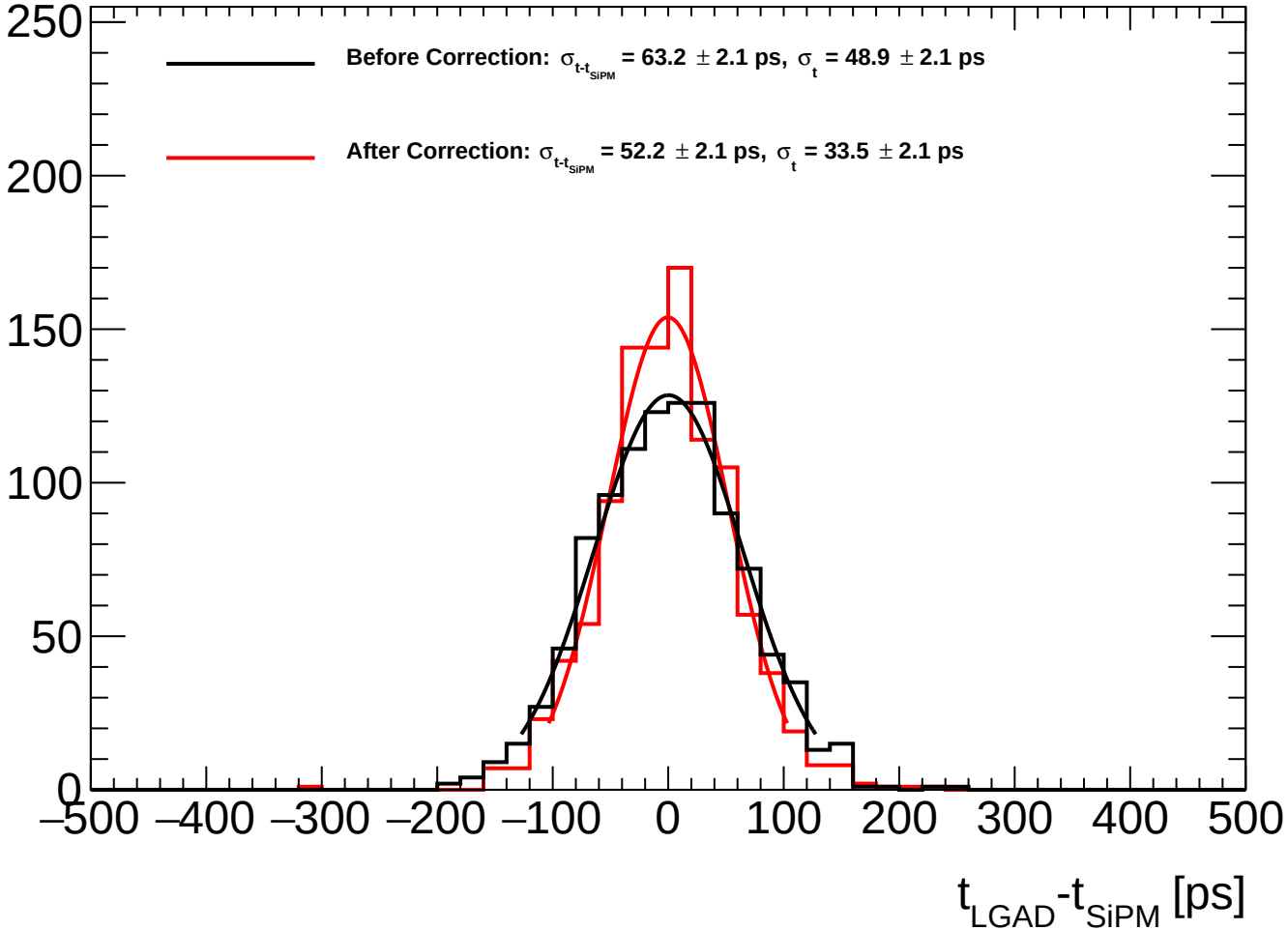
Before Correction: $\sigma_{t-t_{SiPM}}$ = 63.2 ± 2.1 ps, σ_t = 48.9 ± 2.1 ps
After Correction: $\sigma_{t-t_{SiPM}}$ = 52.2 ± 2.1 ps, σ_t = 33.5 ± 2.1 ps
250
200
150
100
50
0
–500
–400
–300
–200
–100
0
100
200
300
400
500
t_{LGAD}-t_{SiPM} [ps]