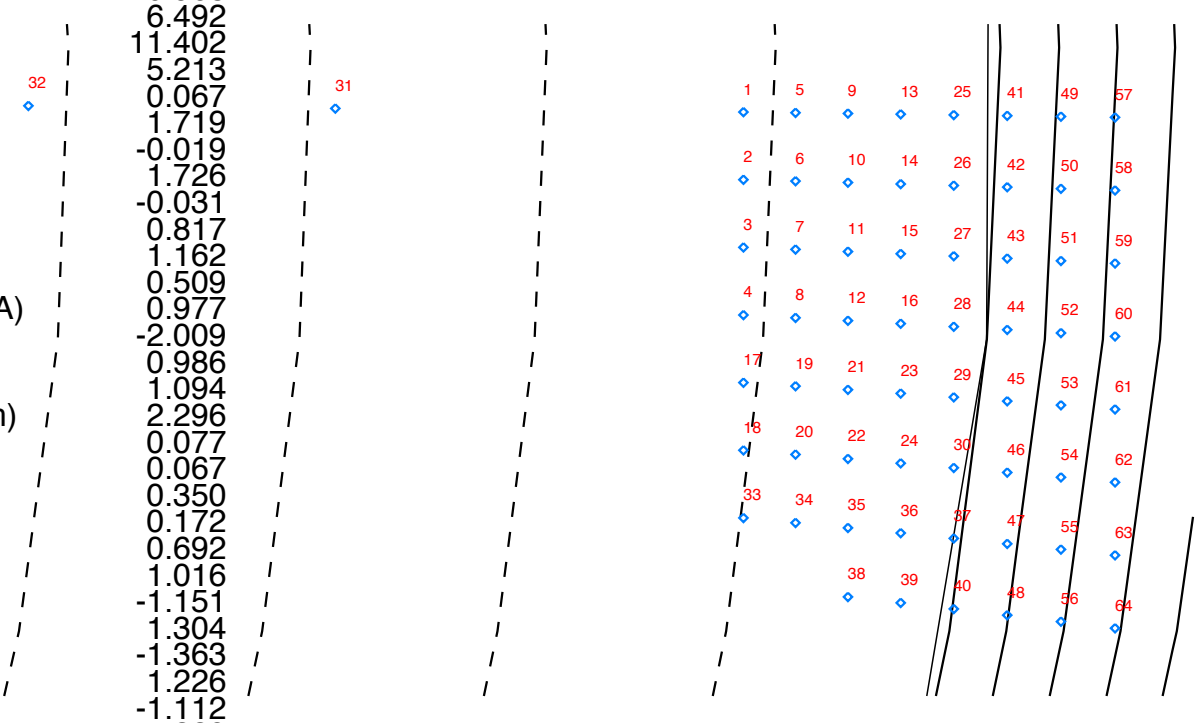
EFIT Results

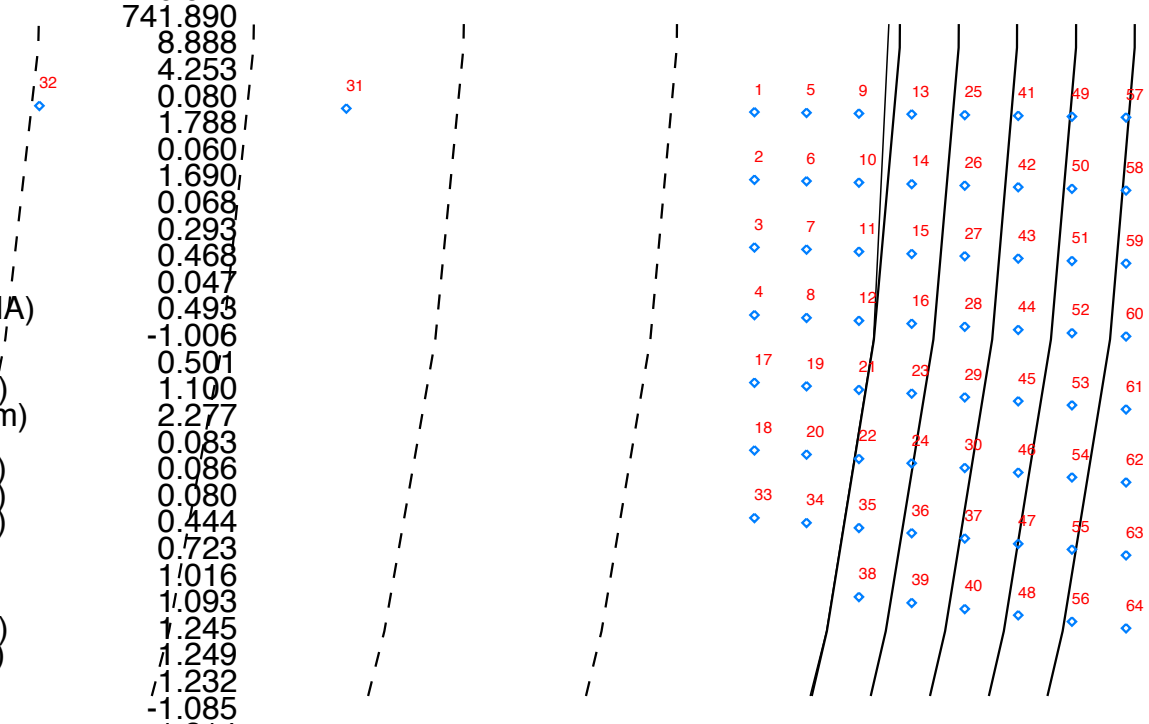
shot	142294	time	2520.00
chi**2	11.255	sqfid	0.106
Rout(m)	1.696	sqfiu	0.418
Zout(m)	-0.100	sqfod	0.336
a(m)	0.602	sqfou	0.320
elong	1.680	sqlid	-0.527
utri	0.362	sqliu	0.007
ltri	0.779	sqlod	-0.134
indent	0.000	sqlou	-0.160
V (m**3)	18.175		
A (m**2)	1.772		
W (MJ)	0.486		
betaT(%)	1.110		
betaP	0.780		
betaN	1.363		
In	0.814		
Li	1.206		
Li3	0.968		
error(e-4)	6.492		
q1	11.402		
q95	5.213		
dsep(m)	0.067		
Rm(m)	1.719		
Zm(m)	-0.019		
Rc(m)	1.726		
Zc(m)	-0.031		
betaPd	0.817		
betaTd	1.162		
Wdia(MJ)	0.509		
Ipmeas(MA)	0.977		
BT(0)(T)	-2.009		
Ipfit(MA)	0.986		
Rmidin(m)	1.094		
Rmidout(m)	2.296		
gapin(m)	0.077		
gapout(m)	0.067		
gaptop(m)	0.350		
gapbot(m)	0.172		
Zts(m)	0.692		
Rvsin(m)	1.016		
Zvsin(m)	-1.151		
Rvsout(m)	1.304		
Zvsout(m)	-1.363		
Rsep1(m)	1.226		
Zsep1(m)	-1.112		
Rsep2(m)	1.229		
Zsep2(m)	1.106		
psib(Vs/R)	-0.019		
elongm	1.377		
qm	2.434		
nev1(e19)	5.146		
nev2(e19)	5.735		
nev3(e19)	5.836		
ner0(e19)	6.142		
n/nc	-0.531		
dRsep	-0.023		
tflux	-3.840		
tchimls	0.927		
twagap(cm)	0.350		
qmin	0.106		
rhoqmin			
sqfid			



