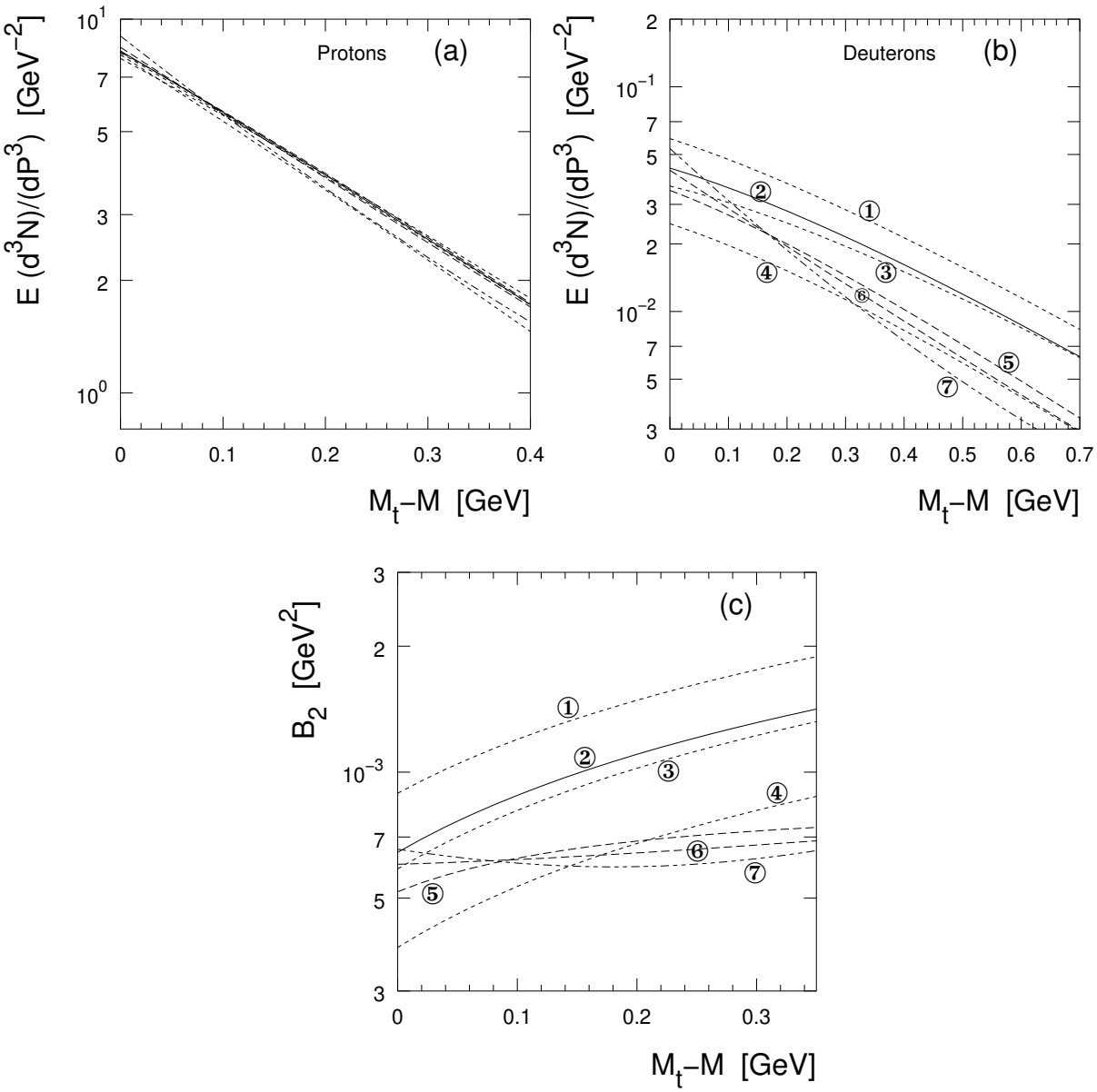
expanding source model: R.Scheibl,U.Heinz:PRC59(1999)

cluster spectra sensitive to shape of fireball
HBT meaurements constrain only rms radii



NA49 results favor box-shape radial density profile (1)-(4)

resulting parameters (4): $\tau_0 = 9fm/c \quad \rho_{box} = 14fm$
$T = 126MeV \quad \eta_f = 0.28 \quad \mu/T = 1.75$