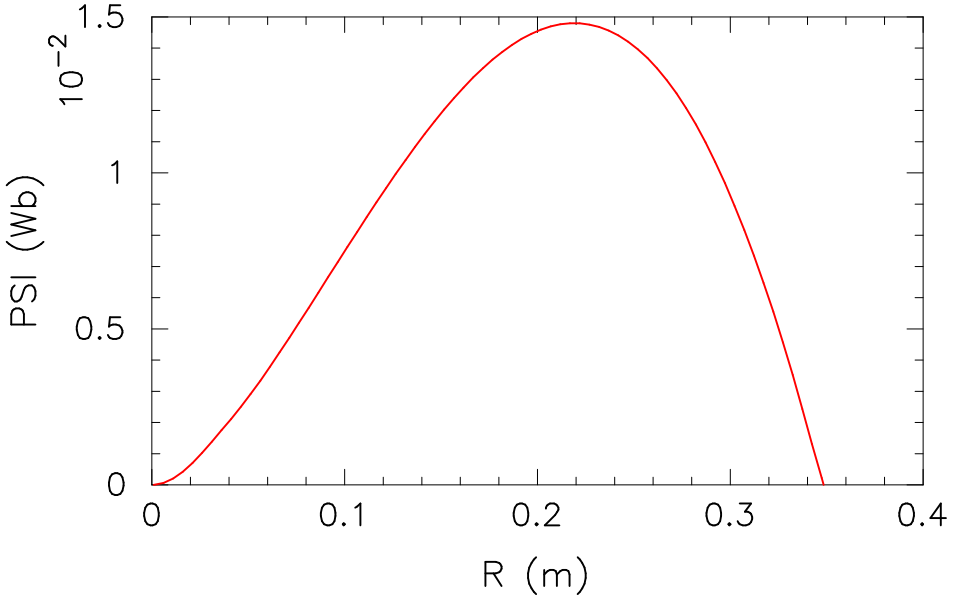
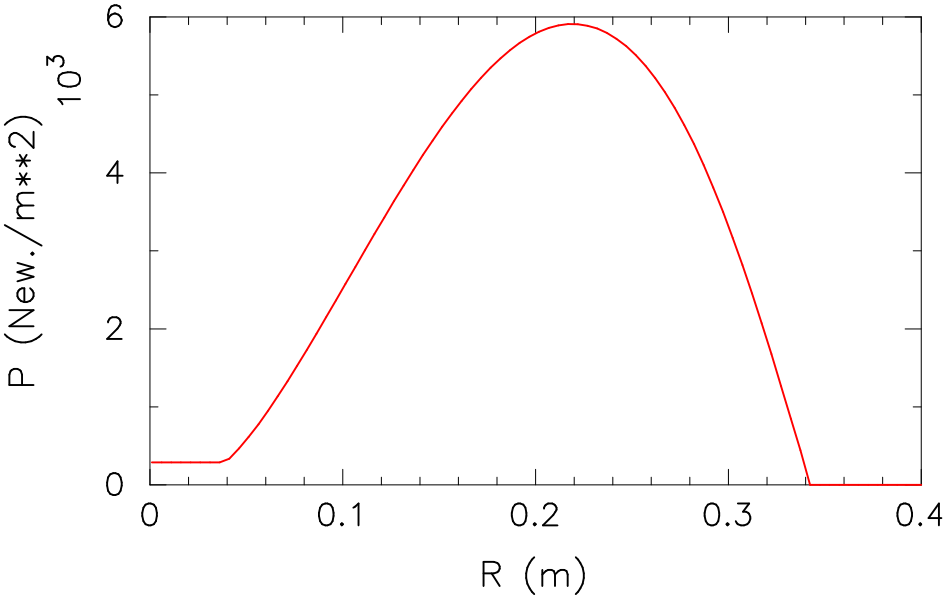
