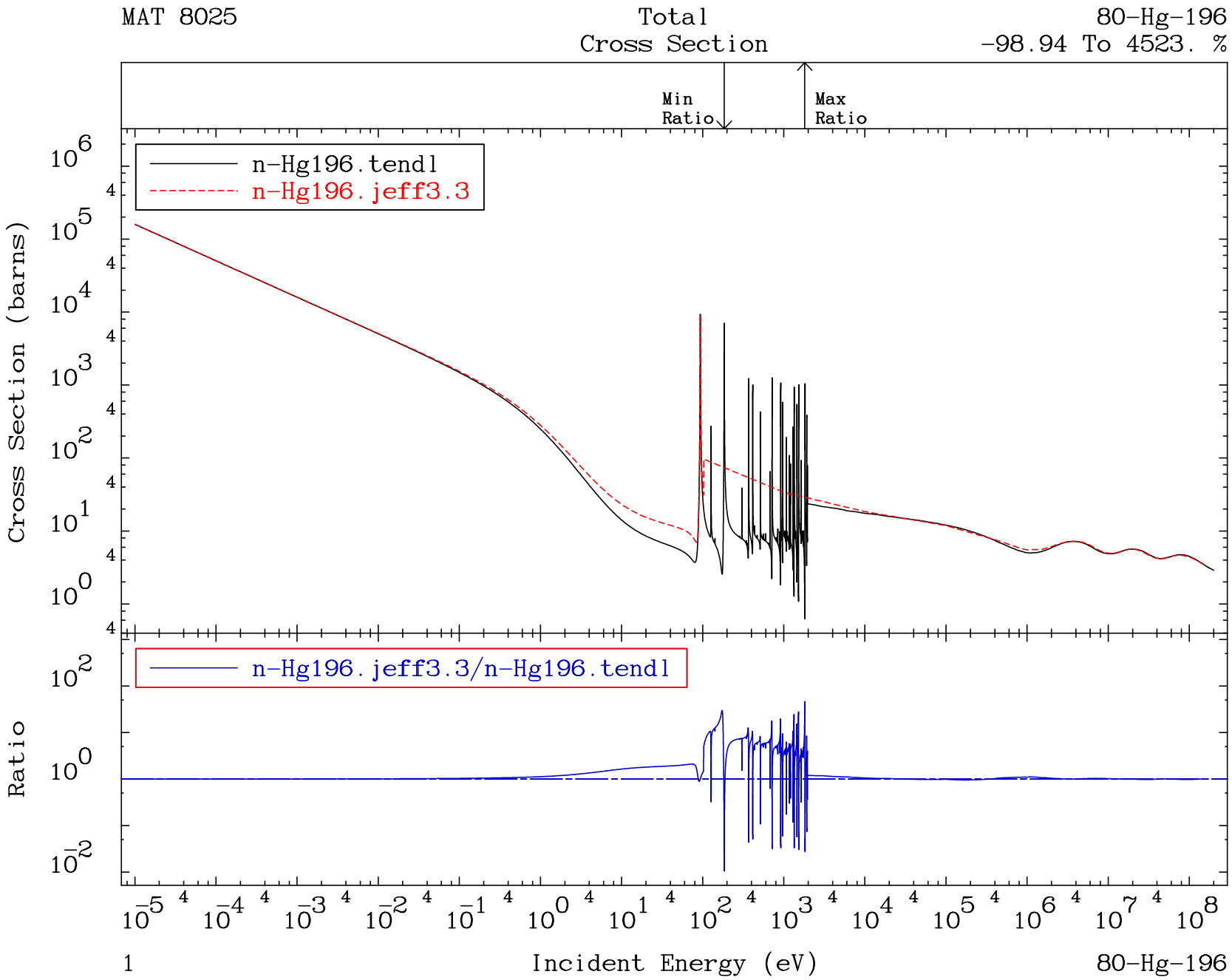
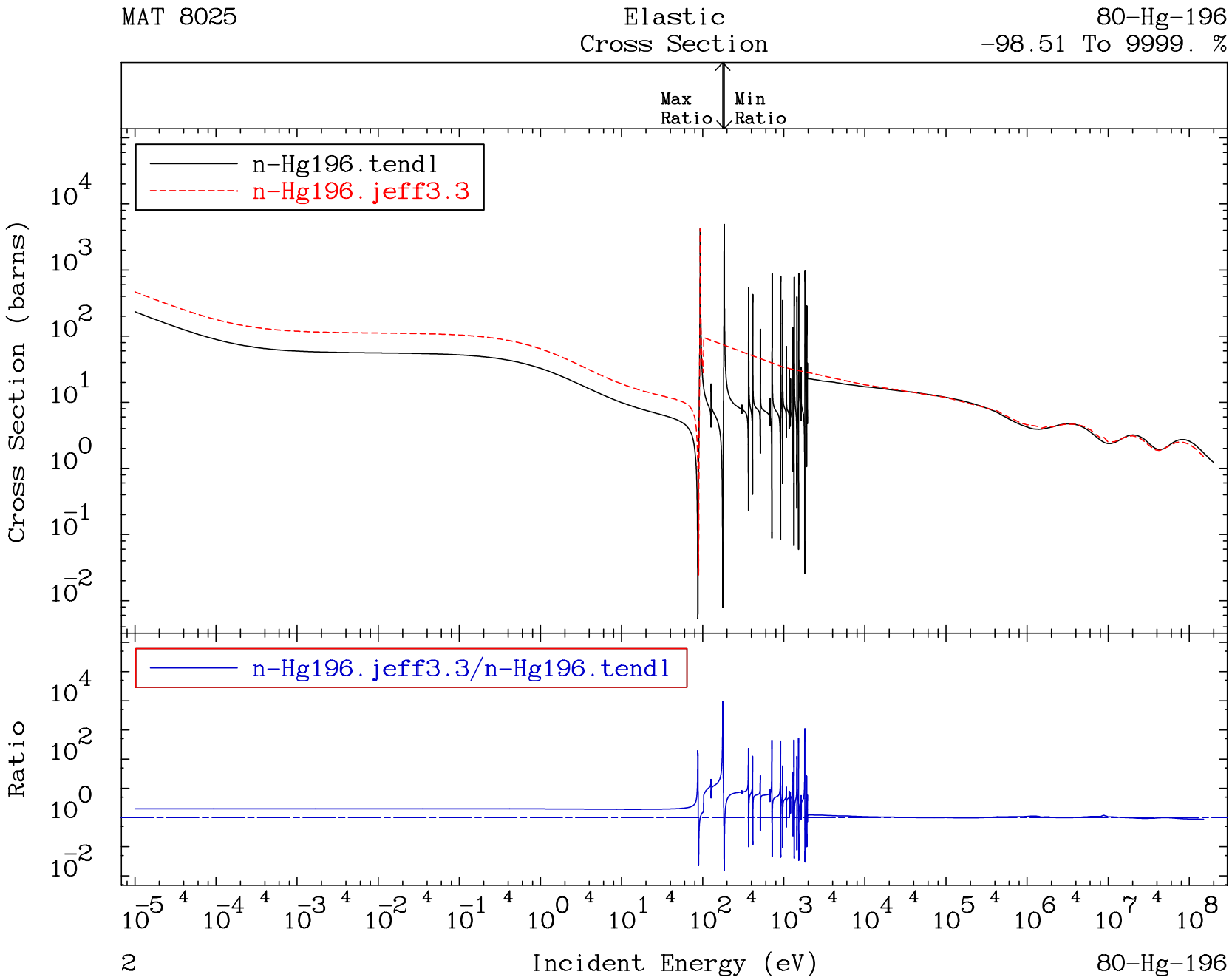
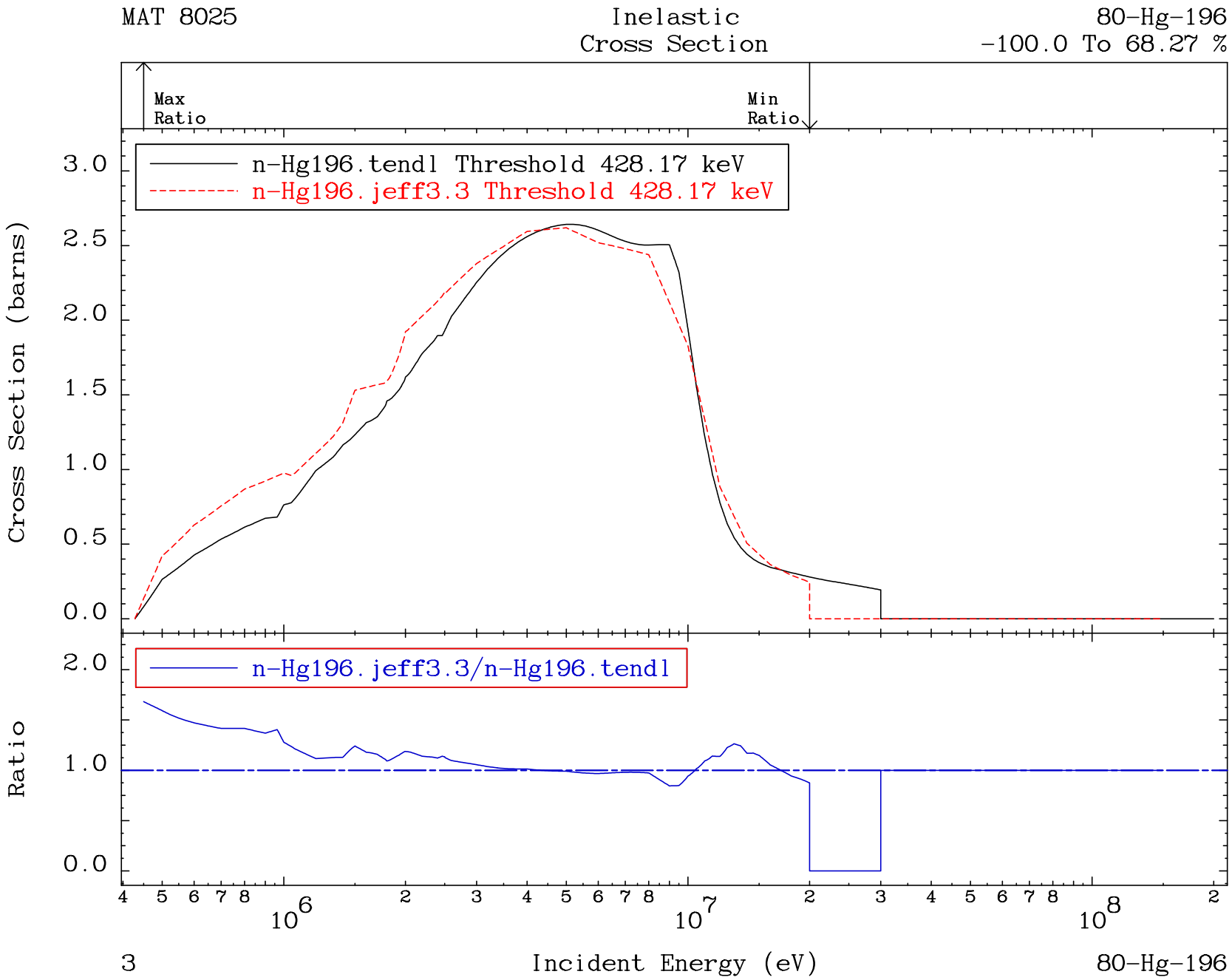
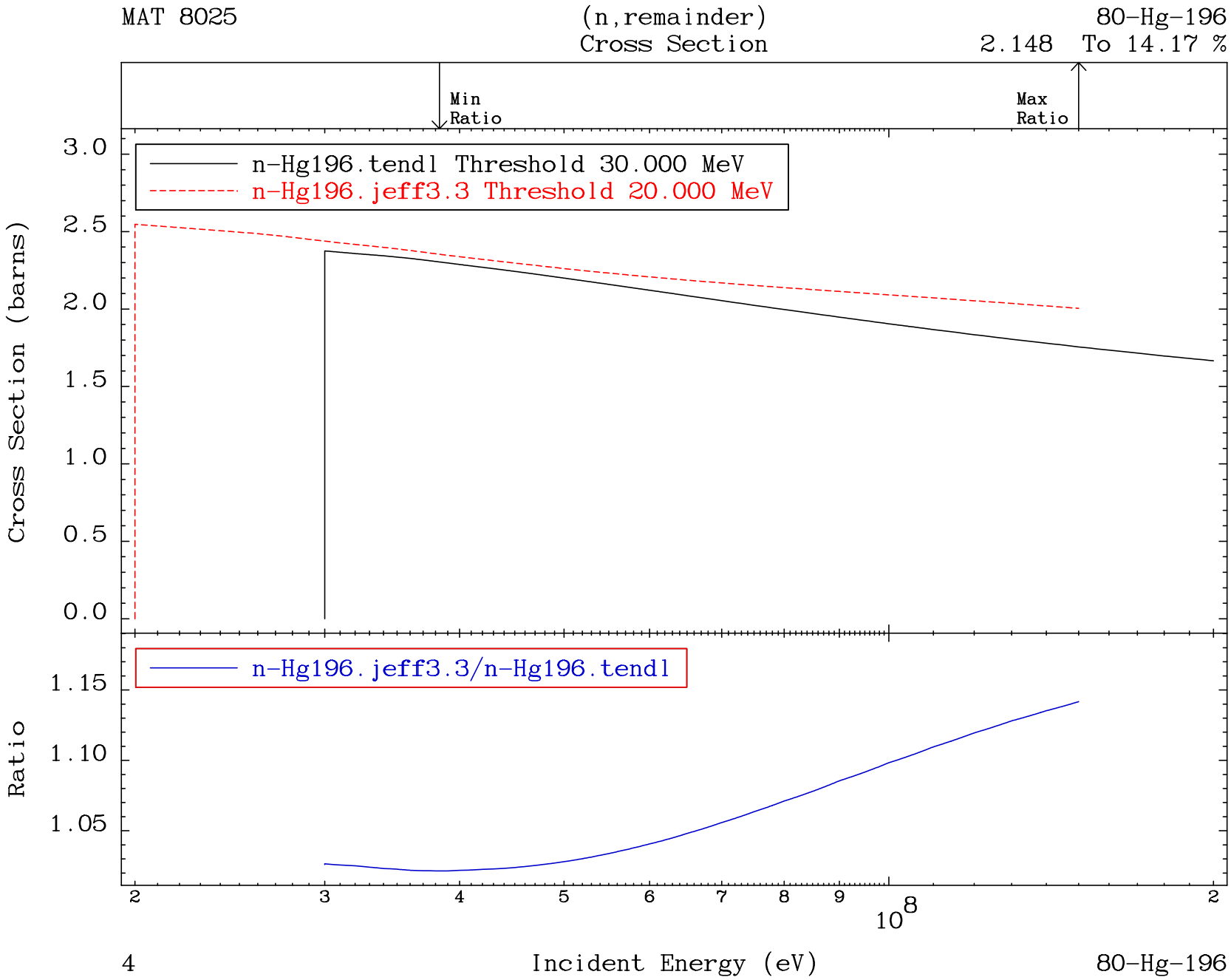
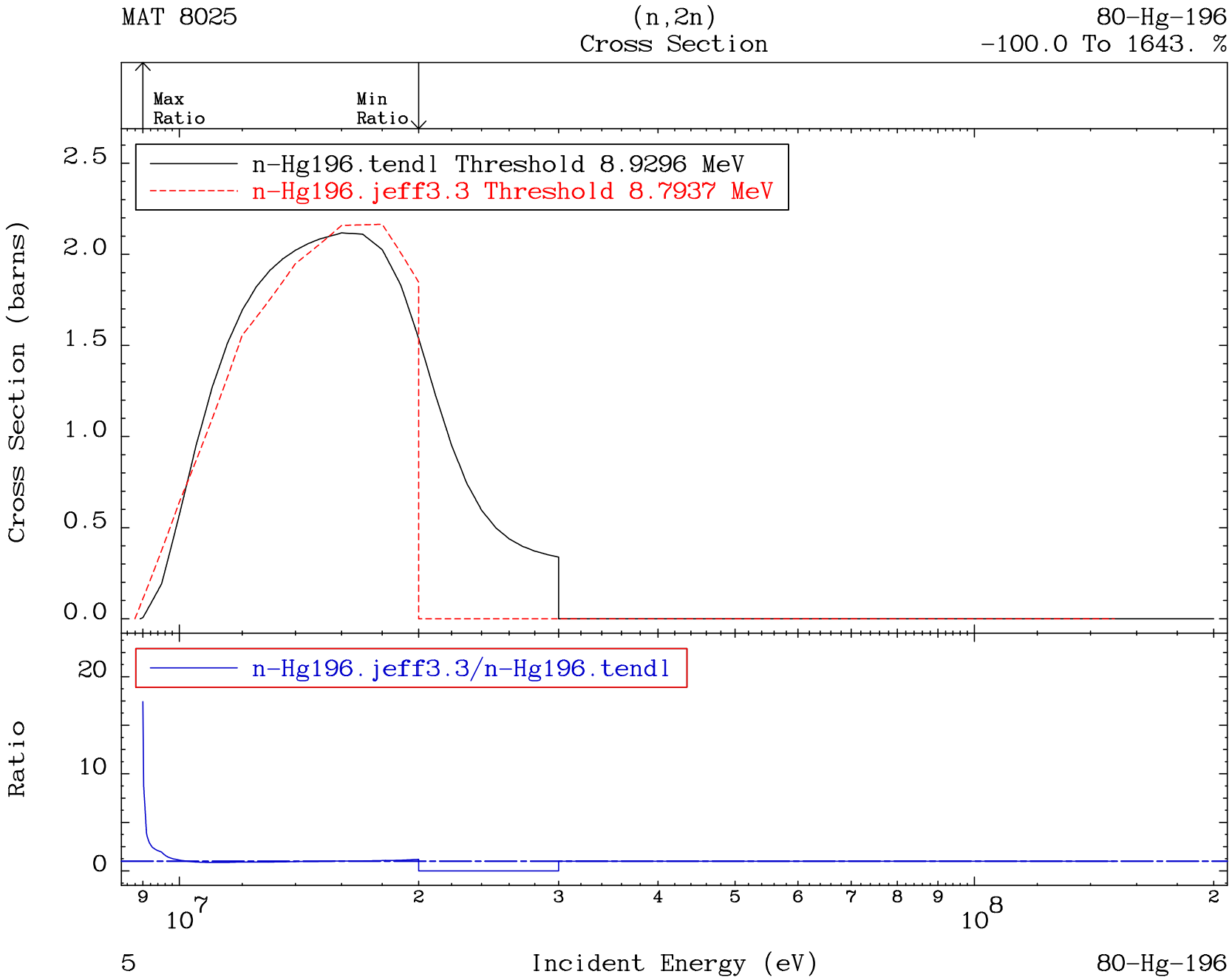
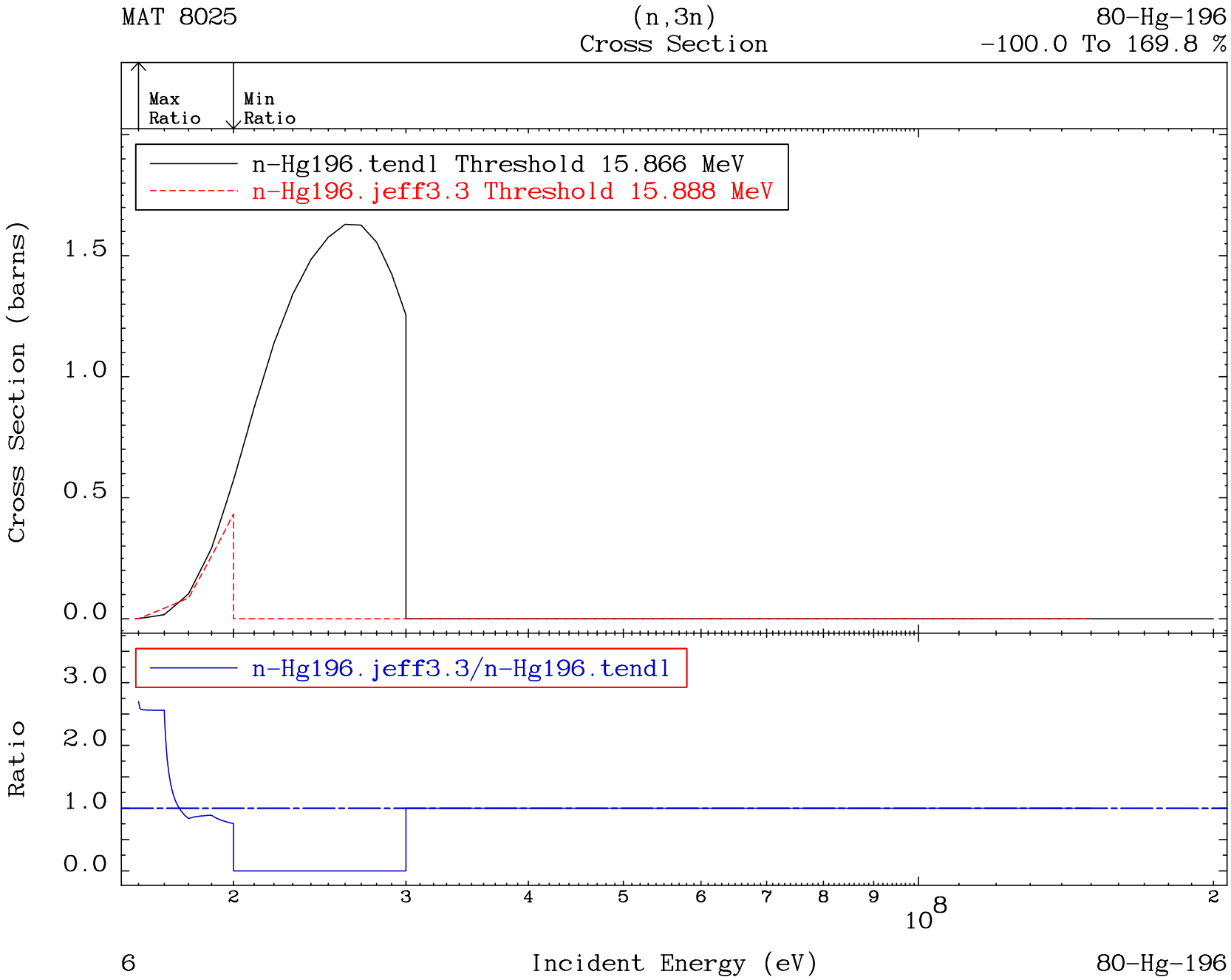

MAT 8025
Total
Cross Section
80-Hg-196
-98.94 To 4523. %
Min
Ratio
Max
Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
1
80-Hg-196

