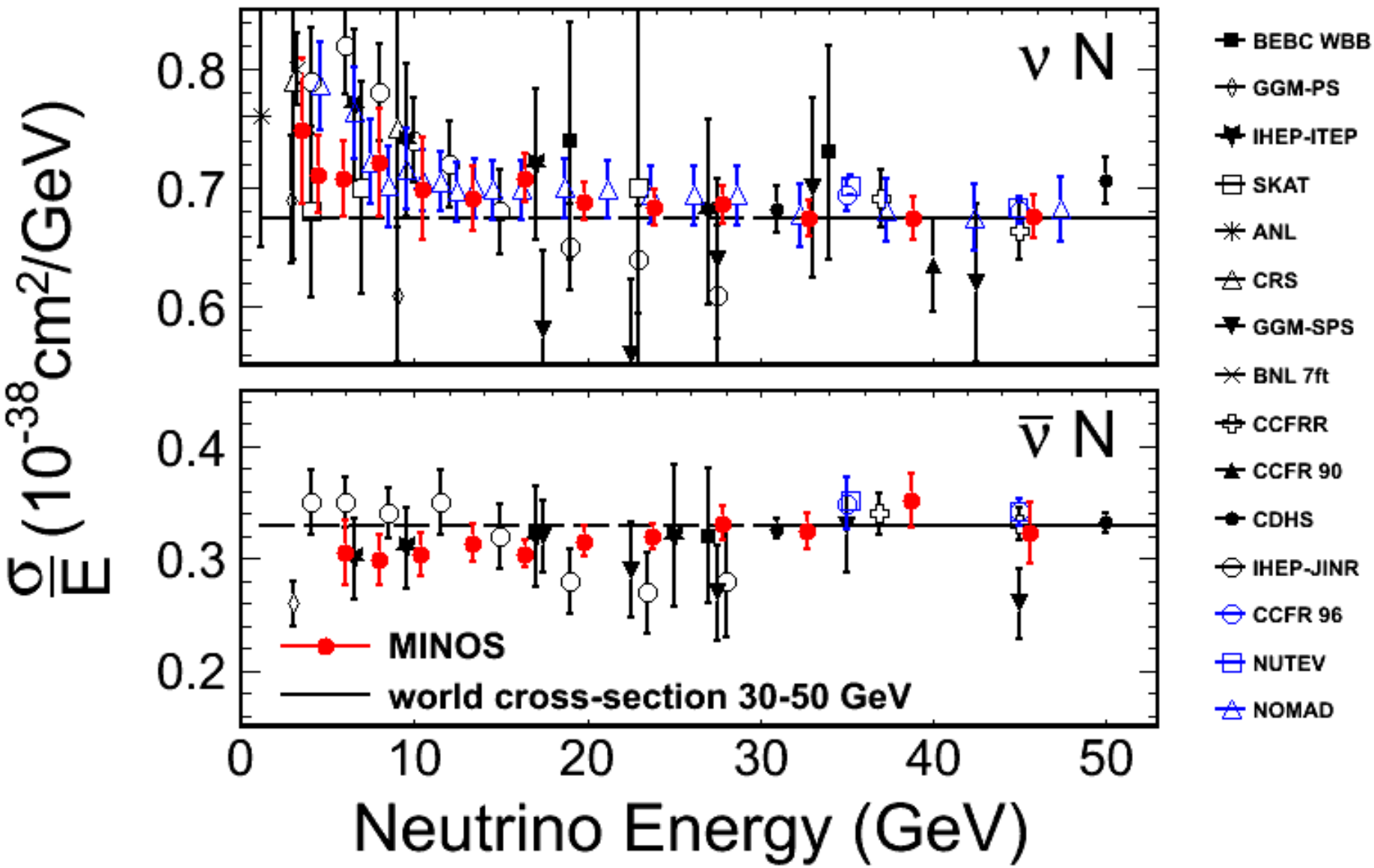
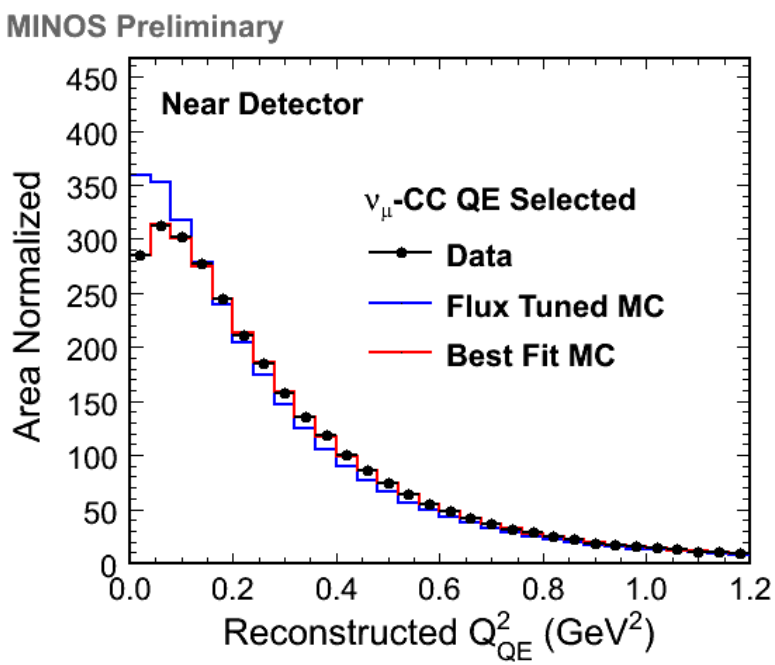
Measured CC cross-sections

