## Antideuteron 2019 - University of California, Los Angeles



Contribution ID: 30 Type: oral

## Antiproton Flux in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the ISS

Wednesday, March 27, 2019 10:15 AM (30 minutes)

The fluxes and flux ratios of charged elementary particles in cosmic rays are presented in the absolute rigidity range from 1 to 1000 GV. In the absolute rigidity range  $\sim$ 60 to  $\sim$ 500 GV, the antiproton and proton are found to have nearly identical rigidity dependence. Below 60 GV, the antiproton-to-proton, ratio reaches a maximum. Future perspectives for antiproton flux measurement will also be discussed.

Primary author: ZUCCON, Paolo (Trento University, Italy)

Presenter: ZUCCON, Paolo (Trento University, Italy)