box u21$

graflib:gcs02042kcs02042

22:27:5410/22/82 c

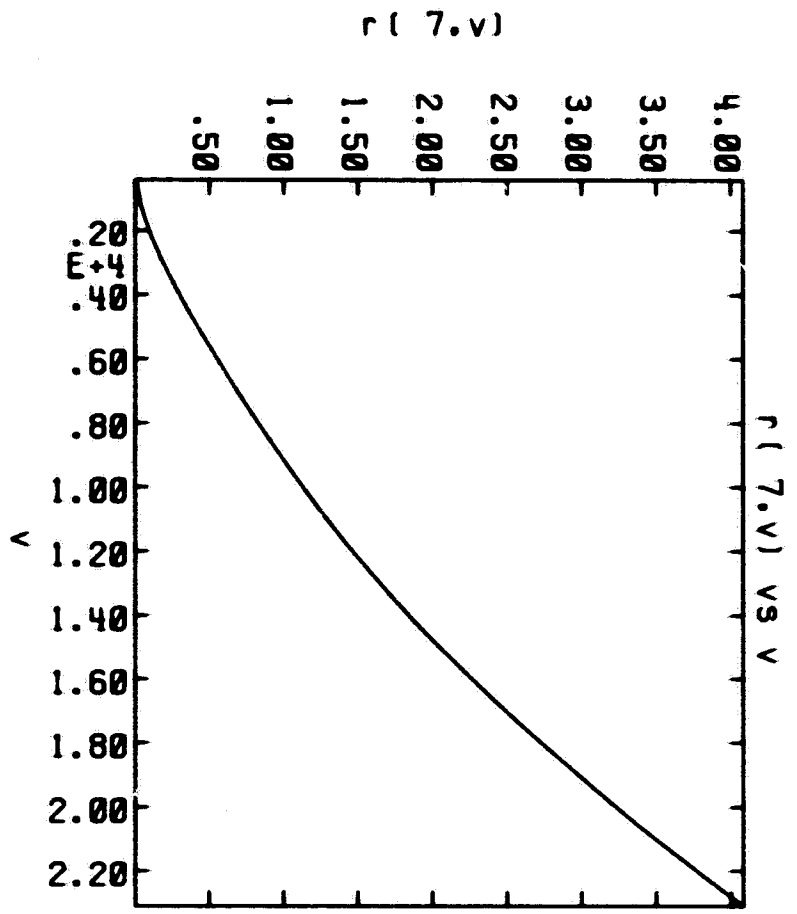
box u21$

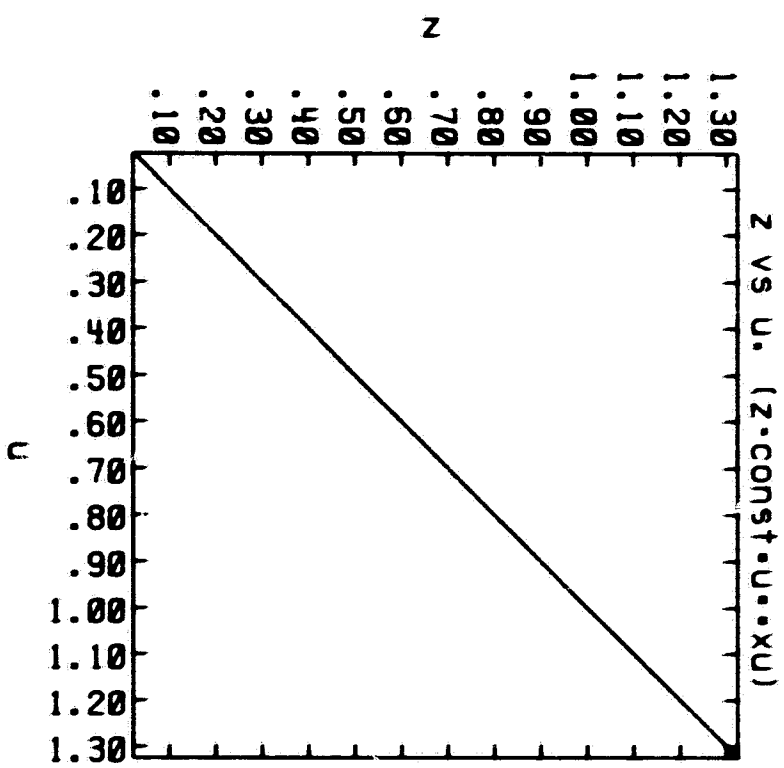
graflib:gcs02042kcs02042

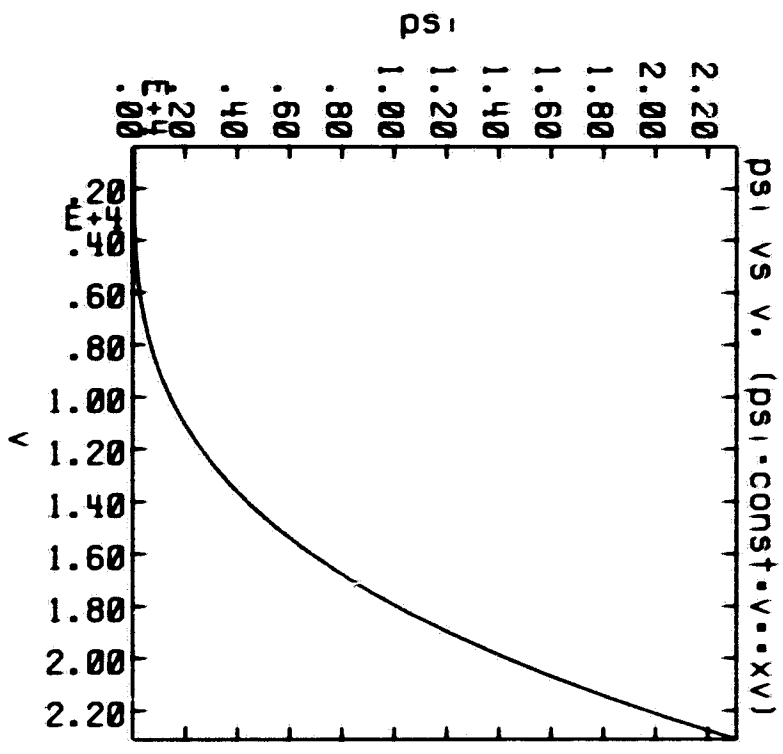
22:27:5410/22/82 c

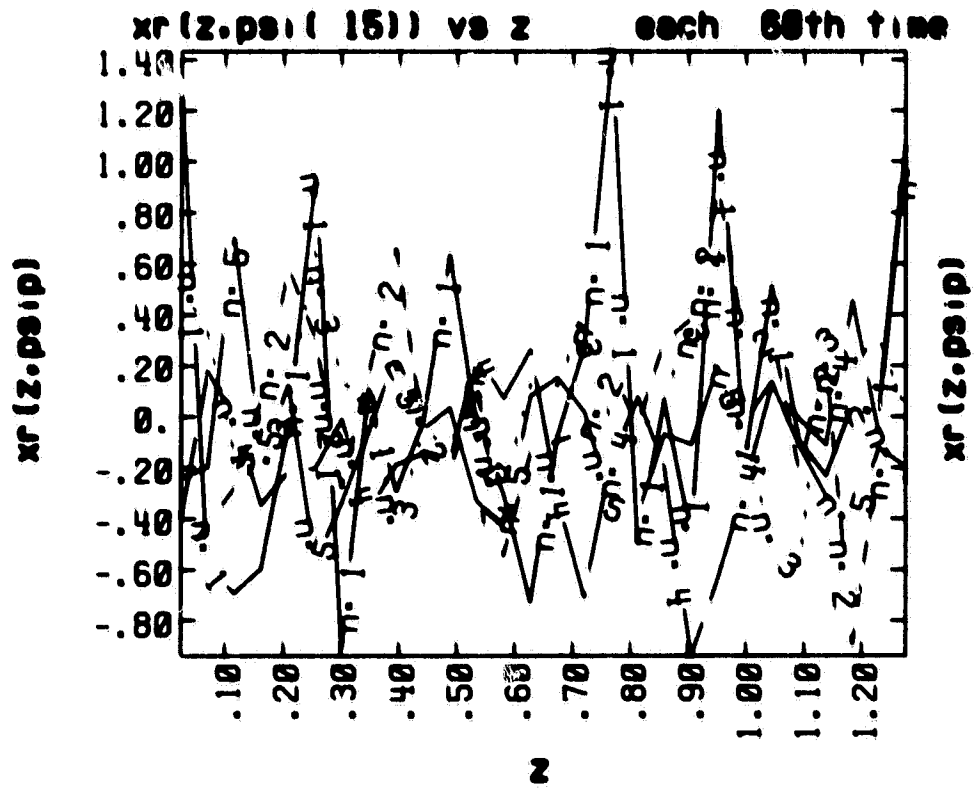
this problem run by xflr15

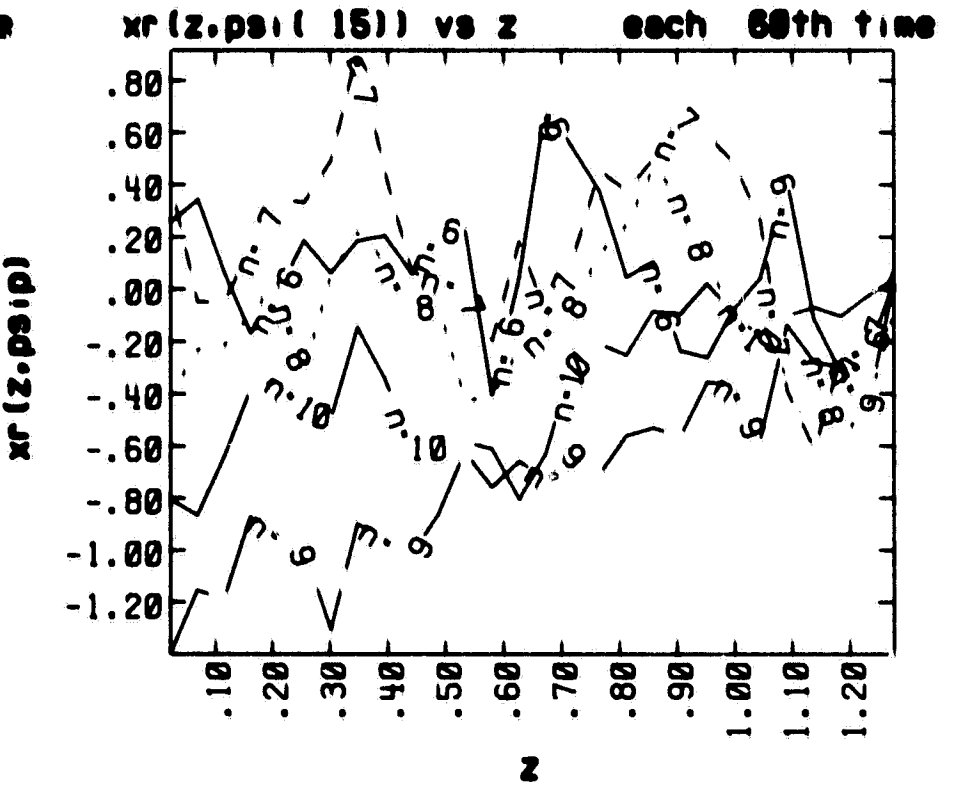
```
dt=    6.250000e-11
ix=      30
jx=      30
total time steps =    2400
no. of iterations =       4
bias=   0.01000
ratrod=    6.000000e-01
drift freq. (omegst) =  7.46038832e+08
rotation freq. (omegr) =  4.47623299e+08
e x b freq. (omegexb) =  1.19366213e+09
flr=  1.00000000e+00
sf6=  1.00000000e+00
sf8=  1.00000000e+00
enbar=  0.
kplot=     349
kzs=       1
valfk =  2.50000000e-01
     cpu time =  8.47758880e+13
     i-o time =  1.83431700e+12
     sys time =  9.20743000e+12
   u exponent (xu) =   1.00000000e+00
   v exponent (xv)=  3.32192809e+00
     en0=  1.00000000e+14
     b0=  1.00000000e+04
     m=  0.00000000e+00
```

