

A possible connection of the broken power law between electron- and proton- spectra

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Using the gluon condensation (GC) model, we predict a possible connection between the energy spectra of electron and proton. When GC occurring, large amount of gluons accumulate near the GC threshold, this phenomenon provides a possible source of the power rule broken in the energy spectra of cosmic rays, and also it predicts the connections between them.

Presenter(s) : Prof. 张, 张 (East China Normal University)

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