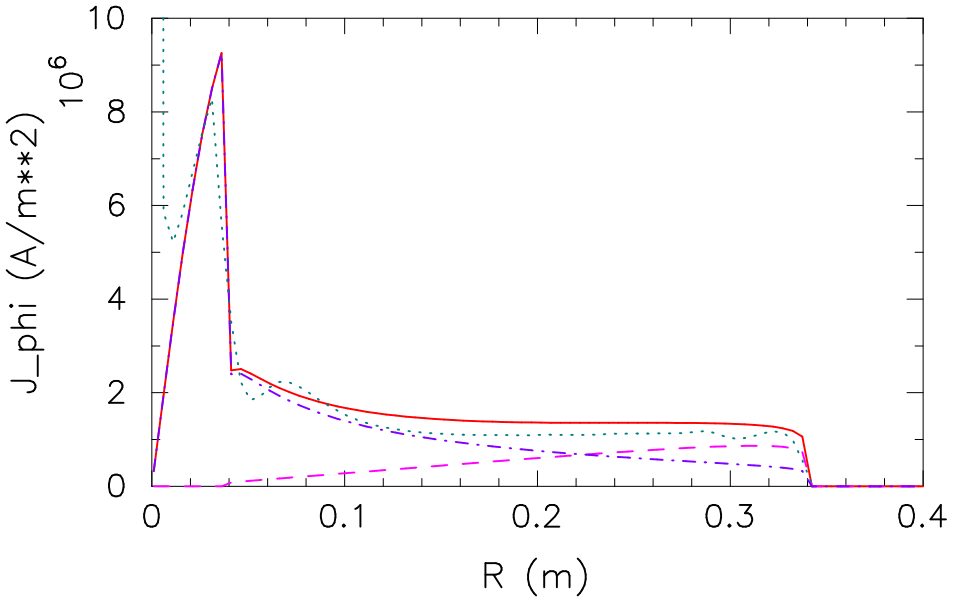
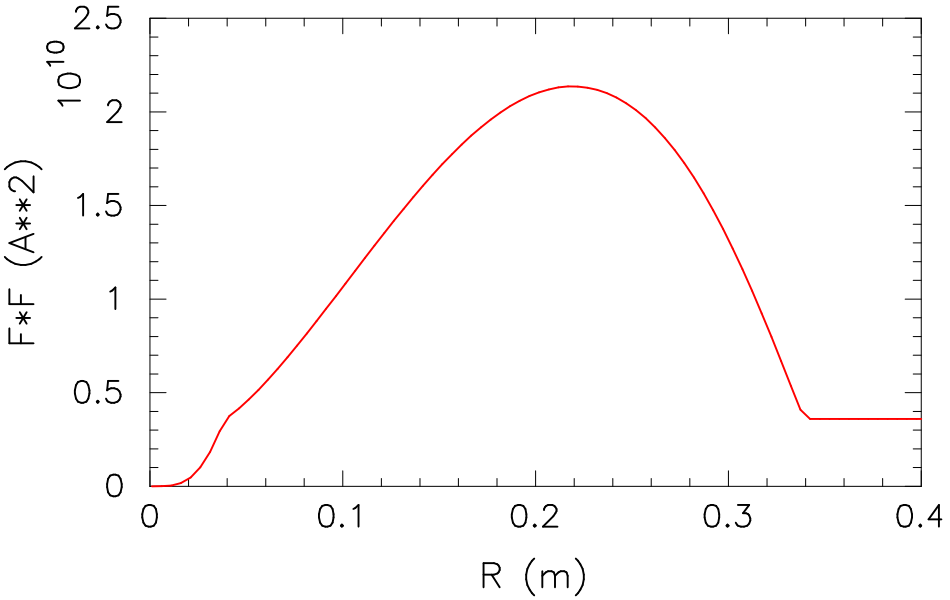
micozzi
16:23
13.Jul.15

