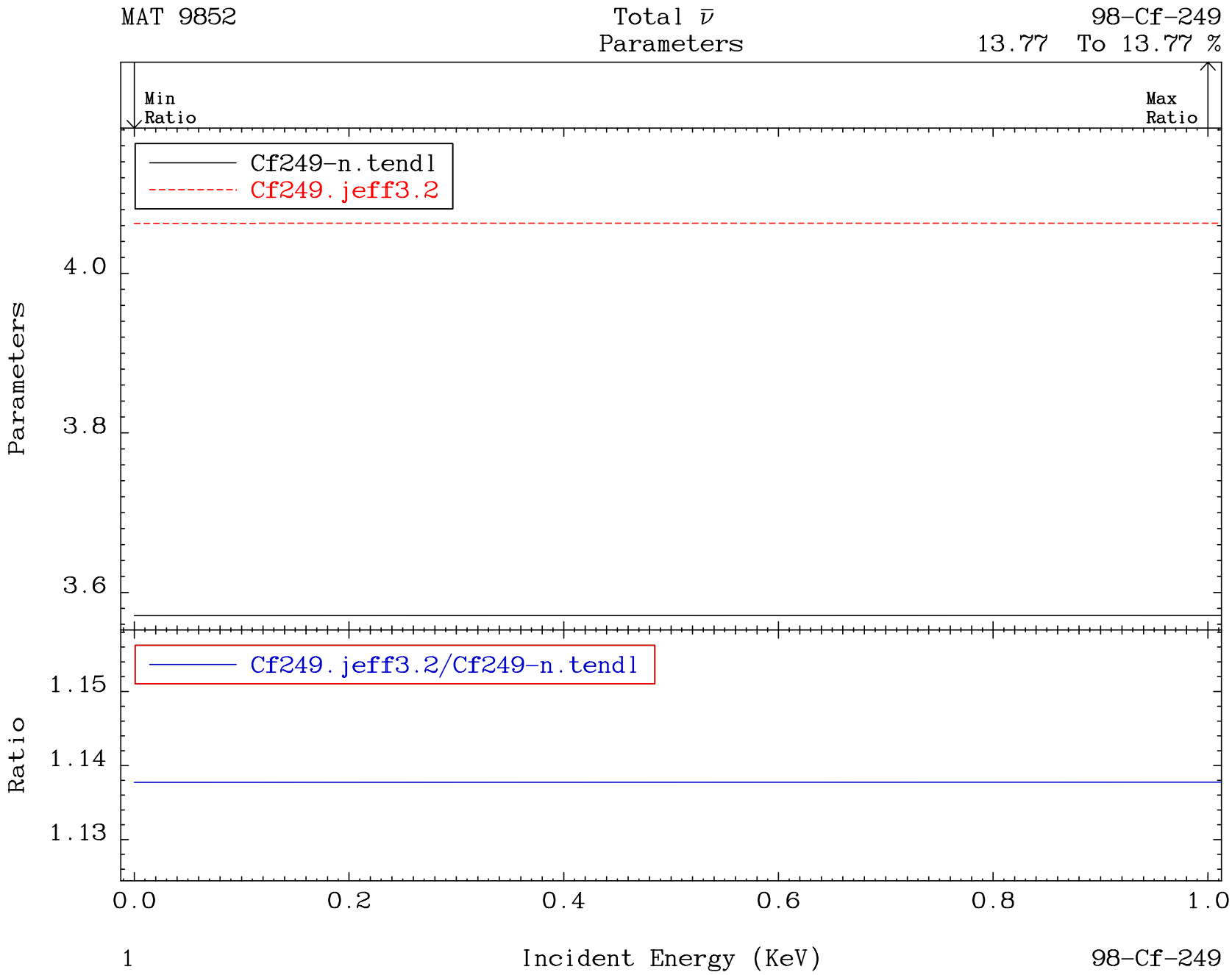
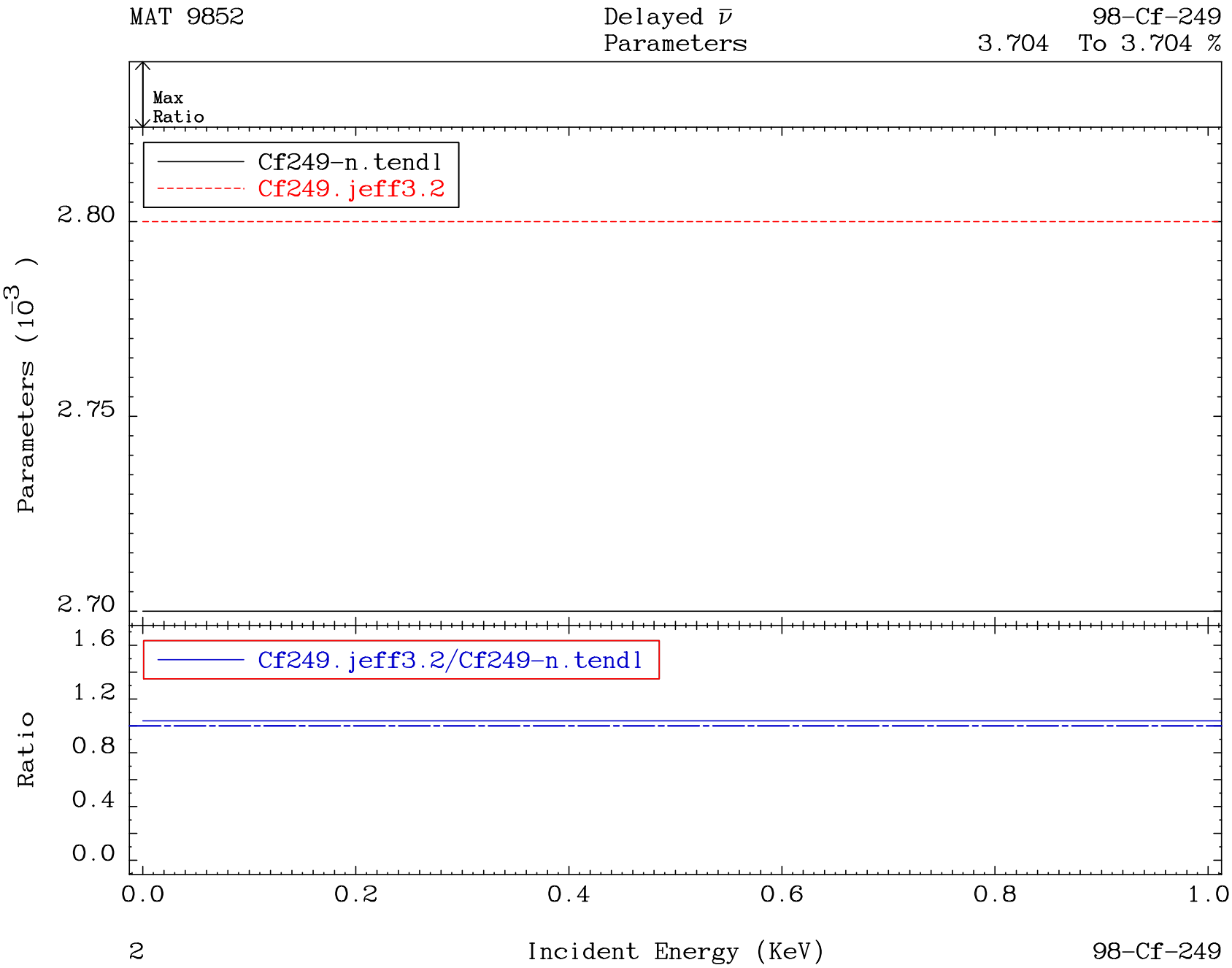
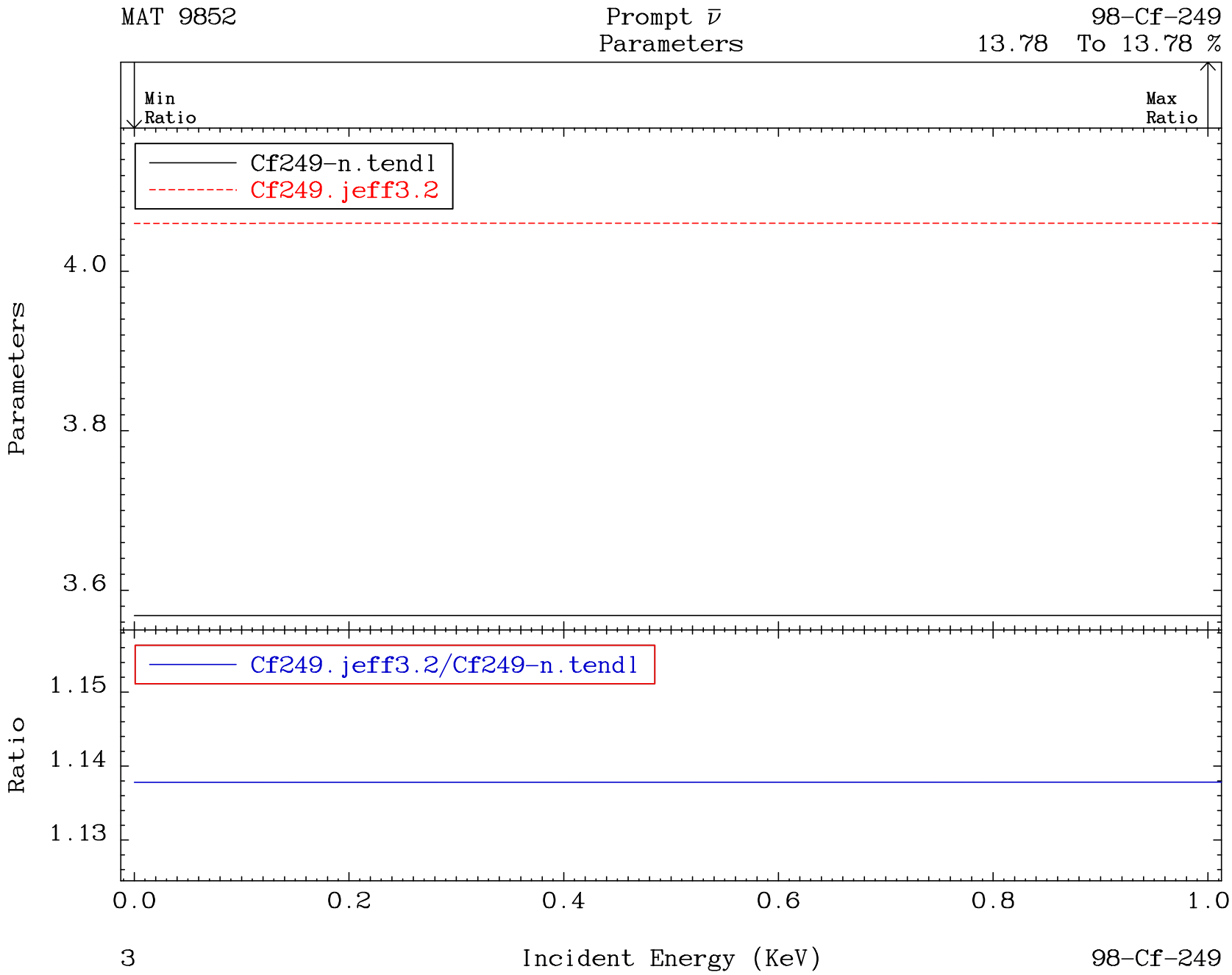
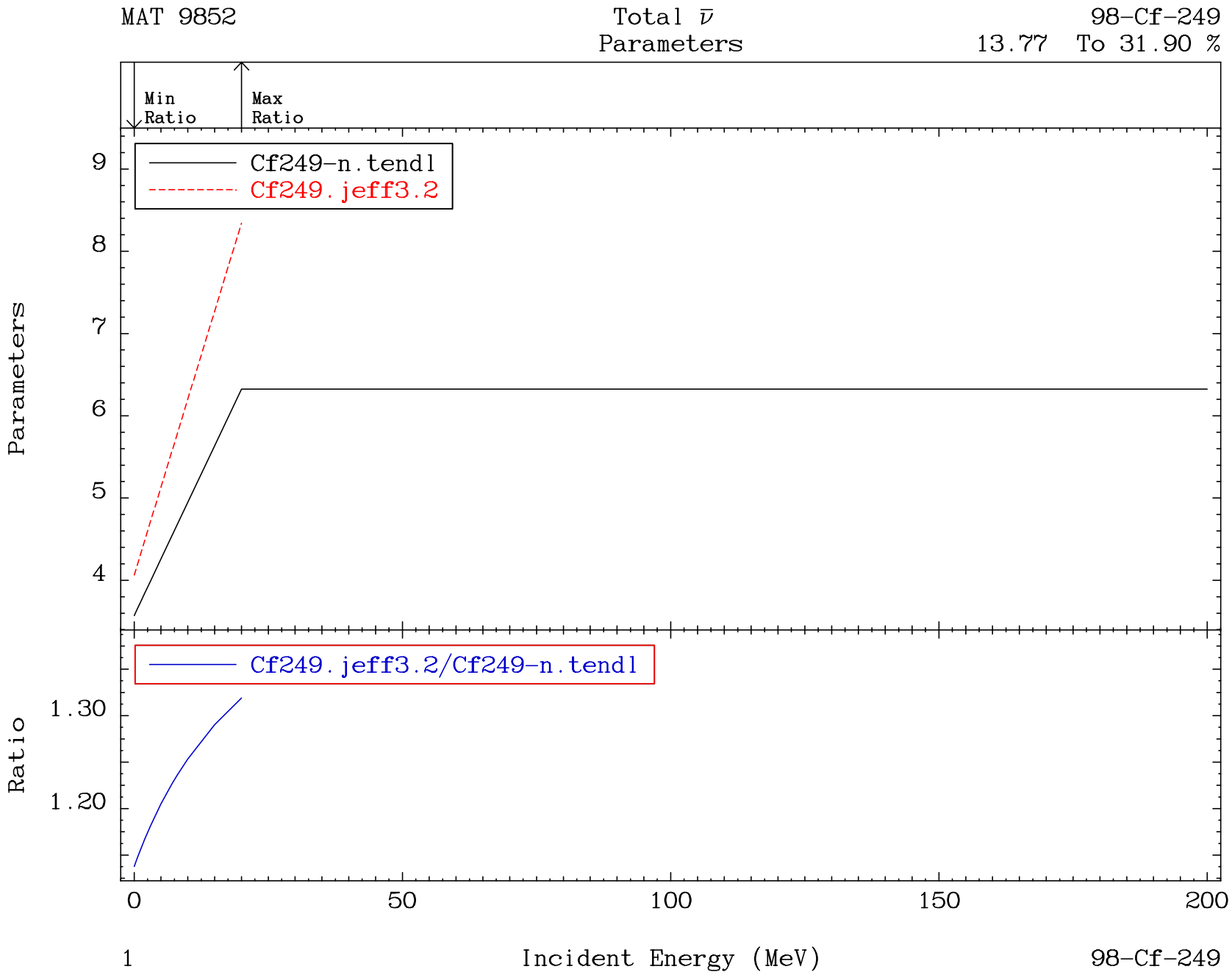
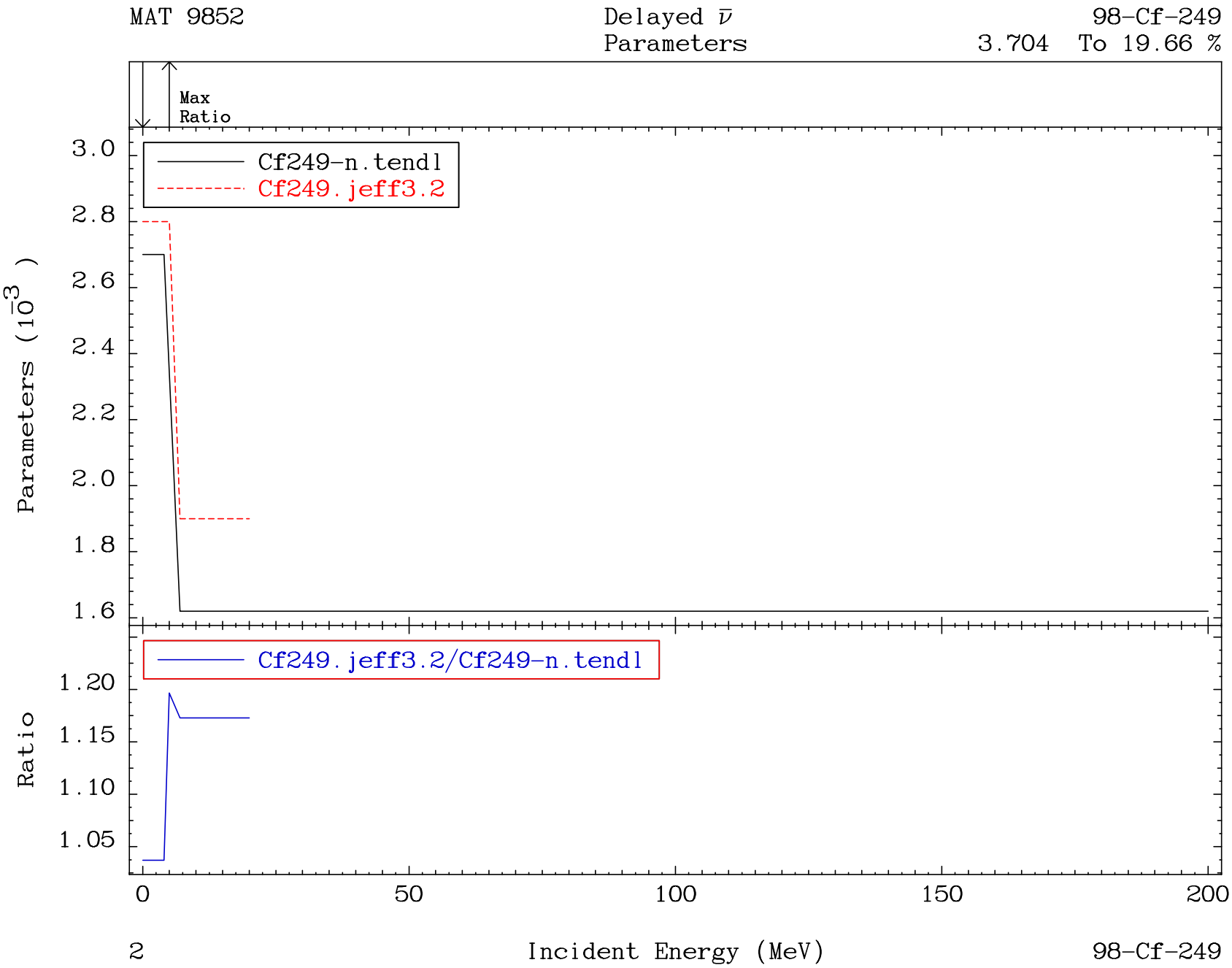
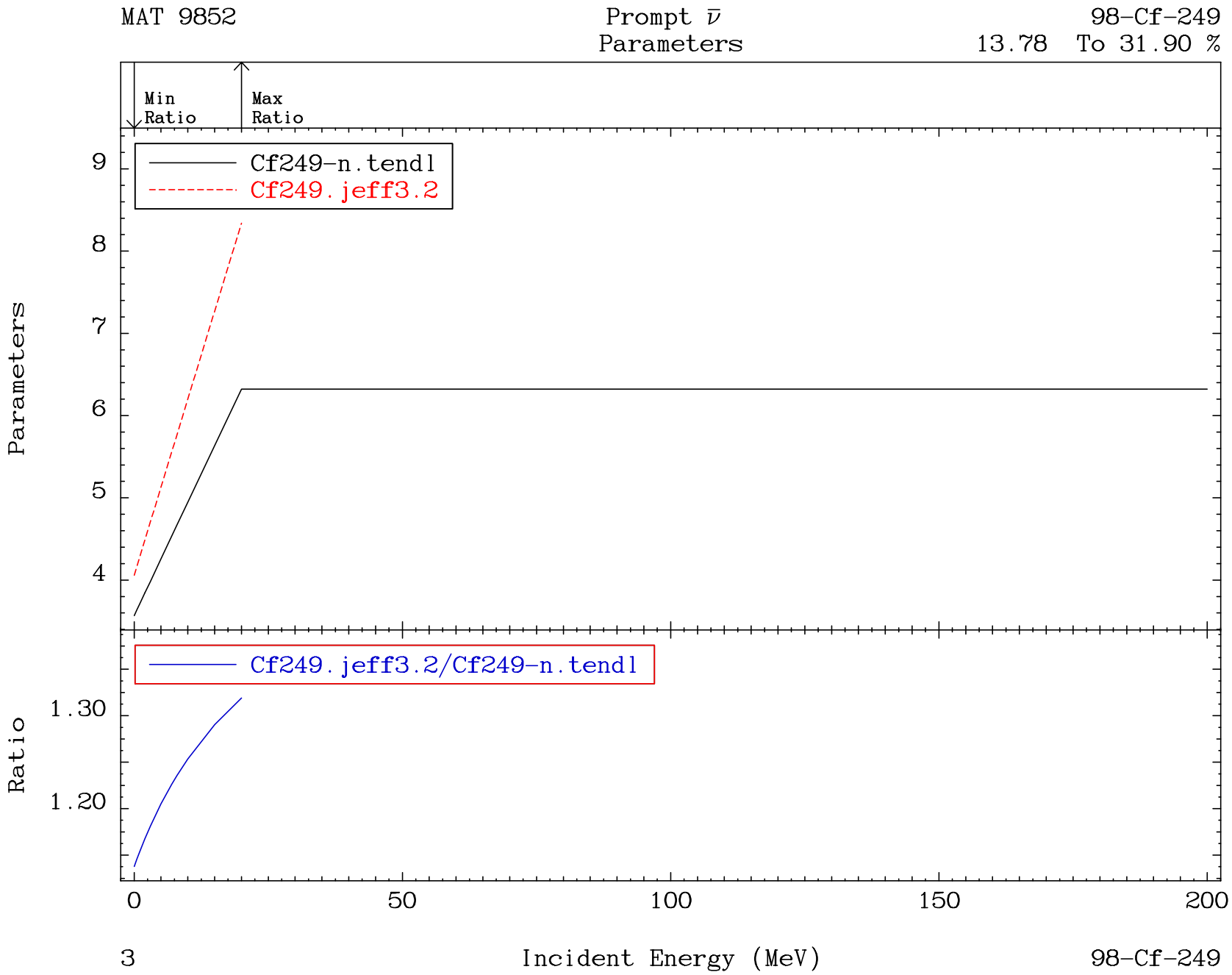

MAT 9852
Total $\bar{\nu}$
Parameters
98-Cf-249
13.77 To 13.77 %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Parameters
4.0
3.8
3.6
Cf249.jeff3.2/Cf249-n.tendl
Ratio
1.15
1.14
1.13
0.0
0.2
0.4
0.6
0.8
1.0
1
Incident Energy (KeV)
98-Cf-249

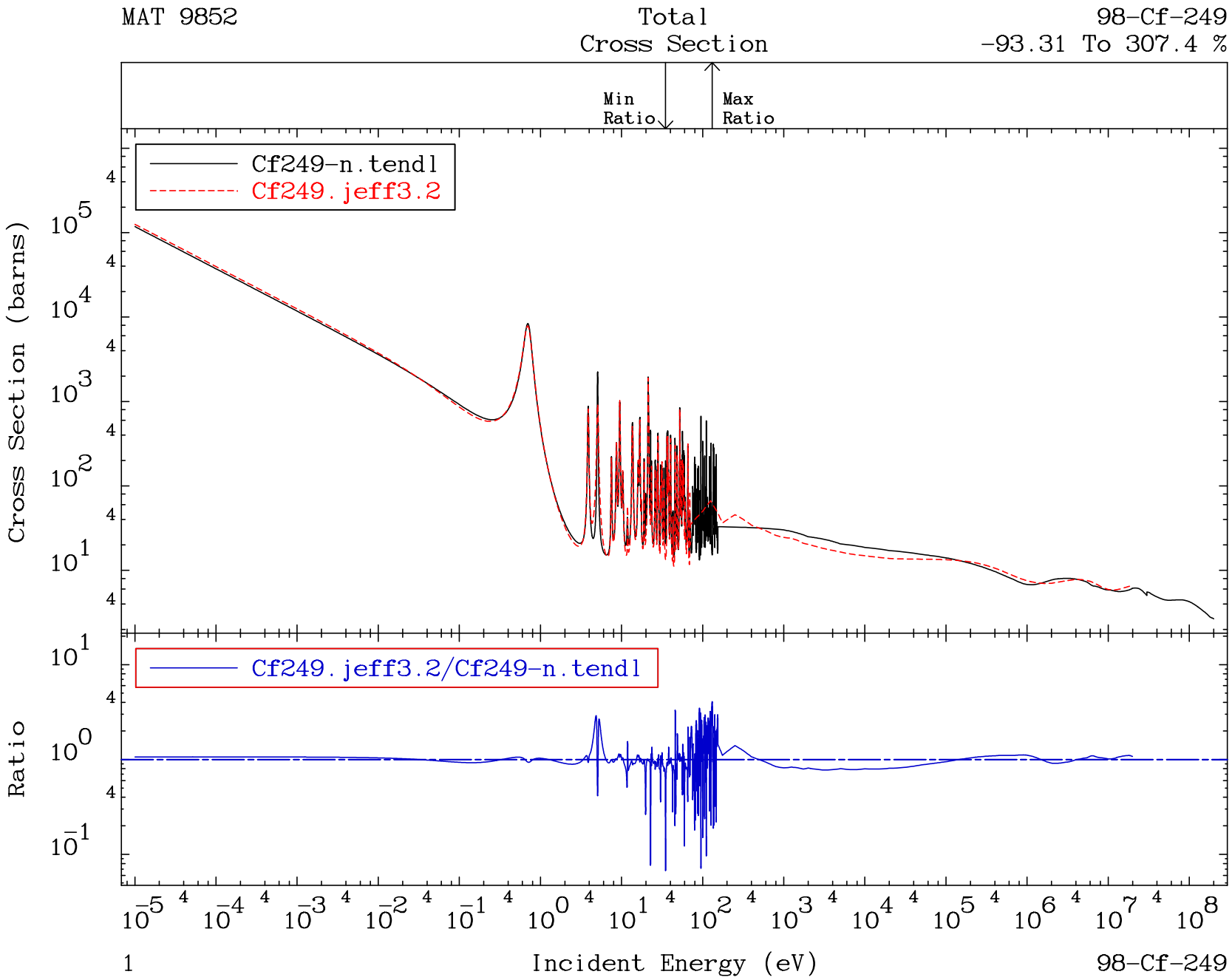

MAT 9852
Delayed $\bar{\nu}$
Parameters
98-Cf-249
3.704 To 3.704 %
Max
Ratio
Cf249-n.tendl
Cf249.jeff3.2
2.80
2.75
2.70
Parameters (10^{-3})
Cf249.jeff3.2/Cf249-n.tendl
1.6
1.2
0.8
0.4
0.0
Ratio
0.0
0.2
0.4
0.6
0.8
1.0
2
Incident Energy (KeV)
98-Cf-249

