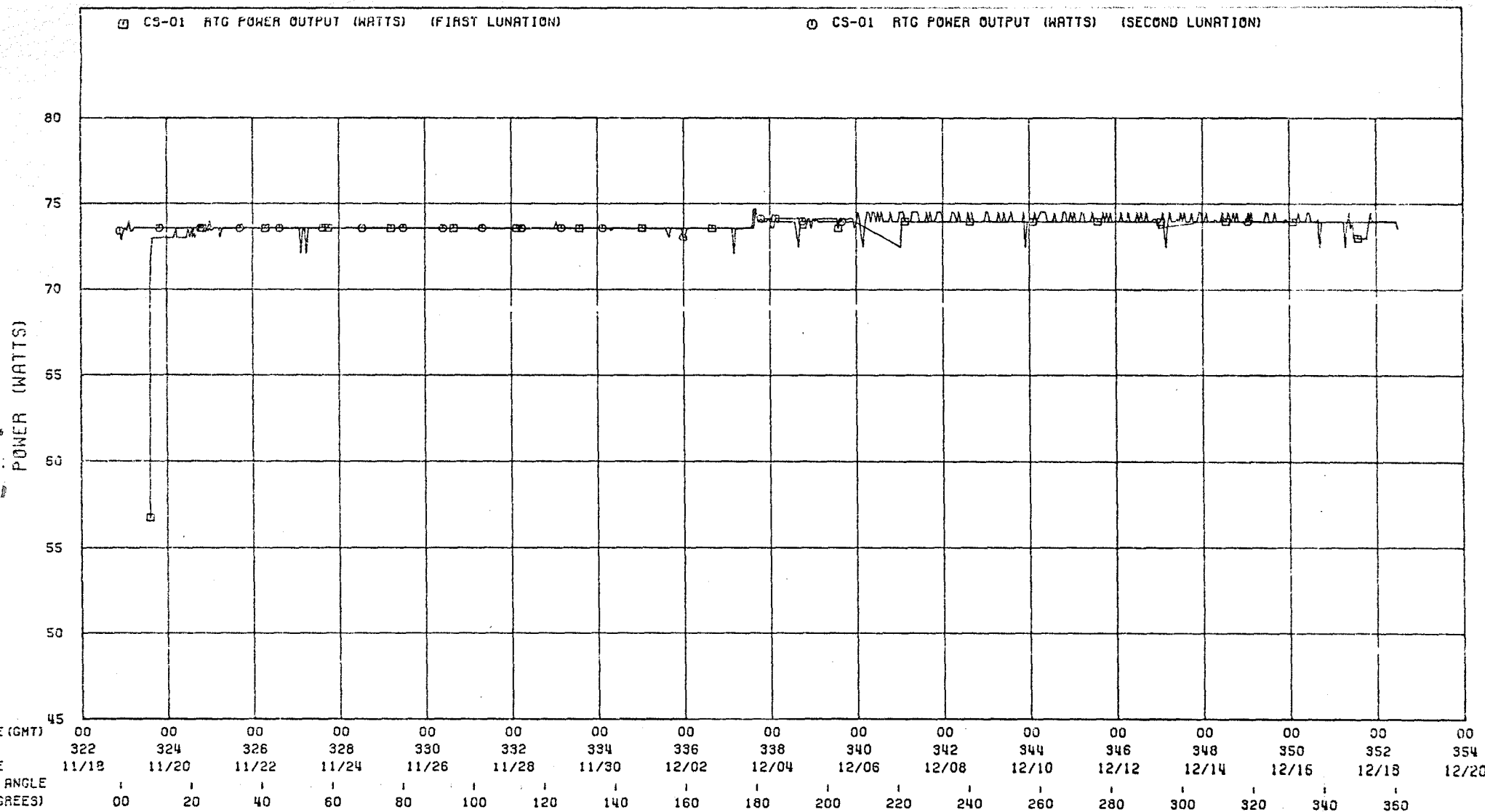
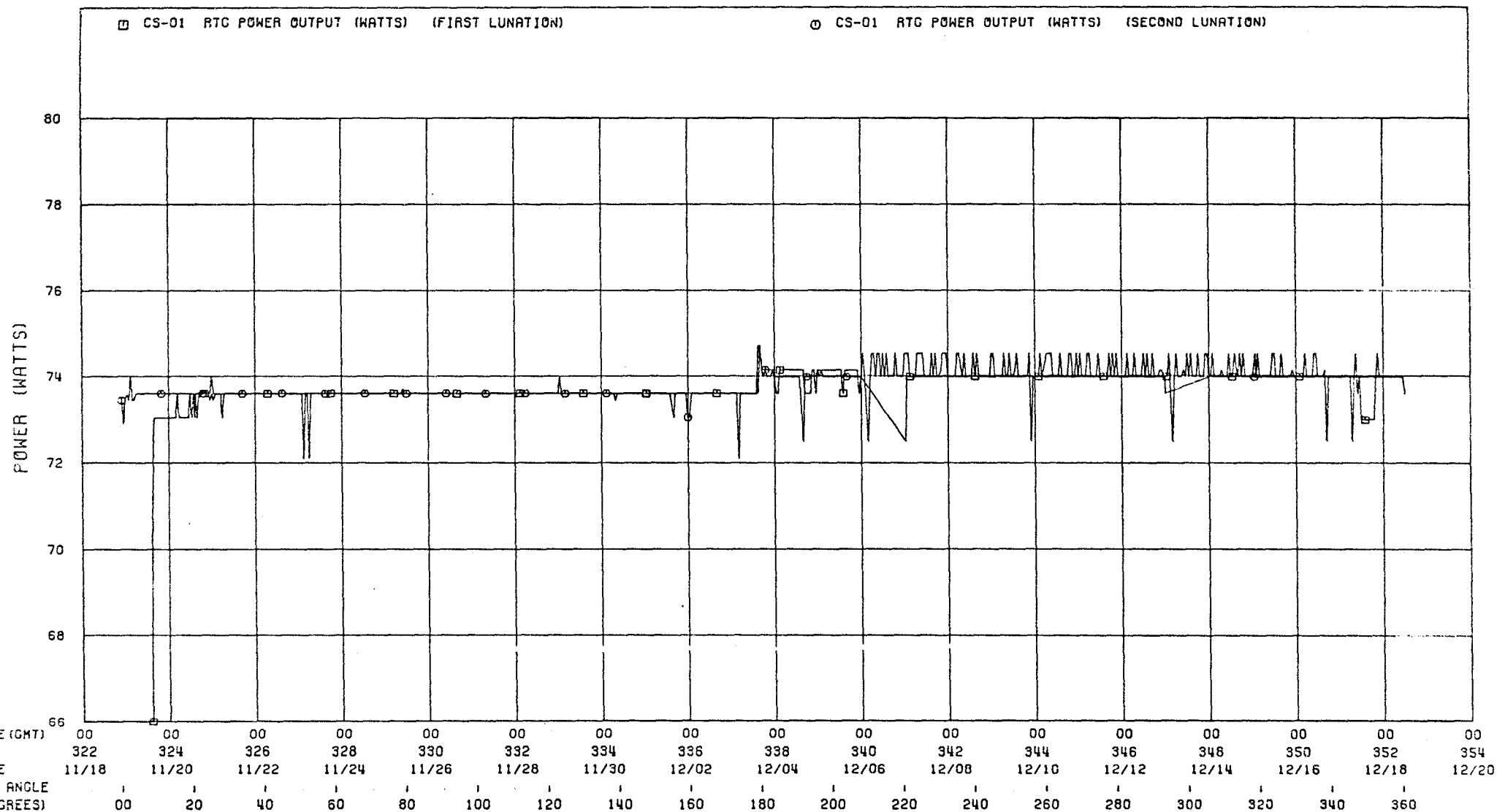


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP LUNATION  
 SUNRISE DAY 322 (NOVEMBER 18, 1969) AT 2109 GMT  
 SUNRISE DAY 352 (DECEMBER 18, 1969) AT 1118 GMT



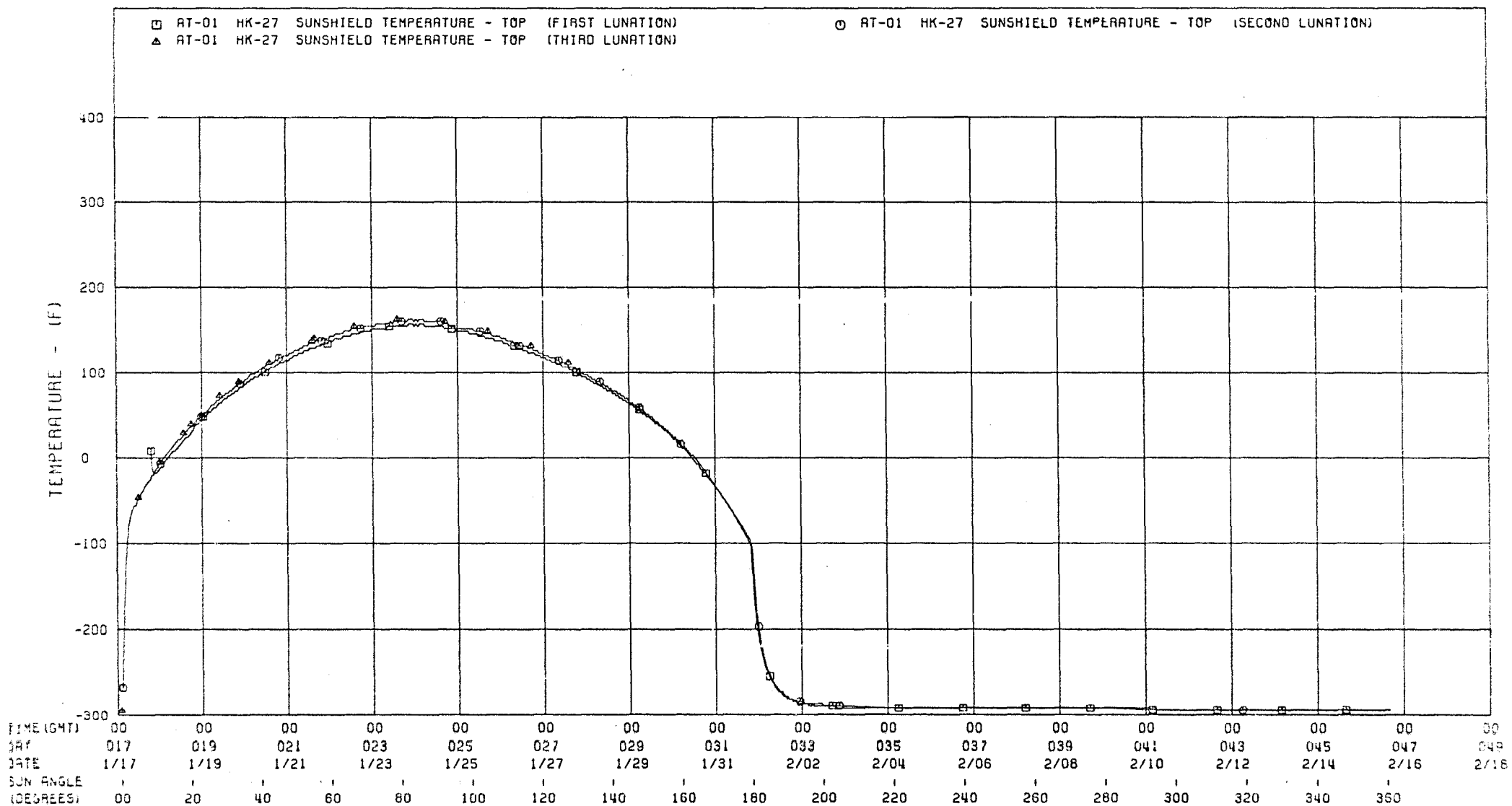
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP LUNATION  
 SUNRISE DAY 322 (NOVEMBER 18, 1969) AT 2106 GMT  
 SUNRISE DAY 352 (DECEMBER 18, 1969) AT 1118 GMT



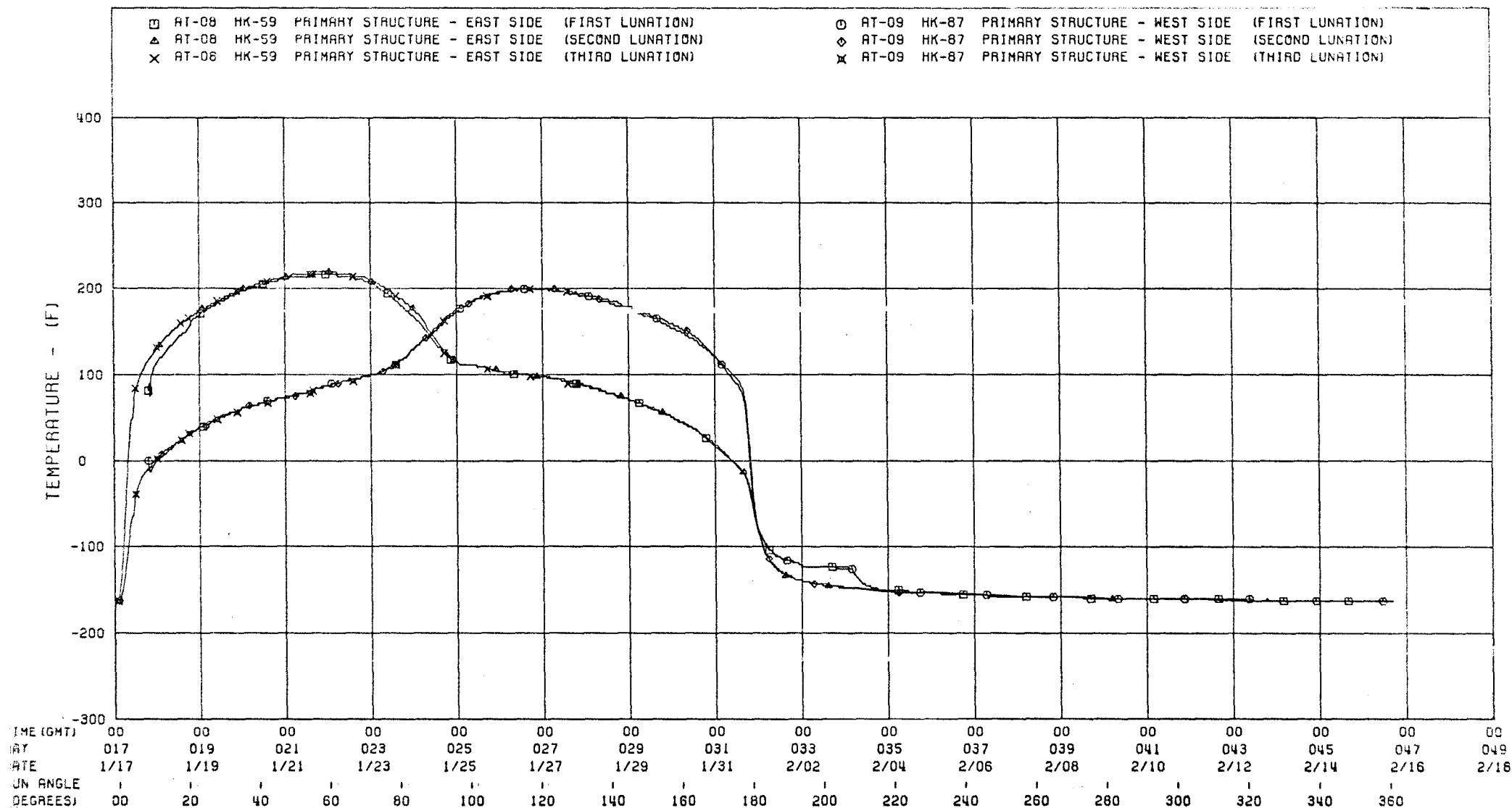
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - THIRD ALSEP LUNATION

SUNRISE DAY 017 (JANUARY 17, 1970) AT 0200 GMT

SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT



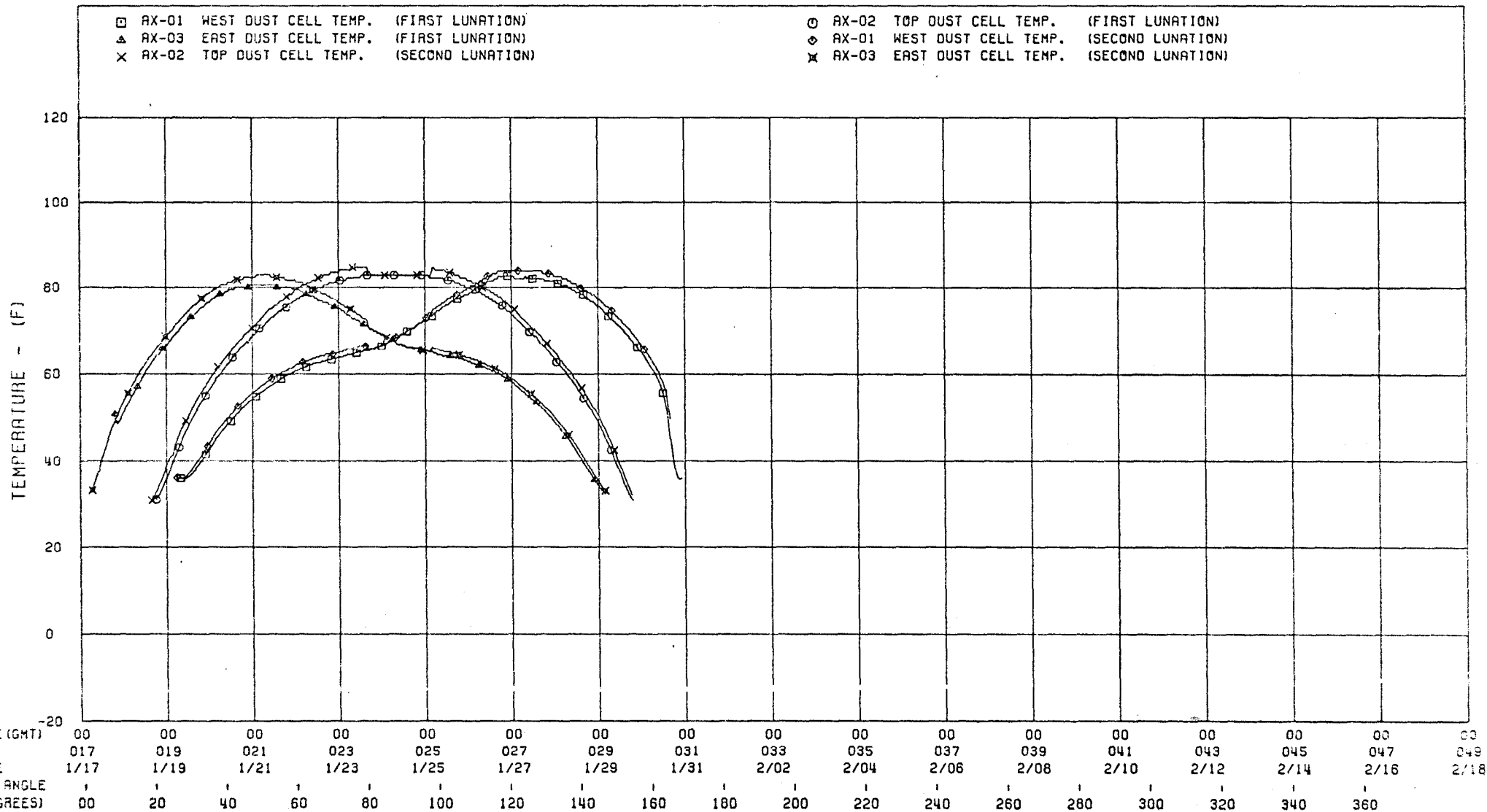
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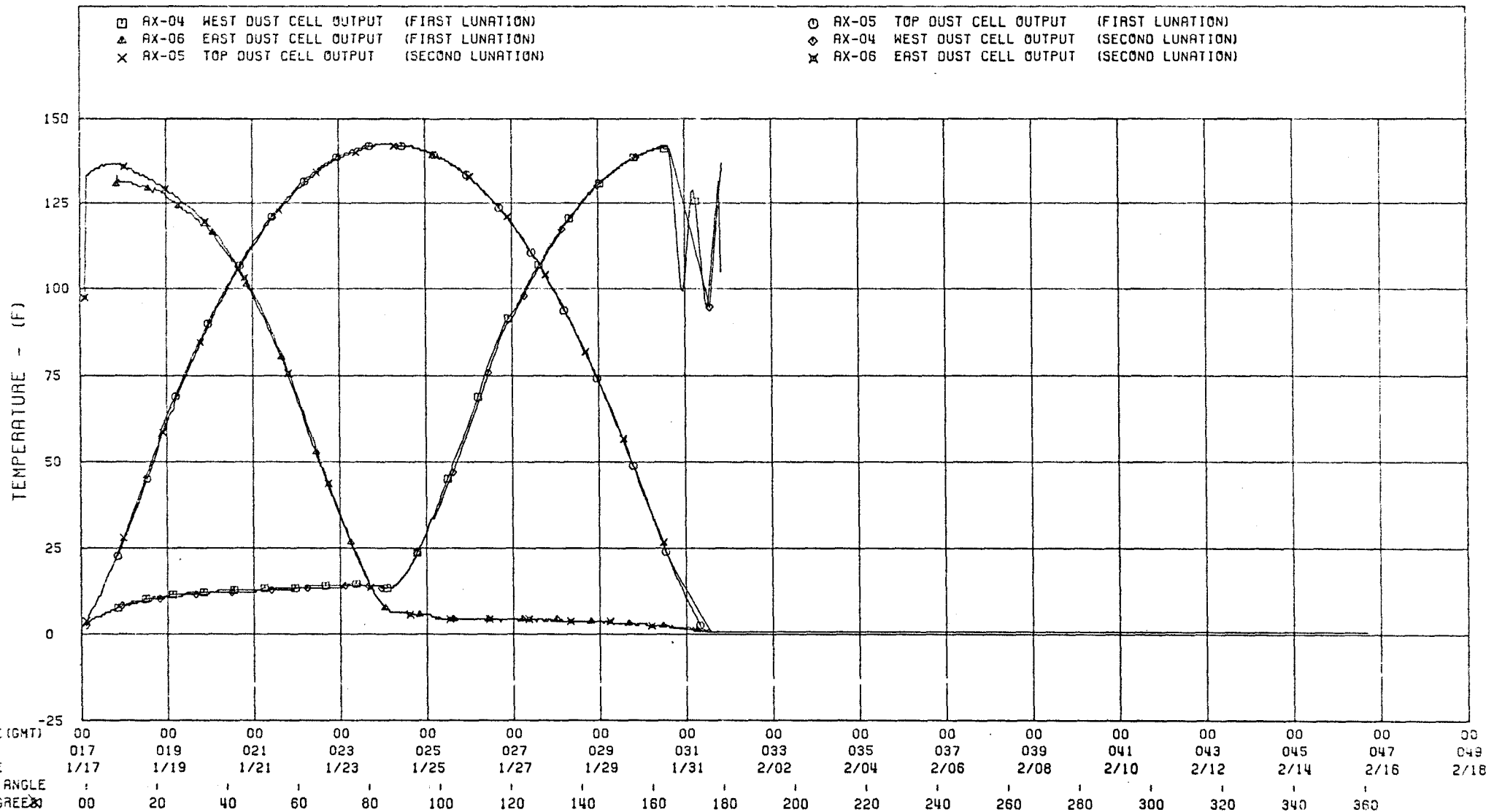
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - THIRD ALSEP LUNATION

SUNRISE DAY 017 (JANUARY 17, 1970) AT 0200 GMT

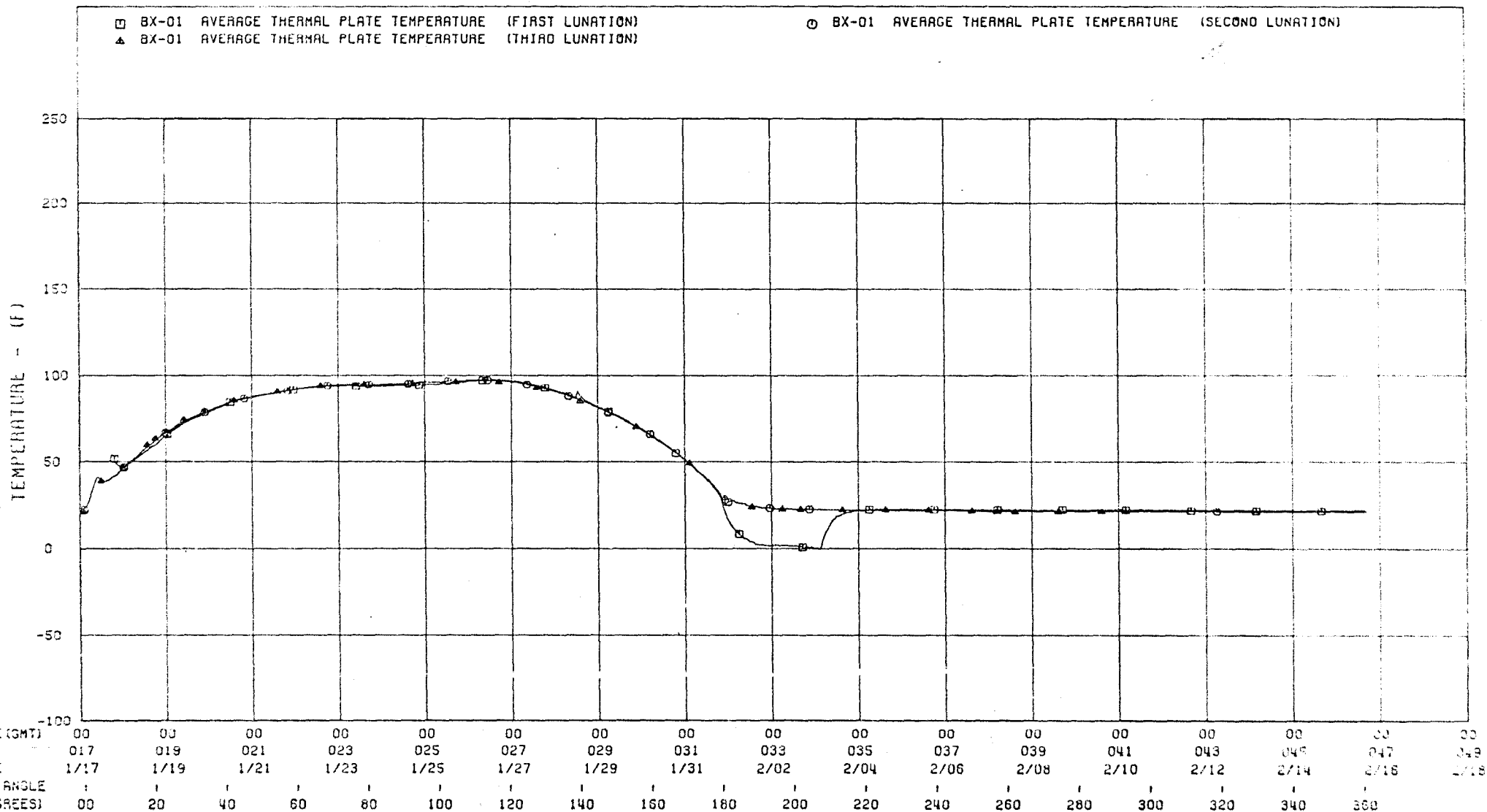
SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - THIRD ALSEP LUNATION  
 SUNRISE DAY 017 (JANUARY 17, 1970) AT 0200 GMT  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT

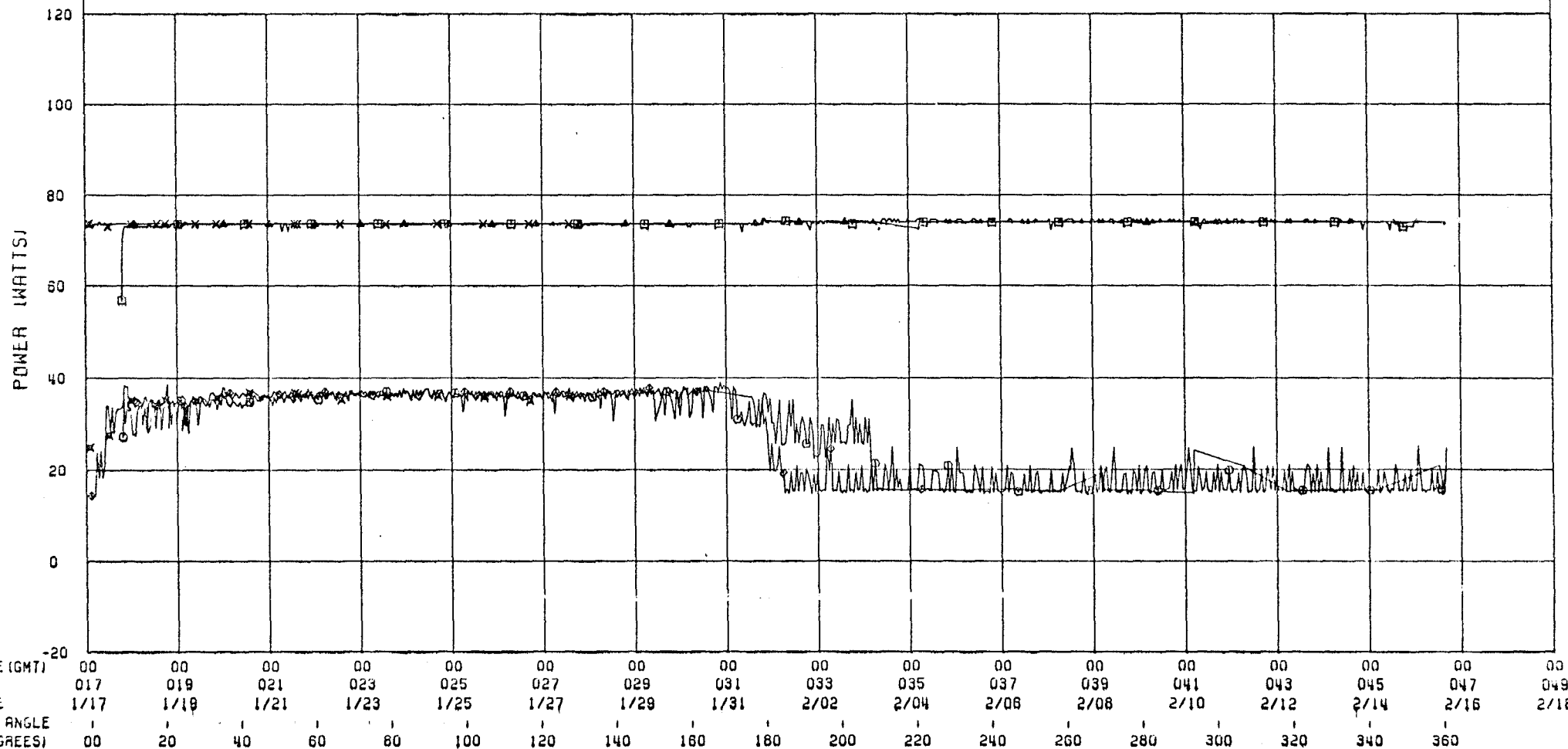


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - THIRD ALSEP LUNATION  
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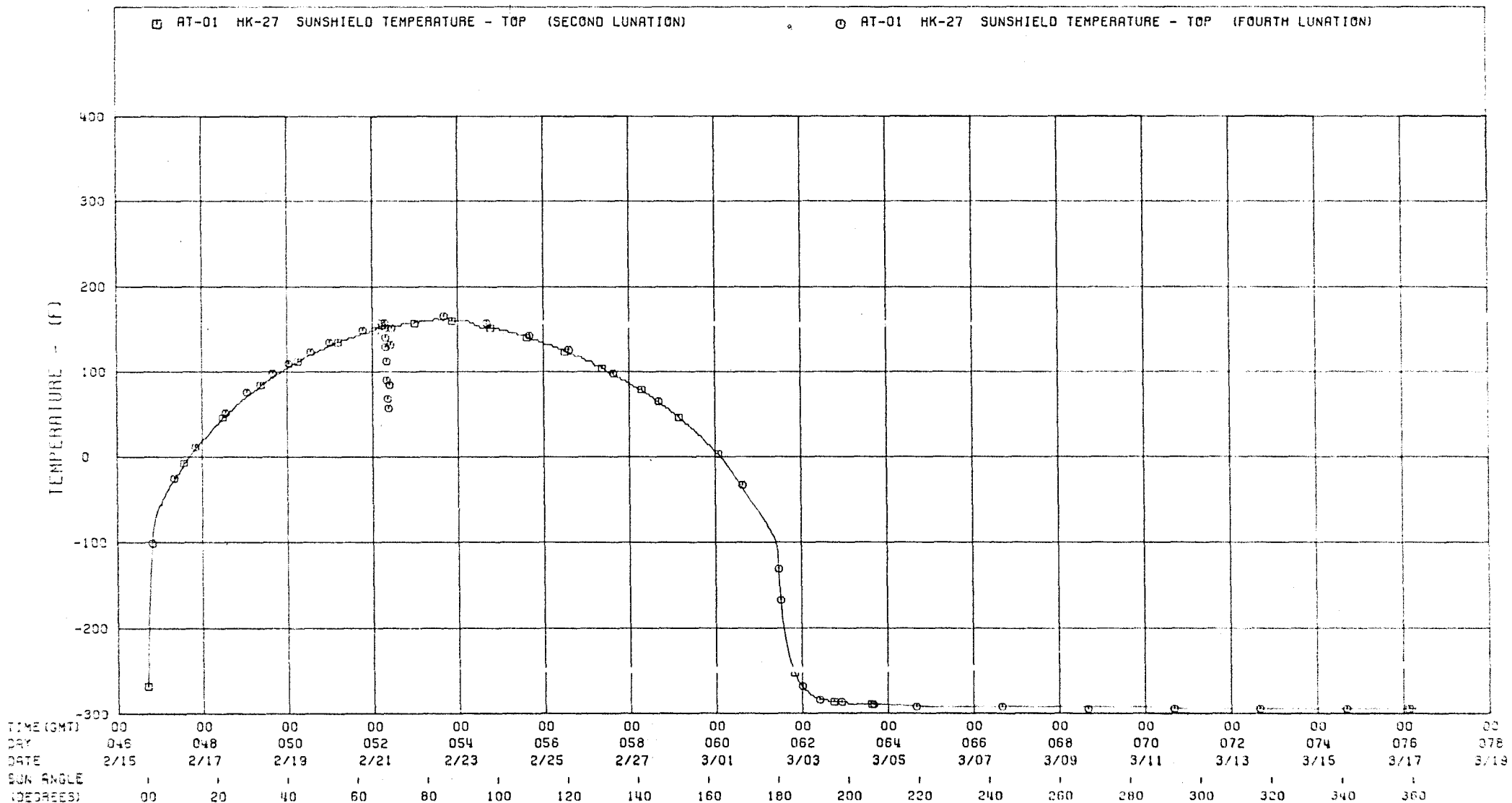


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - THIRD ALSEP LUNATION  
 SUNRISE DAY 017 (JANUARY 17, 1970) AT 0200 GMT  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT

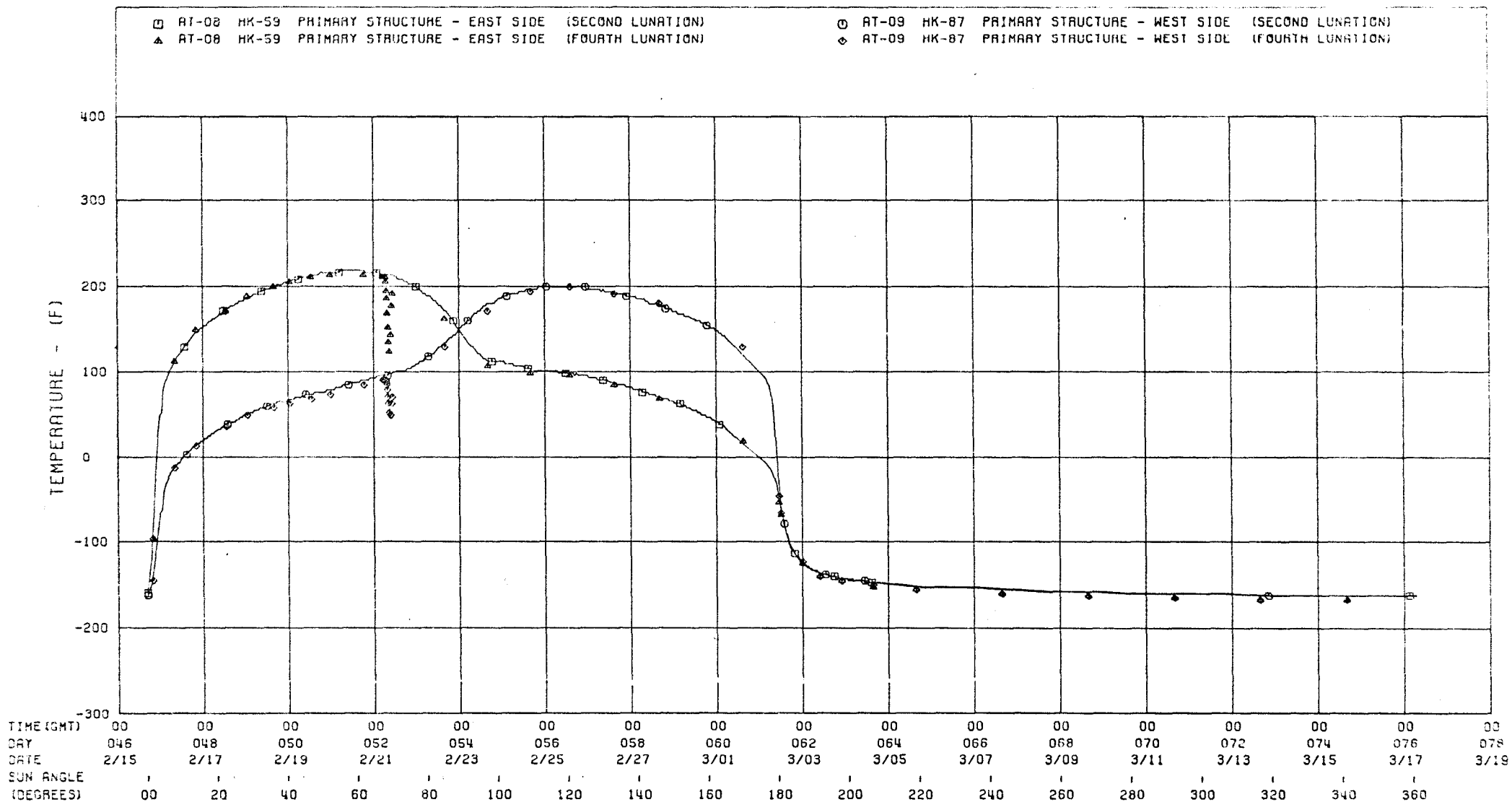
|                                                                                                                                                              |                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ CS-01 RTG POWER OUTPUT (WATTS) (FIRST LUNATION)<br>▲ CS-01 RTG POWER OUTPUT (WATTS) (SECOND LUNATION)<br>x CS-01 RTG POWER OUTPUT (WATTS) (THIRD LUNATION) | ○ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (FIRST LUNATION)<br>◇ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (SECOND LUNATION)<br>x CS-02 CENTRAL STATION RESERVE POWER NO. 1 (THIRD LUNATION) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



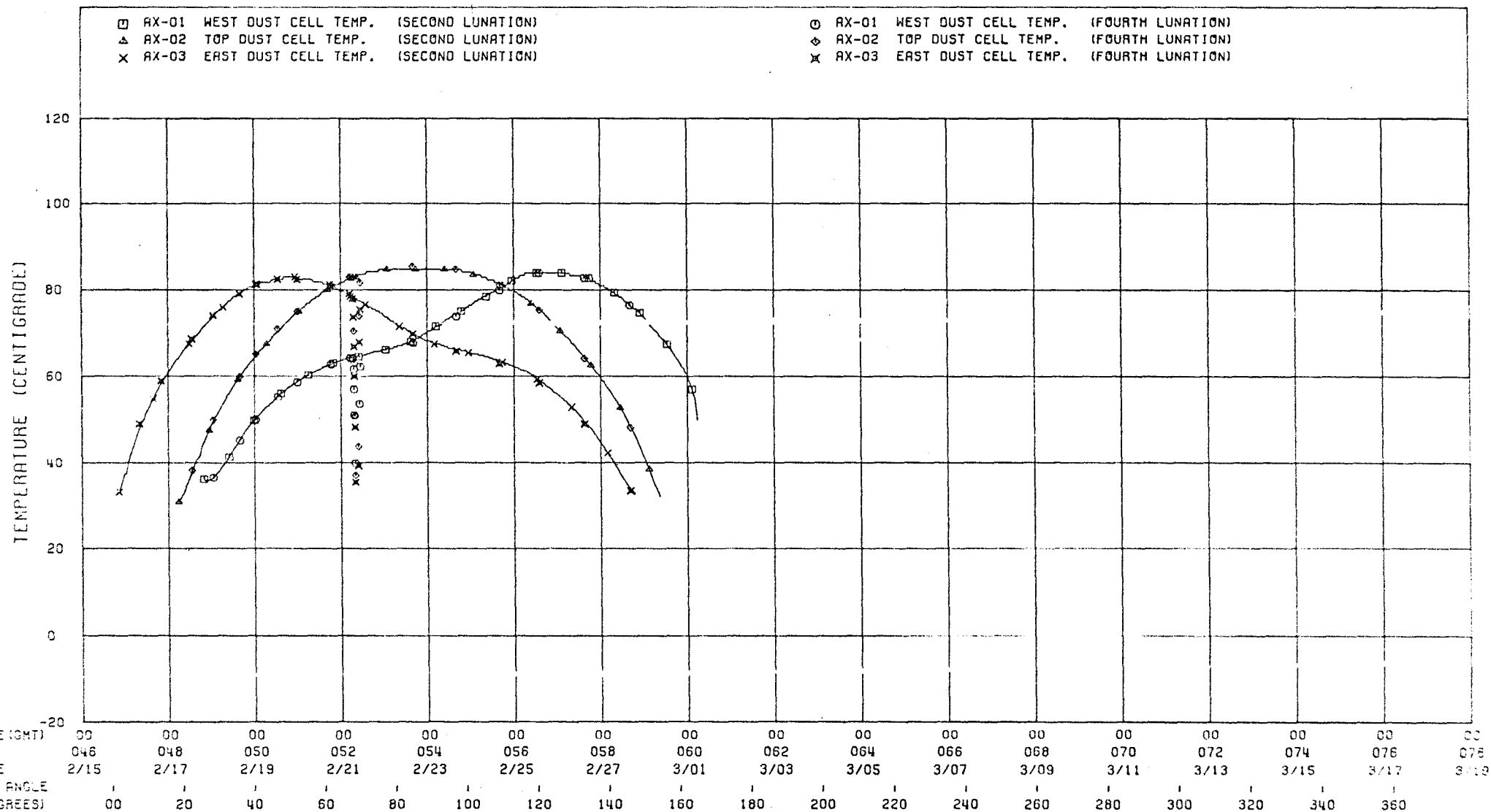
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 4 TH ALSEP LUNATION  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
 SUNRISE DAY 076 ( MARCH 17, 1970) AT 0600 GMT



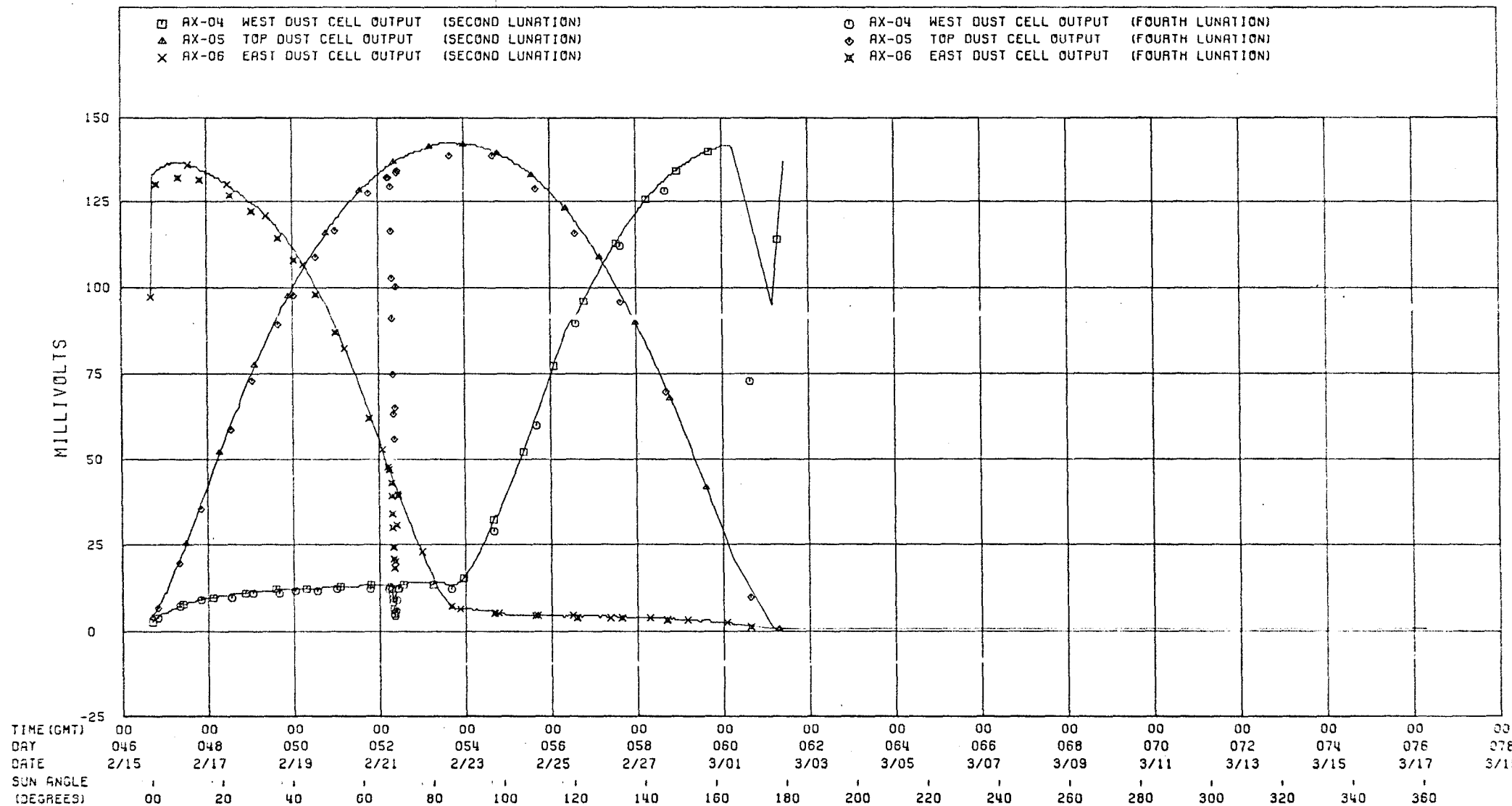
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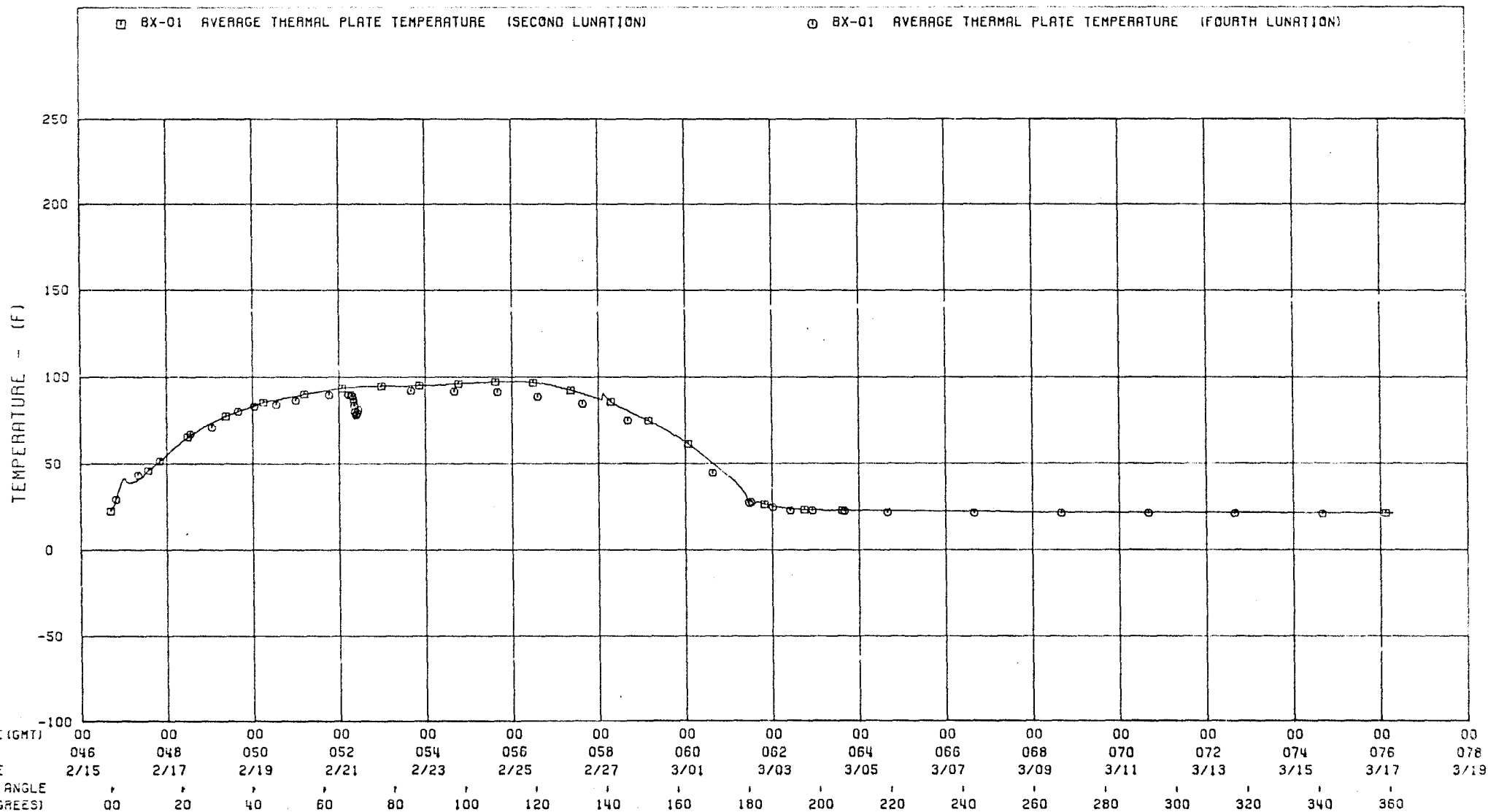
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 4 TH ALSEP LUNATION  
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 SUNRISE DAY 076 ( MARCH 17, 1970) AT 0600 GMT



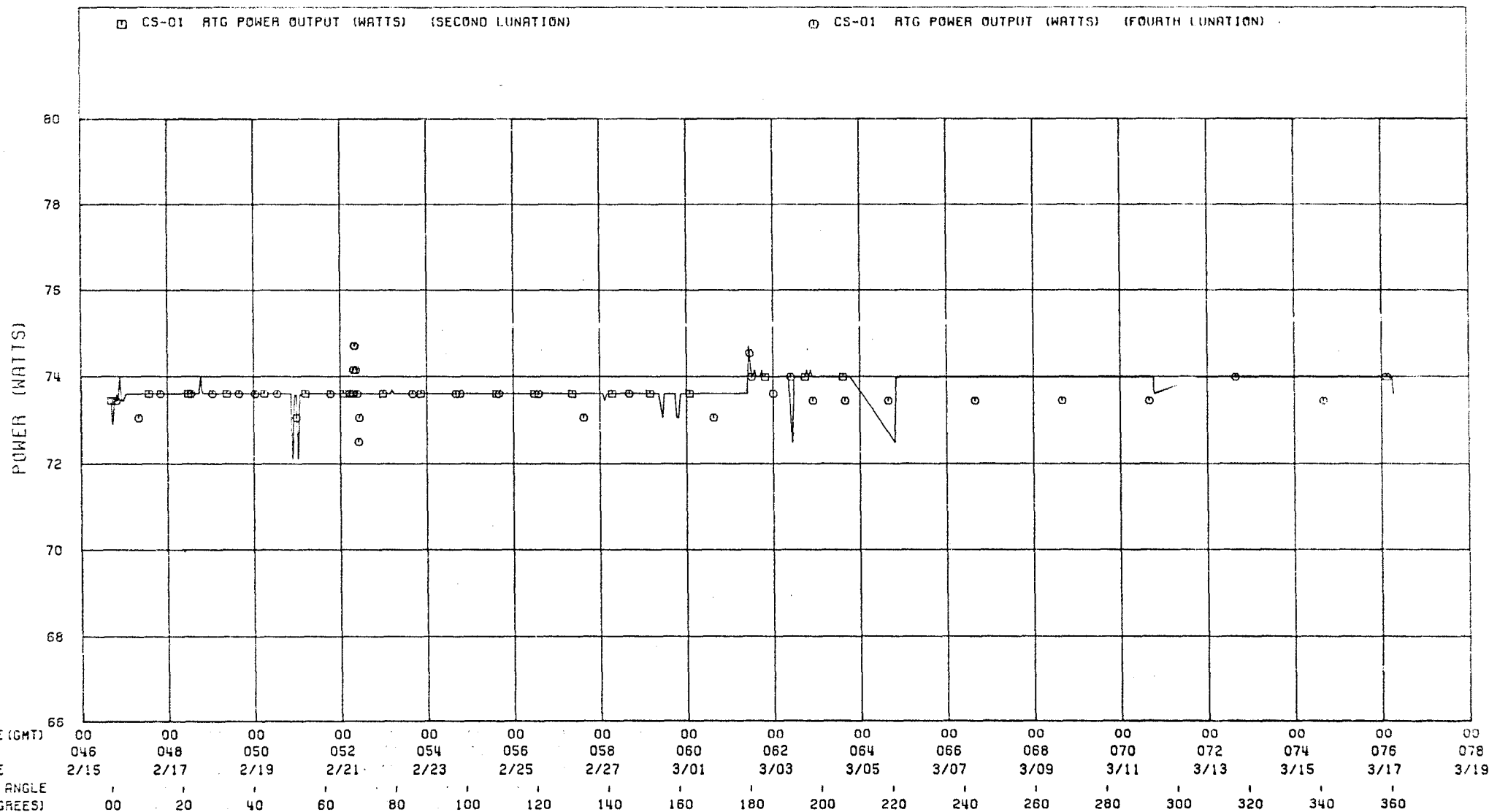
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 4 TH ALSEP LUNATION  
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 SUNRISE DAY 076 ( MARCH 17, 1970) AT 0600 GMT



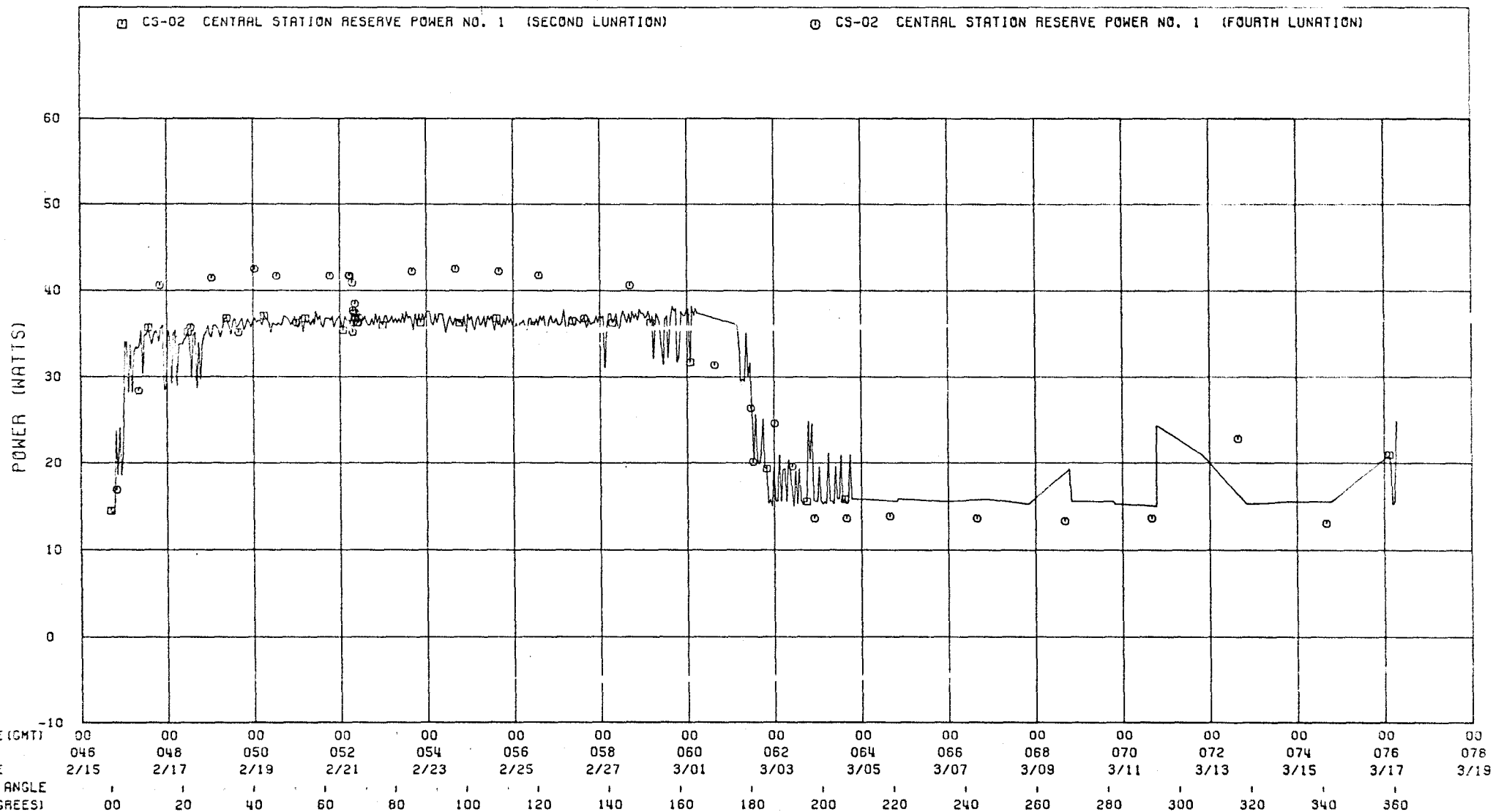
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 SUNRISE DAY 005 (FEBRUARY 15, 1970) AT 1000 GMT  
 SUNRISE DAY 076 ( MARCH 17, 1970) AT 0600 GMT



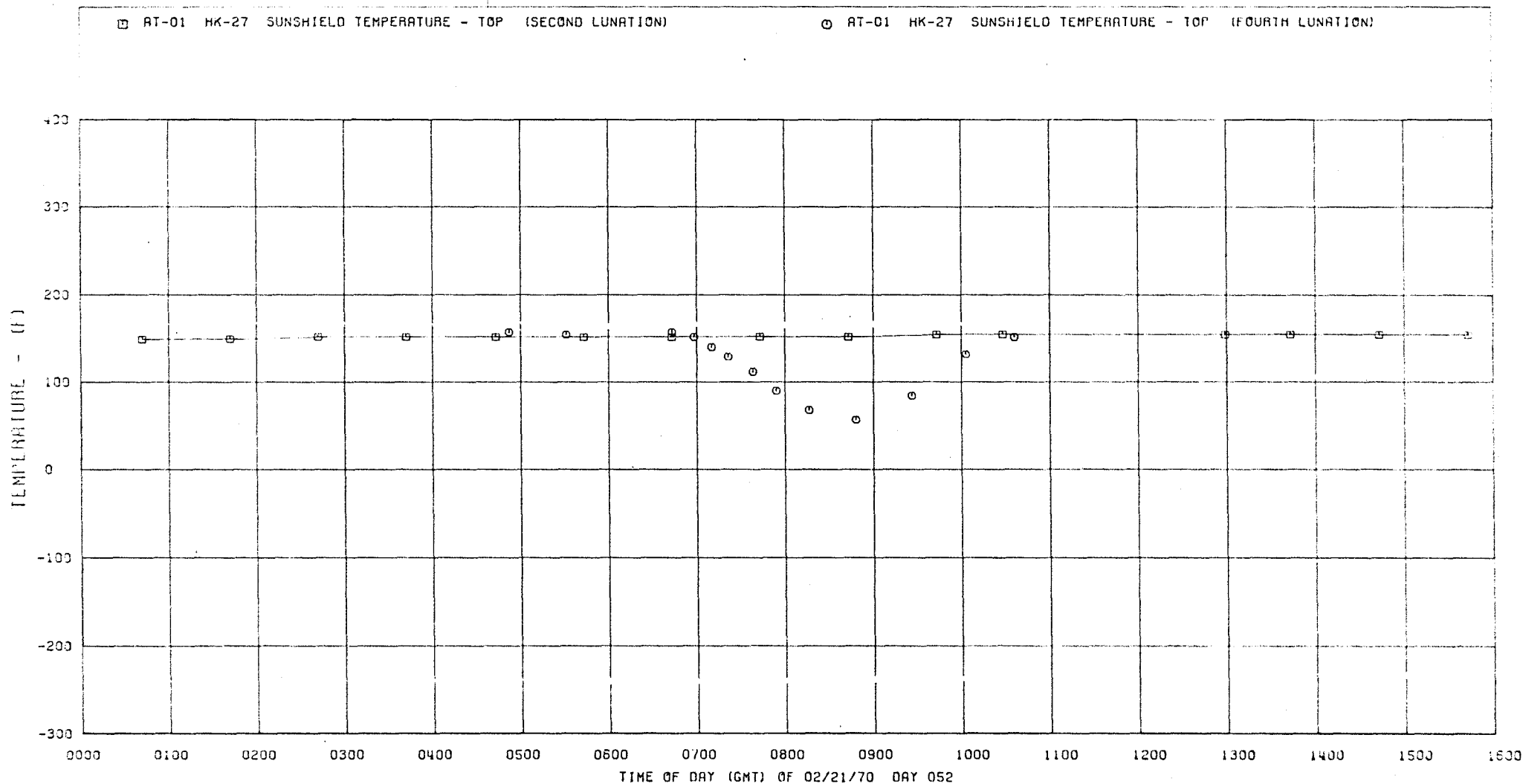
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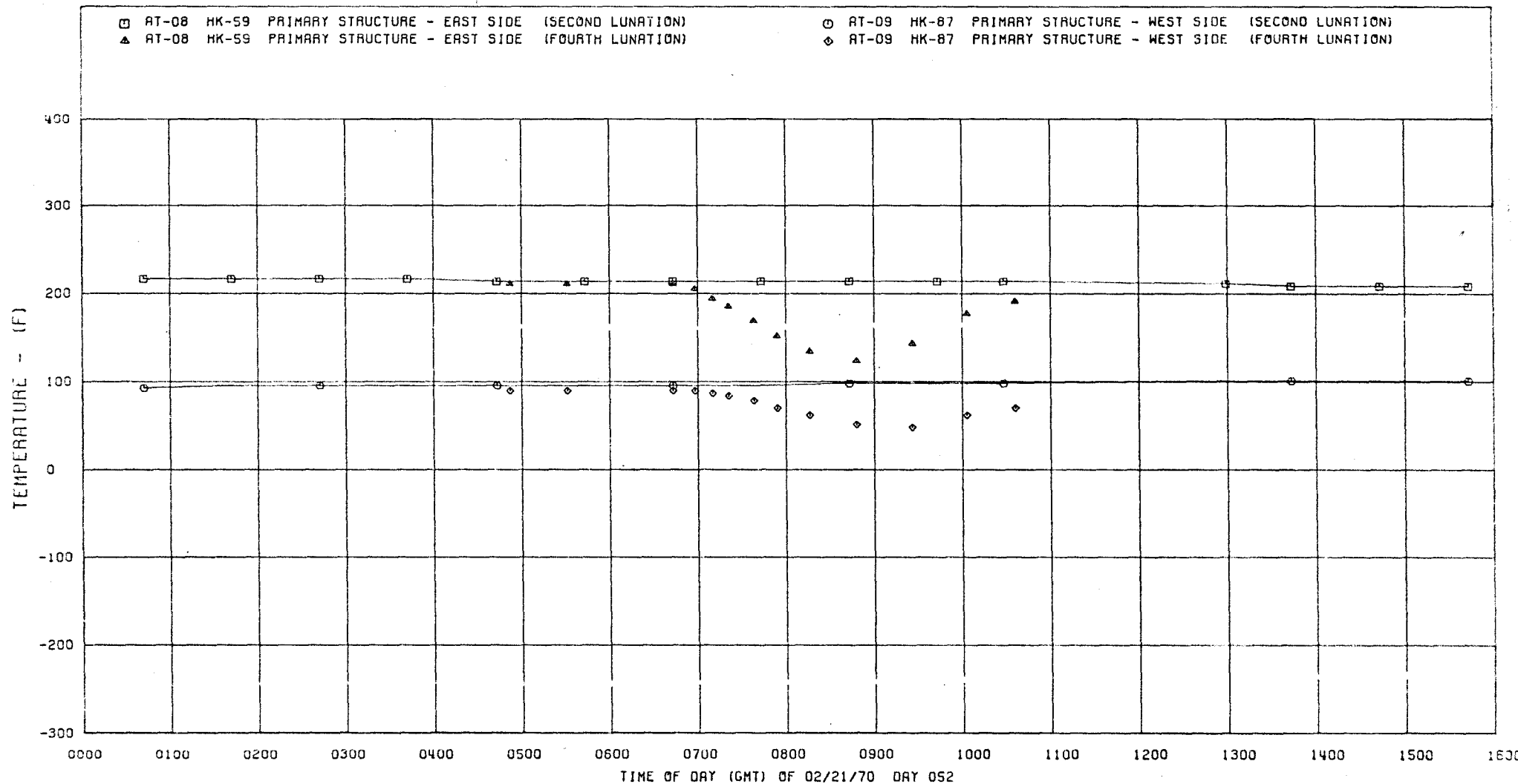
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 4 TH ALSEP LUNATION  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
 SUNRISE DAY 076 ( MARCH 17, 1970) AT 0600 GMT



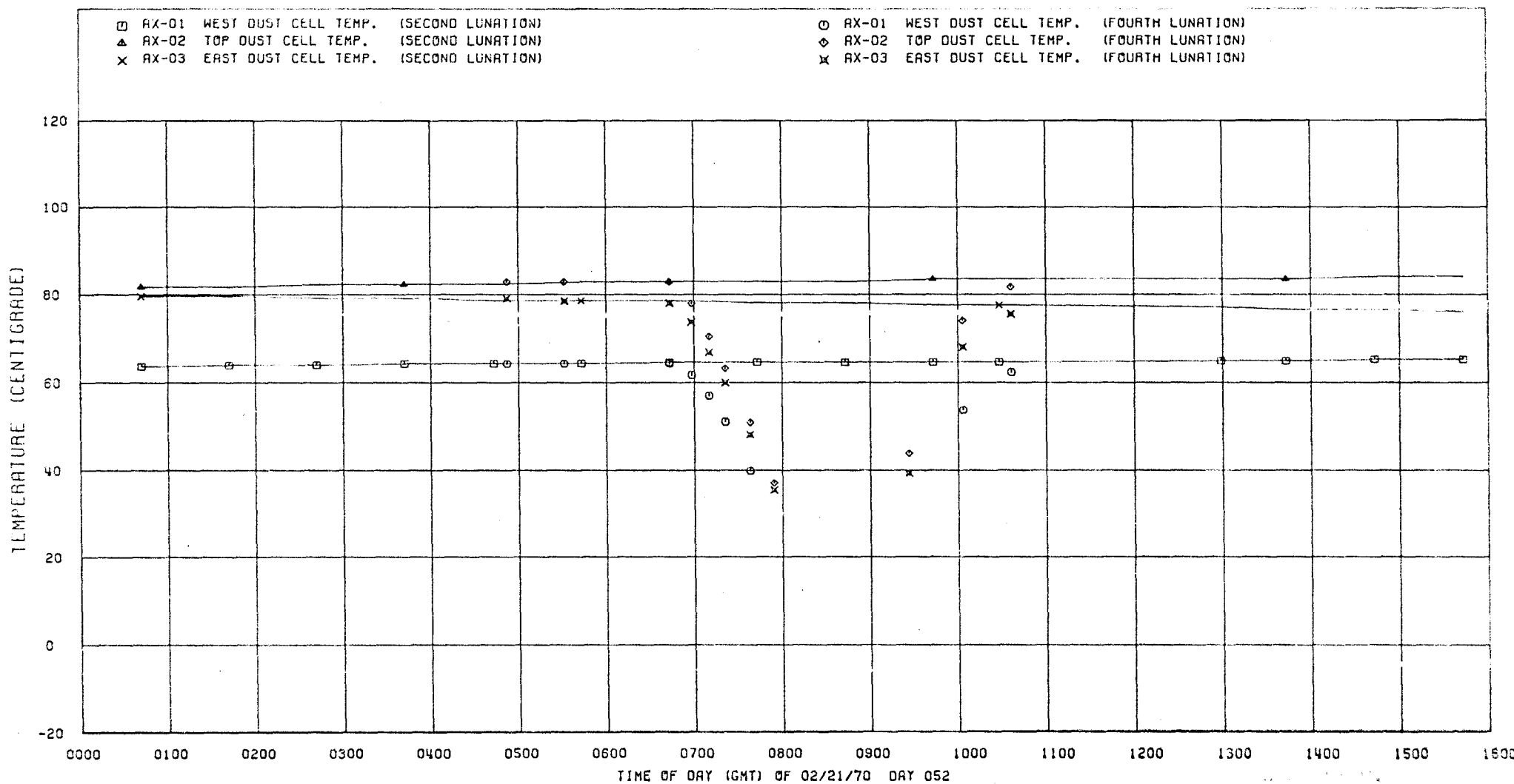
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP ECLIPSE  
SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
SUNSET DAY 061 ( MARCH 2, 1970) AT 1200 GMT



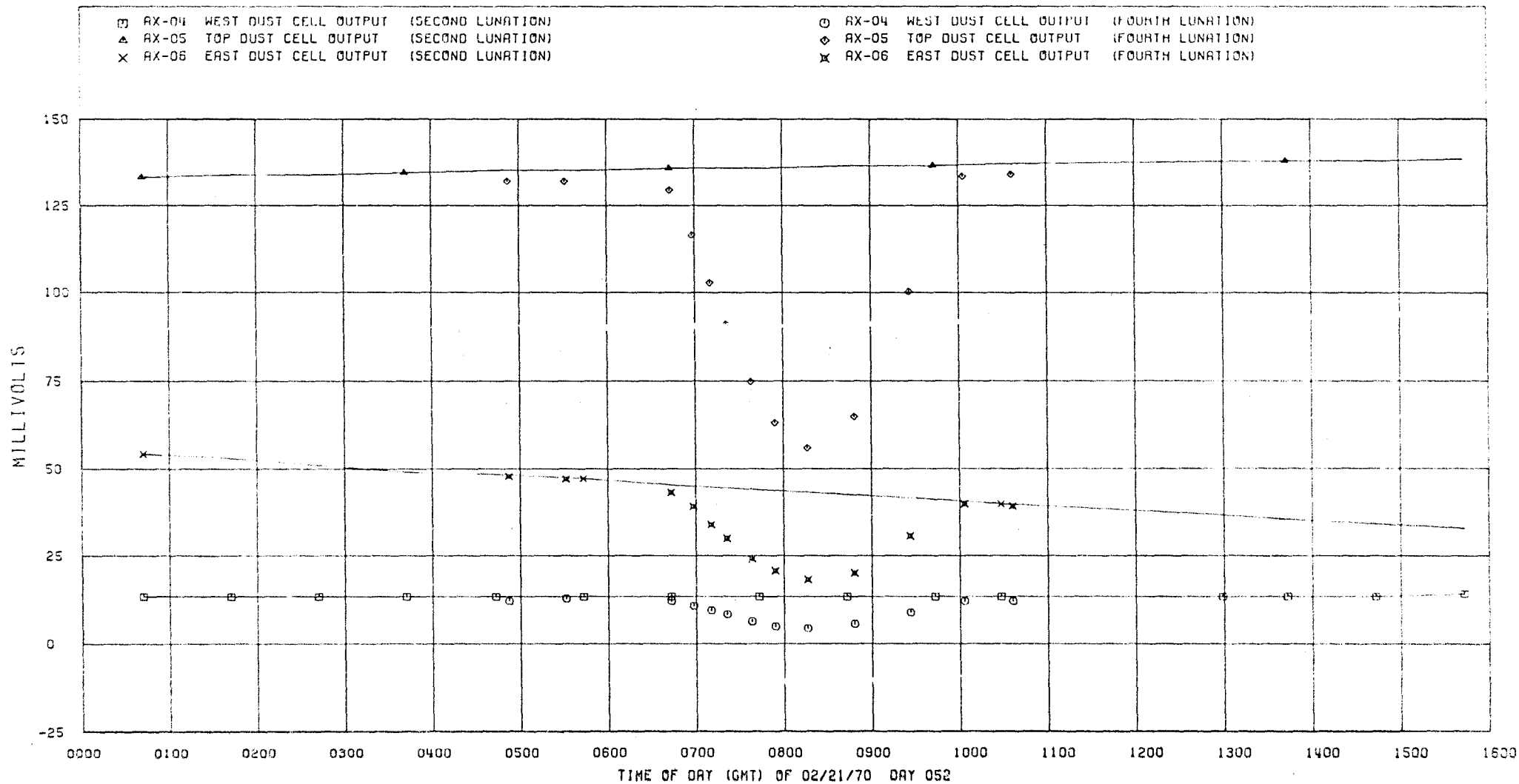
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 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP ECLIPSE  
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 SUNSET DAY 061 ( MARCH 2, 1970) AT 1200 GMT



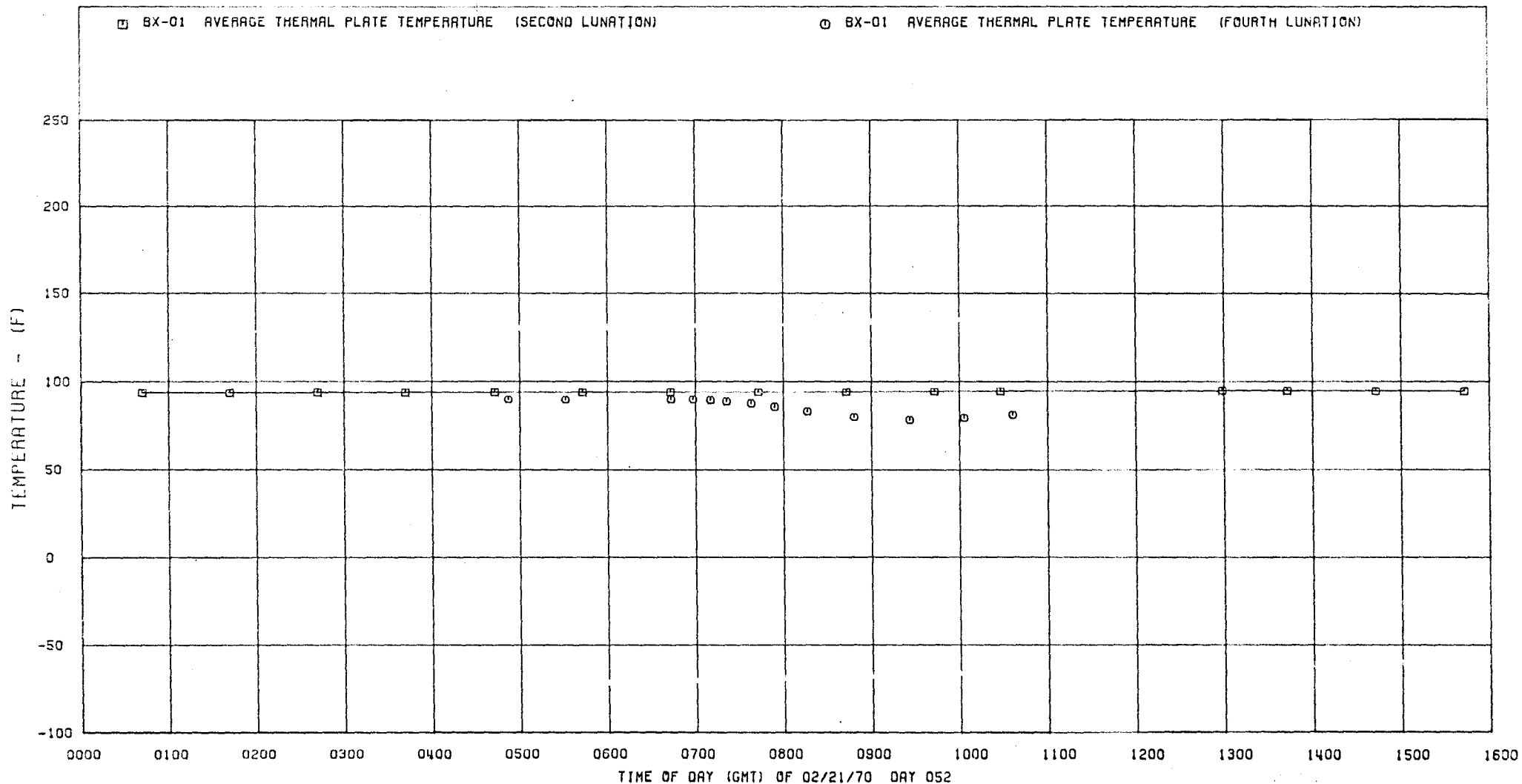
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP ECLIPSE  
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 SUNSET DAY 061 ( MARCH 2, 1970) AT 1200 GMT



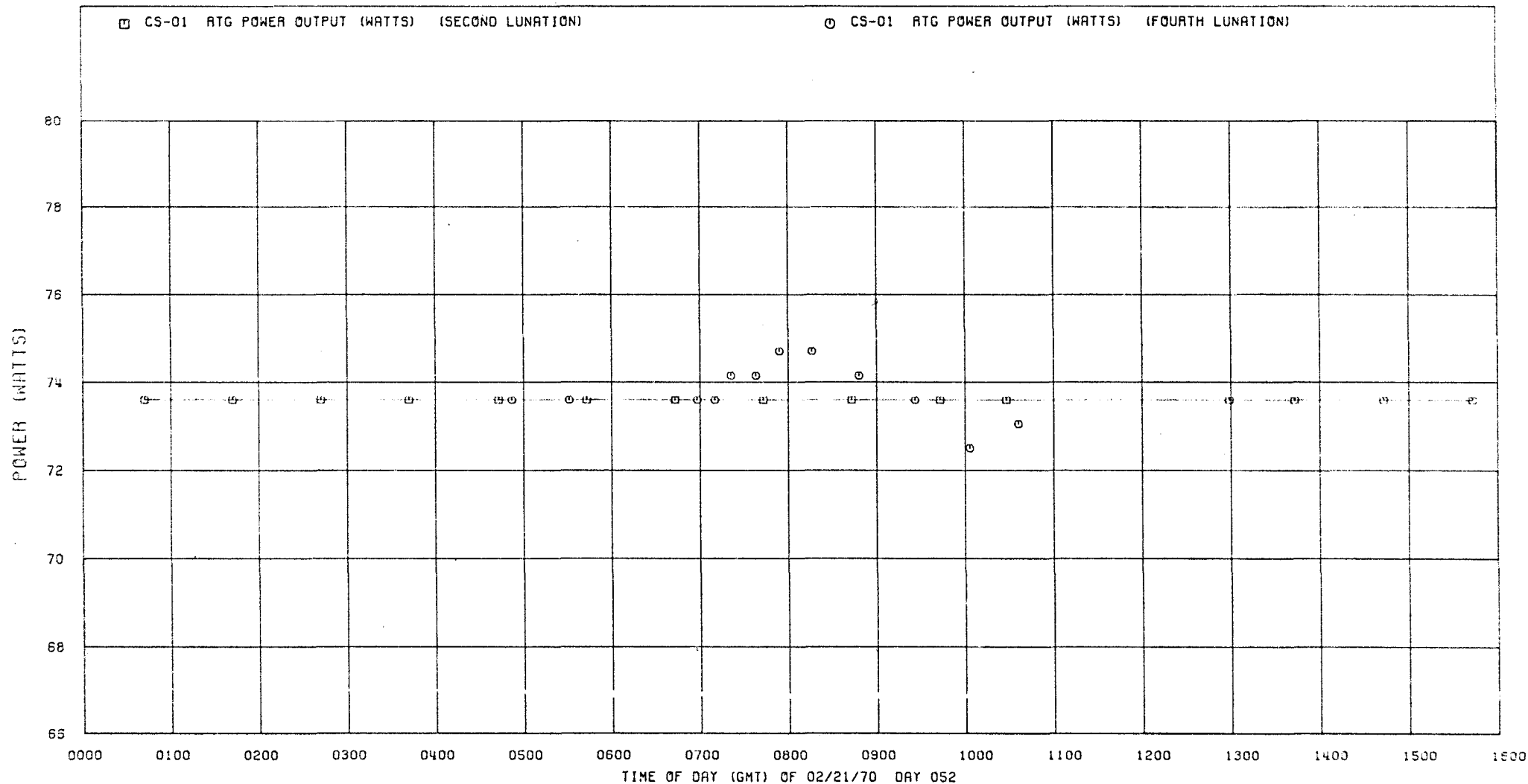
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP ECLIPSE  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
 SUNSET DAY 051 (MARCH 2, 1970) AT 1200 GMT



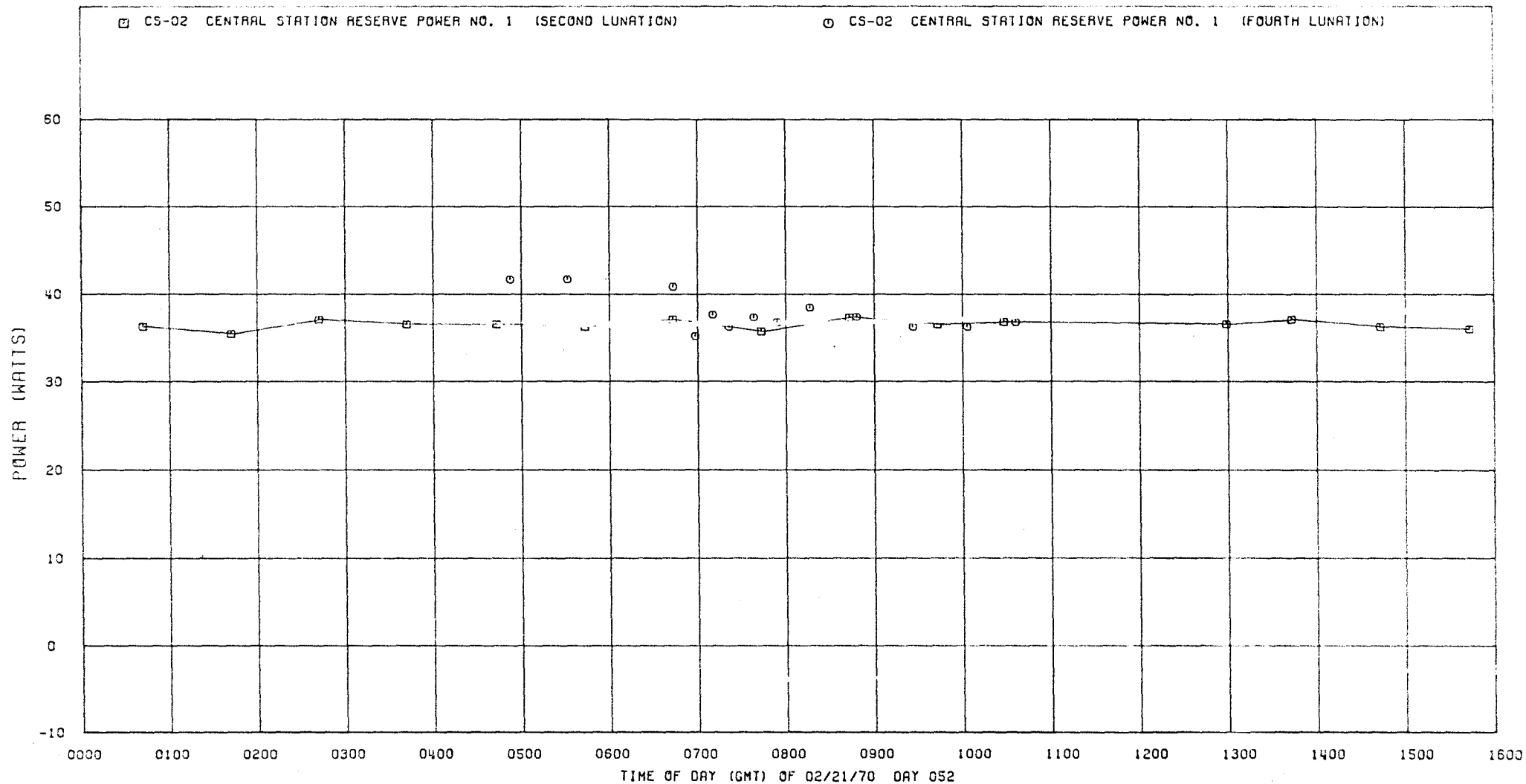
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP ECLIPSE  
SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
SUNSET DAY 061 ( MARCH 2, 1970) AT 1200 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIRST ALSEP ECLIPSE  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
 SUNSET DAY 061 ( MARCH 2, 1970) AT 1200 GMT



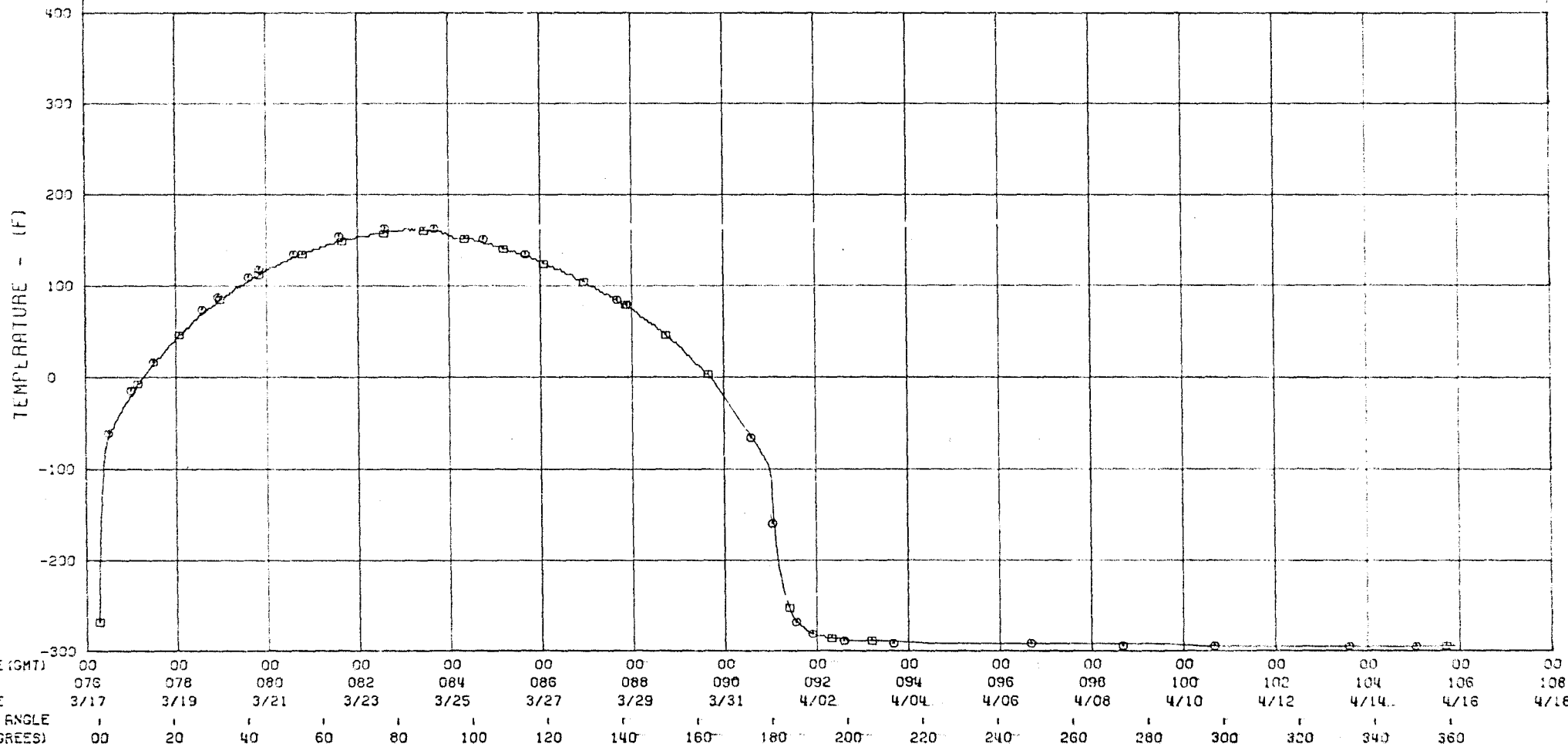
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) FIRST ALSEP ECLIPSE  
 SUNRISE DAY 046 (FEBRUARY 15, 1970) AT 1600 GMT  
 SUNSET DAY 061 ( MARCH 2, 1970) AT 1200 GMT



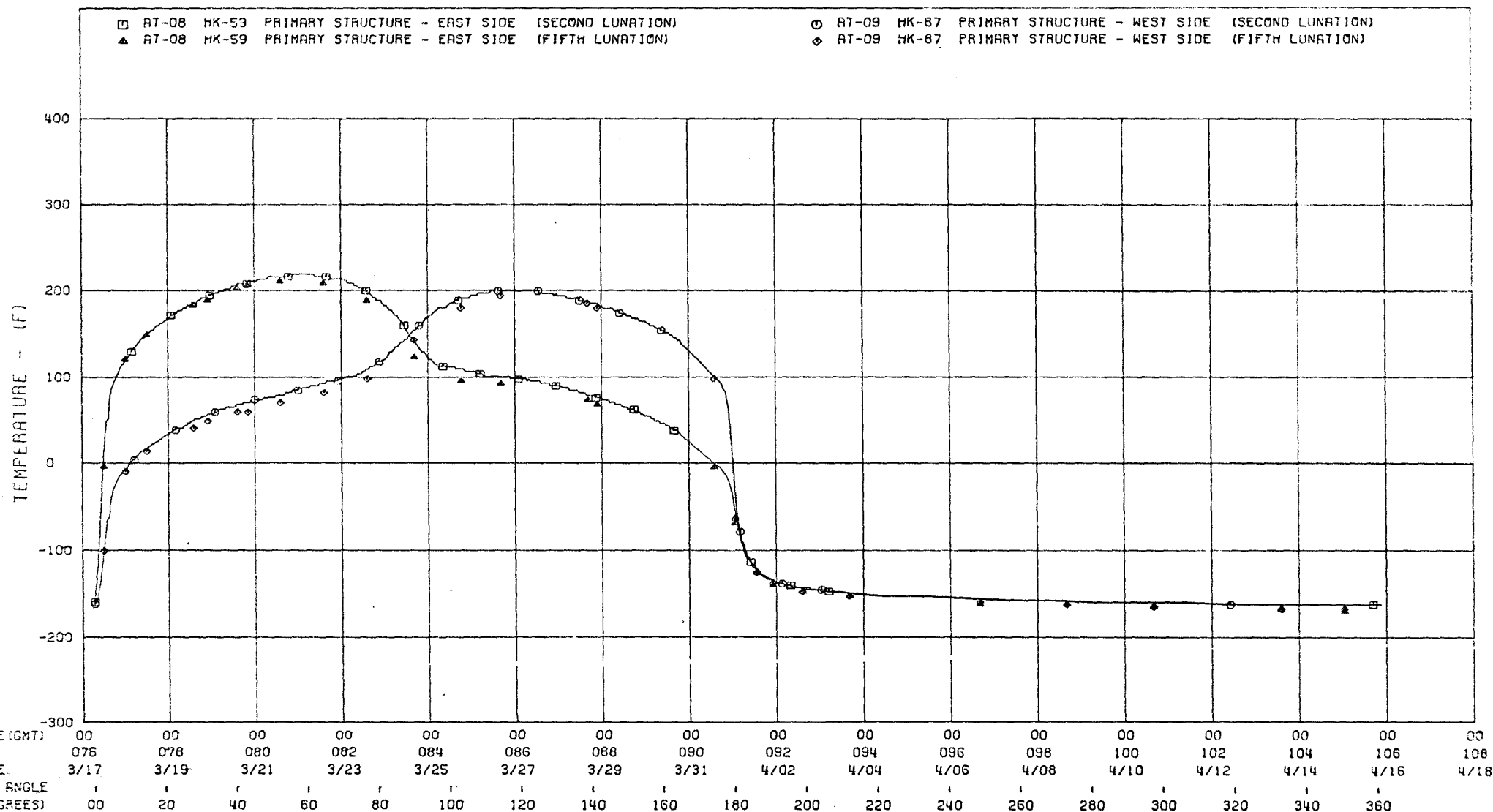
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIFTH ALSEP LUNATION  
 SUNRISE DAY 076 (MARCH 17, 1970) AT 0600 GMT  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT

□ AT-01 HK-27 SUNSHIELD TEMPERATURE - TOP (SECOND LUNATION)

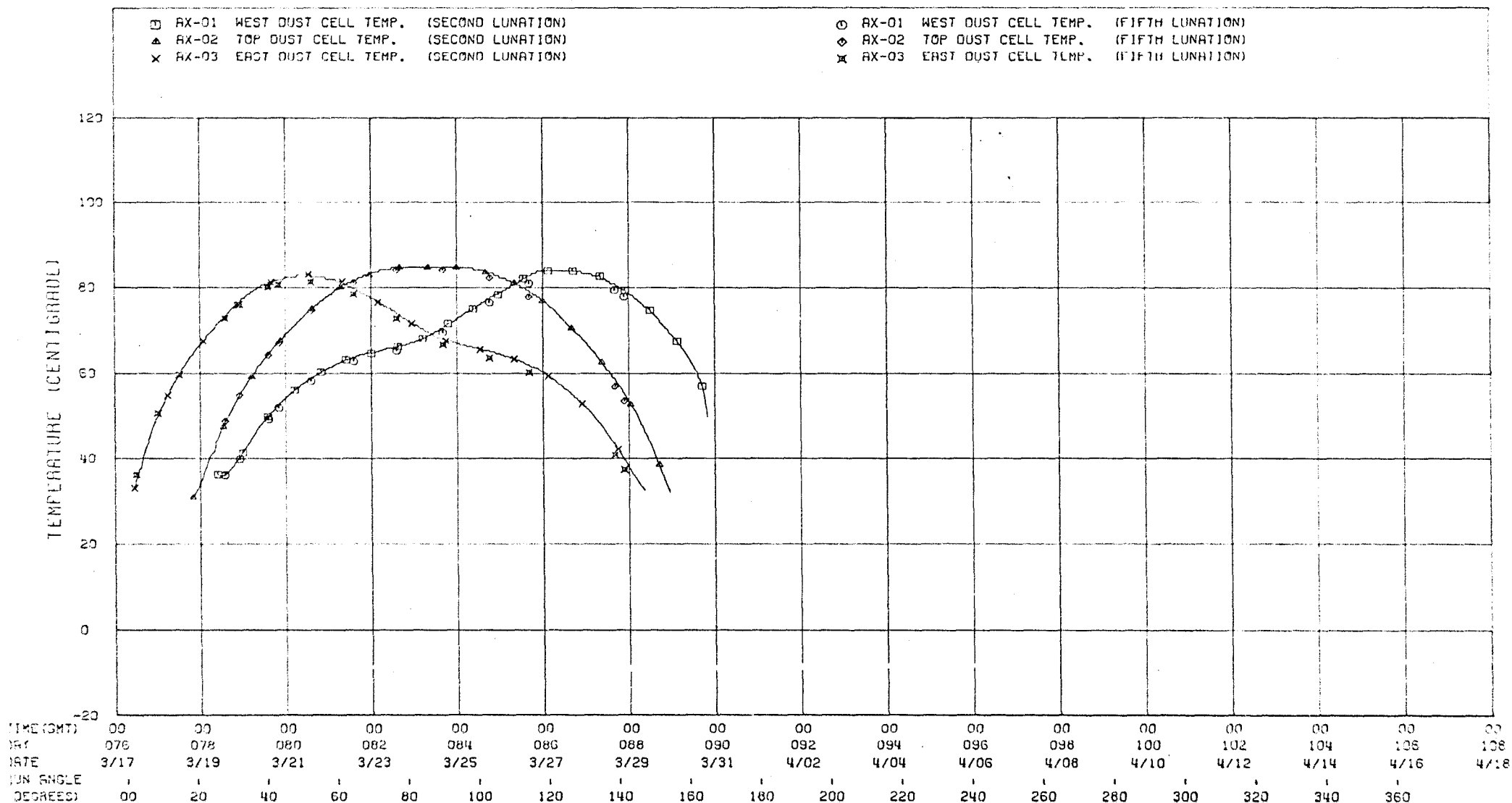
○ AT-01 HK-27 SUNSHIELD TEMPERATURE - TOP (FIFTH LUNATION)



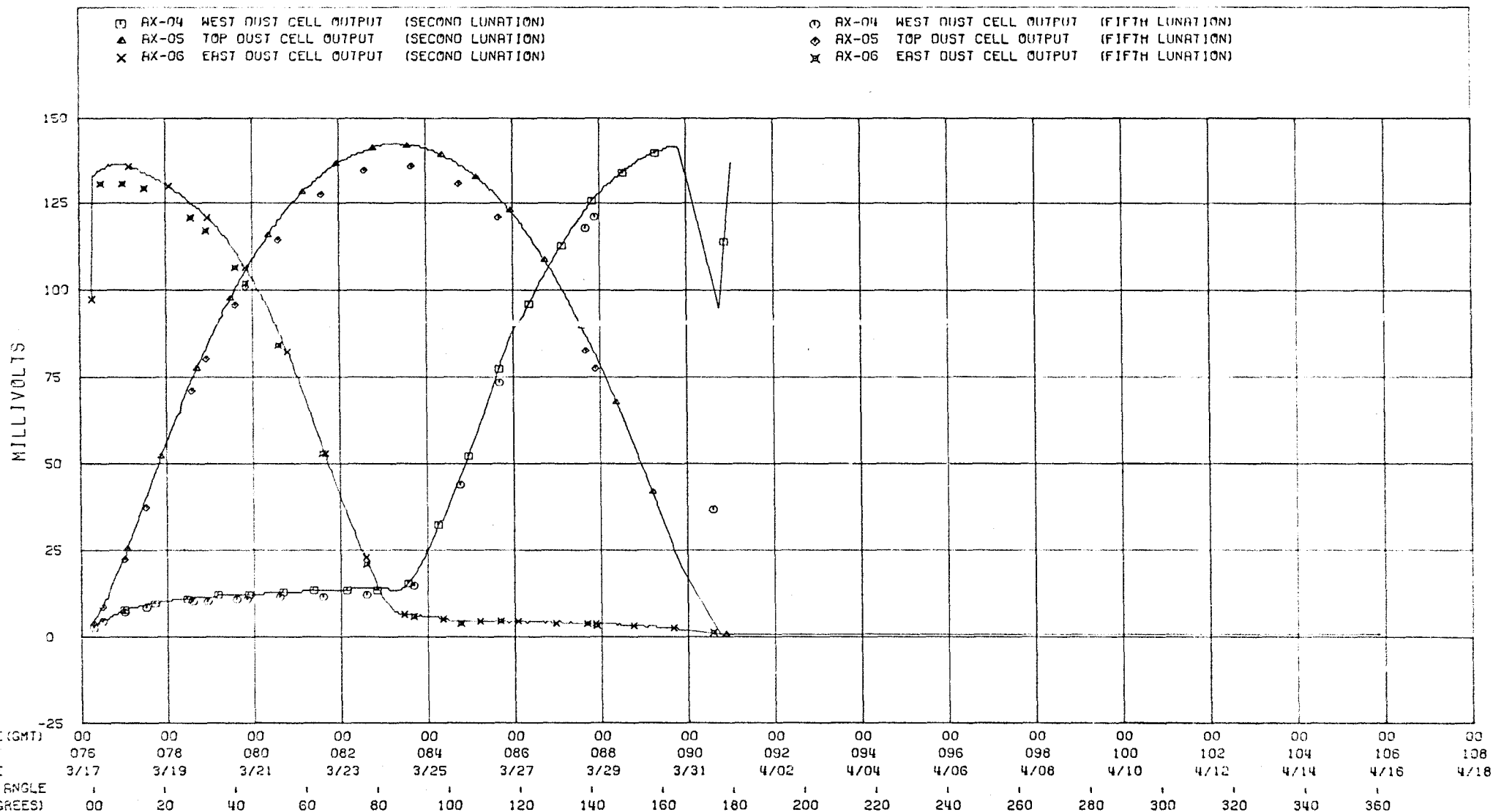
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIFTH ALSEP LUNATION  
 SUNRISE DAY 076 (MARCH 17, 1970) AT 0300 GMT  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT



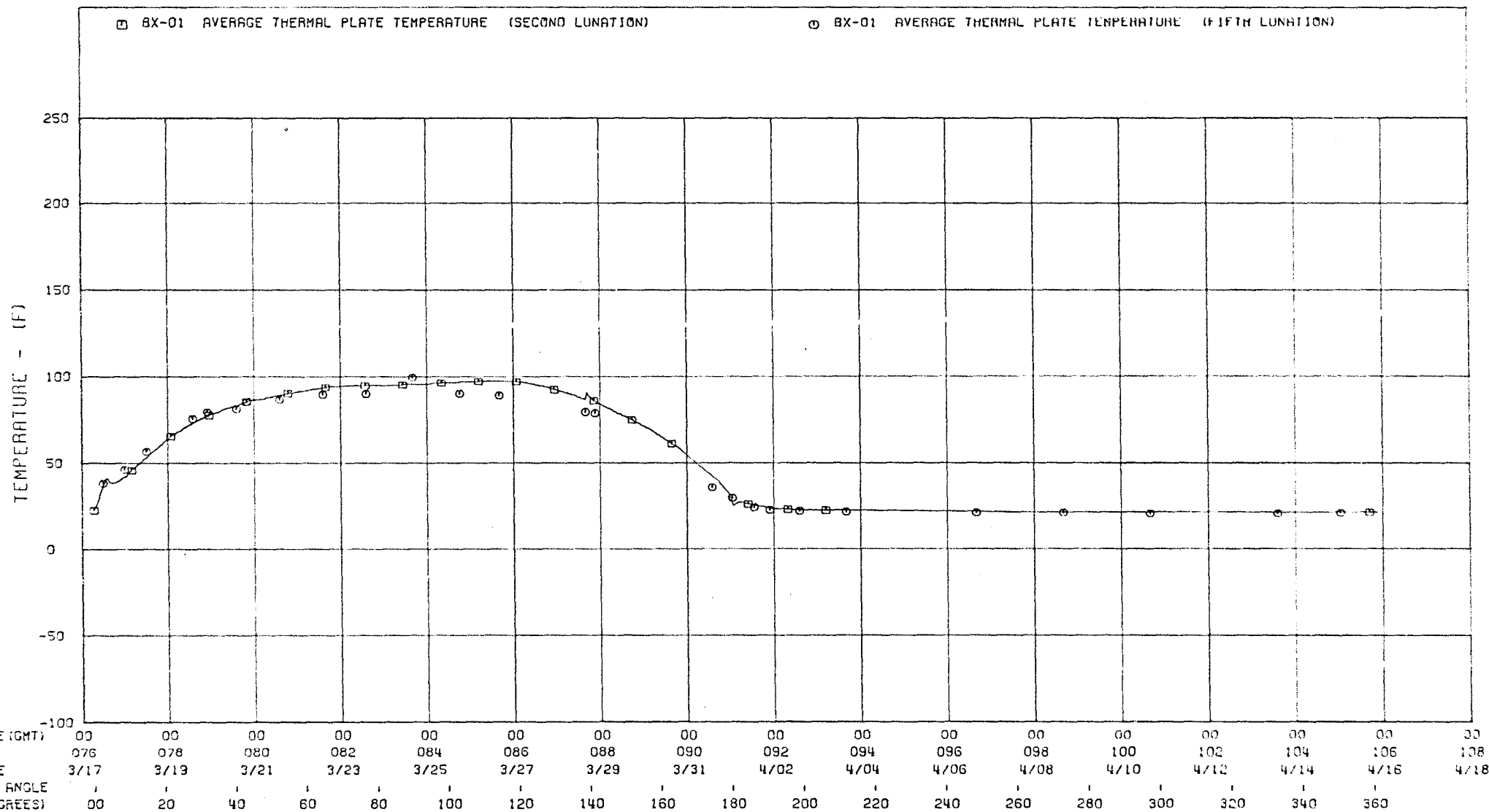
SUNRISE UHI 105 APRIL 15, 1970 AT 1900 GMT



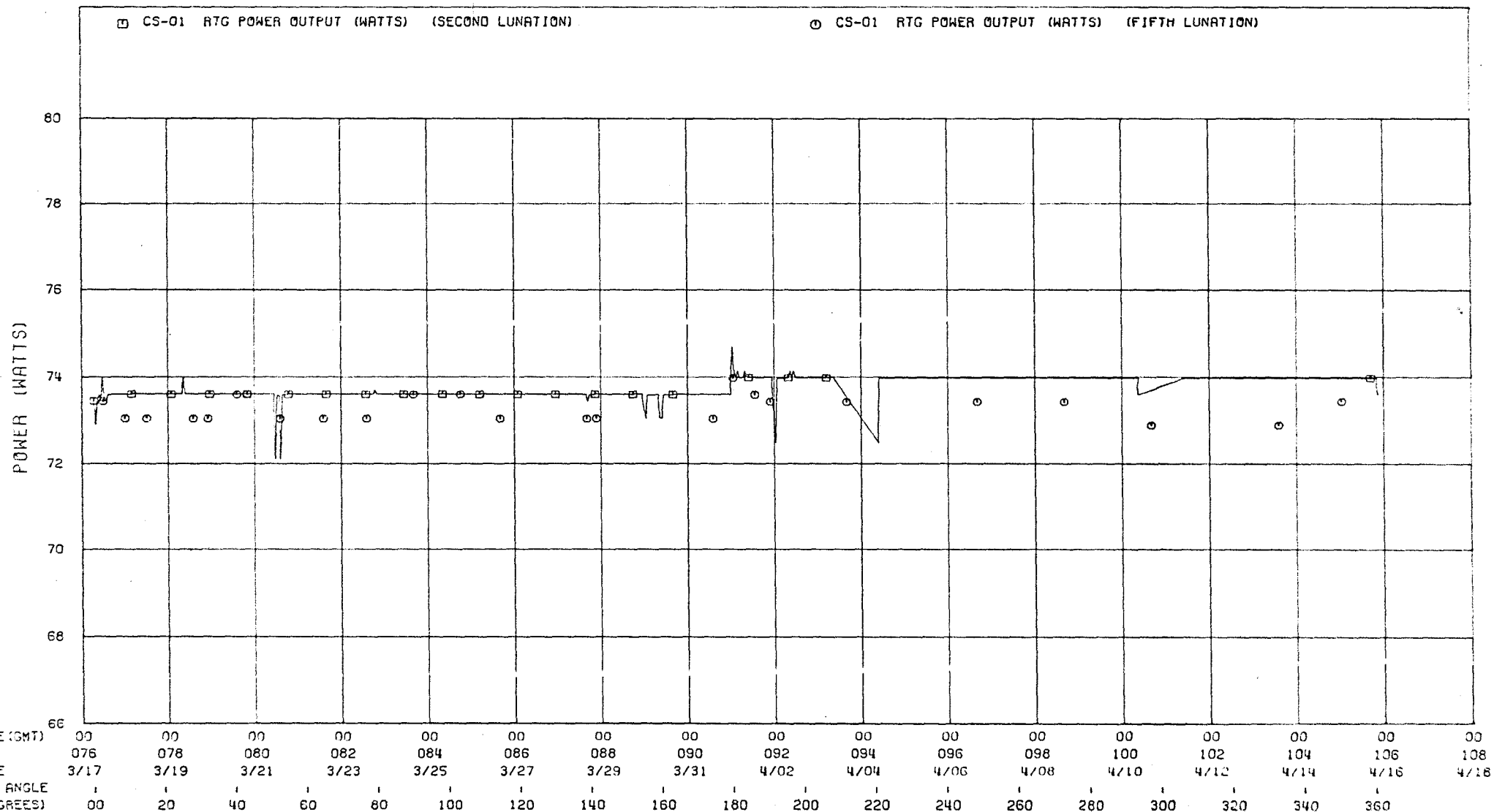
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIFTH ALSEP LUNATION  
 SUNRISE DAY 076 (MARCH 17, 1970) AT 0600 GMT  
 SUNRISE DAY 103 (APRIL 13, 1970) AT 1900 GMT



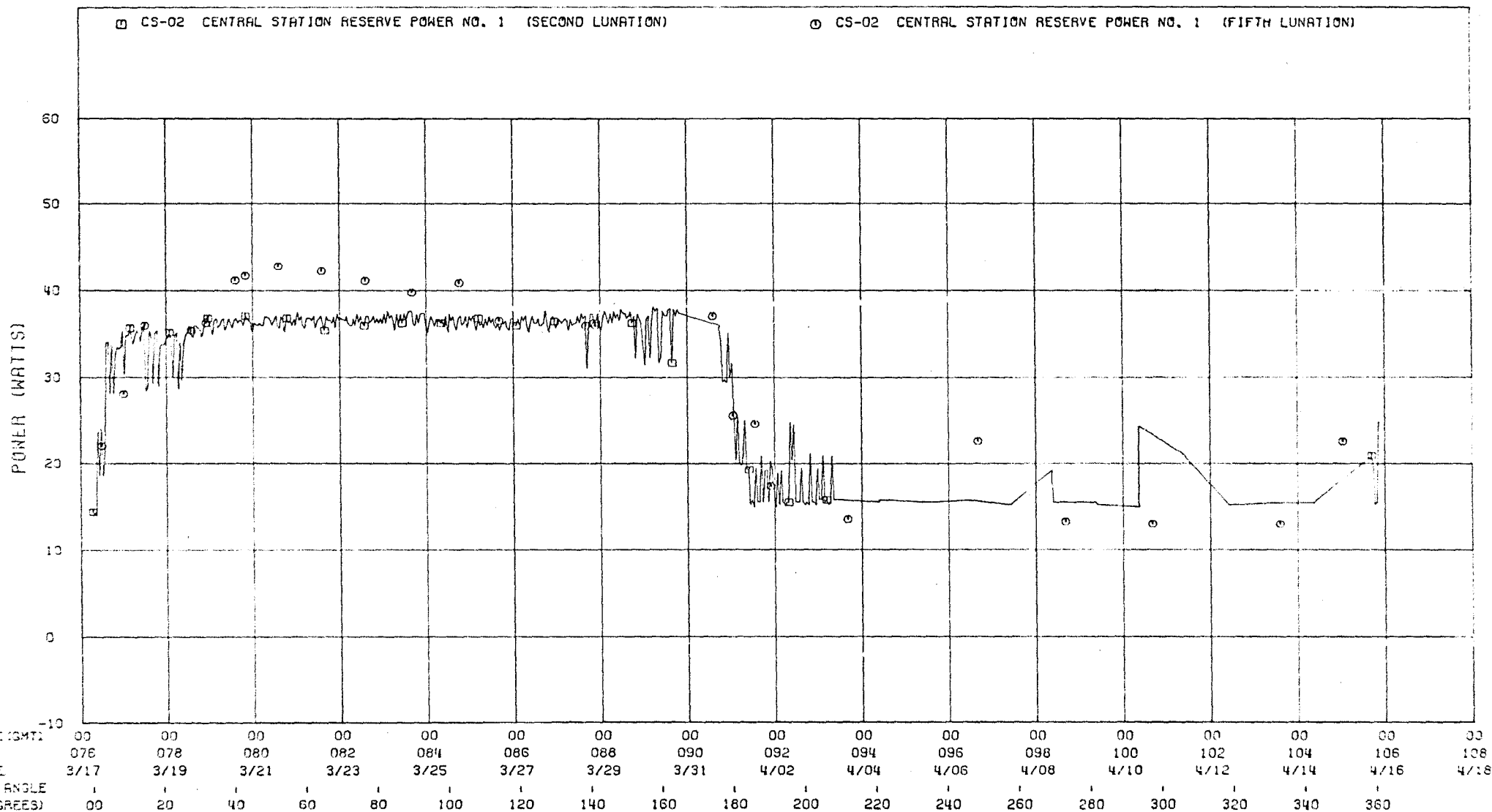
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 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIFTH ALSEP LUNATION  
 SUNRISE DAY 076 (MARCH 17, 1970) AT 0600 GMT  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT



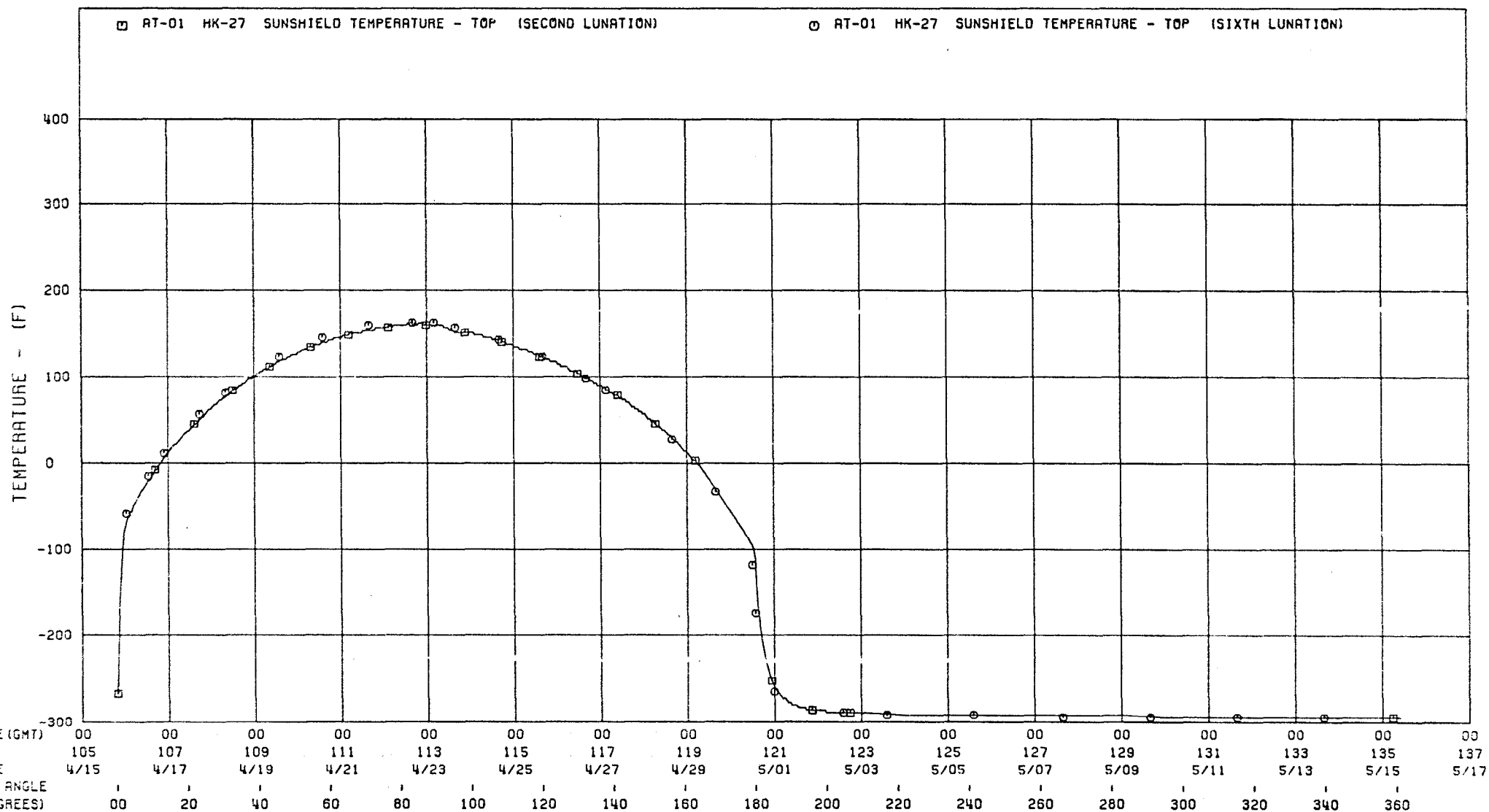
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - FIFTH ALSEP LUNATION  
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 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT



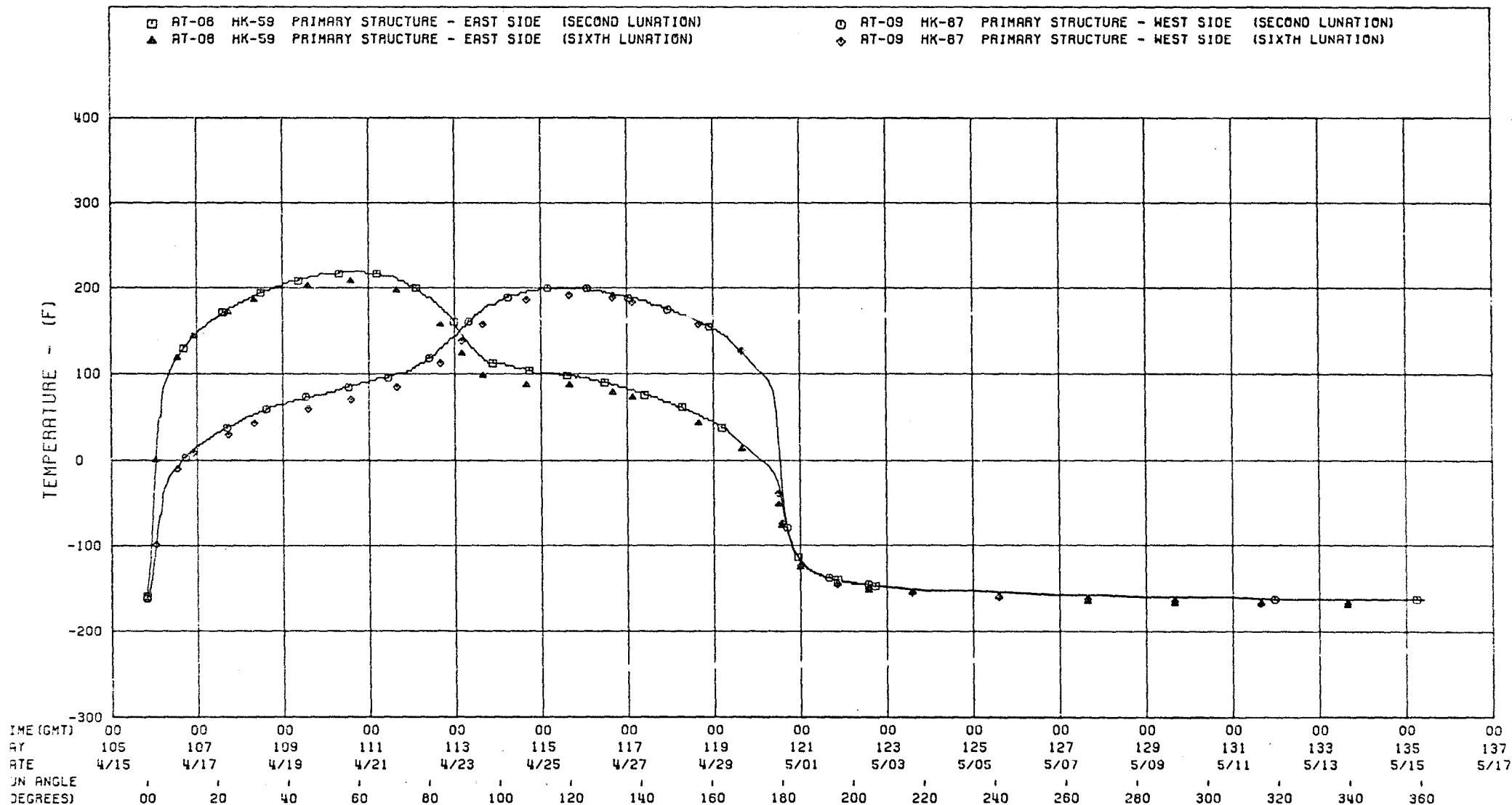
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT



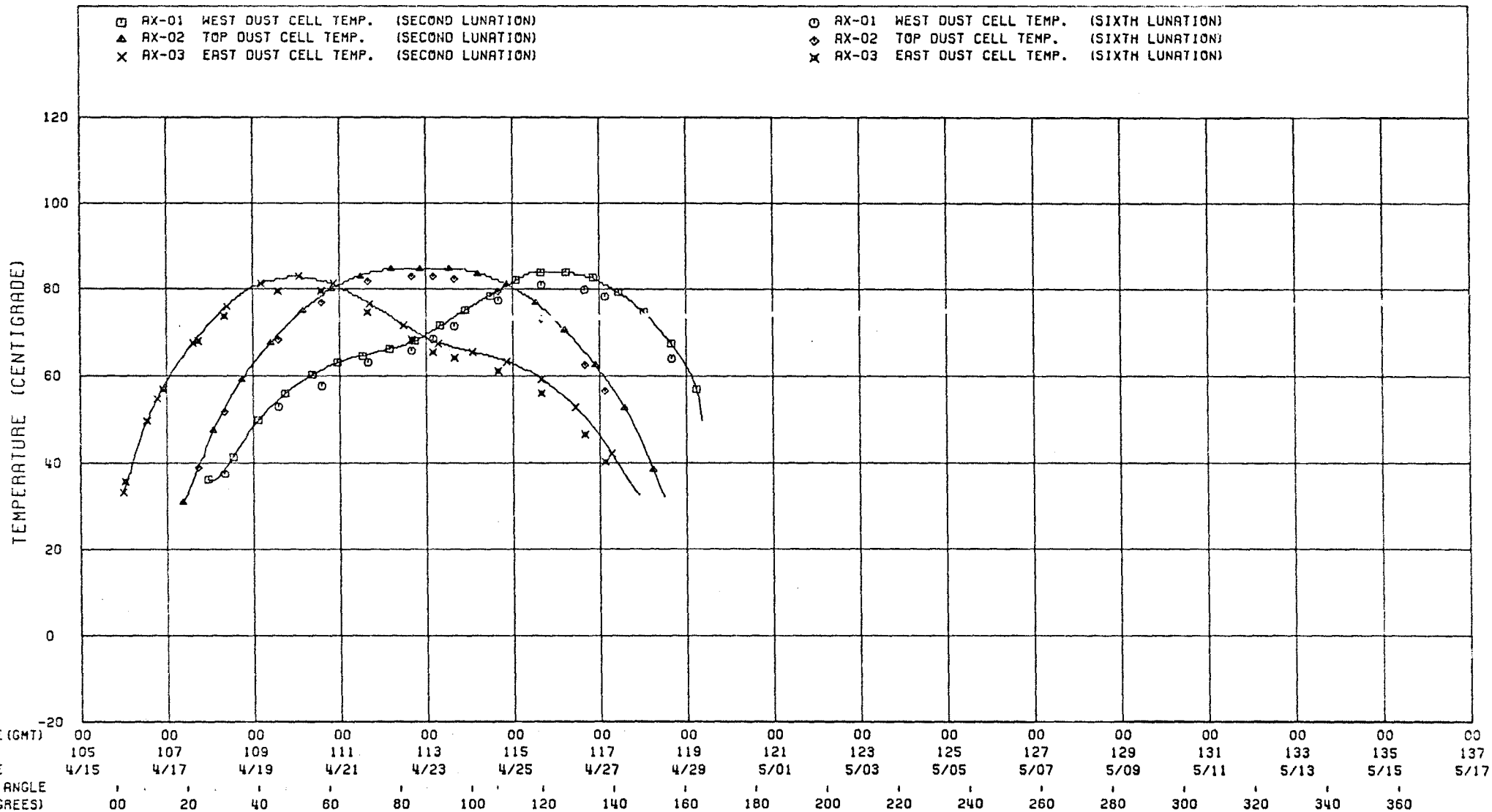
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1800 GMT  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT



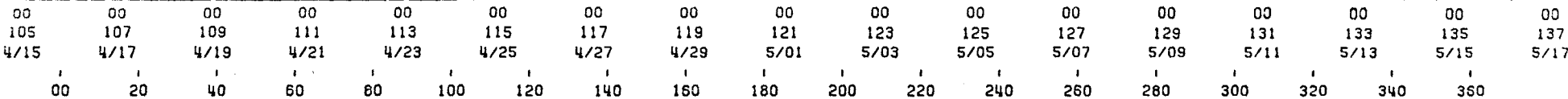
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT



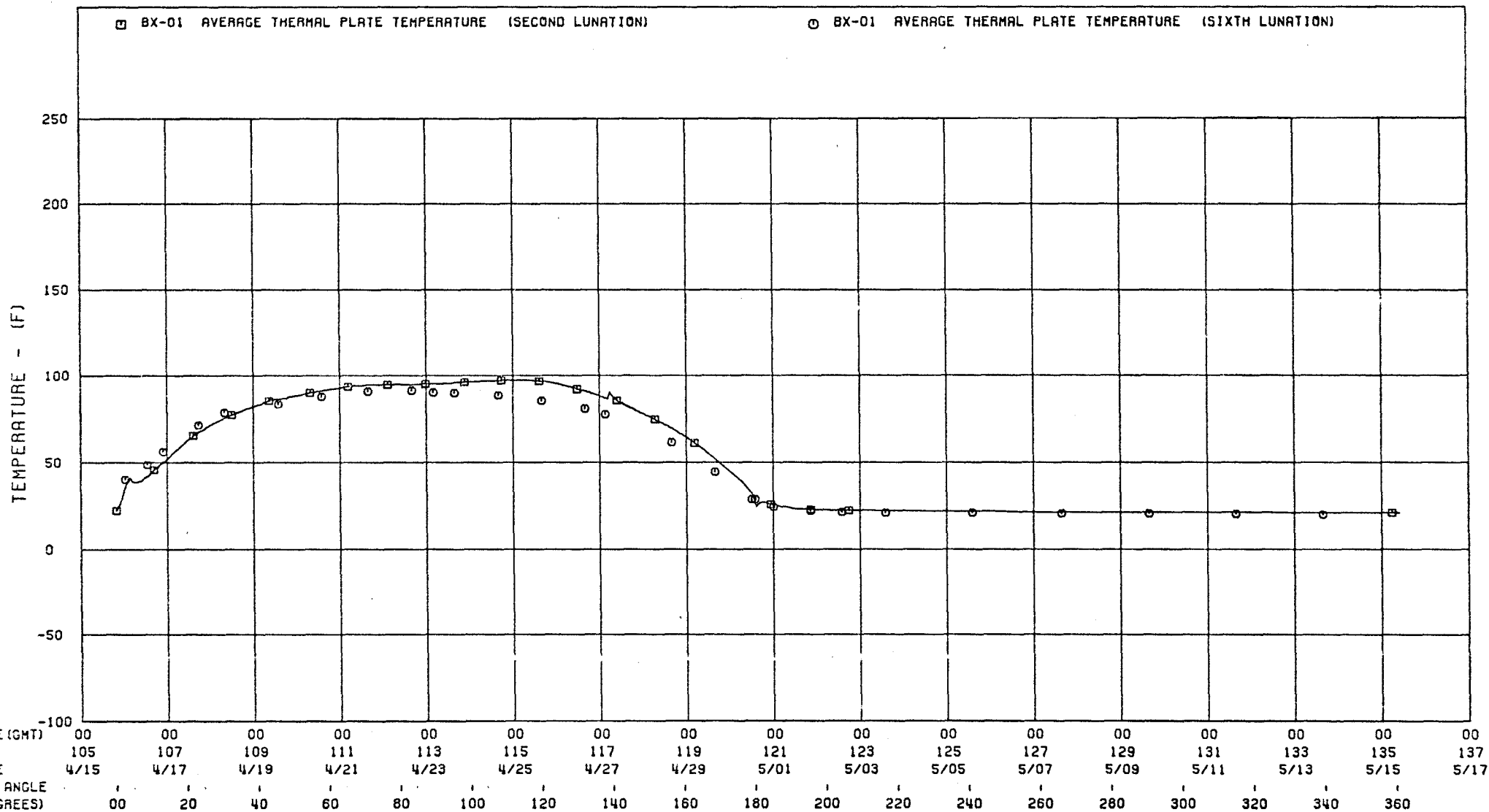
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT  
 SUNRISE UHY 135 (MAY 15, 1970) AT 0700 GMT



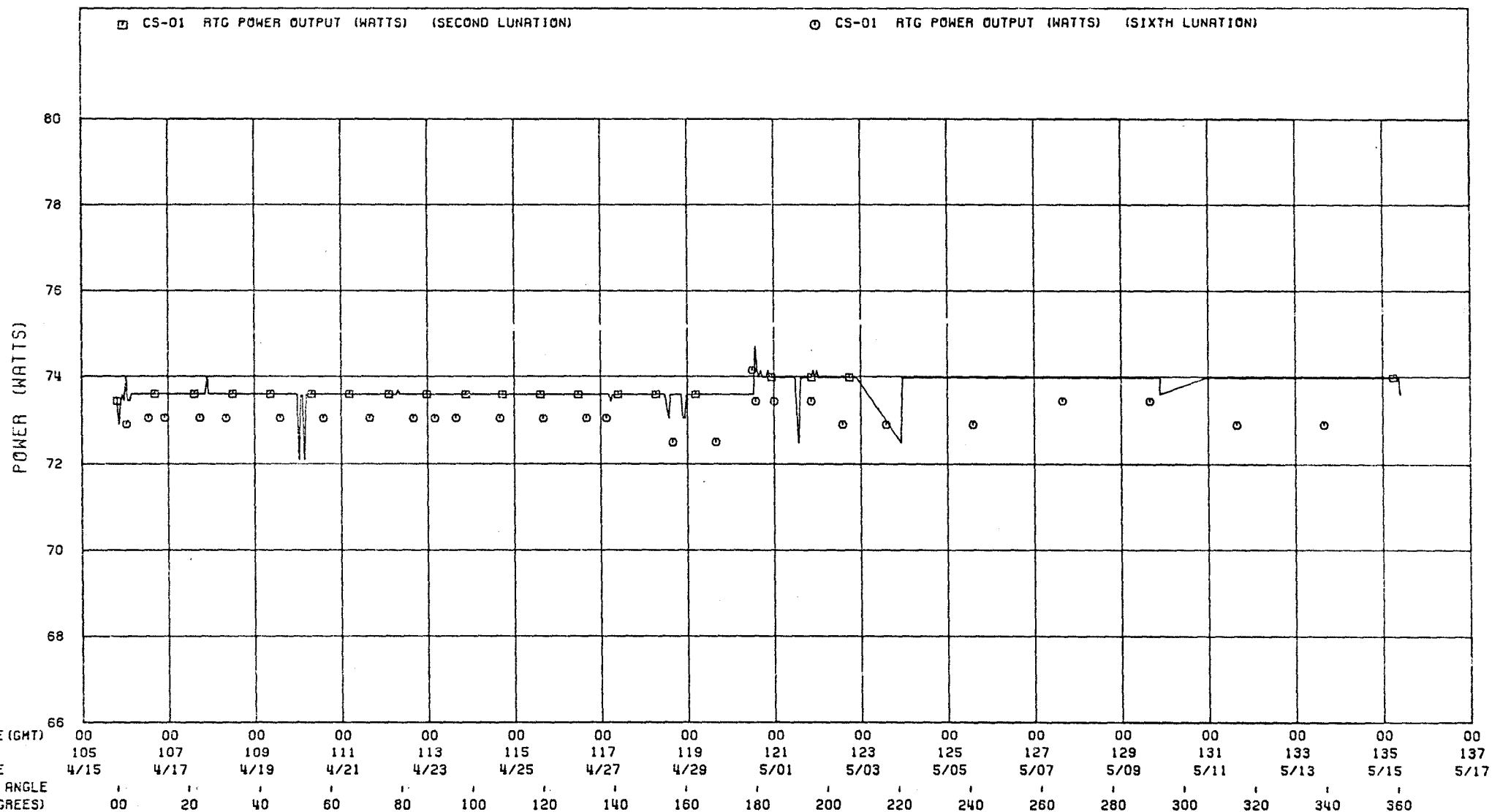
SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1000 GMT  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT



