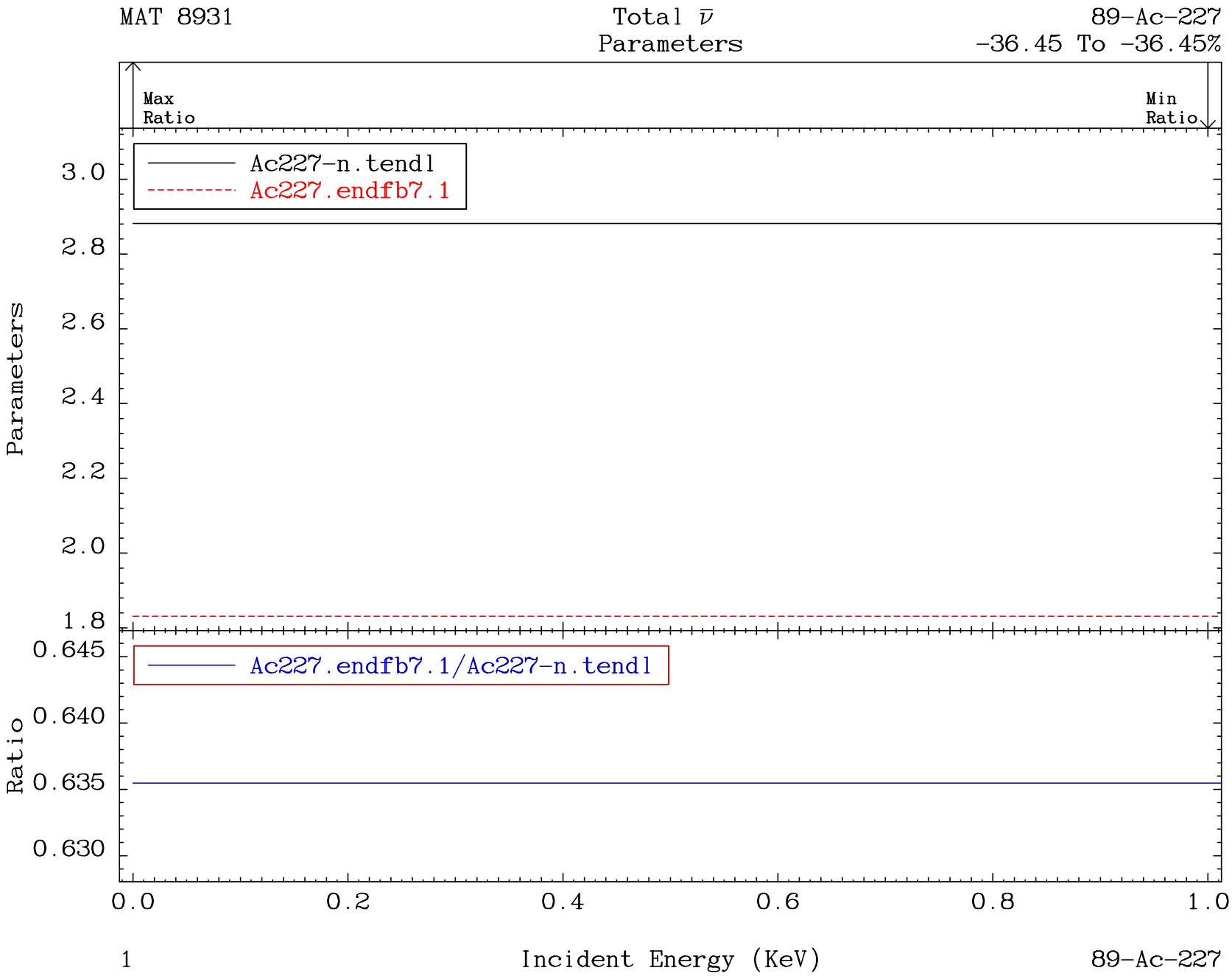
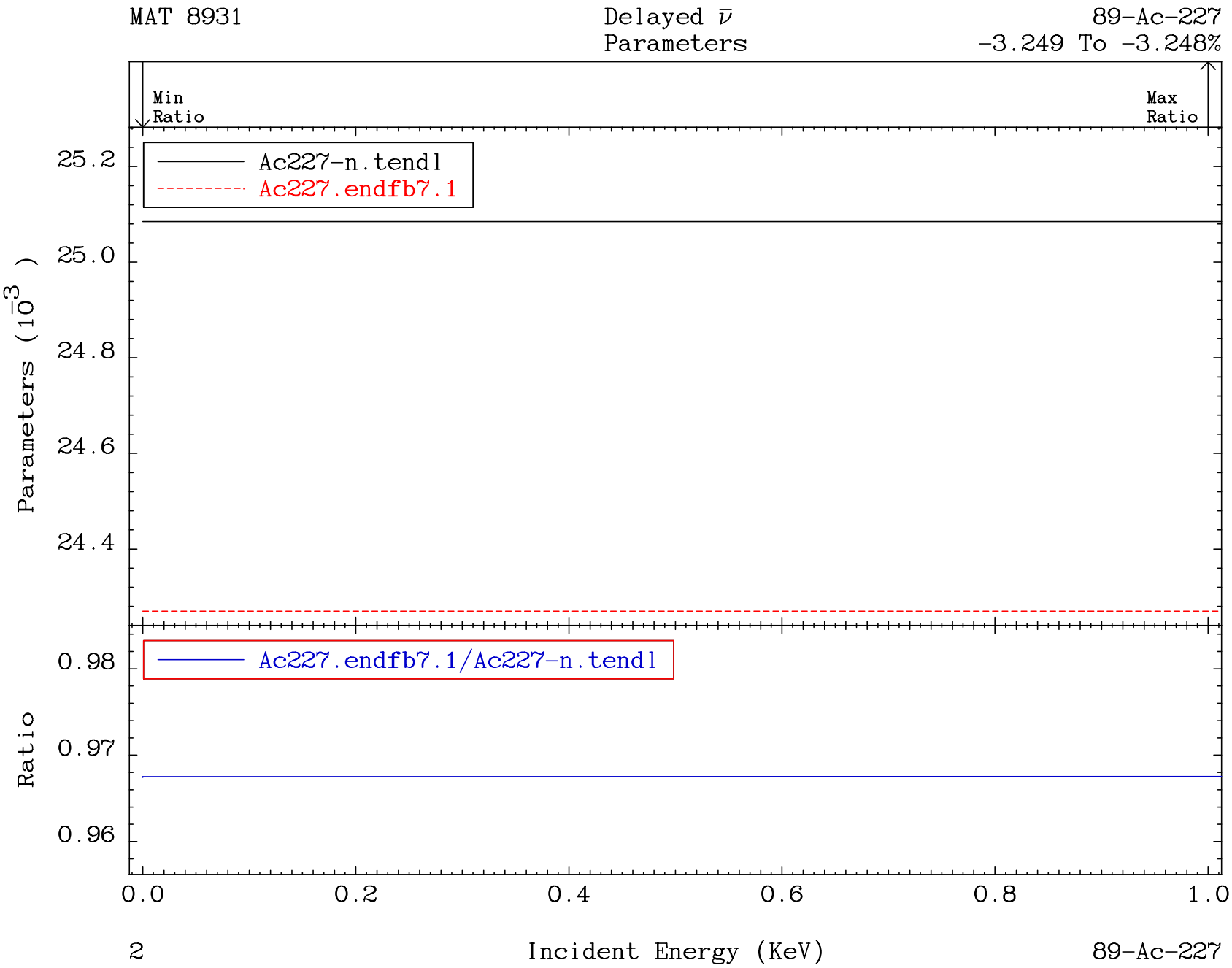
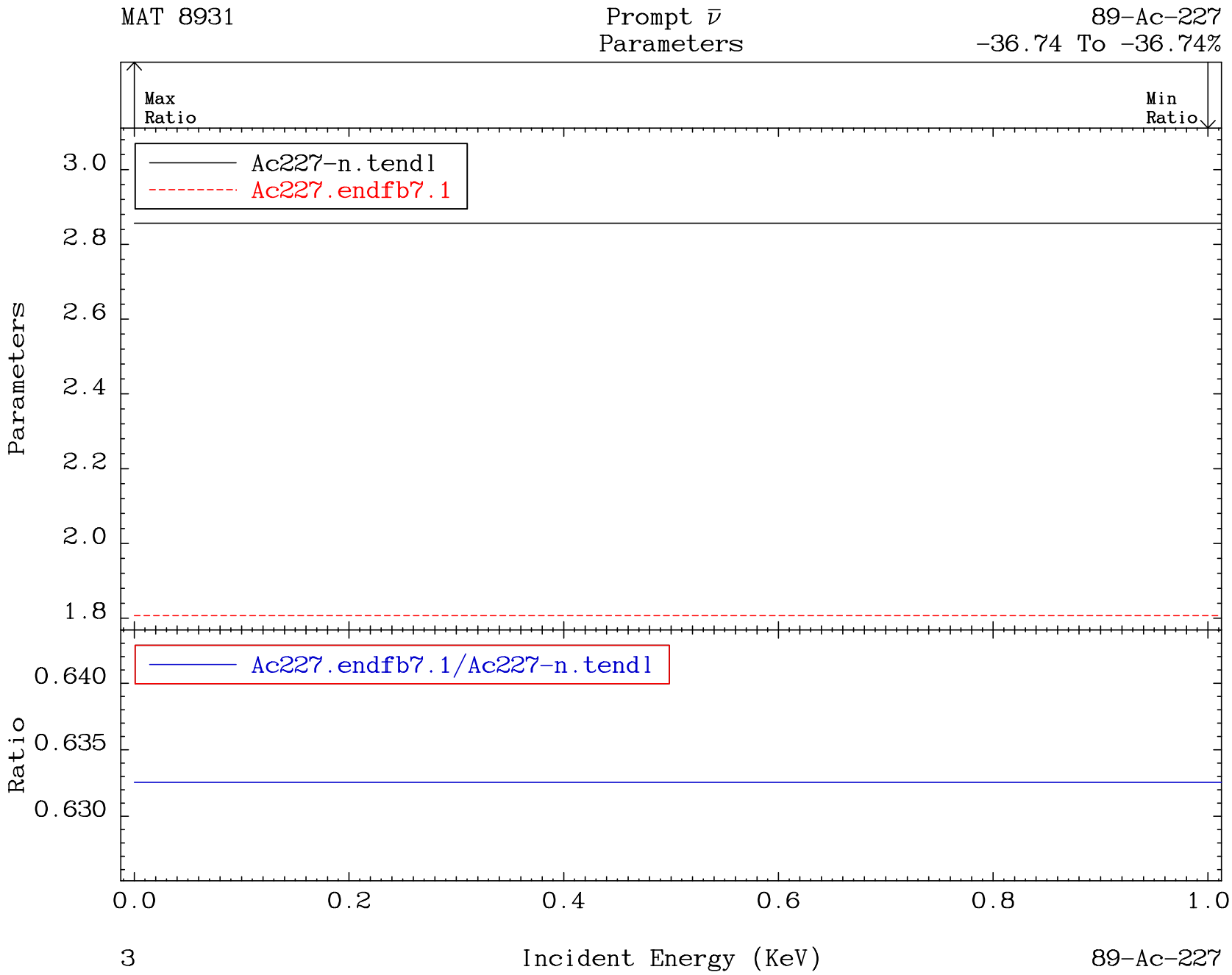
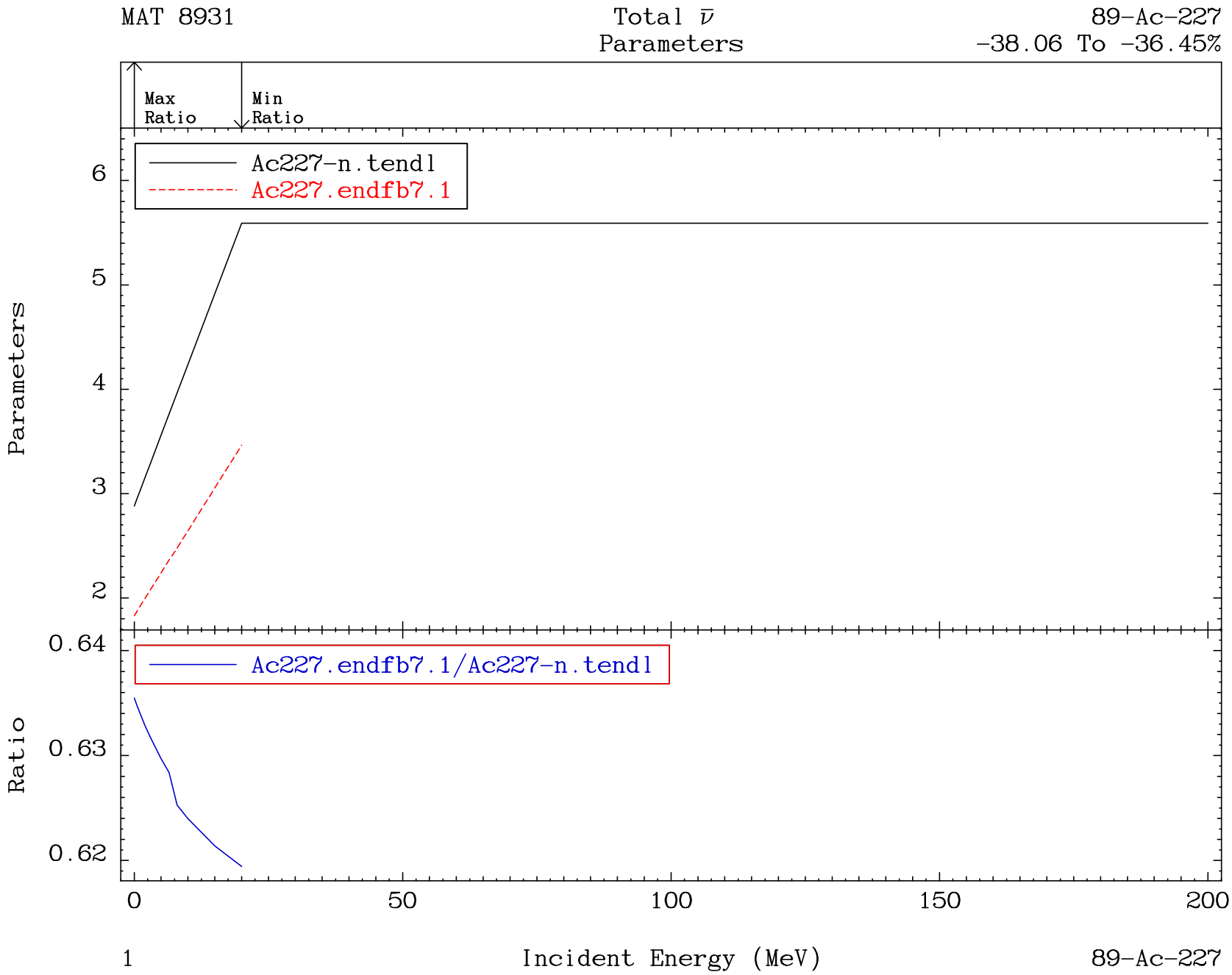
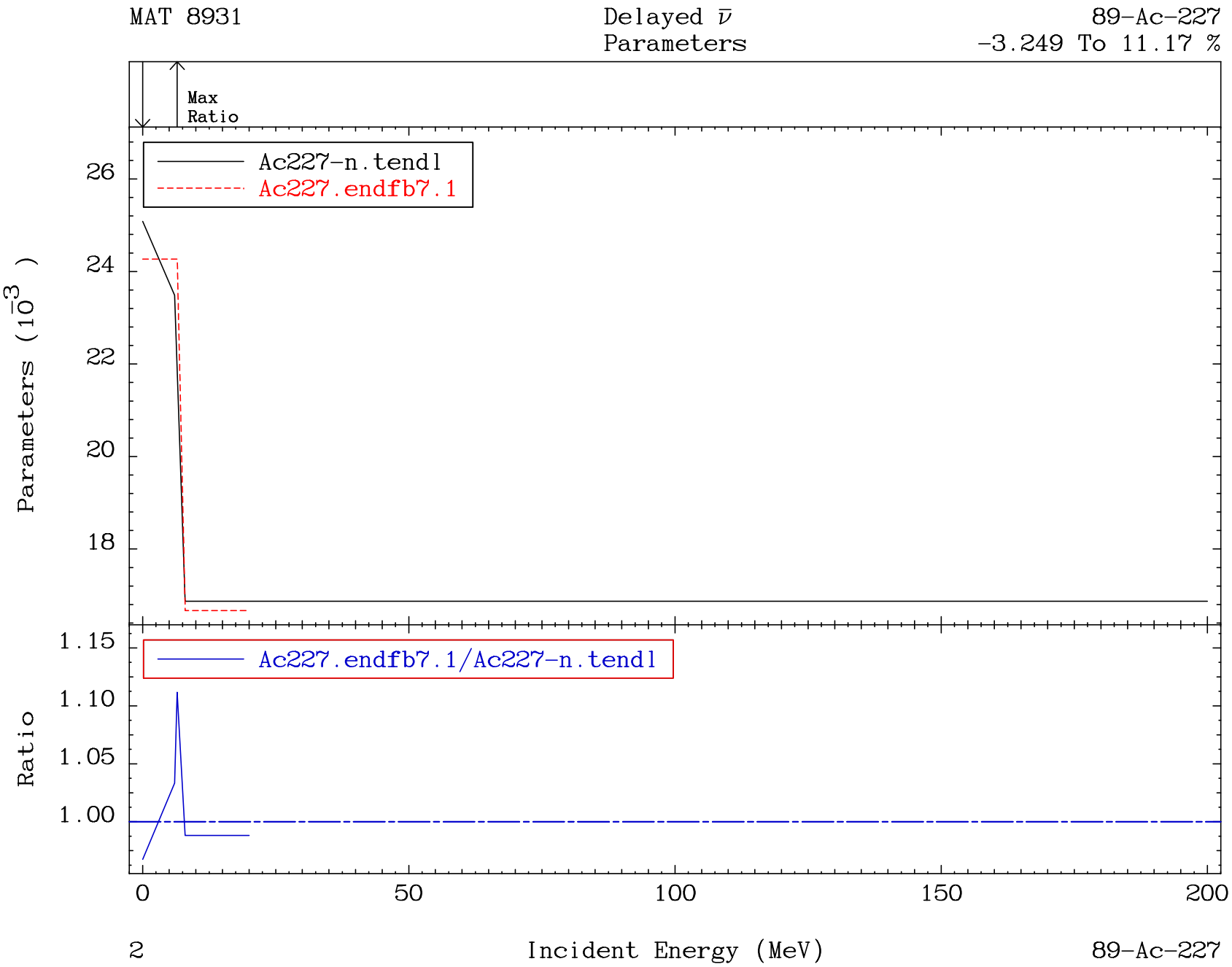
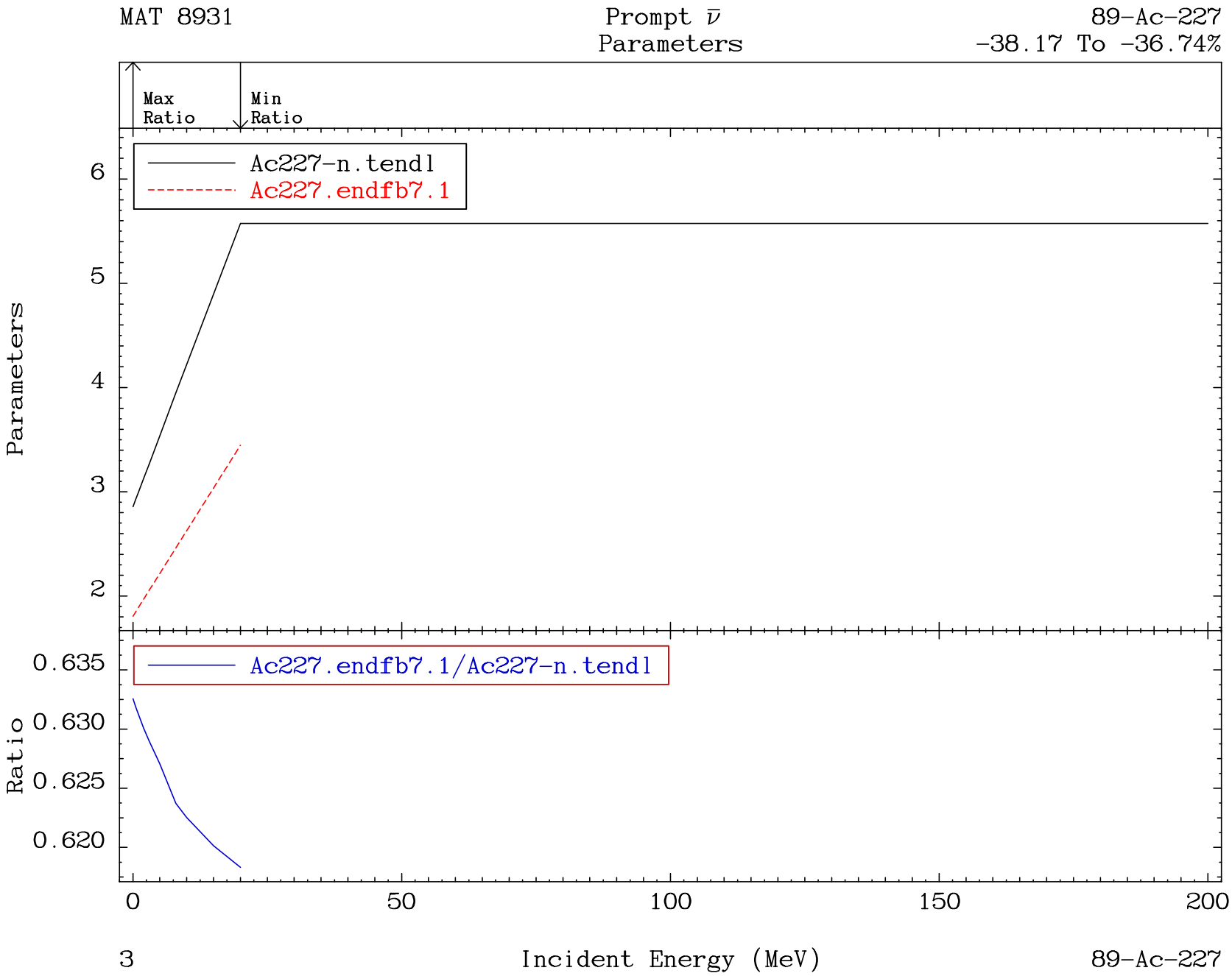

MAT 8931
Total $\bar{\nu}$
Parameters
89-Ac-227
-36.45 To -36.45%
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Parameters
3.0
2.8
2.6
2.4
2.2
2.0
1.8
Ac227.endfb7.1/Ac227-n.tendl
Ratio
0.645
0.640
0.635
0.630
0.0
0.2
0.4
0.6
0.8
1.0
1
Incident Energy (KeV)
89-Ac-227

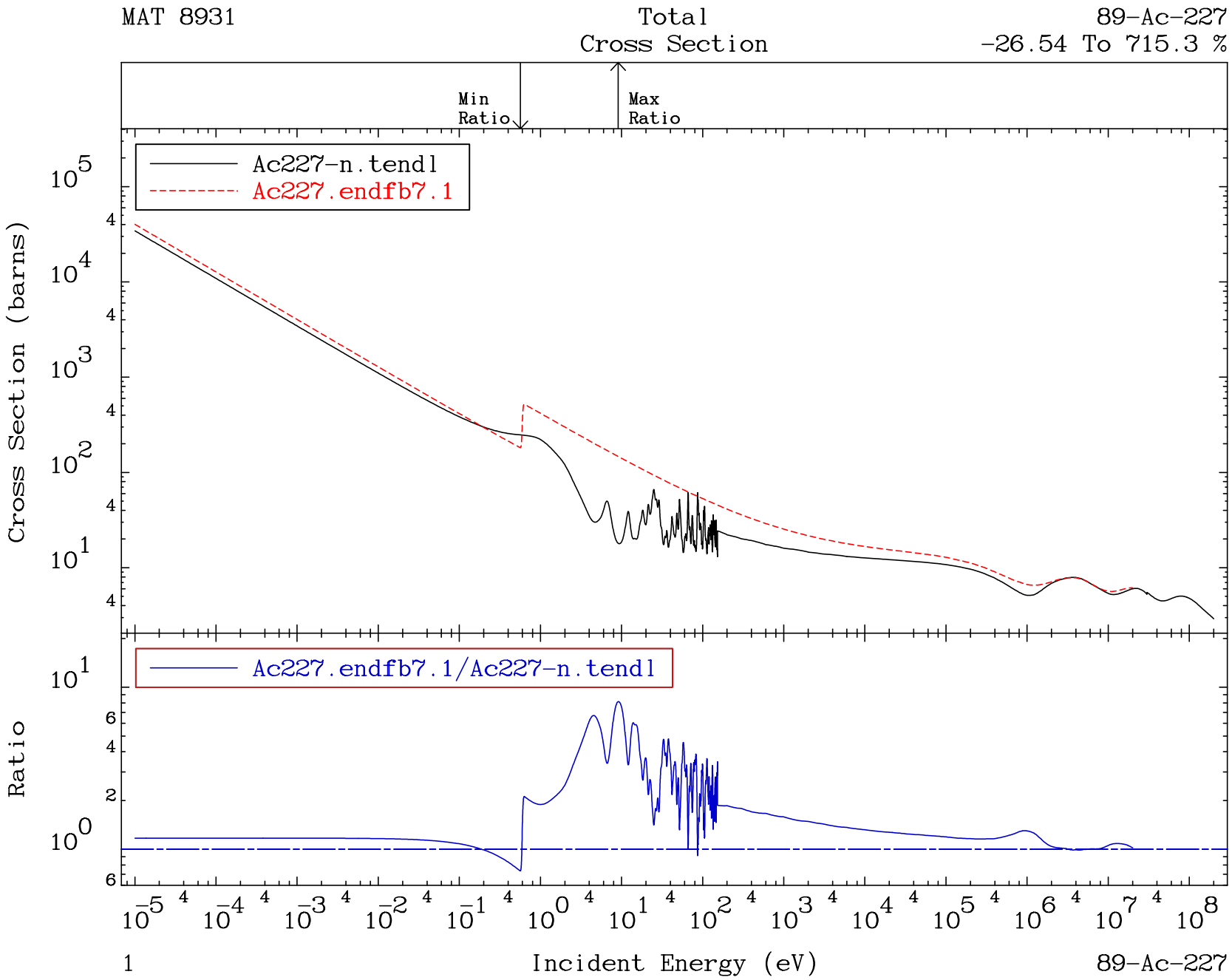

MAT 8931
Delayed $\bar{\nu}$
Parameters
89-Ac-227
-3.249 To -3.248%
Min
Ratio
Max
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Parameters (10^{-3})
25.2
25.0
24.8
24.6
24.4
Ac227.endfb7.1/Ac227-n.tendl
Ratio
0.98
0.97
0.96
0.0
0.2
0.4
0.6
0.8
1.0
2
Incident Energy (KeV)
89-Ac-227

