

1

```
aname      · r0 1.680250364741-987 0. 0. 0.  
mm         · 1  
bias       · 1.e-02  
lmax       · 4  
nmax       · 100  
ndiag      · 20  
nen        · 1  
fil        · 1.  
fizx       · 1.  
fjl        · 1.  
fjrx       · -1.  
ex0        · 1.  
exl        · 0.  
fpsl       · 0.5  
fu         · 0.5  
fy         · 0.5  
fz         · 0.5  
kplotm     · 0  
kzs        · 1  
jfour      · 1  
nfourp     · 1500  
nfourmax   · 5  
sf6        · 1.  
sf8        · 1.  
swg1       · 1.  
swg2       · 1.  
swg3       · 1.  
swg4       · 1.  
·
```

echarg	• 4.8e-10
rw	• 50.
rw1	• 49.99
psihrel	• 1.6
dpsihrel	• 3.e-02
psi0rel	• 0.5
nsloshin	• 1.3e+14
cold	• 1.
z3rel	• 0.94
dip	• 0.
psislp	• 1.e-02
ncenter	• 1.3e+14
betsish	• 5.e-02
betcent	• 5.e-02
rpl	• 1.005
rcwall	• 0.
er	• -10000.
exrho	• 3.
bceng	• 1000.
xpot	• 1.
ypot	• 1.
wpot	• 2.
betcene	• 5.e-02
betsise	• 5.e-02
betring	• 0.
ps1rel	• 1.e-02
ps12rel	• 3.e-02
p2wide	• 0.99
ps13rel	• 1.05
pe10	• 0.
p2ewind	• 0.1
ps10ere1	• 0.65
p2floor	• 0.
p2flag	• 0.
p1floor	• 0.
fring	• 0.5
long	• 1
betpas1	• 0.
ppas2	• 0.
dpas1	• 200.
d1trap	• 0.
ppas3	• 0.
betrap	• 1.e-06

