## Candidate Track Length 1000 No. of events Normalised to $4.95 \times 10^{19}$ POT On-Beam BNB (Data) Selected $\nu_{\mu}$ CC + BGR (MC) 800 $v_x$ NC BGR events (MC) $v_e \& \overline{v}_e CC BGR (MC)$ $\overline{\nu}_{\mu}$ CC BGR (MC) Out of FV BGR (MC) 600 Dirt BGR (MC) Cosmic BGR (MC) Off-Beam Cosmic (Data) 400 200 0 2.5 OnBeam/(MC + BGR) 2 1.5 0.5 100 200 300 400 500 600 700 800

Muon Track Length 1

[cm]