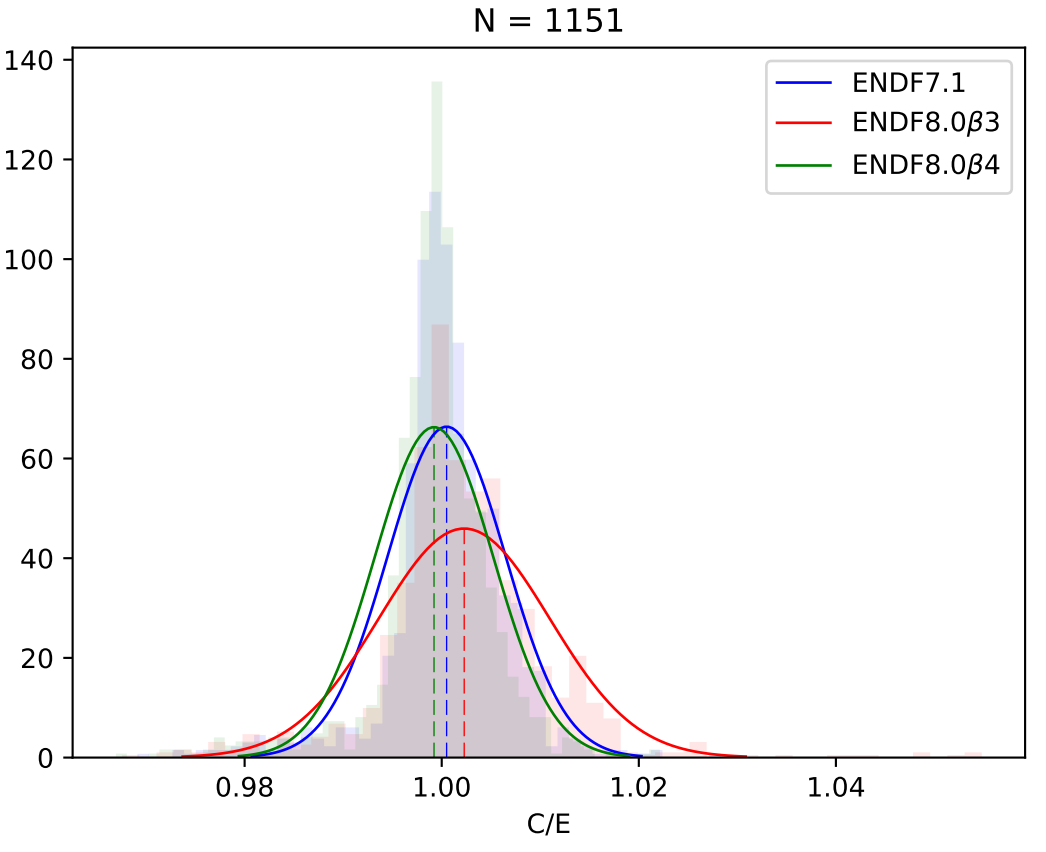
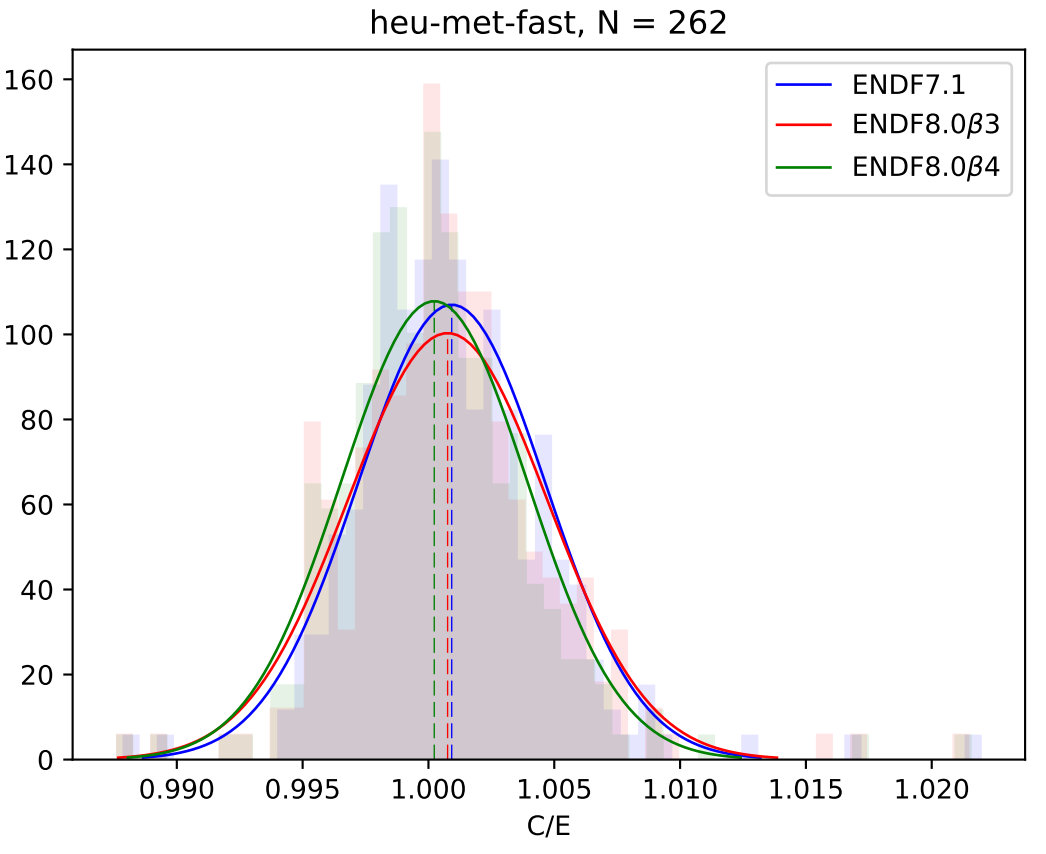
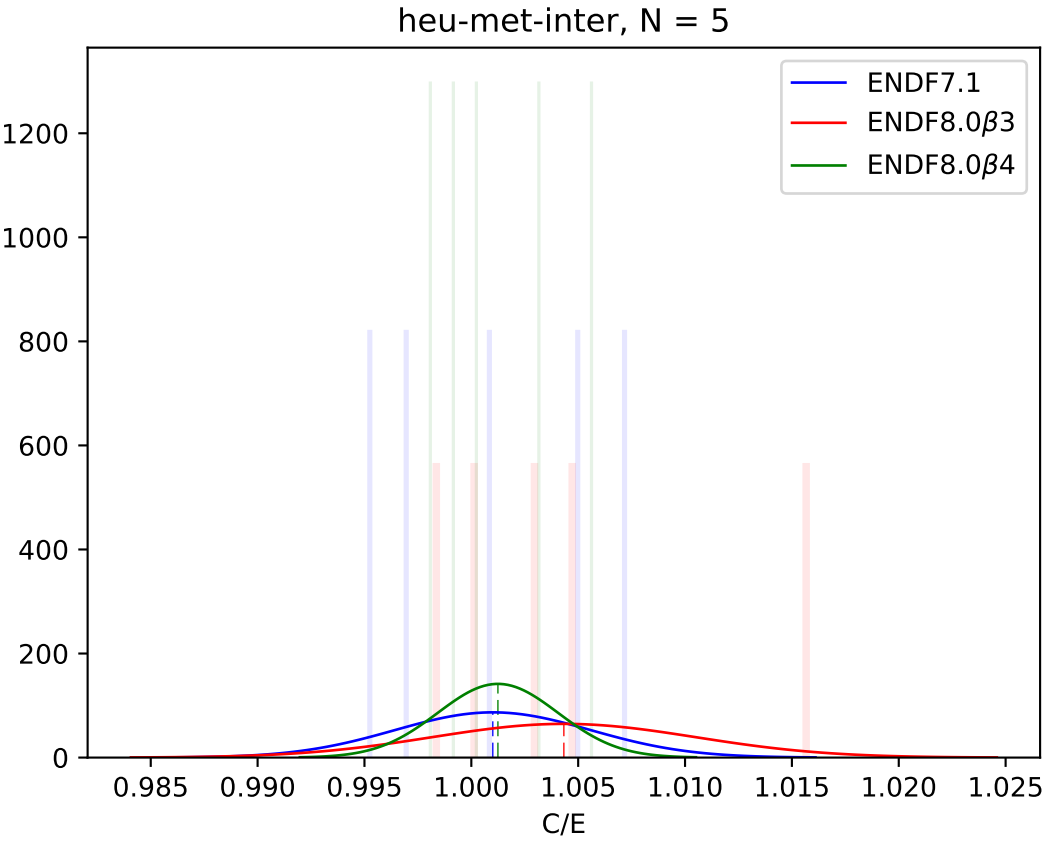