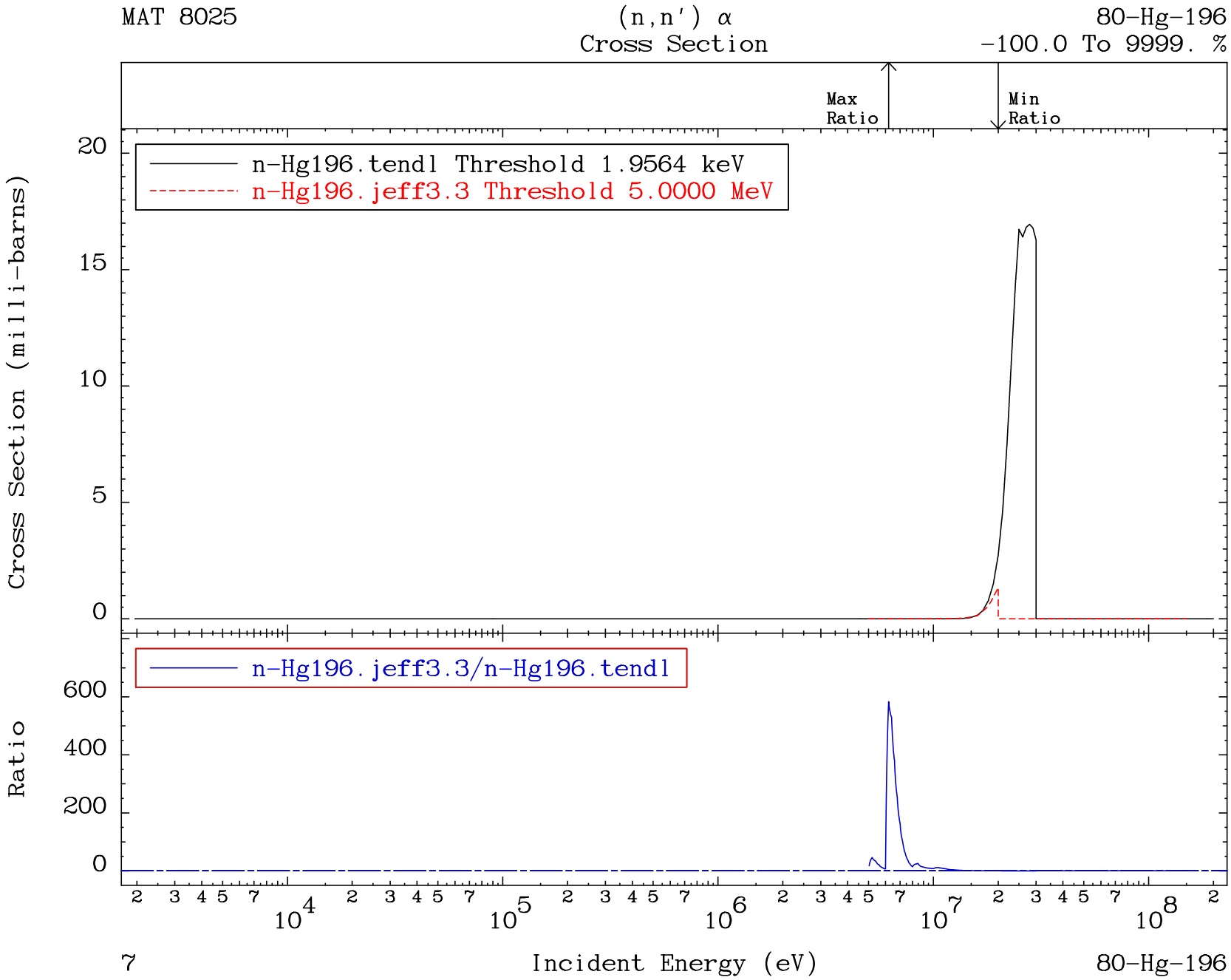

MAT 8025
Elastic
Cross Section
80-Hg-196
-98.51 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
2
80-Hg-196

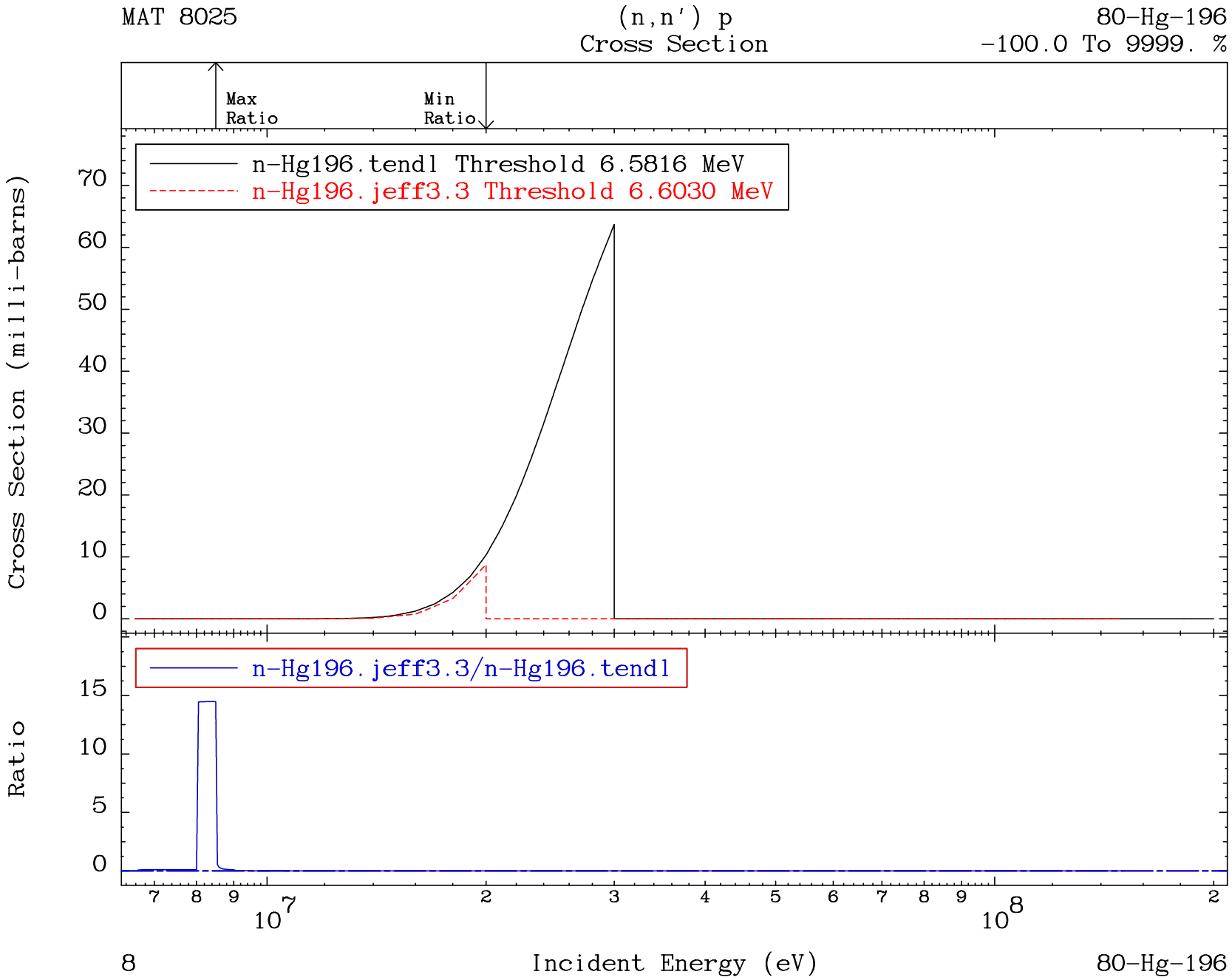

MAT 8025
Inelastic
Cross Section
80-Hg-196
-100.0 To 68.27 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 428.17 keV
n-Hg196.jeff3.3 Threshold 428.17 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.0
0.0
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
3
Incident Energy (eV)
80-Hg-196

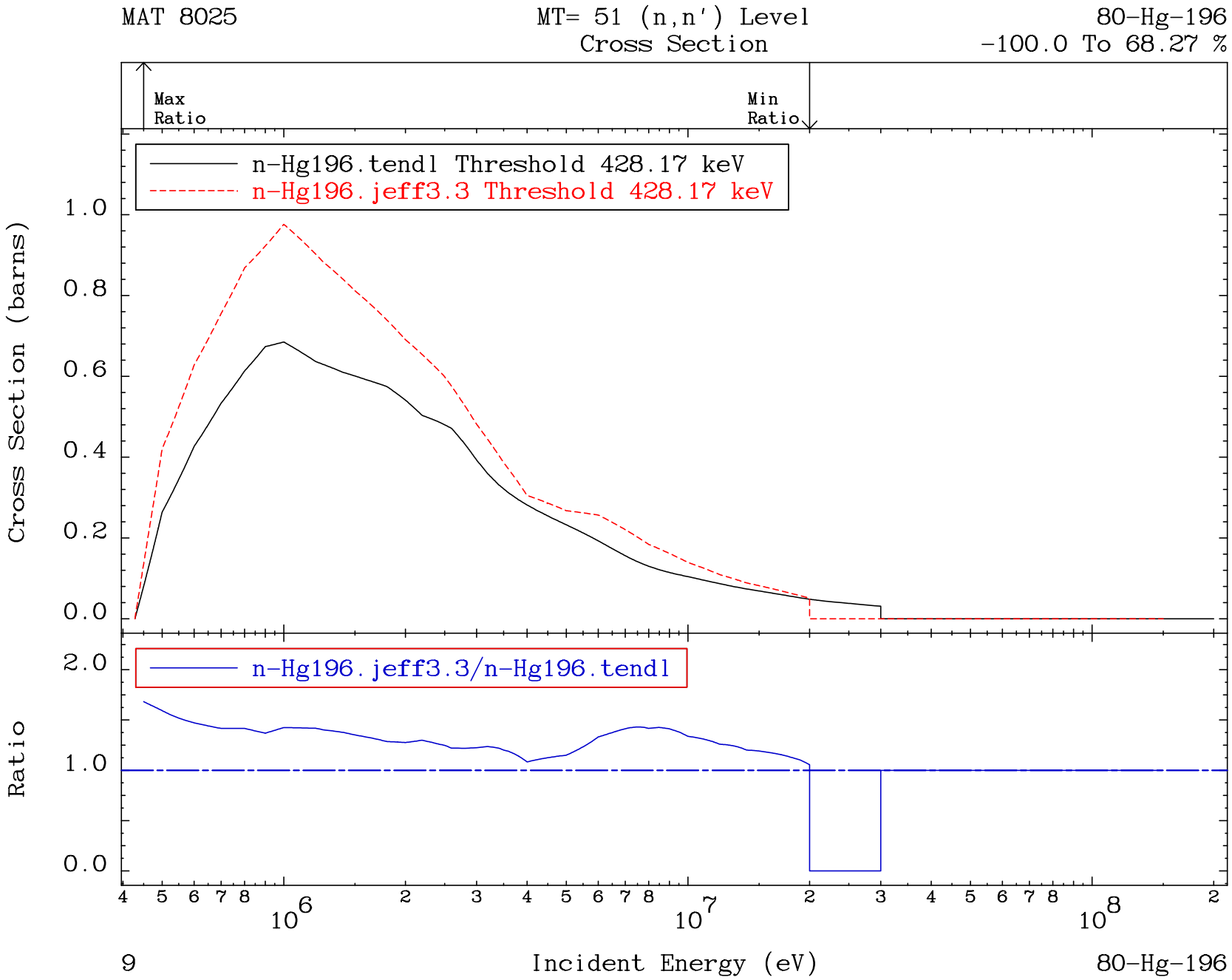

MAT 8025
(n,remainder)
Cross Section
80-Hg-196
2.148 To 14.17 %
Min Ratio
Max Ratio
n-Hg196.tendl Threshold 30.000 MeV
n-Hg196.jeff3.3 Threshold 20.000 MeV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.15
1.10
1.05
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
80-Hg-196

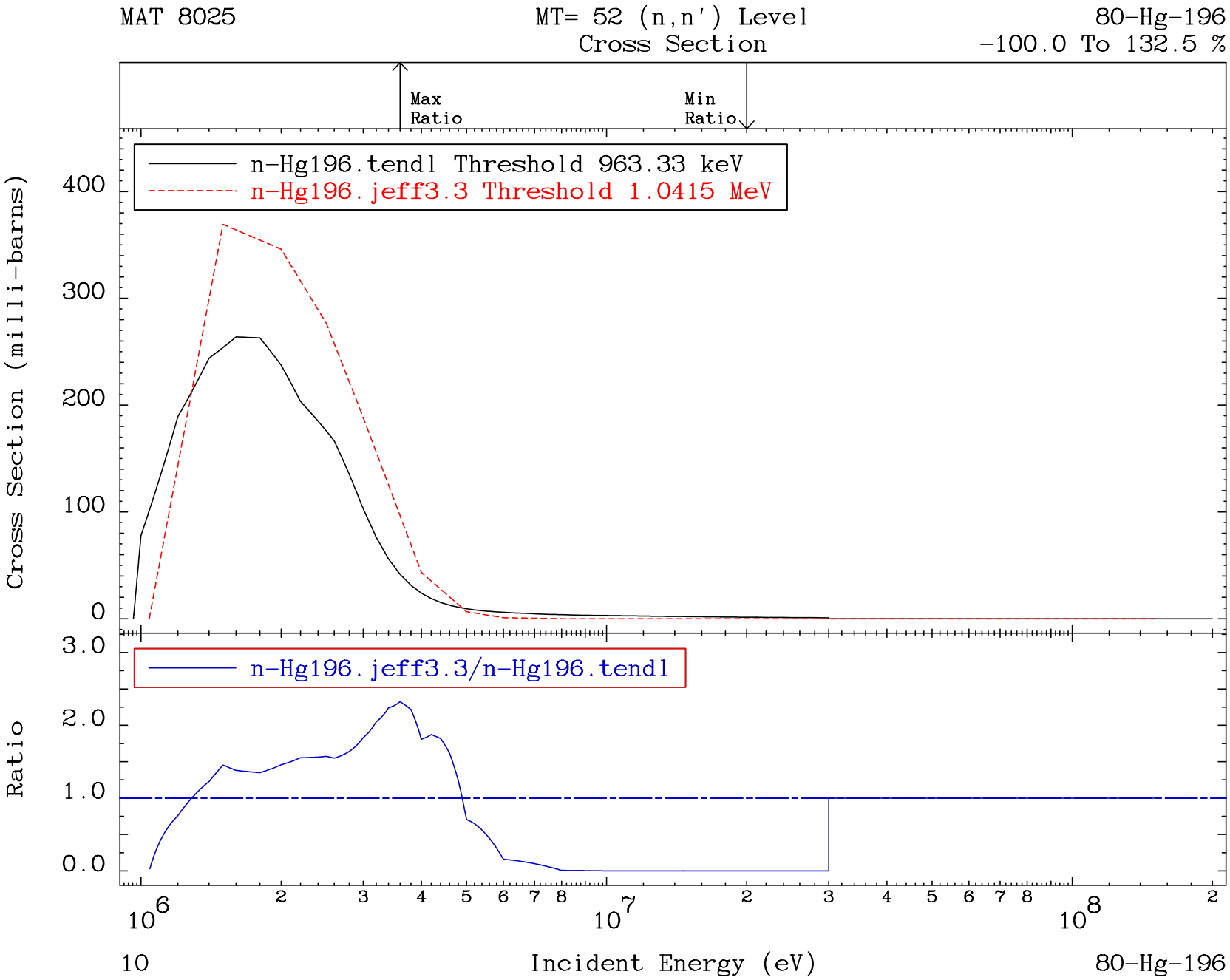

MAT 8025
(n,2n)
Cross Section
80-Hg-196
-100.0 To 1643. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 8.9296 MeV
n-Hg196.jeff3.3 Threshold 8.7937 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
20
10
0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
80-Hg-196

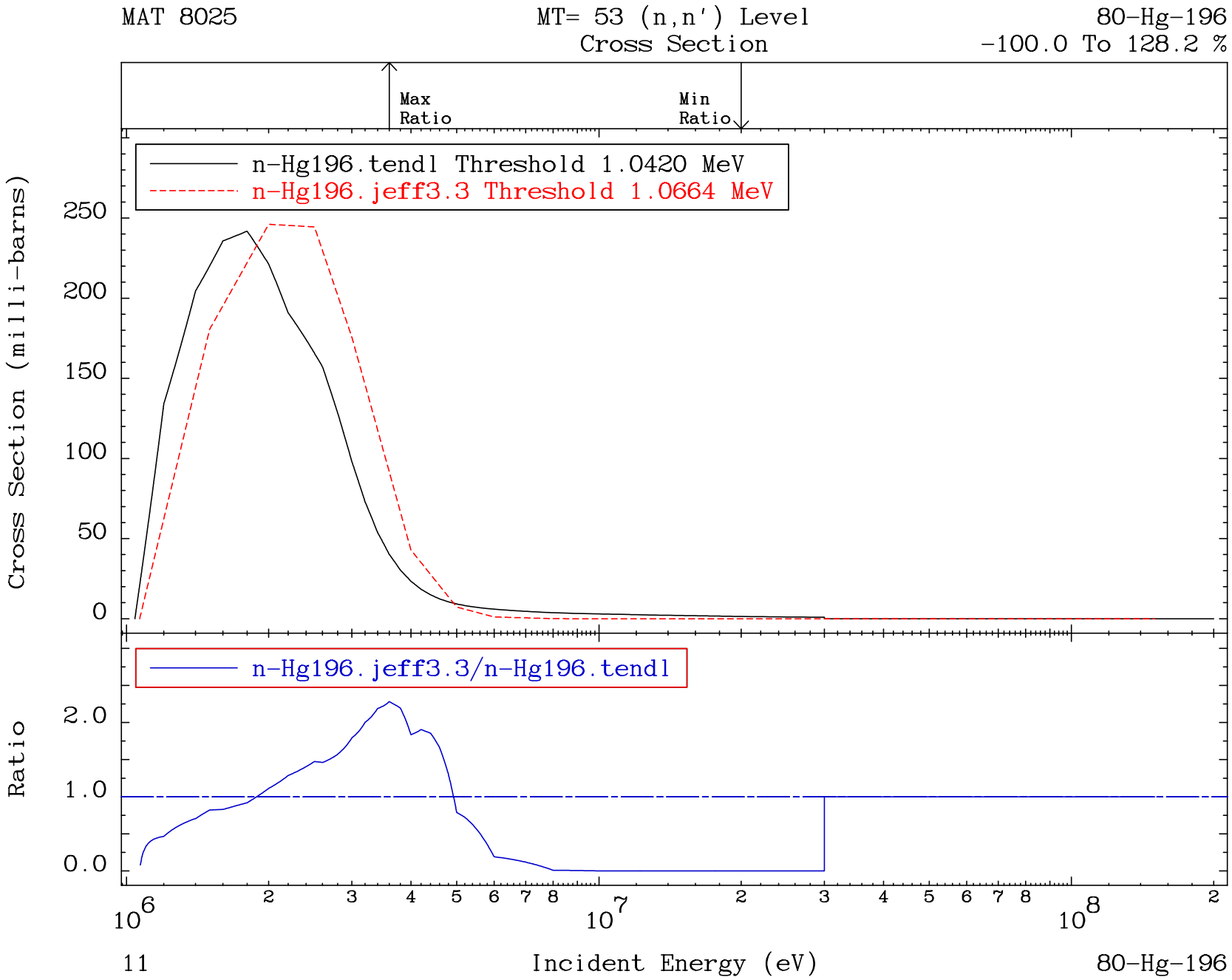

MAT 8025
(n,3n)
Cross Section
80-Hg-196
-100.0 To 169.8 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 15.866 MeV
n-Hg196.jeff3.3 Threshold 15.888 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
3.0
2.0
1.0
0.0
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
80-Hg-196

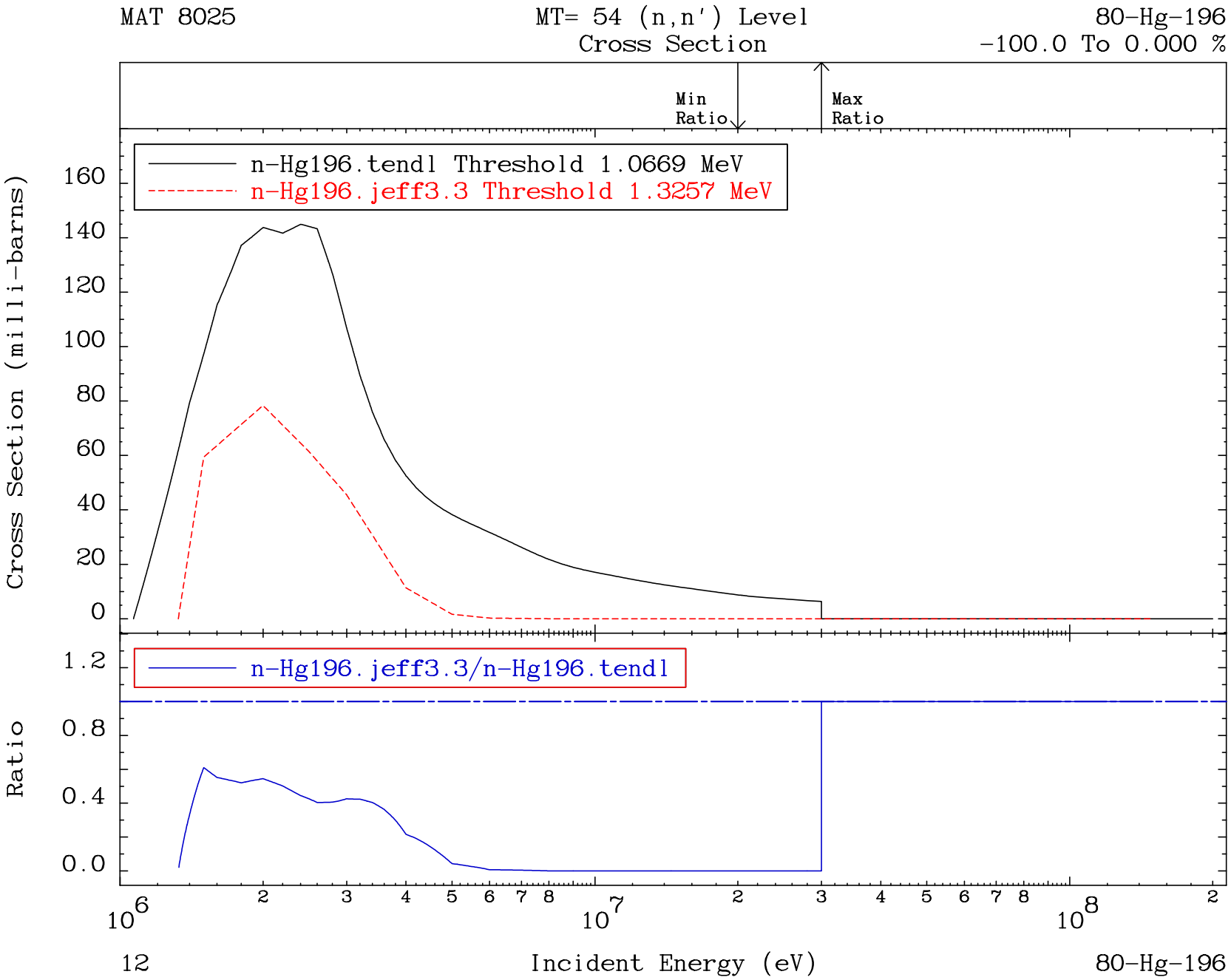

MAT 8025
(n,n') α
Cross Section
80-Hg-196
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.9564 keV
n-Hg196.jeff3.3 Threshold 5.0000 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
600
400
200
0
2 3 4 5 7 10^4 2 3 4 5 7 10^5 2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
7
Incident Energy (eV)
80-Hg-196

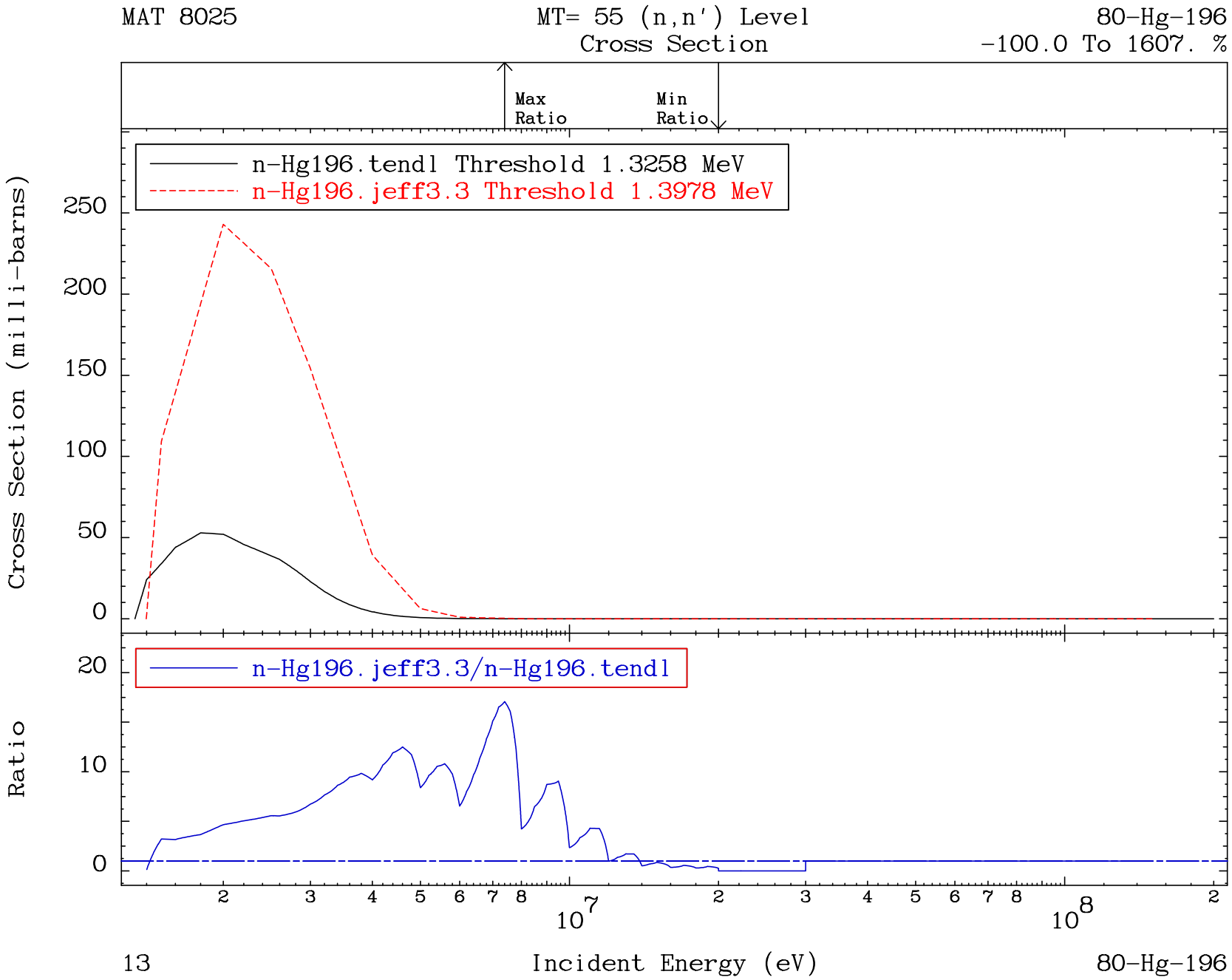

MAT 8025
(n,n') p
Cross Section
80-Hg-196
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 6.5816 MeV
n-Hg196.jeff3.3 Threshold 6.6030 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
15
10
5
0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
8
Incident Energy (eV)
80-Hg-196