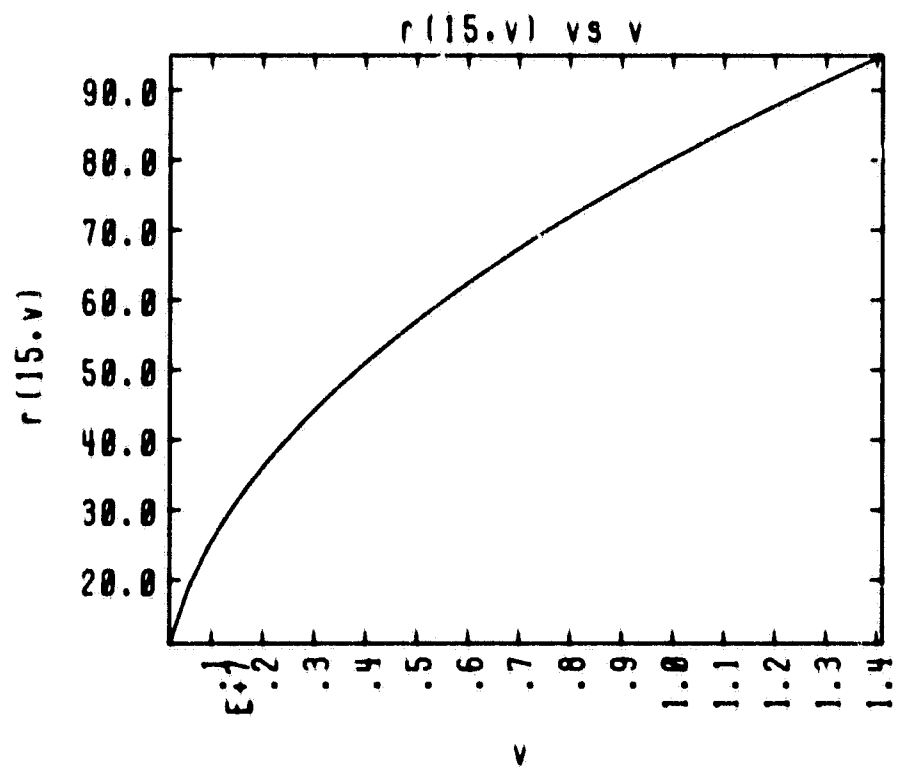
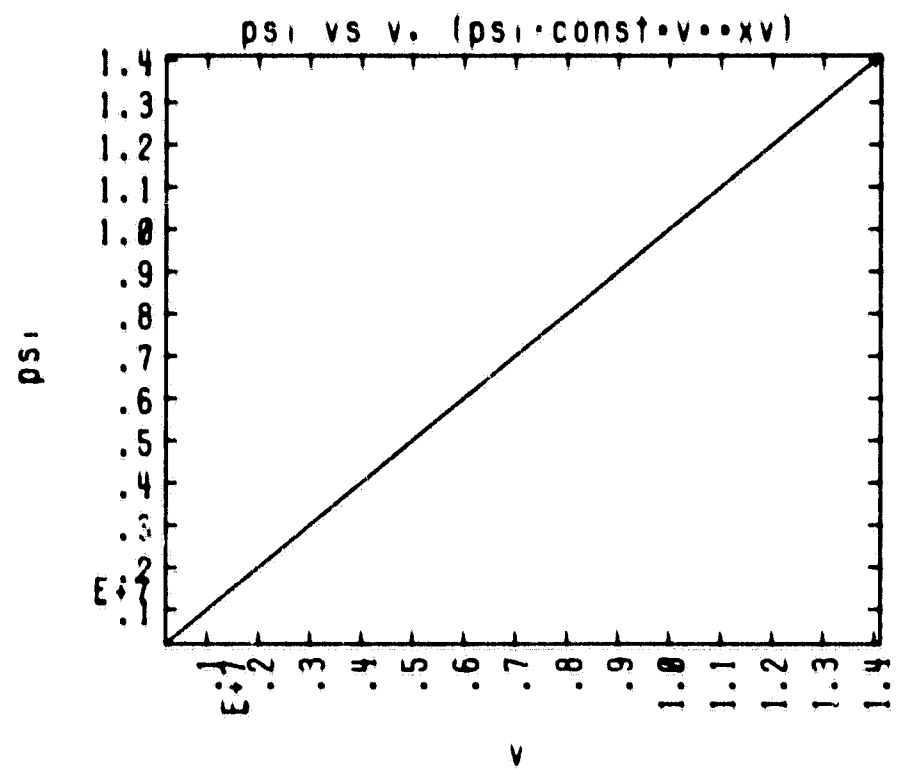
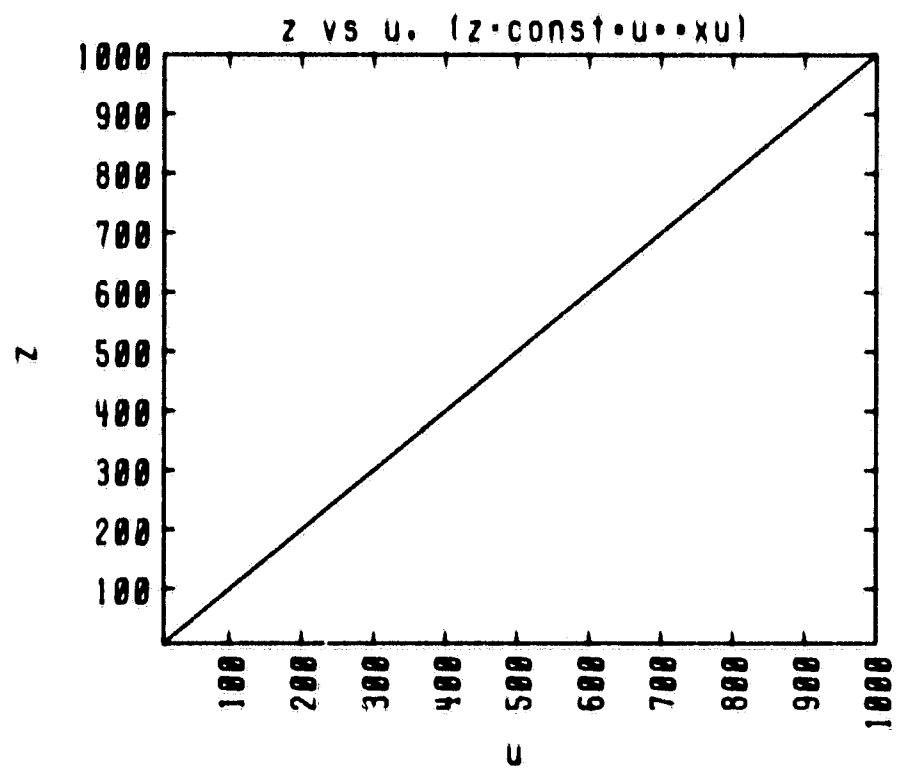
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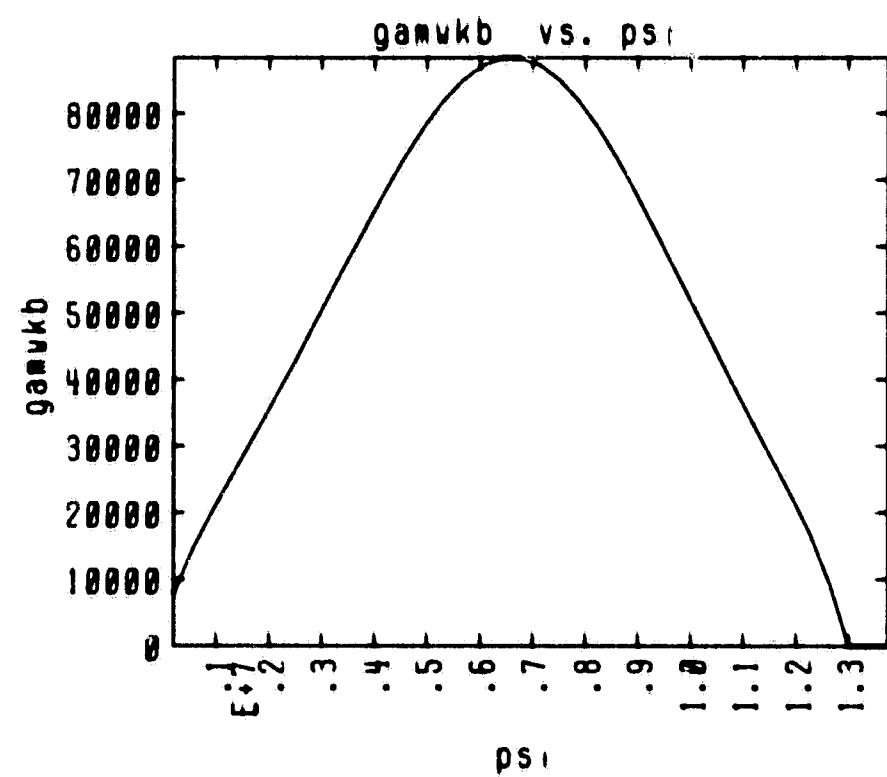
