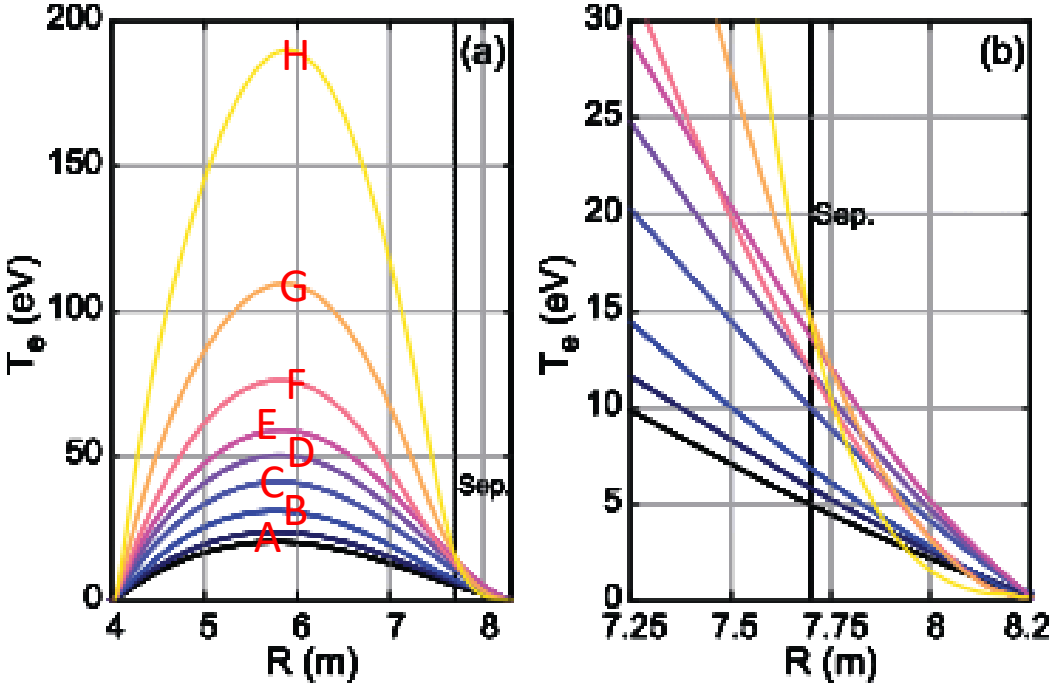
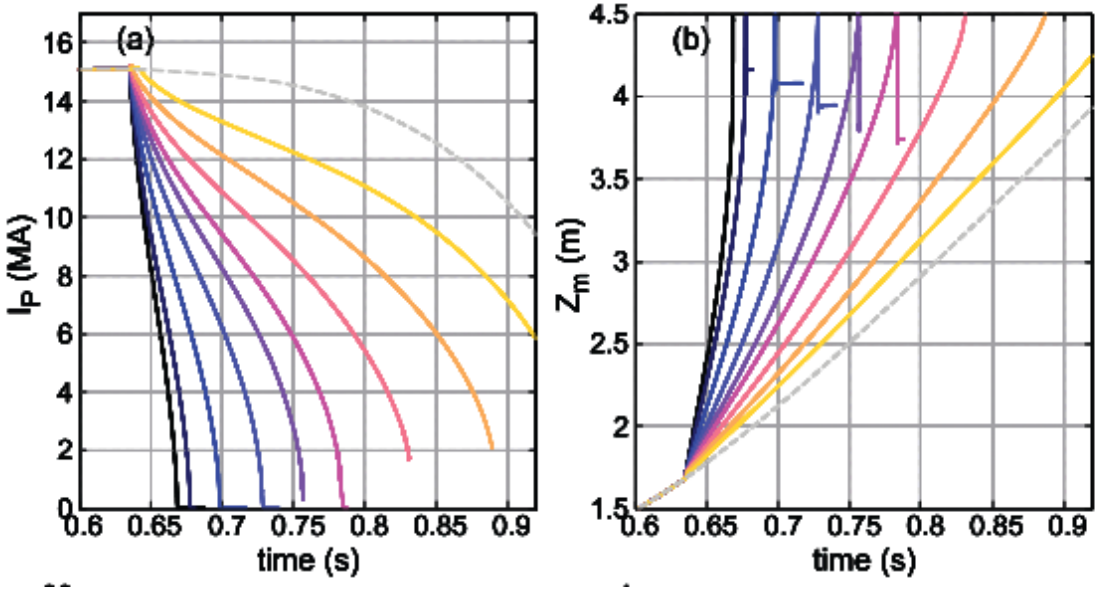
