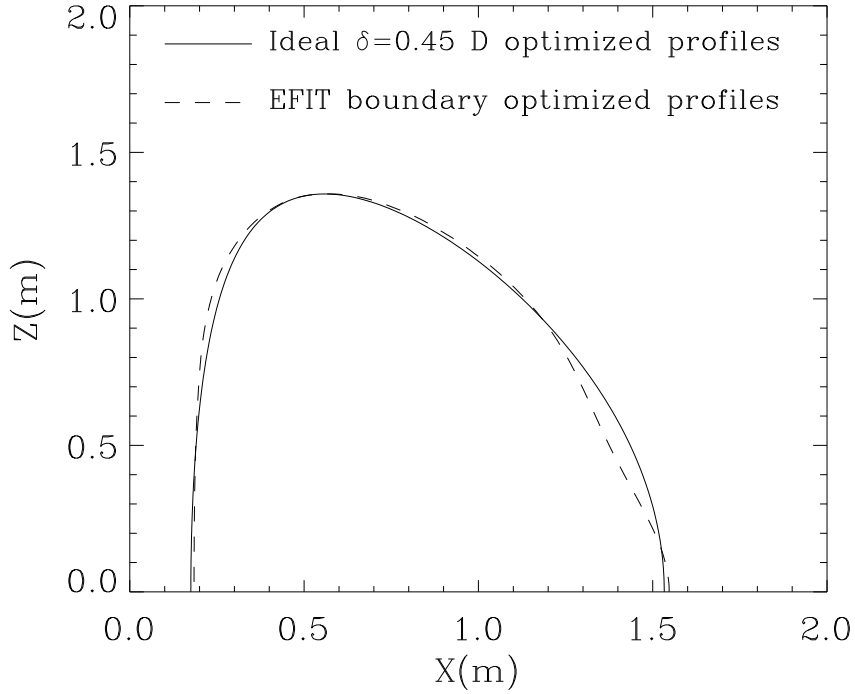
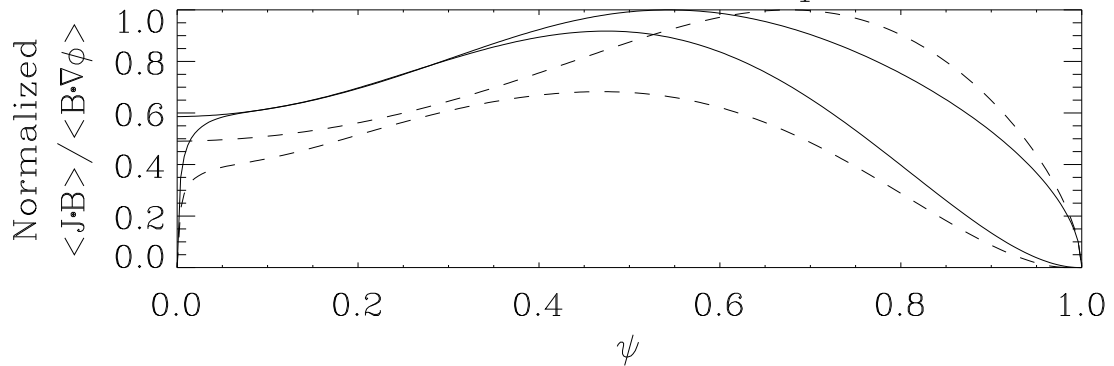


High β_N ballooning stable NSTX equilibrium using EFIT boundary

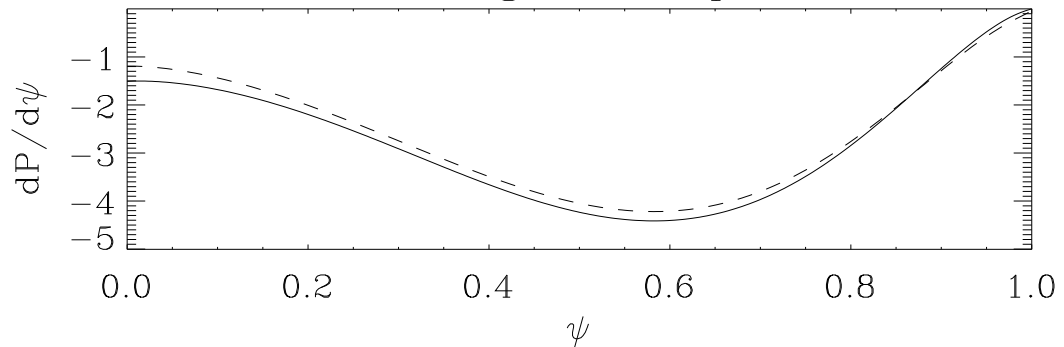
$A=1.27, \kappa=1.99, \delta=0.46$
 $\beta=33.2\%, \beta_N=7.01, f_{vp}=60.4\%$



Total and BS current profiles



Pressure gradient profiles



ID nstxfb02: First iteration using δ similar to ideal D