MEASUREMENT OF SUB-TEV GAMMA-RAY FLUX FROM RXJ1713-39 WITH CANRAGOO-II TELESCOPE

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Evidence for TeV emission from the supernova remnant RXJ1713-39 was obtained with the CANGAROO-I 3.8 m telescope in 1998. We have been observing RXJ1713-39 with the CANGAROO-II telescope since its expansion from 7 m to 10 m diameter, and have confirmed the SNR is a source of sub-TeV gamma-rays with a significance greater than 6 sigma. We have observed for a total of approximately 600 min ON-source and 600 min OFF source. The minimum detected energy was estimated to be 400 GeV. The energy spectrum between 400 GeV and 3 TeV was obtained.