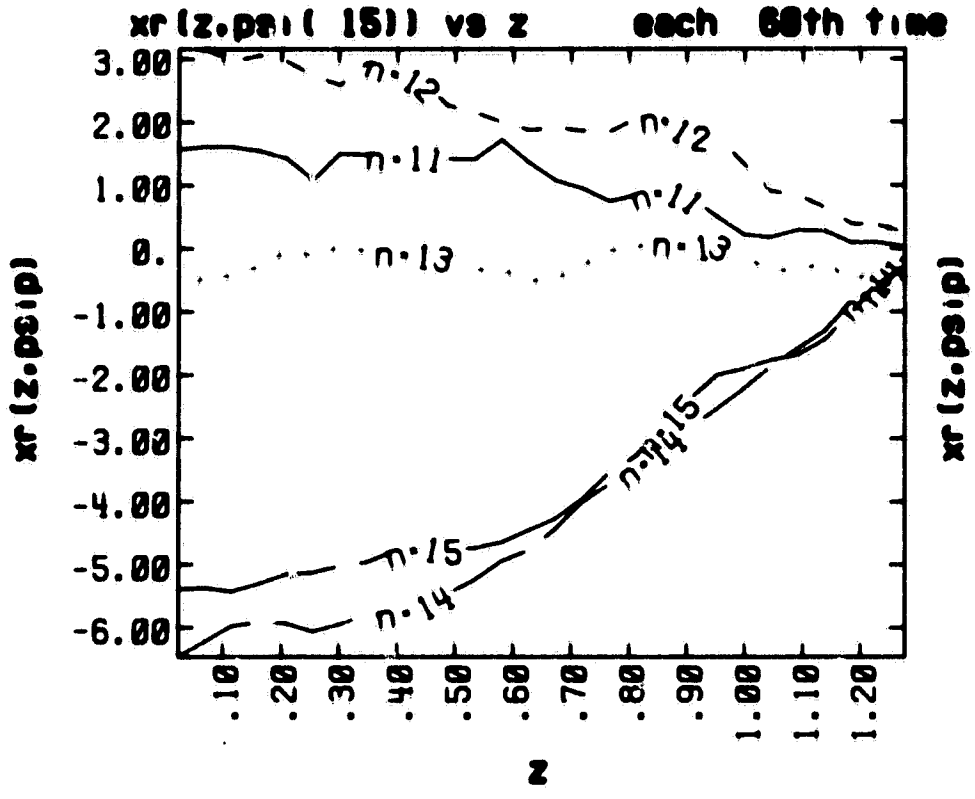

r(7,v)
.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
.20
E+4
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
2.20
v
r(7,v) vs v

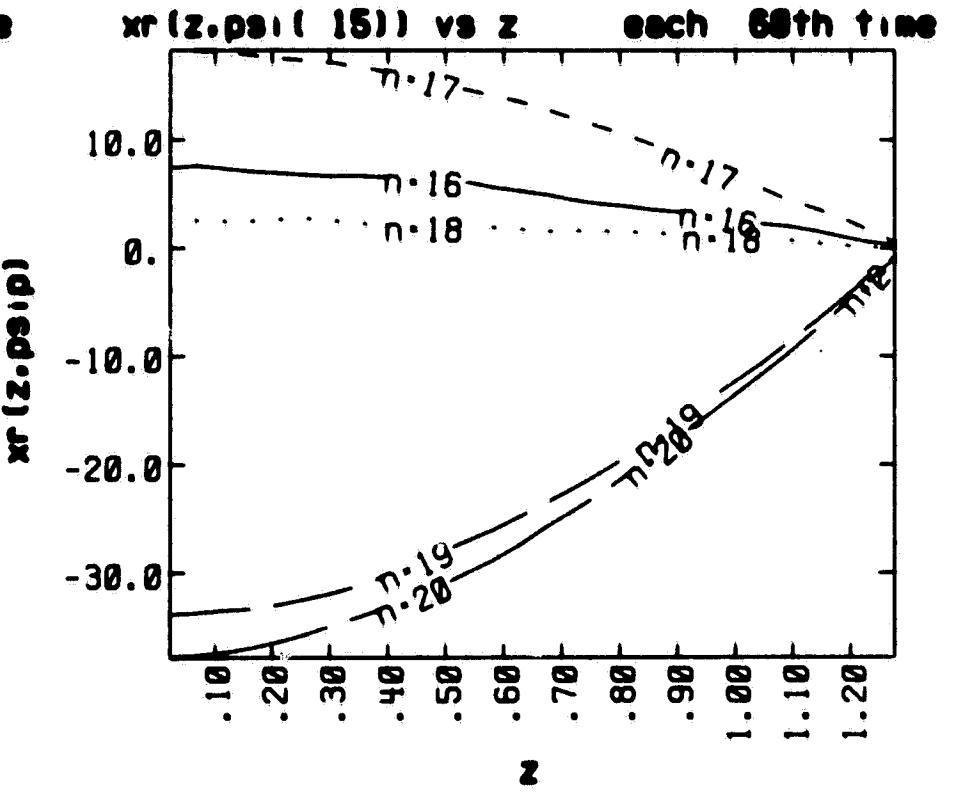

z
.10
.20
.30
.40
.50
.60
.70
.80
.90
1.00
1.10
1.20
1.30
u
z vs u, (z-const*u**xu)

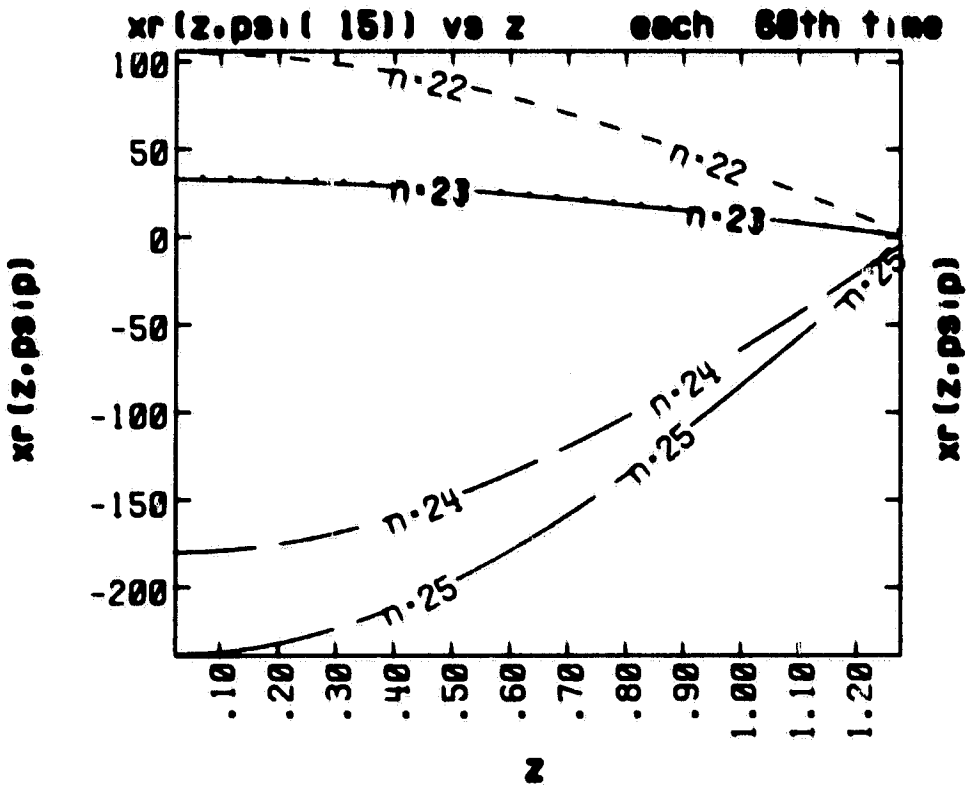

psi
.00
.20
E+4
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
2.20
v
psi vs v, (psi-const*v**xv)

