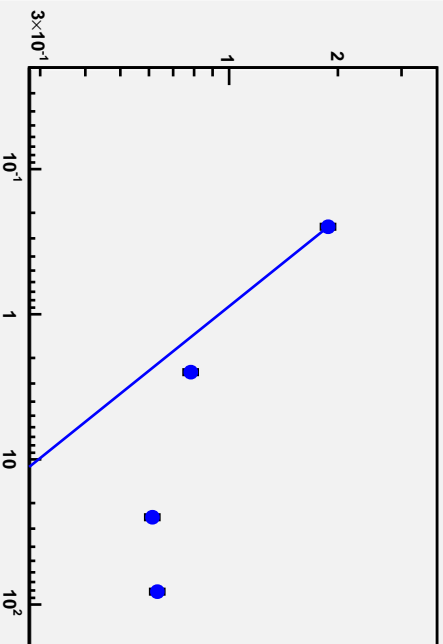


Barrel  $\phi_{\text{H}}(\text{mrad})$  vs int lumi ( $\text{pb}^{-1}$ )



Endcap  $\phi_{\text{H}}(\text{mrad})$  vs int lumi ( $\text{pb}^{-1}$ )

