

Study of Anisotropy in Arrival Directions in the Highest Energy Cosmic Rays from High Resolution Fly's Eye Results

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Abstract

We report results on the anisotropy of arrival directions of cosmic rays with energies greater than 3×10^{18} . The first of two High Resolution Fly's Eye sites began taking data in early 1997. While construction at the second site continued, the first site has collected about 20 months of data in monocular mode operation. We examine this data for dependence on galactic or super-galactic latitude.