MDSplus, shot = 142294, run = EFIT02, time = 2520.00

EFIT Results

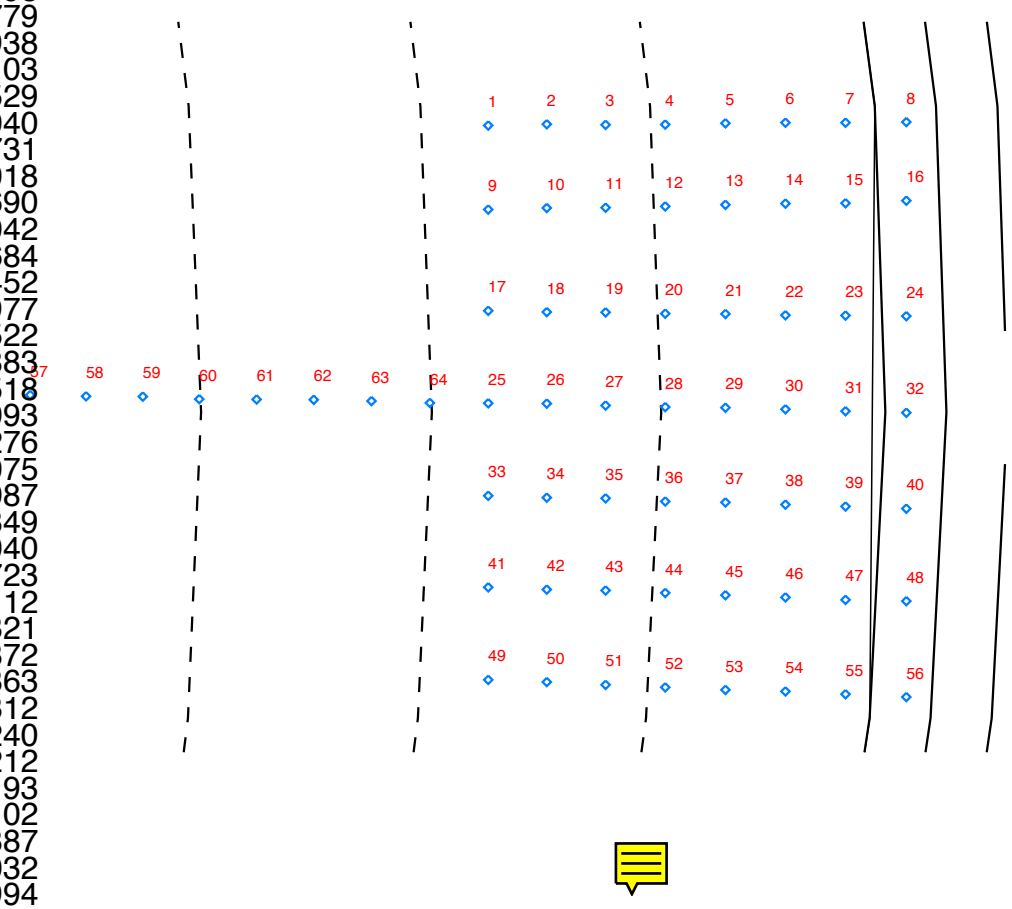
shot	142300	time	695.000
chi**2	9.175	sqfid	0.381
Rout(m)	1.689	sqfiu	-0.130
Zout(m)	0.167	sqfod	0.391
a(m)	0.590	sqfou	0.305
elong	1.618	sqlid	-0.057
utri	0.806	sqliu	-0.929
ltri	0.179	sqlod	-0.040
indent	0.000	sqlou	-0.186
V (m**3)	16.640		
A (m**2)	1.610		
W (MJ)	0.047		
betaT(%)	0.465		
betaP	0.291		
betaN	0.553		
li	0.842		
Li	1.130		
Li3	0.912		
error(e-4)	741.890		
q1	8.888		
q95	4.253		
dsep(m)	0.080		
Rm(m)	1.788		
Zm(m)	0.060		
Rc(m)	1.690		
Zc(m)	0.068		
betaPd	0.293		
betaTd	0.468		
Wdia(MJ)	0.047		
Ipmeas(MA)	0.493		
BT(0)(T)	-1.006		
Ipfit(MA)	0.501		
Rmidin(m)	1.100		
Rmidout(m)	2.277		
gapin(m)	0.083		
gapout(m)	0.086		
gaptop(m)	0.080		
gapbot(m)	0.444		
Zts(m)	0.723		
Rvsin(m)	1.016		
Zvsin(m)	1.093		
Rvsout(m)	1.245		
Zvsout(m)	1.249		
Rsep1(m)	1.232		
Zsep1(m)	-1.085		
Rsep2(m)	1.214		
Zsep2(m)	1.122		
psib(Vs/R)	0.195		
elongm	1.283		
qm	0.210		
nev1(e19)	1.511		
nev2(e19)	1.577		
nev3(e19)	0.826		
ner0(e19)	1.744		
n/nc	-0.563		
dRsep	0.053		
tflux	0.210		
tchimls	0.000		
twagap(cm)	0.381		
qmin			
rhoqmin			
sqfid			



