# GEANT 3.21 Simulations of Balbekov's Ring.

## On-axis, on-momentum particle tracking (continue).

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Ring Coolers/Emittance Exchange group meeting
Tuesday Feb 18

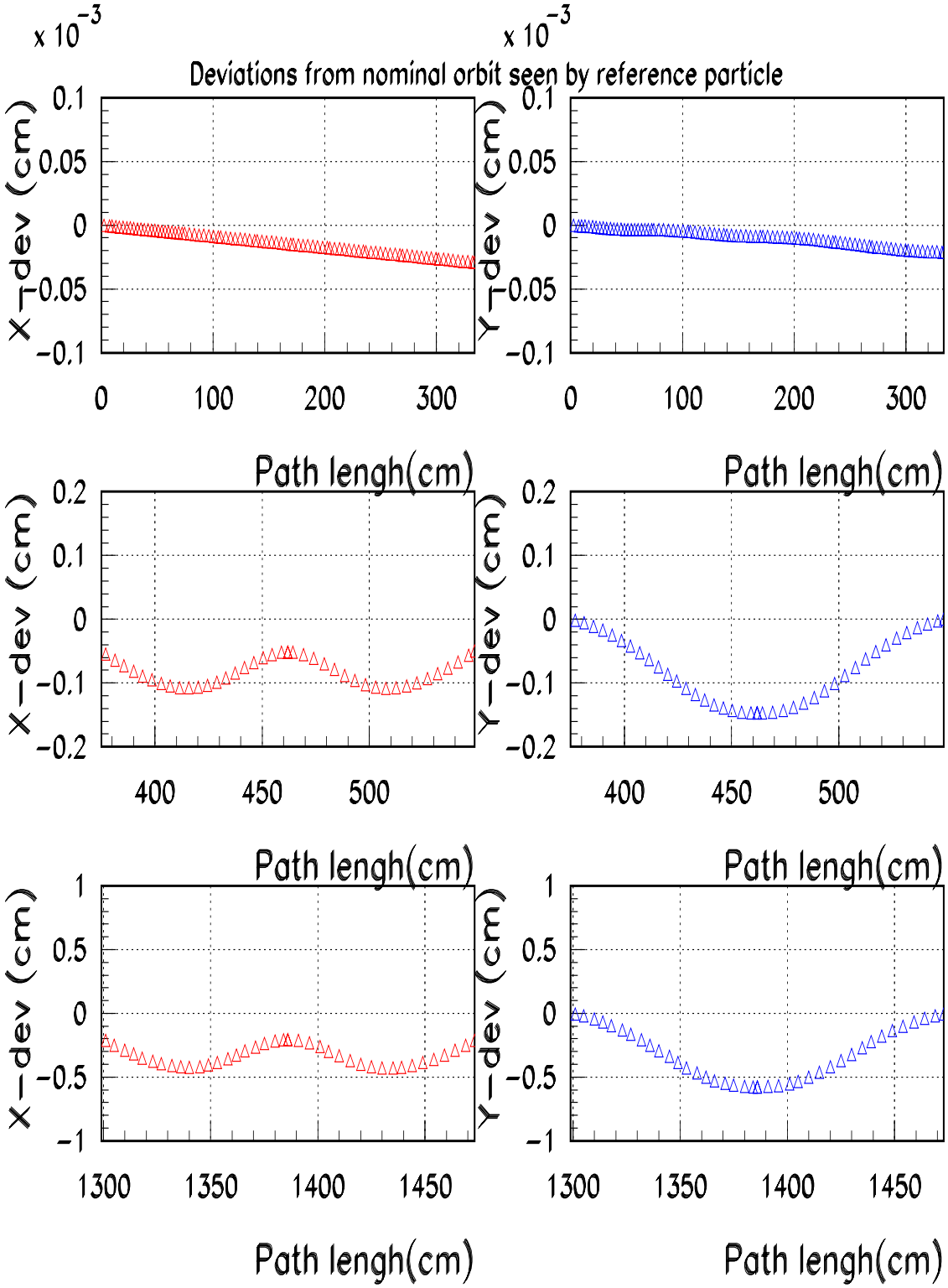


Fig.1 Deviation from nominal orbit in long solenoid and in two next short solenoid parts.