Proto-Sphera6 T6









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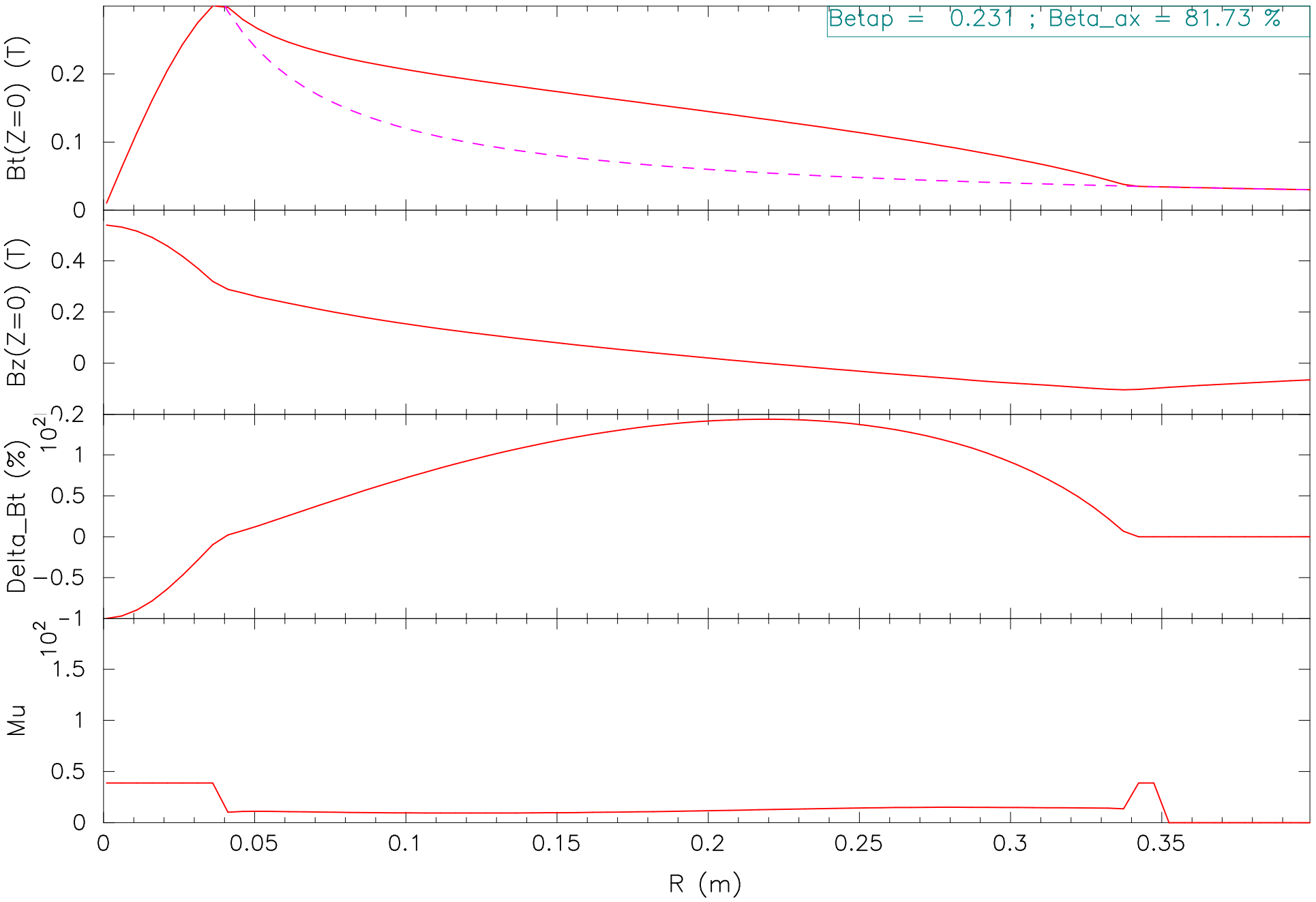
Proto-Sphera6 T6