MDSplus, shot = 142300, run = EFIT02, time = 695.000

EFIT Results

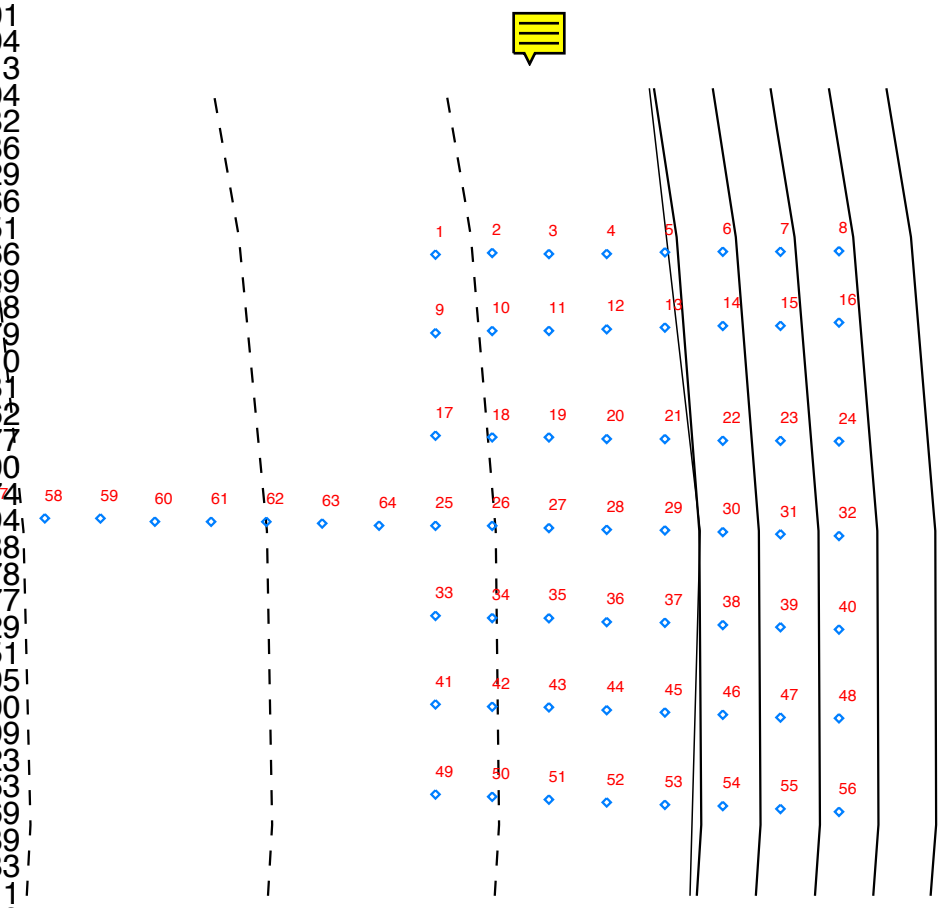
shot	145384	time	3965.00
chi**2	17.025	sqfid	0.131
Rout(m)	1.685	sqfiu	0.485
Zout(m)	-0.157	sqfod	0.263
a(m)	0.593	sqfou	0.331
elong	1.825	sqlid	-0.483
utri	0.304	sqliu	0.122
ltri	0.628	sqlod	-0.258
indent	0.000	sqlou	-0.142
V (m**3)	18.590		
A (m**2)	1.818		
W (MJ)	0.866		
betaT(%)	2.175		
betaP	0.607		
betaN	1.611		
In	1.350		
Li	0.998		
Li3	0.779		
error(e-4)	8.938		
q1	6.103		
q95	3.529		
dsep(m)	0.040		
Rm(m)	1.731		
Zm(m)	-0.018		
Rc(m)	1.690		
Zc(m)	-0.042		
betaPd	0.684		
betaTd	2.452		
Wdia(MJ)	0.977		
Ipmeas(MA)	1.522		
BT(0)(T)	-1.883		
Ipfit(MA)	1.518		
Rmidin(m)	1.093		
Rmidout(m)	2.276		
gapin(m)	0.075		
gapout(m)	0.087		
gaptop(m)	0.349		
gapbot(m)	0.040		
Zts(m)	0.723		
Rvsin(m)	1.112		
Zvsin(m)	-1.321		
Rvsout(m)	1.372		
Zvsout(m)	-1.363		
Rsep1(m)	1.312		
Zsep1(m)	1.240		
Rsep2(m)	1.212		
Zsep2(m)	1.193		
psib(Vs/R)	-0.102		
elongm	1.387		
qm	1.032		
nev1(e19)	2.994		
nev2(e19)	3.104		
nev3(e19)	2.783		
ner0(e19)	3.586		
n/nc	-0.584		
dRsep	-0.039		
tflux	-3.714		
tchimls	1.032		
twagap(cm)	0.000		
qmin	0.131		
rhoqmin			
sqfid			



