O (blue) & H (red) mix mix 10 min δ =30 α =2e-3 histH beam count 4000 48717 **Entries** 9.081e-10 Mean 5.355e-11 Std Dev 3500 3000 2500 2000 1500 1000 500 0.3 0.5 0.6 8.0 0.9 0.4 0.7 lambda [m]