GEANT 3.21 Simulations of Balbekov's Ring.

Wedge absorber influence on particle motion.

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Ring Coolers and Emittance Exchange Workshop
FNAL, Nov 18-22

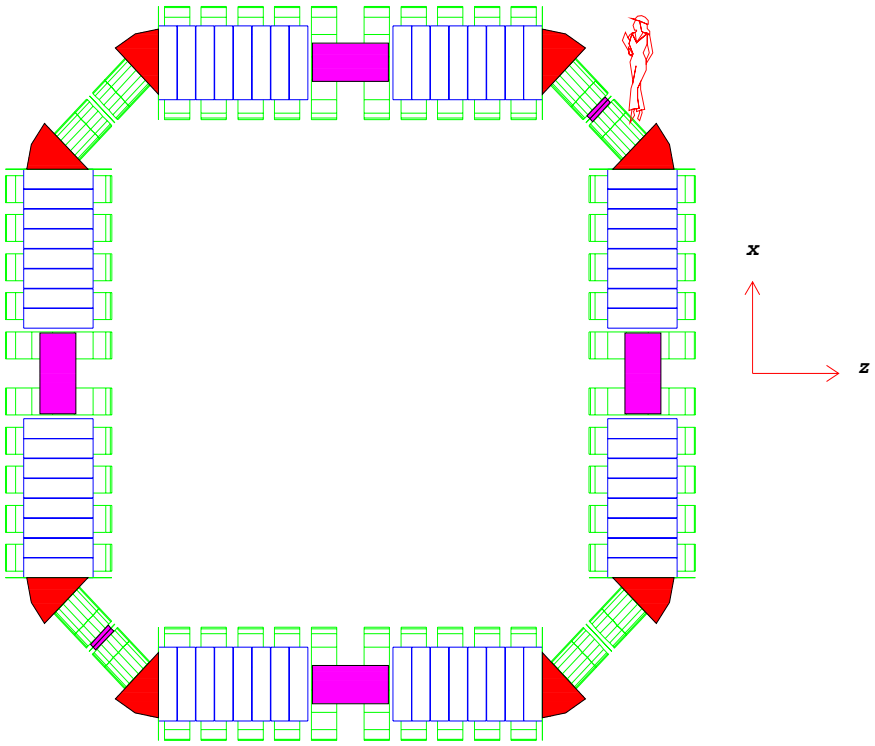
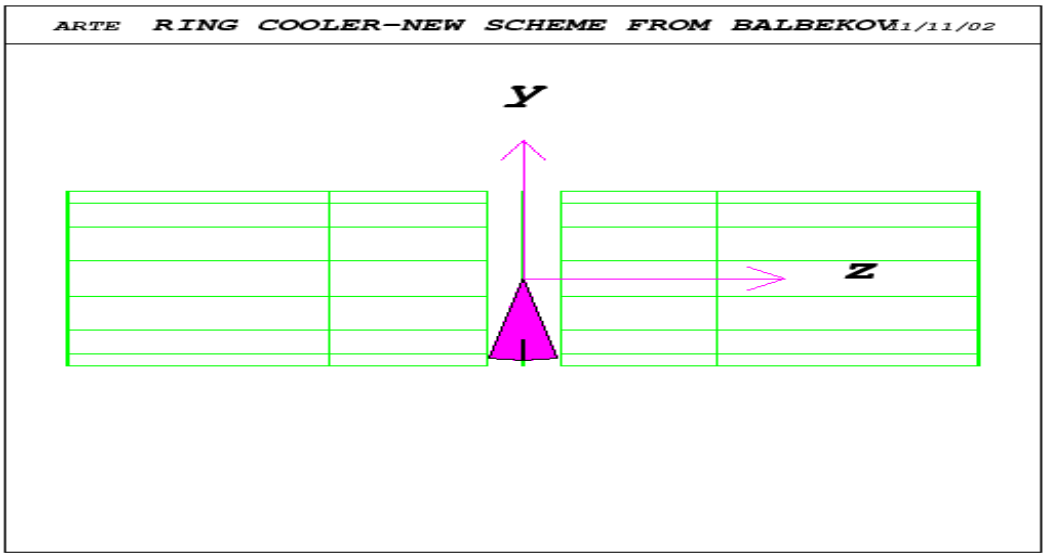


