O (blue) & H (red) mix mix 30 min  $\delta$ =30  $\alpha$ =5e-2 histH\_zoom beam count 93125 **Entries** 4500 9.026e-10 Mean 5.616e-11 Std Dev 4000 3500 3000 2500 2000 1500 1000 500 8.0 0.85 0.9 0.95 0.75 lambda [m]