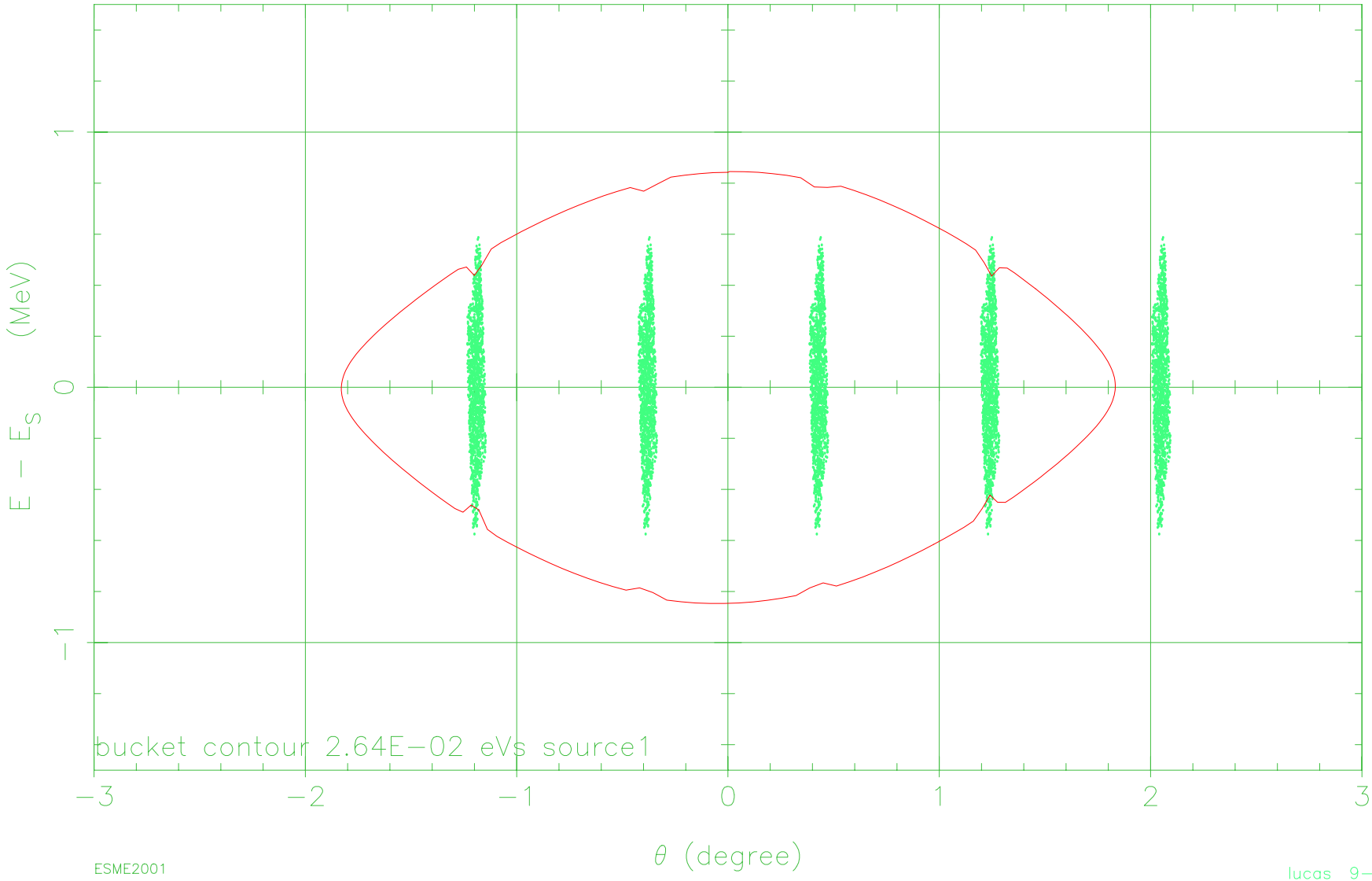
Eleven Turn Injection, September

Iter 0 0.000E+00 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
8.4620E−01	2.6449E−02	1.3383E+03	84	6.700E−02	0.000E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.4550E−02	−8.1068E+02	−4.5783E−01			
τ (s)	S_b (eV s)	N			
2.2182E−06	5.4593E−03	750000			