Fig.1 Tetra Cooler from V. Balbekov



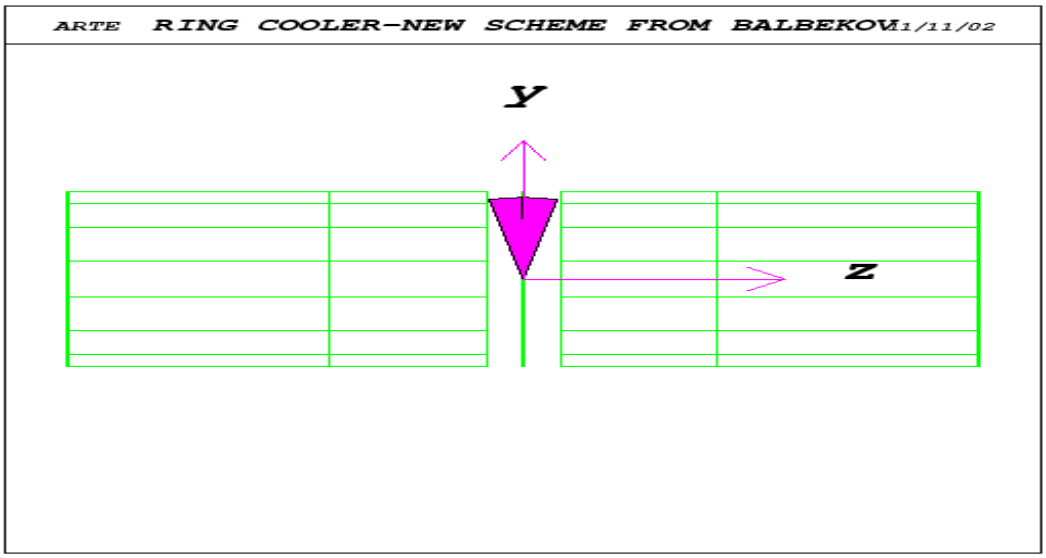


Fig.2 The disposition of wedge absorbers in set-up short solenoid part

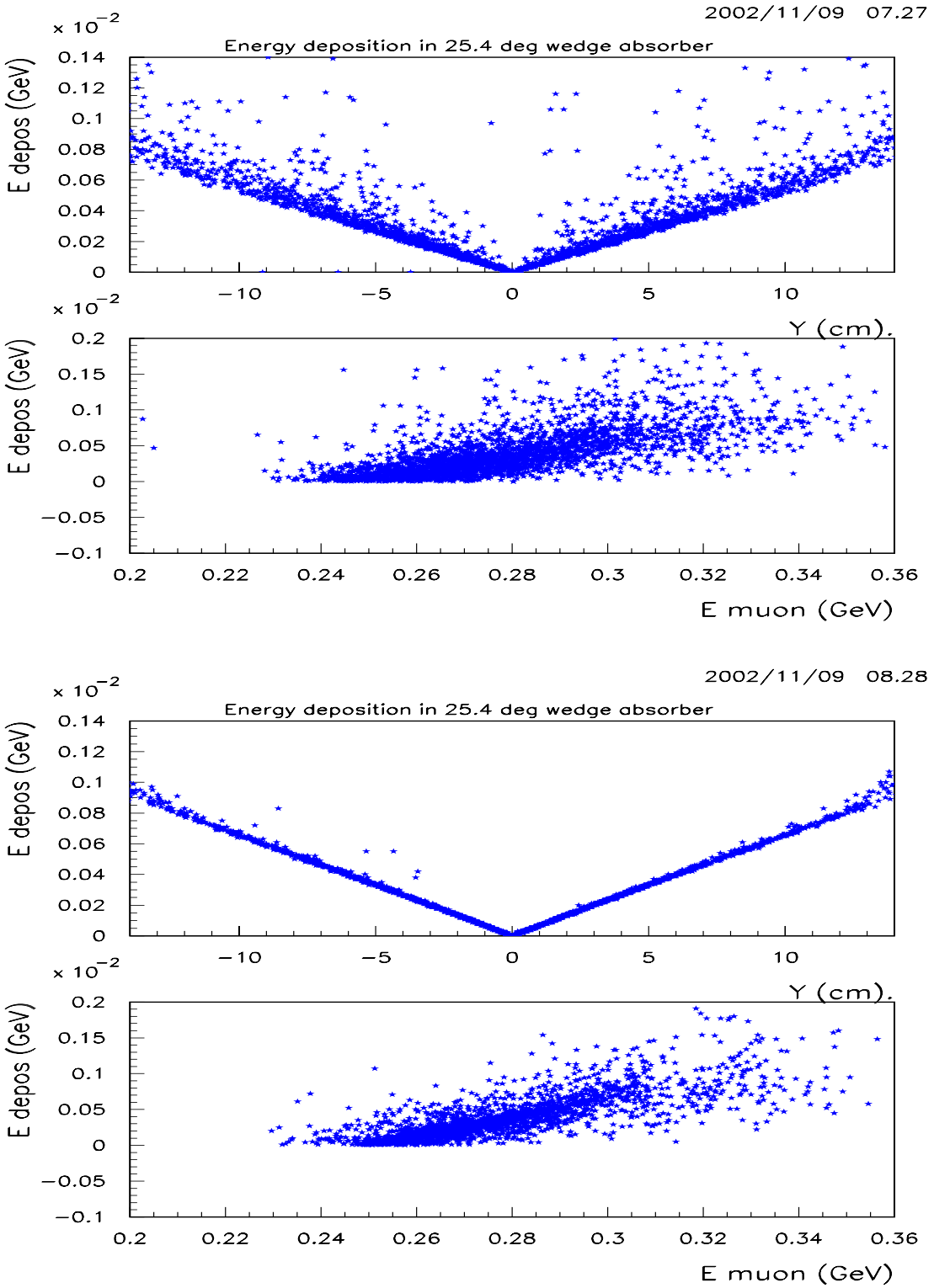


Fig.3 Energy deposit. vs Y and E in wedge absorber with and without mult scattering