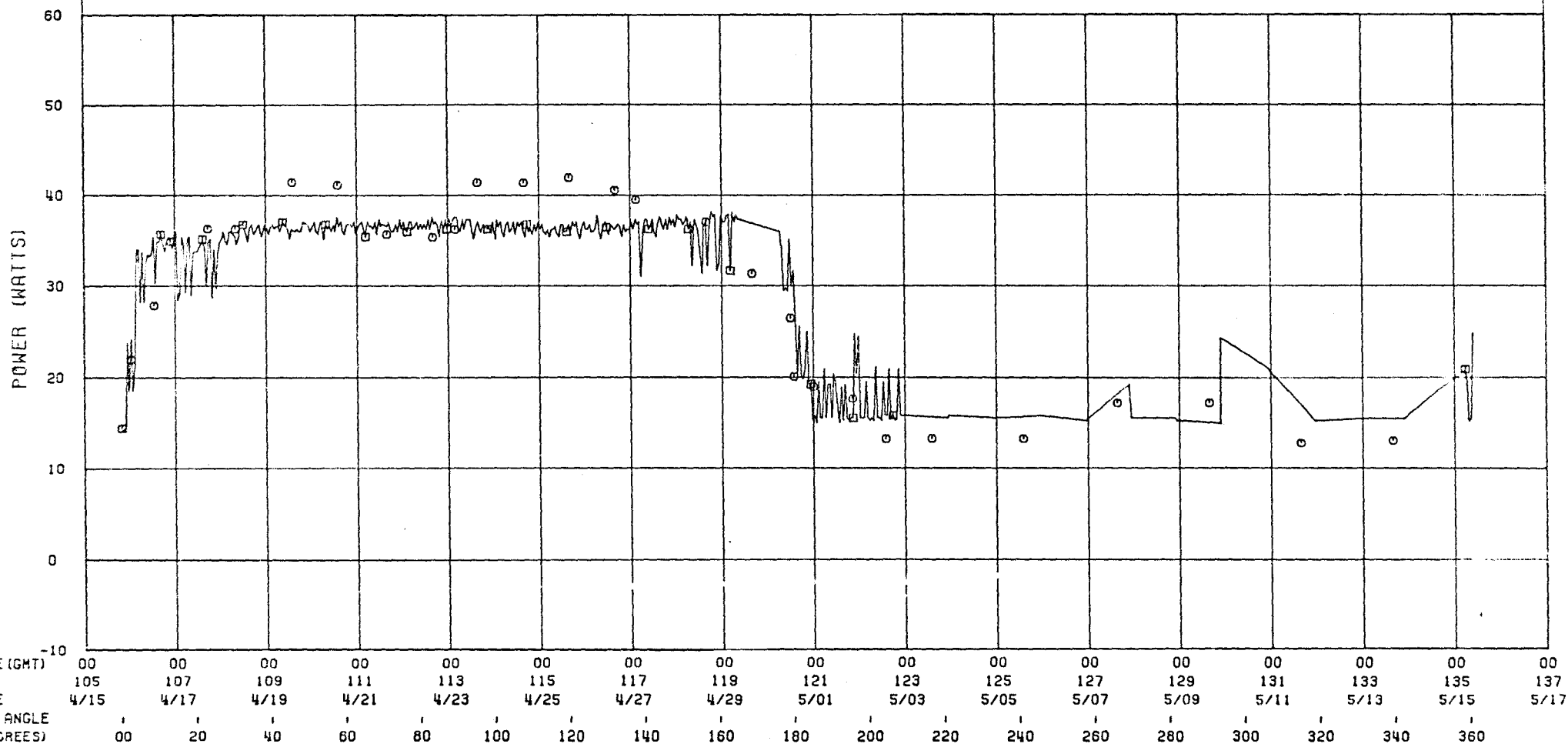
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 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT



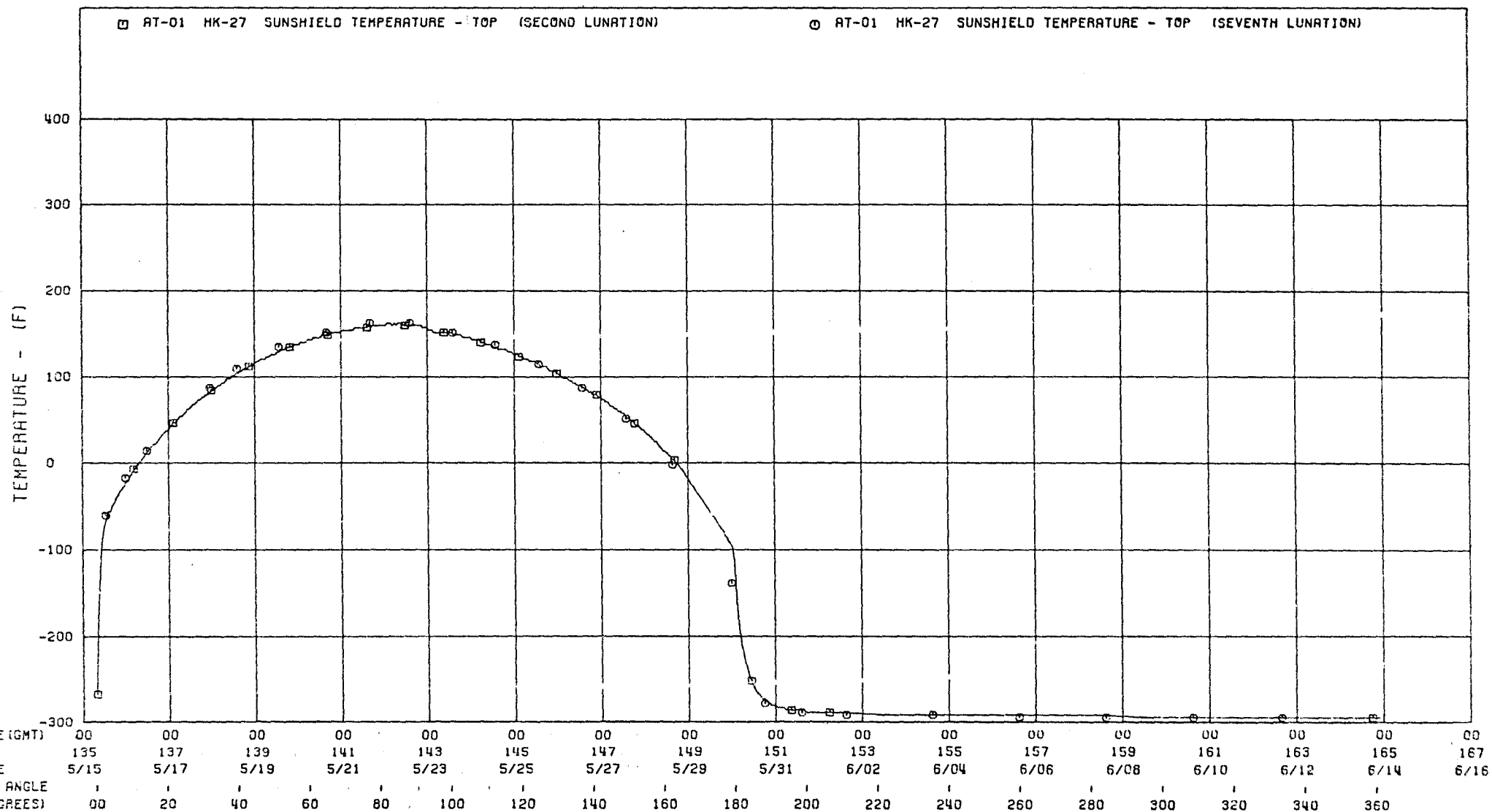
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT

□ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (SECOND LUNATION)

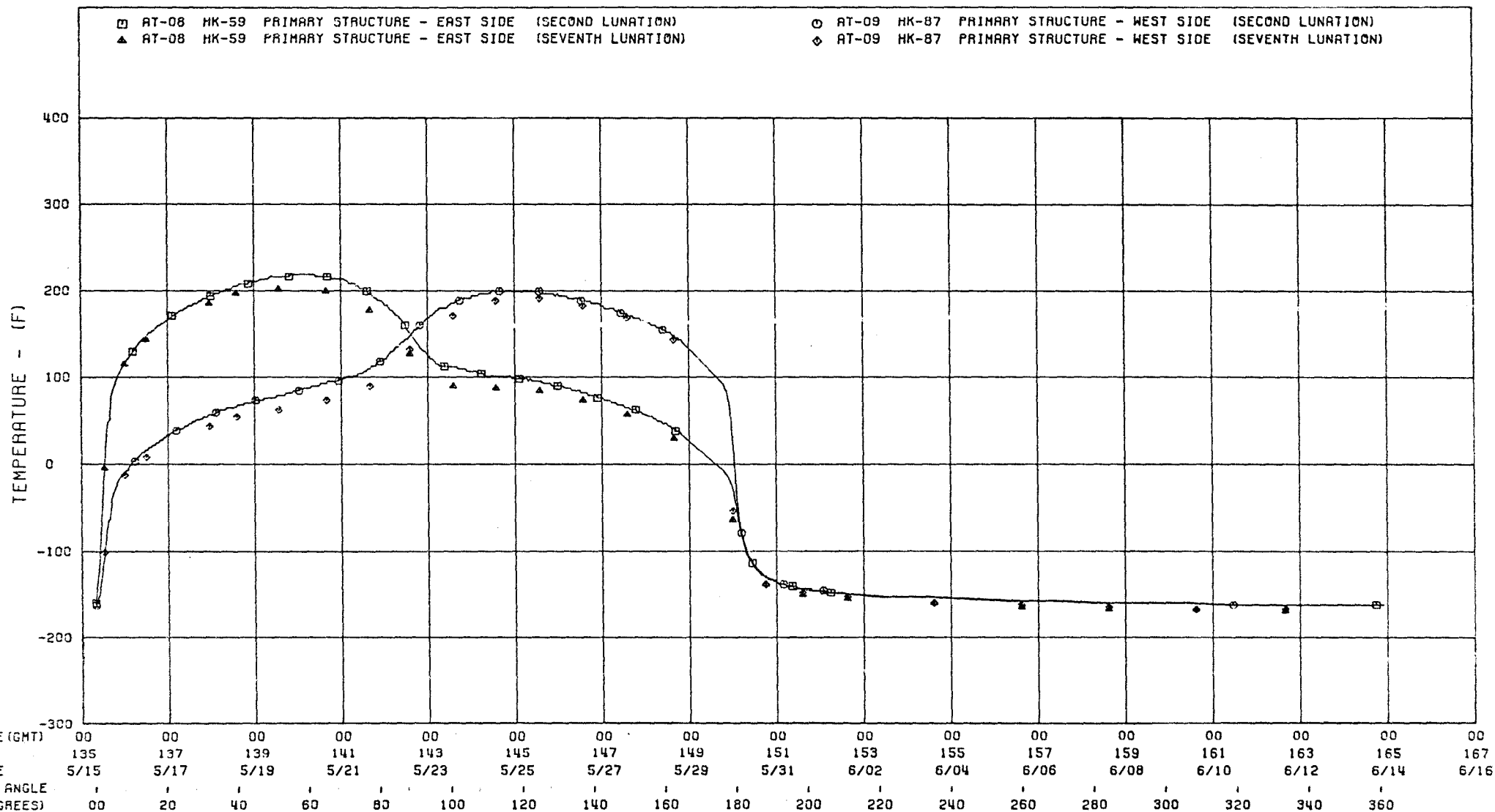
○ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (SIXTH LUNATION)



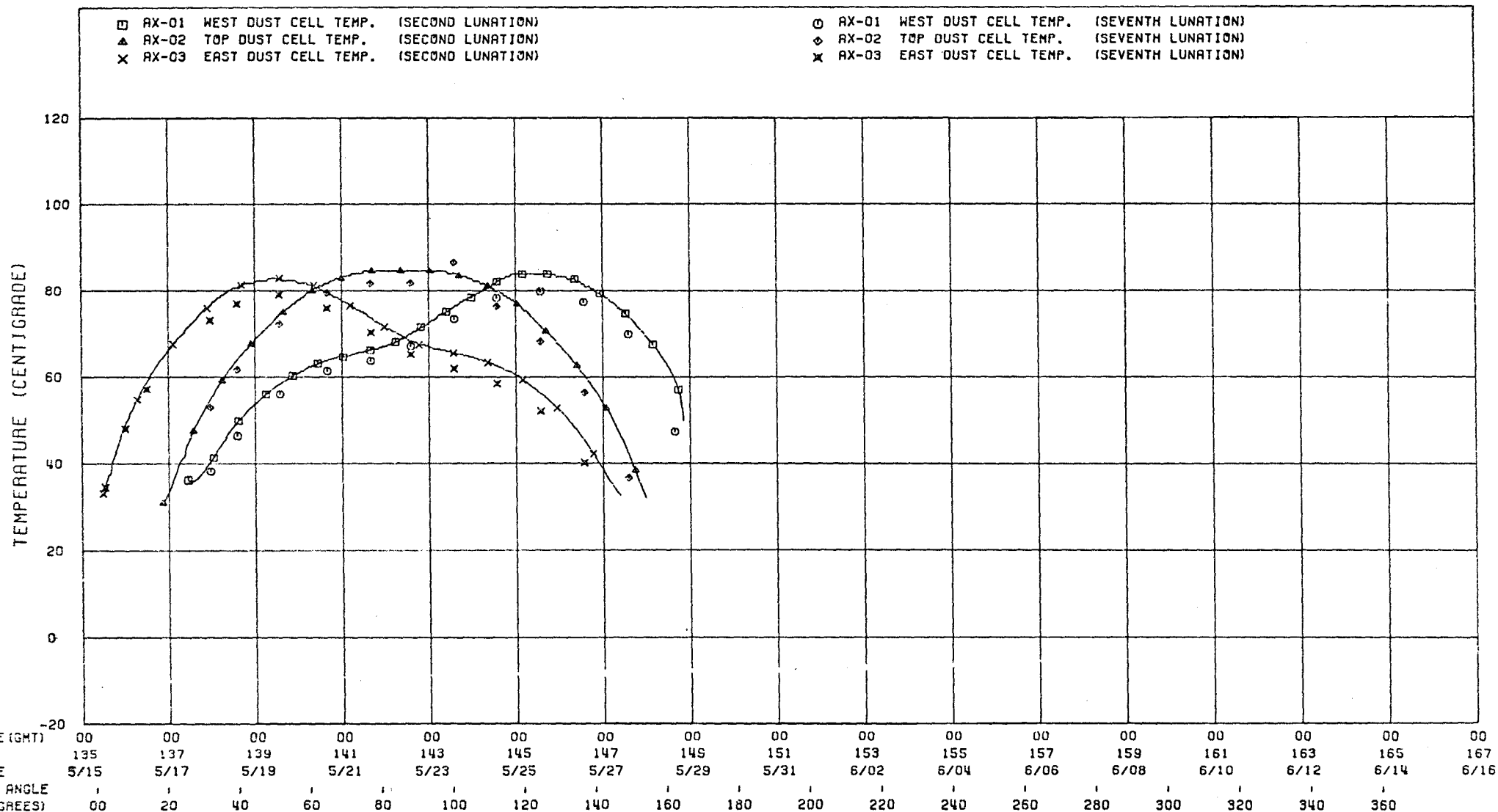
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 7 TH ALSEP LUNATION  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT



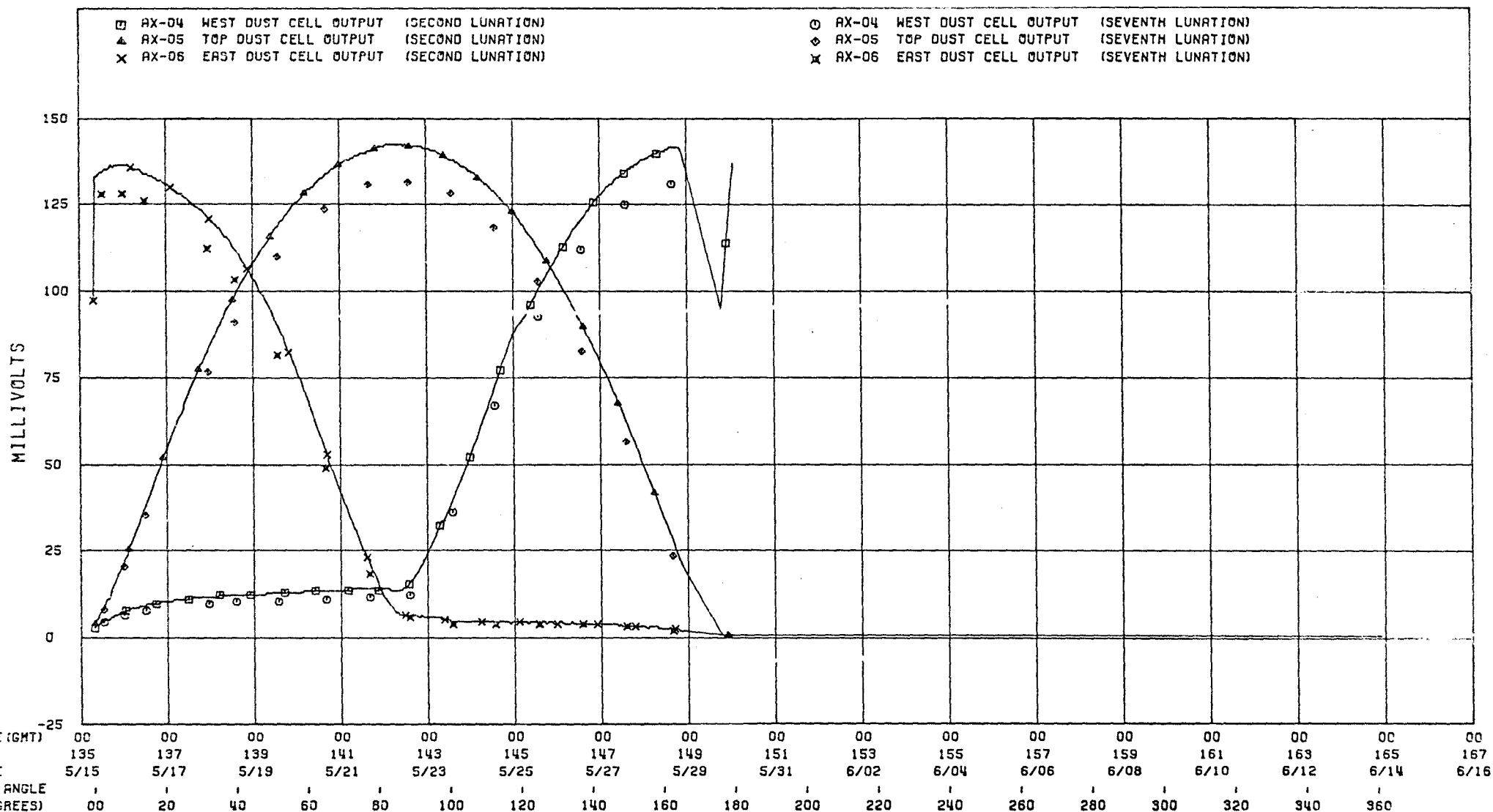
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 7 TH ALSEP LUNATION  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT

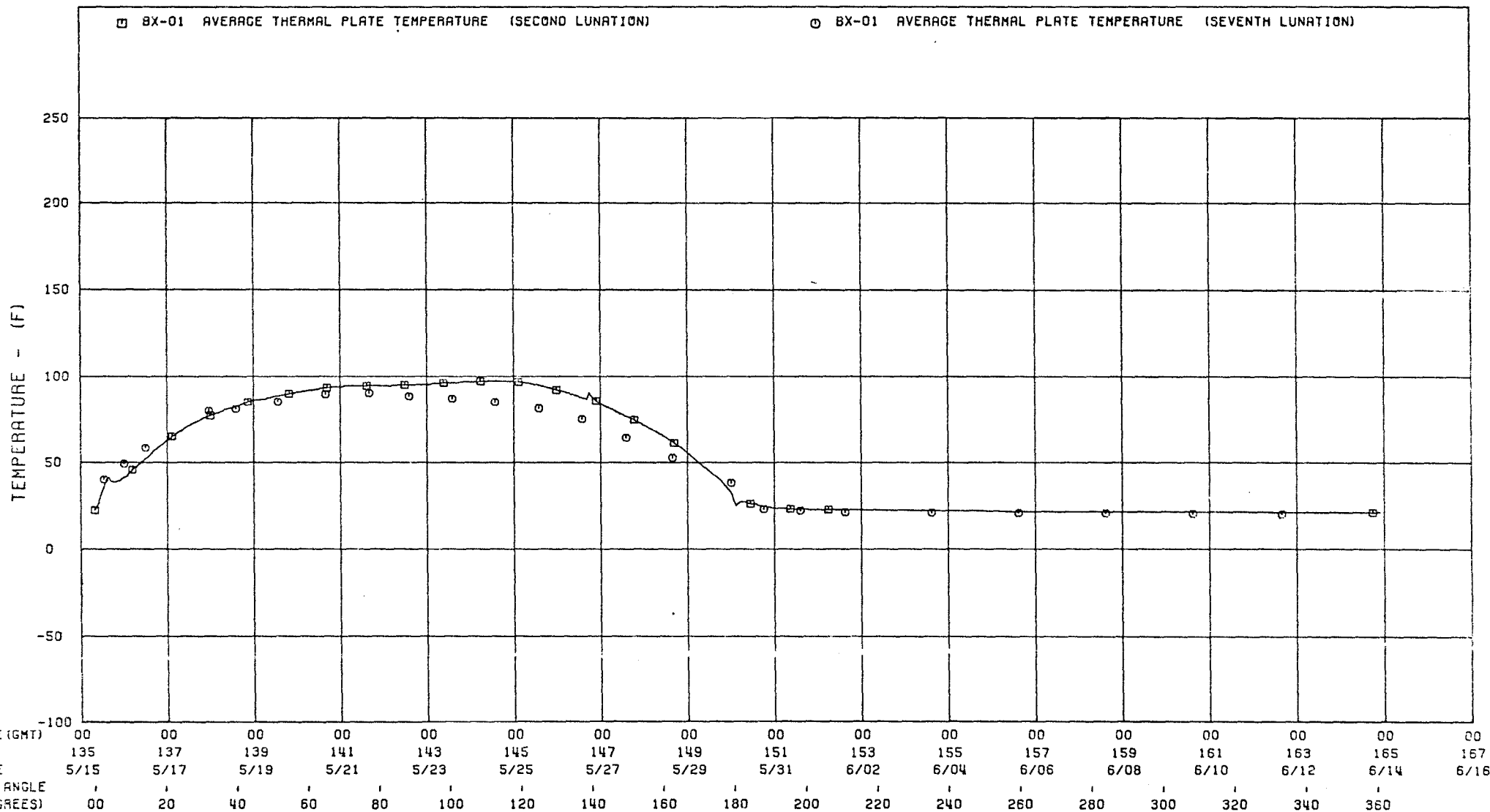


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 7 TH ALSEP LUNATION  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT

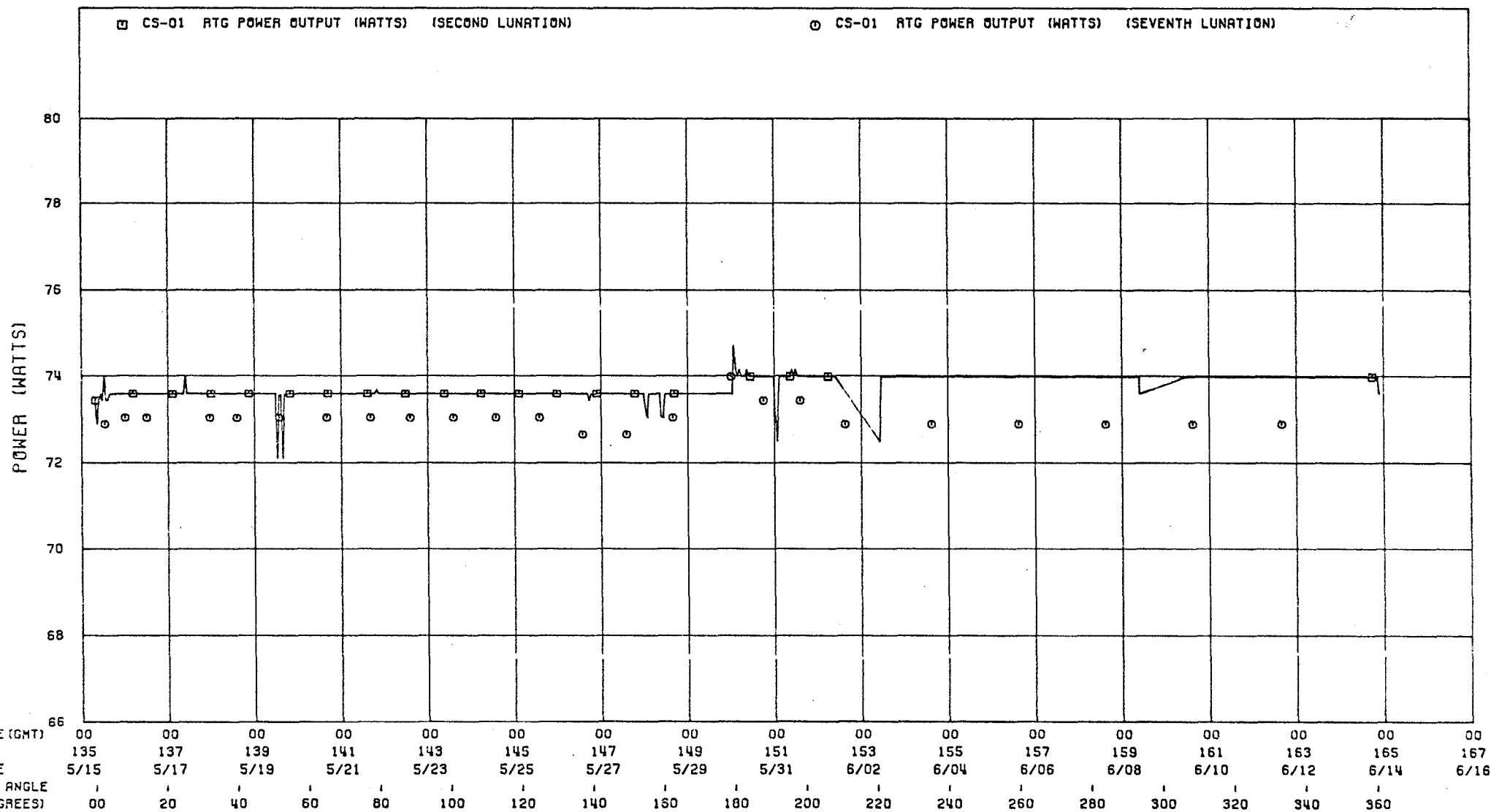


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 7 TH ALSEP LUNATION

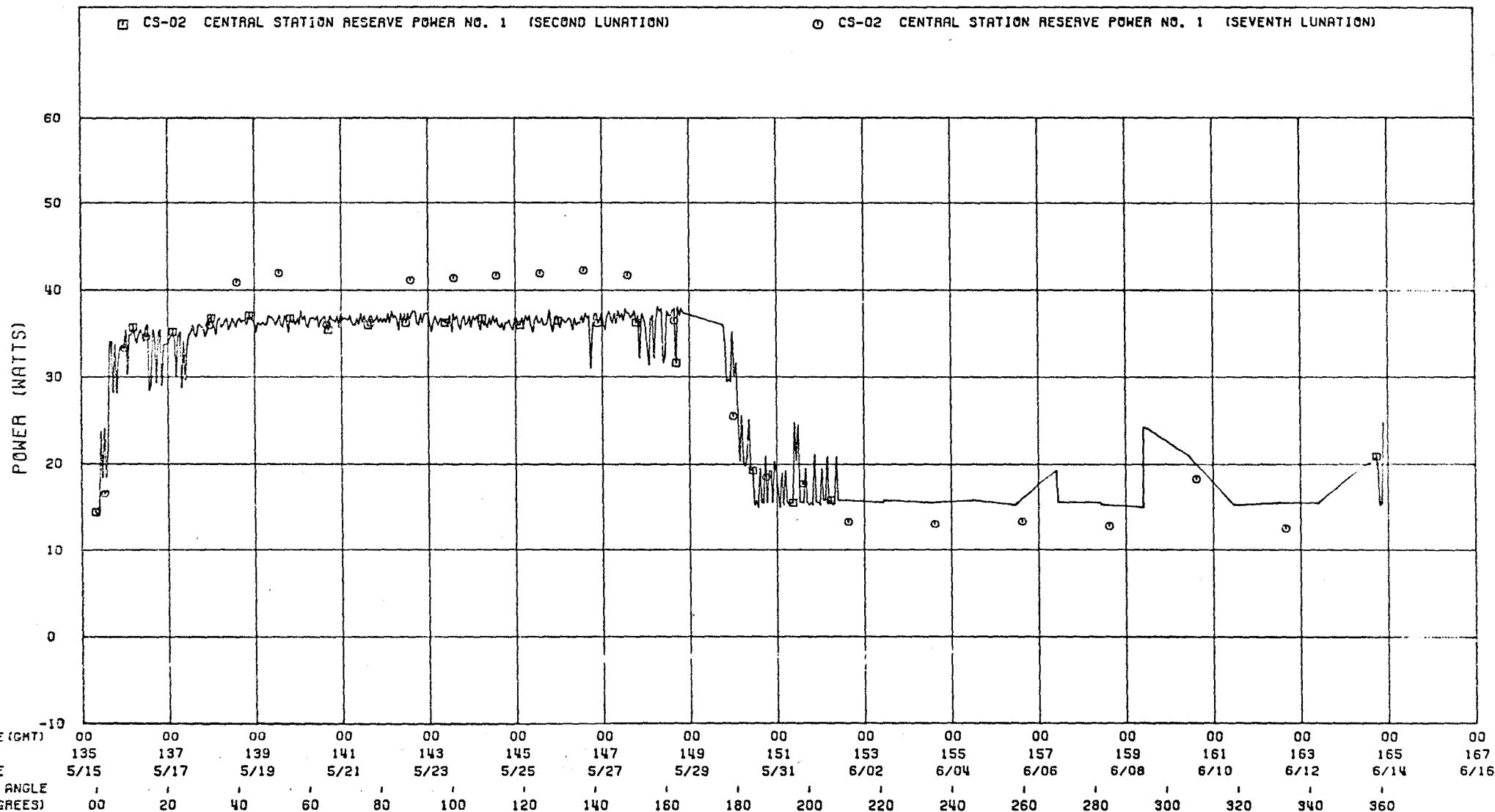
SUNRISE DAY 153 (MAY 15, 1970) AT 0700 GMT  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT



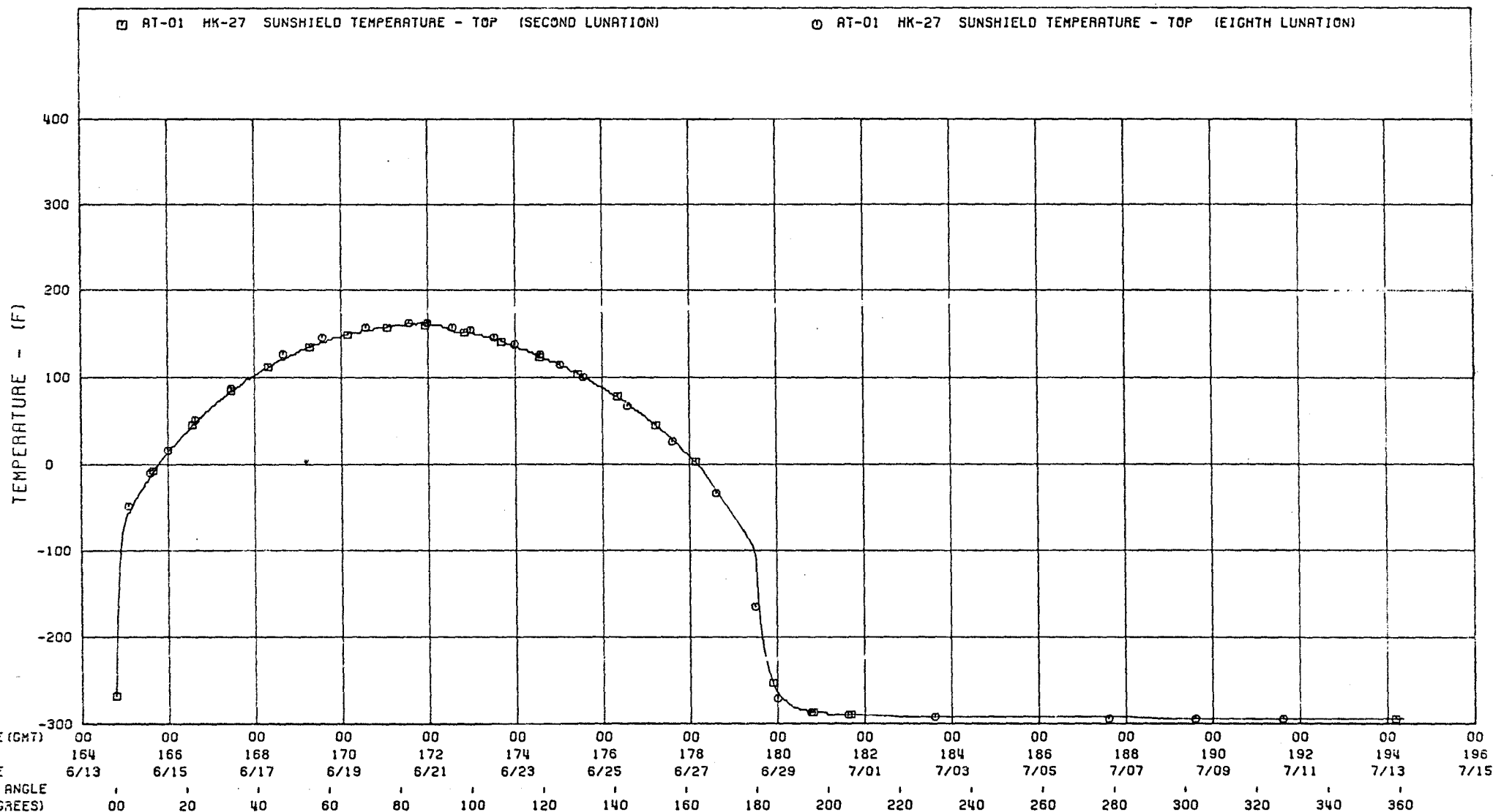
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 7 TH ALSEP LUNATION  
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 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT



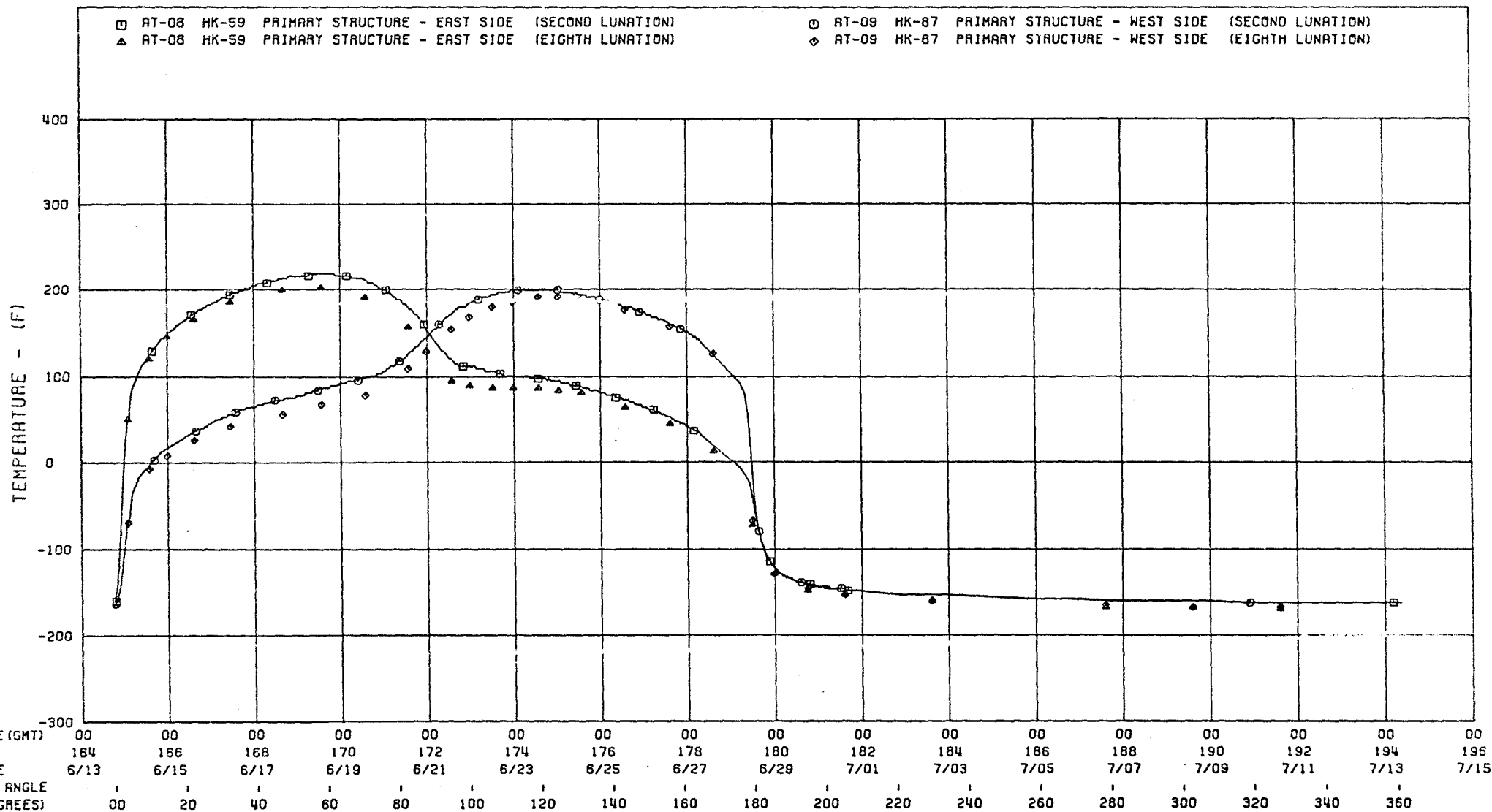
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 7 TH ALSEP LUNATION  
 SUNRISE DAY 155 (MAY 15, 1970) AT 0700 GMT  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT



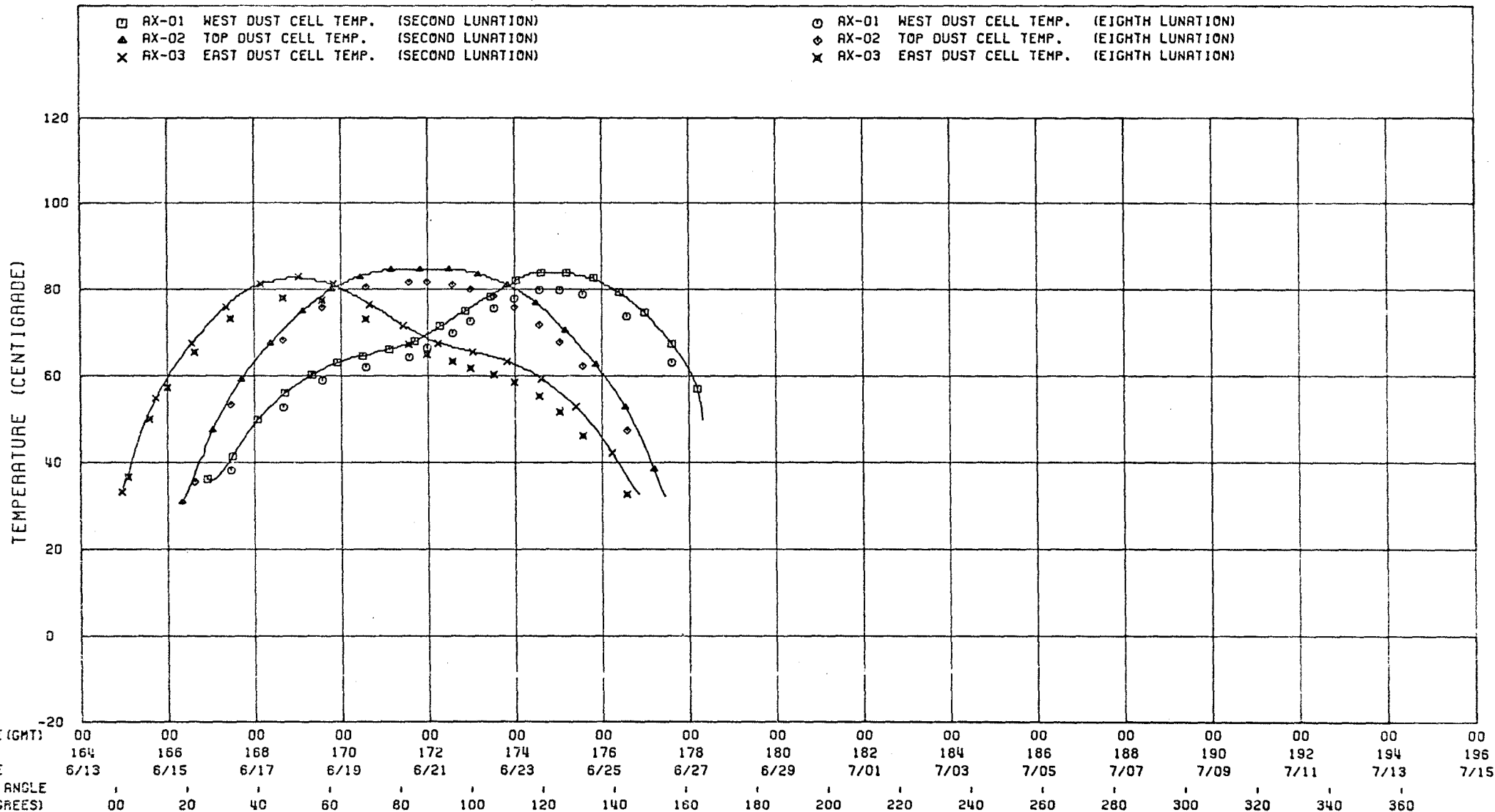
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 164 (JUNE 12, 1970) AT 1600 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT



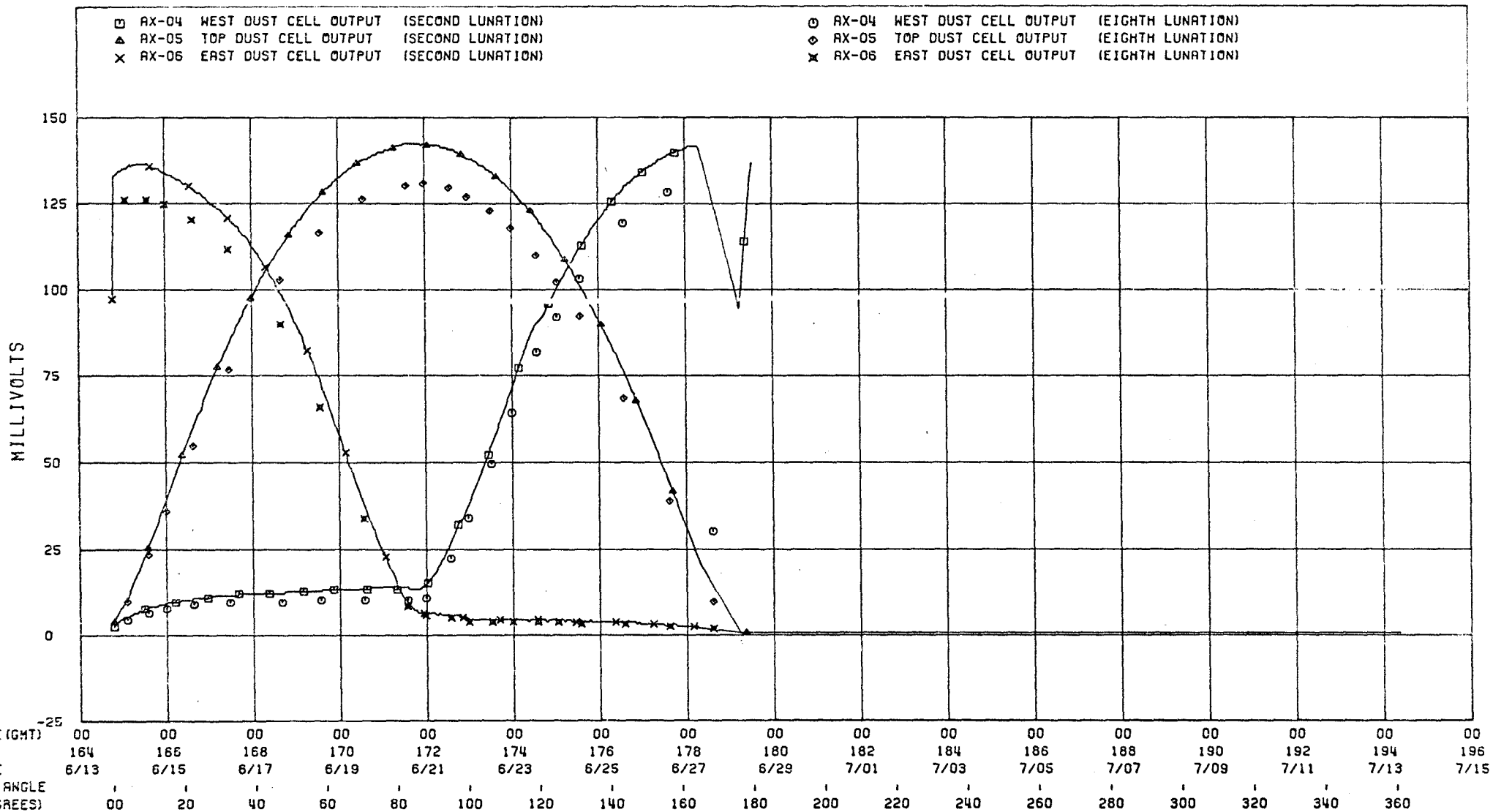
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT



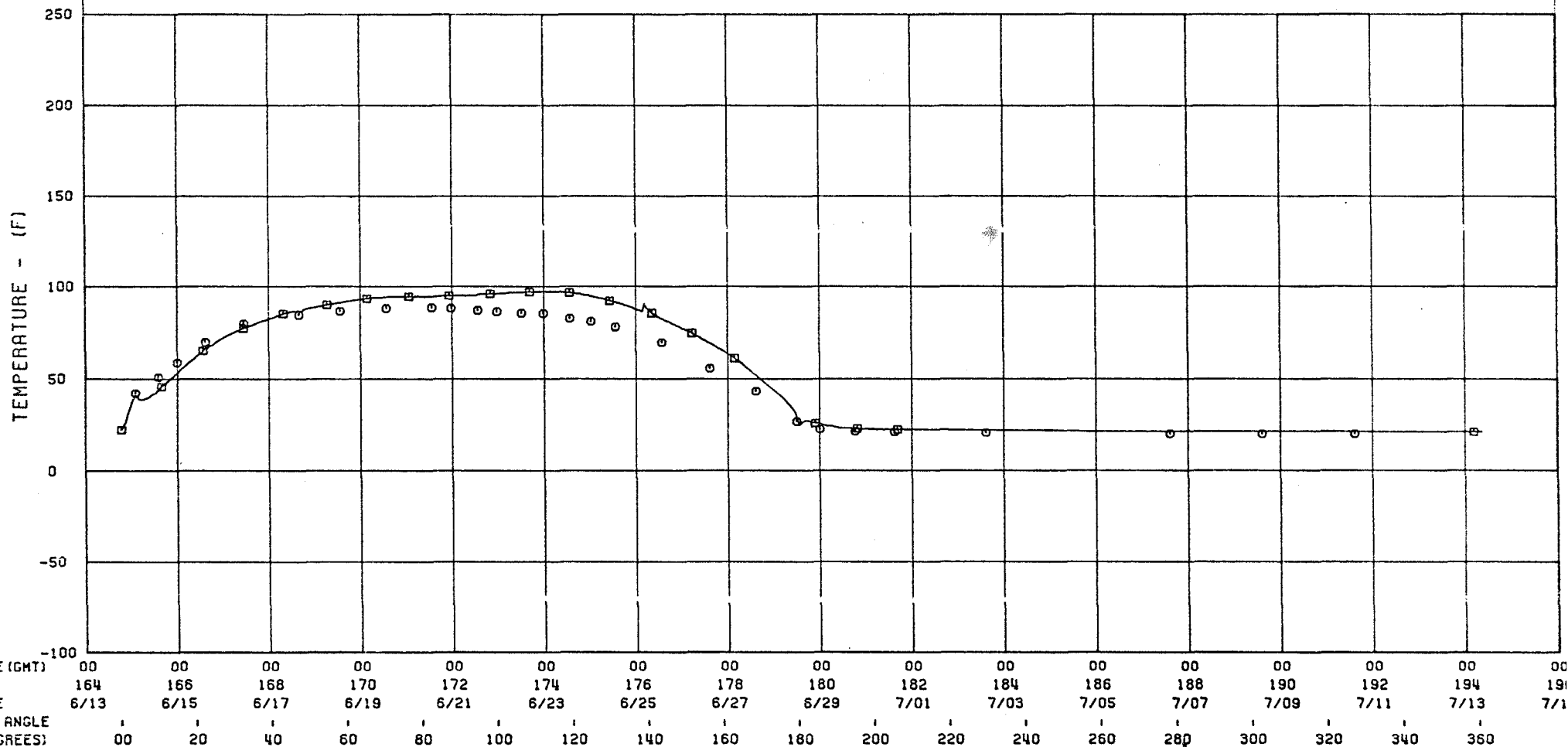
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 184 (JUNE 13, 1970) AT 1800 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT



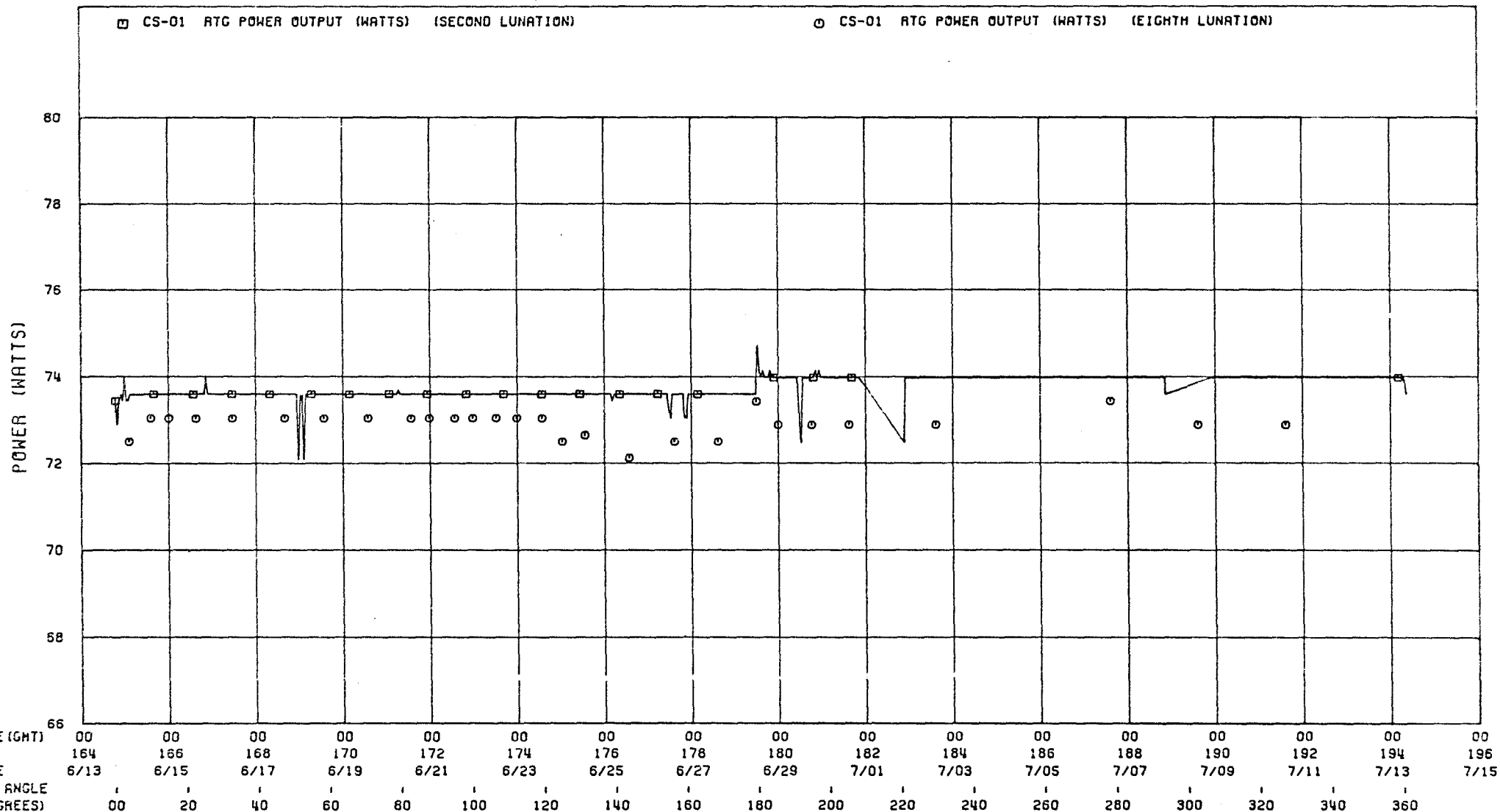
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT

□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SECOND LUNATION)

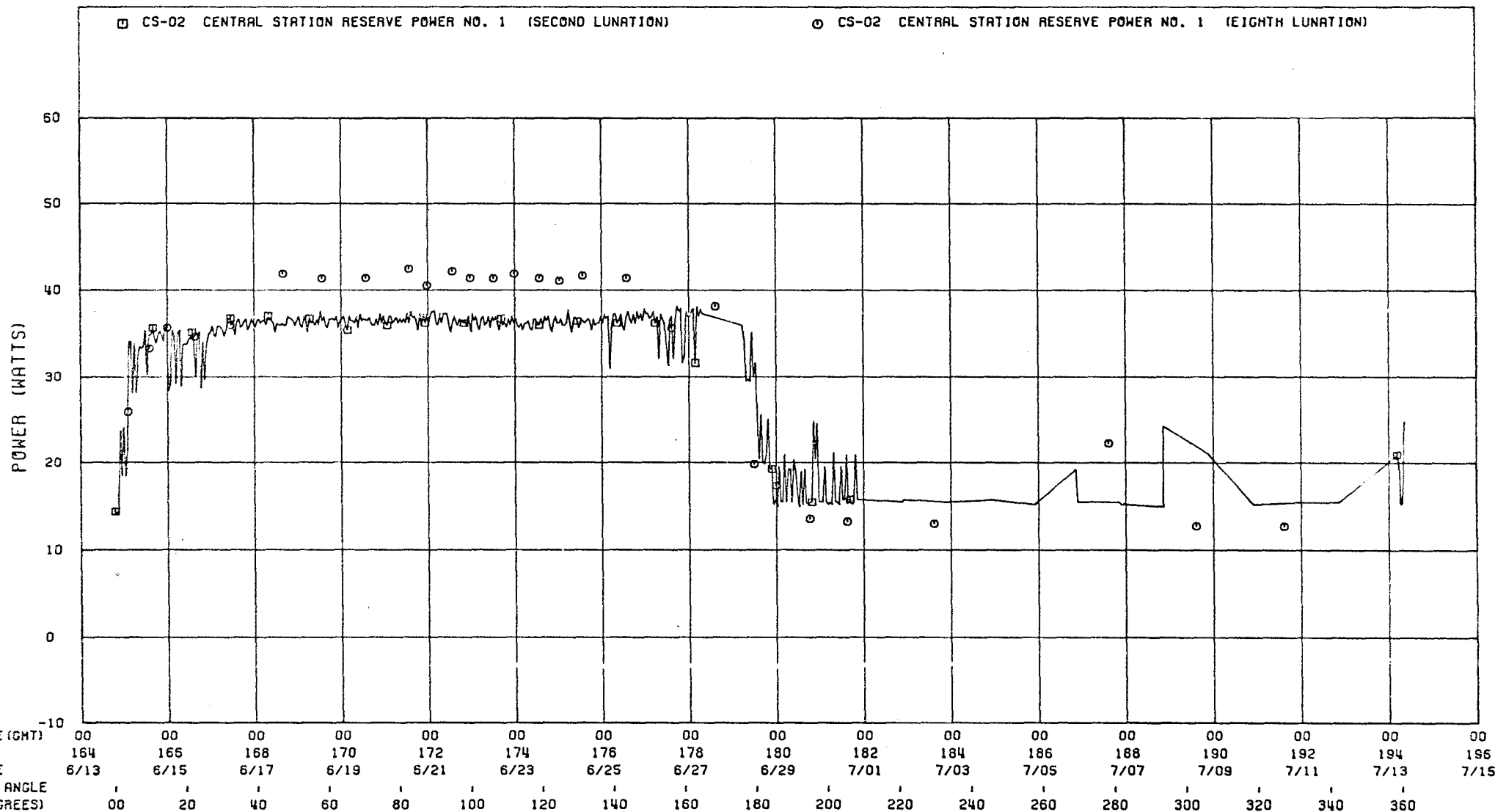
○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (EIGHTH LUNATION)



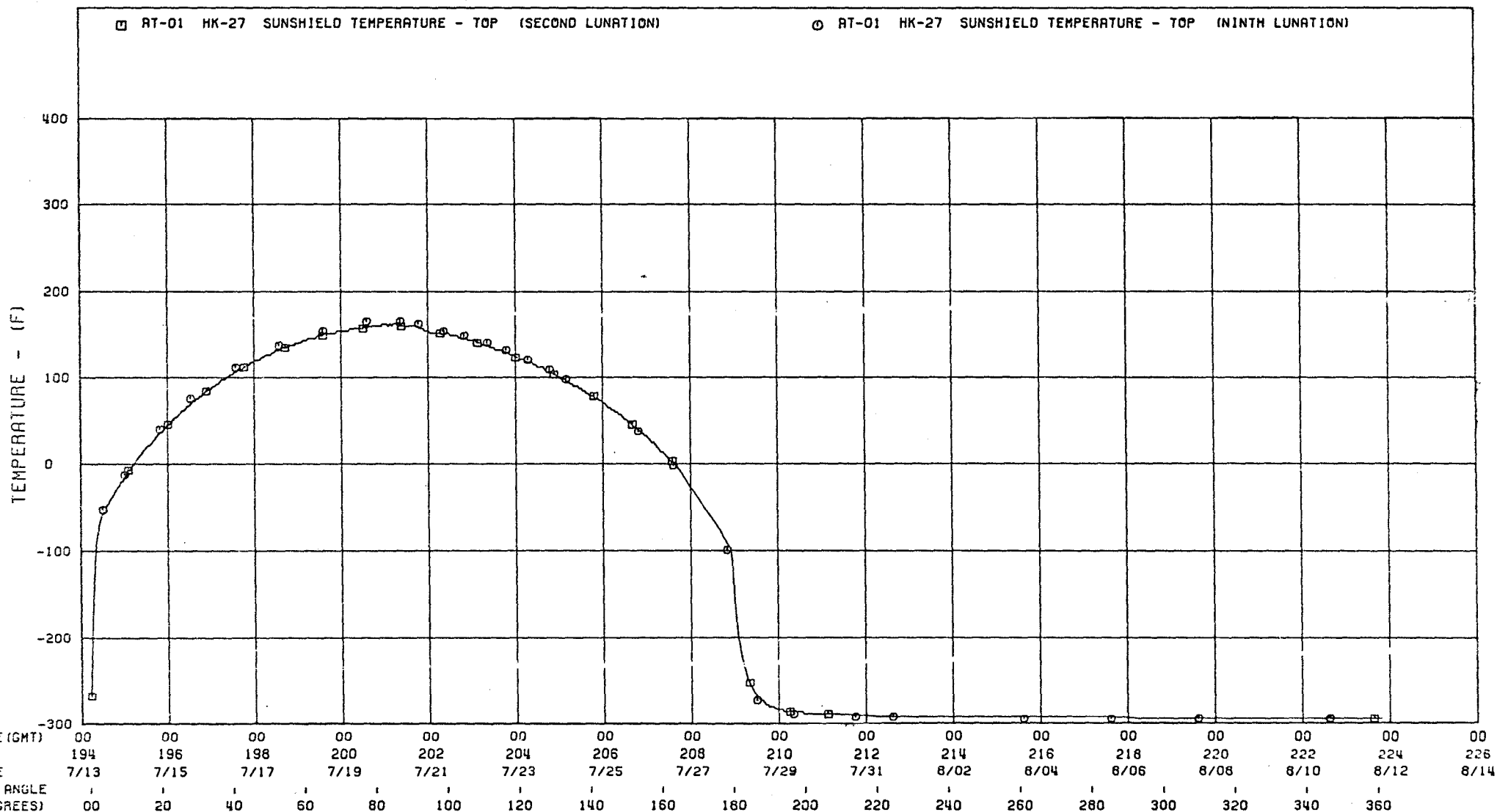
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT



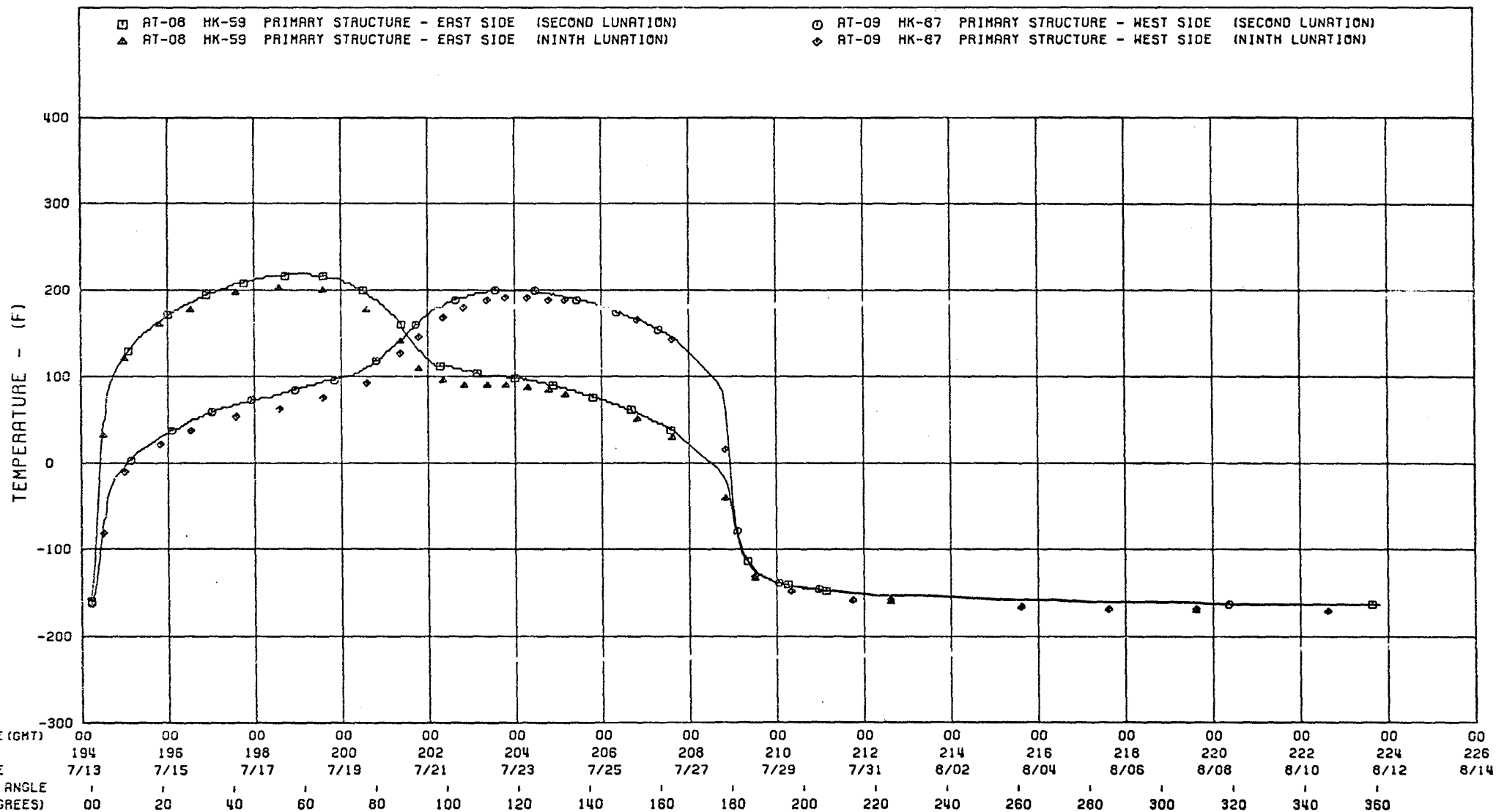
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 8 TH ALSEP LUNATION  
 SUNRISE DAY 164 (JUNE 13, 1970) AT 1800 GMT  
 SUNRISE DAY 194 (JULY 13, 1970) AT 0429 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION  
 SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT



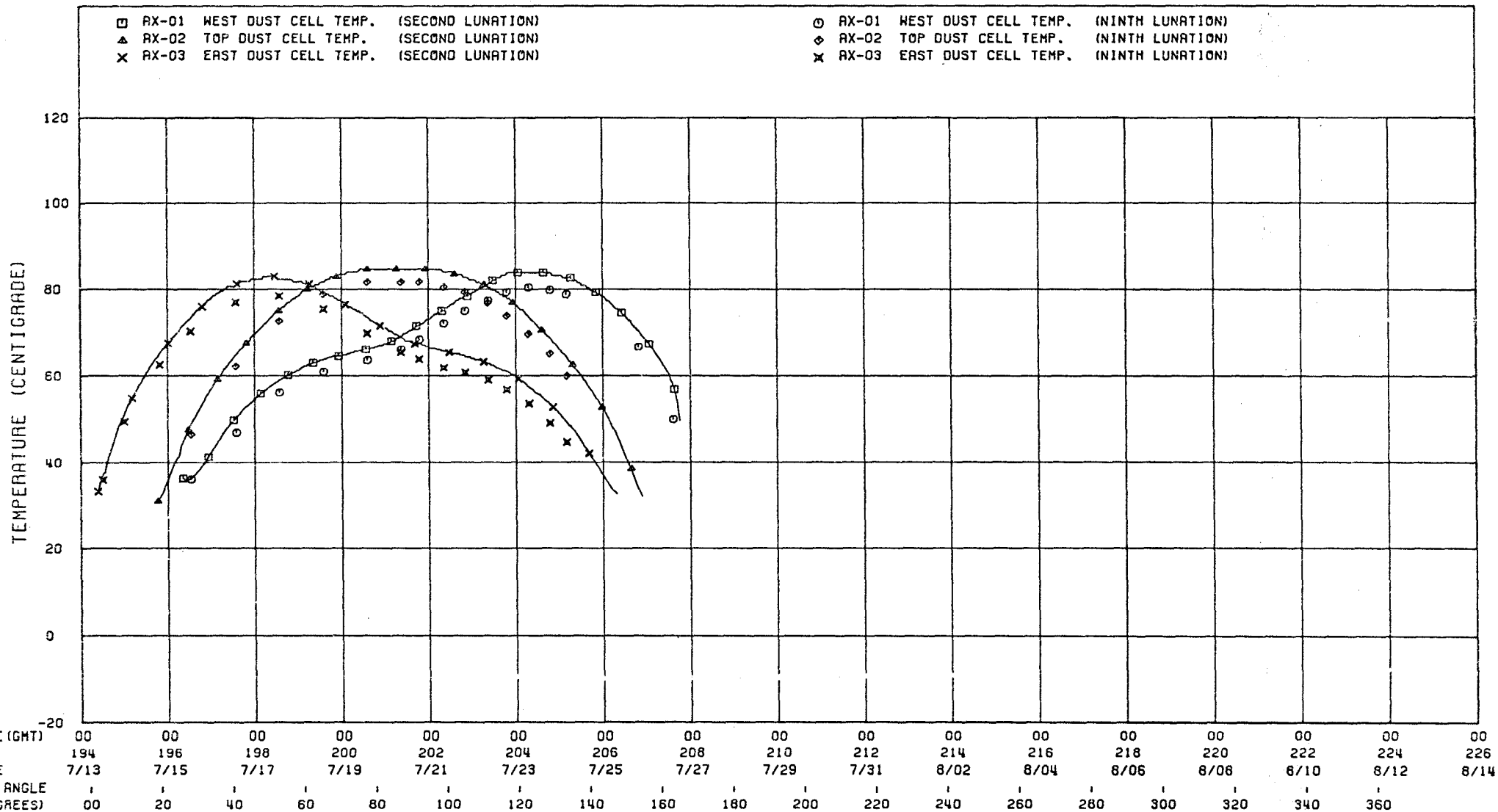
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION  
 SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT



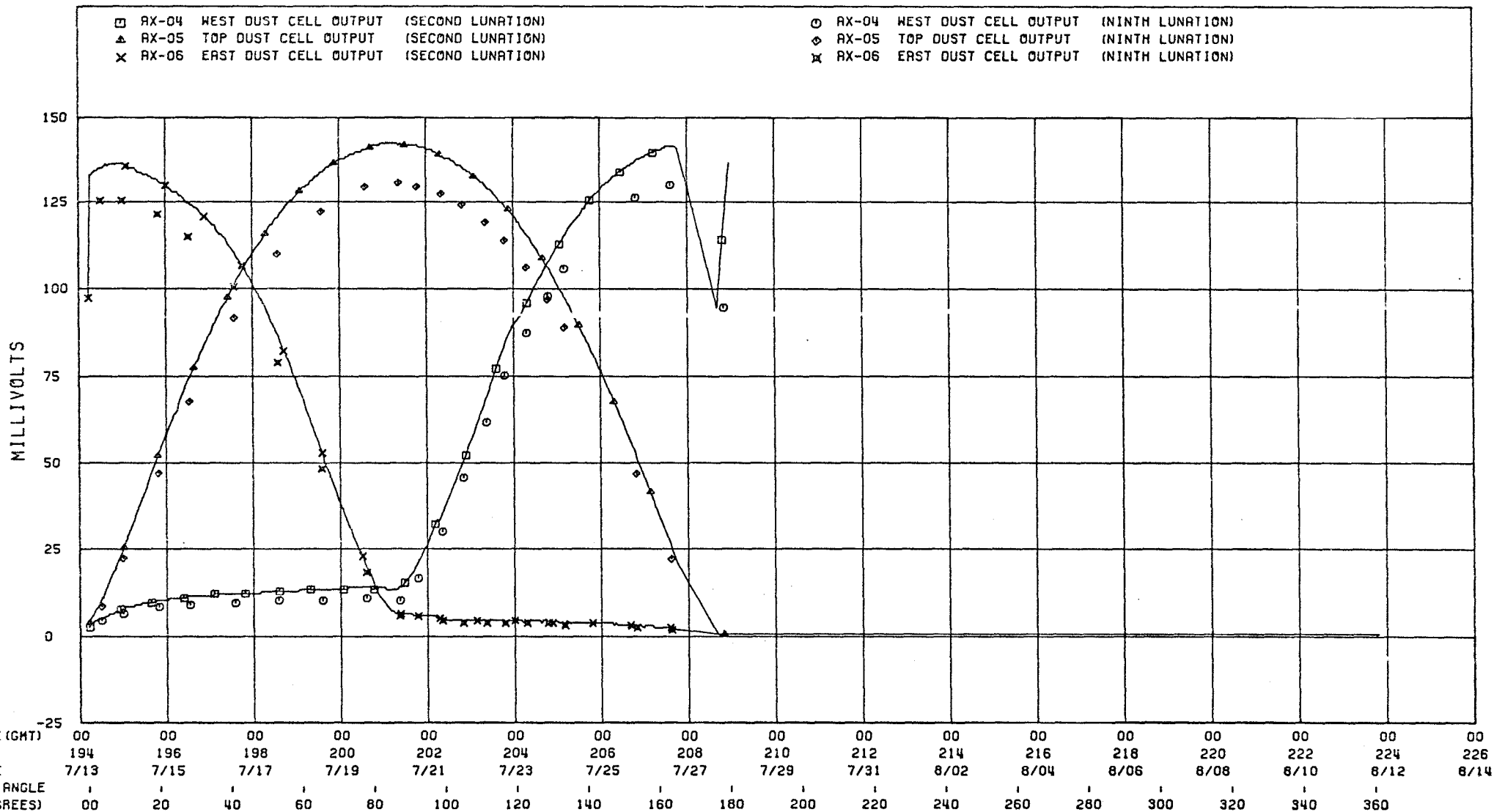
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION

SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT

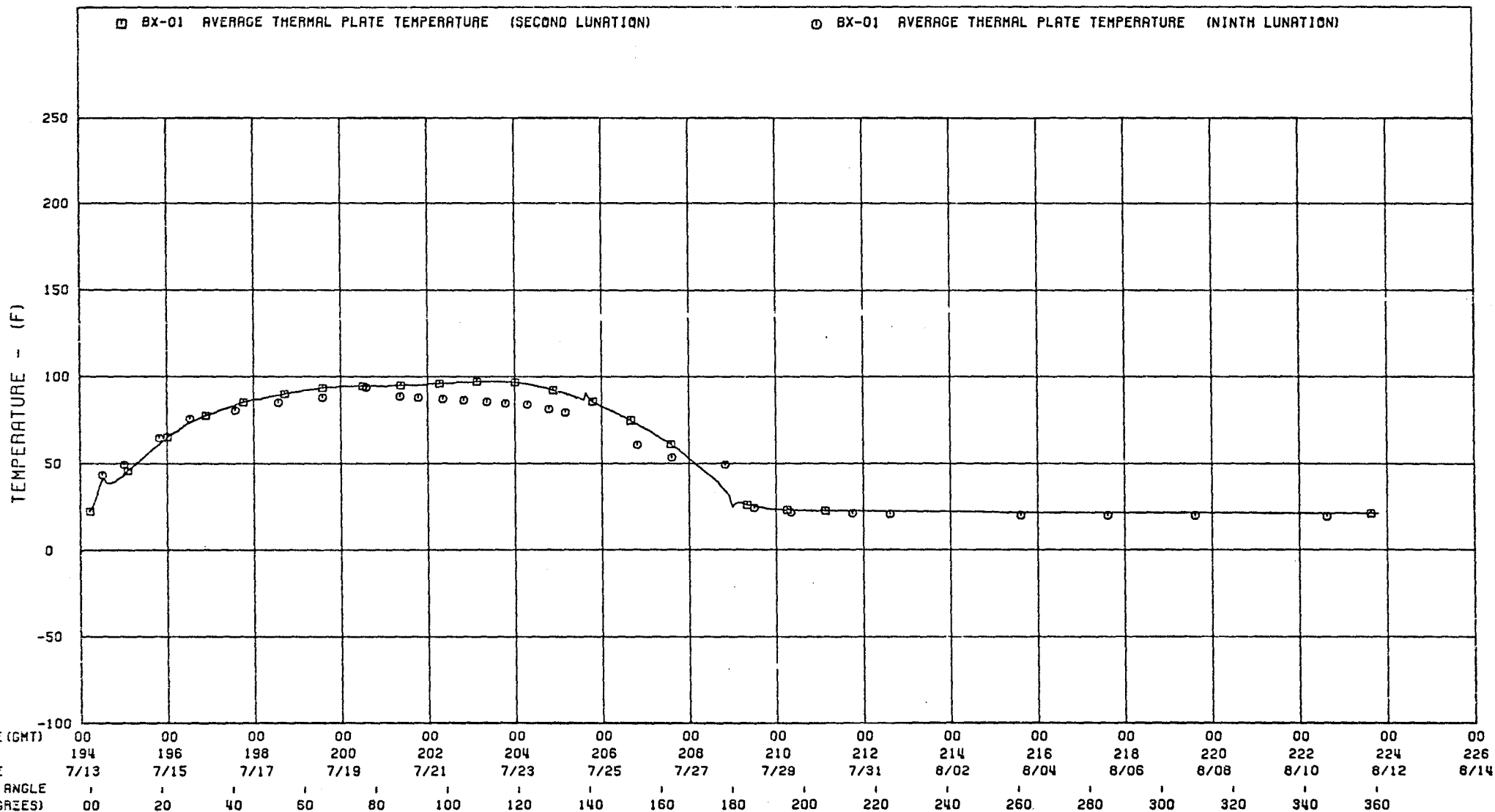
SUNRISE DAY 220 (AUGUST 11, 1970) AT 1528 GMT



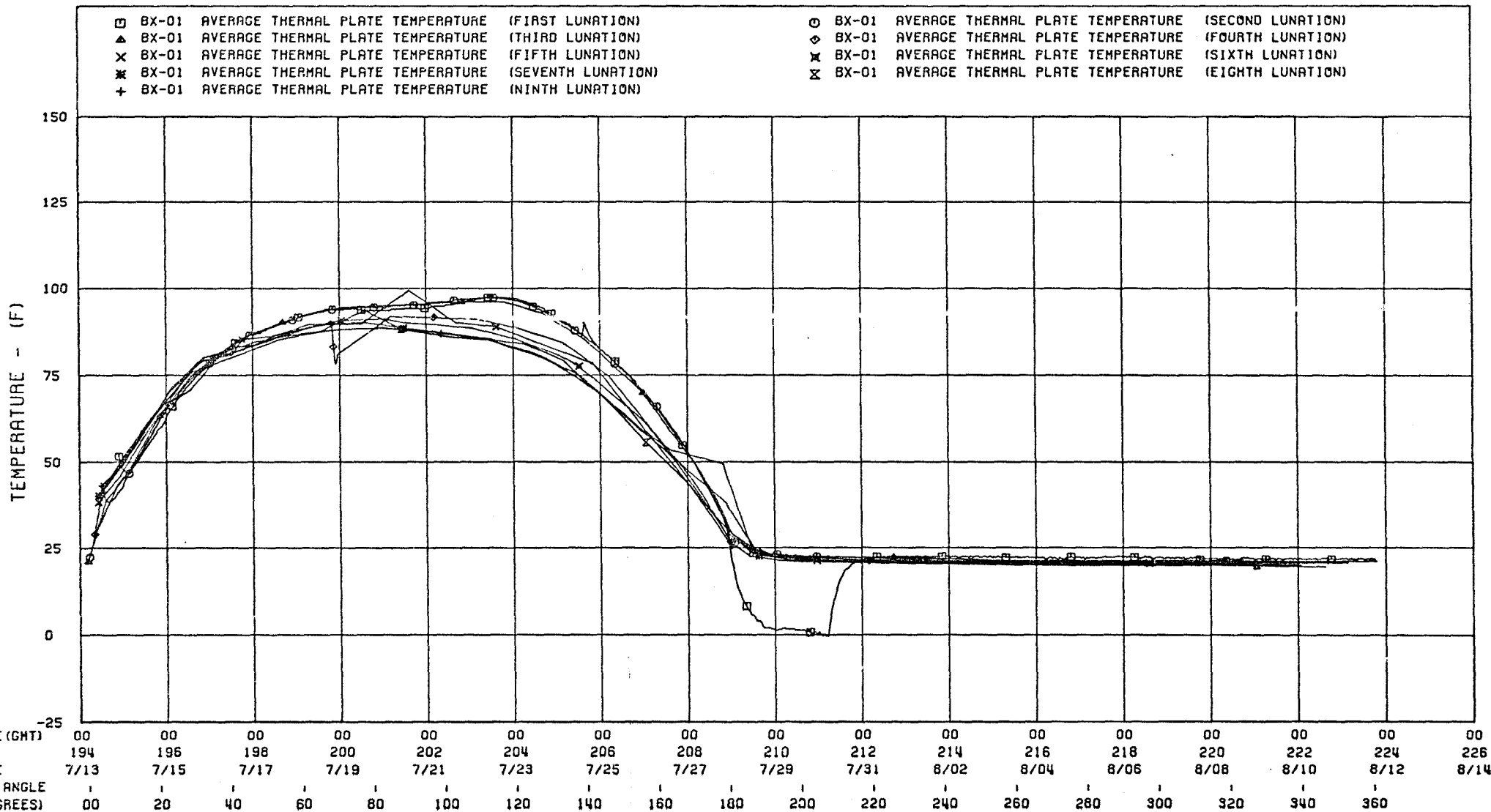
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION  
 SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT



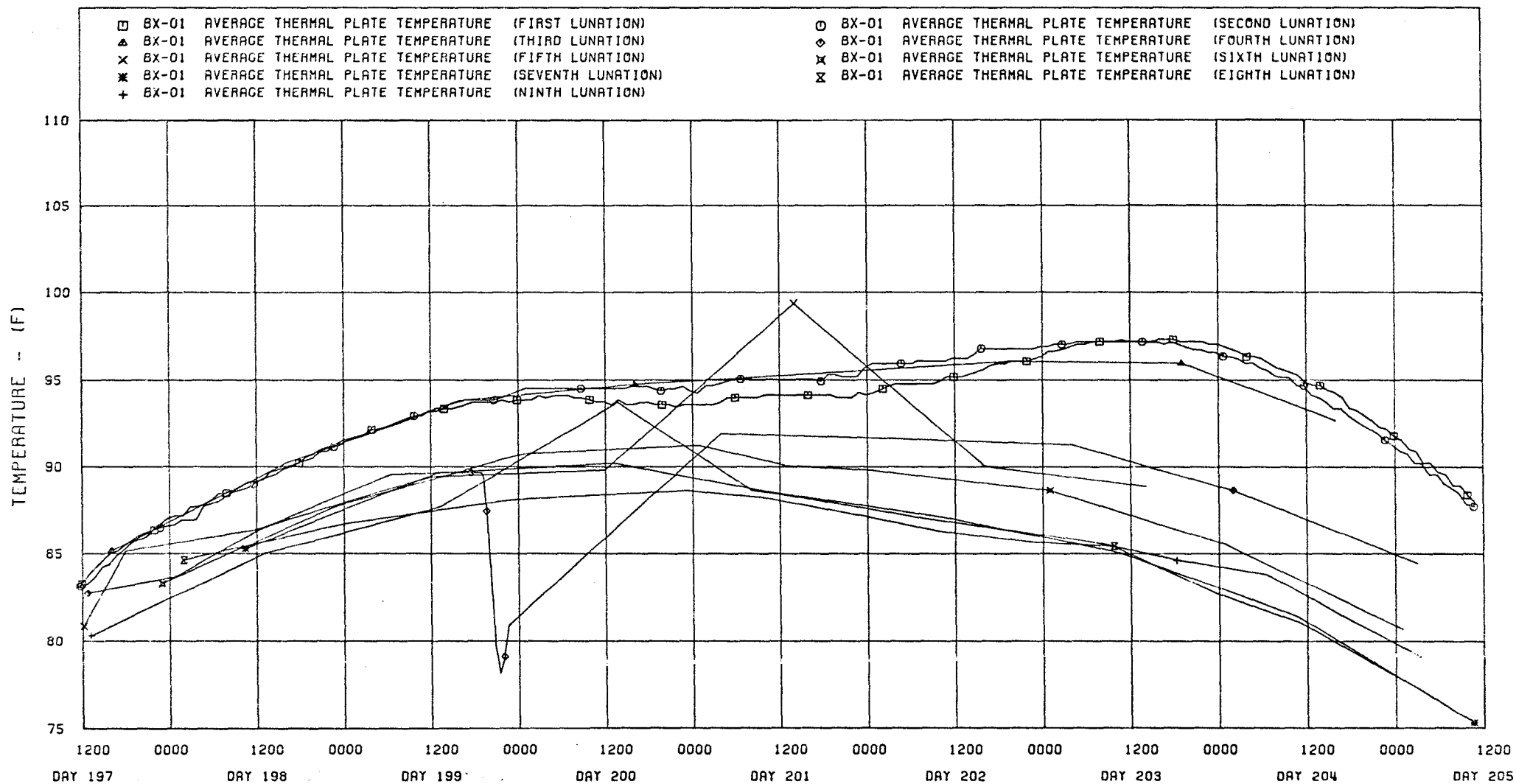
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION  
 SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION  
 SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT



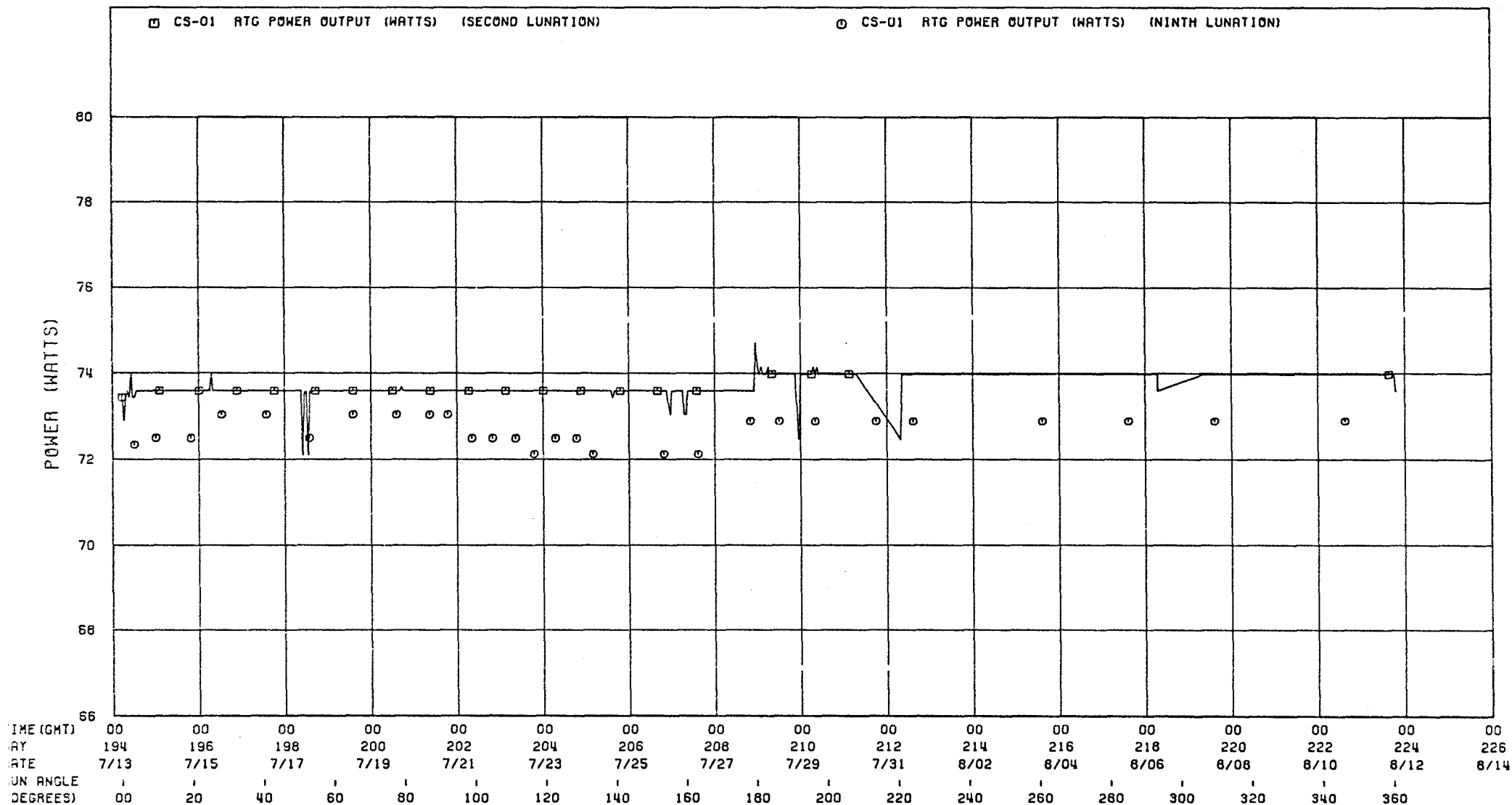
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - NINTH ALSEP DAY  
 SUNRISE DAY 194 (JULY 19, 1970) AT 0429 GMT  
 SUNSET DAY 208 (JULY 27, 1970) AT 2317 GMT



1000

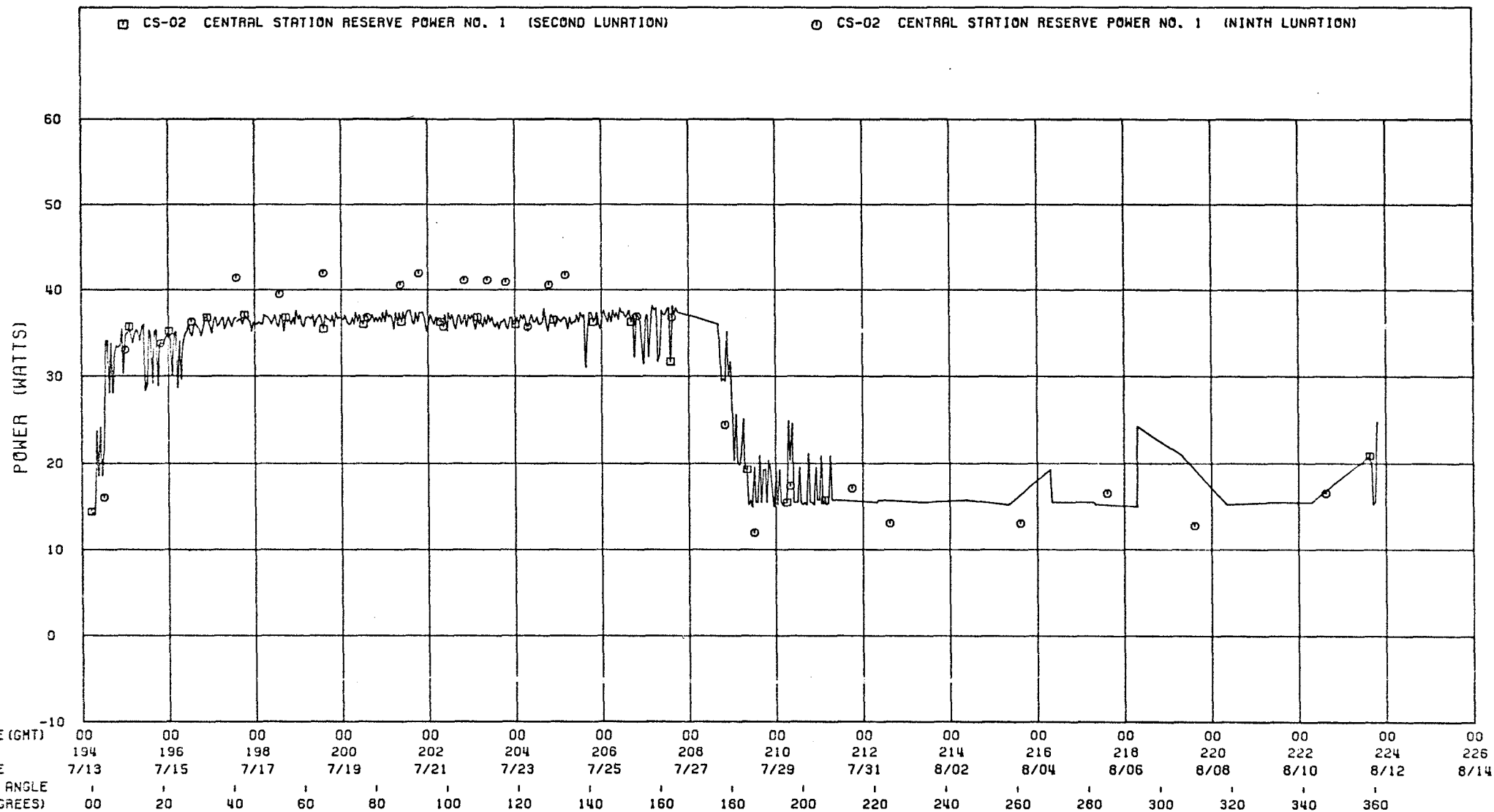


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION  
 SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 225 (AUGUST 11, 1970) AT 1526 GMT

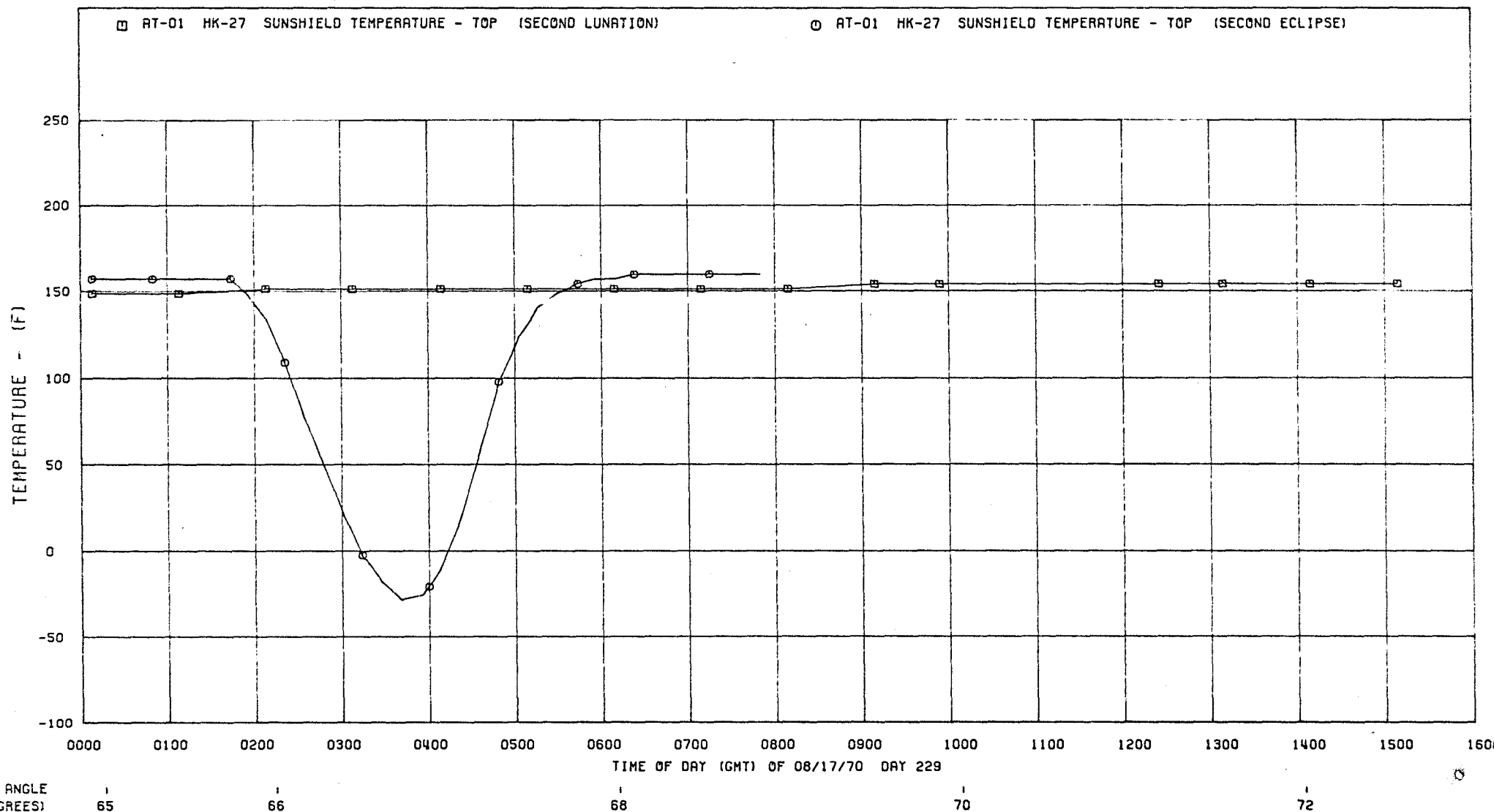


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 9 TH ALSEP LUNATION

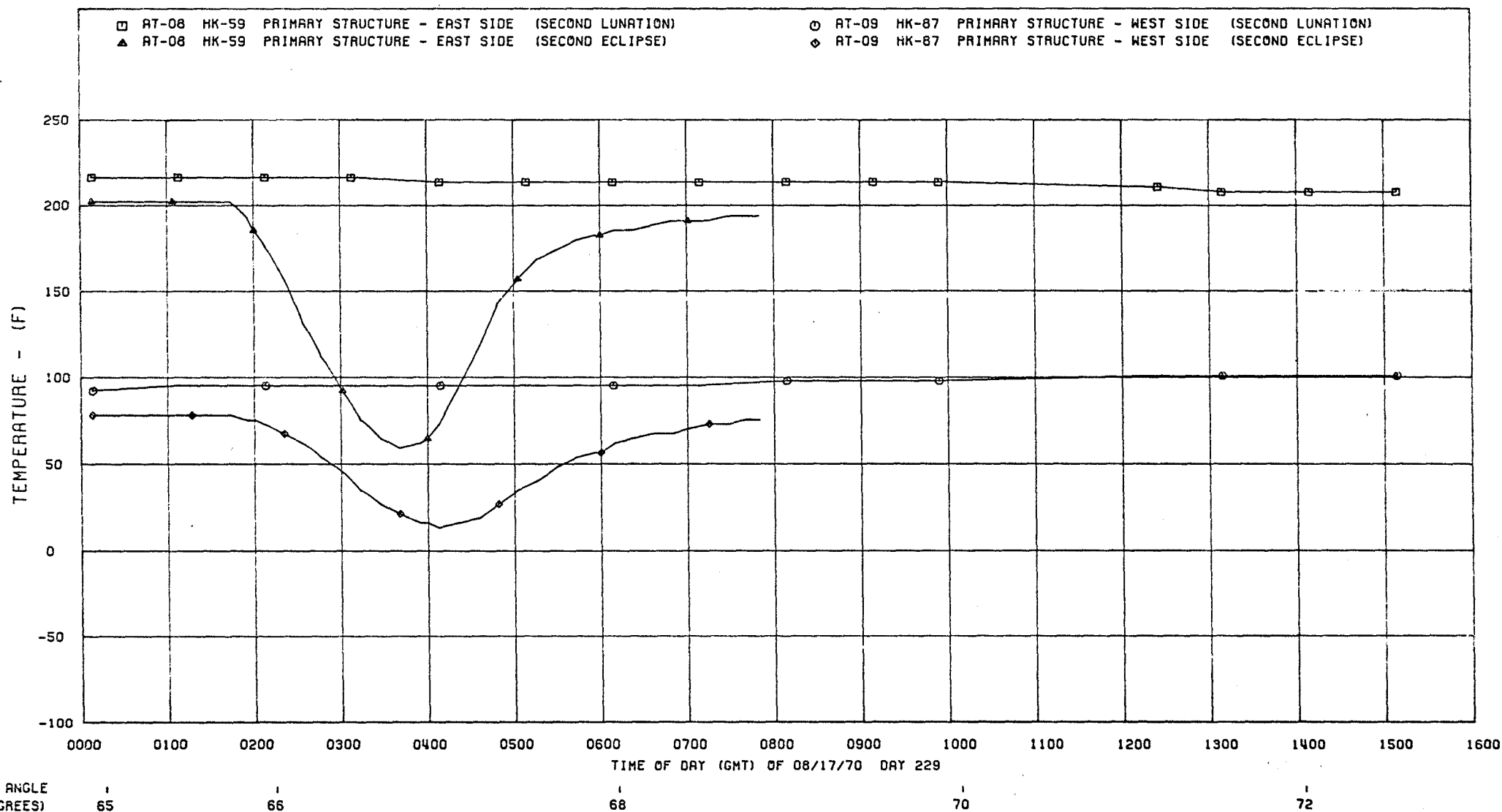
SUNRISE DAY 194 ( JULY 13, 1970) AT 0429 GMT  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1520 GMT



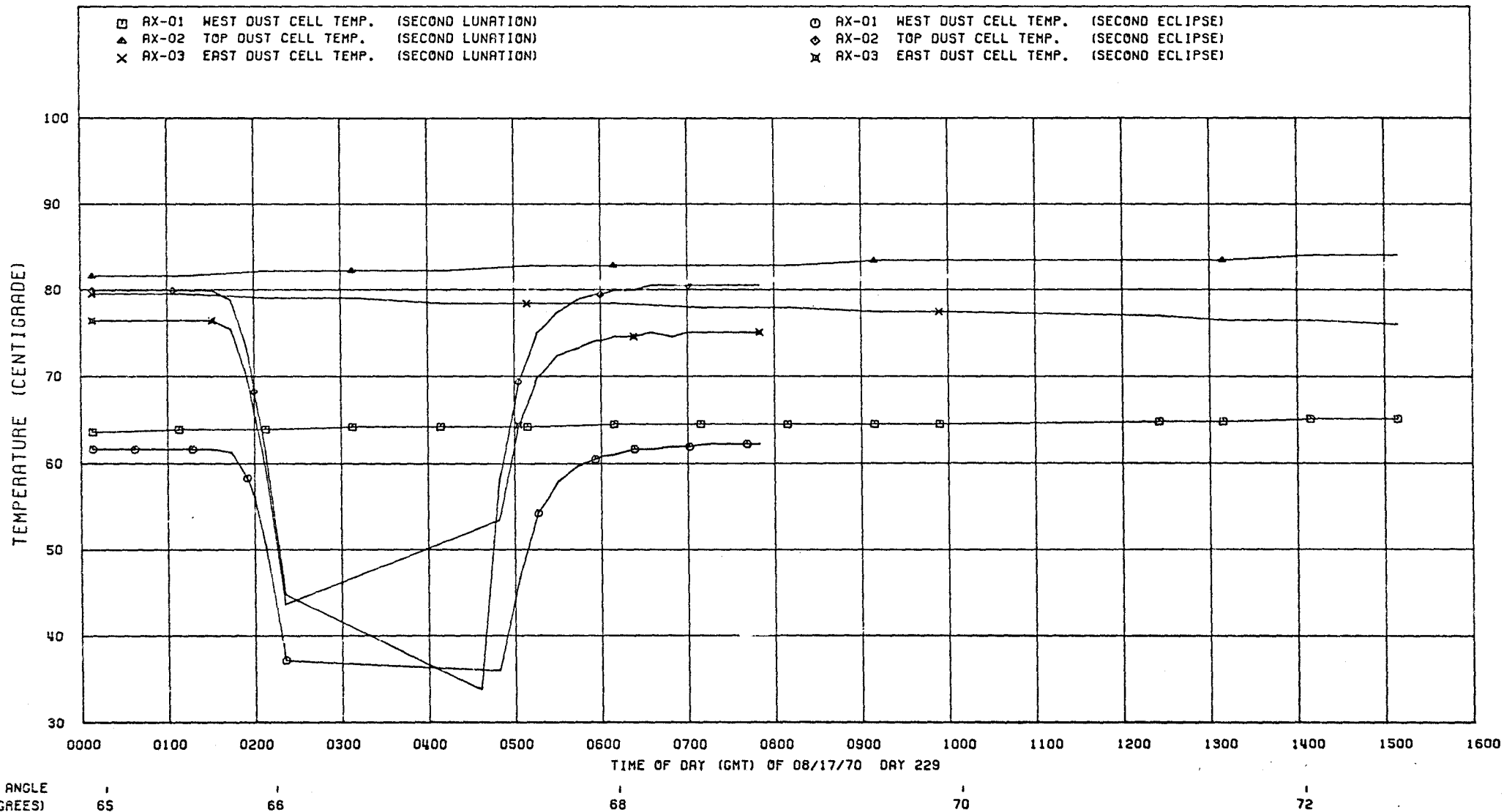
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 ND ALSEP ECLIPSE  
 SUNRISE DAY 229 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 238 (AUGUST 26, 1970) AT 1037 GMT



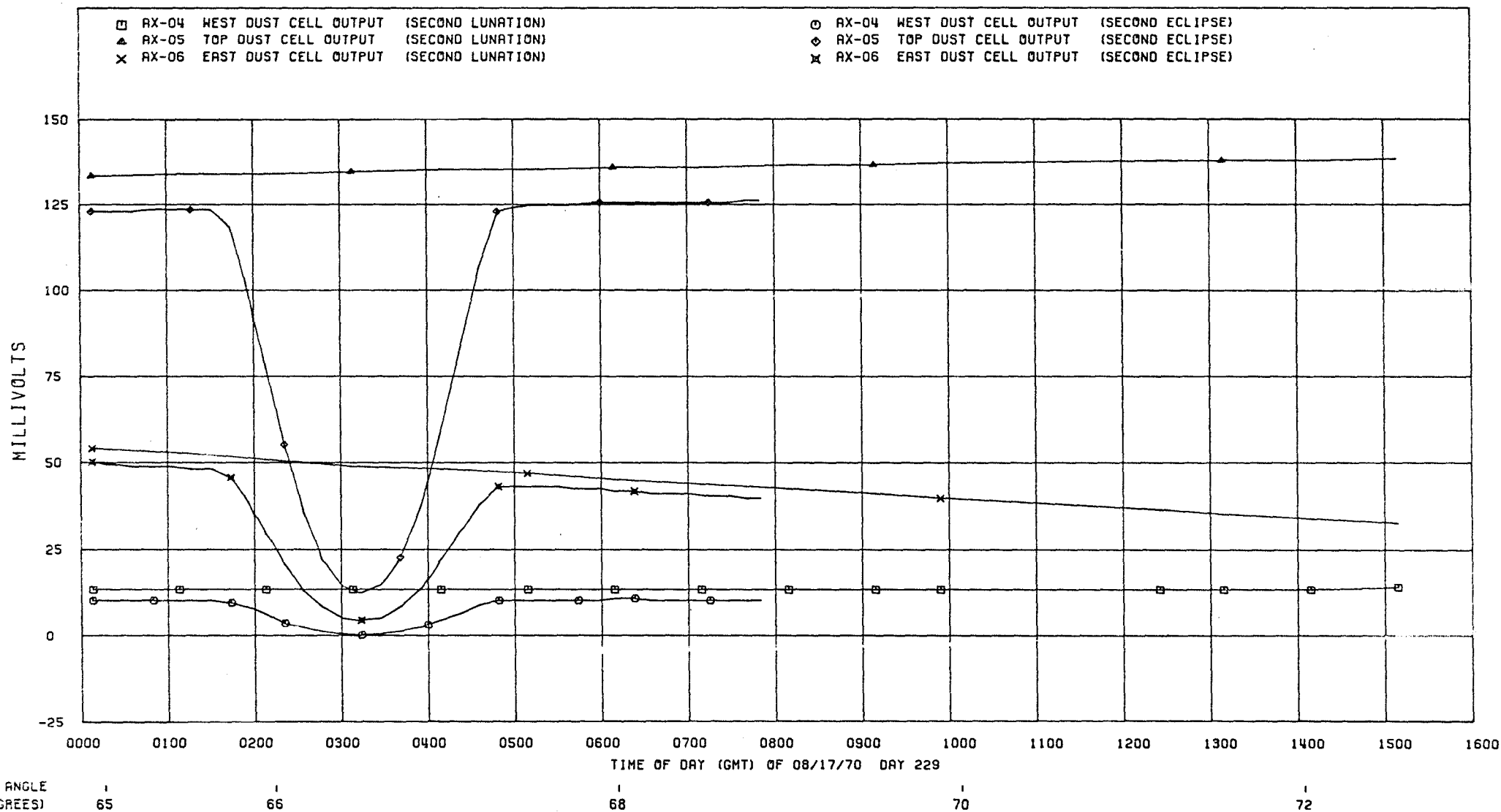
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 NO ALSEP ECLIPSE  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 238 (AUGUST 26, 1970) AT 1037 GMT



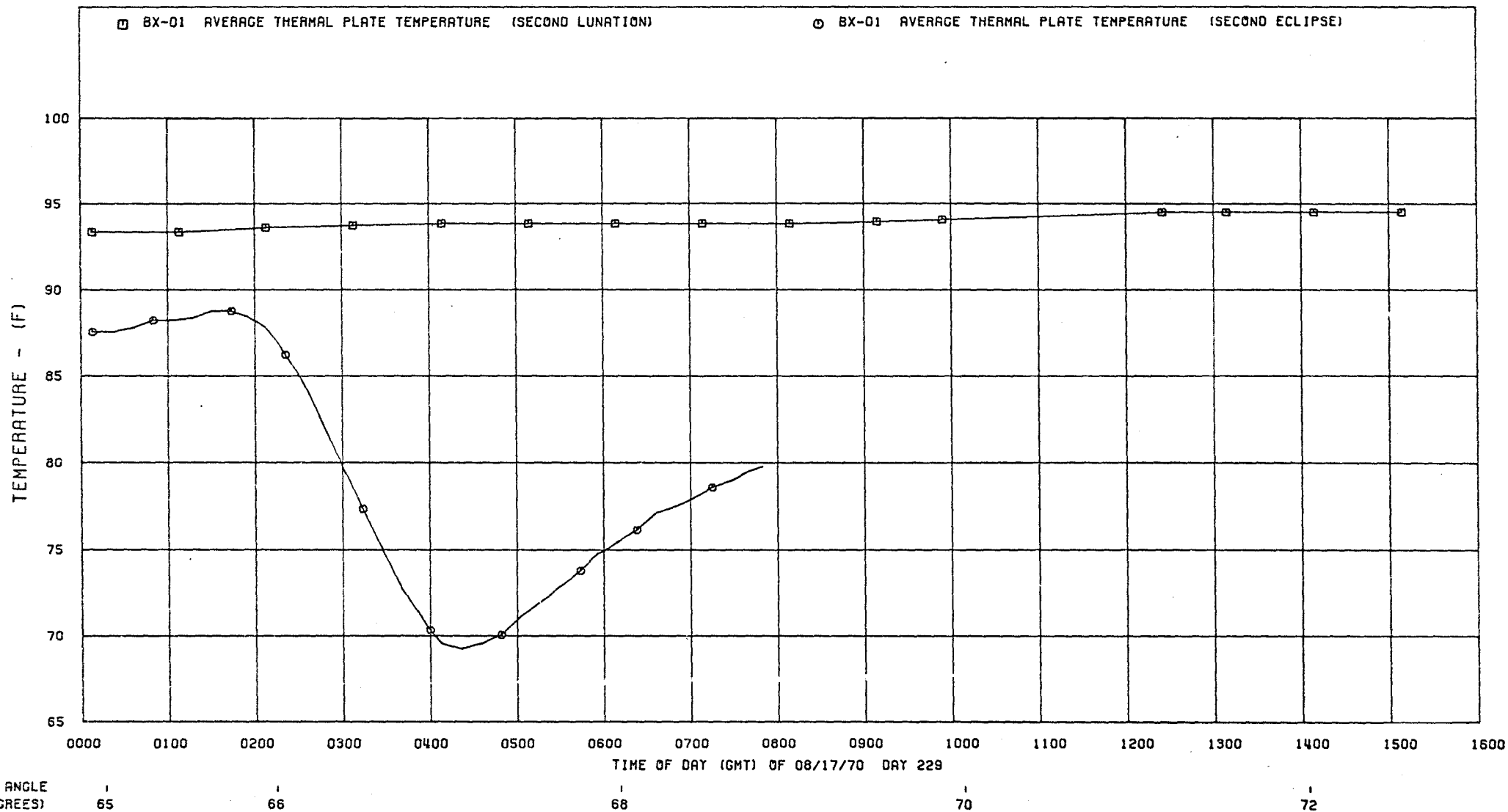
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 ND ALSEP ECLIPSE  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 238 (AUGUST 26, 1970) AT 1037 GMT



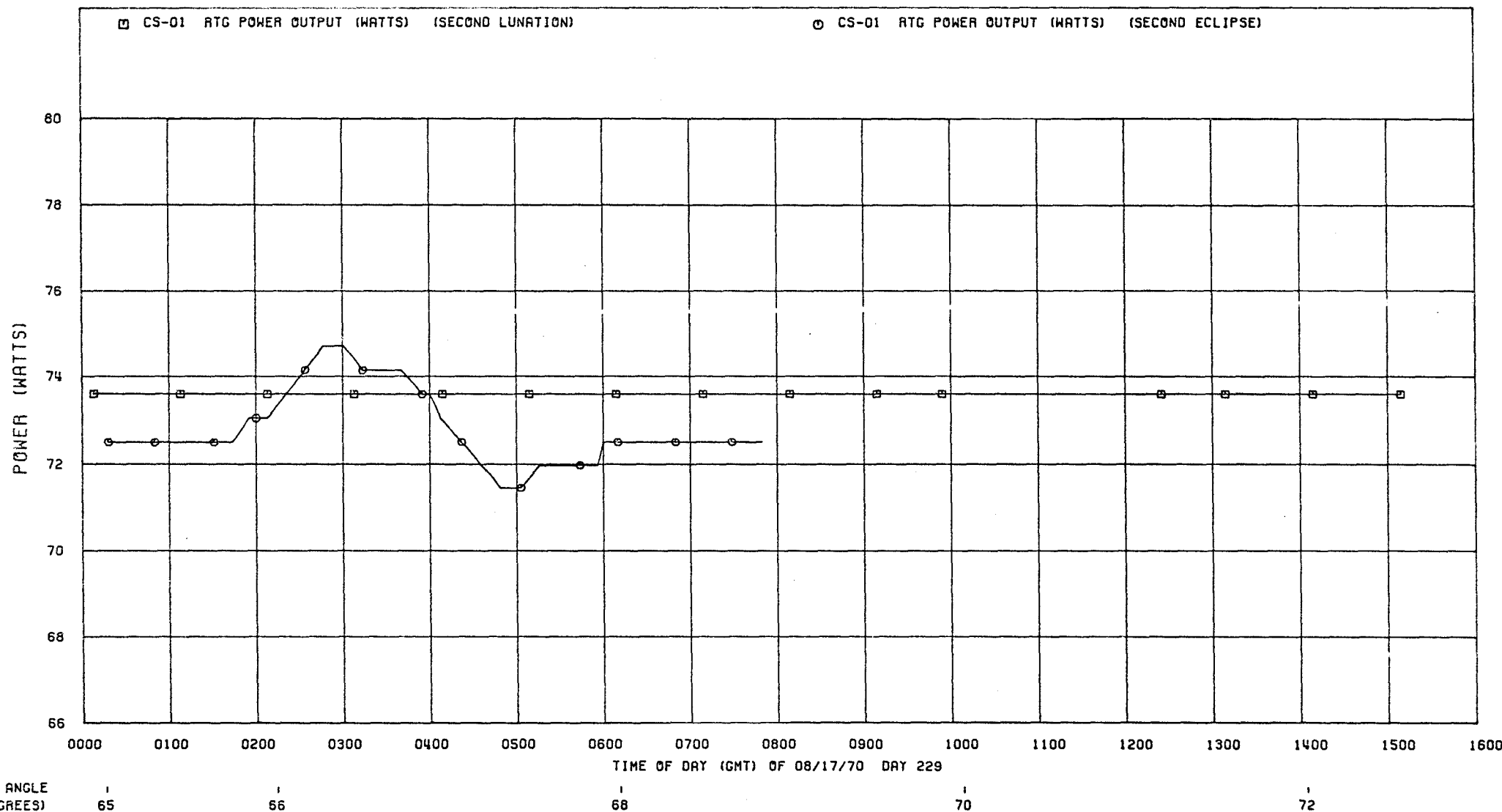
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 ND ALSEP ECLIPSE  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 238 (AUGUST 26, 1970) AT 1037 GMT



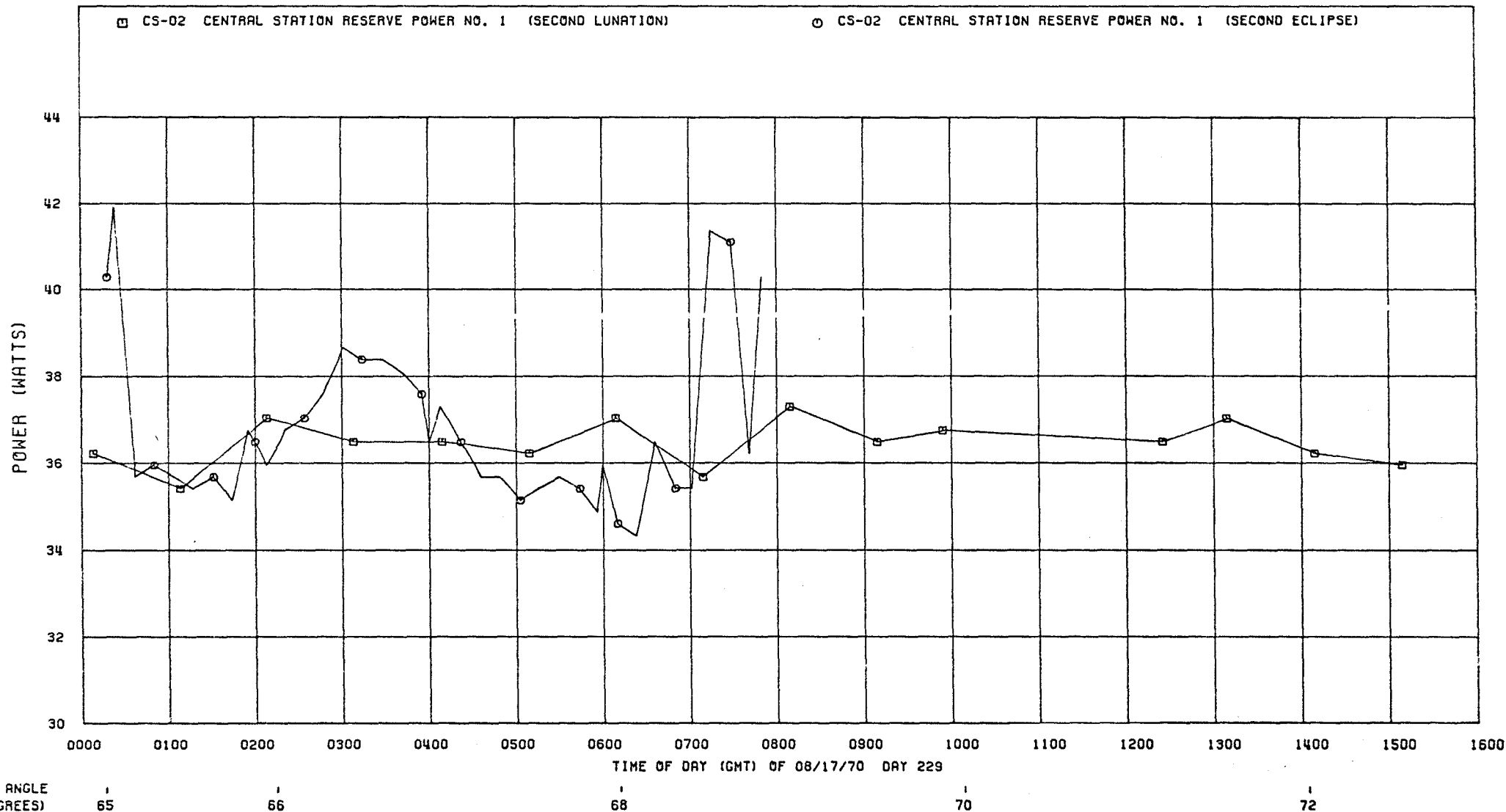
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 NO ALSEP ECLIPSE  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 228 (AUGUST 20, 1970) AT 1037 GMT



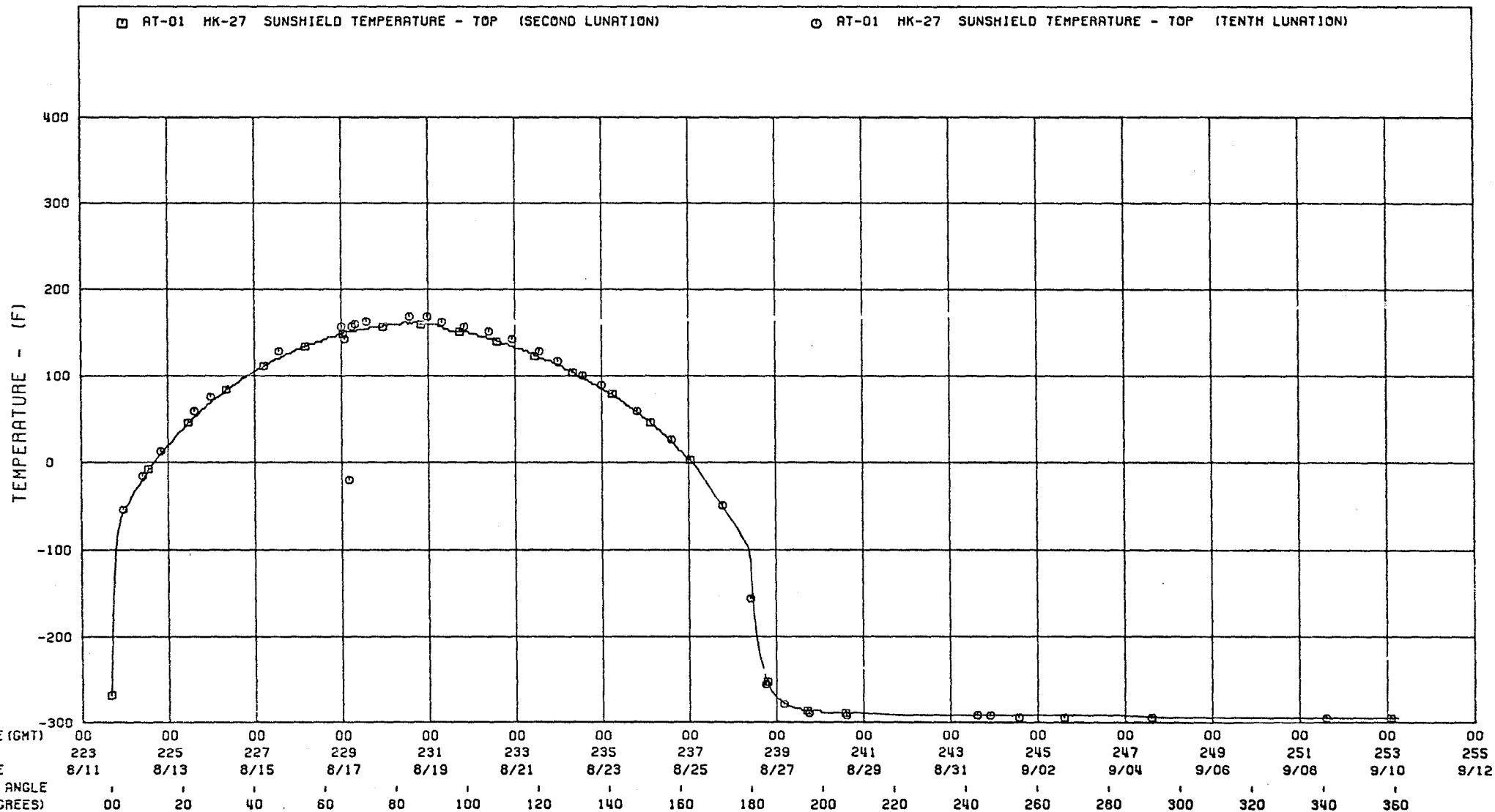
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 ND ALSEP ECLIPSE  
 SUNRISE DAY 228 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 238 (AUGUST 26, 1970) AT 1037 GMT



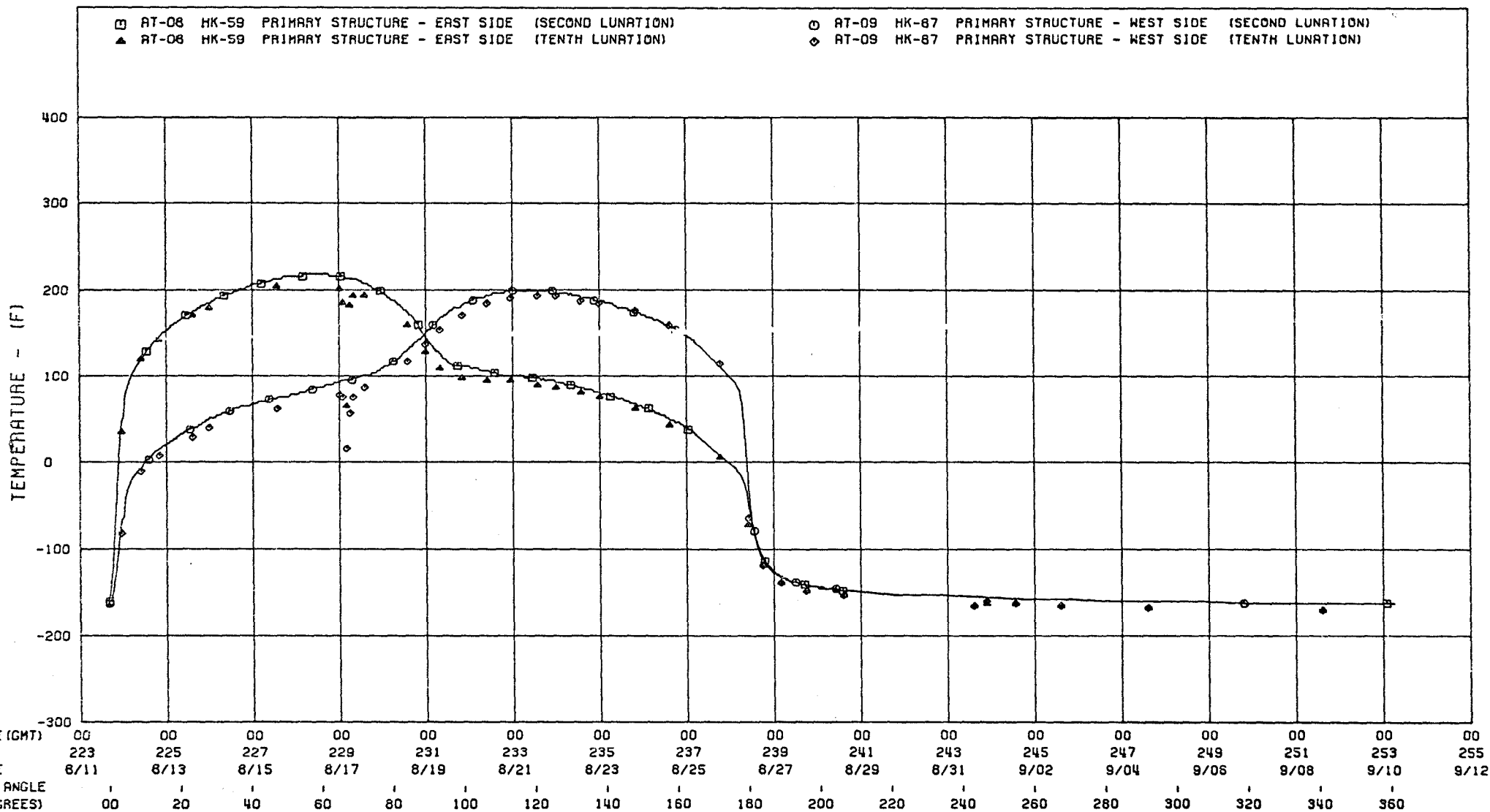
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 2 NO ALSEP ECLIPSE  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNSET DAY 238 (AUGUST 26, 1970) AT 1037 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT



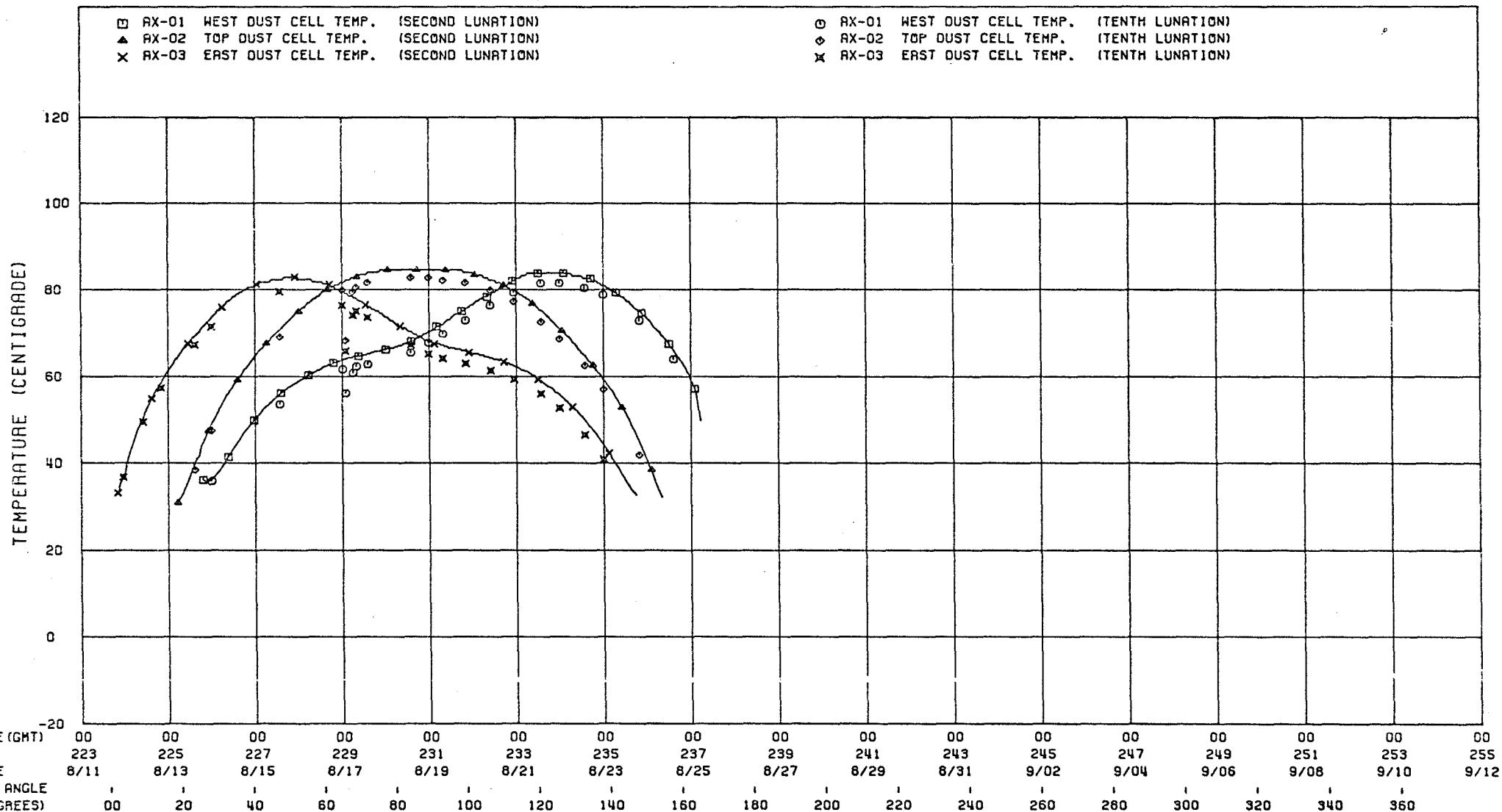
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0204 GMT



