O (blue) & H (red) mix mix 10 min δ =90 α =3e-3 histH_zoom beam count 27665 **Entries** 9.139e-10 Mean 700 4.566e-11 Std Dev 600 500 400 300 200 100 8.0 0.85 0.9 0.95 0.75 lambda [m]