

Revisiting the PeVatron candidate MGRO J1908+06 with an updated H.E.S.S. analysis

D. Kostunin*, L. Mohrmann, E. de Ona Wilhelmi, V. Joshi, A. Mitchell, S. Ohm,
B. Khélifi, L. Giunti and A. Sinha for the H.E.S.S. Collaboration

What is this contribution about?

We revisit the unidentified source MGRO J1908+06, initially detected by Milagro, using an updated H.E.S.S. dataset and analysis pipeline.

Why is it relevant / interesting?

Recent investigations of this region with different instruments have brought new insights as to its nature.

What have we done?

This progress motivates us to revisit this source using additional H.E.S.S. data not analysed previously with an updated reconstruction pipeline.

What is the result?

Exploiting the better angular resolution as compared to particle detectors, we investigate the morphology of the source as well as its spectral properties.

*presenter, contact.hess@hess-experiment.eu