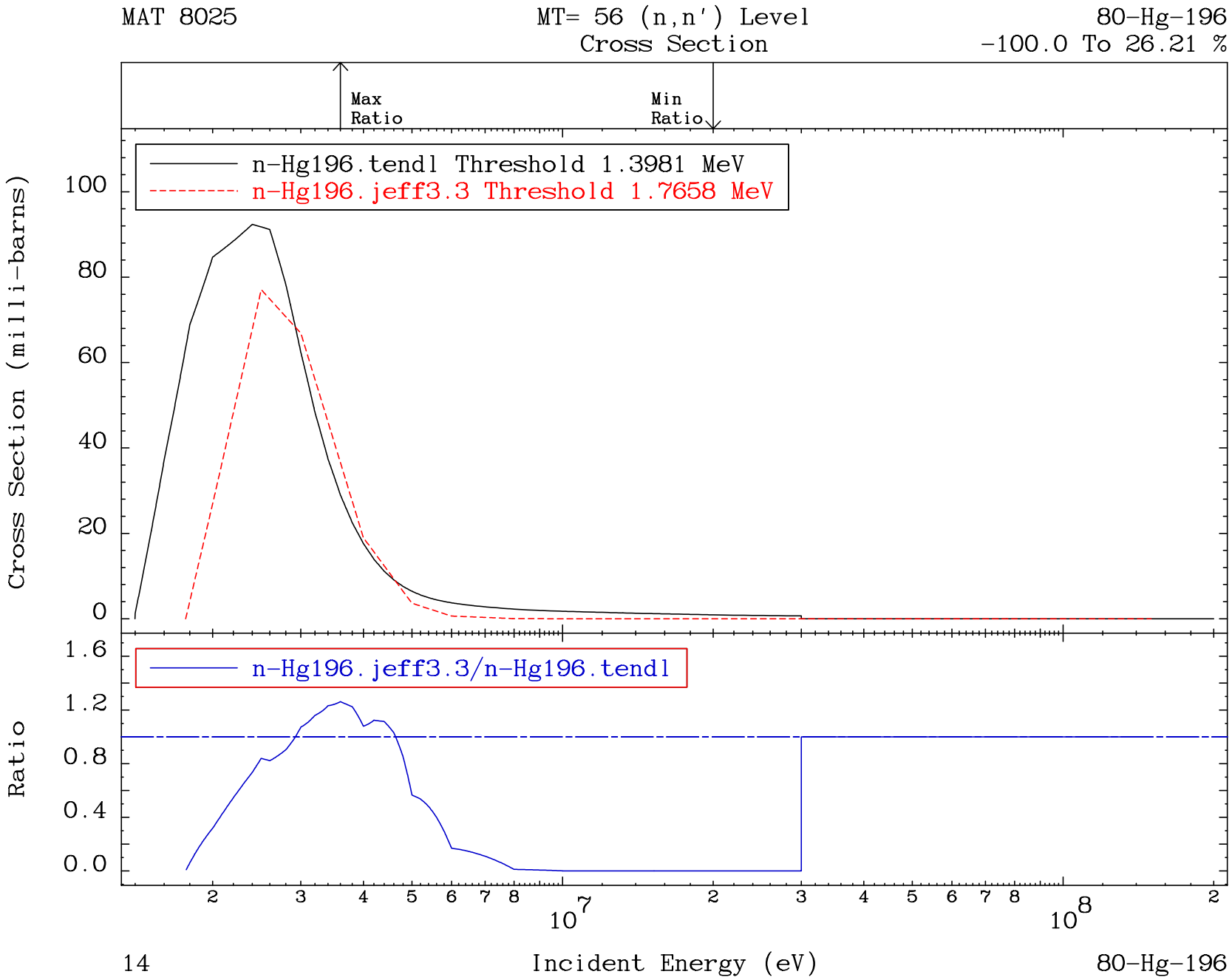

MAT 8025
MT= 51 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 68.27 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 428.17 keV
n-Hg196.jeff3.3 Threshold 428.17 keV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.0
0.0
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
9
Incident Energy (eV)
80-Hg-196

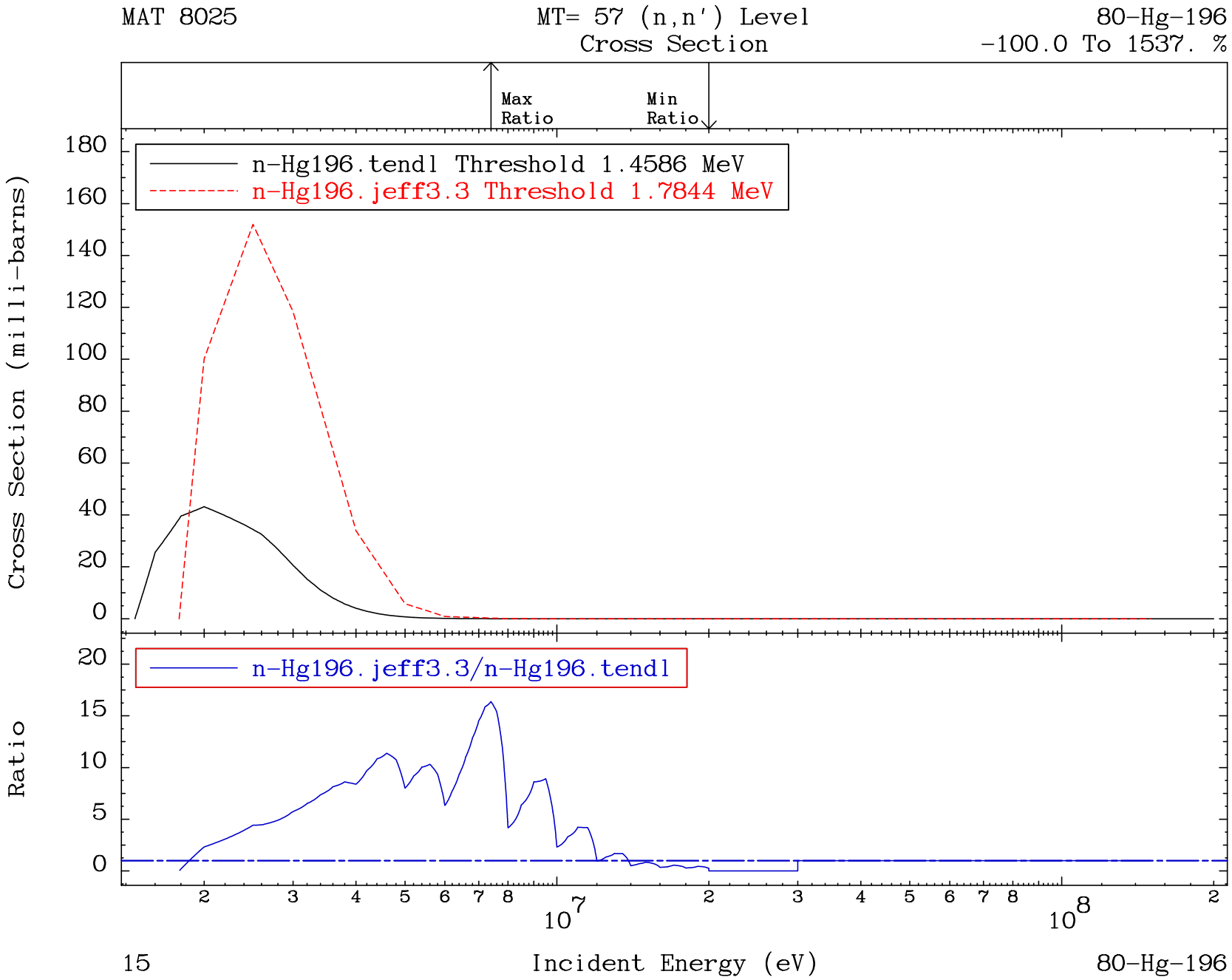

MAT 8025
MT= 52 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 132.5 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 963.33 keV
n-Hg196.jeff3.3 Threshold 1.0415 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
3.0
2.0
1.0
0.0
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
10
Incident Energy (eV)
80-Hg-196

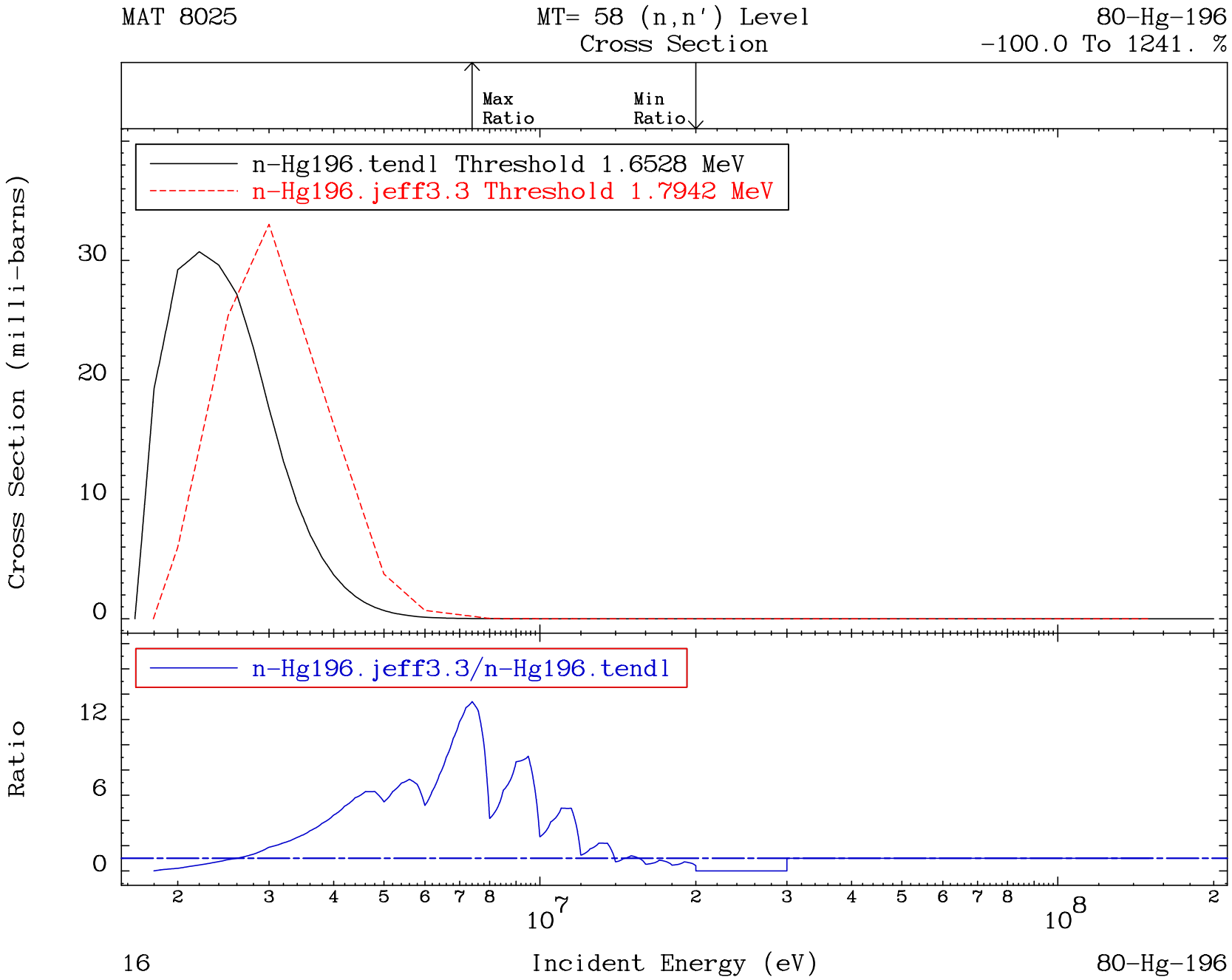

MAT 8025
MT= 53 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 128.2 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 1.0420 MeV
n-Hg196.jeff3.3 Threshold 1.0664 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.0
0.0
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
11
Incident Energy (eV)
80-Hg-196

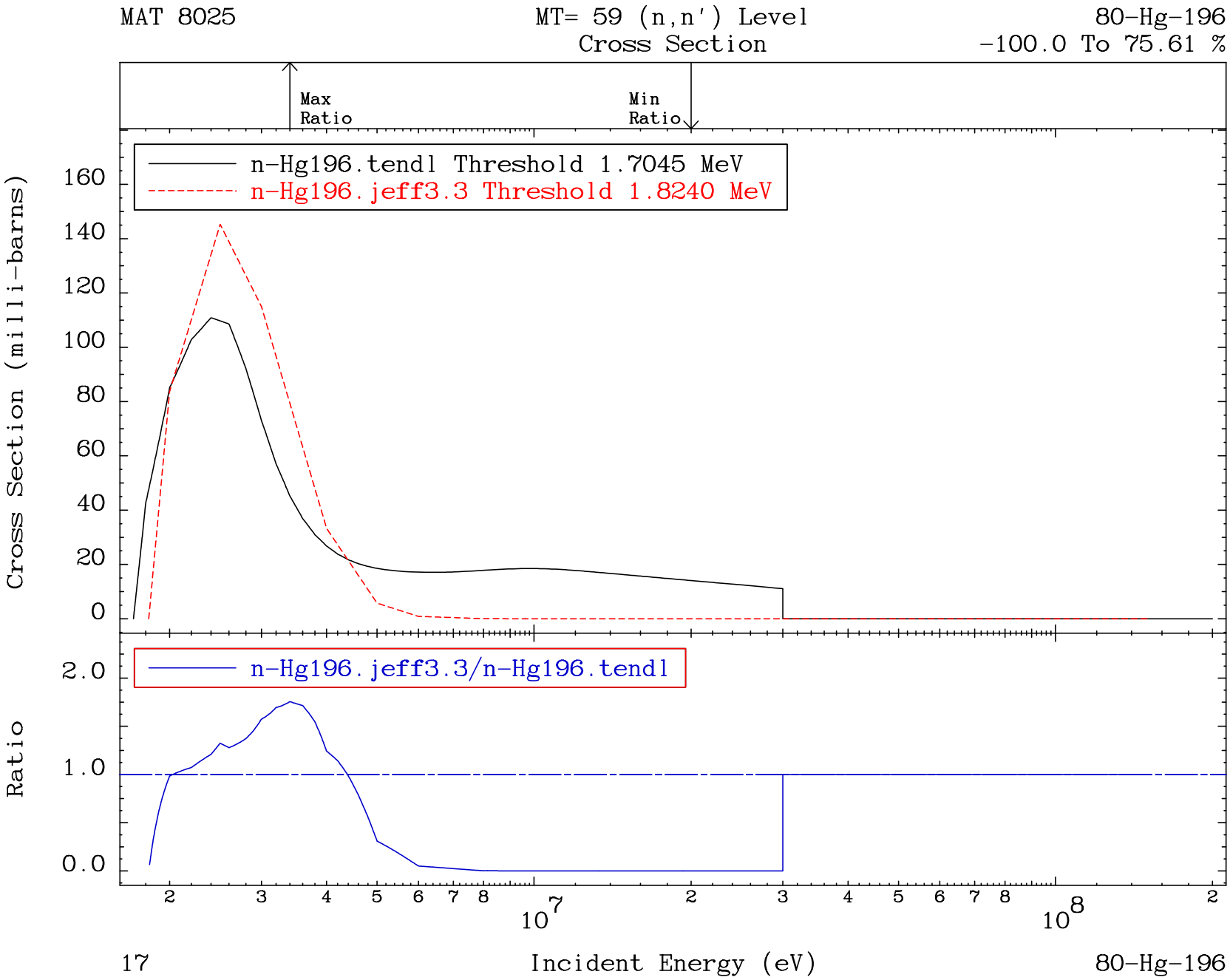

MAT 8025
MT= 54 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg196.tendl Threshold 1.0669 MeV
n-Hg196.jeff3.3 Threshold 1.3257 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
12
Incident Energy (eV)
80-Hg-196

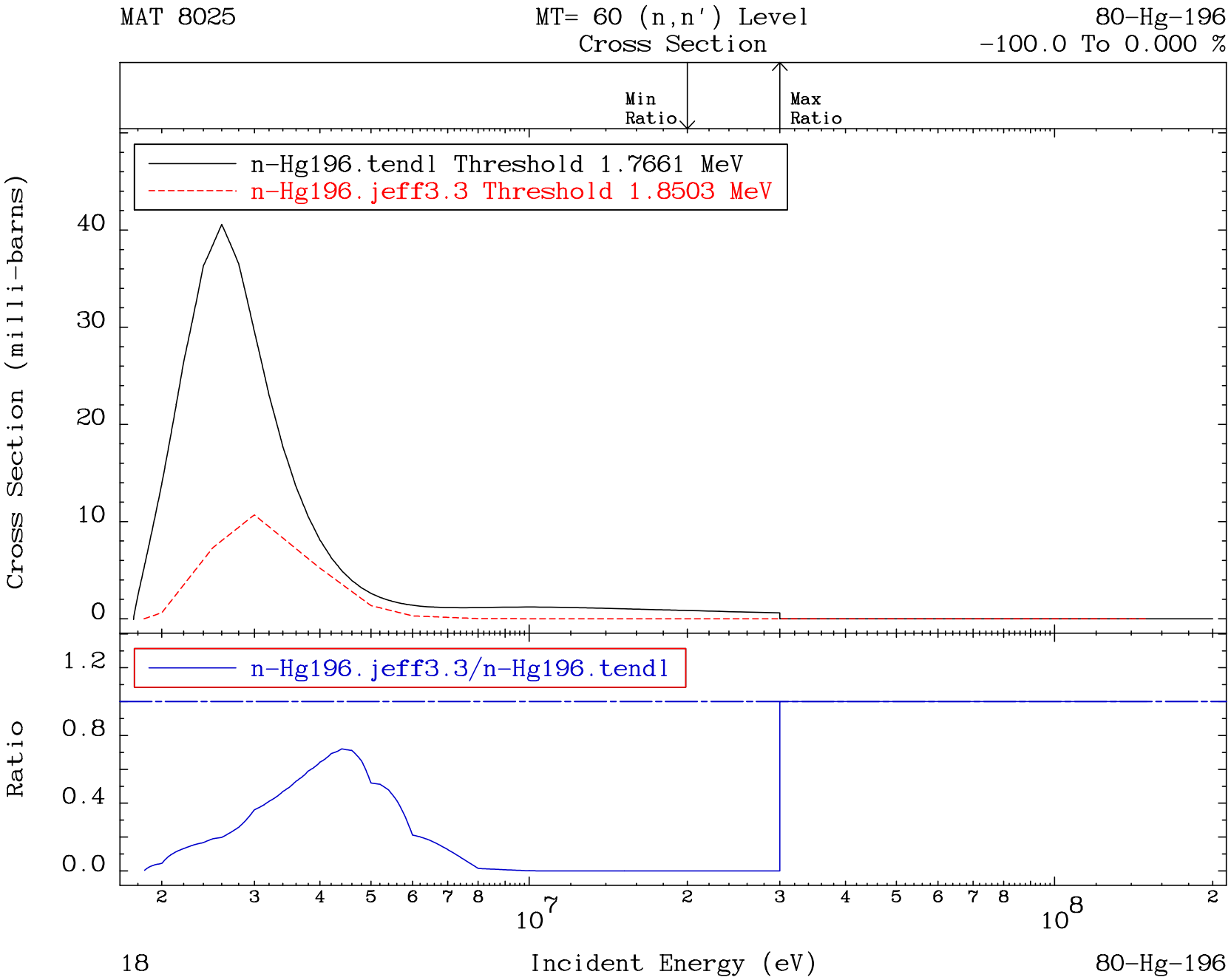

MAT 8025
MT= 55 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 1607. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.3258 MeV
n-Hg196.jeff3.3 Threshold 1.3978 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
20
10
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
13
Incident Energy (eV)
80-Hg-196

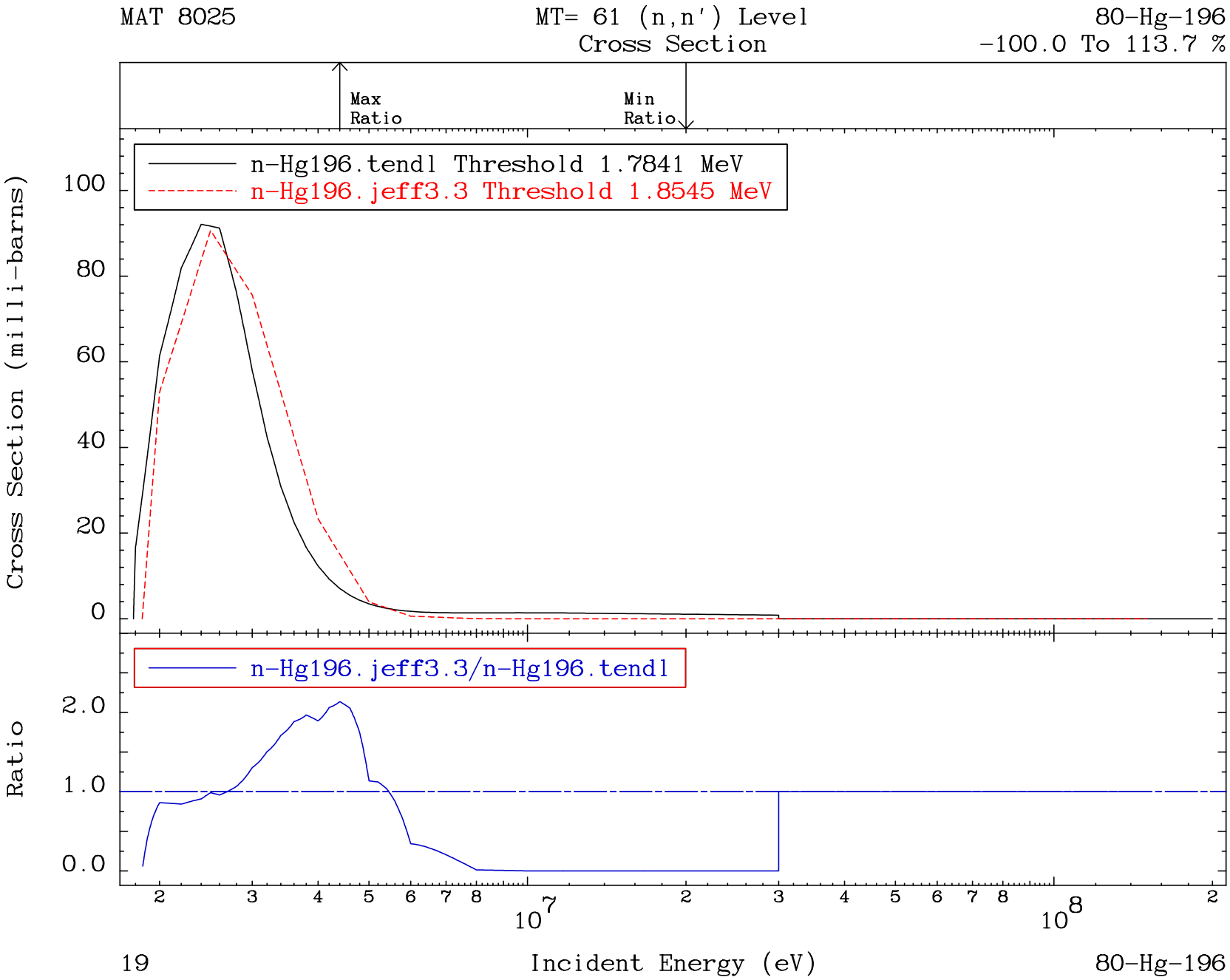

MAT 8025
MT= 56 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 26.21 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 1.3981 MeV
n-Hg196.jeff3.3 Threshold 1.7658 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.6
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
14
Incident Energy (eV)
80-Hg-196

