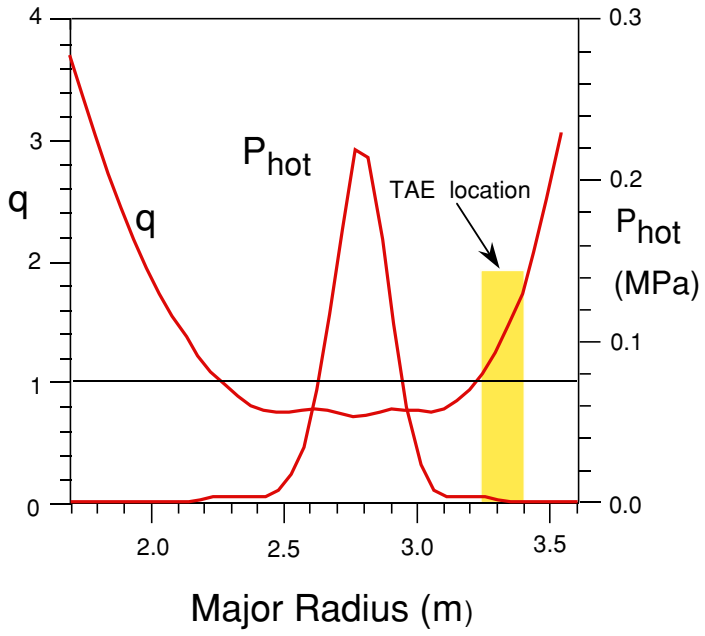

Figure 8. Radial density profile of fast ions as computed by TRANSP, before sawtooth mixing. There is essentially no fast ion density at the radius of the TAEs and hence they are stable until a sawtooth crash occurs. Conditions as in figure 5.