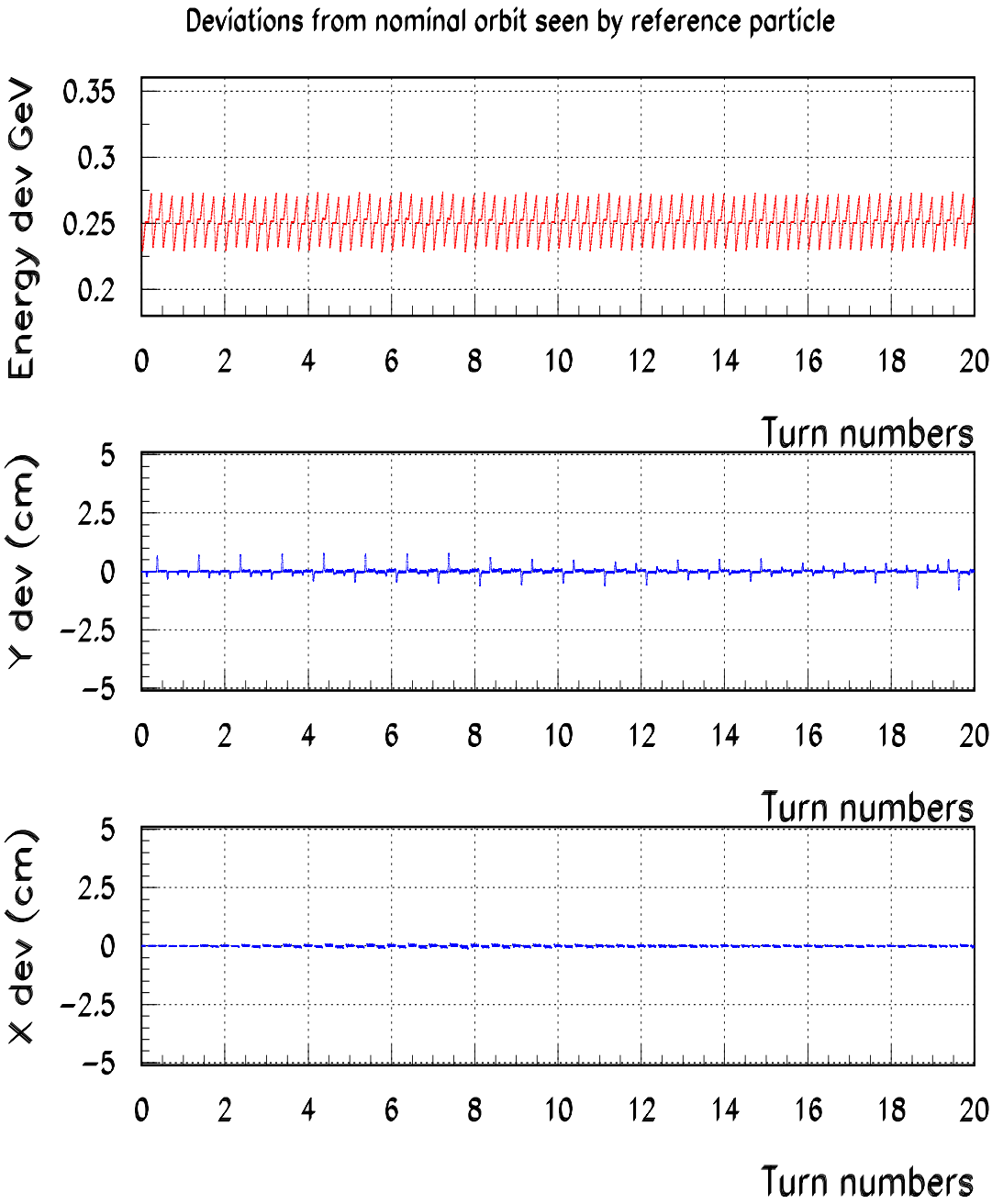


Fig.2 Deviation from nominal orbit for on-momentum, on-axis particle, no stochastics.