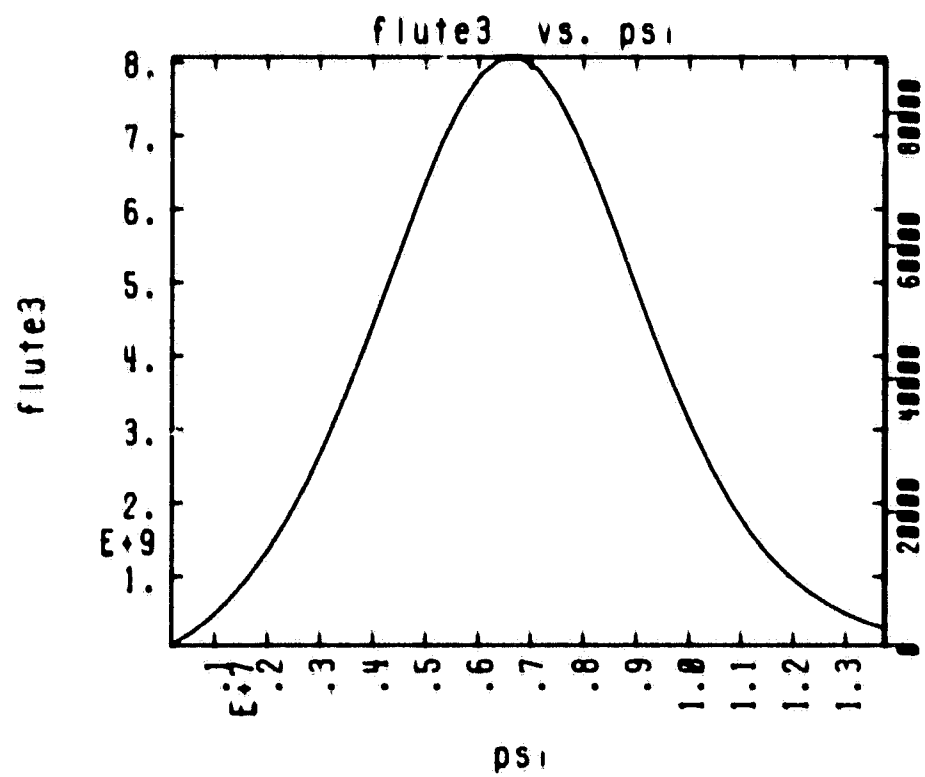
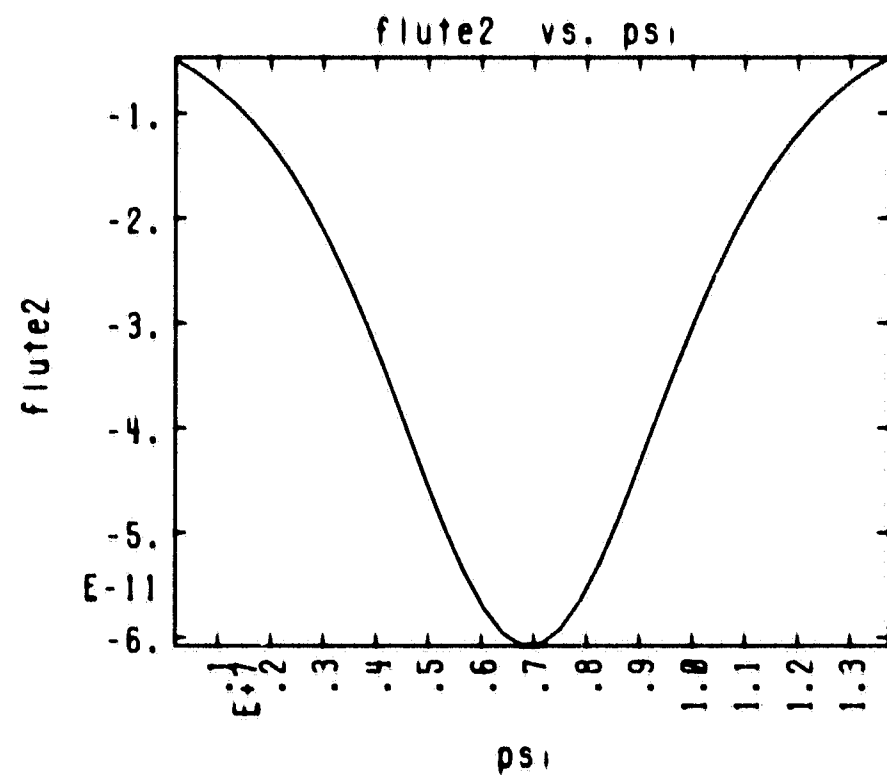
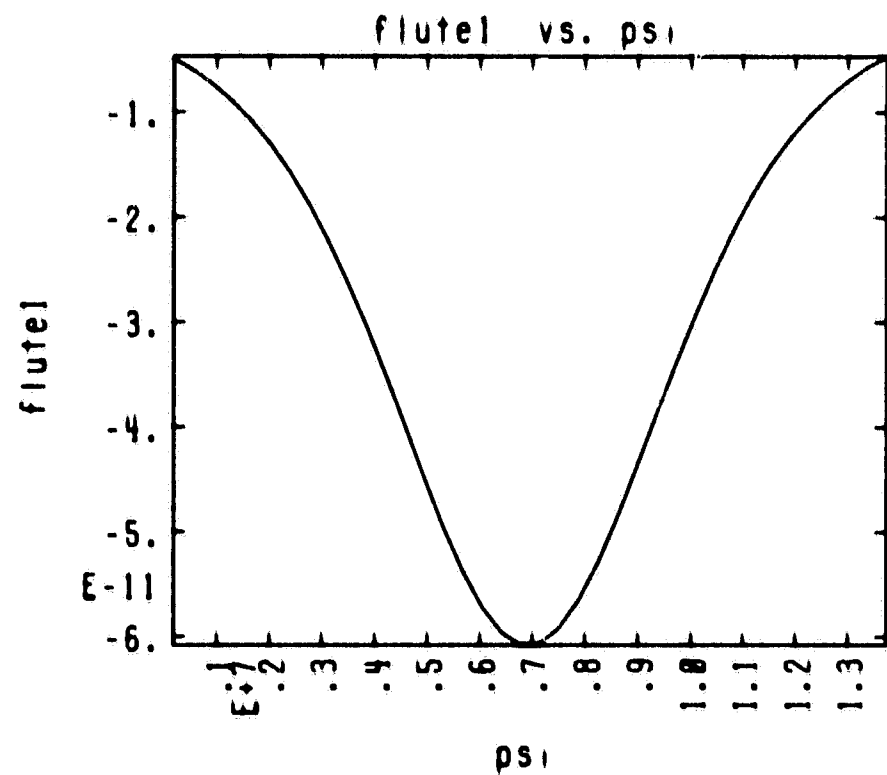
bmx1	• 30000.
bmx2	• 30000.
bmx3	• 30000.
bmn1	• 0.
bmn2	• 0.
ncoil	• 2
z1c	• 500.
z2c	• 980.
z3c	• 980.
z1min	• 0.
z2min	• 0.
as	• 100. 100. 100.
als	• 1.e-05 1.e-05 1.e-05
dphi	• 0.
phicen	• 1.
phiplg	• 0.
kin	• 23
bceng	• 10000.
epsp	• 1.e-06
ztrans	• 1.6
ltrans	• 4.e-02
zmax	• 1000.
dt	• 1.e-05
theta0	• 0.
pfudge	• 0.
•	

