## Number of dead cells for a given buffer depth for EcalBarrel $10^{-3}$ Number of dead cells set (TDR) $10^{-4}$ set (A): TDR + Emittance\_x $10^{-5}$ set (B): TDR + Emittance\_x + Beta\_x set (C): TDR + Emittance\_x + Beta\_x + Beta\_y $10^{-6}$ $10^{-7}$ $10^{-9}$ $10^{-11}$ 2.5 0.5 1.5 Assumed buffer depth