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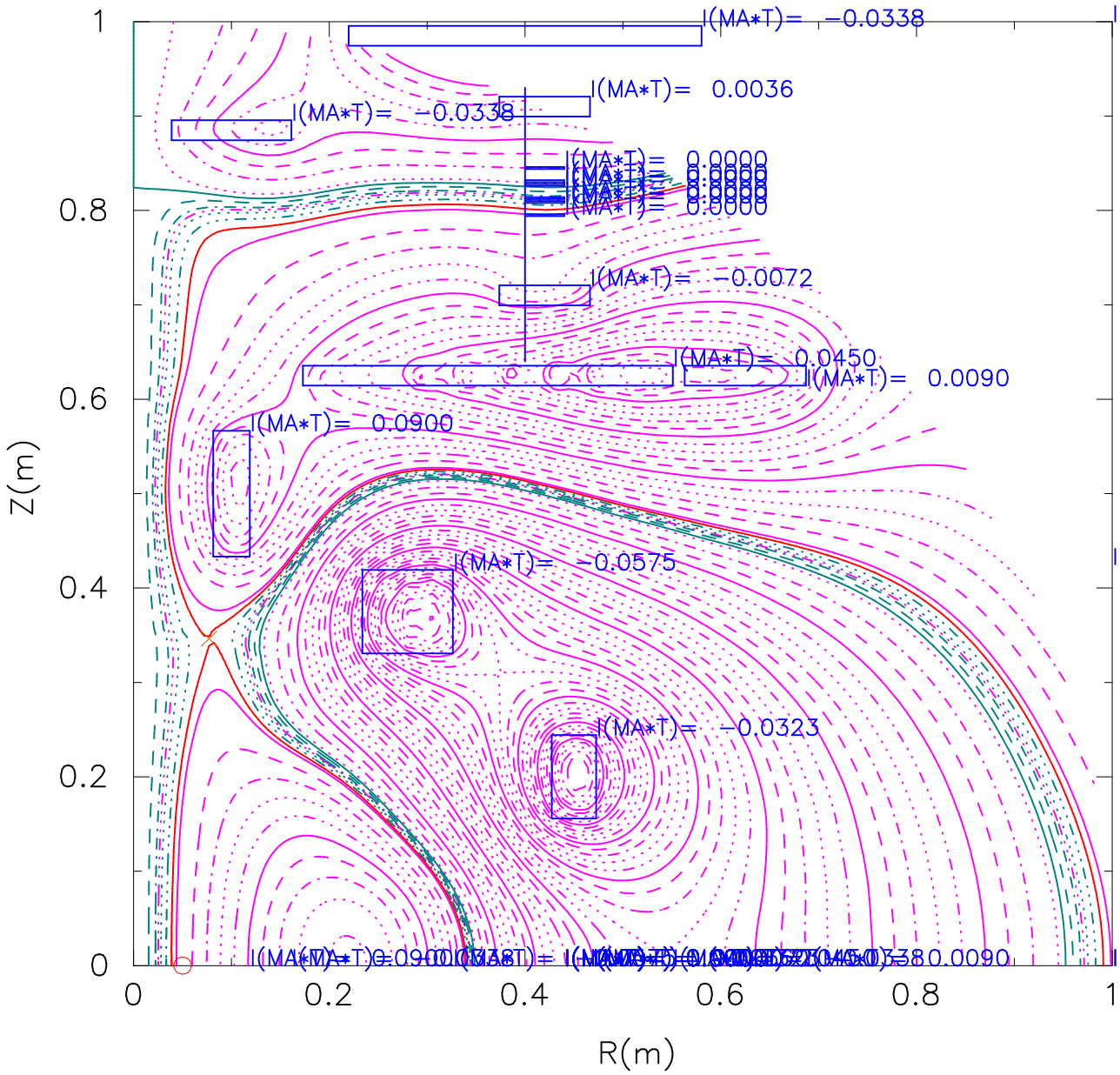
13.Jul.15

Equi Psi



Proto−Sphera6 T6

Ip(A) = 1.80E+05
Ipinc = 3.87E+05
Betap = 0.224
li/2 = 0.145
mu =−0.327
ExpJ = 1.100

