



LHC11d6x - Geant 3 and Geant 4

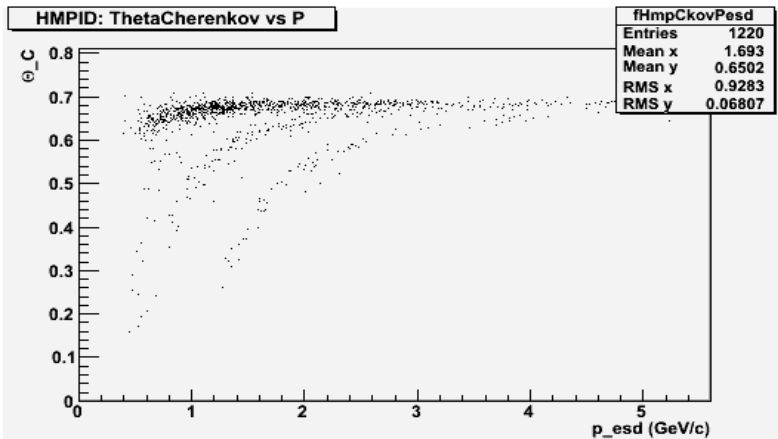
Levente Molnar, Daide Perrino, Giacomo Volpe

QA Meeting, 30/09/2011

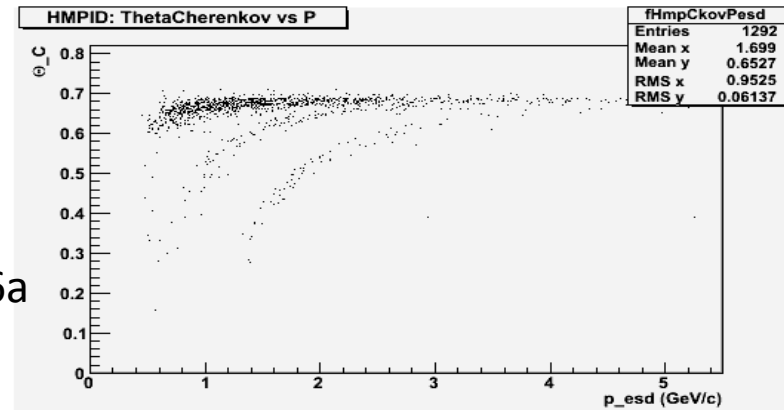
G3 and G4 datasets

- LHC11d6a (Geant4, QGSP_BERT_EMV+optical)
- LHC11d6b (Geant4, QGSP_BERT_CHIPS+optical)
- LHC11d6c (Geant4 beta-version, QGSP_BERT_EMV+optical)
- LHC11d6d (Geant4 beta-version, QGSP_BERT_CHIPS+optical)
- LHC11d6e (Geant4 beta-version, QGSP_FTFP_BERT+optical)
- LHC10d6f (Geant3)

