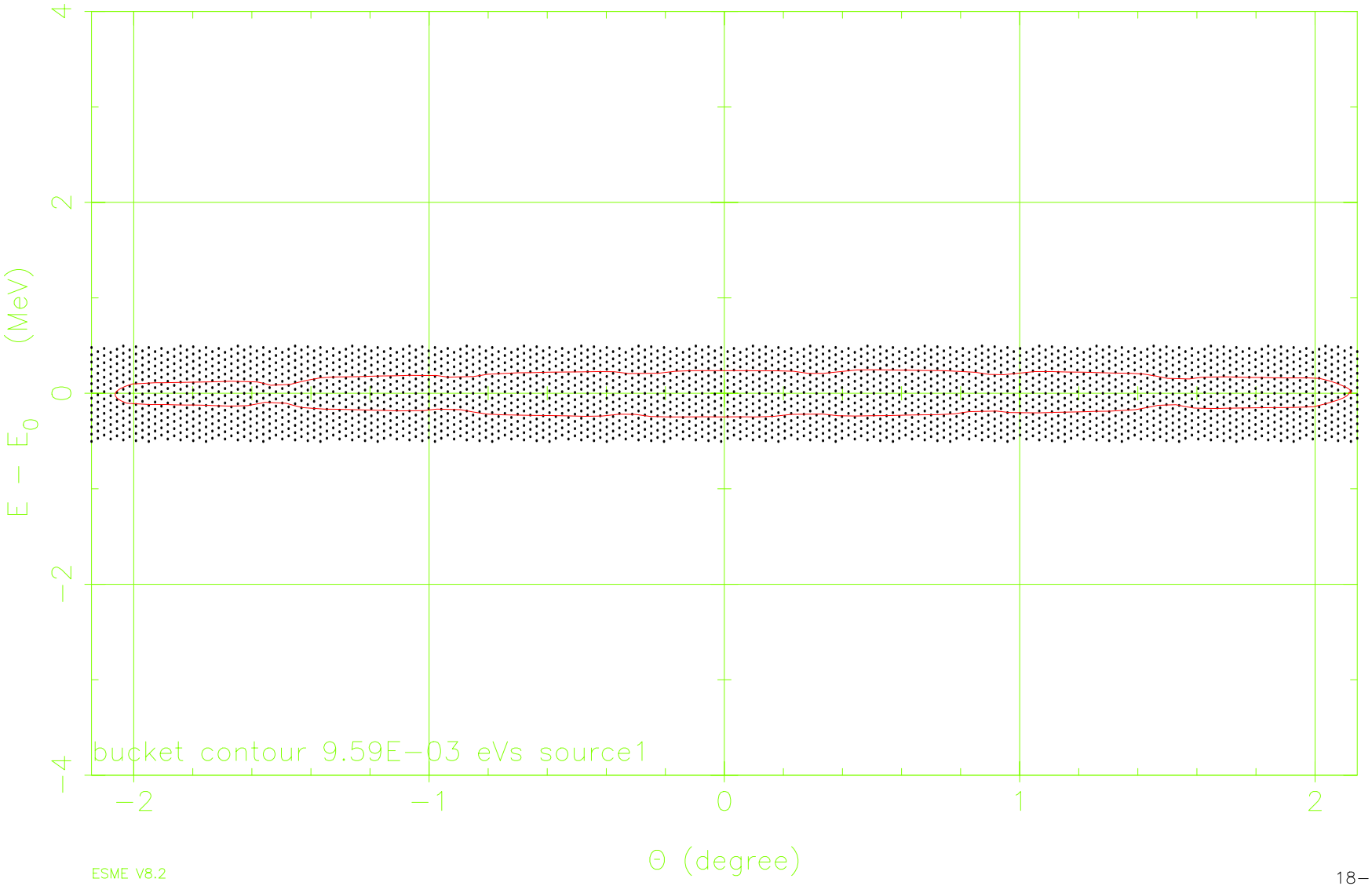
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 0 0.000E+00 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.4742E−01	9.5891E−03	1.3383E+03	84	3.500E−03	0.000E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
5.6110E−03	0.0000E+00	−4.5783E−01			
τ (s)	S_b (eV s)	N			
2.2182E−06	4.2038E−02	24000			



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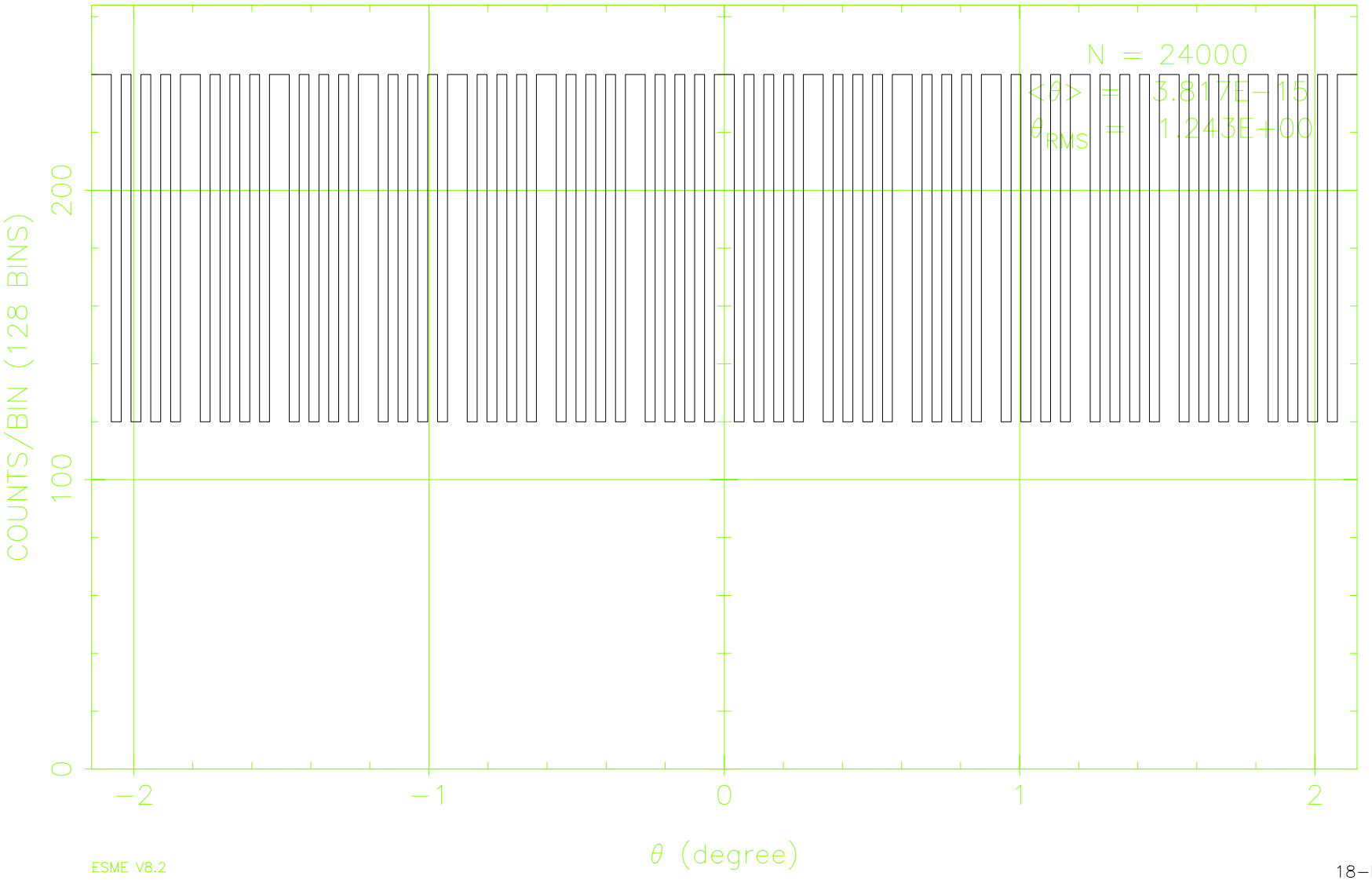
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 0
0.000E+00 SEC



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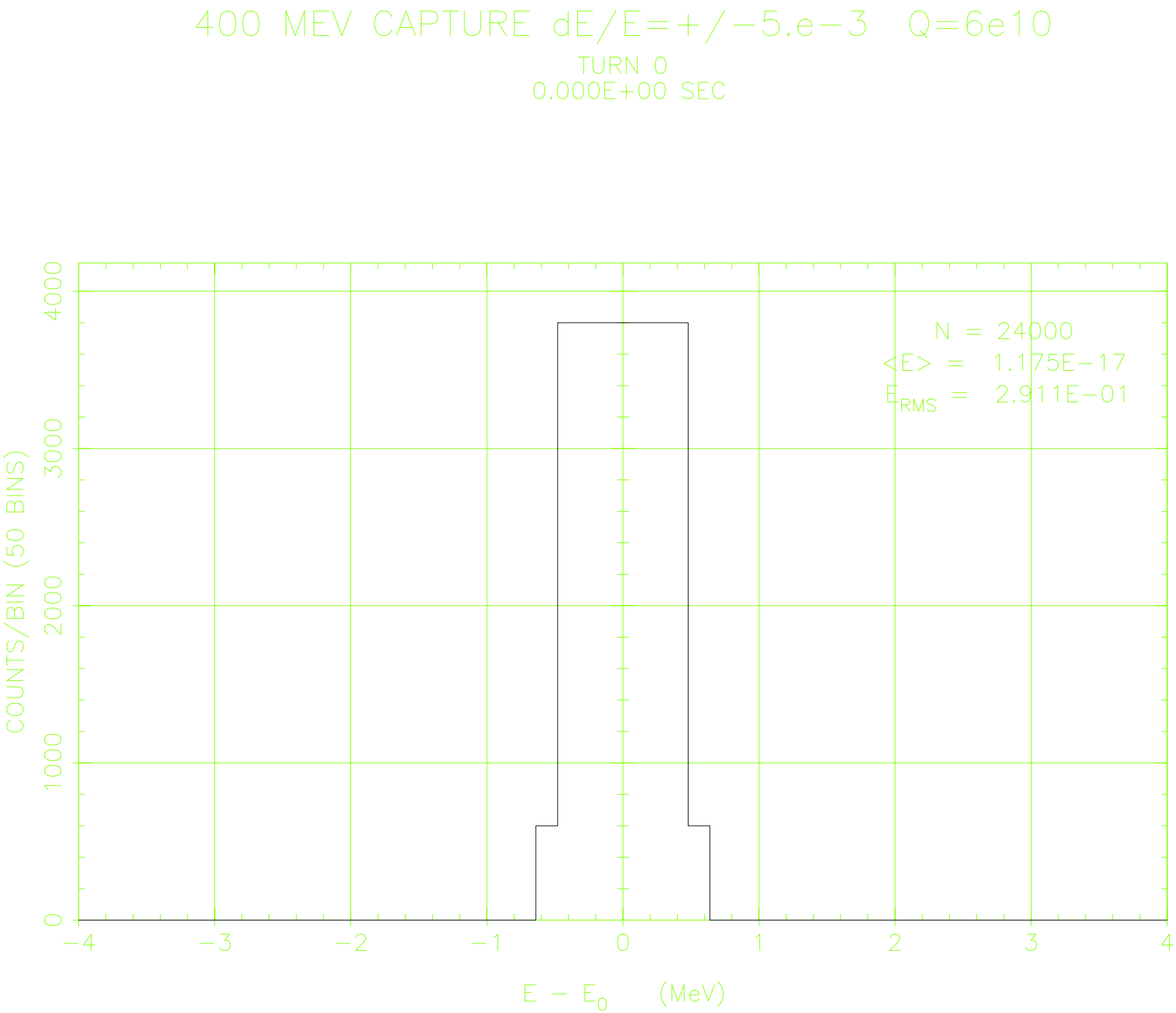
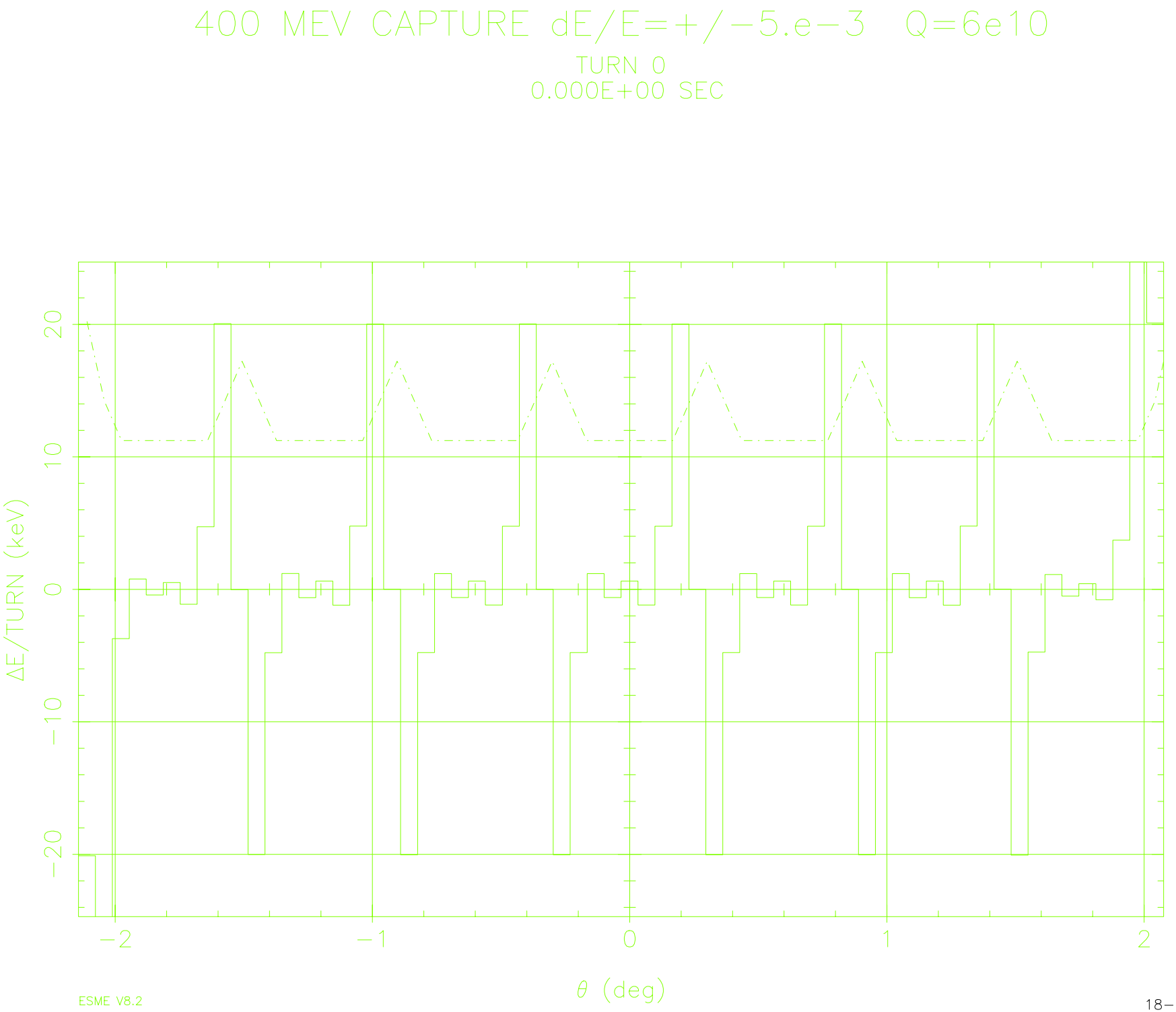

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 0
0.000E+00 SEC
N = 24000
<E> = 1.175E-17
E_RMS = 2.911E-01
COUNTS/BIN (50 BINS)
0
1000
2000
3000
4000
-4
-3
-2
-1
0
1
2
3
4
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 0
0.000E+00 SEC
ΔE/TURN (keV)
20
10
0
-10
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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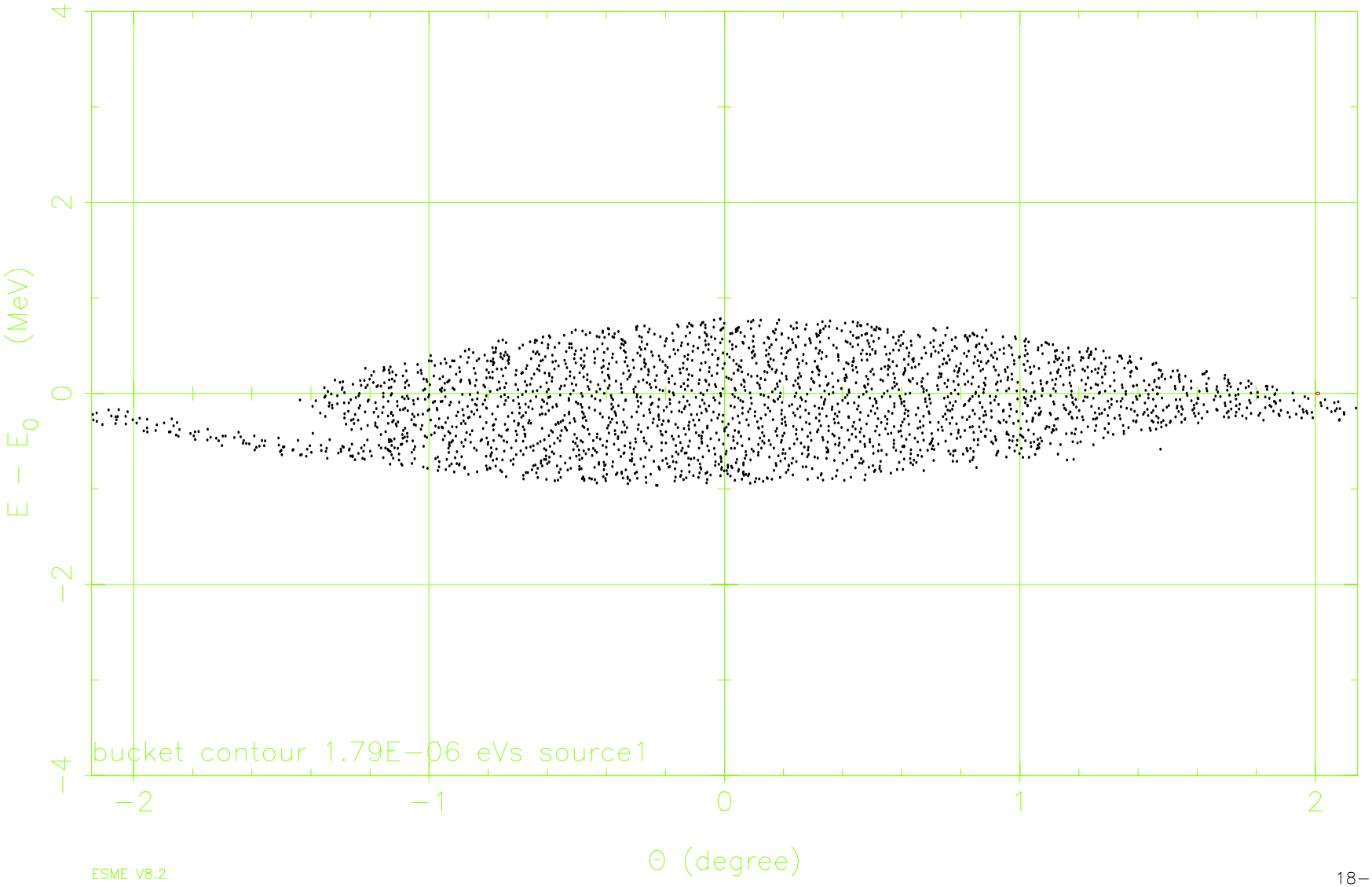
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 50 1.109E−04 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.7876E−02	1.7946E−06	1.3384E+03	84	8.017E−02	4.513E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.6804E−02	3.9877E+03	−4.5772E−01			
τ (s)	S_b (eV s)	N			
2.2180E−06	4.2073E−02	24000			



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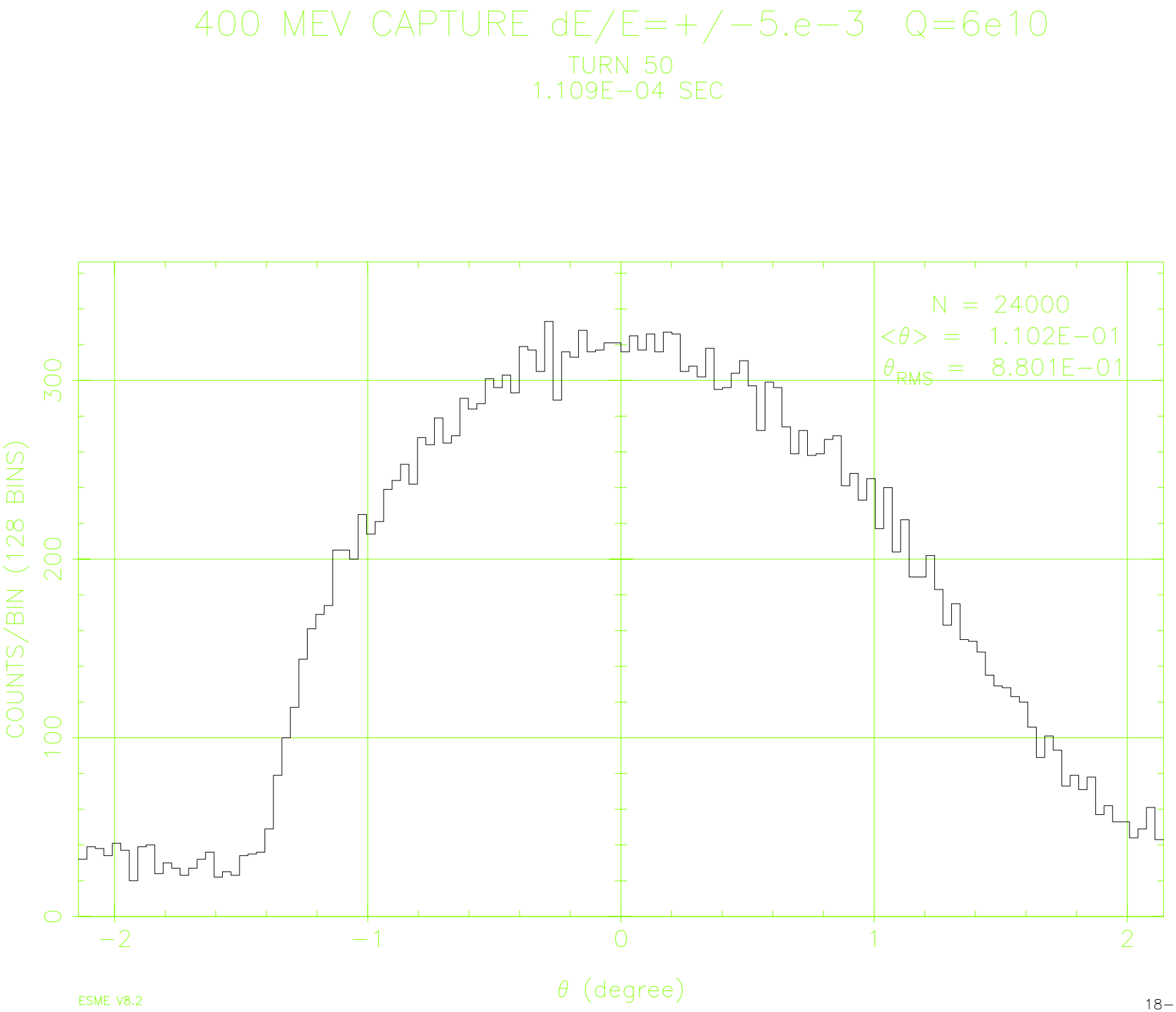
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 50
1.109E-04 SEC
N = 24000
<θ> = 1.102E-01
θRMS = 8.801E-01
COUNTS/BIN (128 BINS)
0
100
200
300
-2
-1
0
1
2
θ (degree)
ESME V8.2
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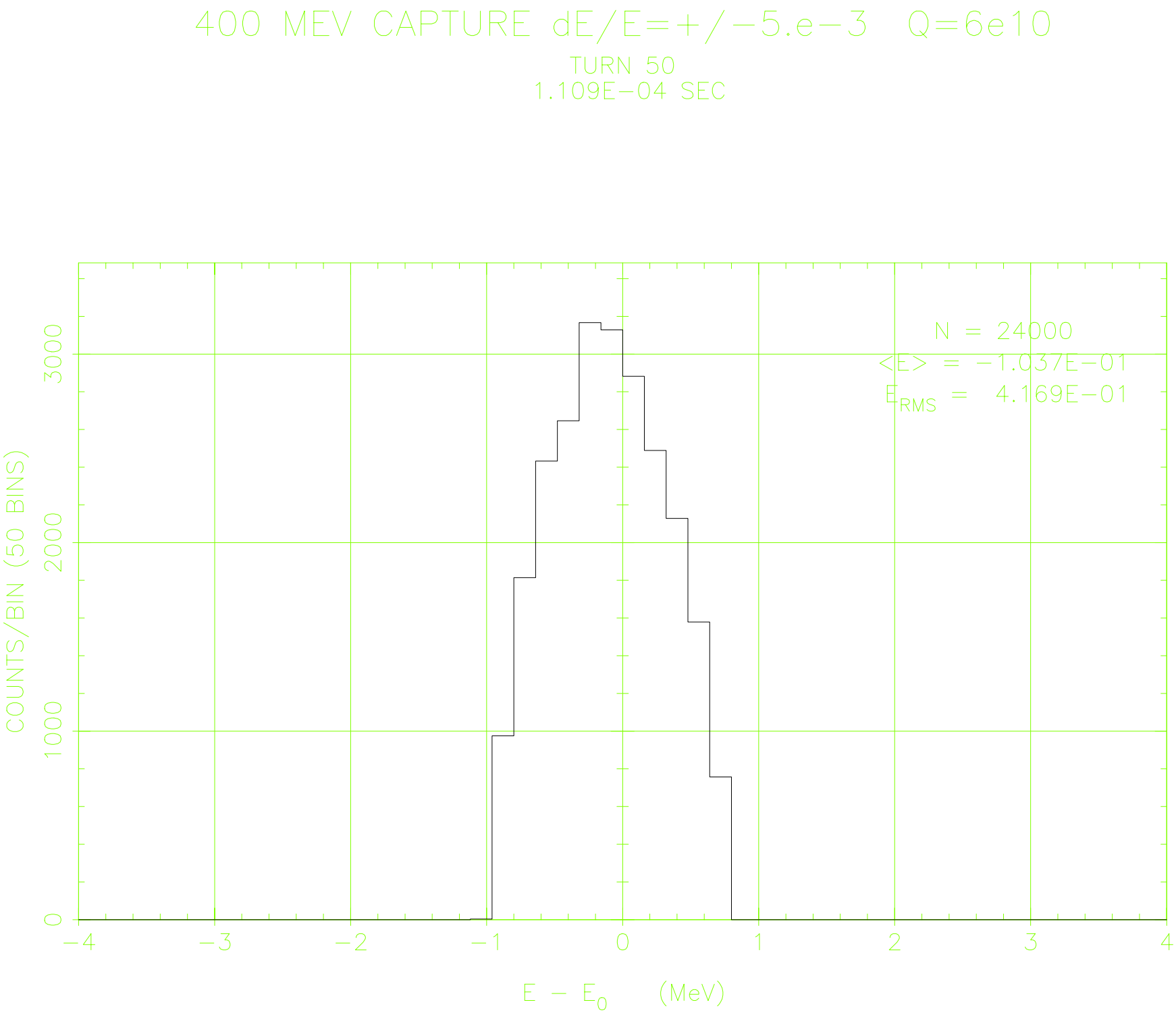
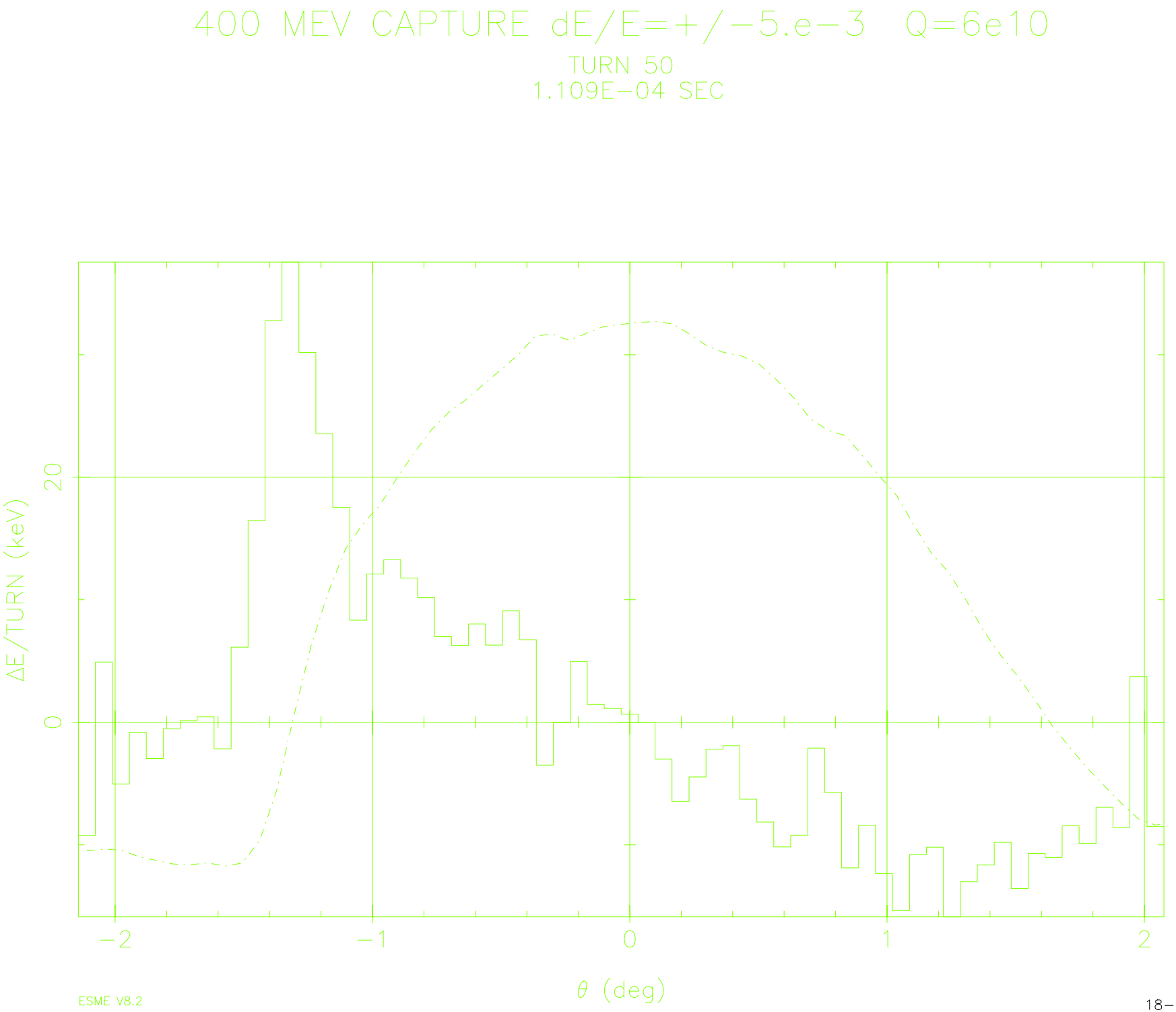

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 50
1.109E-04 SEC
N = 24000
<E> = -1.037E-01
E_RMS = 4.169E-01
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-4
-3
-2
-1
0
1
2
3
4
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 50
1.109E-04 SEC
ΔE/TURN (keV)
20
0
-2
-1
0
1
2
θ (deg)
ESME V8.2
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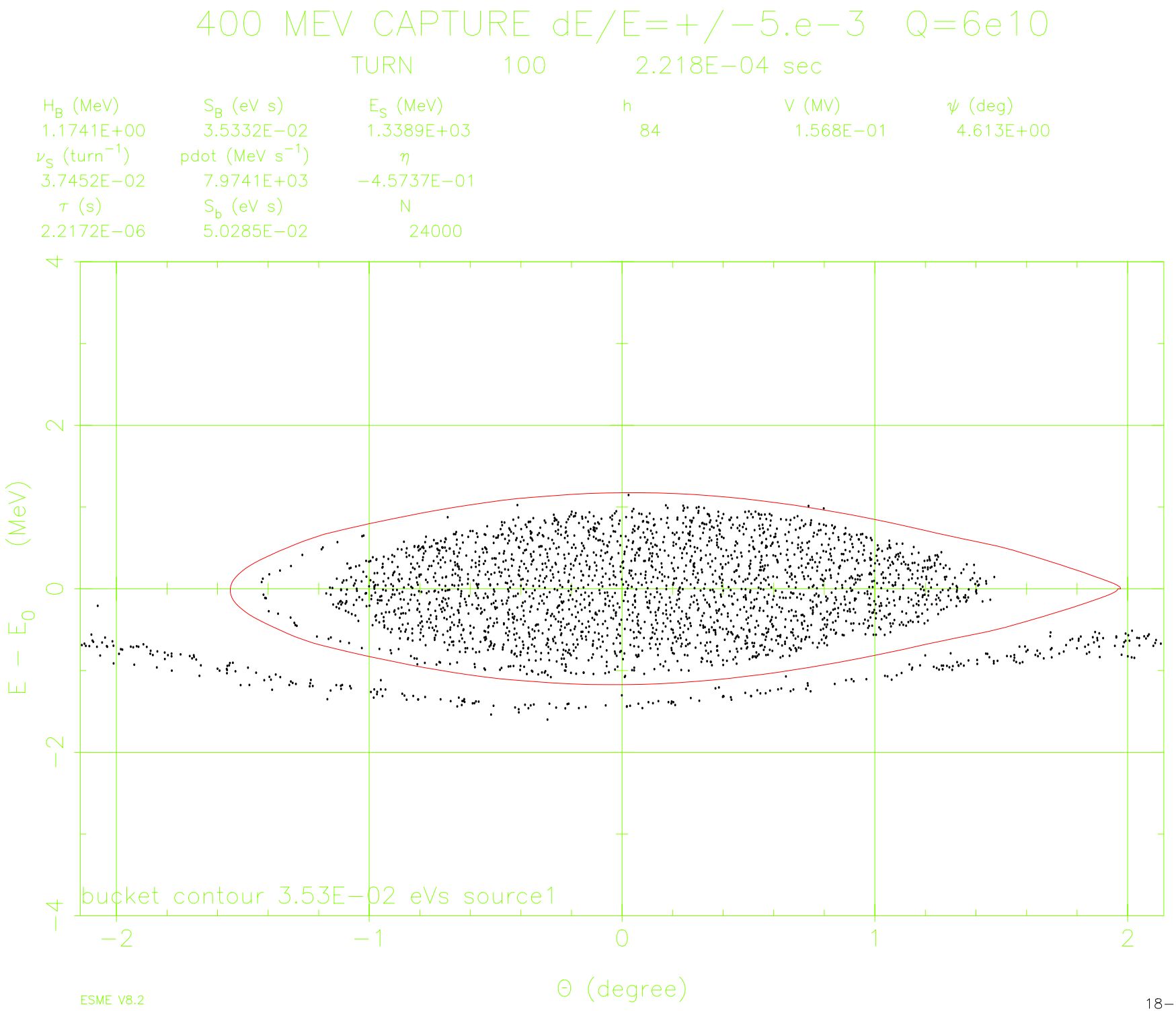
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10
TURN 100 2.218E−04 sec
H_B (MeV) 1.1741E+00
S_B (eV s) 3.5332E−02
E_S (MeV) 1.3389E+03
h 84
V (MV) 1.568E−01
ψ (deg) 4.613E+00
ν_S (turn^−1) 3.7452E−02
pdot (MeV s^−1) 7.9741E+03
η −4.5737E−01
τ (s) 2.2172E−06
S_b (eV s) 5.0285E−02
N 24000
bucket contour 3.53E−02 eVs source1
E − E_0 (MeV)
Θ (degree)
ESME V8.2
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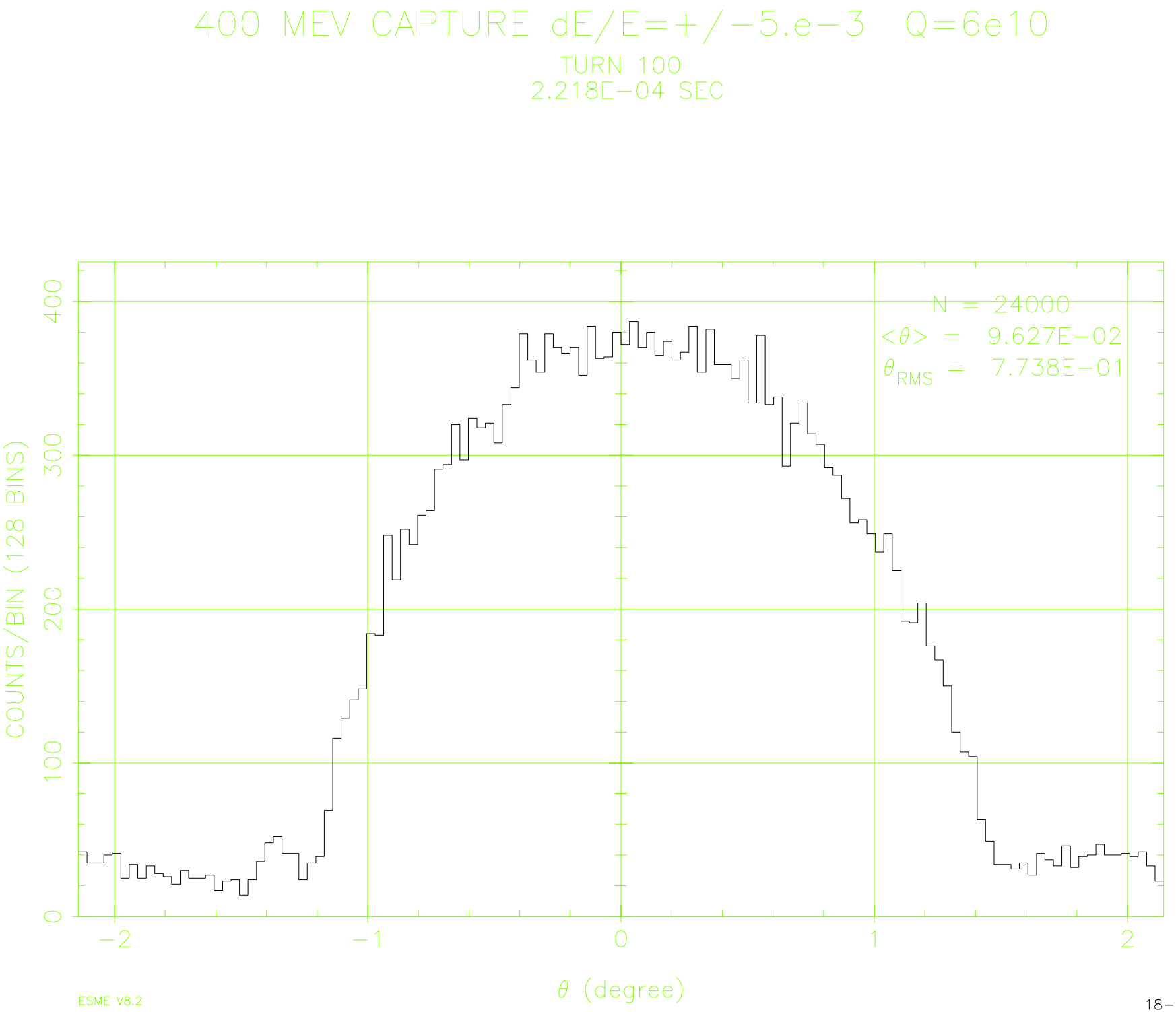
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 100
2.218E-04 SEC
N = 24000
<θ> = 9.627E-02
θRMS = 7.738E-01
COUNTS/BIN (128 BINS)
0
100
200
300
400
-2
-1
0
1
2
θ (degree)
ESME V8.2
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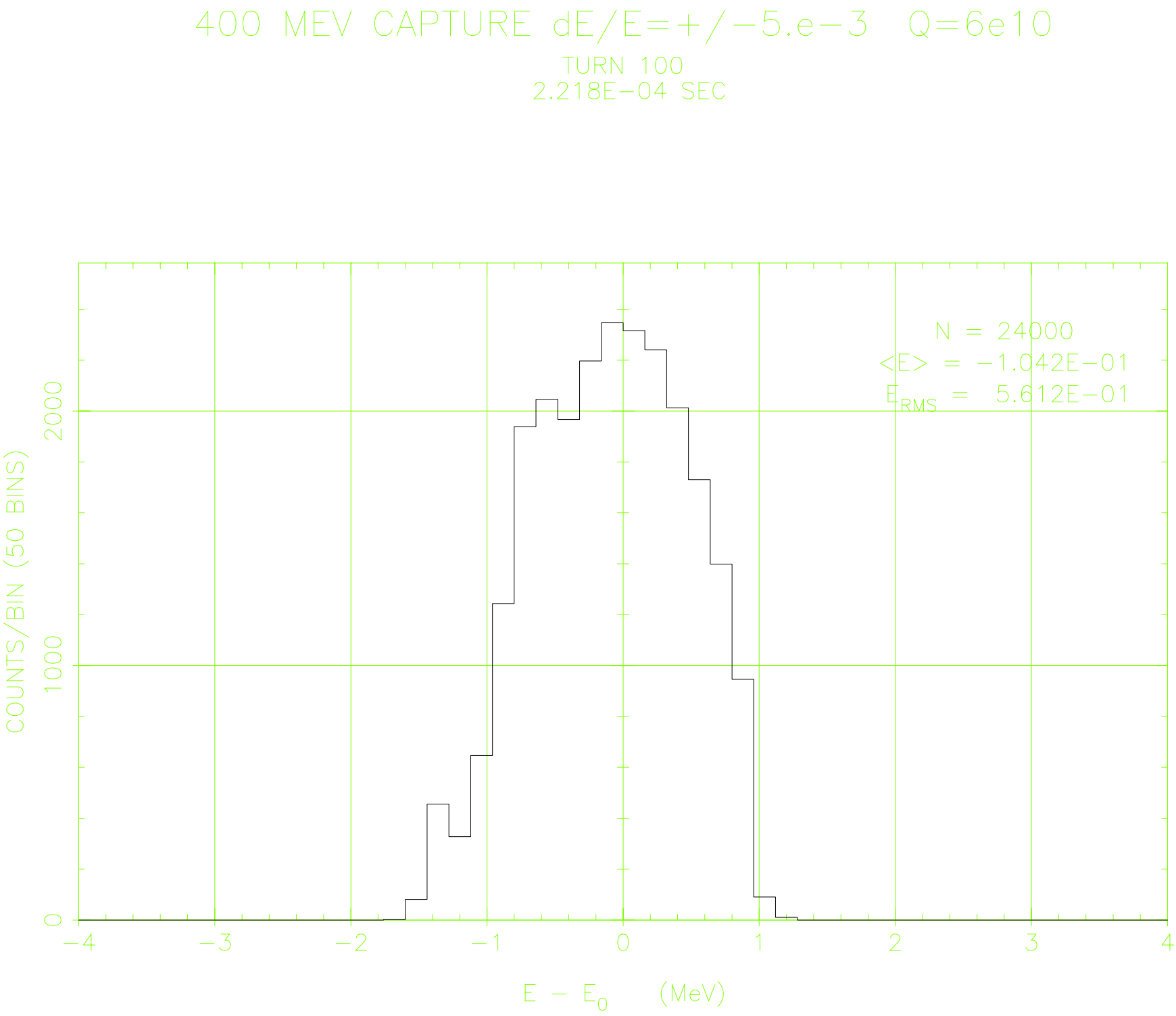
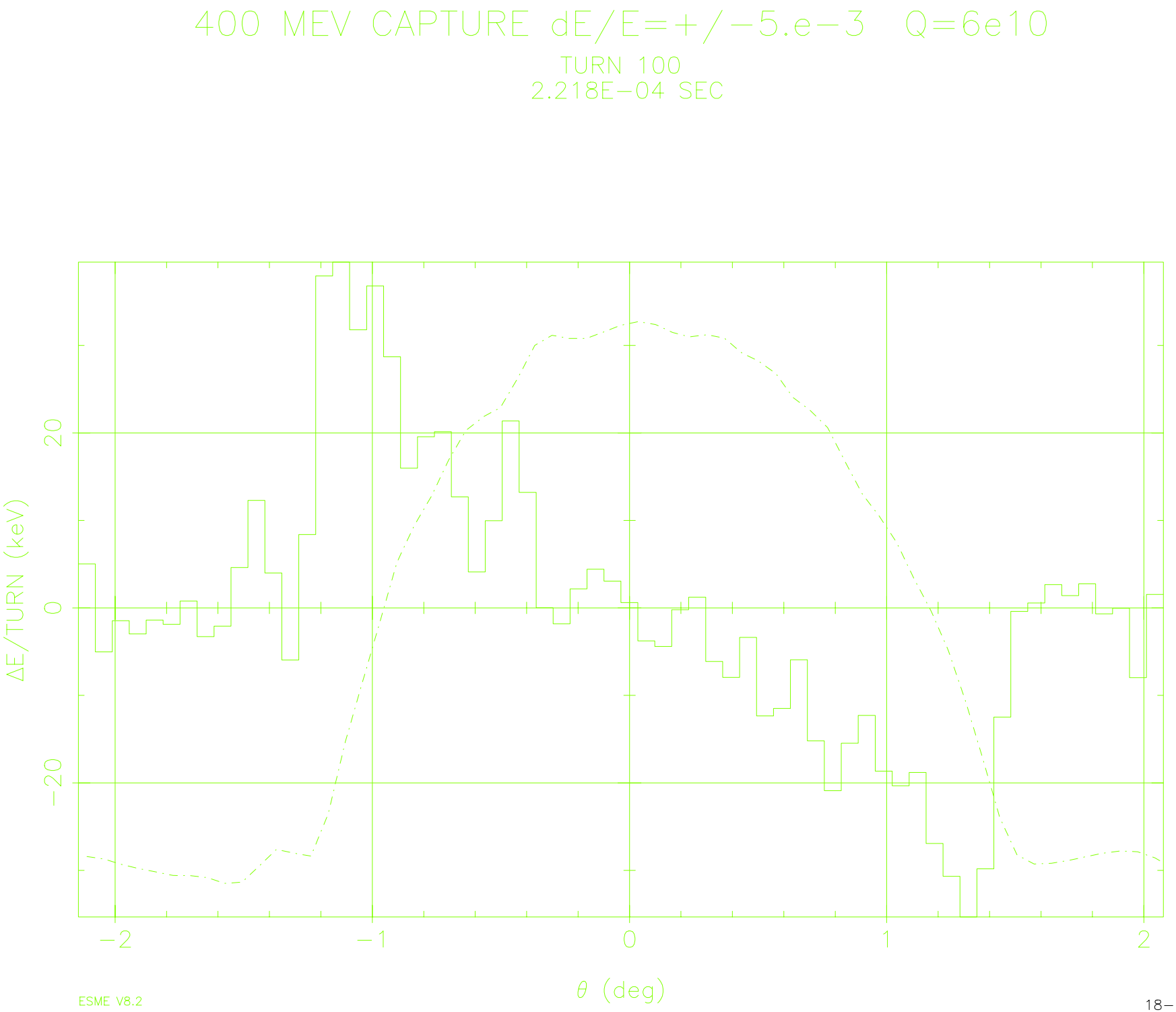

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 100
2.218E-04 SEC
N = 24000
<E> = -1.042E-01
E_RMS = 5.612E-01
COUNTS/BIN (50 BINS)
0
1000
2000
-4
-3
-2
-1
0
1
2
3
4
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 100
2.218E-04 SEC
ΔE/TURN (keV)
20
0
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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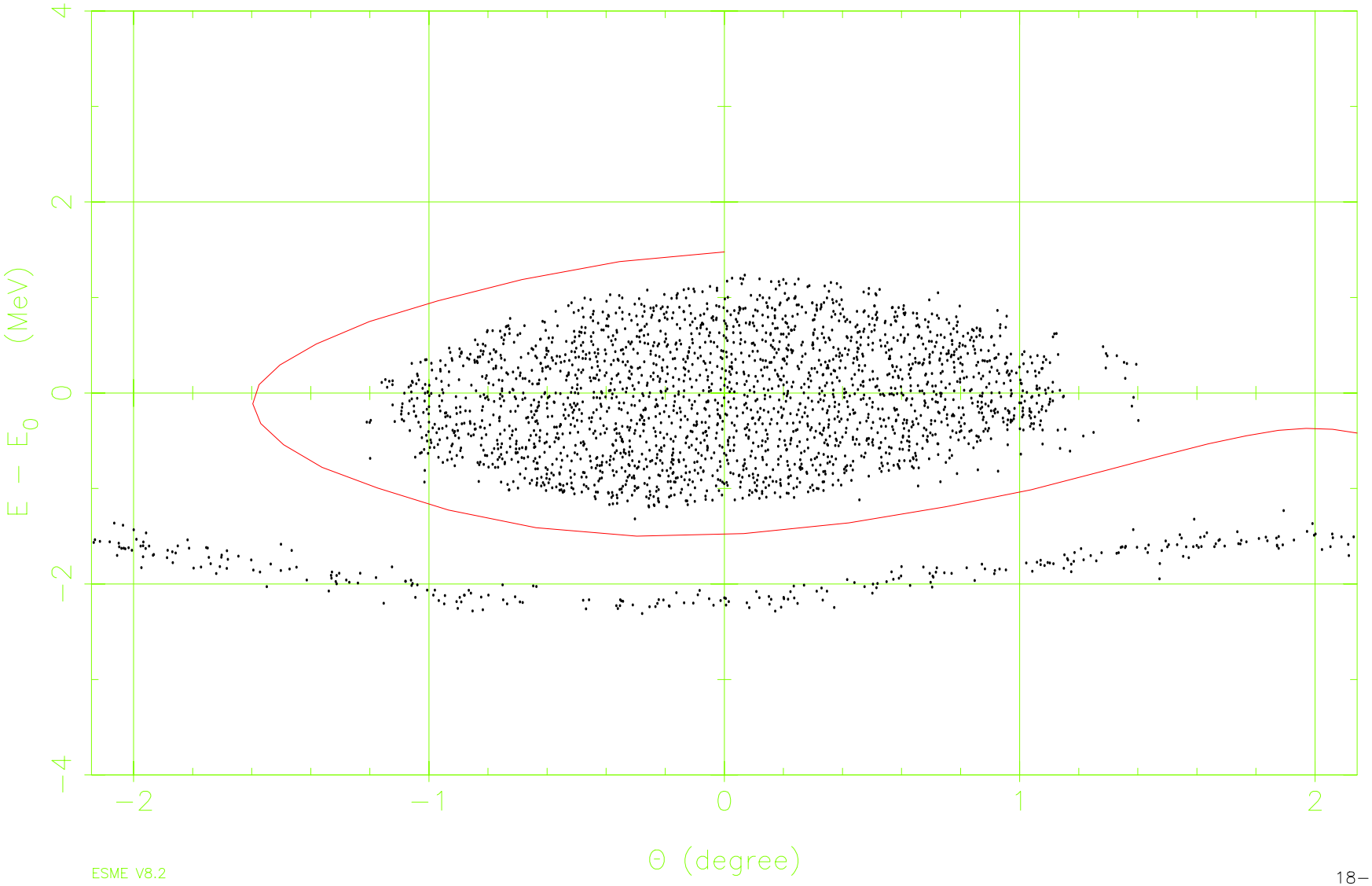
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 150 3.326E−04 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
8.5082E−01	0.0000E+00	1.3397E+03	84	2.334E−01	4.648E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.5624E−02	1.1958E+04	−4.5679E−01			
τ (s)	S_b (eV s)	N			
2.2160E−06	6.2533E−02	24000			



ESME V8.2

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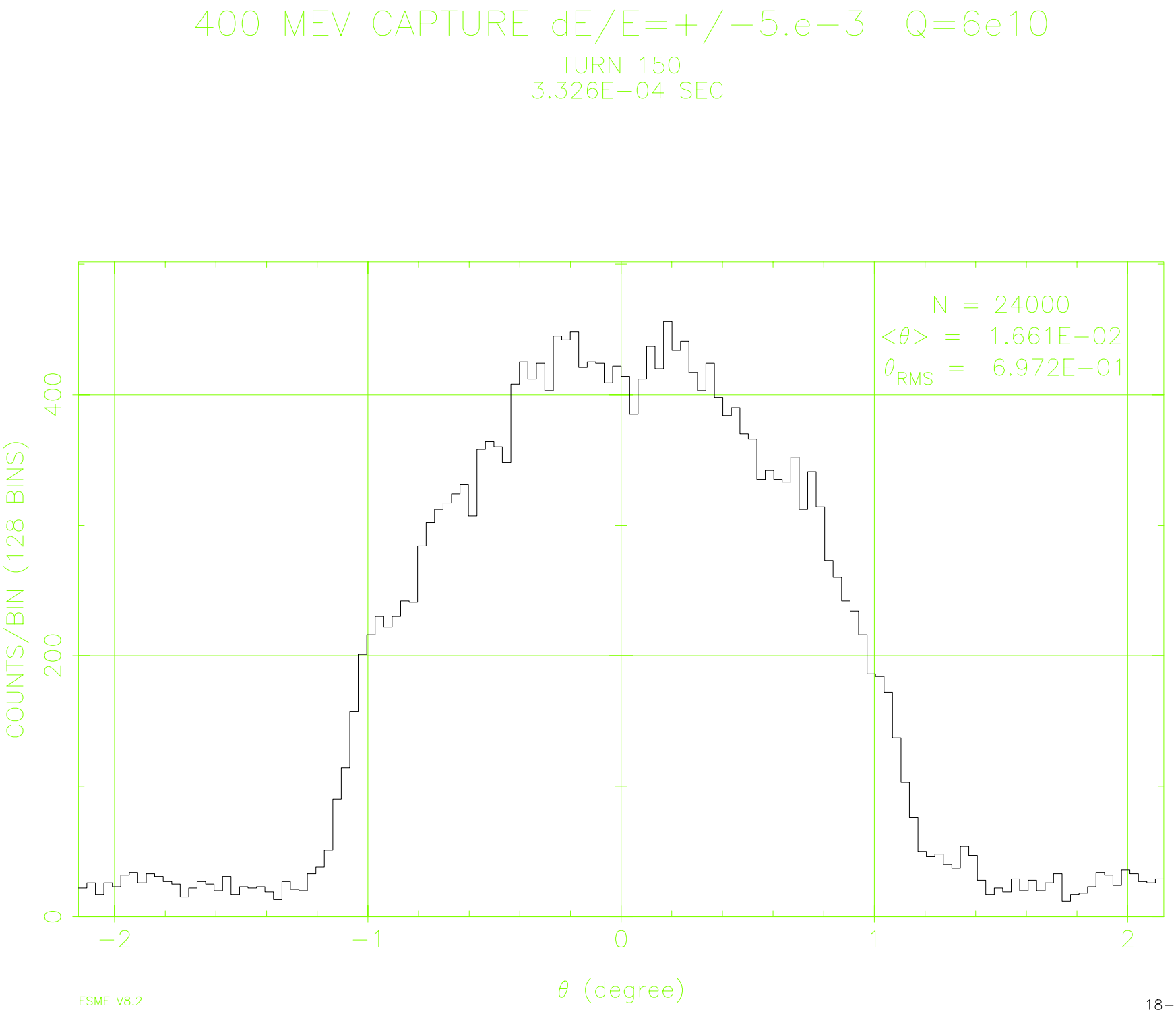
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 150
3.326E-04 SEC
N = 24000
<θ> = 1.661E-02
θRMS = 6.972E-01
COUNTS/BIN (128 BINS)
0
200
400
-2
-1
0
1
2
θ (degree)
ESME V8.2
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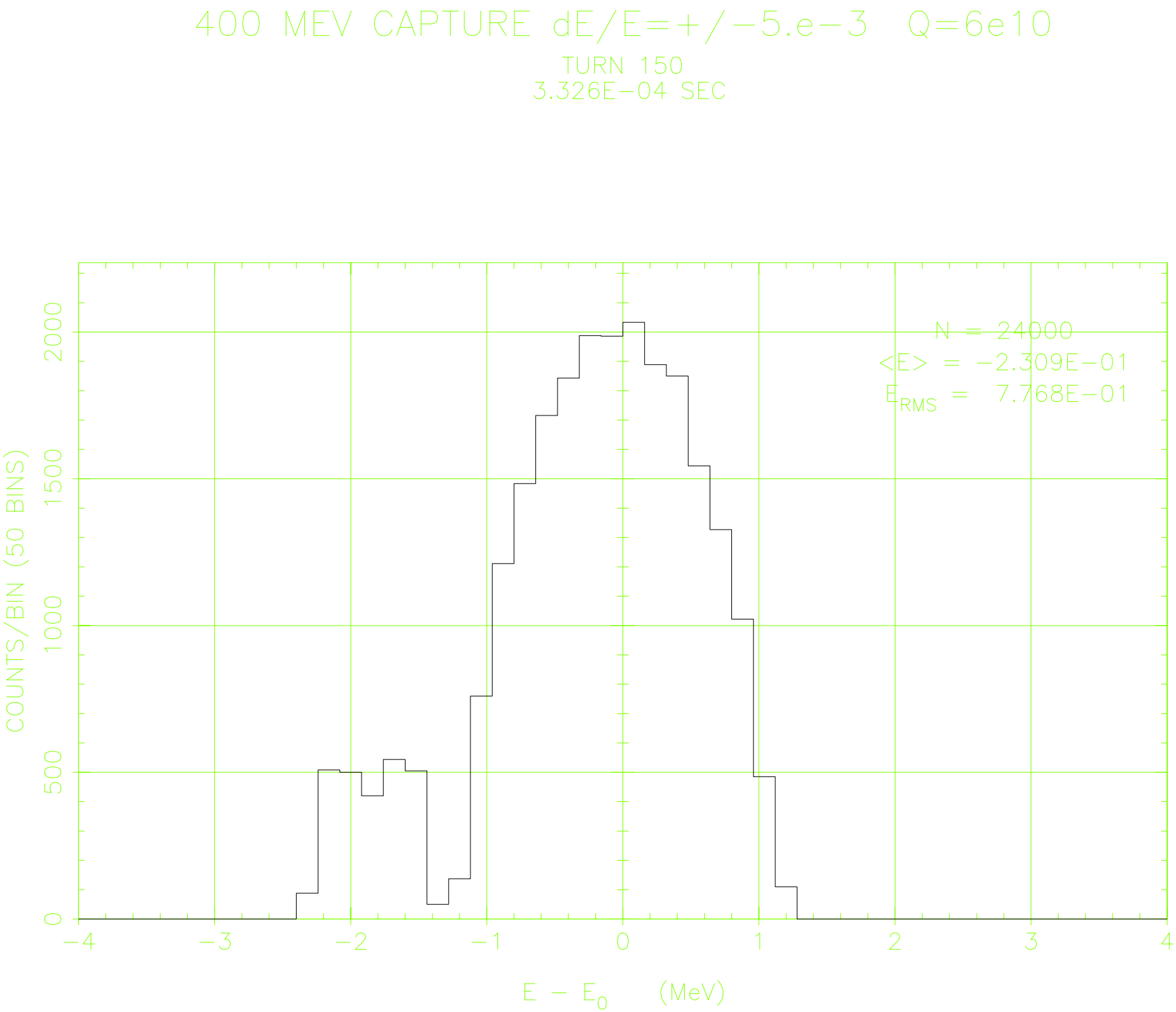
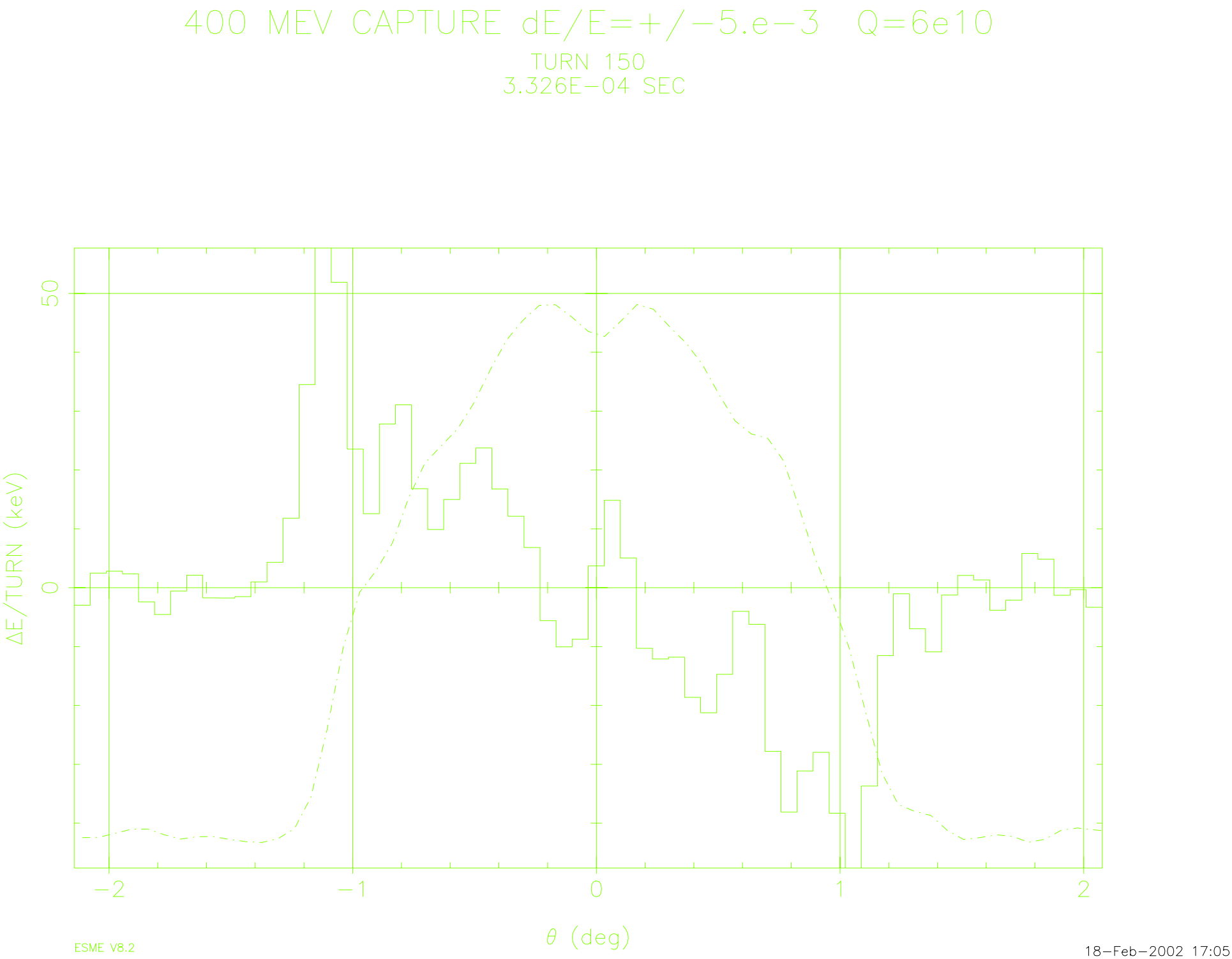

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 150
3.326E-04 SEC
N = 24000
<E> = -2.309E-01
E_RMS = 7.768E-01
COUNTS/BIN (50 BINS)
0
500
1000
1500
2000
-4
-3
-2
-1
0
1
2
3
4
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 150
3.326E-04 SEC
50
0
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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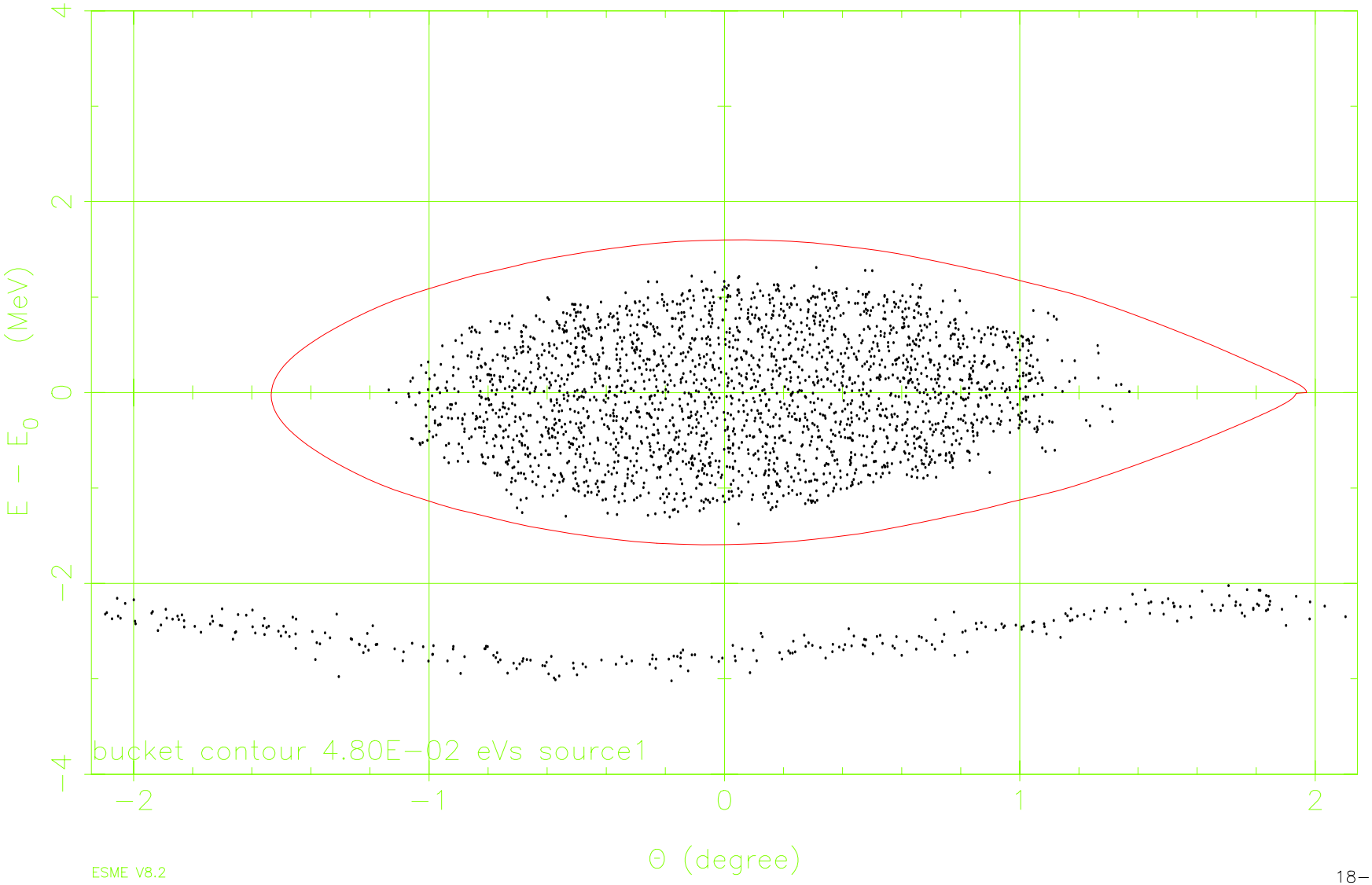
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 181 4.013E−04 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.5976E+00	4.7998E−02	1.3403E+03	84	2.800E−01	4.674E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.9906E−02	1.4426E+04	−4.5631E−01			
τ (s)	S_b (eV s)	N			
2.2149E−06	7.3536E−02	24000			



ESME V8.2

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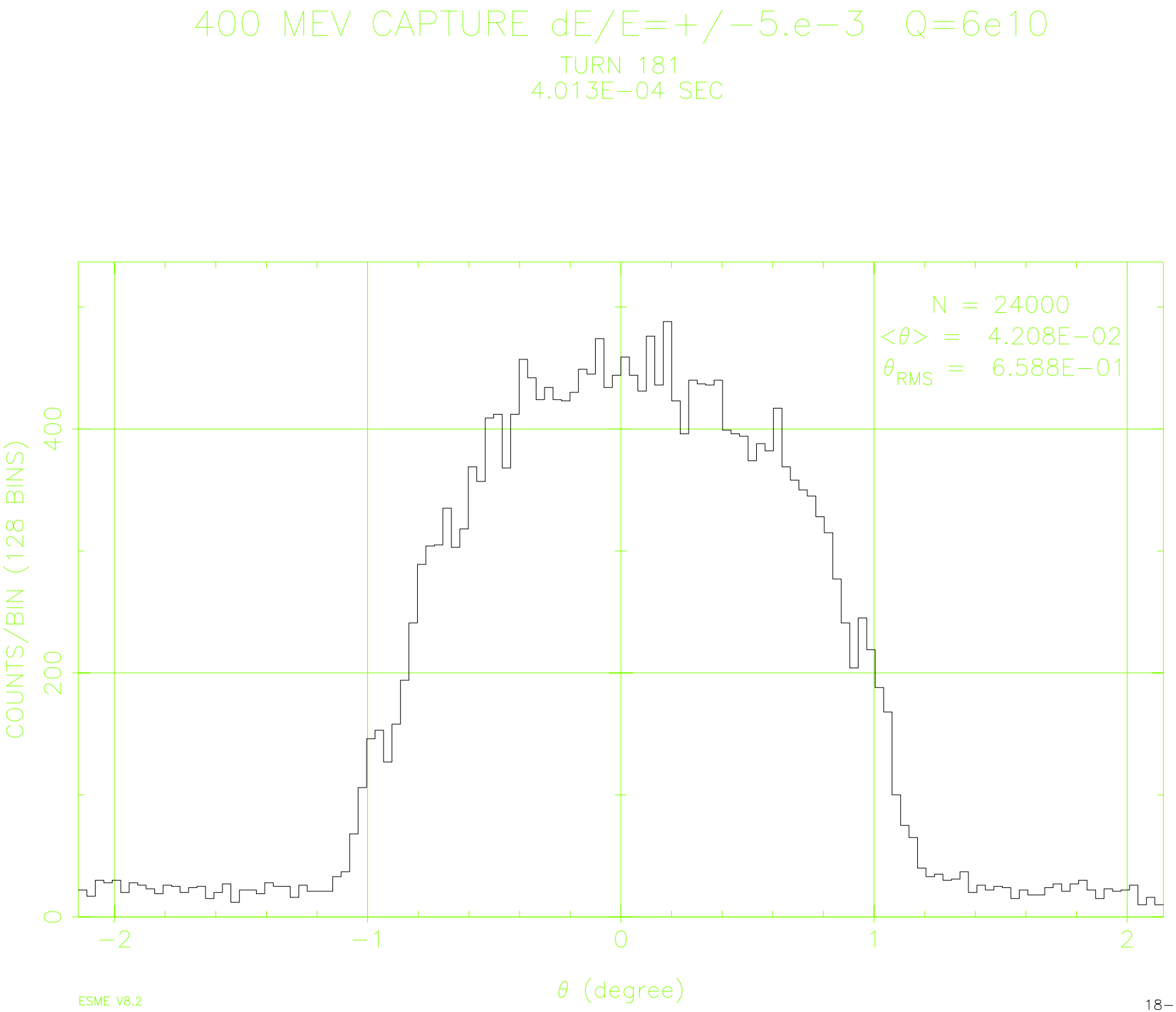
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 181
4.013E-04 SEC
N = 24000
<θ> = 4.208E-02
θRMS = 6.588E-01
COUNTS/BIN (128 BINS)
0
200
400
-2
-1
0
1
2
θ (degree)
ESME V8.2
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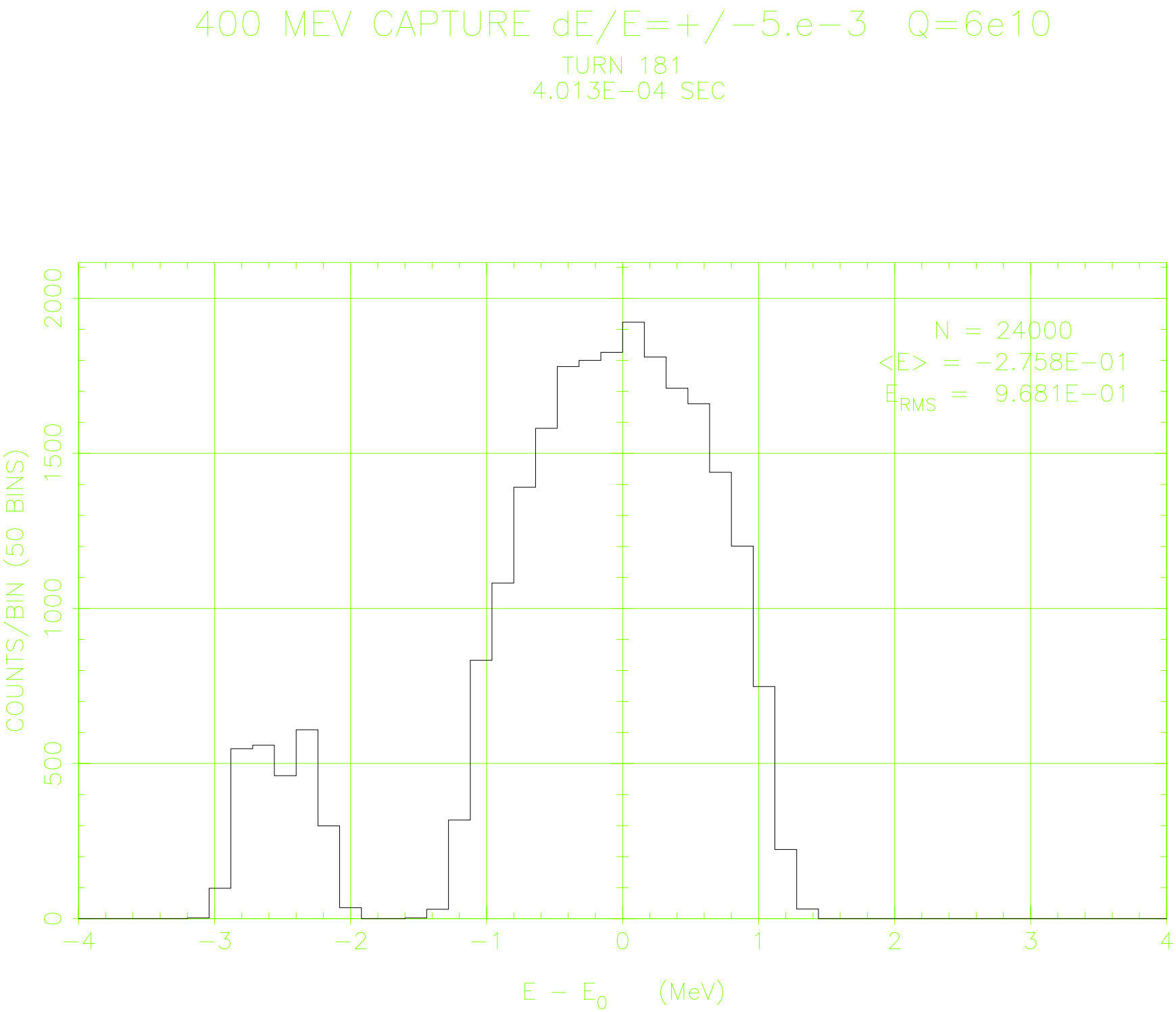
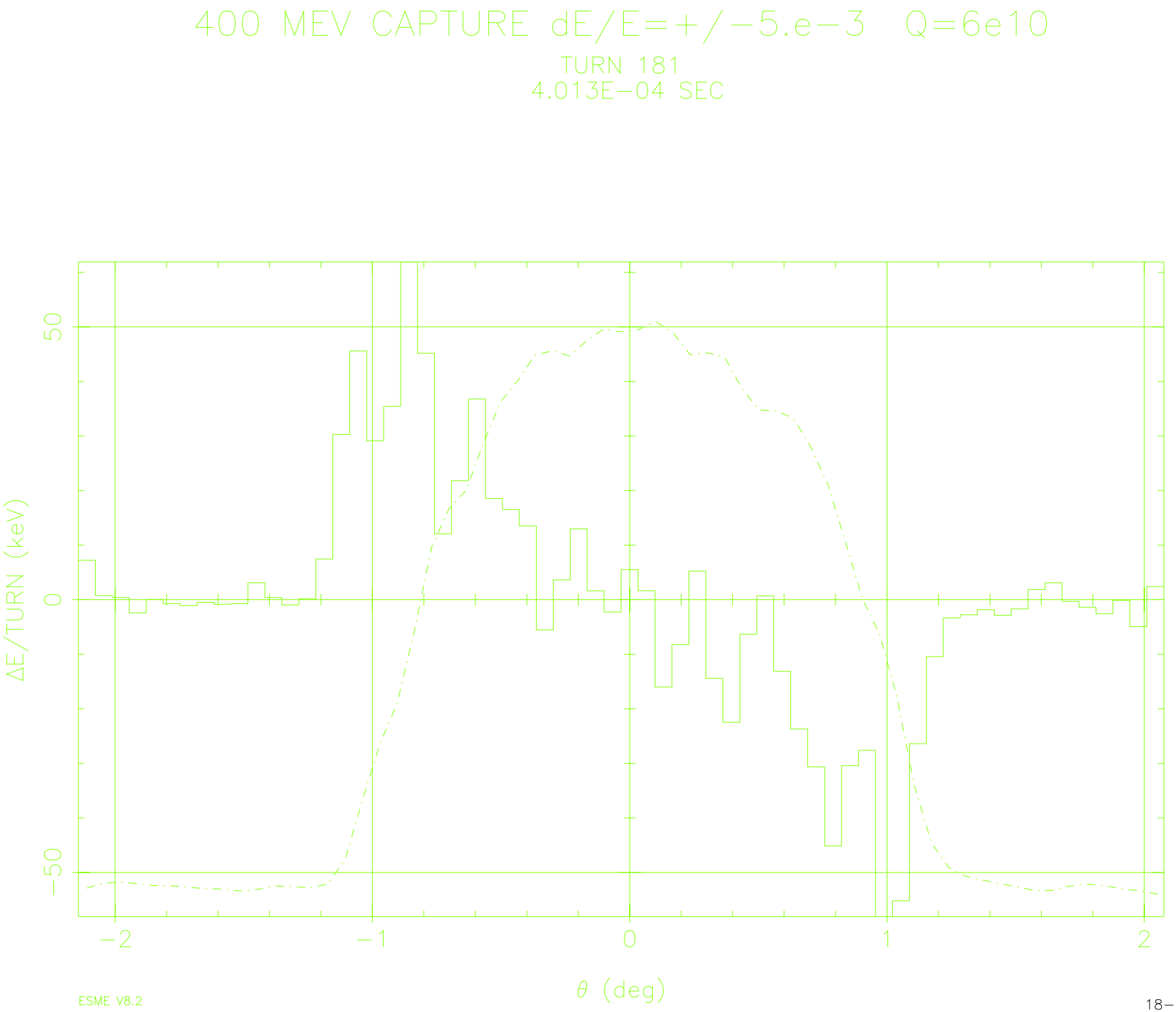