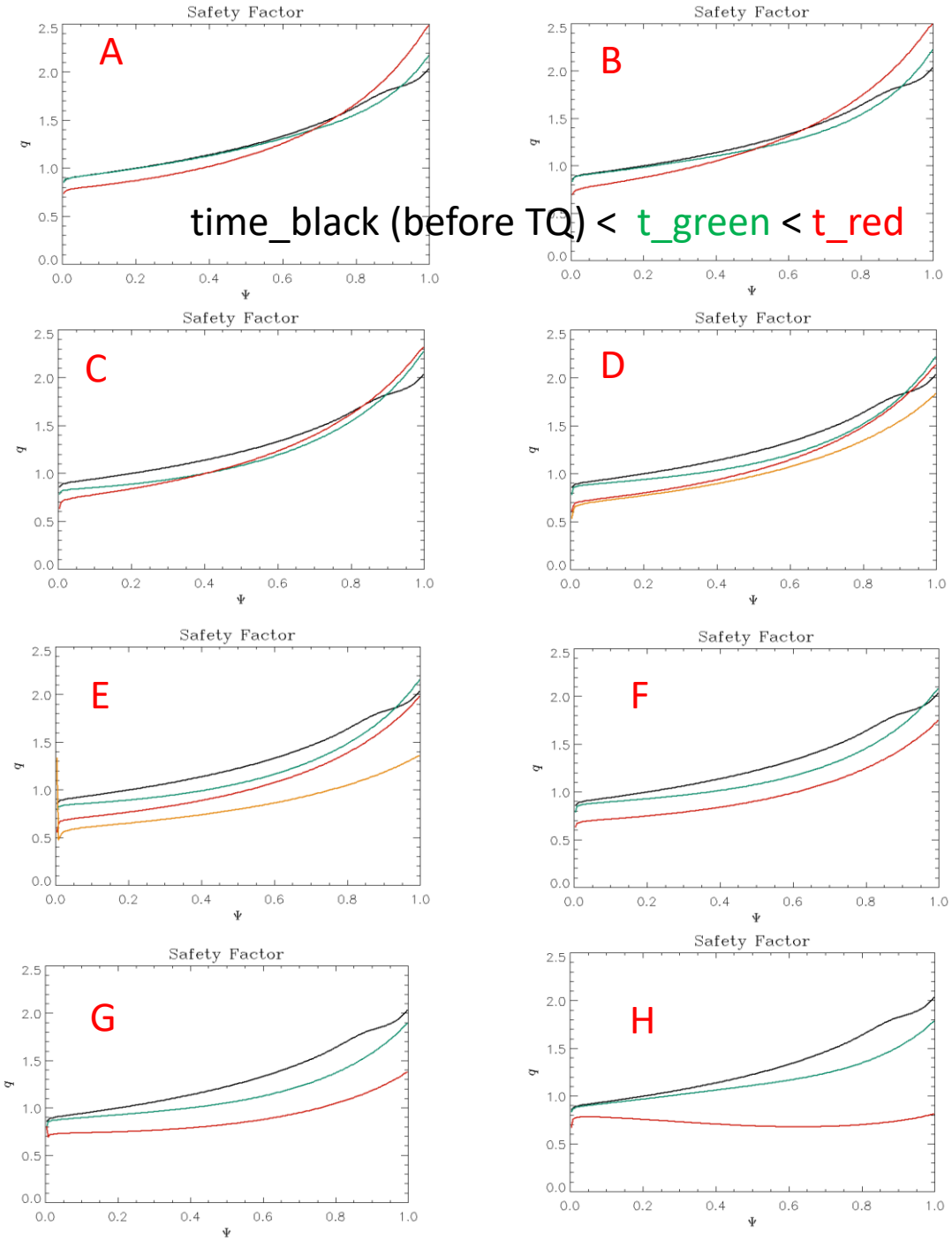