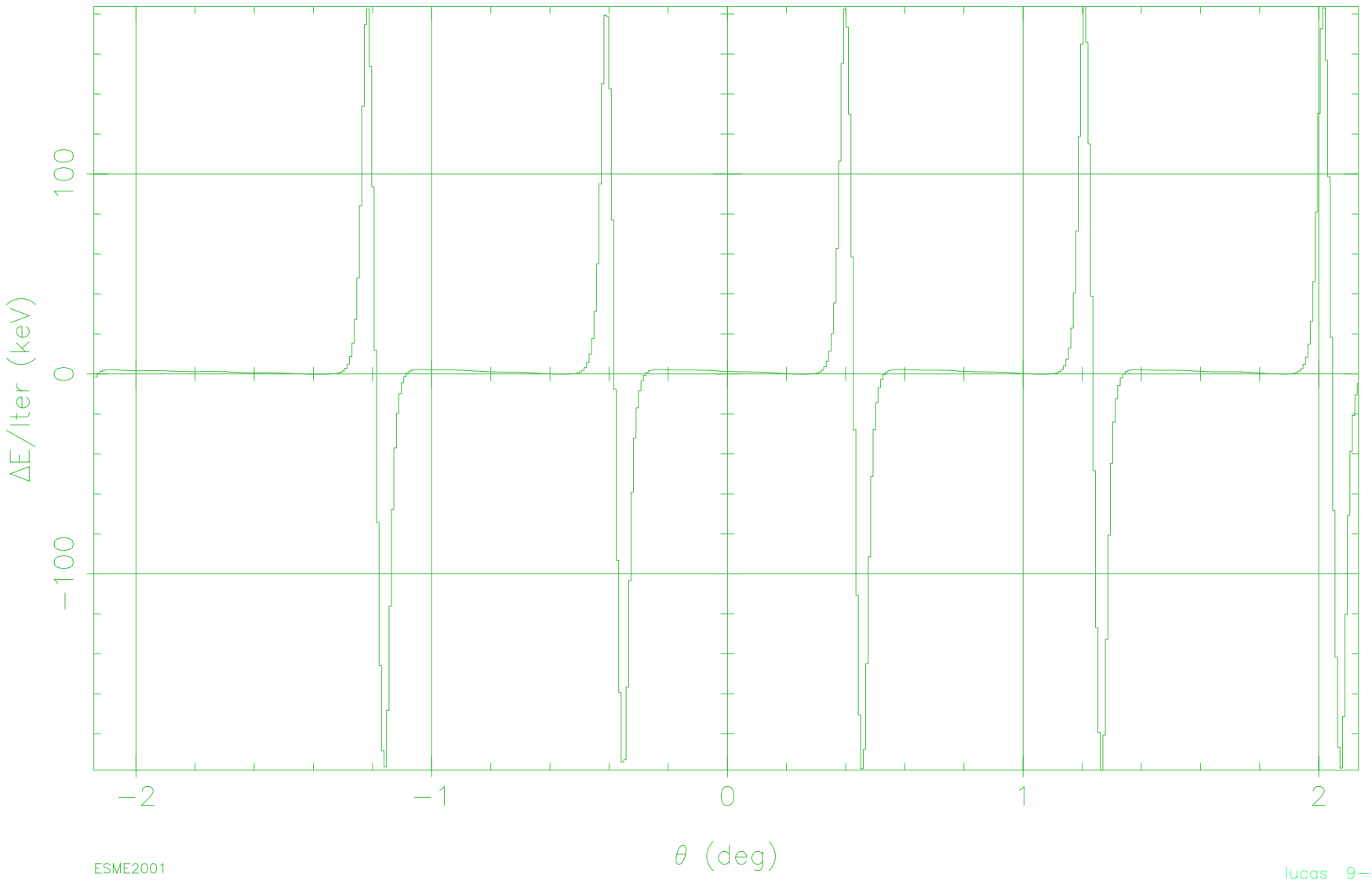


ESME2001

lucas 9−Sep−2003 14:01

Eleven Turn Injection, September

Iter 0
0.000E+00 SEC



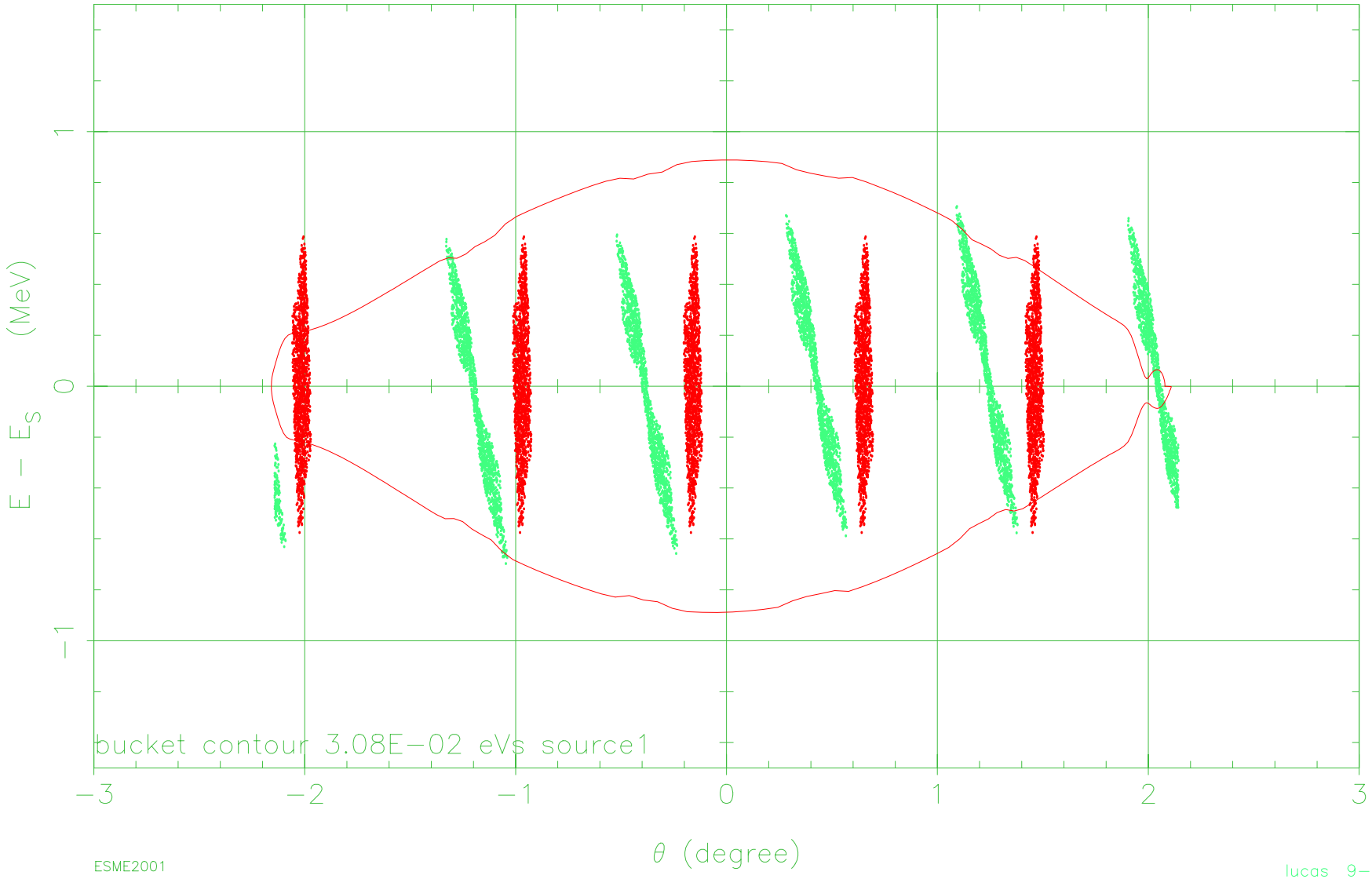
ESME2001

lucas 9−Sep−2003 14:01

Eleven Turn Injection, September

Iter 1 2.218E−06 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
8.8871E−01	3.0756E−02	1.3383E+03	84	6.700E−02	0.000E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.4550E−02	0.0000E+00	−4.5783E−01			
τ (s)	S_b (eV s)	N			
2.2182E−06	6.7301E−03	1500000			

