O (blue) & H (red) mix mix 10 min  $\delta$ =0  $\alpha$ =1e-1 histH beam count 31270 **Entries** 2200 9.141e-10 Mean 5.747e-11 Std Dev 2000 1800 1600 1400 1200 1000 800 600 400 200 0.3 0.5 0.6 8.0 0.9 0.4 0.7 lambda [m]