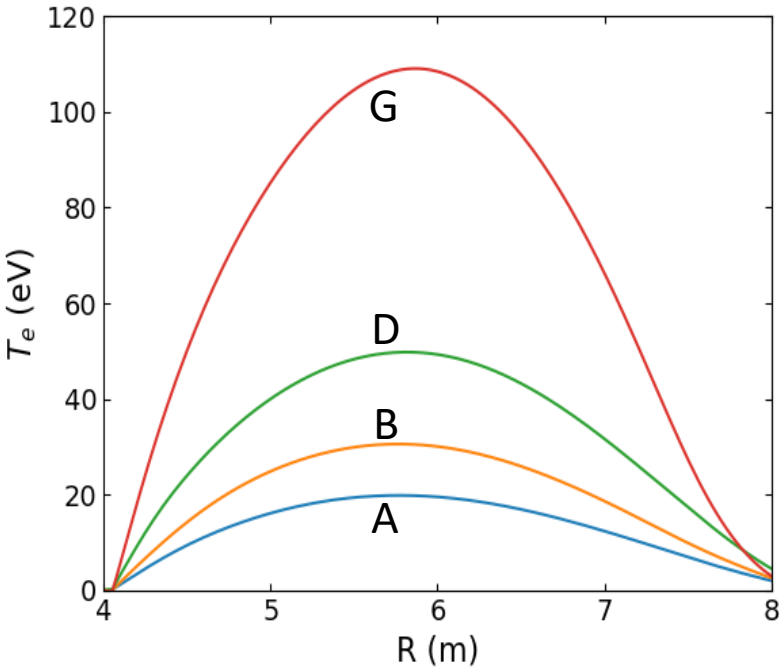


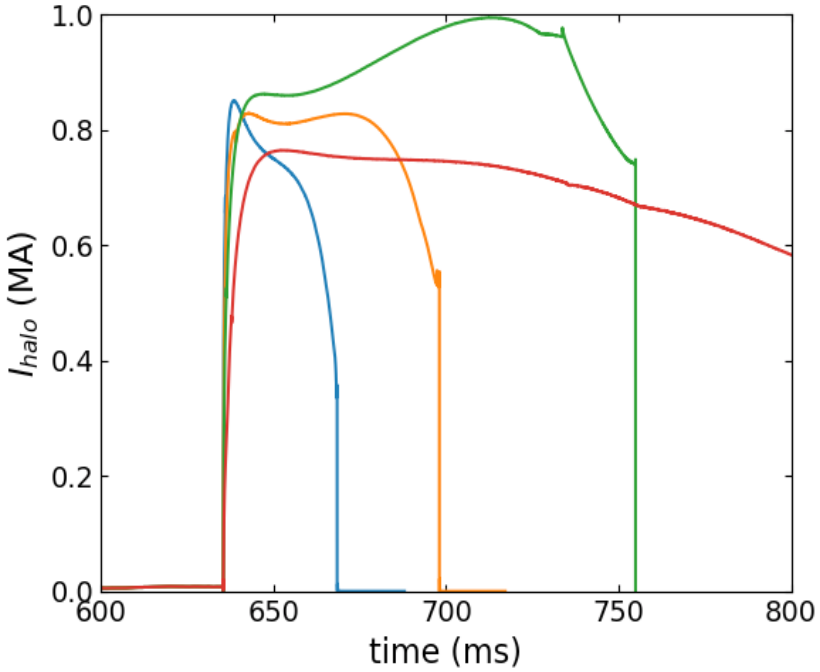


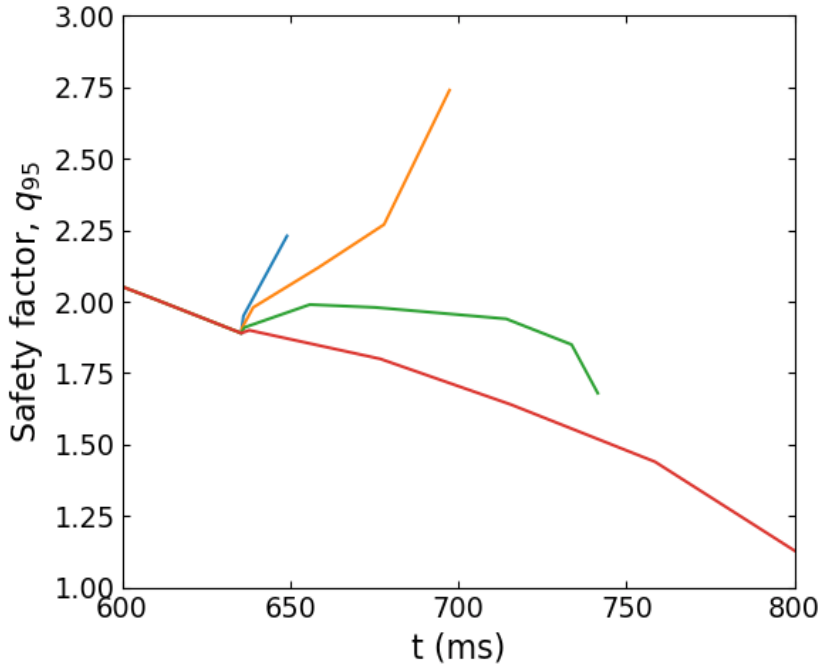
time_black (before TQ) < t_green < t_red