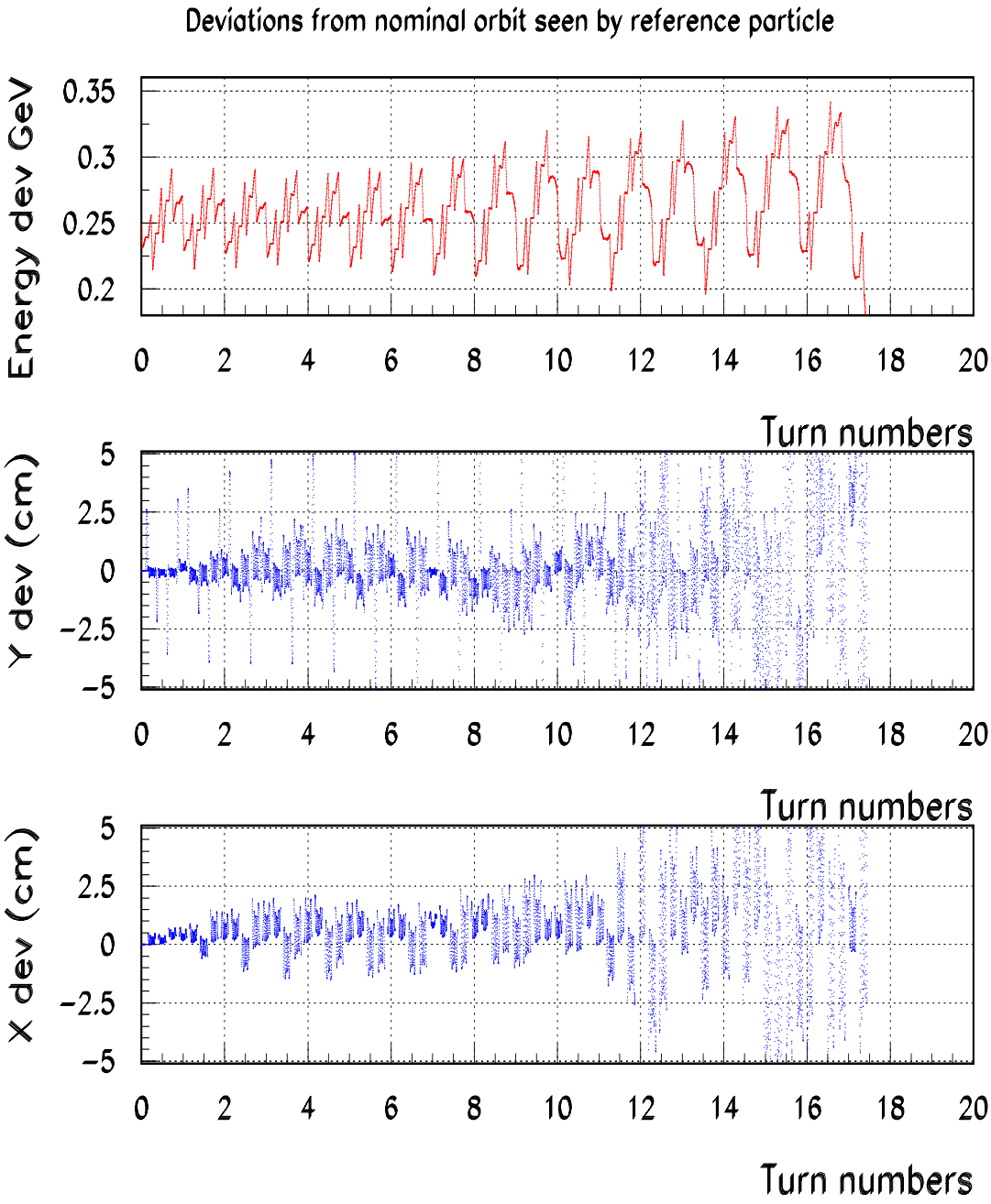


Fig.3 As in Fig.2, but injection poin += $1\sigma$ in long. direction.

