

Thursday, March 15, 2007
POSTER SESSION II: PRESOLAR/SOLAR GRAINS
6:30 p.m. Fitness Center

Savina M. R. Pellin M. J. Davis A. M. Lewis R. S. Amari S.

p-Process Signature in a Unique Presolar Silicon Carbide Grain [#2231]

A type-B presolar silicon carbon grain containing strong enhancements in the *p*-process isotopes ^{92}Mo , ^{94}Mo , ^{96}Ru , and ^{98}Ru is described. Standard type II supernova models fall short of explaining the data.

Henkel T. King A. Lyon I.

Interstellar Matter Implanted in Presolar SiC Grains [#2351]

Depth profiles for several elements have been acquired for four presolar SiC grains from the Murchison KJG-fraction. The data corroborates previous results showing implanted interstellar matter in some of these grains.