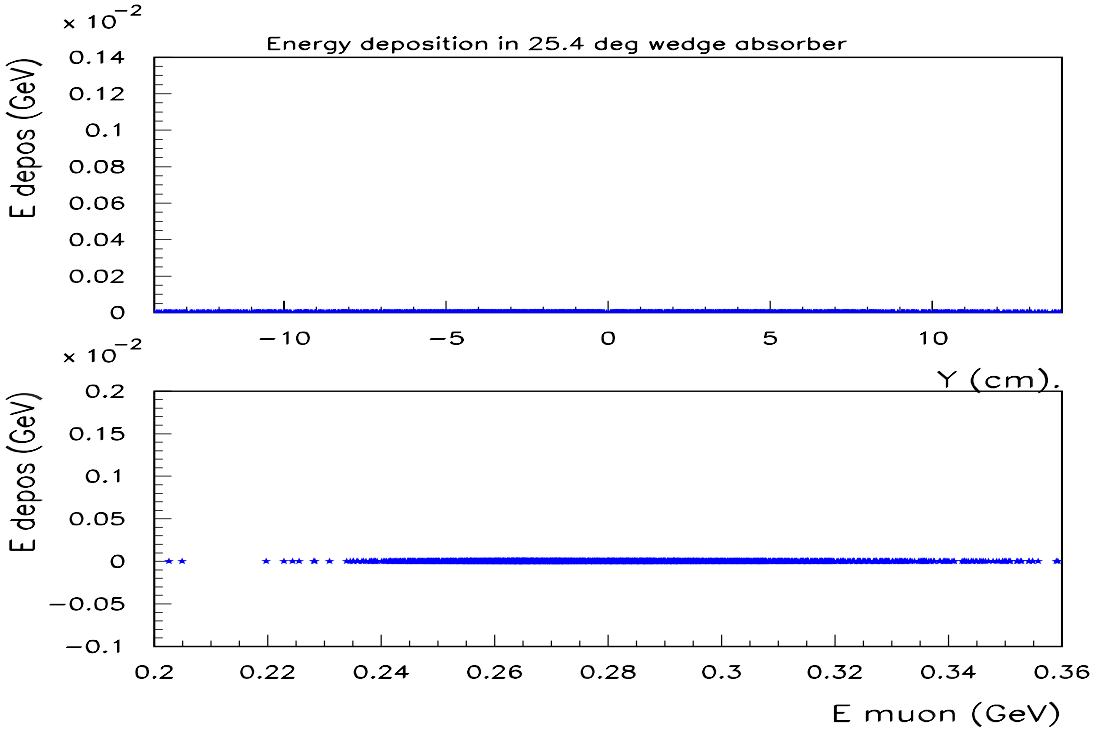


Fig.4 As in Fig.3, but vacuum in wedge absorber

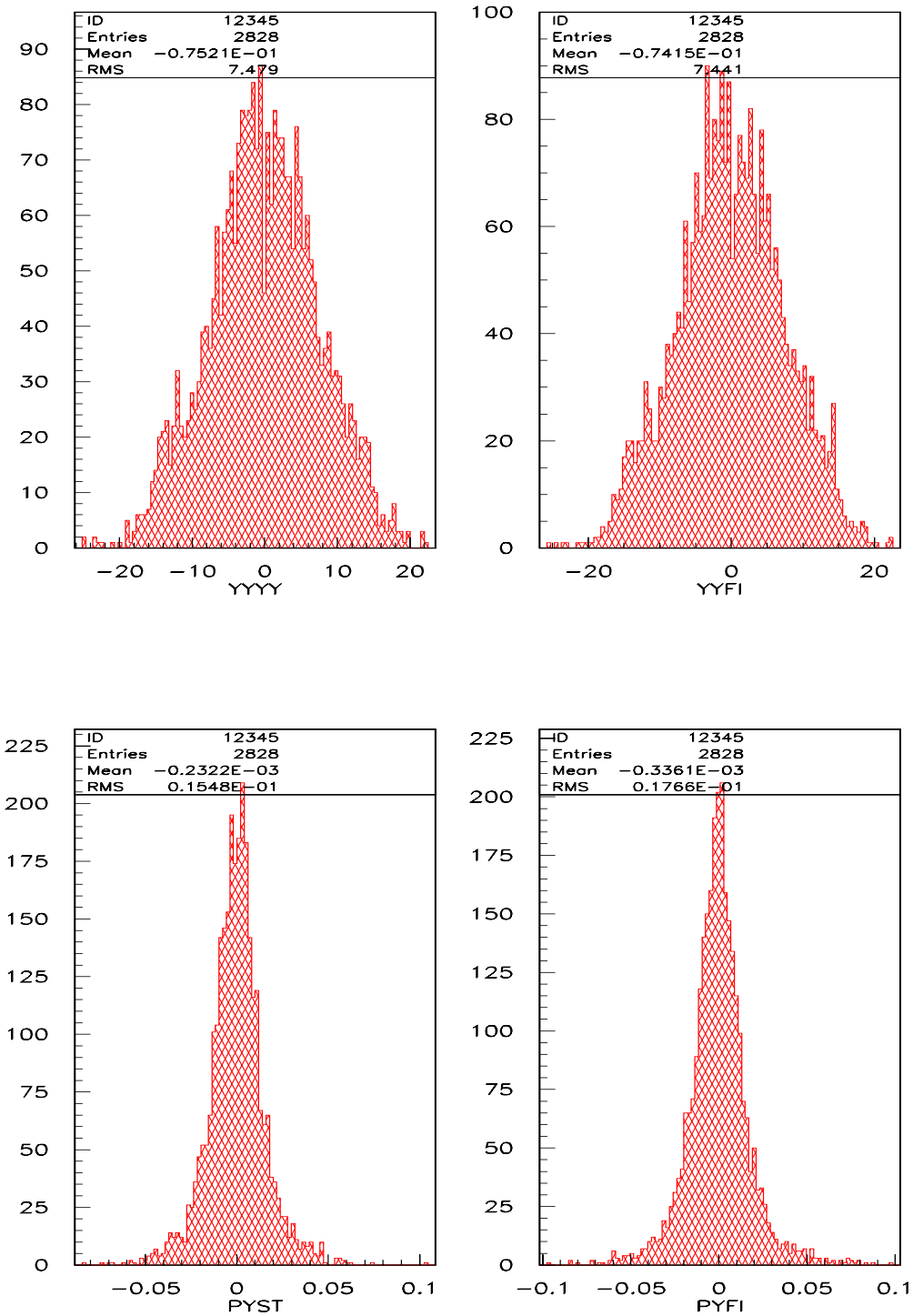


