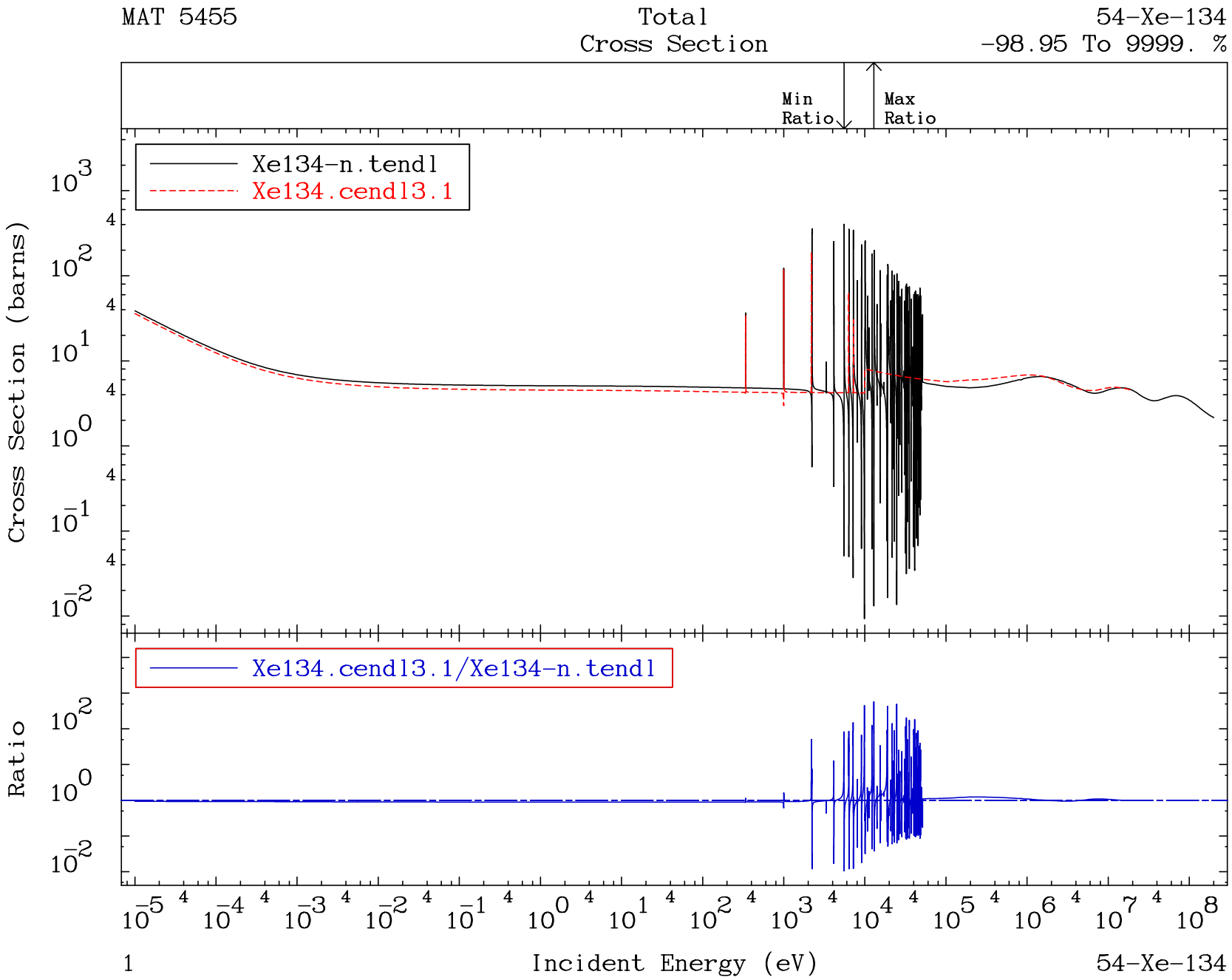
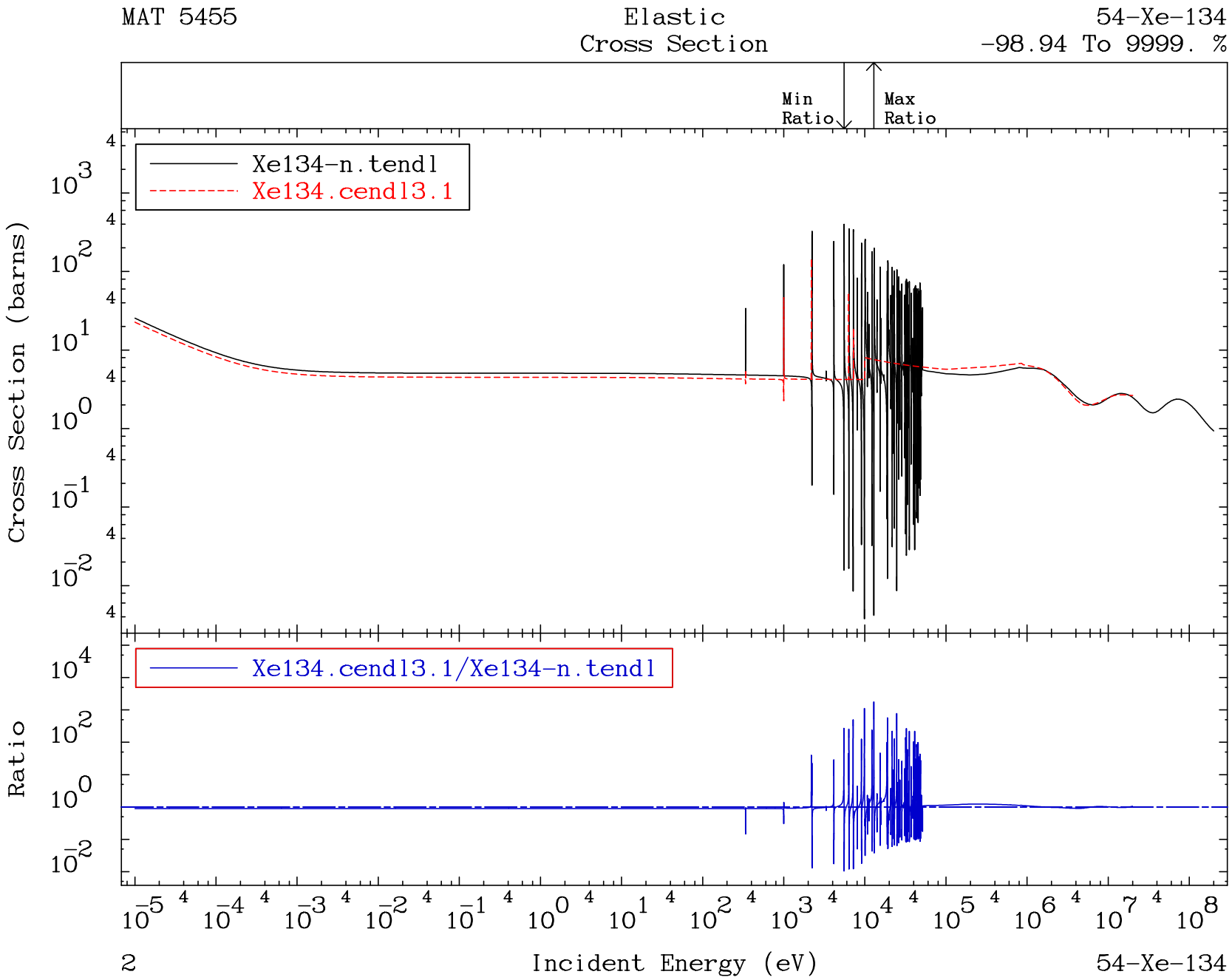
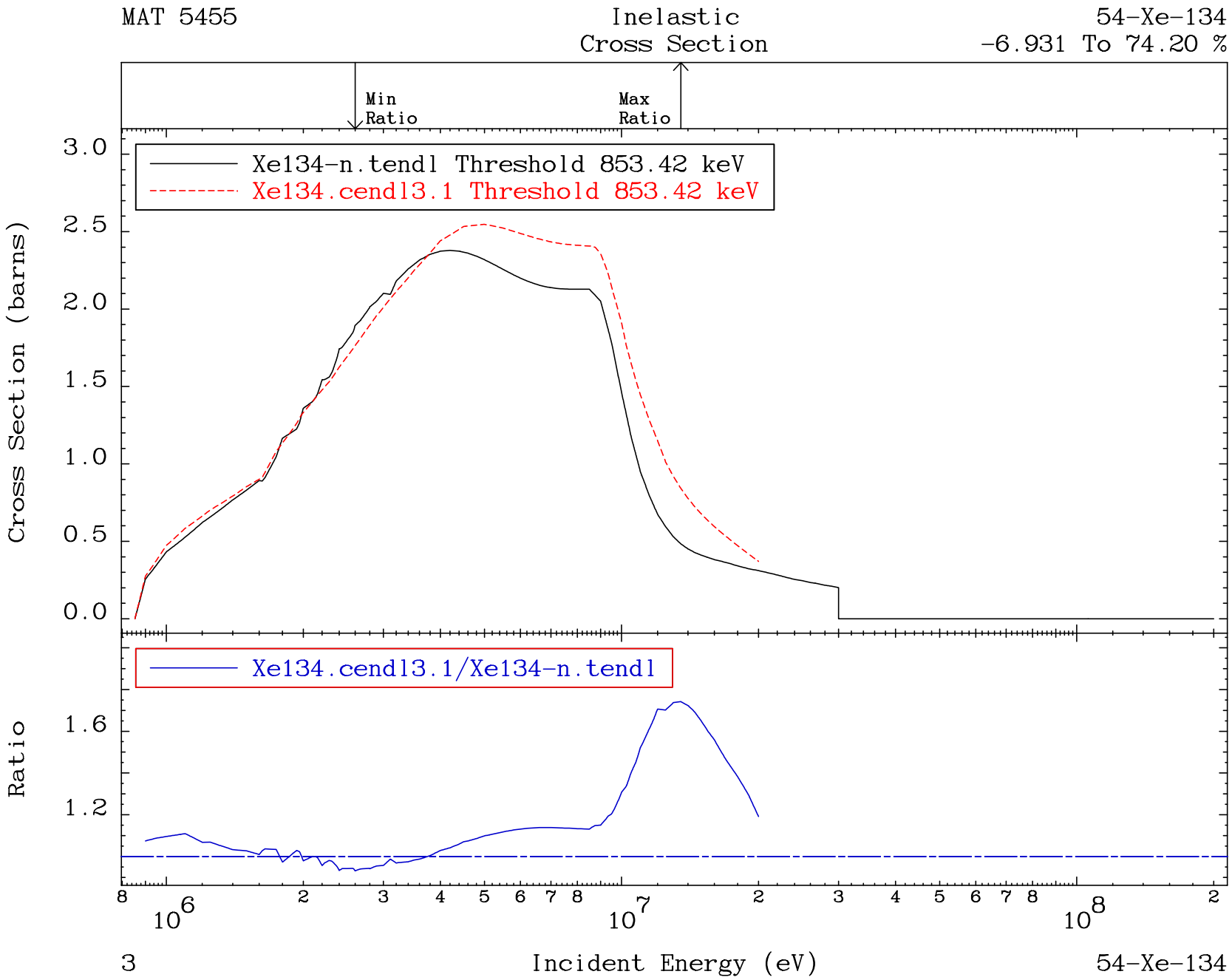
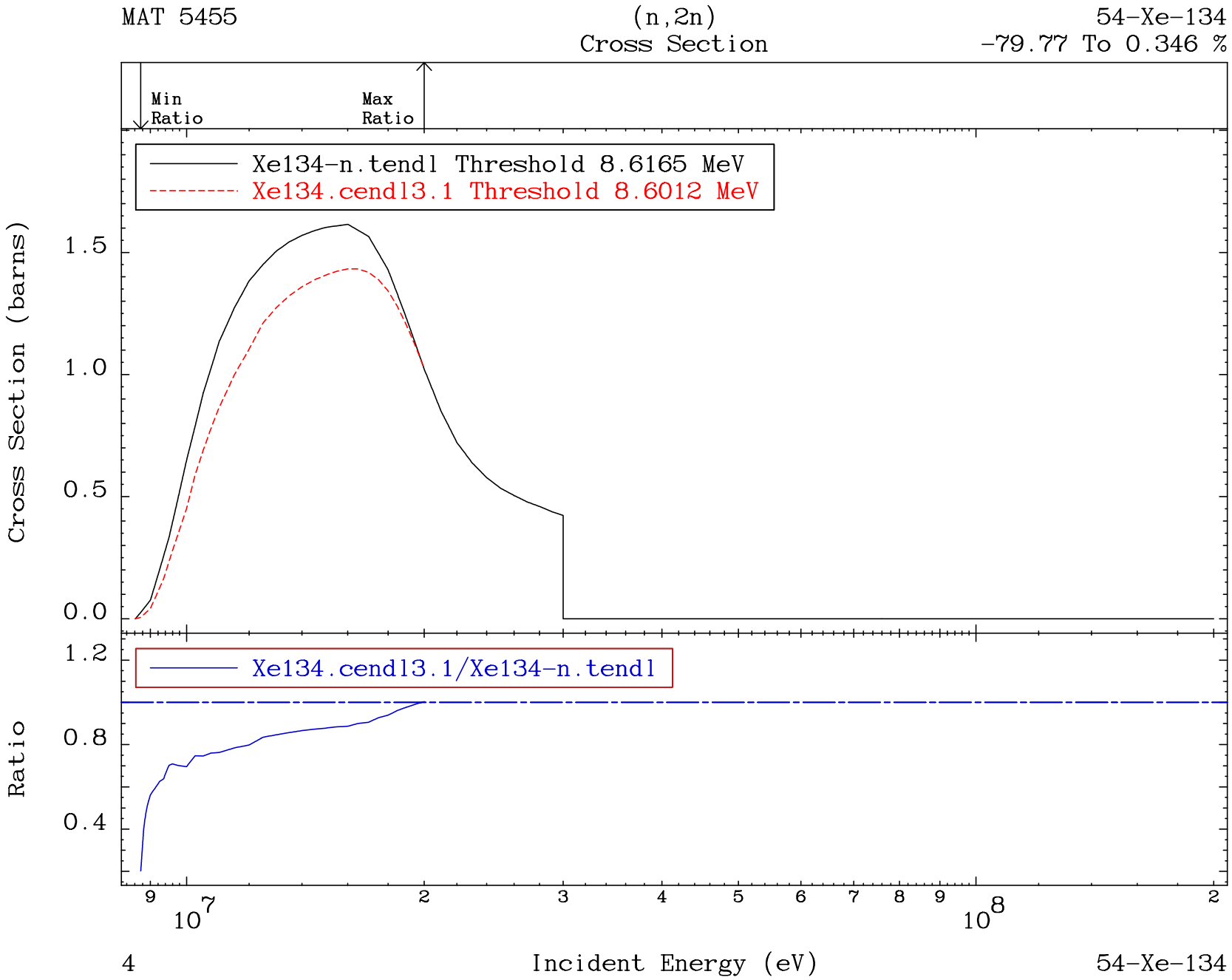
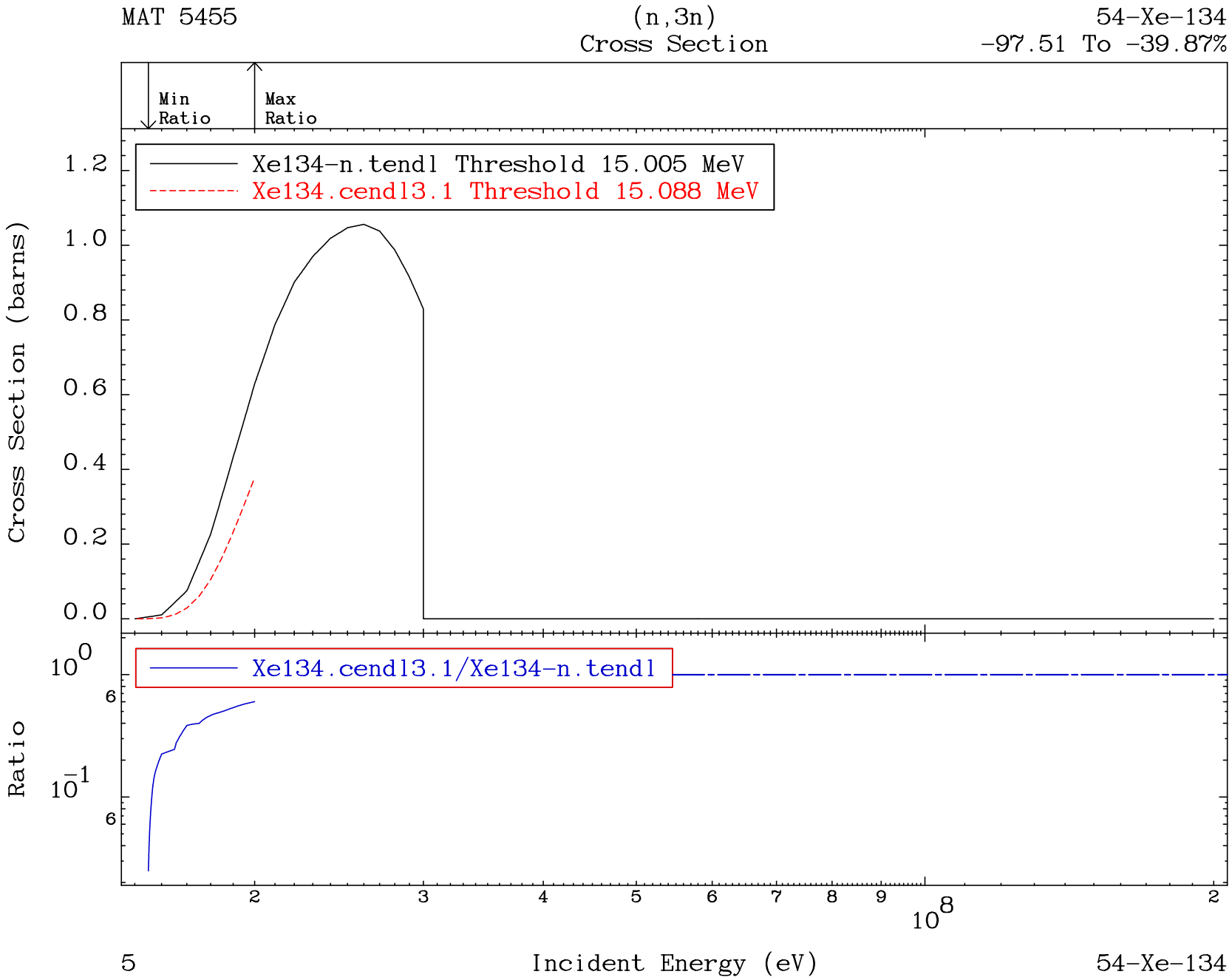
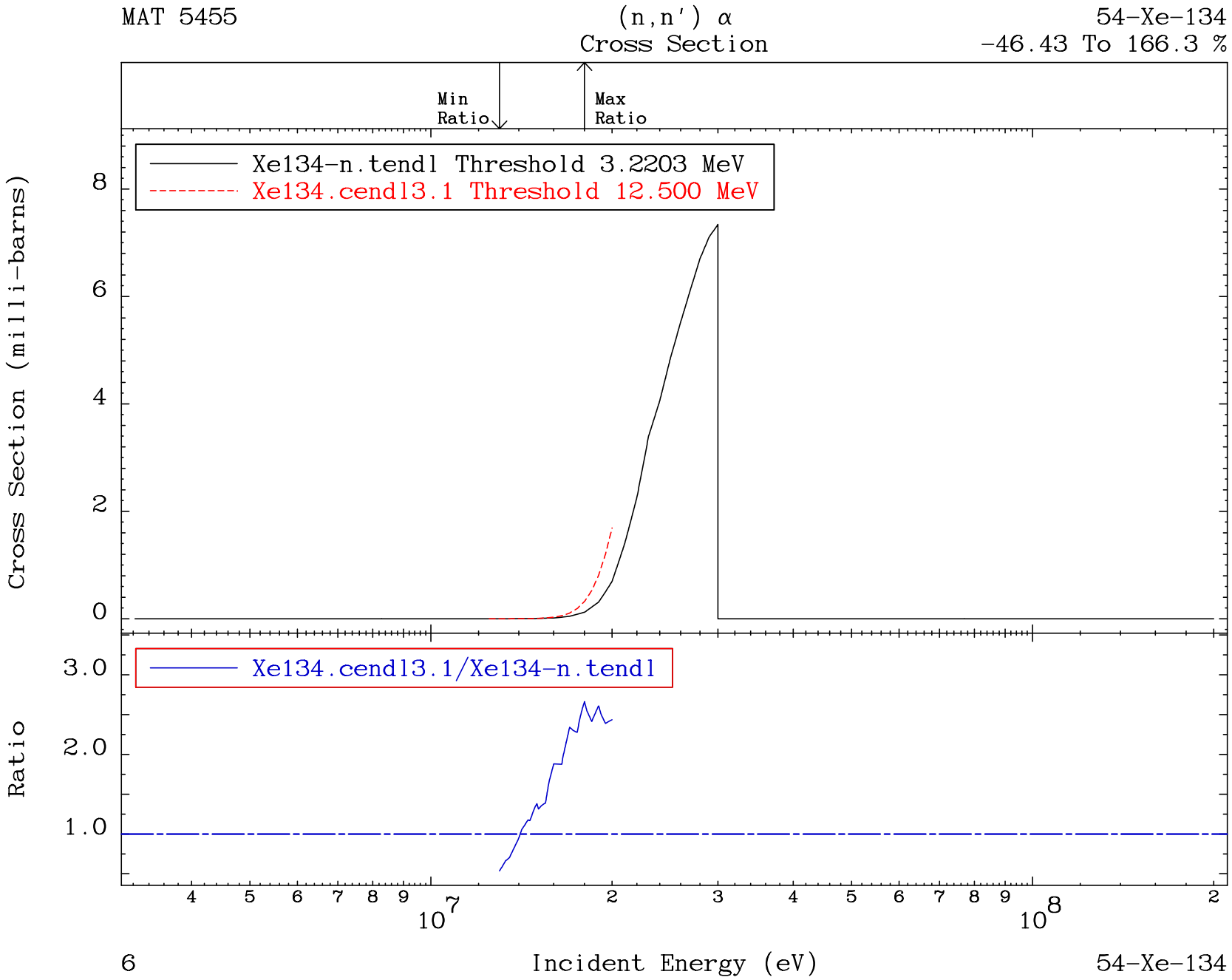

MAT 5455
Total
Cross Section
54-Xe-134
-98.95 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
1
54-Xe-134