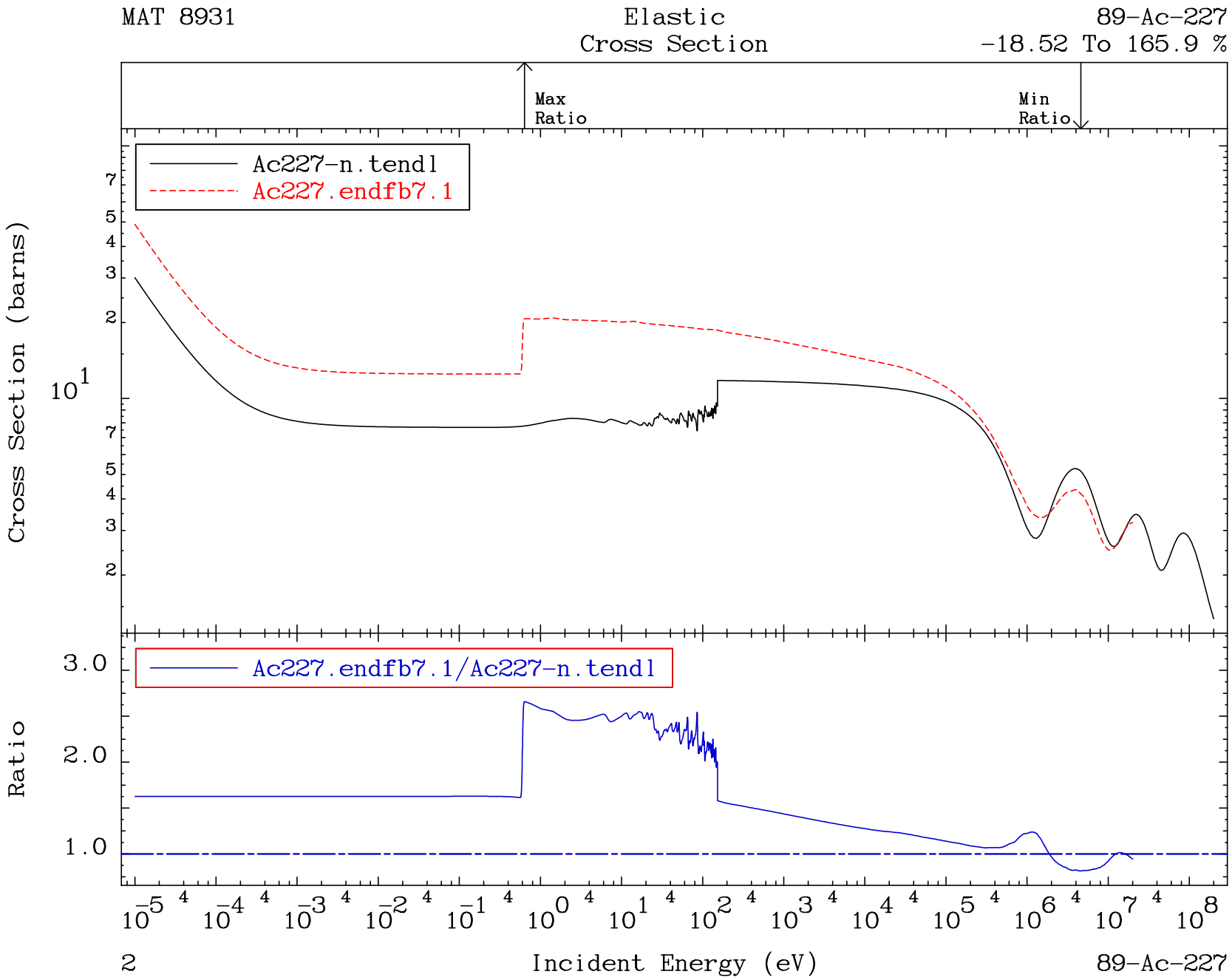

MAT 8931
Prompt $\bar{\nu}$
Parameters
89-Ac-227
-36.74 To -36.74%
Max
Ratio
Min
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Parameters
3.0
2.8
2.6
2.4
2.2
2.0
1.8
Ac227.endfb7.1/Ac227-n.tendl
Ratio
0.640
0.635
0.630
0.0
0.2
0.4
0.6
0.8
1.0
3
Incident Energy (KeV)
89-Ac-227

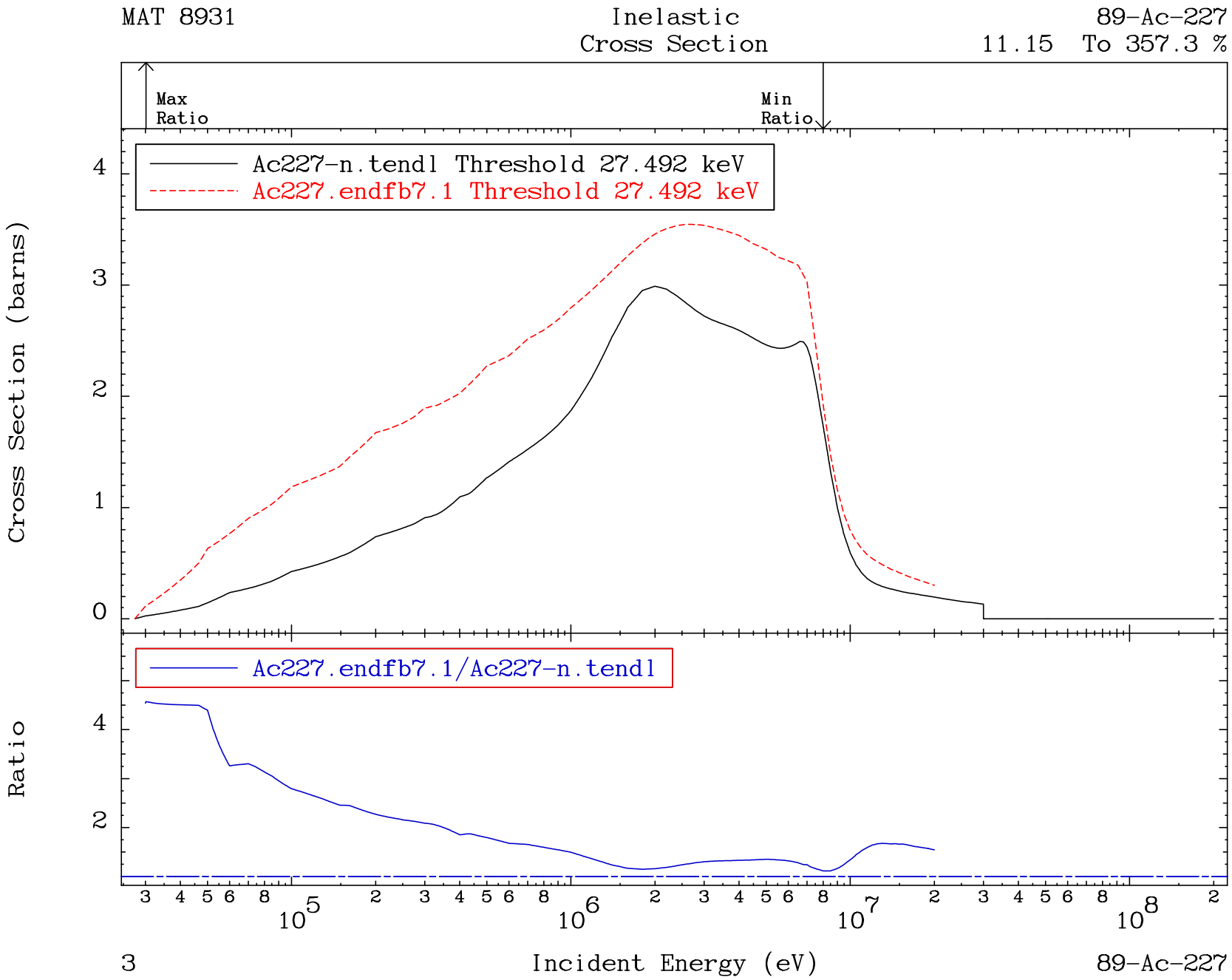

MAT 8931
Total $\bar{\nu}$
Parameters
89-Ac-227
-38.06 To -36.45%
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Parameters
6
5
4
3
2
0.64
0.63
0.62
Ratio
Ac227.endfb7.1/Ac227-n.tendl
0
50
100
150
200
1
Incident Energy (MeV)
89-Ac-227

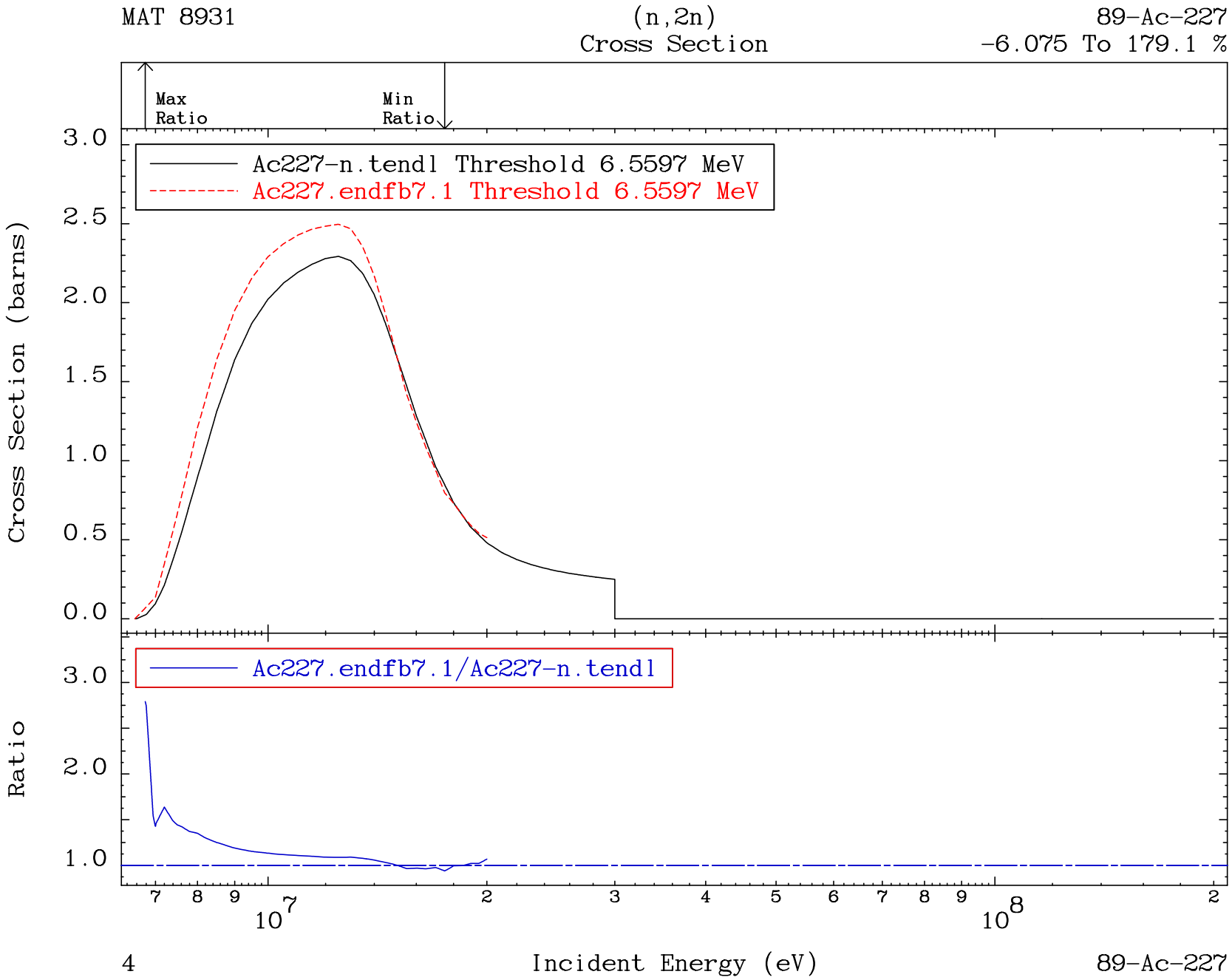

MAT 8931
Delayed $\bar{\nu}$
Parameters
89-Ac-227
-3.249 To 11.17 %
Max
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Parameters (10^{-3})
26
24
22
20
18
Ac227.endfb7.1/Ac227-n.tendl
Ratio
1.15
1.10
1.05
1.00
0
50
100
150
200
2
Incident Energy (MeV)
89-Ac-227

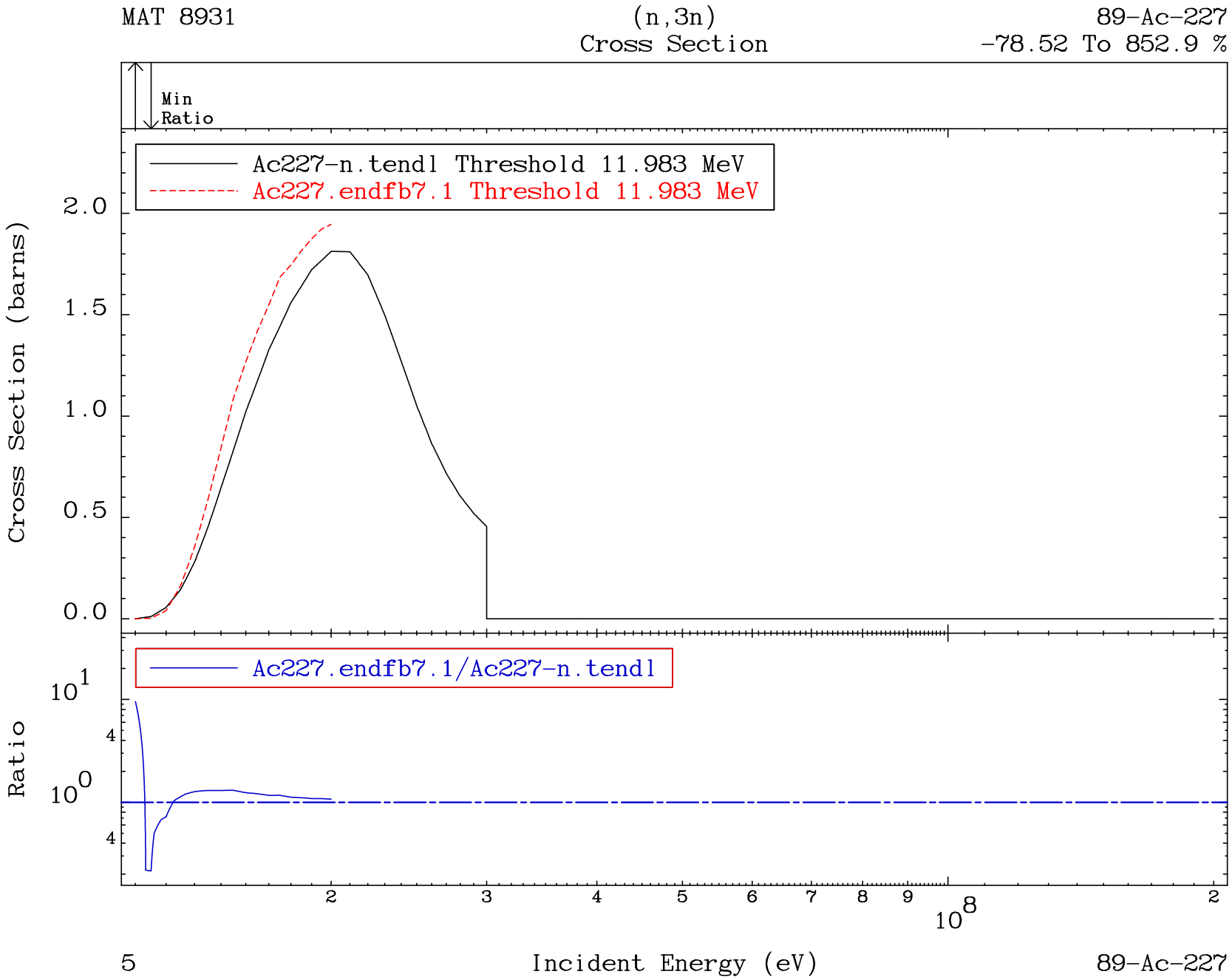

MAT 8931
Prompt $\bar{\nu}$
Parameters
89-Ac-227
-38.17 To -36.74%
Max
Ratio
Min
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Parameters
6
5
4
3
2
Ac227.endfb7.1/Ac227-n.tendl
Ratio
0.635
0.630
0.625
0.620
0
50
100
150
200
3
Incident Energy (MeV)
89-Ac-227

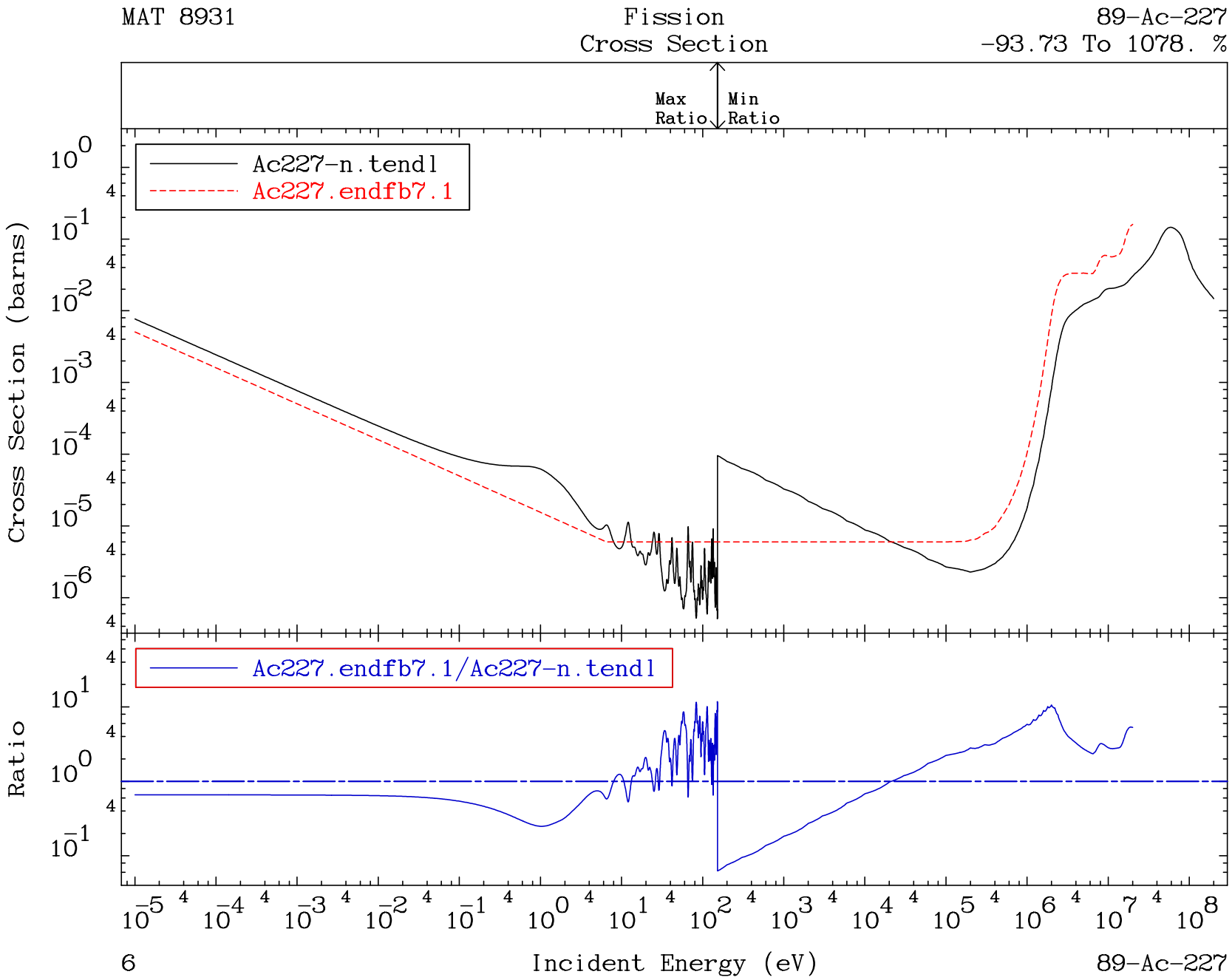

MAT 8931
Total
Cross Section
89-Ac-227
-26.54 To 715.3 %
Min
Ratio
Max
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
1
89-Ac-227

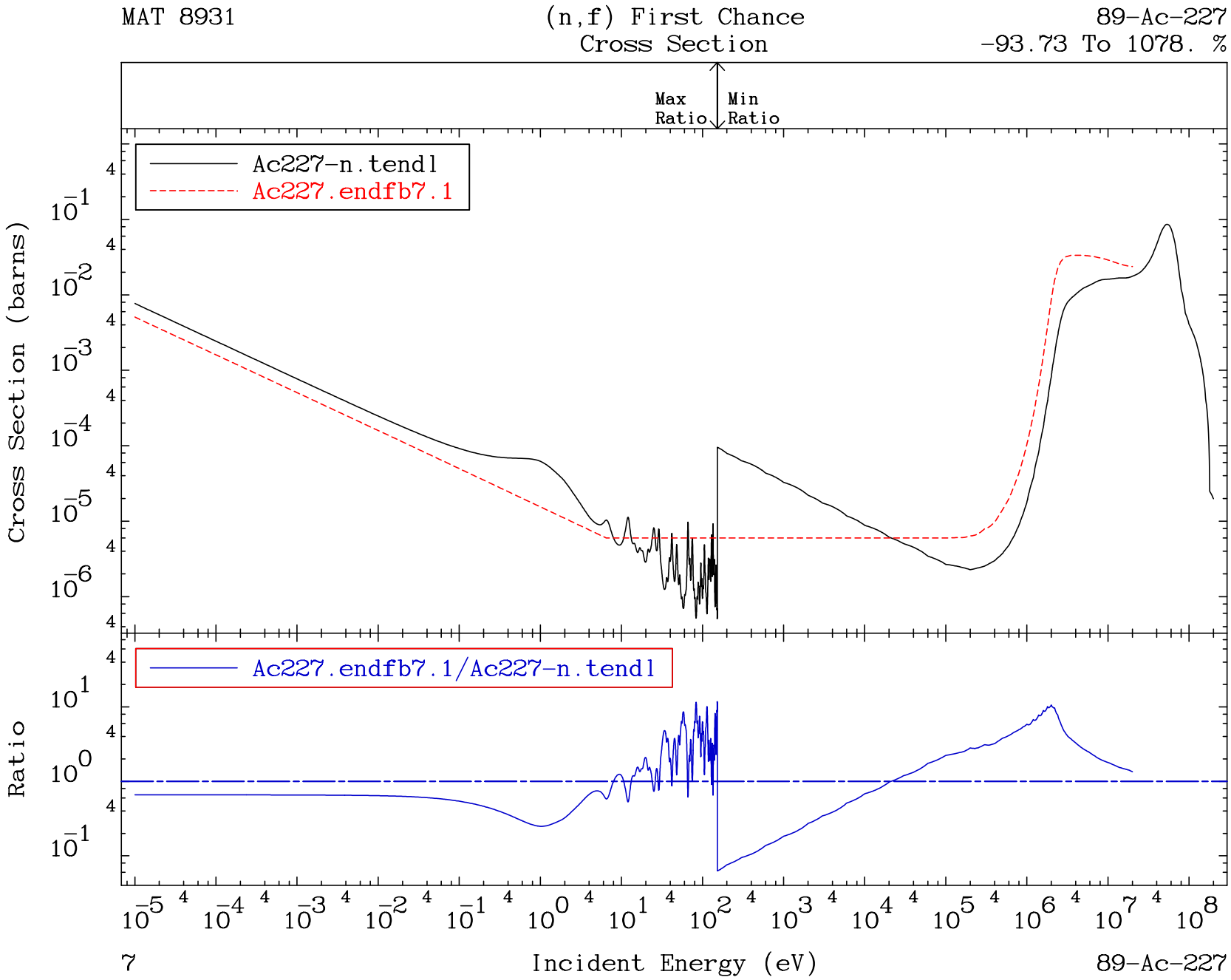

MAT 8931
Elastic
Cross Section
89-Ac-227
-18.52 To 165.9 %
Max
Ratio
Min
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
2
89-Ac-227

