

Probing Galactic cosmic rays with γ -ray observations of giant molecular clouds

This contribution reports the results of high-energy observations in the locations of 28 giant molecular clouds, distributed all over the Galaxy from 0.5 to 12 kpc from us. This allowed us to derive the most extensive sampling of CRs in locations far from Earth. The derived parameters have been compared with the local spectrum. We found significant agreement with the local cosmic rays unless from some locations in the inner Galaxy where the values are fluctuating.