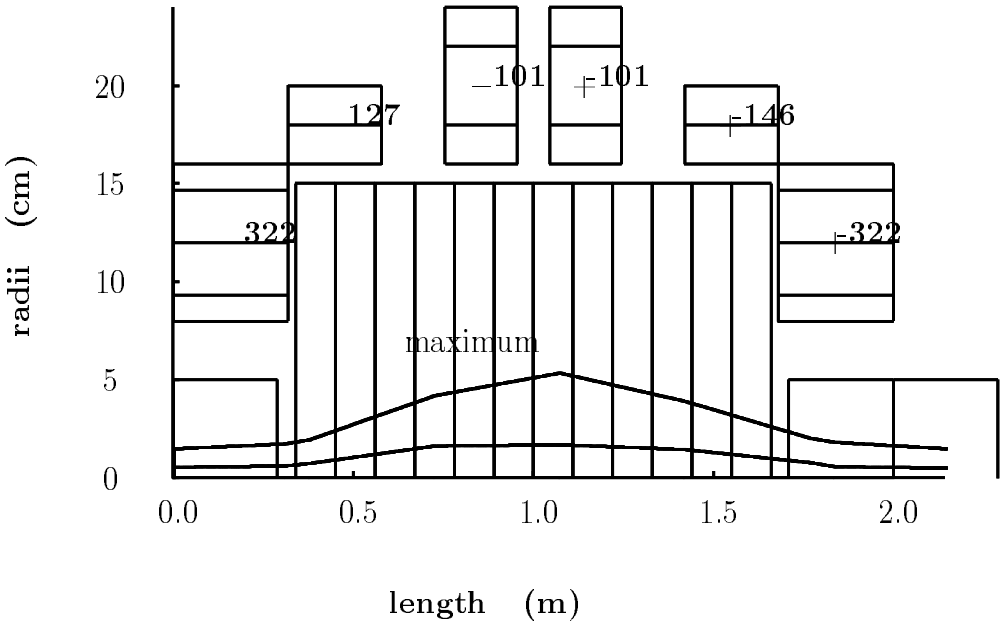
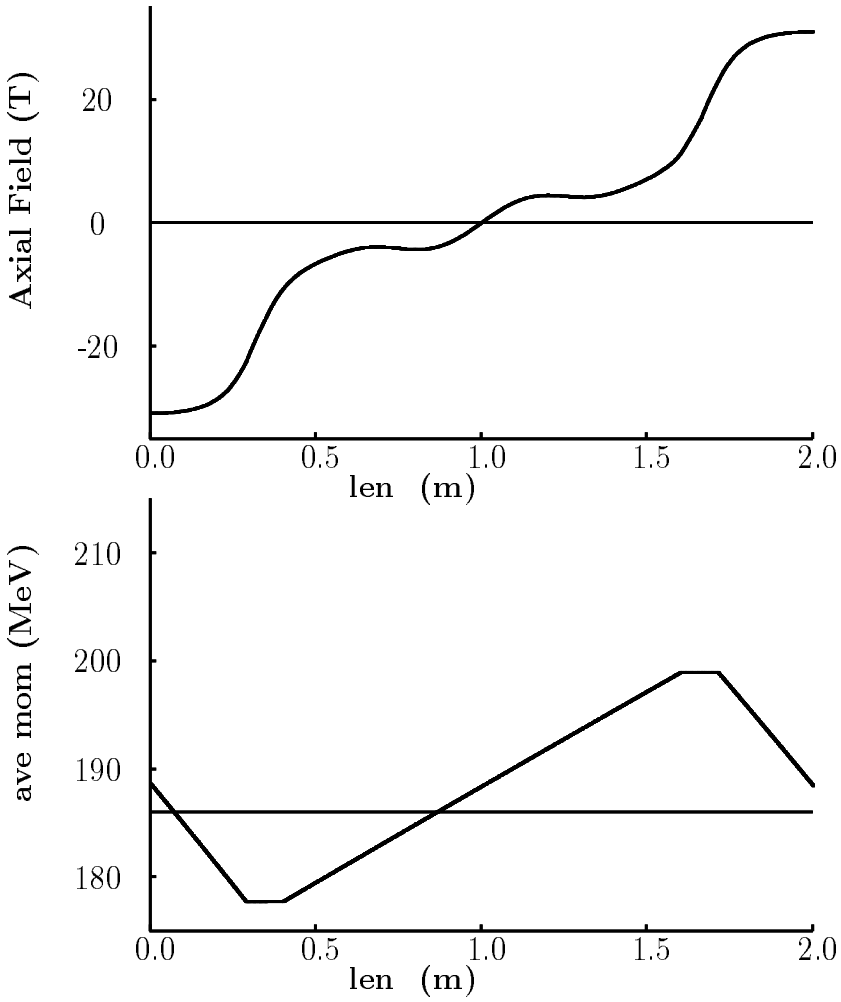
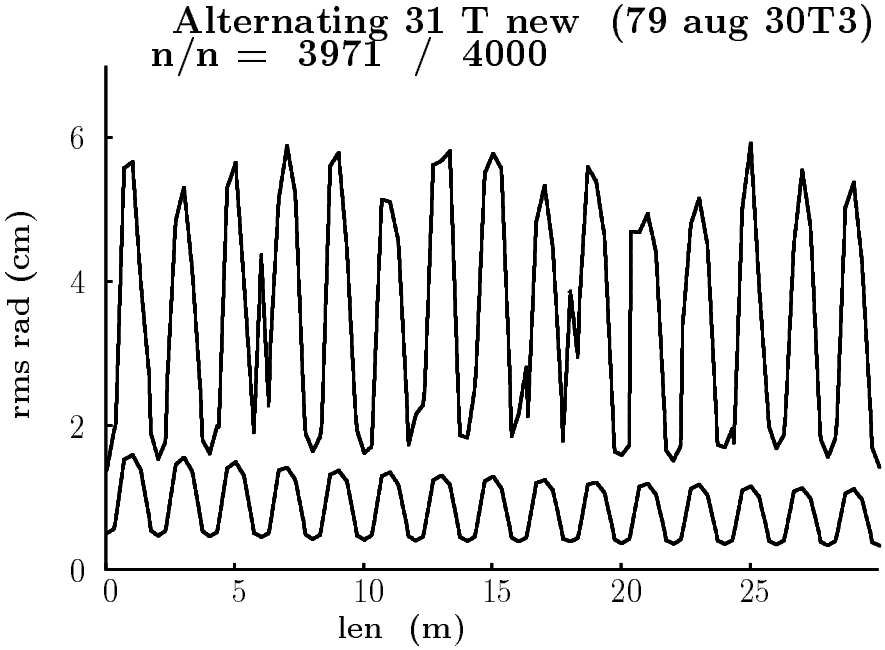
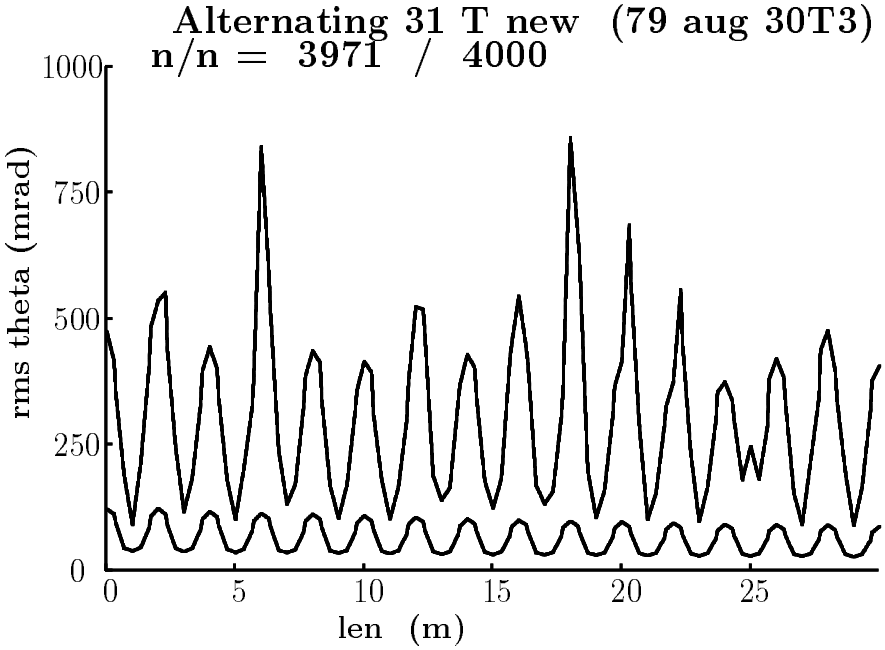