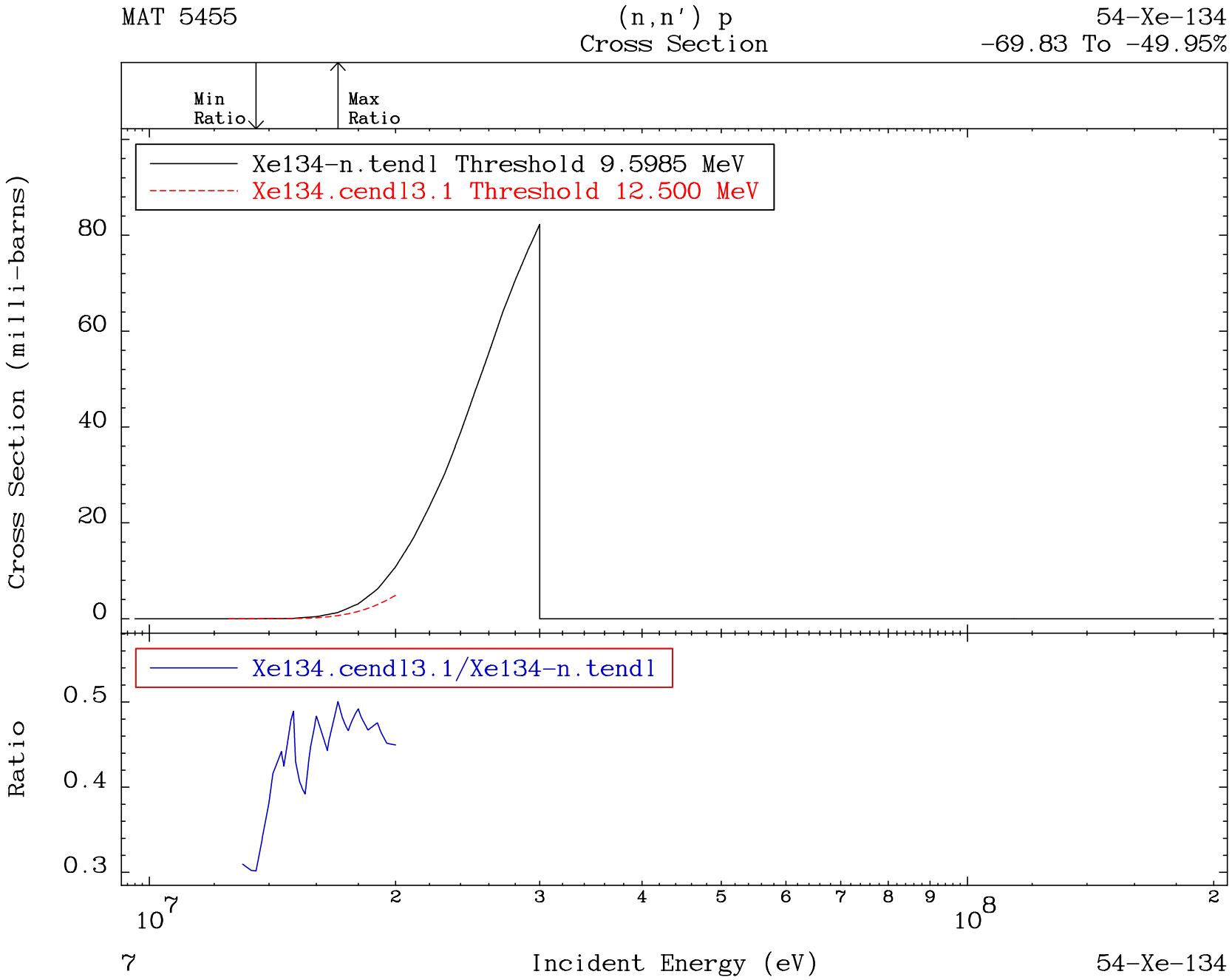

MAT 5455
Elastic
Cross Section
54-Xe-134
-98.94 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
2
54-Xe-134

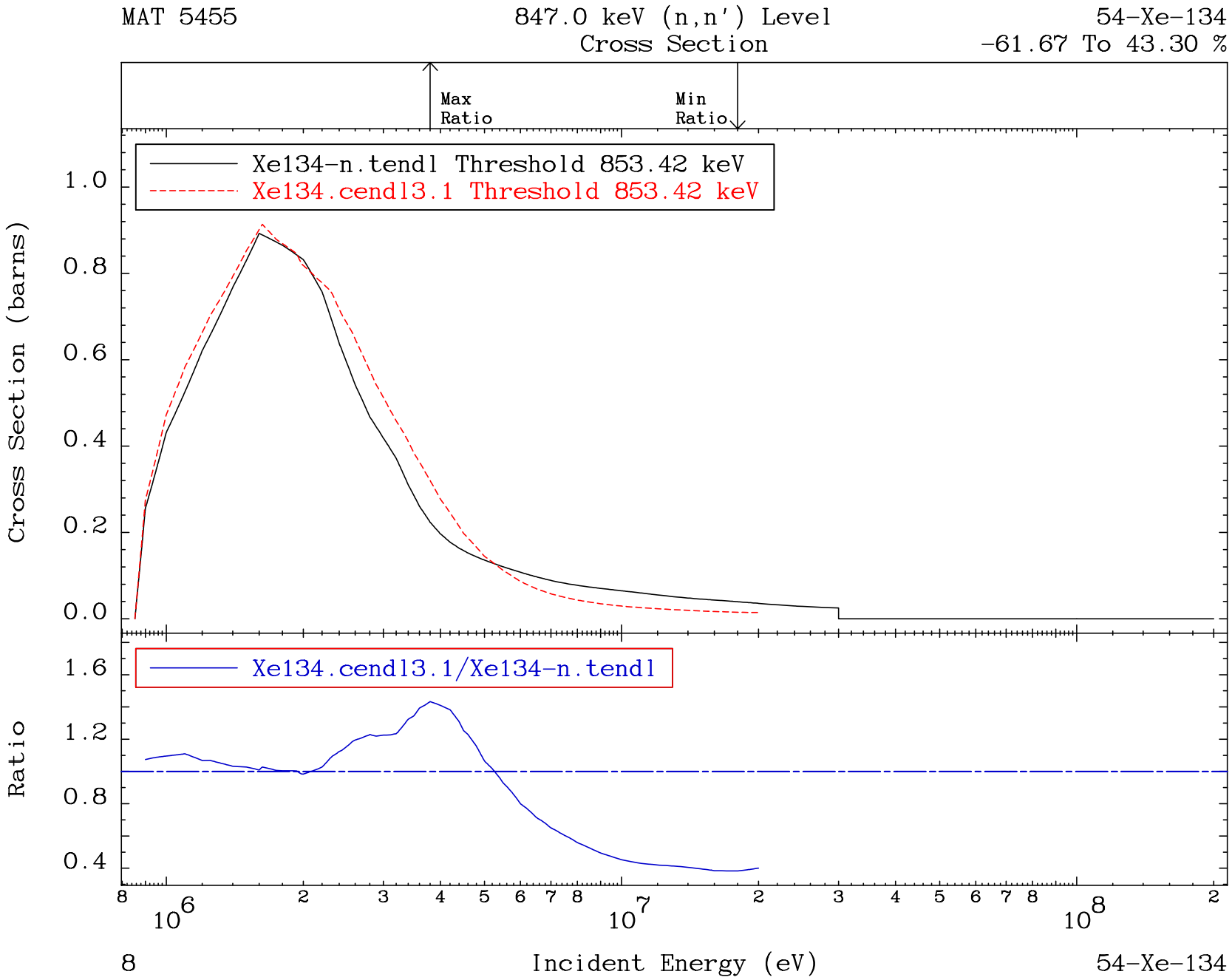

MAT 5455
Inelastic
Cross Section
54-Xe-134
-6.931 To 74.20 %
Min
Ratio
Max
Ratio
Xe134-n.tendl Threshold 853.42 keV
Xe134.cendl3.1 Threshold 853.42 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
1.6
1.2
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
54-Xe-134

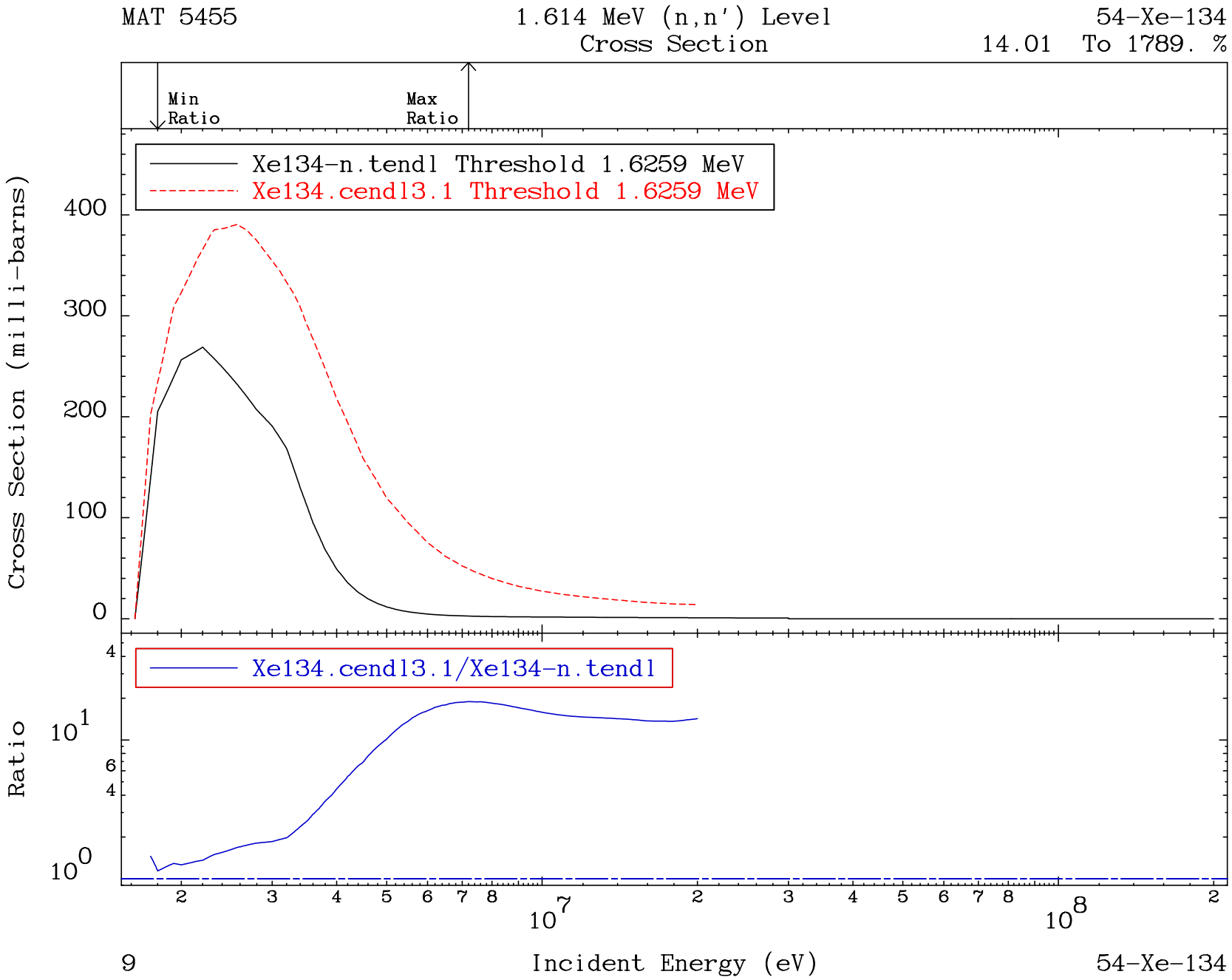

MAT 5455
(n,2n)
Cross Section
54-Xe-134
-79.77 To 0.346 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 8.6165 MeV
Xe134.cendl3.1 Threshold 8.6012 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
1.2
0.8
0.4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
54-Xe-134

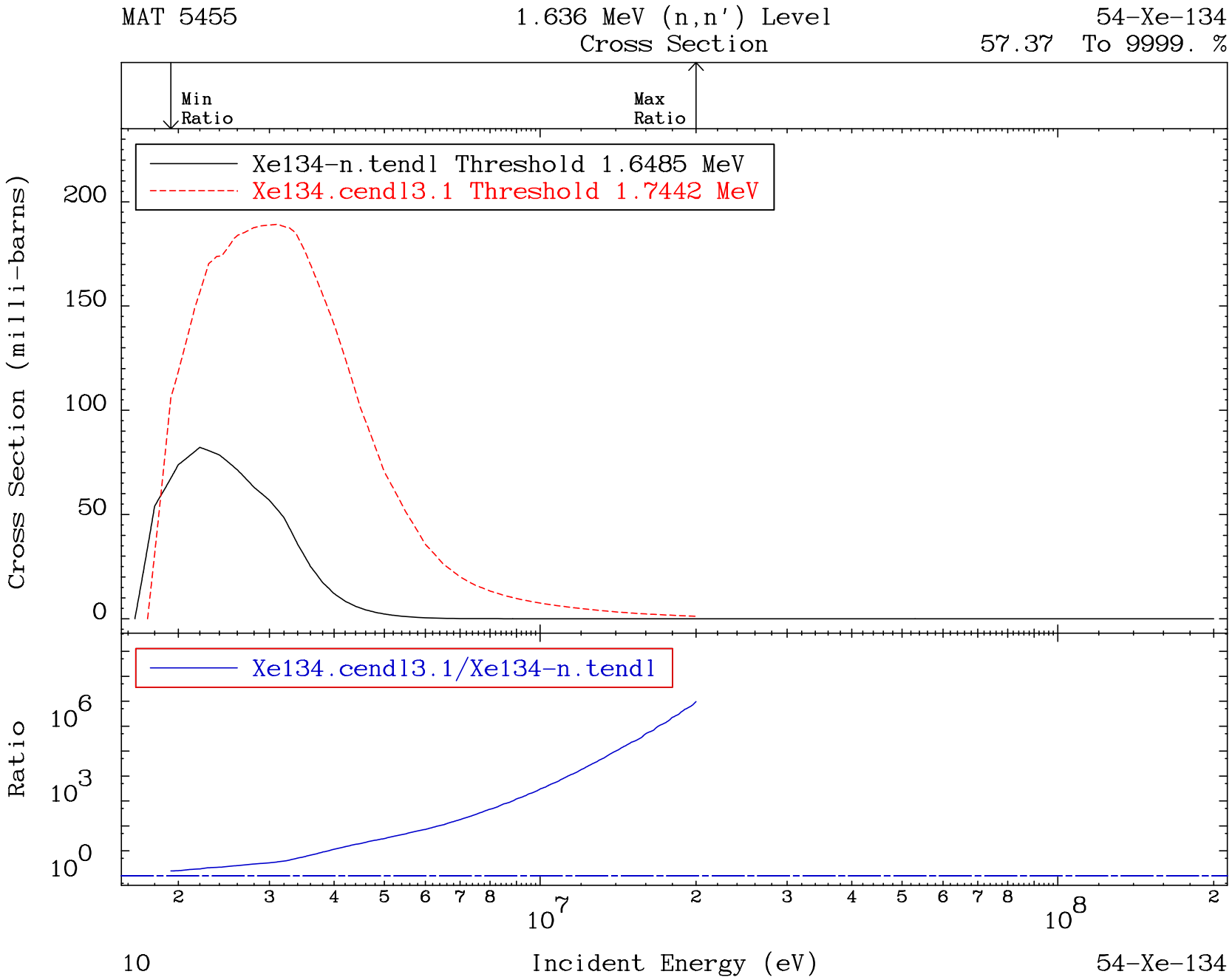

MAT 5455
(n,3n)
Cross Section
54-Xe-134
-97.51 To -39.87%
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 15.005 MeV
Xe134.cendl3.1 Threshold 15.088 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^0
6
10^-1
6
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
54-Xe-134

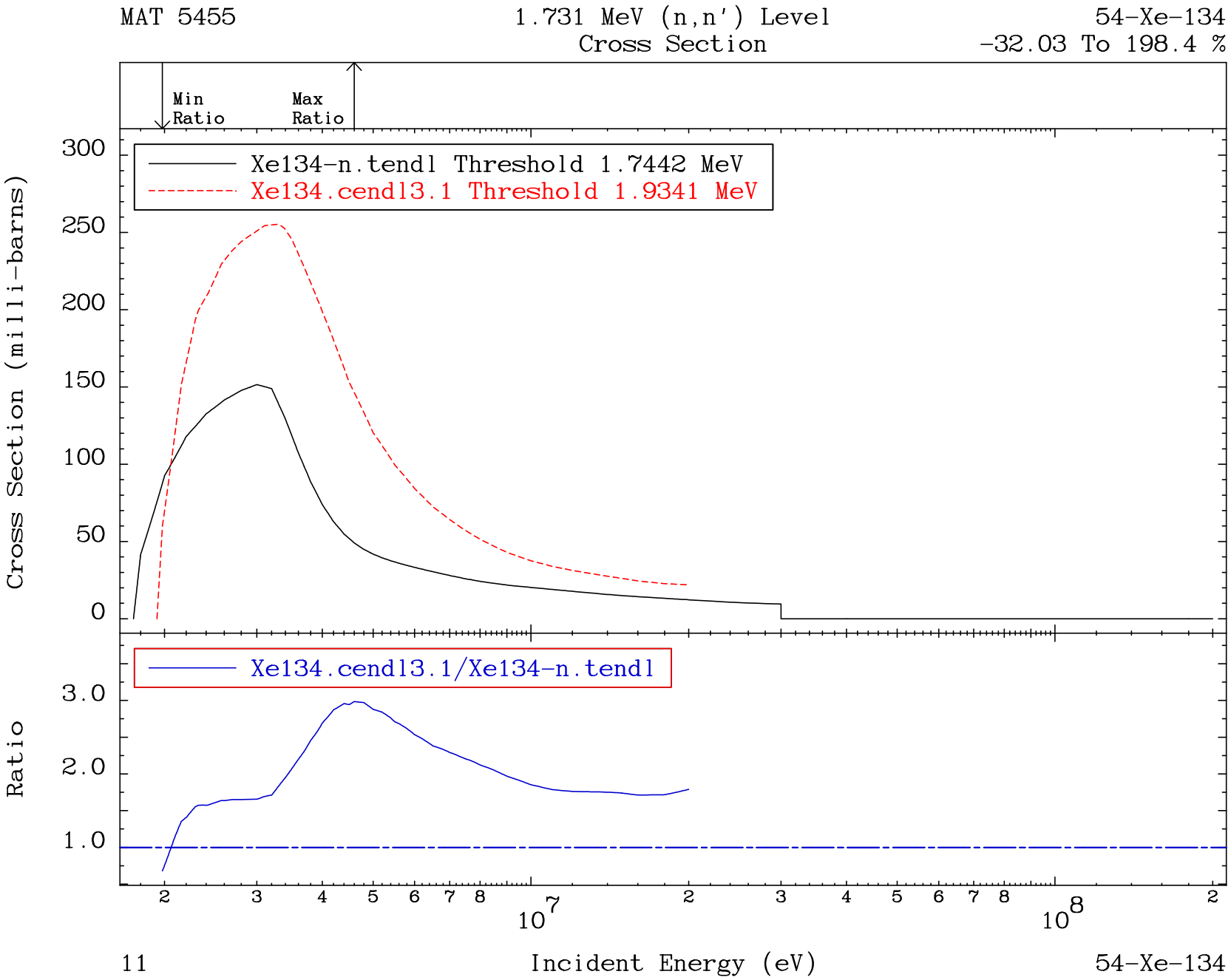

MAT 5455
(n,n') α
Cross Section
54-Xe-134
-46.43 To 166.3 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 3.2203 MeV
Xe134.cendl3.1 Threshold 12.500 MeV
Cross Section (milli-barns)
0
2
4
6
8
Xe134.cendl3.1/Xe134-n.tendl
Ratio
1.0
2.0
3.0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
6
54-Xe-134

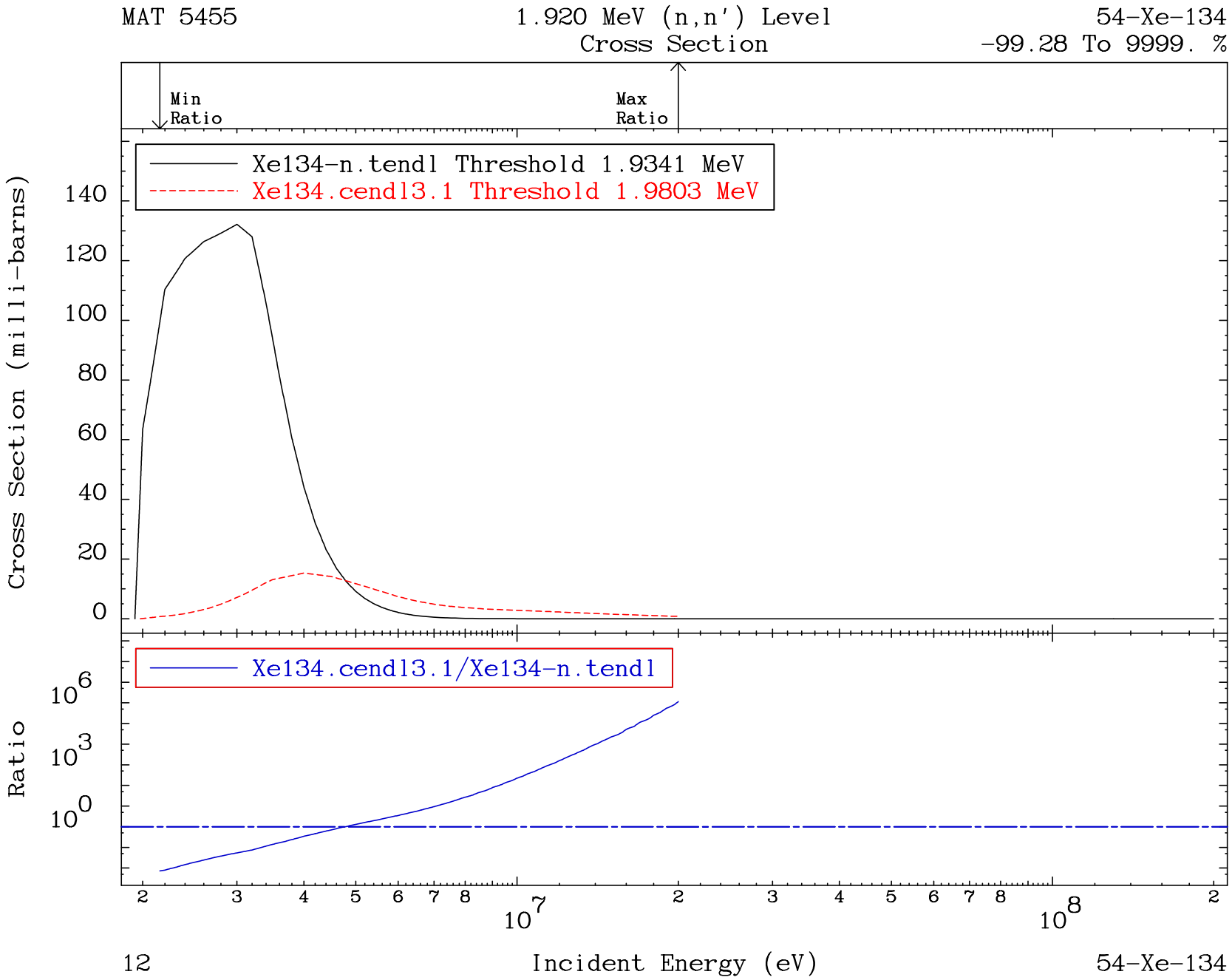

MAT 5455
(n,n') p
Cross Section
54-Xe-134
-69.83 To -49.95%
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 9.5985 MeV
Xe134.cendl3.1 Threshold 12.500 MeV
Cross Section (milli-barns)
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
0.5
0.4
0.3
10^7
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
54-Xe-134