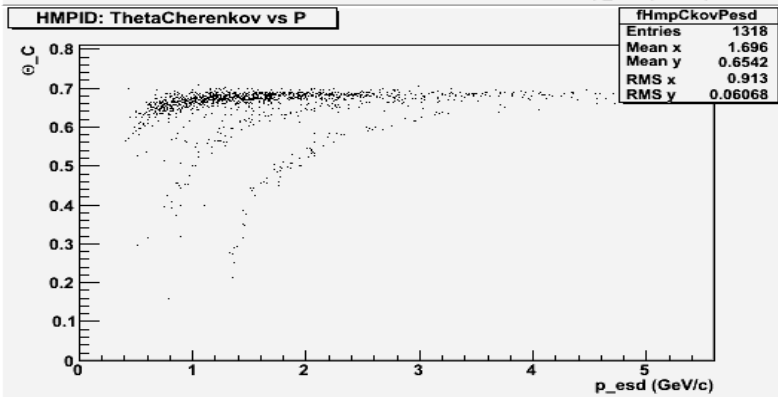
Θ_{ch} vs momentum



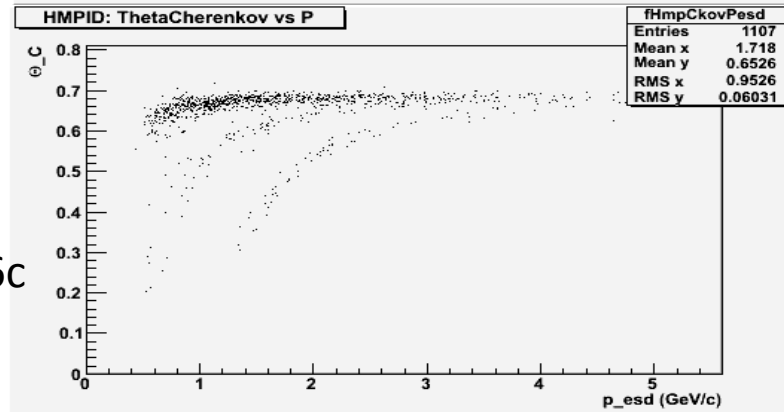
G3, LHC11d6f



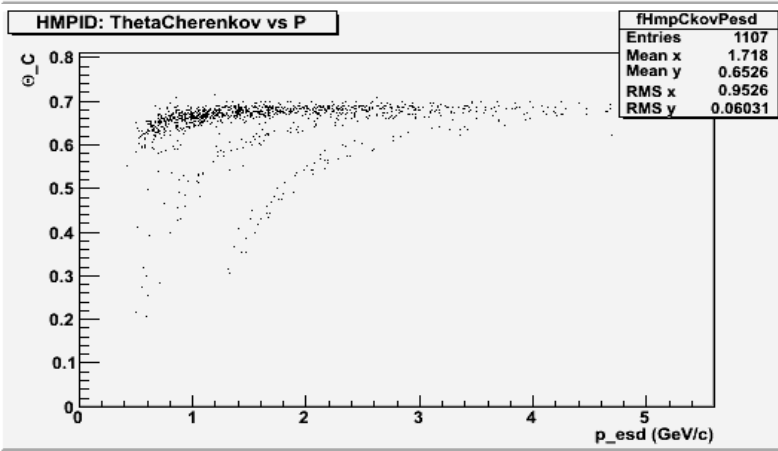
G4, LHC11d6a



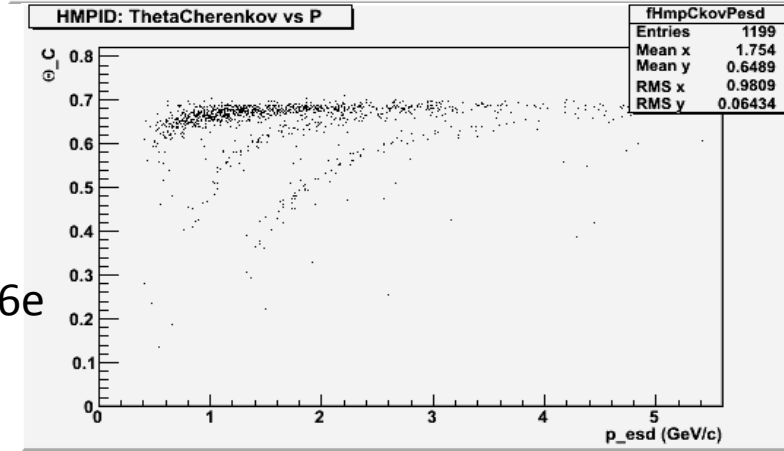
G4, LHC11d6b



G4, LHC11d6c

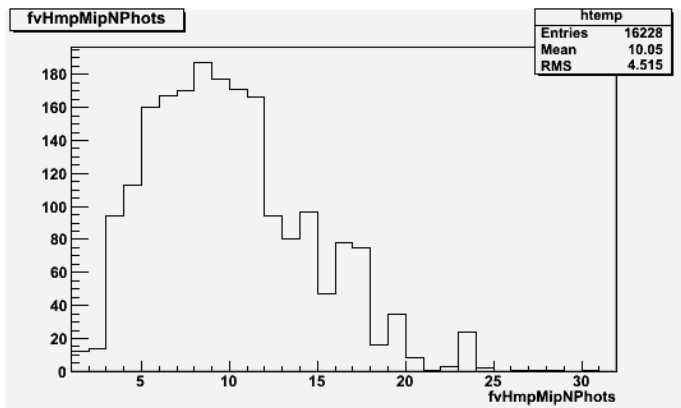


G4, LHC11d6d



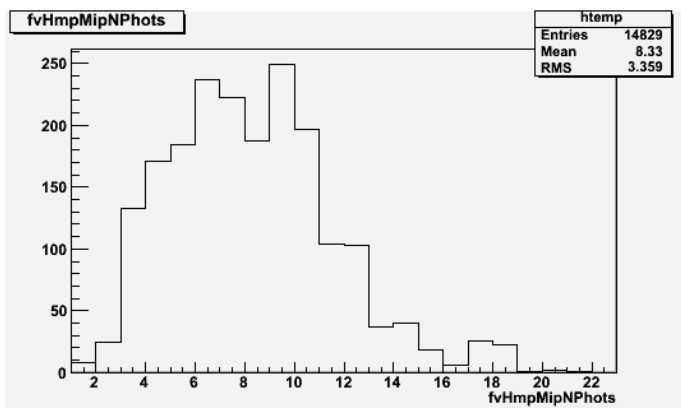
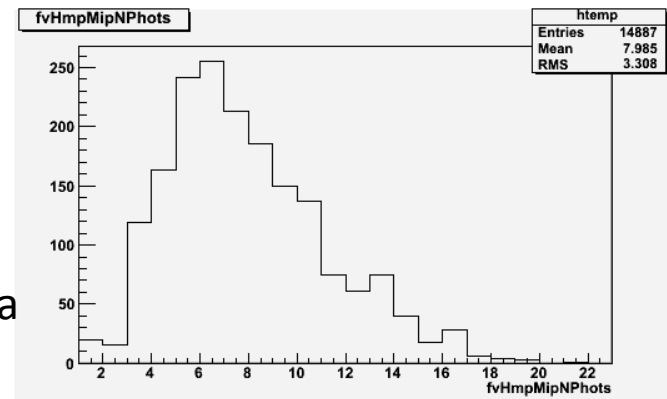
G4, LHC11d6e

