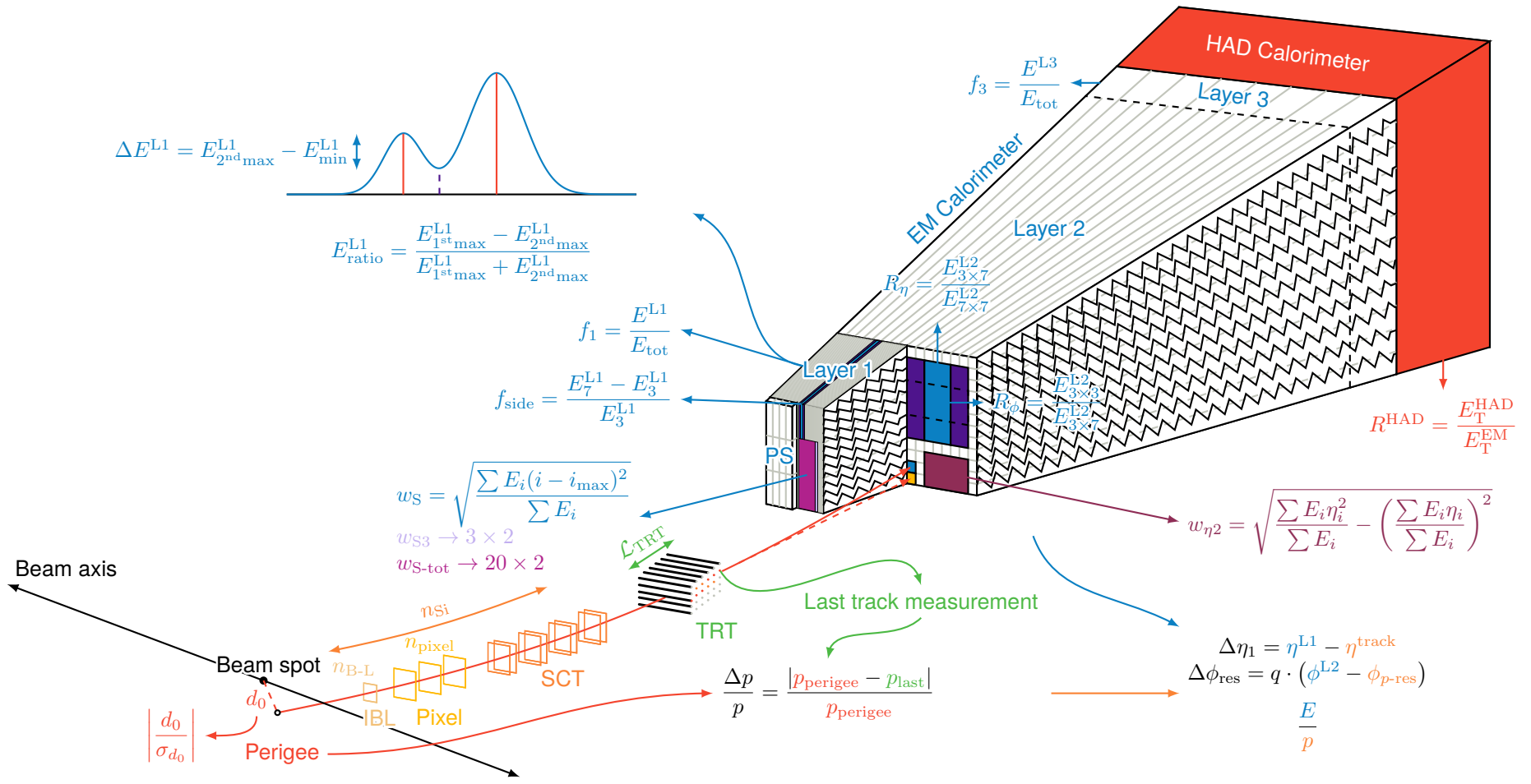

$\Delta E^{\mathrm{L1}} = E^{\mathrm{L1}}_{2^{\mathrm{nd}}\mathrm{max}} - E^{\mathrm{L1}}_{\mathrm{min}}$
$E^{\mathrm{L1}}_{\mathrm{ratio}} = \frac{E^{\mathrm{L1}}_{1^{\mathrm{st}}\mathrm{max}} - E^{\mathrm{L1}}_{2^{\mathrm{nd}}\mathrm{max}}}{E^{\mathrm{L1}}_{1^{\mathrm{st}}\mathrm{max}} + E^{\mathrm{L1}}_{2^{\mathrm{nd}}\mathrm{max}}}$
$f_1 = \frac{E^{\mathrm{L1}}}{E_{\mathrm{tot}}}$
$f_{\mathrm{side}} = \frac{E^{\mathrm{L1}}_7 - E^{\mathrm{L1}}_3}{E^{\mathrm{L1}}_3}$
$w_{\mathrm{S}} = \sqrt{\frac{\sum E_i (i - i_{\mathrm{max}})^2}{\sum E_i}}$
$w_{\mathrm{S3}} \rightarrow 3 \times 2$
$w_{\mathrm{S\text{-}tot}} \rightarrow 20 \times 2$
$f_3 = \frac{E^{\mathrm{L3}}}{E_{\mathrm{tot}}}$
$R_\eta = \frac{E^{\mathrm{L2}}_{3\times7}}{E^{\mathrm{L2}}_{7\times7}}$
$R_\phi = \frac{E^{\mathrm{L2}}_{3\times3}}{E^{\mathrm{L2}}_{3\times7}}$
$R^{\mathrm{HAD}} = \frac{E^{\mathrm{HAD}}_{\mathrm{T}}}{E^{\mathrm{EM}}_{\mathrm{T}}}$
$w_{\eta 2} = \sqrt{\frac{\sum E_i \eta_i^2}{\sum E_i} - \left(\frac{\sum E_i \eta_i}{\sum E_i}\right)^2}$
$\Delta\eta_1 = \eta^{\mathrm{L1}} - \eta^{\mathrm{track}}$
$\Delta\phi_{\mathrm{res}} = q \cdot \left(\phi^{\mathrm{L2}} - \phi_{p\text{-res}}\right)$
$\frac{E}{p}$
$\frac{\Delta p}{p} = \frac{|p_{\mathrm{perigee}} - p_{\mathrm{last}}|}{p_{\mathrm{perigee}}}$
$\left|\frac{d_0}{\sigma_{d_0}}\right|$
d_0
HAD Calorimeter
Layer 3
EM Calorimeter
Layer 2
Layer 1
PS
TRT
$\mathcal{L}_{\mathrm{TRT}}$
Last track measurement
Beam axis
Beam spot
n_{Si}
n_{pixel}
$n_{\mathrm{B\text{-}L}}$
IBL
Pixel
SCT
Perigee