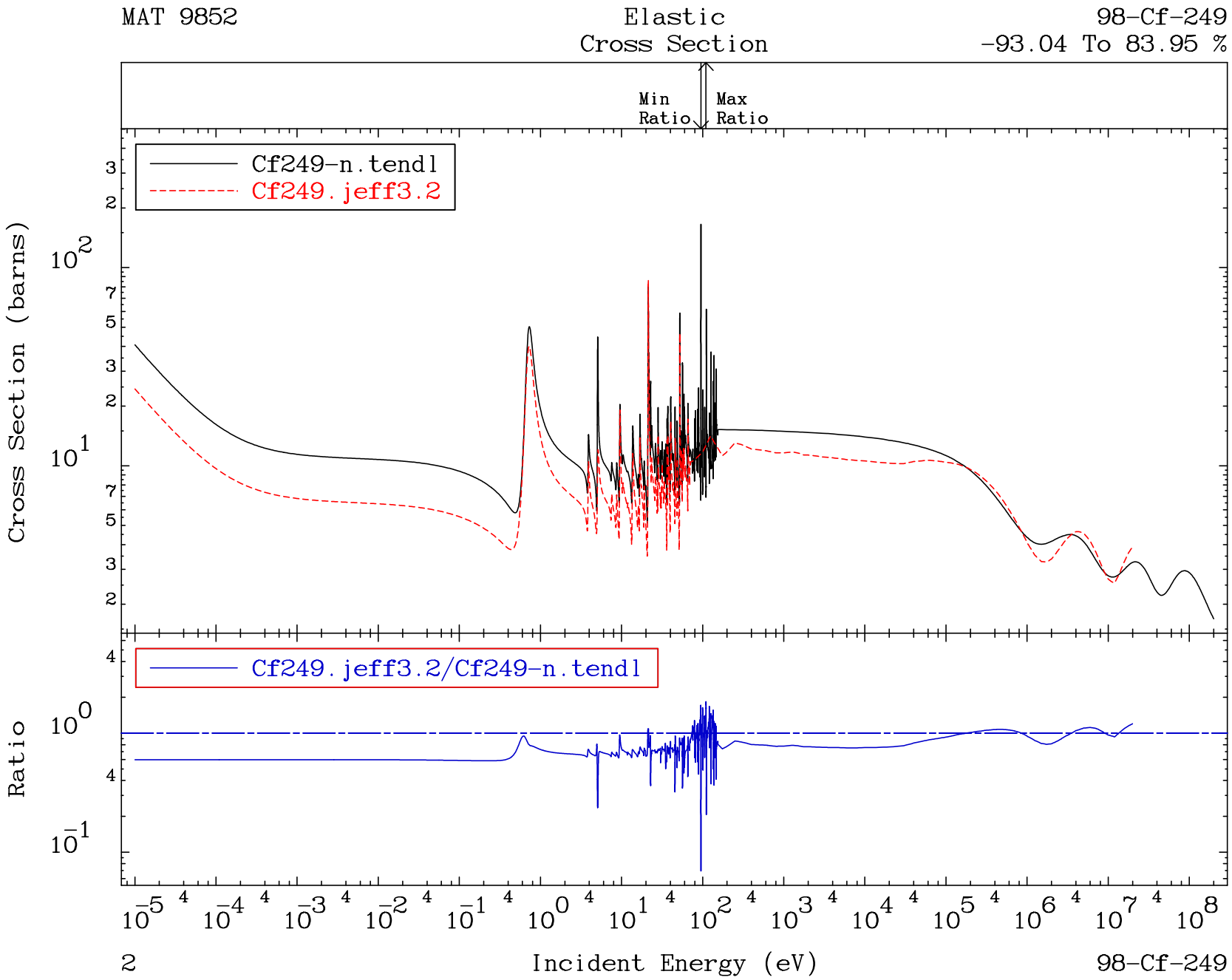

MAT 9852
Prompt $\bar{\nu}$
Parameters
98-Cf-249
13.78 To 13.78 %
Min
Ratio
Max
Ratio
Cf249-n.tendl
Cf249.jeff3.2
Parameters
4.0
3.8
3.6
Cf249.jeff3.2/Cf249-n.tendl
Ratio
1.15
1.14
1.13
0.0
0.2
0.4
0.6
0.8
1.0
3
Incident Energy (KeV)
98-Cf-249

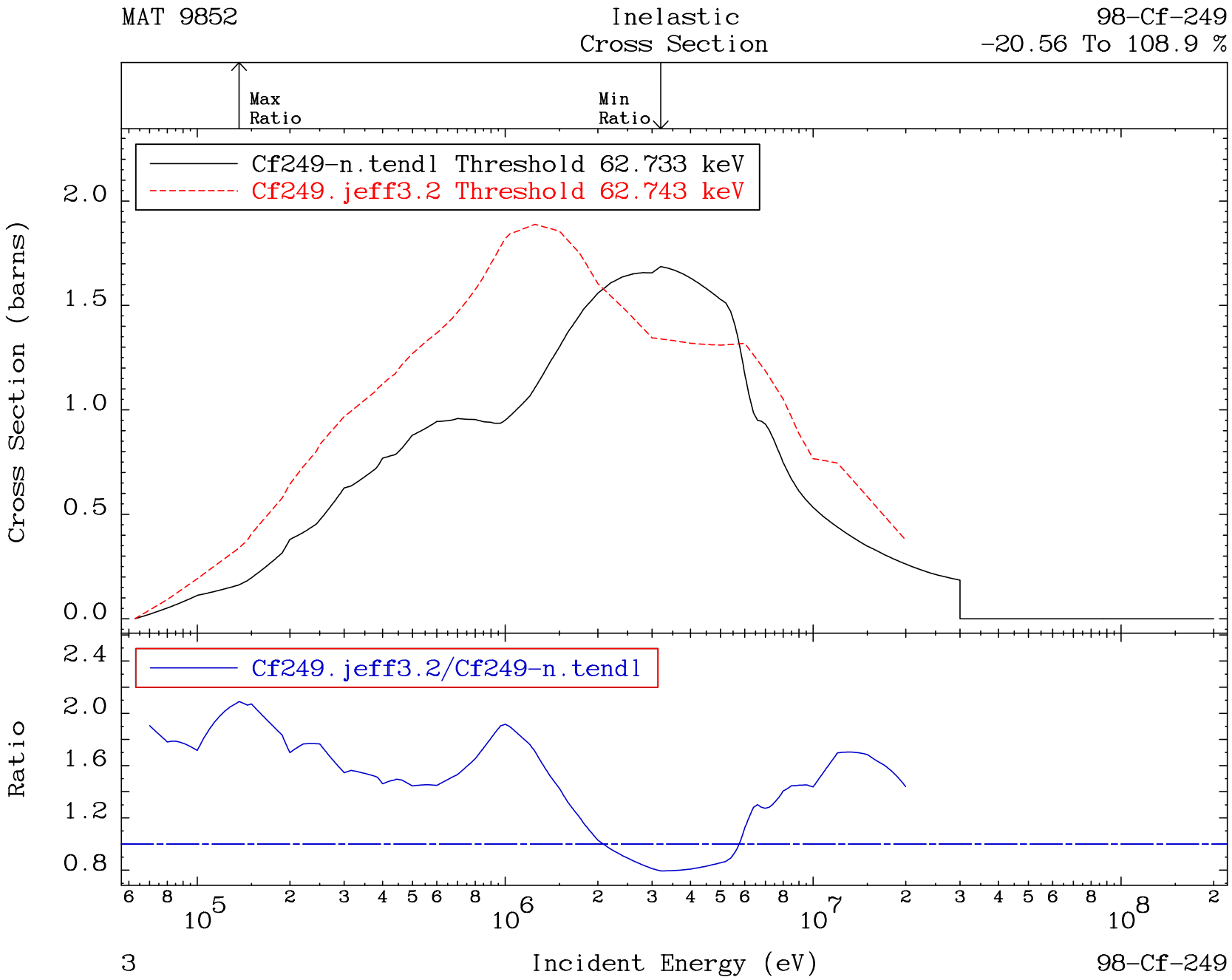

MAT 9852
Total $\bar{\nu}$
Parameters
98-Cf-249
13.77 To 31.90 %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Parameters
9
8
7
6
5
4
Cf249.jeff3.2/Cf249-n.tendl
Ratio
1.30
1.20
0
50
100
150
200
1
Incident Energy (MeV)
98-Cf-249

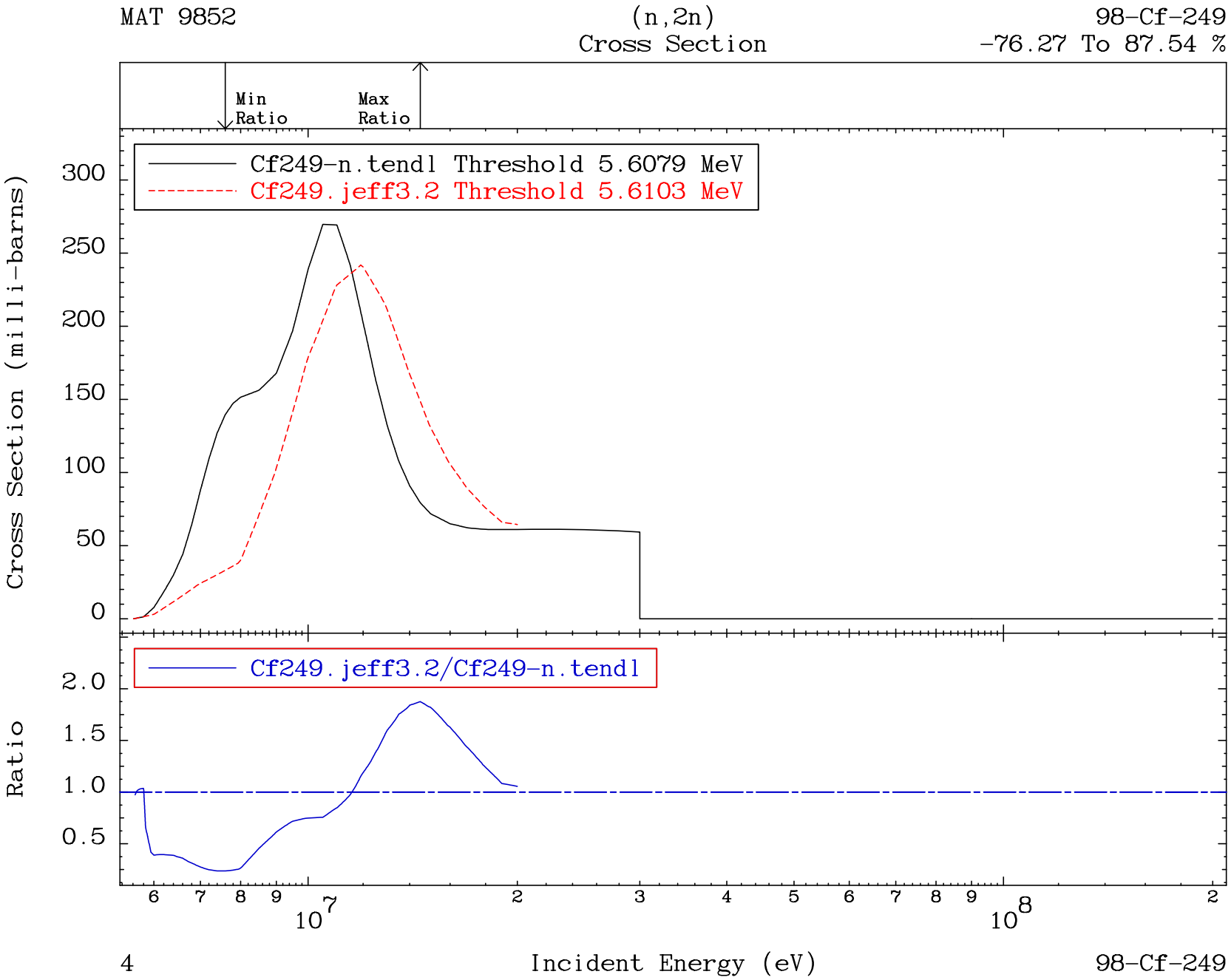

MAT 9852
Delayed $\bar{\nu}$
Parameters
98-Cf-249
3.704 To 19.66 %
Max
Ratio
Cf249-n.tendl
Cf249.jeff3.2
Parameters (10^{-3})
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
Cf249.jeff3.2/Cf249-n.tendl
Ratio
1.20
1.15
1.10
1.05
0
50
100
150
200
2
Incident Energy (MeV)
98-Cf-249

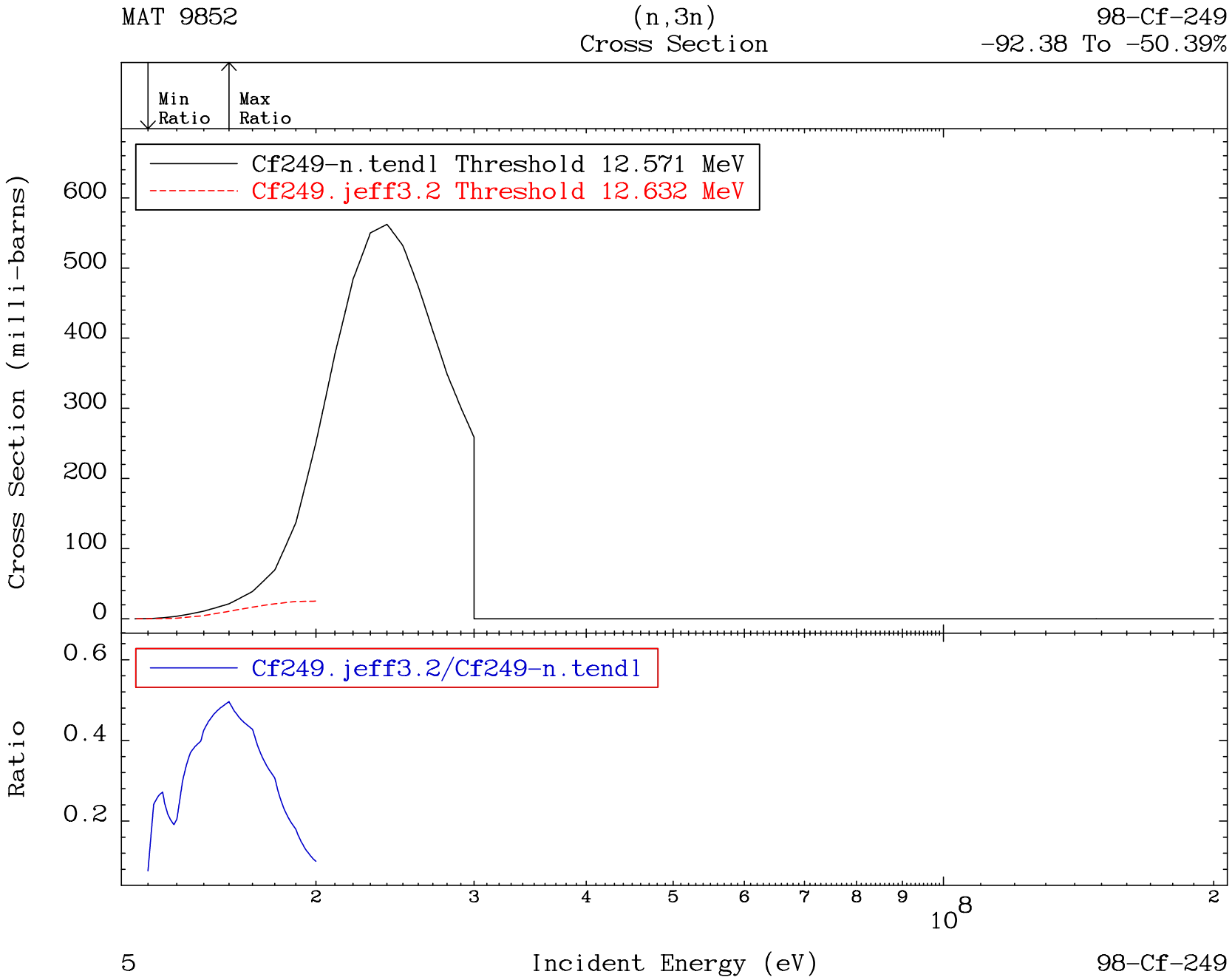

MAT 9852
Prompt $\bar{\nu}$
Parameters
98-Cf-249
13.78 To 31.90 %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Parameters
9
8
7
6
5
4
Cf249.jeff3.2/Cf249-n.tendl
Ratio
1.30
1.20
0
50
100
150
200
3
Incident Energy (MeV)
98-Cf-249

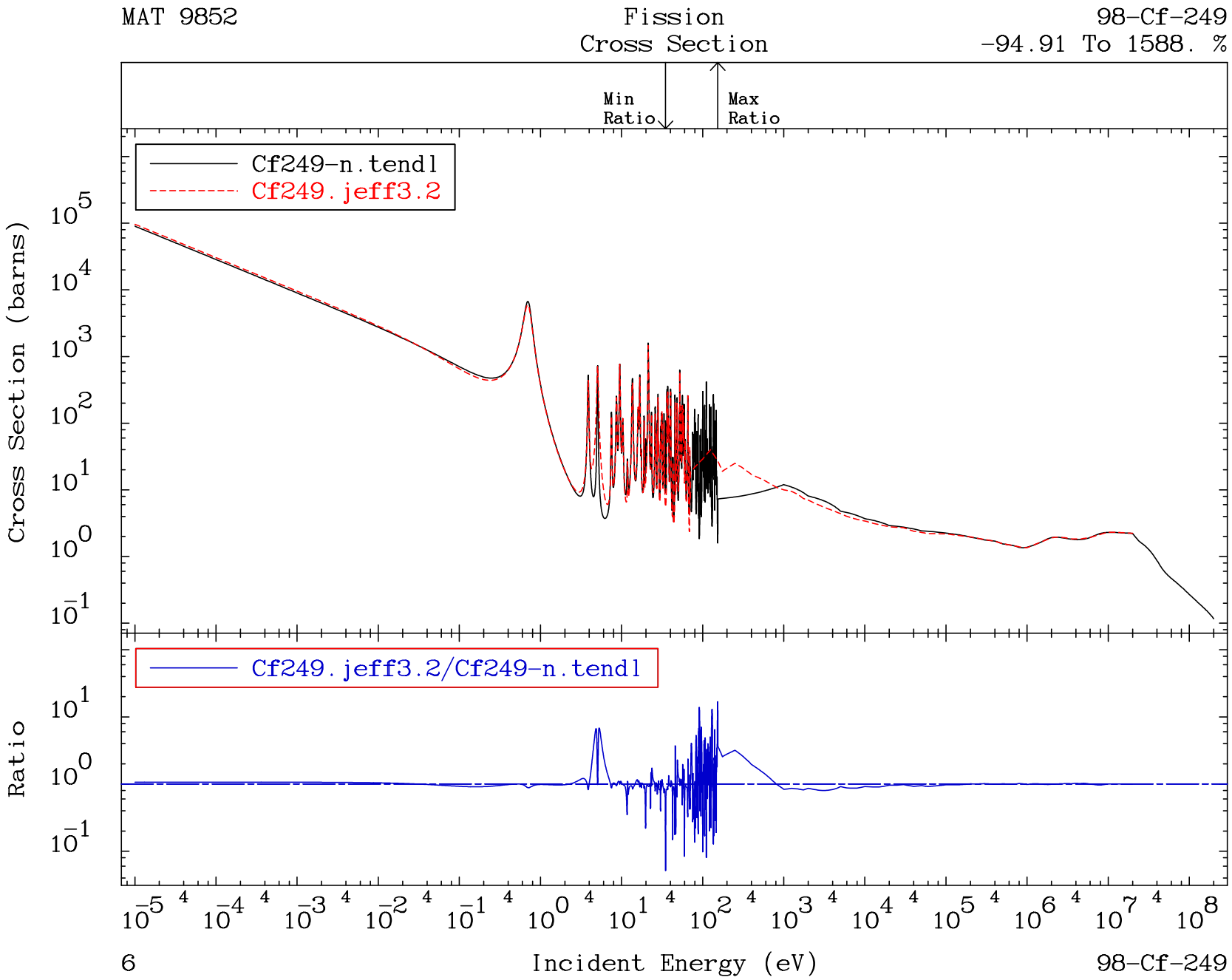

MAT 9852
Total
Cross Section
98-Cf-249
-93.31 To 307.4 %
Min
Ratio
Max
Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
1
98-Cf-249

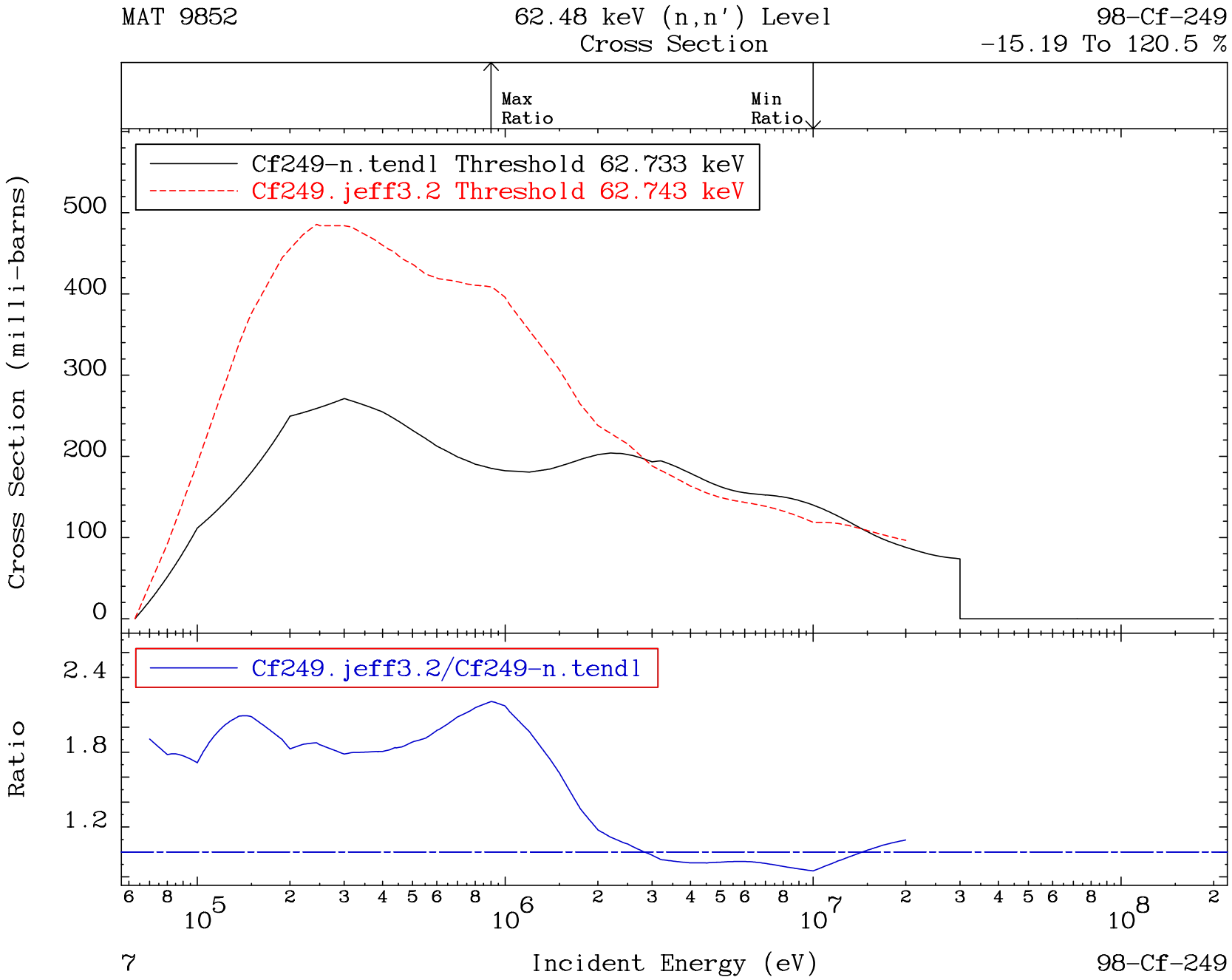

MAT 9852
Elastic
Cross Section
98-Cf-249
-93.04 To 83.95 %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
2
98-Cf-249

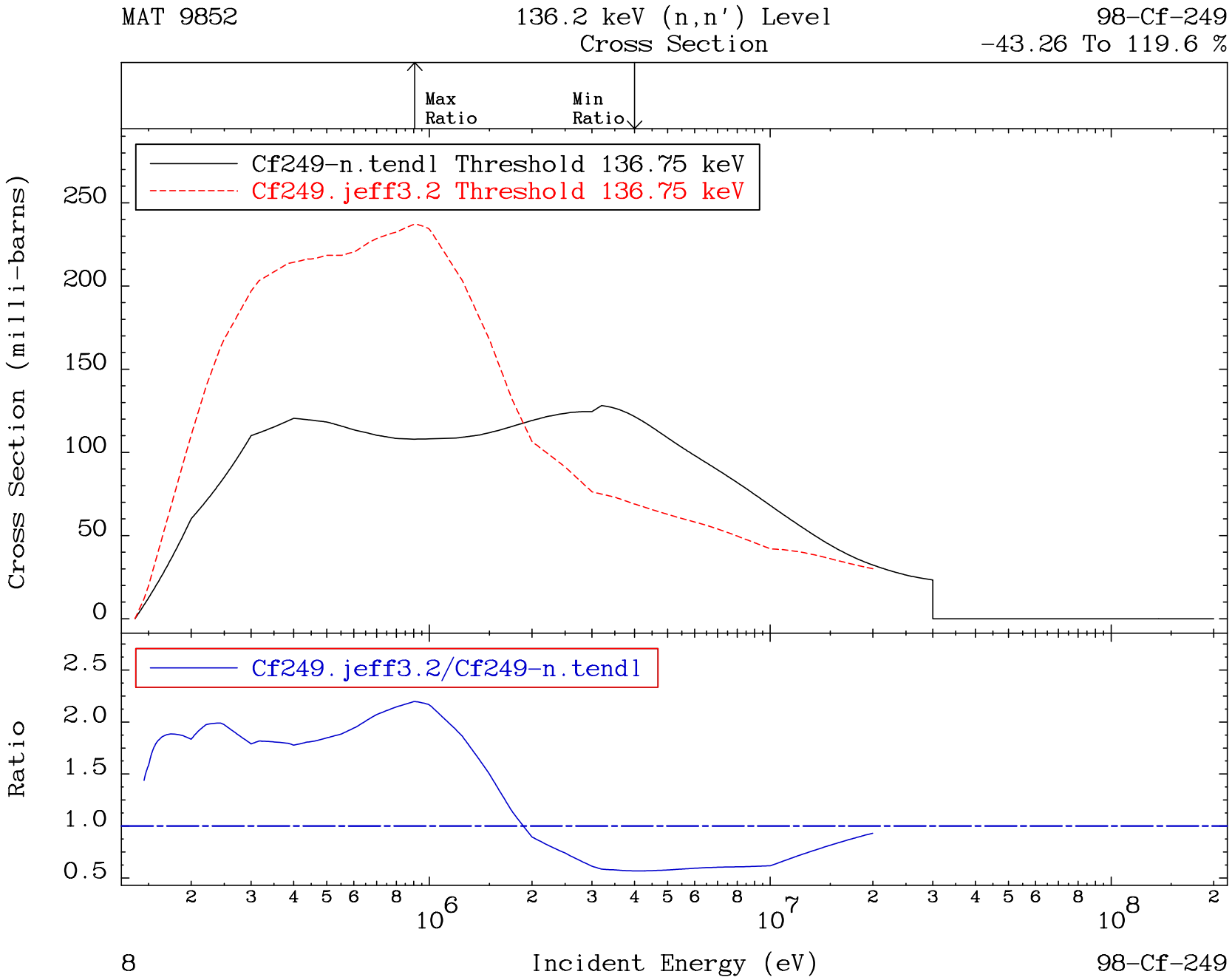

MAT 9852
Inelastic
Cross Section
98-Cf-249
-20.56 To 108.9 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 62.733 keV
Cf249.jeff3.2 Threshold 62.743 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
2.4
2.0
1.6
1.2
0.8
6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
Incident Energy (eV)
3
98-Cf-249