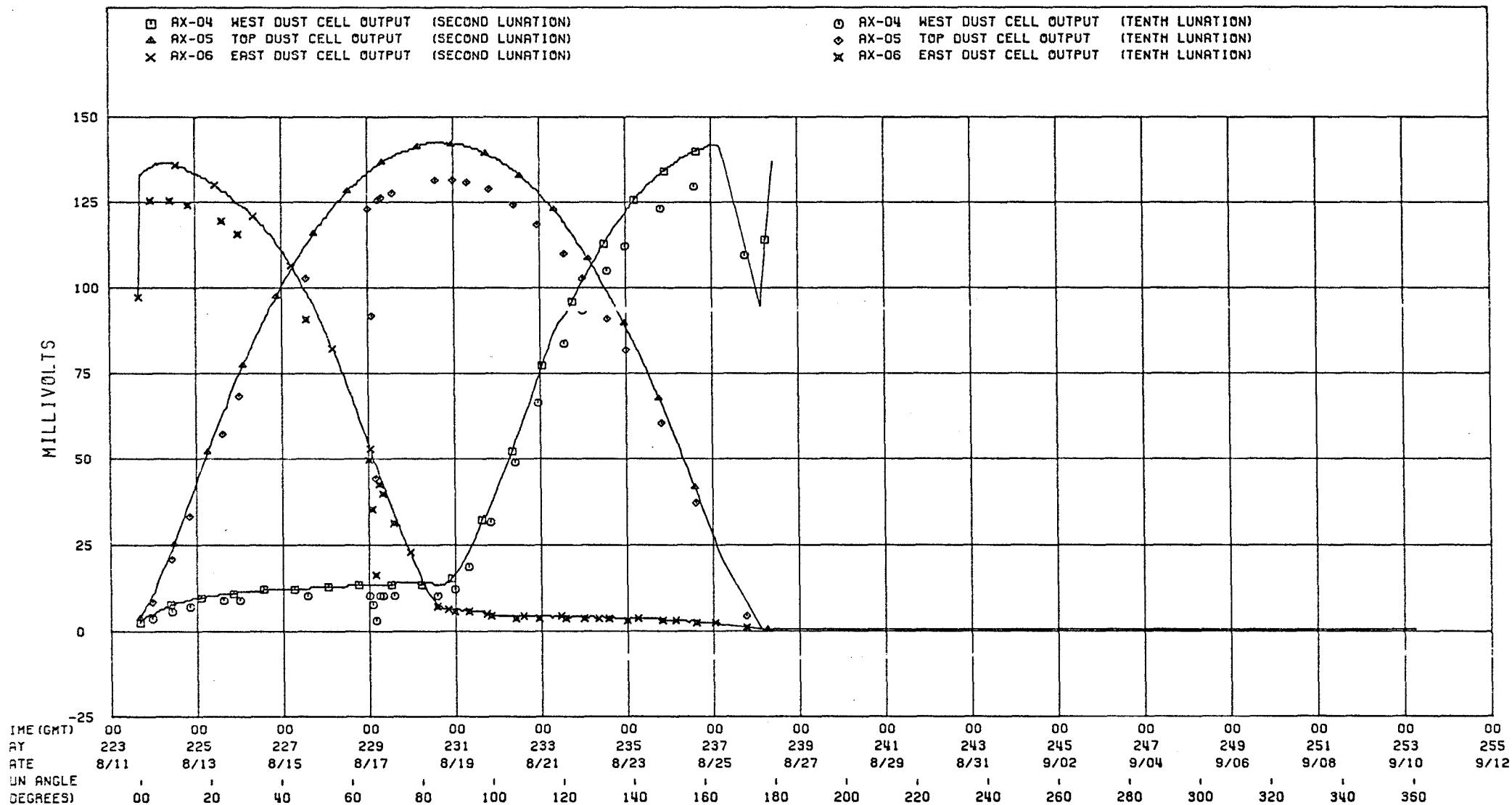
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION

SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT

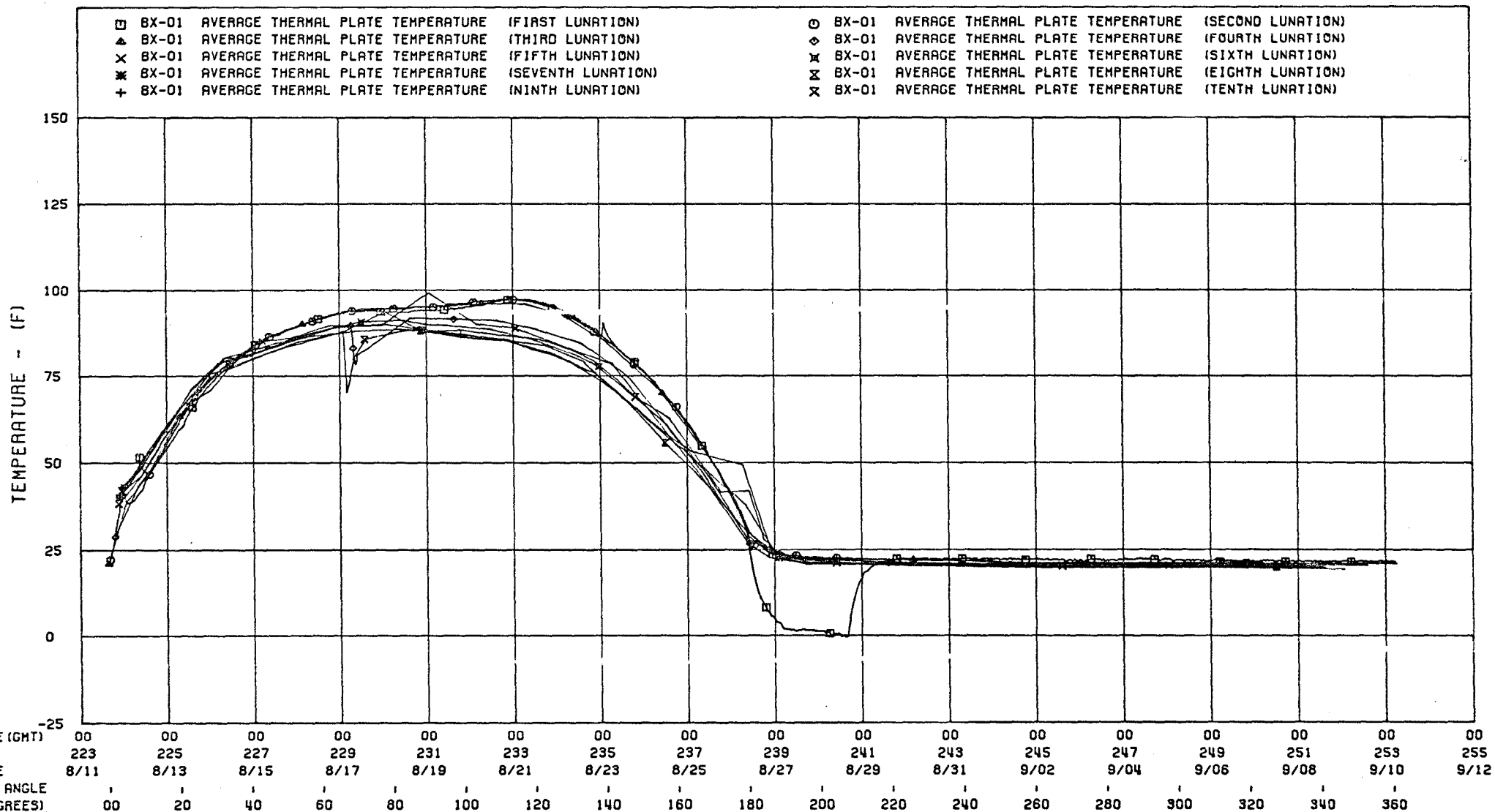
SUNRISE DAY 238 (SEPTEMBER 12, 1970) AT 0254 GMT



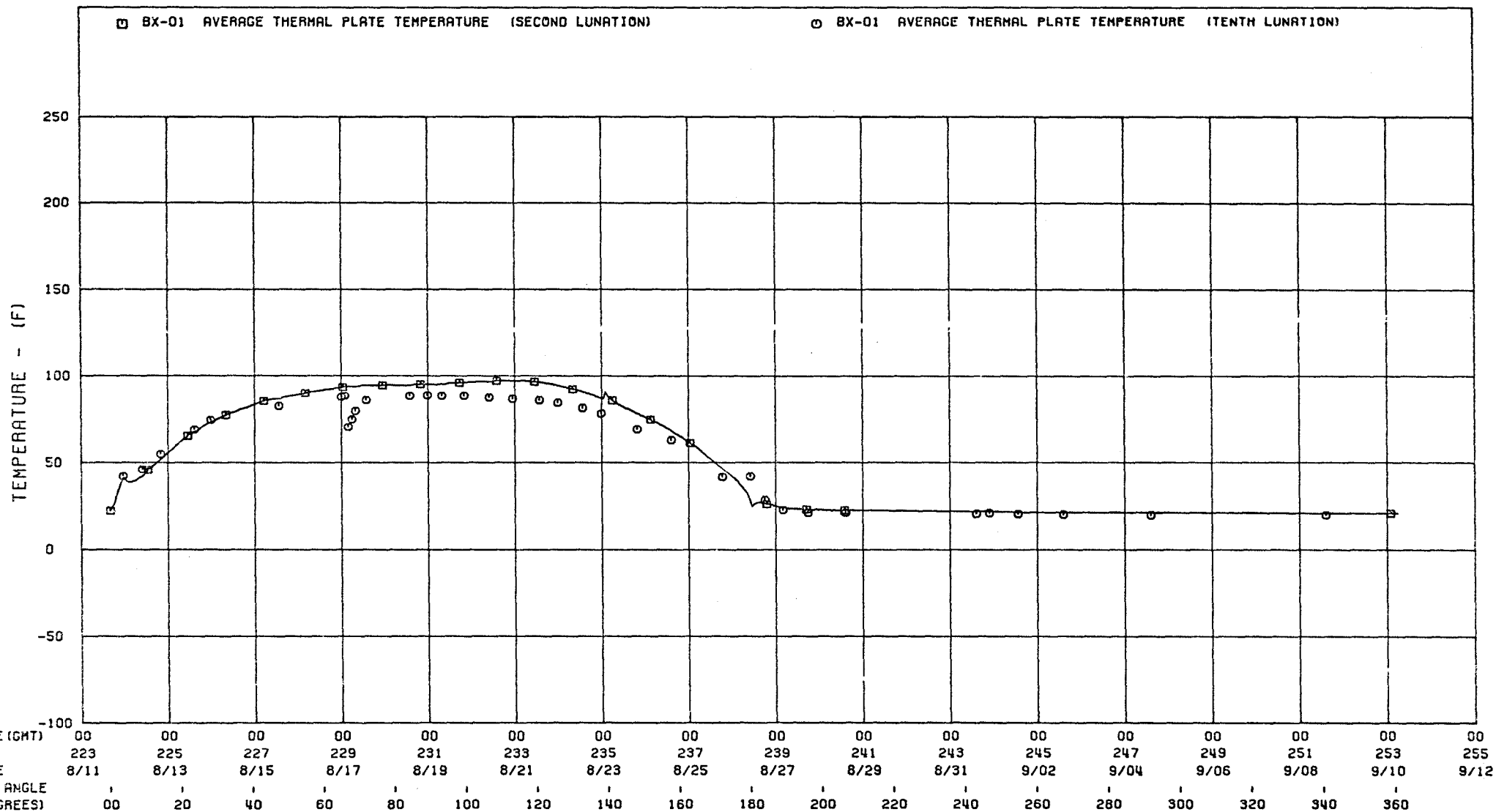
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT



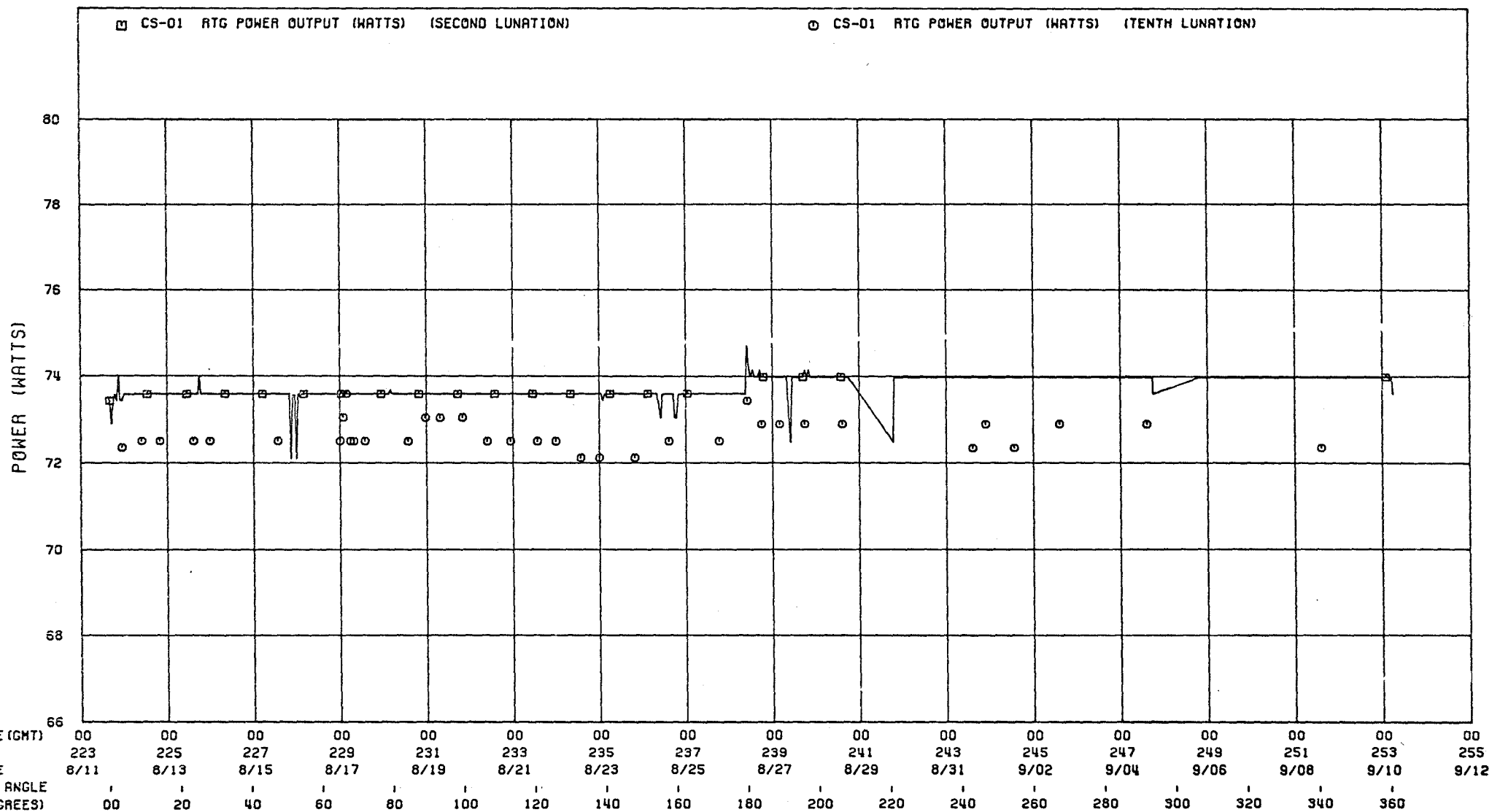
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT



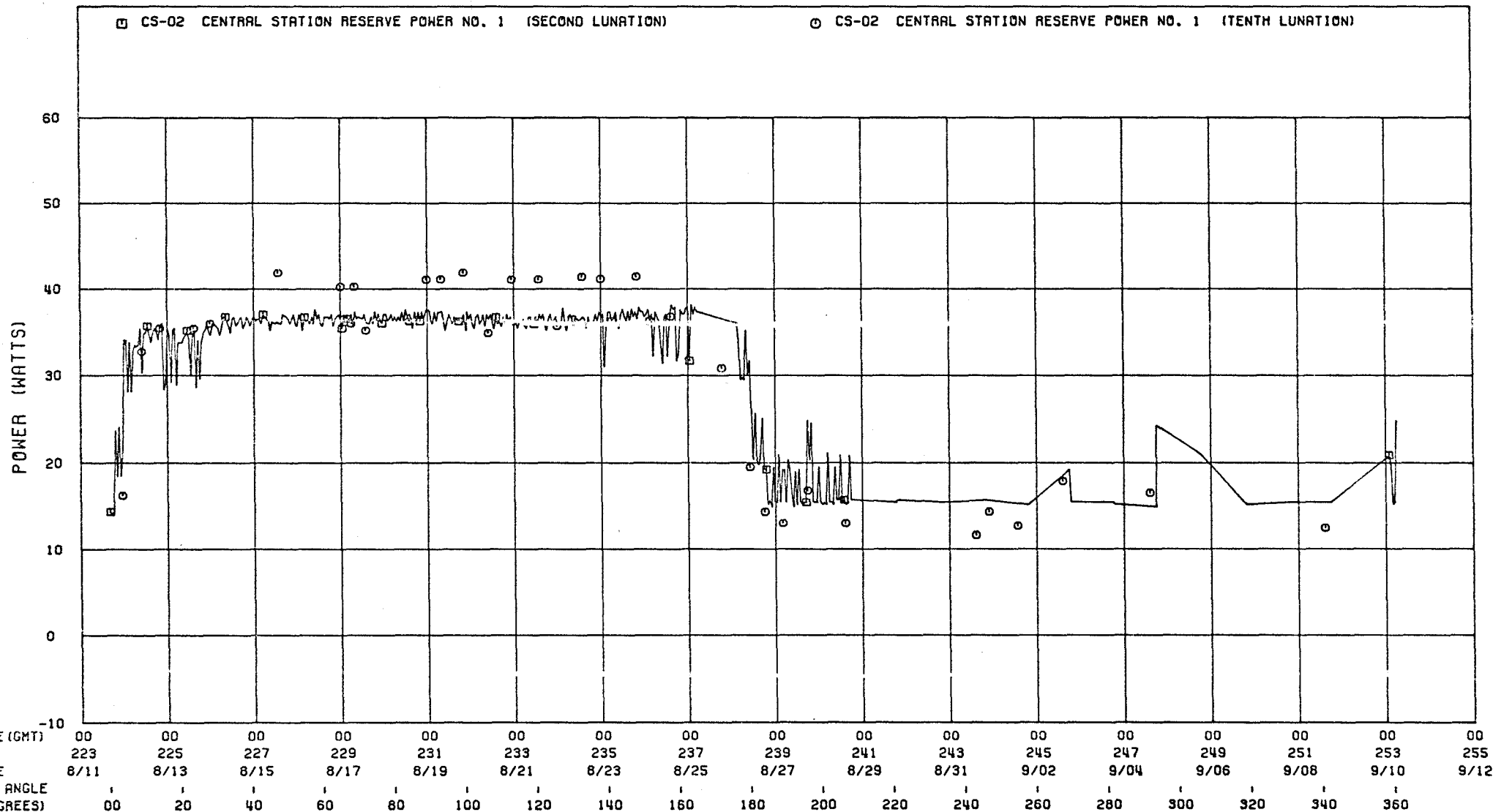
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 10 TH ALSEP LUNATION  
 SUNRISE DAY 223 (AUGUST 11, 1970) AT 1526 GMT  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT



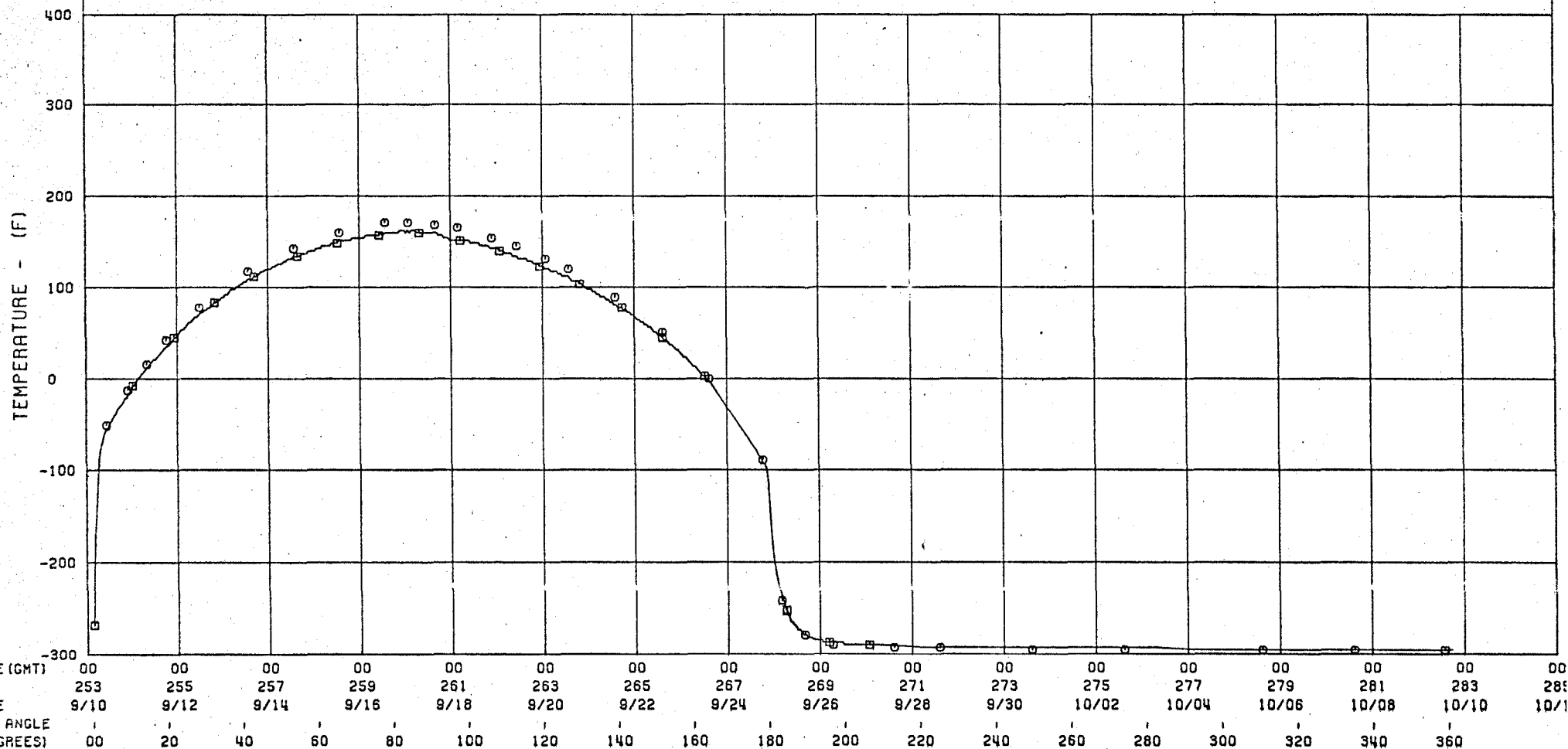
R. Miller

BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GRP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

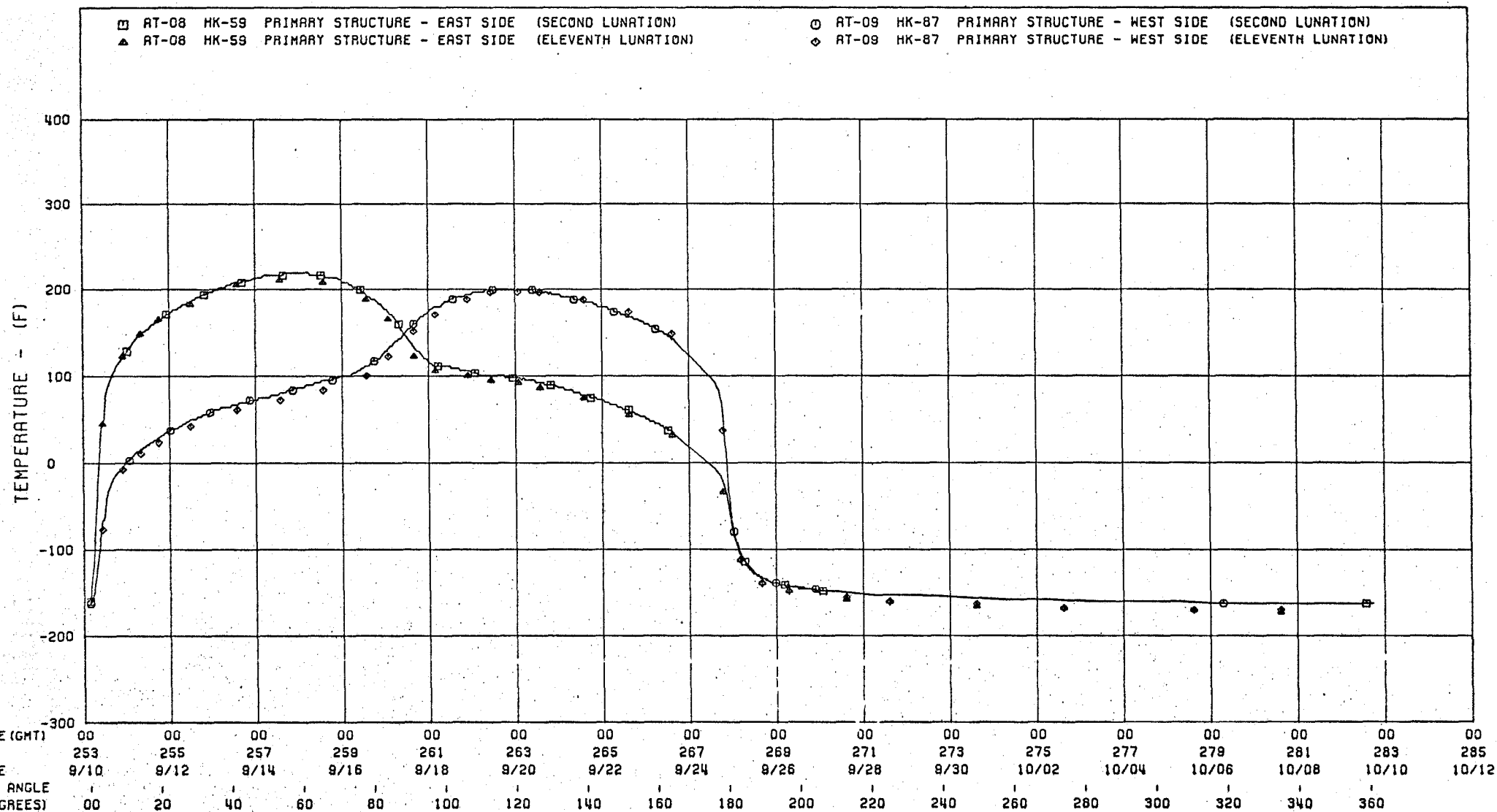
AT-01 HK-27 SUNSHIELD TEMPERATURE - TOP (SECOND LUNATION)

AT-01 HK-27 SUNSHIELD TEMPERATURE - TOP (ELEVENTH LUNATION)

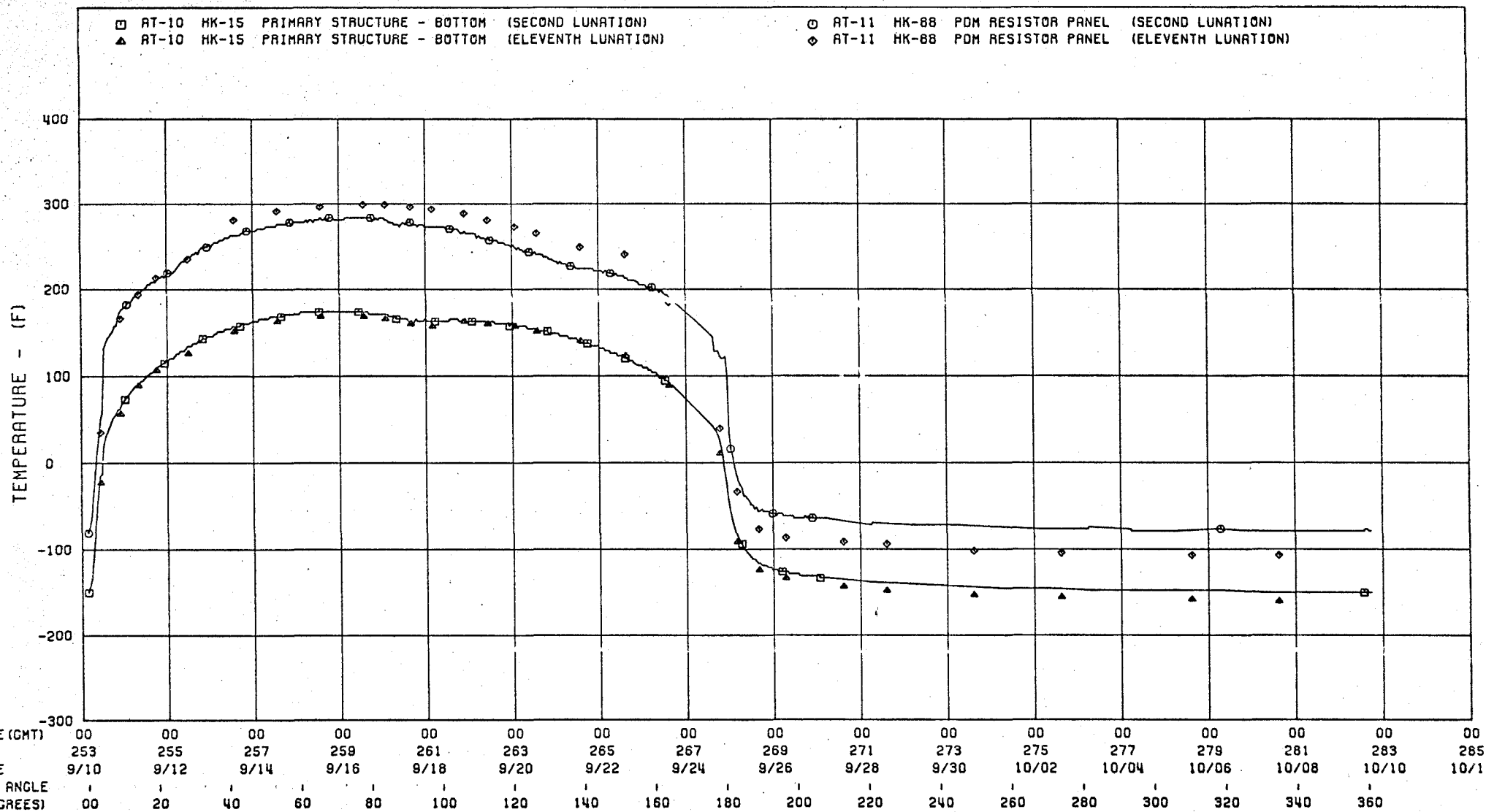
OCT 20 1970



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0250 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROU.  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



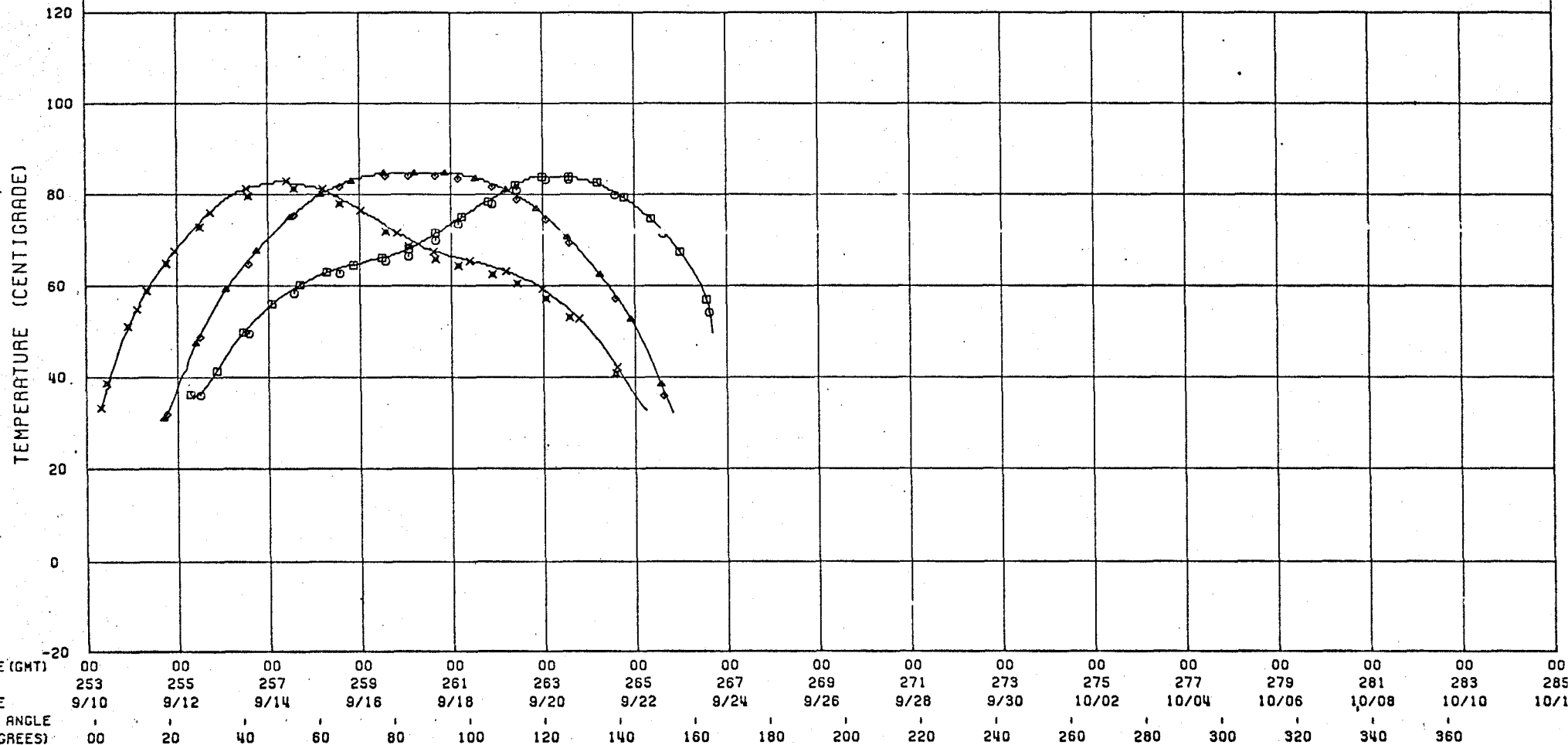
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION

SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT

SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1323 GMT

□ AX-01 WEST DUST CELL TEMP. (SECOND LUNATION)  
 ▲ AX-02 TOP DUST CELL TEMP. (SECOND LUNATION)  
 X AX-03 EAST DUST CELL TEMP. (SECOND LUNATION)

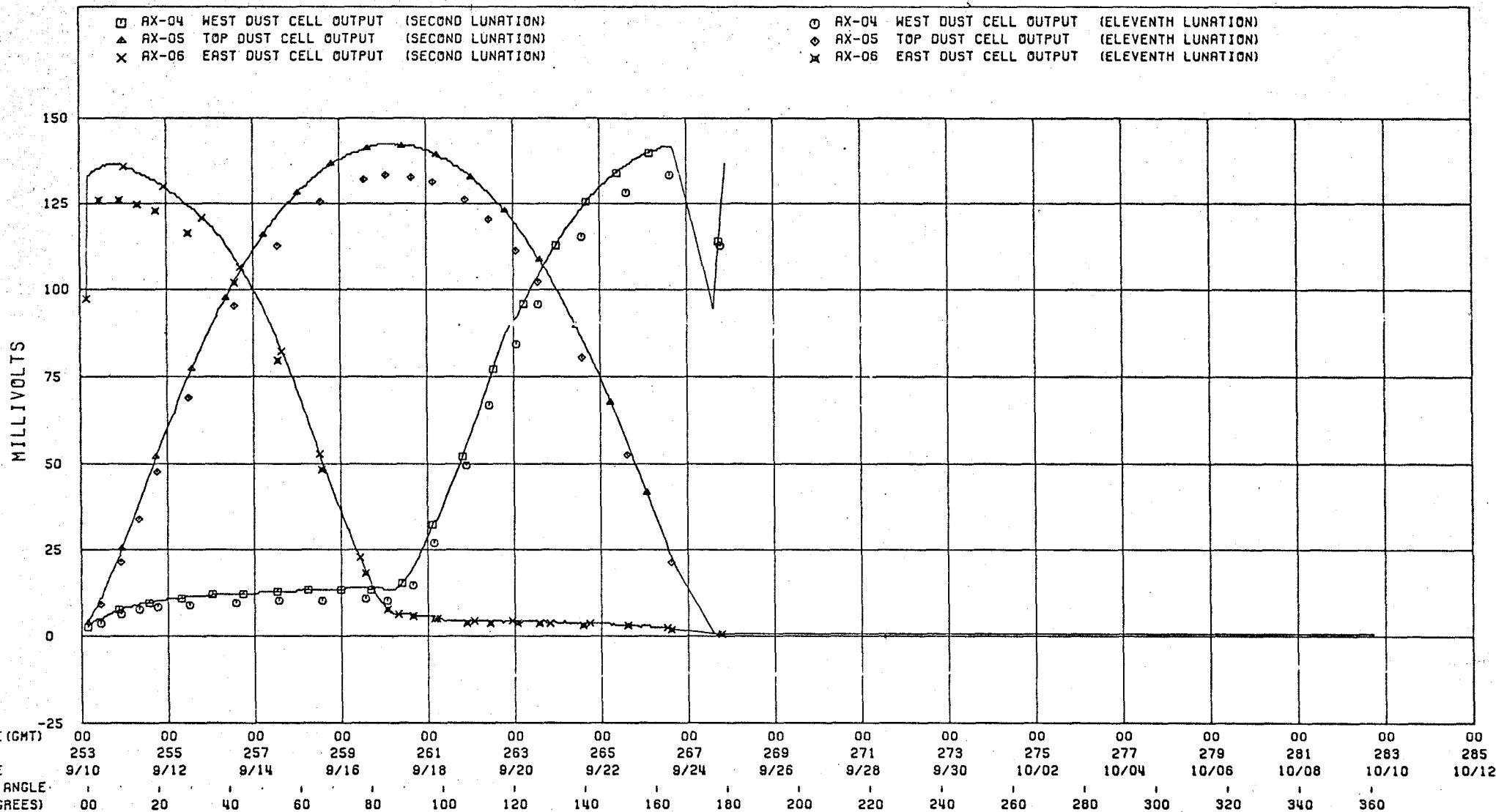
○ AX-01 WEST DUST CELL TEMP. (ELEVENTH LUNATION)  
 ◇ AX-02 TOP DUST CELL TEMP. (ELEVENTH LUNATION)  
 X AX-03 EAST DUST CELL TEMP. (ELEVENTH LUNATION)



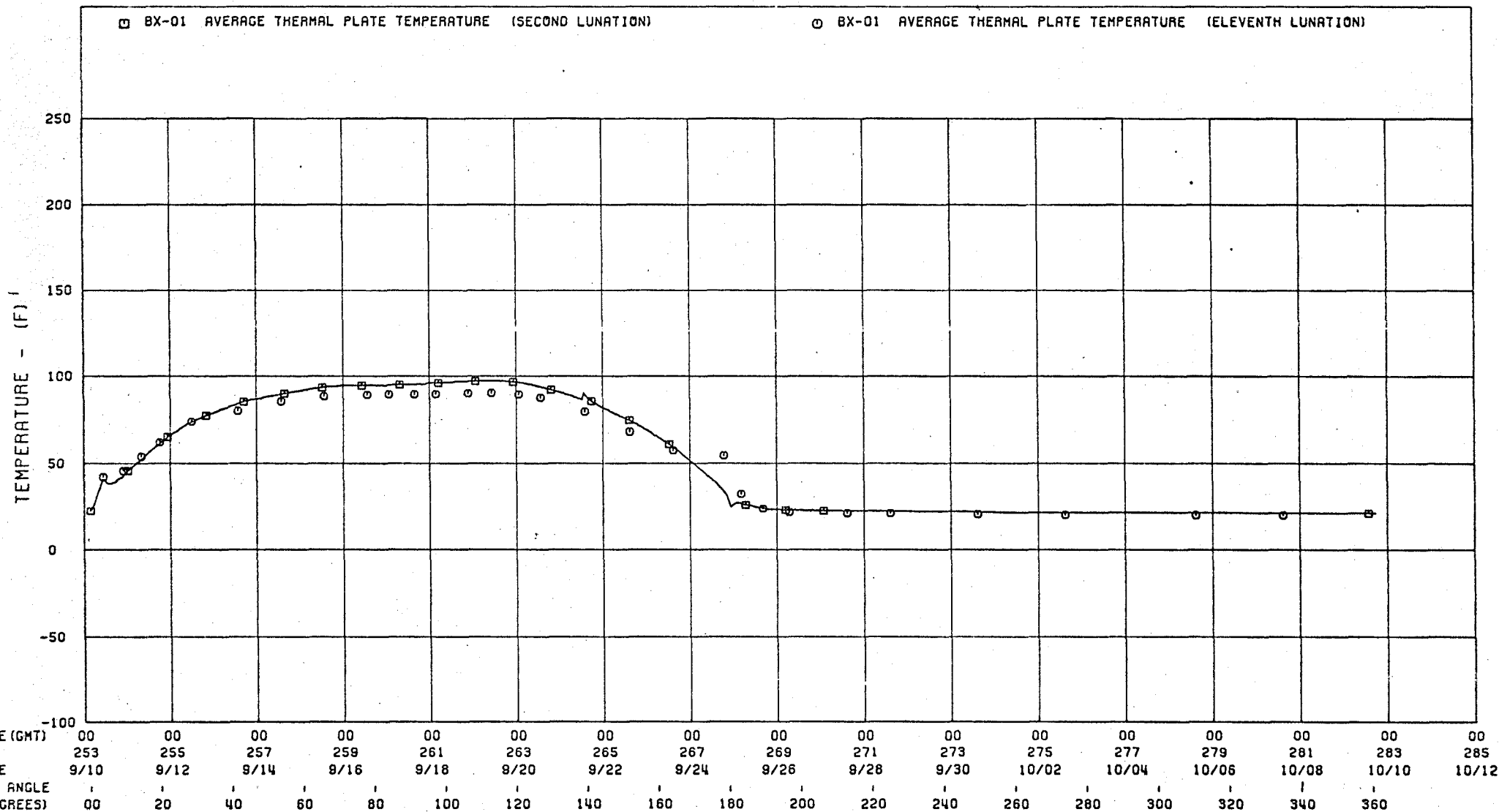
BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GRC  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION

SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT

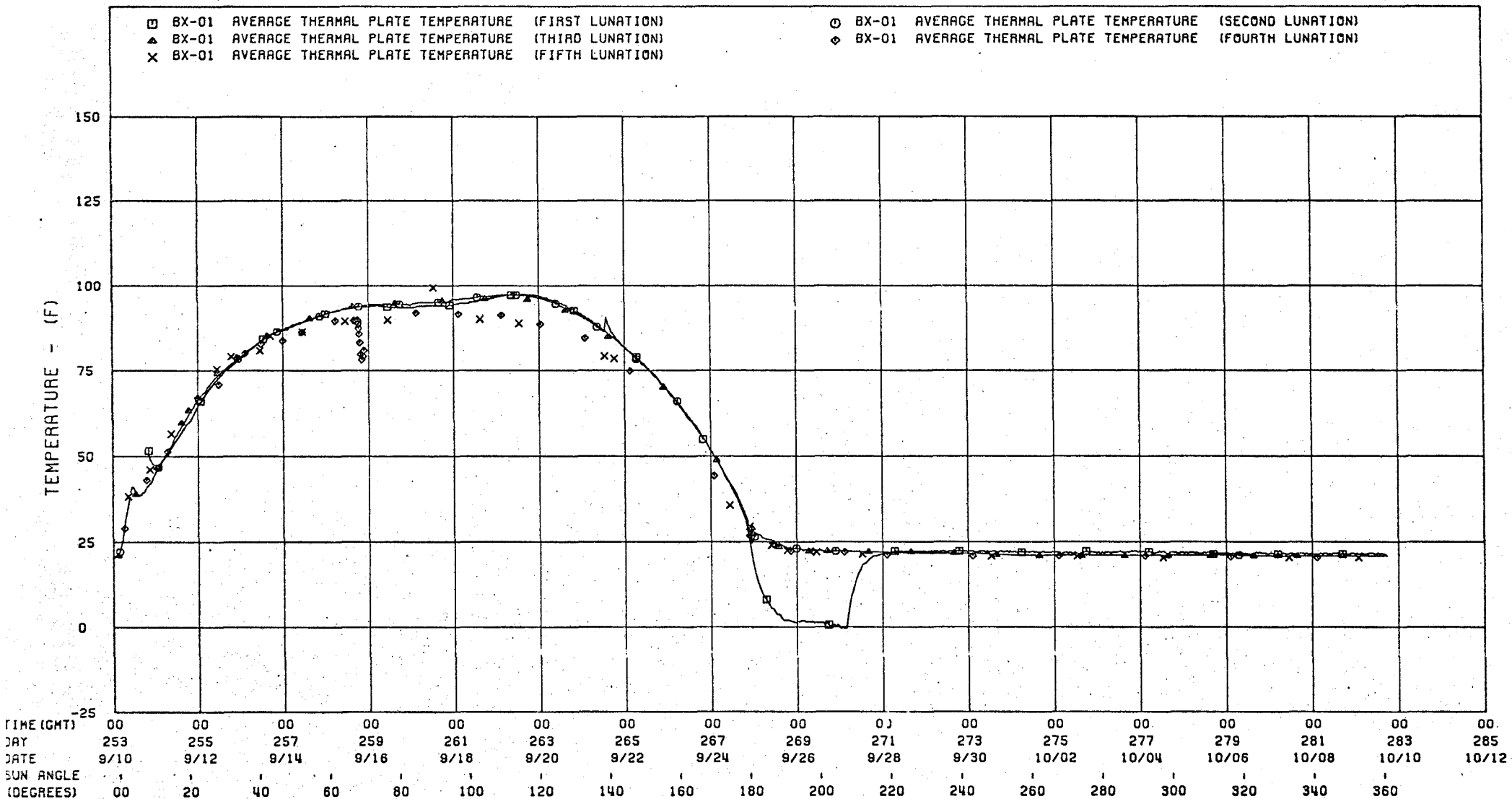
SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GRO  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

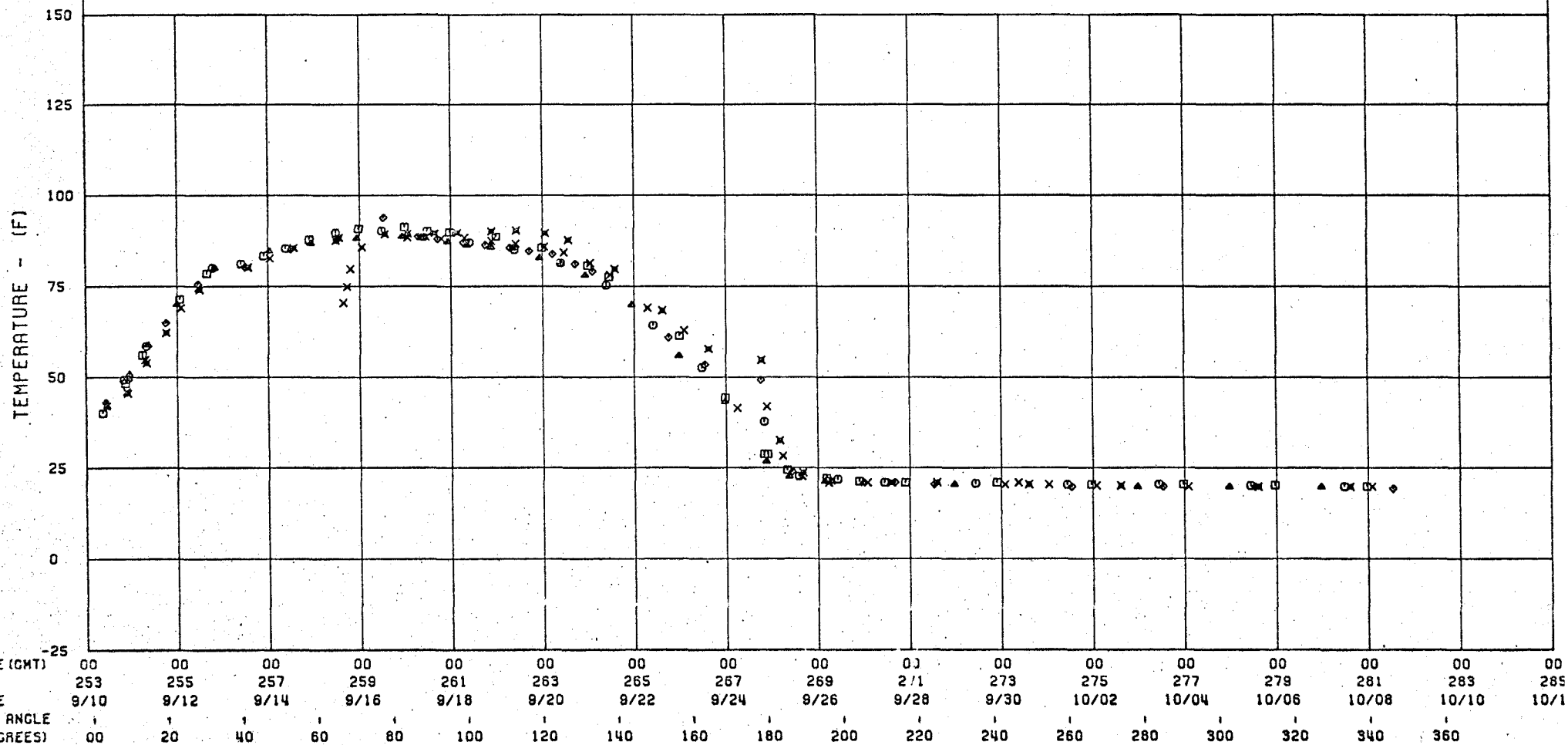


BENDIX AEROSPACE SYSTEMS VISION - THERMOPHYSICS GROU.  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

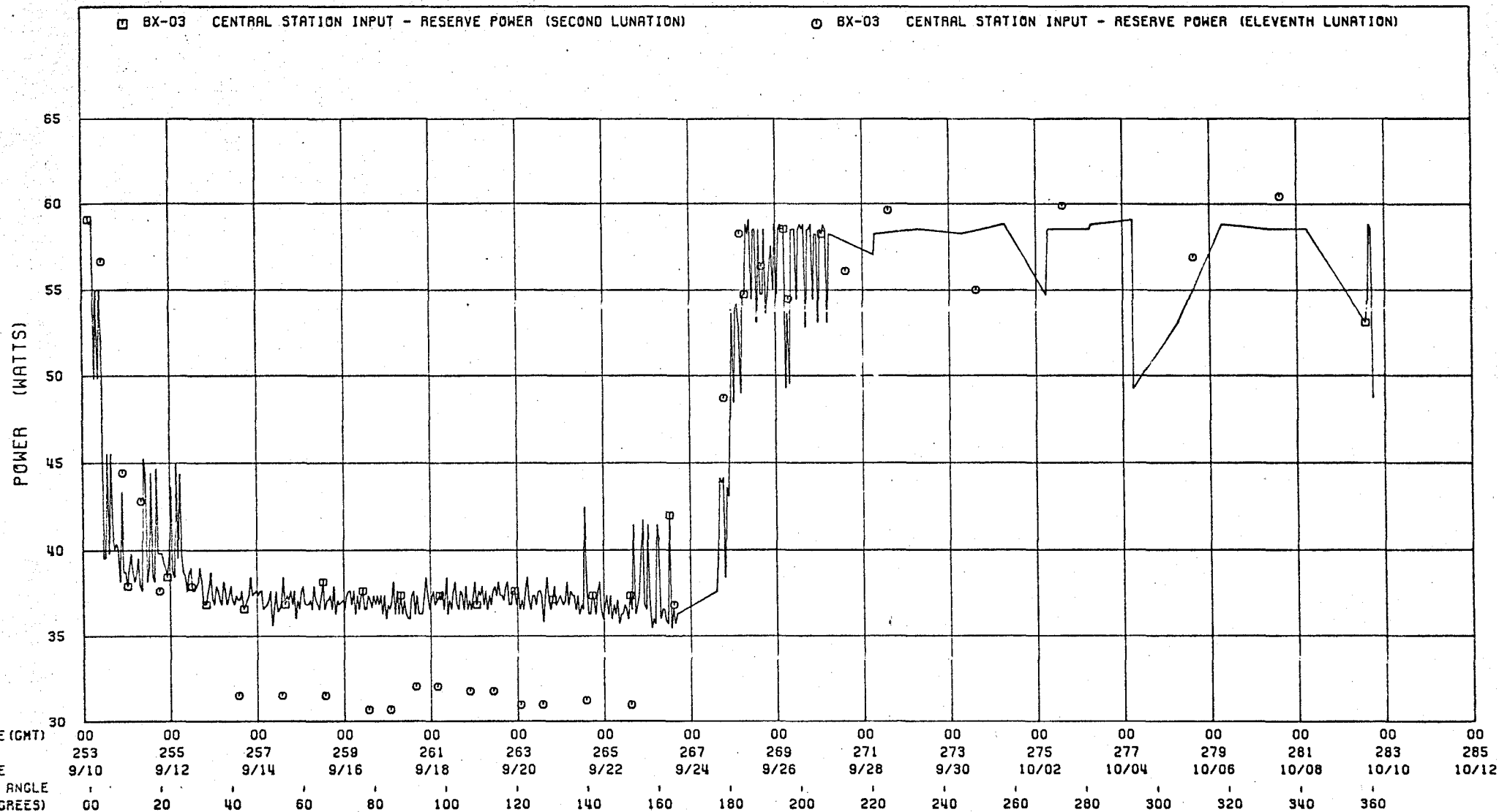


BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GRC  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALL-UP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

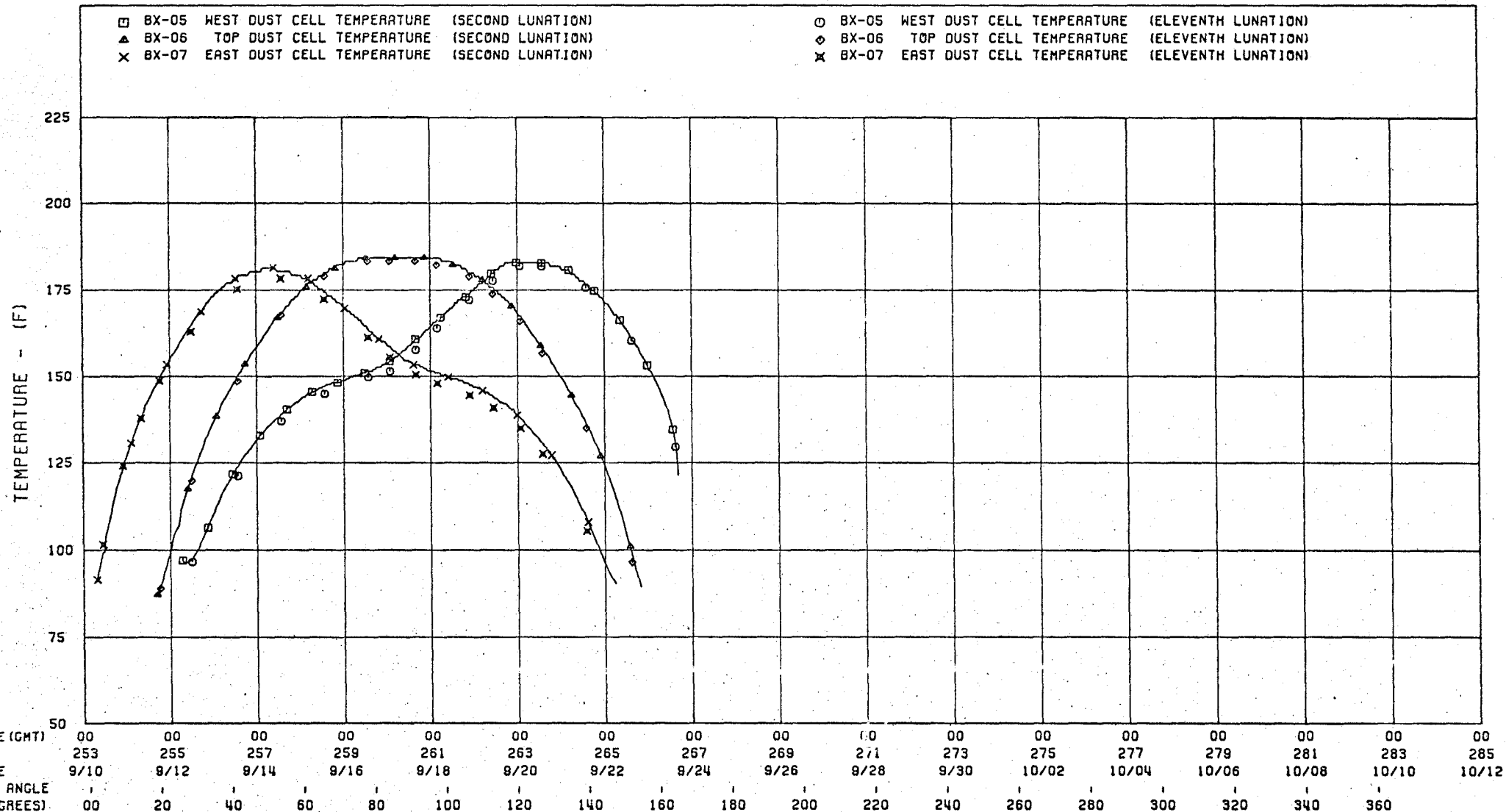
|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SIXTH LUNATION)<br/>                 ▲ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (EIGHTH LUNATION)<br/>                 × BX-01 AVERAGE THERMAL PLATE TEMPERATURE (TENTH LUNATION)</p> | <p>○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SEVENTH LUNATION)<br/>                 ◇ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (NINTH LUNATION)<br/>                 × BX-01 AVERAGE THERMAL PLATE TEMPERATURE (ELEVENTH LUNATION)</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



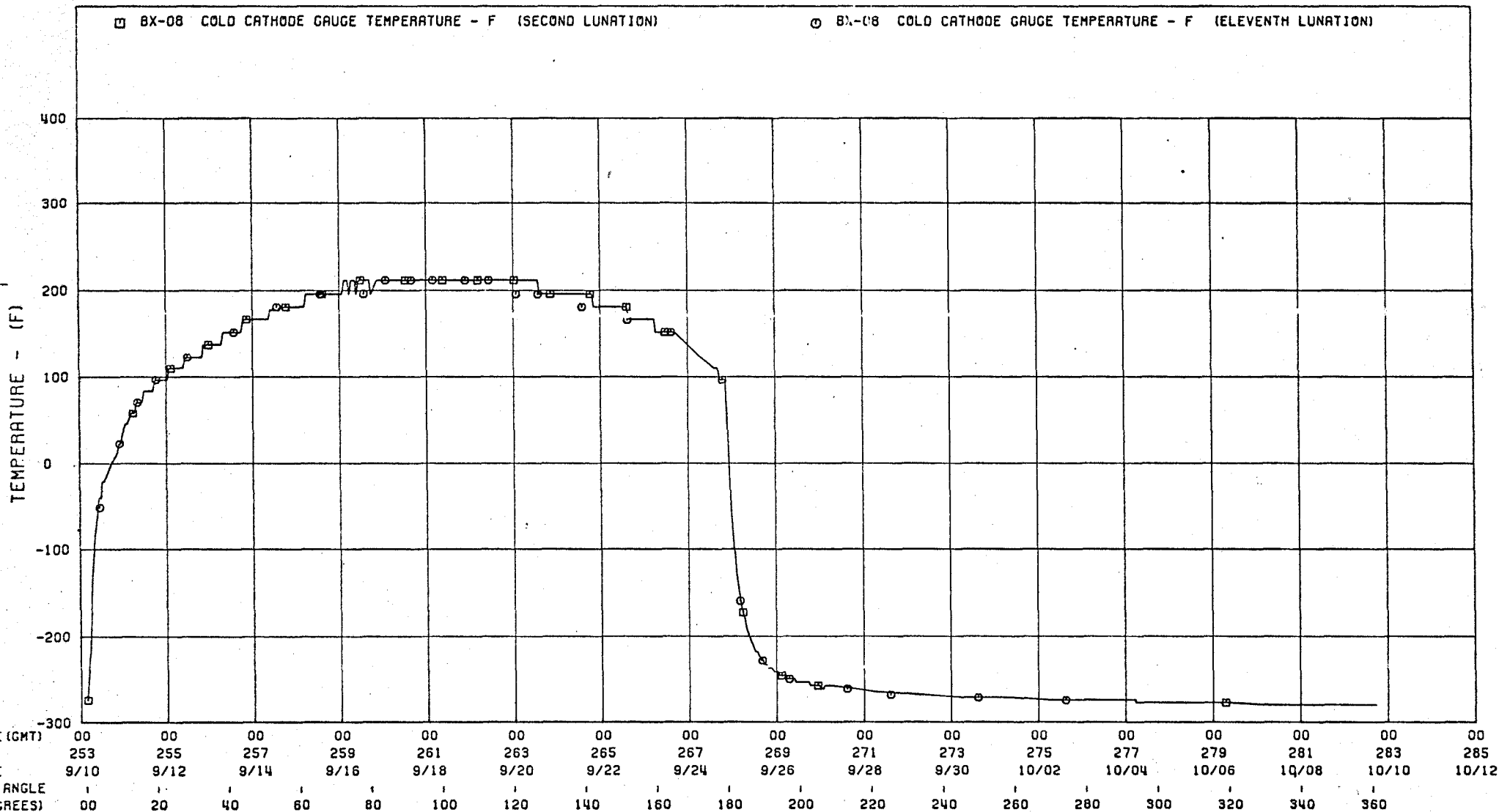
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



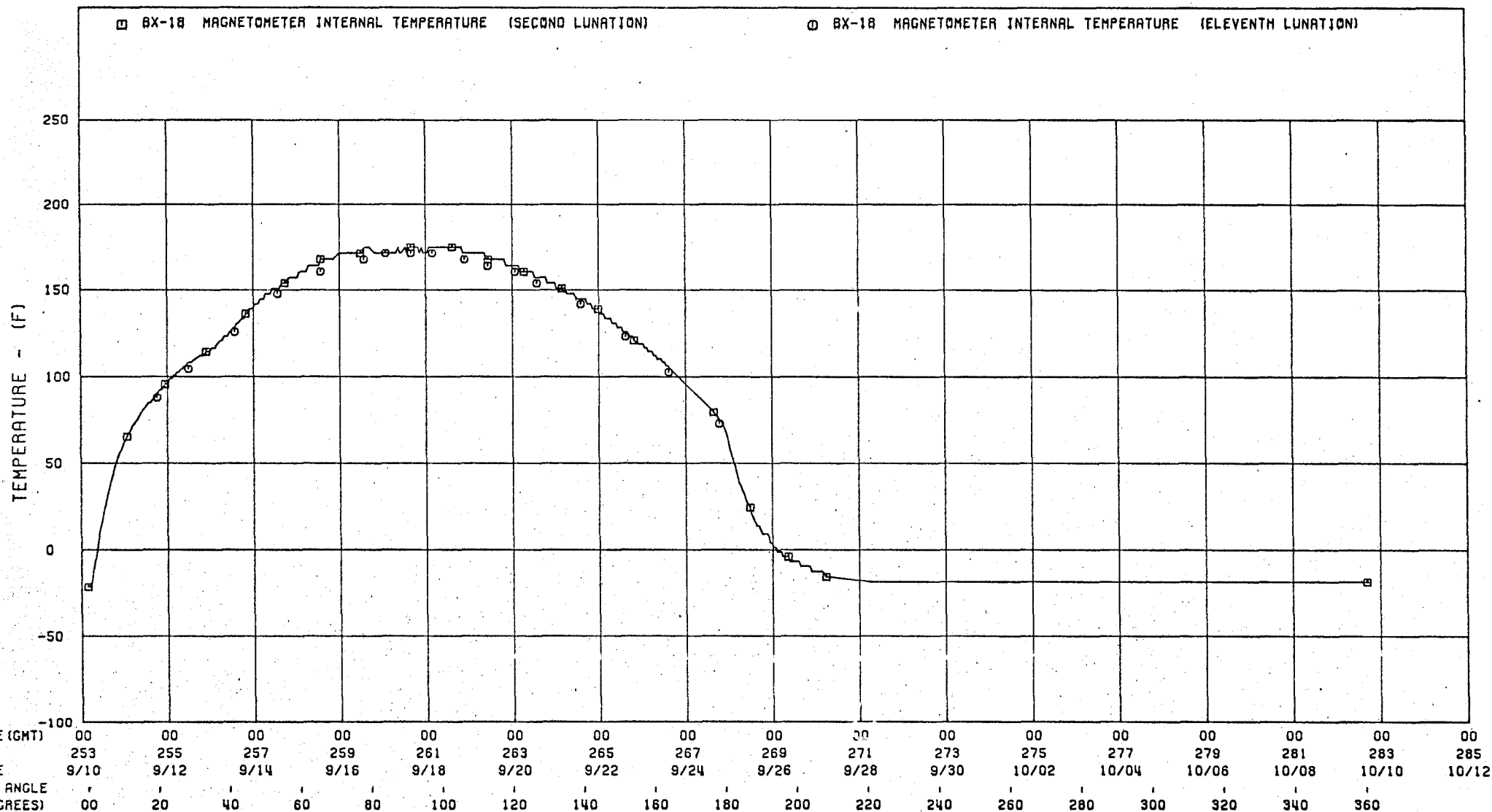
BENDIX AEROSPACE SYSTEM DIVISION - THERMOPHYSICS GRO  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



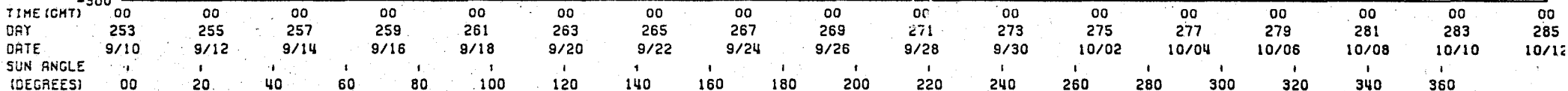
BENDIX AEROSPACE SYSTEM DIVISION - THERMOPHYSICS GRC  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



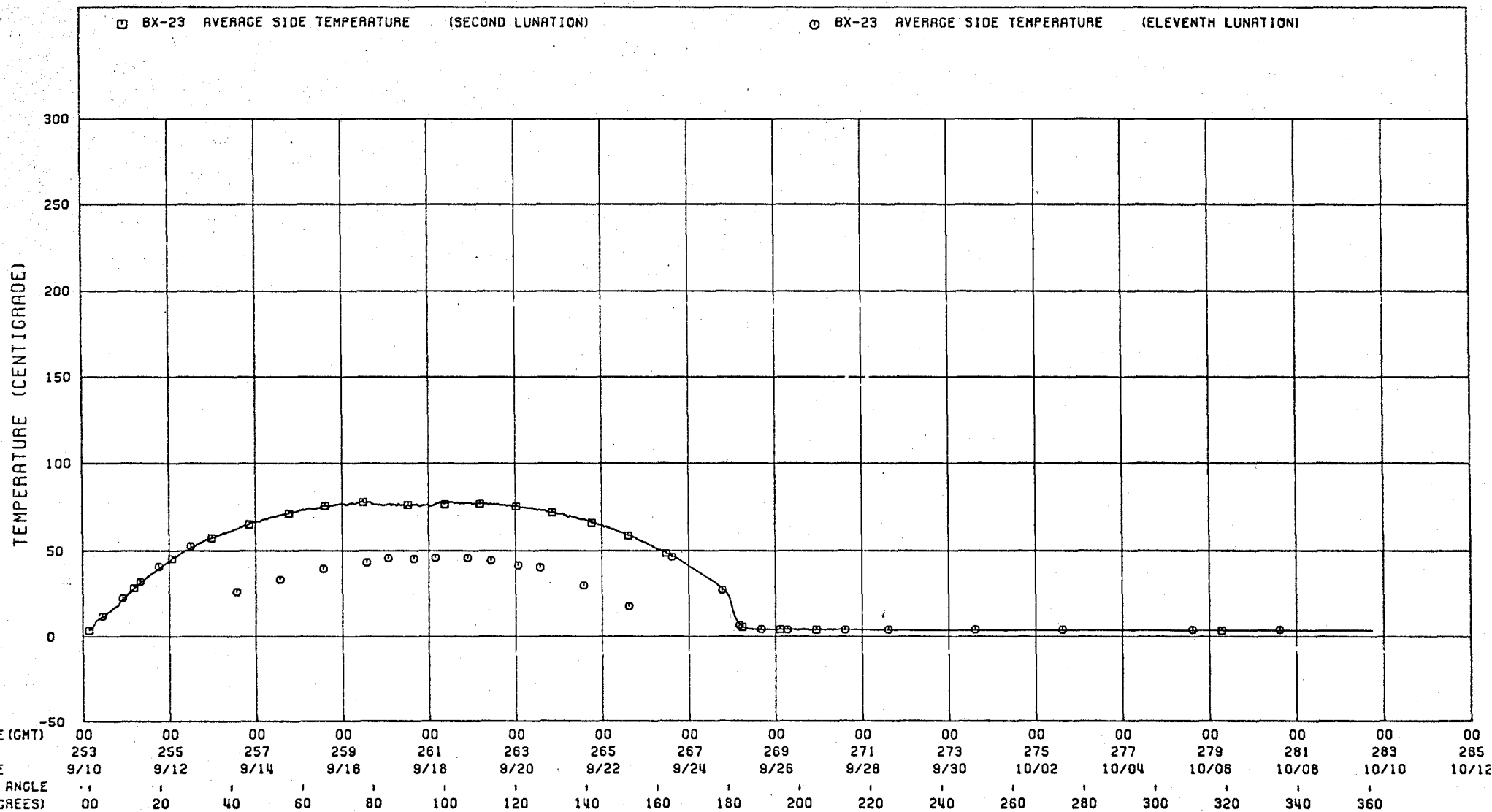
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



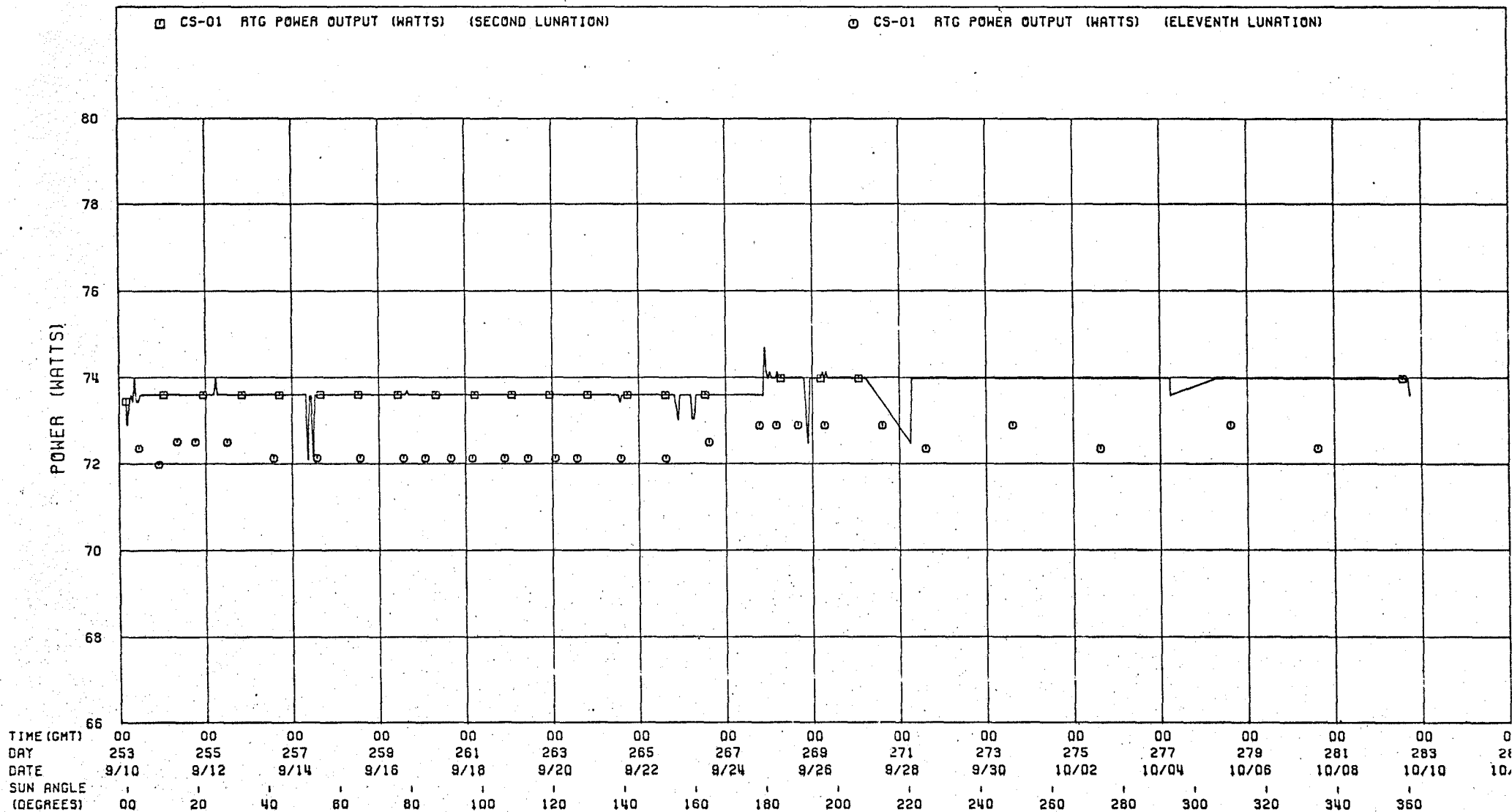
SUNRISE DAY 282 ( OCTOBER 9, 1970) AT 1520 GMT



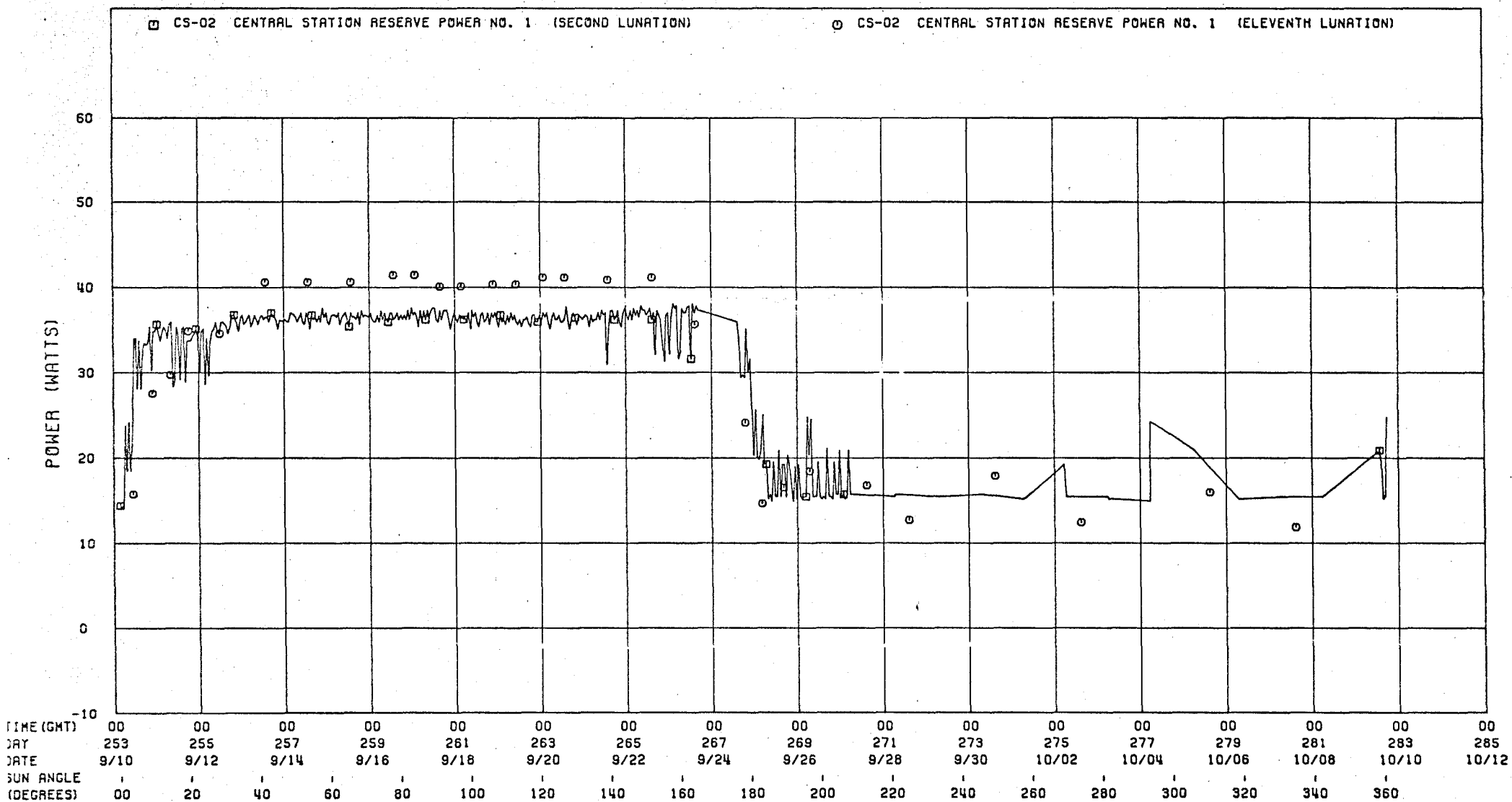
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROU.  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



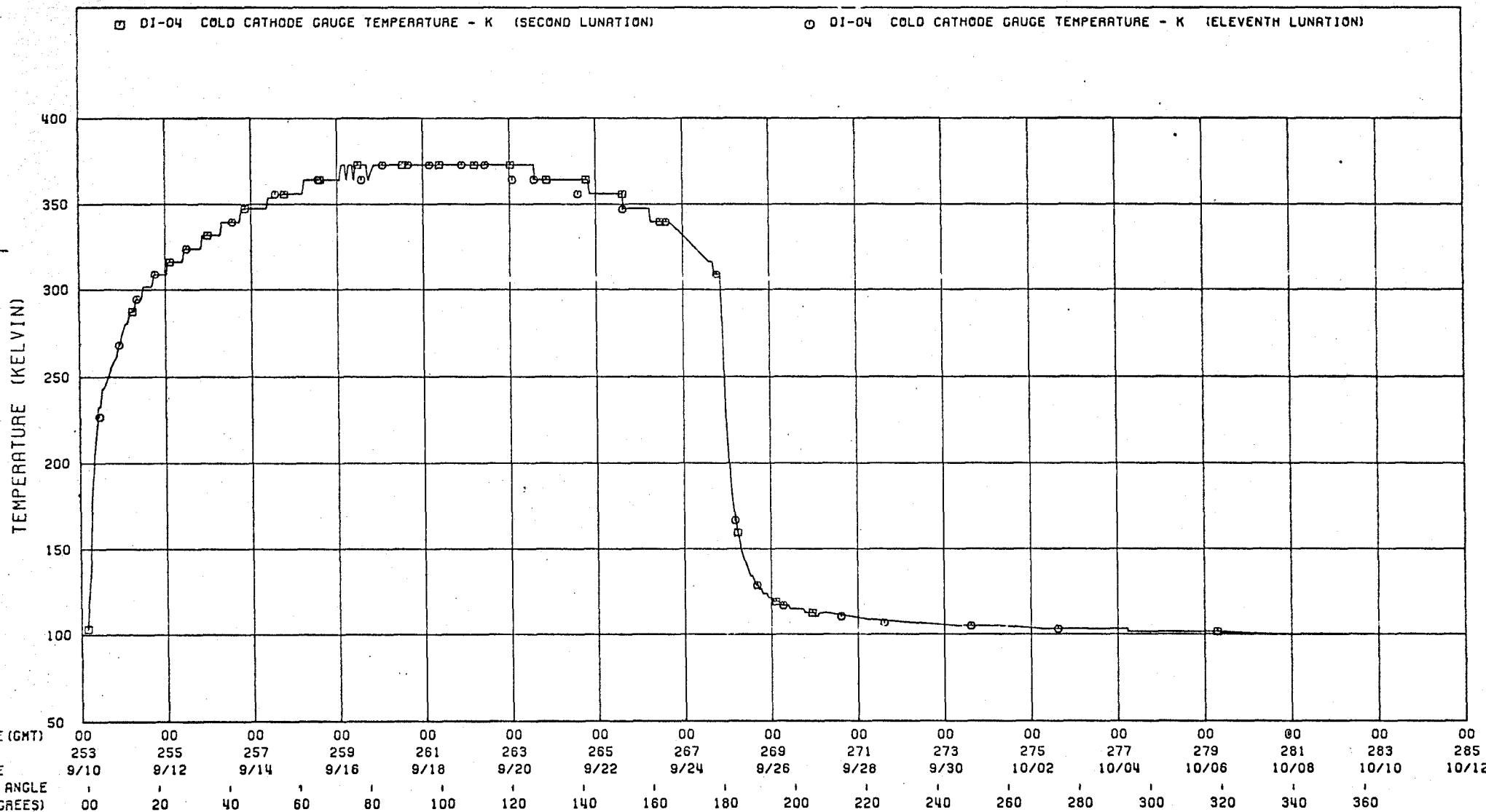
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GR  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH LUNAR LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 262 (OCTOBER 9, 1970) AT 1523 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

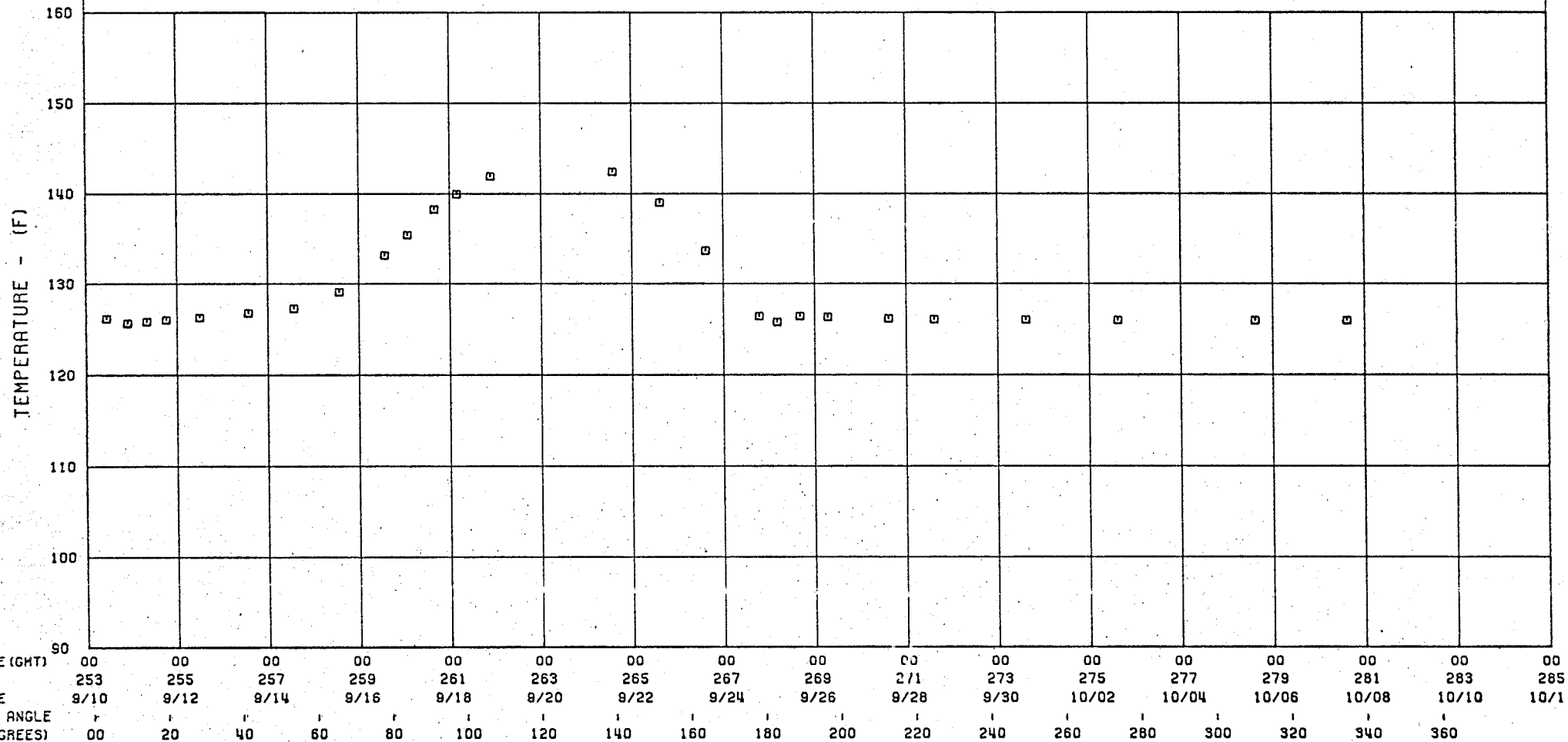


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



BENDIX AEROSPACE SYSTEM DIVISION - THERMOPHYSICS GRG  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 ( OCTOBER 9, 1970) AT 1520 GMT

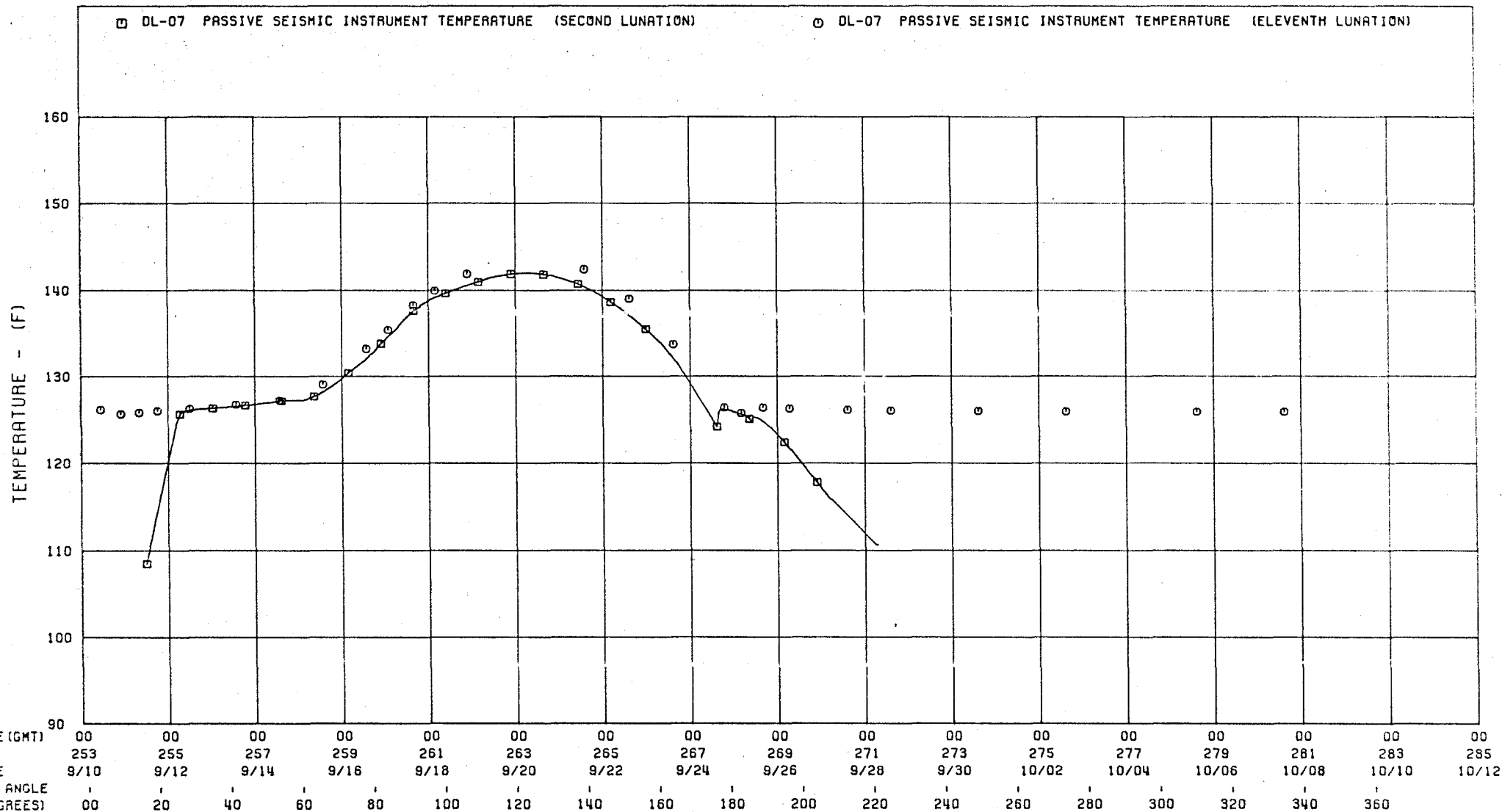
DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (ELEVENTH LUNATION)



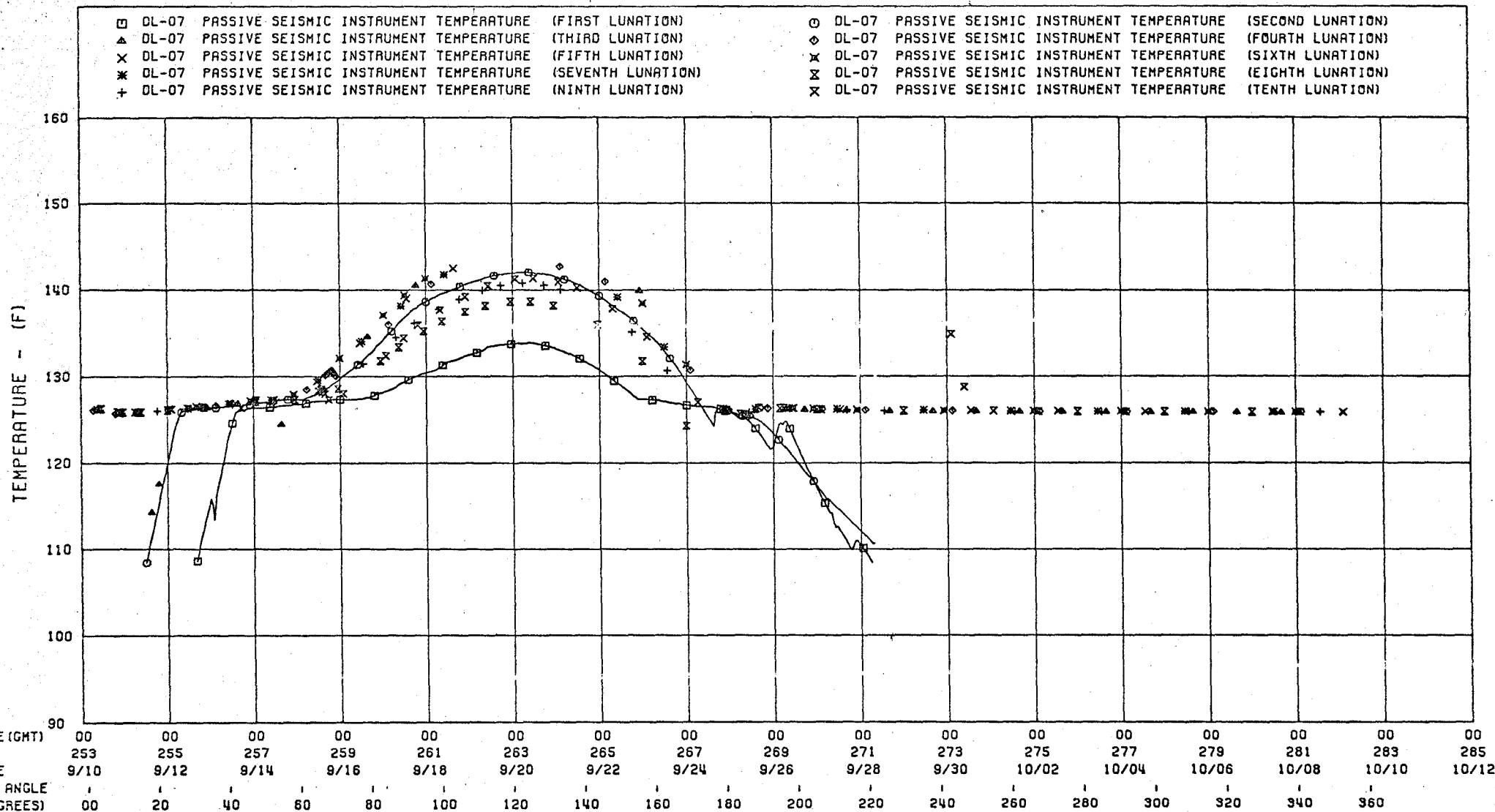
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION

SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT

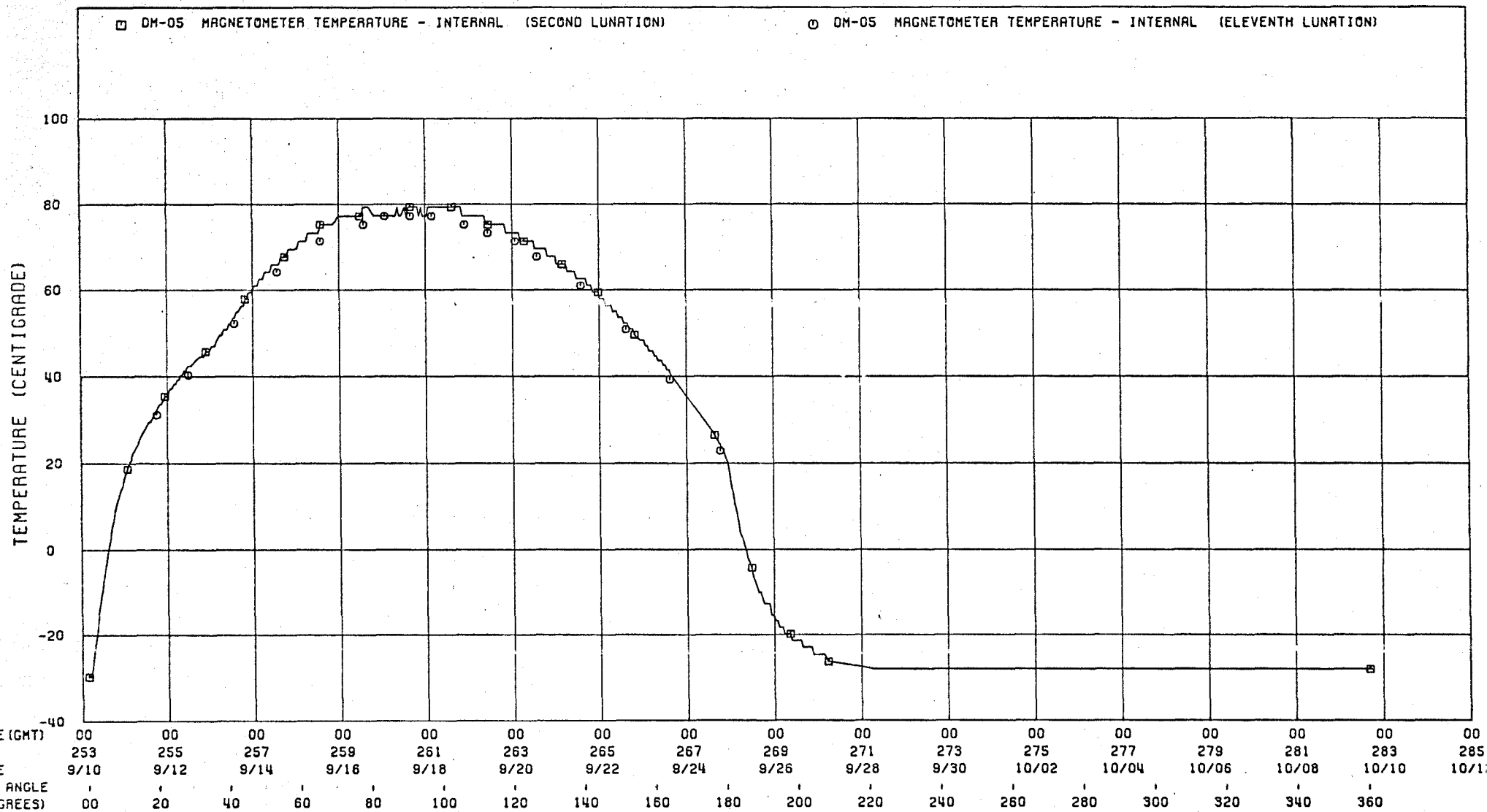
SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



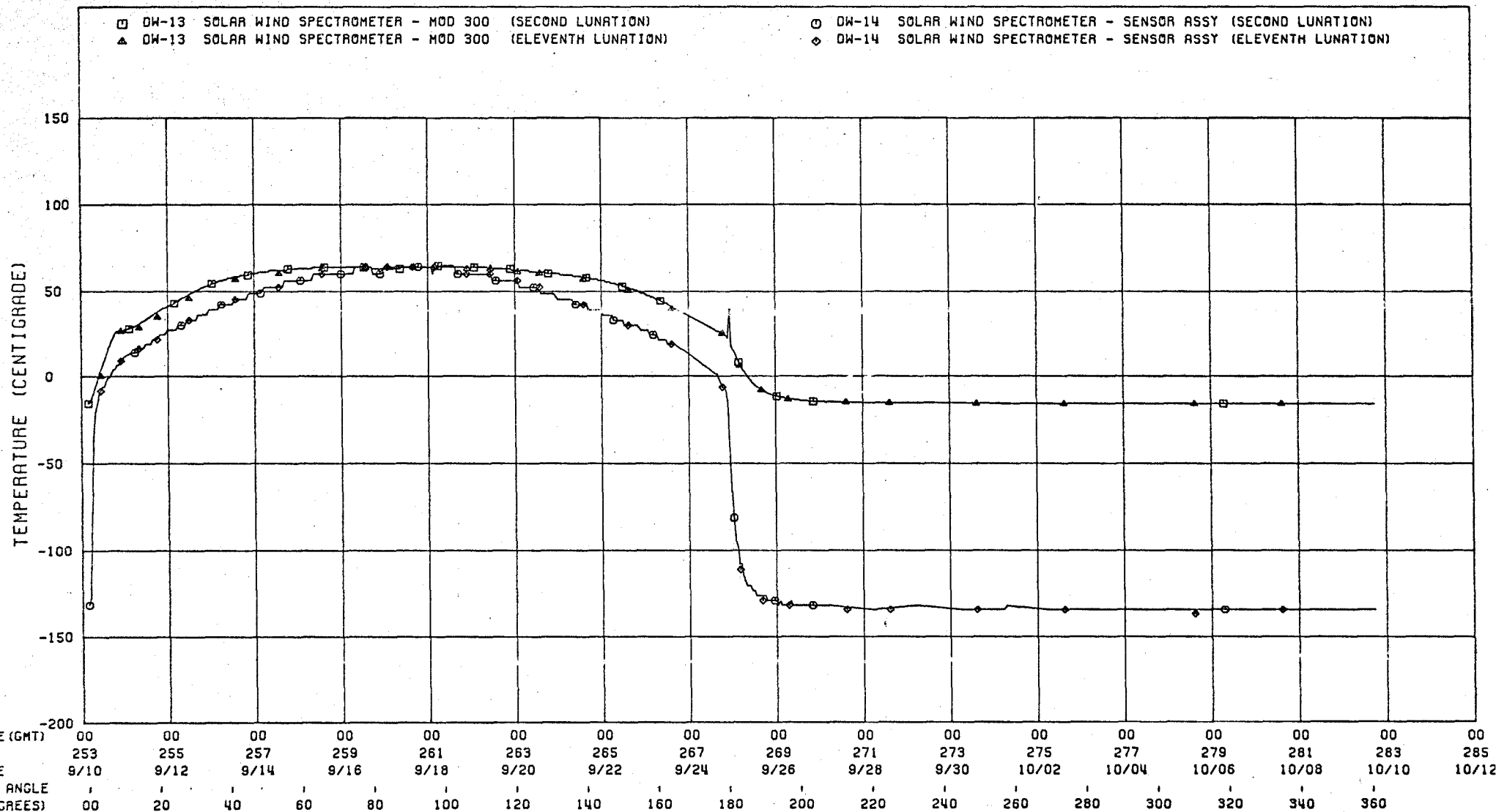
BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GRC  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 13, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



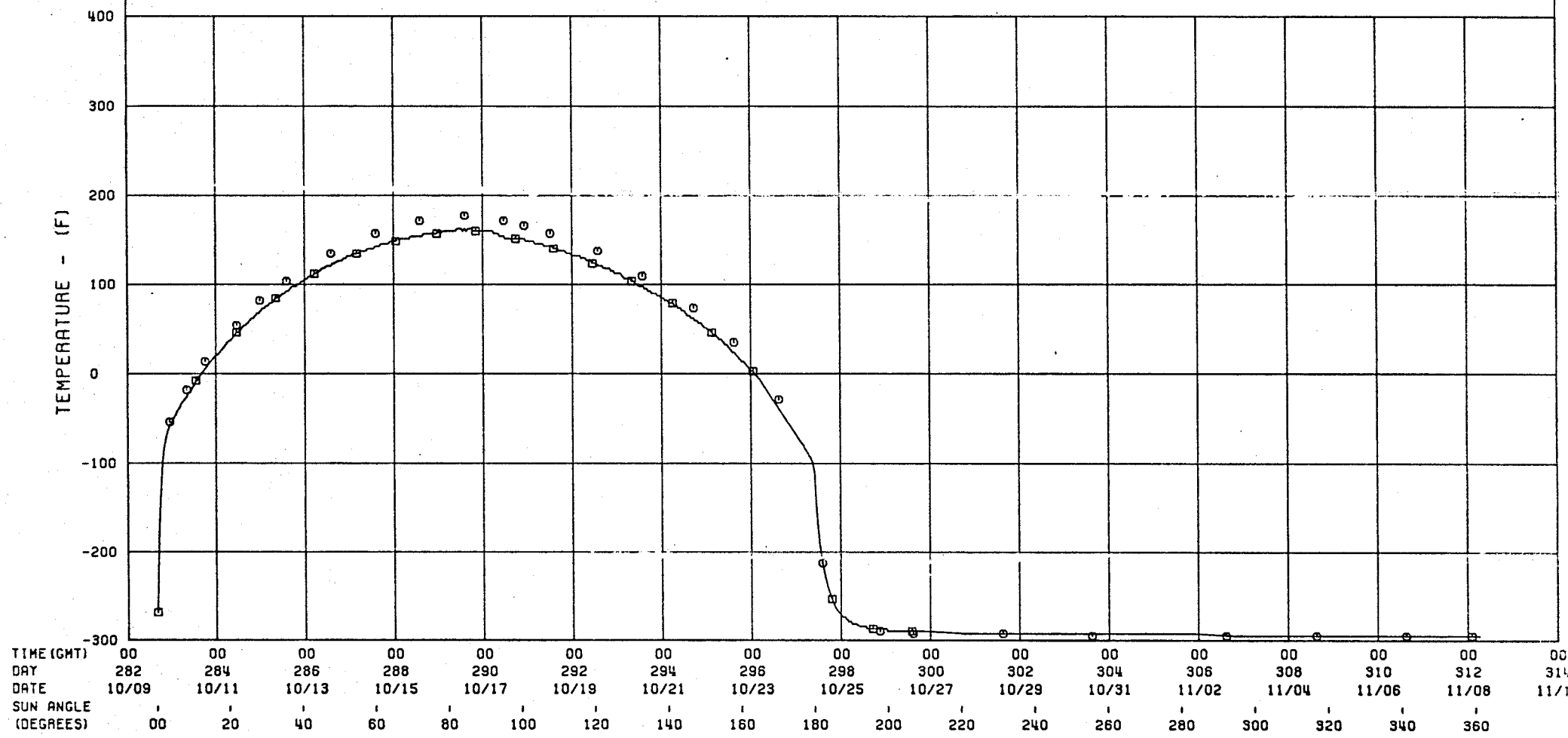
BENDIX AEROSPACE SYSTEM DIVISION - THERMOPHYSICS GRG  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT



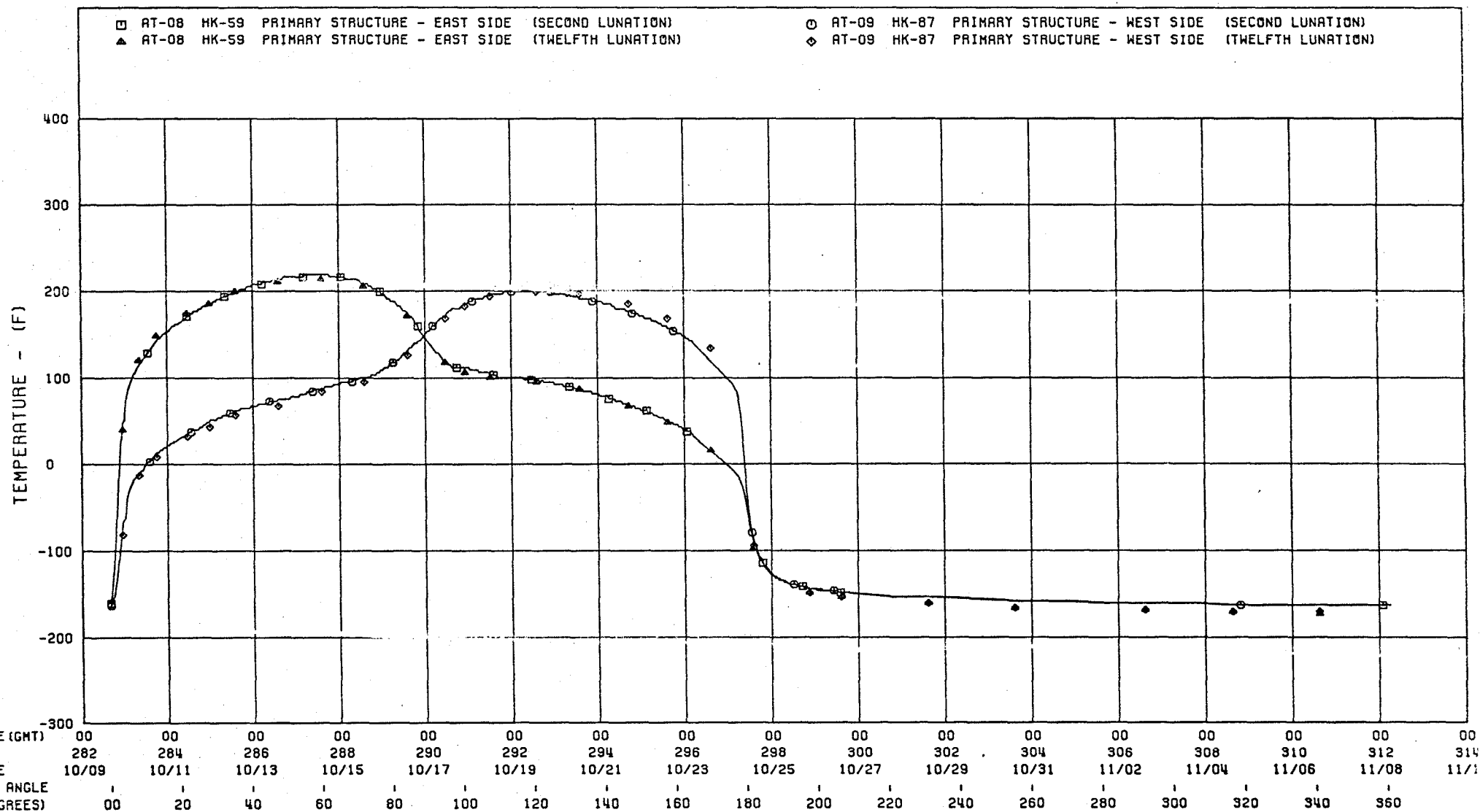
B.M.14

BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

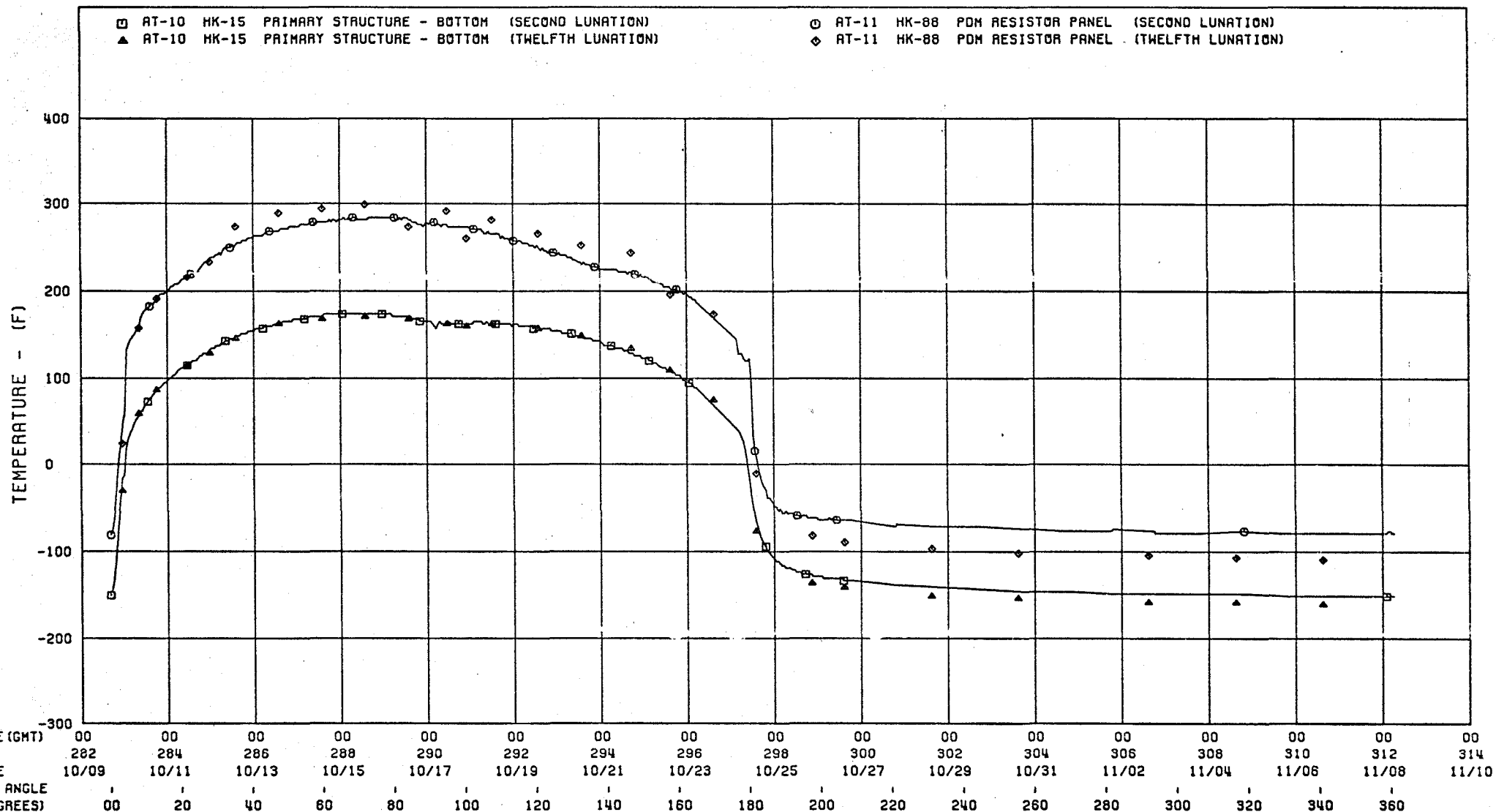
□ AT-01 HK-27 SUNSHIELD TEMPERATURE - TOP (SECOND LUNATION)      ○ AT-01 HK-27 SUNSHIELD TEMPERATURE - TOP (TWELFTH LUNATION)



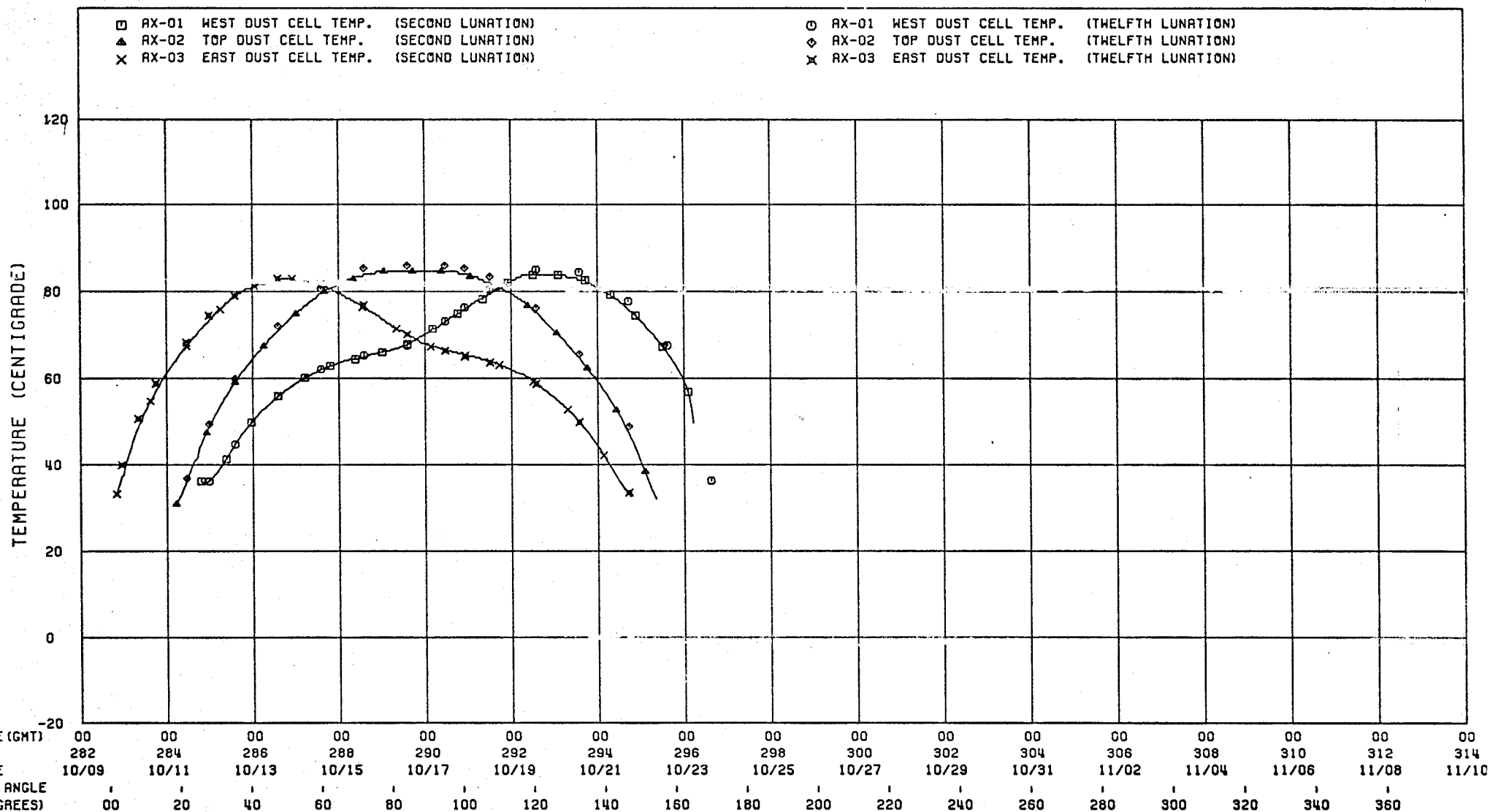
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



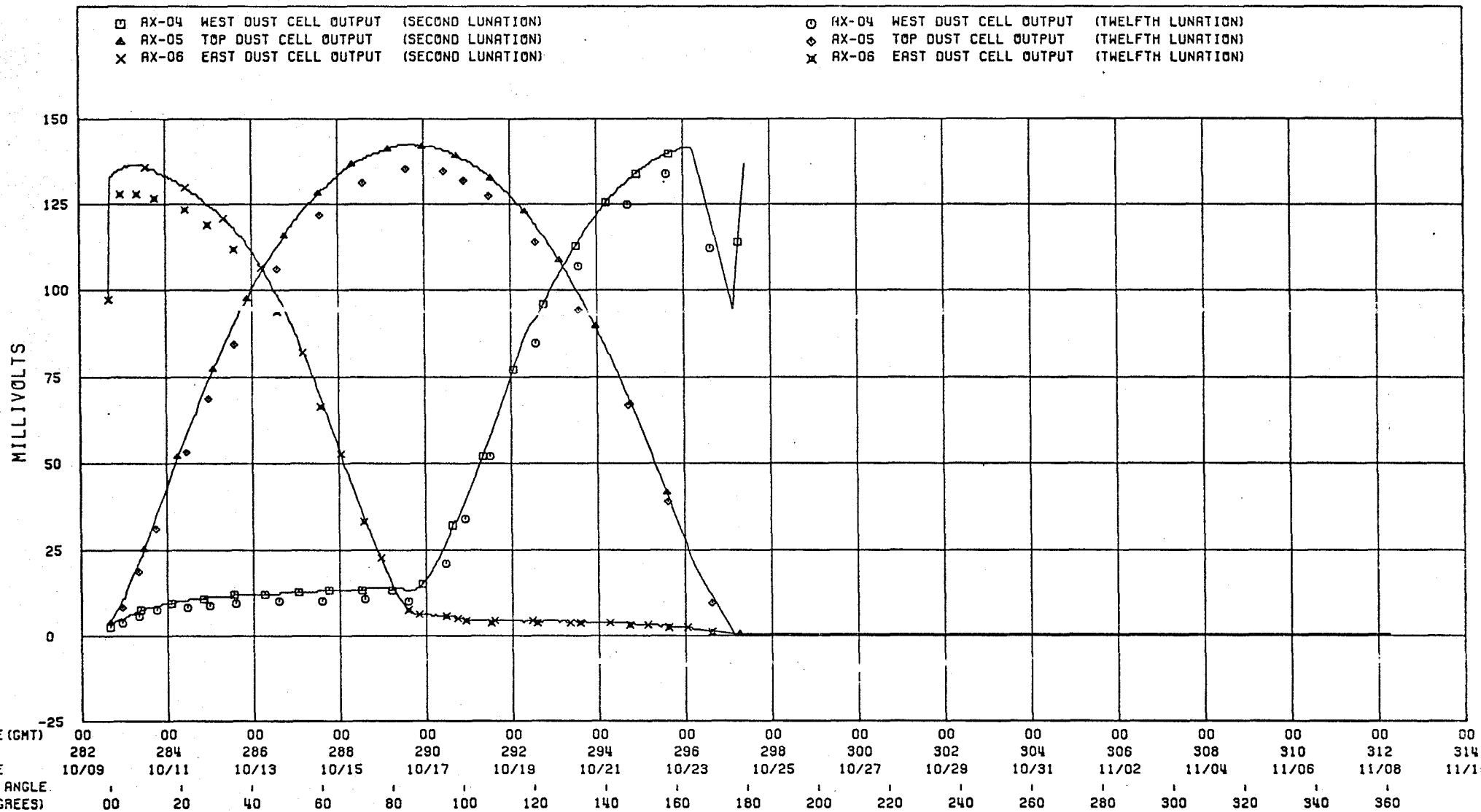
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



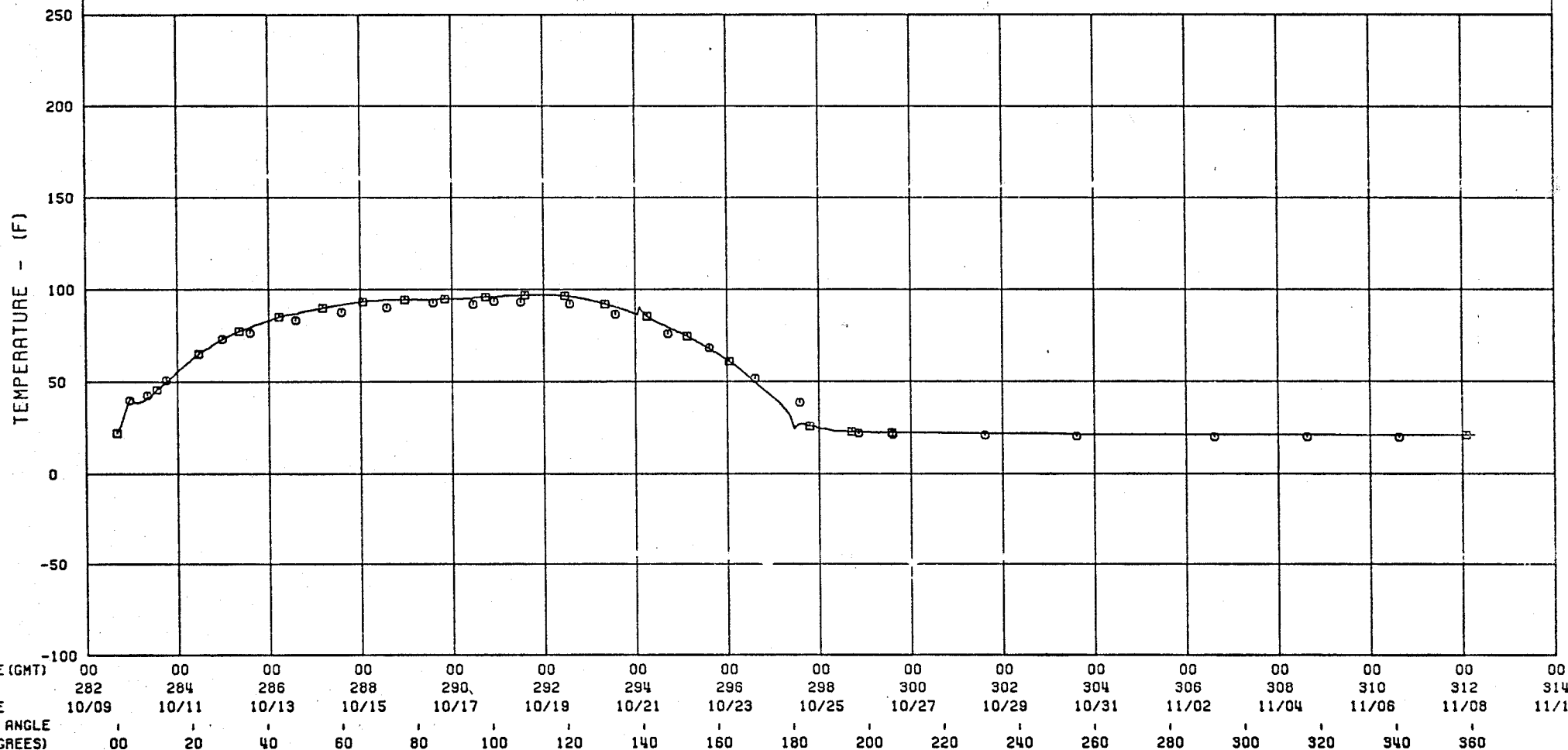
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION

SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

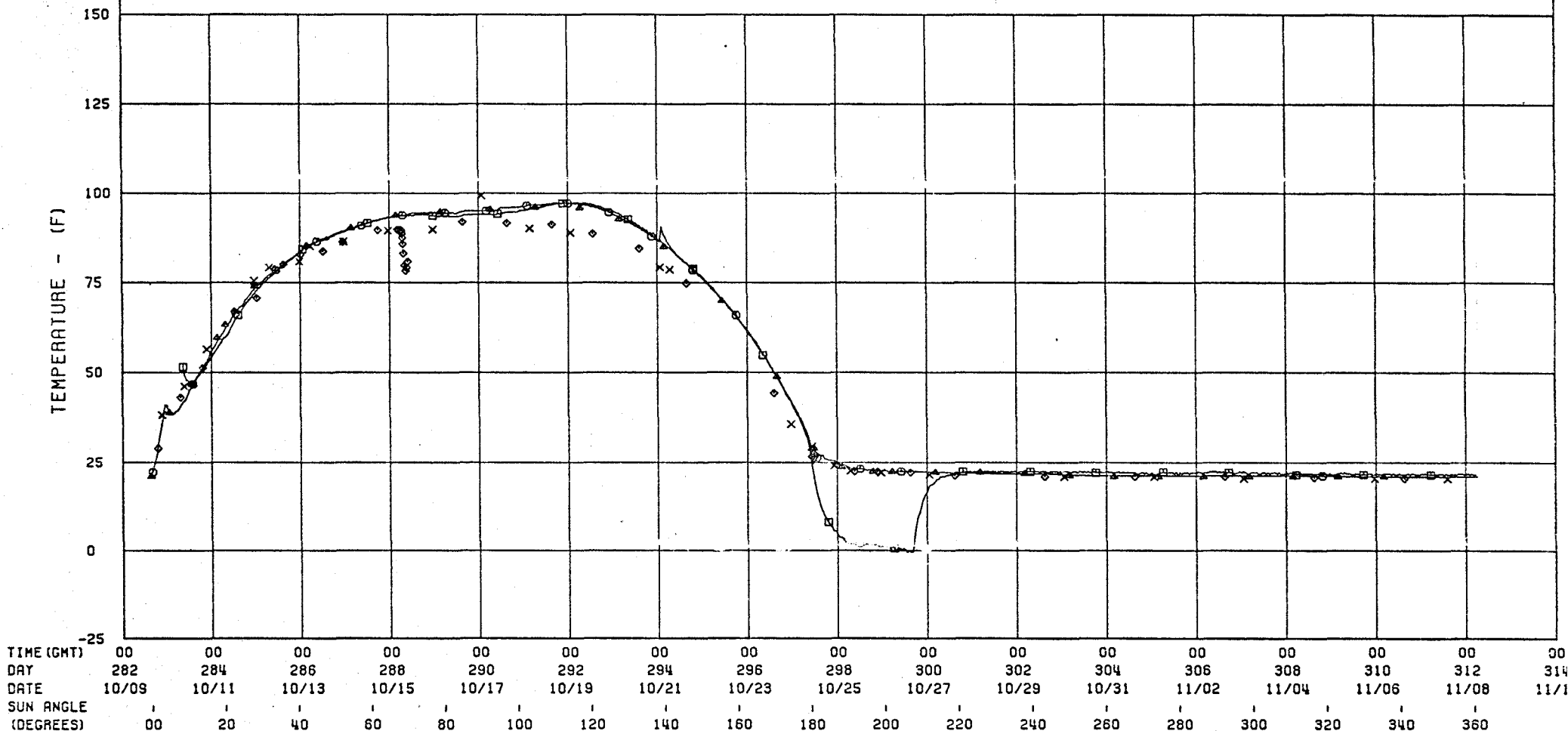
□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SECOND LUNATION)

○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (TWELFTH LUNATION)

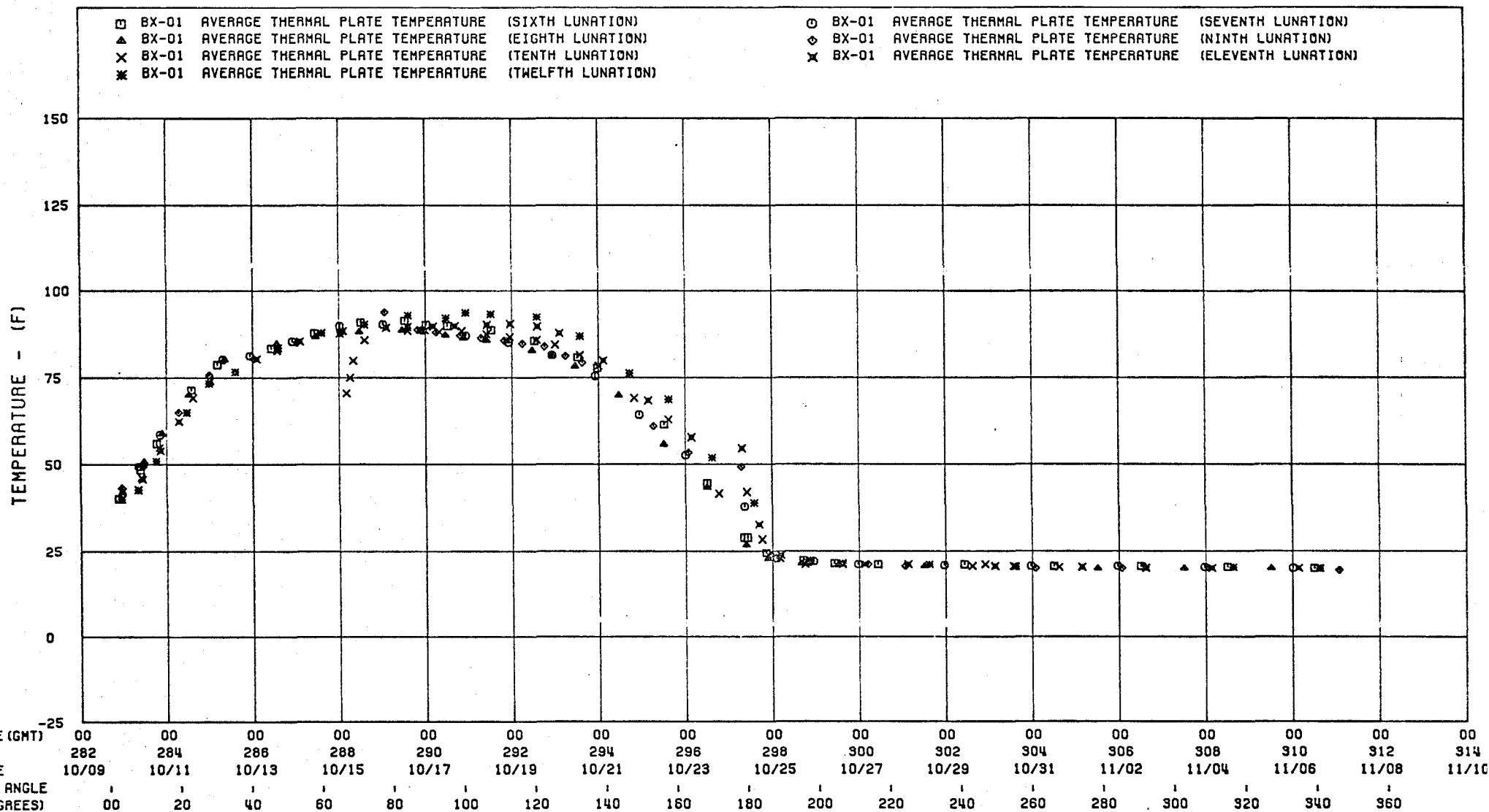


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

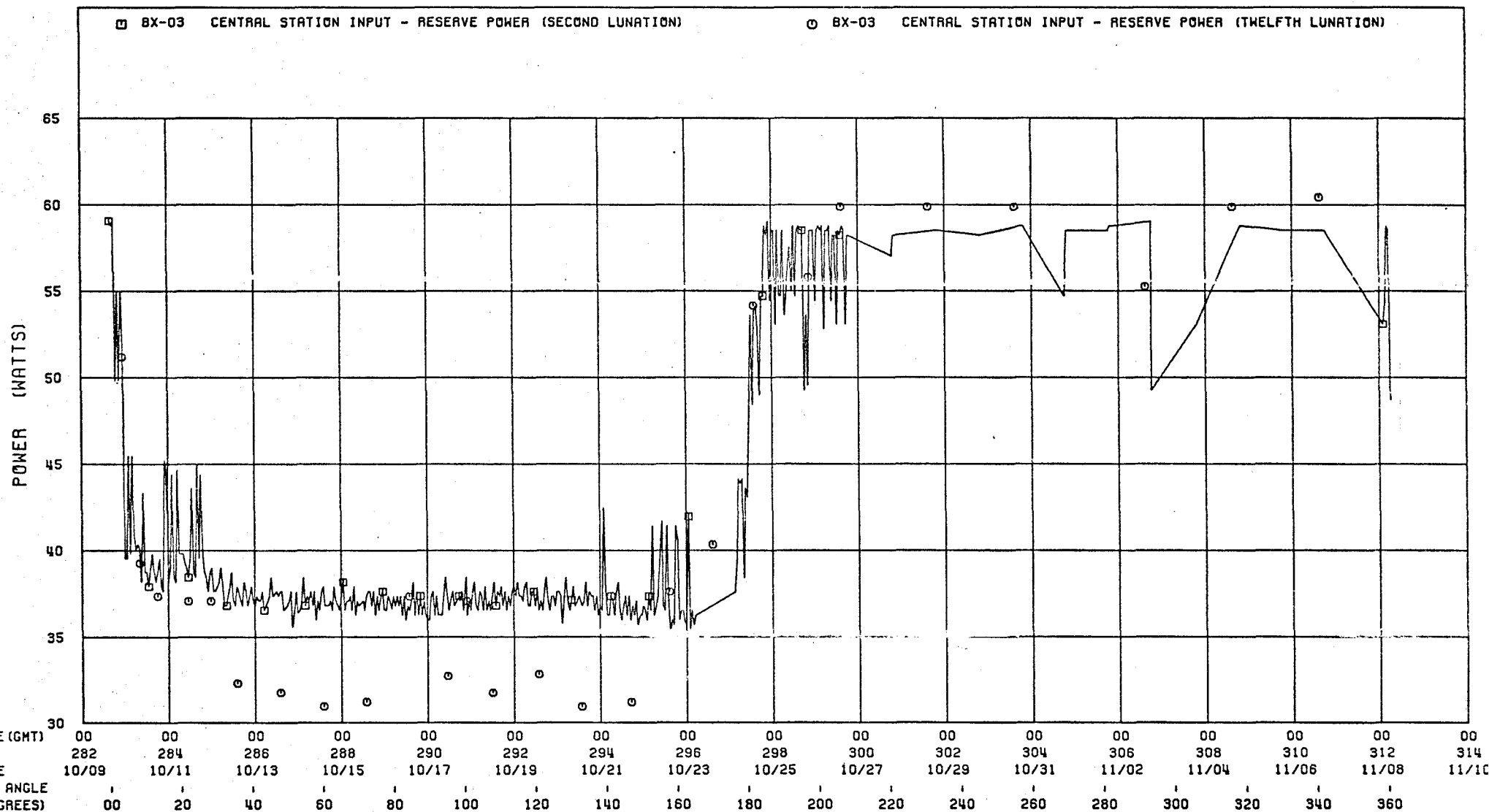
|                                                                                                                                                                                        |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| □ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FIRST LUNATION)<br>▲ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (THIRD LUNATION)<br>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FIFTH LUNATION) | ○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SECOND LUNATION)<br>◇ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FOURTH LUNATION) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|