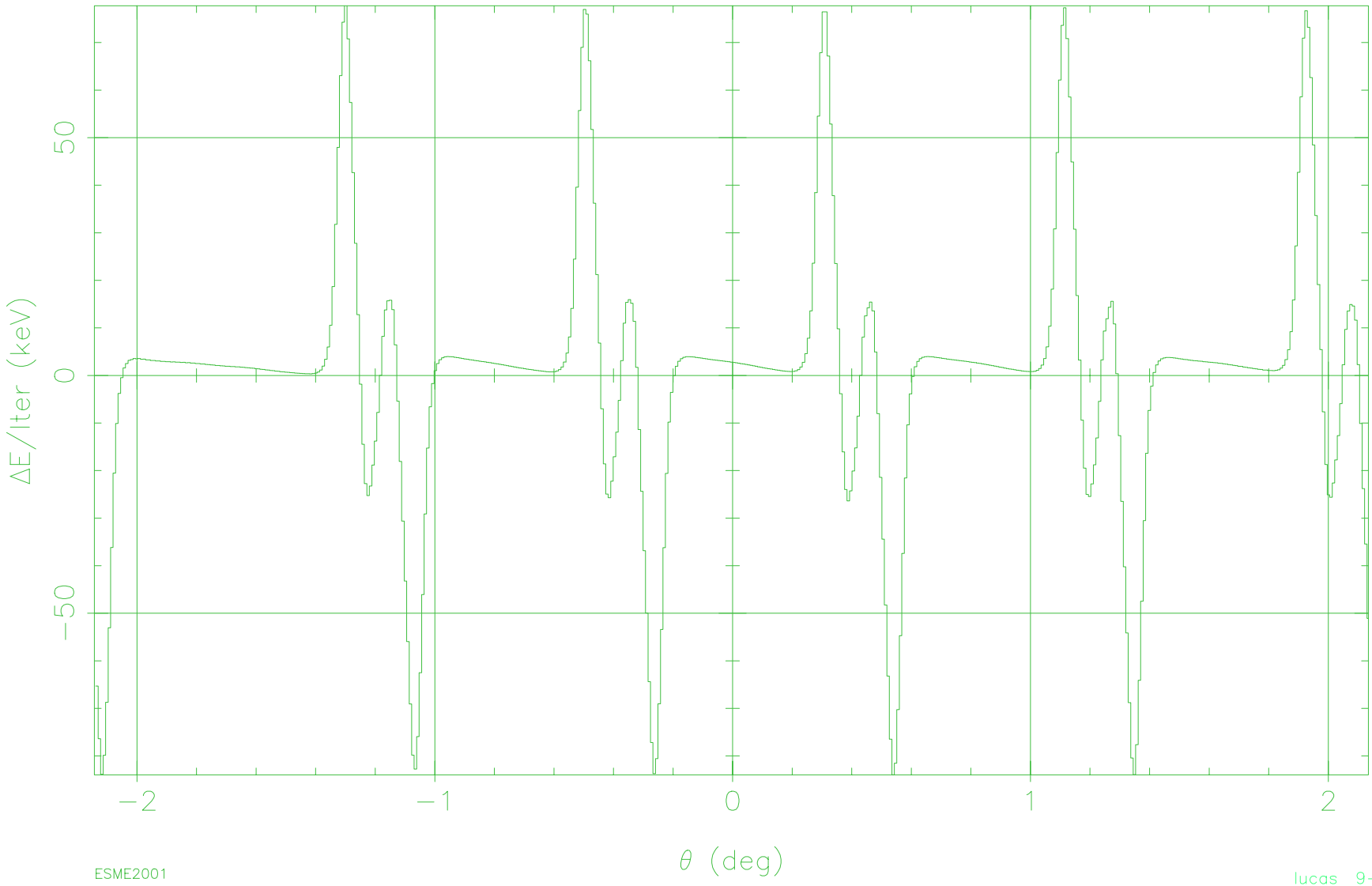


ESME2001

lucas 9−Sep−2003 14:01

Eleven Turn Injection, September

Iter 1
2.218E−06 SEC



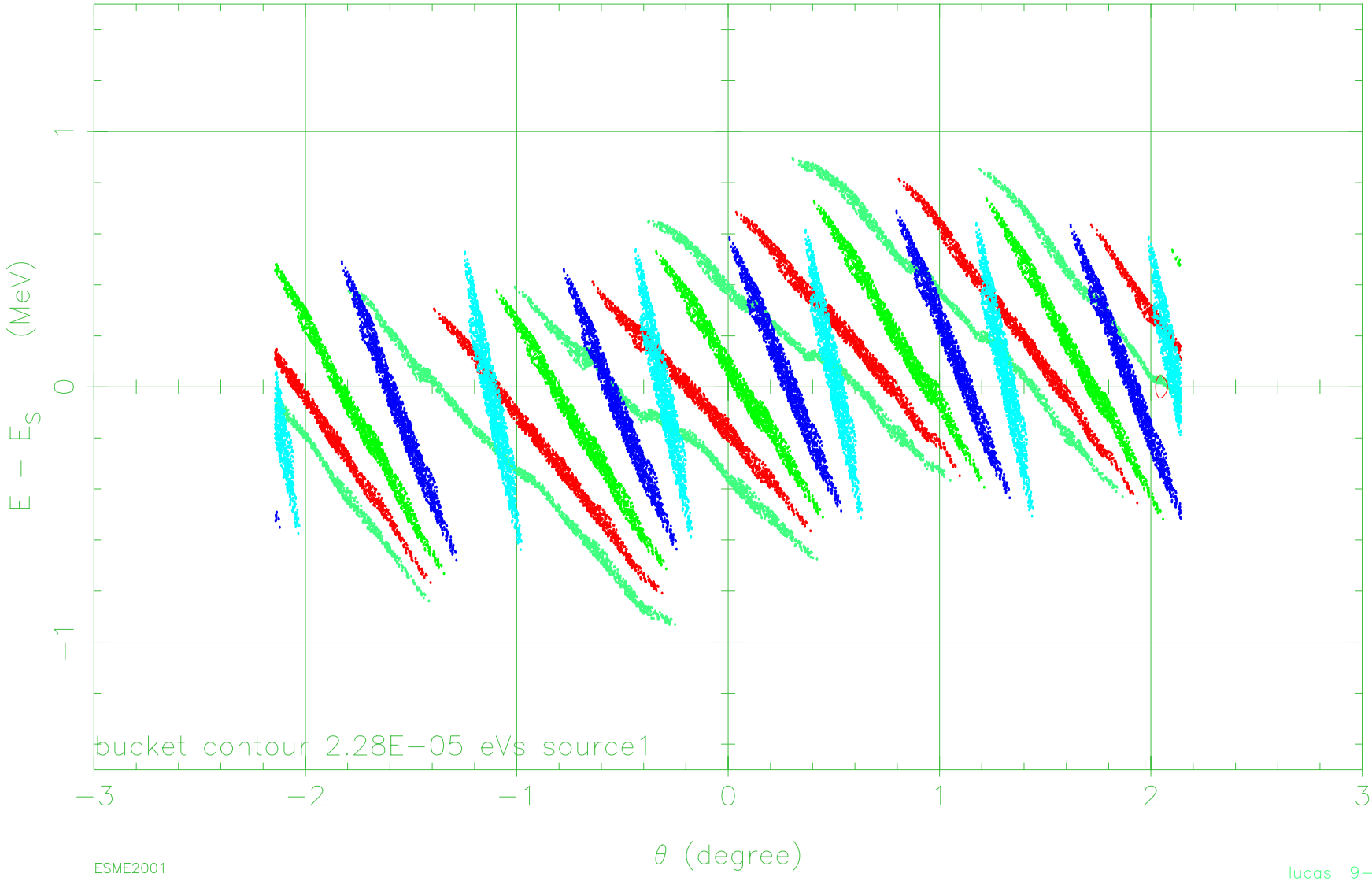
ESME2001

lucas 9−Sep−2003 14:01

Eleven Turn Injection, September

Iter 5 1.109E−05 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
4.3916E−02	2.2817E−05	1.3383E+03	84	6.700E−02	0.000E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.4550E−02	0.0000E+00	−4.5783E−01			
τ (s)	S_b (eV s)	N			
2.2182E−06	6.8370E−03	3750000			



