Program Complot
(Version 2018-1)
by
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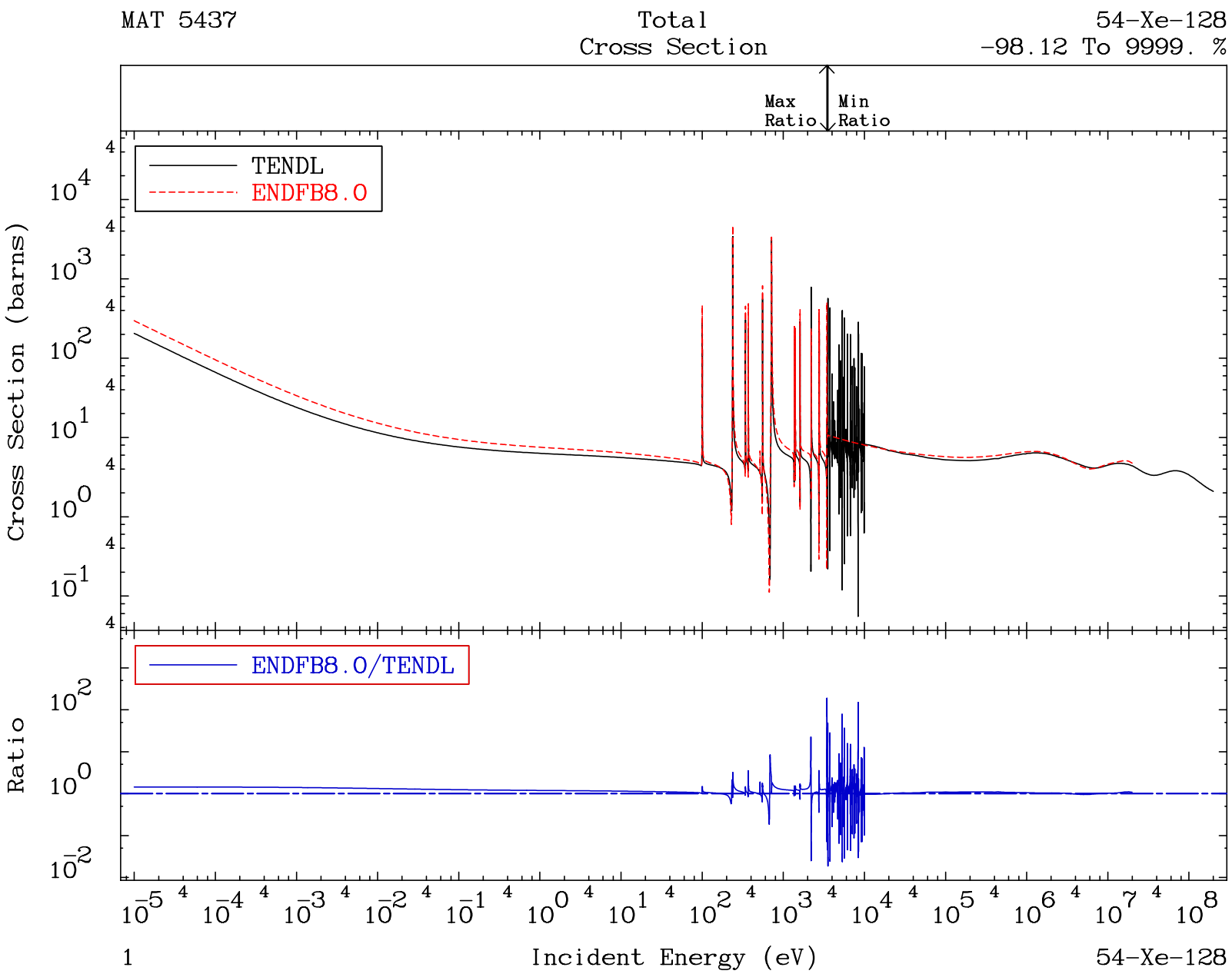
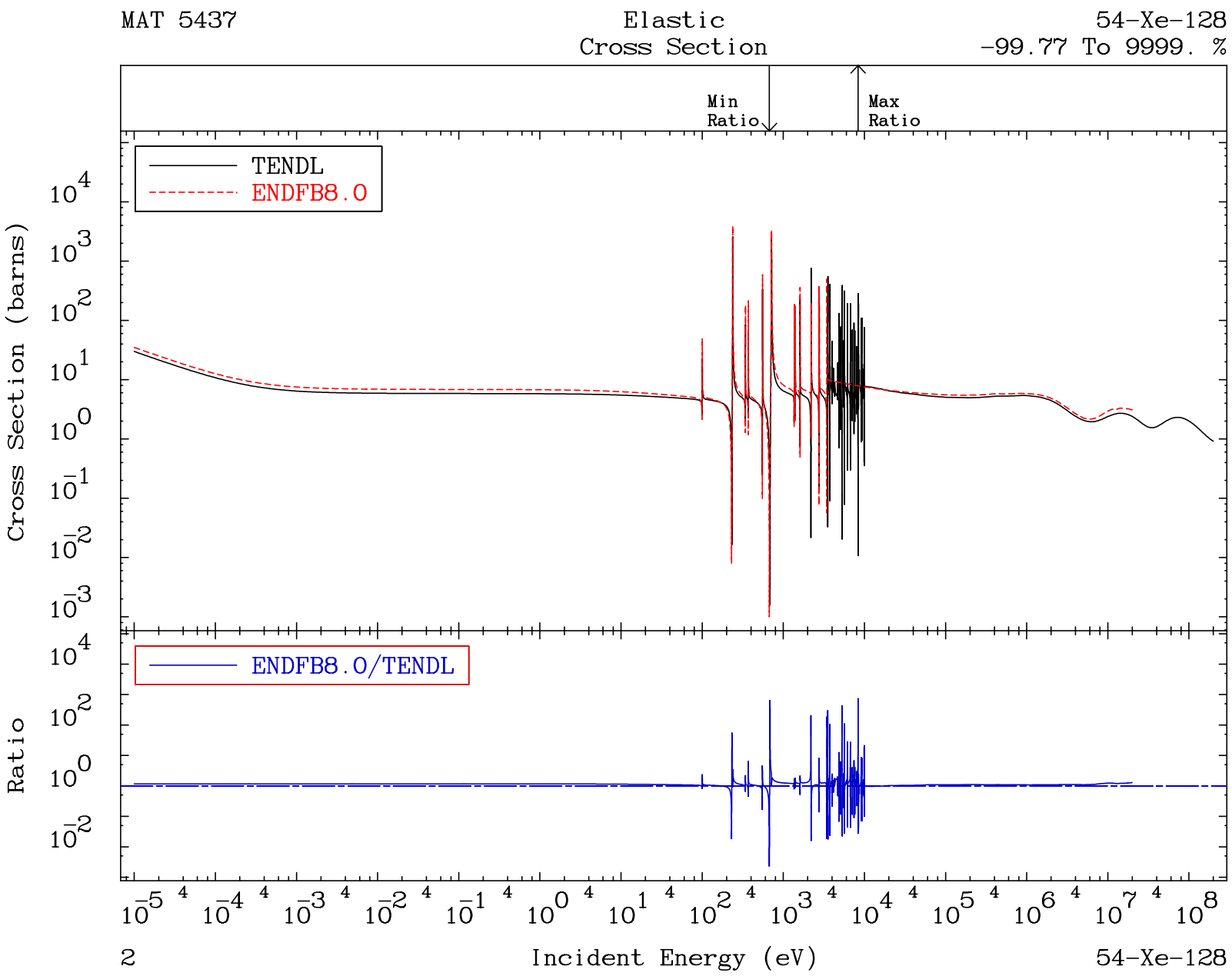