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 181
4.013E-04 SEC
N = 24000
<E> = -2.758E-01
E_RMS = 9.681E-01
COUNTS/BIN (50 BINS)
0
500
1000
1500
2000
-4
-3
-2
-1
0
1
2
3
4
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 181
4.013E-04 SEC
50
0
-50
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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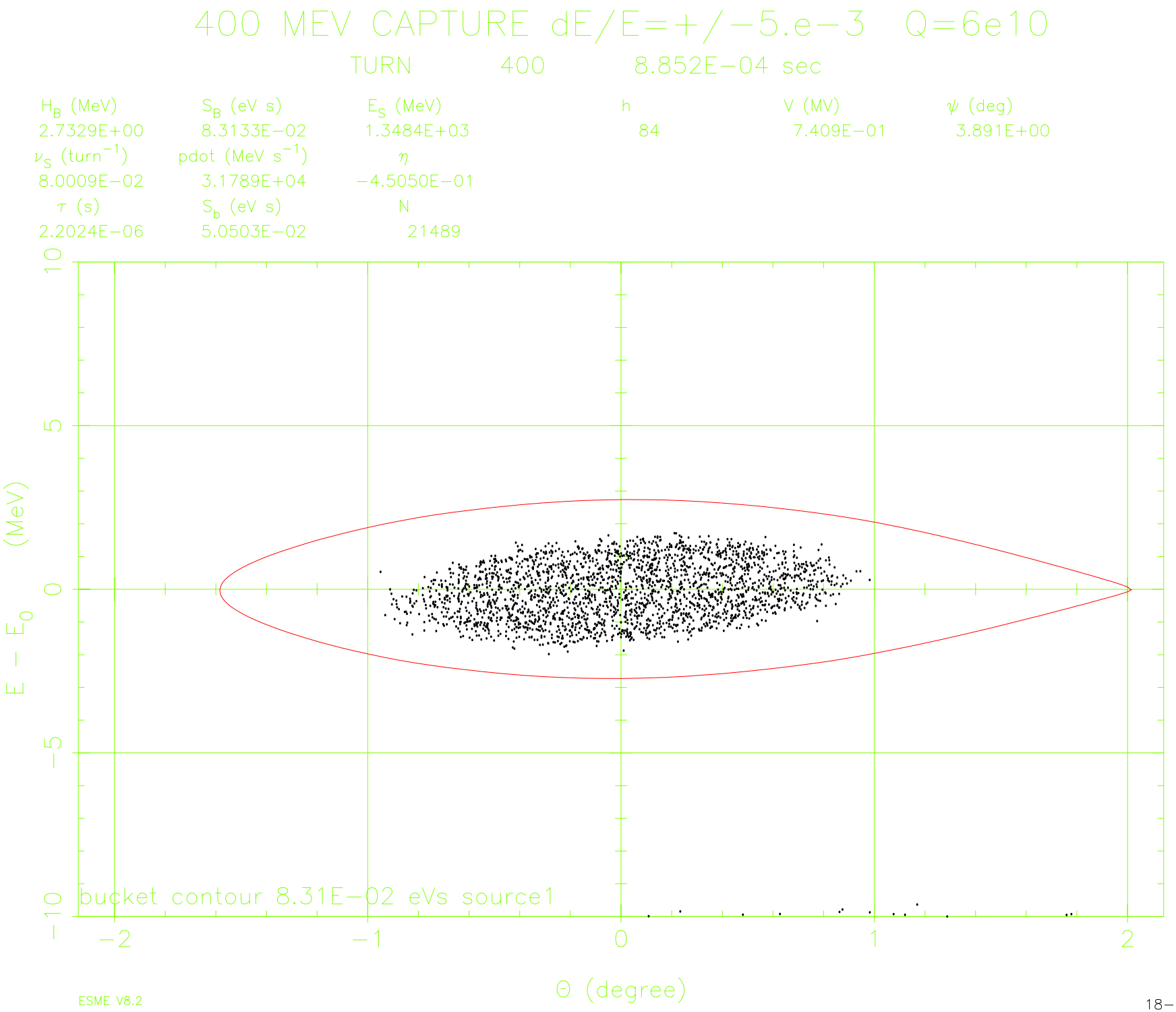
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 400 8.852E-04 sec
H_B (MeV) 2.7329E+00
S_B (eV s) 8.3133E-02
E_S (MeV) 1.3484E+03
h 84
V (MV) 7.409E-01
ψ (deg) 3.891E+00
ν_S (turn^-1) 8.0009E-02
pdot (MeV s^-1) 3.1789E+04
η −4.5050E-01
τ (s) 2.2024E-06
S_b (eV s) 5.0503E-02
N 21489
E − E_0 (MeV)
Θ (degree)
bucket contour 8.31E-02 eVs source1
ESME V8.2
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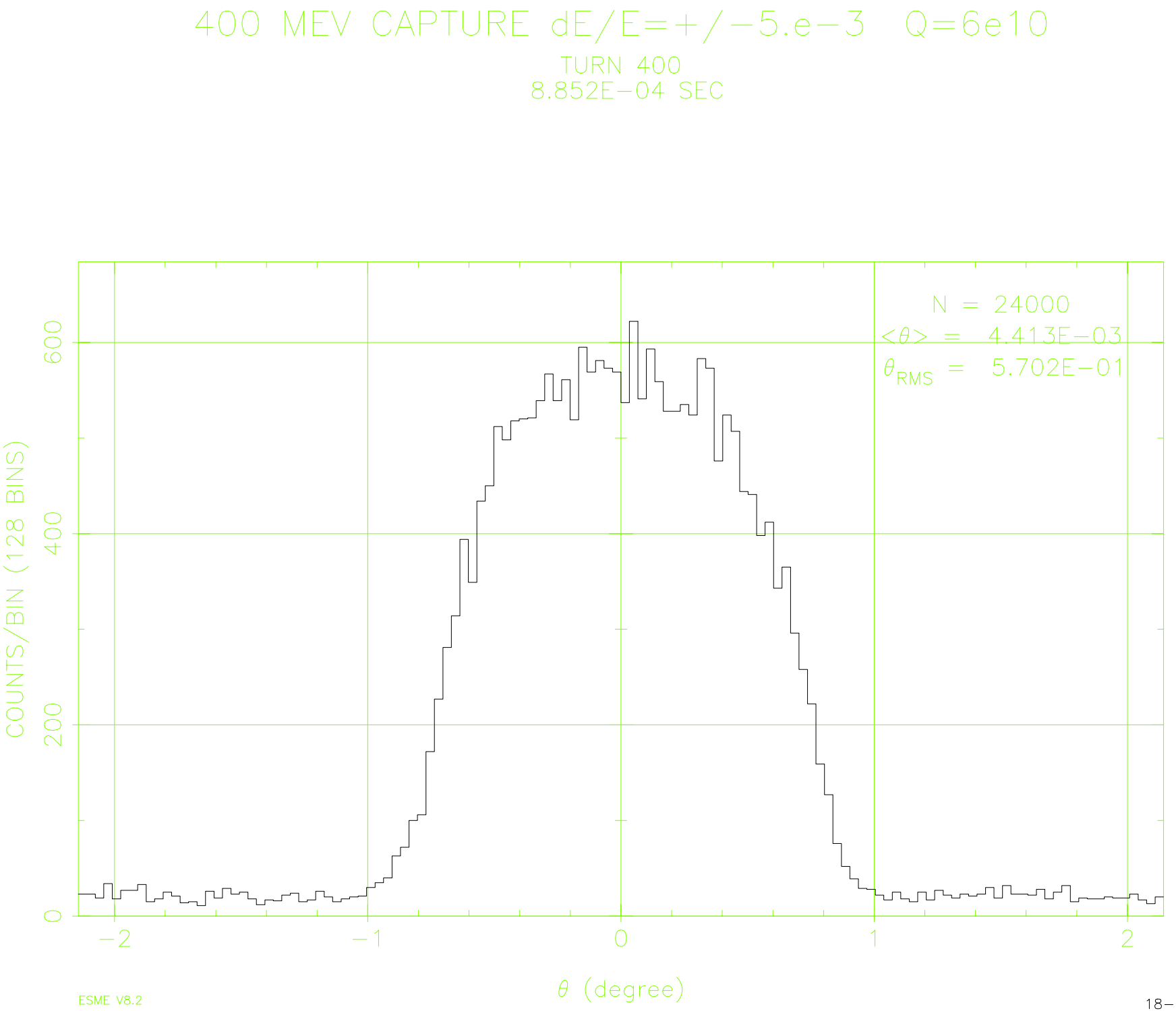

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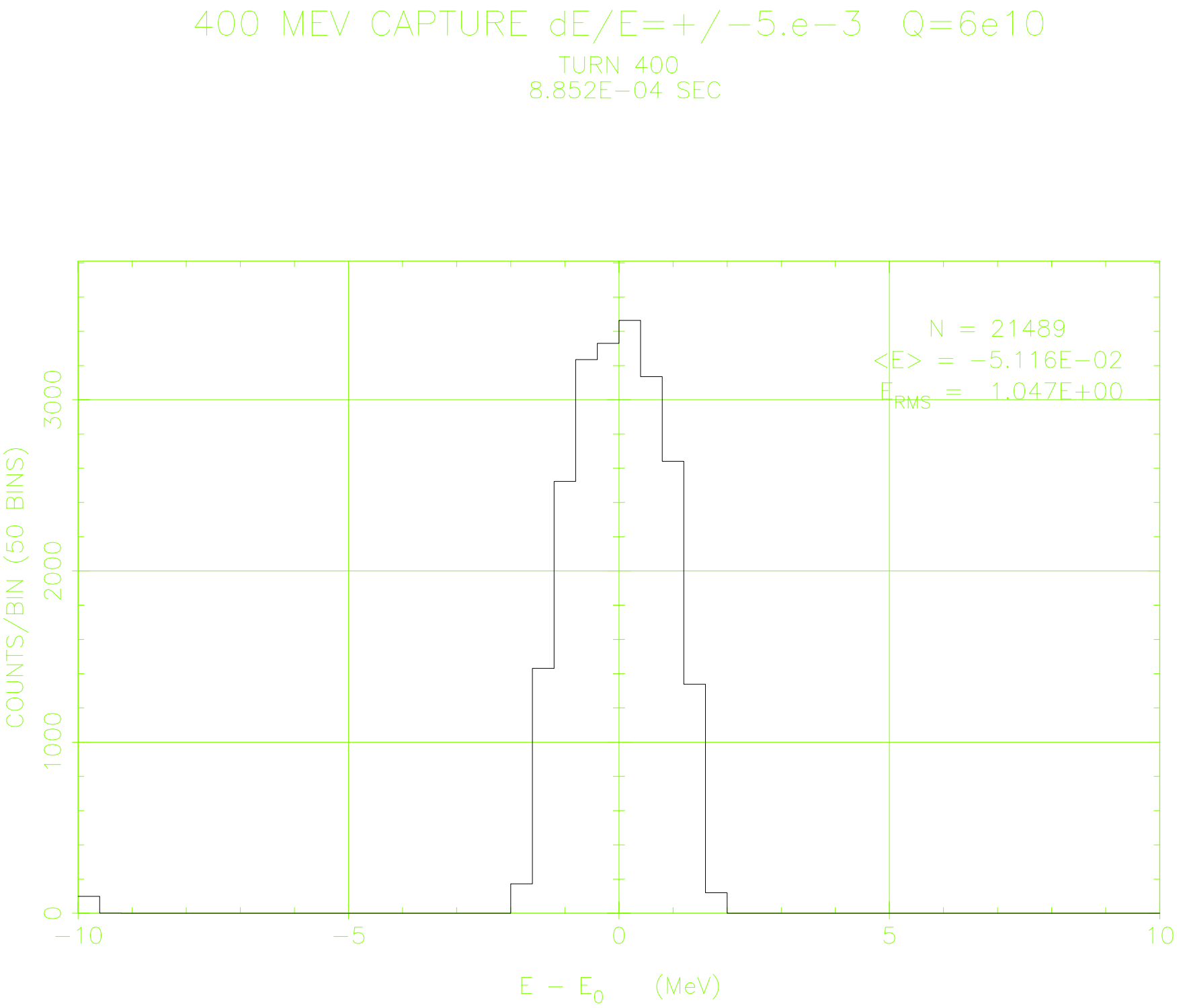
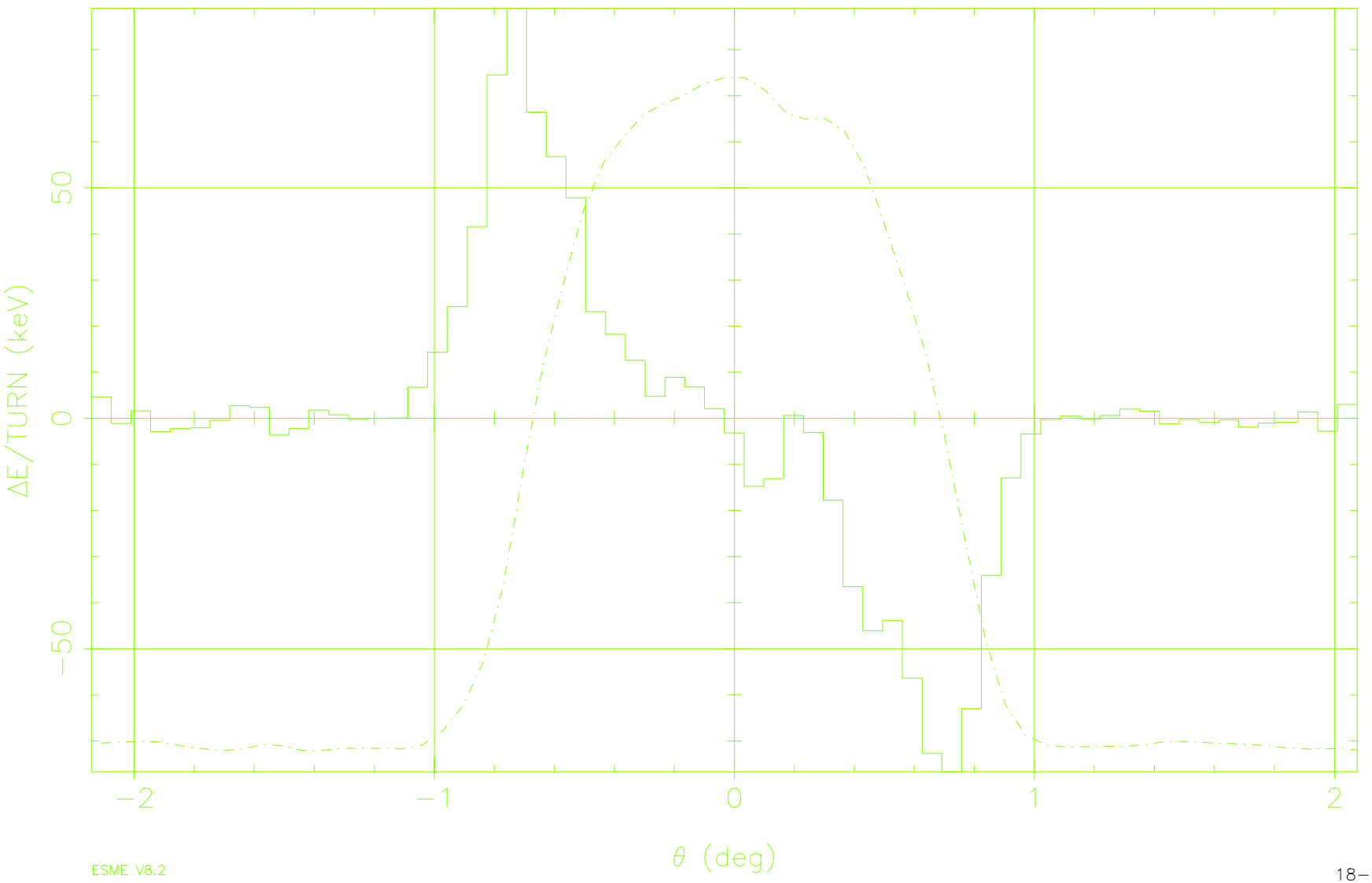

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 400
8.852E-04 SEC
N = 21489
<E> = -5.116E-02
E_RMS = 1.047E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-10
-5
0
5
10
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 400
8.852E-04 SEC
ΔE/TURN (keV)
50
0
-50
-2
-1
0
1
2
θ (deg)
ESME V8.2
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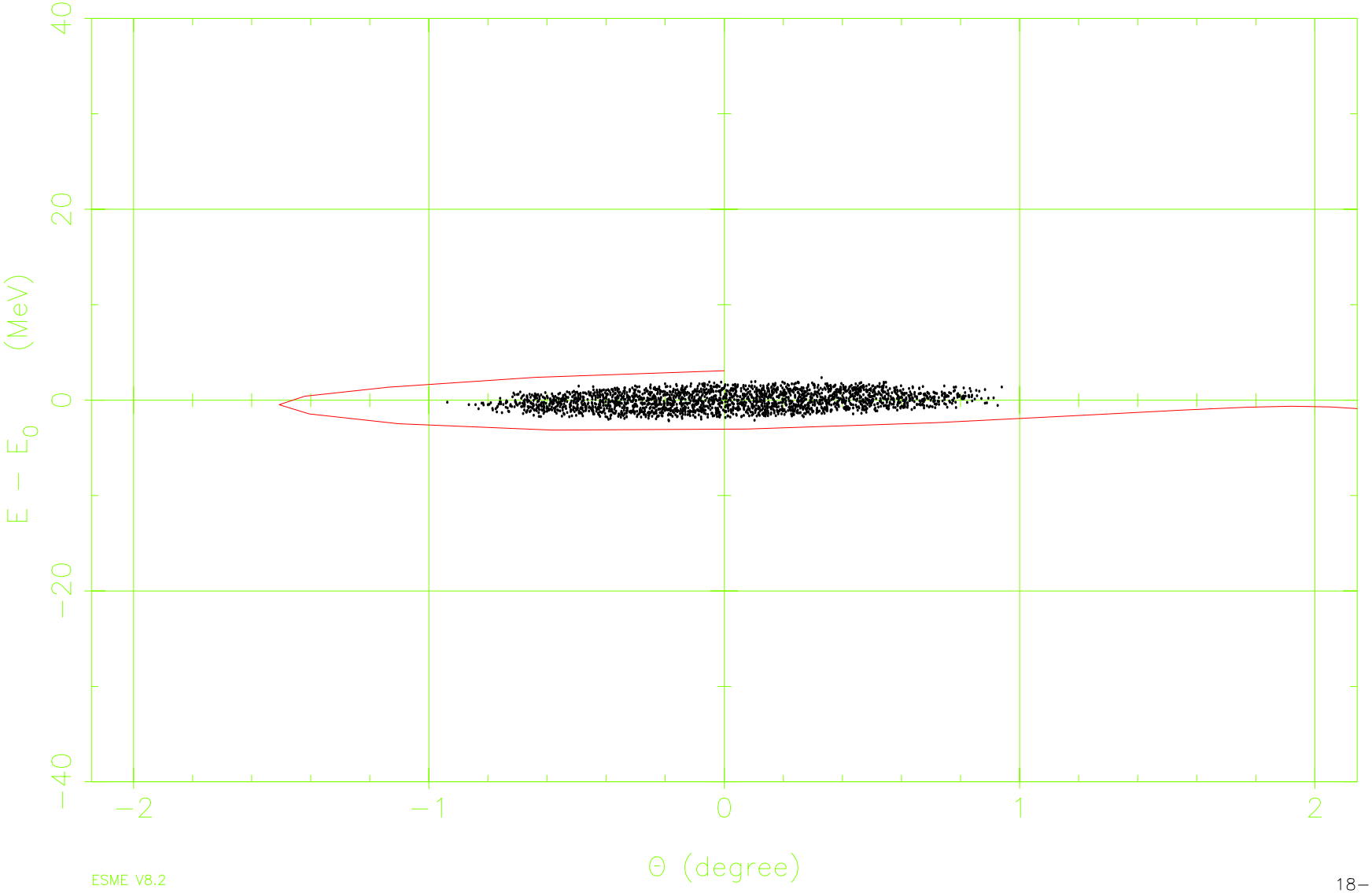
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 800 1.758E−03 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.9103E+00	0.0000E+00	1.3784E+03	84	9.258E−01	6.172E+00
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
8.4539E−02	6.2925E+04	−4.2963E−01			
τ (s)	S_b (eV s)	N			
2.1592E−06	3.8158E−02	21389			



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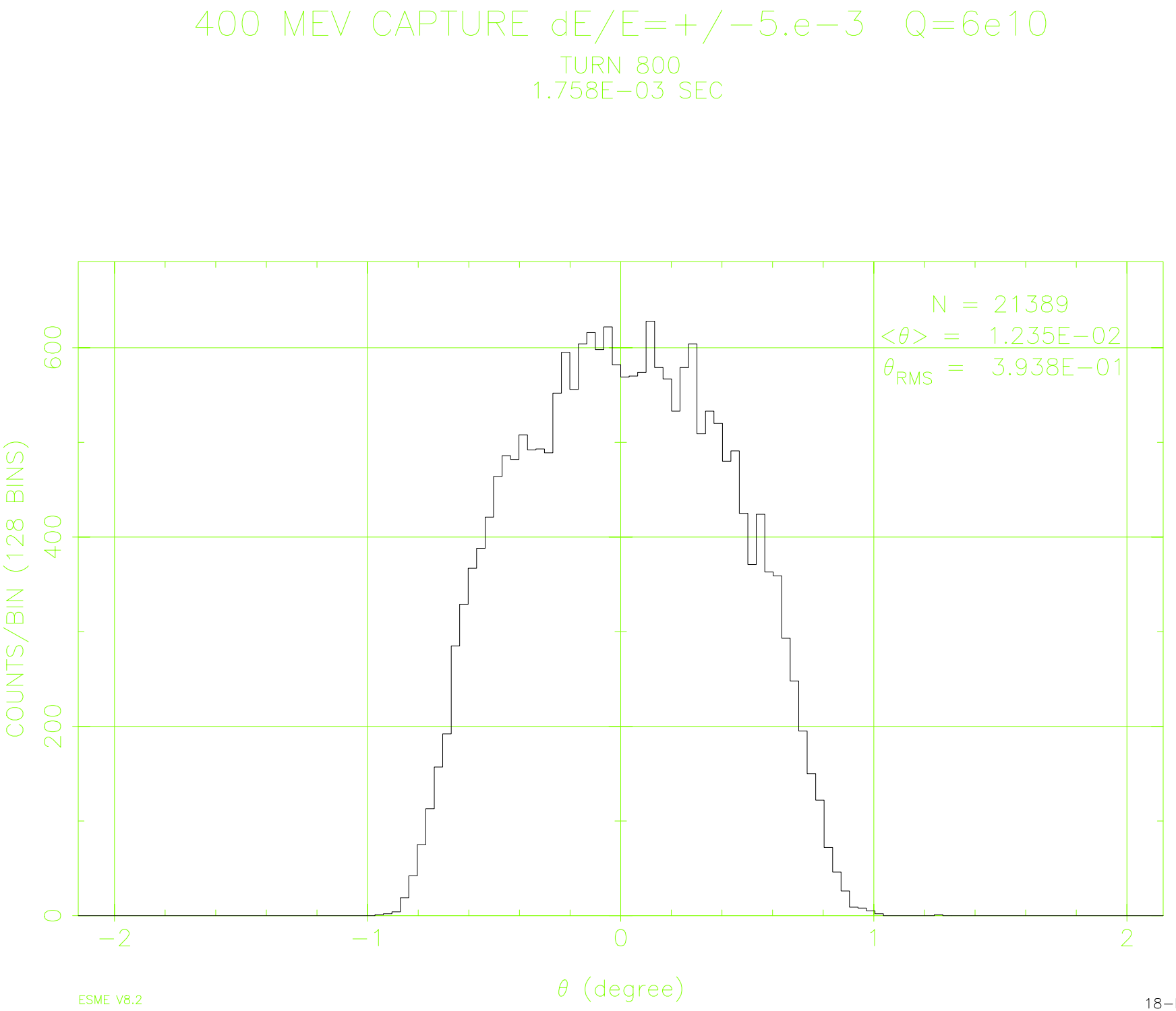
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 800
1.758E-03 SEC
N = 21389
<θ> = 1.235E-02
θRMS = 3.938E-01
COUNTS/BIN (128 BINS)
0
200
400
600
-2
-1
0
1
2
θ (degree)
ESME V8.2
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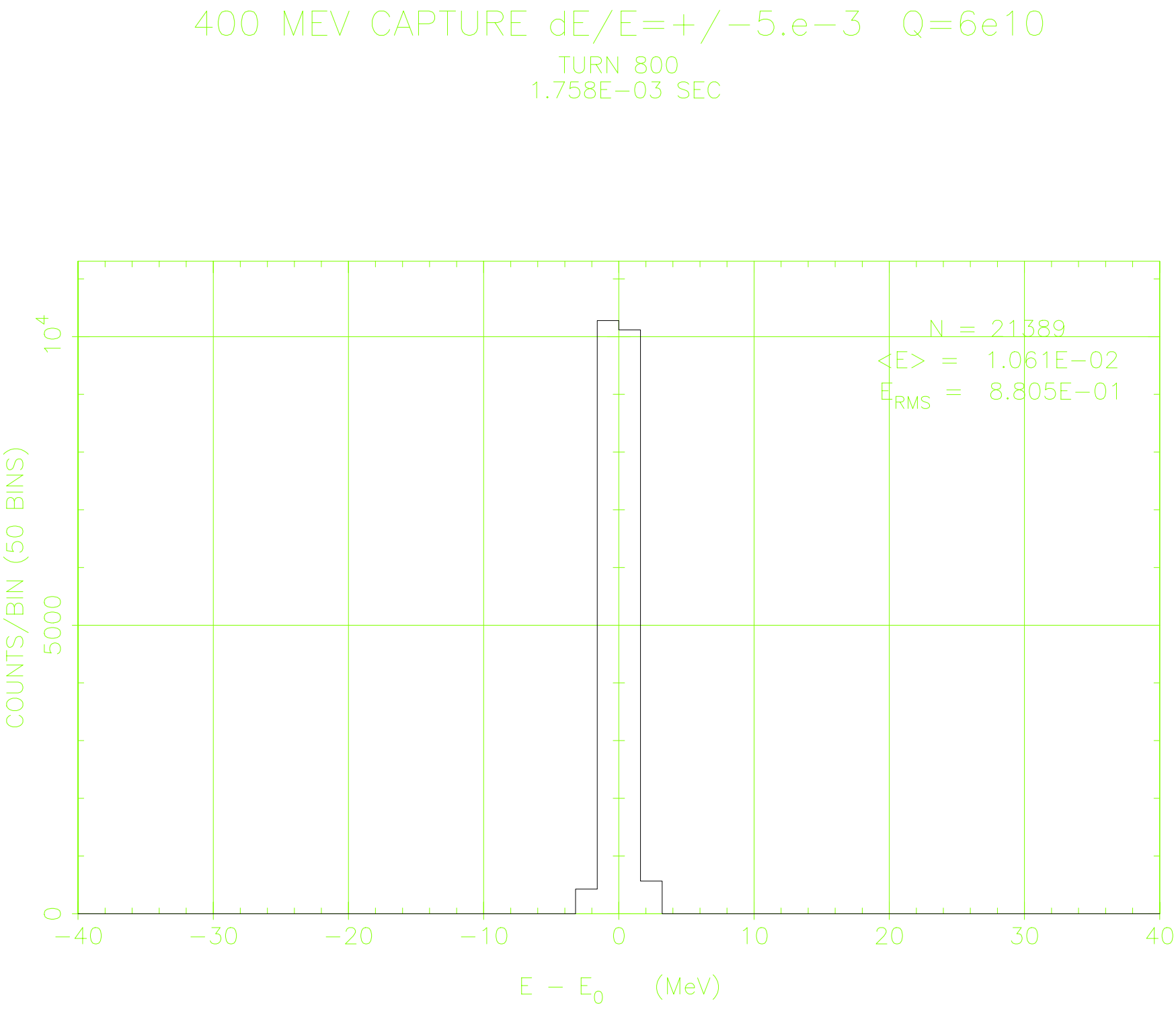
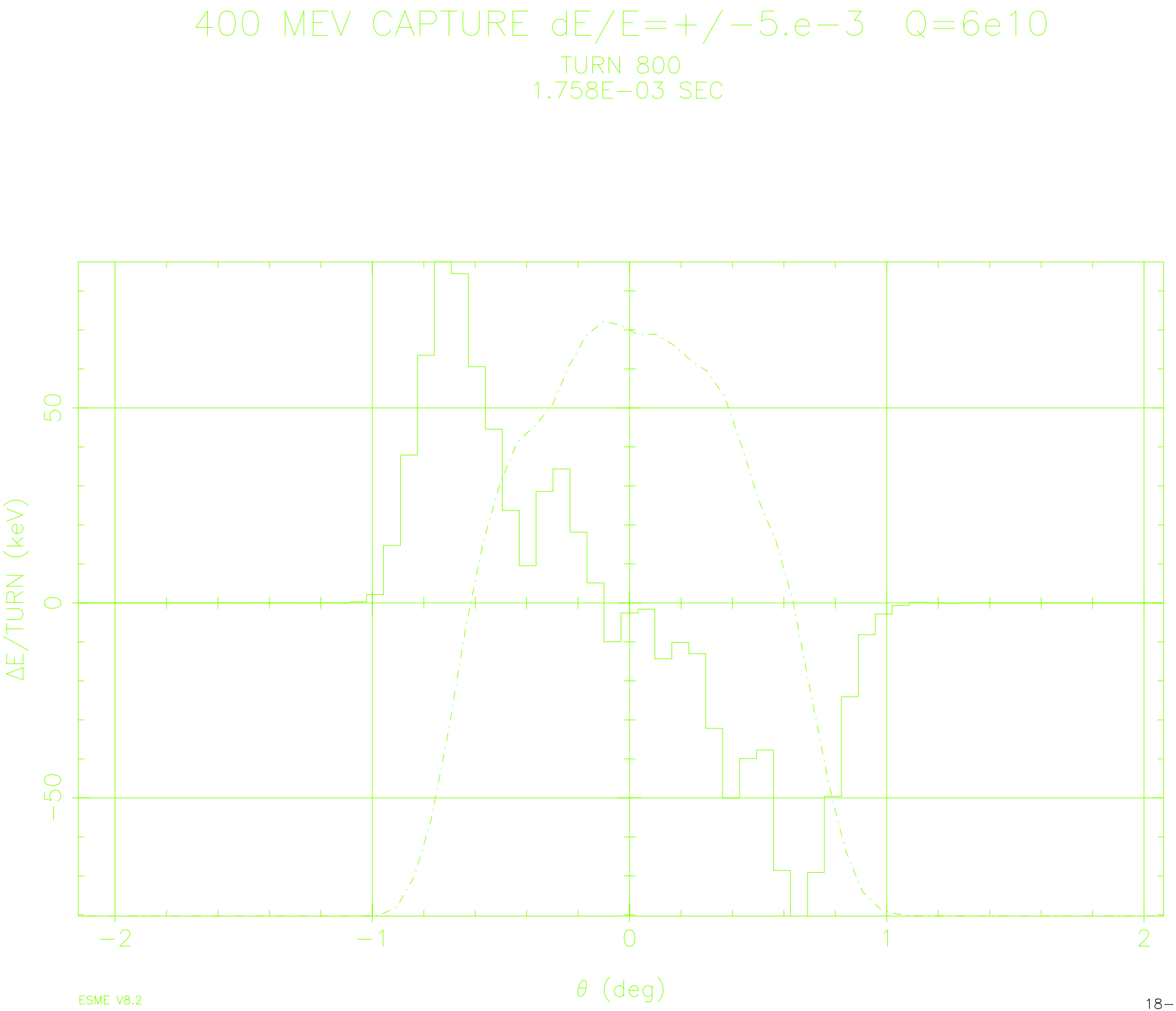

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 800
1.758E-03 SEC
N = 21389
<E> = 1.061E-02
E_RMS = 8.805E-01
COUNTS/BIN (50 BINS)
10^4
5000
0
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 800
1.758E-03 SEC
ΔE/TURN (keV)
50
0
-50
-2
-1
0
1
2
θ (deg)
ESME V8.2
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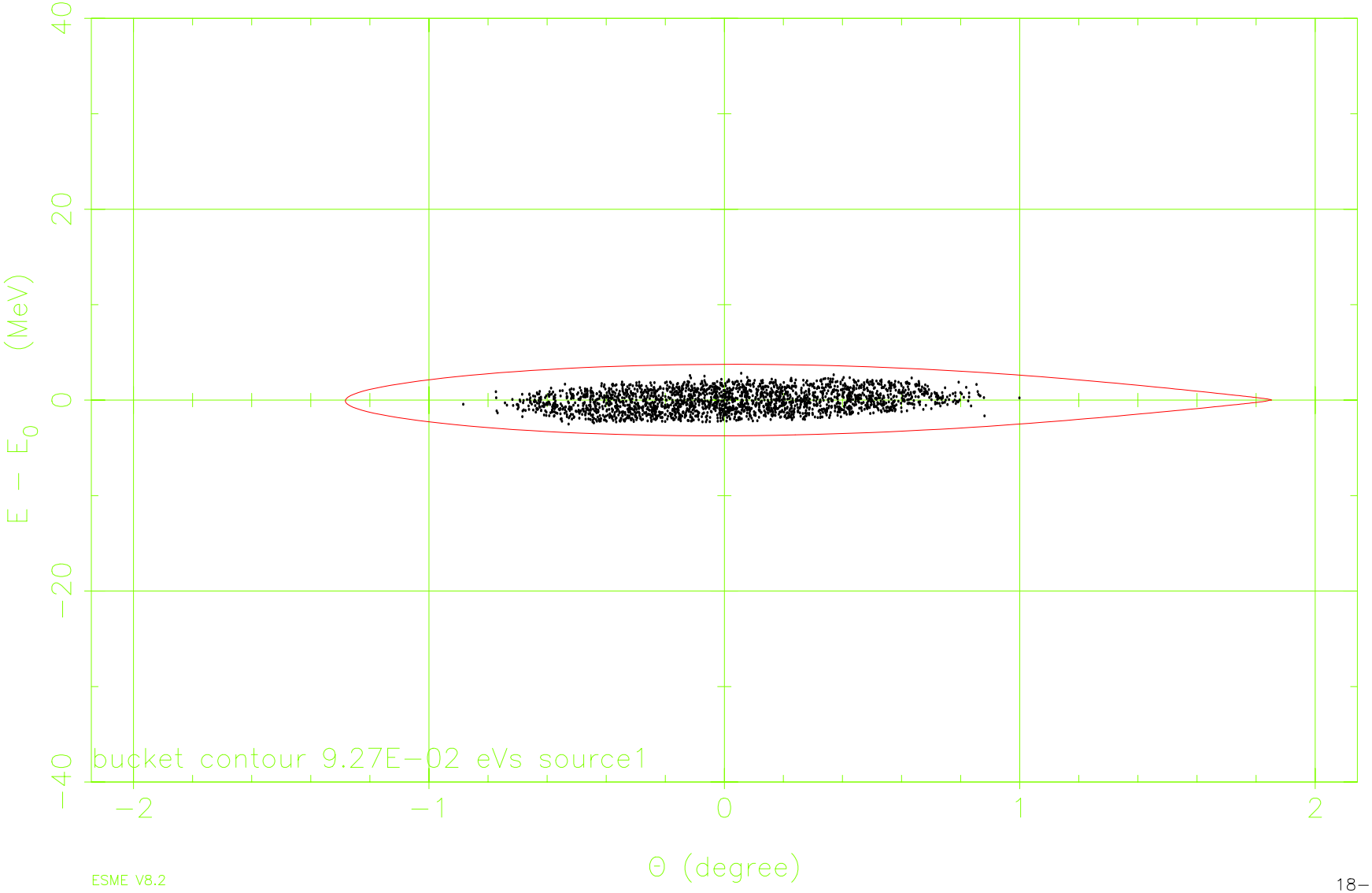
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 1600 3.436E−03 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.7448E+00	9.2656E−02	1.4957E+03	84	1.041E+00	1.062E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
7.3671E−02	1.2136E+05	−3.5982E−01			
τ (s)	S_b (eV s)	N			
2.0311E−06	4.1490E−02	21389			



ESME V8.2

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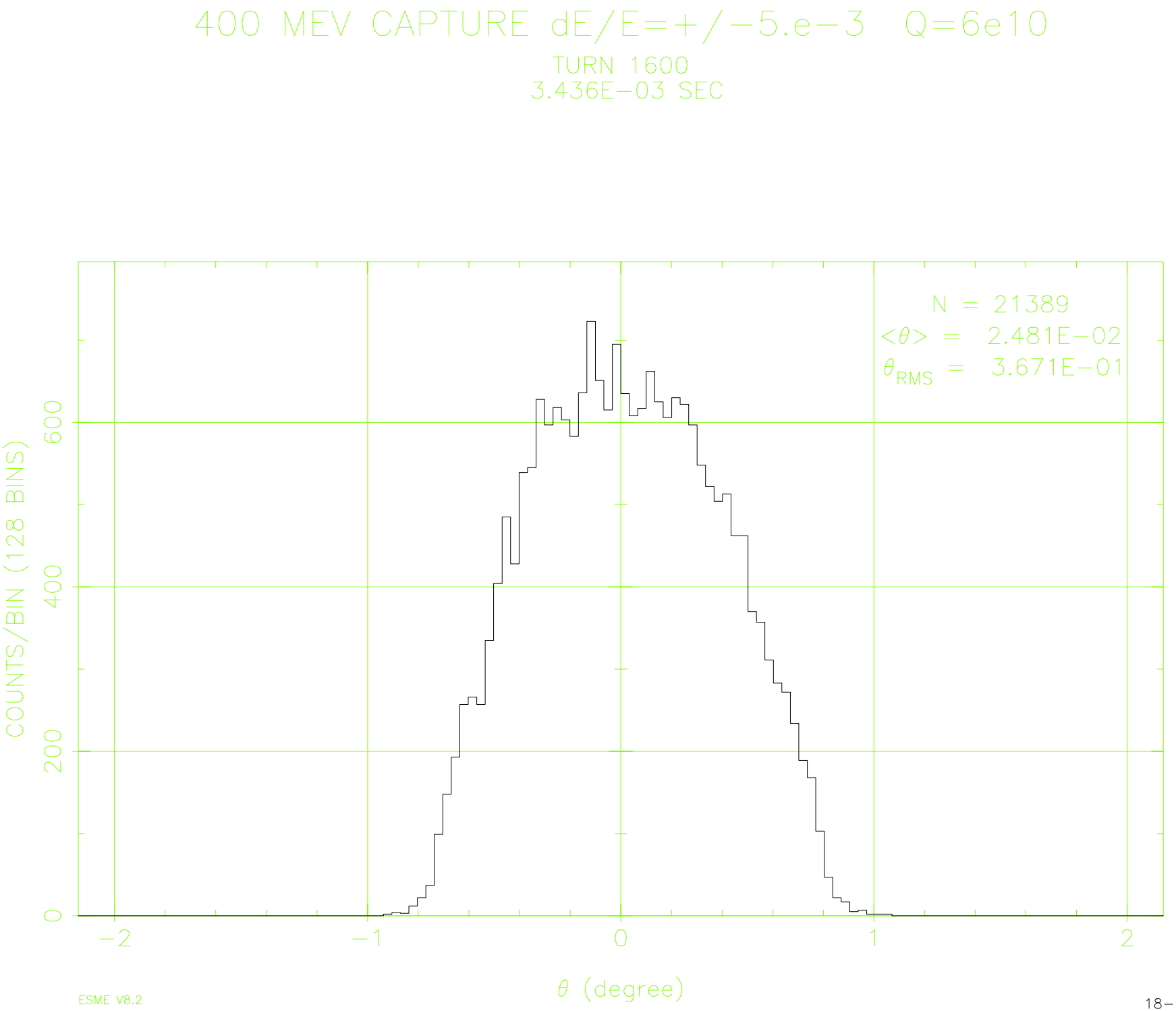
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 1600
3.436E-03 SEC
N = 21389
<θ> = 2.481E-02
θRMS = 3.671E-01
COUNTS/BIN (128 BINS)
0
200
400
600
-2
-1
0
1
2
θ (degree)
ESME V8.2
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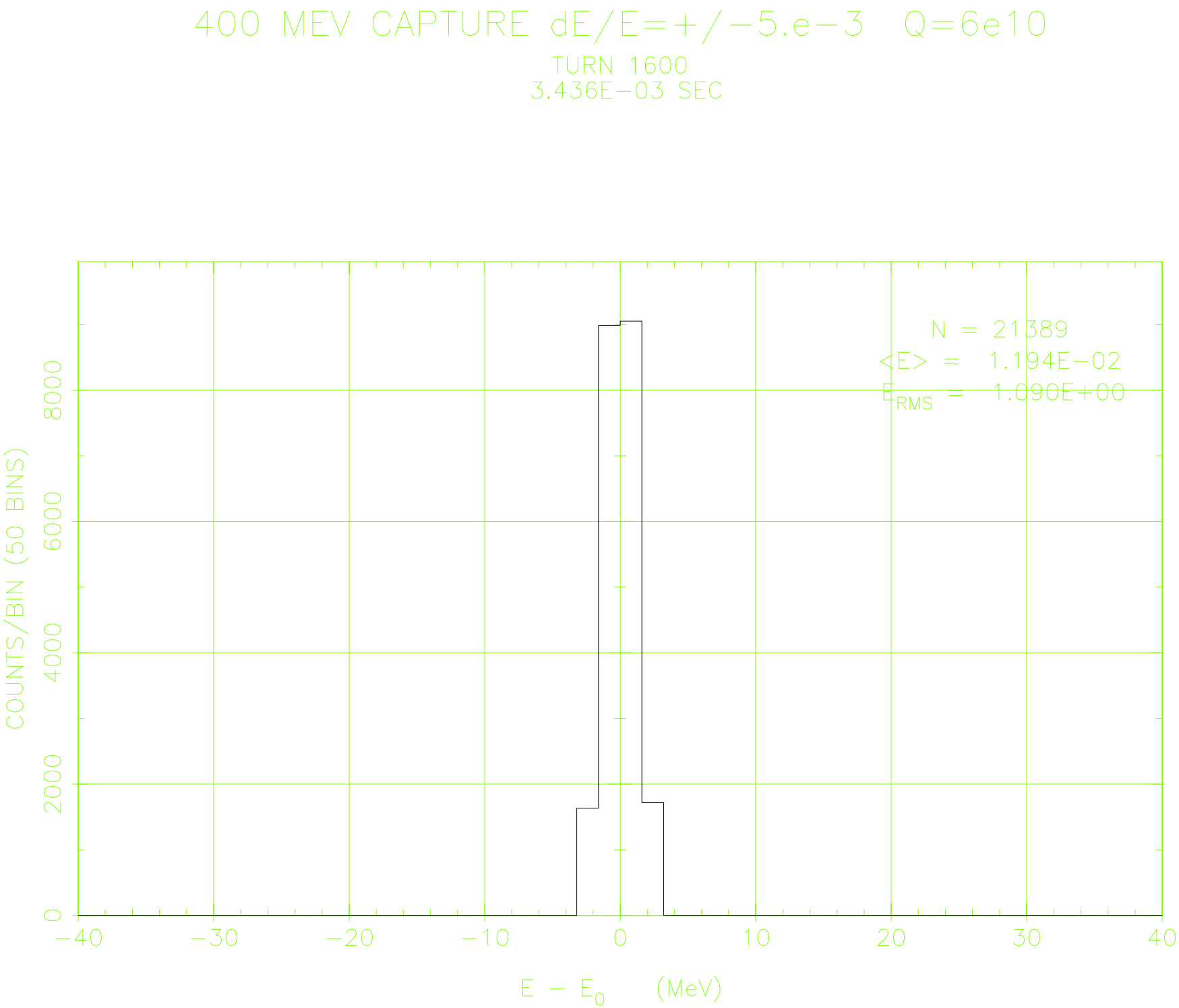
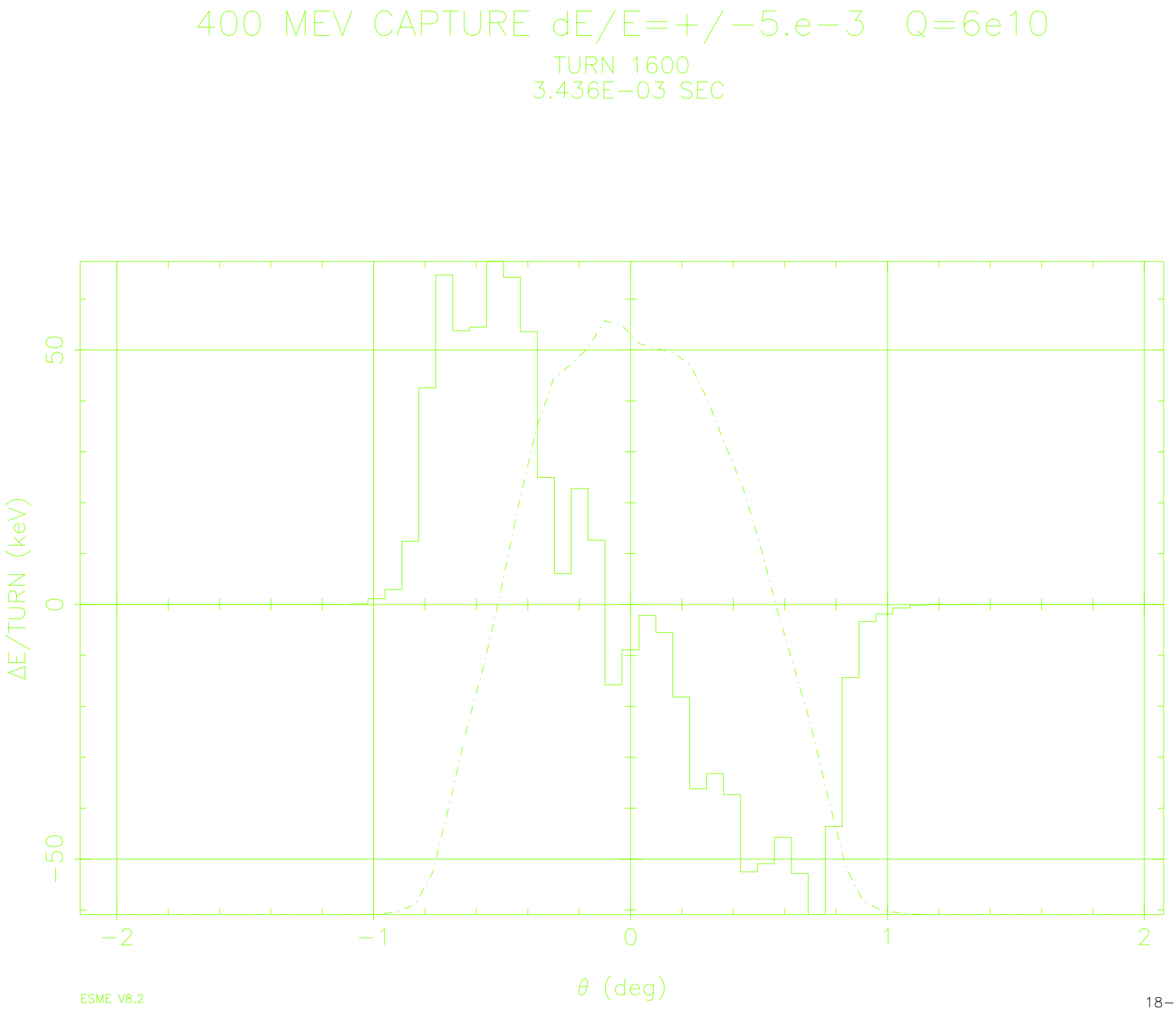

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 1600
3.436E-03 SEC
N = 21389
<E> = 1.194E-02
E_RMS = 1.090E+00
COUNTS/BIN (50 BINS)
0
2000
4000
6000
8000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 1600
3.436E-03 SEC
ΔE/TURN (keV)
50
0
-50
-2
-1
0
1
2
θ (deg)
ESME V8.2
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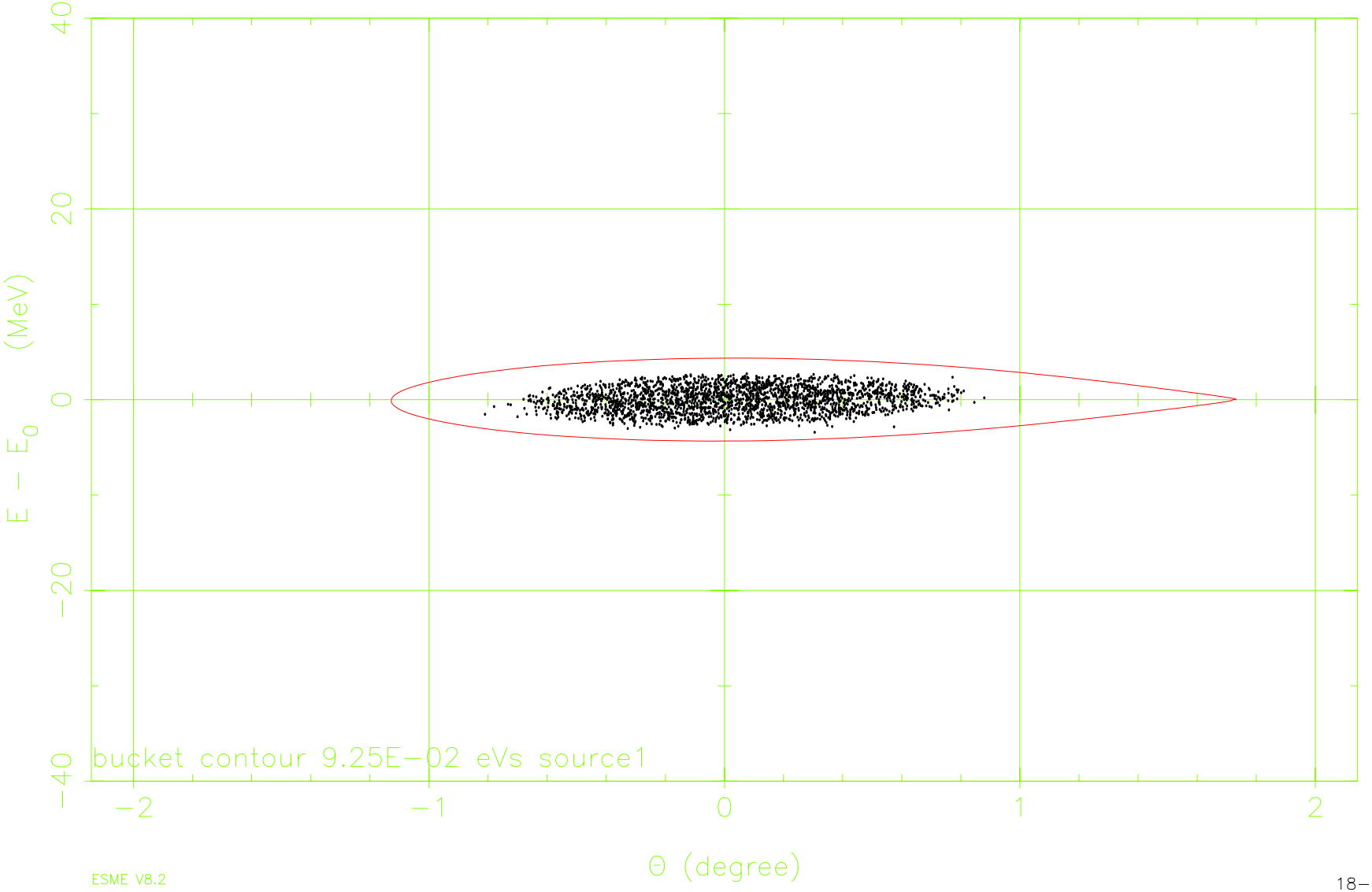
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 2400 5.009E−03 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
4.3482E+00	9.2459E−02	1.6829E+03	84	1.010E+00	1.576E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
5.5720E−02	1.7336E+05	−2.7713E−01			
τ (s)	S_b (eV s)	N			
1.9054E−06	4.2240E−02	21389			



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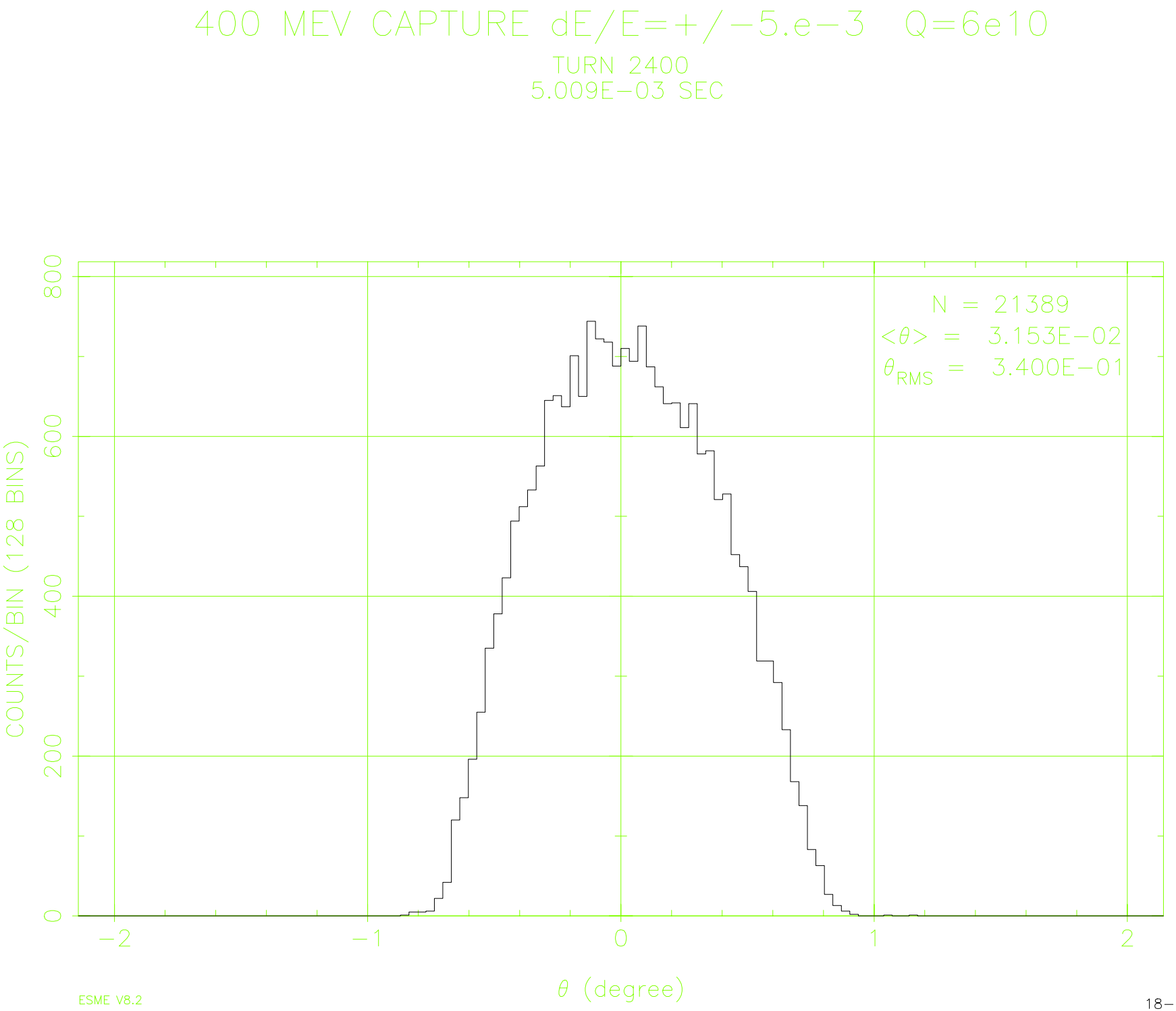
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 2400
5.009E-03 SEC
N = 21389
<θ> = 3.153E-02
θRMS = 3.400E-01
COUNTS/BIN (128 BINS)
0
200
400
600
800
-2
-1
0
1
2
θ (degree)
ESME V8.2
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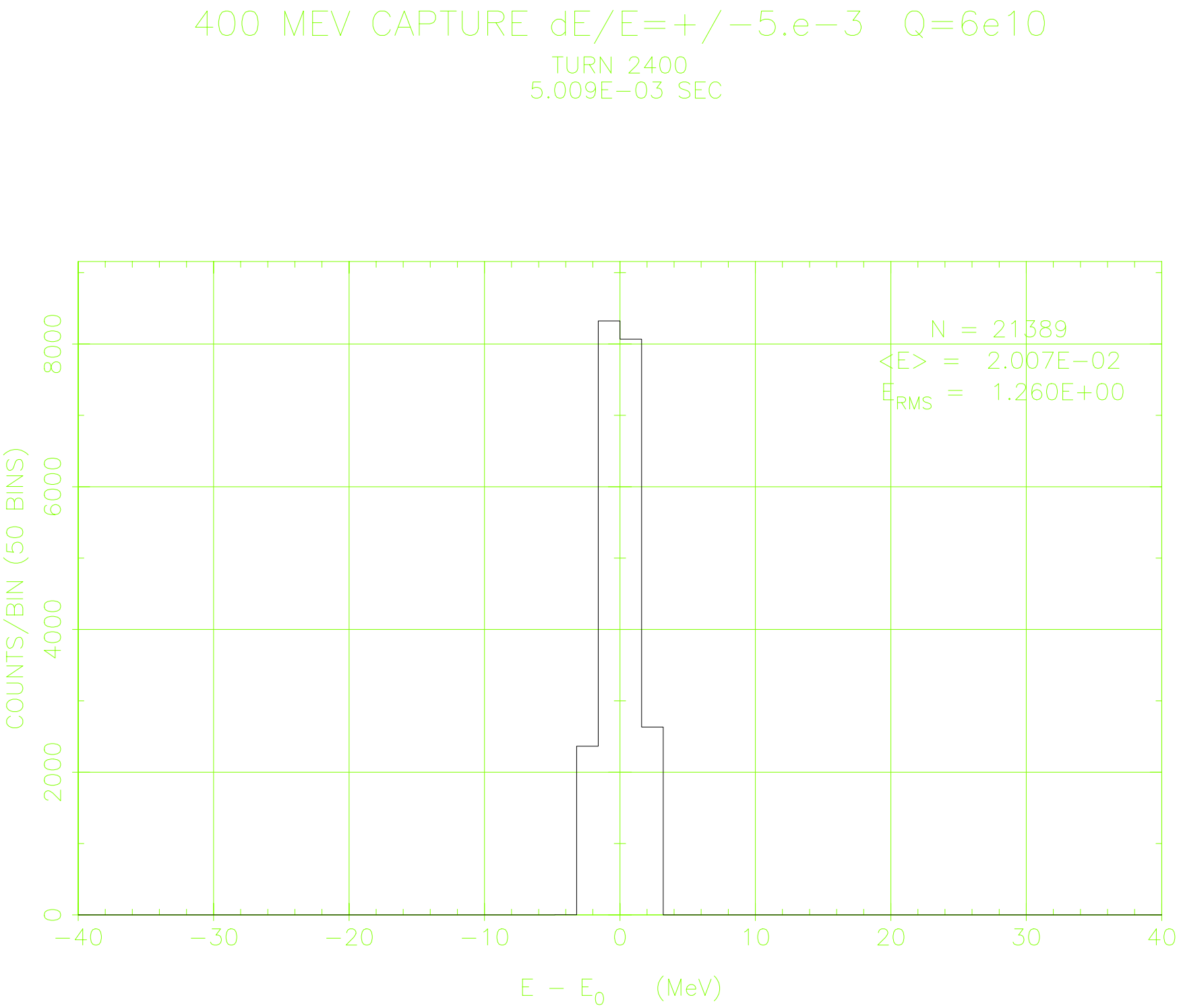
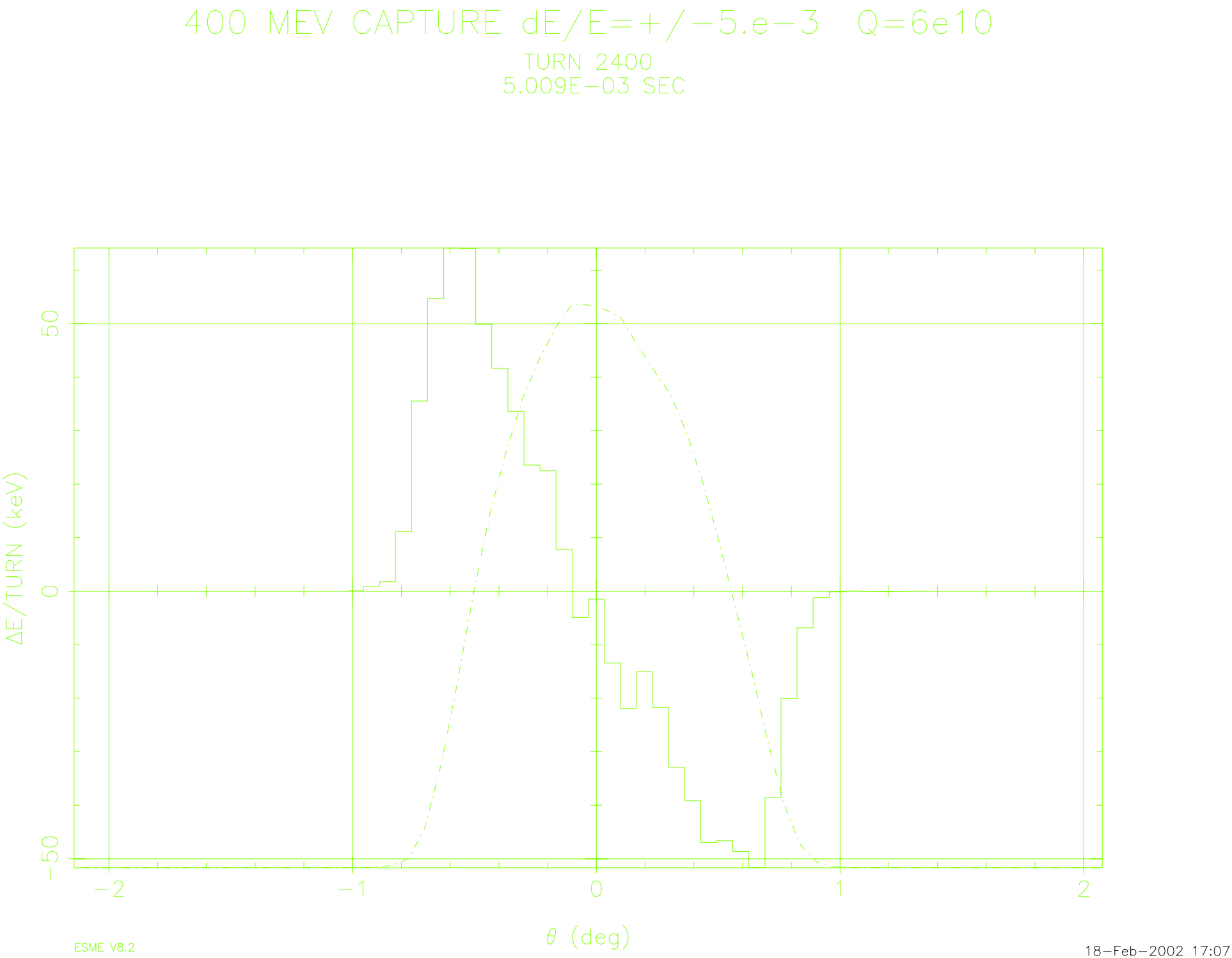

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 2400
5.009E-03 SEC
N = 21389
<E> = 2.007E-02
E_RMS = 1.260E+00
COUNTS/BIN (50 BINS)
0
2000
4000
6000
8000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 2400
5.009E-03 SEC
ΔE/TURN (keV)
50
0
-50
-2
-1
0
1
2
θ (deg)
ESME V8.2
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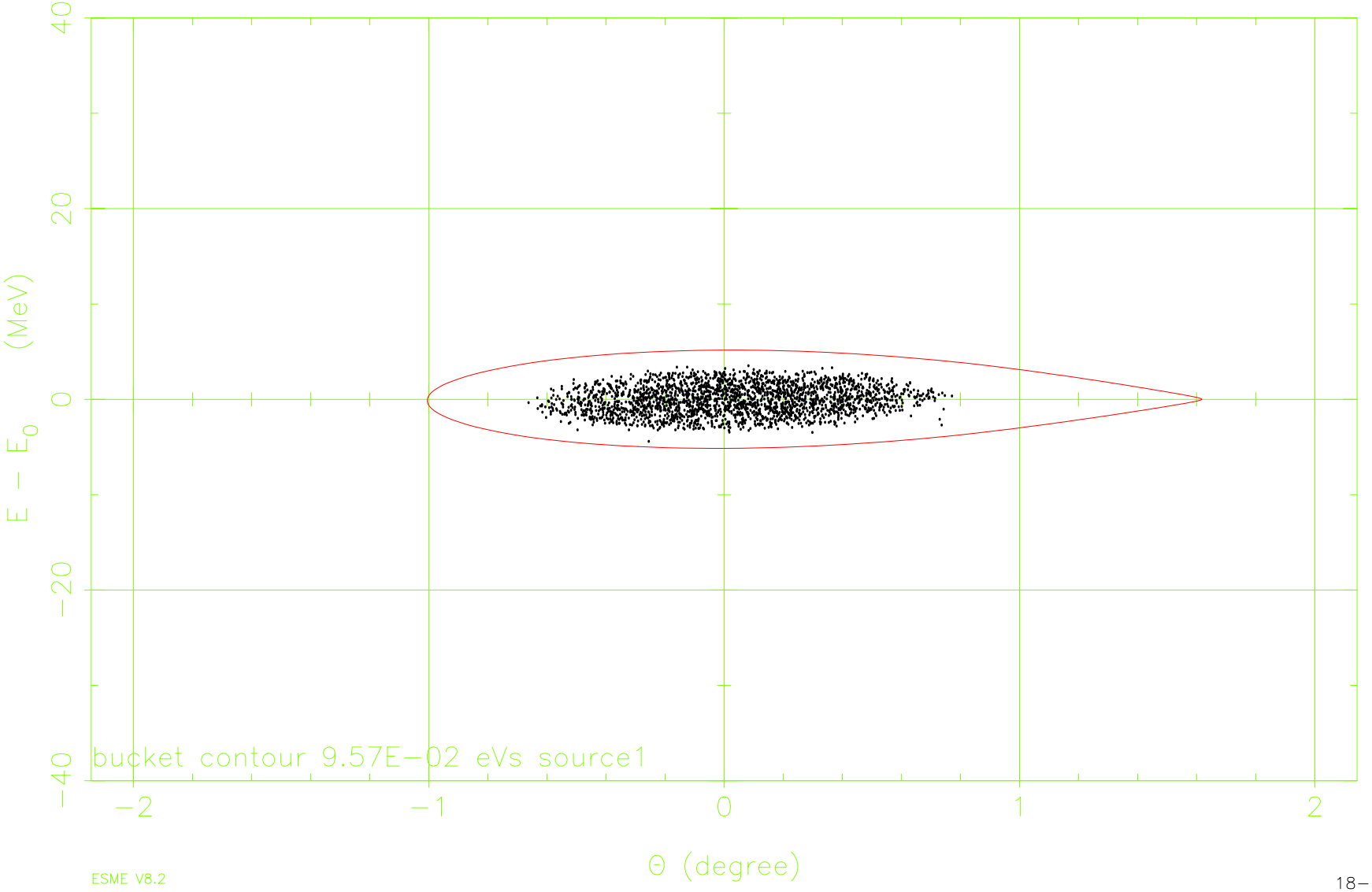
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 3200 6.493E−03 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
5.1549E+00	9.5731E−02	1.9318E+03	84	9.801E−01	2.068E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.0979E−02	2.1888E+05	−2.0220E−01			
τ (s)	S_b (eV s)	N			
1.8095E−06	4.2505E−02	21389			



ESME V8.2

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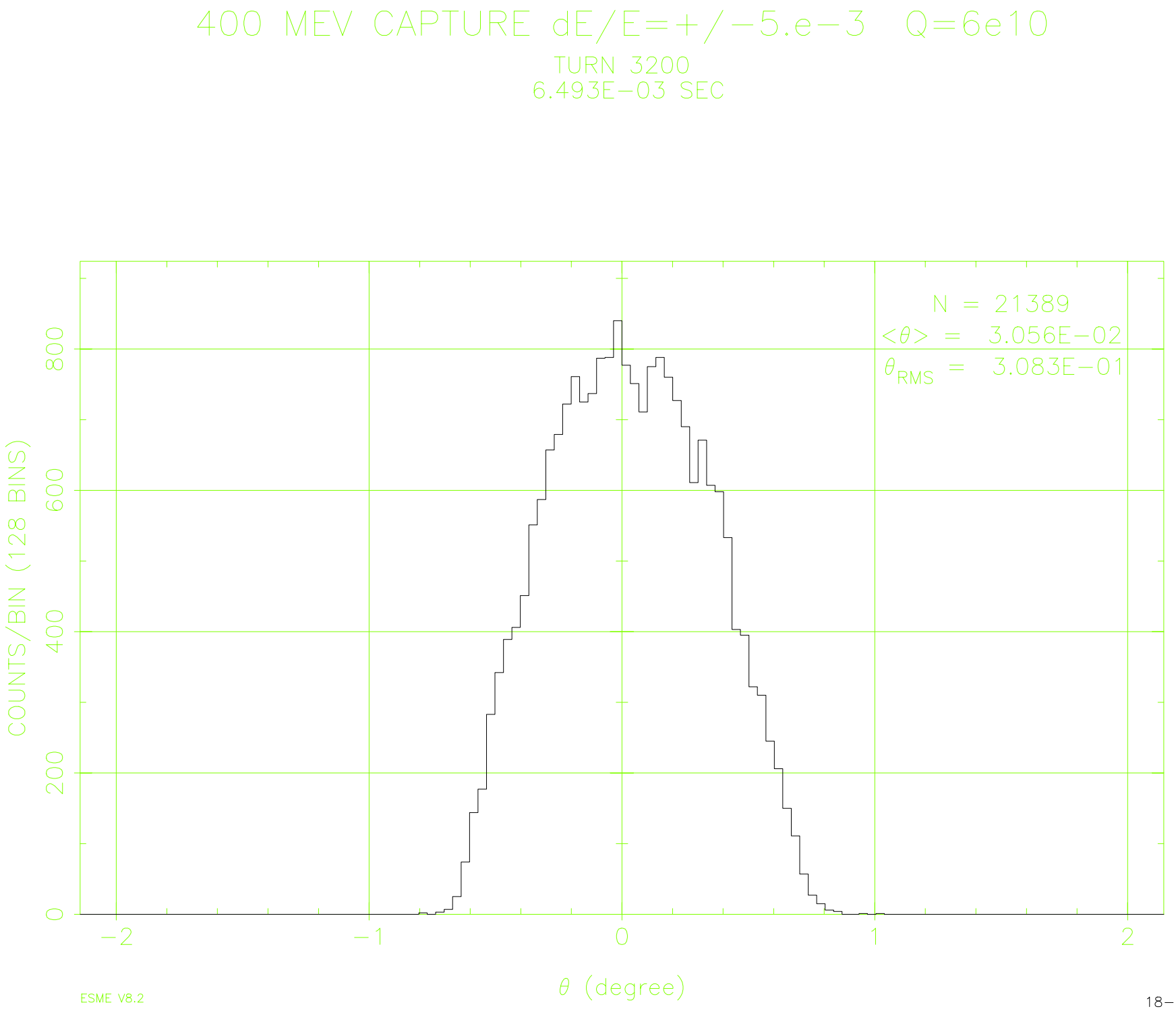

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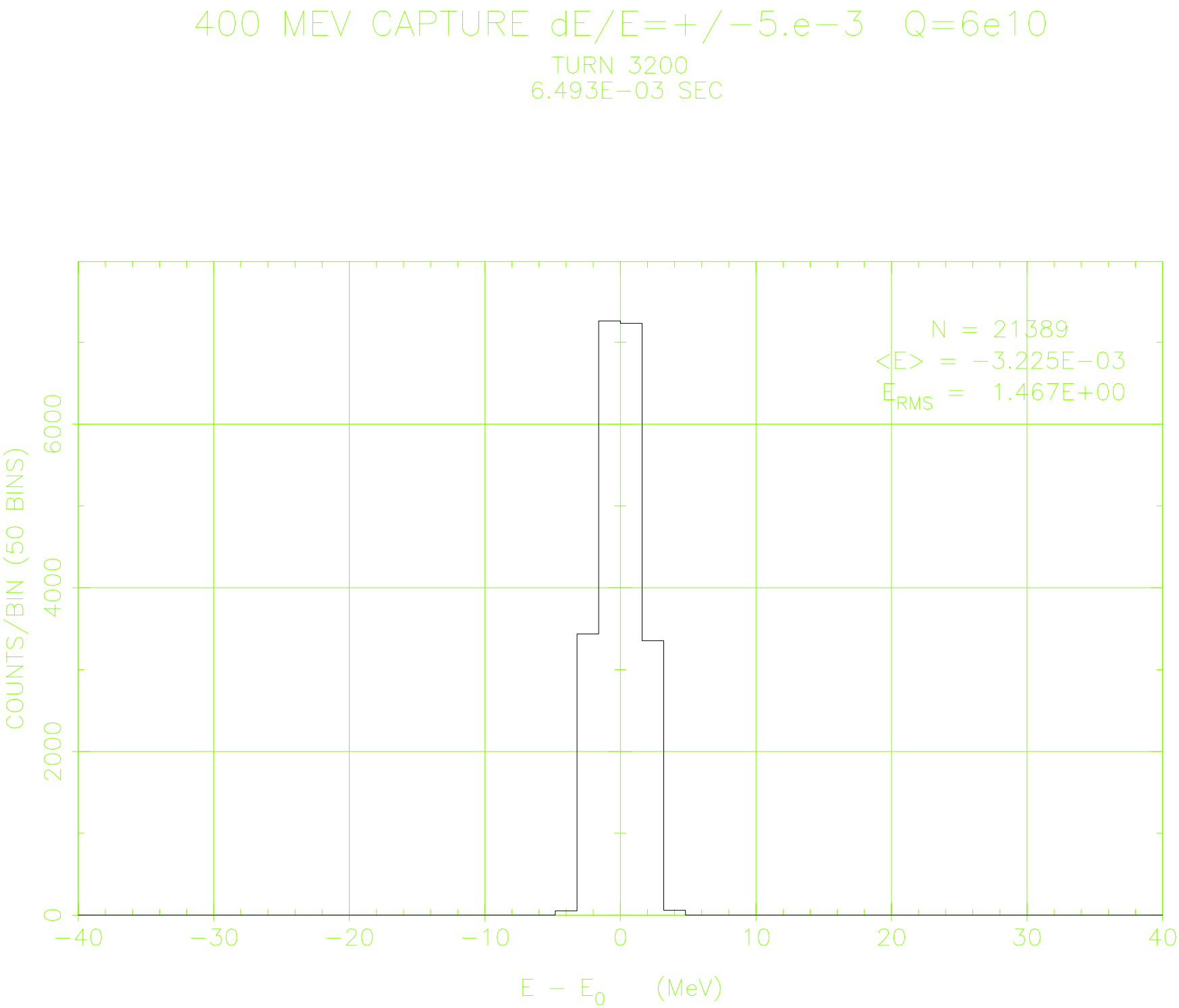
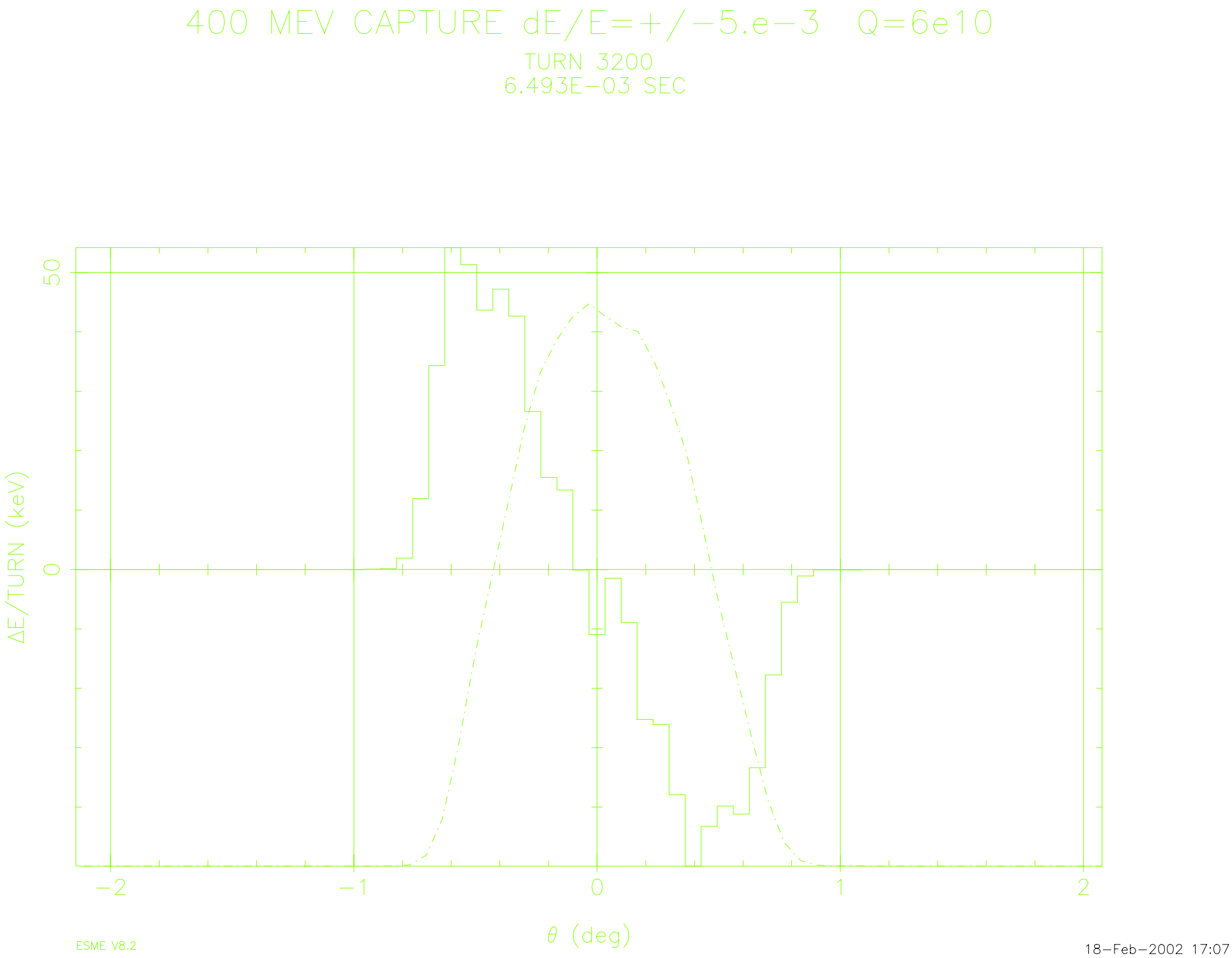

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 3200
6.493E-03 SEC
N = 21389
<E> = -3.225E-03
E_RMS = 1.467E+00
COUNTS/BIN (50 BINS)
0
2000
4000
6000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 3200
6.493E-03 SEC
50
0
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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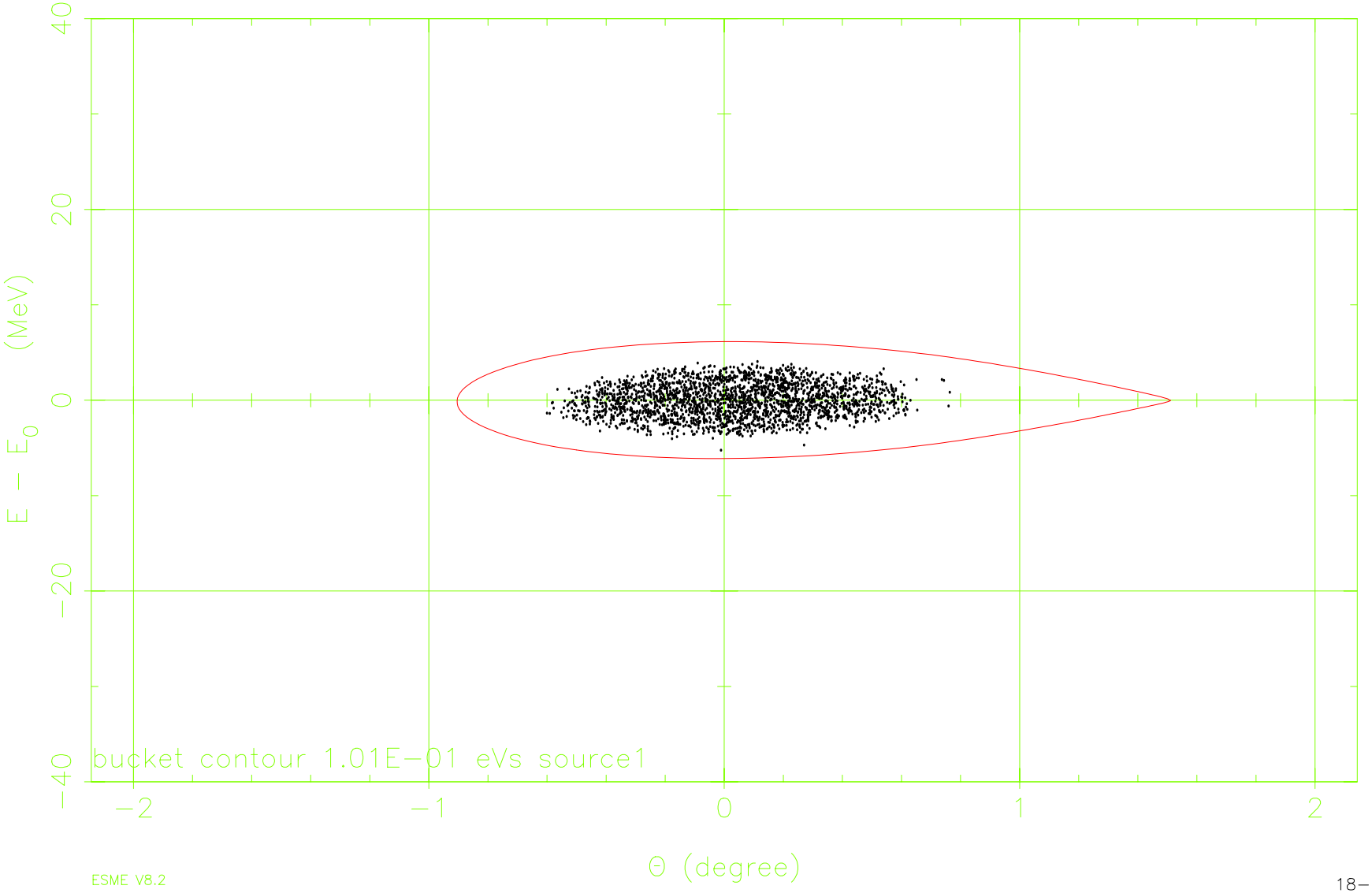
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 4000 7.912E−03 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
6.1298E+00	1.0099E−01	2.2343E+03	84	9.518E−01	2.543E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.9843E−02	2.5835E+05	−1.4263E−01			
τ (s)	S_b (eV s)	N			
1.7429E−06	4.2551E−02	21389			