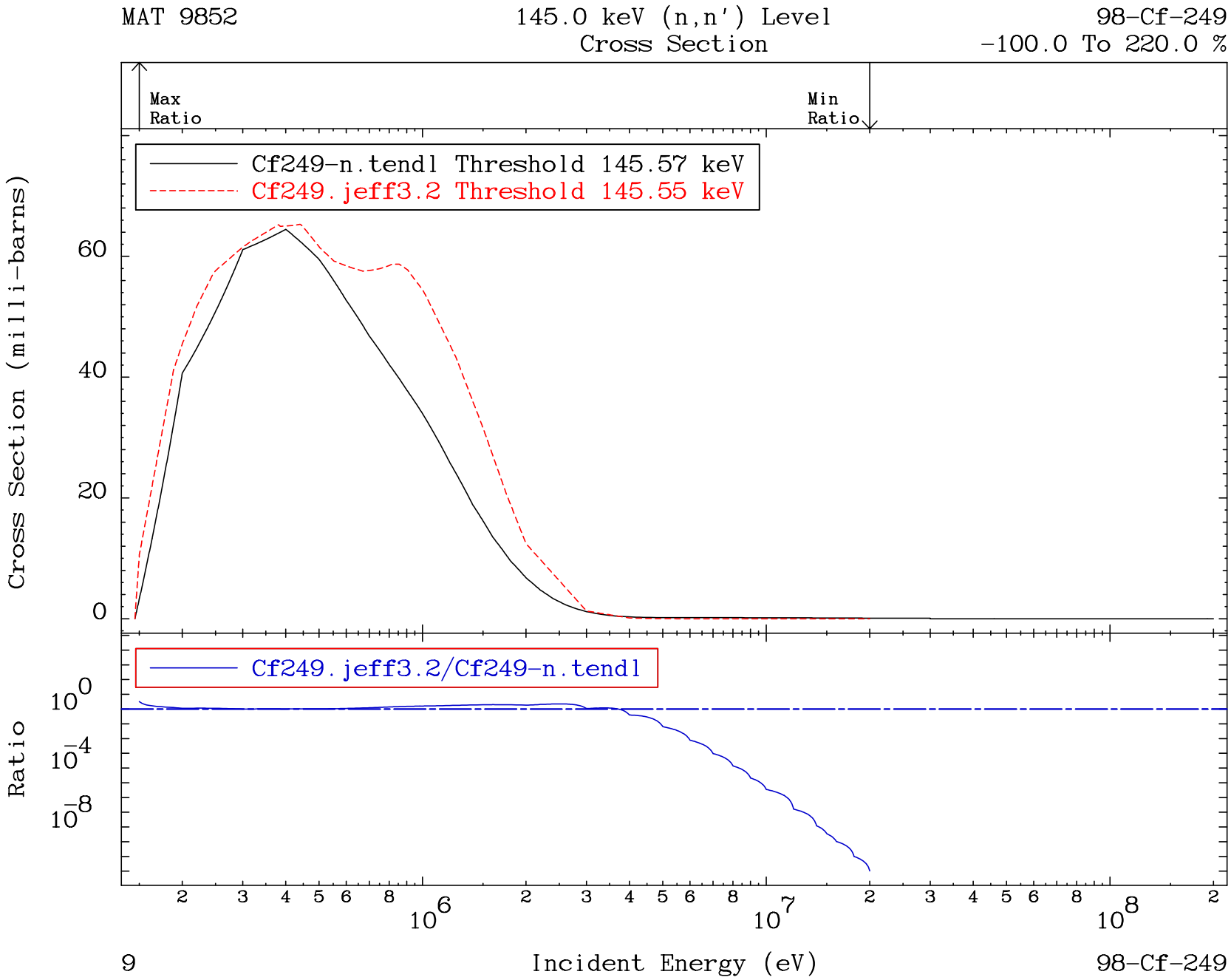

MAT 9852
(n,2n)
Cross Section
98-Cf-249
-76.27 To 87.54 %
Min Ratio
Max Ratio
Cf249-n.tendl Threshold 5.6079 MeV
Cf249.jeff3.2 Threshold 5.6103 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
2.0
1.5
1.0
0.5
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
4
Incident Energy (eV)
98-Cf-249

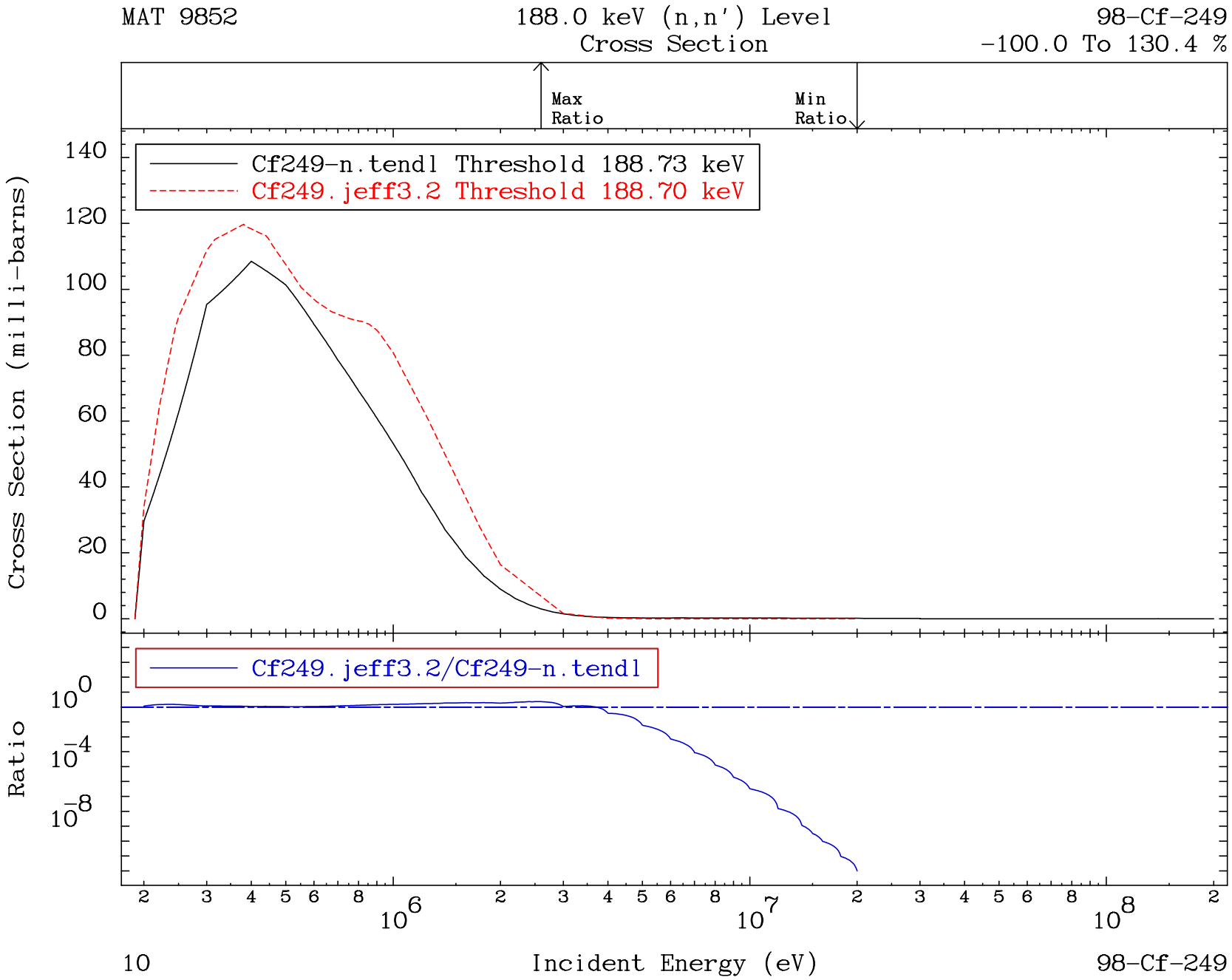

MAT 9852
(n,3n)
Cross Section
98-Cf-249
-92.38 To -50.39%
Min Ratio
Max Ratio
Cf249-n.tendl Threshold 12.571 MeV
Cf249.jeff3.2 Threshold 12.632 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
0.6
0.4
0.2
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
98-Cf-249

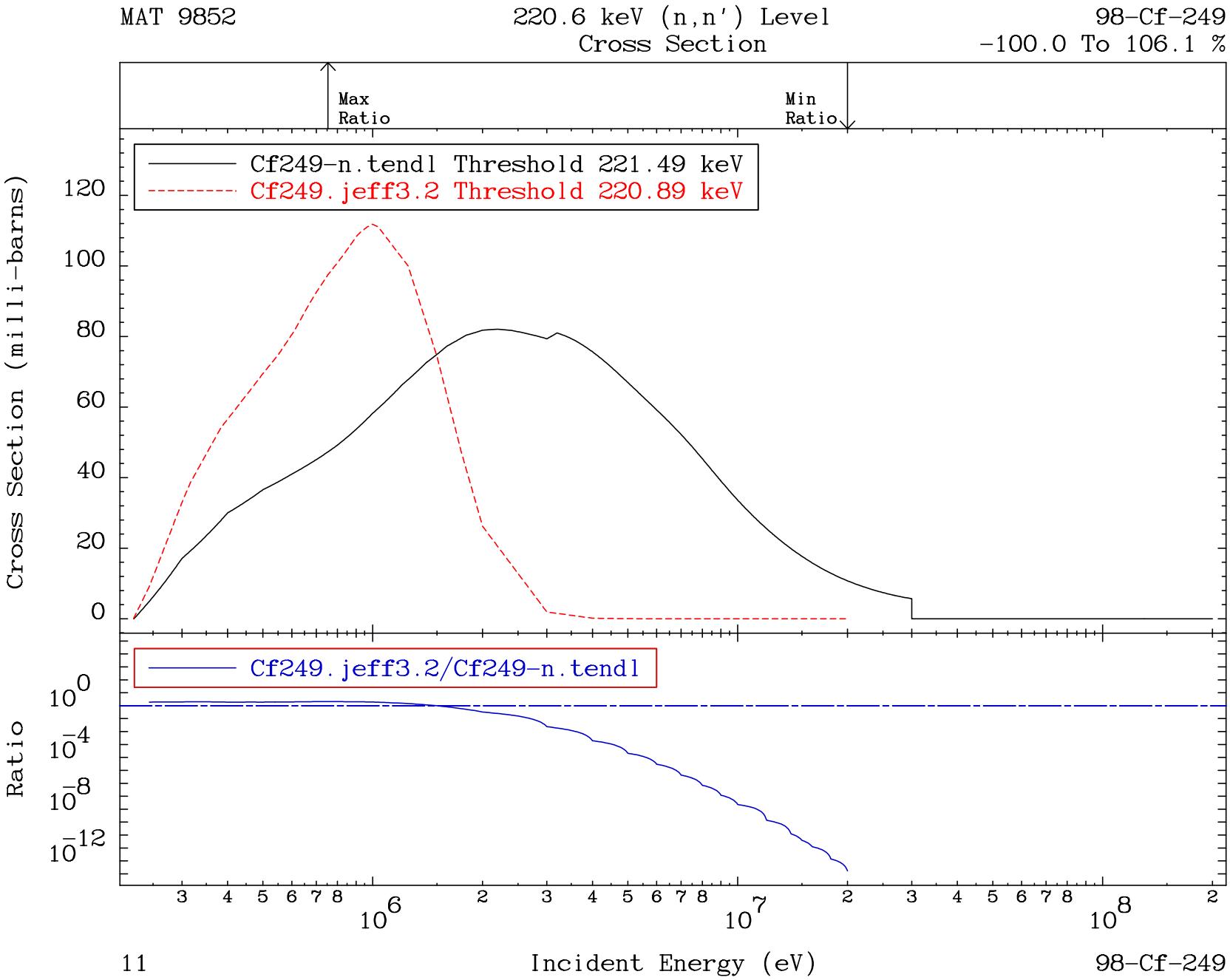

MAT 9852
Fission
Cross Section
98-Cf-249
-94.91 To 1588. %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
6
98-Cf-249

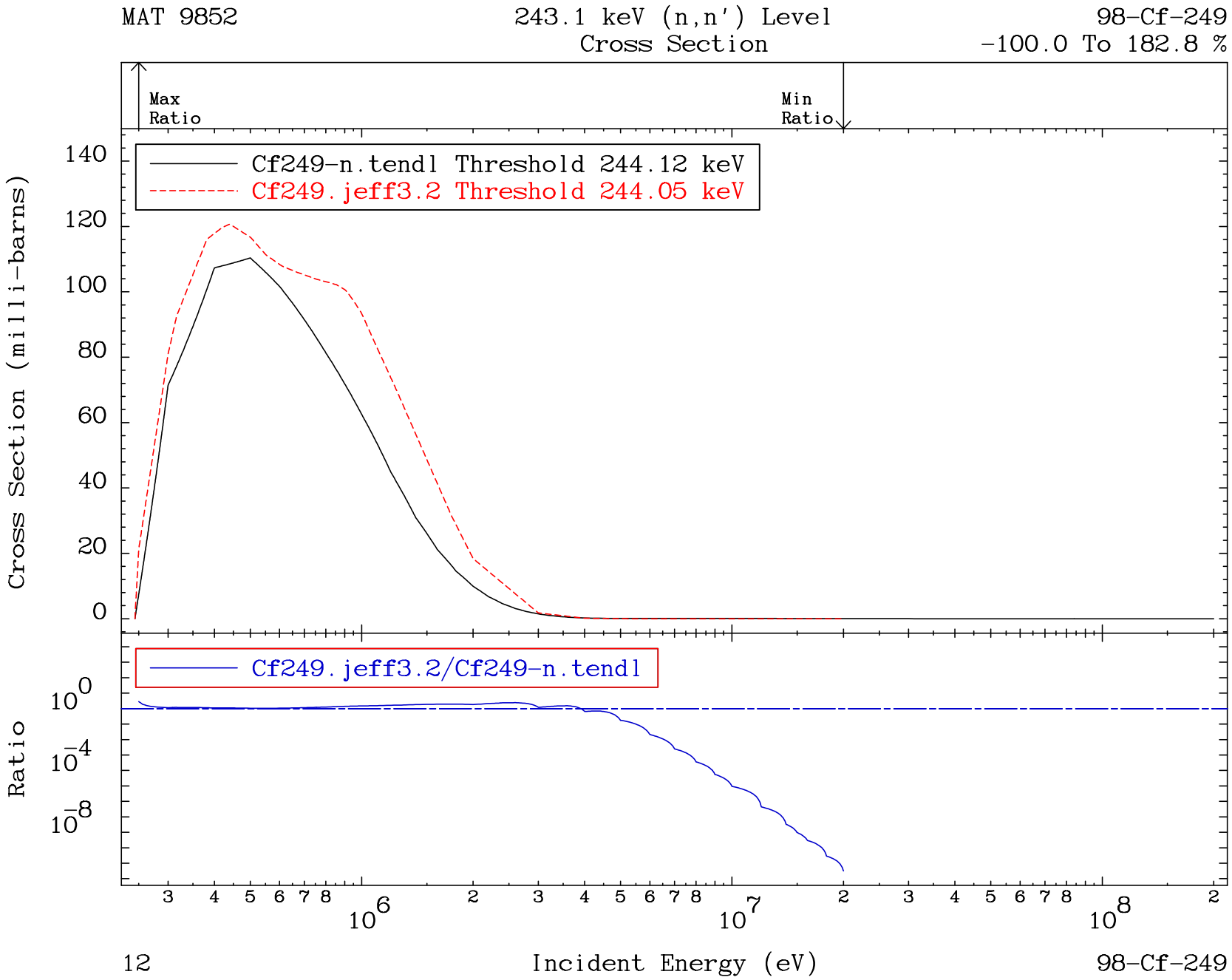

MAT 9852
62.48 keV (n,n') Level
Cross Section
98-Cf-249
-15.19 To 120.5 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 62.733 keV
Cf249.jeff3.2 Threshold 62.743 keV
Cross Section (milli-barns)
500
400
300
200
100
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
2.4
1.8
1.2
6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
7
Incident Energy (eV)
98-Cf-249

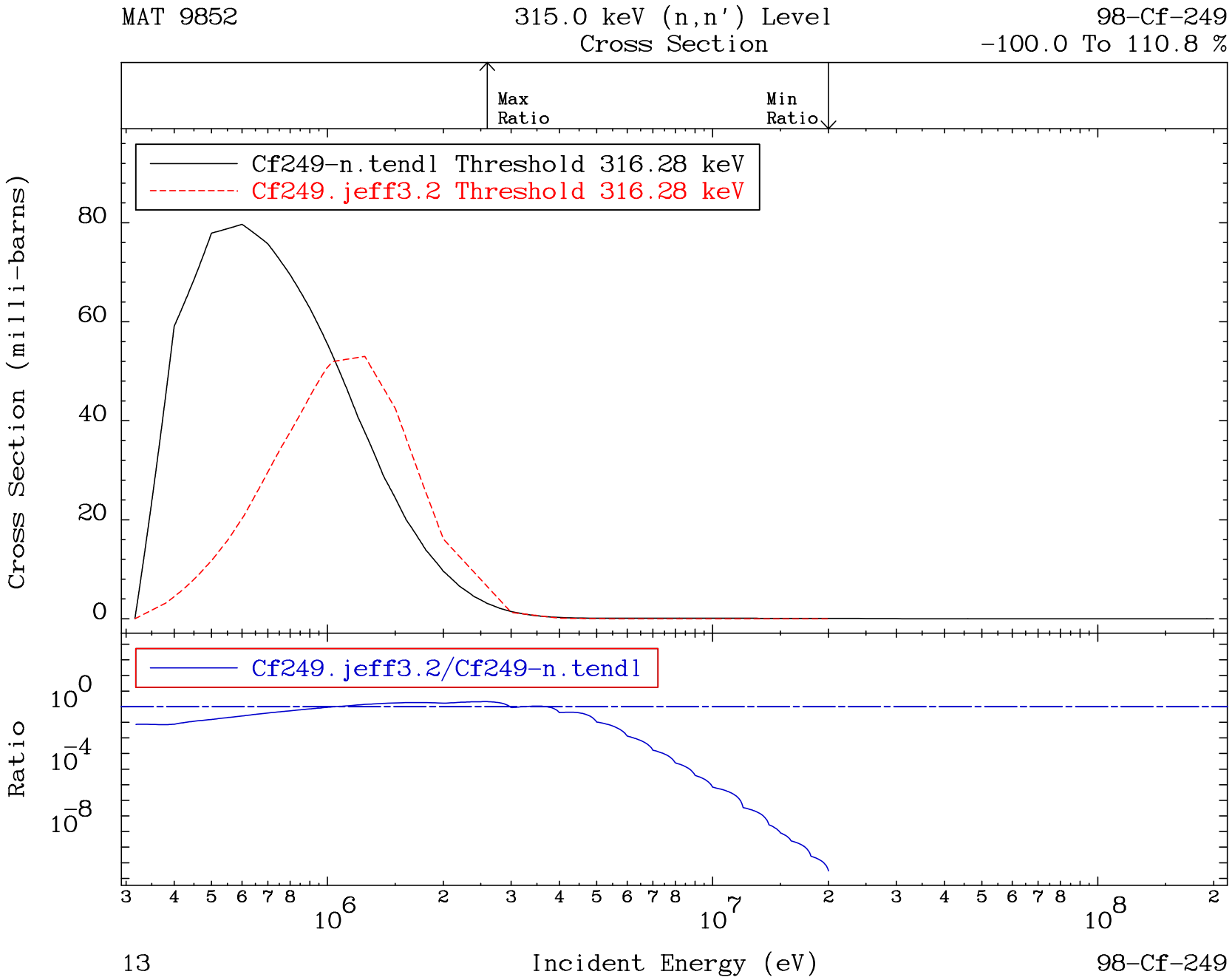

MAT 9852
136.2 keV (n,n') Level
Cross Section
98-Cf-249
-43.26 To 119.6 %
Max Ratio
Min Ratio
Cf249-n.tendl Threshold 136.75 keV
Cf249.jeff3.2 Threshold 136.75 keV
Cross Section (milli-barns)
250
200
150
100
50
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
2.5
2.0
1.5
1.0
0.5
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
8
Incident Energy (eV)
98-Cf-249

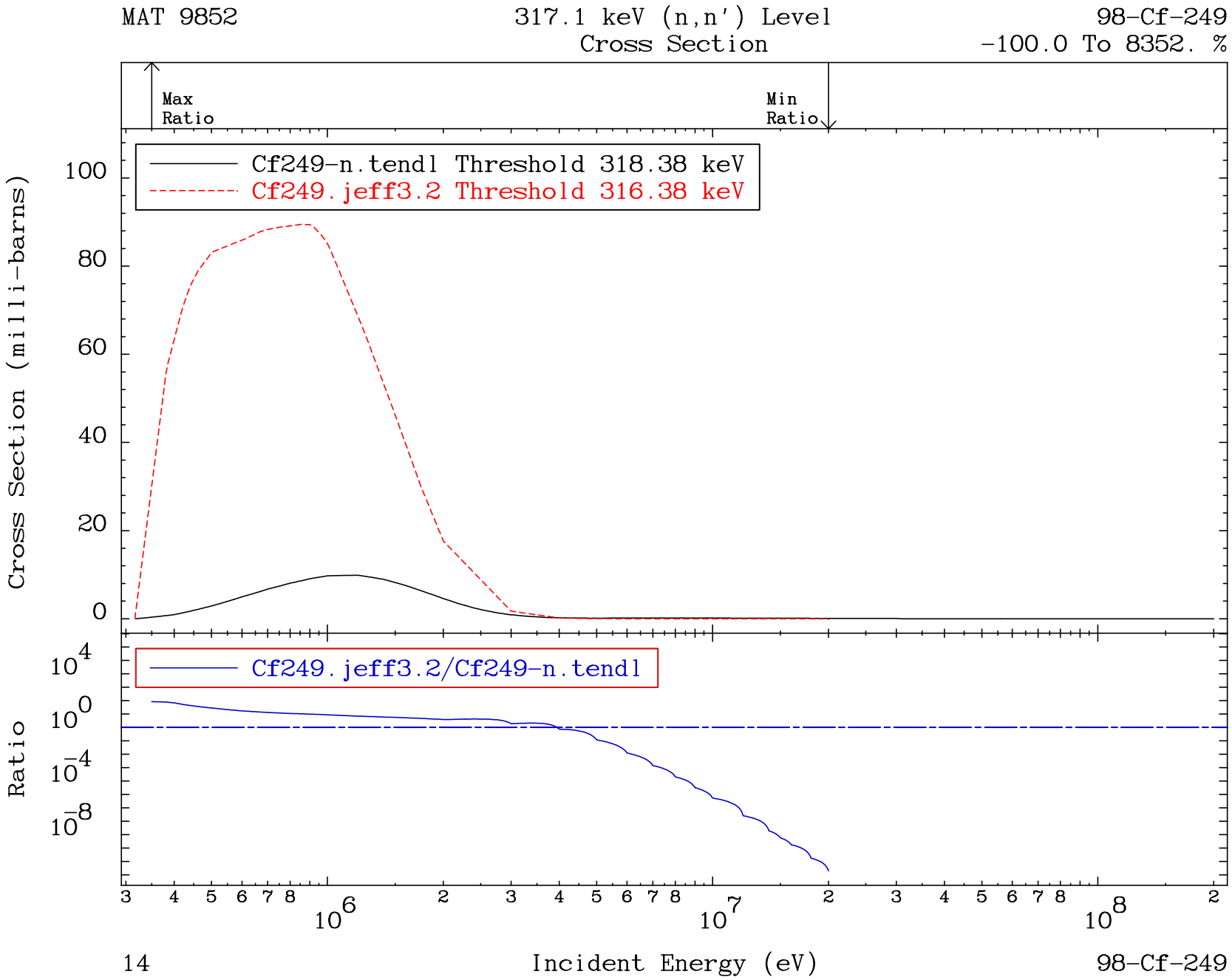

MAT 9852
145.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 220.0 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 145.57 keV
Cf249.jeff3.2 Threshold 145.55 keV
Cross Section (milli-barns)
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
9
Incident Energy (eV)
98-Cf-249