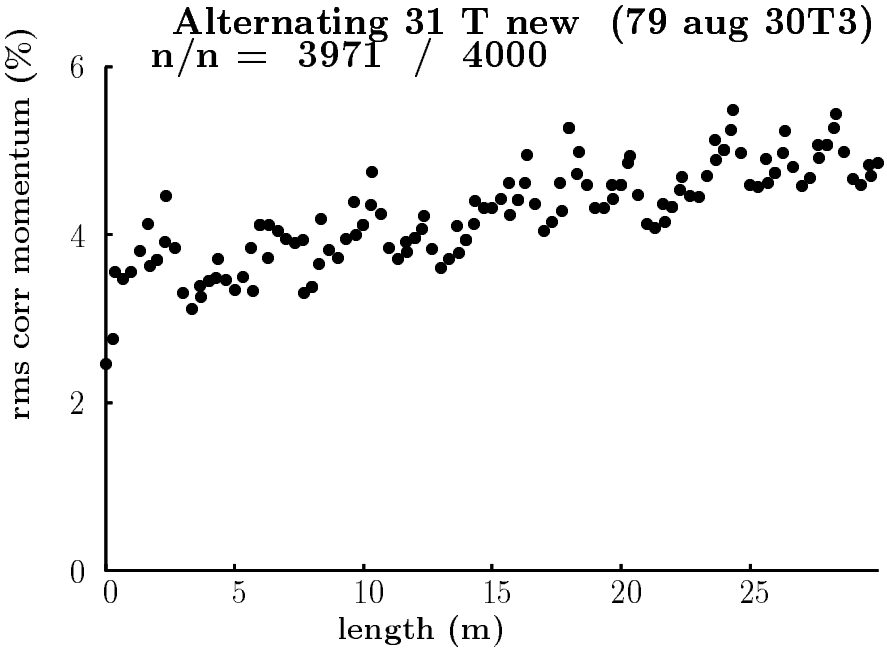
len1	dl	rad	dr	I/A
m	m	m	m	A/mm^2
-.000	0.320	0.080	0.080	322.48
0.320	0.260	0.160	0.040	127.16
0.755	0.200	0.160	0.080	101.92
0.755	0.200	0.160	0.080	101.92
1.045	0.200	0.160	0.080	-101.92
1.420	0.260	0.160	0.040	-146.27
1.680	0.320	0.080	0.080	-322.48