Number of photons



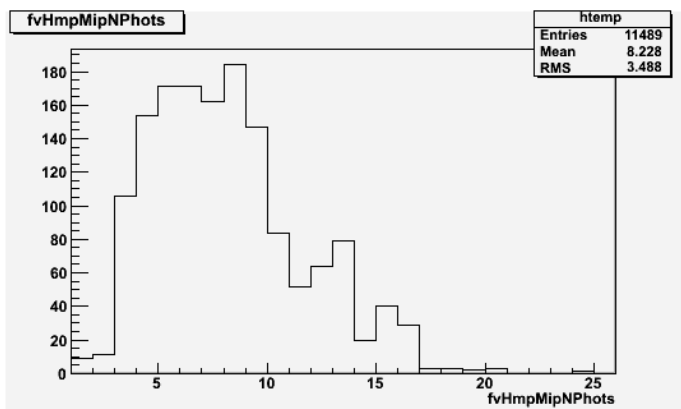
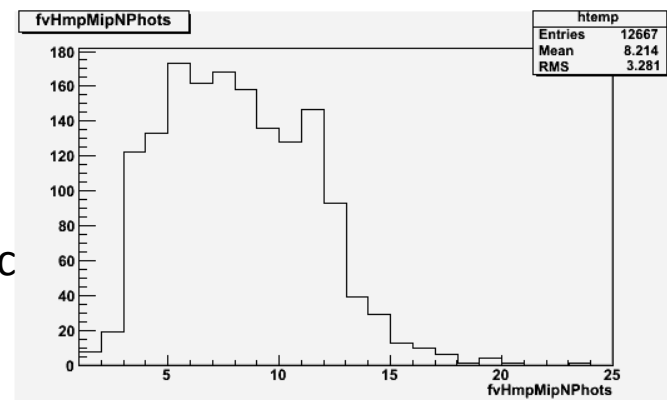
G3, LHC11d6f