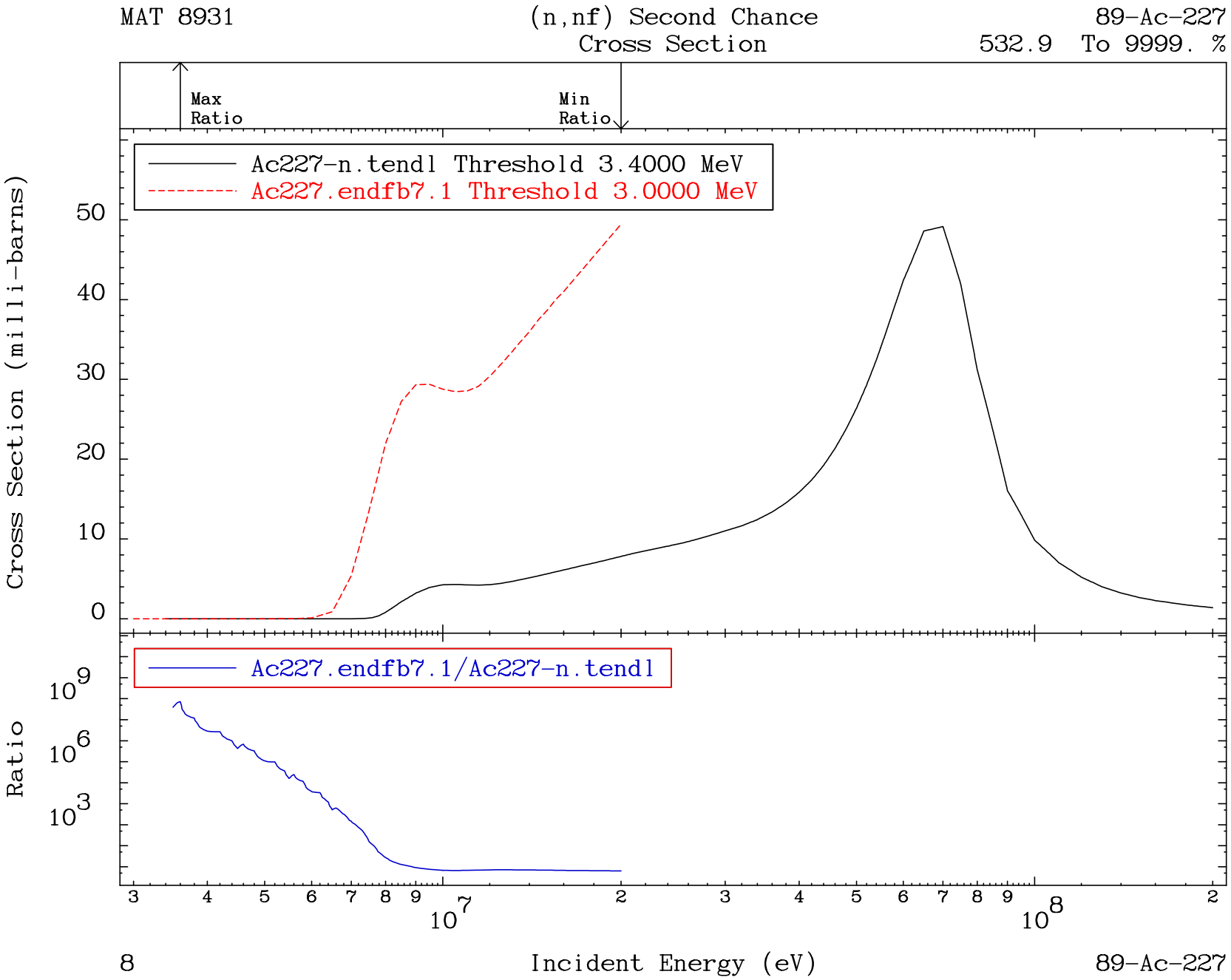

MAT 8931
Inelastic
Cross Section
89-Ac-227
11.15 To 357.3 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 27.492 keV
Ac227.endfb7.1 Threshold 27.492 keV
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
3
89-Ac-227

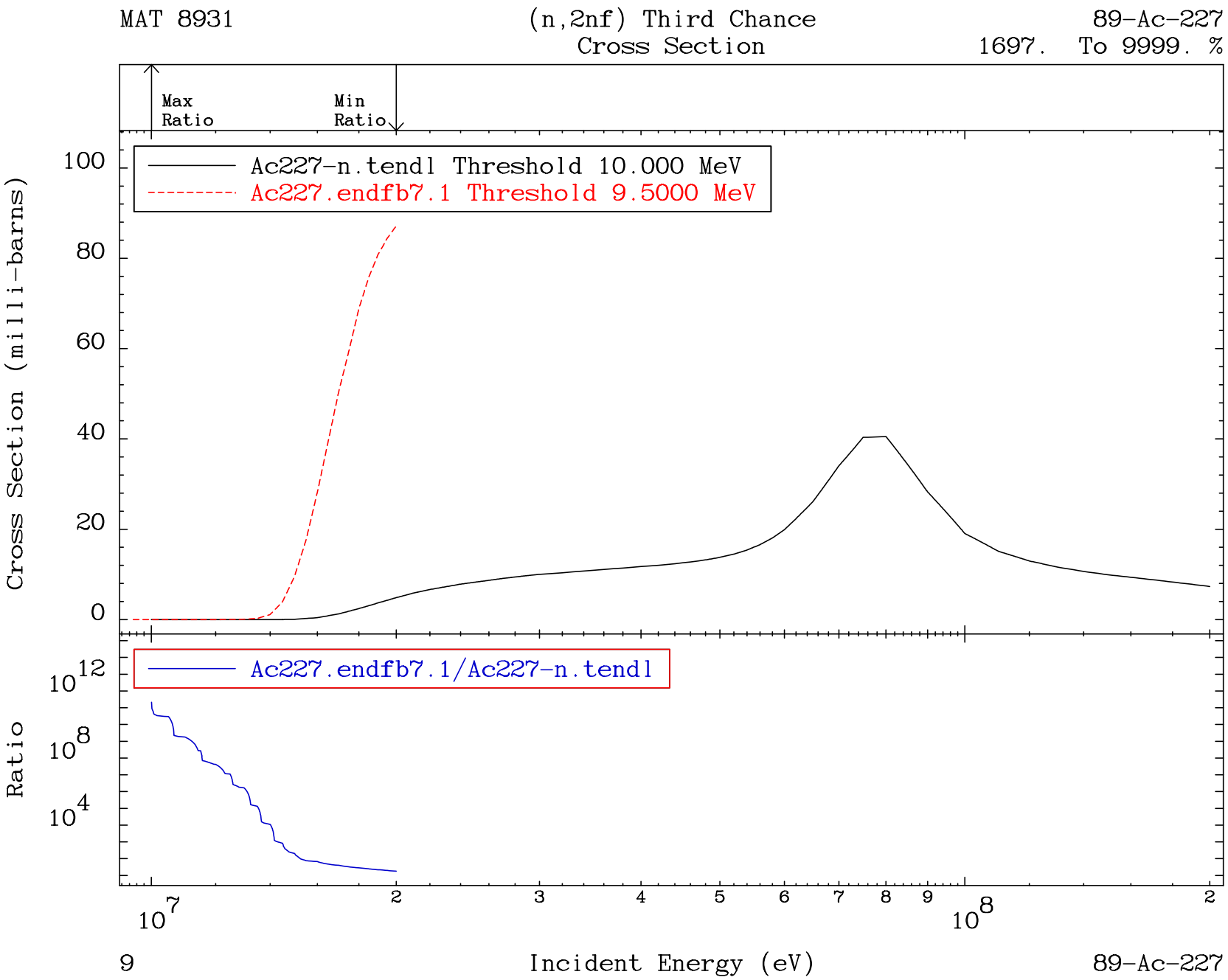

MAT 8931
(n,2n)
Cross Section
89-Ac-227
-6.075 To 179.1 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 6.5597 MeV
Ac227.endfb7.1 Threshold 6.5597 MeV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
3.0
2.0
1.0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
4
Incident Energy (eV)
89-Ac-227

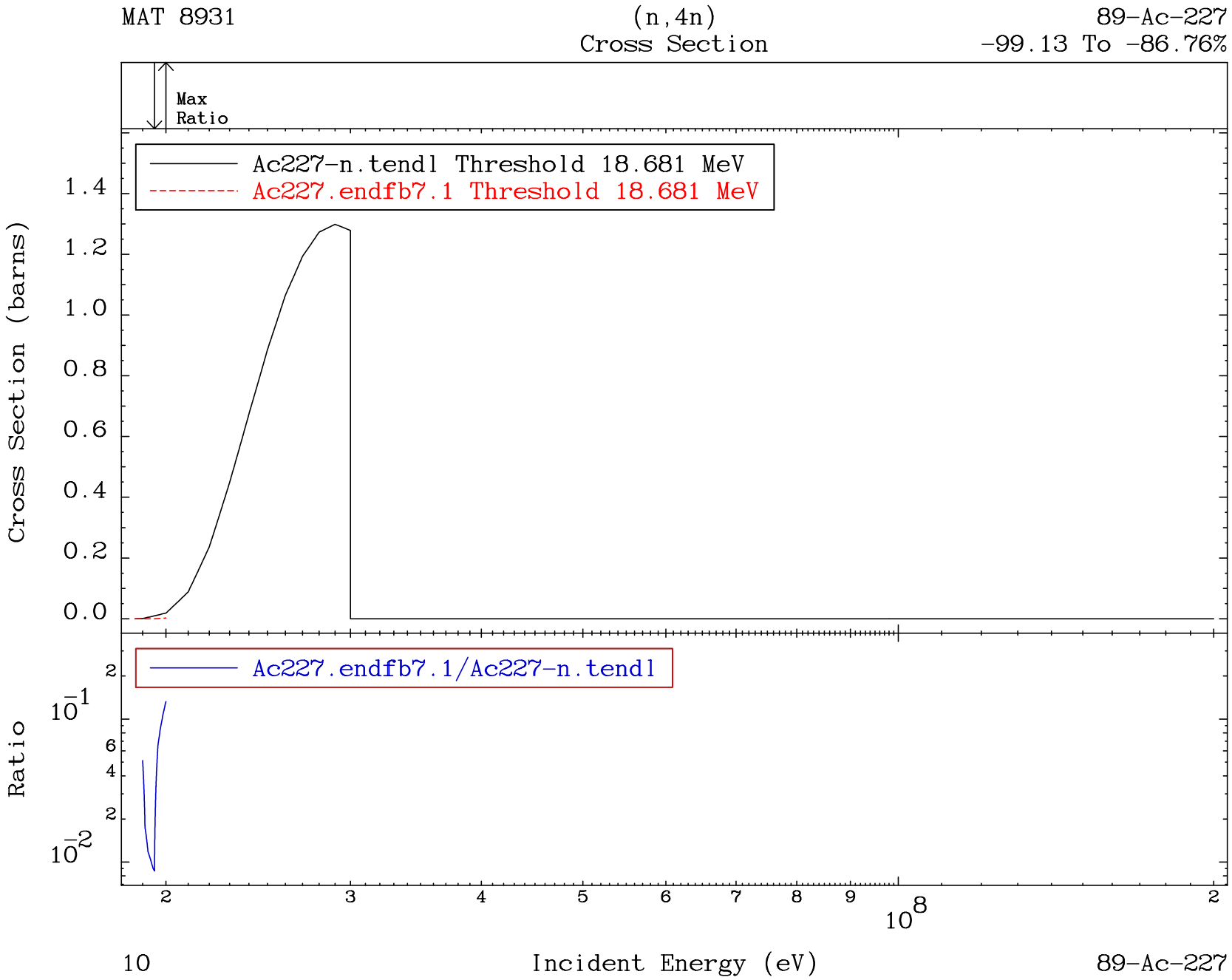

MAT 8931
(n,3n)
Cross Section
89-Ac-227
-78.52 To 852.9 %
Min
Ratio
Ac227-n.tendl Threshold 11.983 MeV
Ac227.endfb7.1 Threshold 11.983 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^1
10^0
4
4
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
89-Ac-227

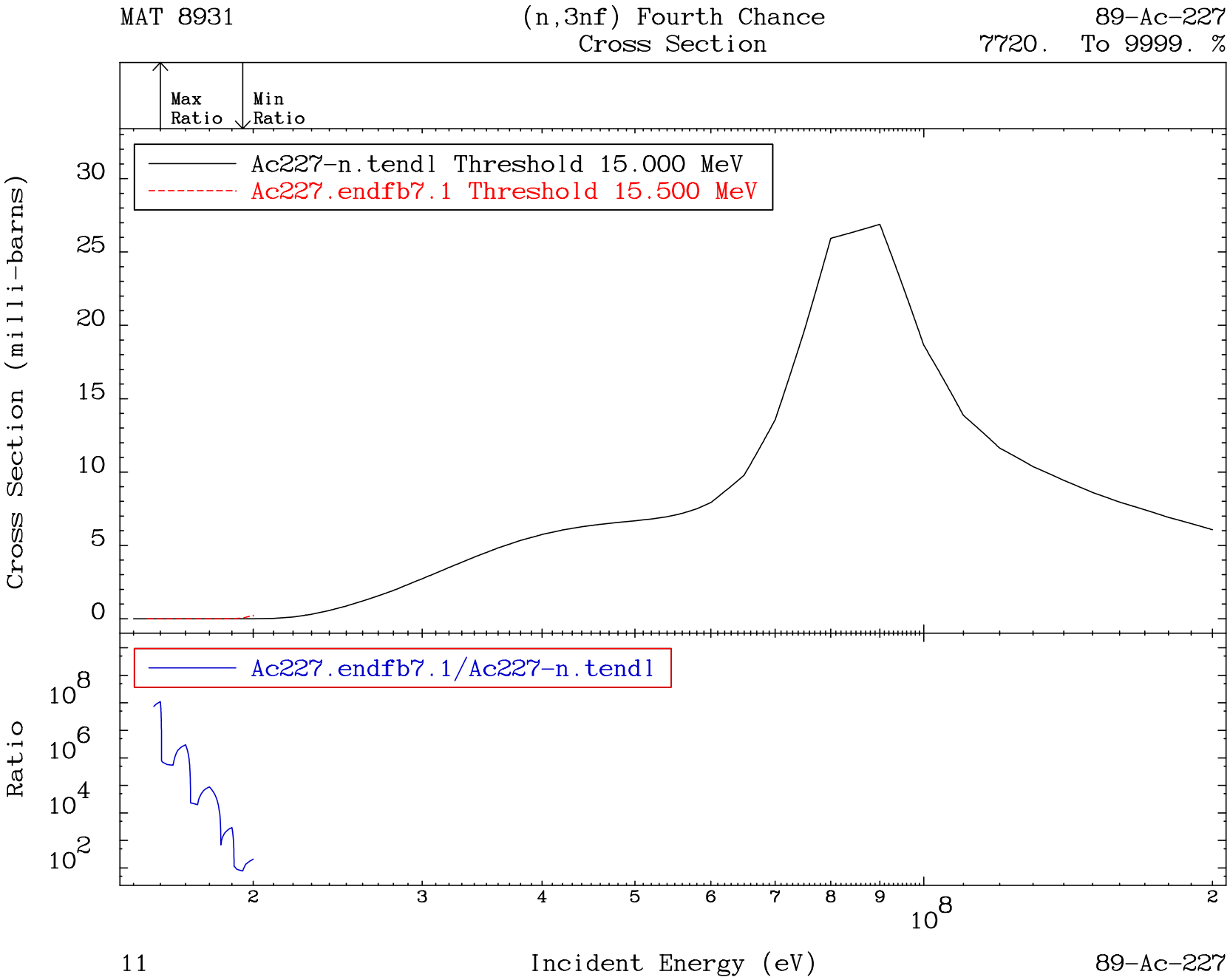

MAT 8931
Fission
Cross Section
89-Ac-227
-93.73 To 1078. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
6
89-Ac-227

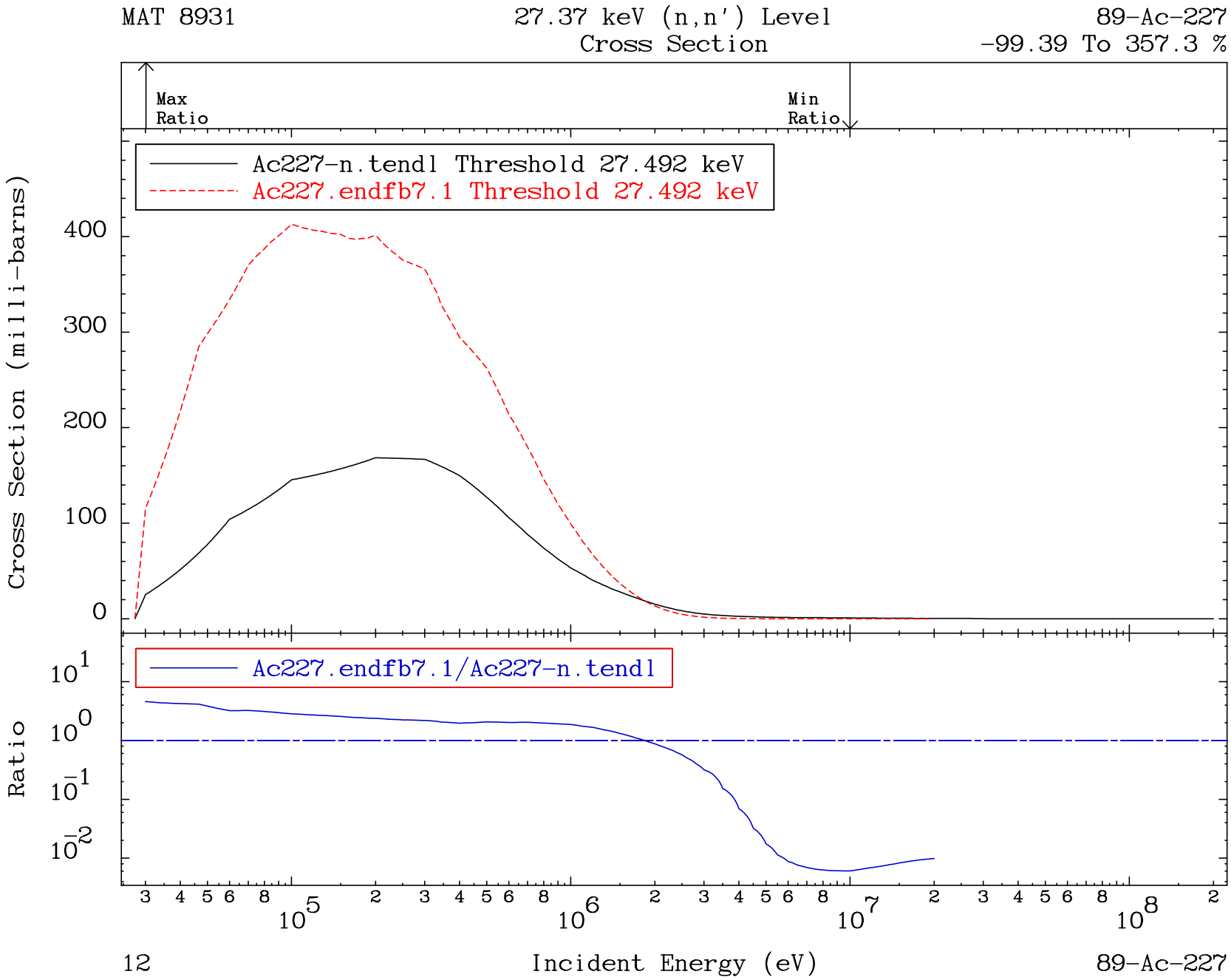

MAT 8931
(n,f) First Chance
Cross Section
89-Ac-227
-93.73 To 1078. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
7
89-Ac-227

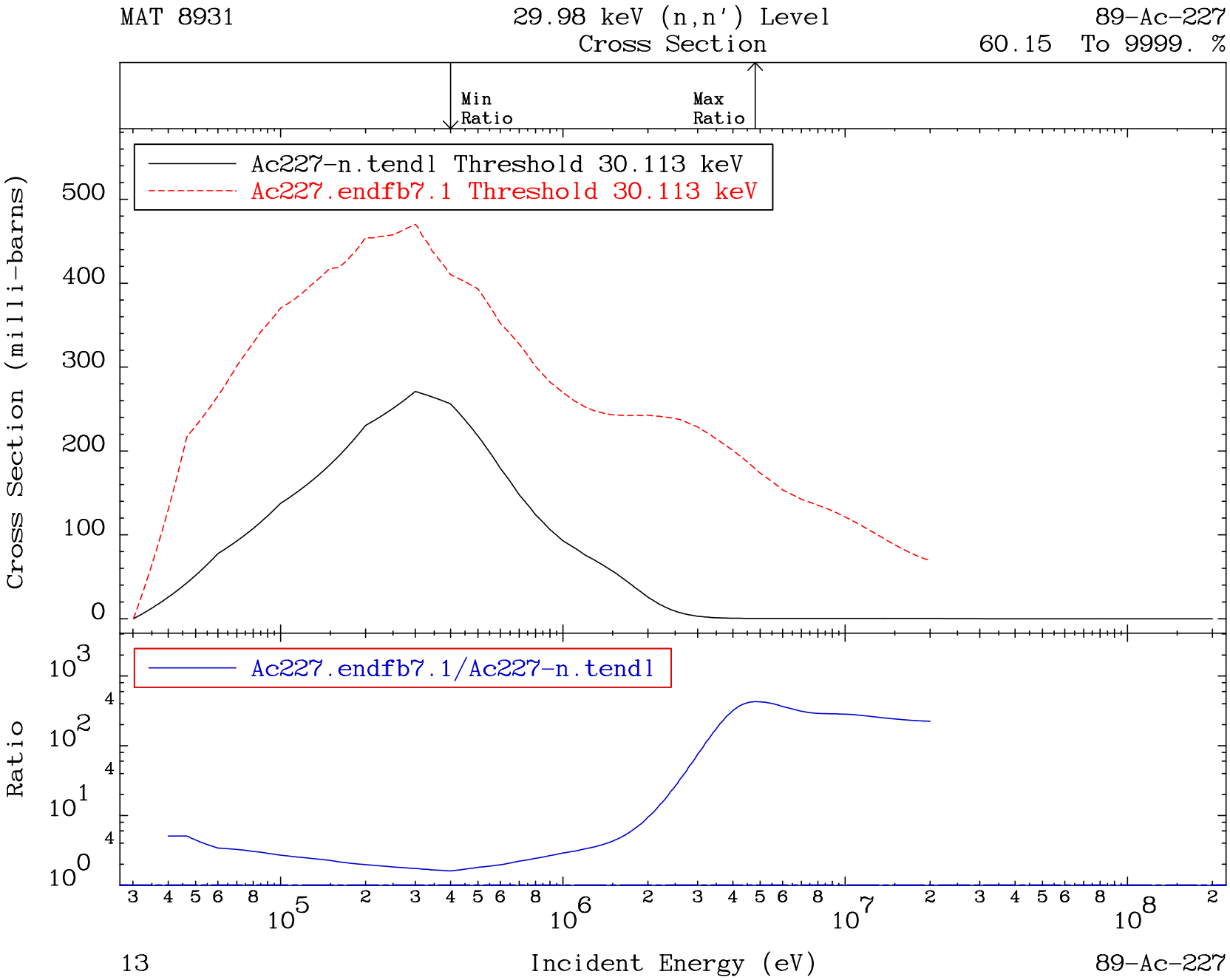

MAT 8931
(n,nf) Second Chance
Cross Section
89-Ac-227
532.9 To 9999. %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 3.4000 MeV
Ac227.endfb7.1 Threshold 3.0000 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^9
10^6
10^3
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
8
Incident Energy (eV)
89-Ac-227