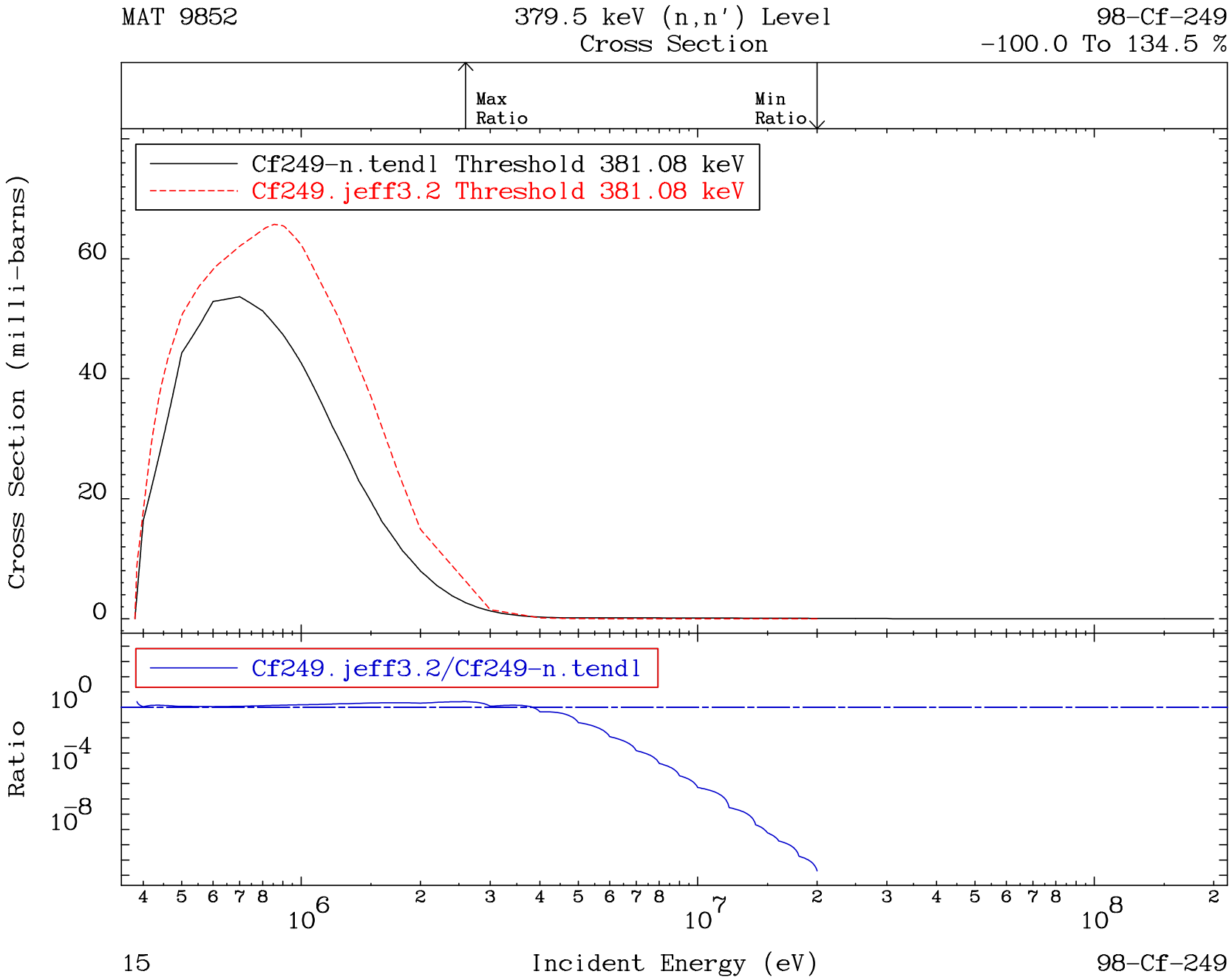

MAT 9852
188.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 130.4 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 188.73 keV
Cf249.jeff3.2 Threshold 188.70 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
10
Incident Energy (eV)
98-Cf-249

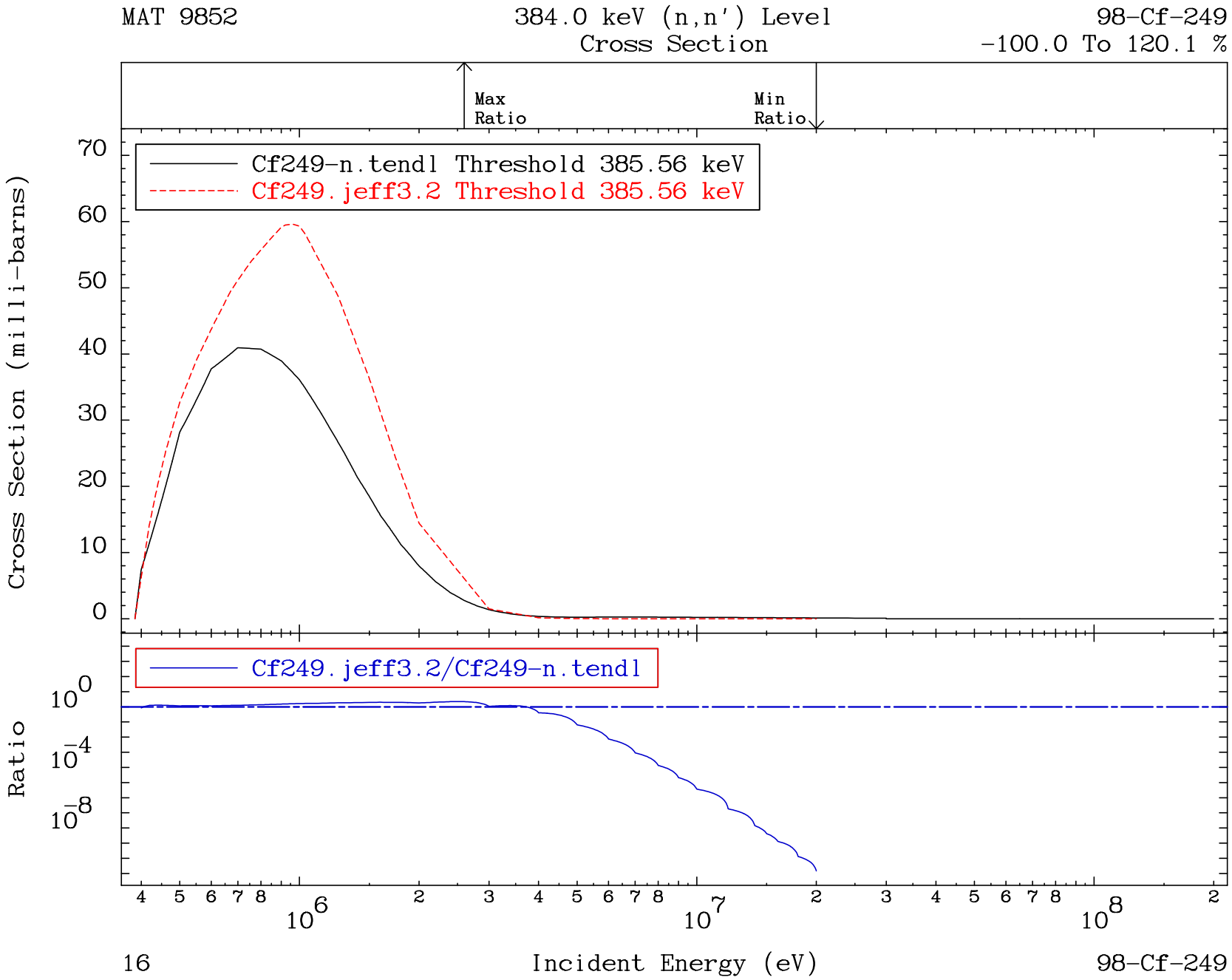

MAT 9852
220.6 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 106.1 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 221.49 keV
Cf249.jeff3.2 Threshold 220.89 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^-12
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
11
Incident Energy (eV)
98-Cf-249

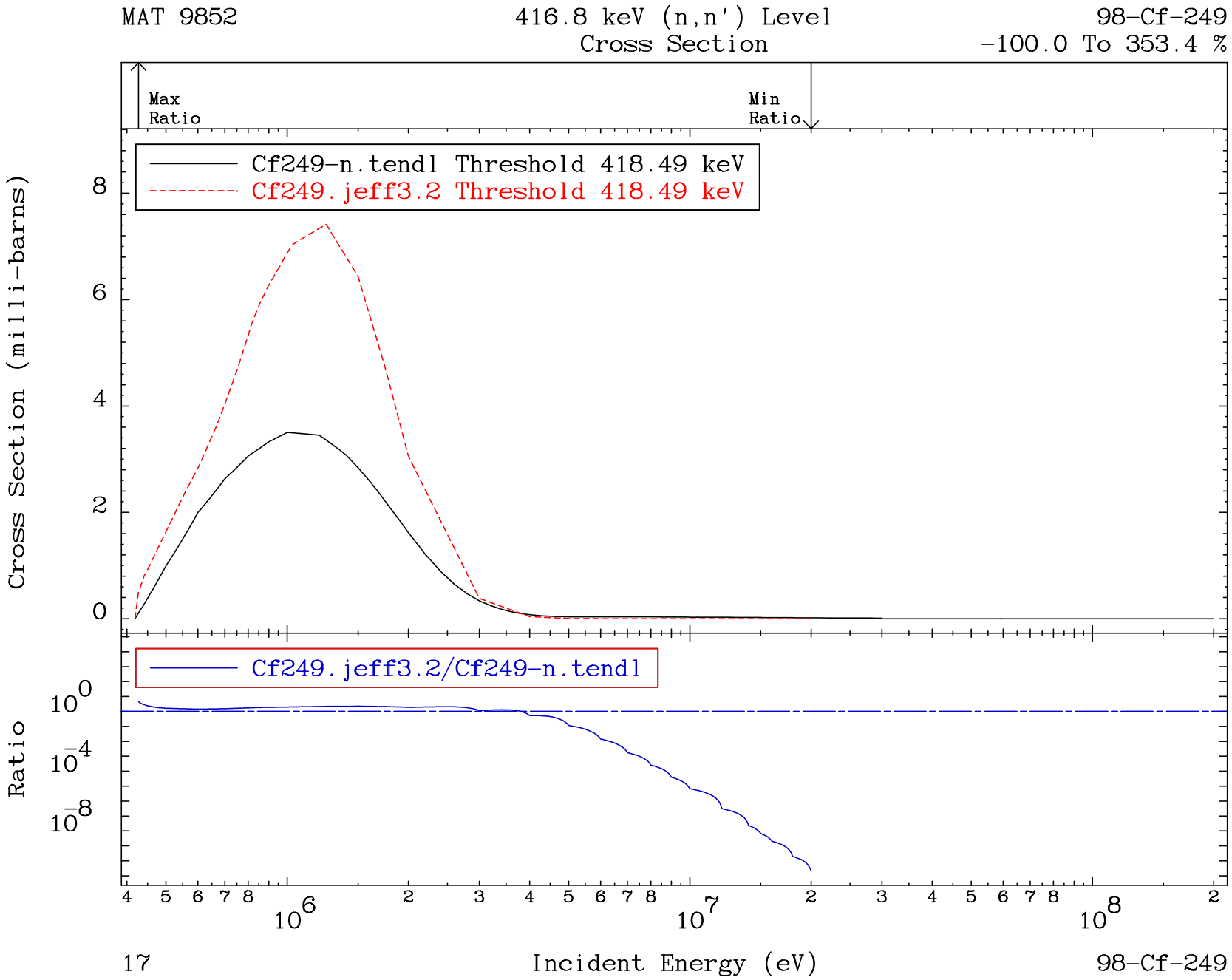

MAT 9852
243.1 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 182.8 %
Max Ratio
Min Ratio
Cf249-n.tendl Threshold 244.12 keV
Cf249.jeff3.2 Threshold 244.05 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
12
Incident Energy (eV)
98-Cf-249

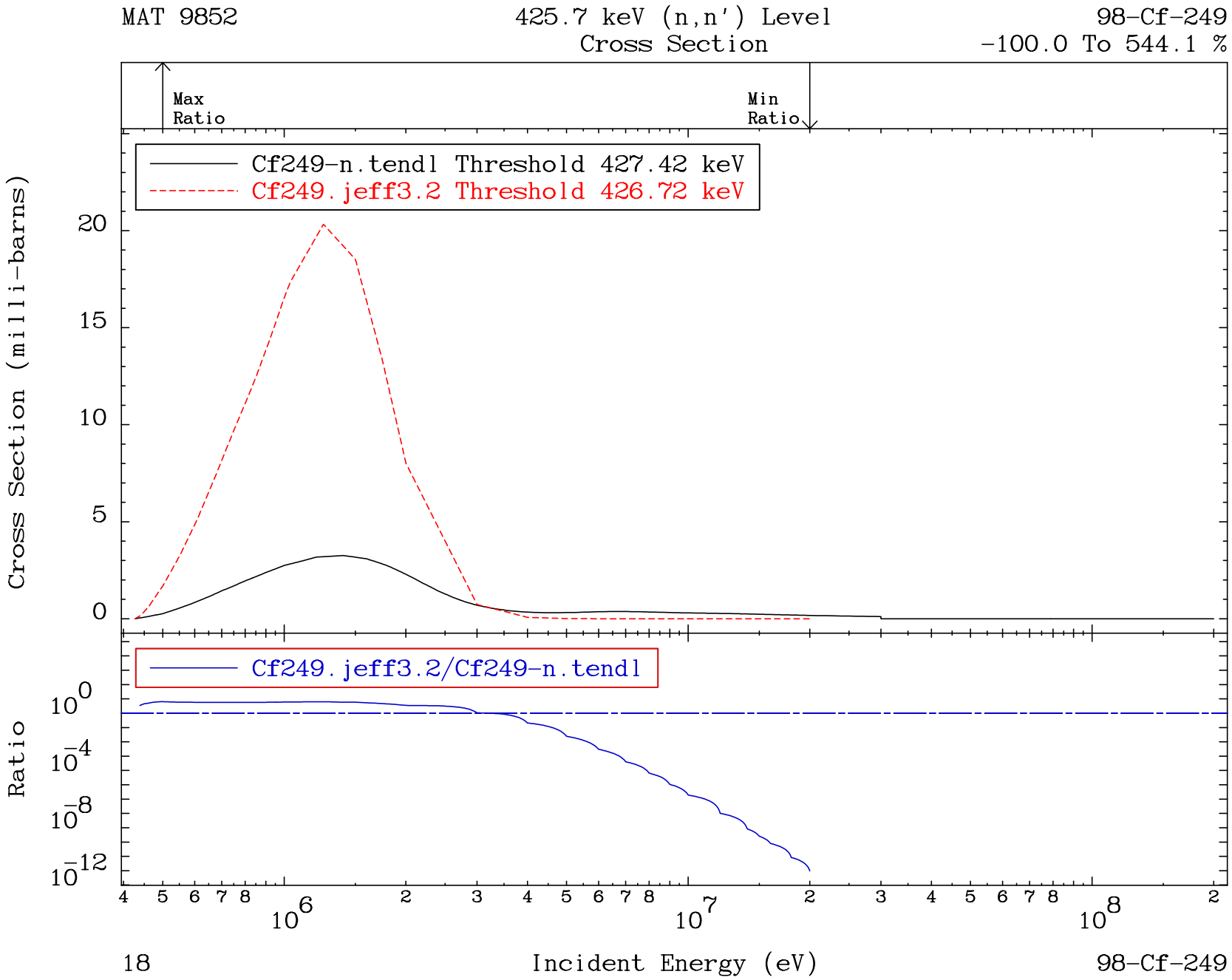

MAT 9852
315.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 110.8 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 316.28 keV
Cf249.jeff3.2 Threshold 316.28 keV
Cross Section (milli-barns)
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
13
Incident Energy (eV)
98-Cf-249

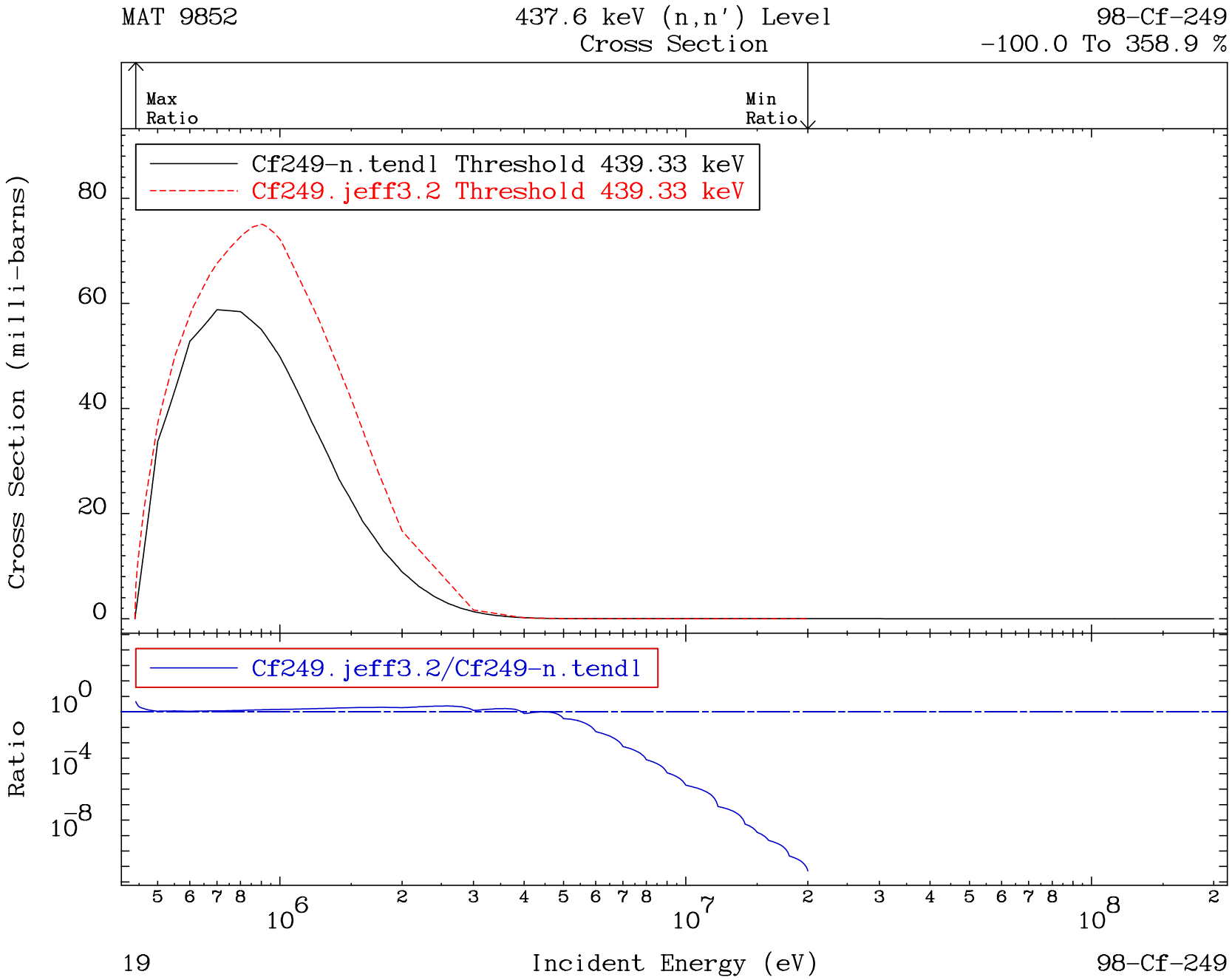

MAT 9852
317.1 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 8352. %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 318.38 keV
Cf249.jeff3.2 Threshold 316.38 keV
Cross Section (milli-barns)
100
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^4
10^0
10^-4
10^-8
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
14
Incident Energy (eV)
98-Cf-249

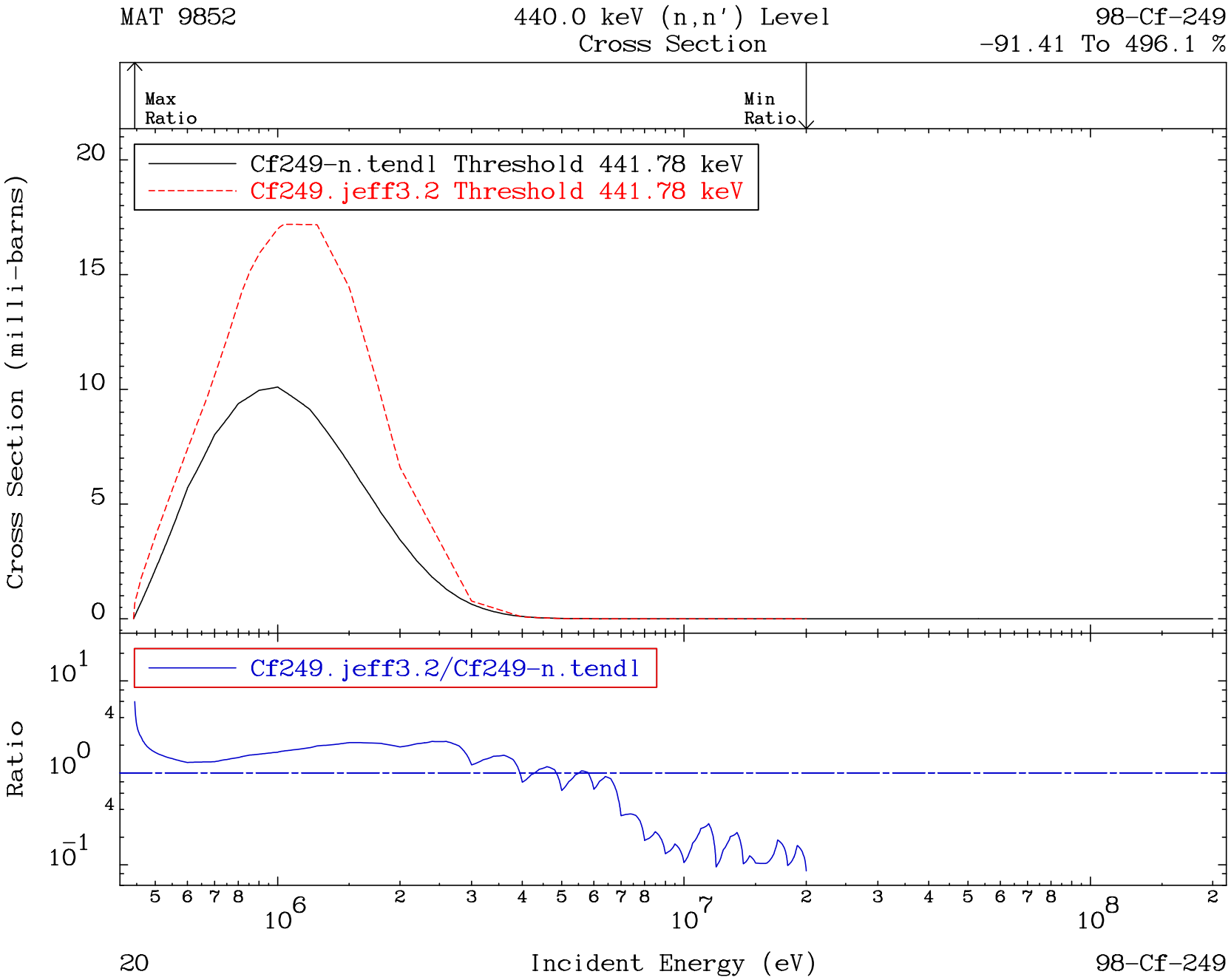

MAT 9852
379.5 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 134.5 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 381.08 keV
Cf249.jeff3.2 Threshold 381.08 keV
Cross Section (milli-barns)
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
15
Incident Energy (eV)
98-Cf-249

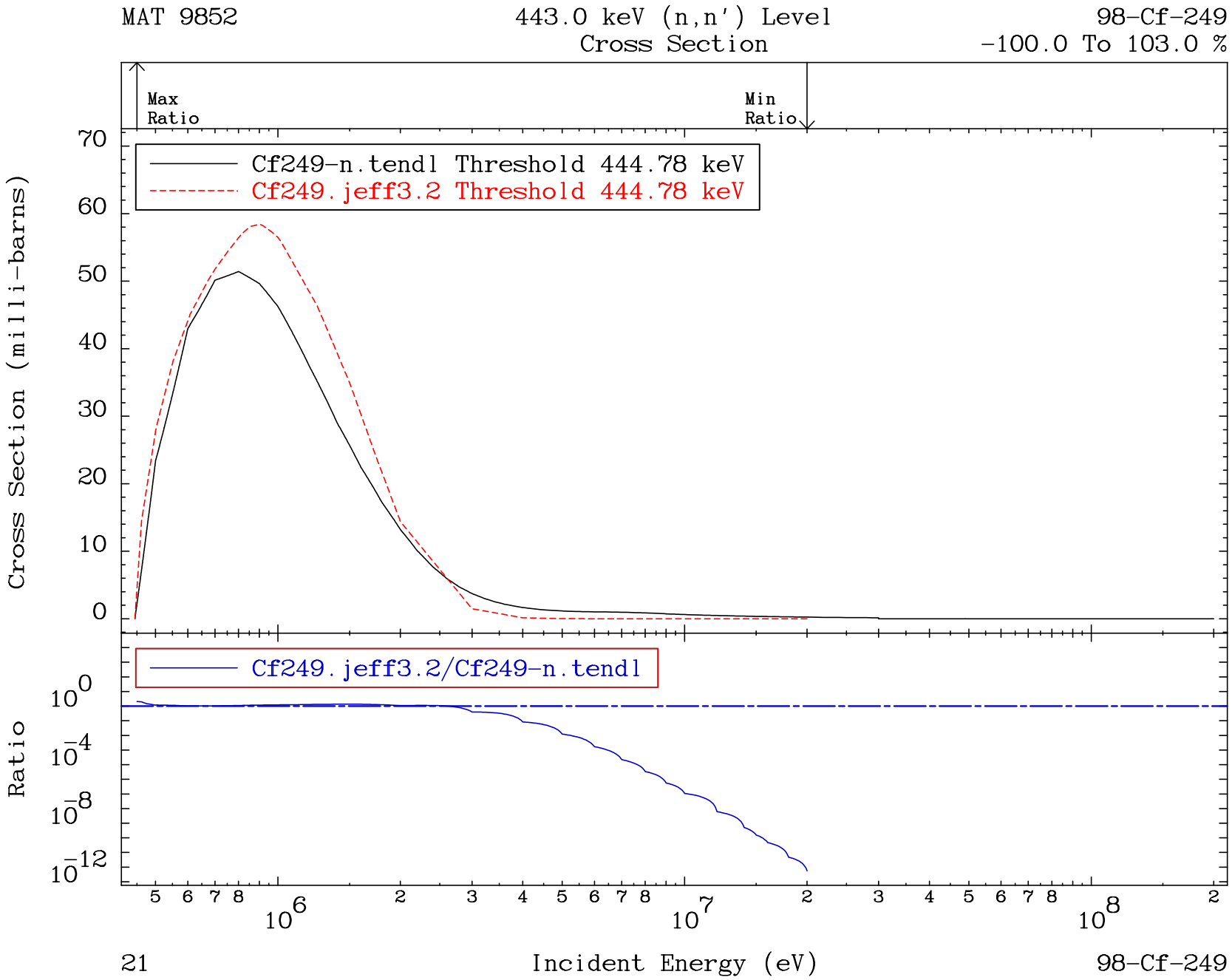

MAT 9852
384.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 120.1 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 385.56 keV
Cf249.jeff3.2 Threshold 385.56 keV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
16
Incident Energy (eV)
98-Cf-249

