O (blue) & H (red) mix mix 10 min  $\delta$ =60  $\alpha$ =3e-3 histH beam count 29897 **Entries** 2200 9.132e-10 Mean 4.683e-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]