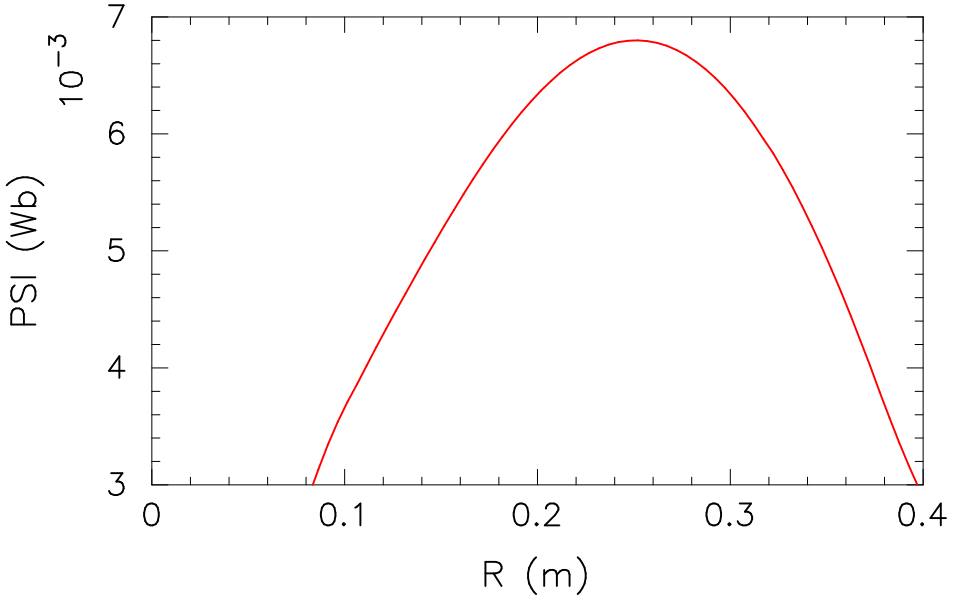
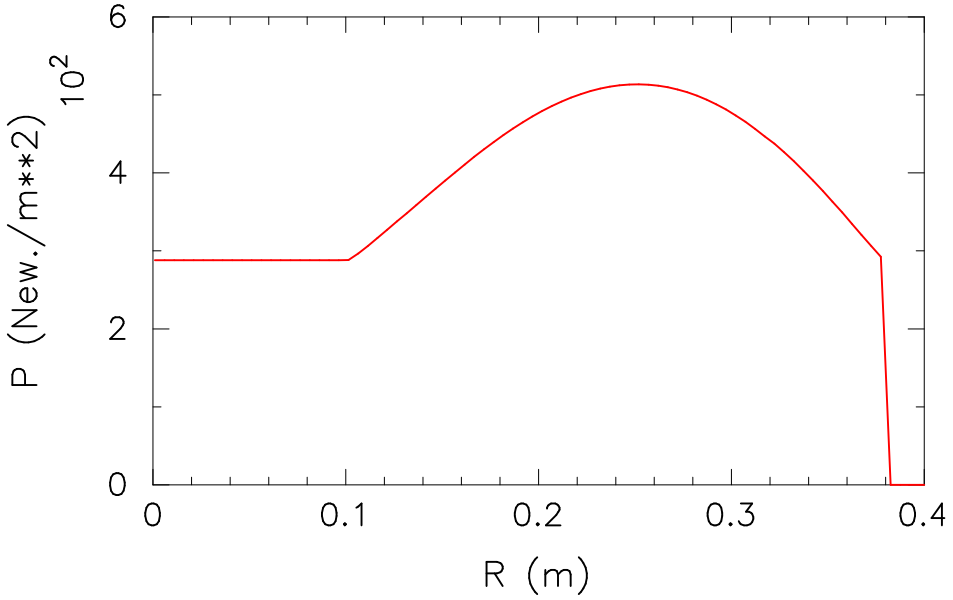
