O (blue) & H (red) mix mix 10 min δ =10 α =5e-3 histH_zoom beam count 49333 2000 **Entries** 9.087e-10 Mean 1800 5.08e-11 Std Dev 1600 1400 1200 1000 800 600 400 200 0.75 8.0 0.85 0.9 0.95 lambda [m]