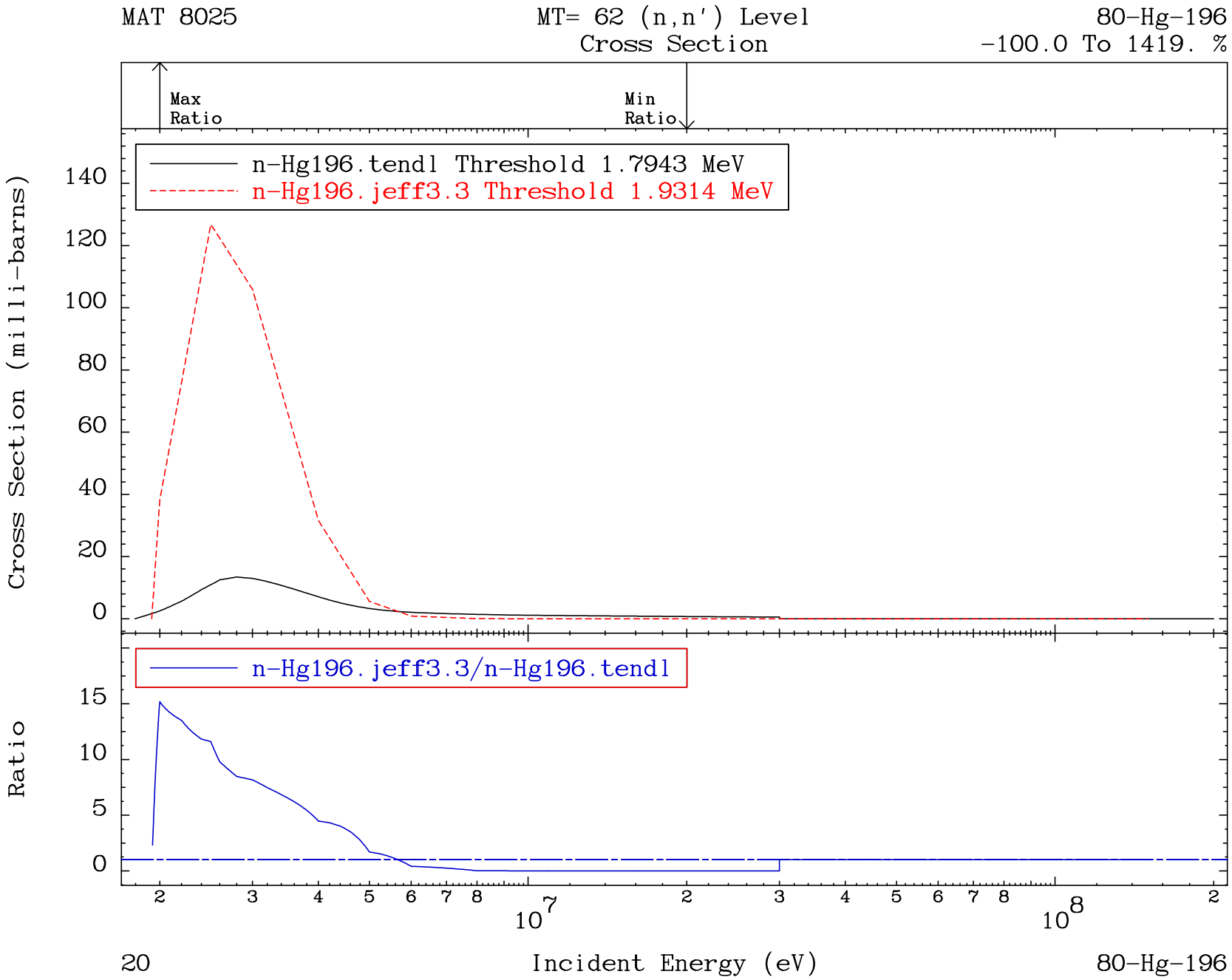

MAT 8025
MT= 57 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 1537. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.4586 MeV
n-Hg196.jeff3.3 Threshold 1.7844 MeV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
20
15
10
5
0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
15
Incident Energy (eV)
80-Hg-196

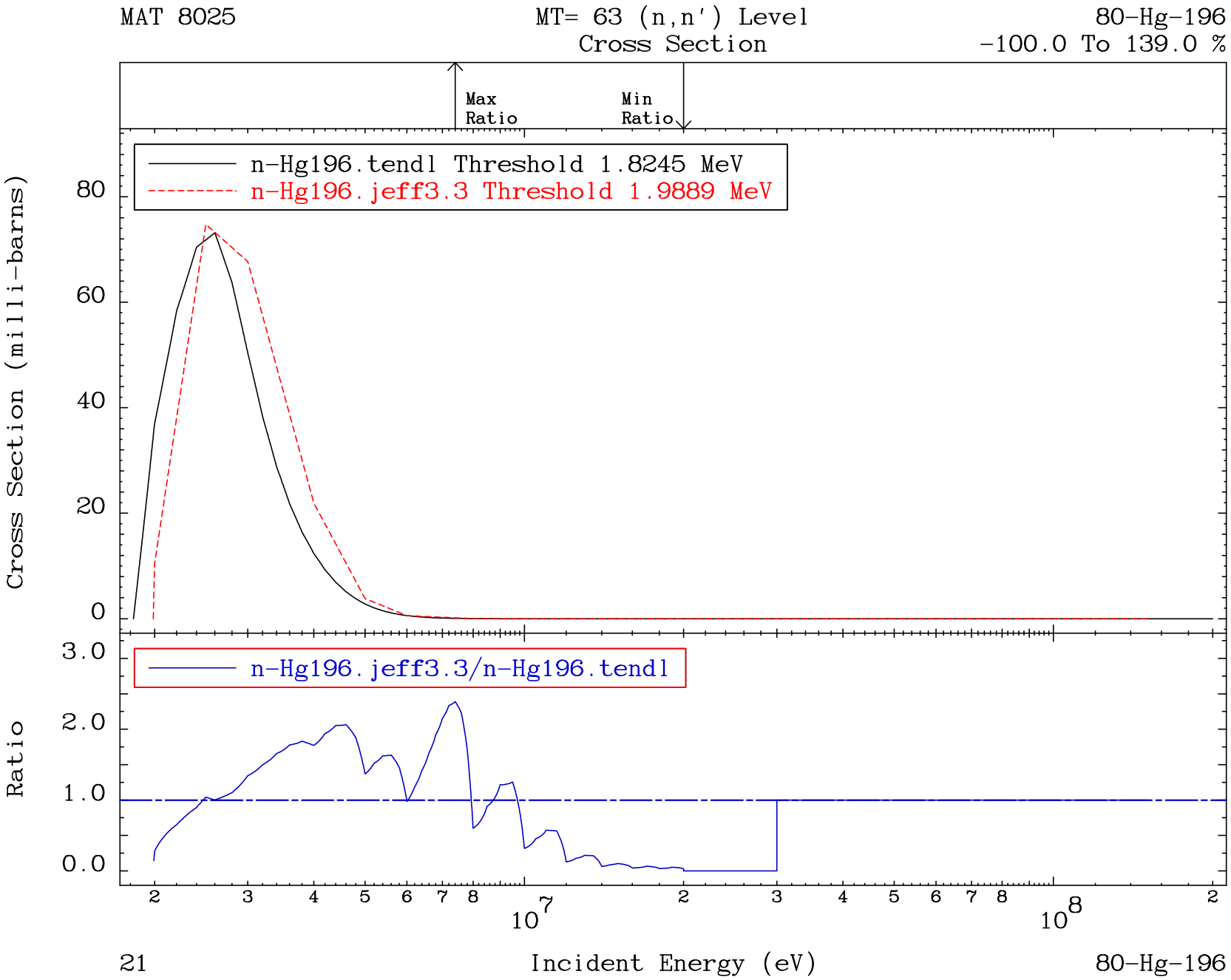

MAT 8025
MT= 58 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 1241. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.6528 MeV
n-Hg196.jeff3.3 Threshold 1.7942 MeV
Cross Section (milli-barns)
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
12
6
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
16
Incident Energy (eV)
80-Hg-196

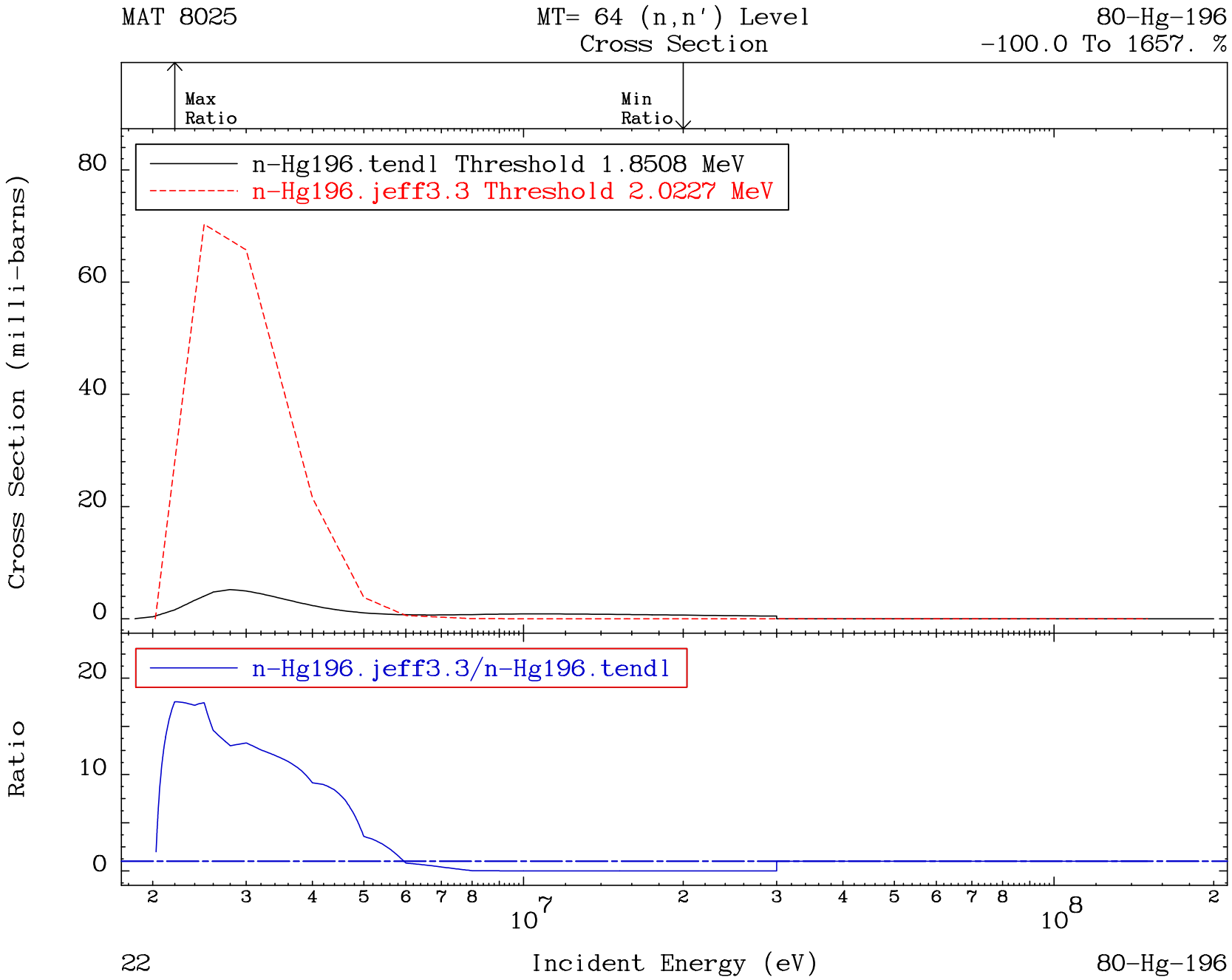

MAT 8025
MT= 59 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 75.61 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.7045 MeV
n-Hg196.jeff3.3 Threshold 1.8240 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.0
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
17
Incident Energy (eV)
80-Hg-196

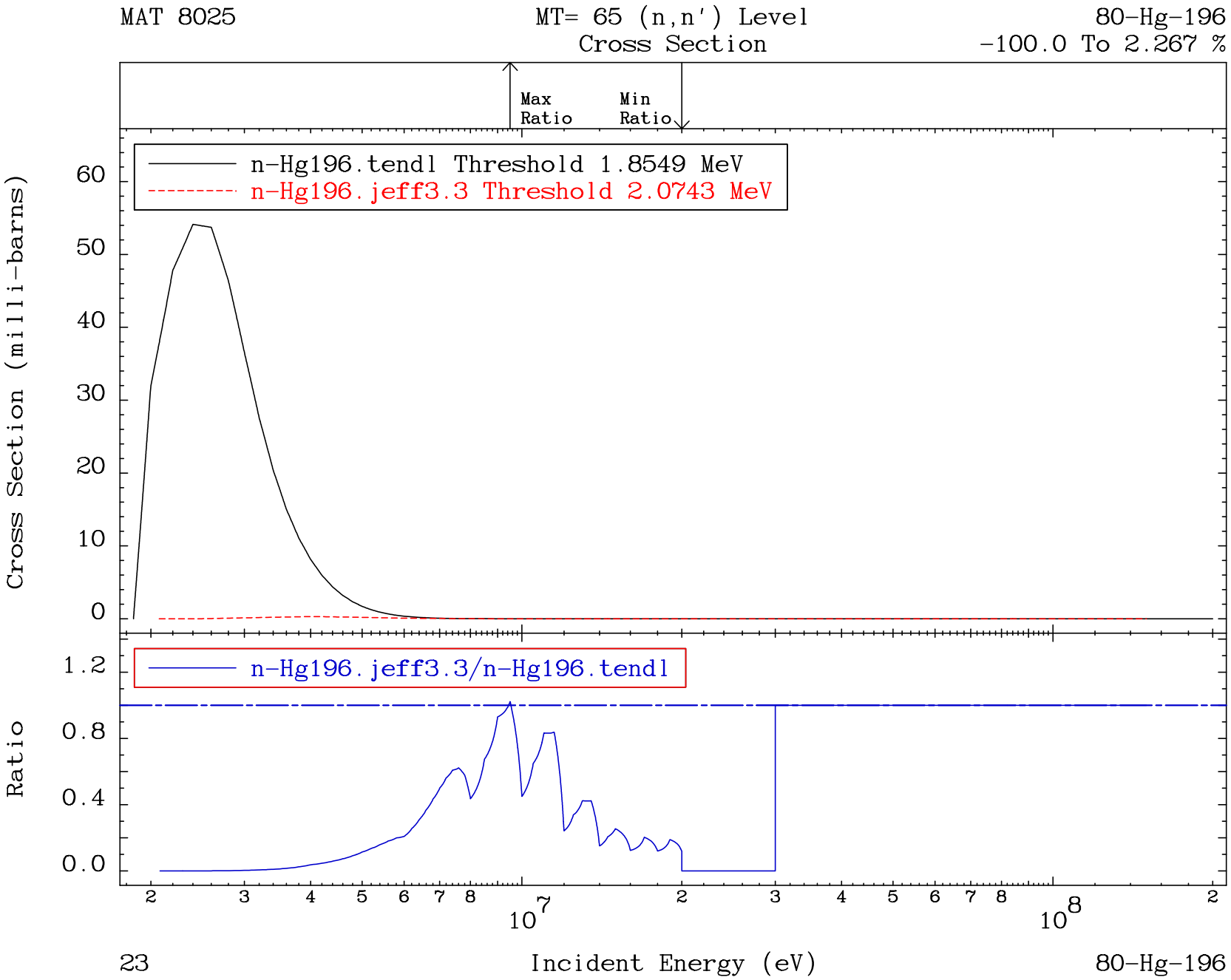

MAT 8025
MT= 60 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg196.tendl Threshold 1.7661 MeV
n-Hg196.jeff3.3 Threshold 1.8503 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
18
Incident Energy (eV)
80-Hg-196

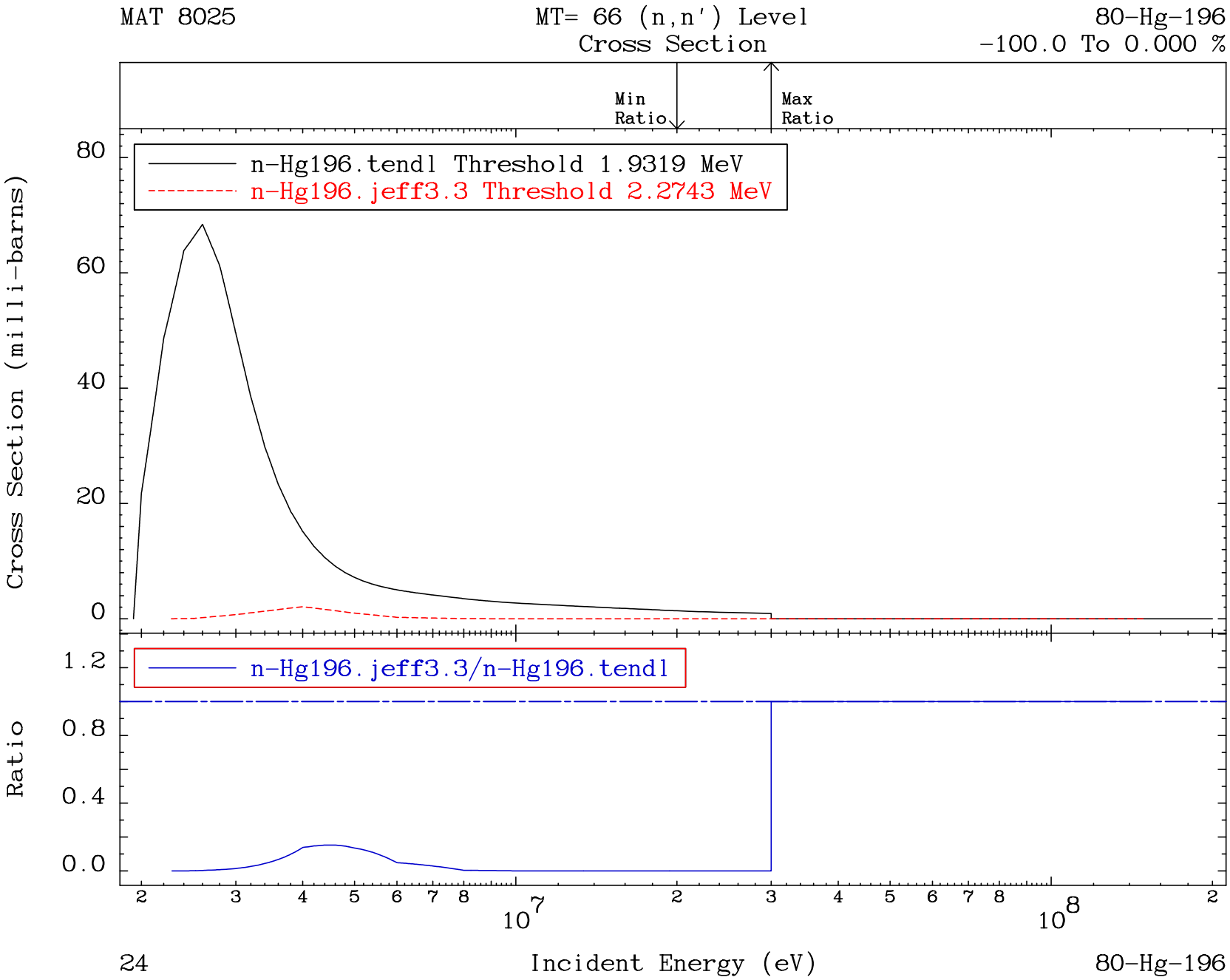

MAT 8025
MT= 61 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 113.7 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 1.7841 MeV
n-Hg196.jeff3.3 Threshold 1.8545 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.0
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
19
Incident Energy (eV)
80-Hg-196

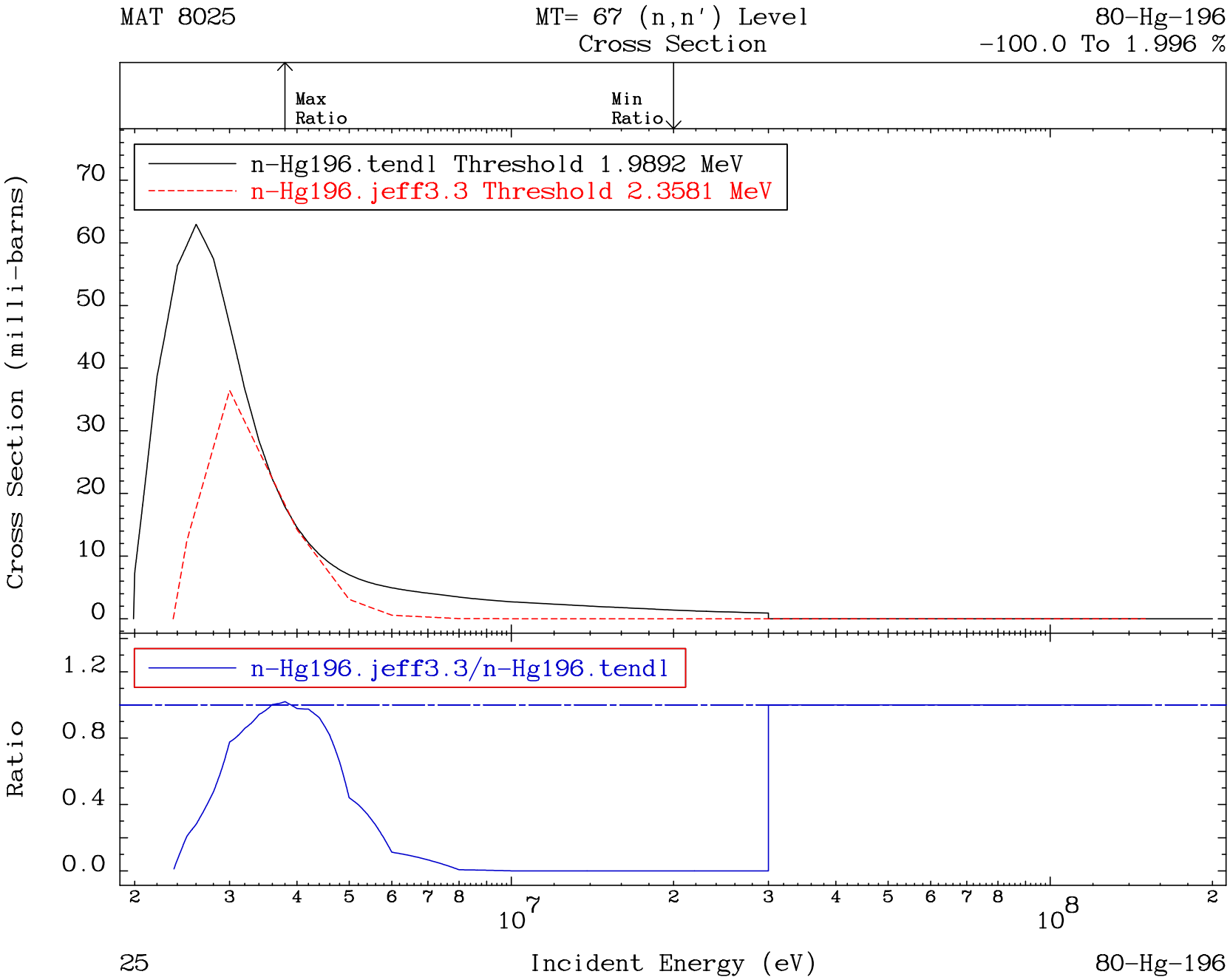

MAT 8025
MT= 62 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 1419. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.7943 MeV
n-Hg196.jeff3.3 Threshold 1.9314 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
15
10
5
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
20
Incident Energy (eV)
80-Hg-196