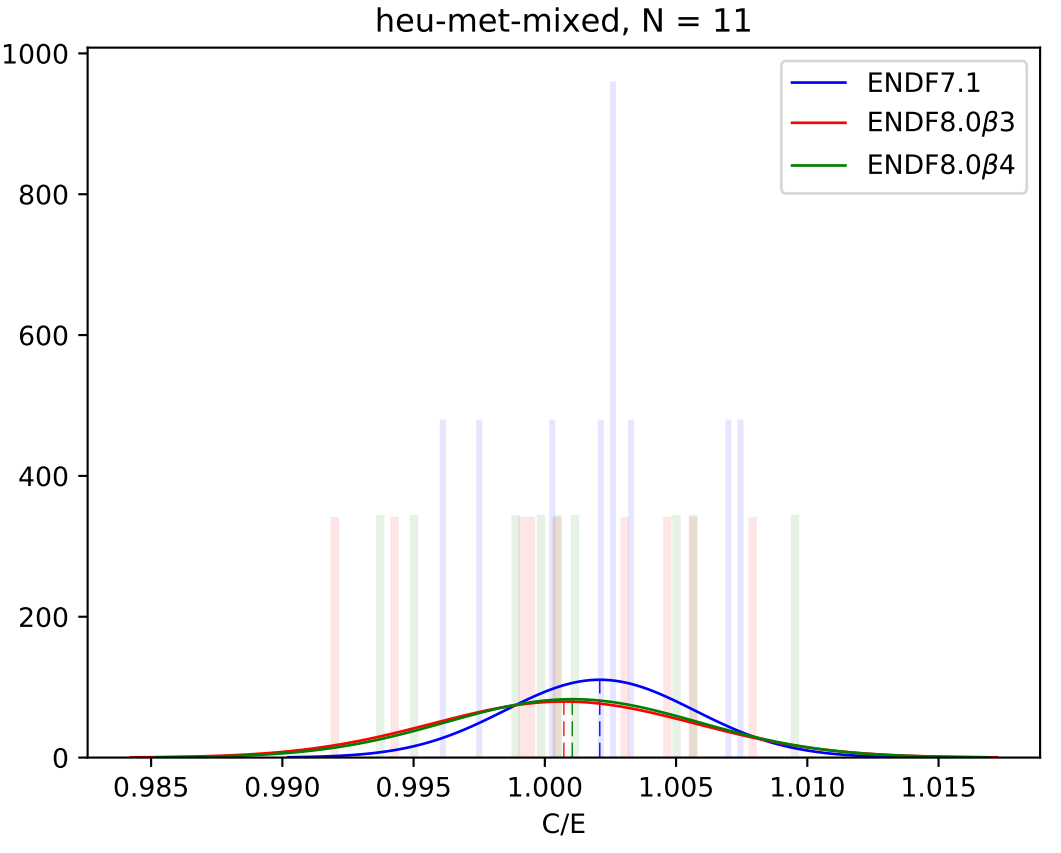
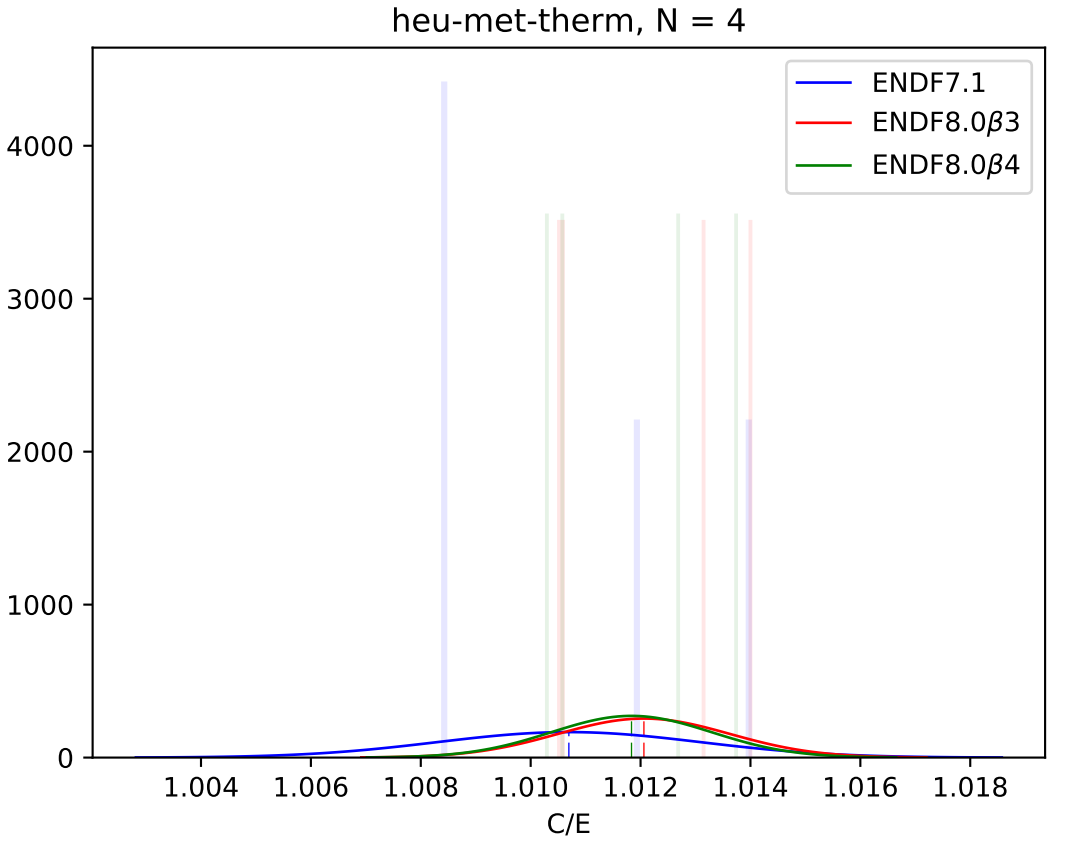
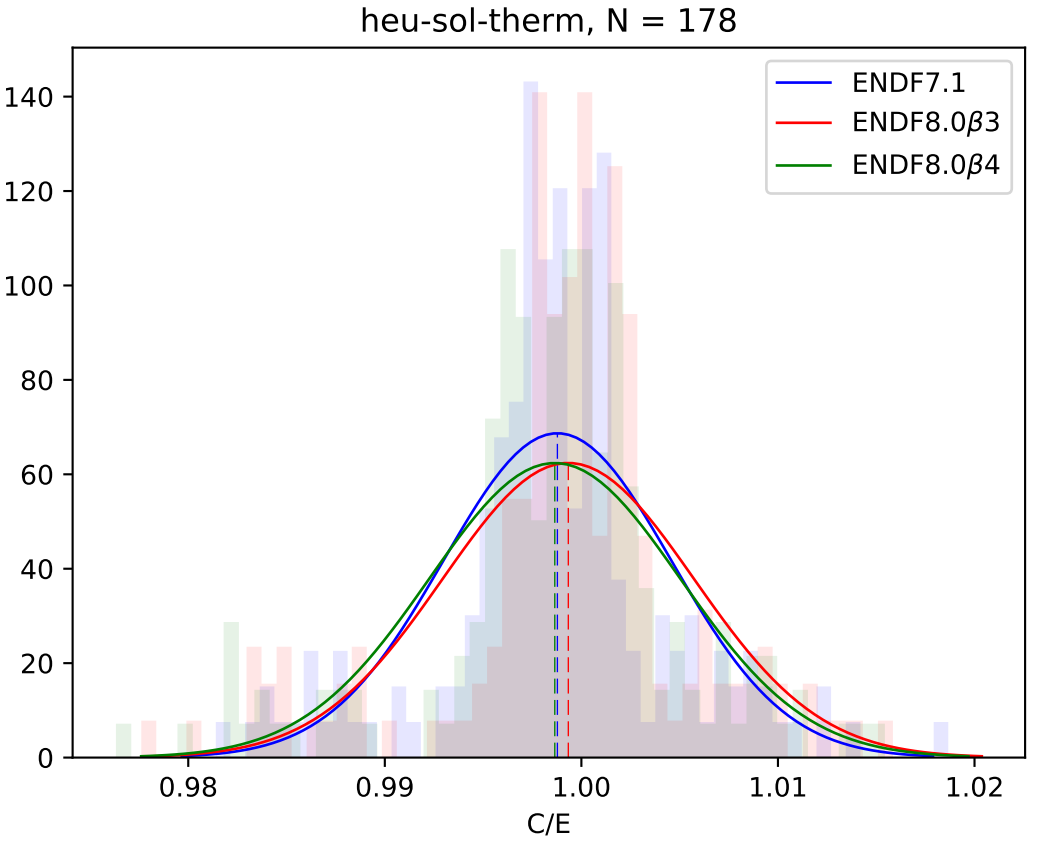