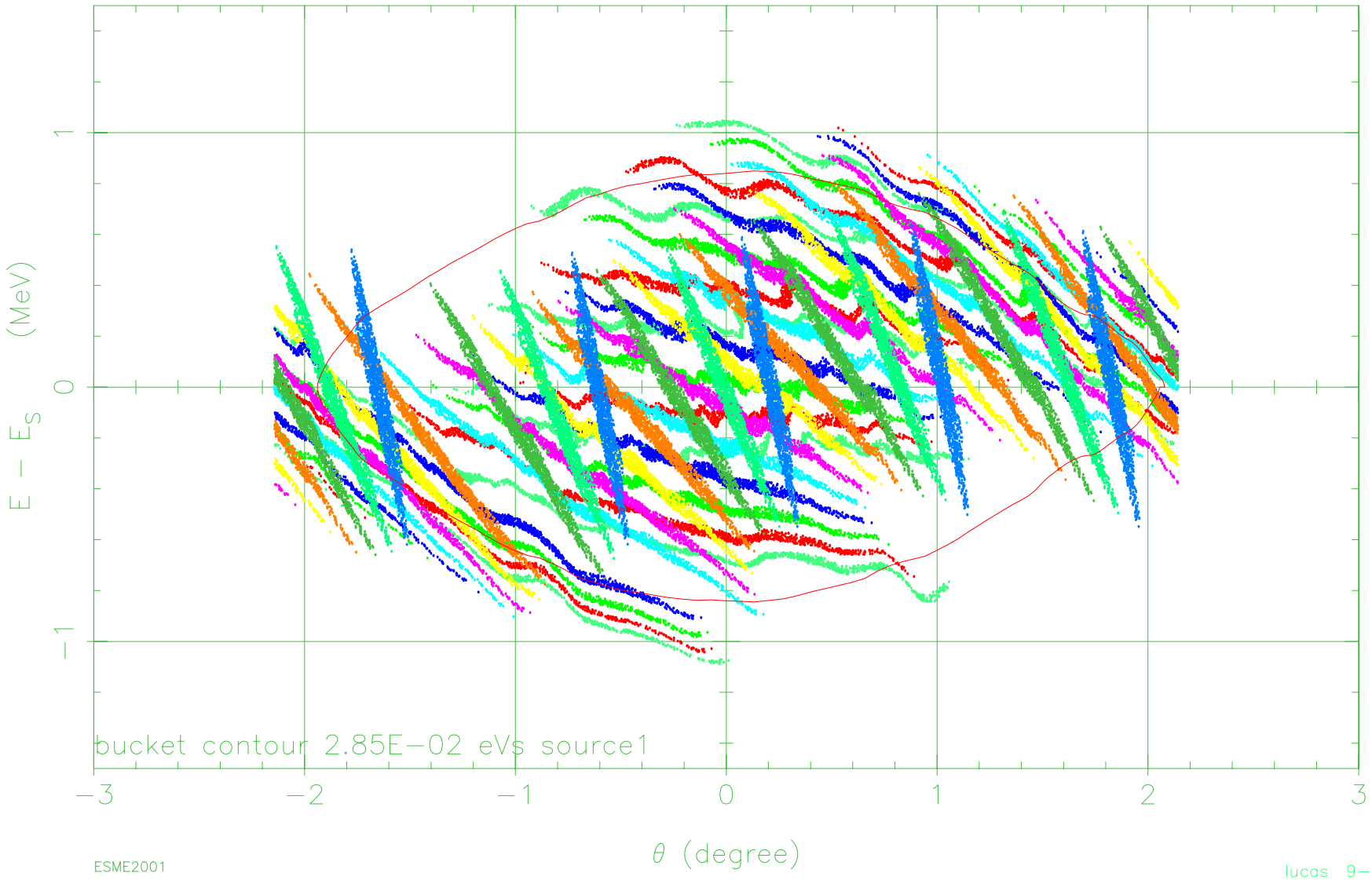
ESME2001

lucas 9−Sep−2003 14:02

Eleven Turn Injection, September

Iter 11 2.440E−05 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
8.4734E−01	2.8517E−02	1.3383E+03	84	6.700E−02	0.000E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.4550E−02	0.0000E+00	−4.5783E−01			
τ (s)	S_b (eV s)	N			
2.2182E−06	7.3644E−03	8250000			



ESME2001

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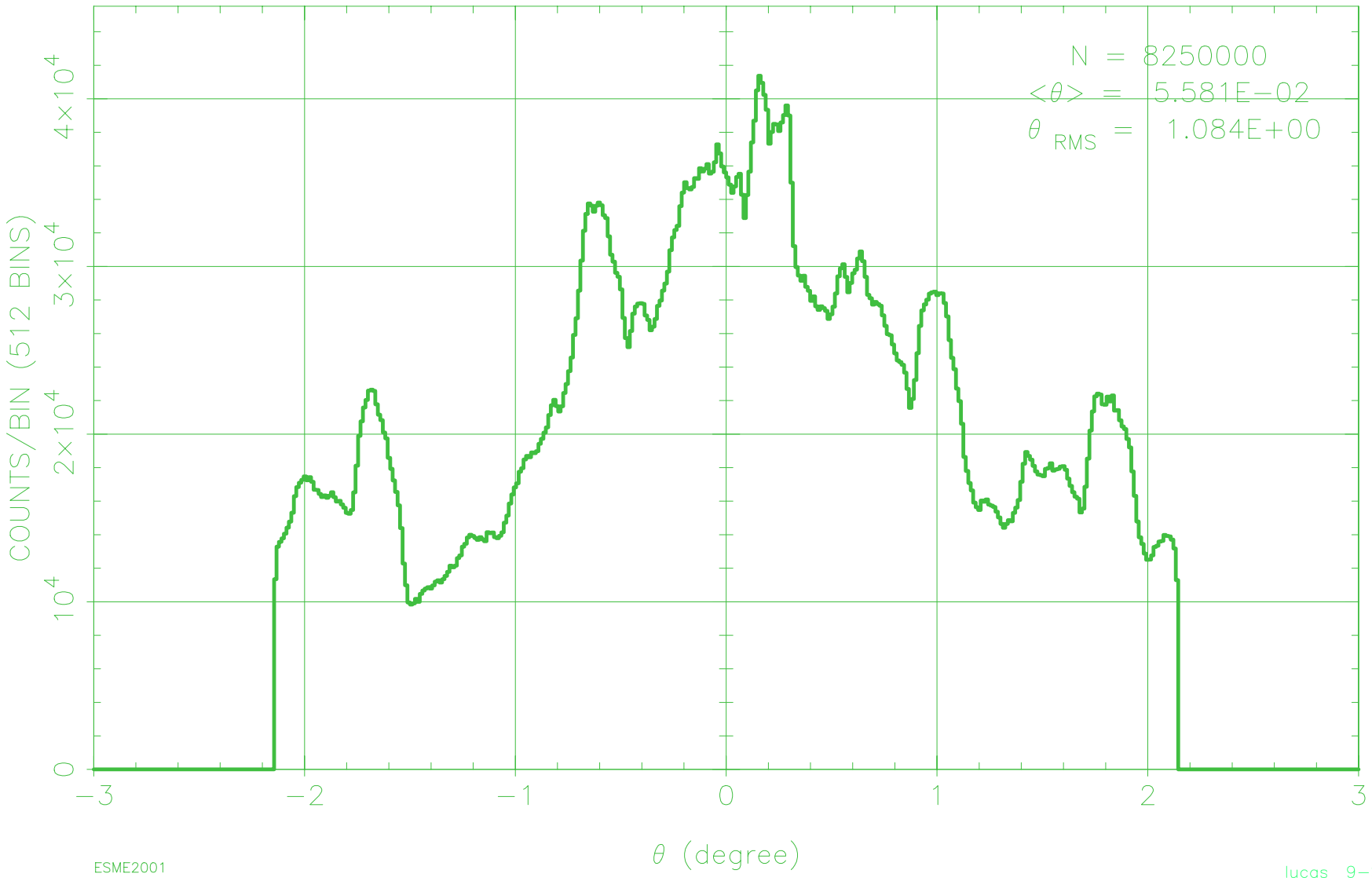
Eleven Turn Injection, September

