Contribution ID: 21

Type: not specified

## COMPARING SPACE RADIATION GCR MODELS WITH AMS DATA

Wednesday 26 April 2017 11:15 (30 minutes)

The Alpha Magnetic Spectrometer (AMS) onboard the International Space Station has recently made high precision measurements of the hydrogen and helium spectra from an energy of several hundred MeV/n up to the very high energy TeV/n region. Recent studies of space radiation transport through realistic spacecraft shielding scenarios have emphasized the importance of high energy hydrogen and helium contributions to the radiation effective dose received by astronauts on deep space missions. The recent AMS measurements are therefore relevant to space radiation studies. A variety of galactic cosmic ray (GCR) models currently being used for space radiation studies are compared to the AMS data.

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Session Classification: Late Wednesday Morning