

Abstract Submitted
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**Measurement of Neutrino Induced Inclusive Delta Resonance
Cross section in NOMAD** CHRIS KULLENBERG, JAE KIM, The University
of South Carolina — The measurement of neutrino induced inclusive Resonance
interaction process in NOMAD will be discussed. The signature of a ν_μ induced
resonance off a neutron target results in a μ^- with Δ^{++} (1230) resonance; the Δ^{++}
decays into a proton and a pion (two positive hadrons). A likelihood method was
used to separate the signal from background (+- hadron pairs). The measurement
technique and the preliminary results will be presented.

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