

List of publications

Dr. Samvel V. Ter-Antonyan

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- 120** A.P. Garyaka, R.M. Martirosov, S.V. Ter-Antonyan et al., *All-particle primary energy spectrum in the 3-200 PeV energy range*. Journal of Physics G: Nuclear and Particle Physics, **35** (2008) 115201/ arXiv:0808.1421 v1 [astro-ph] (2008).
- 119** R.M. Martirosov, S.V. Ter-Antonyan et al., *Energy spectra and elemental composition of primary nuclei in the knee region: Recent results from the GAMMA experiment*. Nuclear Physics **B** 175-176 (2008) 311.
- 118** L.W. Jones, Y.A. Gallant, A.P. Garyaka, R.M. Martirosov, S.V. Ter-Antonyan et al., *Future Plans for the GAMMA Array on Mt. Aragats*. Nuclear Physics B, 175-176 (2008) 315.
- 117** S.V. Ter-Antonyan, *Mutually compensative pseudo solutions of primary energy spectra in the knee region*. Astropart. Phys. **28** (2007) 321 / (arXiv:0706.4087v1 [astro-ph], 2007).
- 116** A.P. Garyaka, R.M. Martirosov, S.V. Ter-Antonyan et al., *Rigidity dependent cosmic ray energy spectra in the knee region obtained with the GAMMA experiment*. Astropart. Phys. **28**, (2007) p.169 / (arXiv:0704.3200v1 [astro-ph], 2007).
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- 114** R.M. Martirosov, A.P. Garyaka, S.V. Ter-Antonyan et al., *Evidence for a bump in the primary cosmic ray energy spectrum at 3-200 PeV*. Proc. 30th ICRC, Merida, Yucatan, HE 1.2.A, 515 (2007).
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- 109.** S.V. Ter-Antonyan, R.M. Martirosov et al., *Primary Energy Spectra and Elemental Composition: GAMMA Experiment*. astro-ph/0506588 v.1 (2005).
- 108** Samvel Ter-Antonyan and Peter Biermann, *Primary Cosmic Ray Spectra in the Knee Region*. Proceedings 28th ICRC, Tsukuba, Japan, p.235, (2003).
- 107.** S.V. Ter-Antonyan, *About EAS inverse approach*. 28th ICRC, Tsukuba HE2 (2003) 239 (arXiv:astro-ph/0303658).
- 106.** Peter L. Biermann, Sergej Moiseenko, Samvel Ter-Antonyan, & Ana Vasile, *Cosmic Ray from PeV to ZeV, Stellar Evolution, Supernova Physics and Gamma Ray Bursts*. Preprint, 2003, arXiv:astro-ph/0302201.
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