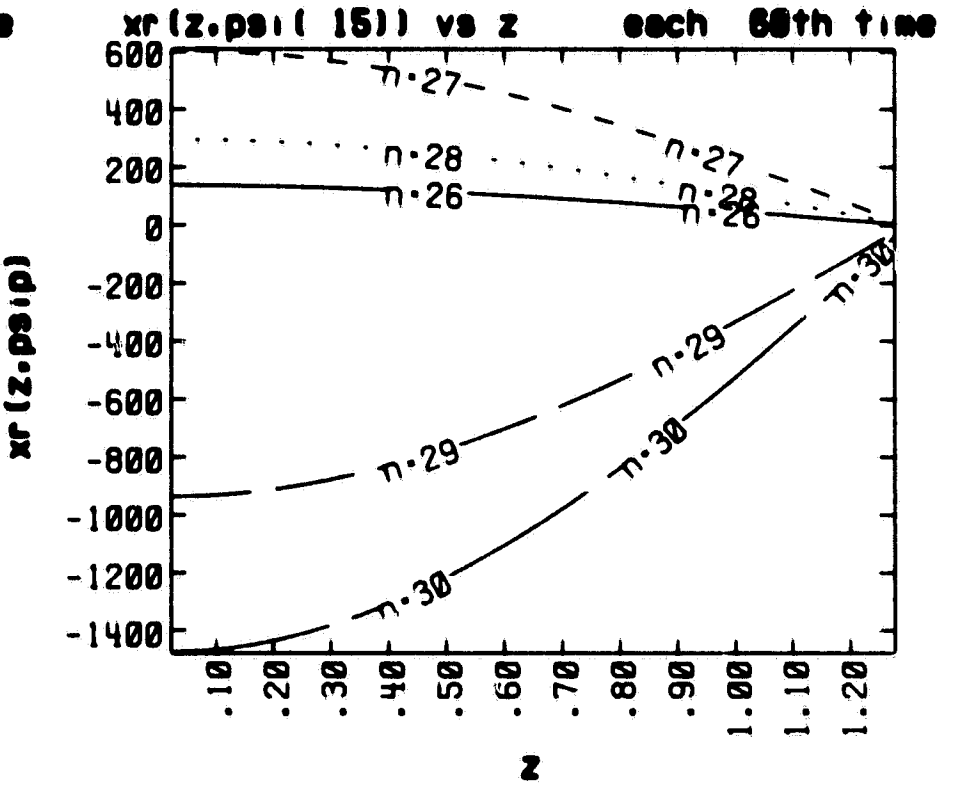

xr(z,psi(15)) vs z each 60th time
xr(z,psip)
z

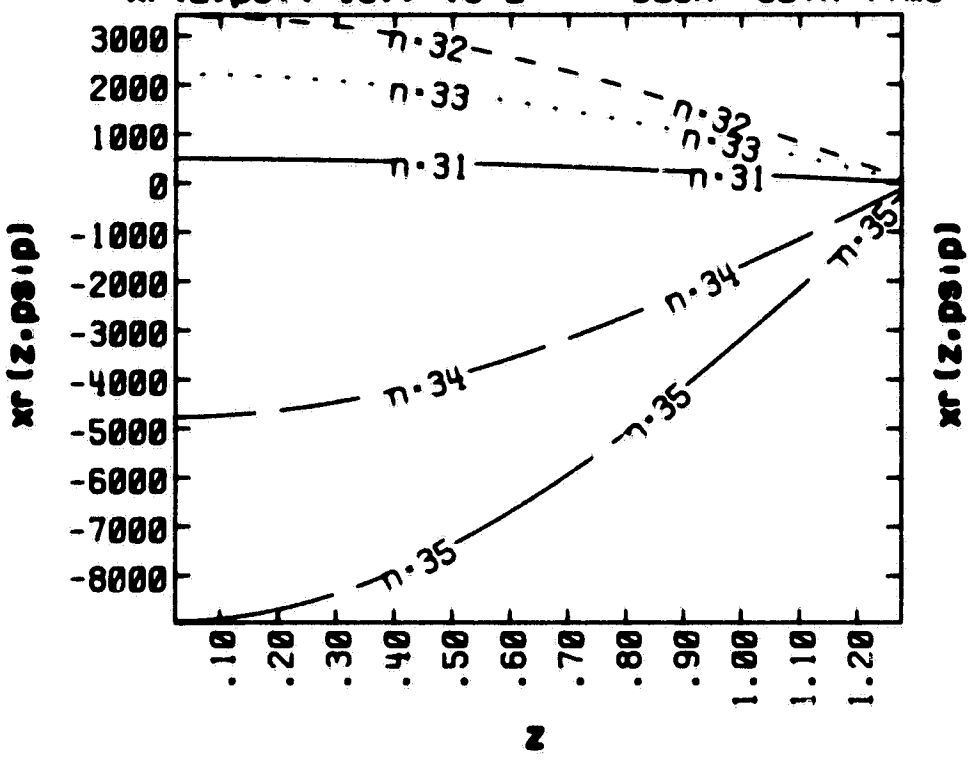

xr(z,psi(15)) vs z each 60th time
xr(z,psip)
z

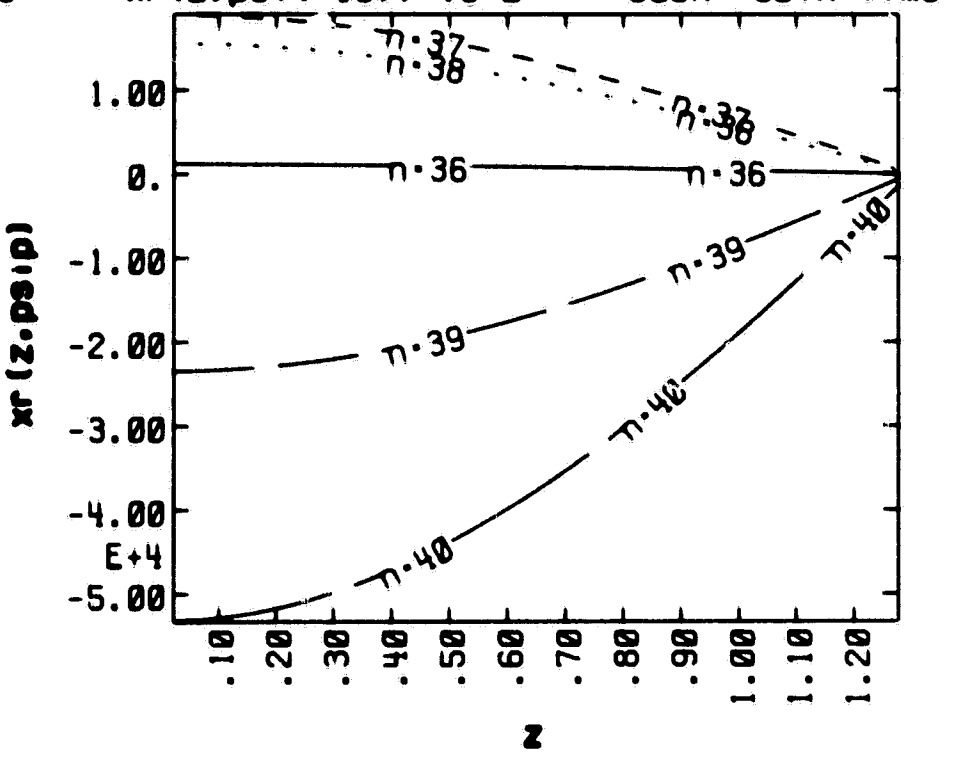

xr(z,psi(15)) vs z each 60th time
n·12
n·11
n·13
n·15
n·14
xr(z,psip)
z

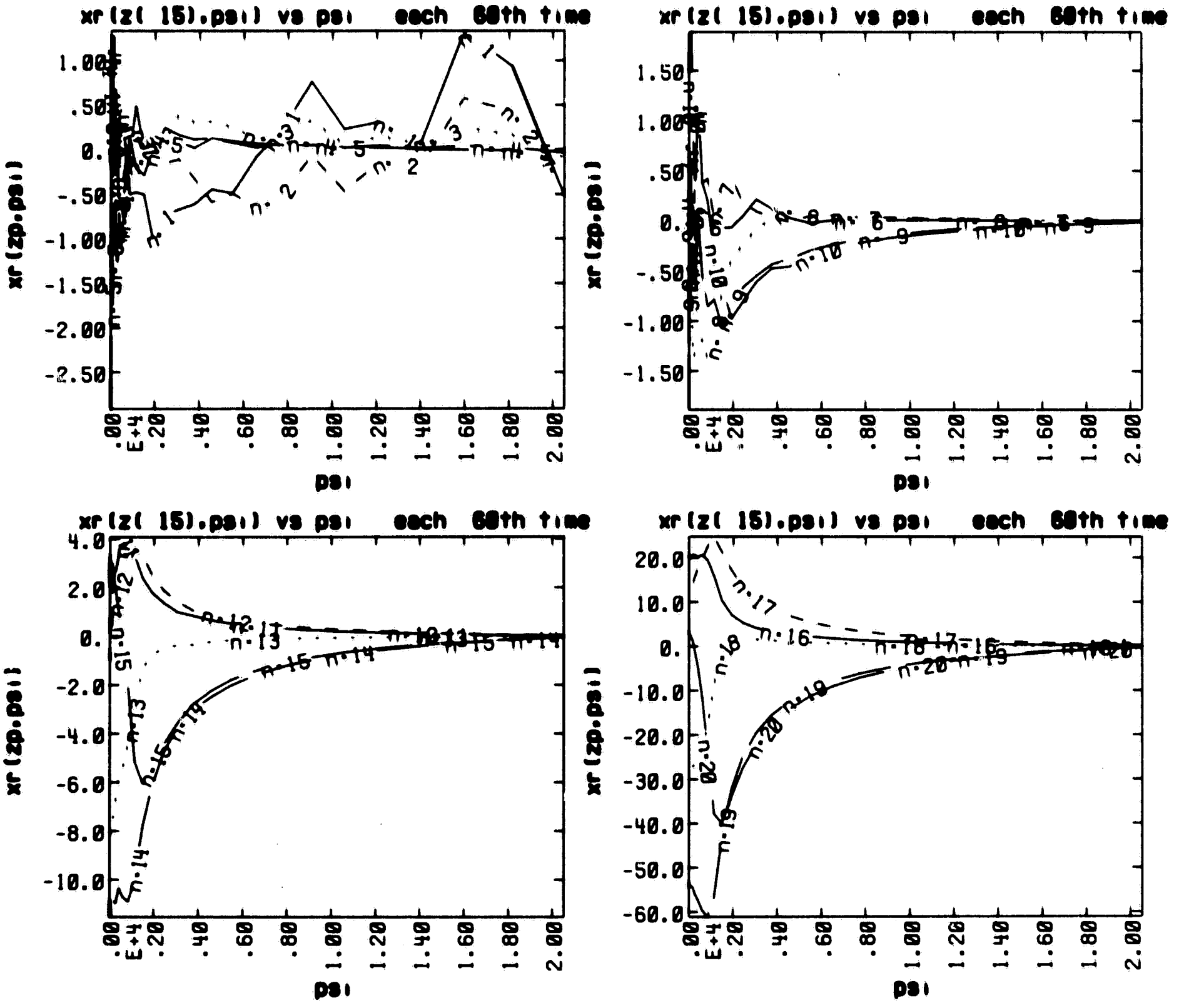

xr(z,psi(15)) vs z each 60th time
n·17
n·16
n·18
n·19
n·20
xr(z,psip)
z

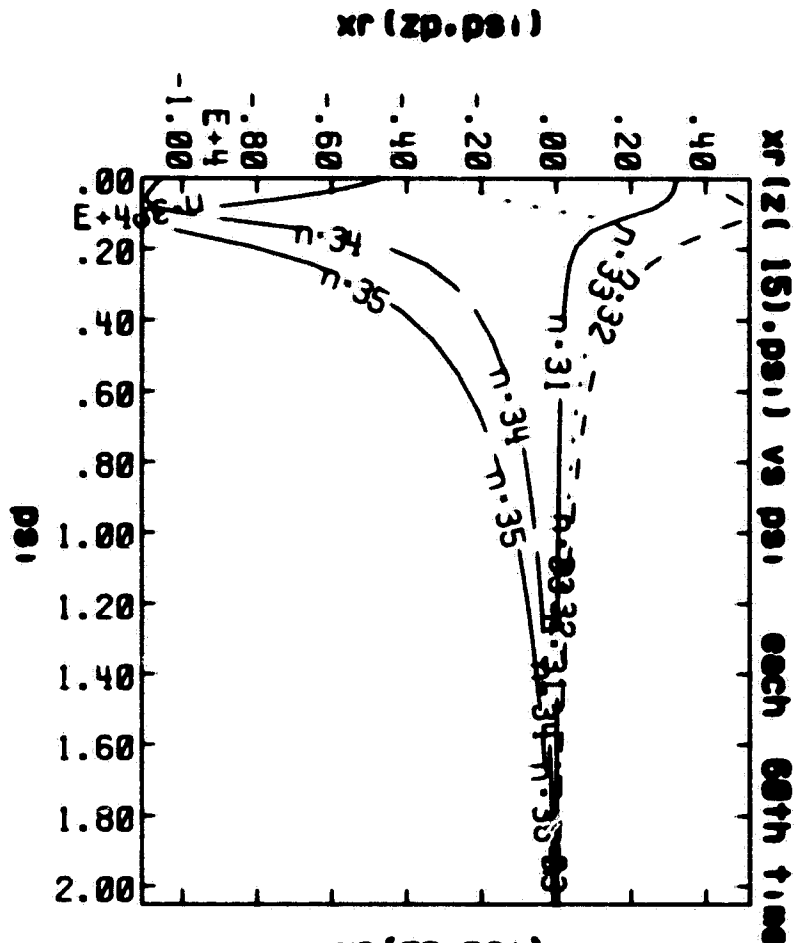

xr(z,psi(15)) vs z each 60th time
xr(z,psip)
z
n·22
n·23
n·24
n·25
100
50
0
-50
-100
-150
-200
.10
.20
.30
.40
.50
.60
.70
.80
.90
1.00
1.10
1.20

