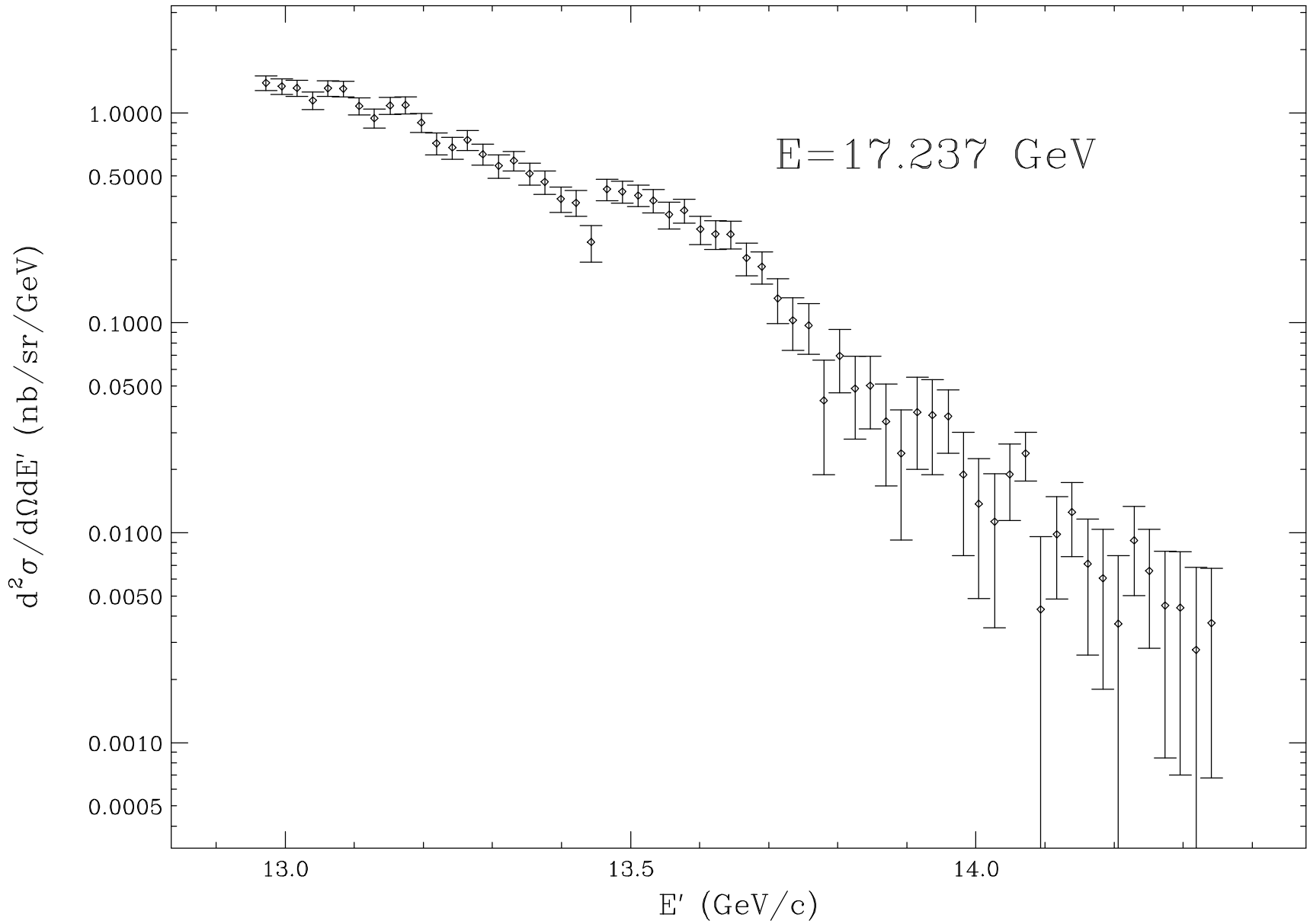Fig.20 σ_d Sweep