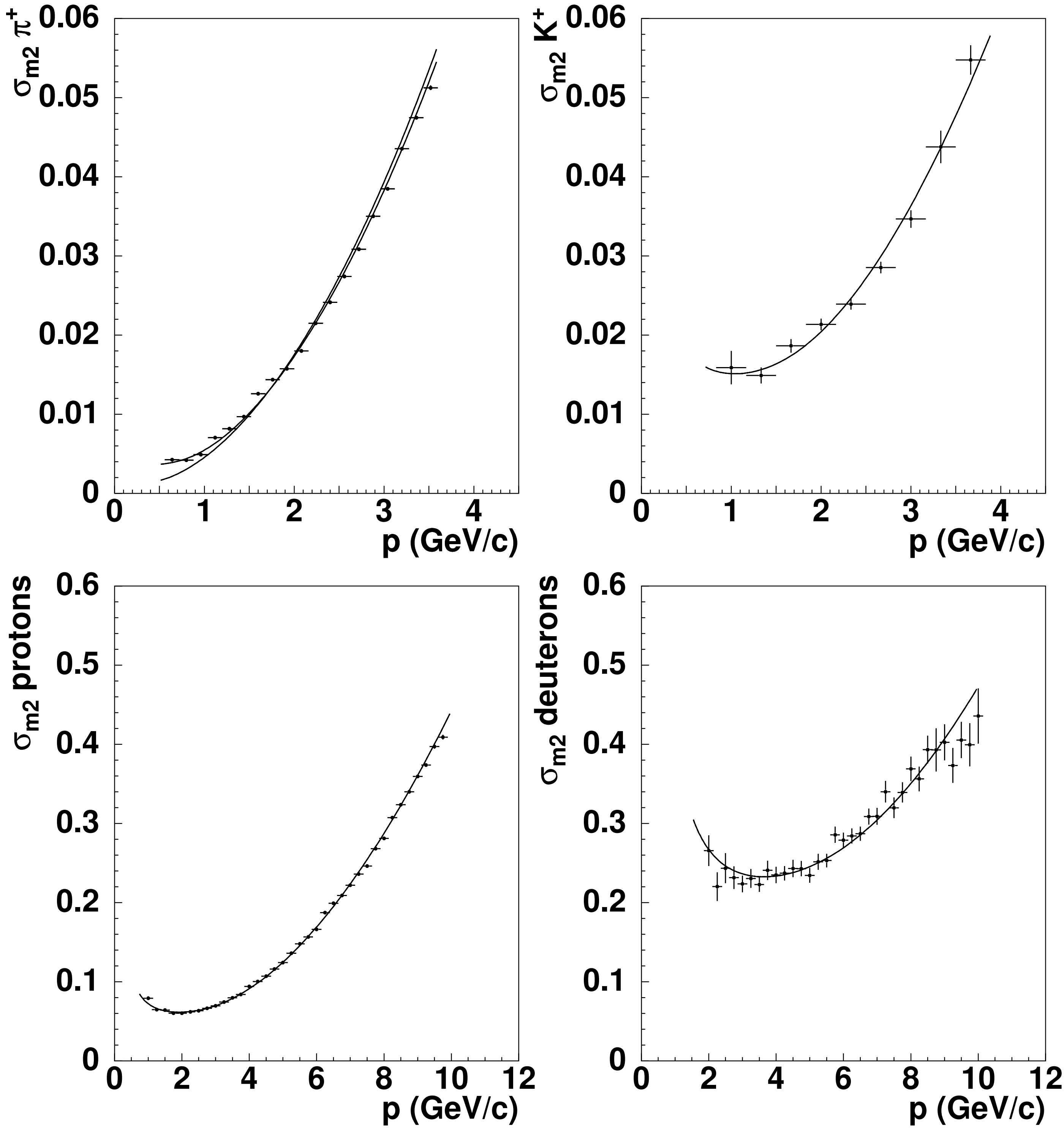
Mass Resolution



$$\sigma_{m^2}^2 = C_1 \cdot 4m_0^4 p^2 + C_2 \cdot 4m^4\left(1 + \frac{m_0^2}{p^2}\right) + C_3 \cdot \left(4p^2(m_0^2 + p^2)\right)$$

position res. + **B**   mult. scattering $\sigma_{tof} \sim 83$ps