OLD mesh --

I picked four of the previous cases to show q_95 vs time





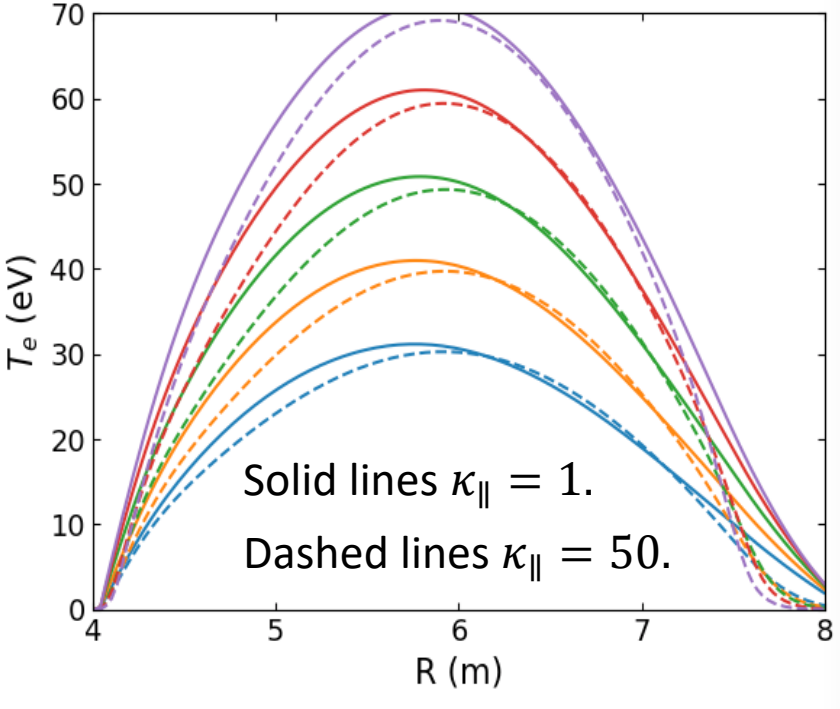


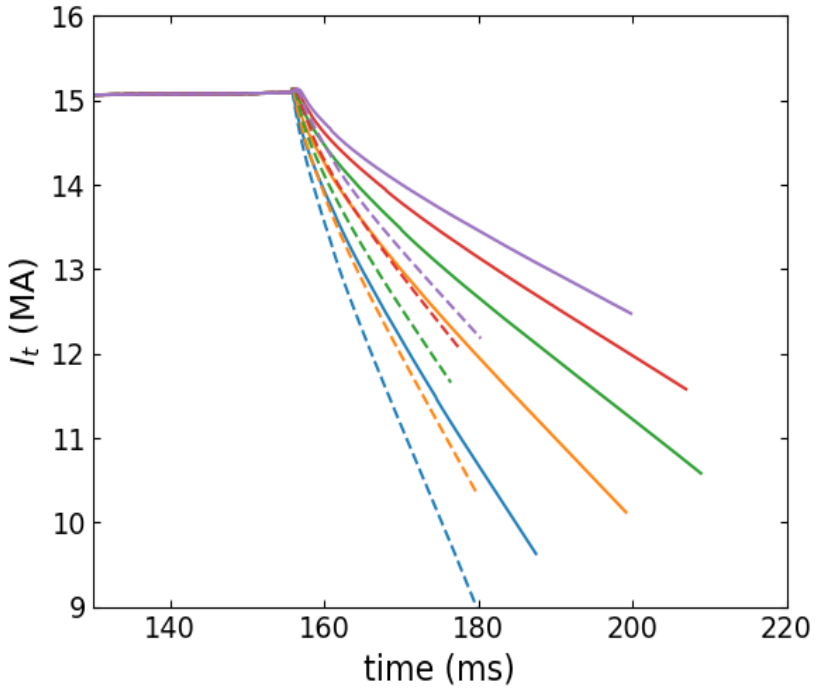
The orange curve was our ‘reference’ small halo case (Te ~ 30 eV) in our NF paper

