

+ UISANCS

Measuring the Single Transverse Variables

• We measure a fiducial differential $CC0\pi + Np$ (N ≥ 1) cross section on CH using FGD1 and the TPCs.

 $p_{\mu} > 250~MeV$, $\cos(heta_{\mu}) > -0.6$, $p_p > 450~MeV$, $p_p < 1~GeV$, $\cos(heta_p) > 0.4$

- The cross-section extraction is via a binned likelihood fit of the number of signal events.
 - Data-driven regularisation and little other use of signal simulation → minimal model dependence

