μ⁺ momentum per target: general trends – MEAN VALUE UPDATE

μ+ momentum mean value
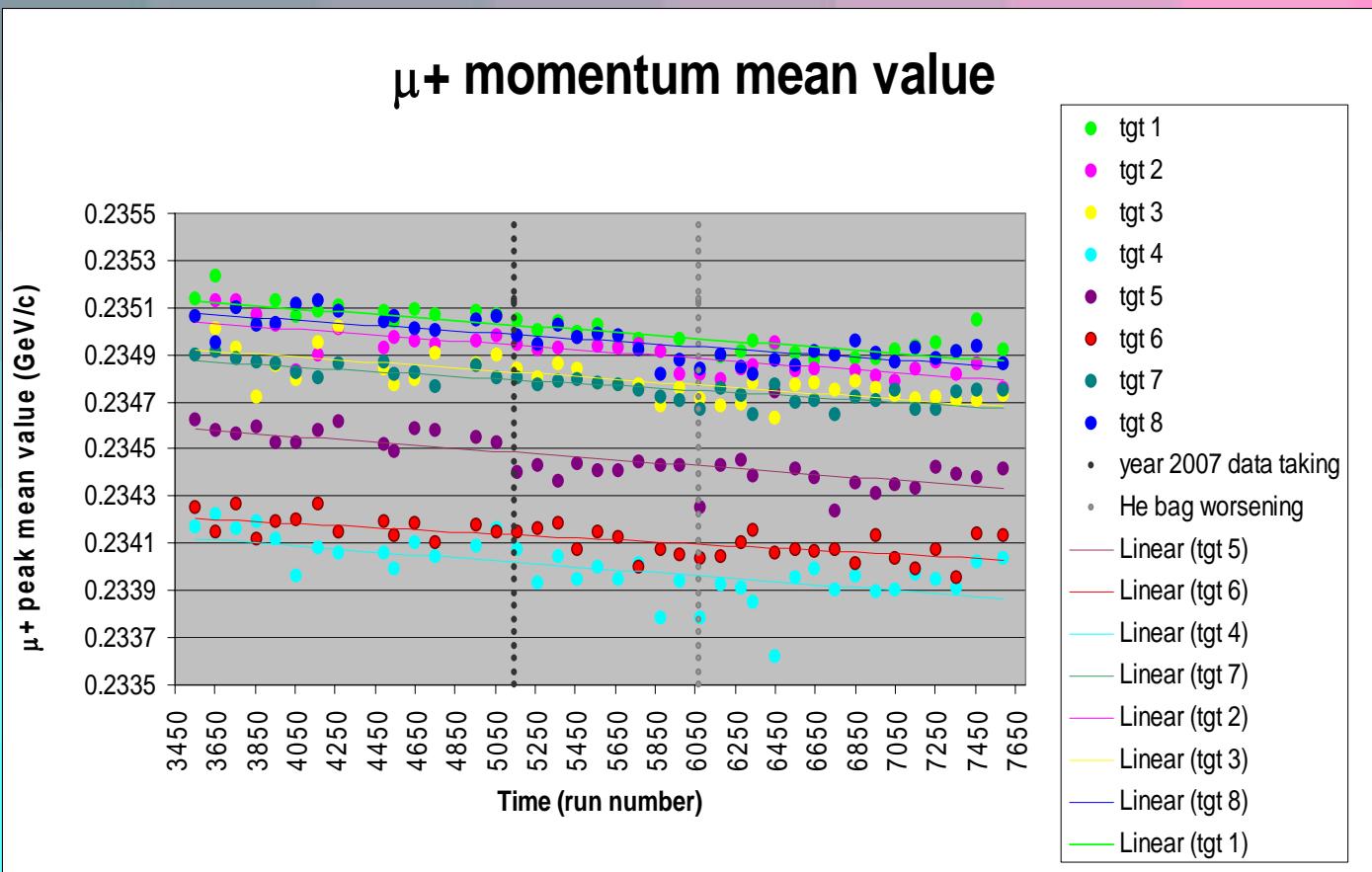
Decreasing trend with time