Iter 11
2.440E−05 SEC

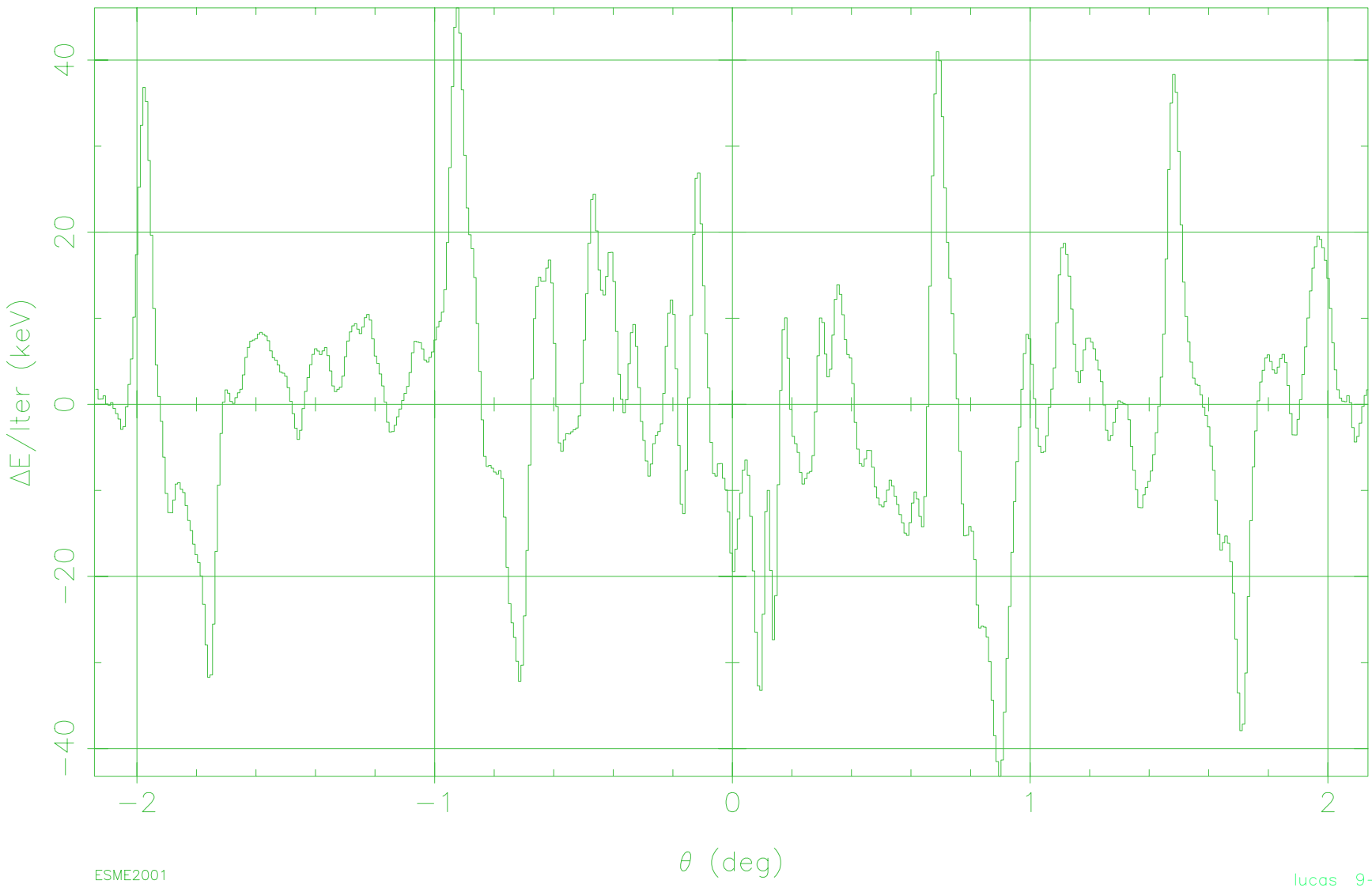


ESME2001

lucas 9−Sep−2003 14:07

Eleven Turn Injection, September

Iter 11
2.440E−05 SEC



ESME2001

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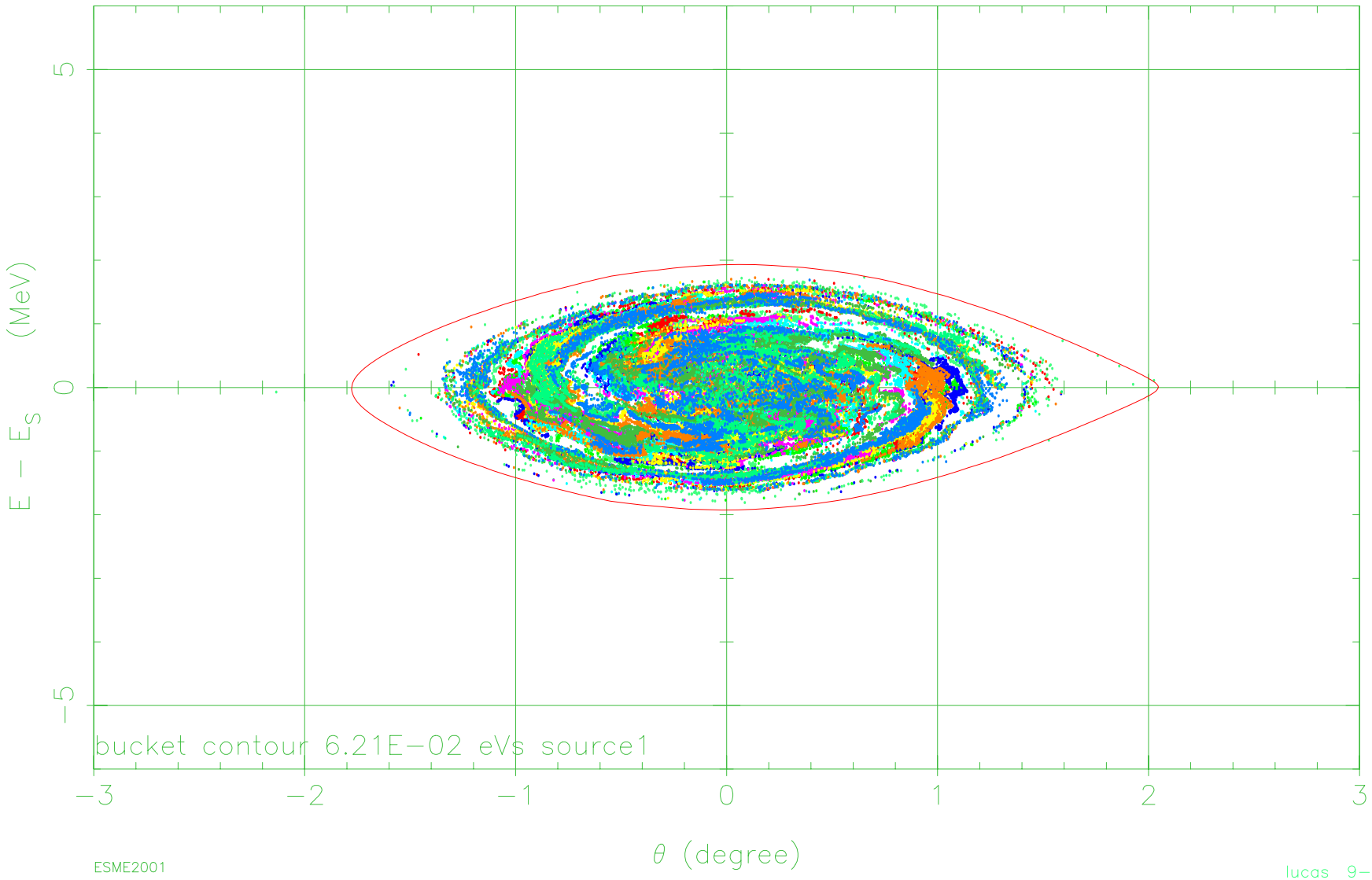
Eleven Turn Injection, September

