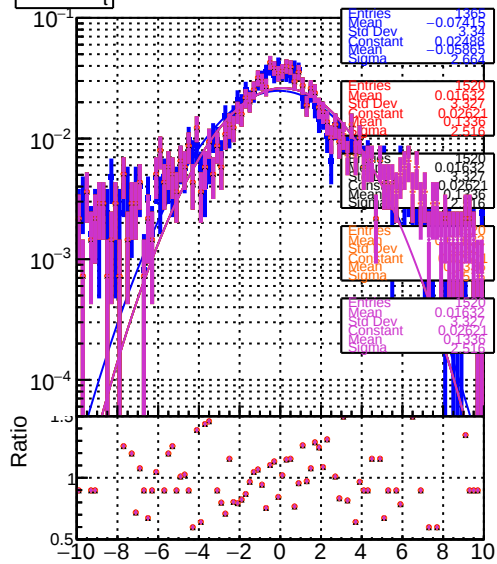
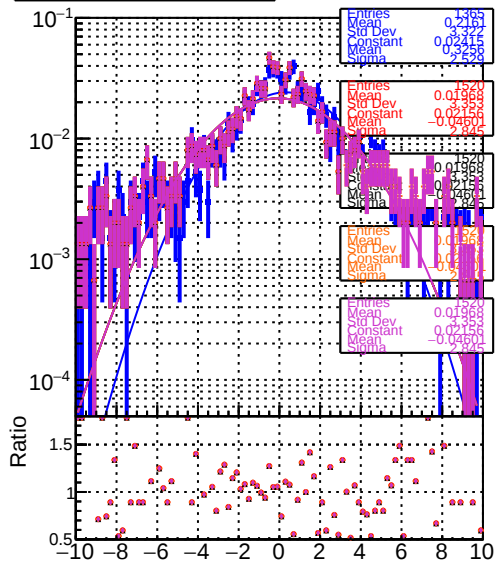
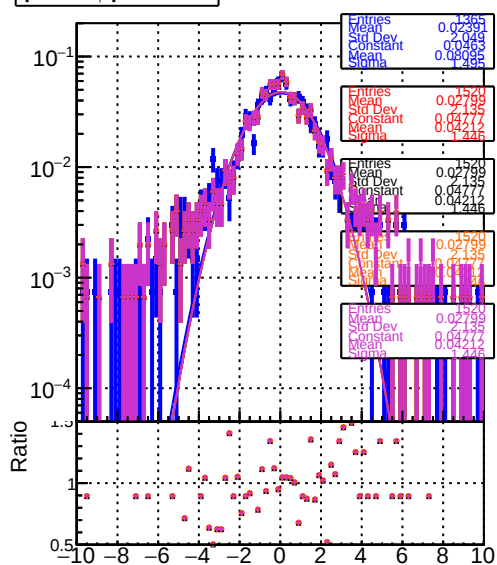
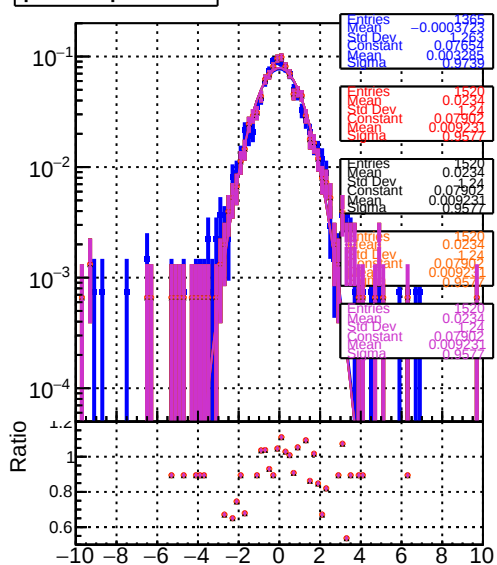
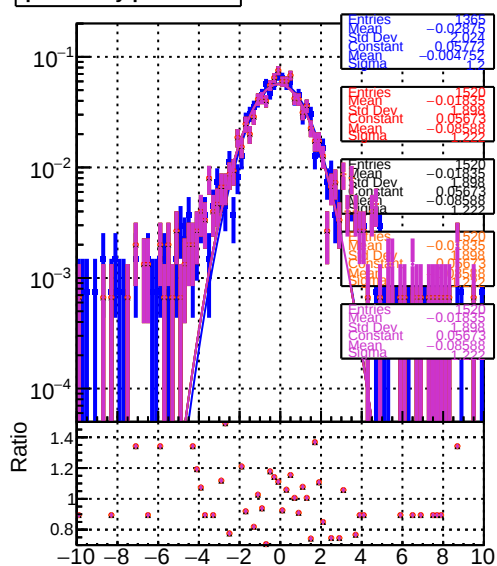


pull of p_t 

pull of qover parameter



DOM CKF TThar
DOM CKF TThar + PU
DOM CKF TThar + PU + updated new PLDNN
DOM CKF TThar + PU + updated new PLDNN + 2

pull of ϕ parameterpull of θ parameterpull of dx_y parameterpull of dz parameter