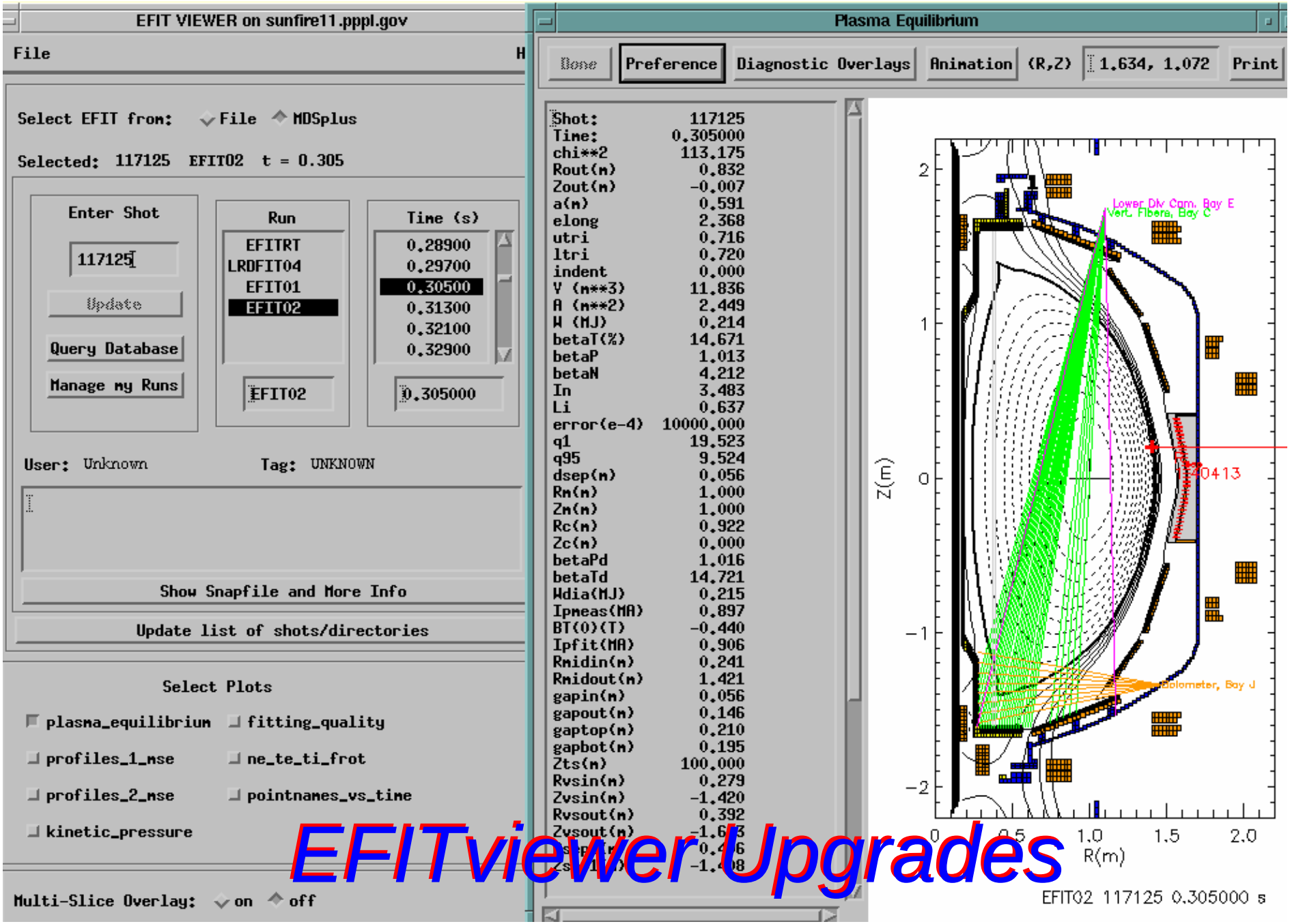
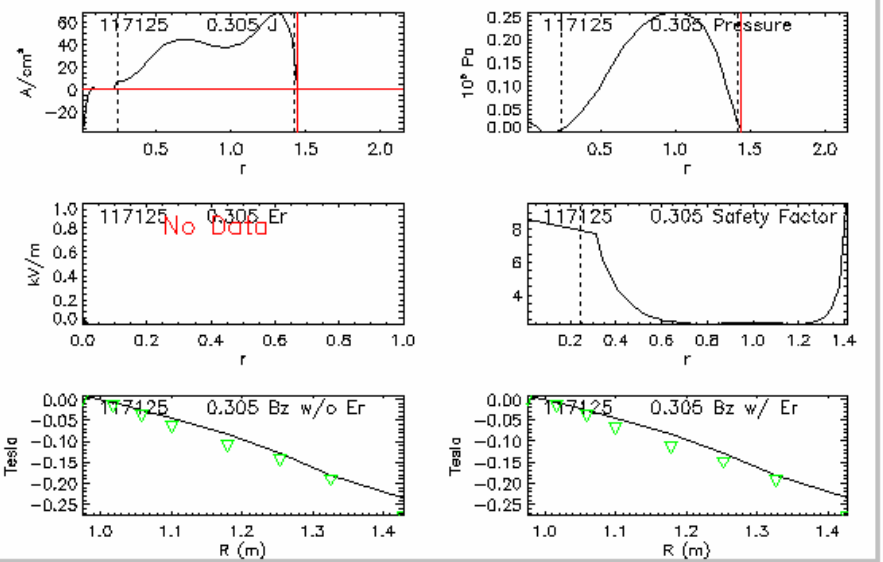
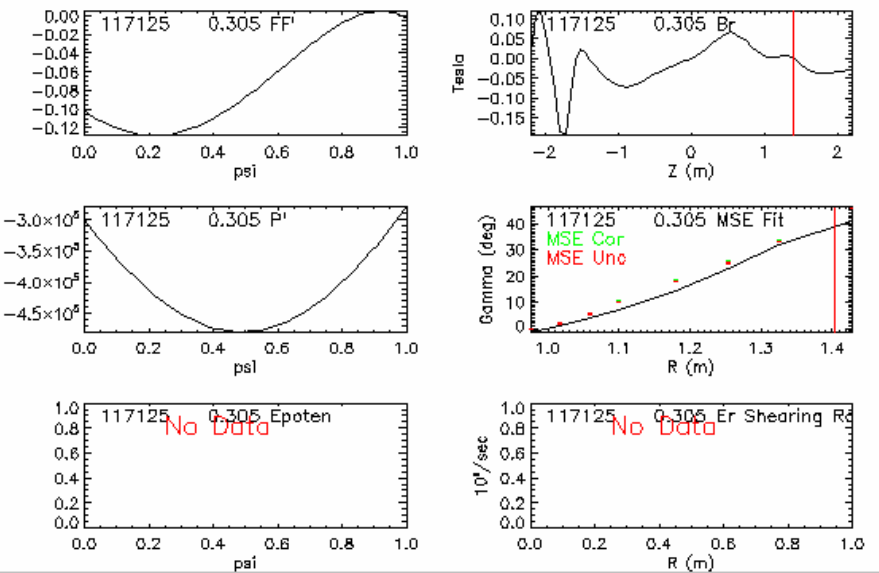