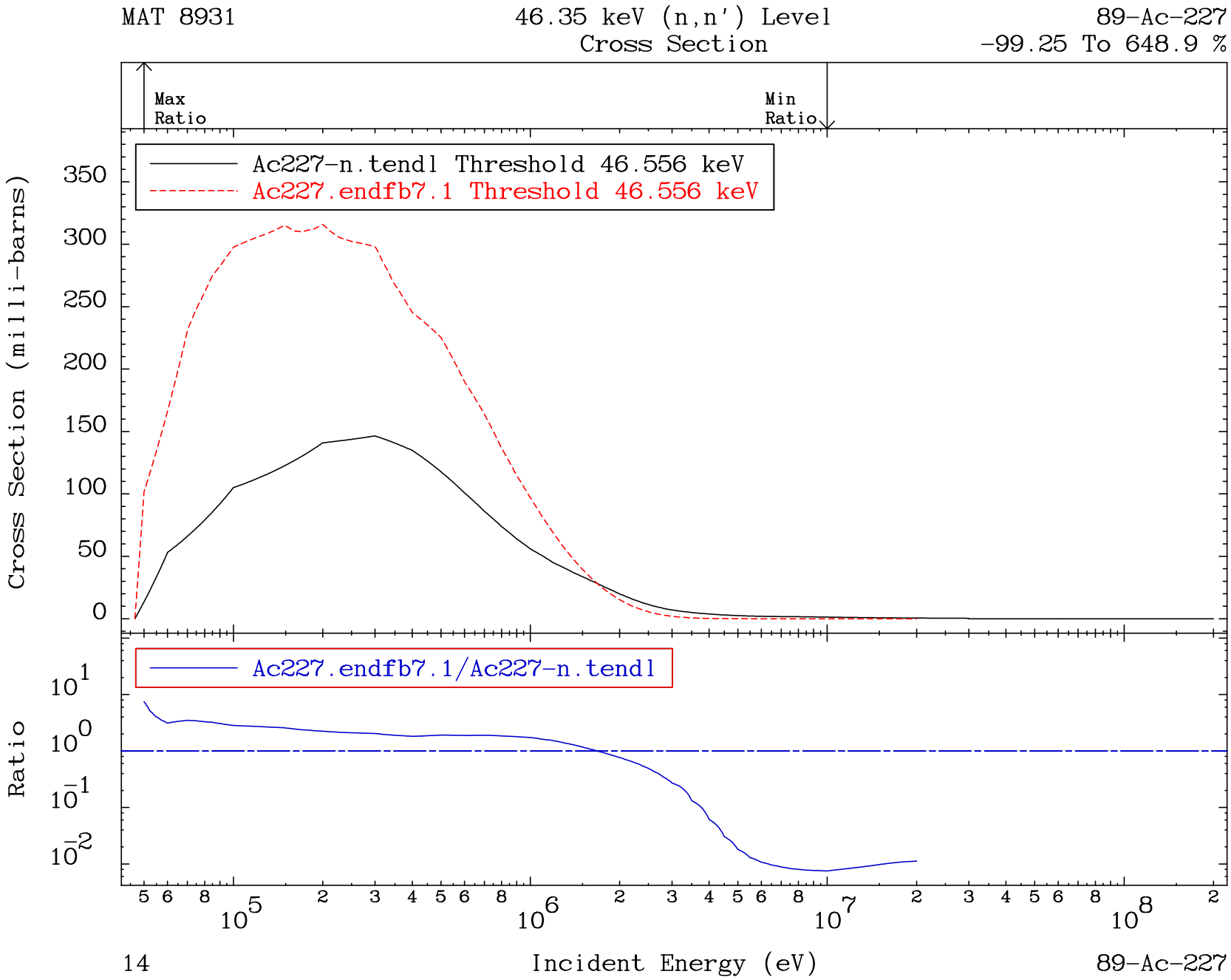

MAT 8931
(n,2nf) Third Chance
Cross Section
89-Ac-227
1697. To 9999. %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 10.000 MeV
Ac227.endfb7.1 Threshold 9.5000 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^12
10^8
10^4
10^7
2
3
4
5
6
7
8
9
10^8
2
9
Incident Energy (eV)
89-Ac-227

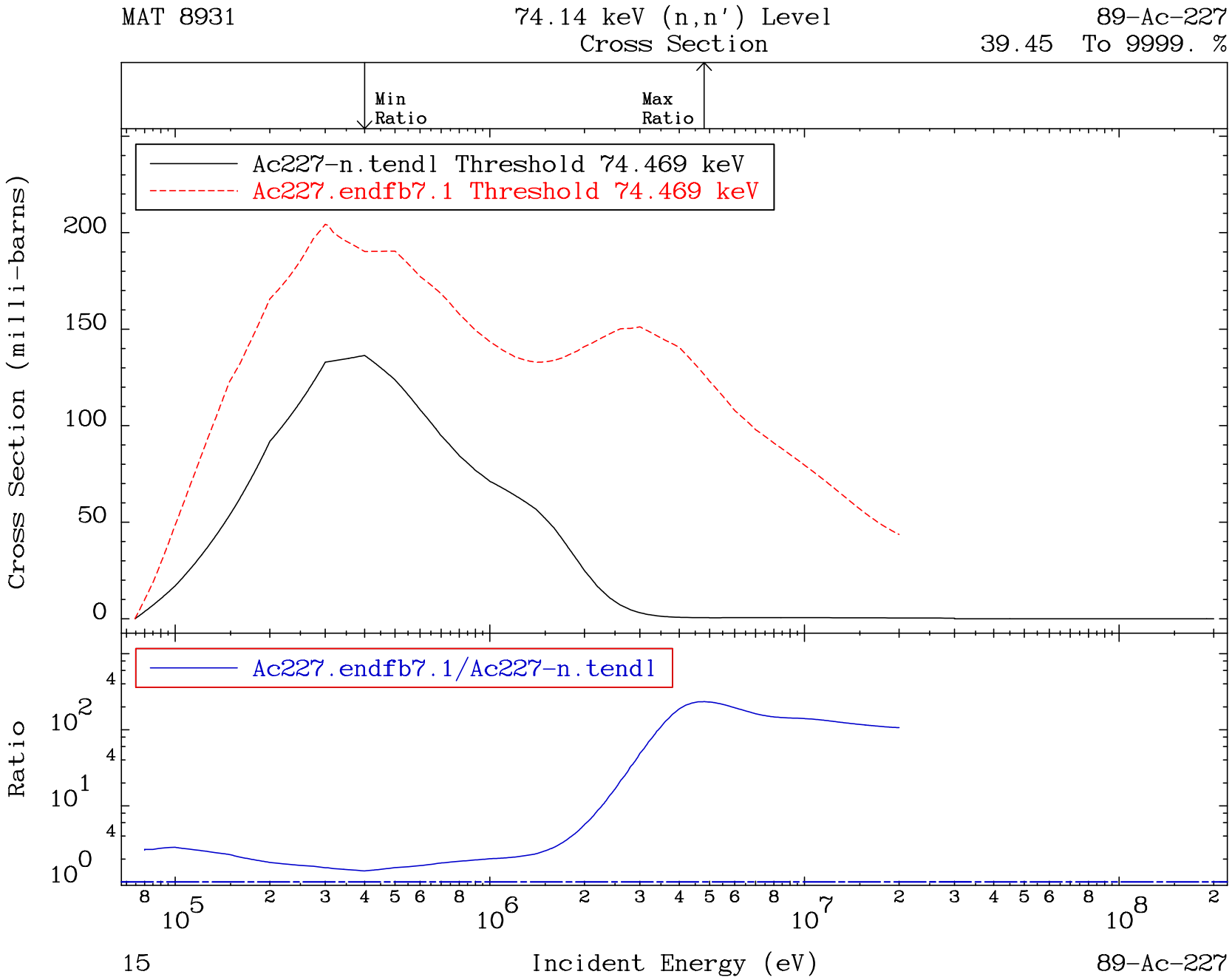

MAT 8931
(n,4n)
Cross Section
89-Ac-227
-99.13 To -86.76%
Max
Ratio
Ac227-n.tendl Threshold 18.681 MeV
Ac227.endfb7.1 Threshold 18.681 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
2
10-1
6
4
2
10-2
2
3
4
5
6
7
8
9
10 8
2
10
Incident Energy (eV)
89-Ac-227

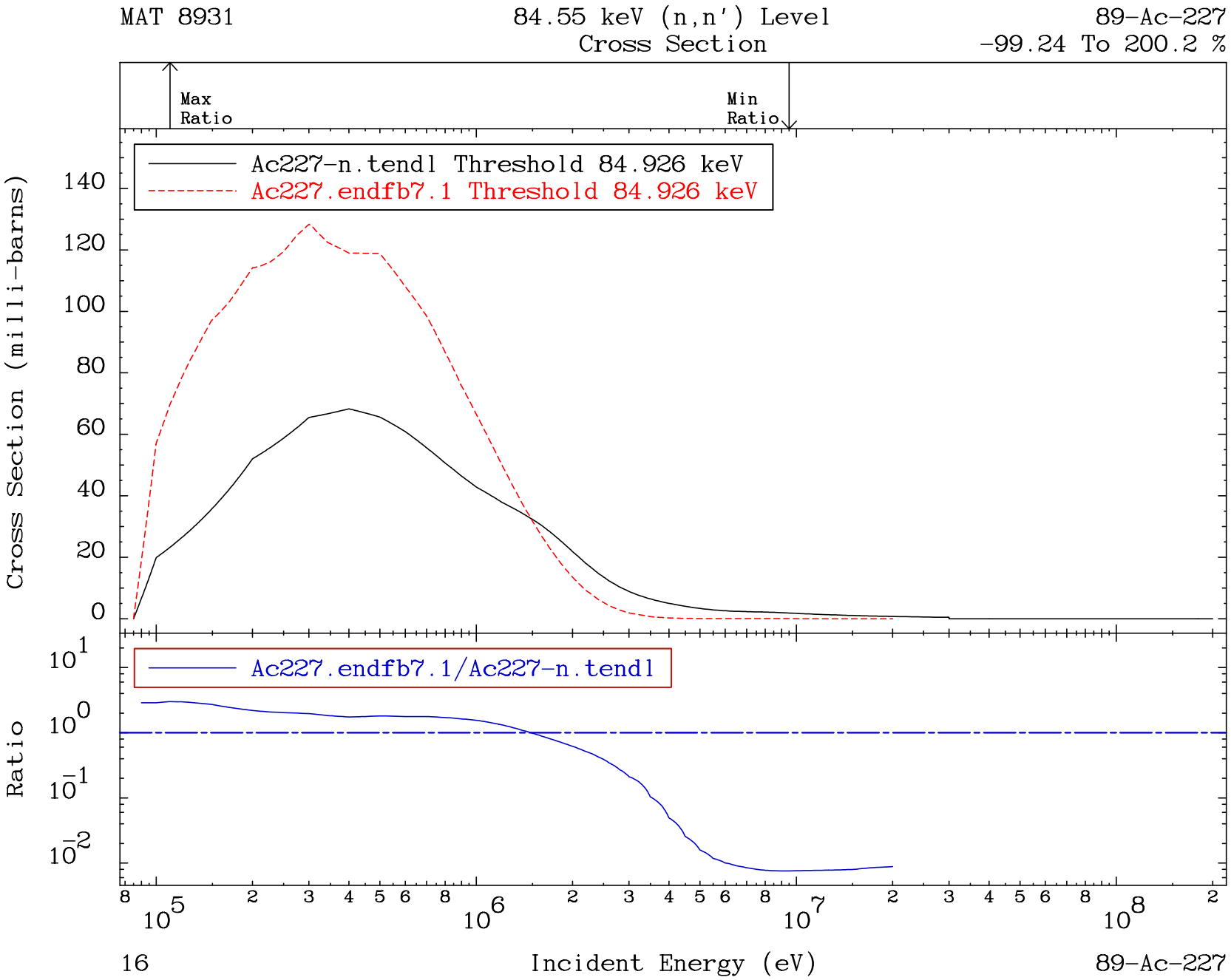

MAT 8931
(n,3nf) Fourth Chance
Cross Section
89-Ac-227
7720. To 9999. %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 15.000 MeV
Ac227.endfb7.1 Threshold 15.500 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^8
10^6
10^4
10^2
2
3
4
5
6
7
8
9
10^8
2
11
Incident Energy (eV)
89-Ac-227

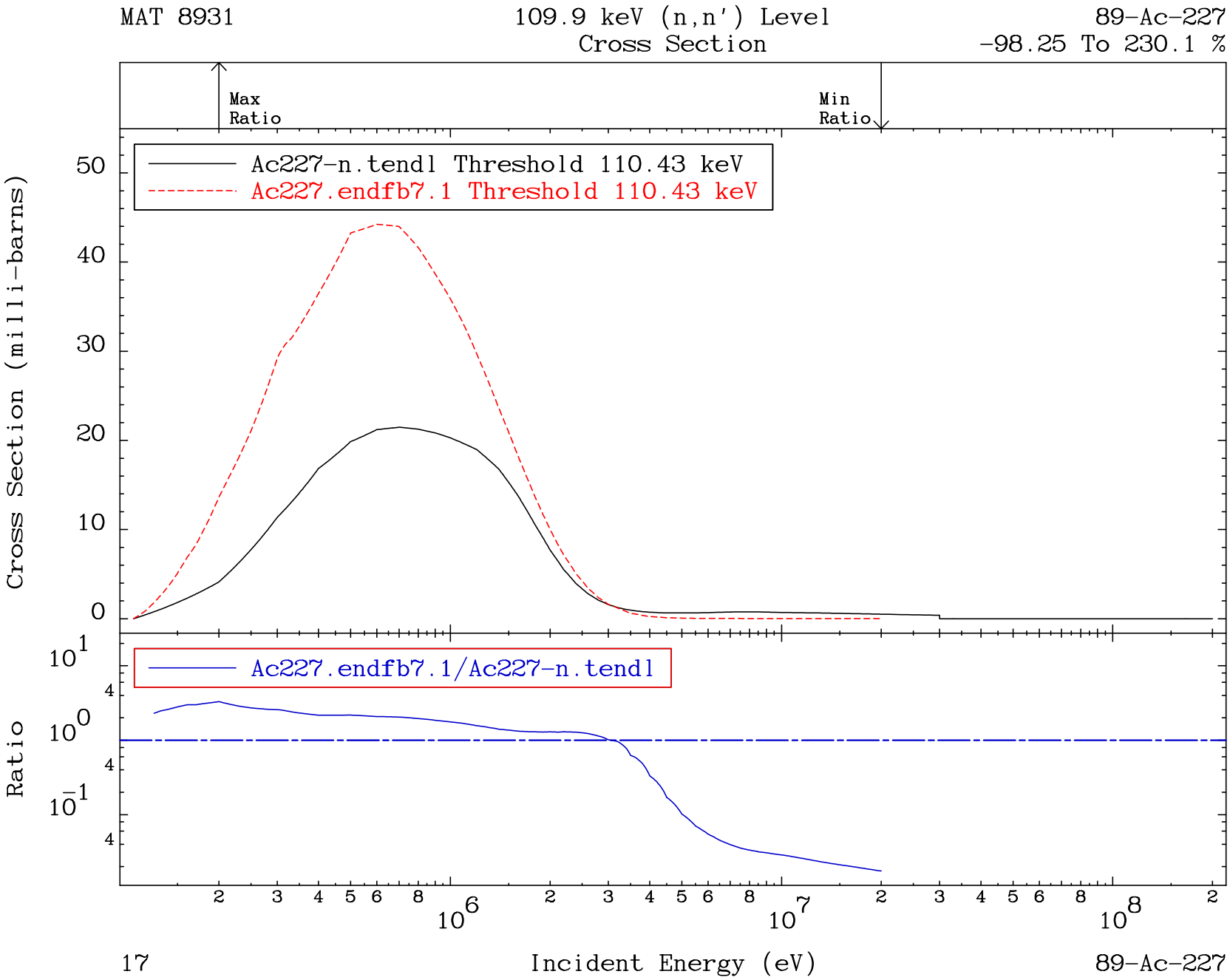

MAT 8931
27.37 keV (n,n') Level
Cross Section
89-Ac-227
-99.39 To 357.3 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 27.492 keV
Ac227.endfb7.1 Threshold 27.492 keV
Cross Section (milli-barns)
400
300
200
100
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^1
10^0
10^-1
10^-2
3 4 5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
12
Incident Energy (eV)
89-Ac-227

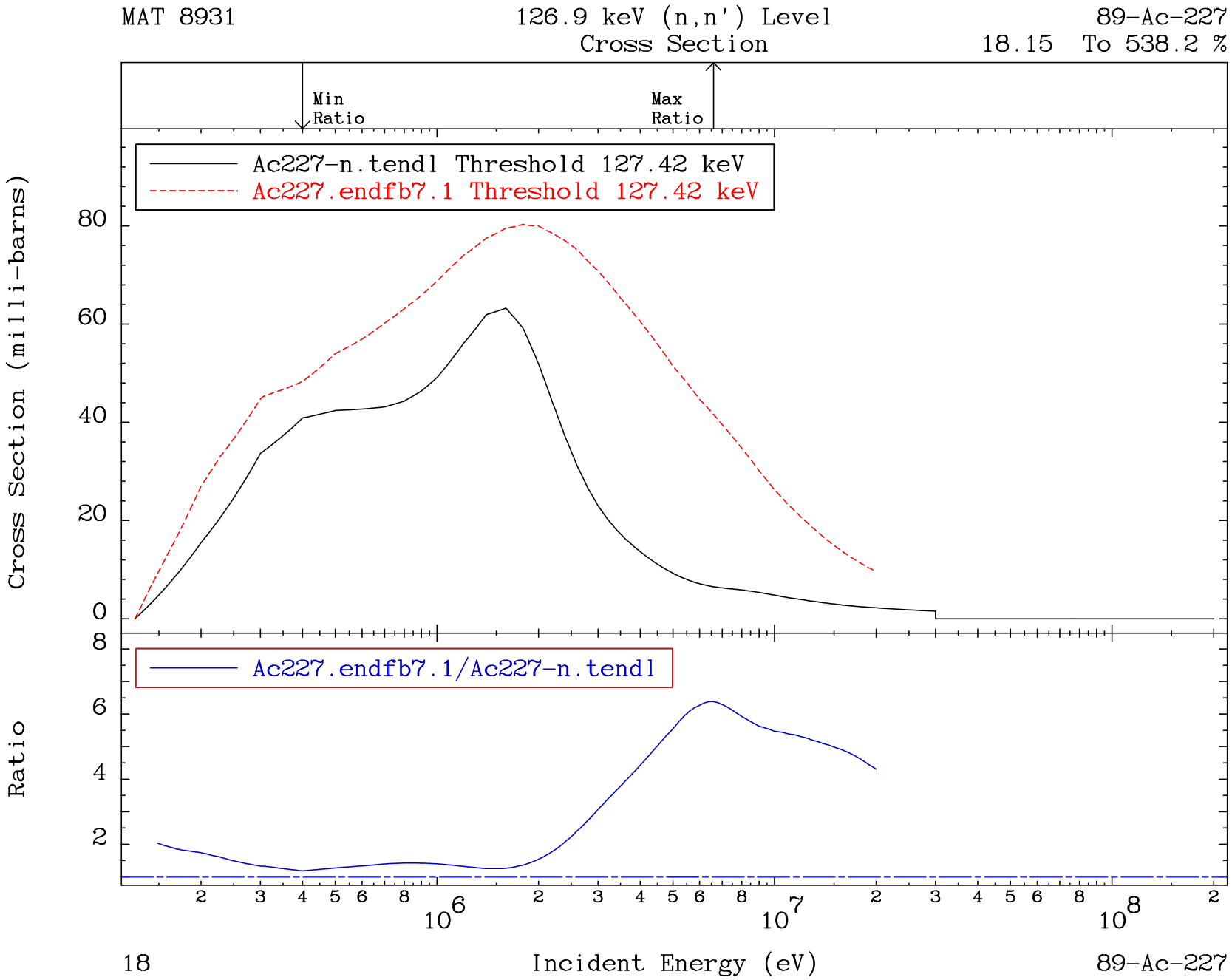

MAT 8931
29.98 keV (n,n') Level
Cross Section
89-Ac-227
60.15 To 9999. %
Min Ratio
Max Ratio
Ac227-n.tendl Threshold 30.113 keV
Ac227.endfb7.1 Threshold 30.113 keV
Cross Section (milli-barns)
500
400
300
200
100
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^3
10^2
10^1
10^0
10^5
10^6
10^7
10^8
13
Incident Energy (eV)
89-Ac-227

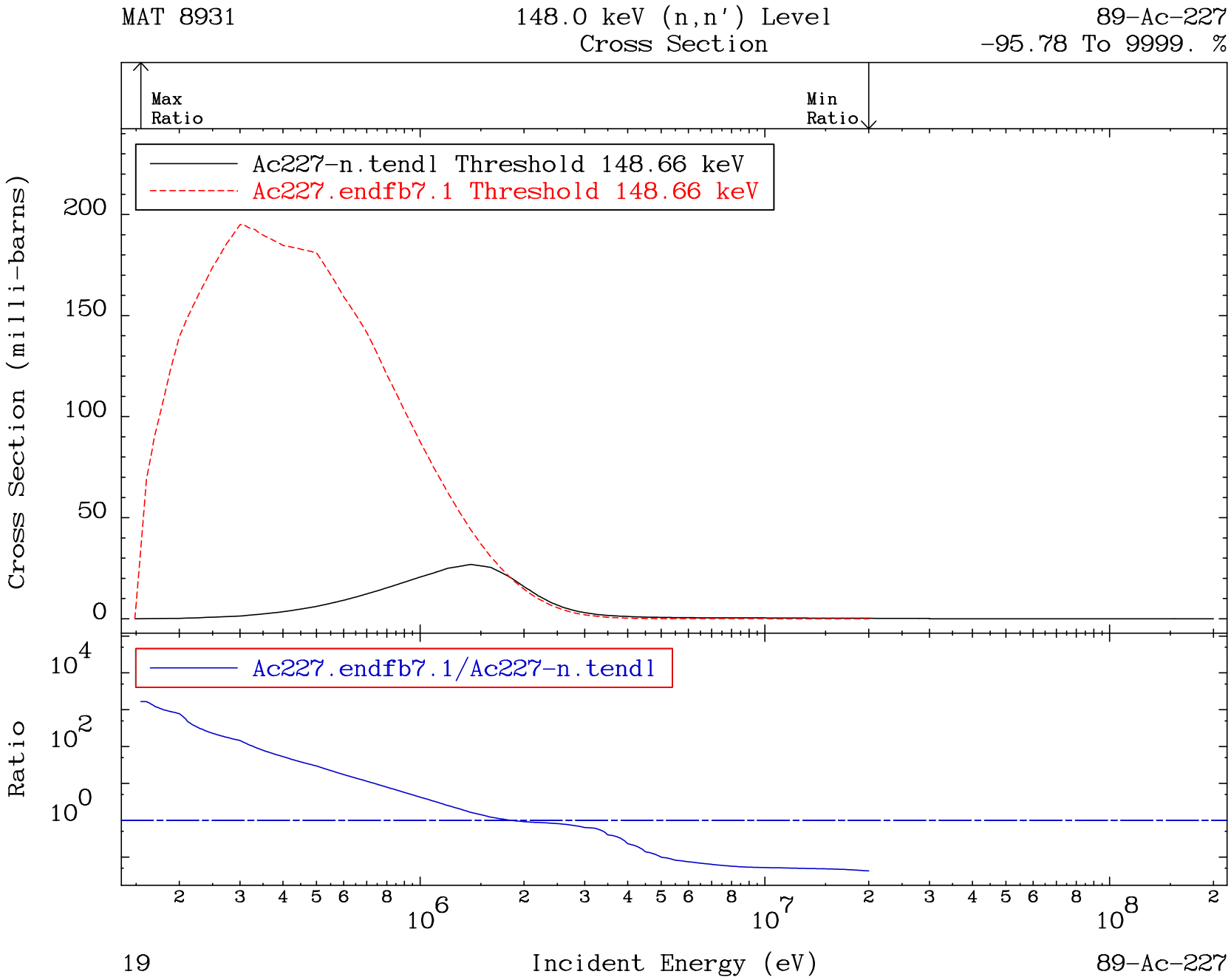

MAT 8931
46.35 keV (n,n') Level
Cross Section
89-Ac-227
-99.25 To 648.9 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 46.556 keV
Ac227.endfb7.1 Threshold 46.556 keV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^1
10^0
10^-1
10^-2
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
14
Incident Energy (eV)
89-Ac-227

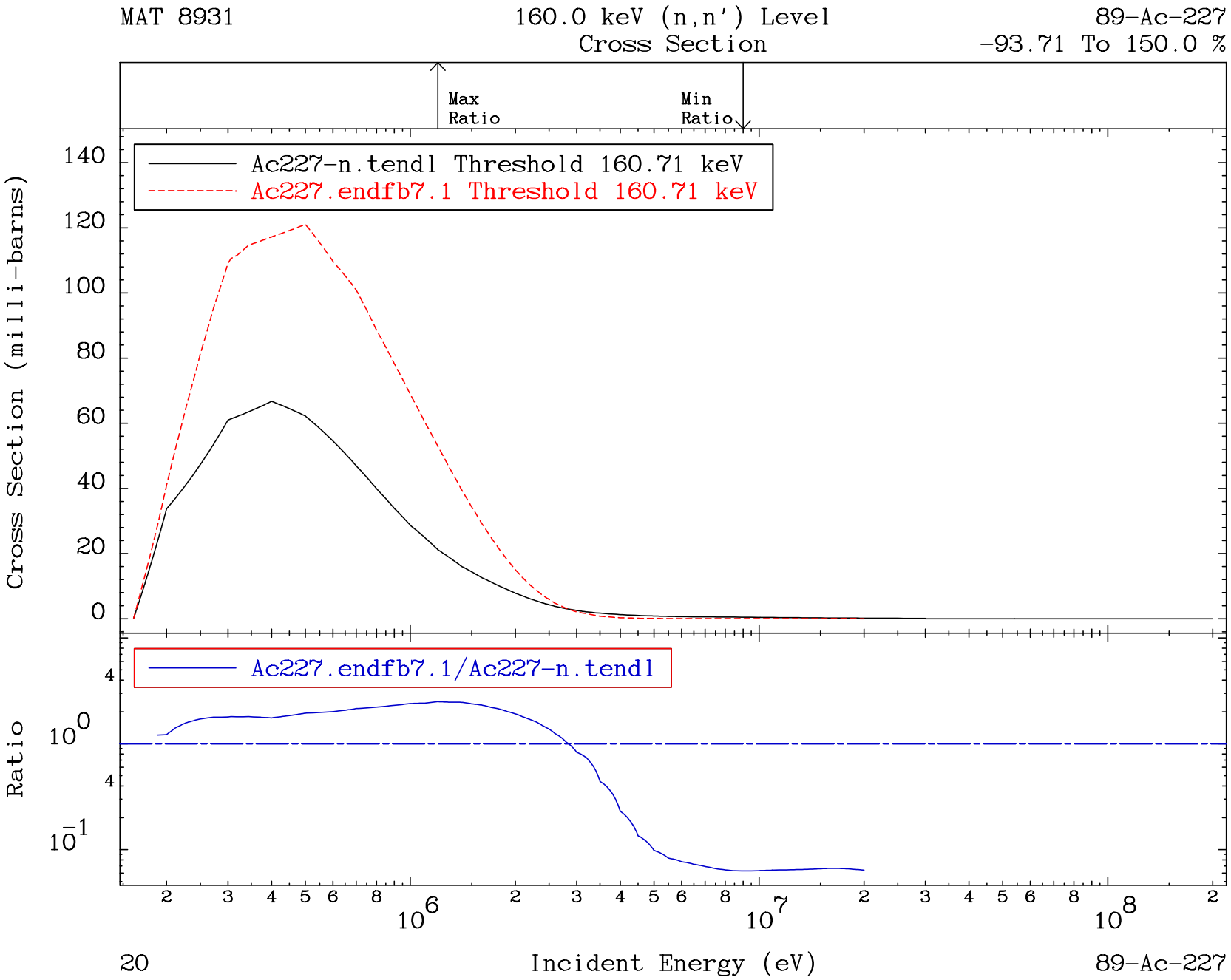

MAT 8931
74.14 keV (n,n') Level
Cross Section
89-Ac-227
39.45 To 9999. %
Min Ratio
Max Ratio
Ac227-n.tendl Threshold 74.469 keV
Ac227.endfb7.1 Threshold 74.469 keV
Cross Section (milli-barns)
200
150
100
50
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^2
10^1
10^0
8 2 3 4 5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
15
Incident Energy (eV)
89-Ac-227

