

Solar boron-8 neutrino detection with the LZ dark matter experiment

Authorship annotation

for the LZ collaboration

Session and Location

Wednesday Session, Poster Wall #34 (Auditorium Gallery Right)

Abstract content

We present the projected sensitivity of the LUX-ZEPLIN (LZ) dark matter experiment to solar boron-8 neutrinos detected via coherent elastic neutrino-nucleus scattering, and the physics prospects opened by such a measurement with the LZ detector.

Poster included in proceedings:

yes

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Session Classification : Poster Session Wednesday

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