

THE COSMIC RAY MOON SHADOW SEEN BY MILAGRO

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Milagro cosmic ray detector, an large-area EAS water Cherenkov experiment, easily detects the blockage of TeV cosmic rays by the moon. The absence of these cosmic rays can be used to calibrate the absolute energy scale and the directional event reconstruction of the Milagro detector using the Earth's magnetic field as a known quantity. These data can also put limits on the antiparticle flux of cosmic rays in the TeV regime.