

EM and Elastic Physics

- Number of builders and other related classes:
 - EM - 11 + 3 optical
 - These would be good to separate in any variant
 - EM builders are independent of the rest of PhysList
 - EM extra (gamma- electro- nuclear) - 2
 - Elastic - 8
 - Decay – 2
 - StepLimiter and tracking cut – 2
- Example of EM and example builders

http://www-geant4.kek.jp/lxr/source/physics_lists/builders/src/G4EmStandardPhysics.cc

http://www-geant4.kek.jp/lxr/source/physics_lists/builders/src/G4EmStandardPhysics_option4.cc

http://www-geant4.kek.jp/lxr/source/physics_lists/builders/src/G4HadronElasticPhysics.cc

http://www-geant4.kek.jp/lxr/source/physics_lists/builders/src/G4HadronElasticPhysicsXS.cc