

Deuteron Break-Up by Positive Muon

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The $\mu^+d \rightarrow \mu^+pn$ process is described in the framework of the impulse approximation for laboratory energies of the incoming muon above 30 MeV.

A phenomenological description of the relativistic neutron-proton-deuteron vertex is used and the off-shell behaviour of the μ^+p electromagnetic interaction is studied.