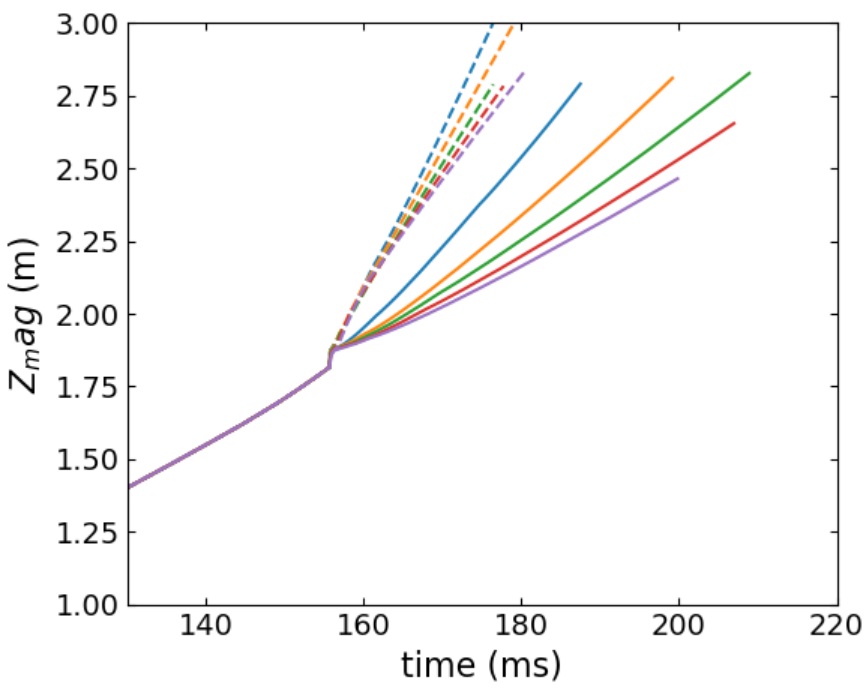
ITER – New mesh

I ran several cases with different uniform $\kappa_\perp$ to produce different post-TQ Te

