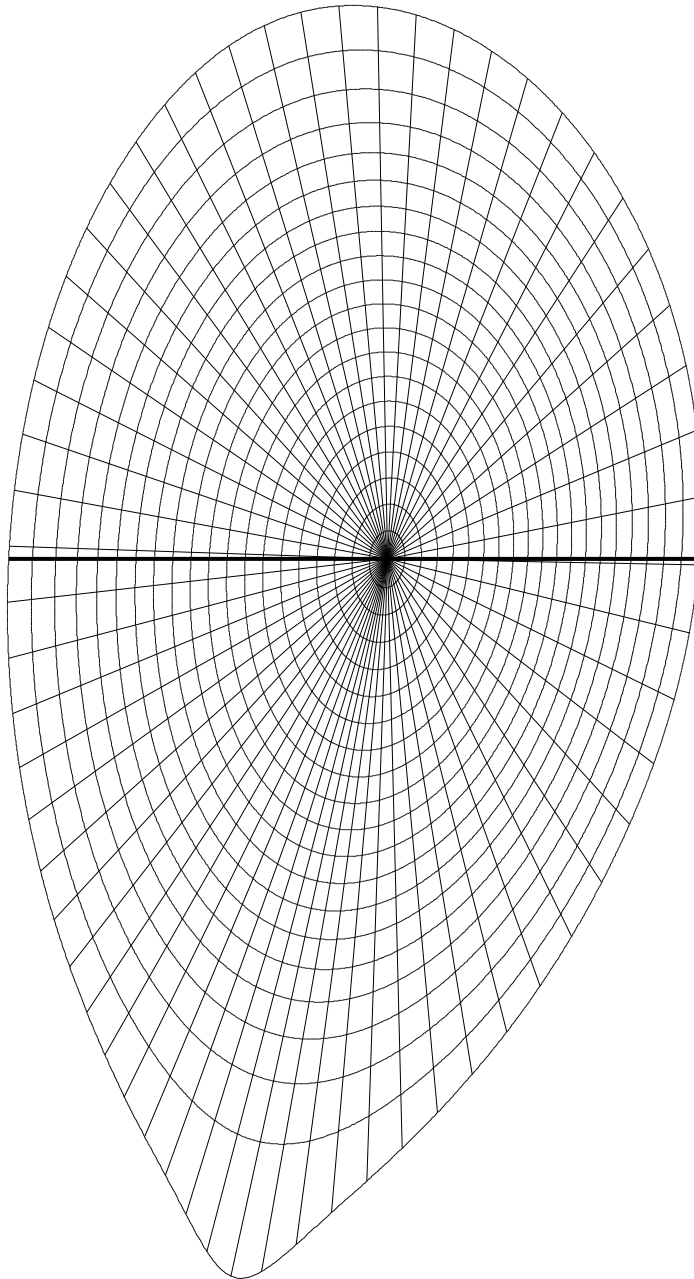




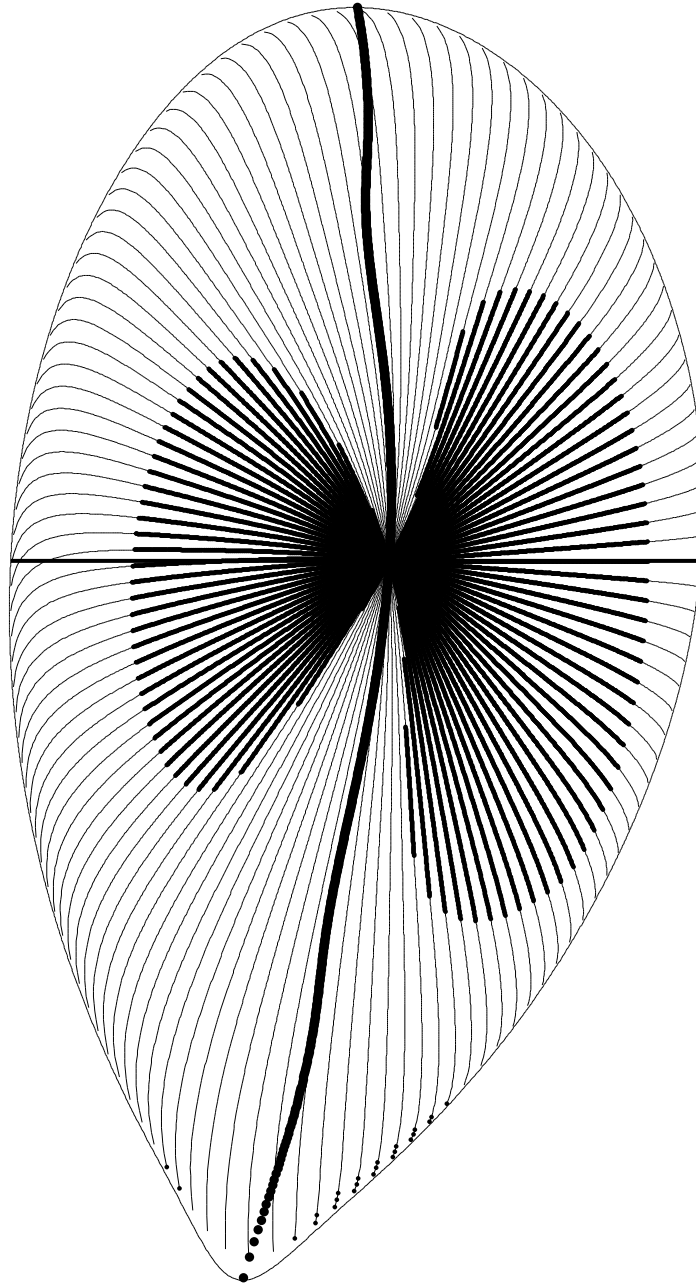
*** AUG for NLEDz EQDSK=g031213.00003.txt
*** tensbnd=-30., ncscal=1, csspec=0., qspec=2.39895701,
*** ns=360, nt=360