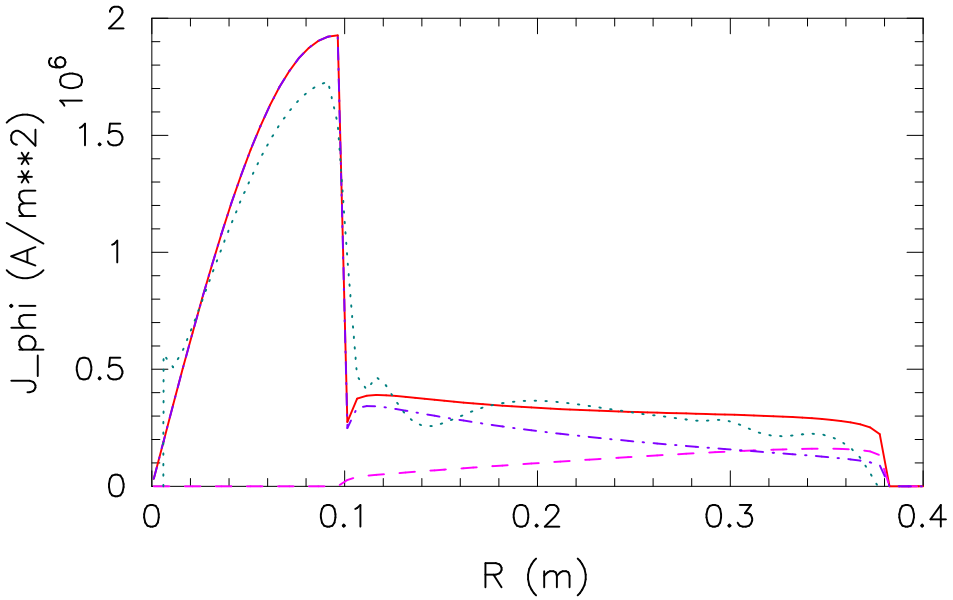
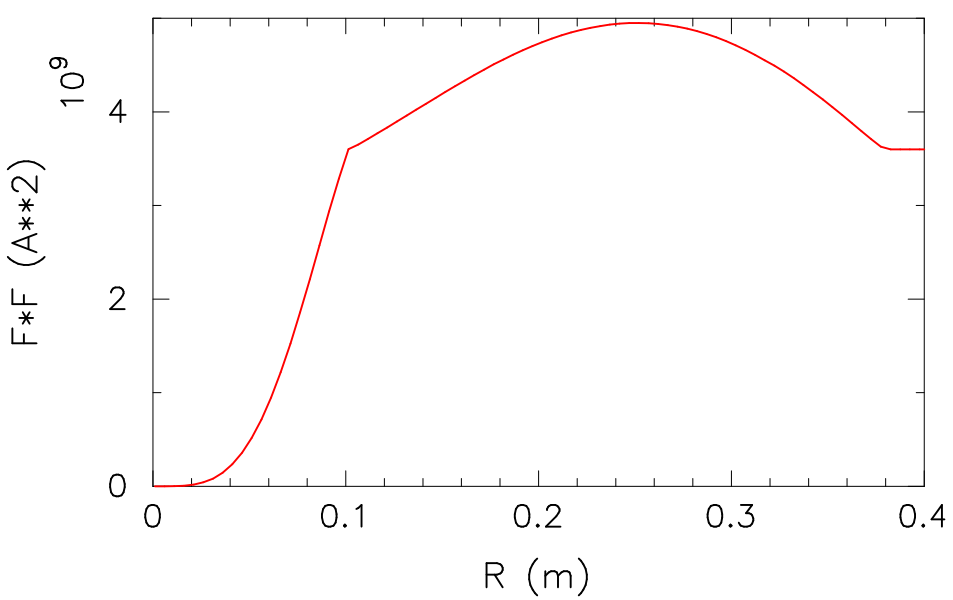
micozzi
16:08
13.Jul.15