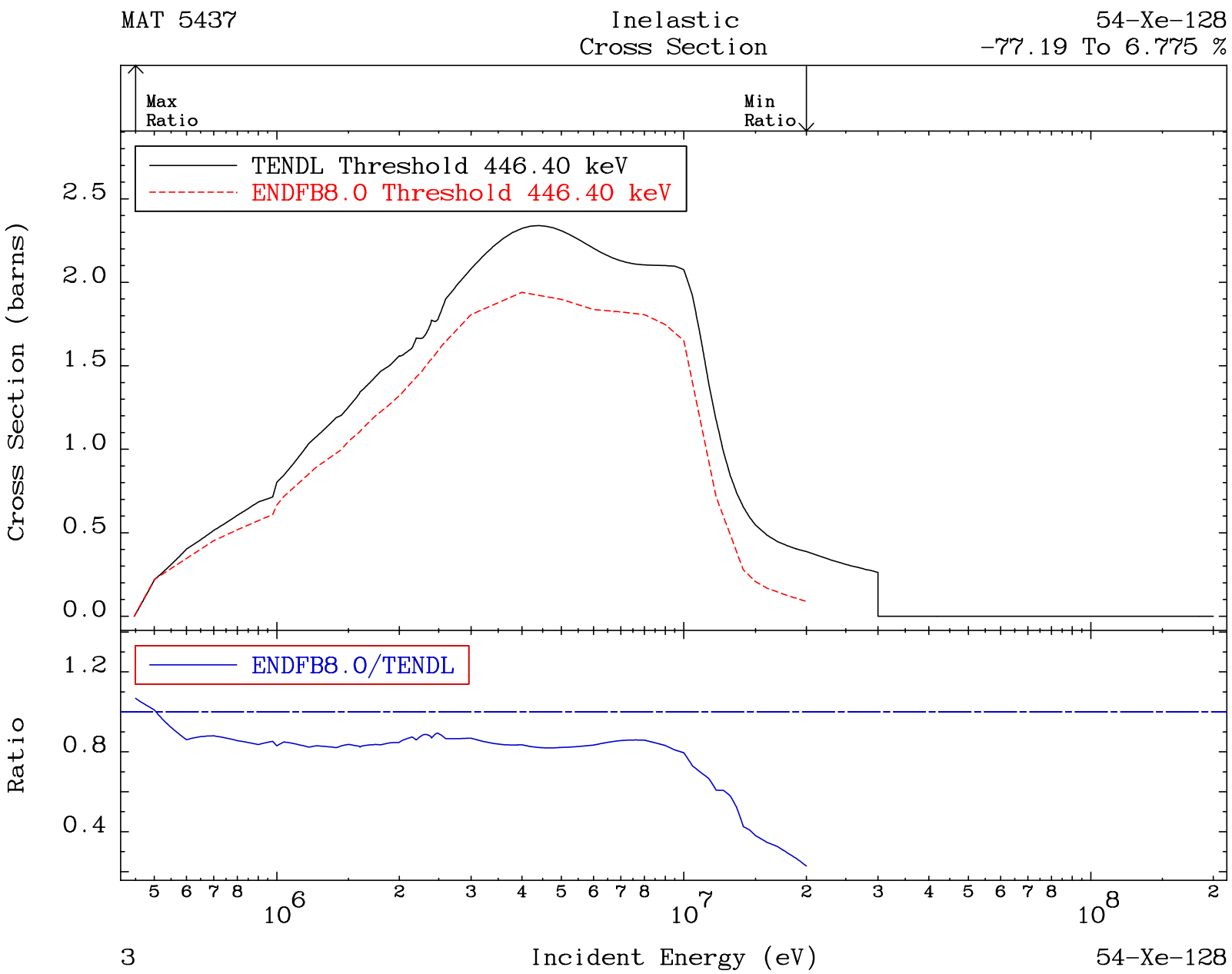
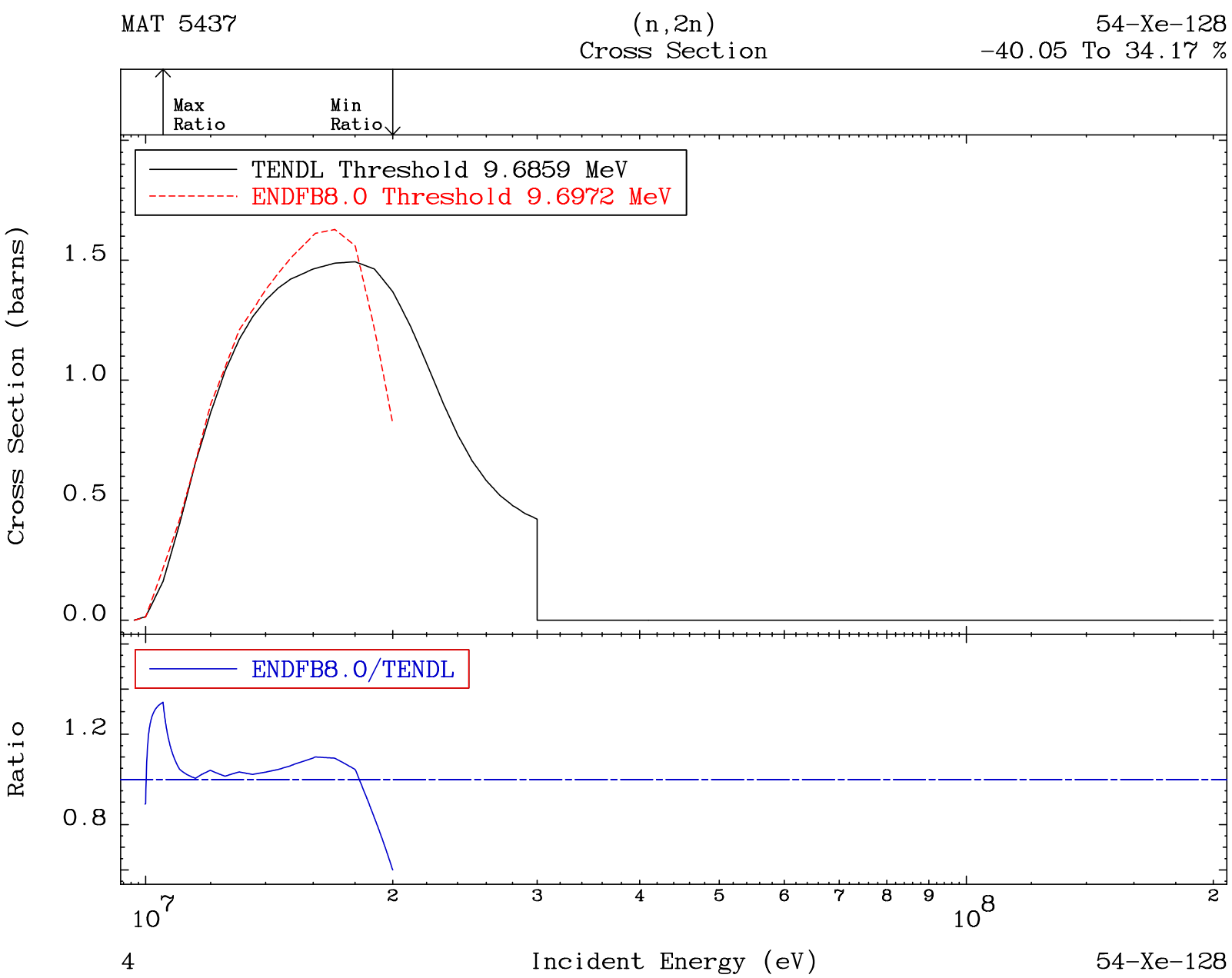
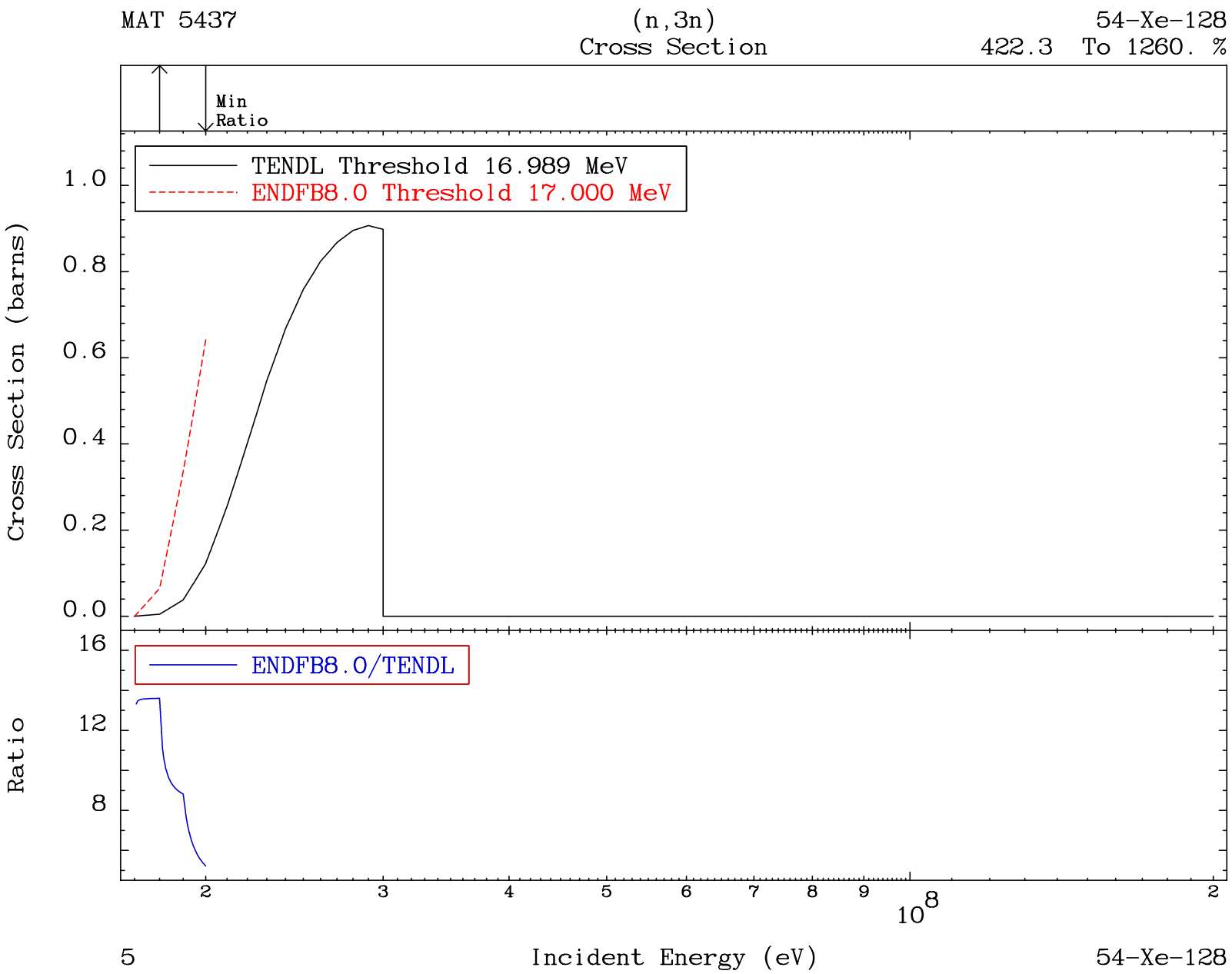
Press Mouse Button to Start