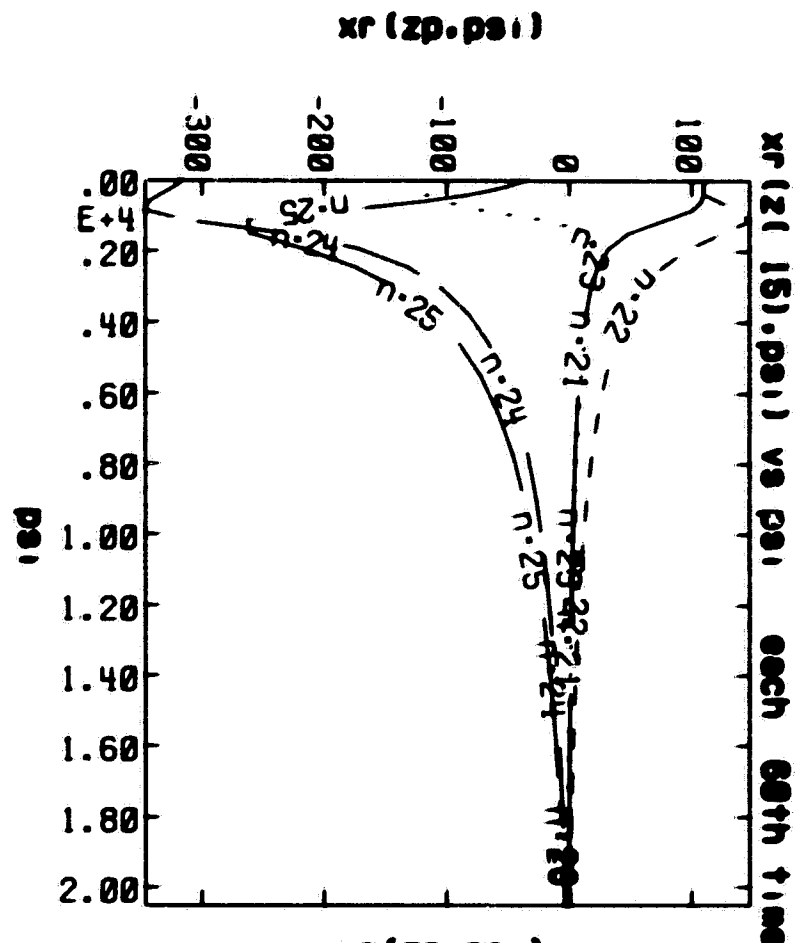

xr(z,psi(15)) vs z each 60th time
xr(z,psip)
z
n·27
n·28
n·26
n·29
n·30
600
400
200
0
-200
-400
-600
-800
-1000
-1200
-1400
.10
.20
.30
.40
.50
.60
.70
.80
.90
1.00
1.10
1.20

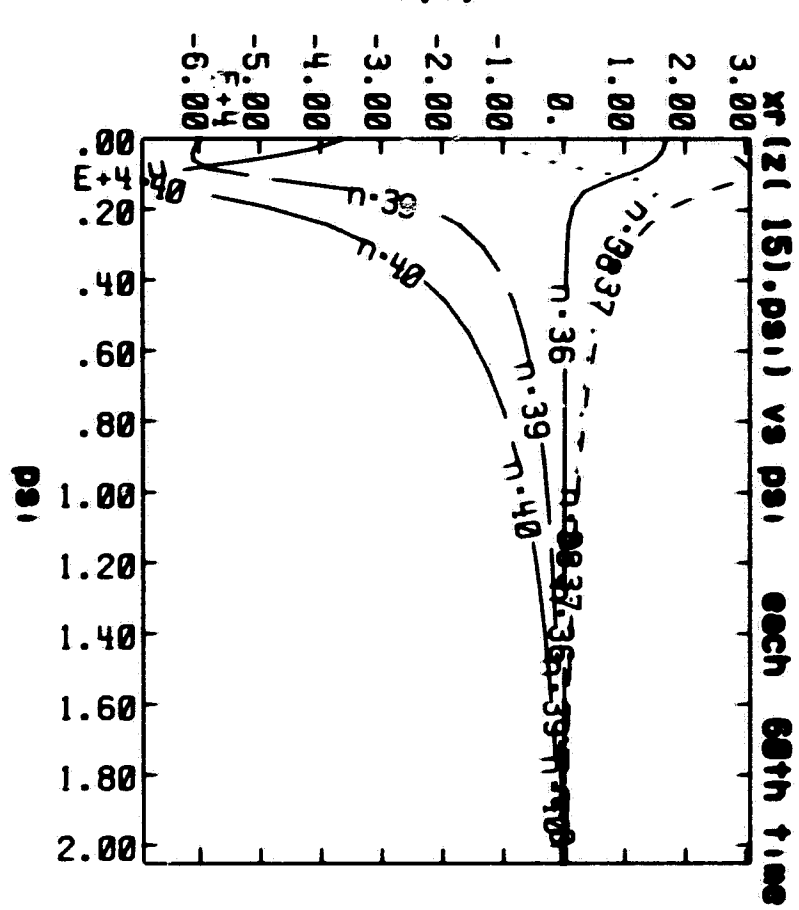

xr(z,psi(15)) vs z each 60th time
xr(z,psip)
z
n·32
n·33
n·31
n·34
n·35
3000
2000
1000
0
-1000
-2000
-3000
-4000
-5000
-6000
-7000
-8000
.10
.20
.30
.40
.50
.60
.70
.80
.90
1.00
1.10
1.20

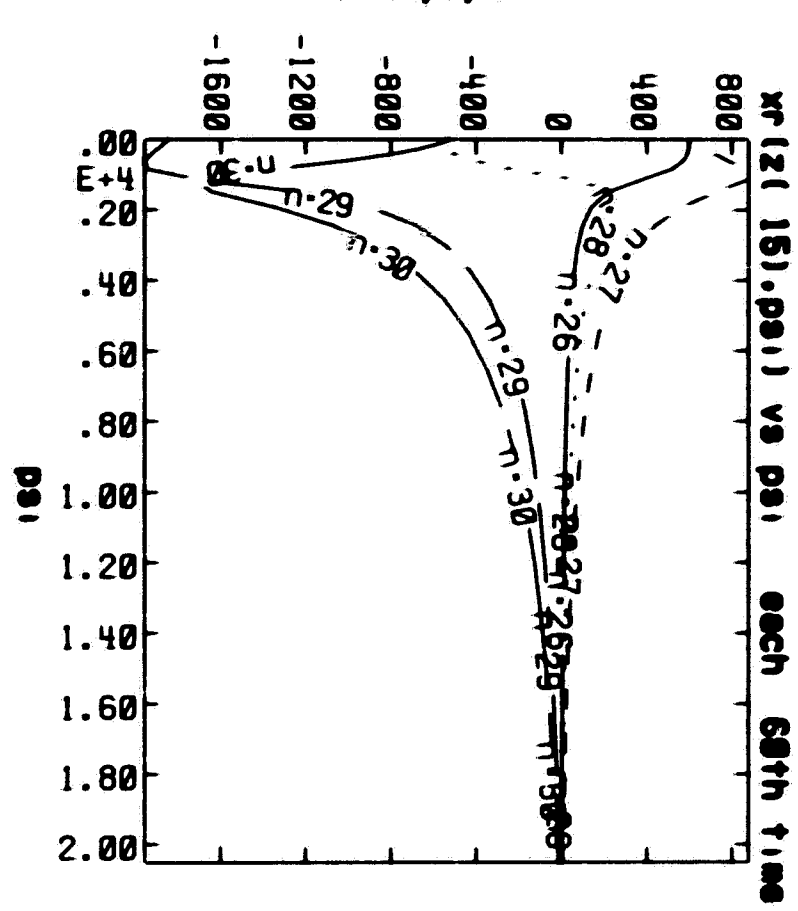

xr(z,psi(15)) vs z each 60th time
xr(z,psip)
z
n·37
n·38
n·36
n·39
n·40
1.00
0.
-1.00
-2.00
-3.00
-4.00
E+4
-5.00
.10
.20
.30
.40
.50
.60
.70
.80
.90
1.00
1.10
1.20

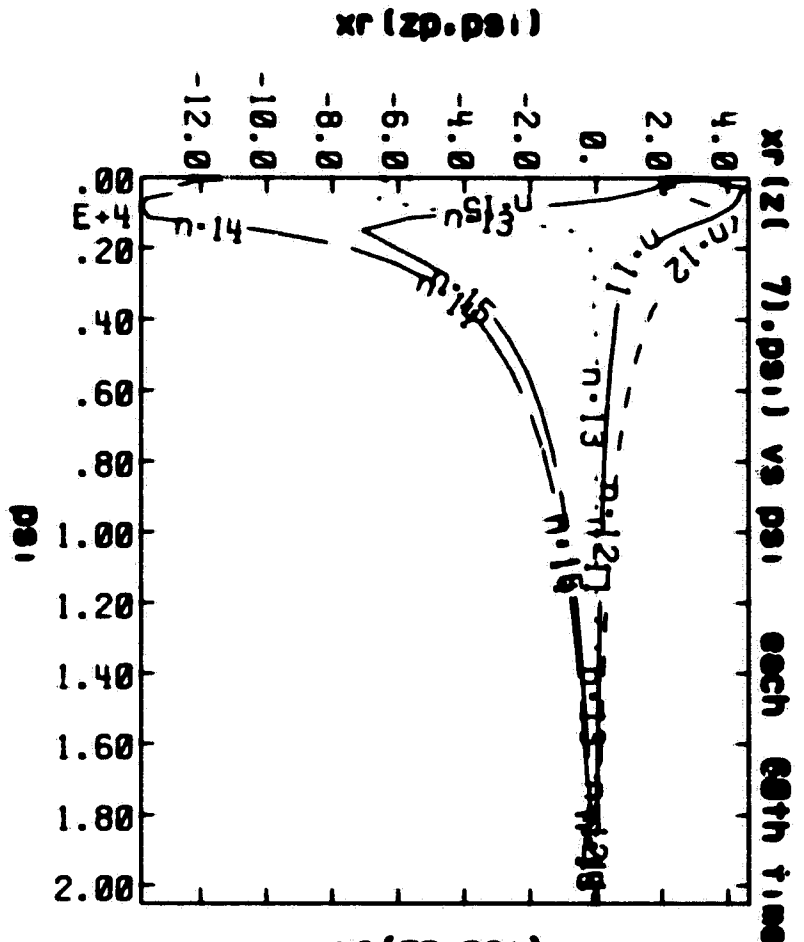

xr(z(15).psi) vs psi each 60th time
xr(zp.psi)
psi
xr(z(15).psi) vs psi each 60th time
xr(zp.psi)
psi
xr(z(15).psi) vs psi each 60th time
xr(zp.psi)
psi
xr(z(15).psi) vs psi each 60th time
xr(zp.psi)
psi