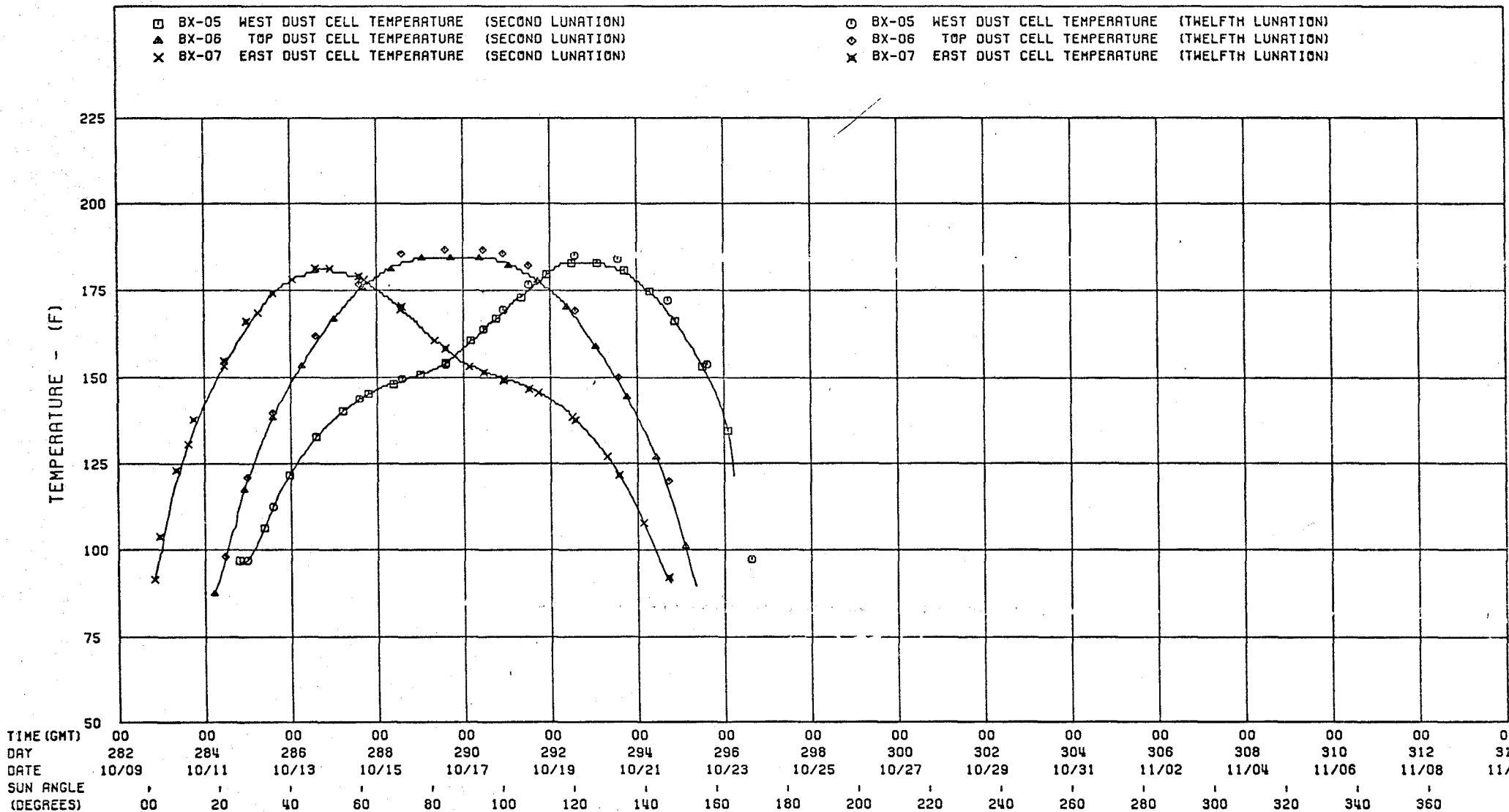
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



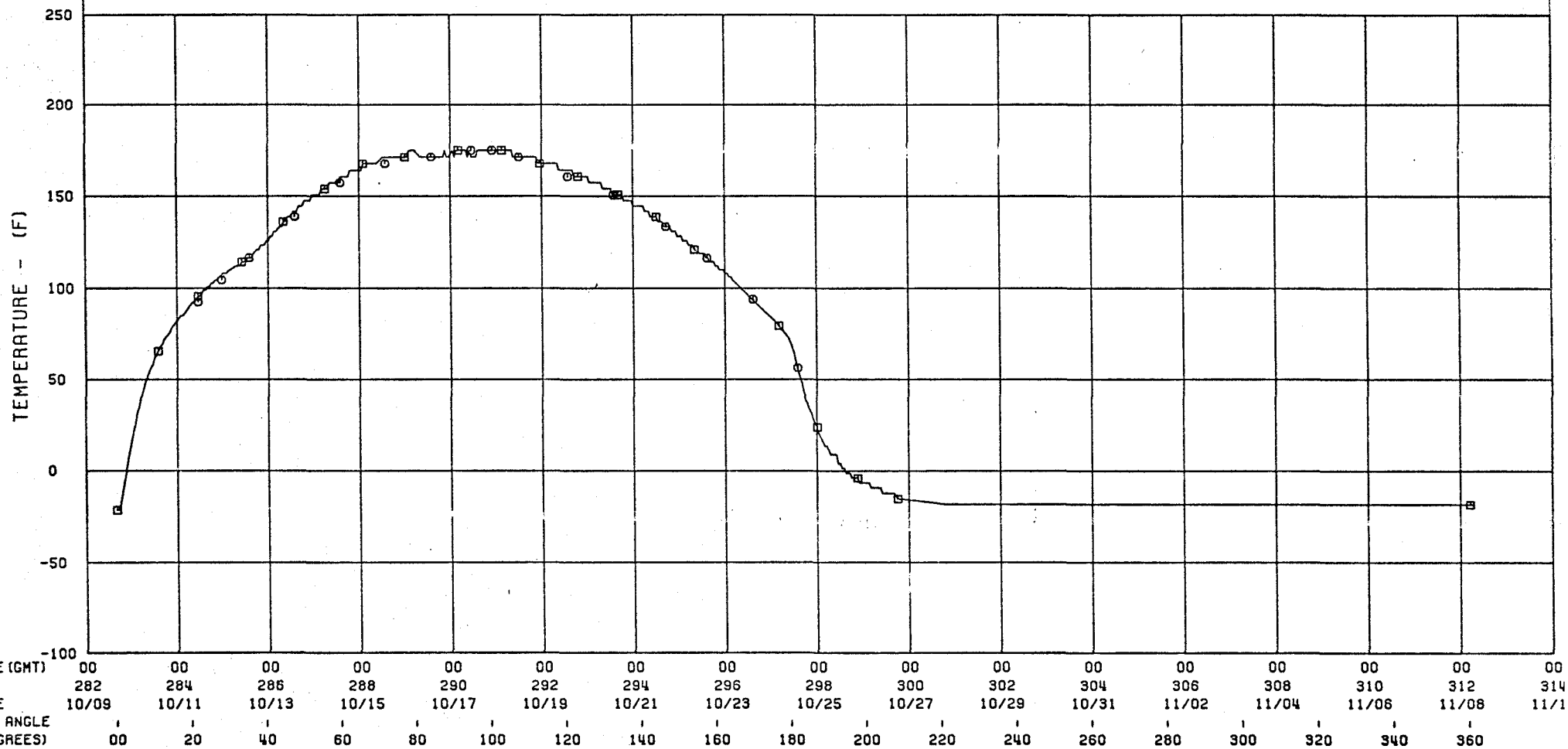
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

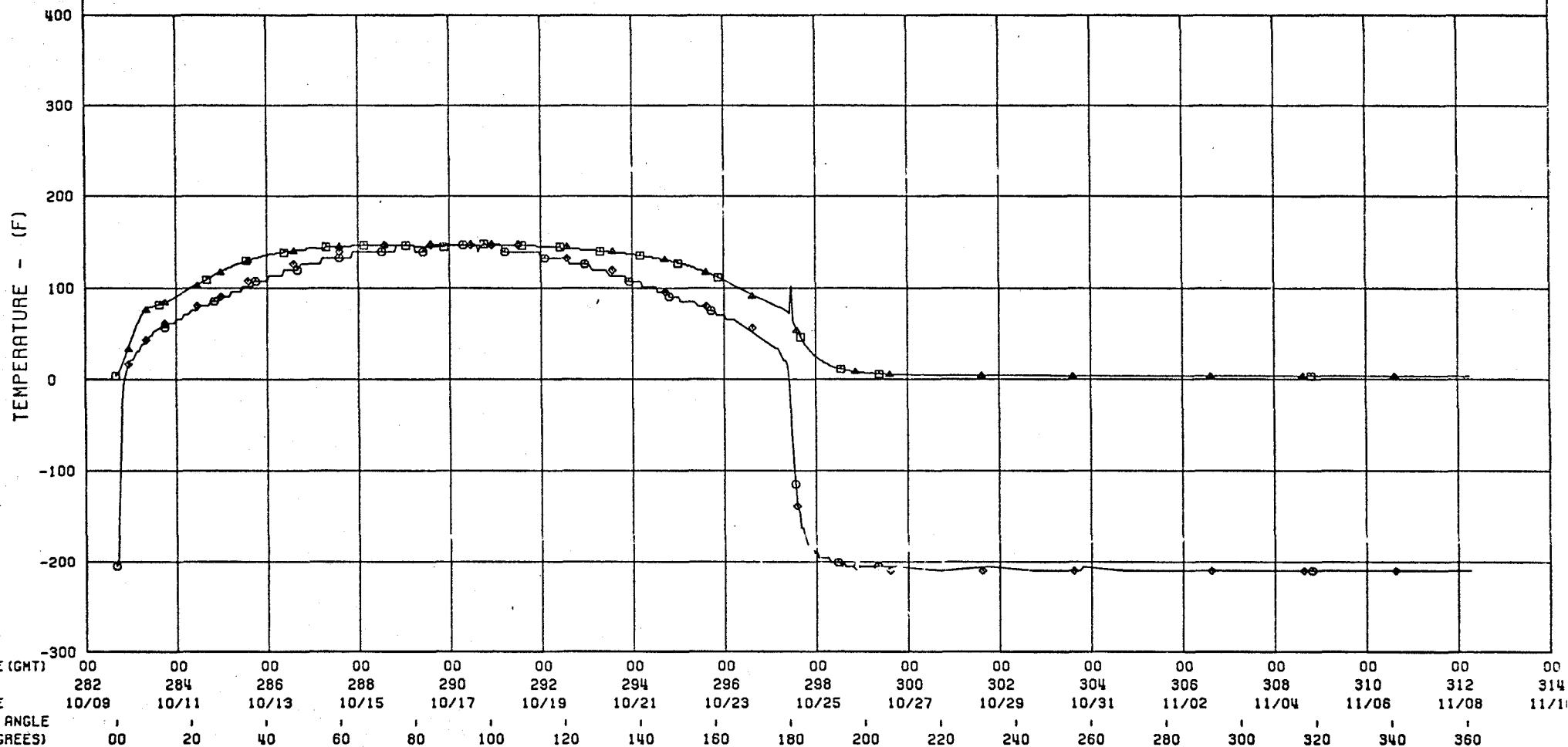
□ BX-18 MAGNETOMETER INTERNAL TEMPERATURE (SECOND LUNATION)

○ BX-18 MAGNETOMETER INTERNAL TEMPERATURE (TWELFTH LUNATION)



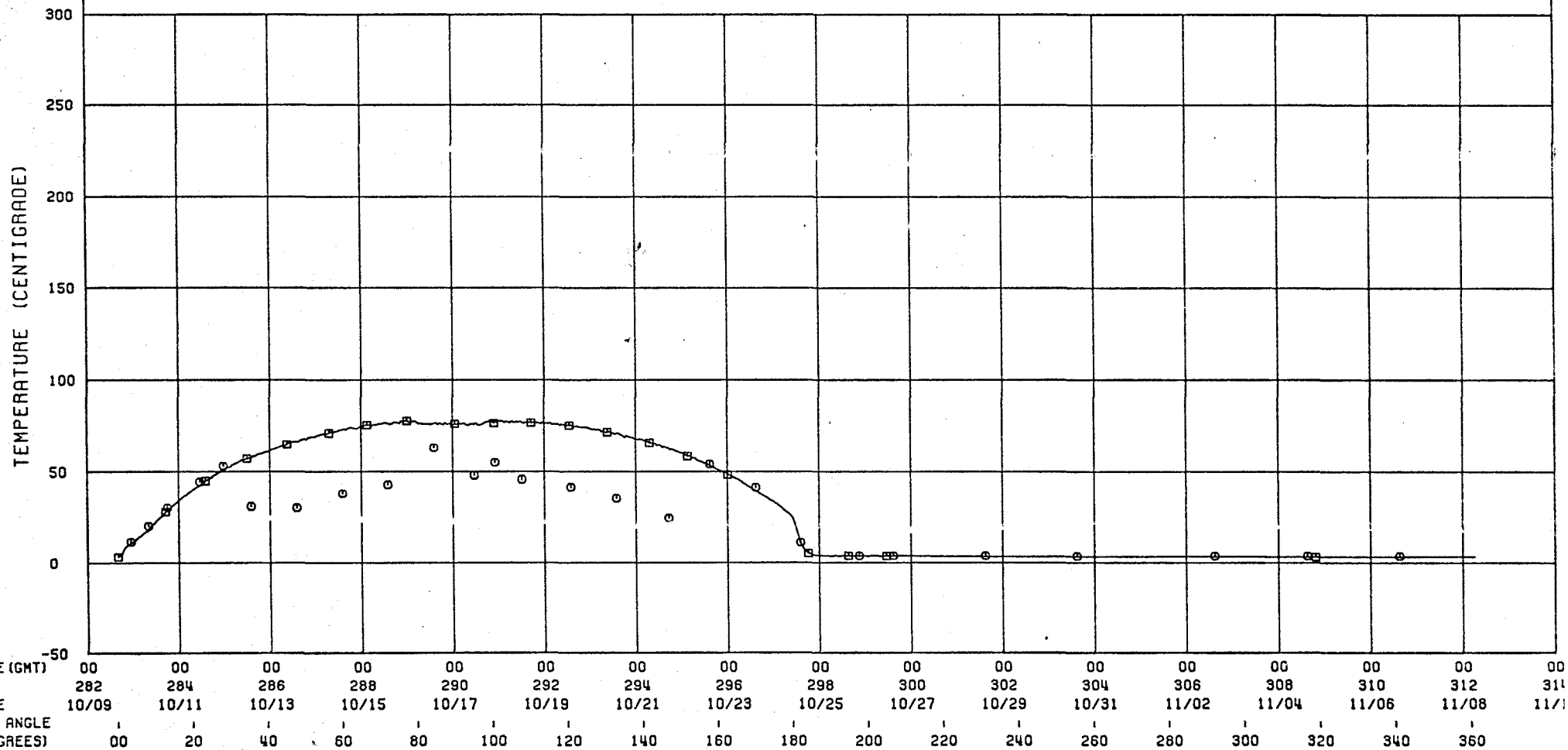
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

BX-21 SOLAR WIND SPECTROMETER (MOD 300) (SECOND LUNATION)
  BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (SECOND LUNATION)
  BX-21 SOLAR WIND SPECTROMETER (MOD 300) (TWELFTH LUNATION)
  BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (TWELFTH LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

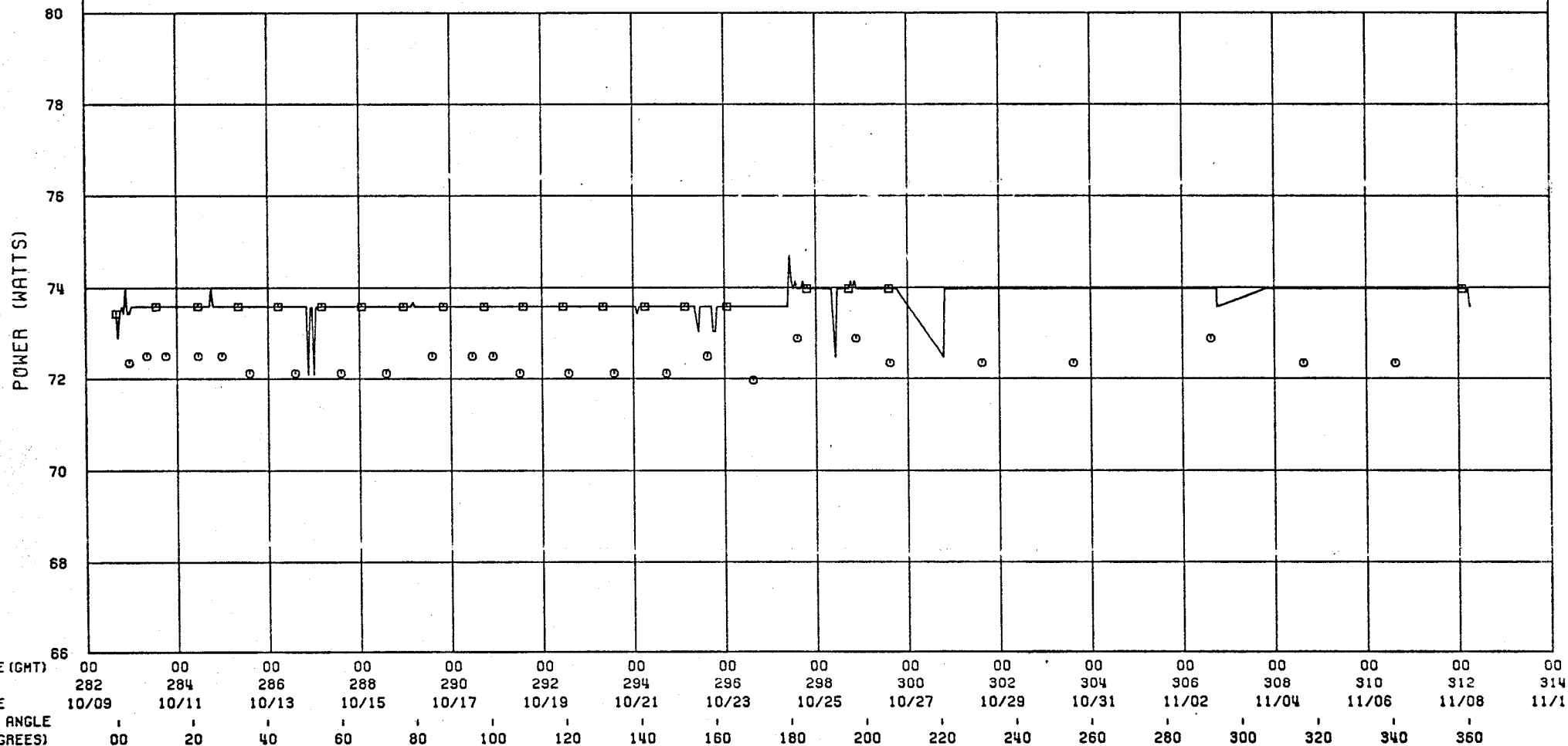
□ BX-23 AVERAGE SIDE TEMPERATURE (SECOND LUNATION)
○ BX-23 AVERAGE SIDE TEMPERATURE (TWELFTH LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

□ CS-01 RTG POWER OUTPUT (WATTS) (SECOND LUNATION)

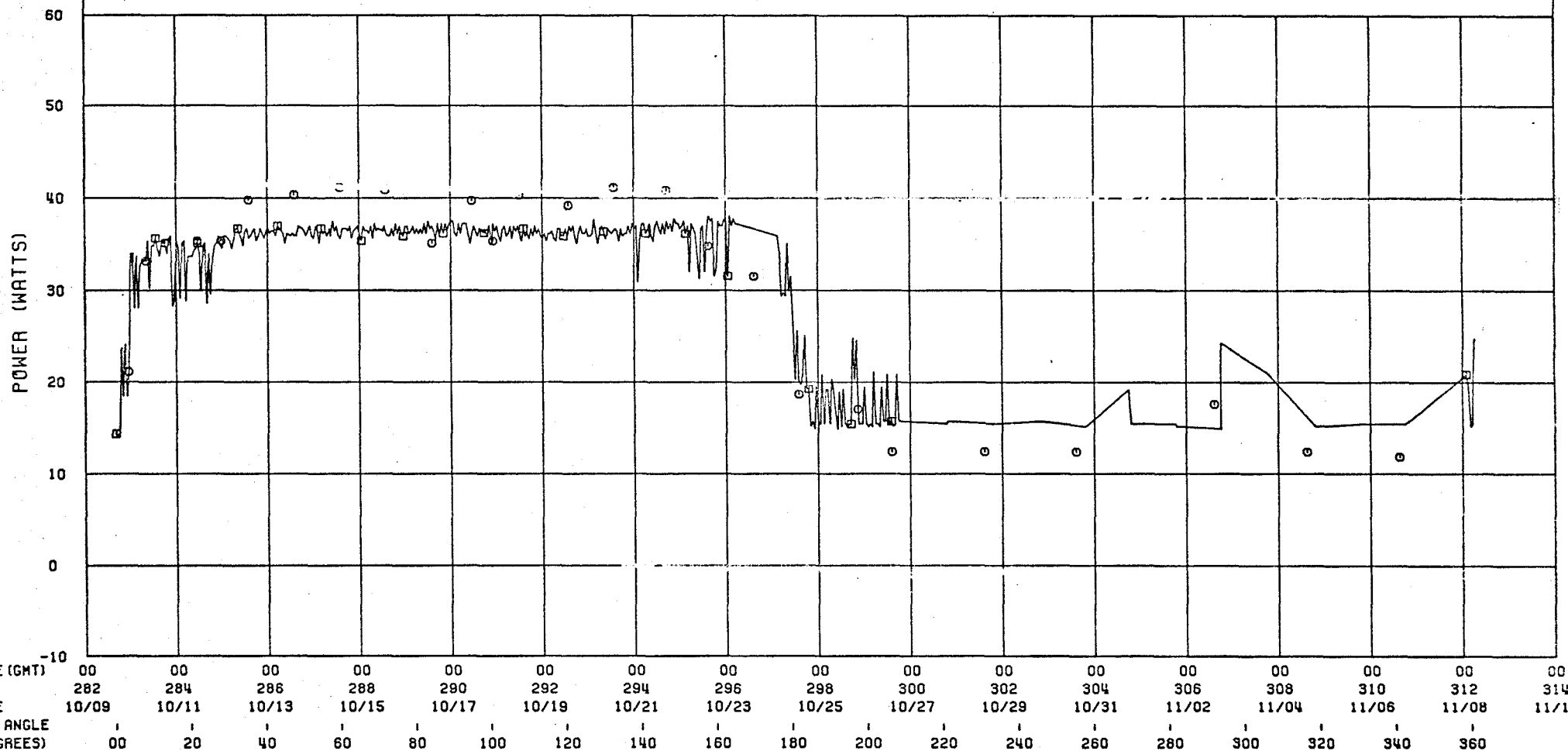
○ CS-01 RTG POWER OUTPUT (WATTS) (TWELFTH LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRAISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRAISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

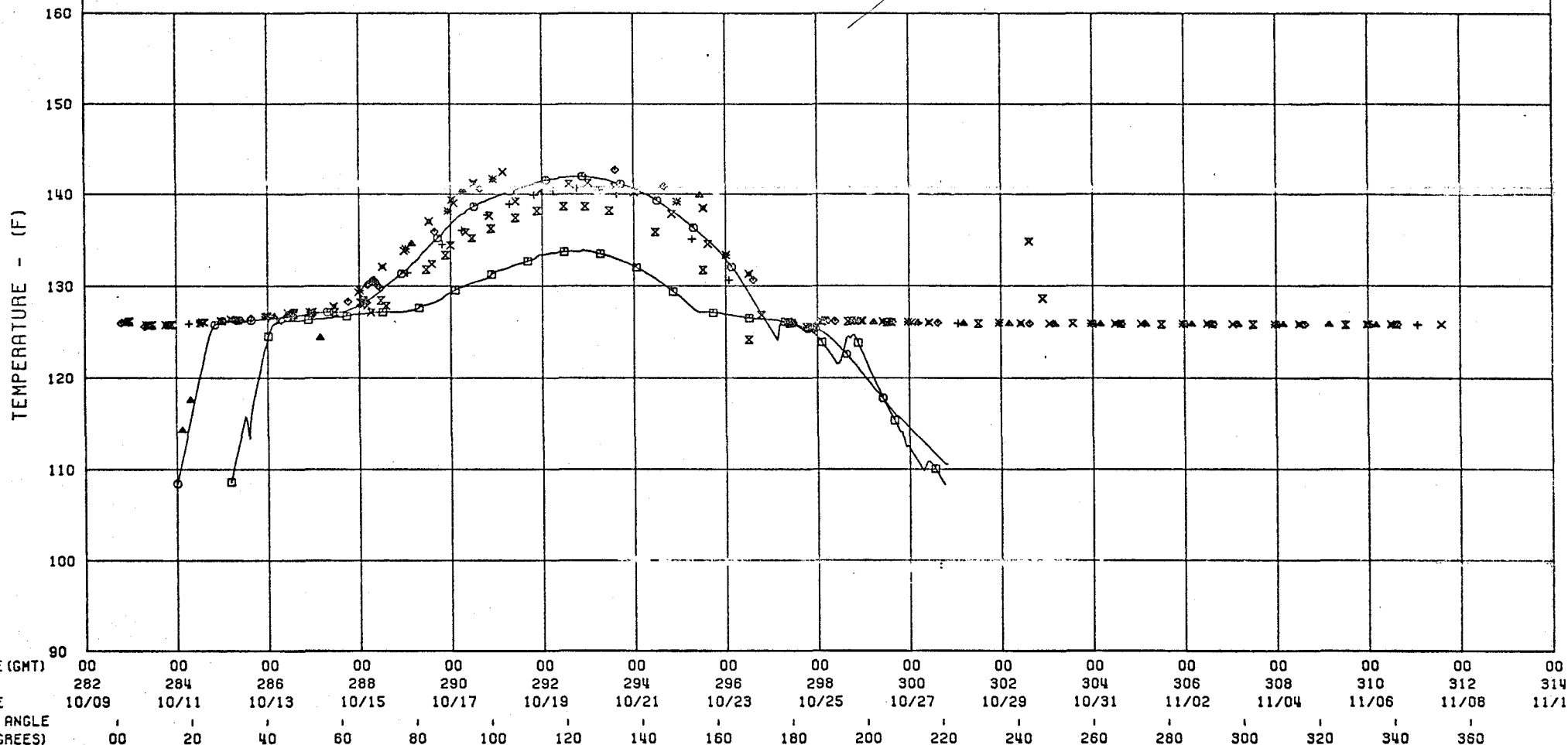
□ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (SECOND LUNATION)

○ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (TWELFTH LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

|                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FIRST LUNATION)<br>▲ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (THIRD LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FIFTH LUNATION)<br>* DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SEVENTH LUNATION)<br>+ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (NINTH LUNATION) | ○ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SECOND LUNATION)<br>◇ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FOURTH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SIXTH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (EIGHTH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (TENTH LUNATION) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

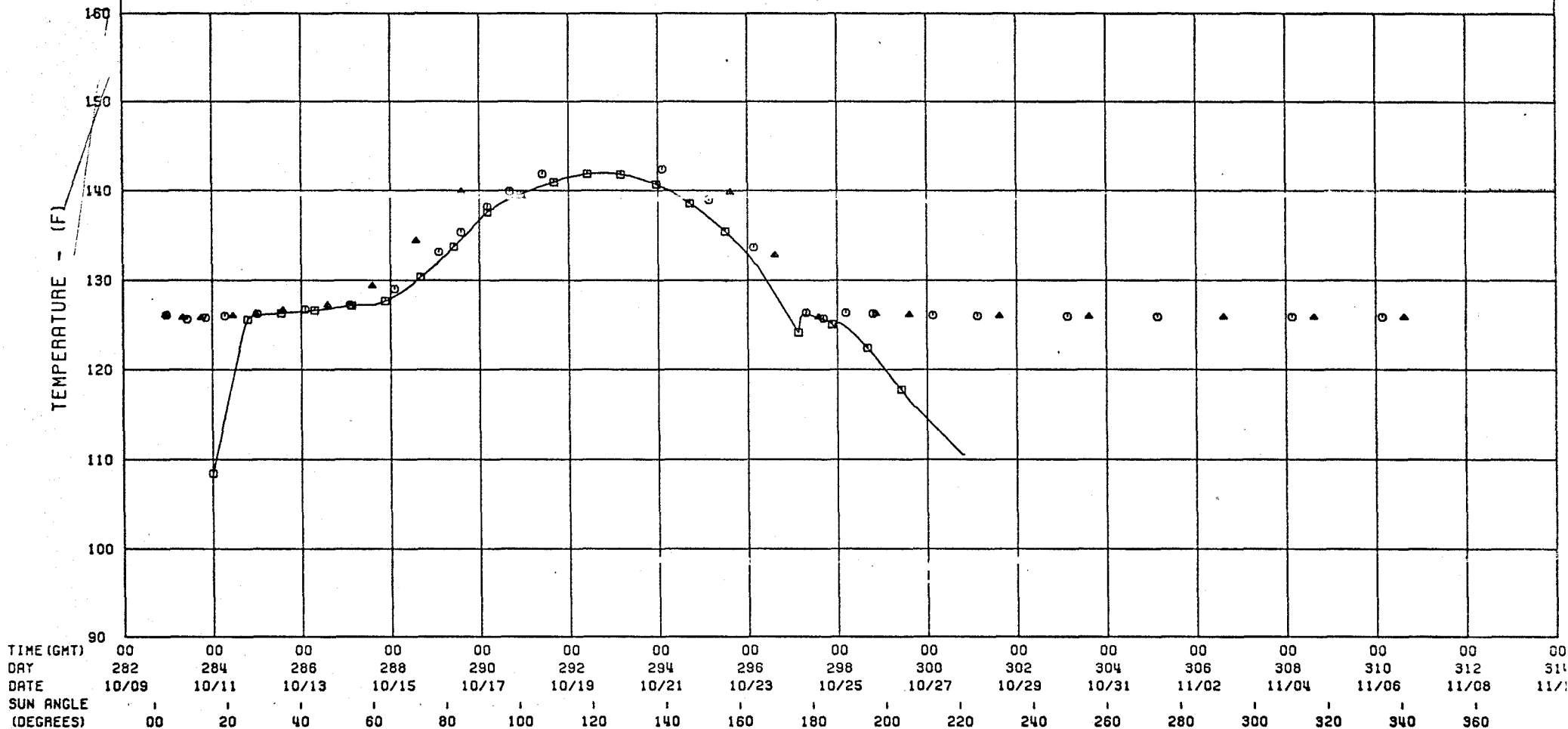


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION

SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

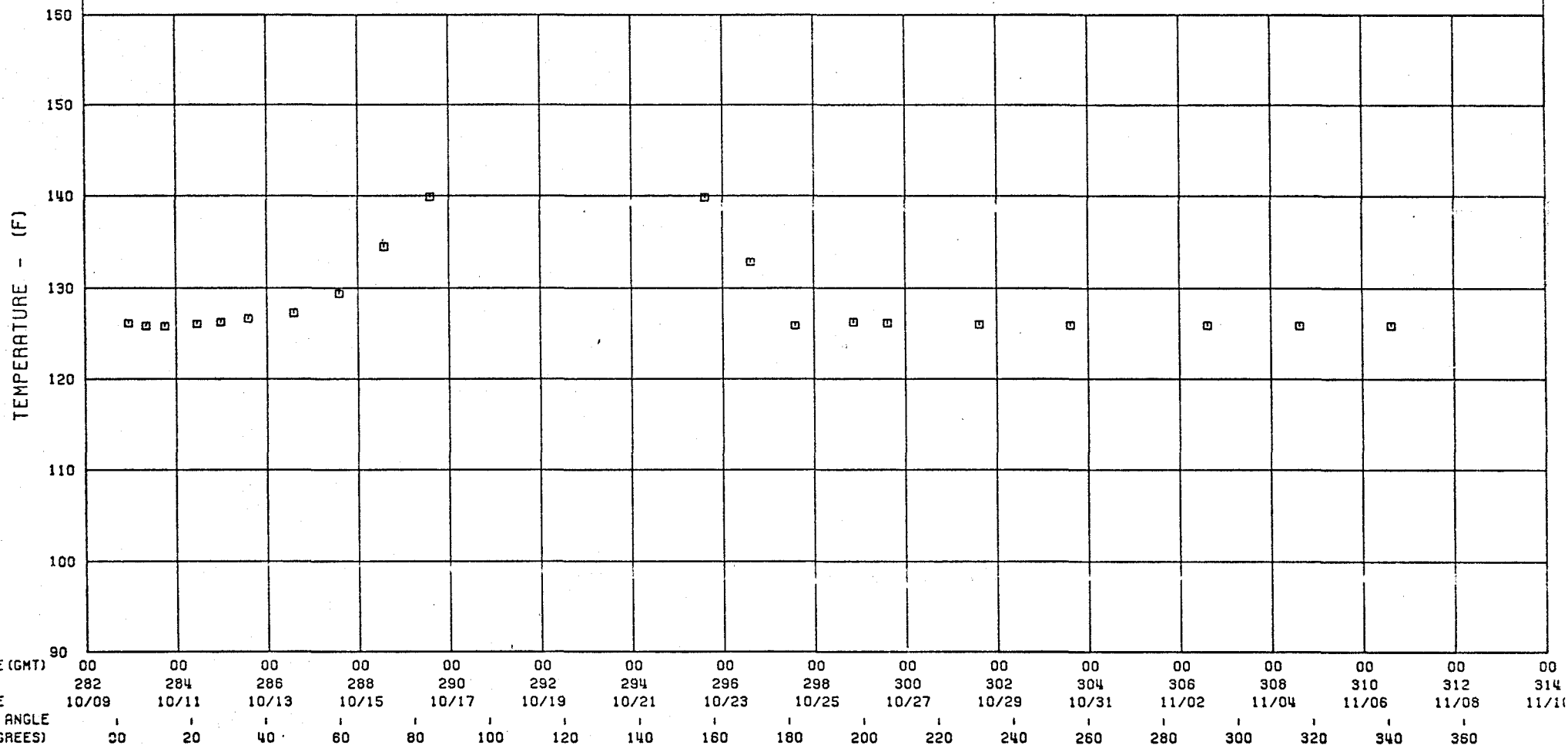
SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

□ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SECOND LUNATION)      ○ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (ELEVENTH LUNATION)  
 ▲ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (TWELFTH LUNATION)

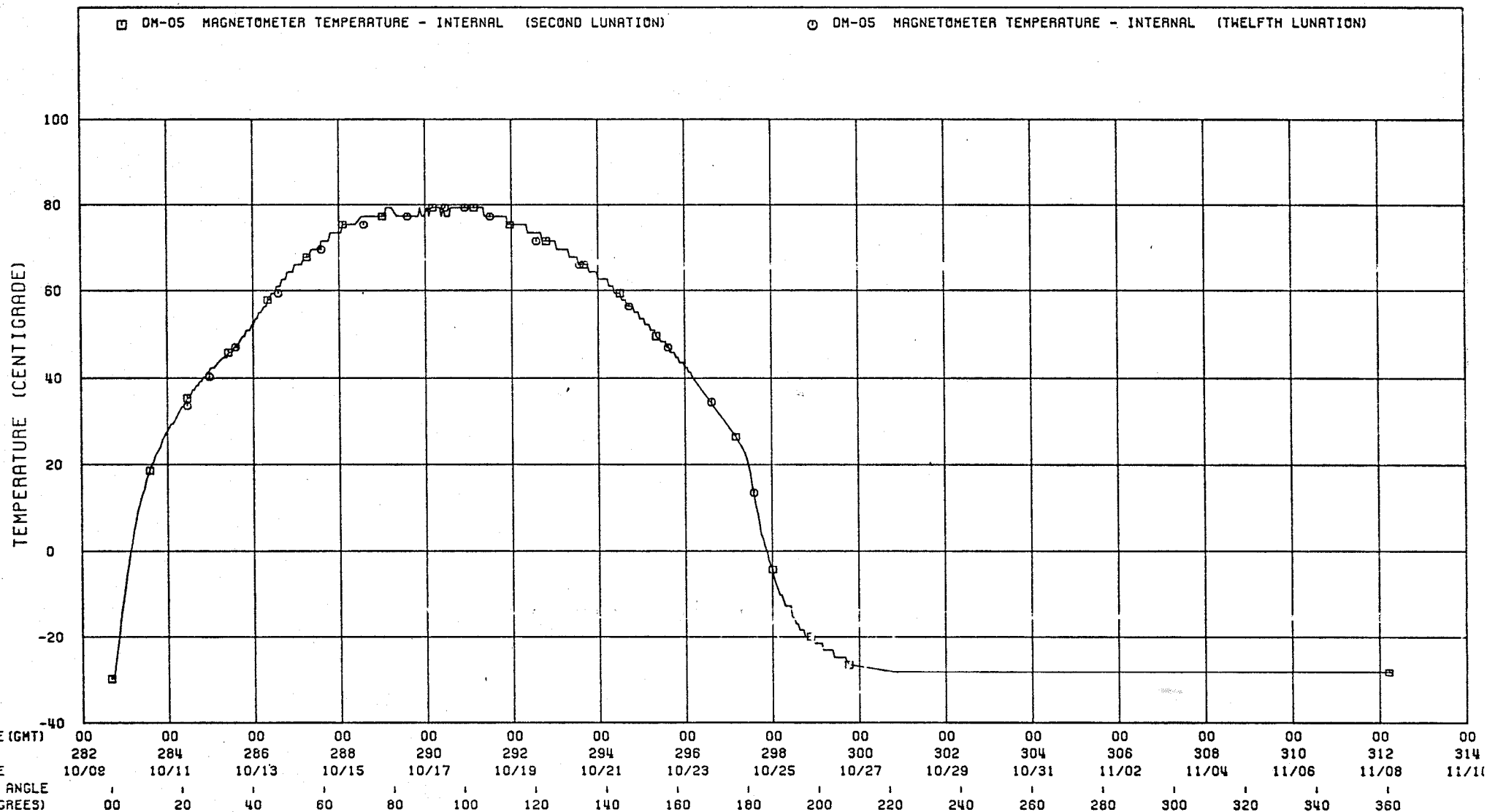


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP.  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

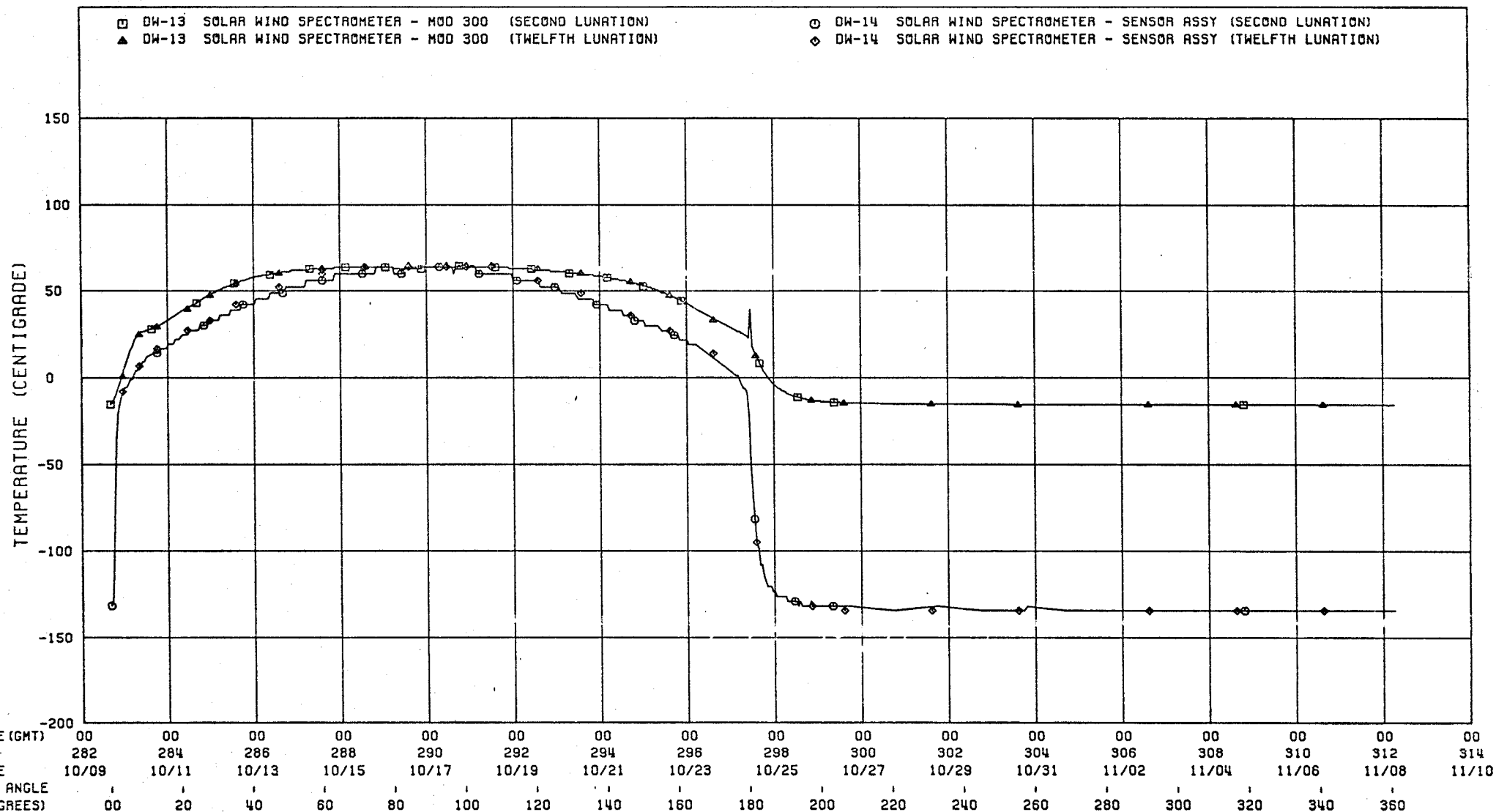
DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (TWELFTH LUNATION)



RENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

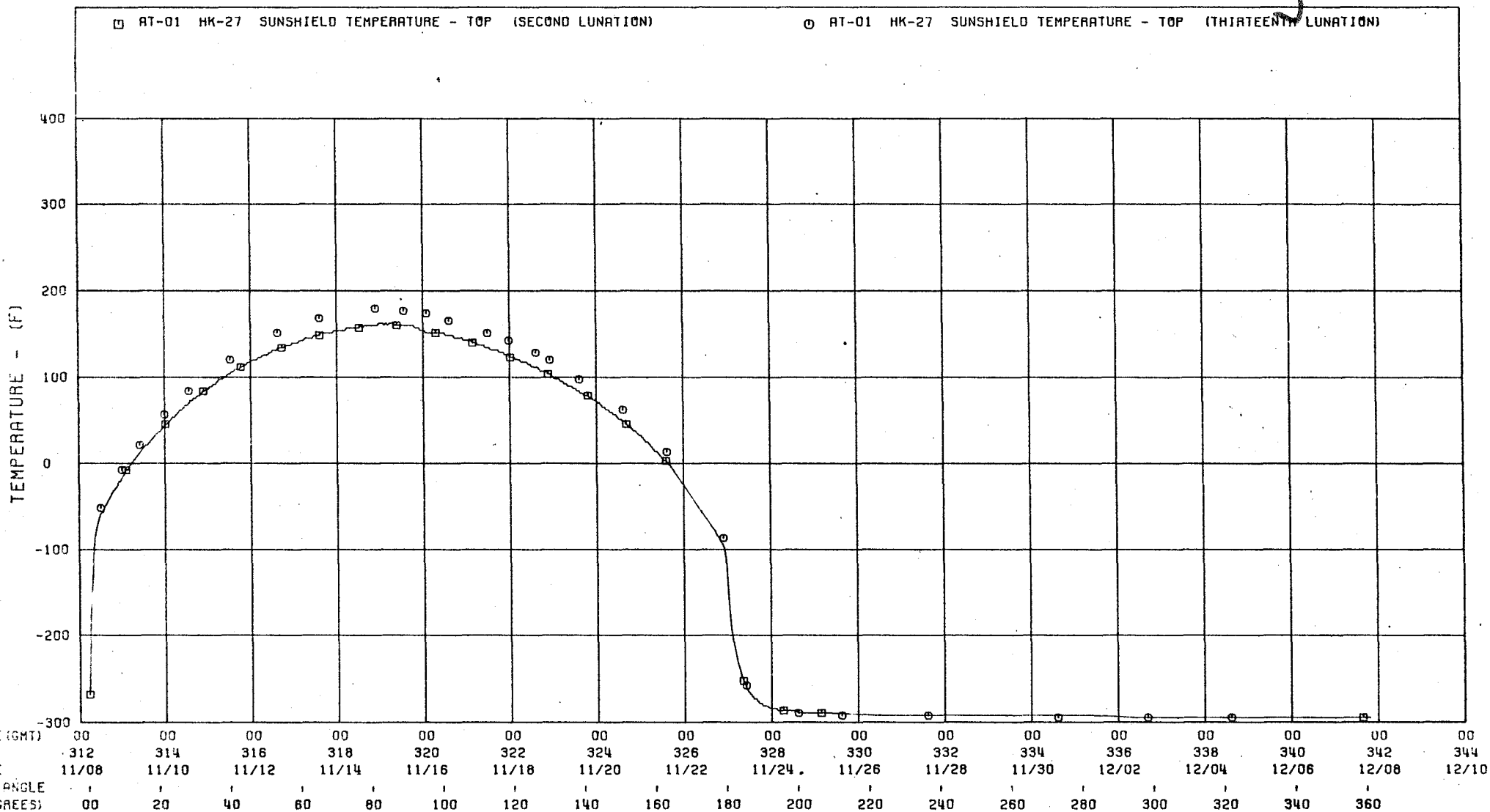


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 12 TH ALSEP LUNATION  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT



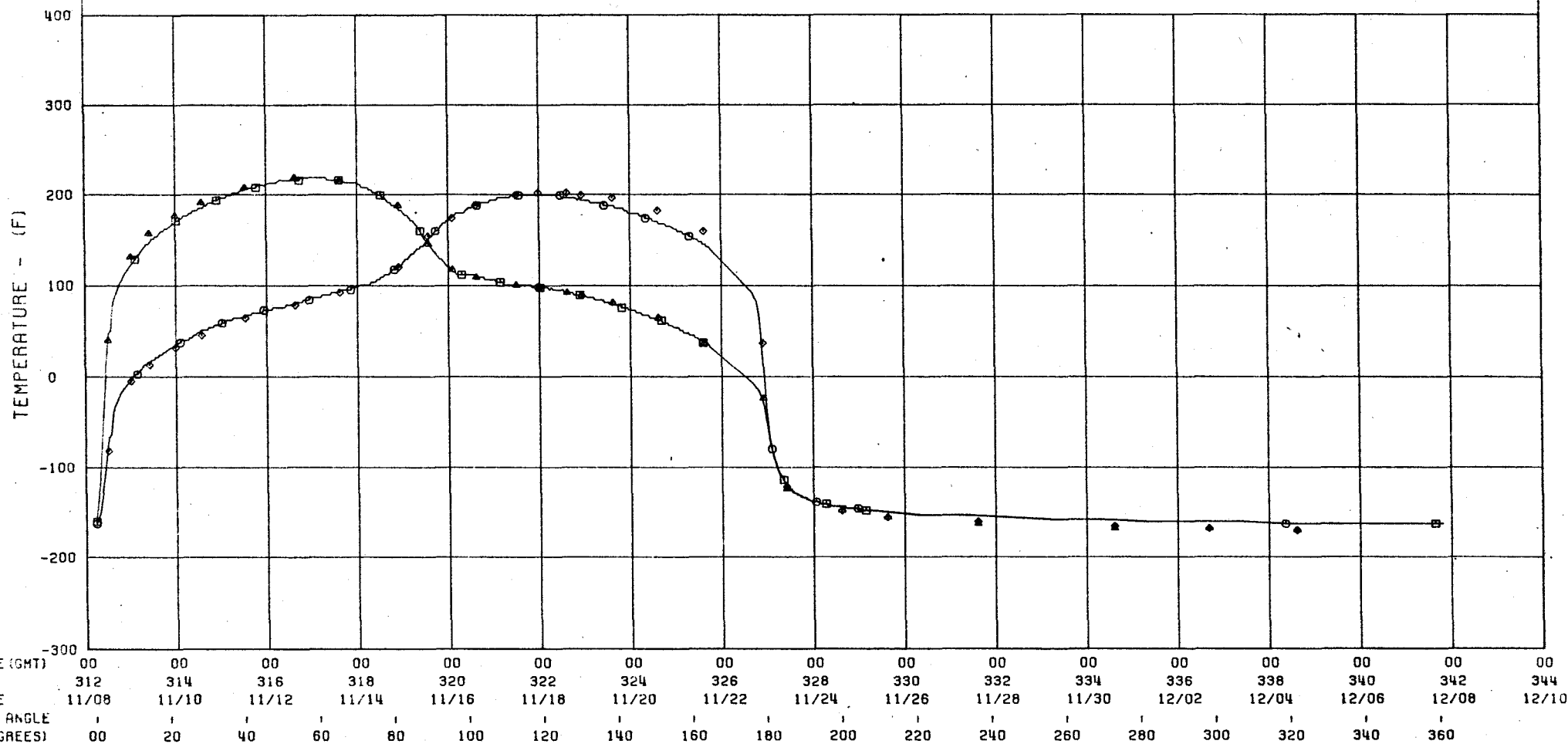
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

*R. Miley*



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE LIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

□ AT-08 HK-59 PRIMARY STRUCTURE - EAST SIDE (SECOND LUNATION)      ○ AT-09 HK-87 PRIMARY STRUCTURE - WEST SIDE (SECOND LUNATION)  
 ▲ AT-08 HK-59 PRIMARY STRUCTURE - EAST SIDE (THIRTEENTH LUNATION)      ◇ AT-09 HK-87 PRIMARY STRUCTURE - WEST SIDE (THIRTEENTH LUNATION)



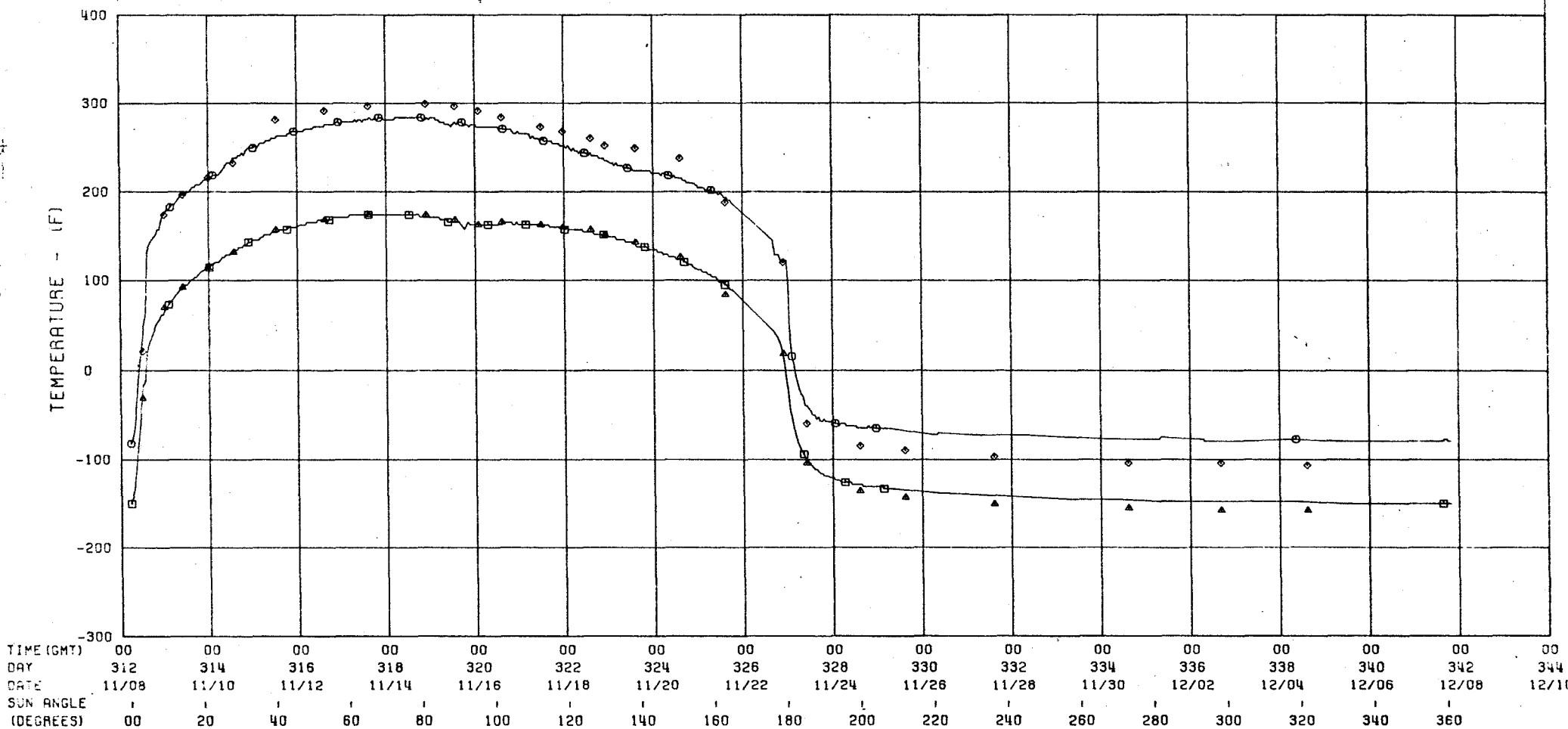
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (LIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION

SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

□ AT-10 HK-15 PRIMARY STRUCTURE - BOTTOM (SECOND LUNATION)  
 ▲ AT-10 HK-15 PRIMARY STRUCTURE - BOTTOM (THIRTEENTH LUNATION)

○ AT-11 HK-88 PDM RESISTOR PANEL (SECOND LUNATION)  
 ◇ AT-11 HK-88 PDM RESISTOR PANEL (THIRTEENTH LUNATION)



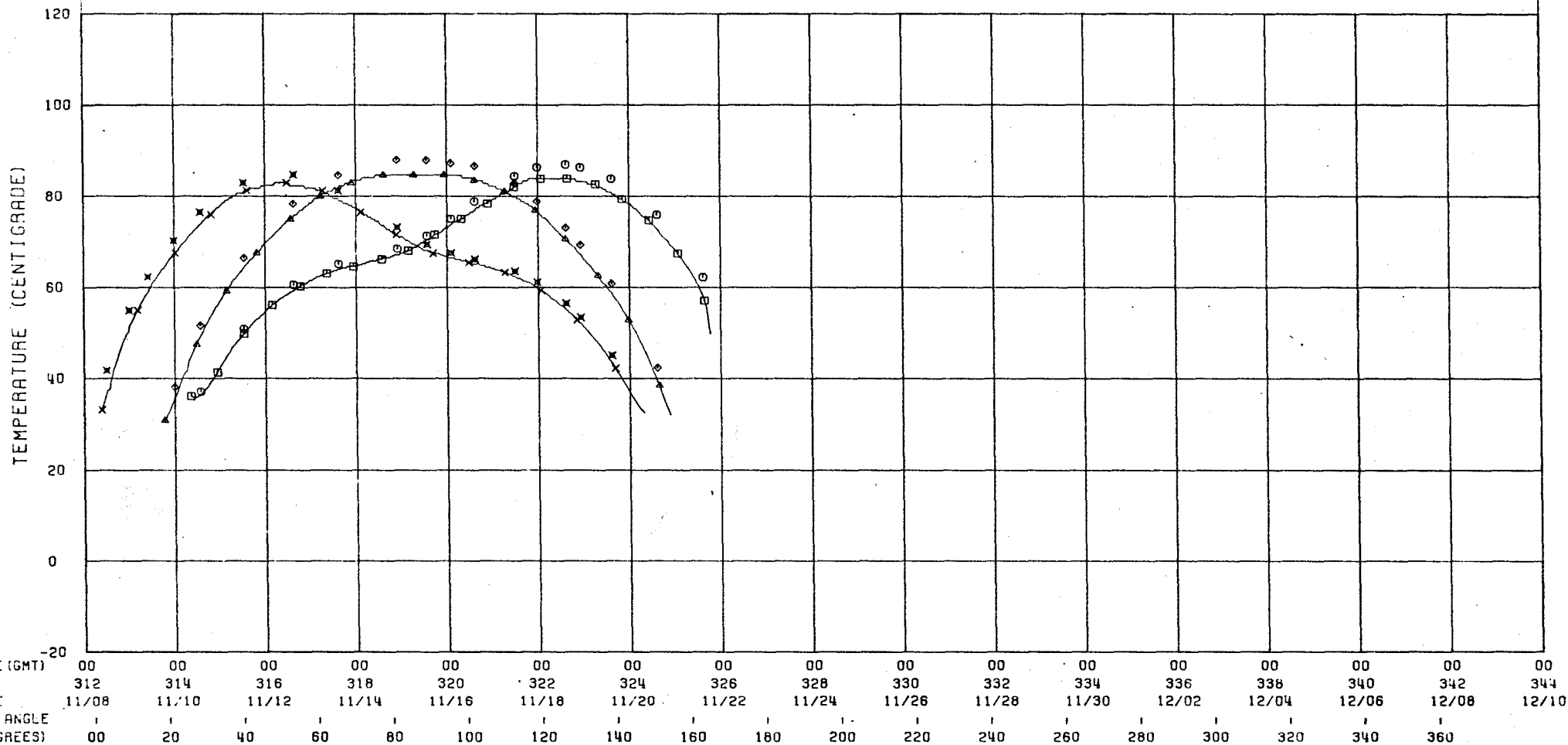
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE LIGHT 1 - APOLLO 13 - 13 TH ALSEP LUNATION

SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT

SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

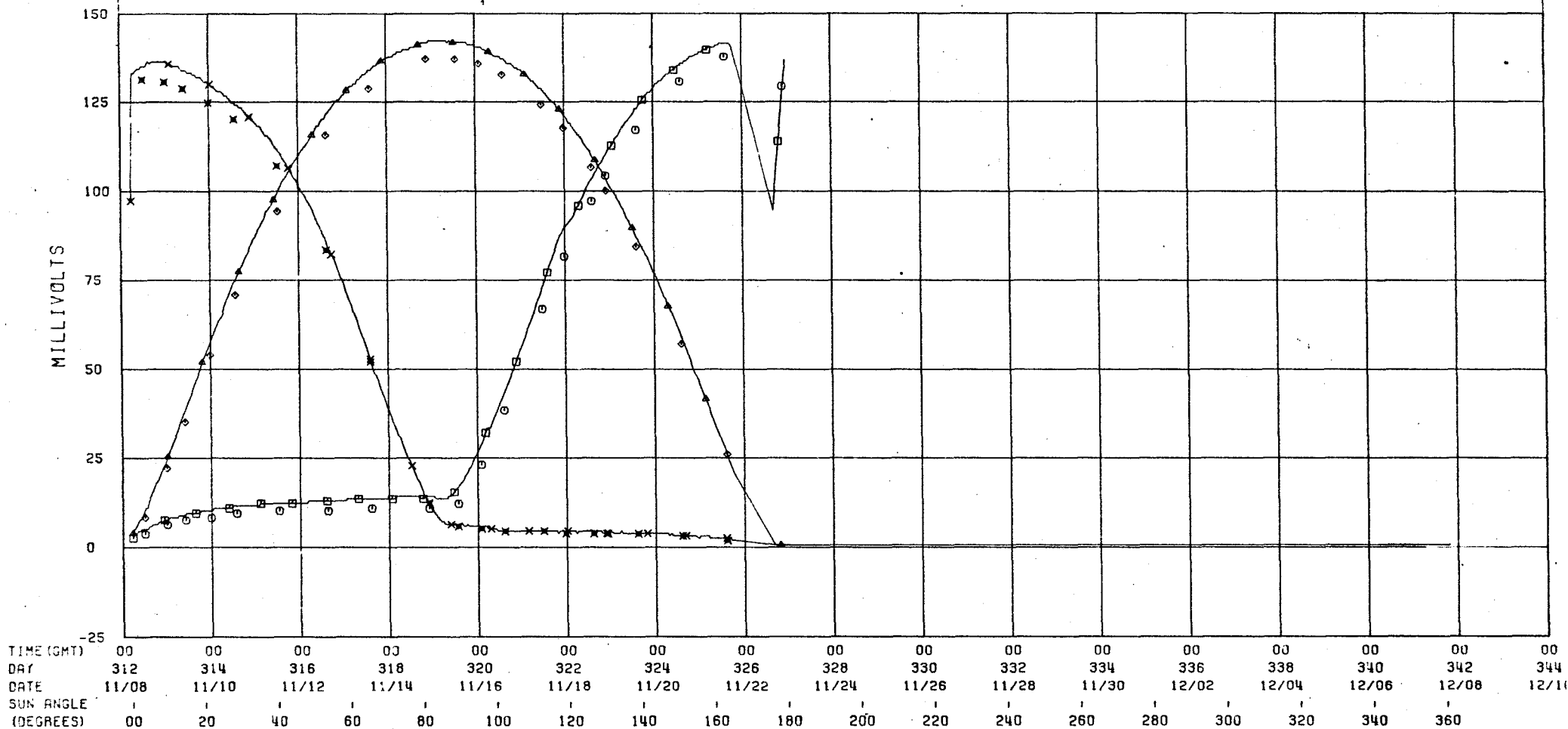
□ AX-01 WEST DUST CELL TEMP. (SECOND LUNATION)  
 ▲ AX-02 TOP DUST CELL TEMP. (SECOND LUNATION)  
 × AX-03 EAST DUST CELL TEMP. (SECOND LUNATION)

○ AX-01 WEST DUST CELL TEMP. (THIRTEENTH LUNATION)  
 ◇ AX-02 TOP DUST CELL TEMP. (THIRTEENTH LUNATION)  
 × AX-03 EAST DUST CELL TEMP. (THIRTEENTH LUNATION)

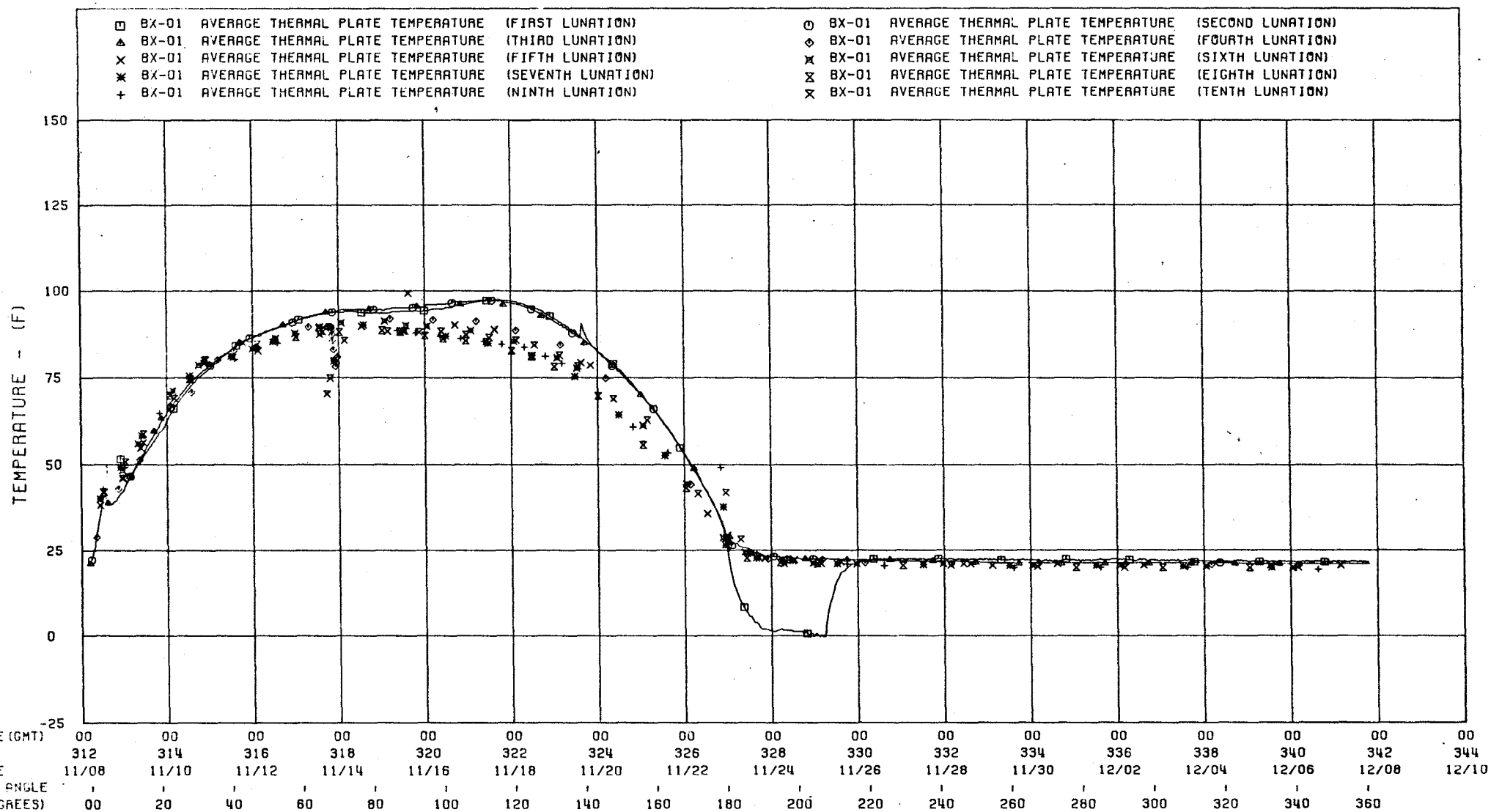


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (LIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

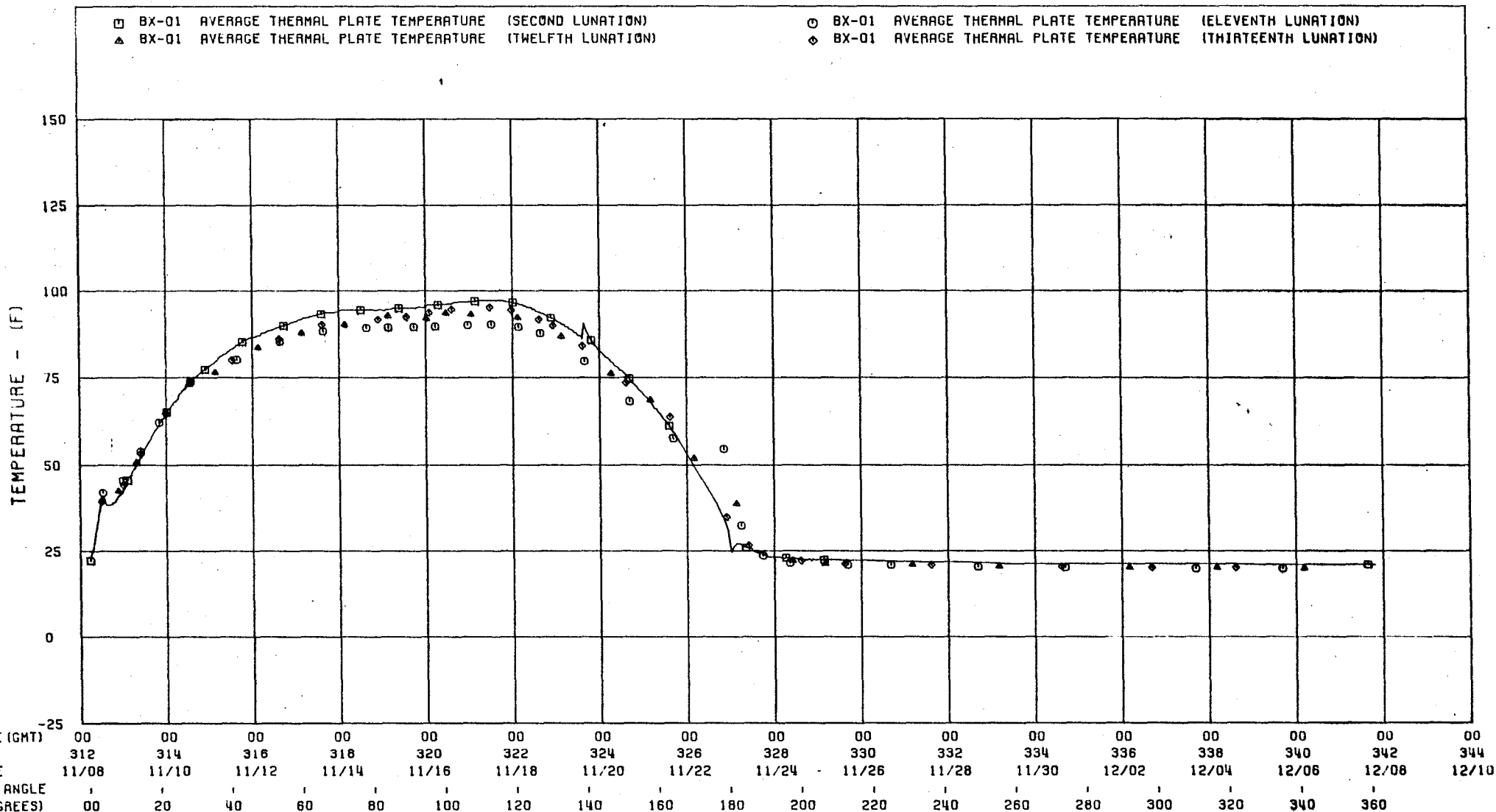
|                                                                                                                                                                                                 |                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>□ AX-04 WEST DUST CELL OUTPUT (SECOND LUNATION)<br/>                 ▲ AX-05 TOP DUST CELL OUTPUT (SECOND LUNATION)<br/>                 × AX-06 EAST DUST CELL OUTPUT (SECOND LUNATION)</p> | <p>○ AX-04 WEST DUST CELL OUTPUT (THIRTEENTH LUNATION)<br/>                 ◇ AX-05 TOP DUST CELL OUTPUT (THIRTEENTH LUNATION)<br/>                 × AX-06 EAST DUST CELL OUTPUT (THIRTEENTH LUNATION)</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



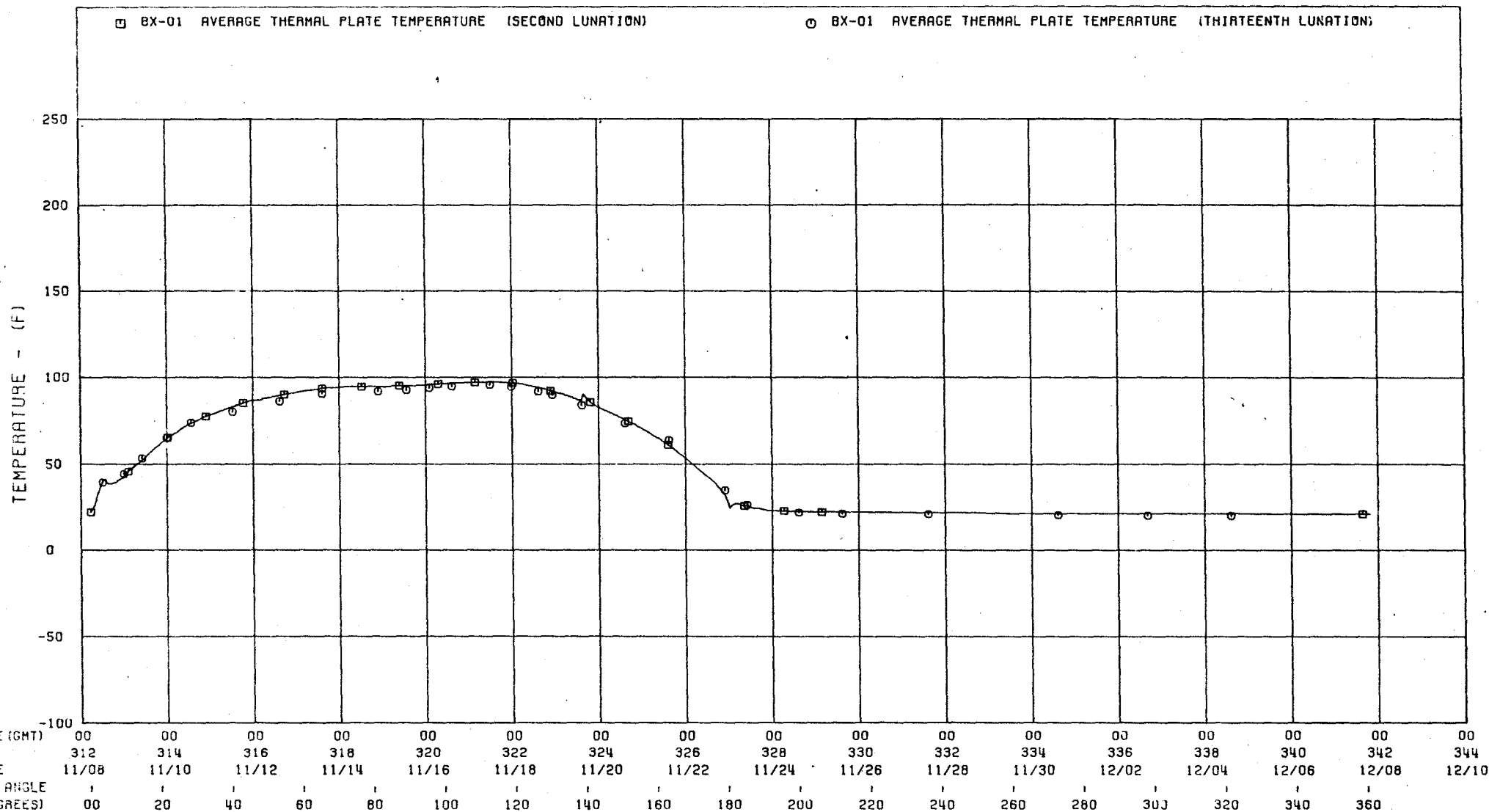
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (LIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

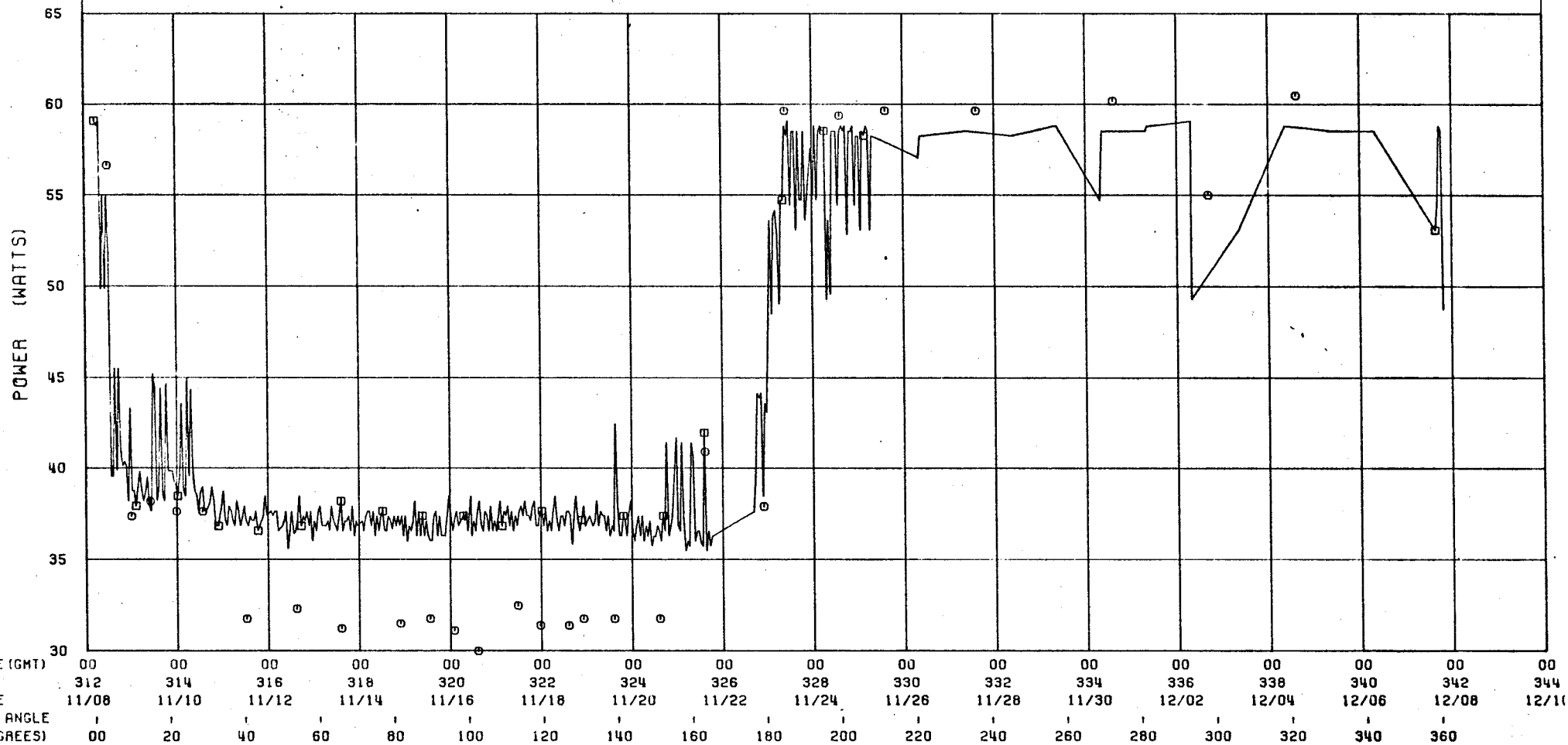


BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

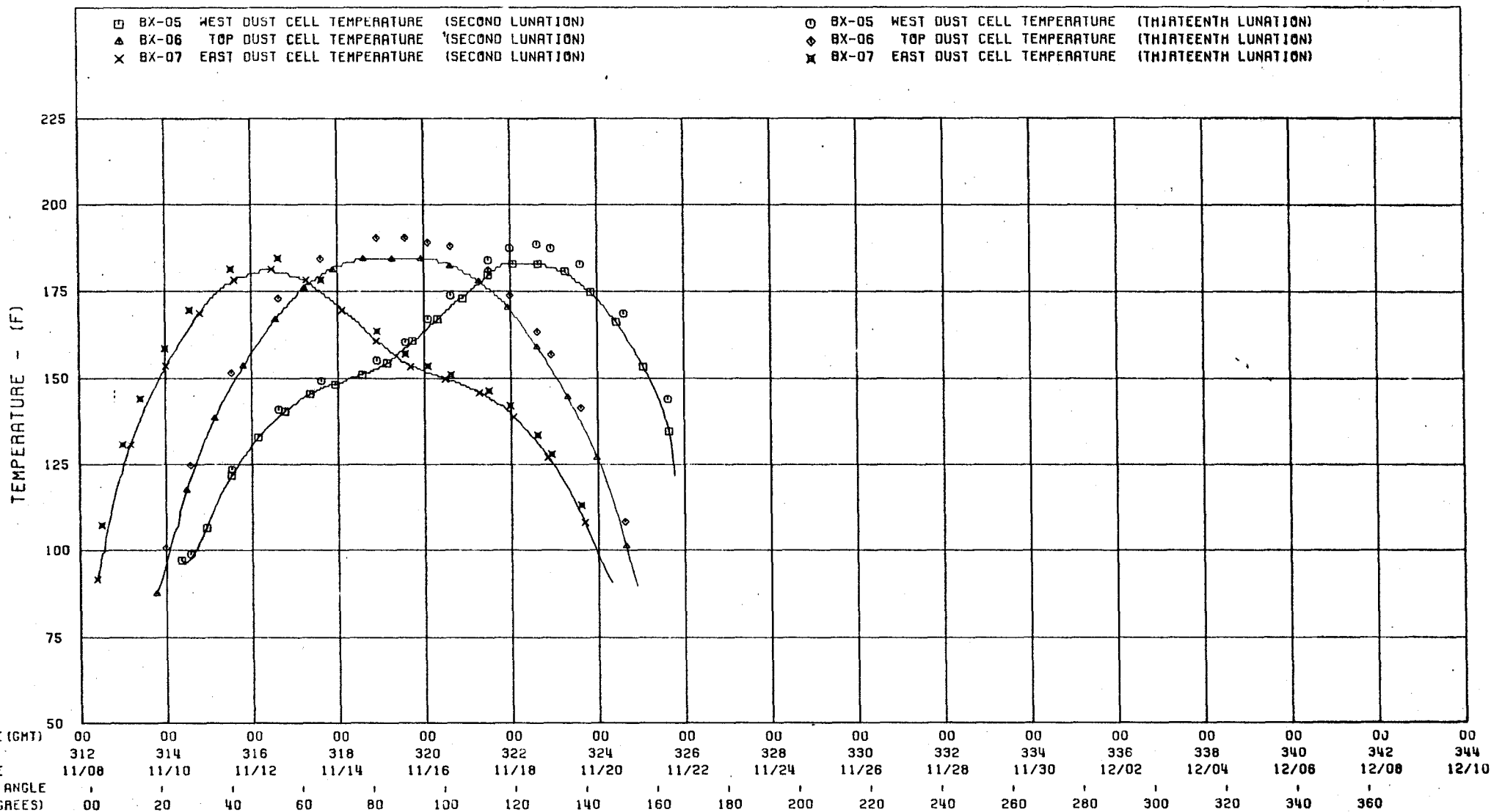


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (LIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

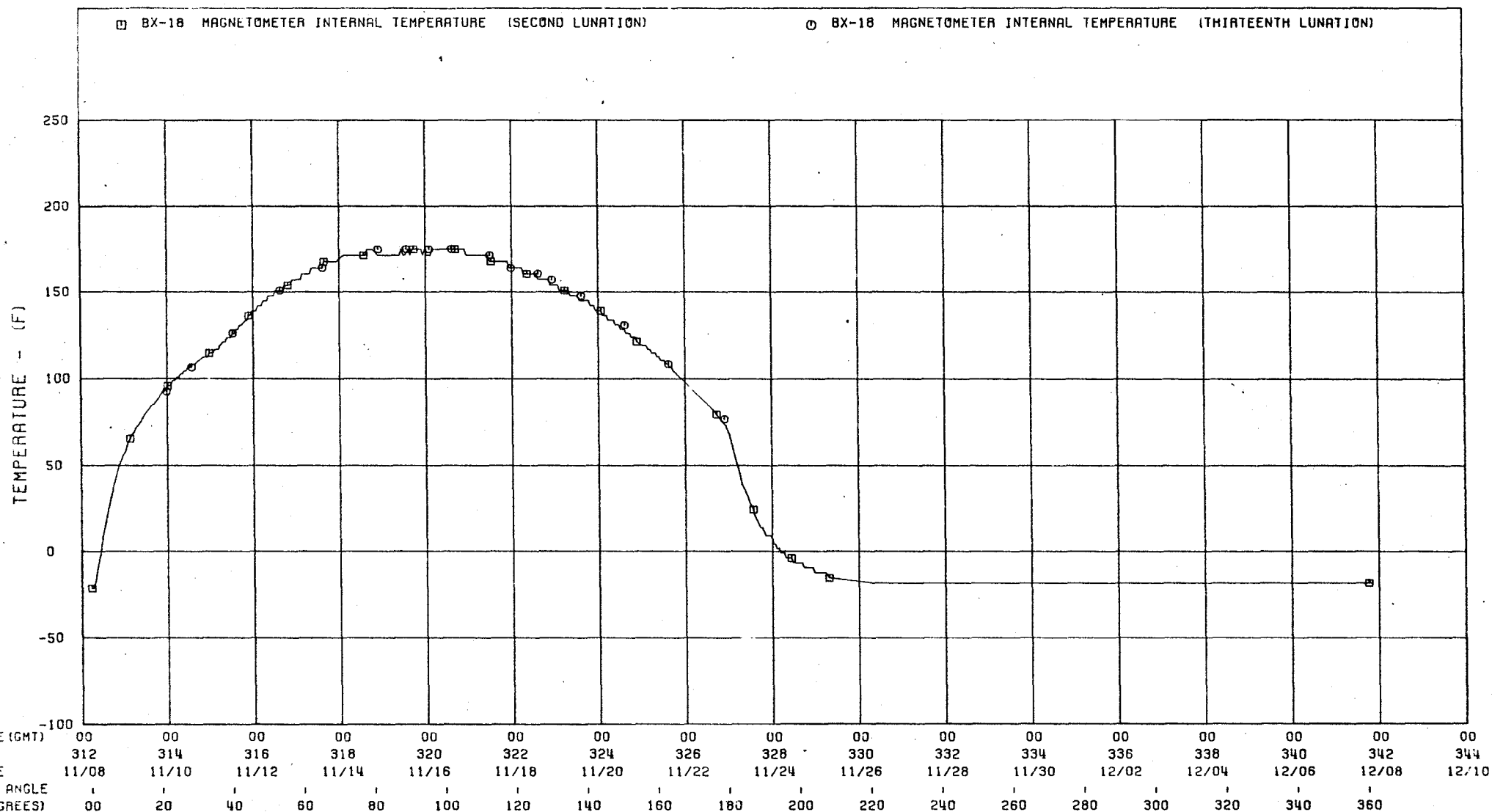
□ BX-03 CENTRAL STATION INPUT - RESERVE POWER (SECOND LUNATION)      ○ BX-03 CENTRAL STATION INPUT - RESERVE POWER (THIRTEENTH LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

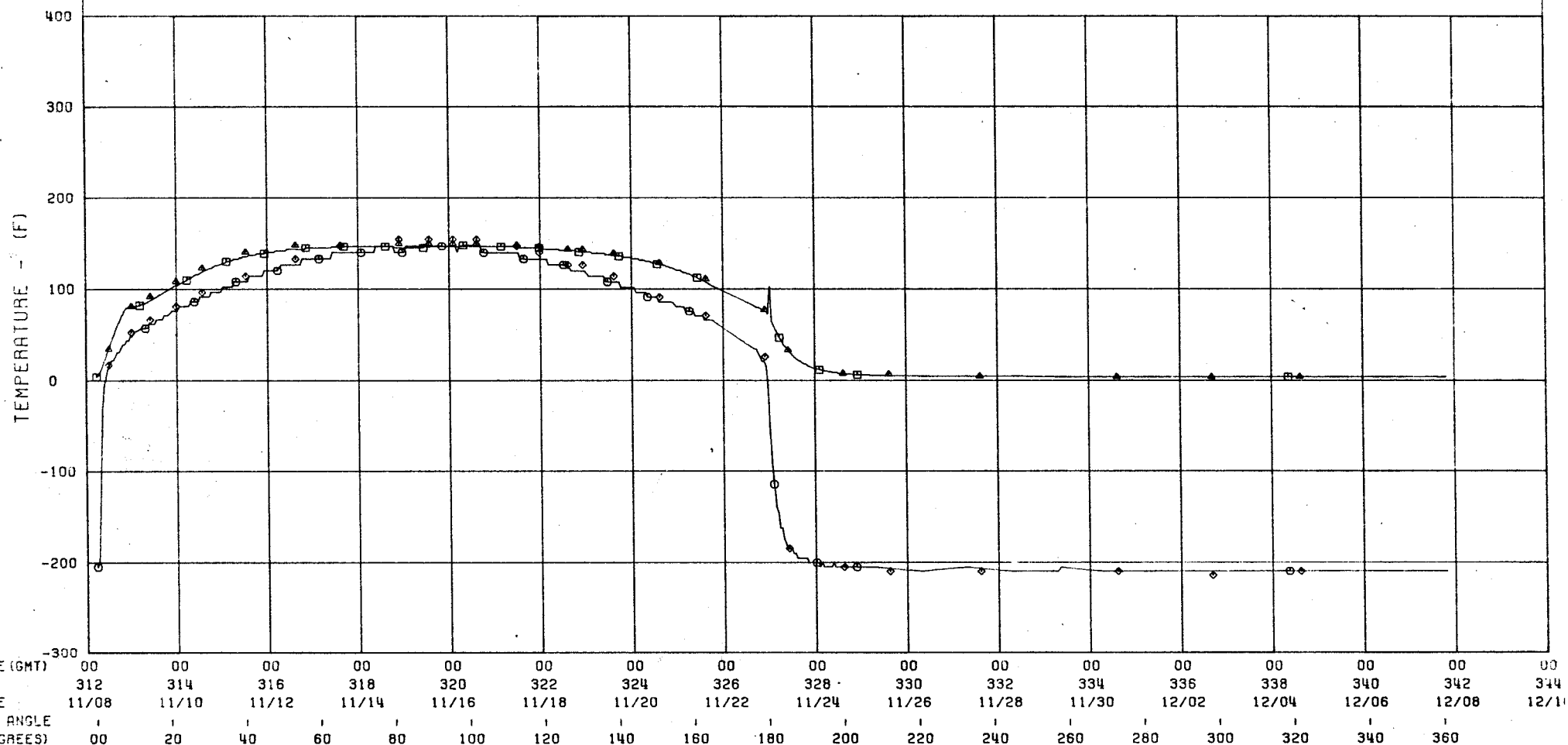


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

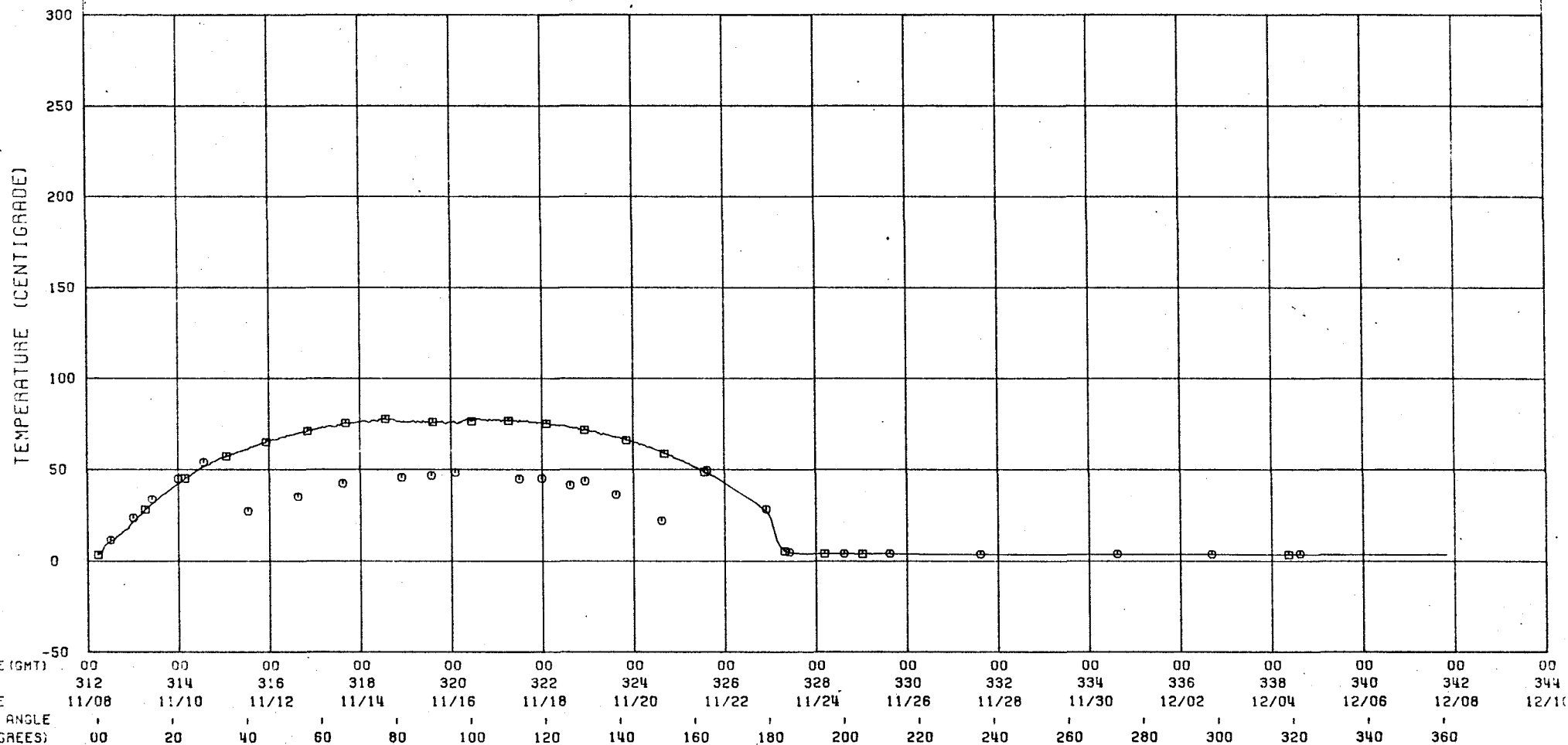
□ BX-21 SOLAR WIND SPECTROMETER (MOD 300) (SECOND LUNATION)      ○ BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (SECOND LUNATION)  
 ▲ BX-21 SOLAR WIND SPECTROMETER (MOD 300) (THIRTEENTH LUNATION)      ◇ BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (THIRTEENTH LUNATION)



BENDIX AEROSPACE SYSTEM. VISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

□ BX-23 AVERAGE SIDE TEMPERATURE (SECOND LUNATION)

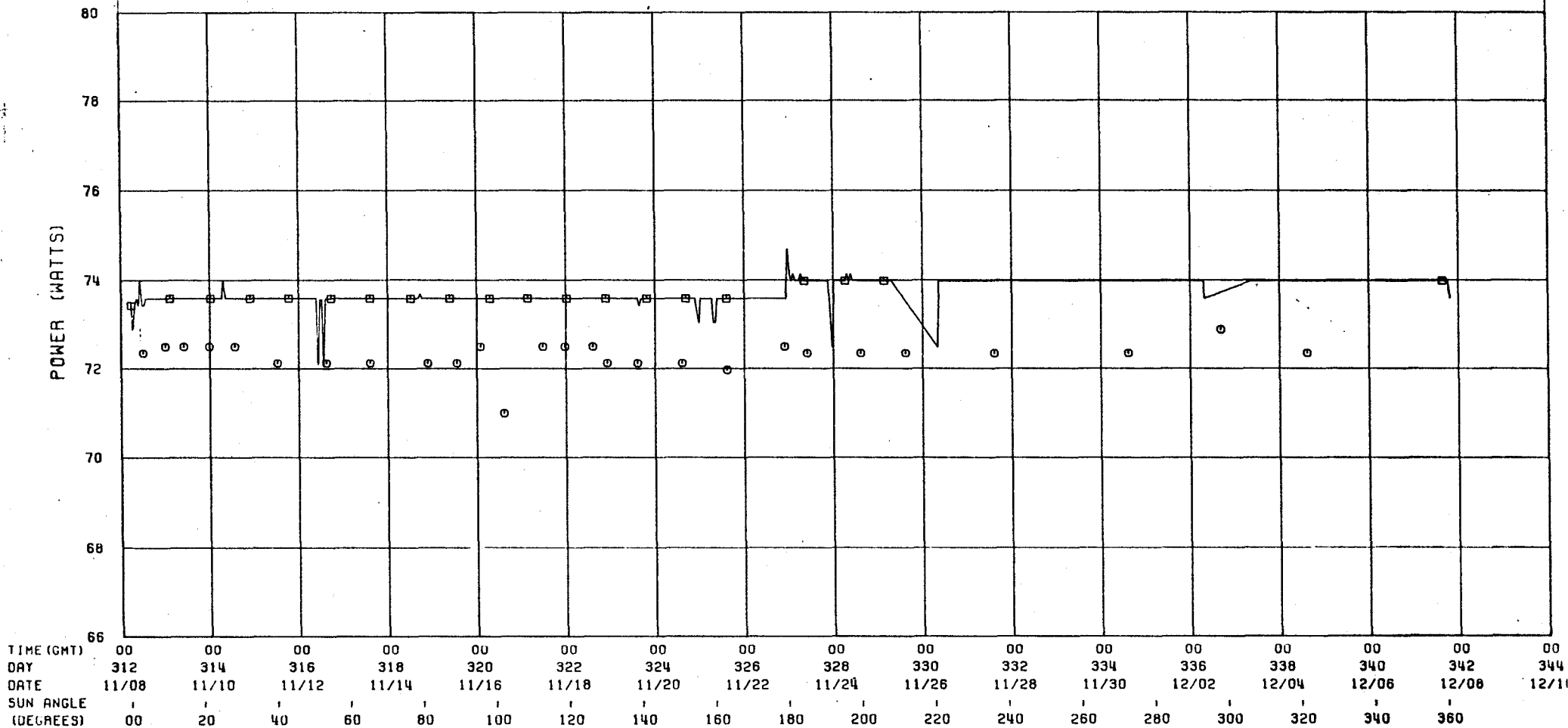
○ BX-23 AVERAGE SIDE TEMPERATURE (THIRTEENTH LUNATION)



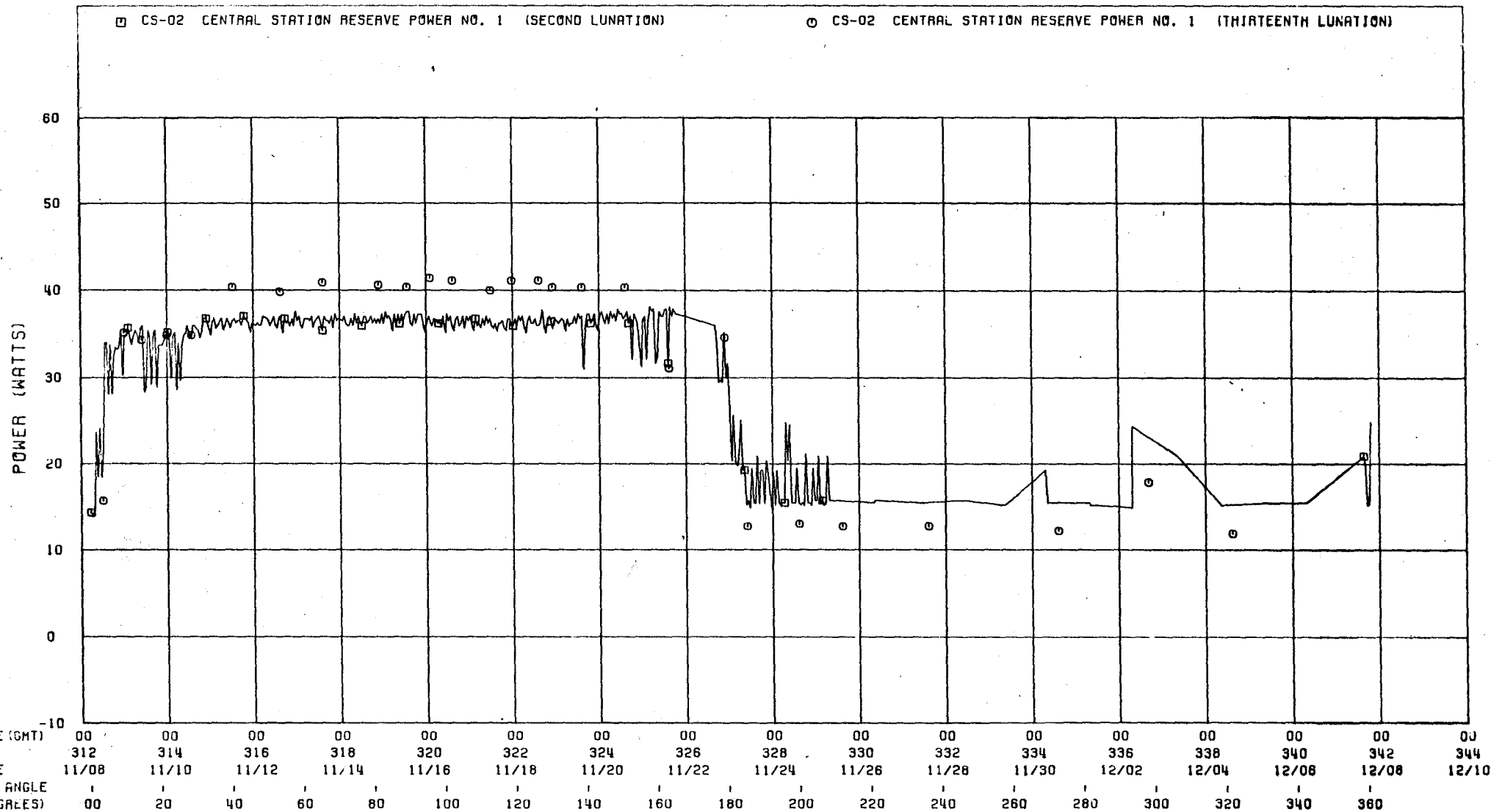
BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

□ CS-01 RTG POWER OUTPUT (WATTS) (SECOND LUNATION)

○ CS-01 RTG POWER OUTPUT (WATTS) (THIRTEENTH LUNATION)

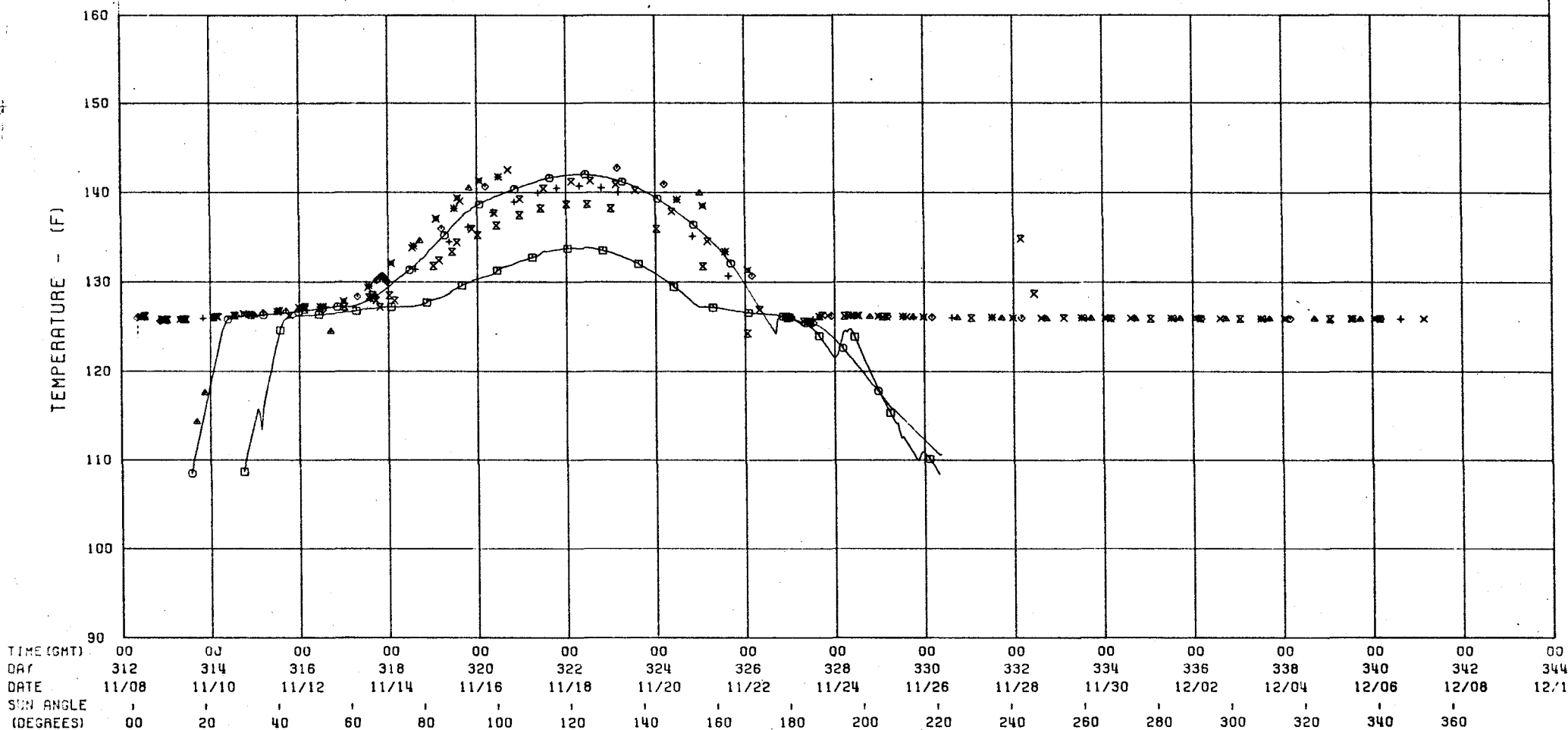


BENDIX AEROSPACE SYSTEM DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

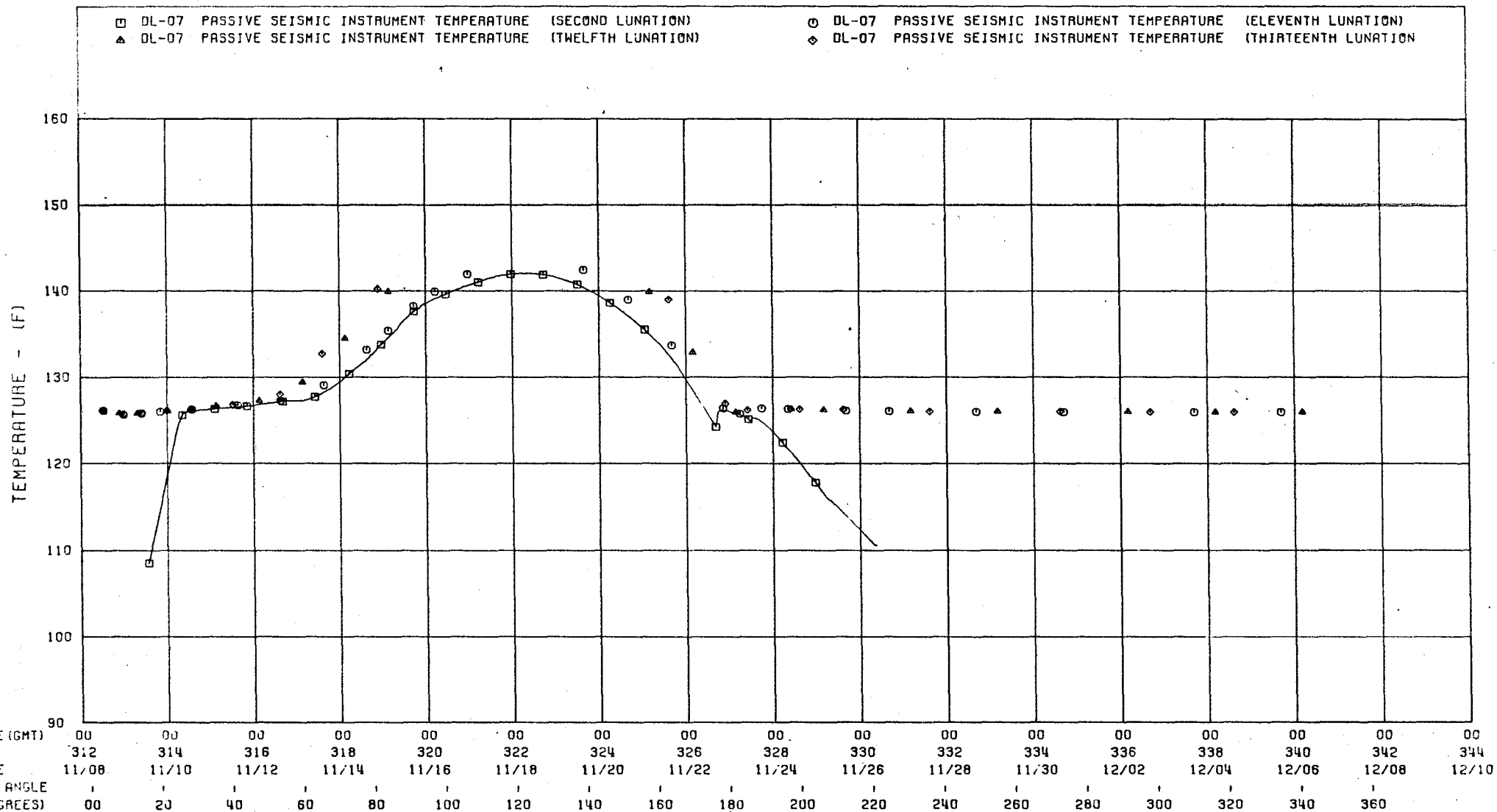


BENDIX AEROSPACE SYSTEM VISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

- |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>□ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FIRST LUNATION)</li> <li>△ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (THIRD LUNATION)</li> <li>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FIFTH LUNATION)</li> <li>* DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SEVENTH LUNATION)</li> <li>+ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (NINTH LUNATION)</li> </ul> | <ul style="list-style-type: none"> <li>○ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SECOND LUNATION)</li> <li>◇ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FOURTH LUNATION)</li> <li>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SIXTH LUNATION)</li> <li>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (EIGHTH LUNATION)</li> <li>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (TENTH LUNATION)</li> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

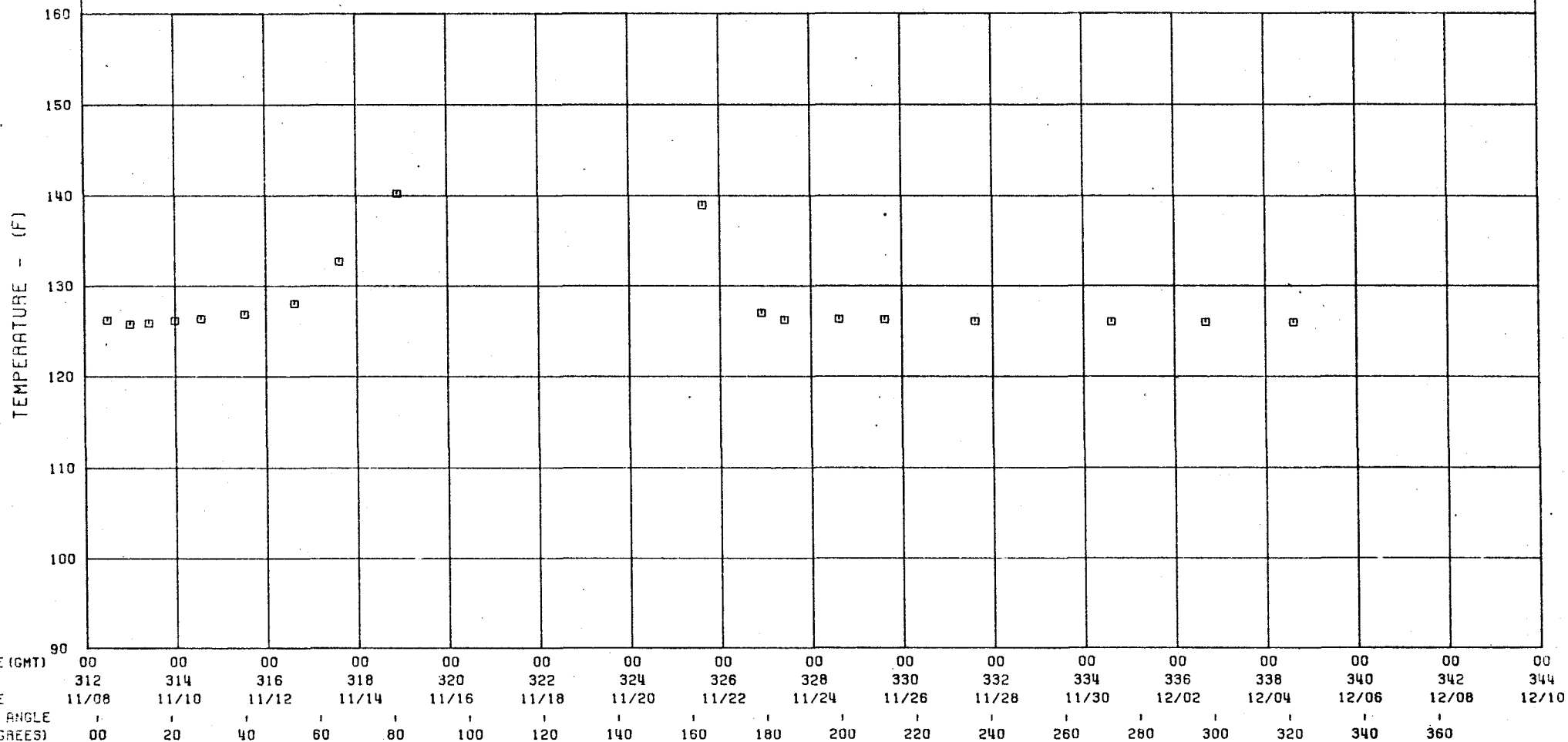


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT



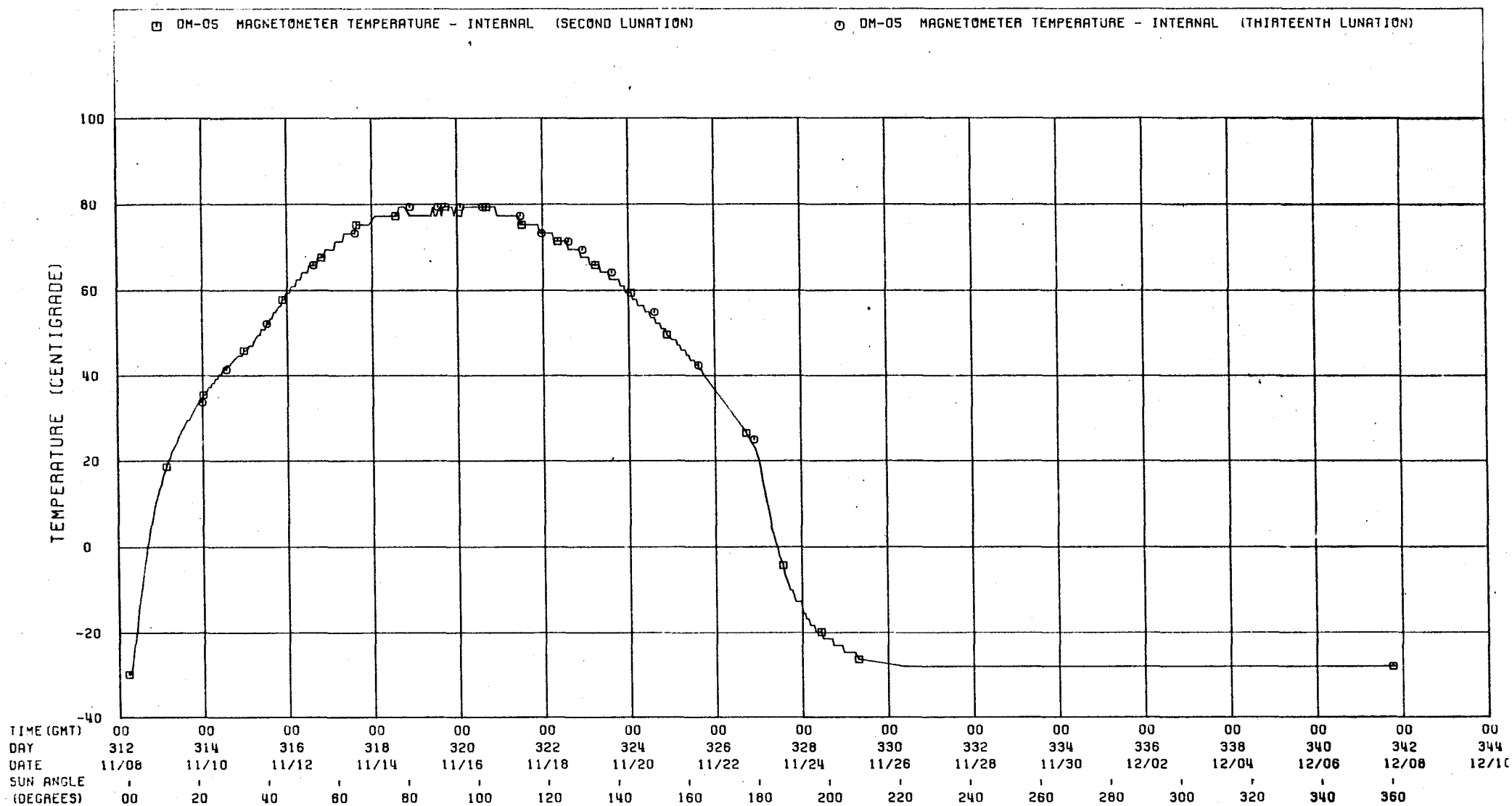
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (THIRTEENTH LUNATION)

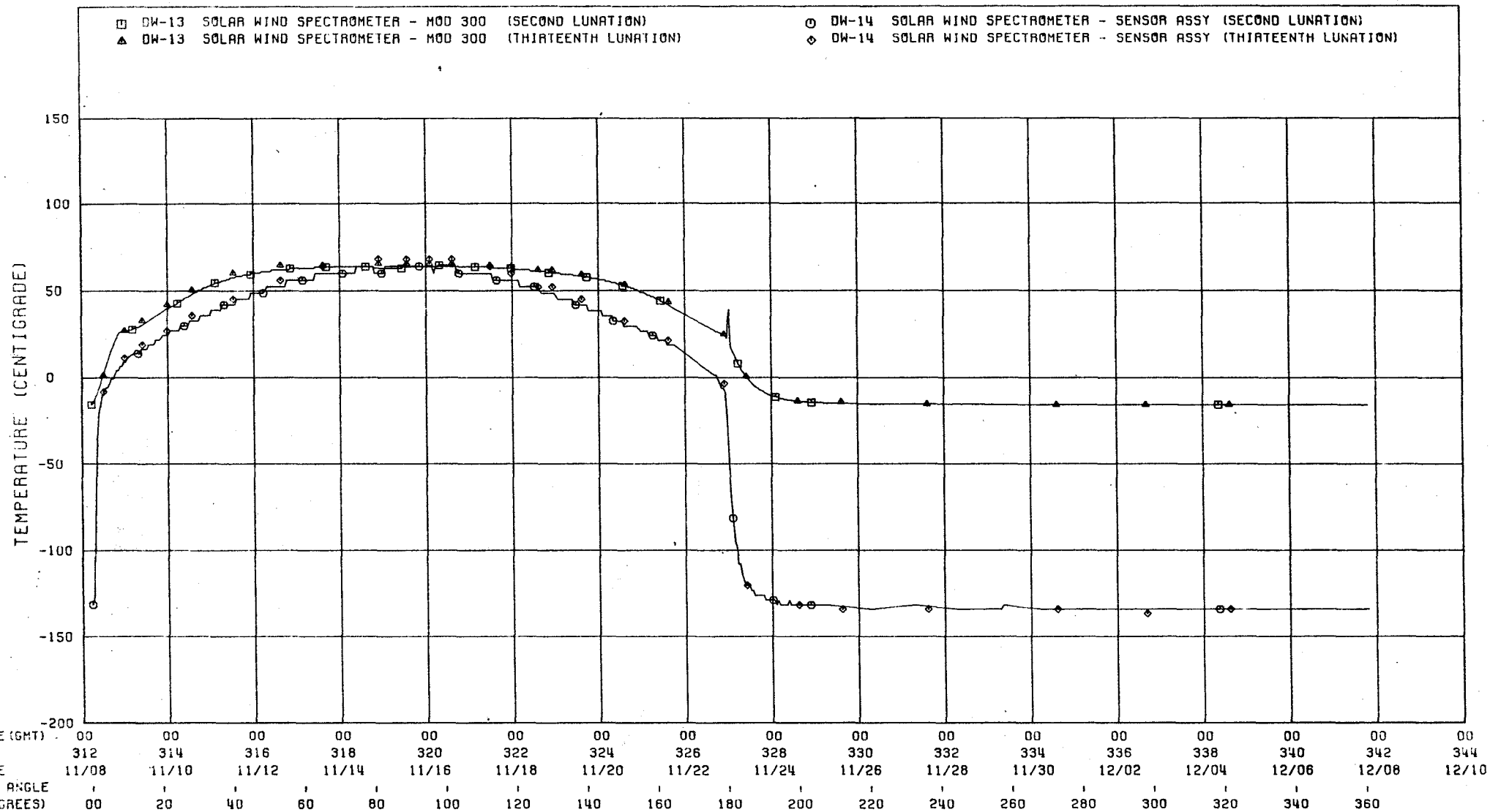


| TIME (GMT)          | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    | 00    |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| DAY                 | 312   | 314   | 316   | 318   | 320   | 322   | 324   | 326   | 328   | 330   | 332   | 334   | 336   | 338   | 340   | 342   | 344   |
| DATE                | 11/08 | 11/10 | 11/12 | 11/14 | 11/16 | 11/18 | 11/20 | 11/22 | 11/24 | 11/26 | 11/28 | 11/30 | 12/02 | 12/04 | 12/06 | 12/08 | 12/10 |
| SUN ANGLE (DEGREES) | 00    | 20    | 40    | 60    | 80    | 100   | 120   | 140   | 160   | 180   | 200   | 220   | 240   | 260   | 280   | 300   | 320   |

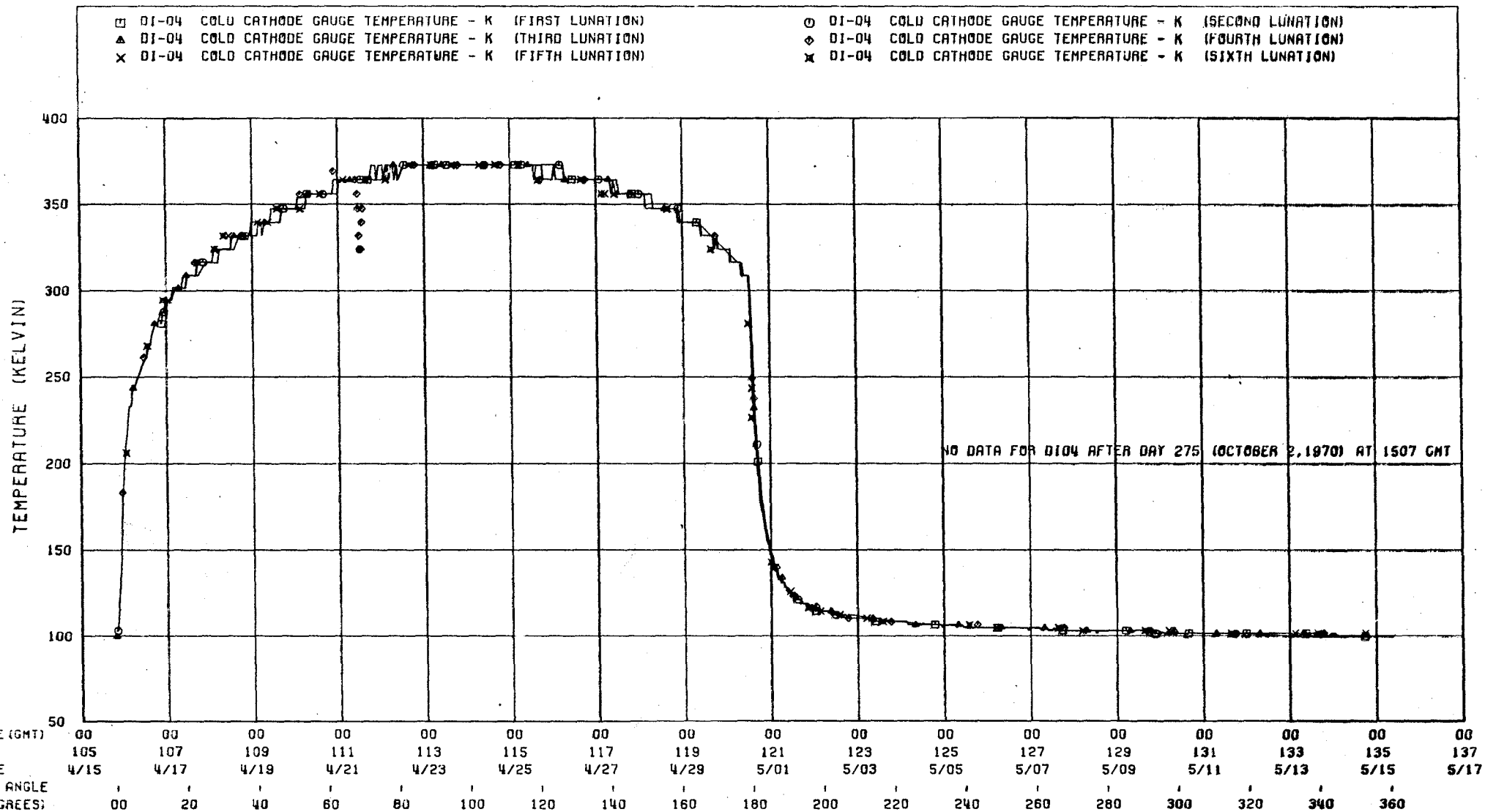
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 13 TH ALSEP LUNATION  
 SUNRISE DAY 312 (NOVEMBER 8, 1970) AT 0443 GMT  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

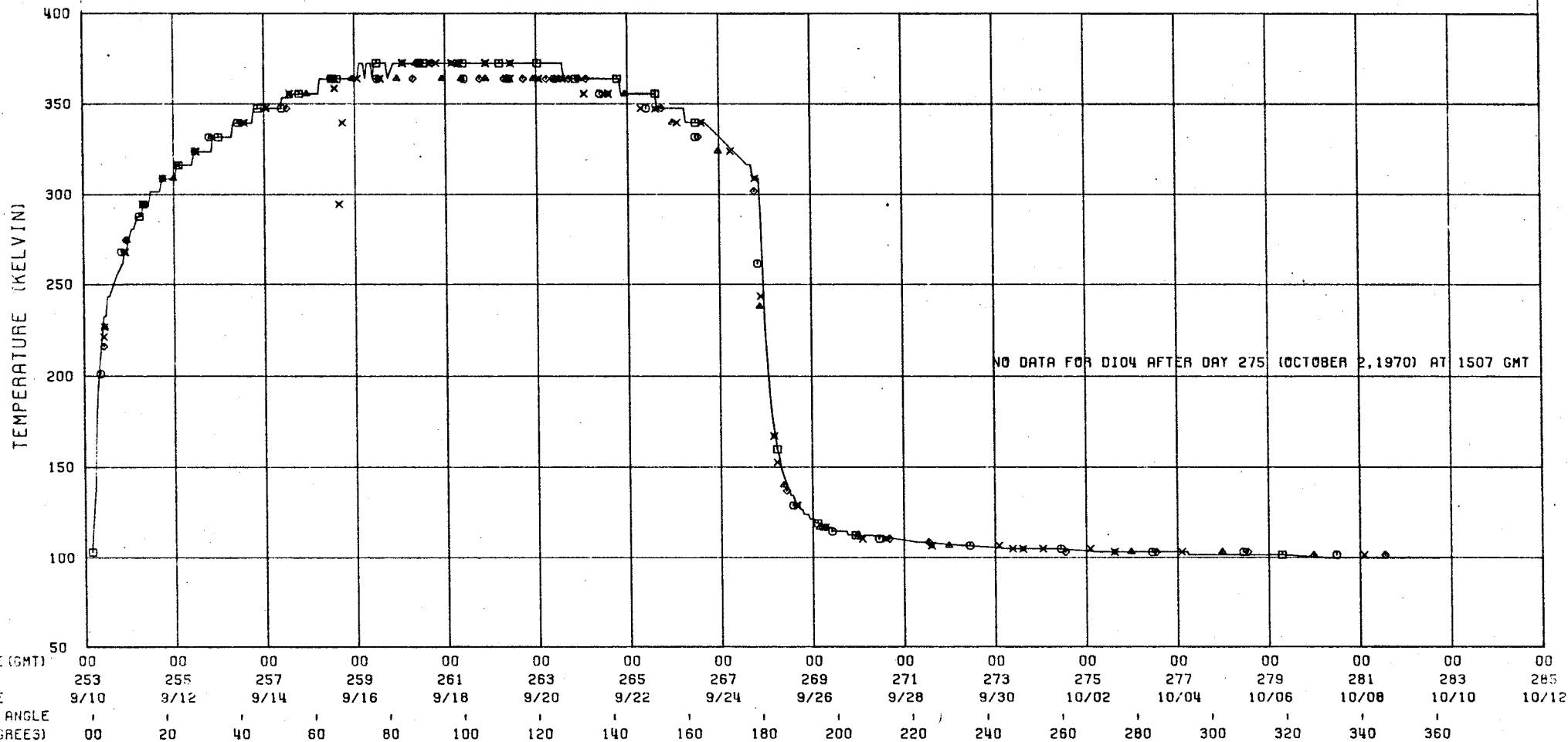


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - SIXTH ALSEP LUNATION  
 SUNRISE DAY 105 (APRIL 15, 1970) AT 1900 GMT  
 SUNRISE DAY 135 (MAY 15, 1970) AT 0700 GMT



