



Poster session 3 – Wednesday 6 July

P3.020 Muon neutrino disappearance measurement at MINOS+

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on behalf of MINOS collaboration

The MINOS experiment ran from 2003 until 2012 and produced some of the best measurements of the atmospheric neutrino oscillation parameters Δm_{32}^2 and θ_{23} using muon neutrino disappearance of beam and atmospheric neutrinos and electron neutrino appearance of beam neutrinos. The MINOS+ experiment succeeded MINOS in September 2013. For almost three years MINOS+ has been collecting data from the Medium Energy NuMI neutrino beam at Fermilab. Results of the muon neutrino disappearance analysis from the first two years of MINOS+ data will be presented. These results will be compared to and combined with the MINOS measurement.