

```

;-----
; pil_pl.dat      evolution of peak load
;                  in a rectangular pillar
;                  - plot files for pillar.dat
;-----

rest pillar1.sav
set plot post color
plot create 1
plot set rot 0 0 225
plot add con smin red yell gree blu min -115e6 max 0 int 5e6 out on
set out pil_lsl.ps
plot hard
;
plot create 2
plot set rot 90 0 0
plot set ang 15
plot set cent 7.427 5.073 0
plot set pla dip 0 ori 0 0 .1
plot add con szz pla red yell gree blu min -115e6 max 0 int 5e6
set out pil_lsz.ps
plot hard
;
plot create 3
plot set rot 90 0 0
plot set ang 15
plot set cent 7.427 5.073 0
plot set pla dip 0 ori 0 0 .1
plot add blo sta pla green red blue red
set out pil_lpl.ps
plot hard
;
plot create 4
plot set rot 10 0 45
plot set cen 6.5 3.75 0
plot add surf lred
plot add axes
set out pil_grid.ps
plot hard
;
plot create 5
plot set rot 10 0 45
plot set cen 6.5 3.75 0
plot add cont disp cya yell mag int 5e-4 sha on
set out pil_disp.ps

```

```

plot hard
;
rest pillar2.sav
set plot post color
;
plot create 1
plot set rot 0 0 225
plot add con smin red yell gree blu min -115e6 max 0 int 5e6 sh on
set out pil_2sl.ps
plot hard
;
plot create 2
plot set rot 90 0 0
plot set ang 15
plot set cent 7.427 5.073 0
plot set pla dip 0 ori 0 0 .1
plot add con szz pla red yell gree blu min -115e6 max 0 int 5e6
set out pil_2sz.ps
plot hard
;
plot create 3
plot set rot 90 0 0
plot set ang 15
plot set cent 7.427 5.073 0
plot set pla dip 0 ori 0 0 .1
plot add blo sta pla green red blue
set out pil_2pl.ps
plot hard
;
rest pillar3.sav
set plot post color
;
plot create 1
plot set rot 0 0 225
plot add con smin red yell gree blu min -115e6 max 0 int 5e6 sh on
set out pil_3sl.ps
plot hard

plot create 2
plot set rot 90 0 0
plot set angle 15
plot set cent 7.427 5.073 0
plot set pla dip 0 ori 0 0 .1
plot add con szz pla red yell gree blu min -115e6 max 0 int 5e6

```

```
set out pil_3sz.ps
plot hard
;
plot create 3
plot set rot 90 0 0
plot set angle 15
plot set cent 7.427 5.073 0
plot set pla dip 0 ori 0 0 .1
plot add blo sta pla green red blue
set out pil_3pl.ps
plot hard
;
plot create 4
plot add hist 6 red
set out pil_3his.ps
plot hard
ret
```