BDSPlanckEngine

- – itsTemperature
- – kT
- – itsFourMom
- – a
- – b
- – c
- – x1
- – x2
- – TotalArea
- – area1
- – area2
- – area3
- – ntryMax

- + BDSPlanckEngine()
- + ~BDSPlanckEngine()
- + PerformPlanck()
- + SetTemperature()
- – PlanckSpectrum()

BDSComptonEngine

- – itsScatteredEl
- – itsScatteredGam
- – itsIncomingEl
- – itsIncomingGam
- – ntryMax

- + BDSComptonEngine()
- + BDSComptonEngine()
- + ~BDSComptonEngine()
- + PerformCompton()
- + PerformHighEnergyCompton()
- + PerformHighEnergyCompton2()
- + ComptonDifferentialCrossSection()
- + PeakAmplitudeOfComptonDifferentialCrossSection()
- + SetIncomingPhoton4Vec()
- + SetIncomingElectron4Vec()
- + GetScatteredElectron()
- + GetScatteredGamma()

itsPlanckEngine   itsComptonEngine

BDSPlanckScatter

- – itsTemperature
- – itsComptonEngine
- – itsPlanckEngine
- – itsPlanckMeanFreePath

- + BDSPlanckScatter()
- + ~BDSPlanckScatter()
- + InitialiseEnergyLossProcess()
- + PrintInfo()
- + IsApplicable()
- + GetMeanFreePath()
- + PostStepDoIt()
- + SetTemperature()
- + GetTemperature()
- – operator=()
- – BDSPlanckScatter()