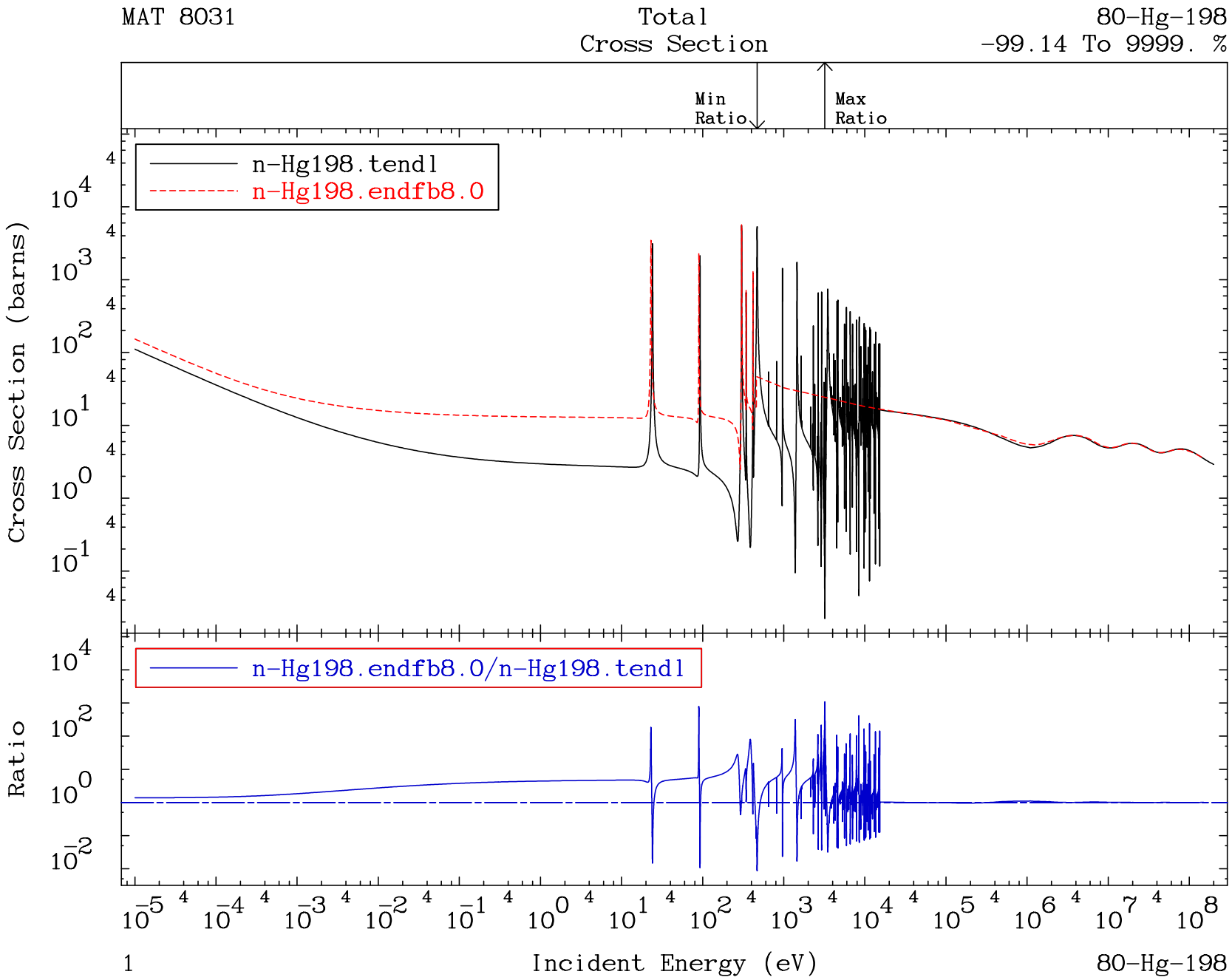
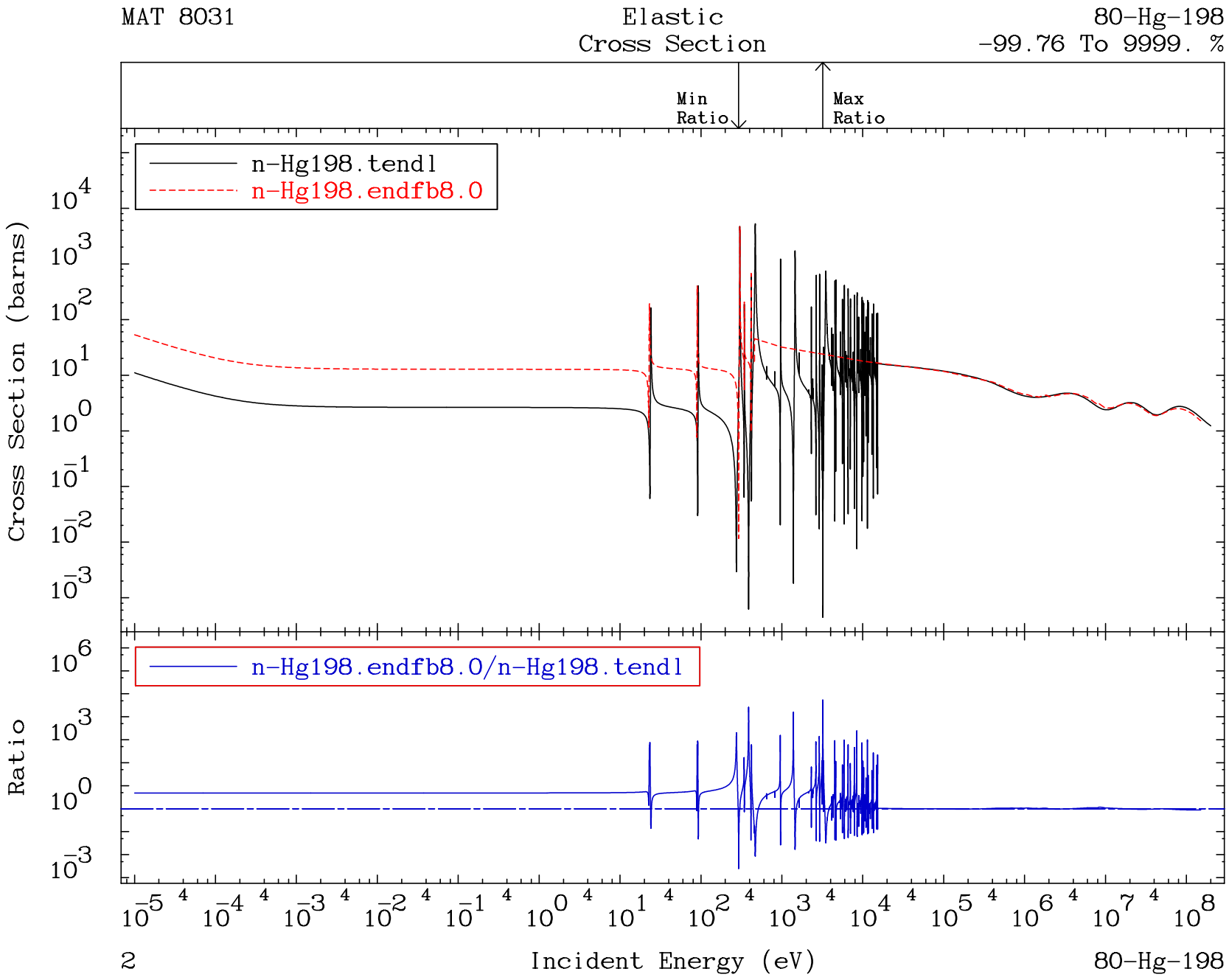
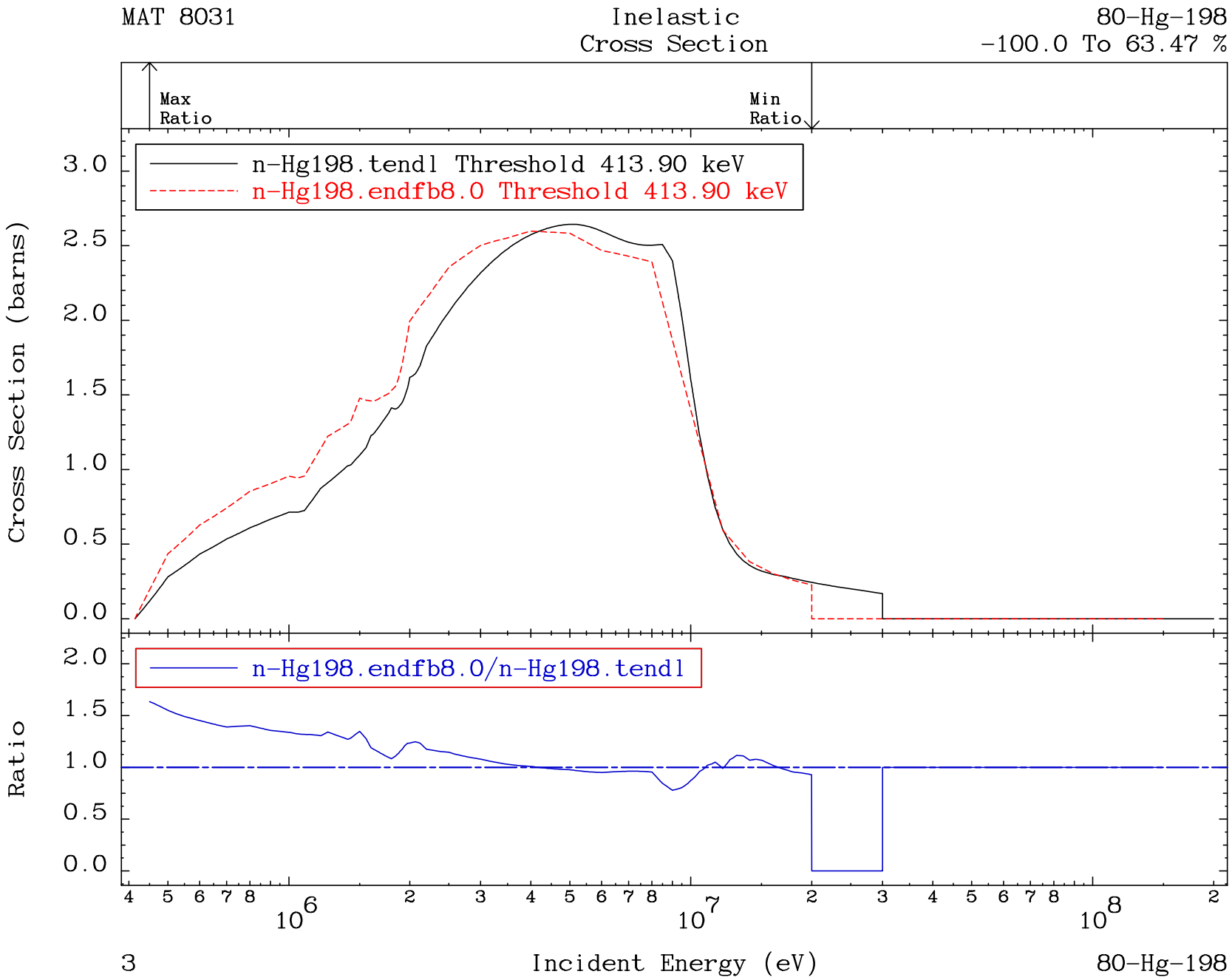
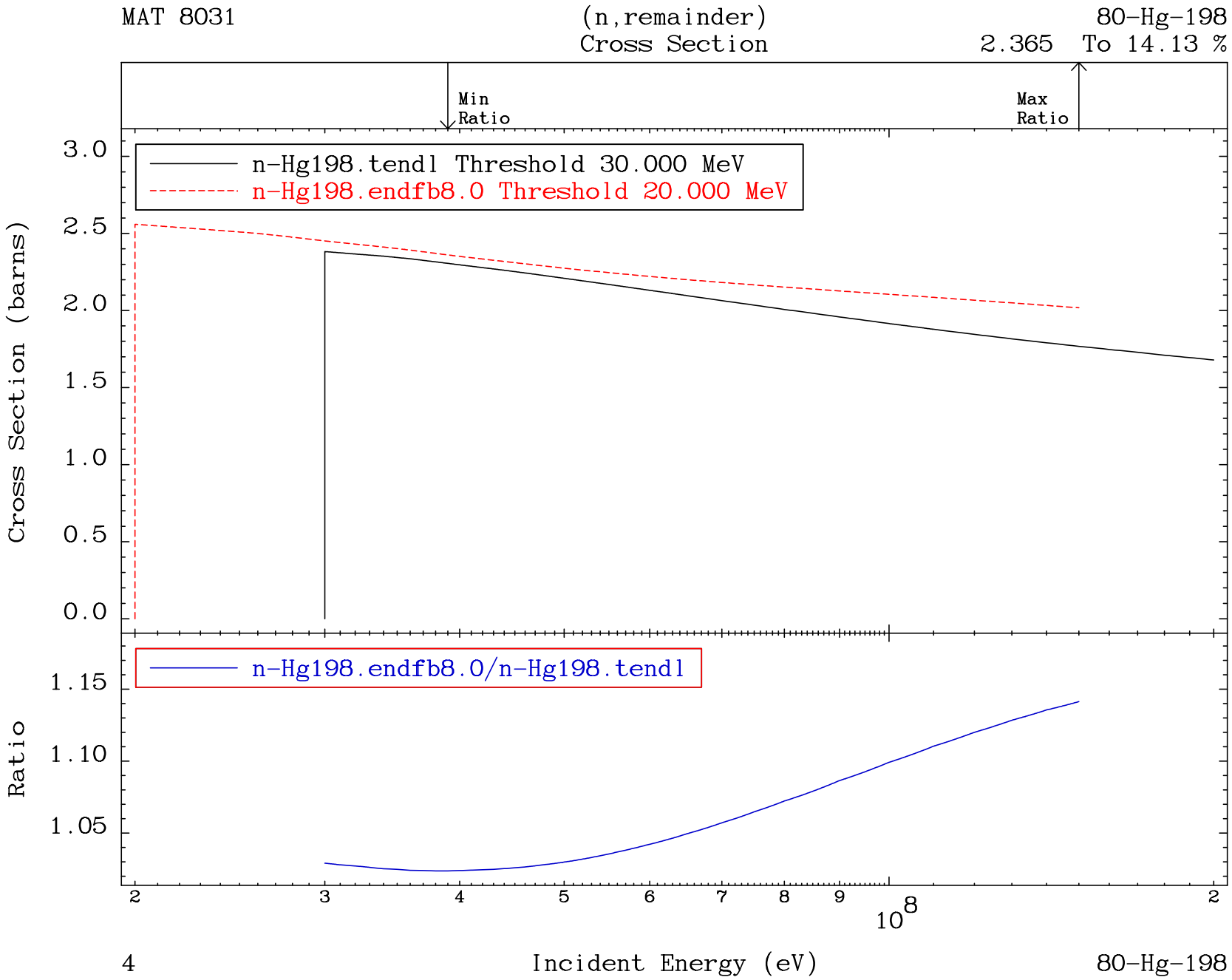
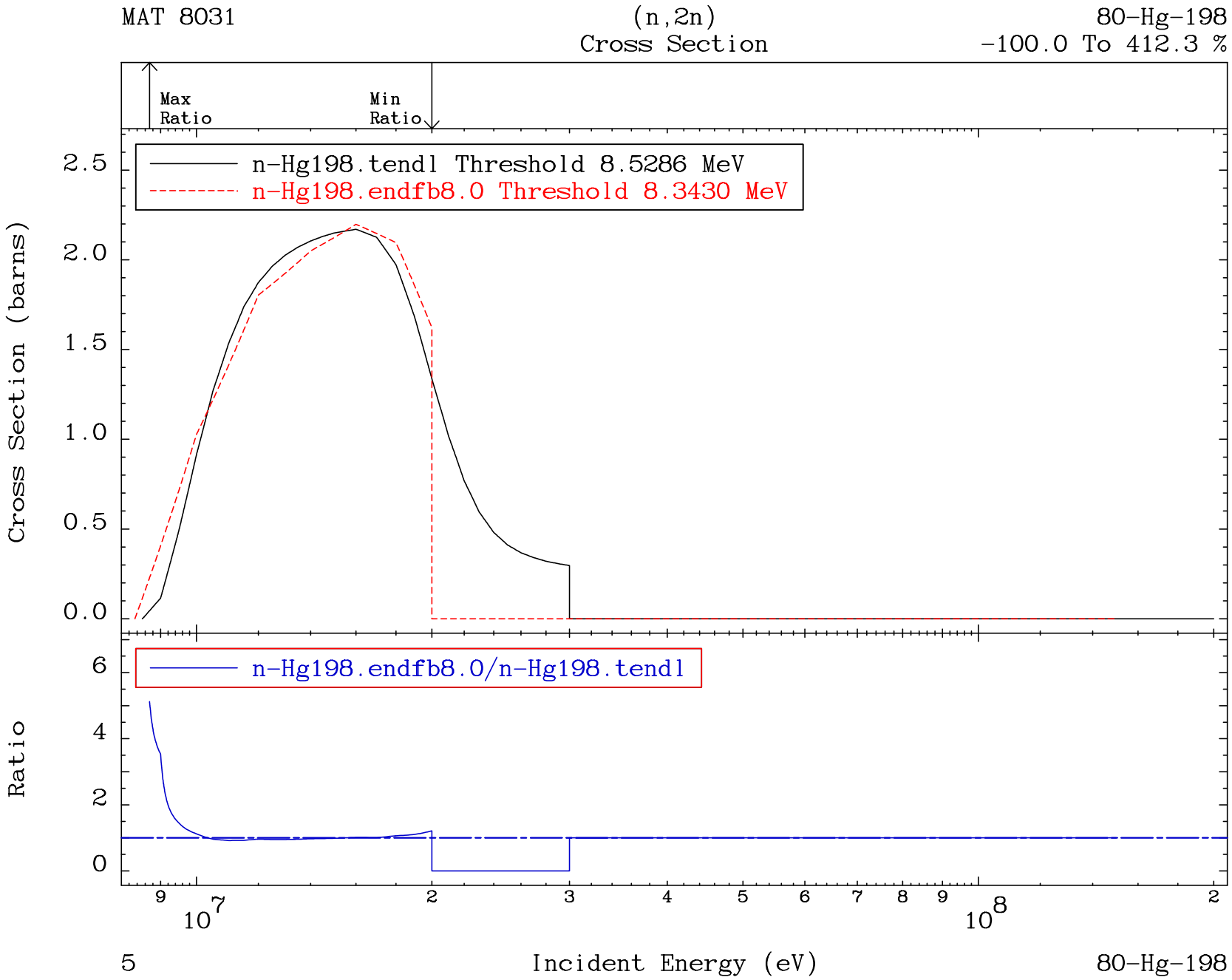
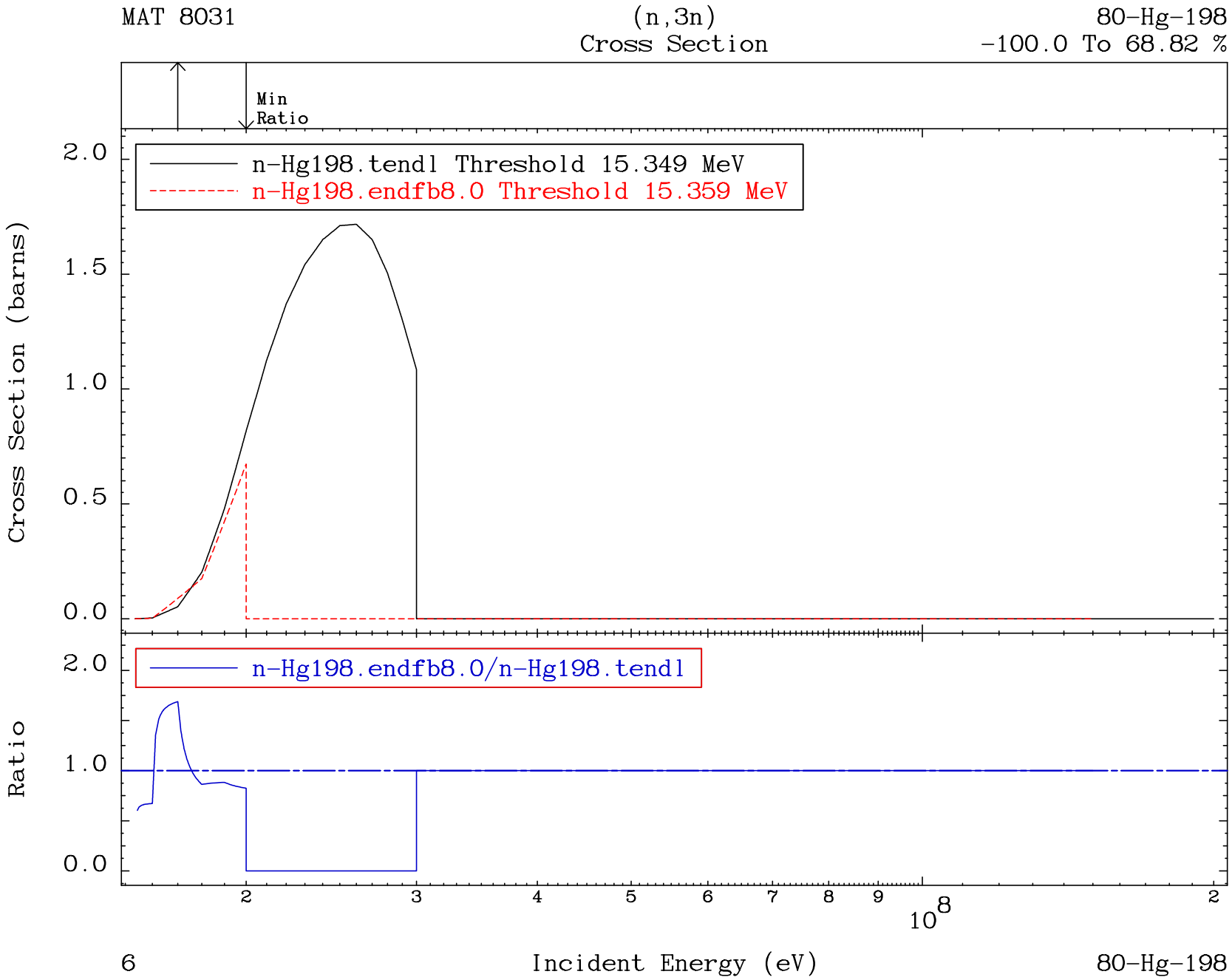

MAT 8031
Total
Cross Section
80-Hg-198
-99.14 To 9999. %
Min
Ratio
Max
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
1
80-Hg-198

