

The BNL - 734 experiment

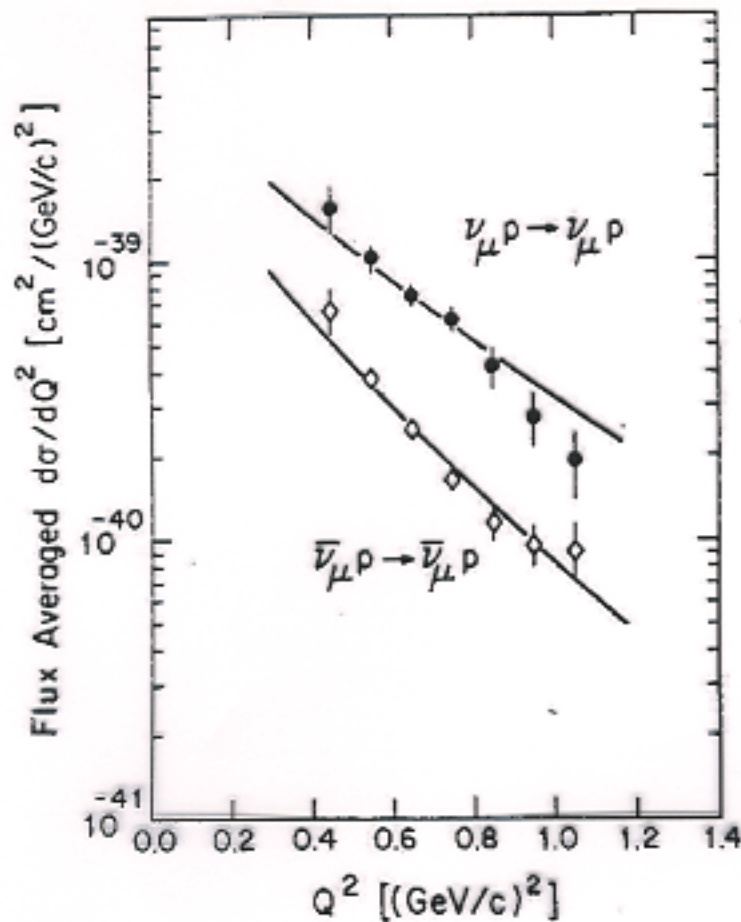


Fig. 2 – Flux averaged differential cross sections measured by Ahrens et al., PRD35 (1987). Solid curves are the best fit to the combined data using $M_A = 1.06$ GeV and $\sin^2_W = 0.220$. The same data are compatible (at 90% CL) with $-0.25 \leq G_A^s(0) \leq 0$ if the axial cutoff is constrained to $M_A = 1.032 \pm 0.036$ GeV.