Vertex Position in Z No. of events Normalised to 4.95×10^{19} POT 400 $\begin{array}{l} \text{Selected} \ \nu_{\mu} \ CC + BGR \ (MC) \\ \nu_{e} \ \& \ \overline{\nu}_{e} \ CC \ BGR \ (MC) \end{array}$ On-Beam BNB (Data) v_x NC BGR events (MC) 350 \overline{v}_{μ} CC BGR (MC) Out of FV BGR (MC) Dirt BGR (MC) Cosmic BGR (MC) 300 Off-Beam Cosmic (Data) 250 200 150 100 50 1.8 OnBeam/(MC + BGR) 1.6 1.4 1.2 0.8**E** 200 400 600 800 1000 0 z-coordinate [cm]