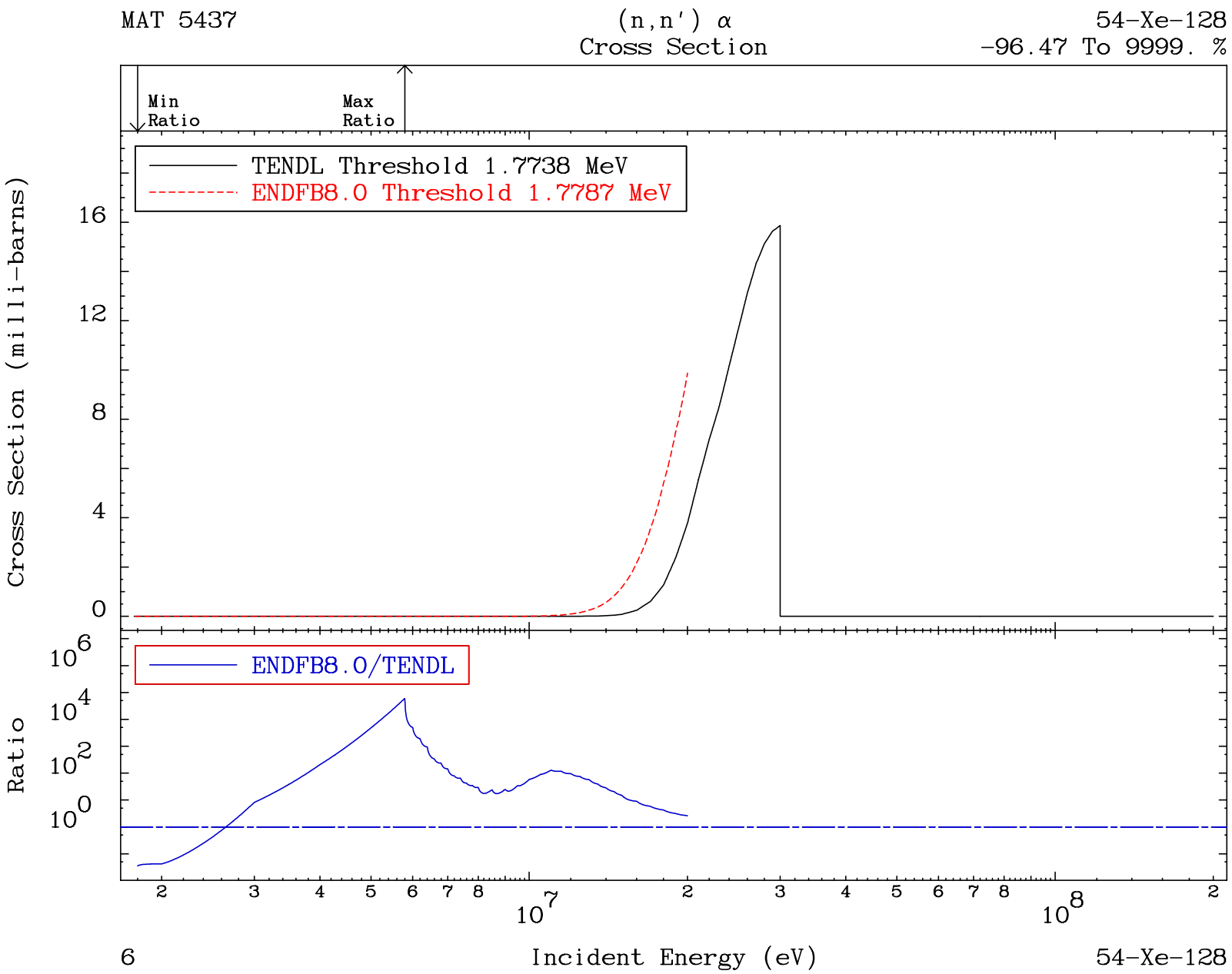

MAT 5437
Total
Cross Section
54-Xe-128
-98.12 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
1
54-Xe-128

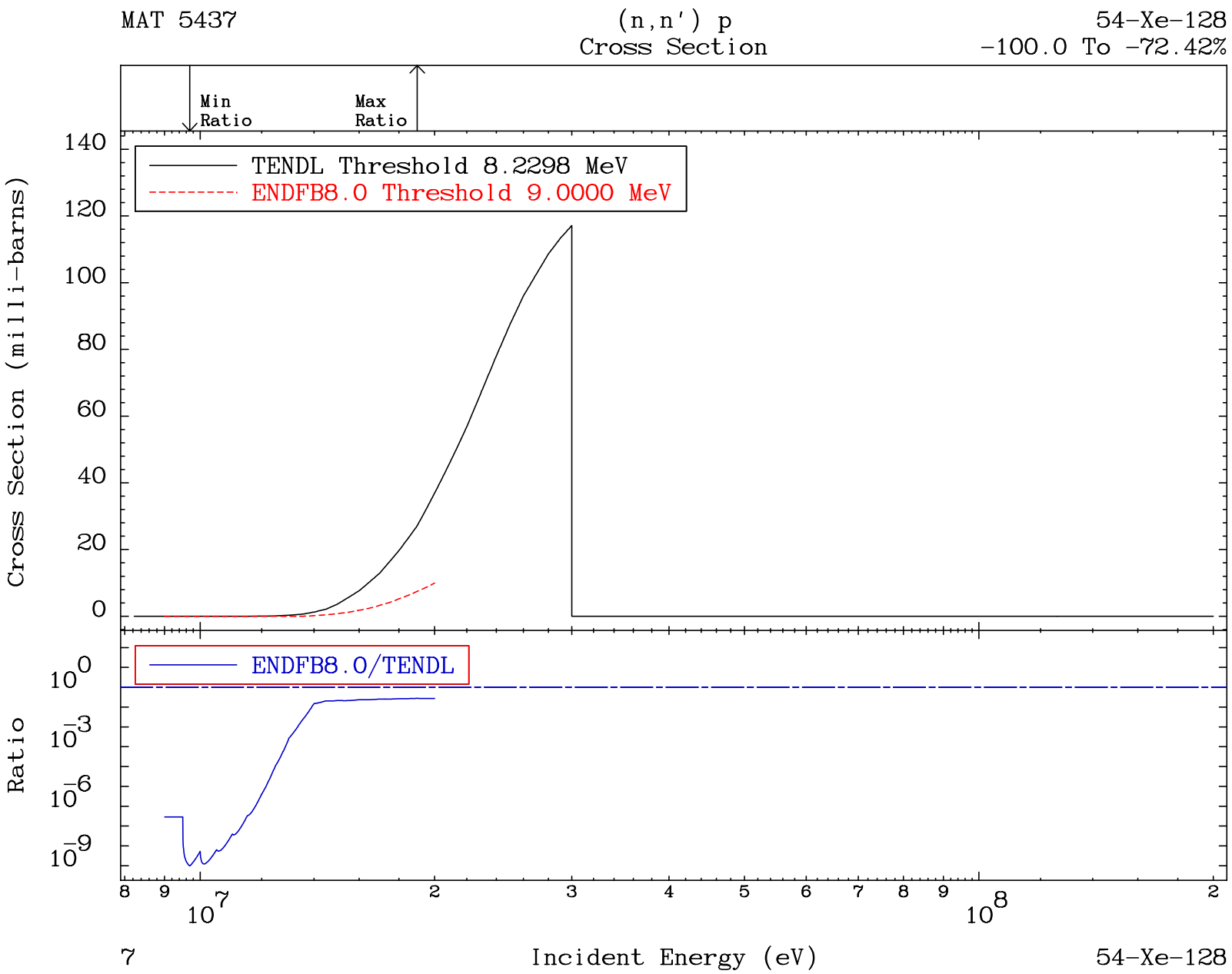

MAT 5437
Elastic
Cross Section
54-Xe-128
-99.77 To 9999. %
Min
Ratio
Max
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
2
54-Xe-128