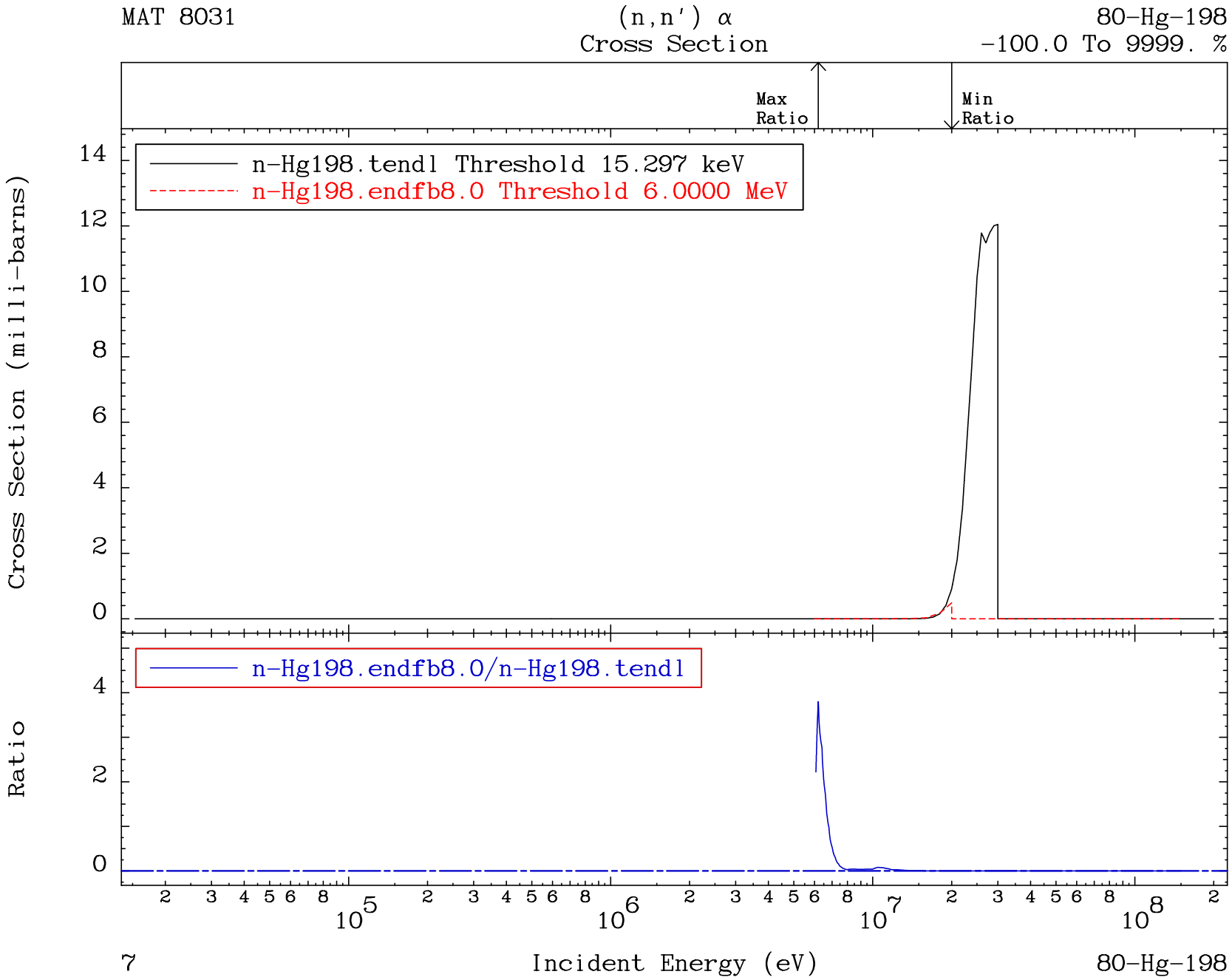

MAT 8031
Elastic
Cross Section
80-Hg-198
-99.76 To 9999. %
Min
Ratio
Max
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
2
80-Hg-198

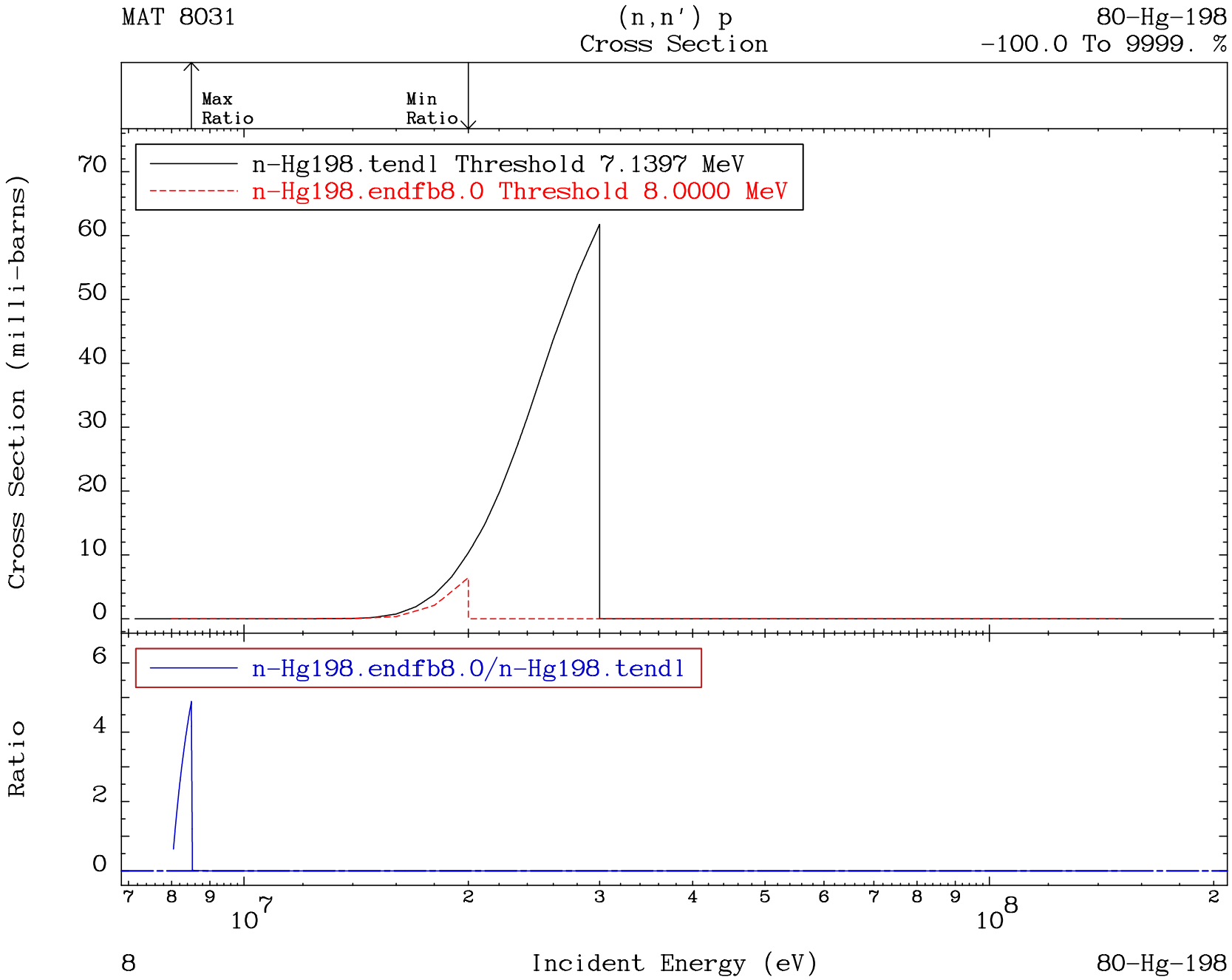

MAT 8031
Inelastic
Cross Section
80-Hg-198
-100.0 To 63.47 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 413.90 keV
n-Hg198.endfb8.0 Threshold 413.90 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.5
1.0
0.5
0.0
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
3
Incident Energy (eV)
80-Hg-198

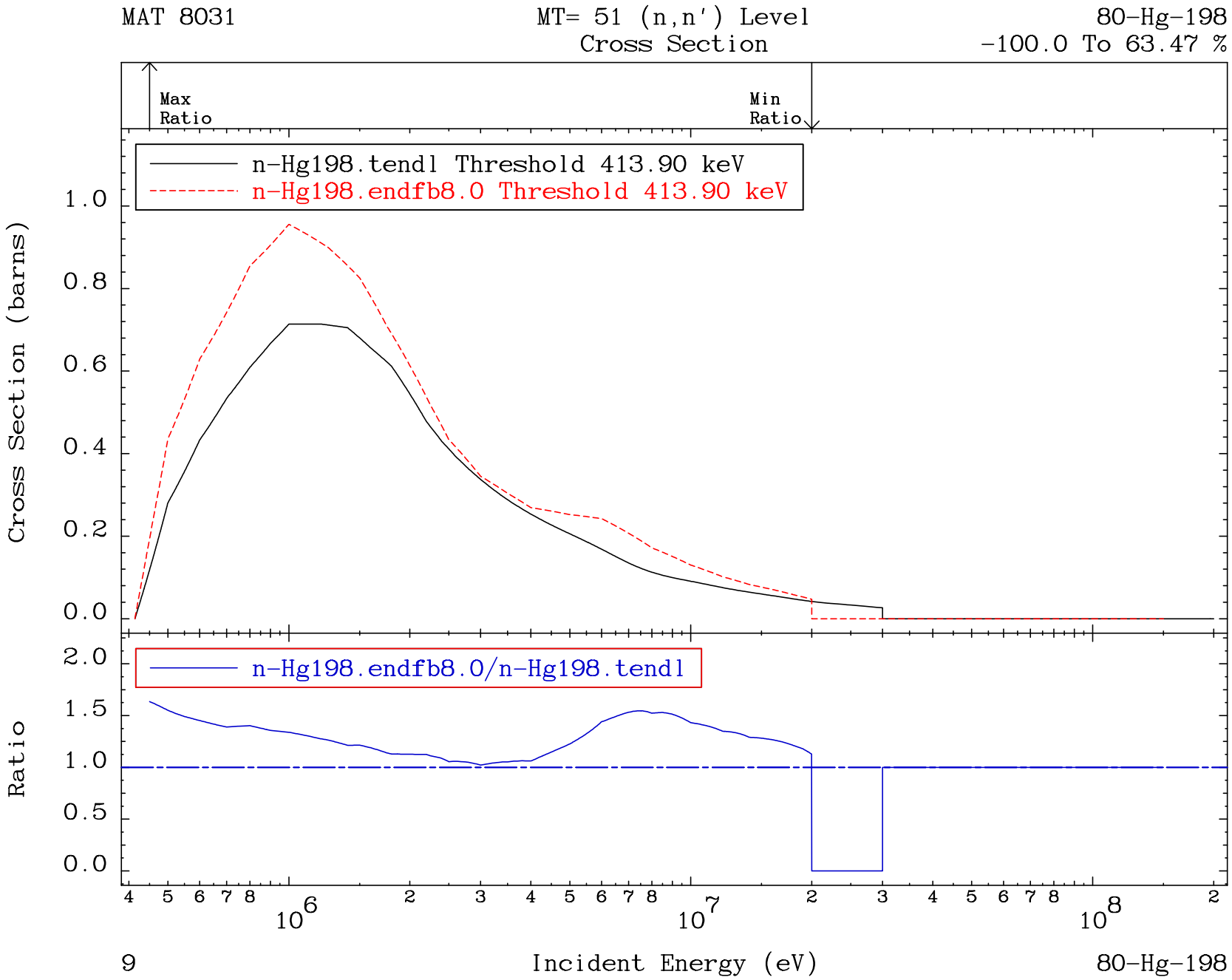

MAT 8031
(n,remainder)
Cross Section
80-Hg-198
2.365 To 14.13 %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 30.000 MeV
n-Hg198.endfb8.0 Threshold 20.000 MeV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.15
1.10
1.05
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
80-Hg-198

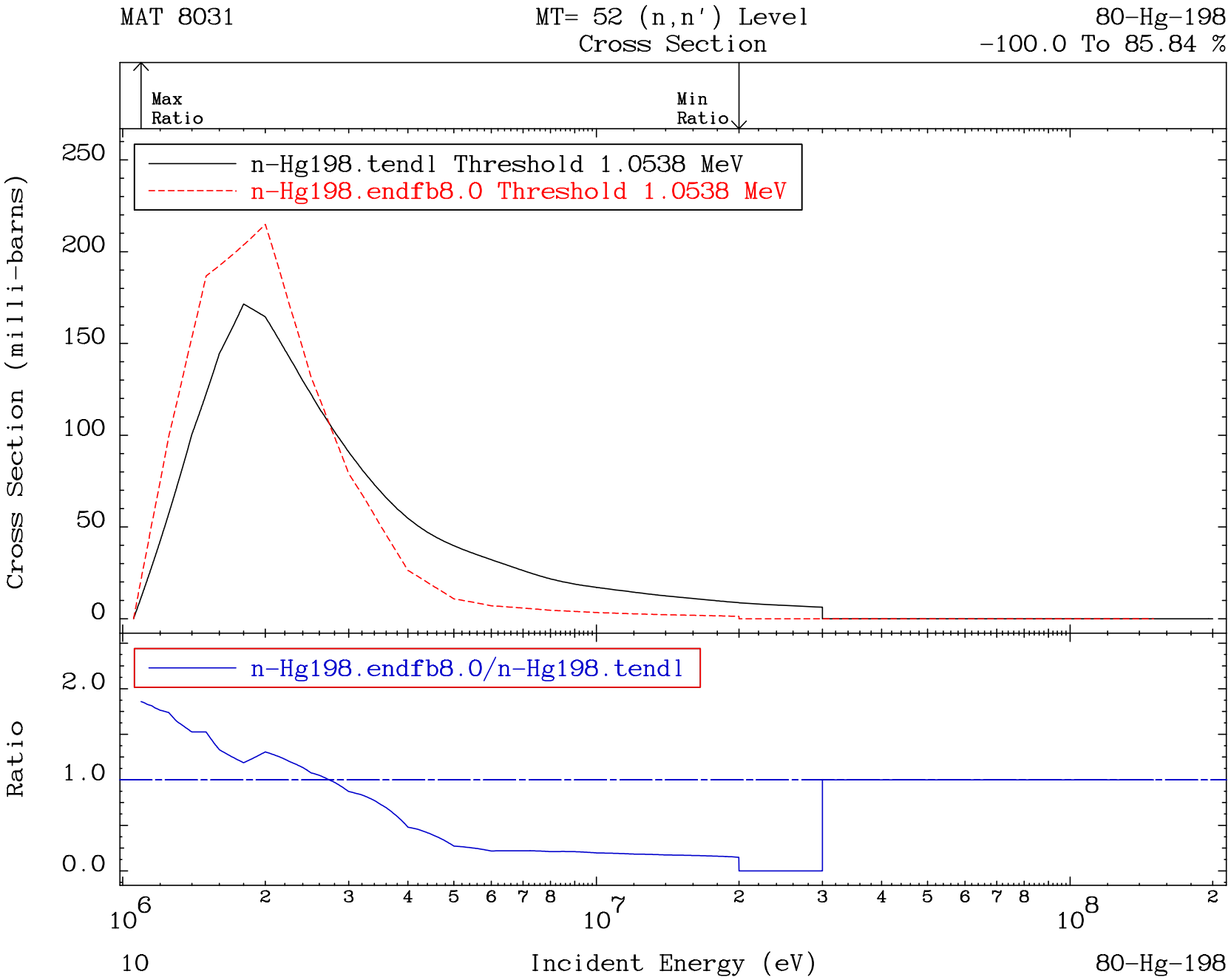

MAT 8031
(n,2n)
Cross Section
80-Hg-198
-100.0 To 412.3 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 8.5286 MeV
n-Hg198.endfb8.0 Threshold 8.3430 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
6
4
2
0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
80-Hg-198

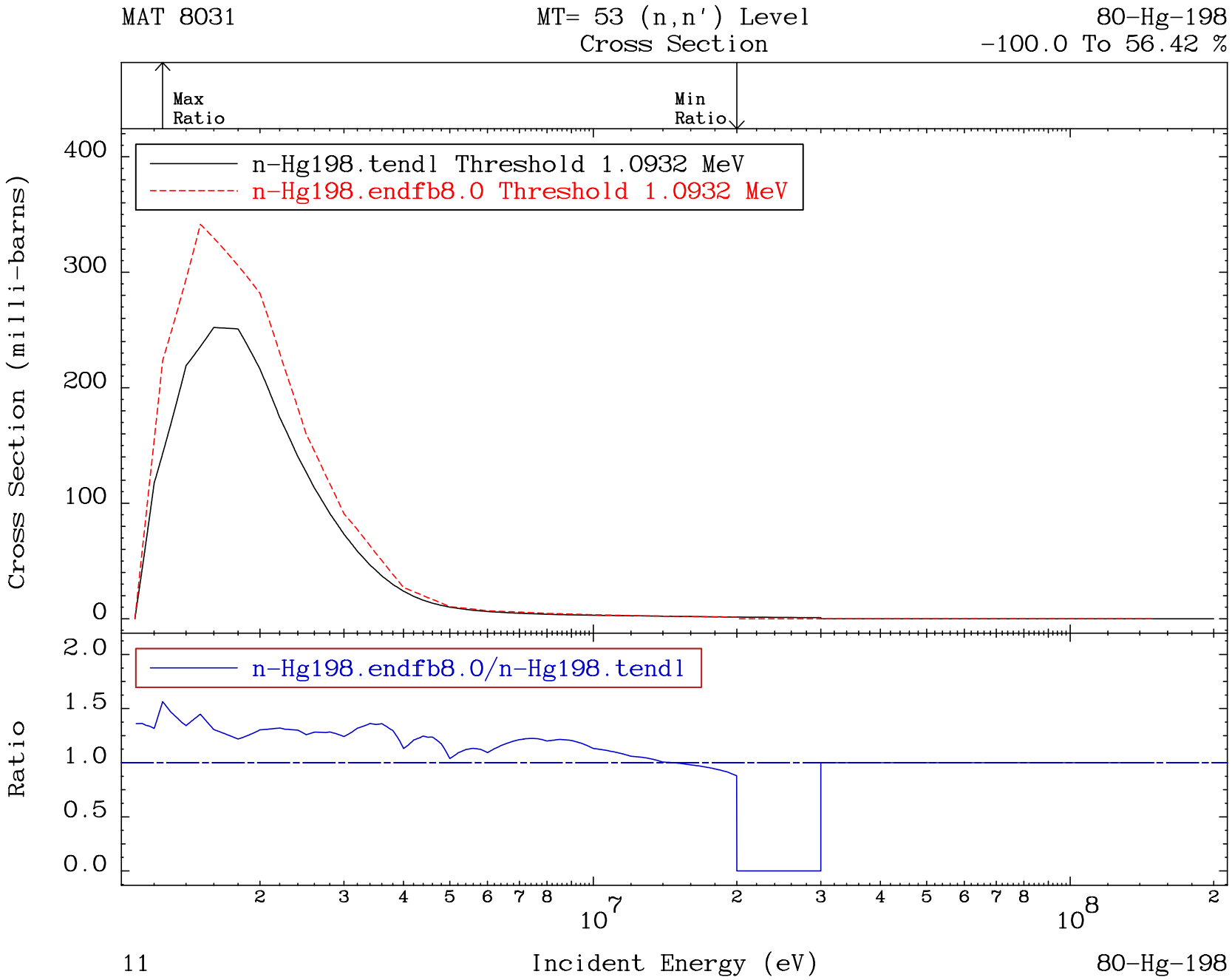

MAT 8031
(n,3n)
Cross Section
80-Hg-198
-100.0 To 68.82 %
Min
Ratio
n-Hg198.tendl Threshold 15.349 MeV
n-Hg198.endfb8.0 Threshold 15.359 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.0
0.0
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
80-Hg-198

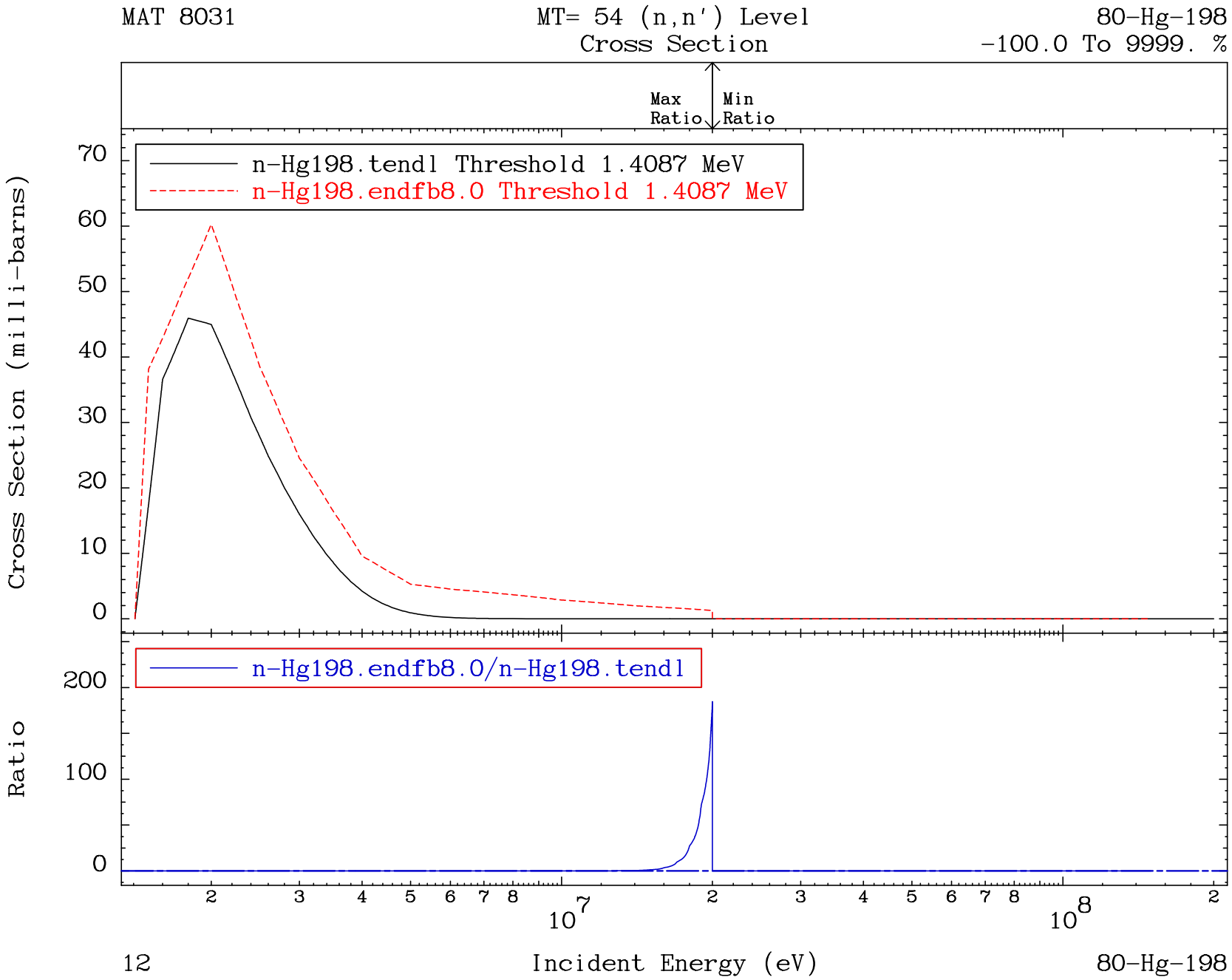

MAT 8031
(n,n') α
Cross Section
80-Hg-198
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 15.297 keV
n-Hg198.endfb8.0 Threshold 6.0000 MeV
Cross Section (milli-barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
7
80-Hg-198