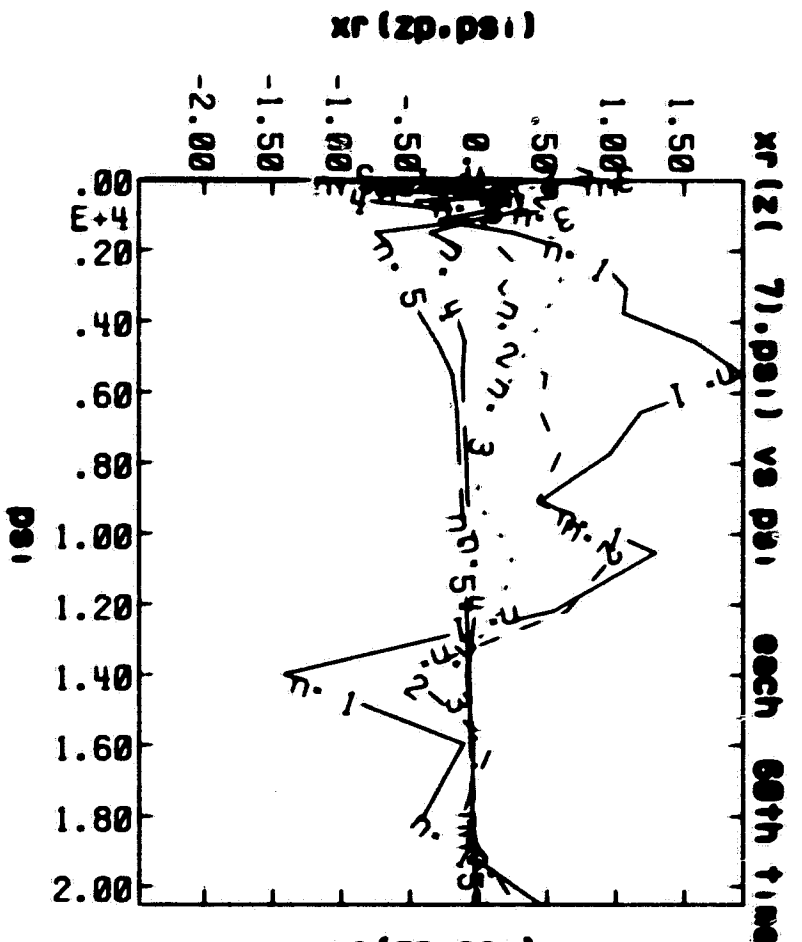

xr (zp.psi)
xr (zp.psi)
xr (zl (15).psi) vs psi each 60th time
psi
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
E+4
-1.00
-.80
-.60
-.40
-.20
.00
.20
.40
n.35
n.34
n.33
n.32
n.31

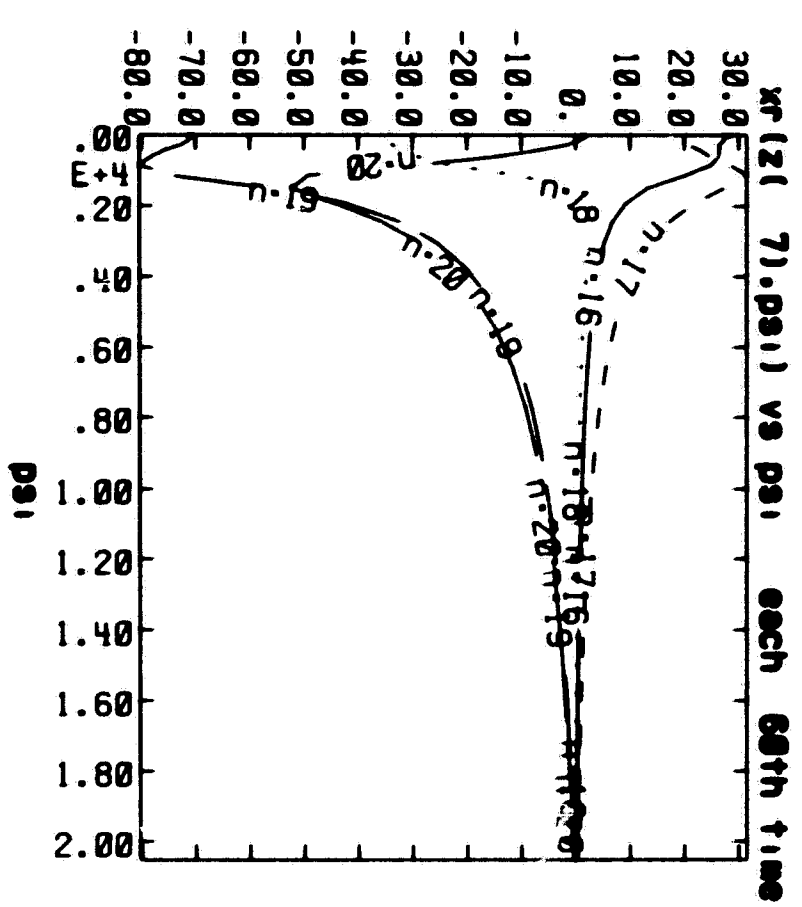

xr (zp.psi)
xr (zp.psi)
xr (zl (15).psi) vs psi each 60th time
psi
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
E+4
-300
-200
-100
0
100
n.25
n.24
n.23
n.22
n.21

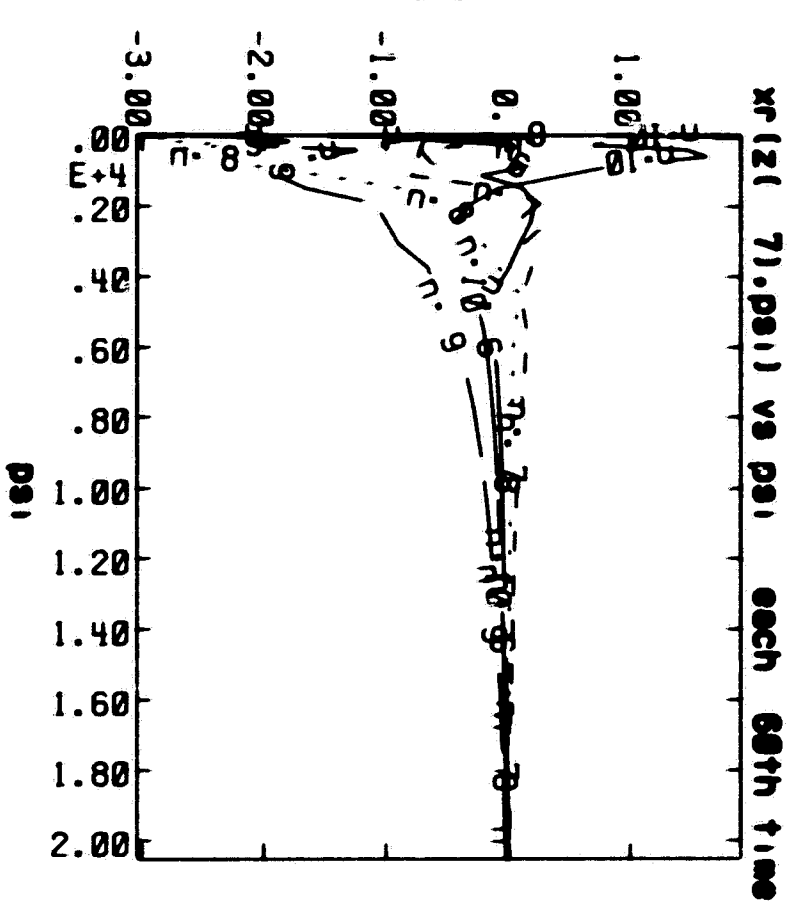

xr (zp.psi)
xr (zp.psi)
xr (zl (15).psi) vs psi each 60th time
psi
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
E+4
-6.00
-5.00
-4.00
-3.00
-2.00
-1.00
0.
1.00
2.00
3.00
n.40
n.39
n.38
n.37
n.36

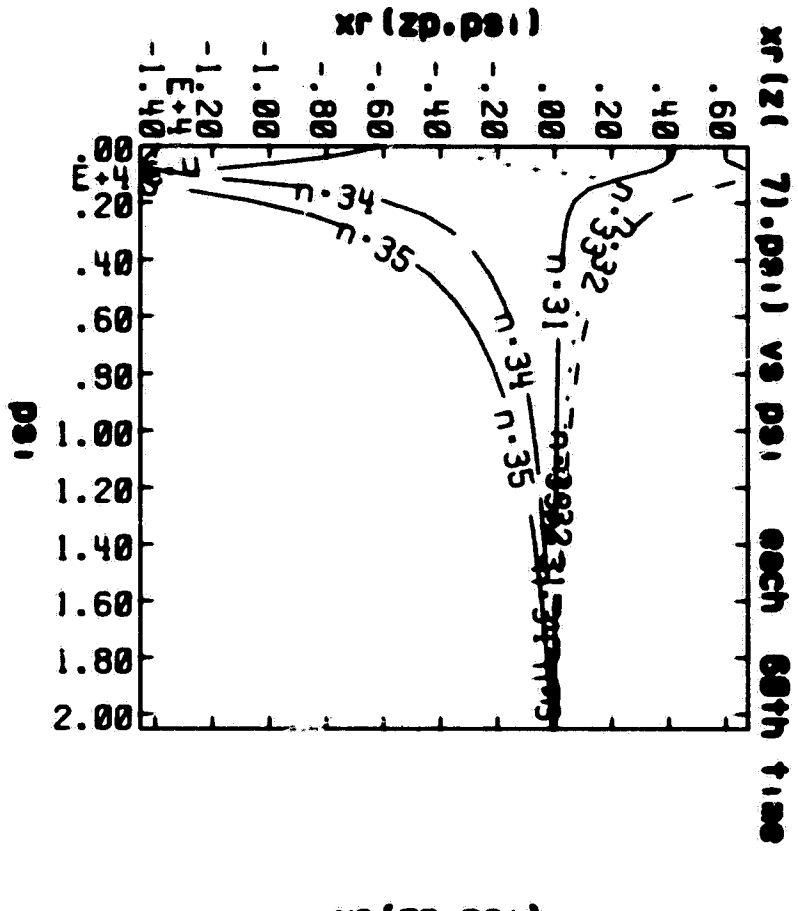

xr (zp.psi)
xr (zp.psi)
xr (zl (15).psi) vs psi each 60th time
psi
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
E+4
-1600
-1200
-800
-400
0
400
800
n.30
n.29
n.28
n.27
n.26