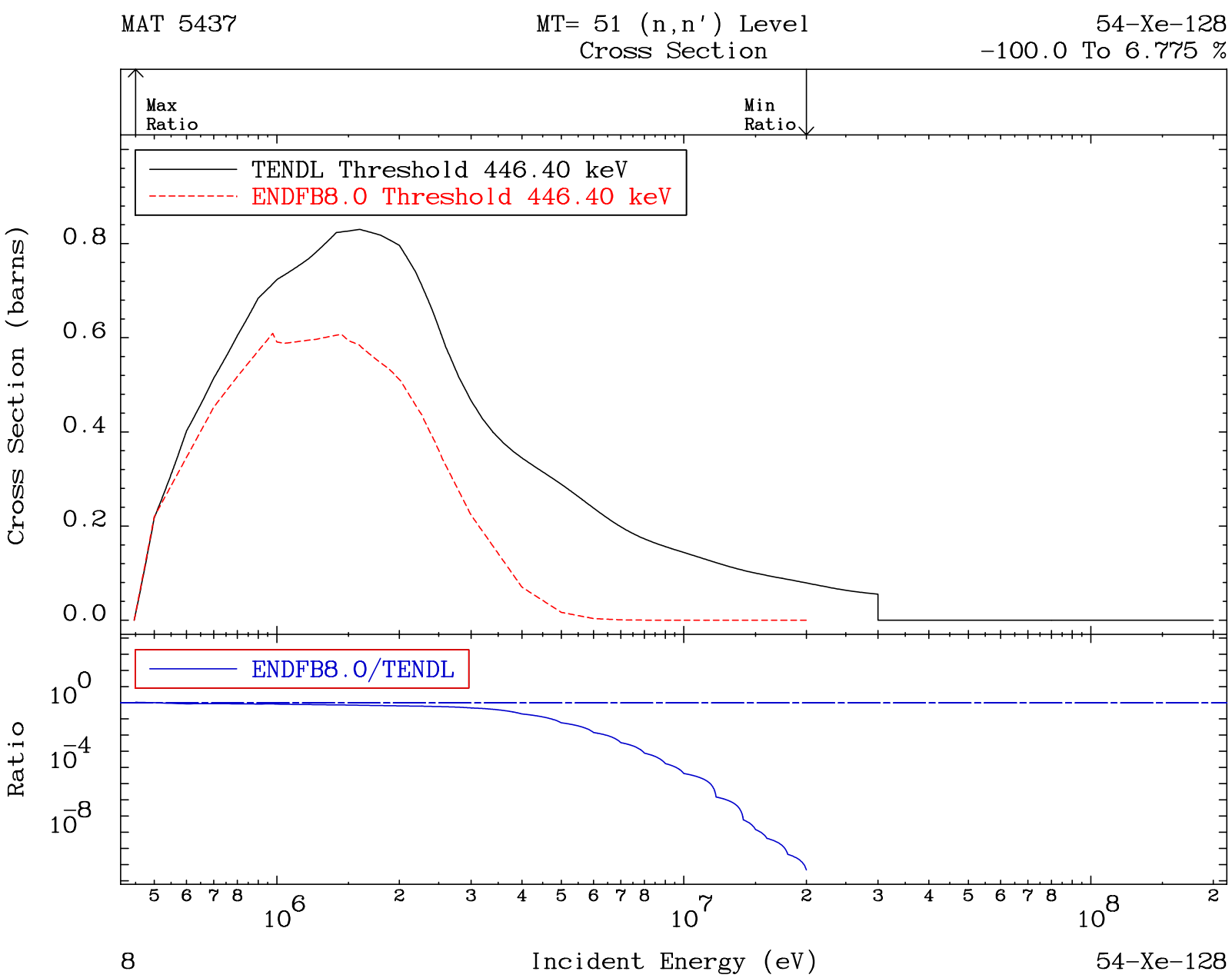

MAT 5437
Inelastic
Cross Section
54-Xe-128
-77.19 To 6.775 %
Max
Ratio
Min
Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
1.2
0.8
0.4
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
3
Incident Energy (eV)
54-Xe-128

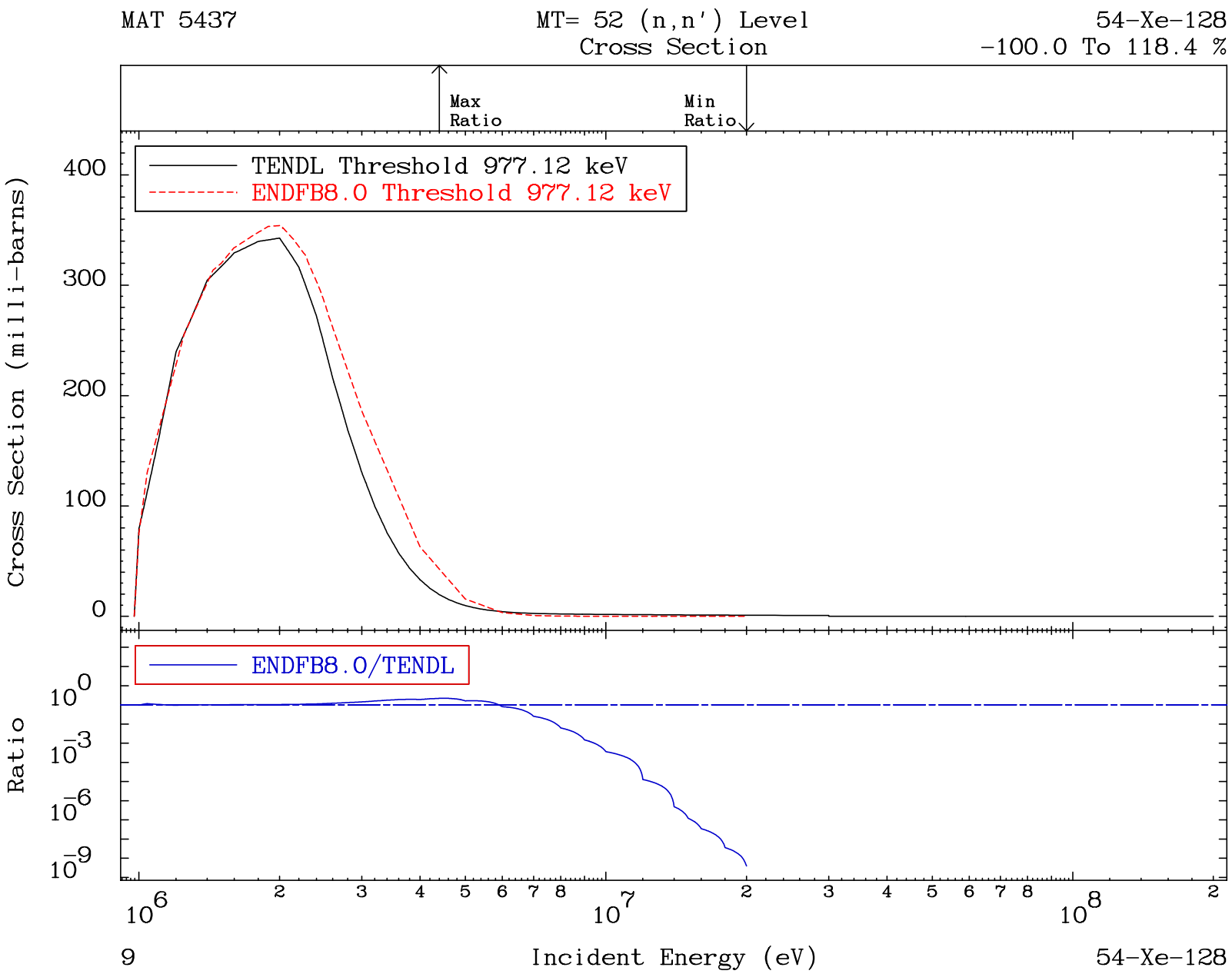

MAT 5437
(n,2n)
Cross Section
54-Xe-128
-40.05 To 34.17 %
Max Ratio
Min Ratio
TENDL Threshold 9.6859 MeV
ENDFB8.0 Threshold 9.6972 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
1.2
0.8
10^7
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
54-Xe-128

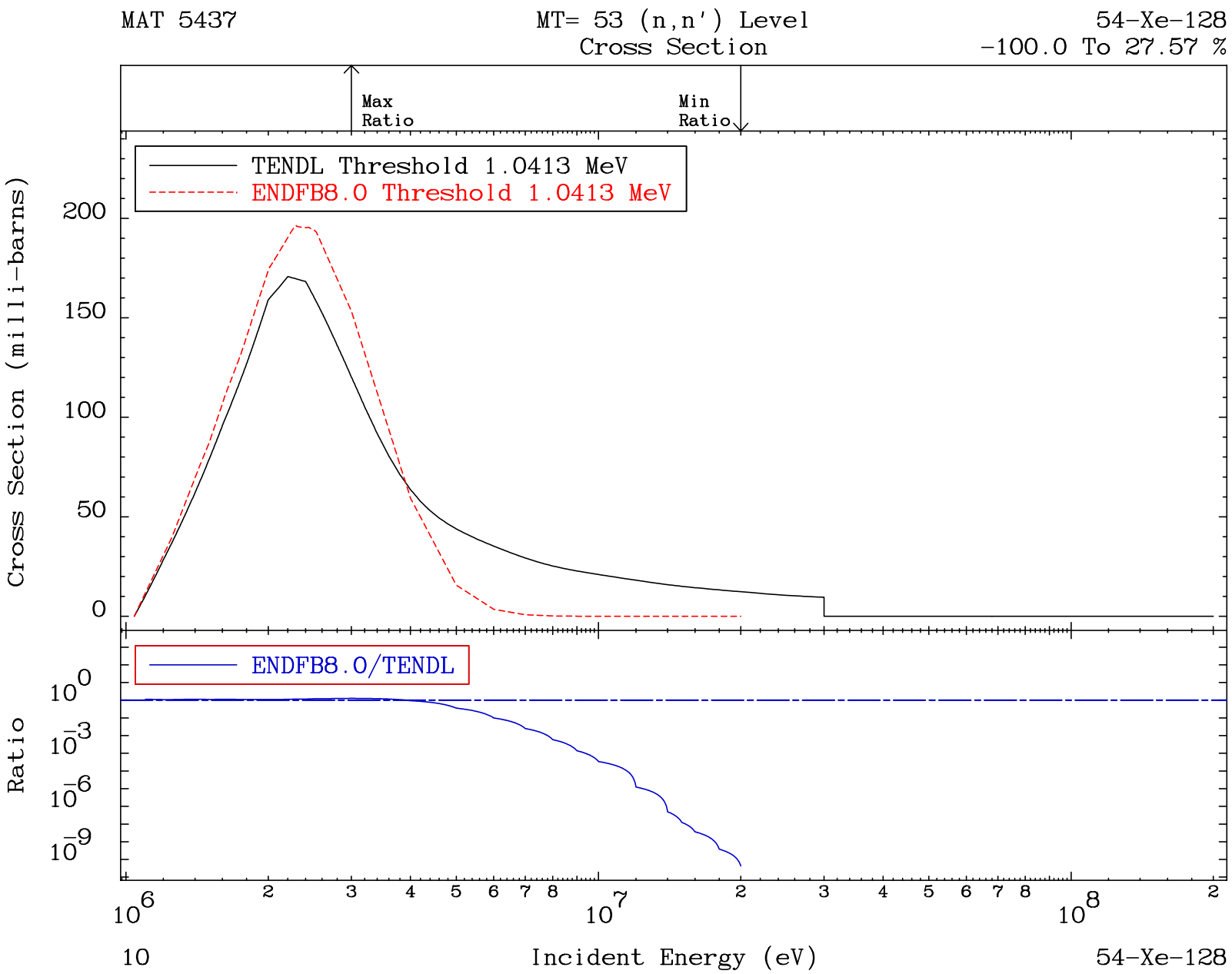

MAT 5437
(n,3n)
Cross Section
54-Xe-128
422.3 To 1260. %
Min
Ratio
TENDL Threshold 16.989 MeV
ENDFB8.0 Threshold 17.000 MeV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
ENDFB8.0/TENDL
Ratio
16
12
8
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
54-Xe-128