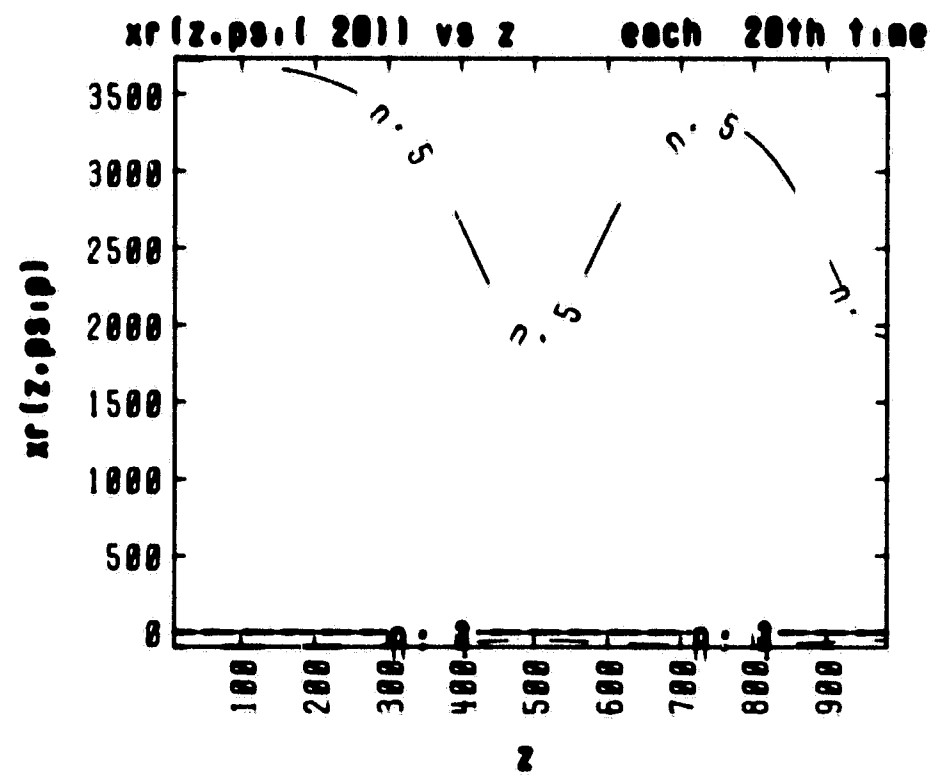
this problem run by xflrot

problem identification : rotate 35

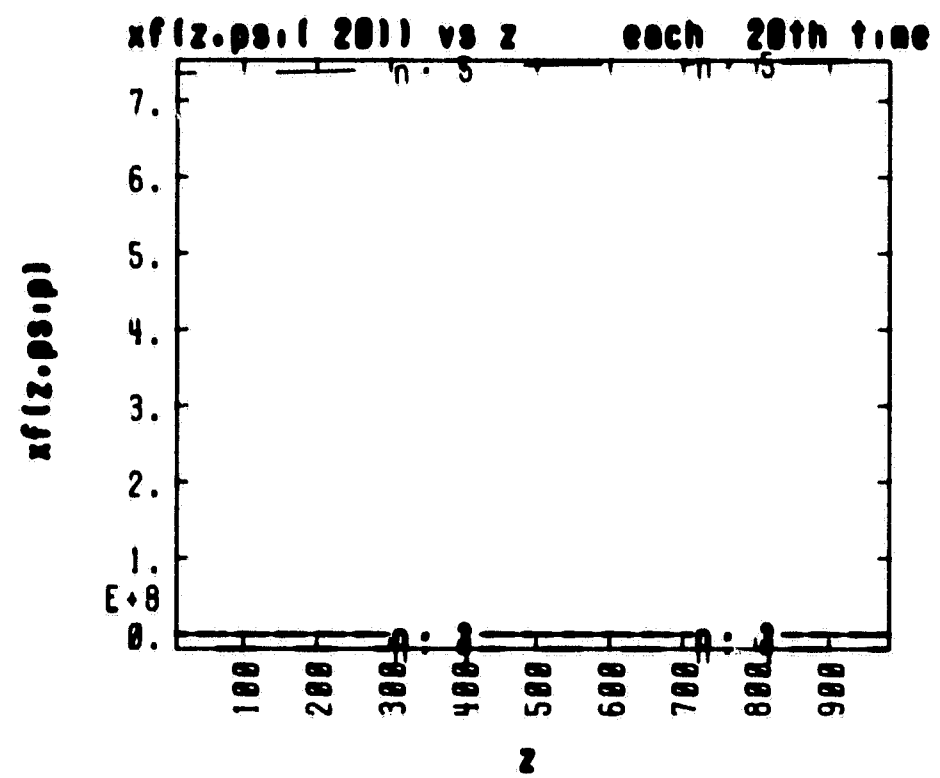
dt· 1.000000e-05 ix· 60 jx· 40  
total time steps · 100 no. of iterations · 4 bias· 0.01000  
flr· 1.00000000e+00 sf6· 1.00000000e+00 sf8· 1.00000000e+00  
kplot· 1044 kzs· 1  
cpu time · 1.60170720e+13  
i-o time · 3.66816000e+12  
sys time · 1.16148600e+12  
u exponent (xu) · 1.00000000e+00  
v exponent (xv) · 1.00000000e+00  
bmnl· 3.77673731e+03 bml· 3.79562100e+03 bv3· 1.12837918e+04  
total energy rel. error· 2.14496548e-02  
potential energy· -1.22852777e+15  
kinetic energy· 1.20245589e+15