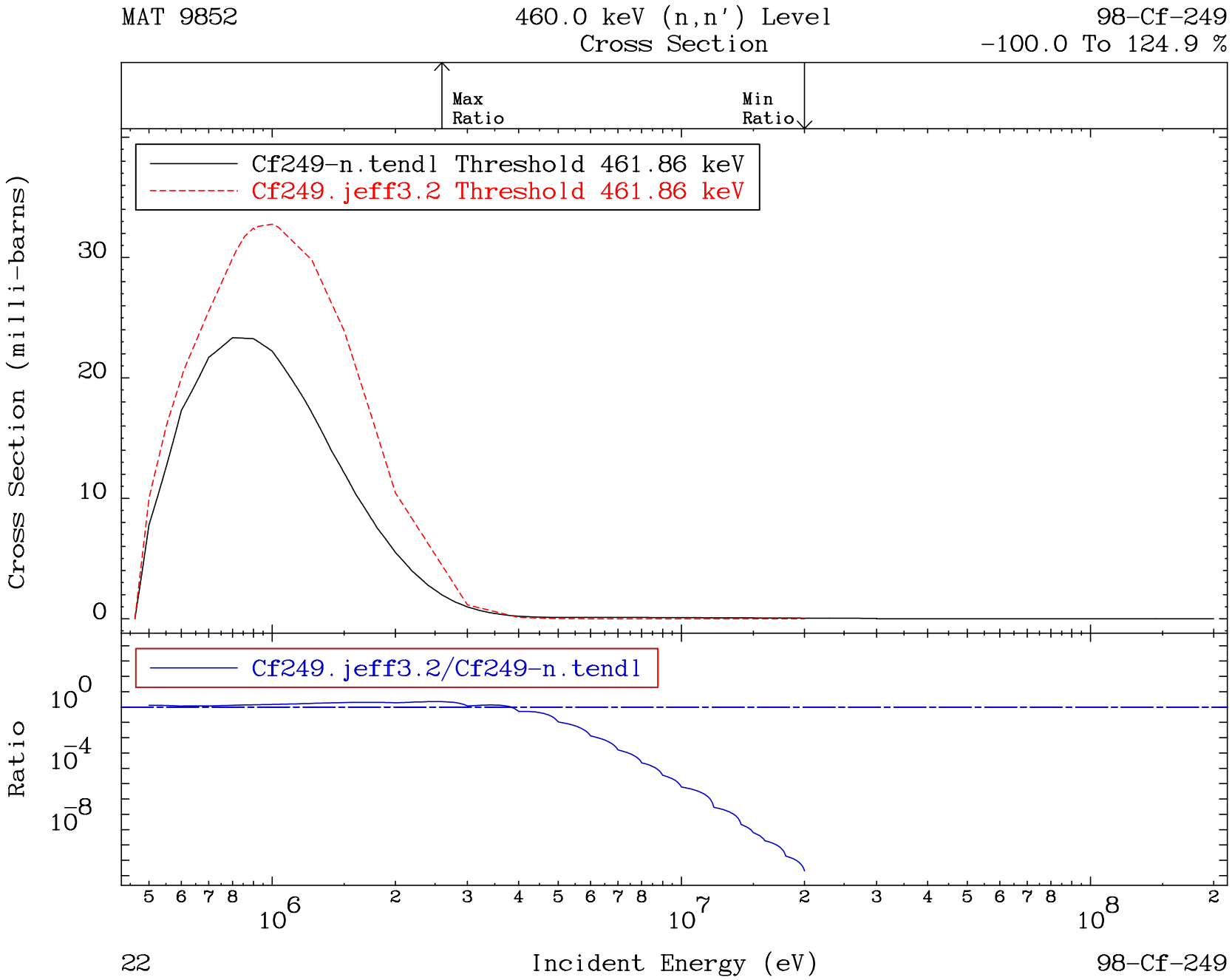

MAT 9852
416.8 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 353.4 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 418.49 keV
Cf249.jeff3.2 Threshold 418.49 keV
Cross Section (milli-barns)
0
2
4
6
8
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
17
Incident Energy (eV)
98-Cf-249

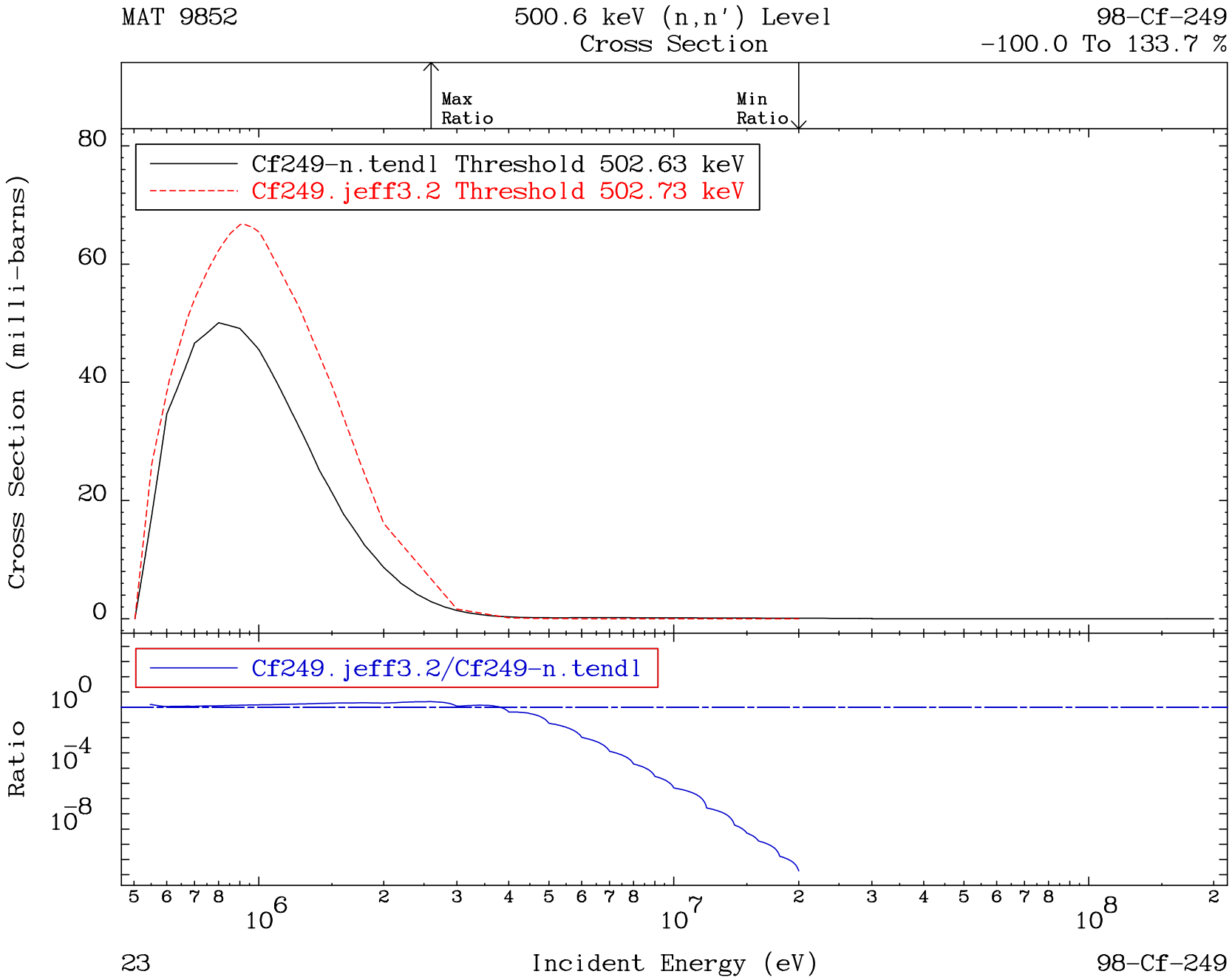

MAT 9852
425.7 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 544.1 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 427.42 keV
Cf249.jeff3.2 Threshold 426.72 keV
Cross Section (milli-barns)
20
15
10
5
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^-12
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
18
Incident Energy (eV)
98-Cf-249

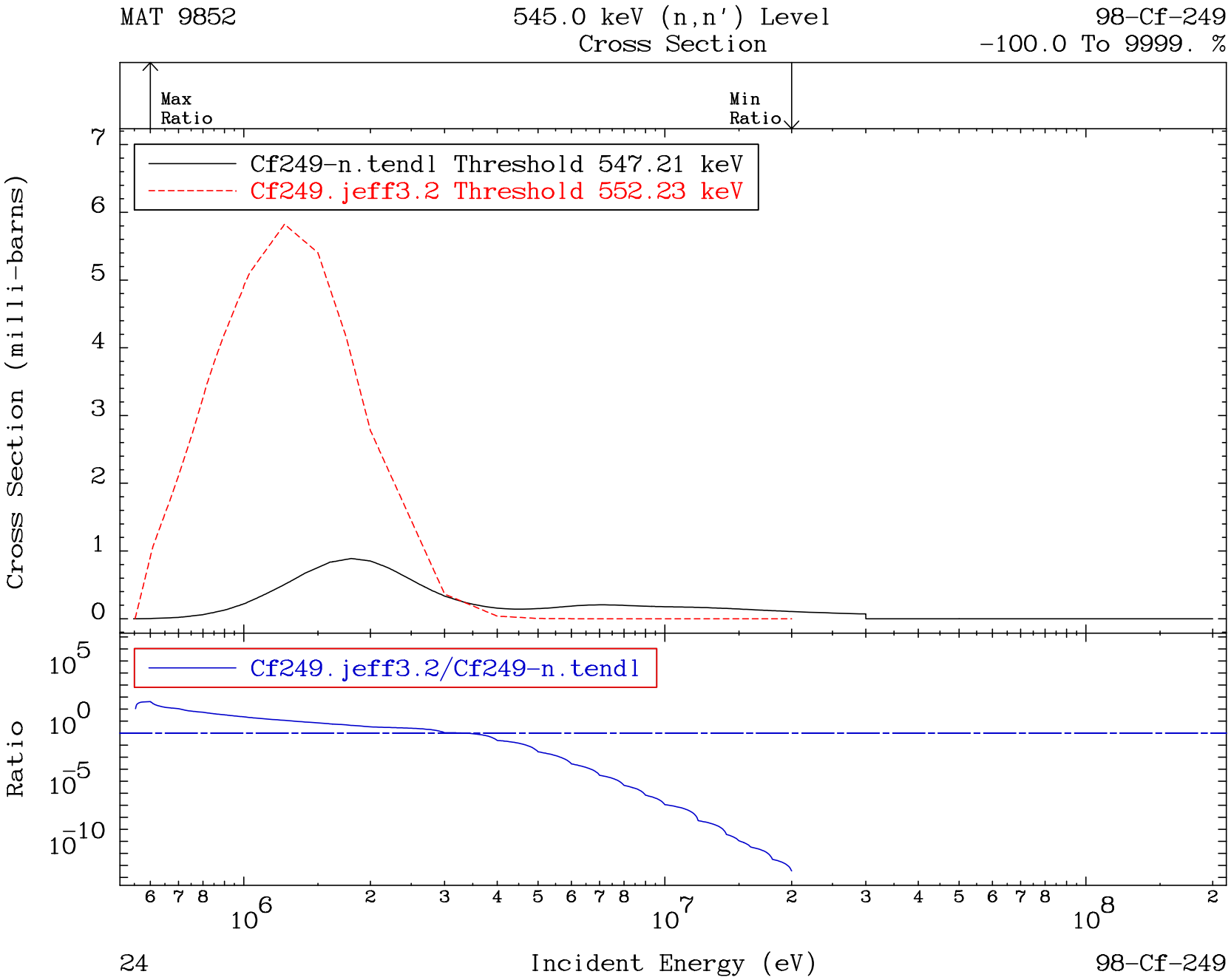

MAT 9852
437.6 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 358.9 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 439.33 keV
Cf249.jeff3.2 Threshold 439.33 keV
Cross Section (milli-barns)
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
19
Incident Energy (eV)
98-Cf-249

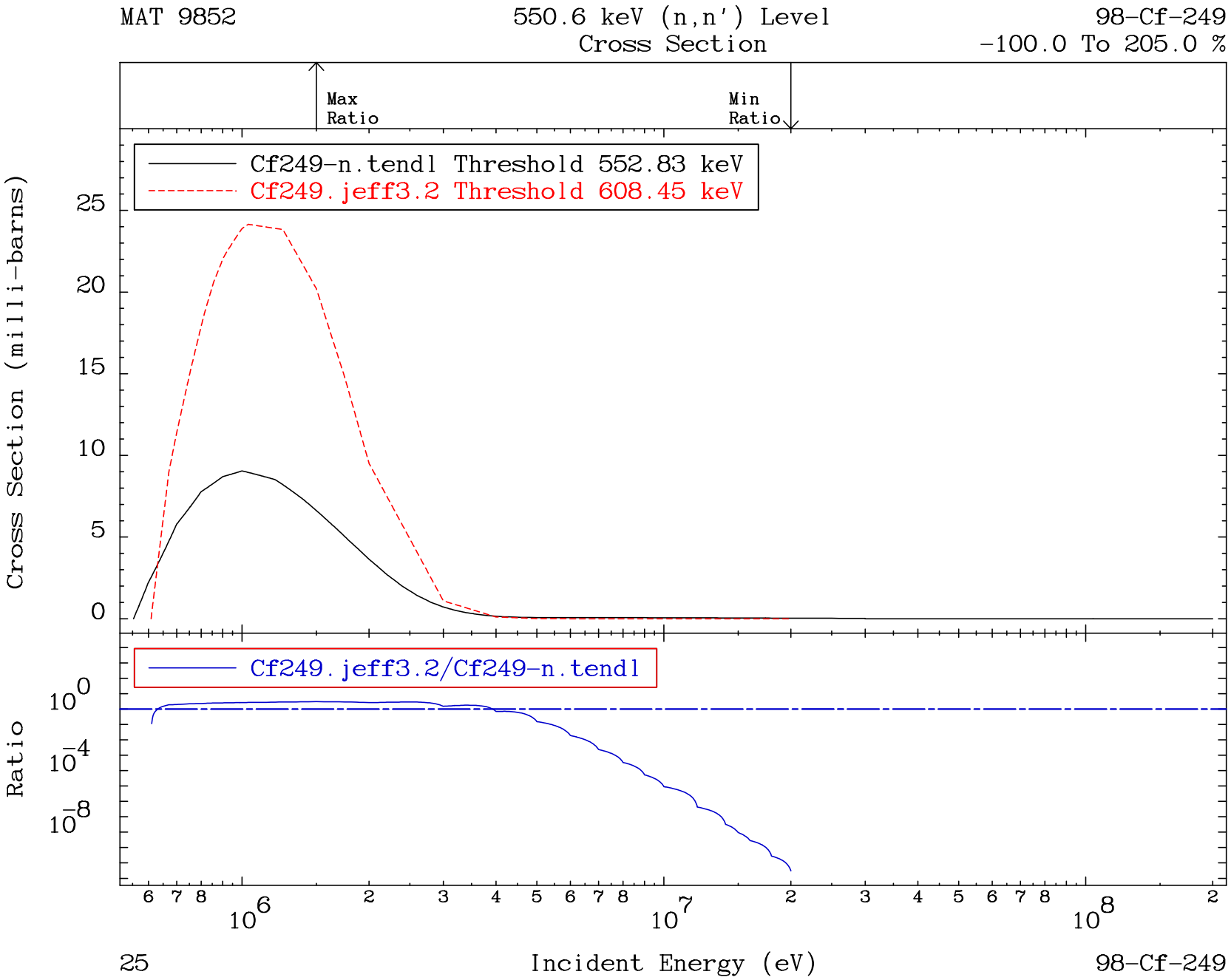

MAT 9852
440.0 keV (n,n') Level
Cross Section
98-Cf-249
-91.41 To 496.1 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 441.78 keV
Cf249.jeff3.2 Threshold 441.78 keV
Cross Section (milli-barns)
20
15
10
5
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^1
10^0
10^-1
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
20
Incident Energy (eV)
98-Cf-249

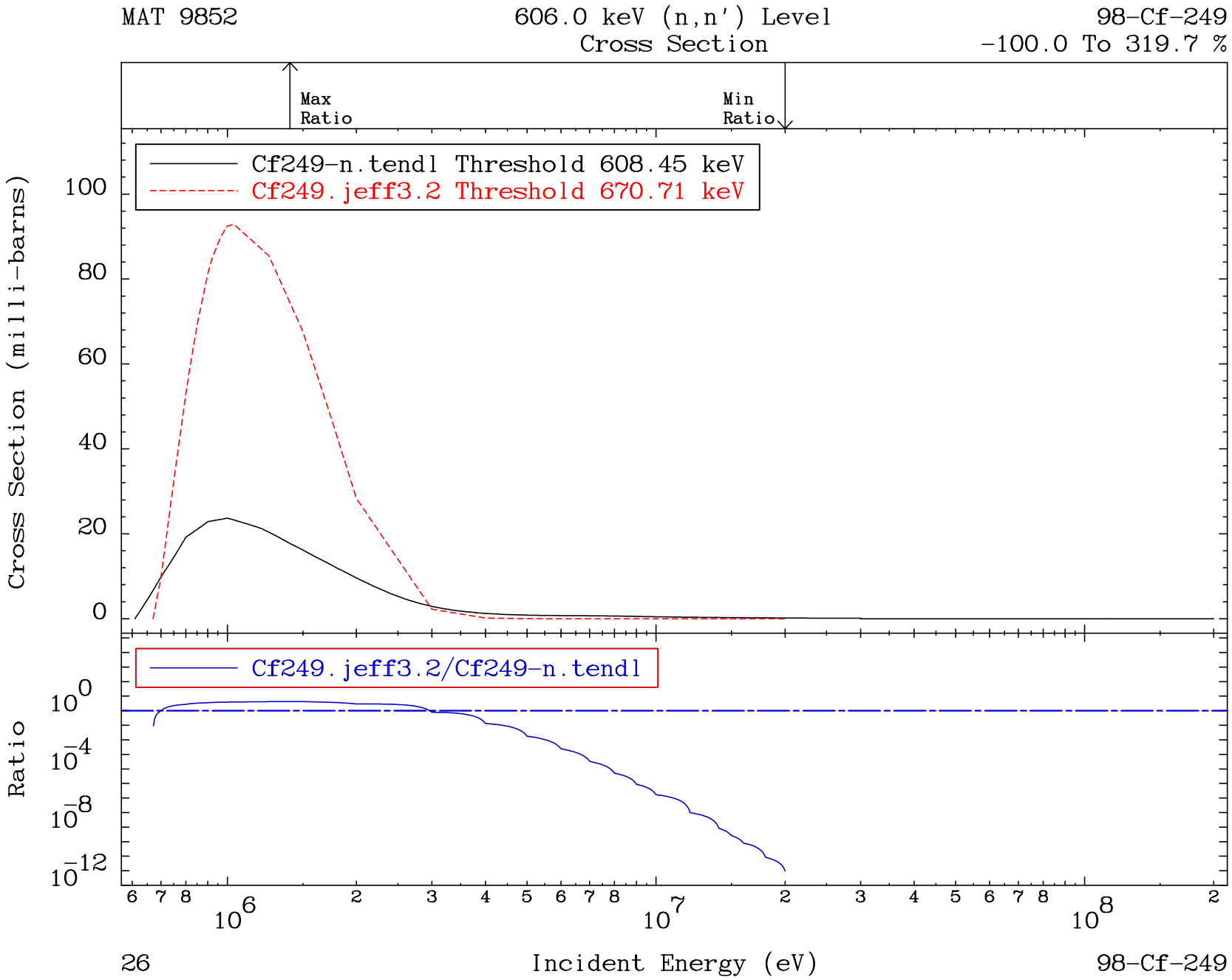

MAT 9852
443.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 103.0 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 444.78 keV
Cf249.jeff3.2 Threshold 444.78 keV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^-12
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
21
Incident Energy (eV)
98-Cf-249

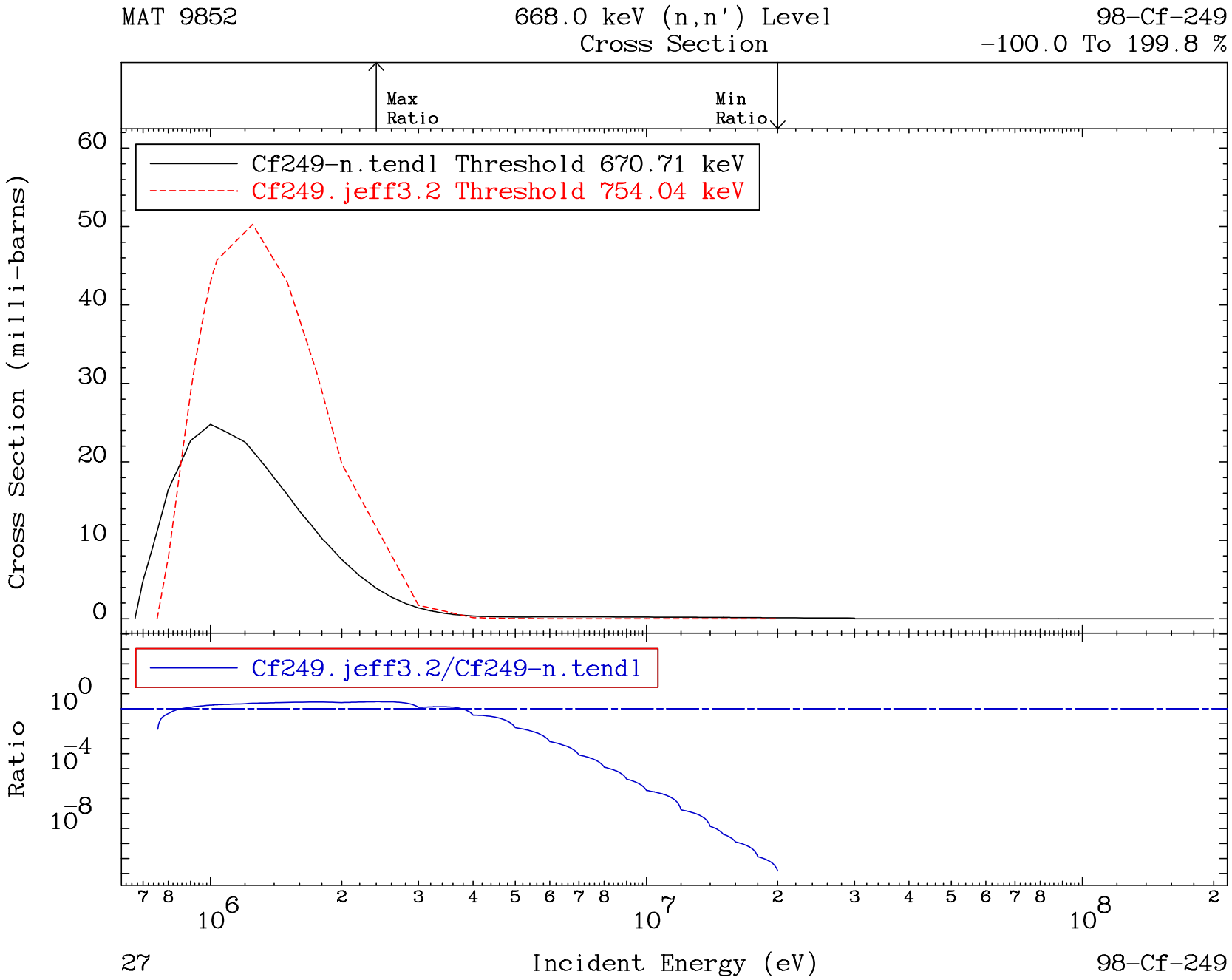

MAT 9852
460.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 124.9 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 461.86 keV
Cf249.jeff3.2 Threshold 461.86 keV
Cross Section (milli-barns)
30
20
10
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
98-Cf-249

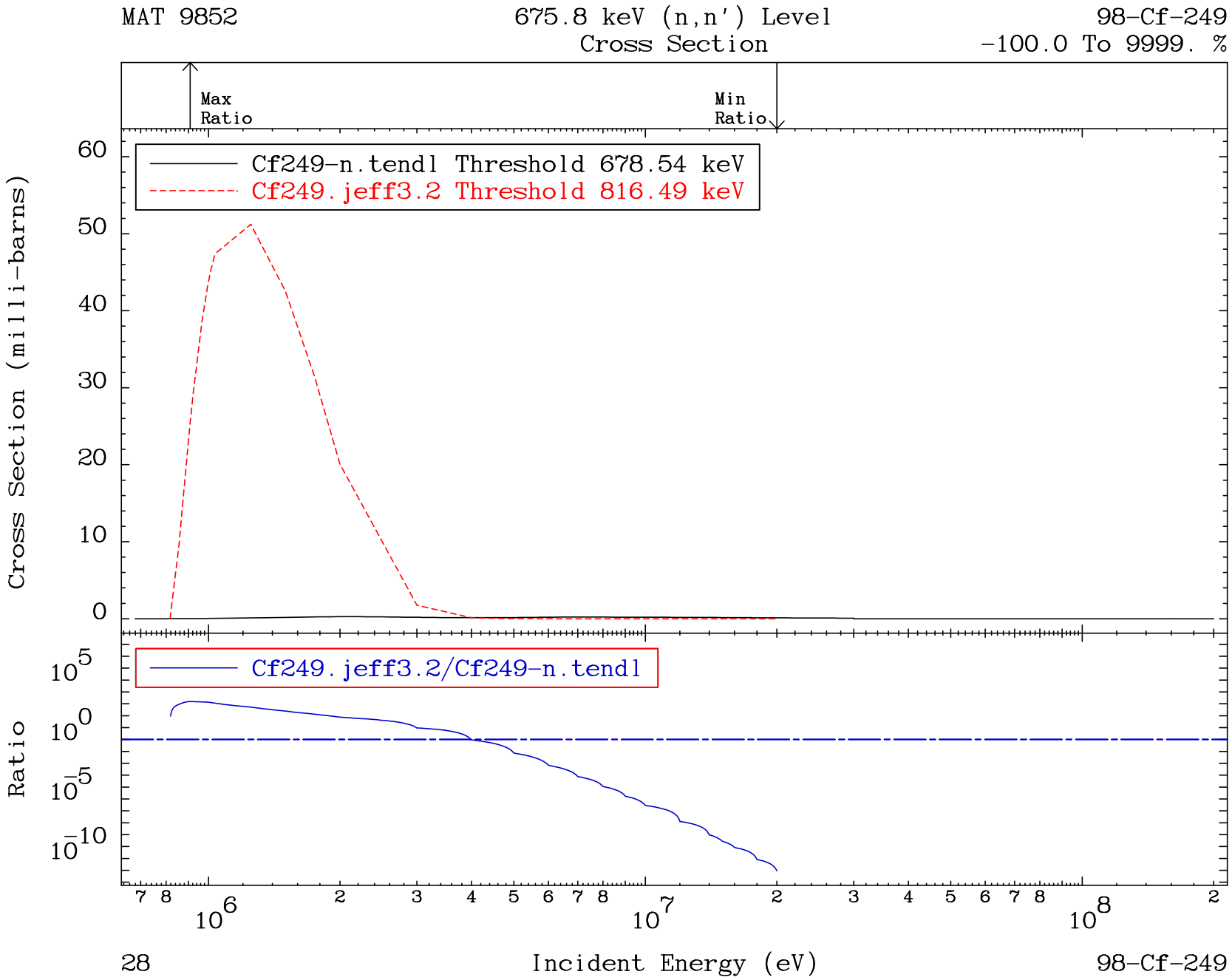

MAT 9852
500.6 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 133.7 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 502.63 keV
Cf249.jeff3.2 Threshold 502.73 keV
Cross Section (milli-barns)
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
98-Cf-249