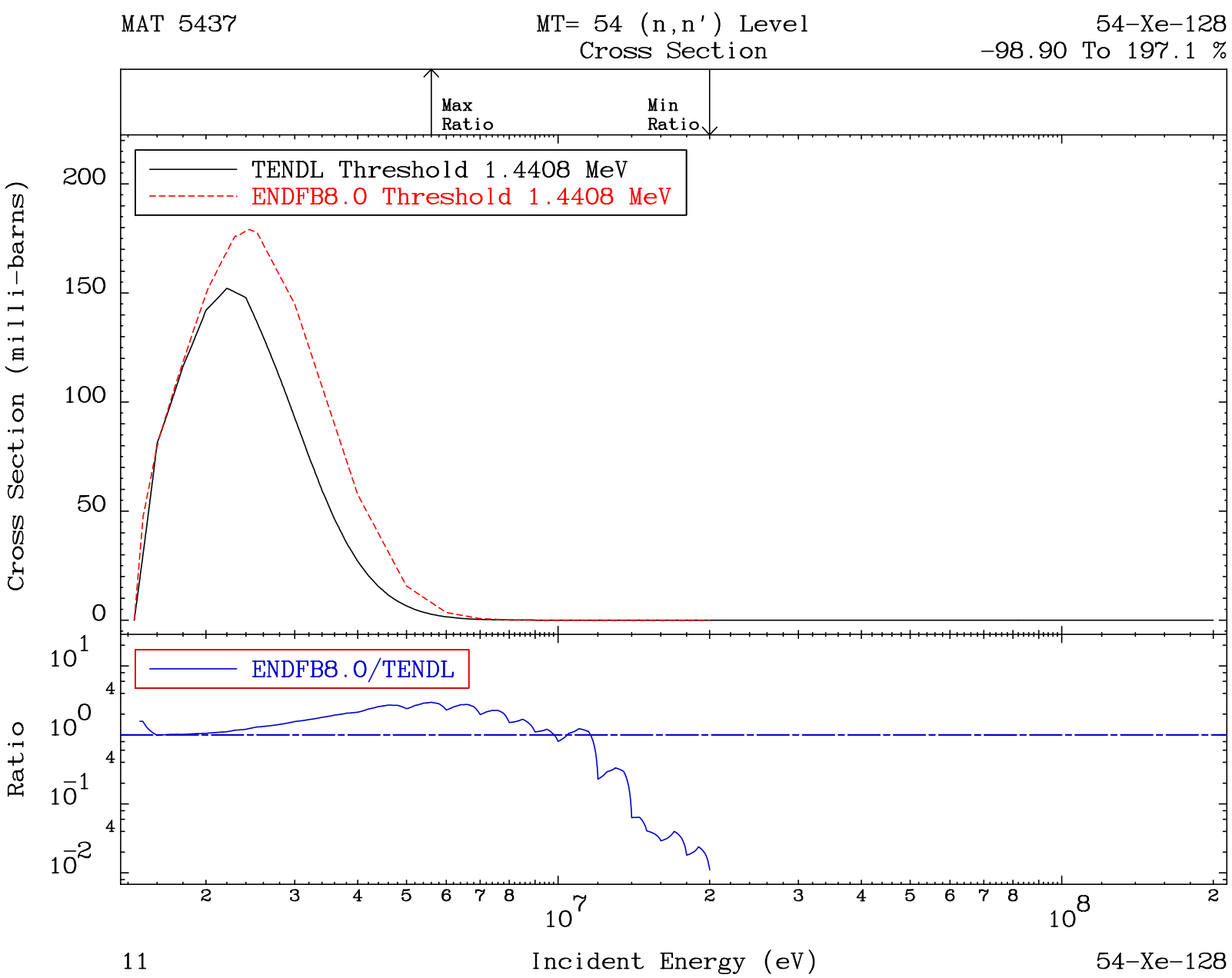

MAT 5437
(n,n') α
Cross Section
54-Xe-128
-96.47 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.7738 MeV
ENDFB8.0 Threshold 1.7787 MeV
Cross Section (milli-barns)
16
12
8
4
0
ENDFB8.0/TENDL
Ratio
10^6
10^4
10^2
10^0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
6
Incident Energy (eV)
54-Xe-128

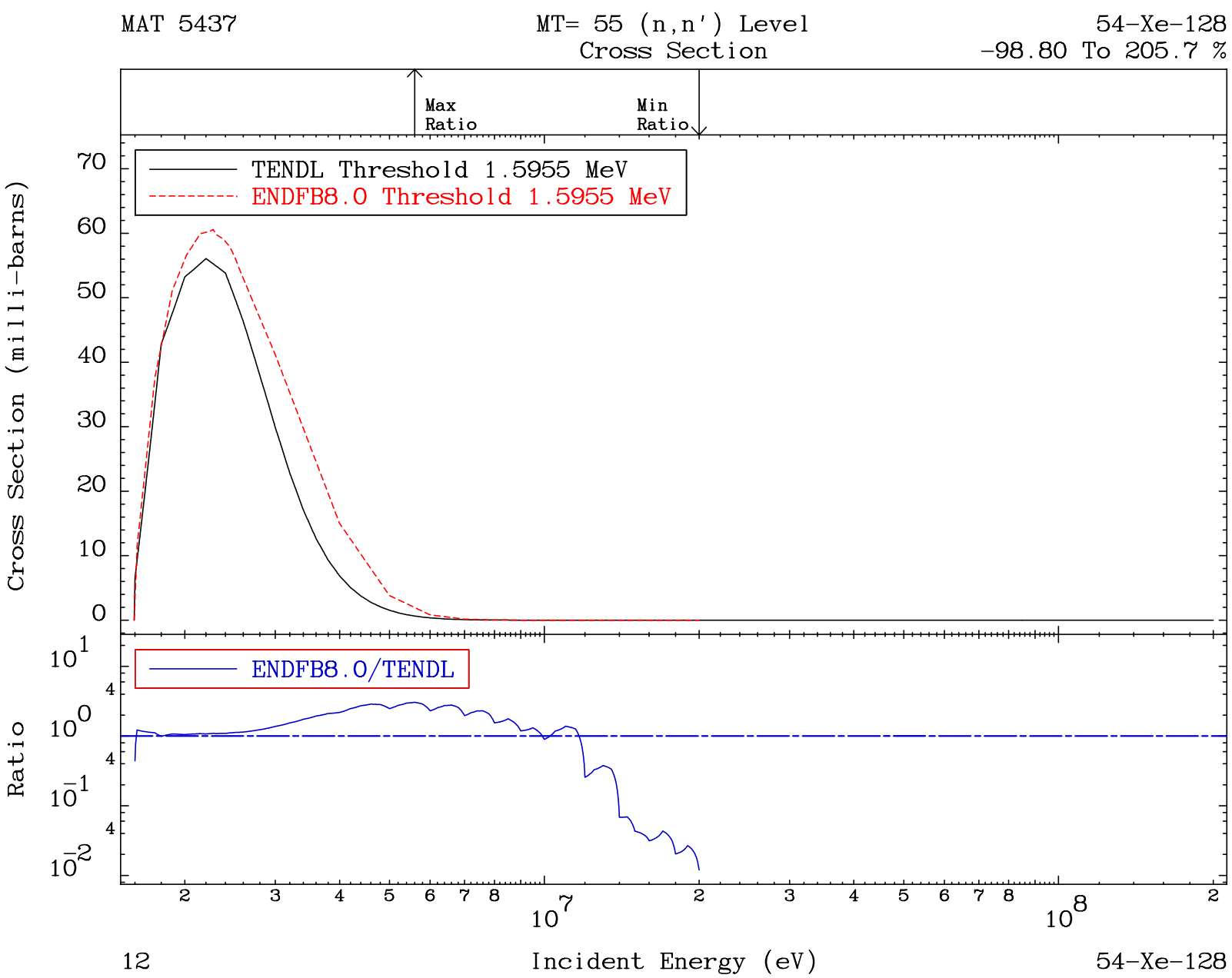

MAT 5437
(n,n') p
Cross Section
54-Xe-128
-100.0 To -72.42%
Min Ratio
Max Ratio
TENDL Threshold 8.2298 MeV
ENDFB8.0 Threshold 9.0000 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
7
Incident Energy (eV)
54-Xe-128

