O (blue) & H (red) g mix 10 min δ =0 α =1e-3 histH 8000 beam count 118286 **Entries** 9.129e-10 Mean 7000 5.137e-11 Std Dev 6000 5000 4000 3000 2000 1000 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]