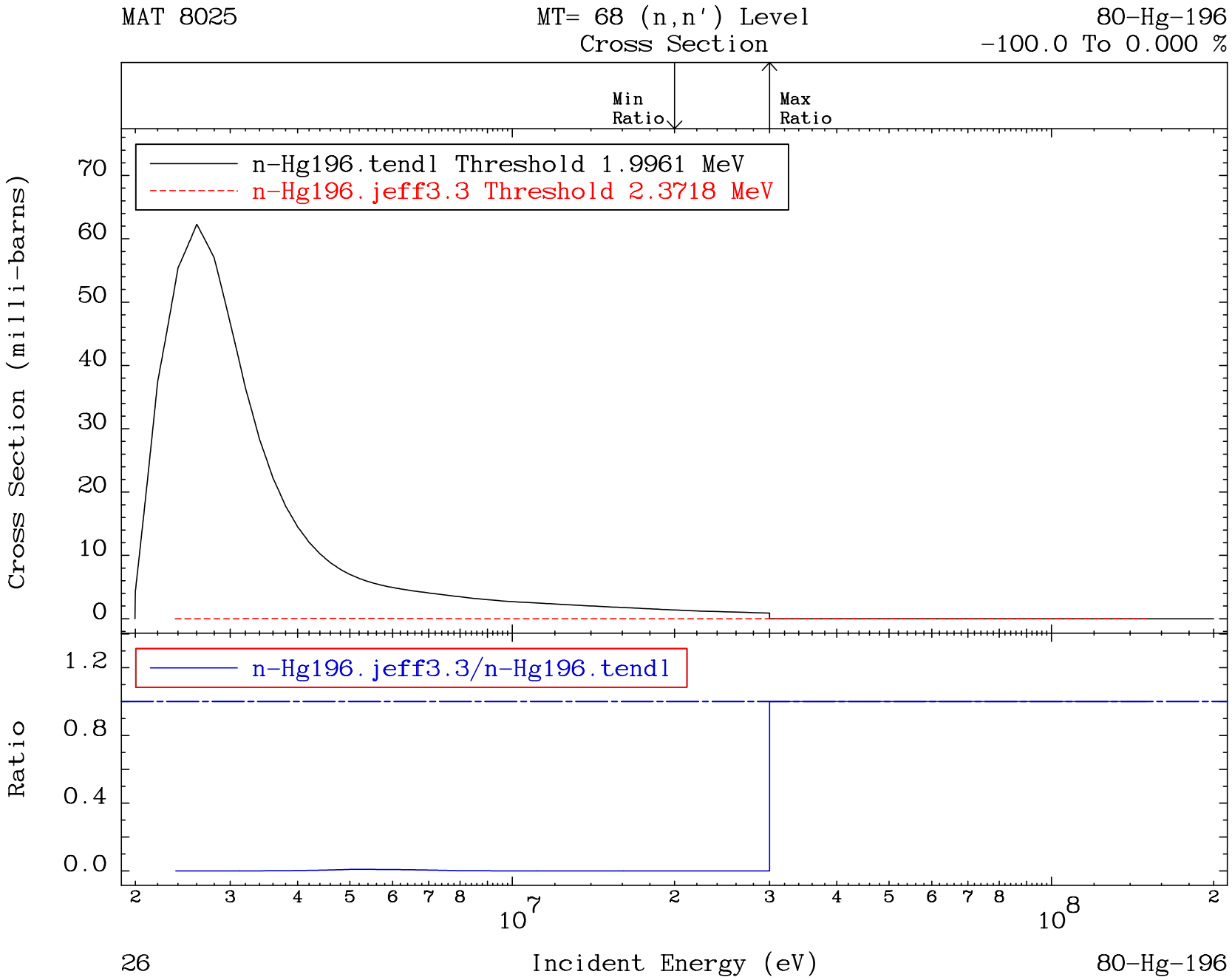

MAT 8025
MT= 63 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 139.0 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.8245 MeV
n-Hg196.jeff3.3 Threshold 1.9889 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
3.0
2.0
1.0
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
21
Incident Energy (eV)
80-Hg-196

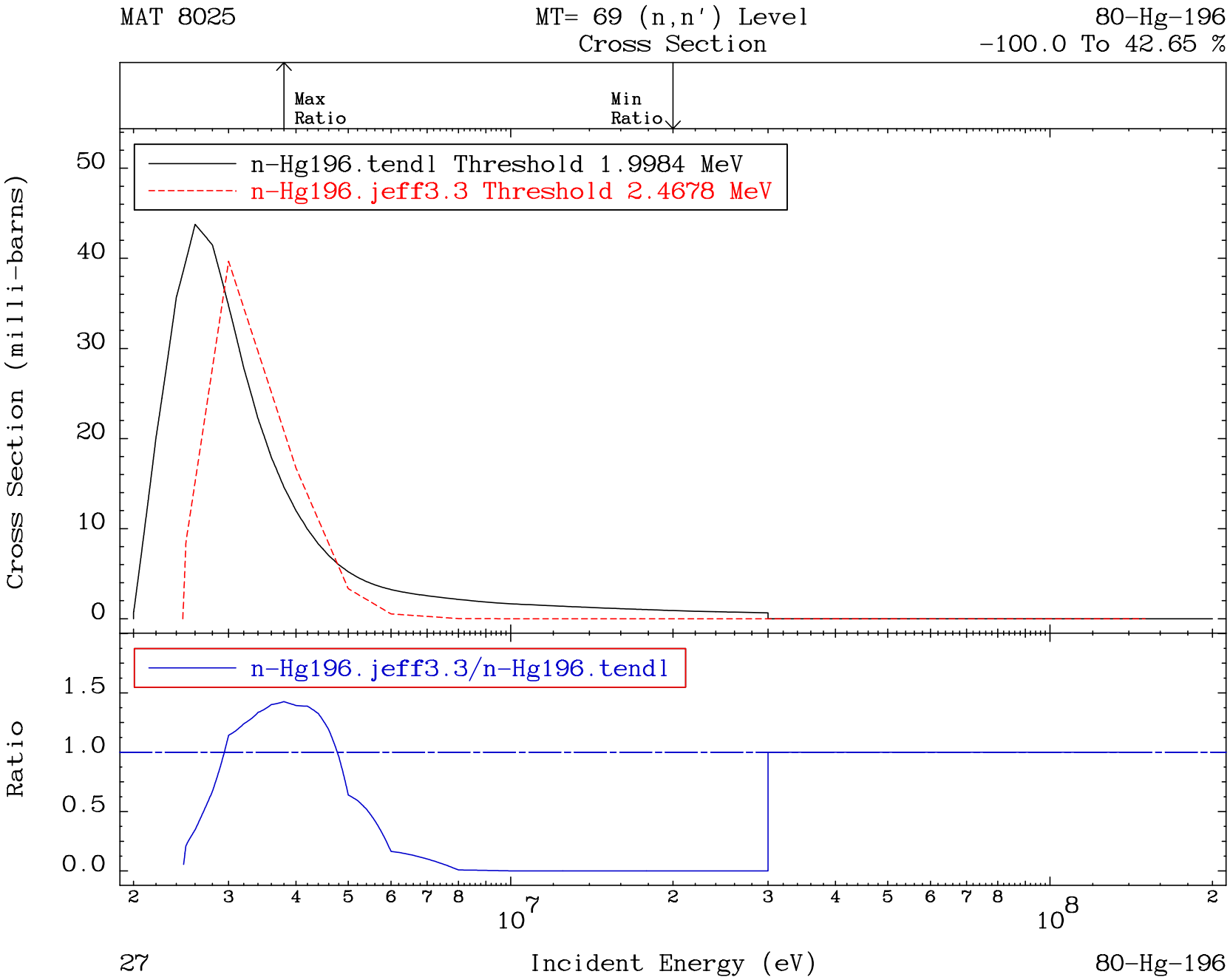

MAT 8025
MT= 64 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 1657. %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 1.8508 MeV
n-Hg196.jeff3.3 Threshold 2.0227 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
20
10
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
80-Hg-196

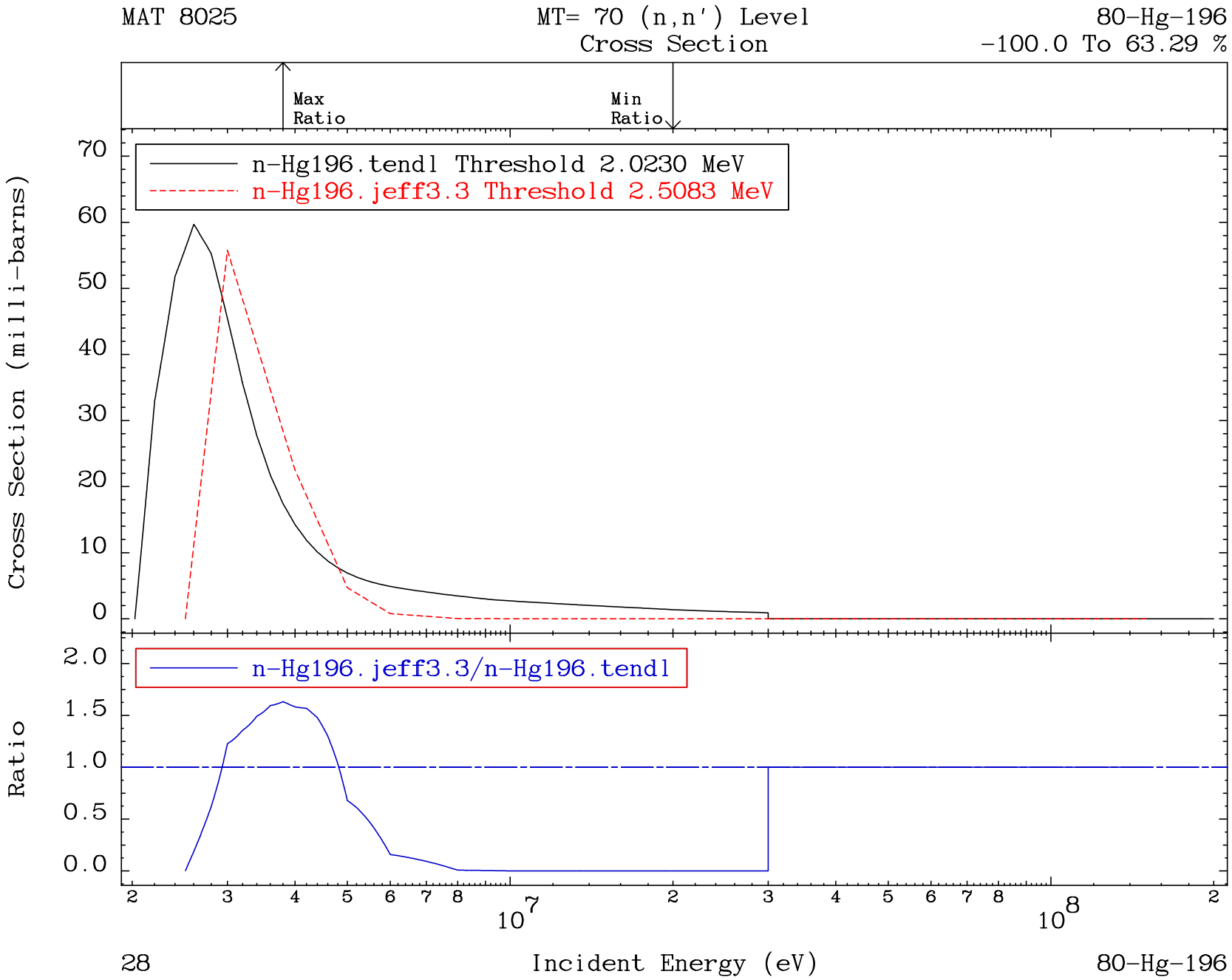

MAT 8025
MT= 65 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 2.267 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.8549 MeV
n-Hg196.jeff3.3 Threshold 2.0743 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
80-Hg-196

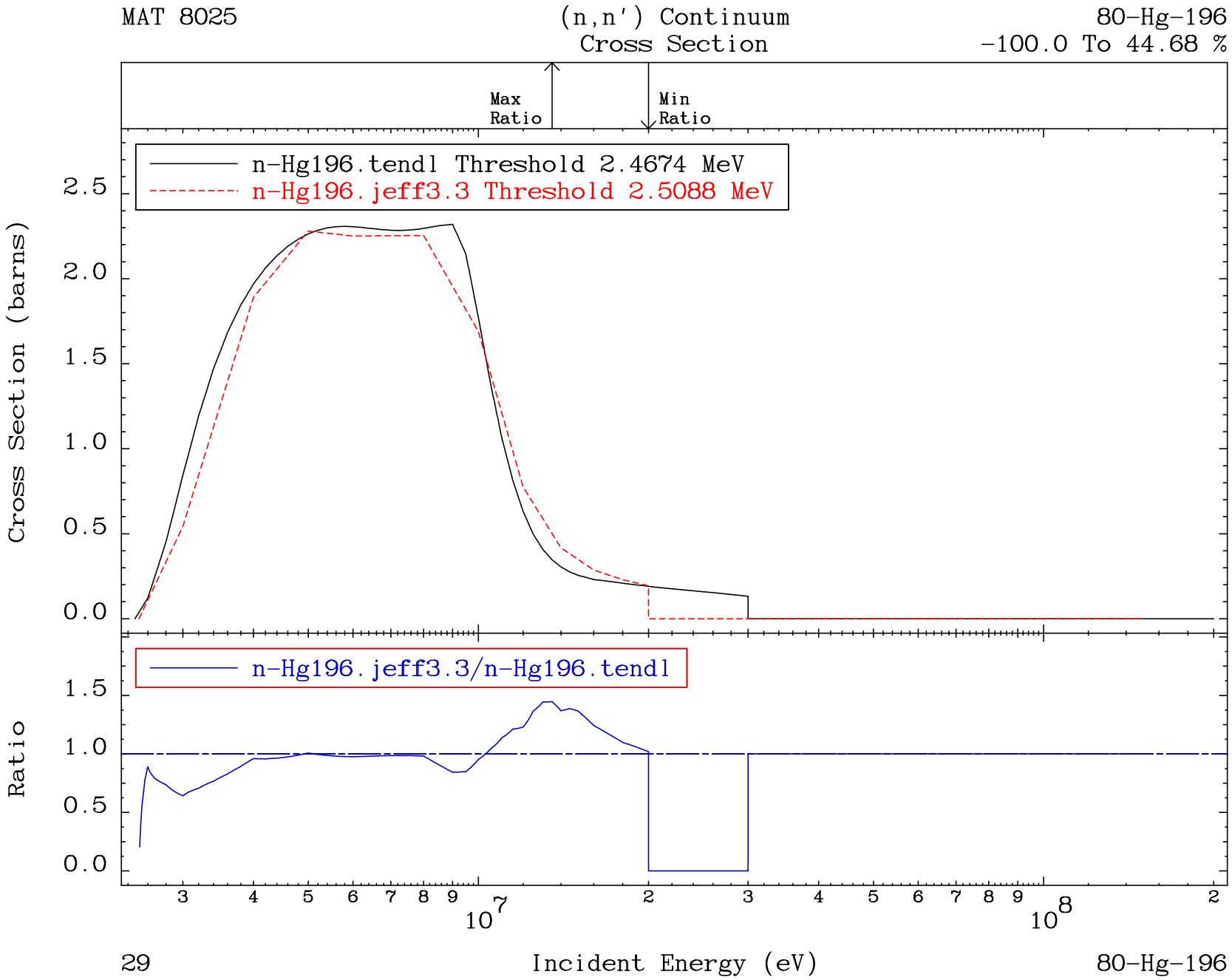

MAT 8025
MT= 66 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg196.tendl Threshold 1.9319 MeV
n-Hg196.jeff3.3 Threshold 2.2743 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
80-Hg-196

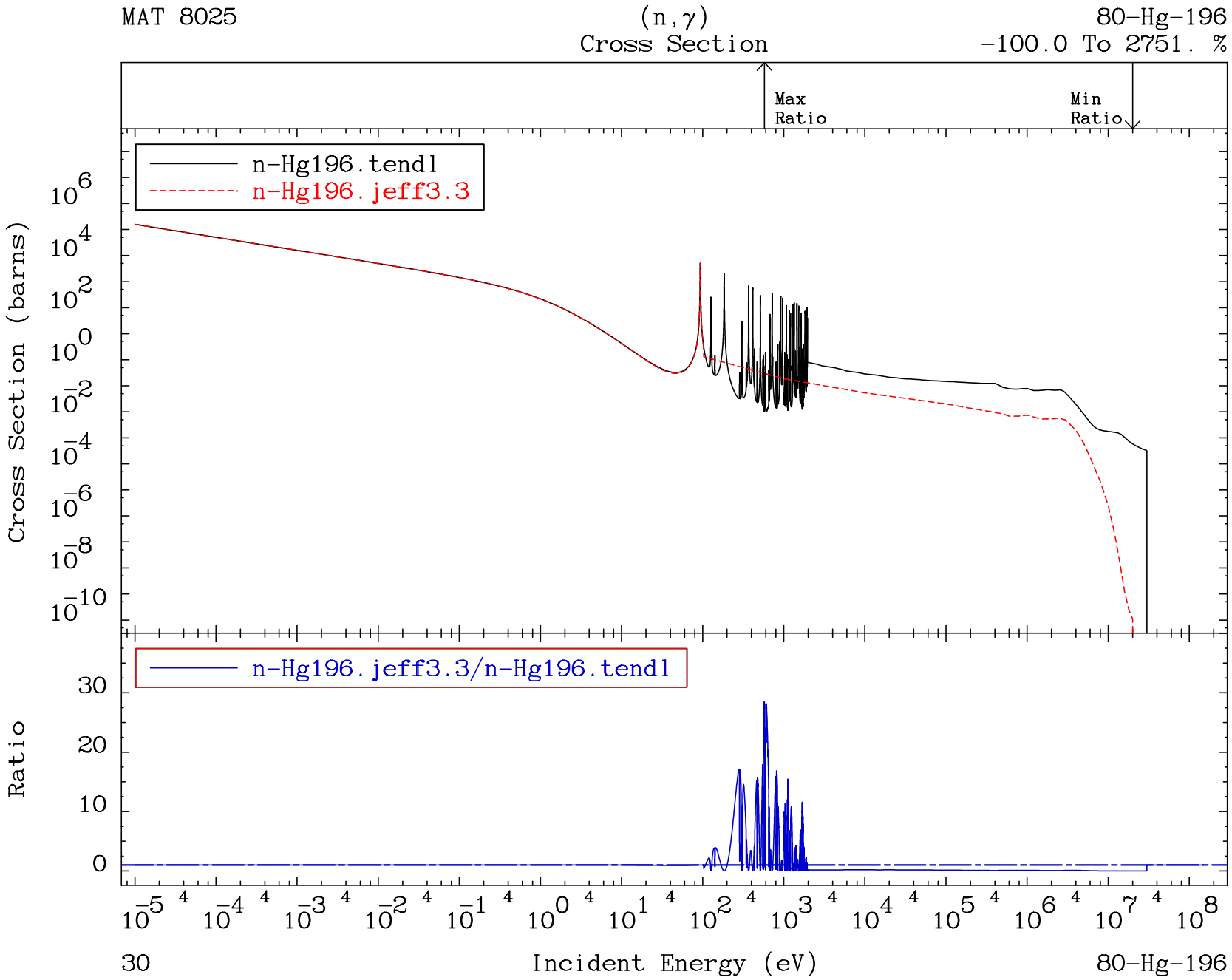

MAT 8025
MT= 67 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 1.996 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 1.9892 MeV
n-Hg196.jeff3.3 Threshold 2.3581 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
25
Incident Energy (eV)
80-Hg-196

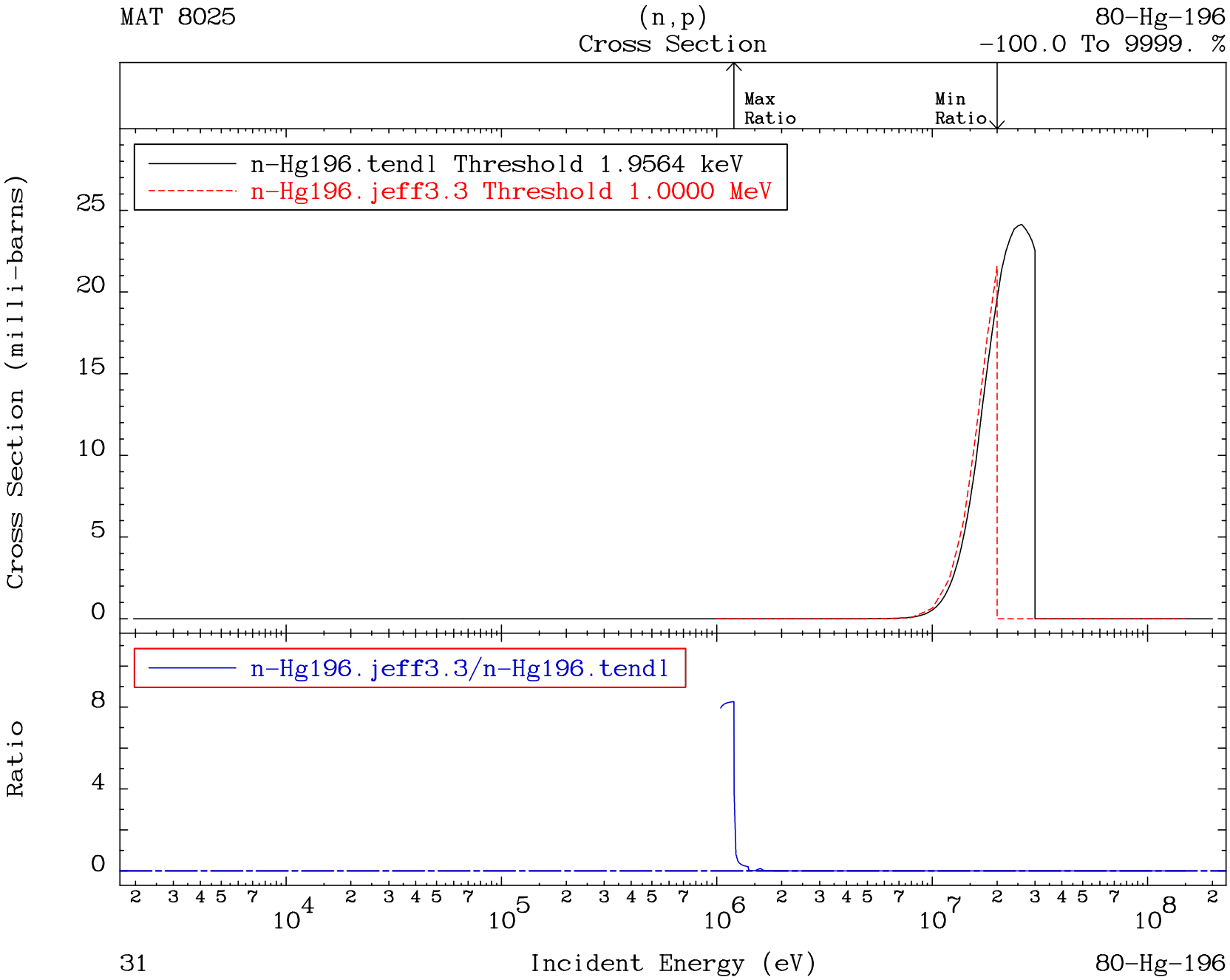

MAT 8025
MT= 68 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 0.000 %
Min Ratio
Max Ratio
n-Hg196.tendl Threshold 1.9961 MeV
n-Hg196.jeff3.3 Threshold 2.3718 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
26
Incident Energy (eV)
80-Hg-196