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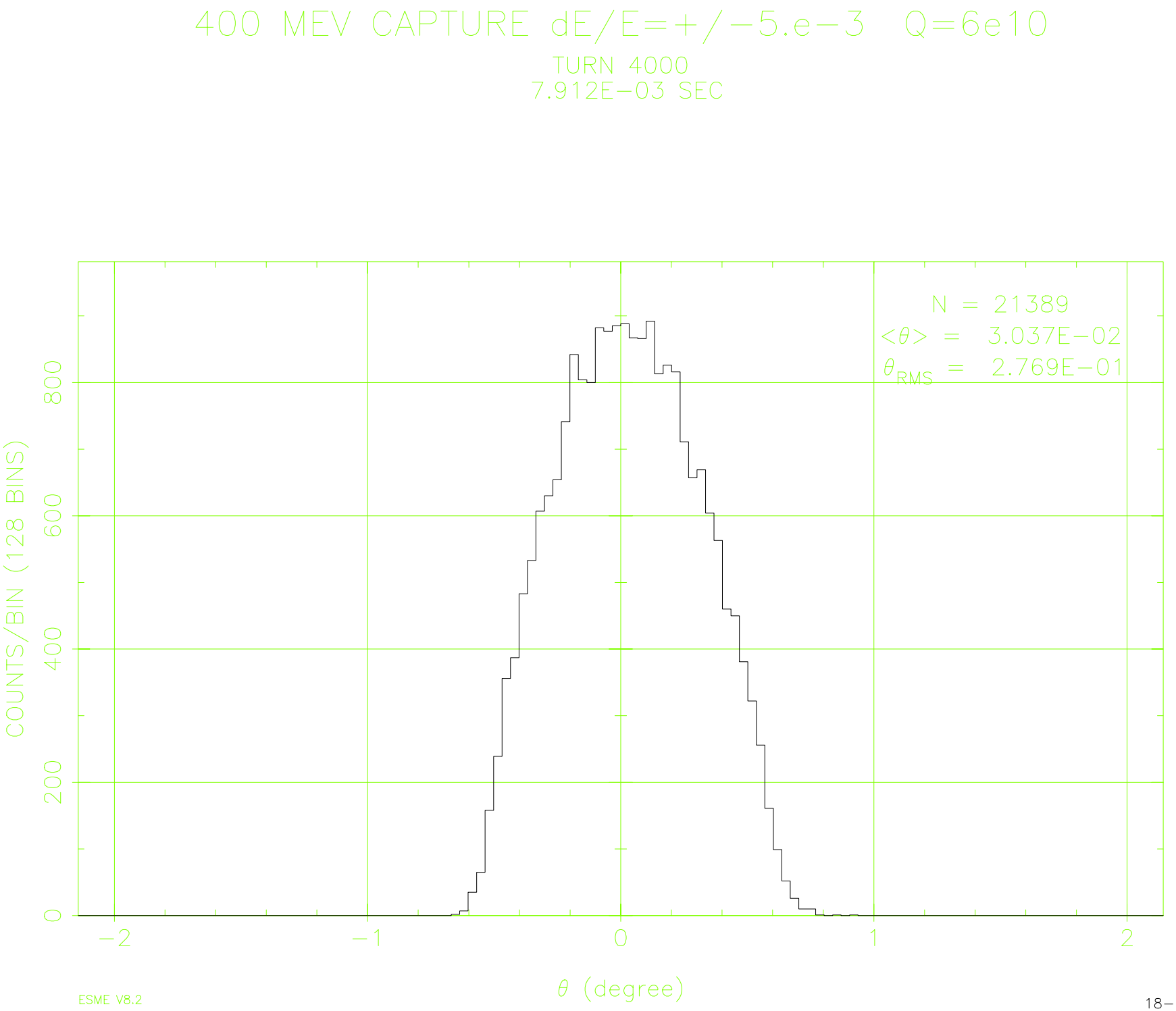

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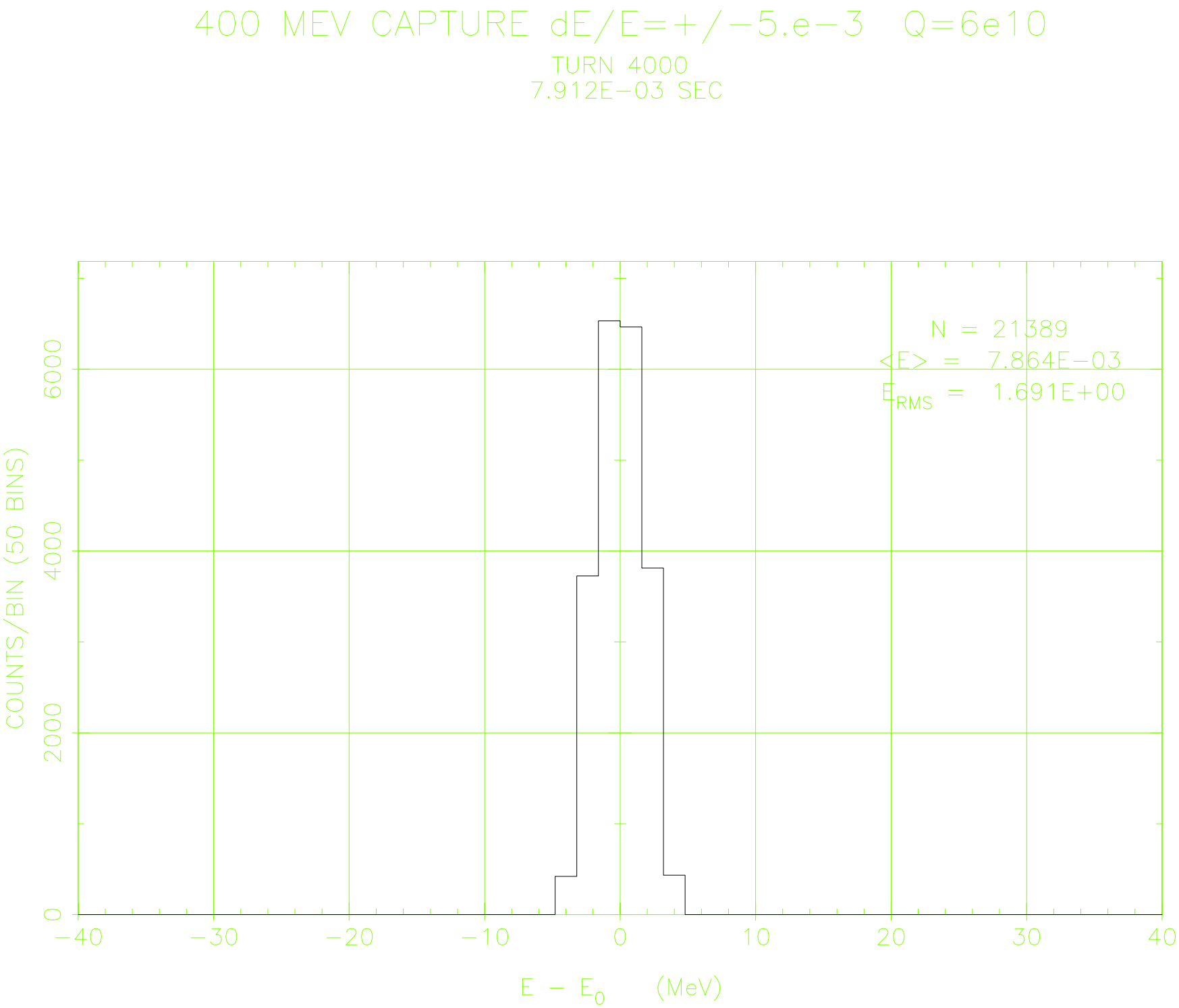
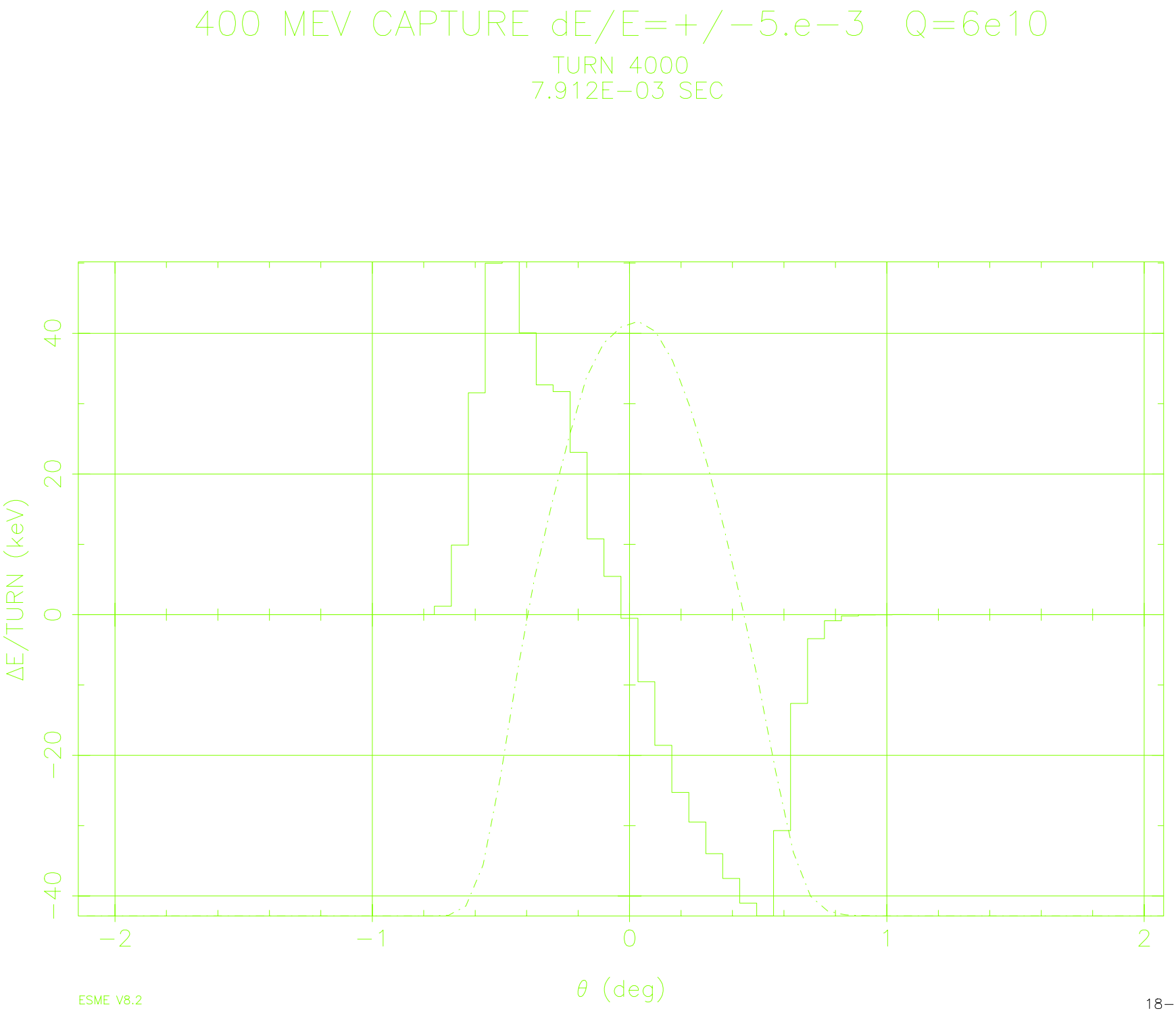

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 4000
7.912E-03 SEC
N = 21389
<E> = 7.864E-03
E_RMS = 1.691E+00
COUNTS/BIN (50 BINS)
0
2000
4000
6000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 4000
7.912E-03 SEC
ΔE/TURN (keV)
40
20
0
-20
-40
-2
-1
0
1
2
θ (deg)
ESME V8.2
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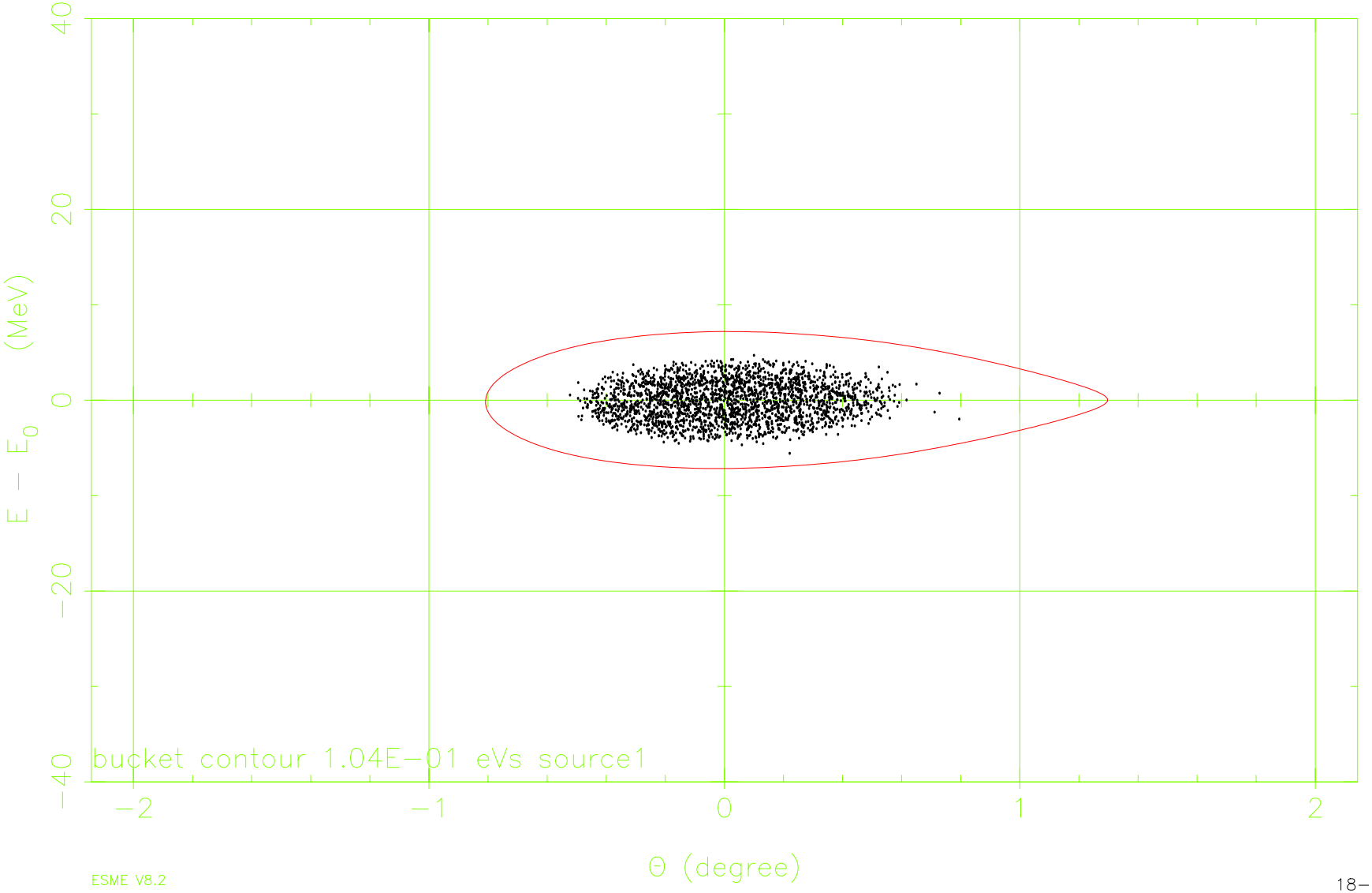
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 4800 9.287E−03 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
7.1792E+00	1.0379E−01	2.5832E+03	84	9.243E−01	2.999E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.1649E−02	2.9210E+05	−9.8210E−02			
τ (s)	S_b (eV s)	N			
1.6977E−06	4.2656E−02	21389			



ESME V8.2

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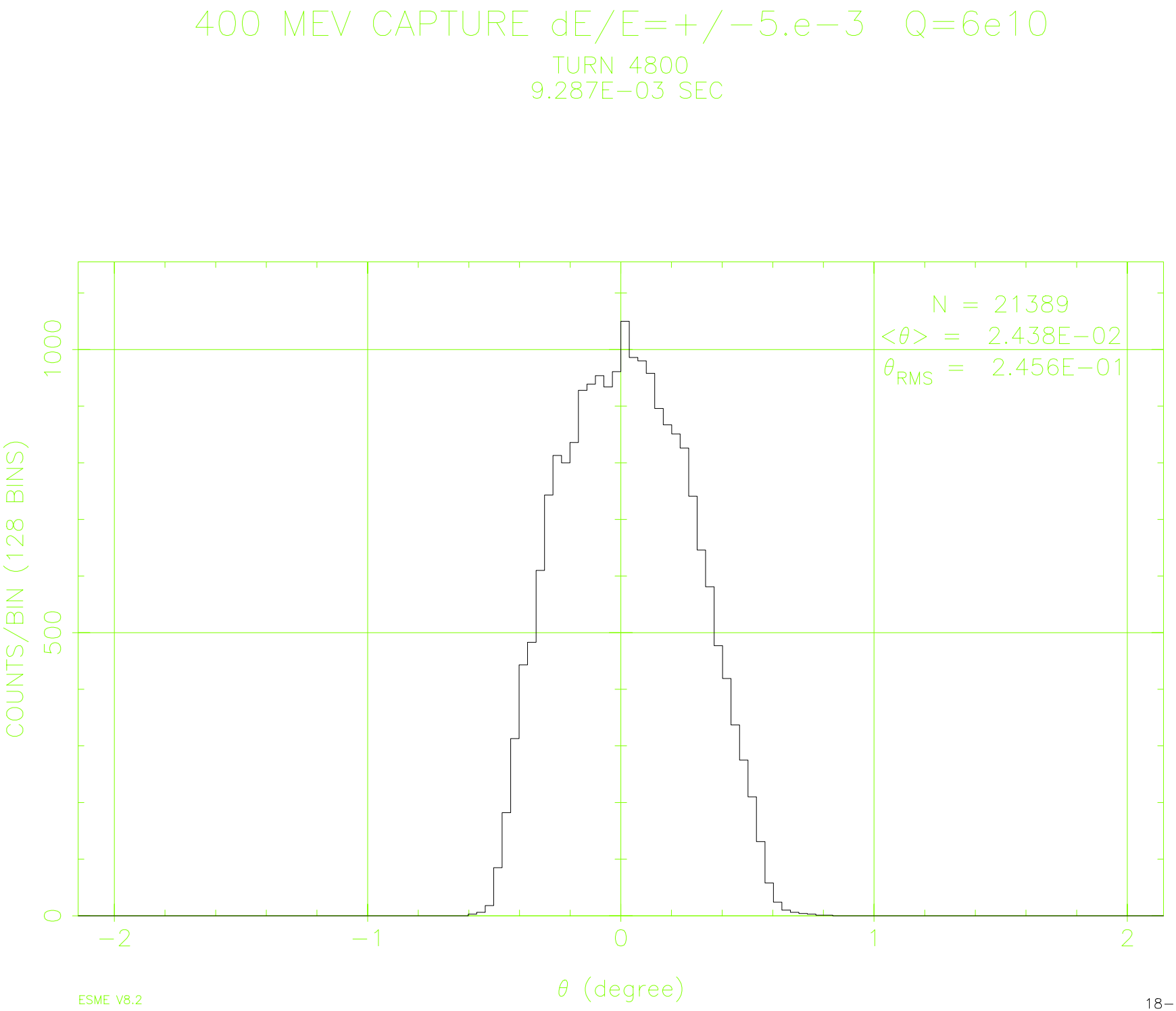

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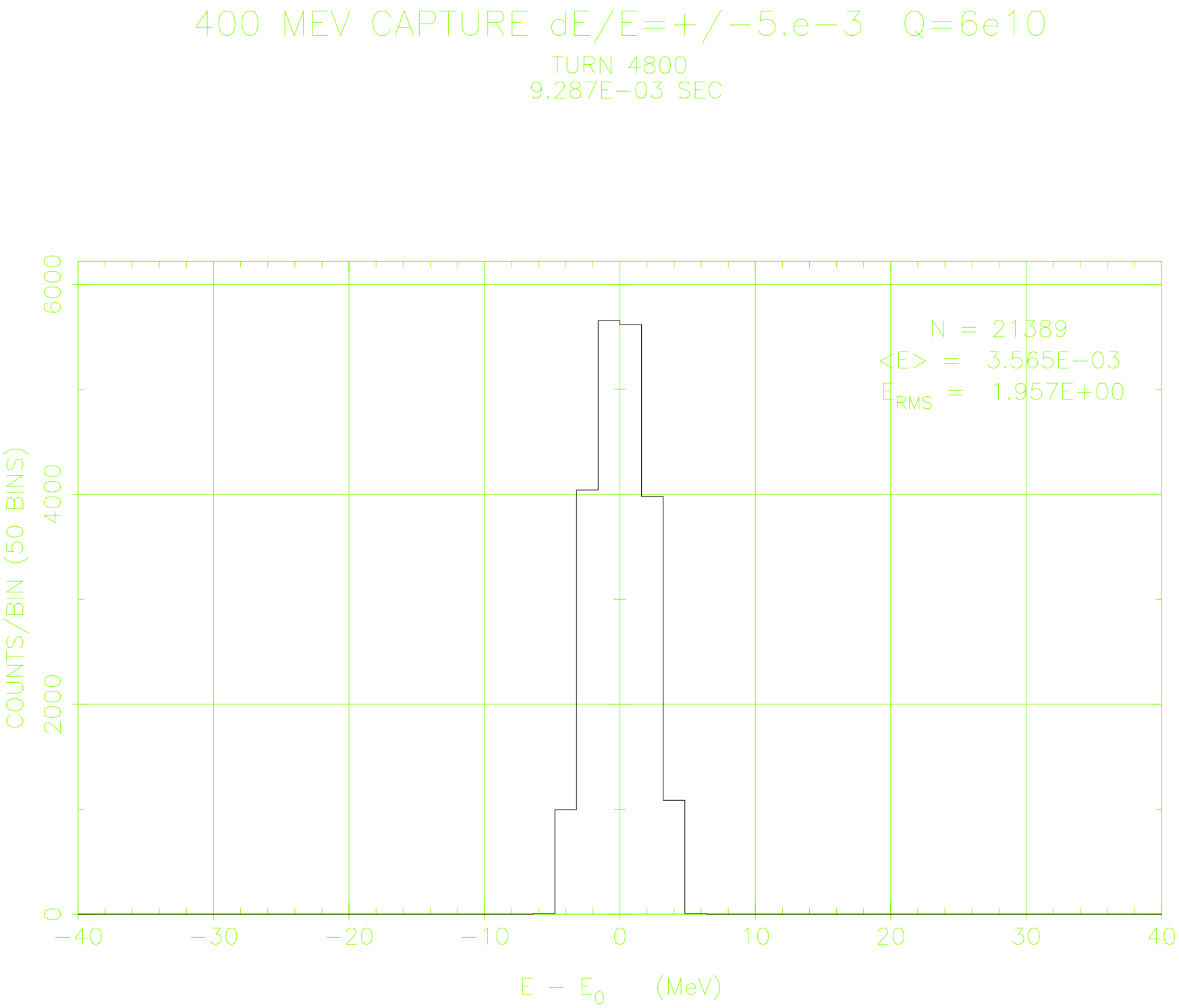
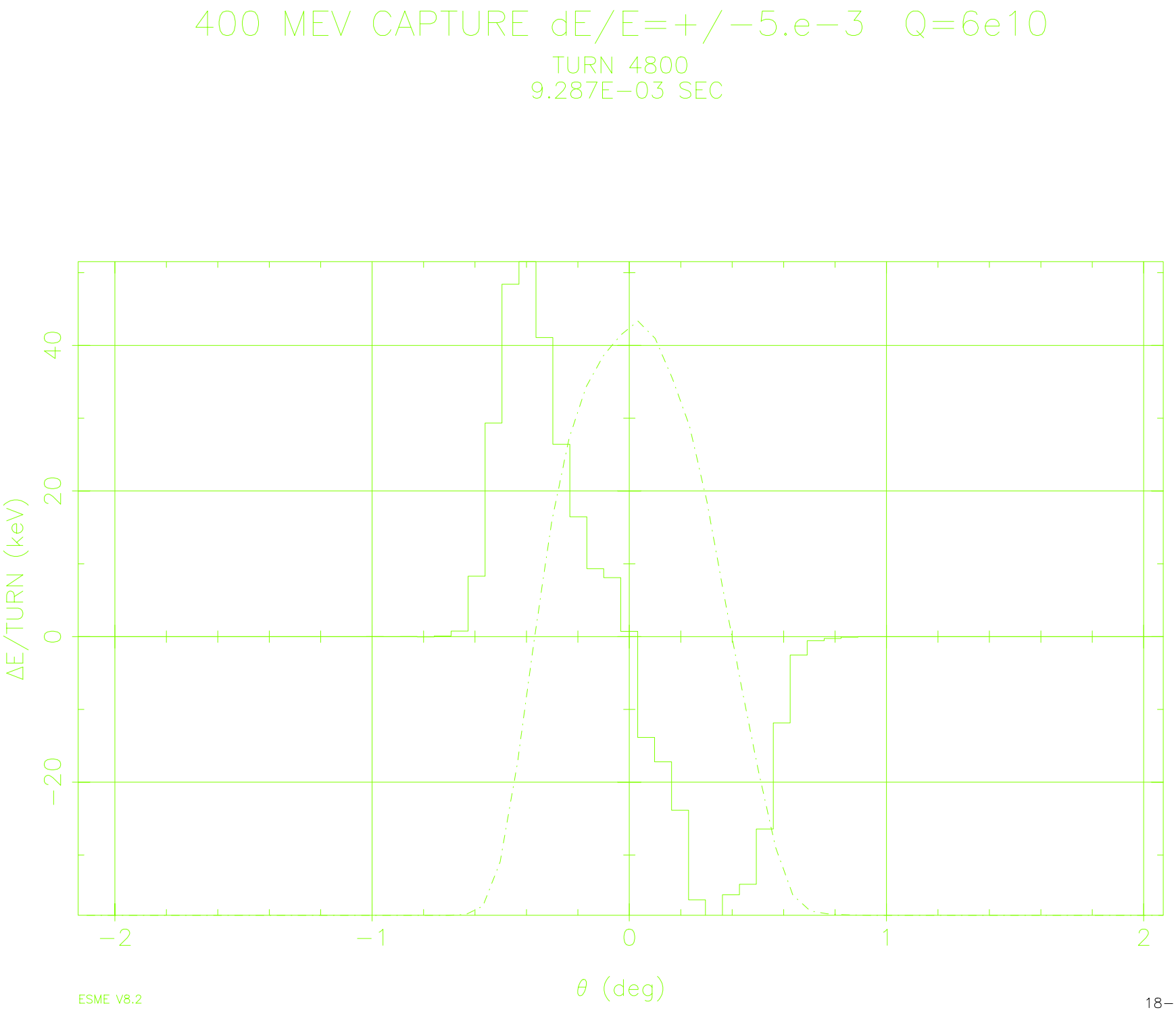

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 4800
9.287E-03 SEC
N = 21389
<E> = 3.565E-03
E_RMS = 1.957E+00
COUNTS/BIN (50 BINS)
0
2000
4000
6000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 4800
9.287E-03 SEC
ΔE/TURN (keV)
40
20
0
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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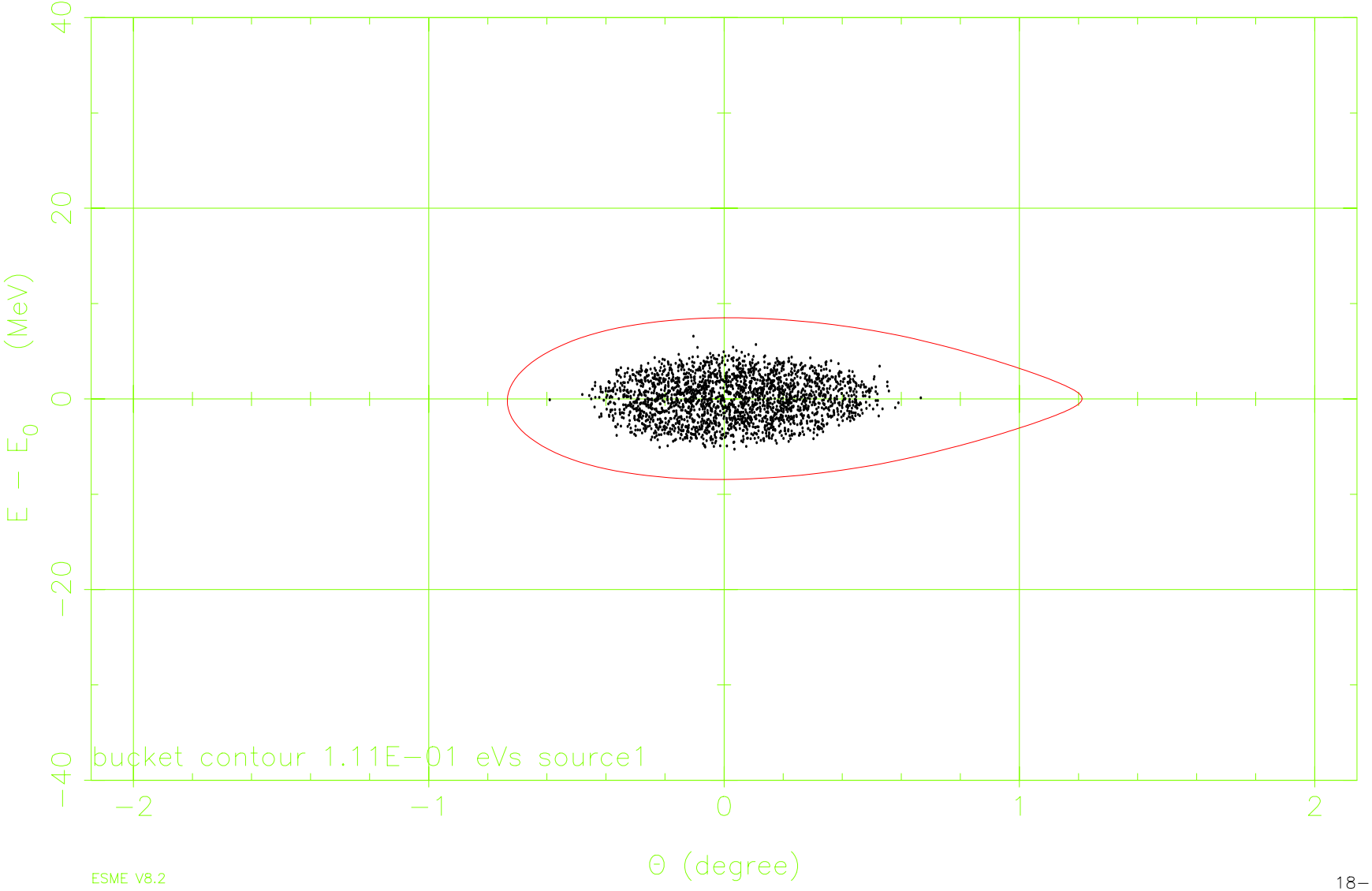
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 5600 1.063E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
8.4796E+00	1.1116E−01	2.9713E+03	84	8.973E−01	3.437E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
1.5631E−02	3.2028E+05	−6.6001E−02			
τ (s)	S_b (eV s)	N			
1.6670E−06	4.2679E−02	21389			



ESME V8.2

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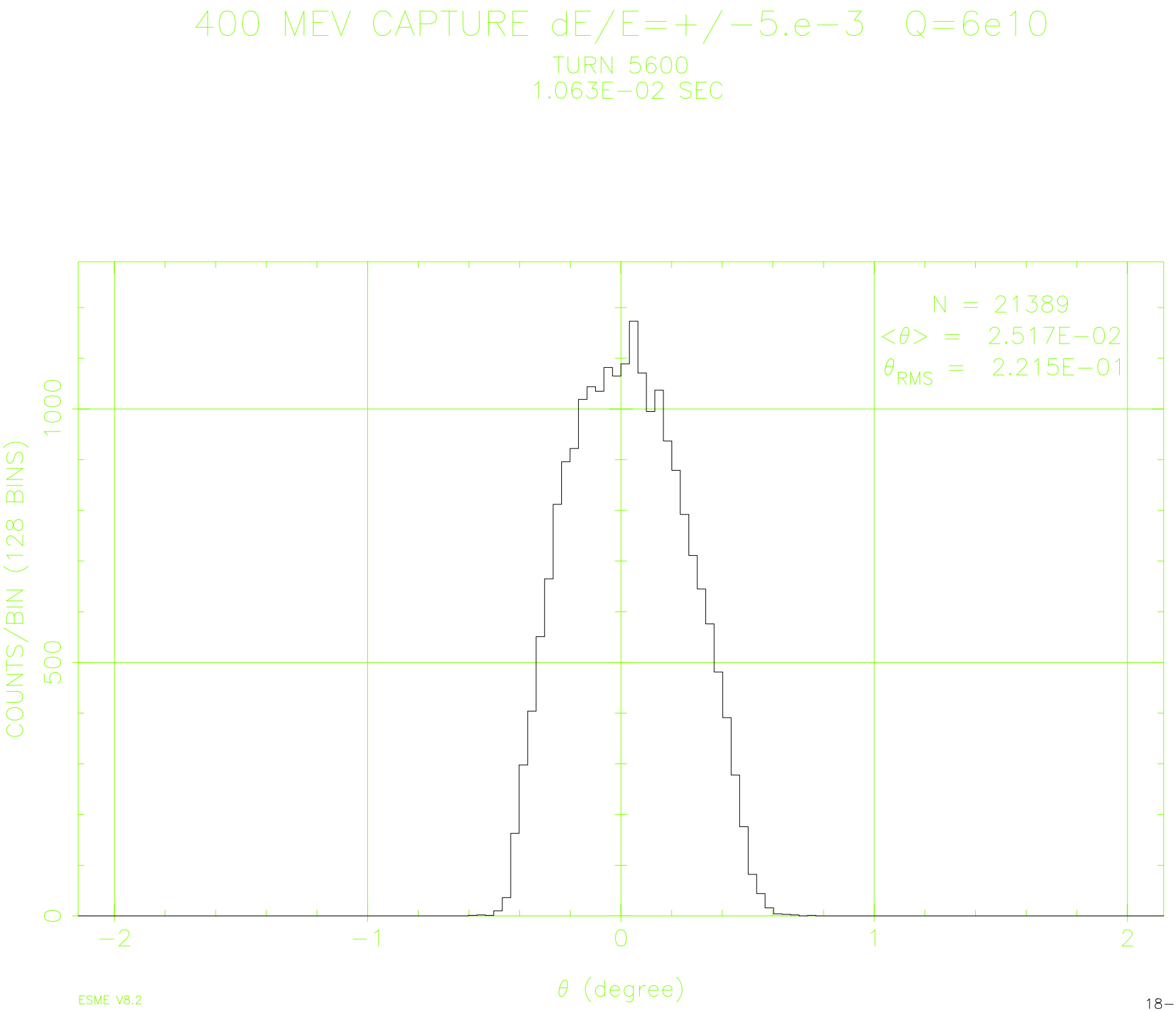
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 5600
1.063E-02 SEC
N = 21389
<θ> = 2.517E-02
θRMS = 2.215E-01
COUNTS/BIN (128 BINS)
0
500
1000
-2
-1
0
1
2
θ (degree)
ESME V8.2
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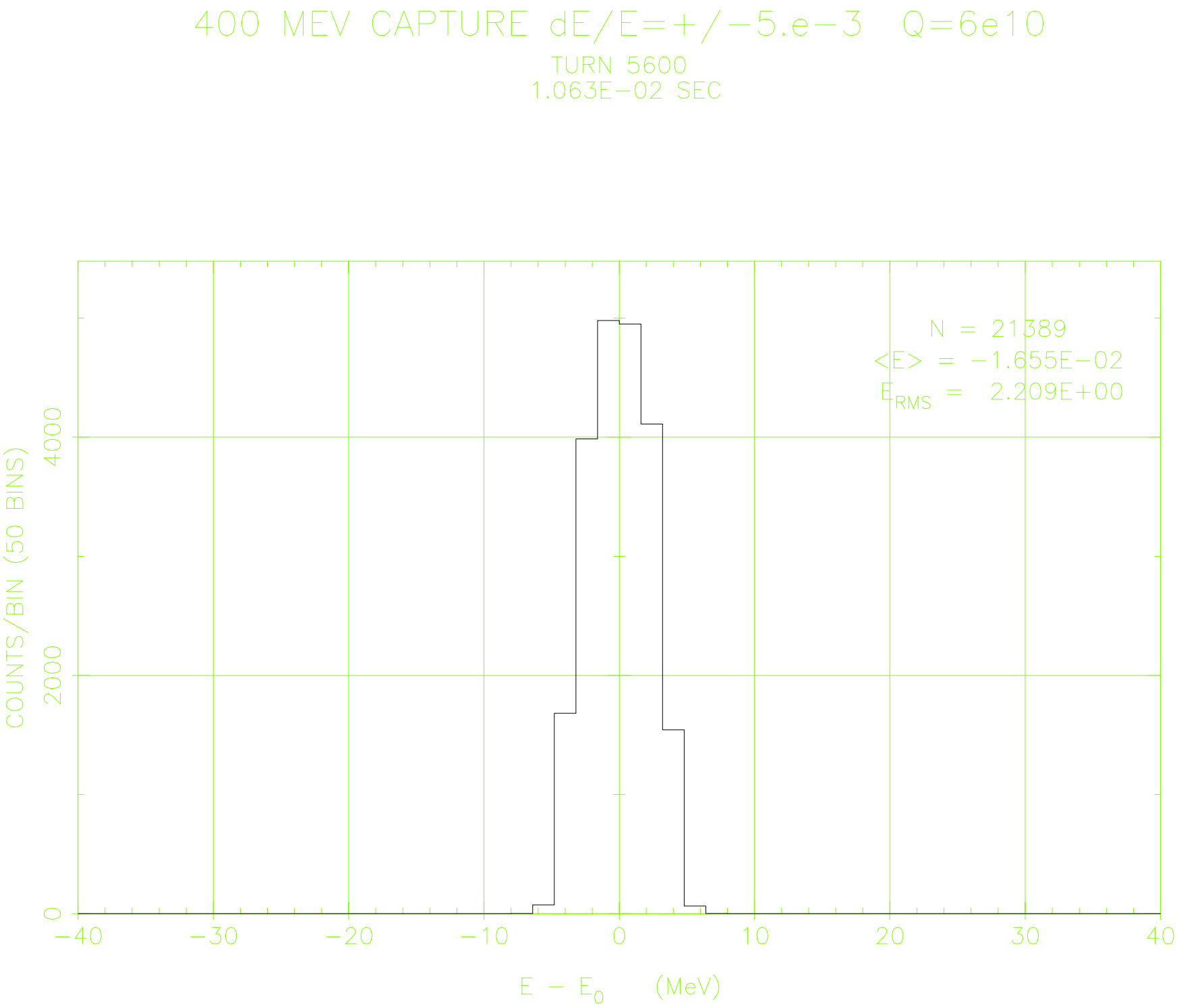
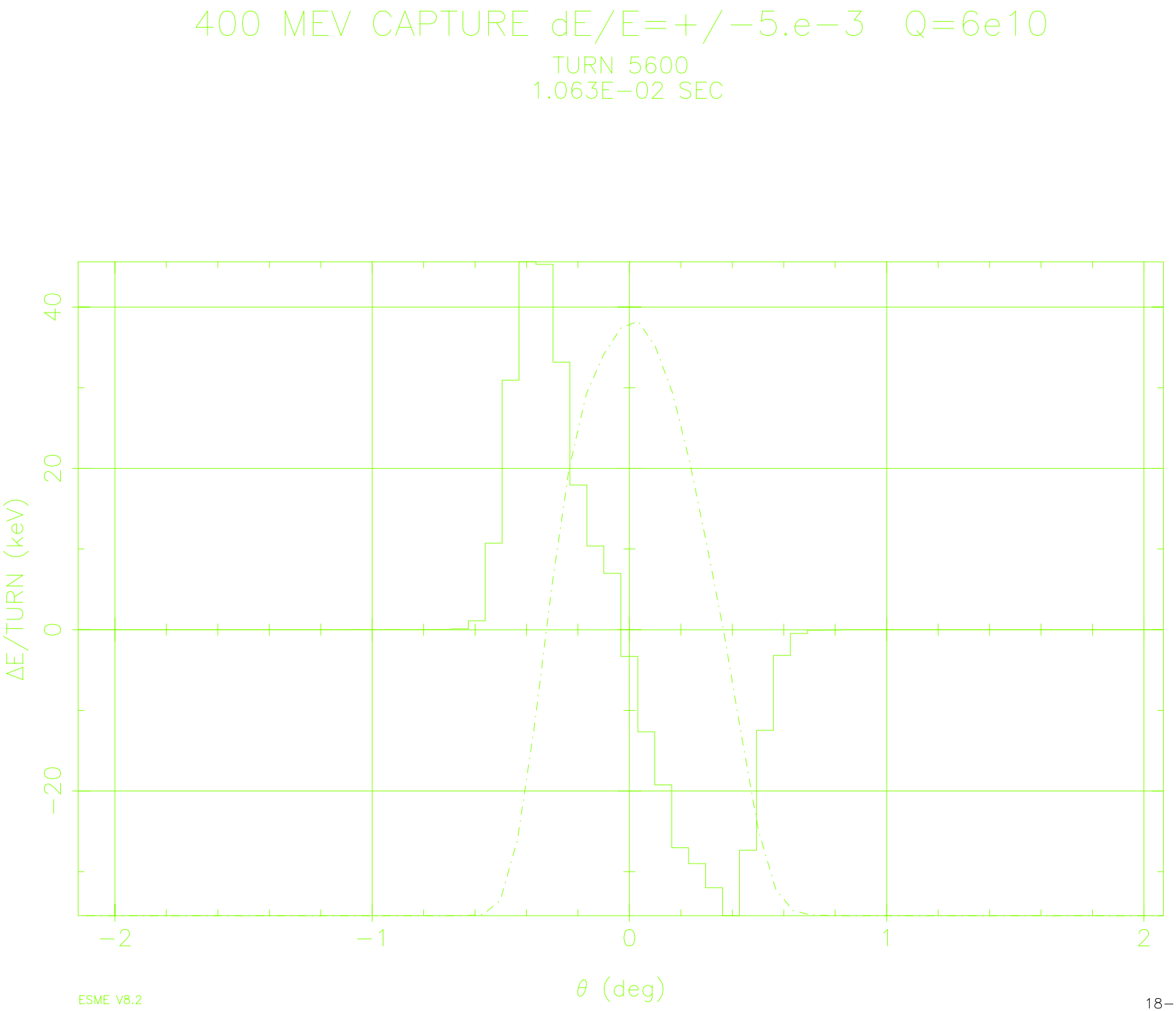

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 5600
1.063E-02 SEC
N = 21389
<E> = -1.655E-02
E_RMS = 2.209E+00
COUNTS/BIN (50 BINS)
0
2000
4000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 5600
1.063E-02 SEC
ΔE/TURN (keV)
40
20
0
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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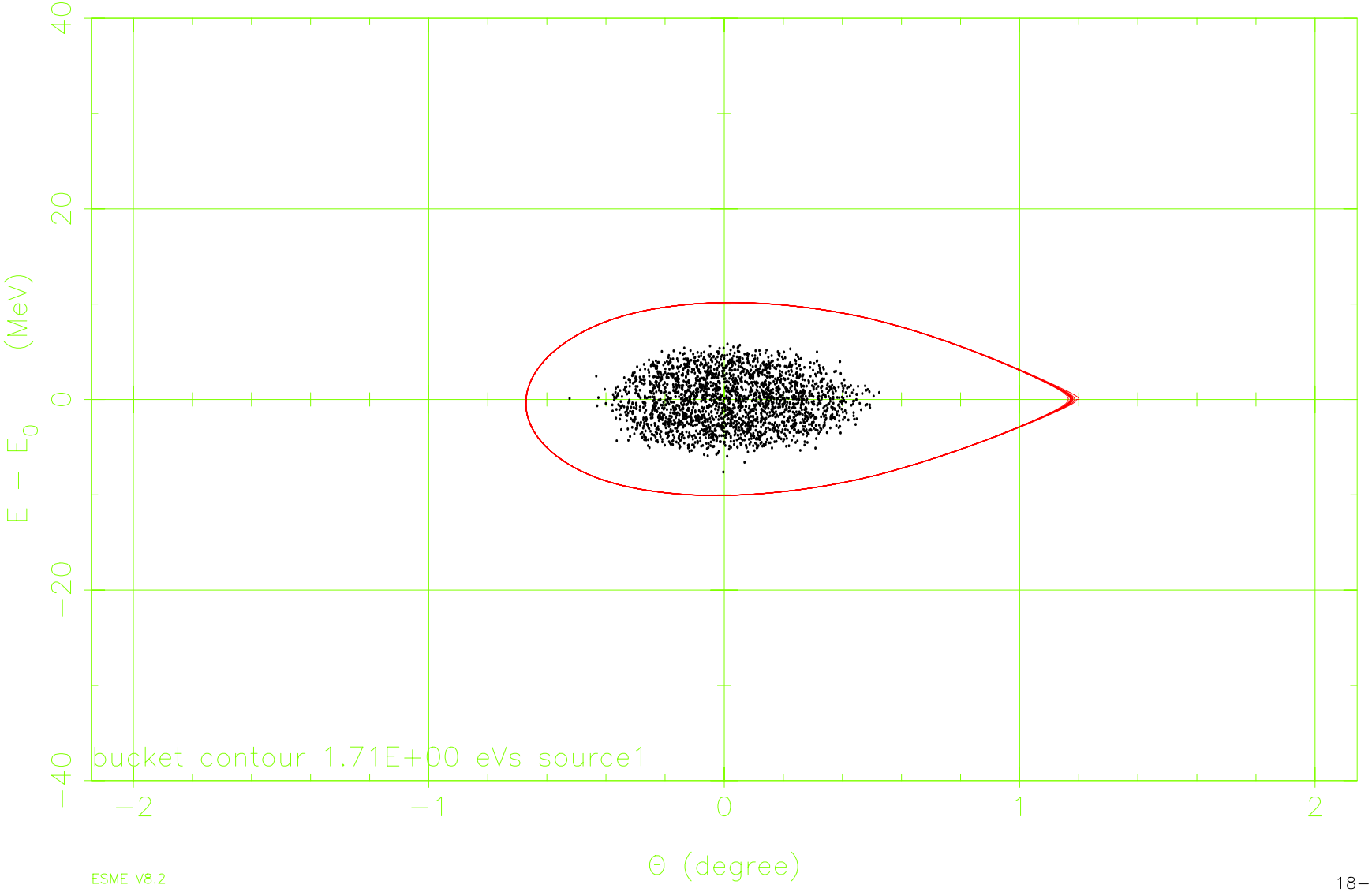
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 6400 1.196E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.0134E+01	1.7126E+00	3.3915E+03	84	8.709E−01	3.852E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
1.1160E−02	3.4292E+05	−4.2821E−02			
τ (s)	S_b (eV s)	N			
1.6460E−06	4.2663E−02	21389			



ESME V8.2

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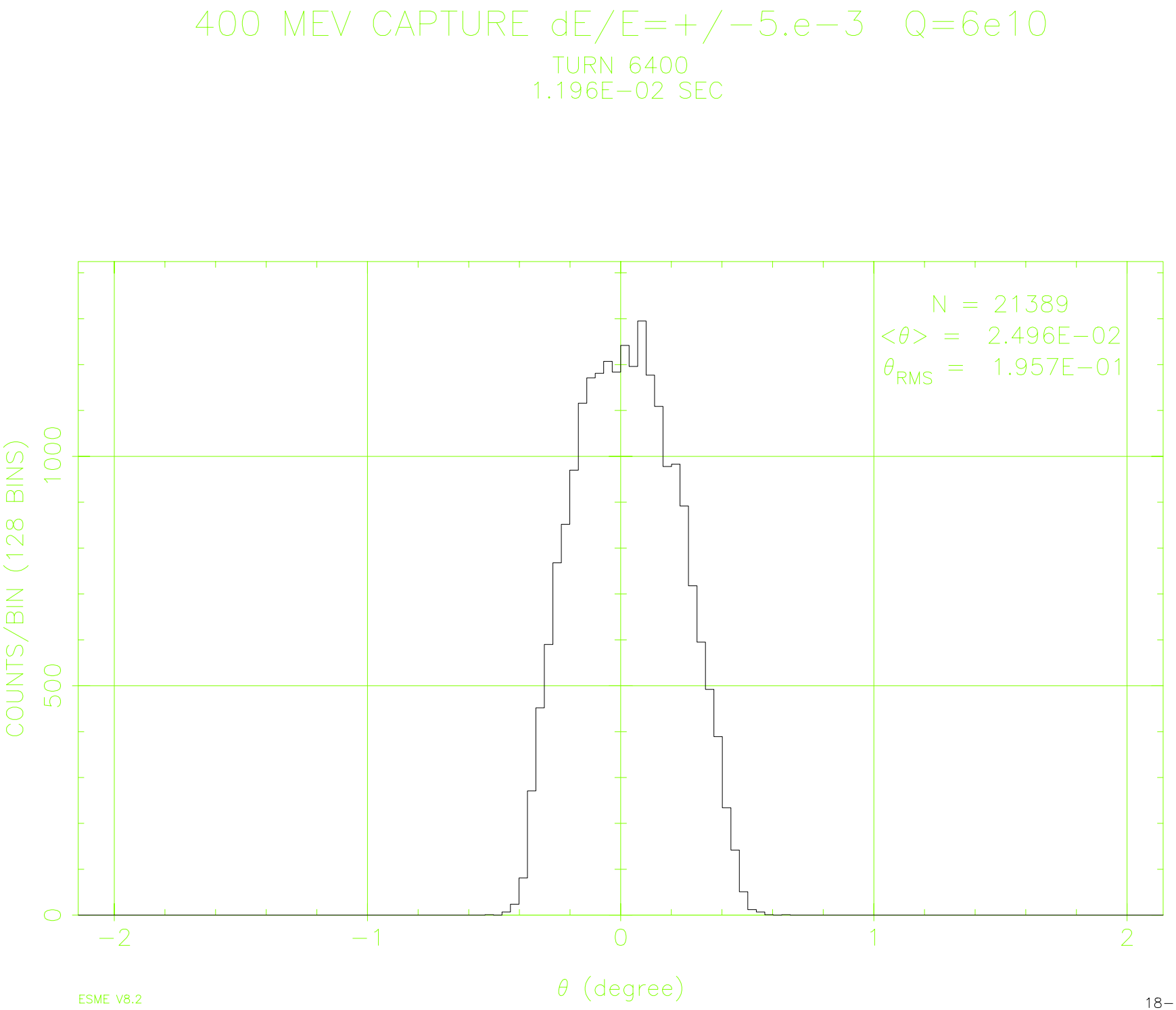

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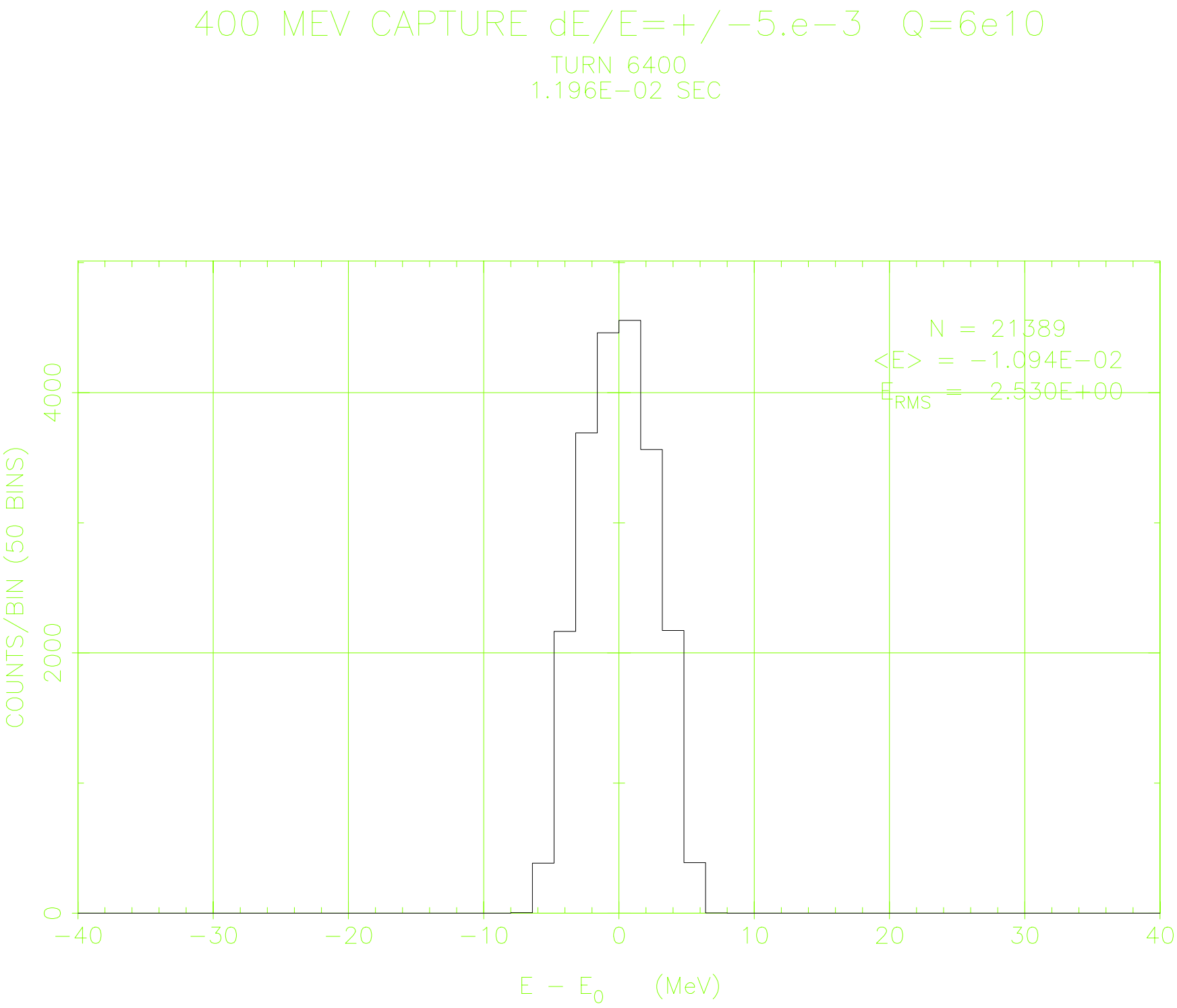
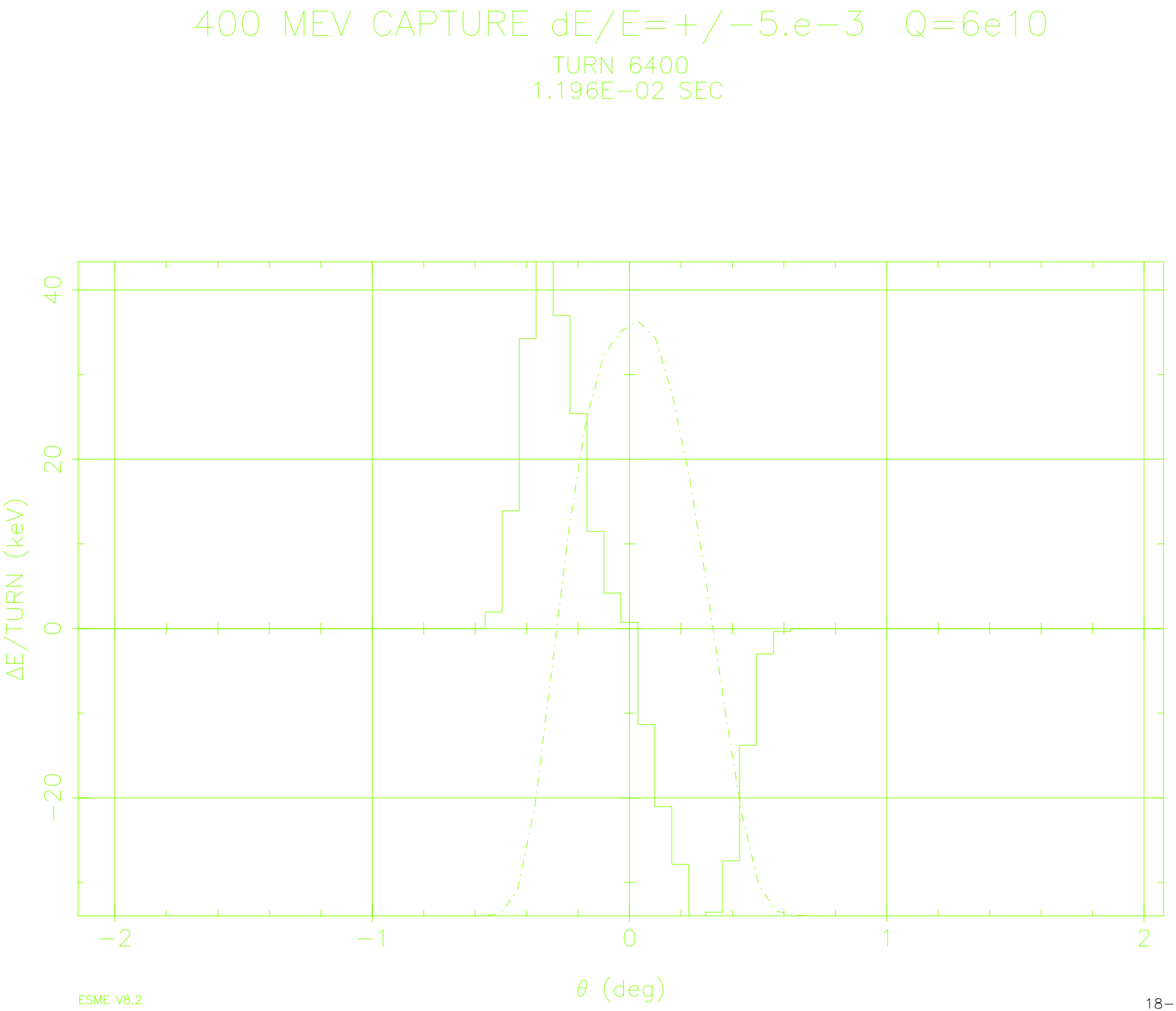

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 6400
1.196E-02 SEC
N = 21389
<E> = -1.094E-02
E_RMS = 2.530E+00
COUNTS/BIN (50 BINS)
0
2000
4000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 6400
1.196E-02 SEC
ΔE/TURN (keV)
40
20
0
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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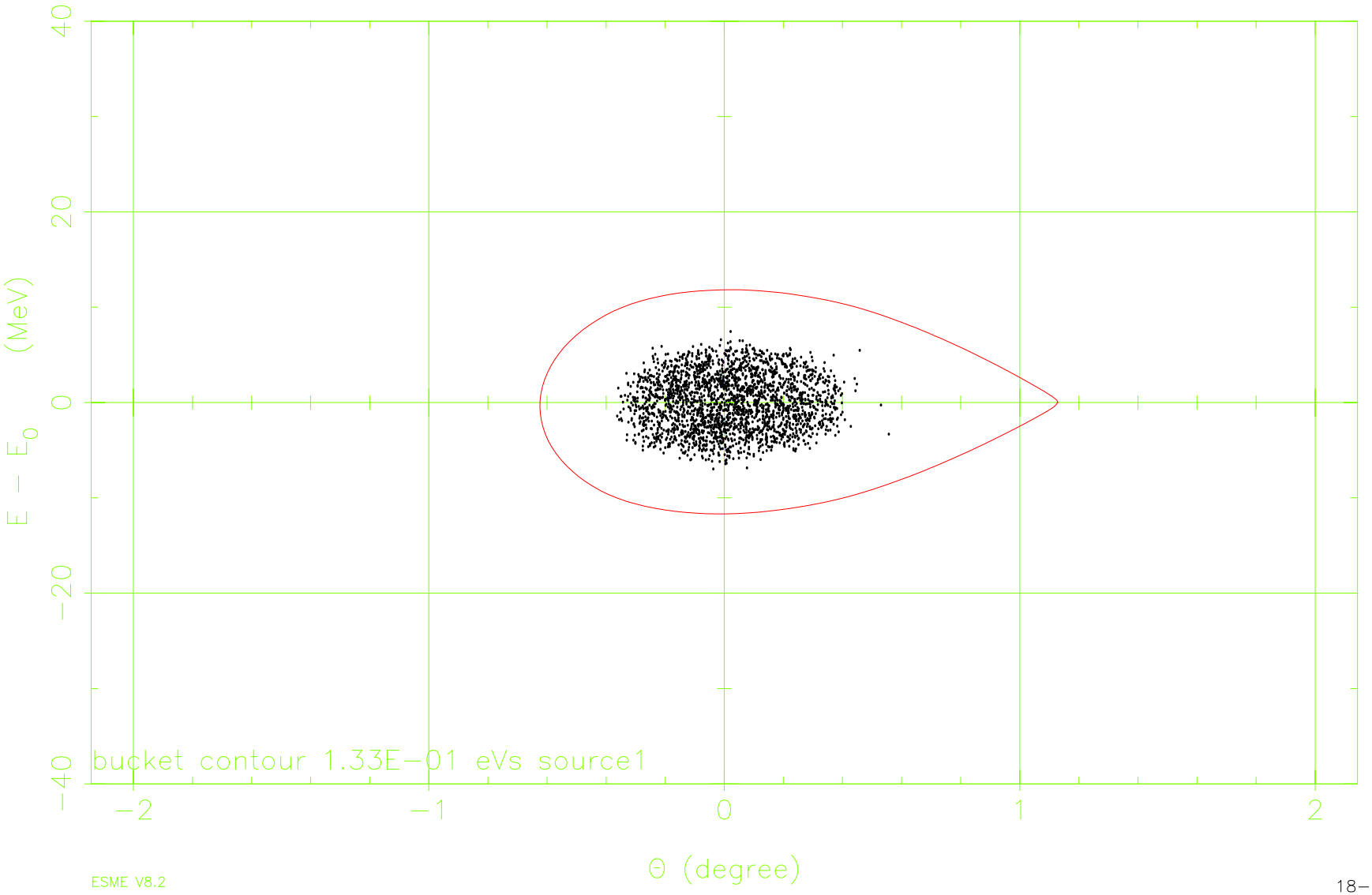
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 7038 1.300E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.1756E+01	1.3280E−01	3.7449E+03	84	8.500E−01	4.162E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
8.3858E−03	3.5695E+05	−2.9056E−02			
τ (s)	S_b (eV s)	N			
1.6338E−06	4.2676E−02	21389			



ESME V8.2

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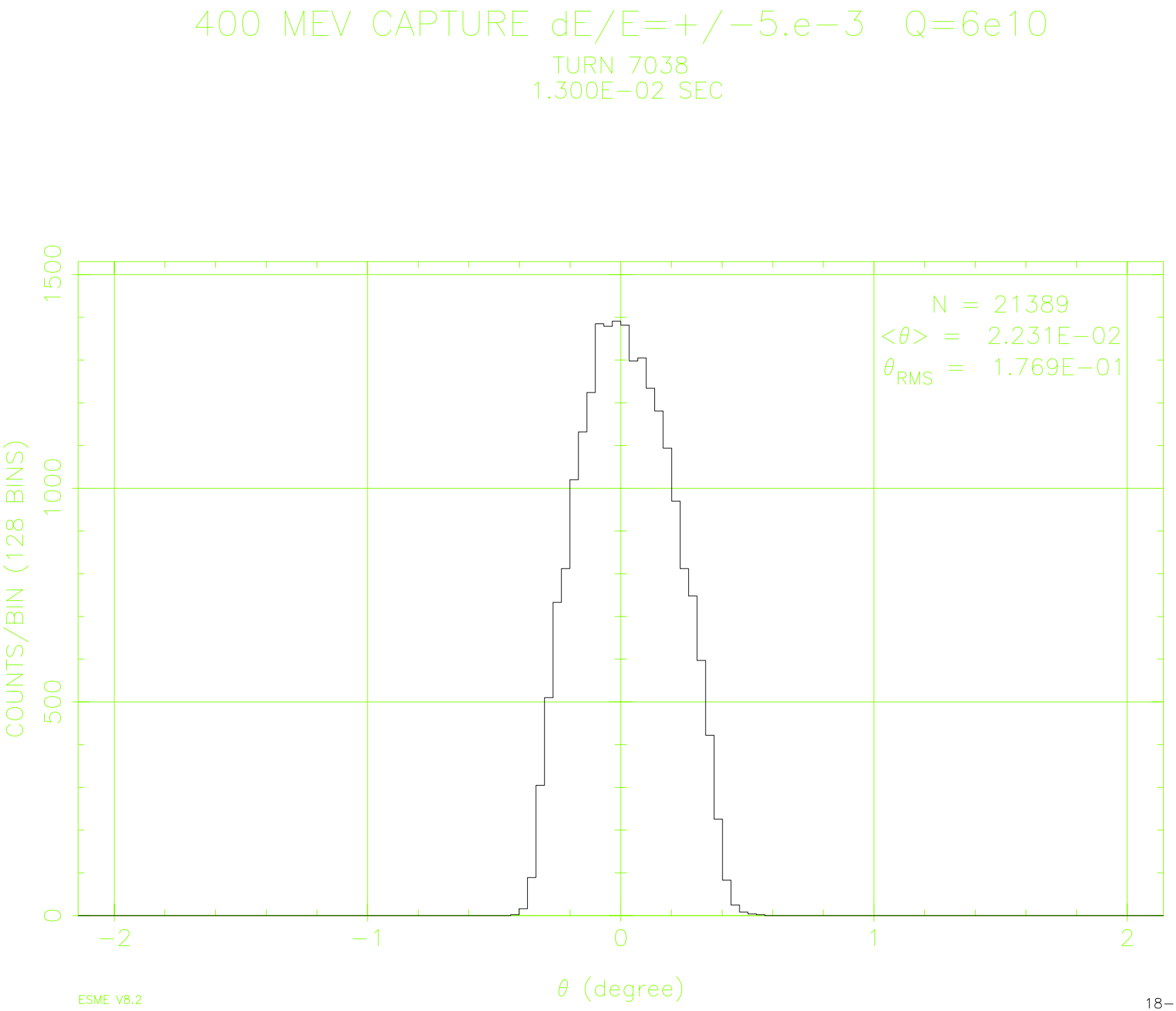

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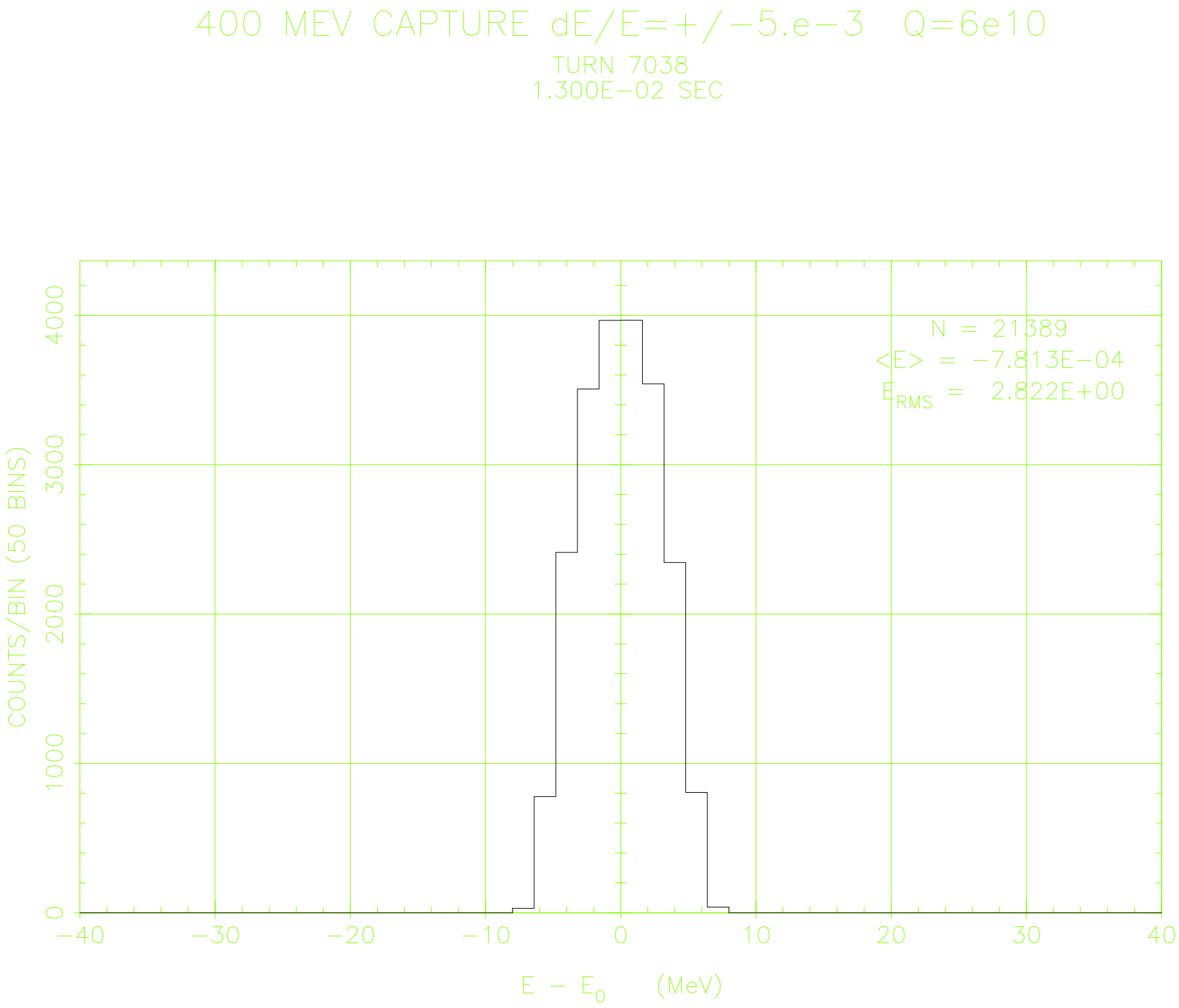
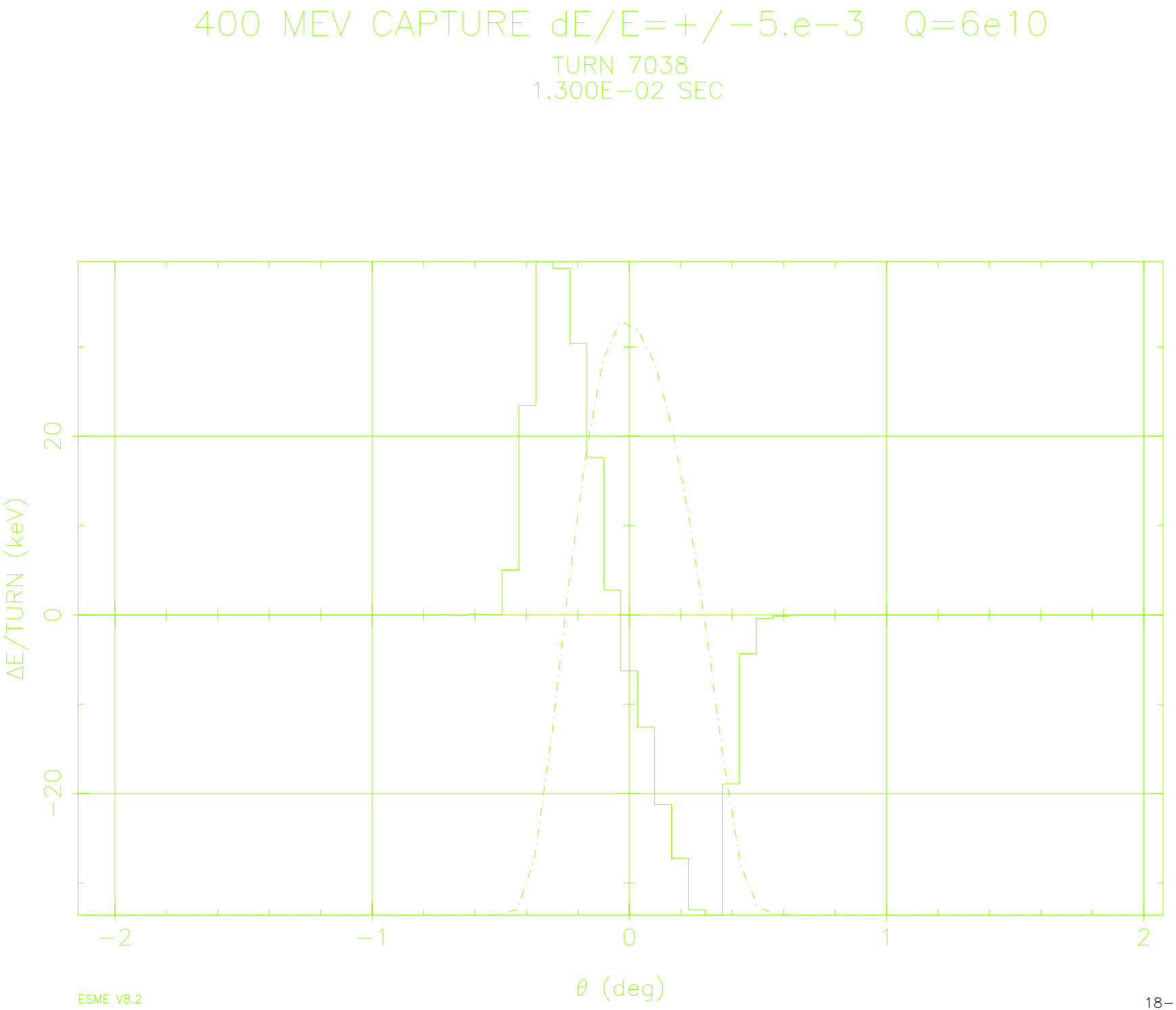
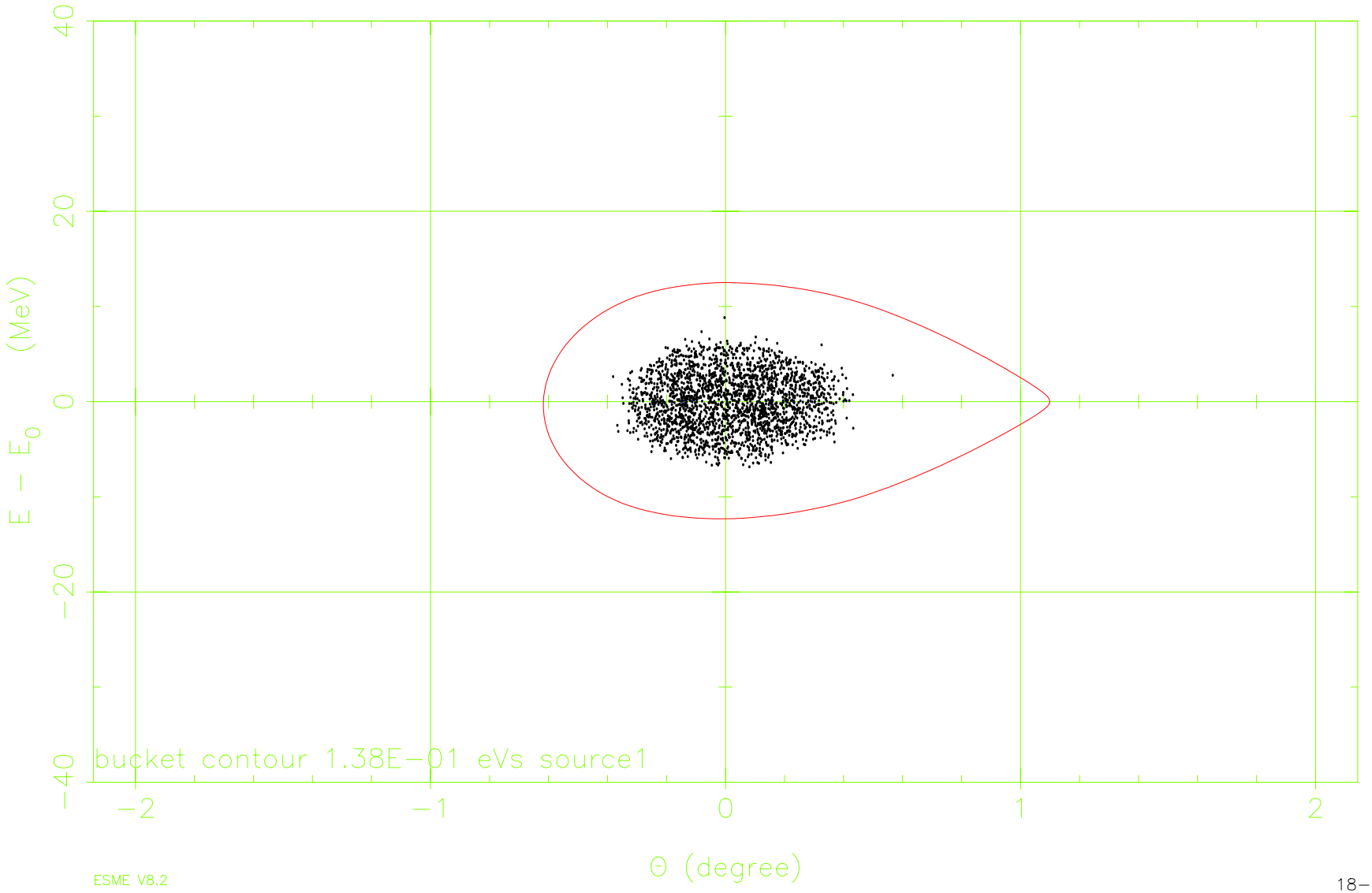

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 7038
1.300E-02 SEC
N = 21389
<E> = -7.813E-04
E_RMS = 2.822E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
4000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 7038
1.300E-02 SEC
ΔE/TURN (keV)
20
0
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:10

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 7200 1.327E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.2419E+01	1.3825E−01	3.8368E+03	84	8.500E−01	4.205E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
7.8114E−03	3.5995E+05	−2.6086E−02			
τ (s)	S_b (eV s)	N			
1.6313E−06	4.2660E−02	21389			