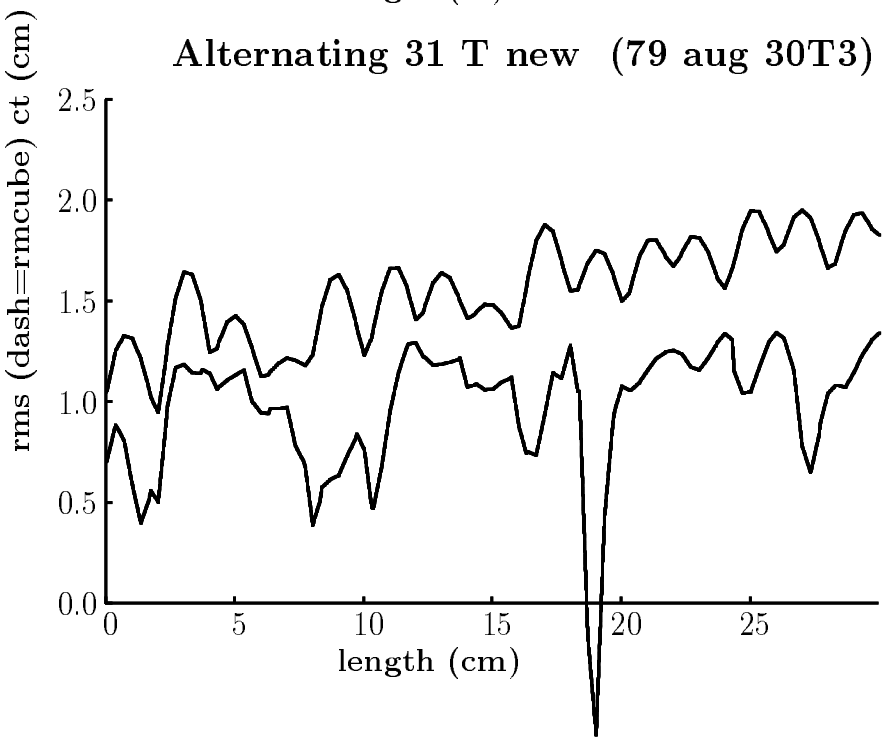


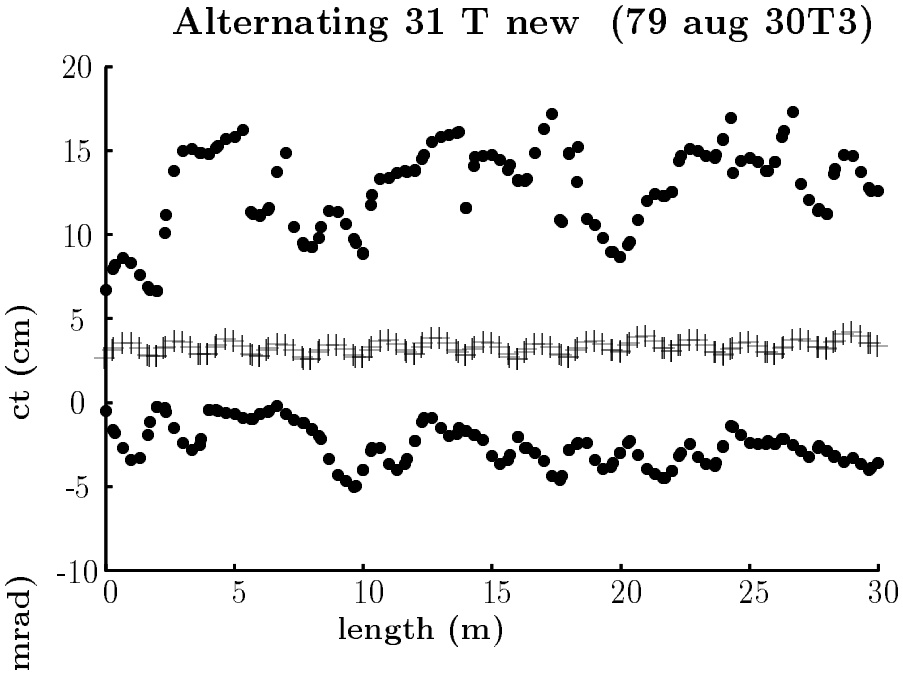

Axial Field (T)
20
0
-20
0.0
0.5
1.0
1.5
2.0
len (m)
ave mom (MeV)
210
200
190
180
0.0
0.5
1.0
1.5
2.0
len (m)