MDSplus, shot = 145384, run = EFIT02, time = 3965.00

EFIT Results

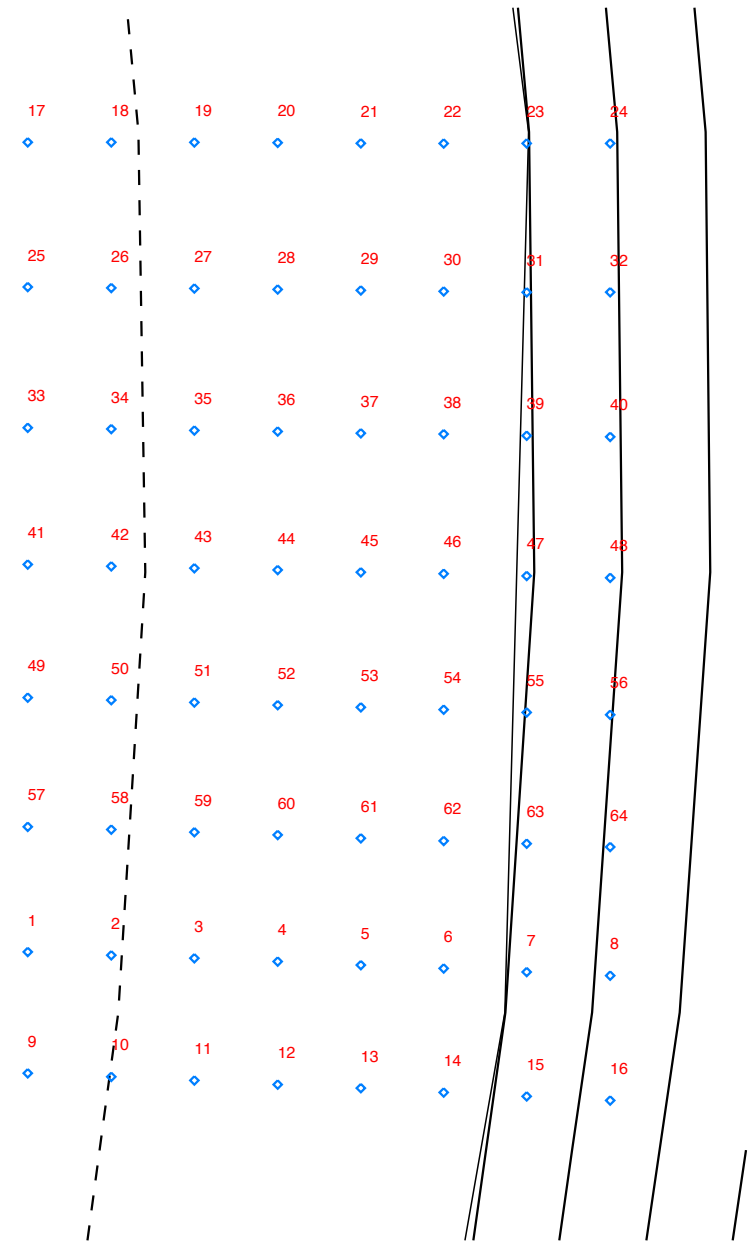
shot	145747	time	4540.00
chi**2	25.085	sqfid	0.171
Rout(m)	1.691	sqfiu	0.417
Zout(m)	-0.151	sqfod	0.329
a(m)	0.597	sqfou	0.321
elong	1.822	sqlid	-0.415
utri	0.358	sqliu	0.004
ltri	0.706	sqlod	-0.145
indent	0.000	sqlou	-0.159
V (m**3)	19.315		
A (m**2)	1.882		
W (MJ)	0.416		
betaT(%)	0.898		
betaP	0.701		
betaN	1.104		
In	0.813		
Li	0.804		
Li3	0.632		
error(e-4)	4.336		
q1	10.229		
q95	6.166		
dsep(m)	0.051		
Rm(m)	1.666		
Zm(m)	-0.069		
Rc(m)	1.698		
Zc(m)	-0.079		
betaPd	0.610		
betaTd	0.781		
Wdia(MJ)	0.362		
Ipmeas(MA)	0.977		
BT(0)(T)	-2.000		
Ipfit(MA)	0.974		
Rmidin(m)	1.094		
Rmidout(m)	2.288		
gapin(m)	0.078		
gapout(m)	0.077		
gaptop(m)	0.329		
gapbot(m)	0.051		
Zts(m)	0.705		
Rvsin(m)	1.100		
Zvsin(m)	-1.309		
Rvsout(m)	1.323		
Zvsout(m)	-1.363		
Rsep1(m)	1.269		
Zsep1(m)	-1.239		
Rsep2(m)	1.233		
Zsep2(m)	1.111		
psib(Vs/R)	-0.129		
elongm	1.427		
qm	1.614		
nev1(e19)	-82.125		
nev2(e19)	5.257		
nev3(e19)	4.300		
ner0(e19)	6.178		
n/nc	-0.499		
dRsep	-0.022		
tflux	-4.049		
tchimls	1.614		
twagap(cm)	0.000		
qmin	0.171		
rhoqmin			
sqfid			



