

## 2011年富士山山頂における雷雲活動に関連する高エネルギー放射線観測 Energetic radiation associated with thunderstorm activity at the top of Mt. Fuji on 2011.

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Gradual energetic radiations probably caused by a summer thunderstorm have been observed at the top of Mt. Fuji, Japan on Aug. 8, 2011. The variation lasted for a few minutes, and was found to be high-energy gamma rays having a continuous energy spectrum up to around 10 MeV. The origin of variations might be the bremsstrahlung photons generated by the energetic electrons produced continuously with an intense electric field in the thundercloud.

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