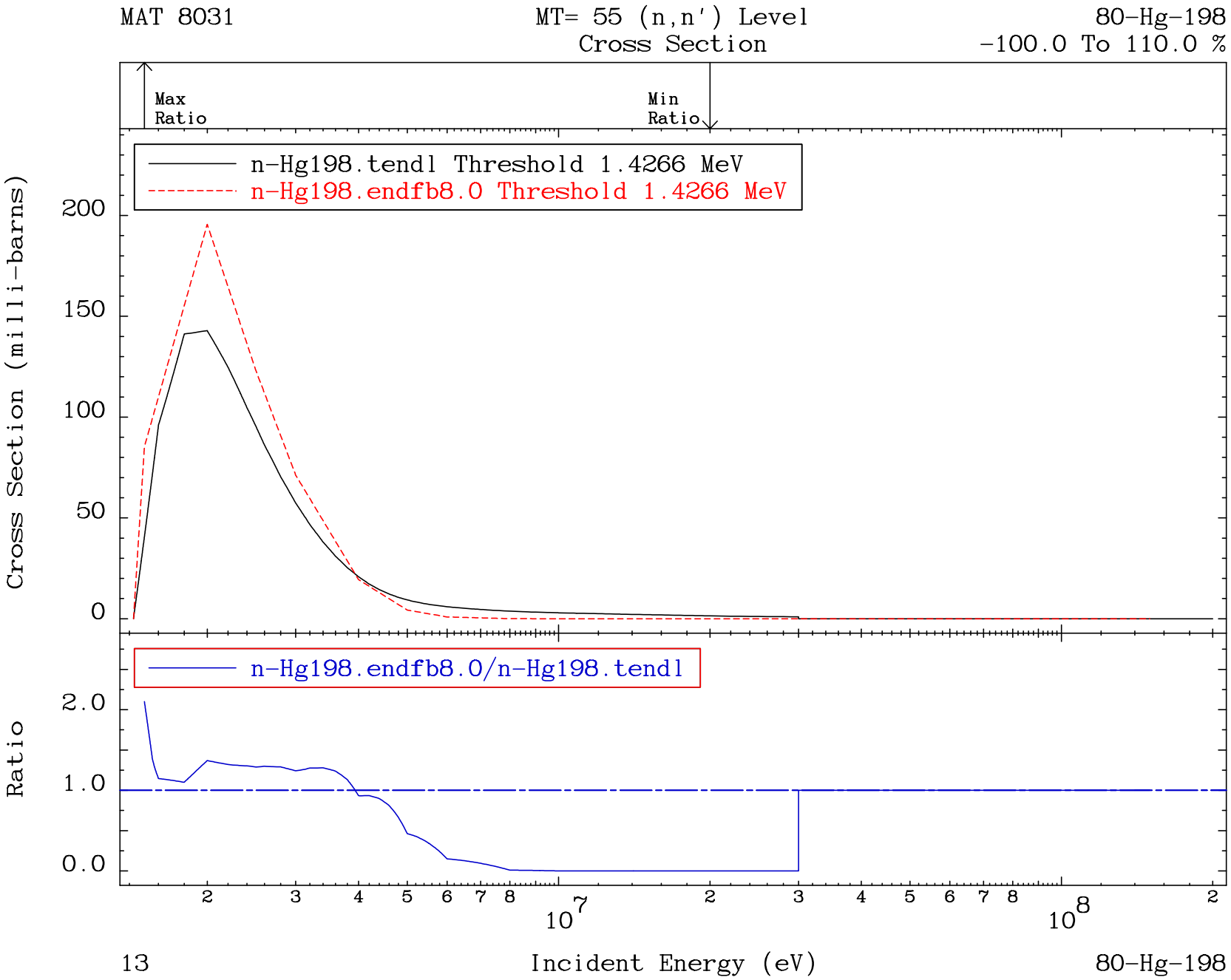

MAT 8031
(n,n') p
Cross Section
80-Hg-198
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 7.1397 MeV
n-Hg198.endfb8.0 Threshold 8.0000 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
6
4
2
0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
8
Incident Energy (eV)
80-Hg-198

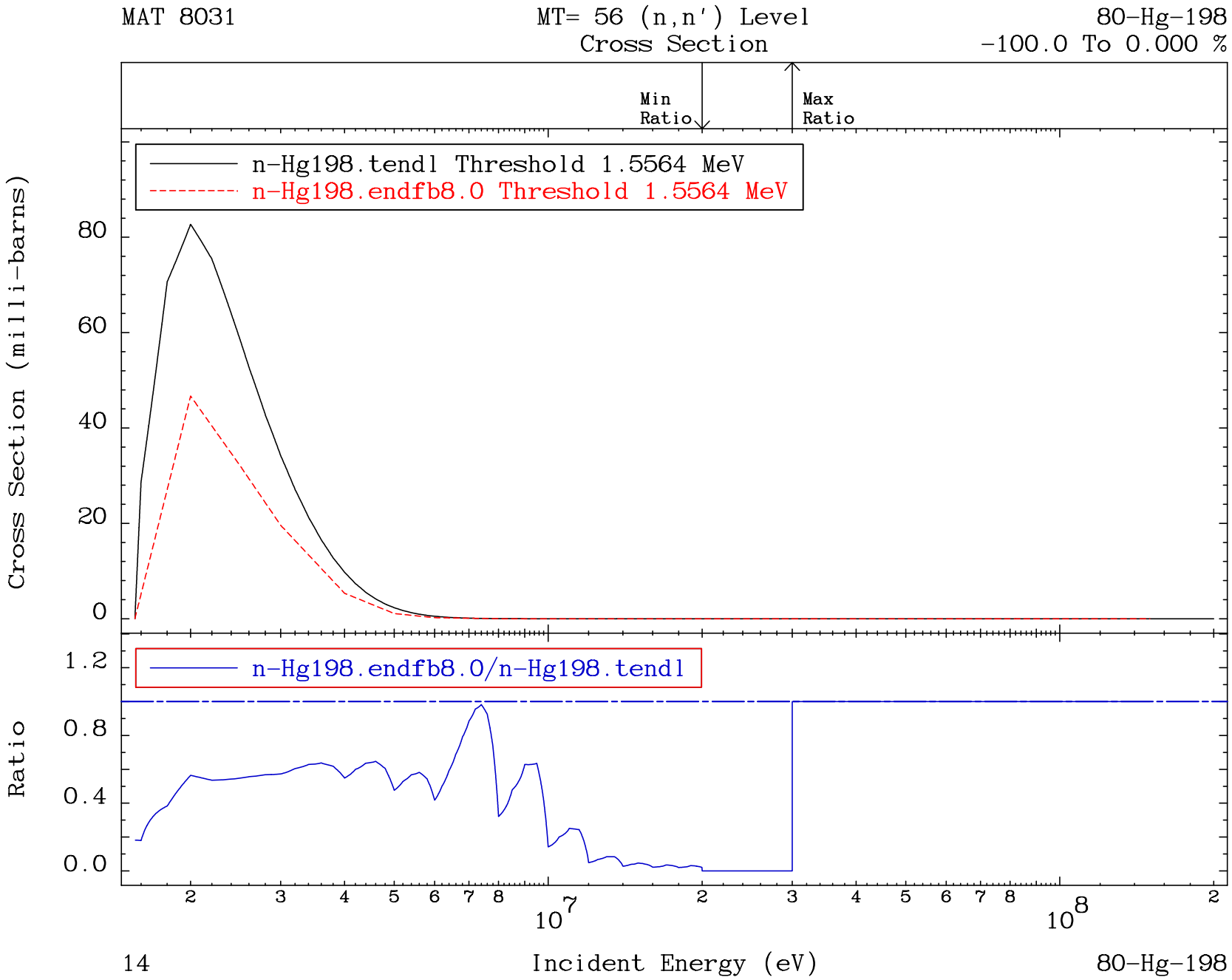

MAT 8031
MT= 51 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 63.47 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 413.90 keV
n-Hg198.endfb8.0 Threshold 413.90 keV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.5
1.0
0.5
0.0
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
9
Incident Energy (eV)
80-Hg-198

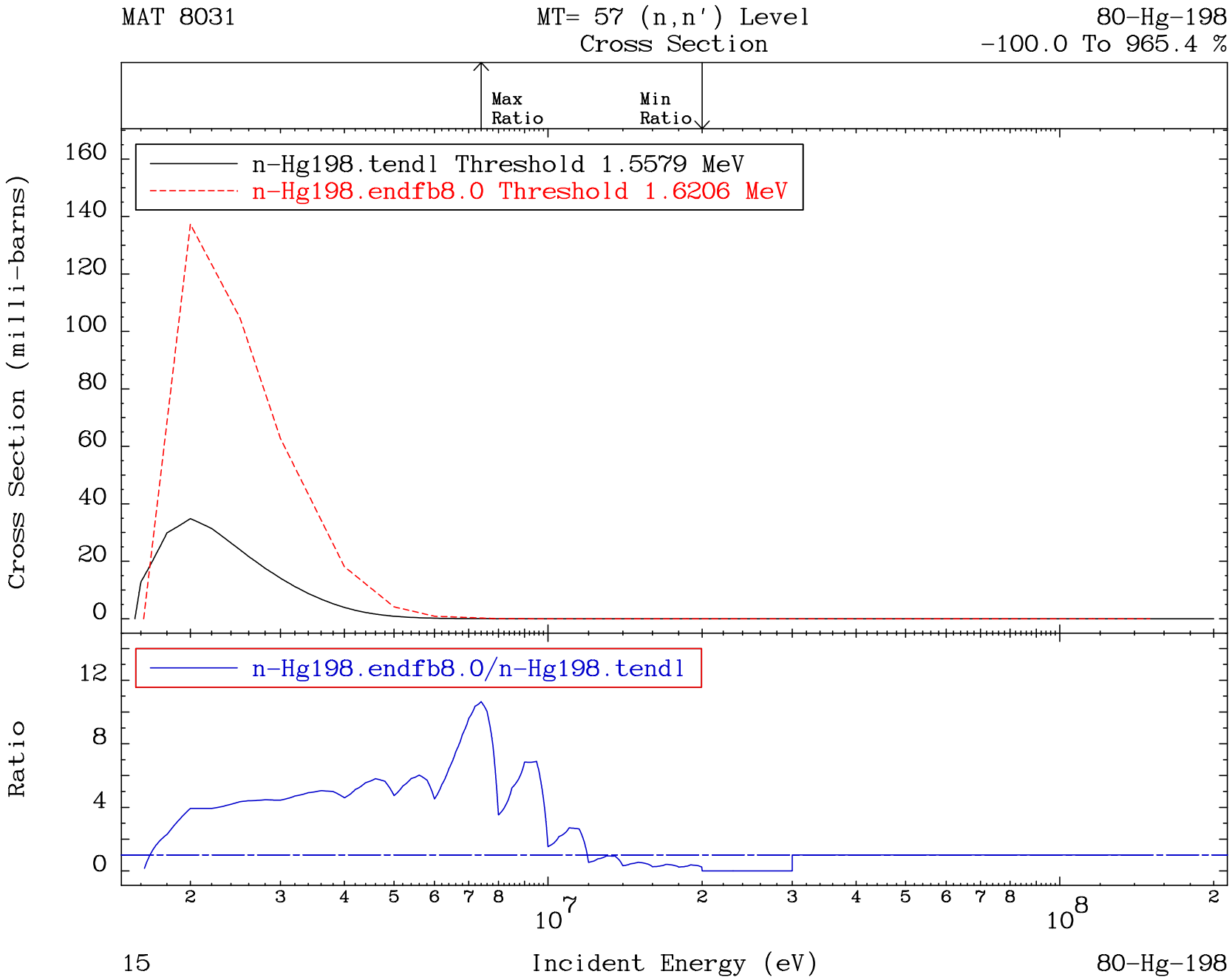

MAT 8031
MT= 52 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 85.84 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 1.0538 MeV
n-Hg198.endfb8.0 Threshold 1.0538 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.0
0.0
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
10
Incident Energy (eV)
80-Hg-198

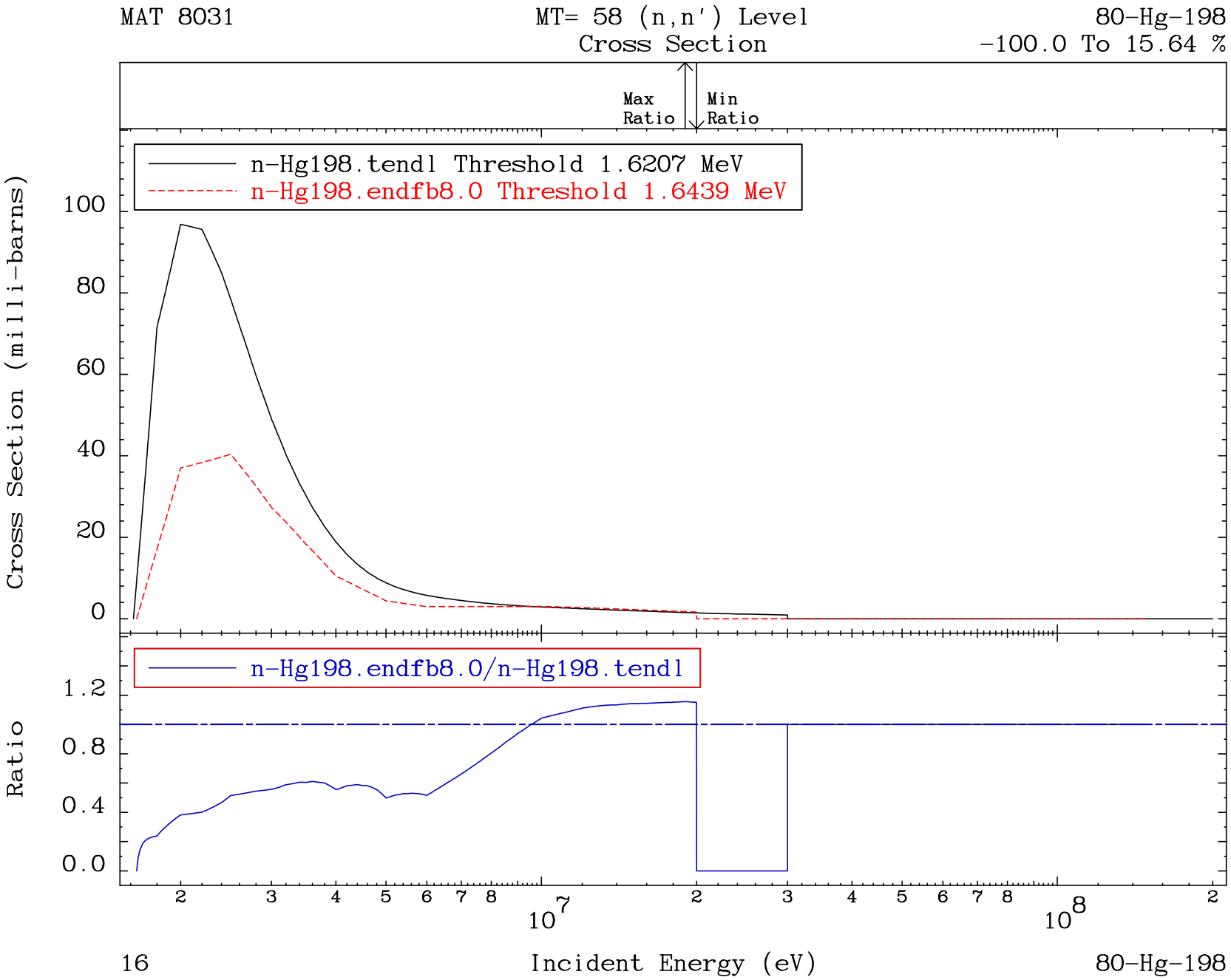

MAT 8031
MT= 53 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 56.42 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.0932 MeV
n-Hg198.endfb8.0 Threshold 1.0932 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.5
1.0
0.5
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
11
Incident Energy (eV)
80-Hg-198

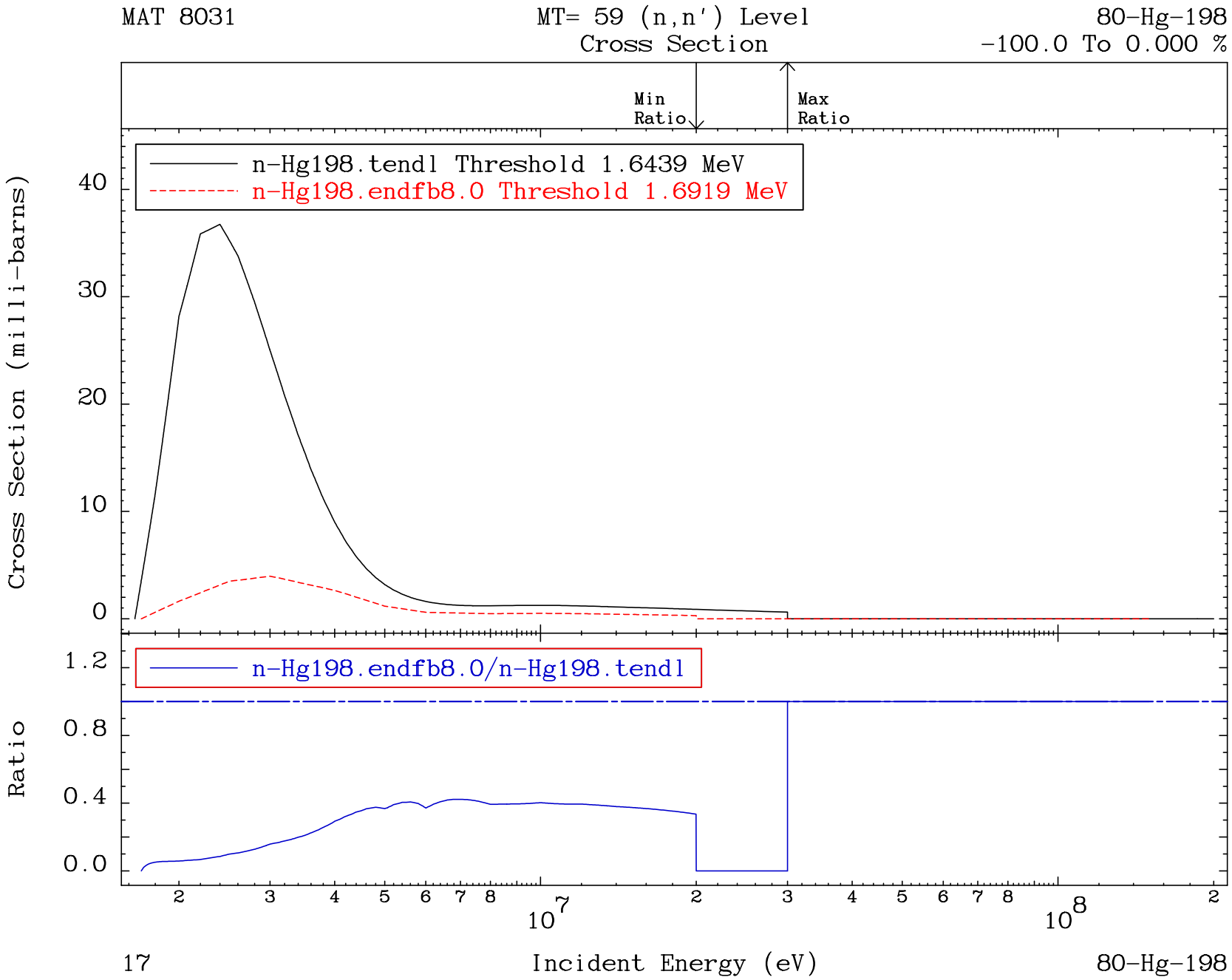

MAT 8031
MT= 54 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.4087 MeV
n-Hg198.endfb8.0 Threshold 1.4087 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
200
100
0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
12
Incident Energy (eV)
80-Hg-198

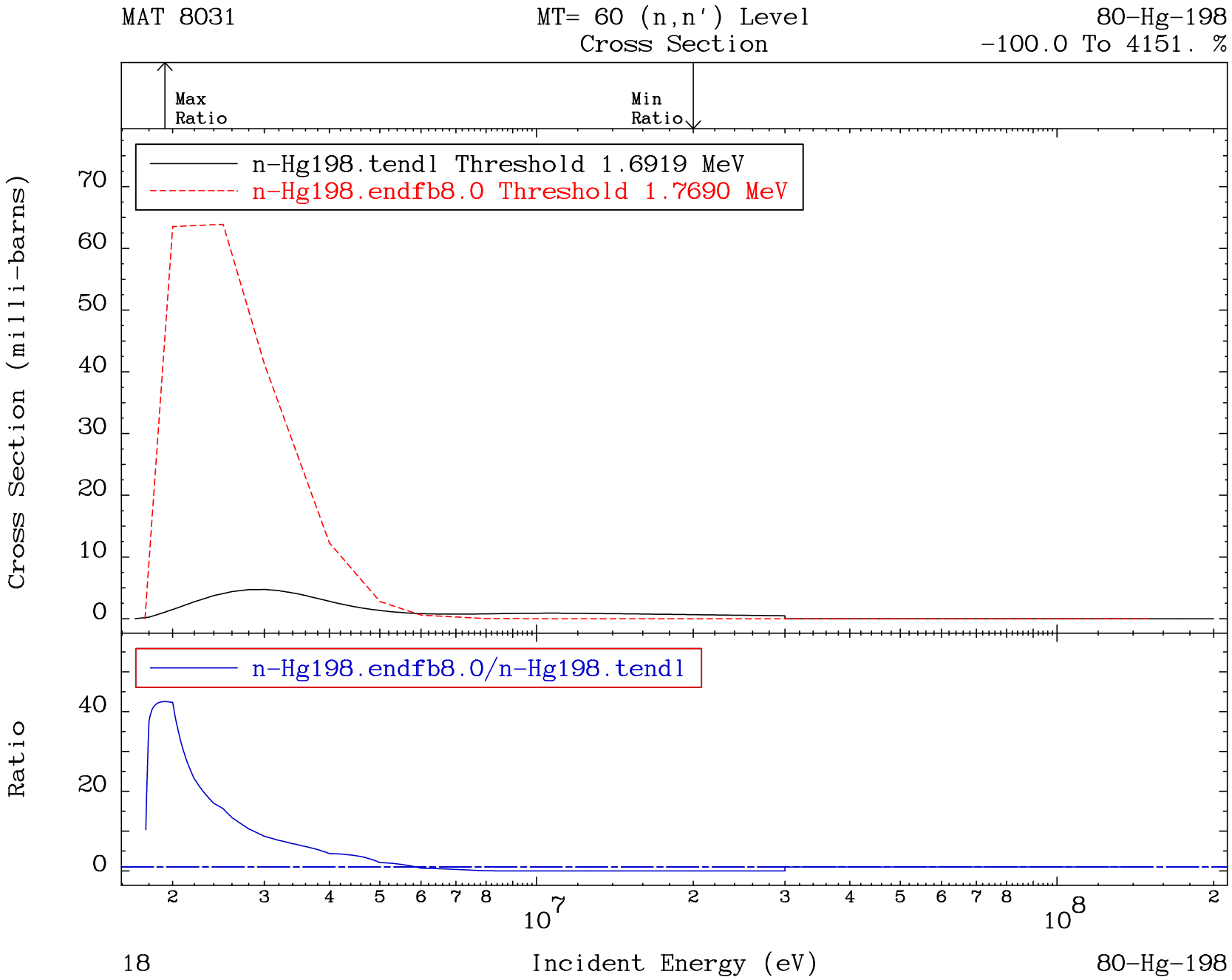

MAT 8031
MT= 55 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 110.0 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 1.4266 MeV
n-Hg198.endfb8.0 Threshold 1.4266 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.0
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
13
Incident Energy (eV)
80-Hg-198