N = 1151
ENDF7.1
ENDF8.0β3
ENDF8.0β4
140
120
100
80
60
40
20
0
0.98
1.00
1.02
1.04
C/E

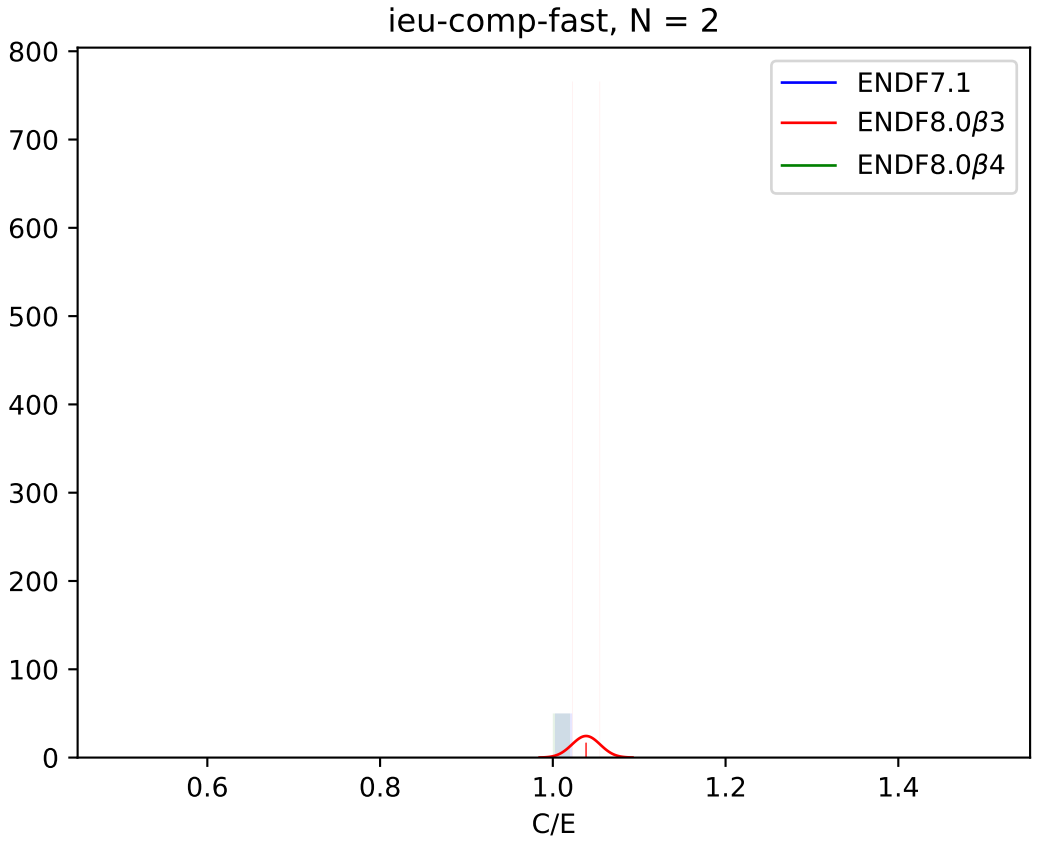

heu-met-fast, N = 262
ENDF7.1
ENDF8.0β3
ENDF8.0β4
160
140
120
100
80
60
40
20
0
0.990
0.995
1.000
1.005
1.010
1.015
1.020
C/E

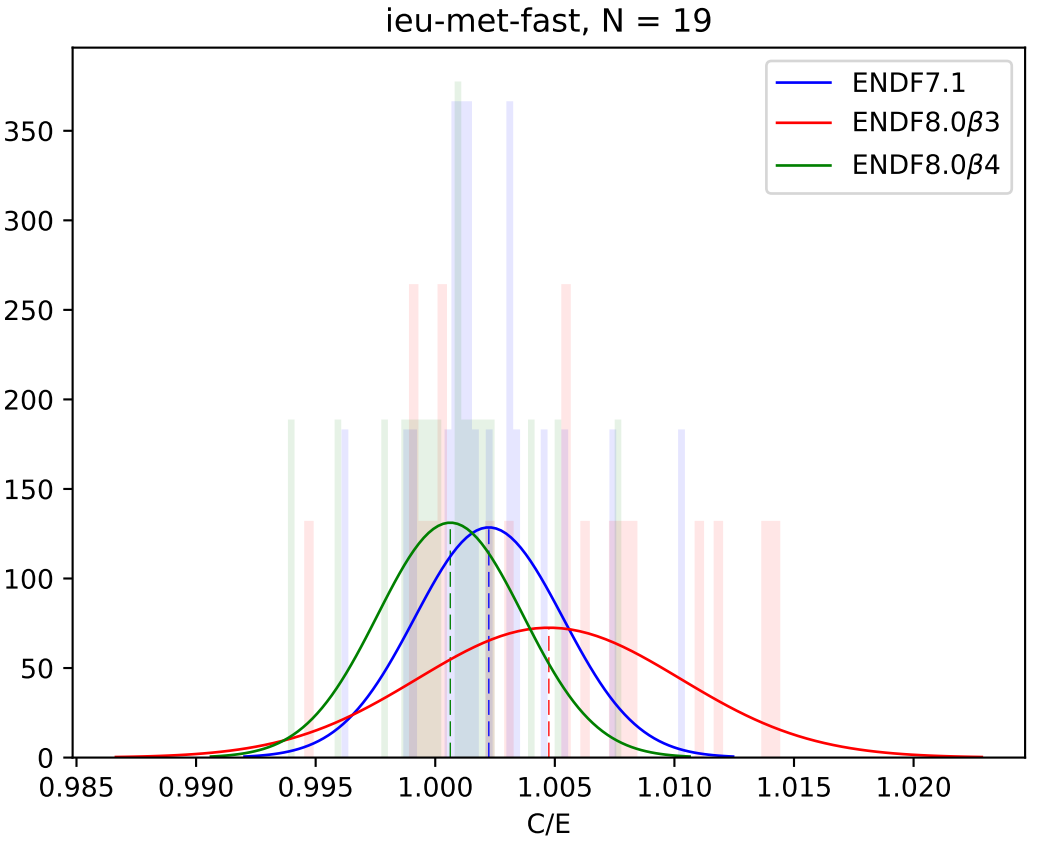

heu-met-inter, N = 5
ENDF7.1
ENDF8.0β3
ENDF8.0β4
1200
1000
800
600
400
200
0
0.985
0.990
0.995
1.000
1.005
1.010
1.015
1.020
1.025
C/E