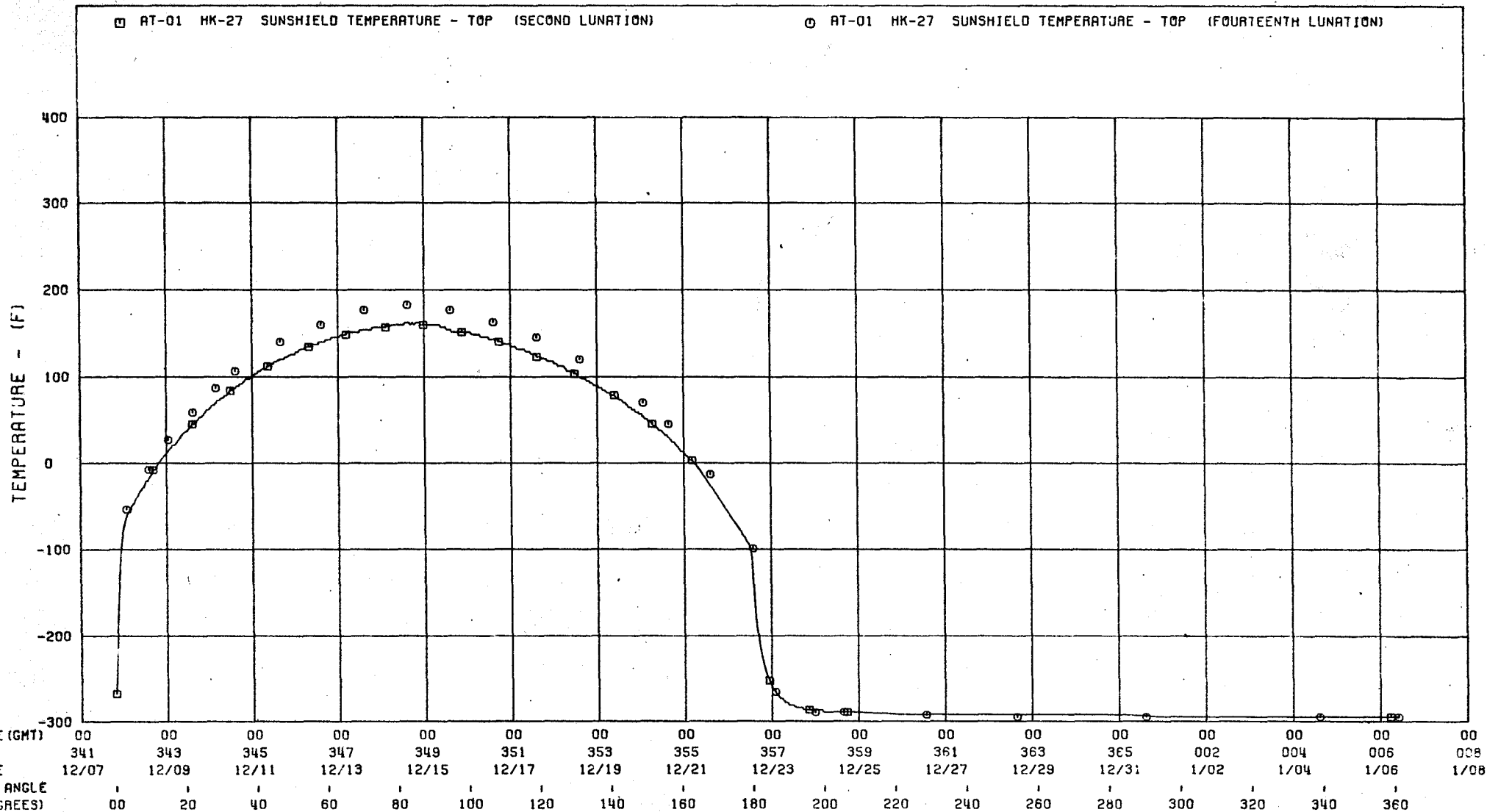
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 11 TH ALSEP LUNATION  
 SUNRISE DAY 253 (SEPTEMBER 10, 1970) AT 0254 GMT  
 SUNRISE DAY 282 (OCTOBER 9, 1970) AT 1520 GMT

|                                                                                                                                                                                             |                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ DI-04 COLD CATHODE GAUGE TEMPERATURE - K (SECOND LUNATION)<br>▲ DI-04 COLD CATHODE GAUGE TEMPERATURE - K (EIGHTH LUNATION)<br>× DI-04 COLD CATHODE GAUGE TEMPERATURE - K (TENTH LUNATION) | ○ DI-04 COLD CATHODE GAUGE TEMPERATURE - K (SEVENTH LUNATION)<br>◇ DI-04 COLD CATHODE GAUGE TEMPERATURE - K (NINTH LUNATION)<br>✕ DI-04 COLD CATHODE GAUGE TEMPERATURE - K (ELEVENTH LUNATION) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

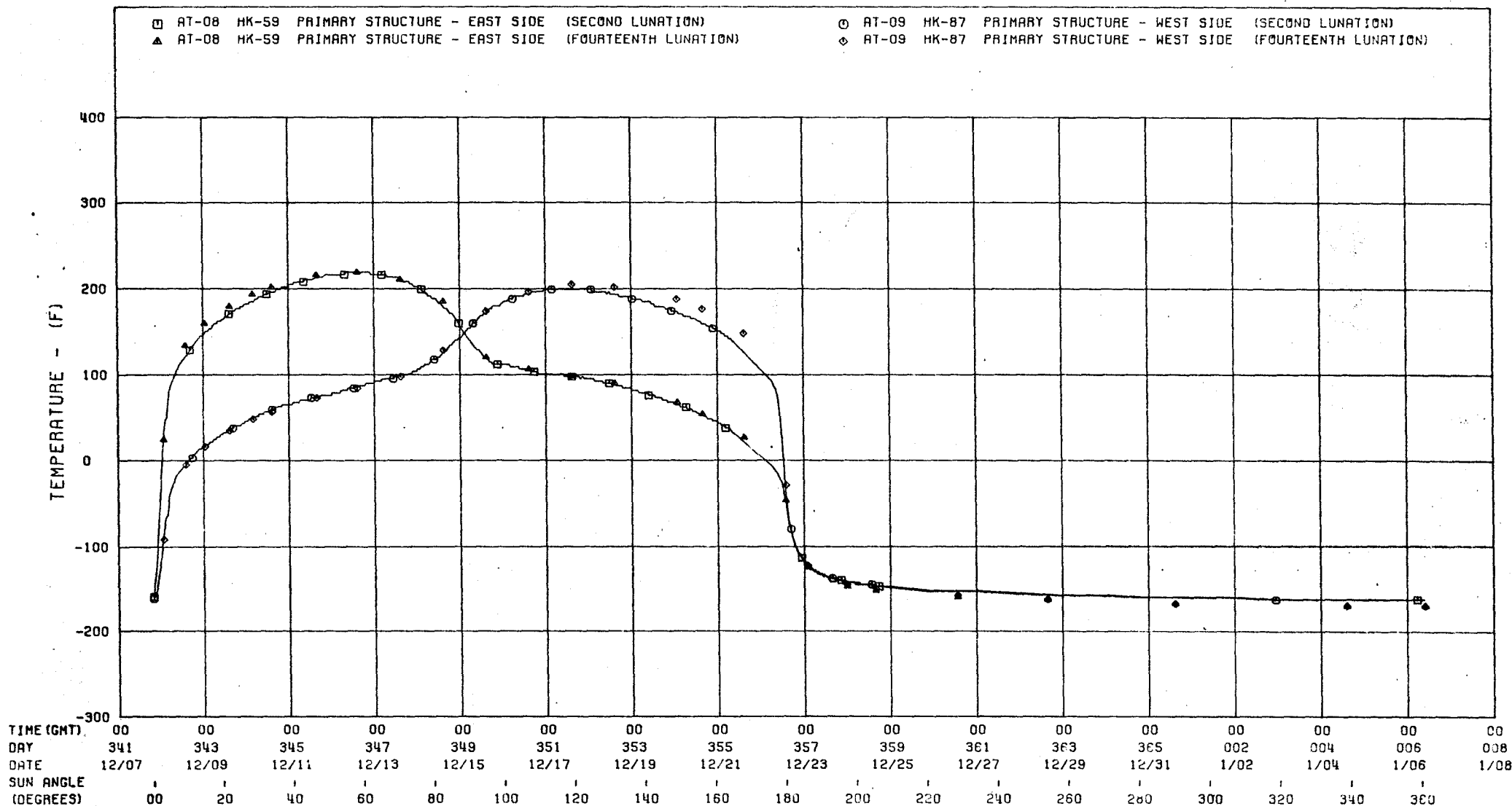


*E. Mile*  
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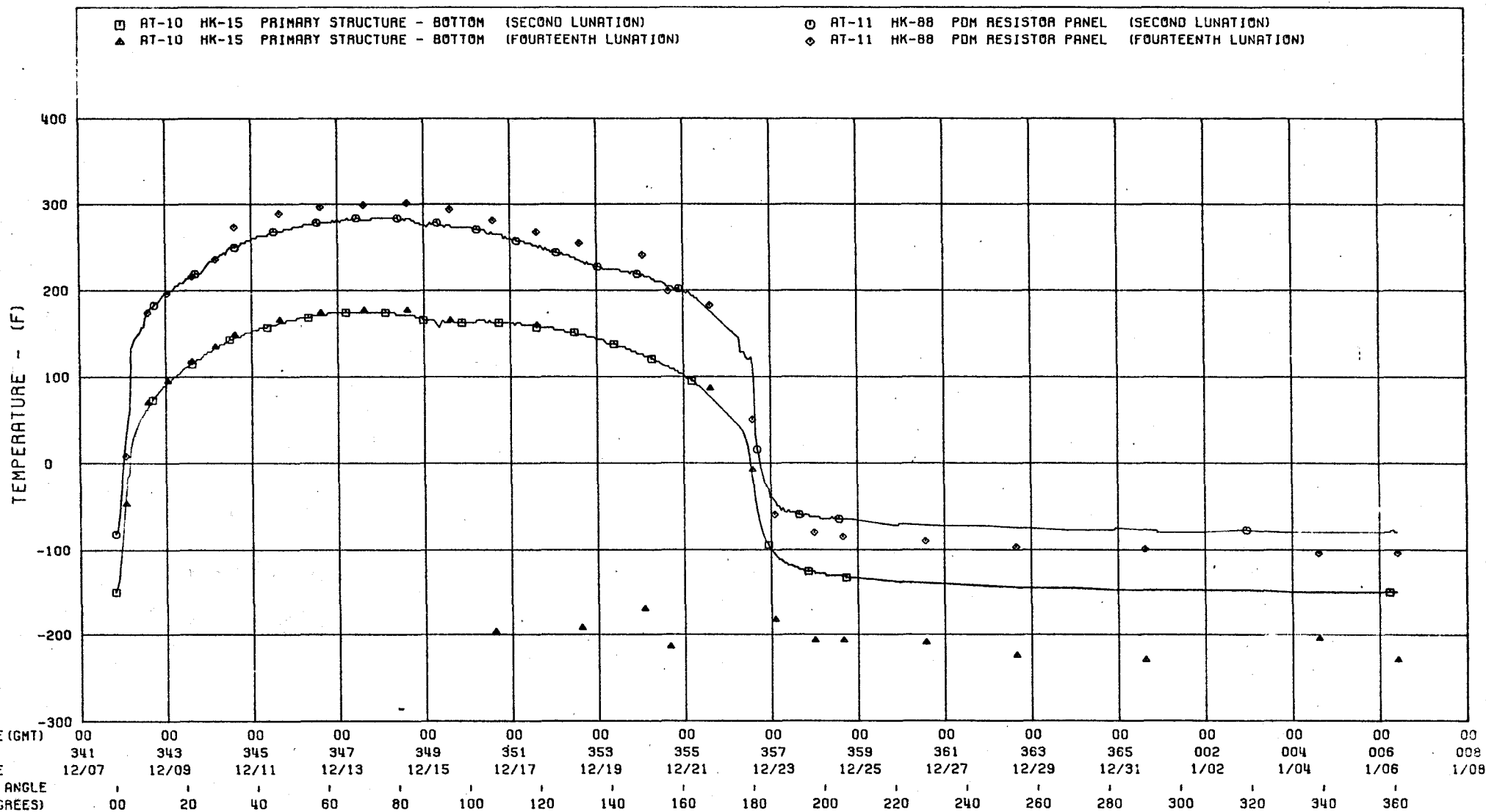
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



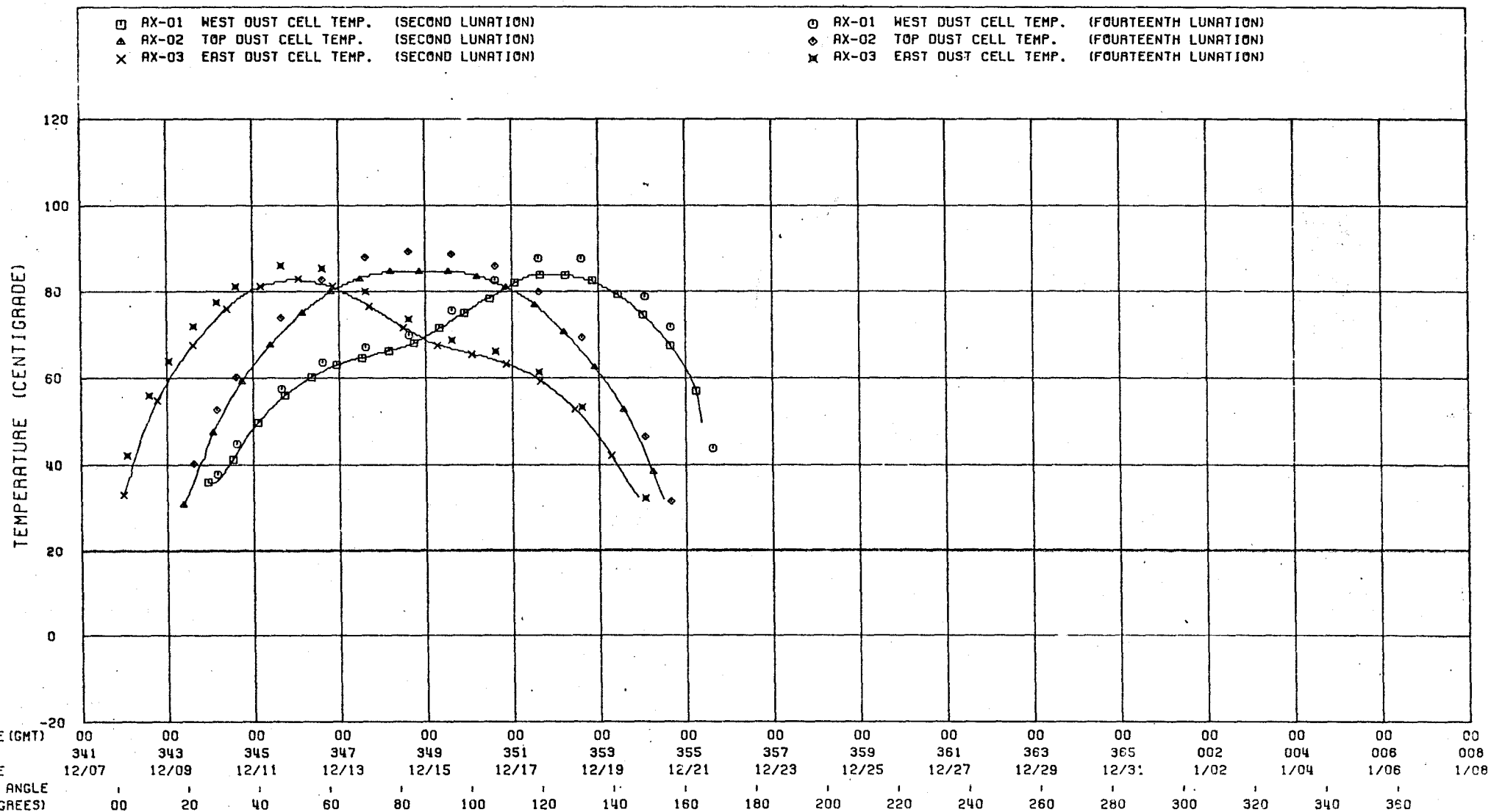
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



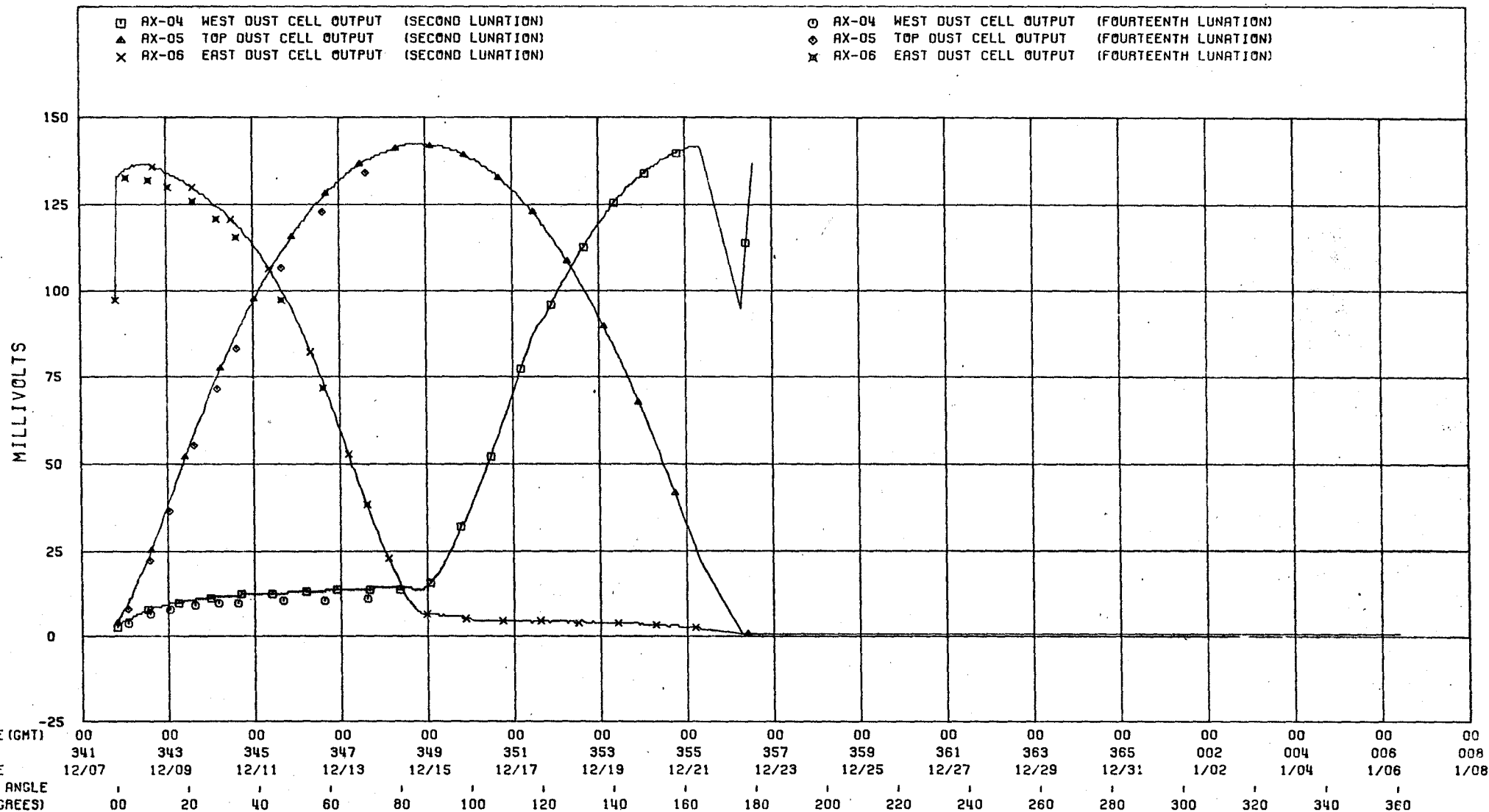
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRAISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRAISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



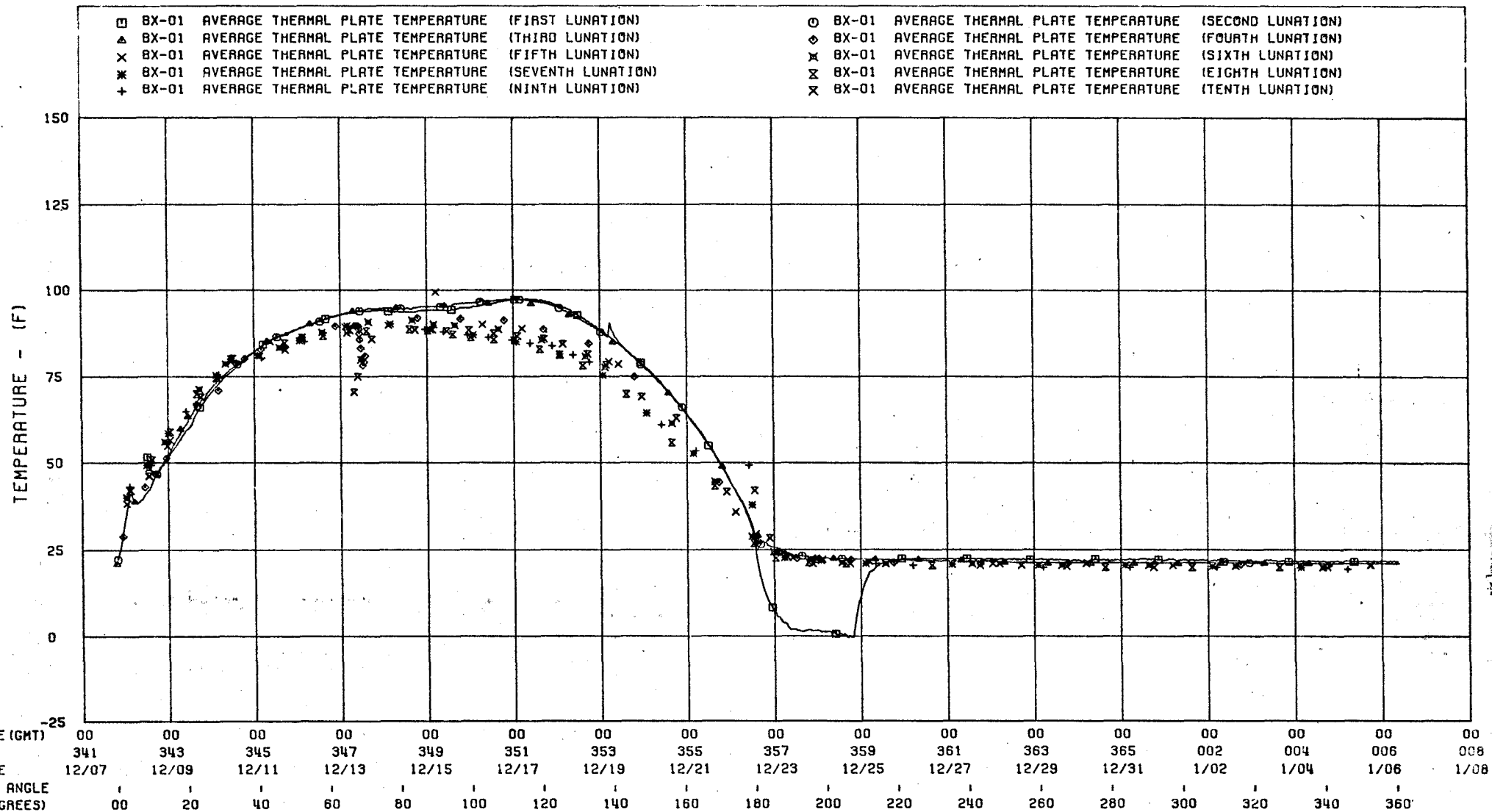
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



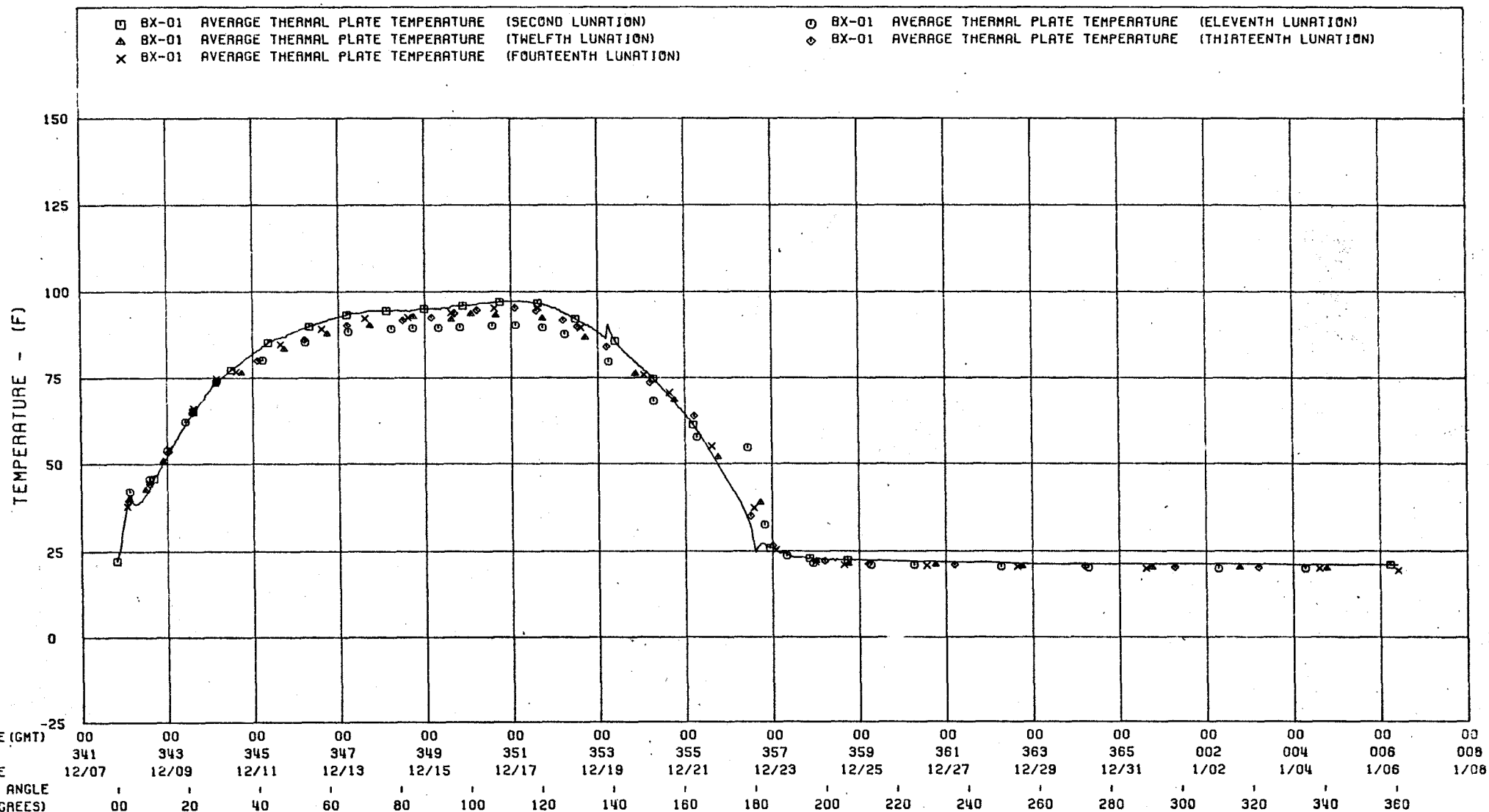
**BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP**  
**APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION**

SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT

SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



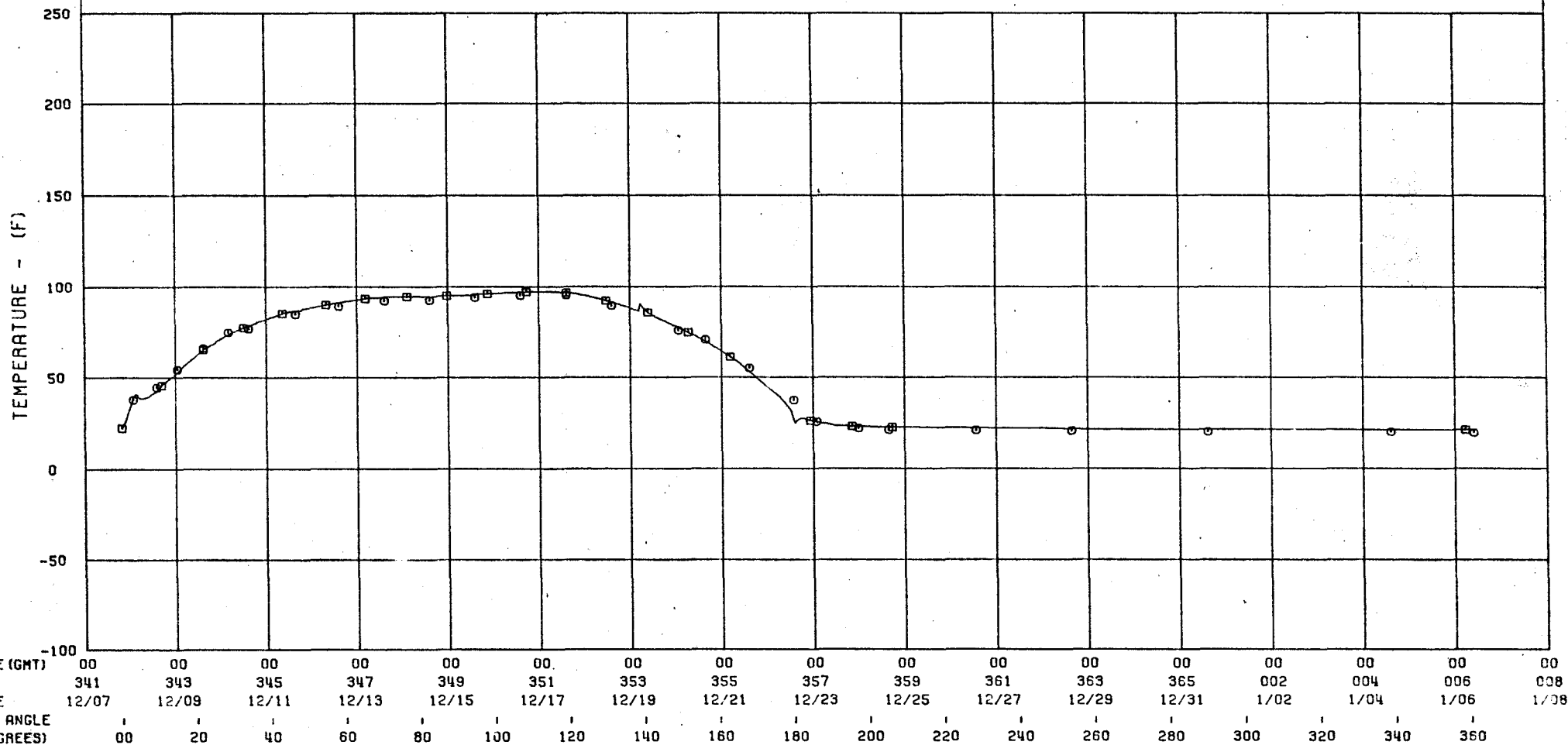
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



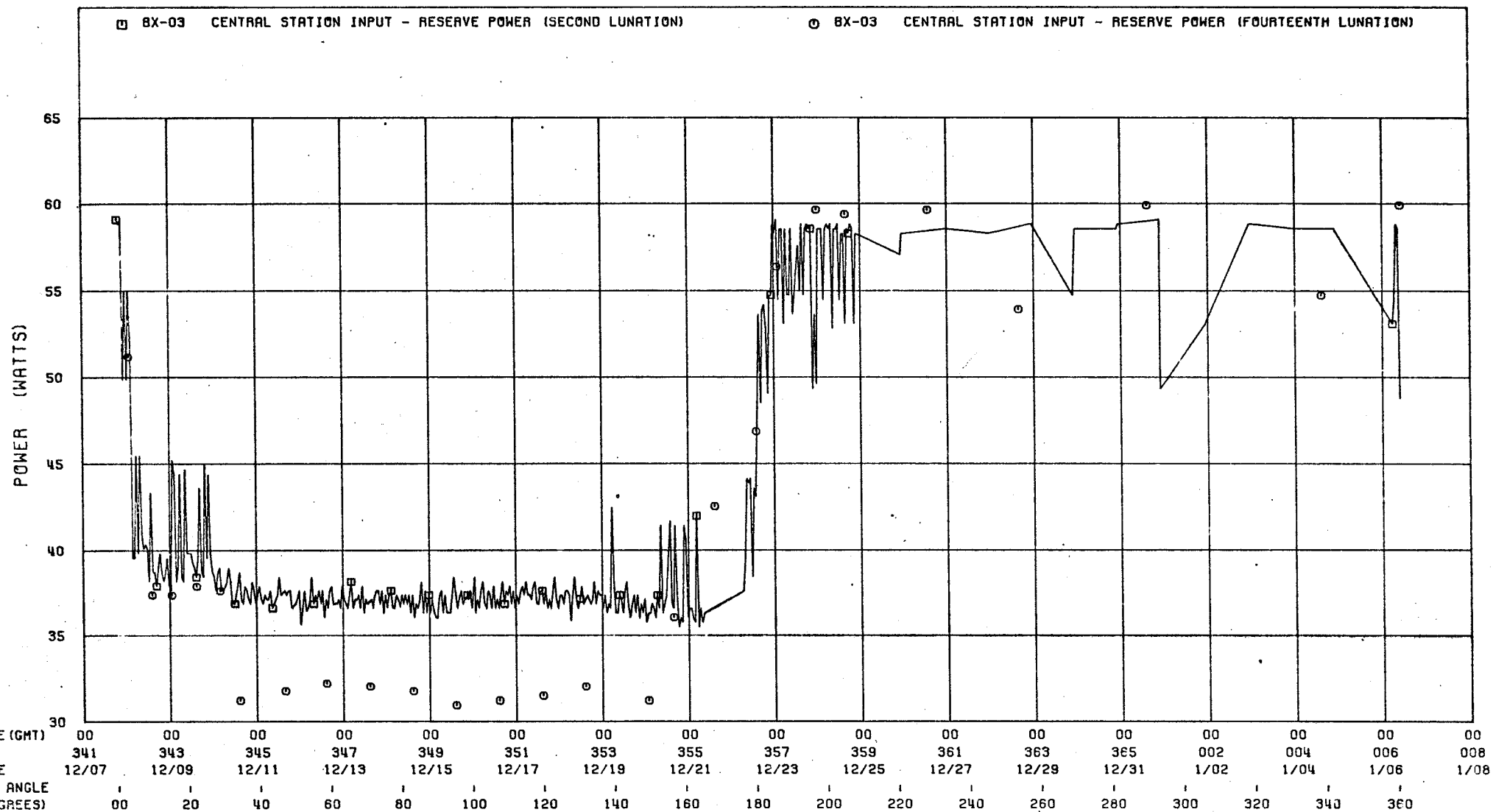
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT

□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SECOND LUNATION)

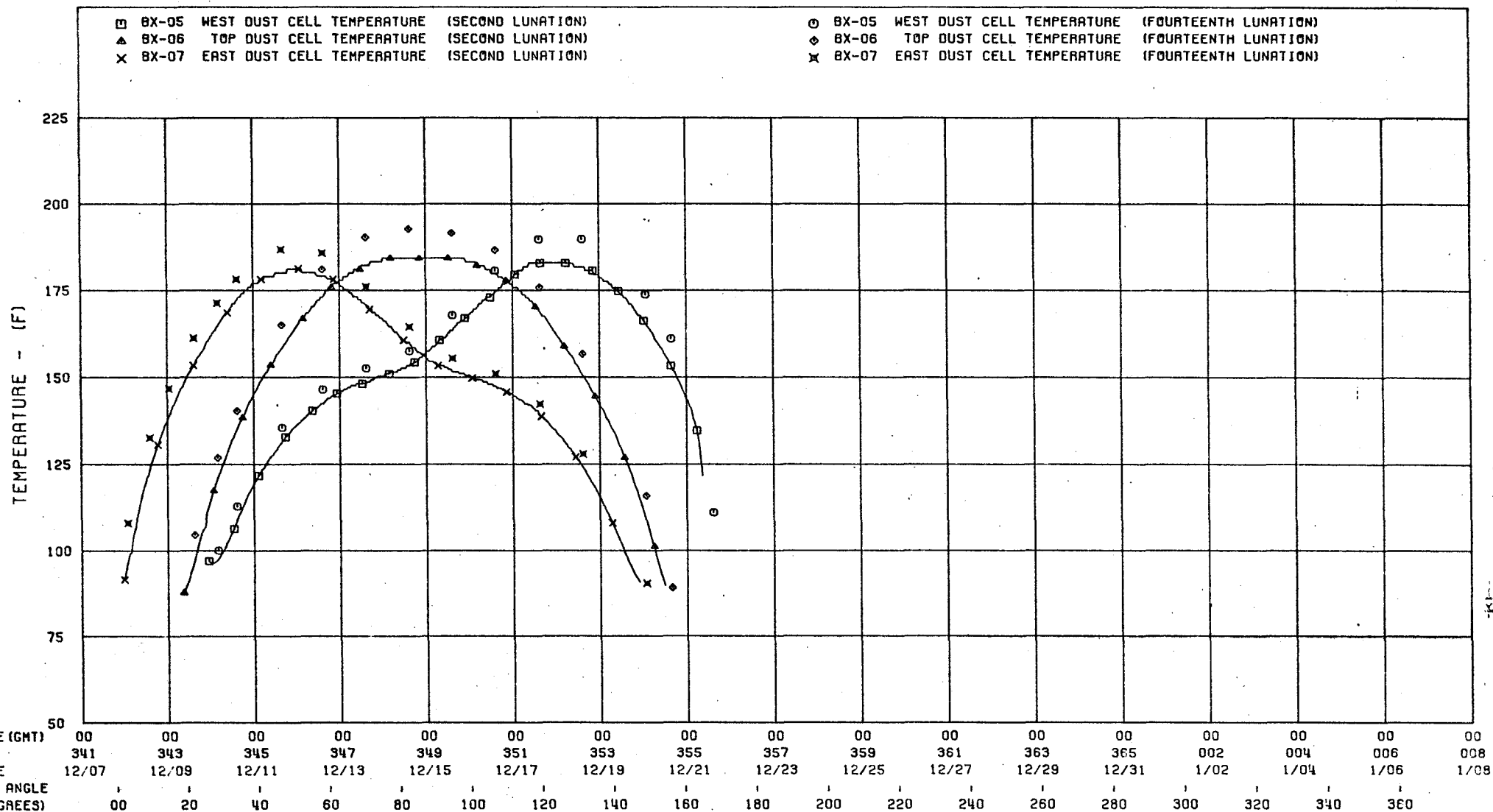
○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FOURTEENTH LUNATION)



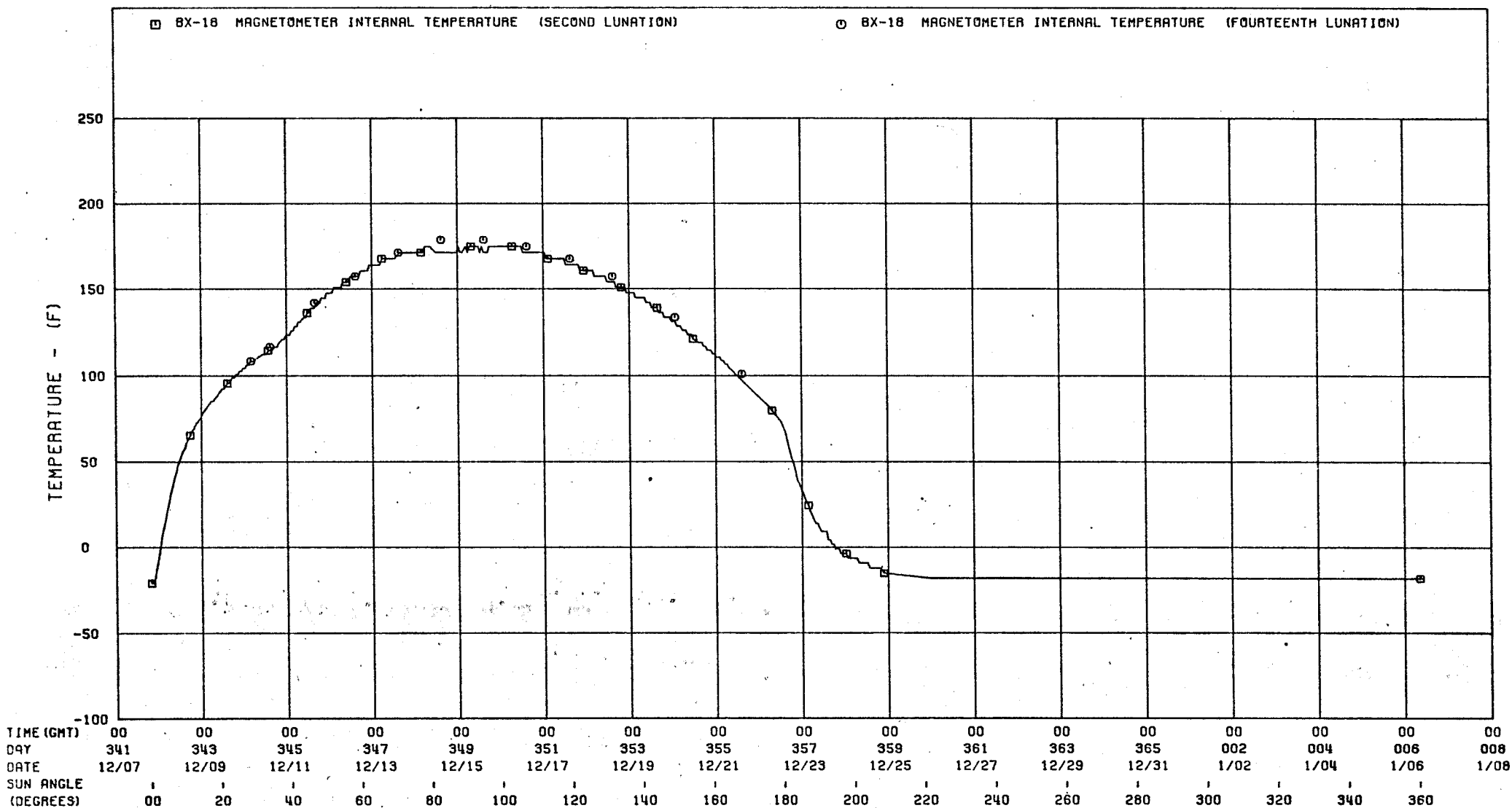
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



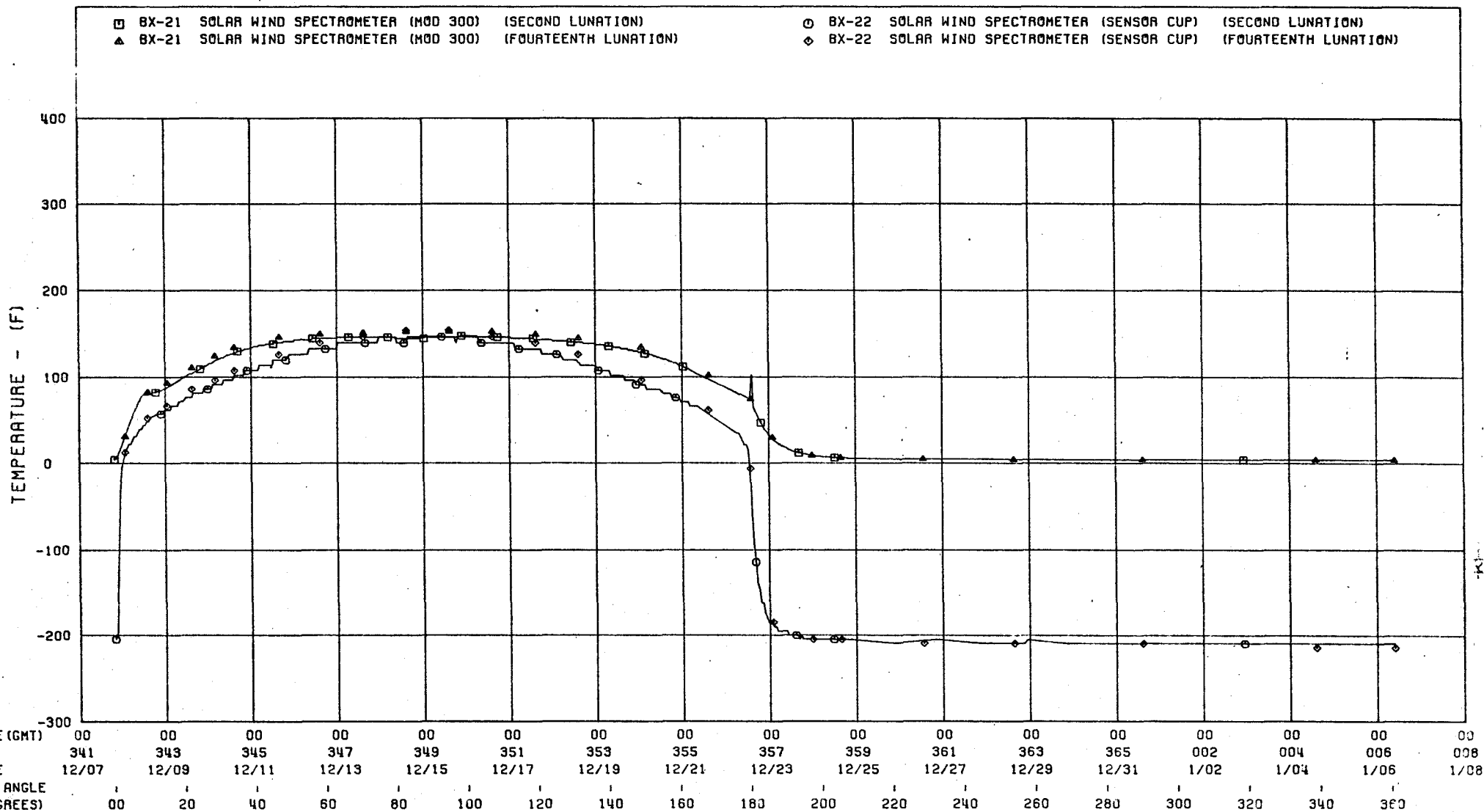
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT

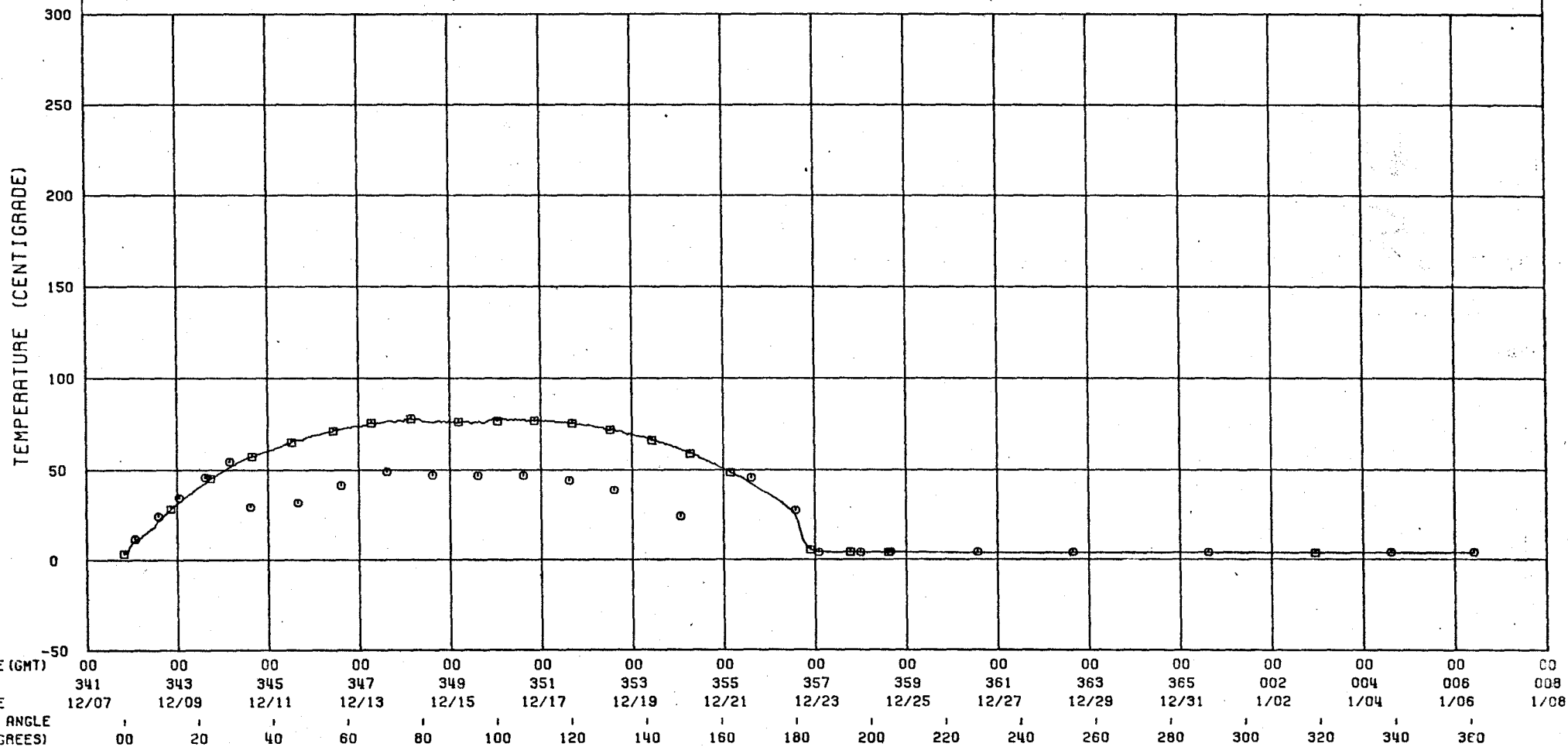


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
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BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT

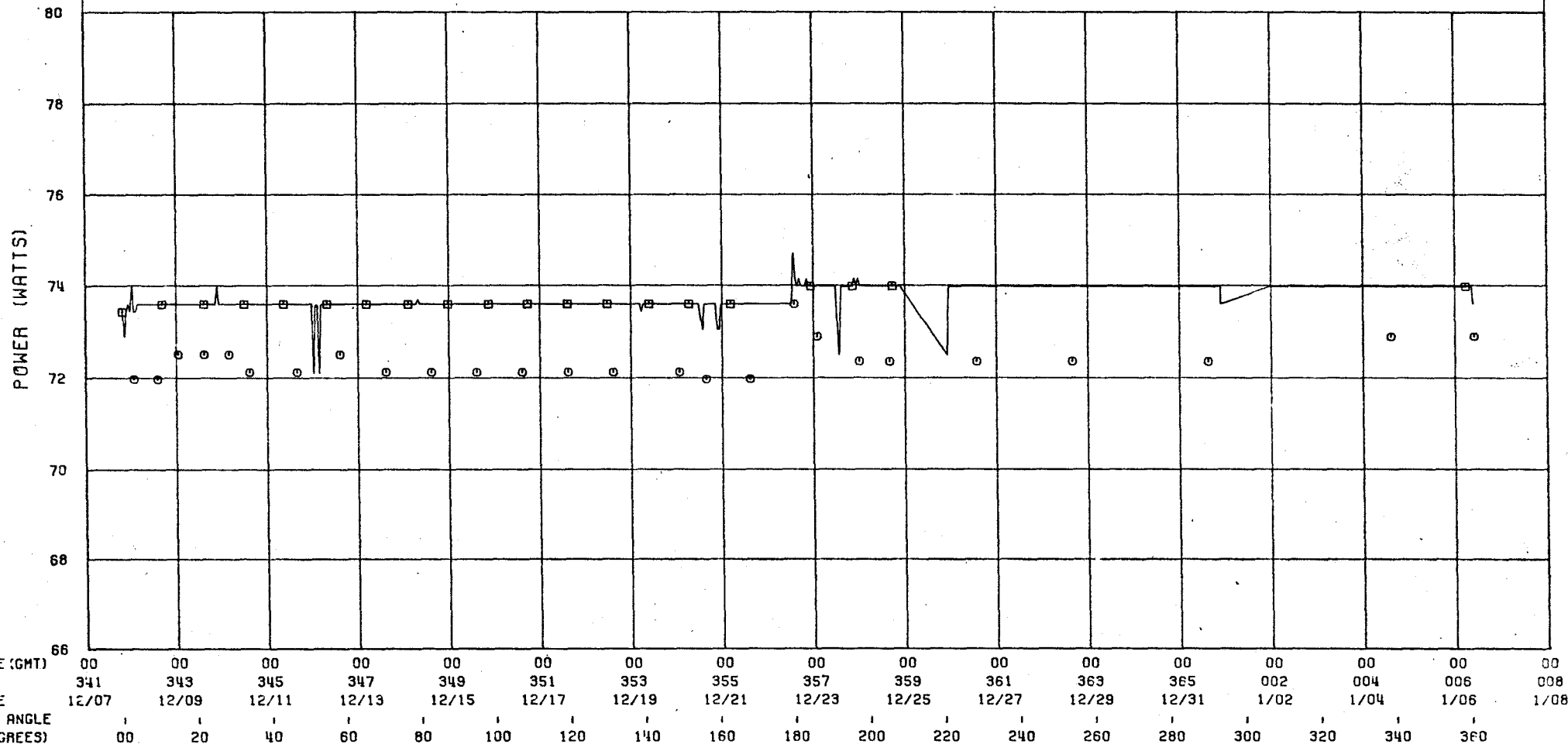
□ BX-23 AVERAGE SIDE TEMPERATURE (SECOND LUNATION)
○ BX-23 AVERAGE SIDE TEMPERATURE (FOURTEENTH LUNATION)



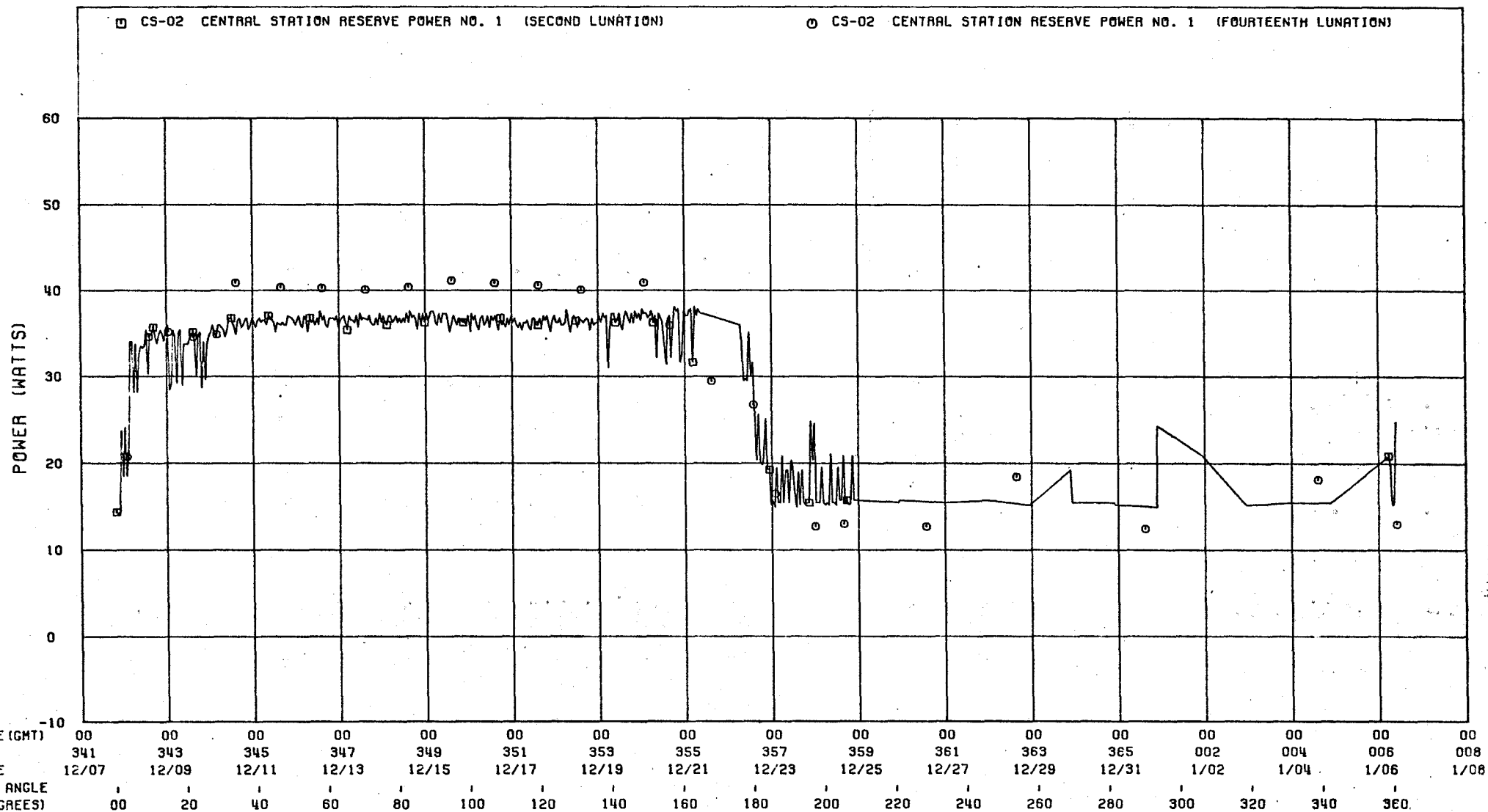
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT

□ CS-01 RTG POWER OUTPUT (WATTS) (SECOND LUNATION)

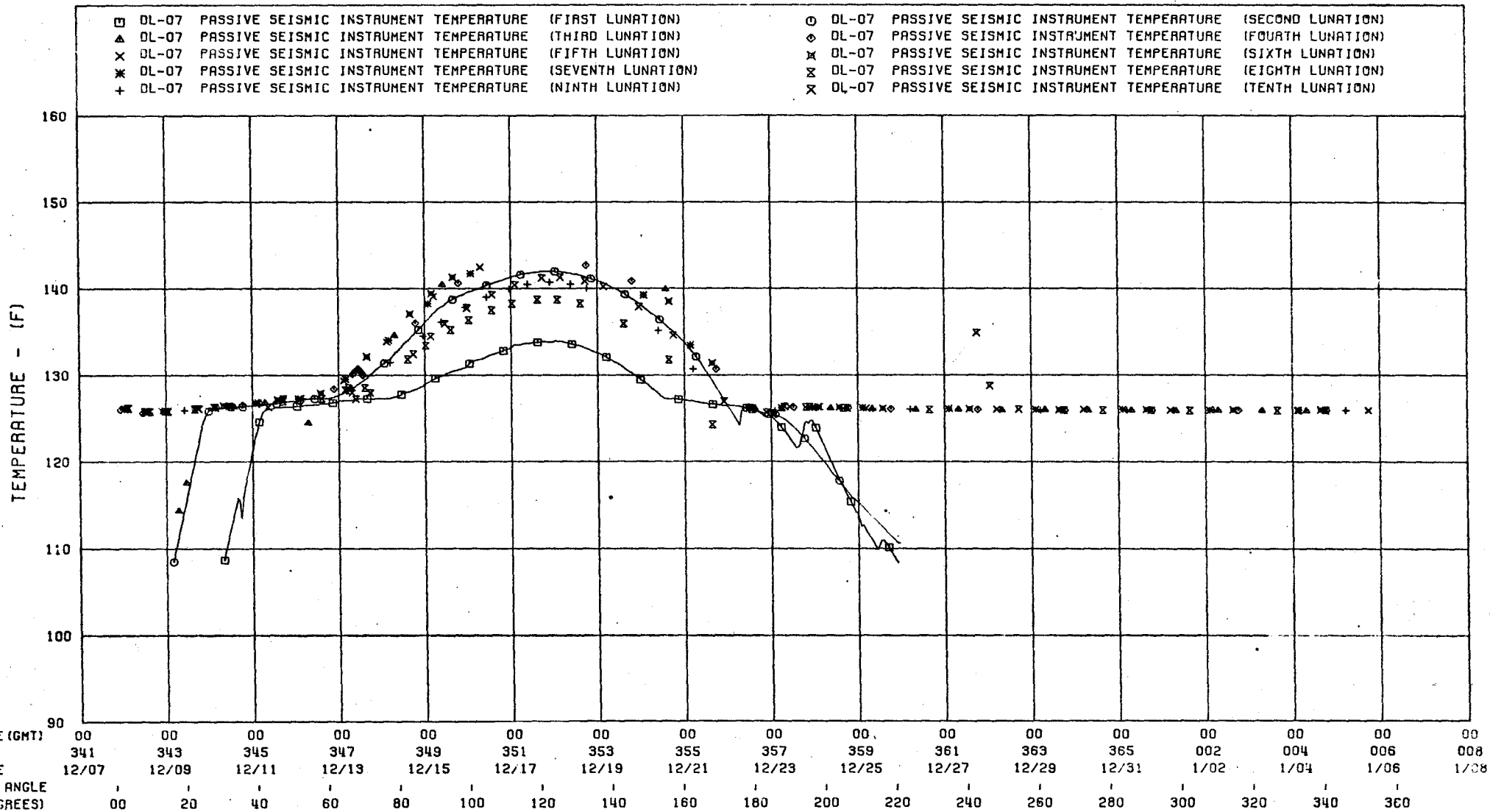
○ CS-01 RTG POWER OUTPUT (WATTS) (FOURTEENTH LUNATION)



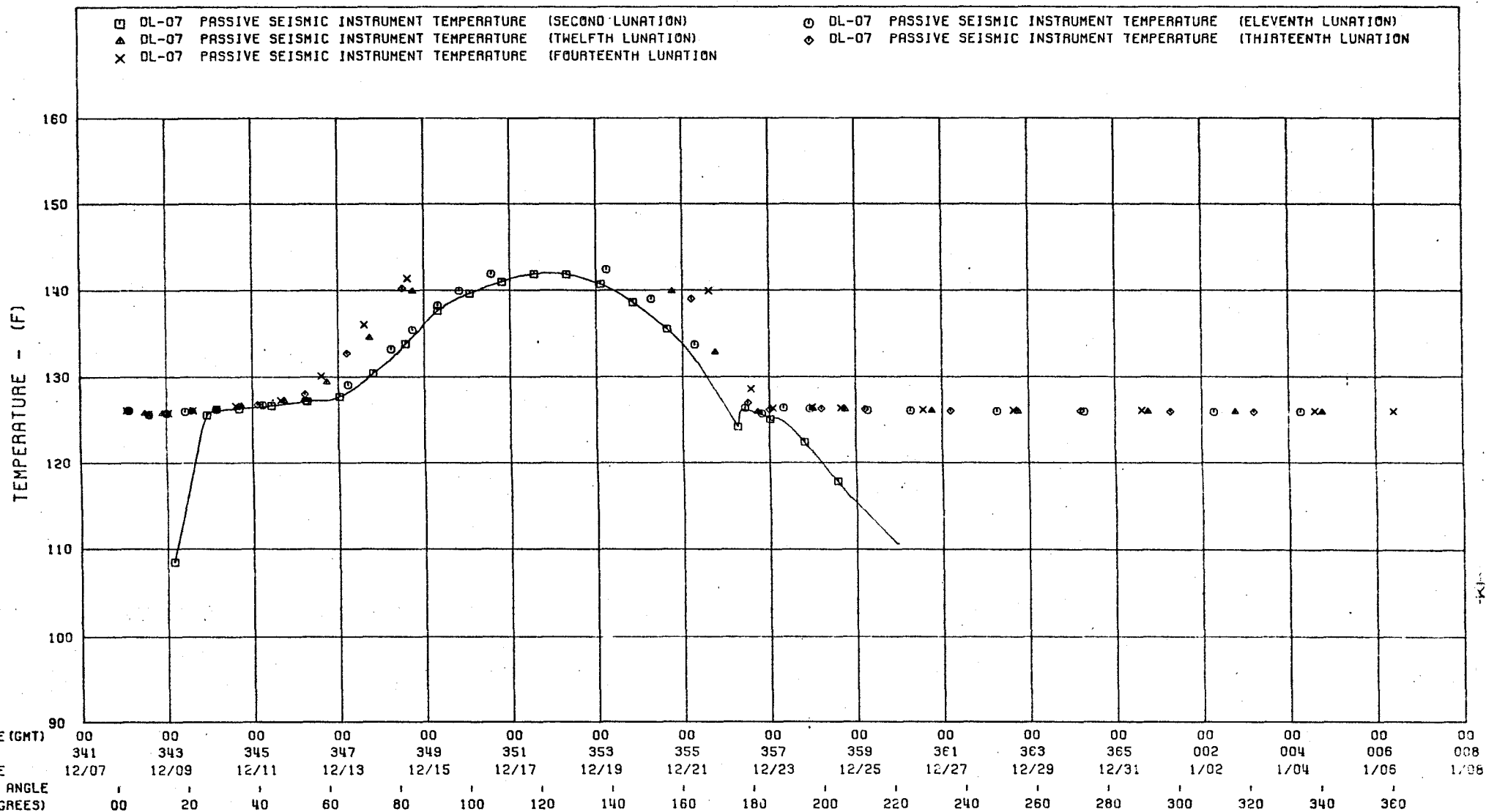
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
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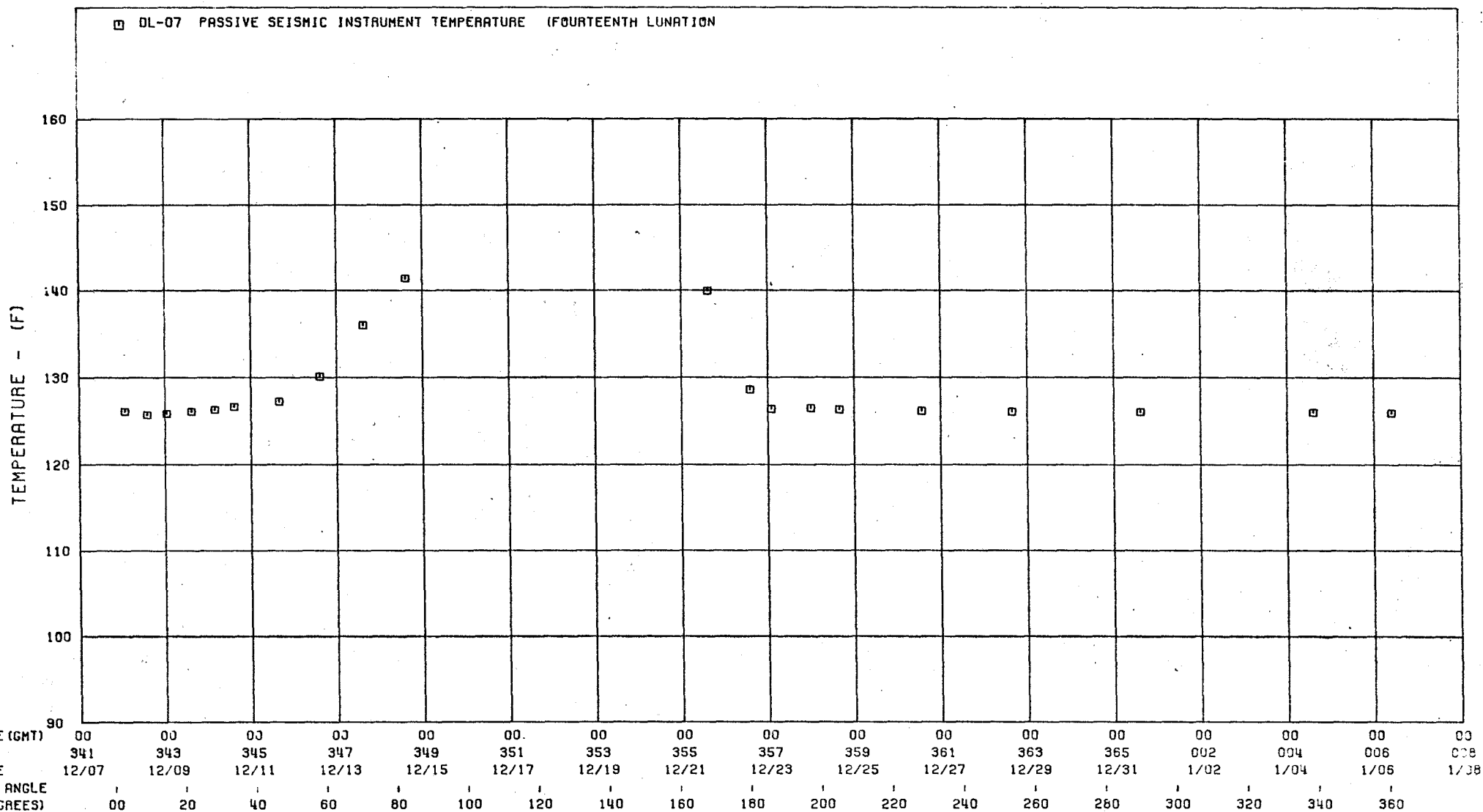
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 14 TH ALSEP LUNATION  
 SUNRISE DAY 341 (DECEMBER 7, 1970) AT 1855 GMT  
 SUNRISE DAY 006 (JANUARY 6, 1971) AT 0959 GMT



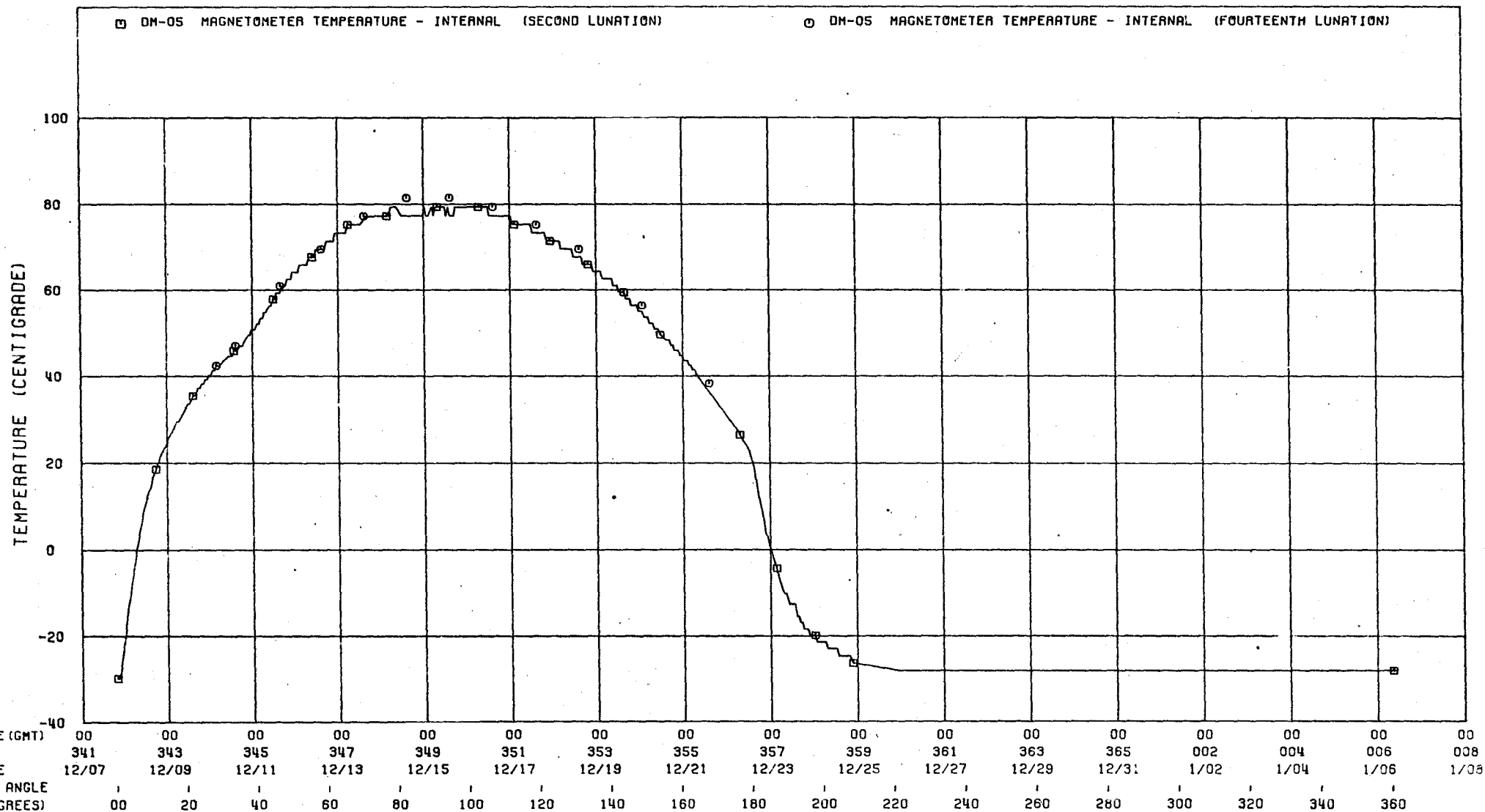
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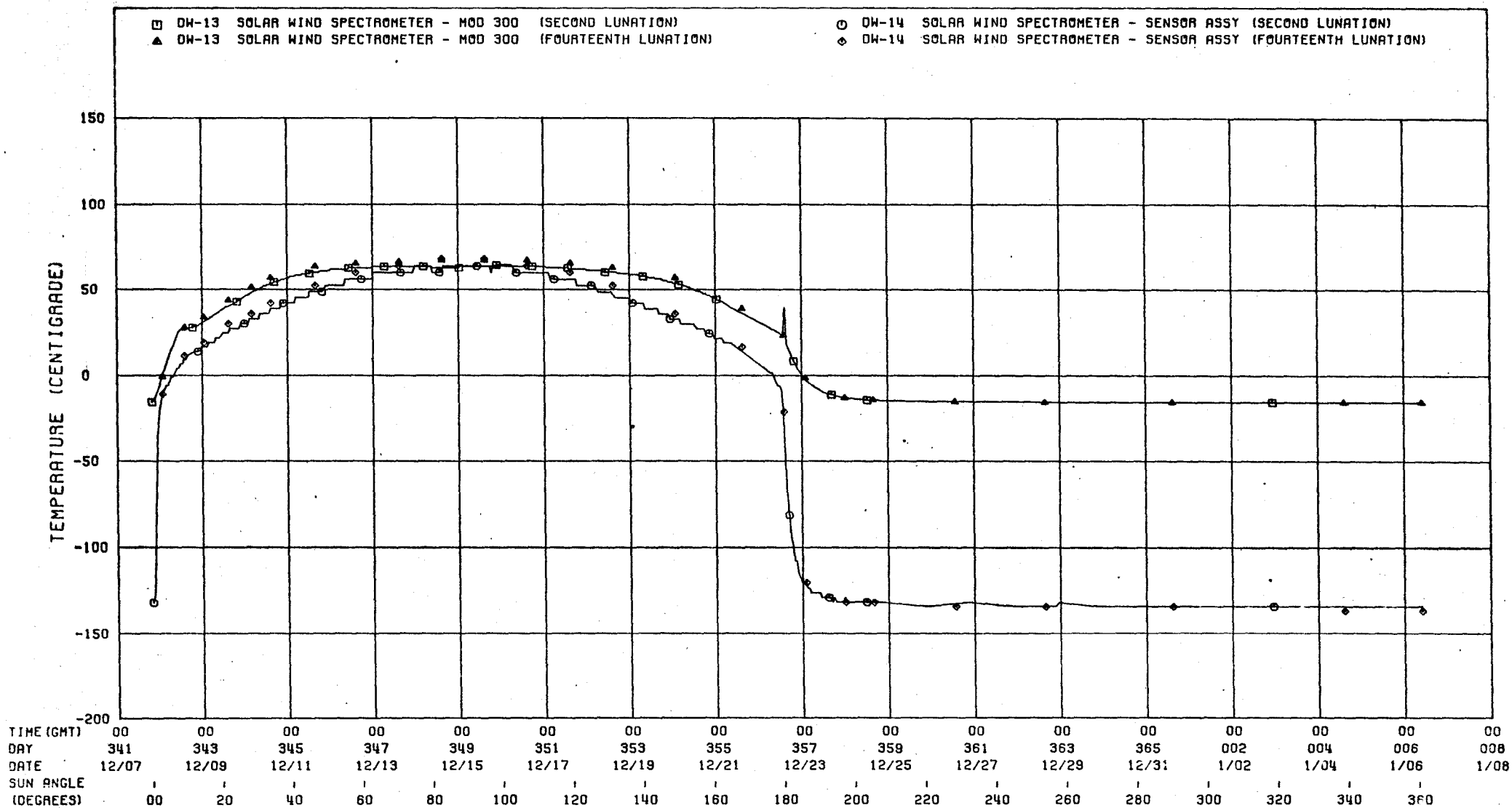
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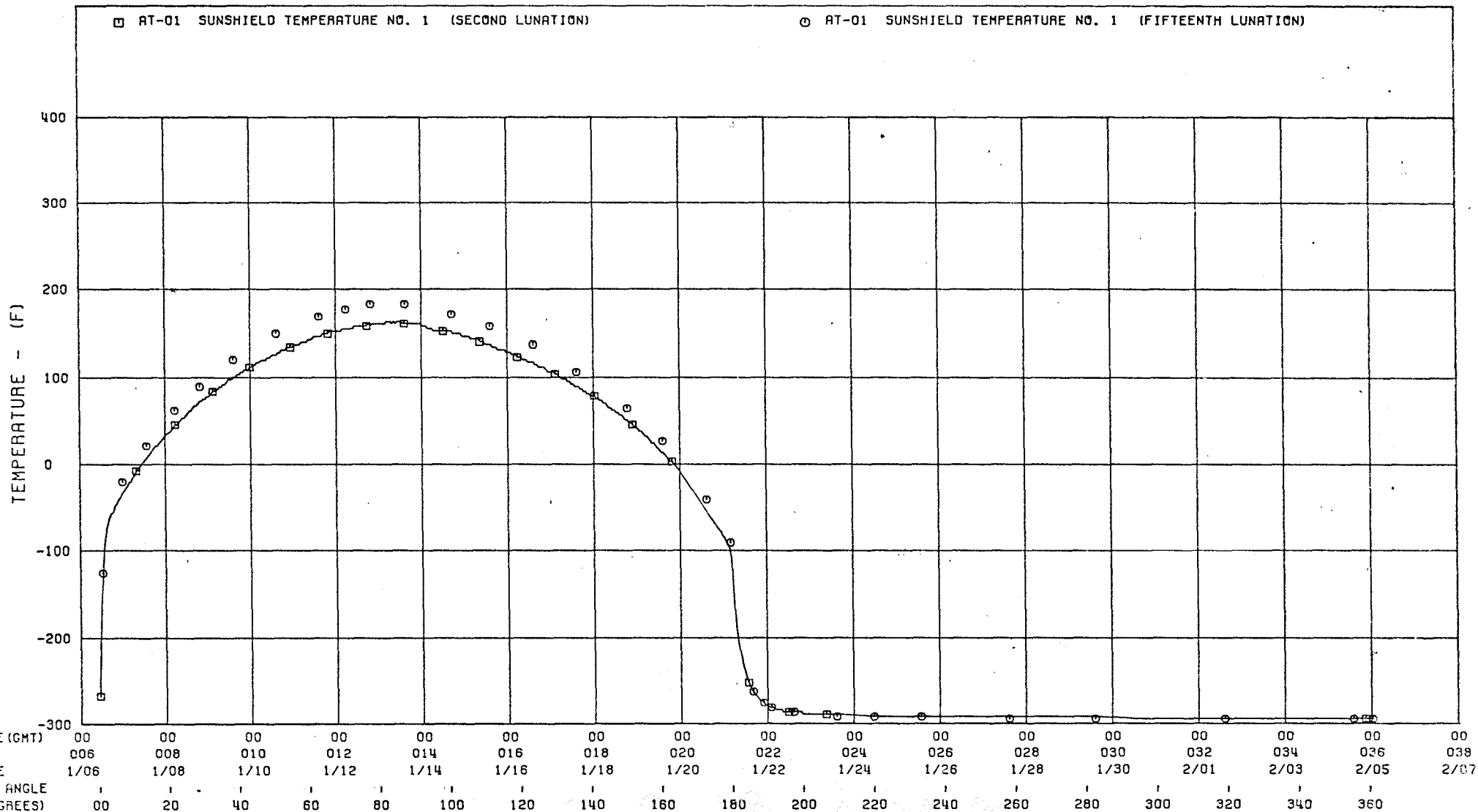


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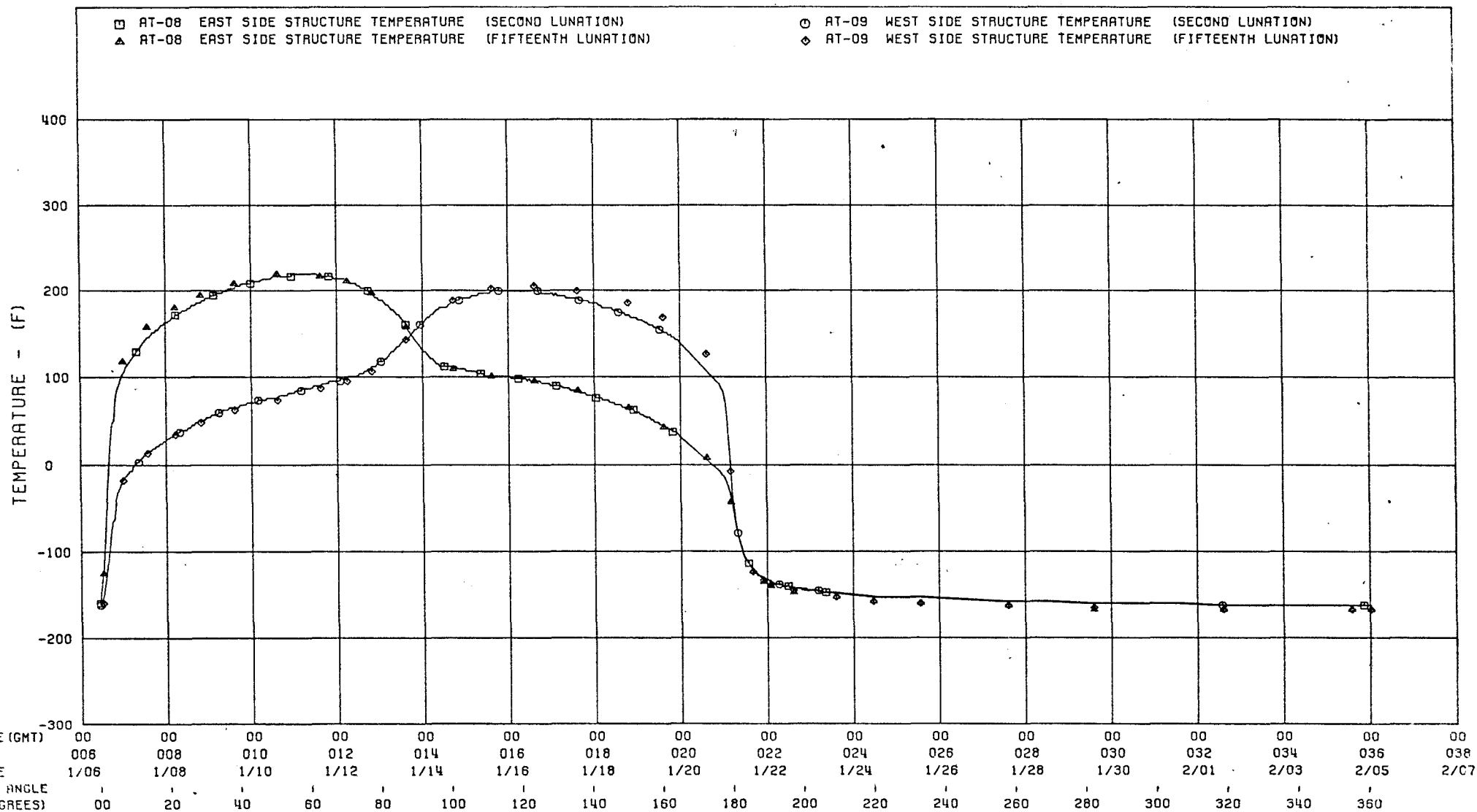


*R. Milt*

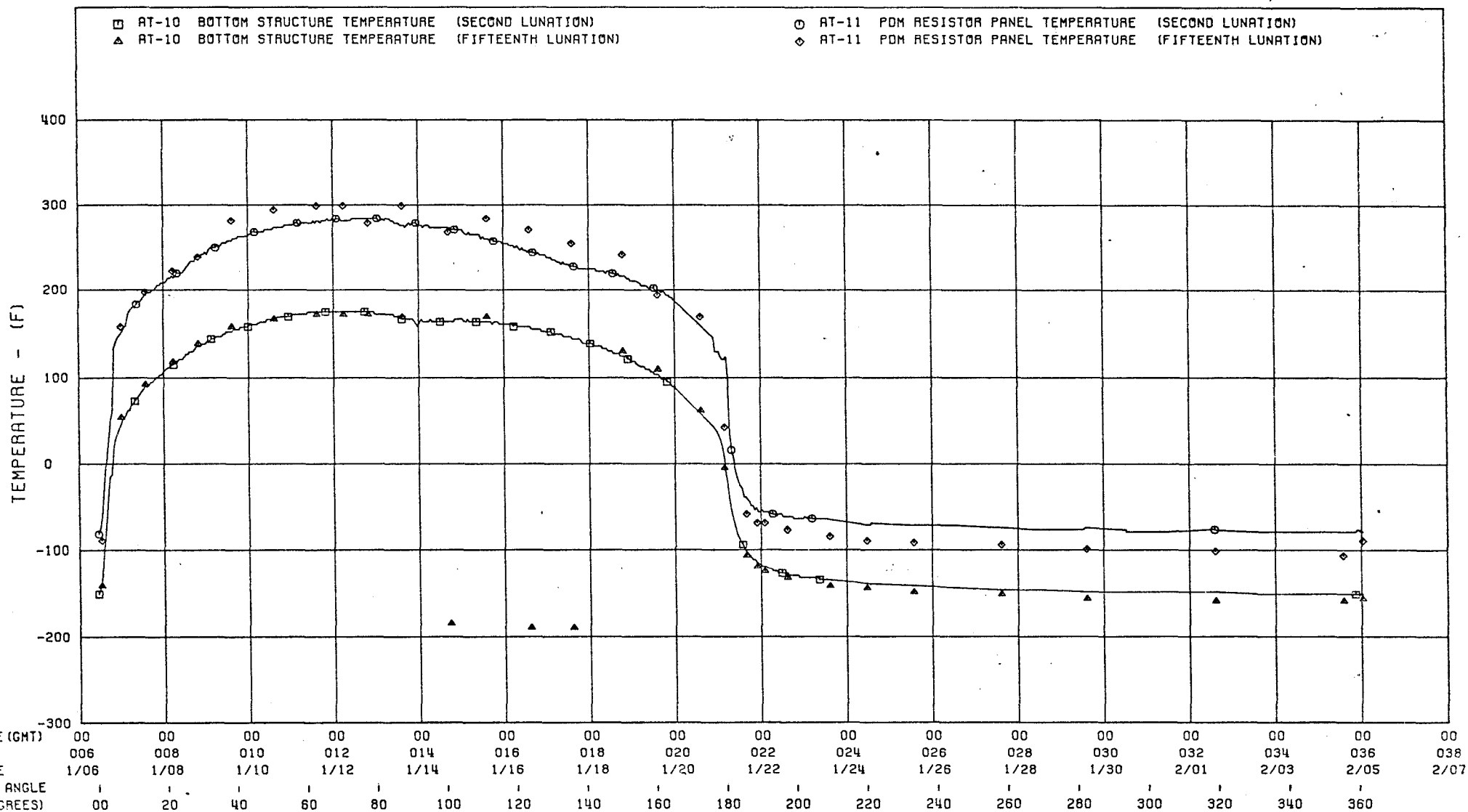
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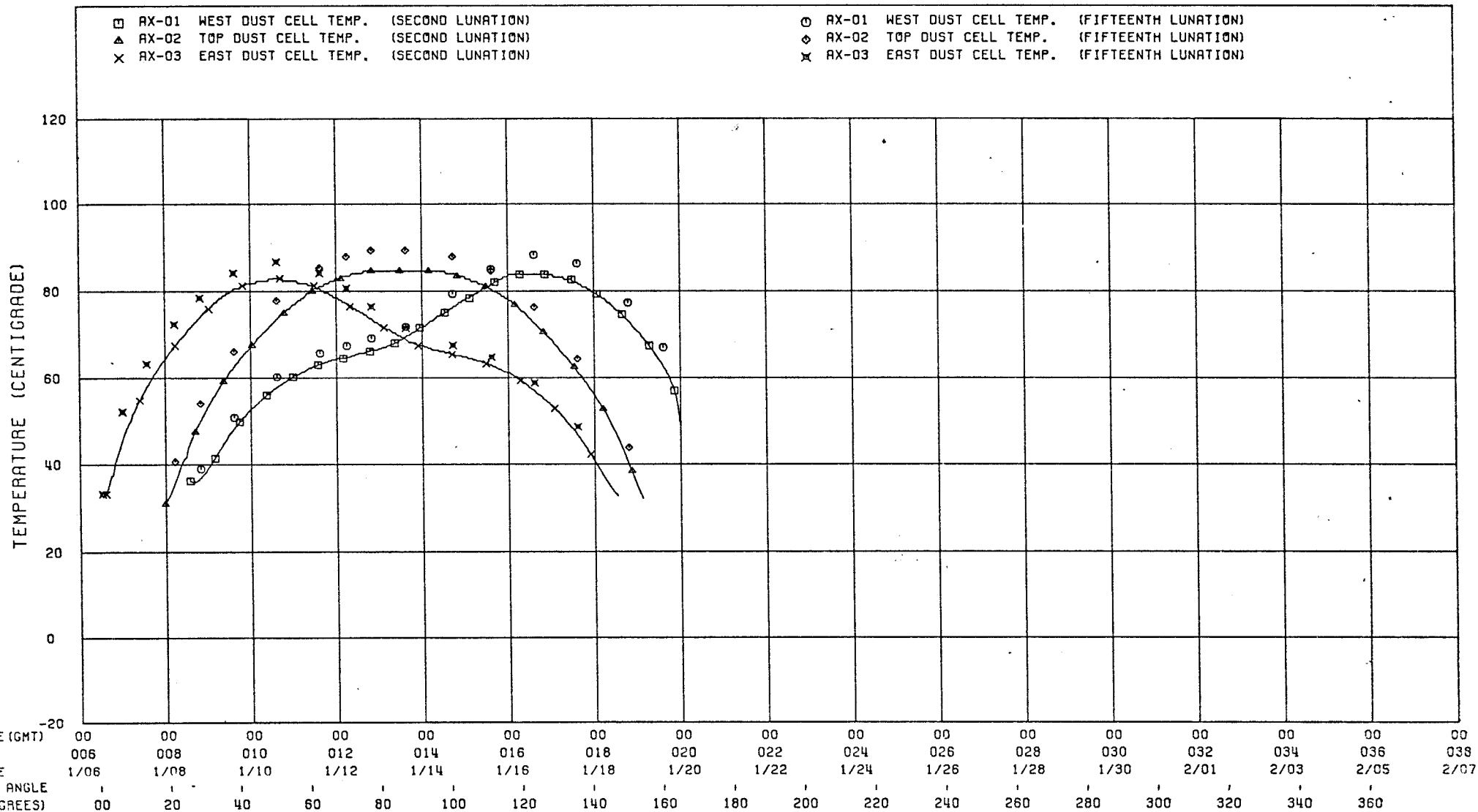
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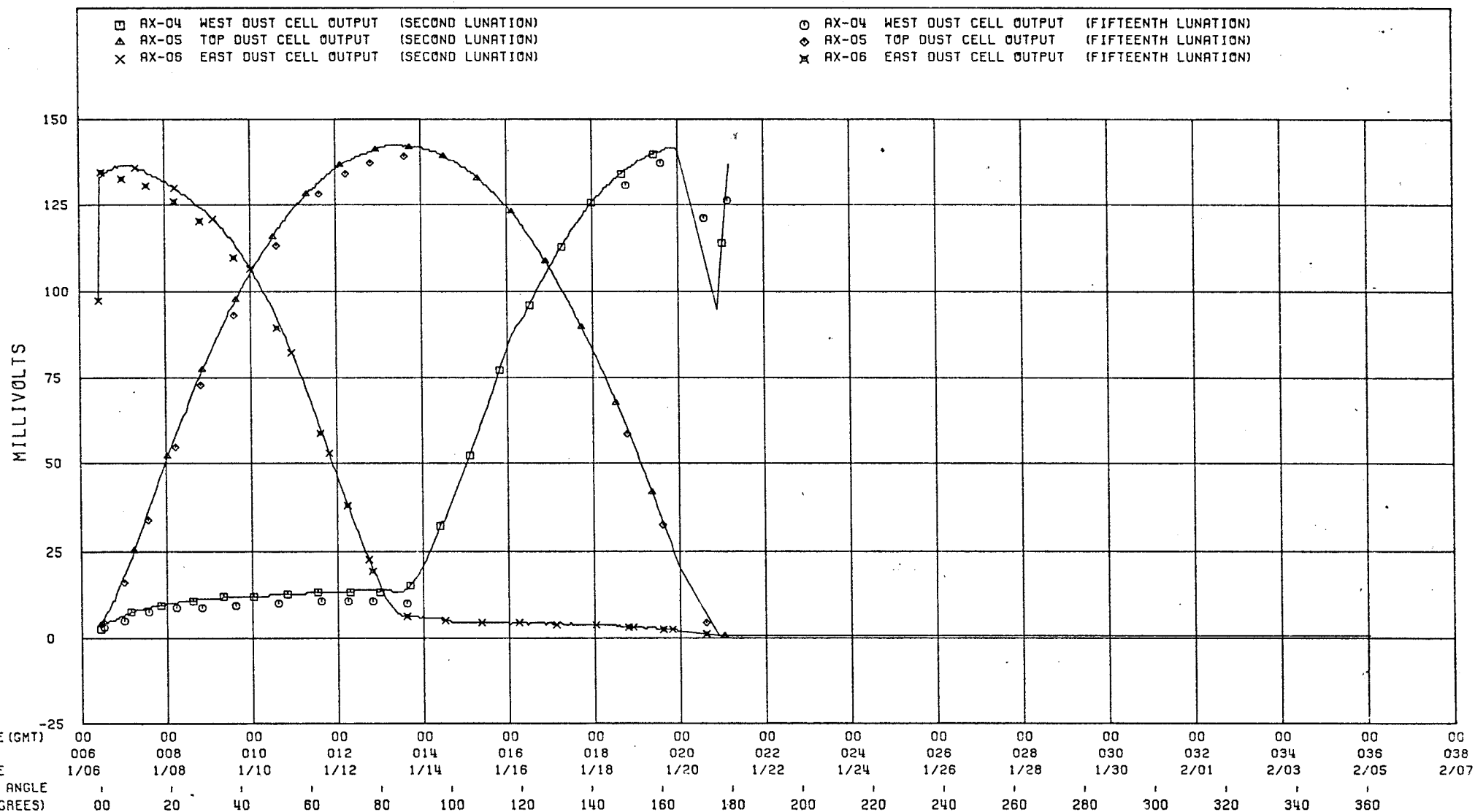
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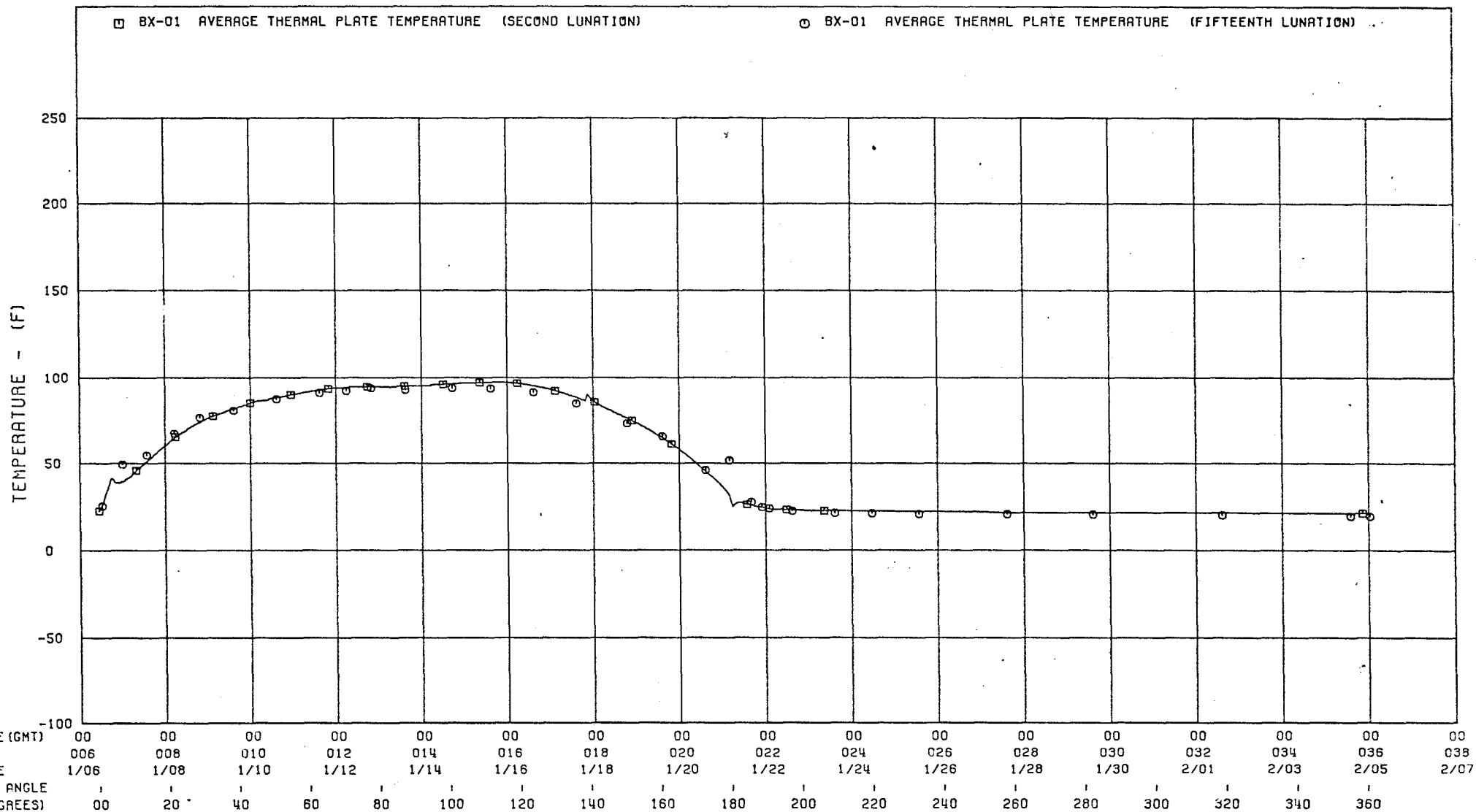
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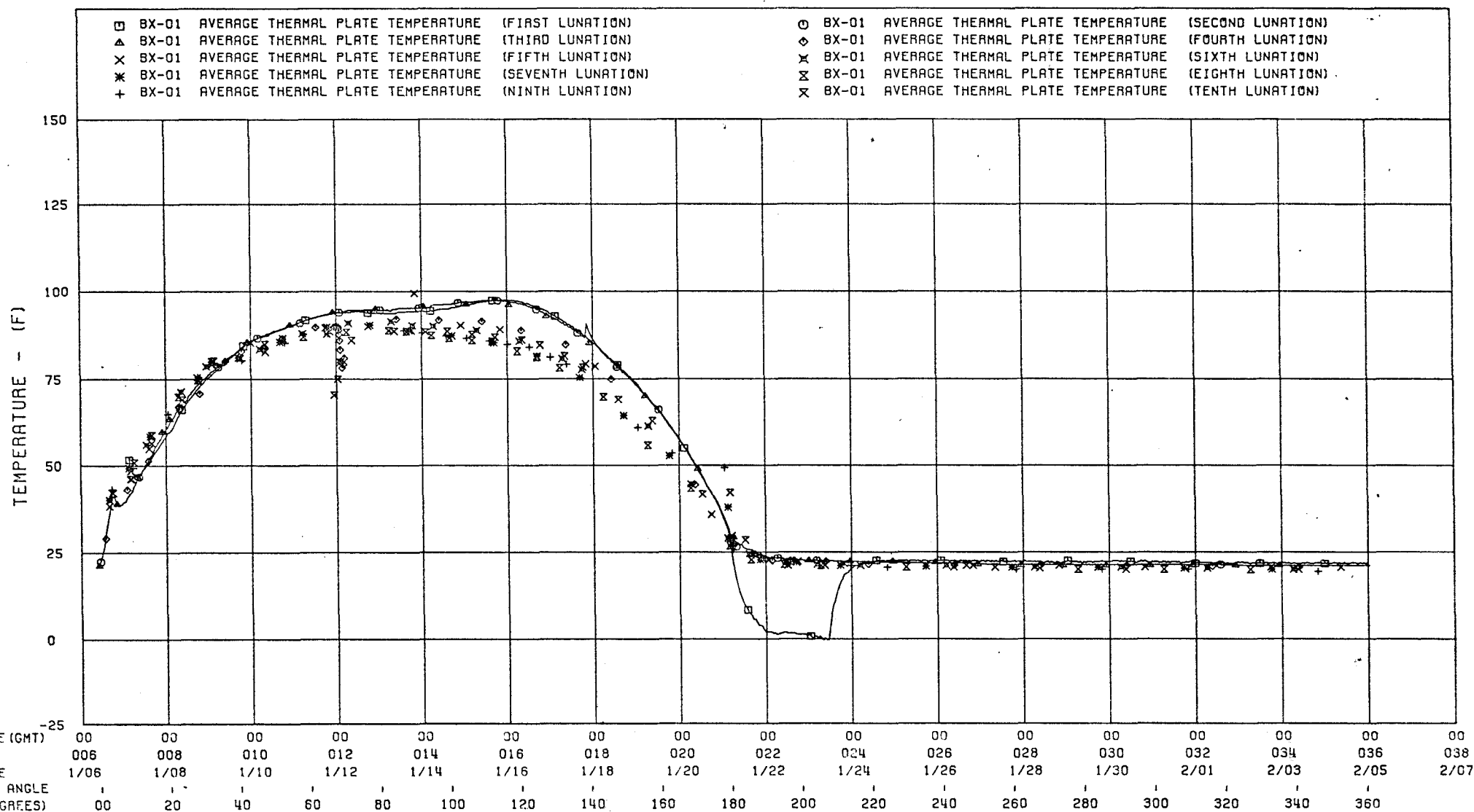
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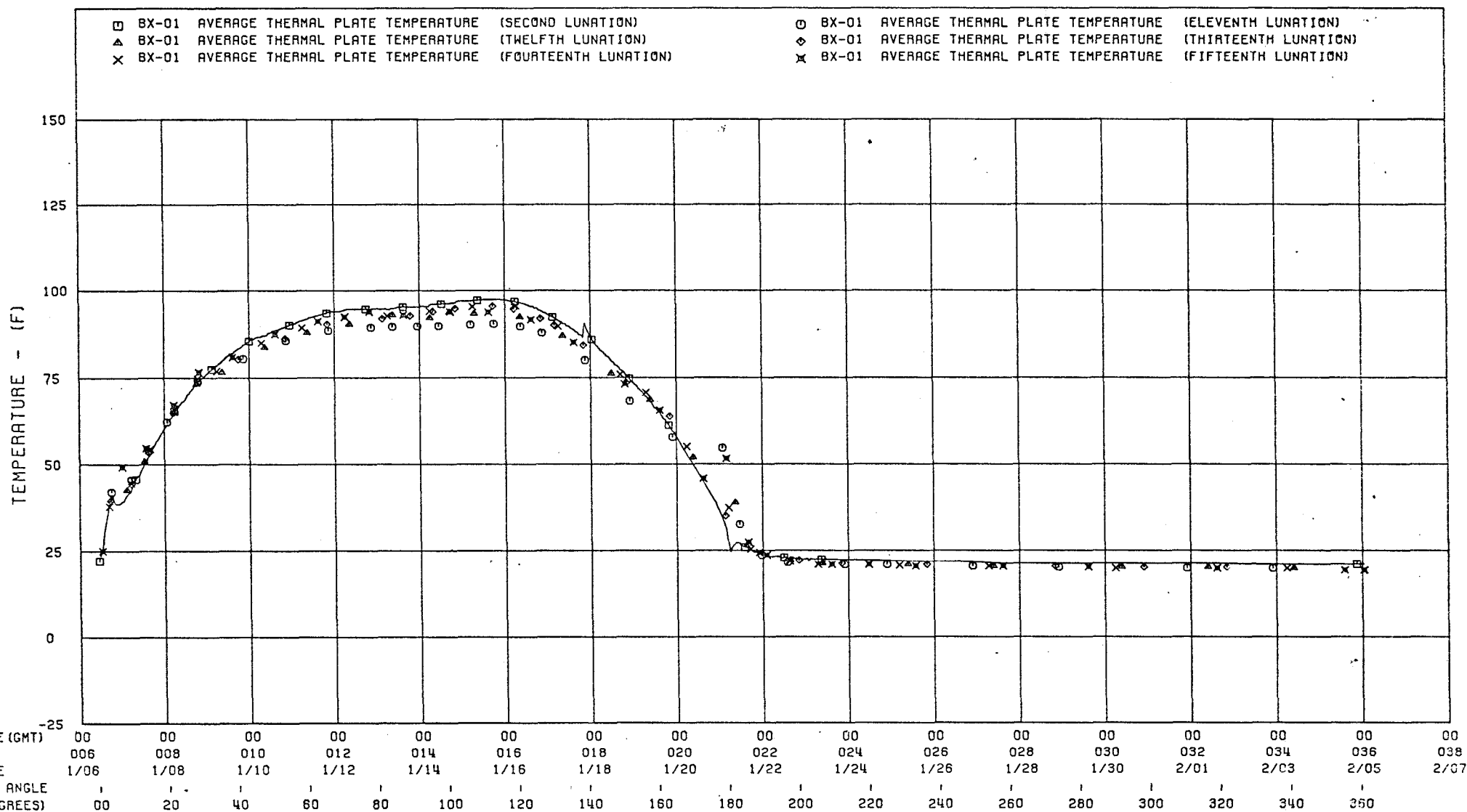
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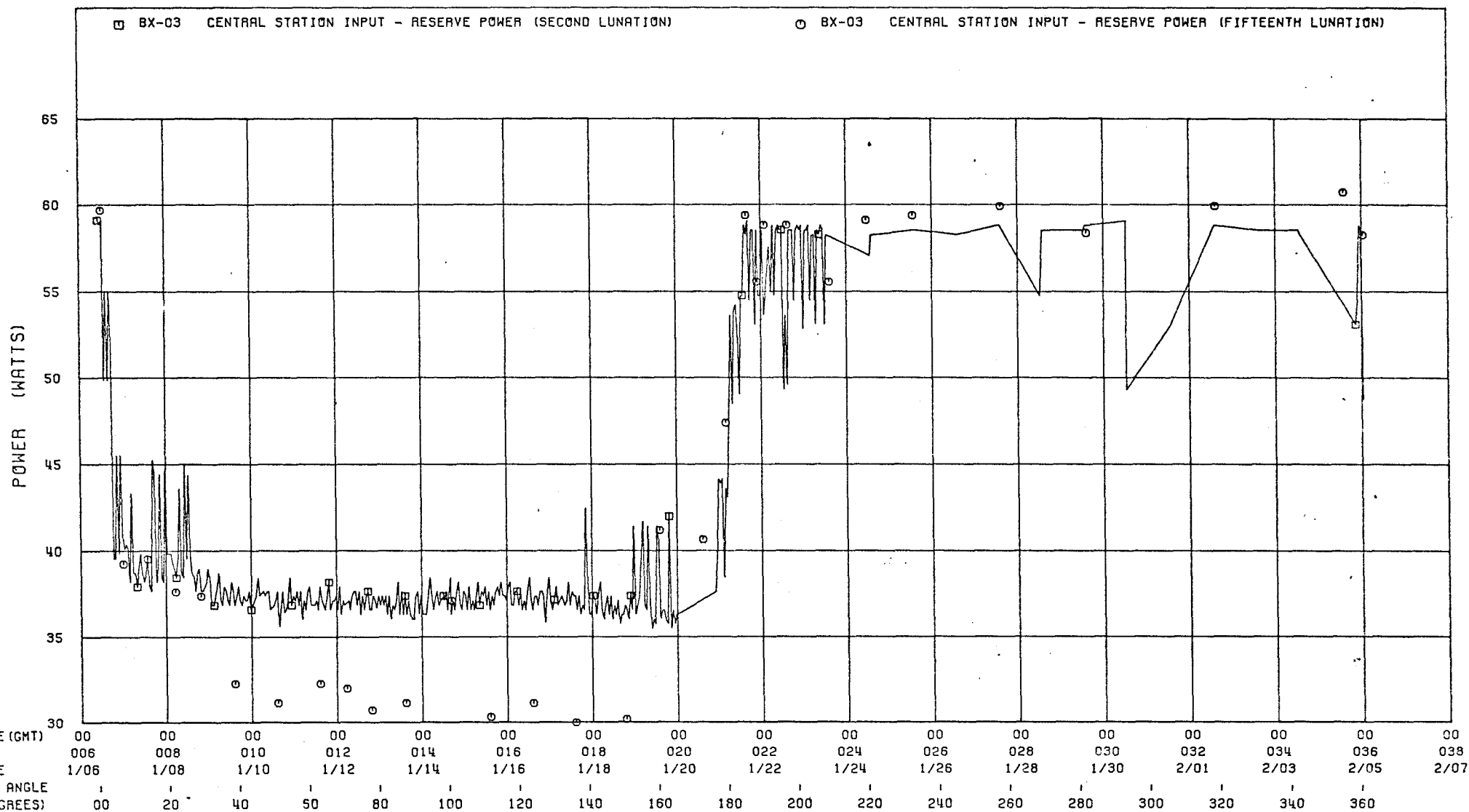
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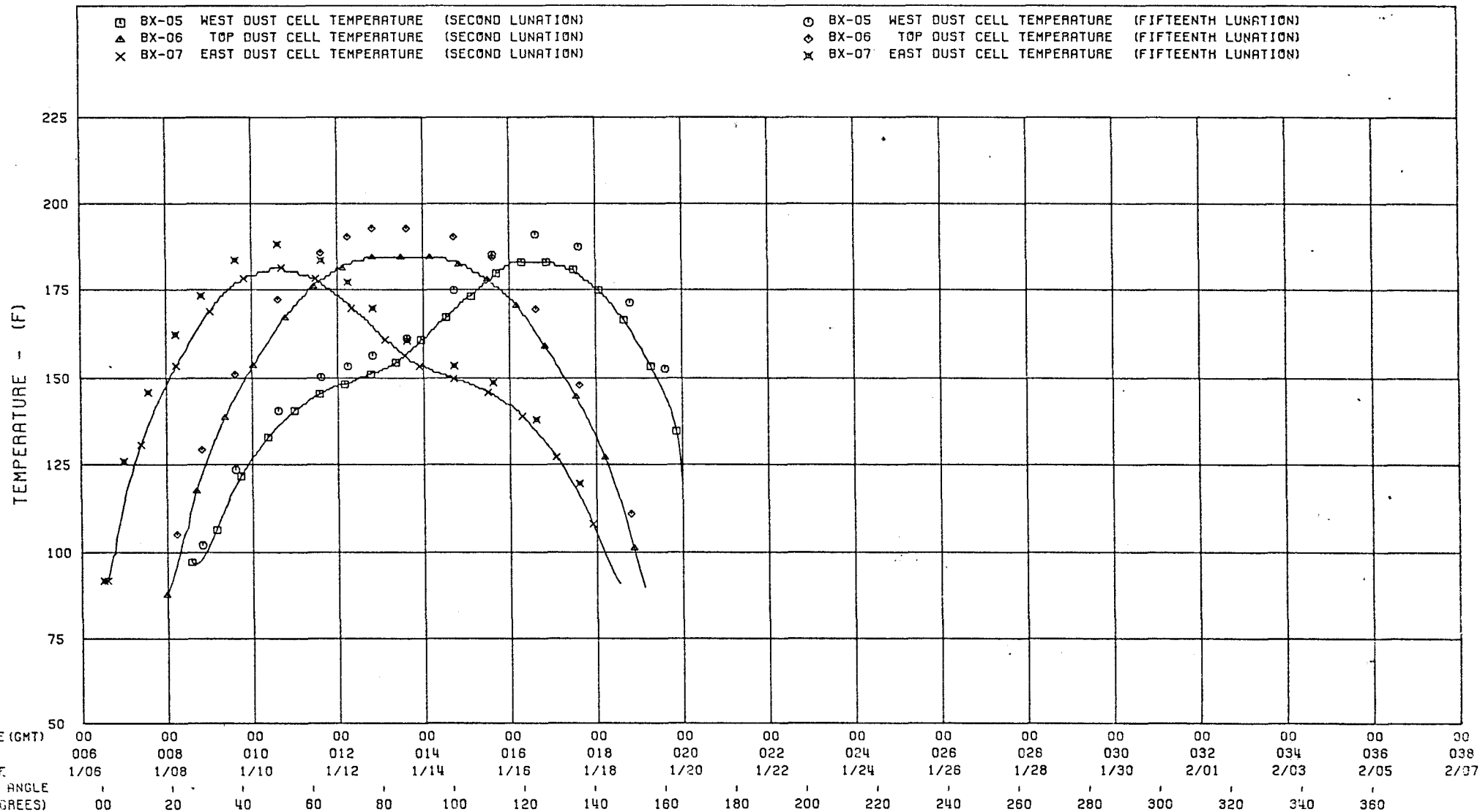
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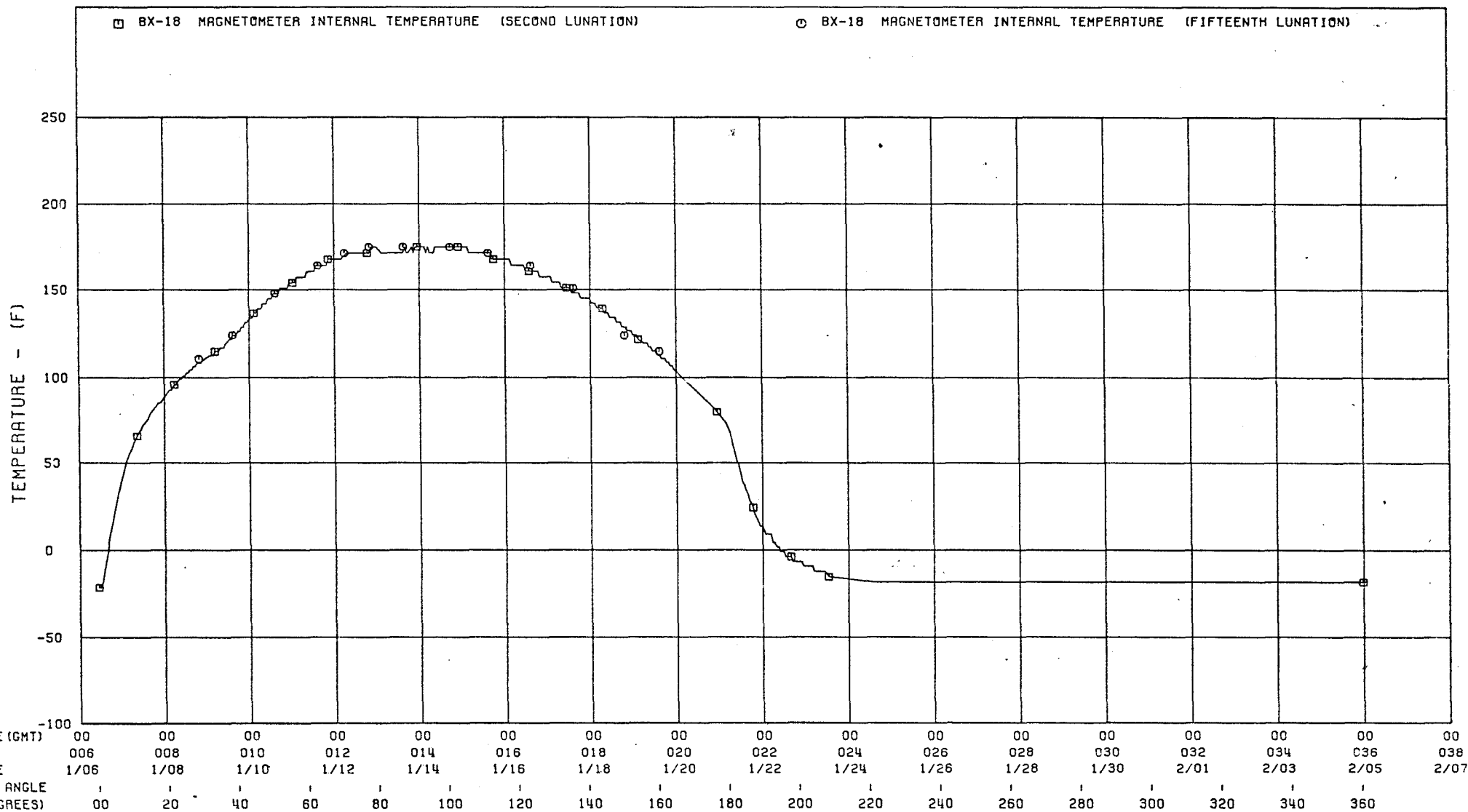
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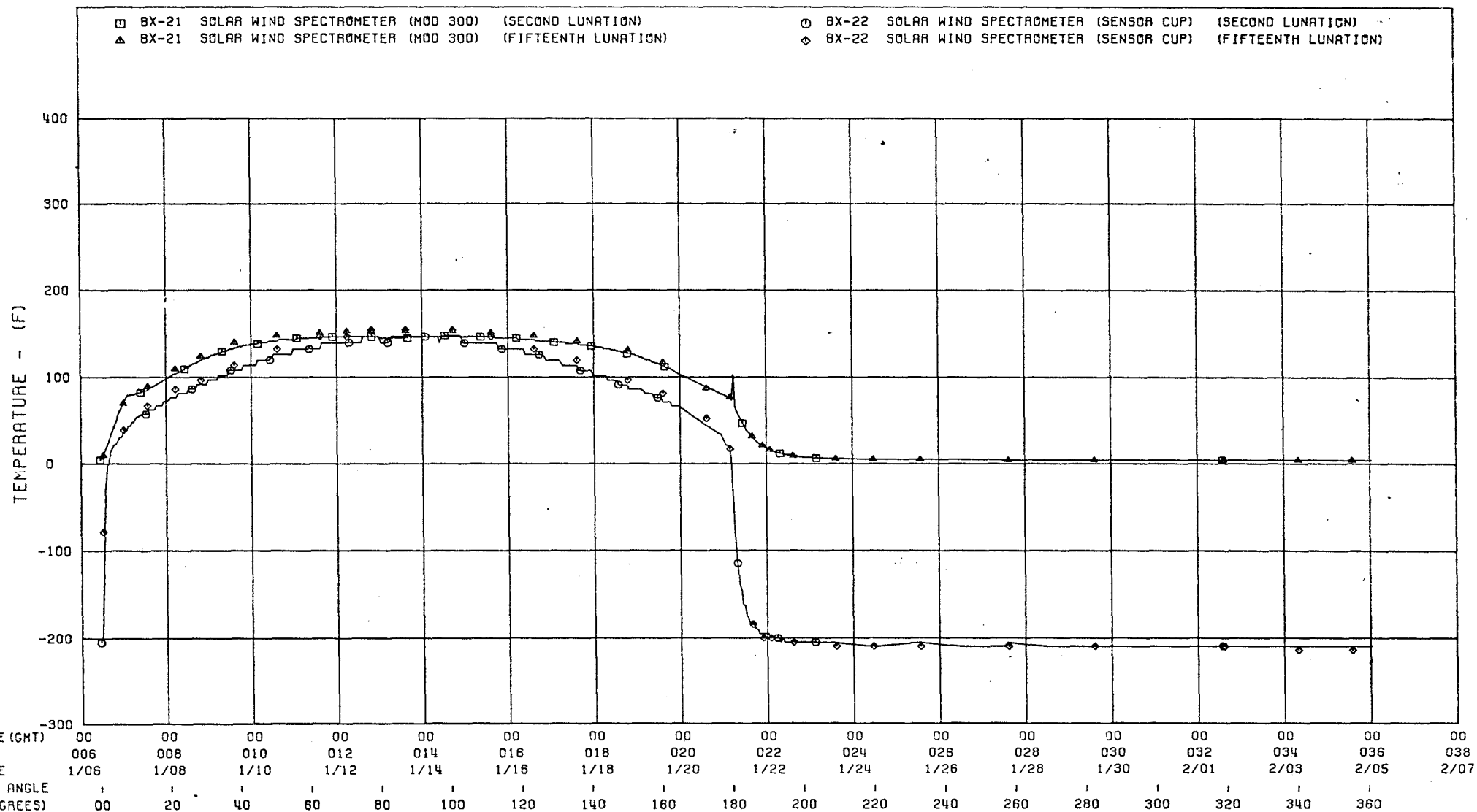
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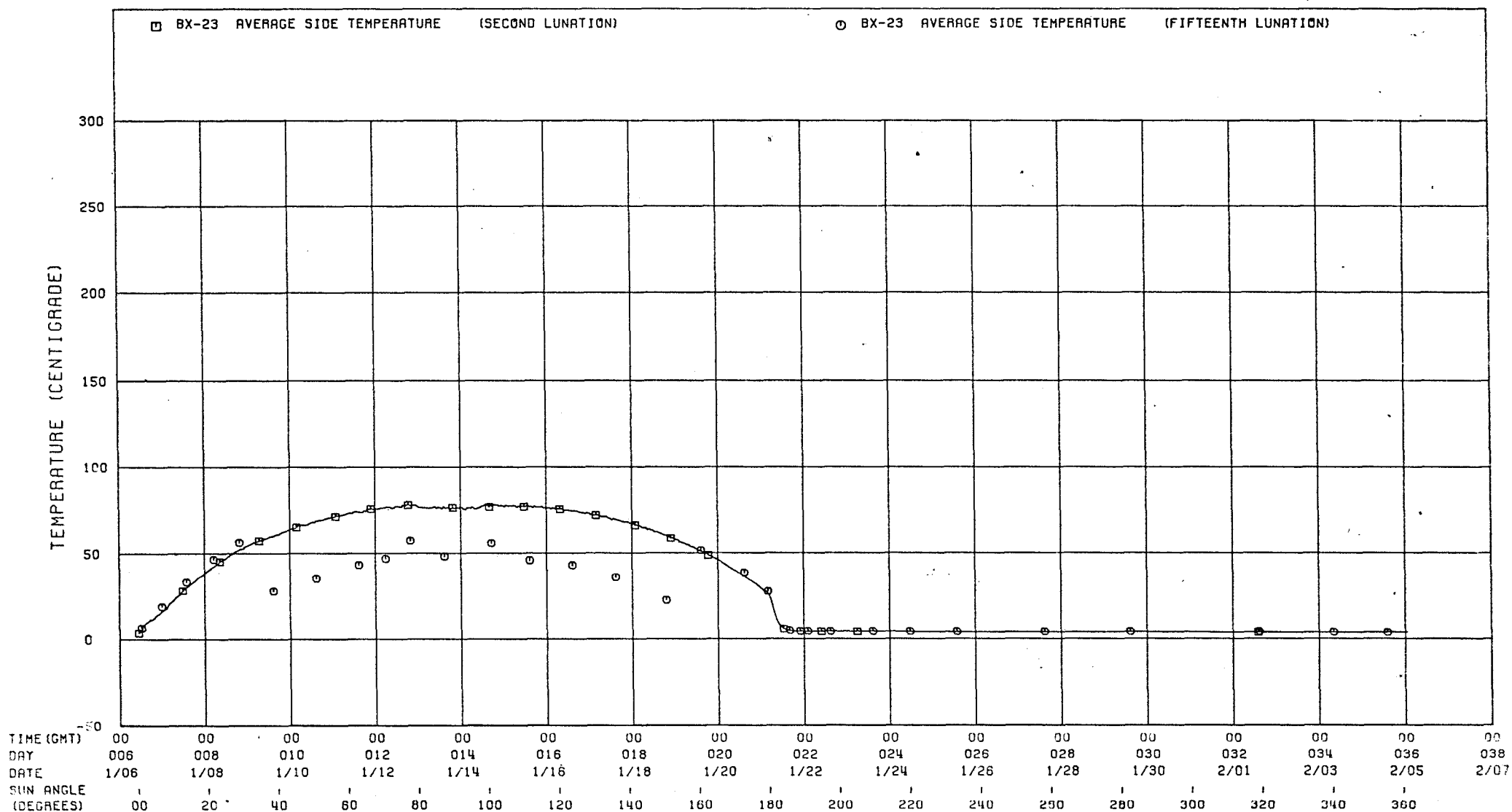
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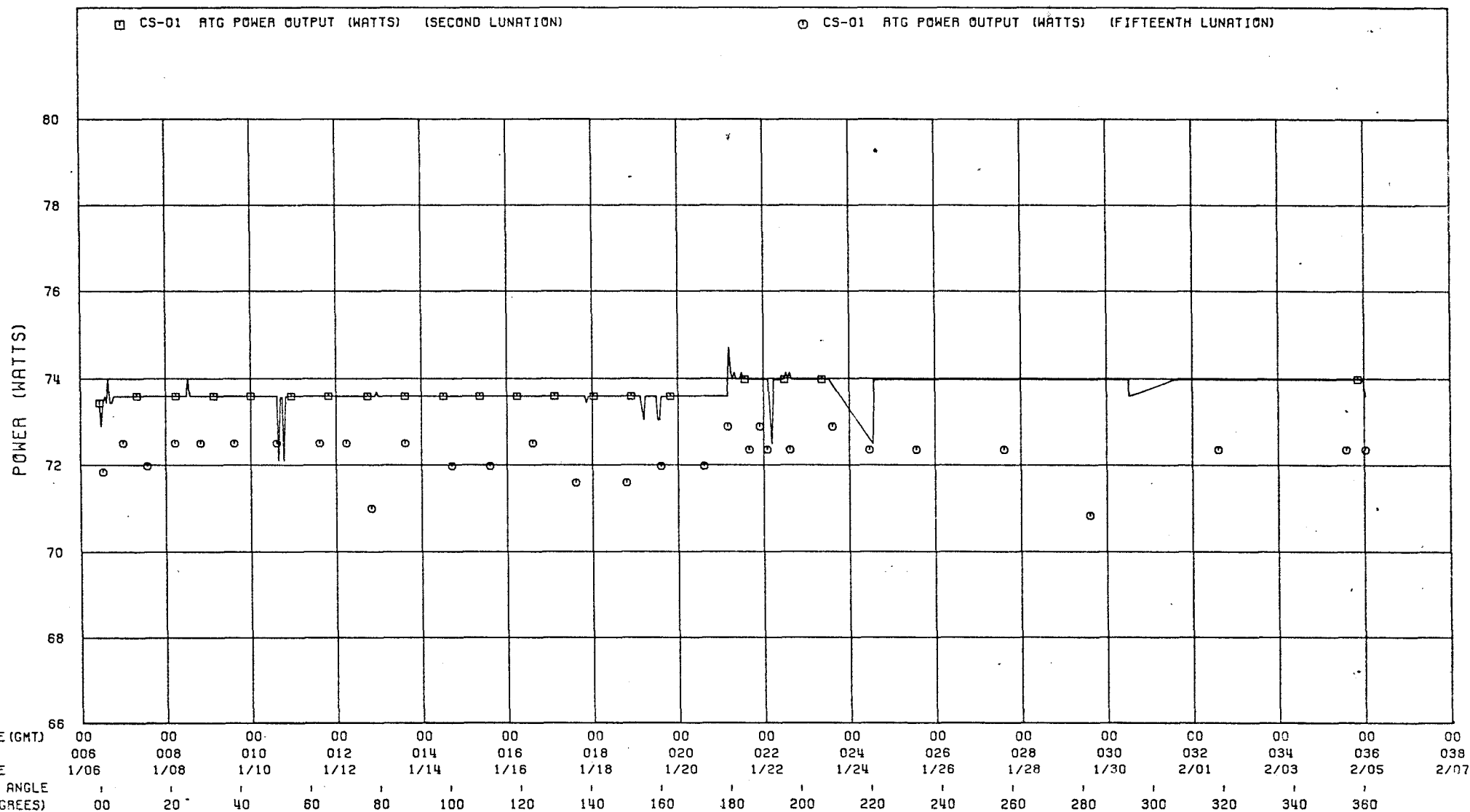
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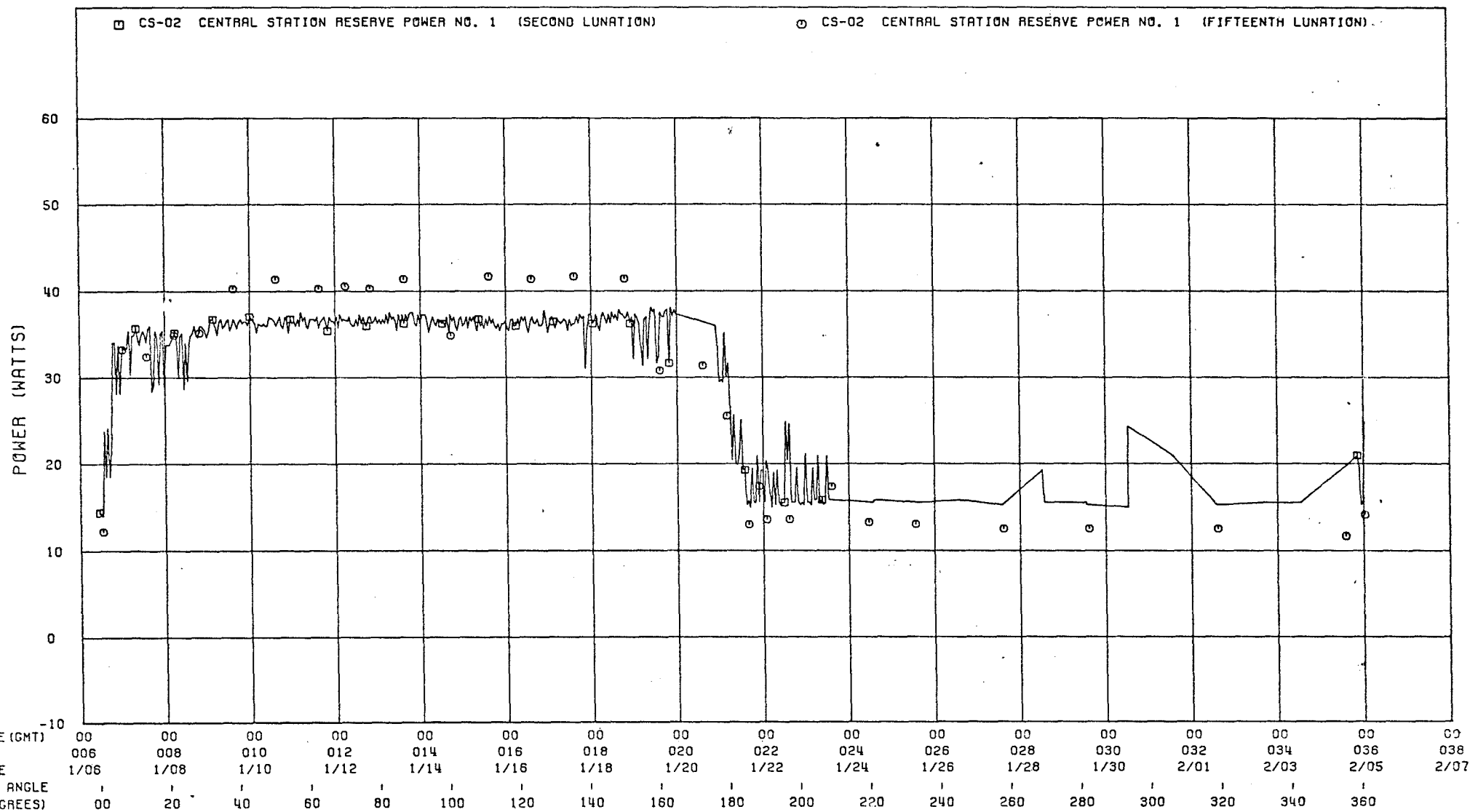
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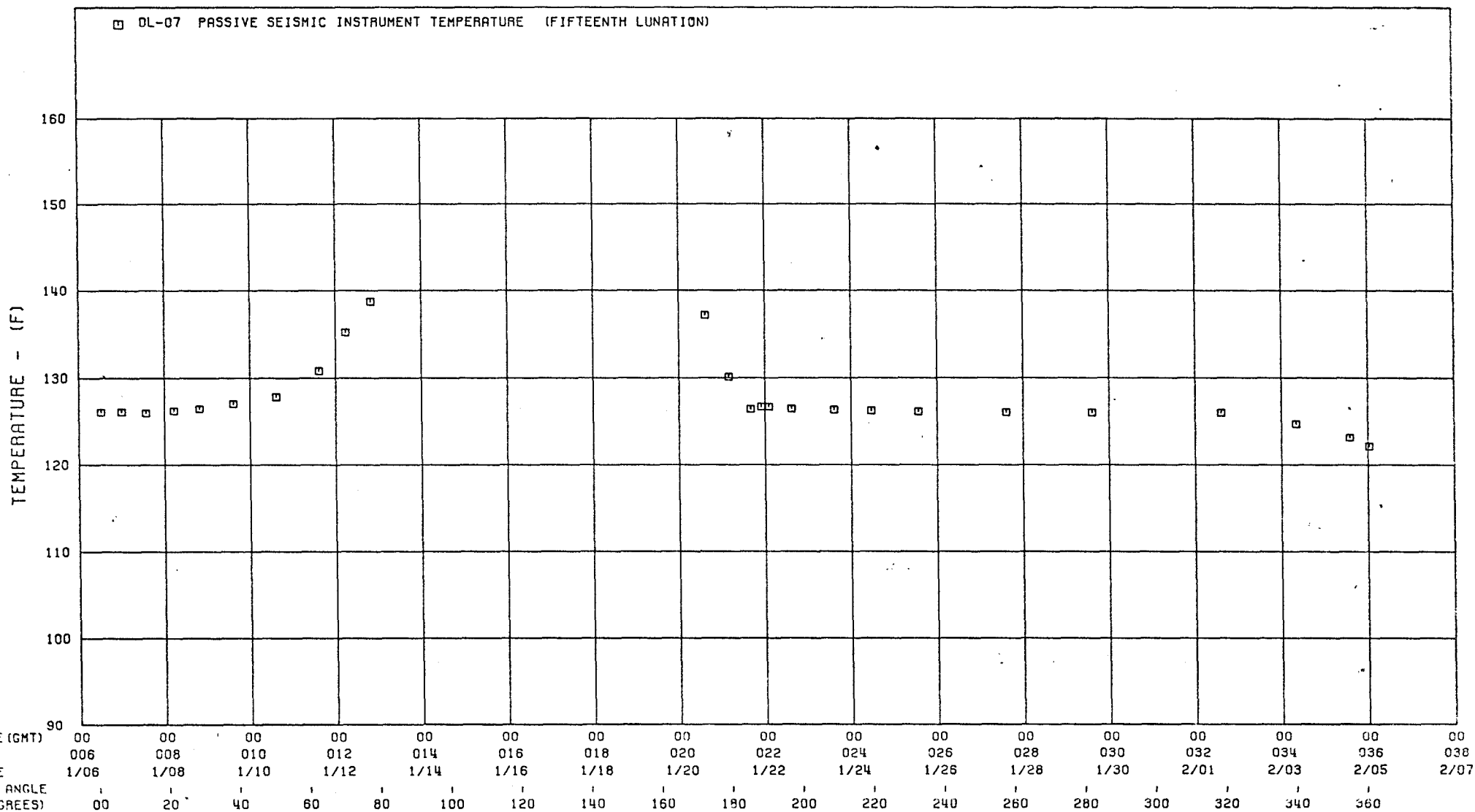
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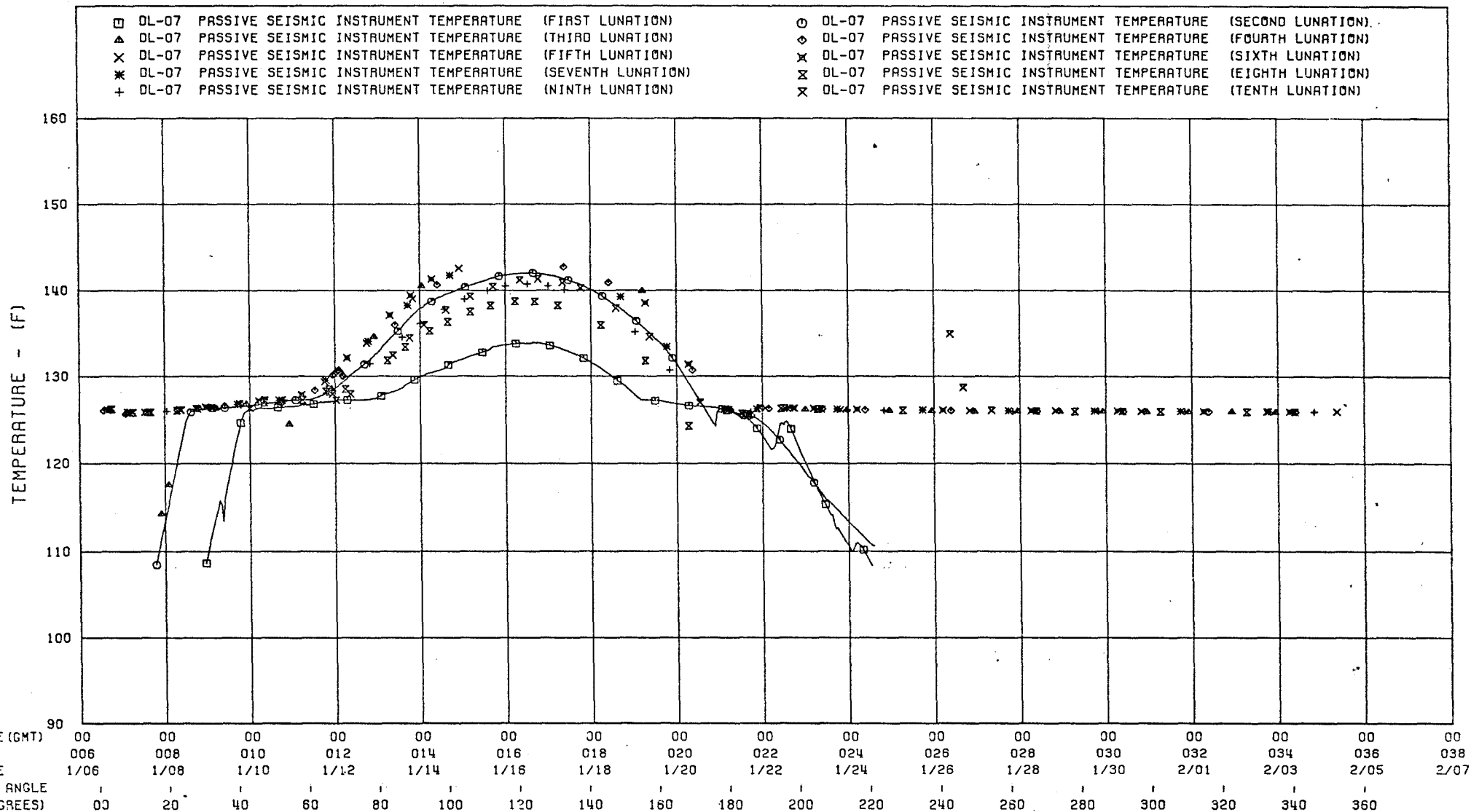
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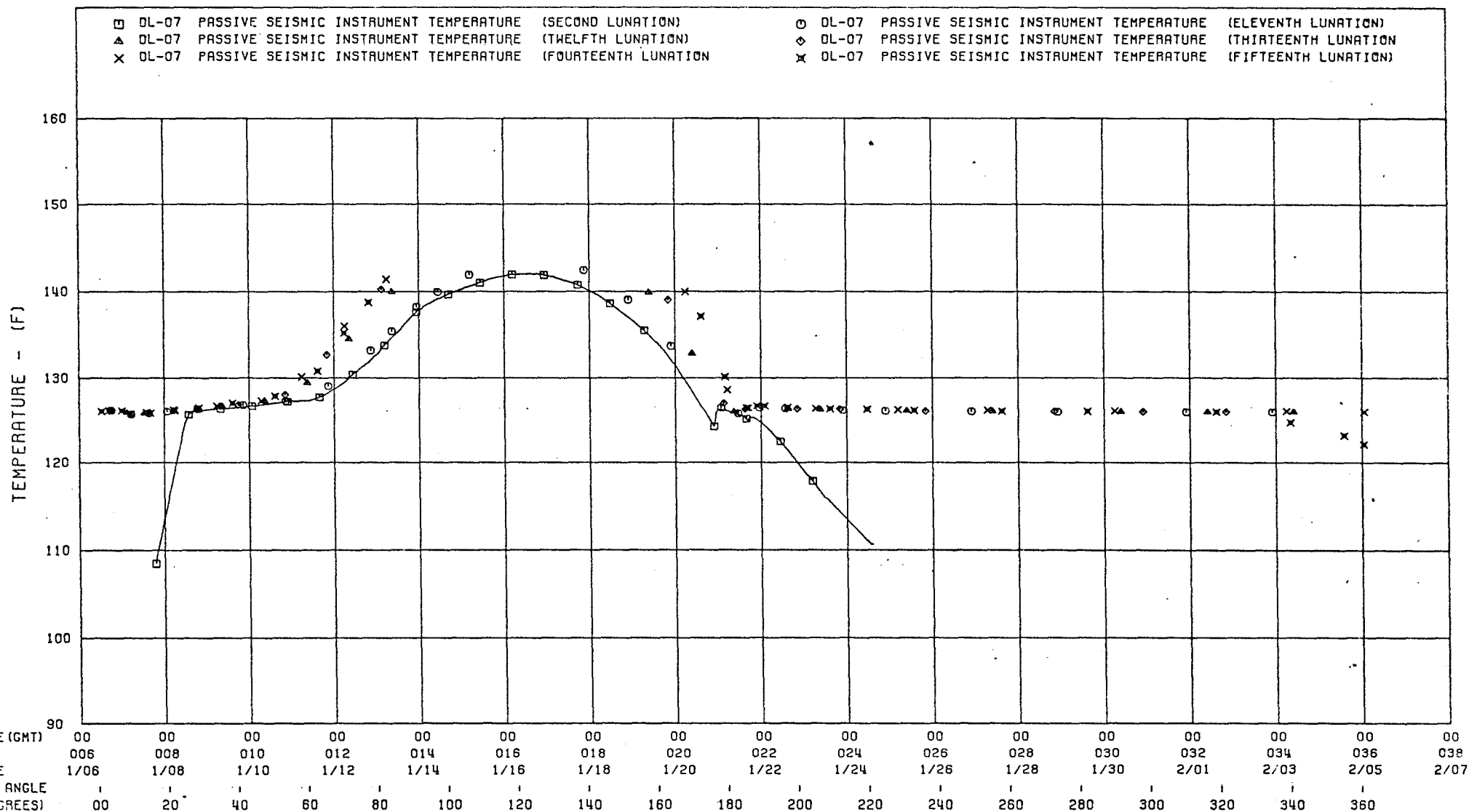
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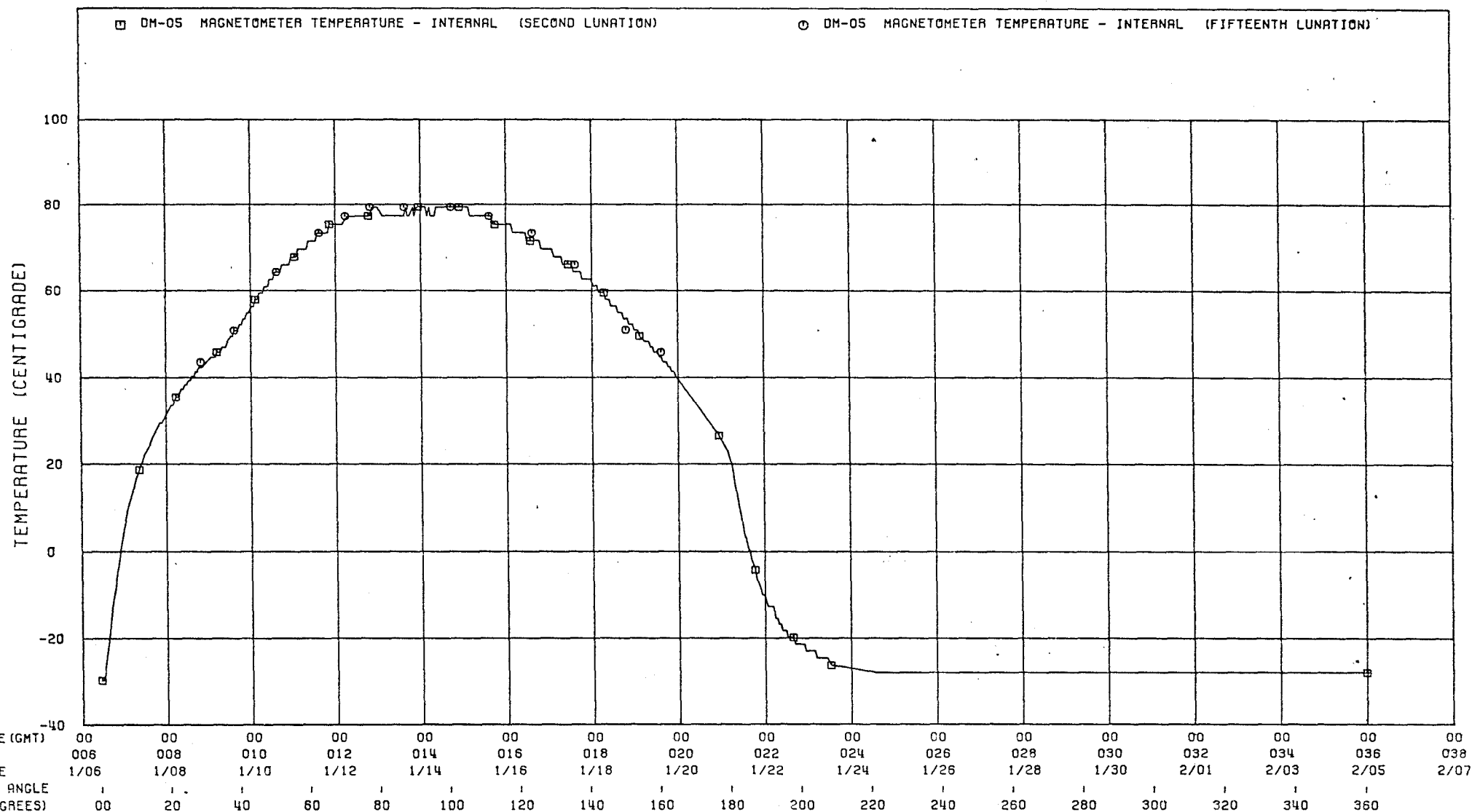
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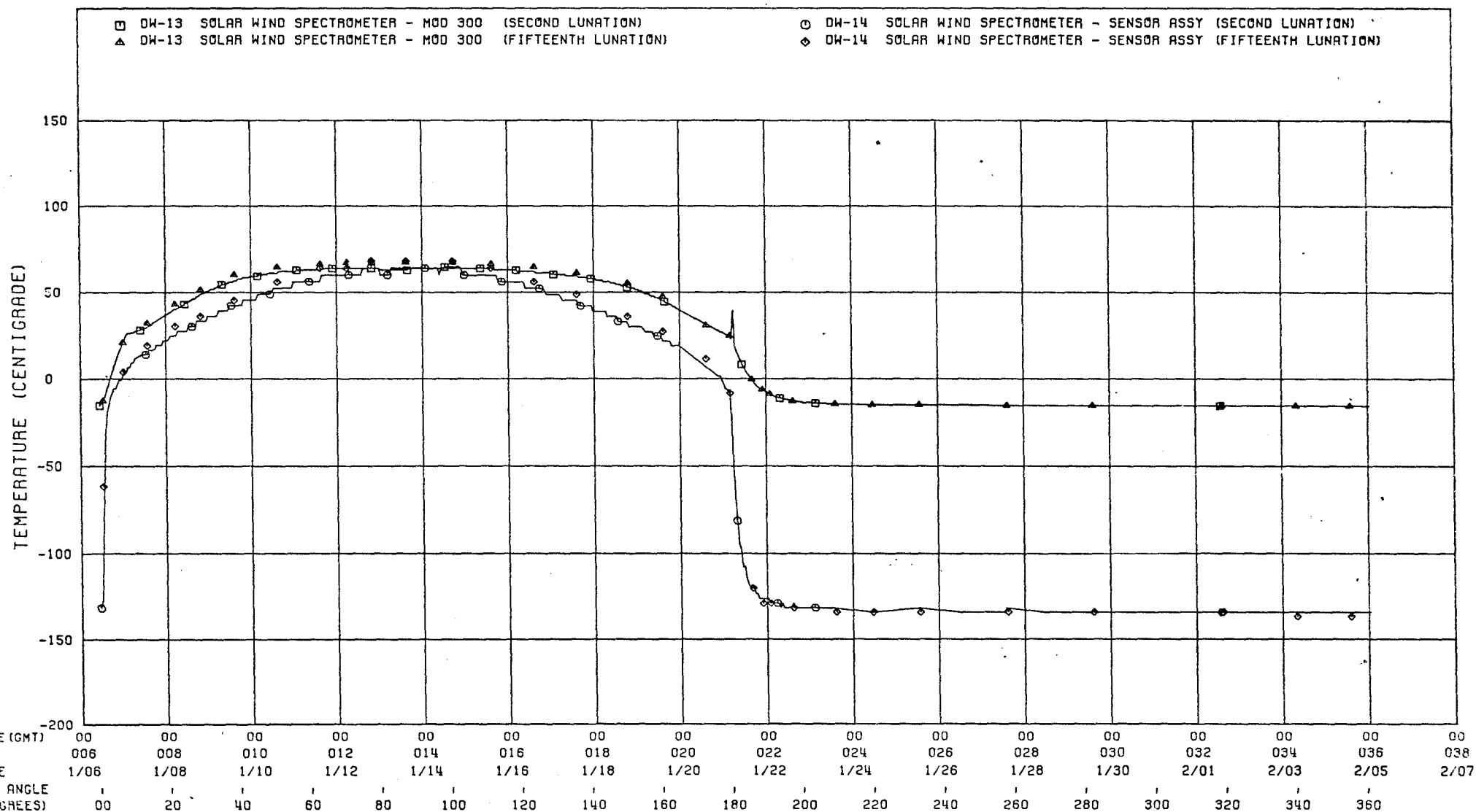
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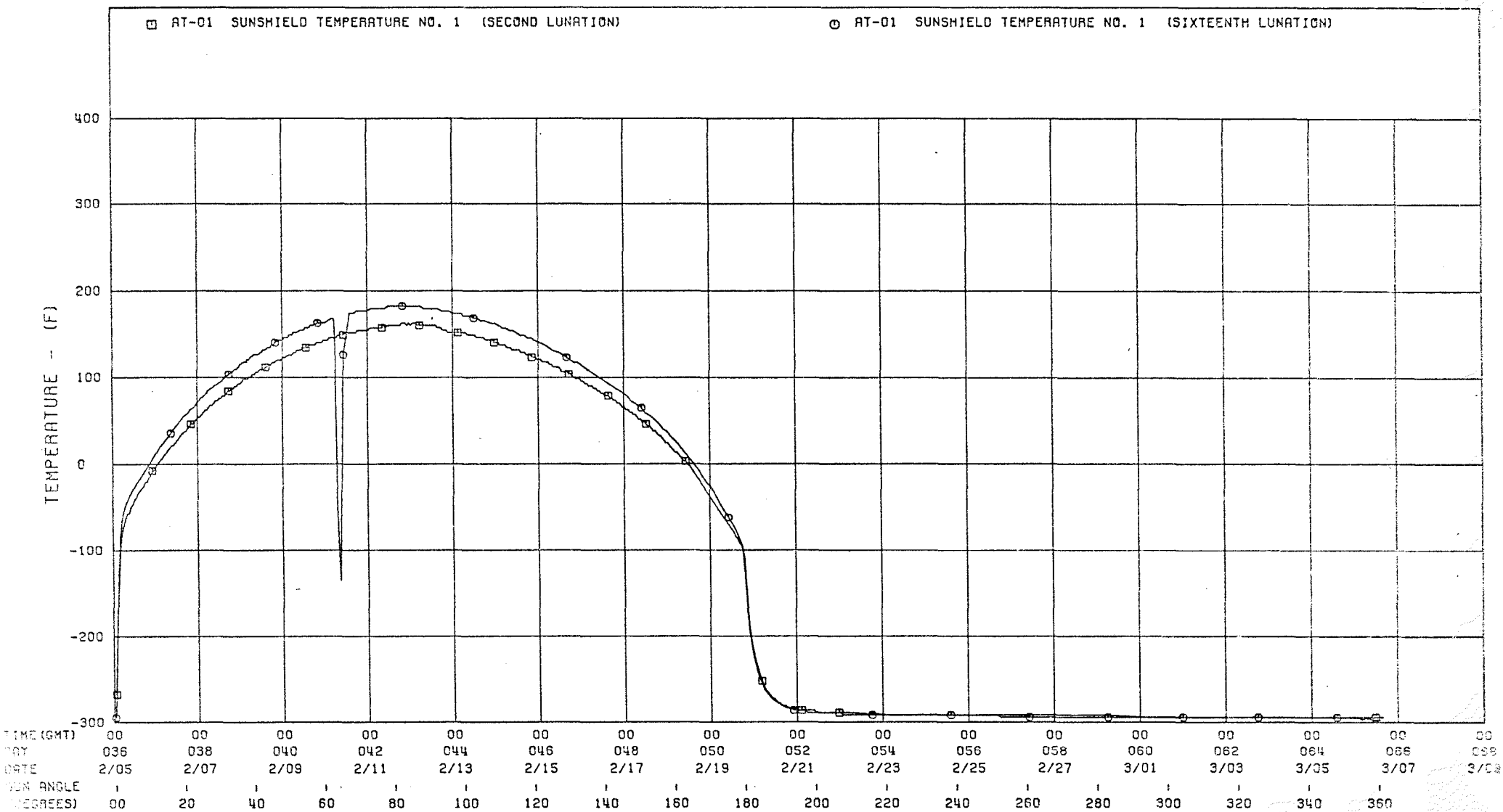
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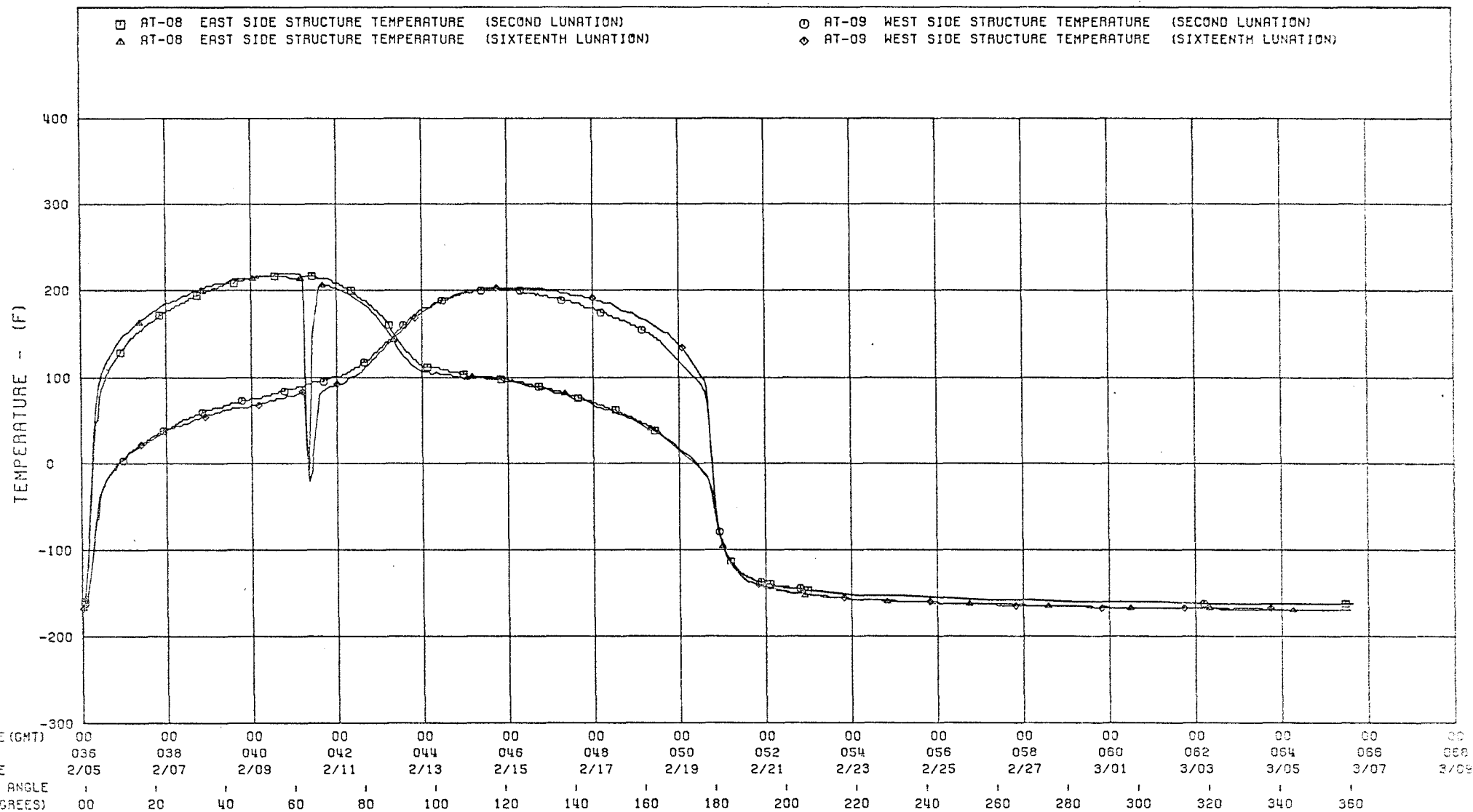
Can you verify (as exp) the marked point on graph of DM-05 (second last page)?  
 Aug.