*** AUG for NLEDz EQDSK=g031213.00003.txt

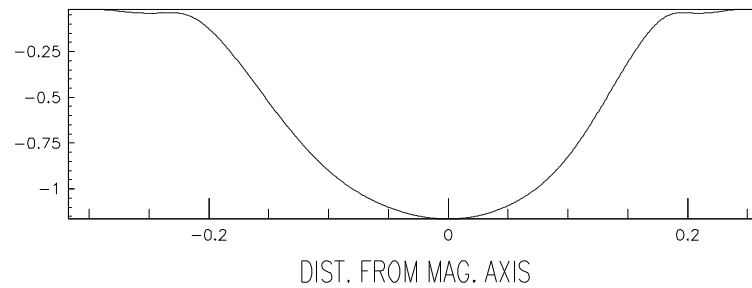
*** tensbnd=-30., ncscal=1, csspec=0., qspec=2.39895701,

*** ns=360, nt=360

PLASMA SURFACE z	NSURF = 6 DELTA = 0.0000 SGMA = 0.0000 AREA = 0.44598	ASPCT = 0.29790 THETA0 = 0.0000 TRIPLT = 0.0000	ELONG = 1.0000 BEANS = 0.0000 RNU = 0.0000	TRIANG = 0.0000 CETA = 0.0000 XI = 0.0000
EQUILIBRIUM SOLUTION z	RMAG = 0.99999 Q0 = 2.3990 TSURF = 0.98987 I-B.S.(0)/I-TOT = 0.15496 CBS1=I.B.S./((G*SQRT(E)) = 0.56929 LI = 0.74978 BETA EXP. = 0.28133 z BETA POL. = 0.19804	ZMAG = 3.95180E-02 QSURF = 7.1400 TOT. CUR. = 0.27818 I-B.S.(NUJ*)/I-TOT = 0.14206 CBS2=F/(BP(1)*SQRT(E)) = 1.1929 LI (G.A.) = 0.90106 G (MA,T,M) = 0.35152 BETA POL. (G.A.) = 0.23800	PSIMIN = -2.64200E-02 QCYL = 3.2065 NORM. CUR. = 0.94335 ION CHARGE = 1.0000 BBS = 4.35938E-02 BETA = 0.26402 z G* (MA,T,M) = 0.60420	PSISCL = 1.0000 TO = 1.0000 IN (MA,T,M) = 0.75108 D(LOG(I))/D(LOG(N)) = 1.5000 CONV. FACT. = 1.2018 BETA* = 0.45380 z G EXP. (MA,T,M) = 0.37457
PROFILES z	NFUNC = 4 NPPFUN = 4 NBSFUN = 1 NTURN = 10 BSFRAC = 0.50000 AT = 0.1000 0.5000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 AT2 = 0.1000 0.5000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 AT3 = 0.1000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 AT4 = 0.000 0.5000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 AP = 0.1000 0.5000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 AP2 = 0.1000 0.5000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 AFBS = 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0. AFBS2 = 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0	NSTTP = 1 NPP = 3 NBSTRP = 1 NPPR = 30	NIPR = 1 PREDEGE = 9.19951E-05 NBLOPT = 0 CFBAL = 1.0000	NSOUR = 2 NBSOPT = 0 NBLCO = 1 CPRESS = 1.0000
MESHES z	R0 = 0.99999 NT = 360 NCHI = 120	Z0 = 3.95593E-02 NISO = 100 NER = 1	EPSLON = 1.00000E-10 NTNOVA = 64 NEGP = -1	NS = 360 NPSI = 359
S-PACKING z	NMESH = 0	SOLPDA = 0.0000	NPOIDA = 0	NDIFPS = 0
I-PACKING z	NMESH = 0	SOLPDB = 0.0000	NPOIDB = 0	
SIGMA-PACKING z	NMESH = 0	SOLPDC = 0.0000	NPOIDC = 0	
THETA-PACKING z	NMESH = 0	SOLPDD = 0.0000	NPOIDD = 0	NDIFT = 1
CHI-PACKING z	NMESH = 0	SOLPDE = 0.0000	NPOIDE = 0	
NORMALIZATION z	NCSCAL = 1 CSSPEC = 0.0000	NTMFO = 1 QSPEC = 2.3990	NRSCAL = 0 CURRT = 0.27395	SCALE = 1.0154