ESME V8.2

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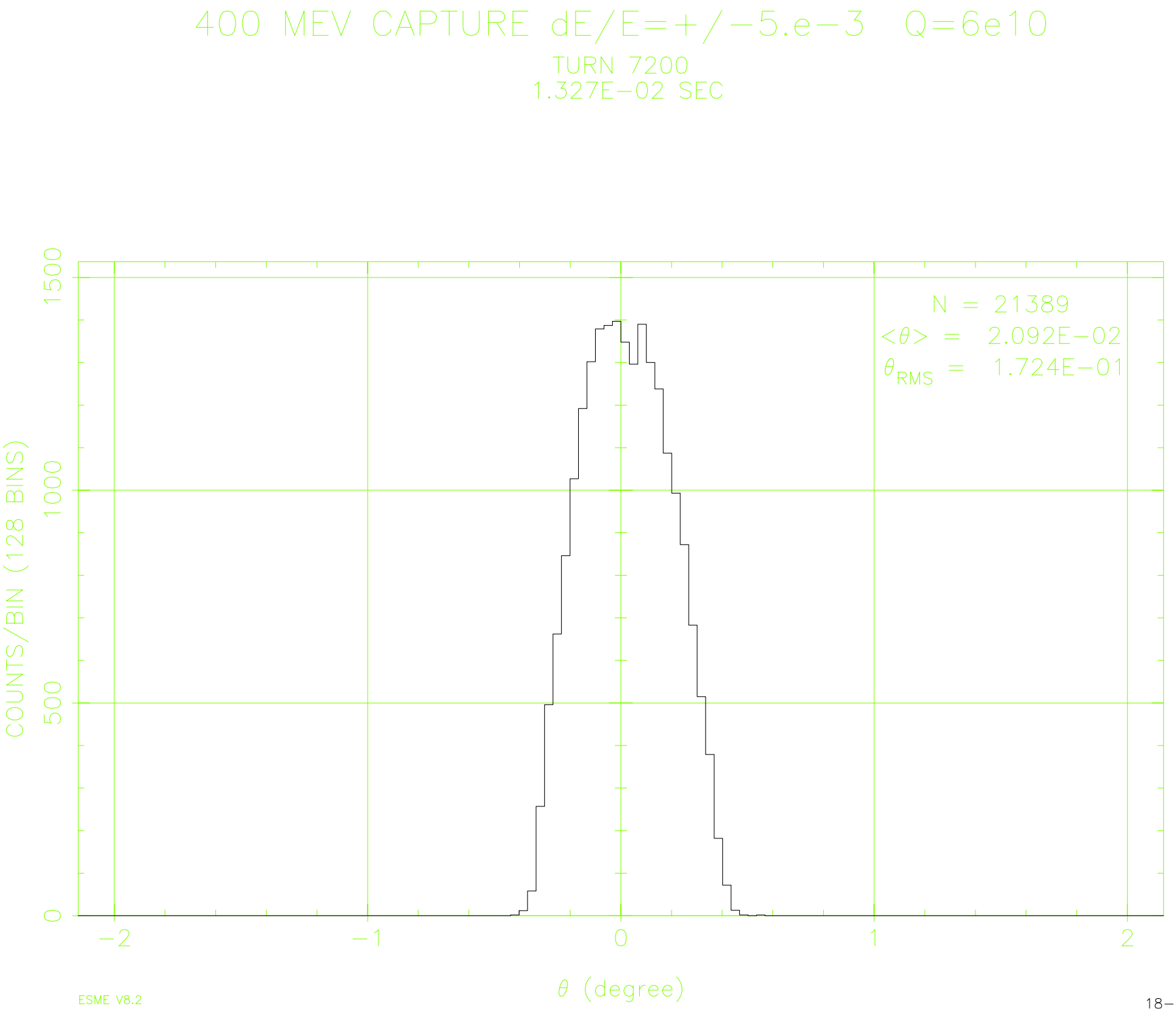

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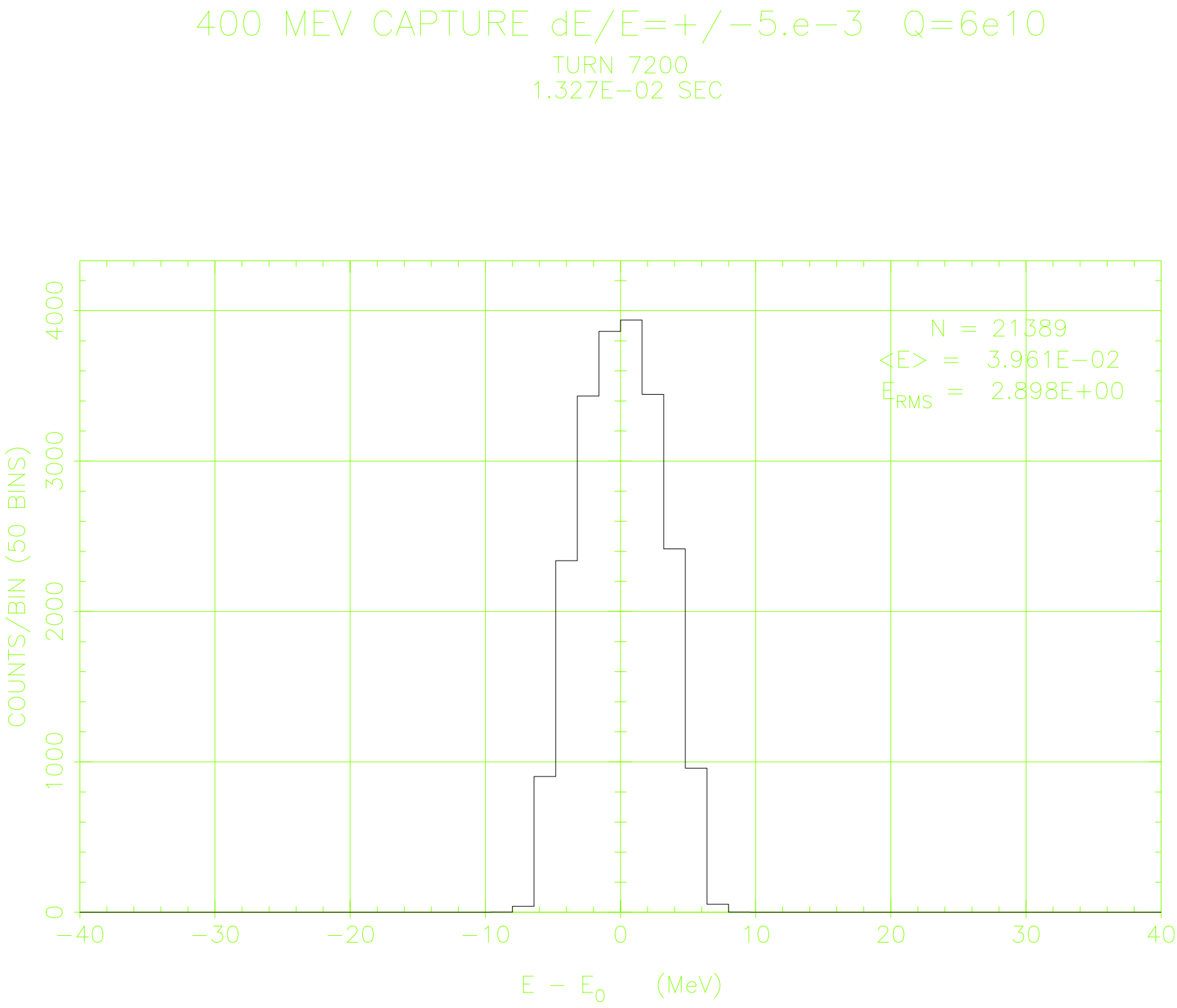
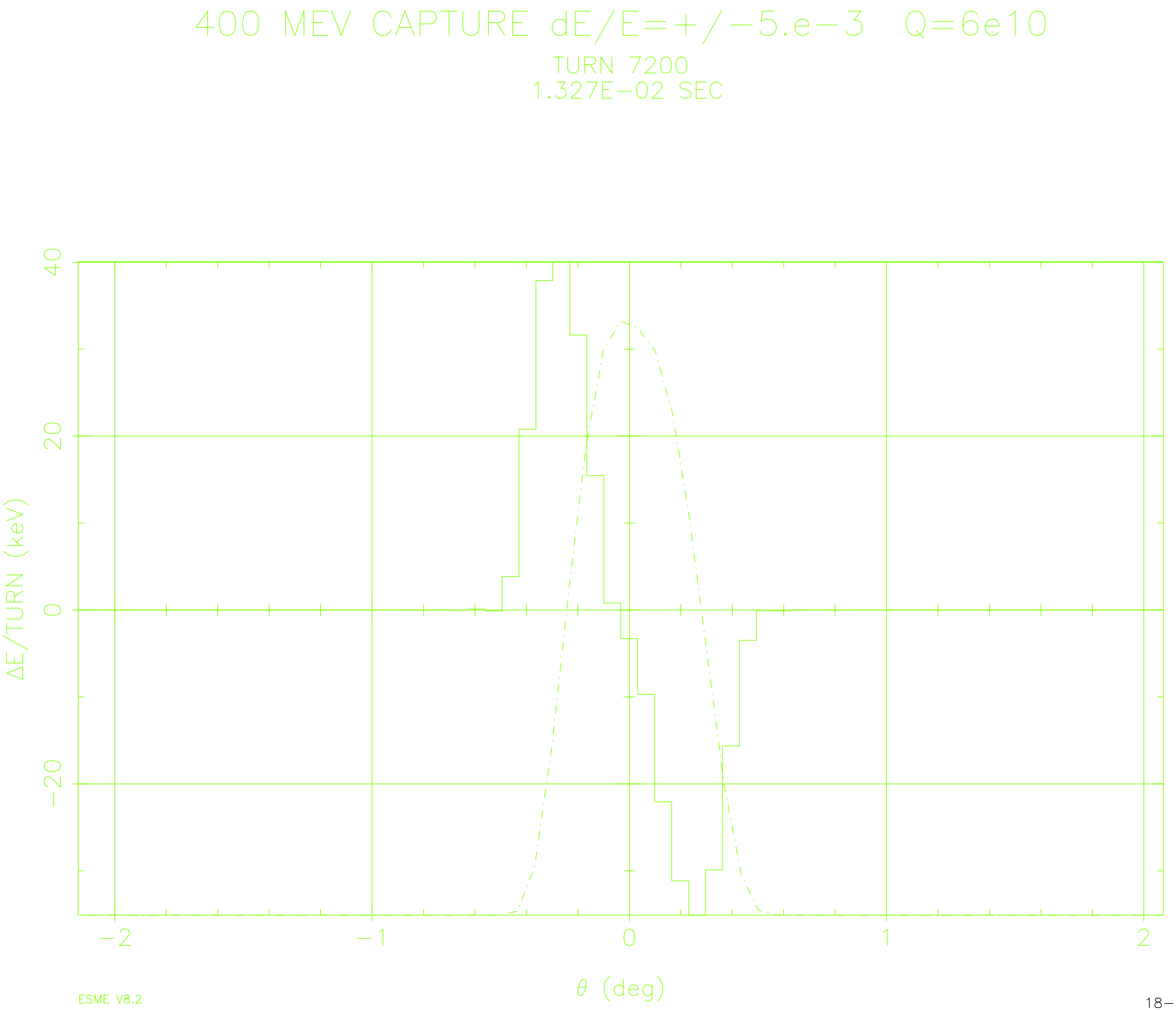

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 7200
1.327E-02 SEC
N = 21389
<E> = 3.961E-02
E_RMS = 2.898E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
4000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 7200
1.327E-02 SEC
40
20
0
-20
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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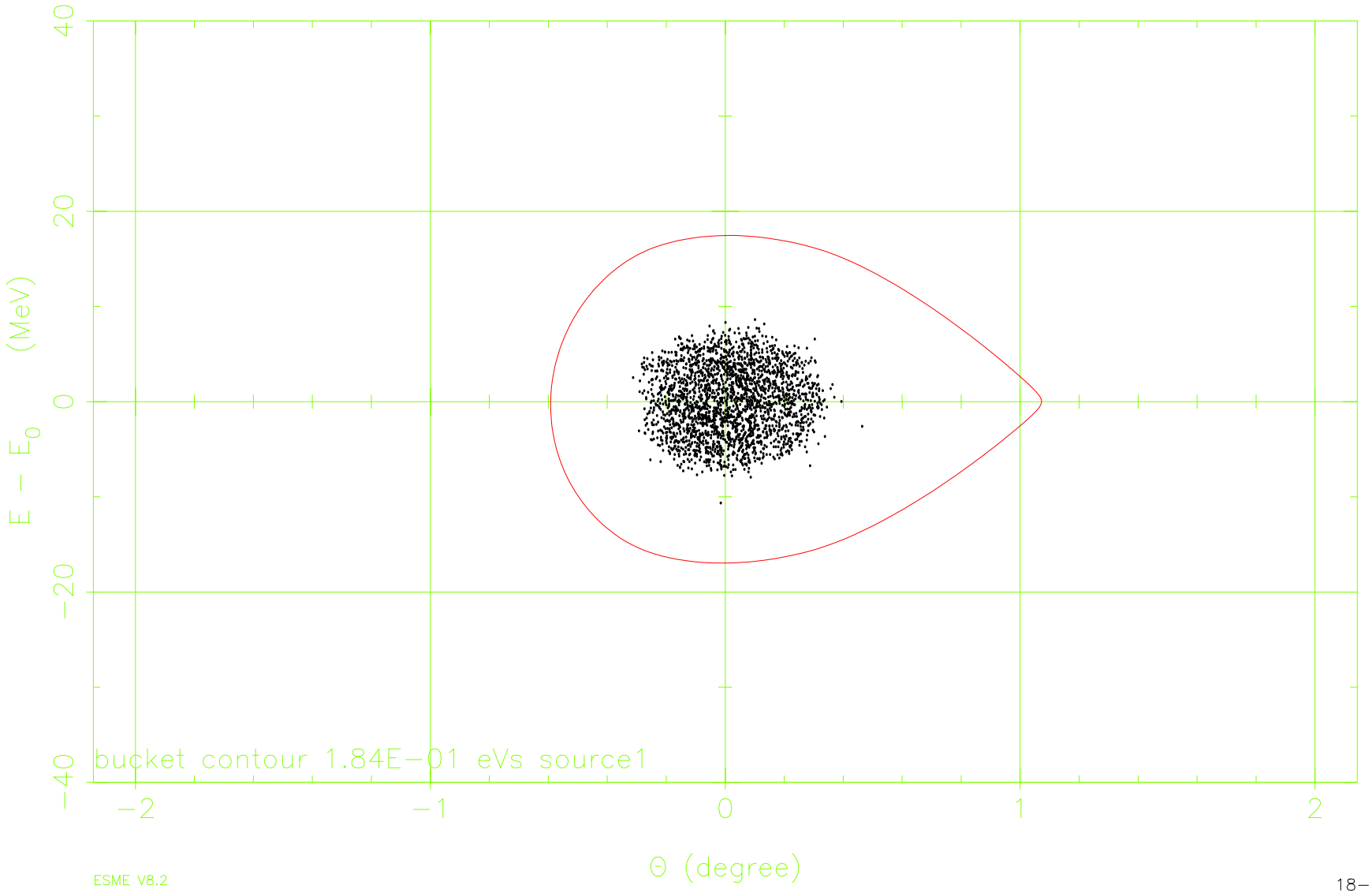
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 8000 1.457E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.7212E+01	1.8434E−01	4.3001E+03	84	8.500E−01	4.371E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
5.2792E−03	3.7132E+05	−1.3894E−02			
τ (s)	S_b (eV s)	N			
1.6208E−06	4.2662E−02	21389			



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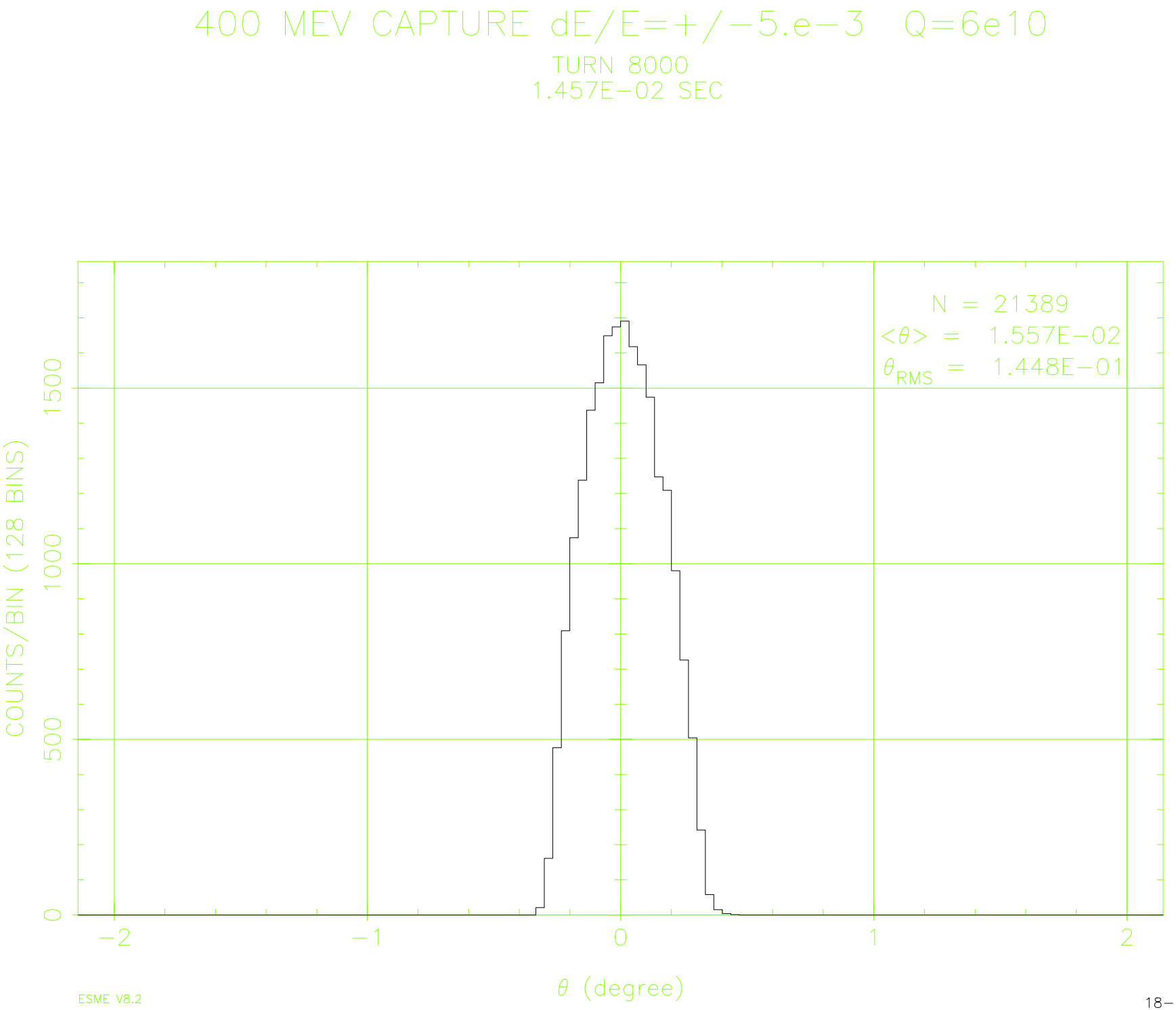

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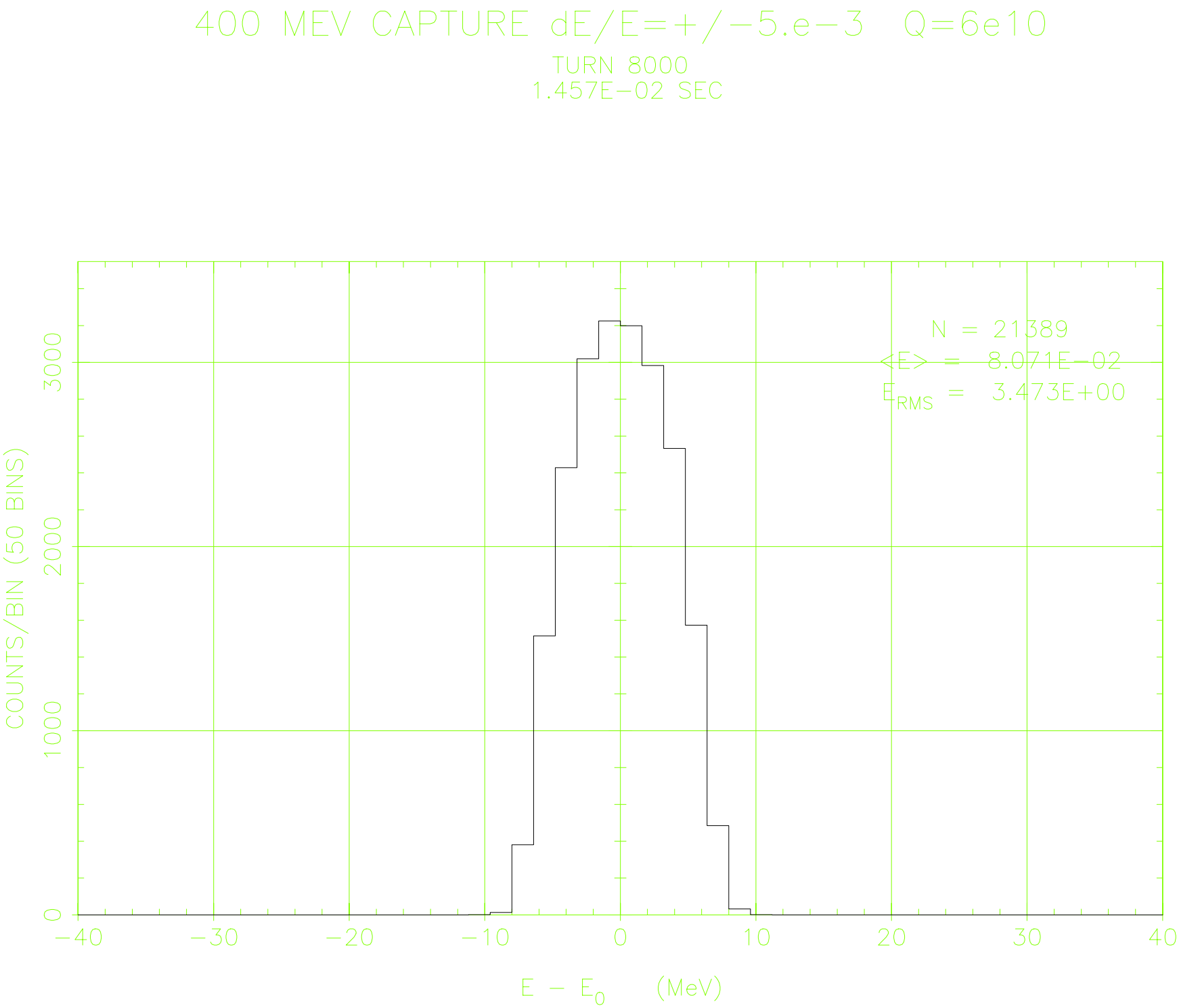
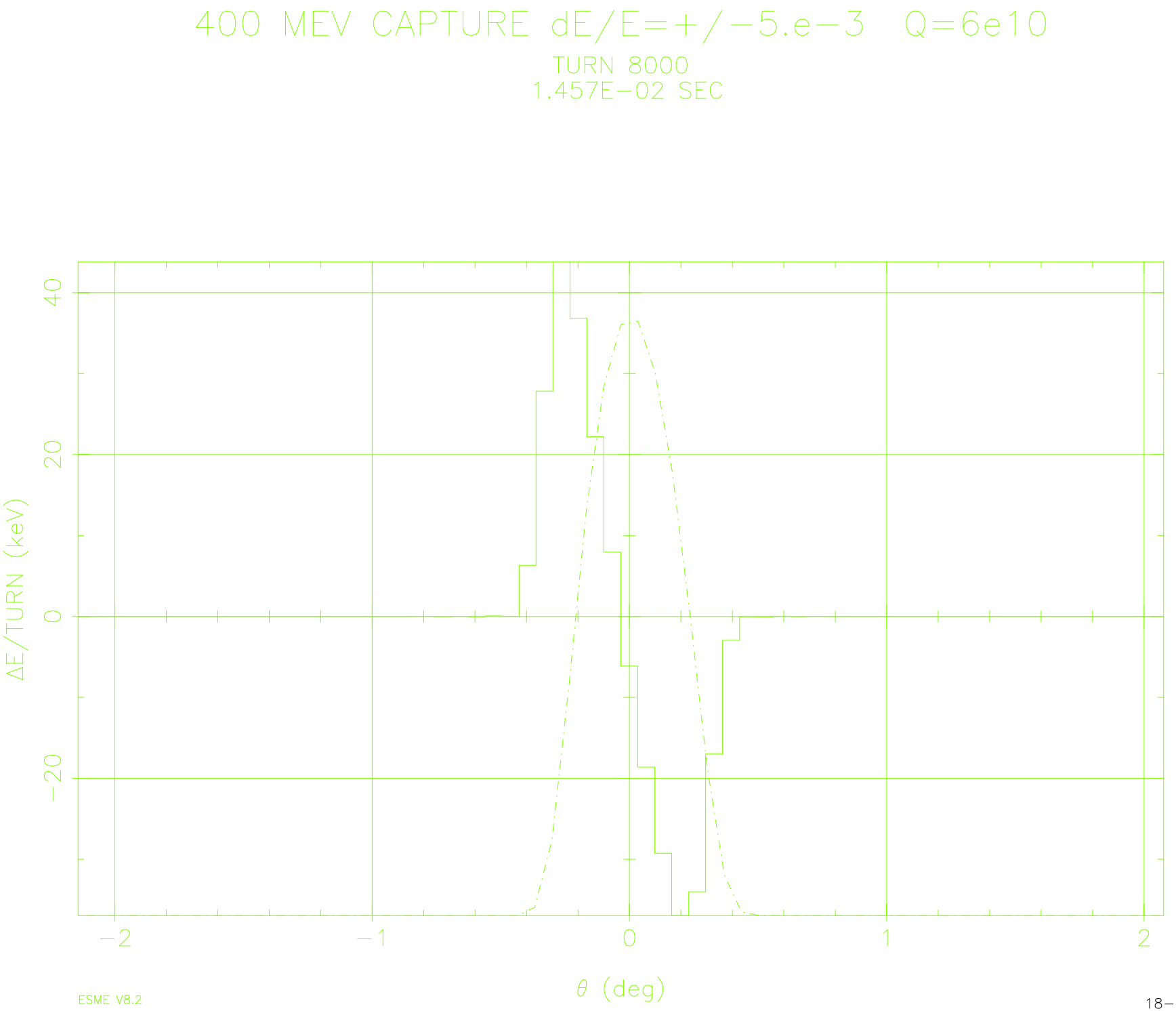

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8000
1.457E-02 SEC
N = 21389
<E> = 8.071E-02
E_RMS = 3.473E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8000
1.457E-02 SEC
ΔE/TURN (keV)
40
20
0
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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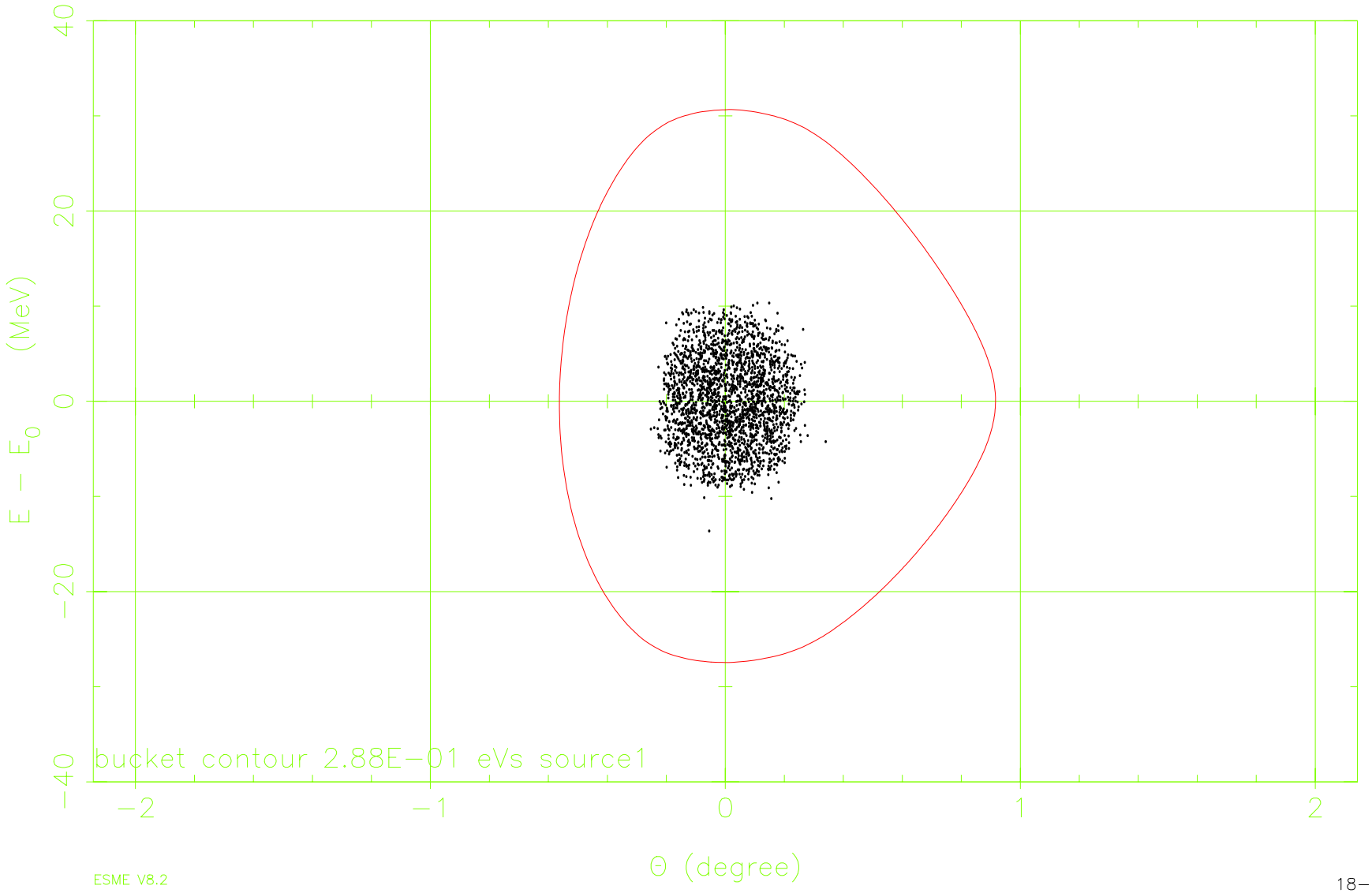
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 8800 1.586E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.9060E+01	2.8823E−01	4.7741E+03	84	8.500E−01	4.455E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.9429E−03	3.7699E+05	−4.9085E−03			
τ (s)	S_b (eV s)	N			
1.6132E−06	4.2682E−02	21389			



ESME V8.2

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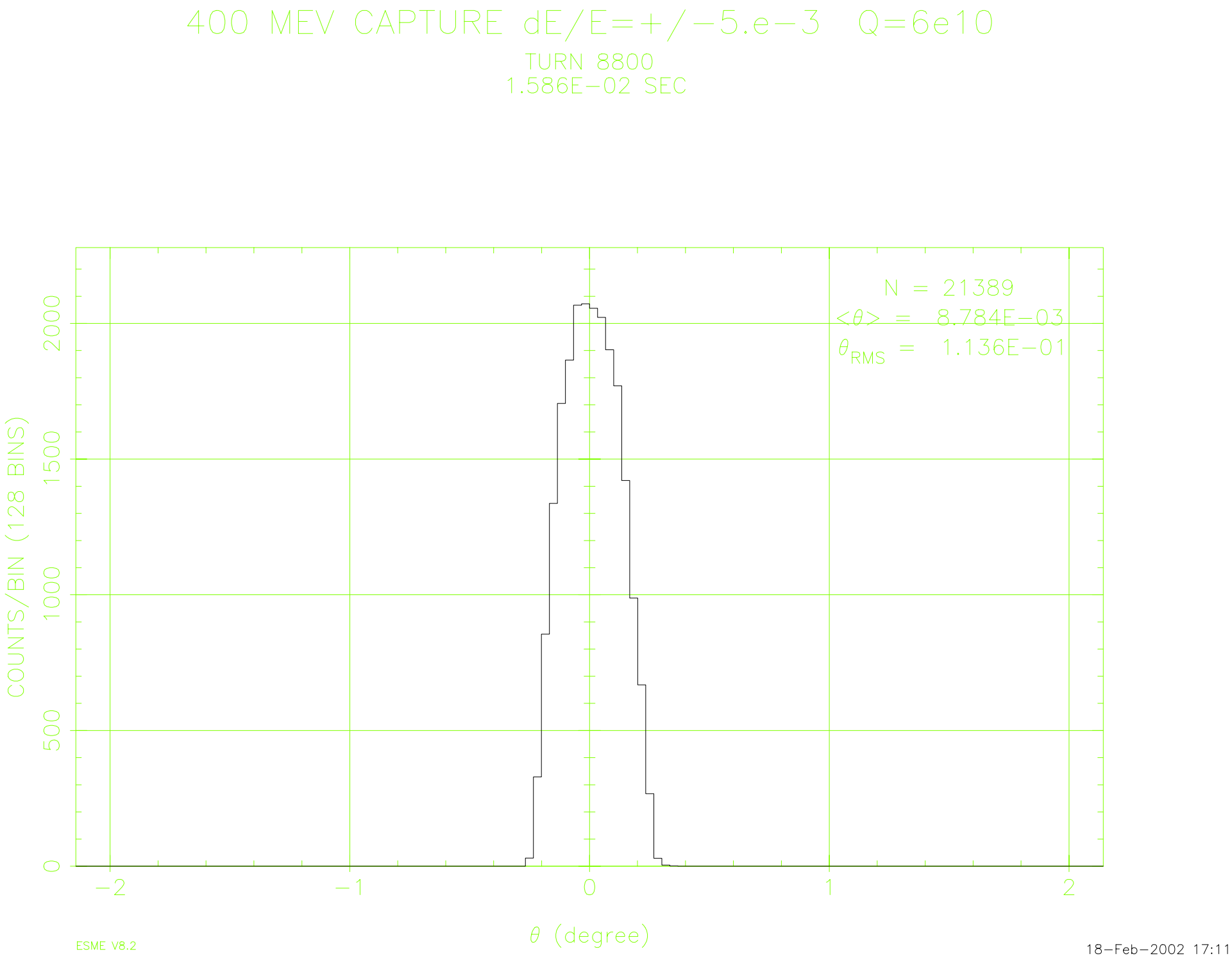
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8800
1.586E-02 SEC
N = 21389
<θ> = 8.784E-03
θRMS = 1.136E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
2000
-2
-1
0
1
2
θ (degree)
ESME V8.2
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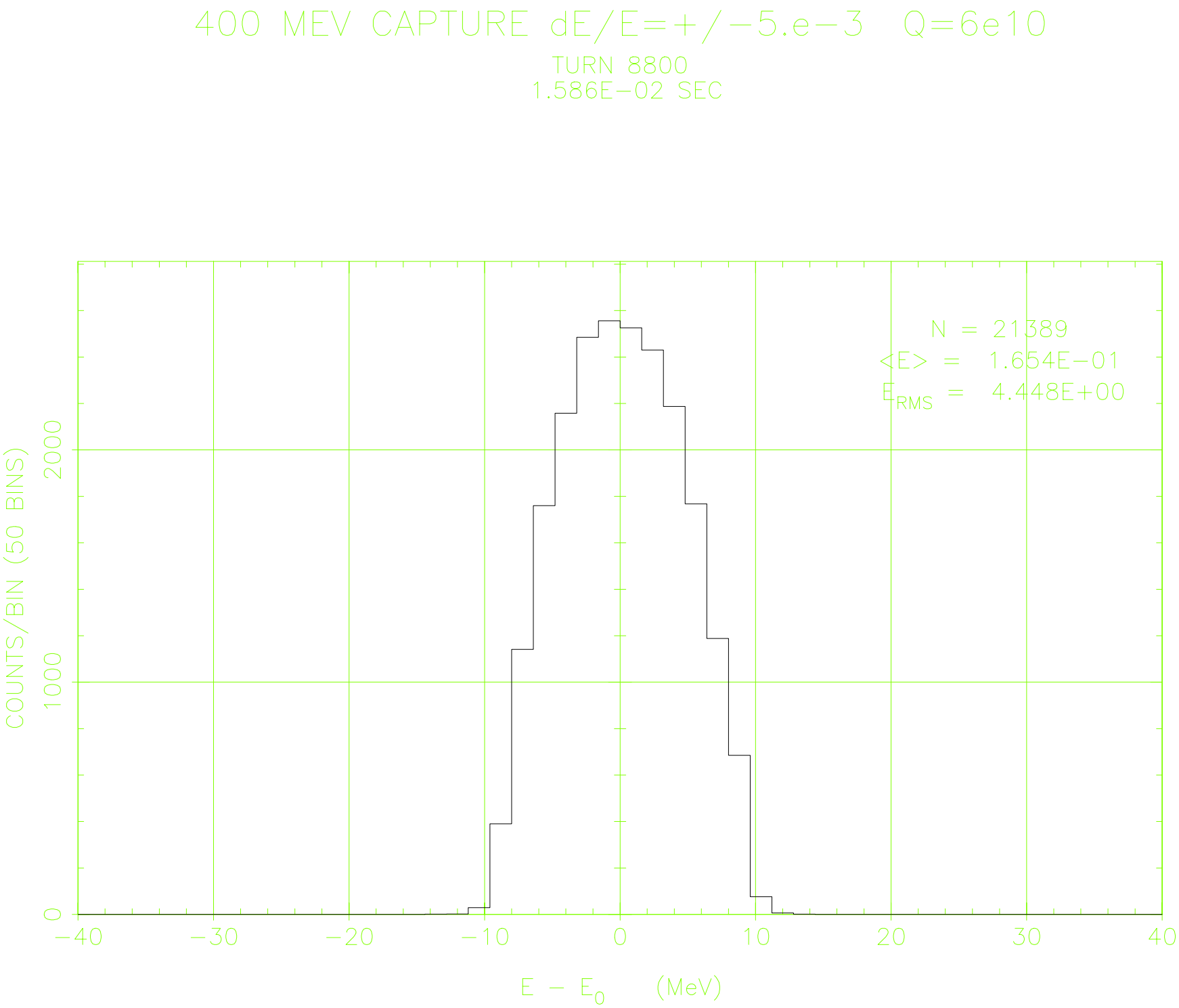
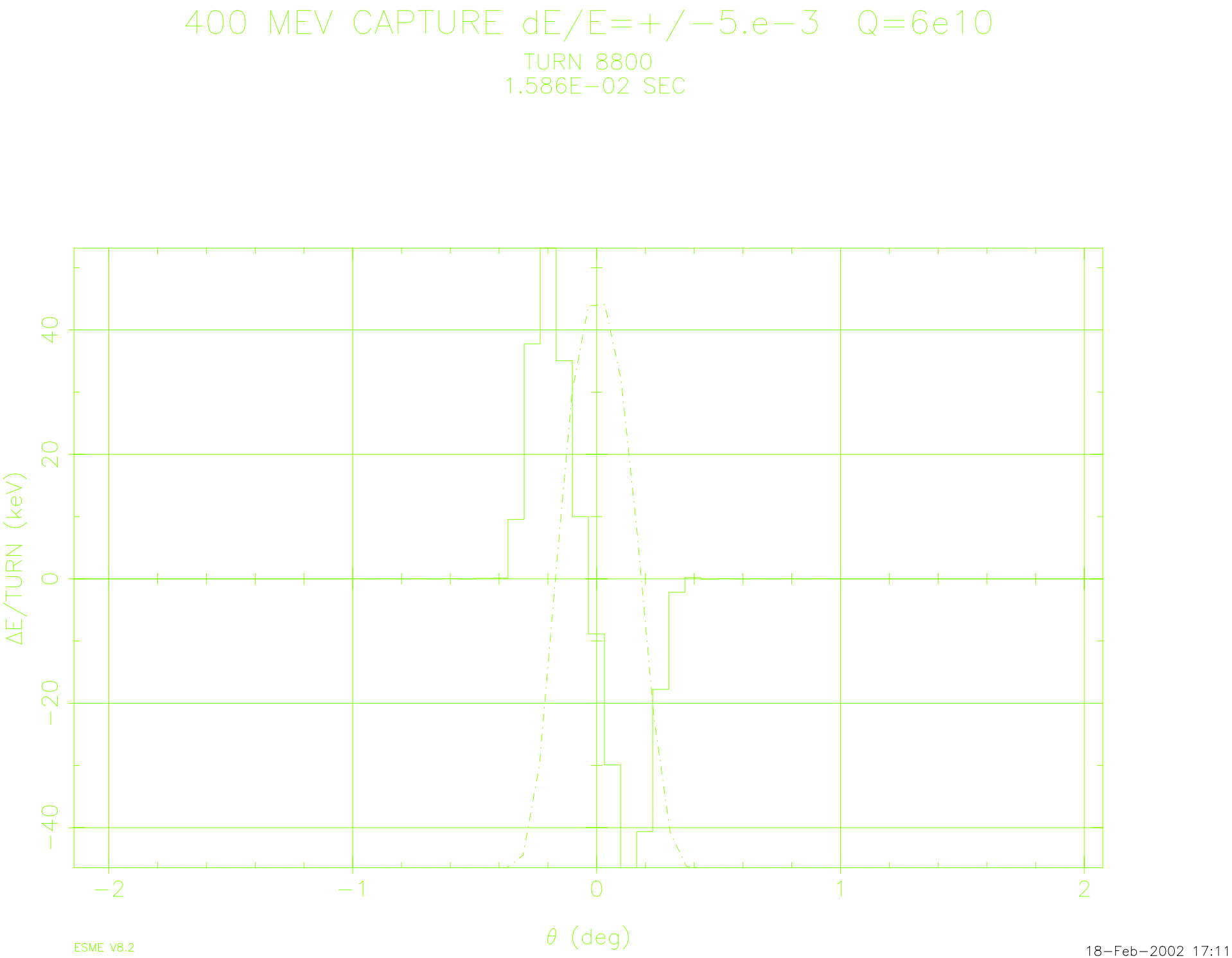

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8800
1.586E-02 SEC
N = 21389
<E> = 1.654E-01
E_RMS = 4.448E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8800
1.586E-02 SEC
ΔE/TURN (keV)
40
20
0
-20
-40
-2
-1
0
1
2
θ (deg)
ESME V8.2
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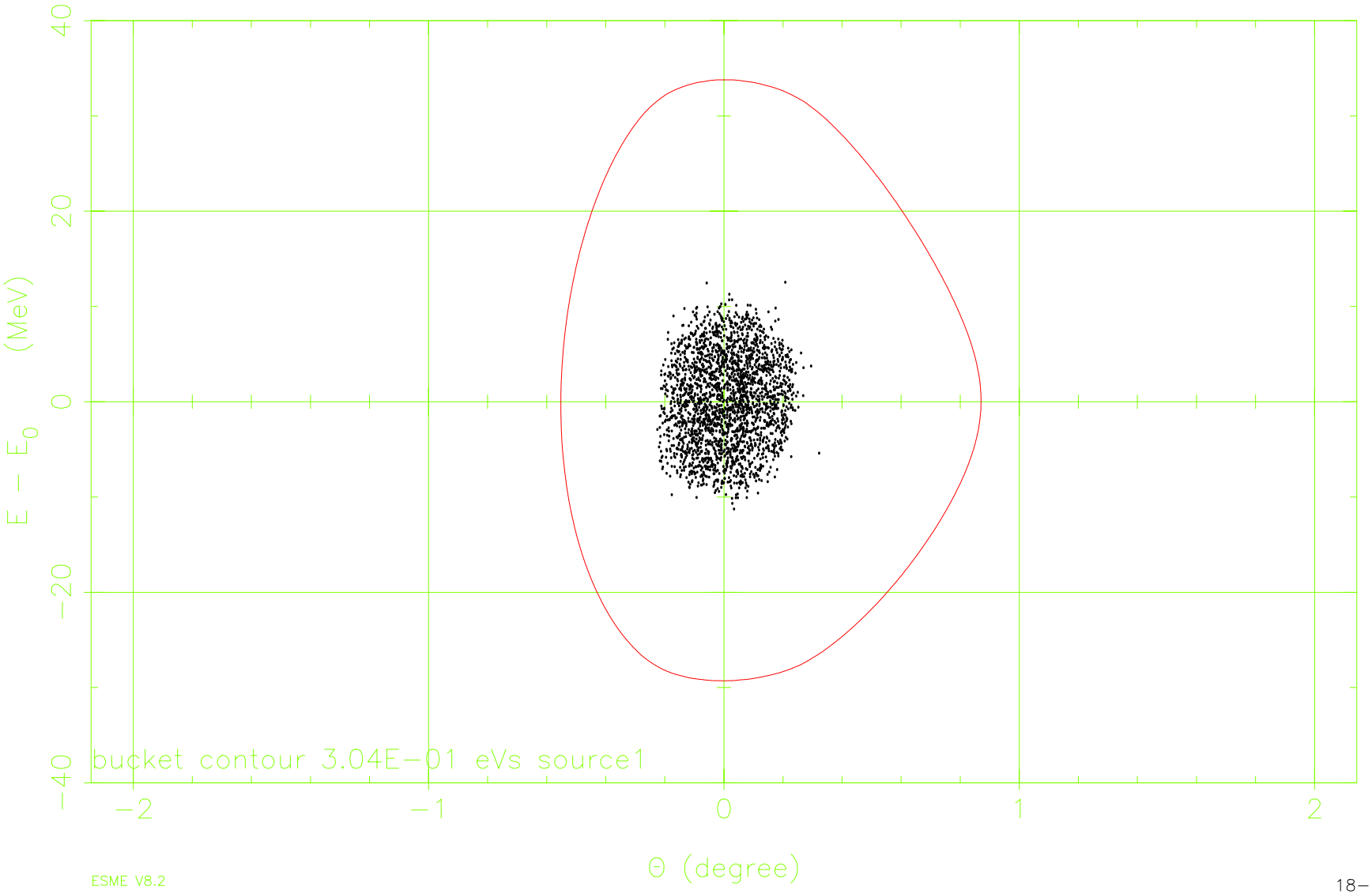
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 8888 1.600E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.1537E+01	3.0379E−01	4.8266E+03	84	8.500E−01	4.459E+01
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.6640E−03	3.7727E+05	−4.0729E−03			
τ (s)	S_b (eV s)	N			
1.6125E−06	4.2668E−02	21389			



ESME V8.2

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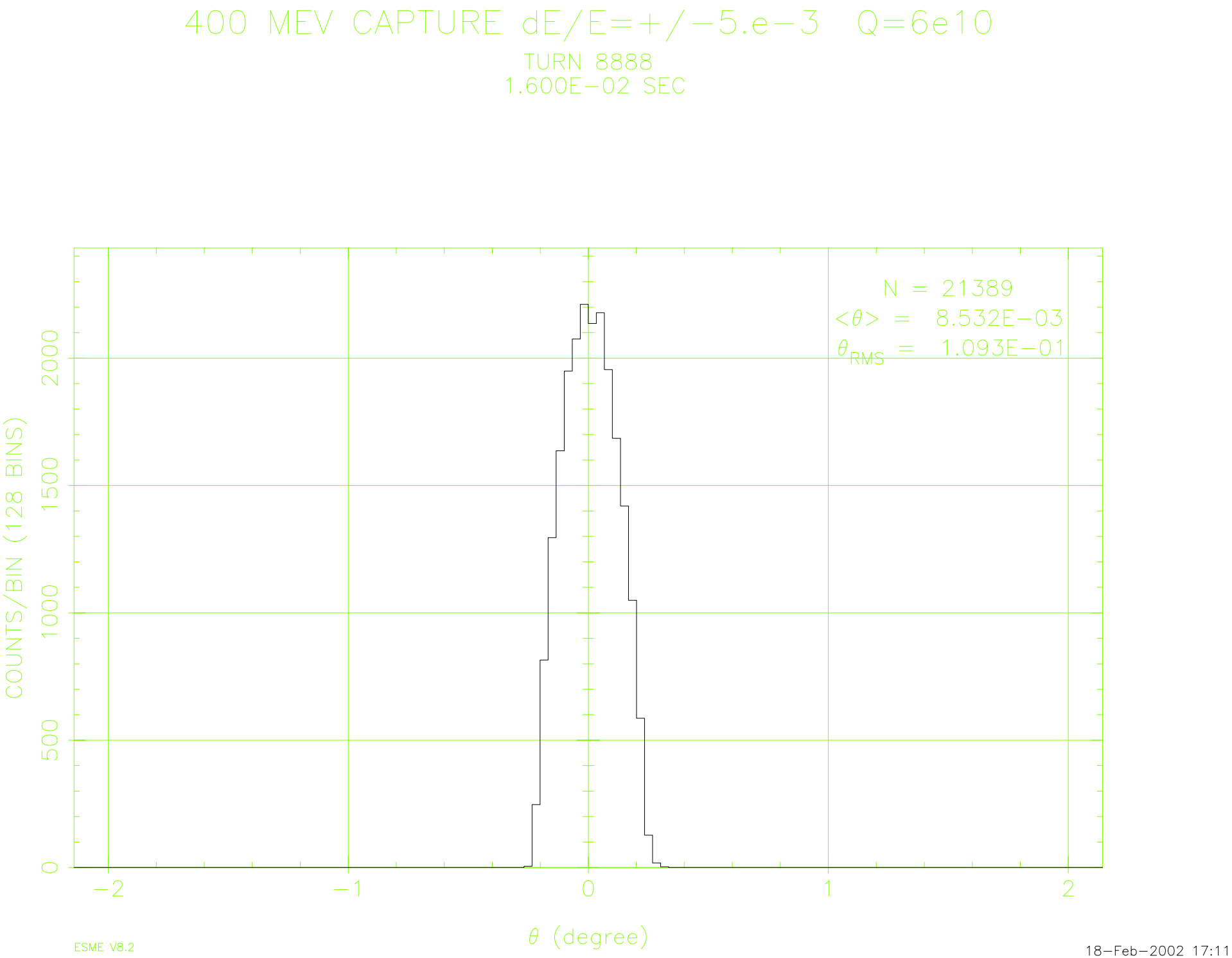
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8888
1.600E-02 SEC
N = 21389
<θ> = 8.532E-03
θRMS = 1.093E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
2000
-2
-1
0
1
2
θ (degree)
ESME V8.2
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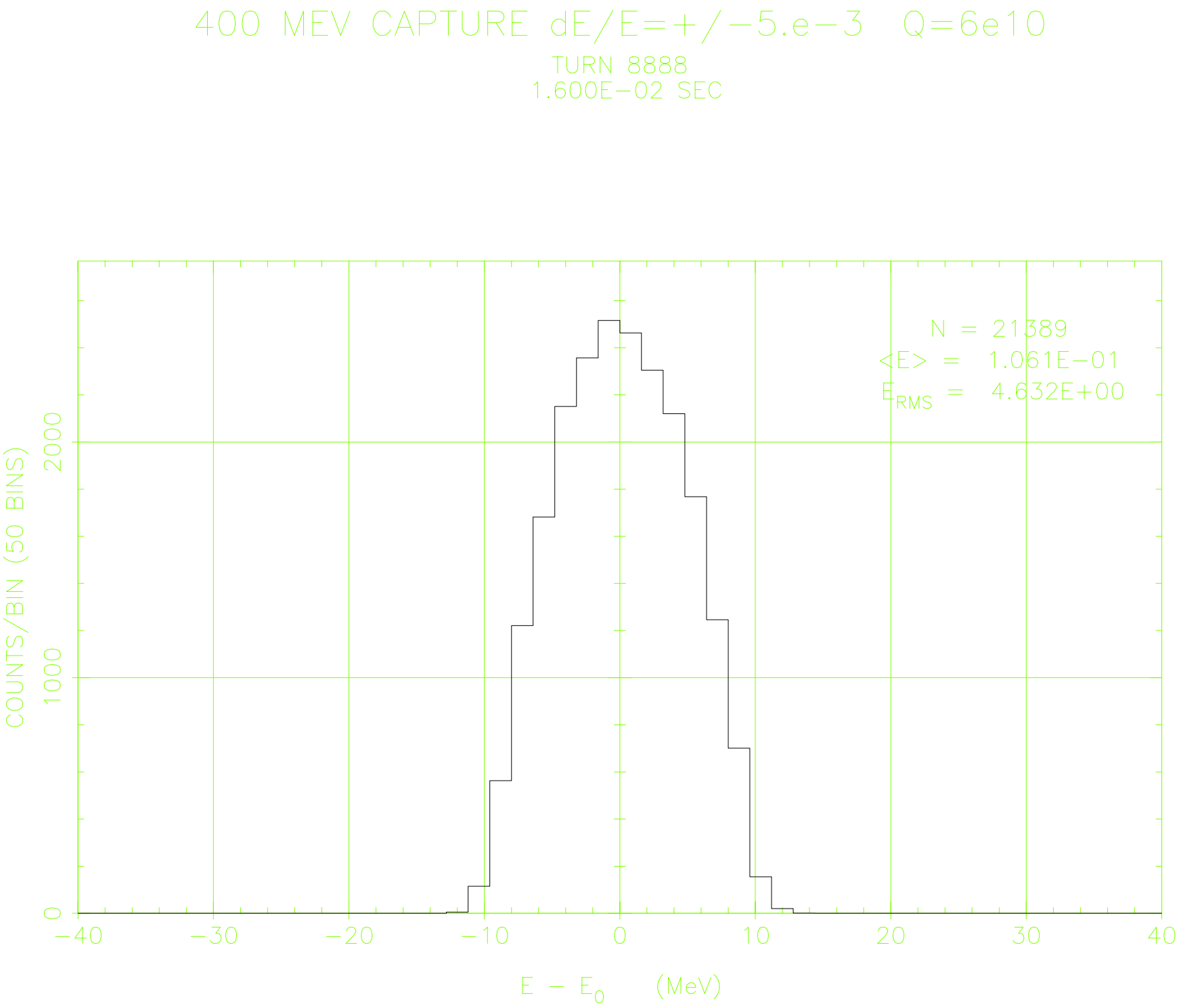
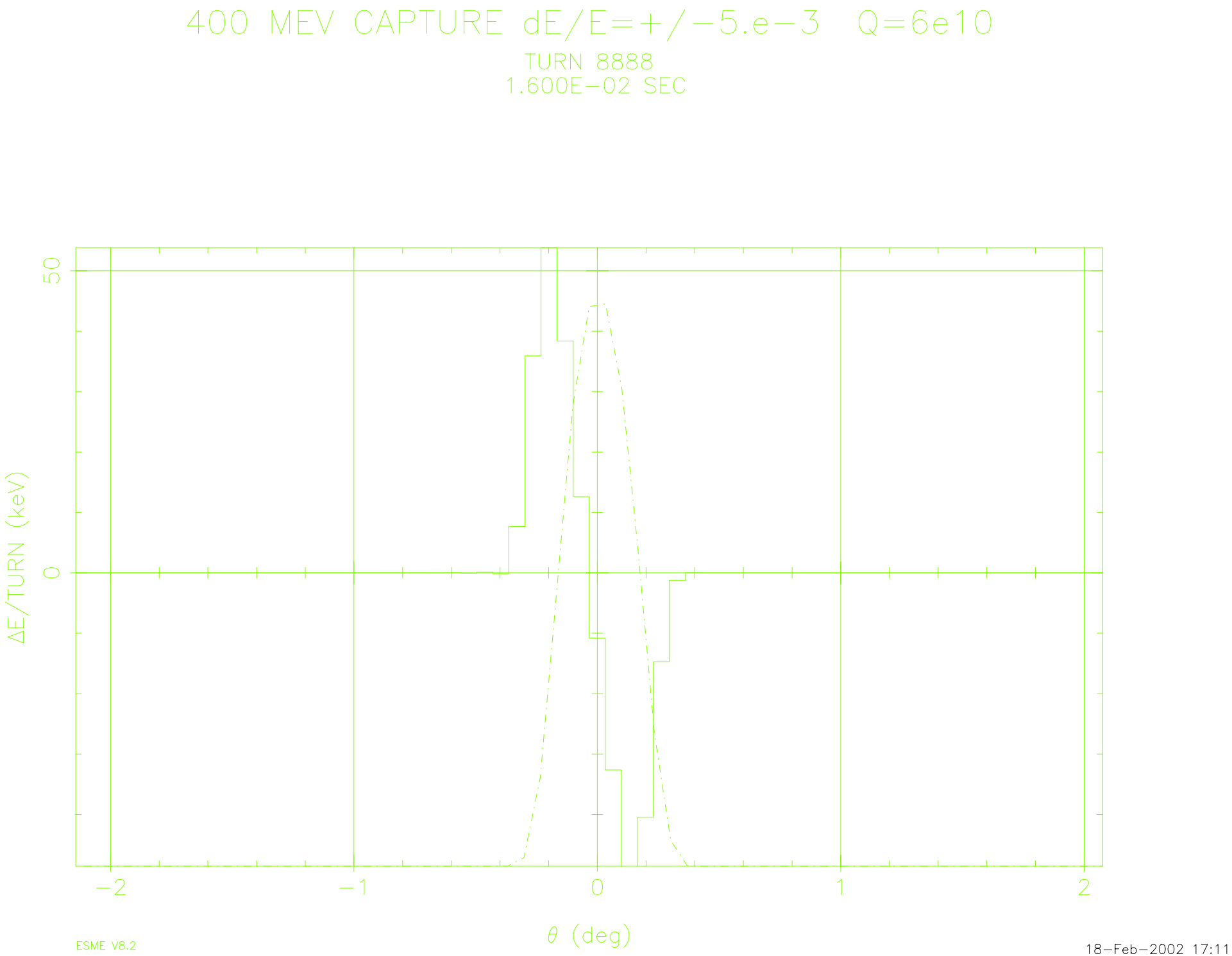

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8888
1.600E-02 SEC
N = 21389
<E> = 1.061E-01
E_RMS = 4.632E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 8888
1.600E-02 SEC
50
0
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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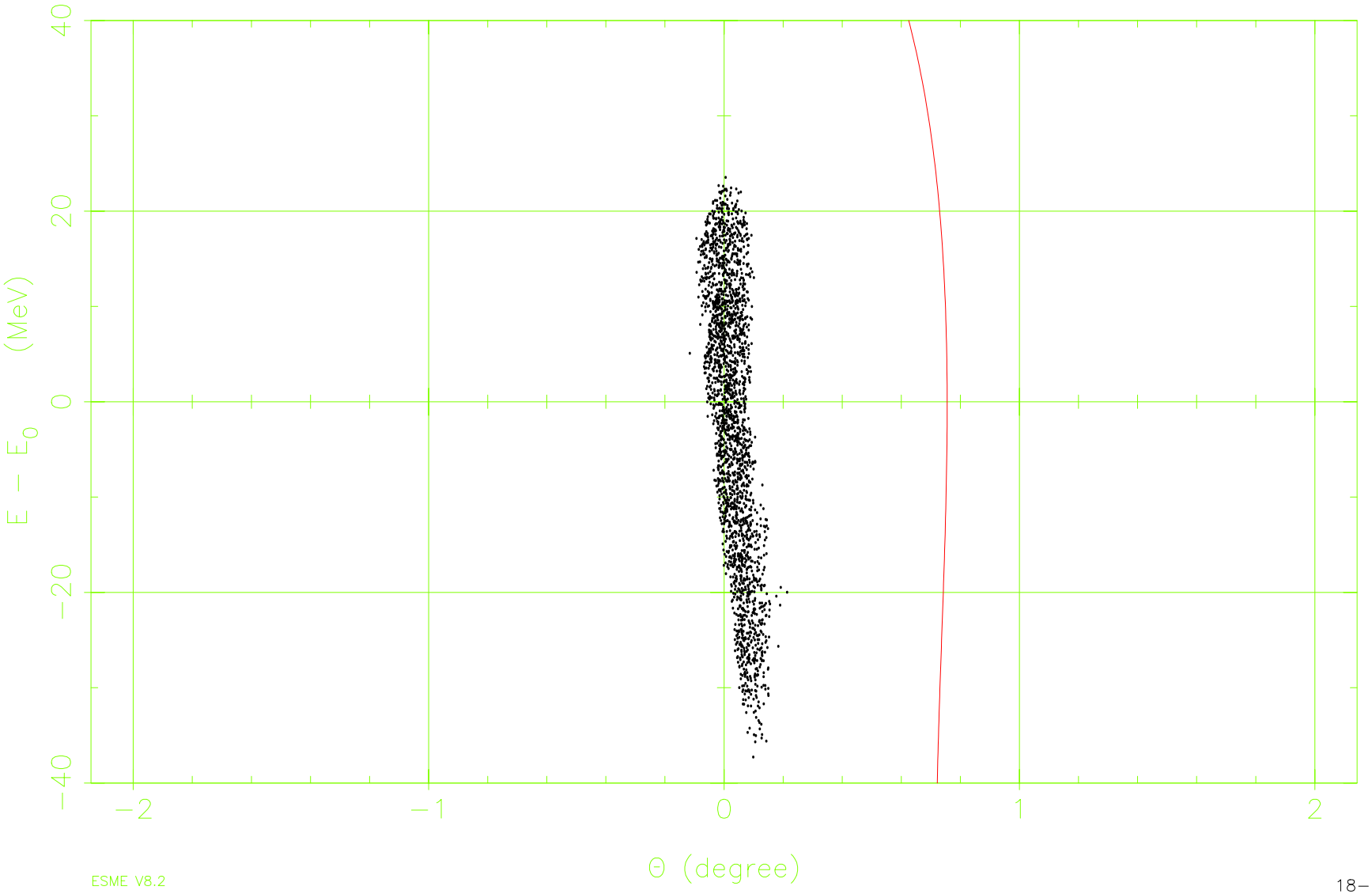
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 9510 1.701E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
9.4398E+01	0.0000E+00	5.1981E+03	84	8.500E−01	1.354E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
1.3514E−03	3.7725E+05	1.1349E−03			
τ (s)	S_b (eV s)	N			
1.6081E−06	4.7852E−02	21385			



ESME V8.2

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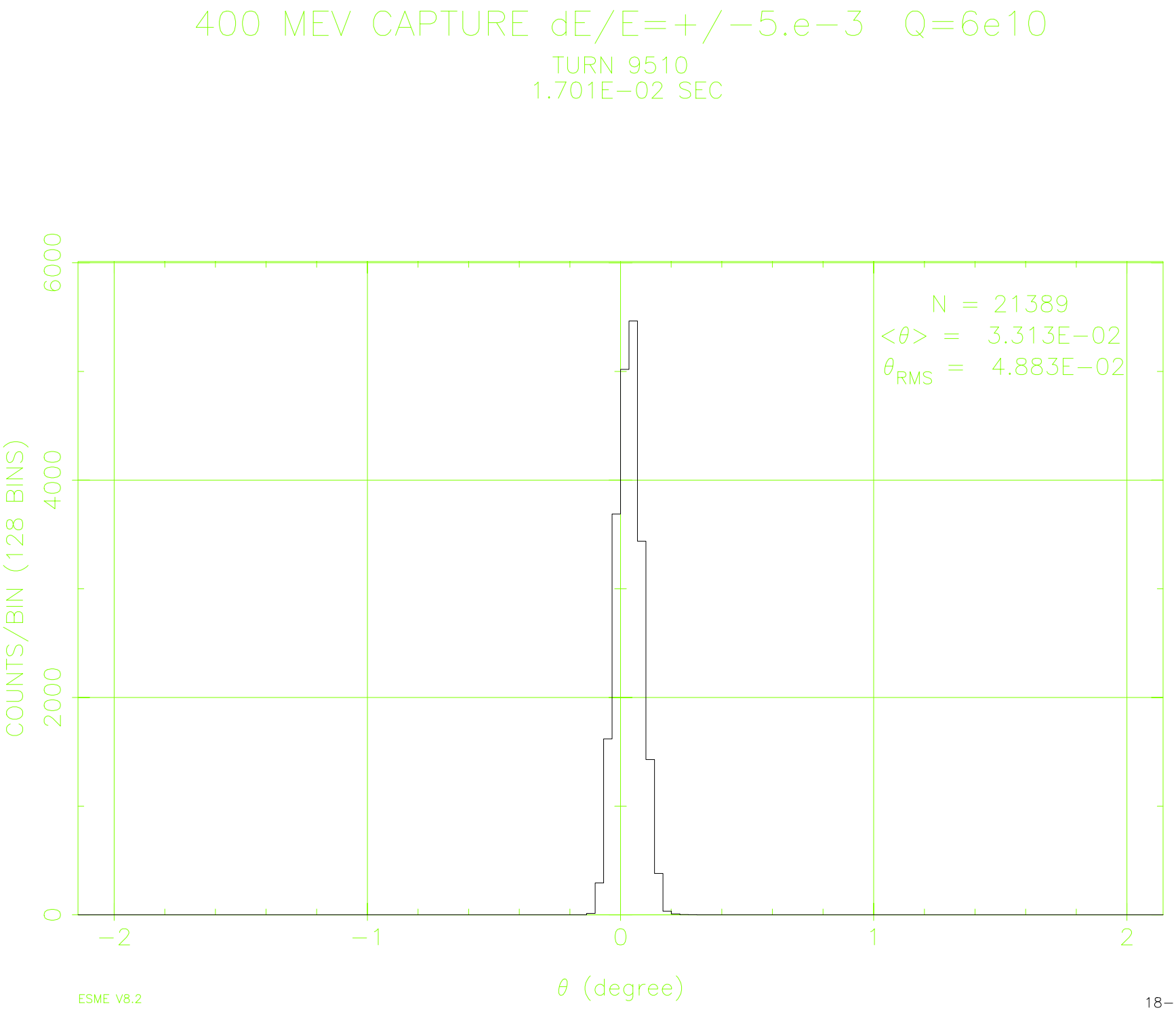

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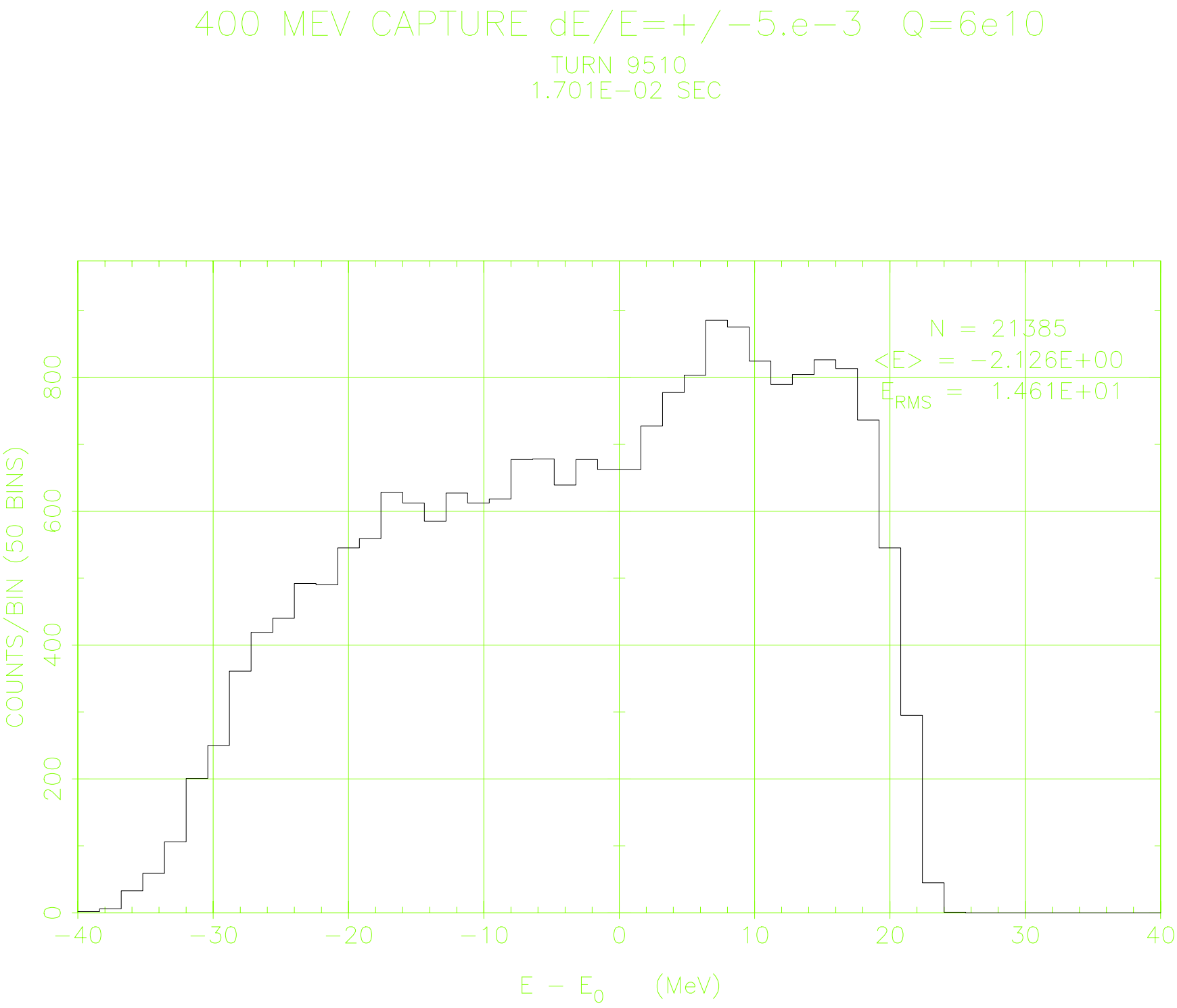
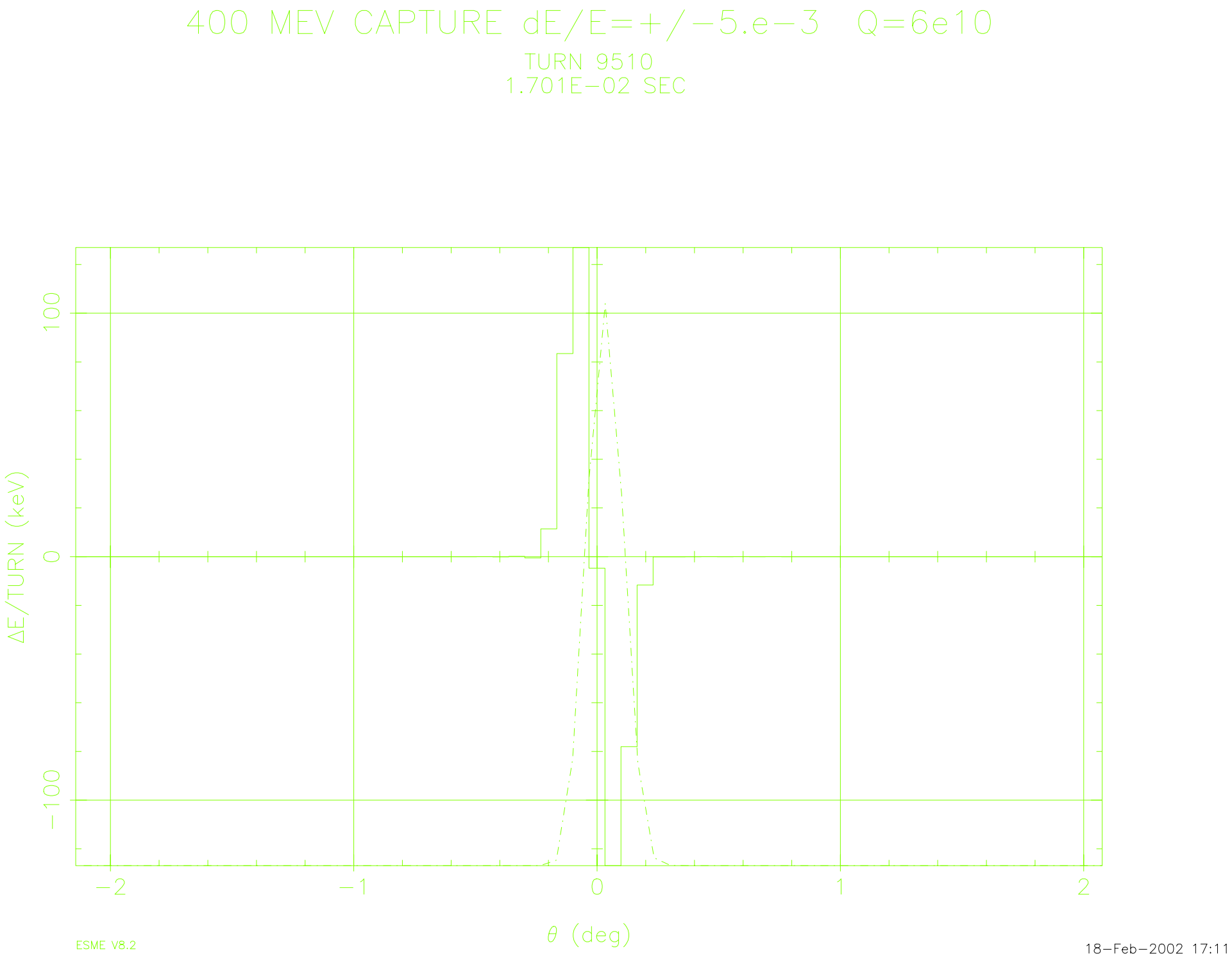

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 9510
1.701E-02 SEC
N = 21385
<E> = -2.126E+00
E_RMS = 1.461E+01
COUNTS/BIN (50 BINS)
0
200
400
600
800
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 9510
1.701E-02 SEC
100
0
-100
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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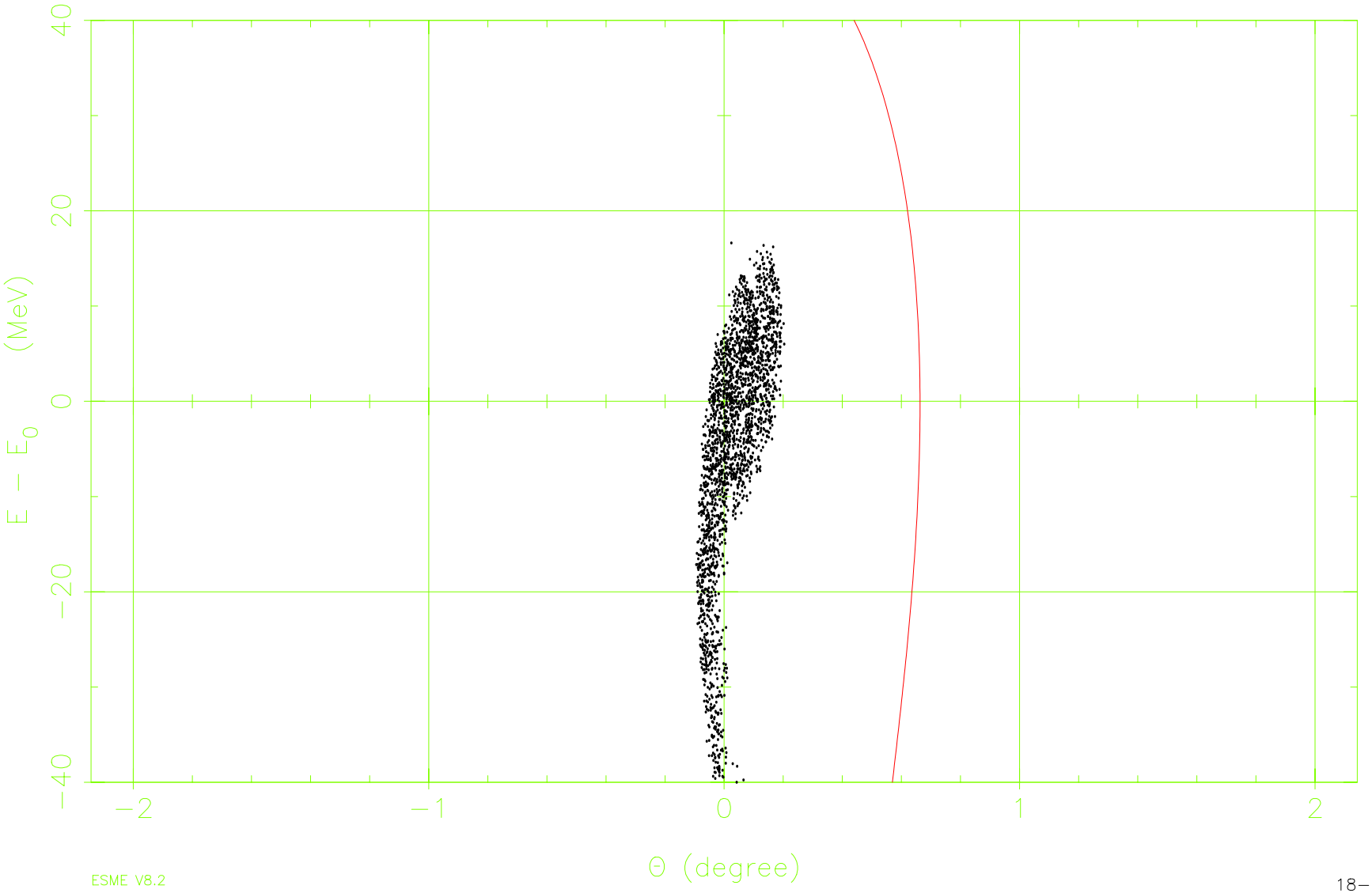
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 9600 1.715E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
1.0630E+02	0.0000E+00	5.2517E+03	84	8.500E−01	1.355E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
1.6922E−03	3.7696E+05	1.7976E−03			
τ (s)	S_b (eV s)	N			
1.6076E−06	5.7864E−02	21050			



ESME V8.2

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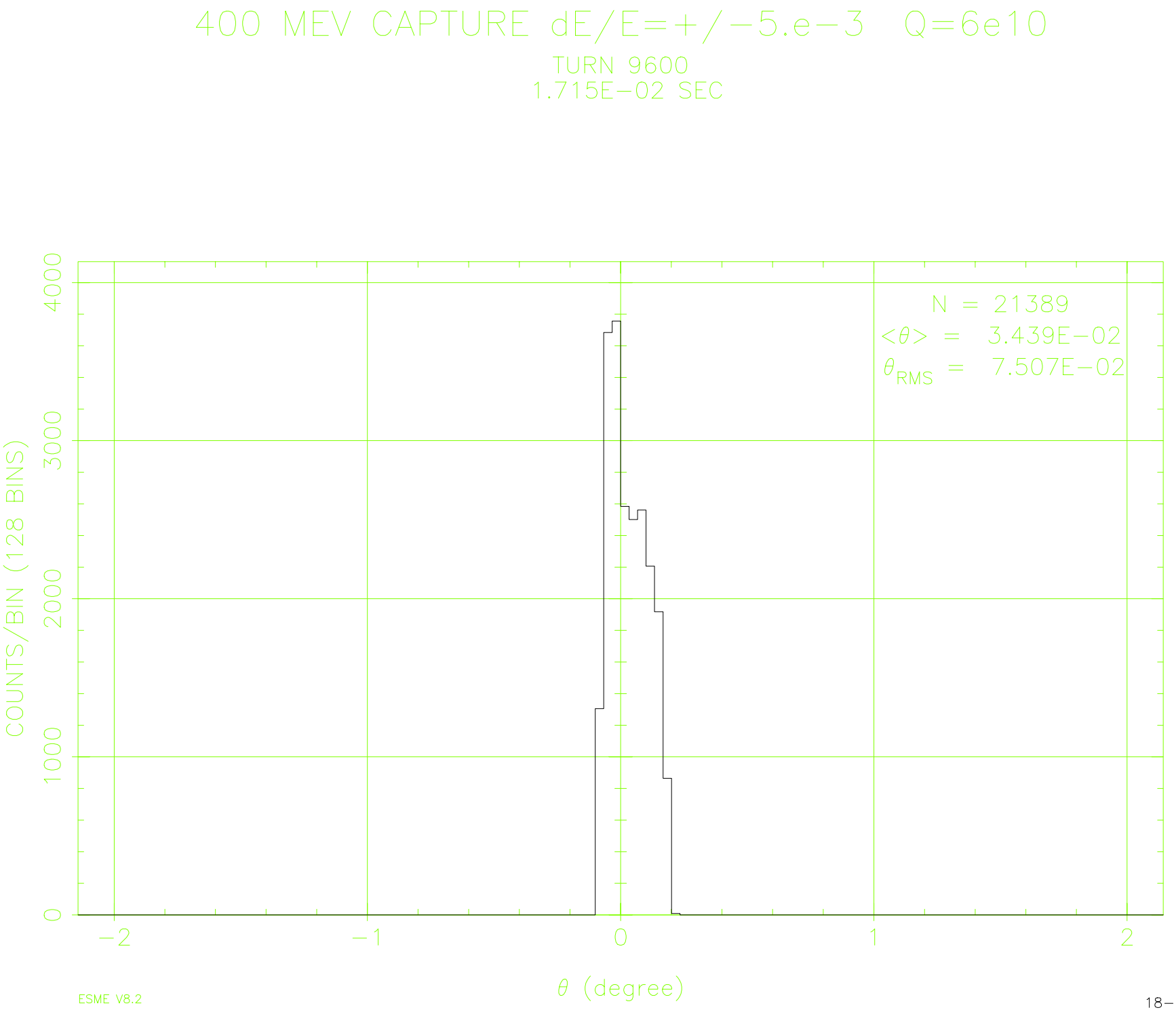