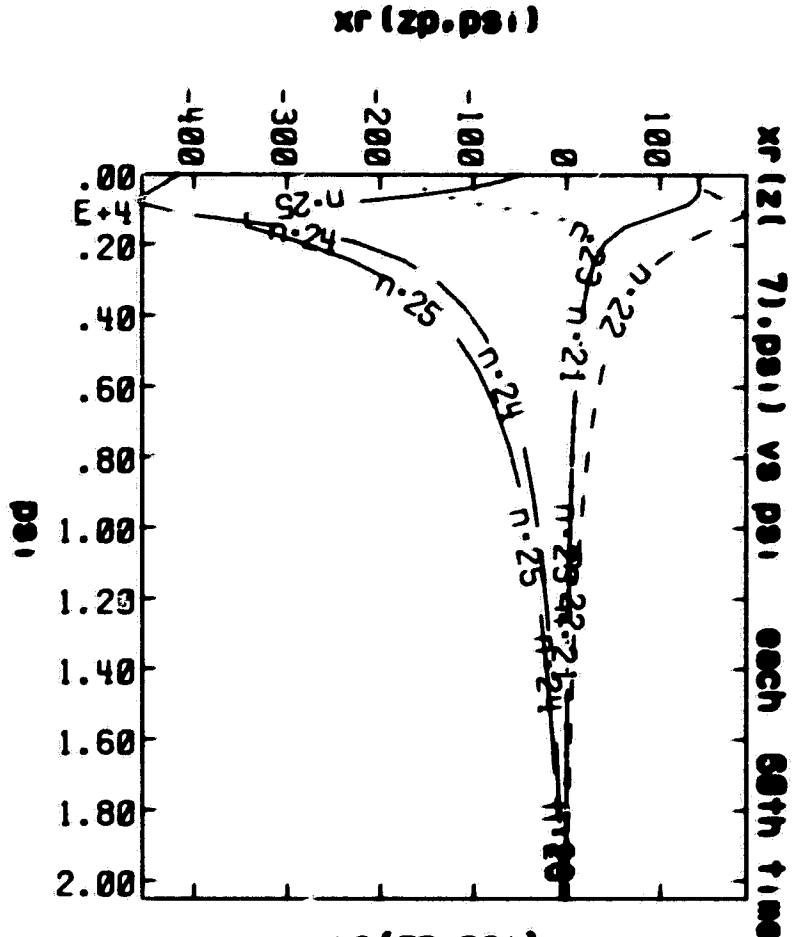

xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-12.0
-10.0
-8.0
-6.0
-4.0
-2.0
0.
2.0
4.0

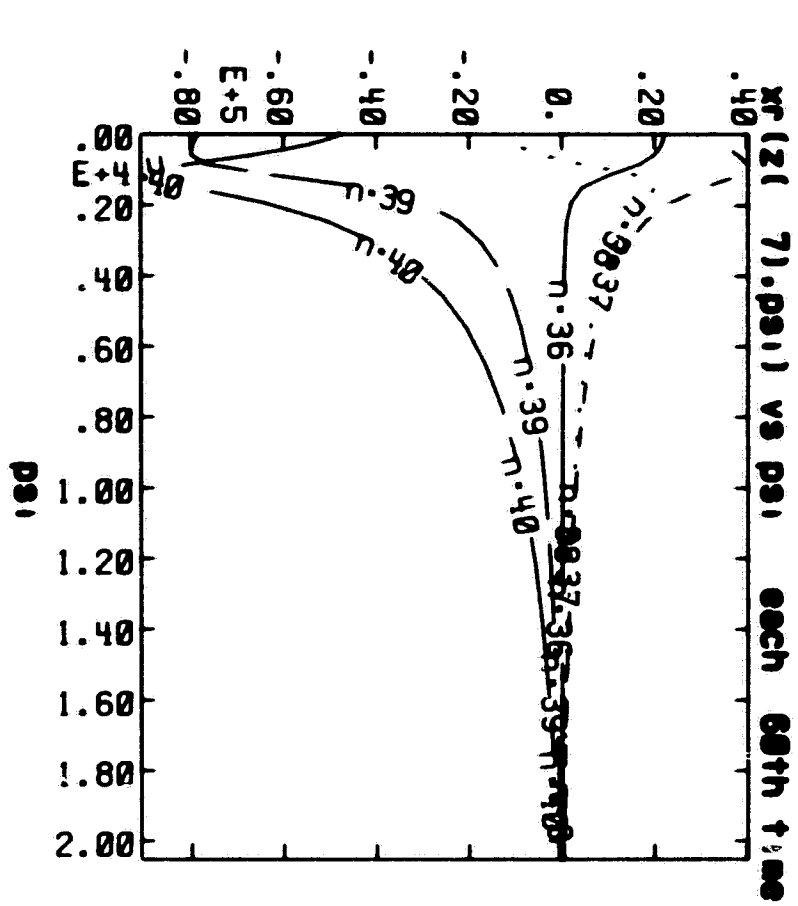

xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-2.00
-1.50
-1.00
-.50
0.
.50
1.00
1.50

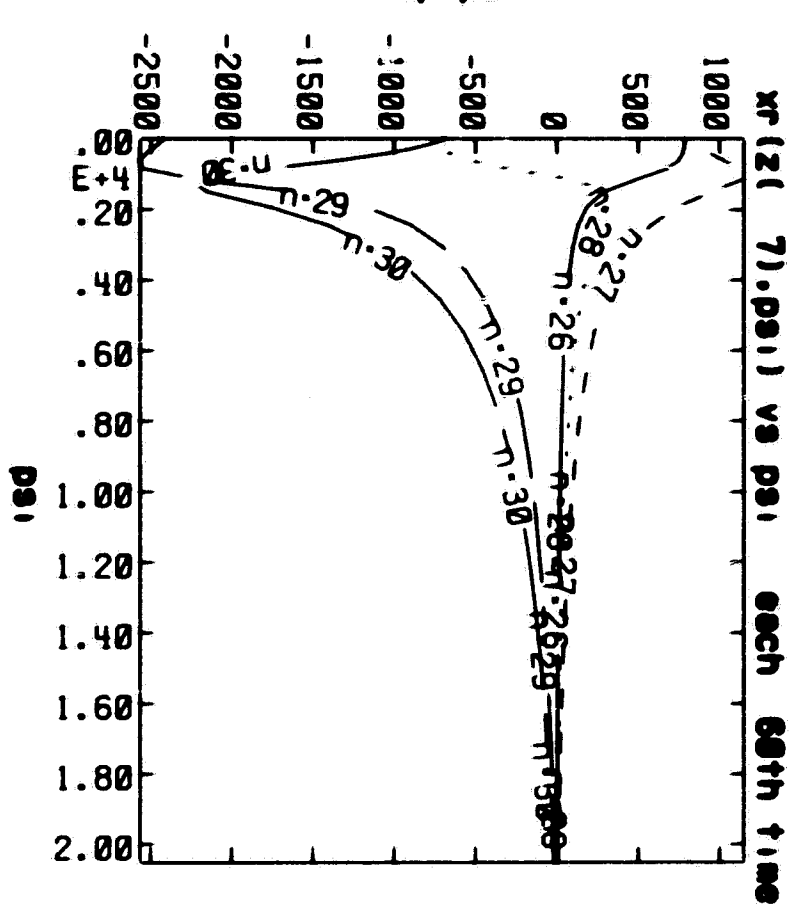

xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-80.0
-70.0
-60.0
-50.0
-40.0
-30.0
-20.0
-10.0
0.
10.0
20.0
30.0

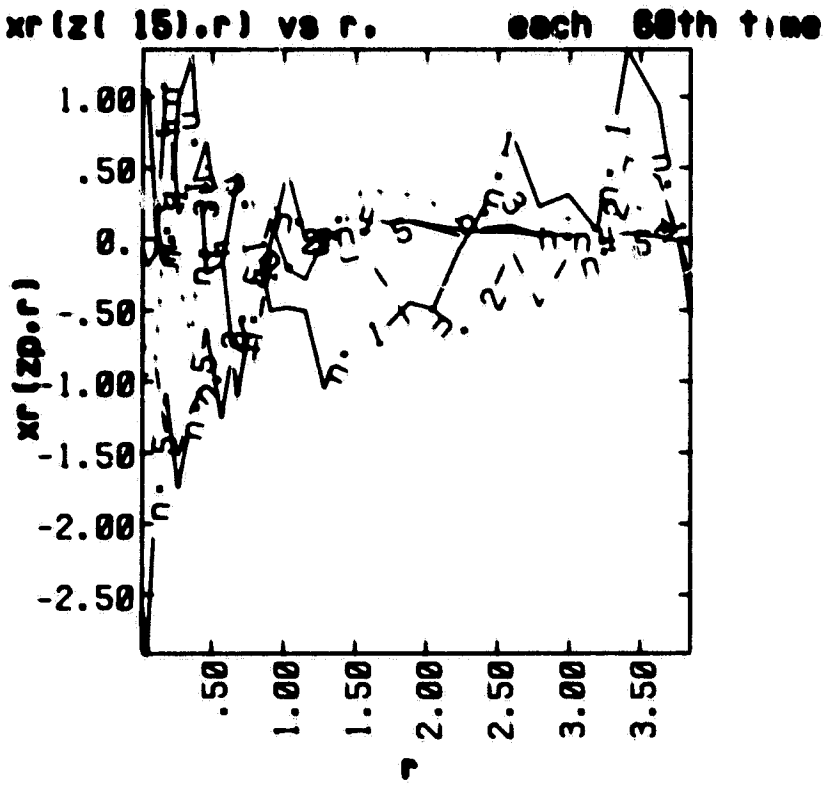

xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-3.00
-2.00
-1.00
0.
1.00

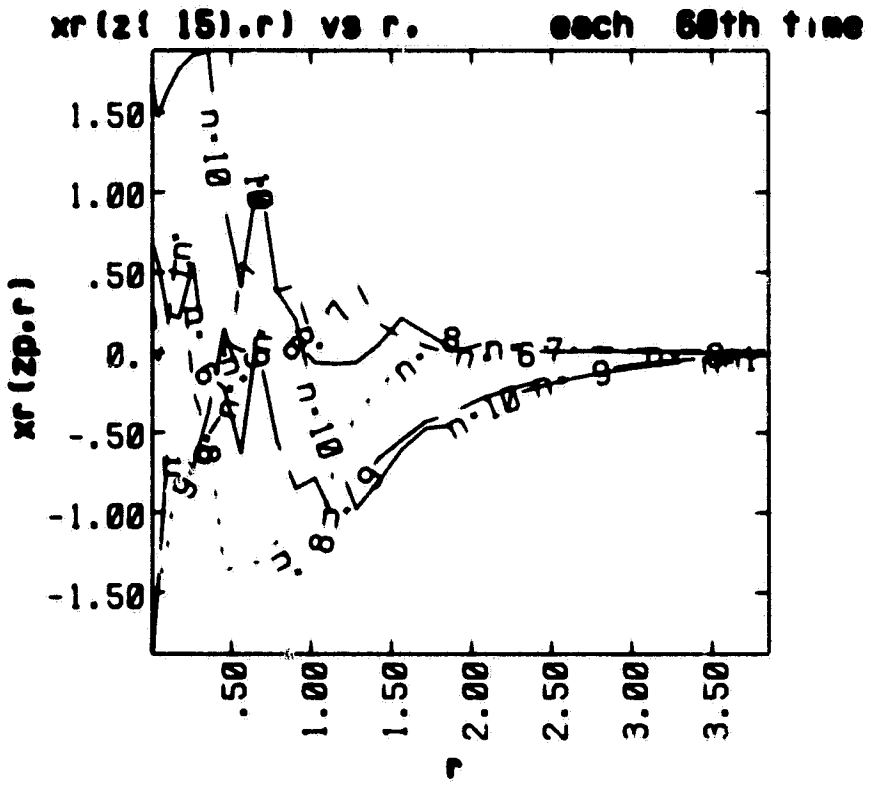

xr (zp.psi)
xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-1.40
-1.20
-1.00
-.80
-.60
-.40
-.20
.00
.20
.40
.60
n.35
n.34
n.33
n.32
n.31