PPRIME



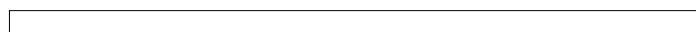
BALLOONING STABILITY

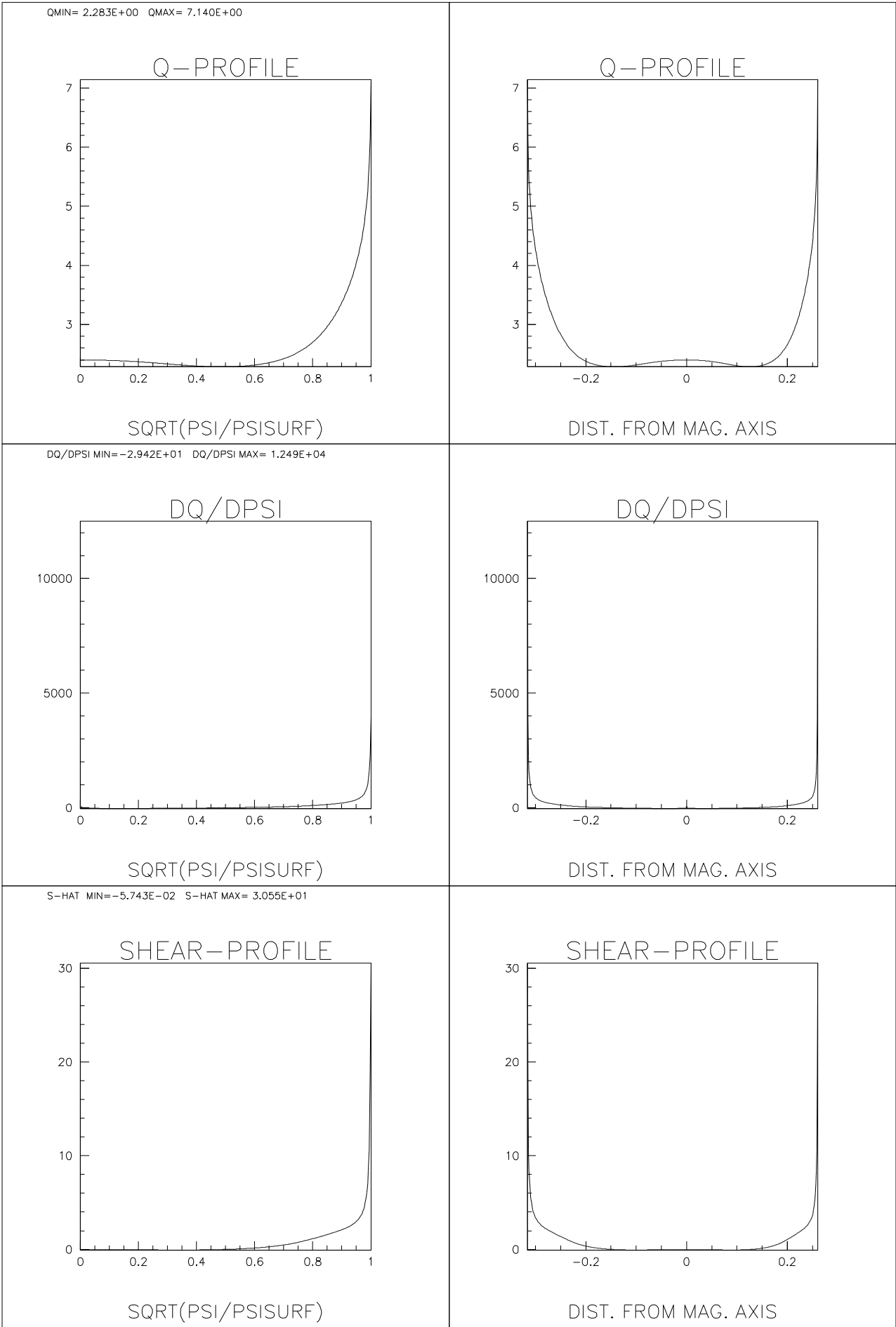


MERCIER STABILITY

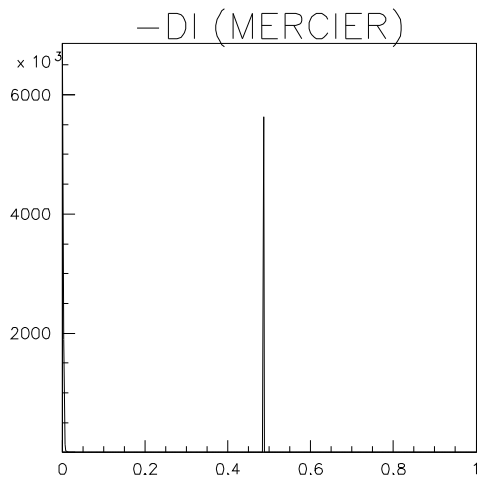


RESISTIVE INTERCHANGE CRITERION



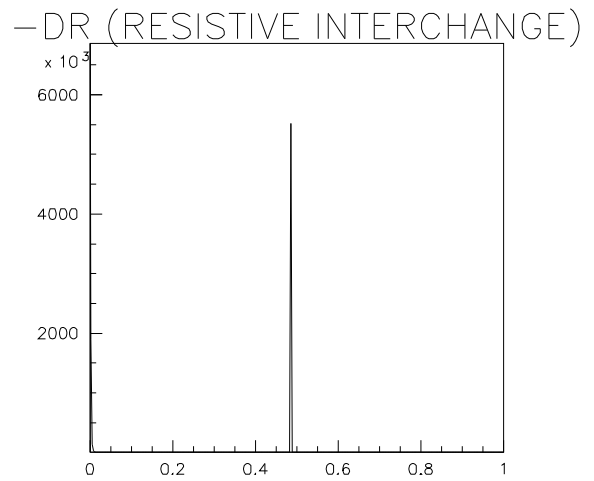