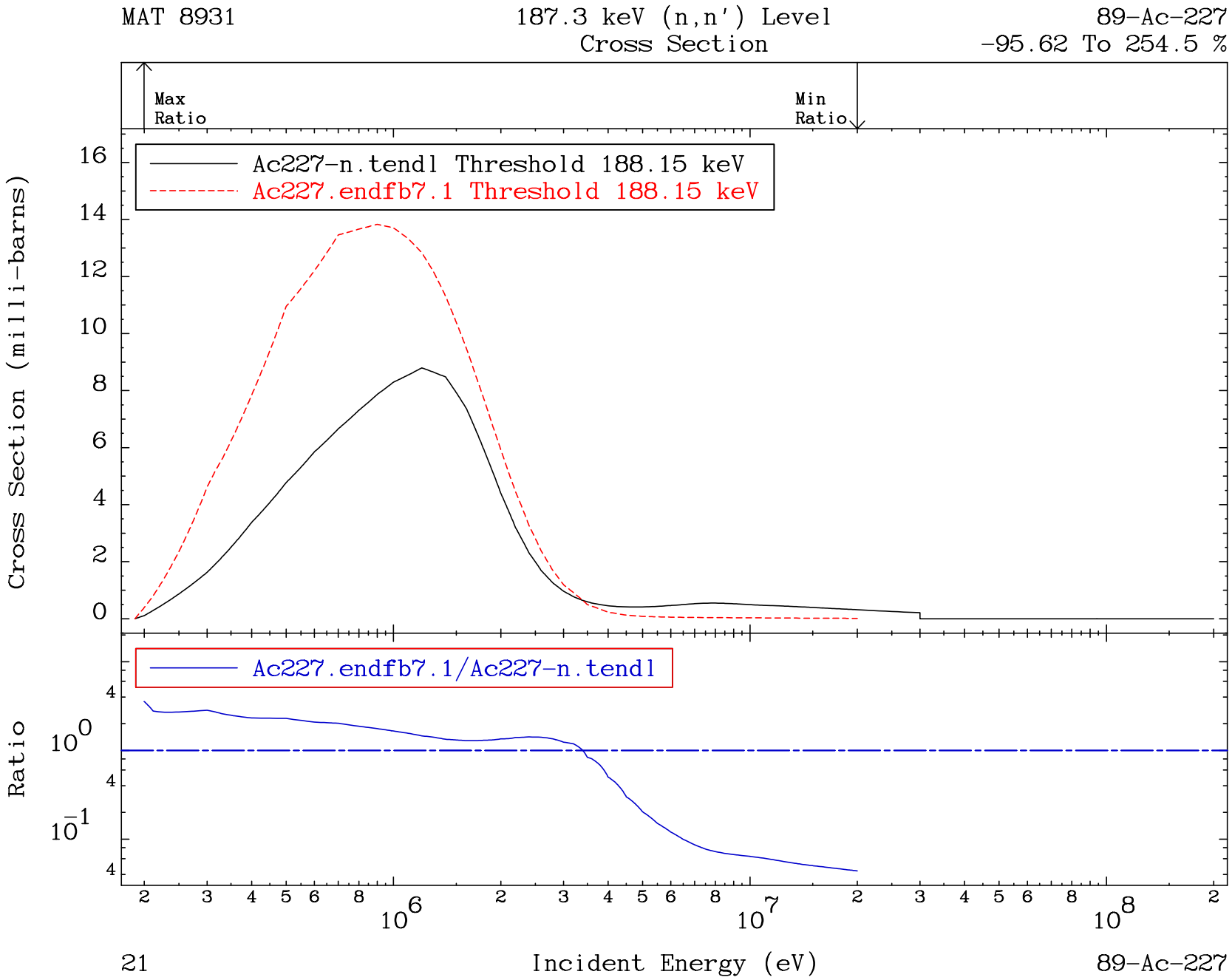

MAT 8931
84.55 keV (n,n') Level
Cross Section
89-Ac-227
-99.24 To 200.2 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 84.926 keV
Ac227.endfb7.1 Threshold 84.926 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^1
10^0
10^-1
10^-2
8
10^5
2
3
4
5
6
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
16
Incident Energy (eV)
89-Ac-227

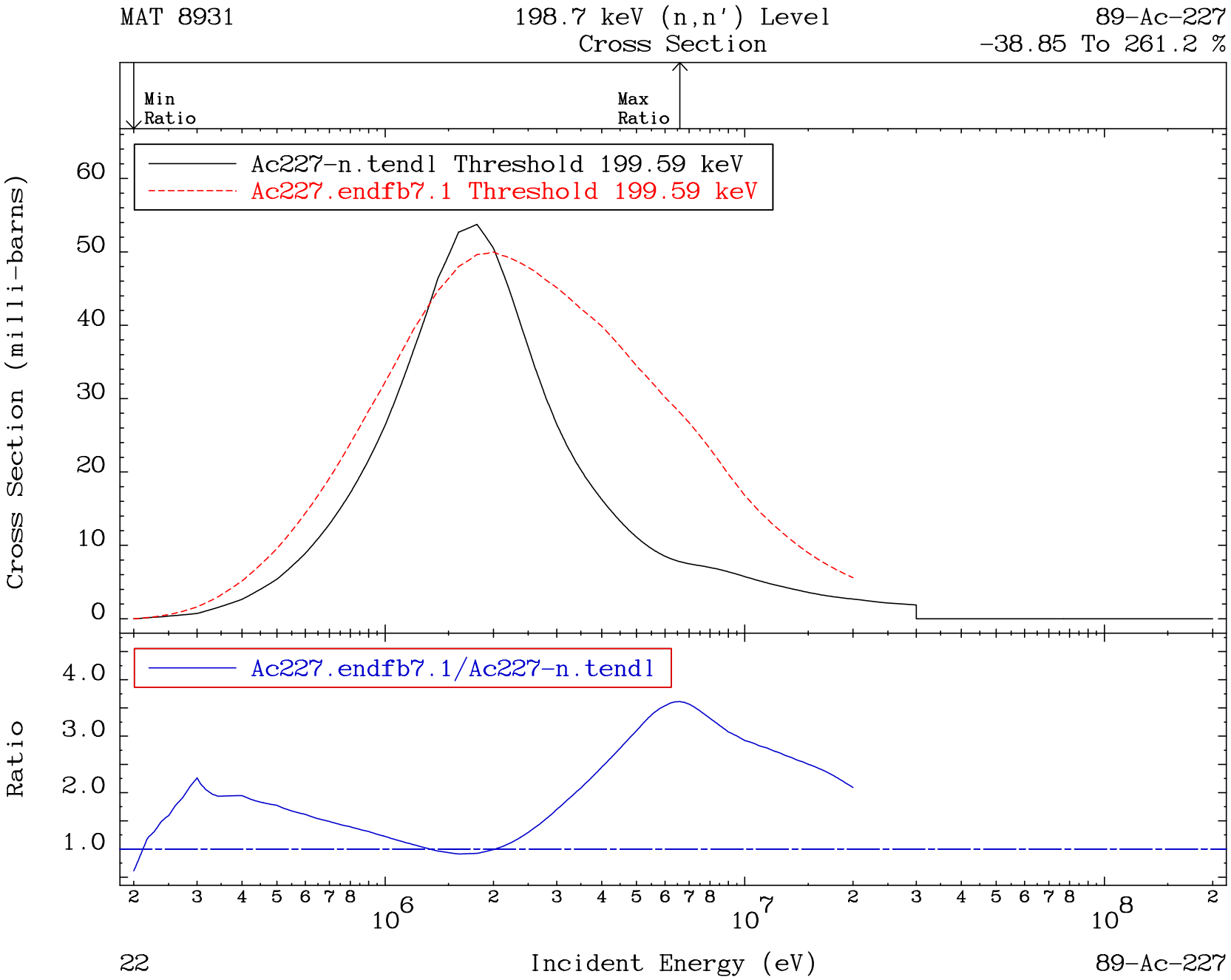

MAT 8931
109.9 keV (n,n') Level
Cross Section
89-Ac-227
-98.25 To 230.1 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 110.43 keV
Ac227.endfb7.1 Threshold 110.43 keV
Cross Section (milli-barns)
50
40
30
20
10
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^1
10^0
10^{-1}
10^6
10^7
10^8
Incident Energy (eV)
17
89-Ac-227

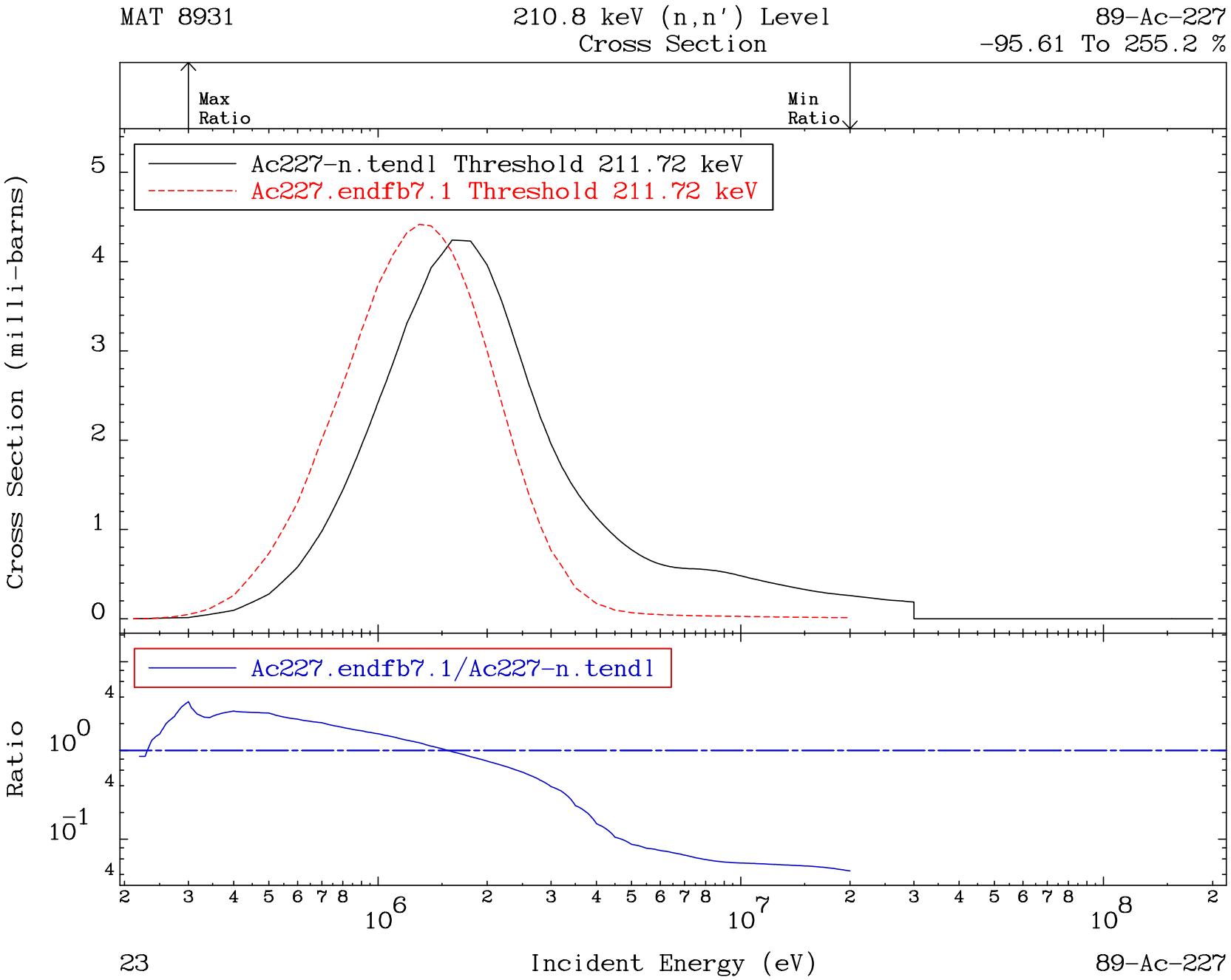

MAT 8931
126.9 keV (n,n') Level
Cross Section
89-Ac-227
18.15 To 538.2 %
Min Ratio
Max Ratio
Ac227-n.tendl Threshold 127.42 keV
Ac227.endfb7.1 Threshold 127.42 keV
Cross Section (milli-barns)
0
20
40
60
80
Ac227.endfb7.1/Ac227-n.tendl
Ratio
2
4
6
8
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
18
Incident Energy (eV)
89-Ac-227

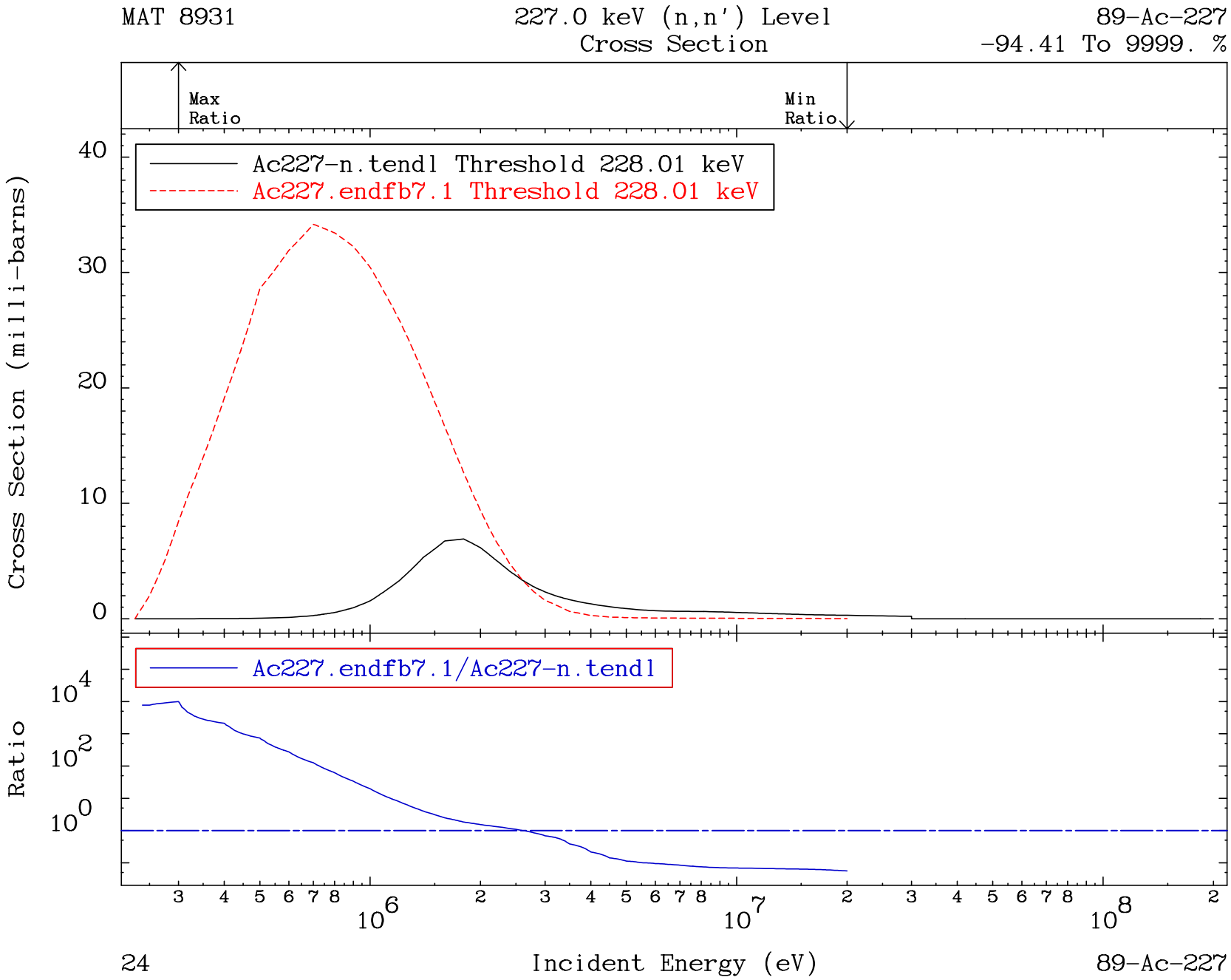

MAT 8931
148.0 keV (n,n') Level
Cross Section
89-Ac-227
-95.78 To 9999. %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 148.66 keV
Ac227.endfb7.1 Threshold 148.66 keV
Cross Section (milli-barns)
200
150
100
50
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^4
10^2
10^0
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
19
Incident Energy (eV)
89-Ac-227

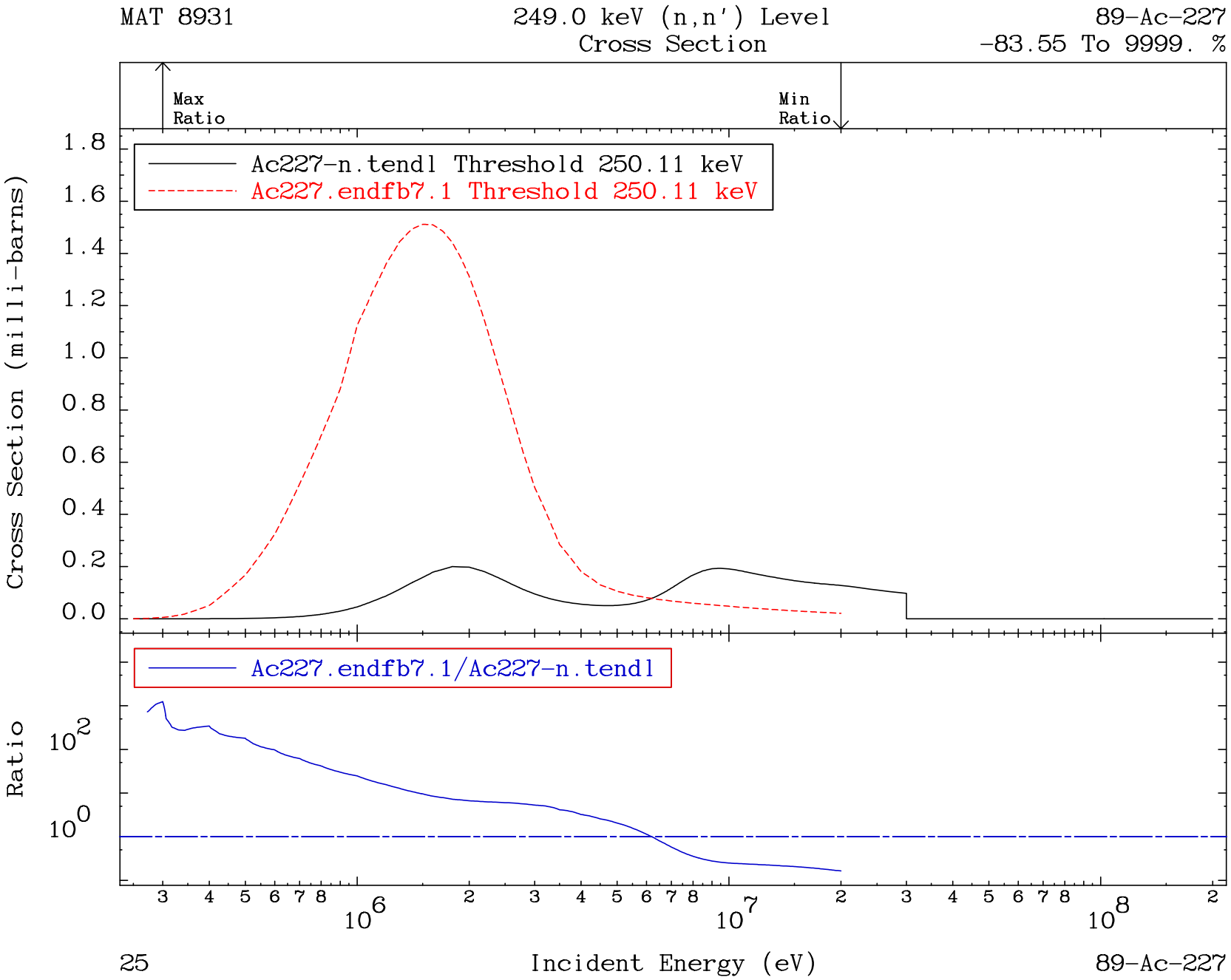

MAT 8931
160.0 keV (n,n') Level
Cross Section
89-Ac-227
-93.71 To 150.0 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 160.71 keV
Ac227.endfb7.1 Threshold 160.71 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
4
10^0
4
10^{-1}
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
20
Incident Energy (eV)
89-Ac-227

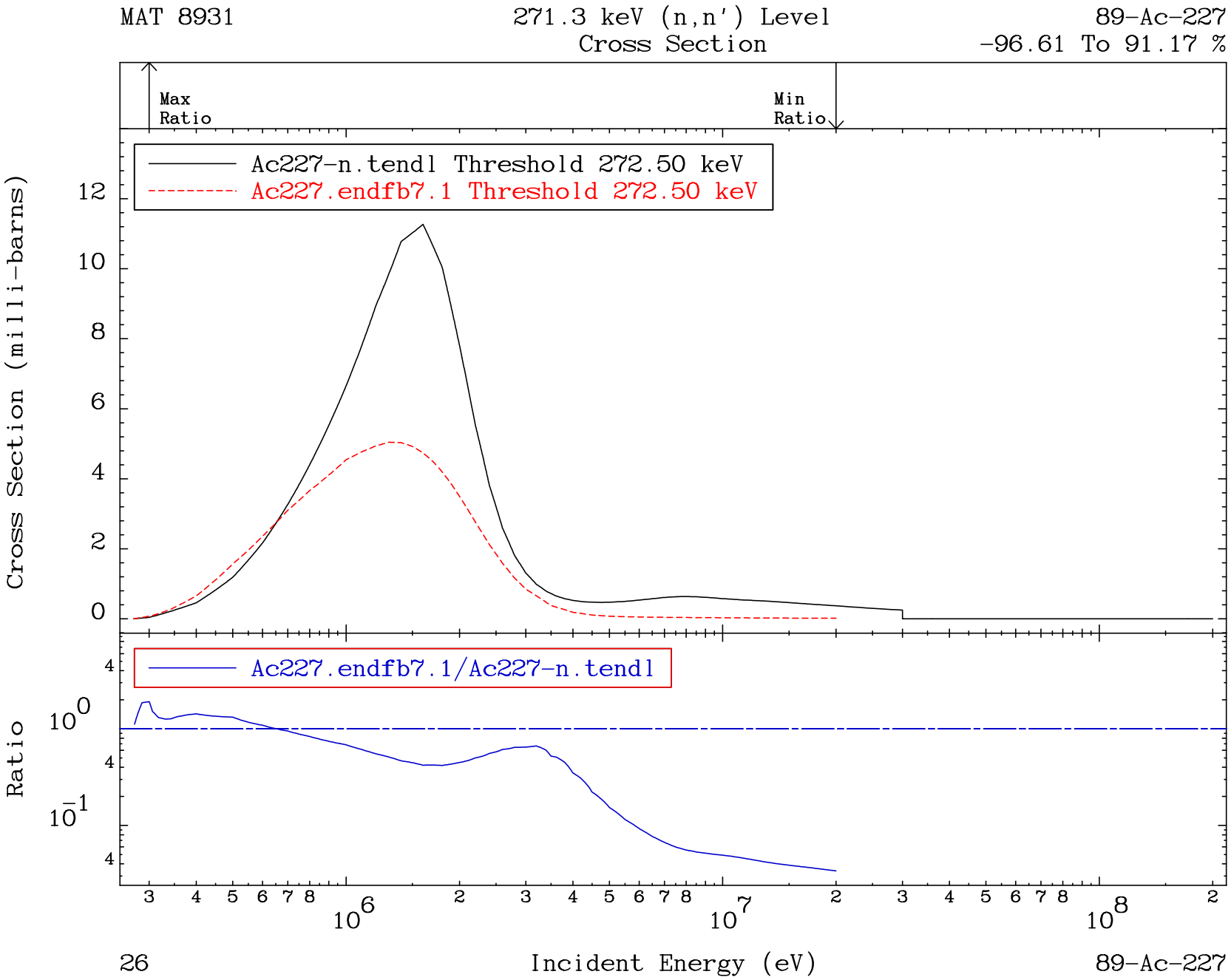

MAT 8931
187.3 keV (n,n') Level
Cross Section
89-Ac-227
-95.62 To 254.5 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 188.15 keV
Ac227.endfb7.1 Threshold 188.15 keV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^0
10^-1
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
21
Incident Energy (eV)
89-Ac-227