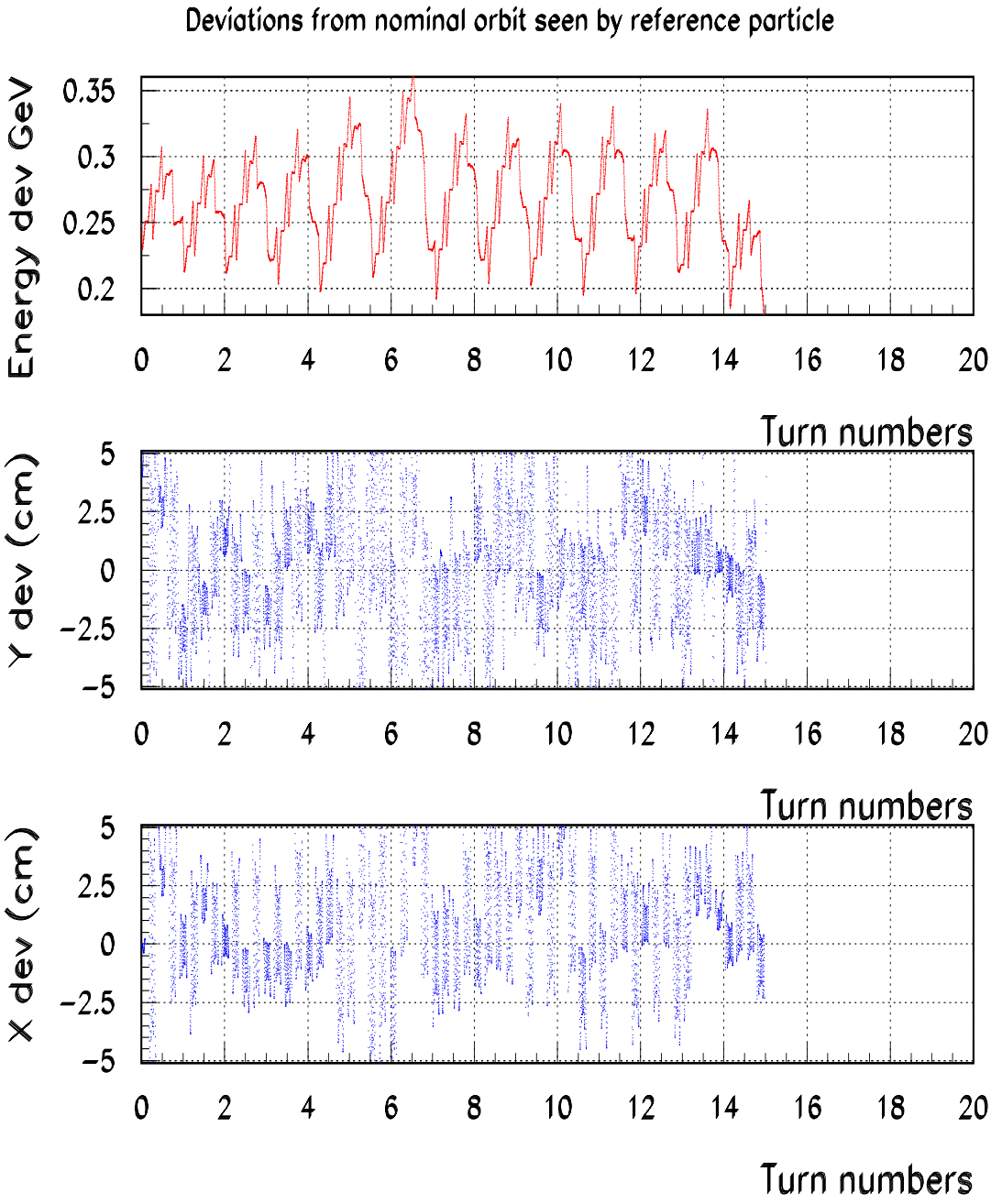


Fig.4 As in Fig.2, but injection poin += $1\sigma$ in trans. direction.

