

Time resolution

Entries

250
200
150
100
50
0

Double Gauss

- $\sigma_{\text{Single}} = 35.5 \pm 0.4 \text{ ps}$
- $\sigma_{\text{Comb}} = 29.0 \pm 1.1 \text{ ps}$
- $\sigma_{\text{Core}} = 24.4 \pm 0.6 \text{ ps}$
- $\sigma_{\text{Tail}} = 73.4 \pm 4.2 \text{ ps}$

h1

Entries	3126
Mean	0.0004254
Std Dev	0.03546

Time difference: PICOSEC vs reference, ns