Proto-Sphera6 T3









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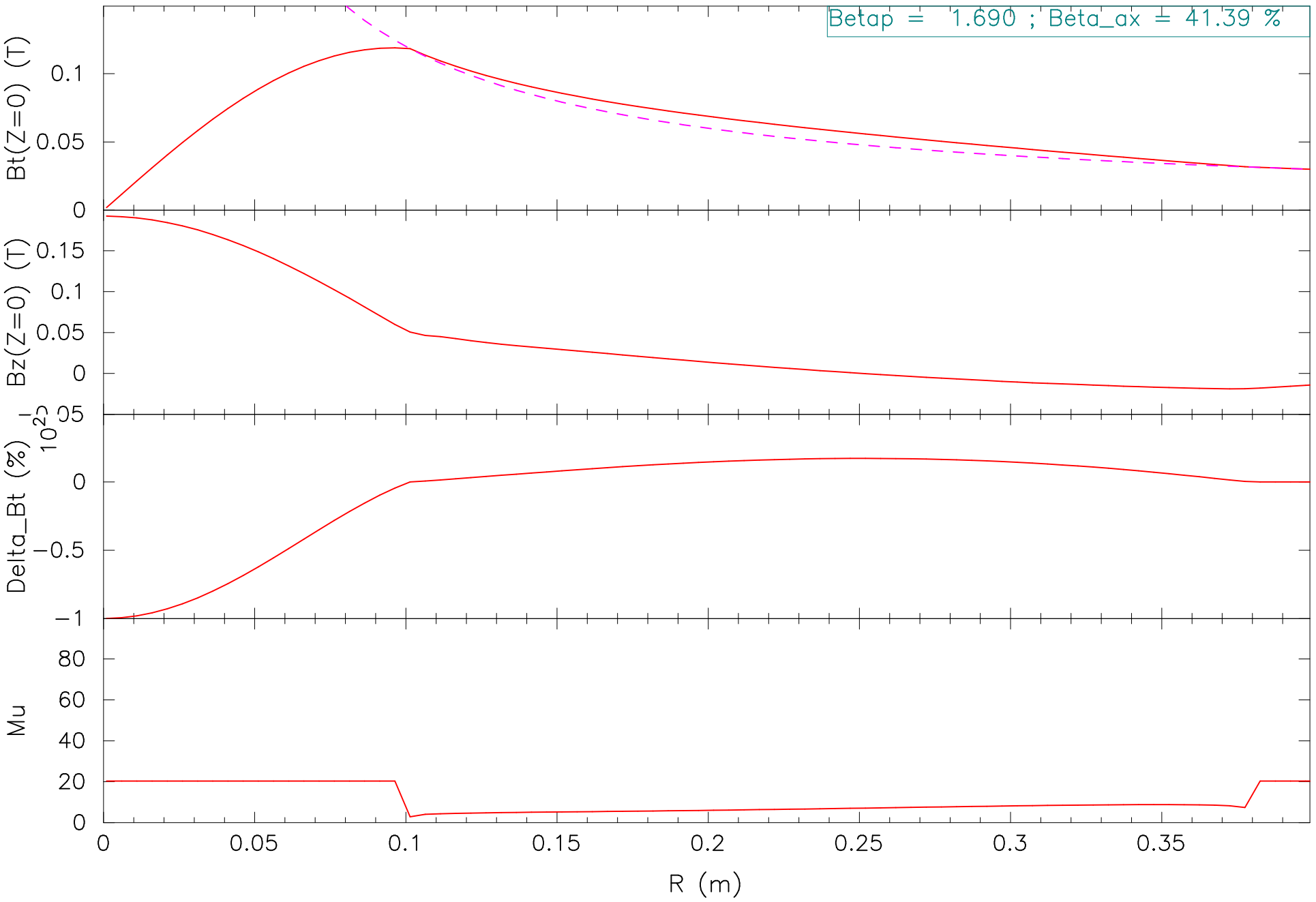
13.Jul.15