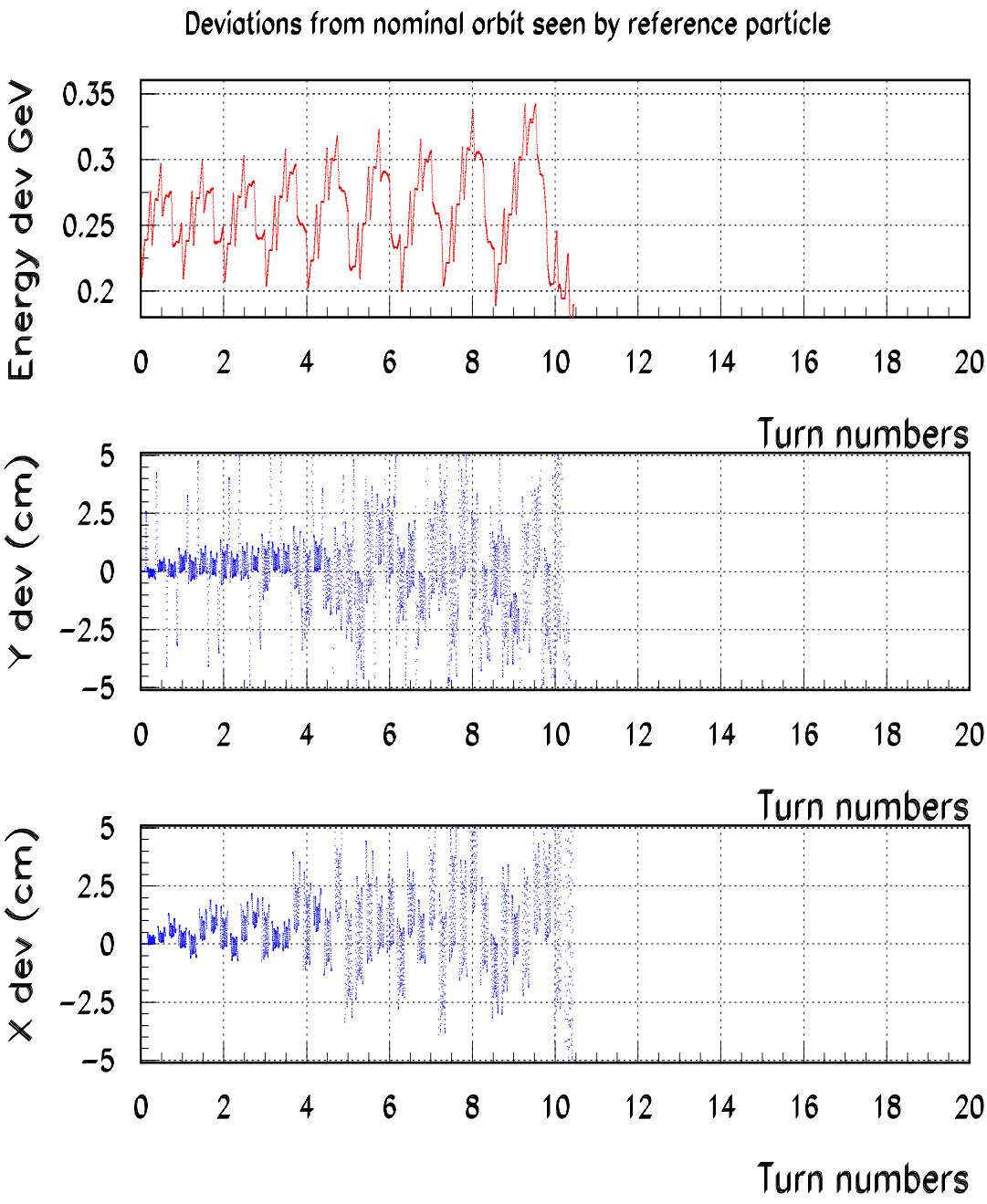


Fig.5 As in Fig.2, but energy += $1\sigma$.

