O (blue) & H (red) mix mix 30 min δ =30 α =5e-3 histH_zoom 3500 beam count 109137 **Entries** 9.143e-10 Mean 4.882e-11 Std Dev 3000 2500 2000 1500 1000 500 0.9 8.0 0.85 0.95 0.75

lambda [m]