
$$\frac{dE_{jslices}}{dx} = \sum_{i=(Ntimebin/Nslices)*jslices}^{i=(Ntimebin/Nslices)*(jslices+1)} \frac{dQ_i}{dl} ,$$

$$\frac{dE}{dx} = \left(\sum_{jslices=0}^{jslices=Nslices} \frac{dE_{jslices}}{dx} \right) / Nslices$$

where, dQ_i / dl is the charge per unit length at a given time bin.

This is the method implemented in `AliTRDcheckPID::PlotdEdx` and `AliTRDseedV1::CookdEdx` to check TRD pid performance for 2-dm LQ method