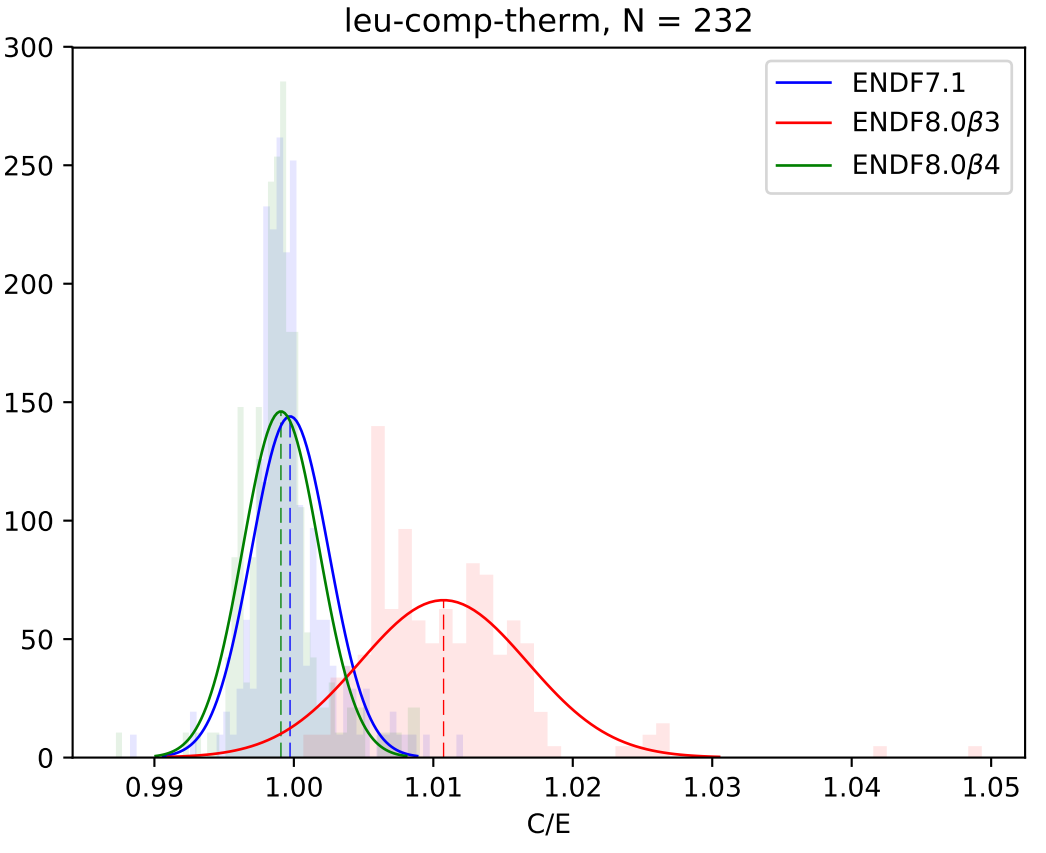

heu-met-mixed, N = 11
ENDF7.1
ENDF8.0β3
ENDF8.0β4
1000
800
600
400
200
0
0.985
0.990
0.995
1.000
1.005
1.010
1.015
C/E

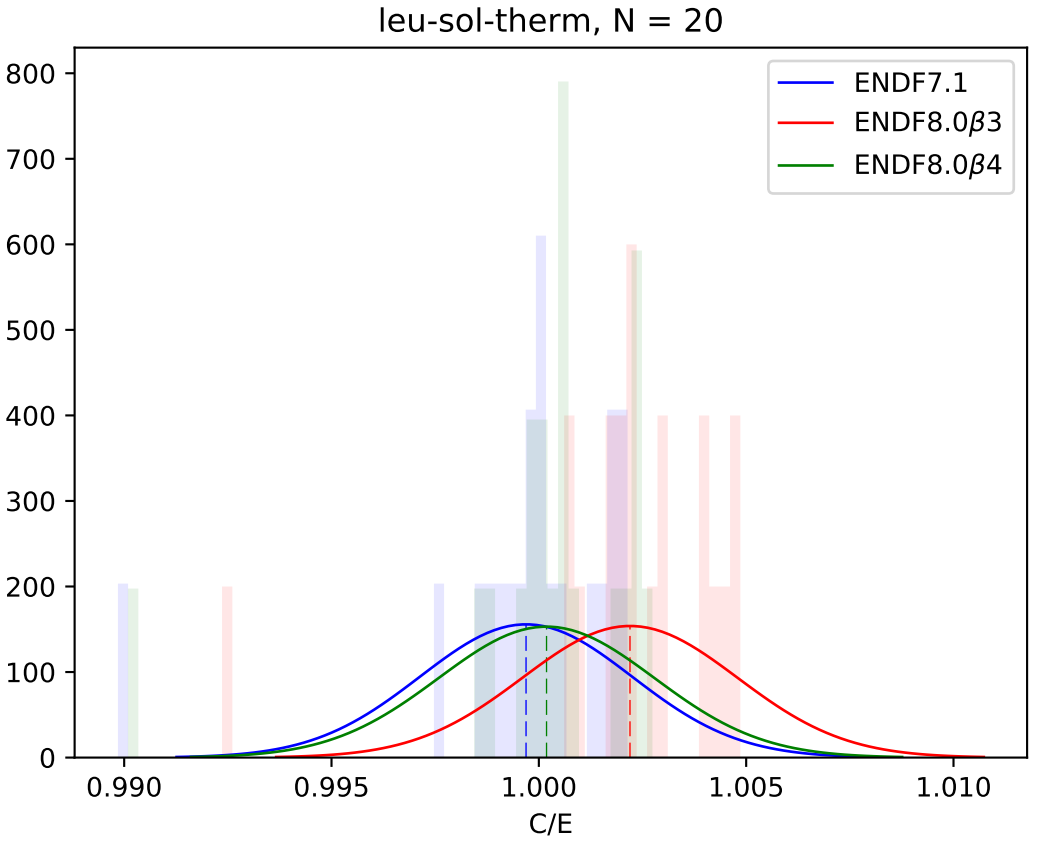

heu-met-therm, N = 4
ENDF7.1
ENDF8.0β3
ENDF8.0β4
4000
3000
2000
1000
0
1.004
1.006
1.008
1.010
1.012
1.014
1.016
1.018
C/E

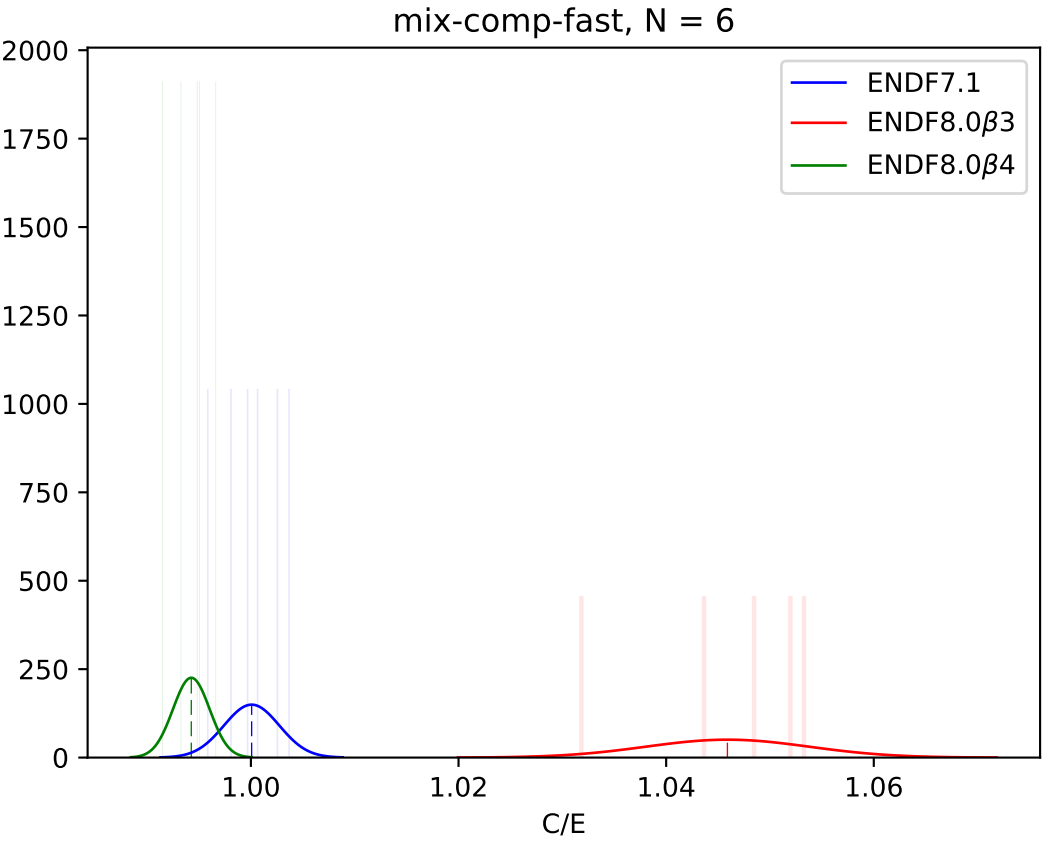

heu-sol-therm, N = 178
ENDF7.1
ENDF8.0β3
ENDF8.0β4
140
120
100
80
60
40
20
0
0.98
0.99
1.00
1.01
1.02
C/E