Proto-Sphera6 T3



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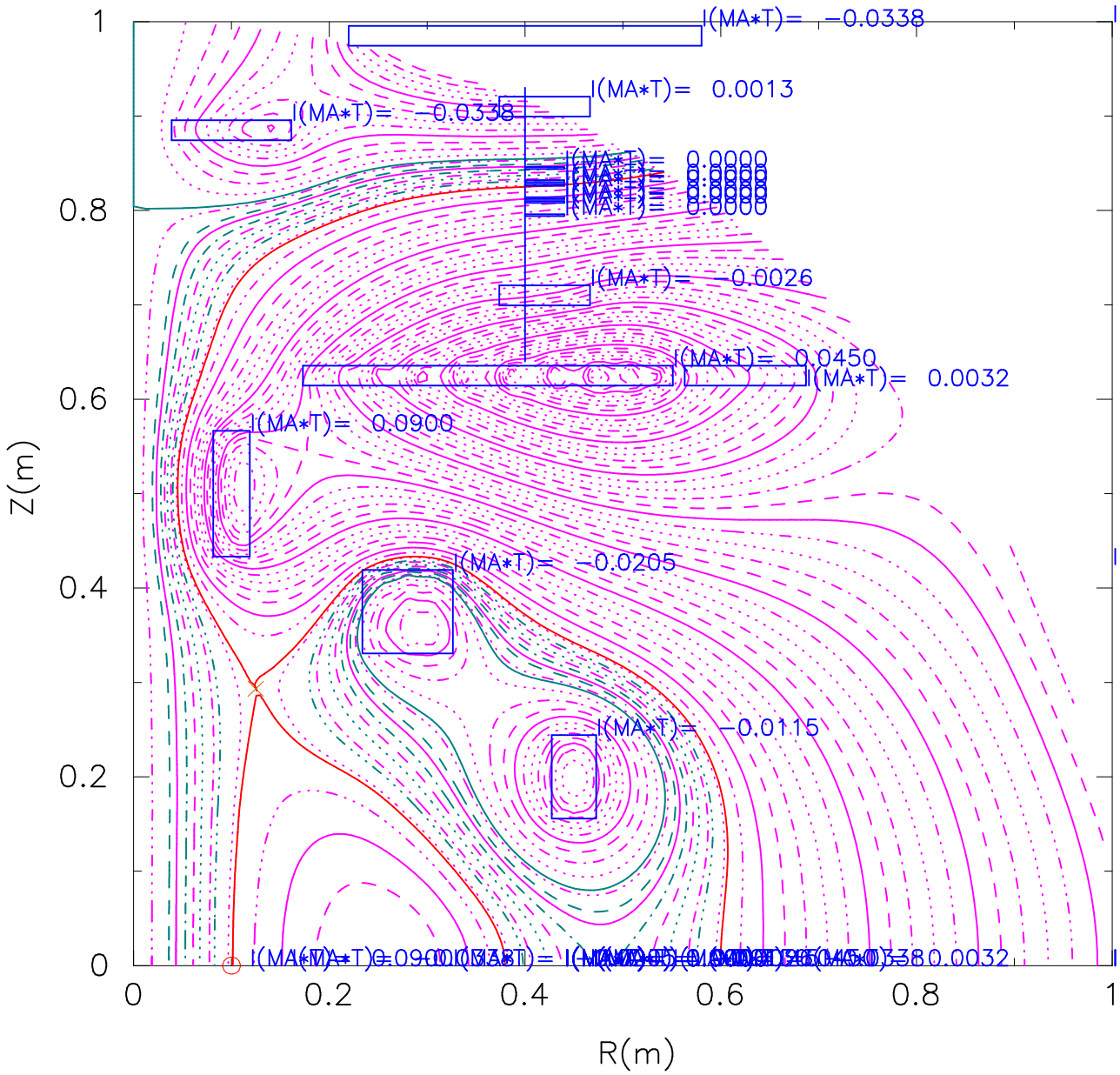
16:08
13.Jul.15

Equi Psi



Proto−Sphera6 T3

Ip(A) = 3.00E+04
Ipinc = 2.04E+05
Betap = 1.155
li/2 = 0.239
mu =−0.572
ExpJ = 1.100