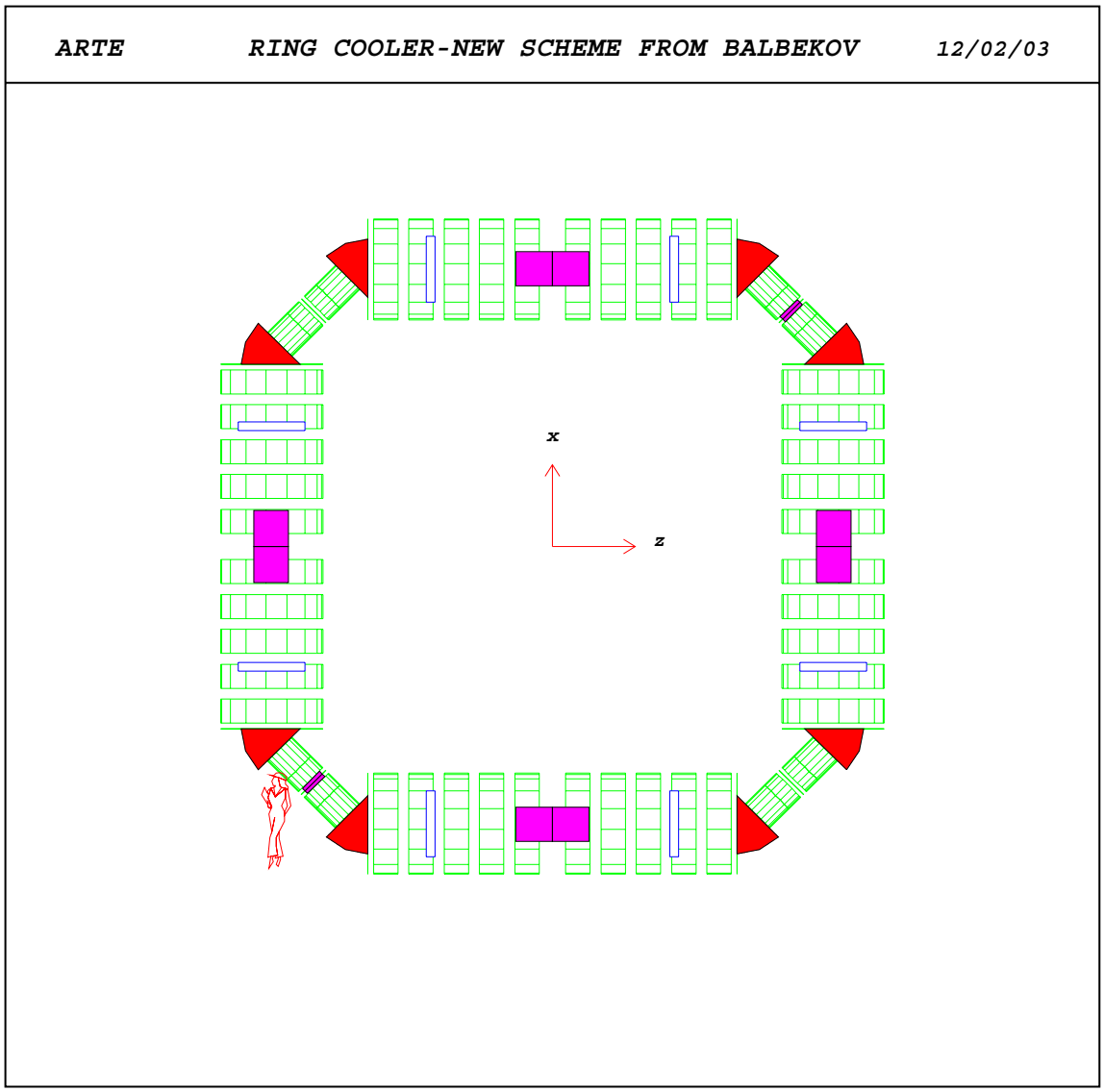


Fig.6 Ring setup, 2 RF's in side.

