

Transverse Enhancement and Meson Exchange Current Contributions to Quasielastic Neutrino Scattering on Nuclear Targets

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We use quasielastic electron scattering data on nuclear target to parametrize the enhancement to the transverse response functions in nuclear targets. This enhancement has been attributed to meson exchange currents in nuclei. We parametrize both the overall magnitude of the enhancement and the contribution to the width of the quasielastic peak.

The model is in good agreement with recent measurements of MiniBooNE and MINERvA.

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