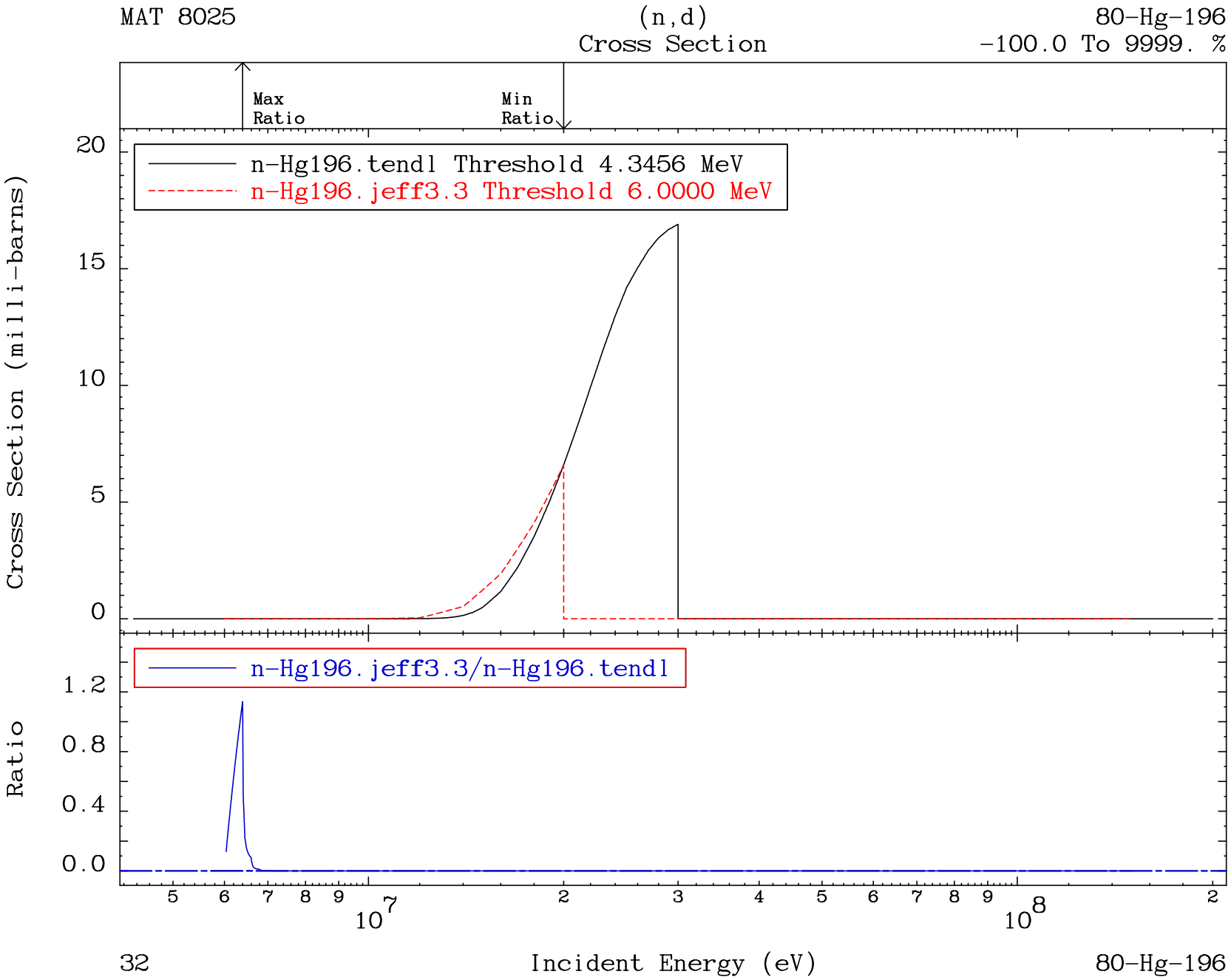

MAT 8025
MT= 69 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 42.65 %
Max
Ratio
Min
Ratio
n-Hg196.tendl Threshold 1.9984 MeV
n-Hg196.jeff3.3 Threshold 2.4678 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.5
1.0
0.5
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
27
Incident Energy (eV)
80-Hg-196

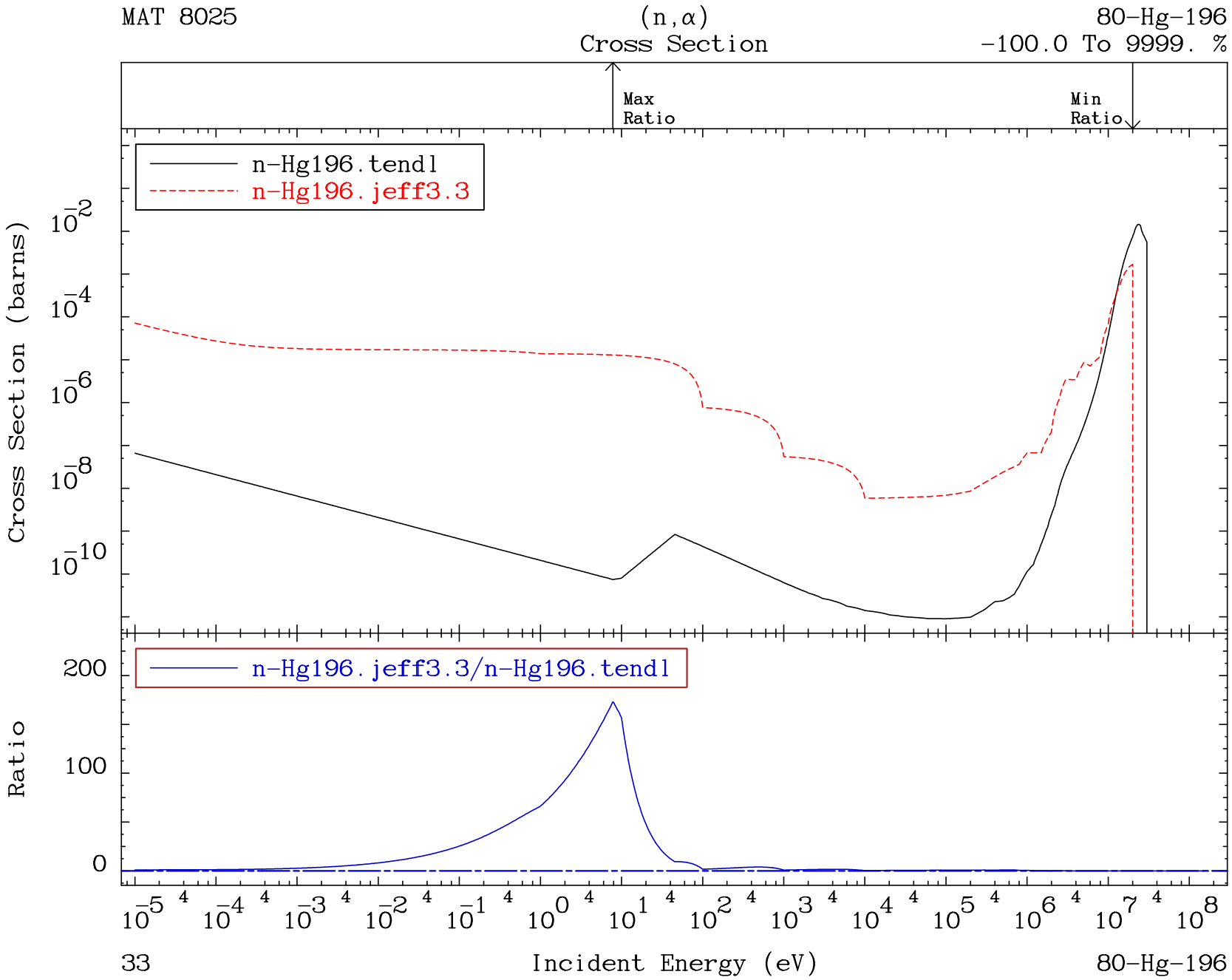

MAT 8025
MT= 70 (n,n') Level
Cross Section
80-Hg-196
-100.0 To 63.29 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 2.0230 MeV
n-Hg196.jeff3.3 Threshold 2.5083 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.5
1.0
0.5
0.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
28
Incident Energy (eV)
80-Hg-196

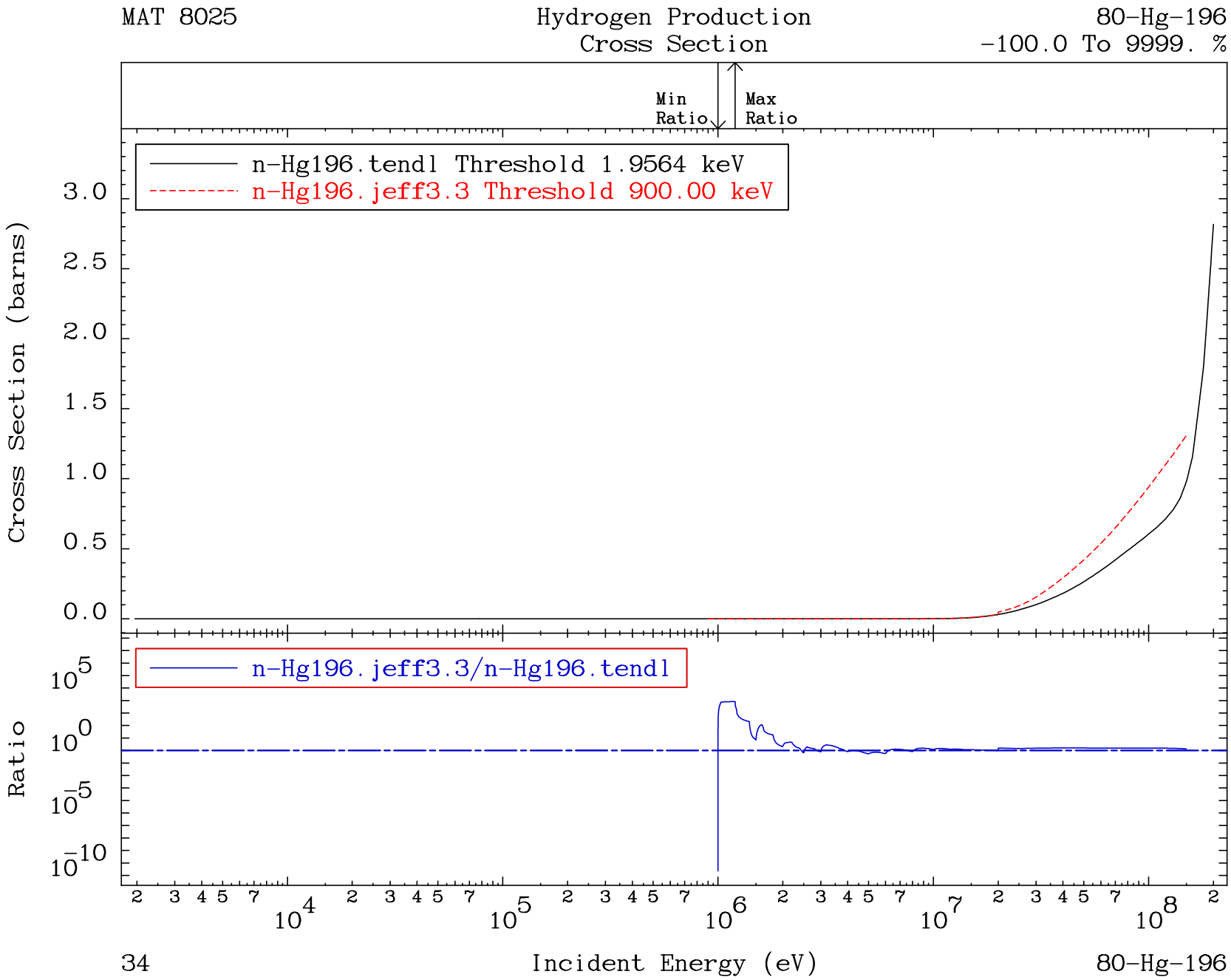

MAT 8025
(n,n') Continuum
Cross Section
80-Hg-196
-100.0 To 44.68 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 2.4674 MeV
n-Hg196.jeff3.3 Threshold 2.5088 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.5
1.0
0.5
0.0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
29
Incident Energy (eV)
80-Hg-196

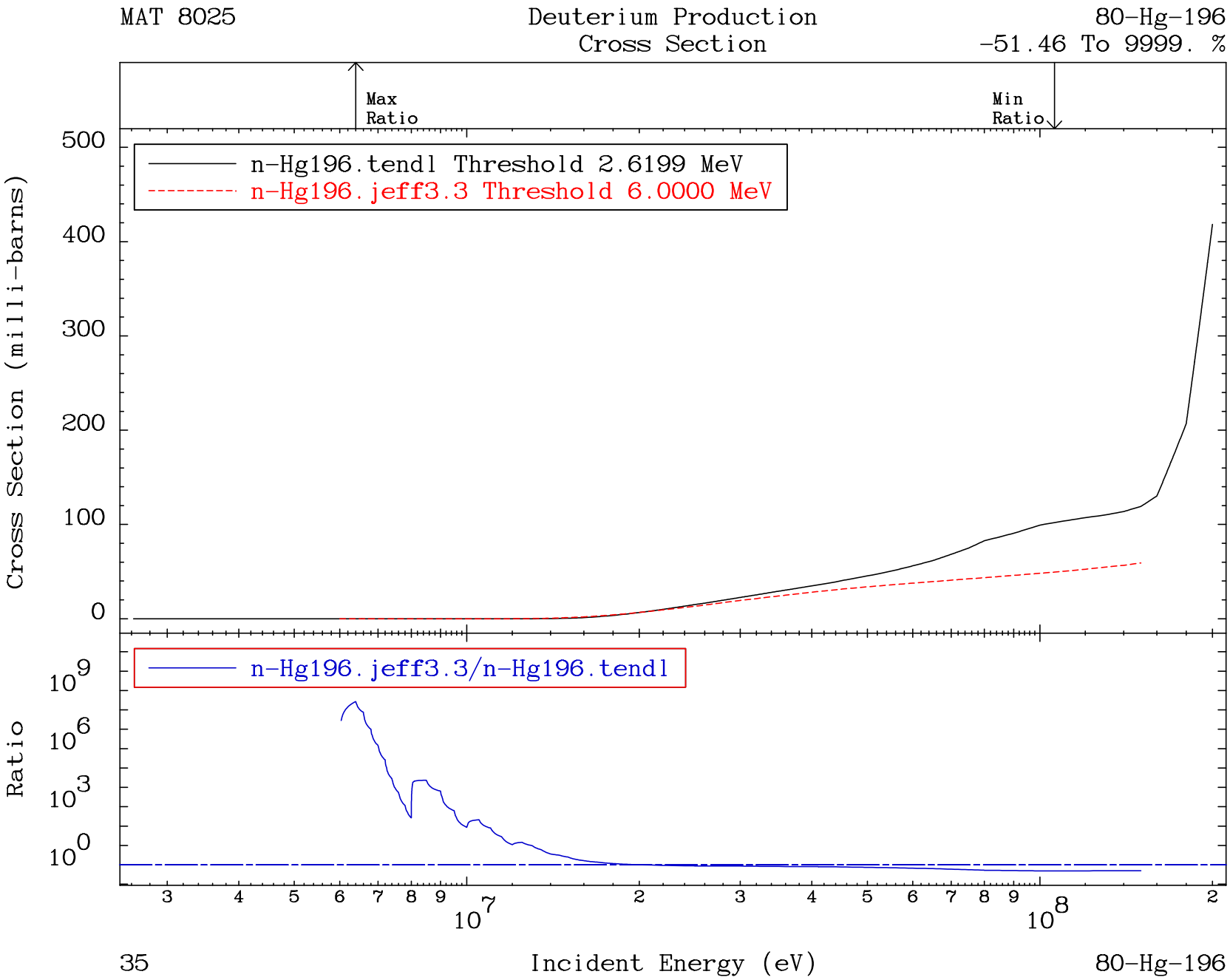

MAT 8025
(n,γ)
Cross Section
80-Hg-196
-100.0 To 2751. %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
30
80-Hg-196

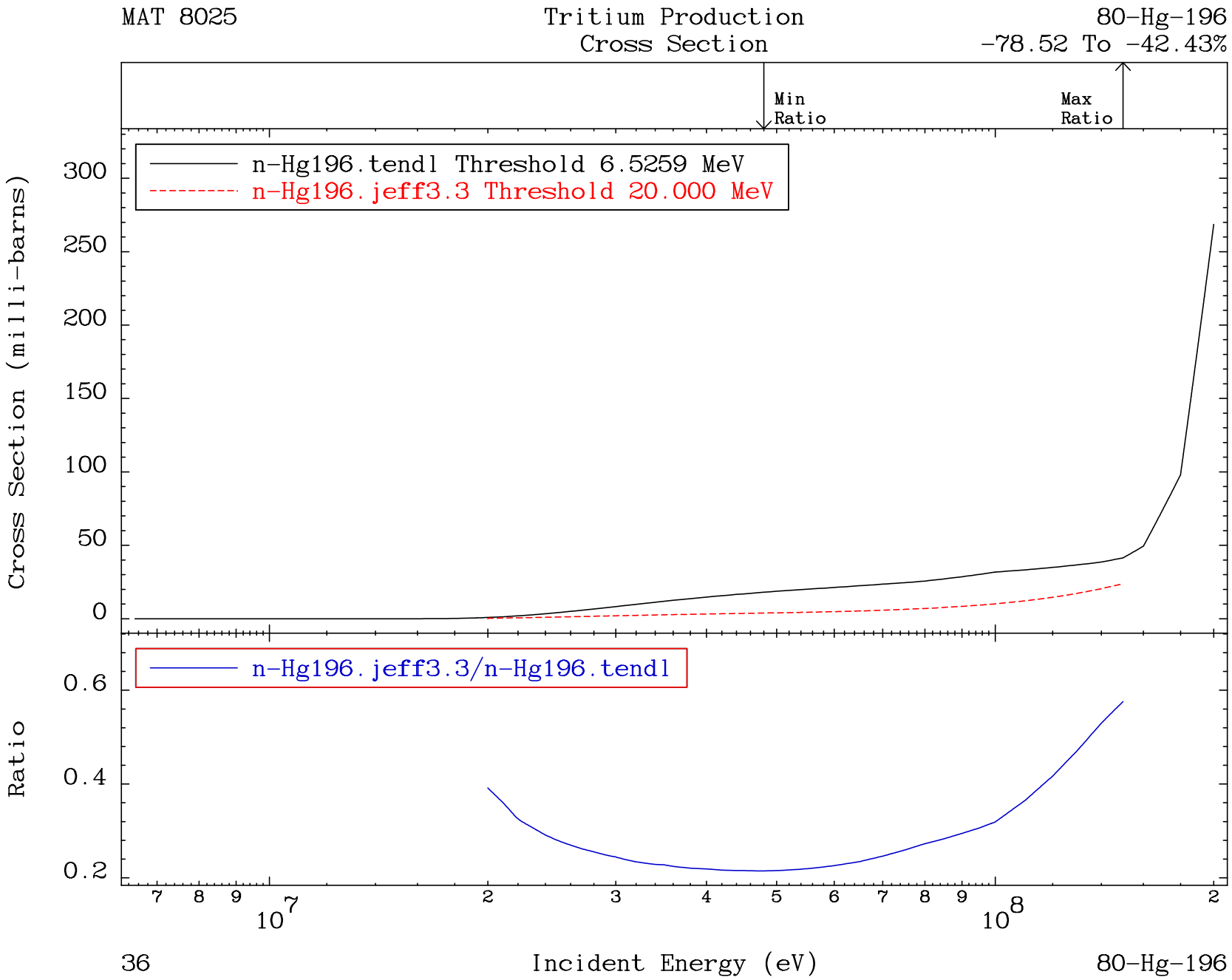

MAT 8025
(n,p)
Cross Section
80-Hg-196
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 1.9564 keV
n-Hg196.jeff3.3 Threshold 1.0000 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
8
4
0
2 3 4 5 7 10^4 2 3 4 5 7 10^5 2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
31
Incident Energy (eV)
80-Hg-196

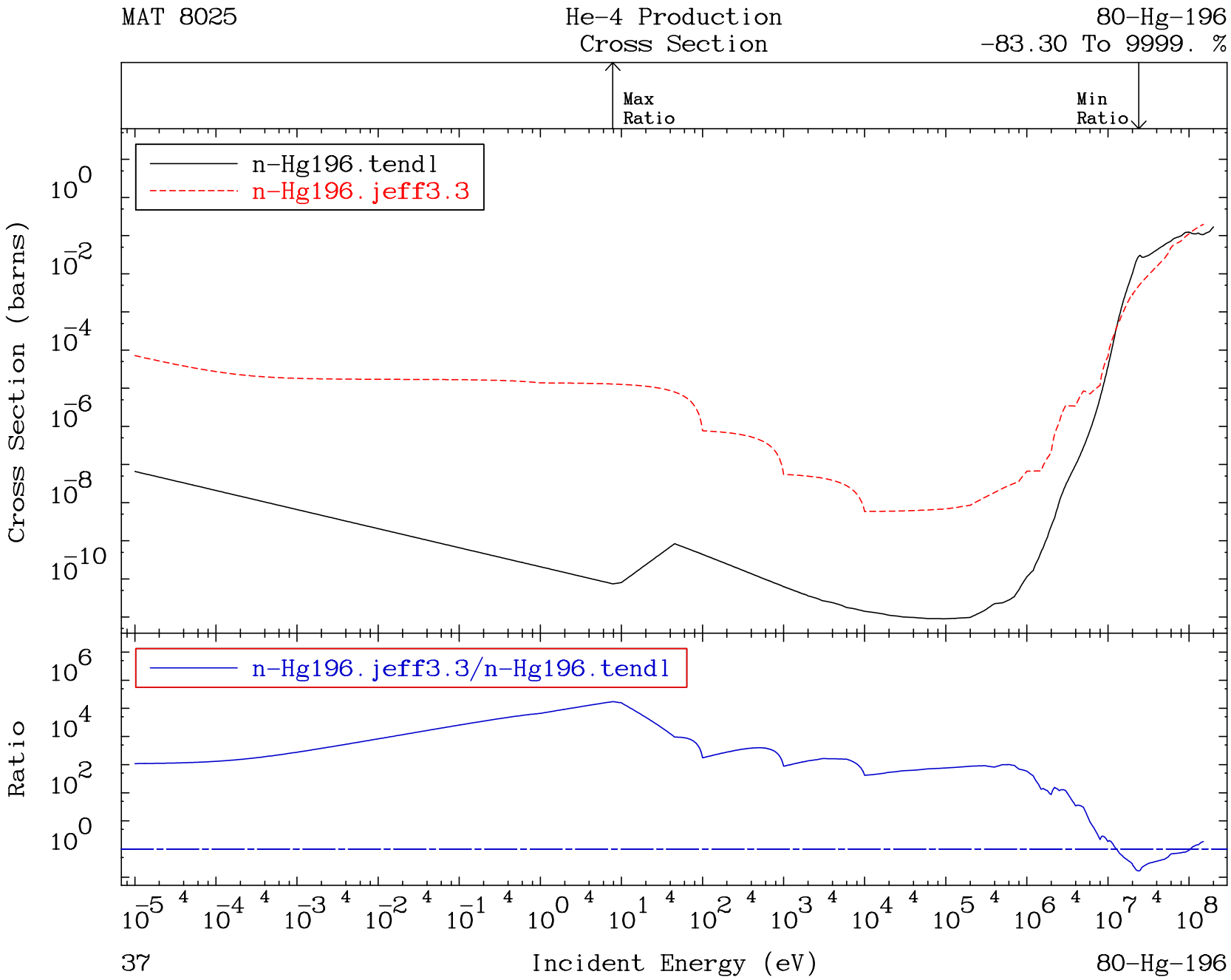

MAT 8025
(n,d)
Cross Section
80-Hg-196
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 4.3456 MeV
n-Hg196.jeff3.3 Threshold 6.0000 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
1.2
0.8
0.4
0.0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
32
Incident Energy (eV)
80-Hg-196