EFIT VIEWER on sunfire11.pppl.gov
File
Select EFIT from: File MDSplus
Selected: 117125 EFIT02 t = 0.305
Enter Shot
117125
Update
Query Database
Manage my Runs
Run
EFITRT
LRDFIT04
EFIT01
EFIT02
EFIT02
Time (s)
0.28900
0.29700
0.30500
0.31300
0.32100
0.32900
0.305000
User: Unknown
Tag: UNKNOWN
Show Snapfile and More Info
Update list of shots/directories
Select Plots
plasma_equilibrium
fitting_quality
profiles_1_mse
ne_te_ti_frot
profiles_2_mse
pointnames_vs_time
kinetic_pressure
Multi-Slice Overlay: on off
Plasma Equilibrium
Done
Preference
Diagnostic Overlays
Animation
(R,Z)
1.634, 1.072
Print
Shot: 117125
Time: 0.305000
chi**2 113.175
Rout(m) 0.832
Zout(m) -0.007
a(m) 0.591
elong 2.368
utri 0.716
ltri 0.720
indent 0.000
V (m**3) 11.836
A (m**2) 2.449
W (MJ) 0.214
betaT(%) 14.671
betaP 1.013
betaN 4.212
In 3.483
Li 0.637
error(e-4) 10000.000
q1 19.523
q95 9.524
dsep(m) 0.056
Rm(m) 1.000
Zm(m) 1.000
Rc(m) 0.922
Zc(m) 0.000
betaPd 1.016
betaTd 14.721
Wdia(MJ) 0.215
Ipmeas(MA) 0.897
BT(0)(T) -0.440
Ipfit(MA) 0.906
Rmidin(m) 0.241
Rmidout(m) 1.421
gapin(m) 0.056
gapout(m) 0.146
gaptop(m) 0.210
gapbot(m) 0.195
Zts(m) 100.000
Rvsin(m) 0.279
Zvsin(m) -1.420
Rvsout(m) 0.392
Zvsout(m) -1.6
0.4
-1.4
Lower Div Cam, Bay E
Vert. Fibers, Bay C
Bolometer, Bay J
Z(m)
R(m)
2
1
0
-1
-2
0
0.5
1.0
1.5
2.0
EFIT02 117125 0.305000 s
EFITviewer Upgrades