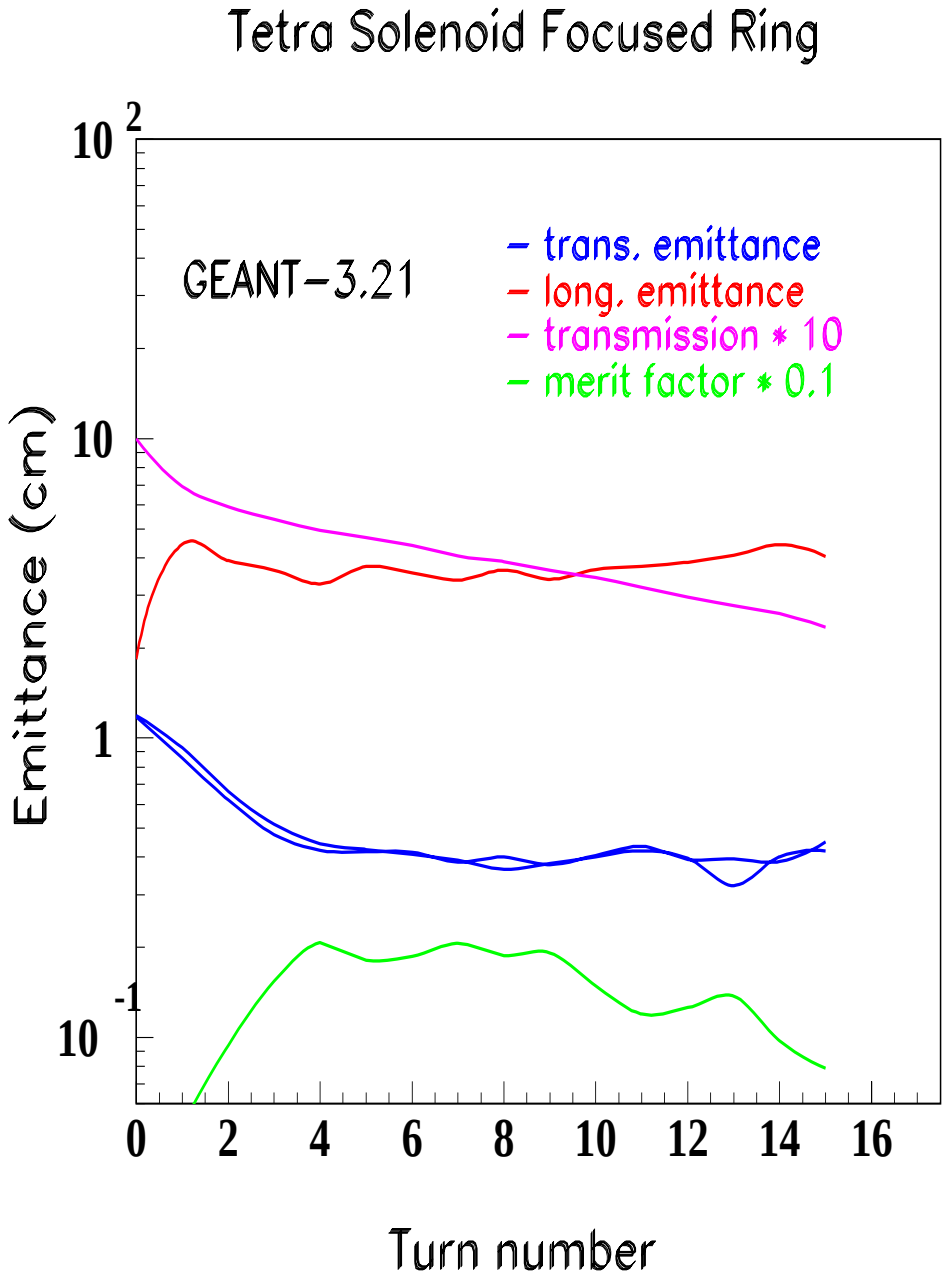


Fig.7 Emittances and transmission

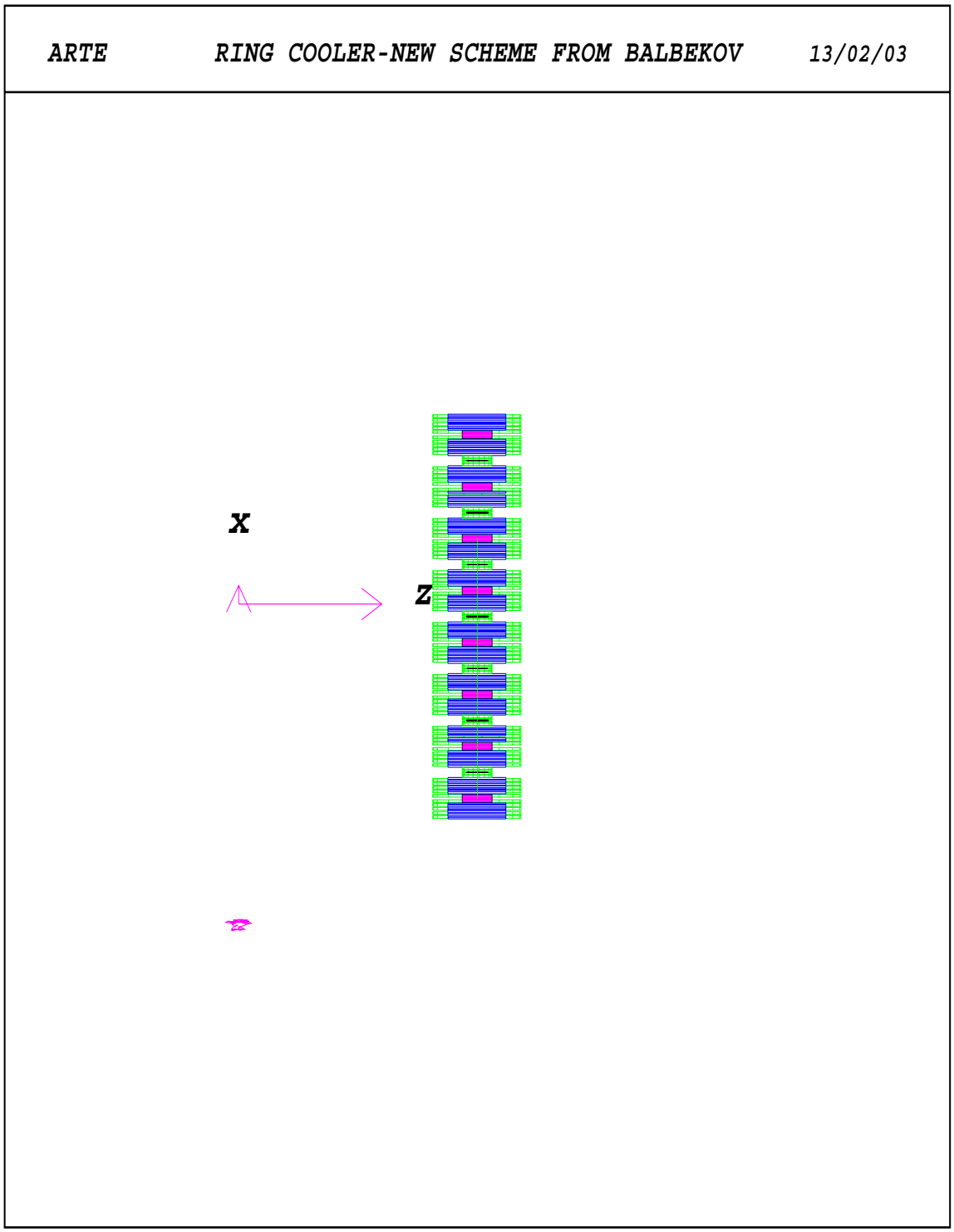