Fig.5 Y and P_y distr before and after wedge absorber with mult scattering

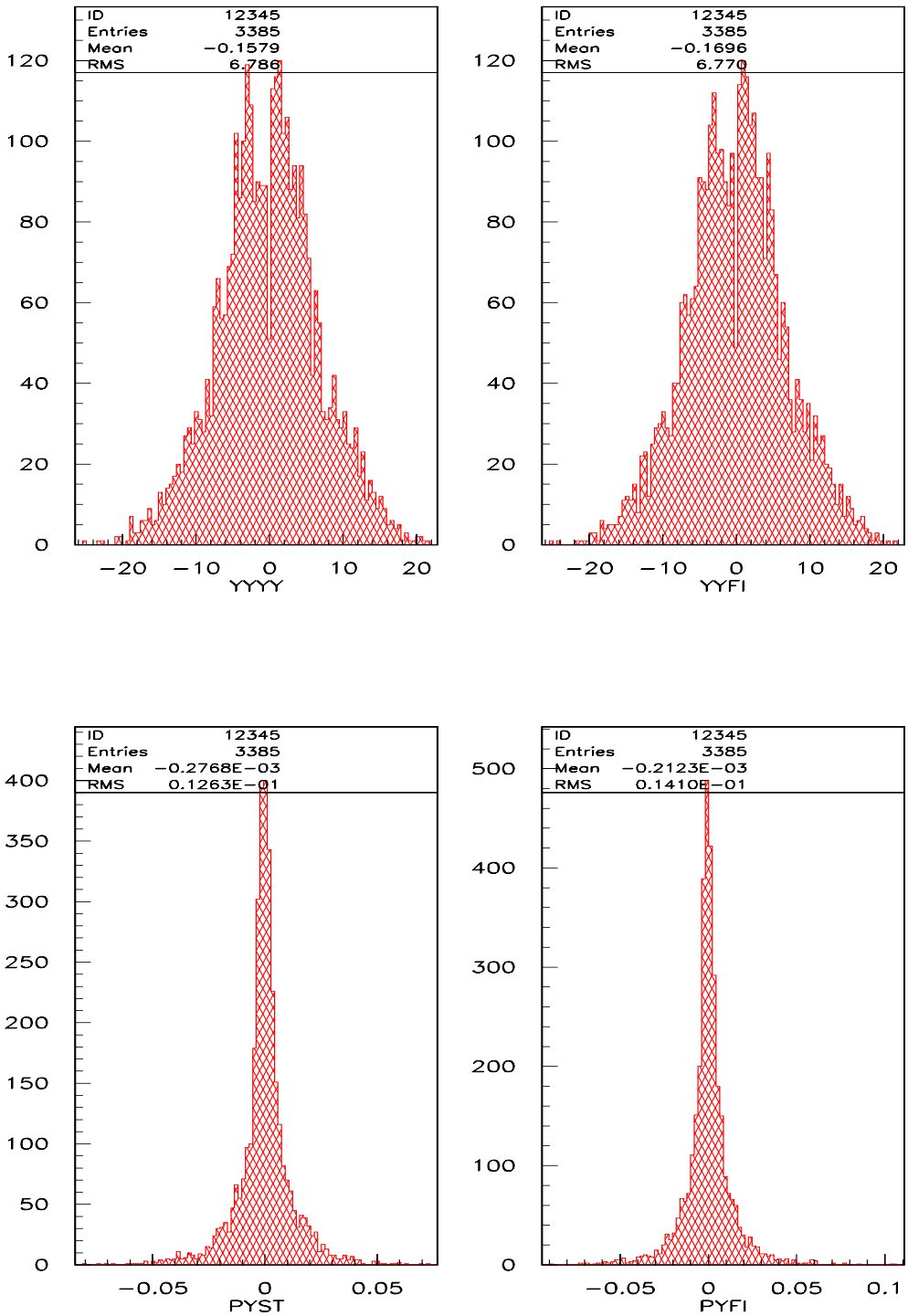


Fig.6 Y and P_y distr before and after wedge absorber without mult scattering