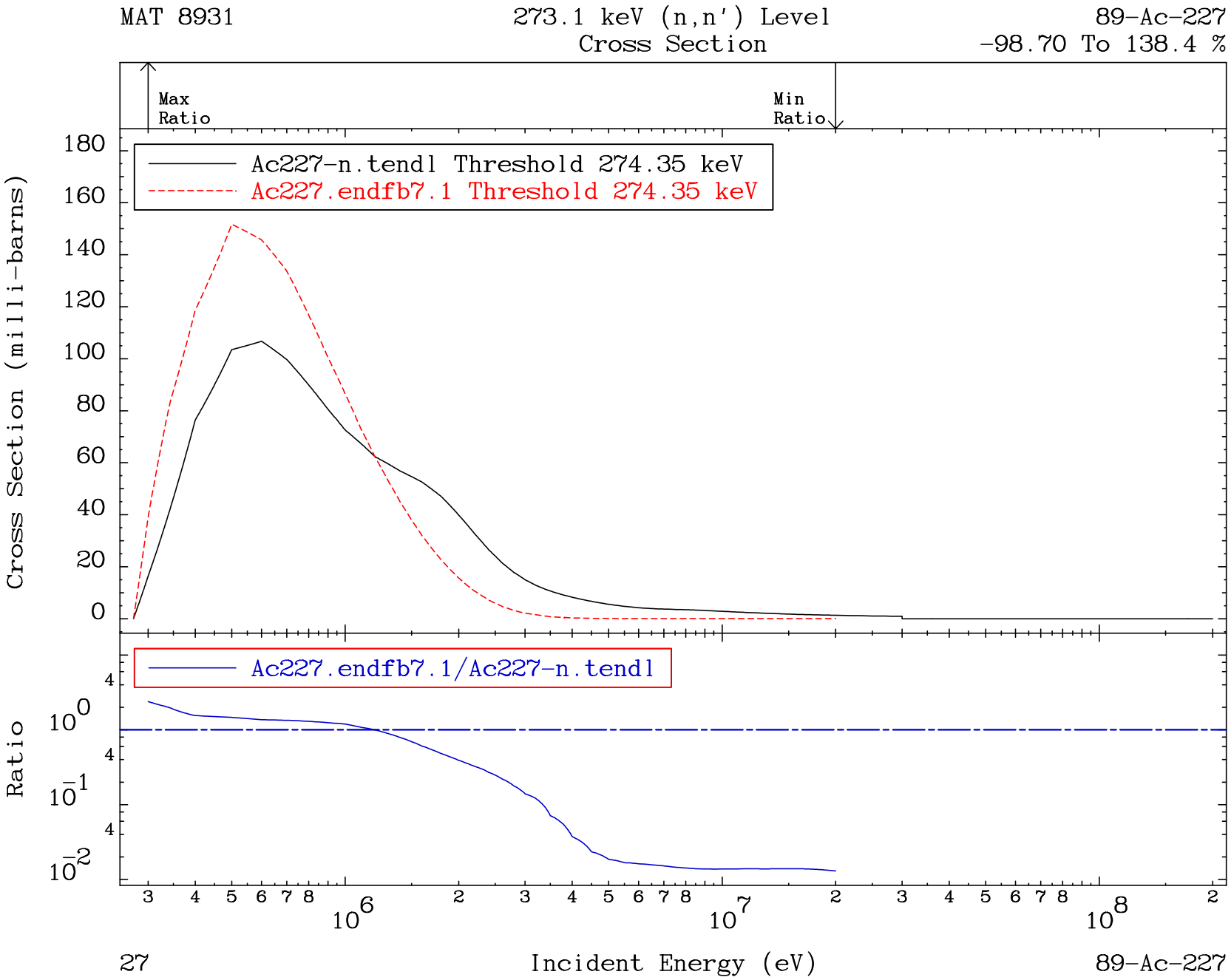

MAT 8931
198.7 keV (n,n') Level
Cross Section
89-Ac-227
-38.85 To 261.2 %
Min Ratio
Max Ratio
Ac227-n.tendl Threshold 199.59 keV
Ac227.endfb7.1 Threshold 199.59 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
4.0
3.0
2.0
1.0
2 3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
22
Incident Energy (eV)
89-Ac-227

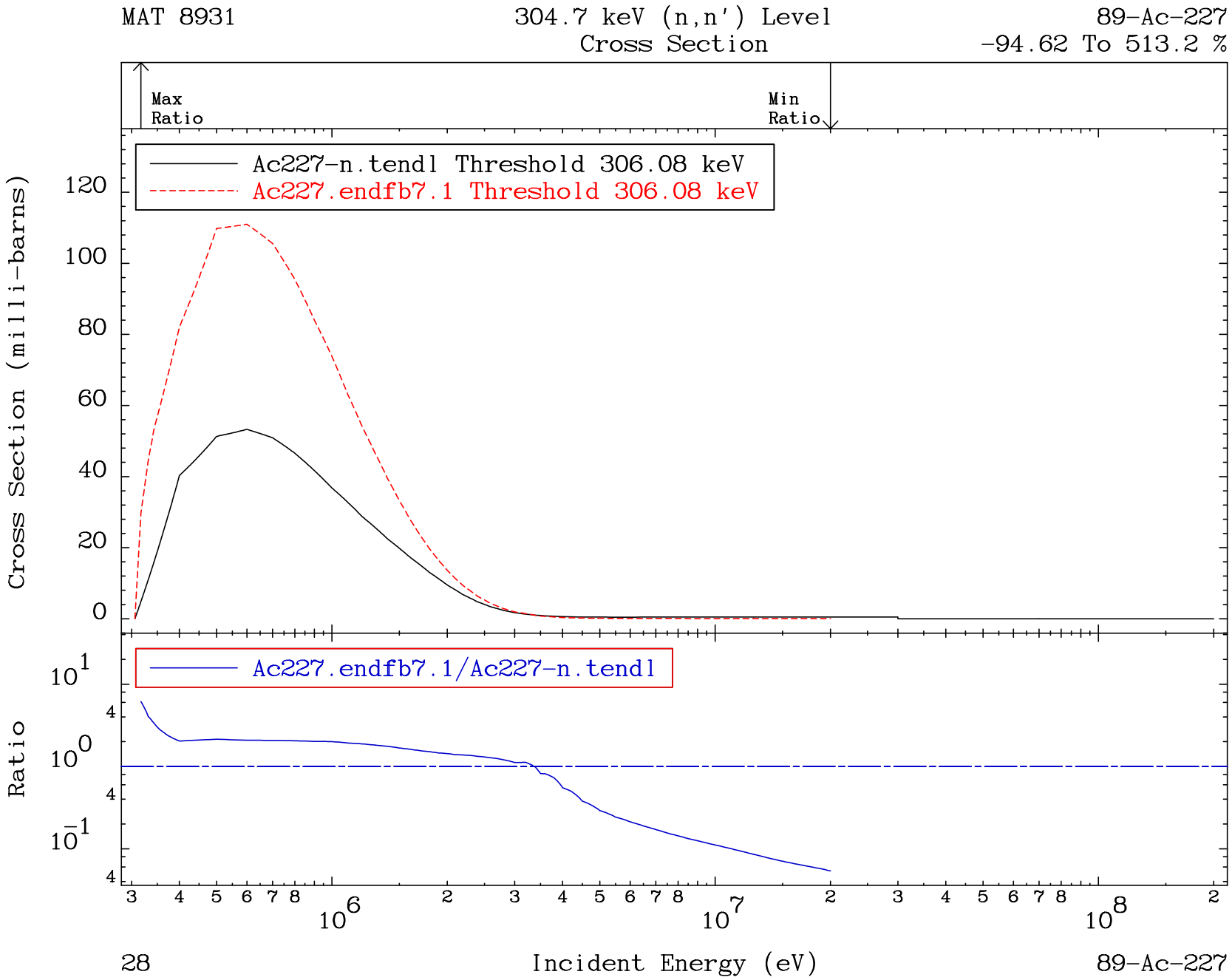

MAT 8931
210.8 keV (n,n') Level
Cross Section
89-Ac-227
-95.61 To 255.2 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 211.72 keV
Ac227.endfb7.1 Threshold 211.72 keV
Cross Section (milli-barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
23
89-Ac-227

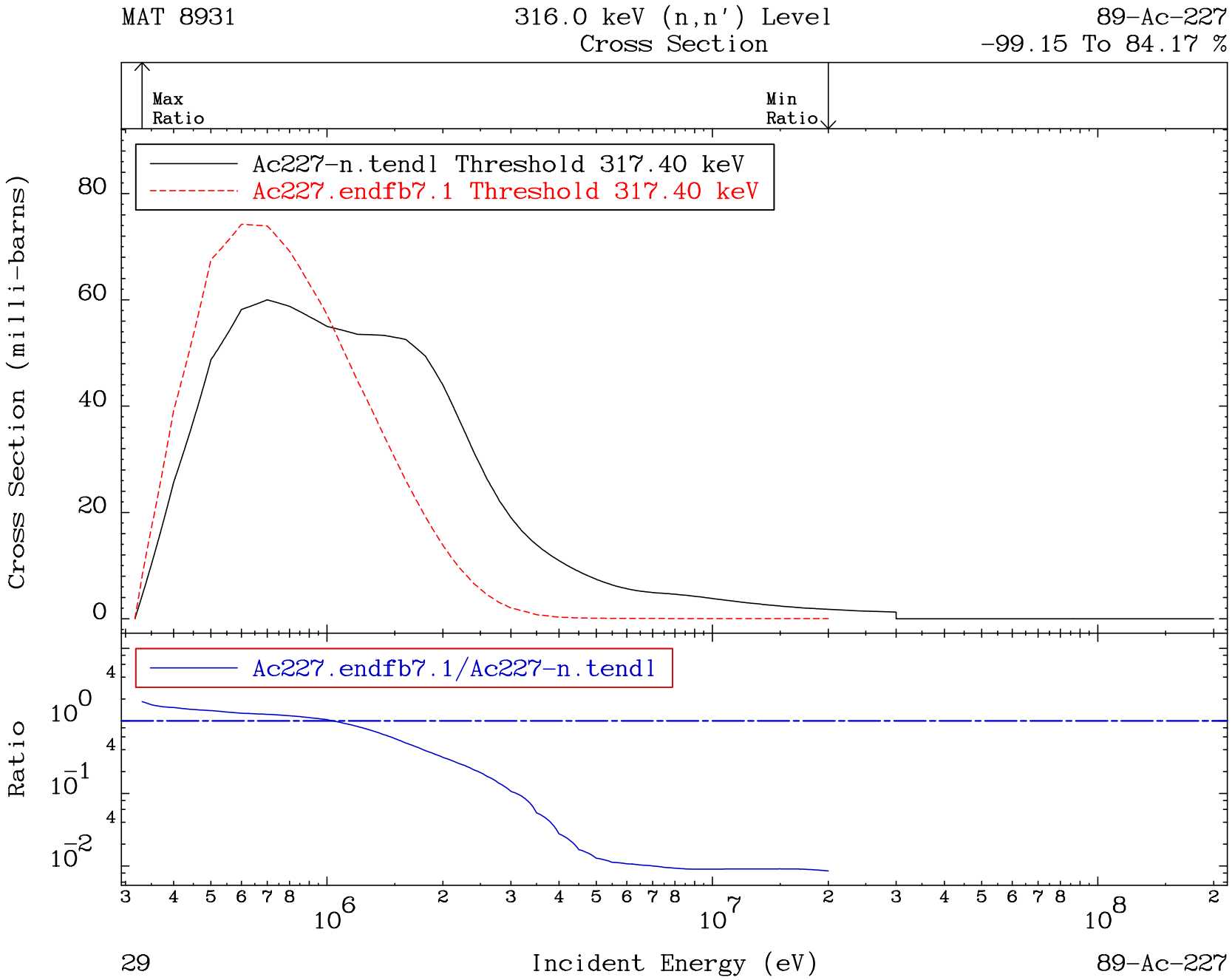

MAT 8931
227.0 keV (n,n') Level
Cross Section
89-Ac-227
-94.41 To 9999. %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 228.01 keV
Ac227.endfb7.1 Threshold 228.01 keV
Cross Section (milli-barns)
40
30
20
10
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^4
10^2
10^0
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
24
Incident Energy (eV)
89-Ac-227

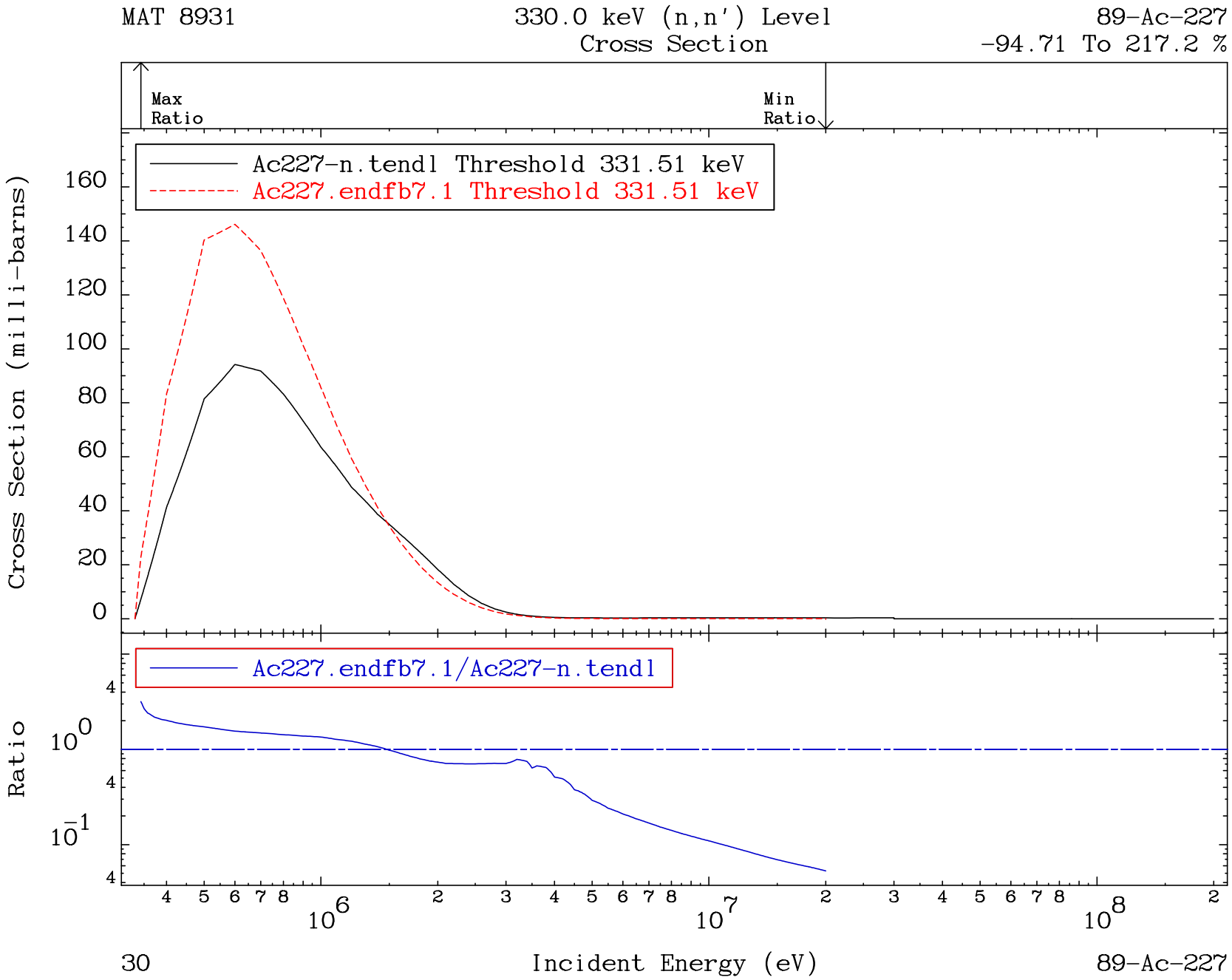

MAT 8931
249.0 keV (n,n') Level
Cross Section
89-Ac-227
-83.55 To 9999. %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 250.11 keV
Ac227.endfb7.1 Threshold 250.11 keV
Cross Section (milli-barns)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^2
10^0
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
25
Incident Energy (eV)
89-Ac-227

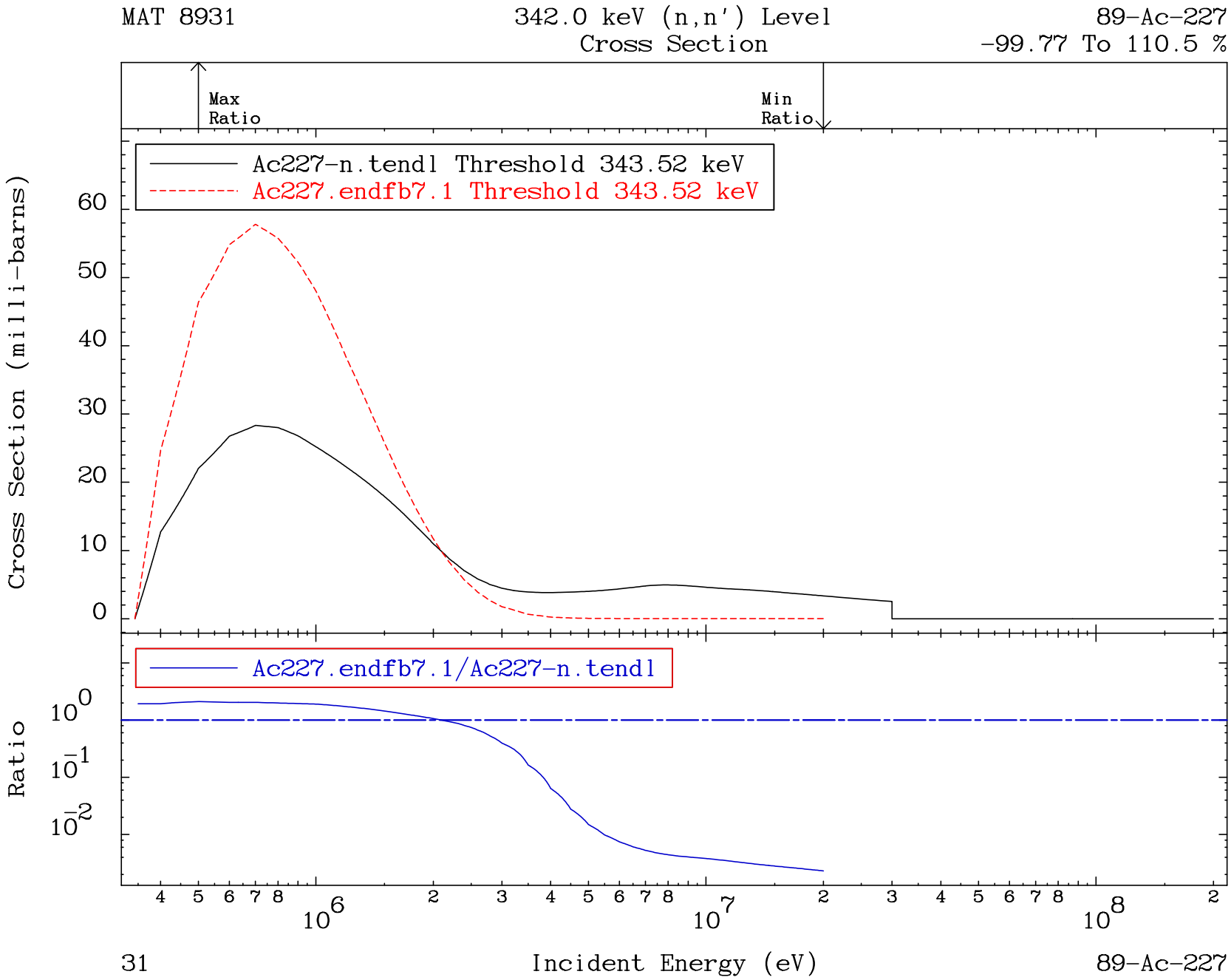

MAT 8931
271.3 keV (n,n') Level
Cross Section
89-Ac-227
-96.61 To 91.17 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 272.50 keV
Ac227.endfb7.1 Threshold 272.50 keV
Cross Section (milli-barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
26
89-Ac-227

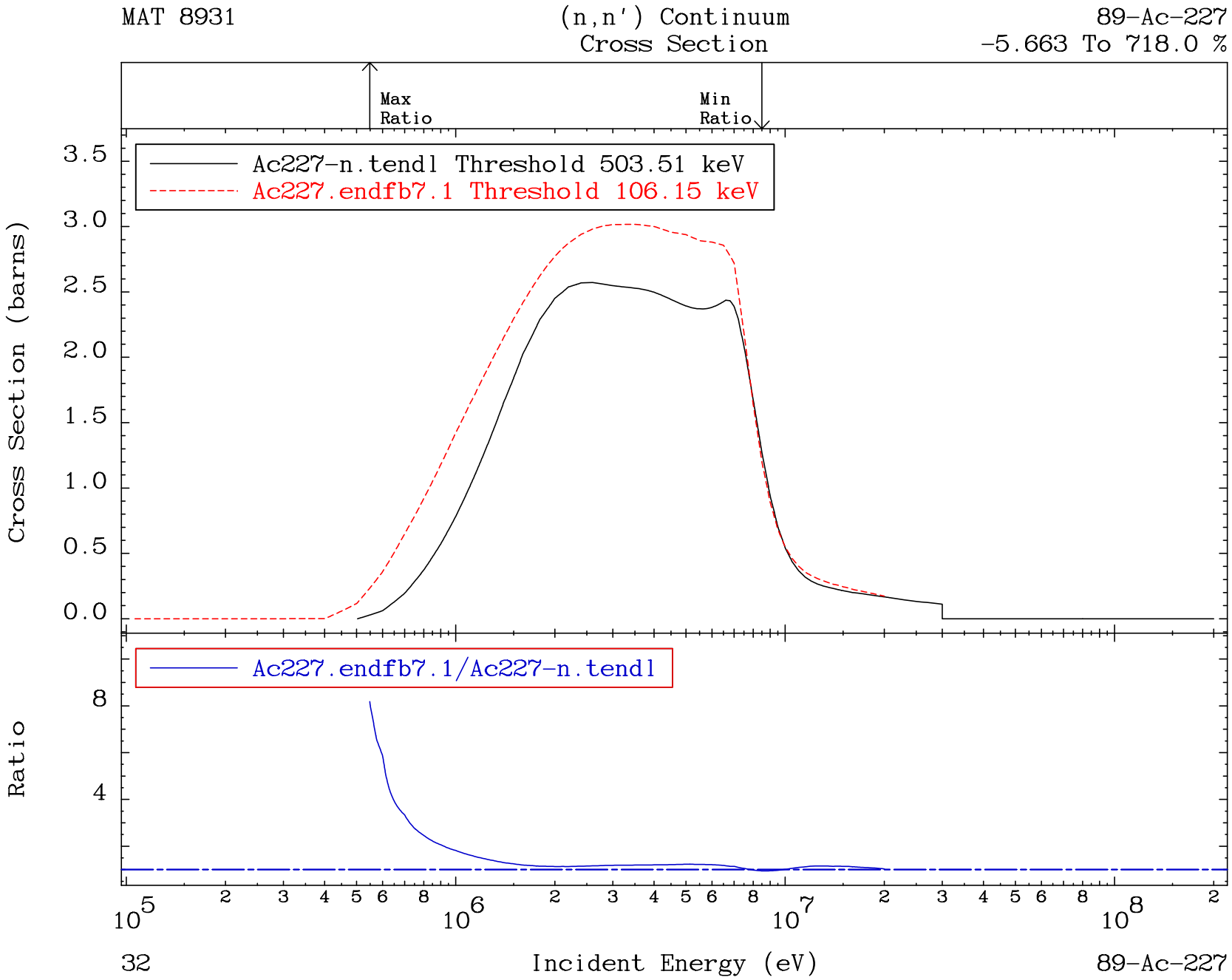

MAT 8931
273.1 keV (n,n') Level
Cross Section
89-Ac-227
-98.70 To 138.4 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 274.35 keV
Ac227.endfb7.1 Threshold 274.35 keV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
4
10^{0}
4
10^{-1}
4
10^{-2}
3 4 5 6 7 8 10^{6} 2 3 4 5 6 7 8 10^{7} 2 3 4 5 6 7 8 10^{8} 2
27
Incident Energy (eV)
89-Ac-227