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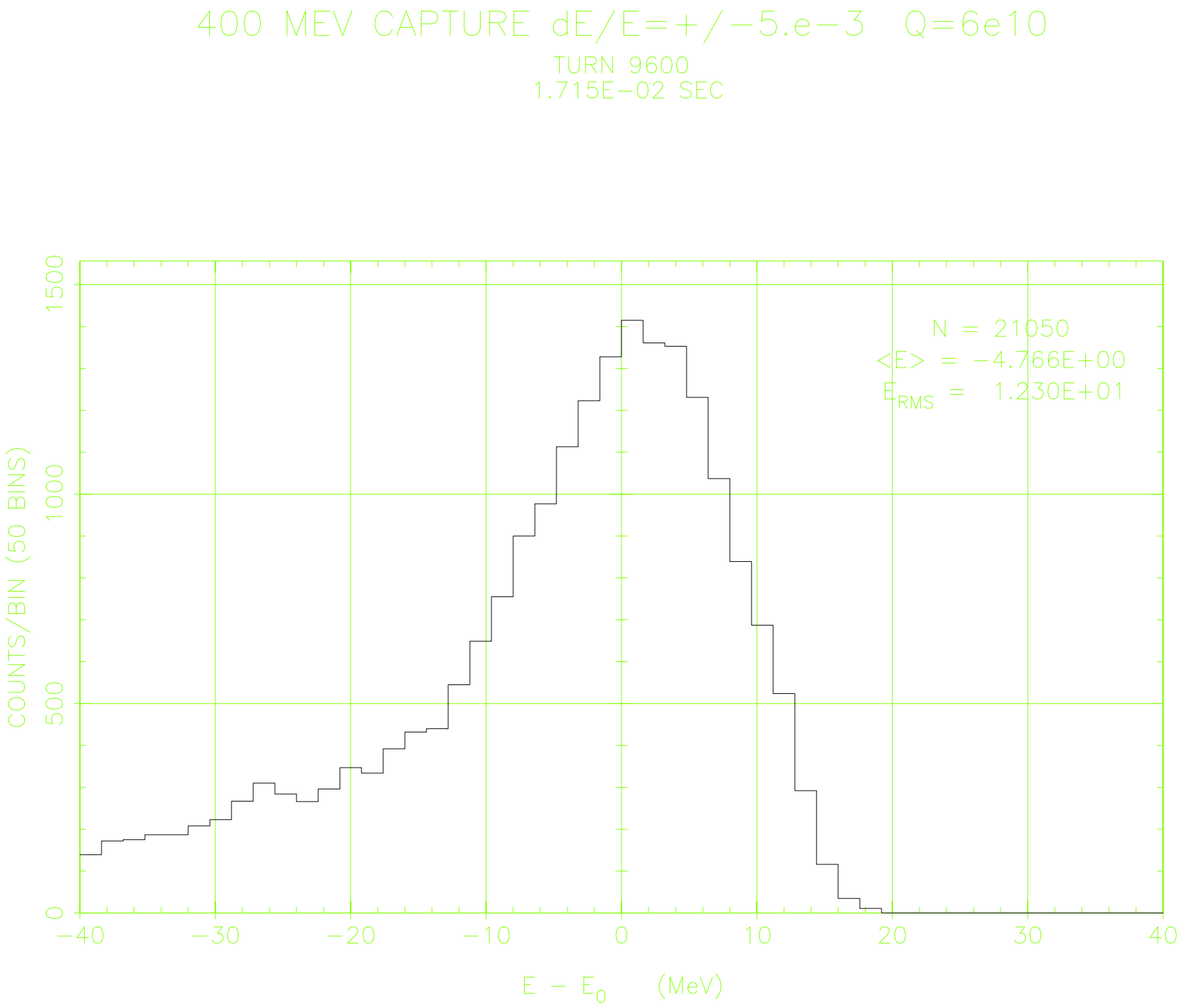
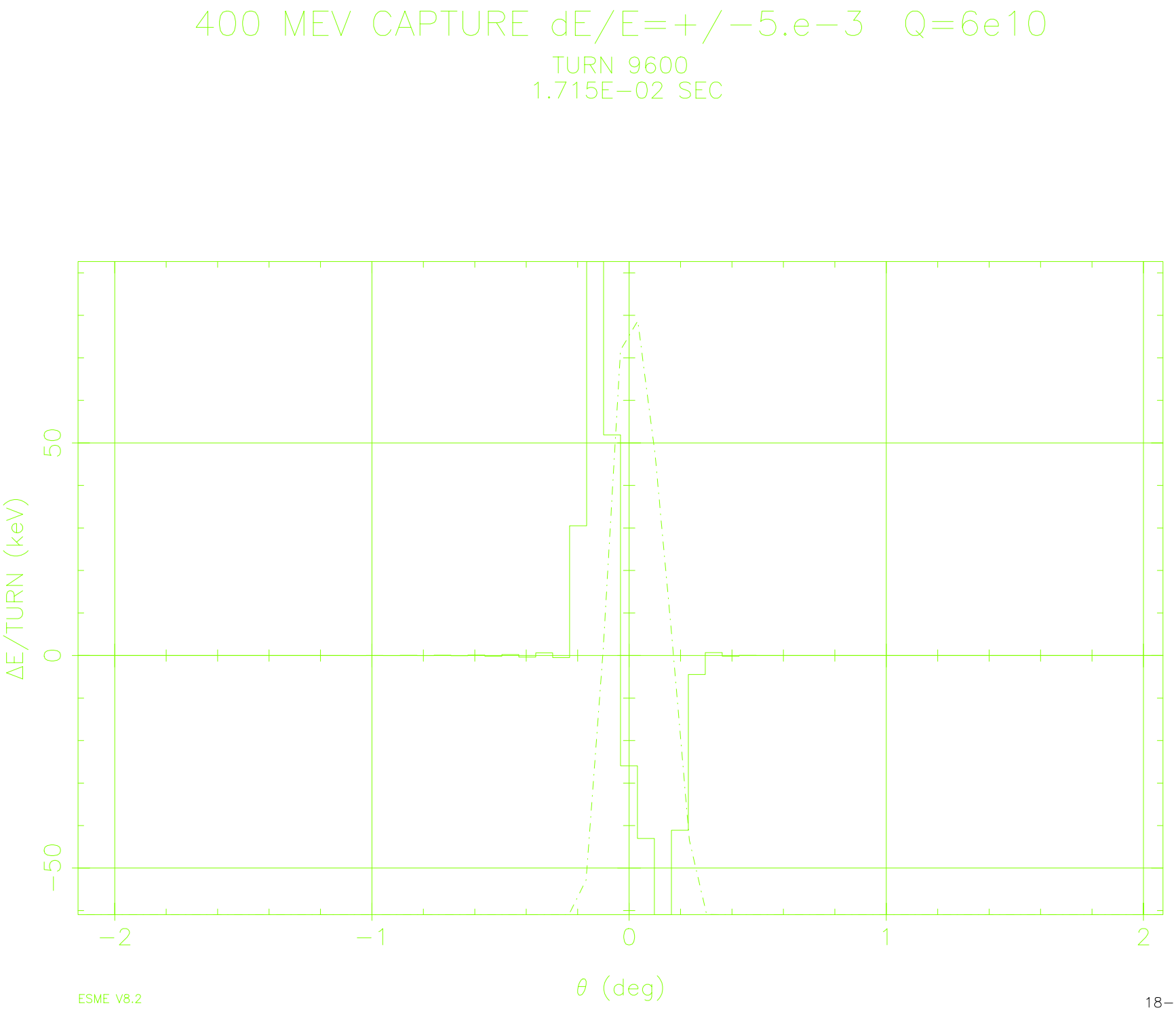

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 9600
1.715E-02 SEC
N = 21050
<E> = -4.766E+00
E_RMS = 1.230E+01
COUNTS/BIN (50 BINS)
0
500
1000
1500
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 9600
1.715E-02 SEC
ΔE/TURN (keV)
50
0
-50
-2
-1
0
1
2
θ (deg)
ESME V8.2
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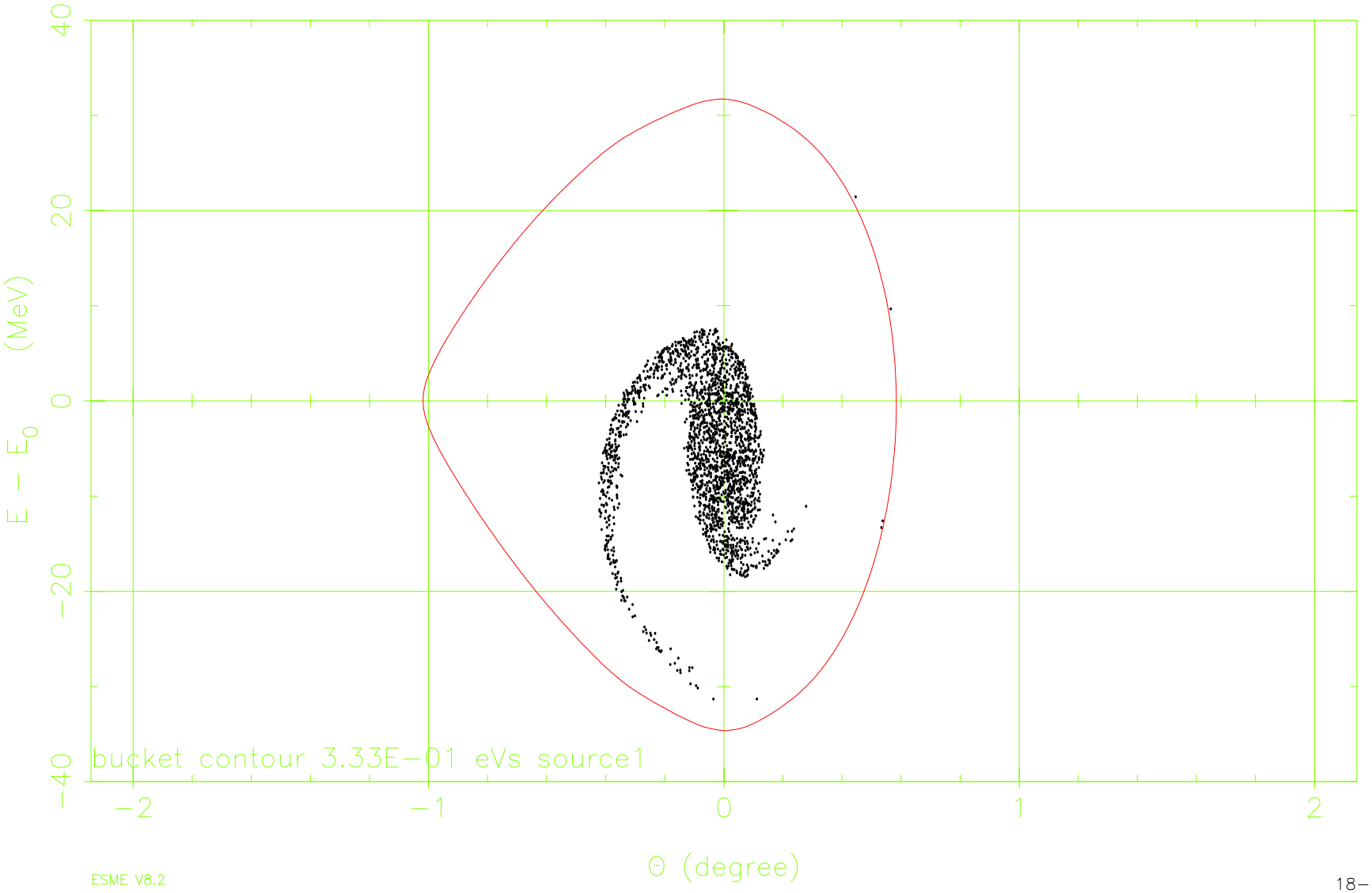
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 10133 1.801E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.3193E+01	3.3303E−01	5.5684E+03	84	8.500E−01	1.359E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
2.8345E−03	3.7381E+05	5.3246E−03			
τ (s)	S_b (eV s)	N			
1.6047E−06	8.5680E−02	21380			



ESME V8.2

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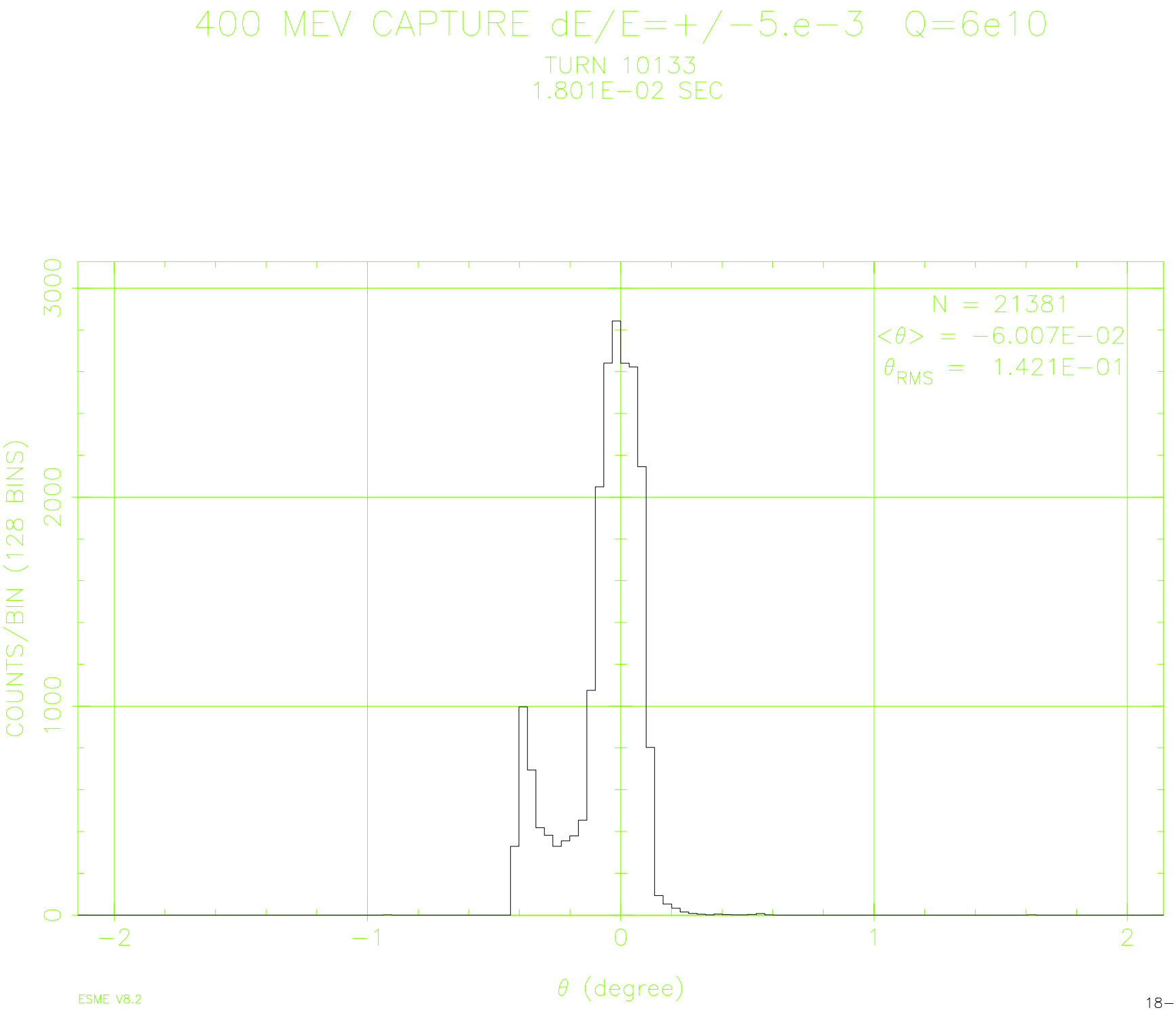

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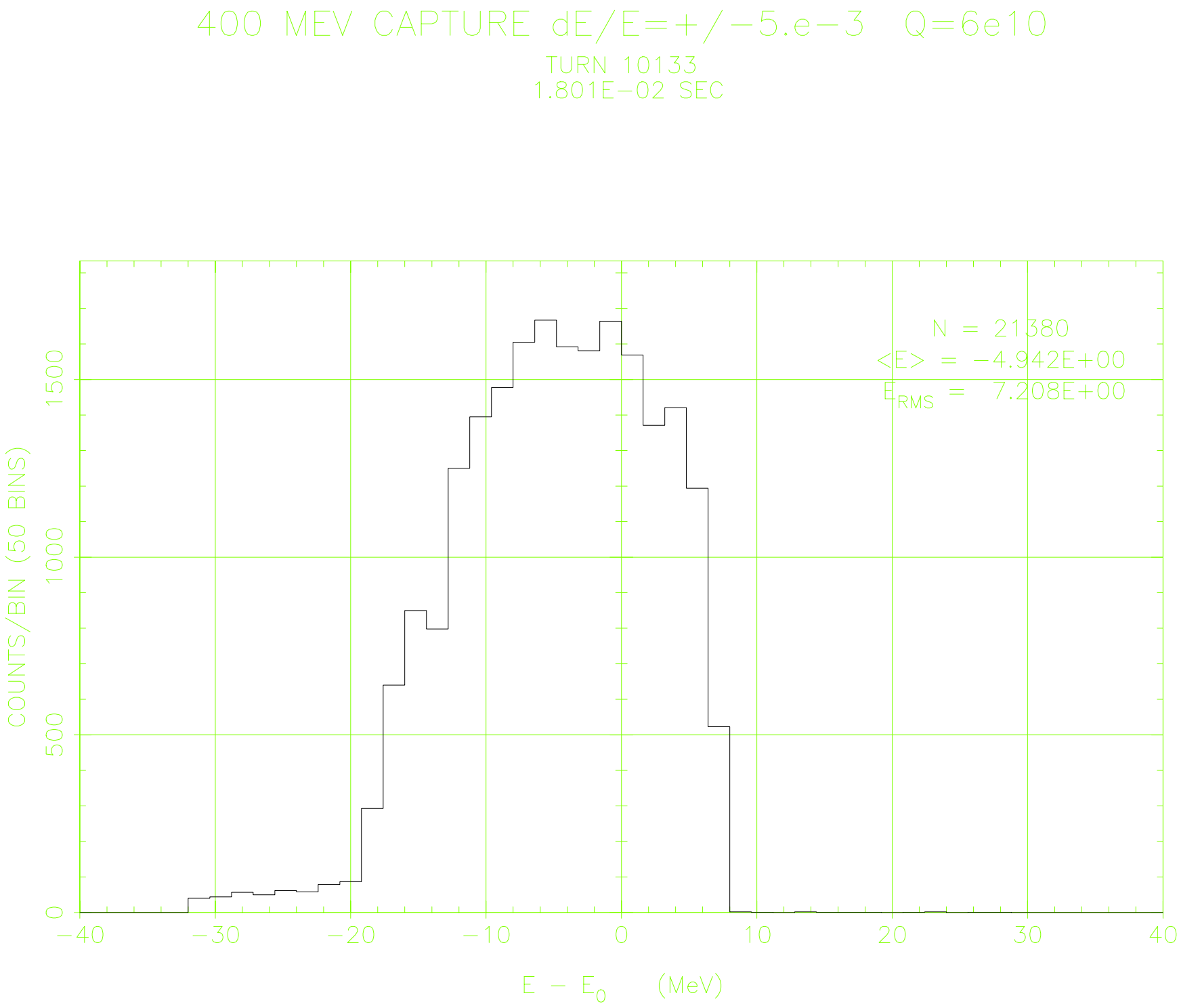
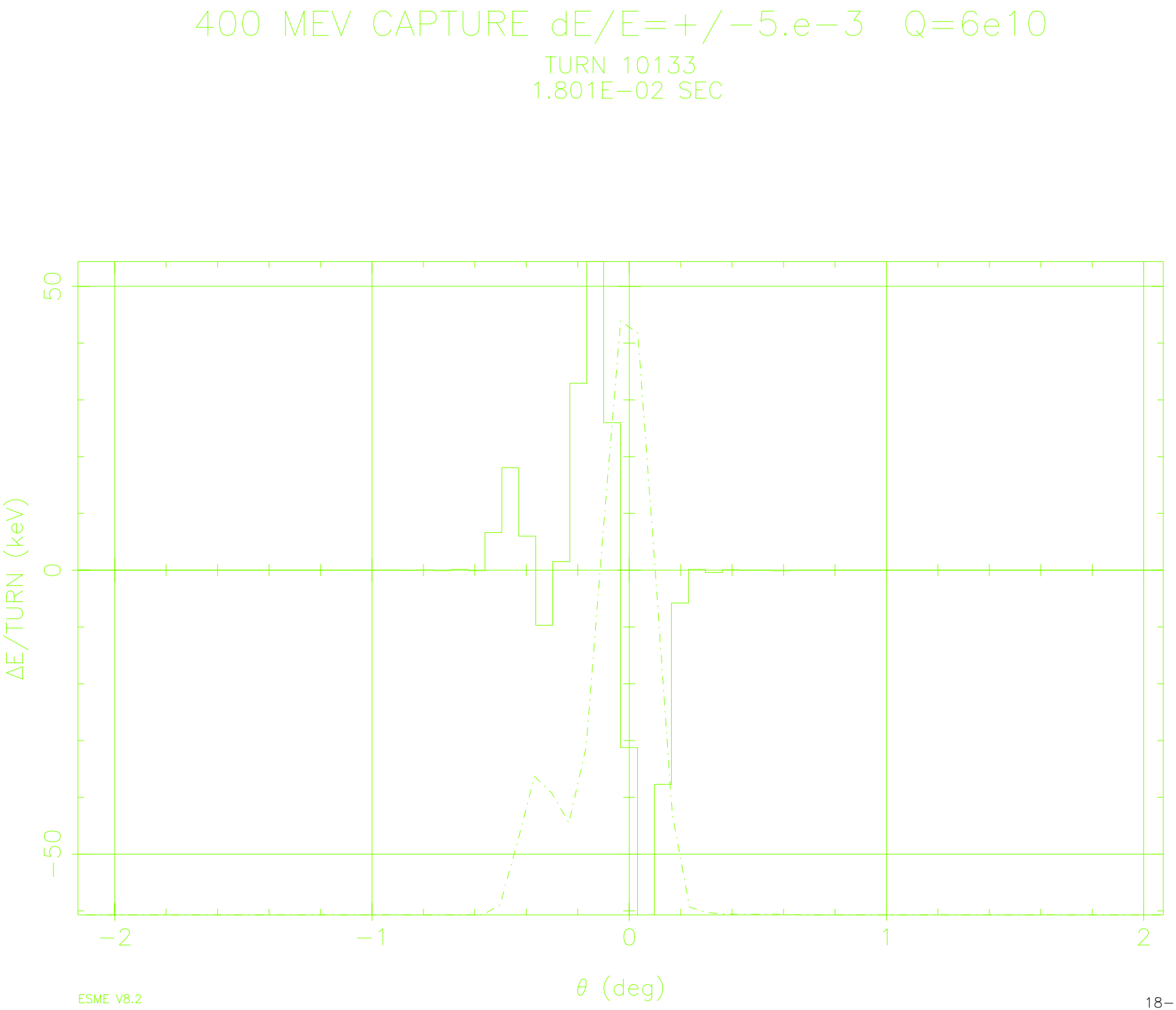
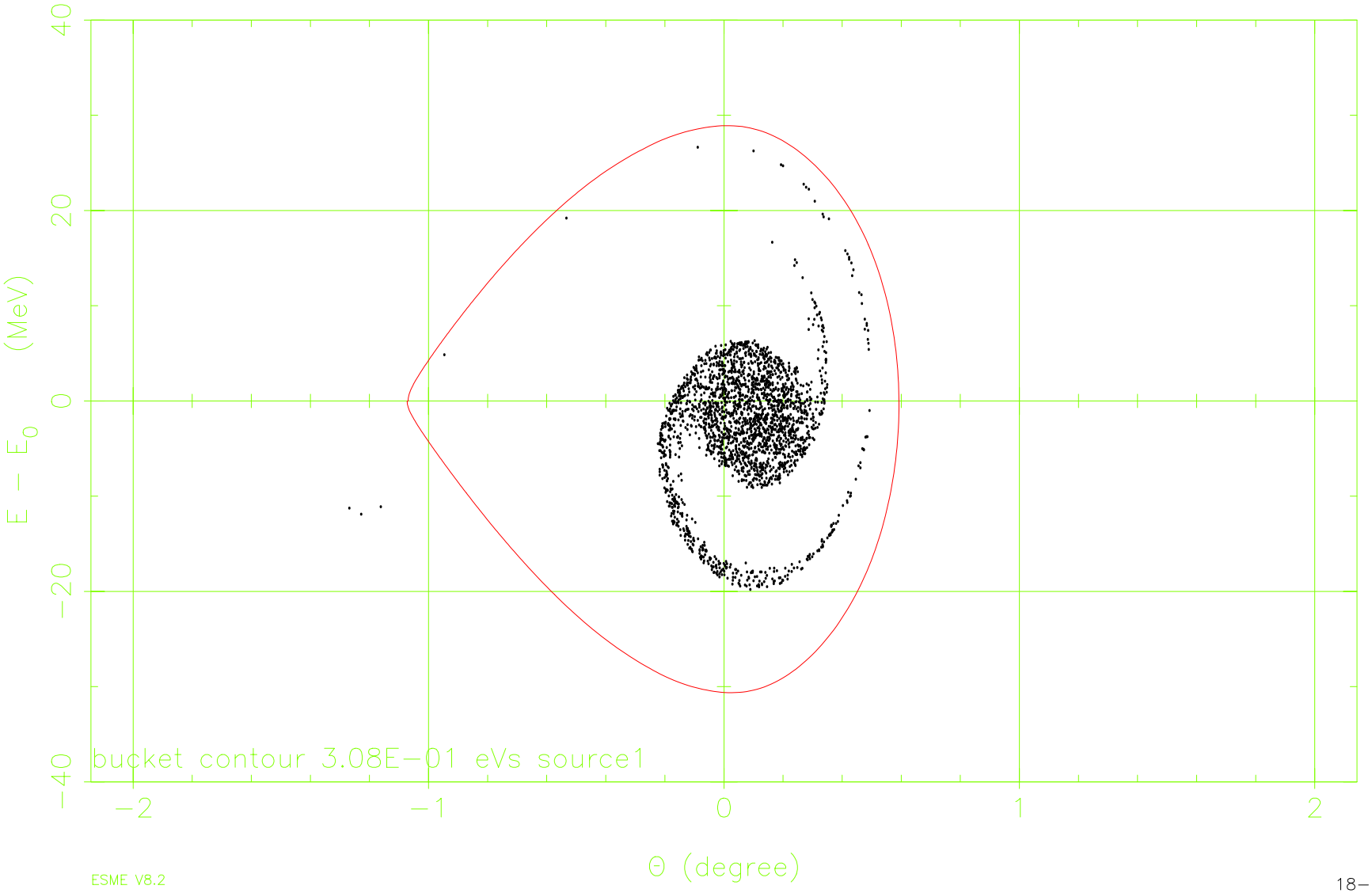

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 10133
1.801E-02 SEC
N = 21380
<E> = -4.942E+00
E_RMS = 7.208E+00
COUNTS/BIN (50 BINS)
0
500
1000
1500
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 10133
1.801E-02 SEC
50
0
-50
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:12

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 10400 1.843E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.9772E+01	3.0773E−01	5.7258E+03	84	8.500E−01	1.363E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.1811E−03	3.7130E+05	6.8637E−03			
τ (s)	S_b (eV s)	N			
1.6034E−06	8.2231E−02	21380			



ESME V8.2

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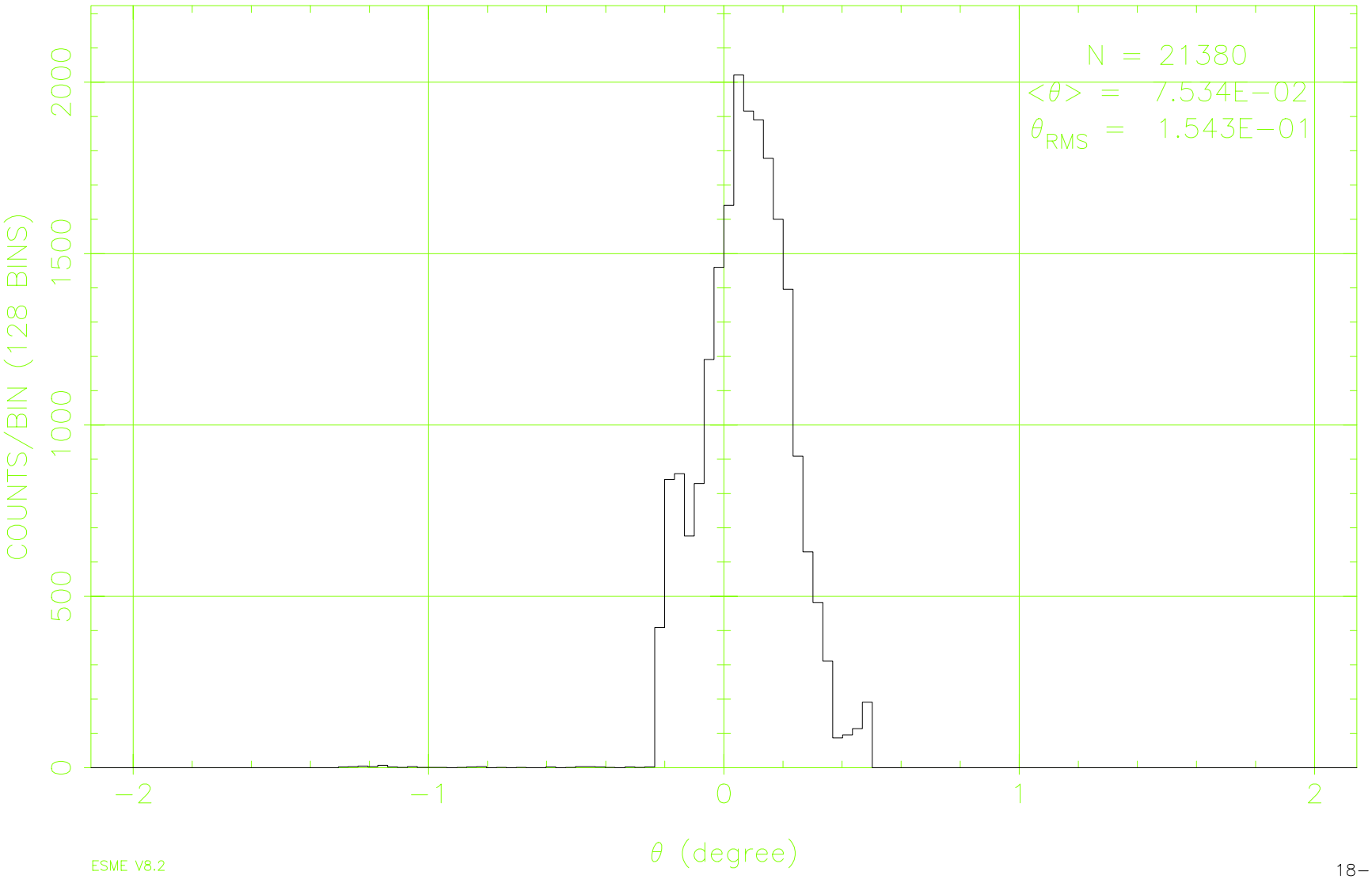
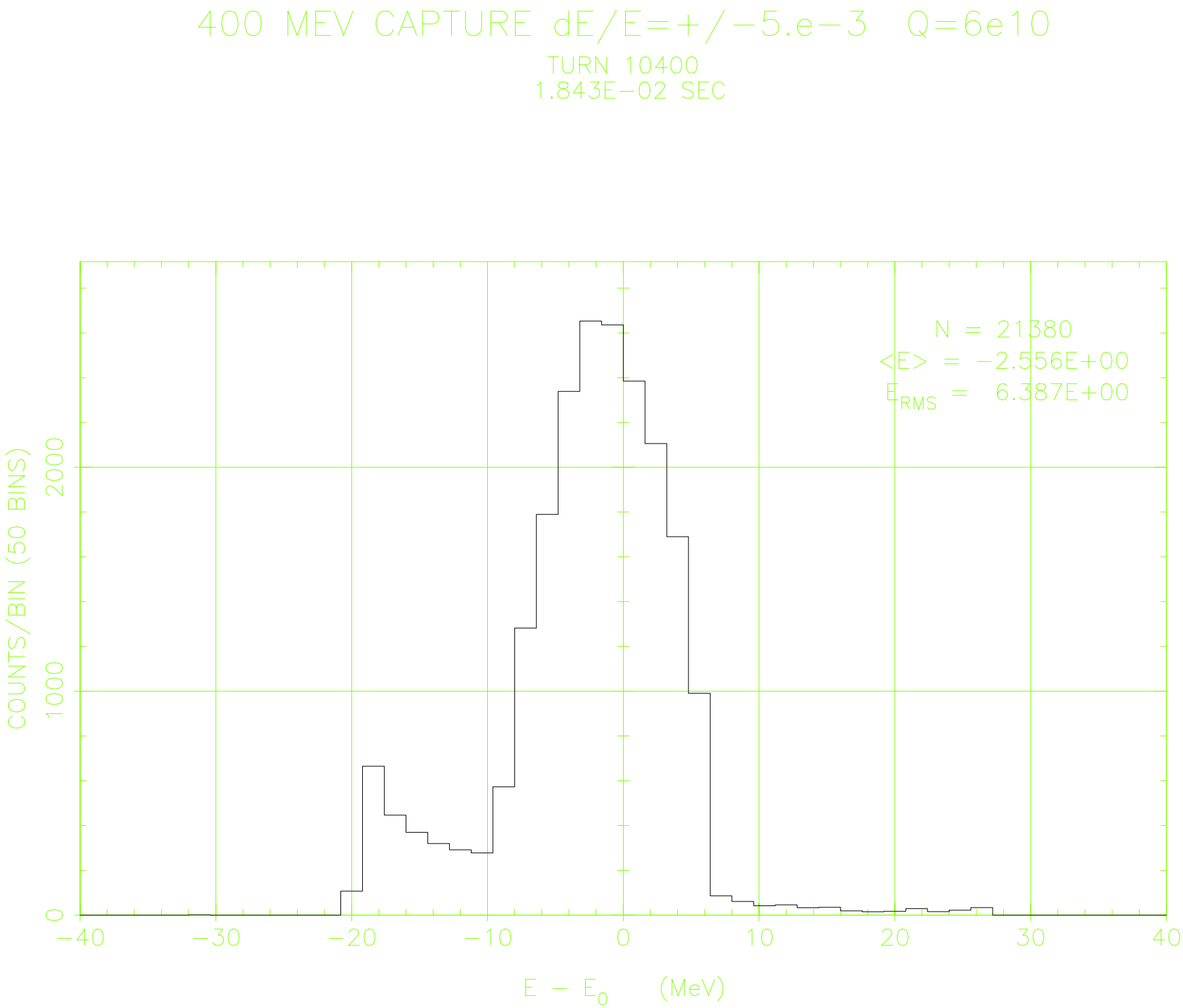
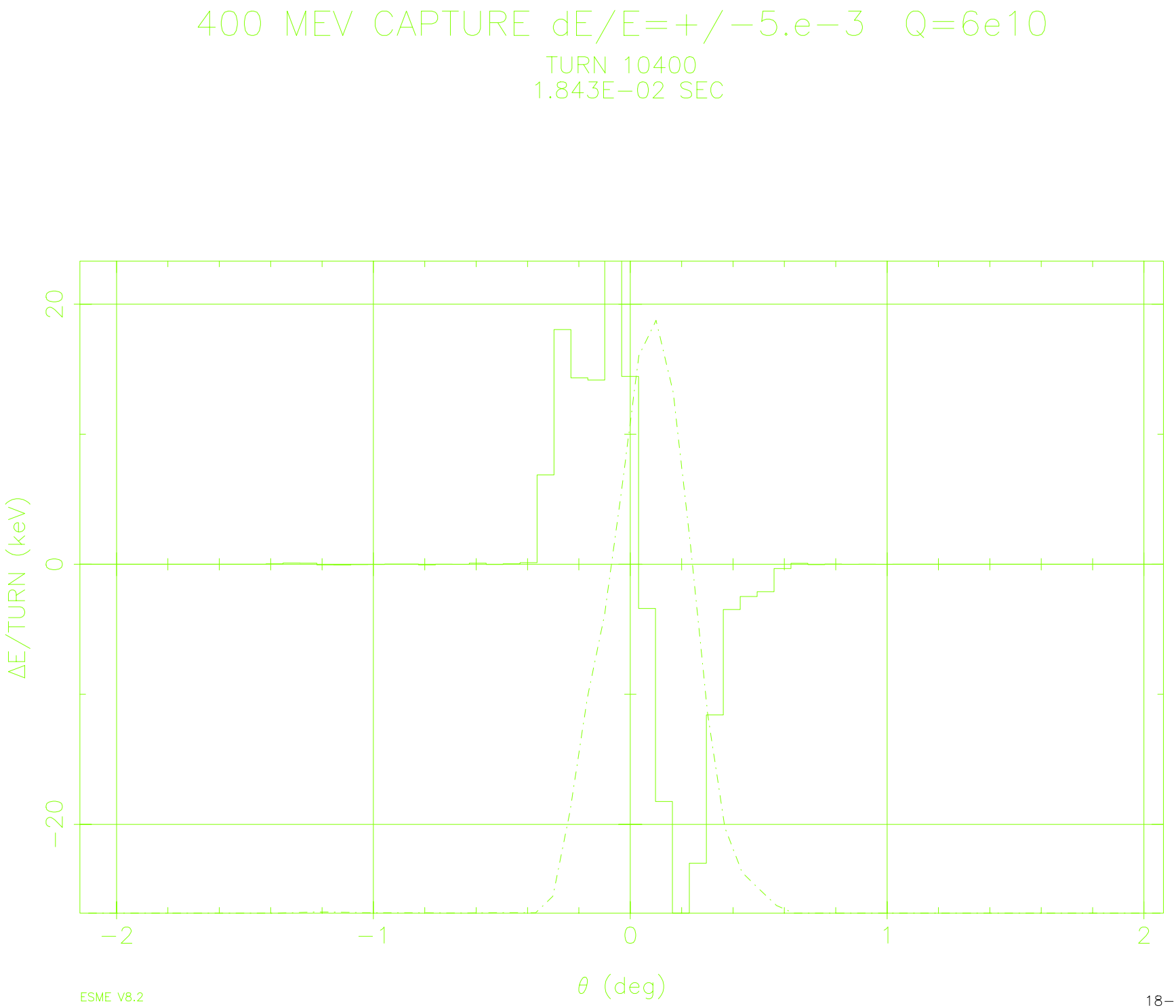

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 10400
1.843E-02 SEC
N = 21380
<θ> = 7.534E-02
θRMS = 1.543E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
2000
-2
-1
0
1
2
θ (degree)
ESME V8.2
18-Feb-2002 17:12

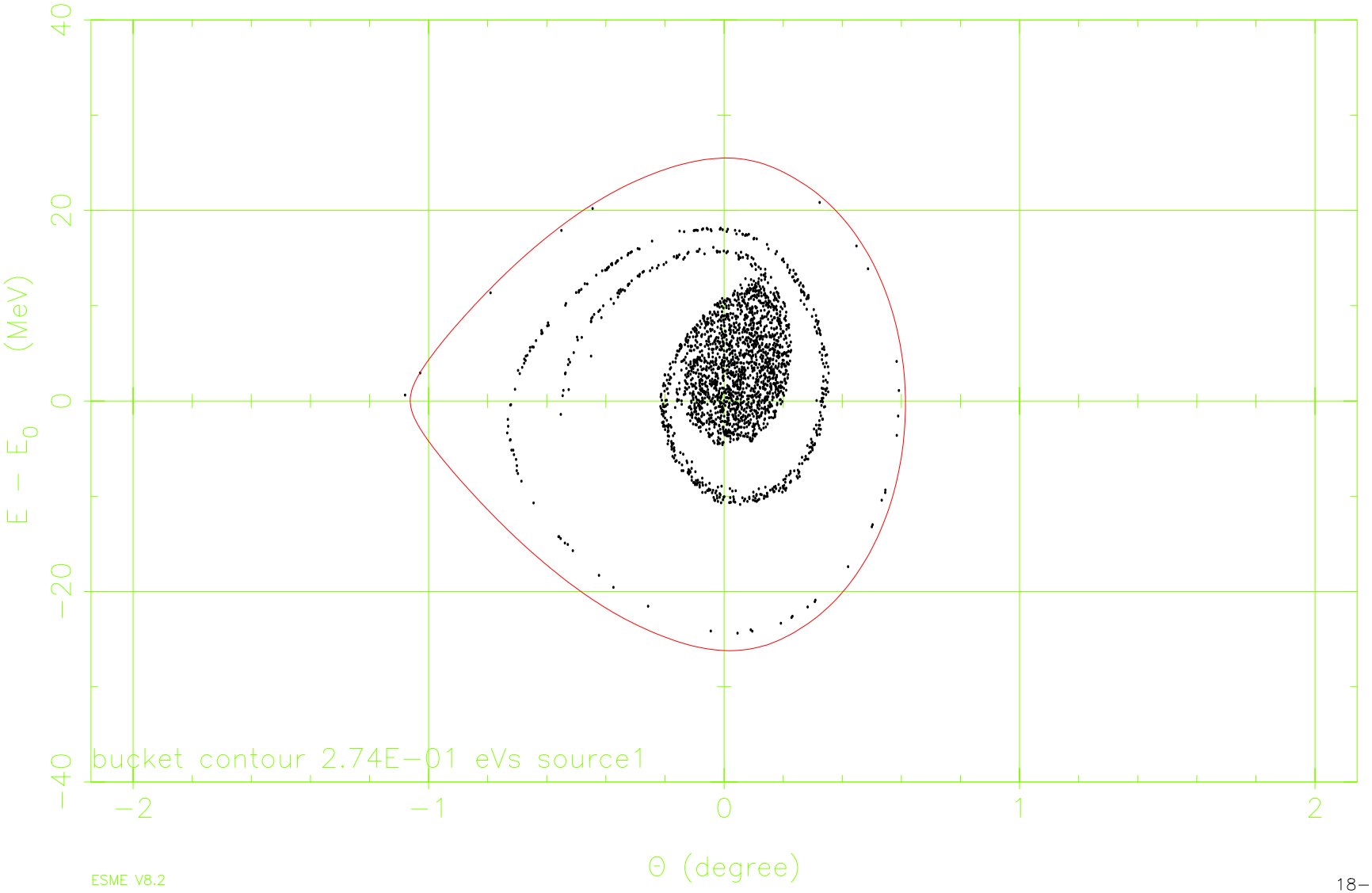

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 10400
1.843E-02 SEC
N = 21380
<E> = -2.556E+00
E_RMS = 6.387E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 10400
1.843E-02 SEC
20
0
-20
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:12

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 11200 1.972E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.5859E+01	2.7358E−01	6.1891E+03	84	8.500E−01	1.379E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.8694E−03	3.6013E+05	1.0734E−02			
τ (s)	S_b (eV s)	N			
1.6002E−06	9.4376E−02	21342			



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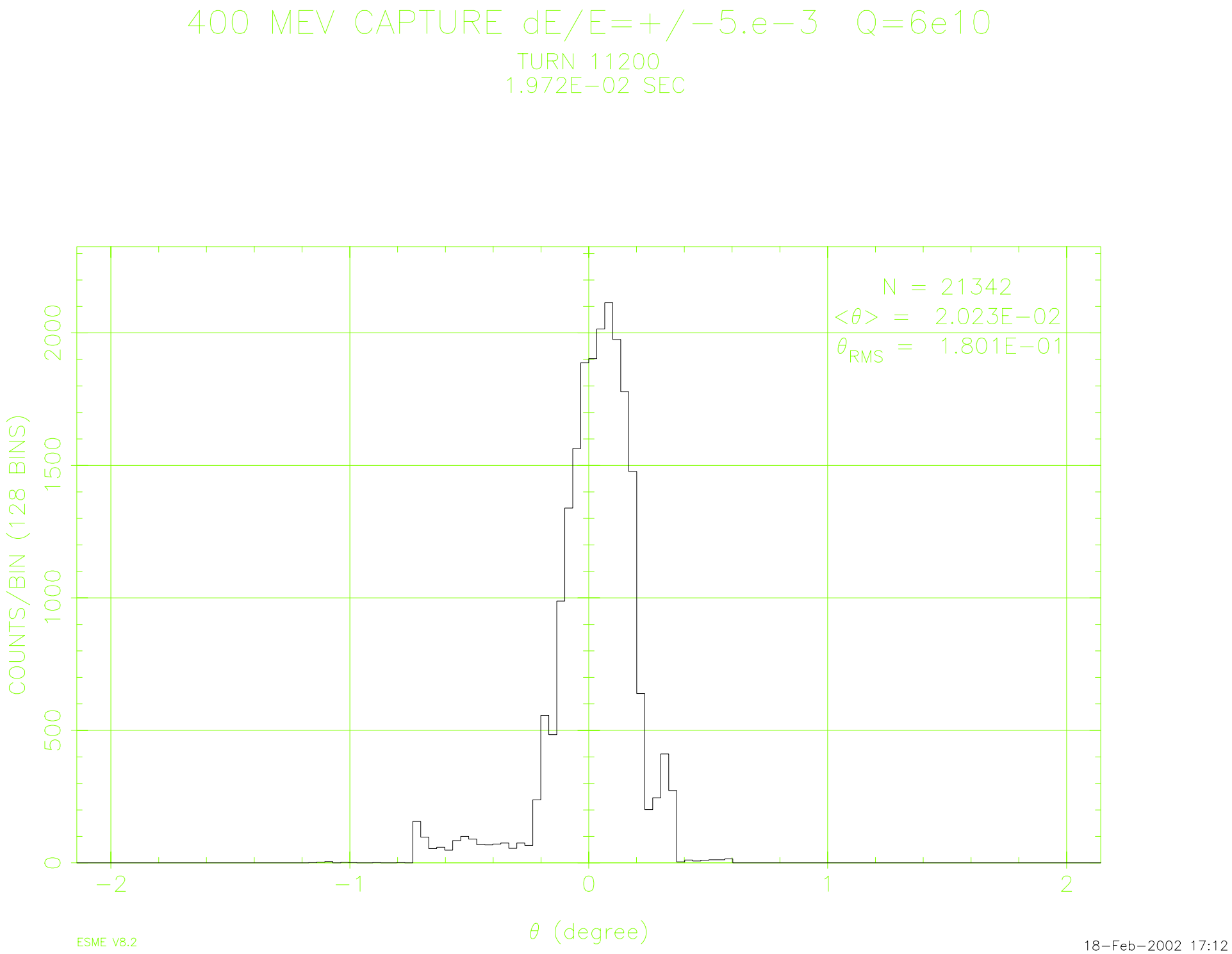
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 11200
1.972E-02 SEC
N = 21342
<θ> = 2.023E-02
θRMS = 1.801E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
2000
-2
-1
0
1
2
θ (degree)
ESME V8.2
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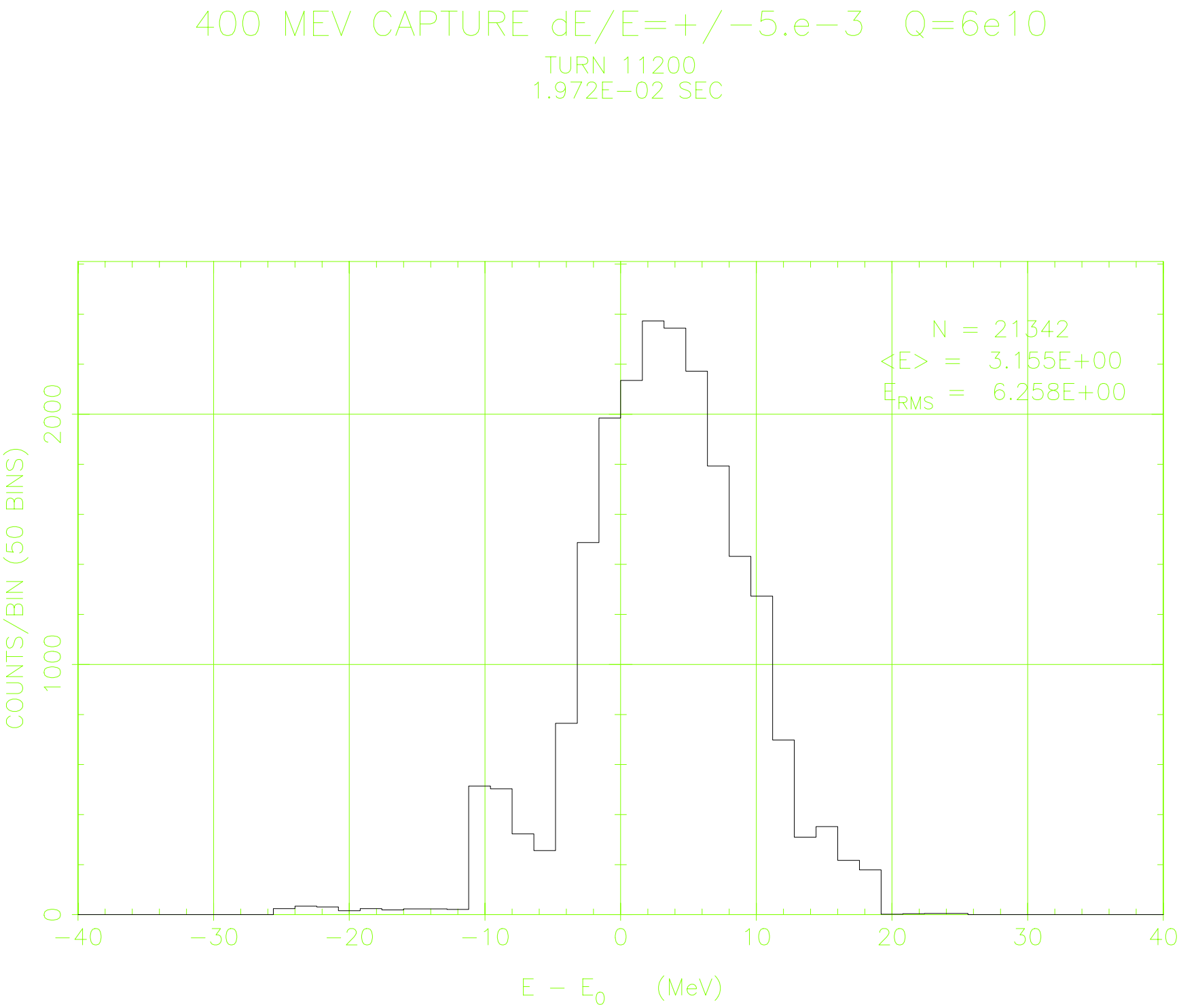
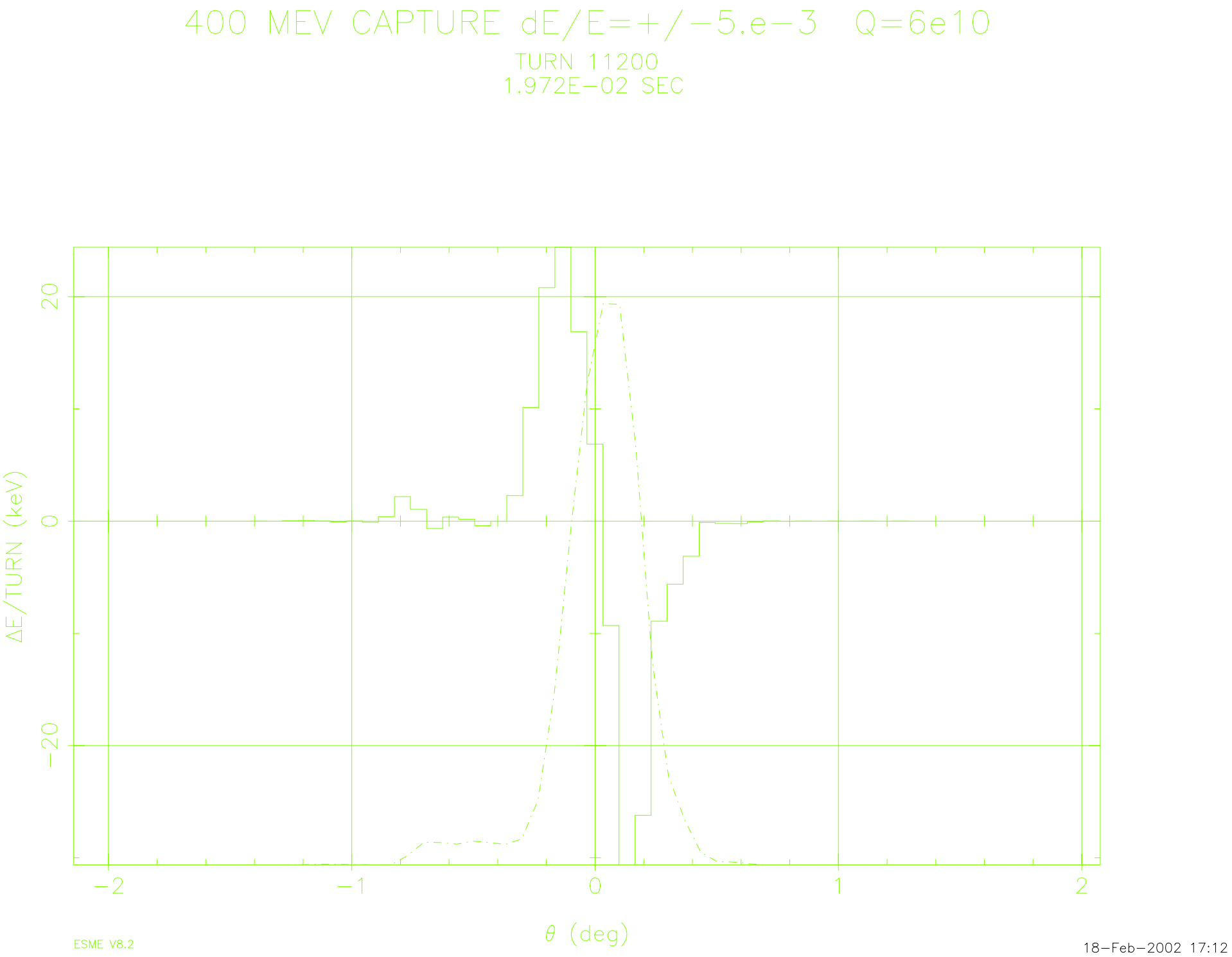

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 11200
1.972E-02 SEC
N = 21342
<E> = 3.155E+00
E_RMS = 6.258E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 11200
1.972E-02 SEC
20
0
-20
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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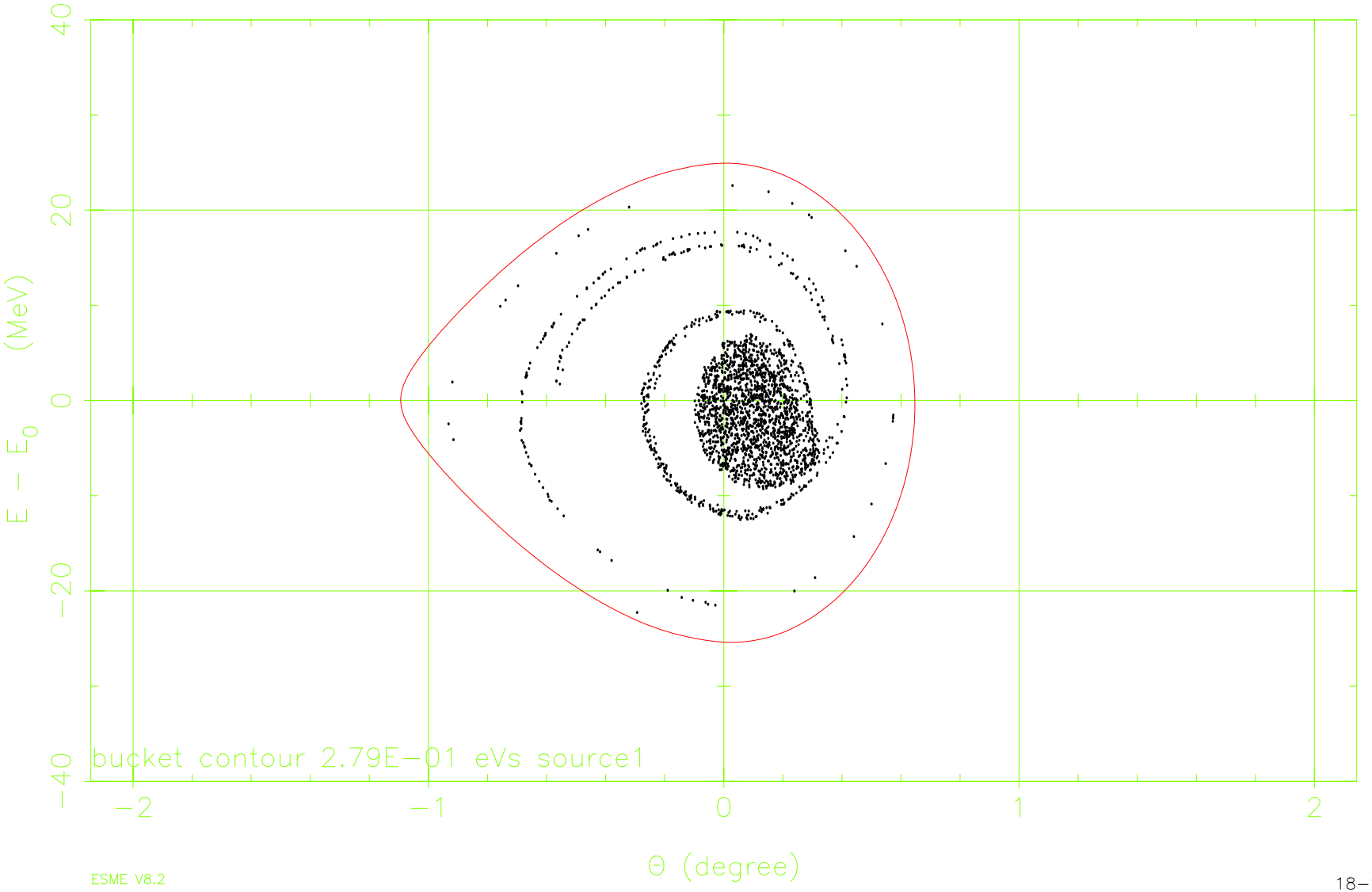
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 12000 2.099E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.5165E+01	2.7873E−01	6.6349E+03	84	8.500E−01	1.402E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.2934E−03	3.4363E+05	1.3718E−02			
τ (s)	S_b (eV s)	N			
1.5978E−06	9.7494E−02	21338			



ESME V8.2

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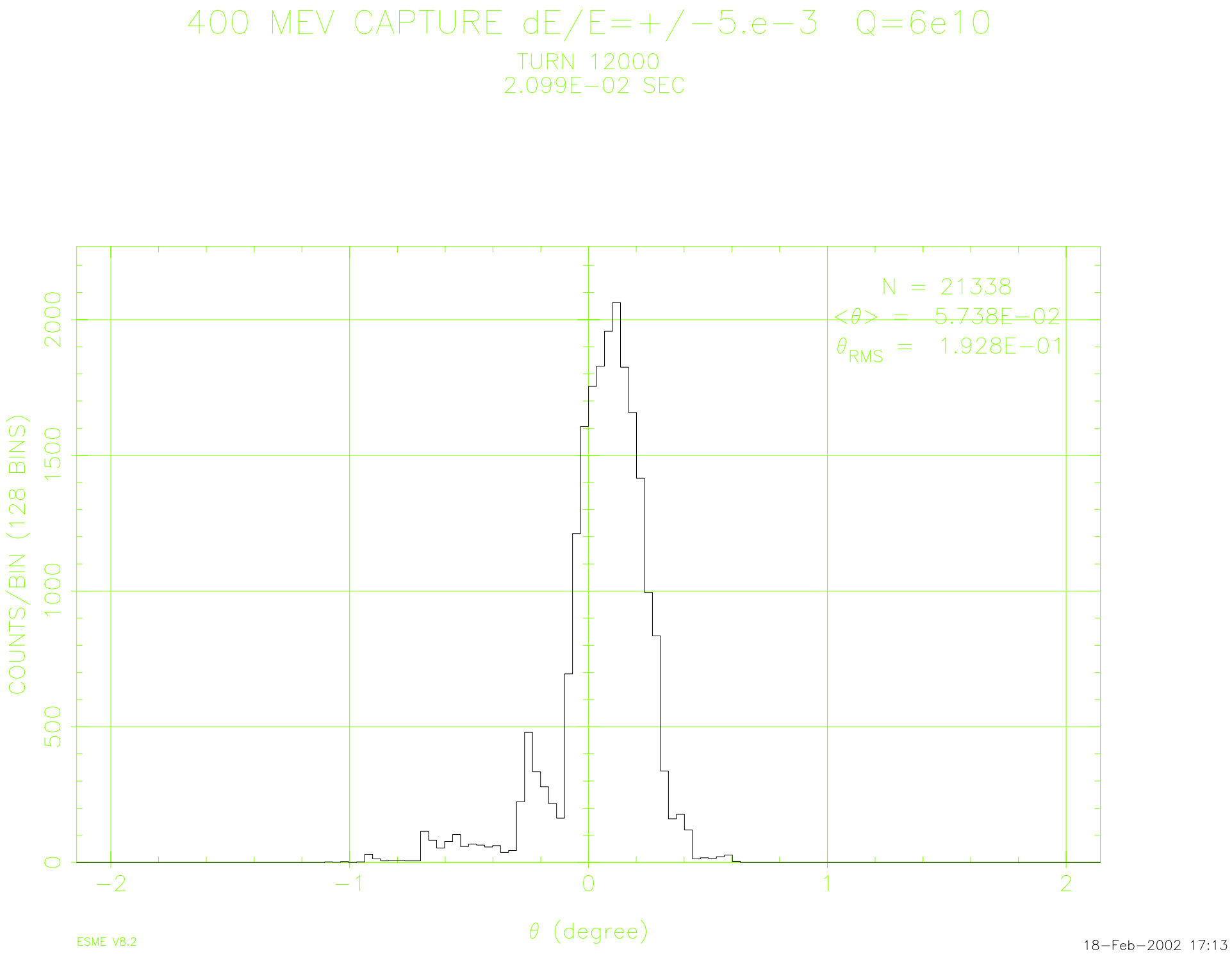
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 12000
2.099E-02 SEC
N = 21338
<θ> = 5.738E-02
θRMS = 1.928E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
2000
-2
-1
0
1
2
θ (degree)
ESME V8.2
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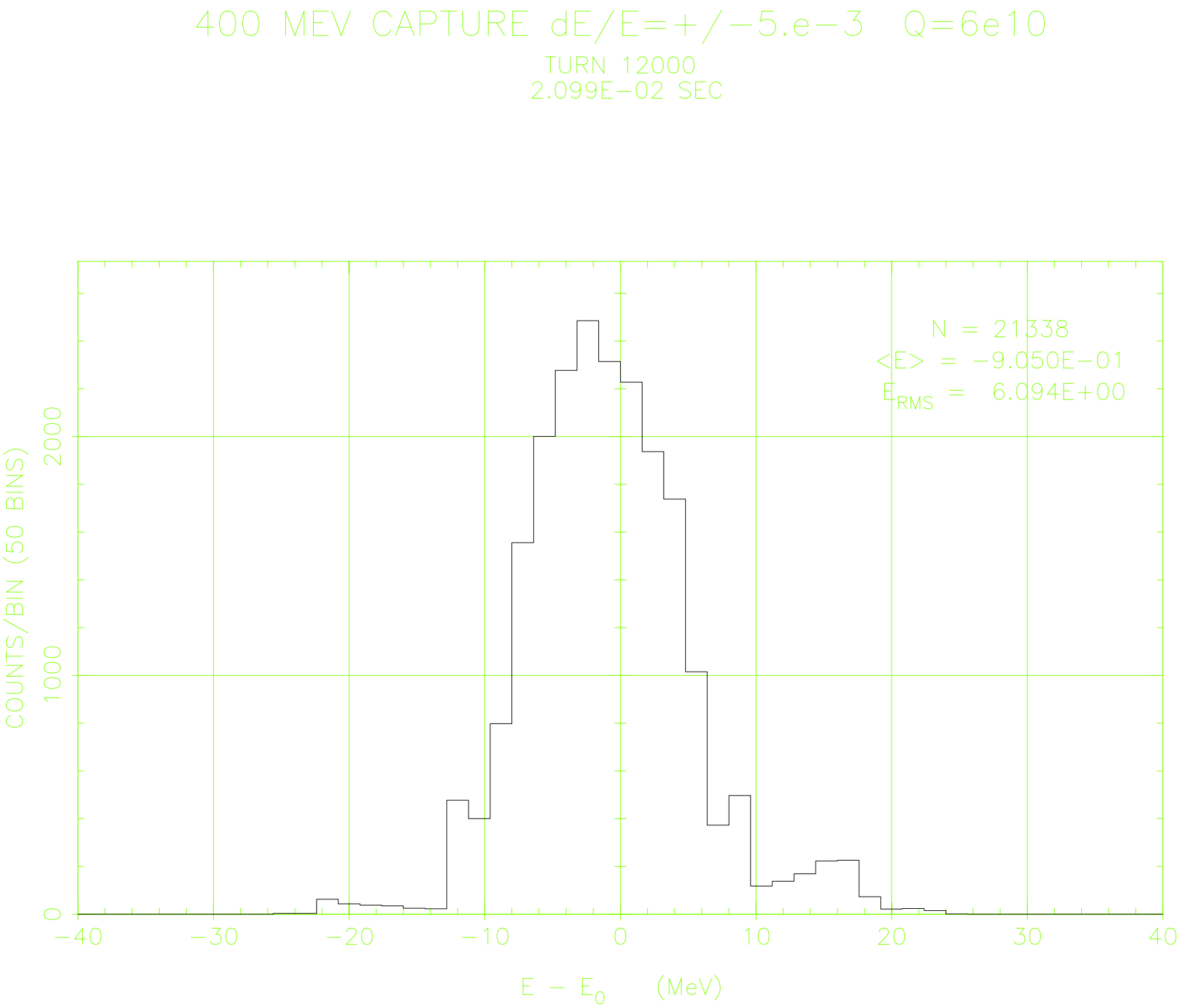
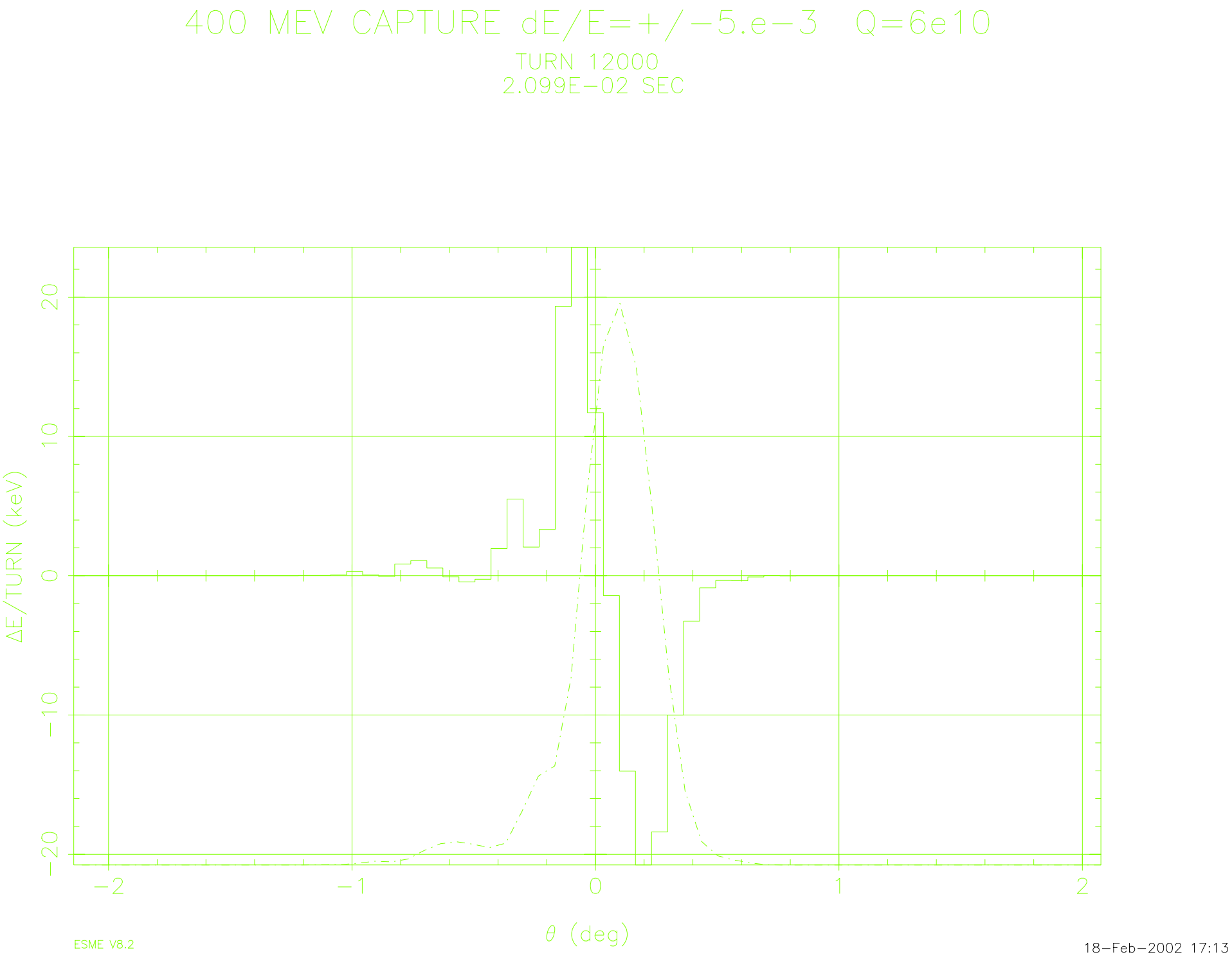

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 12000
2.099E-02 SEC
N = 21338
<E> = -9.050E-01
E_RMS = 6.094E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 12000
2.099E-02 SEC
ΔE/TURN (keV)
20
10
0
-10
-20
-2
-1
0
1
2
θ (deg)
ESME V8.2
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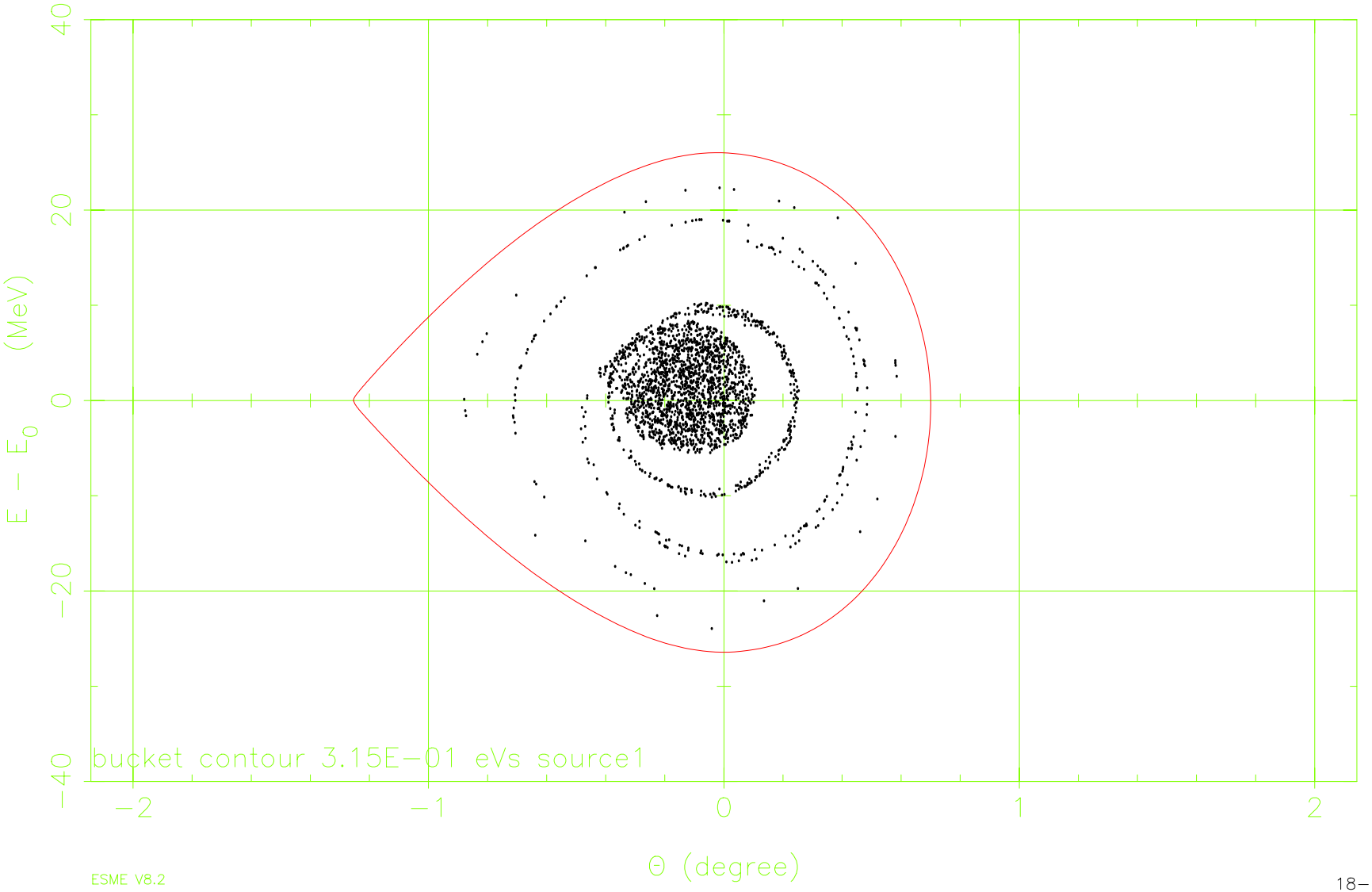
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 12800 2.227E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.6223E+01	3.1530E−01	7.0566E+03	84	8.500E−01	1.432E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.5875E−03	3.2208E+05	1.6037E−02			
τ (s)	S_b (eV s)	N			
1.5959E−06	9.1724E−02	21338			



ESME V8.2

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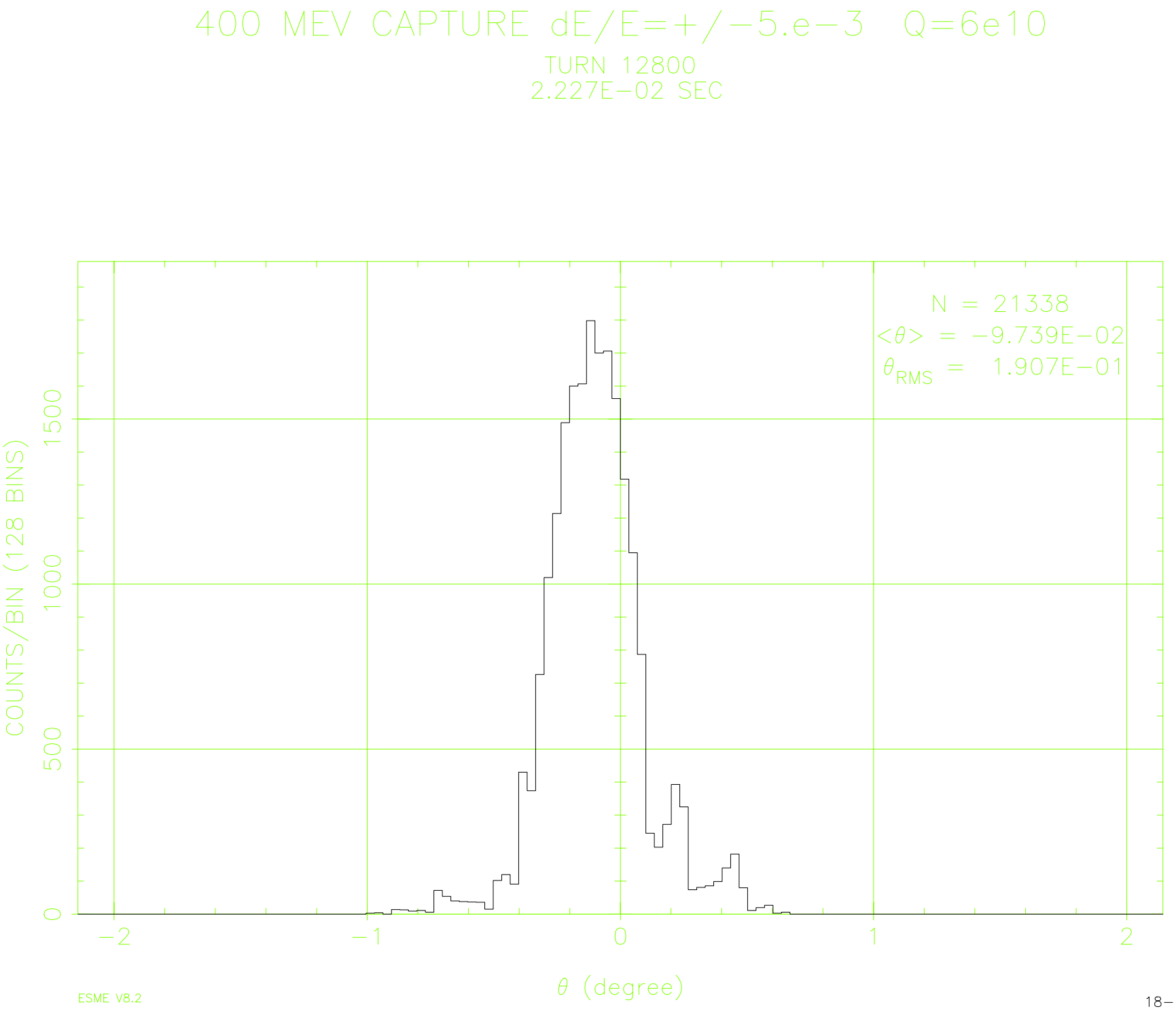
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 12800
2.227E-02 SEC
N = 21338
<θ> = -9.739E-02
θRMS = 1.907E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
-2
-1
0
1
2
θ (degree)
ESME V8.2
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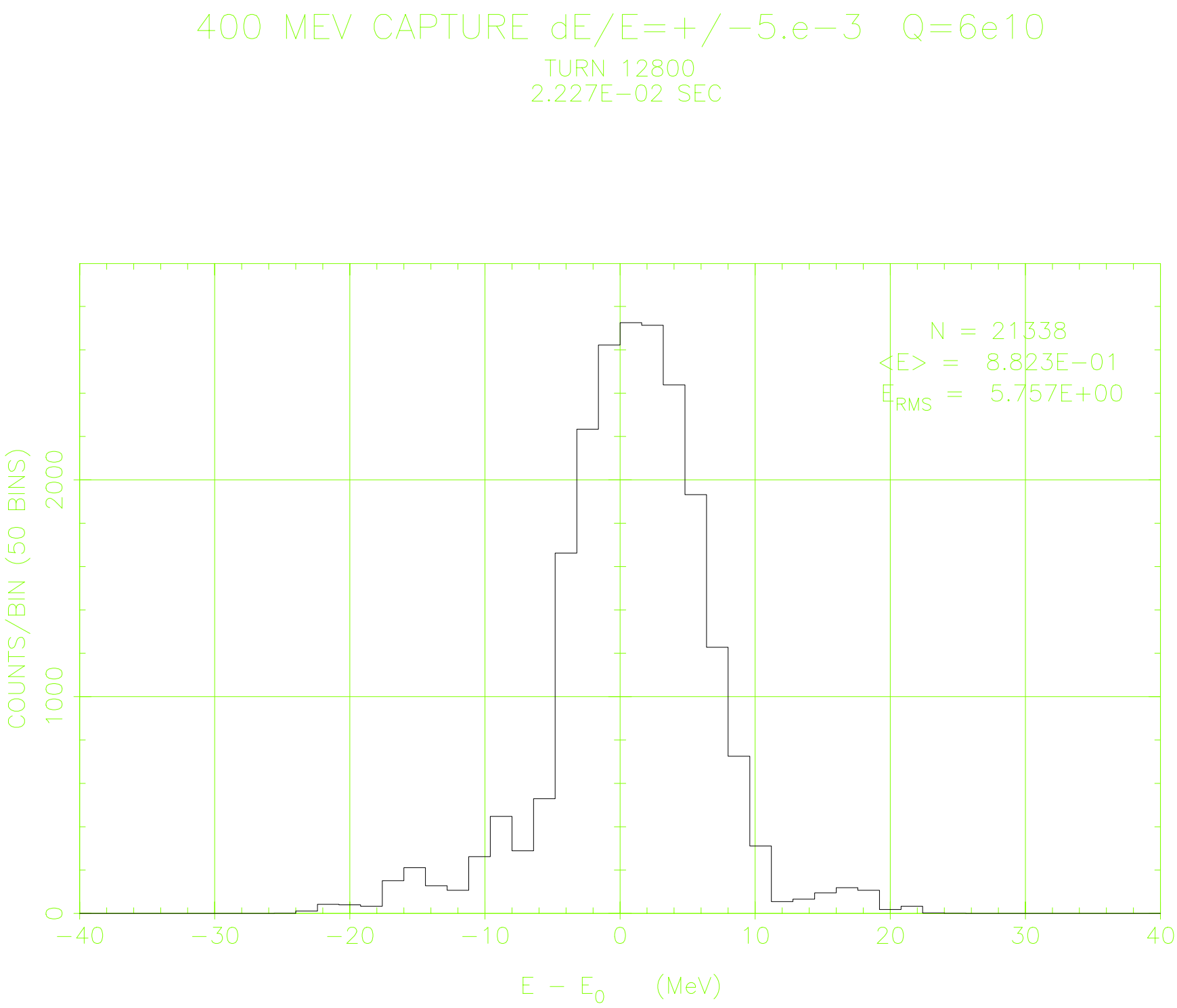
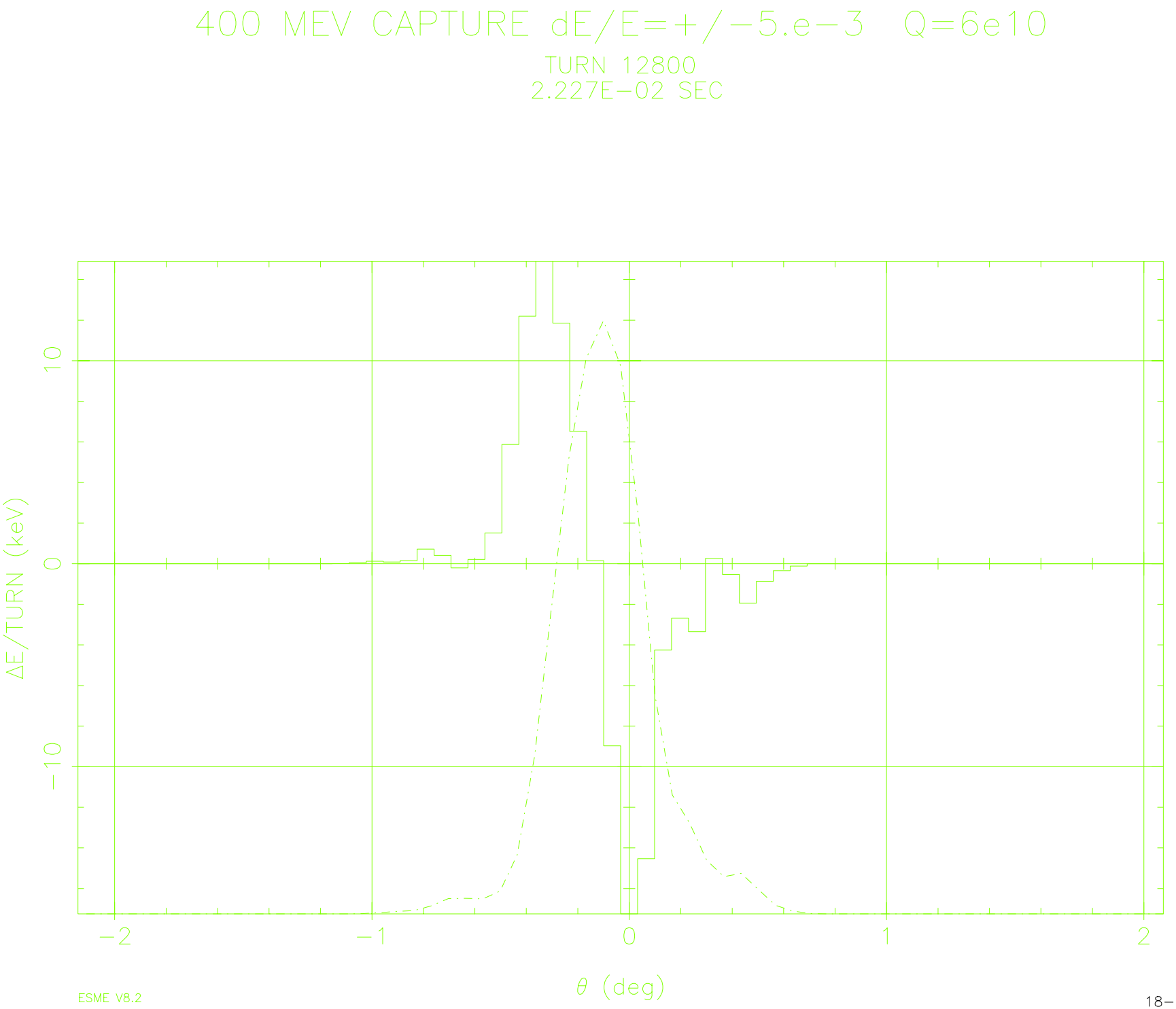