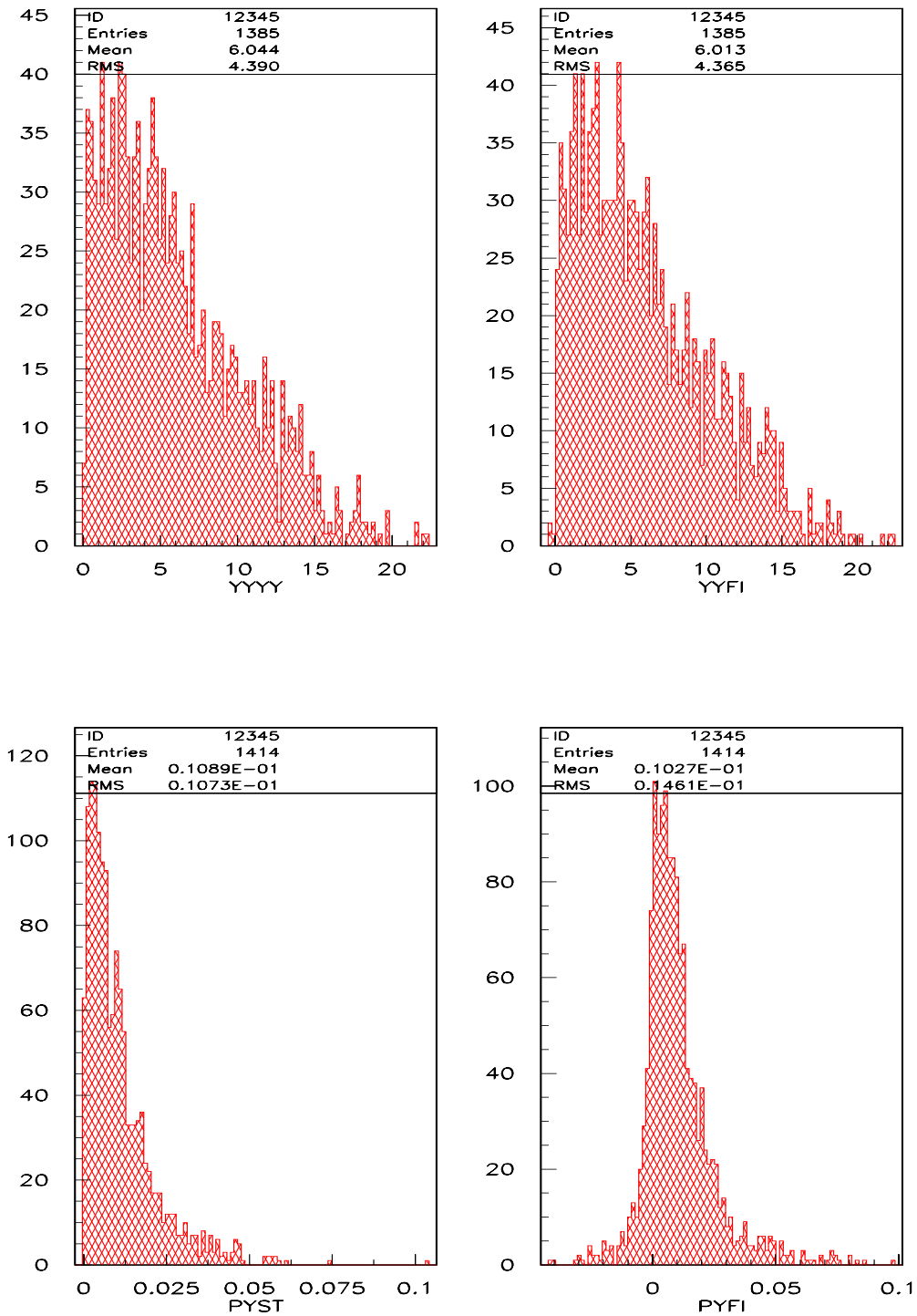


Fig.7 Y and P_y distr before $(Y > 0, P_y > 0)$ and after wedge absorber with mult scattering