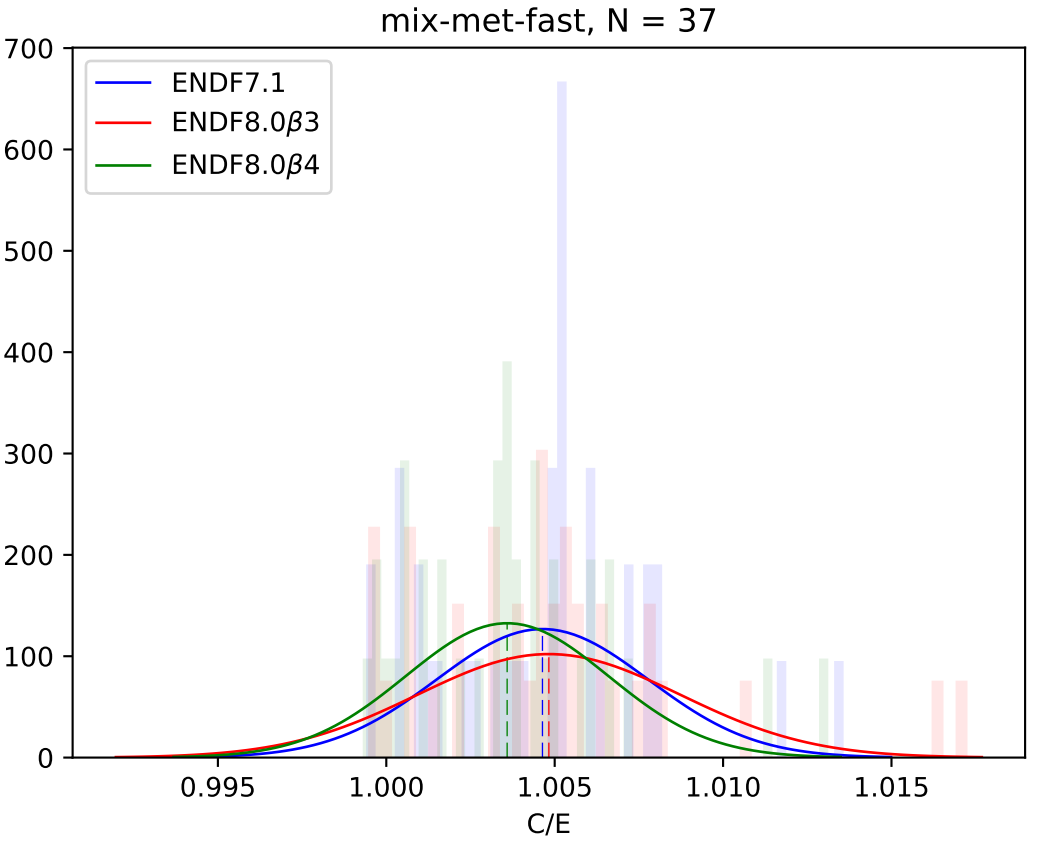

ieu-comp-fast, N = 2
ENDF7.1
ENDF8.0β3
ENDF8.0β4
800
700
600
500
400
300
200
100
0
0.6
0.8
1.0
1.2
1.4
C/E

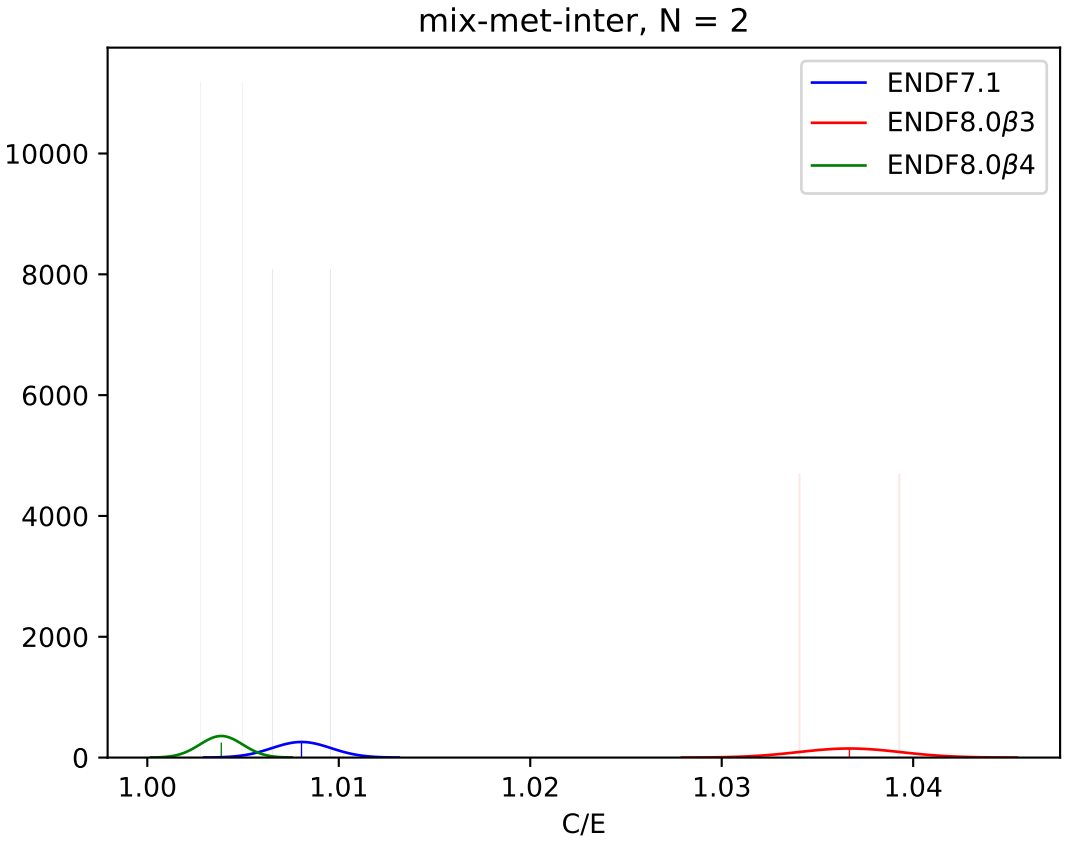

ieu-met-fast, N = 19
ENDF7.1
ENDF8.0β3
ENDF8.0β4
350
300
250
200
150
100
50
0
0.985
0.990
0.995
1.000
1.005
1.010
1.015
1.020
C/E

