

Vertical Field Index for NSTX

- TSC simulations show slow vertical growth rates for NSTX plasmas. In particular, even in the absence of nearby conducting plates, the growth times are on the order of 1 msec. This is in marked contrast to conventional aspect ratio tokamaks.
- Here, we contrast the vertical field index, $n = -R/B_z(\partial B_z/\partial R)$, for NSTX with that of TPX ($\gamma_z^2 \sim -n$).