Psimax= 0.028110
Psimin= −0.051969
Depsi = 0.001357

R/a = 1.26
b/a = 2.30
Trian = 0.74

Npoints= 1
N_Sph.Harm. = 51

Free Boundary
Checking

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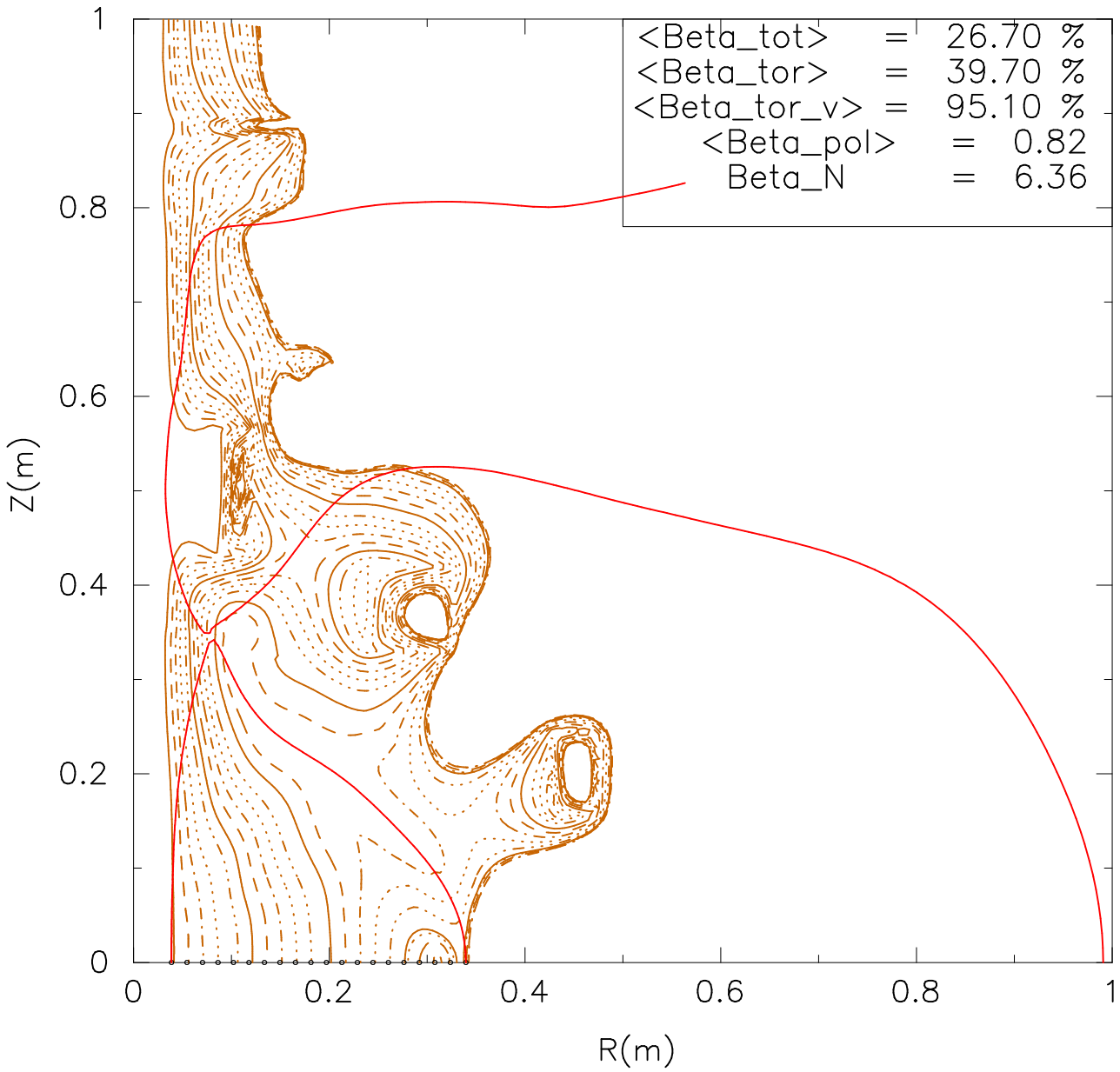
13.Jul.15

Equi Total Field



Proto-Sphera6 T6

Ip(A) = 1.80E+05
Betap = 0.224
li/2 = 0.145
mu =-0.327
ExpJ = 1.100
R/a = 1.26
b/a = 2.30
Trian = 0.74