MIN= 2.506E-01 MAX= 6.860E+06



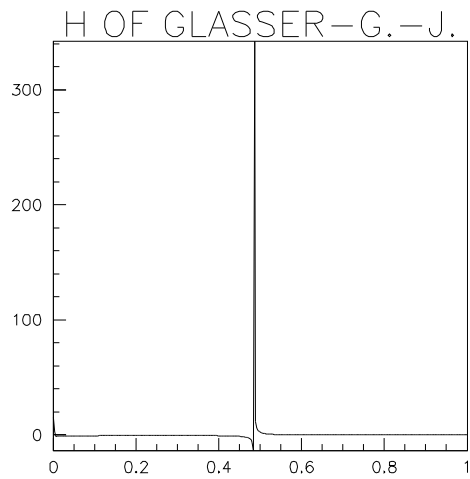
SQRT(PHI/PHISURF)

MIN= 2.806E-03 MAX= 6.860E+06



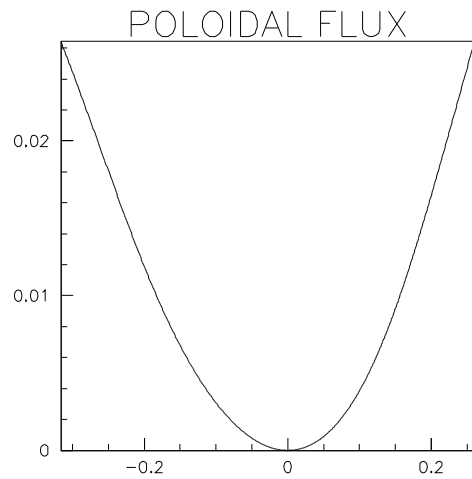
SQRT(PHI/PHISURF)

MIN= -1.341E+01 MAX= 3.420E+02



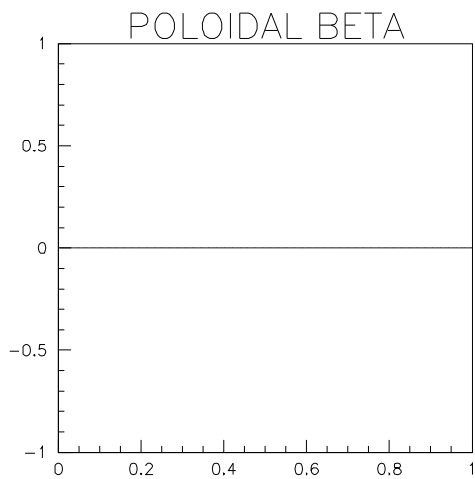
SQRT(PHI/PHISURF)

