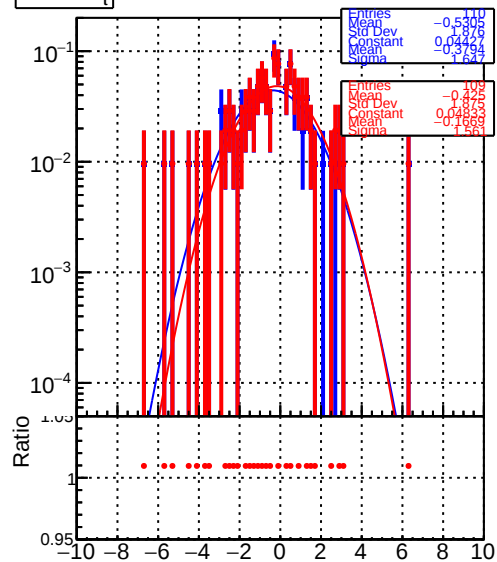


pull of p_t 

pull of qoverp parameter

