DEVICE side Energy Loss Data memory alignment for a G4HepEmMCCData with the index of imc

The kinetic energy grid (common for all G4HepEmMCCData)

· · · N-1 indices E_1 E_2 E_N the fELossEnergyGrid array

 $R(E_N)$

 $S(E_N)$

 $S(E_N)'$

 $E(R_N)$

indices



the fELossDataDEDXSD array

the fELossDataInvRangeSD array

$$k_0$$
 k_1 k_N k_N

 $S(E_2)$

 $S(E_2)^{"}$

 $E(R_2)^{"}$

 $S(E_1)$

 $S(E_1)^{"}$

 $E(R_1)^{"}$

The N Energy Loss Data: $r_0 = \text{imc} \times N$ i_1 i_N i_0