PSI-MIN= 0.000E+00 PSI-MAX= 2.642E-02

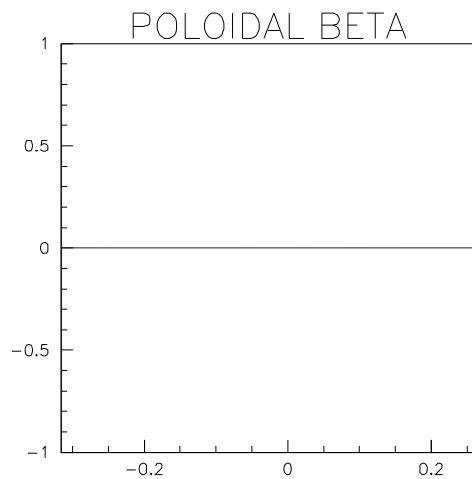


DIST. FROM MAG. AXIS

BETA MIN= 0.000E+00 BETA MAX= 0.000E+00

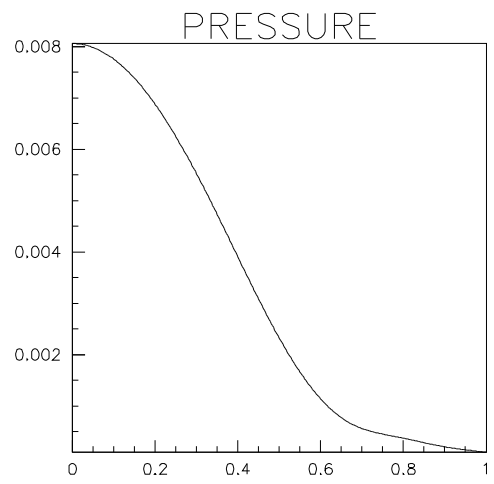


SQRT(PHI/PHISURF)



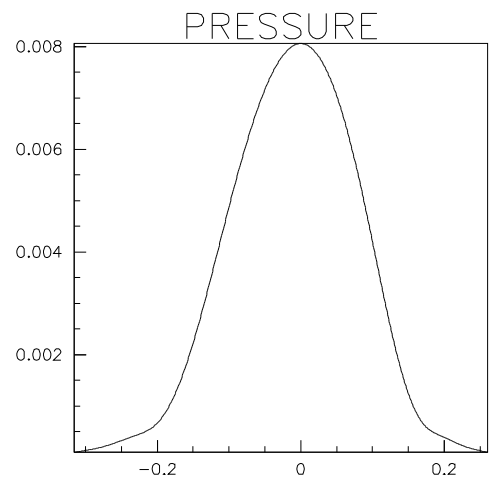
SQRT(PHI/PHISURF)

PMIN= 9.484E-05 PMAX= 8.056E-03



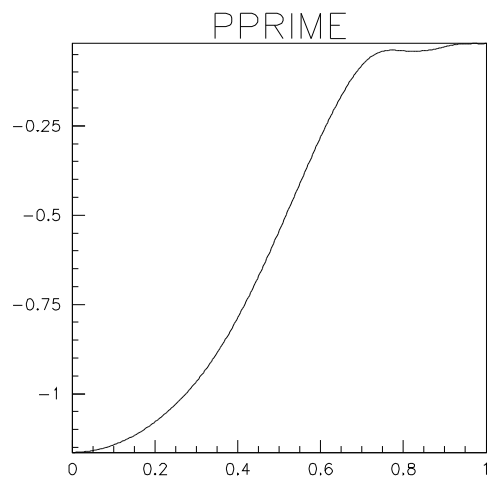
SQRT(Psi/PsiSURF)

RMIN= -3.162E-01 RMAX= 2.604E-01

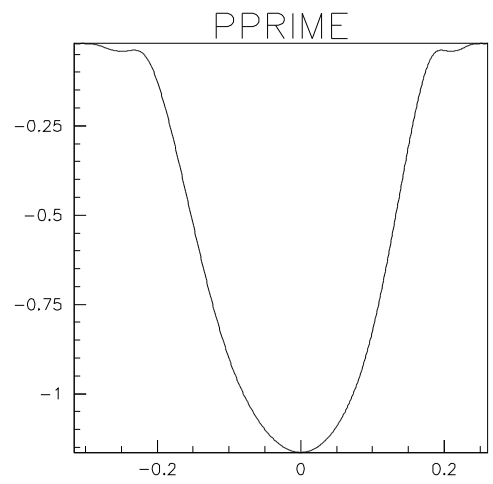


DIST. FROM MAG. AXIS

PPMIN= -1.164E+00 PPMAX= -1.971E-02

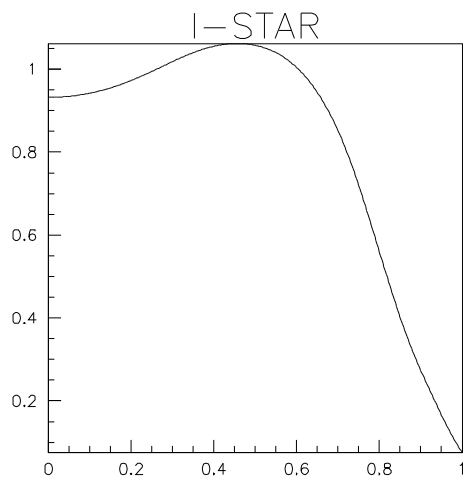


SQRT(Psi/PsiSURF)

