O (blue) & H (red) mix mix 10 min δ =30 α =2e-3 histH beam count 4000 **Entries** 48017 9.075e-10 Mean 5.344e-11 Std Dev 3500 3000 2500 2000 1500 1000 500 0.3 0.5 0.6 0.9 0.4 0.7 8.0 lambda [m]