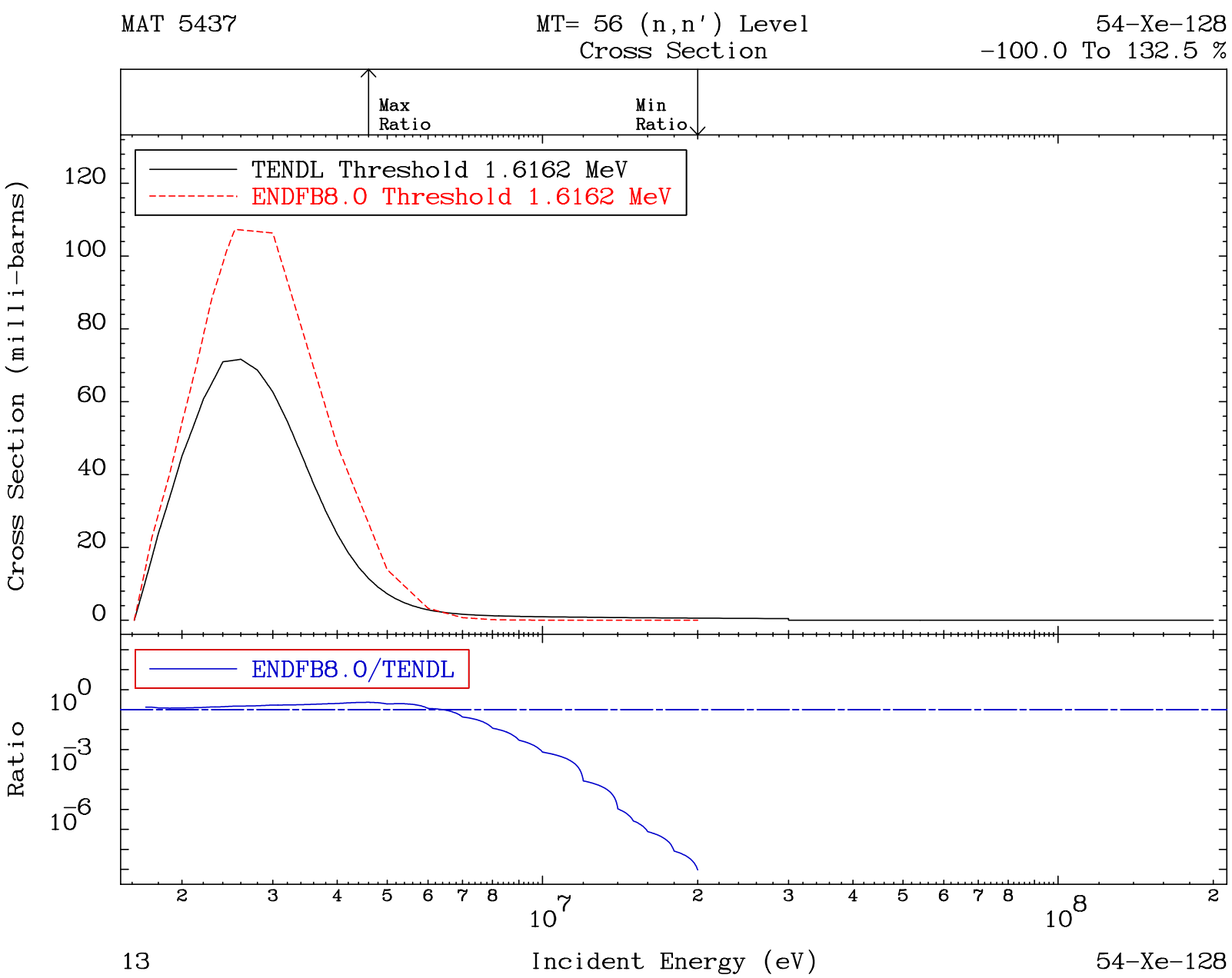

MAT 5437
MT= 51 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 6.775 %
Max
Ratio
Min
Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
0.8
0.6
0.4
0.2
0.0
ENDFB8.0/TENDL
Ratio
10^0
10^-4
10^-8
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
8
Incident Energy (eV)
54-Xe-128

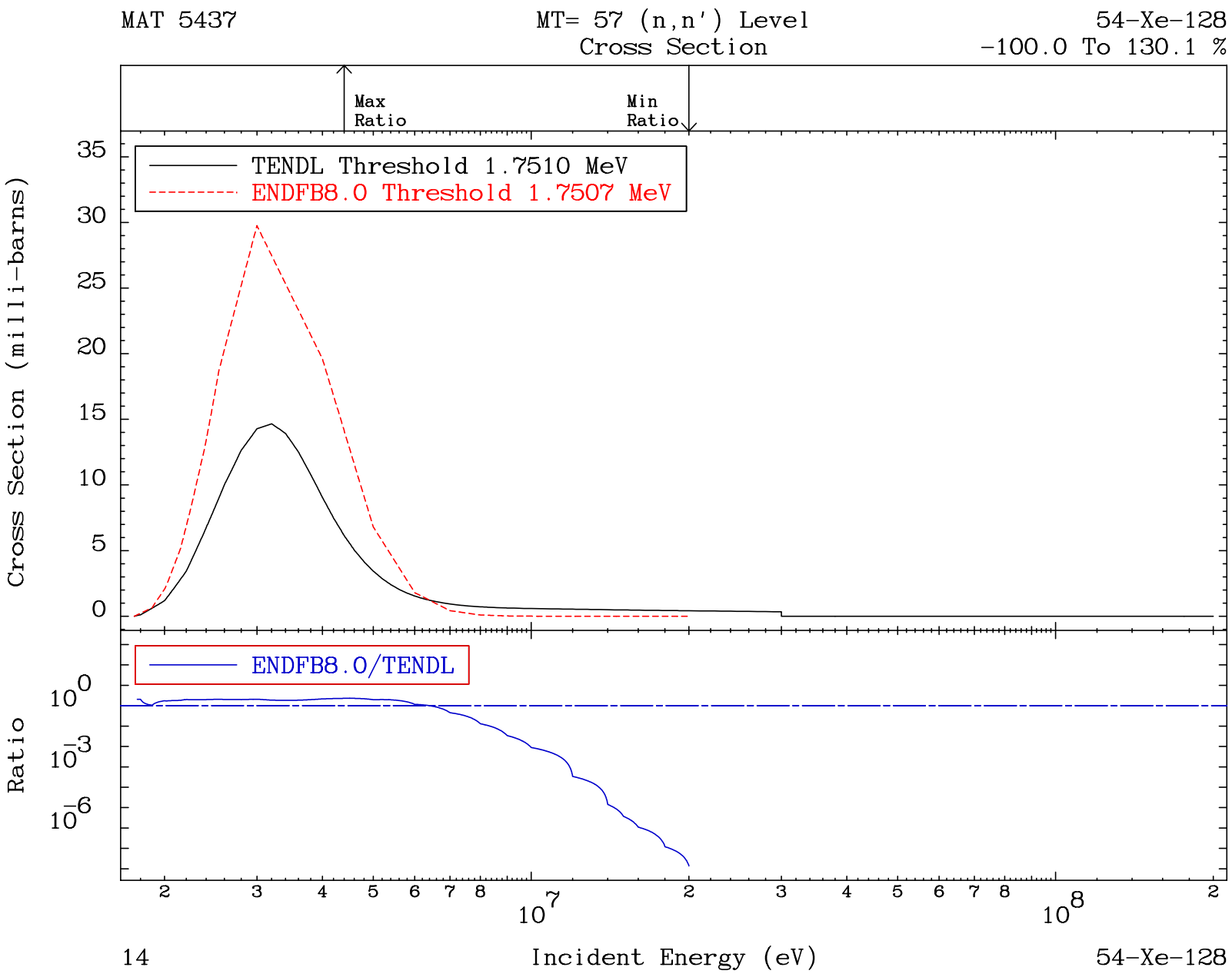

MAT 5437
MT= 52 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 118.4 %
Max
Ratio
Min
Ratio
TENDL Threshold 977.12 keV
ENDFB8.0 Threshold 977.12 keV
Cross Section (milli-barns)
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
9
Incident Energy (eV)
54-Xe-128