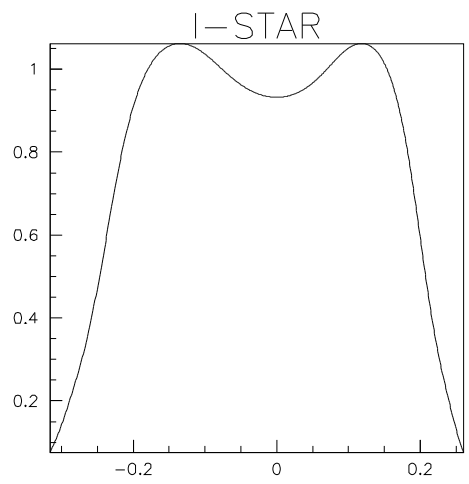


DIST. FROM MAG. AXIS

I*MIN= 7.570E-02 I*MAX= 1.062E+00

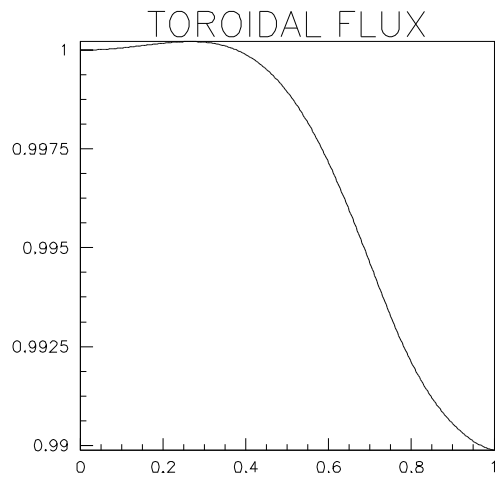


SQRT(Psi/PsiSURF)



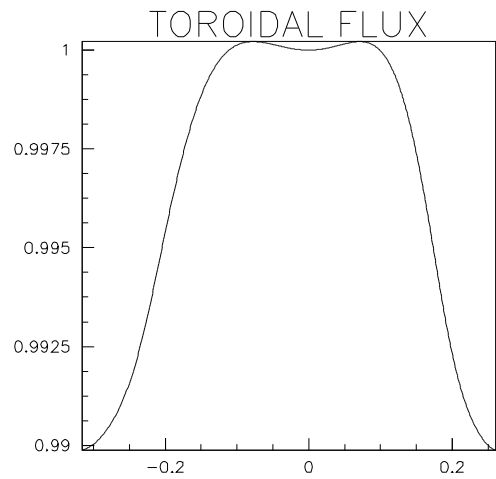
DIST. FROM MAG. AXIS

TMIN= 9.899E-01 TMAX= 1.000E+00



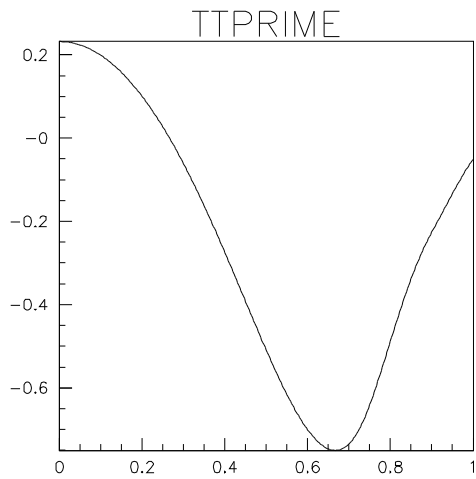
SQRT(Psi/PsiSurf)

RMIN= -3.162E-01 RMAX= 2.604E-01

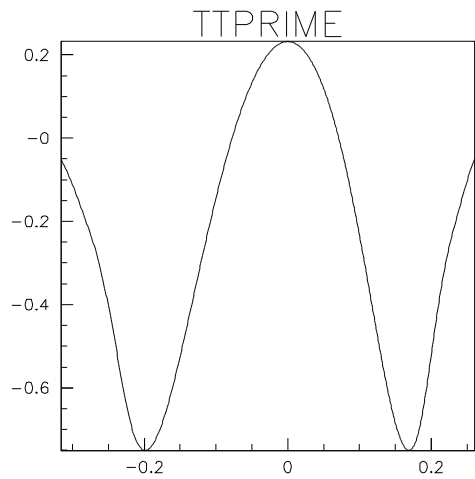


DIST. FROM MAG. AXIS

TTMIN= -7.503E-01 TTMAX= 2.319E-01

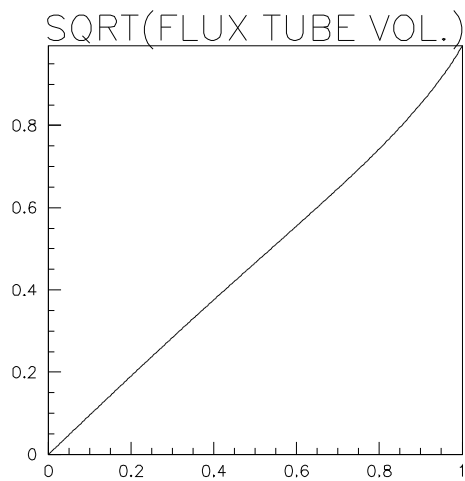


SQRT(Psi/PsiSurf)