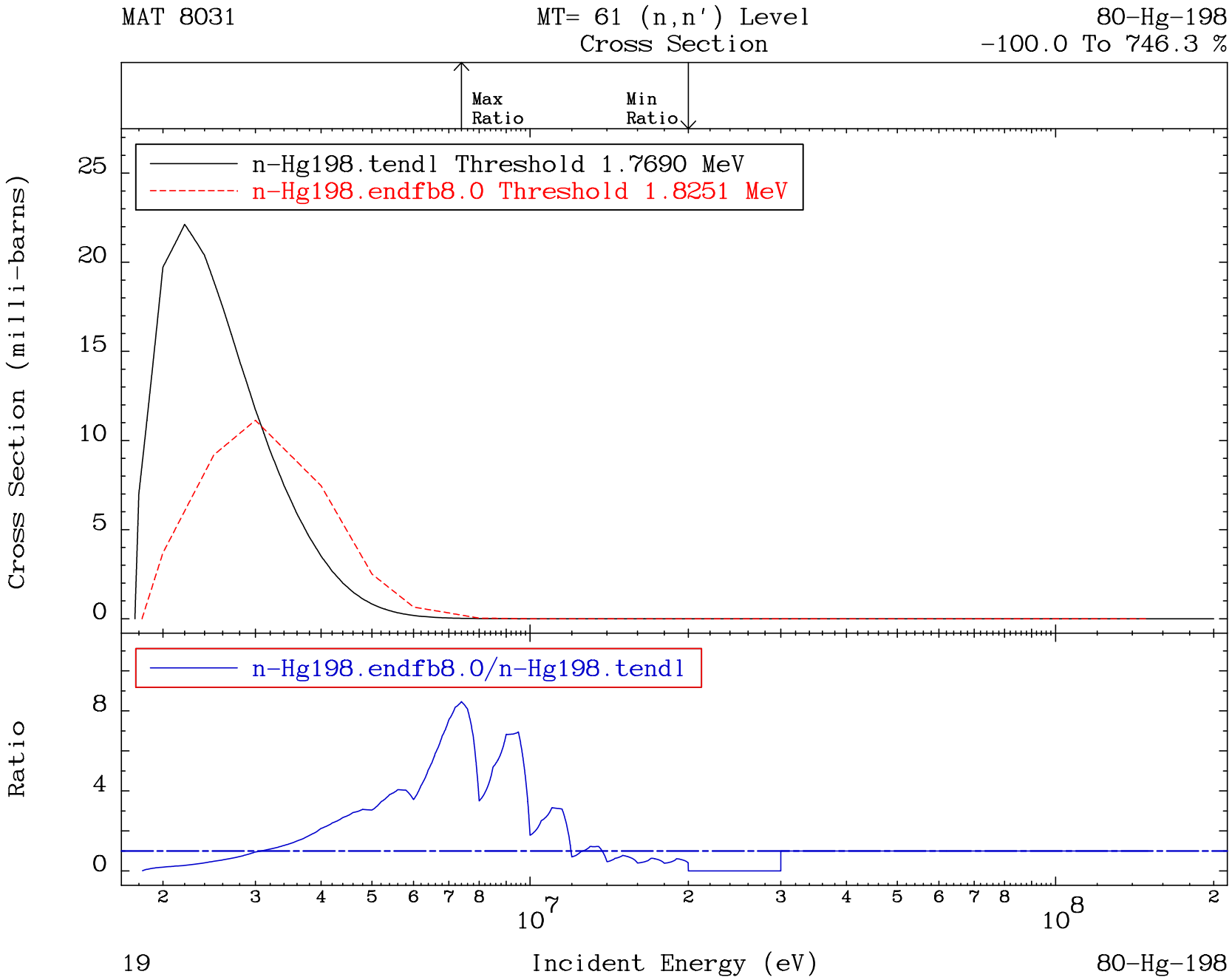

MAT 8031
MT= 56 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 1.5564 MeV
n-Hg198.endfb8.0 Threshold 1.5564 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
14
Incident Energy (eV)
80-Hg-198

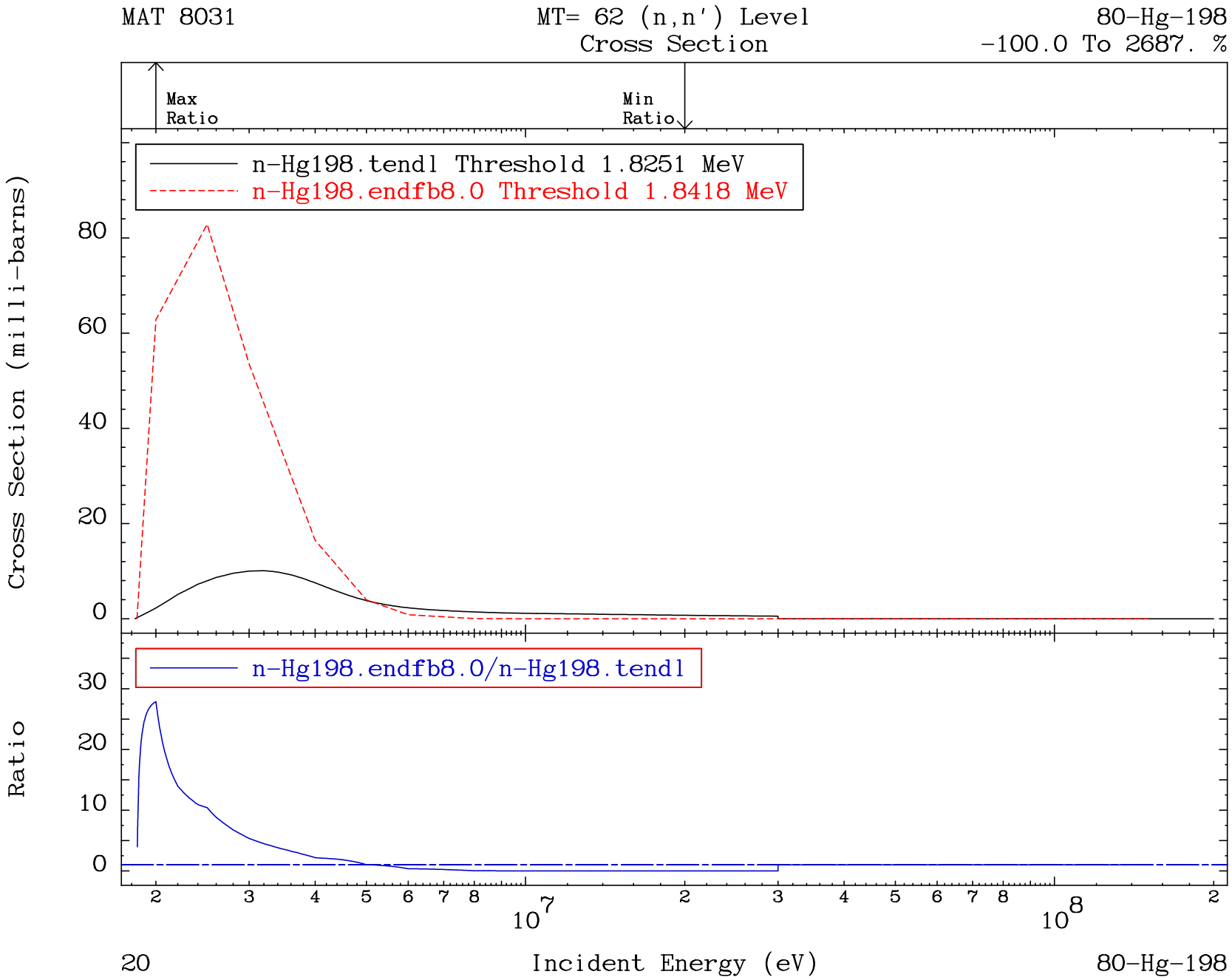

MAT 8031
MT= 57 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 965.4 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 1.5579 MeV
n-Hg198.endfb8.0 Threshold 1.6206 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
12
8
4
0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
15
Incident Energy (eV)
80-Hg-198

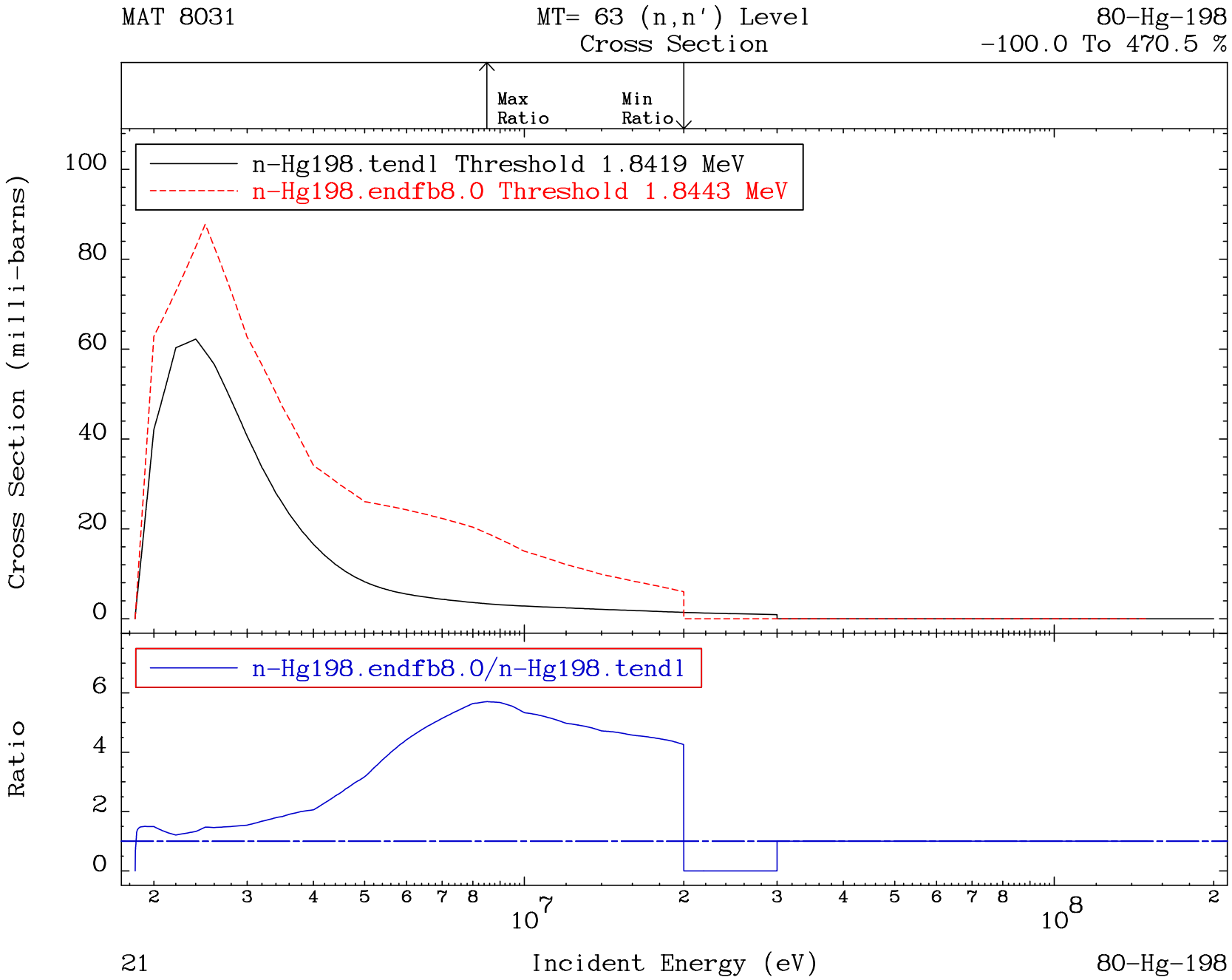

MAT 8031
MT= 58 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 15.64 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.6207 MeV
n-Hg198.endfb8.0 Threshold 1.6439 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
16
Incident Energy (eV)
80-Hg-198

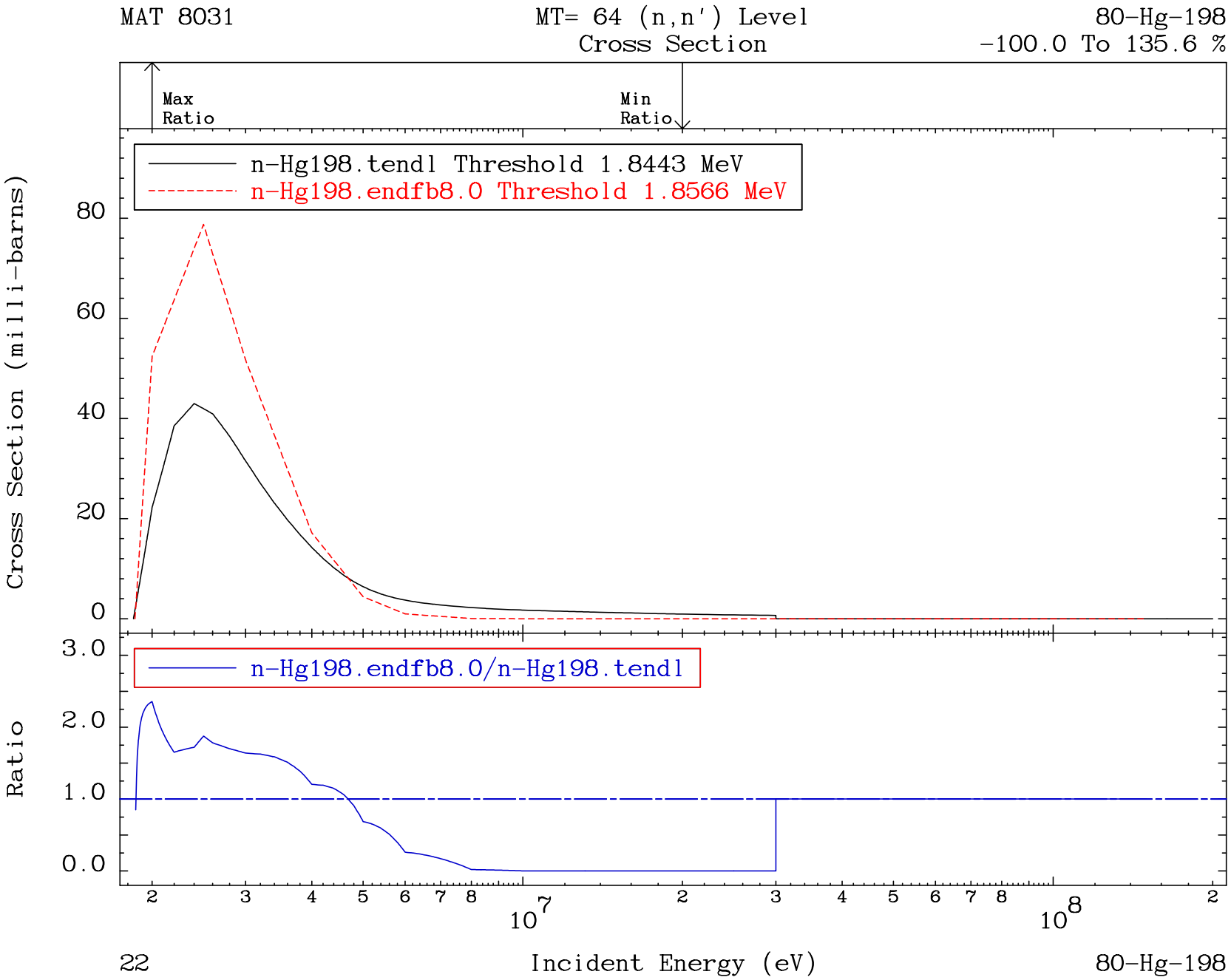

MAT 8031
MT= 59 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 1.6439 MeV
n-Hg198.endfb8.0 Threshold 1.6919 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
17
Incident Energy (eV)
80-Hg-198

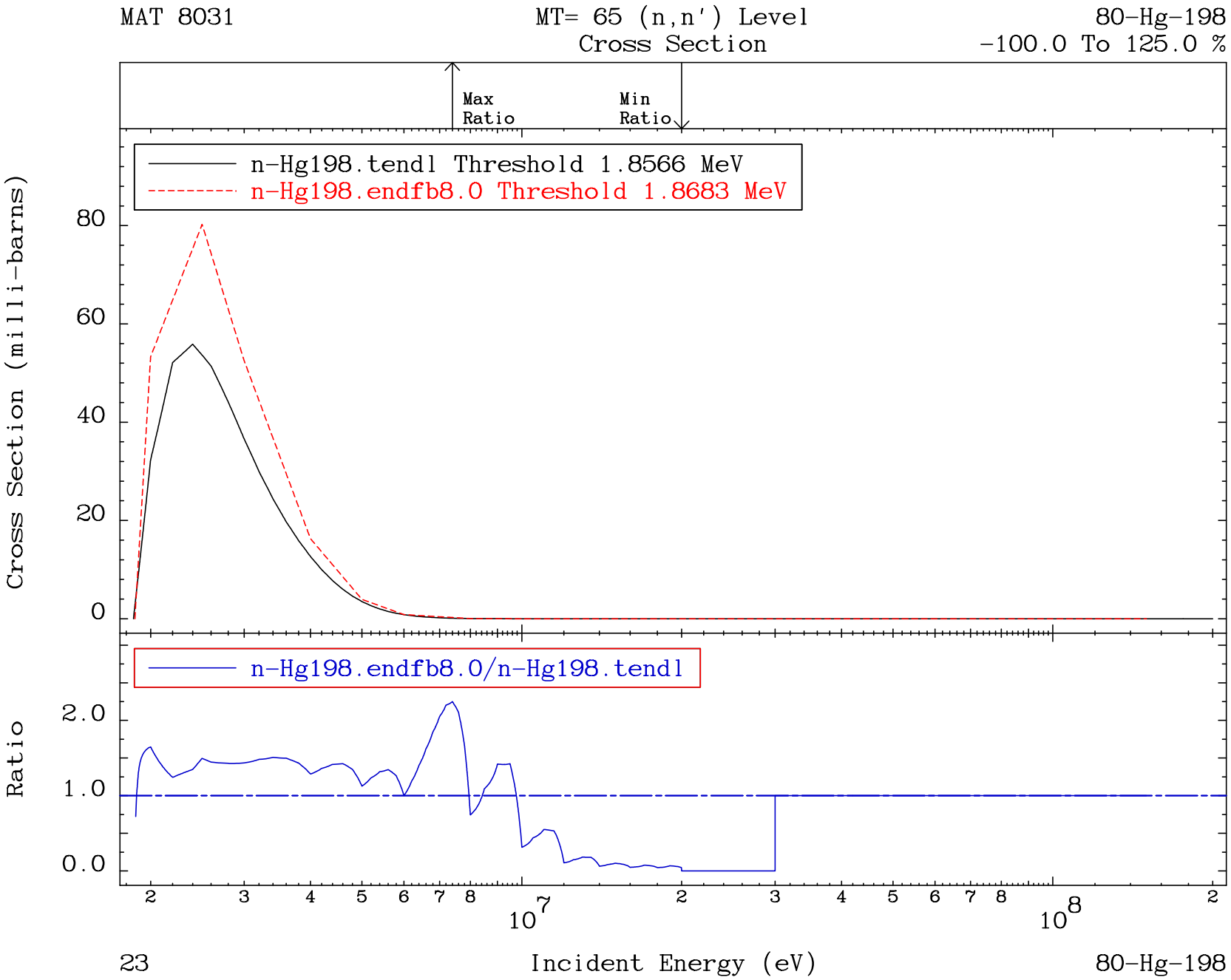

MAT 8031
MT= 60 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 4151. %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.6919 MeV
n-Hg198.endfb8.0 Threshold 1.7690 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
40
20
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
18
Incident Energy (eV)
80-Hg-198

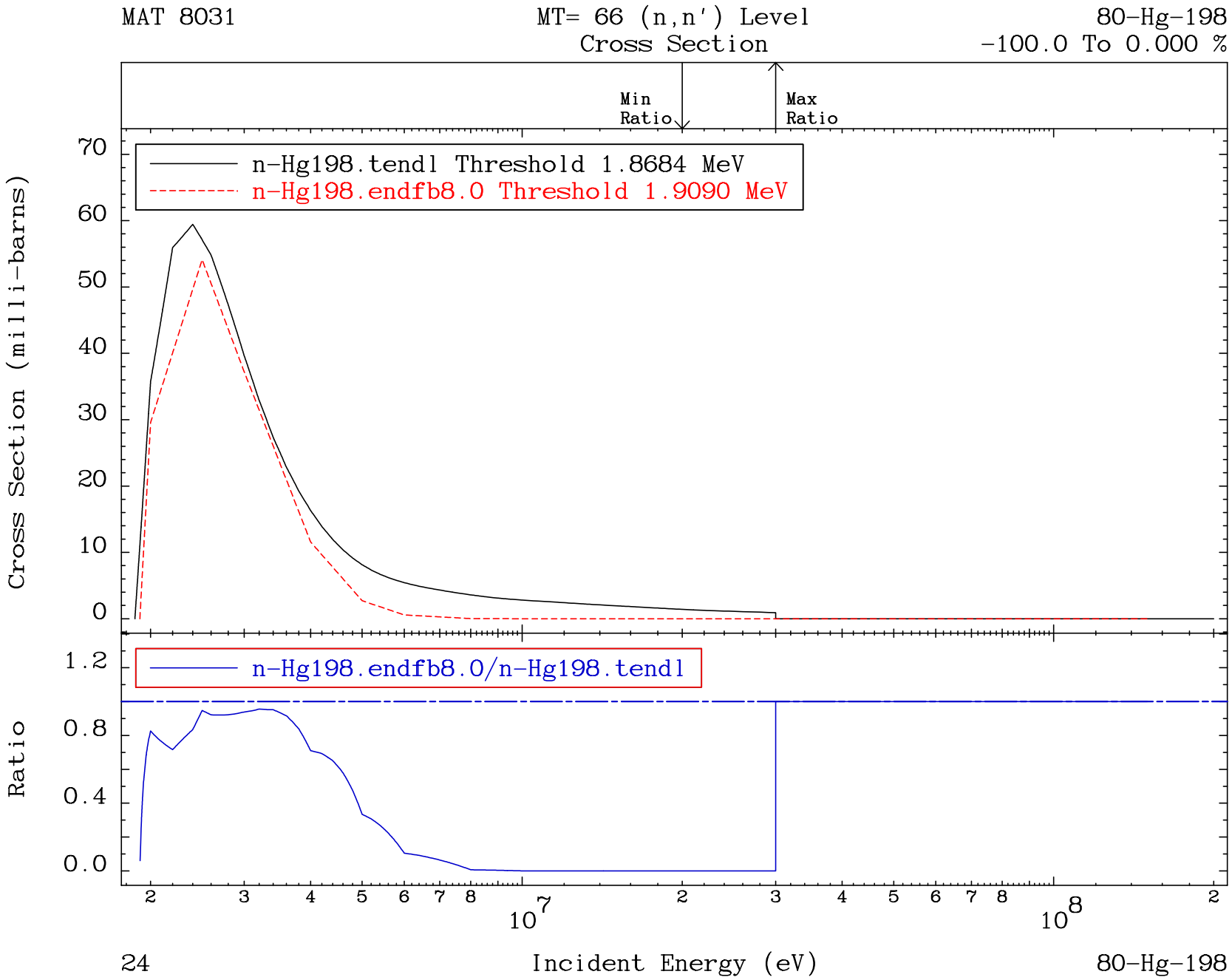

MAT 8031
MT= 61 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 746.3 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.7690 MeV
n-Hg198.endfb8.0 Threshold 1.8251 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
8
4
0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
19
Incident Energy (eV)
80-Hg-198

