

Time resolution

Entries

300
250
200
150
100
50
0

Double Gauss

- $\sigma_{\text{Single}} = 38.0 \pm 0.4 \text{ ps}$
- $\sigma_{\text{Comb}} = 32.0 \pm 1.0 \text{ ps}$
- $\sigma_{\text{Core}} = 27.6 \pm 0.6 \text{ ps}$
- $\sigma_{\text{Tail}} = 79.5 \pm 4.5 \text{ ps}$

h1

Entries	4141
Mean	4.796e-05
Std Dev	0.03803

Time difference: PICOSEC vs reference, ns