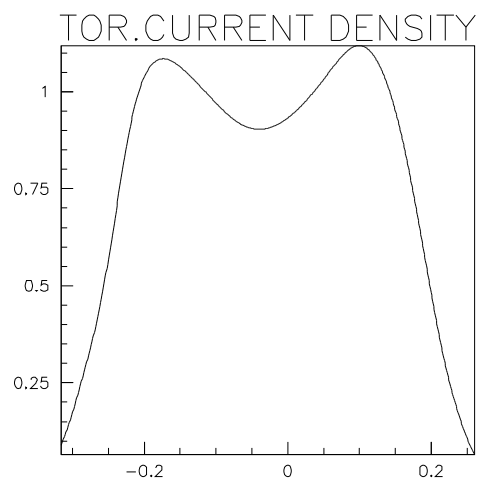


DIST. FROM MAG. AXIS

JMIN= 6.547E-02 JMAX= 1.119E+00

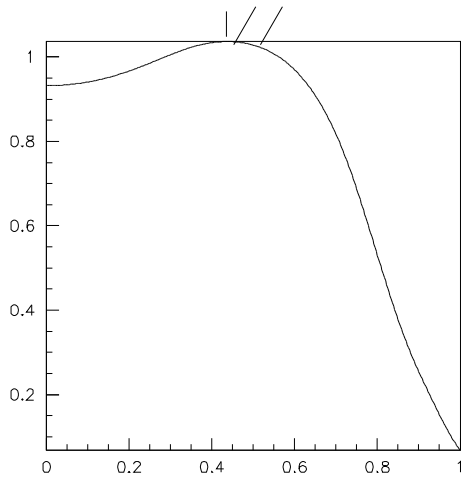


(S SURFACE INDEX)/NPSI

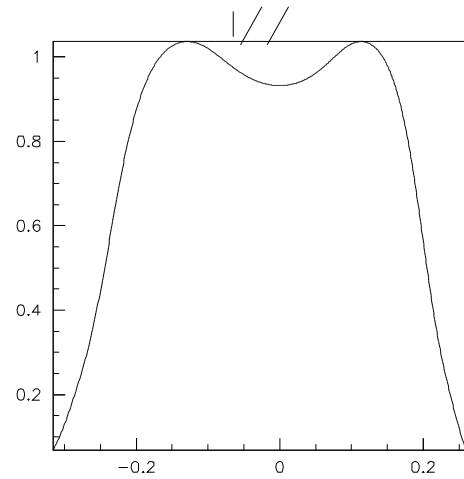


DIST. FROM MAG. AXIS

JBMIN= 6.747E-02 JBMAX= 1.037E+00

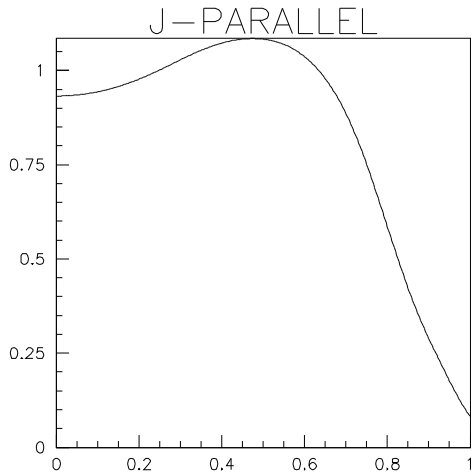


$\sqrt{\Psi/\Psi_{\text{SURF}}}$

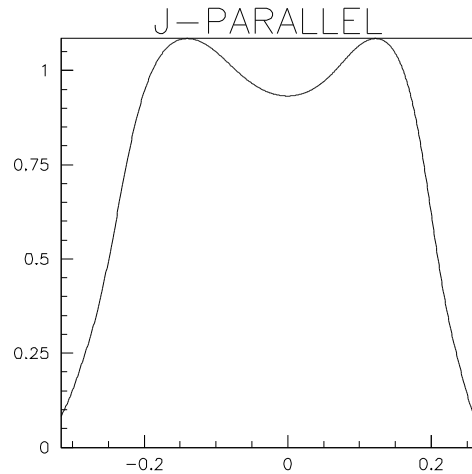


DIST. FROM MAG. AXIS

JPMIN= 0.000E+00 JPMAX= 1.085E+00



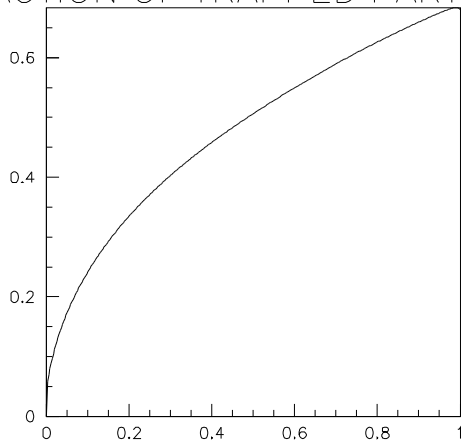
$\sqrt{\Psi/\Psi_{\text{SURF}}}$



DIST. FROM MAG. AXIS

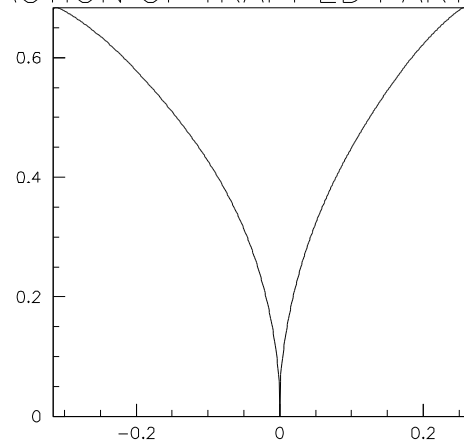
