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Quasi-elastic scattering, RPA, 2p2h and neutrino energy reconstruction

Saturday, 5 July 2014 09:00 (15)

We discuss some nuclear effects, RPA correlations and 2p2h (multinucleon) mechanisms, on charged-current neutrino-nucleus reactions that do not produce a pion in the final state. We study a wide range of neutrino energies, from few hundreds of MeV up to 10 GeV. We also examine the influence of 2p2h mechanisms on the neutrino energy reconstruction.

Summary

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