Fig.8 Long solenoids installed in line.

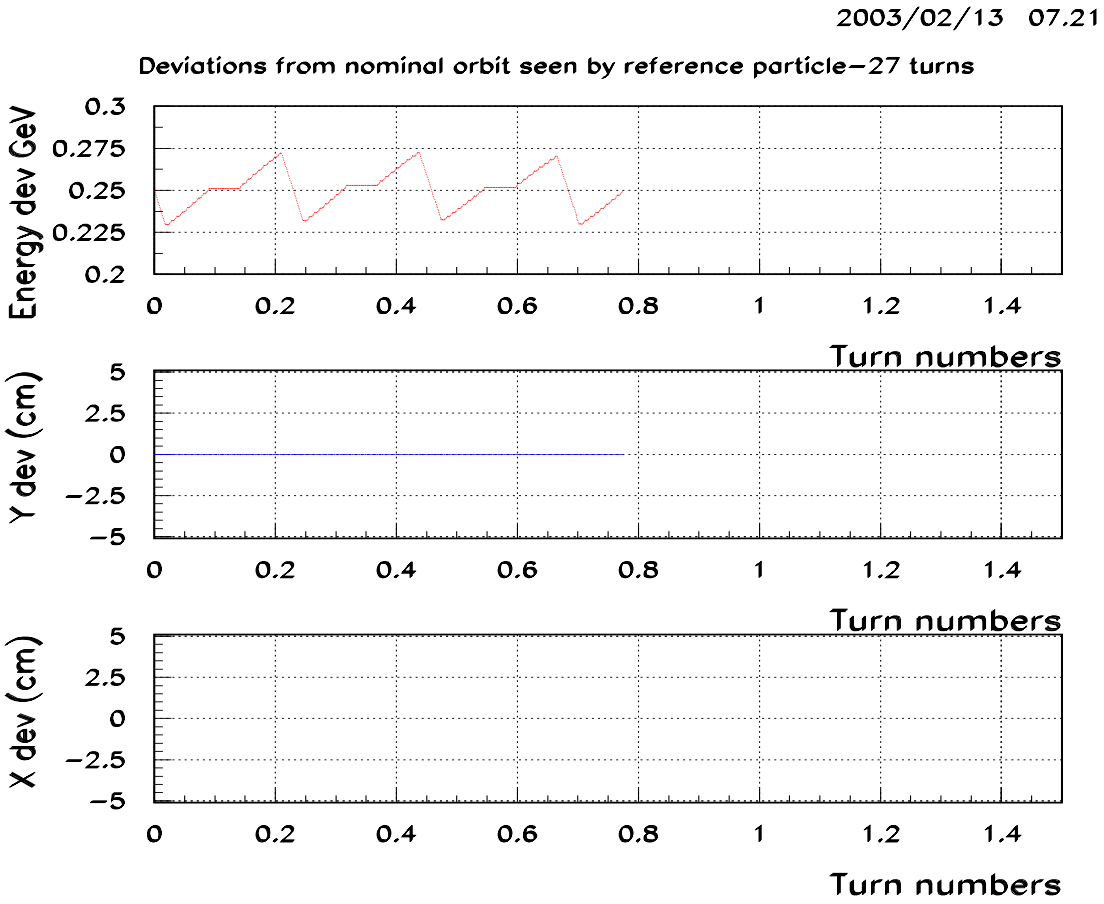


Fig.9 Deviation from nominal orbit.