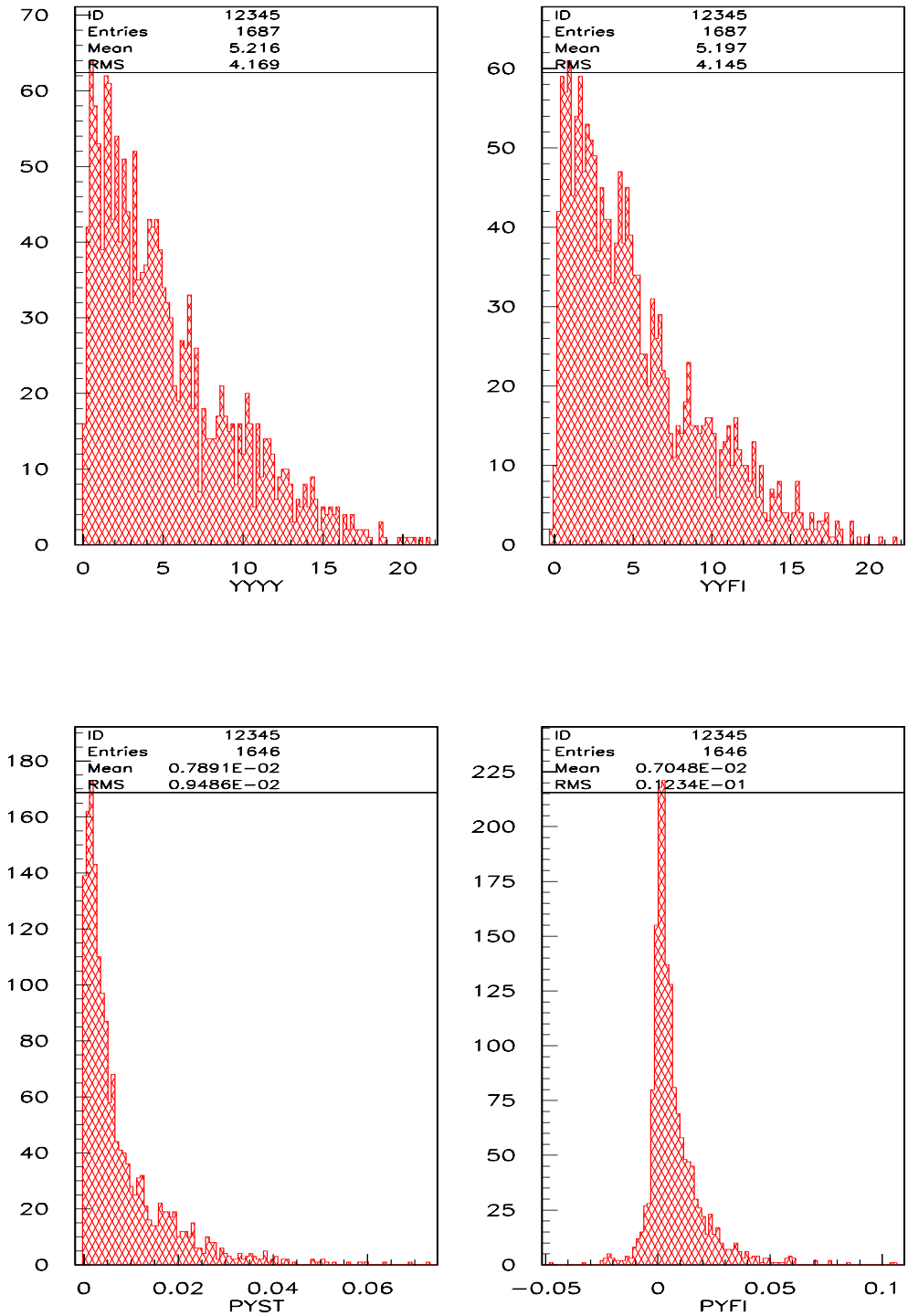


Fig.8 Y and P_y distr before $(Y > 0, P_y > 0)$ and after wedge absorber without mult scattering

