O (blue) & H (red) mix mix 30 min  $\delta$ =30  $\alpha$ =1e-3 histH\_zoom beam count 6000 142948 **Entries** 9.085e-10 Mean 5.407e-11 Std Dev 5000 4000 3000 2000 1000 0.75 8.0 0.85 0.9 0.95 lambda [m]