

Fuel dependent yield of reactor neutrinos at RENO

A study has been on progress to find changes in the reactor antineutrino flux with respect to the reactor fuel evolution through grouping RENO data by effective fission fraction of Pu-239. Observed fuel dependent variation of reactor antineutrino flux has been used to determine IBD yield from each fission isotope. The measurement of IBD yield from each fission isotope test reactor antineutrino model and suggest which fission isotope may be responsible for reactor anomaly.

Authorship annotation

for the RENO collaboration

Session and Location

Monday Session, Poster Wall #173 (Ballroom)

Poster included in proceedings:

no

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Track Classification: Poster (not participating in poster prize competition)