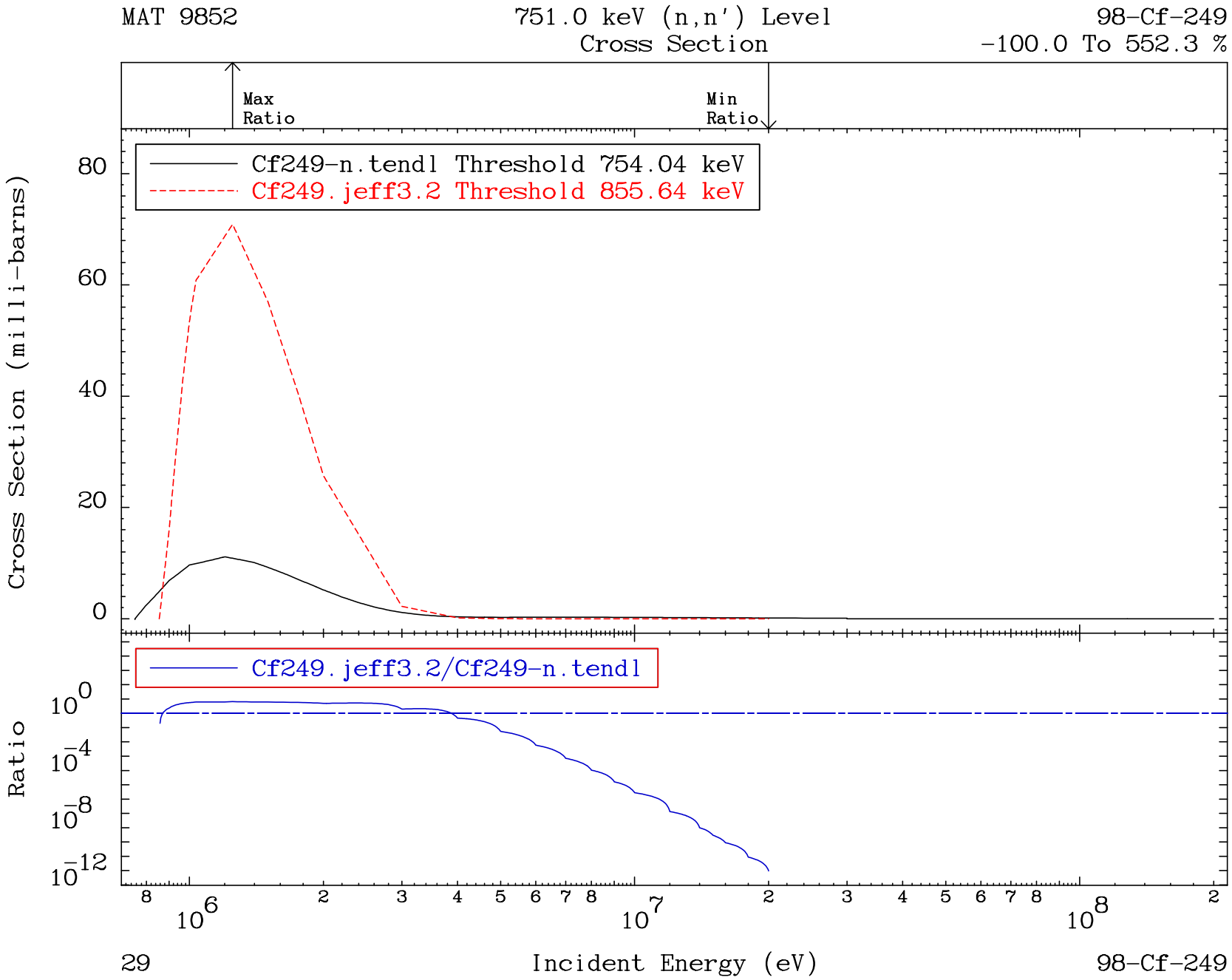

MAT 9852
545.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 9999. %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 547.21 keV
Cf249.jeff3.2 Threshold 552.23 keV
Cross Section (milli-barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
24
98-Cf-249

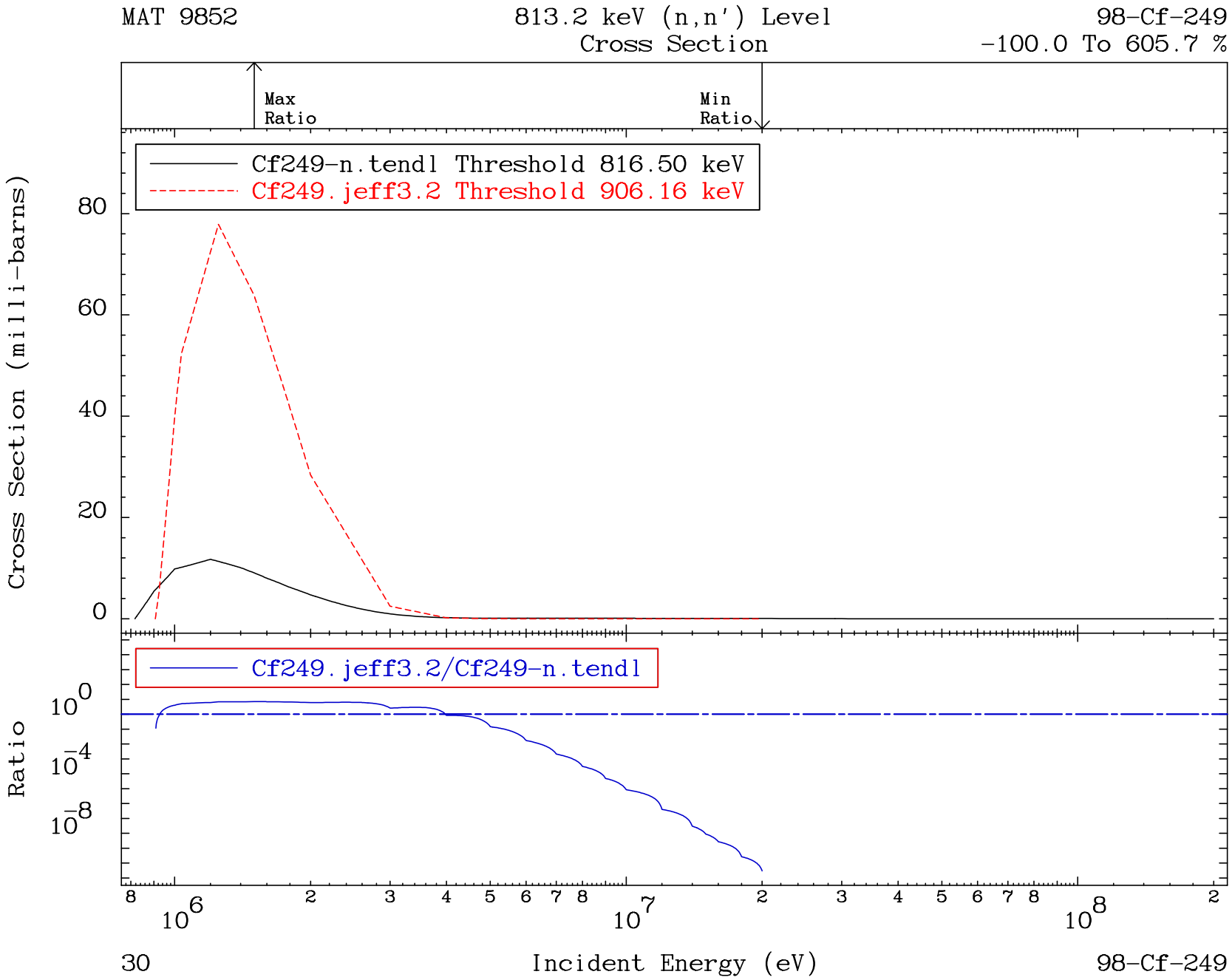

MAT 9852
550.6 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 205.0 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 552.83 keV
Cf249.jeff3.2 Threshold 608.45 keV
Cross Section (milli-barns)
25
20
15
10
5
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
6 7 8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
25
Incident Energy (eV)
98-Cf-249

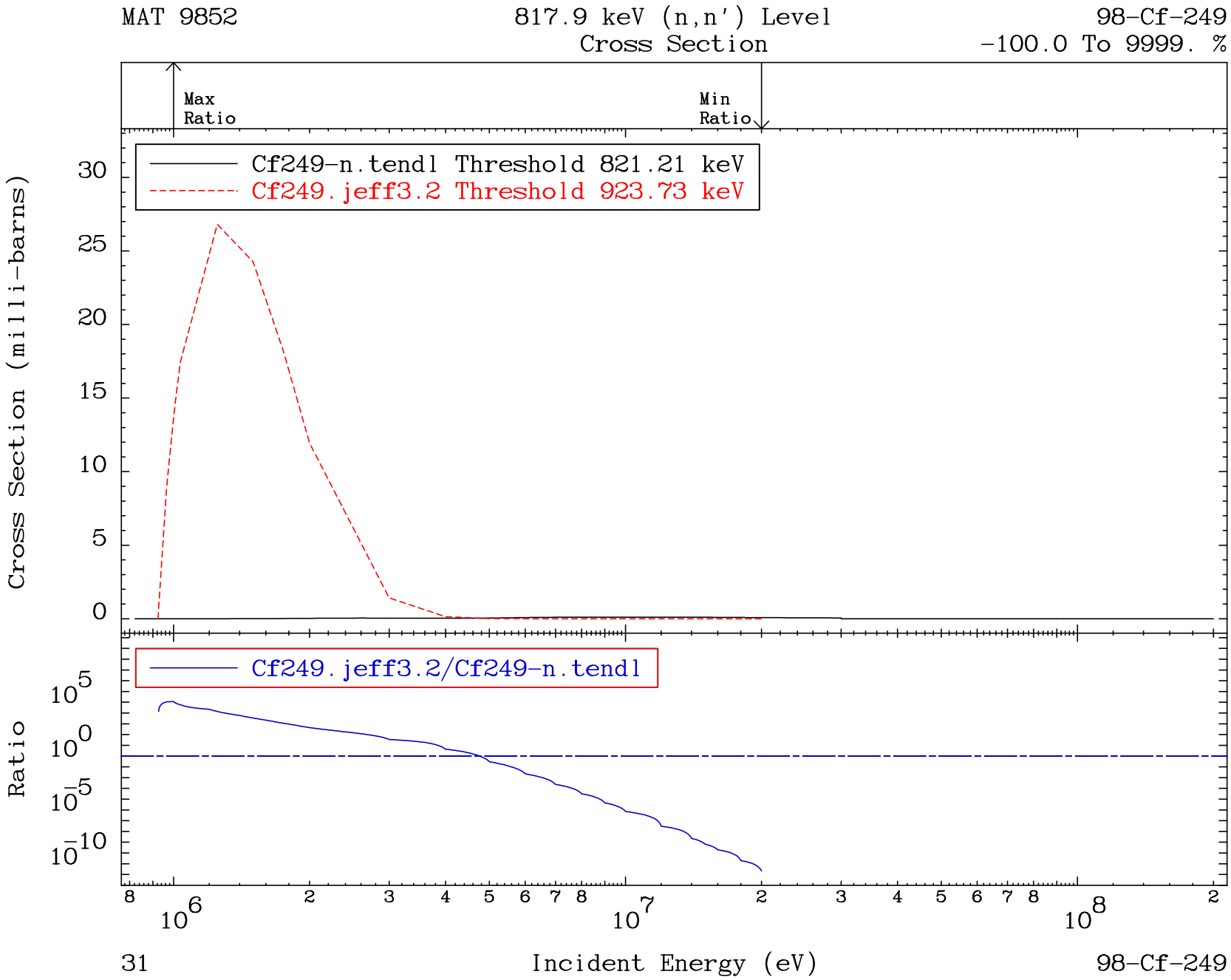

MAT 9852
606.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 319.7 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 608.45 keV
Cf249.jeff3.2 Threshold 670.71 keV
Cross Section (milli-barns)
100
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^-12
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
26
Incident Energy (eV)
98-Cf-249

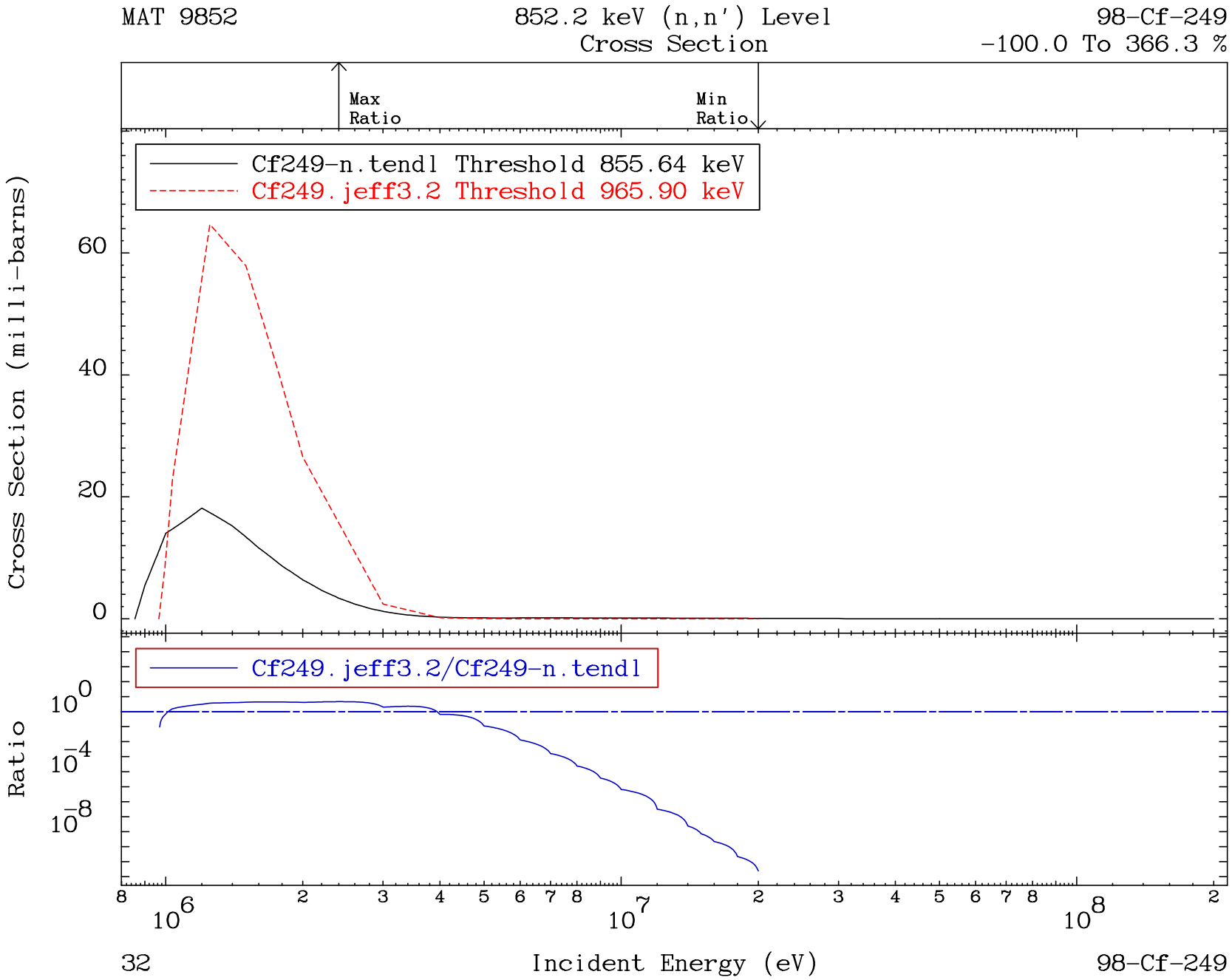

MAT 9852
668.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 199.8 %
Max Ratio
Min Ratio
Cf249-n.tendl Threshold 670.71 keV
Cf249.jeff3.2 Threshold 754.04 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
27
Incident Energy (eV)
98-Cf-249

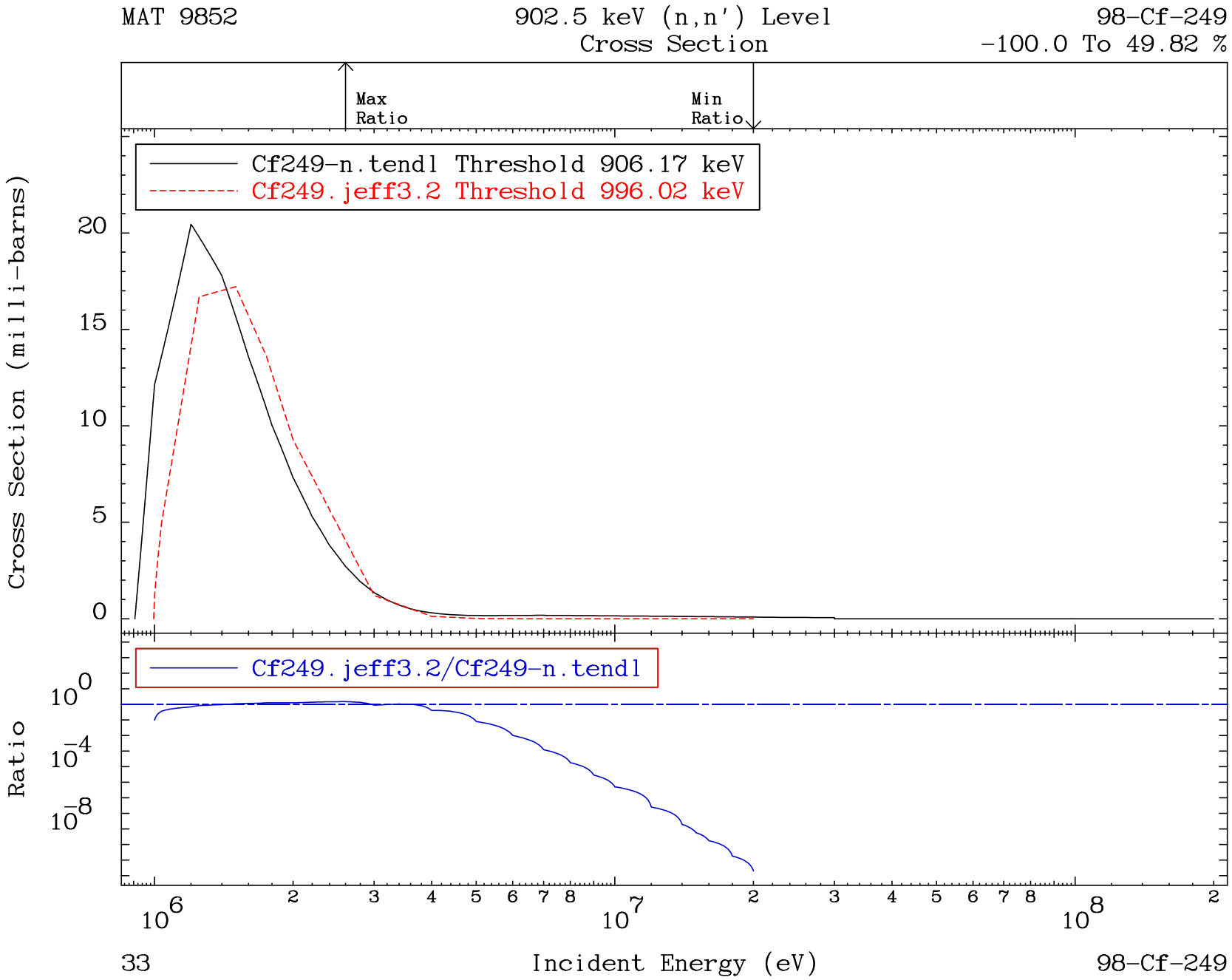

MAT 9852
675.8 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 9999. %
Max Ratio
Min Ratio
Cf249-n.tendl Threshold 678.54 keV
Cf249.jeff3.2 Threshold 816.49 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^5
10^0
10^-5
10^-10
7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
28
Incident Energy (eV)
98-Cf-249

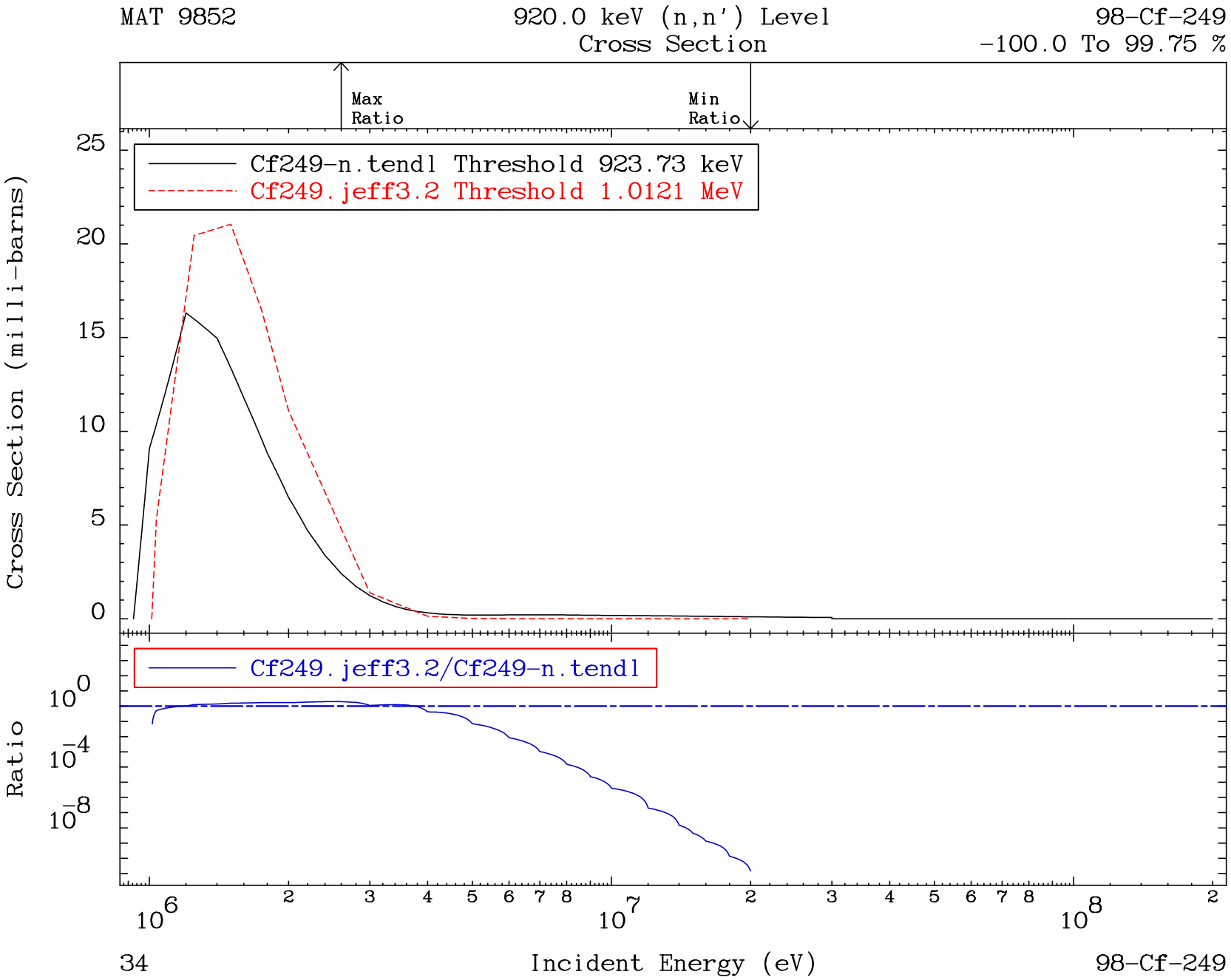

MAT 9852
751.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 552.3 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 754.04 keV
Cf249.jeff3.2 Threshold 855.64 keV
Cross Section (milli-barns)
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^-12
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
29
Incident Energy (eV)
98-Cf-249

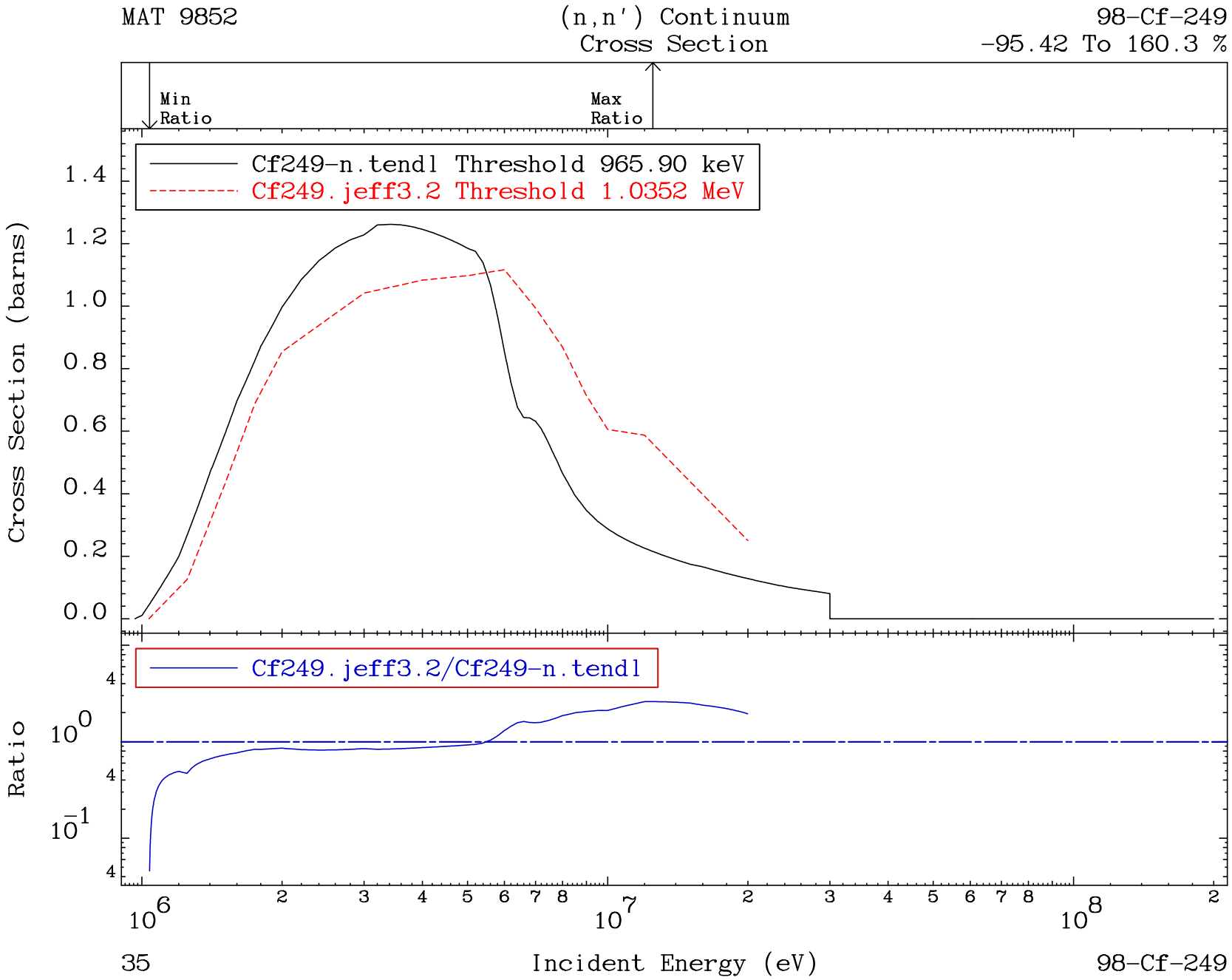

MAT 9852
813.2 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 605.7 %
Max Ratio
Min Ratio
Cf249-n.tendl Threshold 816.50 keV
Cf249.jeff3.2 Threshold 906.16 keV
Cross Section (milli-barns)
80
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
30
Incident Energy (eV)
98-Cf-249