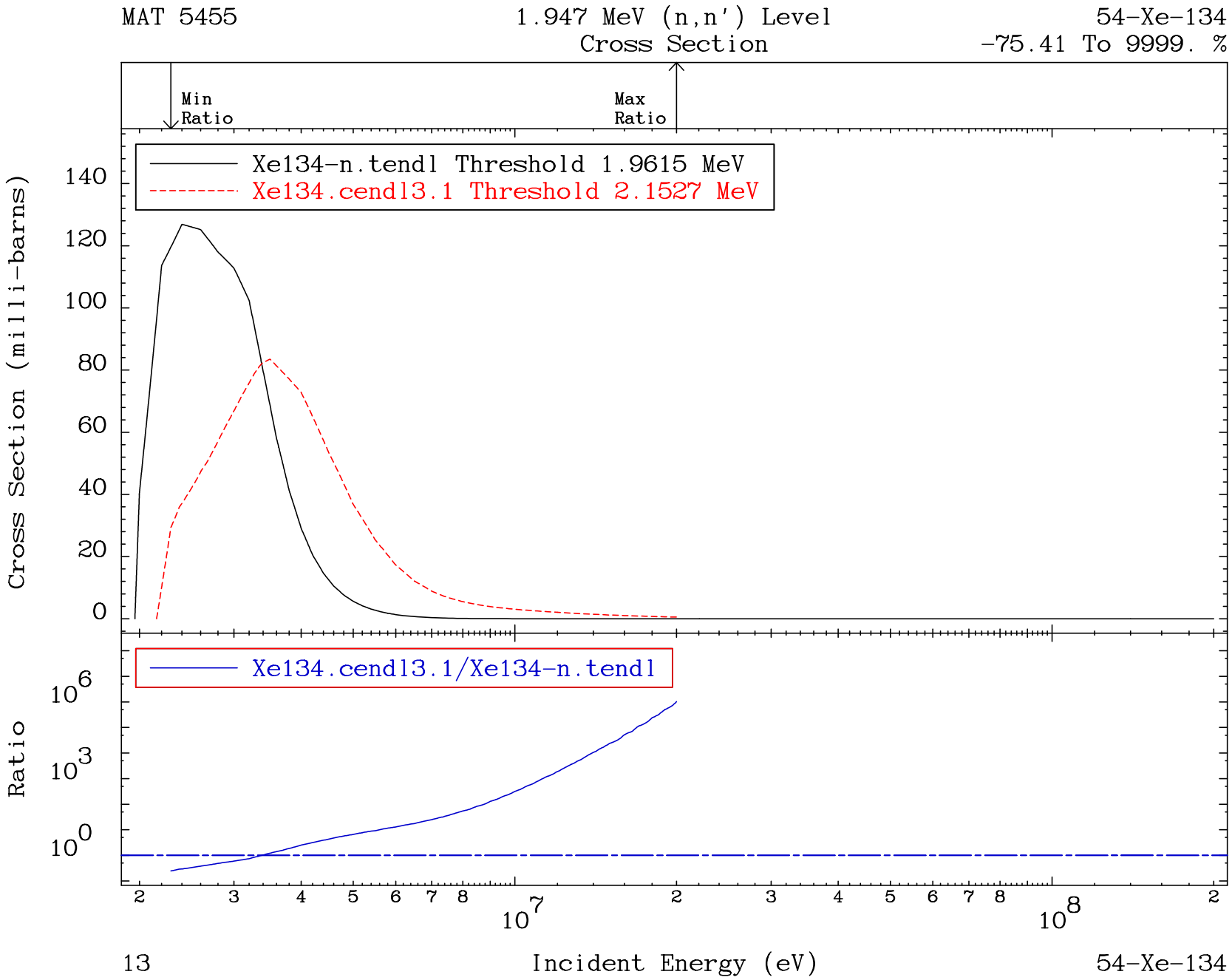

MAT 5455
847.0 keV (n,n') Level
Cross Section
54-Xe-134
-61.67 To 43.30 %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 853.42 keV
Xe134.cendl3.1 Threshold 853.42 keV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
1.6
1.2
0.8
0.4
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
8
Incident Energy (eV)
54-Xe-134

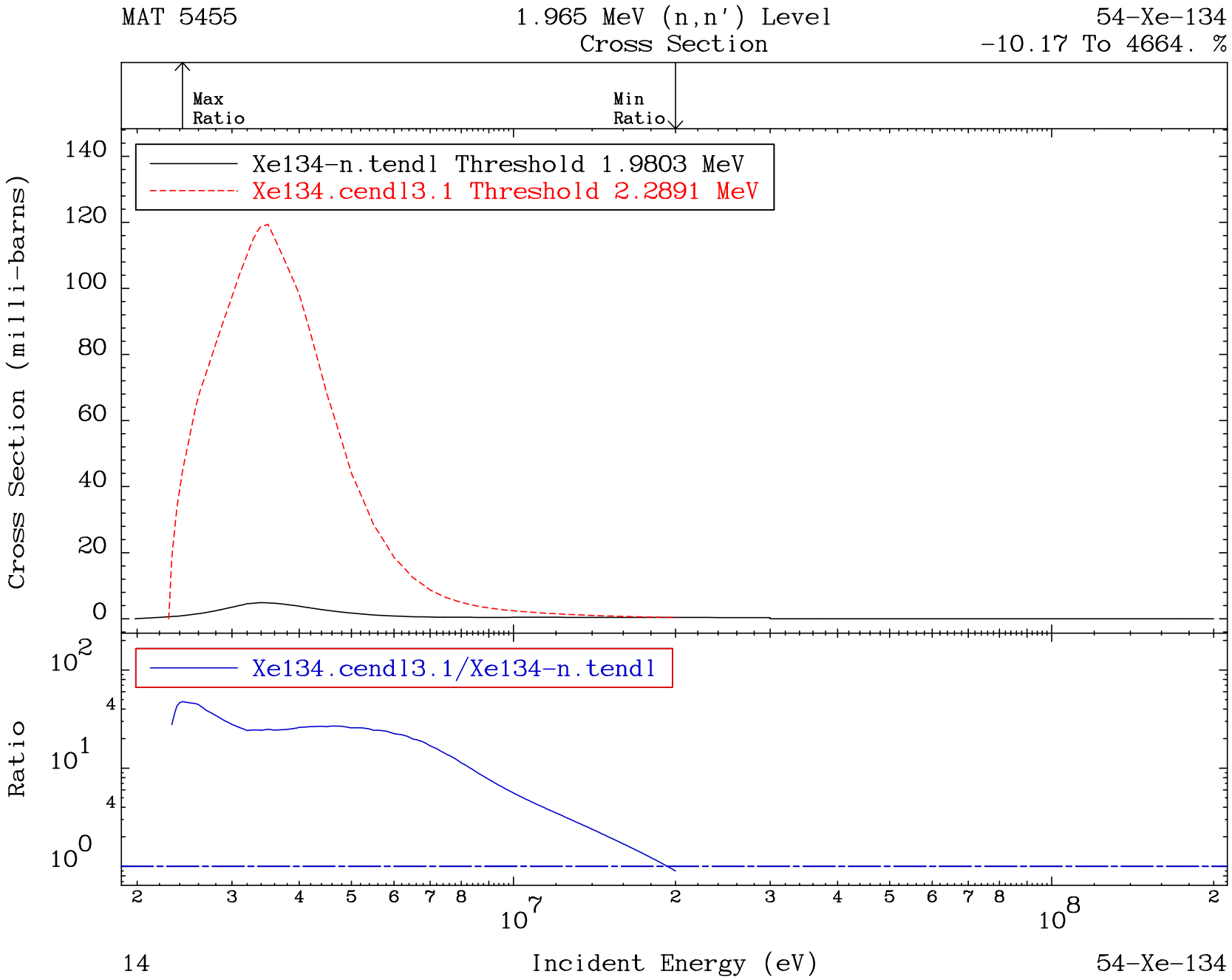

MAT 5455
1.614 MeV (n,n') Level
Cross Section
54-Xe-134
14.01 To 1789. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 1.6259 MeV
Xe134.cendl3.1 Threshold 1.6259 MeV
Cross Section (milli-barns)
400
300
200
100
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
4
10^1
6
4
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
9
Incident Energy (eV)
54-Xe-134

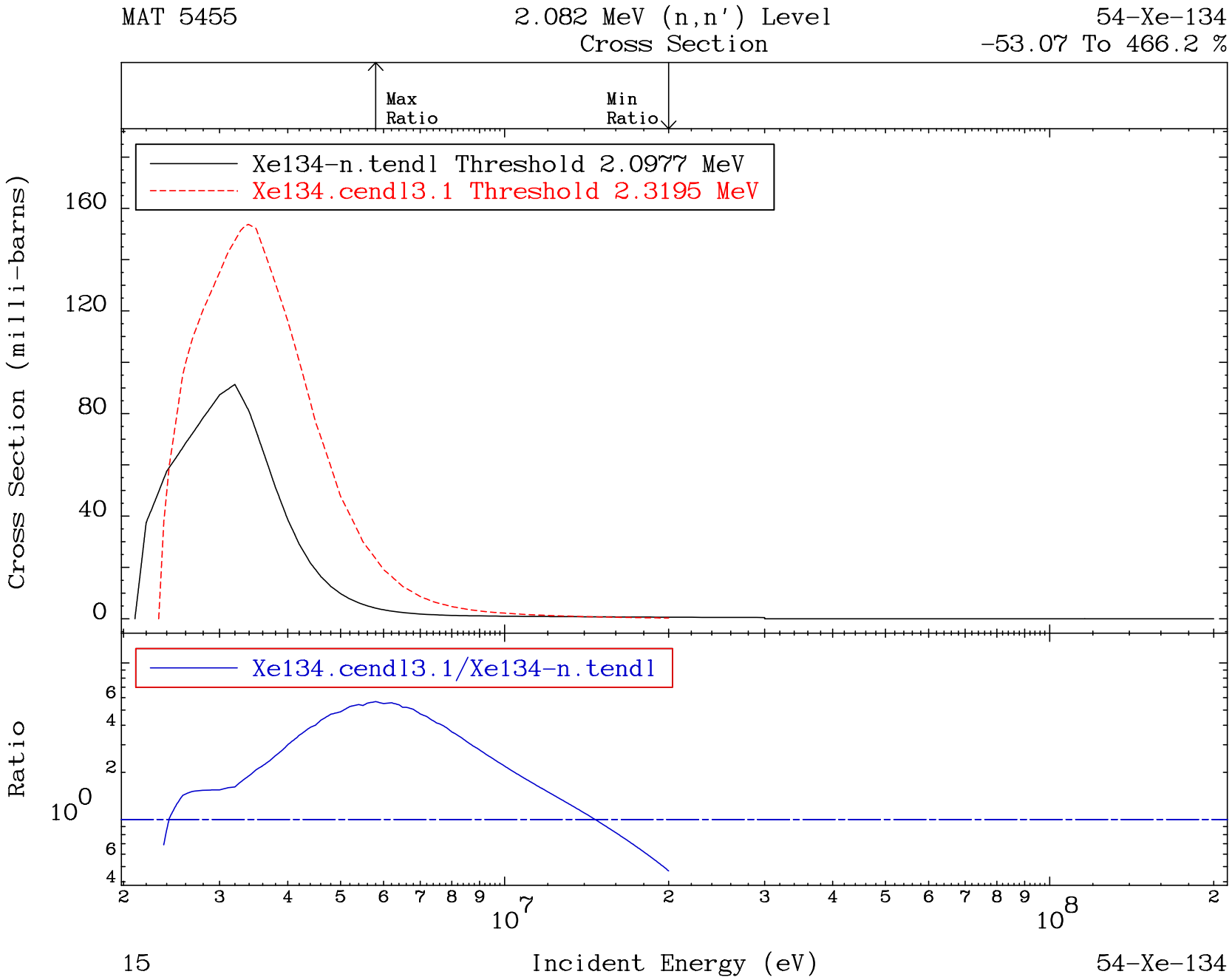

MAT 5455
1.636 MeV (n,n') Level
Cross Section
54-Xe-134
57.37 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 1.6485 MeV
Xe134.cendl3.1 Threshold 1.7442 MeV
Cross Section (milli-barns)
200
150
100
50
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^3
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
10
Incident Energy (eV)
54-Xe-134

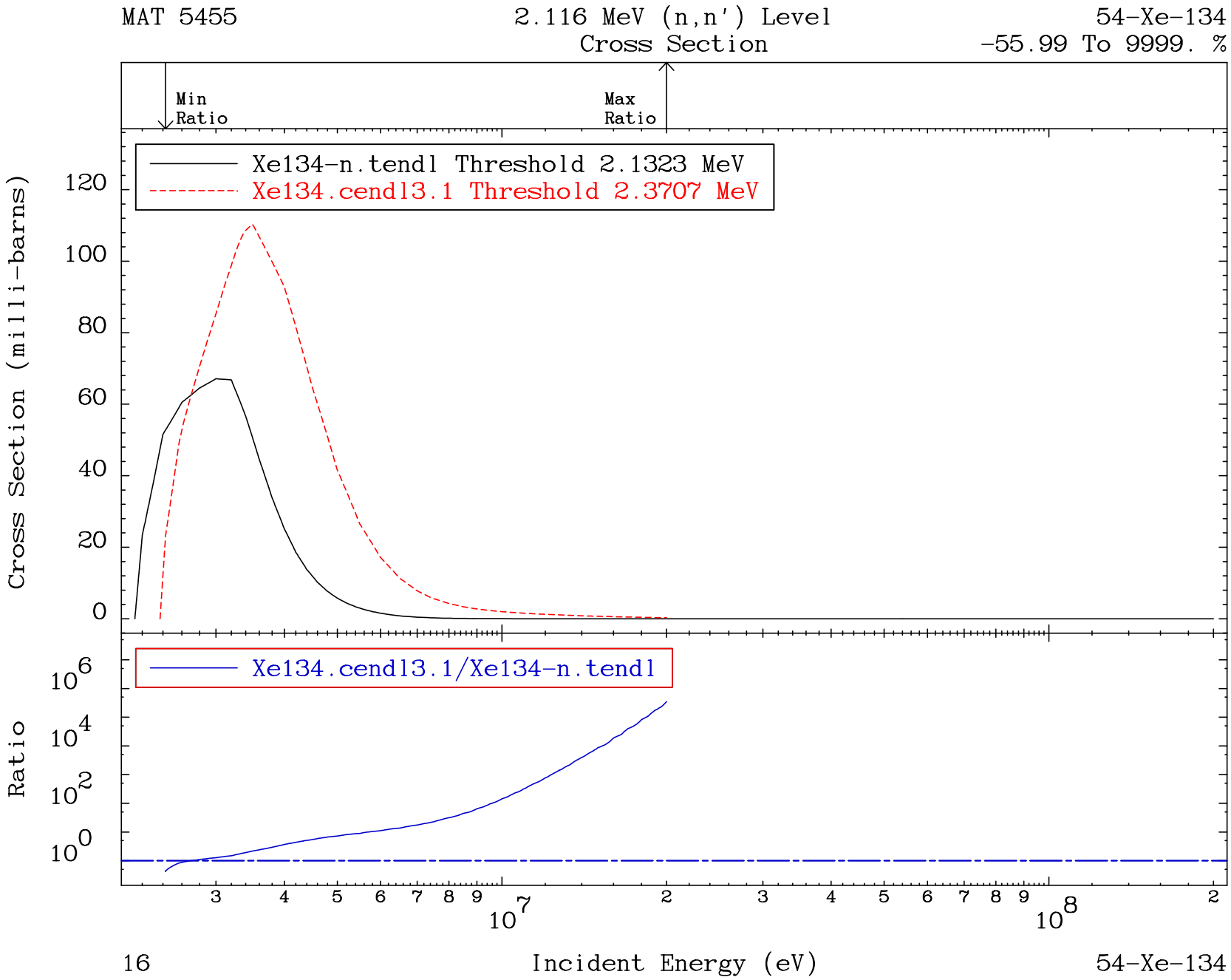

MAT 5455
1.731 MeV (n,n') Level
Cross Section
54-Xe-134
-32.03 To 198.4 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 1.7442 MeV
Xe134.cendl3.1 Threshold 1.9341 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
3.0
2.0
1.0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
11
Incident Energy (eV)
54-Xe-134

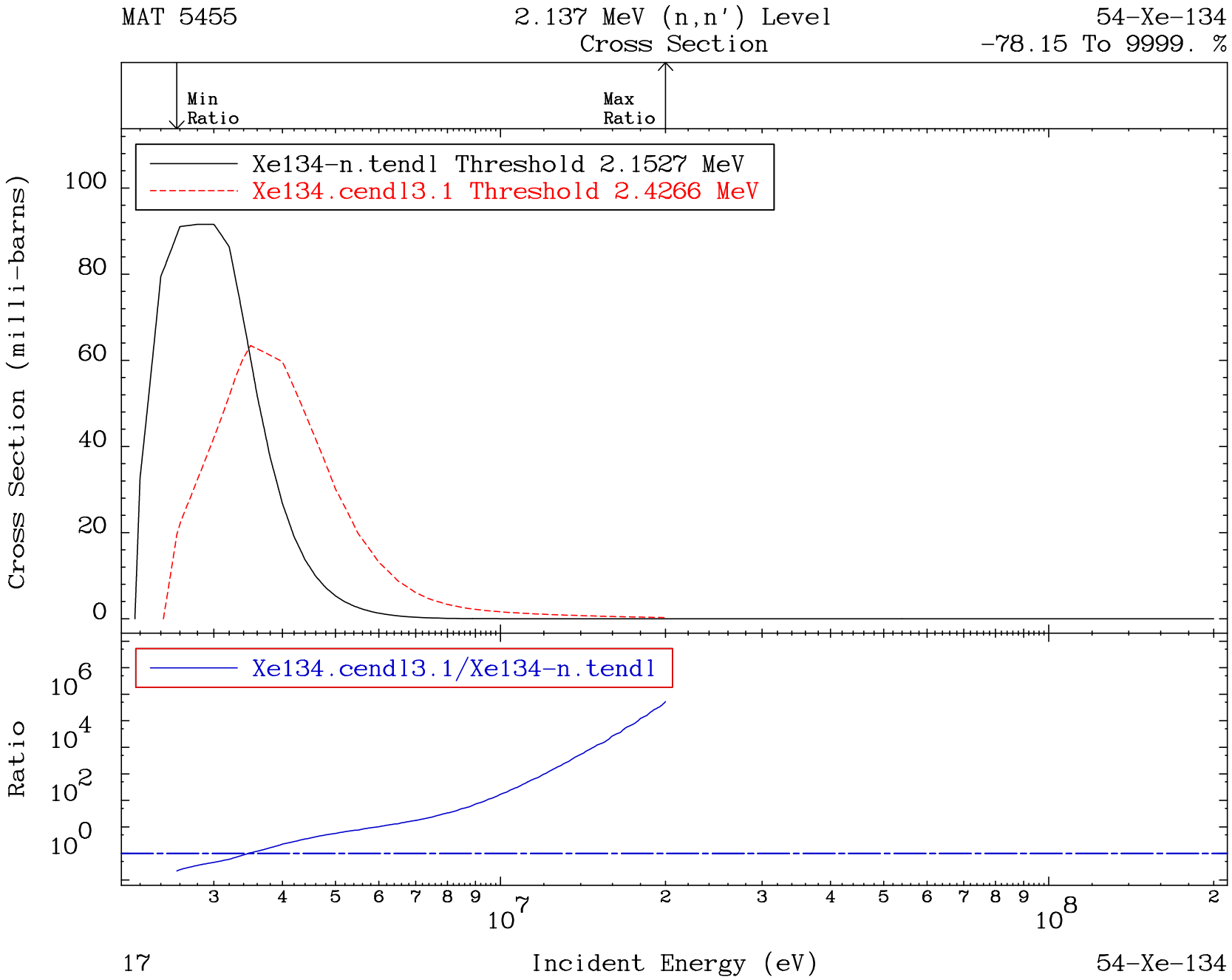

MAT 5455
1.920 MeV (n,n') Level
Cross Section
54-Xe-134
-99.28 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 1.9341 MeV
Xe134.cendl3.1 Threshold 1.9803 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^3
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
12
Incident Energy (eV)
54-Xe-134

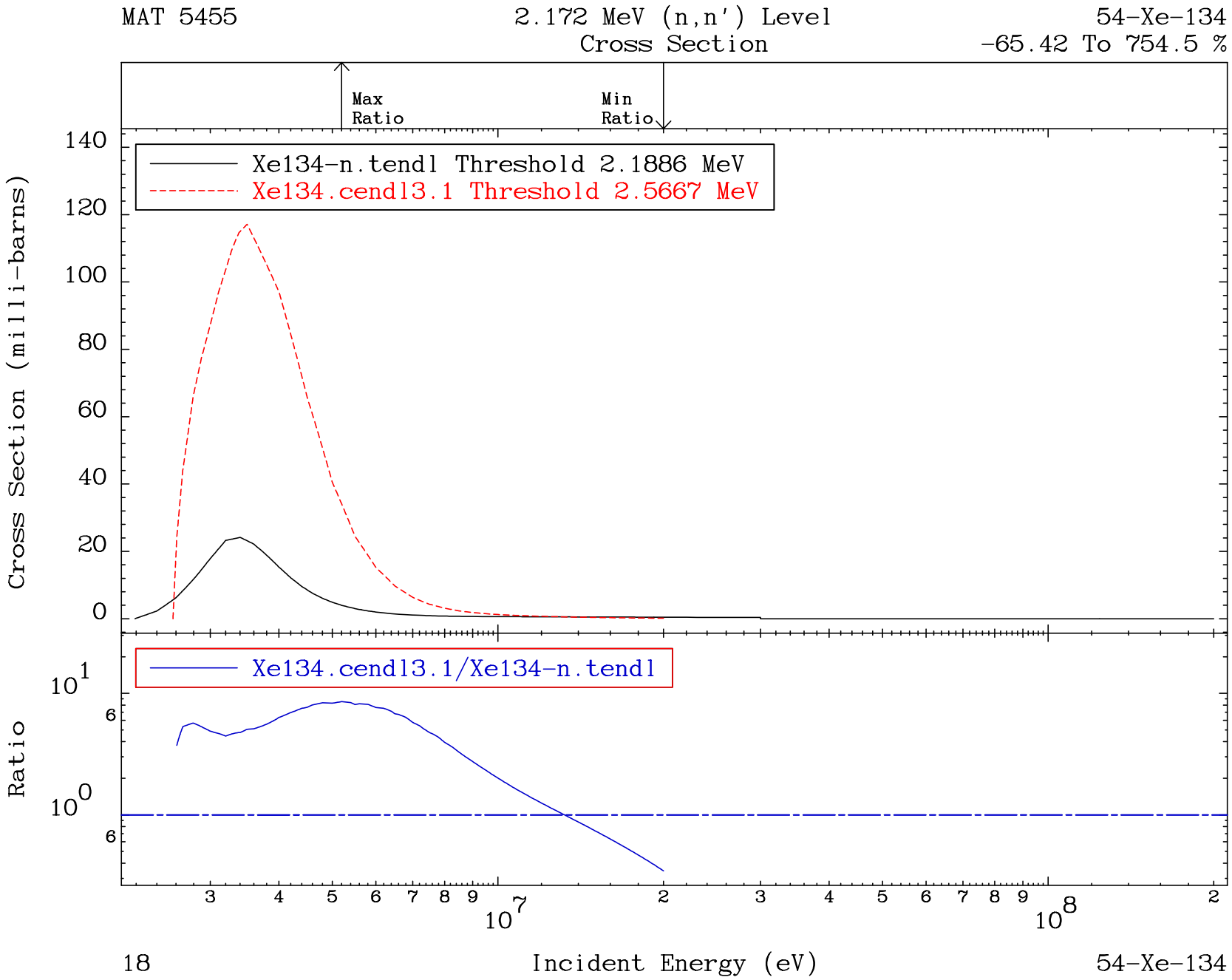

MAT 5455
1.947 MeV (n,n') Level
Cross Section
54-Xe-134
-75.41 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 1.9615 MeV
Xe134.cendl3.1 Threshold 2.1527 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^3
10^0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
13
Incident Energy (eV)
54-Xe-134