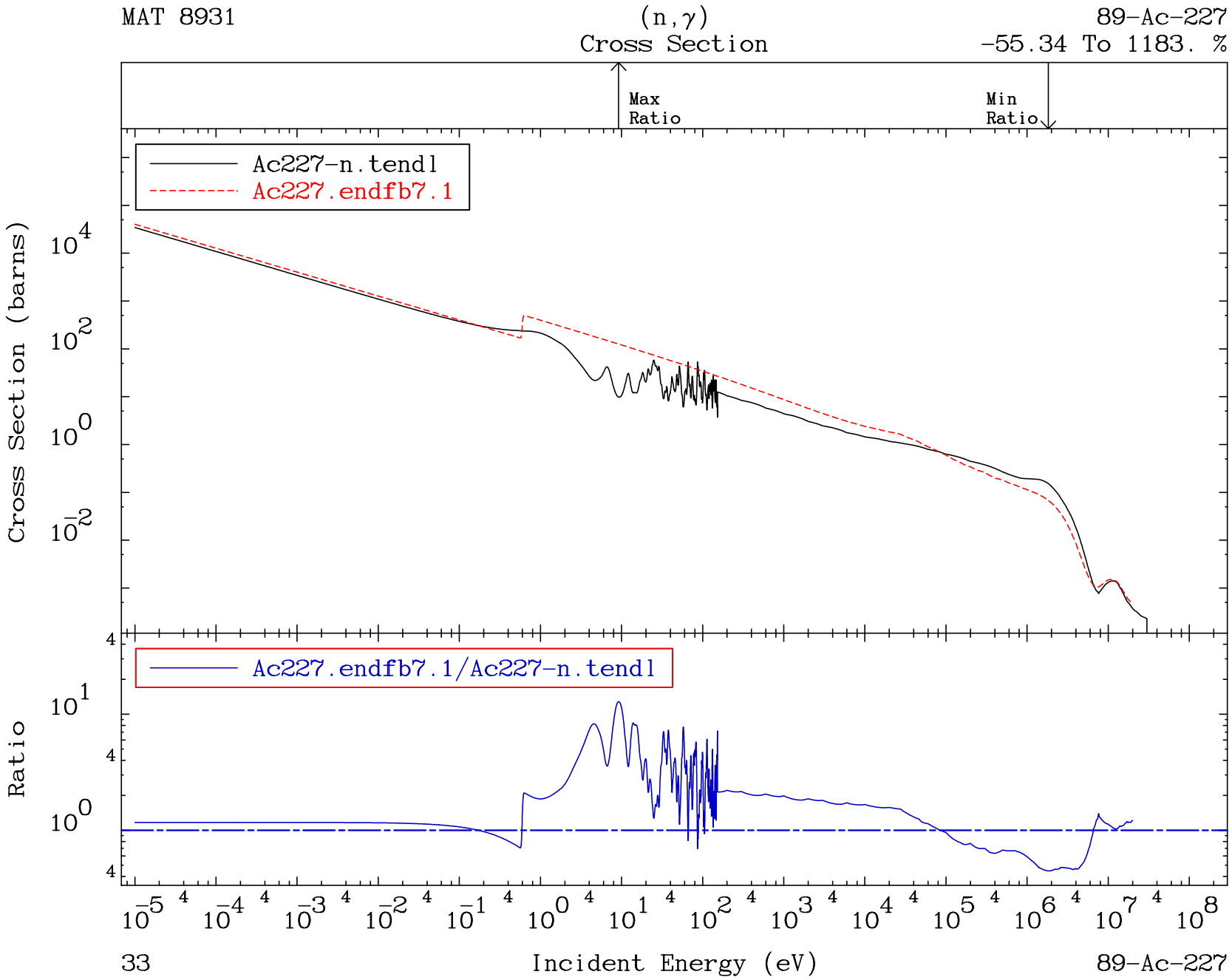

MAT 8931
304.7 keV (n,n') Level
Cross Section
89-Ac-227
-94.62 To 513.2 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 306.08 keV
Ac227.endfb7.1 Threshold 306.08 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^1
10^0
10^-1
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
28
Incident Energy (eV)
89-Ac-227

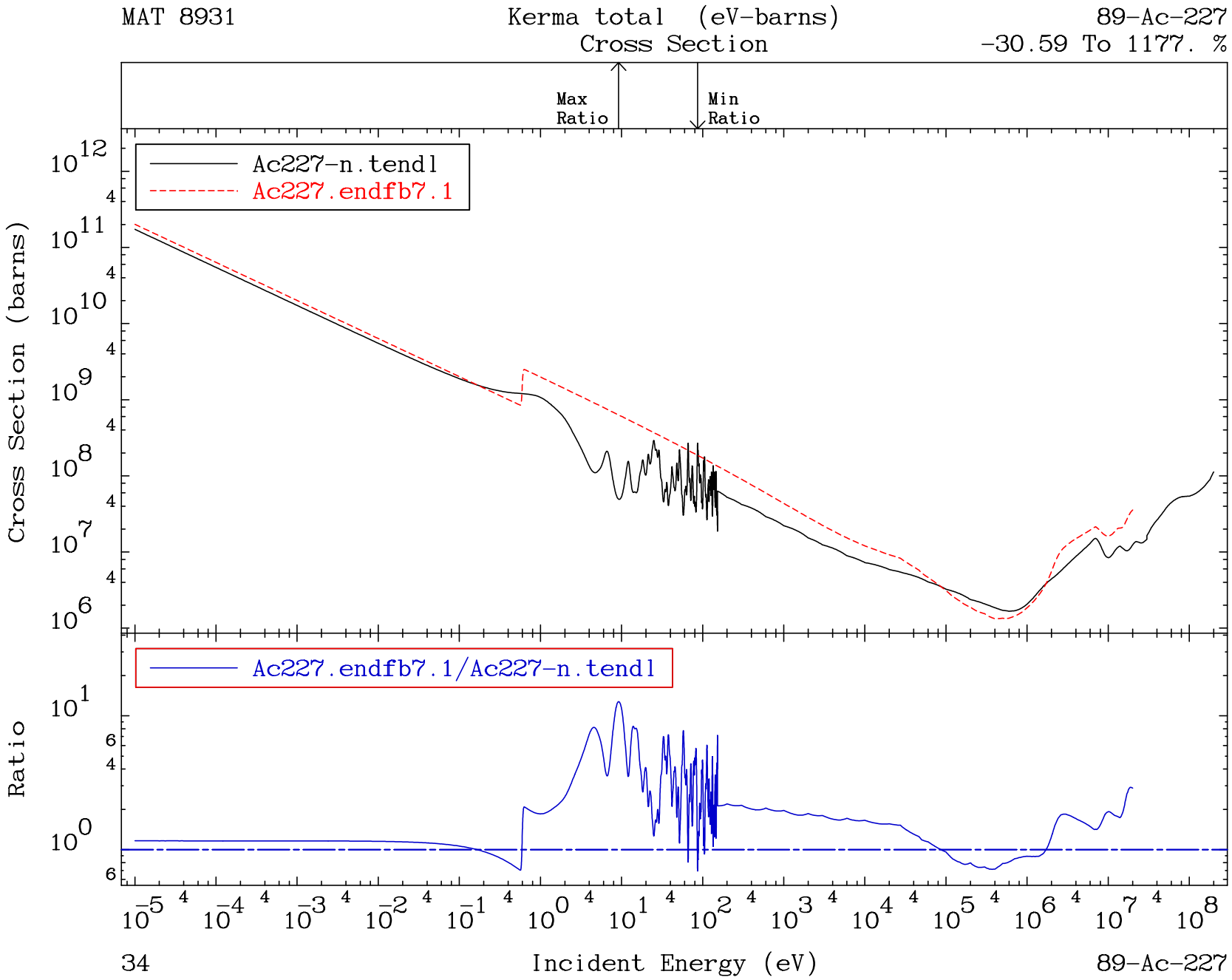

MAT 8931
316.0 keV (n,n') Level
Cross Section
89-Ac-227
-99.15 To 84.17 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 317.40 keV
Ac227.endfb7.1 Threshold 317.40 keV
Cross Section (milli-barns)
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^0
10^-1
10^-2
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
29
Incident Energy (eV)
89-Ac-227

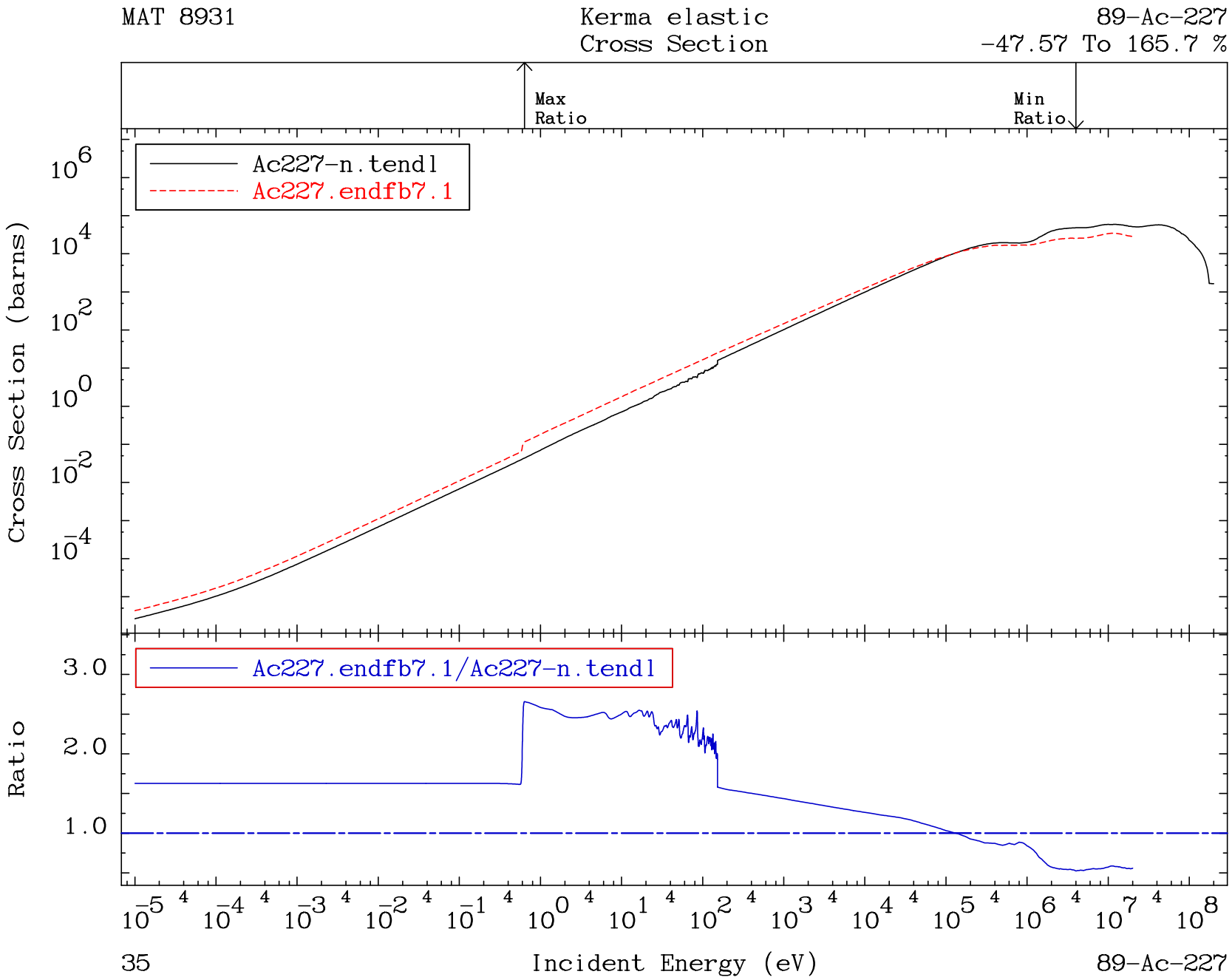

MAT 8931
330.0 keV (n,n') Level
Cross Section
89-Ac-227
-94.71 To 217.2 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 331.51 keV
Ac227.endfb7.1 Threshold 331.51 keV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^0
10^-1
4
10^6
10^7
10^8
30
Incident Energy (eV)
89-Ac-227

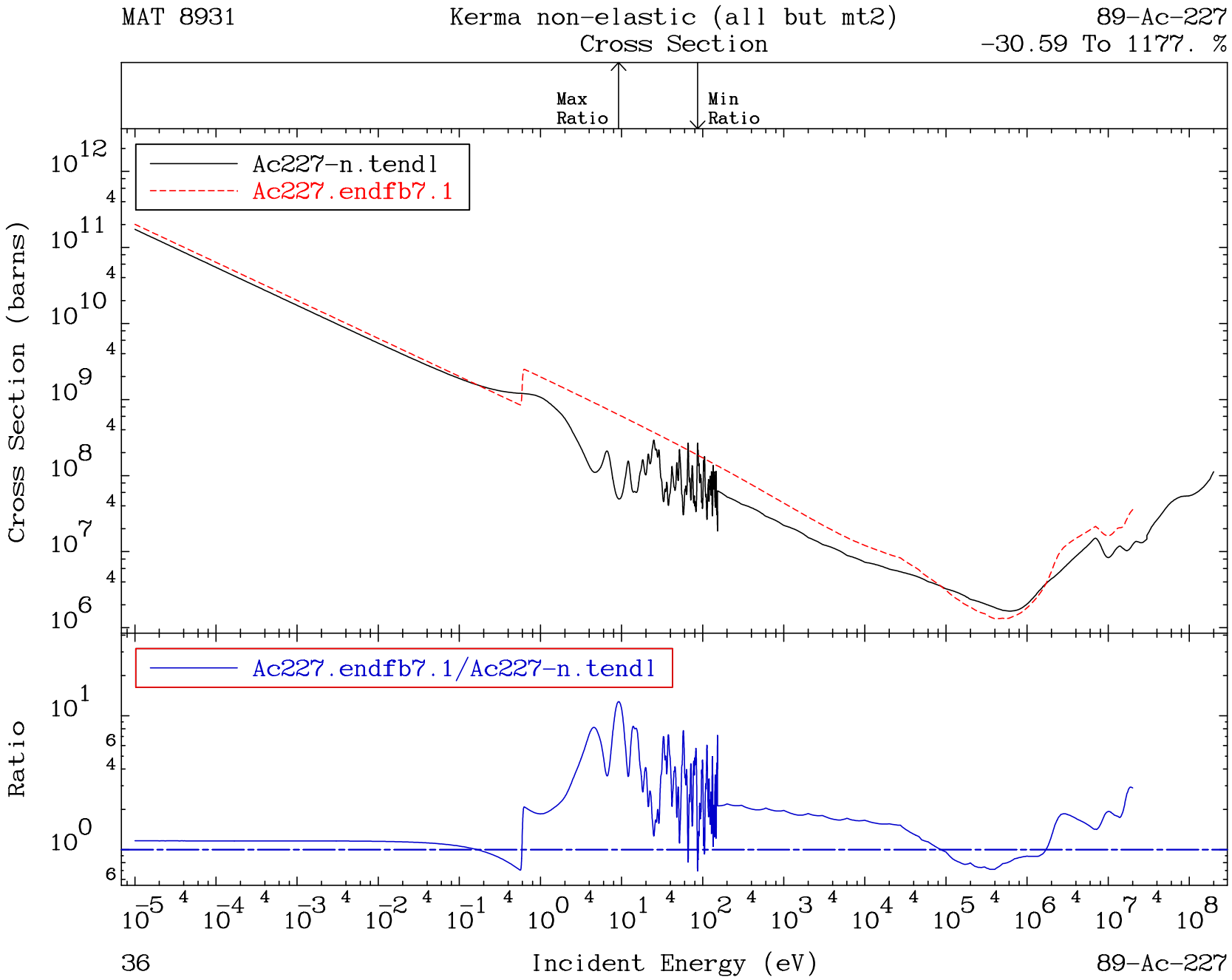

MAT 8931
342.0 keV (n,n') Level
Cross Section
89-Ac-227
-99.77 To 110.5 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 343.52 keV
Ac227.endfb7.1 Threshold 343.52 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
10^0
10^-1
10^-2
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
31
Incident Energy (eV)
89-Ac-227

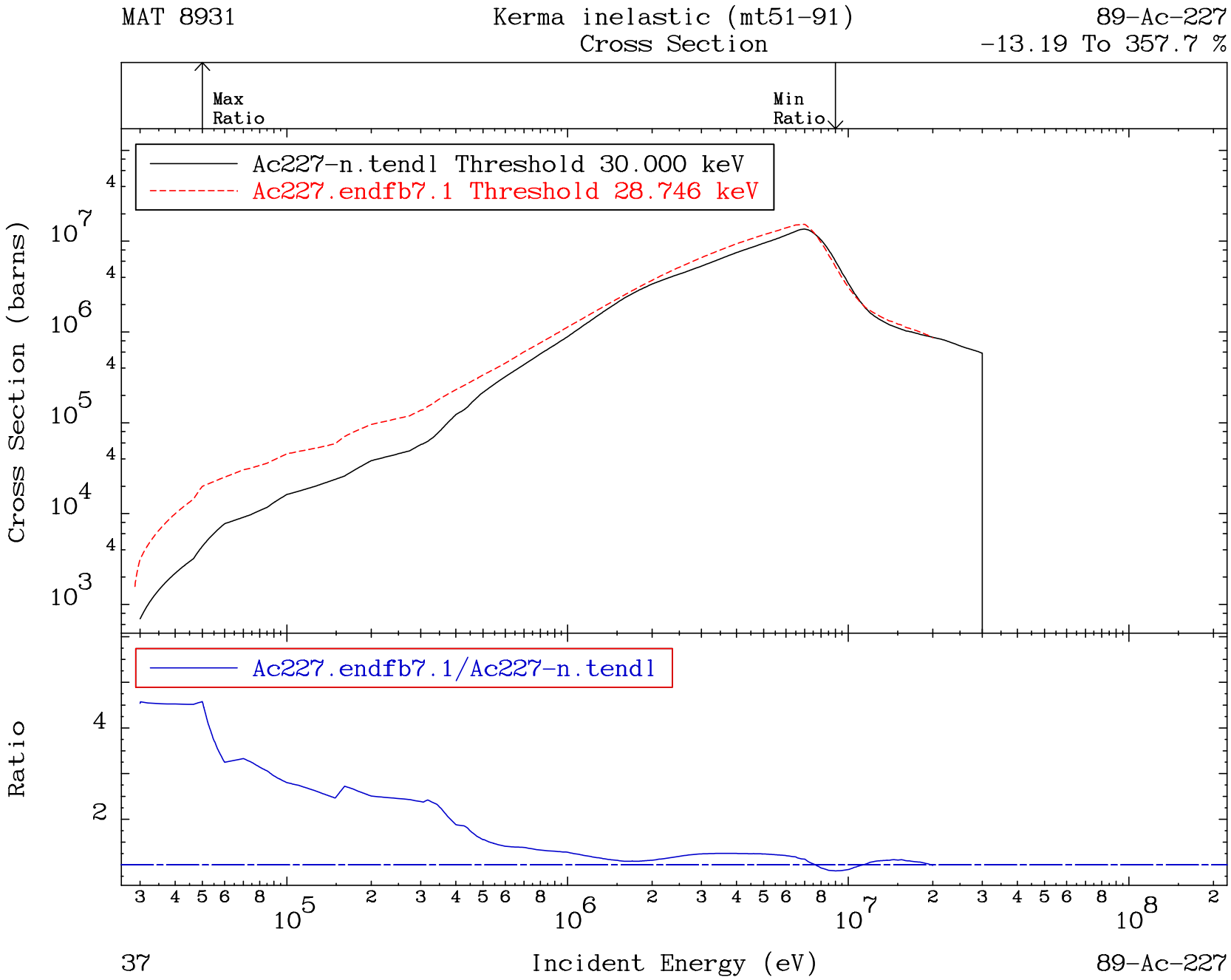

MAT 8931
(n,n') Continuum
Cross Section
89-Ac-227
-5.663 To 718.0 %
Max
Ratio
Min
Ratio
Ac227-n.tendl Threshold 503.51 keV
Ac227.endfb7.1 Threshold 106.15 keV
Cross Section (barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Ac227.endfb7.1/Ac227-n.tendl
Ratio
8
4
10^5
2
3
4
5
6
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
32
Incident Energy (eV)
89-Ac-227

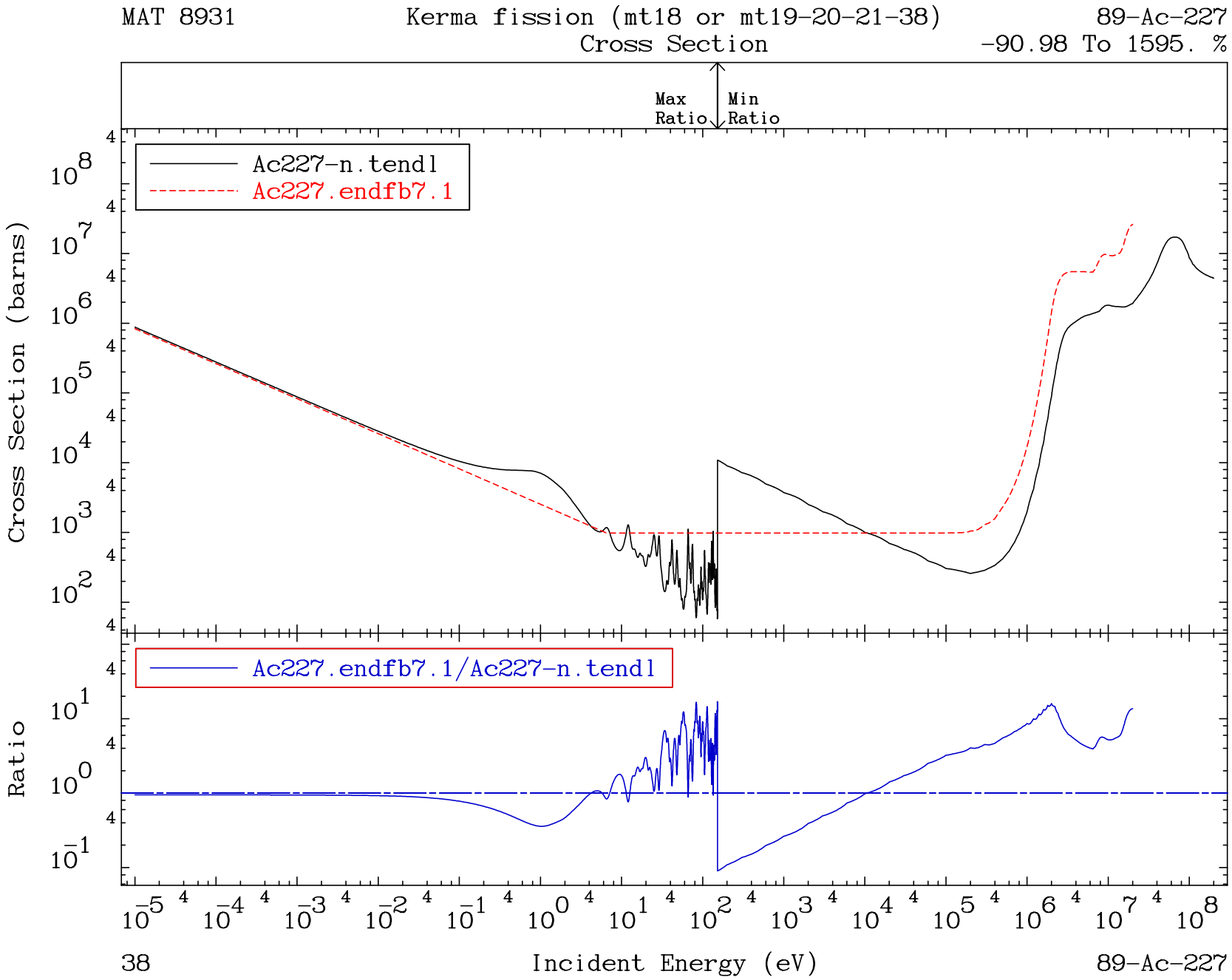

MAT 8931
(n,γ)
Cross Section
89-Ac-227
-55.34 To 1183. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
33
89-Ac-227

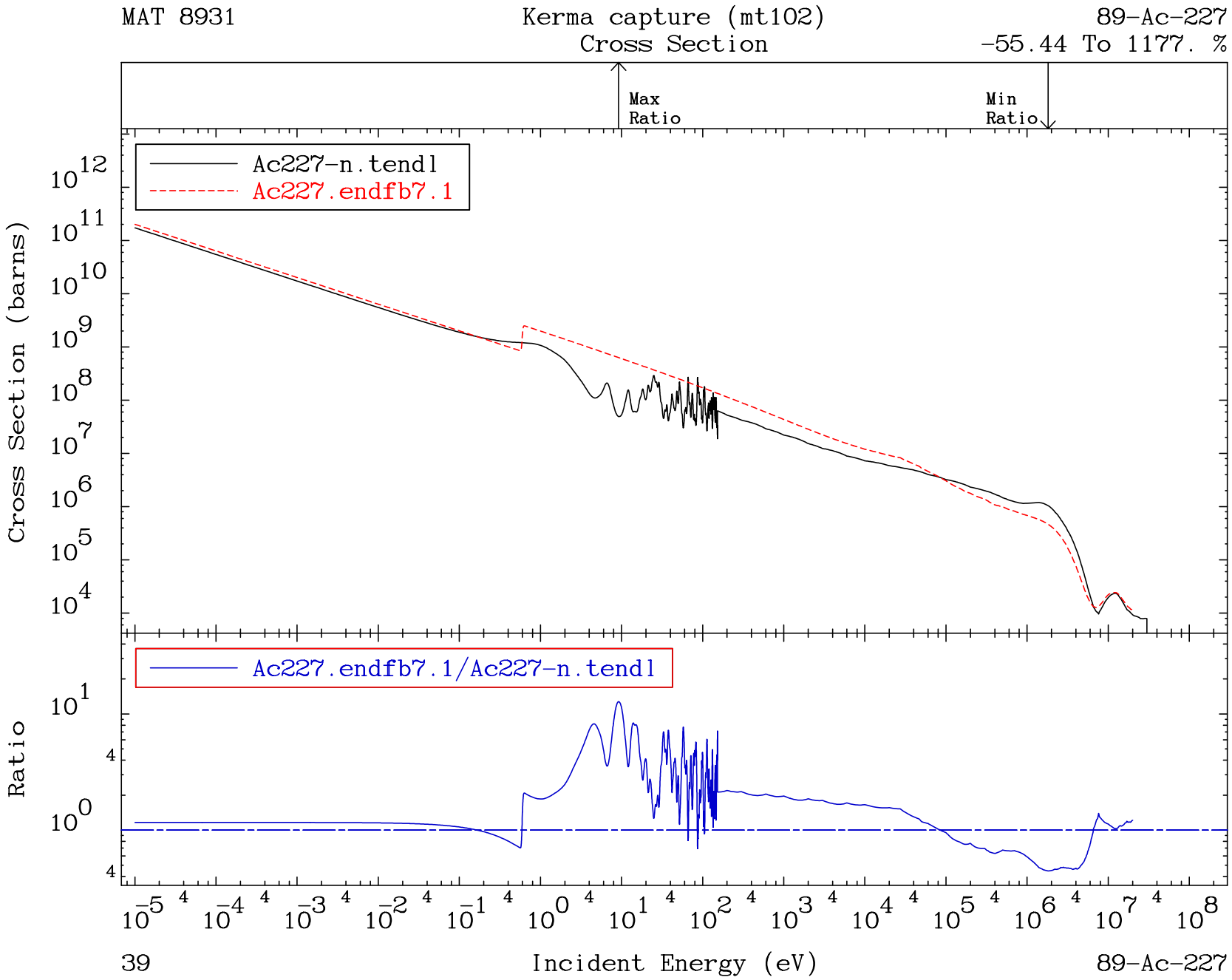

MAT 8931
Kerma total (eV-barns)
Cross Section
89-Ac-227
-30.59 To 1177. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
34
89-Ac-227