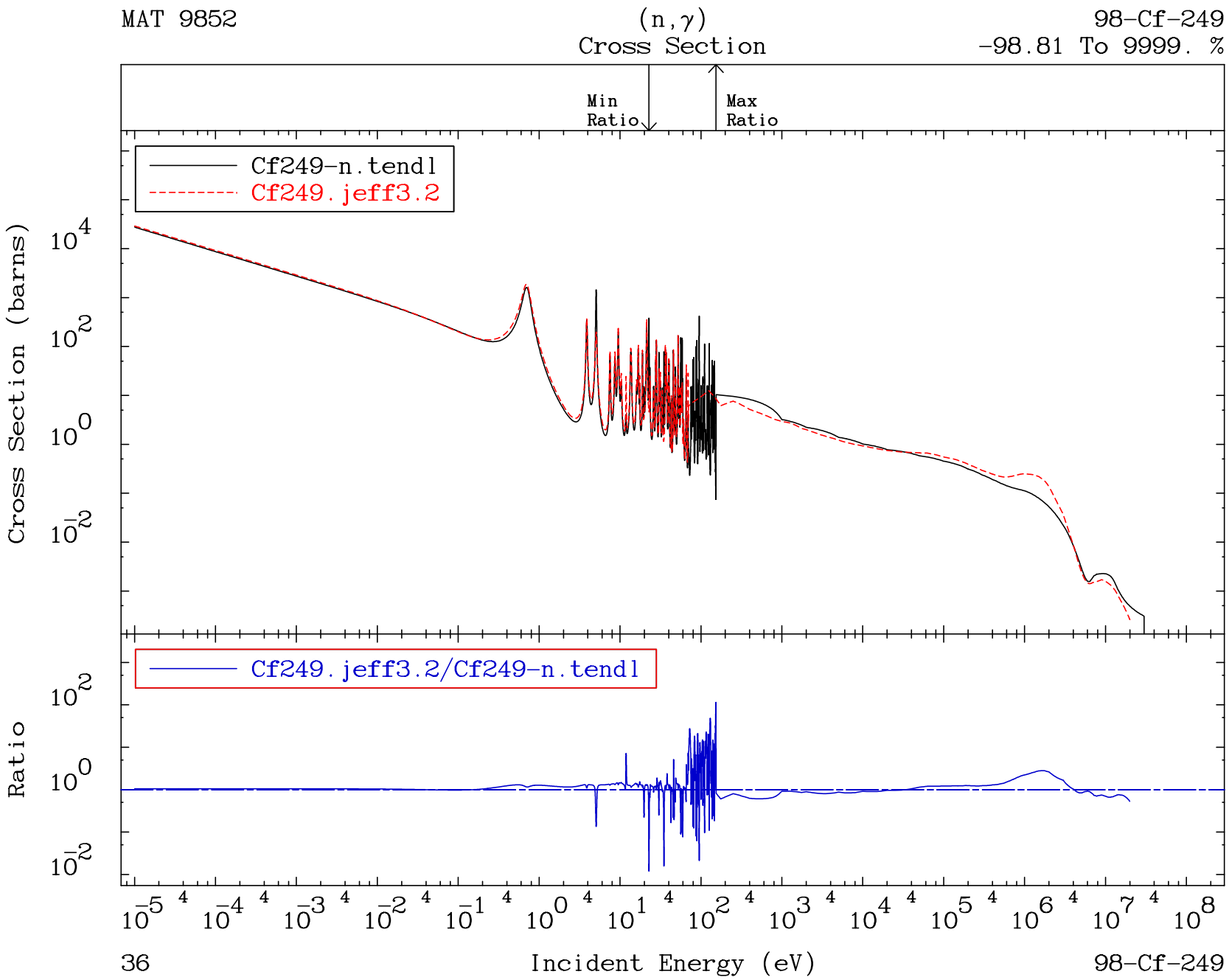

MAT 9852
817.9 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 9999. %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 821.21 keV
Cf249.jeff3.2 Threshold 923.73 keV
Cross Section (milli-barns)
30
25
20
15
10
5
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^5
10^0
10^-5
10^-10
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
31
Incident Energy (eV)
98-Cf-249

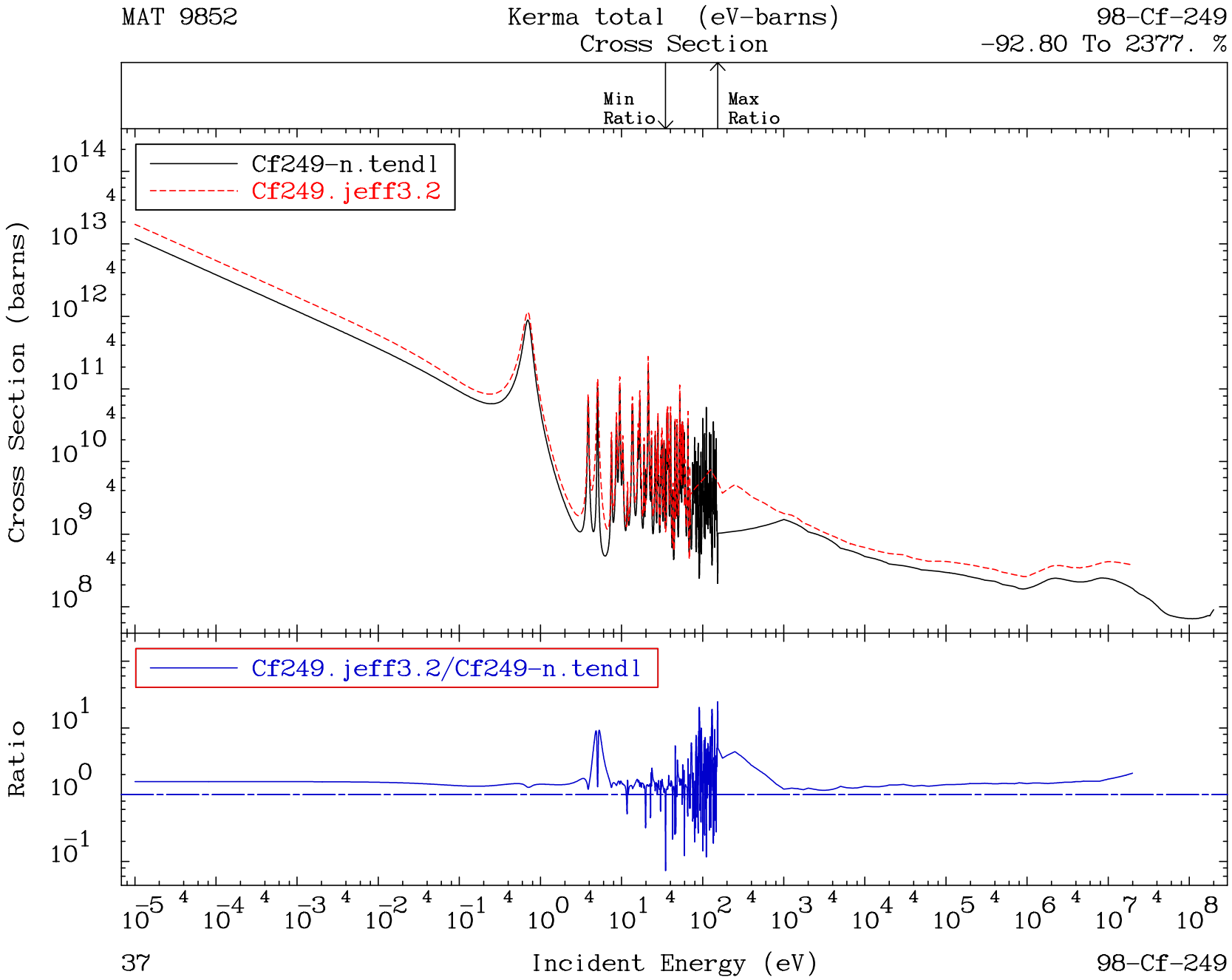

MAT 9852
852.2 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 366.3 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 855.64 keV
Cf249.jeff3.2 Threshold 965.90 keV
Cross Section (milli-barns)
60
40
20
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
32
Incident Energy (eV)
98-Cf-249

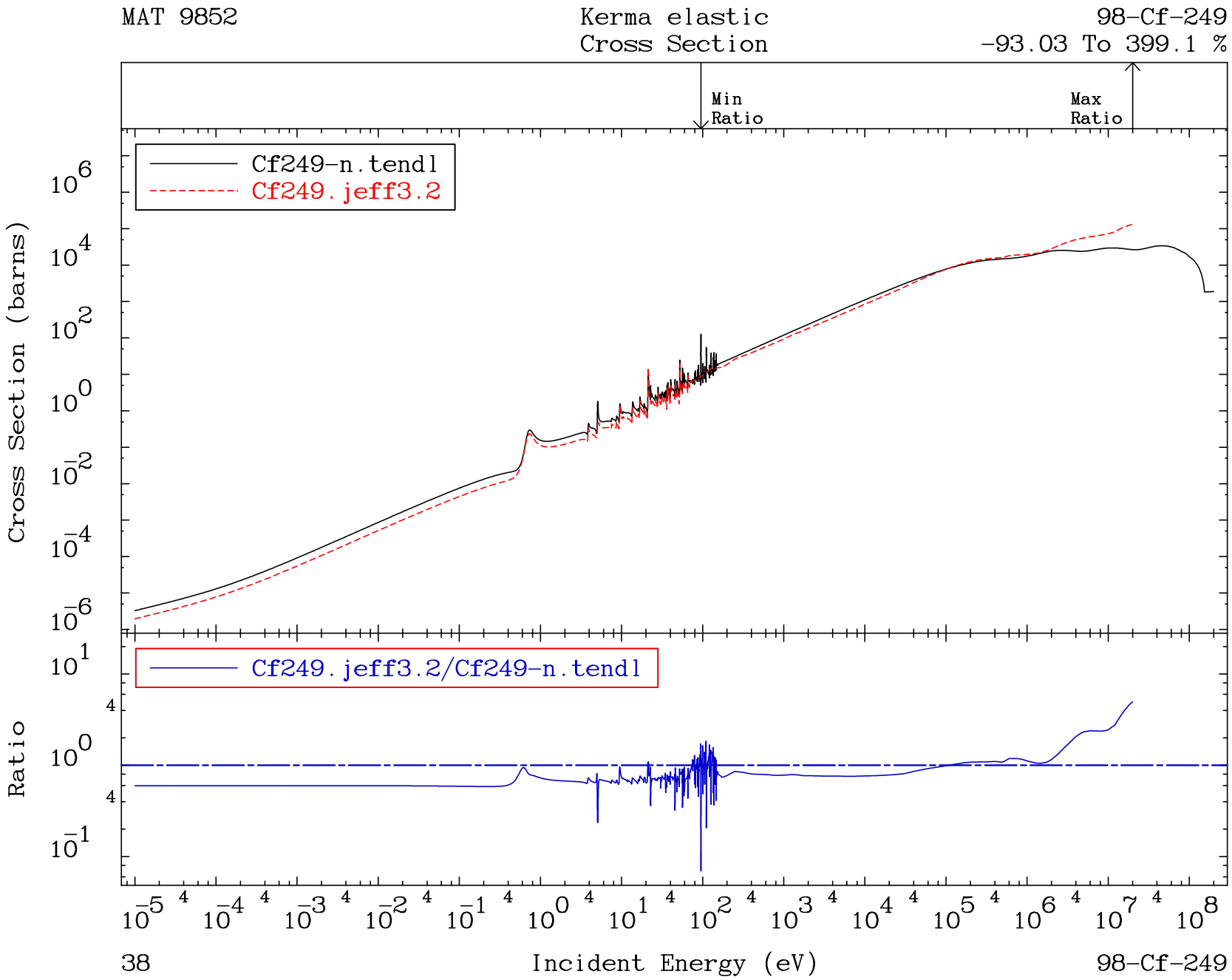

MAT 9852
902.5 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 49.82 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 906.17 keV
Cf249.jeff3.2 Threshold 996.02 keV
Cross Section (milli-barns)
20
15
10
5
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
33
Incident Energy (eV)
98-Cf-249

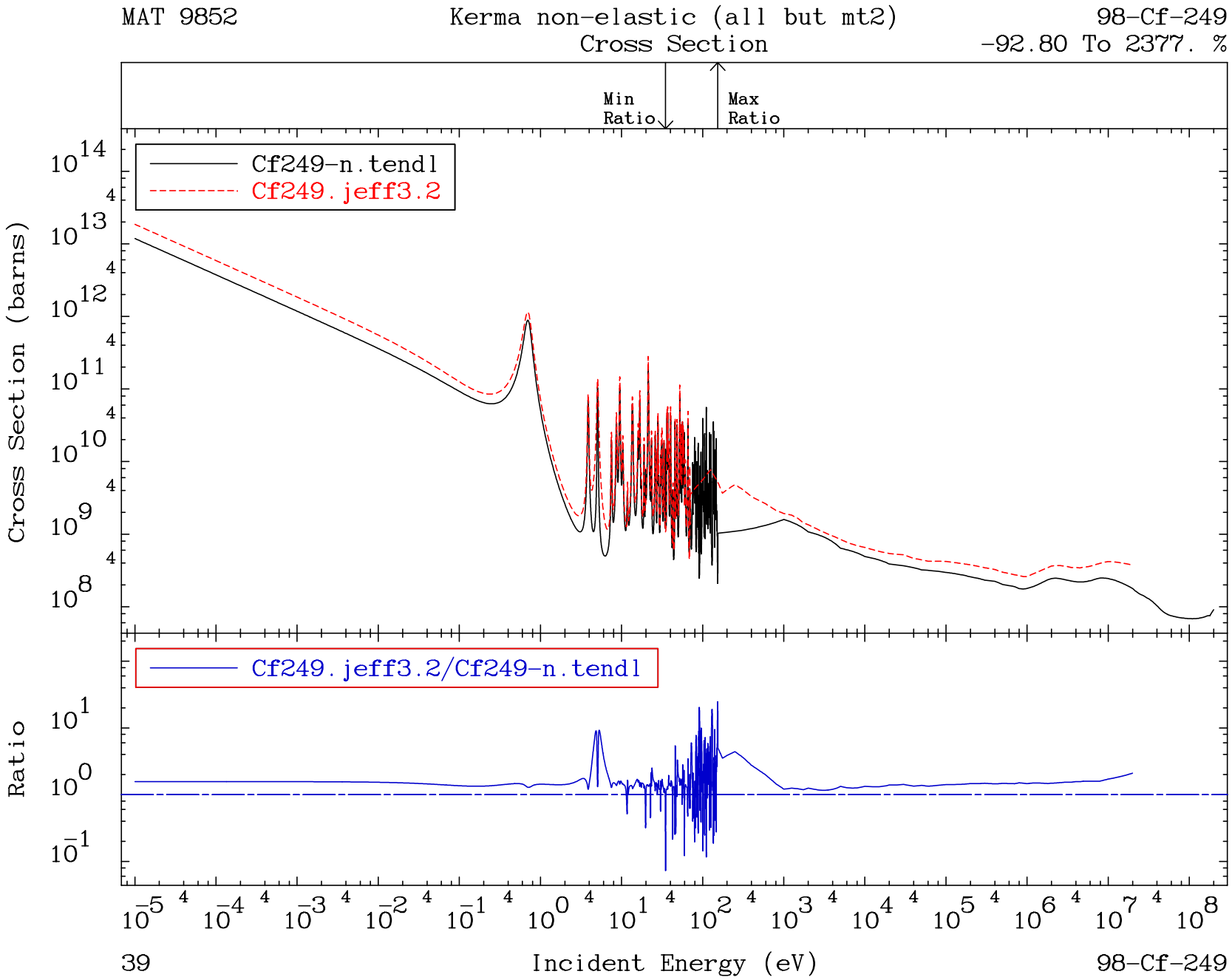

MAT 9852
920.0 keV (n,n') Level
Cross Section
98-Cf-249
-100.0 To 99.75 %
Max
Ratio
Min
Ratio
Cf249-n.tendl Threshold 923.73 keV
Cf249.jeff3.2 Threshold 1.0121 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^0
10^-4
10^-8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
34
Incident Energy (eV)
98-Cf-249

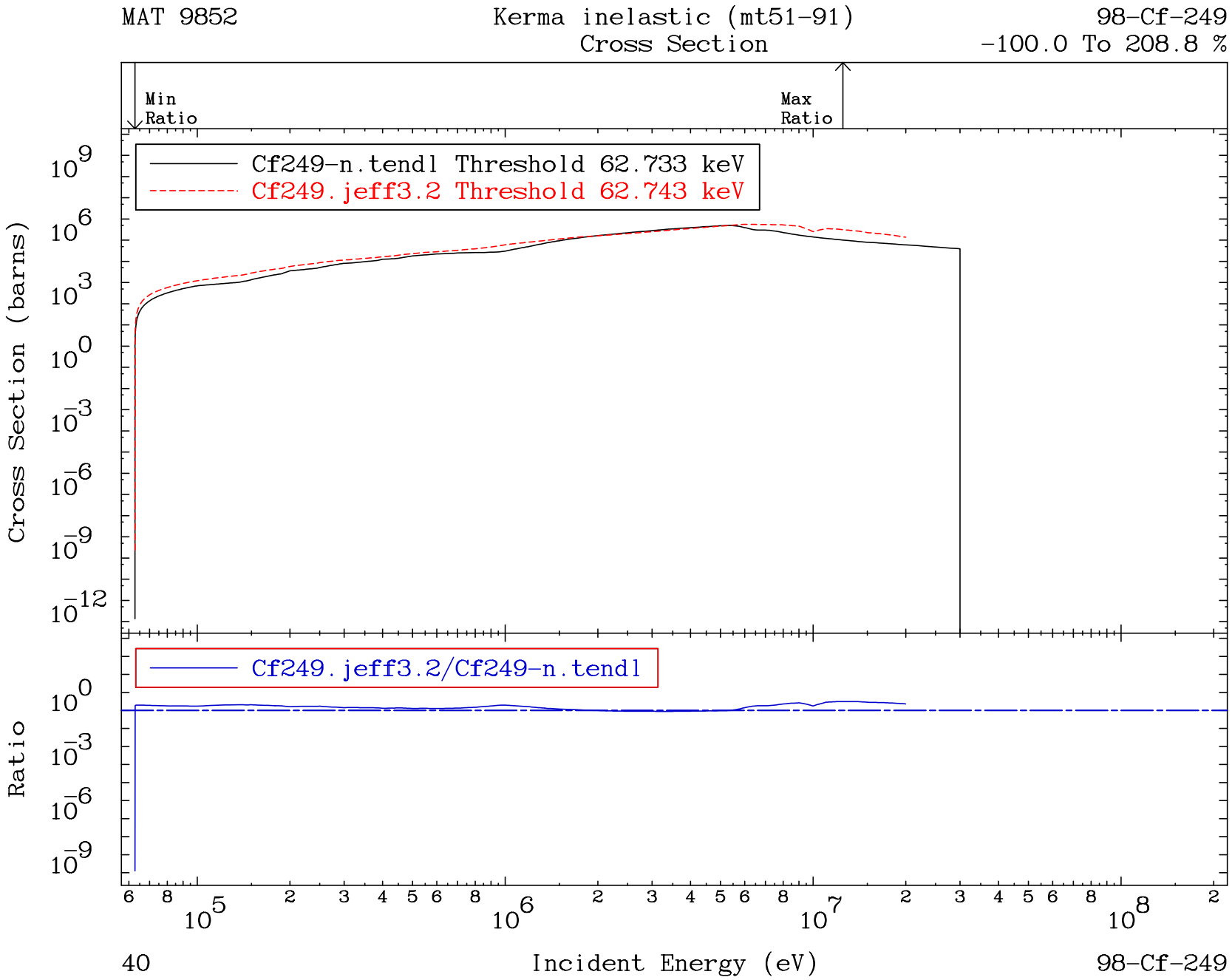

MAT 9852
(n,n') Continuum
Cross Section
98-Cf-249
-95.42 To 160.3 %
Min
Ratio
Max
Ratio
Cf249-n.tendl Threshold 965.90 keV
Cf249.jeff3.2 Threshold 1.0352 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Cf249.jeff3.2/Cf249-n.tendl
Ratio
4
10^0
4
10^-1
4
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
35
Incident Energy (eV)
98-Cf-249

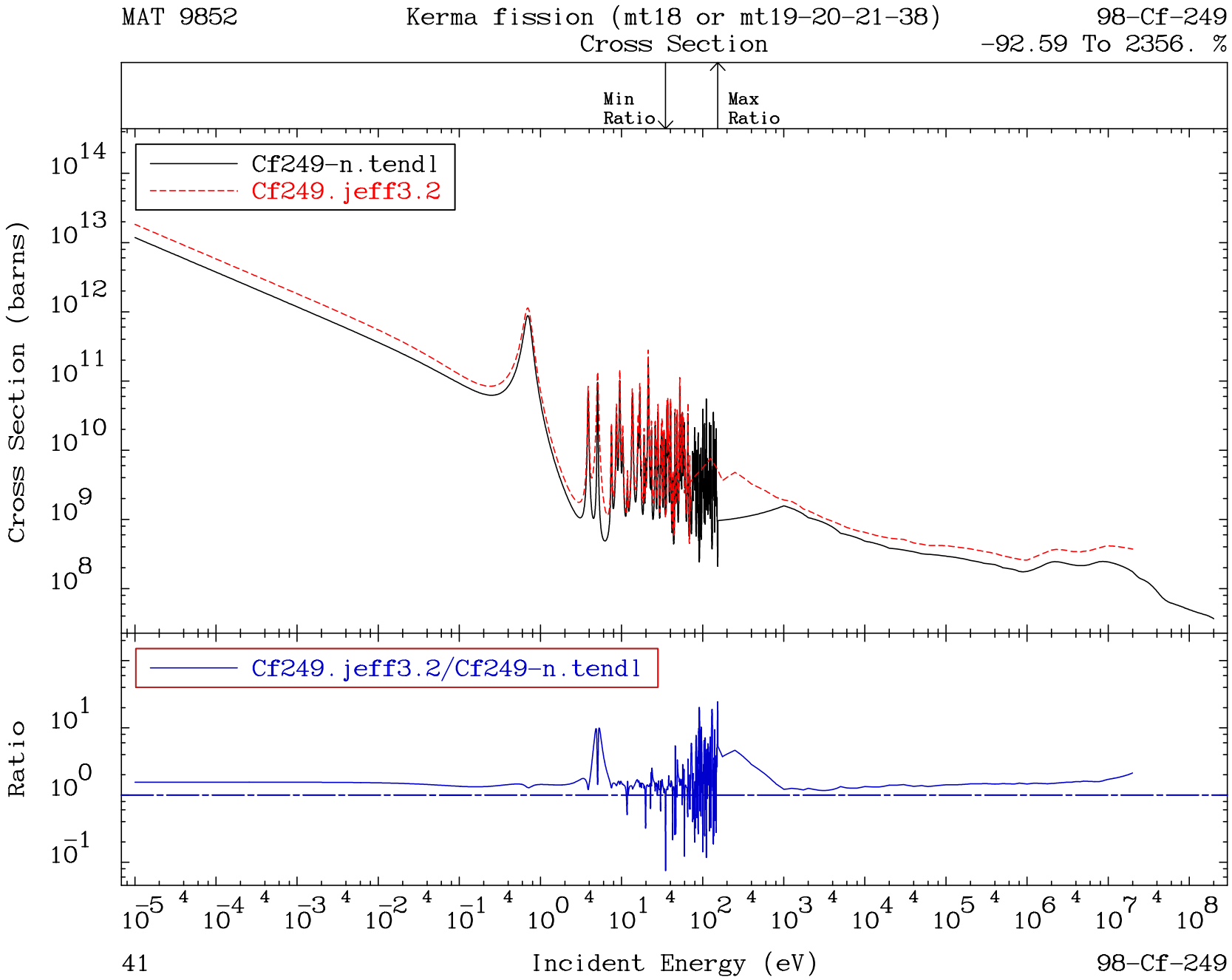

MAT 9852
(n,γ)
Cross Section
98-Cf-249
-98.81 To 9999. %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
36
98-Cf-249