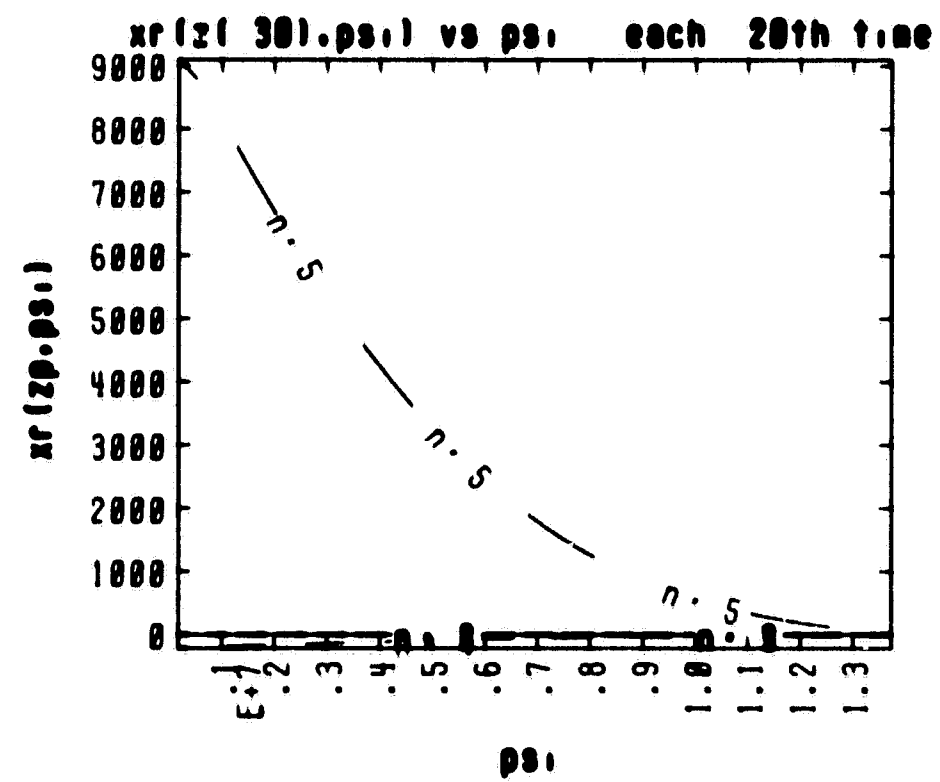


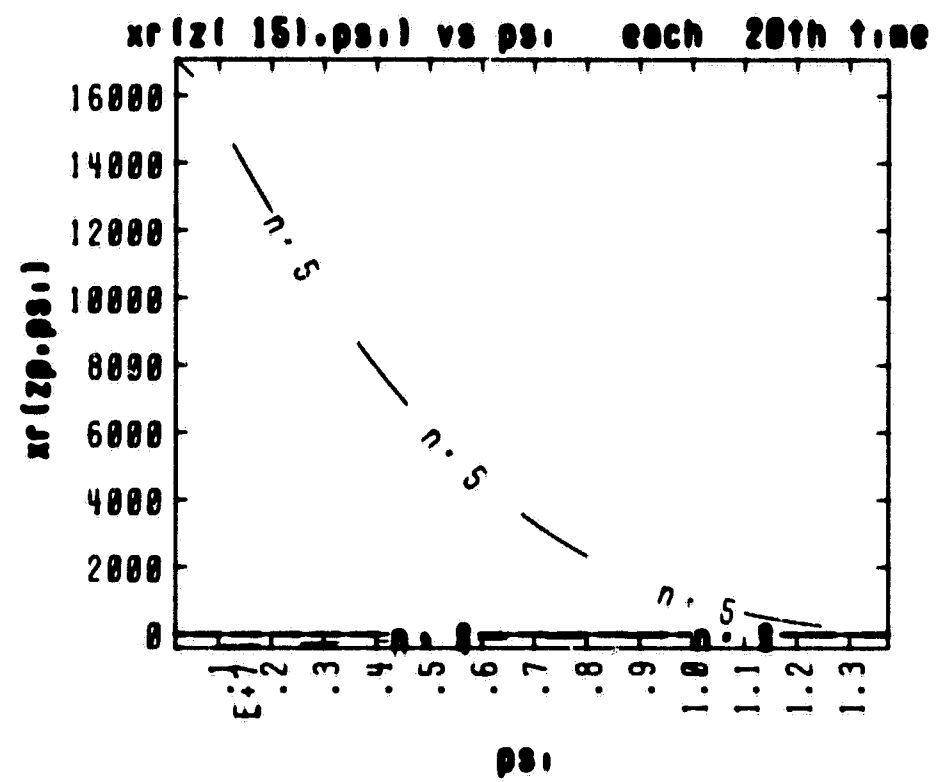


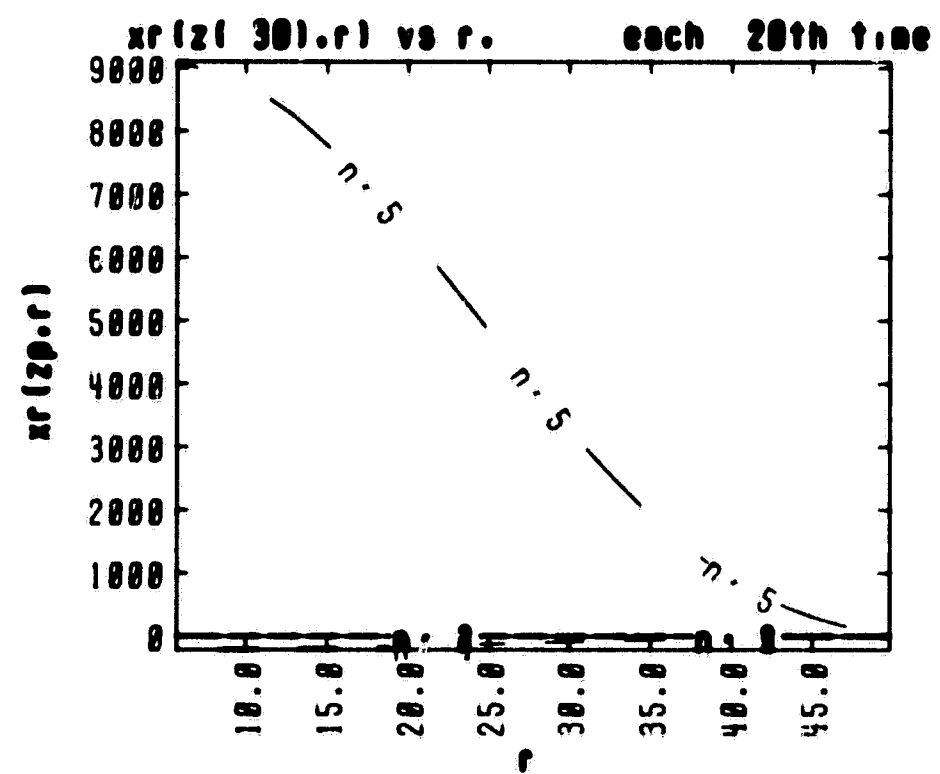