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 12800
2.227E-02 SEC
N = 21338
<E> = 8.823E-01
E_RMS = 5.757E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 12800
2.227E-02 SEC
ΔE/TURN (keV)
10
0
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
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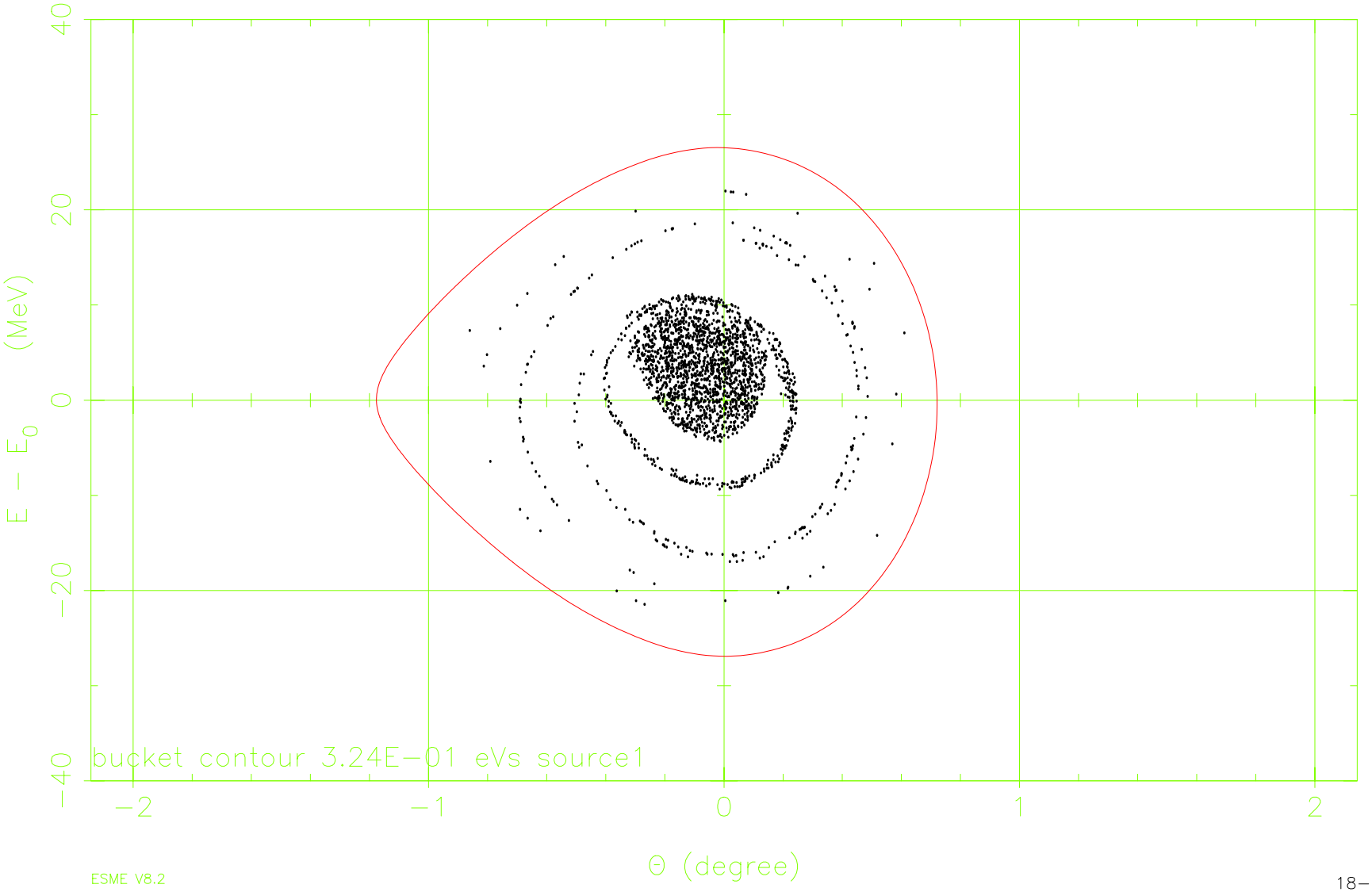
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 13260 2.301E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.6724E+01	3.2430E−01	7.2857E+03	84	8.500E−01	1.451E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.7204E−03	3.0752E+05	1.7132E−02			
τ (s)	S_b (eV s)	N			
1.5950E−06	9.3300E−02	21338			



ESME V8.2

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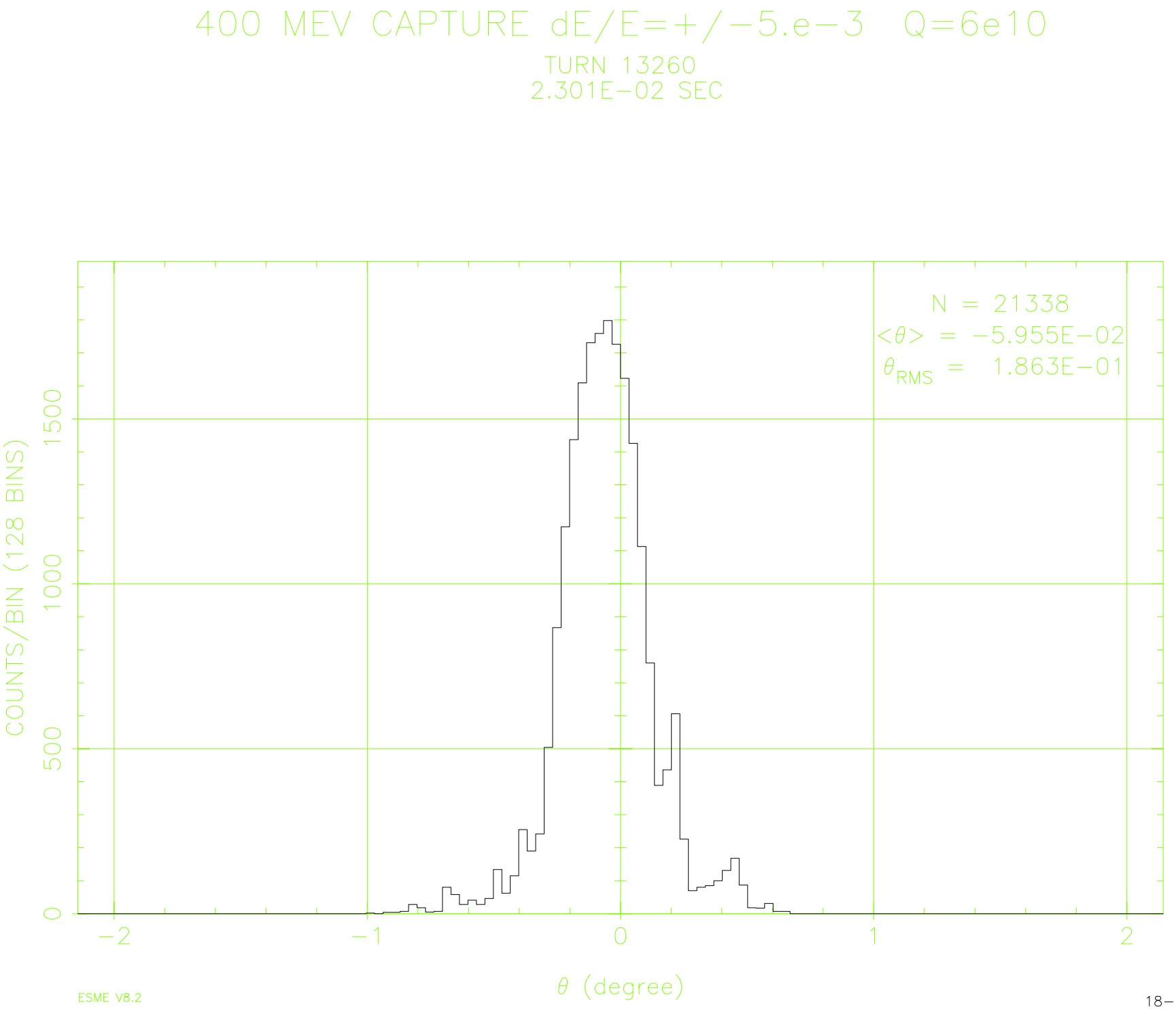
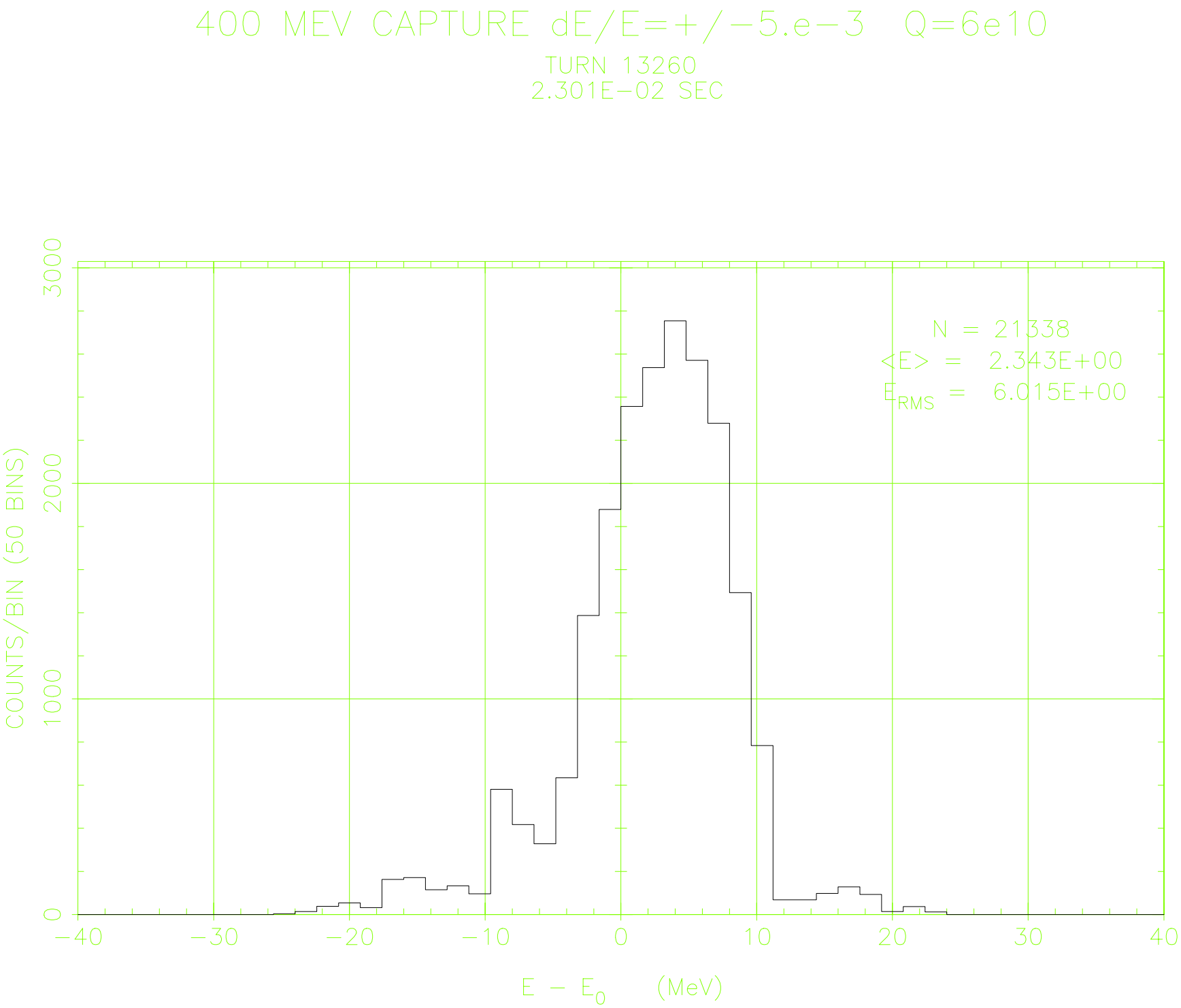
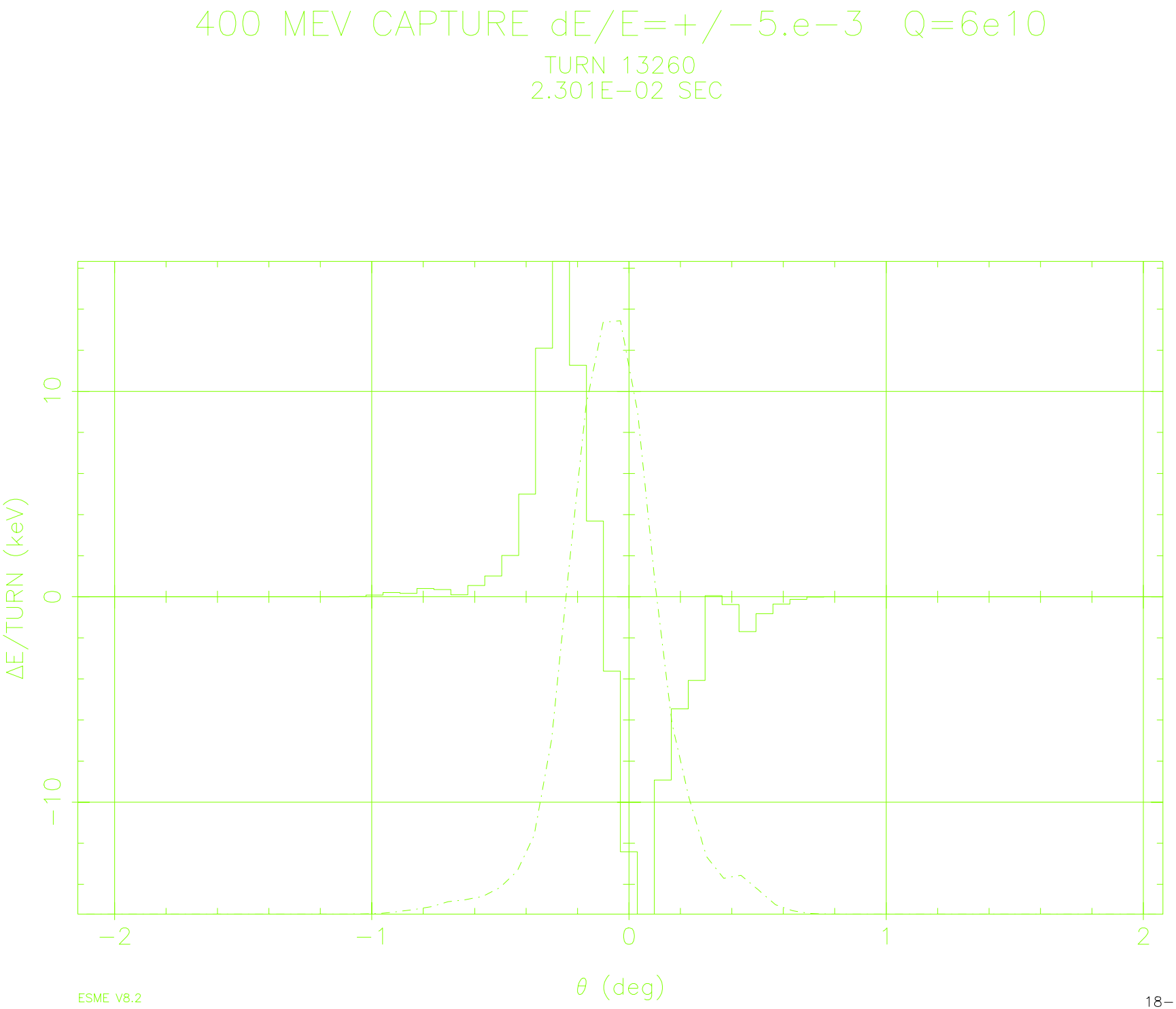

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 13260
2.301E-02 SEC
N = 21338
<θ> = -5.955E-02
θRMS = 1.863E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
-2
-1
0
1
2
θ (degree)
ESME V8.2
18-Feb-2002 17:13

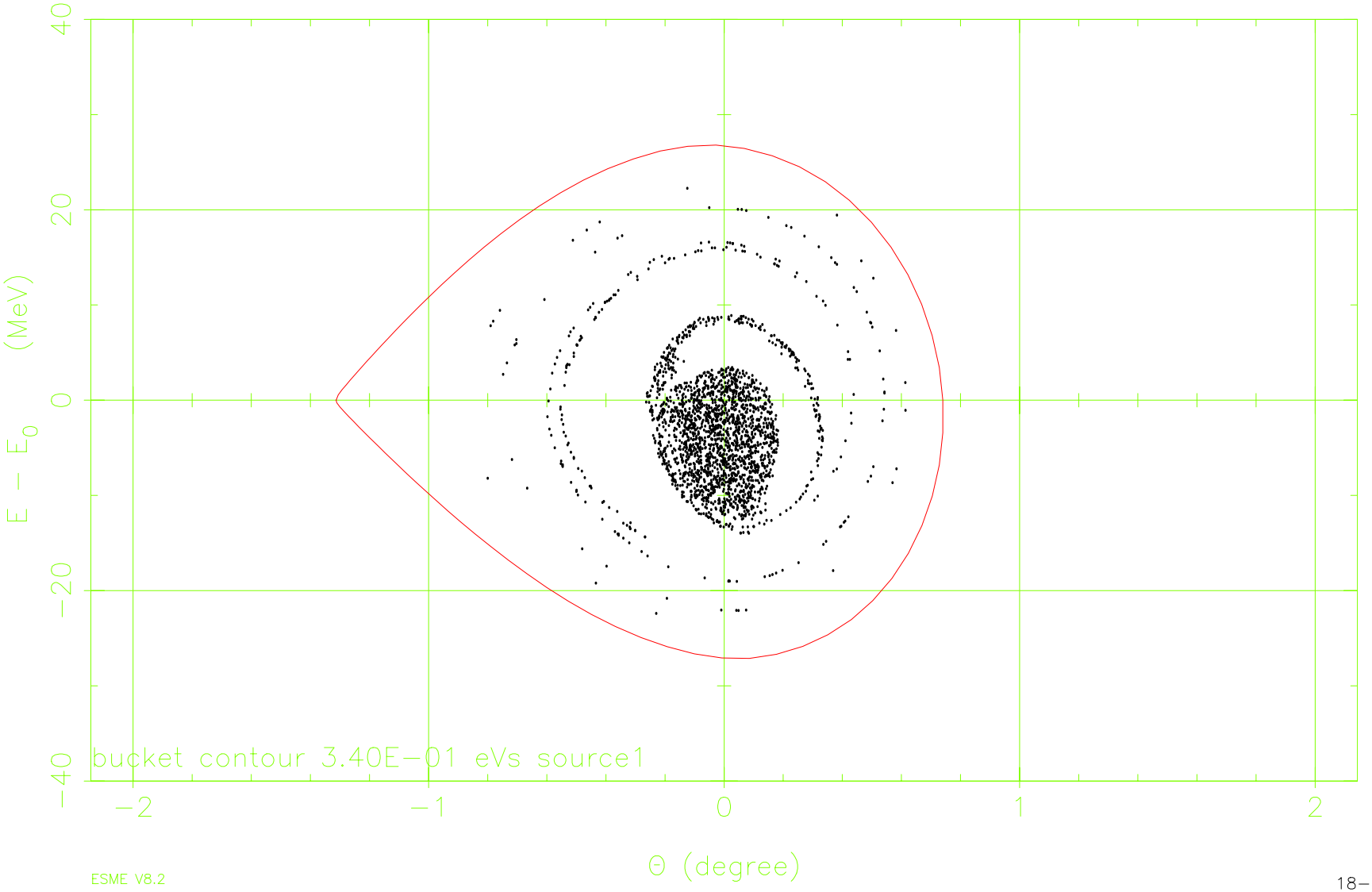

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 13260
2.301E-02 SEC
N = 21338
<E> = 2.343E+00
E_RMS = 6.015E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 13260
2.301E-02 SEC
ΔE/TURN (keV)
10
0
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:13

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 13600 2.355E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.6960E+01	3.3968E−01	7.4480E+03	84	8.301E−01	1.457E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.7242E−03	2.9580E+05	1.7846E−02			
τ (s)	S_b (eV s)	N			
1.5944E−06	9.4762E−02	21338			



ESME V8.2

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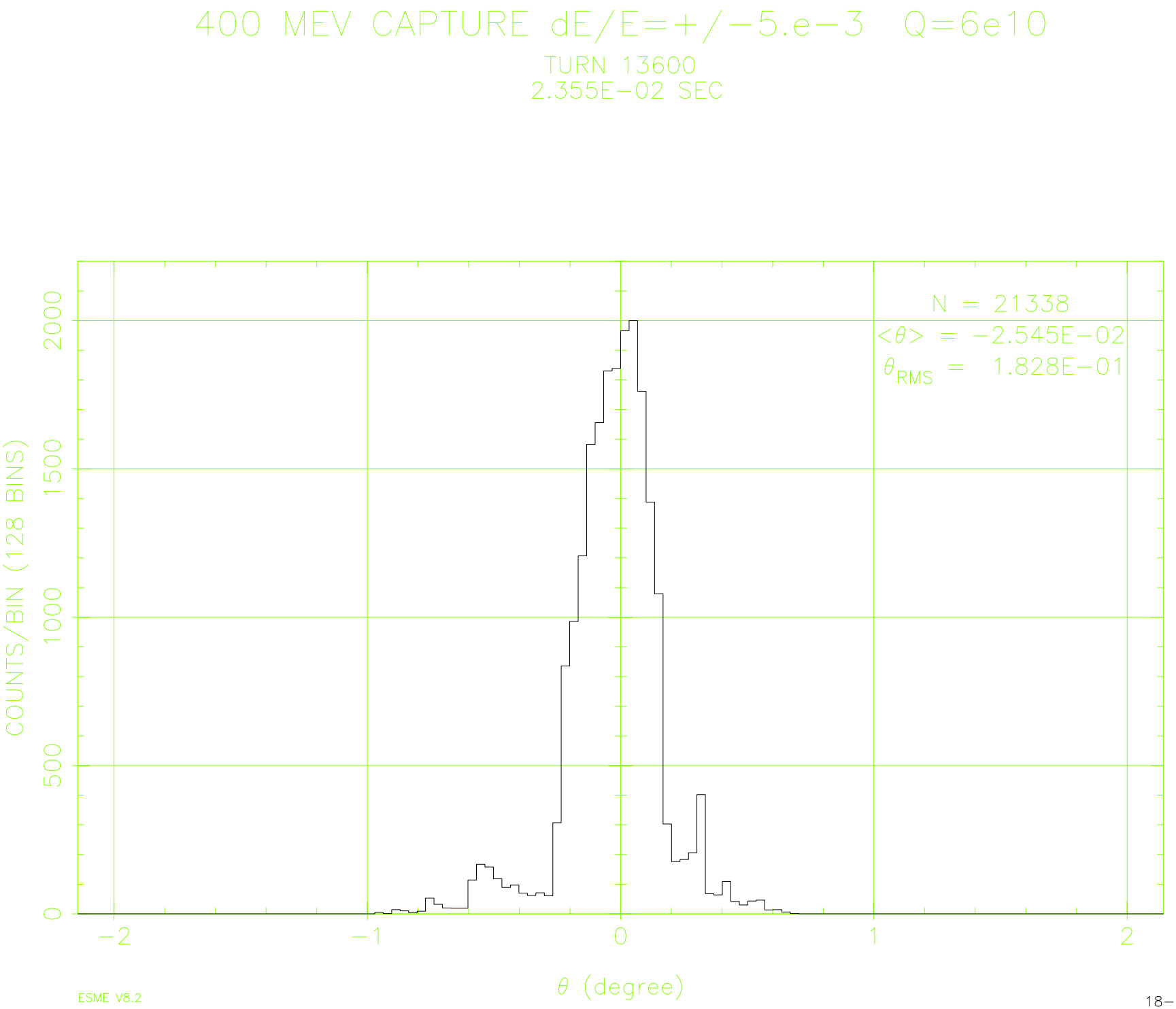

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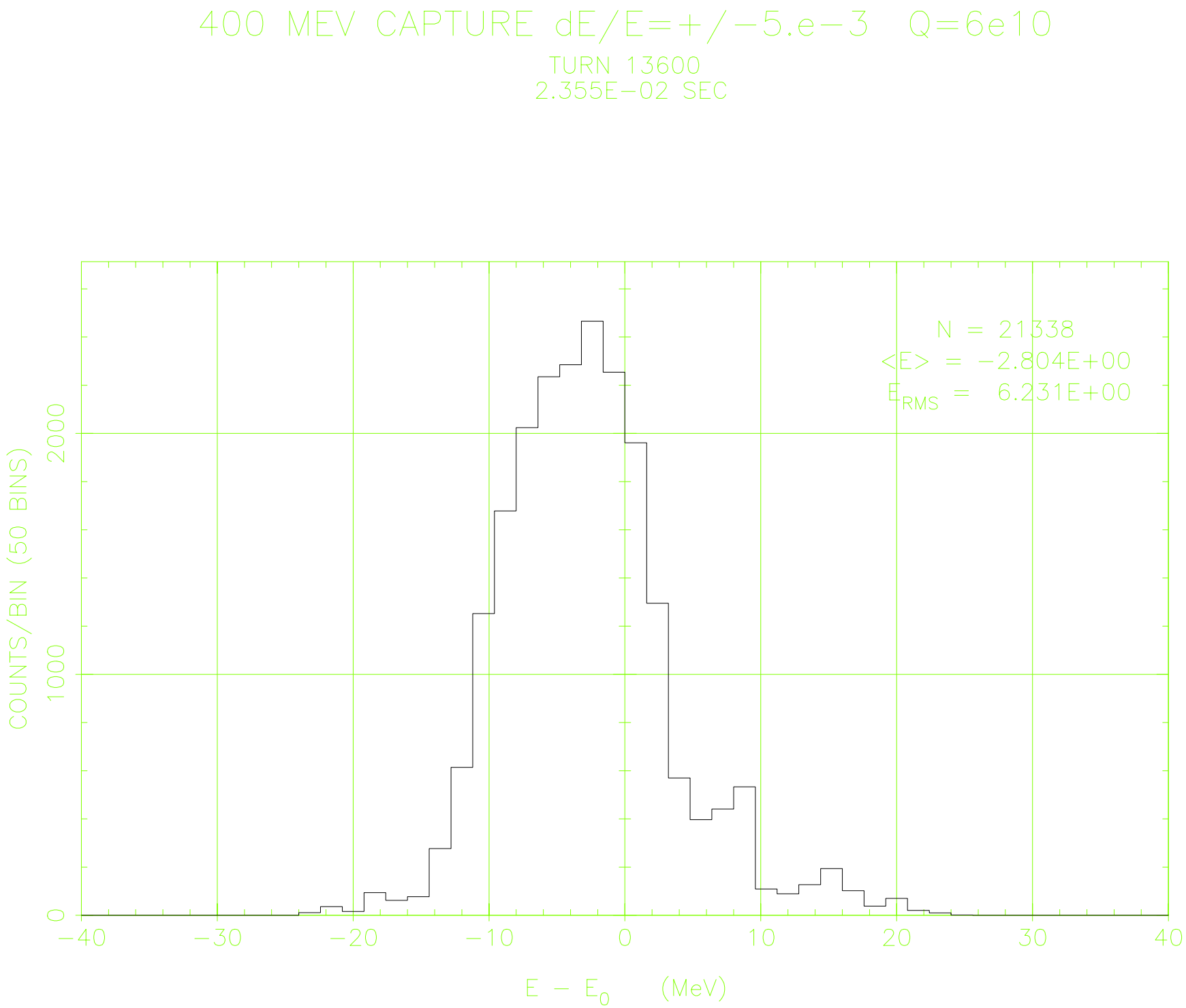
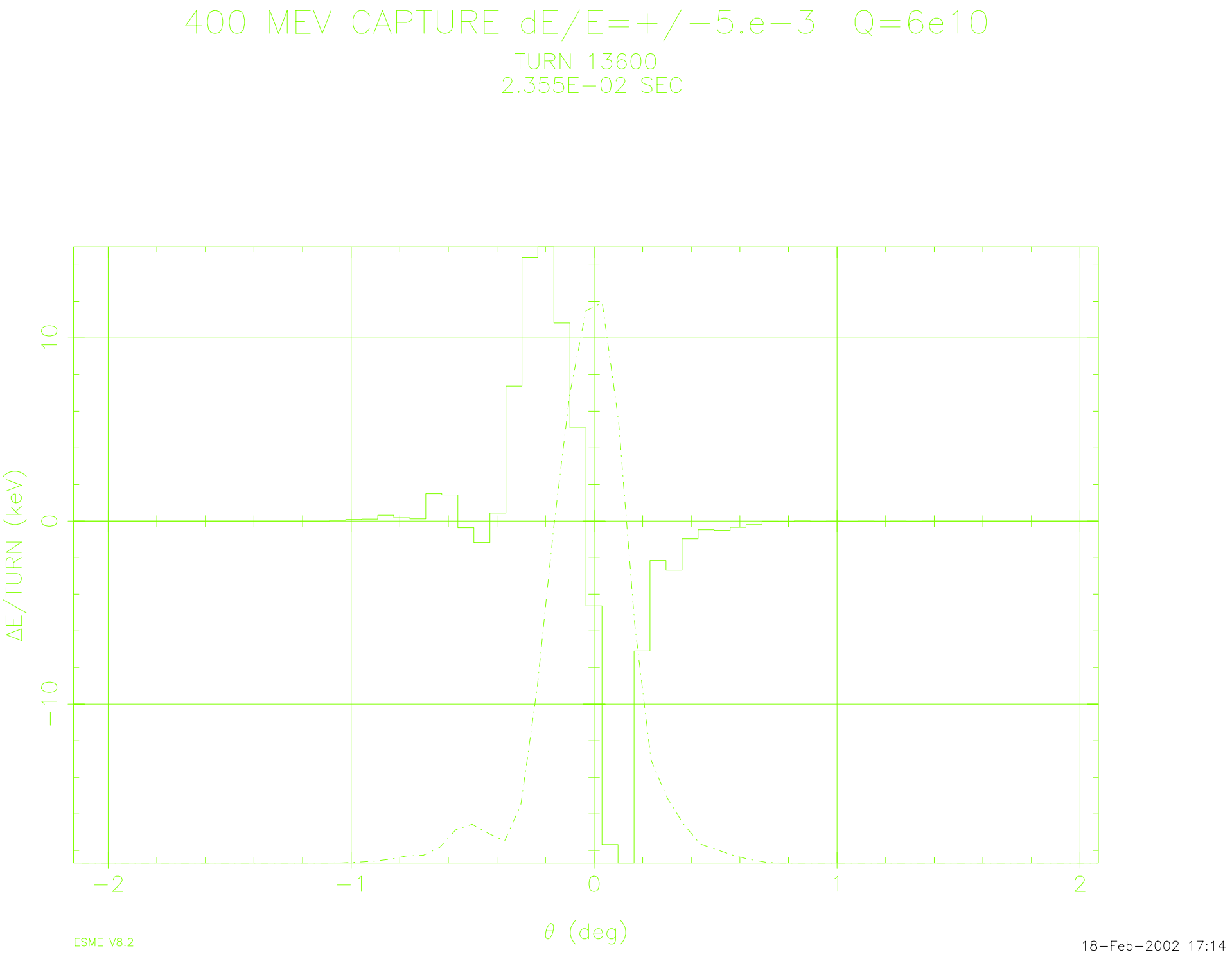
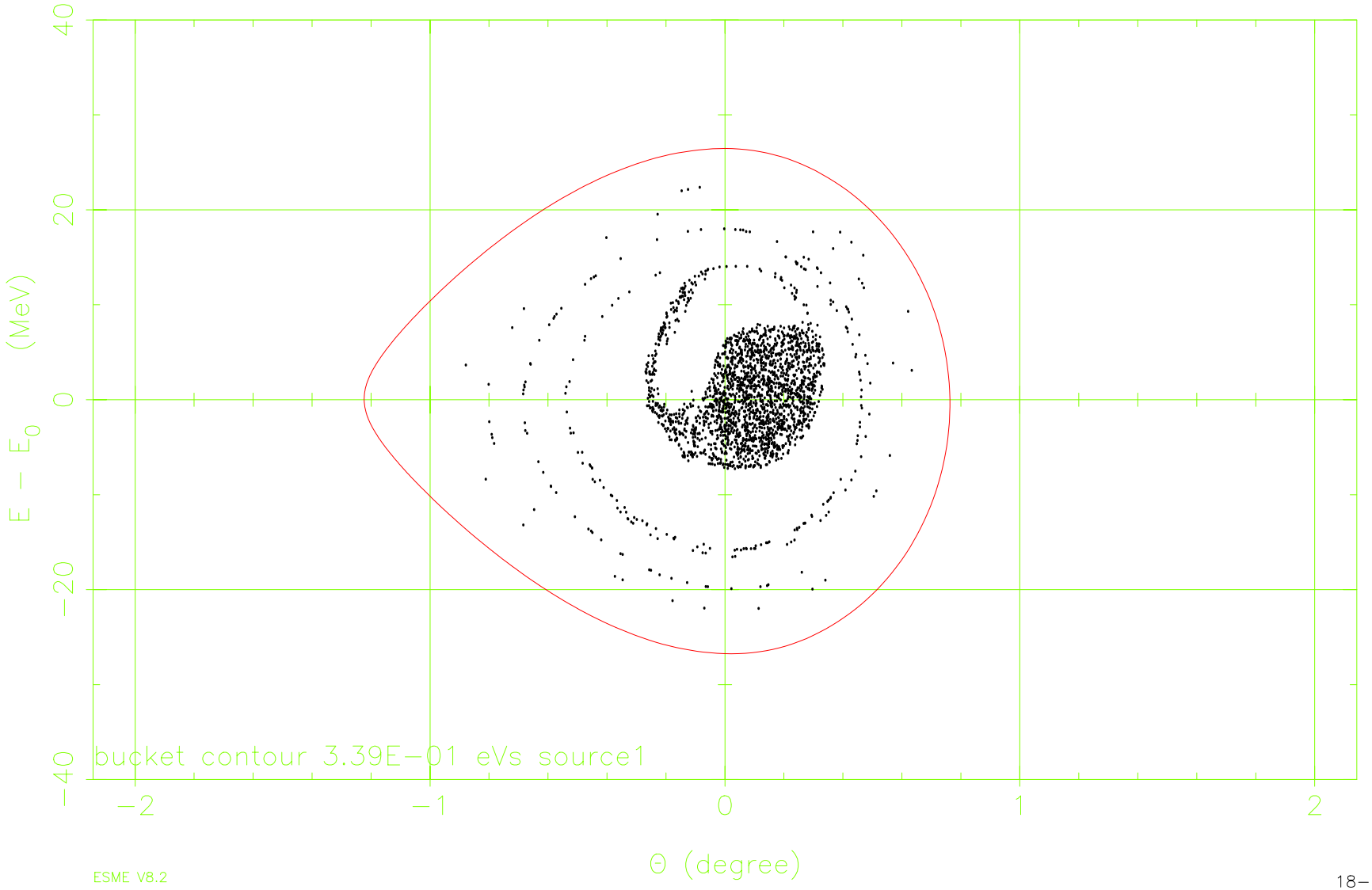

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 13600
2.355E-02 SEC
N = 21338
<E> = -2.804E+00
E_RMS = 6.231E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 13600
2.355E-02 SEC
ΔE/TURN (keV)
10
0
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:14

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 14400 2.482E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.6609E+01	3.3852E−01	7.8033E+03	84	7.832E−01	1.476E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.7058E−03	2.6519E+05	1.9259E−02			
τ (s)	S_b (eV s)	N			
1.5933E−06	9.5826E−02	21338			



ESME V8.2

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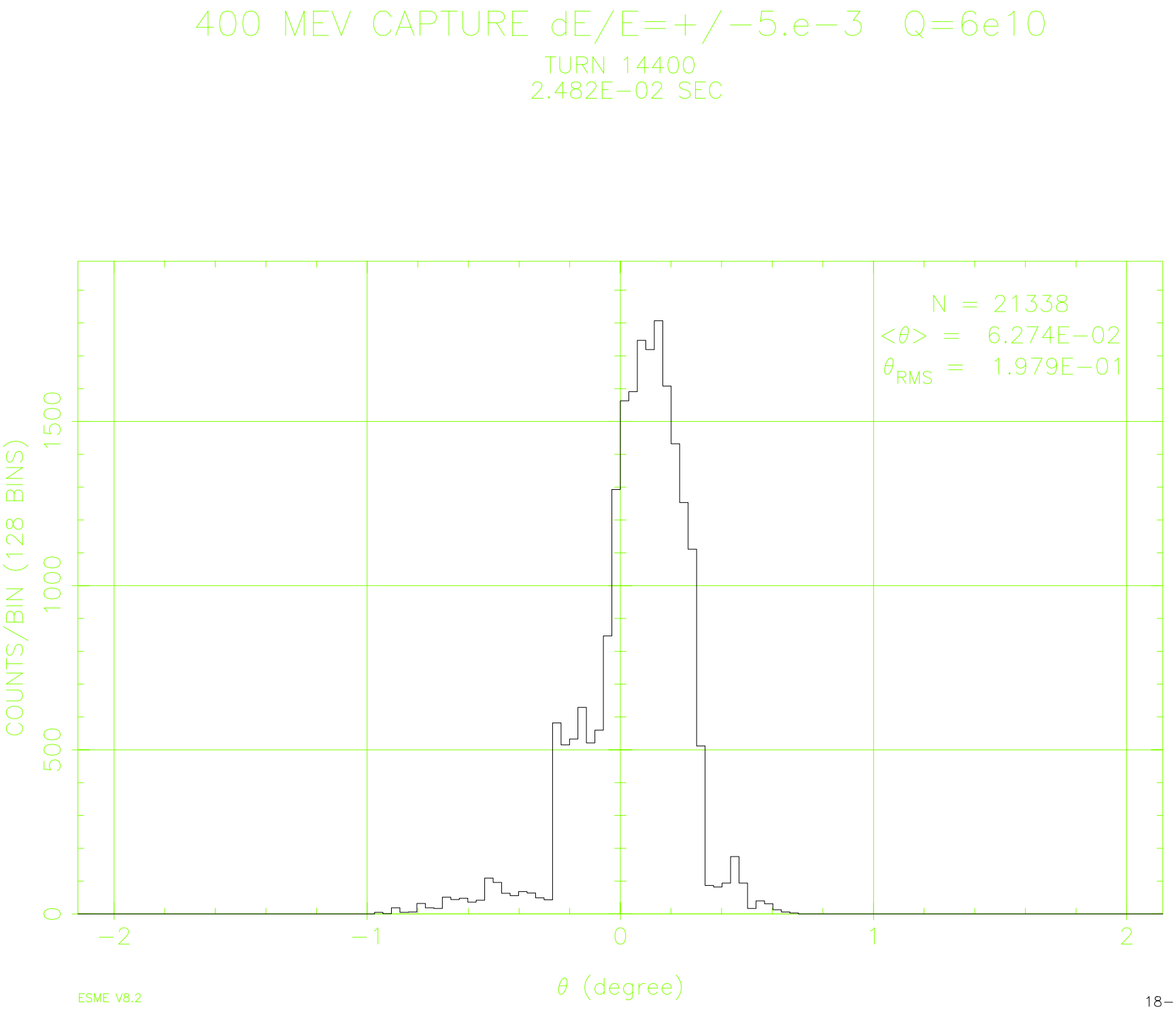
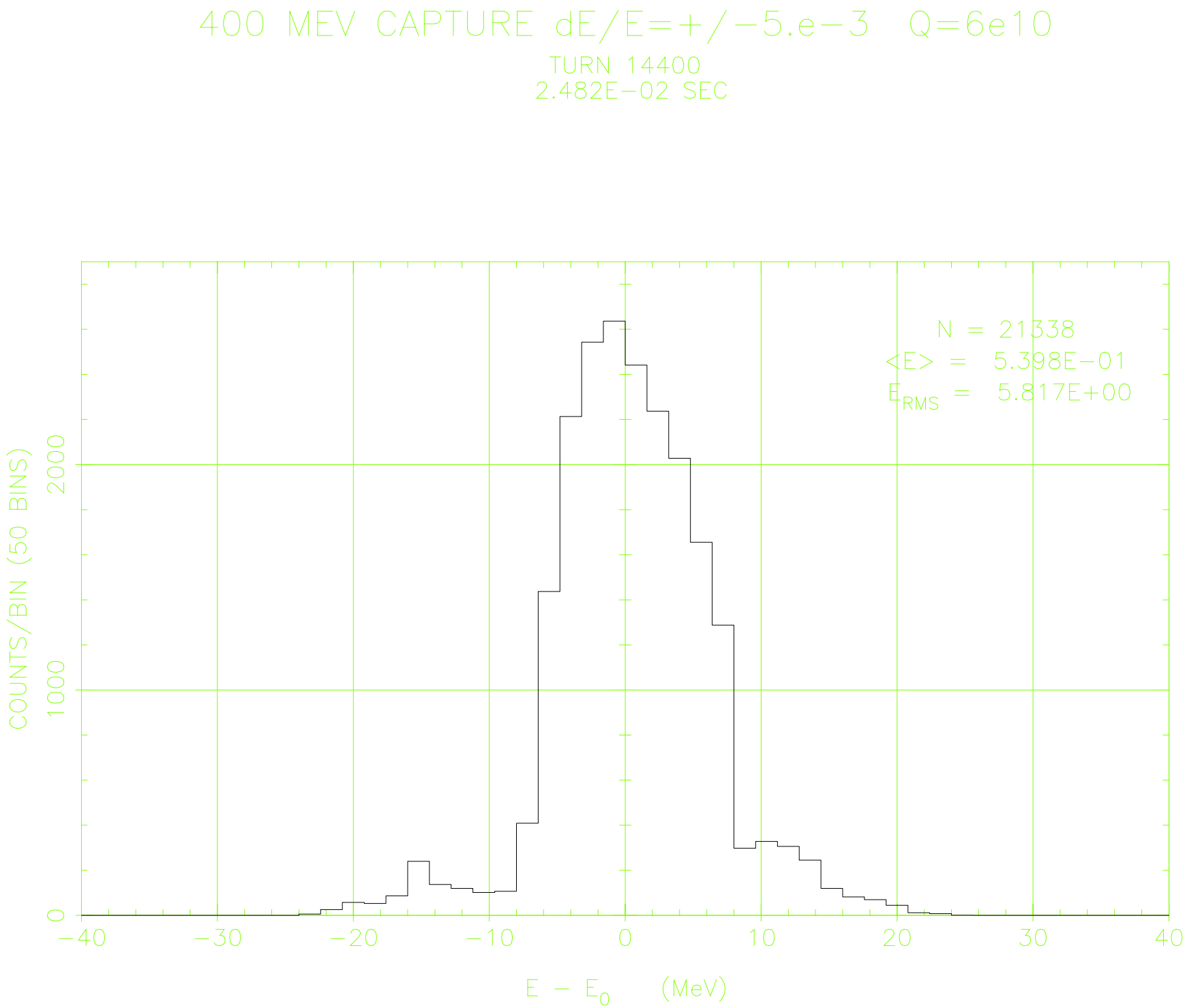
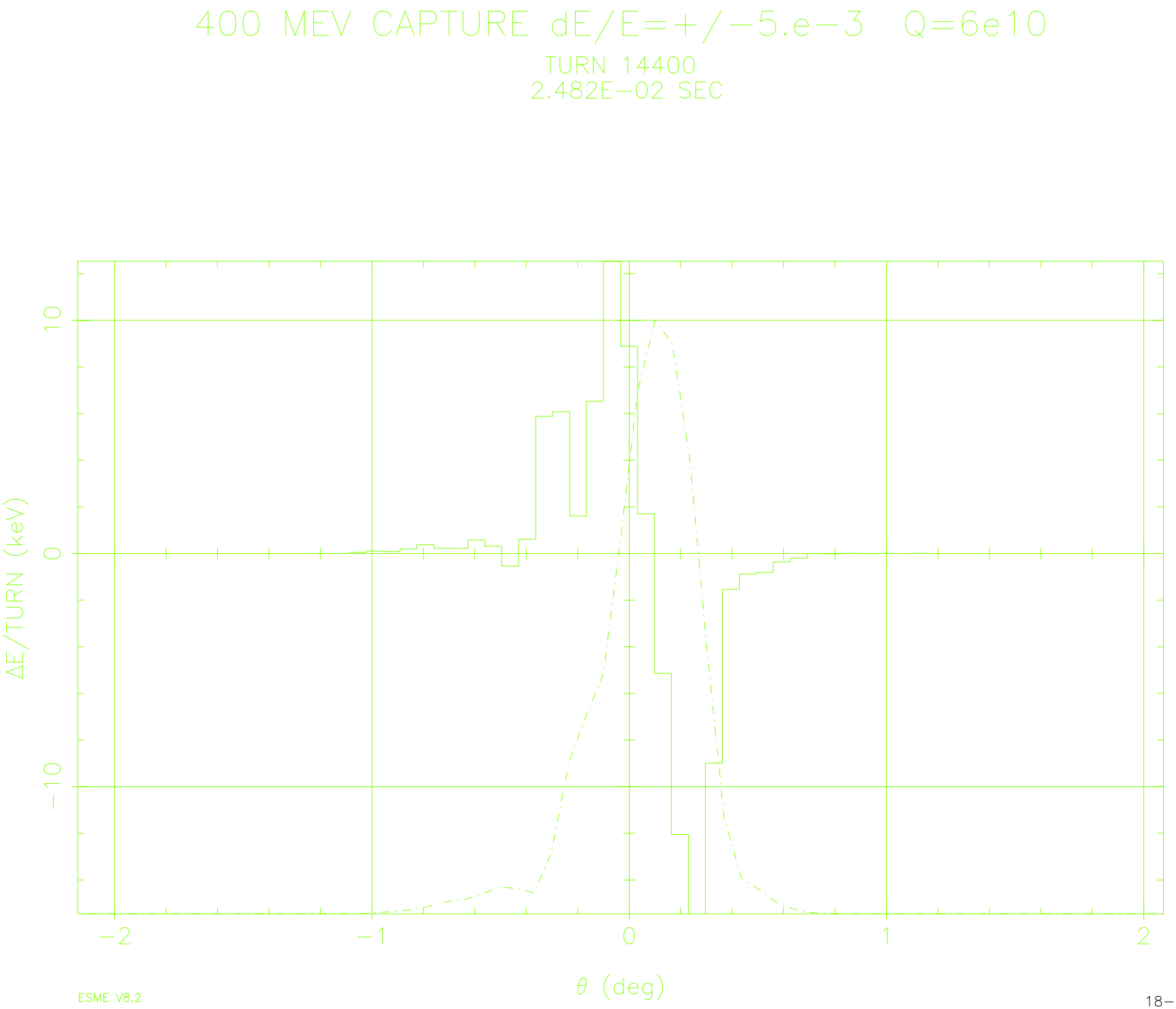

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 14400
2.482E-02 SEC
N = 21338
<θ> = 6.274E-02
θRMS = 1.979E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
-2
-1
0
1
2
θ (degree)
ESME V8.2
18-Feb-2002 17:14

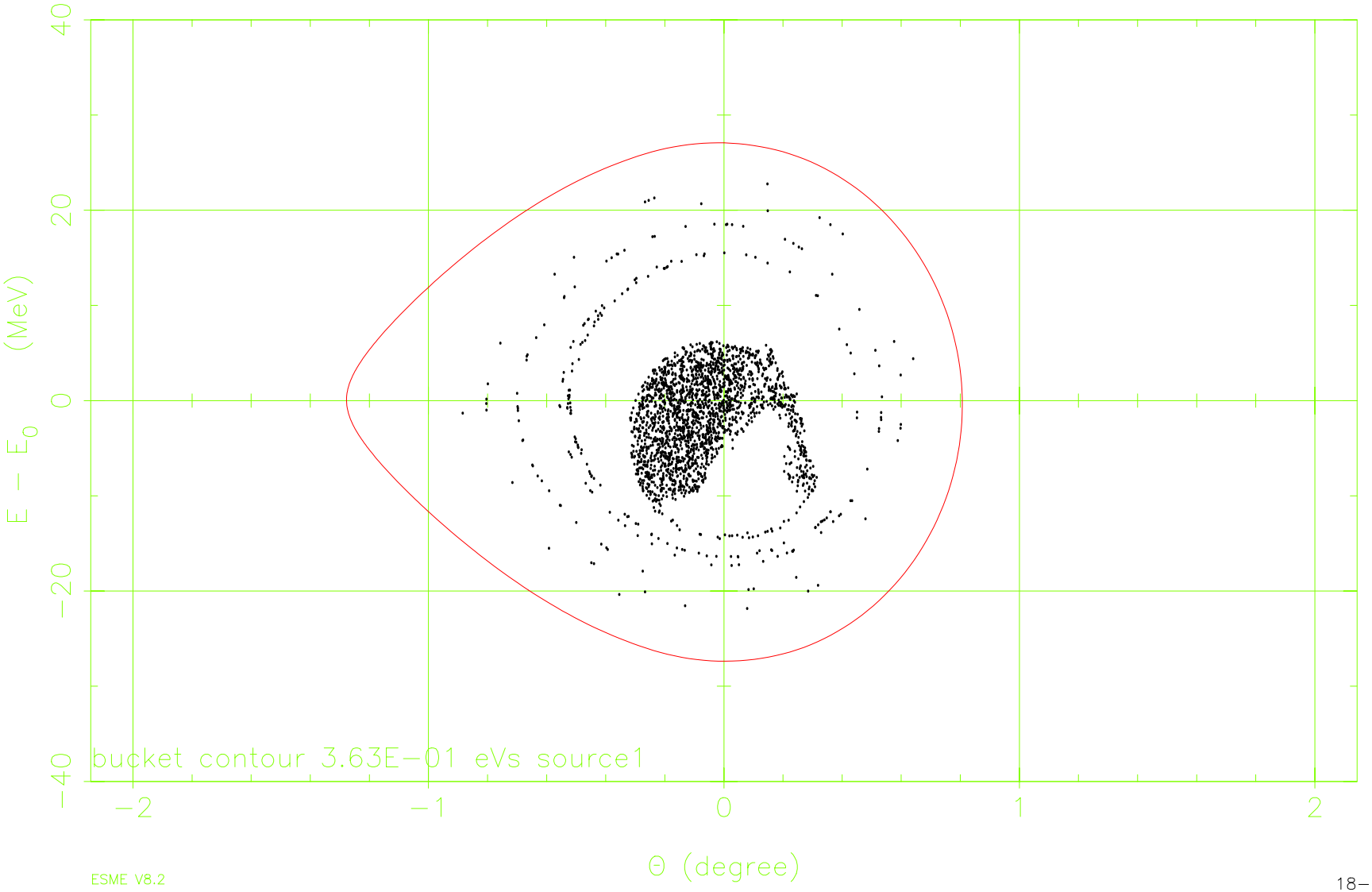

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 14400
2.482E-02 SEC
N = 21338
<E> = 5.398E-01
E_RMS = 5.817E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 14400
2.482E-02 SEC
10
0
-10
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:14

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 15143 2.601E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.7223E+01	3.6313E−01	8.0965E+03	84	7.400E−01	1.501E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.6669E−03	2.3327E+05	2.0287E−02			
τ (s)	S_b (eV s)	N			
1.5925E−06	9.3953E−02	21338			



ESME V8.2

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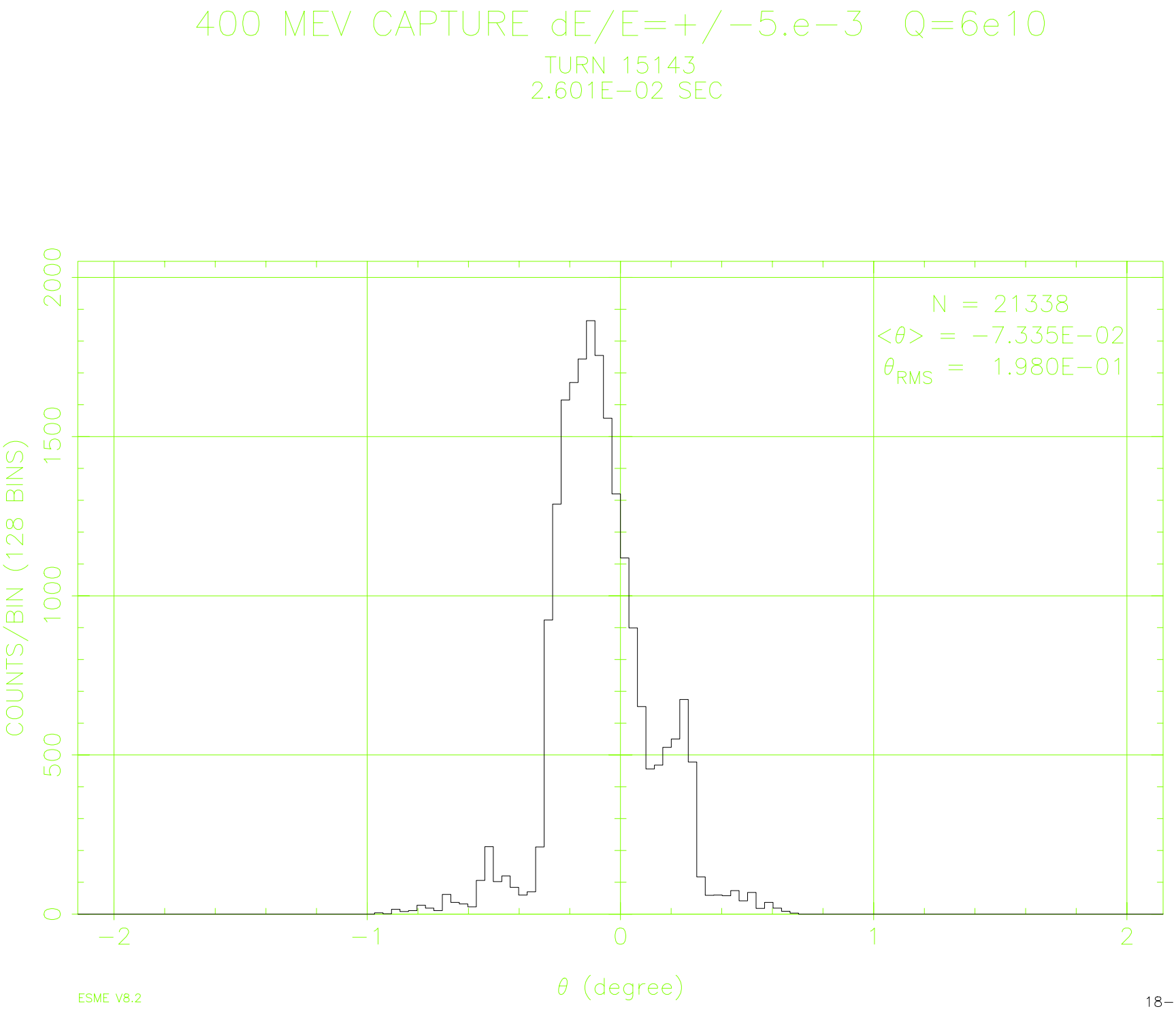

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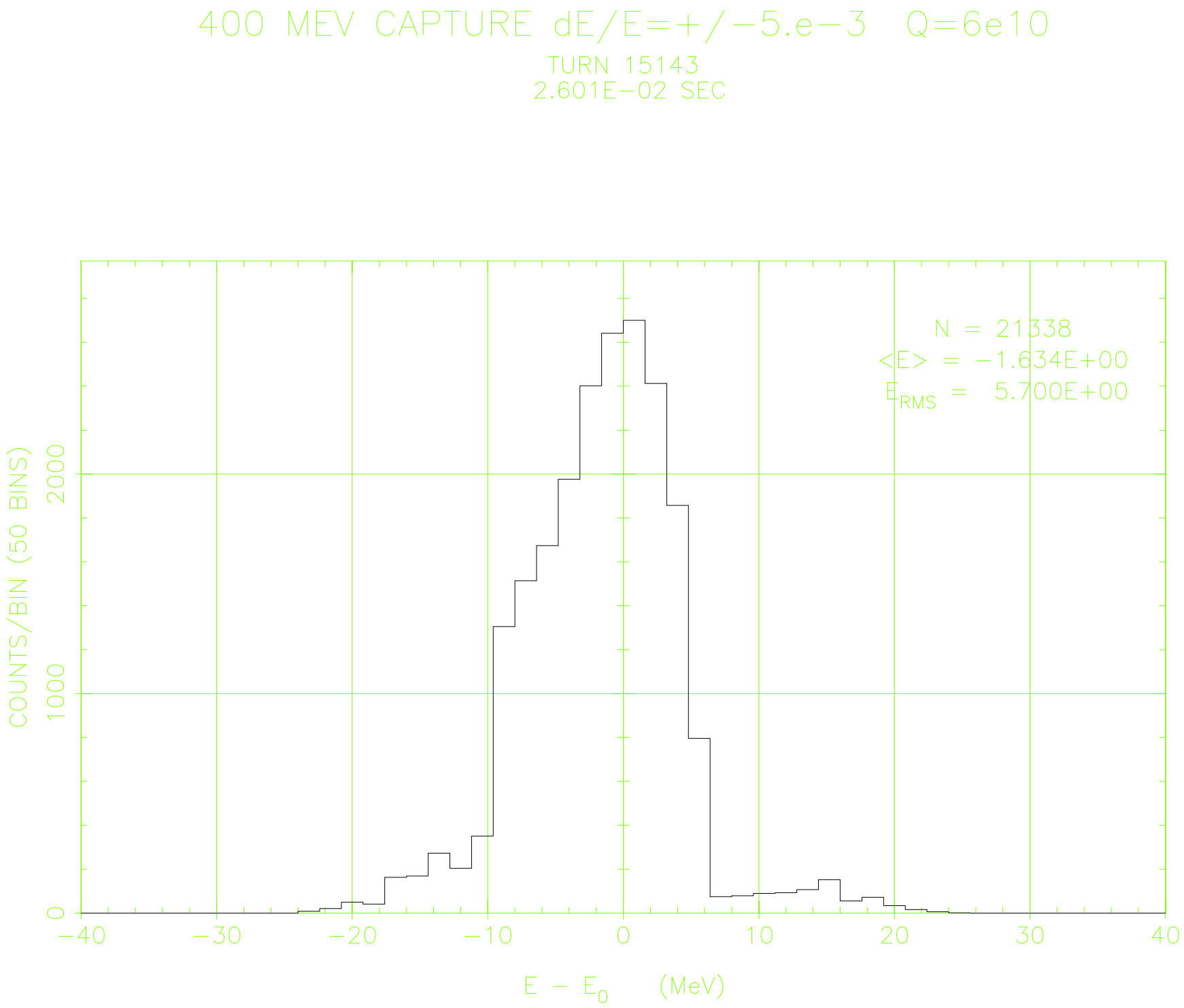
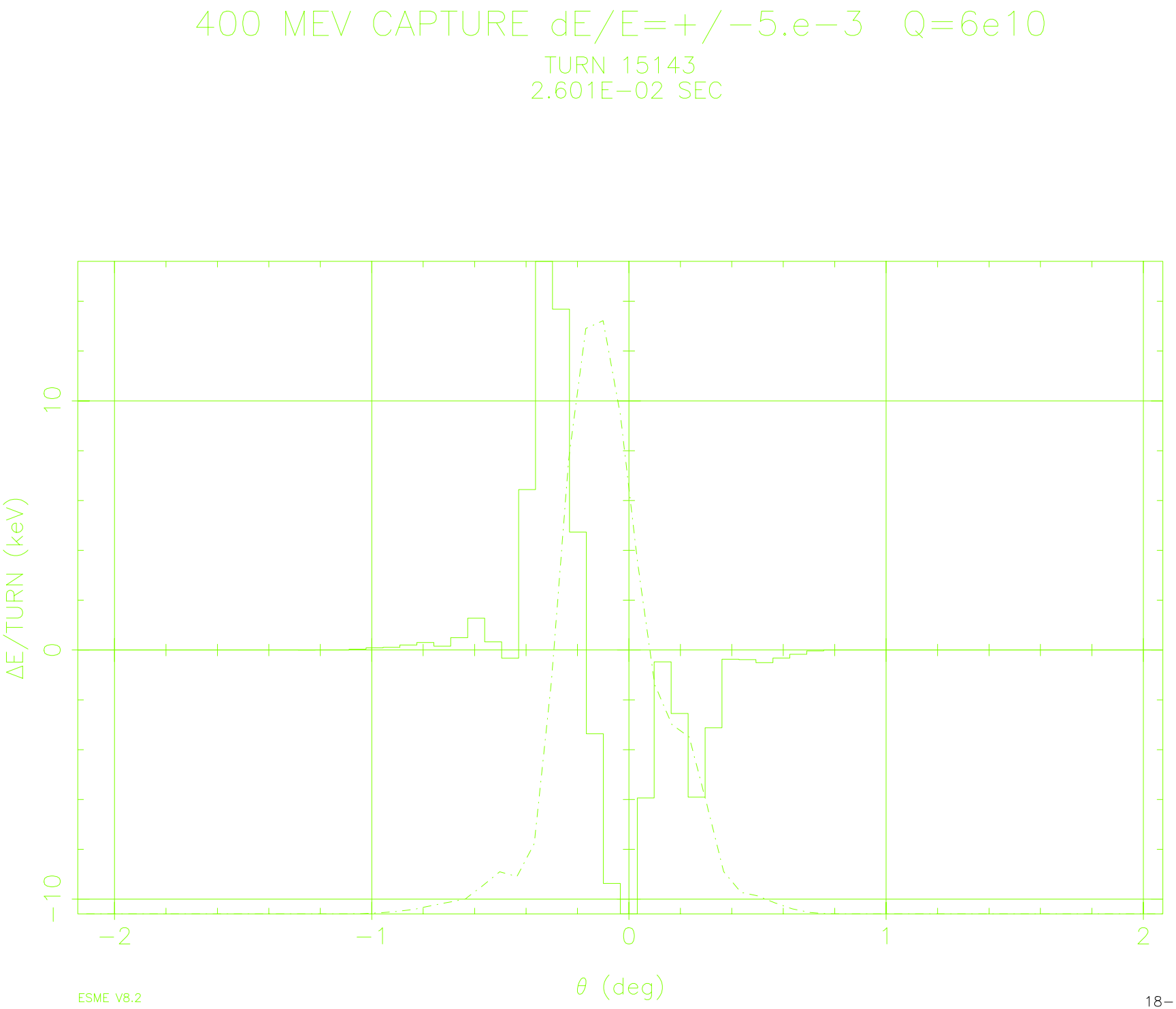
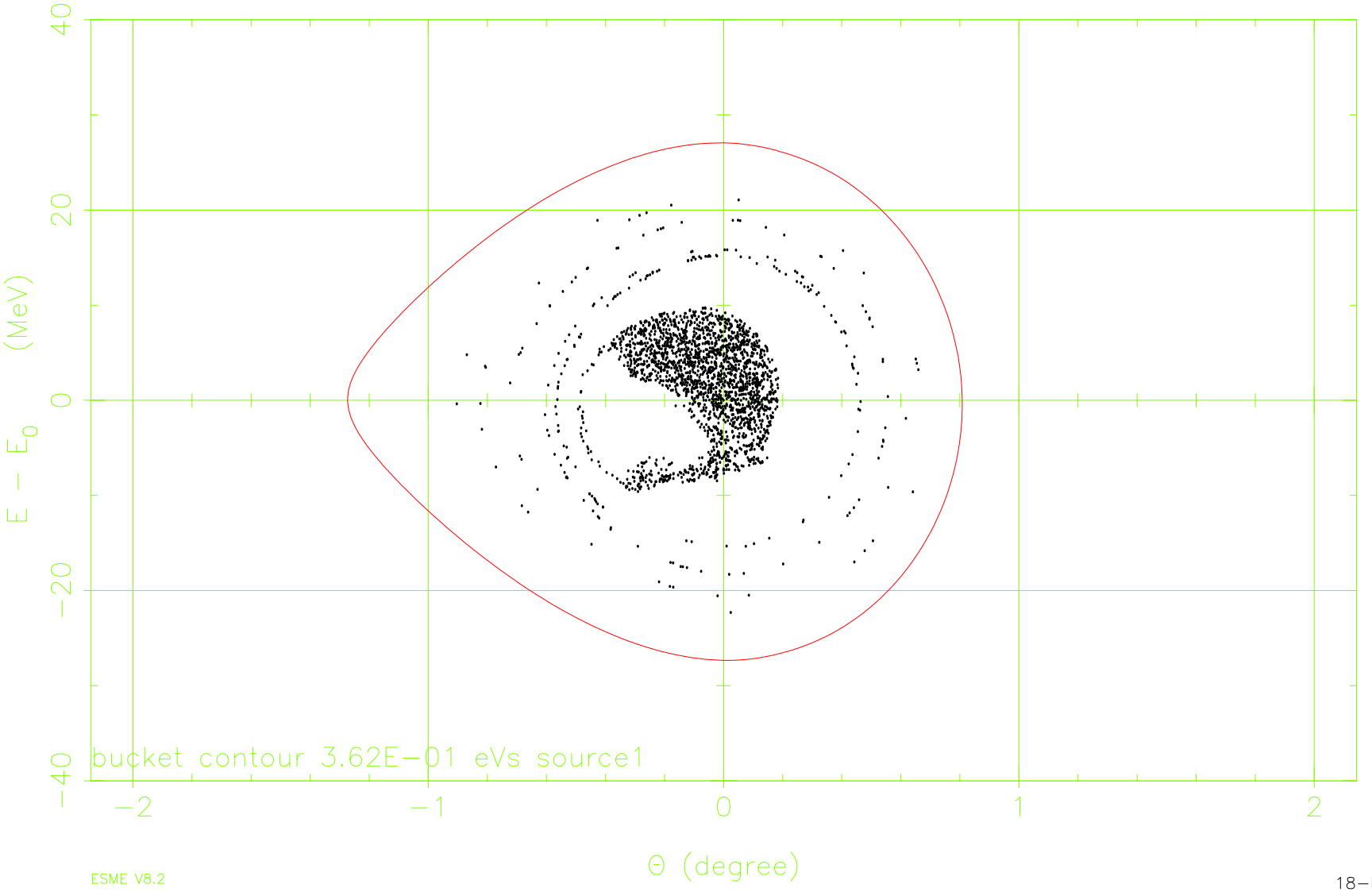

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 15143
2.601E-02 SEC
N = 21338
<E> = -1.634E+00
E_RMS = 5.700E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 15143
2.601E-02 SEC
ΔE/TURN (keV)
10
0
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:15

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 15200 2.610E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.7197E+01	3.6231E−01	8.1174E+03	84	7.349E−01	1.502E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.6557E−03	2.3069E+05	2.0356E−02			
τ (s)	S_b (eV s)	N			
1.5924E−06	9.5868E−02	21338			



ESME V8.2

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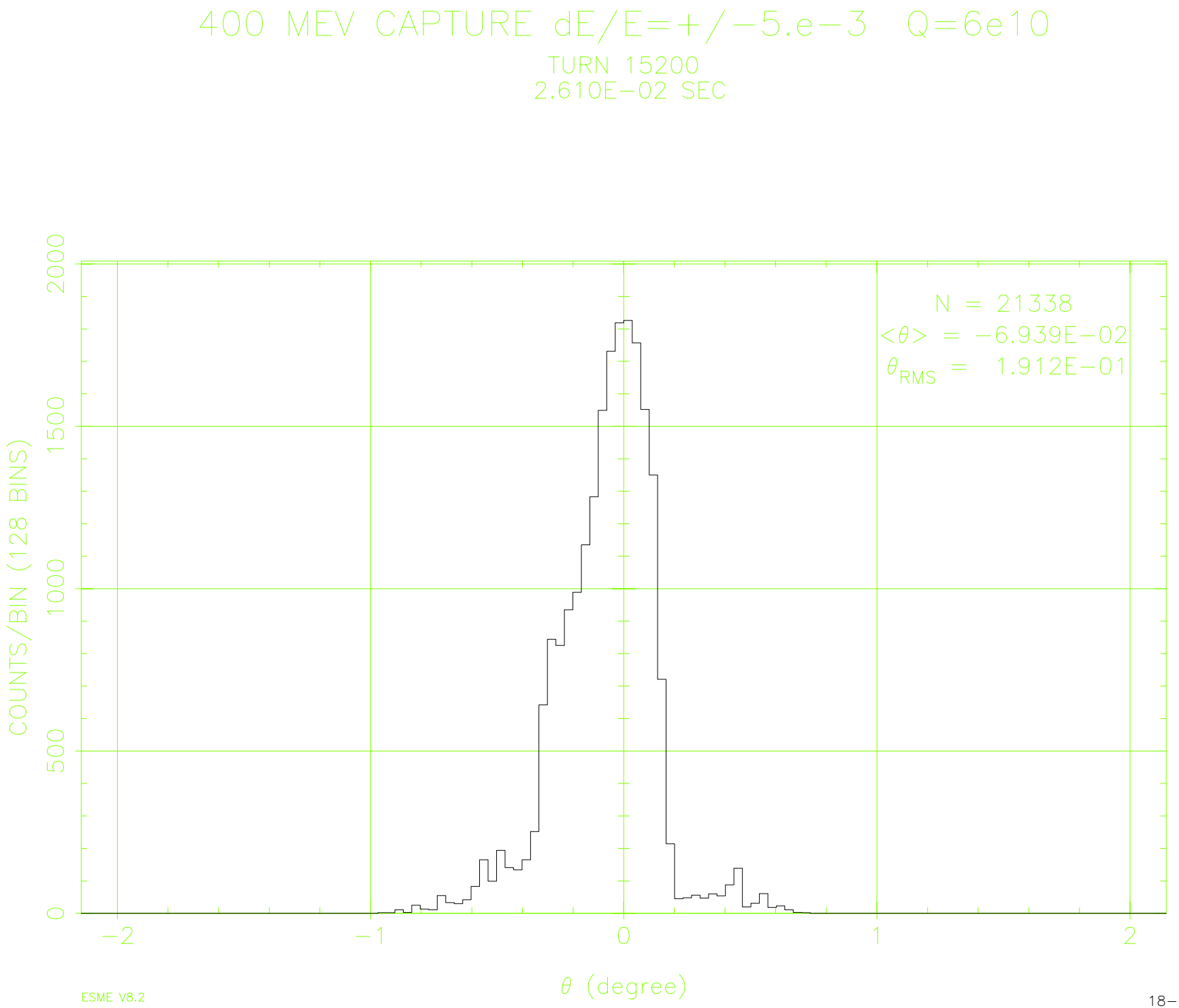

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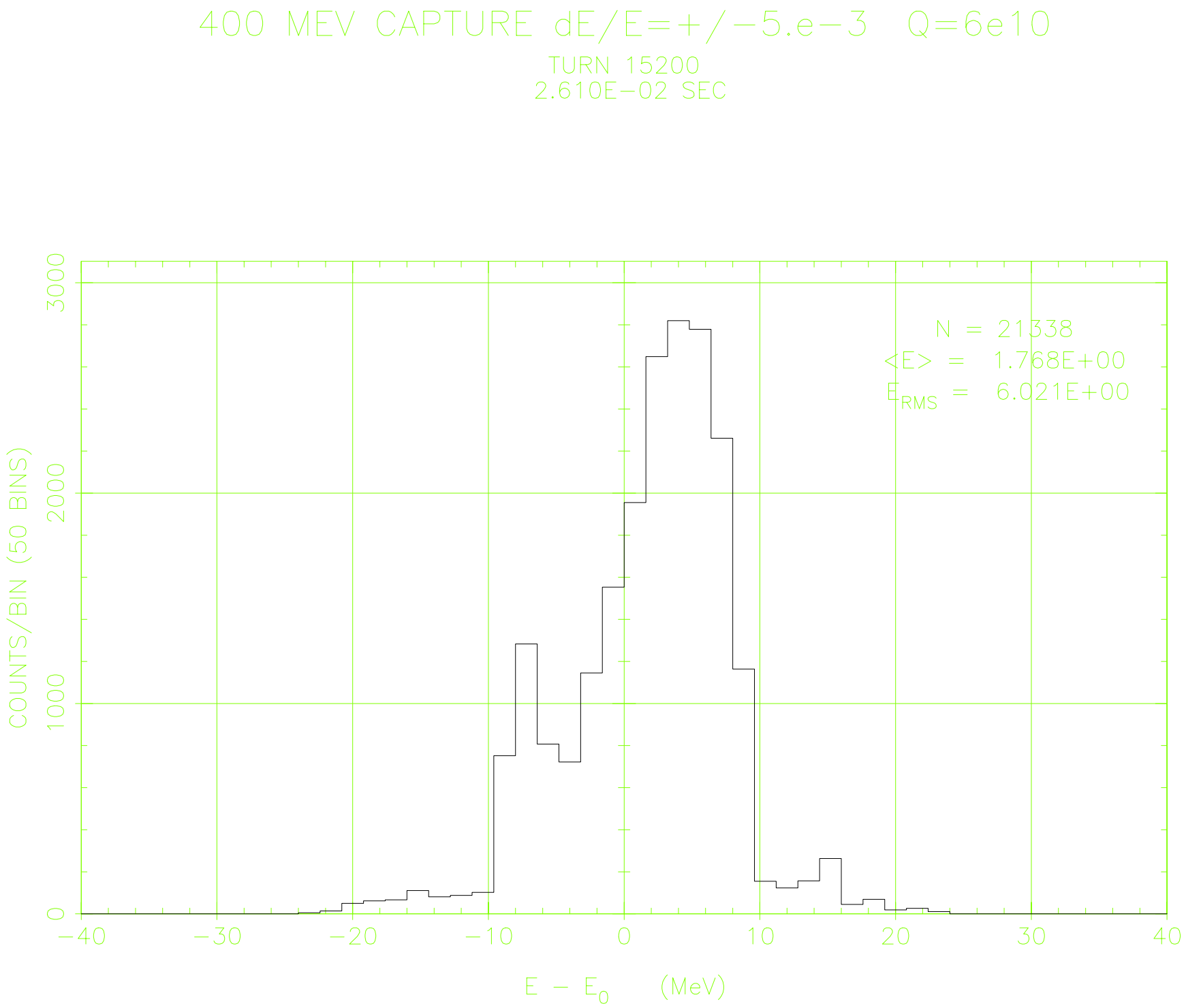
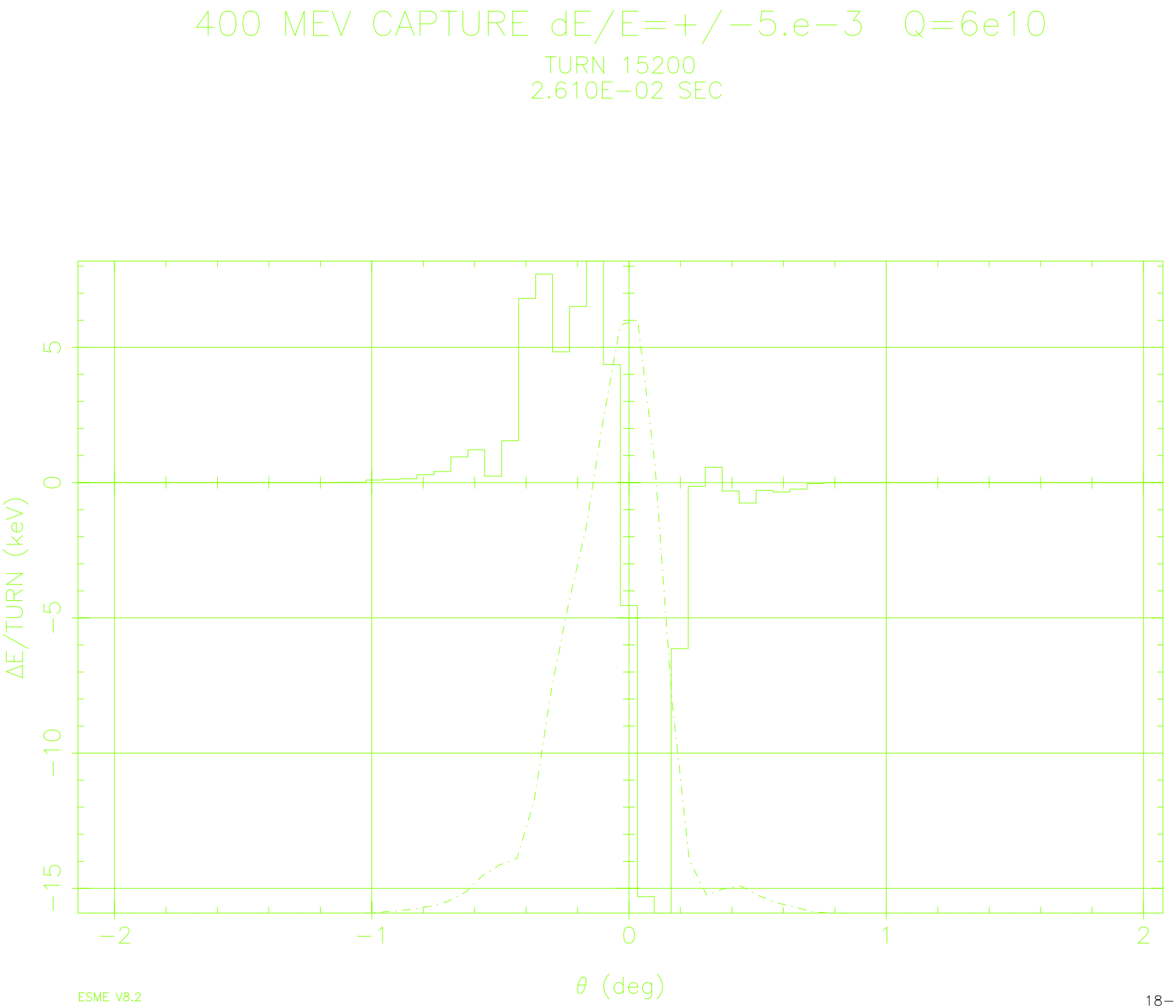

