O (blue) & H (red) mix mix 10 min  $\delta$ =0  $\alpha$ =1e-2 histH beam count 38765 **Entries** 9.155e-10 Mean 4.605e-11 Std Dev 2500 2000 1500 1000 500 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]