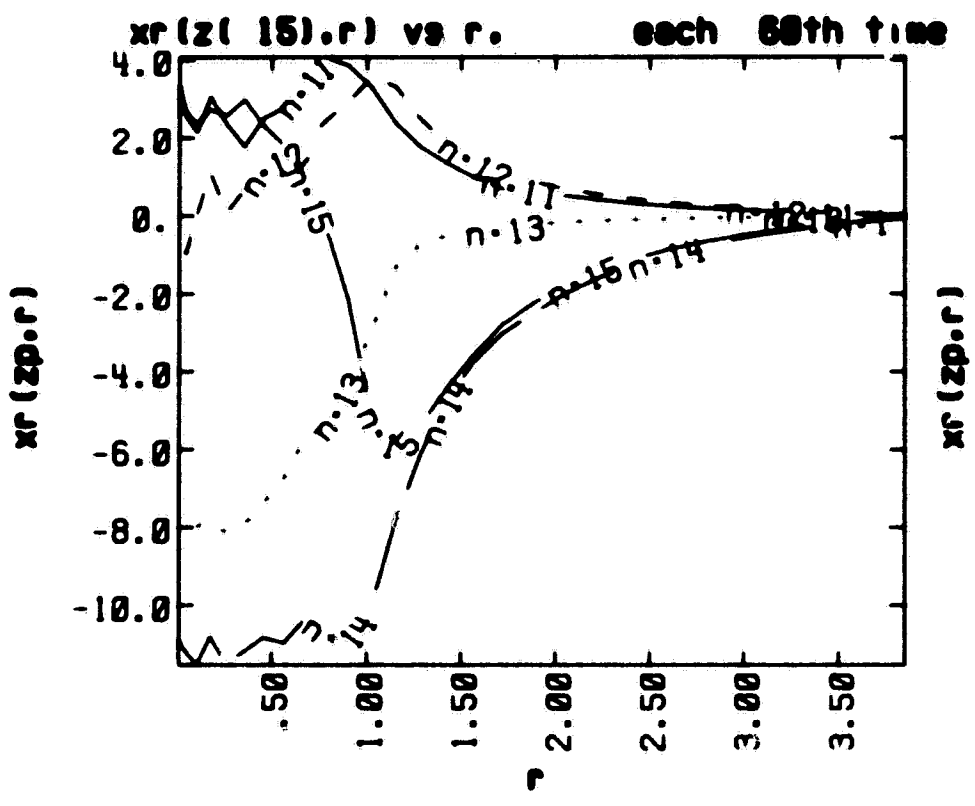

xr (zp.psi)
xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-400
-300
-200
-100
0
100
n.25
n.24
n.23
n.22
n.21

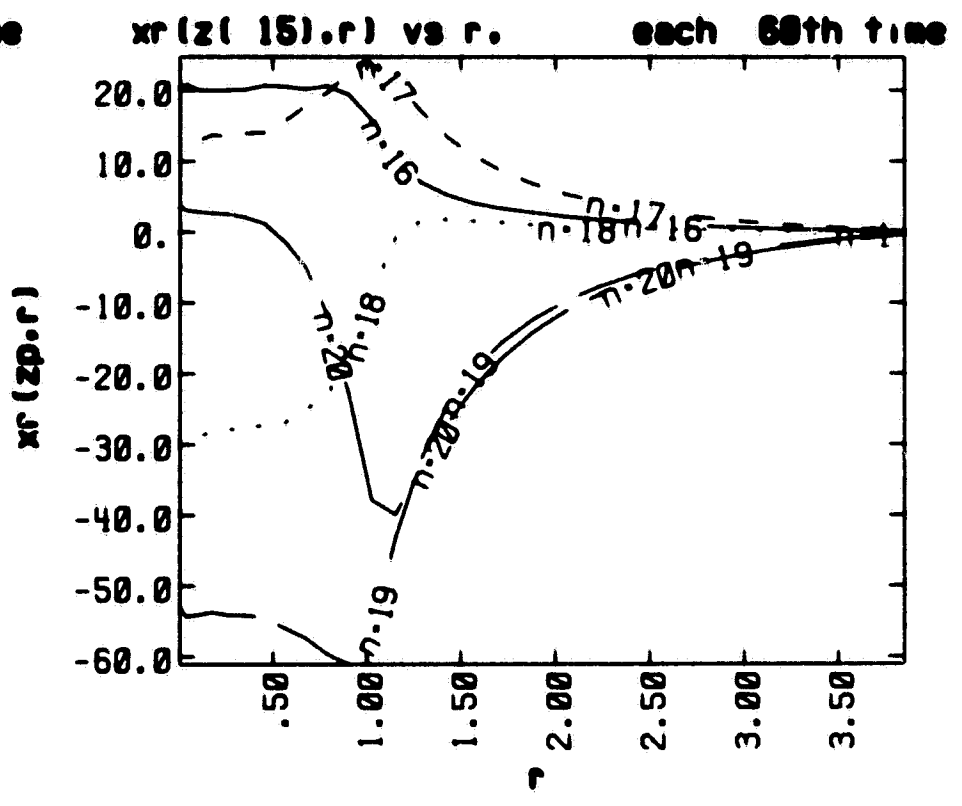

xr (zp.psi)
xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+5
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-.80
-.60
-.40
-.20
0.
.20
.40
n.40
n.39
n.38
n.37
n.36

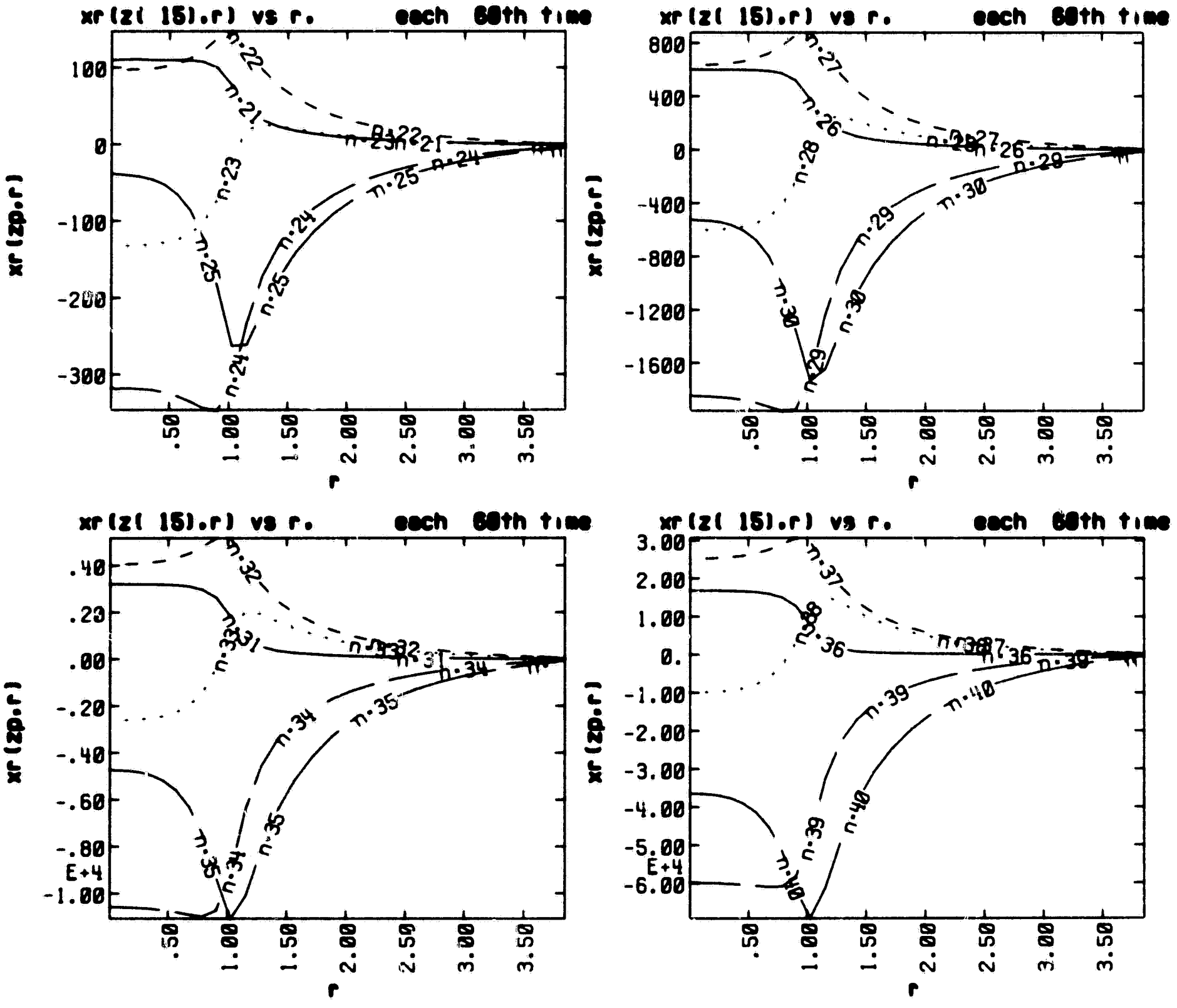

xr (zp.psi)
xr (zp.psi)
xr (zl 71.psi) vs psi each 60th time
psi
E+4
.00
.20
.40
.60
.80
1.00
1.20
1.40
1.60
1.80
2.00
-2500
-2000
-1500
-1000
-500
0
500
1000
n.30
n.29
n.28
n.27
n.26