R. Hill

BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 16 TH ALSEP LUNATION  
 SUNRISE DAY 036 (FEBRUARY 5, 1971) AT 0045 GMT  
 SUNRISE DAY 065 ( MARCH 6, 1971) AT 1451 GMT

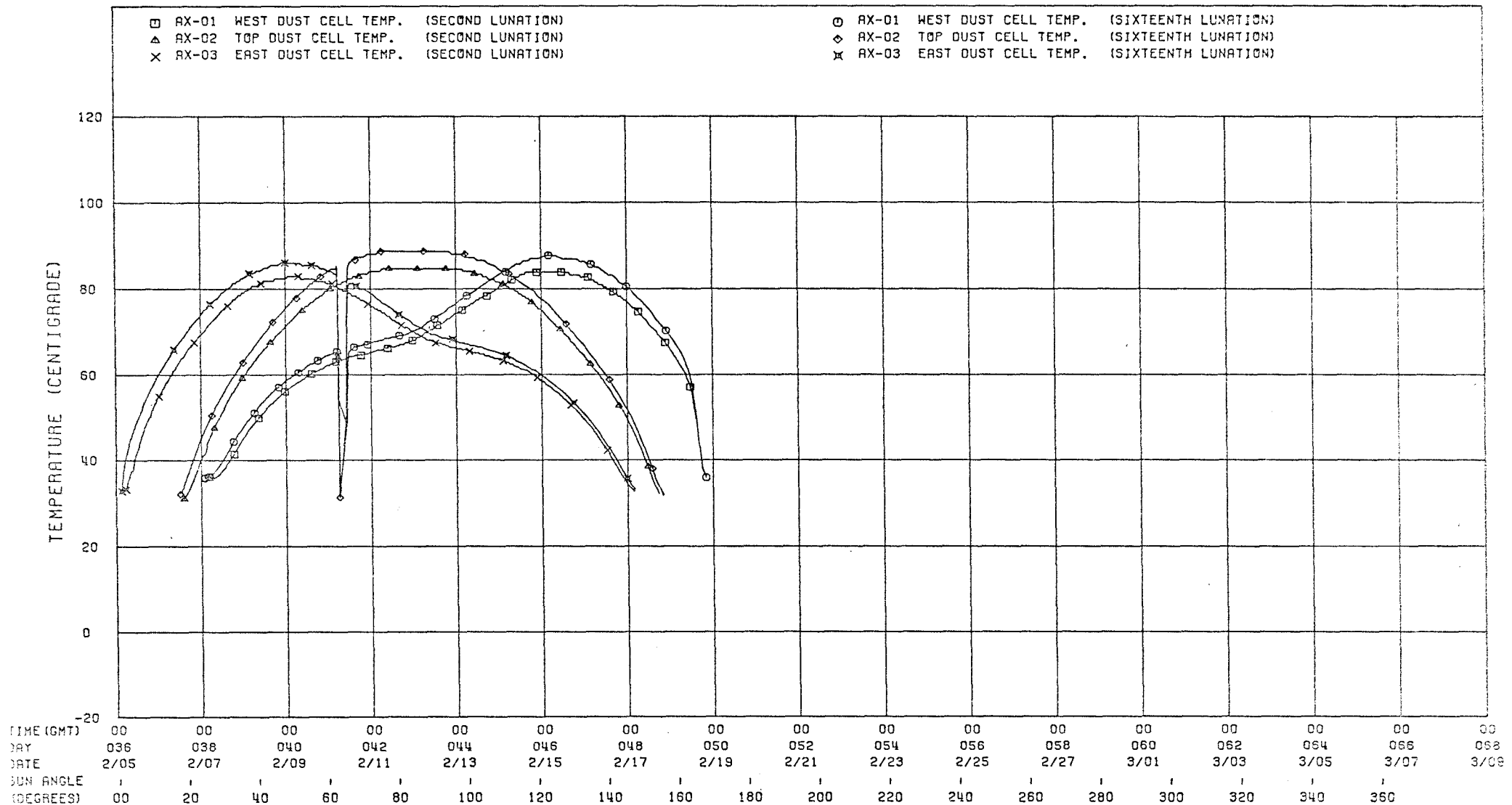


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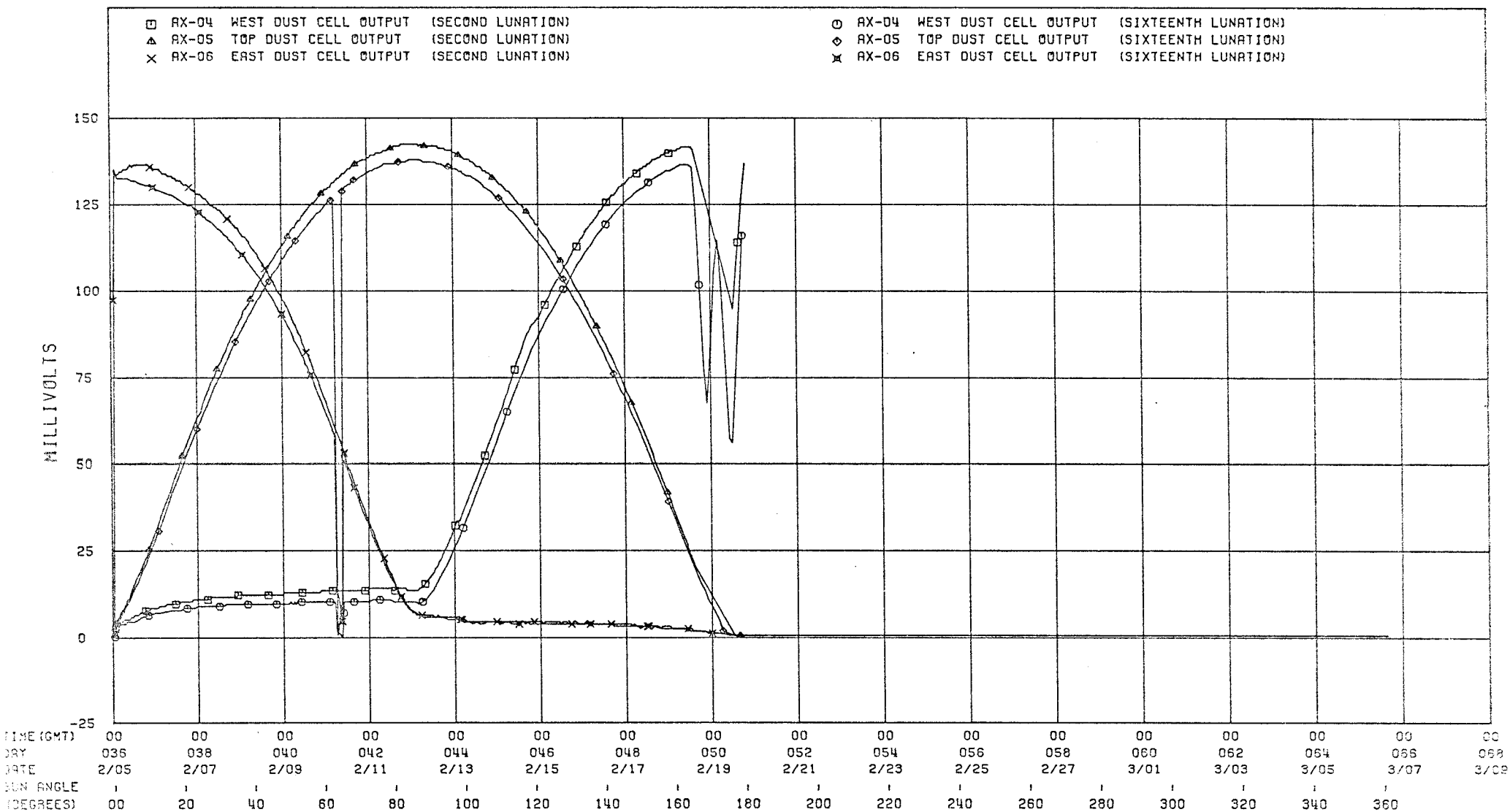




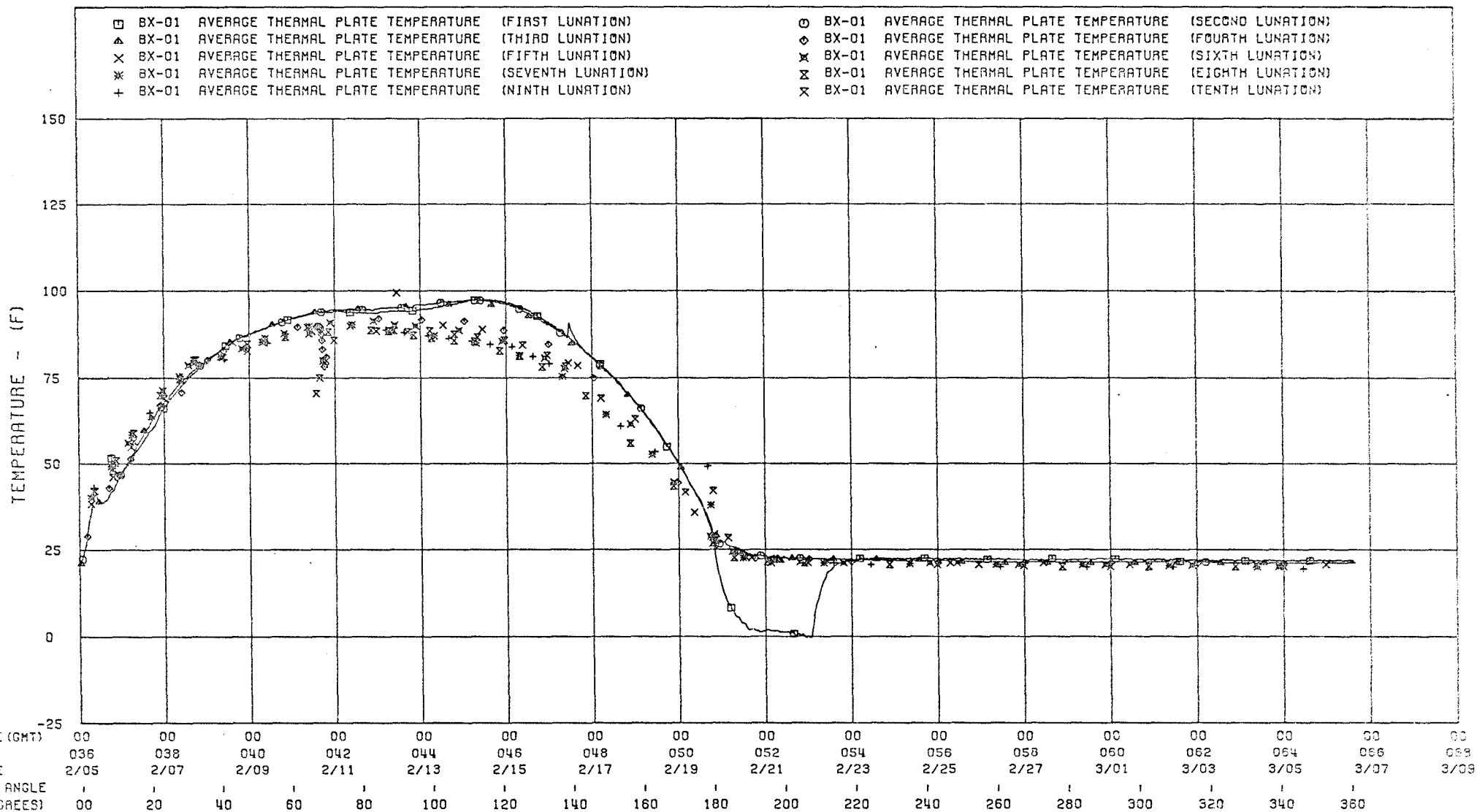
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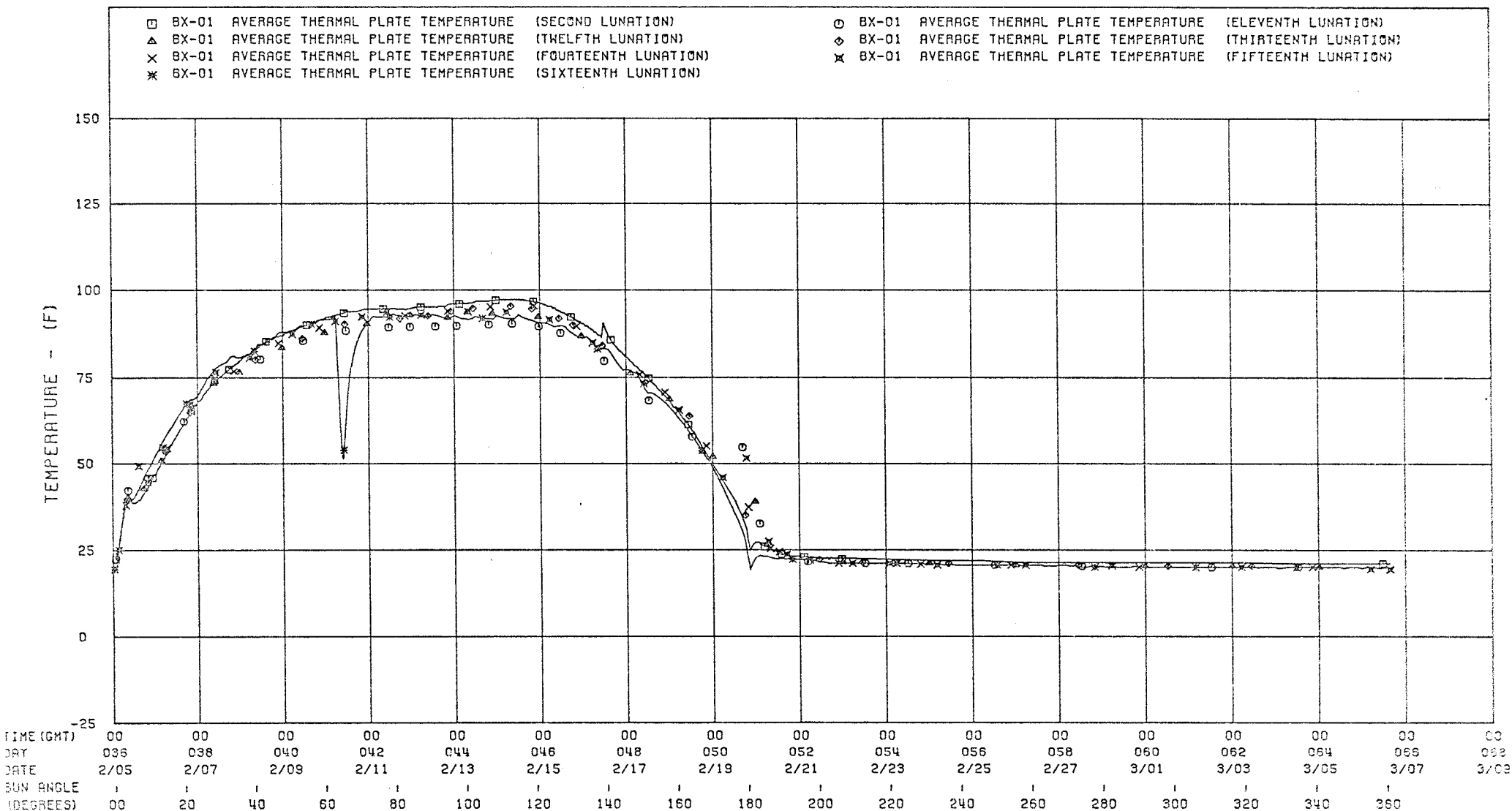
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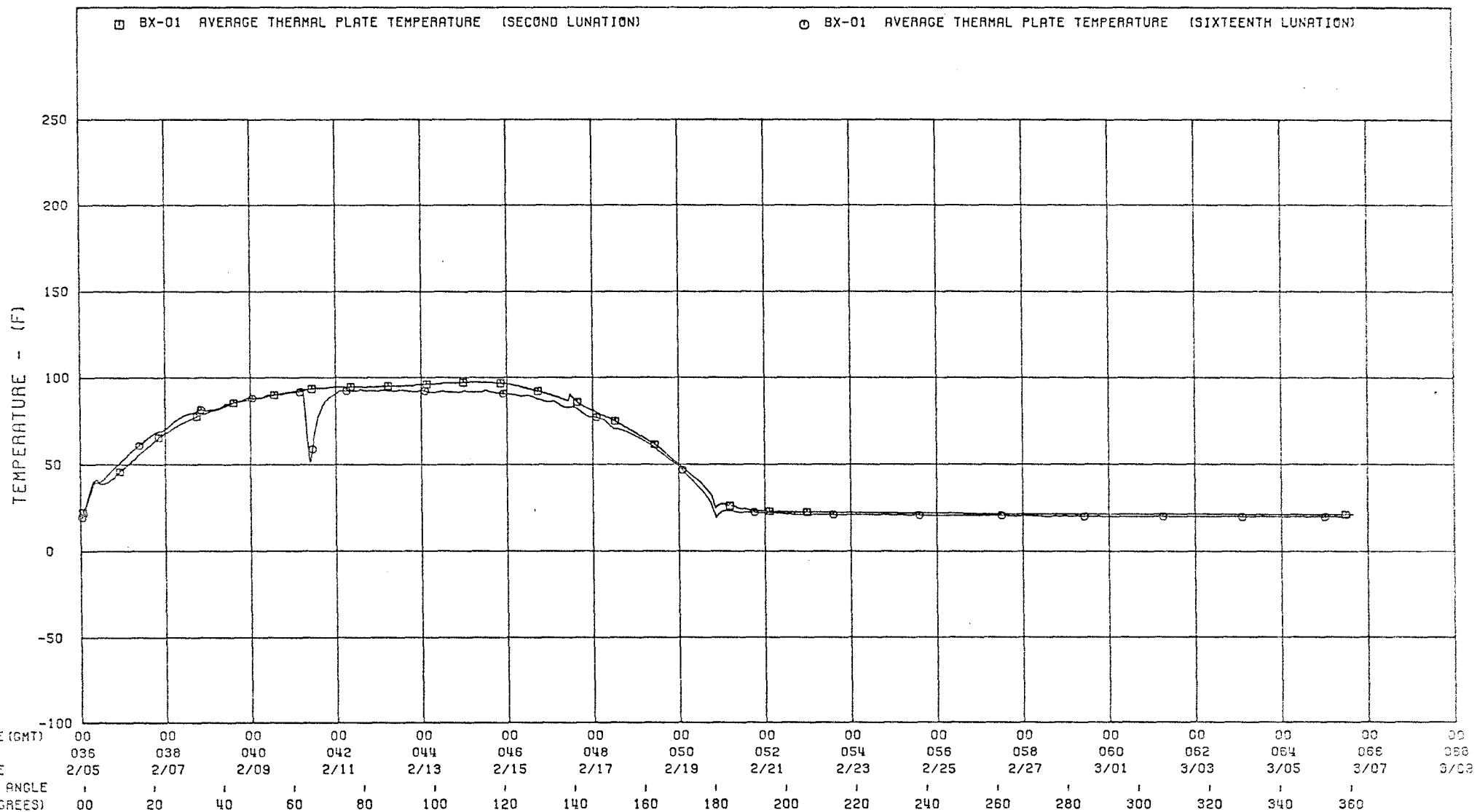
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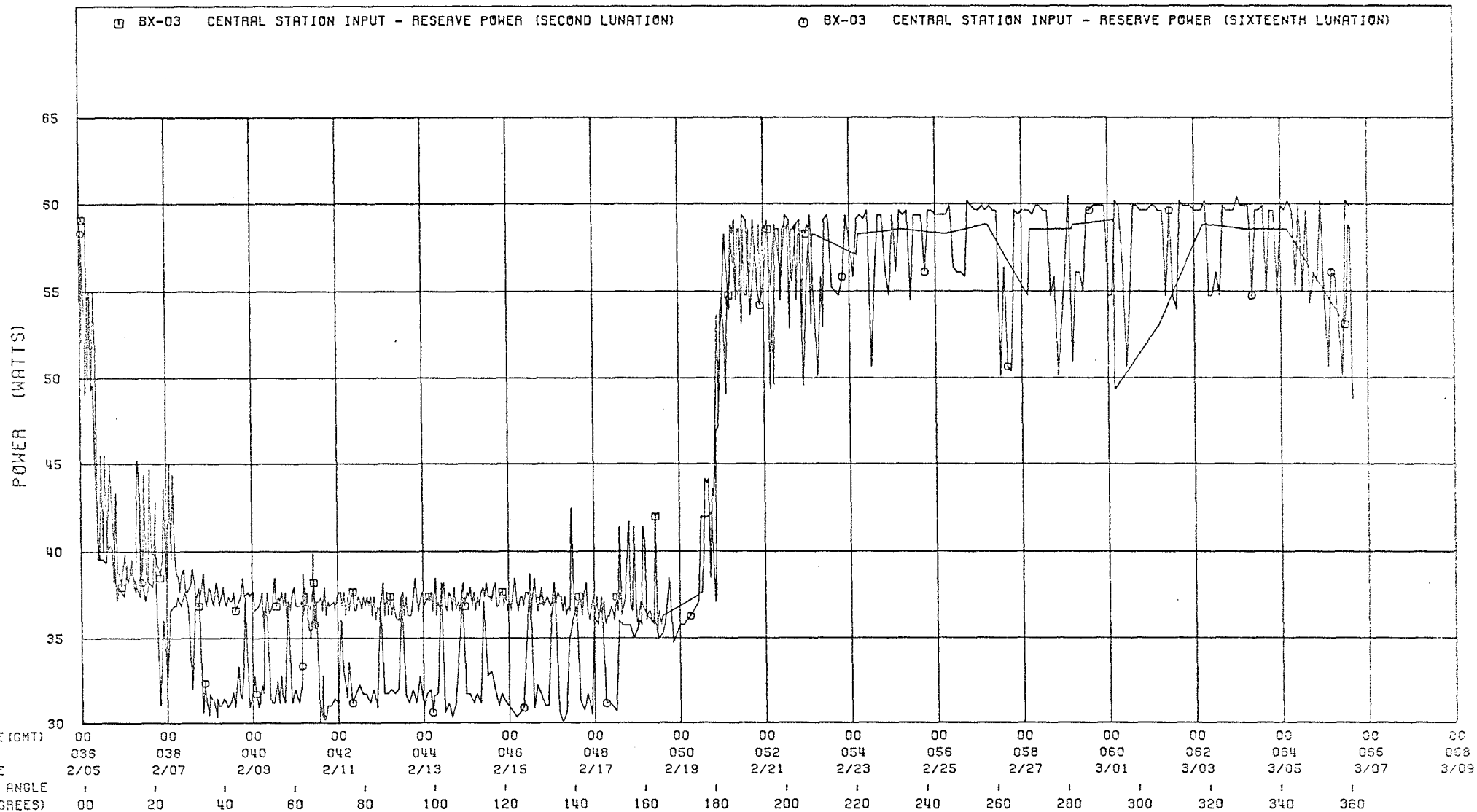
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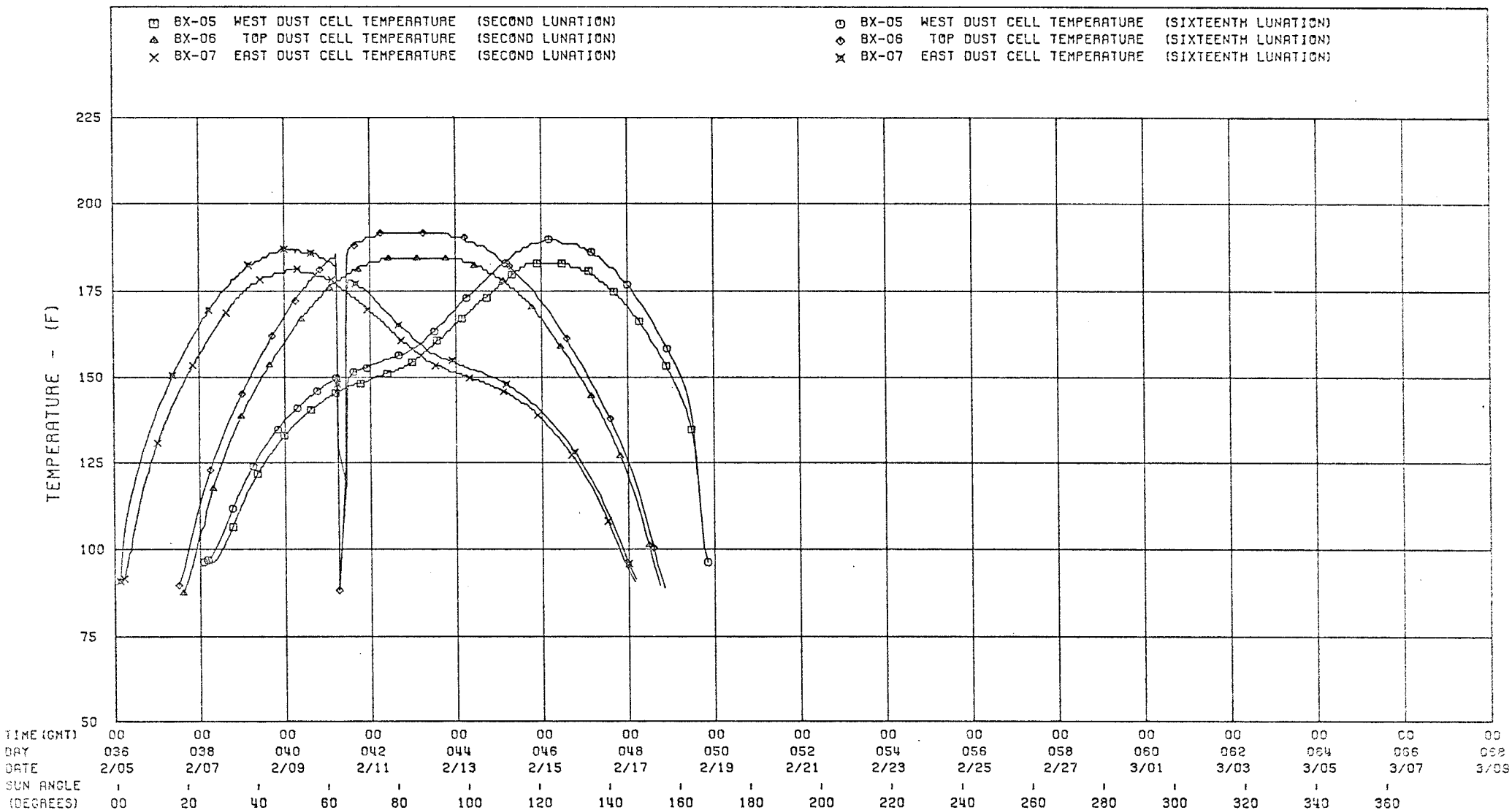
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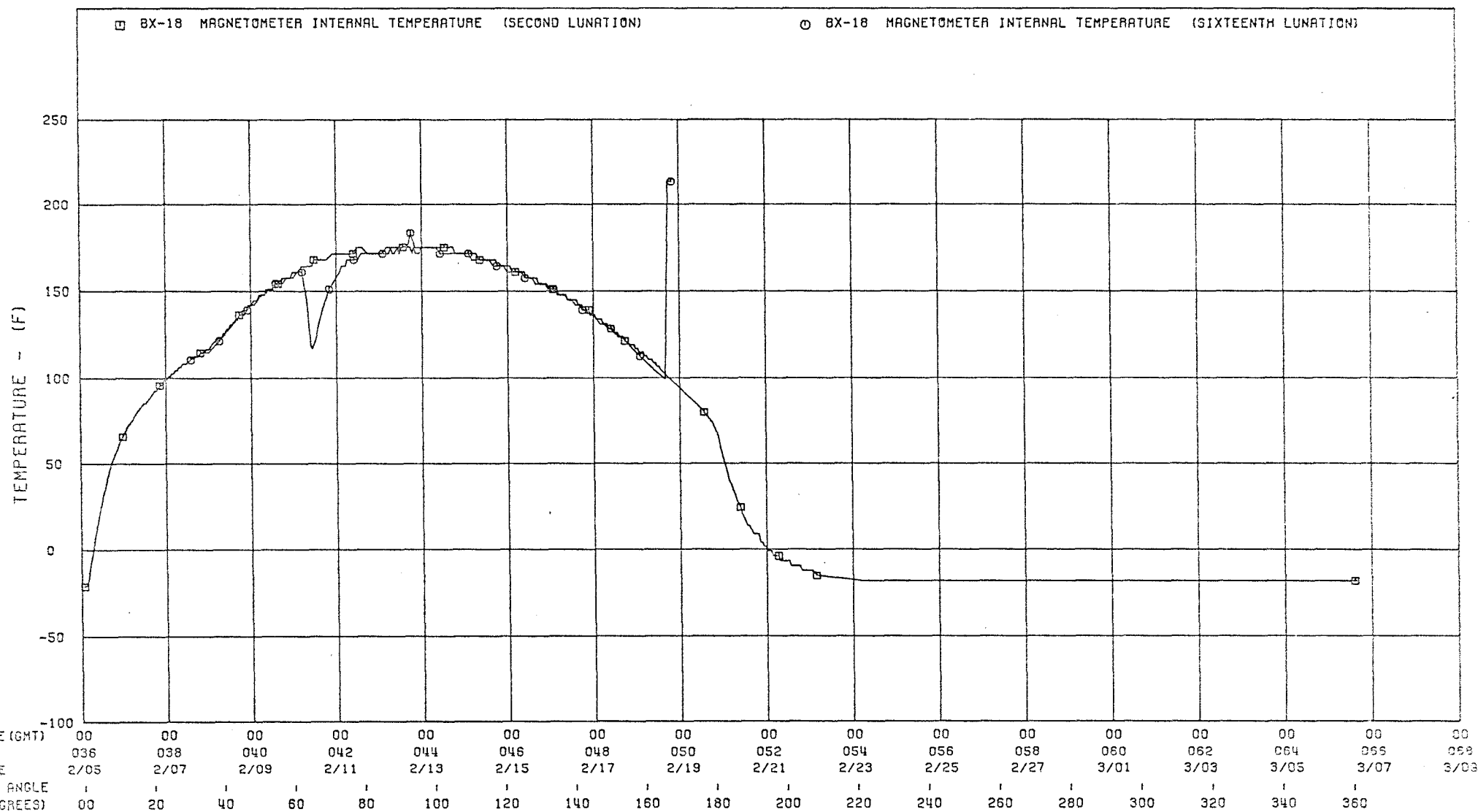
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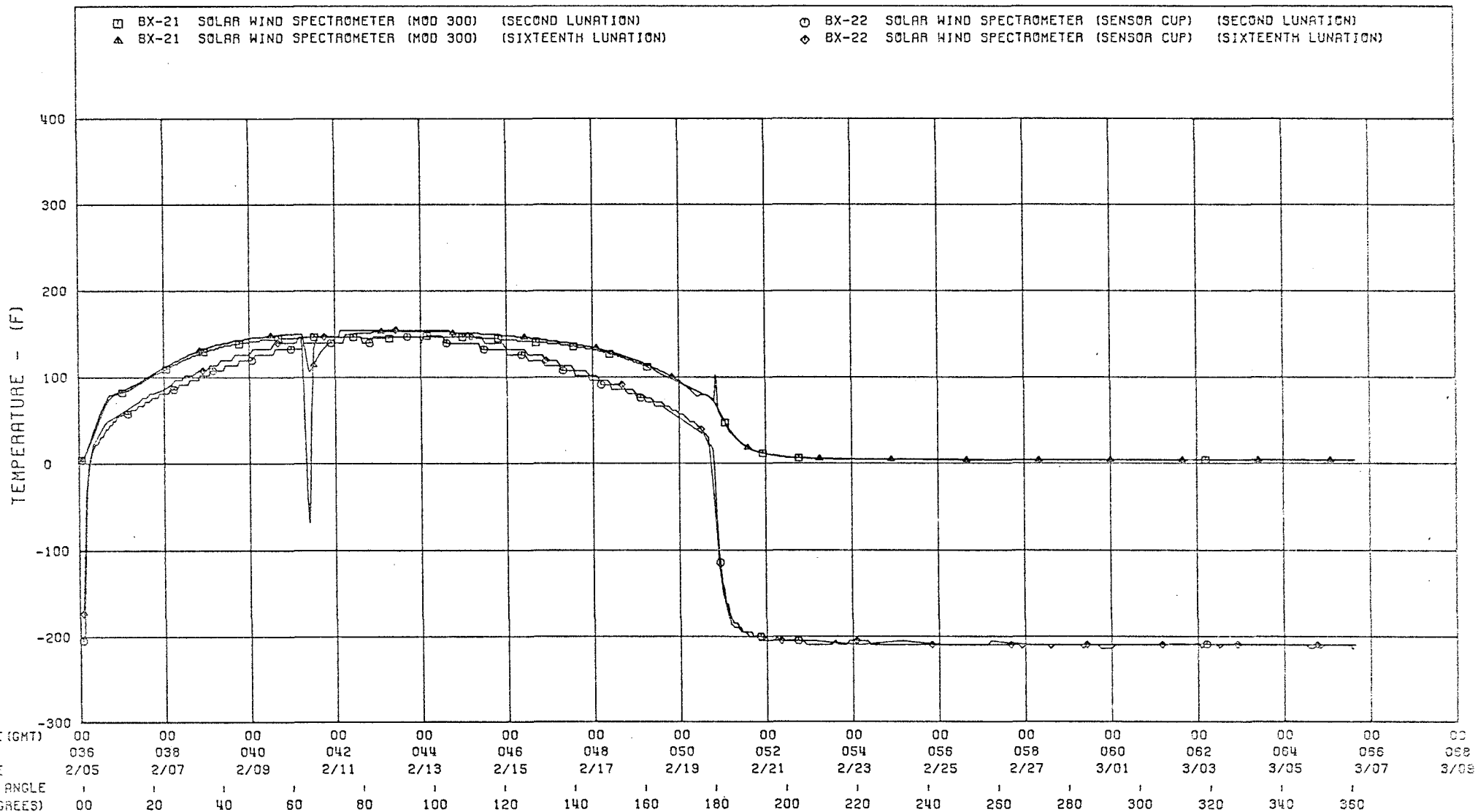
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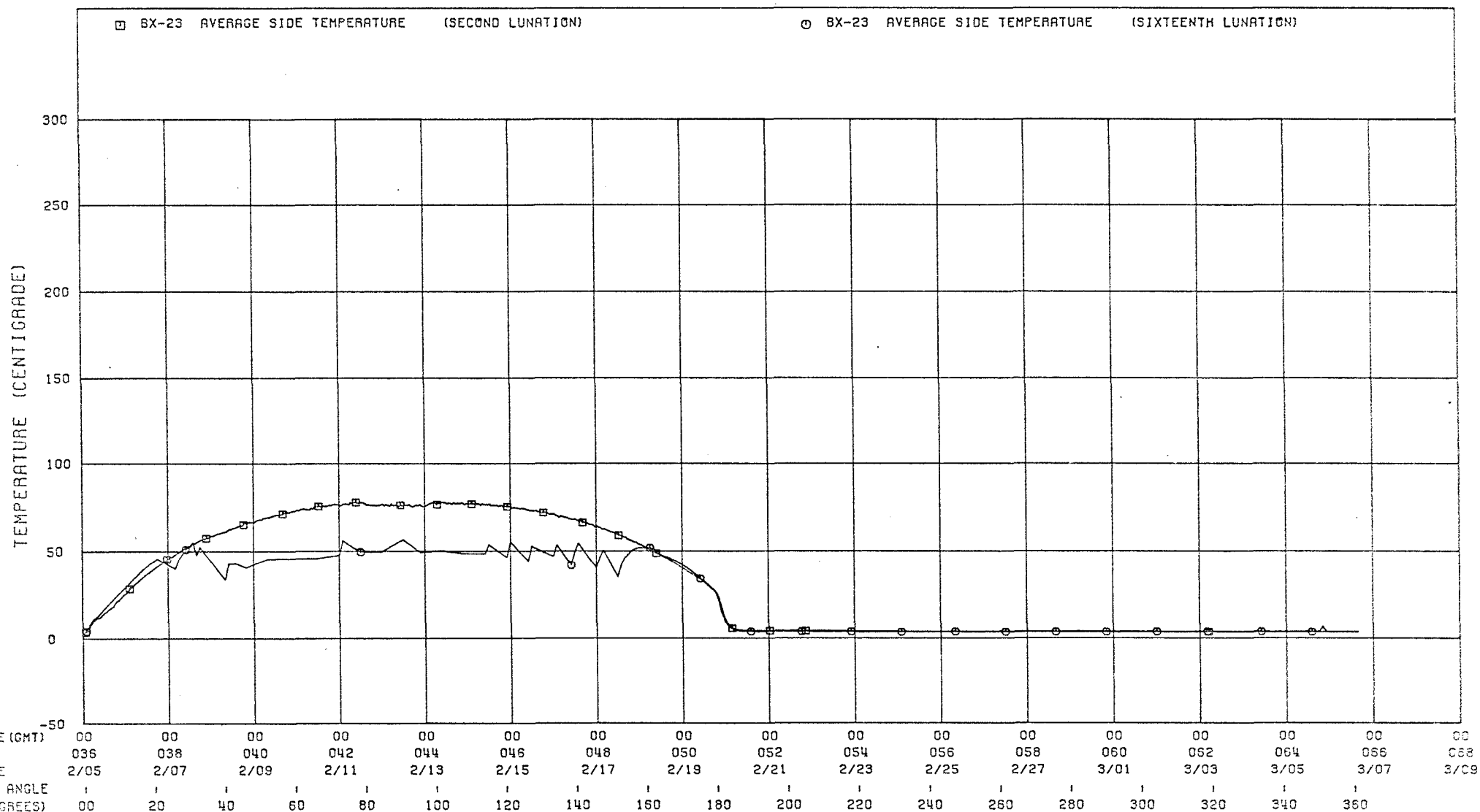
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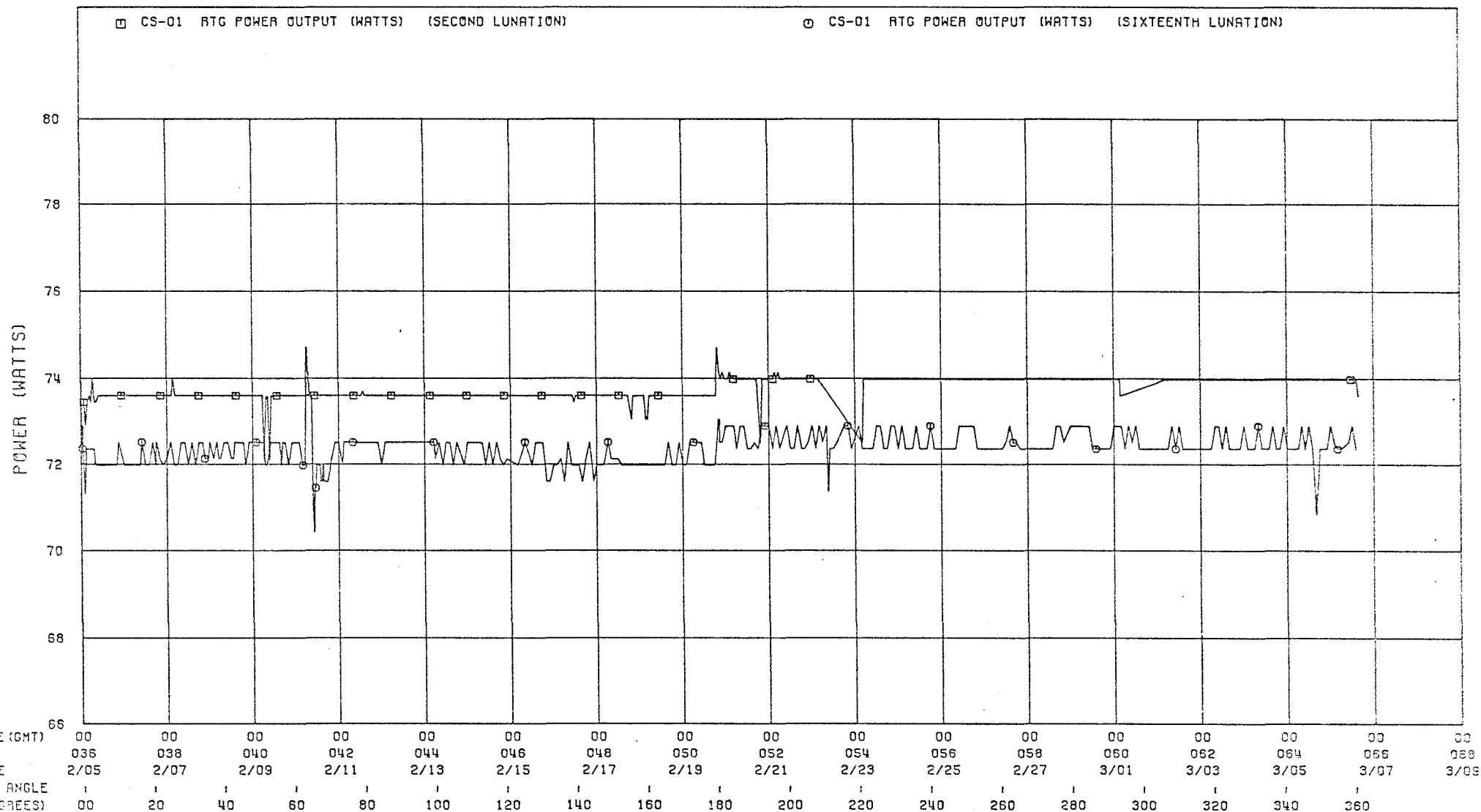
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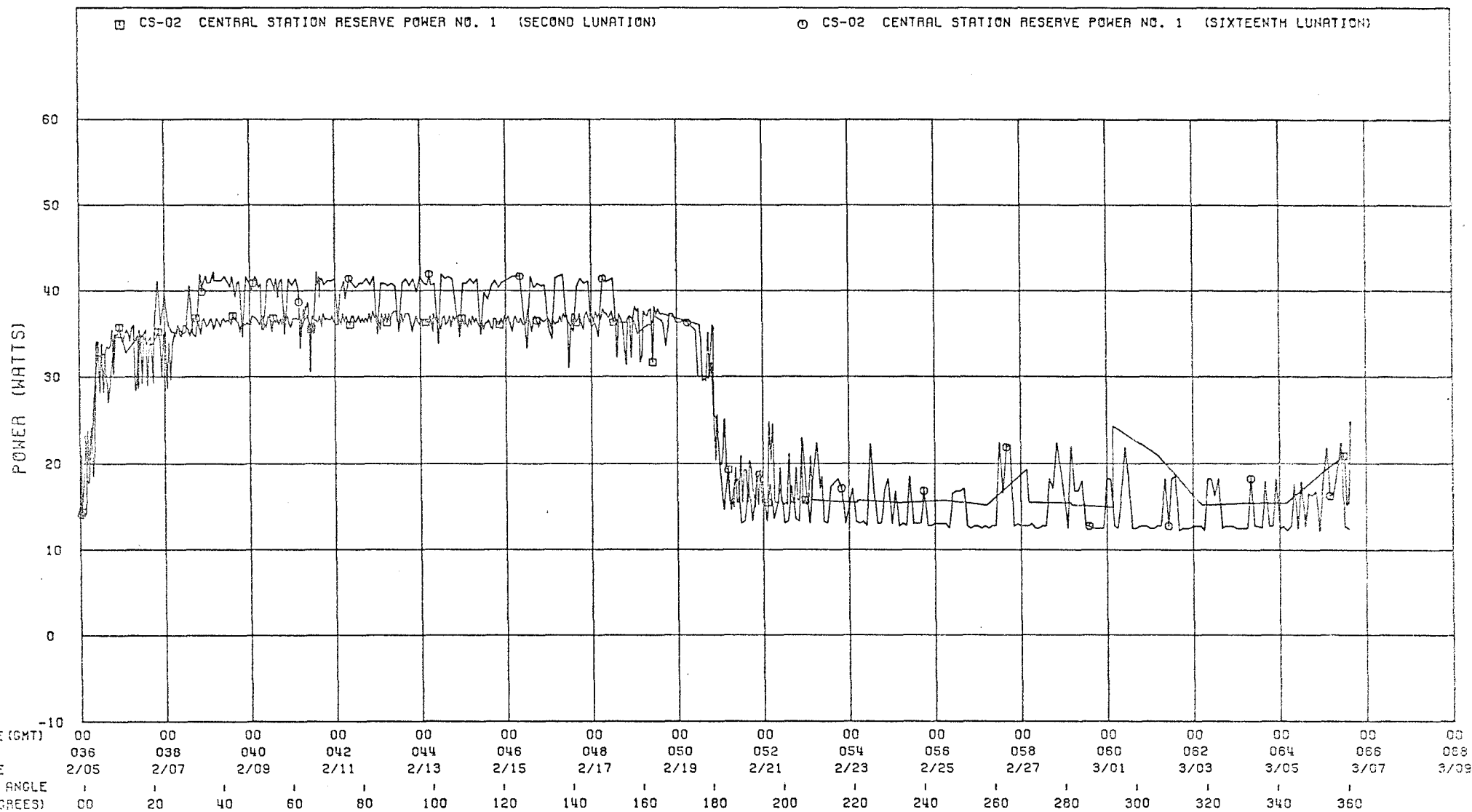
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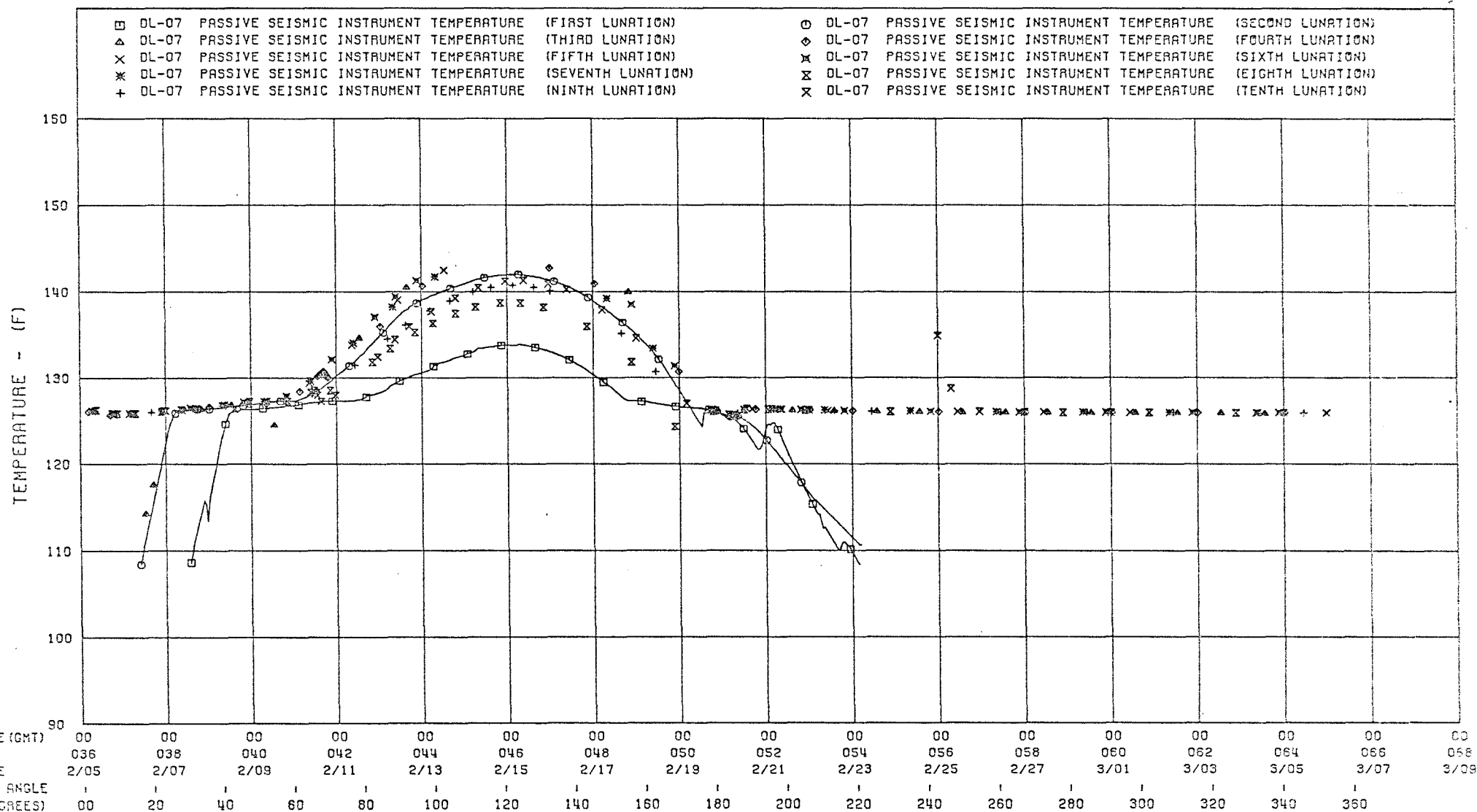
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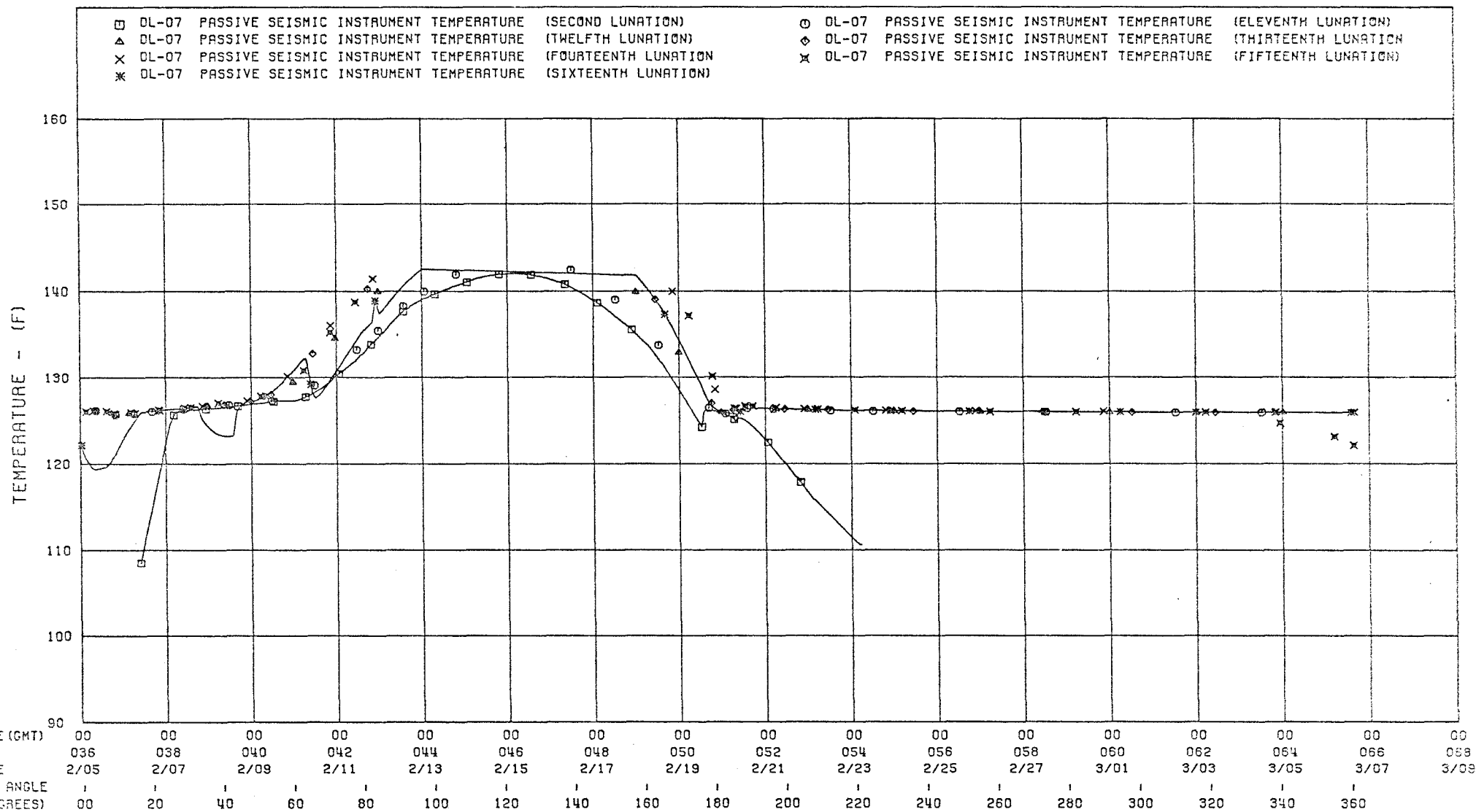
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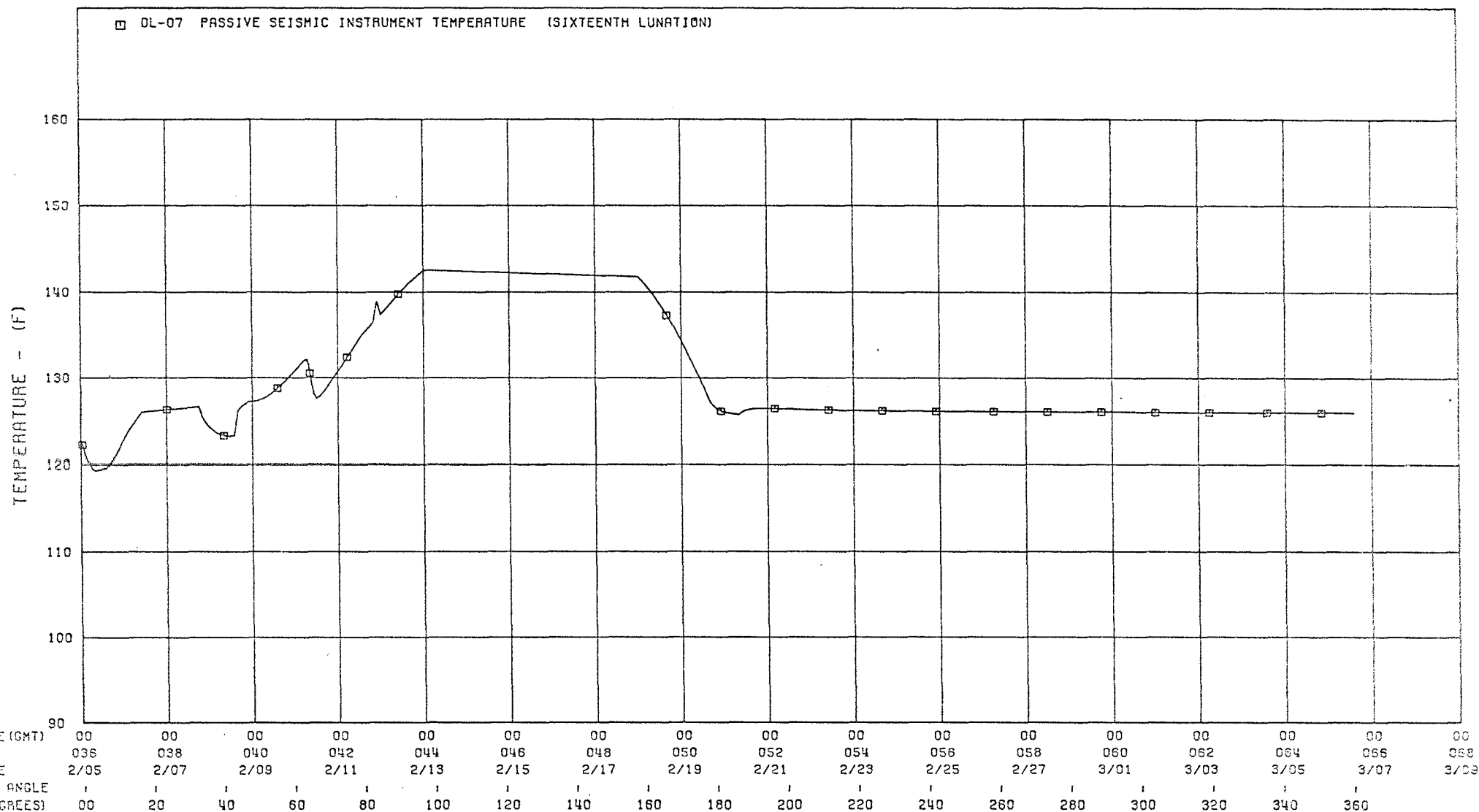
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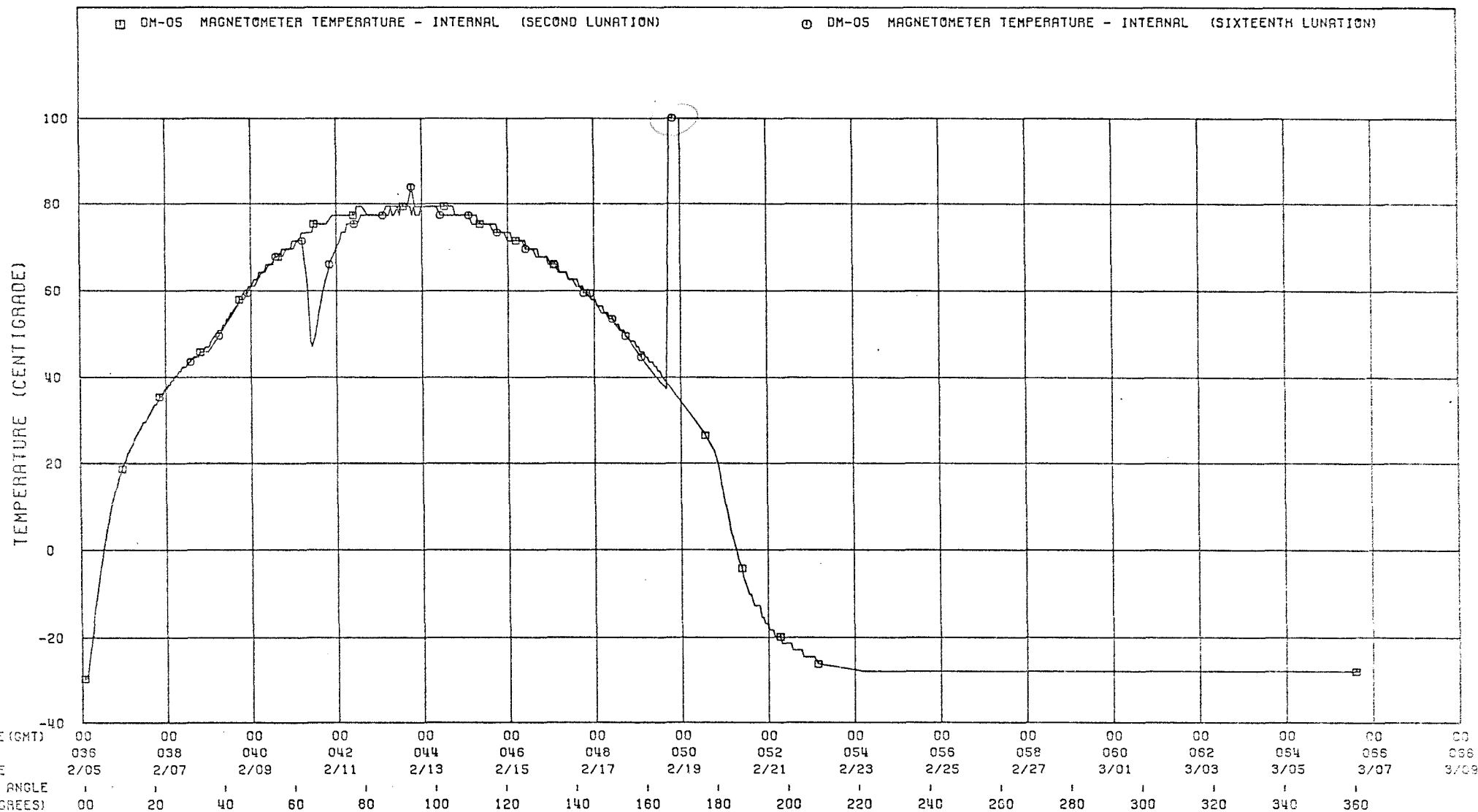
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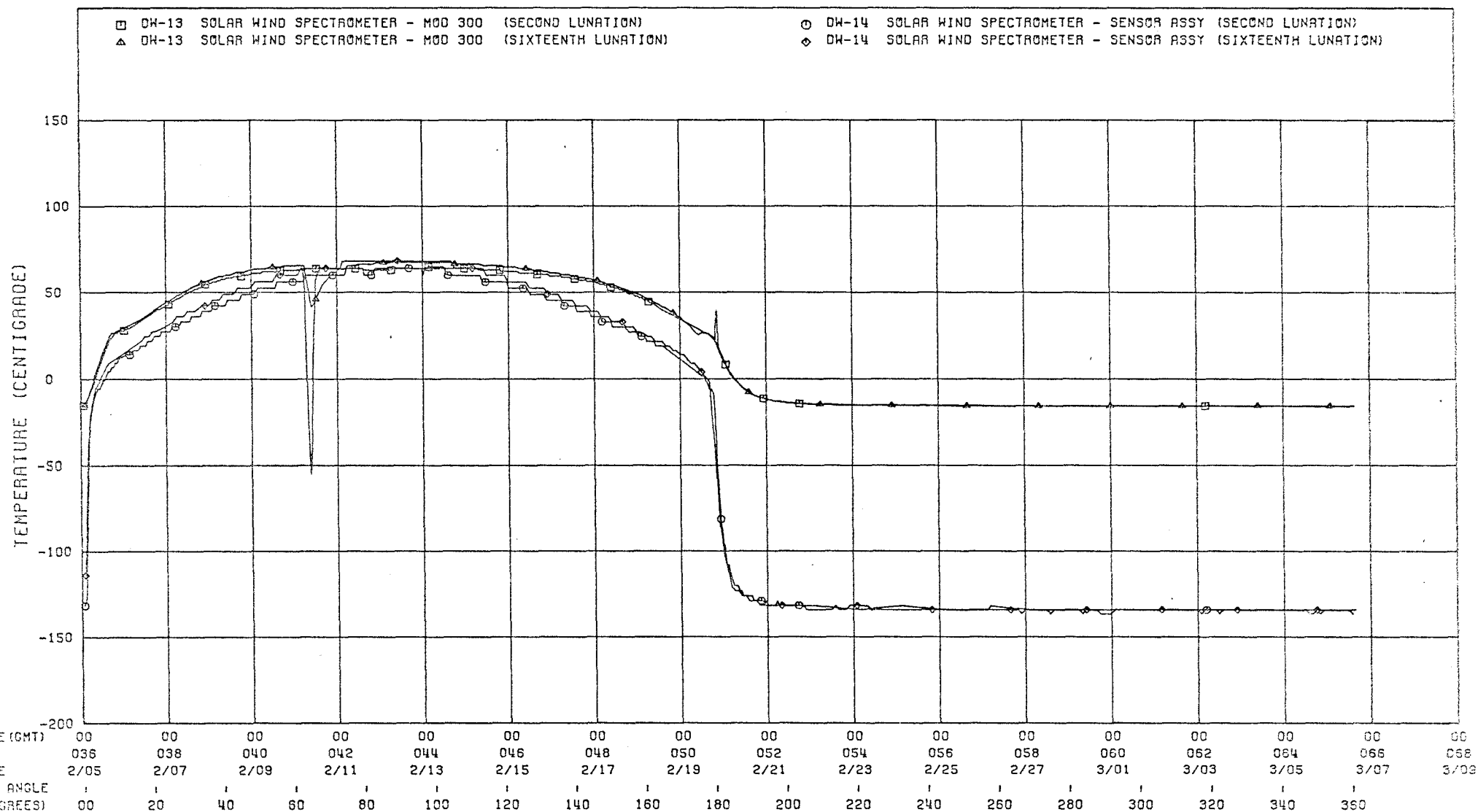
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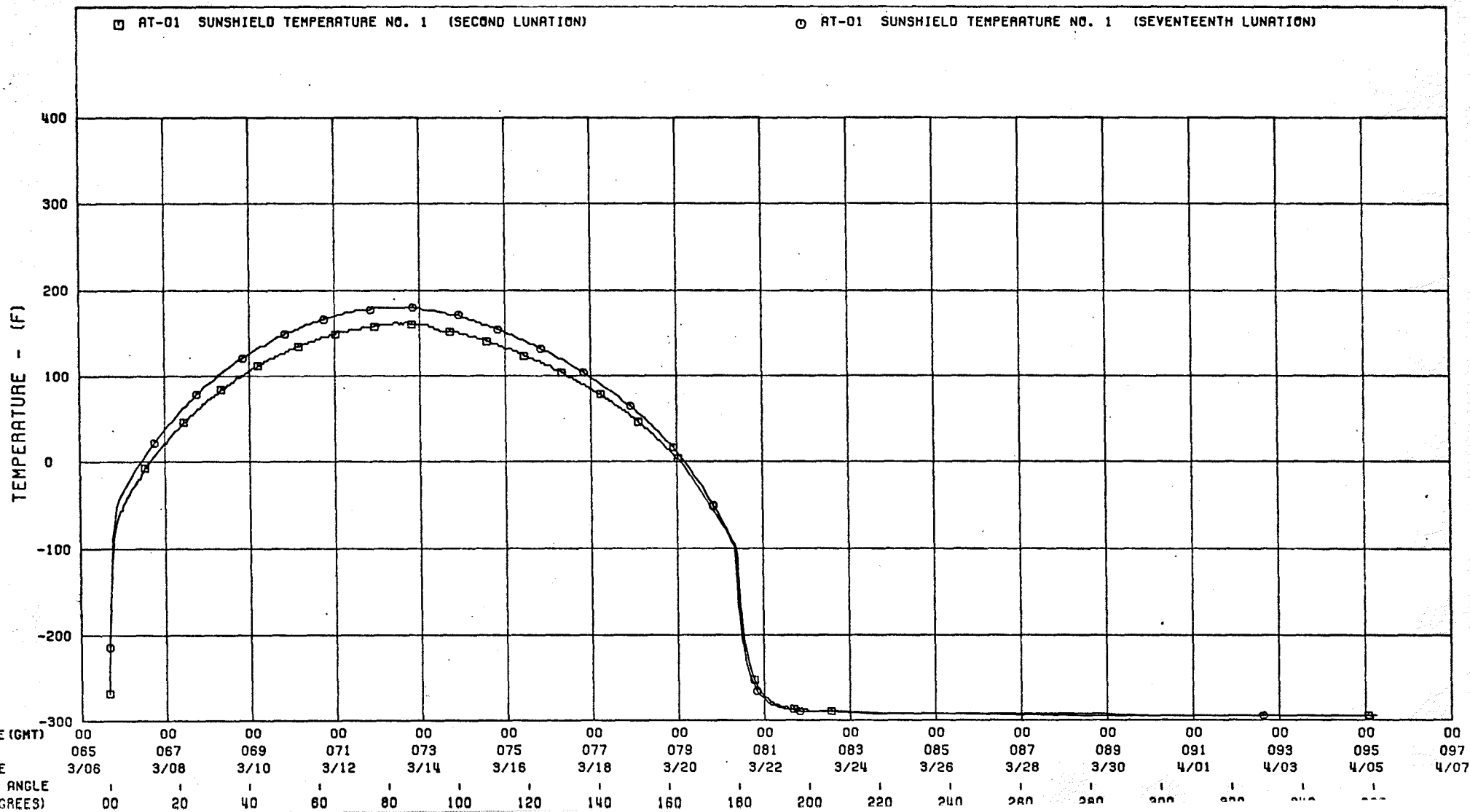


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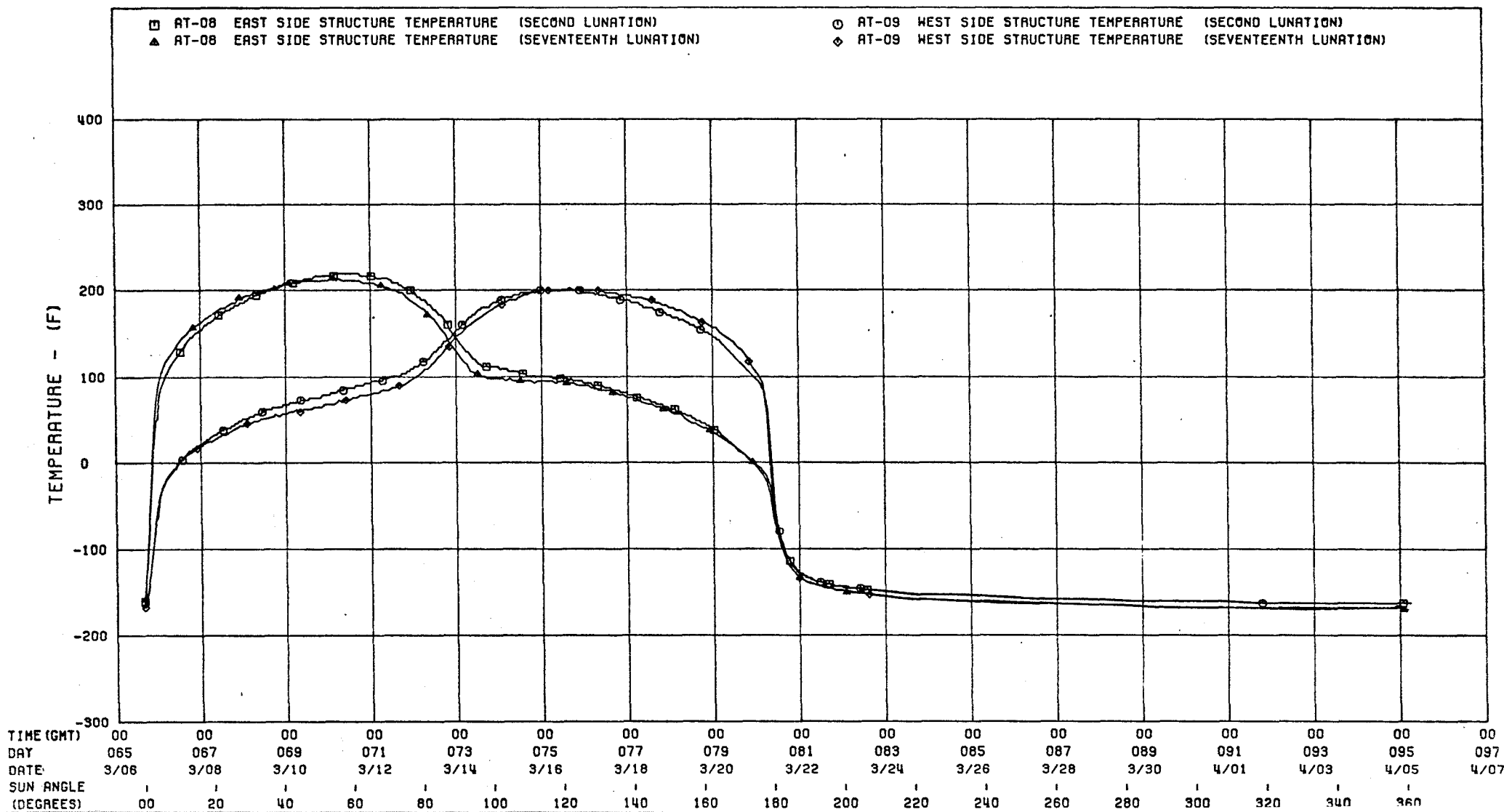


R. 2

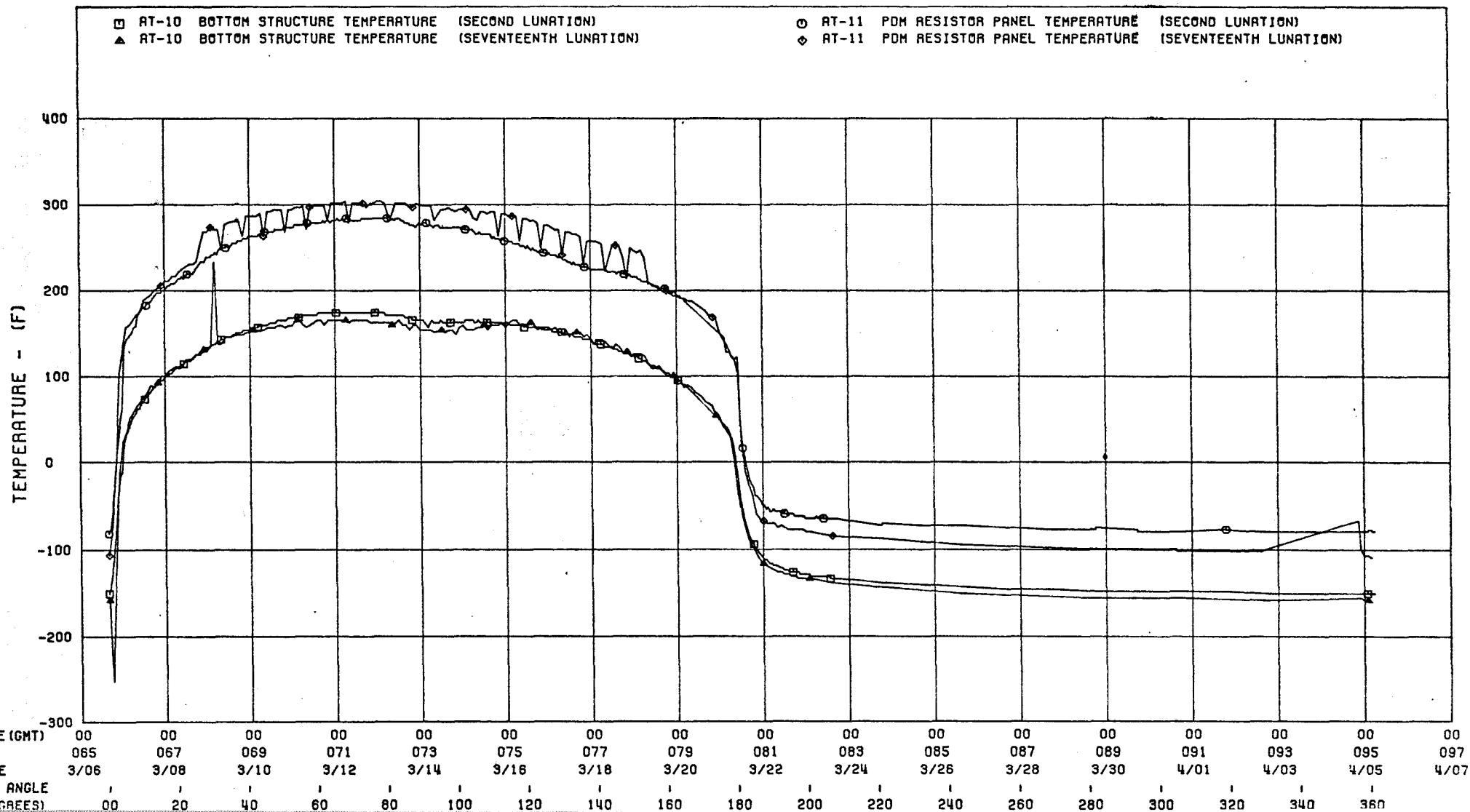
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
SUNRISE DAY 065 (MARCH 8, 1971) AT 1451 GMT  
SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



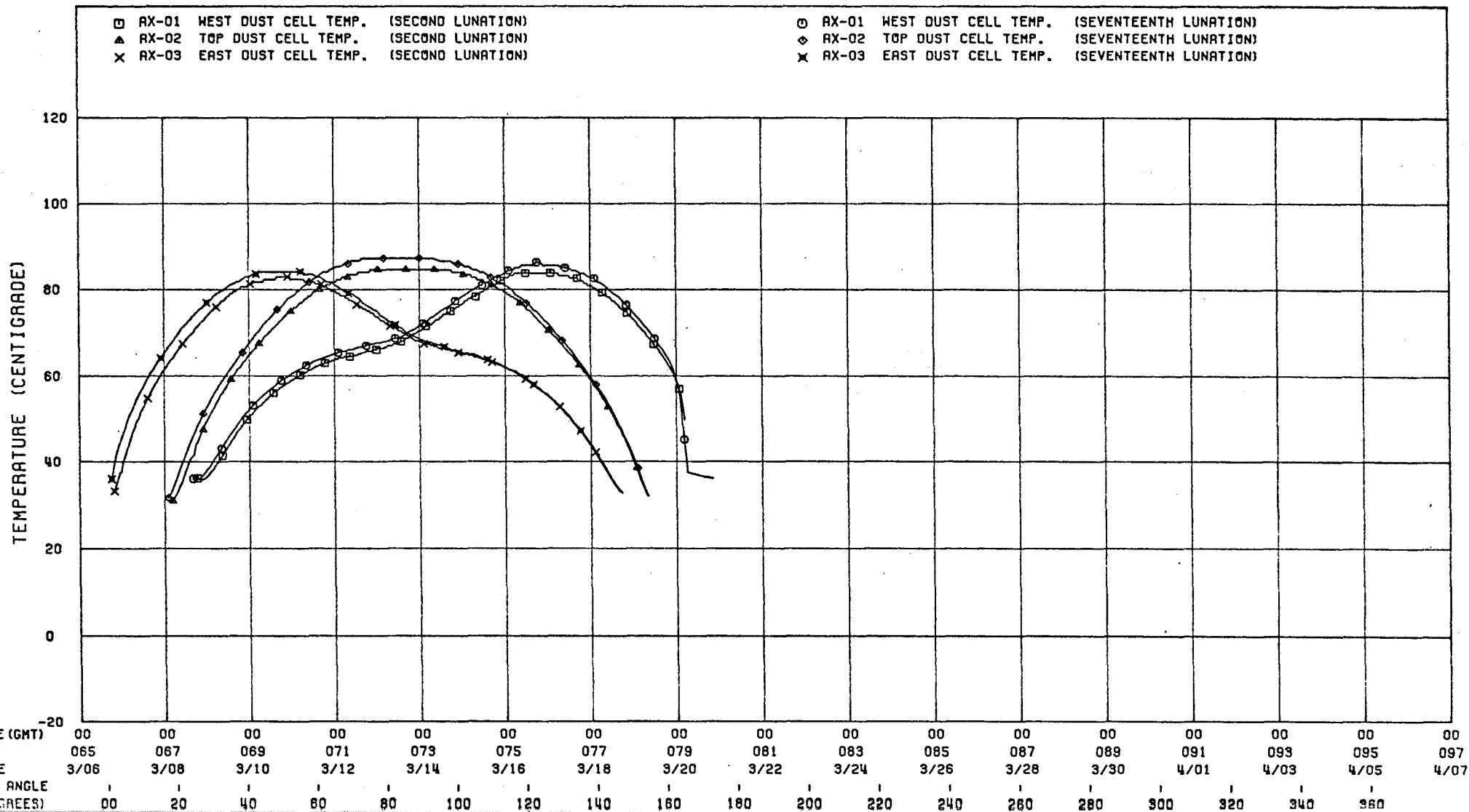
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 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



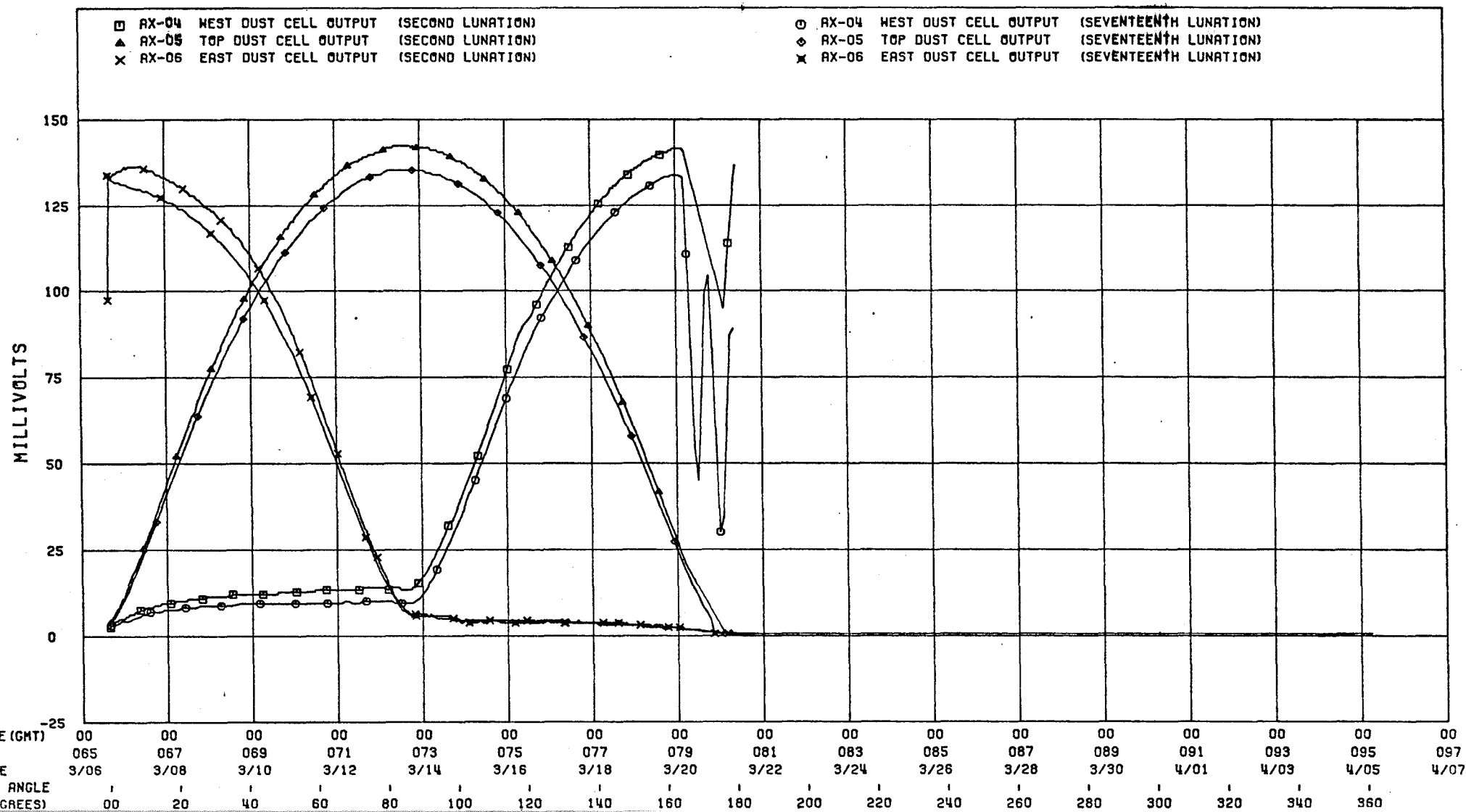
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



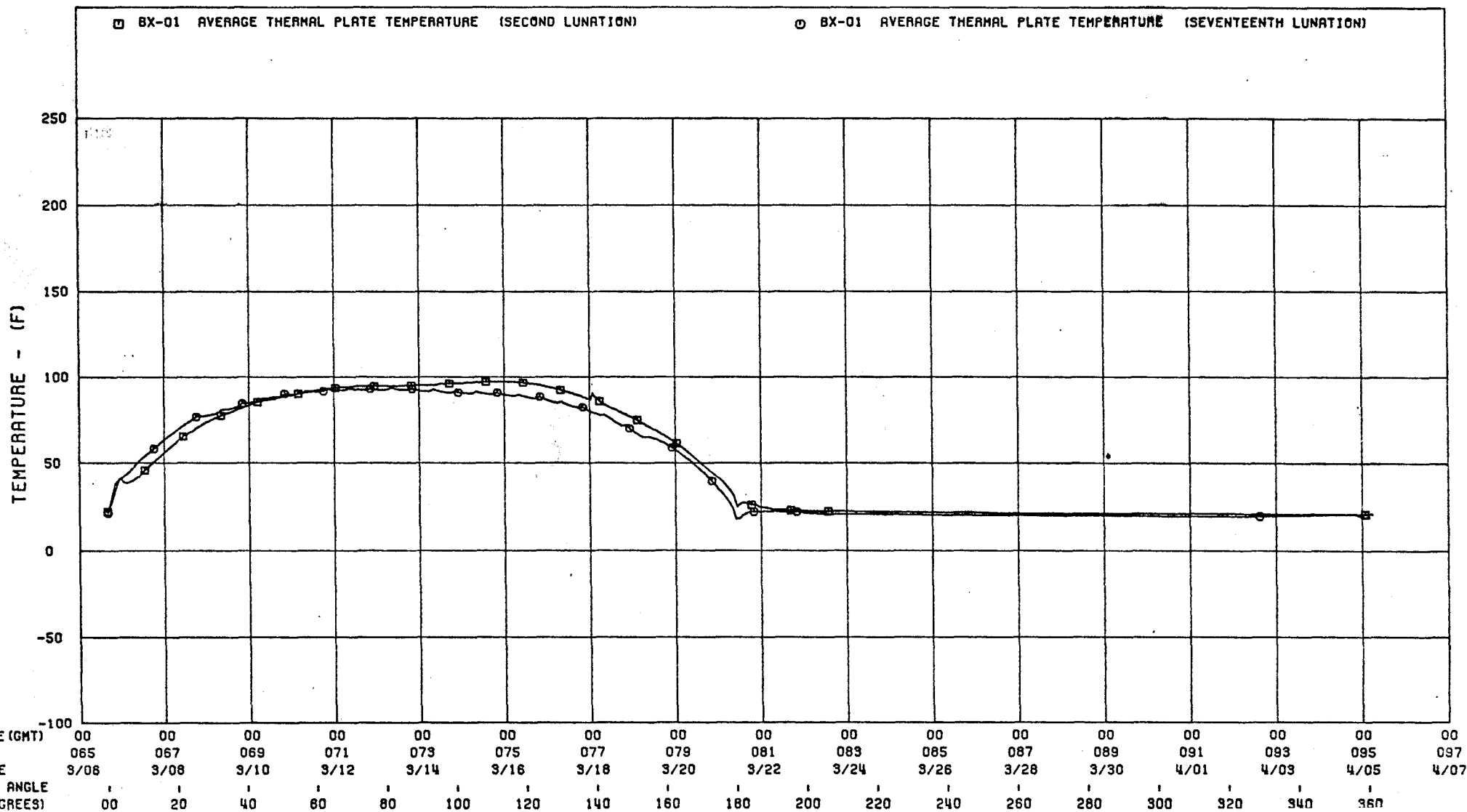
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

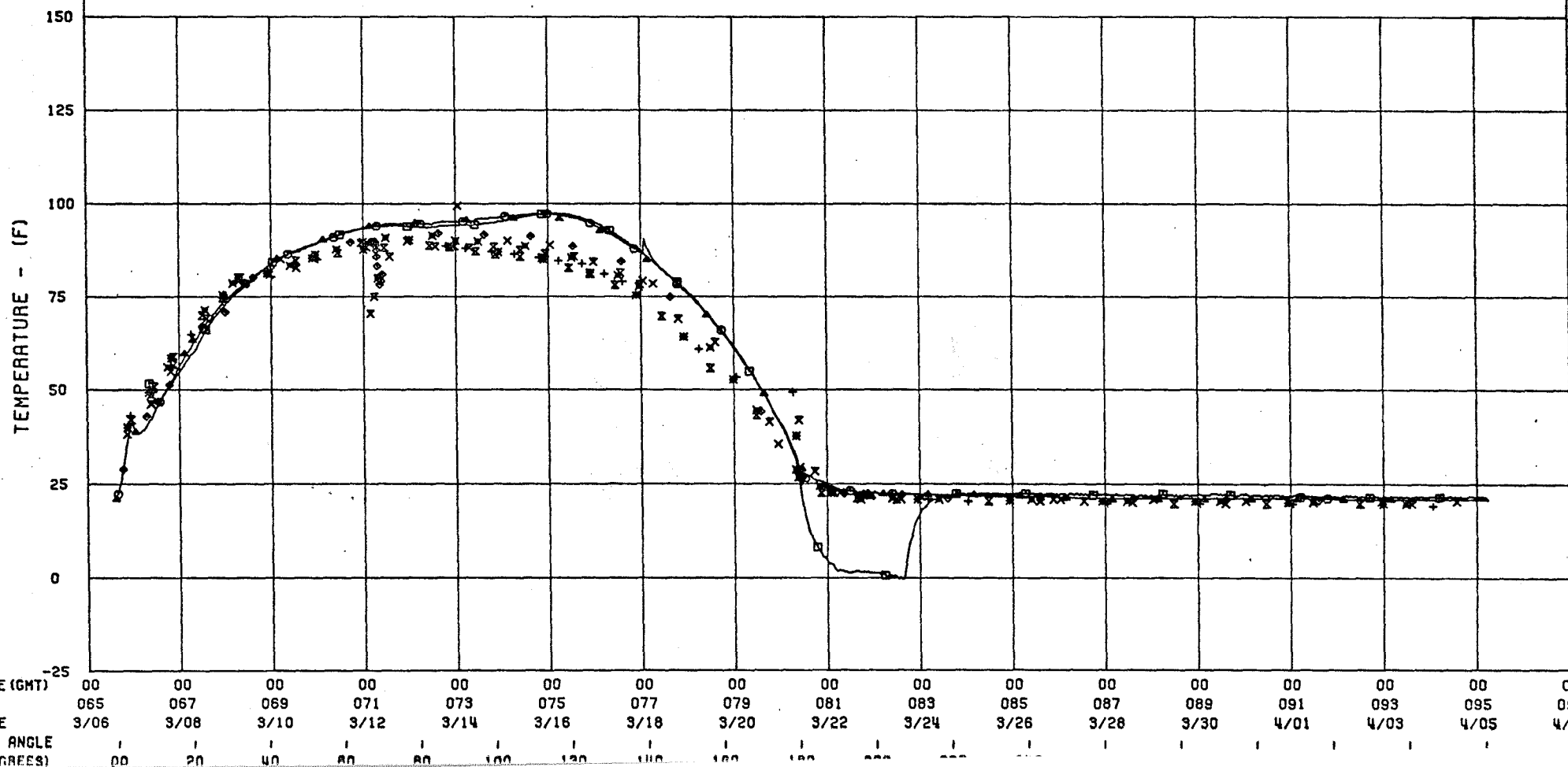


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

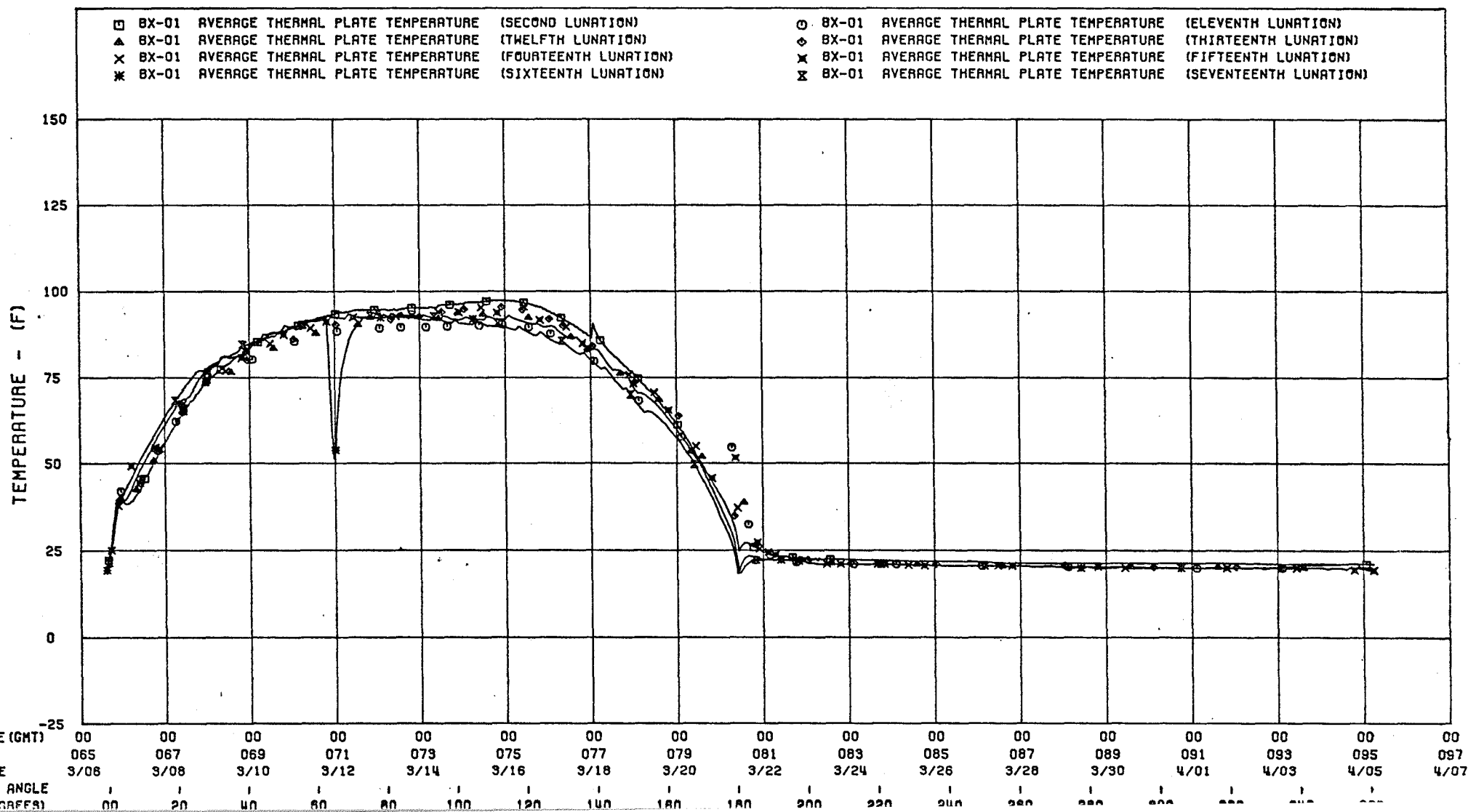


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

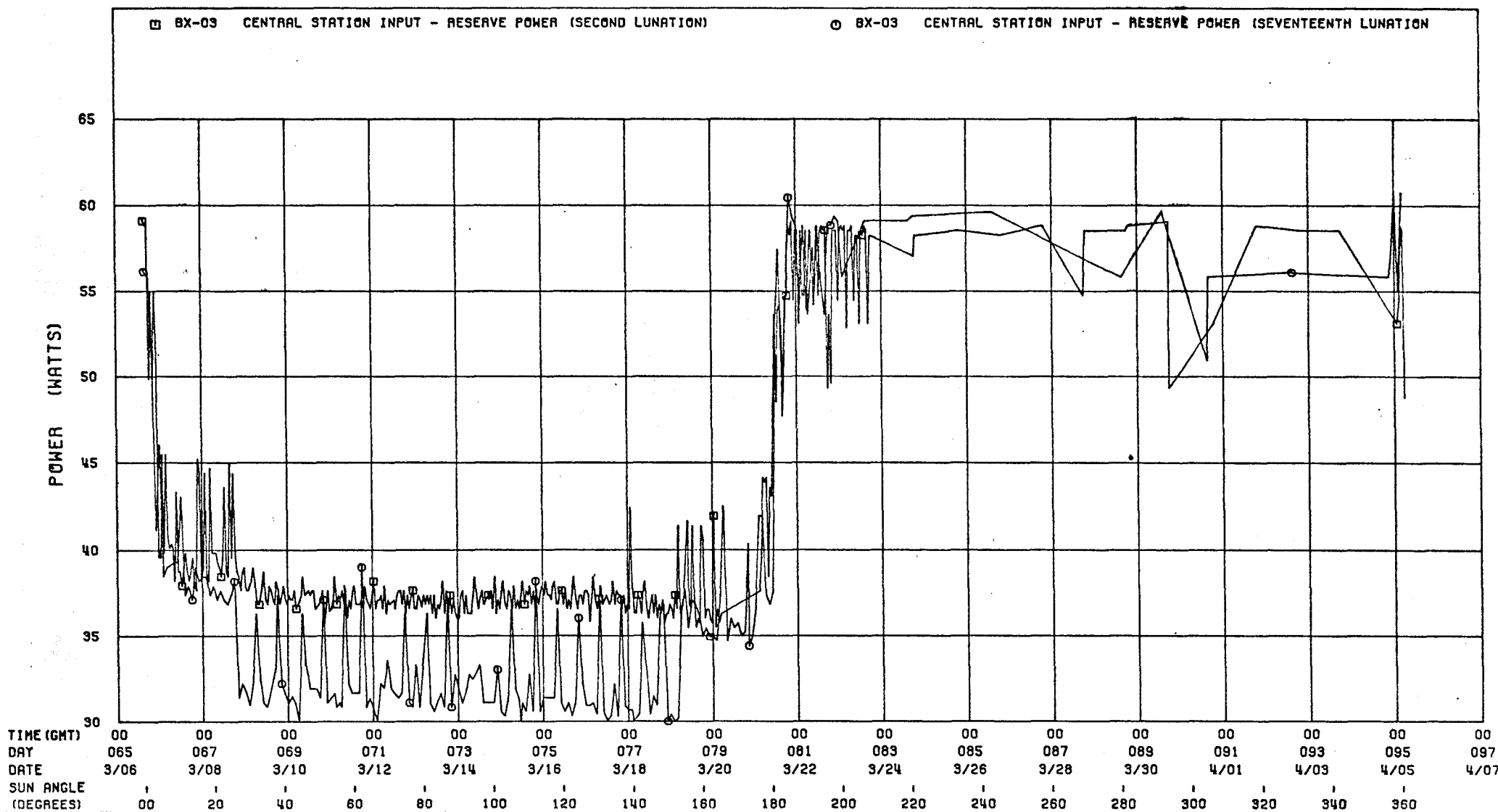
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FIRST LUNATION)</p> <p>▲ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (THIRD LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FIFTH LUNATION)</p> <p>* BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SEVENTH LUNATION)</p> <p>+ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (NINTH LUNATION)</p> | <p>○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SECOND LUNATION)</p> <p>◇ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FOURTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SIXTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (EIGHTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (TENTH LUNATION)</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



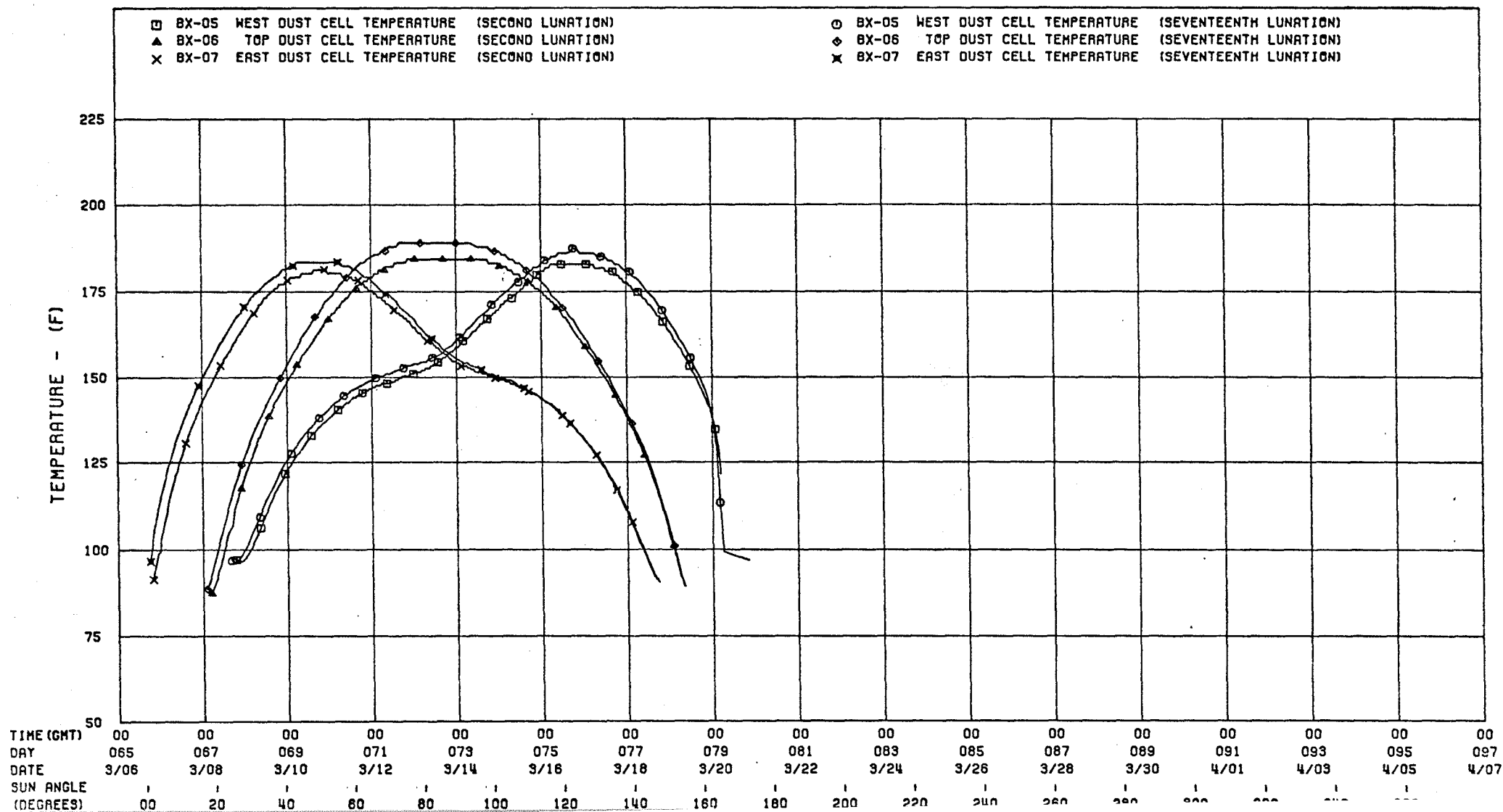
SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



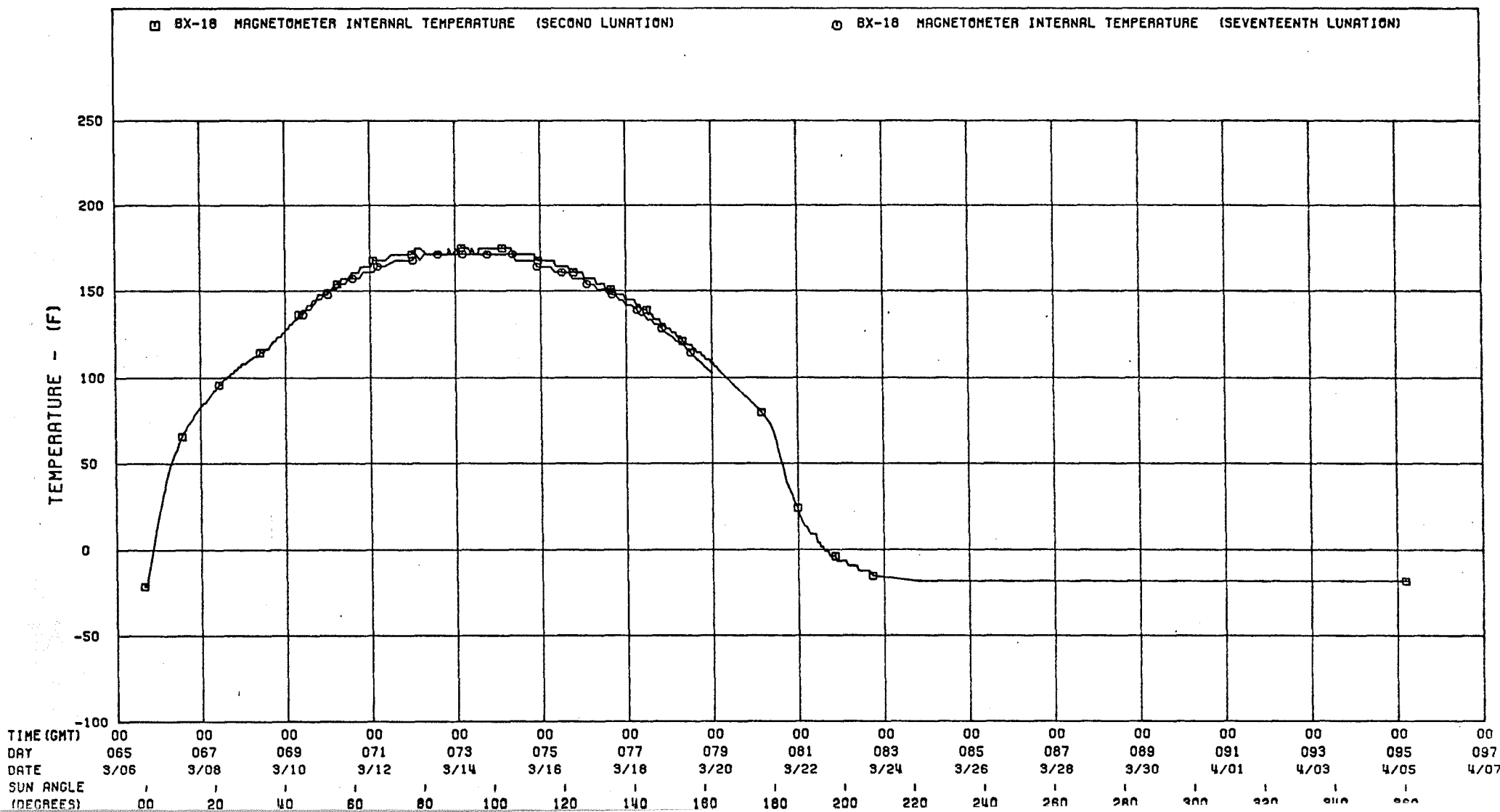
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