TRMIN= 0.000E+00 TRMAX= 6.838E-01

FRACTION OF TRAPPED PARTICLES



$\sqrt{\Psi/\Psi_{\text{SURF}}}$

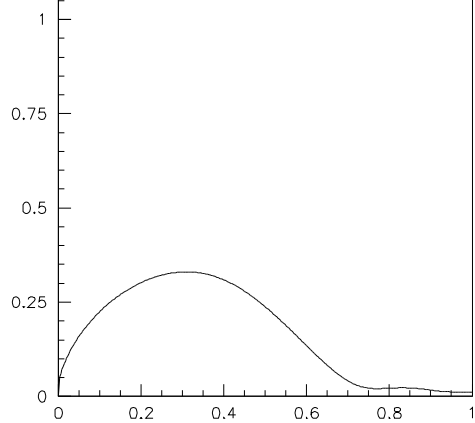
FRACTION OF TRAPPED PARTICLES



DIST. FROM MAG. AXIS

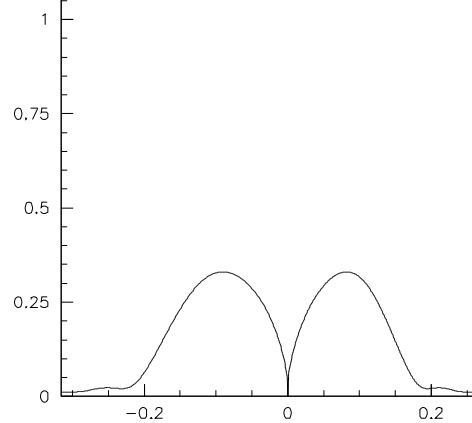
BS1MIN= 0.000E+00 BS1MAX= 0.000E+00

BS—CURRENT (SAUTER,0 COLL.)



SQRT(Psi/PsiSURF)

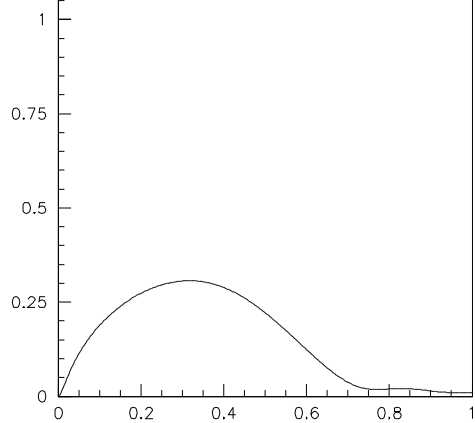
BS—CURRENT (SAUTER,0 COLL.)



DIST. FROM MAG. AXIS

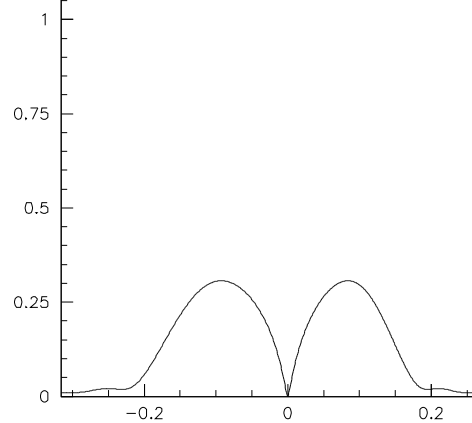
BS2MIN= 0.000E+00 BS2MAX= 0.000E+00

BS—CURRENT (SAUTER)



SQRT(Psi/PsiSURF)

BS—CURRENT (SAUTER)



DIST. FROM MAG. AXIS