For each $\kappa_\perp$ I ran two $\kappa_\parallel = 1.$ and $50.$

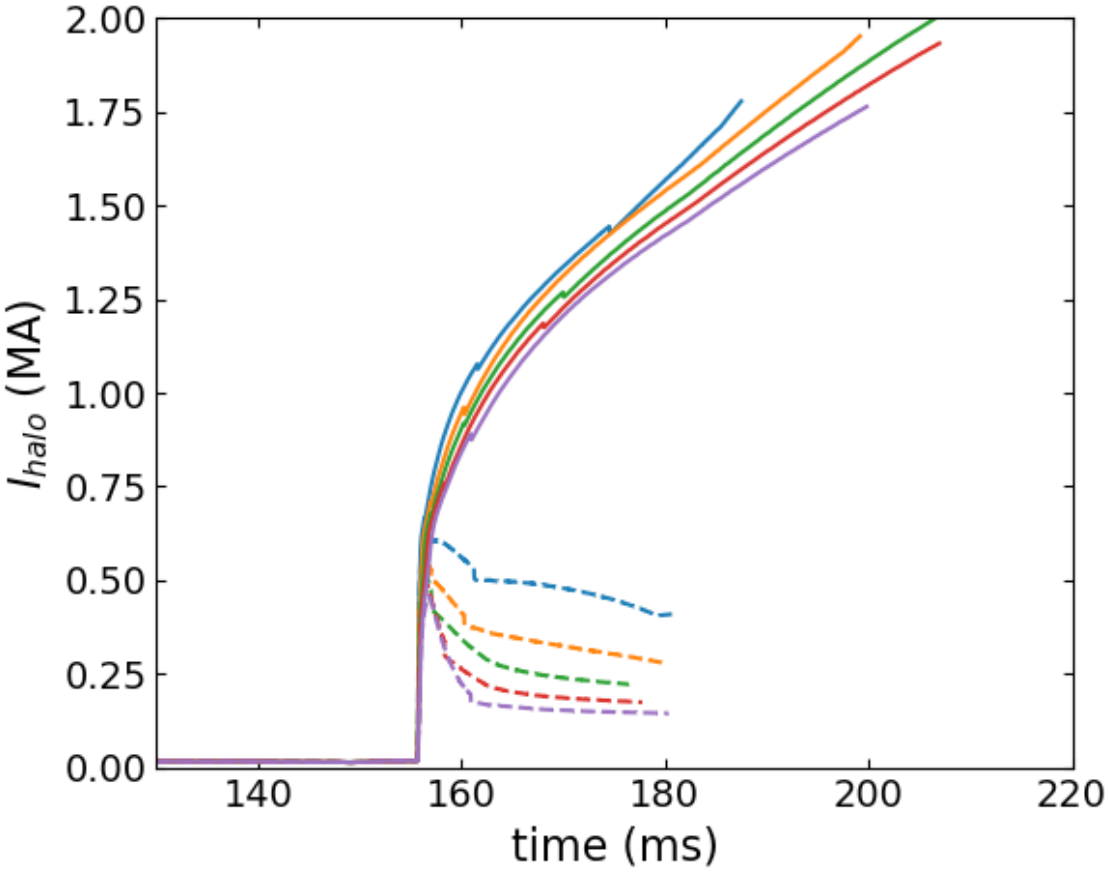




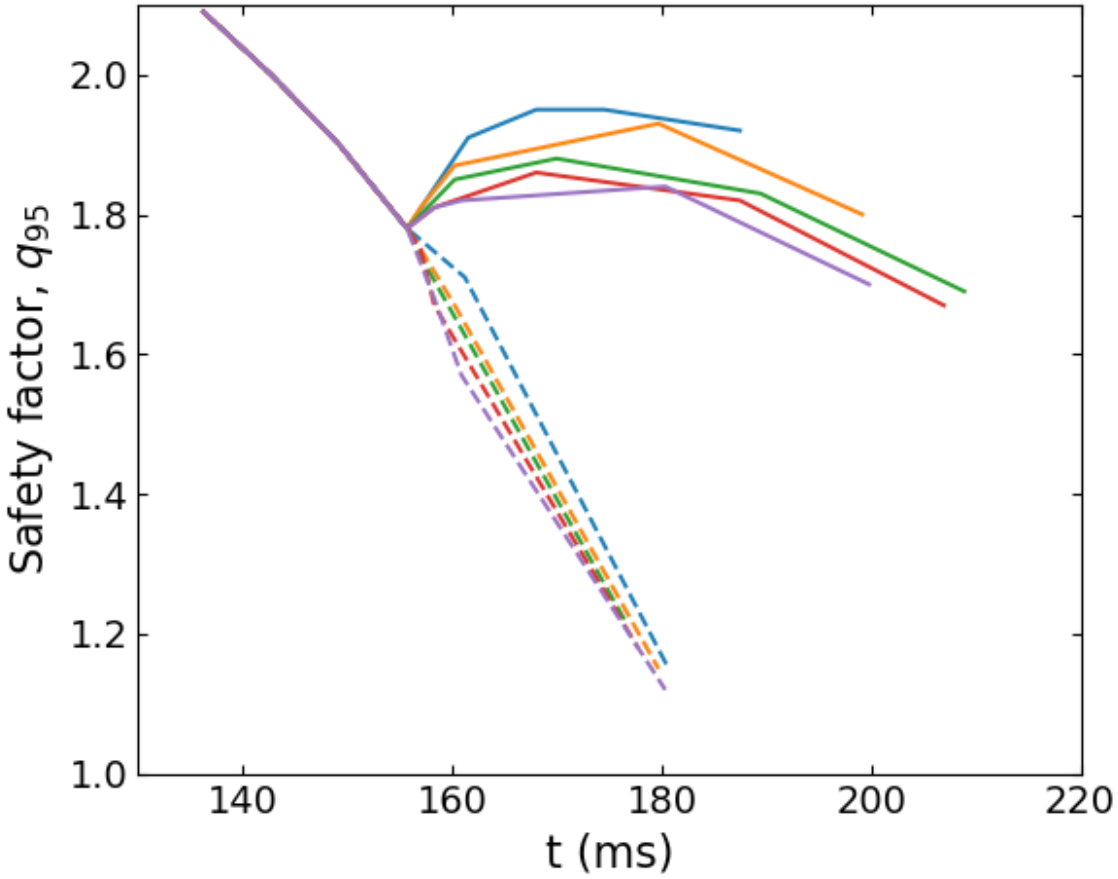


The change in the halo temperature has a substantial role on the VDE upward movement

ITER – New mesh



I am still running the blue and orange cases



Halo current is much larger in this new ITER geometry for the same kappa coefficients.
I think that this is due to that the plasma is scraping-off faster.