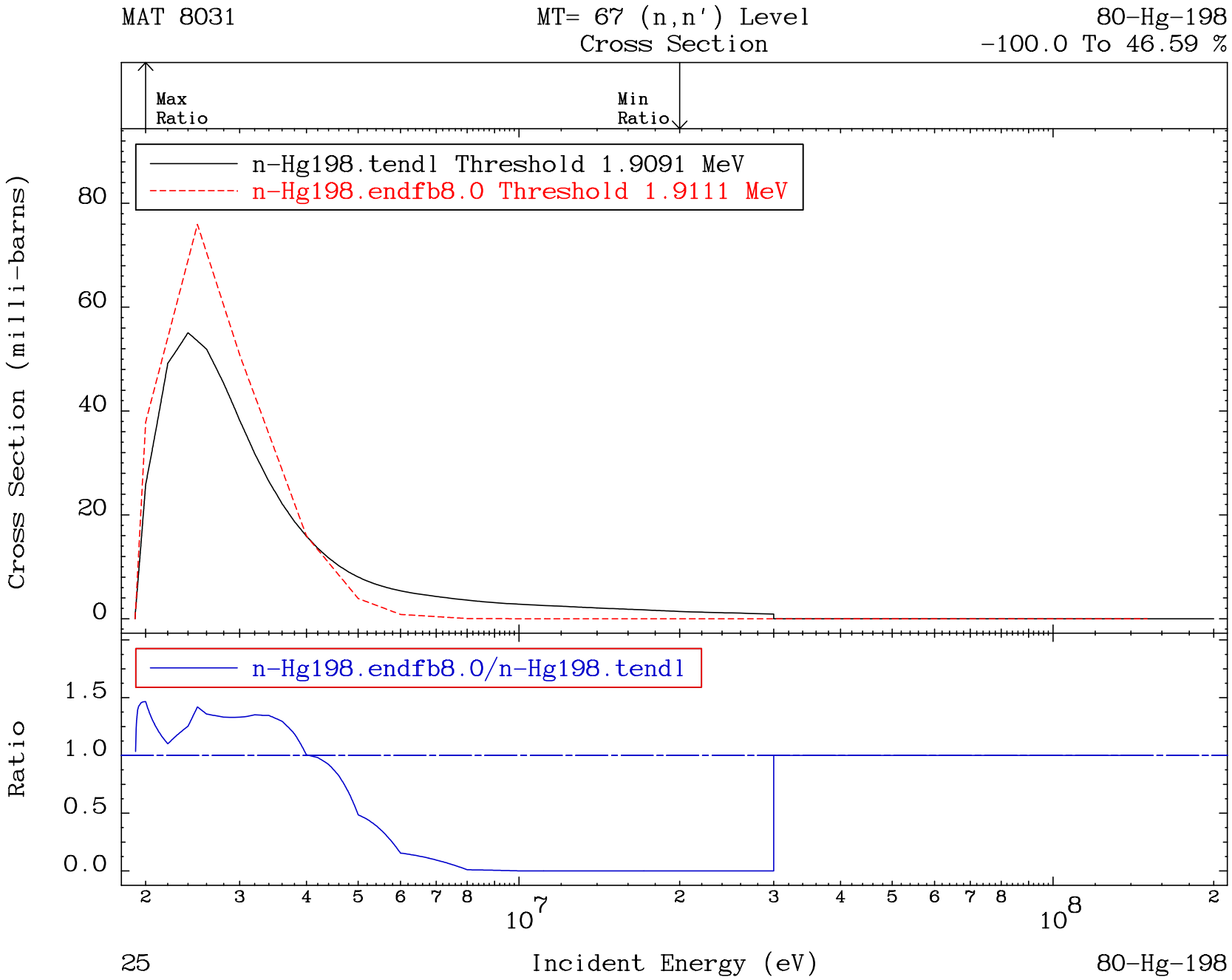

MAT 8031
MT= 62 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 2687. %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 1.8251 MeV
n-Hg198.endfb8.0 Threshold 1.8418 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
30
20
10
0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
20
Incident Energy (eV)
80-Hg-198

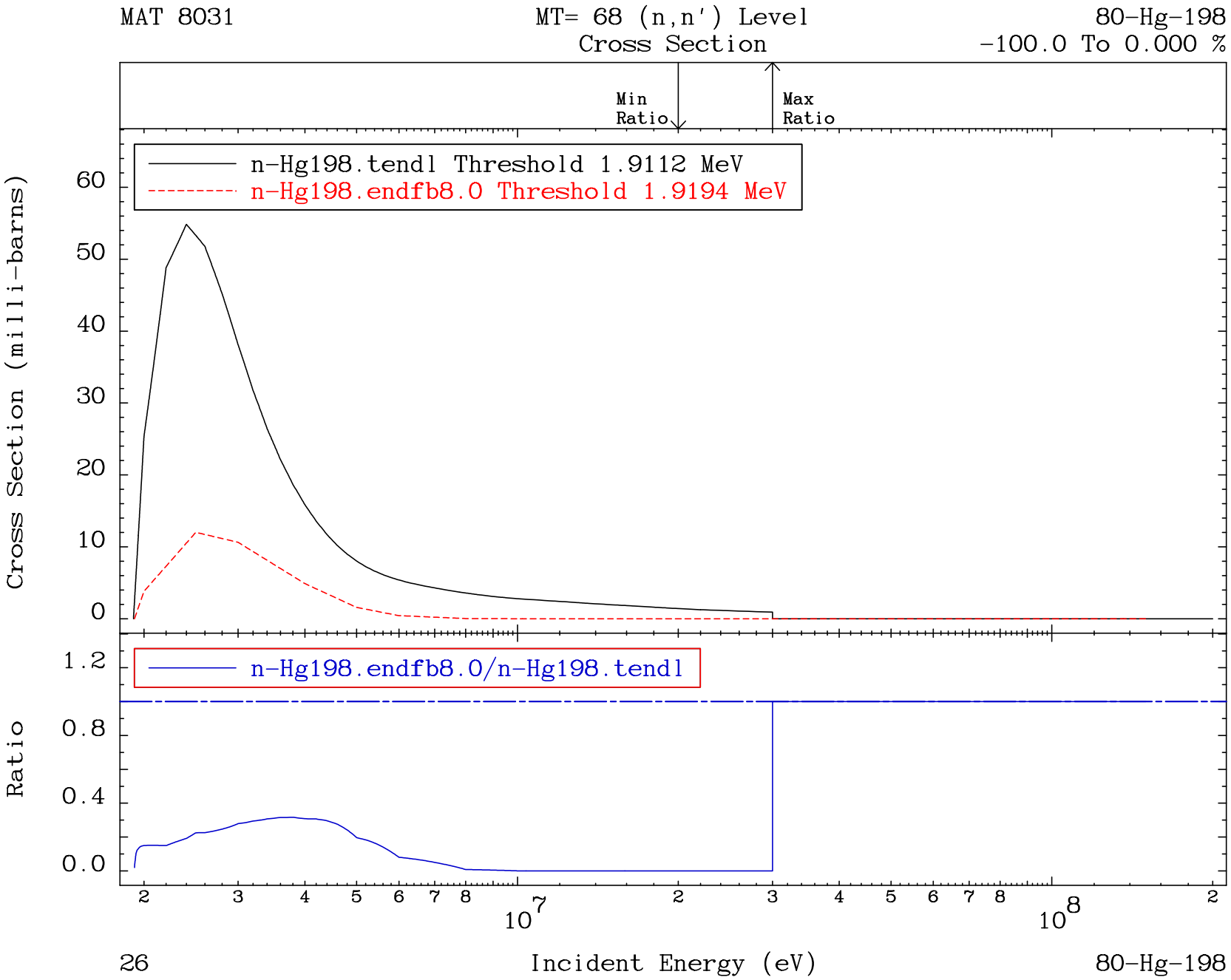

MAT 8031
MT= 63 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 470.5 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.8419 MeV
n-Hg198.endfb8.0 Threshold 1.8443 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
6
4
2
0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
21
Incident Energy (eV)
80-Hg-198

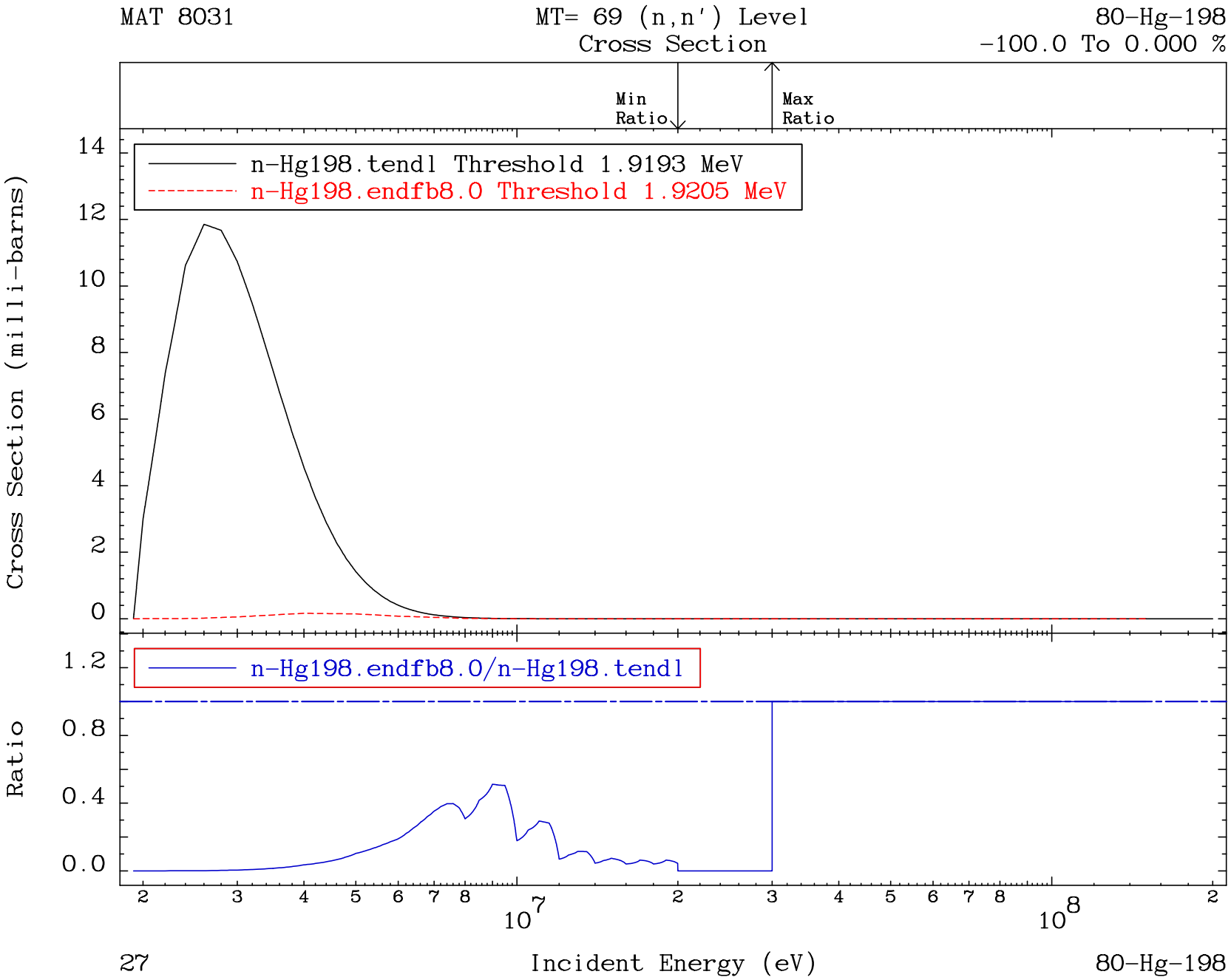

MAT 8031
MT= 64 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 135.6 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 1.8443 MeV
n-Hg198.endfb8.0 Threshold 1.8566 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
3.0
2.0
1.0
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
22
Incident Energy (eV)
80-Hg-198

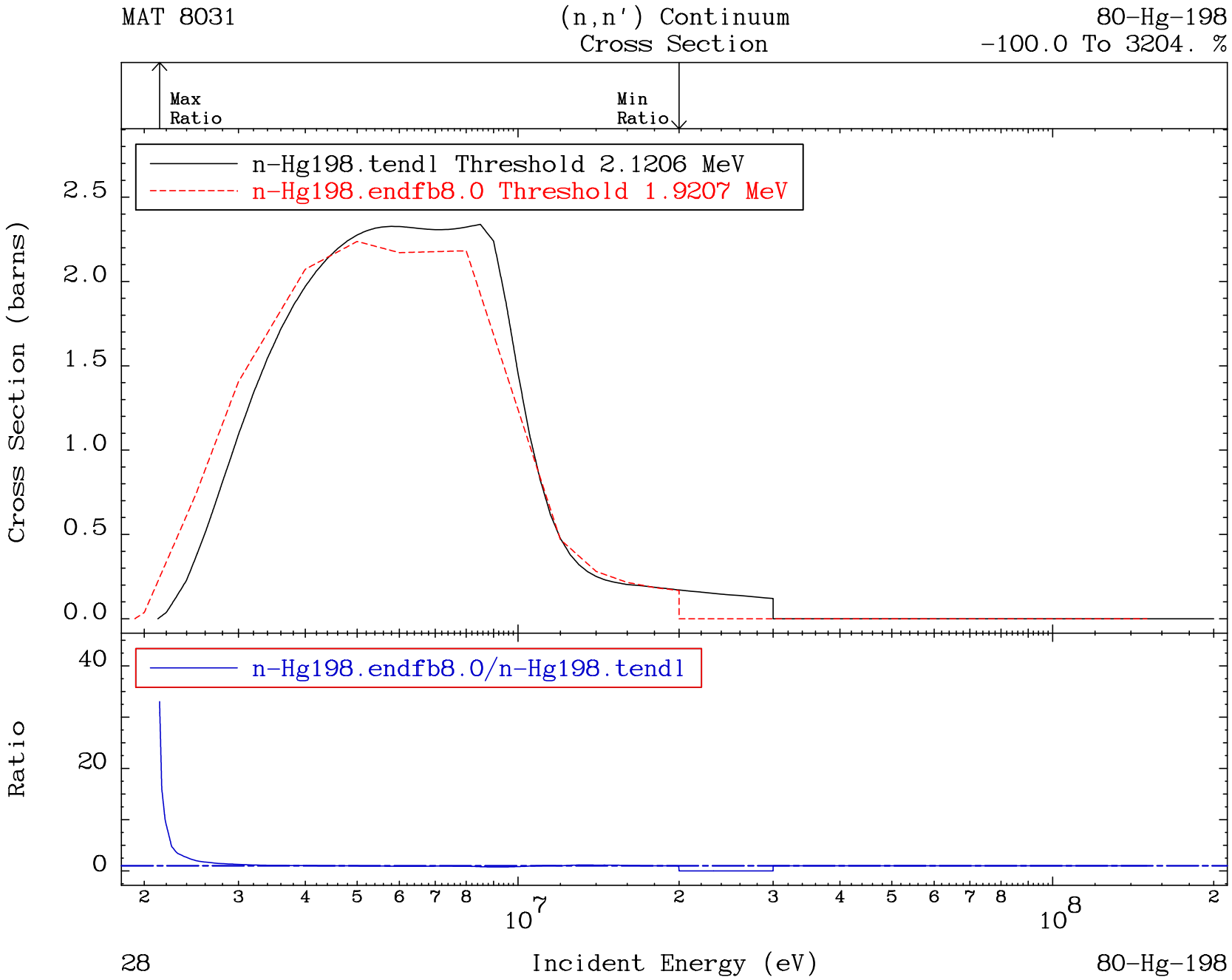

MAT 8031
MT= 65 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 125.0 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 1.8566 MeV
n-Hg198.endfb8.0 Threshold 1.8683 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.0
0.0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
80-Hg-198

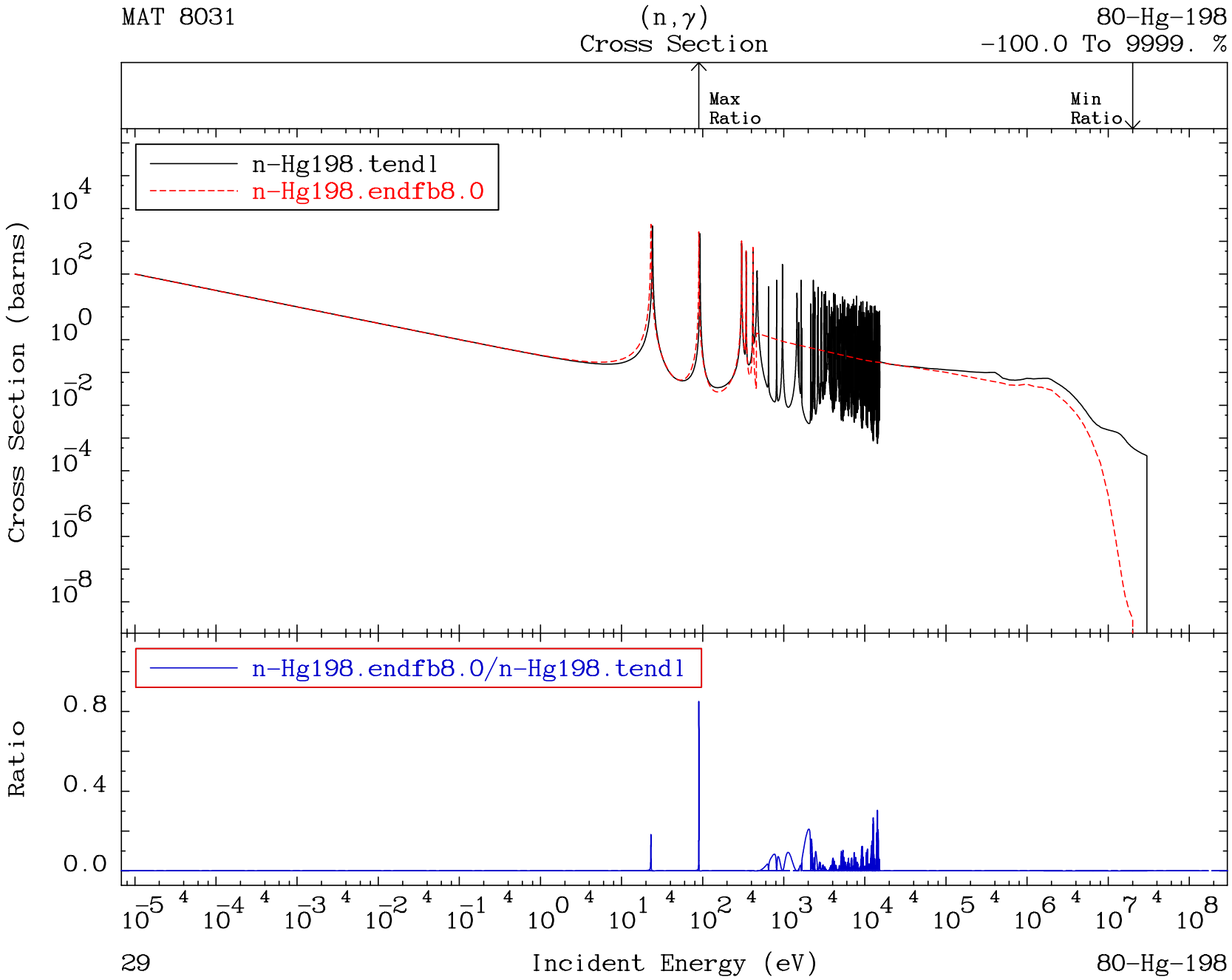

MAT 8031
MT= 66 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 1.8684 MeV
n-Hg198.endfb8.0 Threshold 1.9090 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
80-Hg-198

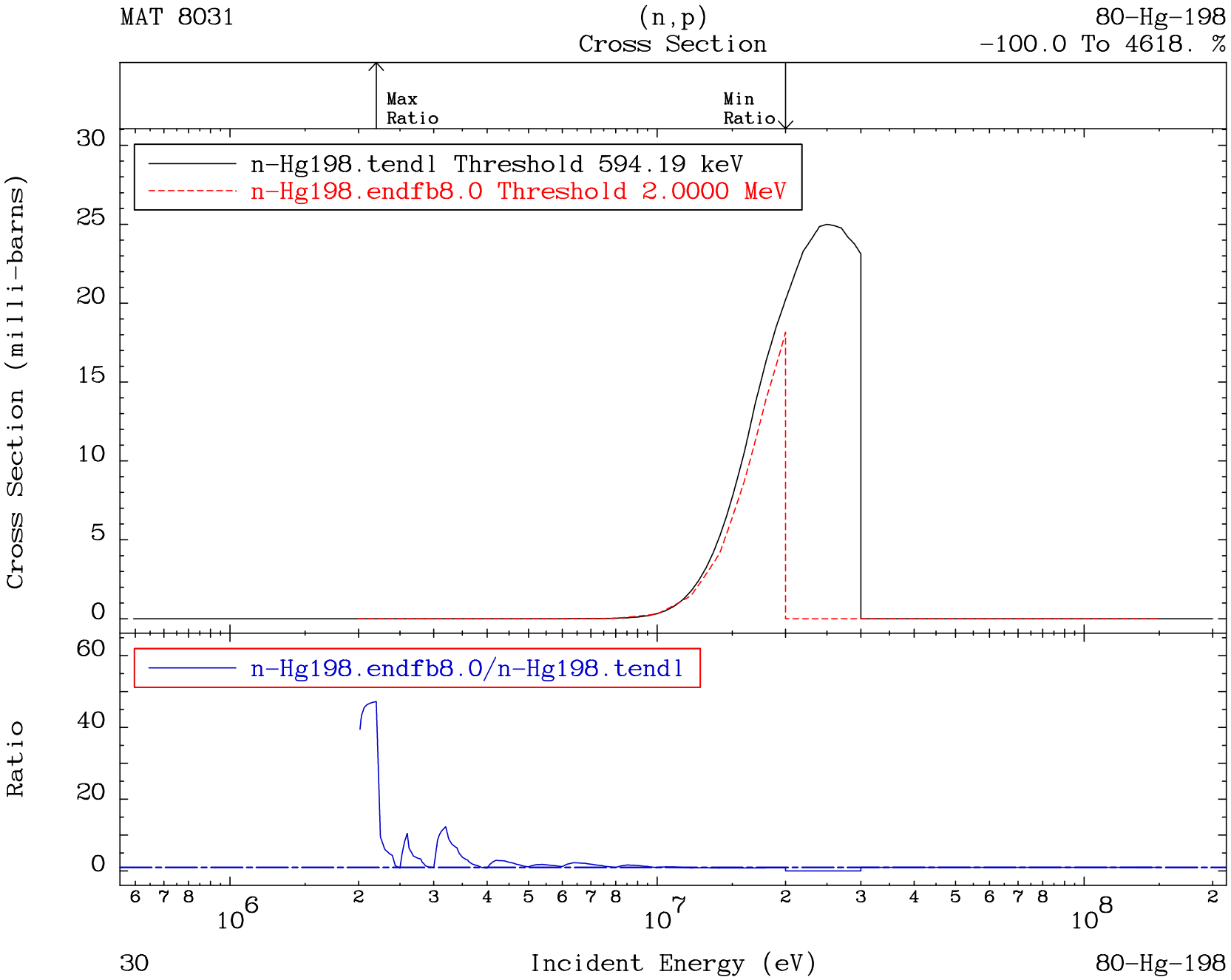

MAT 8031
MT= 67 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 46.59 %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 1.9091 MeV
n-Hg198.endfb8.0 Threshold 1.9111 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.5
1.0
0.5
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
25
Incident Energy (eV)
80-Hg-198