Npoints= 1
N_Sph.Harm. = 51

B_max(T)= 4.30E-01
B_min(T)= 1.08E-01

Free Boundary
Checking

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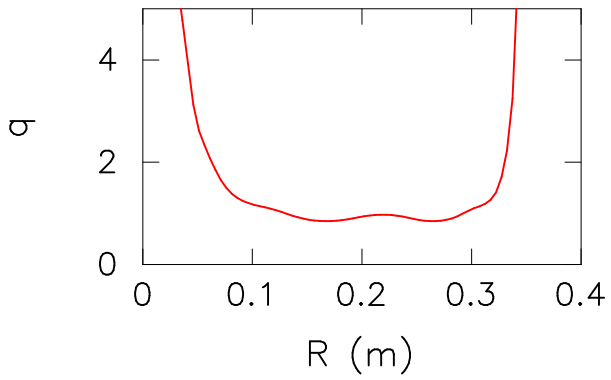
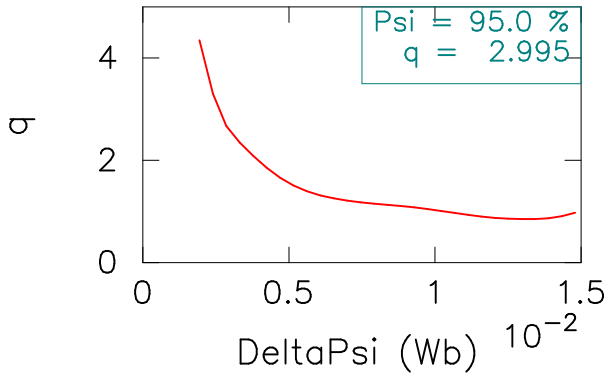
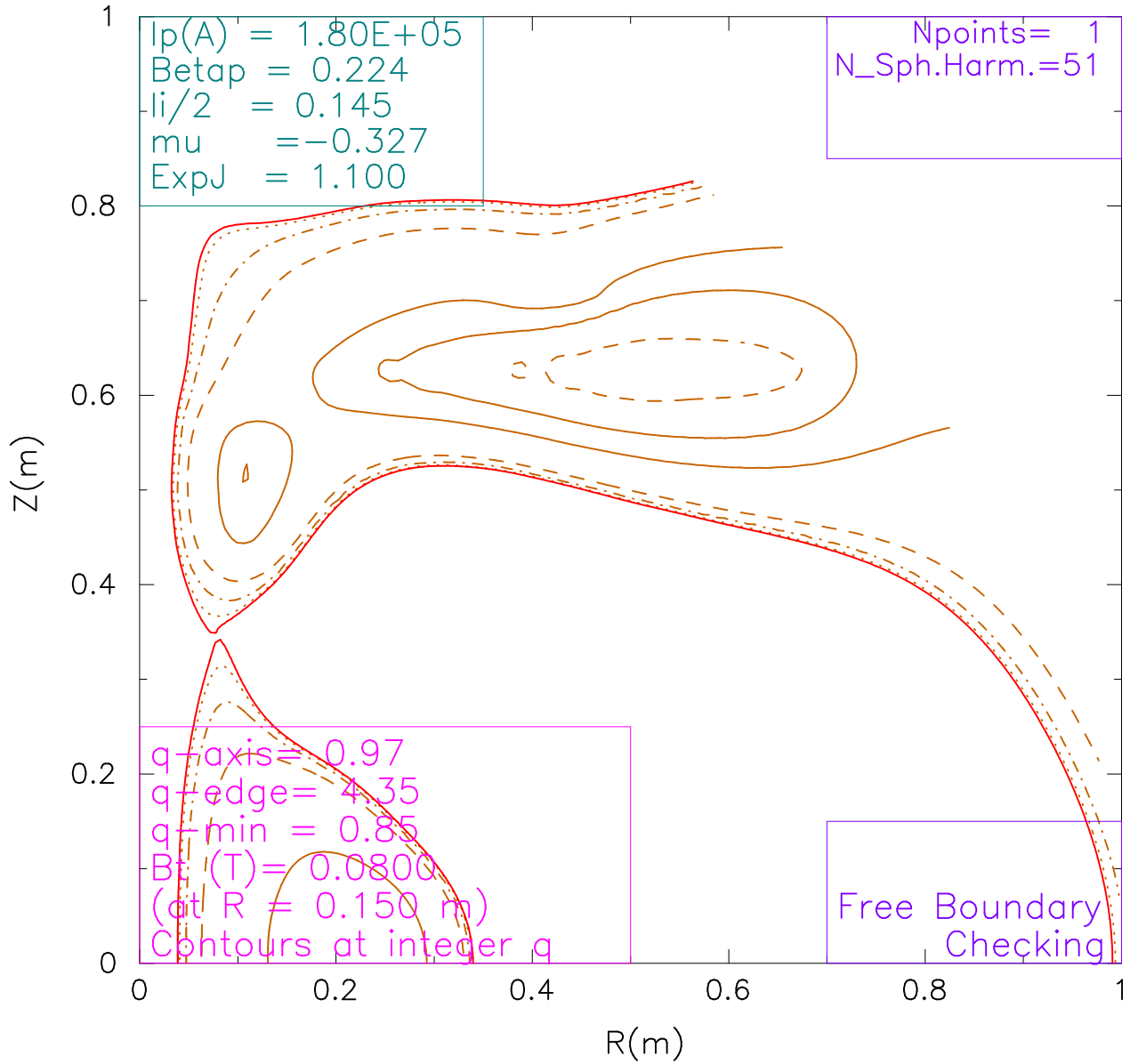
13.Jul.15