Psimax= 0.037772
Psimin= −0.011480
Depsi = 0.000835

R/a = 1.73
b/a = 2.11
Trian = 0.83

Npoints= 1
N_Sph.Harm. = 51

Free Boundary
Checking

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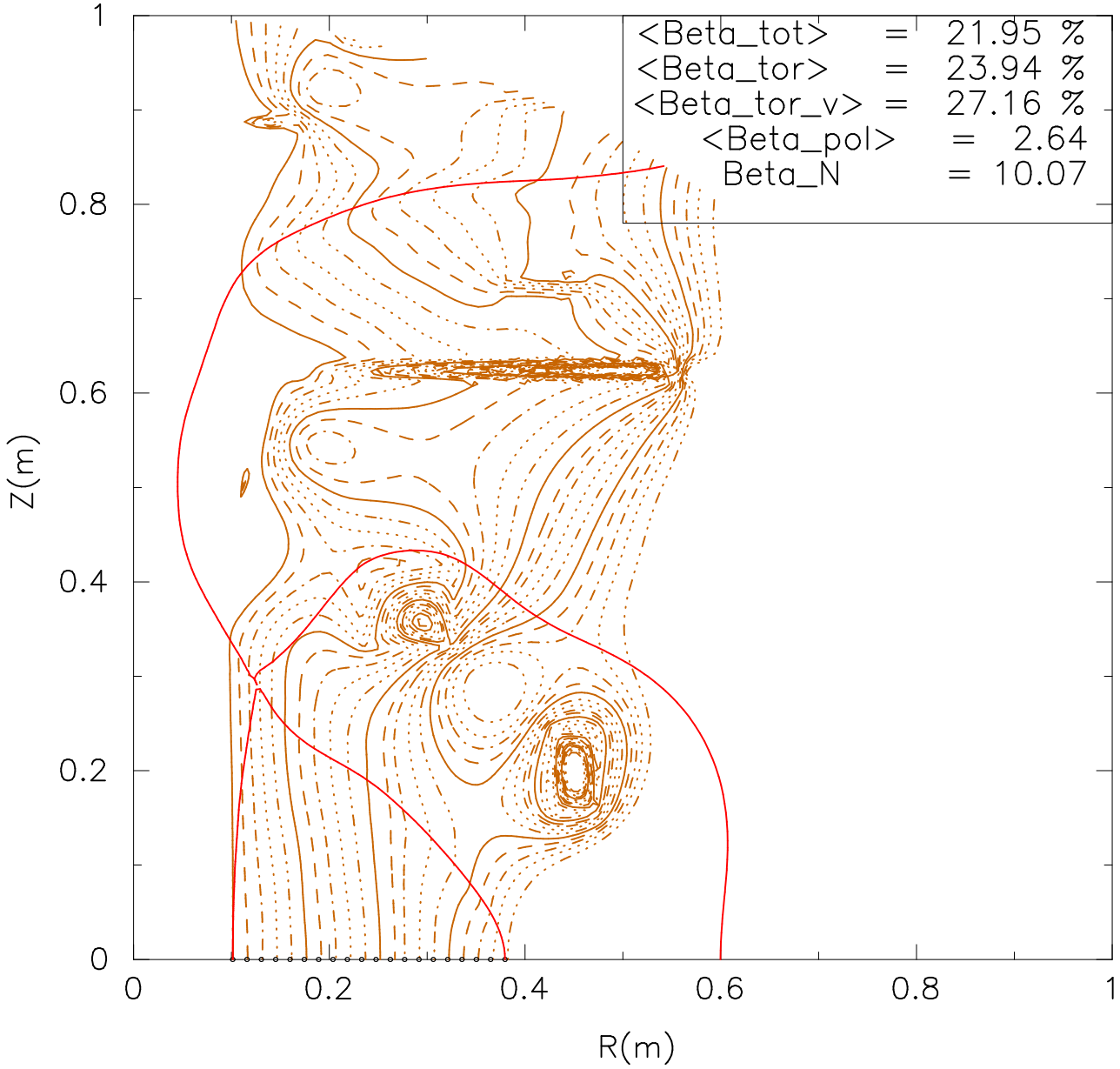
16:12
13.Jul.15

Equi Total Field



Proto-Sphera6 T3

Ip(A) = 3.00E+04
Betap = 1.155
li/2 = 0.239
mu =-0.572
ExpJ = 1.100
R/a = 1.73
b/a = 2.11
Trian = 0.83

