O (blue) & H (red) mix mix 10 min δ =90 α =3e-3 histH beam count 27665 1600 **Entries** 9.139e-10 Mean 4.566e-11 Std Dev 1400 1200 1000 800 600 400 200 0.3 0.5 0.6 0.7 8.0 0.9 0.4 lambda [m]