O (blue) & H (red) mix mix 10 min δ =0 α =1e-3 histH beam count 58430 **Entries** 9.264e-10 4500 Mean 5.31e-11 Std Dev 4000 3500 3000 2500 2000 1500 1000 500 0.3 0.5 0.6 8.0 0.9 0.4 0.7 lambda [m]