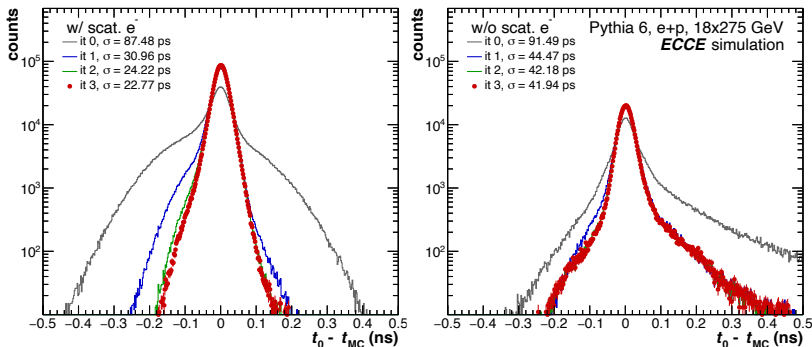


Iterative Improvements to t_0



- Common procedure after initial t_0 determination
- For all particles the velocity estimate is based on $t_{part,rec} - t_{0,it-1}$
- In iterations $1/\beta$ is calculated and compared to expectation value for π, K, p and e
 - \rightarrow assumed to be corresponding particle if within 1% of expectation value & $p < 6$ GeV/c
 - $\rightarrow p > 15$ GeV/c pion mass assumed, except for scattered electron candidates
- Latest after 4 iterations no significant change observed any more