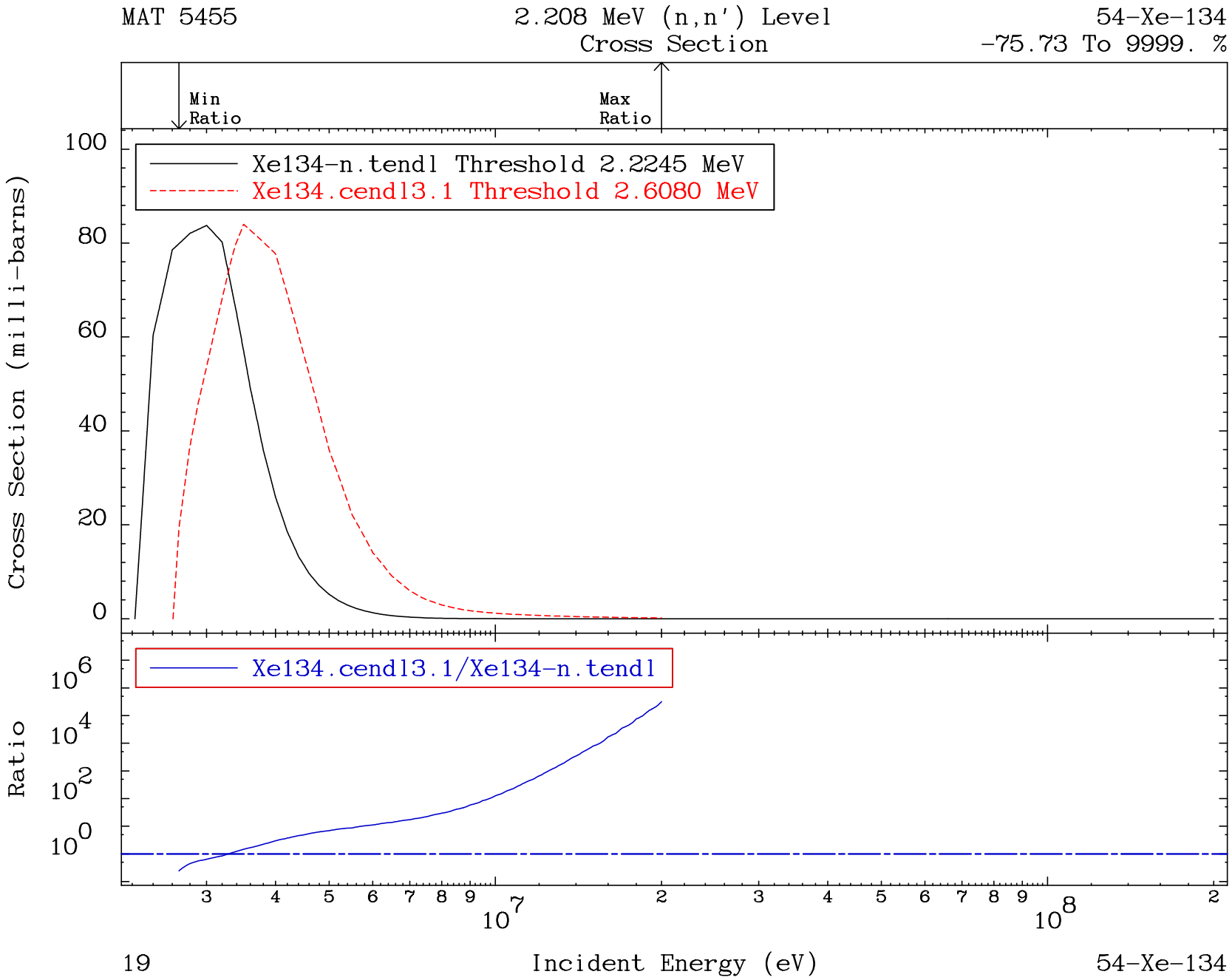

MAT 5455
1.965 MeV (n,n') Level
Cross Section
54-Xe-134
-10.17 To 4664. %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 1.9803 MeV
Xe134.cendl3.1 Threshold 2.2891 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^2
4
10^1
4
10^0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
14
Incident Energy (eV)
54-Xe-134

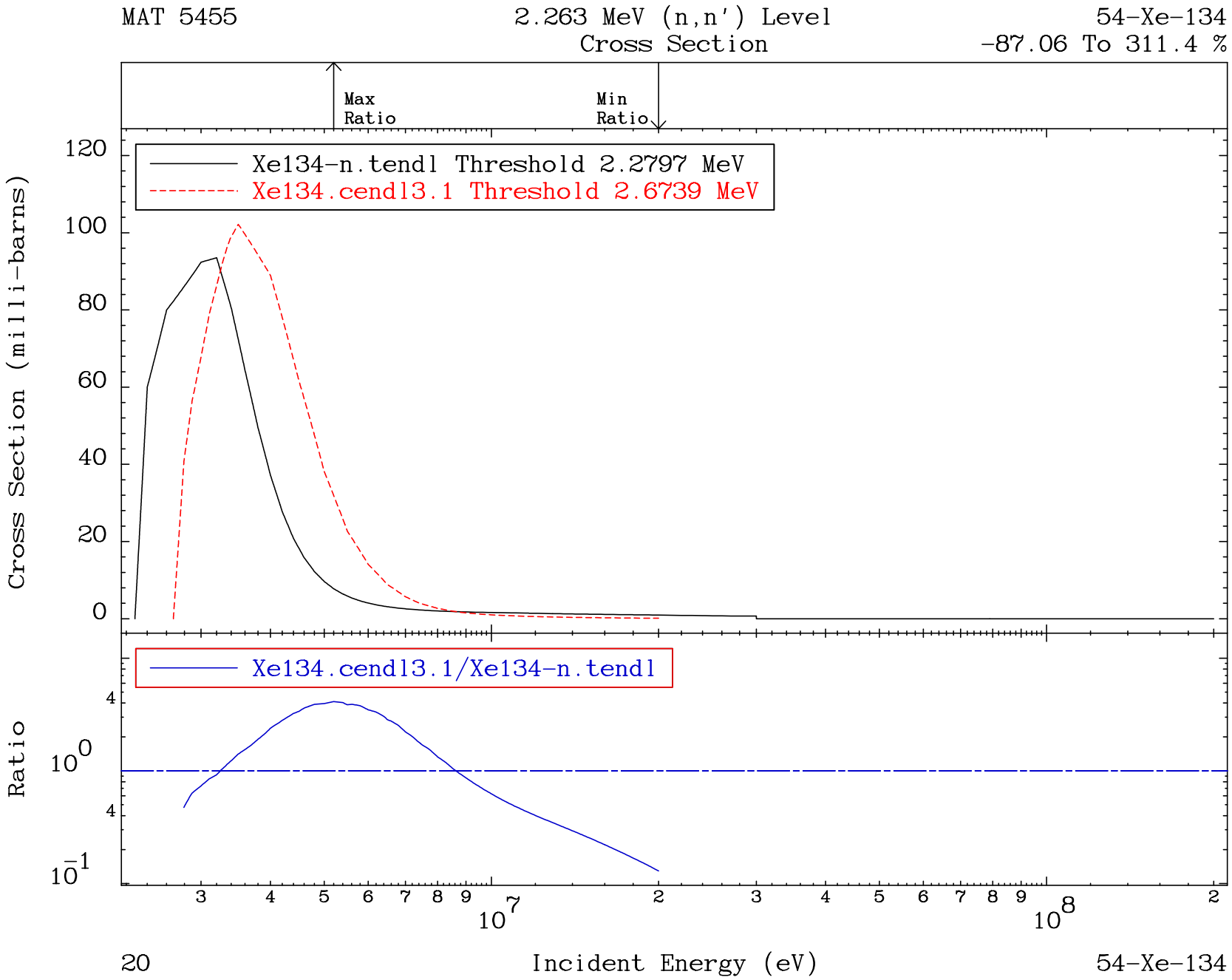

MAT 5455
2.082 MeV (n,n') Level
Cross Section
54-Xe-134
-53.07 To 466.2 %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 2.0977 MeV
Xe134.cendl3.1 Threshold 2.3195 MeV
Cross Section (milli-barns)
160
120
80
40
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^0
6
4
2
6
4
2
3
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
15
Incident Energy (eV)
54-Xe-134

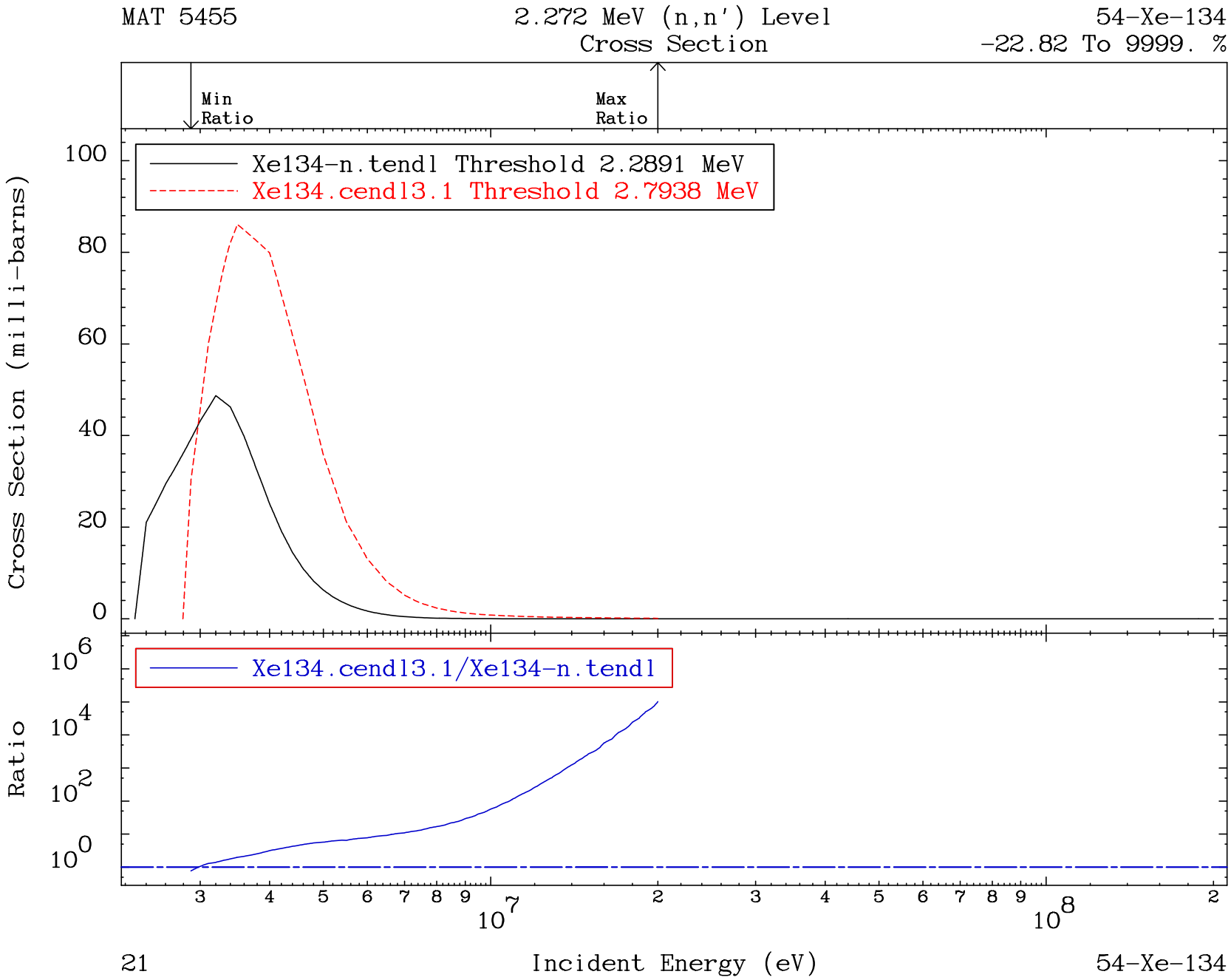

MAT 5455
2.116 MeV (n,n') Level
Cross Section
54-Xe-134
-55.99 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.1323 MeV
Xe134.cendl3.1 Threshold 2.3707 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
16
Incident Energy (eV)
54-Xe-134

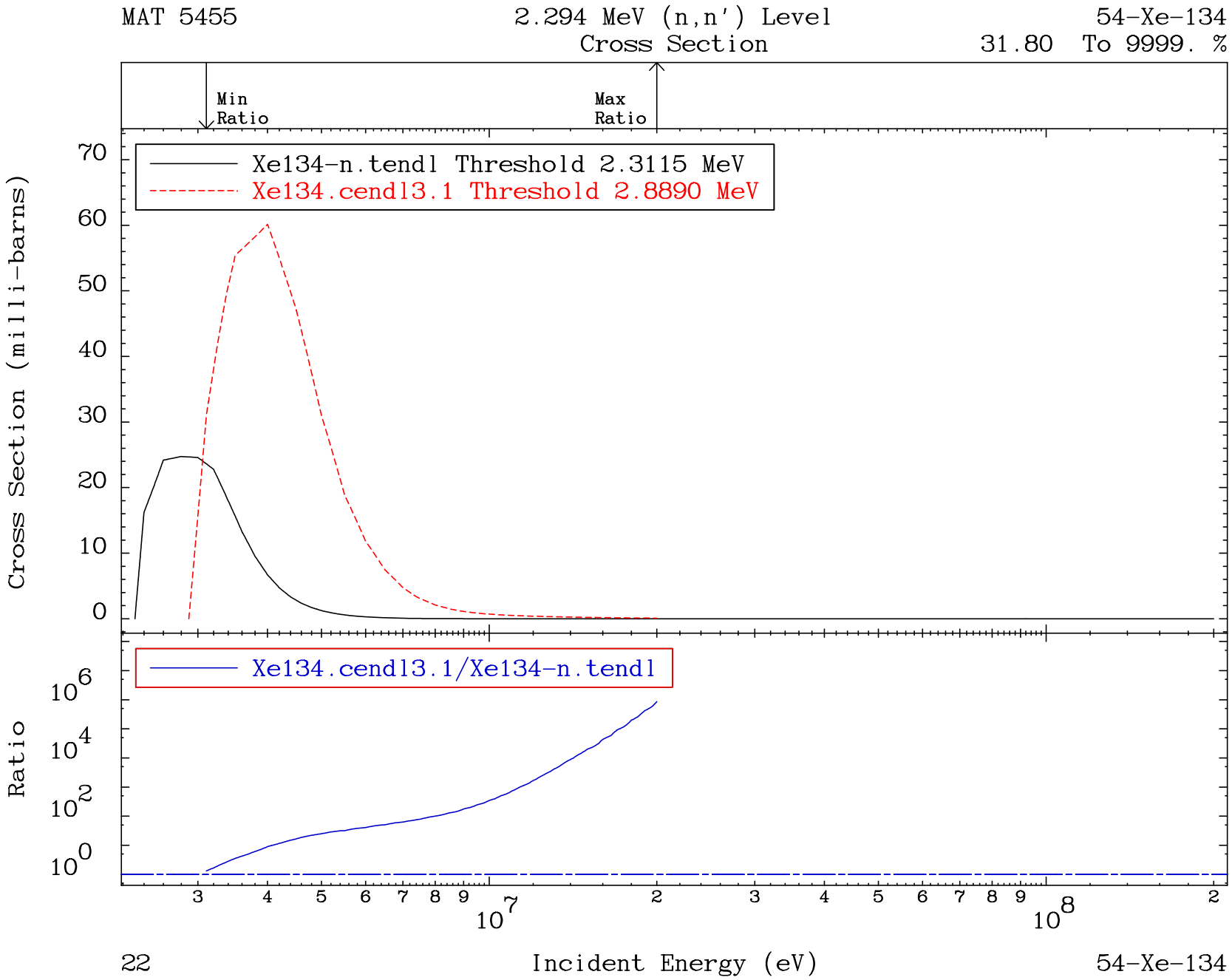

MAT 5455
2.137 MeV (n,n') Level
Cross Section
54-Xe-134
-78.15 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.1527 MeV
Xe134.cendl3.1 Threshold 2.4266 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
17
Incident Energy (eV)
54-Xe-134

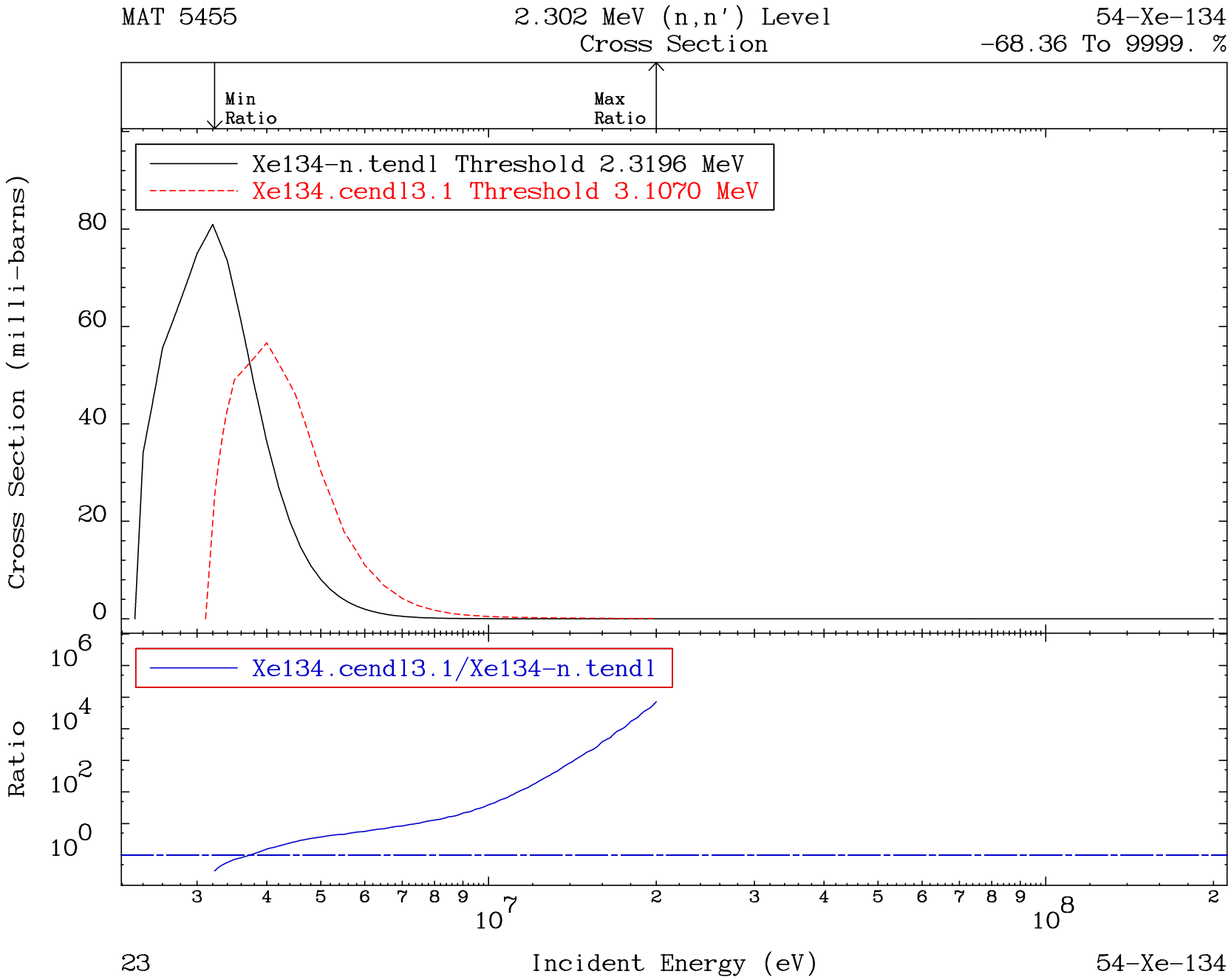

MAT 5455
2.172 MeV (n,n') Level
Cross Section
54-Xe-134
-65.42 To 754.5 %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 2.1886 MeV
Xe134.cendl3.1 Threshold 2.5667 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^1
6
10^0
6
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
18
Incident Energy (eV)
54-Xe-134

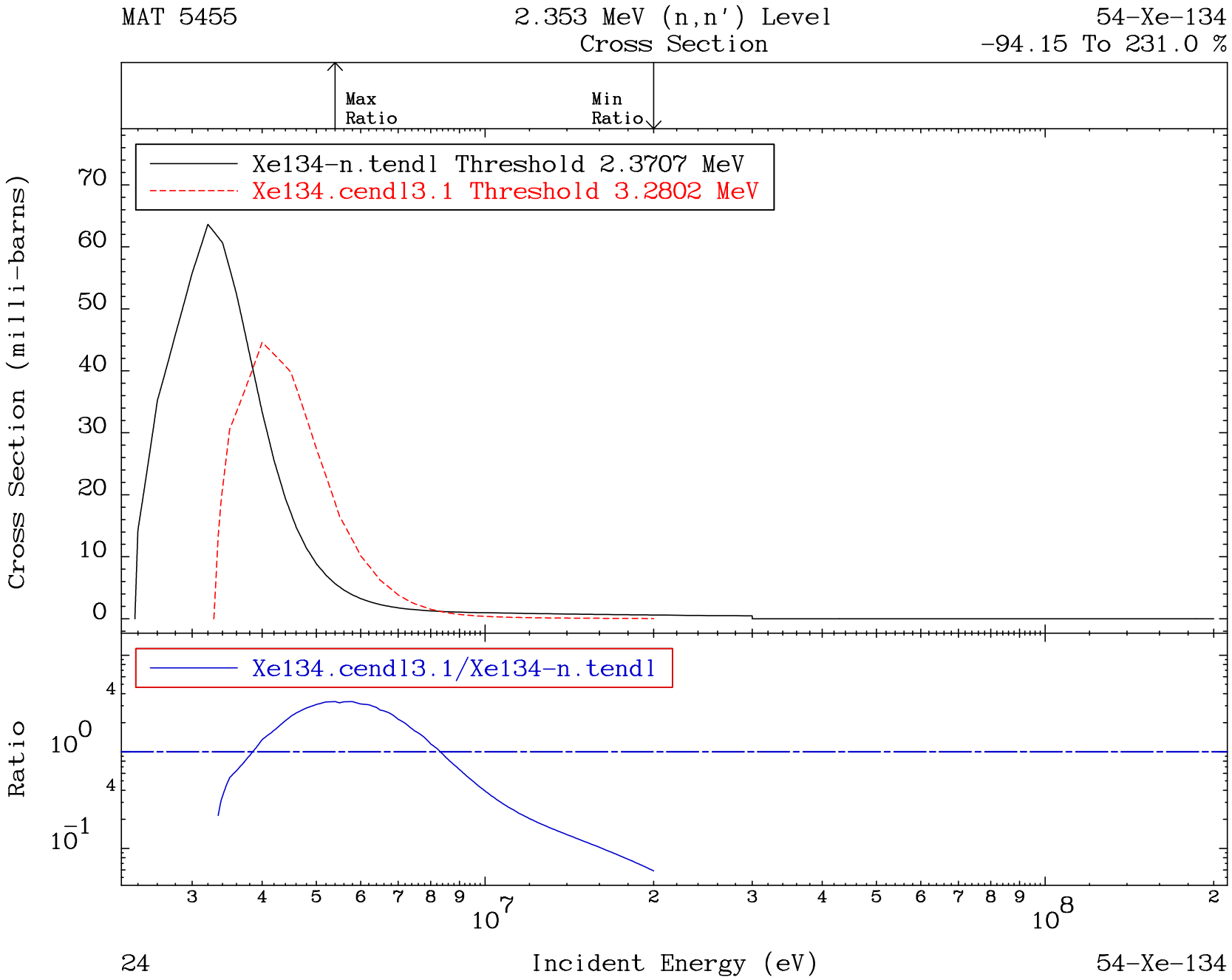

MAT 5455
2.208 MeV (n,n') Level
Cross Section
54-Xe-134
-75.73 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.2245 MeV
Xe134.cendl3.1 Threshold 2.6080 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
54-Xe-134