Stronger disalignment effect:
Tgt 4
Tgt 5
Tgt 6

μ⁺ momentum per target: general trends – SIGMA UPDATE
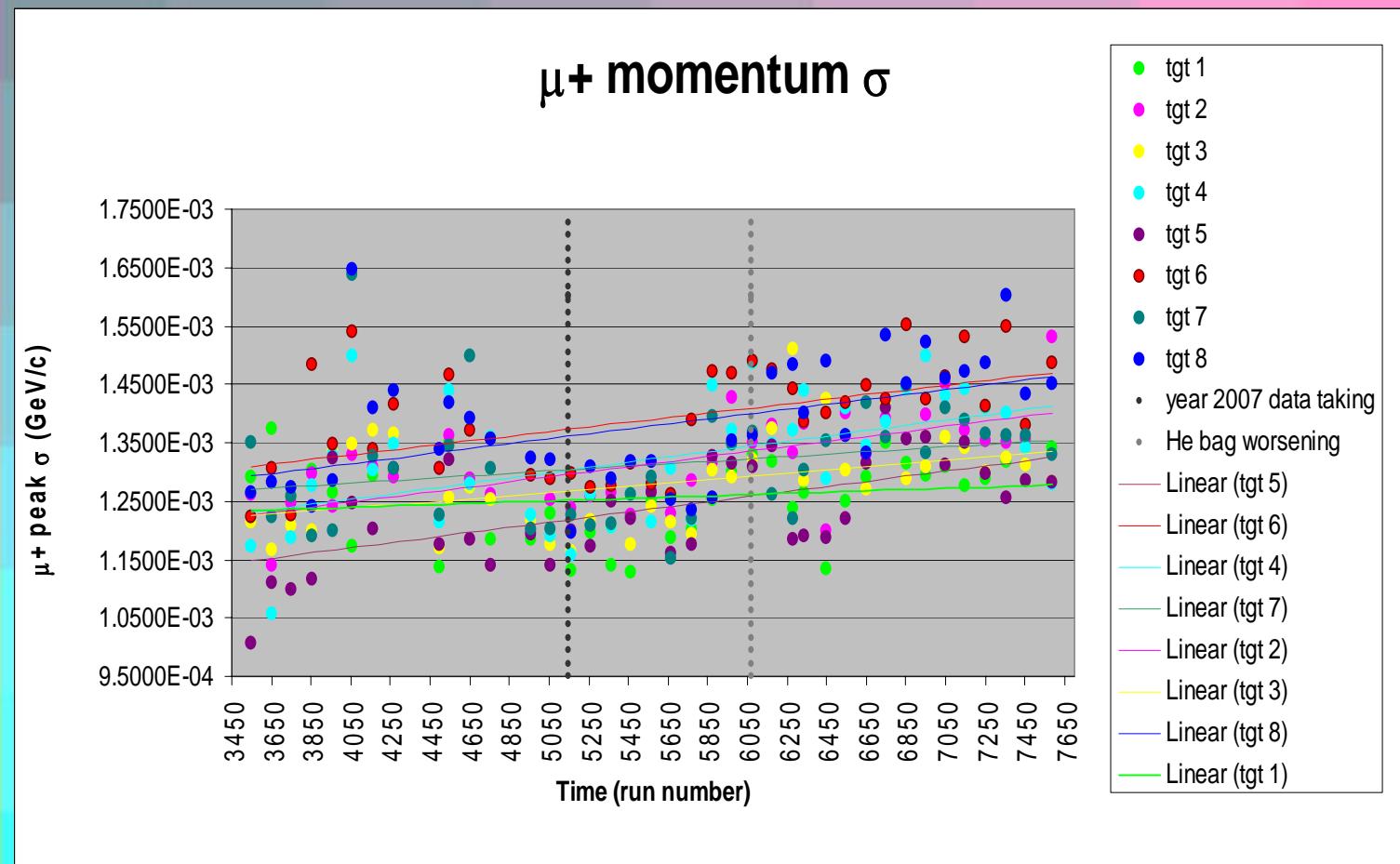
No particular trend with time

Resolutions spanning within a 30% max range

μ⁺ momentum per target: MC simulation mean values and resolutions

forward μ+ mean values

forward μ+ resolutions
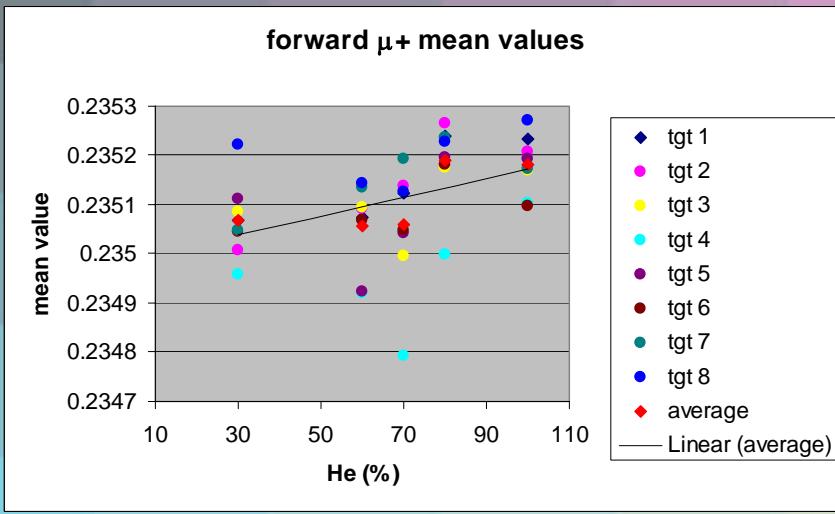
Mean value: decrease trend with the decrease of He inside the chamber
Decrease of 0.07% from 100% to 20% of He content in He bag
Minimum systematic offset of 300 KeV with respect to nominal value
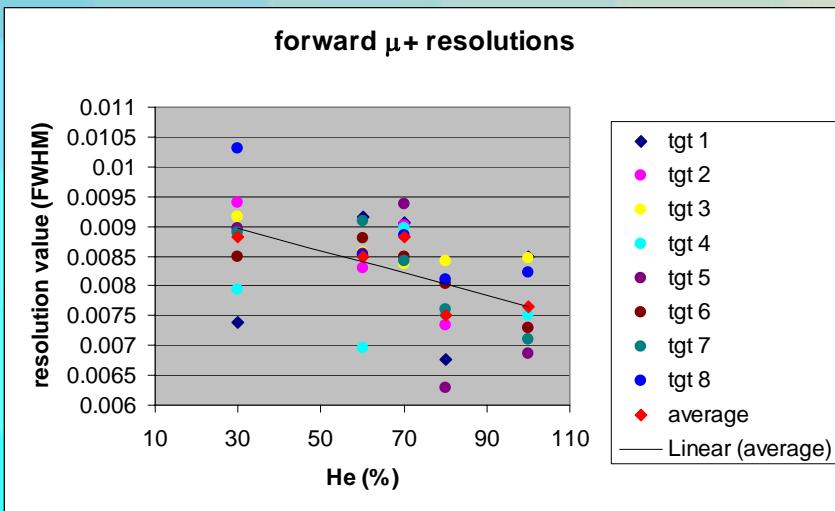
Resolution: decreasing trend with increasing amount of He inside the chamber
Worsening of 25% going from 100% to 20% of He

ONLY FORWARD tracks