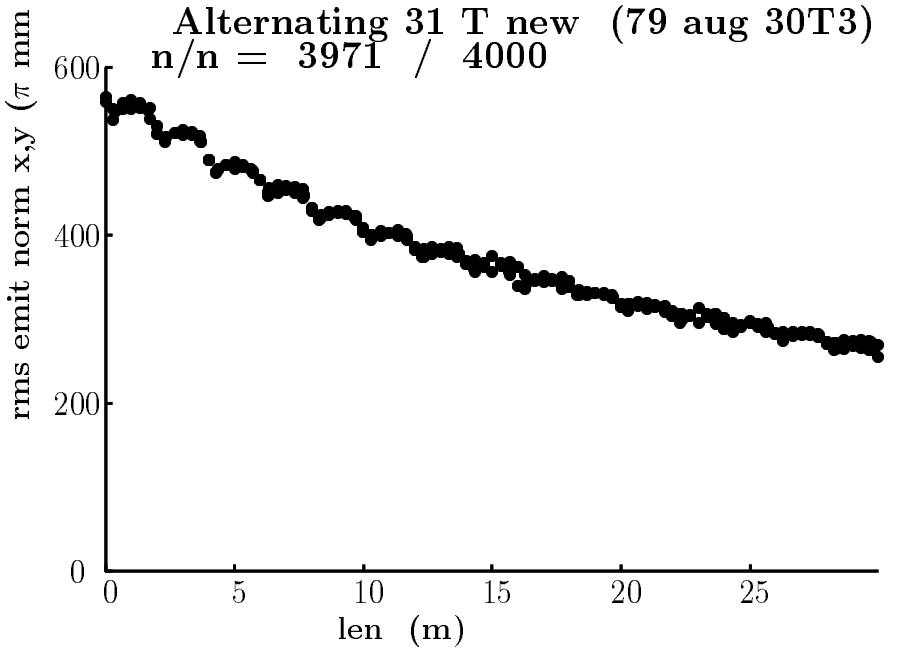

Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
rms rad (cm)
0
2
4
6
0
5
10
15
20
25
len (m)

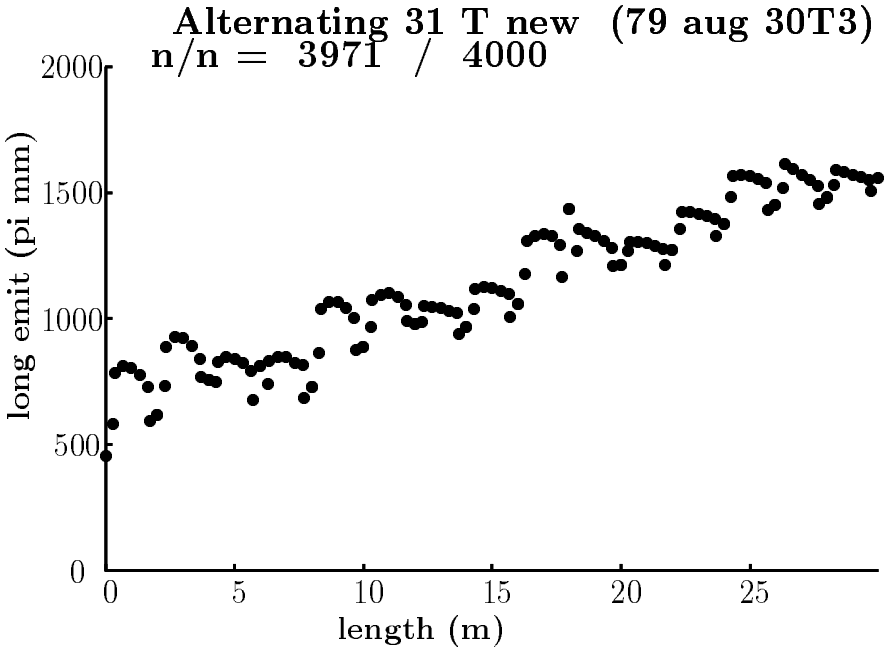

Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
rms theta (mrad)
0
250
500
750
1000
0
5
10
15
20
25
len (m)