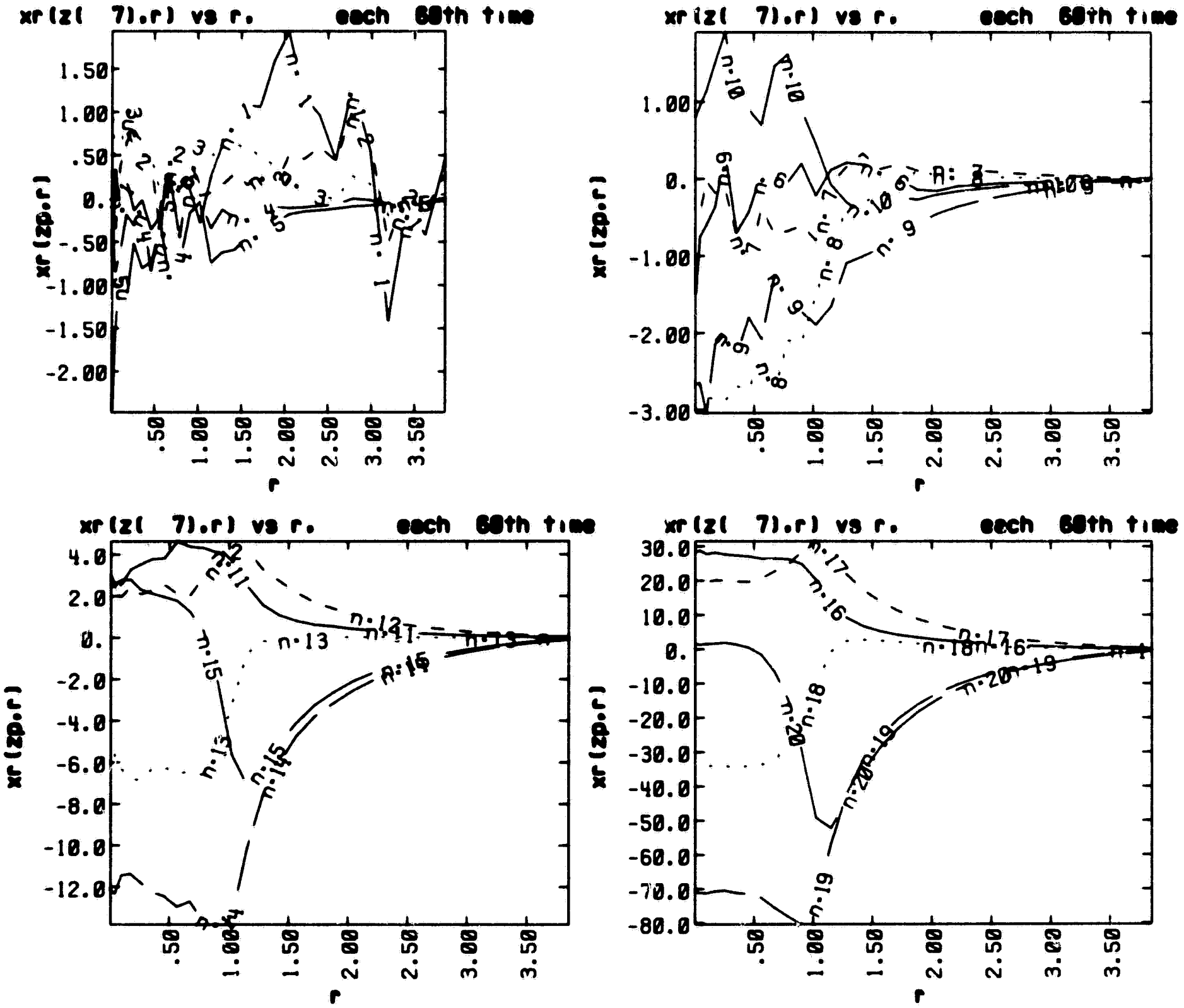

xr(z(15).r) vs r. each 60th time
xr(zp.r)
r

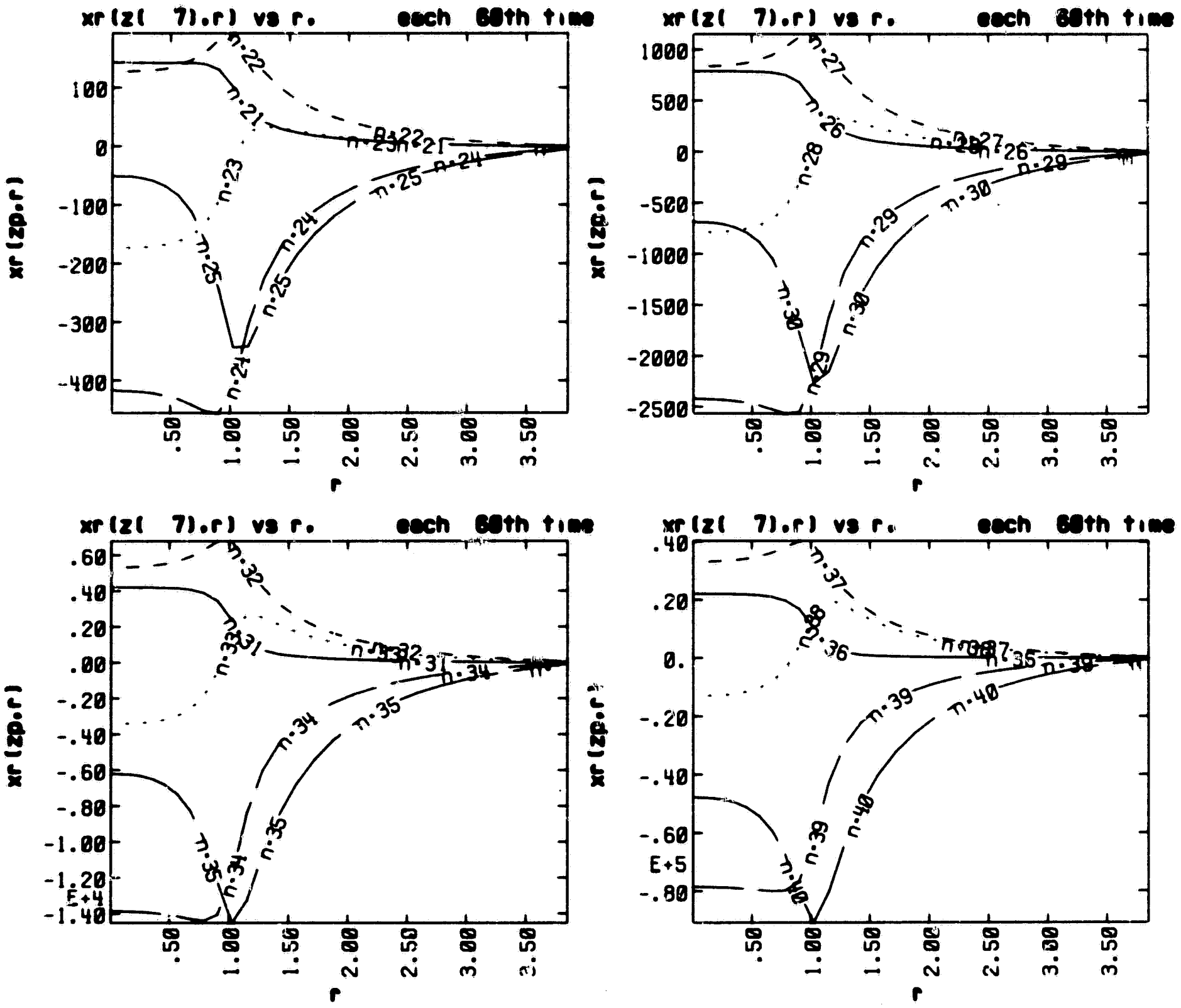

xr(z(15).r) vs r. each 60th time
xr(zp.r)
r

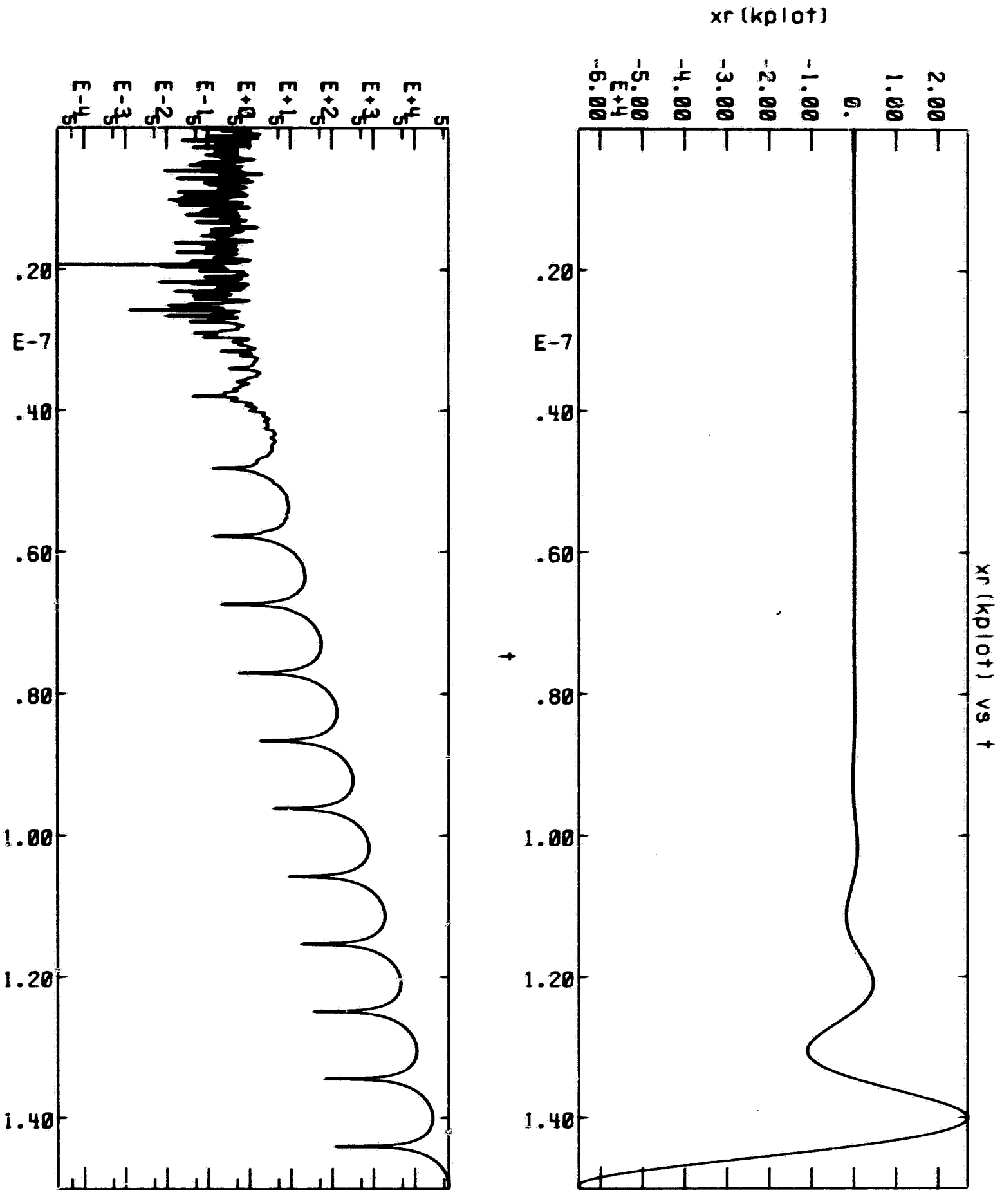

xr(z(15).r) vs r. each 60th time
xr(zp.r)
r


xr(z(15).r) vs r. each 60th time
xr(zp.r)
r


xr(z(15).r) vs r. each 60th time
xr(zp.r)
r
xr(z(15).r) vs r. each 60th time
xr(zp.r)
r
xr(z(15).r) vs r. each 60th time
xr(zp.r)
r
xr(z(15).r) vs r. each 60th time
xr(zp.r)
r


xr(z(7),r) vs r. each 60th time
xr(zp,r)
r
xr(z(7),r) vs r. each 60th time
xr(zp,r)
r
xr(z(7),r) vs r. each 60th time
xr(zp,r)
r
xr(z(7),r) vs r. each 60th time
xr(zp,r)
r


xr(z(7),r) vs r. each 60th time
xr(zp,r)
r
xr(z(7),r) vs r. each 60th time
xr(zp,r)
r
xr(z(7),r) vs r. each 60th time
xr(zp,r)
r
xr(z(7),r) vs r. each 60th time
xr(zp,r)
r


xr (kplot)
E-4
E-3
E-2
E-1
E+0
E+1
E+2
E+3
E+4
5
-6.00
E+4
-5.00
-4.00
-3.00
-2.00
-1.00
0.
1.00
2.00
.20
E-7
.40
.60
.80
1.00
1.20
1.40
xr (kplot) vs t

box u21$

graflib:gcs02042kcs02042
16 frames

22:27:5410/22/82 c