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 15200
2.610E-02 SEC
N = 21338
<E> = 1.768E+00
E_RMS = 6.021E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 15200
2.610E-02 SEC
ΔE/TURN (keV)
5
0
-5
-10
-15
-2
-1
0
1
2
θ (deg)
ESME V8.2
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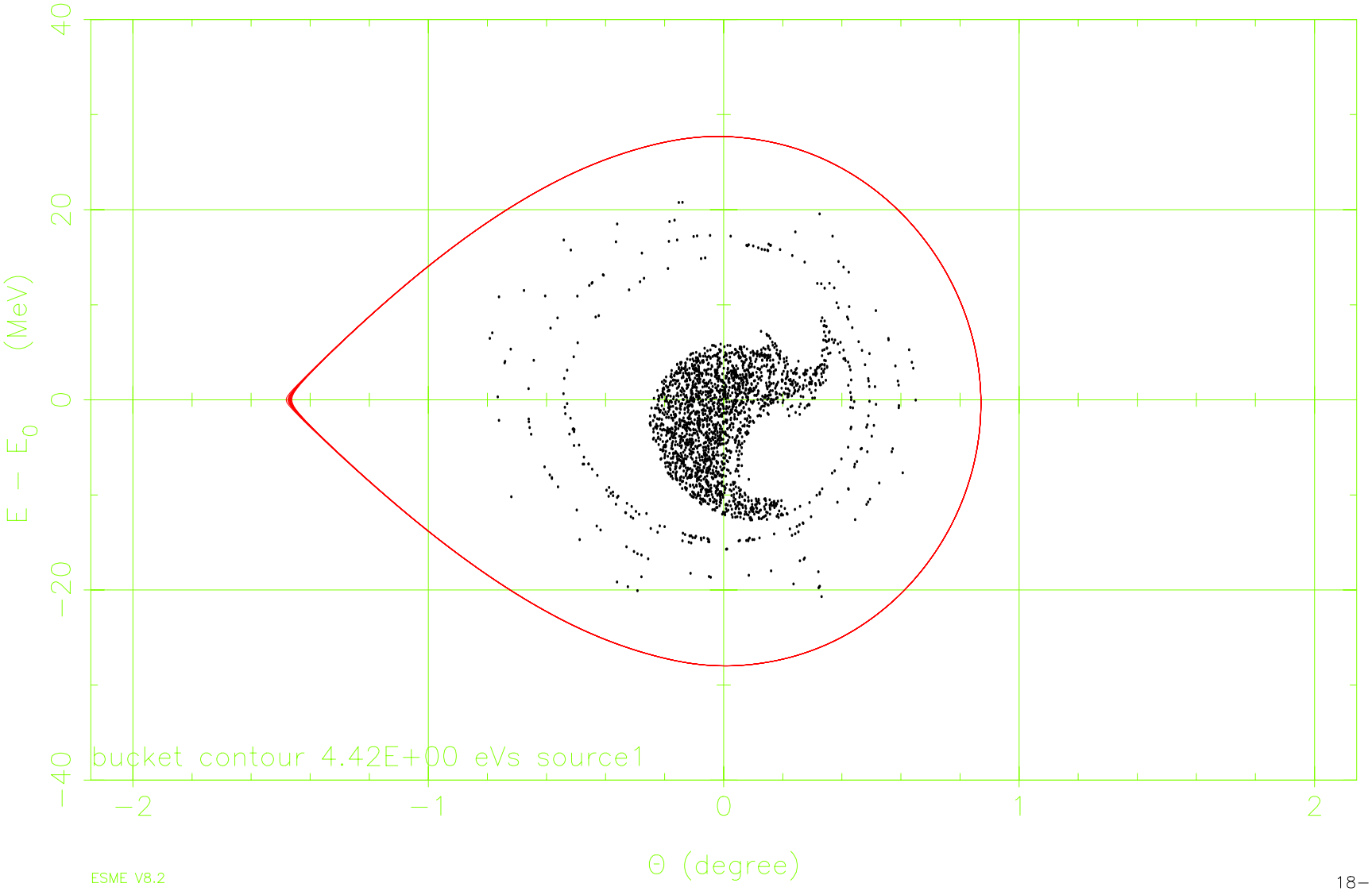
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 16000 2.737E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.7853E+01	4.4164E+00	8.3857E+03	84	6.683E−01	1.528E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.5109E−03	1.9283E+05	2.1197E−02			
τ (s)	S_b (eV s)	N			
1.5917E−06	9.7789E−02	21338			



ESME V8.2

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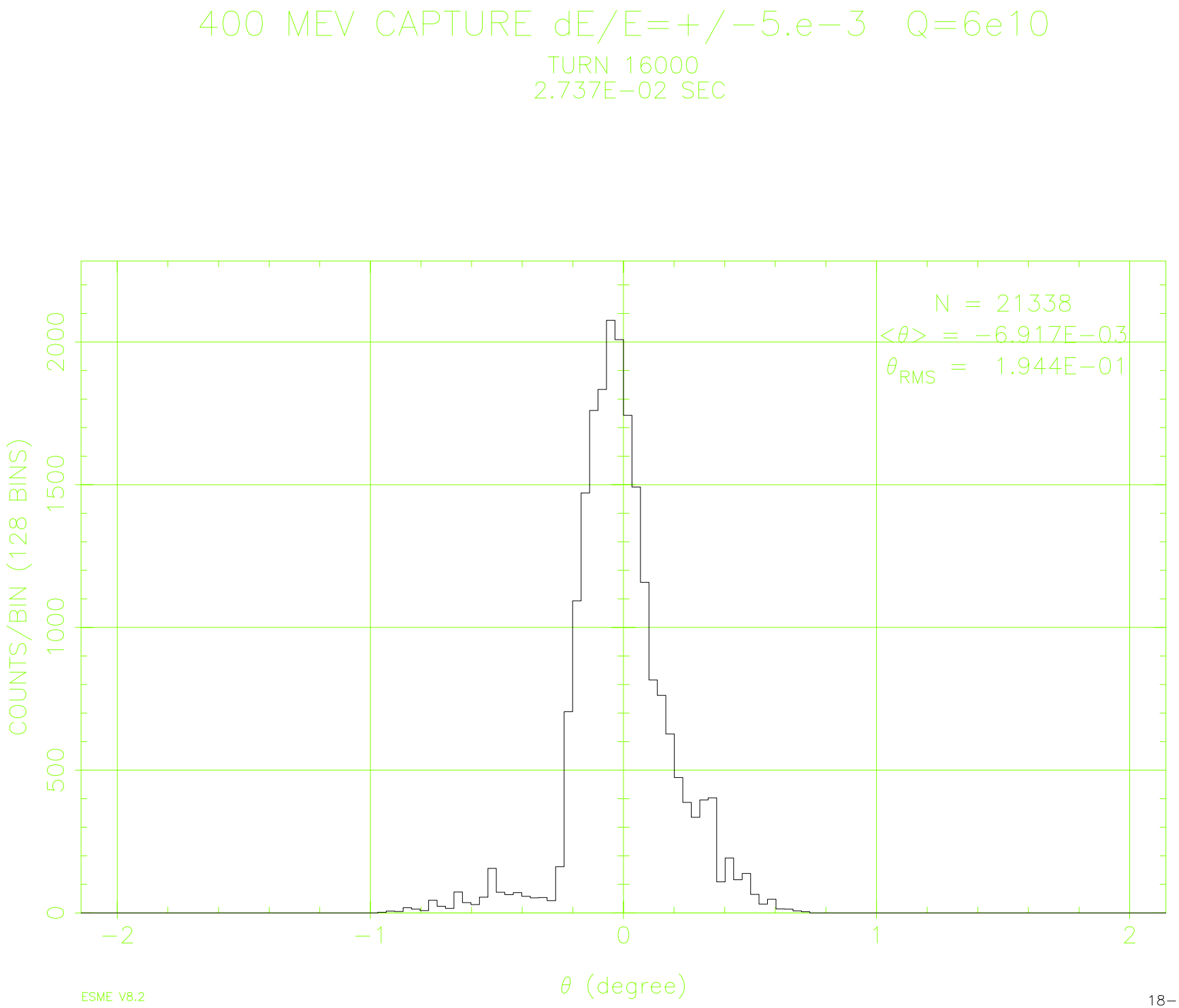

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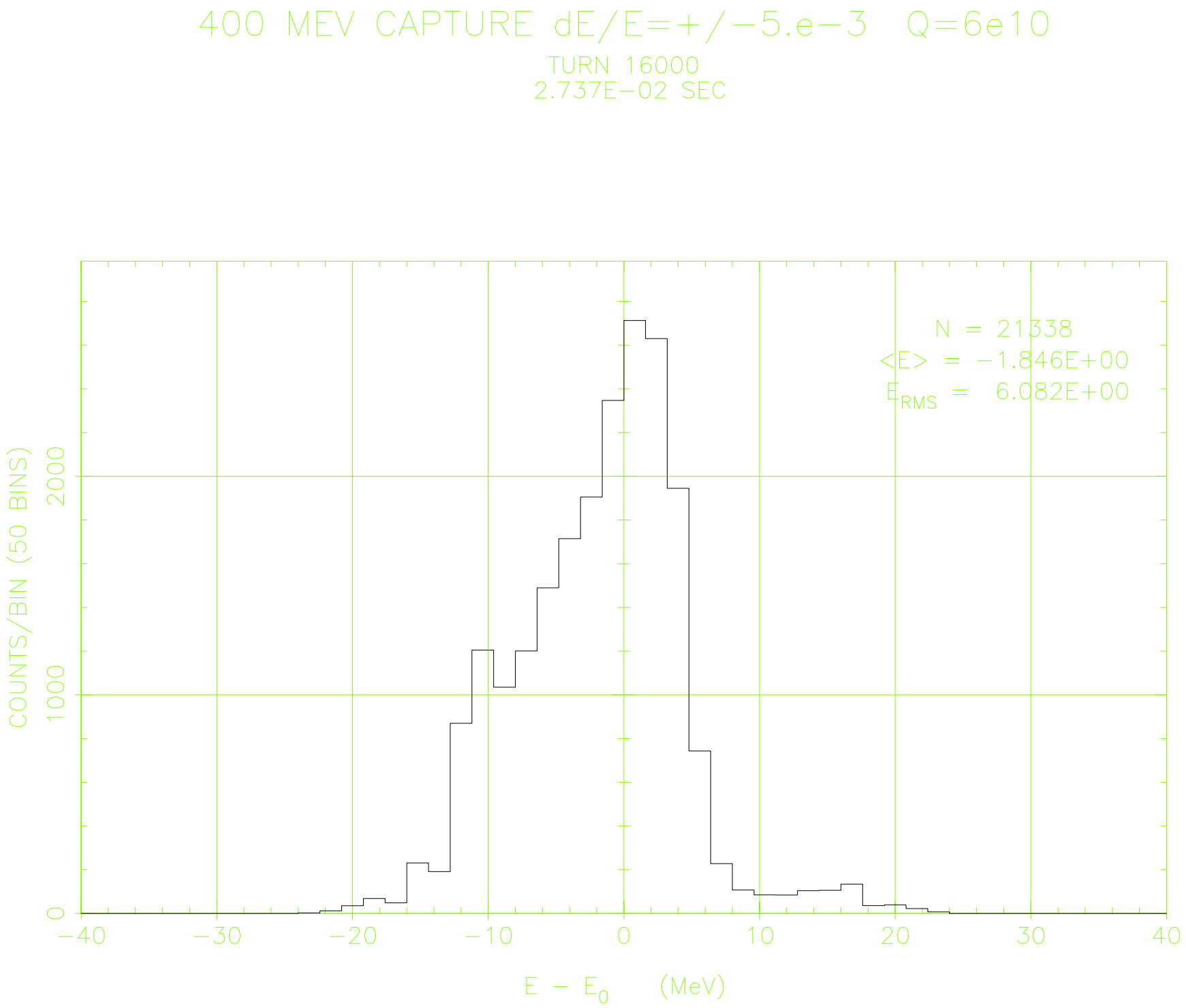
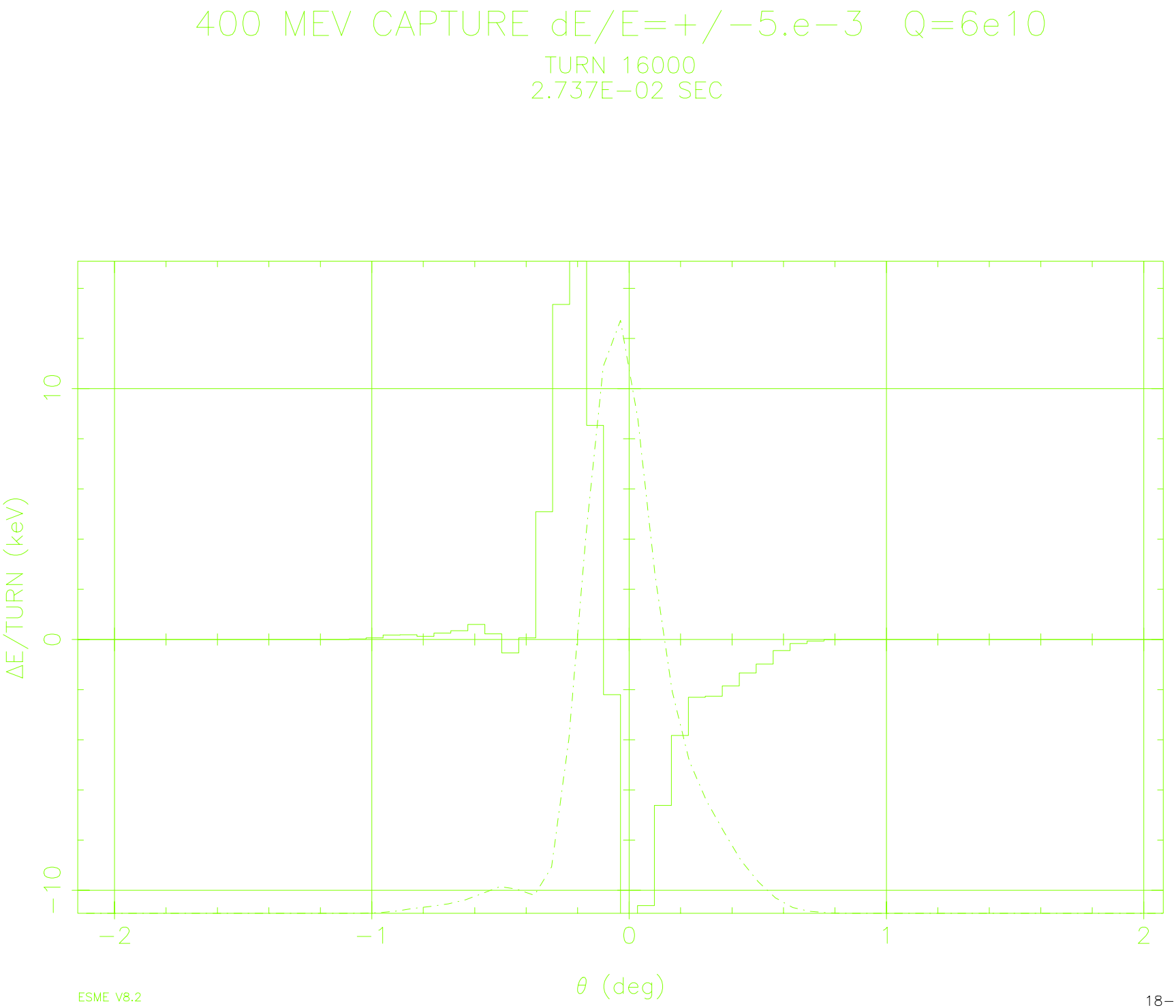
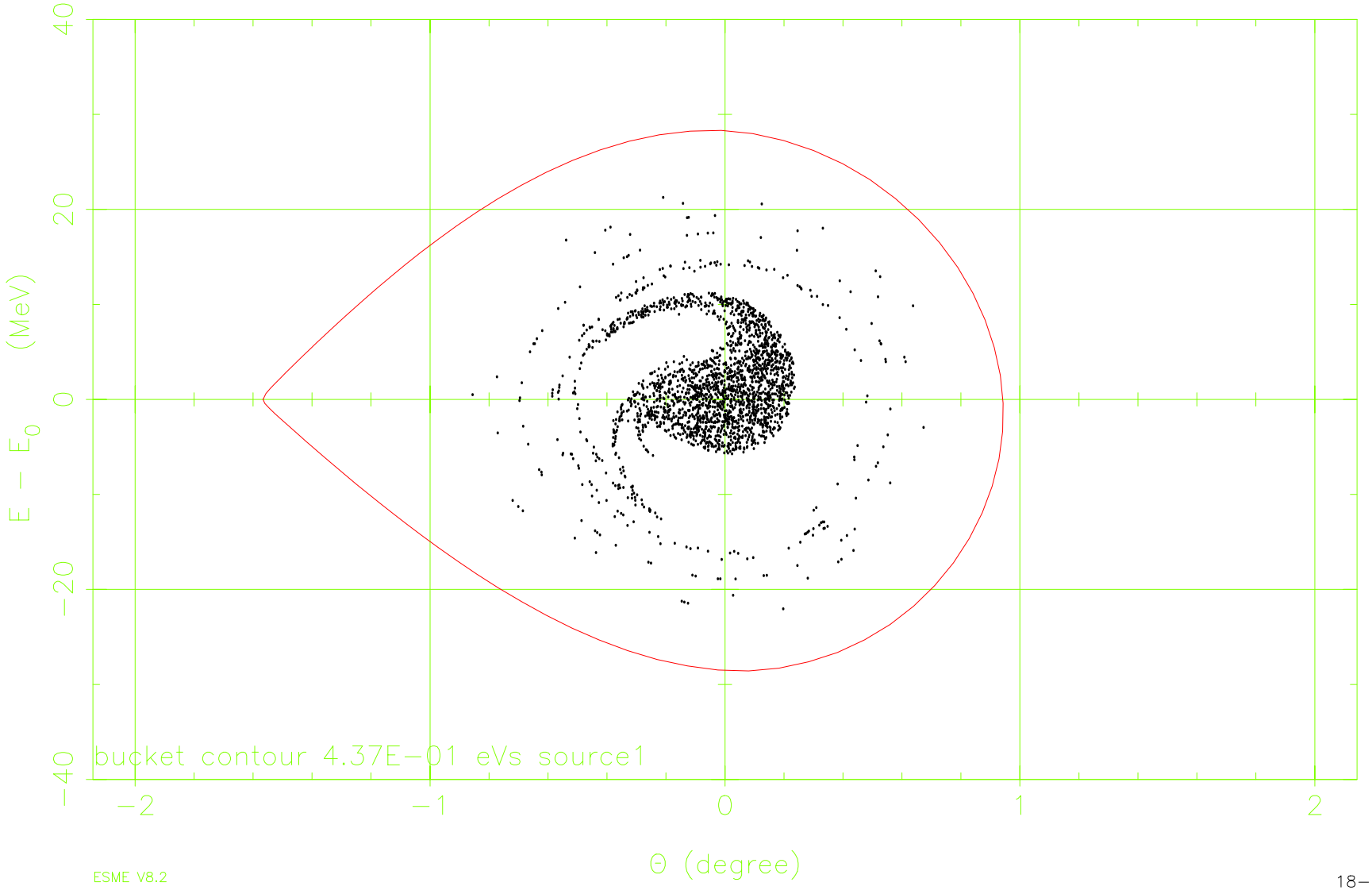

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 16000
2.737E-02 SEC
N = 21338
<E> = -1.846E+00
E_RMS = 6.082E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 16000
2.737E-02 SEC
ΔE/TURN (keV)
10
0
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:15

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 16800 2.864E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.8445E+01	4.3704E−01	8.6042E+03	84	6.017E−01	1.564E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.3503E−03	1.5215E+05	2.1825E−02			
τ (s)	S_b (eV s)	N			
1.5912E−06	1.0023E−01	21338			



ESME V8.2

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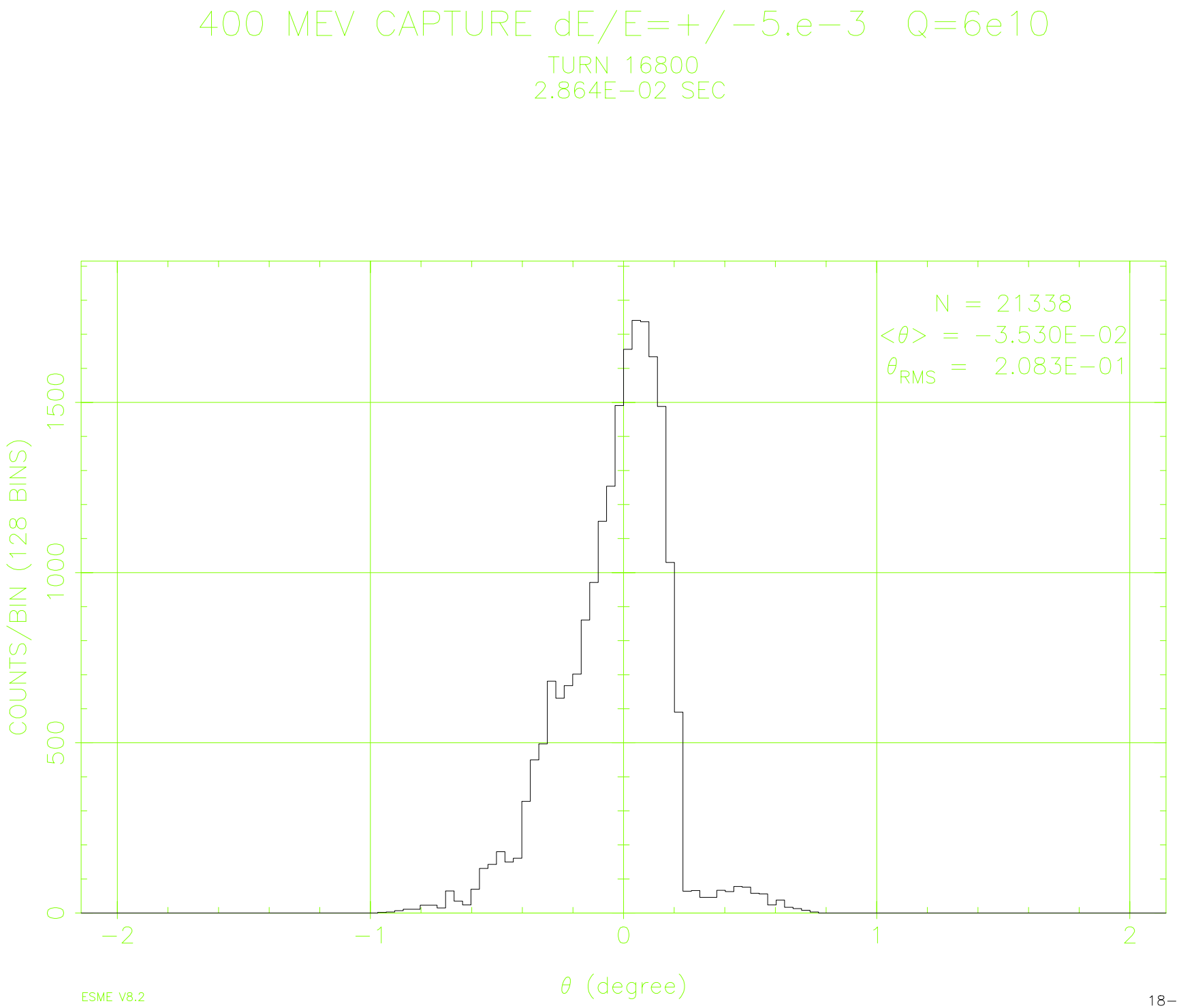
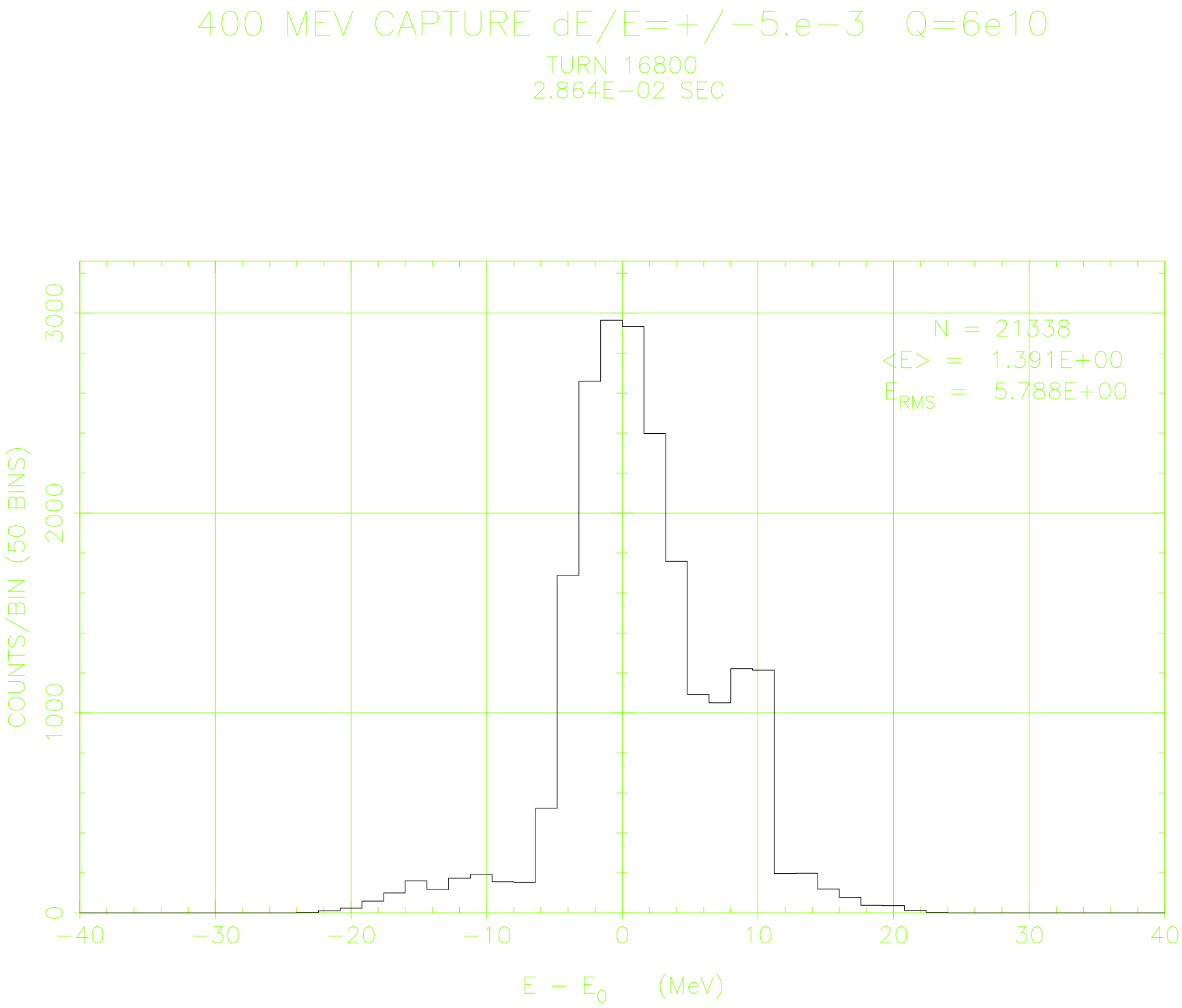
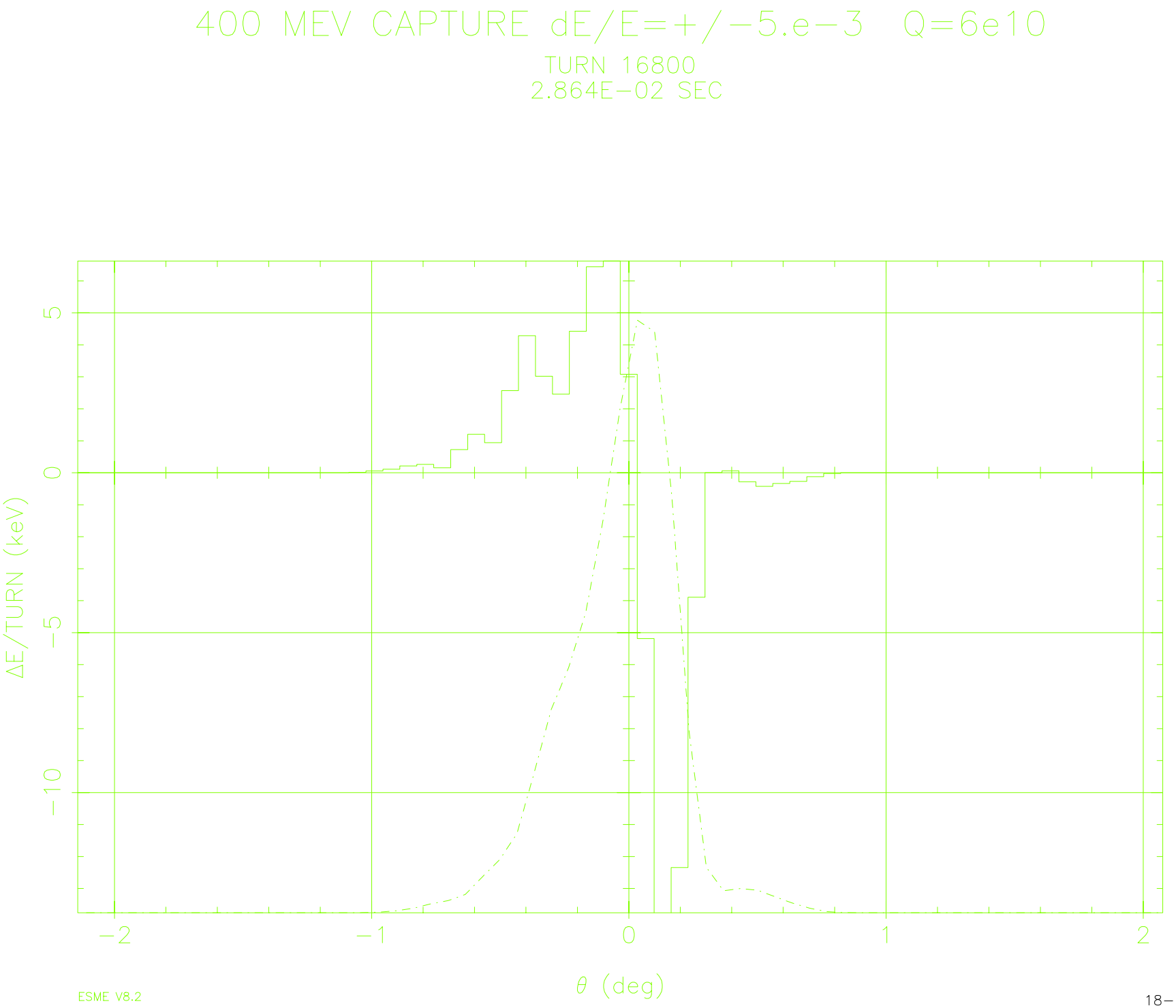

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 16800
2.864E-02 SEC
N = 21338
<θ> = -3.530E-02
θRMS = 2.083E-01
COUNTS/BIN (128 BINS)
0
500
1000
1500
-2
-1
0
1
2
θ (degree)
ESME V8.2
18-Feb-2002 17:16


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 16800
2.864E-02 SEC
N = 21338
<E> = 1.391E+00
E_RMS = 5.788E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 16800
2.864E-02 SEC
5
0
-5
-10
ΔE/TURN (keV)
-2
-1
0
1
2
θ (deg)
ESME V8.2
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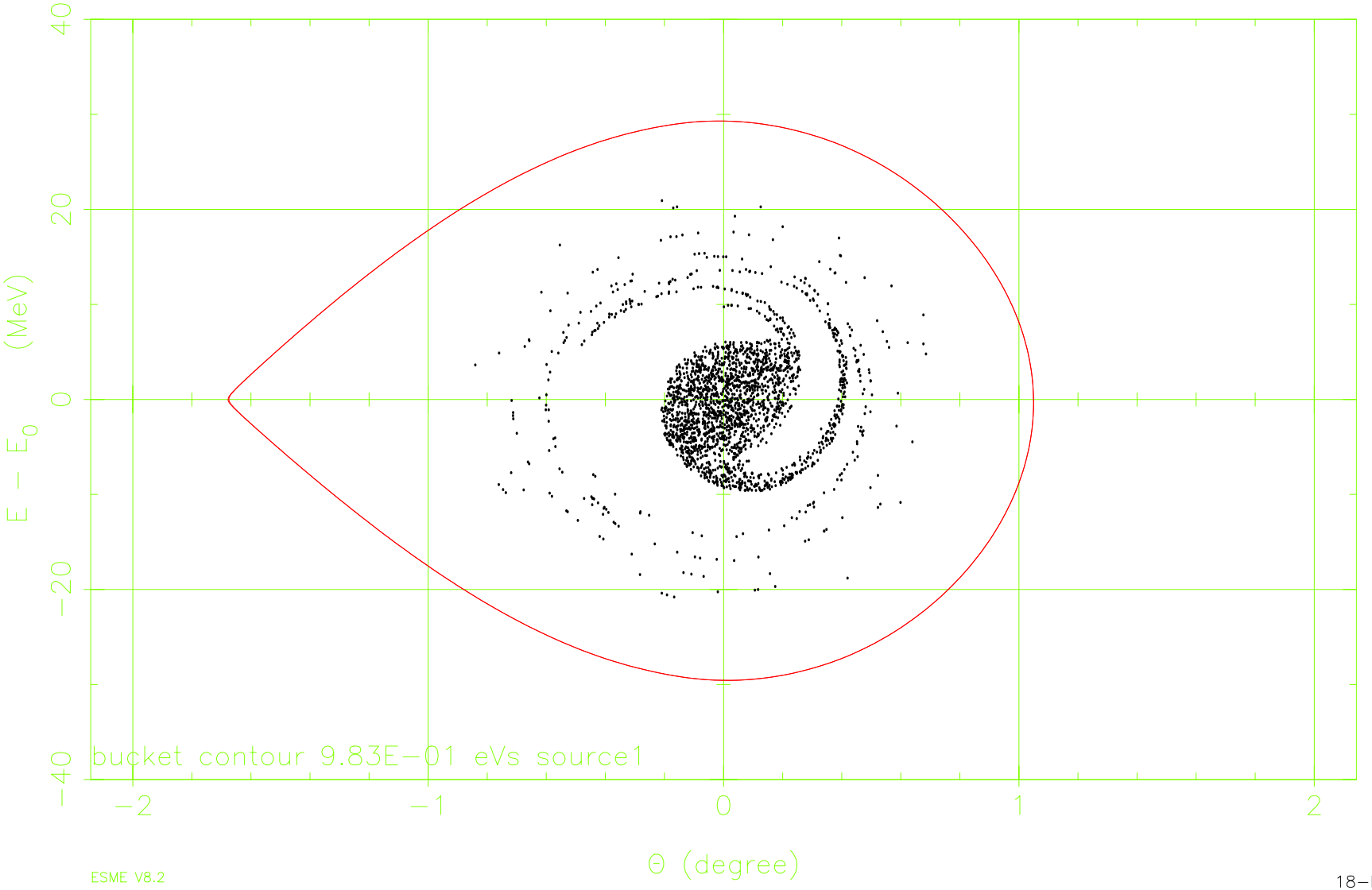
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 17600 2.992E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
2.9428E+01	9.8281E−01	8.7697E+03	84	5.351E−01	1.612E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
4.1703E−03	1.0925E+05	2.2270E−02			
τ (s)	S_b (eV s)	N			
1.5909E−06	1.0190E−01	21338			



ESME V8.2

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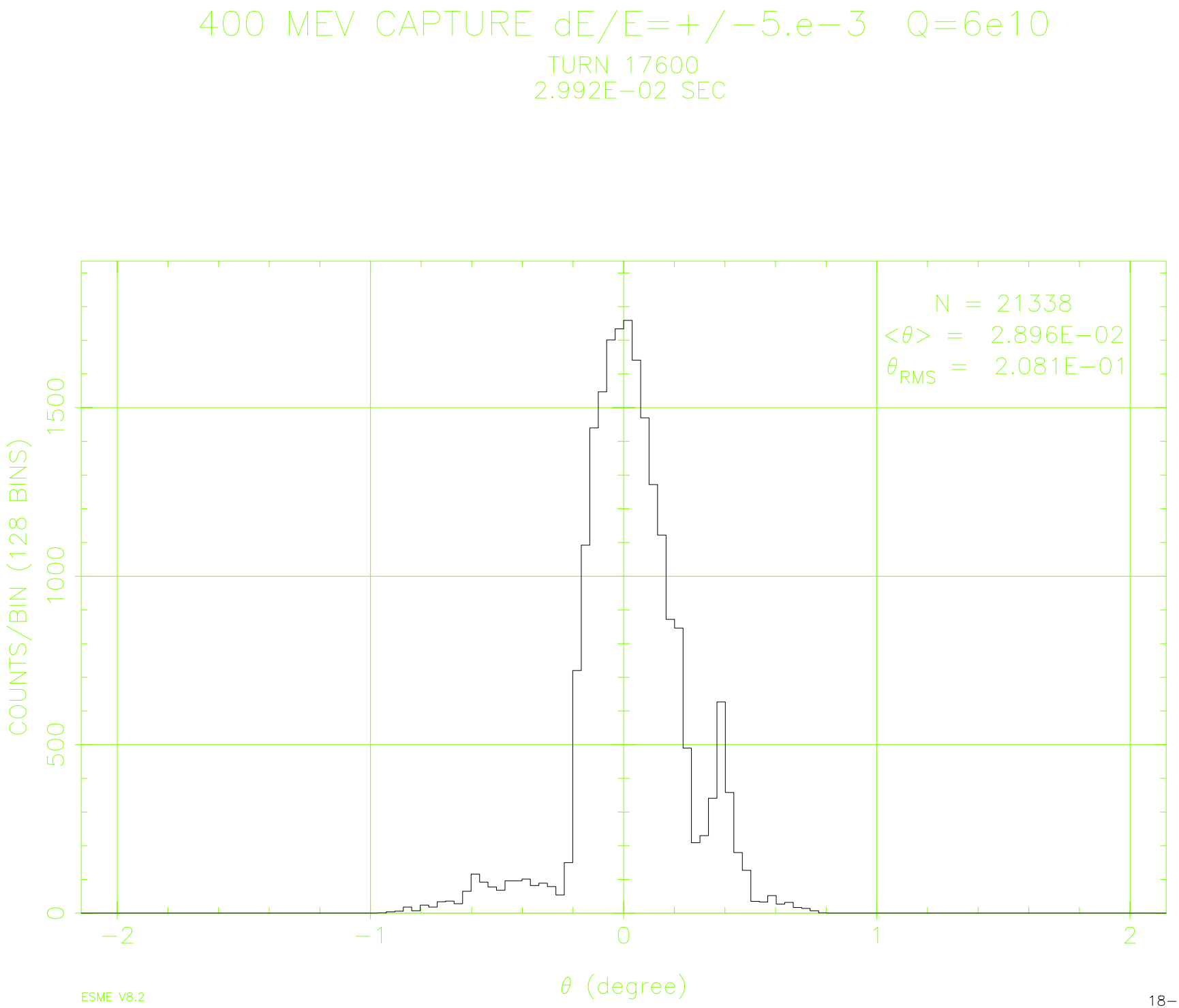

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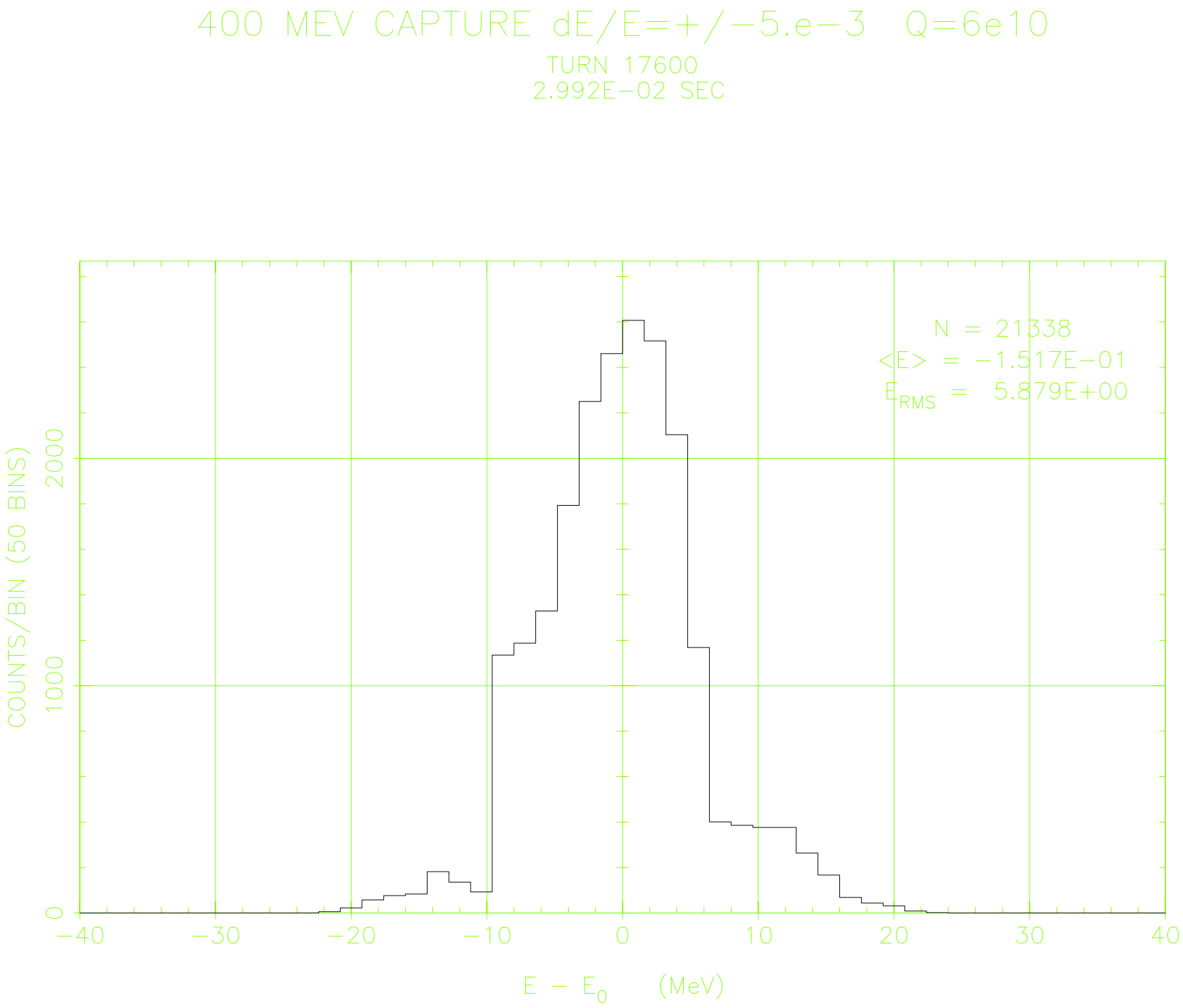
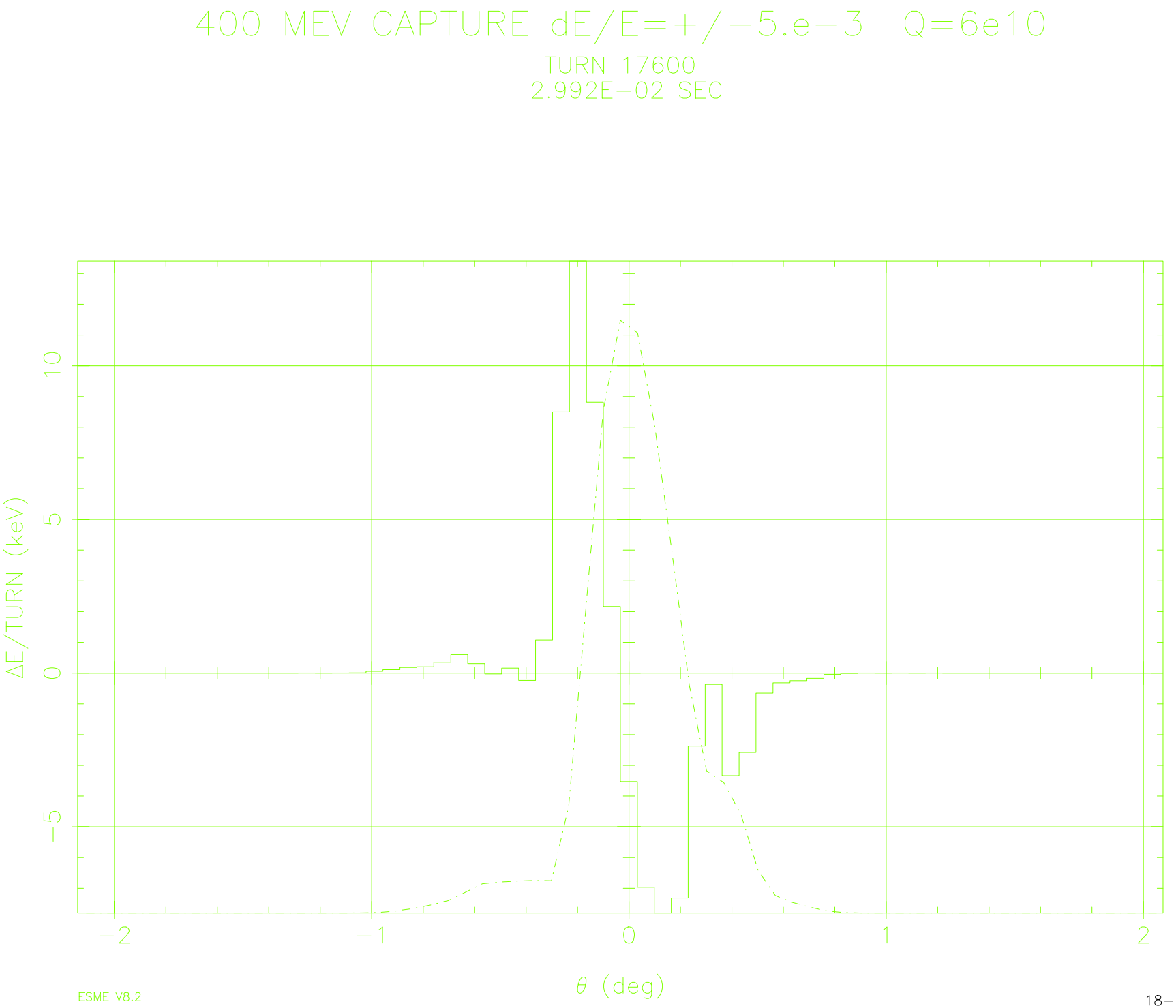
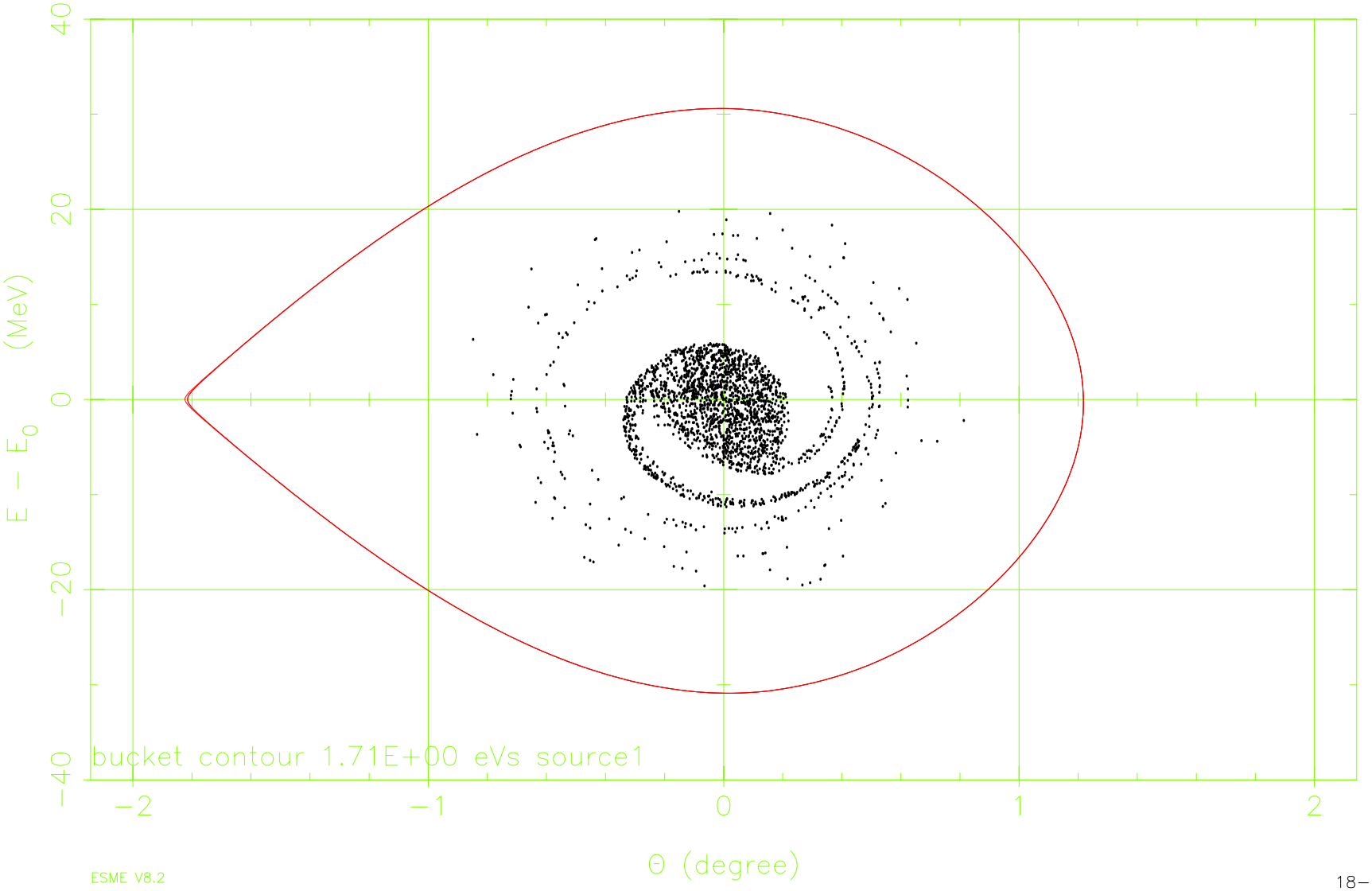

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 17600
2.992E-02 SEC
N = 21338
<E> = -1.517E-01
E_RMS = 5.879E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 17600
2.992E-02 SEC
ΔE/TURN (keV)
10
5
0
-5
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:16

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 18400 3.119E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.0748E+01	1.7128E+00	8.8799E+03	84	4.685E−01	1.674E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.9621E−03	6.4754E+04	2.2552E−02			
τ (s)	S_b (eV s)	N			
1.5906E−06	1.0186E−01	21338			



ESME V8.2

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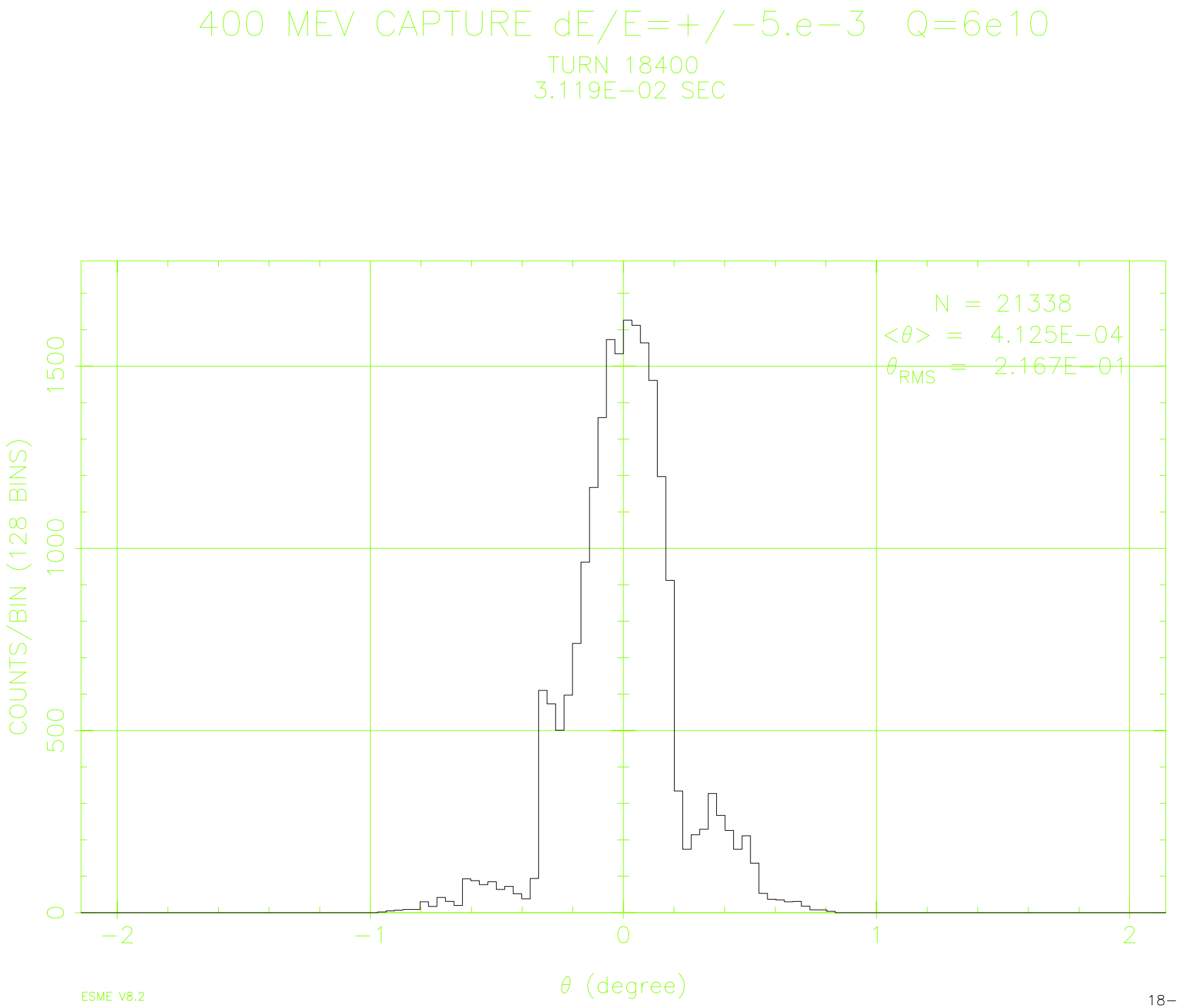

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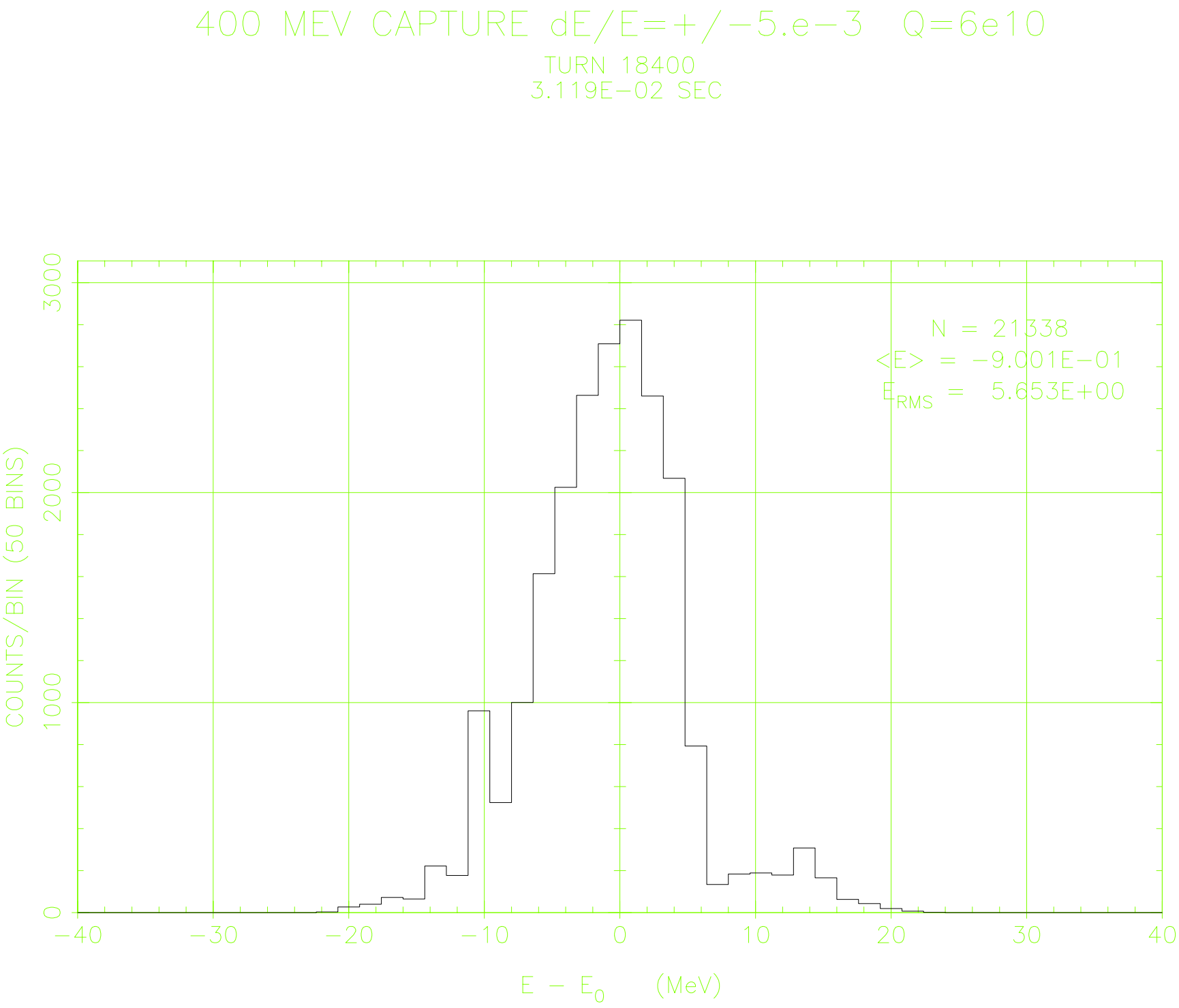
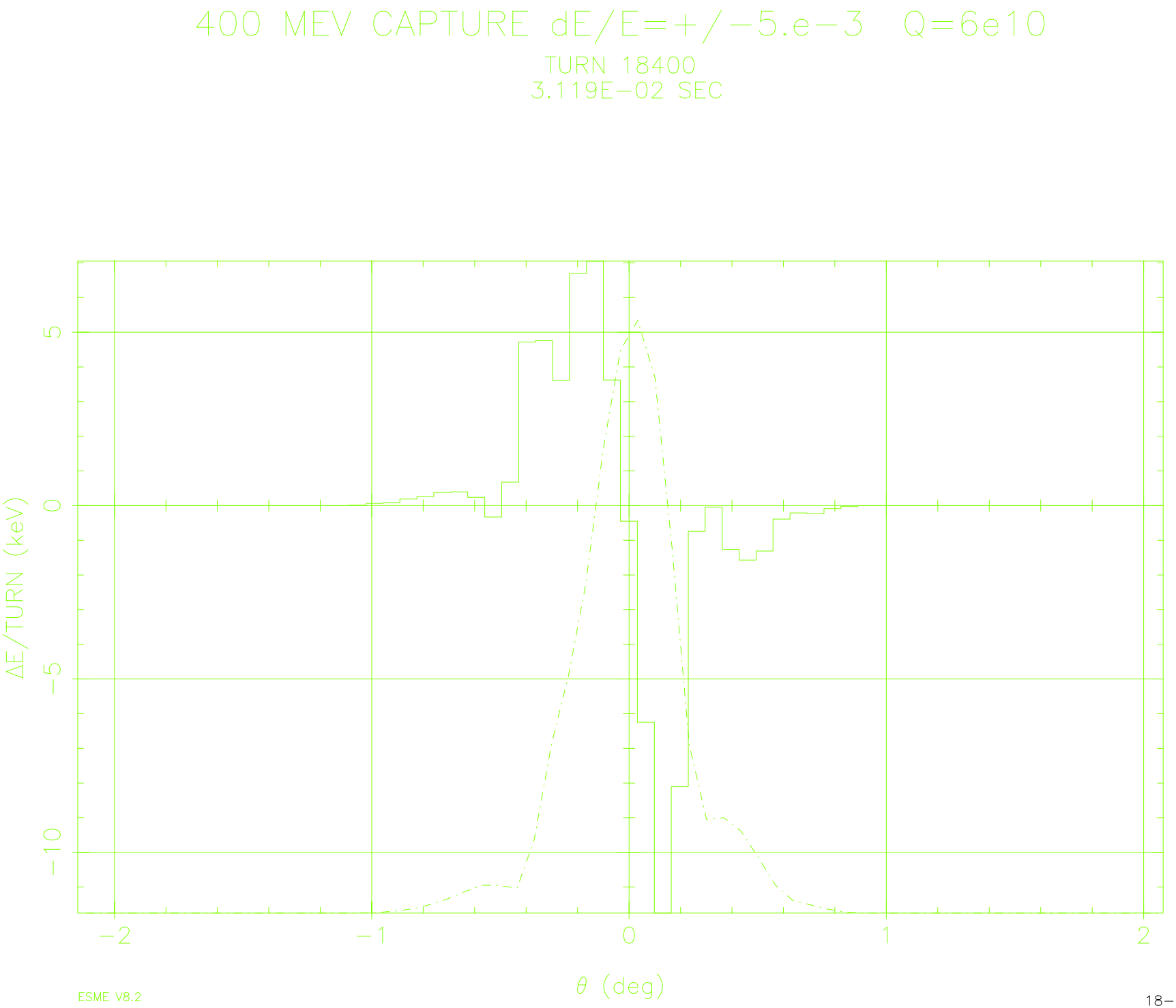
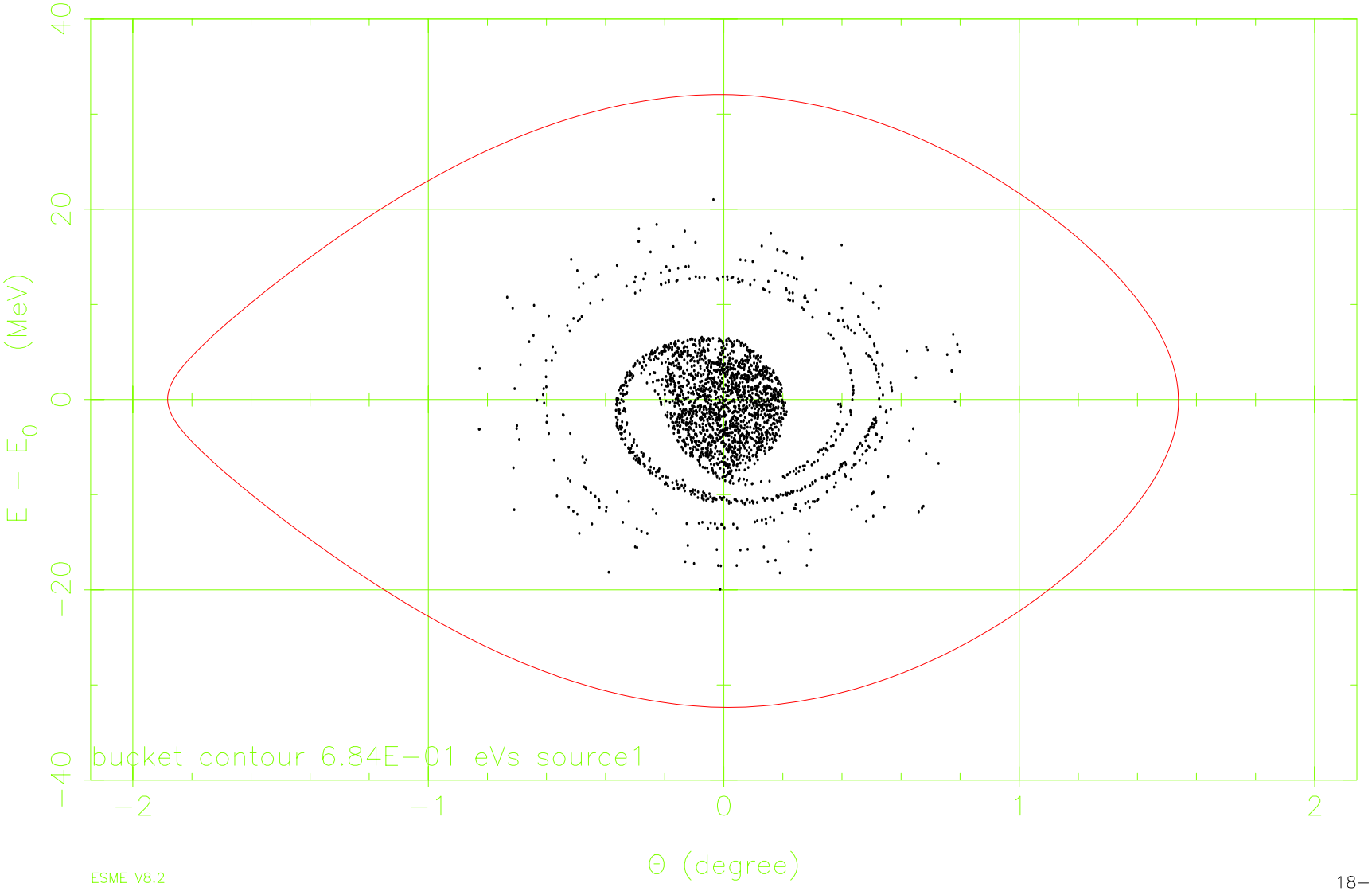

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 18400
3.119E-02 SEC
N = 21338
<E> = -9.001E-01
E_RMS = 5.653E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 18400
3.119E-02 SEC
ΔE/TURN (keV)
5
0
-5
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:17

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 19200 3.246E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.2214E+01	6.8353E−01	8.9331E+03	84	4.020E−01	1.756E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.7092E−03	1.9315E+04	2.2685E−02			
τ (s)	S_b (eV s)	N			
1.5905E−06	1.0237E−01	21338			



ESME V8.2

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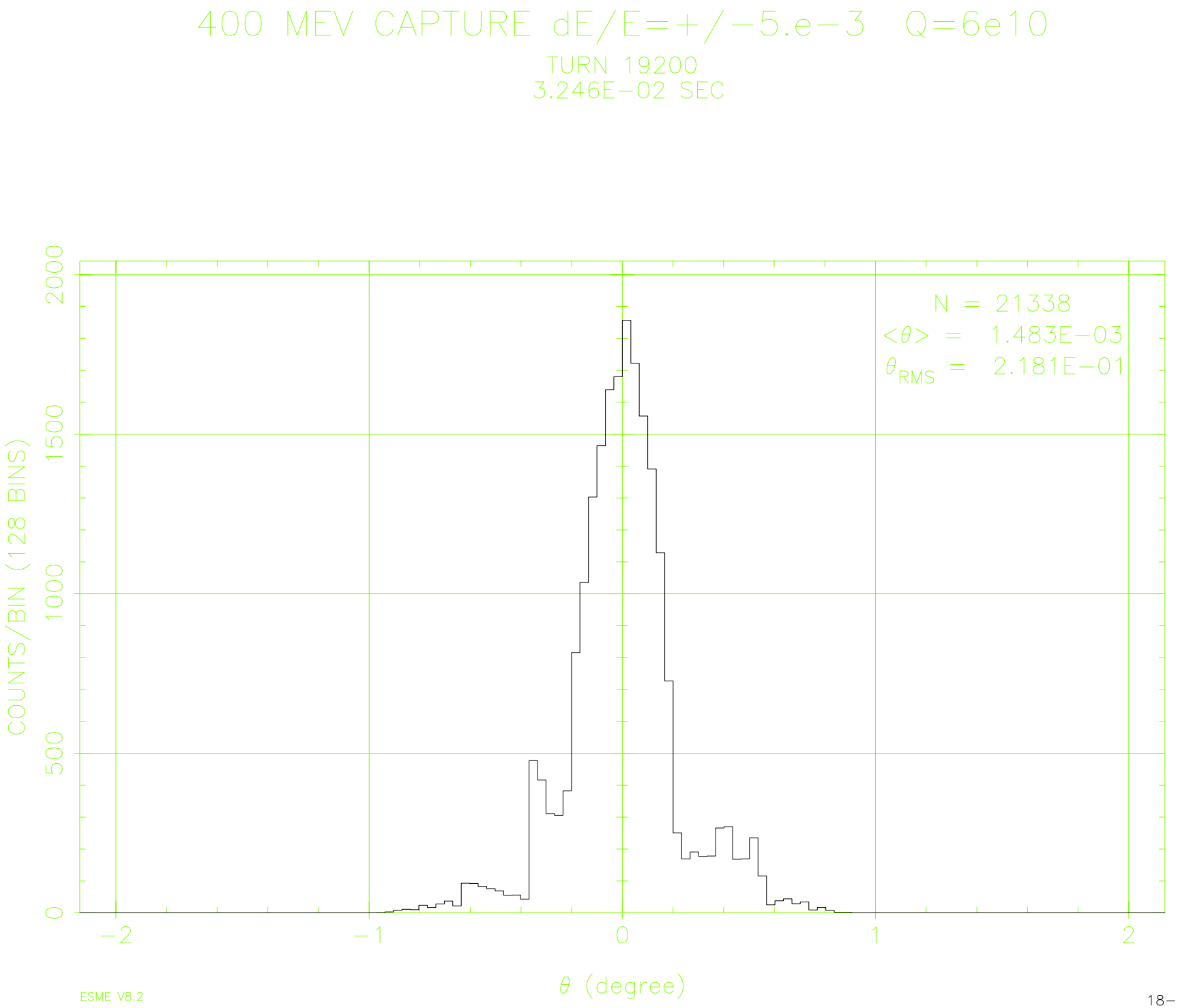

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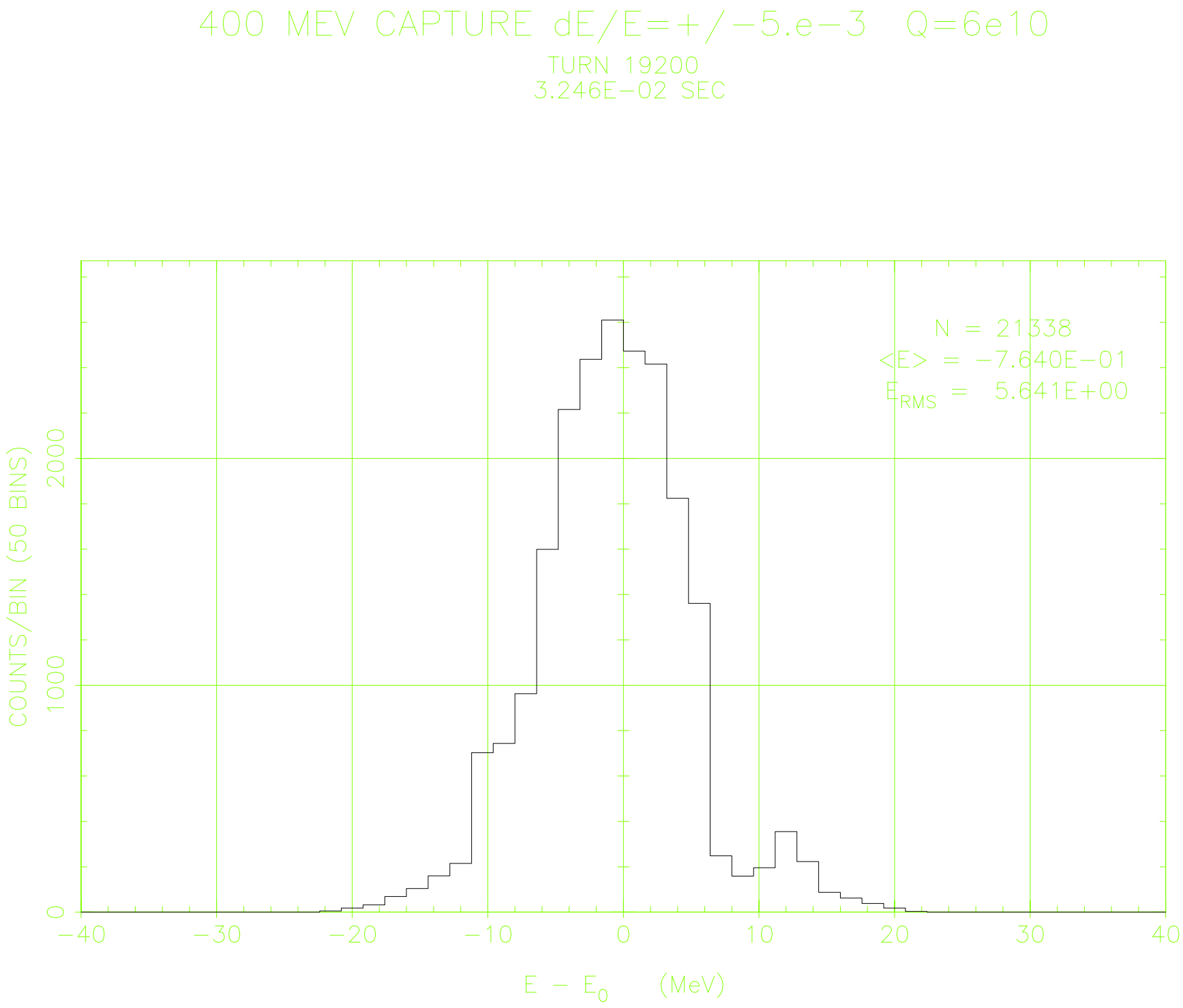
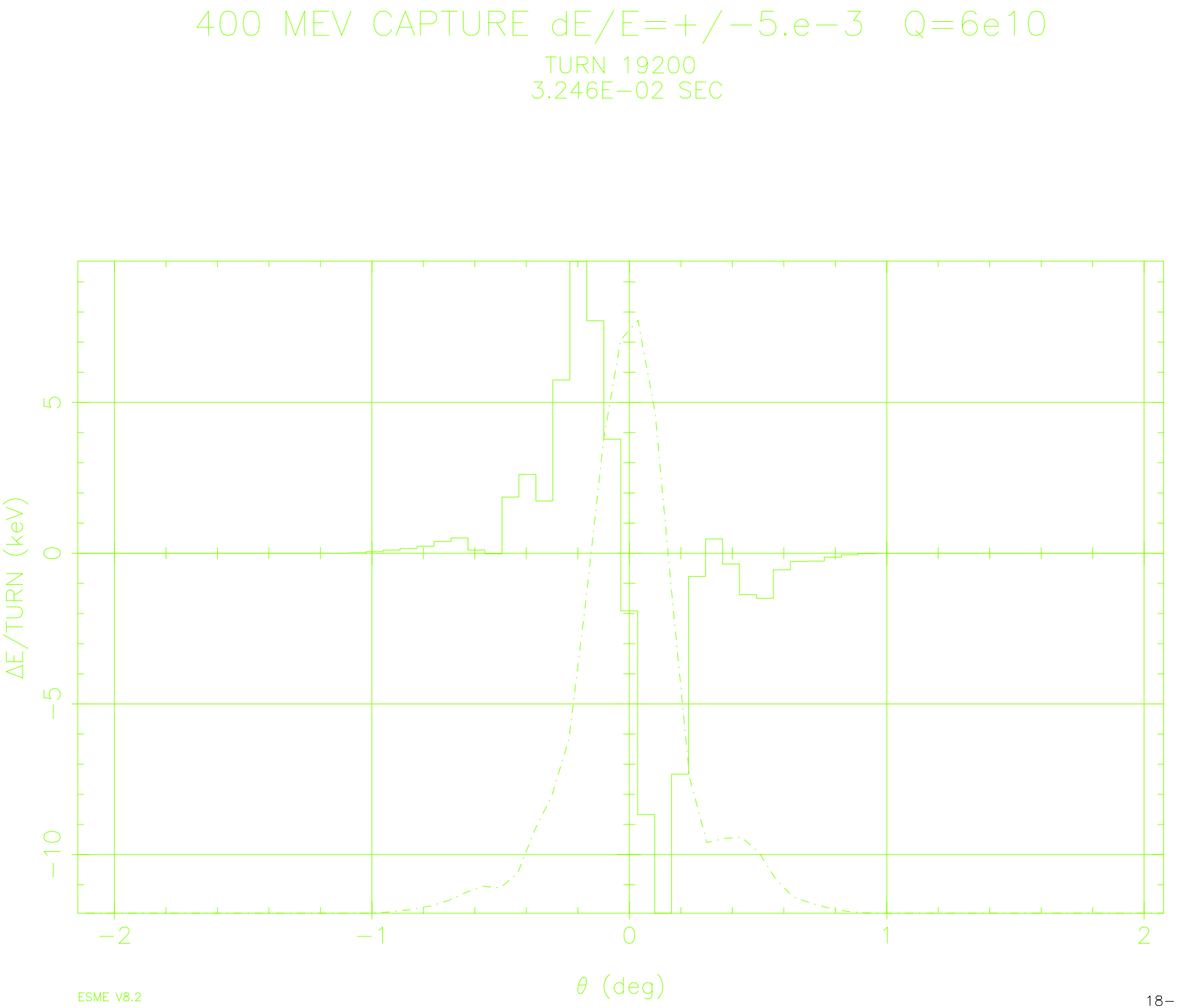

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19200
3.246E-02 SEC
N = 21338
<E> = -7.640E-01
E_RMS = 5.641E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)



