

Time resolution

Entries

250

200

150

100

50

0

Double Gauss

$\sigma_{\text{Single}} = 14.3 \pm 0.2 \text{ ps}$

$\sigma_{\text{Comb}} = 13.8 \pm 0.9 \text{ ps}$

$\sigma_{\text{Core}} = 13.1 \pm 0.5 \text{ ps}$

$\sigma_{\text{Tail}} = 22.0 \pm 3.5 \text{ ps}$

h1

Entries 2265

Mean -0.0002614

Std Dev 0.01421

Time difference: PICOSEC vs reference, ns