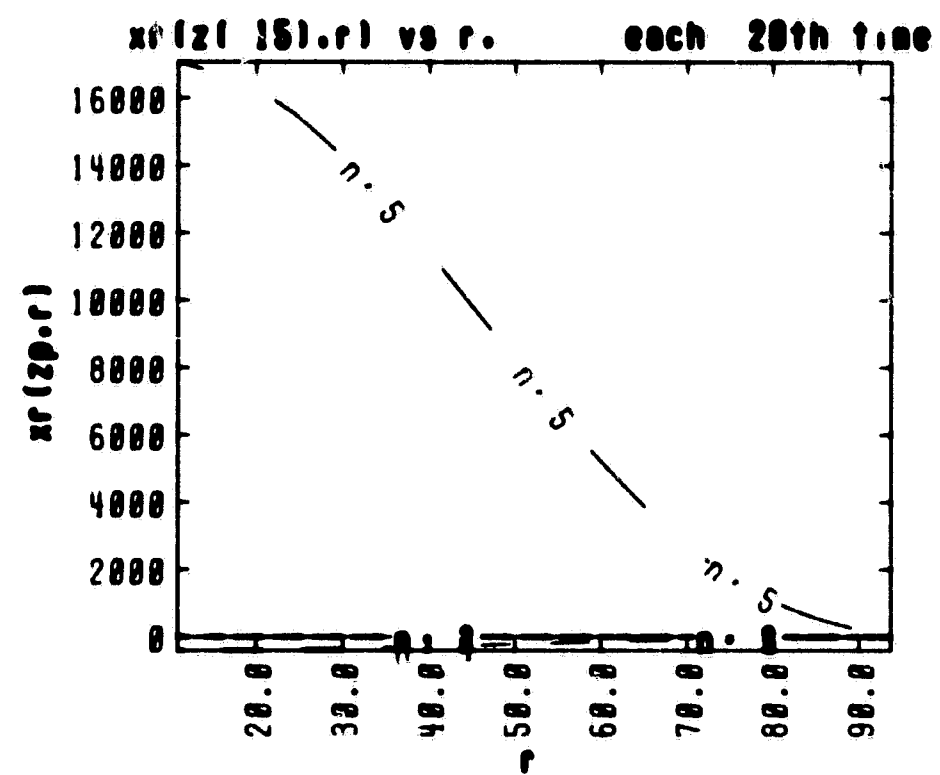


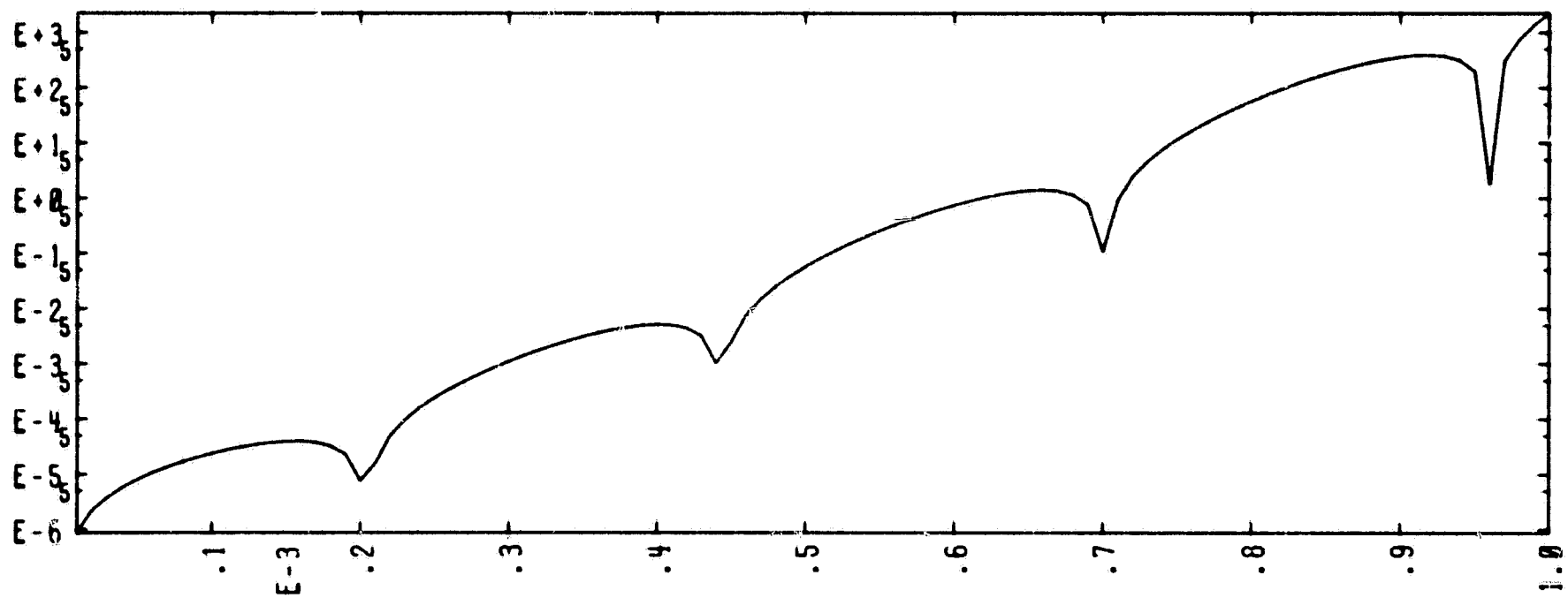
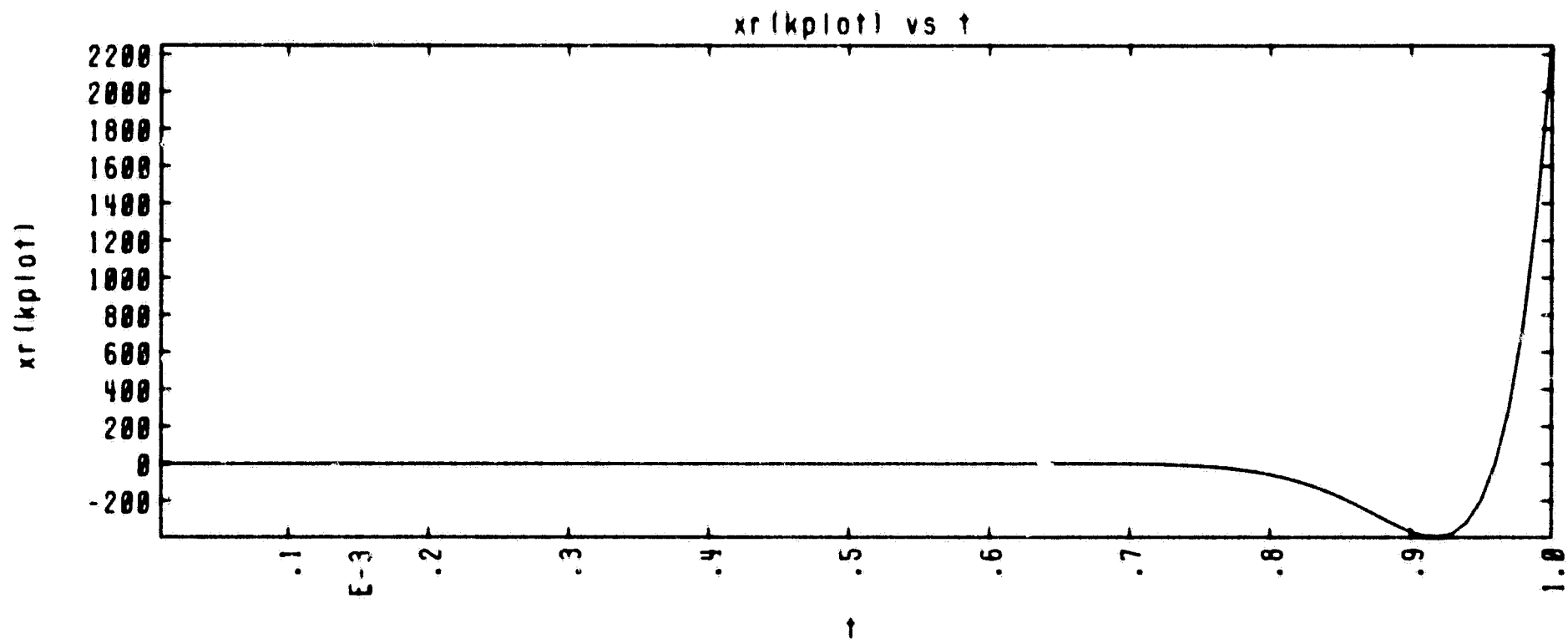