MDSplus, shot = 145747, run = EFIT02, time = 4540.00

EFIT Results

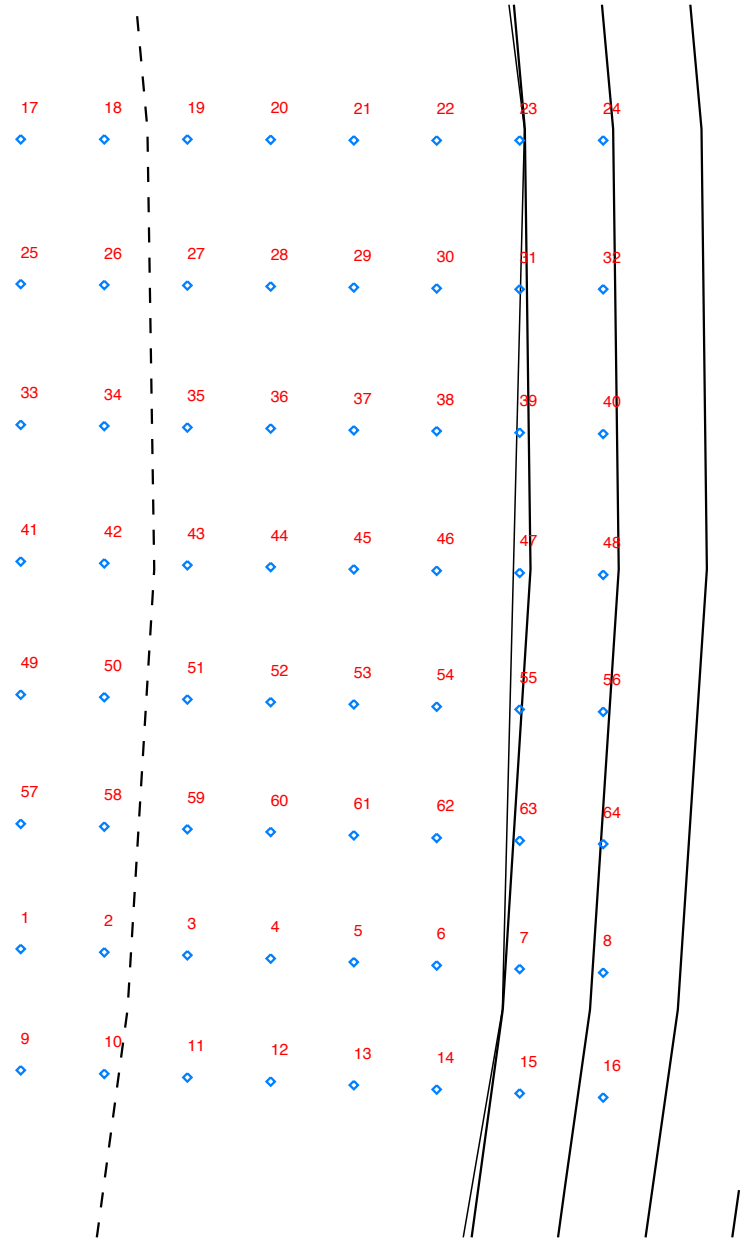
shot	171472	time	4112.98
chi**2	15.781	sqfid	
Rout(m)	1.669	sqfiu	
Zout(m)	-0.110	sqfod	
a(m)	0.601	sqfou	
elong	1.790	sqlid	
utri	0.362	sqliu	
ltri	0.613	sqlod	
indent	0.000	sqlou	
V (m**3)	18.876		
A (m**2)	1.862		
W (MJ)	0.092		
betaT(%)	0.220		
betaP	0.070		
betaN	0.173		
In	1.274		
Li	1.298		
Li3	1.035		
error(e-4)	0.507		
q1	7.347		
q95	3.490		
dsep(m)	0.052		
Rm(m)	1.698		
Zm(m)	-0.005		
Rc(m)	1.652		
Zc(m)	-0.014		
betaPd	0.176		
betaTd	0.558		
Wdia(MJ)	0.234		
Ipmeas(MA)	1.458		
BT(0)(T)	-1.900		
Ipfit(MA)	1.455		
Rmidin(m)	1.068		
Rmidout(m)	2.268		
gapin(m)	0.052		
gapout(m)	0.081		
gaptop(m)	0.237		
gapbot(m)	0.085		
Zts(m)	0.729		
Rvsin(m)	1.040		
Zvsin(m)	-1.248		
Rvsout(m)	1.352		
Zvsout(m)	-1.363		
Rsep1(m)	1.300		
Zsep1(m)	-1.187		
Rsep2(m)	1.234		
Zsep2(m)	1.171		
psib(Vs/R)	-0.266		
elongm	1.284		
qm	0.710		
nev1(e19)	2.208		
nev2(e19)	2.353		
nev3(e19)	2.173		
ner0(e19)	2.540		
n/nc	0.742		
dRsep	-0.024		
tflux	0.710		
tchimls	0.000		
twagap(cm)			
qmin			
rhoqmin			
sqfid			



