Tentativ evidence for an intrinsic multi-TeV turnover in the spectra of Mkn501 and Mkn421

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Using our newly developed model for the metagalactic radiation field (MRF) due to optical and infrared emitting galaxies, we investigate the effect of cosmological pair attenuation on the gamma-ray spectra of blazars. The analysis is based on all available datasets for Mkn501 and Mkn421 in their high states. We find best-fit solutions for the de-absorbed spectra which indicate an intrinsic turnover.