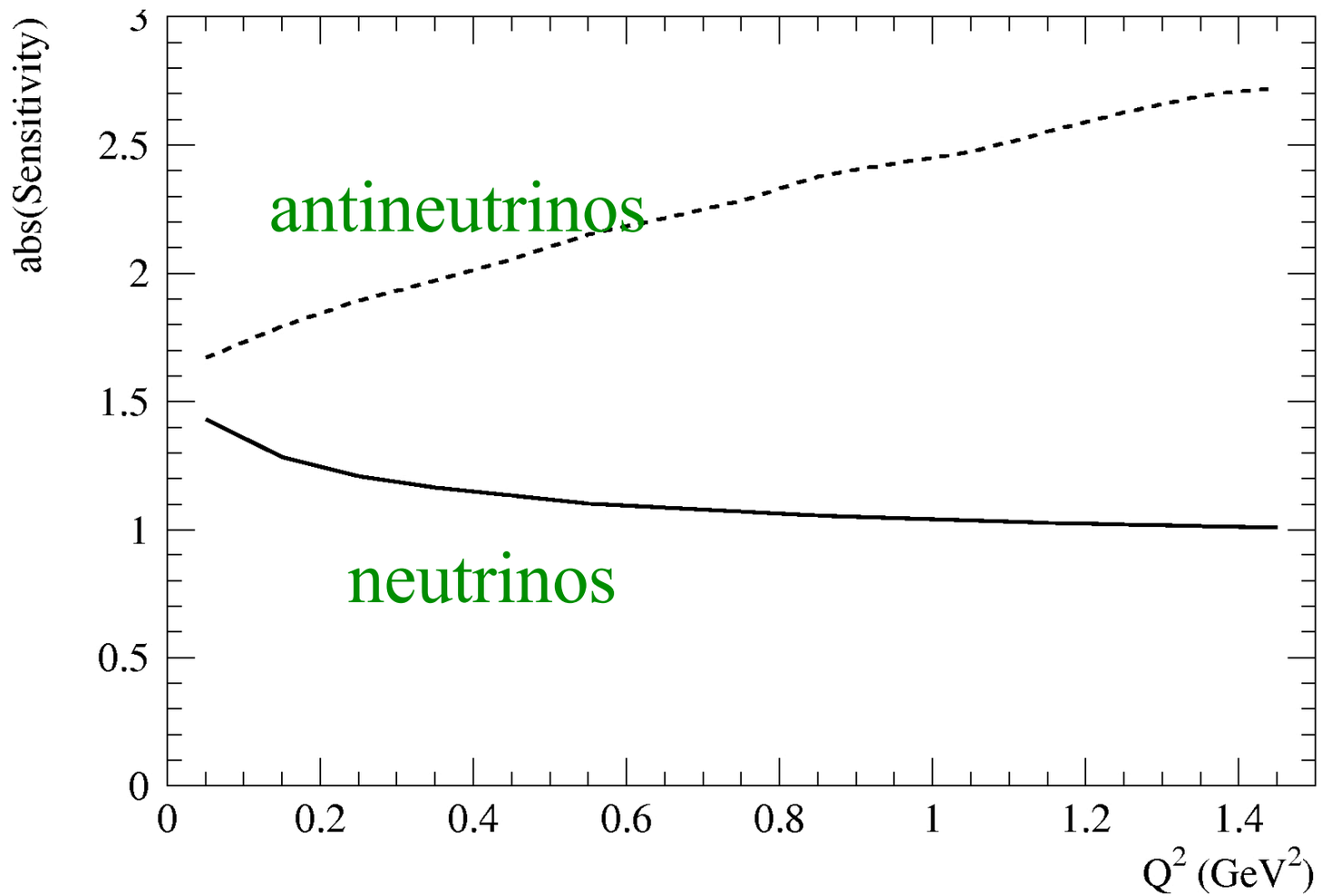
MEASUREMENT OF Δs

$$R_\nu(NC/CC) = \frac{\sigma(\nu_\mu p \to \nu_\mu p)}{\sigma(\nu_\mu n \to \mu p)}$$

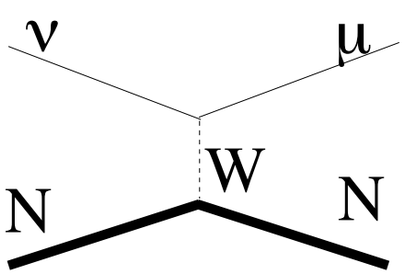
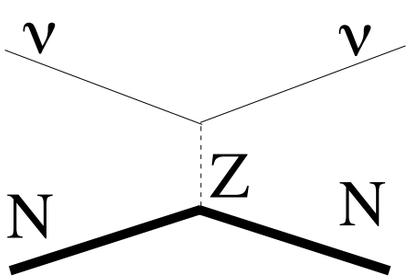
$$\overline{R_\nu}(NC/CC) = \frac{\sigma(\overline{\nu_\mu} p \to \overline{\nu_\mu} p)}{\sigma(\overline{\nu_\mu} p \to \mu n)}$$

$$\frac{d\sigma}{dQ^2}(\nu p \to \nu p) \propto (-G_A + G_A^s)^2$$

$G_A^s(Q^2 = 0) = \Delta s$



"CC": charged-current



"NC": neutral-current