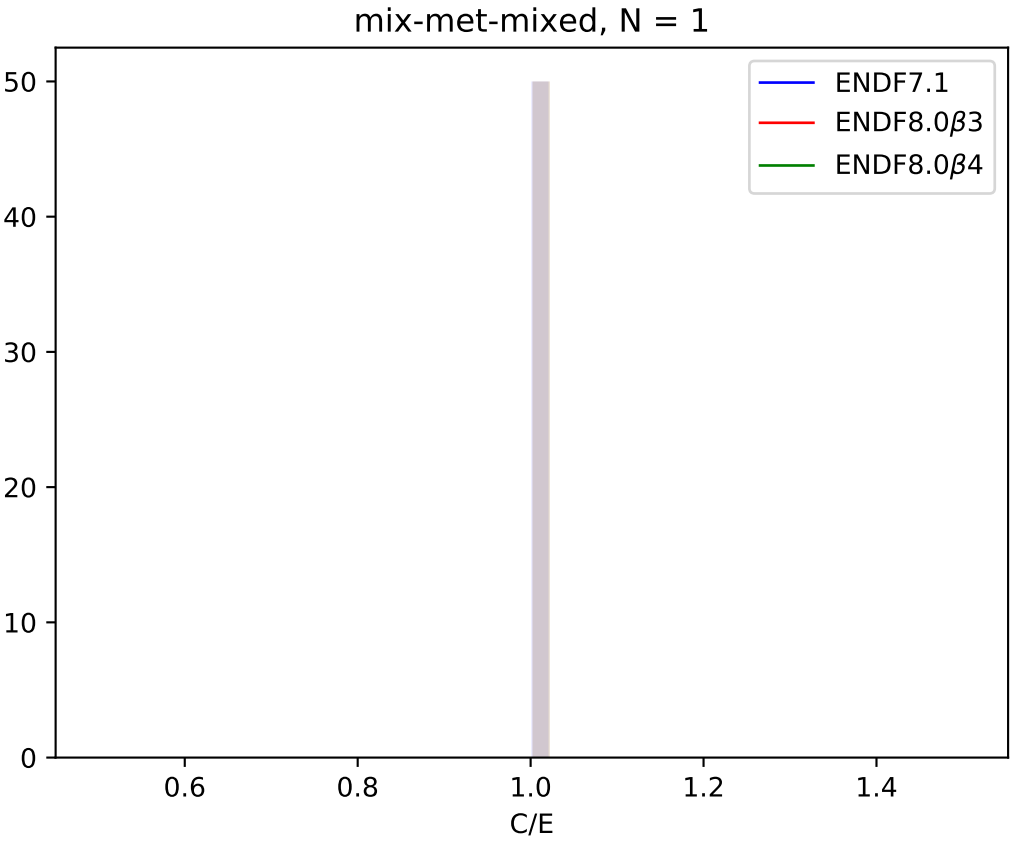

leu-comp-therm, N = 232
ENDF7.1
ENDF8.0β3
ENDF8.0β4
300
250
200
150
100
50
0
0.99
1.00
1.01
1.02
1.03
1.04
1.05
C/E

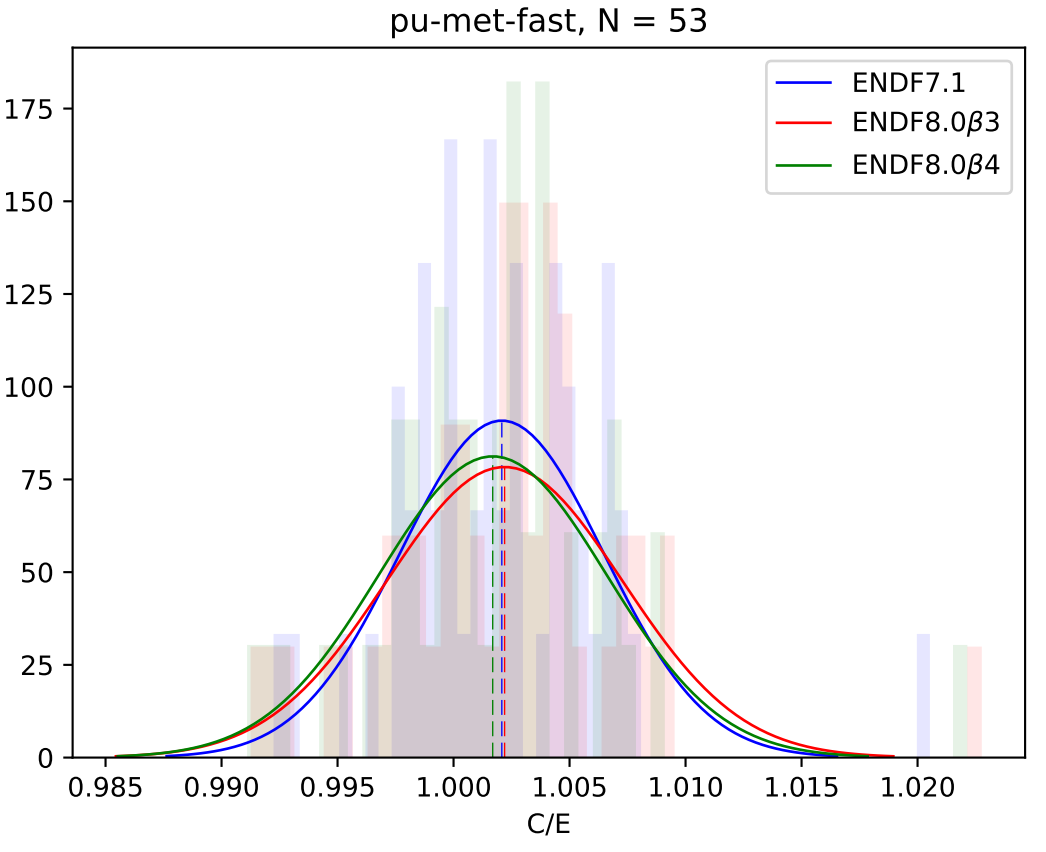

leu-sol-therm, N = 20
ENDF7.1
ENDF8.0β3
ENDF8.0β4
800
700
600
500
400
300
200
100
0
0.990
0.995
1.000
1.005
1.010
C/E

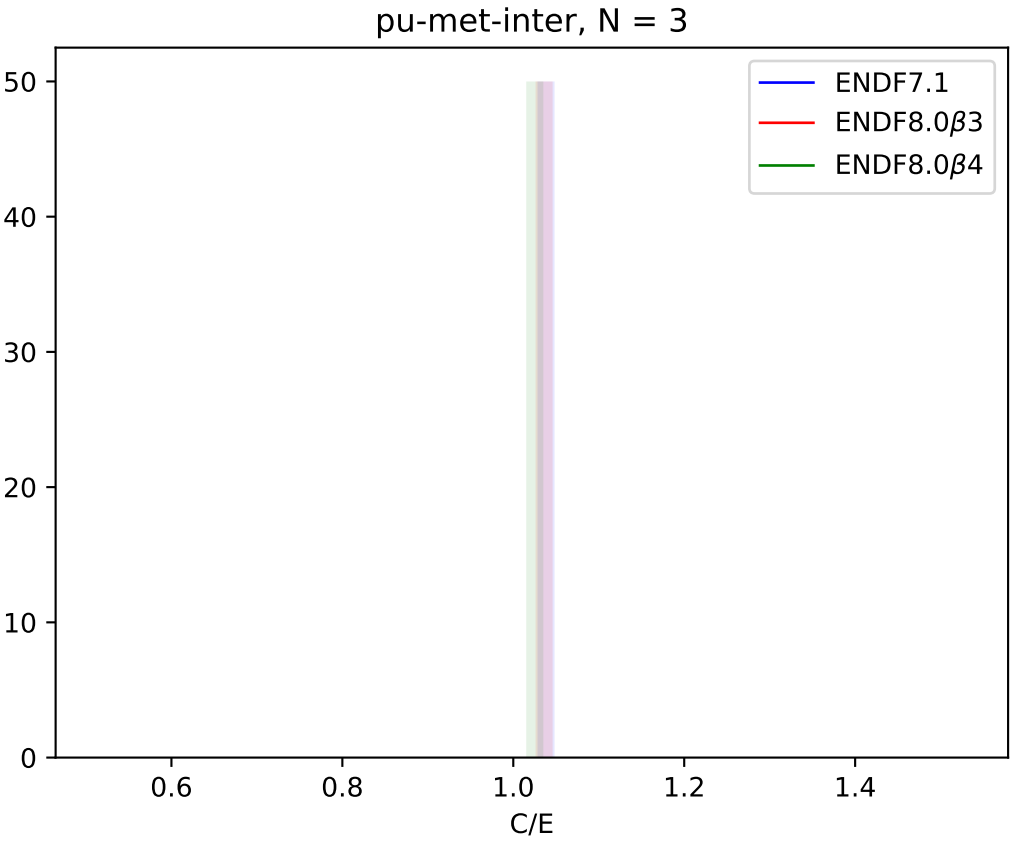

mix-comp-fast, N = 6
ENDF7.1
ENDF8.0β3
ENDF8.0β4
2000
1750
1500
1250
1000
750
500
250
0
1.00
1.02
1.04
1.06
C/E