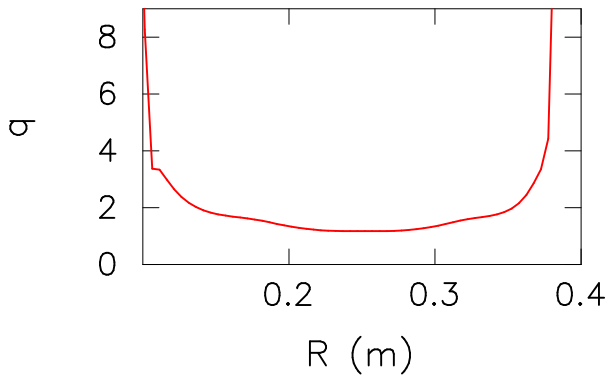
Npoints= 1
N_Sph.Harm. = 51

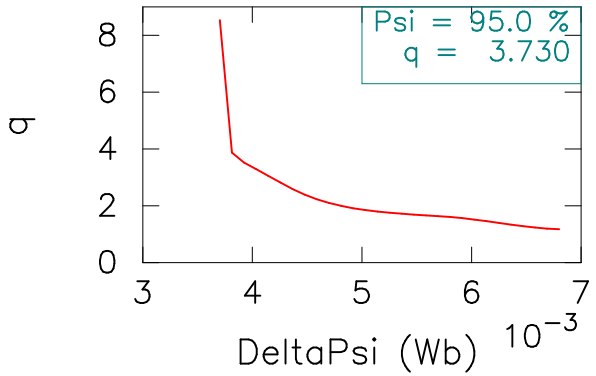
B_max(T)= 1.29E-01
B_min(T)= 3.70E-02

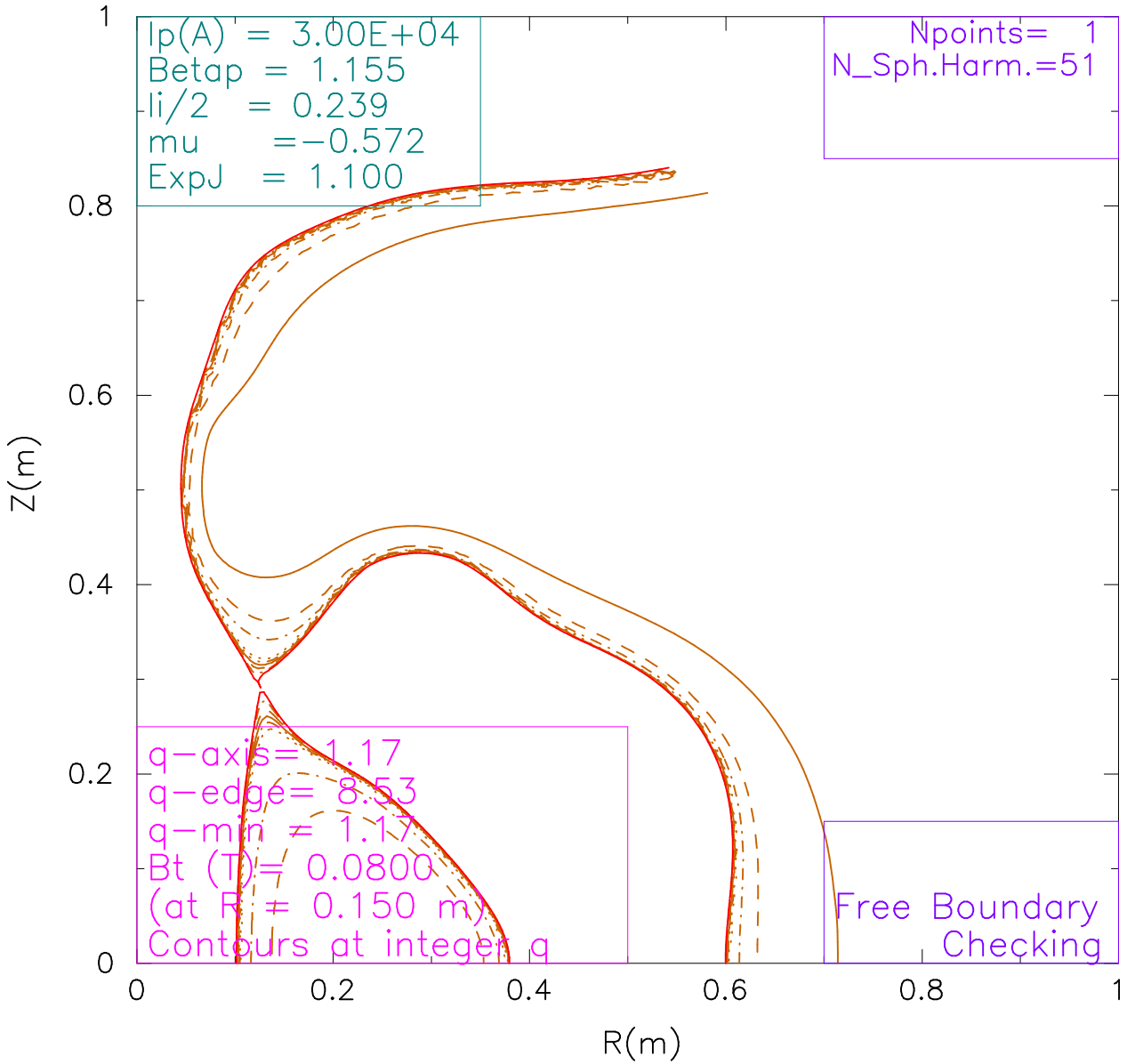
Free Boundary
Checking

micozzi
16:12