Iter 80 1.774E−04 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.9300E+00	6.2119E−02	1.3386E+03	84	3.557E−01	1.387E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
5.6527E−02	5.4448E+03	−4.5761E−01			
τ (s)	S_b (eV s)	N			
2.2178E−06	8.2254E−03	8250000			



ESME2001

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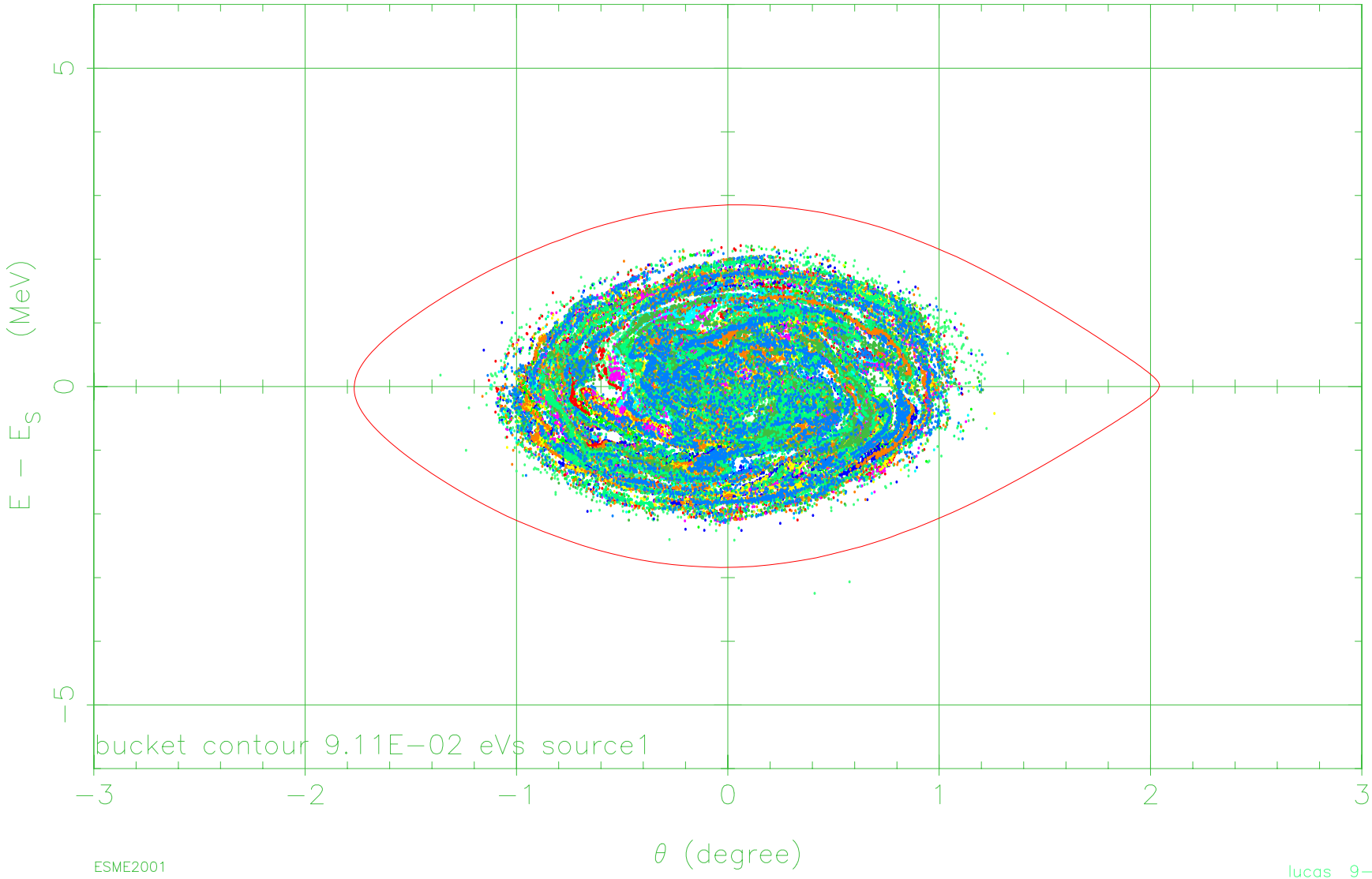
Eleven Turn Injection, September

Iter 177 3.925E−04 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.8475E+00	9.1104E−02	1.3400E+03	84	7.605E−01	1.552E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
8.2426E−02	1.3023E+04	−4.5657E−01			
τ (s)	S_b (eV s)	N			
2.2155E−06	8.8966E−03	8250000			



