O (blue) & H (red) mix mix 10 min δ =10 α =5e-3 histH 4000 beam count 49333 **Entries** 9.087e-10 Mean 3500 5.08e-11 Std Dev 3000 2500 2000 1500 1000 500 0.3 0.4 0.5 0.6 0.7 8.0 0.9 lambda [m]