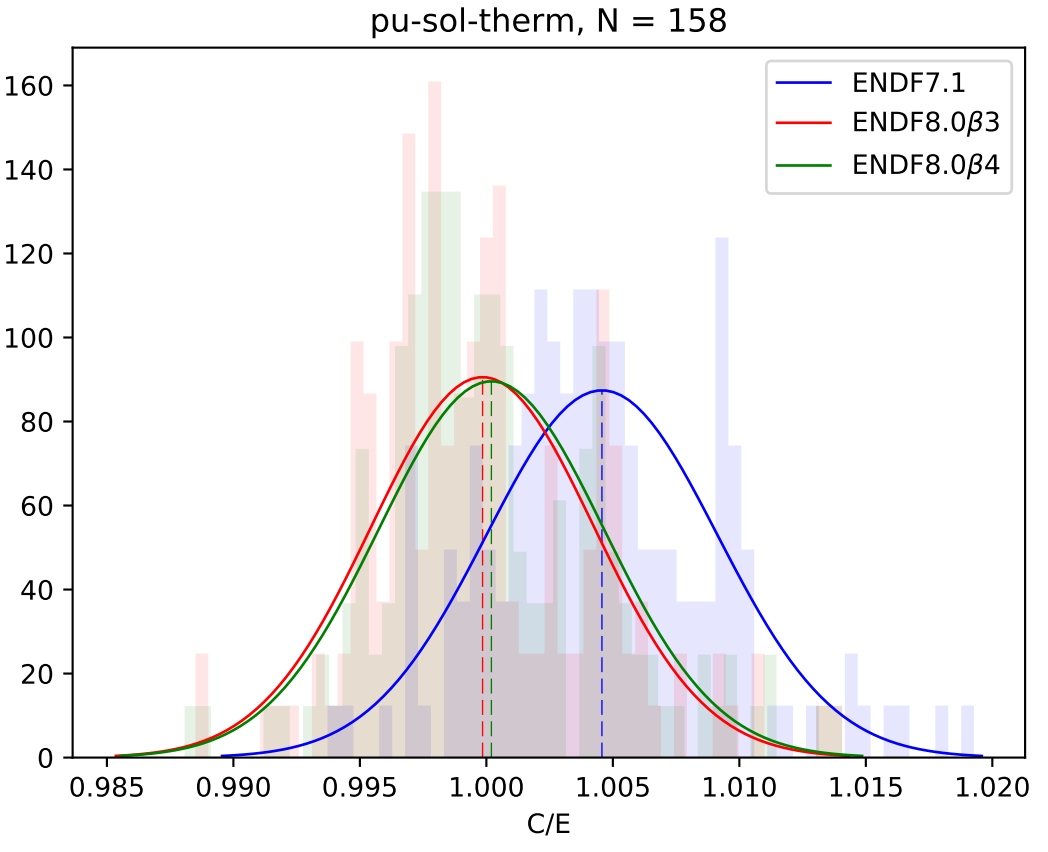

mix-met-fast, N = 37
ENDF7.1
ENDF8.0β3
ENDF8.0β4
700
600
500
400
300
200
100
0
0.995
1.000
1.005
1.010
1.015
C/E

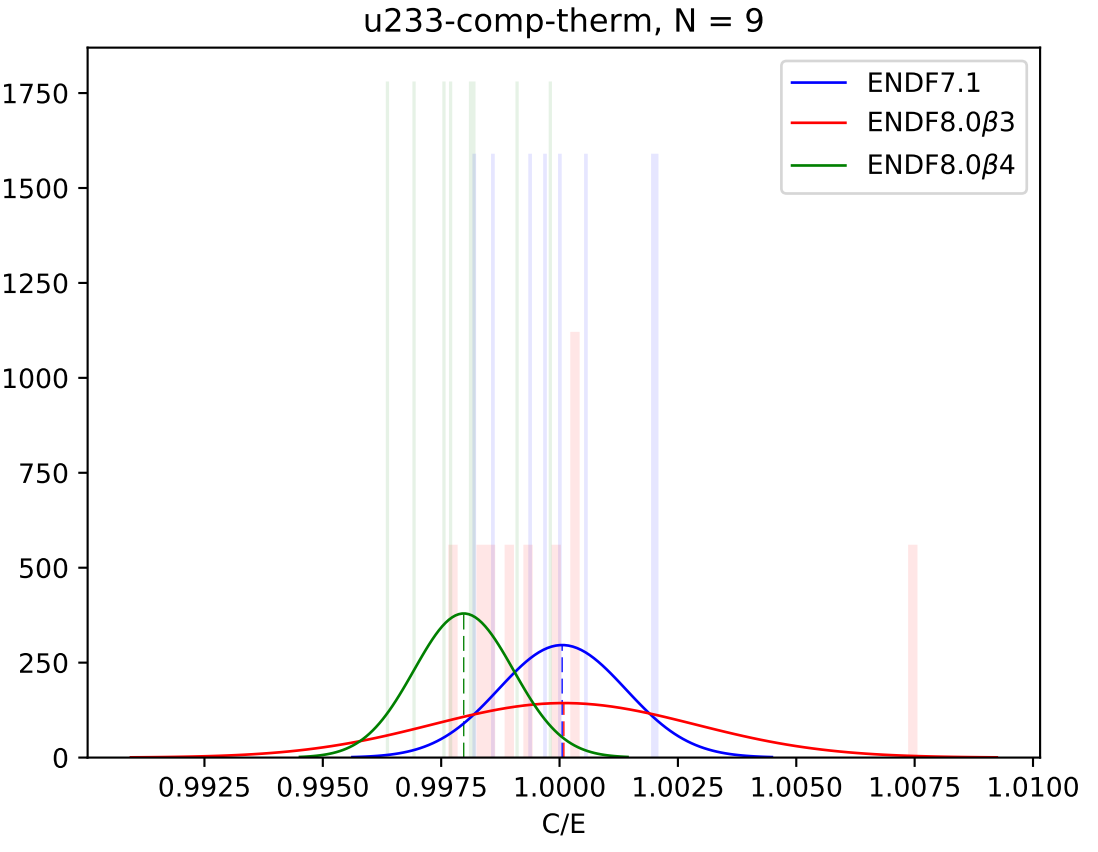

mix-met-inter, N = 2
ENDF7.1
ENDF8.0β3
ENDF8.0β4
10000
8000
6000
4000
2000
0
1.00
1.01
1.02
1.03
1.04
C/E

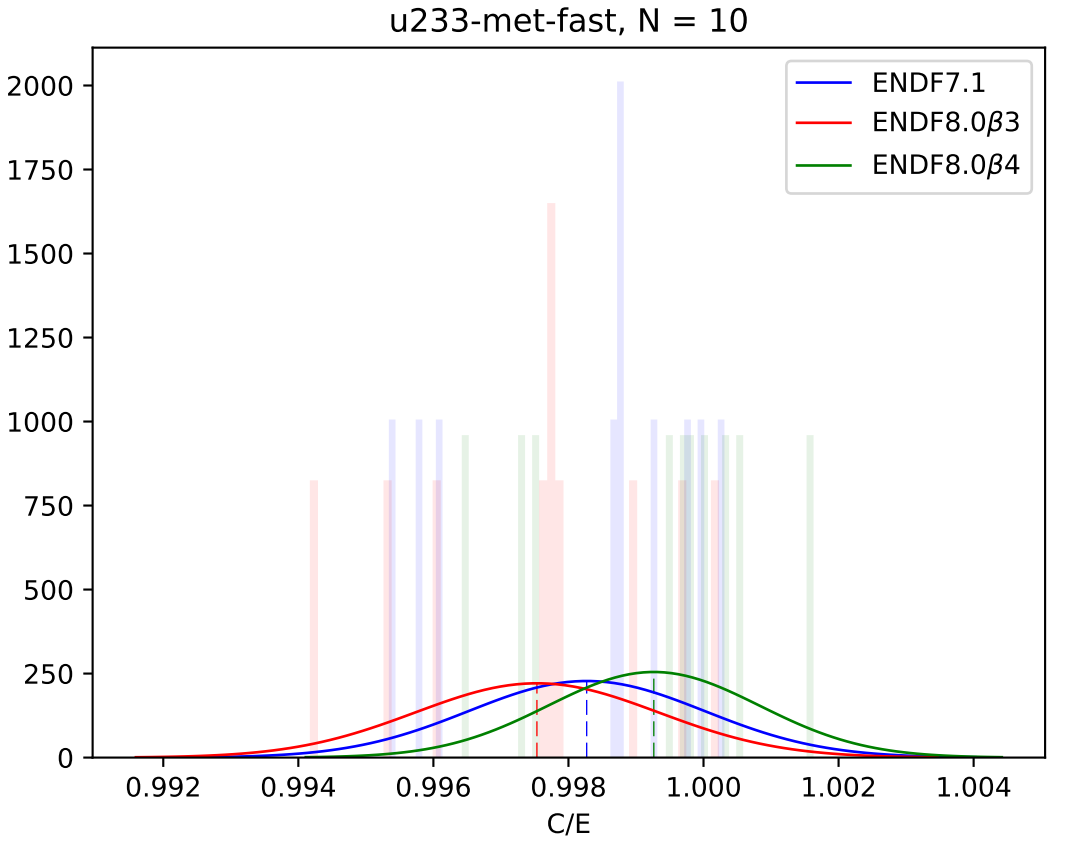

mix-met-mixed, N = 1
ENDF7.1
ENDF8.0β3
ENDF8.0β4
50
40
30
20
10
0
0.6
0.8
1.0
1.2
1.4
C/E

