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Study of cosmic rays in the range of 10^{17} - 10^{18} eV with extensions of Pierre Auger Observatory.

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Abstract content

This work focuses on the analysis of data from the Pierre Auger Observatory extensions: Infill and HEAT in the range of 10^{17} - 10^{18} eV, because at these energies the transition from the galactic to extragalactic accelerators is expected. Also a spectral feature caused by the drop of the heavy component of the galactic cosmic rays has been predicted.

Summary

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