

Time resolution

Entries

300
250
200
150
100
50
0

Double Gauss

- $\sigma_{\text{Single}} = 21.1 \pm 0.3 \text{ ps}$
- $\sigma_{\text{Comb}} = 20.1 \pm 0.6 \text{ ps}$
- $\sigma_{\text{Core}} = 19.4 \pm 0.4 \text{ ps}$
- $\sigma_{\text{Tail}} = 47.6 \pm 6.9 \text{ ps}$

h1	
Entries	3542
Mean	-5.351e-05
Std Dev	0.02103

Time difference: PICOSEC vs reference, ns