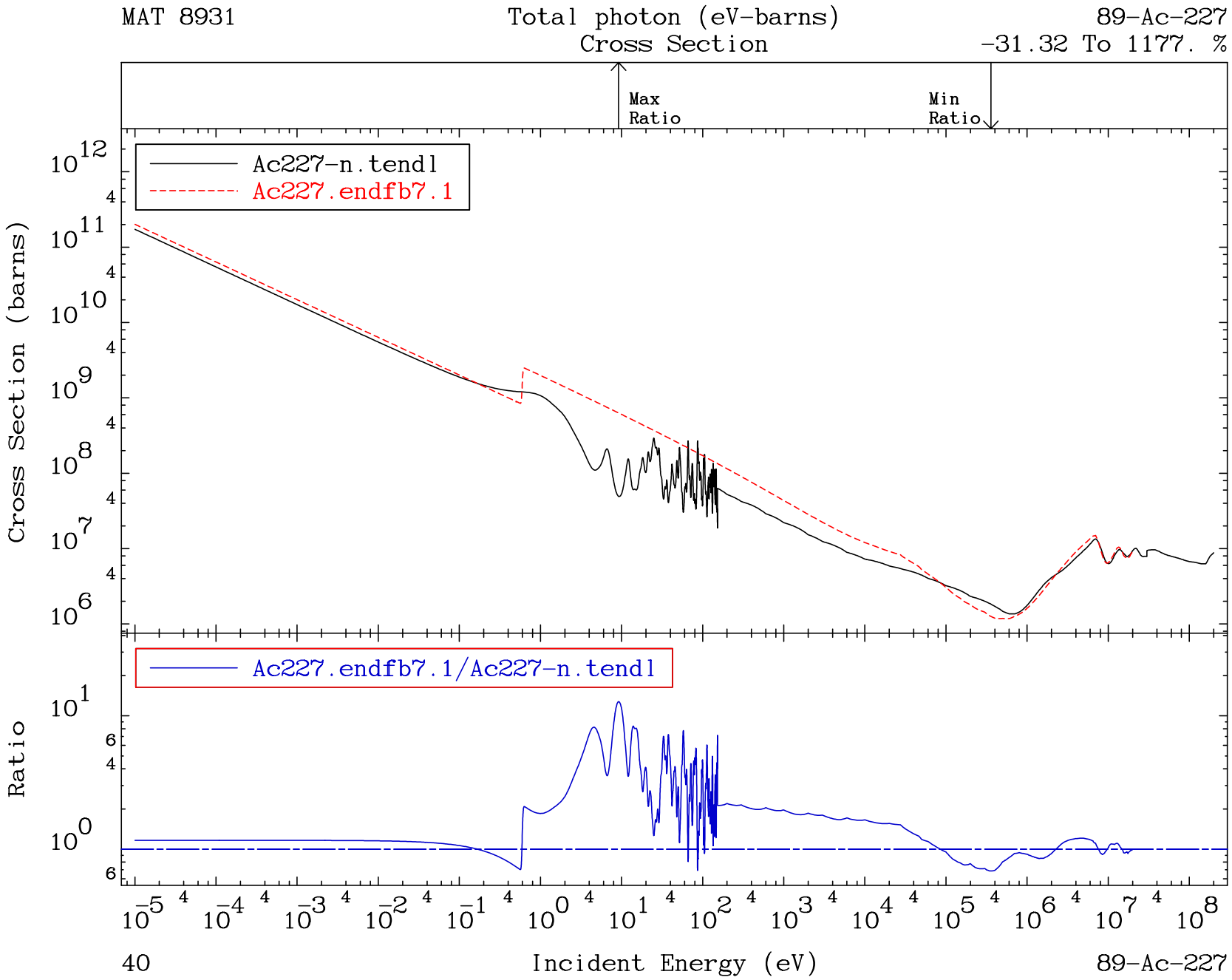

MAT 8931
Kerma elastic
Cross Section
89-Ac-227
-47.57 To 165.7 %
Max
Ratio
Min
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
35
89-Ac-227

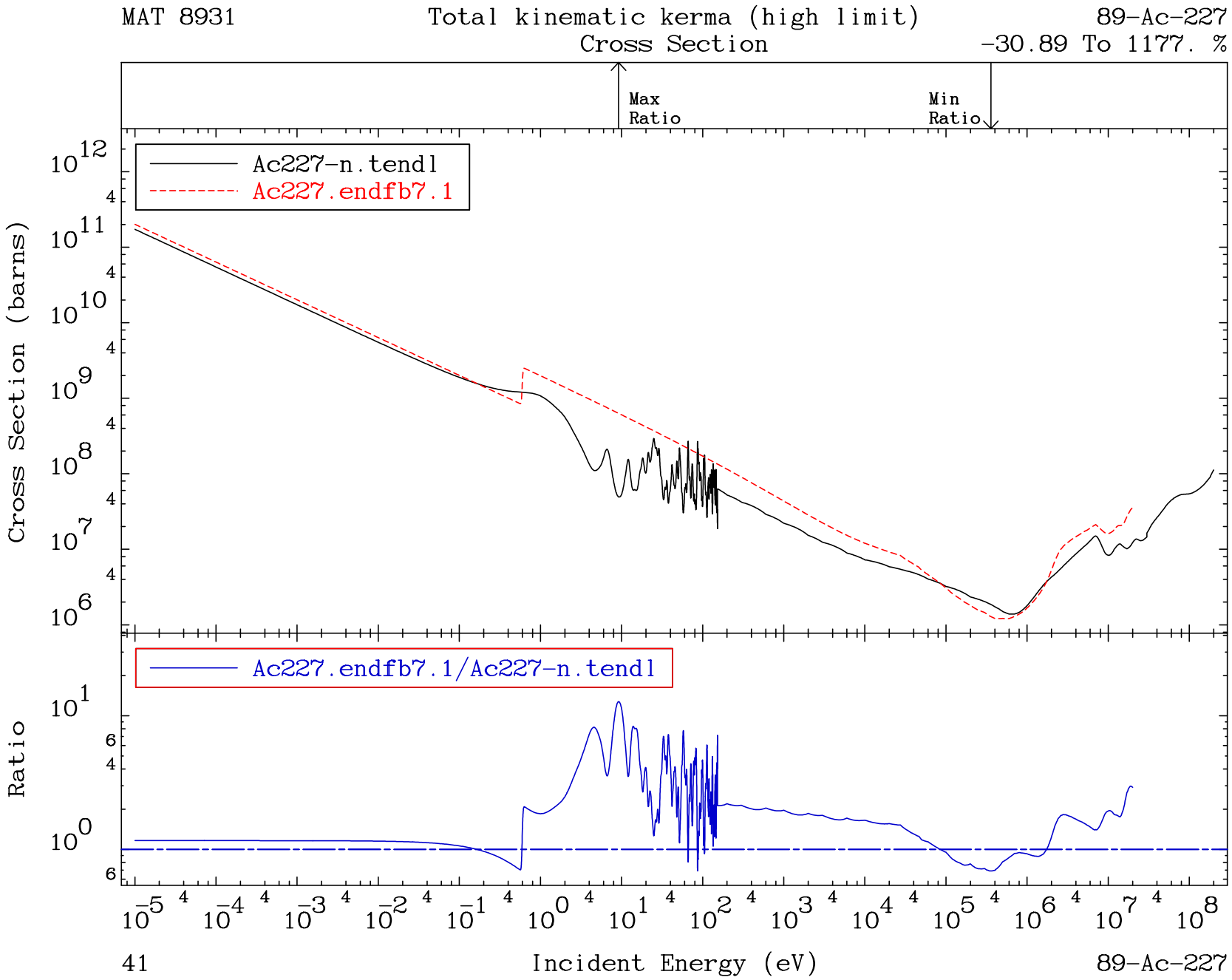

MAT 8931
Kerma non-elastic (all but mt2)
Cross Section
89-Ac-227
-30.59 To 1177. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
36
89-Ac-227

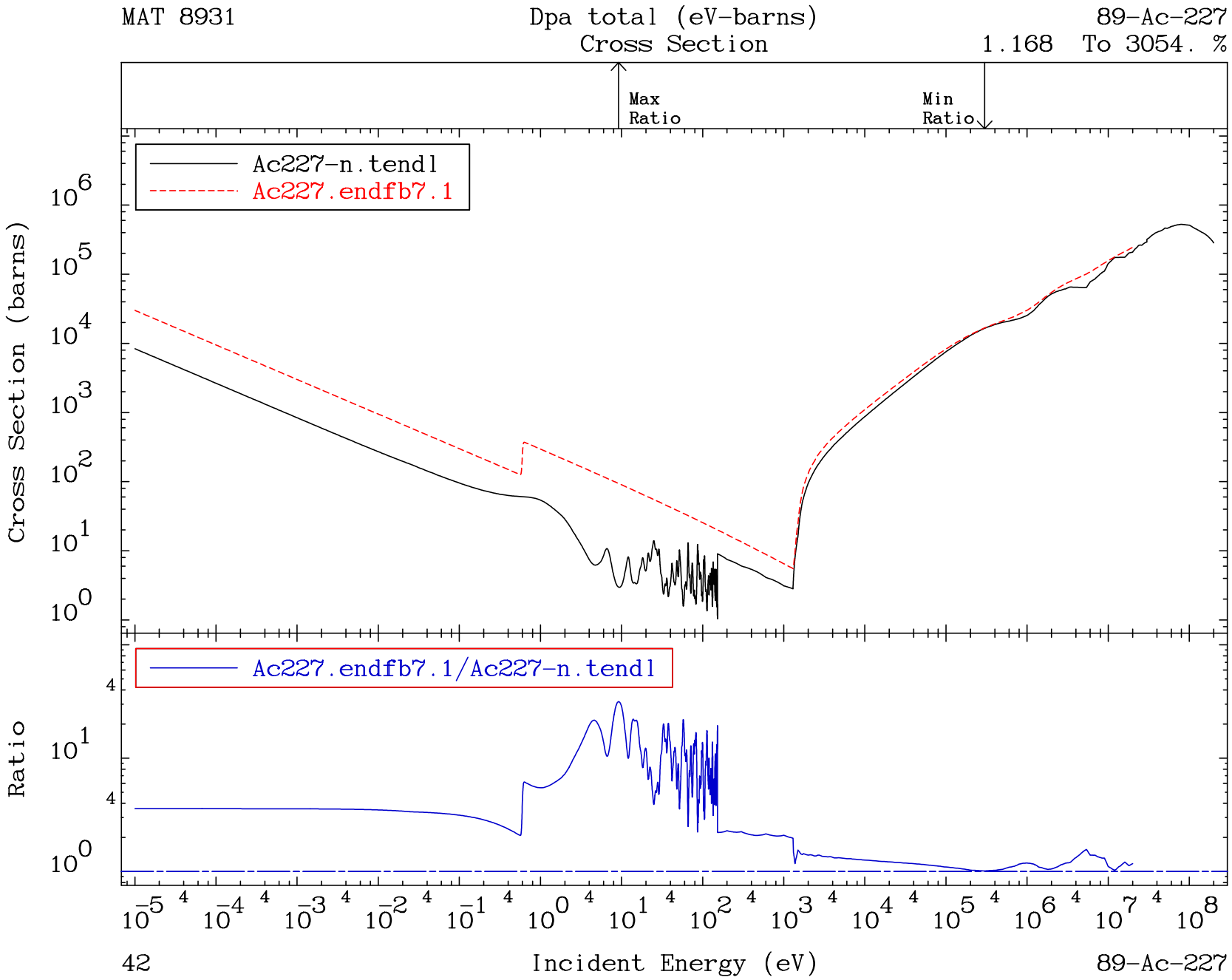

MAT 8931
Kerma inelastic (mt51-91)
Cross Section
89-Ac-227
-13.19 To 357.7 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 30.000 keV
Ac227.endfb7.1 Threshold 28.746 keV
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
37
89-Ac-227

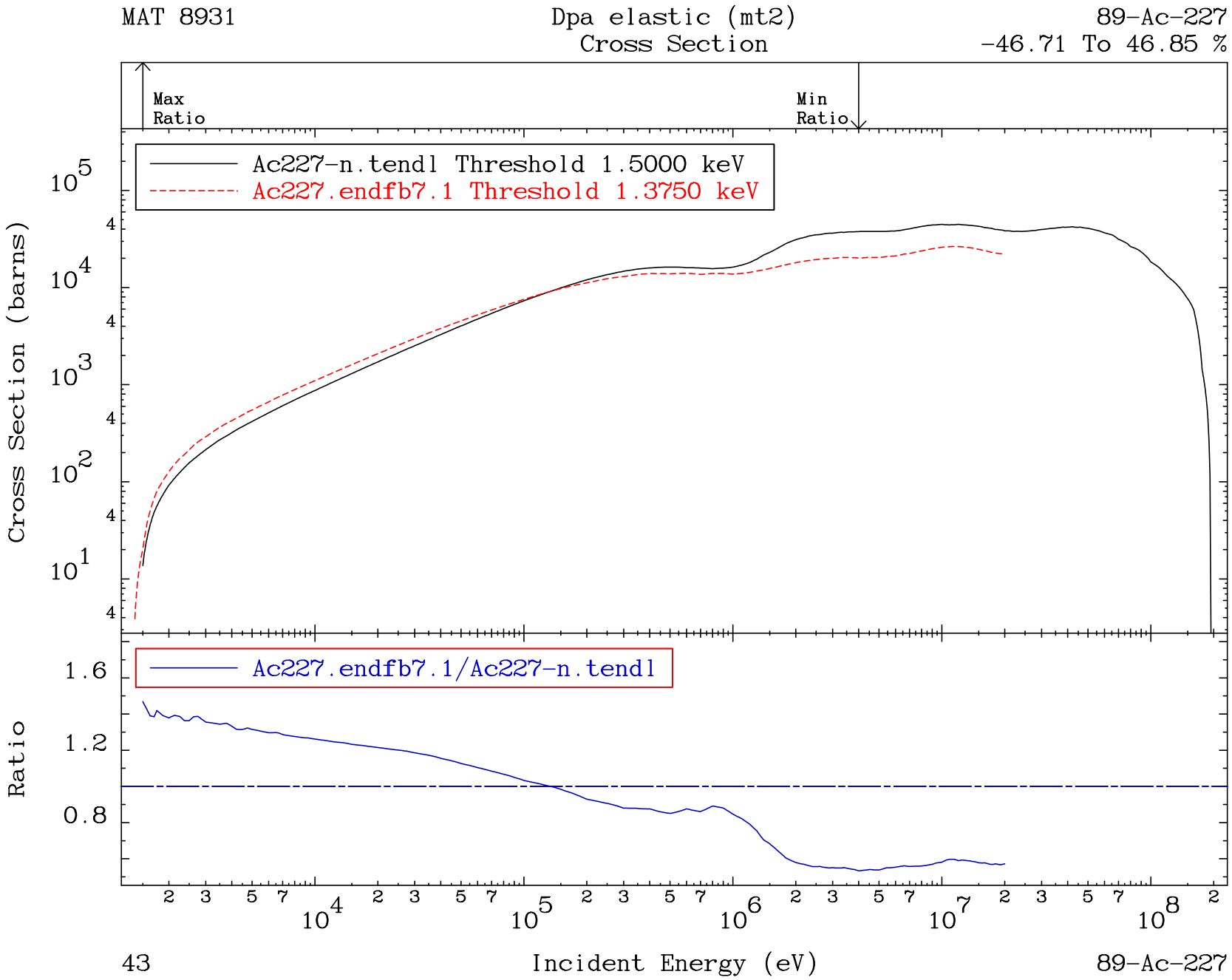

MAT 8931
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
89-Ac-227
-90.98 To 1595. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
38
89-Ac-227

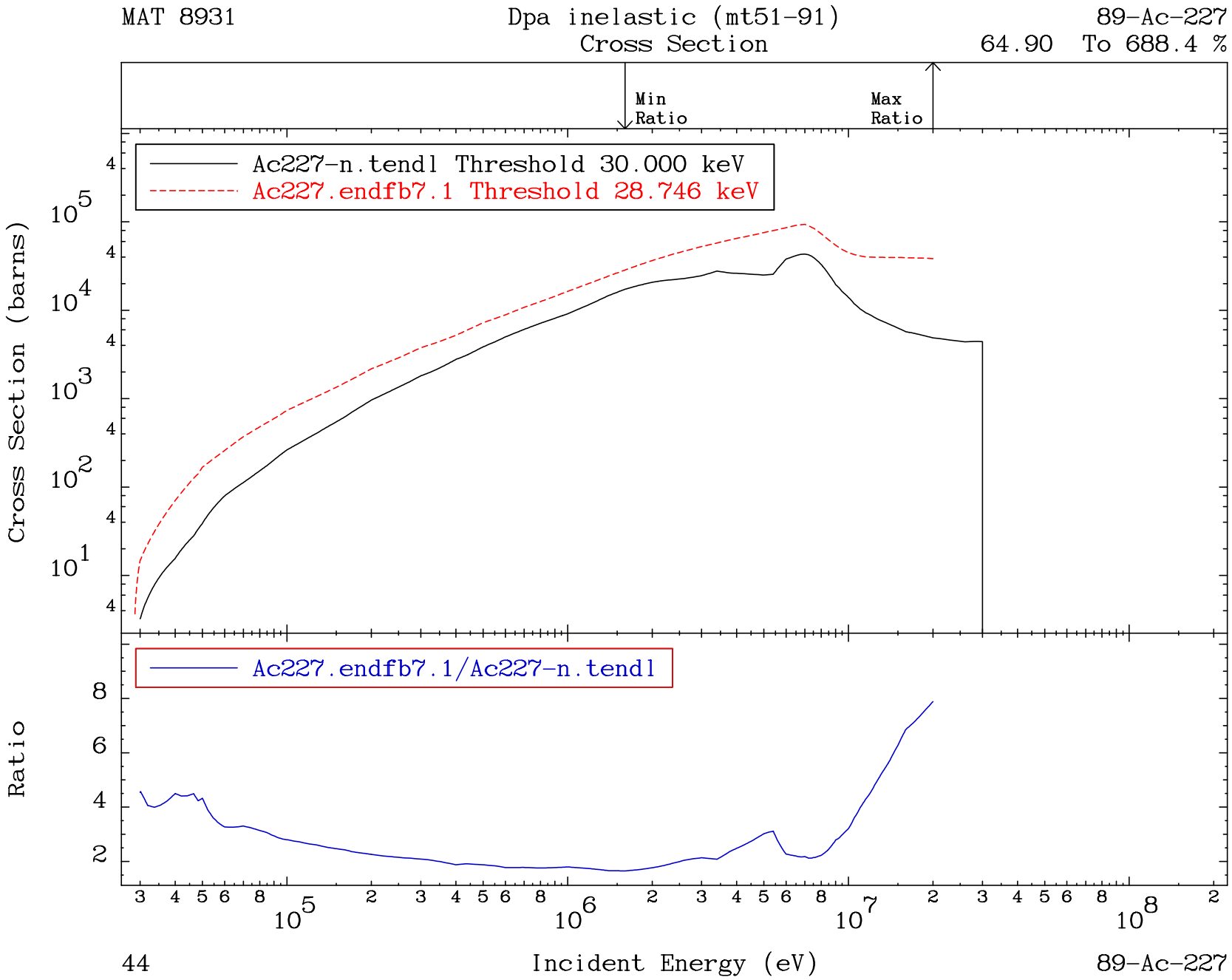

MAT 8931
Kerma capture (mt102)
Cross Section
89-Ac-227
-55.44 To 1177. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
39
89-Ac-227

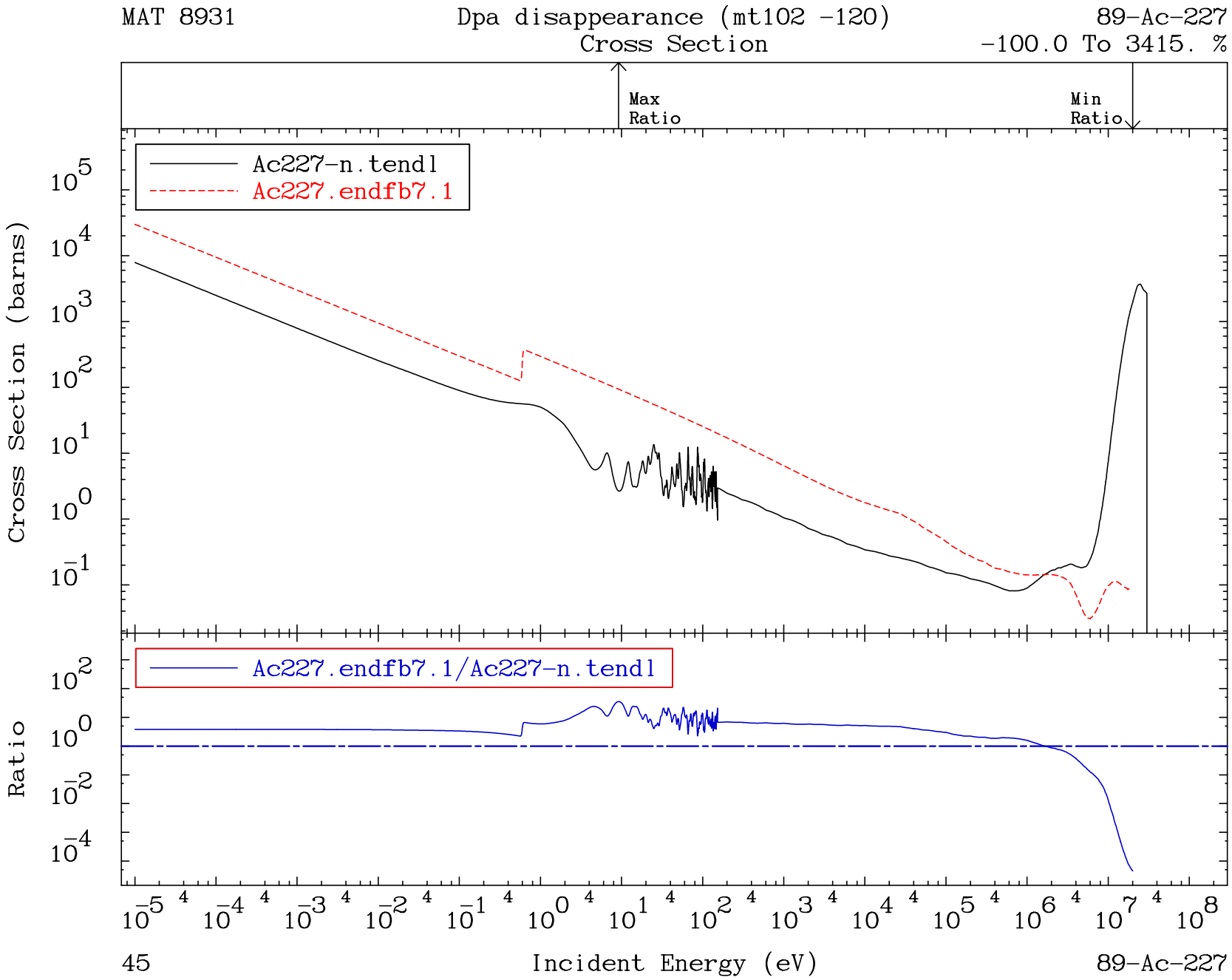

MAT 8931
Total photon (eV-barns)
Cross Section
89-Ac-227
-31.32 To 1177. %
Max
Ratio
Min
Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
40
89-Ac-227


MAT 8931
Total kinematic kerma (high limit)
Cross Section
89-Ac-227
-30.89 To 1177. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
41
89-Ac-227


MAT 8931
Dpa total (eV-barns)
Cross Section
89-Ac-227
1.168 To 3054. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
42
89-Ac-227


MAT 8931
Dpa elastic (mt2)
Cross Section
89-Ac-227
-46.71 To 46.85 %
Max Ratio
Min Ratio
Ac227-n.tendl Threshold 1.5000 keV
Ac227.endfb7.1 Threshold 1.3750 keV
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
43
89-Ac-227


MAT 8931
Dpa inelastic (mt51-91)
Cross Section
89-Ac-227
64.90 To 688.4 %
Min Ratio
Max Ratio
Ac227-n.tendl Threshold 30.000 keV
Ac227.endfb7.1 Threshold 28.746 keV
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
44
89-Ac-227


MAT 8931
Dpa disappearance (mt102 -120)
Cross Section
89-Ac-227
-100.0 To 3415. %
Max Ratio
Min Ratio
Ac227-n.tendl
Ac227.endfb7.1
Cross Section (barns)
Ac227.endfb7.1/Ac227-n.tendl
Ratio
Incident Energy (eV)
45
89-Ac-227