O (blue) & H (red) mix mix 10 min δ =30 α =5e-3 histH beam count 36603 **Entries** 3000 9.143e-10 Mean 4.836e-11 Std Dev 2500 2000 1500 1000 500 0.3 0.5 0.6 8.0 0.9 0.4 0.7 lambda [m]