

## **Executive Summary:**

### **Observation of large-scale anisotropy in the arrival directions of cosmic rays with LHAASO-KM2A**

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This report introduced the study of large-scale anisotropy with LHAASO-KM2A.

The evolution of large-scale anisotropy with energy hints the origin of cosmic rays.

We analyzed the large-scale anisotropy from 23 TeV to 985 TeV.

The large-scale anisotropy by LHAASO-KM2A shows an evident energy dependent, and an “inverse” anisotropy appears with a significance of  $5\sigma$ .