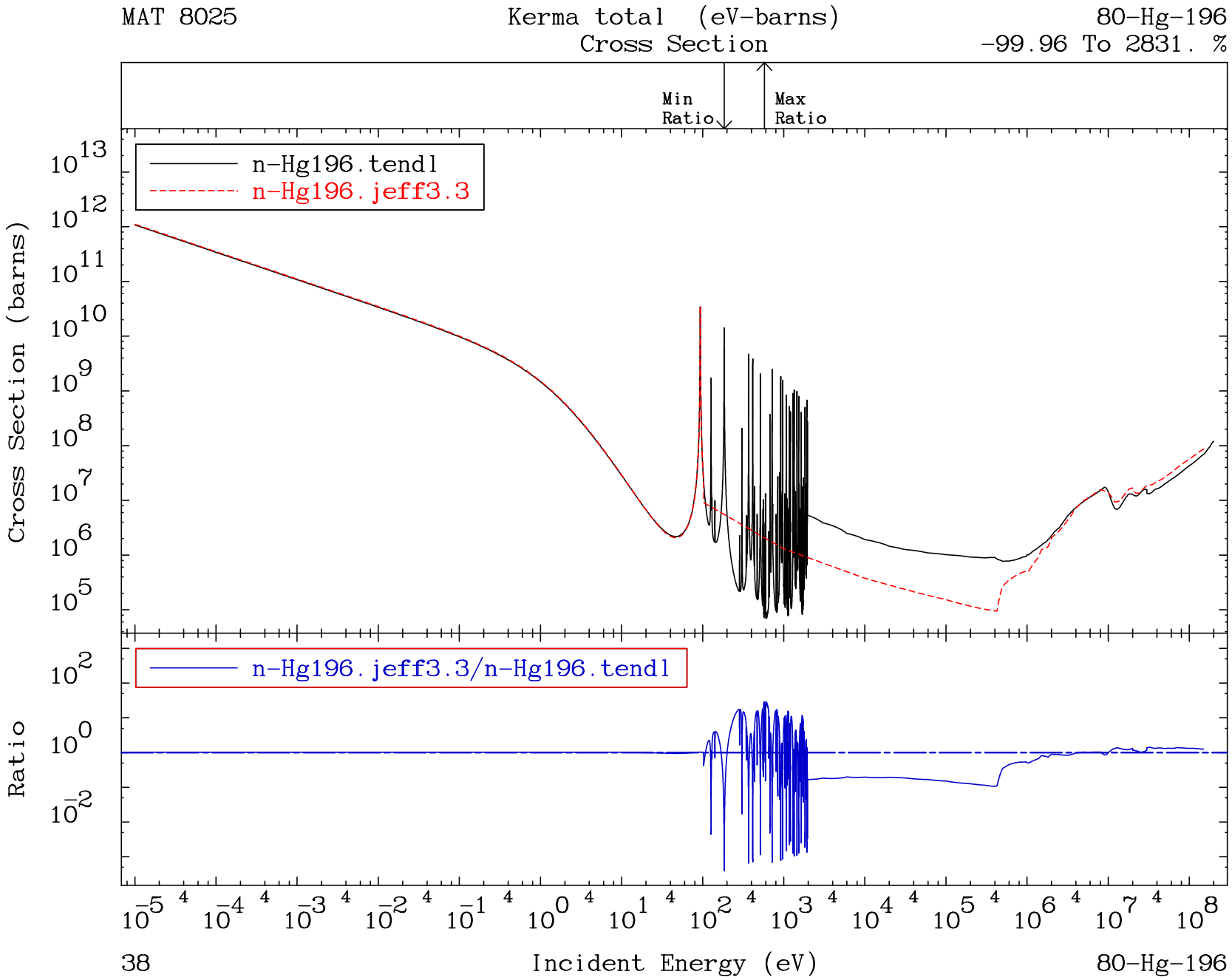

MAT 8025
(n,α)
Cross Section
80-Hg-196
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
10-2
10-4
10-6
10-8
10-10
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
200
100
0
10-5
10-4
10-3
10-2
10-1
100
101
102
103
104
105
106
107
108
33
Incident Energy (eV)
80-Hg-196

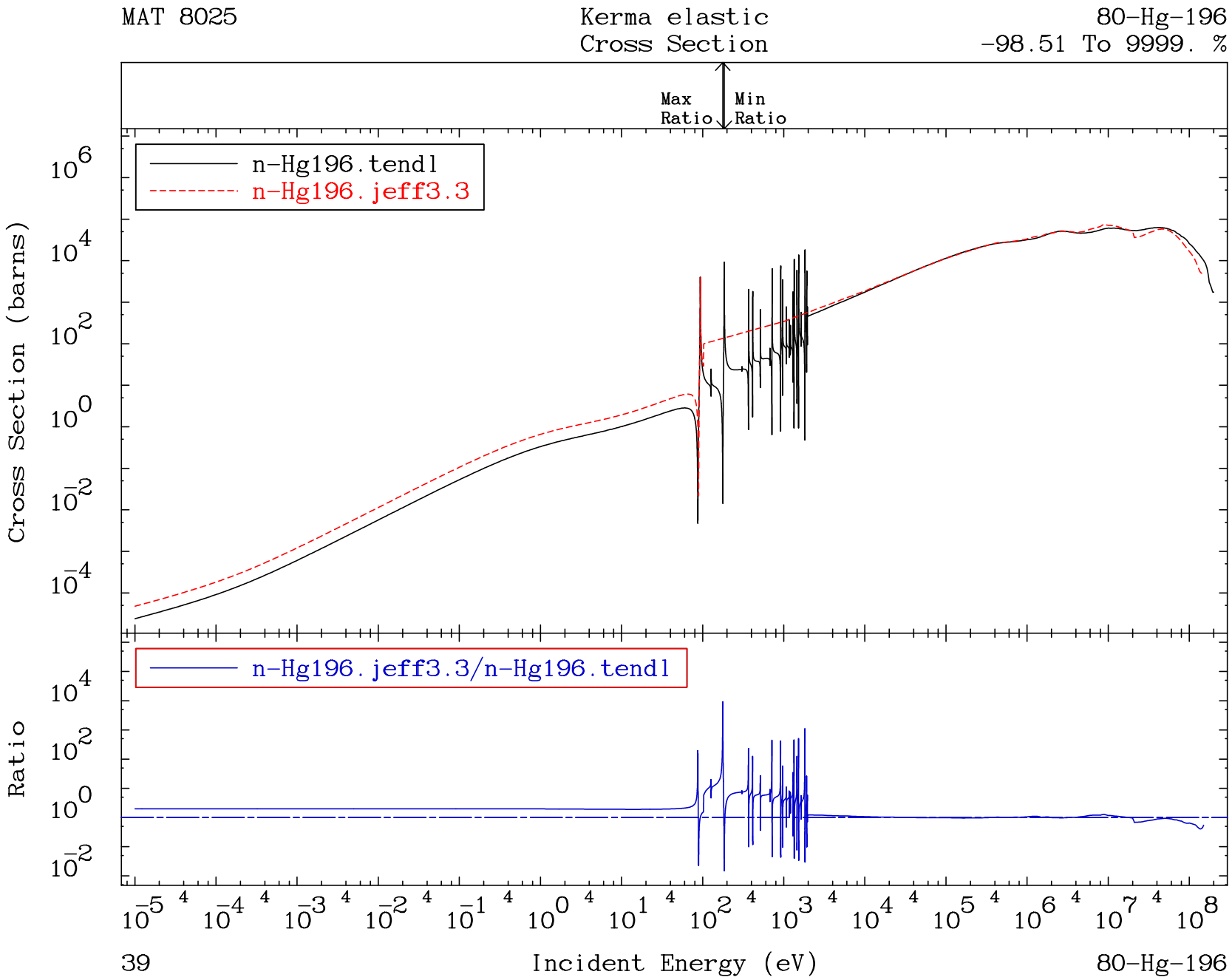

MAT 8025
Hydrogen Production
Cross Section
80-Hg-196
-100.0 To 9999. %
Min Ratio
Max Ratio
n-Hg196.tendl Threshold 1.9564 keV
n-Hg196.jeff3.3 Threshold 900.00 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
10^5
10^0
10^-5
10^-10
2 3 4 5 7 10^4 2 3 4 5 7 10^5 2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
34
Incident Energy (eV)
80-Hg-196

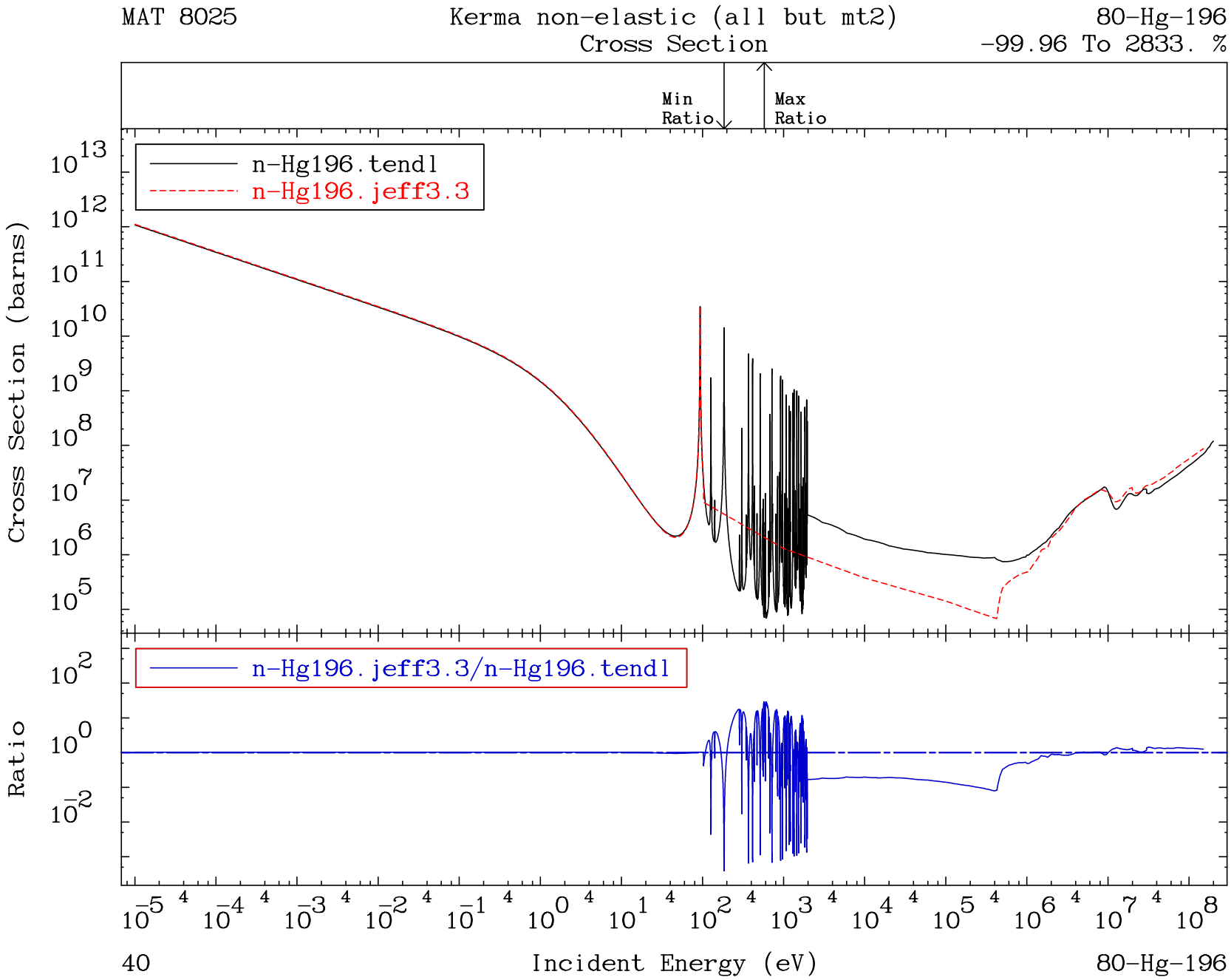

MAT 8025
Deuterium Production
Cross Section
80-Hg-196
-51.46 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 2.6199 MeV
n-Hg196.jeff3.3 Threshold 6.0000 MeV
Cross Section (milli-barns)
500
400
300
200
100
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
10^9
10^6
10^3
10^0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
35
Incident Energy (eV)
80-Hg-196

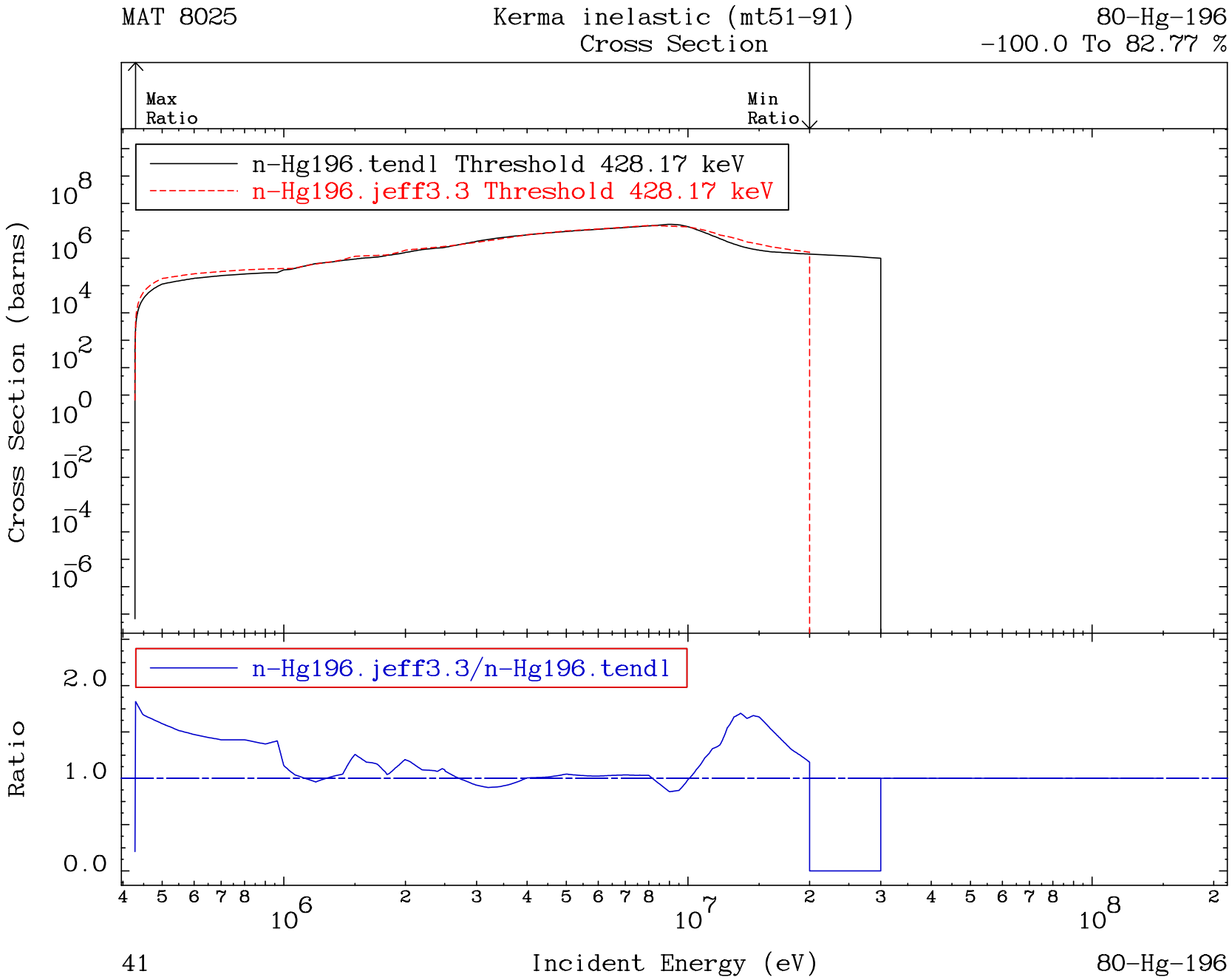

MAT 8025
Tritium Production
Cross Section
80-Hg-196
-78.52 To -42.43%
Min
Ratio
Max
Ratio
n-Hg196.tendl Threshold 6.5259 MeV
n-Hg196.jeff3.3 Threshold 20.000 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
0.6
0.4
0.2
7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
36
Incident Energy (eV)
80-Hg-196

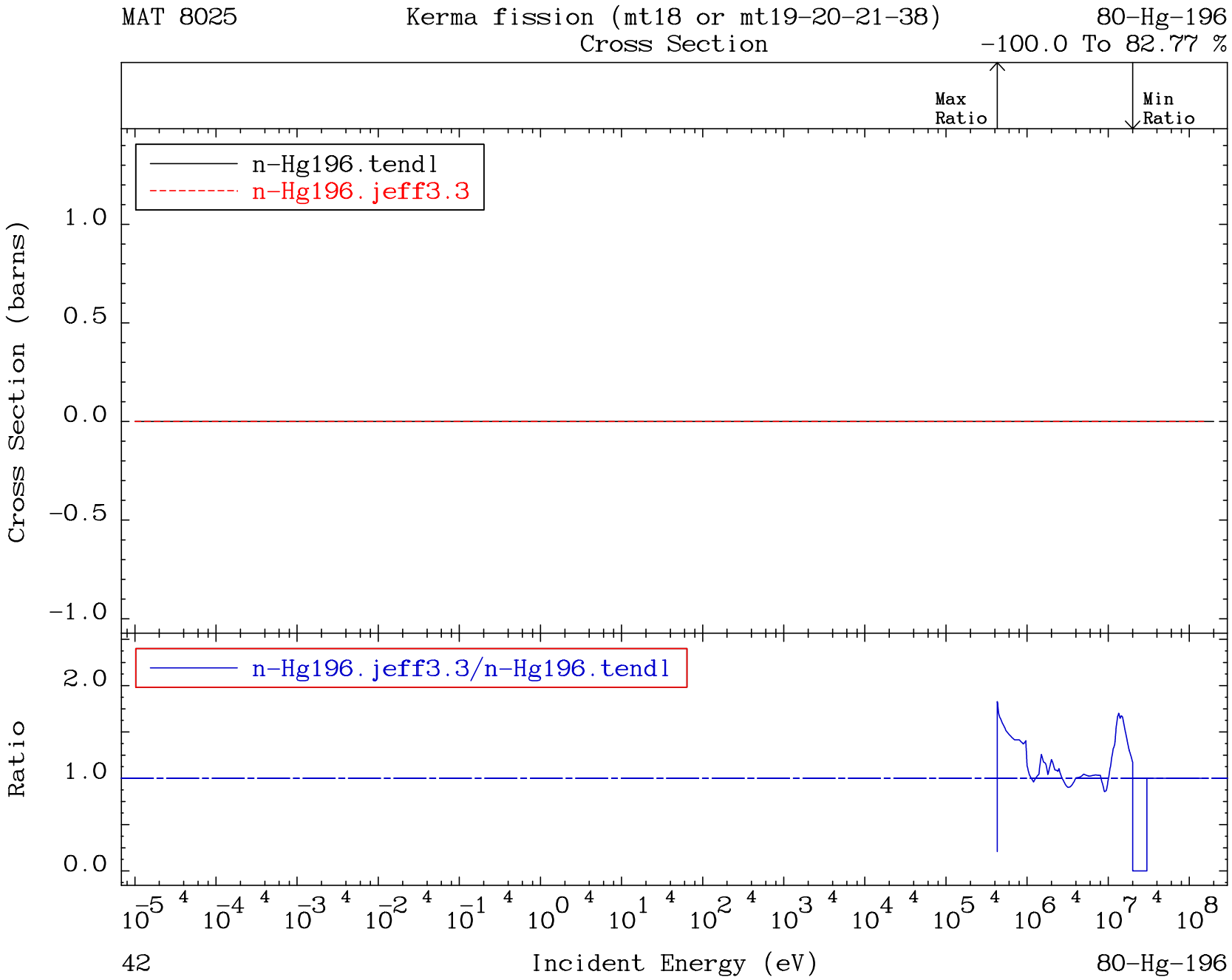

MAT 8025
He-4 Production
Cross Section
80-Hg-196
-83.30 To 9999. %
Max
Ratio
Min
Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
10^-8
10^-10
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
10^6
10^4
10^2
10^0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
37
Incident Energy (eV)
80-Hg-196

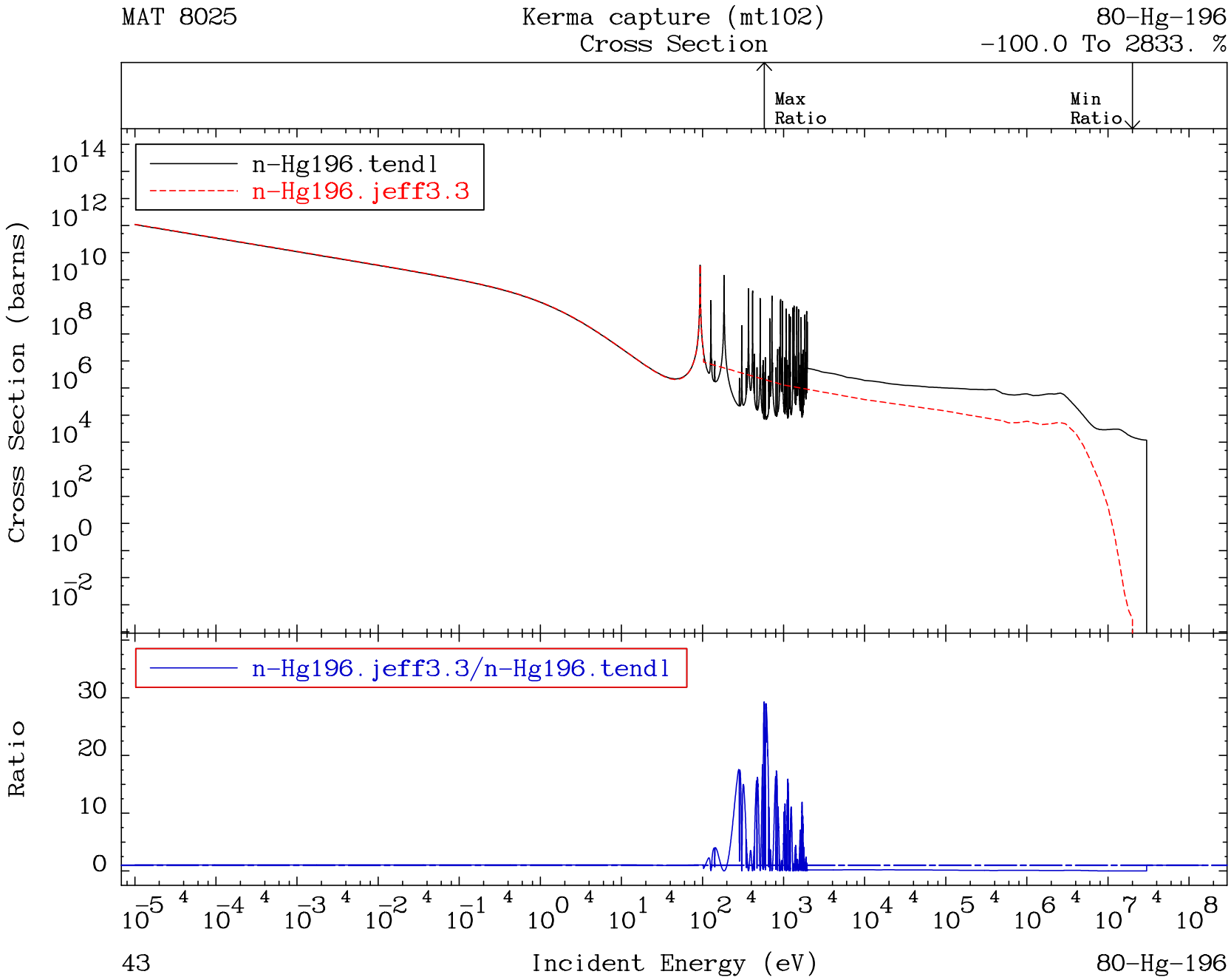

MAT 8025
Kerma total (eV-barns)
Cross Section
80-Hg-196
-99.96 To 2831. %
Min Ratio
Max Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
38
Incident Energy (eV)
80-Hg-196

