```
CESRV> do skdisp2.in 681
Opened Command File: SKDISP2.IN

_CESRV>  read e:681
 ETA DATA READ IN: L_ETA:ETA.00681
_CESRV>  veto eta 47e
_CESRV>  veto eta 23e
_CESRV>  veto vert 0:99
_CESRV>  veto hori hb01:hb06
 Horiz Steering vars used:  1W:1E
 Vert Steering vars used:
_CESRV>  opt_vars all
    Data to Optimize: ORBIT & TWISS
    Optimizing Using: ALL_VARS
Do you want me to turn the pretzel on (using saved values)? Default is Y    ->
n
Do you want me to recalculate the dMerit matrix? Default is Y    -> n
_CESRV>  veto quad all
_CESRV>  veto sex all
_CESRV>  veto vert all
_CESRV>  veto hori all
_CESRV>  use skew 2w:2e
 Skew Quad K1 vars used:  2W:2E
_CESRV>  set orbit_x_wgt(0:99)=0
_CESRV>  set orbit_y_wgt(0:99)=0
_CESRV>  set eta_a_wgt(0:99)=2.
_CESRV>  set eta_b_wgt(0:99)=0
_CESRV>  limit off
Limits are now NOT Active

_CESRV>  run
Optimizing using: ALL_VARS
Data to Optimize: ORBIT & TWISS
Initial merit:   21.21682
   Loop      Merit  A_lambda
   1         6.723  1.00E-04
   2         6.723  1.00E-05
   3         6.723  1.00E-06
   4         6.723  1.00E-07
   5         6.723  0.00E+00

        Top10 merit       |     Top10 derivative      |      Top10 delta
   Name      ix     Value | Name      ix  Derivative | Name     ix      delta
 Eta_X       24       1.0  Skew K1     6   2.384E-06  Skew K1   51   0.024693
 Eta_X       26       0.9  Skew K1     7   1.907E-06  Skew K1   47  -0.022757
 Eta_X       83       0.6  Skew K1    92   1.580E-06  Skew K1    5   0.012533
 Eta_X       22       0.4  Skew K1    93   1.479E-06  Skew K1    3  -0.007162
 Eta_X       28       0.3  Skew K1    85   1.043E-06  Skew K1    4   0.005720
 Eta_X       30       0.3  Skew K1     4  -9.537E-07  Skew K1    2  -0.004988
 Eta_X       81       0.3  Skew K1    90   5.662E-07  Skew K1   97   0.004975
 Eta_X       23       0.2  Skew K1    95  -5.662E-07  Skew K1   48  -0.003091
 Eta_X       32       0.2  Skew K1     9   3.576E-07  Skew K1   94  -0.002852
 Eta_X       89       0.2  Skew K1     3  -2.682E-07  Skew K1   96   0.002679
 Merit:     6.722863

Merit sum for: Orbit_X           0.0000E+00
Merit sum for: Orbit_Y           0.0000E+00
Merit sum for: Eta_X             6.7226E+00
Merit sum for: Eta_Y             0.0000E+00
Merit sum for: dE/E              5.7542E-10

Merit sum for: Skew Quad K1      2.5302E-04
```