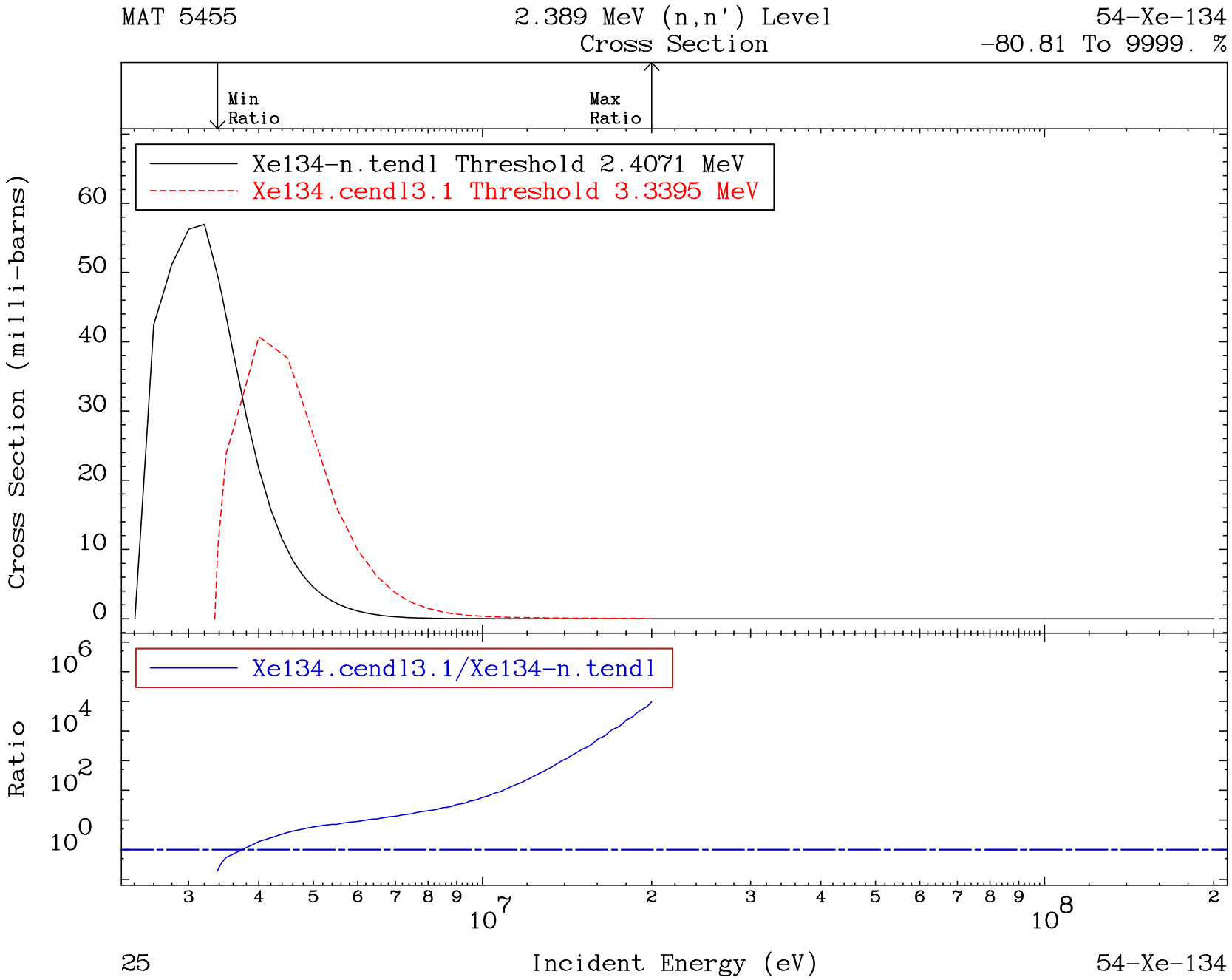

MAT 5455
2.263 MeV (n,n') Level
Cross Section
54-Xe-134
-87.06 To 311.4 %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 2.2797 MeV
Xe134.cendl3.1 Threshold 2.6739 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
4
$10^{0}$
4
$10^{-1}$
3 4 5 6 7 8 9 $10^{7}$ 2 3 4 5 6 7 8 9 $10^{8}$ 2
20
Incident Energy (eV)
54-Xe-134

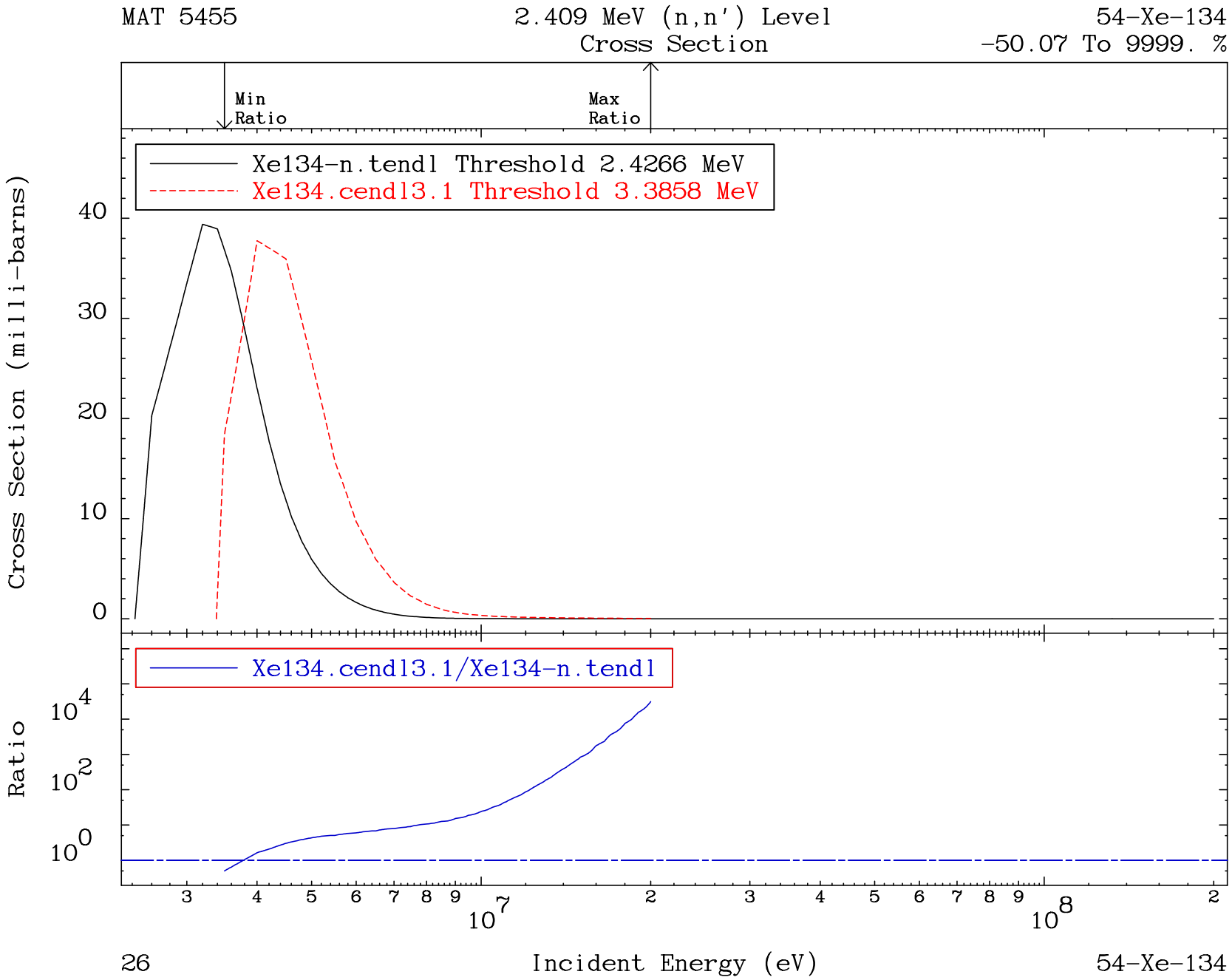

MAT 5455
2.272 MeV (n,n') Level
Cross Section
54-Xe-134
-22.82 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.2891 MeV
Xe134.cendl3.1 Threshold 2.7938 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
21
Incident Energy (eV)
54-Xe-134

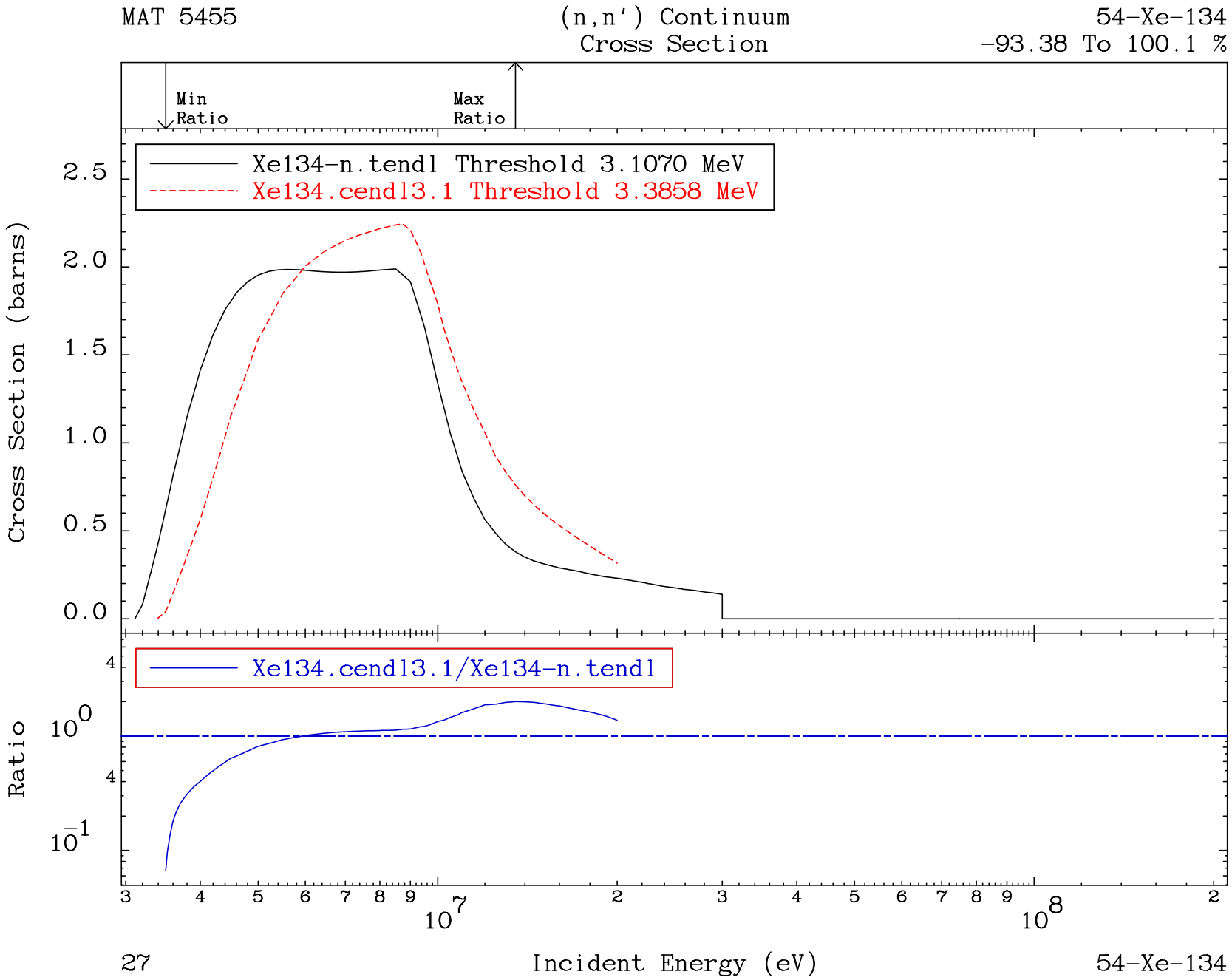

MAT 5455
2.294 MeV (n,n') Level
Cross Section
54-Xe-134
31.80 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.3115 MeV
Xe134.cendl3.1 Threshold 2.8890 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
22
Incident Energy (eV)
54-Xe-134

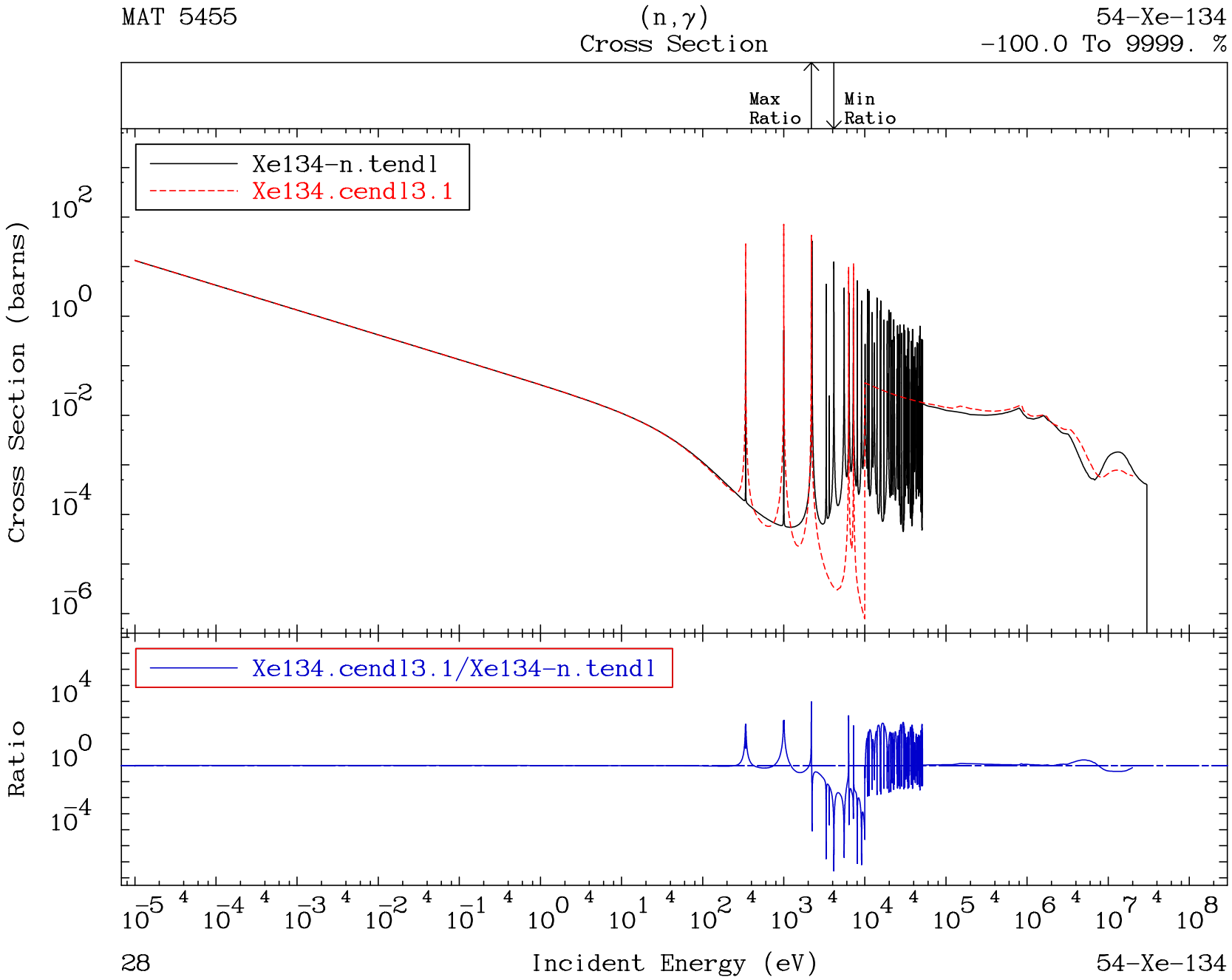

MAT 5455
2.302 MeV (n,n') Level
Cross Section
54-Xe-134
-68.36 To 9999. %
Min
Ratio
Max
Ratio
Xe134-n.tendl Threshold 2.3196 MeV
Xe134.cendl3.1 Threshold 3.1070 MeV
Cross Section (milli-barns)
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
23
Incident Energy (eV)
54-Xe-134

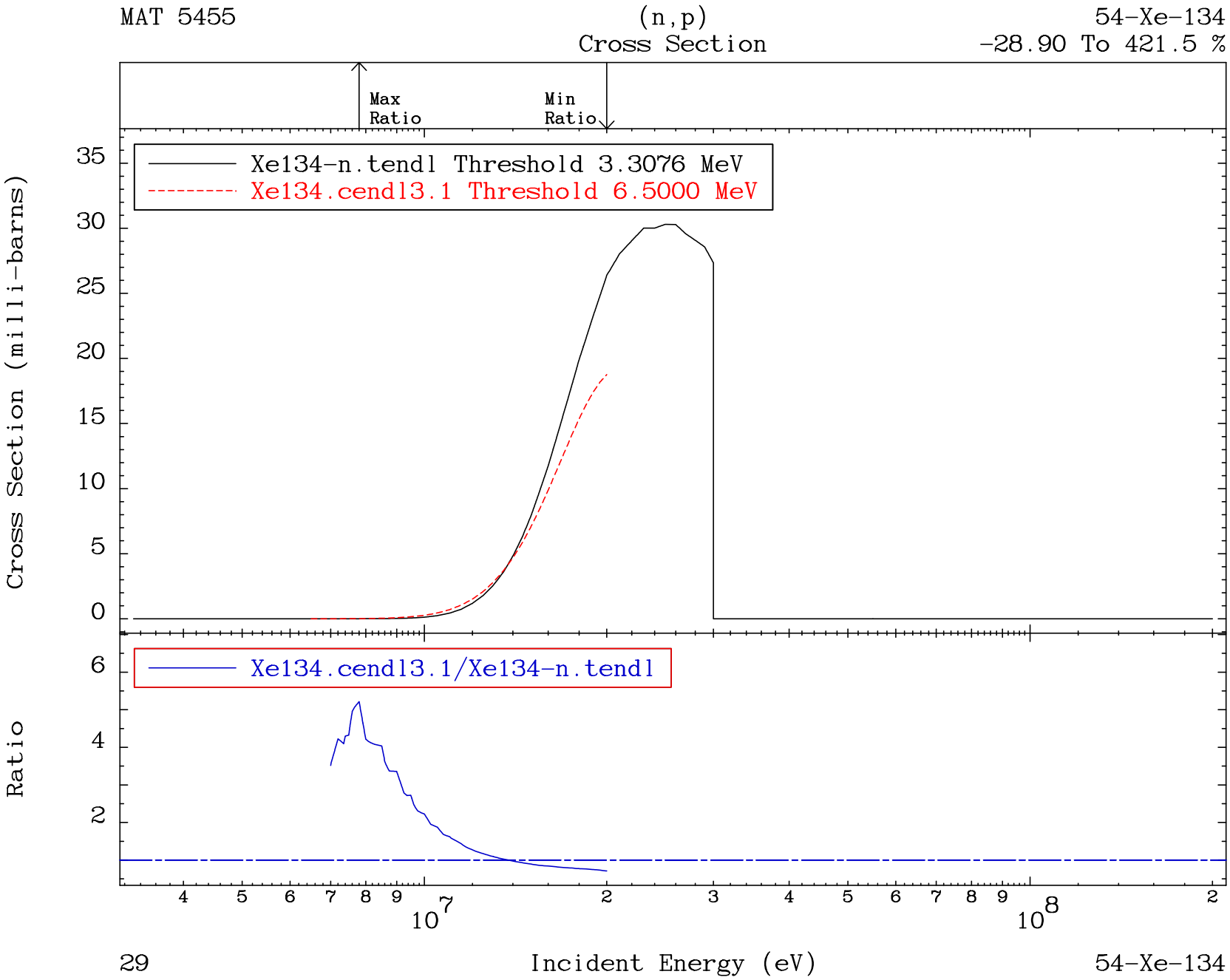

MAT 5455
2.353 MeV (n,n') Level
Cross Section
54-Xe-134
-94.15 To 231.0 %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 2.3707 MeV
Xe134.cendl3.1 Threshold 3.2802 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
4
$10^{0}$
4
$10^{-1}$
3 4 5 6 7 8 9 $10^{7}$ 2 3 4 5 6 7 8 9 $10^{8}$ 2
24
Incident Energy (eV)
54-Xe-134

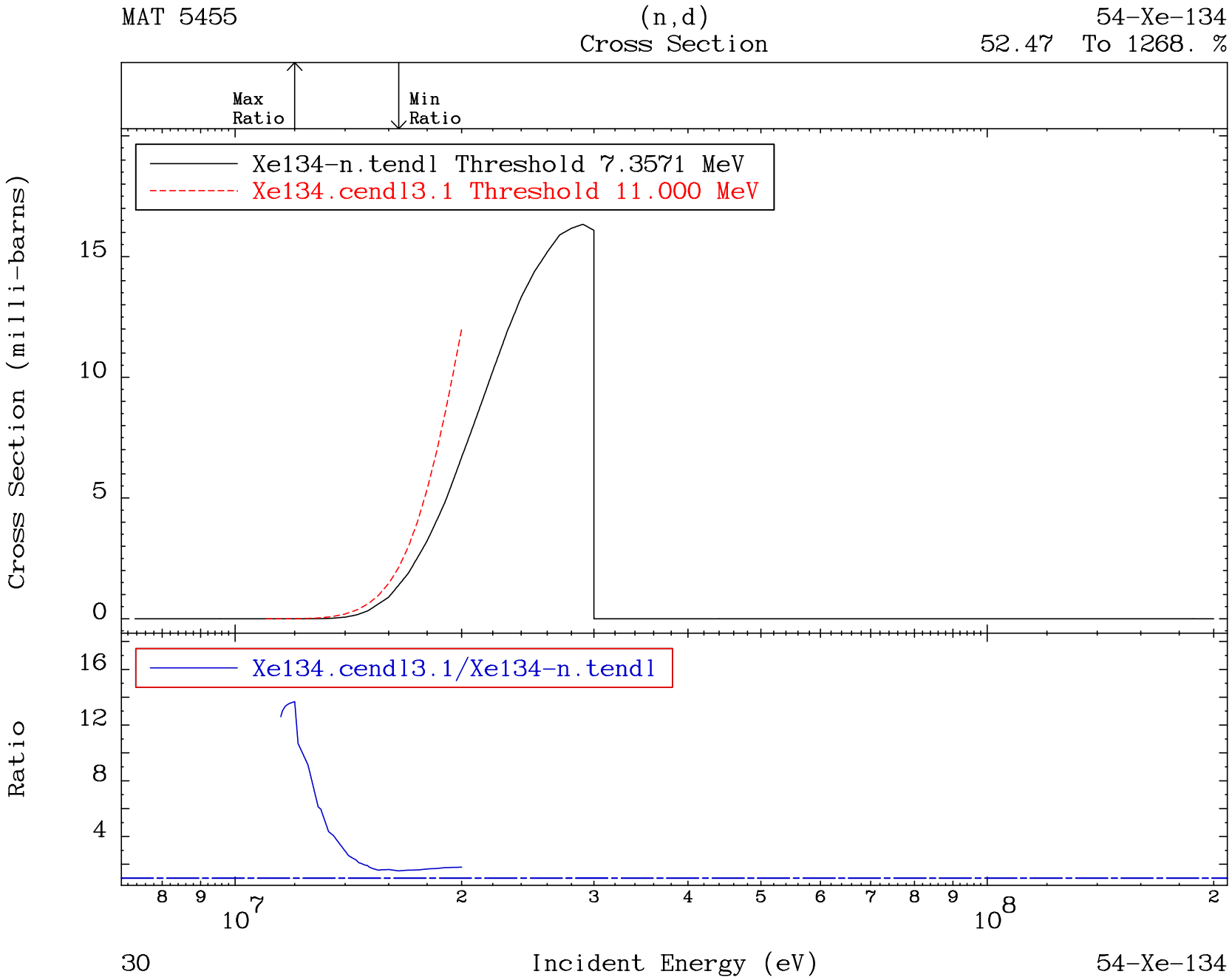

MAT 5455
2.389 MeV (n,n') Level
Cross Section
54-Xe-134
-80.81 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.4071 MeV
Xe134.cendl3.1 Threshold 3.3395 MeV
Cross Section (milli-barns)
0
10
20
30
40
50
60
Xe134.cendl3.1/Xe134-n.tendl
Ratio
$10^0$
$10^2$
$10^4$
$10^6$
3 4 5 6 7 8 9 $10^7$ 2 3 4 5 6 7 8 9 $10^8$ 2
25
Incident Energy (eV)
54-Xe-134