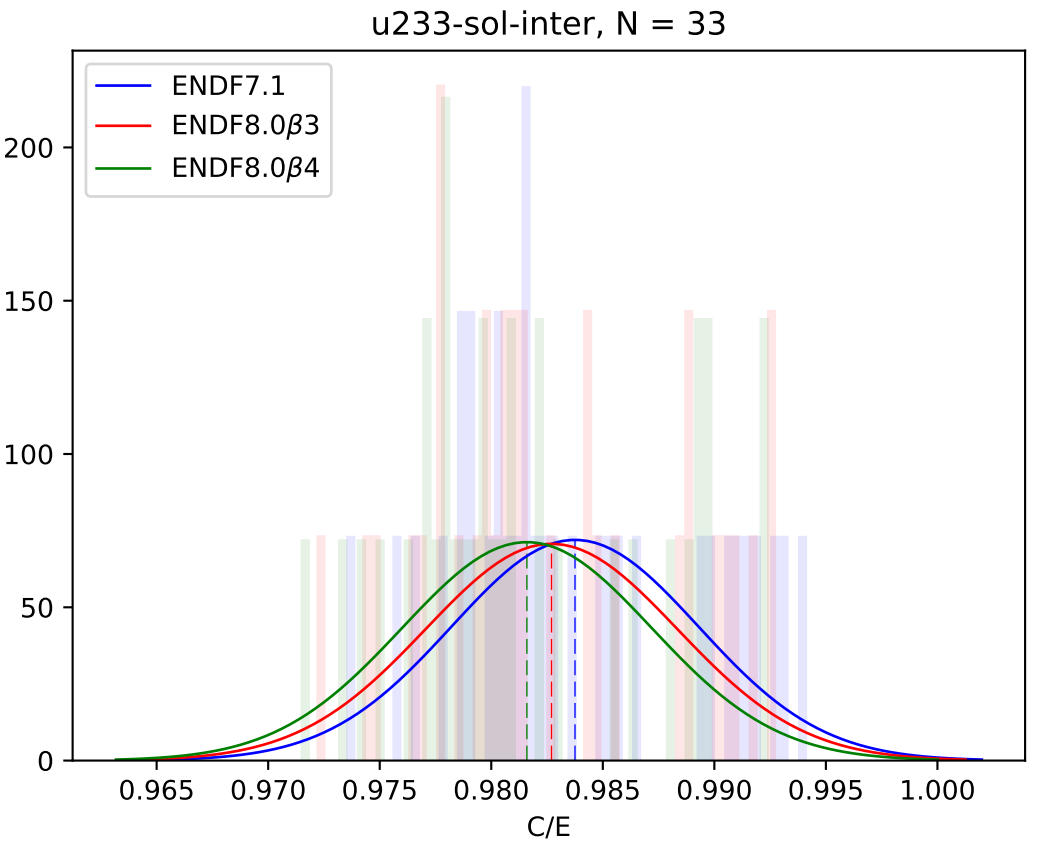

pu-met-fast, N = 53
ENDF7.1
ENDF8.0β3
ENDF8.0β4
175
150
125
100
75
50
25
0
0.985
0.990
0.995
1.000
1.005
1.010
1.015
1.020
C/E

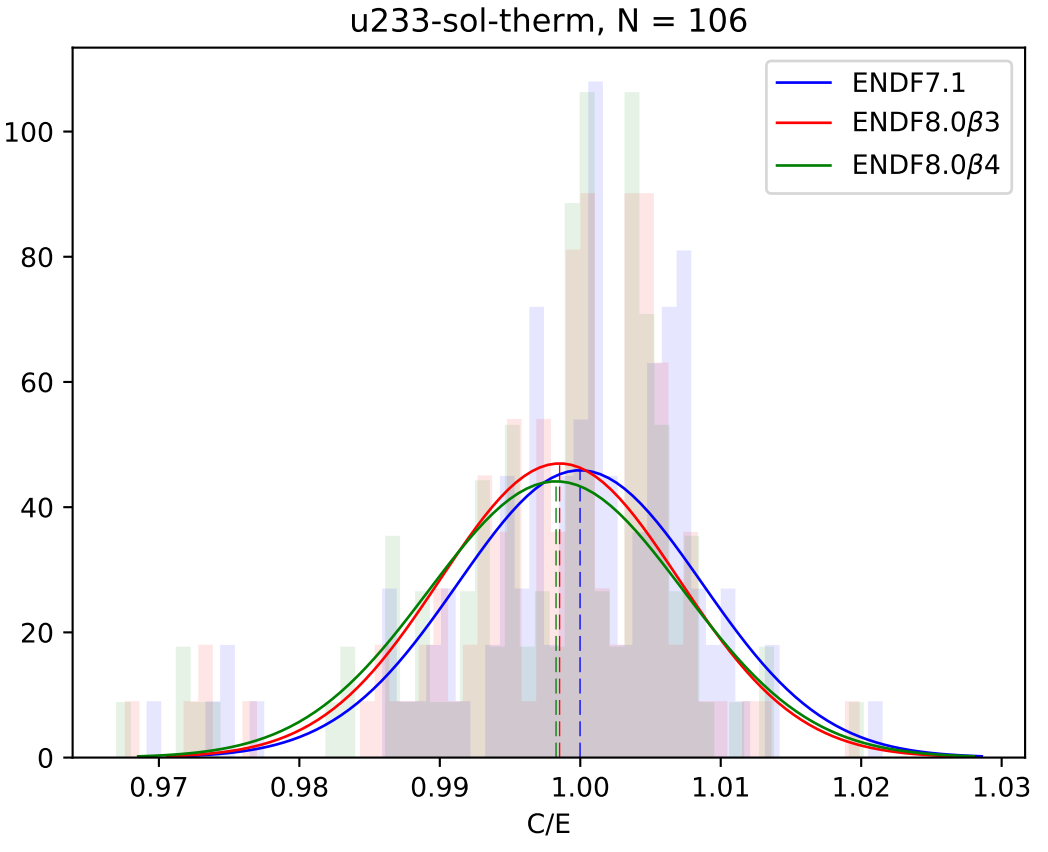

pu-met-inter, N = 3
ENDF7.1
ENDF8.0β3
ENDF8.0β4
50
40
30
20
10
0
0.6
0.8
1.0
1.2
1.4
C/E


pu-sol-therm, N = 158
ENDF7.1
ENDF8.0β3
ENDF8.0β4
160
140
120
100
80
60
40
20
0
0.985
0.990
0.995
1.000
1.005
1.010
1.015
1.020
C/E


u233-comp-therm, N = 9
ENDF7.1
ENDF8.0β3
ENDF8.0β4
1750
1500
1250
1000
750
500
250
0
0.9925
0.9950
0.9975
1.0000
1.0025
1.0050
1.0075
1.0100
C/E


u233-met-fast, N = 10
ENDF7.1
ENDF8.0β3
ENDF8.0β4
2000
1750
1500
1250
1000
750
500
250
0
0.992
0.994
0.996
0.998
1.000
1.002
1.004
C/E


u233-sol-inter, N = 33
ENDF7.1
ENDF8.0β3
ENDF8.0β4
200
150
100
50
0
0.965
0.970
0.975
0.980
0.985
0.990
0.995
1.000
C/E


u233-sol-therm, N = 106
ENDF7.1
ENDF8.0β3
ENDF8.0β4
0
20
40
60
80
100
0.97
0.98
0.99
1.00
1.01
1.02
1.03
C/E