G4, LHC11d6a



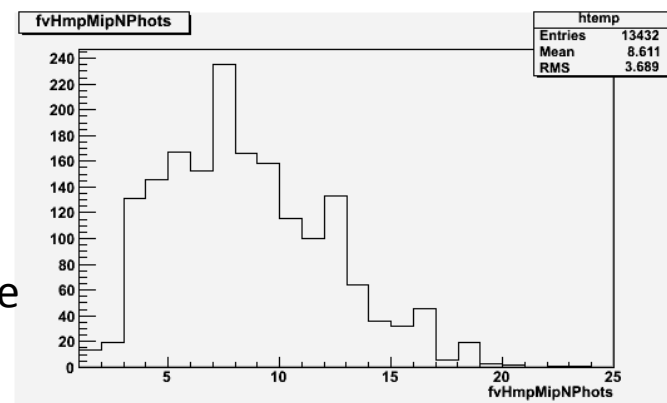
G4, LHC11d6b

G4, LHC11d6c

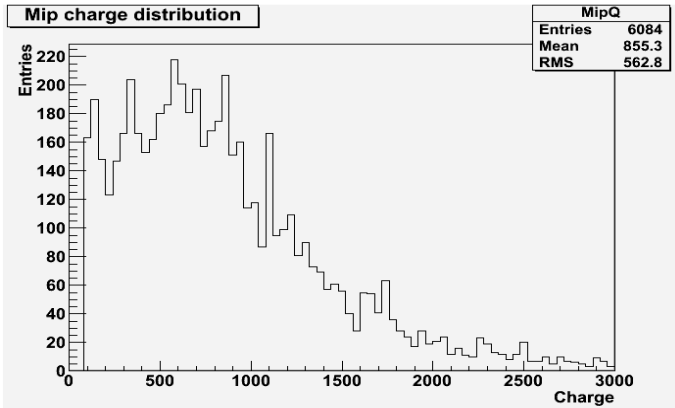


G4, LHC11d6d

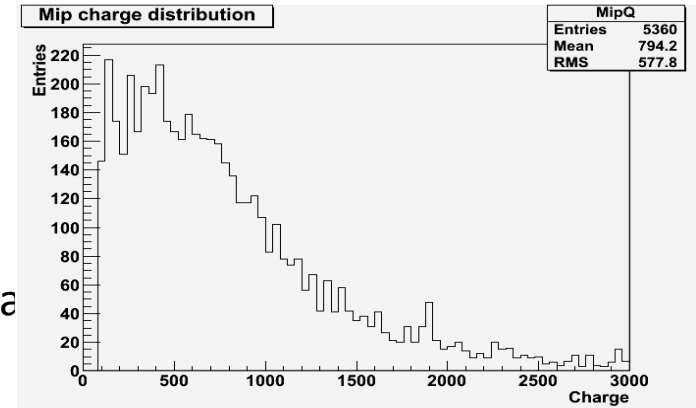
G4, LHC11d6e



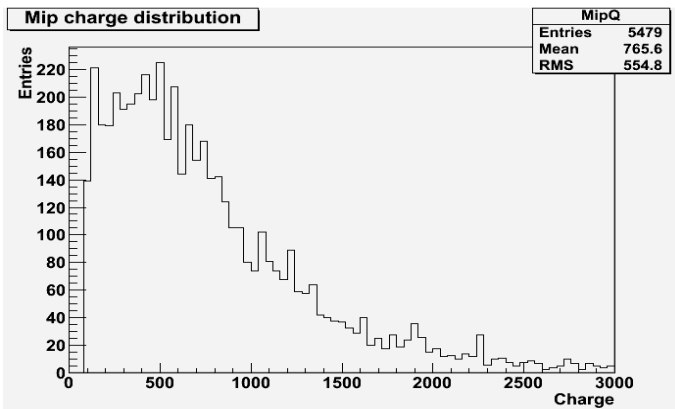
MIP charge (3 cm cut MIP-track)



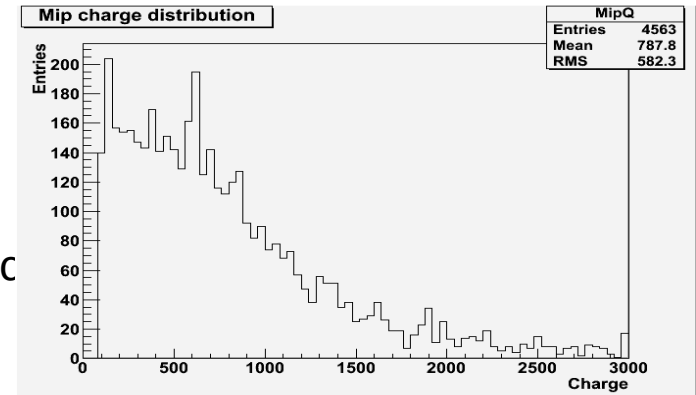
G3, LHC11d6f



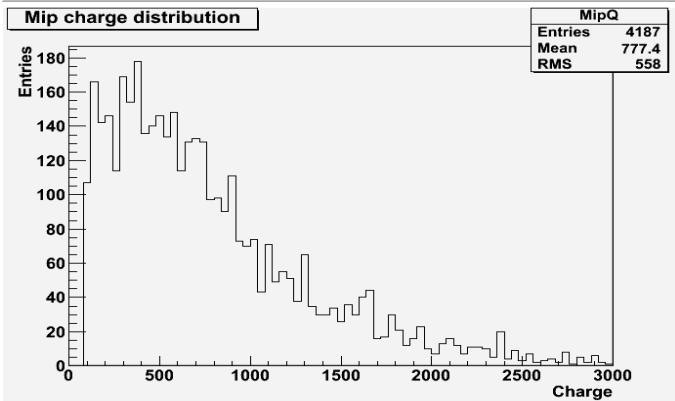
G4, LHC11d6a



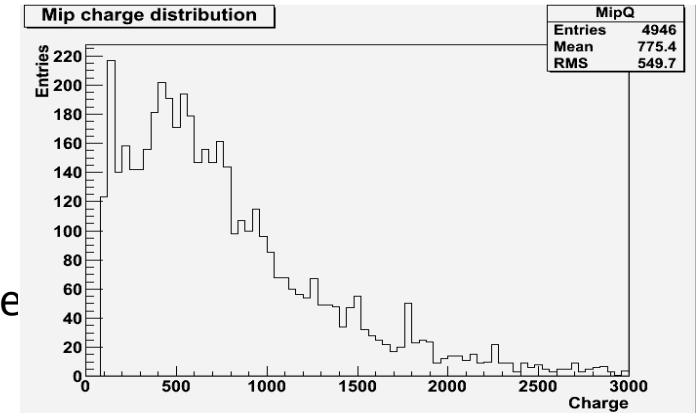
G4, LHC11d6b



G4, LHC11d6c



G4, LHC11d6d



G4, LHC11d6e