O (blue) & H (red) g mix 10 min  $\delta$ =60  $\alpha$ =1e-3 histH beam count 37876 **Entries** 9.086e-10 Mean 3000 5.24e-11 Std Dev 2500 2000 1500 1000 500 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]