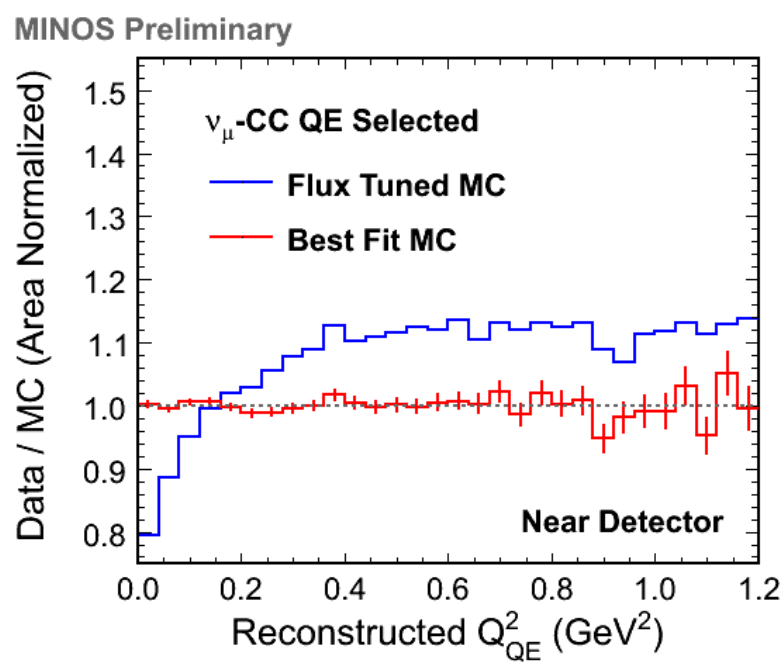
Phys. Rev. D 81, 072002 (2010)



Quasi-Elastic Axial Mass

$\nu_\mu n \rightarrow \mu^- p$





Effective $M_A^{QE} = 1.19\ ^{+0.09}_{-0.10}$ (fit) $^{+0.12}_{-0.14}$ (syst) GeV

Parameter	M_A^{QE} (GeV)	E_μ-Scale	M_A^{RES} (GeV)	k_{Fermi}-Scale
Best Fit	1.192	0.988	1.112	1.284

Fit needs to warp nuclear model to reduce cross-section at low Q^2