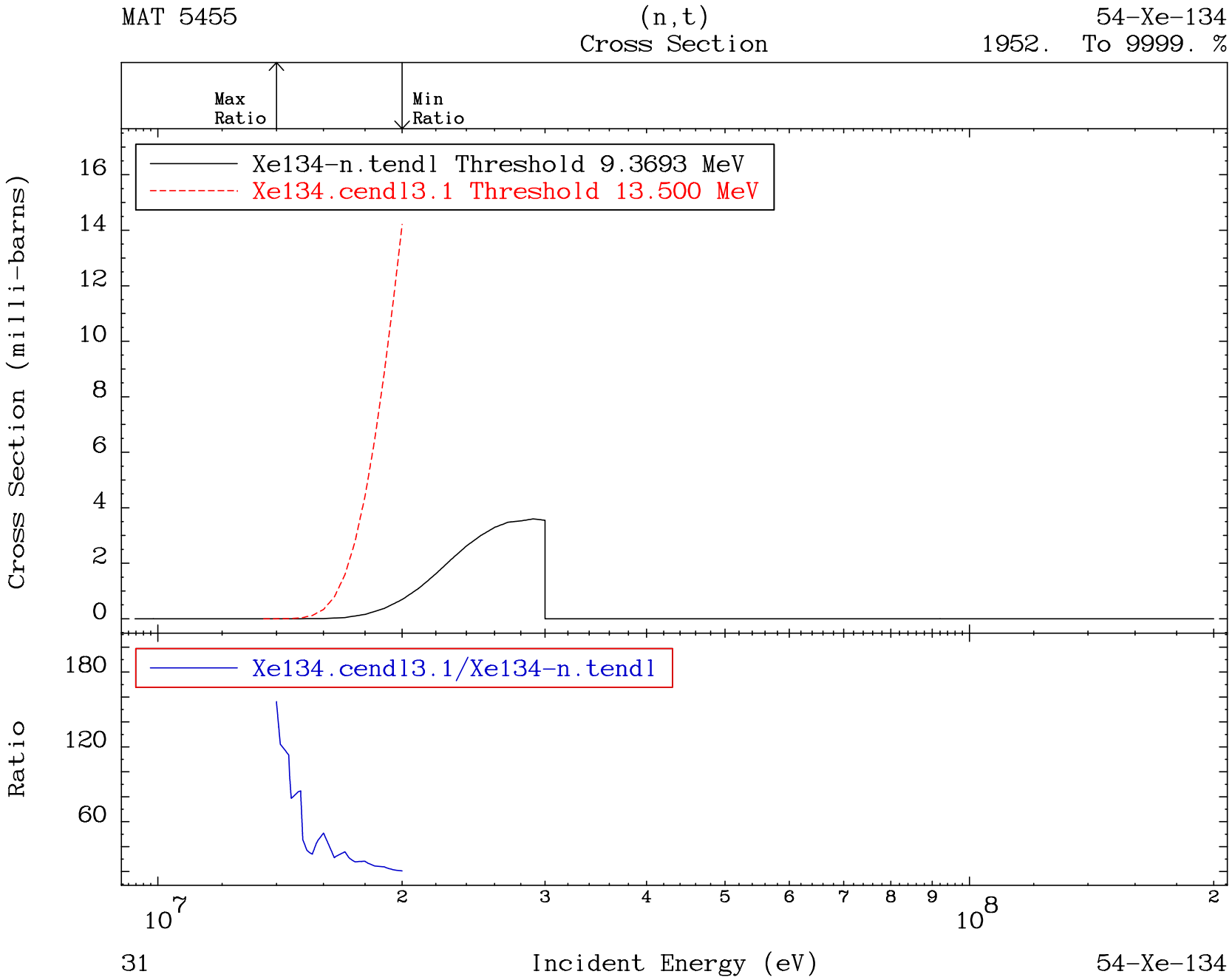

MAT 5455
2.409 MeV (n,n') Level
Cross Section
54-Xe-134
-50.07 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 2.4266 MeV
Xe134.cendl3.1 Threshold 3.3858 MeV
Cross Section (milli-barns)
40
30
20
10
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^4
10^2
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
26
Incident Energy (eV)
54-Xe-134

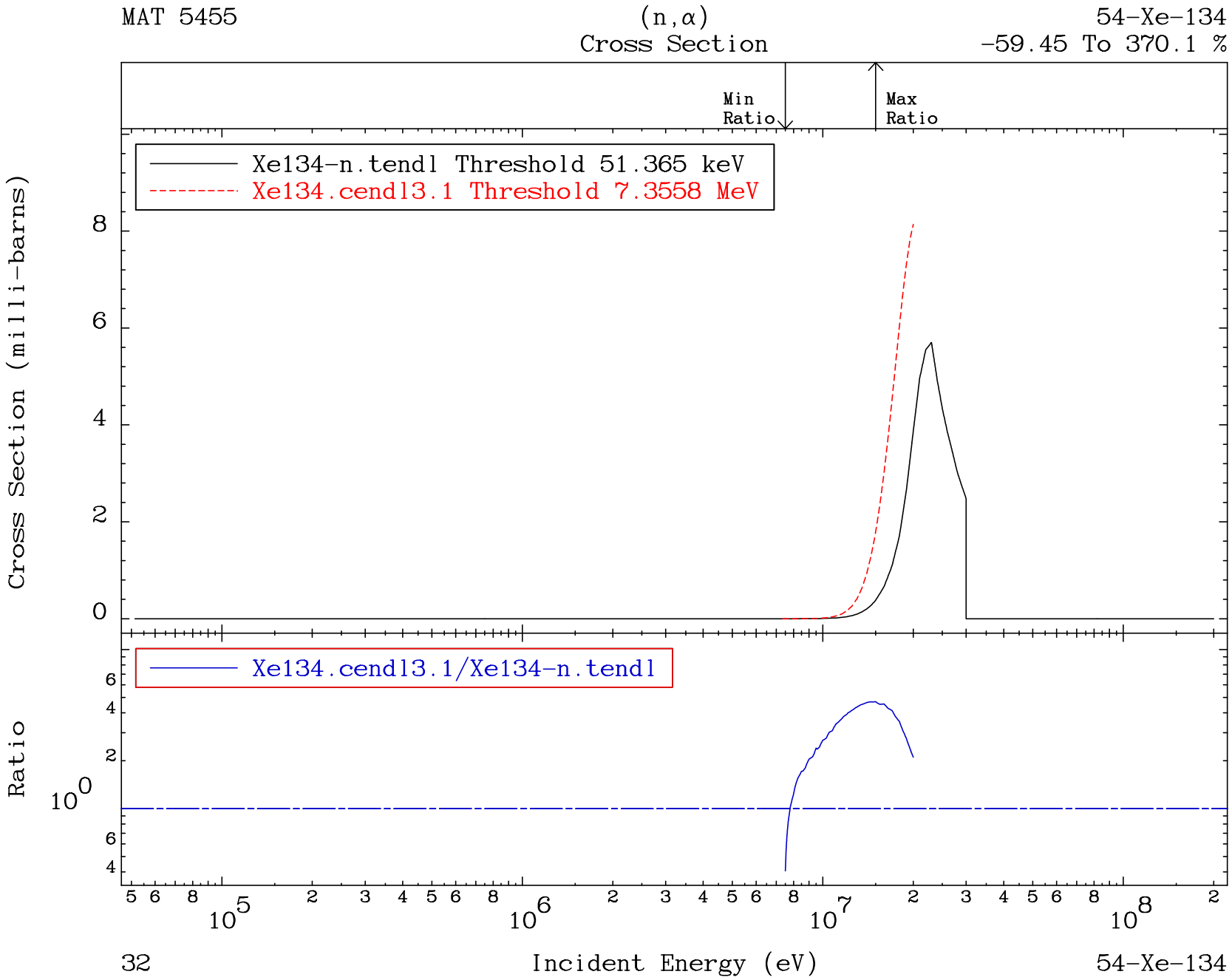

MAT 5455
(n,n') Continuum
Cross Section
54-Xe-134
-93.38 To 100.1 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 3.1070 MeV
Xe134.cendl3.1 Threshold 3.3858 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^0
10^-1
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
54-Xe-134

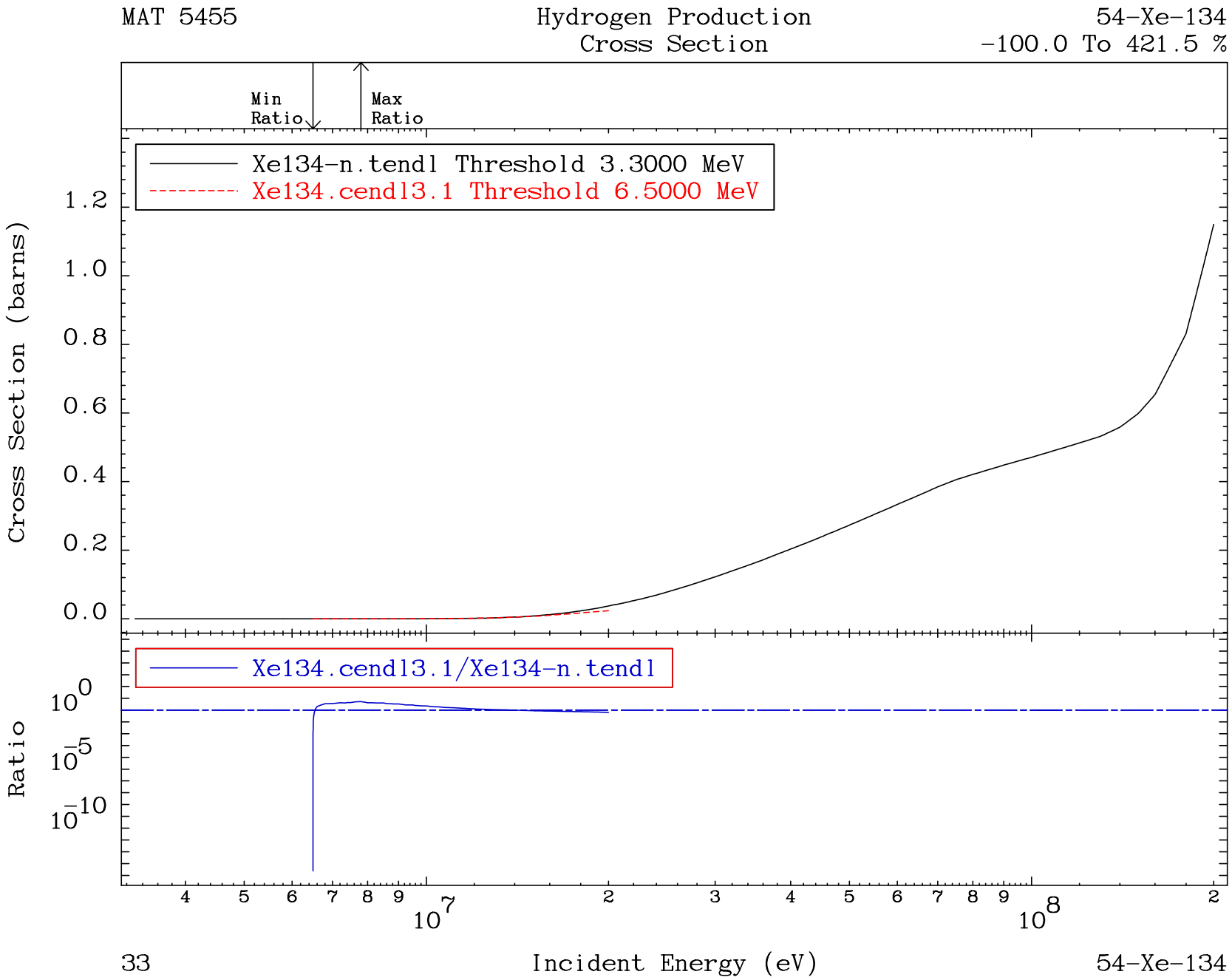

MAT 5455
(n,γ)
Cross Section
54-Xe-134
-100.0 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
28
54-Xe-134

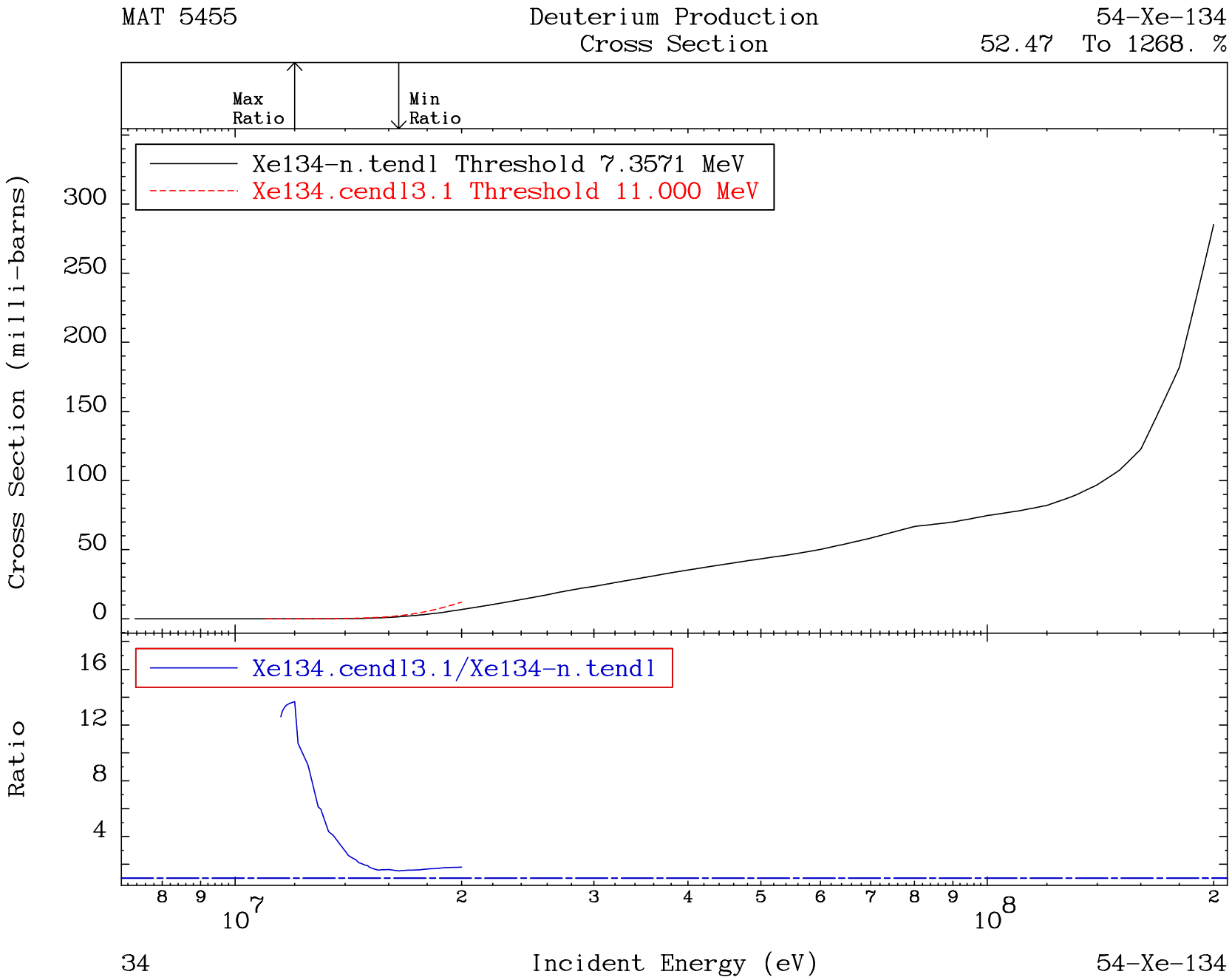

MAT 5455
(n,p)
Cross Section
54-Xe-134
-28.90 To 421.5 %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 3.3076 MeV
Xe134.cendl3.1 Threshold 6.5000 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
6
4
2
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
54-Xe-134

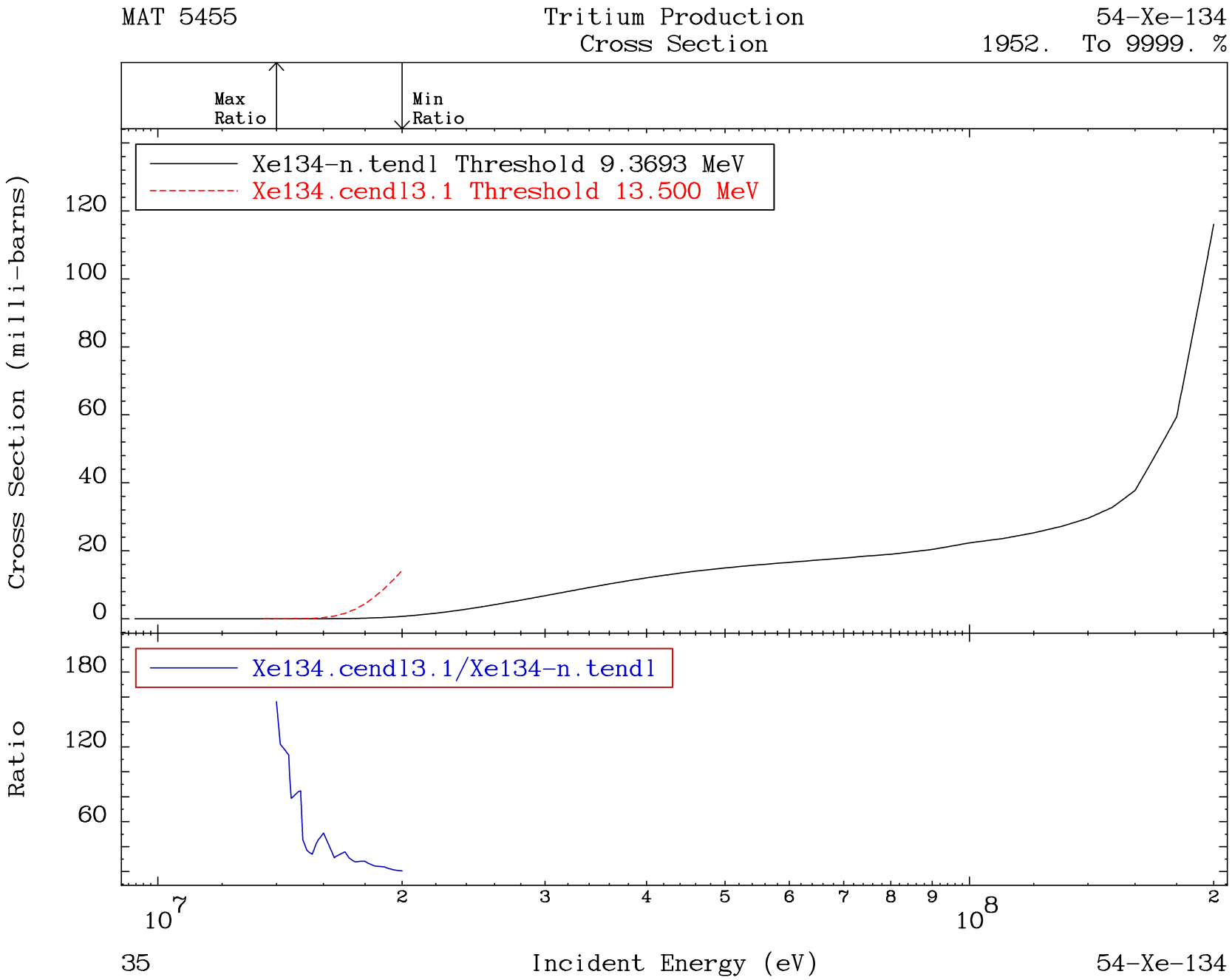

MAT 5455
(n,d)
Cross Section
54-Xe-134
52.47 To 1268. %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 7.3571 MeV
Xe134.cendl3.1 Threshold 11.000 MeV
Cross Section (milli-barns)
15
10
5
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
16
12
8
4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
30
Incident Energy (eV)
54-Xe-134

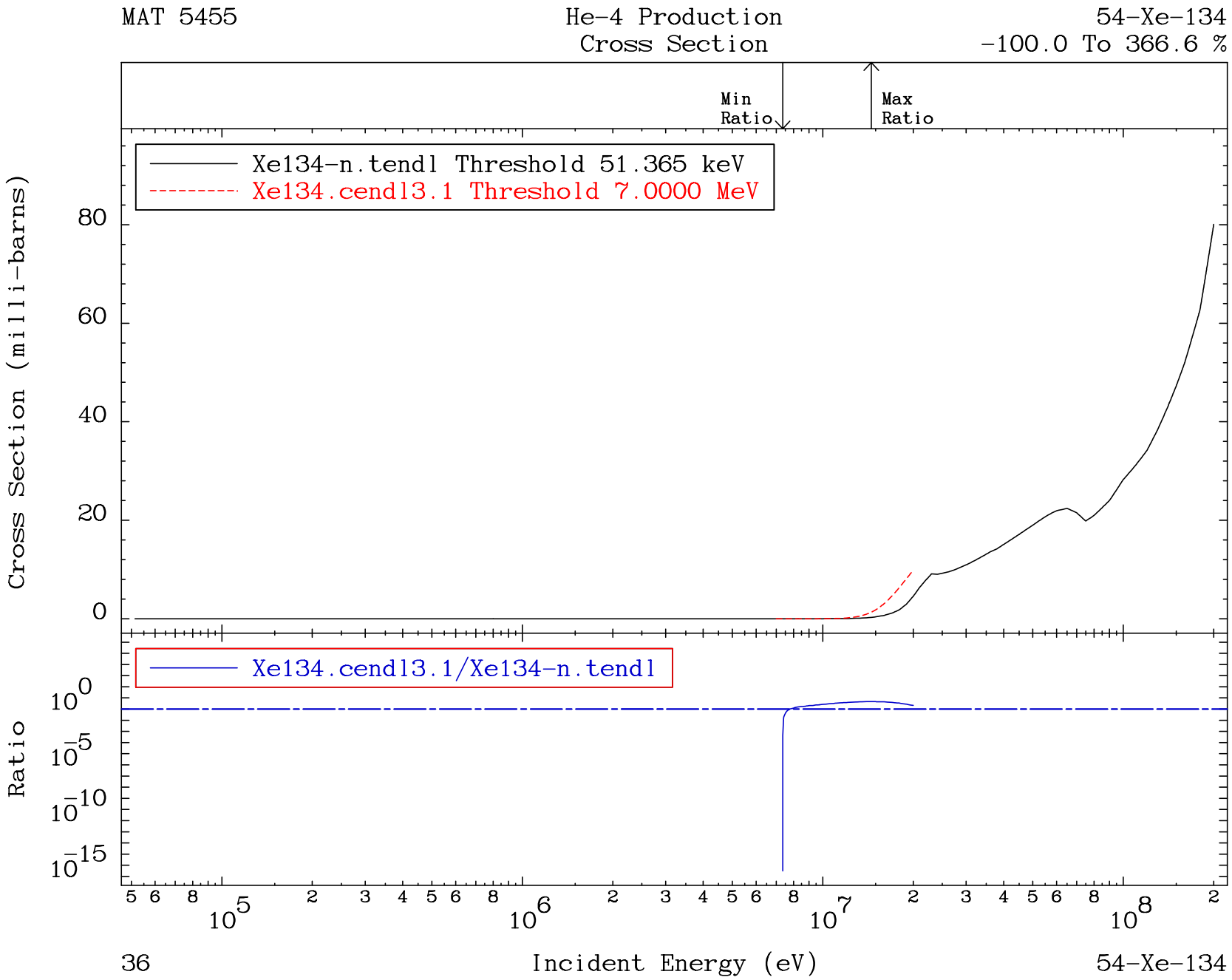

MAT 5455
(n,t)
Cross Section
54-Xe-134
1952. To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 9.3693 MeV
Xe134.cendl3.1 Threshold 13.500 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
180
120
60
$10^7$
2
3
4
5
6
7
8
9
$10^8$
2
31
Incident Energy (eV)
54-Xe-134

