O (blue) & H (red) mix mix 60 min δ =30 α =1e-1 histH beam count 10000 167934 **Entries** 9.11e-10 Mean 5.101e-11 Std Dev 8000 6000 4000 2000 0.2 0.3 0.5 0.6 8.0 0.9 0.4 0.7 lambda [m]