O (blue) & H (red) g mix 10 min  $\delta$ =90  $\alpha$ =1e-3 histH beam count 33224 **Entries** 9.096e-10 Mean 5.074e-11 Std Dev 2500 2000 1500 1000 500 0.3 0.5 0.6 8.0 0.9 0.4 0.7 lambda [m]