MDSplus, shot = 171472, run = EFIT03, time = 4112.98

EFIT Results

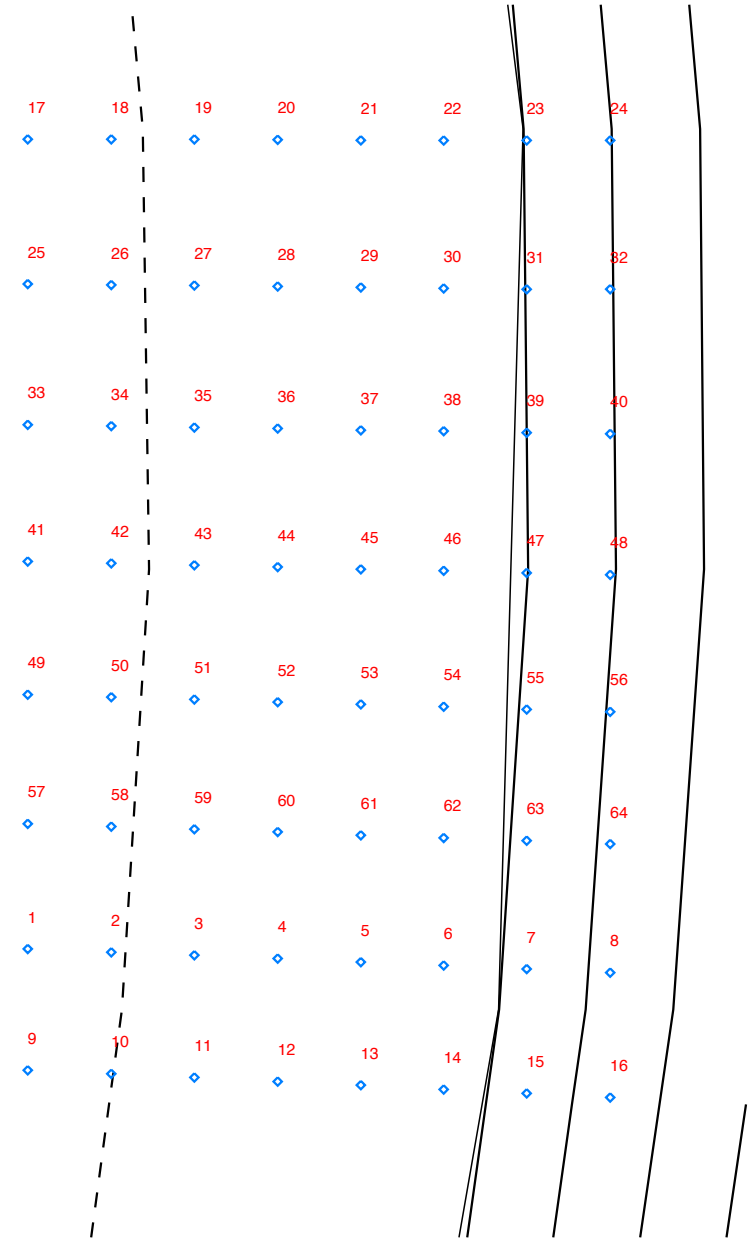
shot	171473	time	2038.12
chi**2	14.054	sqfid	
Rout(m)	1.669	sqfiu	
Zout(m)	-0.108	sqfod	
a(m)	0.601	sqfou	
elong	1.789	sqlid	
utri	0.363	sqliu	
ltri	0.628	sqlod	
indent	0.000	sqlou	
V (m**3)	18.817		
A (m**2)	1.857		
W (MJ)	0.201		
betaT(%)	0.481		
betaP	0.148		
betaN	0.373		
li	1.289		
Li	1.213		
Li3	0.964		
error(e-4)	0.822		
q1	7.682		
q95	3.501		
dsep(m)	0.052		
Rm(m)	1.700		
Zm(m)	-0.002		
Rc(m)	1.654		
Zc(m)	-0.013		
betaPd	0.215		
betaTd	0.696		
Wdia(MJ)	0.291		
Ipmeas(MA)	1.472		
BT(0)(T)	-1.899		
Ipfit(MA)	1.472		
Rmidin(m)	1.068		
Rmidout(m)	2.269		
gapin(m)	0.052		
gapout(m)	0.081		
gaptop(m)	0.236		
gapbot(m)	0.091		
Zts(m)	0.731		
Rvsin(m)	1.040		
Zvsin(m)	-1.247		
Rvsout(m)	1.350		
Zvsout(m)	-1.363		
Rsep1(m)	1.292		
Zsep1(m)	-1.184		
Rsep2(m)	1.228		
Zsep2(m)	1.181		
psib(Vs/R)	-0.035		
elongm	1.289		
qm	0.738		
nev1(e19)	3.105		
nev2(e19)	3.237		
nev3(e19)	2.854		
ner0(e19)	3.611		
n/nc	-0.692		
dRsep	-0.027		
tflux	0.738		
tchimls	0.000		
twagap(cm)			
qmin			
rhoqmin			
sqfid			