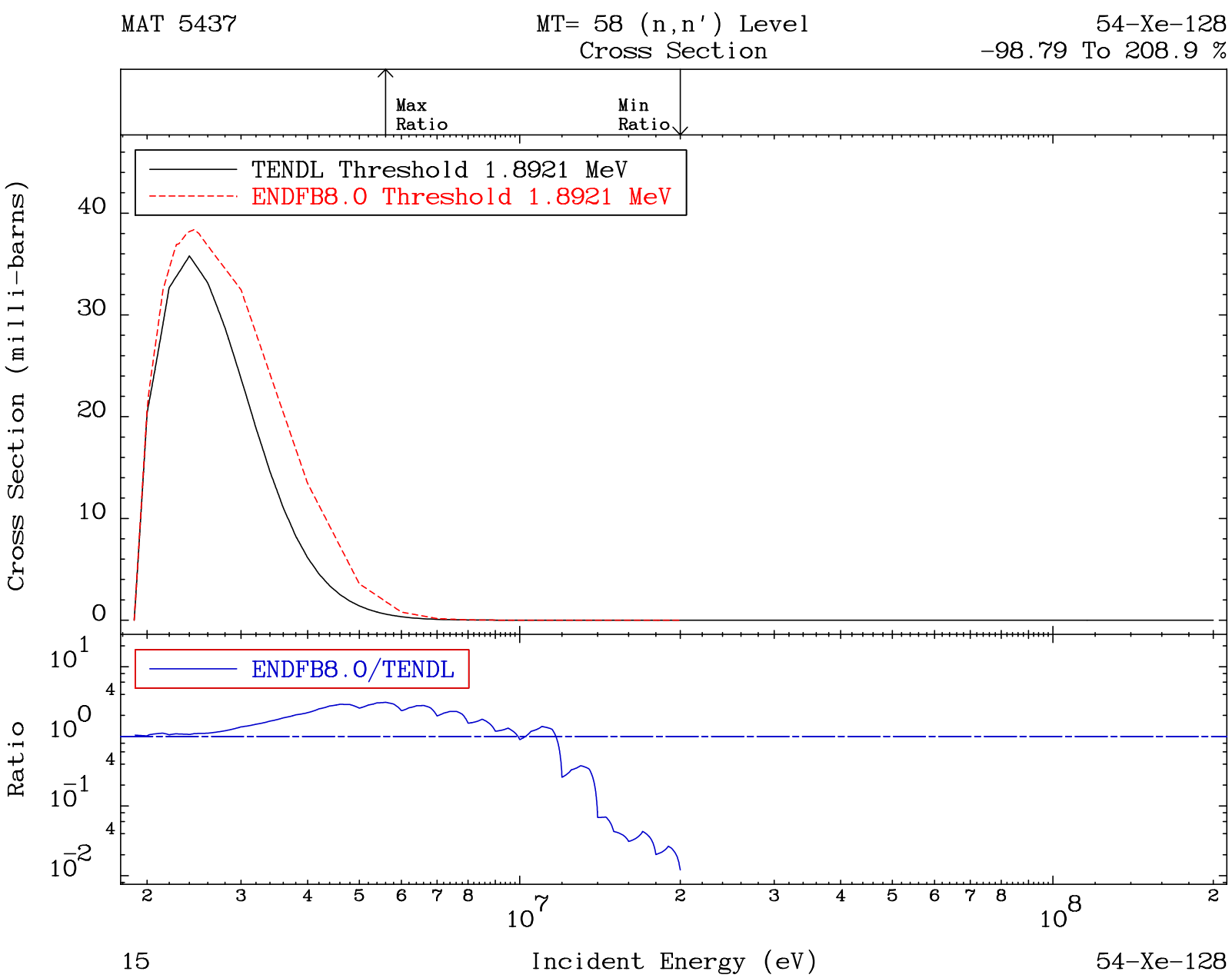

MAT 5437
MT= 53 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 27.57 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.0413 MeV
ENDFB8.0 Threshold 1.0413 MeV
Cross Section (milli-barns)
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
10
Incident Energy (eV)
54-Xe-128

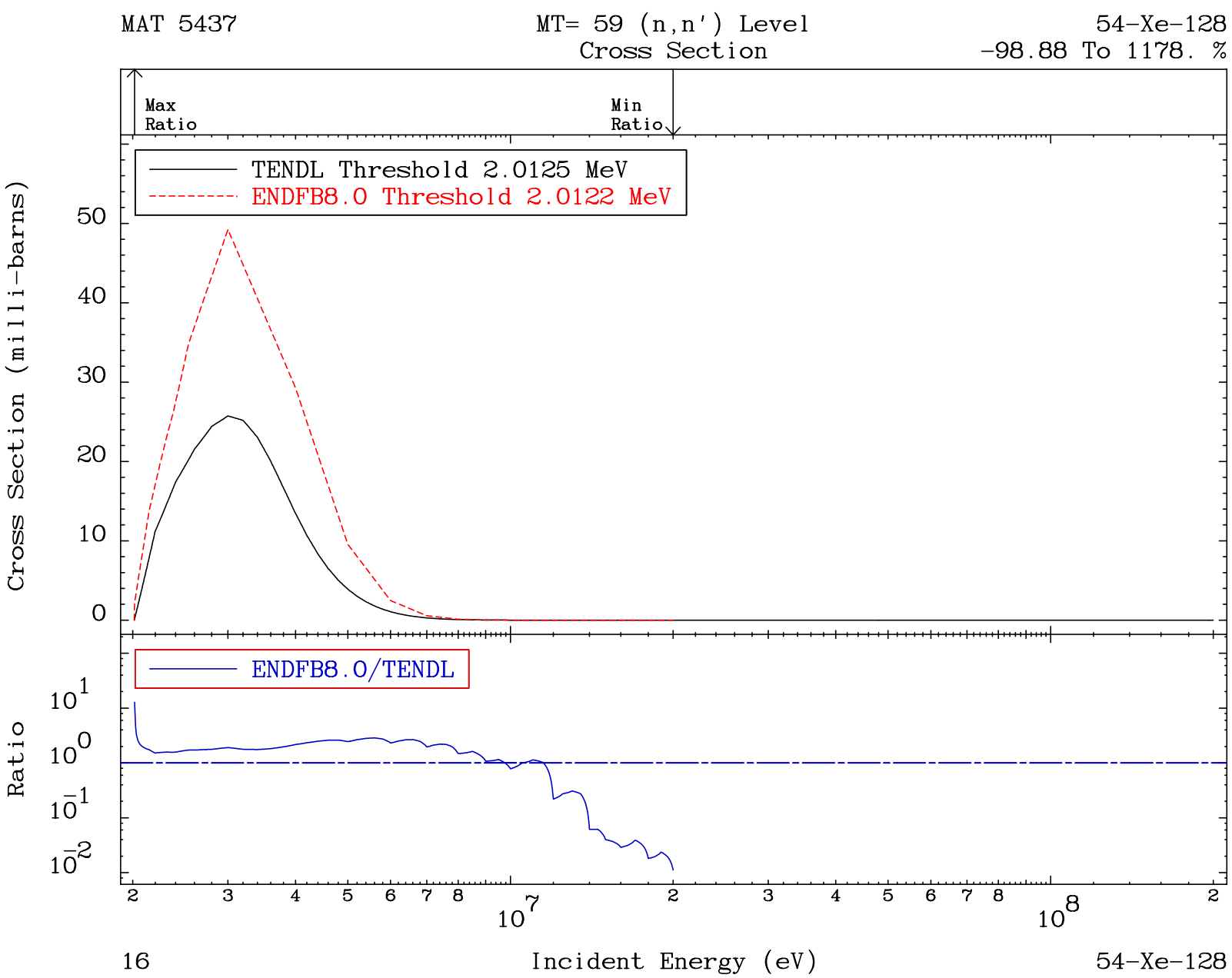

MAT 5437
MT= 54 (n,n') Level
Cross Section
54-Xe-128
-98.90 To 197.1 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.4408 MeV
ENDFB8.0 Threshold 1.4408 MeV
Cross Section (milli-barns)
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^1
10^0
10^-1
10^-2
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
11
Incident Energy (eV)
54-Xe-128

