

New results on the anomalous transparency of the Universe for very-high-energy gamma rays

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Unphysical distance dependence in convex features of deabsorbed blazar spectra (upward breaks), reported in 2014, suggested incorrect model of absorption of $E > 100$ GeV gamma rays due to e^+e^- pair production on the extragalactic background light (EBL). We present and interpret results of the new study aimed to constrain EBL in the same approach, making use of an updated clean source sample, new gamma-ray data and most recent absorption models.

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