PROFILES_1_MSE

File Edit

Select Zoom Edit Mark CrossHair (1.44261, -0.365164 R

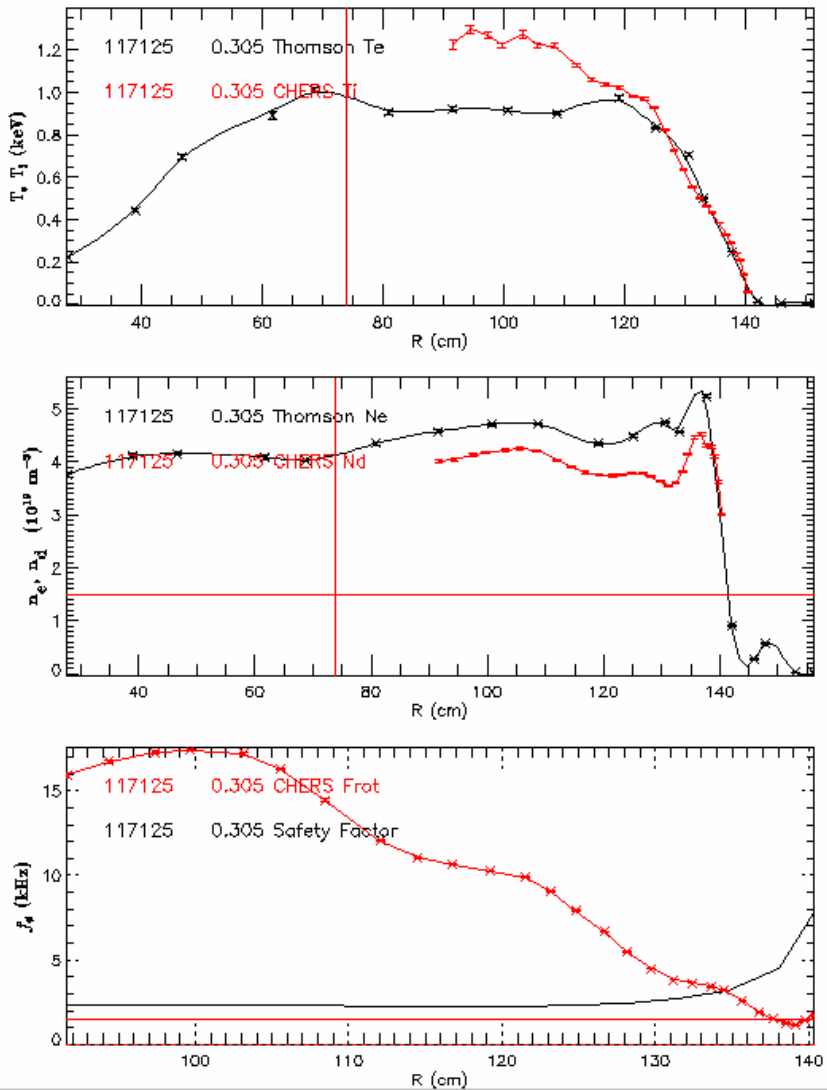




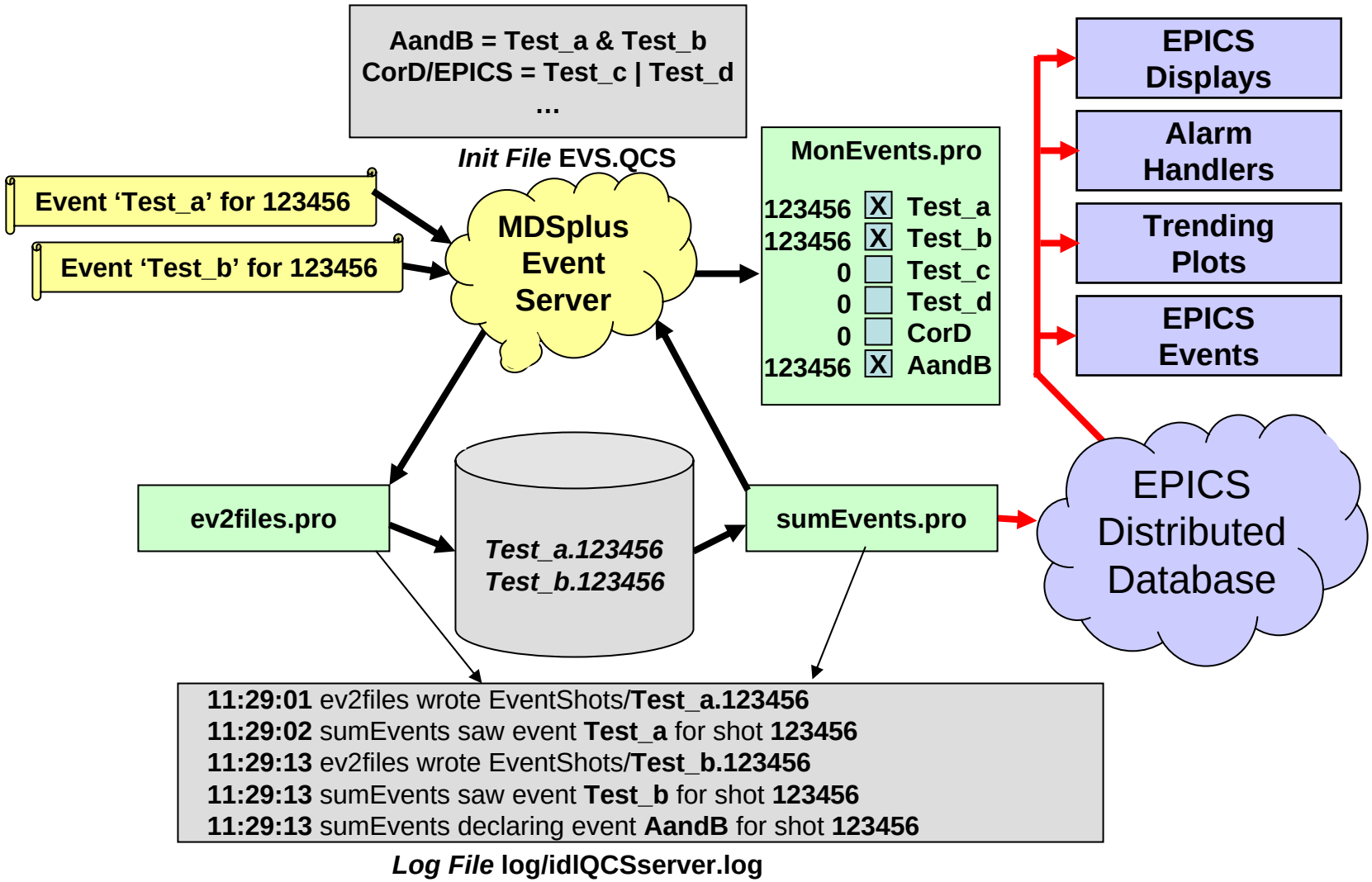
NE_TE_TI_FROT

File Edit

Select Zoom Edit Mark CrossHair (73.9321, 1.49611) R

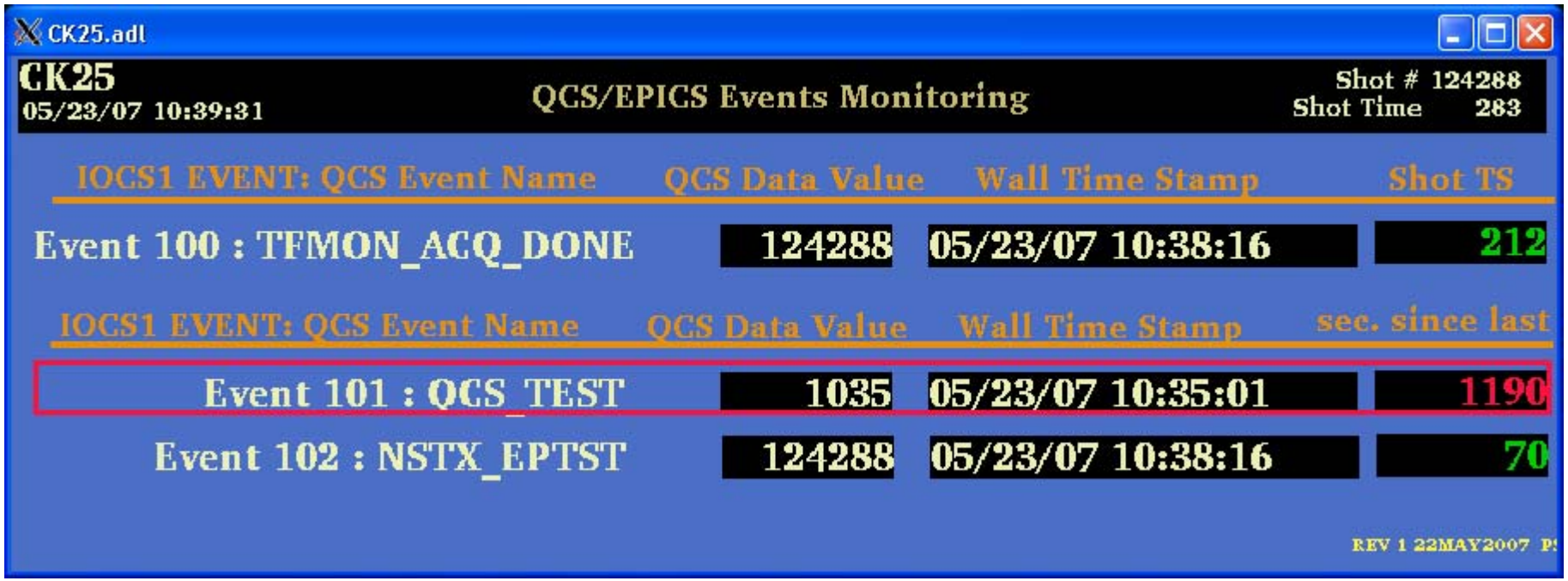


MDSplus Event Management System



→ MEMS now talks to EPICS ←

The EPICS display page for three MDSplus events from the Event Summation System.



red values indicate an alarm condition.

Web Tool Upgrades

- Different Signals may be plotted on the same frame
