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On the Properties of Inverse Compton Spectra Generated by Upscattering a Power-law Distribution of Target Photons

Felix Aharonian, Dmitry Khangulyan, Andrew M. Taylor

Astrophysical Journal 2023 186

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On the Nature of the Energy-dependent Morphology of the Composite Multi-TeV Gamma-Ray Source J1702-204

Felix Aharonian, Denys Malyshev, Maria Chernyakova

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The Vanishing of the Primary Emission Region in PKS 1510-089

F. Aharonian, V. Sahakian, etc

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The Formation of Hard Very High Energy Spectra from Gamma-ray Burst Afterglows via Two-zone Synchrotron Self-Compton Emission

Felix Aharonian, Andrew M. Taylor, Dmitry Khangulyan

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F. Aharonian, V. Sahakian, etc

Astronomy and Astrophysics 2023 A138

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New estimation of the nuclear de-excitation line emission from the supernova remnant Cassiopeia A

Felix Aharonian, Bing Liu, Rui-zhi Yang, Xin-yu He

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Line profile of nuclear de-excitation gamma-ray emission from very hot plasma

Felix Aharonian, Hiroki Yoneda, Paolo Coppi, Thomas Siegert, Tadayuki Takahashi

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