Abstract Submitted
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Source of the highest energy Galactic Cosmic Rays[1] GLENNYS FARRAR, New York Univ NYU, CHEN DING, New York Univ — There are multiple strands of evidence for a distinct population of high energy Galactic Cosmic Rays (GCRs), component B, consistent with a Peters cycle at energies well beyond the main population of supernova-remnant-accelerated CRs. We present evidence that the source of these GCRs was a single transient event and identify a possible relic of the event. The consistency of such a scenario with constraints from CR flux, GCR spectral shape and anisotropy, and the rate of known transient event types, will be discussed.

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