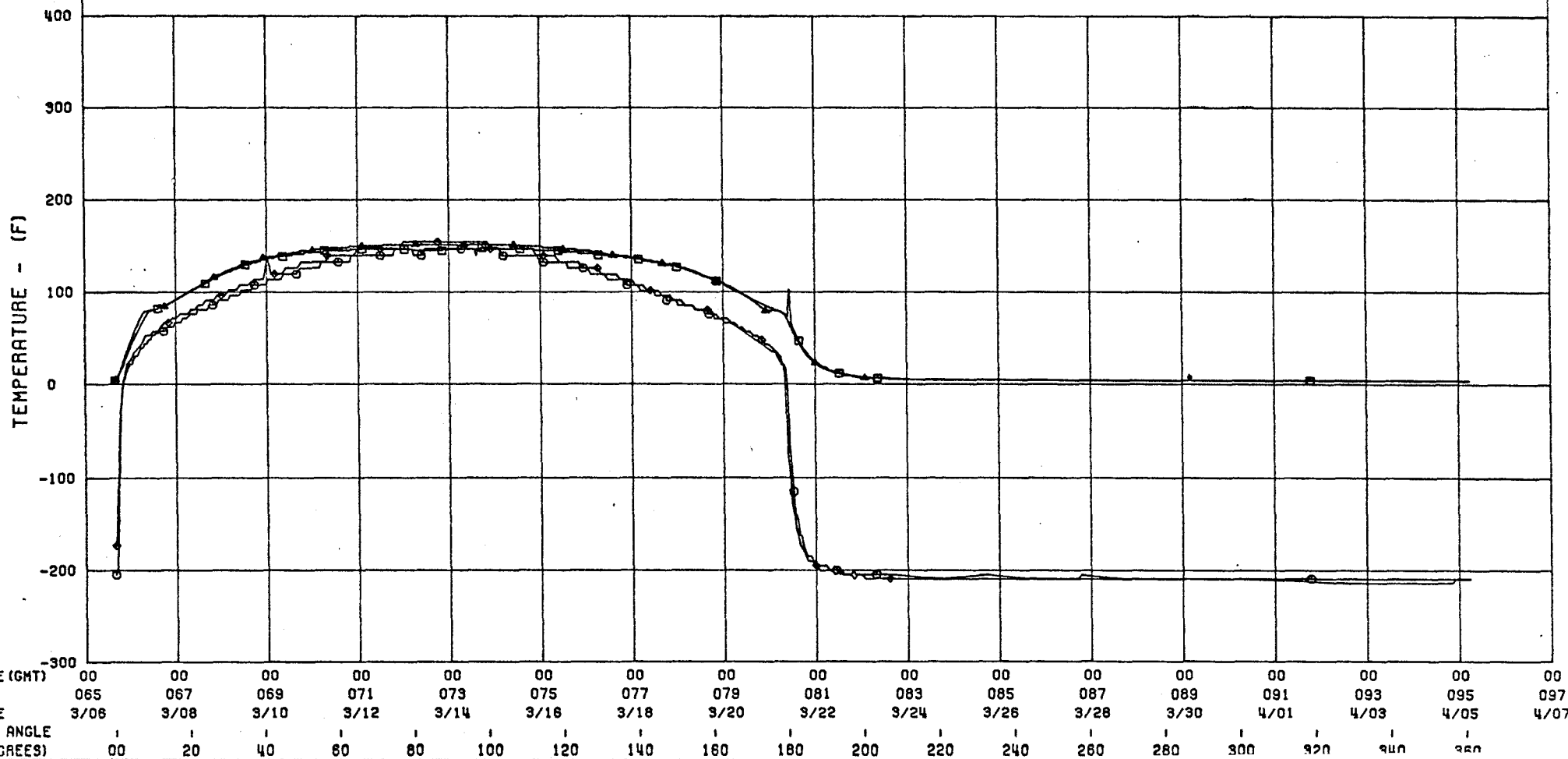


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
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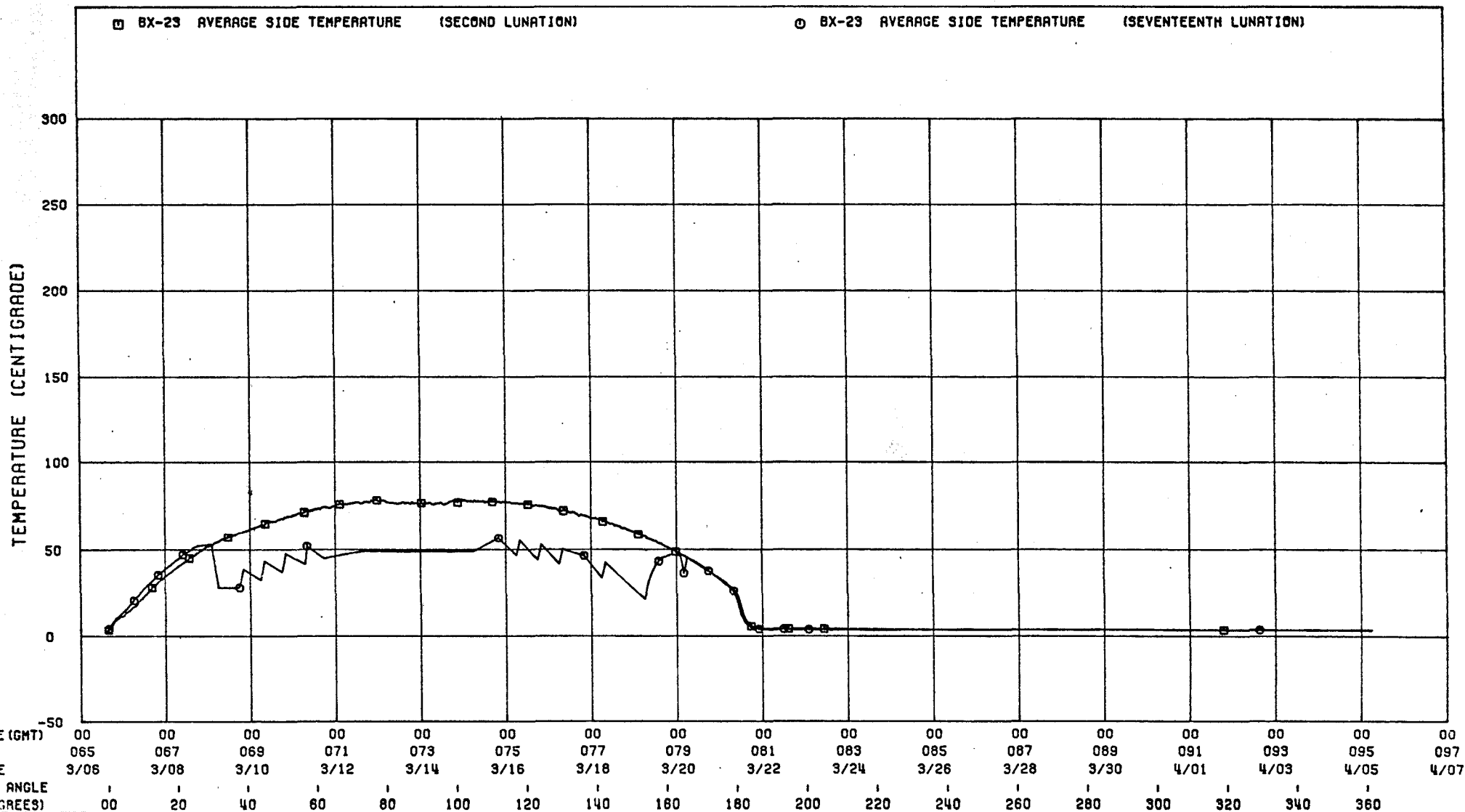


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

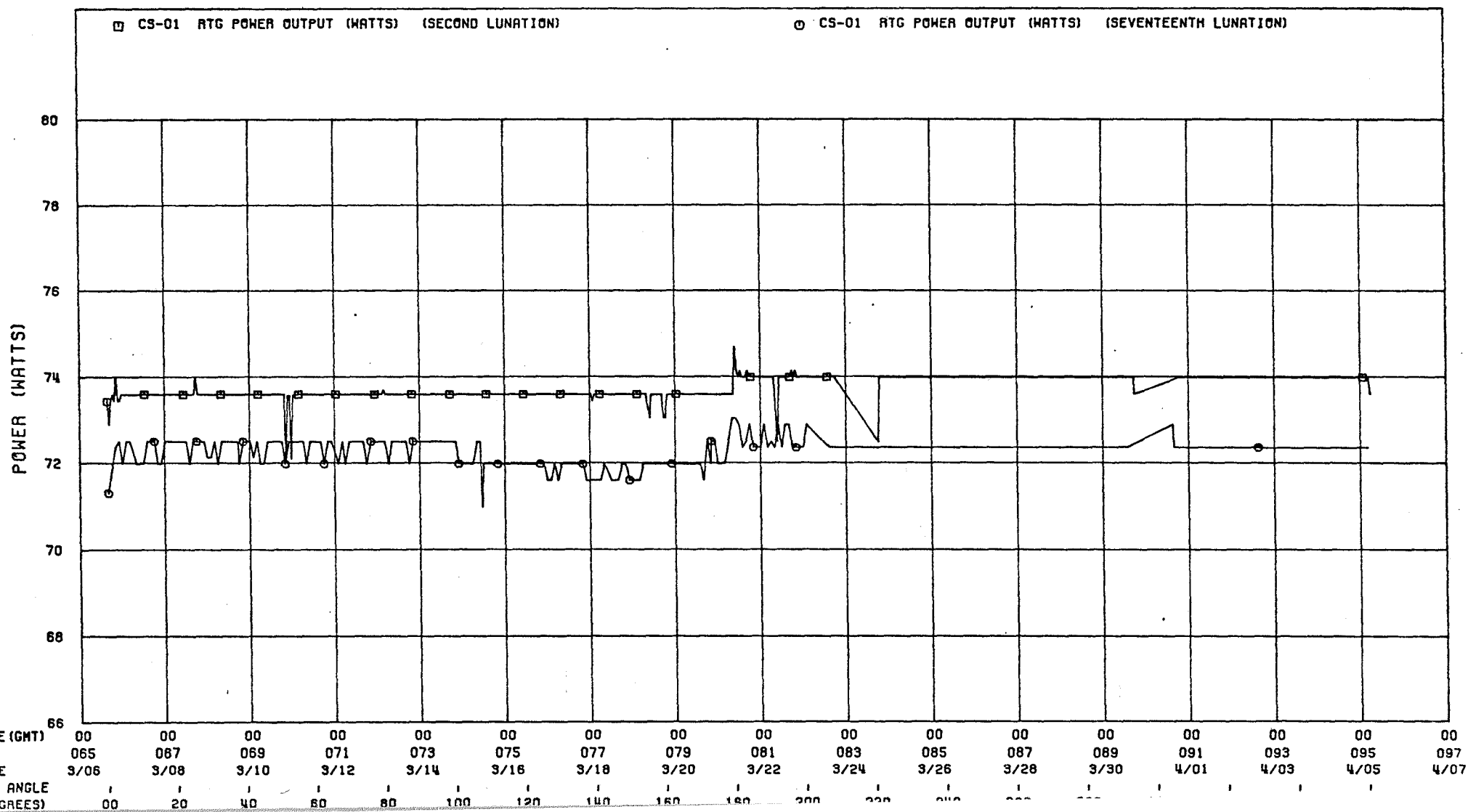
□ BX-21 SOLAR WIND SPECTROMETER (MOD 300) (SECOND LUNATION)      ○ BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (SECOND LUNATION)  
 ▲ BX-21 SOLAR WIND SPECTROMETER (MOD 300) (SEVENTEENTH LUNATION)      ◇ BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (SEVENTEENTH LUNATION)



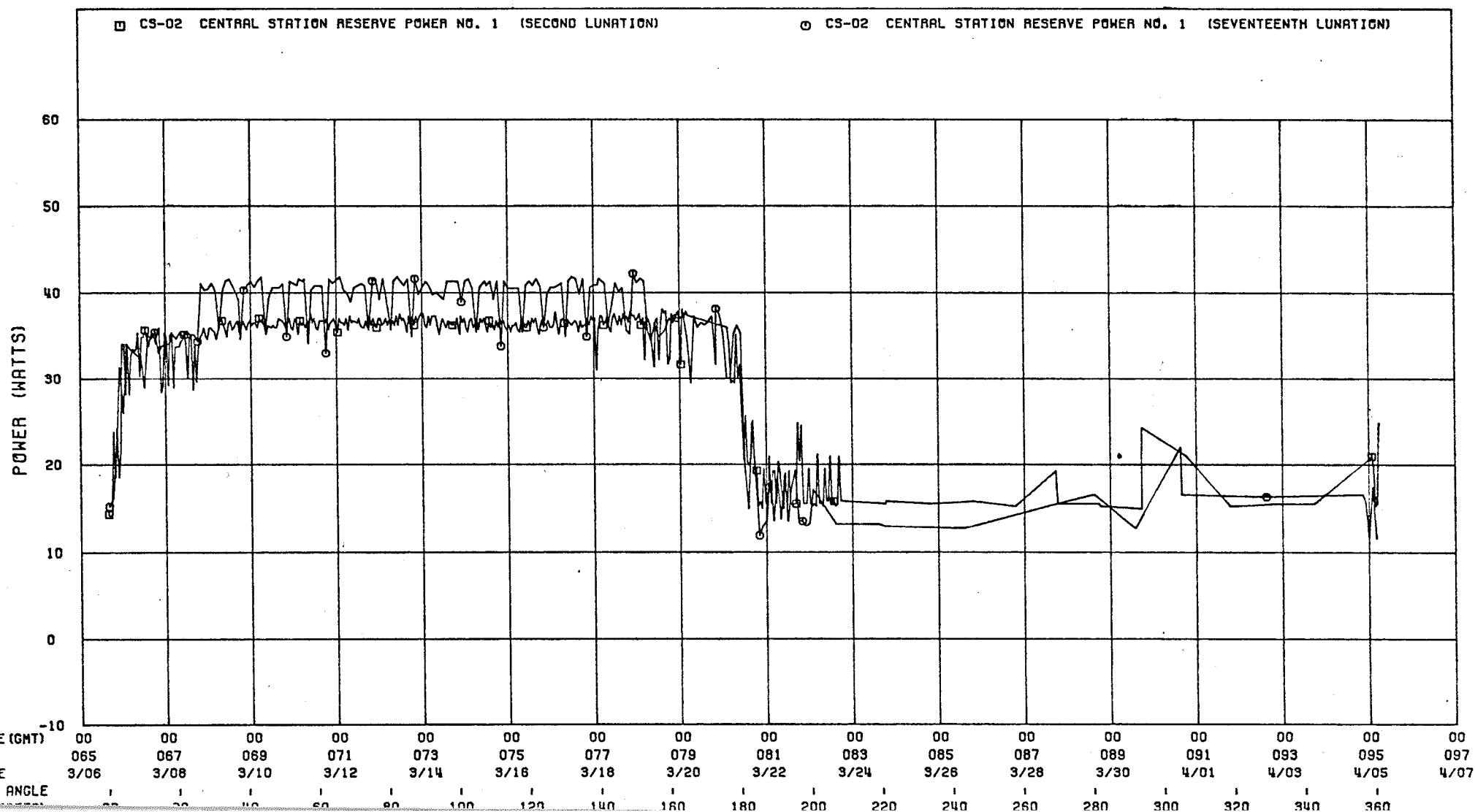
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



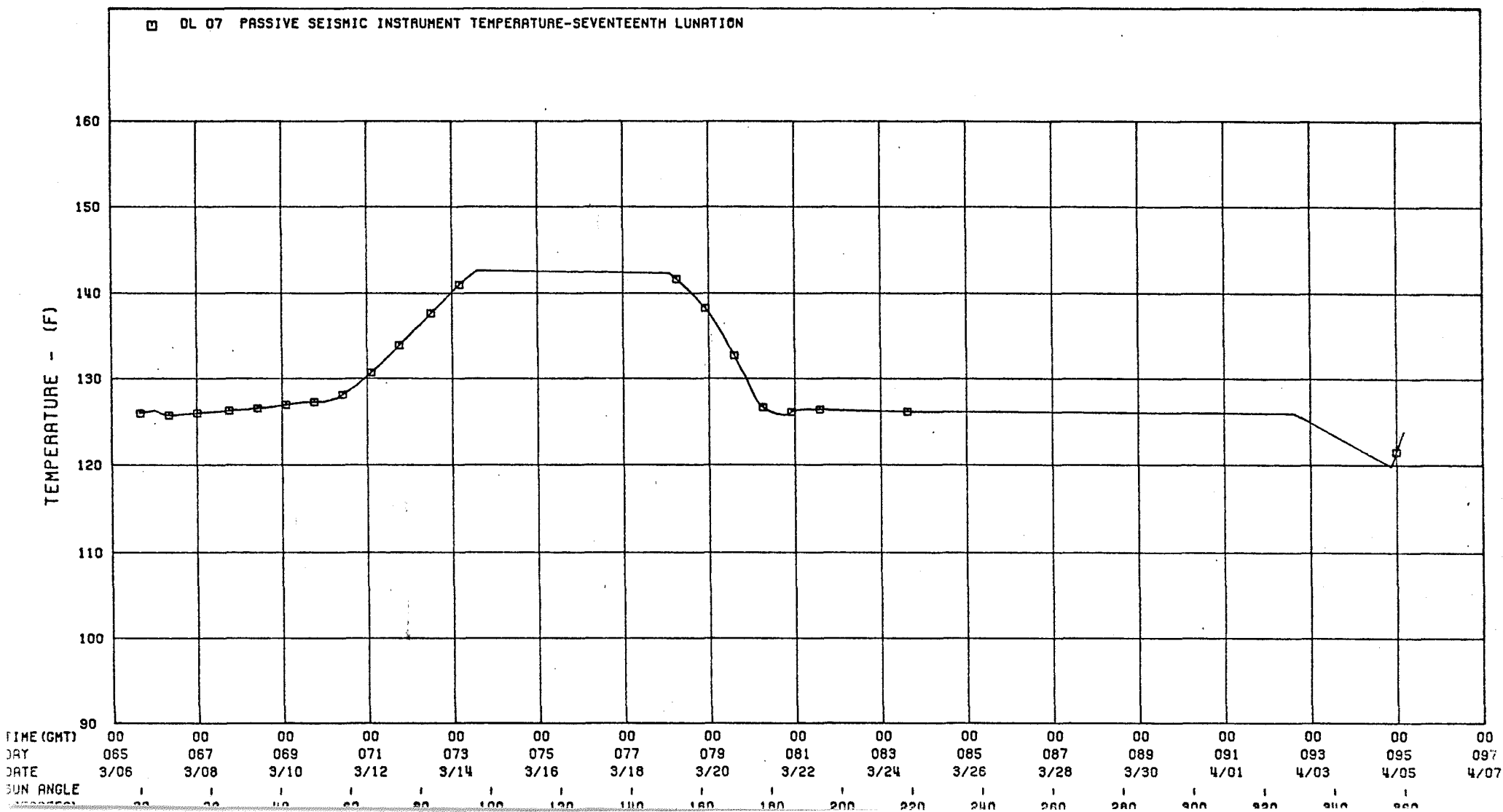
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 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



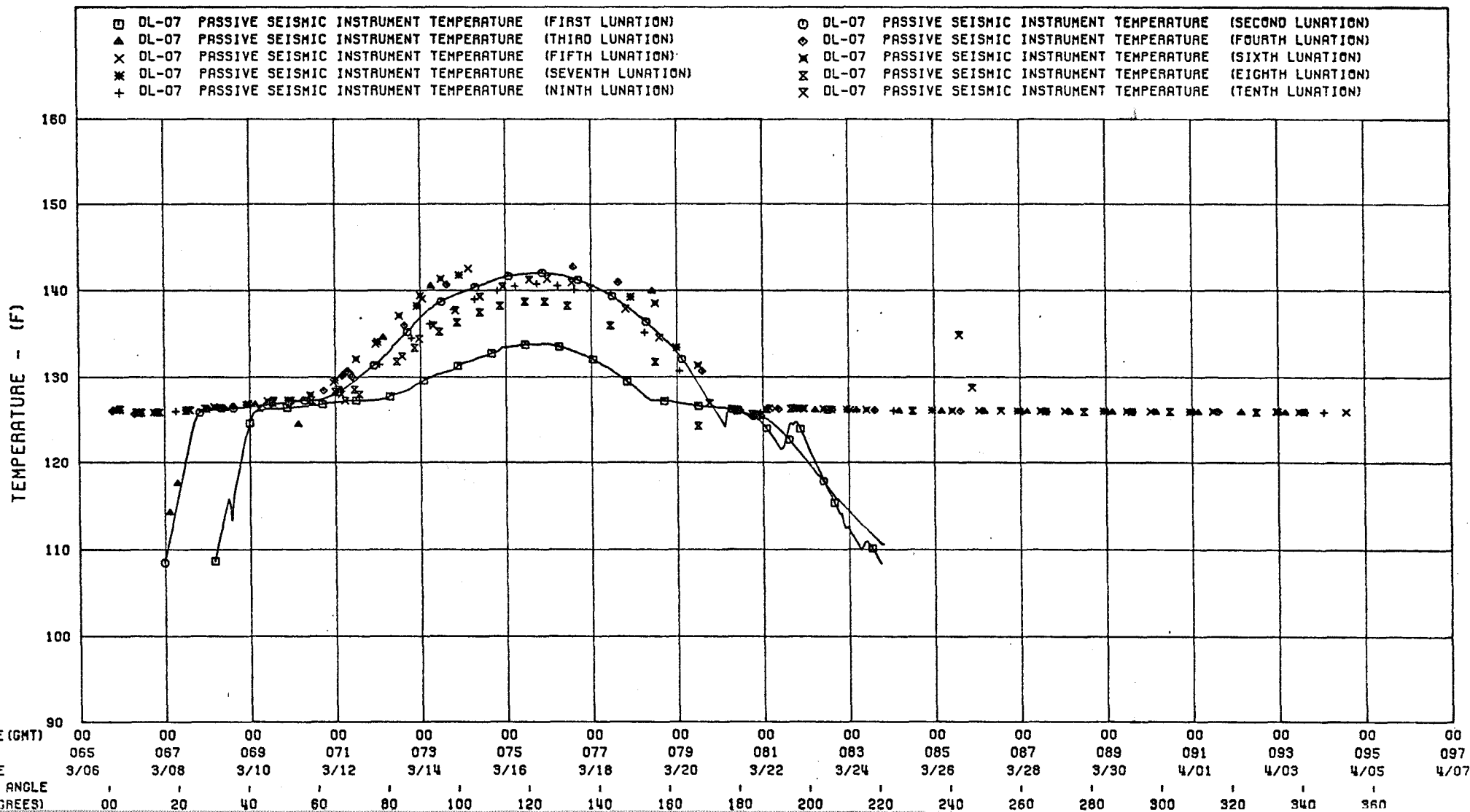
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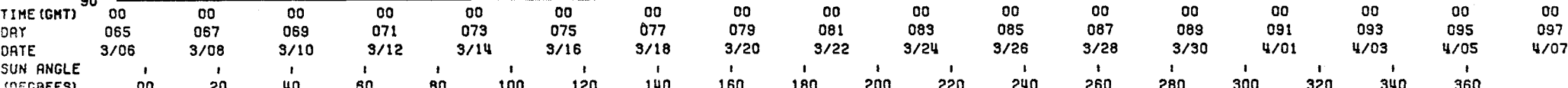
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 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



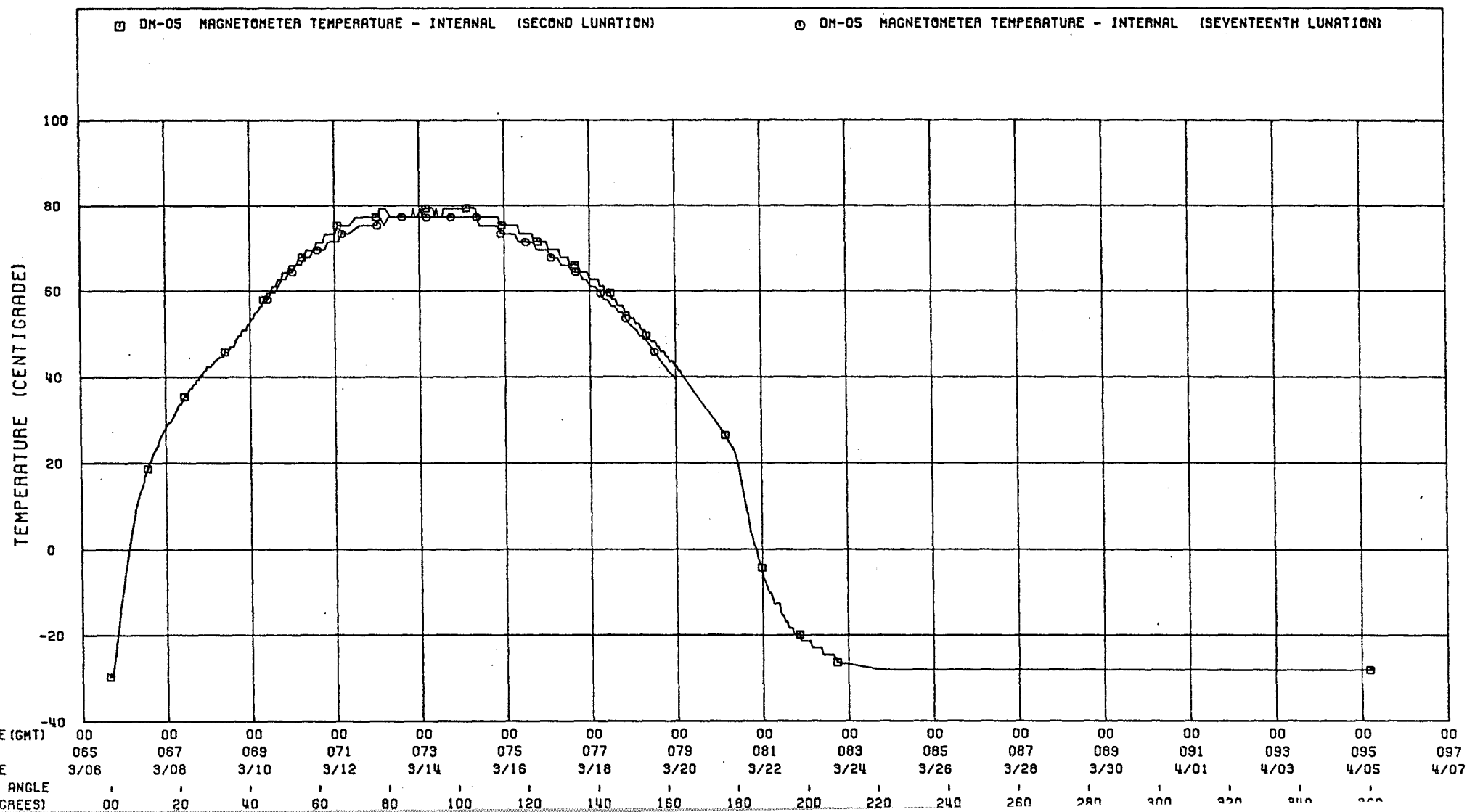
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 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



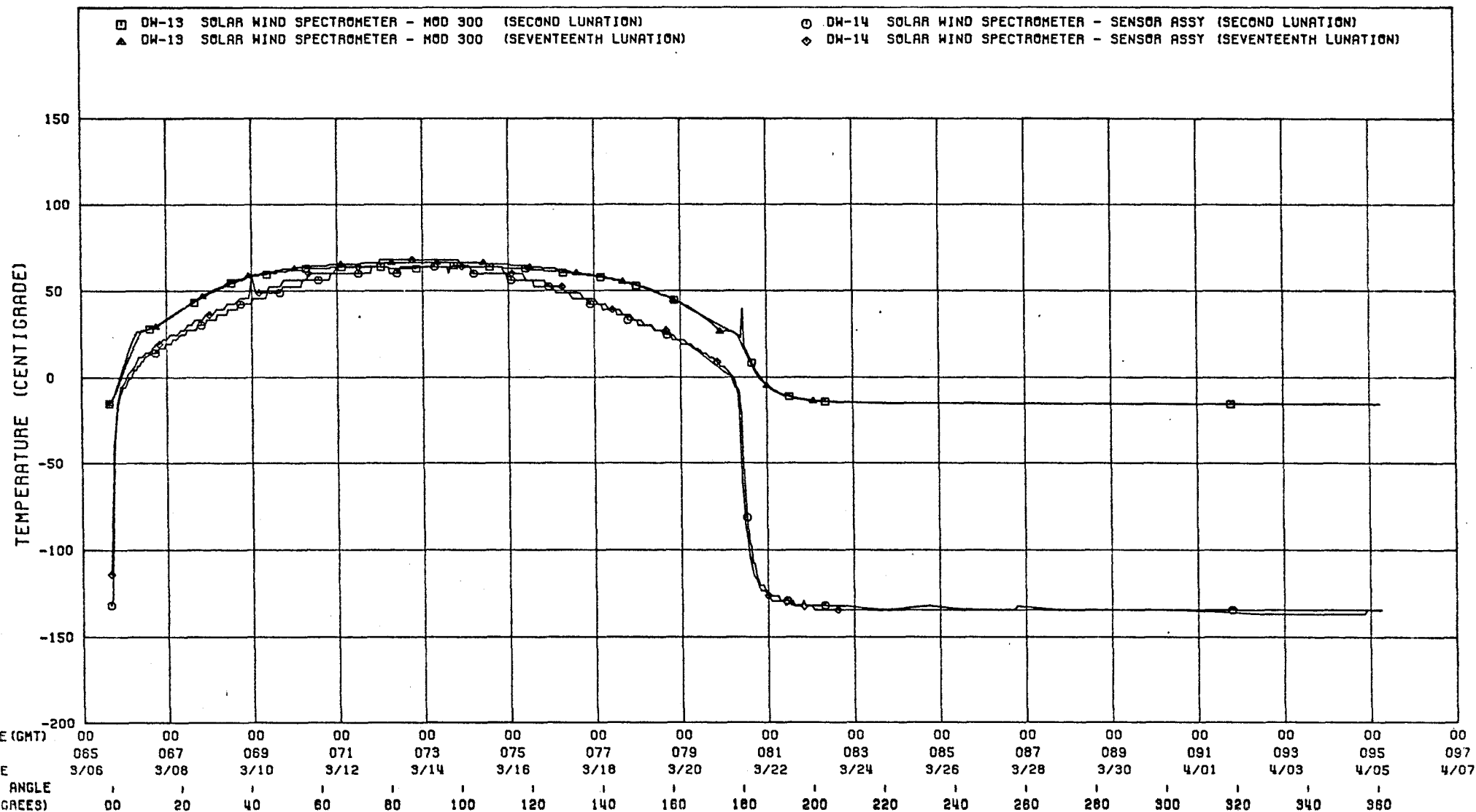
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SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

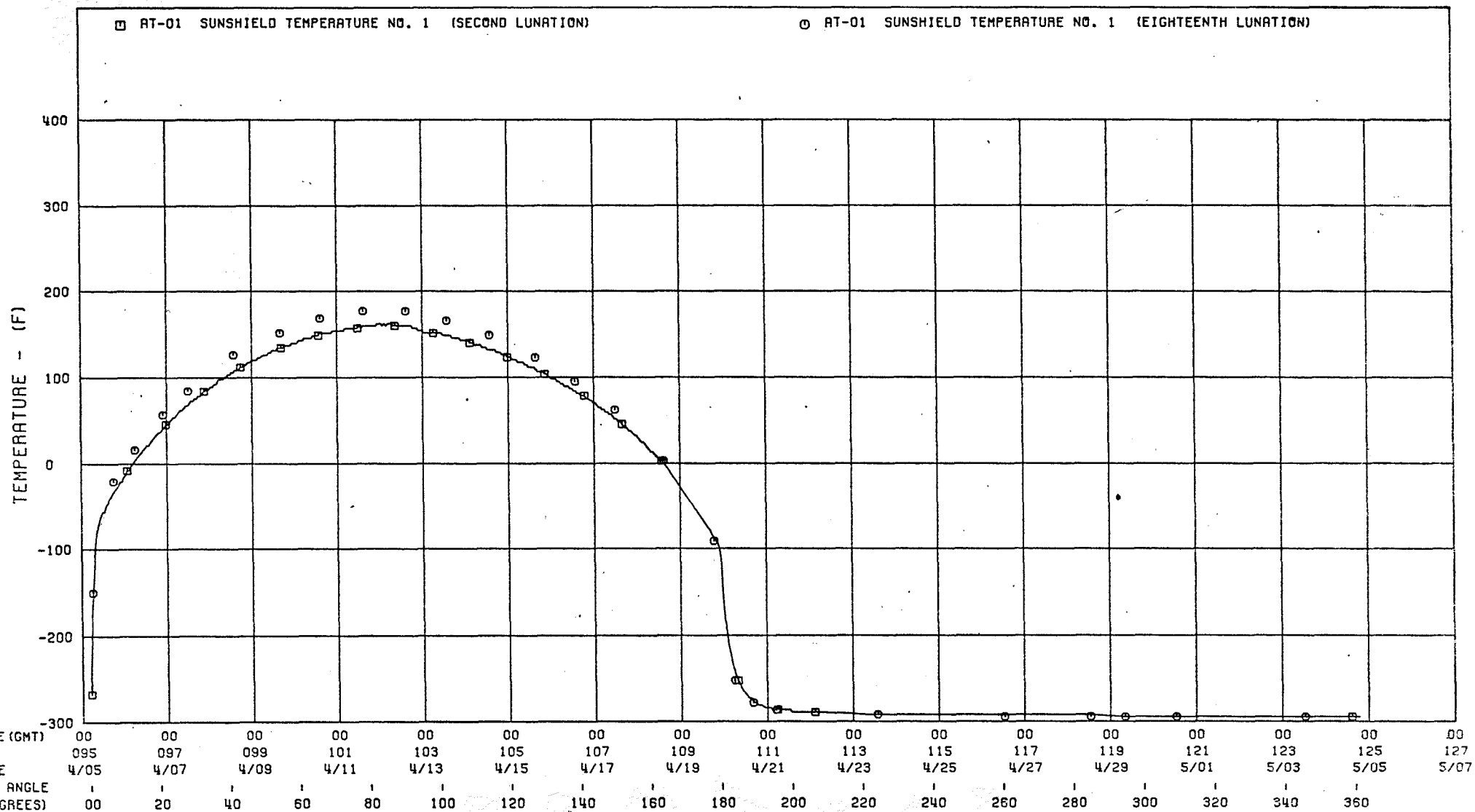


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 17 TH ALSEP LUNATION  
 SUNRISE DAY 065 (MARCH 6, 1971) AT 1451 GMT  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT

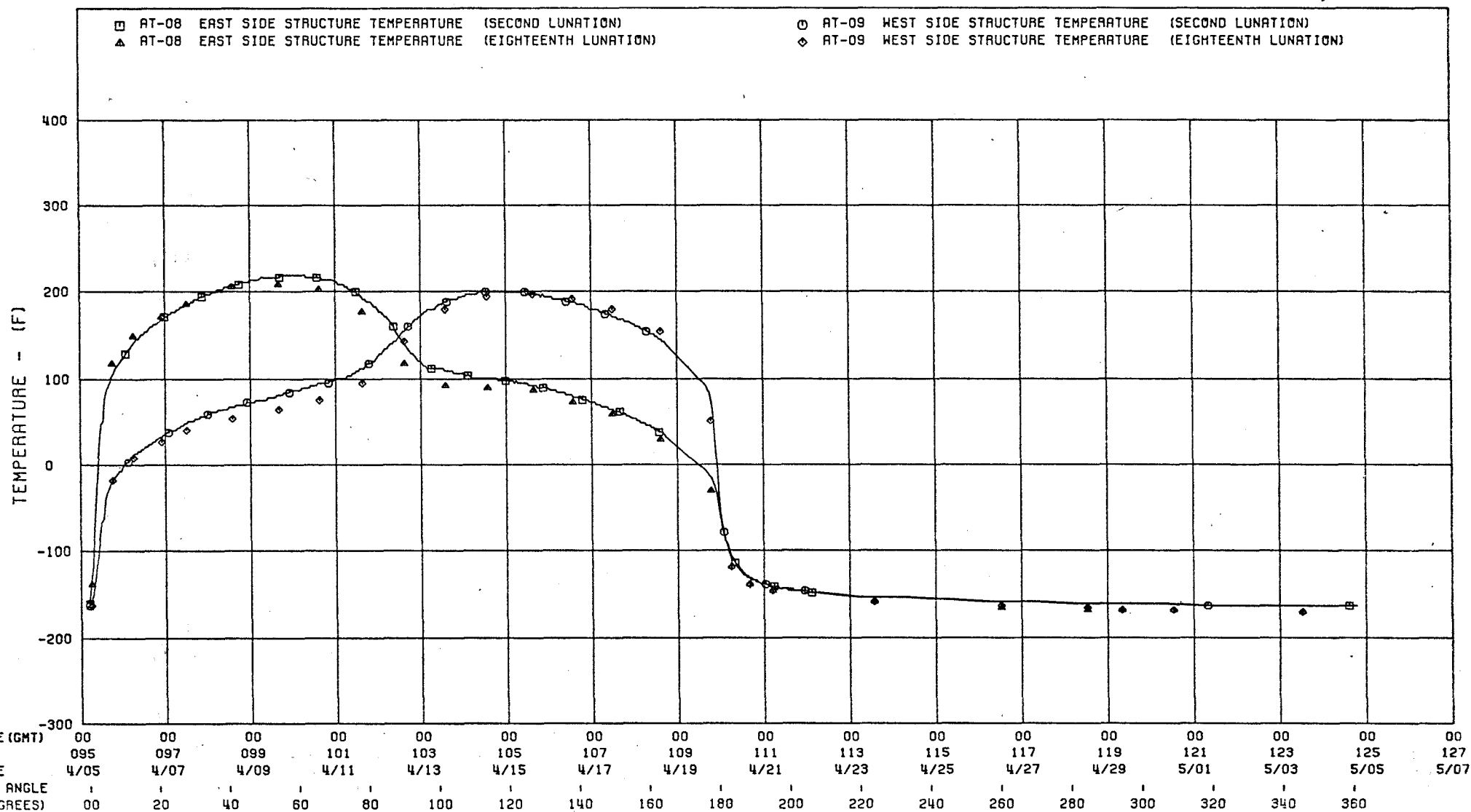


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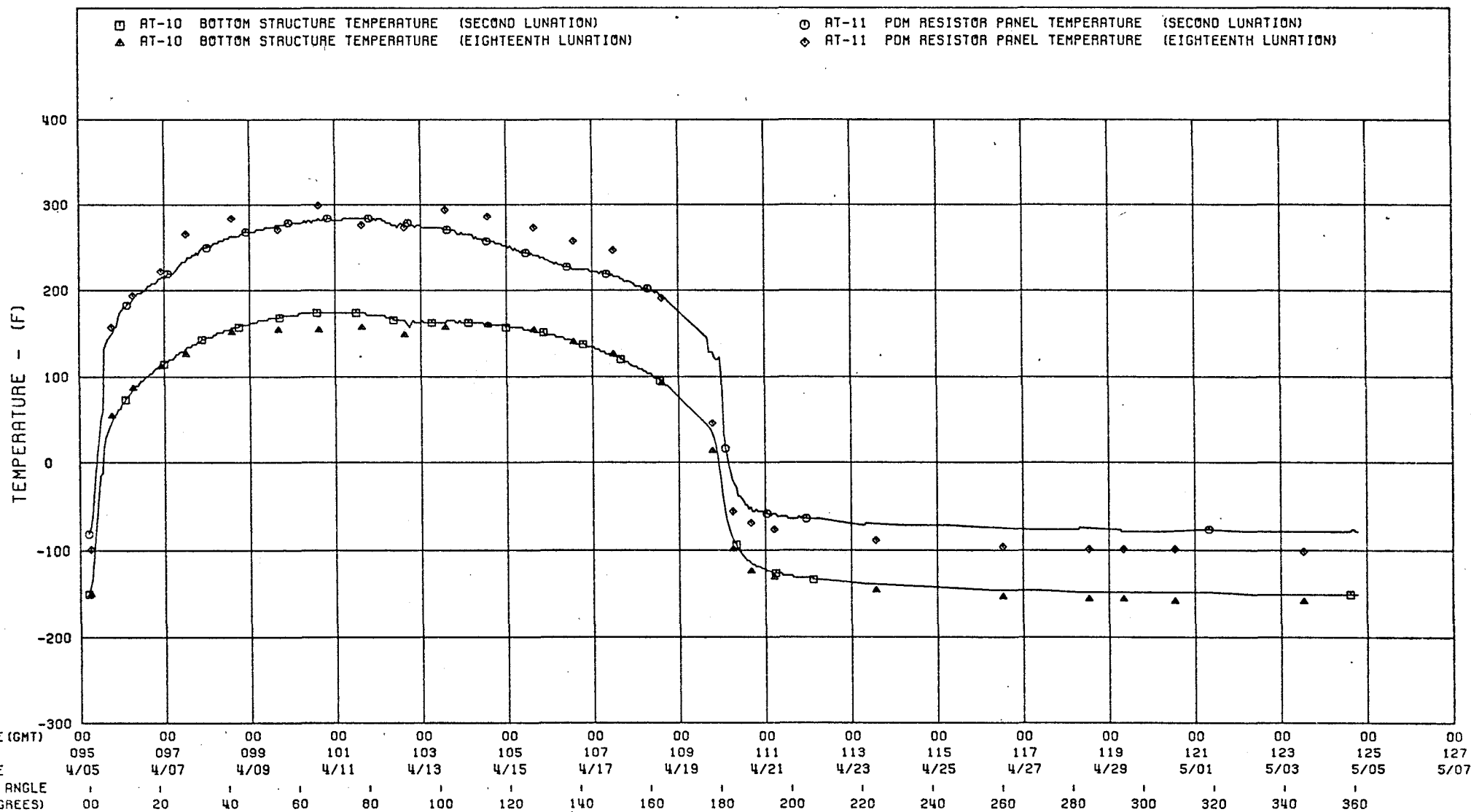
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



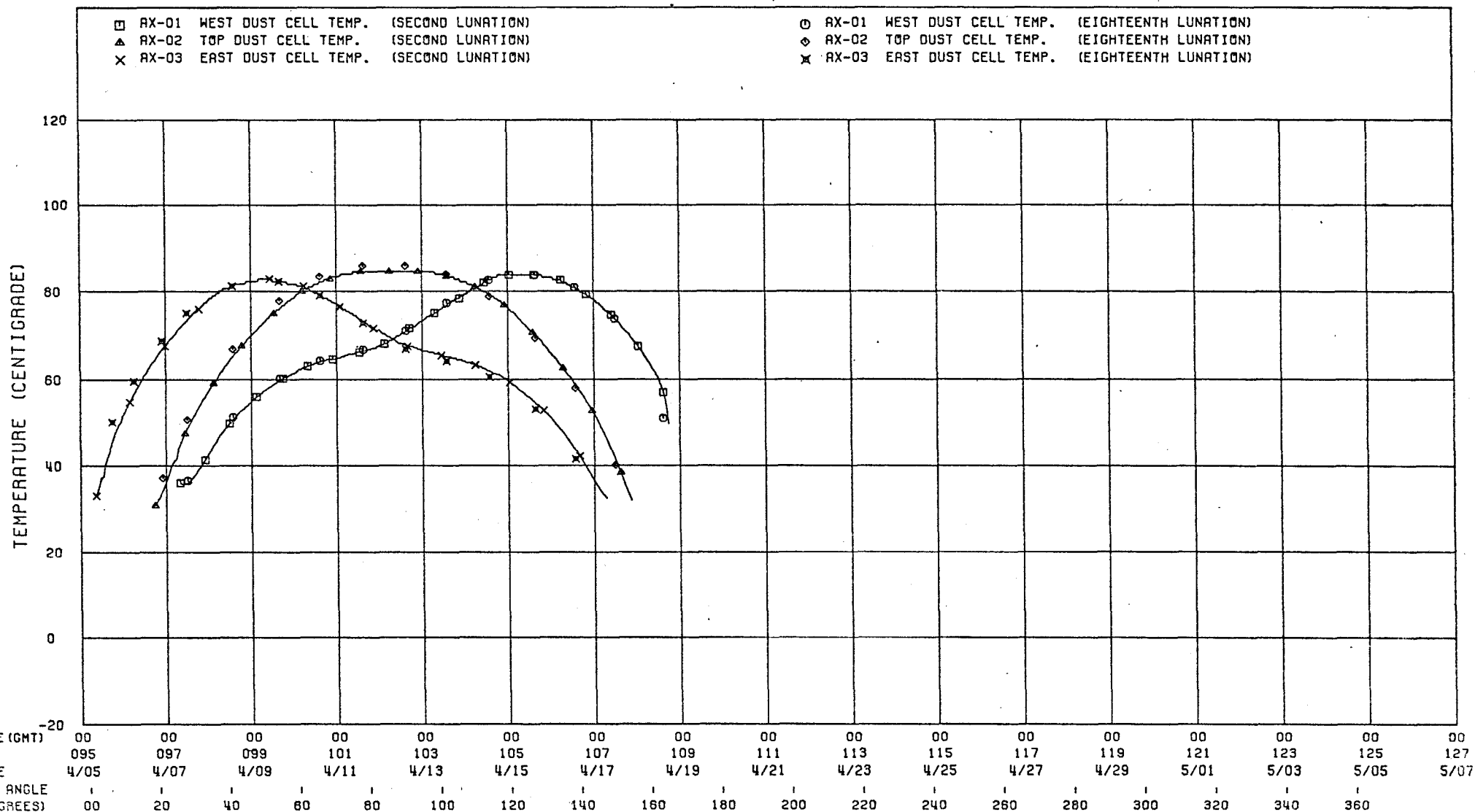
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 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



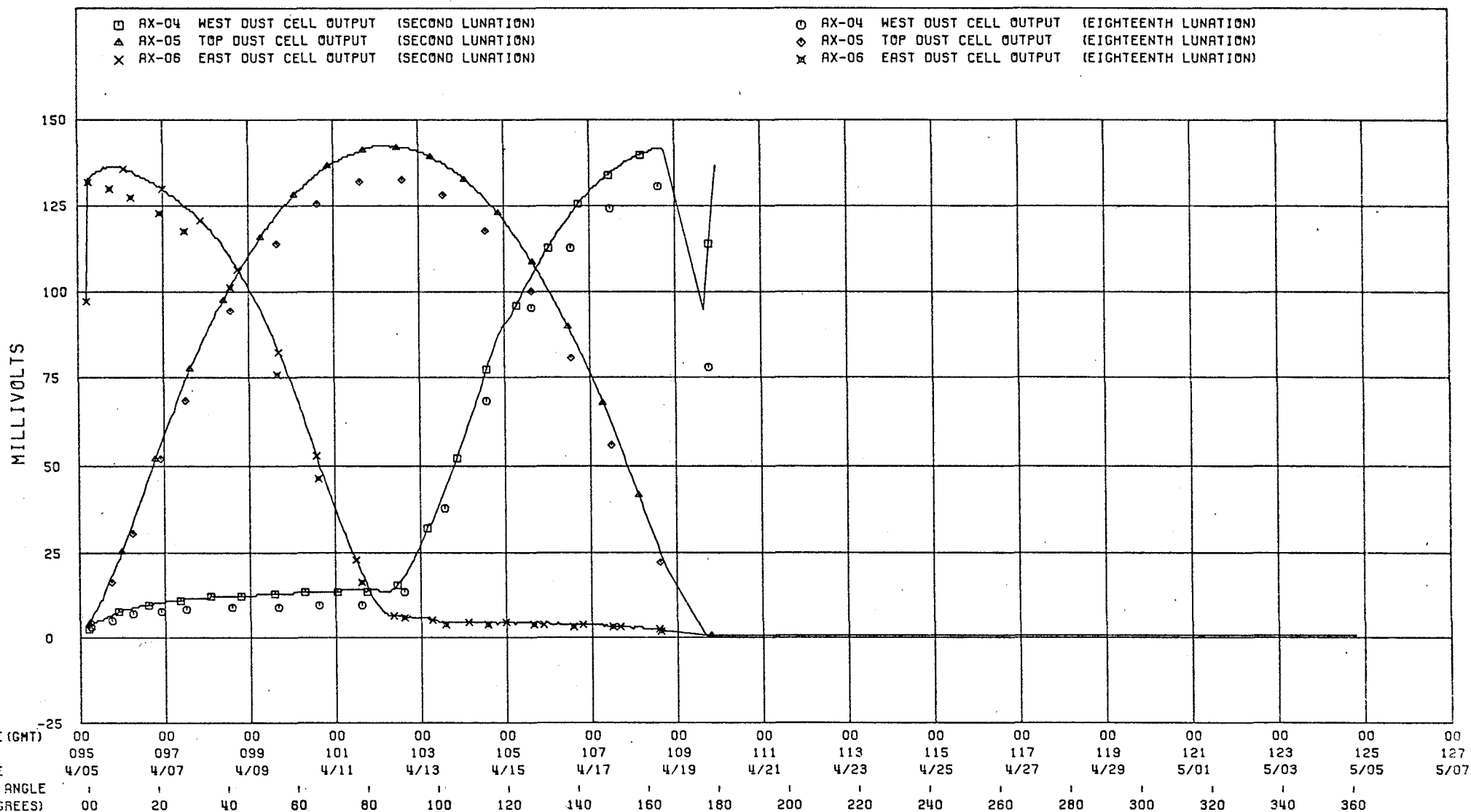
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 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



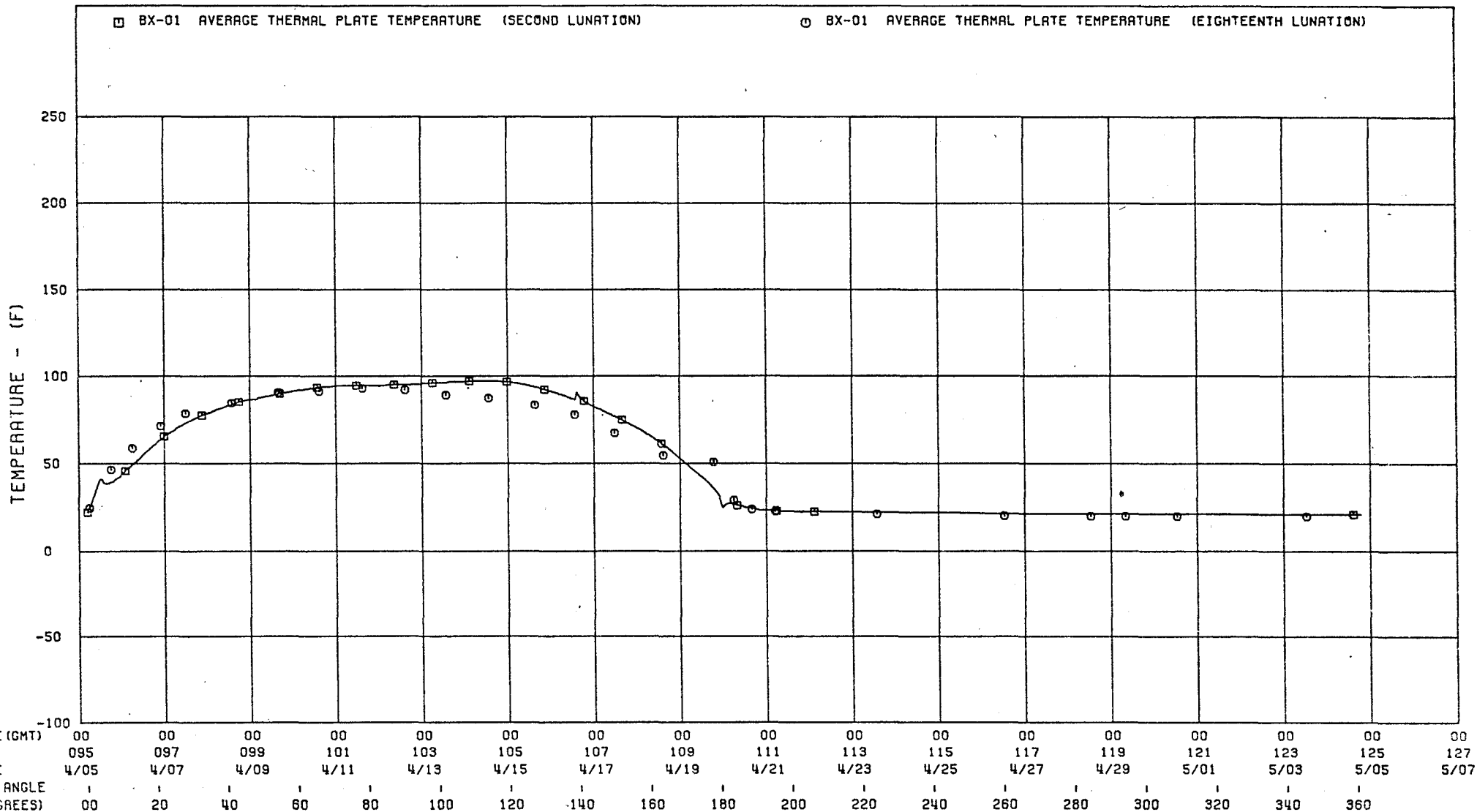
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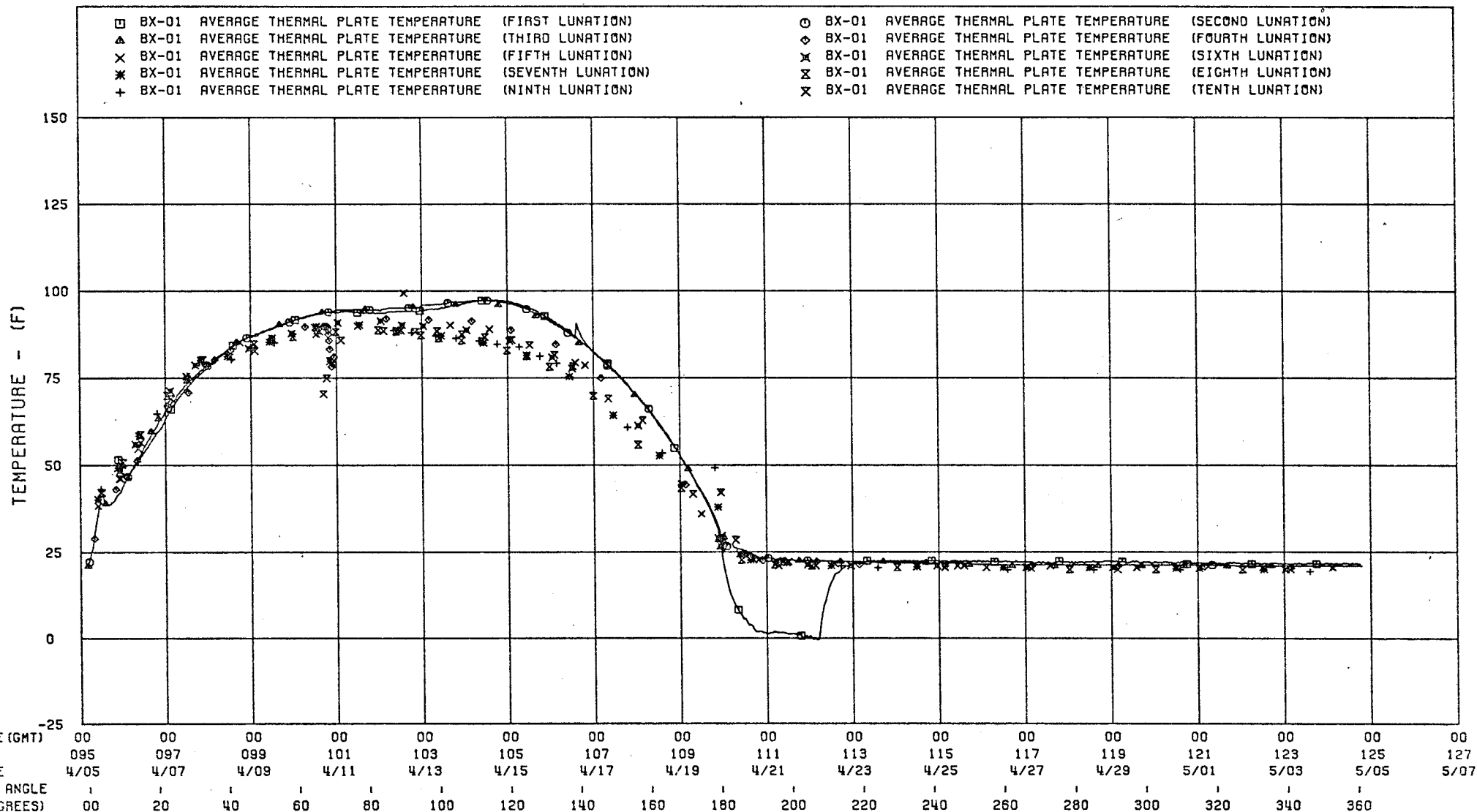
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 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



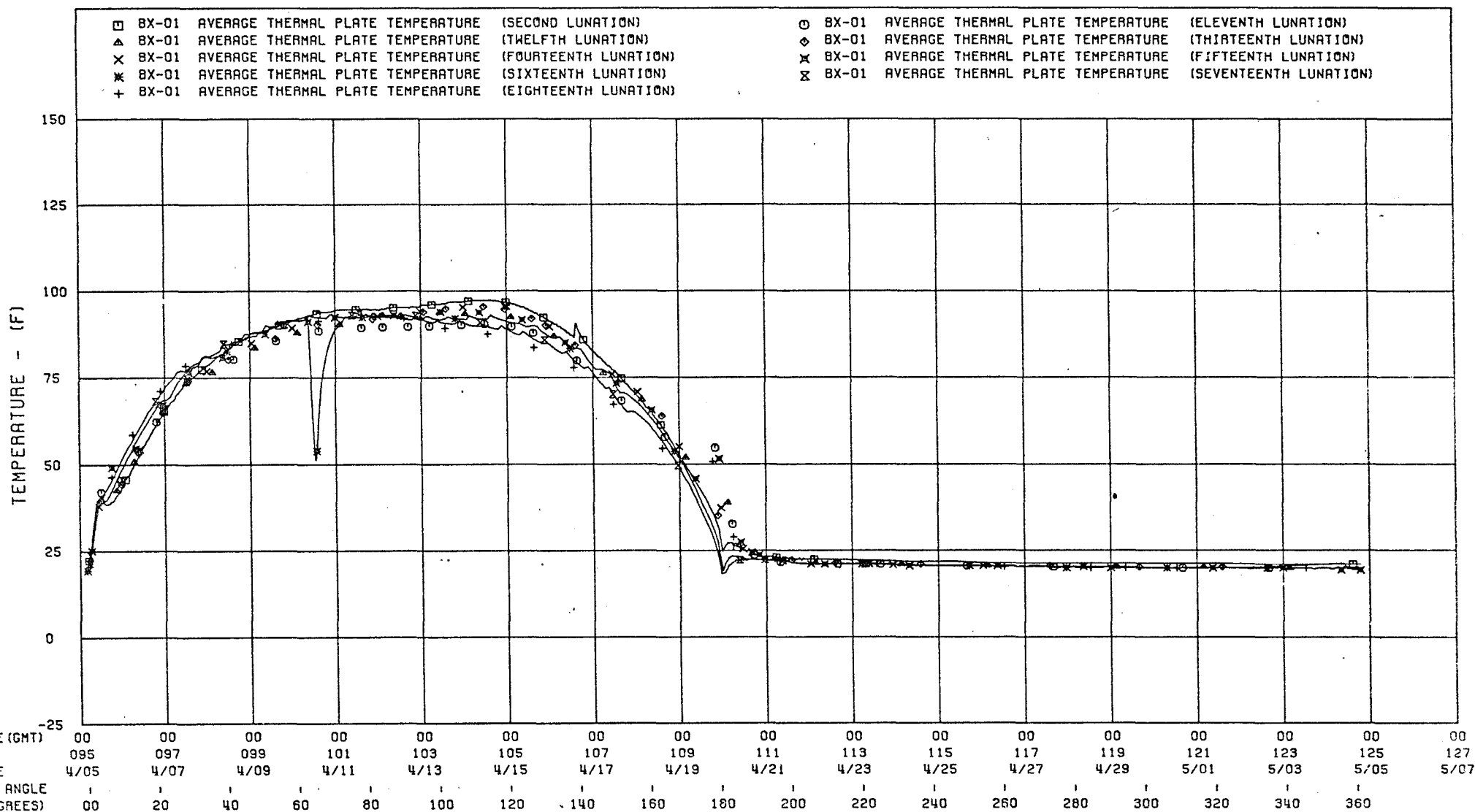
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 ( MAY 4, 1971) AT 1620 GMT



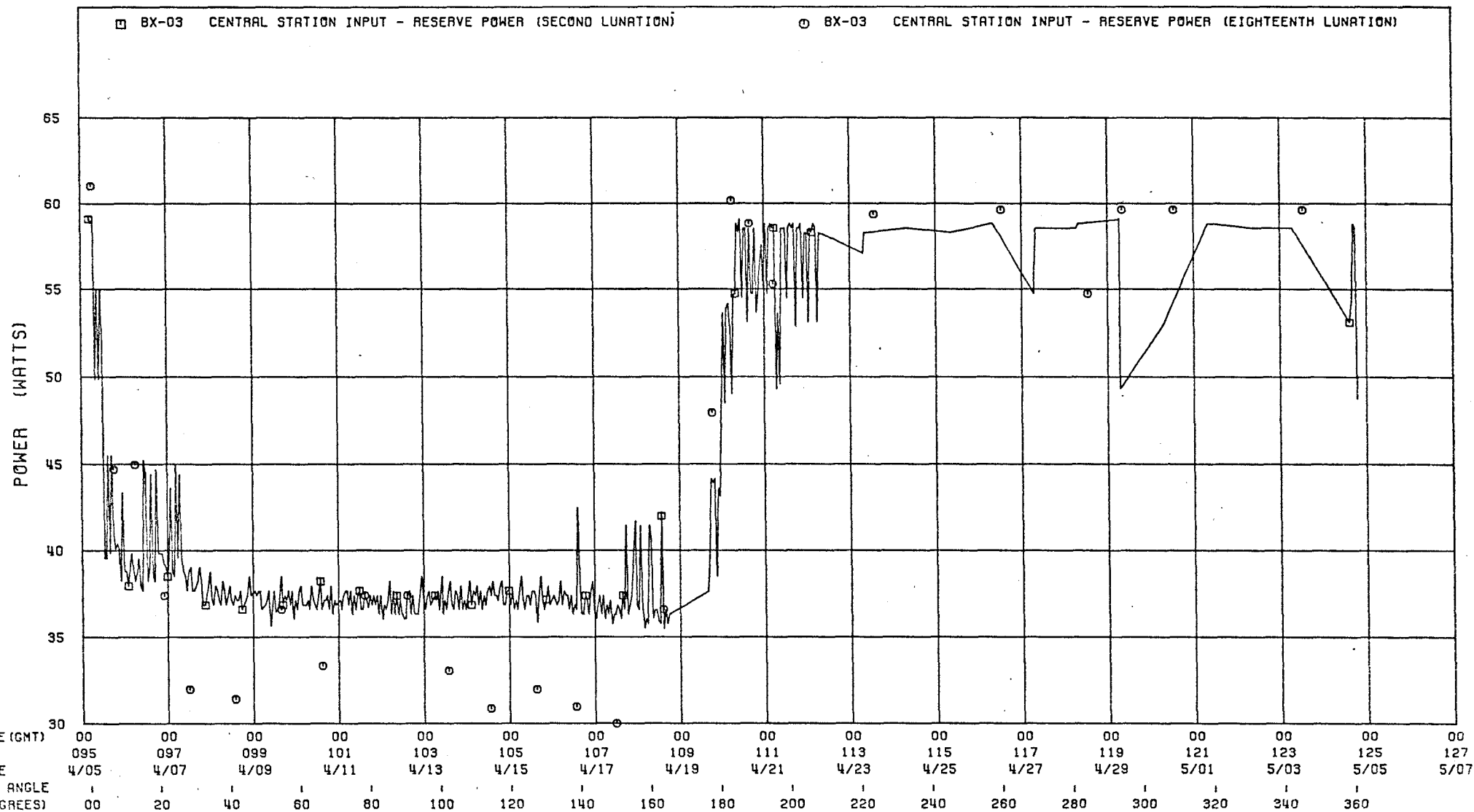
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
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 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



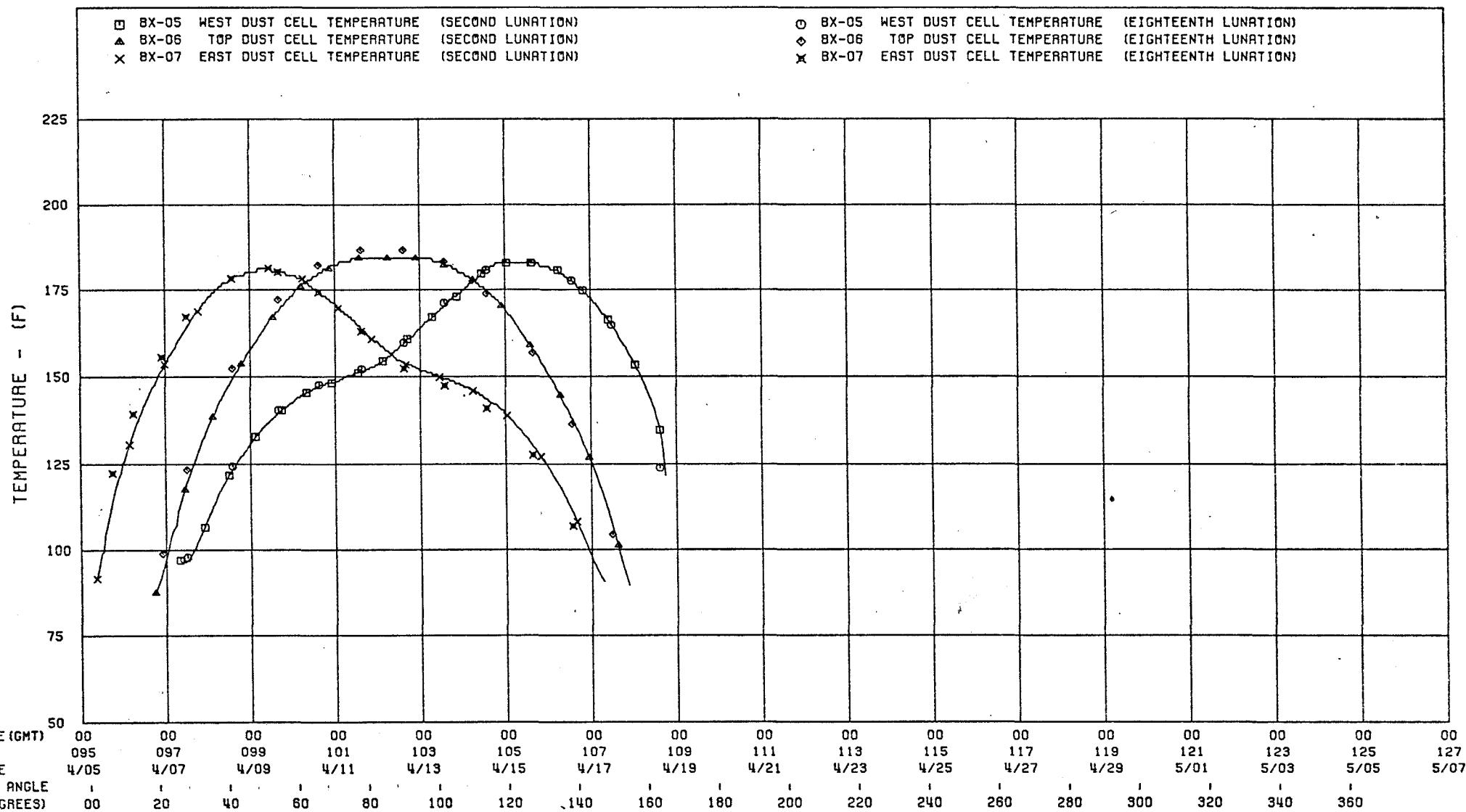
SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



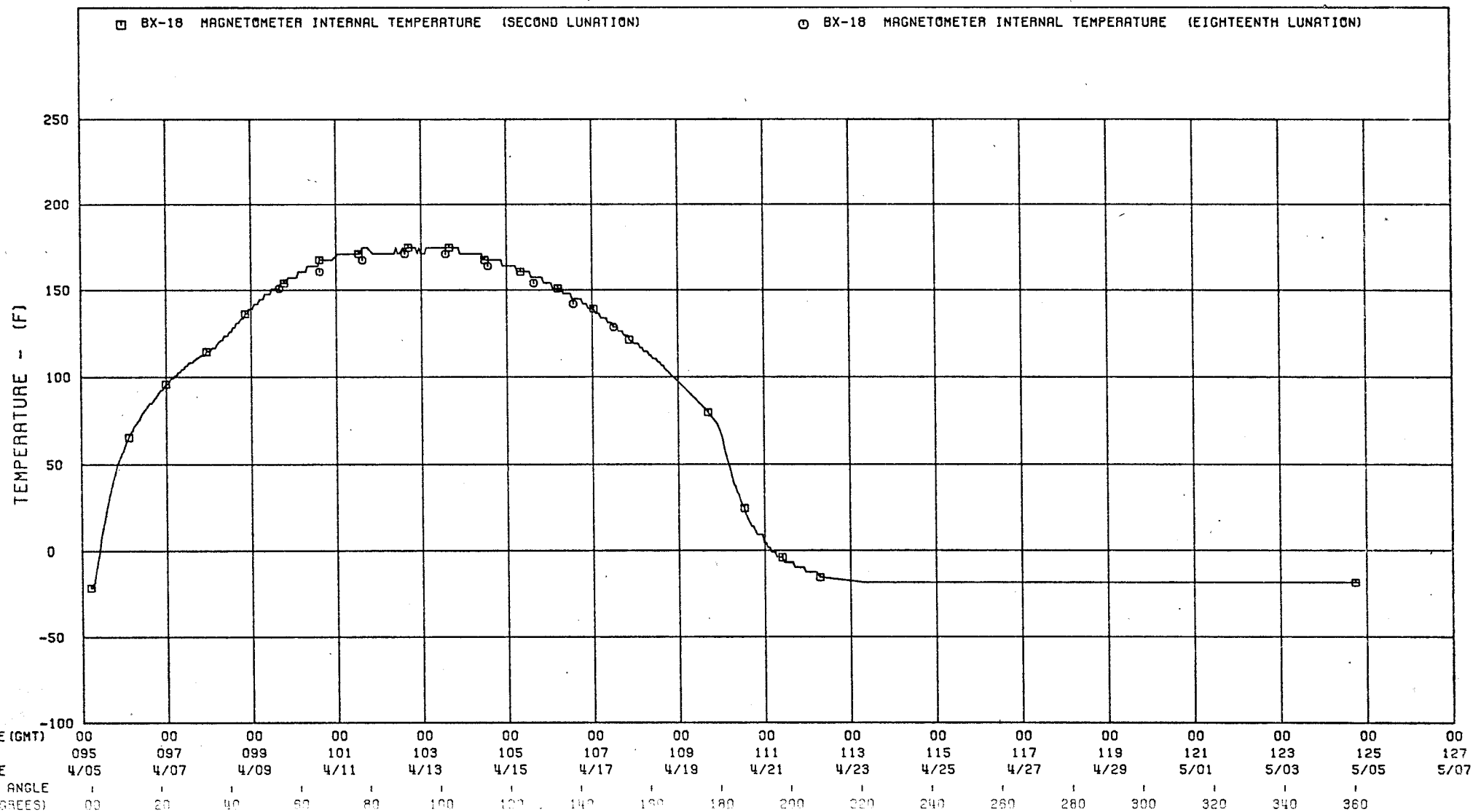
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
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 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



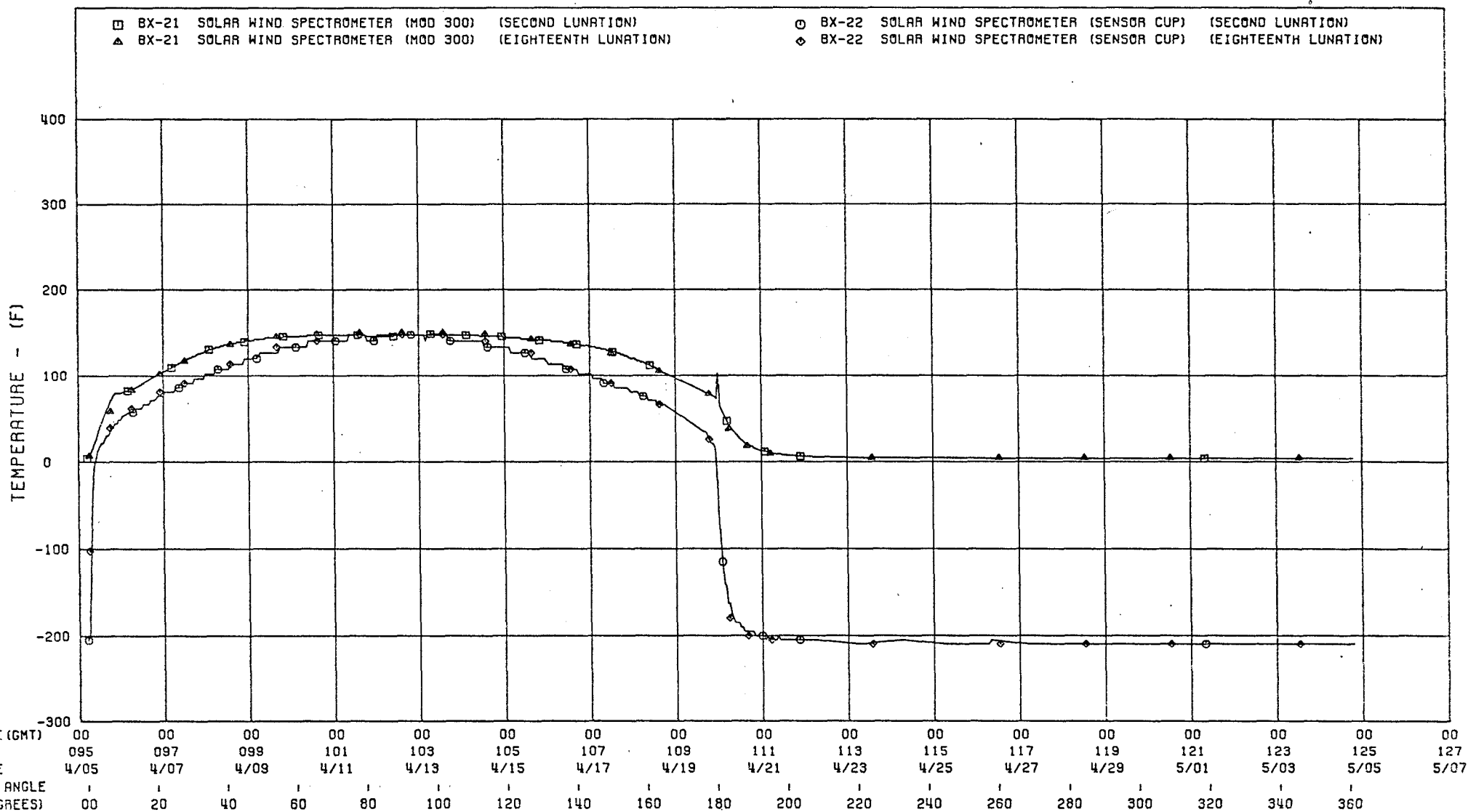
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT

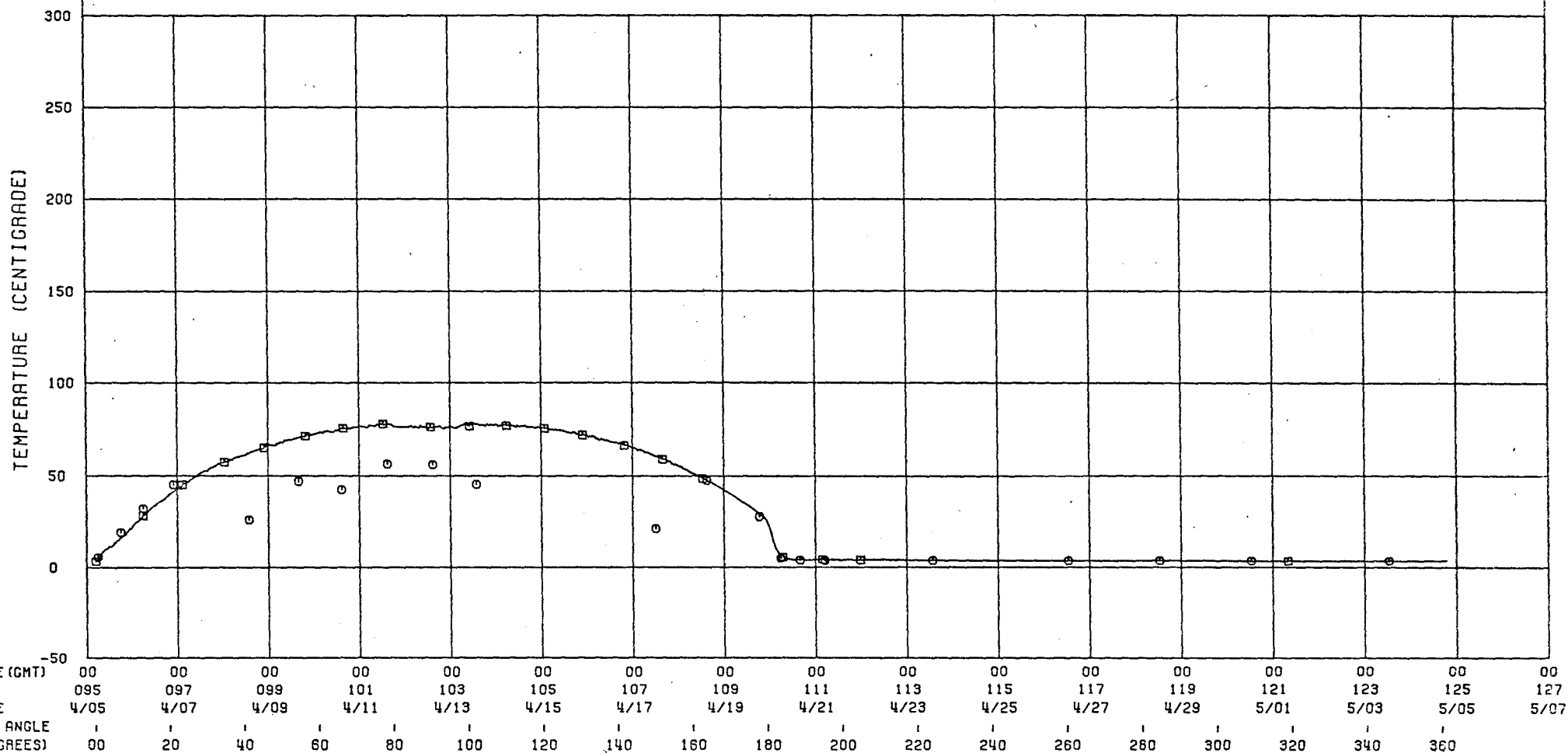


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT

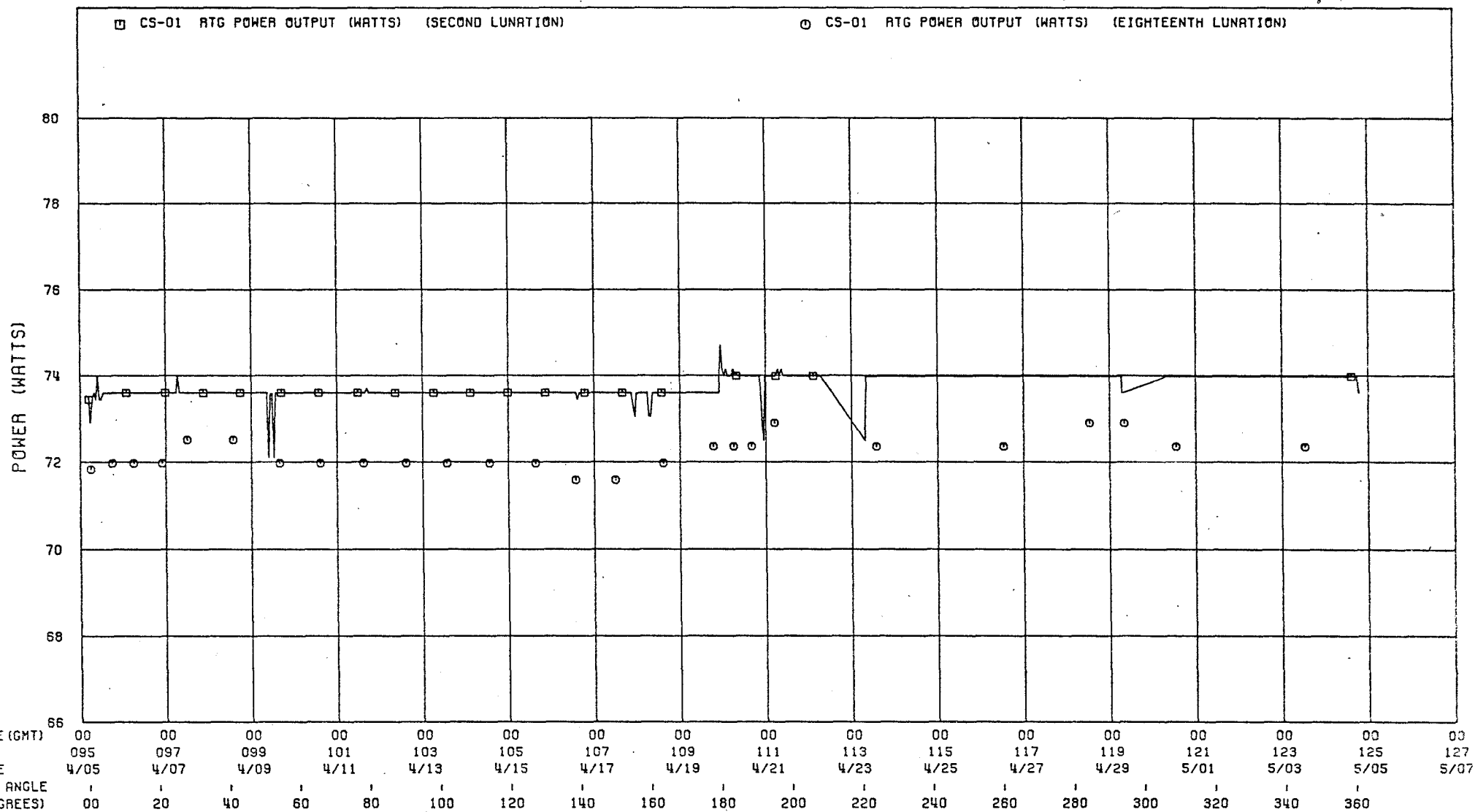


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT

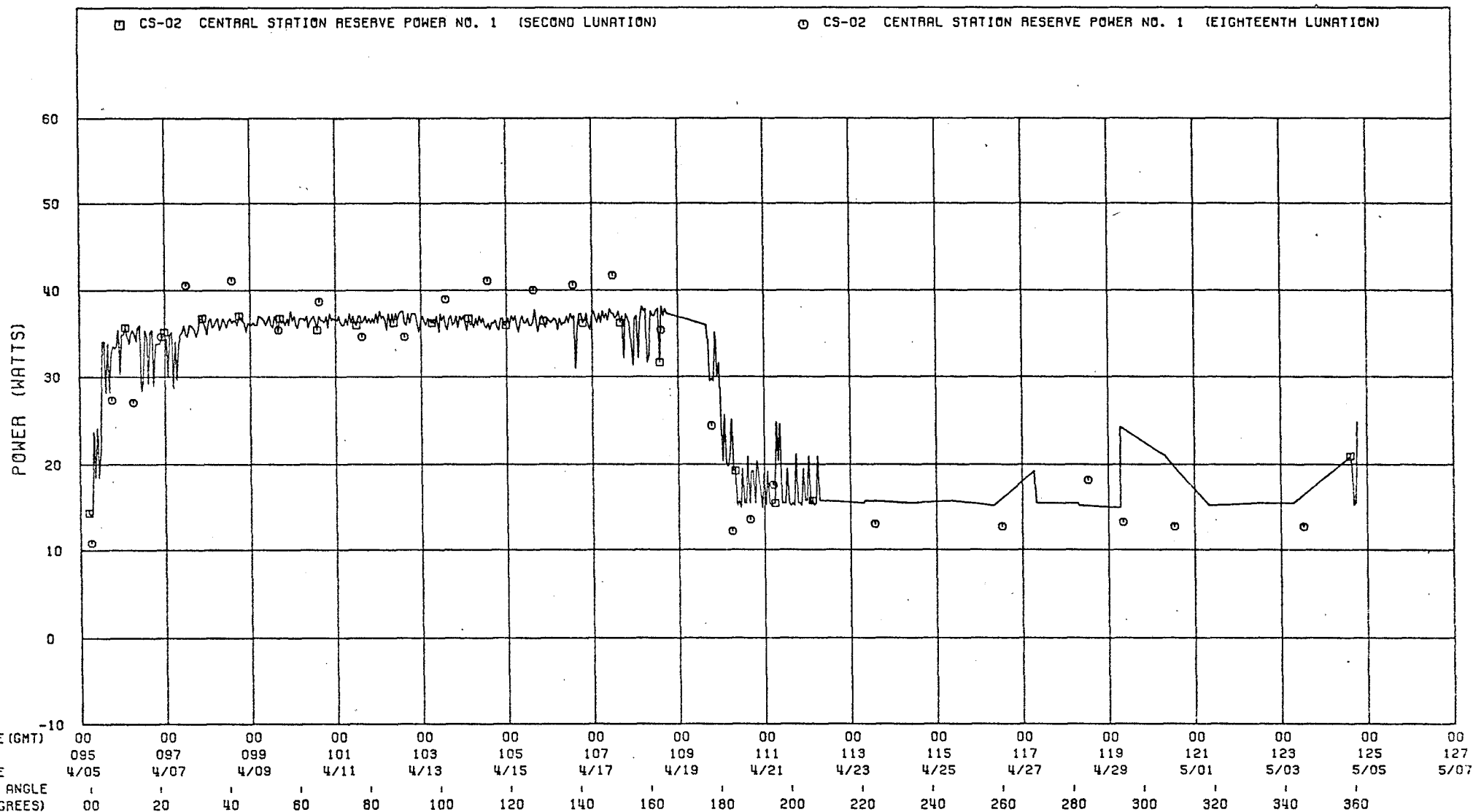
□ BX-23 AVERAGE SIDE TEMPERATURE (SECOND LUNATION)
○ BX-23 AVERAGE SIDE TEMPERATURE (EIGHTEENTH LUNATION)



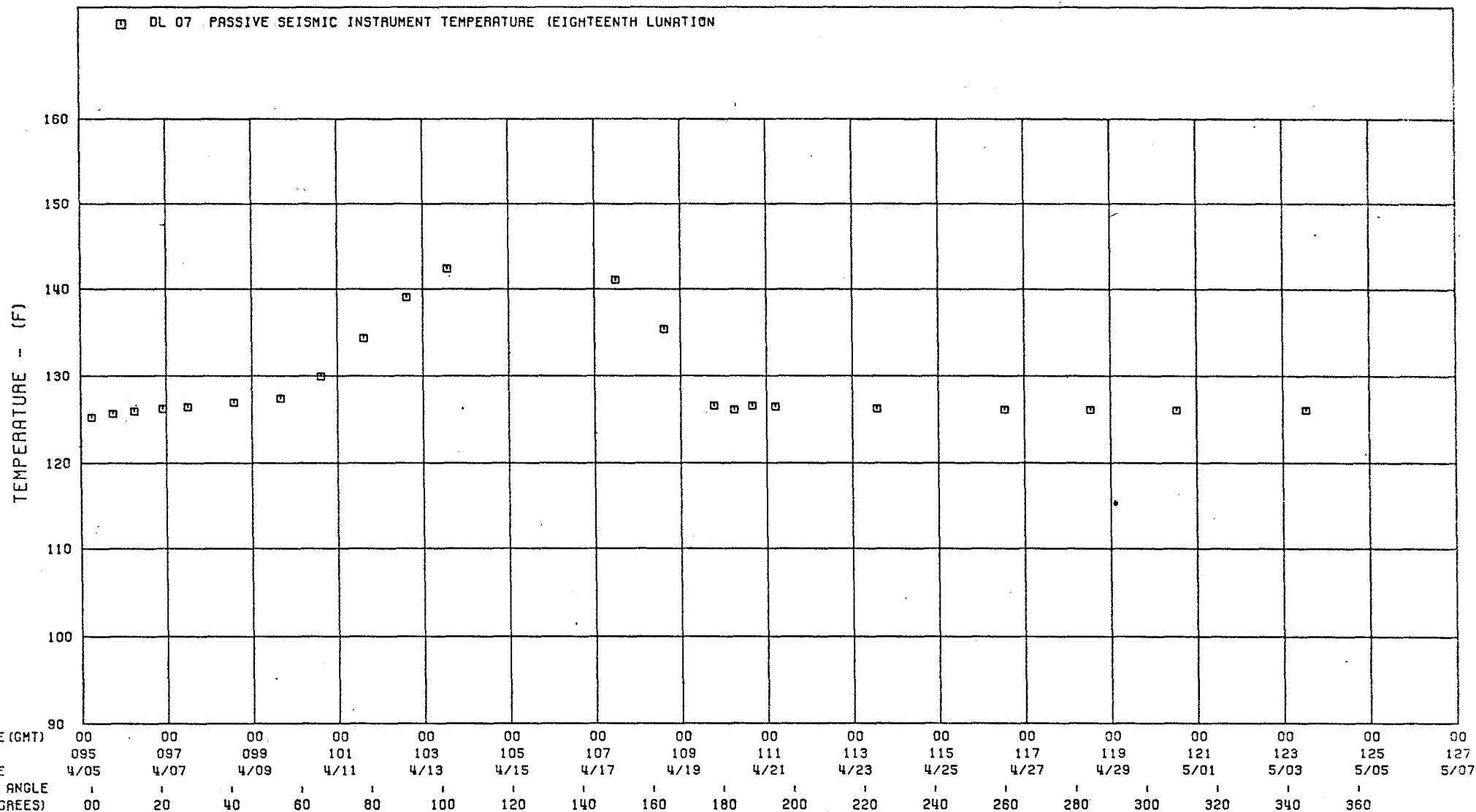
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



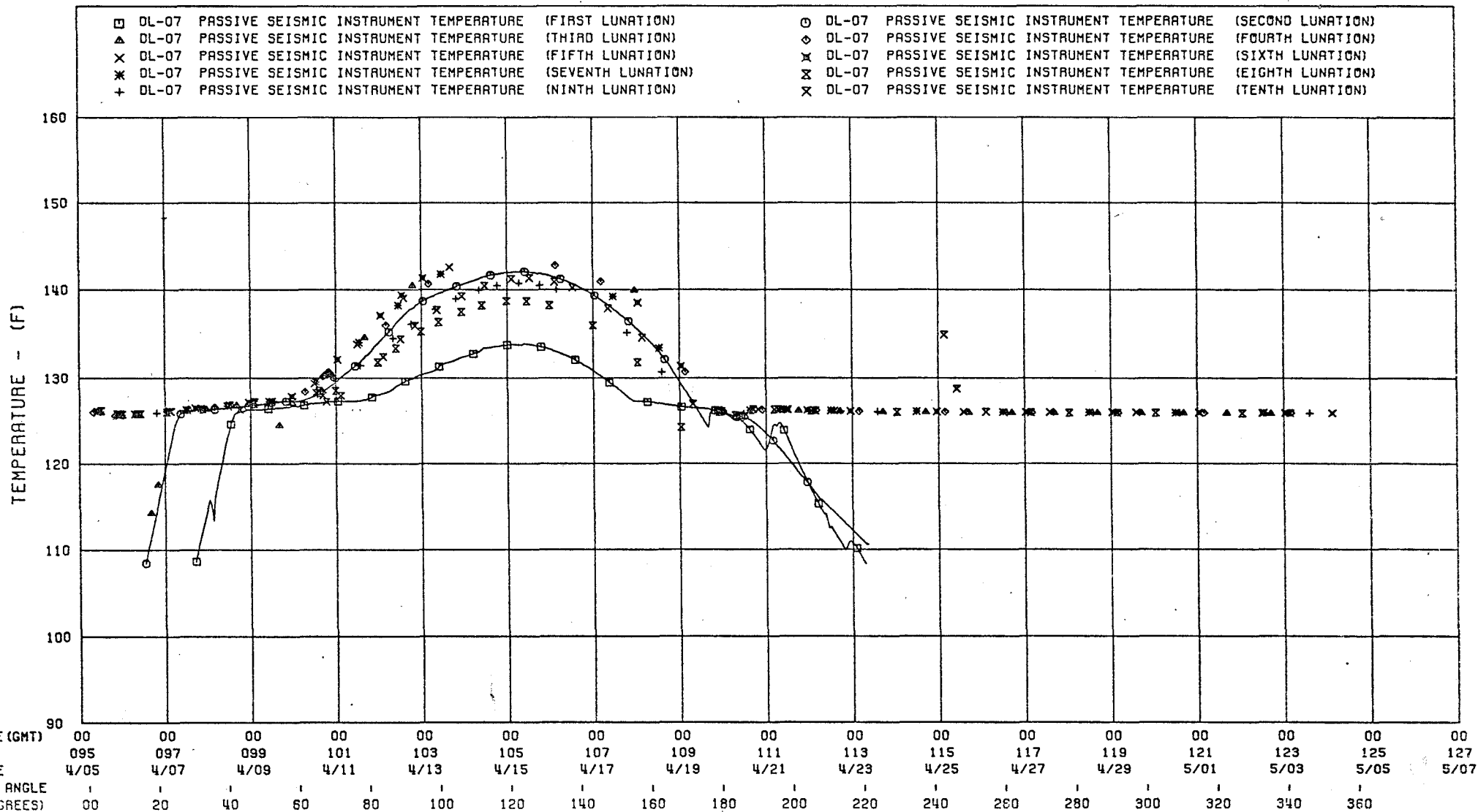
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT

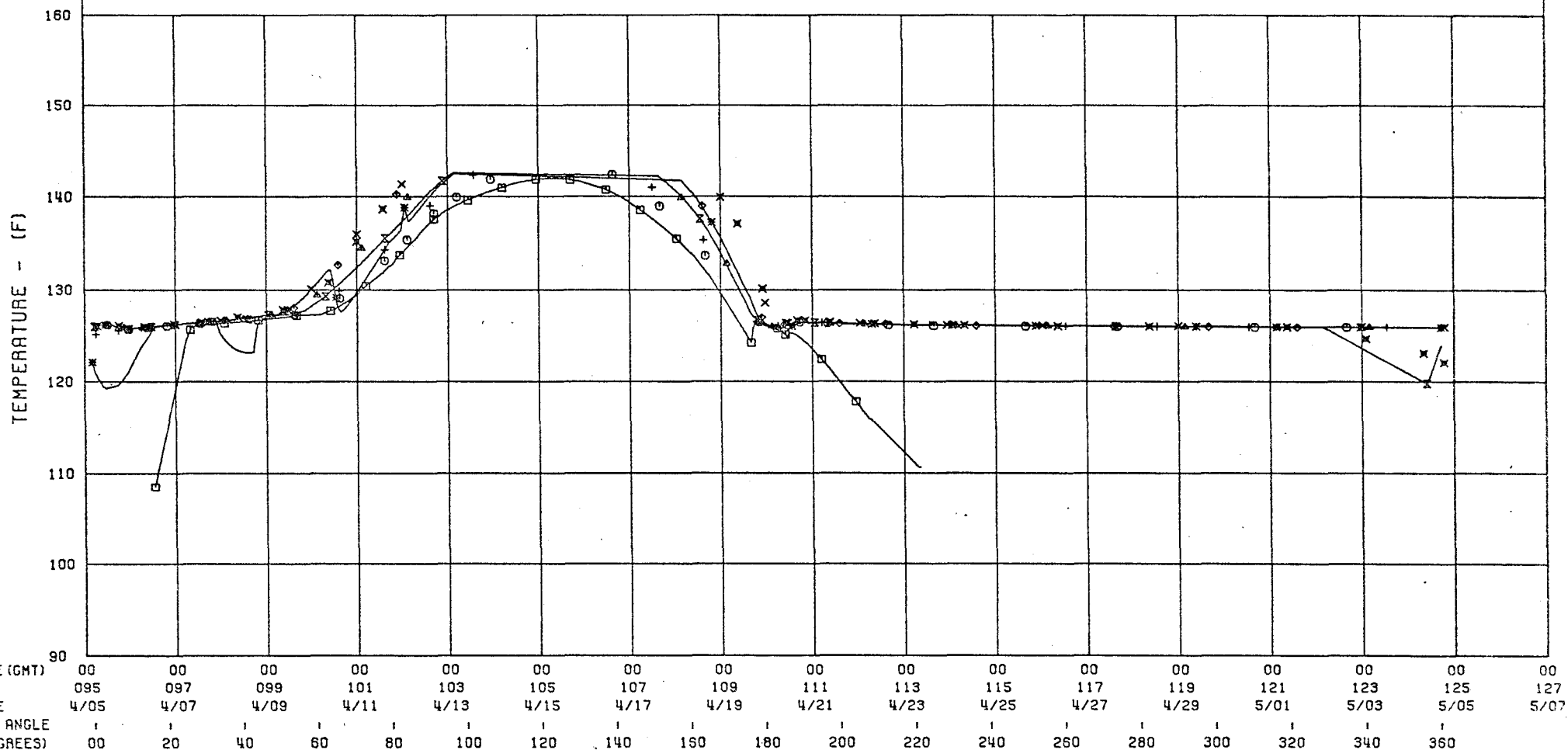


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
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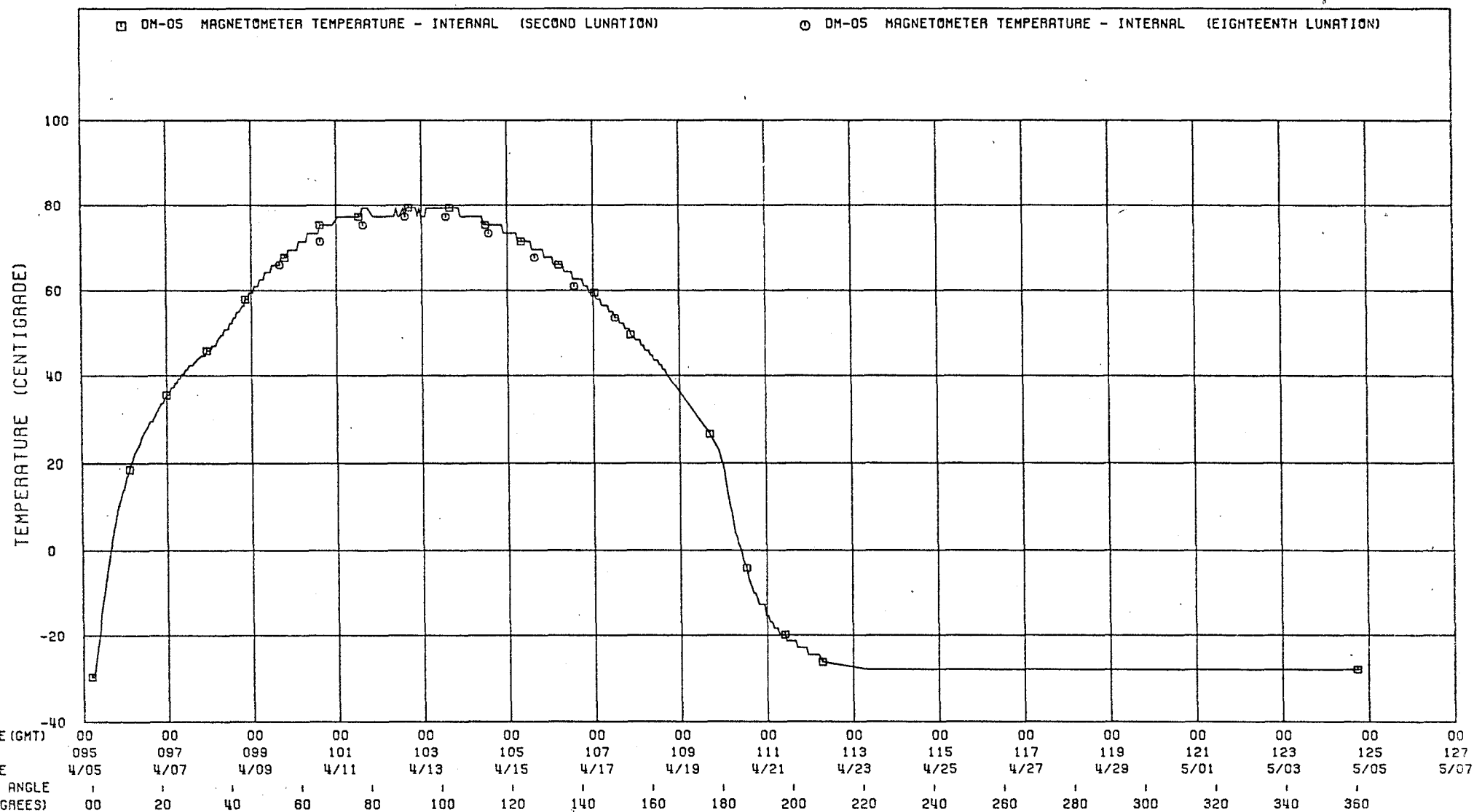


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT

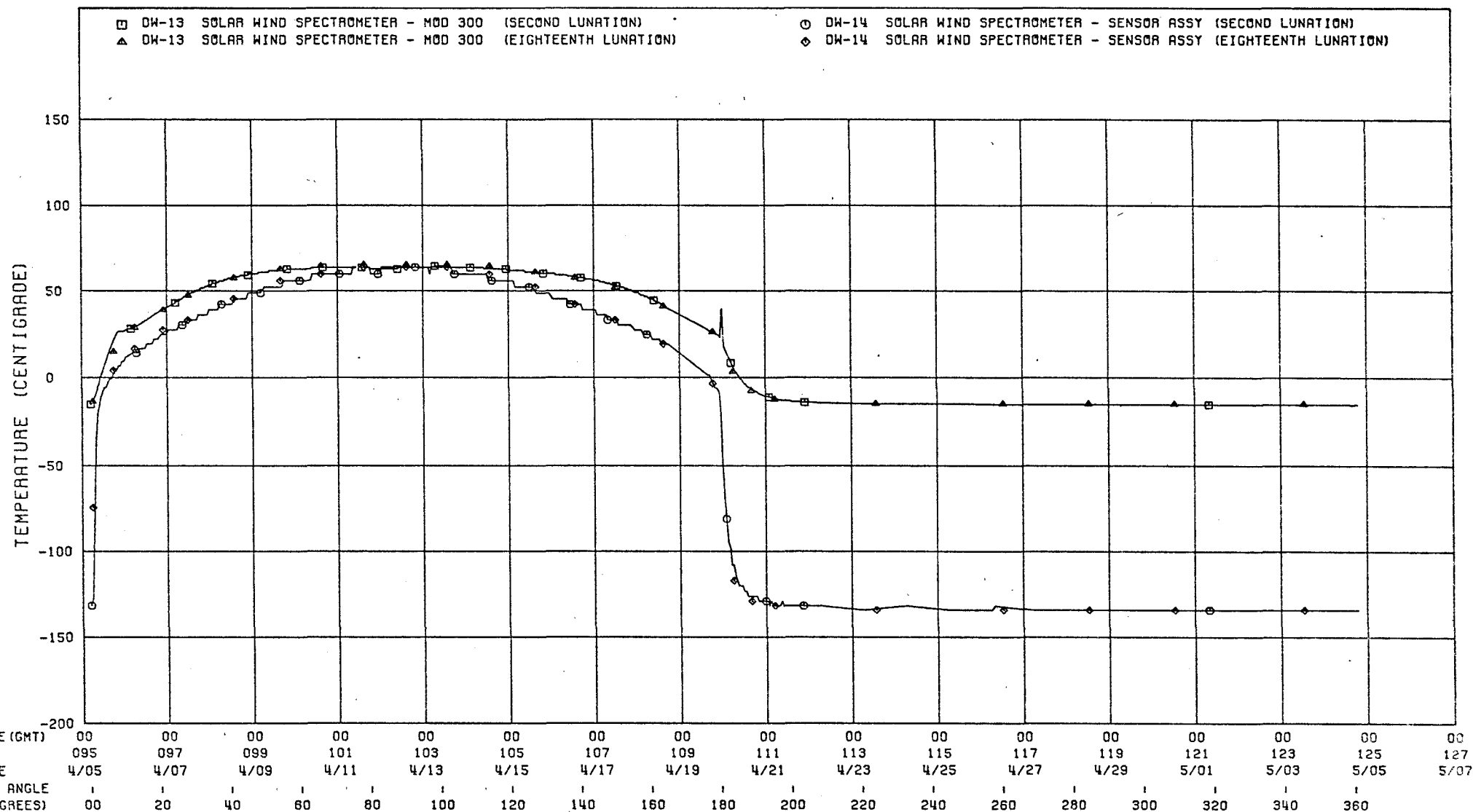
|                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>□ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SECOND LUNATION)</p> <p>△ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (TWELFTH LUNATION)</p> <p>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FOURTEENTH LUNATION)</p> <p>* DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (SIXTEENTH LUNATION)</p> <p>+ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (EIGHTEENTH LUNATION)</p> | <p>○ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (ELEVENTH LUNATION)</p> <p>◇ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (THIRTEENTH LUNATION)</p> <p>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (FIFTEENTH LUNATION)</p> <p>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE-SEVENTEENTH LUNATION</p> |
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BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 18 TH ALSEP LUNATION  
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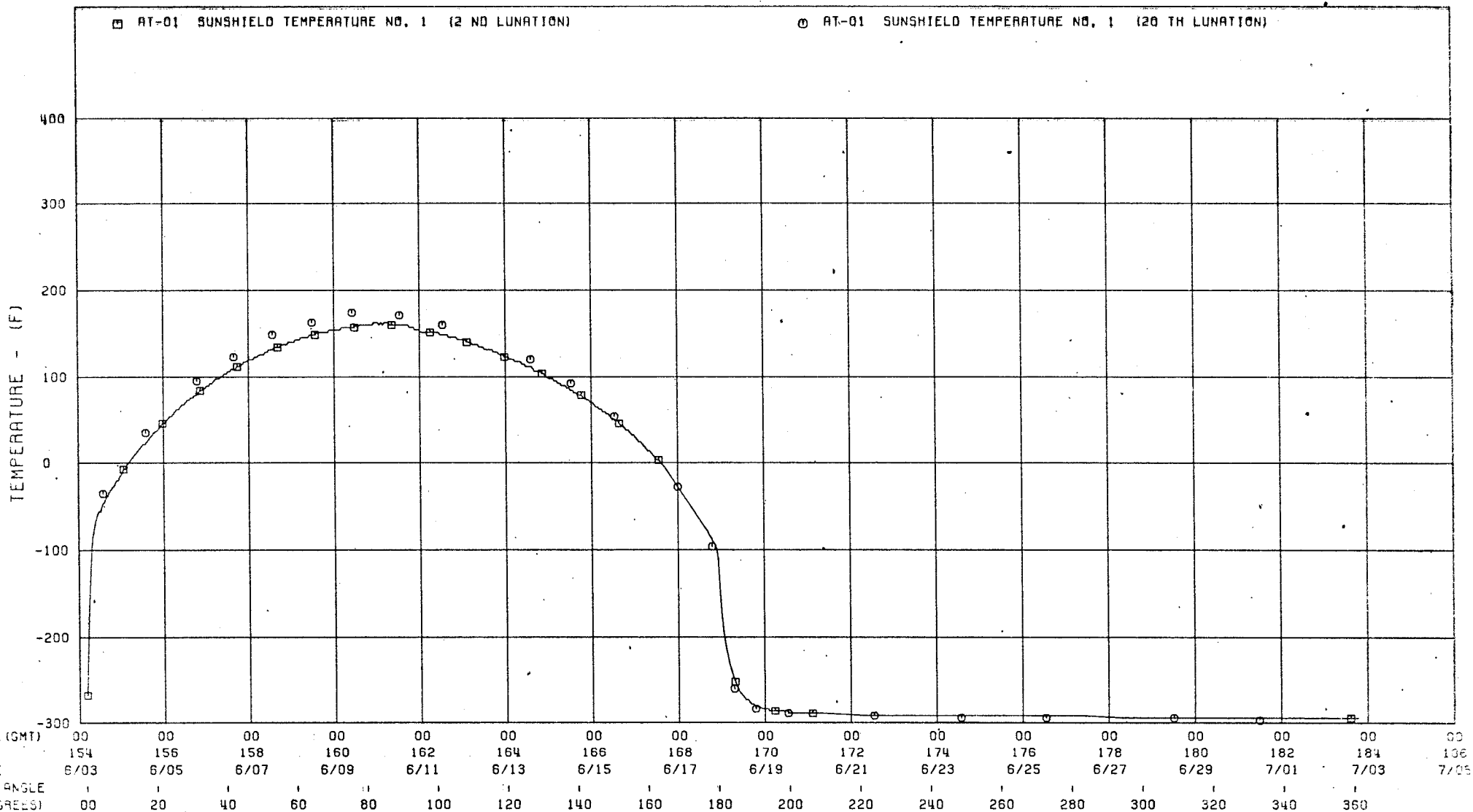


1 SUNRISE DAY 095 (APRIL 5, 1971) AT 0405 GMT  
SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT



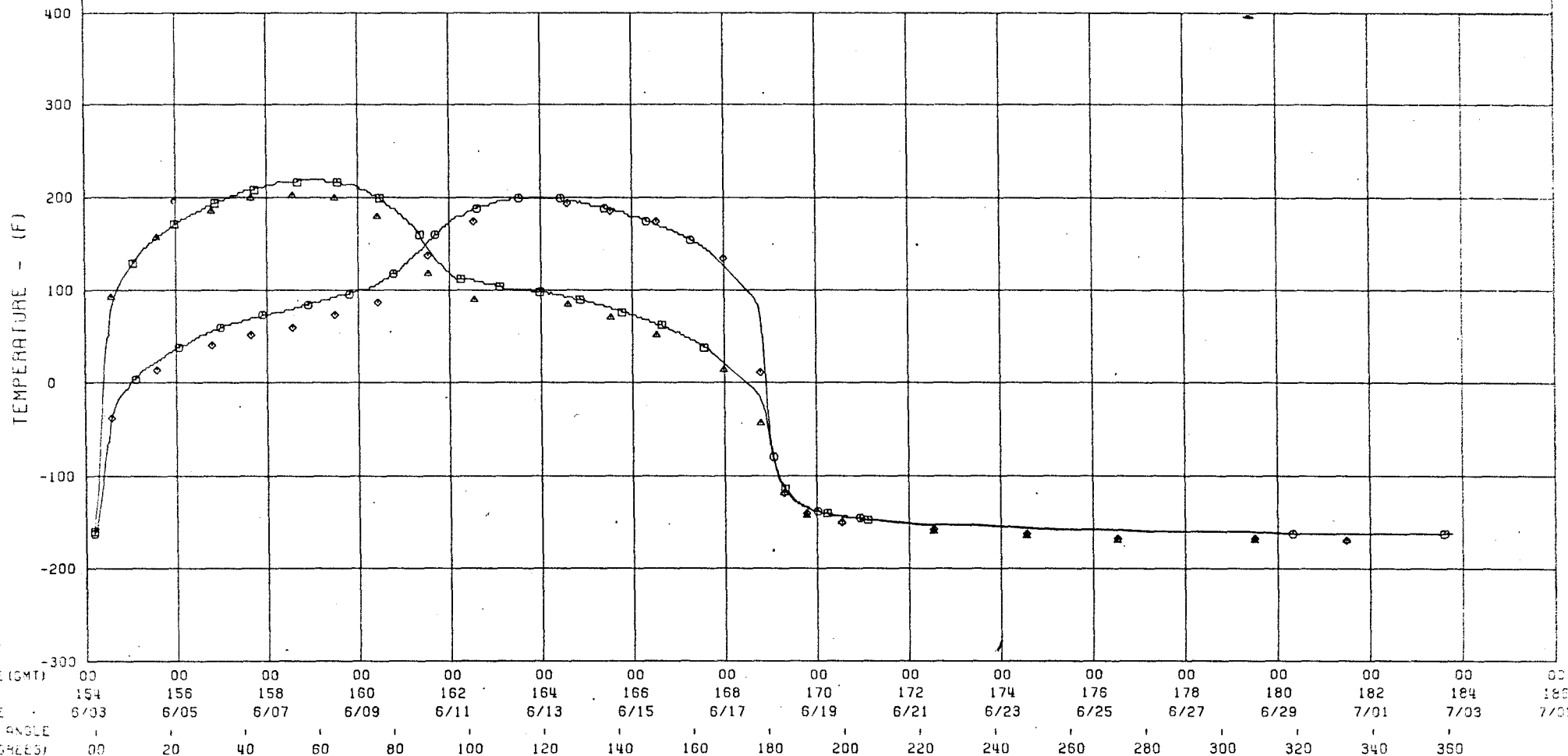
R. Miley

BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

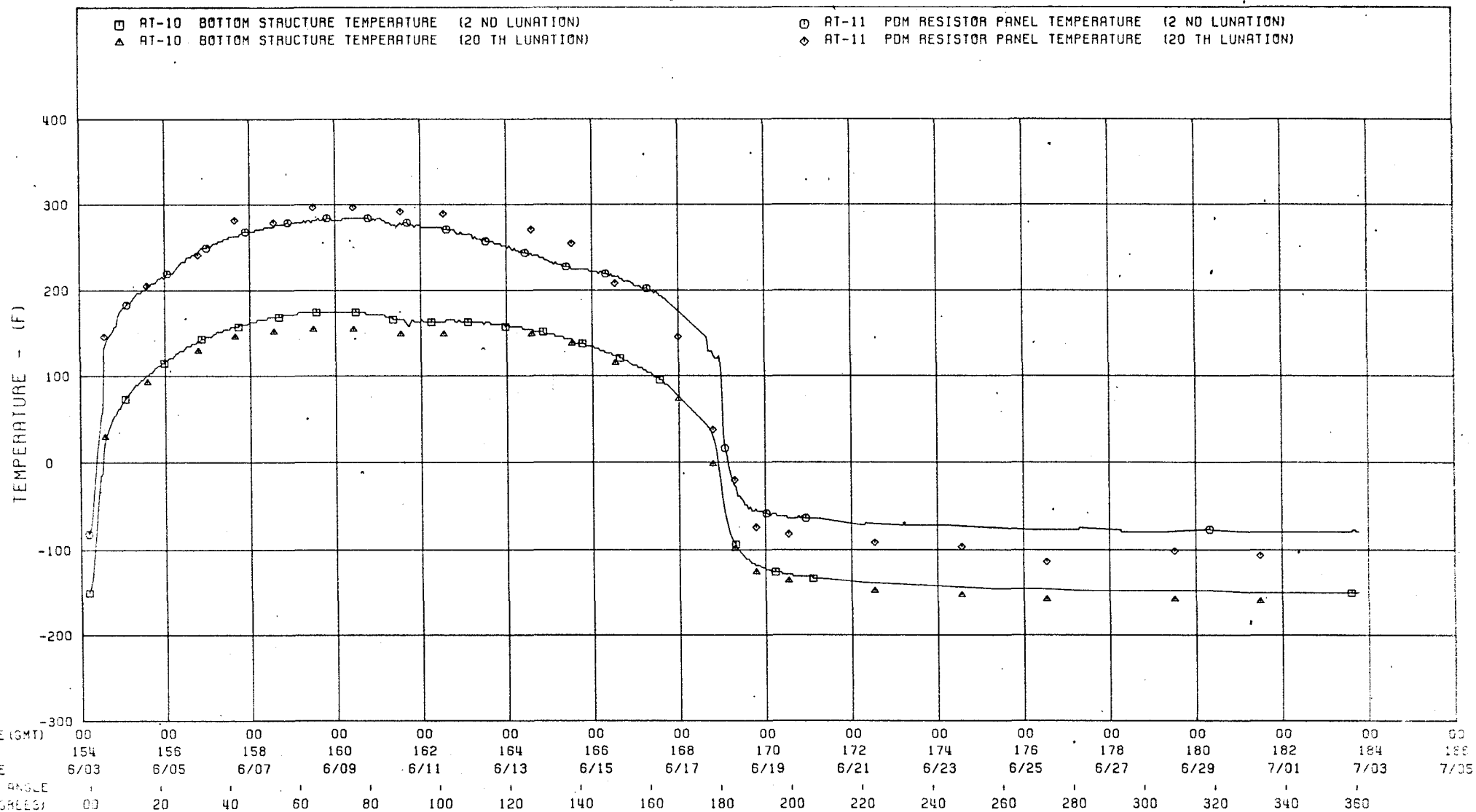


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

□ AT-08 EAST SIDE STRUCTURE TEMPERATURE (2 NO LUNATION)      ○ AT-09 WEST SIDE STRUCTURE TEMPERATURE (2 NO LUNATION)  
 ▲ AT-08 EAST SIDE STRUCTURE TEMPERATURE (20 TH LUNATION)      ◇ AT-09 WEST SIDE STRUCTURE TEMPERATURE (20 TH LUNATION)



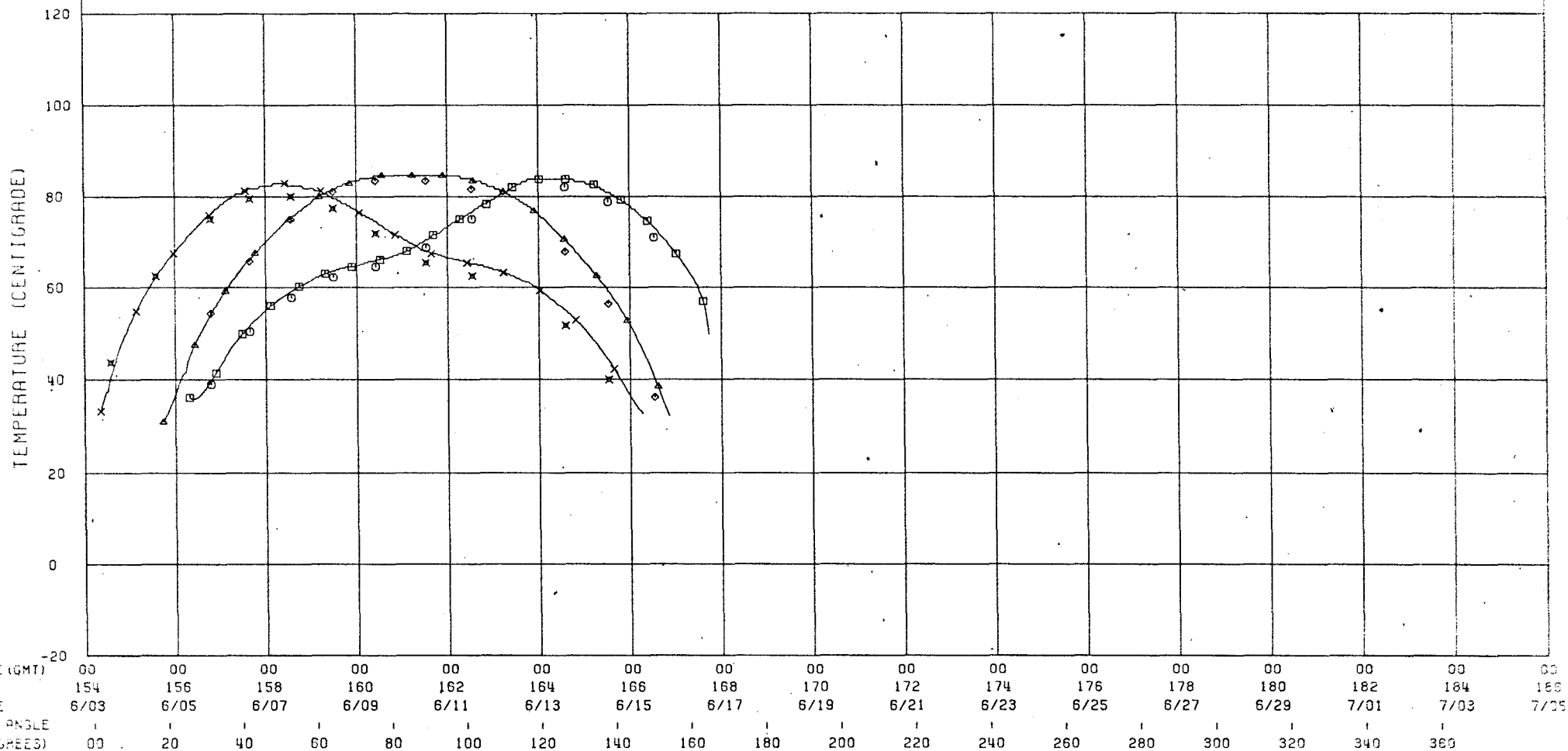
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT



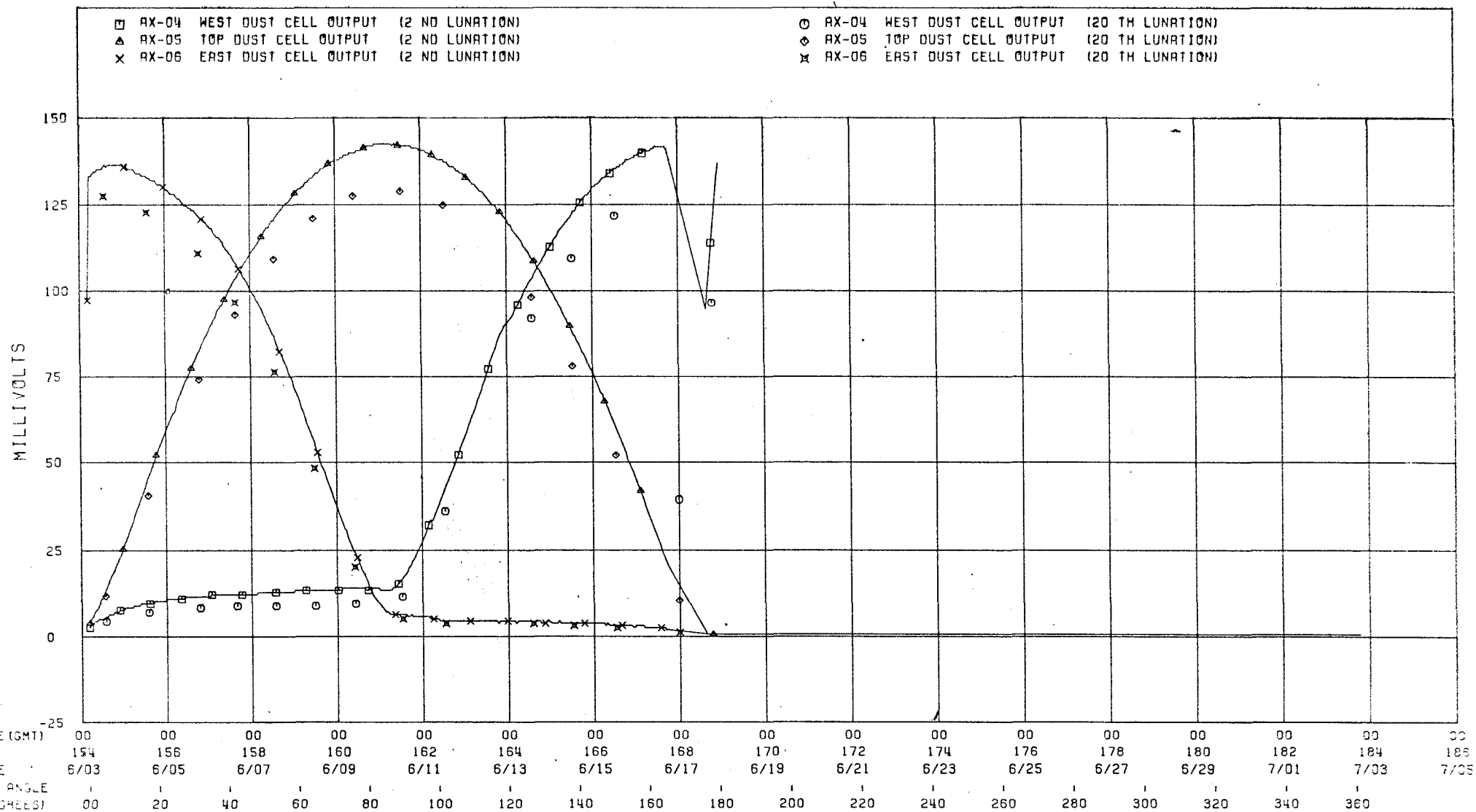
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

□ AX-01 WEST DUST CELL TEMP. (2 NO LUNATION)  
 ▲ AX-02 TOP DUST CELL TEMP. (2 NO LUNATION)  
 × AX-03 EAST DUST CELL TEMP. (2 NO LUNATION)

○ AX-01 WEST DUST CELL TEMP. (20 TH LUNATION)  
 ◇ AX-02 TOP DUST CELL TEMP. (20 TH LUNATION)  
 ✕ AX-03 EAST DUST CELL TEMP. (20 TH LUNATION)

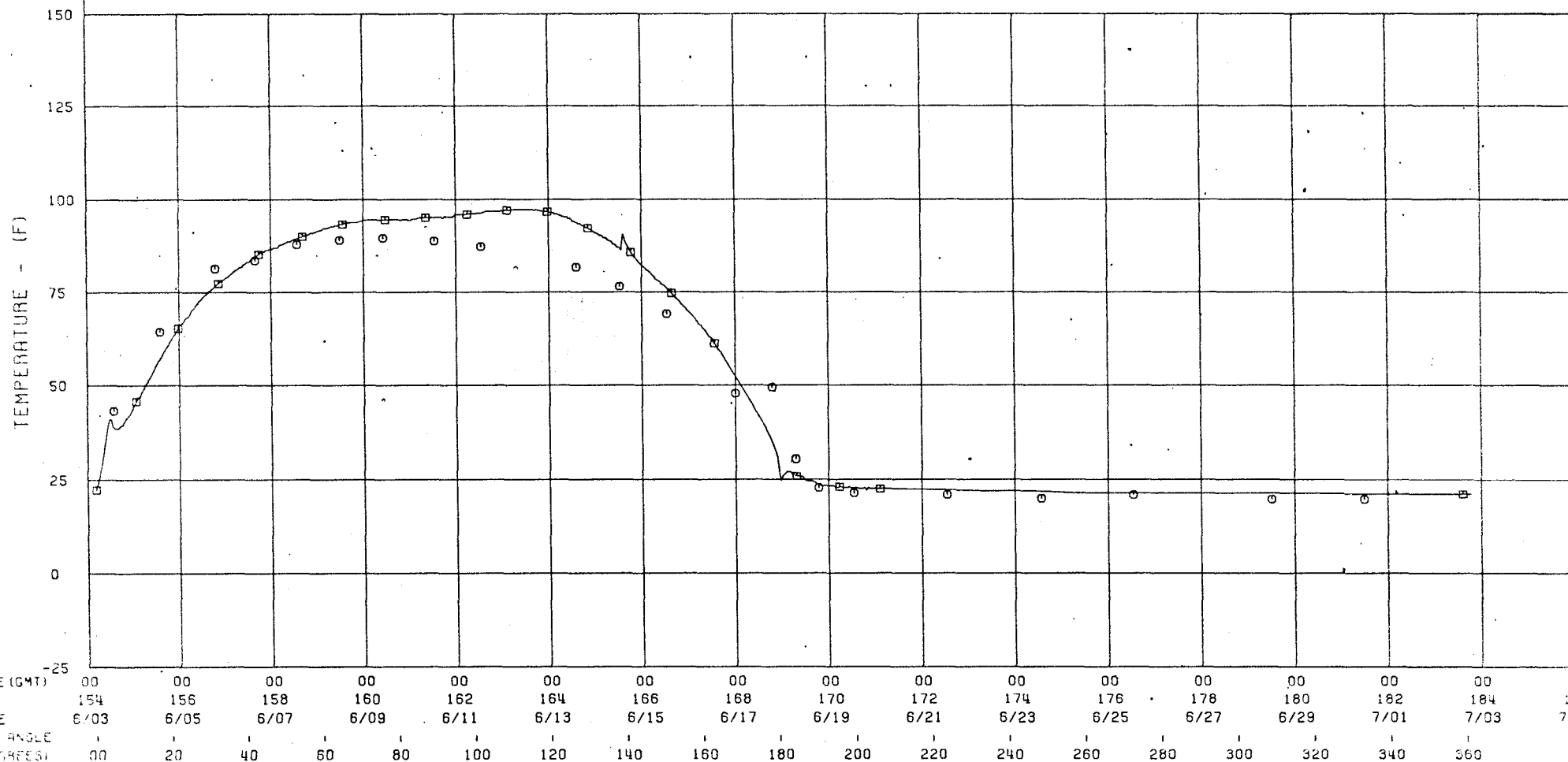


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

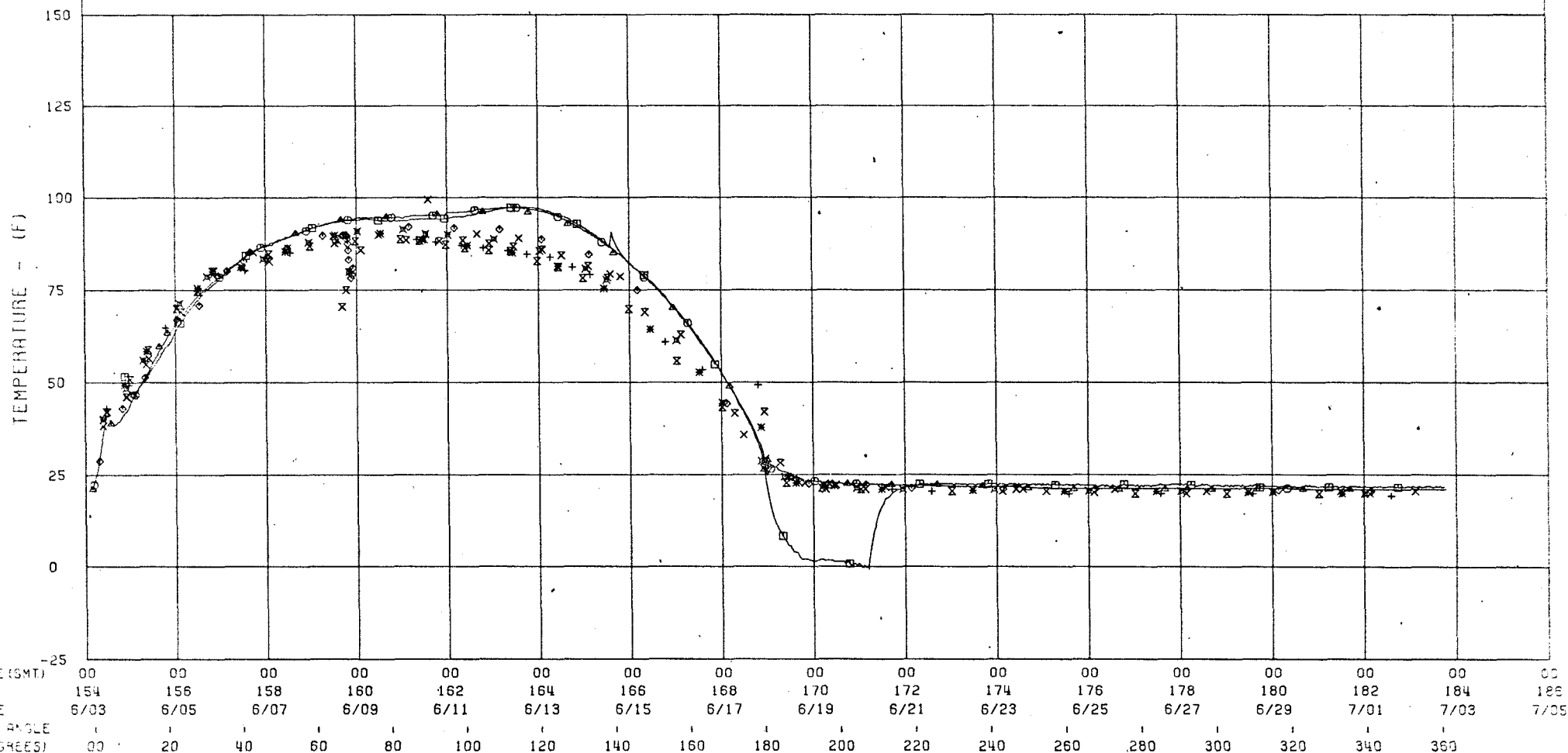
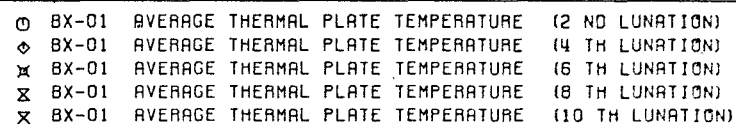


