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## Measurements of cross sections of Astroparticle Physics relevance

*Monday 19 June 2023 17:35 (35 minutes)*

The current cosmic rays measurements have reached a level high level of accuracy. However a similar level of accuracy is not currently available for several crucial processes needed to properly model the cosmic rays propagation into the galaxy. A new campaign of ground measurement has started to fill this gap, but more effort is needed in this direction. I will briefly review the current experiments with particular accent on AMBER anti-p cross section measurements currently ongoing and then I will discuss idea for future possible measurements of nuclei cross section.

### Eligibility for "Best presentation for young researcher" prize

**Presenters:** ZUCCON, Paolo (INFN sezione di Perugia); ZUCCON, Paolo (Universita degli Studi di Trento and INFN (IT))

**Session Classification:** Introductory talks

**Track Classification:** Introductory talks