Equi q







Proto-Sphera6 T6
R-axis = 0.22 m
Z-axis = 0.00 m

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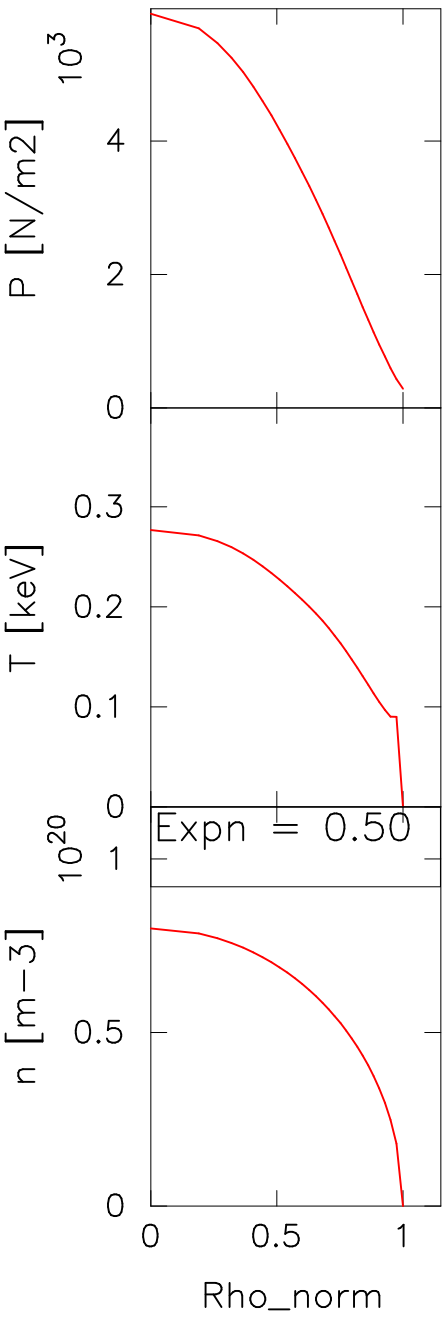
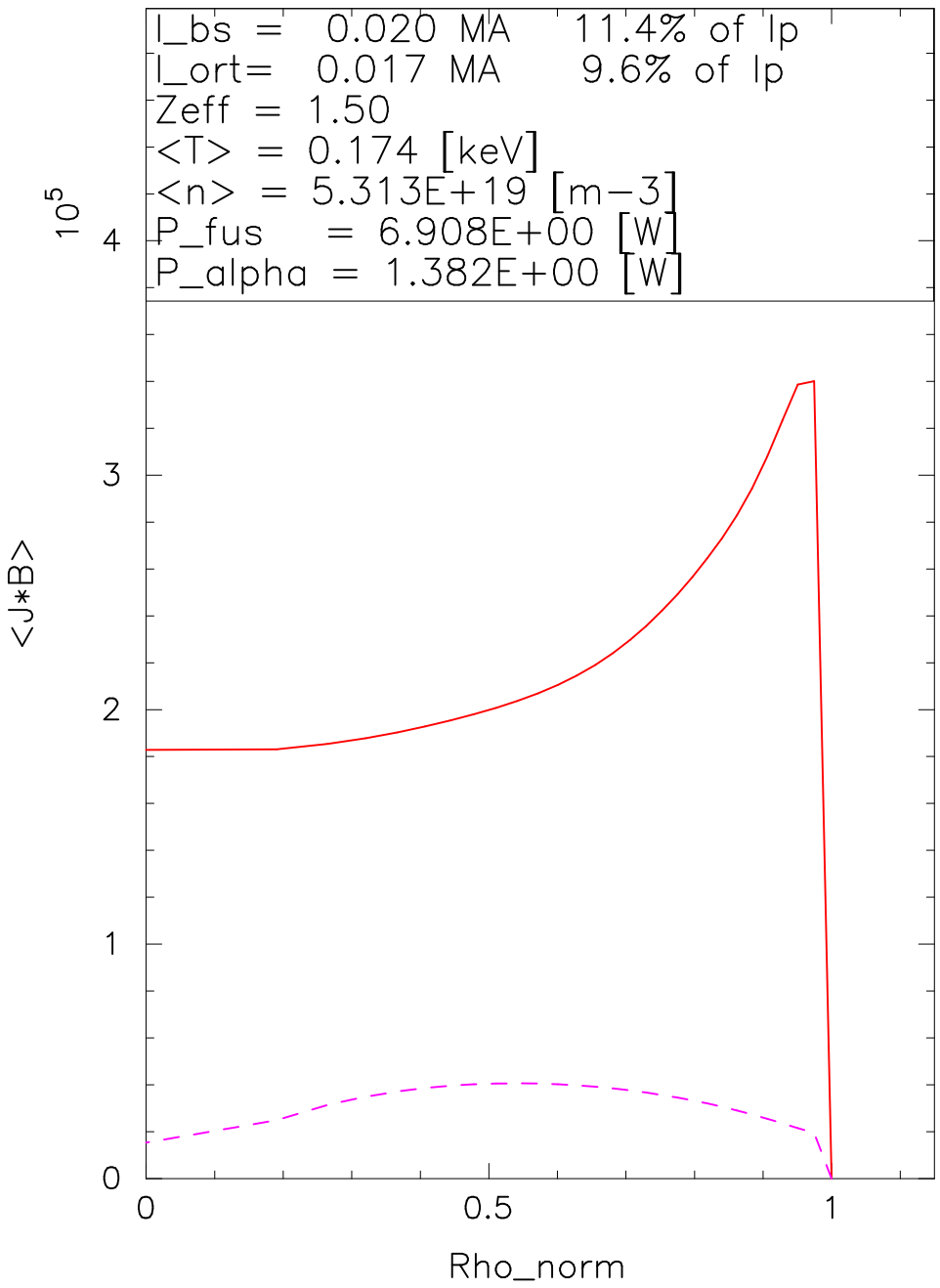
Bootstrap Current (Sauter) -- Run : Proto-Sphera6 T6





Ip[A] = 1.80E+05
Bt[T] = 0.080
Beta_tot = 26.70 %
Beta_N = 6.363
P0/<P> = 2.102
Betap = 0.224
ExpJ = 1.100

R/a = 1.257
b/a = 2.302
Trian = 0.745

q_axis = 0.974
q_edge = 4.347
q(95.%) = 2.995