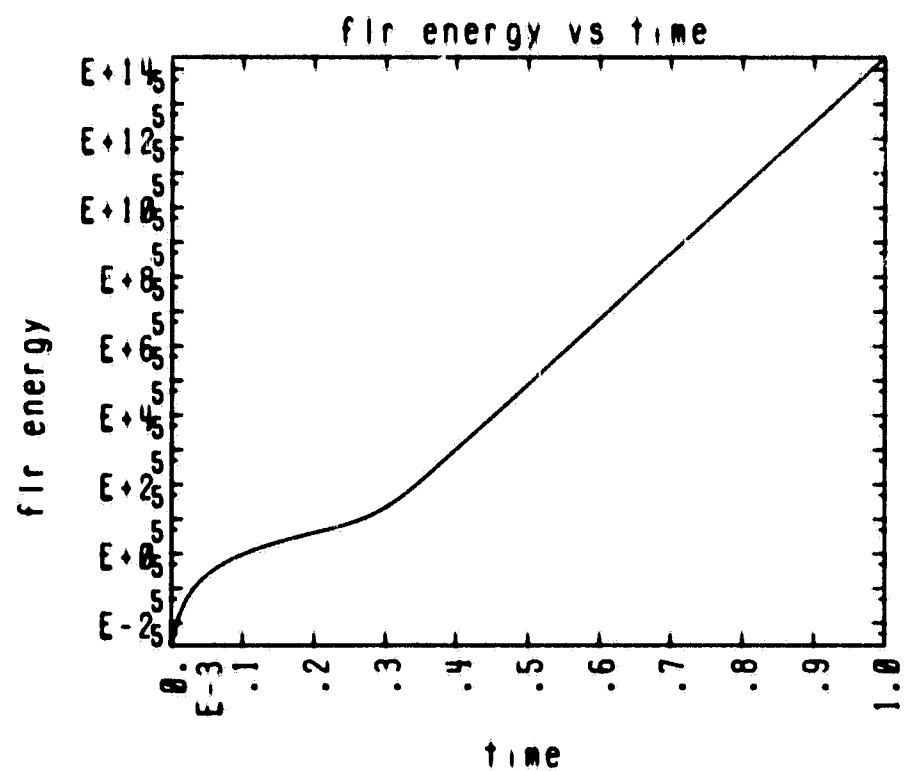
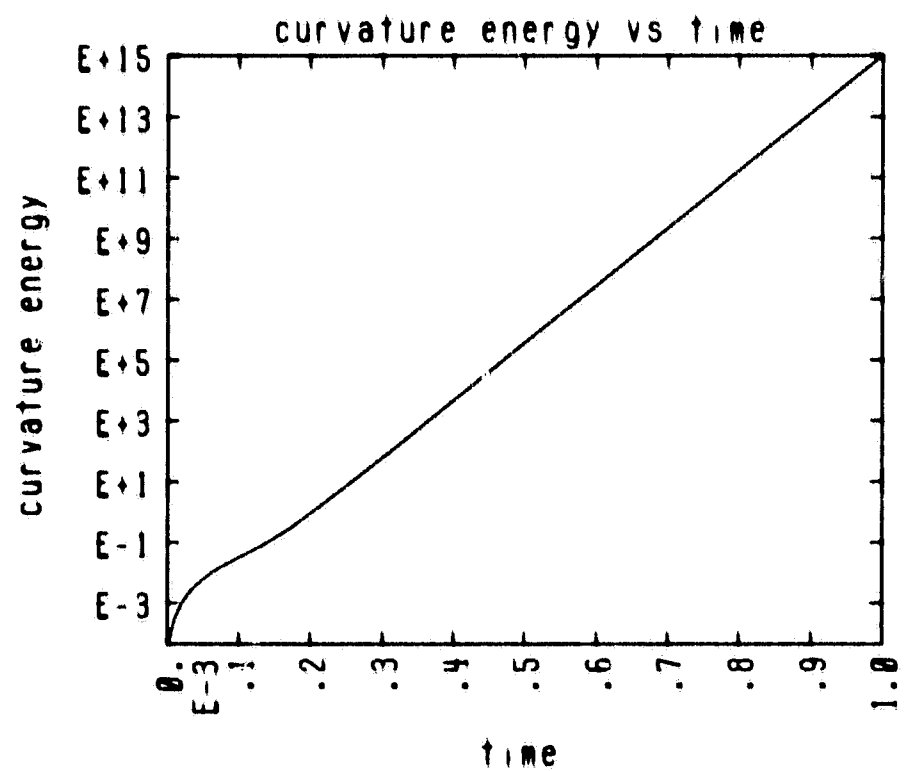
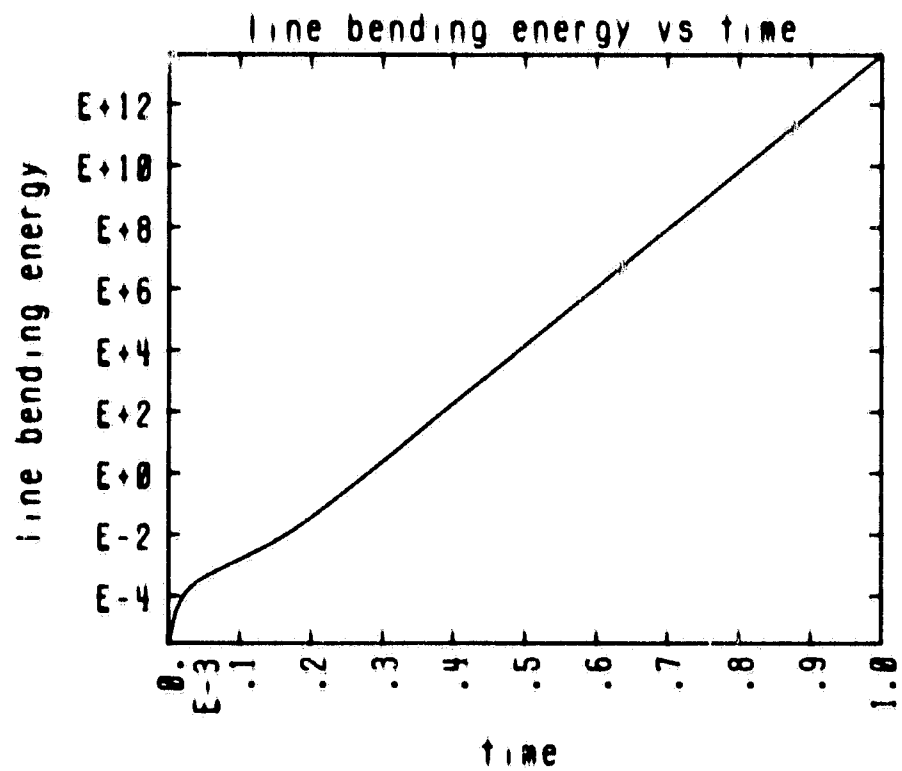












box u21

nmfecc output

graf lib: xxxxxxxxx

18 frames plotted

f3yrot00 (family 1)

15:36:1210/11/84c

dropfile name = +xf1rota

fr80 driver 3.1