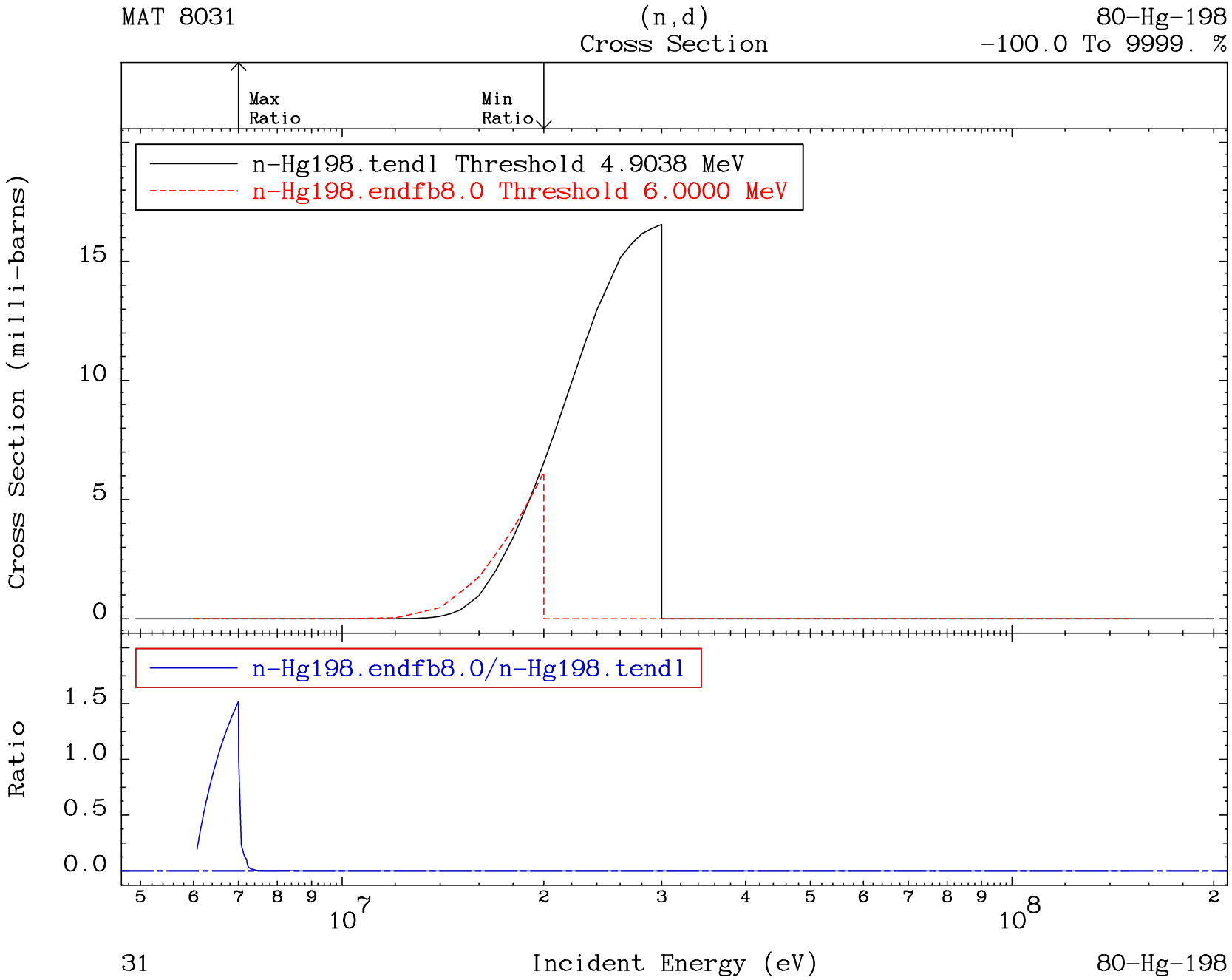

MAT 8031
MT= 68 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 1.9112 MeV
n-Hg198.endfb8.0 Threshold 1.9194 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
26
Incident Energy (eV)
80-Hg-198

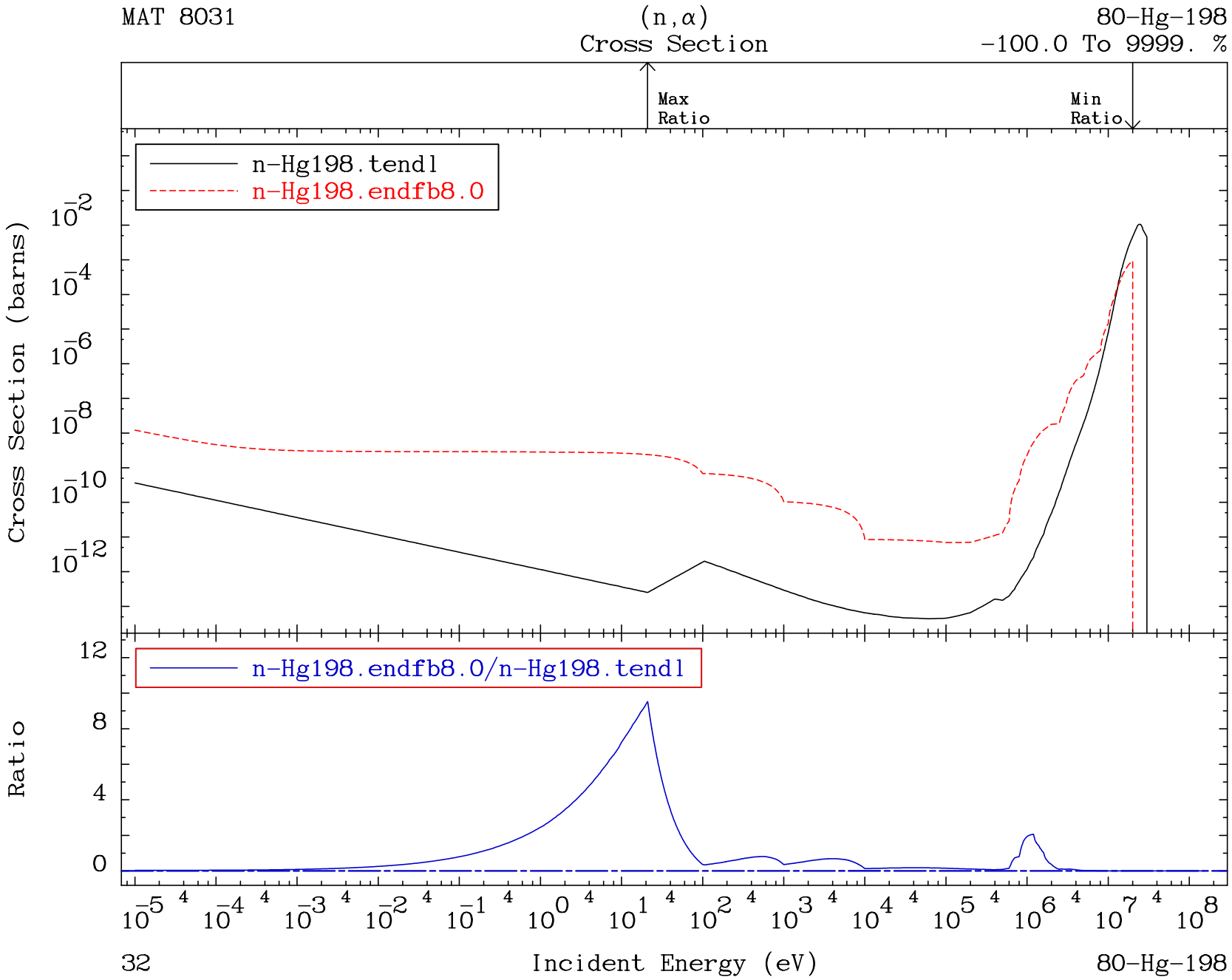

MAT 8031
MT= 69 (n,n') Level
Cross Section
80-Hg-198
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 1.9193 MeV
n-Hg198.endfb8.0 Threshold 1.9205 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
27
Incident Energy (eV)
80-Hg-198

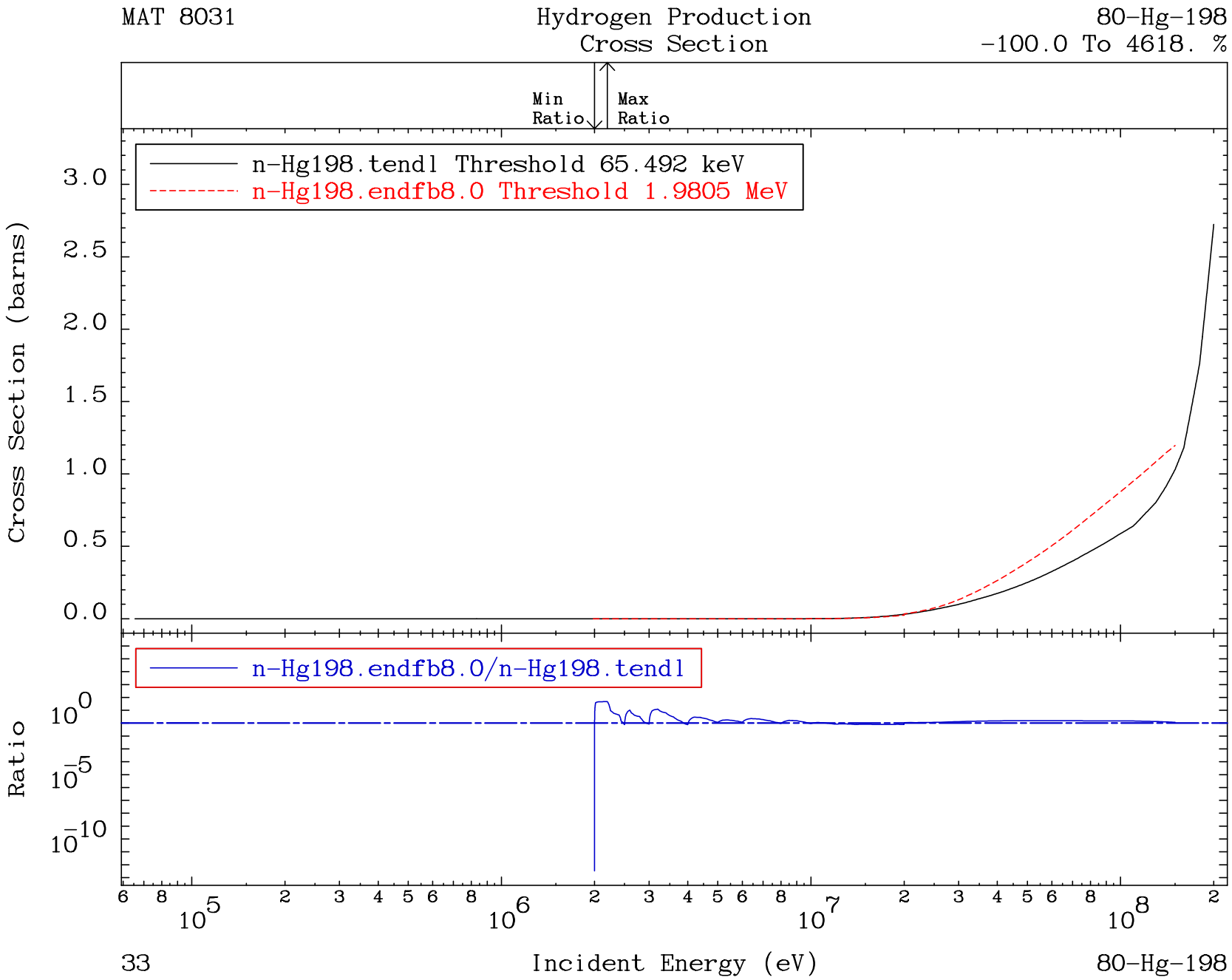

MAT 8031
(n,n') Continuum
Cross Section
80-Hg-198
-100.0 To 3204. %
Max
Ratio
Min
Ratio
n-Hg198.tendl Threshold 2.1206 MeV
n-Hg198.endfb8.0 Threshold 1.9207 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
40
20
0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
28
Incident Energy (eV)
80-Hg-198

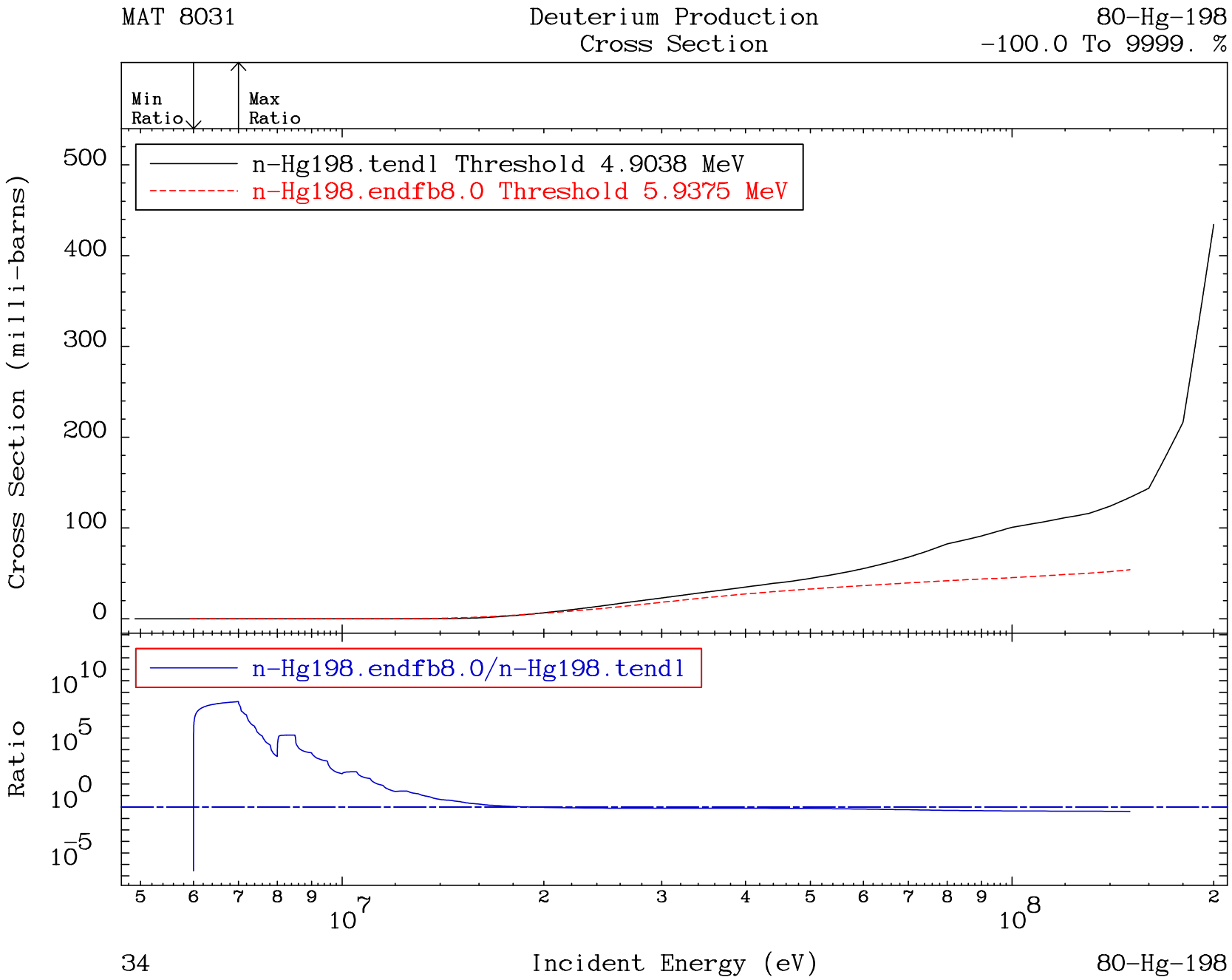

MAT 8031
(n,γ)
Cross Section
80-Hg-198
-100.0 To 9999. %
Max
Ratio
Min
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
10^4
10^2
10^0
10^-2
10^-4
10^-6
10^-8
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
0.8
0.4
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
29
Incident Energy (eV)
80-Hg-198

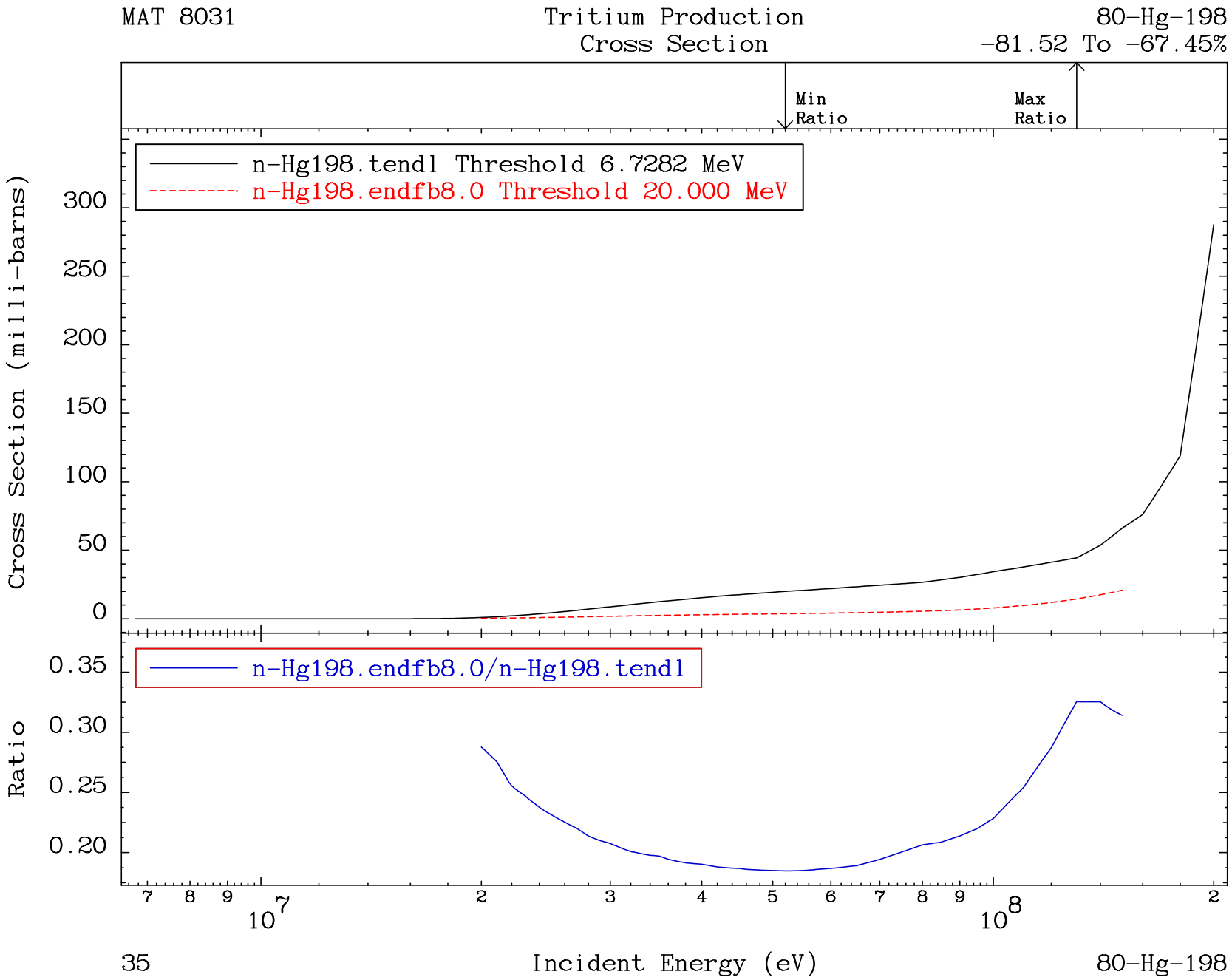

MAT 8031
(n,p)
Cross Section
80-Hg-198
-100.0 To 4618. %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 594.19 keV
n-Hg198.endfb8.0 Threshold 2.0000 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
60
40
20
0
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
30
Incident Energy (eV)
80-Hg-198

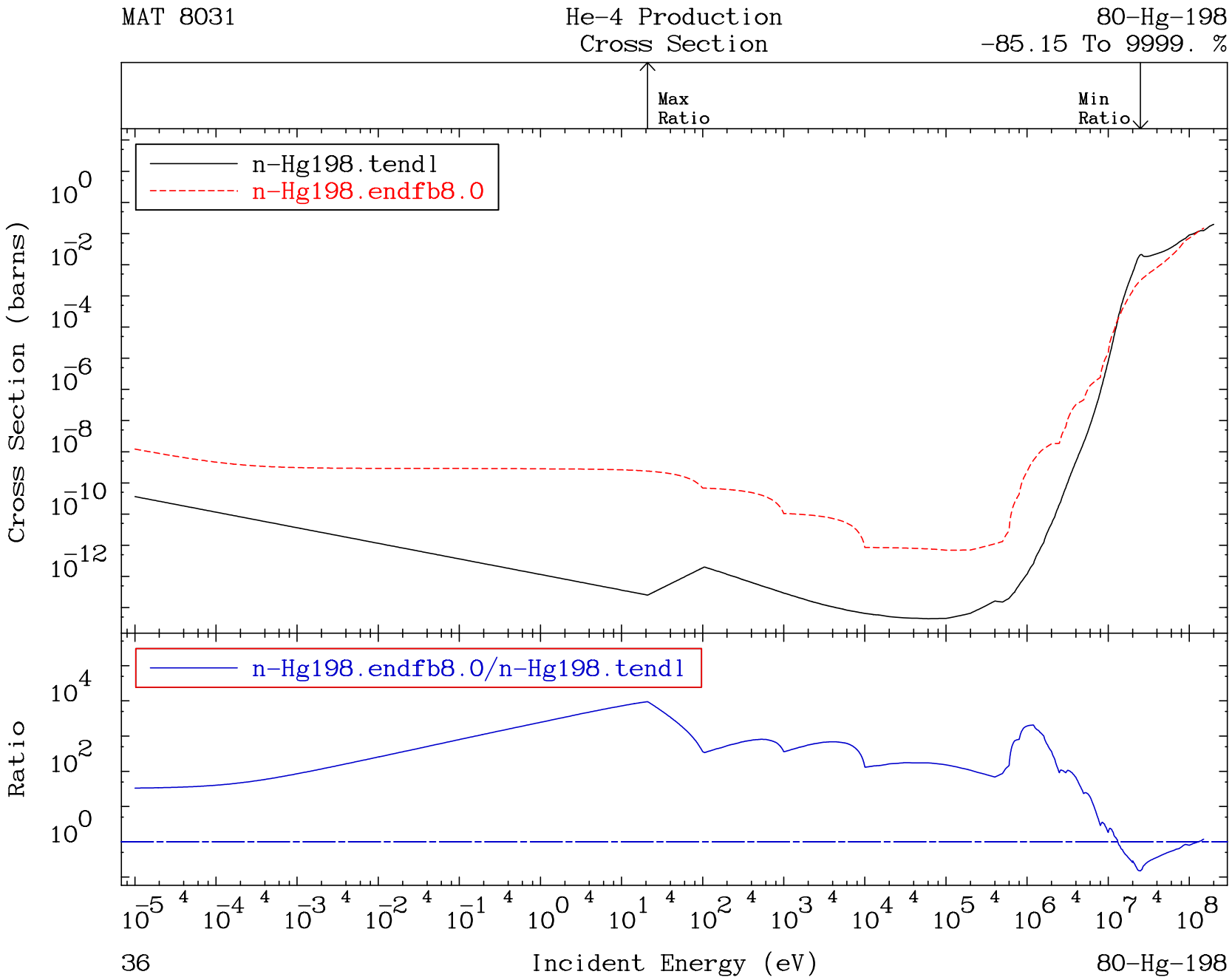

MAT 8031
(n,d)
Cross Section
80-Hg-198
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 4.9038 MeV
n-Hg198.endfb8.0 Threshold 6.0000 MeV
Cross Section (milli-barns)
15
10
5
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
1.5
1.0
0.5
0.0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
31
Incident Energy (eV)
80-Hg-198