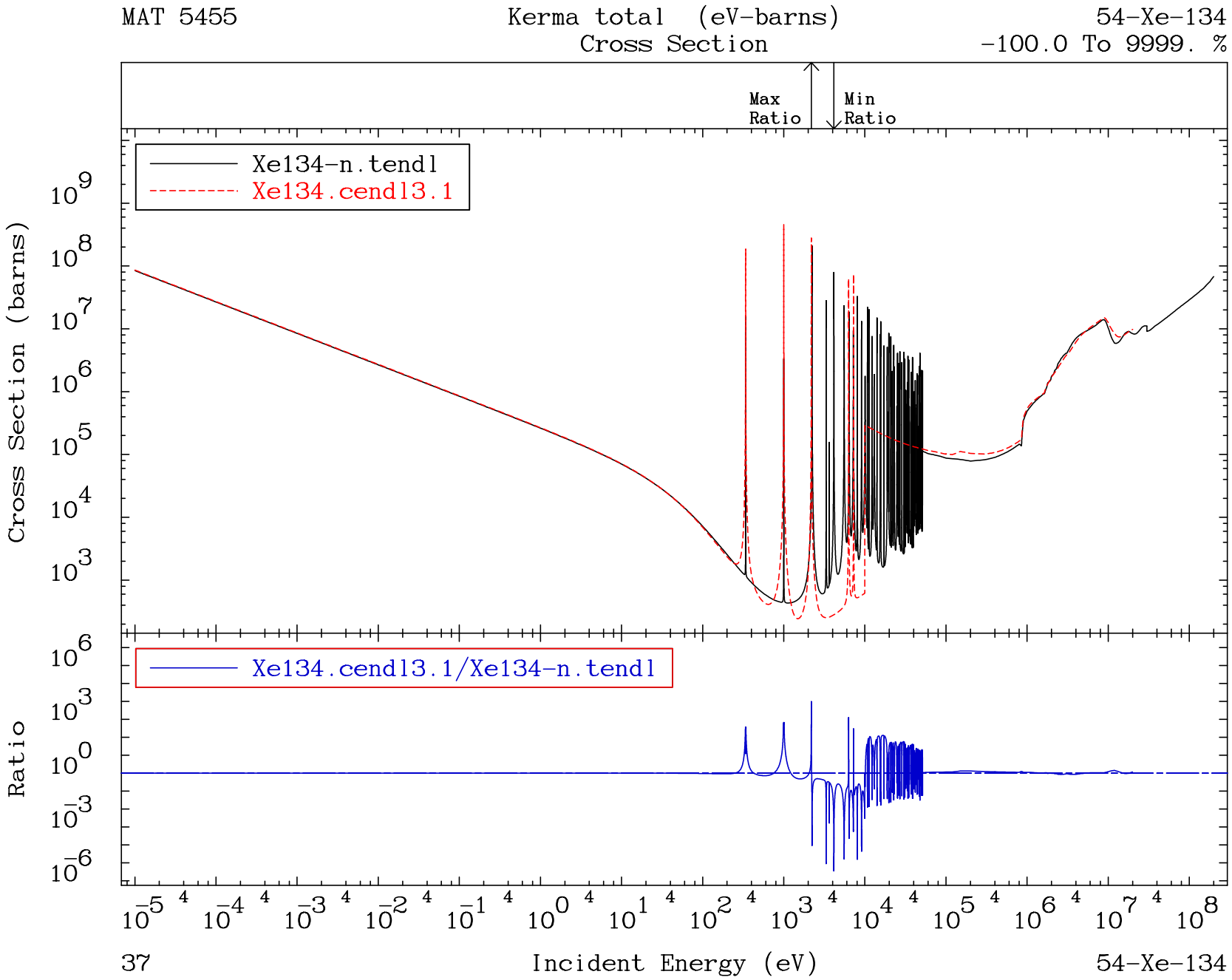

MAT 5455
(n,α)
Cross Section
54-Xe-134
-59.45 To 370.1 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 51.365 keV
Xe134.cendl3.1 Threshold 7.3558 MeV
Cross Section (milli-barns)
0
2
4
6
8
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^0
6
4
2
6
4
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
32
Incident Energy (eV)
54-Xe-134

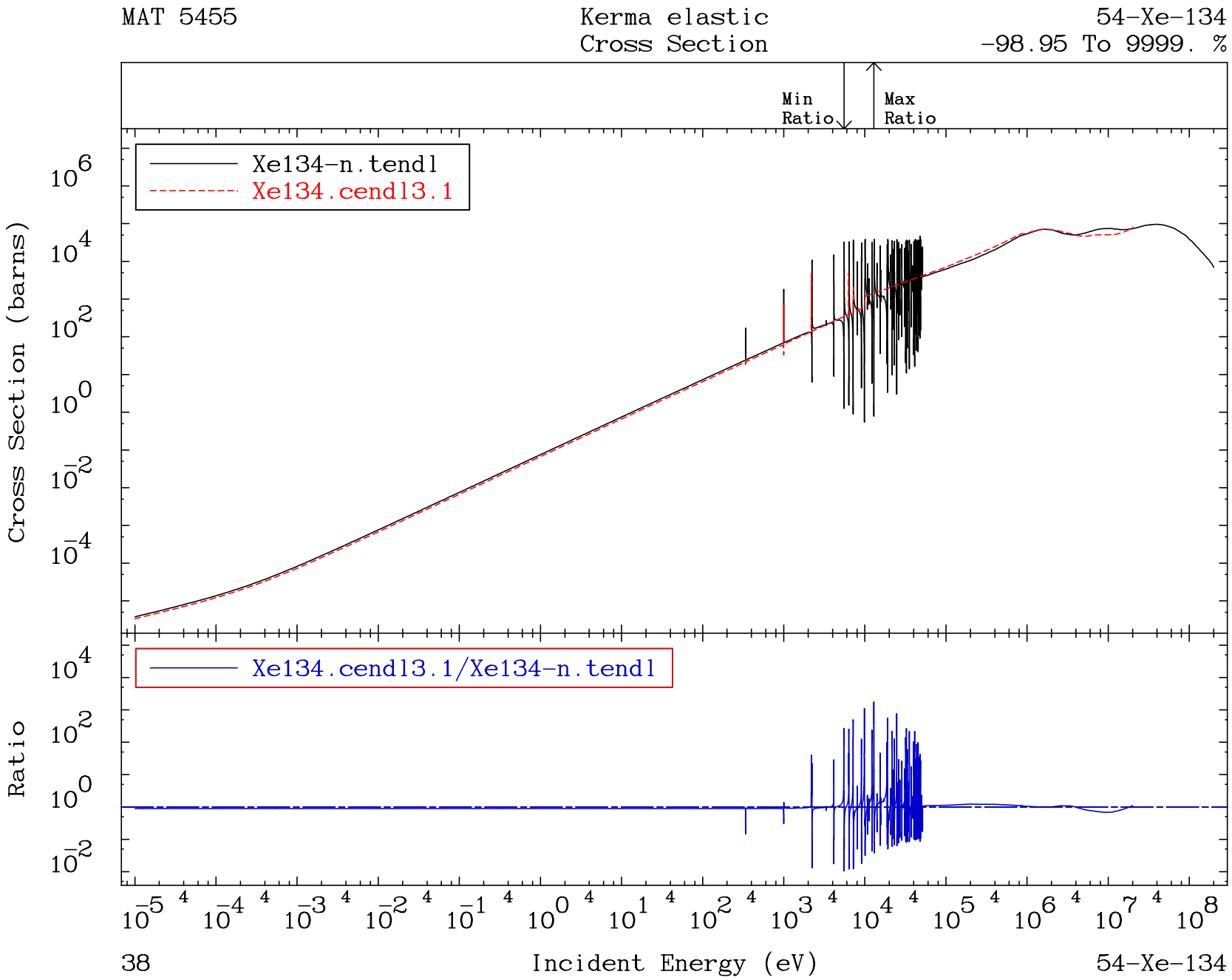

MAT 5455
Hydrogen Production
Cross Section
54-Xe-134
-100.0 To 421.5 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 3.3000 MeV
Xe134.cendl3.1 Threshold 6.5000 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^0
10^-5
10^-10
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
33
Incident Energy (eV)
54-Xe-134

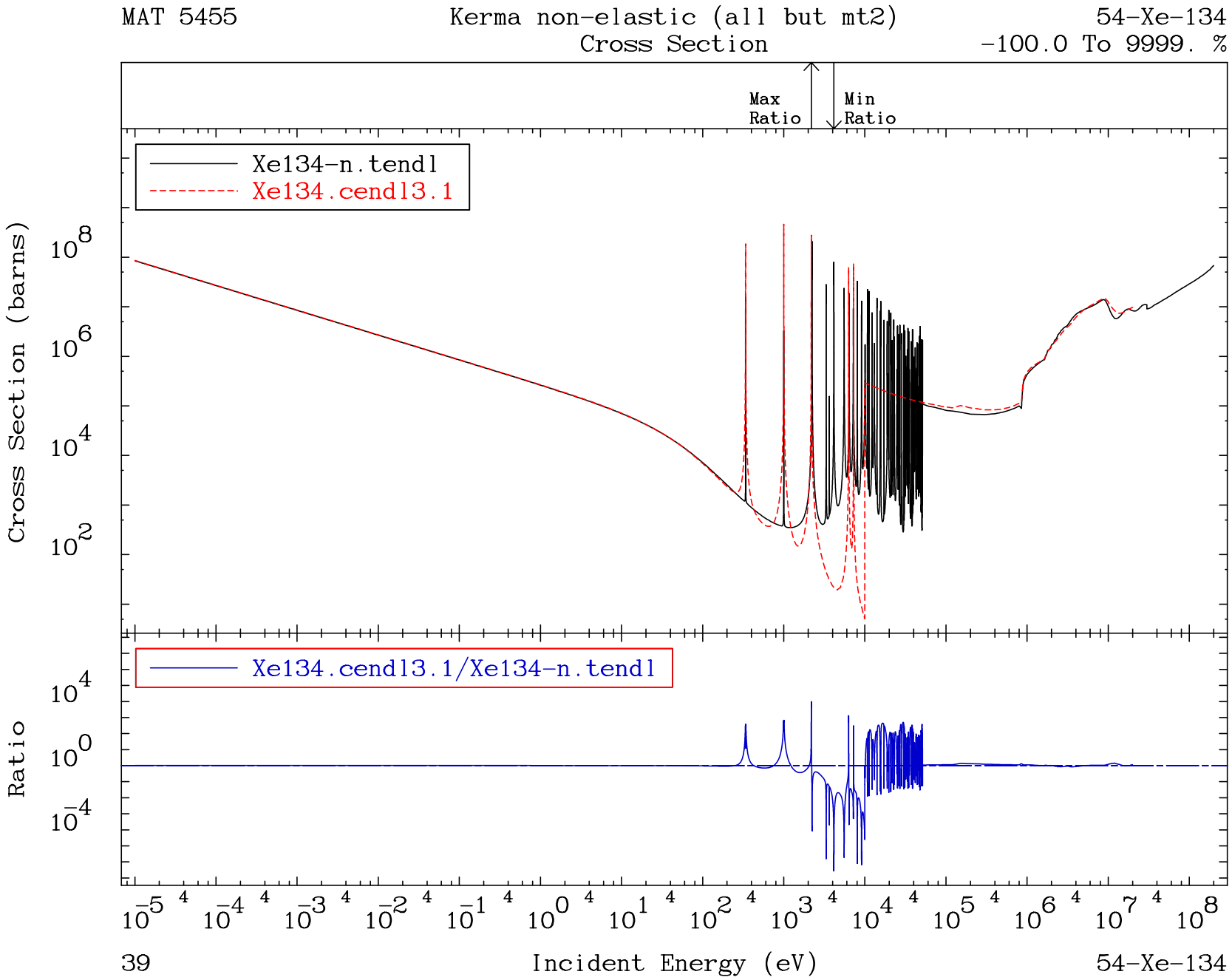

MAT 5455
Deuterium Production
Cross Section
54-Xe-134
52.47 To 1268. %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 7.3571 MeV
Xe134.cendl3.1 Threshold 11.000 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
16
12
8
4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
54-Xe-134

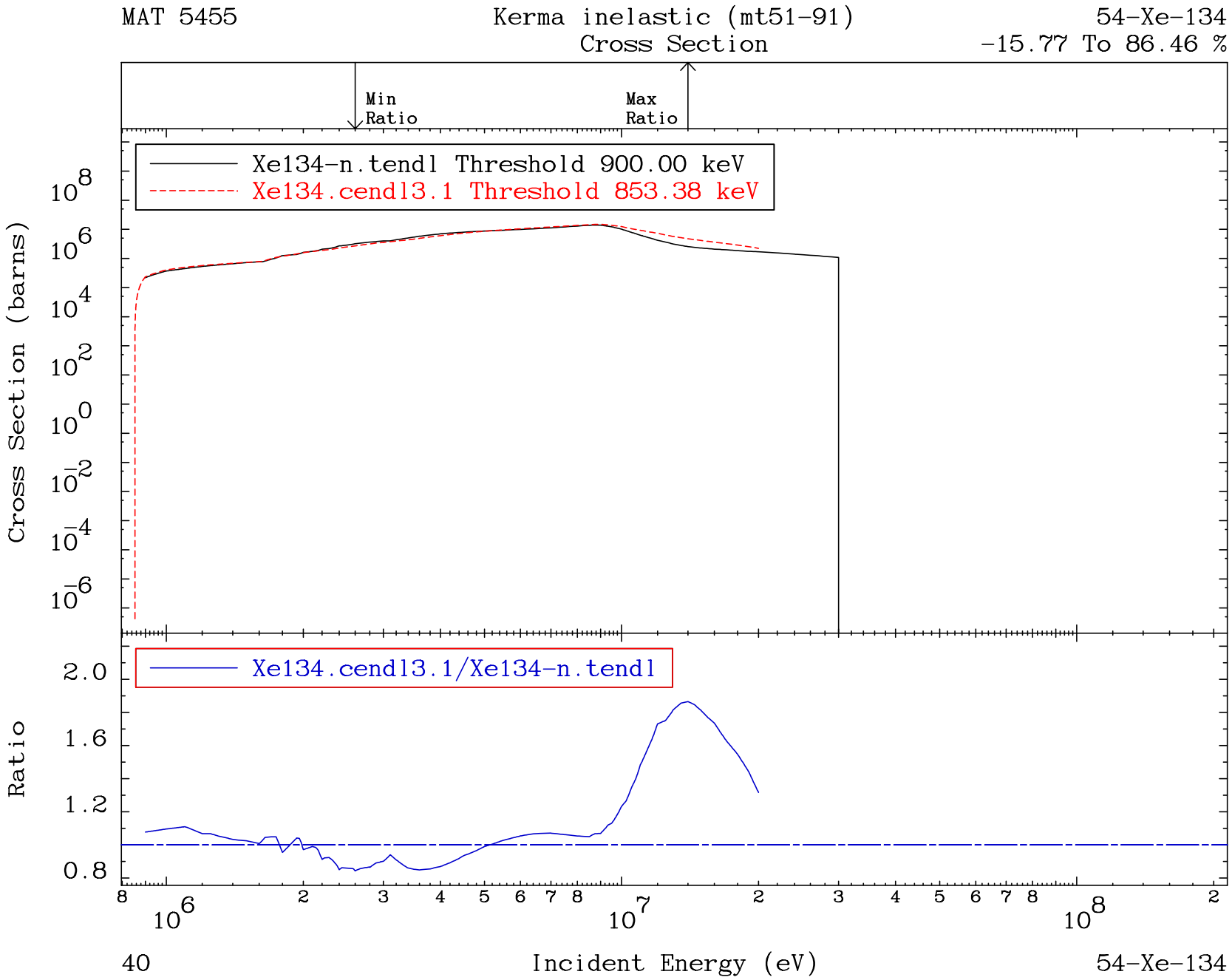

MAT 5455
Tritium Production
Cross Section
54-Xe-134
1952. To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl Threshold 9.3693 MeV
Xe134.cendl3.1 Threshold 13.500 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
180
120
60
10^7
2
3
4
5
6
7
8
9
10^8
2
35
Incident Energy (eV)
54-Xe-134

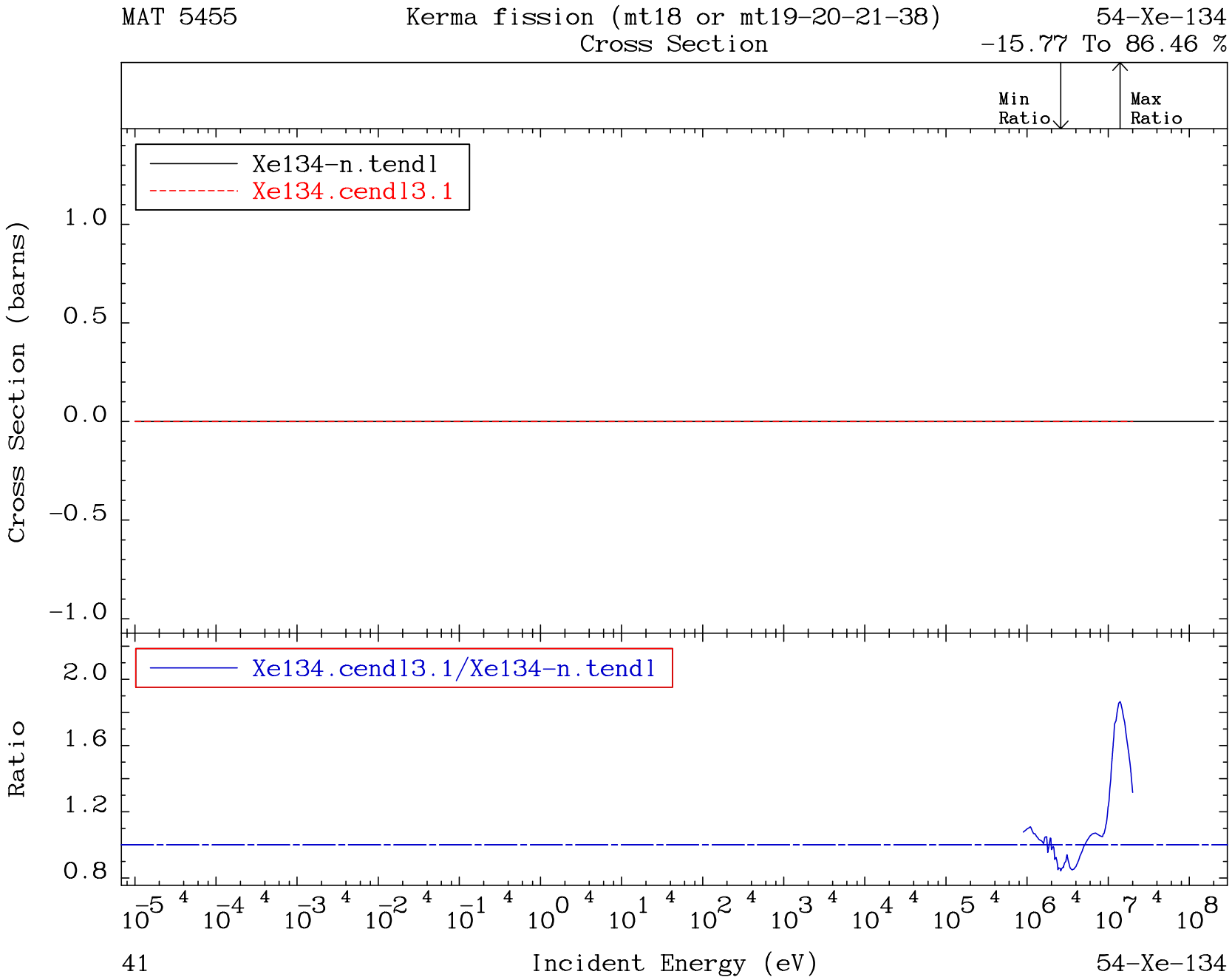

MAT 5455
He-4 Production
Cross Section
54-Xe-134
-100.0 To 366.6 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 51.365 keV
Xe134.cendl3.1 Threshold 7.0000 MeV
Cross Section (milli-barns)
0
20
40
60
80
Xe134.cendl3.1/Xe134-n.tendl
Ratio
10^0
10^-5
10^-10
10^-15
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
36
Incident Energy (eV)
54-Xe-134

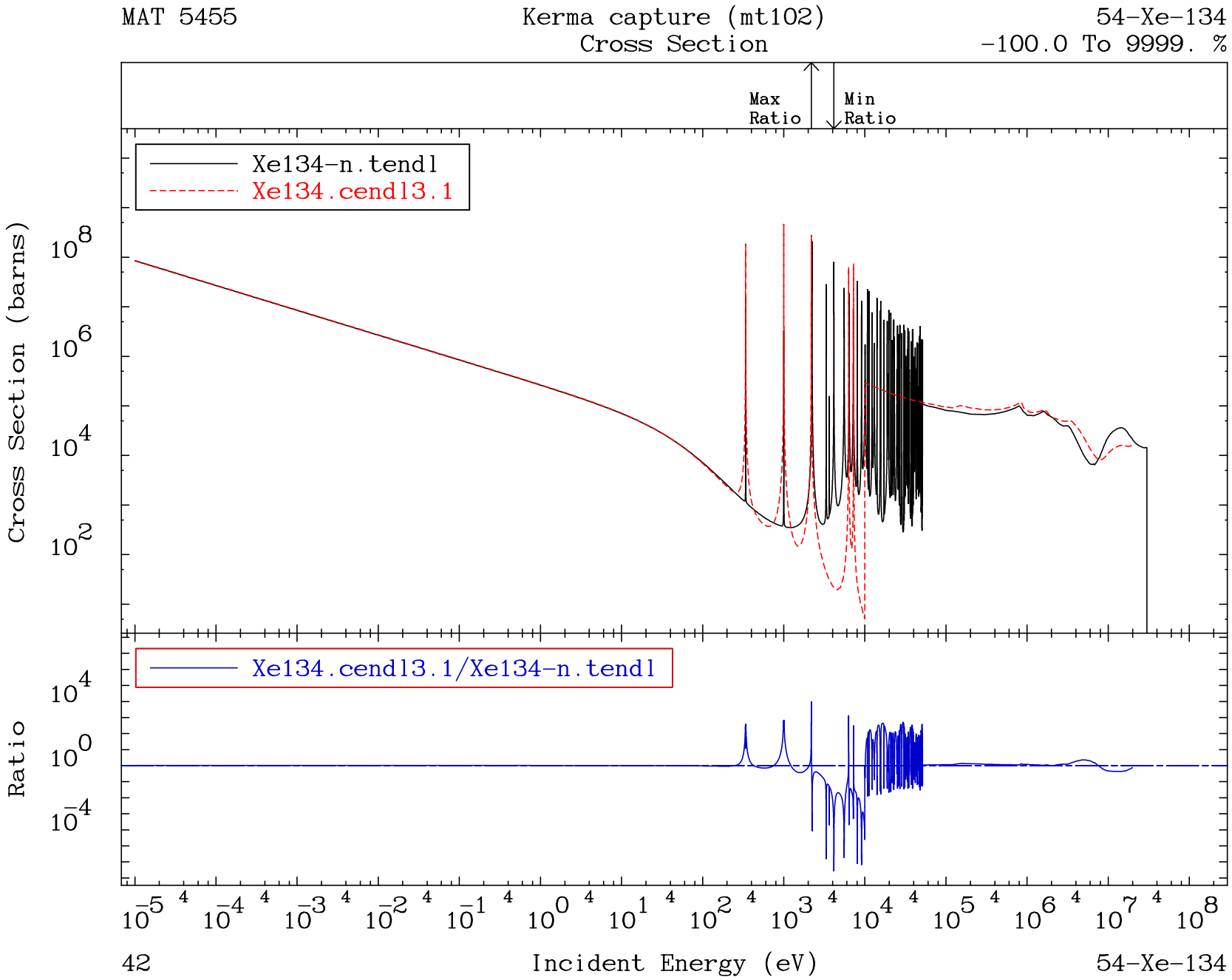

MAT 5455
Kerma total (eV-barns)
Cross Section
54-Xe-134
-100.0 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
37
54-Xe-134

