

Joint analysis of the energy spectrum of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory and the Telescope Array

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<https://pos.sissa.it/395/337>

- What is this contribution about?

Report from the Auger-TA energy spectrum joint working group

- Why is it relevant / interesting?

We believe many researchers want to know about detailed comparisons and differences the Auger and TA results.

- What have we done?

Compared the methods, energy scale differences, and investigated fine structure of the spectrum

- What is the result?

There is an absolute energy scale difference at a level of 9% in the Auger and TA results, and identified a new feature in the spectrum, “instep”, both in the Auger and TA data.