EM VALIDATION RESULTS FOR GEANT4 10.6REF02

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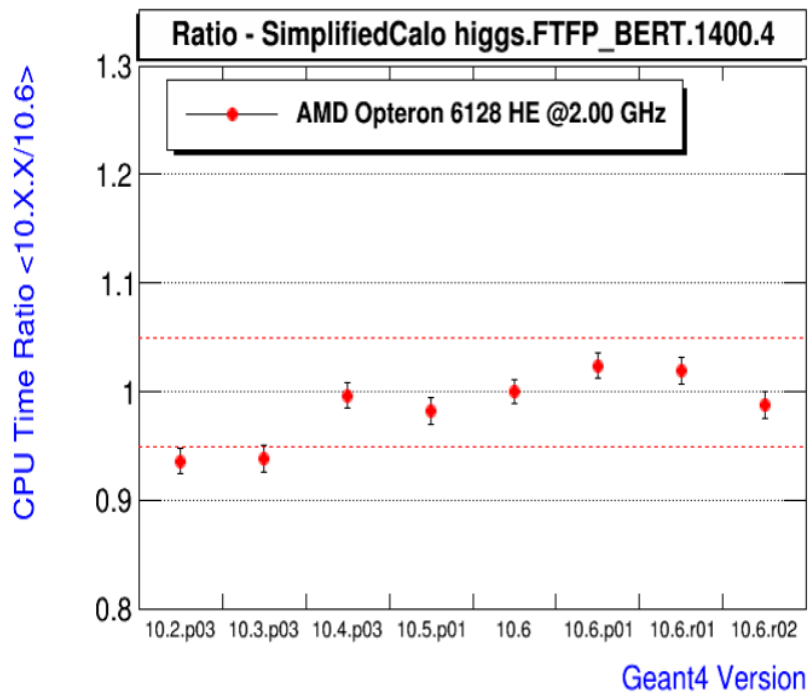3 March 2020

Modifications for 10.6ref02

- **G4UrbanMscModel** – tuning of back-scattering for low-energy e- and e+

- **G4Track** – use PDG code "-22" instead of check of G4ParticleTable; improved default constructor and removed many "if" from G4Track inline methods

Results of EM tests

- https://test-geant4-tools.web.cern.ch/test-geant4-tools/emtesting/

Field ON

Field OFF