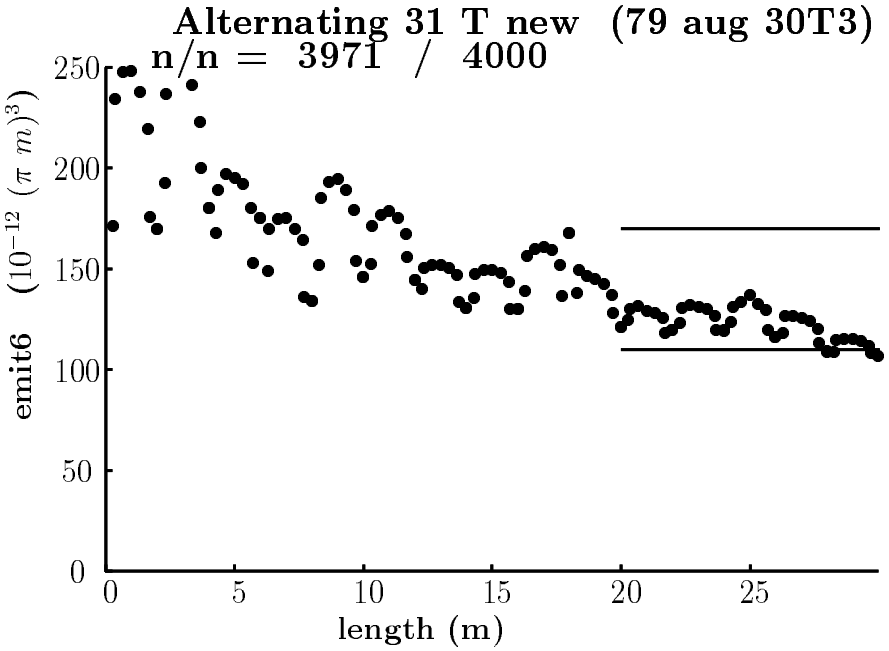

Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
rms corr momentum (%)
0
2
4
6
0
5
10
15
20
25
length (m)

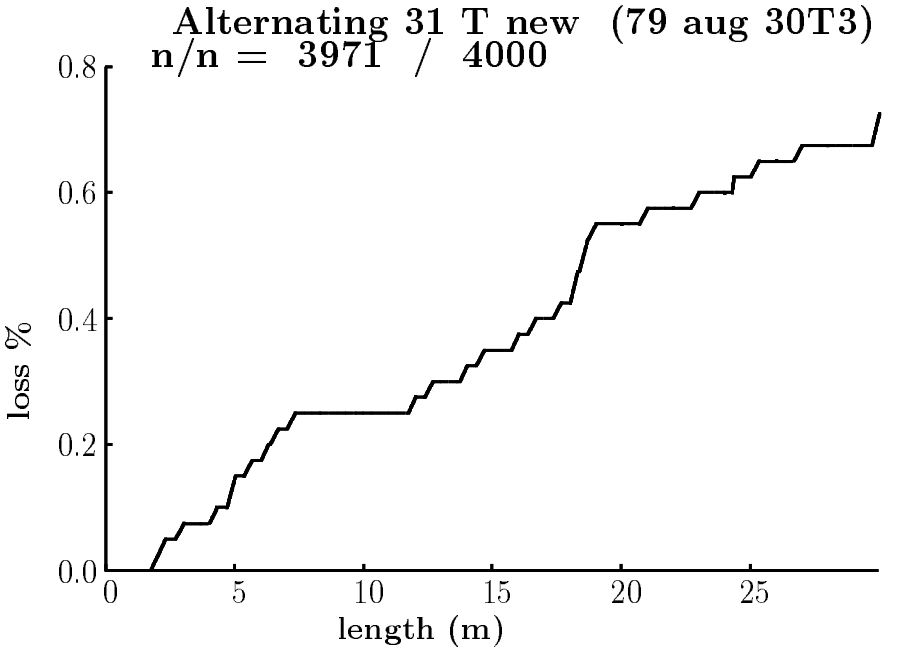

Alternating 31 T new (79 aug 30T3)
rms (dash=rmcube) ct (cm)
0.0
0.5
1.0
1.5
2.0
2.5
0
5
10
15
20
25
length (cm)