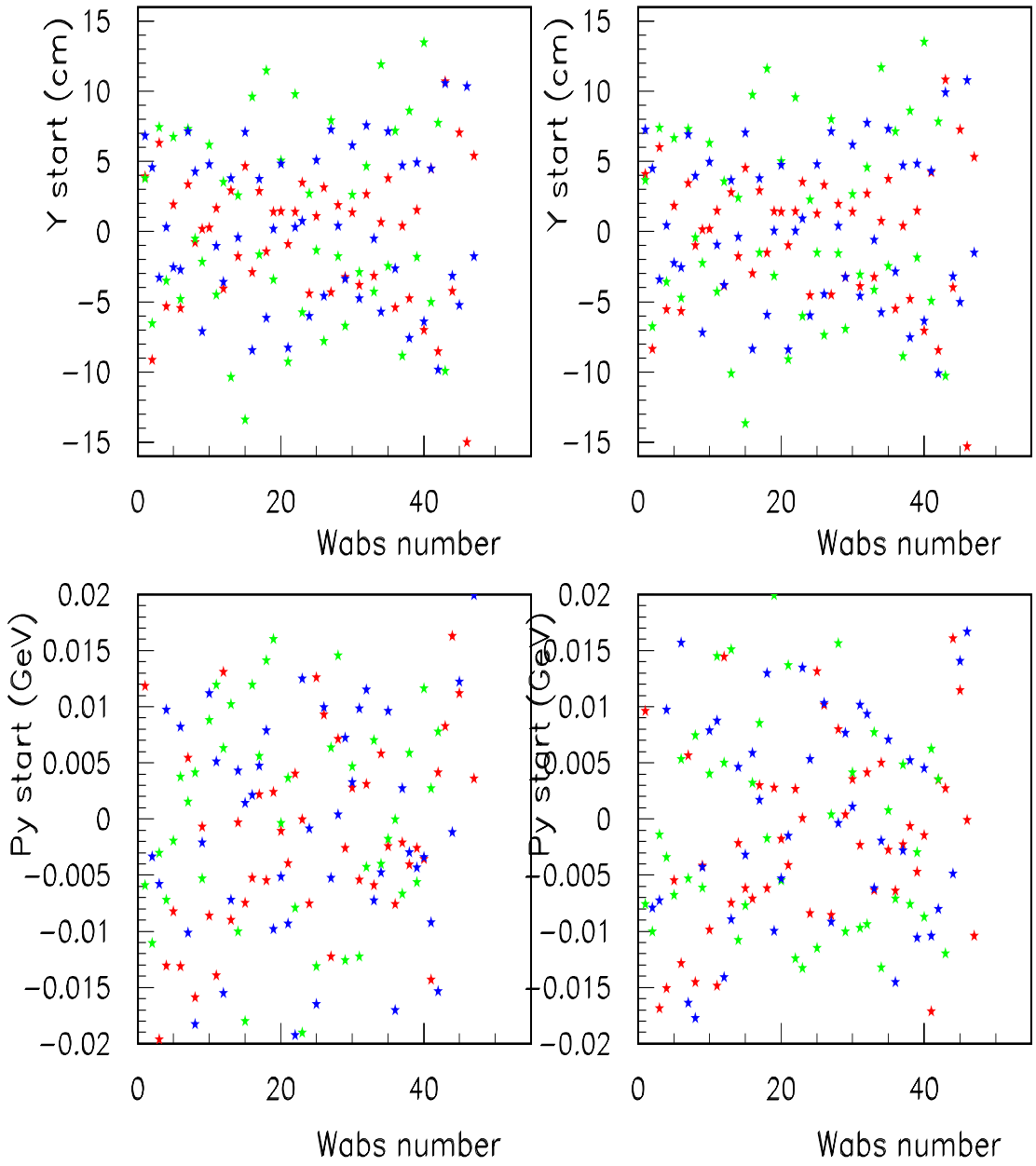


Fig.9 Y and P_y before and after wedge absorber
for 3 muon tracks

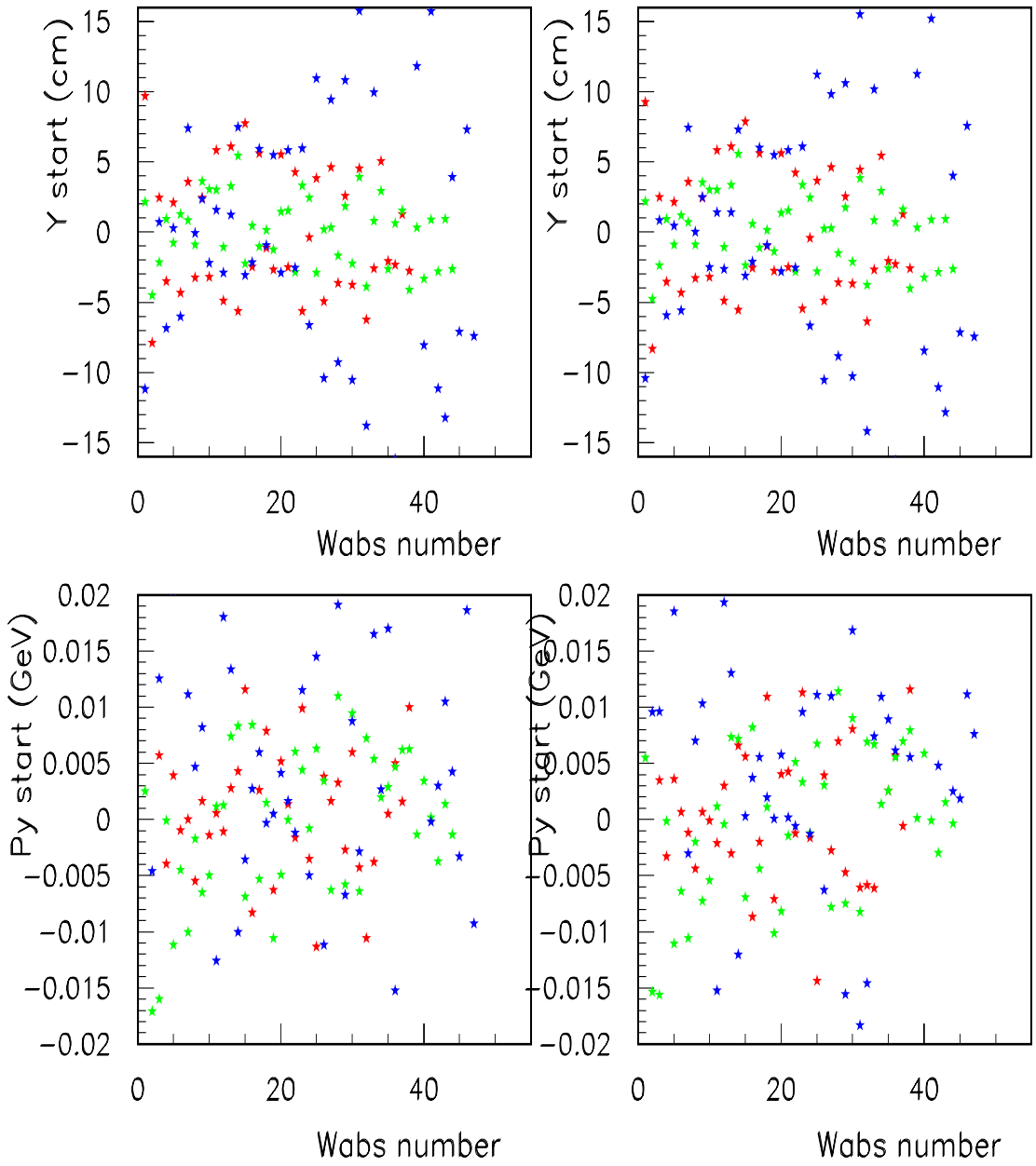


