

Analysis of Galactic diffuse gamma-ray emission from $\sim 1\text{TeV}$ to 20TeV with LHAASO-WCDA

Galactic diffuse gamma ray emission (GDE) is introduced by the galactic cosmic rays (CR) interacting with the interstellar medium (ISM) and radiation fields (ISRF). The GDE is a very important probe of CR propagation and interaction. Different from the measurements of CR particles in the local vicinity, the GDE enables a direct measurement of CR distribution in the Milky Way, and can thus provide much more important information of the production and propagation of CRs.

Primary author: 张佩佩, UNKNOWN

Presenter: 张佩佩, UNKNOWN