13.Jul.15

Equi q







Proto-Sphera6 T3
R-axis = 0.25 m
Z-axis = 0.00 m

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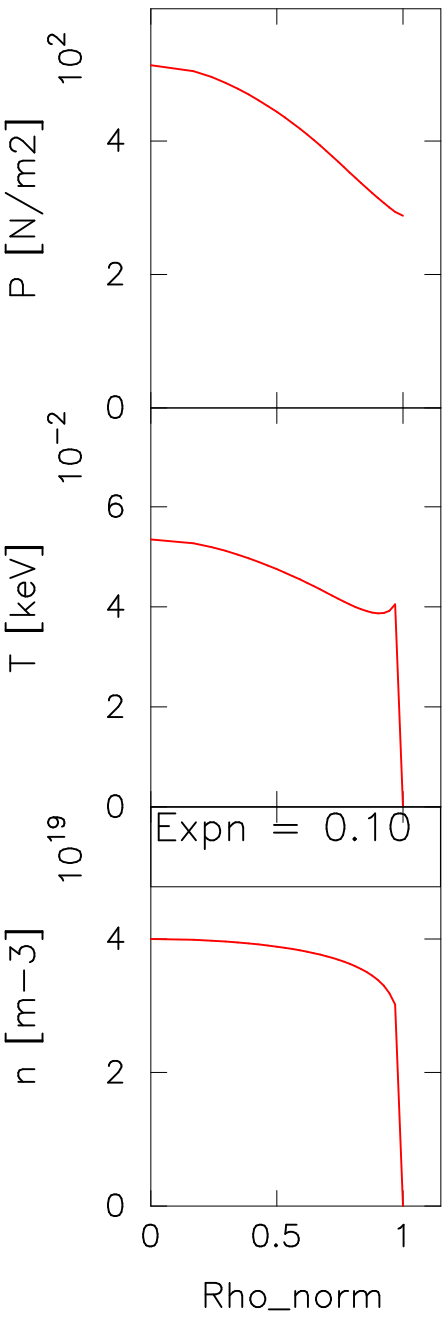
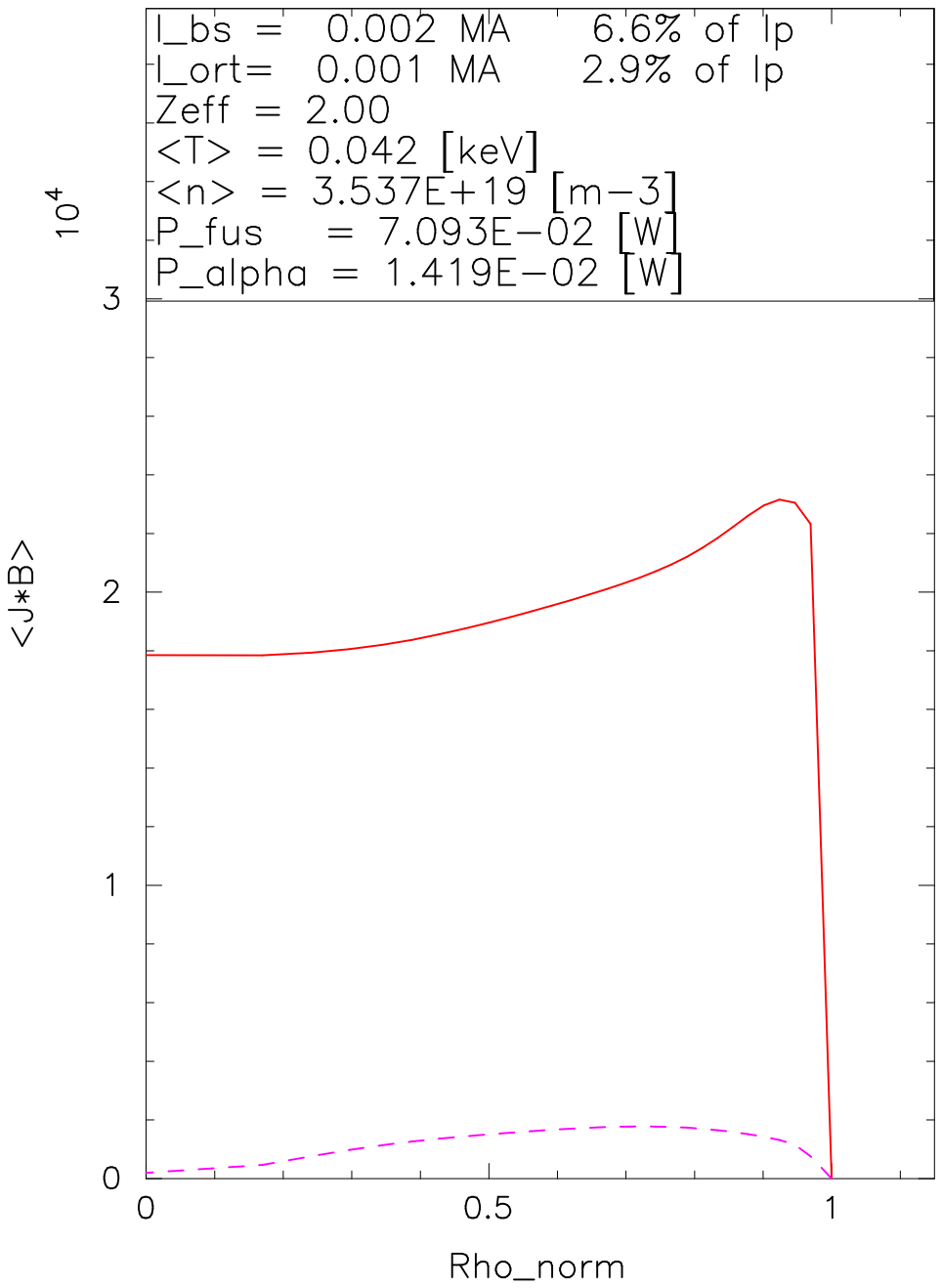
Bootstrap Current (Sauter) -- Run : Proto-Sphera6 T3





Ip[A] = 3.00E+04
Bt[T] = 0.080
Beta_tot = 21.95 %
Beta_N =10.066
P0/<P> = 1.325
Betap = 1.155
ExpJ = 1.100

R/a = 1.728
b/a = 2.108
Trian = 0.831

q_axis = 1.175
q_edge = 8.533
q(95.%) = 3.730