MDSplus, shot = 171473, run = EFIT03, time = 2038.12

EFIT Results

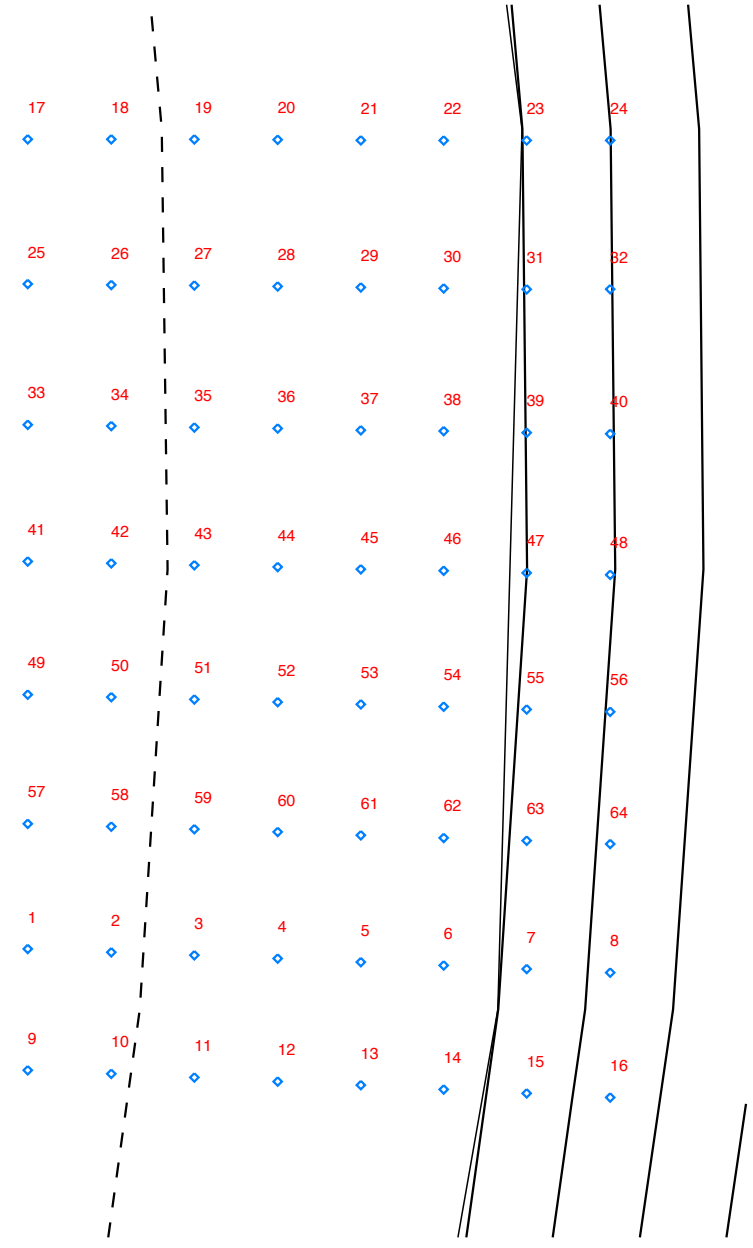
shot	171477	time	3620.81
chi**2	14.554	sqfid	
Rout(m)	1.669	sqfiu	
Zout(m)	-0.110	sqfod	
a(m)	0.601	sqfou	
elong	1.792	sqlid	
utri	0.362	sqliu	
ltri	0.618	sqlod	
indent	0.000	sqlou	
V (m**3)	18.892		
A (m**2)	1.864		
W (MJ)	0.194		
betaT(%)	0.462		
betaP	0.144		
betaN	0.360		
In	1.283		
Li	1.275		
Li3	1.017		
error(e-4)	0.395		
q1	7.187		
q95	3.488		
qsep(m)	0.052		
Rm(m)	1.701		
Zm(m)	-0.006		
Rc(m)	1.658		
Zc(m)	-0.015		
betaPd	0.222		
betaTd	0.710		
Wdia(MJ)	0.298		
Ipmeas(MA)	1.469		
BT(0)(T)	-1.899		
Ipfit(MA)	1.463		
Rmidin(m)	1.069		
Rmidout(m)	2.267		
gapin(m)	0.052		
gapout(m)	0.082		
gaptop(m)	0.236		
gapbot(m)	0.086		
Zts(m)	0.730		
Rvsin(m)	1.040		
Zvsin(m)	-1.247		
Rvsout(m)	1.350		
Zvsout(m)	-1.363		
Rsep1(m)	1.298		
Zsep1(m)	-1.186		
Rsep2(m)	1.232		
Zsep2(m)	1.171		
psib(Vs/R)	-0.173		
elongm	1.290		
qm	0.718		
nev1(e19)	2.627		
nev2(e19)	2.889		
nev3(e19)	2.526		
ner0(e19)	2.938		
n/nc	-0.740		
dRsep	-0.024		
tflux	0.718		
tchimls	0.000		
twagap(cm)			
qmin			
rhoqmin			
sqfid			



MDSplus, shot = 171477, run = EFIT03, time = 3620.81

EFIT Results

shot	171495	time	3845.82
chi**2	13.820	sqfid	
Rout(m)	1.670	sqfiu	
Zout(m)	-0.110	sqfod	
a(m)	0.599	sqfou	
elong	1.801	sqlid	
utri	0.366	sqliu	
ltri	0.649	sqlod	
indent	0.000	sqlou	
V (m**3)	18.798		
A (m**2)	1.856		
W (MJ)	0.466		
betaT(%)	1.115		
betaP	0.350		
betaN	0.868		
In	1.284		
Li	1.152		
Li3	0.910		
error(e-4)	0.167		
q1	7.056		
q95	3.620		
dsep(m)	0.055		
Rm(m)	1.704		
Zm(m)	-0.002		
Rc(m)	1.667		
Zc(m)	-0.016		
betaPd	0.418		
betaTd	1.331		
Wdia(MJ)	0.556		
Ipmeas(MA)	1.466		
BT(0)(T)	-1.900		
Ipfit(MA)	1.463		
Rmidin(m)	1.071		
Rmidout(m)	2.267		
gapin(m)	0.055		
gapout(m)	0.082		
gaptop(m)	0.234		
gapbot(m)	0.087		
Zts(m)	0.728		
Rvsin(m)	1.040		
Zvsin(m)	-1.248		
Rvsout(m)	1.338		
Zvsout(m)	-1.363		
Rsep1(m)	1.281		
Zsep1(m)	-1.190		
Rsep2(m)	1.220		
Zsep2(m)	1.184		
psib(Vs/R)	-0.220		
elongm	1.293		
qm	0.754		
nev1(e19)	6.032		
nev2(e19)	6.107		
nev3(e19)	6.380		
ner0(e19)	6.126		
n/nc	-0.664		
dRsep	-0.027		
tflux	0.754		
tchimls	0.000		
twagap(cm)			
qmin			
rhoqmin			
sqfid			

