O (blue) & H (red) mix mix 10 min  $\delta$ =30  $\alpha$ =3e-3 histH 4500 beam count 41898 **Entries** 9.106e-10 Mean 4000 5.187e-11 Std Dev 3500 3000 2500 2000 1500 1000 500 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]