O (blue) & H (red) g mix 10 min  $\delta$ =30  $\alpha$ =1e-3 histH beam count 50761 **Entries** 3500 9.105e-10 Mean 5.682e-11 Std Dev 3000 2500 2000 1500 1000 500 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]