O (blue) & H (red) mix mix 10 min δ =30 α =1e-3 histH beam count 47681 **Entries** 9.083e-10 Mean 5000 5.42e-11 Std Dev 4000 3000 2000 1000 0.3 0.4 0.5 0.6 0.7 8.0 0.9 lambda [m]