

Possible 1000 TeV gamma-ray modeling of 1ES1741+196

1ES1741+196 is one of the luminous sources that have been observed in the multi-wavelengths with the archived highest energy events observed by MAGIC at 80 GeV to 3 TeV within the time period 10 April 2010 until 26 May 2011. Meanwhile, the Tibet AS+MD array has observed diffuse gamma rays with energy 338 TeV-1000 TeV. These are the highest energy gamma rays that have been observed to date. We have searched for a spatial correlation between the gamma-ray events above $|\delta| > 20$ degrees with the TeVCat extragalactic sources. The search resulted in one event being correlated with the source 1ES1741+196 within 4 degrees. Hence here we present the lepto-hadronic modelling of the source for the highest energy gamma rays.

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Session Classification: Contributed posters