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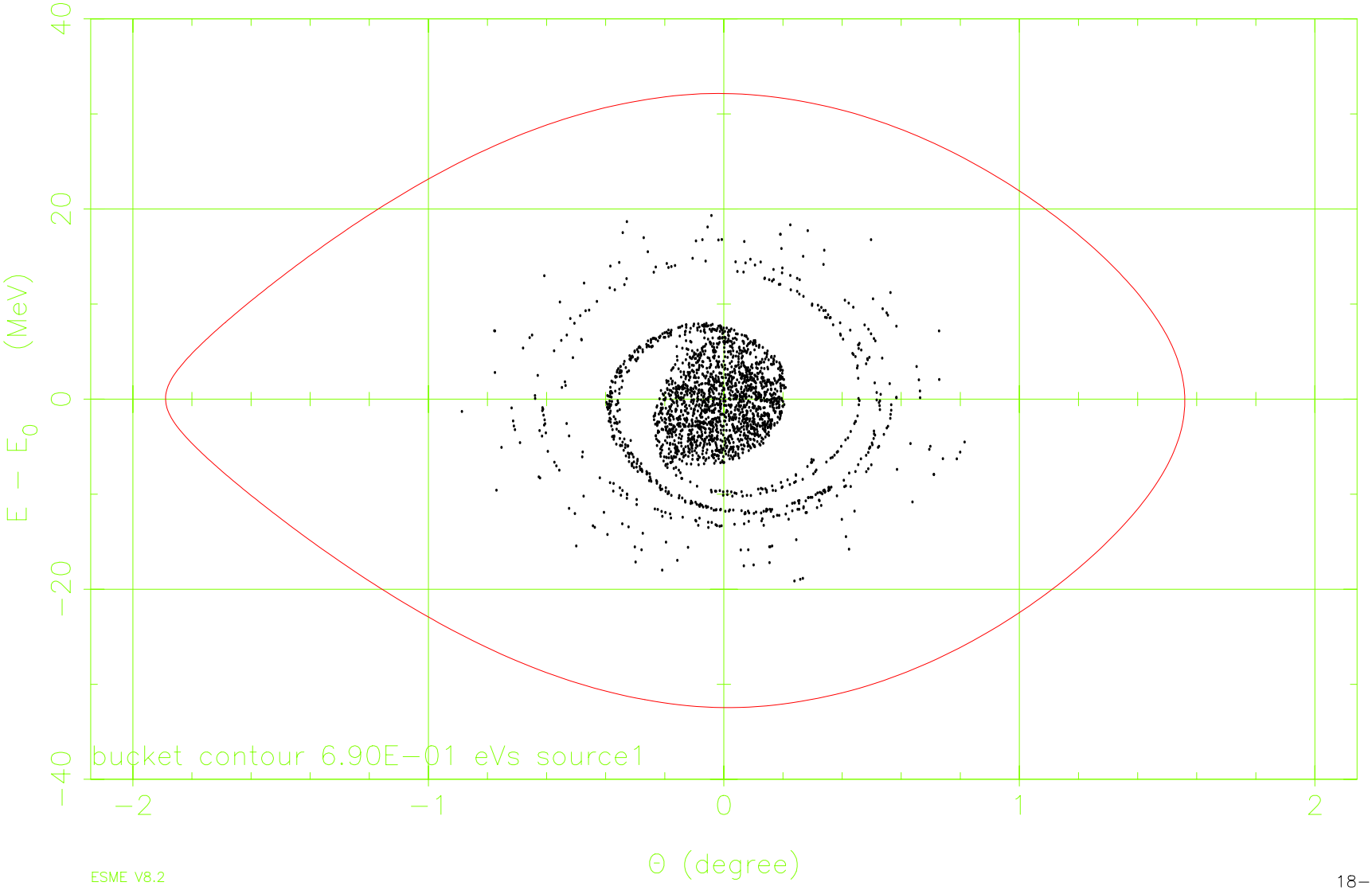
400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 19229 3.251E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.2302E+01	6.9026E−01	8.9340E+03	84	4.000E−01	1.760E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.7010E−03	1.7659E+04	2.2687E−02			
τ (s)	S_b (eV s)	N			
1.5905E−06	1.0228E−01	21338			



ESME V8.2

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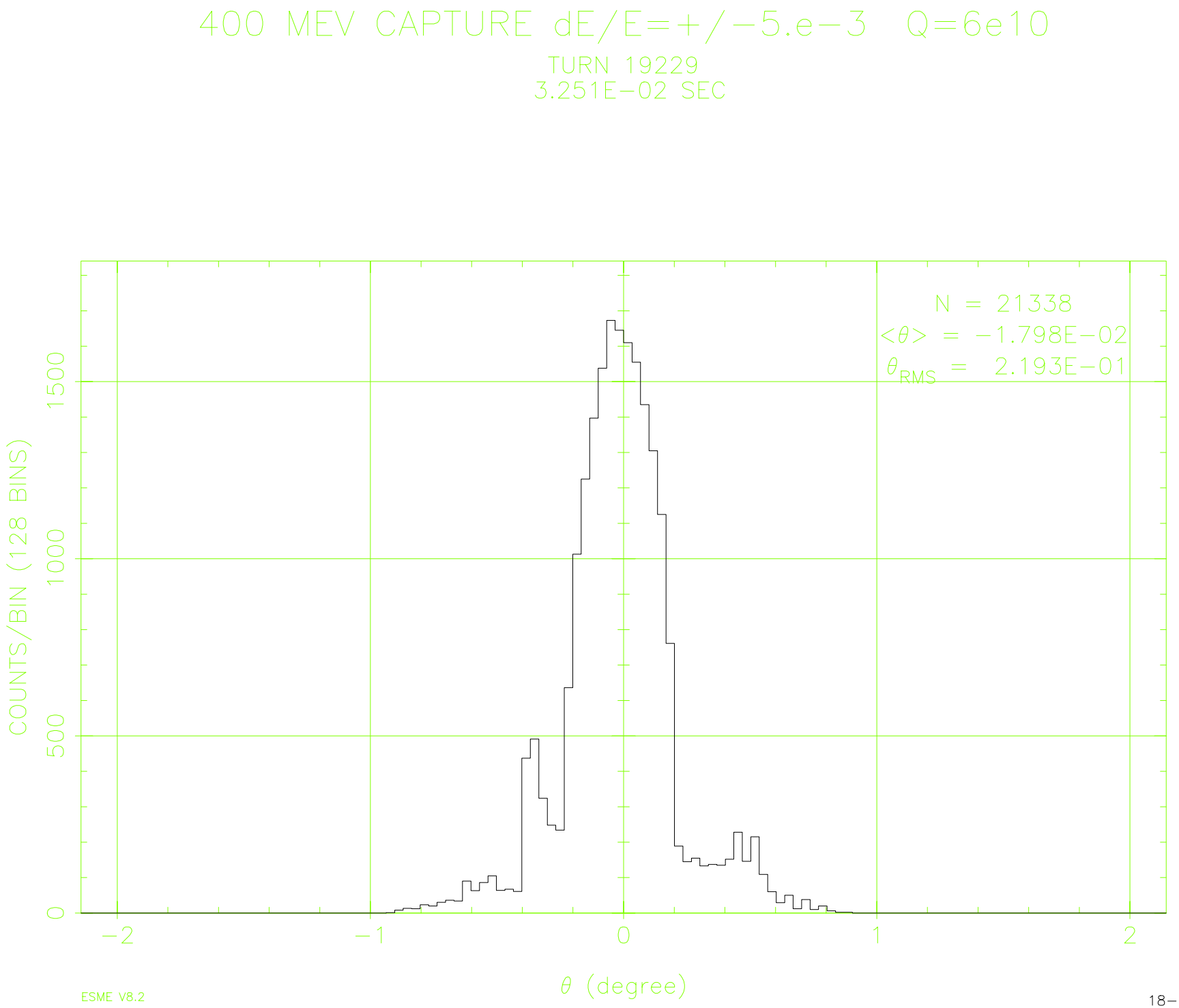

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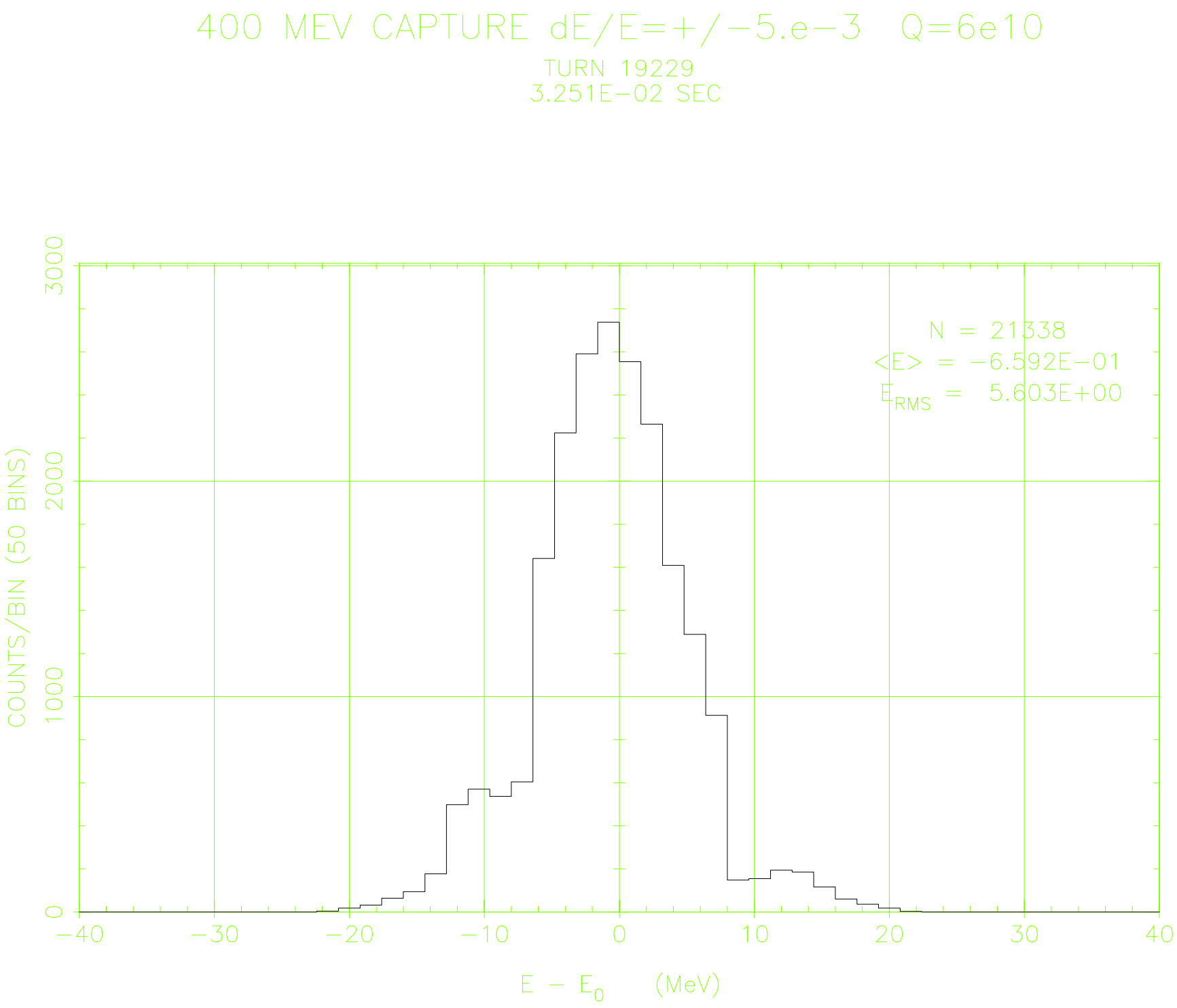
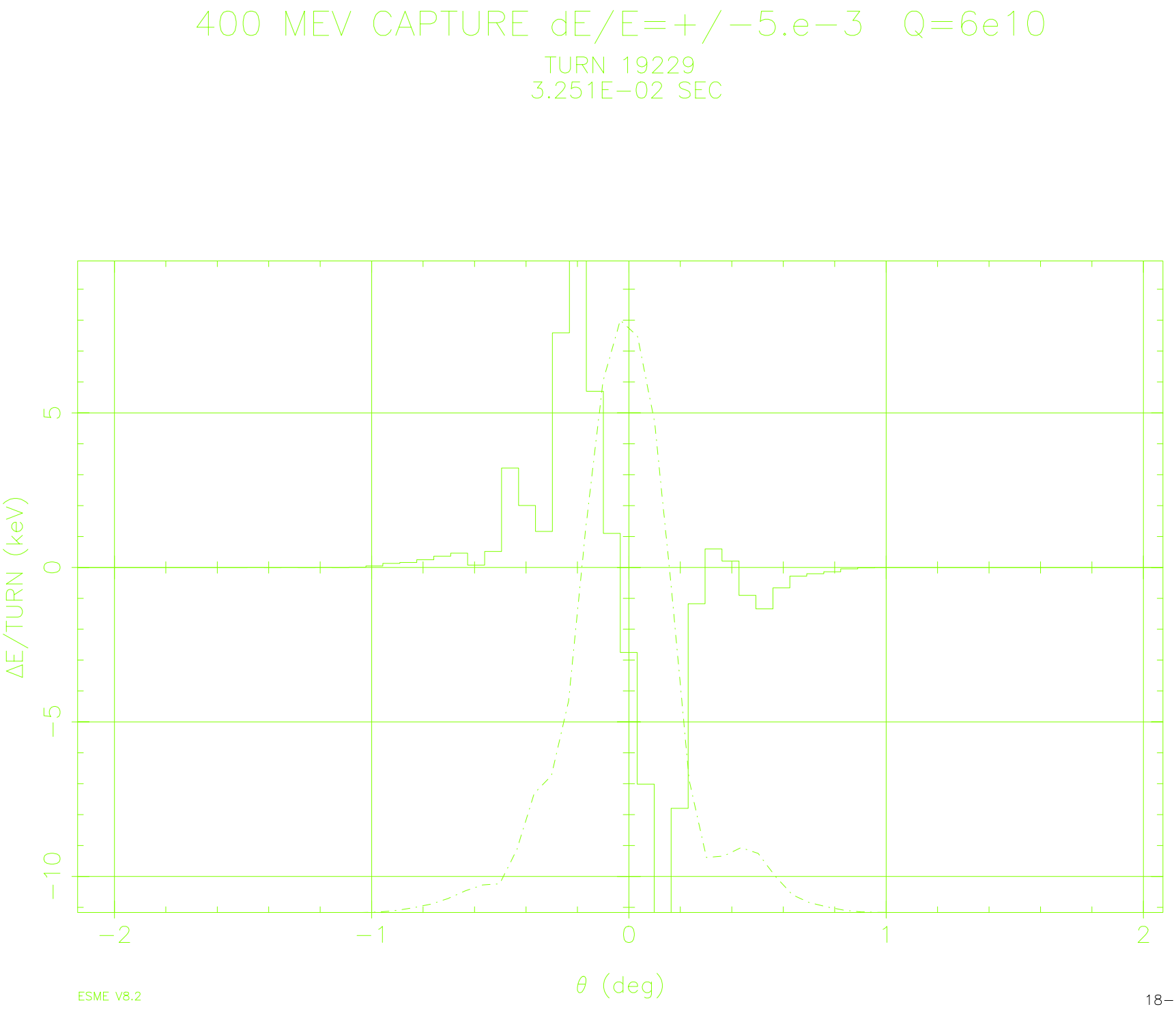
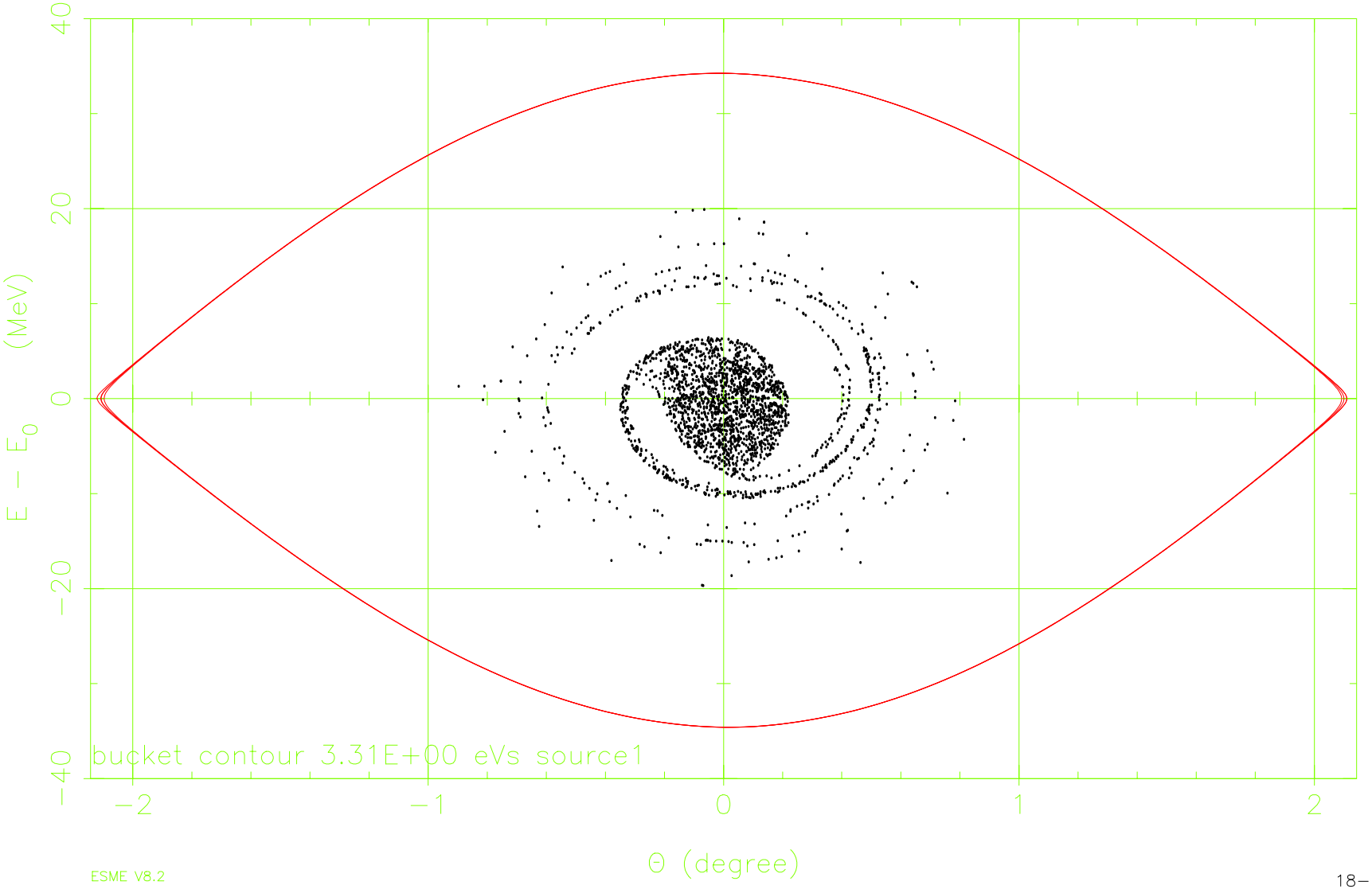

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19229
3.251E-02 SEC
N = 21338
<E> = -6.592E-01
E_RMS = 5.603E+00
COUNTS/BIN (50 BINS)
0
1000
2000
3000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19229
3.251E-02 SEC
ΔE/TURN (keV)
5
0
-5
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
18-Feb-2002 17:17

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 19732 3.331E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.4428E+01	3.3076E+00	8.9383E+03	84	4.000E−01	1.800E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.7055E−03	3.0970E−11	2.2697E−02			
τ (s)	S_b (eV s)	N			
1.5905E−06	1.0257E−01	21338			



ESME V8.2

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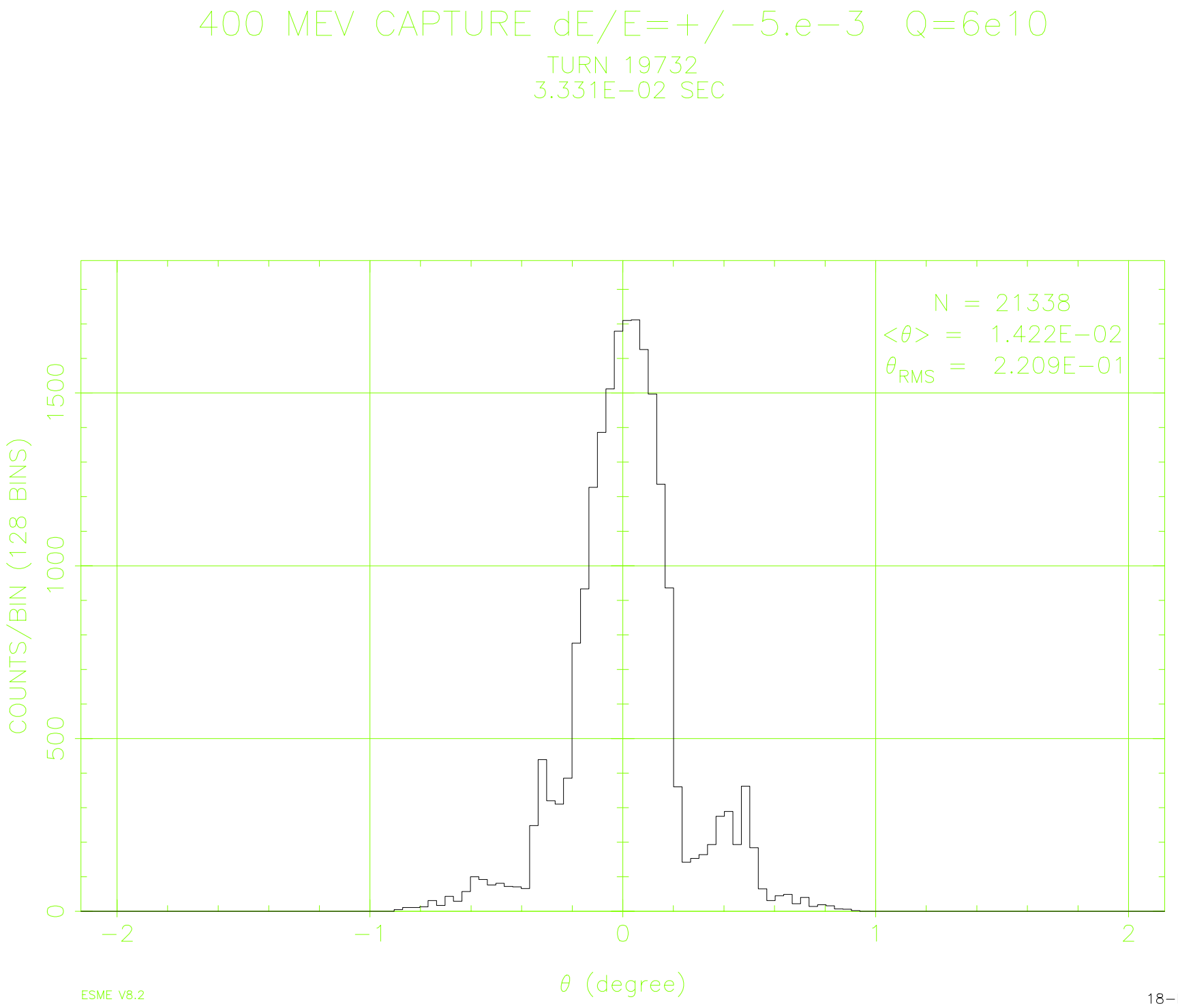

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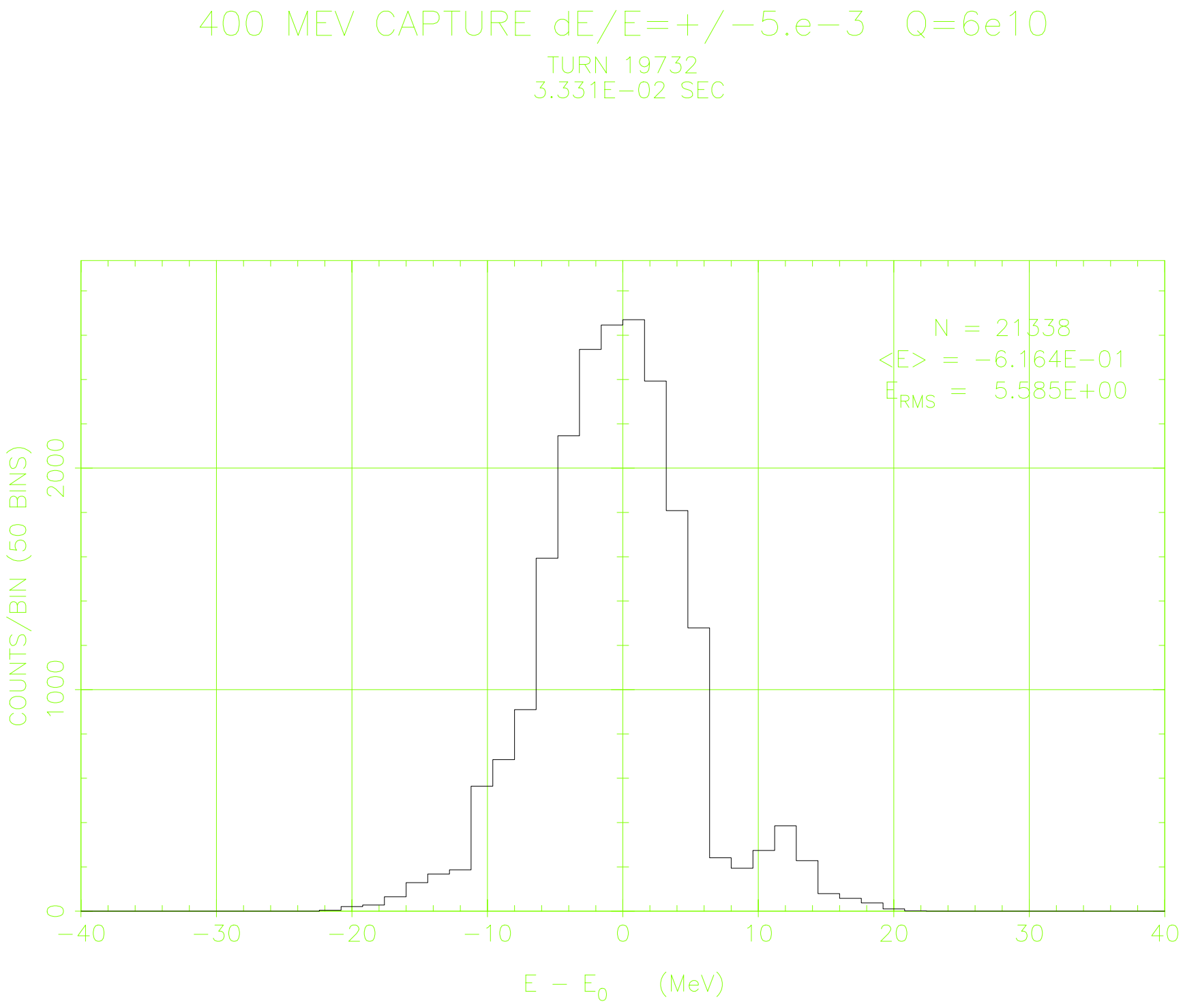
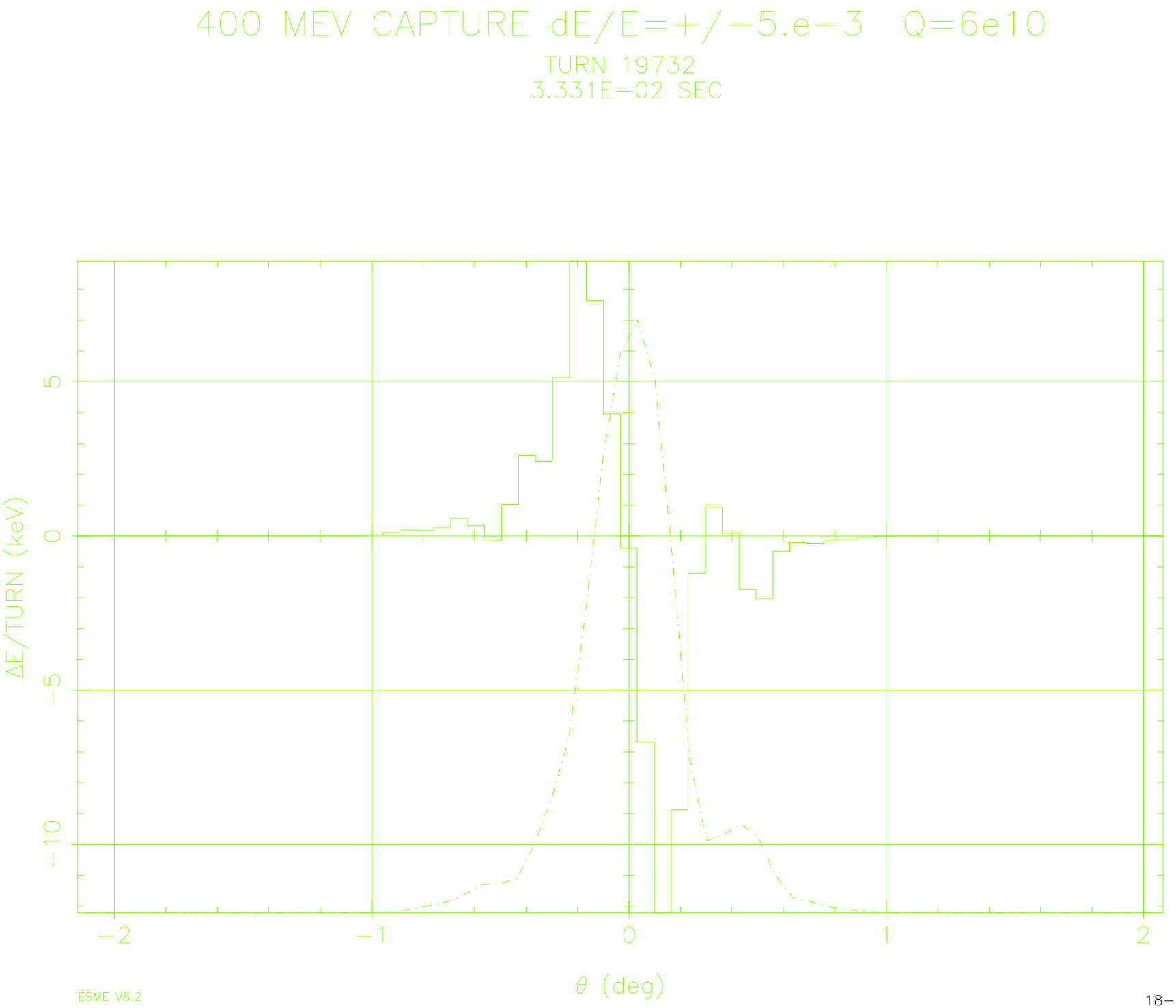

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19732
3.331E-02 SEC
N = 21338
<E> = -6.164E-01
E_RMS = 5.585E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19732
3.331E-02 SEC
ΔE/TURN (keV)
5
0
-5
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
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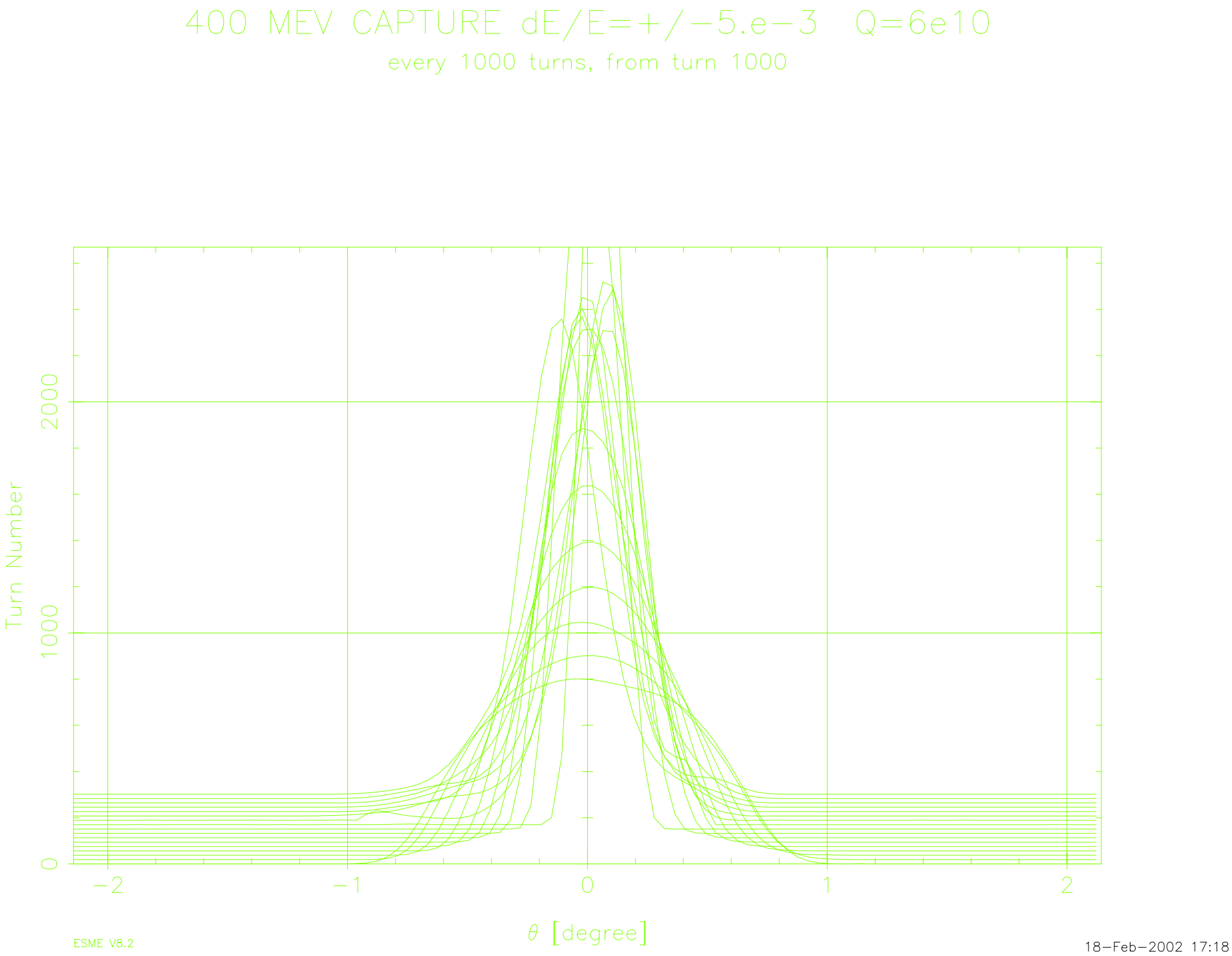
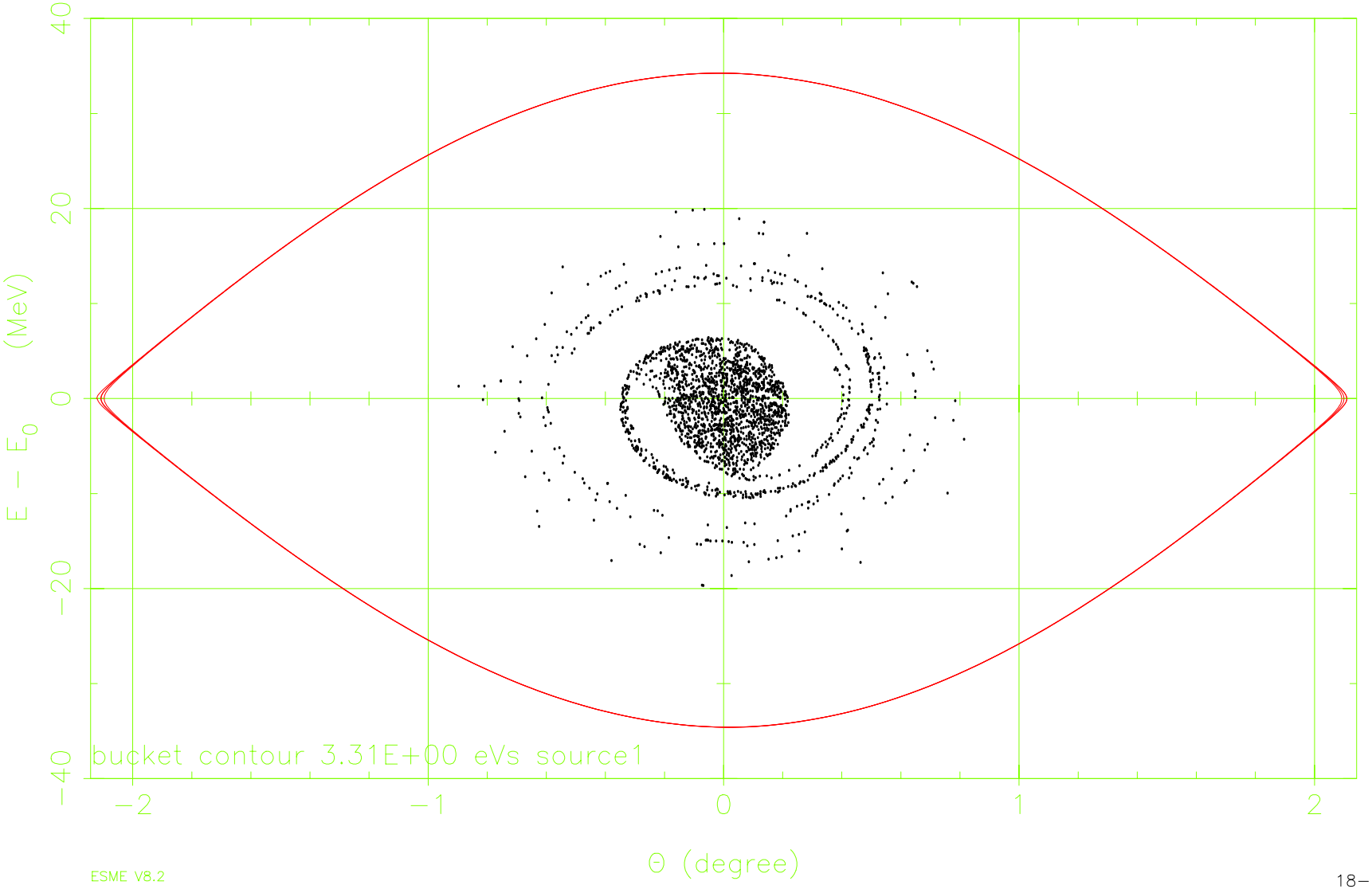

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
every 1000 turns, from turn 1000
Turn Number
0
1000
2000
-2
-1
0
1
2
θ [degree]
ESME V8.2
18-Feb-2002 17:18

400 MEV CAPTURE dE/E=+/−5.e−3 Q=6e10

TURN 19732 3.331E−02 sec

H_B (MeV)	S_B (eV s)	E_S (MeV)	h	V (MV)	ψ (deg)
3.4428E+01	3.3076E+00	8.9383E+03	84	4.000E−01	1.800E+02
ν_S (turn^{-1})	pdot (MeV s^{-1})	η			
3.7055E−03	3.0970E−11	2.2697E−02			
τ (s)	S_b (eV s)	N			
1.5905E−06	1.0257E−01	21338			



ESME V8.2

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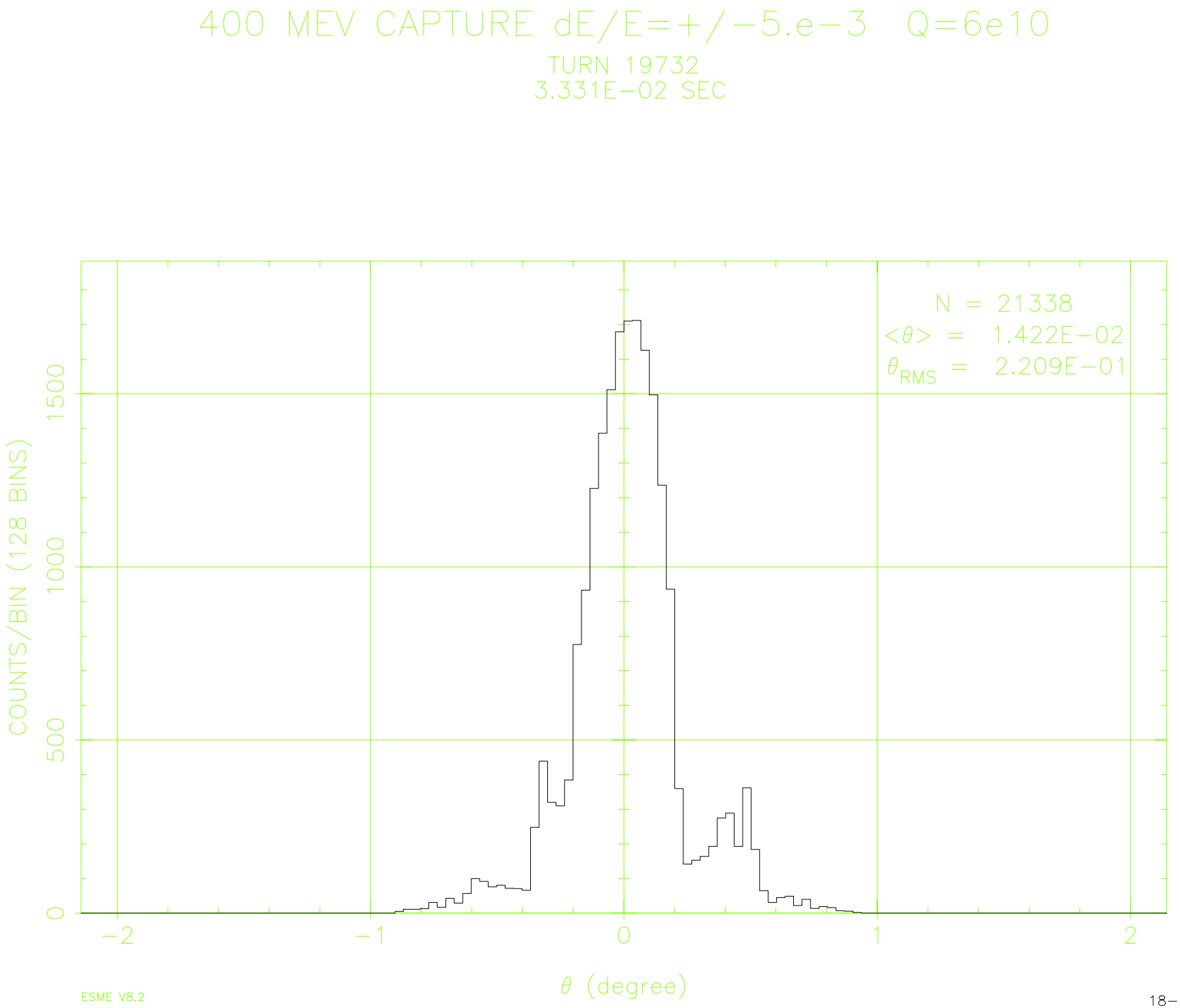

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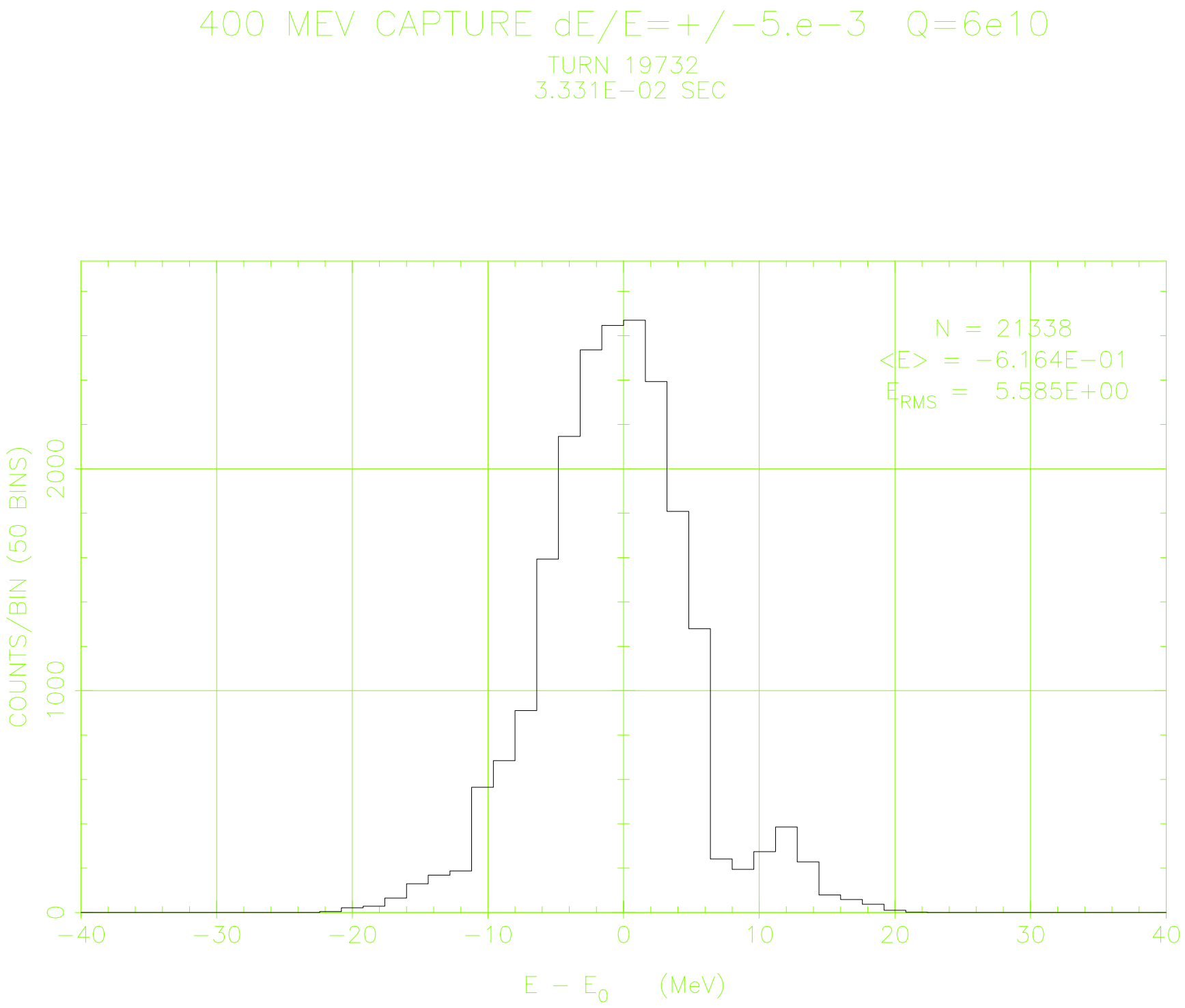
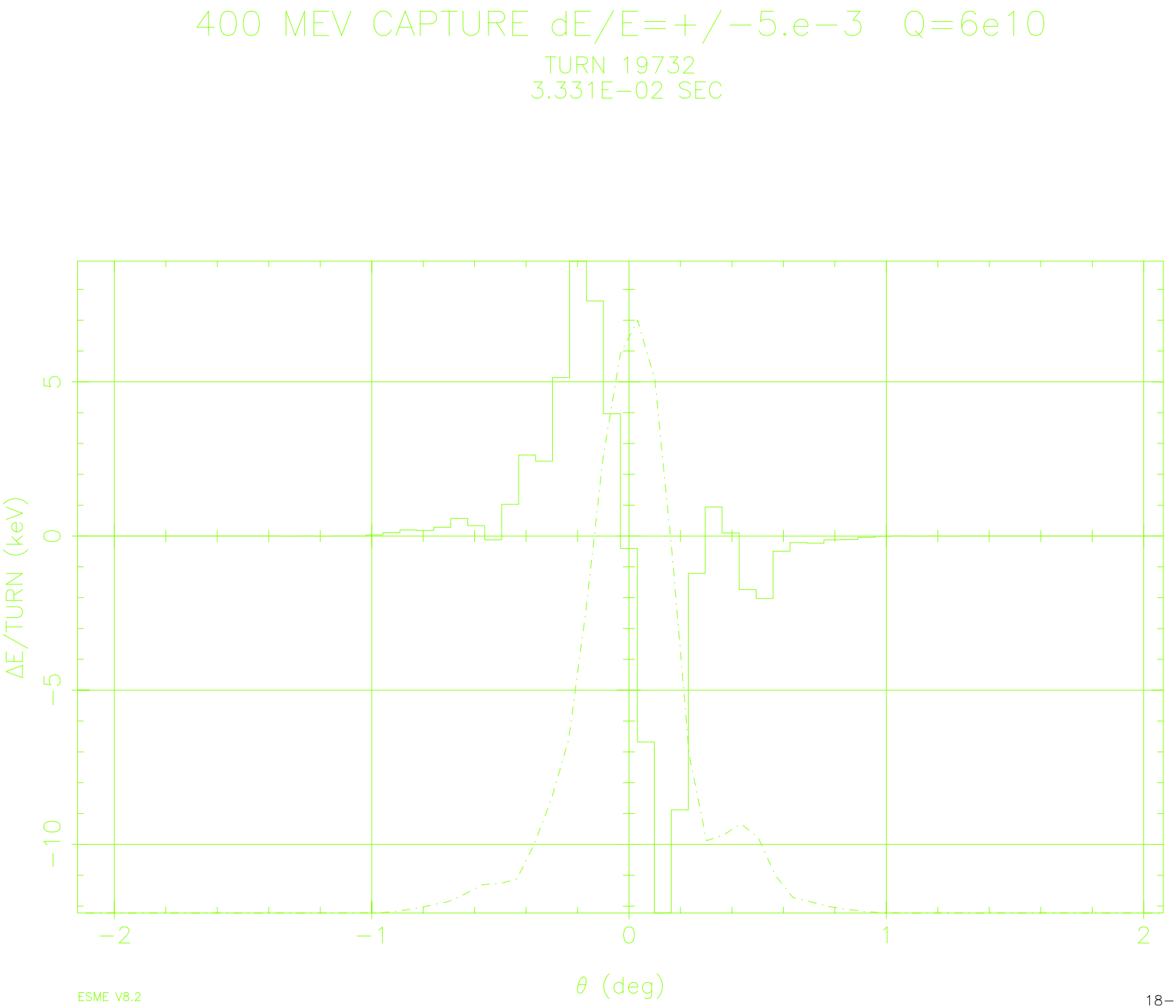

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19732
3.331E-02 SEC
N = 21338
<E> = -6.164E-01
E_RMS = 5.585E+00
COUNTS/BIN (50 BINS)
0
1000
2000
-40
-30
-20
-10
0
10
20
30
40
E - E_0 (MeV)


400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10
TURN 19732
3.331E-02 SEC
ΔE/TURN (keV)
5
0
-5
-10
-2
-1
0
1
2
θ (deg)
ESME V8.2
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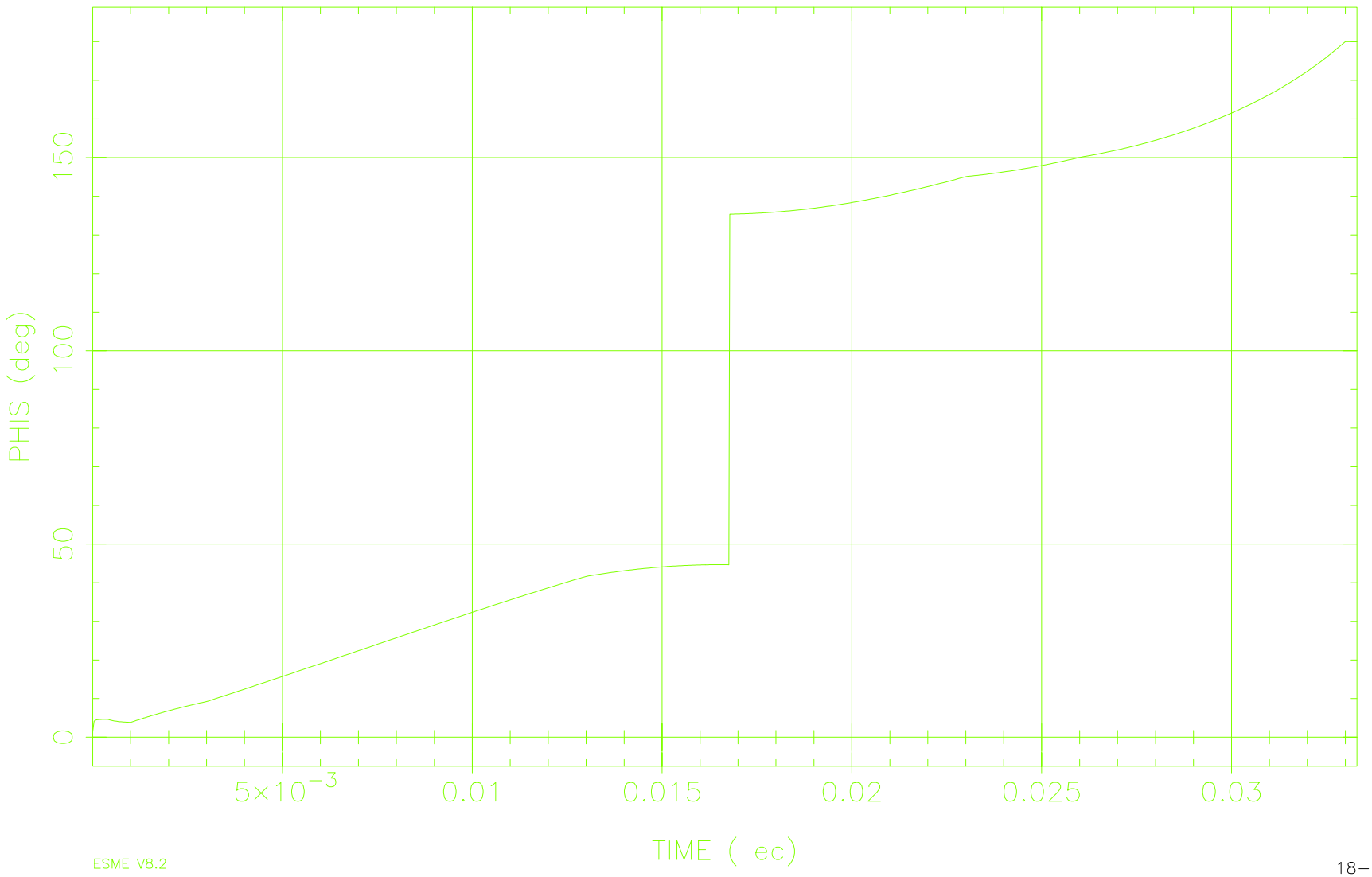
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

PHIS VS TIME



ESME V8.2

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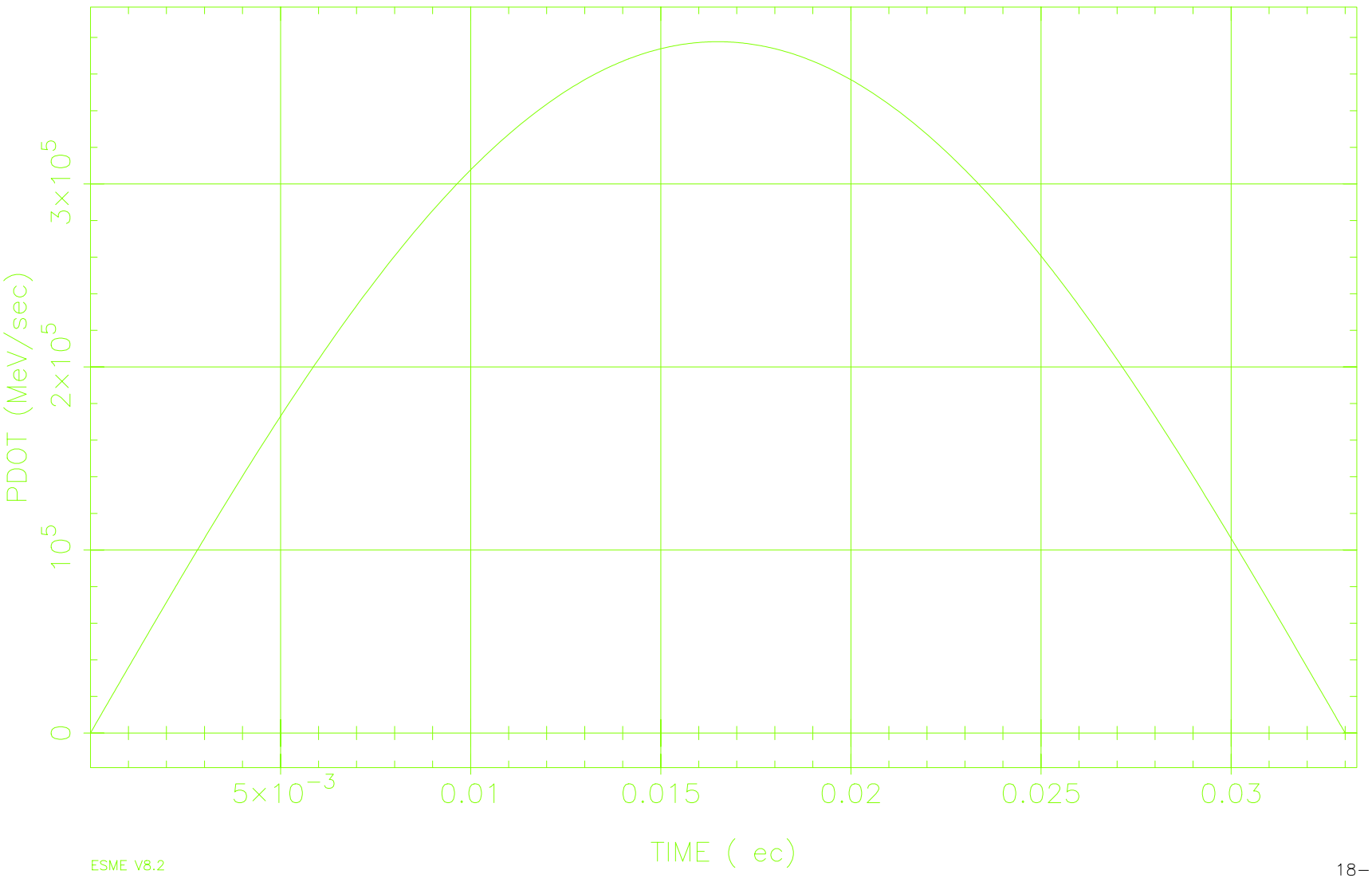
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

PDOT VS TIME



ESME V8.2

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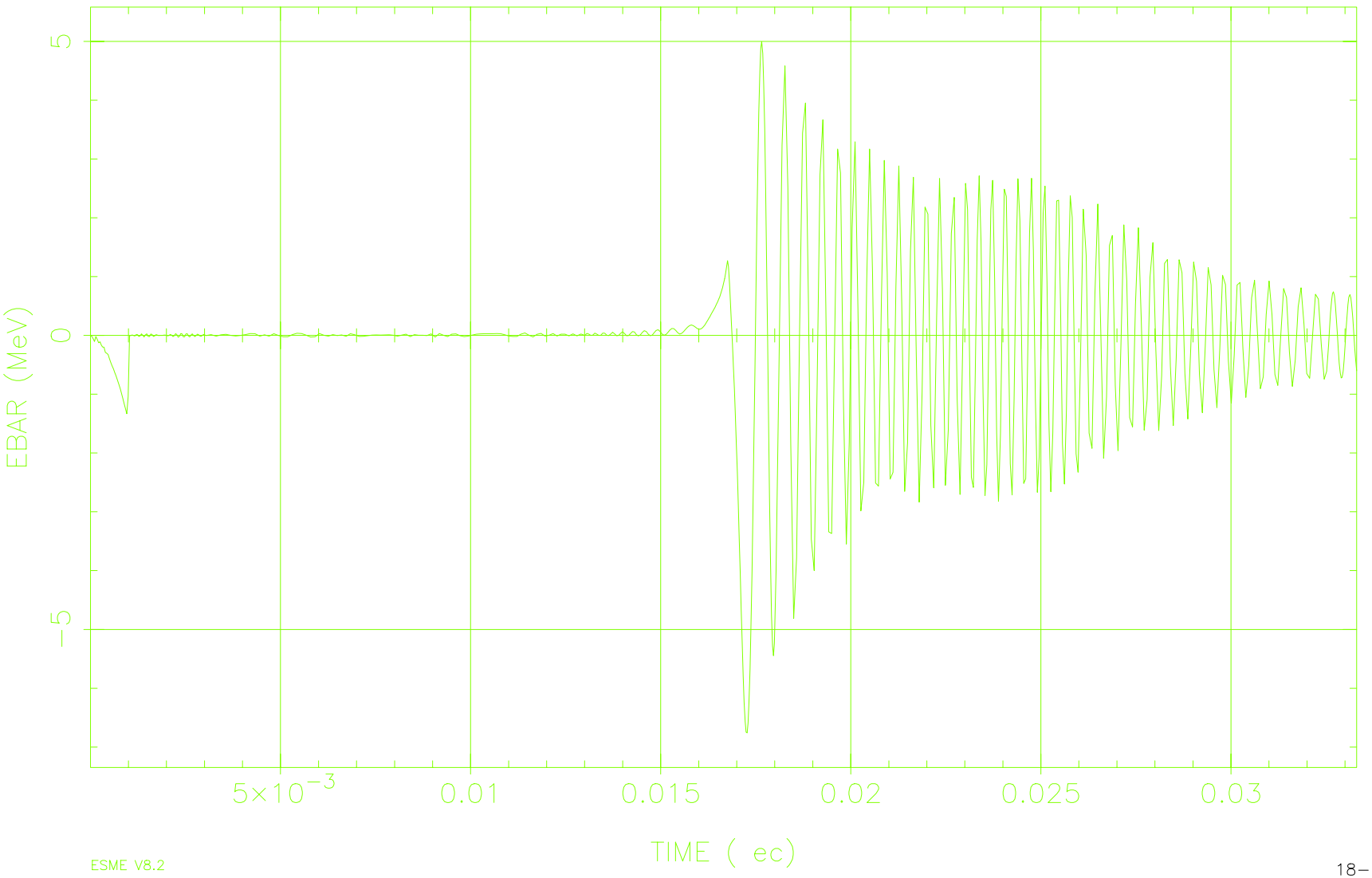
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

EBAR VS TIME



ESME V8.2

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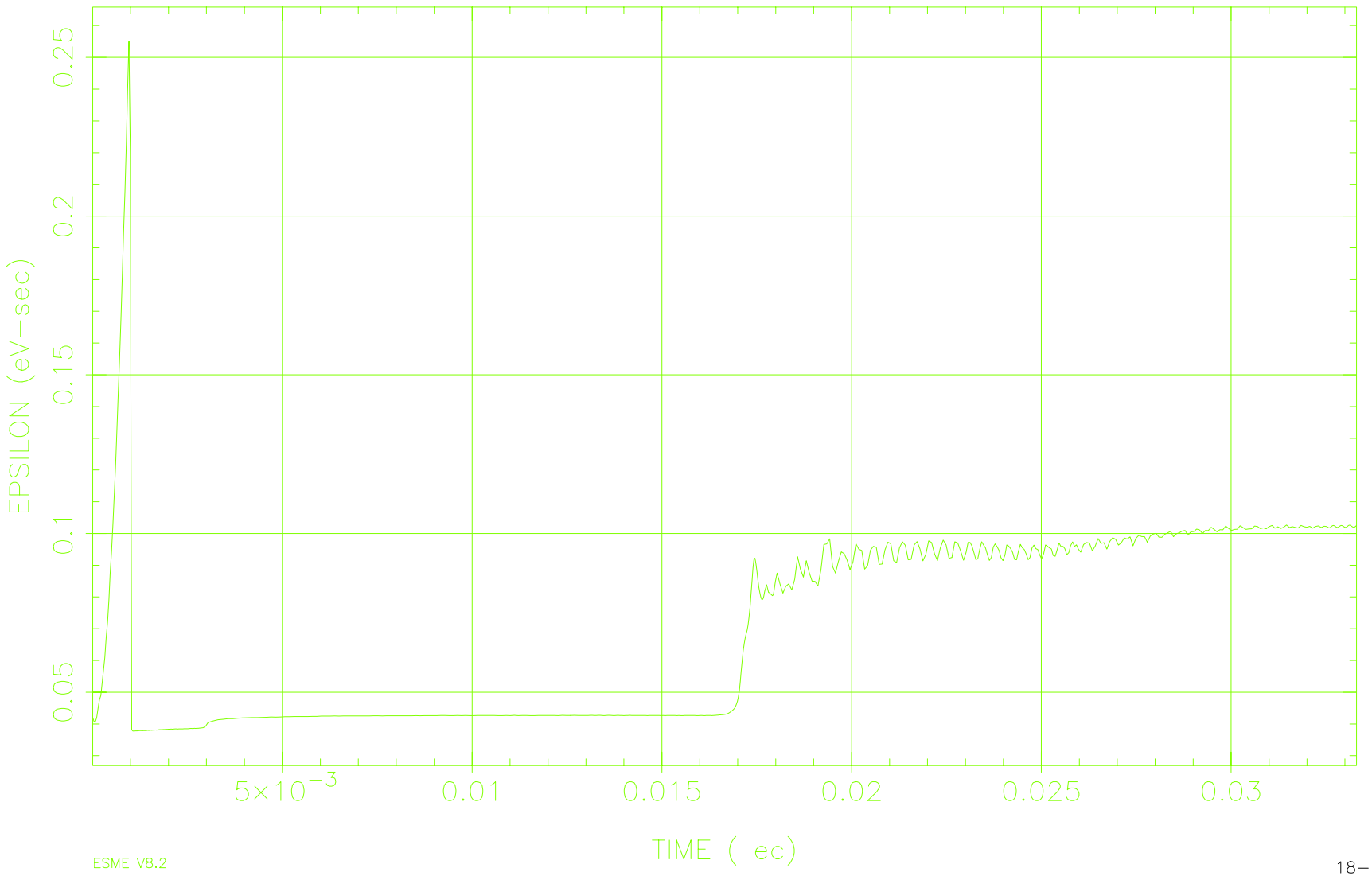
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

EPSILON VS TIME



ESME V8.2

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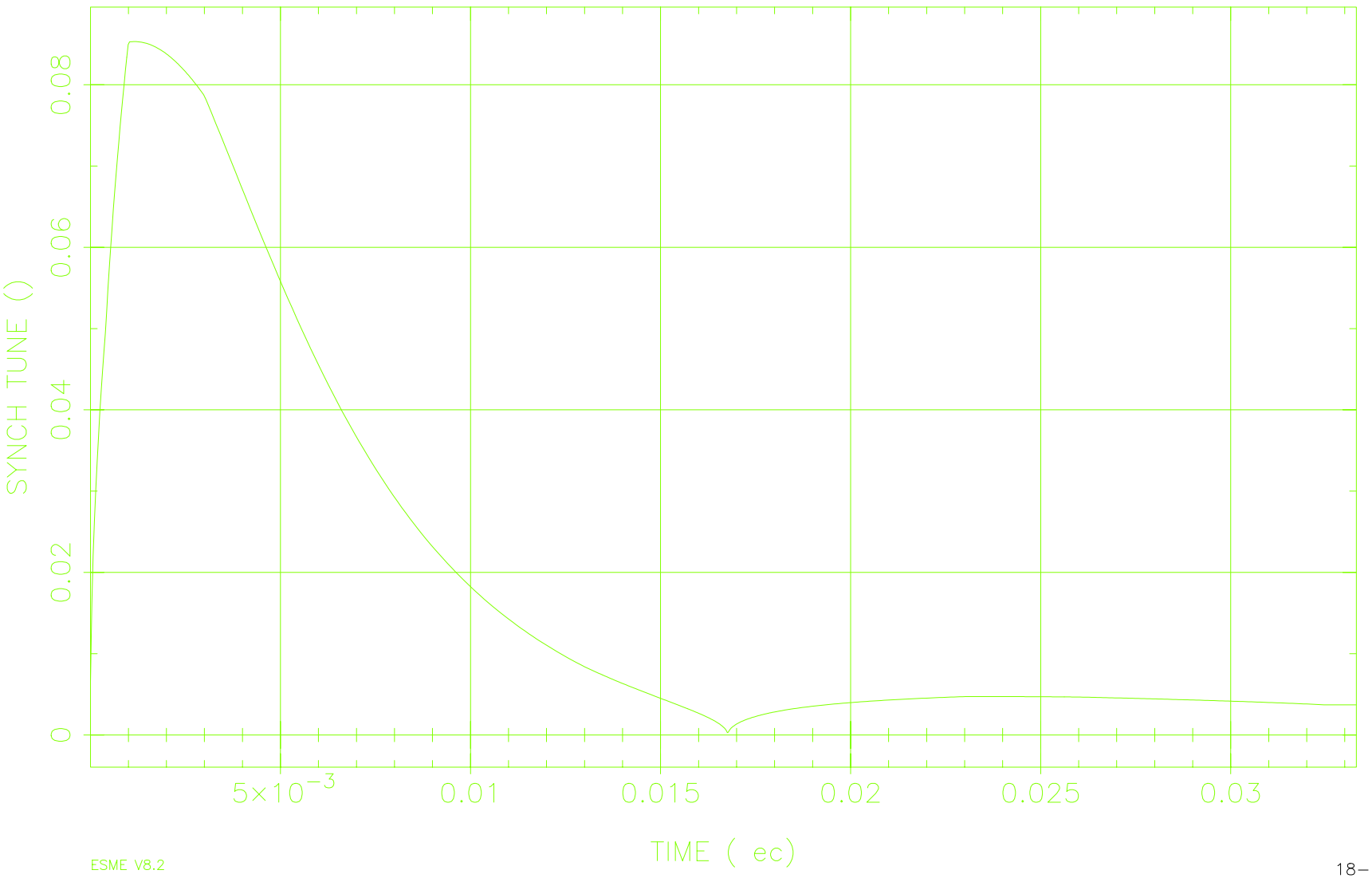
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

SYNCH TUNE VS TIME



ESME V8.2

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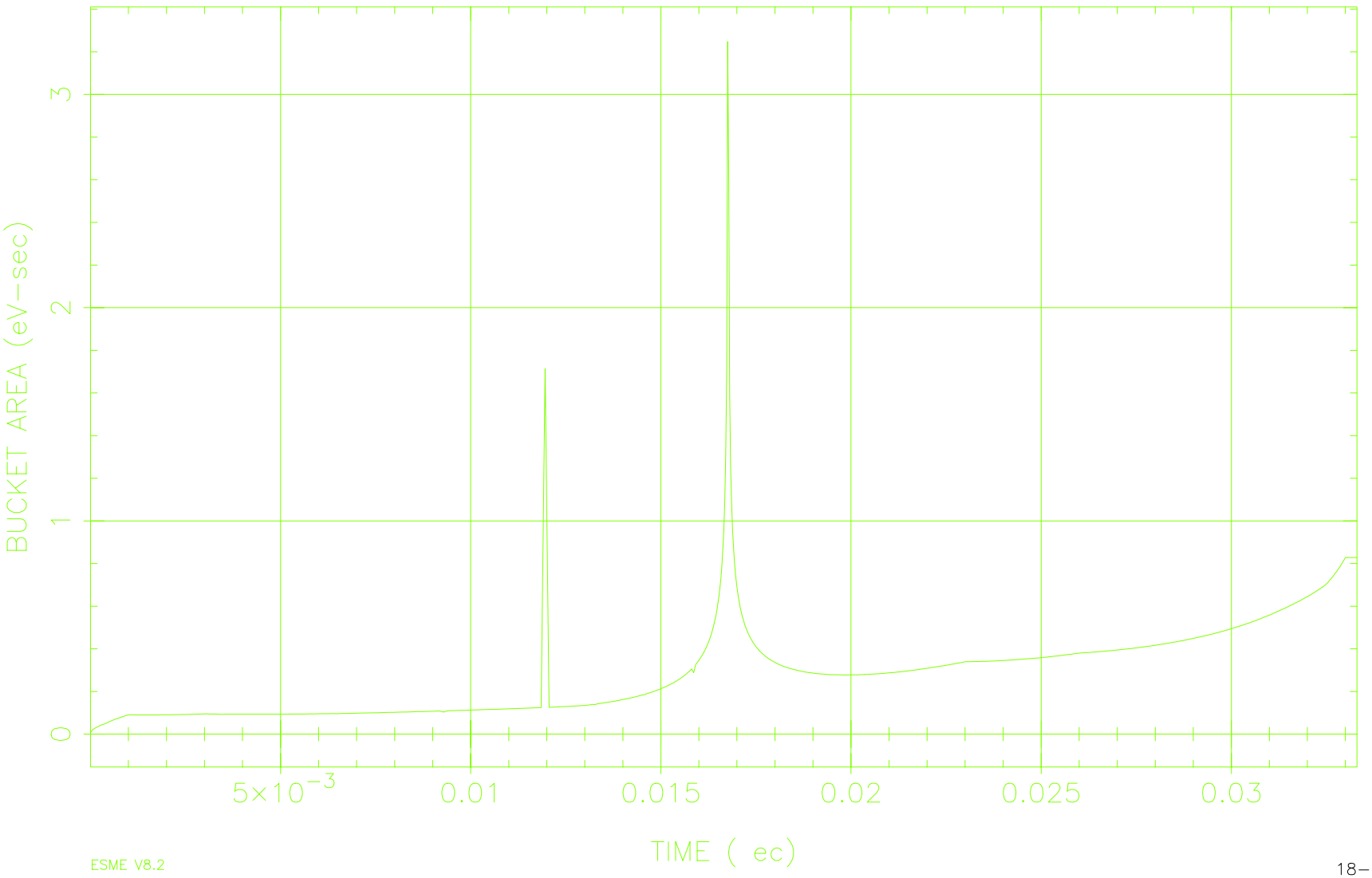
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

BUCKET AREA VS TIME

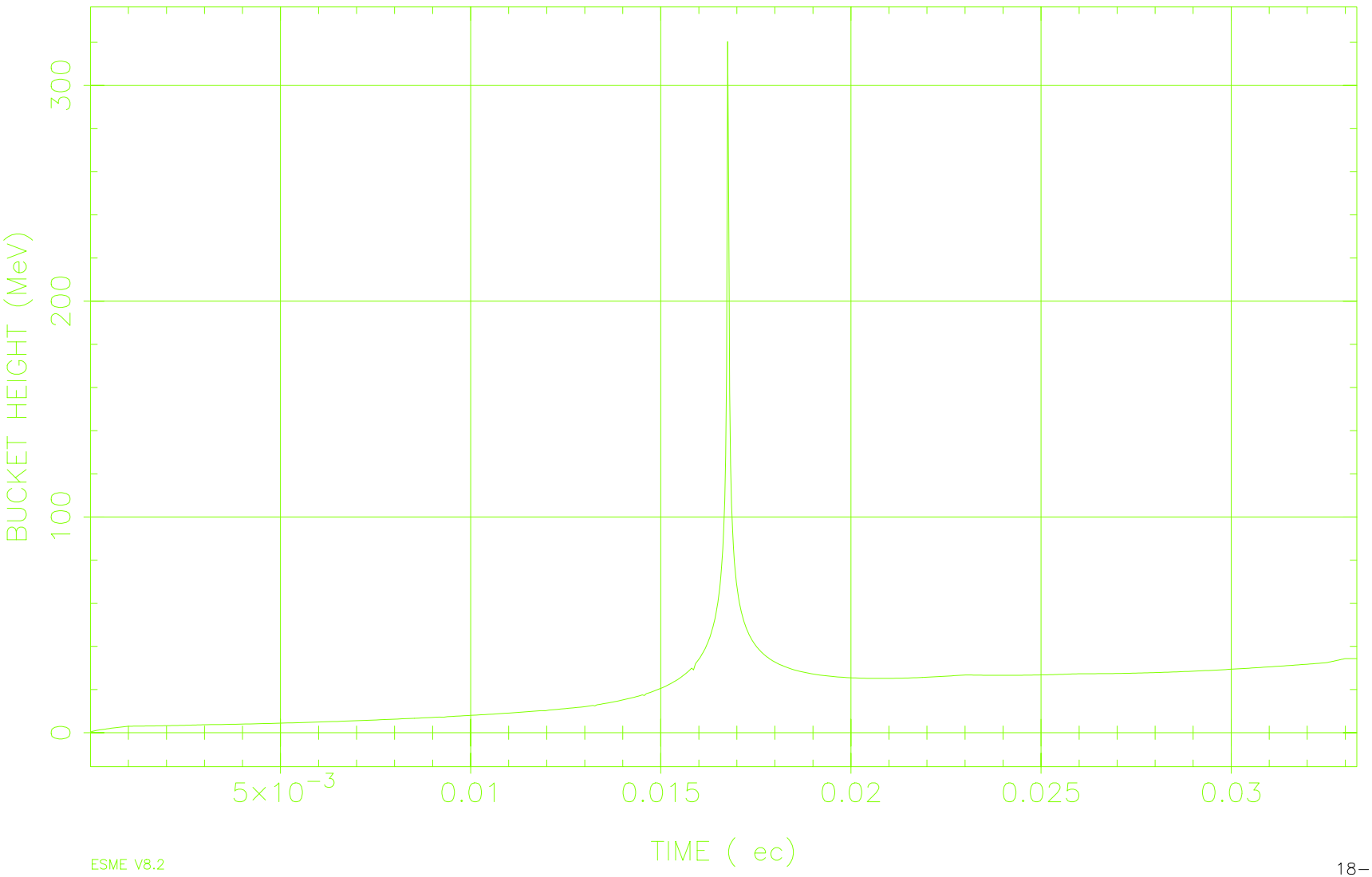


ESME V8.2

18-Feb-2002 17:18

400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

BUCKET HEIGHT VS TIME



ESME V8.2

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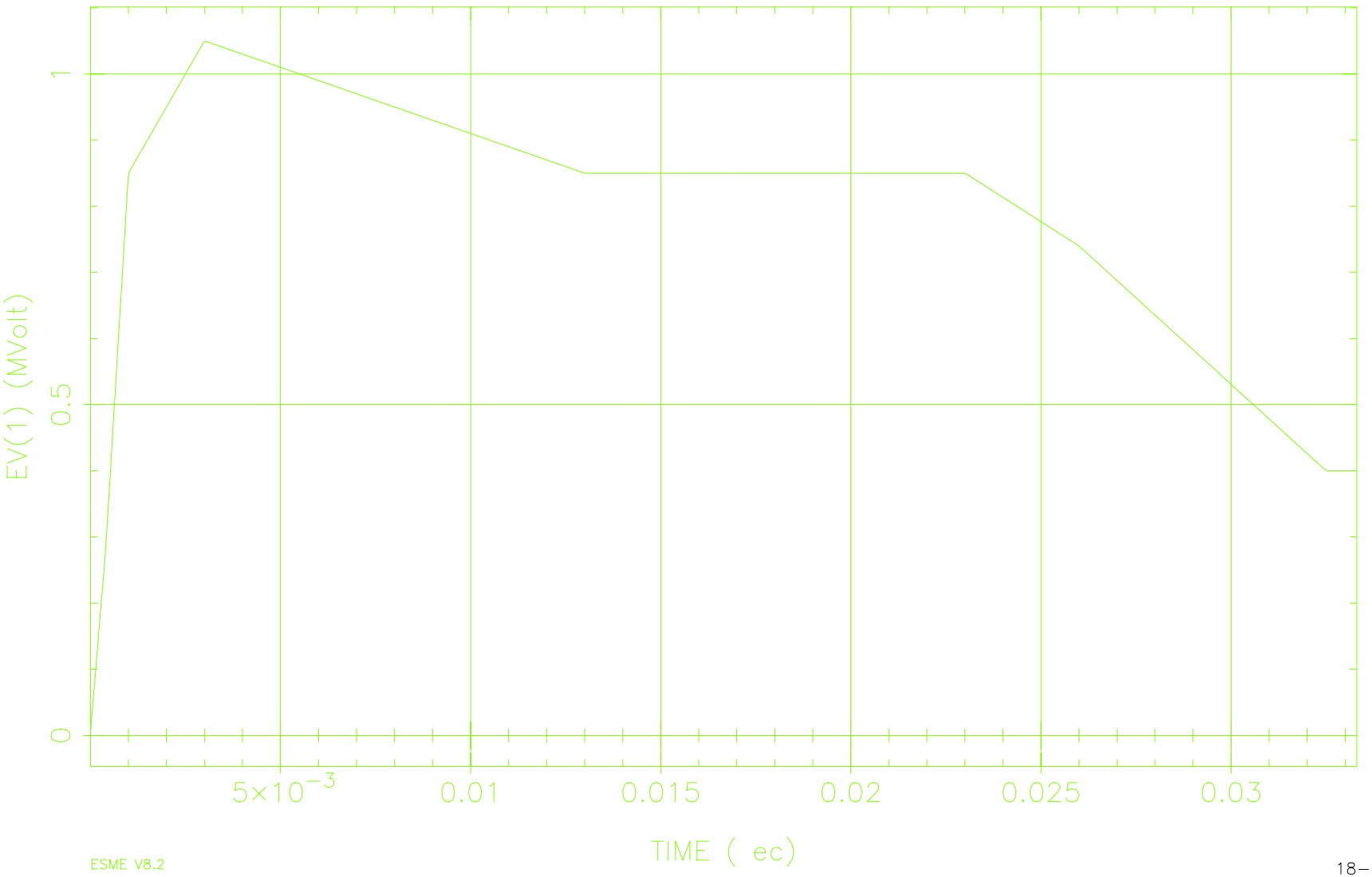
400 MEV CAPTURE dE/E=+/-5.e-3 Q=6e10

EV(1) VS TIME



ESME V8.2

18-Feb-2002 17:18