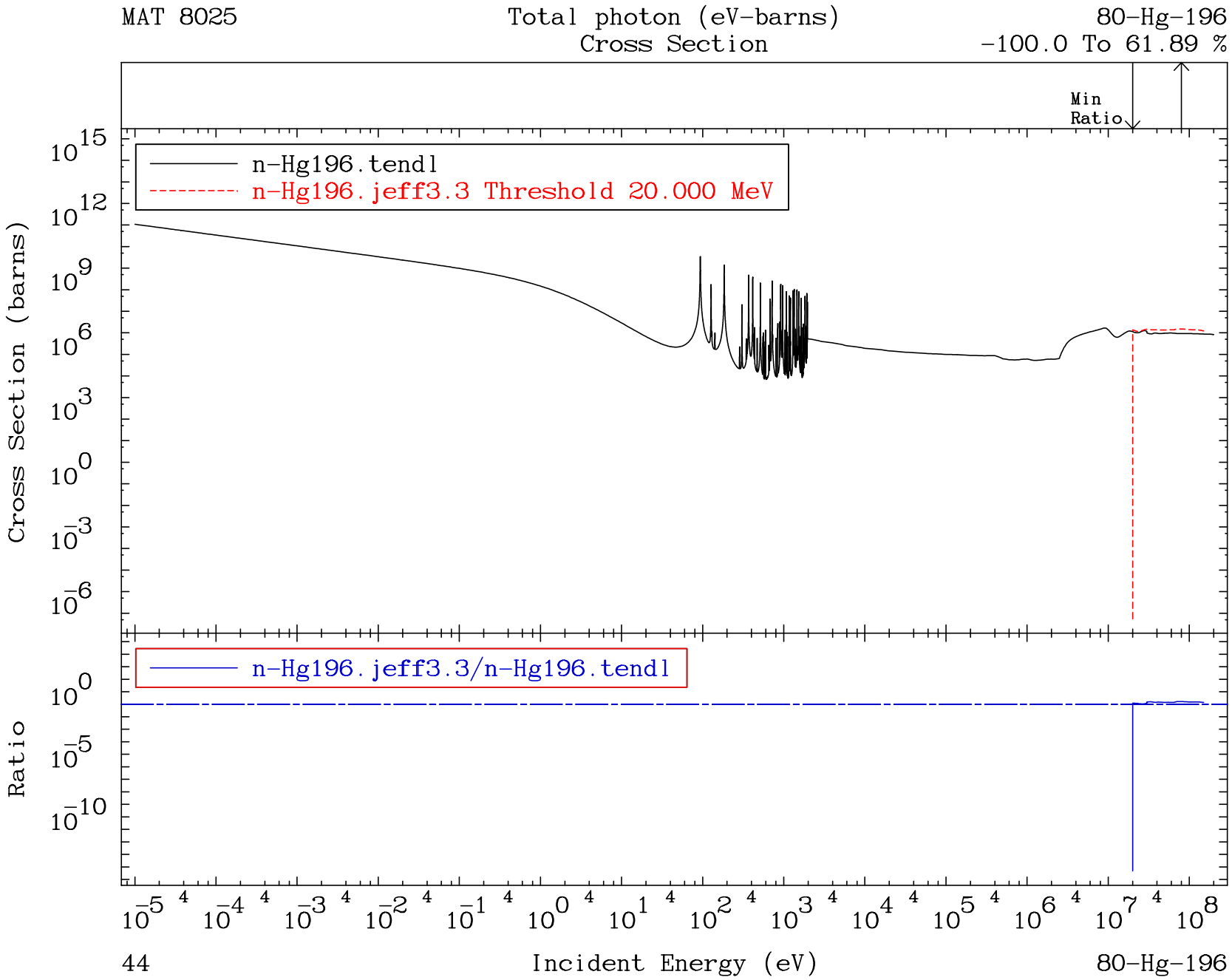

MAT 8025
Kerma elastic
Cross Section
80-Hg-196
-98.51 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
39
80-Hg-196

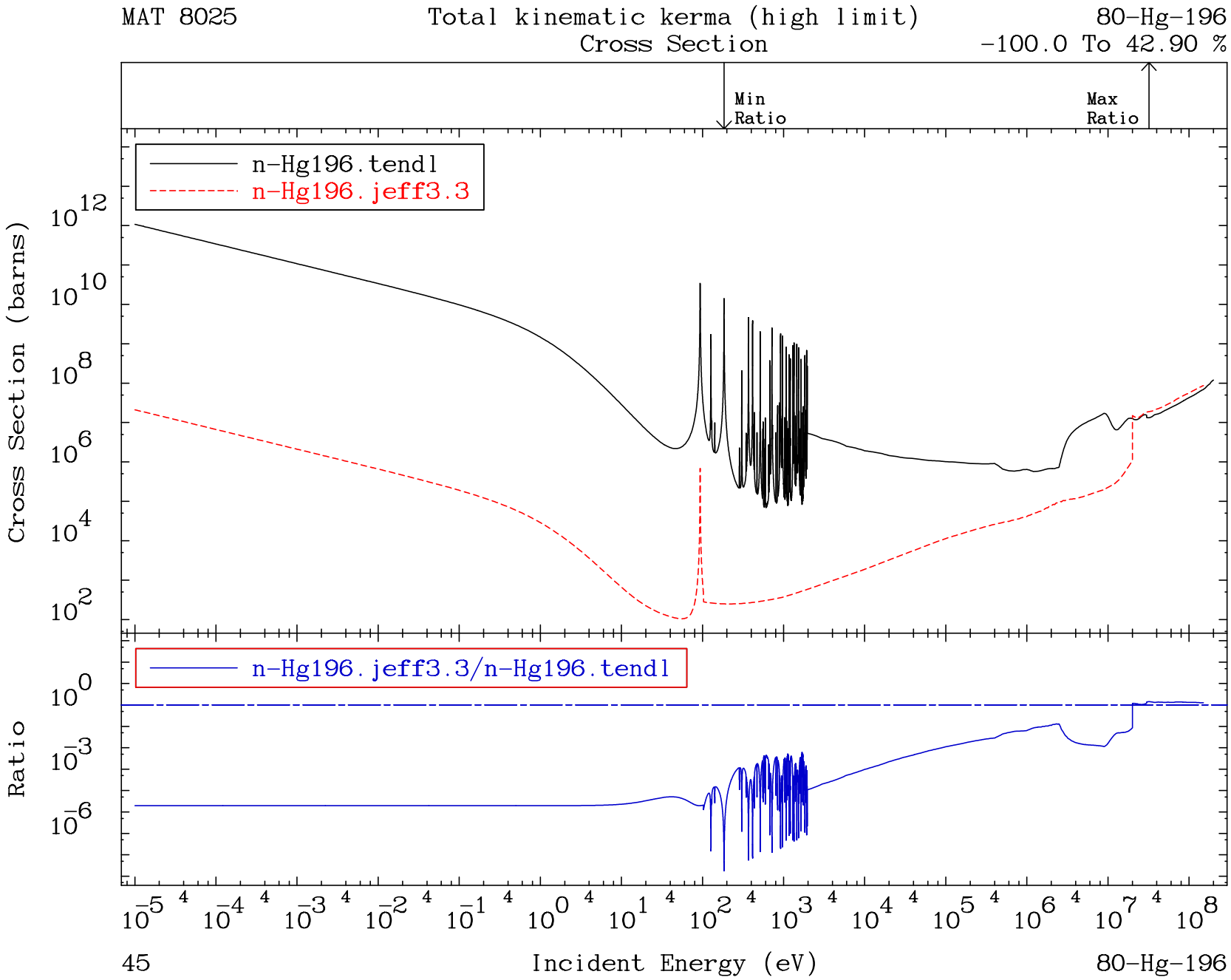

MAT 8025
Kerma non-elastic (all but mt2)
Cross Section
80-Hg-196
-99.96 To 2833. %
Min Ratio
Max Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
40
80-Hg-196

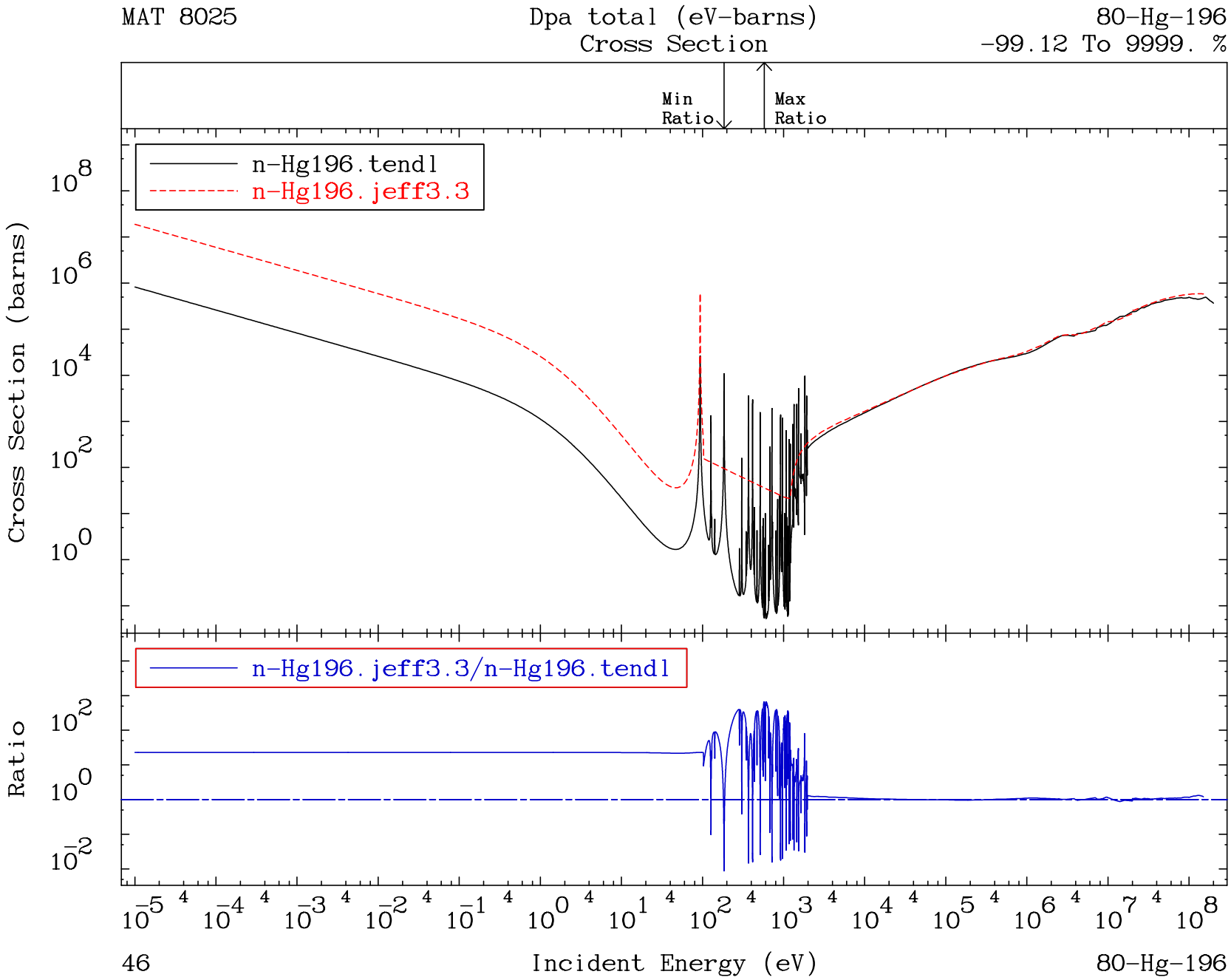

MAT 8025
Kerma inelastic (mt51-91)
Cross Section
80-Hg-196
-100.0 To 82.77 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 428.17 keV
n-Hg196.jeff3.3 Threshold 428.17 keV
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
41
80-Hg-196

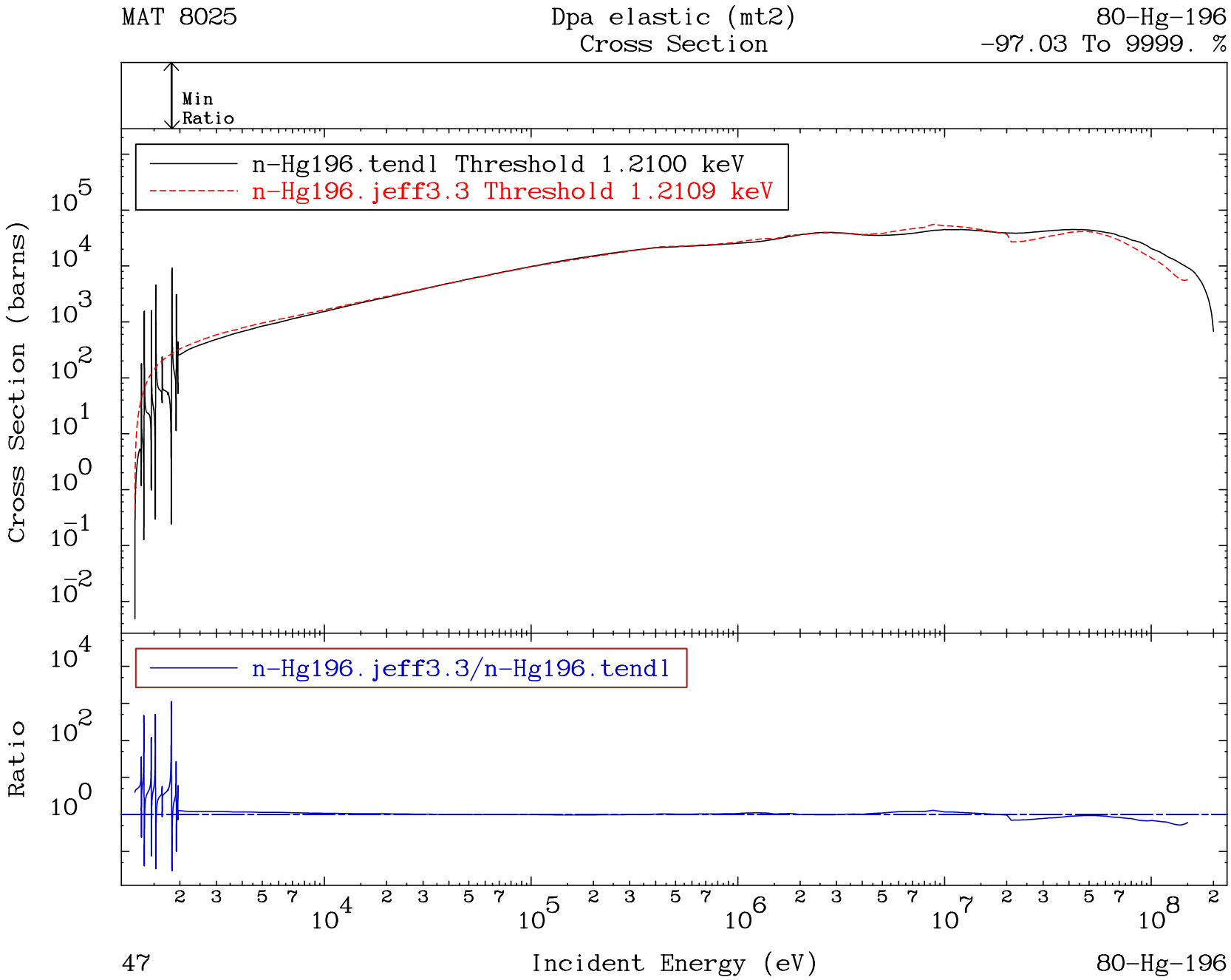

MAT 8025
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
80-Hg-196
-100.0 To 82.77 %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
2.0
1.0
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
42
Incident Energy (eV)
80-Hg-196

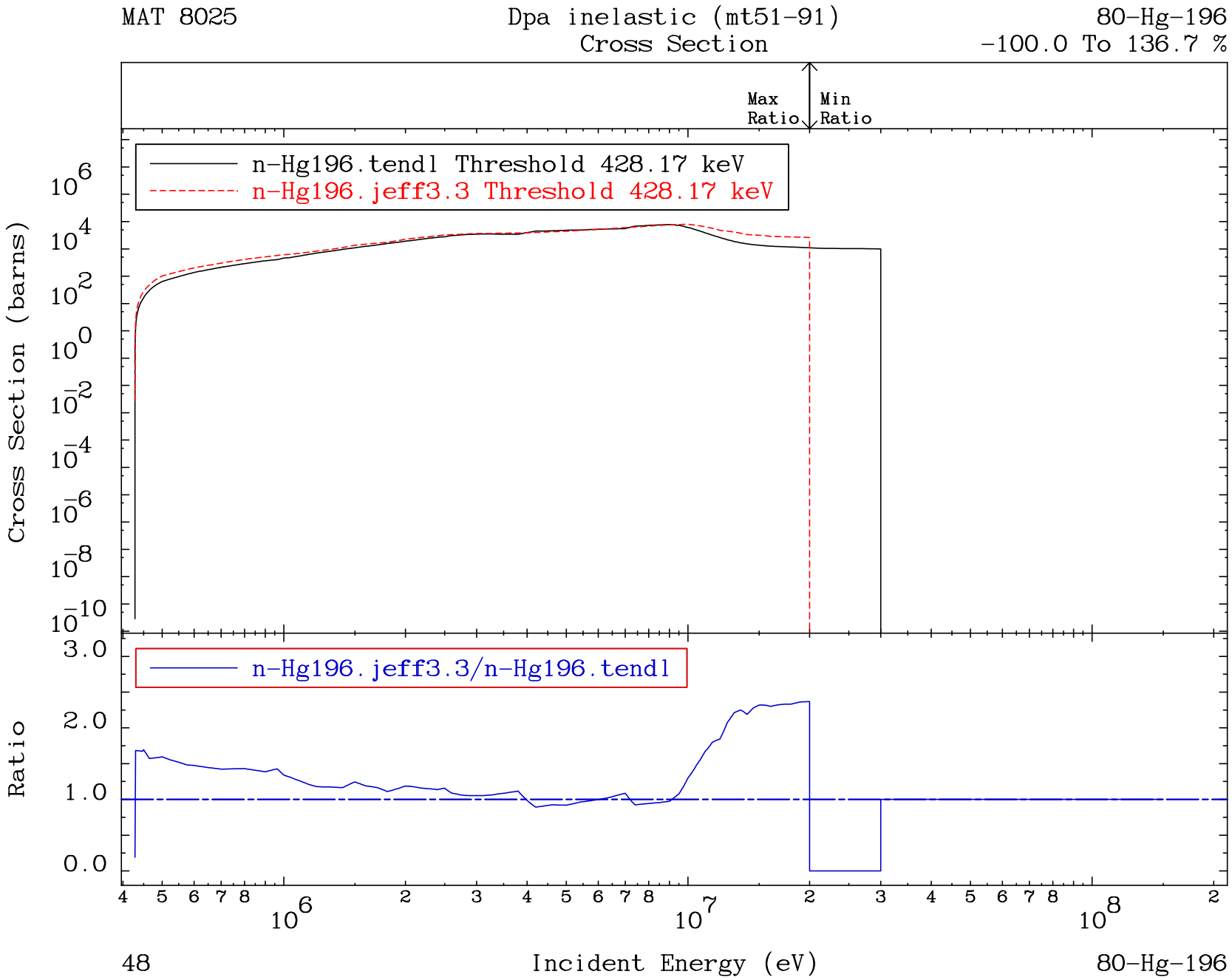

MAT 8025
Kerma capture (mt102)
Cross Section
80-Hg-196
-100.0 To 2833. %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
43
Incident Energy (eV)
80-Hg-196

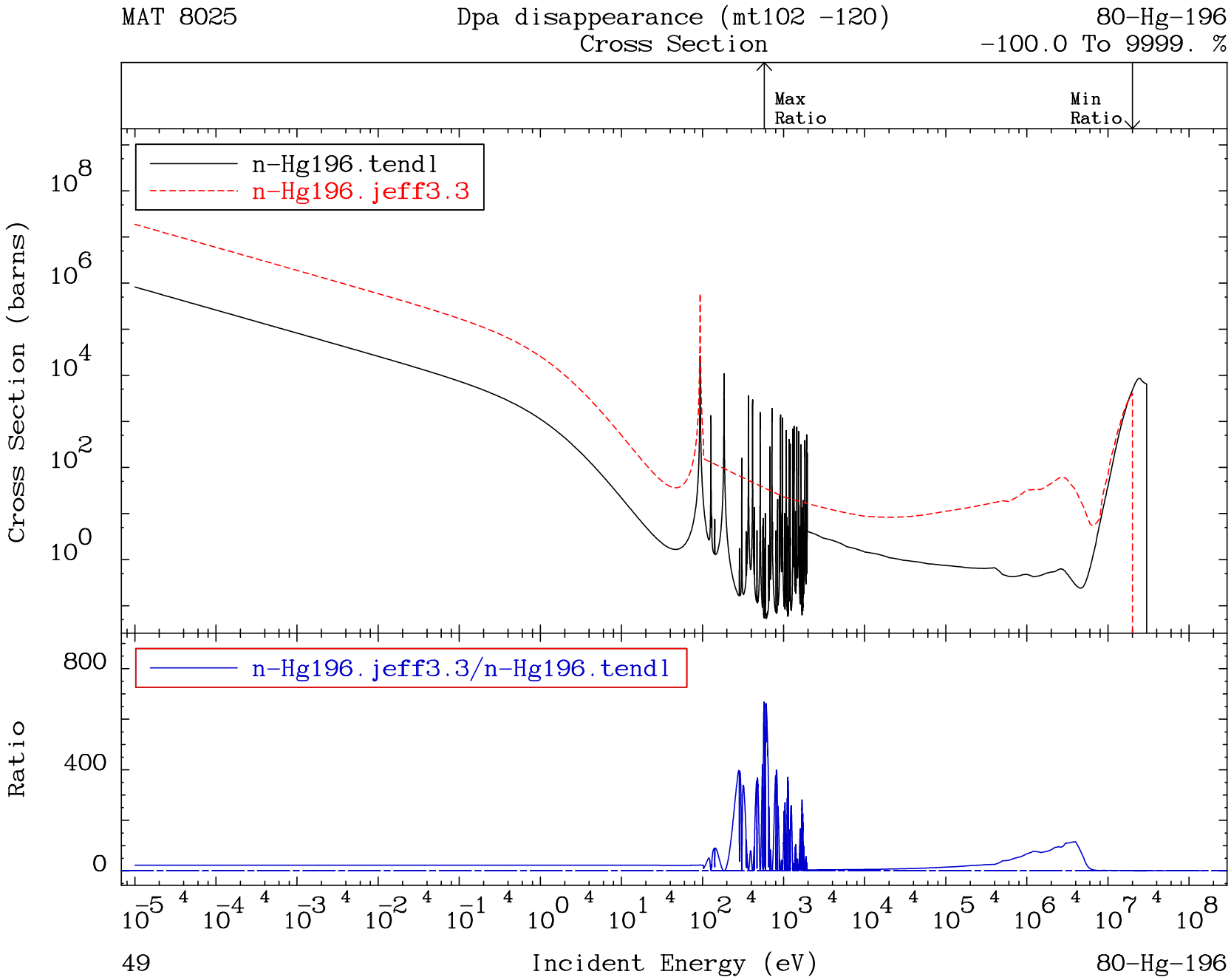

MAT 8025
Total photon (eV-barns)
Cross Section
80-Hg-196
-100.0 To 61.89 %
Min
Ratio
n-Hg196.tendl
n-Hg196.jeff3.3 Threshold 20.000 MeV
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
44
80-Hg-196


MAT 8025
Total kinematic kerma (high limit)
Cross Section
80-Hg-196
-100.0 To 42.90 %
Min Ratio
Max Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
45
80-Hg-196


MAT 8025
Dpa total (eV-barns)
Cross Section
80-Hg-196
-99.12 To 9999. %
Min Ratio
Max Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
46
80-Hg-196


MAT 8025
Dpa elastic (mt2)
Cross Section
80-Hg-196
-97.03 To 9999. %
Min
Ratio
n-Hg196.tendl Threshold 1.2100 keV
n-Hg196.jeff3.3 Threshold 1.2109 keV
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
47
80-Hg-196


MAT 8025
Dpa inelastic (mt51-91)
Cross Section
80-Hg-196
-100.0 To 136.7 %
Max Ratio
Min Ratio
n-Hg196.tendl Threshold 428.17 keV
n-Hg196.jeff3.3 Threshold 428.17 keV
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
48
80-Hg-196


MAT 8025
Dpa disappearance (mt102 -120)
Cross Section
80-Hg-196
-100.0 To 9999. %
Max Ratio
Min Ratio
n-Hg196.tendl
n-Hg196.jeff3.3
Cross Section (barns)
n-Hg196.jeff3.3/n-Hg196.tendl
Ratio
Incident Energy (eV)
49
80-Hg-196