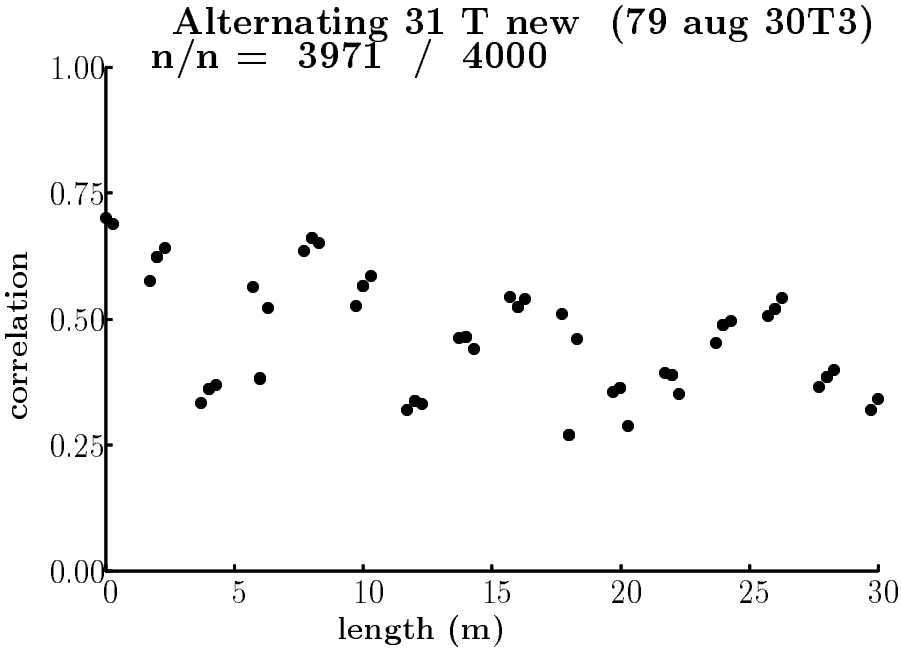

Alternating 31 T new (79 aug 30T3)
ct (cm)
length (m)

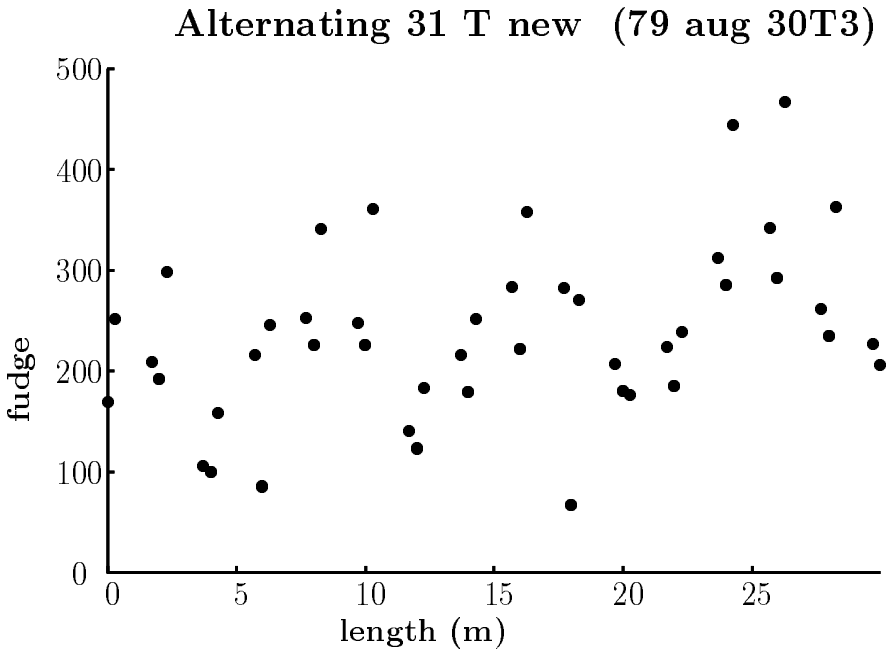

Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
rms emit norm x,y (π mm mrad)
len (m)

