O (blue) & H (red) mix mix 10 min  $\delta$ =30  $\alpha$ =1e-2 histH beam count 27312 **Entries** 9.157e-10 1400 Mean 4.657e-11 Std Dev 1200 1000 800 600 400 200 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]