- Can plot up to 20 Signals simultaneously
- Conversion to a common timebase is automatic
- Signal names saved in a file may be pasted into Web Tool fields
- “Memory” of previous entries improved

NSTX MDSplus Multiple Signal Plotting

Plot different MDSplus Signals on the same plot frame.
When math is performed on signals on different timebases, conversion to the coarser timebase is automatic.

Shot Number(s): 120200 (search for desired shot numbers)
For tips on convenient shot entry methods, see ShotEntryHelp.html.

Paste a Column of signals from the clipboard | Paste All 4 Columns | Help

Enter Signal(s) with tree name, e.g., \wf::ip	Y: (autoscale if blank)				Plot # (All->1)
\wf::ip	from		to		1
\wf::pnb	from		to		1
\activespec::ts_ld	from		to		1
\wf::cii	from		to		2
\efit02::wmhd	from		to		3
\efit02::betan	from		to		3
\PASSIVESPEC::BAYc_dalf_haifa	from		to		4
\operations::mhd_oddn_lowf	from		to		4
\particles::neut_fluct_slw_2fg	from		to		2
	from		to		10

-> For signal names see the NSTX Signals and Labels page or the MDSplus Tree Search Tool).

Plot Ranges: **X:** ○ Autoscale ◉ from 0.0 to 1 (sec., points, etc.)