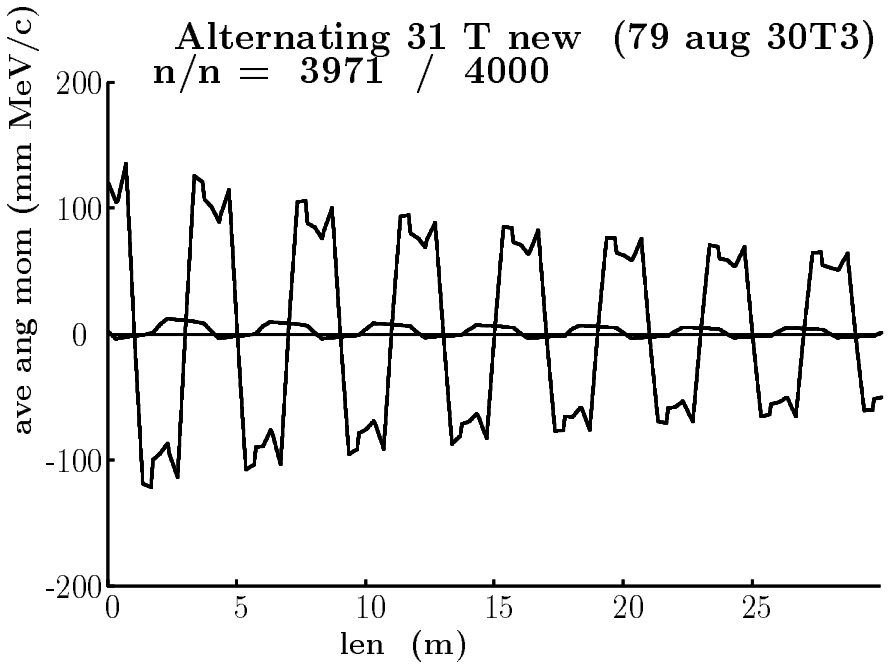

Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
long emit (pi mm)
2000
1500
1000
500
0
0
5
10
15
20
25
length (m)

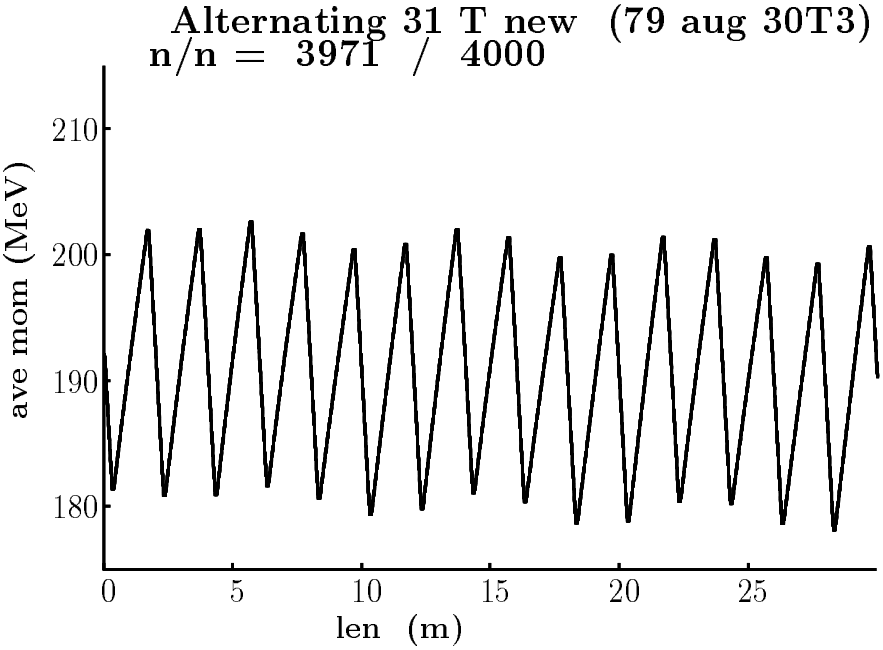

Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
emit6 $(10^{-12}\ (\pi\ m)^3)$
250
200
150
100
50
0
0
5
10
15
20
25
length (m)


Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
loss %
length (m)
0.0
0.2
0.4
0.6
0.8
0
5
10
15
20
25


Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
correlation
length (m)
0.00
0.25
0.50
0.75
1.00
0
5
10
15
20
25
30


Alternating 31 T new (79 aug 30T3)
fudge
length (m)
0
100
200
300
400
500
0
5
10
15
20
25


Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
ave ang mom (mm MeV/c)
len (m)
200
100
0
-100
-200
0
5
10
15
20
25


Alternating 31 T new (79 aug 30T3)
n/n = 3971 / 4000
ave mom (MeV)
210
200
190
180
0
5
10
15
20
25
len (m)