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

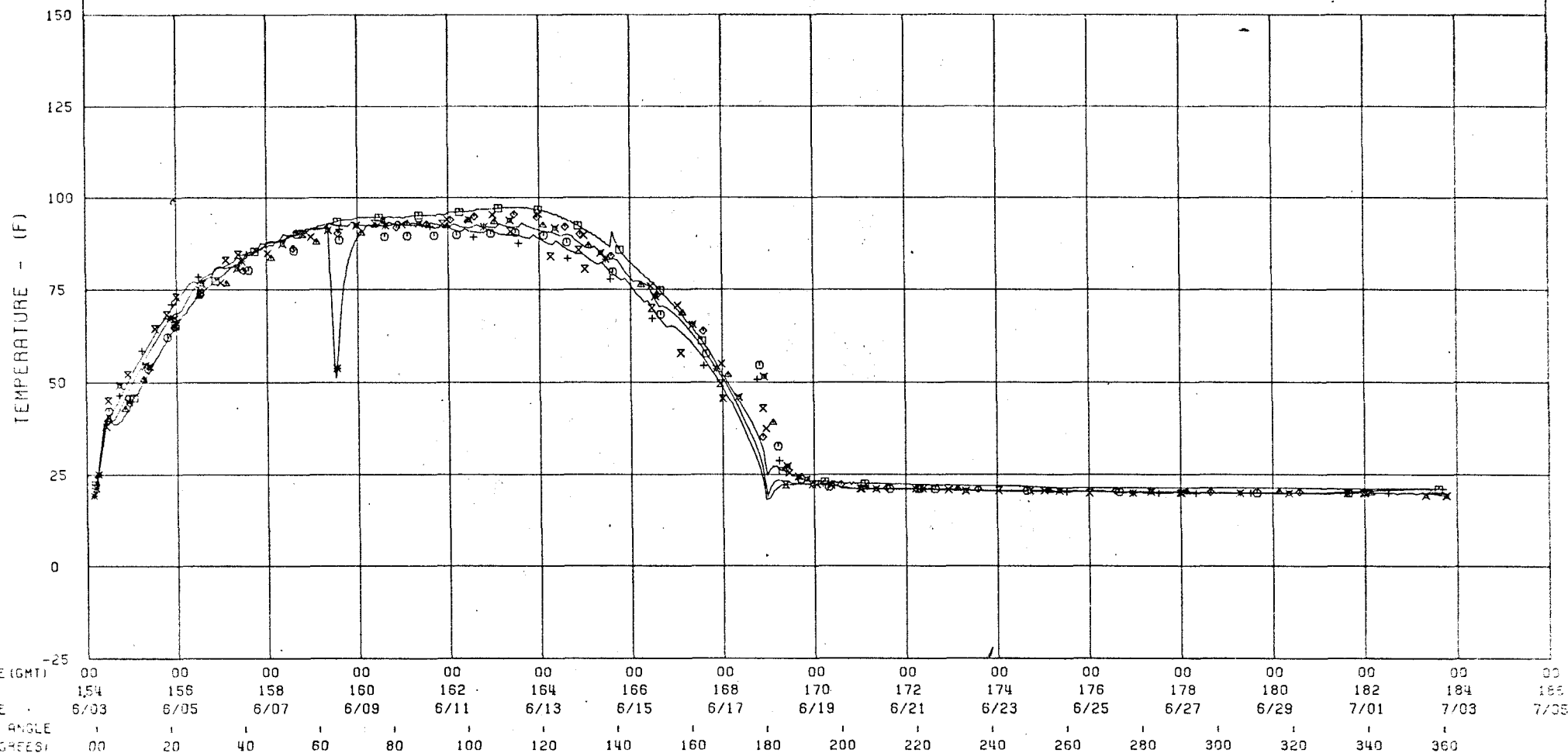
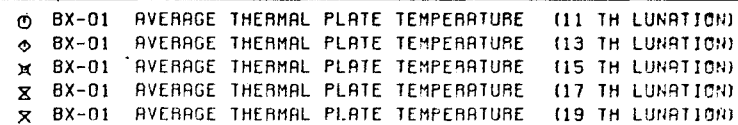
□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (2 ND LUNATION)      ○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (20 TH LUNATION)



SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

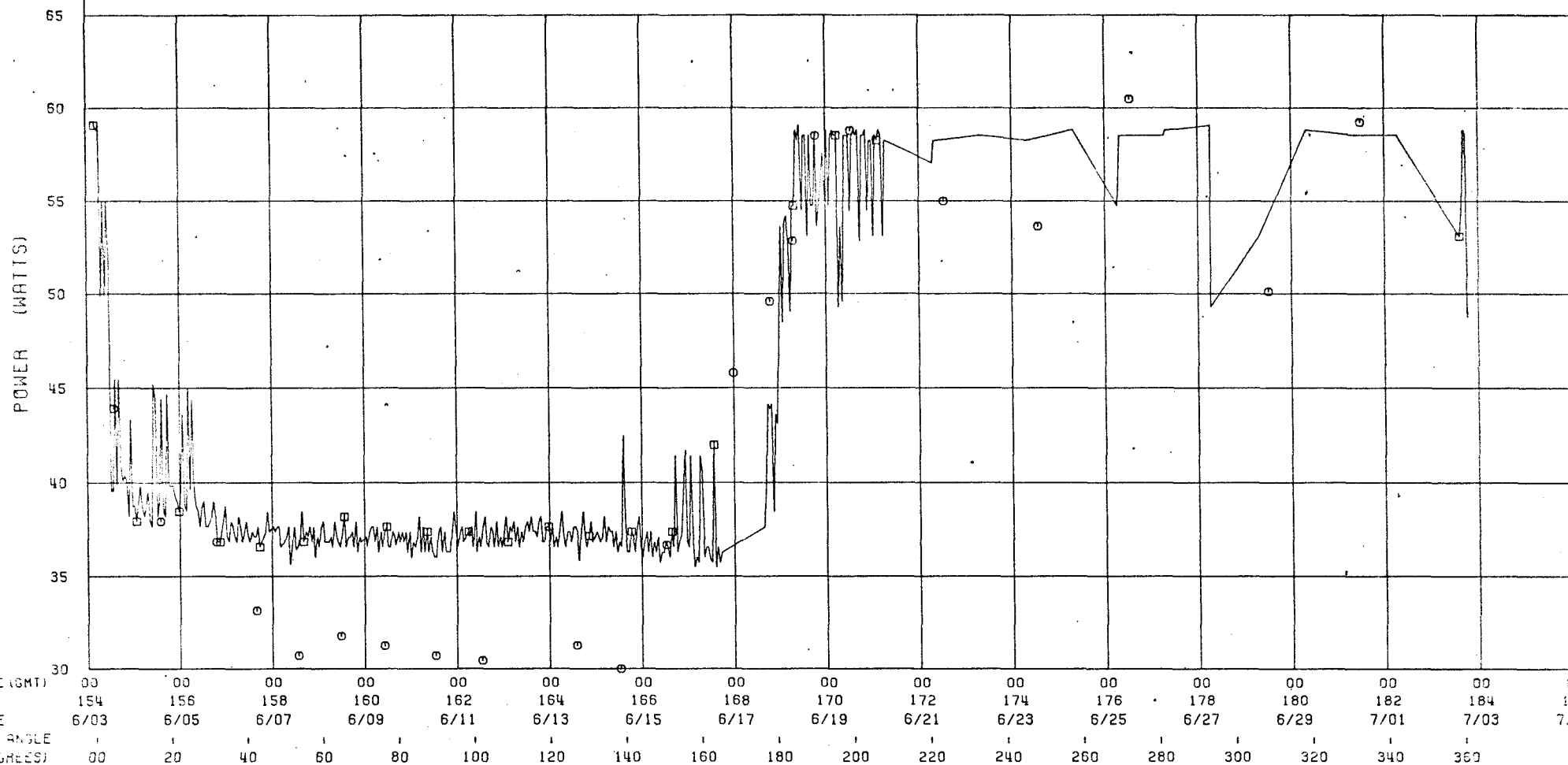


SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT



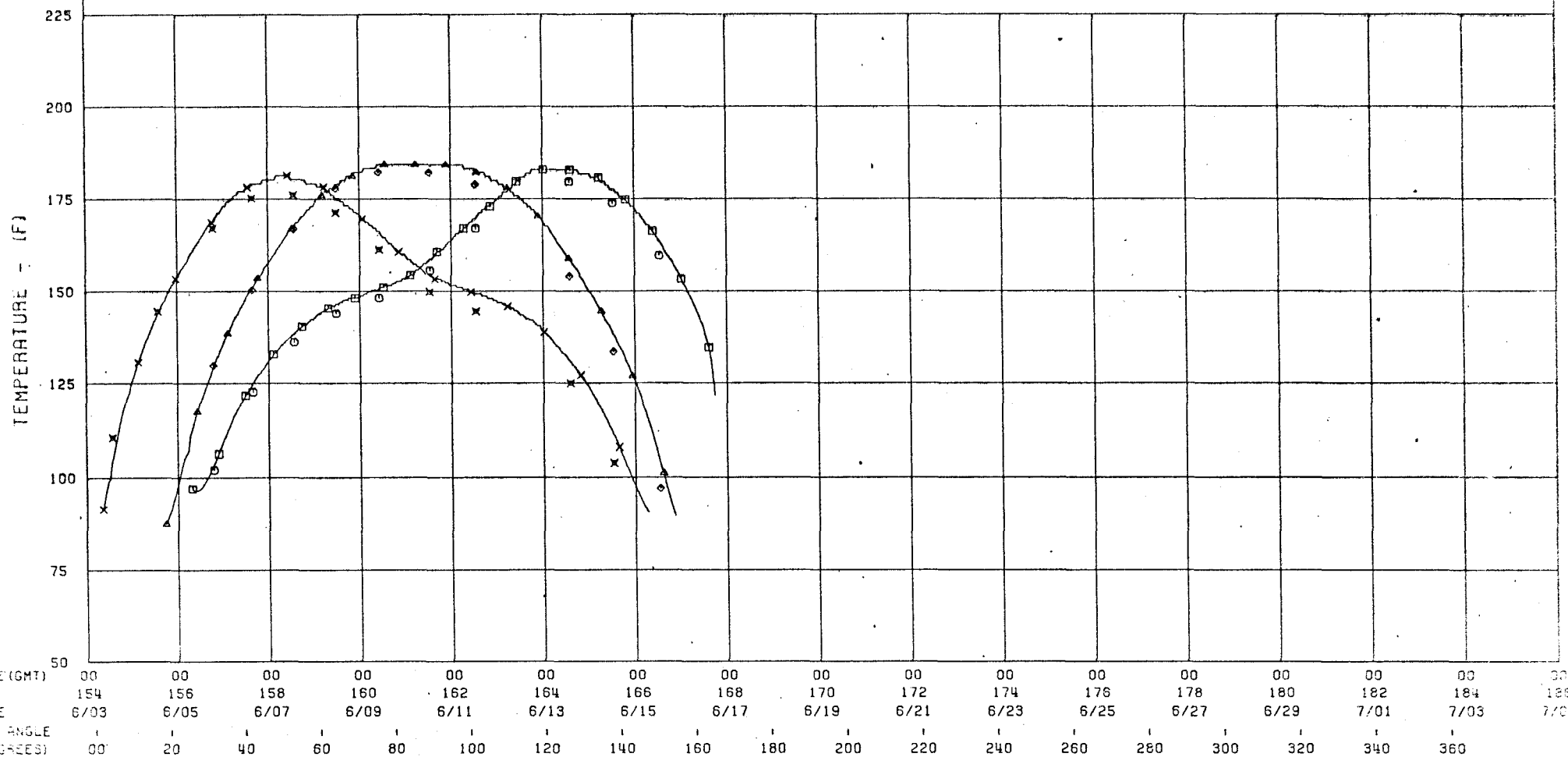
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

□ BX-03 CENTRAL STATION INPUT - RESERVE POWER (2<sup>ND</sup> LUNATION)      ○ BX-03 CENTRAL STATION INPUT - RESERVE POWER (20<sup>TH</sup> LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

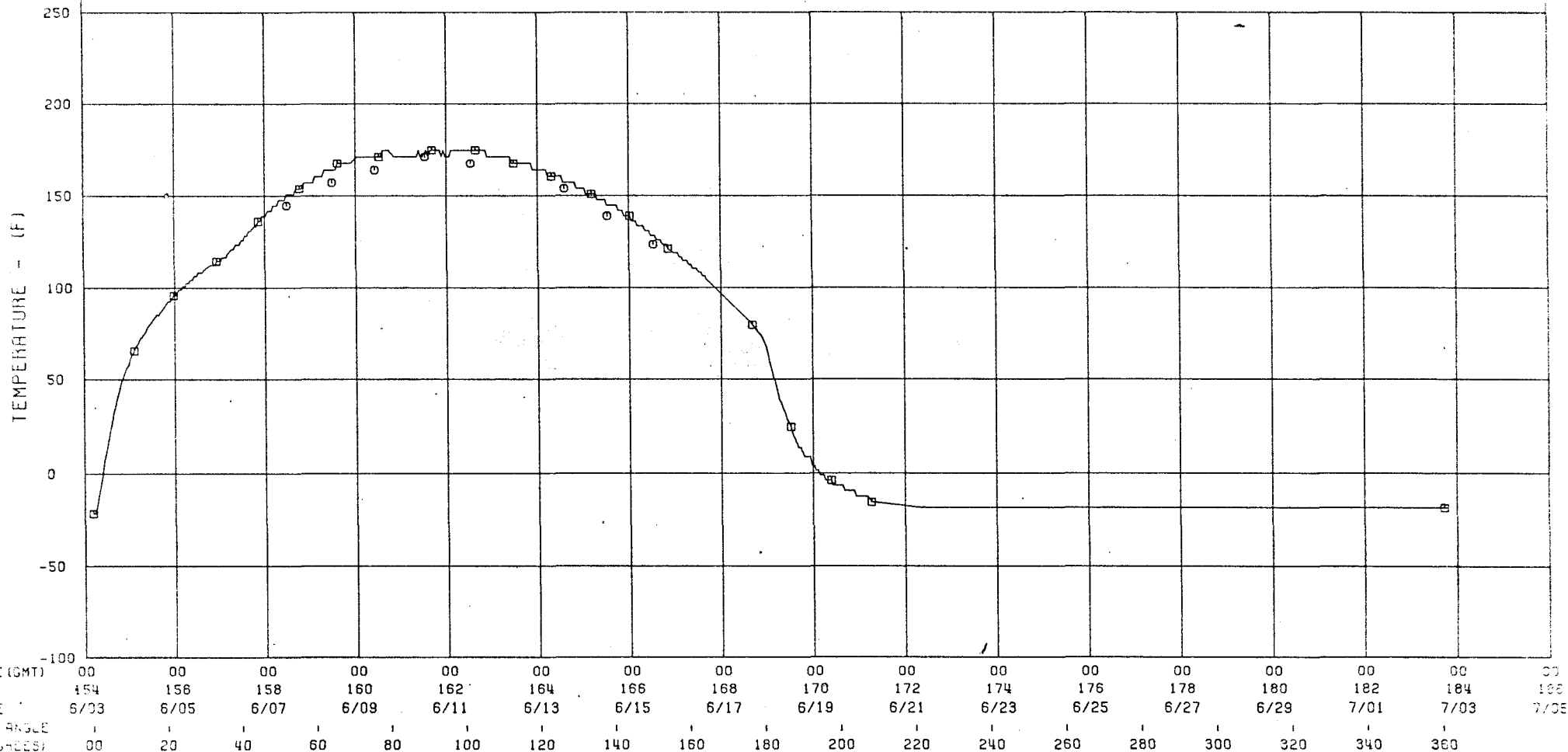
|                                                                                                                                                               |                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ BX-05 WEST DUST CELL TEMPERATURE (2 ND LUNATION)<br>▲ BX-06 TOP DUST CELL TEMPERATURE (2 ND LUNATION)<br>× BX-07 EAST DUST CELL TEMPERATURE (2 ND LUNATION) | ○ BX-05 WEST DUST CELL TEMPERATURE (20 TH LUNATION)<br>◇ BX-06 TOP DUST CELL TEMPERATURE (20 TH LUNATION)<br>✕ BX-07 EAST DUST CELL TEMPERATURE (20 TH LUNATION) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

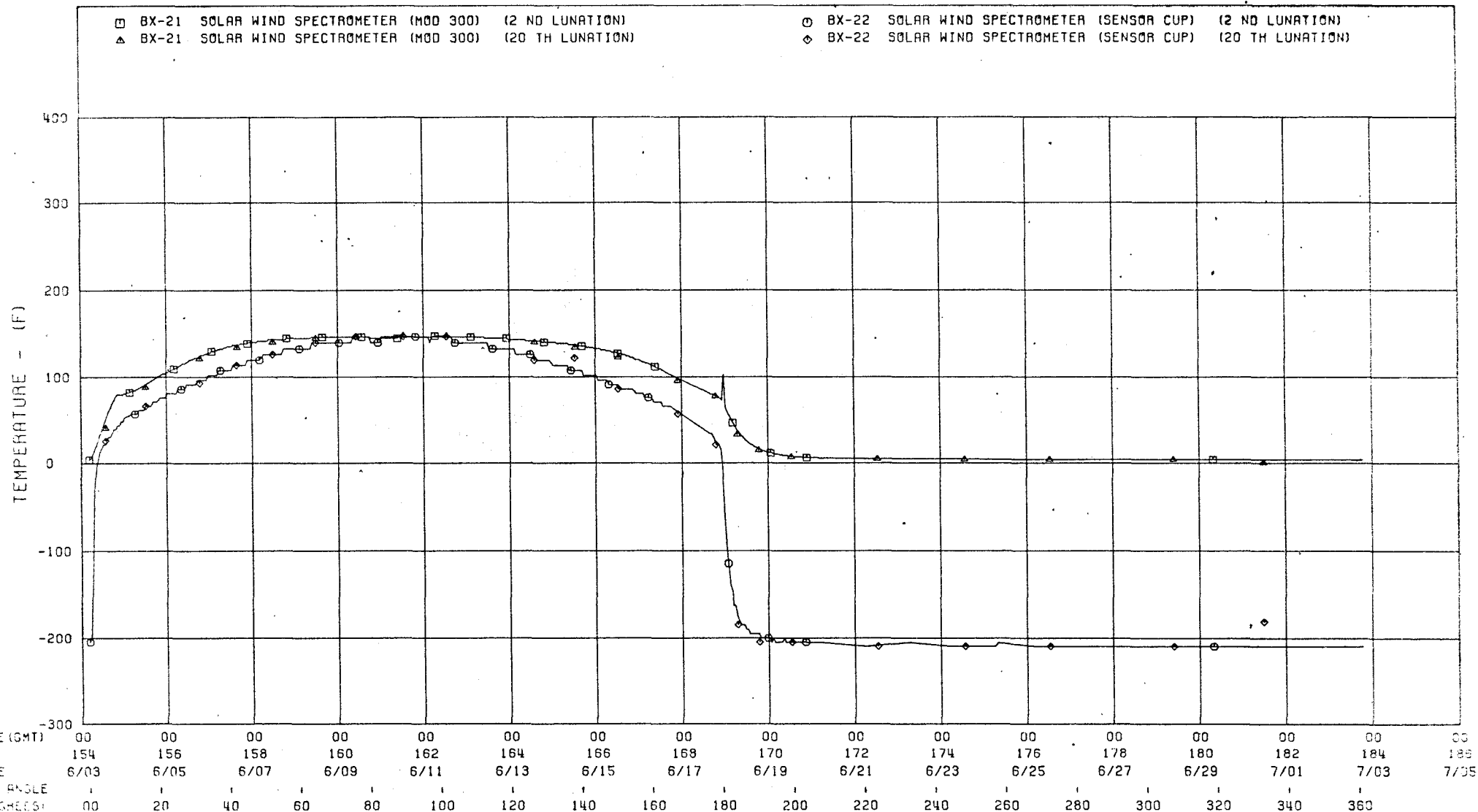
□ BX-18 MAGNETOMETER INTERNAL TEMPERATURE (2 ND LUNATION)

○ BX-18 MAGNETOMETER INTERNAL TEMPERATURE (20 TH LUNATION)

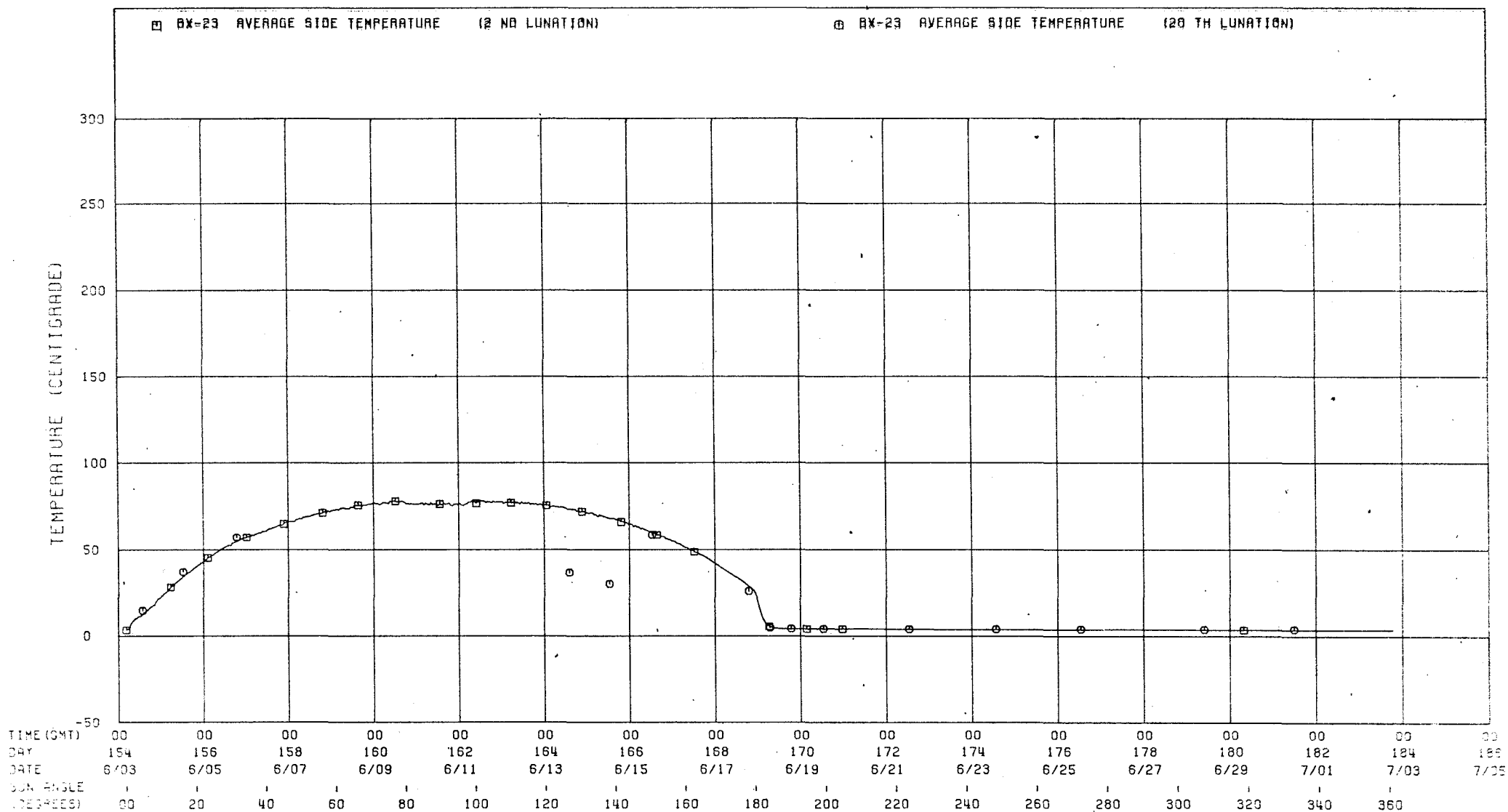


|                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| TIME (GMT)          | 00   | 20   | 40   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  | 260  | 280  | 300  | 320  | 340  | 360  |
| DAY                 | 154  | 156  | 158  | 160  | 162  | 164  | 166  | 168  | 170  | 172  | 174  | 176  | 178  | 180  | 182  | 184  | 186  | 188  | 190  |
| DATE                | 5/23 | 6/05 | 6/07 | 6/09 | 6/11 | 6/13 | 6/15 | 6/17 | 6/19 | 6/21 | 6/23 | 6/25 | 6/27 | 6/29 | 7/01 | 7/03 | 7/05 | 7/07 | 7/09 |
| SUN ANGLE (DEGREES) | 00   | 20   | 40   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  | 260  | 280  | 300  | 320  | 340  | 360  |

BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

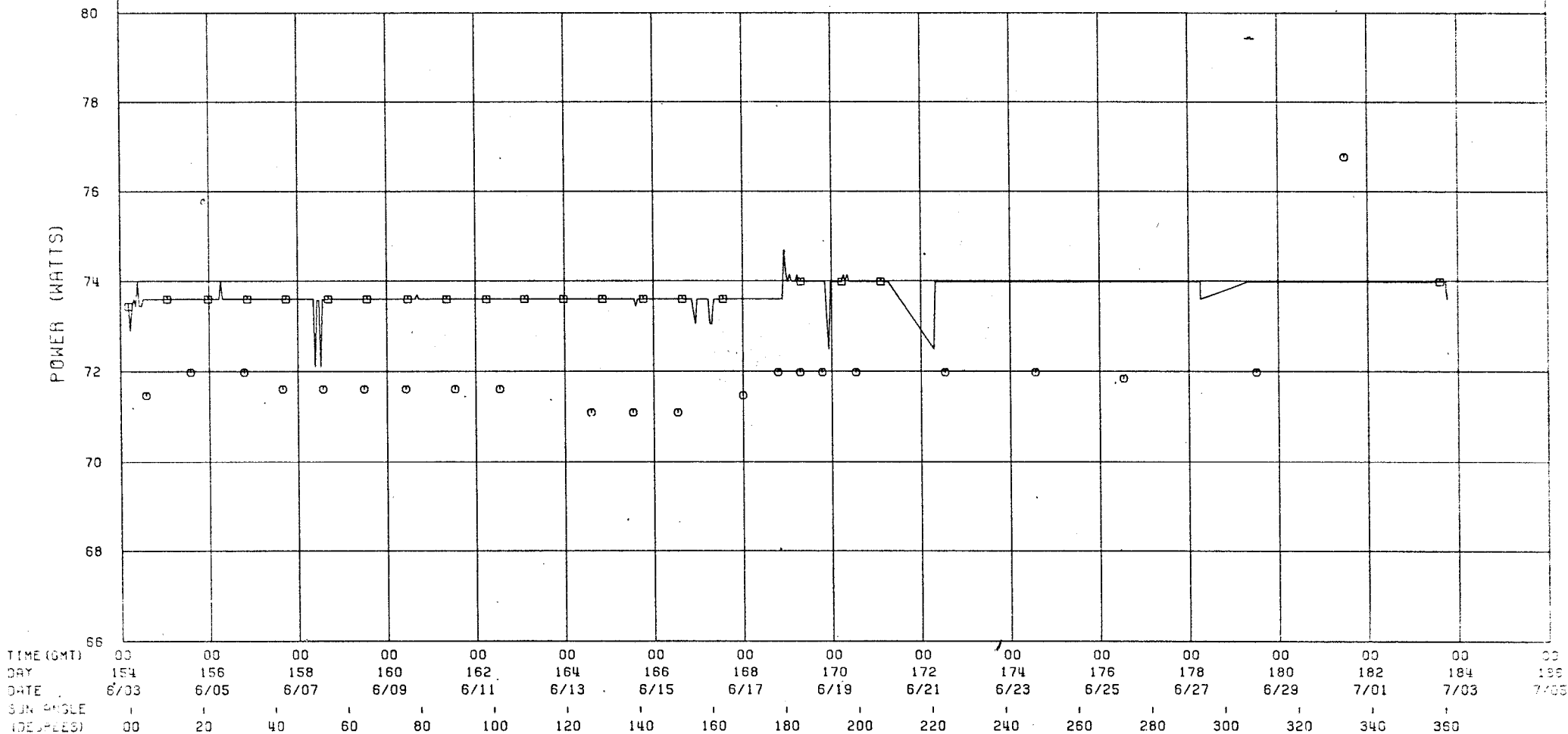


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

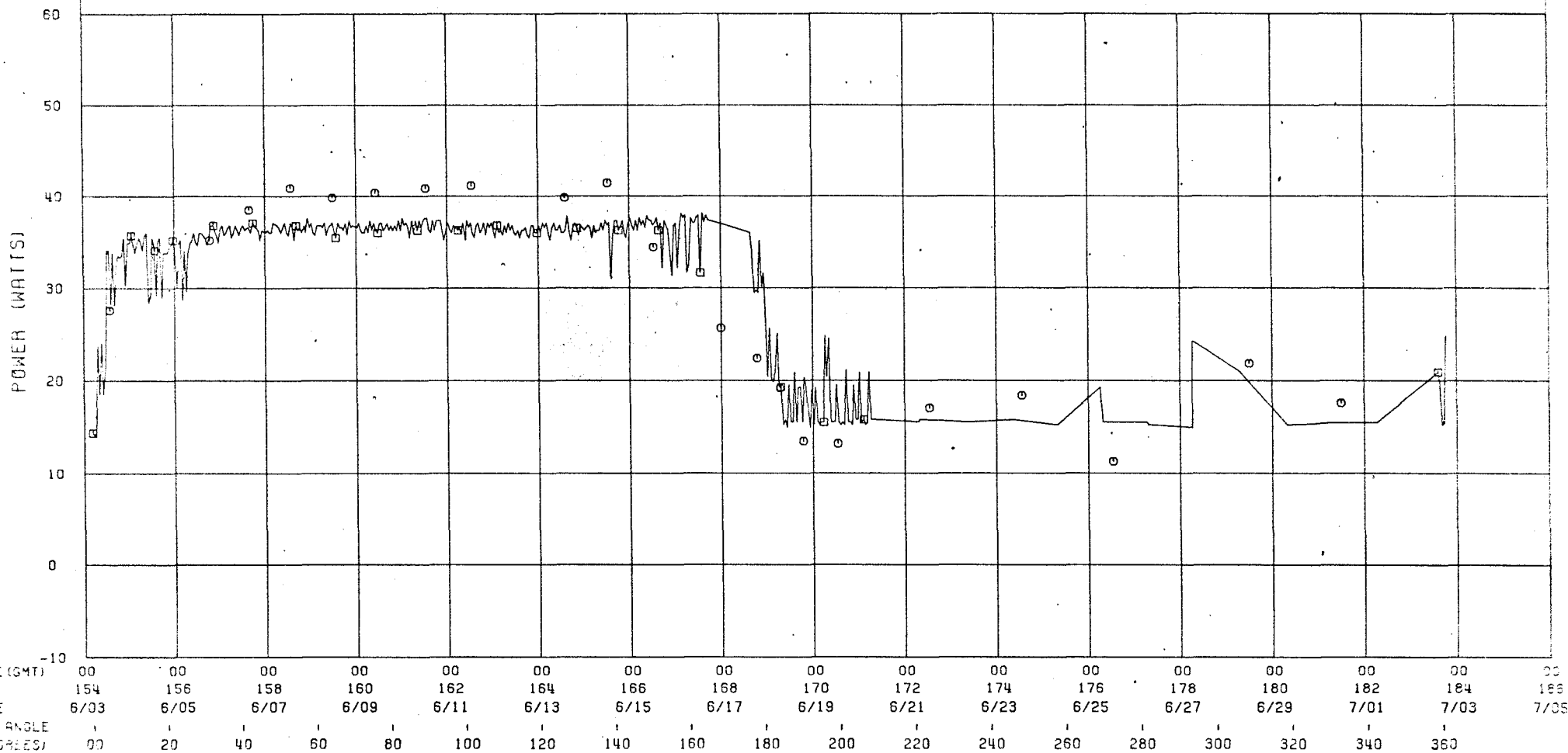
□ CS-01 RTG POWER OUTPUT (WATTS) (2 ND LUNATION)      ○ CS-01 RTG POWER OUTPUT (WATTS) (20 TH LUNATION)



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

□ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (2 ND LUNATION)

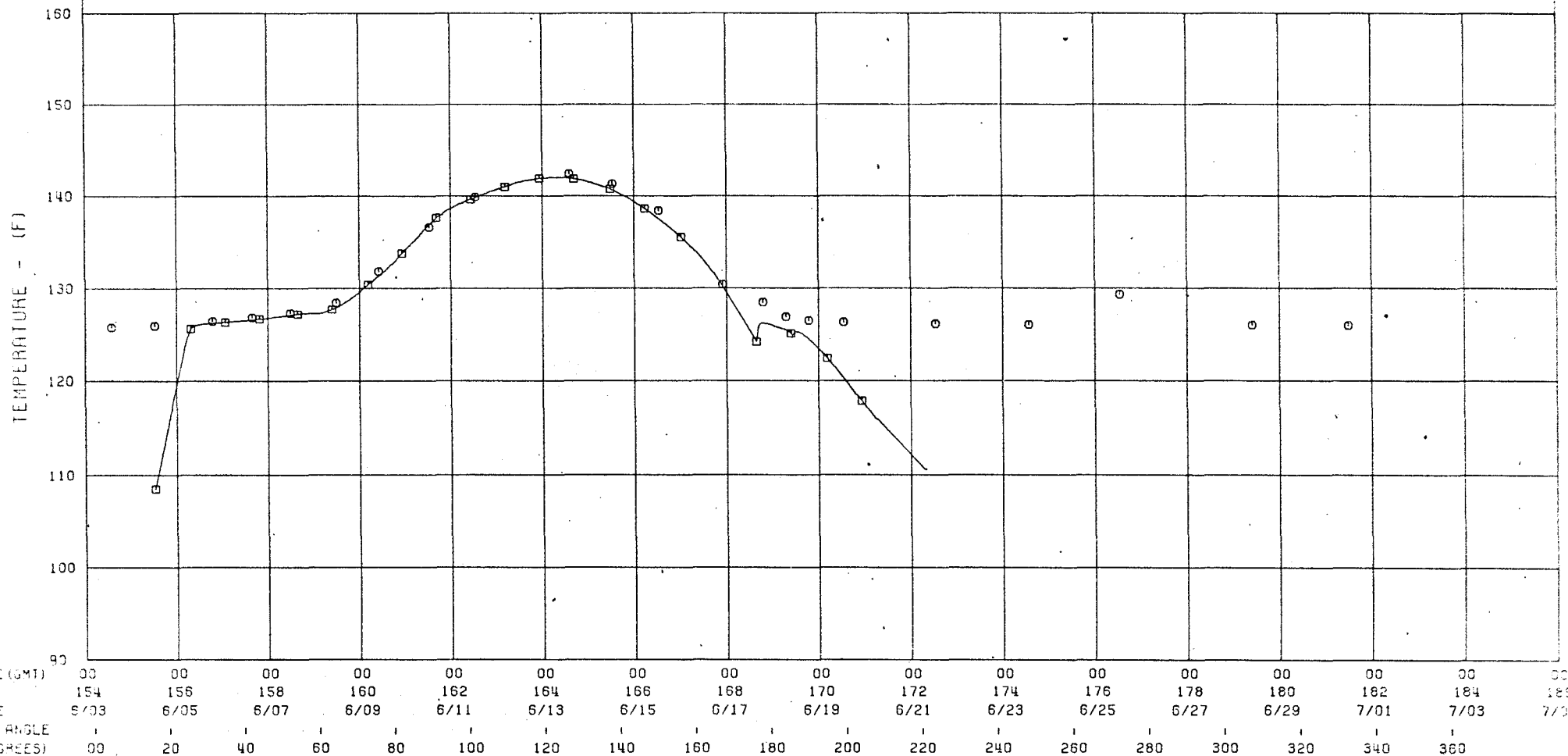
○ CS-02 CENTRAL STATION RESERVE POWER NO. 1 (20 TH LUNATION)



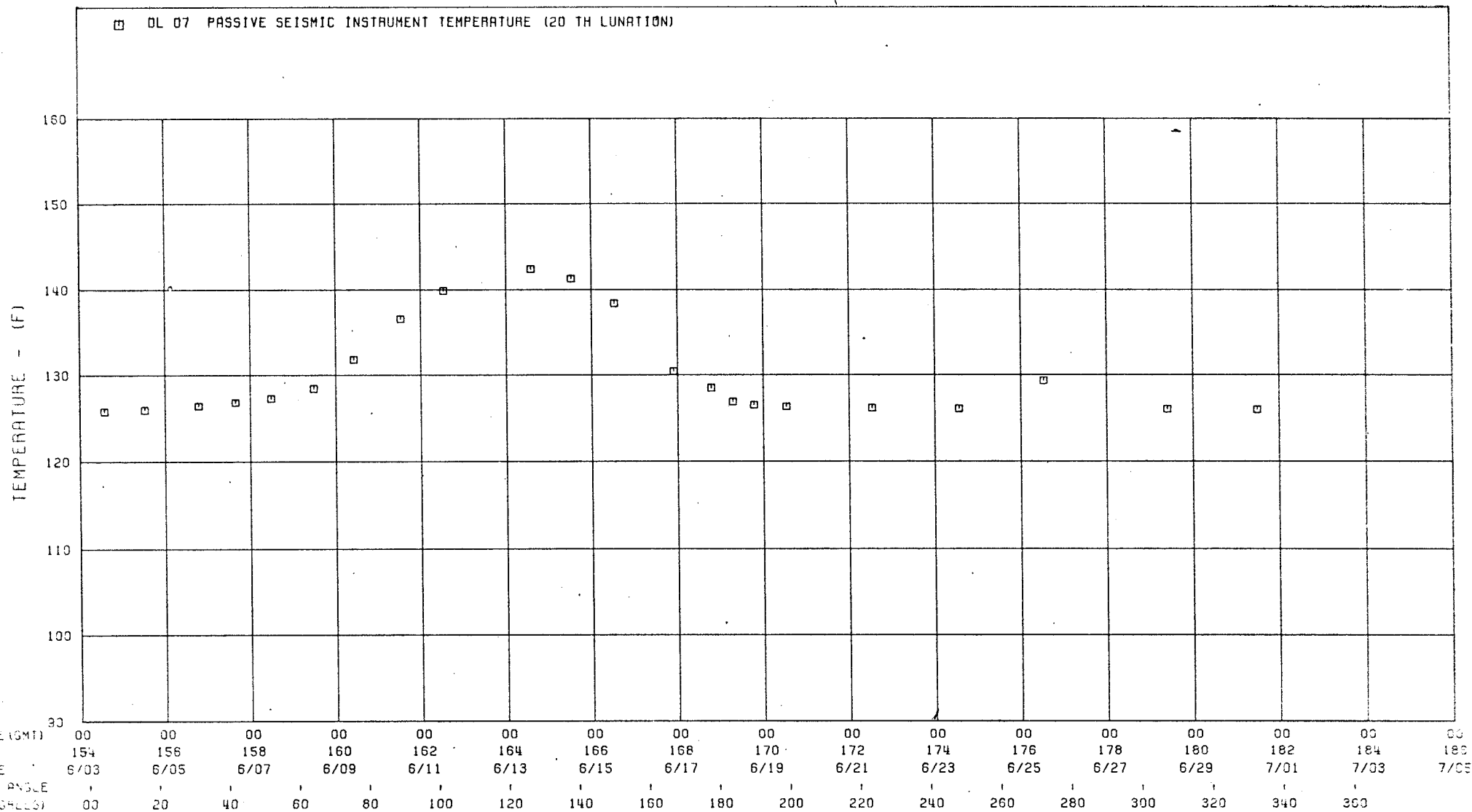
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (2 ND LUNATION)

DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (20 TH LUNATION)

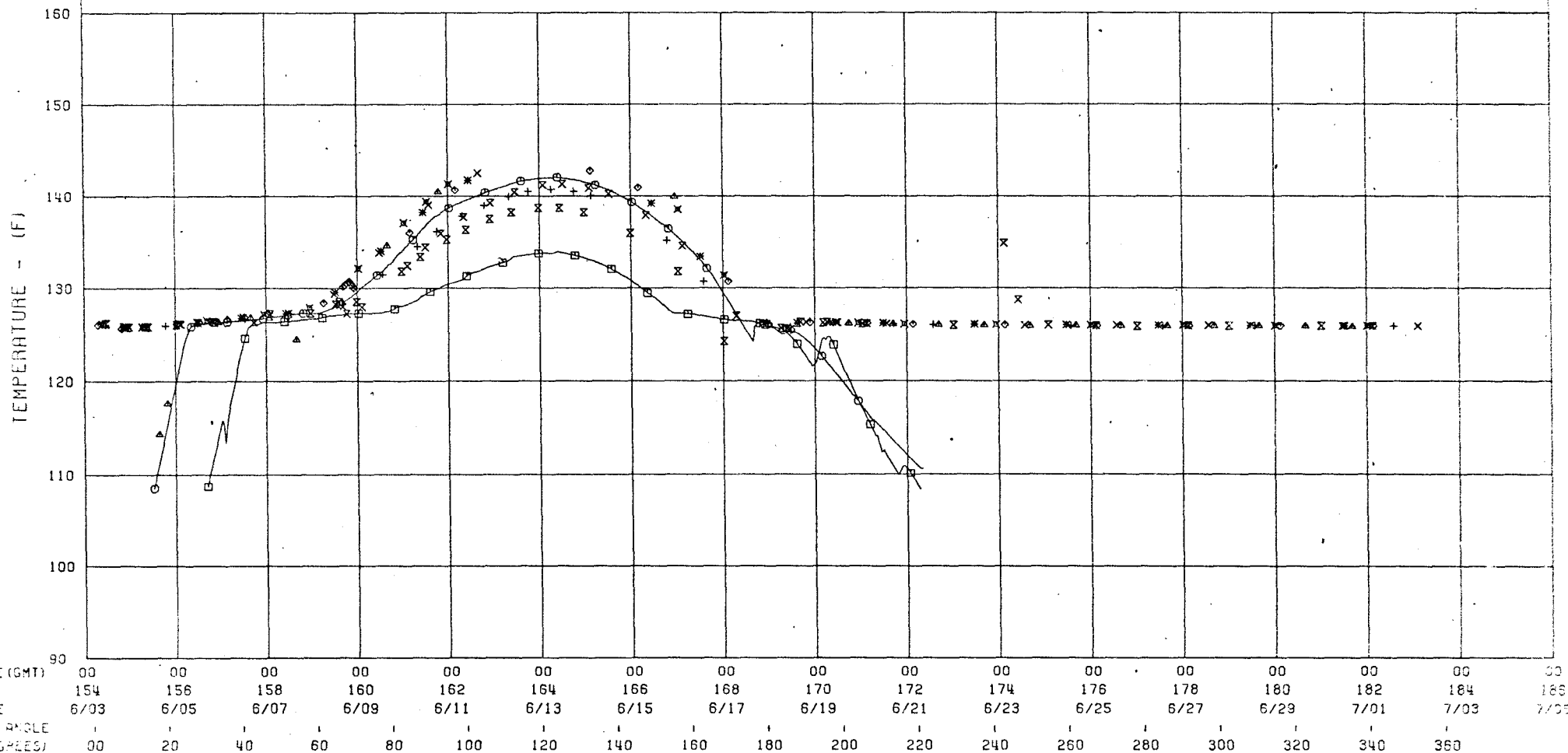


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT



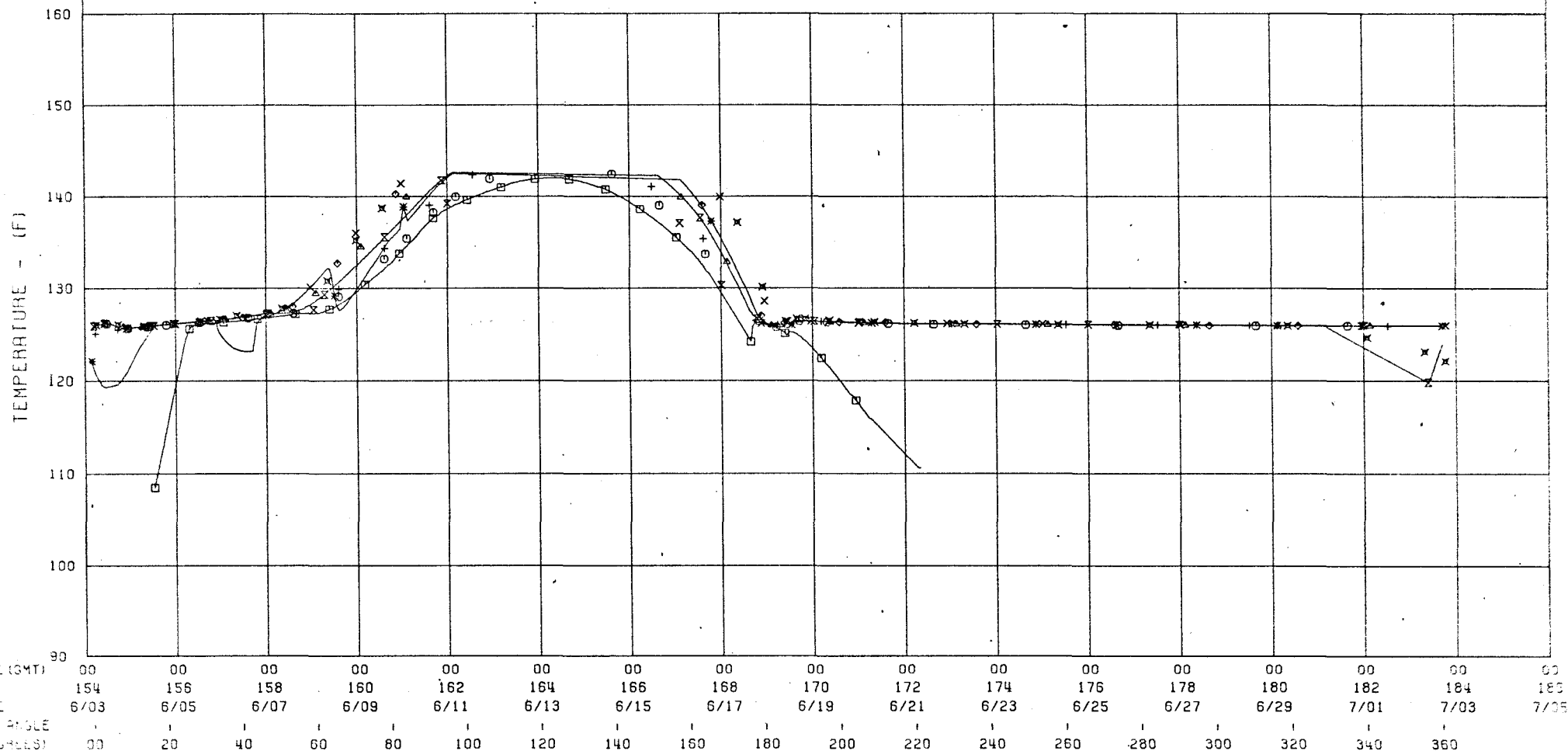
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

|                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (1 ST LUNATION)<br>△ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (3 RD LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (5 TH LUNATION)<br>* DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (7 TH LUNATION)<br>+ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (9 TH LUNATION) | ○ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (2 ND LUNATION)<br>◇ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (4 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (6 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (8 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (10 TH LUNATION) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

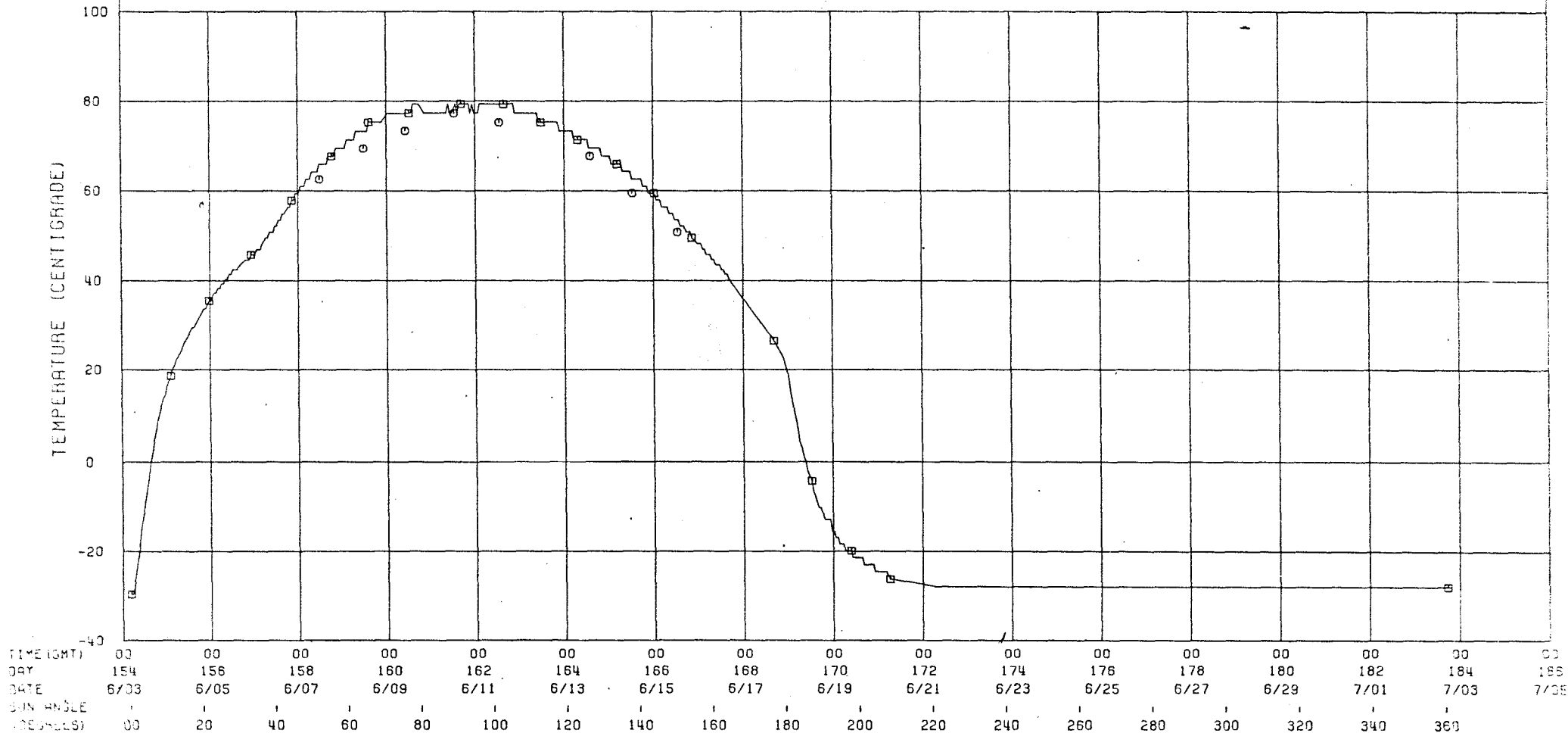
|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| □ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (12 ND LUNATION)<br>△ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (12 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (14 TH LUNATION)<br>* DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (16 TH LUNATION)<br>+ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (18 TH LUNATION) | ○ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (11 TH LUNATION)<br>◇ DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (13 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (15 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (17 TH LUNATION)<br>× DL-07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (19 TH LUNATION) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



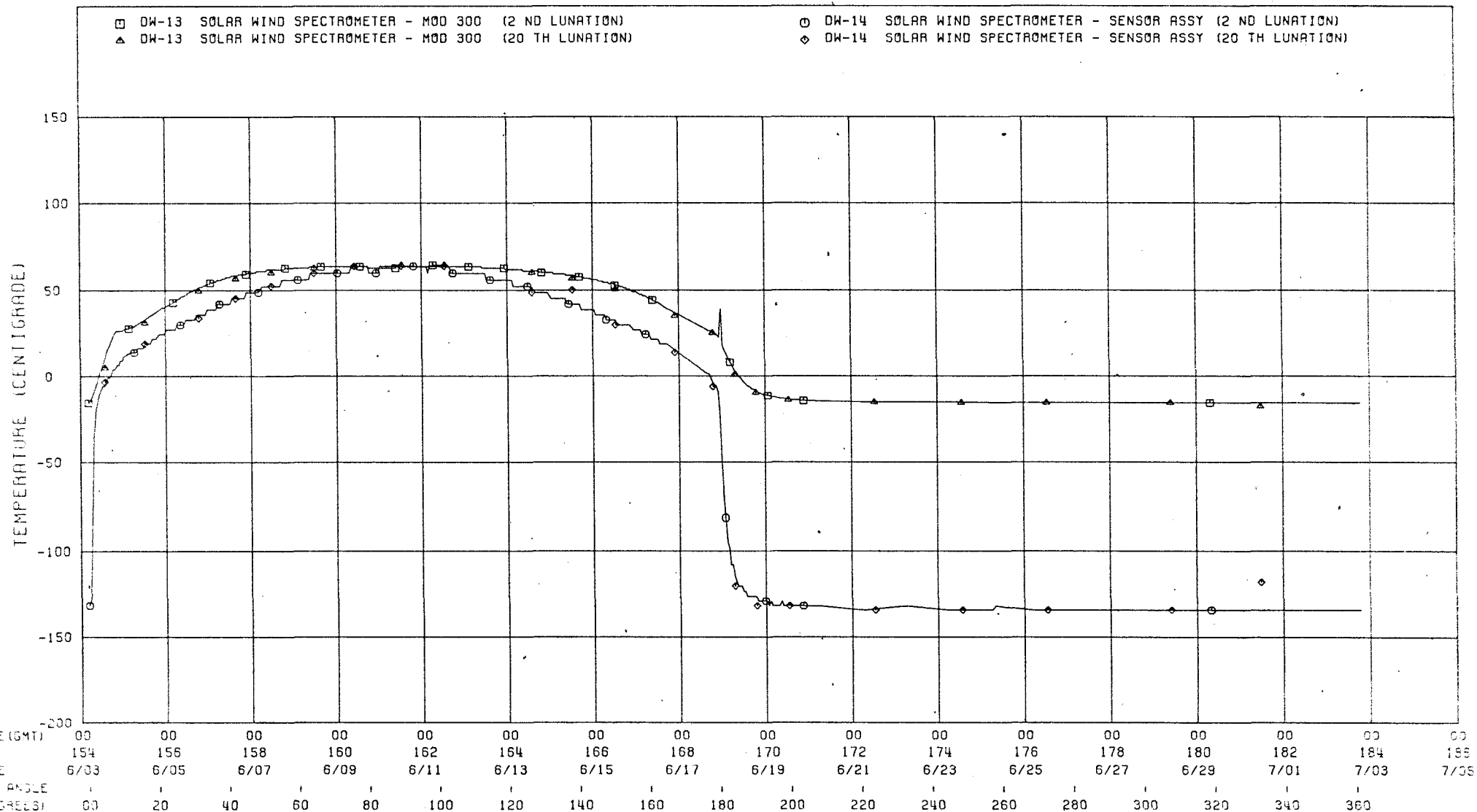
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

□ DM-05 MAGNETOMETER TEMPERATURE - INTERNAL (2 ND LUNATION)

○ DM-05 MAGNETOMETER TEMPERATURE - INTERNAL (20 TH LUNATION)

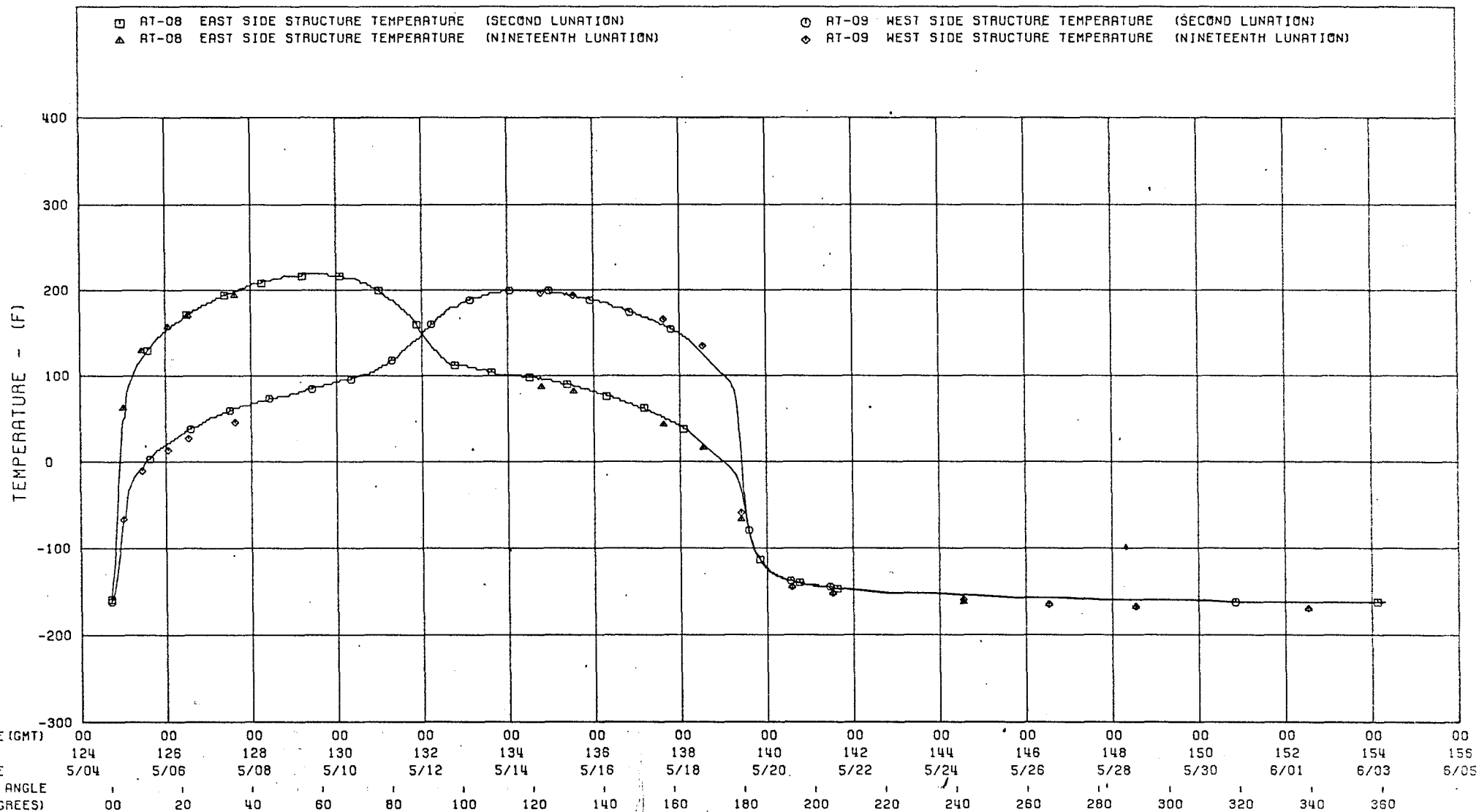


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 20 TH ALSEP LUNATION  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT  
 SUNRISE DAY 183 (JULY 2, 1971) AT 1443 GMT

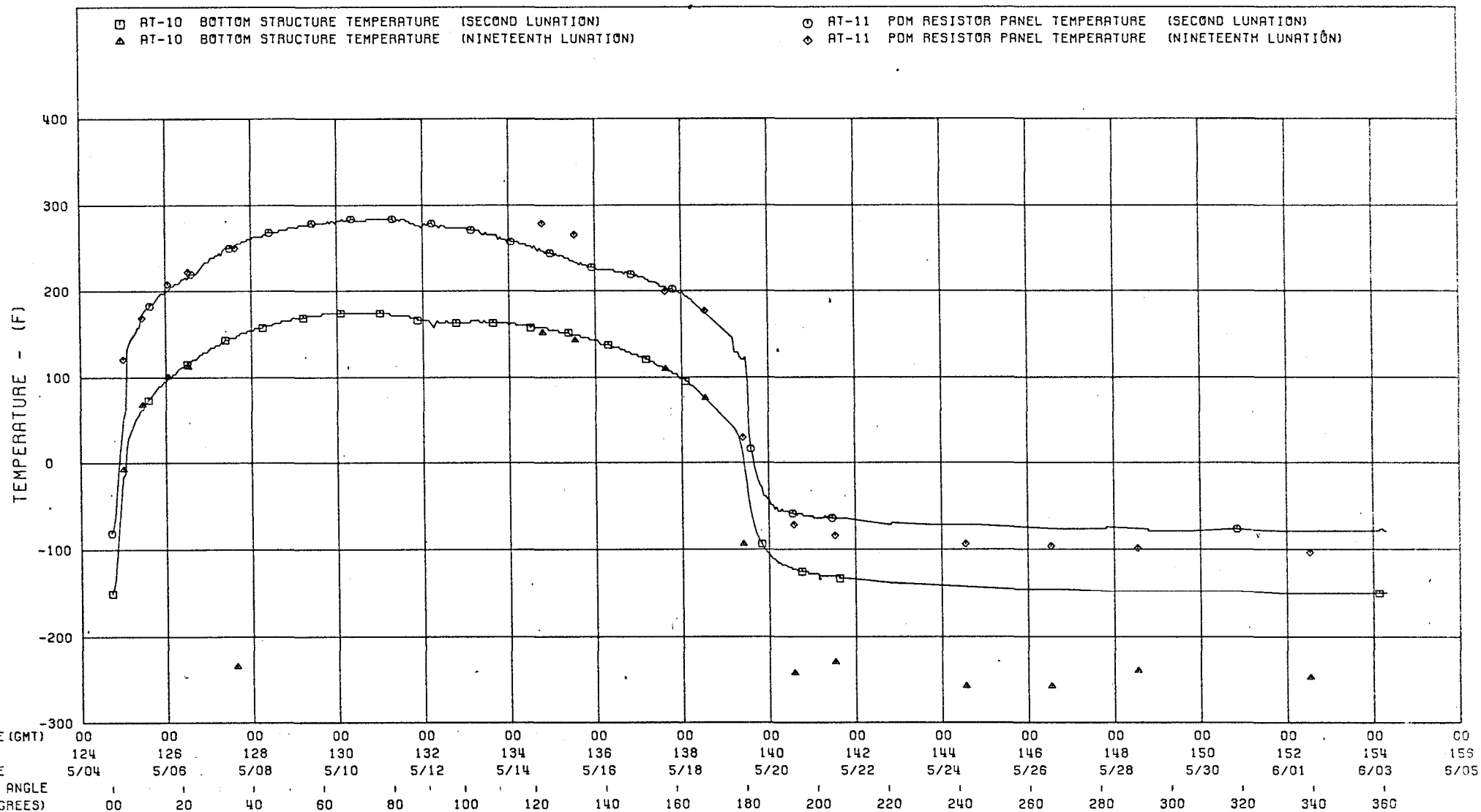




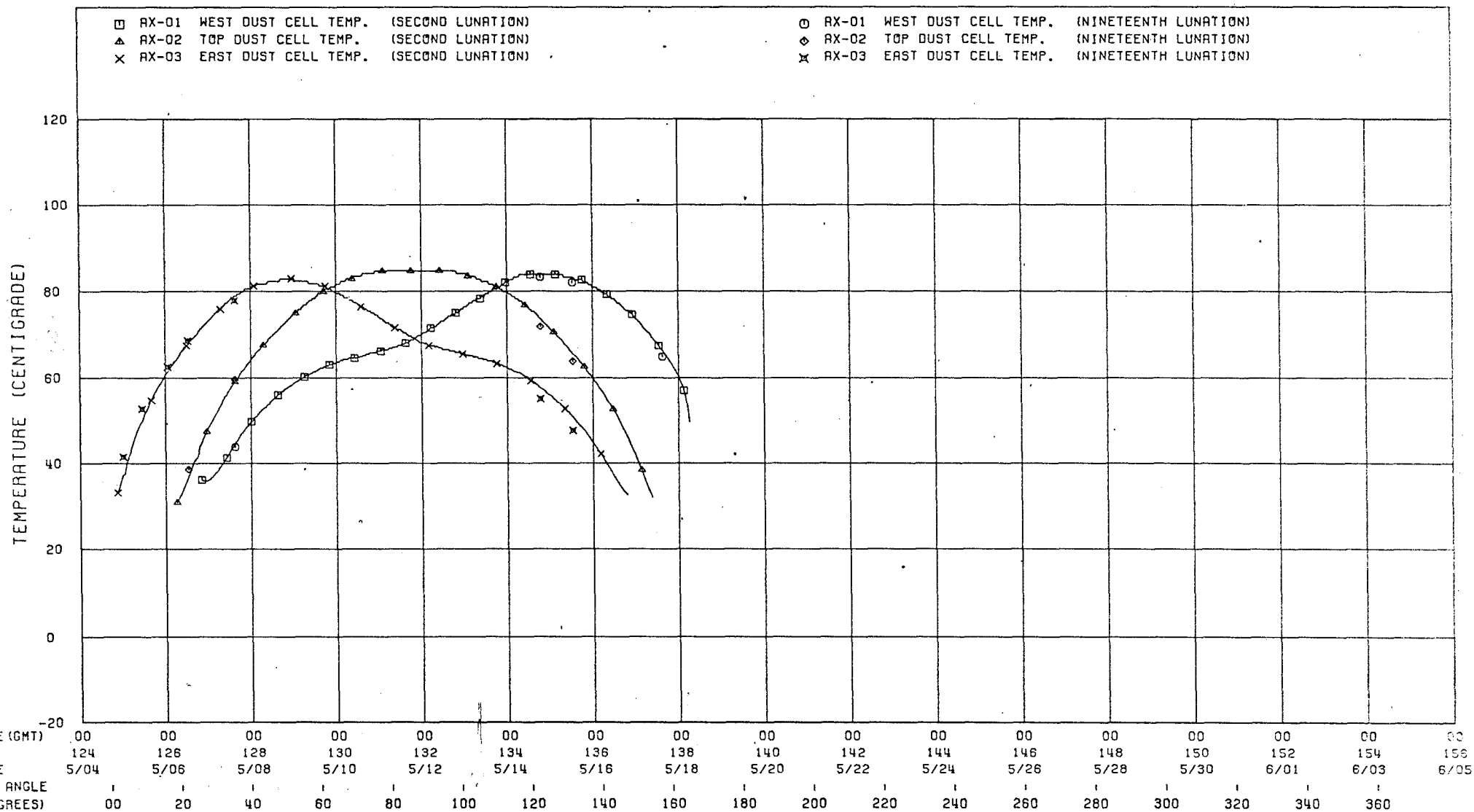
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



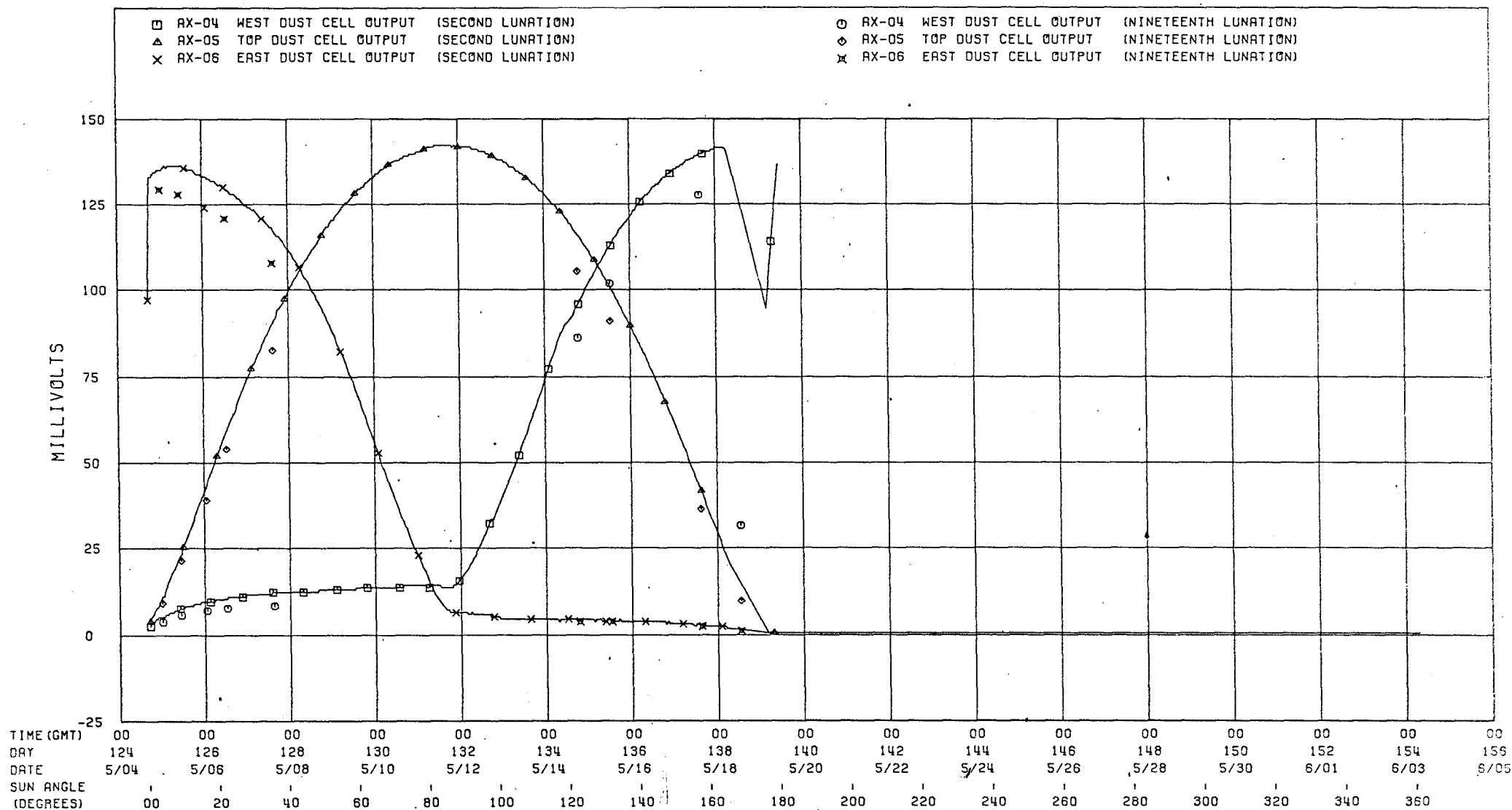
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



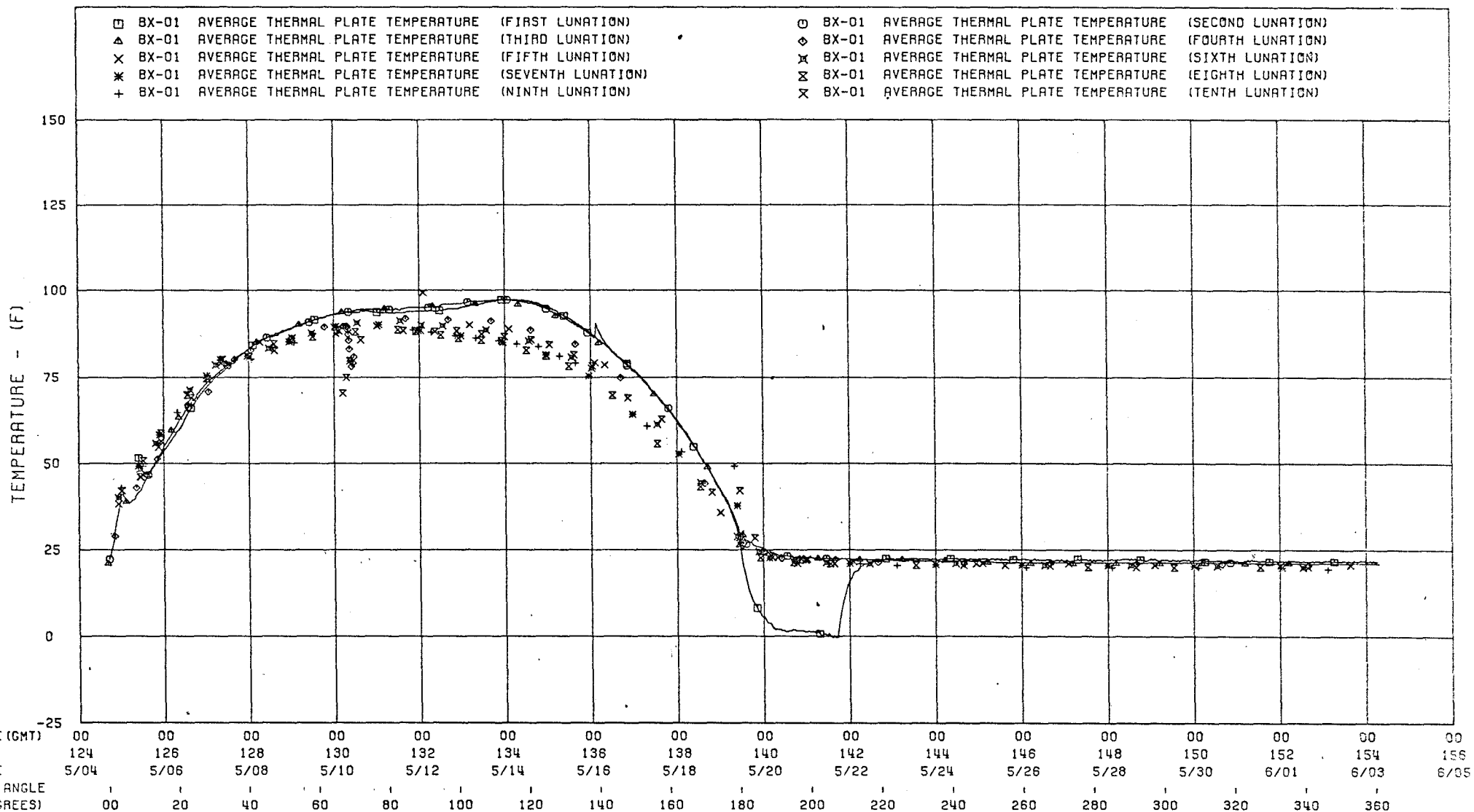
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

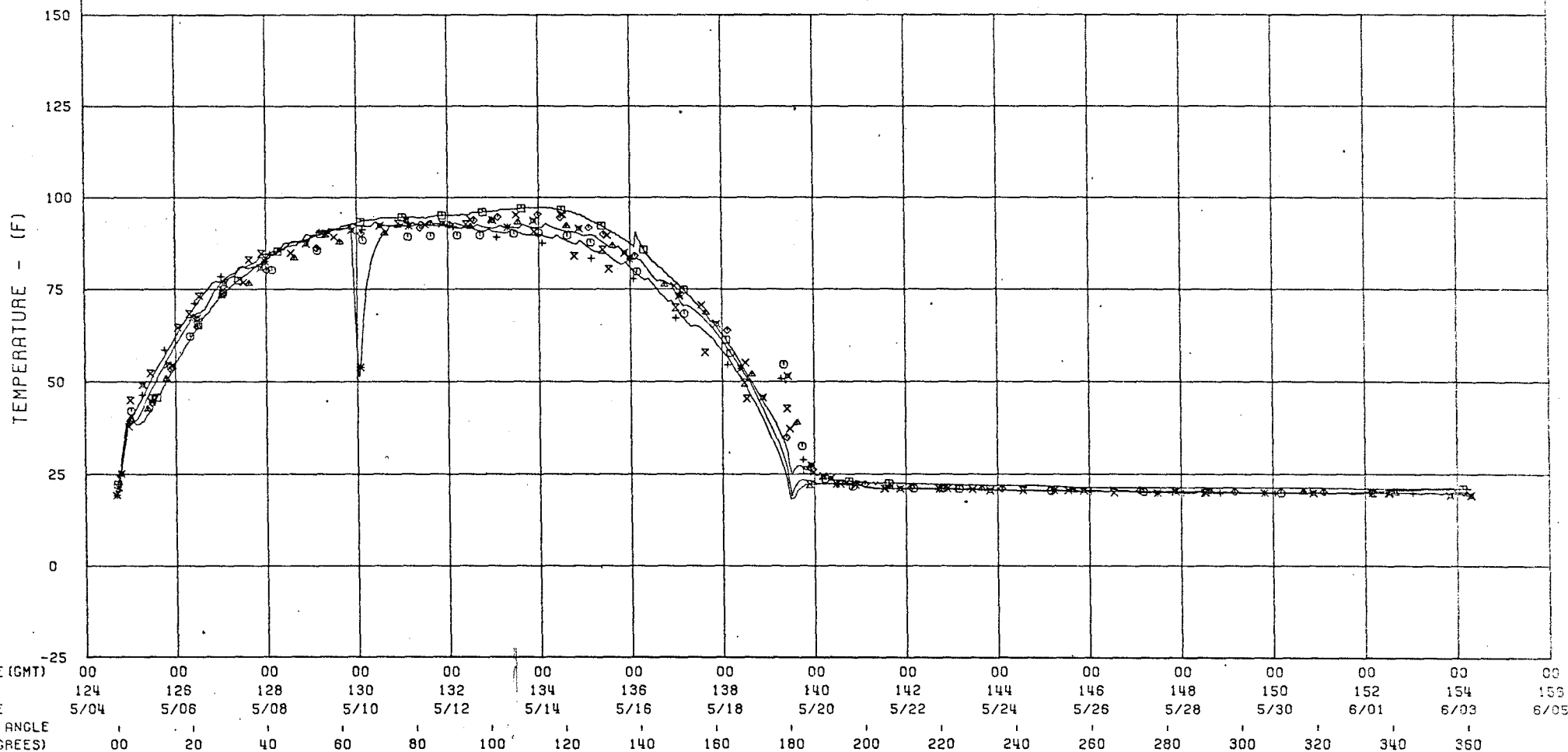


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

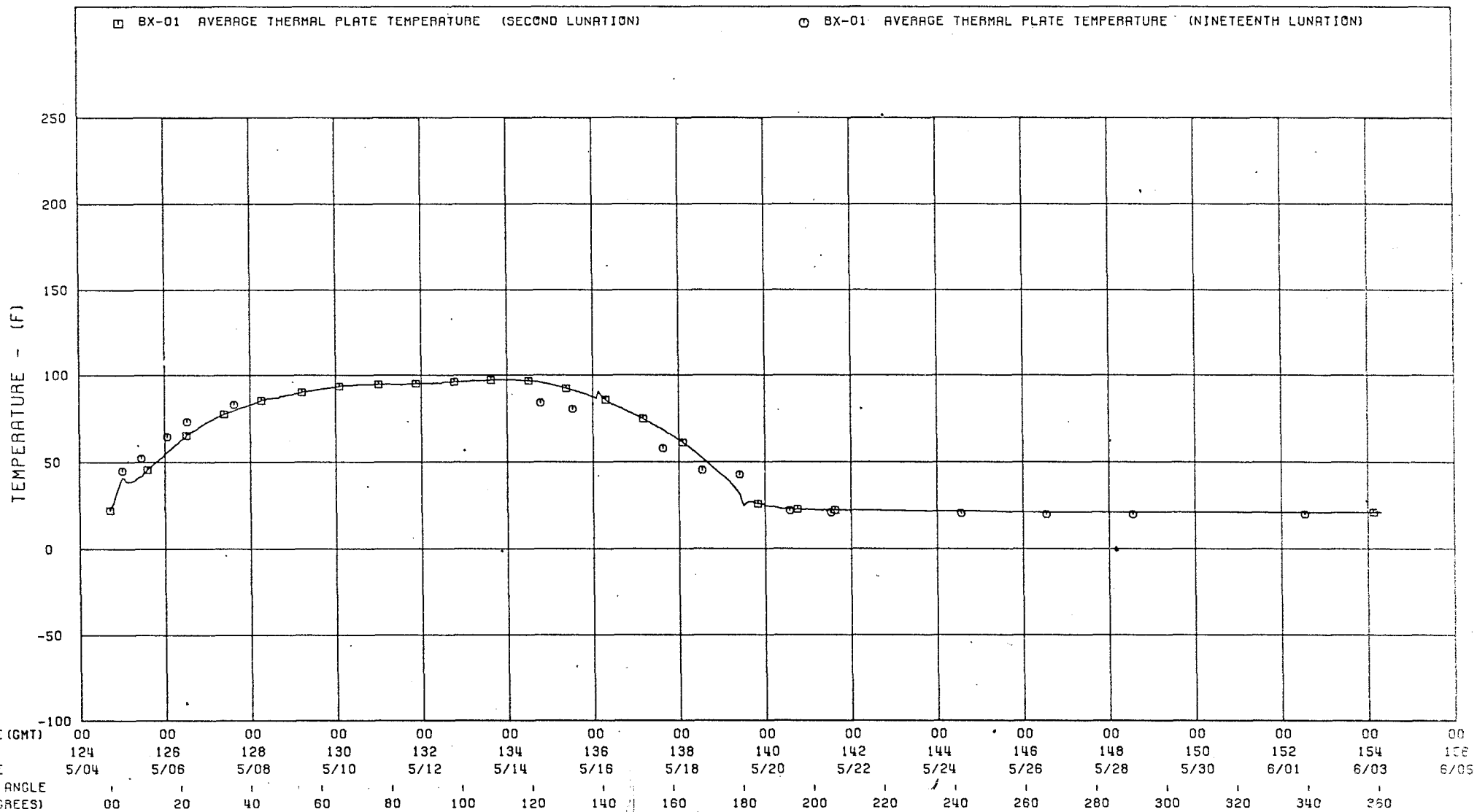


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

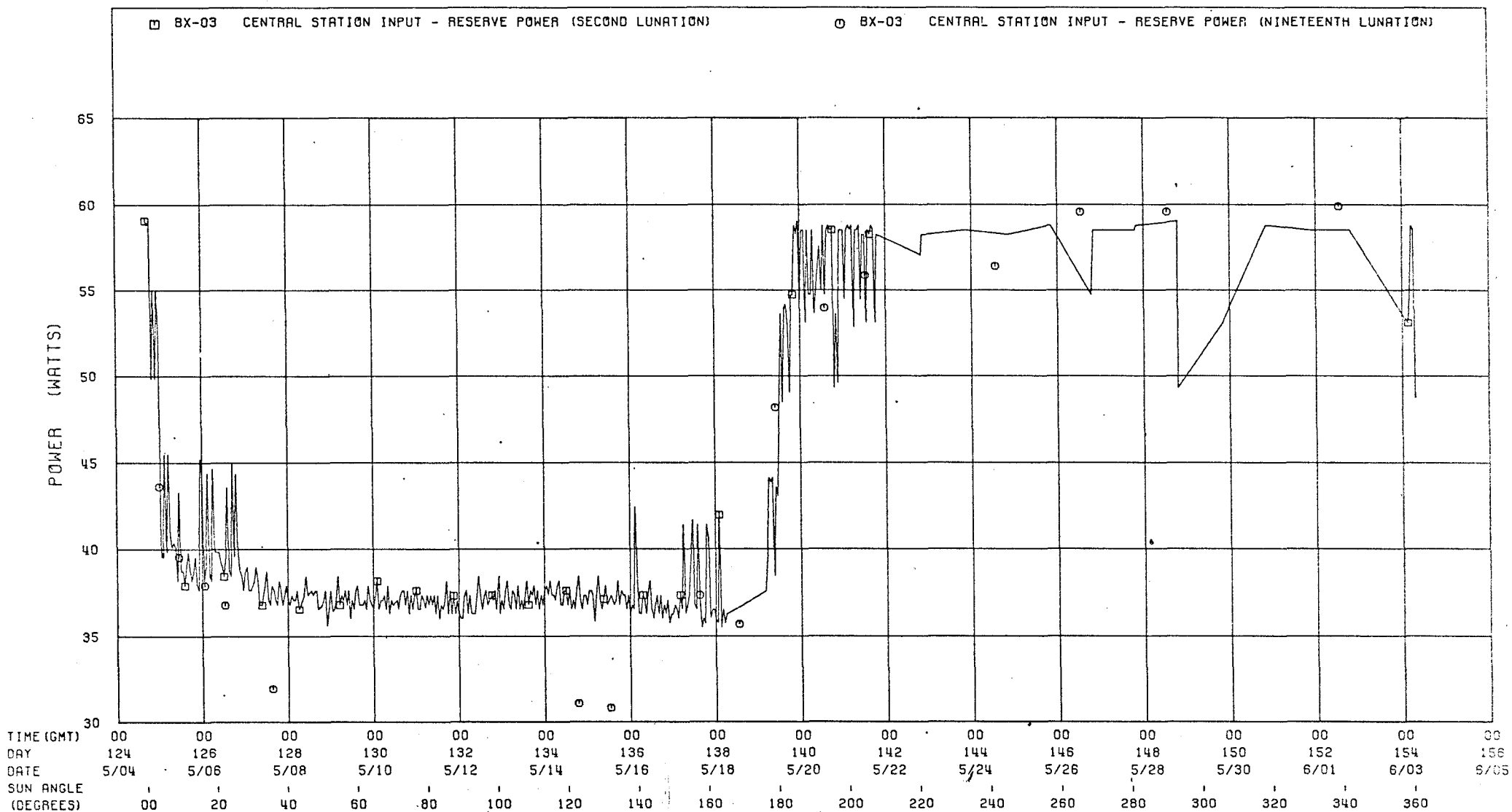
|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>□ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SECOND LUNATION)</p> <p>△ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (TWELFTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FOURTEENTH LUNATION)</p> <p>* BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SIXTEENTH LUNATION)</p> <p>+ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (EIGHTEENTH LUNATION)</p> | <p>○ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (ELEVENTH LUNATION)</p> <p>◇ BX-01 AVERAGE THERMAL PLATE TEMPERATURE (THIRTEENTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (FIFTEENTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (SEVENTEENTH LUNATION)</p> <p>× BX-01 AVERAGE THERMAL PLATE TEMPERATURE (NINETEENTH LUNATION)</p> |
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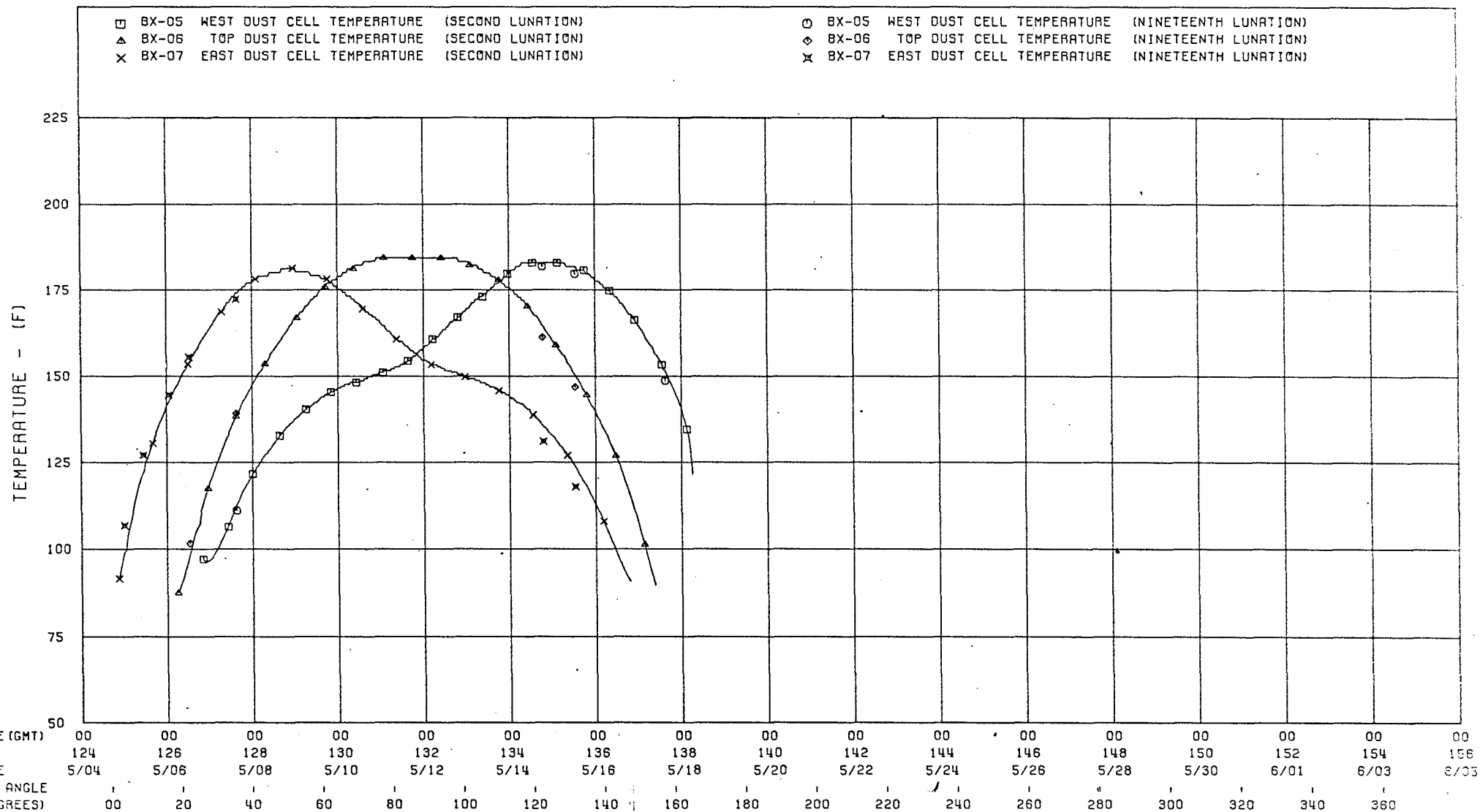
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



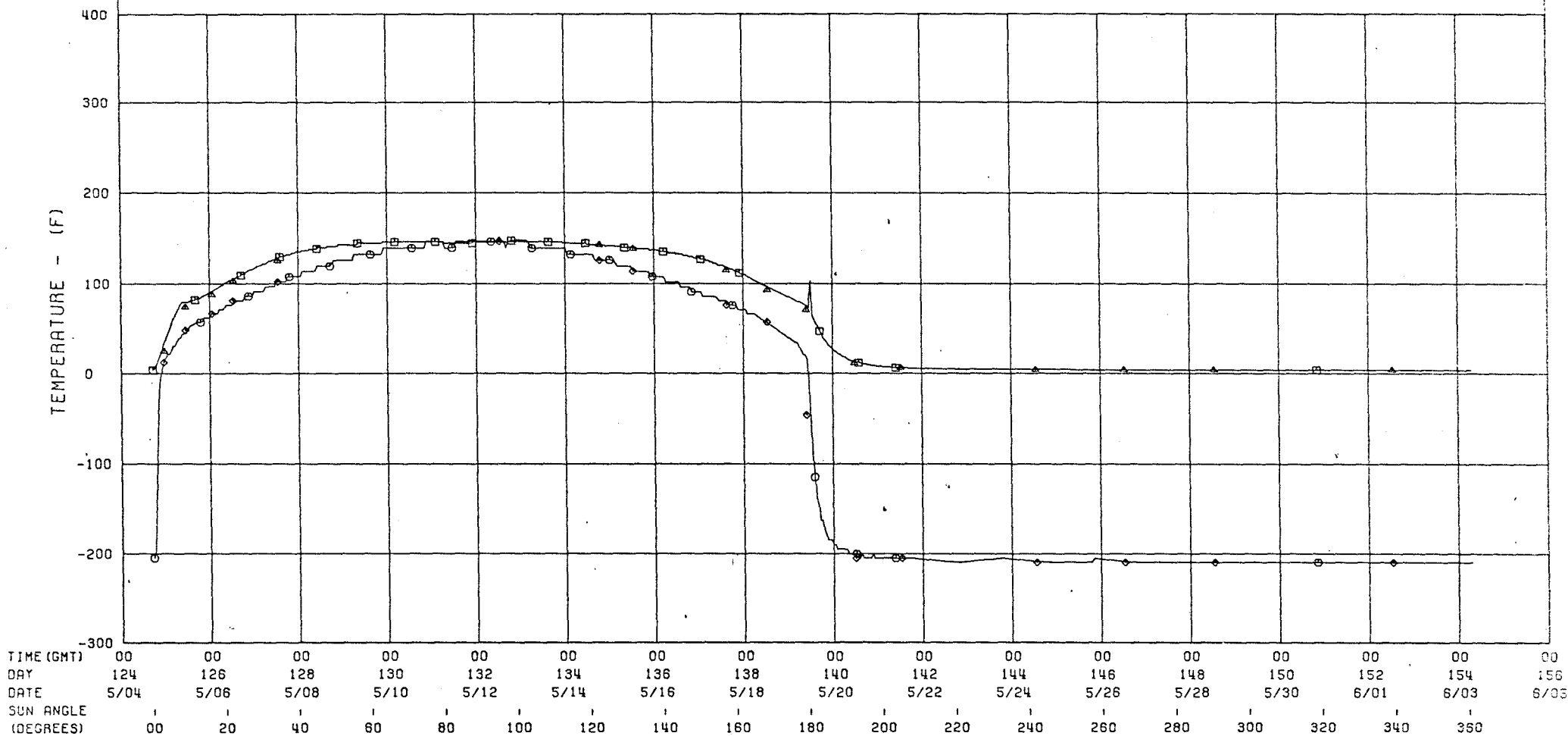
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



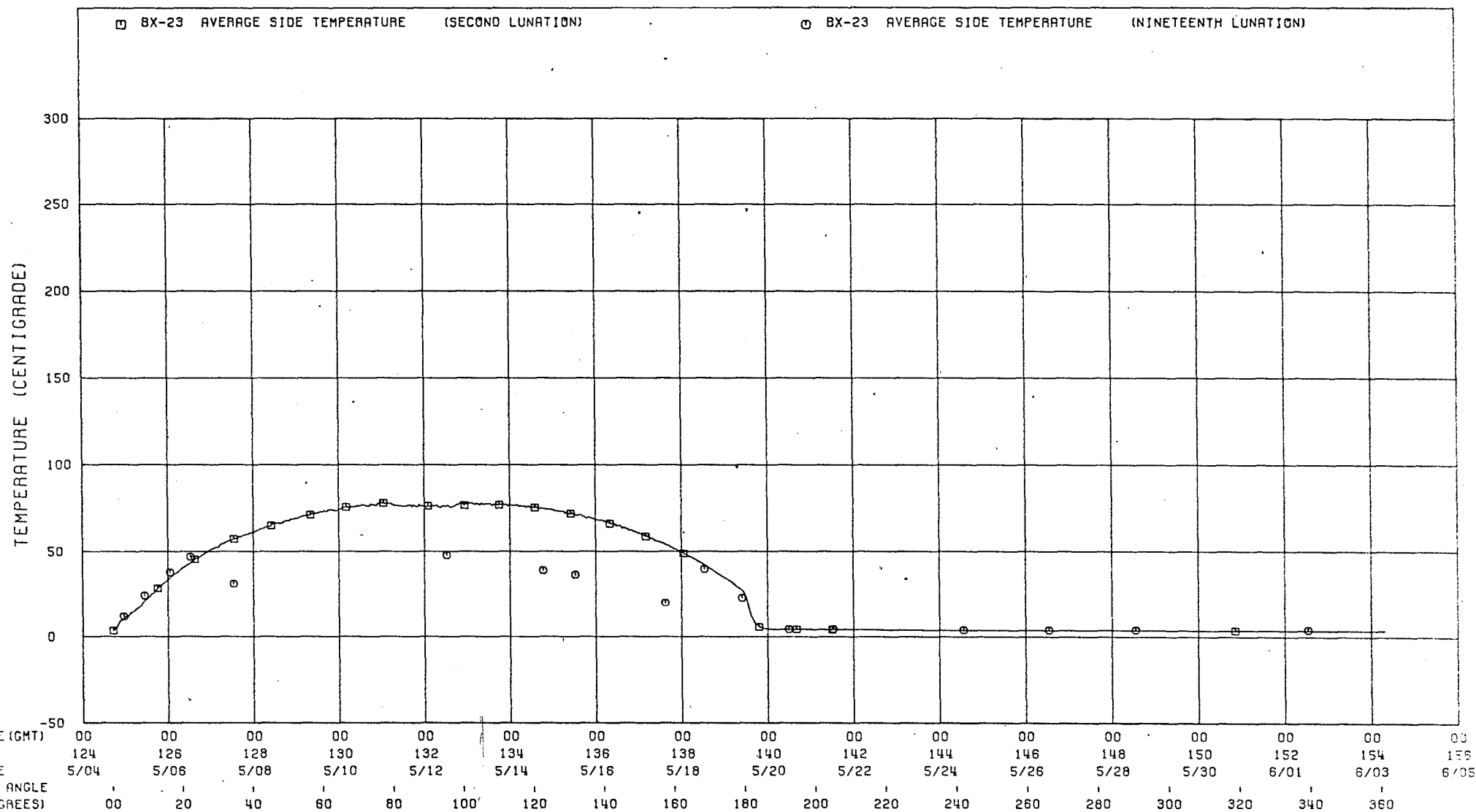


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

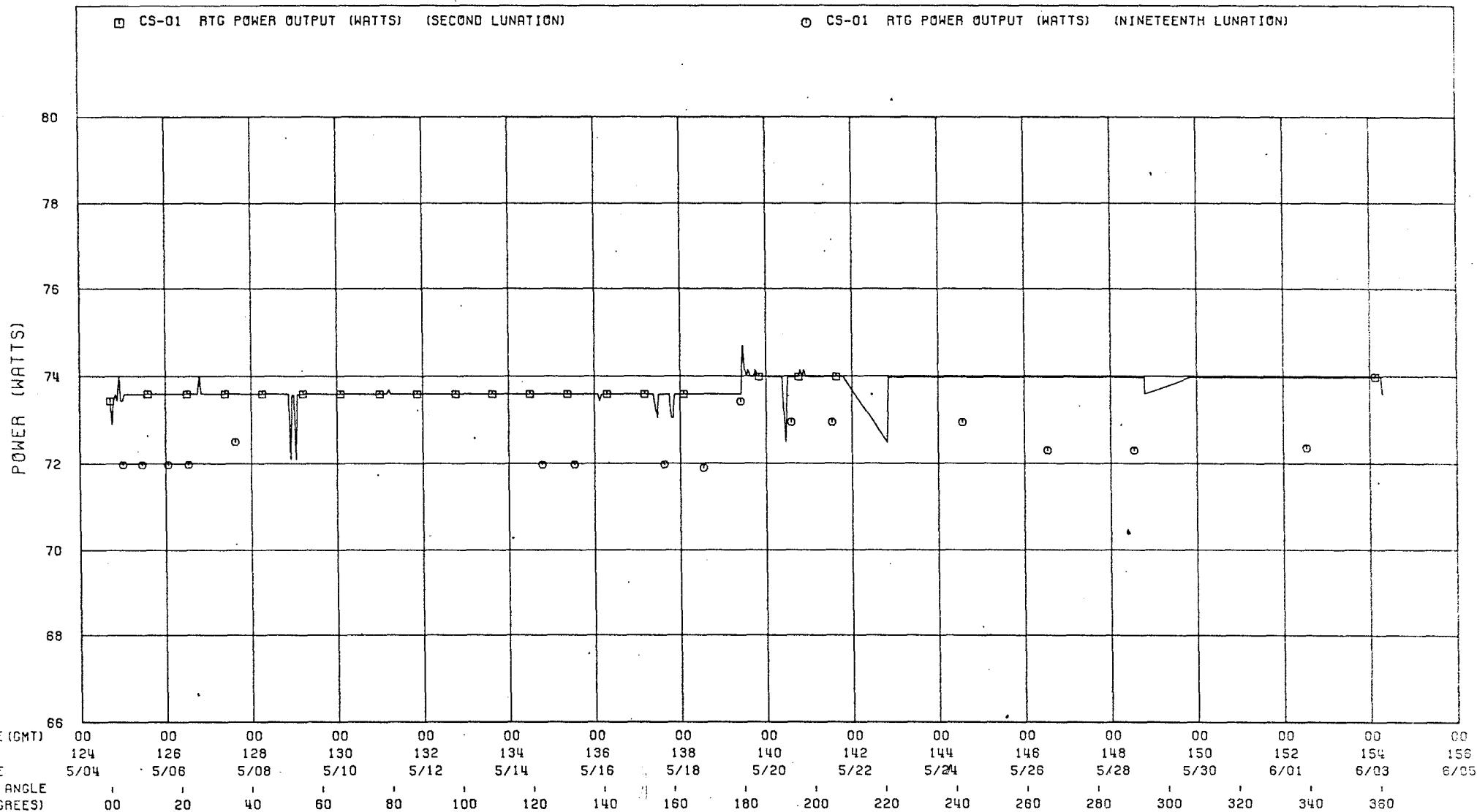
□ BX-21 SOLAR WIND SPECTROMETER (MOD 300) (SECOND LUNATION)      ○ BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (SECOND LUNATION)  
 ▲ BX-21 SOLAR WIND SPECTROMETER (MOD 300) (NINETEENTH LUNATION)      ◇ BX-22 SOLAR WIND SPECTROMETER (SENSOR CUP) (NINETEENTH LUNATION)



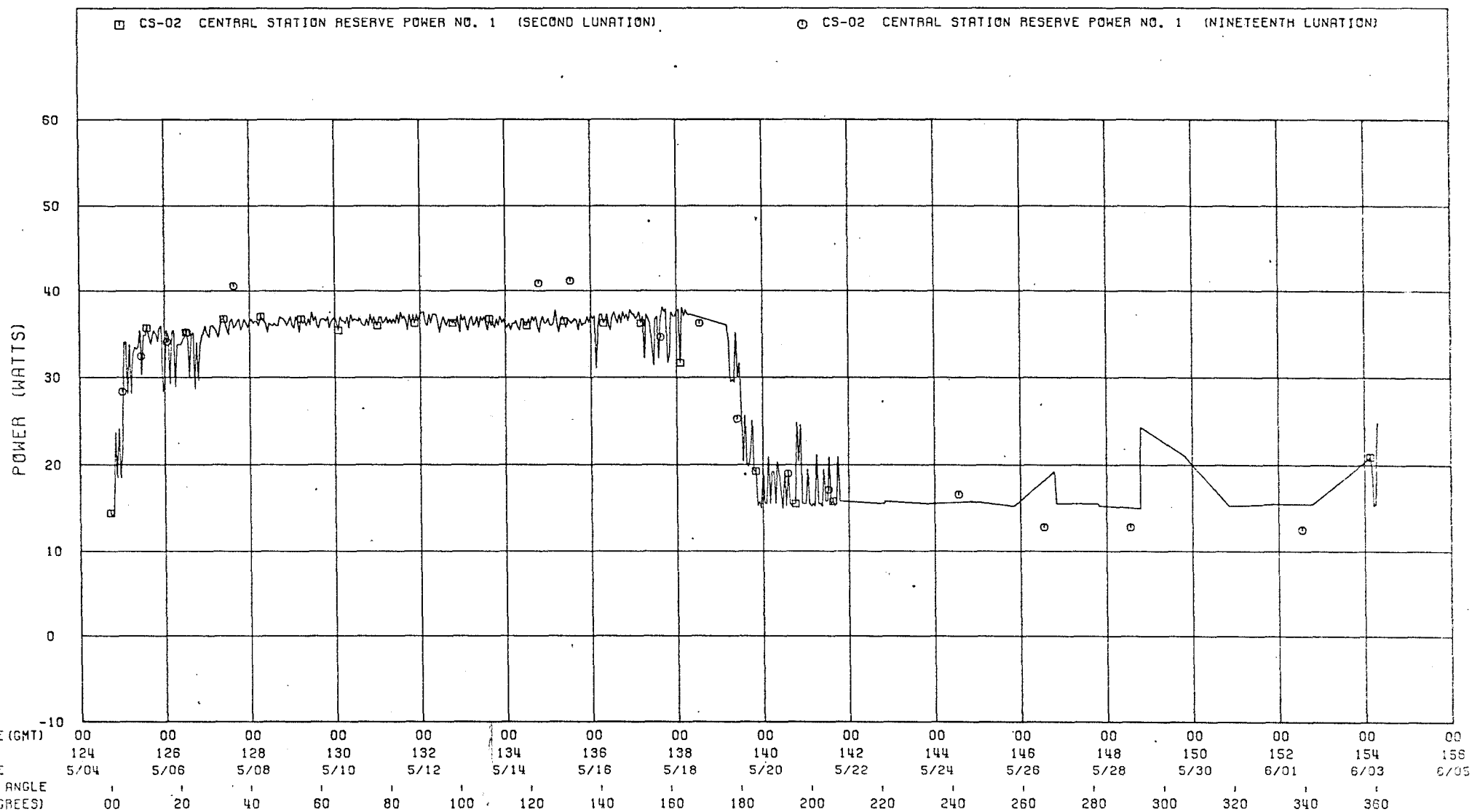
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



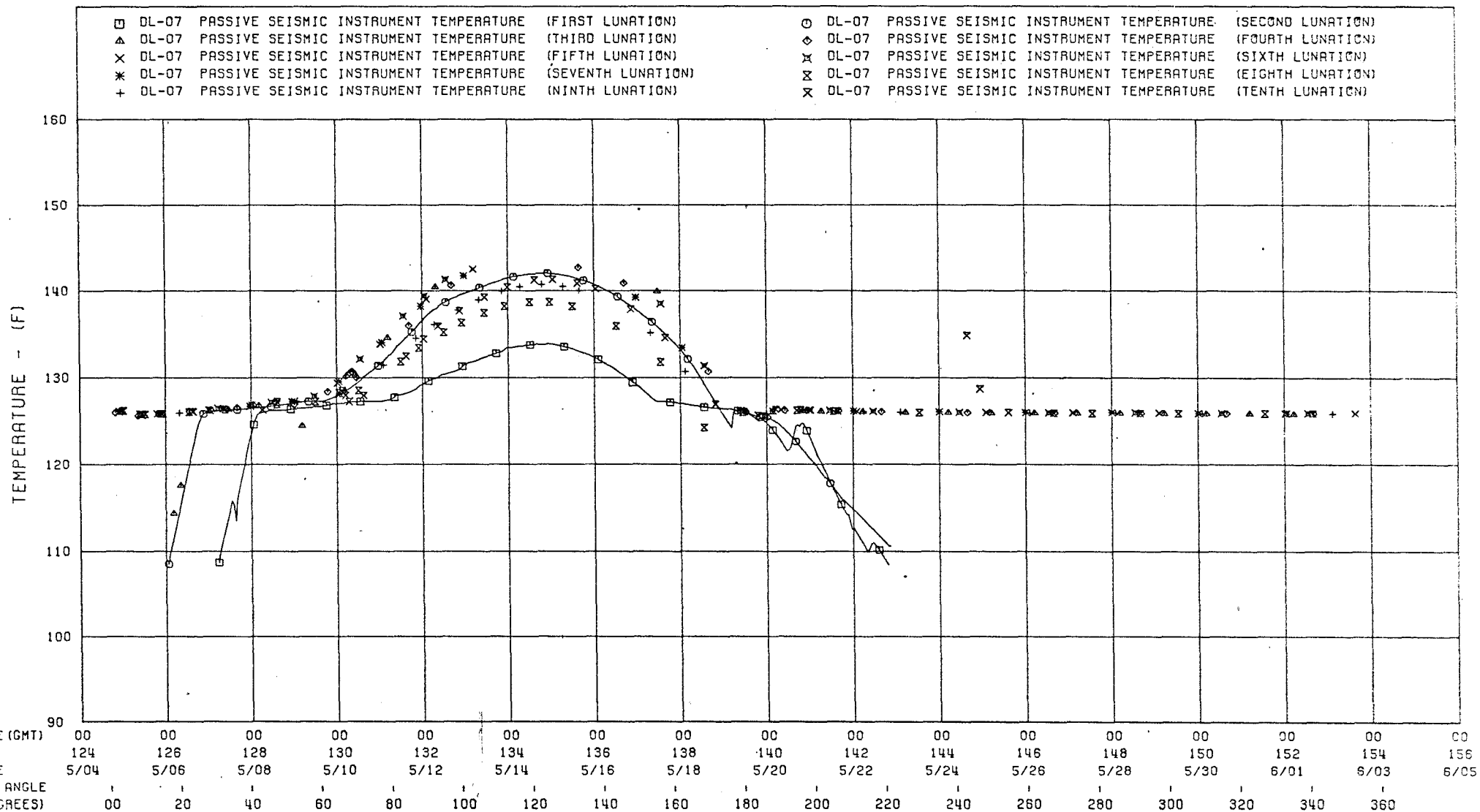
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



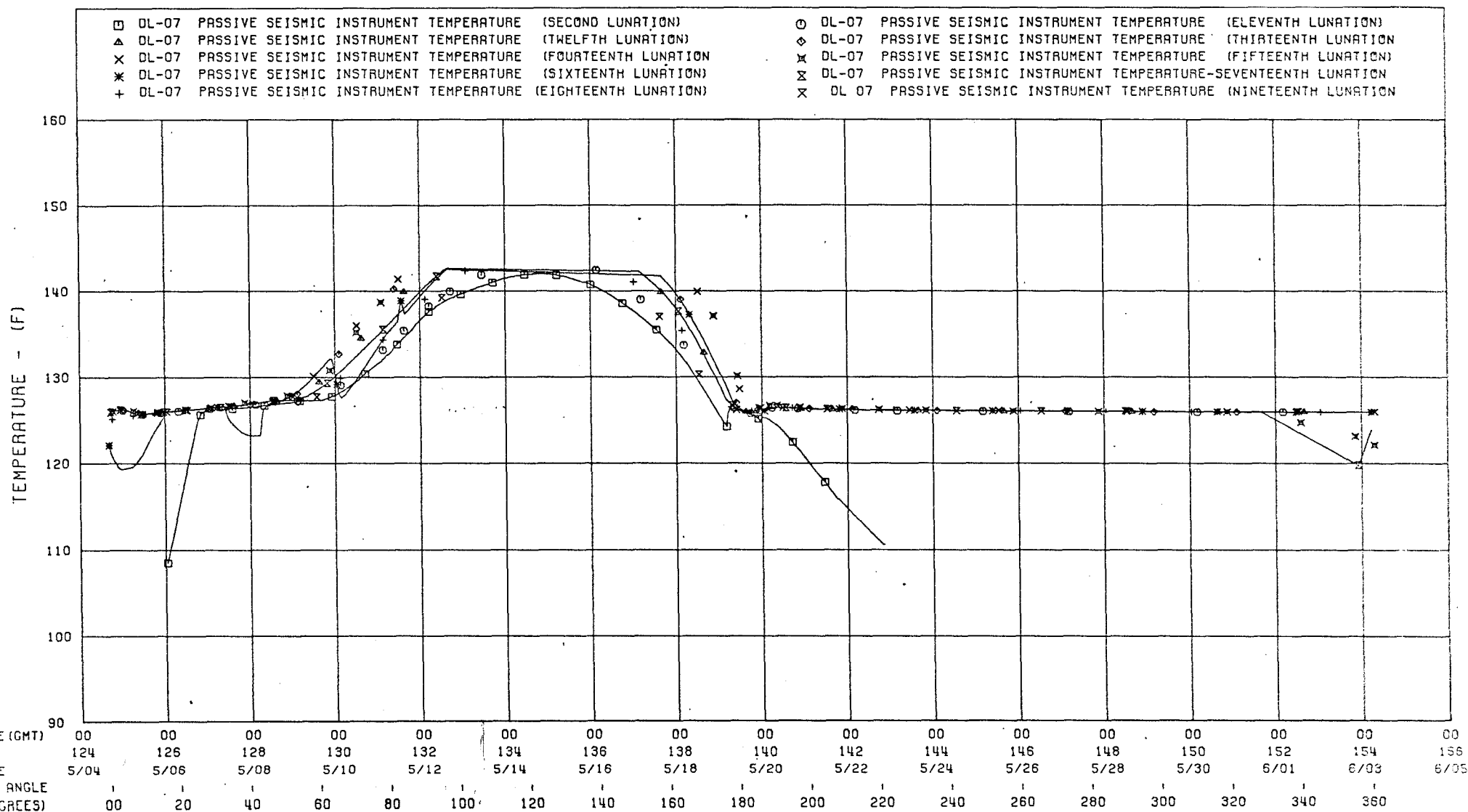
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION

SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT

SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

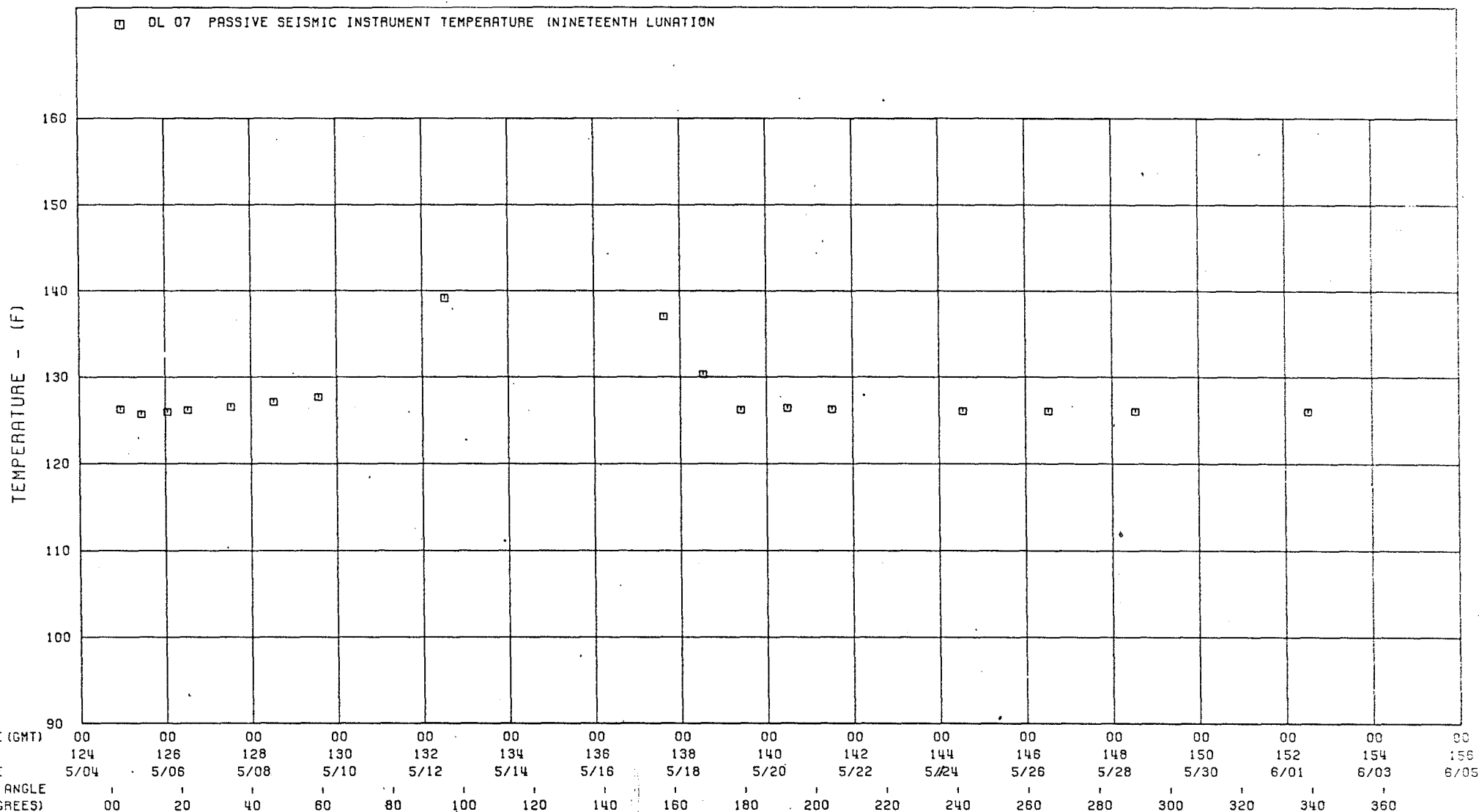


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

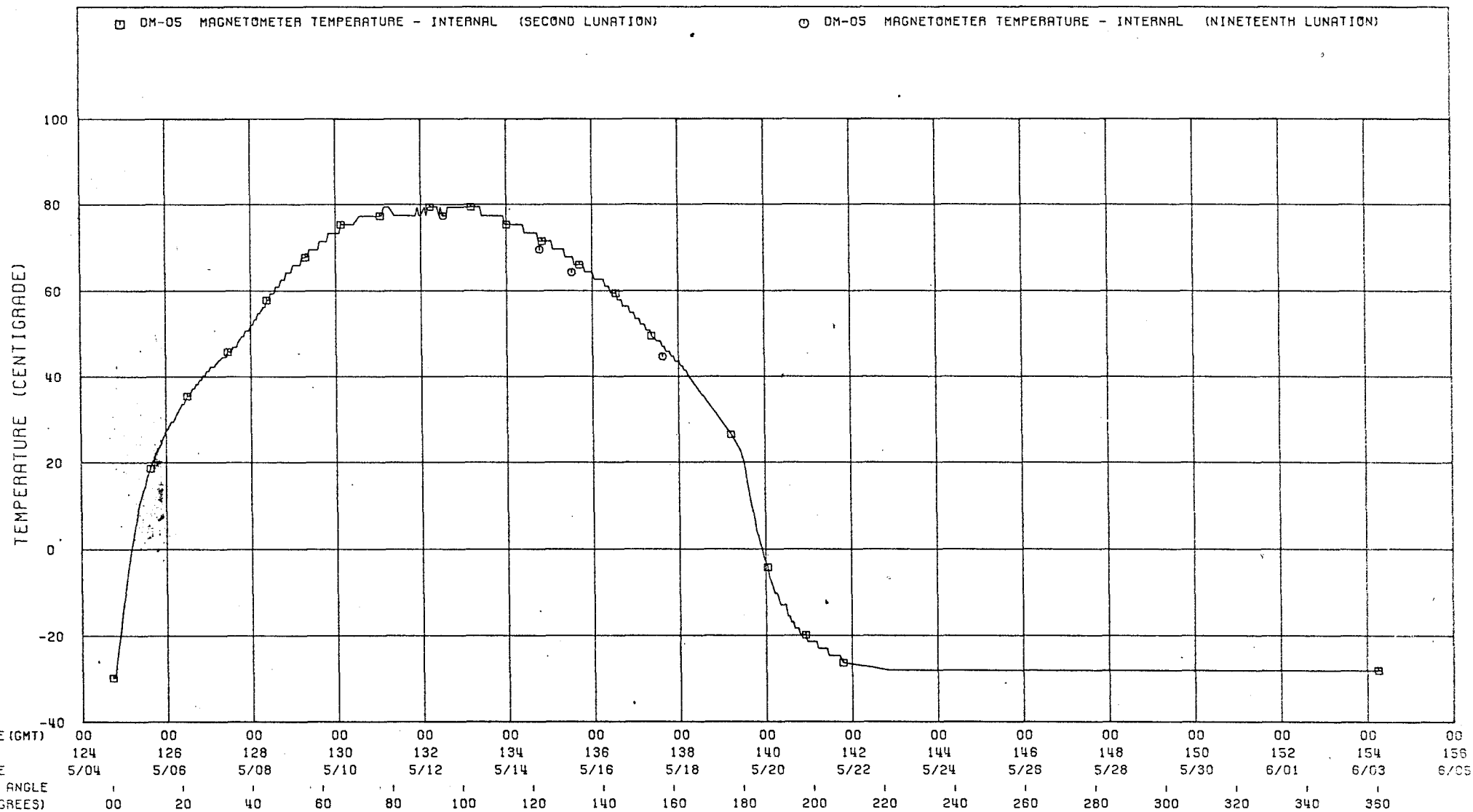


BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT

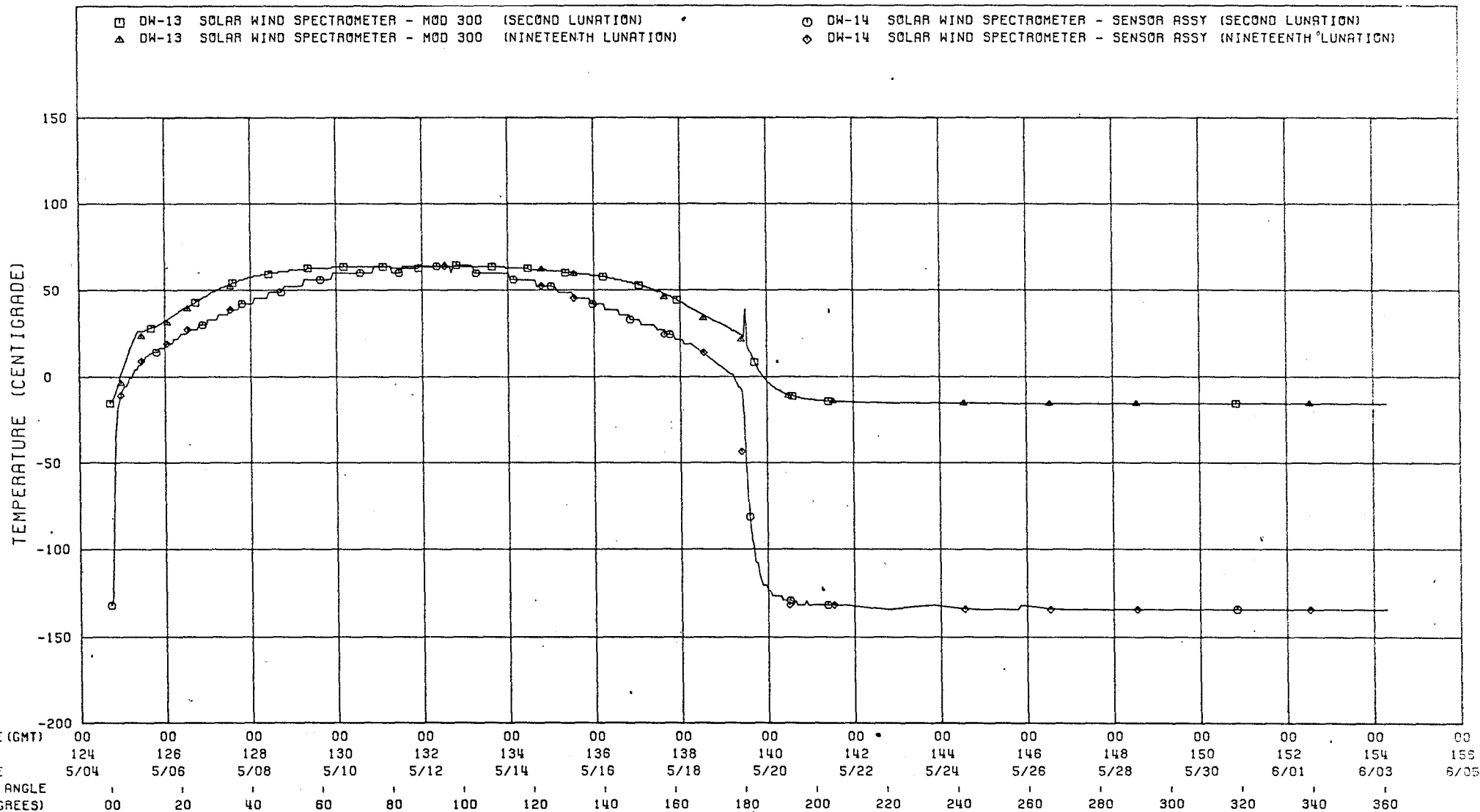
DL 07 PASSIVE SEISMIC INSTRUMENT TEMPERATURE (NINETEENTH LUNATION)



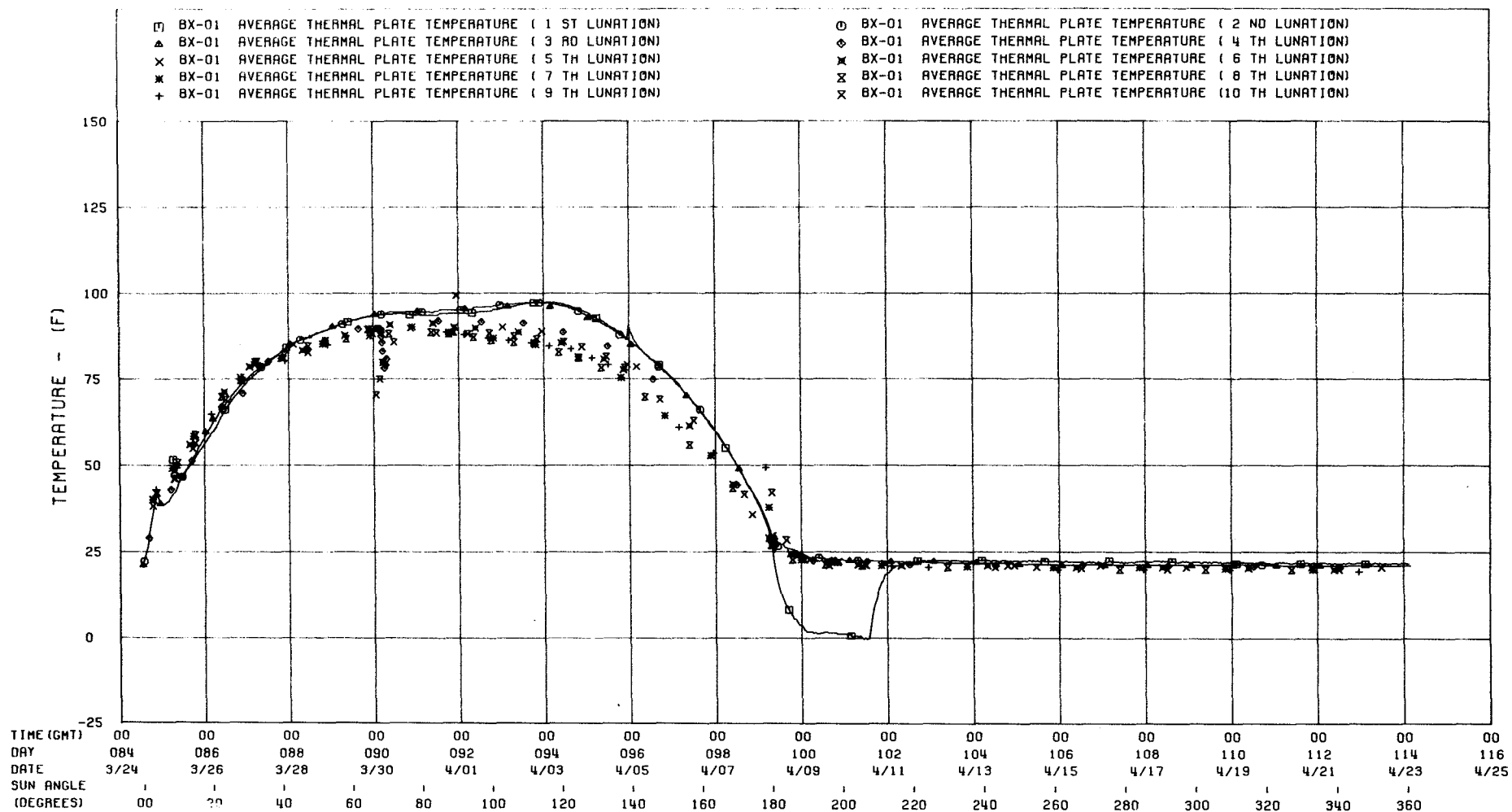
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 19 TH ALSEP LUNATION  
 SUNRISE DAY 124 (MAY 4, 1971) AT 1620 GMT  
 SUNRISE DAY 154 (JUNE 3, 1971) AT 0346 GMT



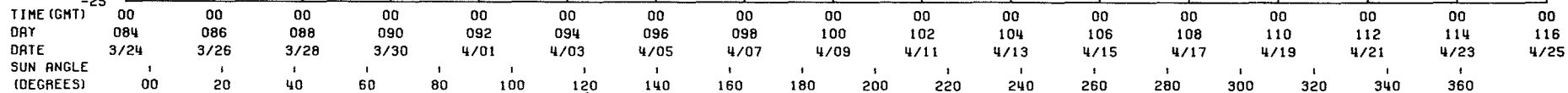
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
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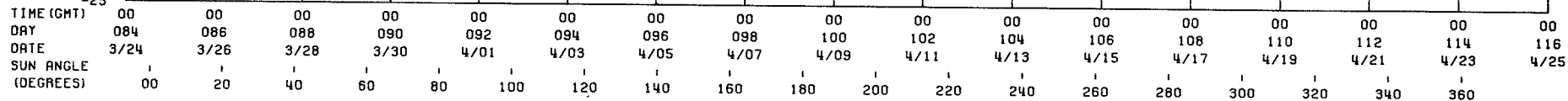
BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 30 TH ALSEP LUNATION  
 SUNRISE DAY 084 (MARCH 24, 1972) AT 1252 GMT  
 SUNRISE DAY 114 (APRIL 23, 1972) AT 0132 GMT



SUNRISE DAY 114 (APRIL 23, 1972) AT 0132 GMT



SUNRISE DAY 114 (APRIL 23, 1972) AT 0132 GMT



BENDIX AEROSPACE SYSTEMS DIVISION - THERMOPHYSICS GROUP  
 APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE (FLIGHT 1 - APOLLO 12) - 30 TH ALSEP LUNATION  
 SUNRISE DAY 084 (MARCH 24, 1972) AT 1252 GMT  
 SUNRISE DAY 114 (APRIL 23, 1972) AT 0132 GMT