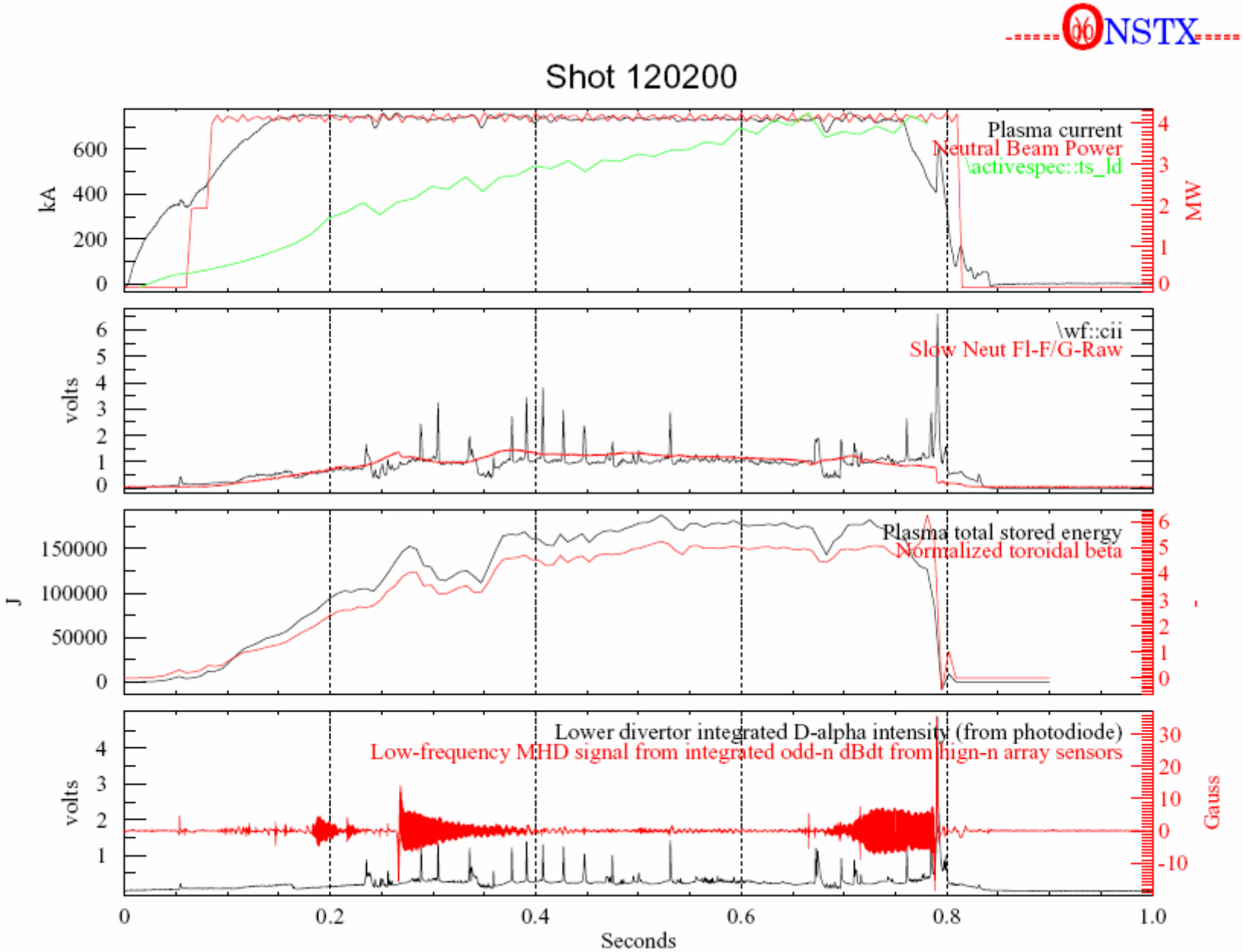
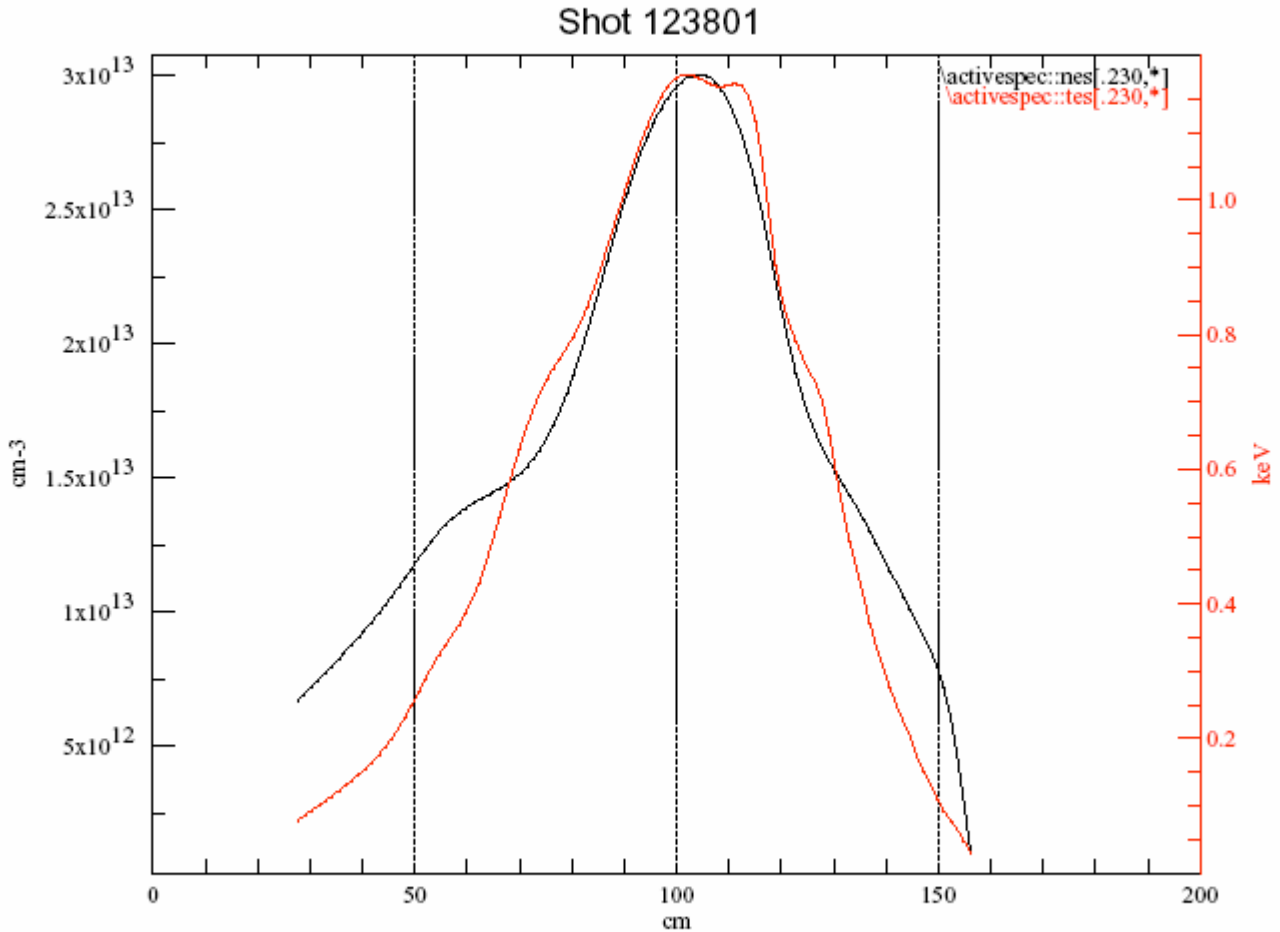
Plot Labels: ◉ From MDSplus ○ Tag Names ○ None

Size of Plot Window: Horizontal: 780 Vertical: 600 (pixels)

GO

Output Desired:
◉ Plots
○ Numerical Listing
☐ E-mail file to:

Plot File:
◉ None ○ Postscript ○ PDF
named: plot##### +ext


NSTX
Shot 120200
Plasma current
Neutral Beam Power
\activespec::ts_ld
kA
MW
\wf::cii
Slow Neut Fl-F/G-Raw
volts
Plasma total stored energy
Normalized toroidal beta
J
Lower divertor integrated D-alpha intensity (from photodiode)
Low-frequency MHD signal from integrated odd-n dBdt from high-n array sensors
volts
Gauss
Seconds

Web Tools can overlay profiles