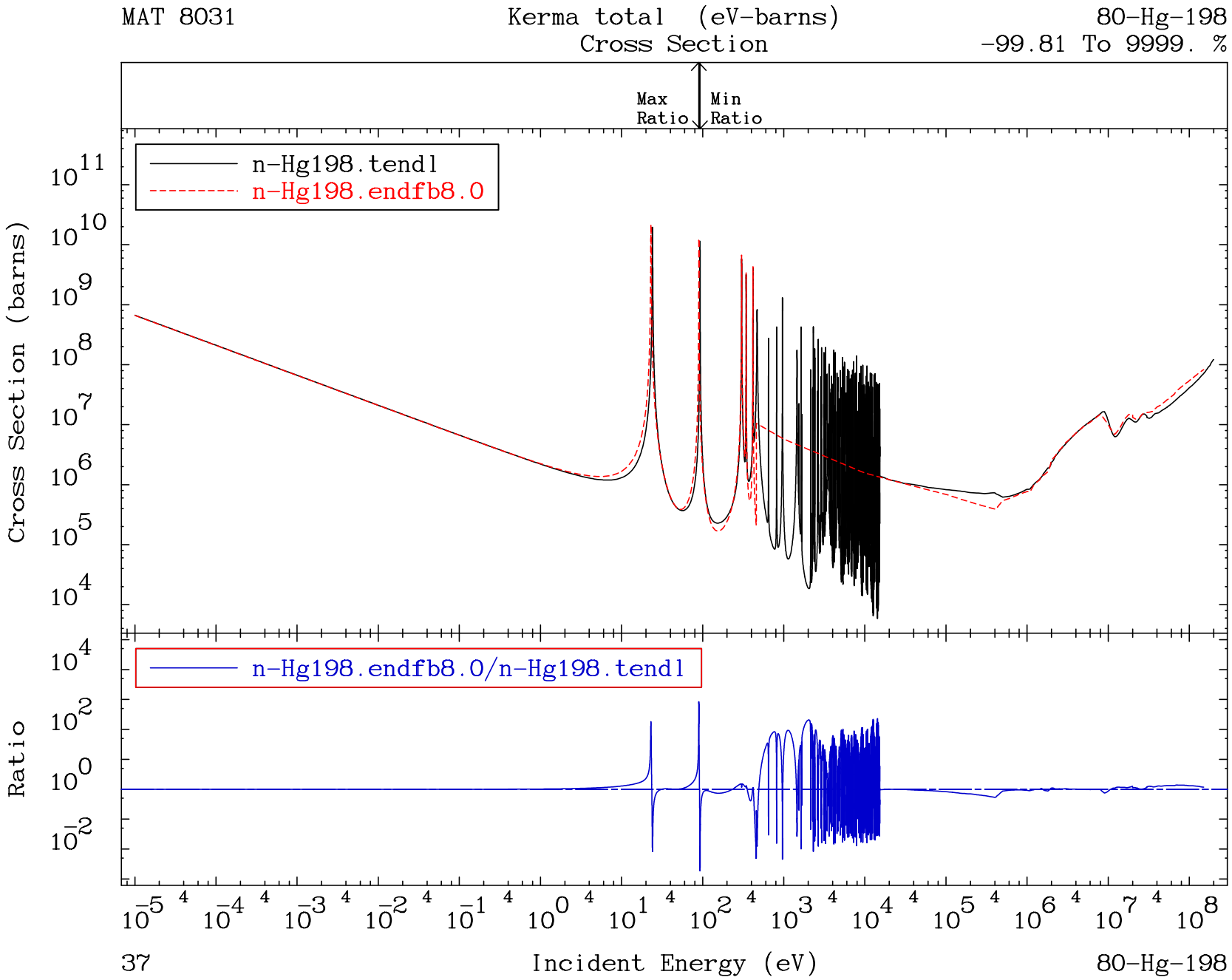

MAT 8031
(n,α)
Cross Section
80-Hg-198
-100.0 To 9999. %
Max
Ratio
Min
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
10-12
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
12
8
4
0
10-5
10-4
10-3
10-2
10-1
100
101
102
103
104
105
106
107
108
32
Incident Energy (eV)
80-Hg-198

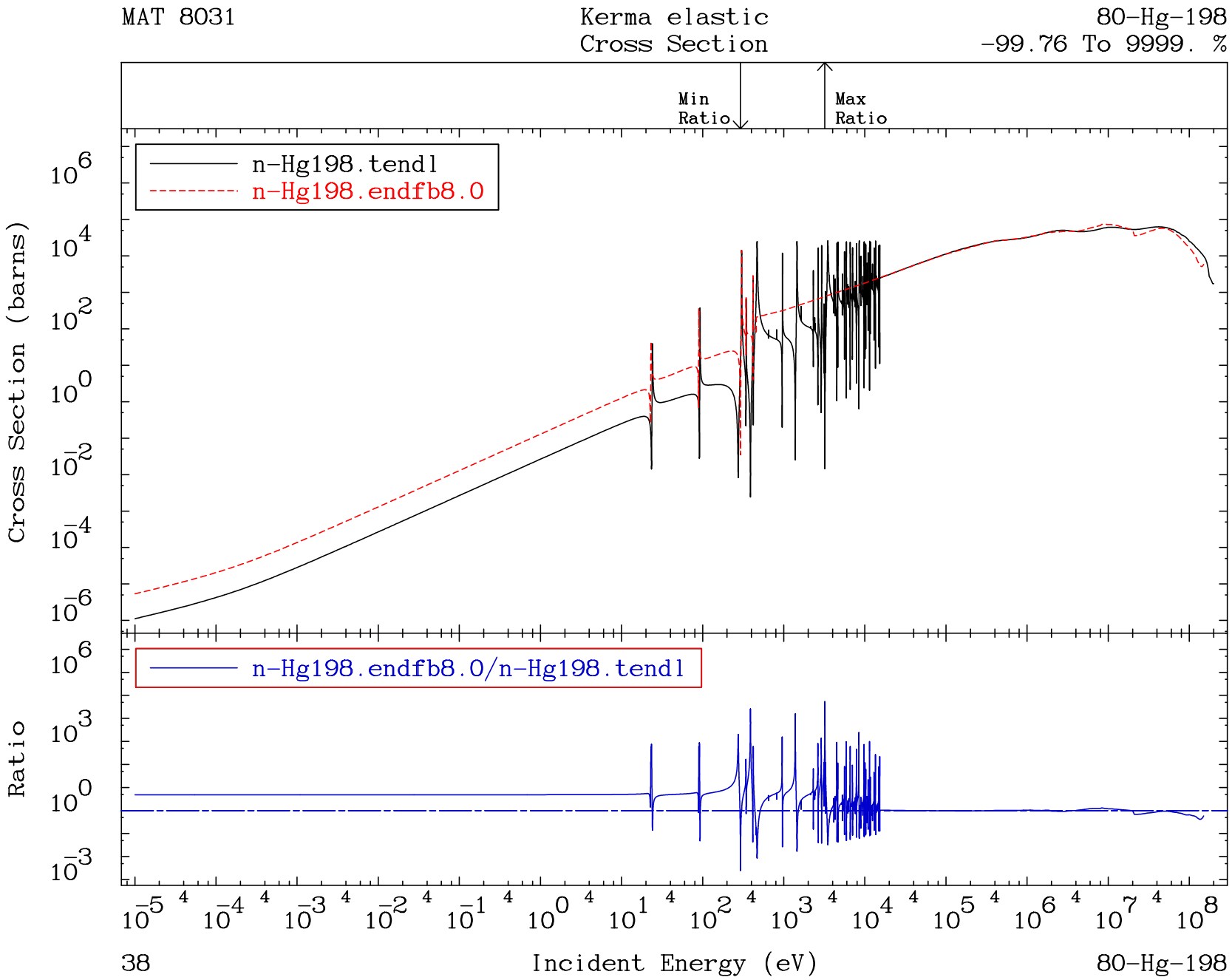

MAT 8031
Hydrogen Production
Cross Section
80-Hg-198
-100.0 To 4618. %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 65.492 keV
n-Hg198.endfb8.0 Threshold 1.9805 MeV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
10^0
10^-5
10^-10
6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
33
Incident Energy (eV)
80-Hg-198

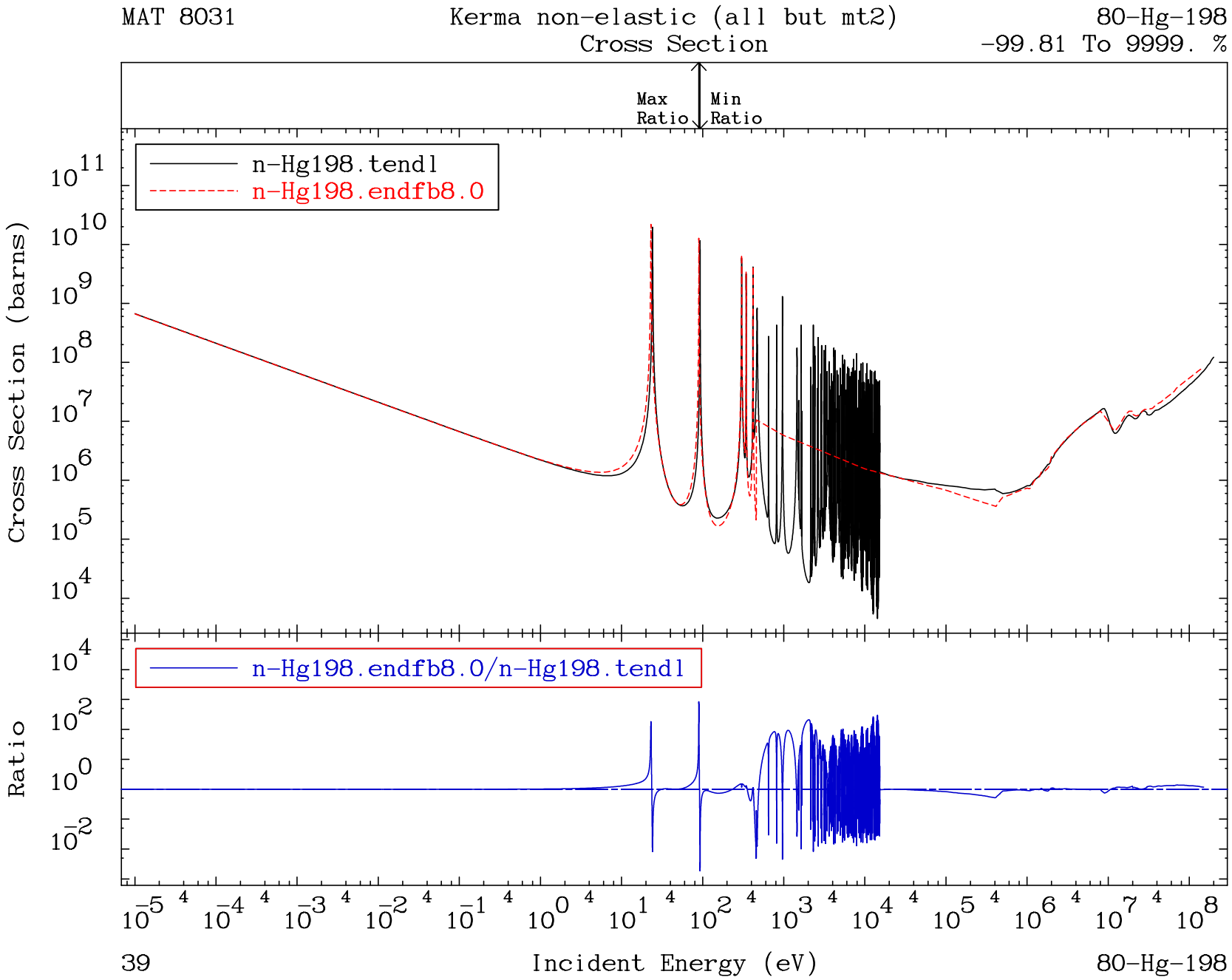

MAT 8031
Deuterium Production
Cross Section
80-Hg-198
-100.0 To 9999. %
Min Ratio
Max Ratio
n-Hg198.tendl Threshold 4.9038 MeV
n-Hg198.endfb8.0 Threshold 5.9375 MeV
Cross Section (milli-barns)
500
400
300
200
100
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
10^10
10^5
10^0
10^-5
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
80-Hg-198

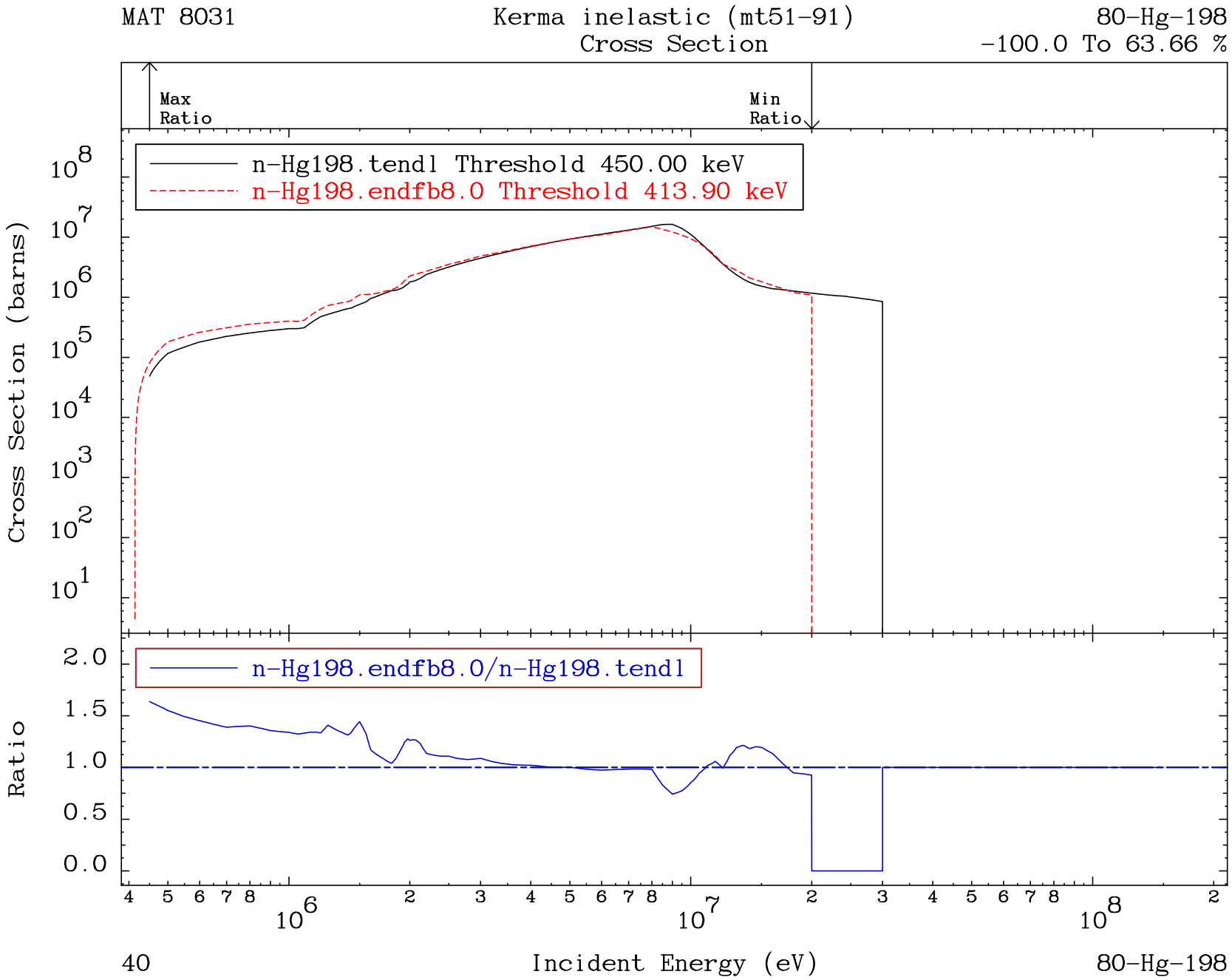

MAT 8031
Tritium Production
Cross Section
80-Hg-198
-81.52 To -67.45%
Min
Ratio
Max
Ratio
n-Hg198.tendl Threshold 6.7282 MeV
n-Hg198.endfb8.0 Threshold 20.000 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
0.35
0.30
0.25
0.20
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
35
Incident Energy (eV)
80-Hg-198

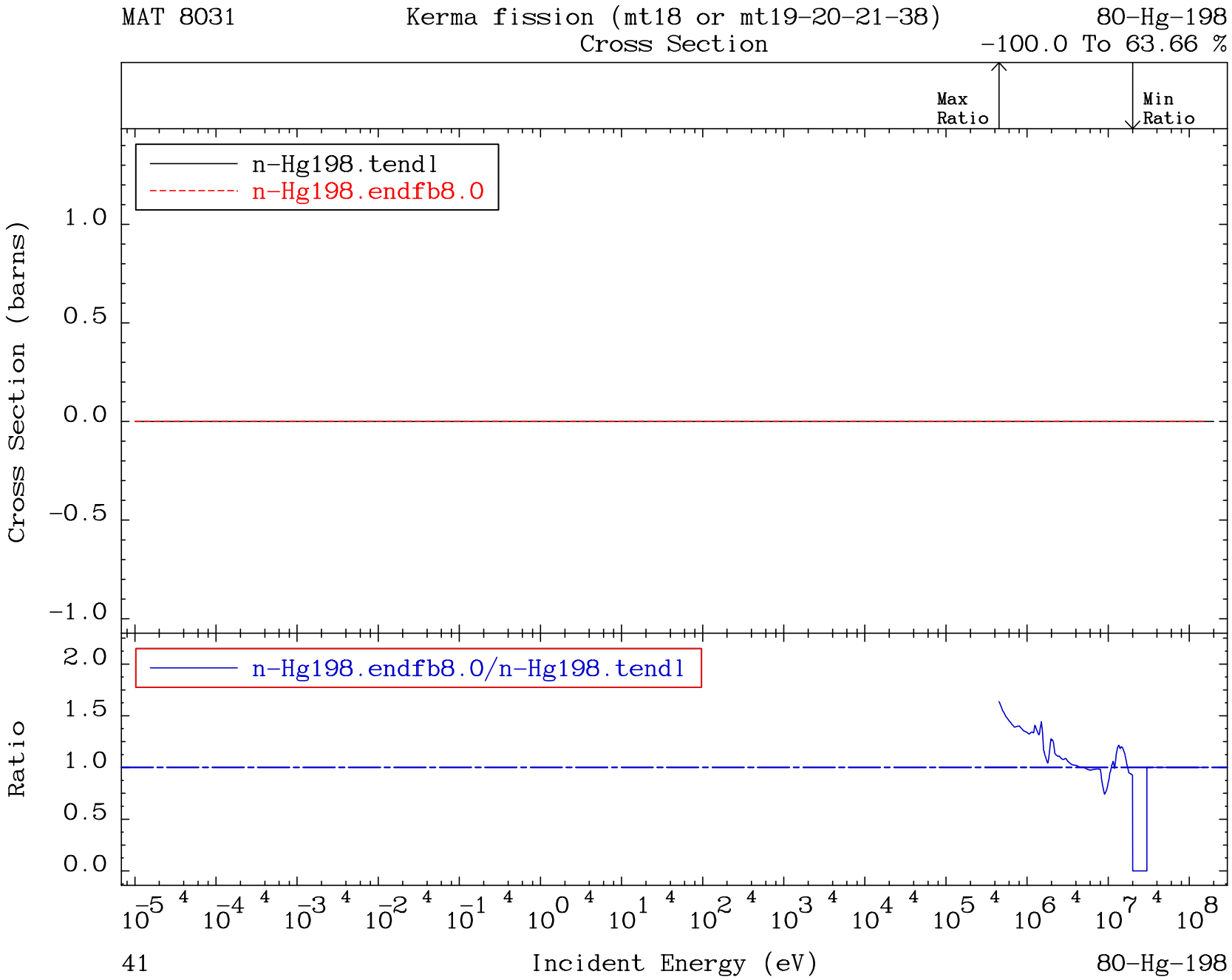

MAT 8031
He-4 Production
Cross Section
80-Hg-198
-85.15 To 9999. %
Max
Ratio
Min
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
36
80-Hg-198

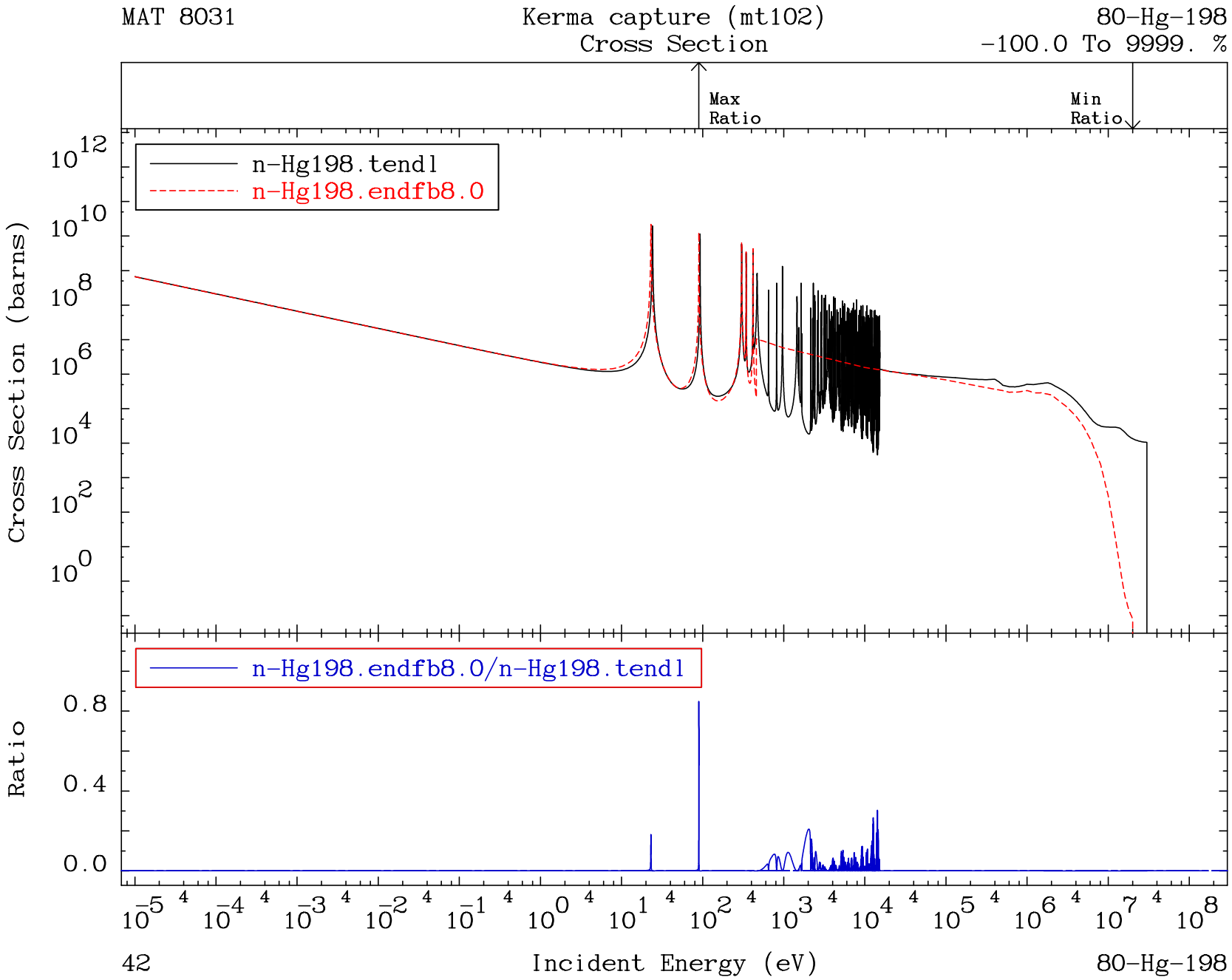

MAT 8031
Kerma total (eV-barns)
Cross Section
80-Hg-198
-99.81 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
37
Incident Energy (eV)
80-Hg-198