ESME2001

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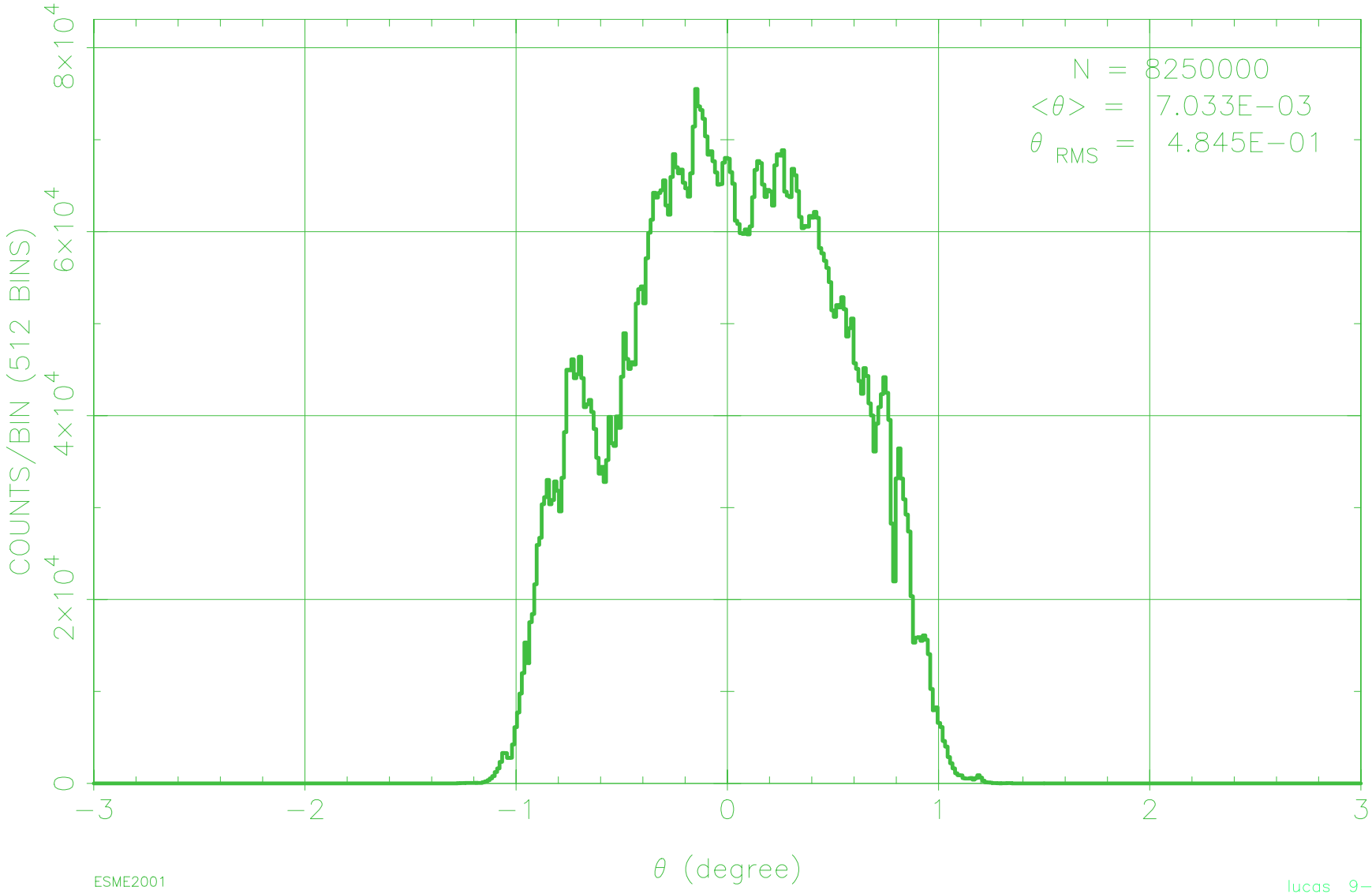
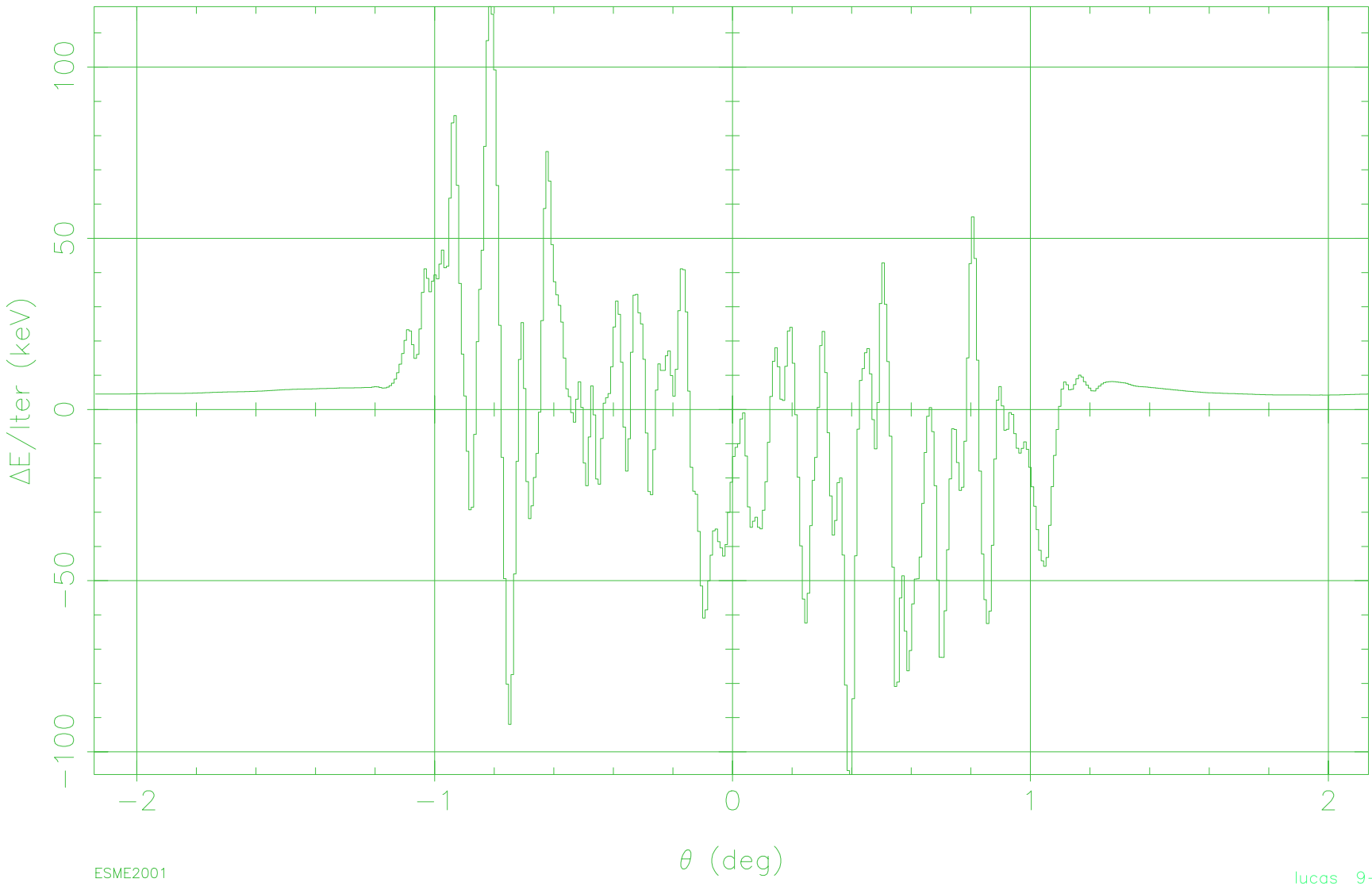

Eleven Turn Injection, September
Iter 177
3.925E−04 SEC
N = 8250000
<θ> = 7.033E−03
θ RMS = 4.845E−01
COUNTS/BIN (512 BINS)
8×10^4
6×10^4
4×10^4
2×10^4
0
−3
−2
−1
0
1
2
3
θ (degree)
ESME2001
lucas 9−Sep−2003 16:38