Fig.10 As in Fig.9, but vacuum wedge absorber

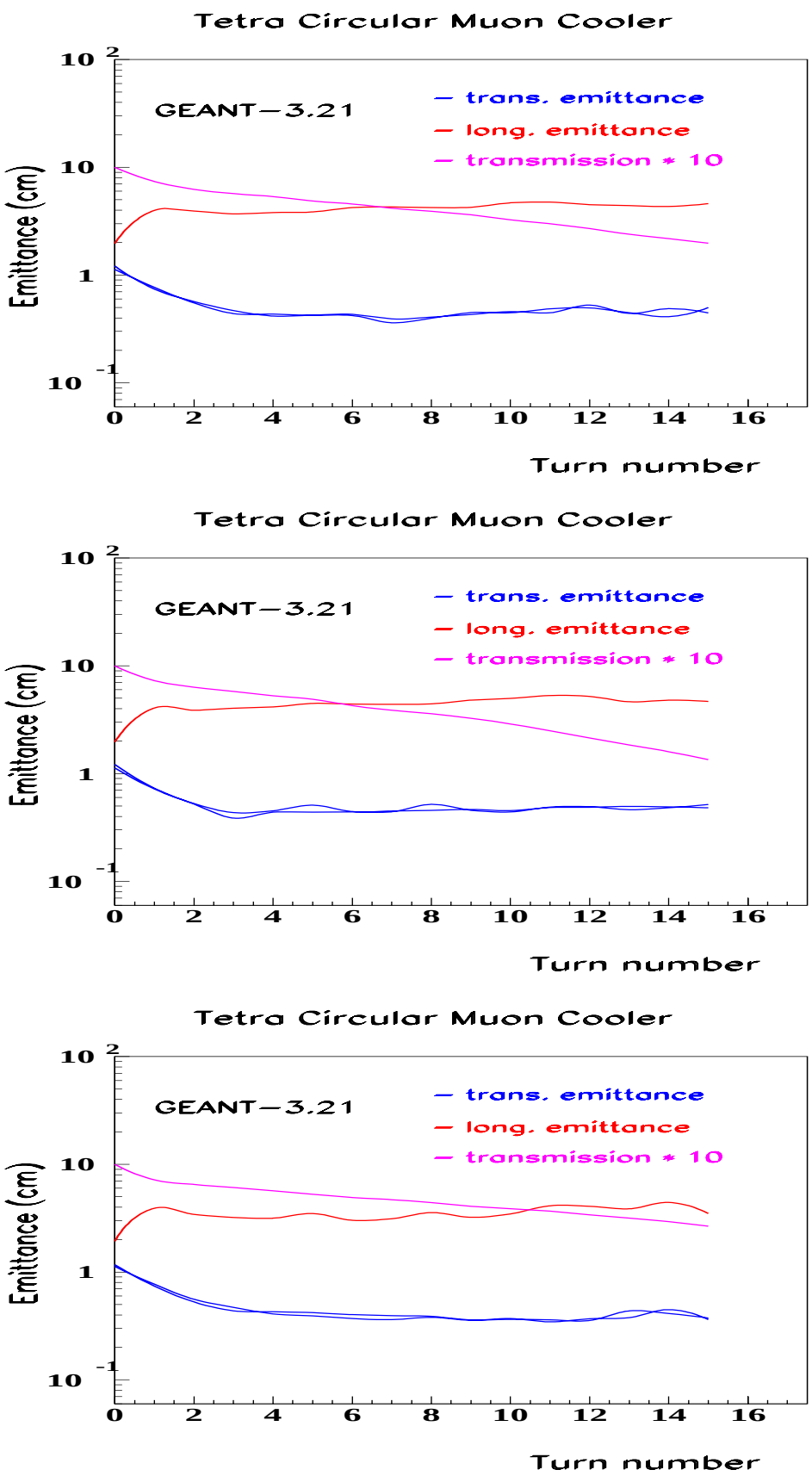


Fig.11 Emittance, transmisions: no abs - upper, wrong pos absorb middle, right pos absorb-down