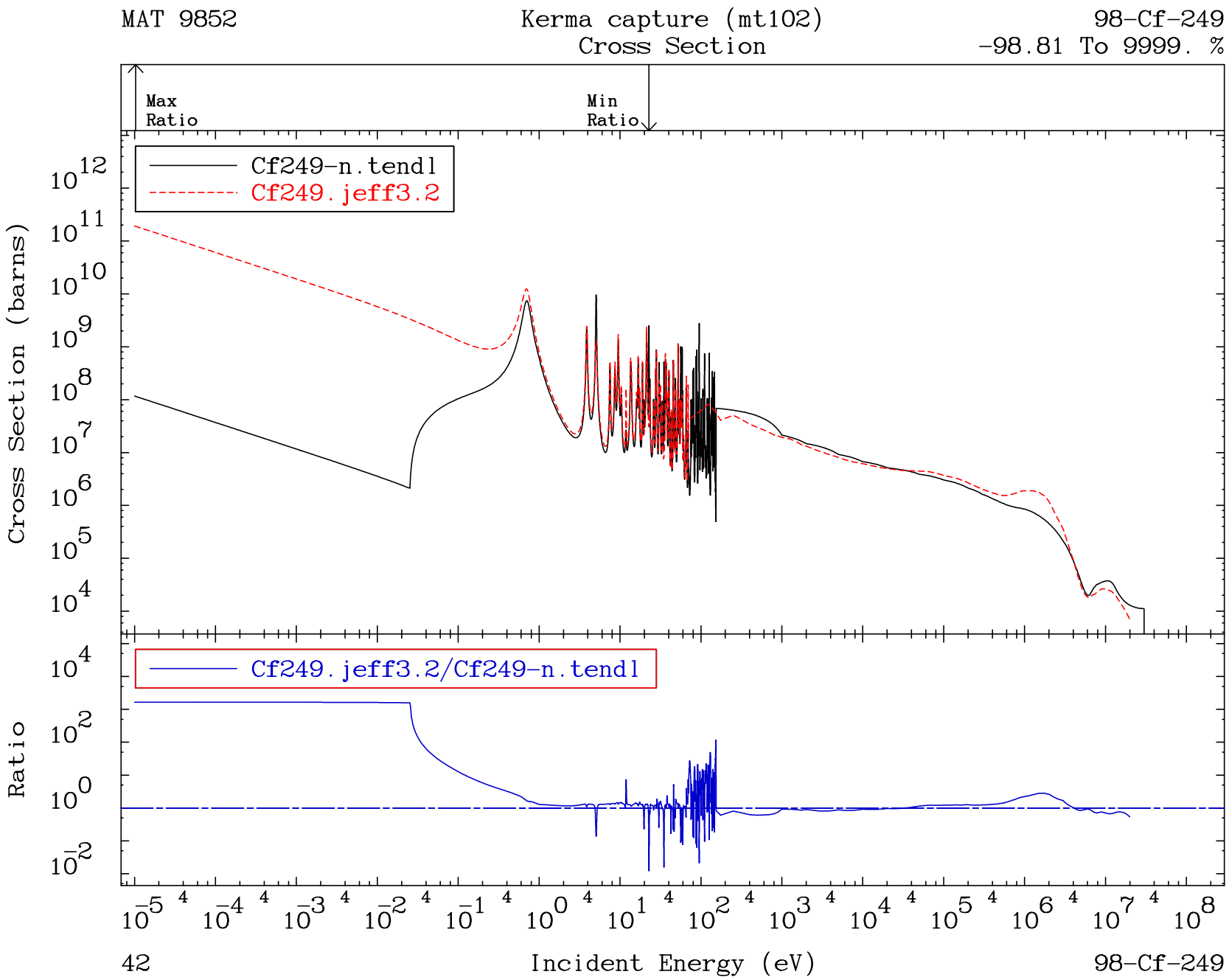

MAT 9852
Kerma total (eV-barns)
Cross Section
98-Cf-249
-92.80 To 2377. %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
37
98-Cf-249

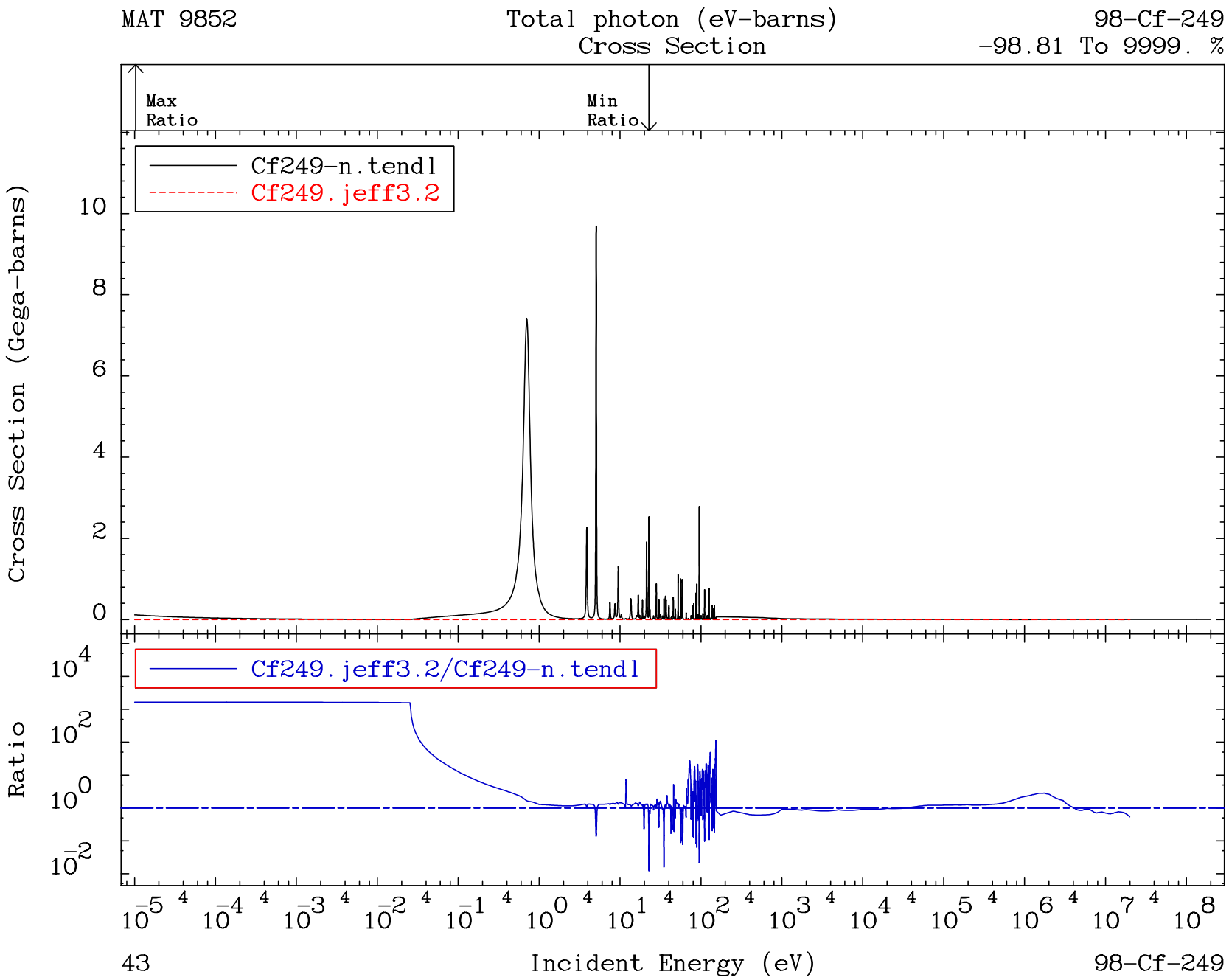

MAT 9852
Kerma elastic
Cross Section
98-Cf-249
-93.03 To 399.1 %
Min
Ratio
Max
Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
38
98-Cf-249

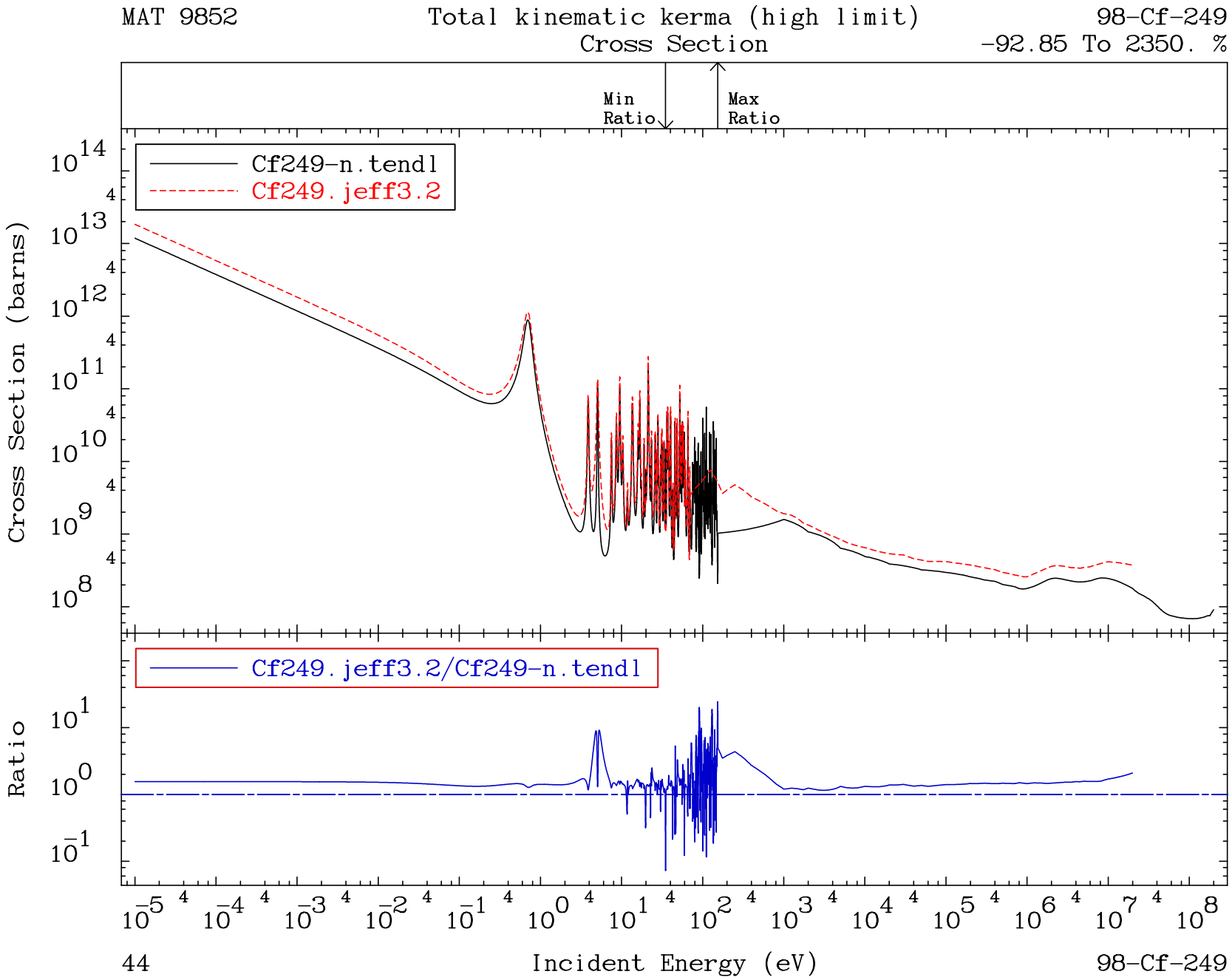

MAT 9852
Kerma non-elastic (all but mt2)
Cross Section
98-Cf-249
-92.80 To 2377. %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
39
98-Cf-249

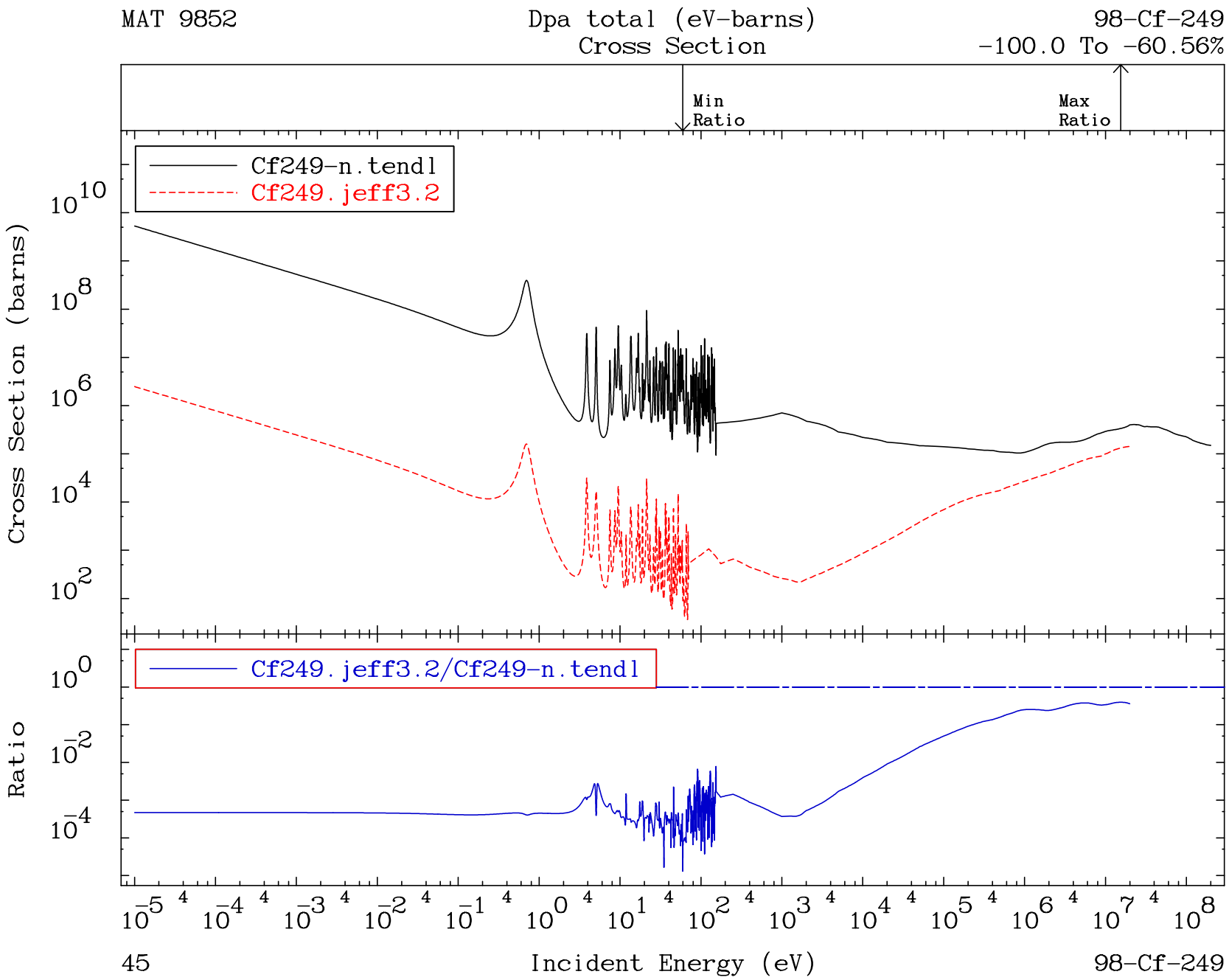

MAT 9852
Kerma inelastic (mt51-91)
Cross Section
98-Cf-249
-100.0 To 208.8 %
Min Ratio
Max Ratio
Cf249-n.tendl Threshold 62.733 keV
Cf249.jeff3.2 Threshold 62.743 keV
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
40
98-Cf-249

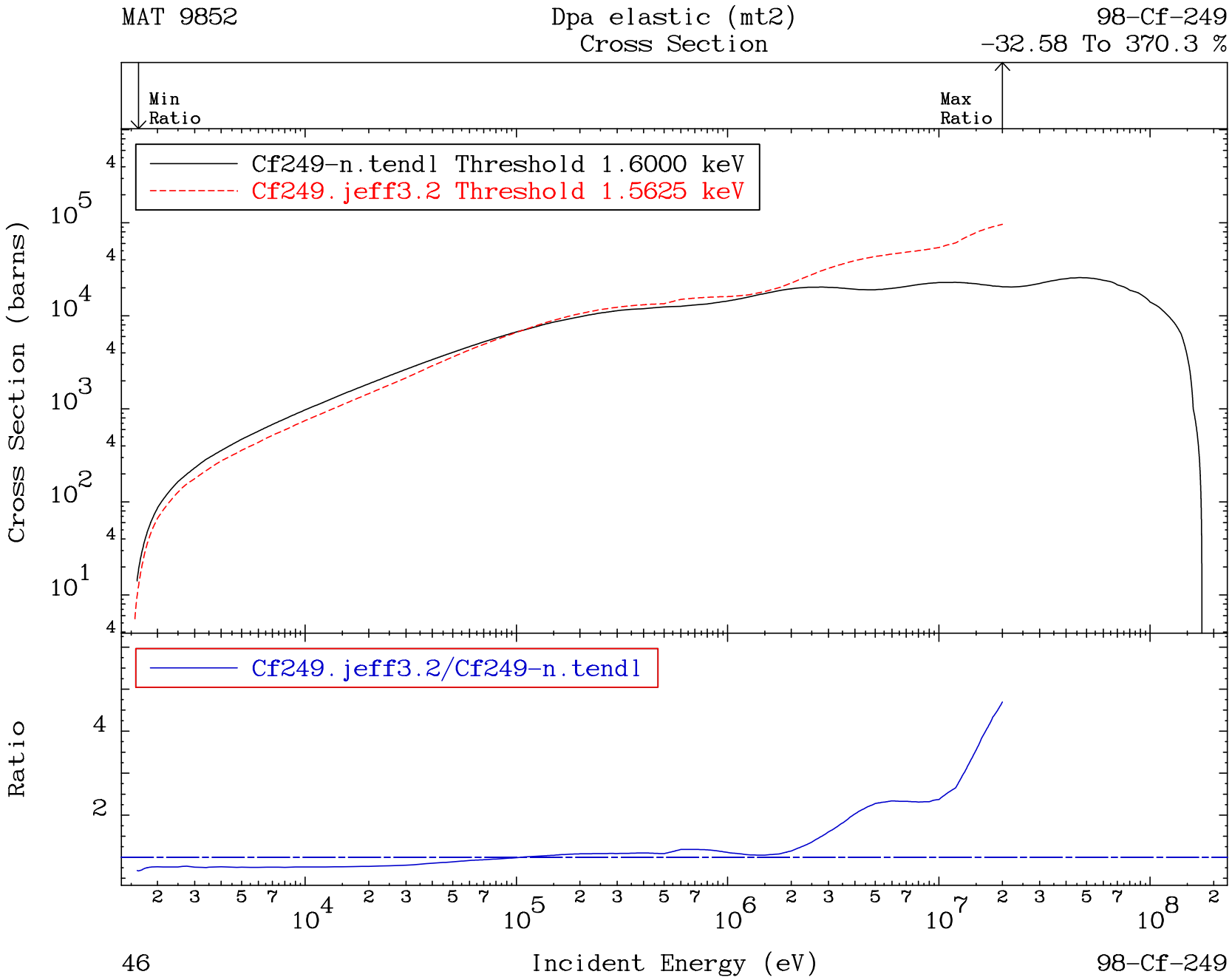

MAT 9852
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
98-Cf-249
-92.59 To 2356. %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
41
98-Cf-249

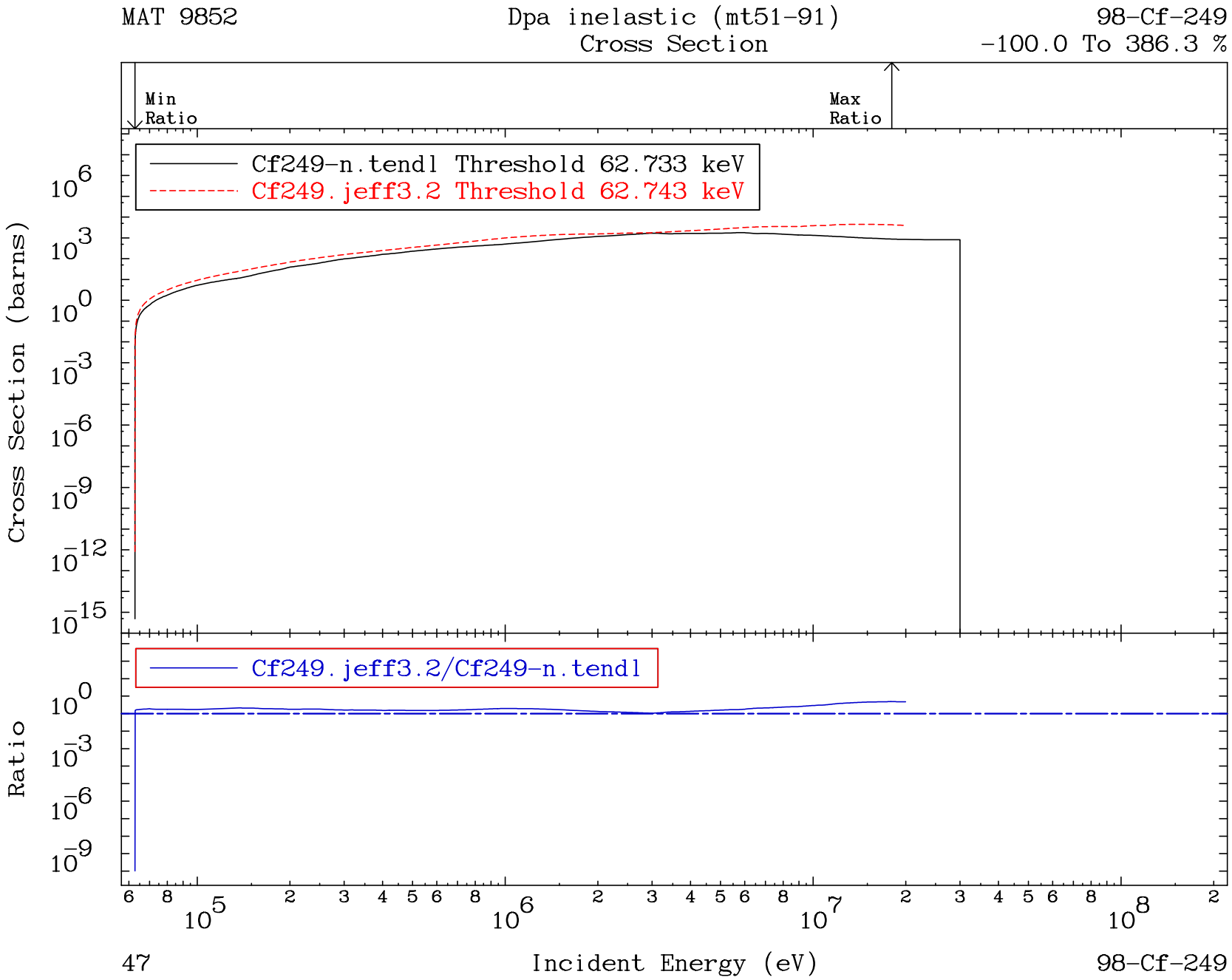

MAT 9852
Kerma capture (mt102)
Cross Section
98-Cf-249
-98.81 To 9999. %
Max Ratio
Min Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
42
98-Cf-249

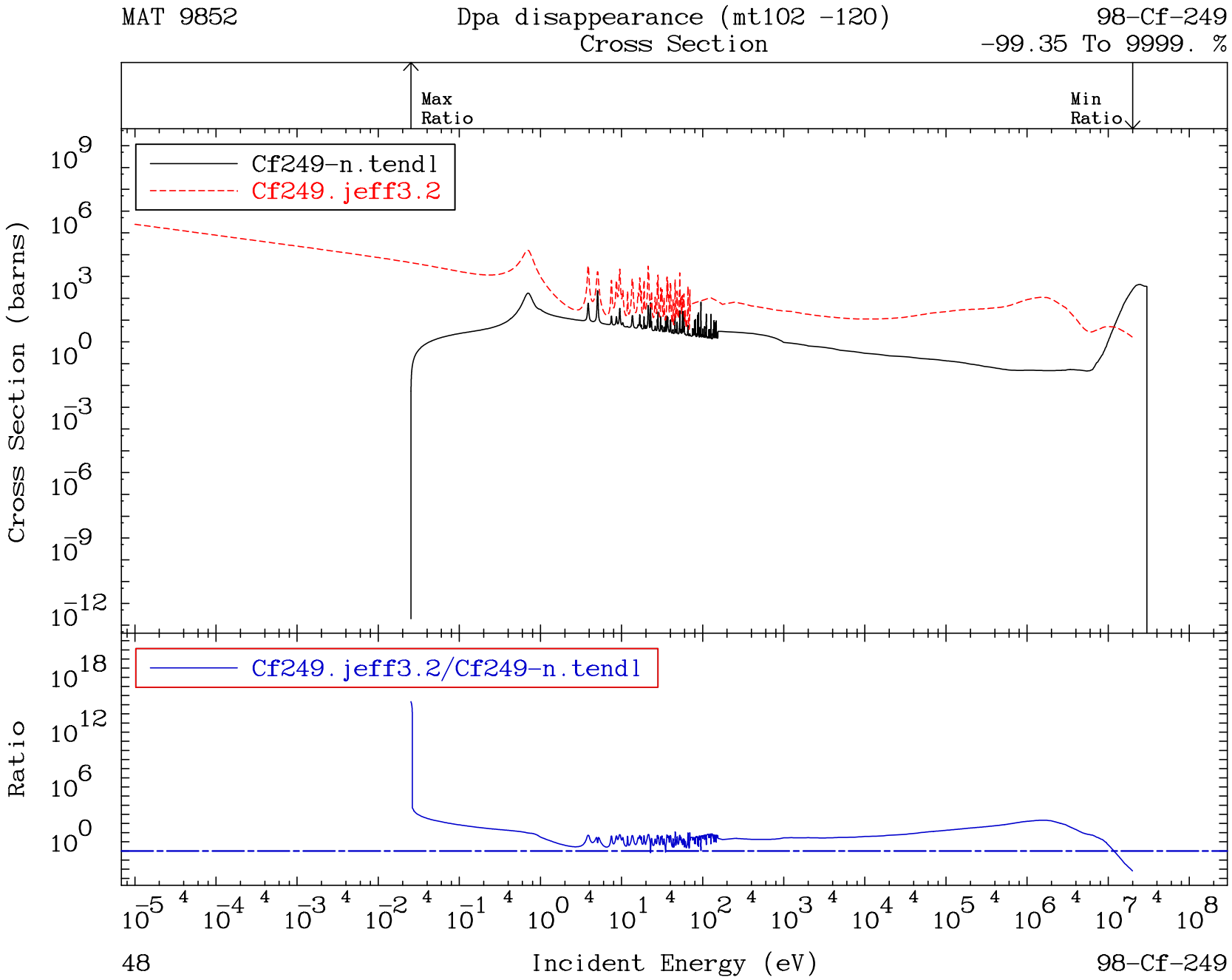

MAT 9852
Total photon (eV-barns)
Cross Section
98-Cf-249
-98.81 To 9999. %
Max Ratio
Min Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (Giga-barns)
0
2
4
6
8
10
Cf249.jeff3.2/Cf249-n.tendl
Ratio
10^{4}
10^{2}
10^{0}
10^{-2}
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
43
Incident Energy (eV)
98-Cf-249


MAT 9852
Total kinematic kerma (high limit)
Cross Section
98-Cf-249
-92.85 To 2350. %
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
44
98-Cf-249


MAT 9852
Dpa total (eV-barns)
Cross Section
98-Cf-249
-100.0 To -60.56%
Min Ratio
Max Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
45
98-Cf-249


MAT 9852
Dpa elastic (mt2)
Cross Section
98-Cf-249
-32.58 To 370.3 %
Min Ratio
Max Ratio
Cf249-n.tendl Threshold 1.6000 keV
Cf249.jeff3.2 Threshold 1.5625 keV
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
46
98-Cf-249


MAT 9852
Dpa inelastic (mt51-91)
Cross Section
98-Cf-249
-100.0 To 386.3 %
Min Ratio
Max Ratio
Cf249-n.tendl Threshold 62.733 keV
Cf249.jeff3.2 Threshold 62.743 keV
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
47
98-Cf-249


MAT 9852
Dpa disappearance (mt102 -120)
Cross Section
98-Cf-249
-99.35 To 9999. %
Max Ratio
Min Ratio
Cf249-n.tendl
Cf249.jeff3.2
Cross Section (barns)
Cf249.jeff3.2/Cf249-n.tendl
Ratio
Incident Energy (eV)
48
98-Cf-249