

Tao

File Create View Plot

Data... Ctrl+D Browse... Run

Variables... Alt+V Global Variables... Ctrl+G

Lattice Elements... Ctrl+E Lattice... Ctrl+L Debug

Show/Hide Console View History...

```
[INFO] tao_init:
Note: global%rf_on = False --> RFCavities will be turned off in lattices
```

Tao>show data

Name	Using for Optimization
orbit.x[0:99]	Using:
orbit.y[0:99]	Using:
phase.a[0:99]	Using:
phase.b[0:99]	Using:
eta.x[0:99]	Using:
eta.y[0:99]	Using:
beta.a[0:99]	Using:
beta.b[0:99]	Using:
cbar.11[0:99]	Using:
cbar.12[0:99]	Using:
cbar.21[0:99]	Using:
cbar.22[0:99]	Using:
k.11b[0:99]	Using:
k.12a[0:99]	Using:
k.12b[0:99]	Using:
k.22a[0:99]	Using:

Tao>

Data

orbit		Indices	Using
x	View...	Edit...	0:99
y	View...	Edit...	0:99
phase		Indices	Using
a	View...	Edit...	0:99
b	View...	Edit...	0:99
eta		Indices	Using
x	View...	Edit...	0:99
y	View...	Edit...	0:99
beta		Indices	Using
a	View...	Edit...	0:99
b	View...	Edit...	0:99
cbar		Indices	Using
11	View...	Edit...	0:99
12	View...	Edit...	0:99
21	View...	Edit...	0:99
22	View...	Edit...	0:00
Universe: 1			
Write data to namelist file...			

Bulk settings for orbit.x

meas_value	good_user	weight
<input checked="" type="radio"/> No Change <input type="radio"/> Constant: <input type="text"/> <input type="radio"/> From: <input type="button" value="Base"/>	<input checked="" type="radio"/> No Change <input type="radio"/> Constant: <input type="checkbox"/> <input type="radio"/> Formula: <input type="text"/>	<input checked="" type="radio"/> No Change <input type="radio"/> Constant: <input type="text"/> <input type="radio"/> Formula: <input type="text"/>
<input checked="" type="radio"/> All <input type="radio"/> Range: <input type="text"/>	<input checked="" type="radio"/> All <input type="radio"/> Range: <input type="text"/>	<input checked="" type="radio"/> All <input type="radio"/> Range: <input type="text"/>

[Fill and apply](#)

orbit.x[34]

ele_name	DET_34W	(288)
ele_start_name		(-1)
ele_ref_name		(-1)
data_type	orbit	x
merit_type	target	
data_source	lat	
eval_point	End	
ix_bunch	0	
ix_branch	0	
ix_ele_merit	-1	
ix_d1	34	
ix_data	35	
ix_dmodel	-1	
meas_value	0.0	
ref_value	0.0	
model_value	0.015417366933784	
design_value	0.015417366933784	
old_value	0.0	
		Apply changes

orbit.x

Bulk fill...

Index	d1_data_name	Merit type	Ref Element	Start Element	Element Name	Meas value	Model value
30	orbit.x	target			DET_30W	0.00000000000000E+00	-6.3994360848211E-03
31	orbit.x	target			DET_31W	0.00000000000000E+00	2.8540045854103E-03
32	orbit.x	target			DET_32W	0.00000000000000E+00	1.2658865835454E-02
33	orbit.x	target			DET_33W	0.00000000000000E+00	1.1905074152999E-02
34	orbit.x	target			DET_34W	0.00000000000000E+00	1.5417366933784E-02
35	orbit.x	target			DET_35W	0.00000000000000E+00	6.9528419764613E-03
36	orbit.x	target			DET_36W	0.00000000000000E+00	8.9760172249806E-05
37	orbit.x	target			DET_37W	0.00000000000000E+00	-5.9017764956826E-03
38	orbit.x	target			DET_38W	0.00000000000000E+00	-1.5499288722237E-02
39	orbit.x	target			DET_39W	0.00000000000000E+00	-8.8566698499384E-03