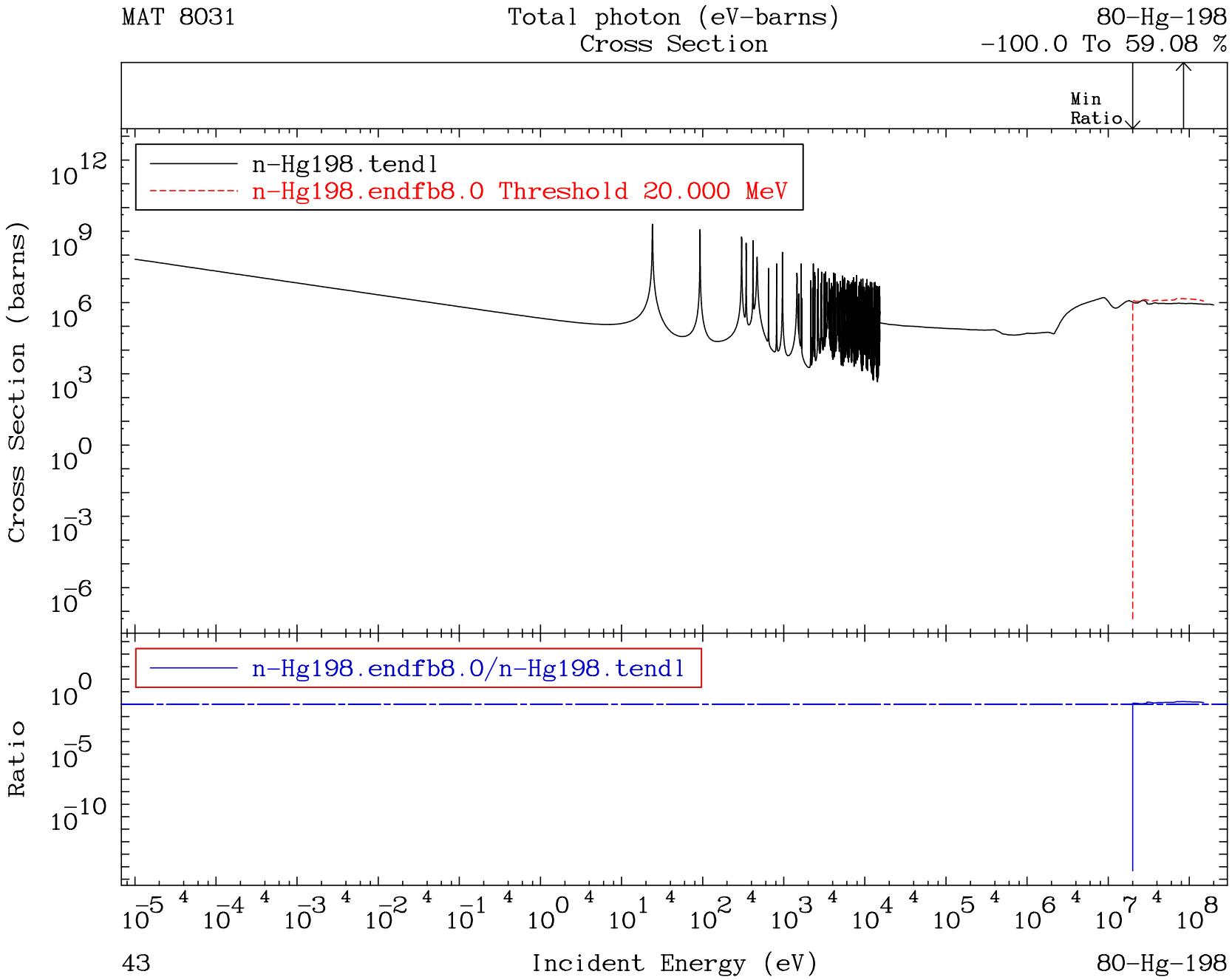

MAT 8031
Kerma elastic
Cross Section
80-Hg-198
-99.76 To 9999. %
Min
Ratio
Max
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
38
80-Hg-198

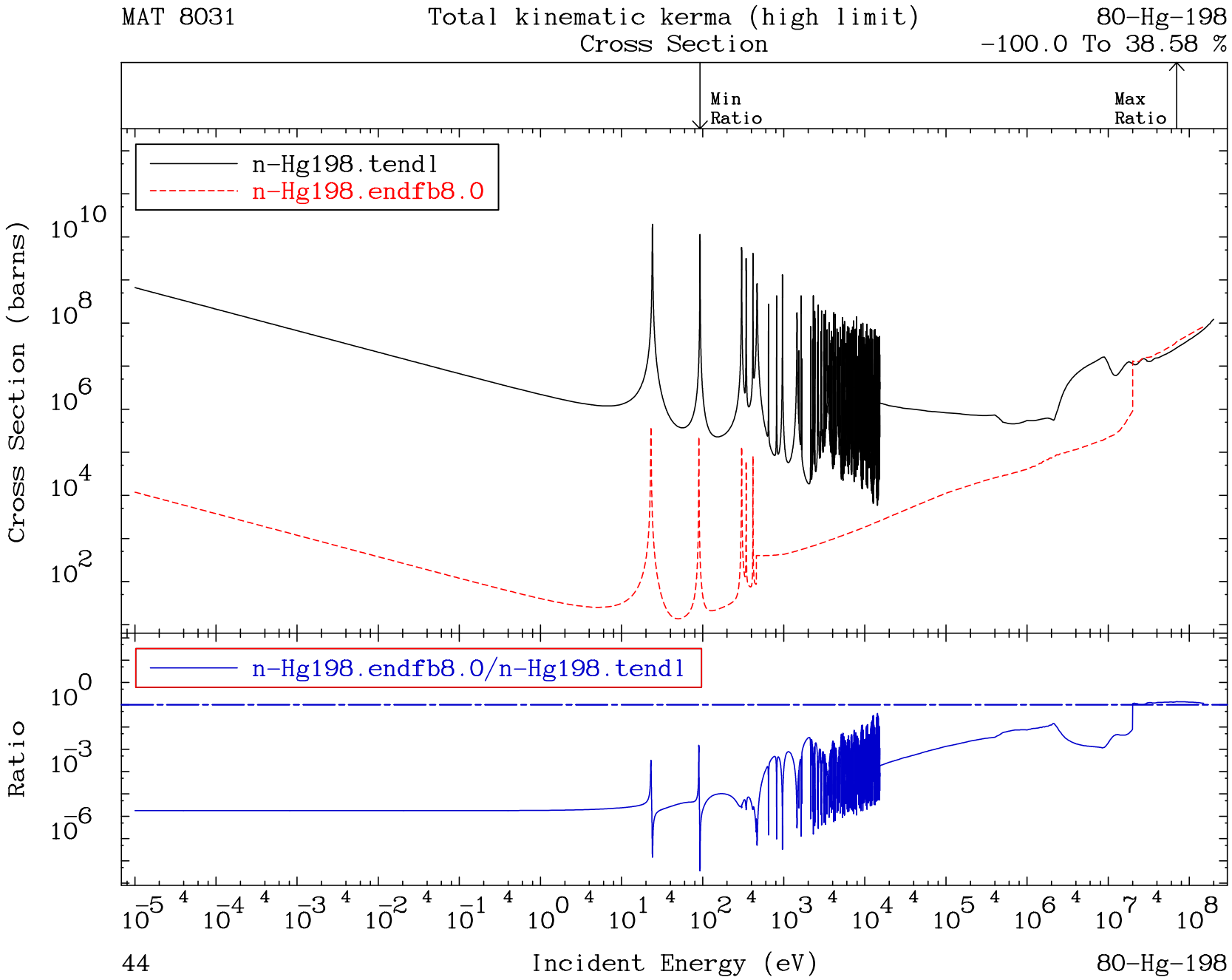

MAT 8031
Kerma non-elastic (all but mt2)
Cross Section
80-Hg-198
-99.81 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
39
Incident Energy (eV)
80-Hg-198

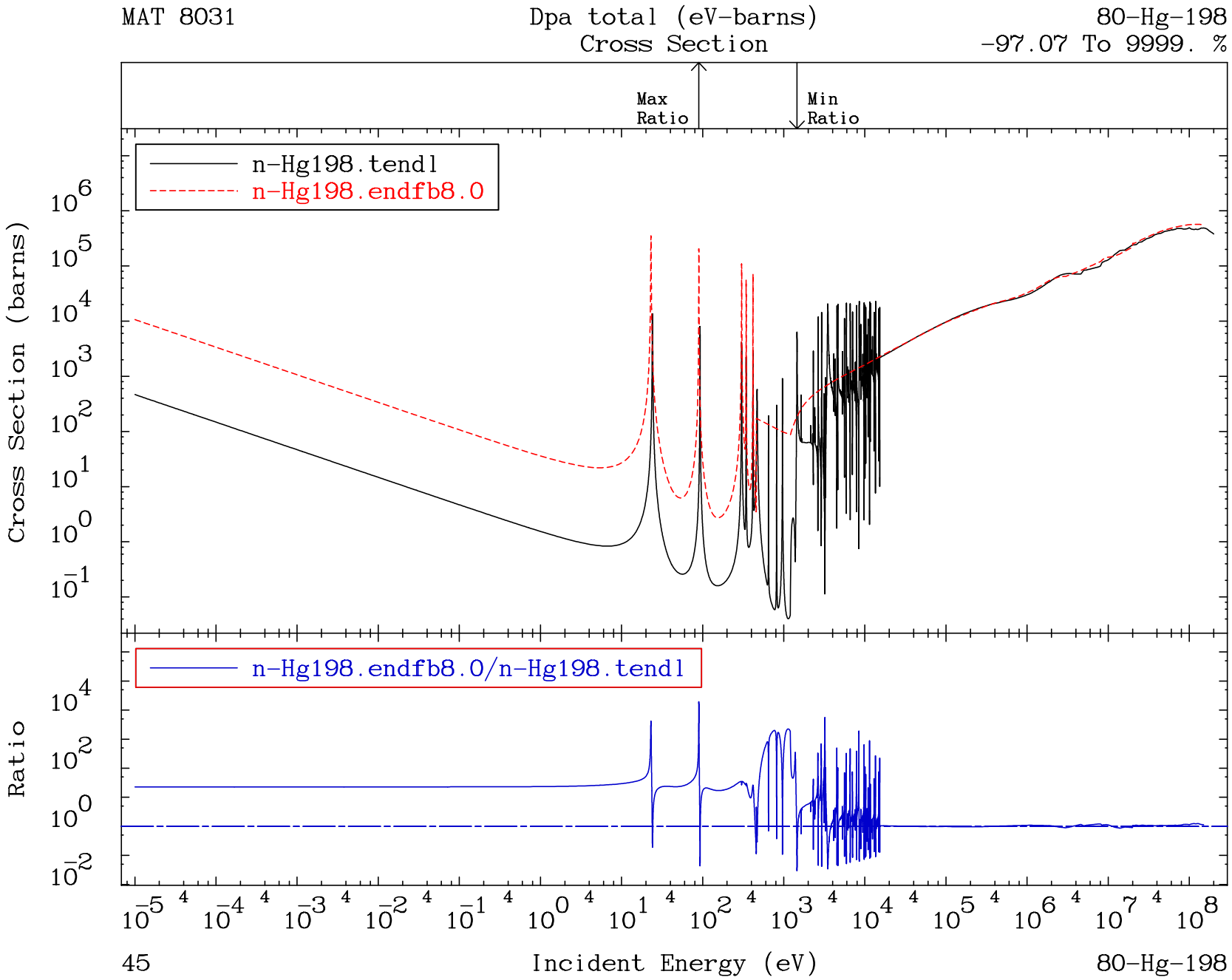

MAT 8031
Kerma inelastic (mt51-91)
Cross Section
80-Hg-198
-100.0 To 63.66 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 450.00 keV
n-Hg198.endfb8.0 Threshold 413.90 keV
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
40
80-Hg-198

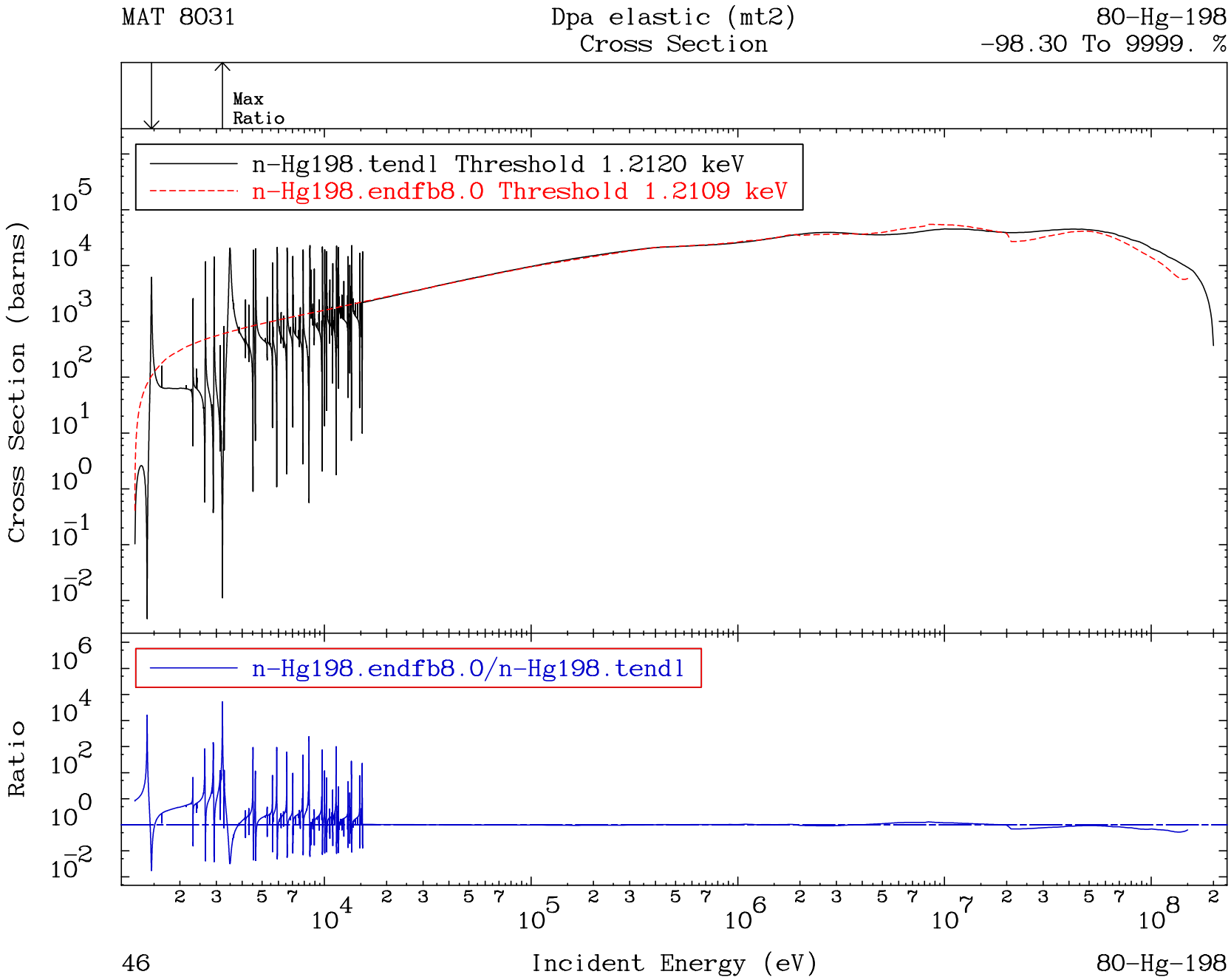

MAT 8031
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
80-Hg-198
-100.0 To 63.66 %
Max Ratio
Min Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
2.0
1.5
1.0
0.5
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
41
Incident Energy (eV)
80-Hg-198

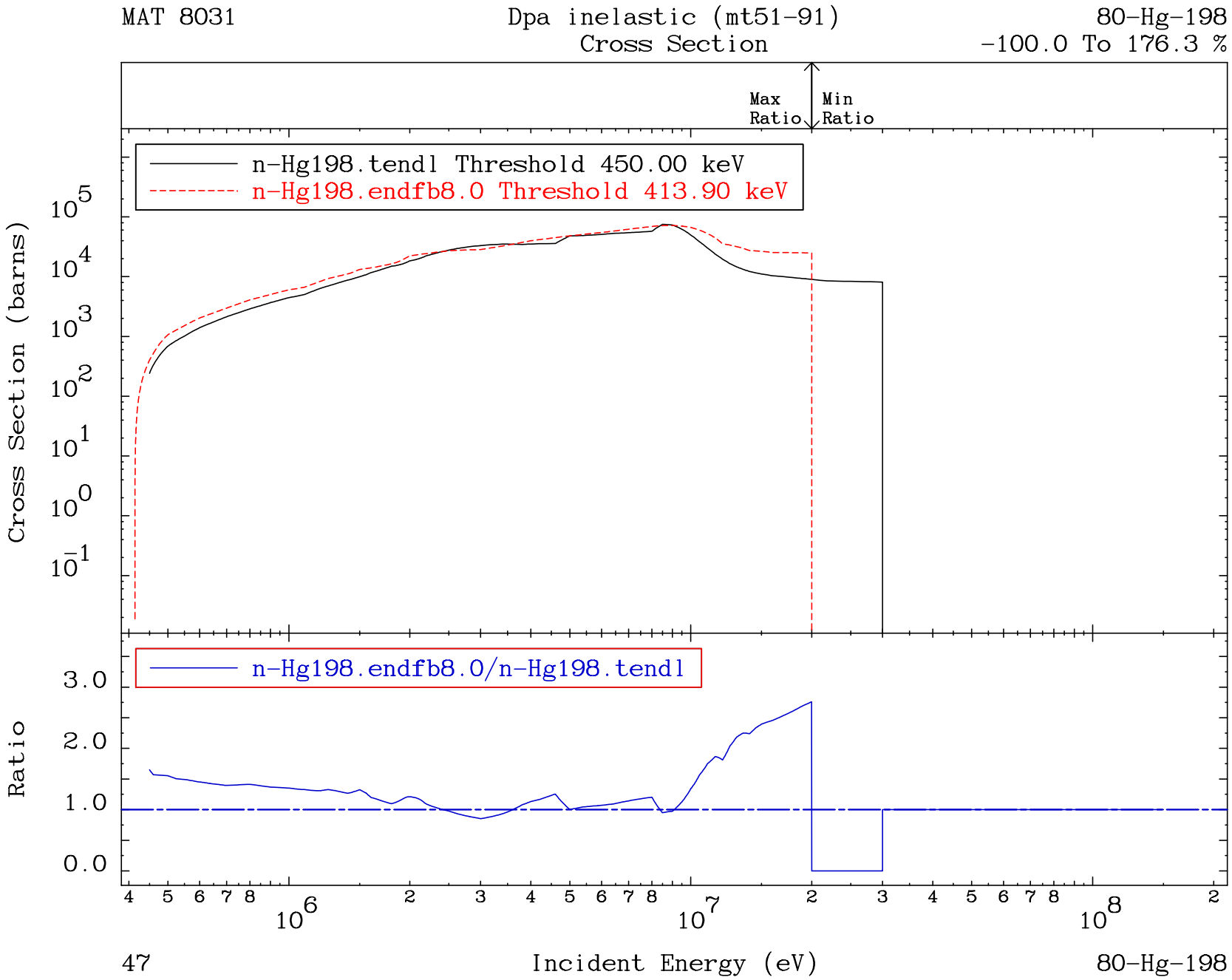

MAT 8031
Kerma capture (mt102)
Cross Section
80-Hg-198
-100.0 To 9999. %
Max
Ratio
Min
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
42
80-Hg-198

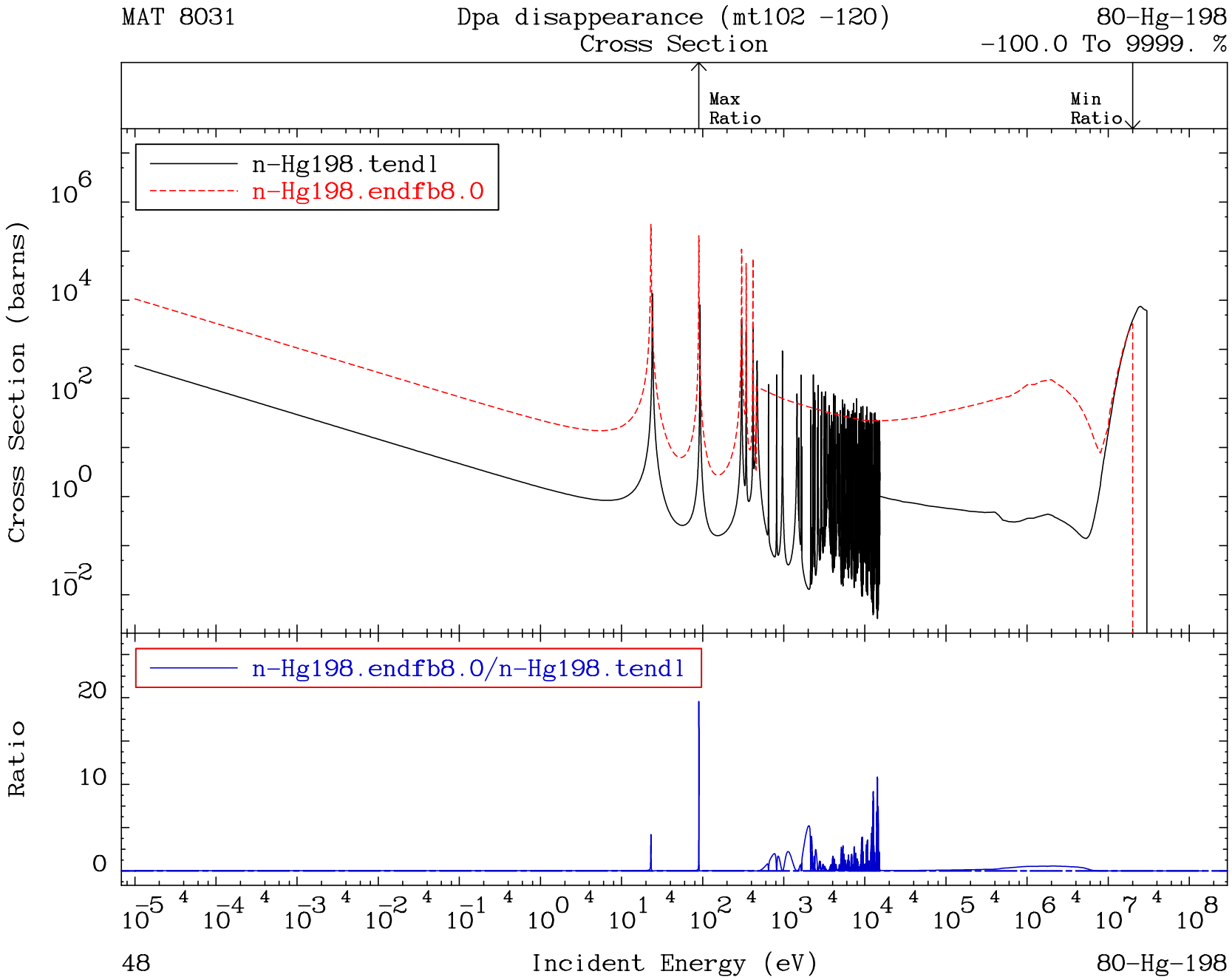

MAT 8031
Total photon (eV-barns)
Cross Section
80-Hg-198
-100.0 To 59.08 %
Min
Ratio
n-Hg198.tendl
n-Hg198.endfb8.0 Threshold 20.000 MeV
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
43
80-Hg-198


MAT 8031
Total kinematic kerma (high limit)
Cross Section
80-Hg-198
-100.0 To 38.58 %
Min Ratio
Max Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
44
80-Hg-198


MAT 8031
Dpa total (eV-barns)
Cross Section
80-Hg-198
-97.07 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
45
80-Hg-198


MAT 8031
Dpa elastic (mt2)
Cross Section
80-Hg-198
-98.30 To 9999. %
Max
Ratio
n-Hg198.tendl Threshold 1.2120 keV
n-Hg198.endfb8.0 Threshold 1.2109 keV
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
46
80-Hg-198


MAT 8031
Dpa inelastic (mt51-91)
Cross Section
80-Hg-198
-100.0 To 176.3 %
Max Ratio
Min Ratio
n-Hg198.tendl Threshold 450.00 keV
n-Hg198.endfb8.0 Threshold 413.90 keV
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
47
80-Hg-198


MAT 8031
Dpa disappearance (mt102 -120)
Cross Section
80-Hg-198
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg198.tendl
n-Hg198.endfb8.0
Cross Section (barns)
n-Hg198.endfb8.0/n-Hg198.tendl
Ratio
Incident Energy (eV)
48
80-Hg-198