Eleven Turn Injection, September

Iter 177
3.925E−04 SEC



ESME2001

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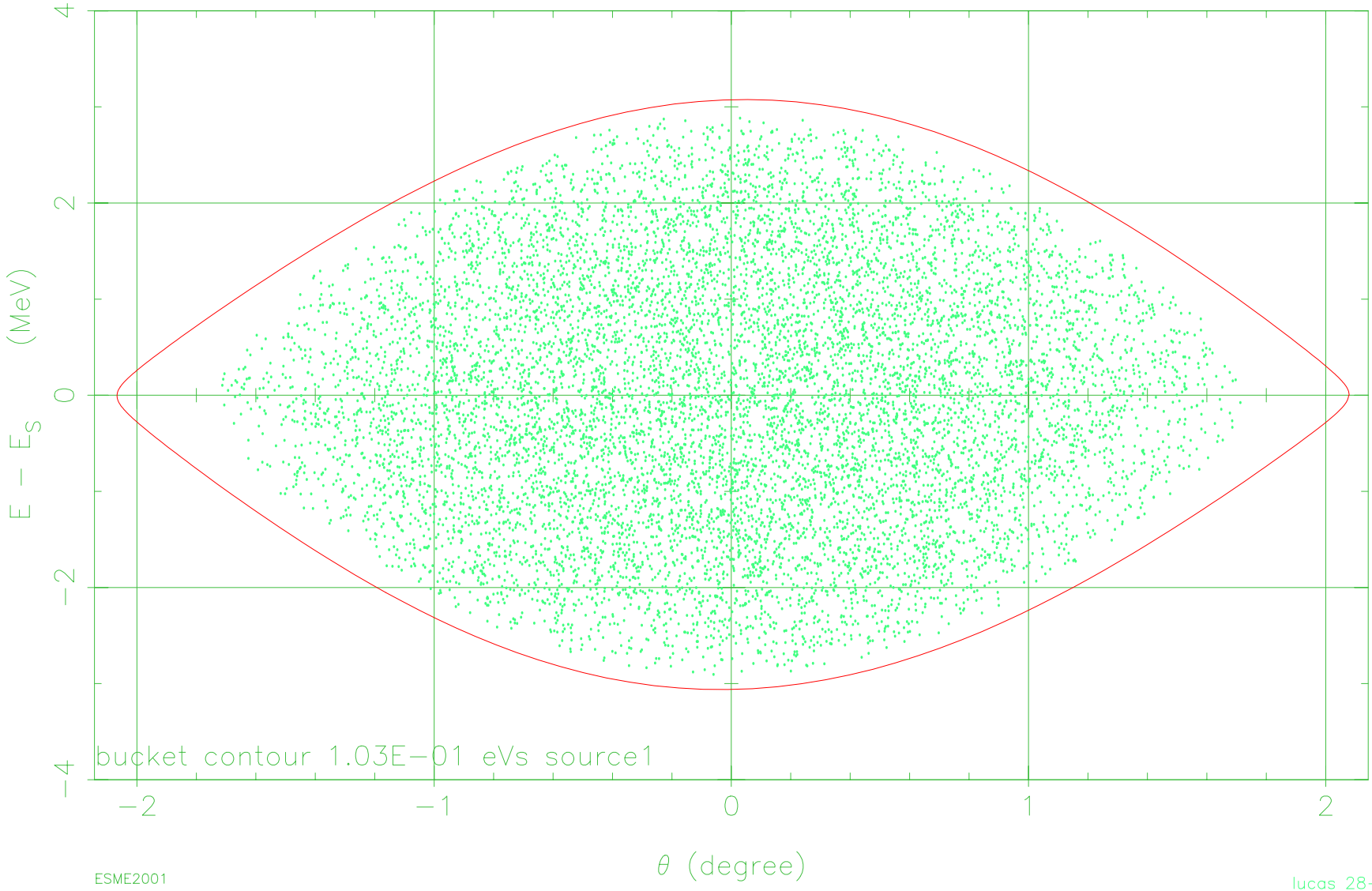
Evaluate inductive inserts (Sigma7 AddII 14)

Iter 0 0.000E+00 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.0690E+00	1.0270E−01	1.3383E+03	84	8.450E−01	0.000E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
8.7184E−02	−8.1068E+02	−4.5783E−01			
τ (s)	S_b (eV s)	N			
2.2182E−06	1.7460E−02	1000000			



ESME2001

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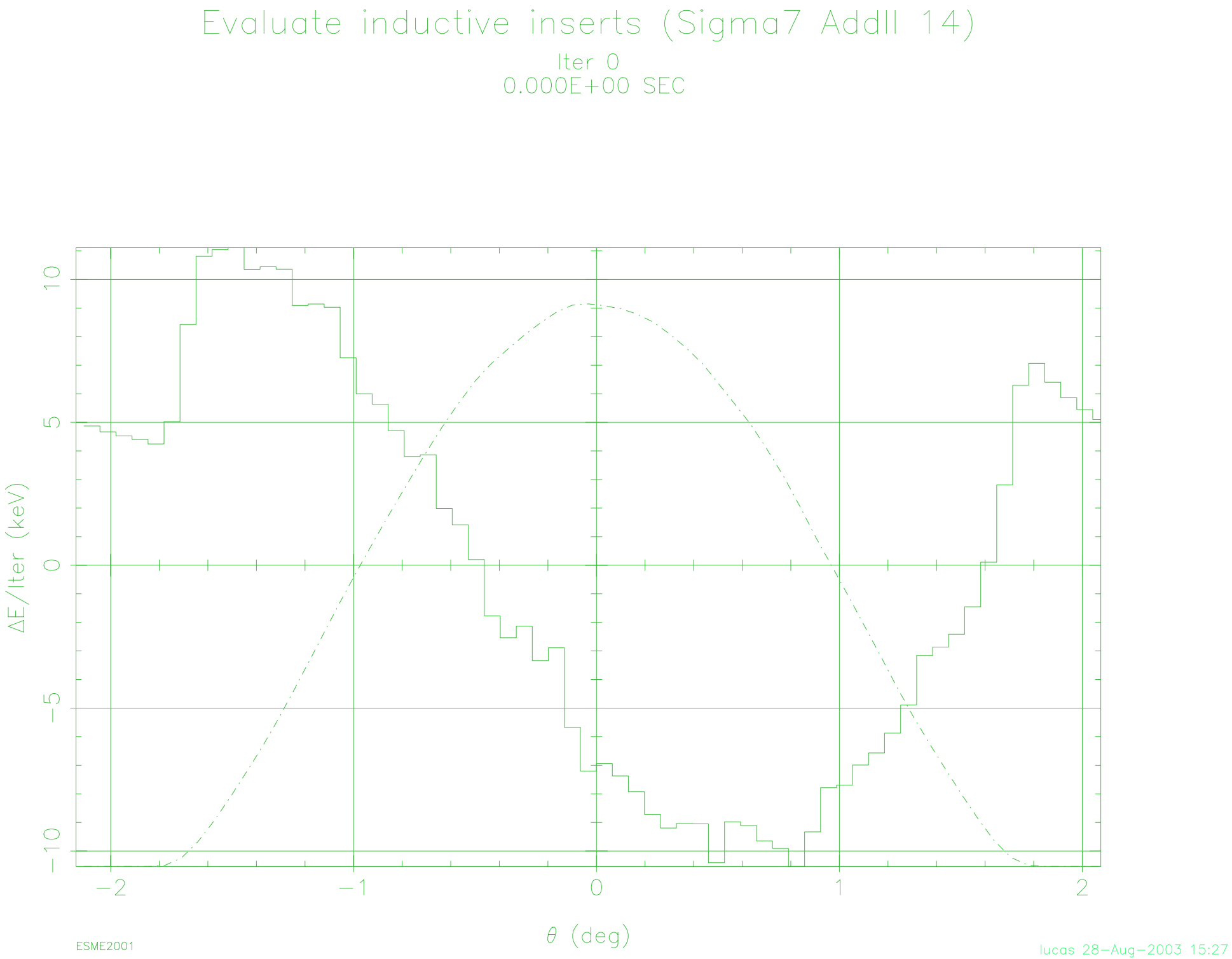
Evaluate inductive inserts (Sigma7 AddII 14)
Iter 0
0.000E+00 SEC
ΔE/Iter (keV)
10
5
0
−5
−10
−2
−1
0
1
2
θ (deg)
ESME2001
lucas 28−Aug−2003 15:27