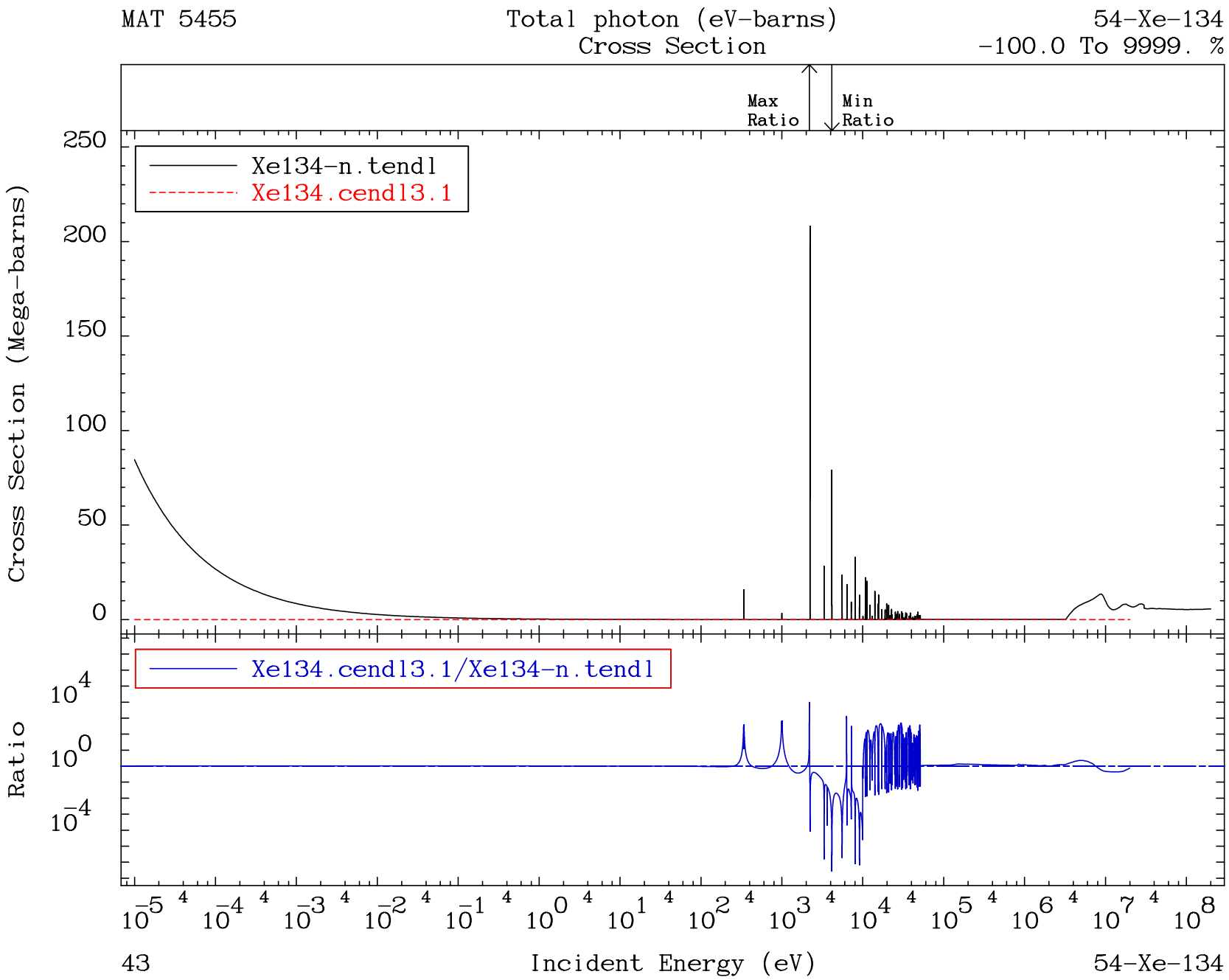

MAT 5455
Kerma elastic
Cross Section
54-Xe-134
-98.95 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
38
54-Xe-134

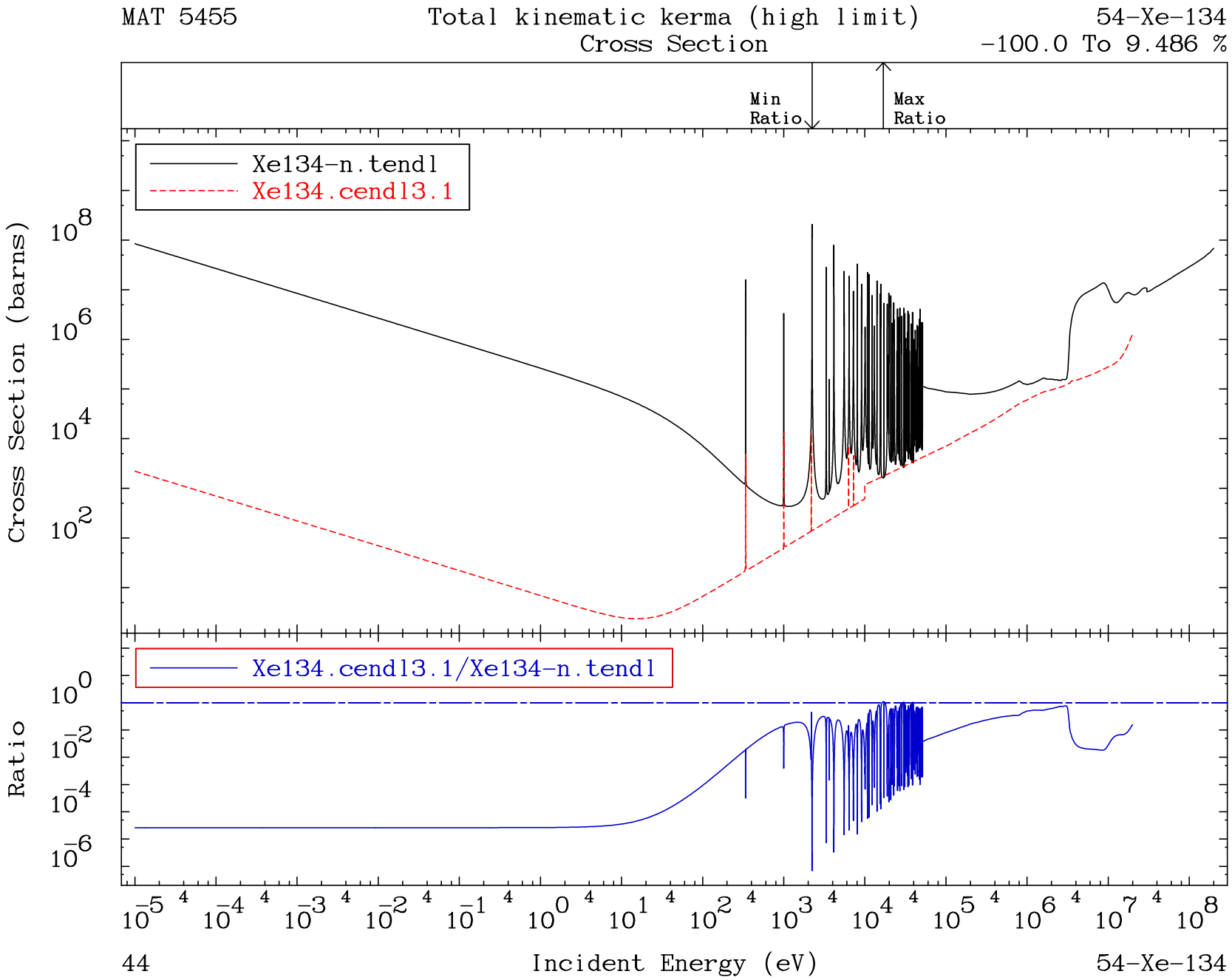

MAT 5455
Kerma non-elastic (all but mt2)
Cross Section
54-Xe-134
-100.0 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
39
54-Xe-134

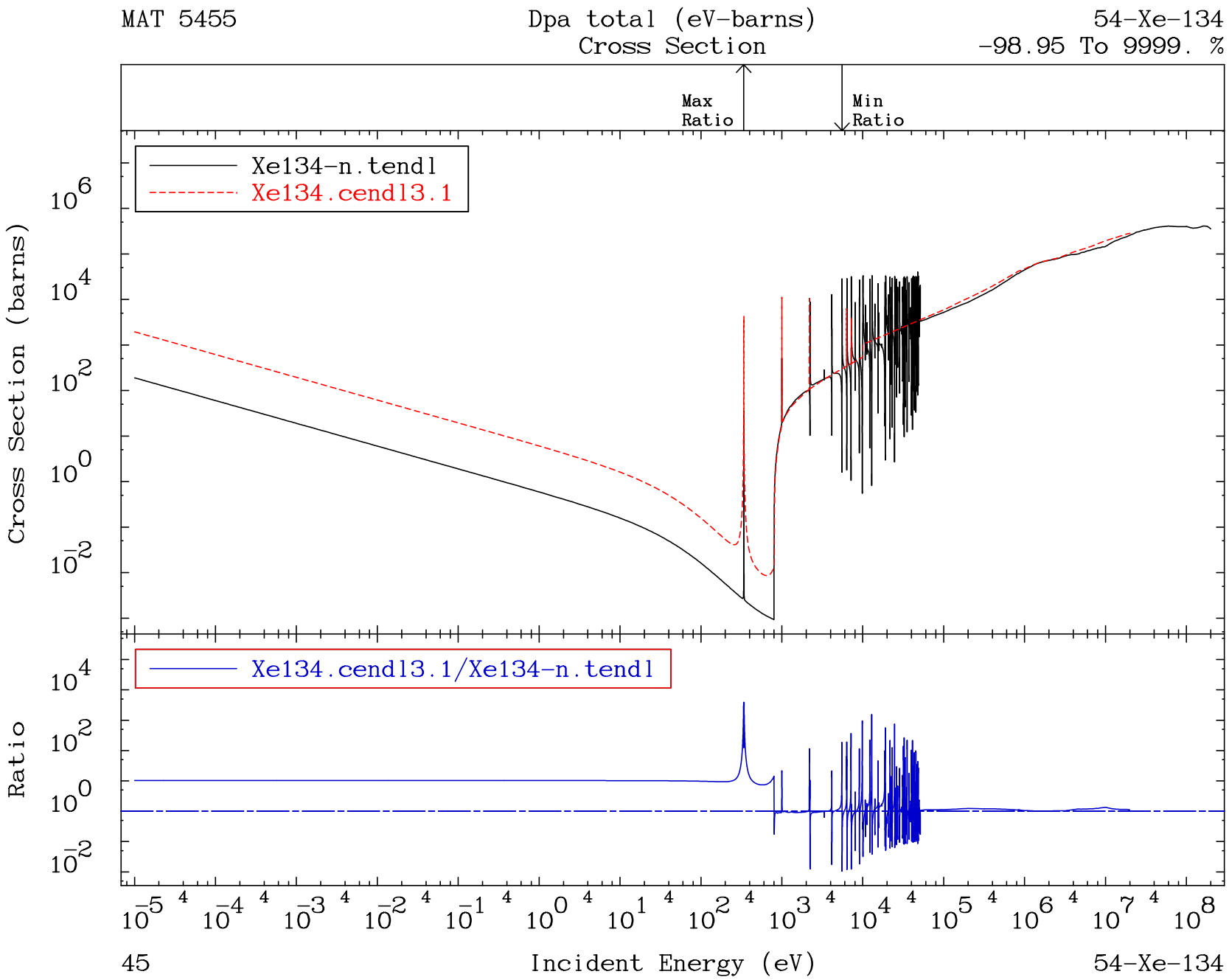

MAT 5455
Kerma inelastic (mt51-91)
Cross Section
54-Xe-134
-15.77 To 86.46 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 900.00 keV
Xe134.cendl3.1 Threshold 853.38 keV
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
40
54-Xe-134

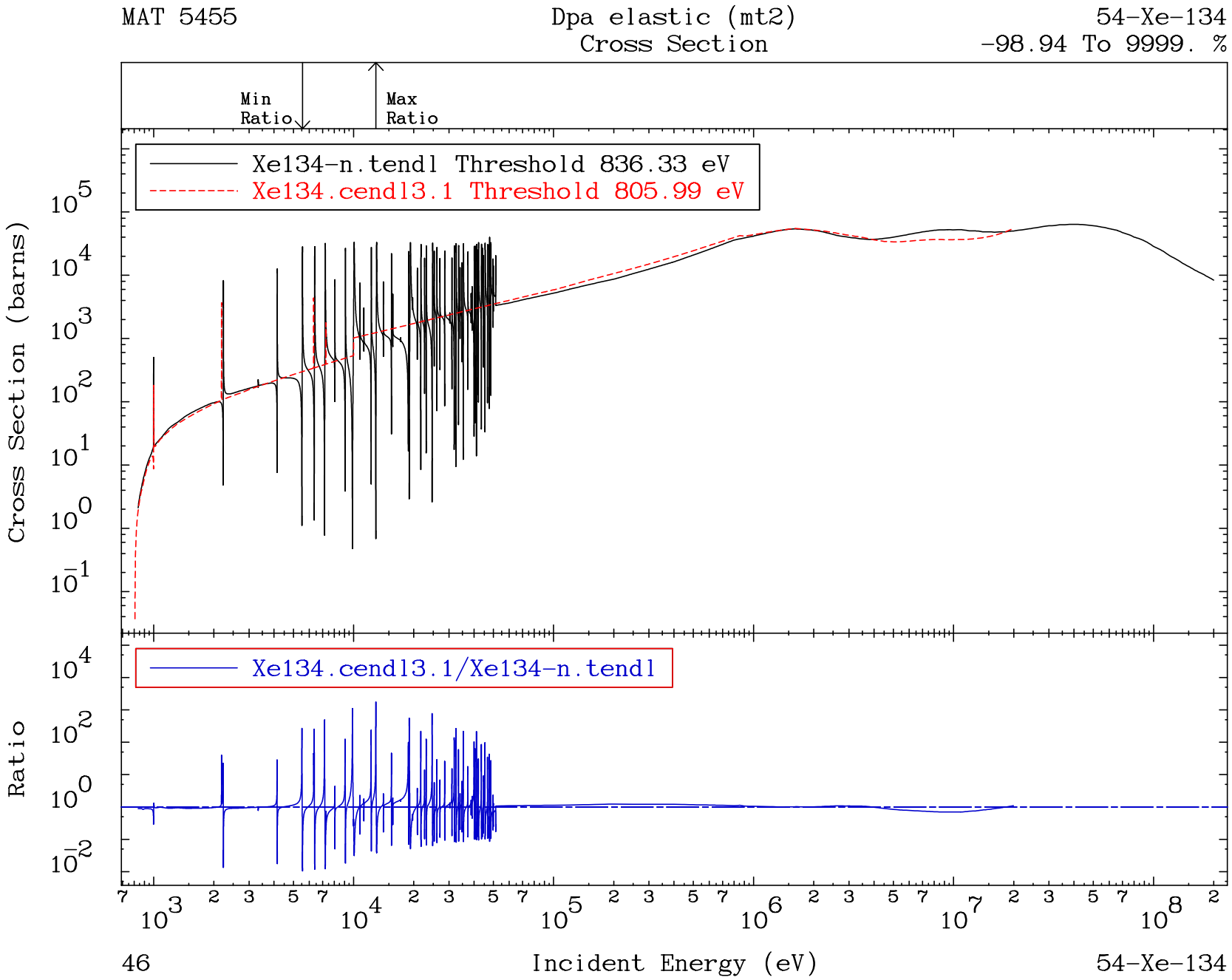

MAT 5455
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
54-Xe-134
-15.77 To 86.46 %
Min Ratio
Max Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
2.0
1.6
1.2
0.8
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
41
Incident Energy (eV)
54-Xe-134

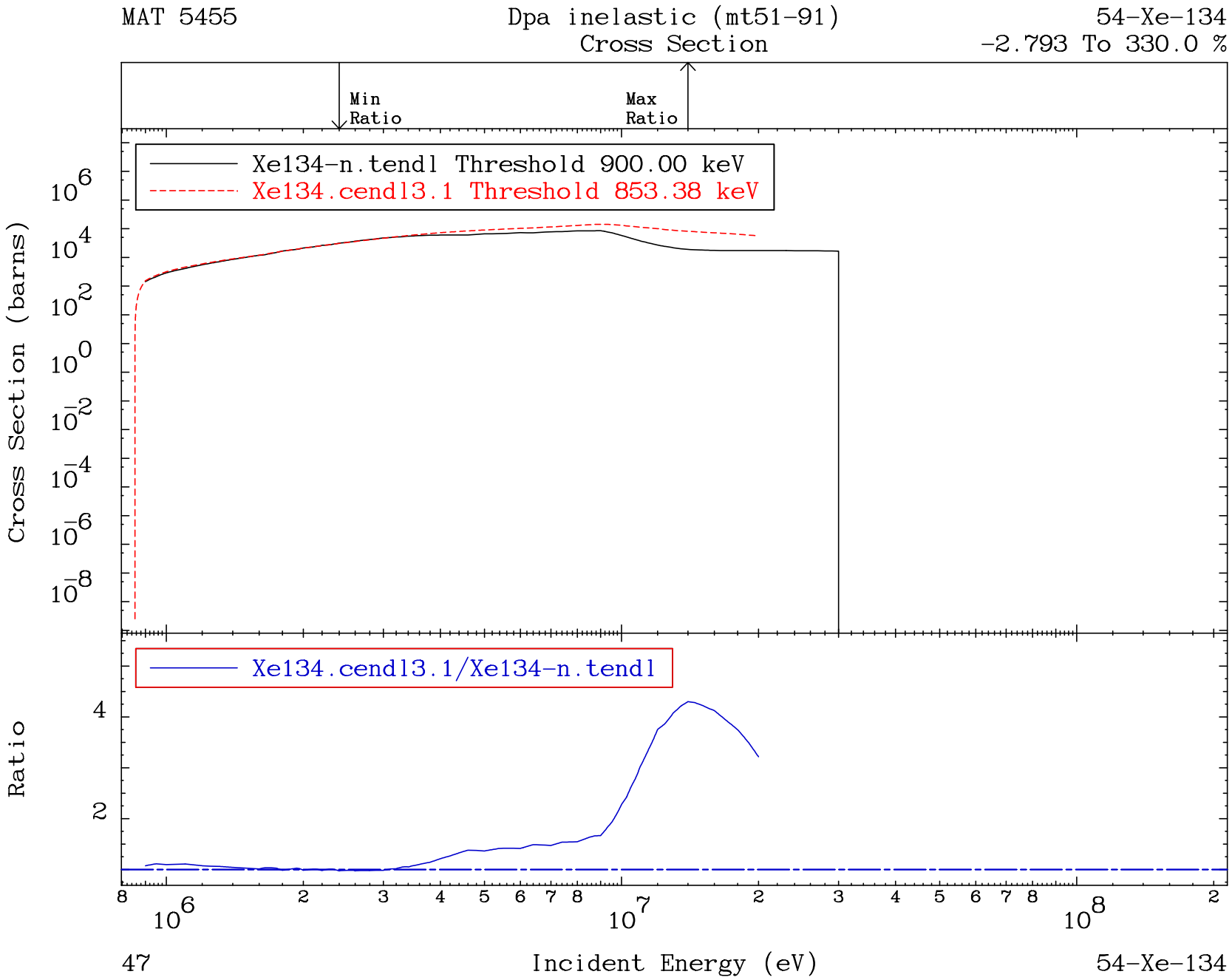

MAT 5455
Kerma capture (mt102)
Cross Section
54-Xe-134
-100.0 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
42
54-Xe-134

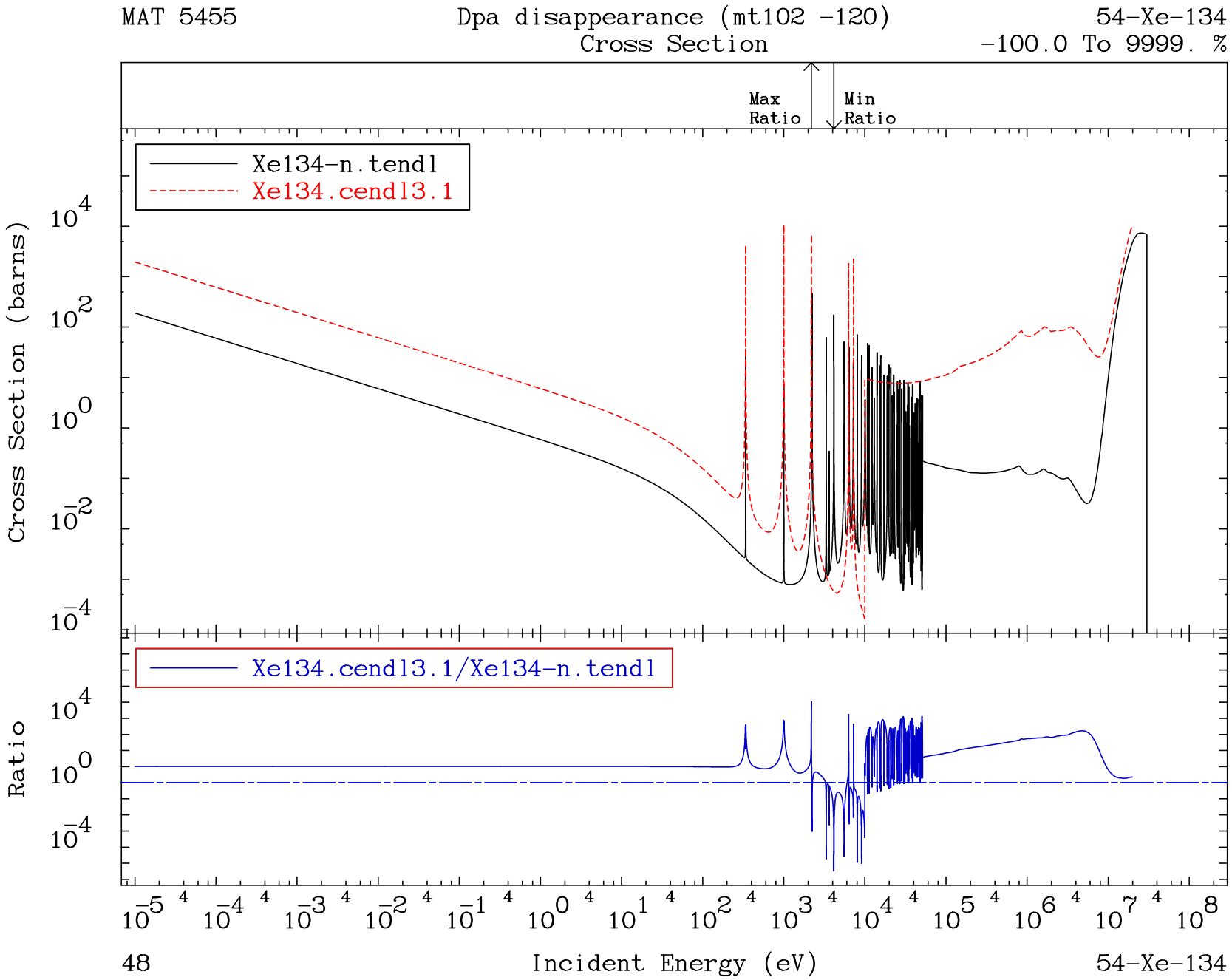

MAT 5455
Total photon (eV-barns)
Cross Section
54-Xe-134
-100.0 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (Mega-barns)
250
200
150
100
50
0
Xe134.cendl3.1/Xe134-n.tendl
Ratio
$10^{4}$
$10^{0}$
$10^{-4}$
$10^{-5}$ $10^{-4}$ $10^{-3}$ $10^{-2}$ $10^{-1}$ $10^{0}$ $10^{1}$ $10^{2}$ $10^{3}$ $10^{4}$ $10^{5}$ $10^{6}$ $10^{7}$ $10^{8}$
43
Incident Energy (eV)
54-Xe-134


MAT 5455
Total kinematic kerma (high limit)
Cross Section
54-Xe-134
-100.0 To 9.486 %
Min Ratio
Max Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
44
54-Xe-134


MAT 5455
Dpa total (eV-barns)
Cross Section
54-Xe-134
-98.95 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
45
54-Xe-134


MAT 5455
Dpa elastic (mt2)
Cross Section
54-Xe-134
-98.94 To 9999. %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 836.33 eV
Xe134.cendl3.1 Threshold 805.99 eV
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
46
54-Xe-134


MAT 5455
Dpa inelastic (mt51-91)
Cross Section
54-Xe-134
-2.793 To 330.0 %
Min Ratio
Max Ratio
Xe134-n.tendl Threshold 900.00 keV
Xe134.cendl3.1 Threshold 853.38 keV
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
47
54-Xe-134


MAT 5455
Dpa disappearance (mt102 -120)
Cross Section
54-Xe-134
-100.0 To 9999. %
Max Ratio
Min Ratio
Xe134-n.tendl
Xe134.cendl3.1
Cross Section (barns)
Xe134.cendl3.1/Xe134-n.tendl
Ratio
Incident Energy (eV)
48
54-Xe-134