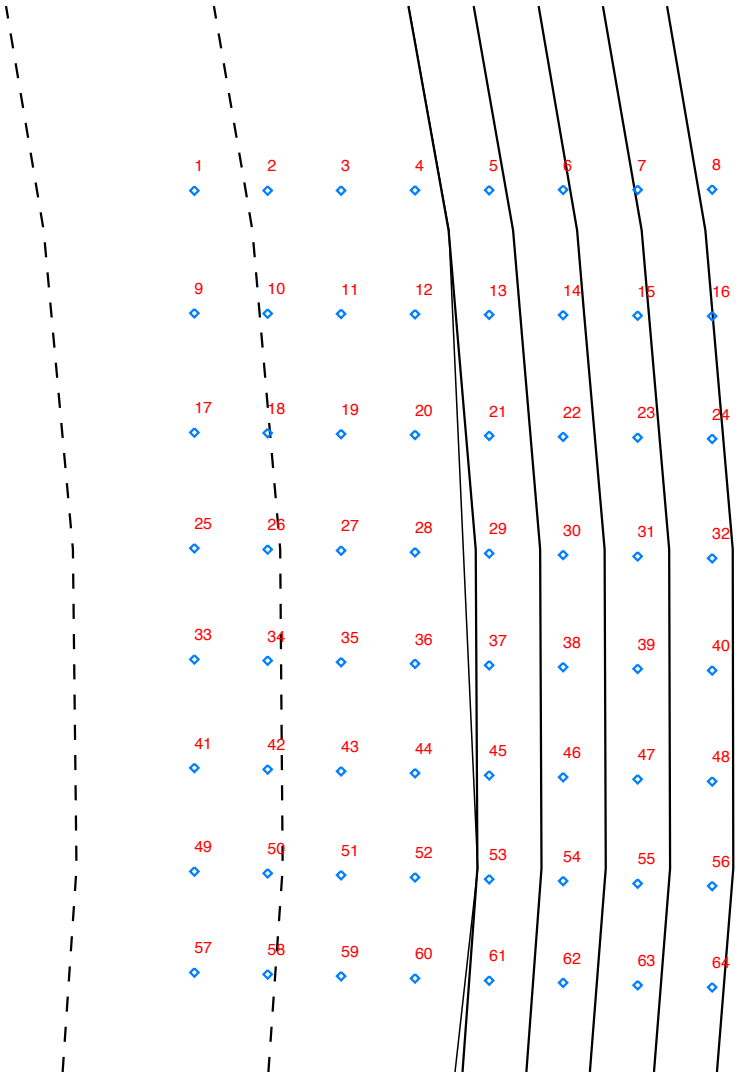


MDSplus, shot = 171495, run = EFIT03, time = 3845.82

EFIT Results

shot	176778	time	3420.00
chi**2	38.094	sqfid	0.280
Rout(m)	1.738	sqfiu	0.537
Zout(m)	-0.093	sqfod	0.362
a(m)	0.546	sqfou	0.348
elong	1.883	sqlid	-0.229
utri	0.332	sqliu	0.210
ltri	0.623	sqlod	-0.090
indent	0.000	sqlou	-0.113

V (m**3)	18.111
A (m**2)	1.715
W (MJ)	0.834
betaT(%)	2.875
betaP	0.801
betaN	2.027
In	1.419
Li	0.833
Li3	0.658
error(e-4)	8.165
q1	5.710
q95	3.141
dsep(m)	0.067
Rm(m)	1.786
Zm(m)	-0.043
Rc(m)	1.751
Zc(m)	-0.052
betaPd	0.779
betaTd	2.797
Wdia(MJ)	0.811
Ipmeas(MA)	1.283
BT(0)(T)	-1.679
Ipfit(MA)	1.269
Rmidin(m)	1.193
Rmidout(m)	2.282
gapin(m)	0.176
gapout(m)	0.067
gaptop(m)	0.271
gapbot(m)	0.129
Zts(m)	0.750
Rvsin(m)	1.016
Zvsin(m)	-1.133
Rvsout(m)	1.337
Zvsout(m)	-1.363
Rsep1(m)	1.322
Zsep1(m)	-1.121
Rsep2(m)	1.206
Zsep2(m)	1.185
psib(Vs/R)	-0.081
elongm	1.616
qm	1.344
nev1(e19)	6.756
nev2(e19)	7.405
nev3(e19)	6.956
ner0(e19)	8.041
n/nc	-0.743
dRsep	-0.032
tflux	-2.996
tchimls	24.270
twagap(cm)	1.251
qmin	0.289
rhoqmin	0.280
sqfid	



MDSplus, shot = 176778, run = EFIT02, time = 3420.00