O (blue) & H (red) g mix 10 min  $\delta$ =5  $\alpha$ =1e-3 histH beam count 4000 50909 **Entries** 9.277e-10 Mean 5.674e-11 Std Dev 3500 3000 2500 2000 1500 1000 500 0.3 0.5 0.6 0.7 8.0 0.4 0.9 lambda [m]