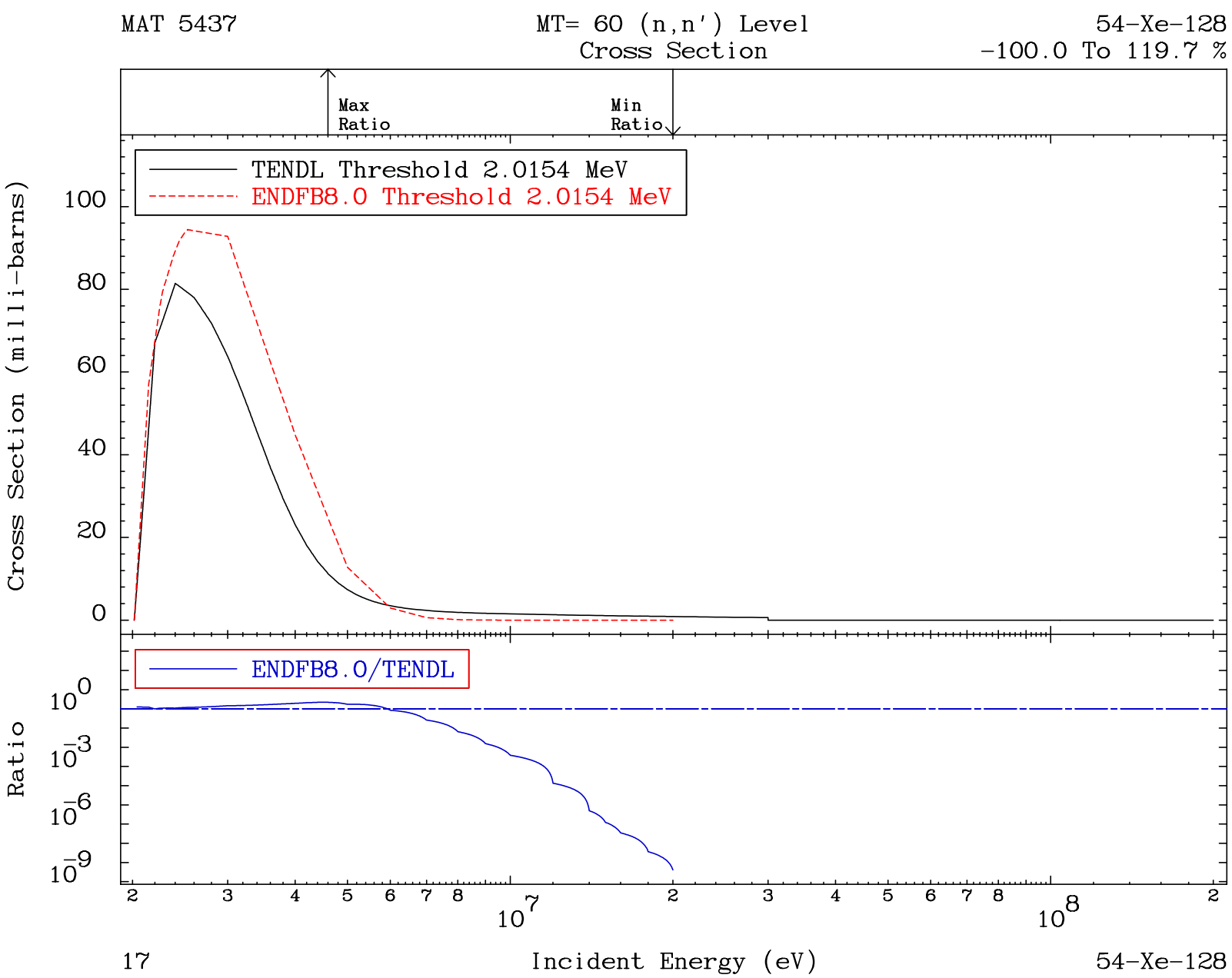

MAT 5437
MT= 55 (n,n') Level
Cross Section
54-Xe-128
-98.80 To 205.7 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.5955 MeV
ENDFB8.0 Threshold 1.5955 MeV
Cross Section (milli-barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
12
54-Xe-128

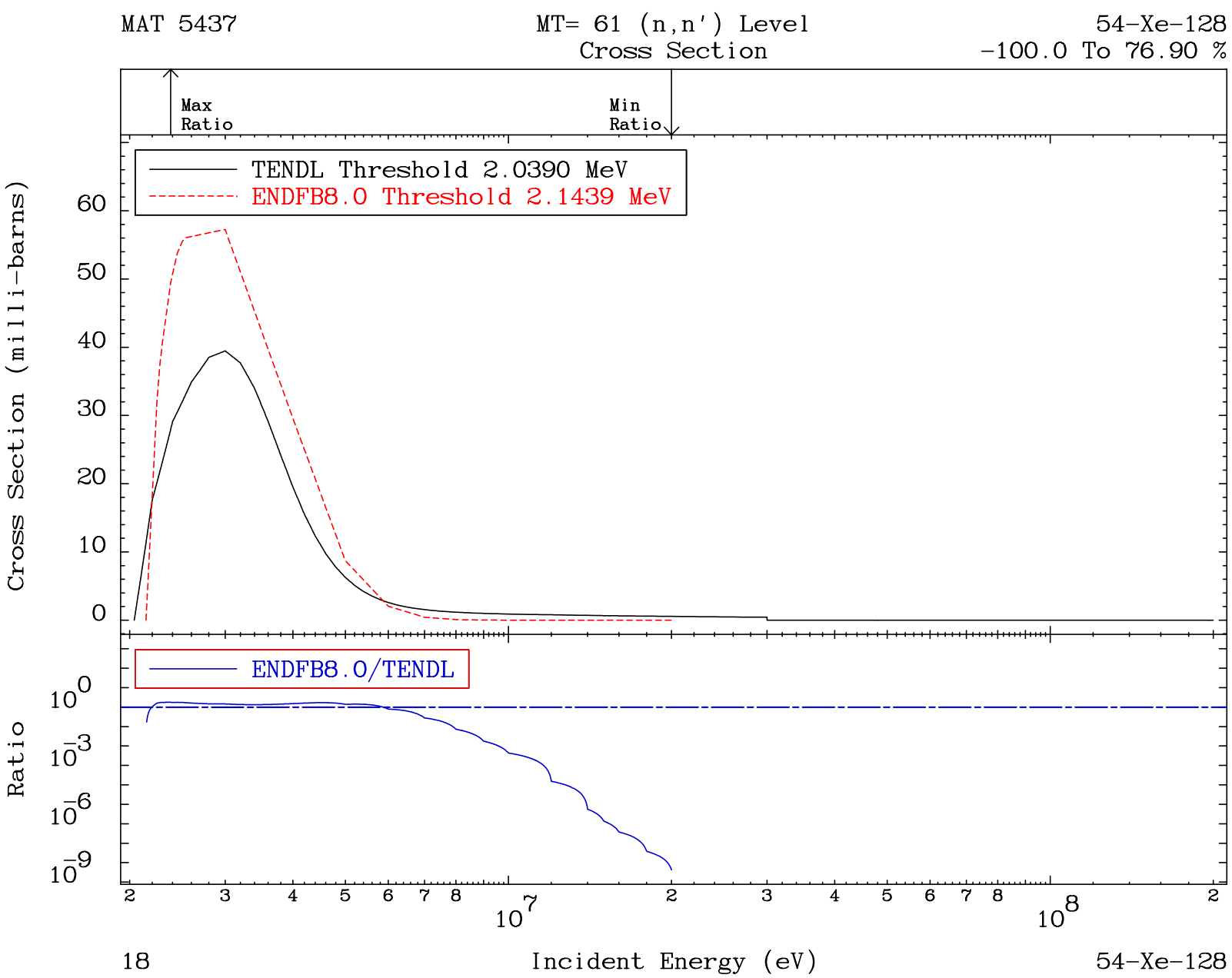

MAT 5437
MT= 56 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 132.5 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.6162 MeV
ENDFB8.0 Threshold 1.6162 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
13
Incident Energy (eV)
54-Xe-128

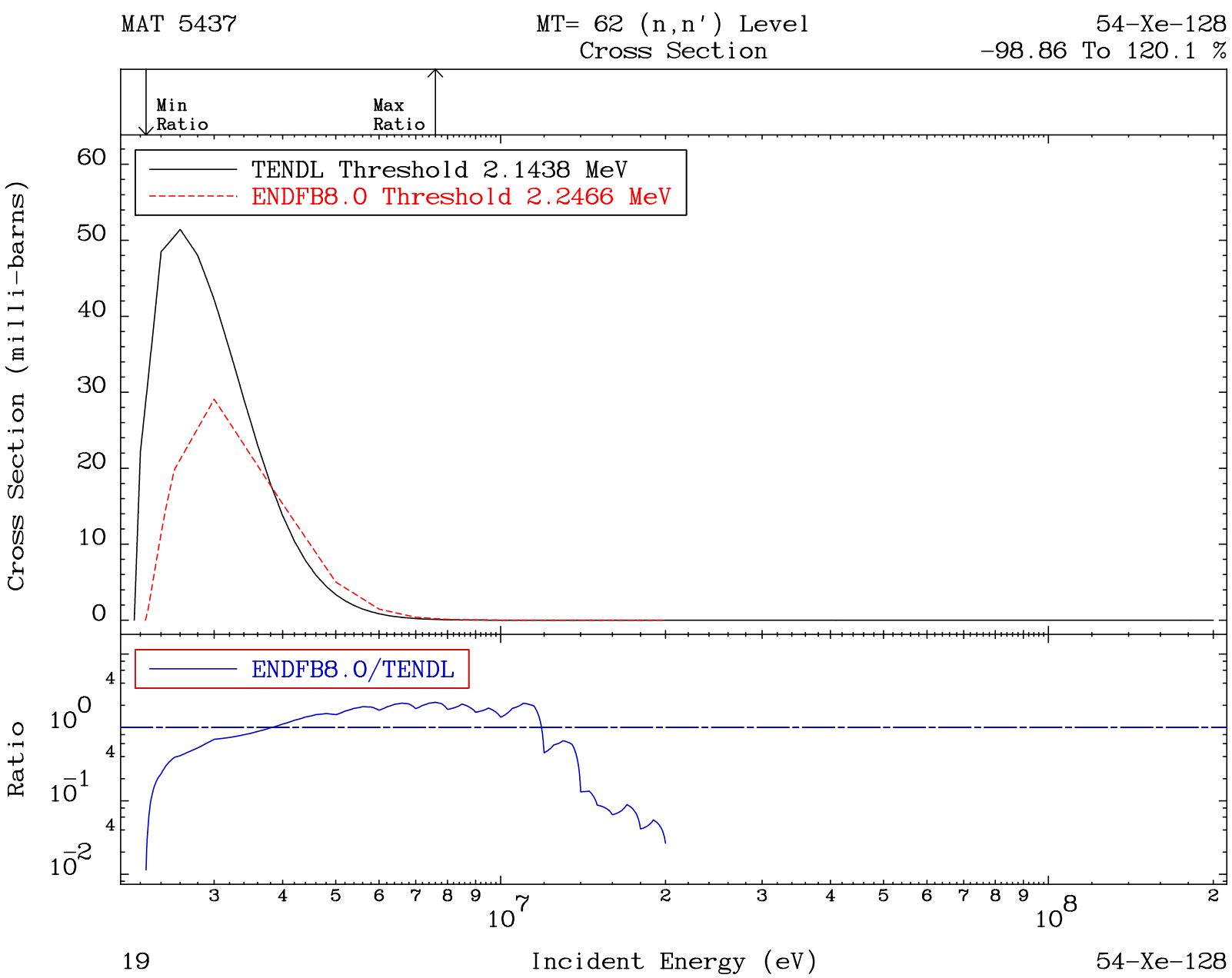

MAT 5437
MT= 57 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 130.1 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.7510 MeV
ENDFB8.0 Threshold 1.7507 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
14
Incident Energy (eV)
54-Xe-128

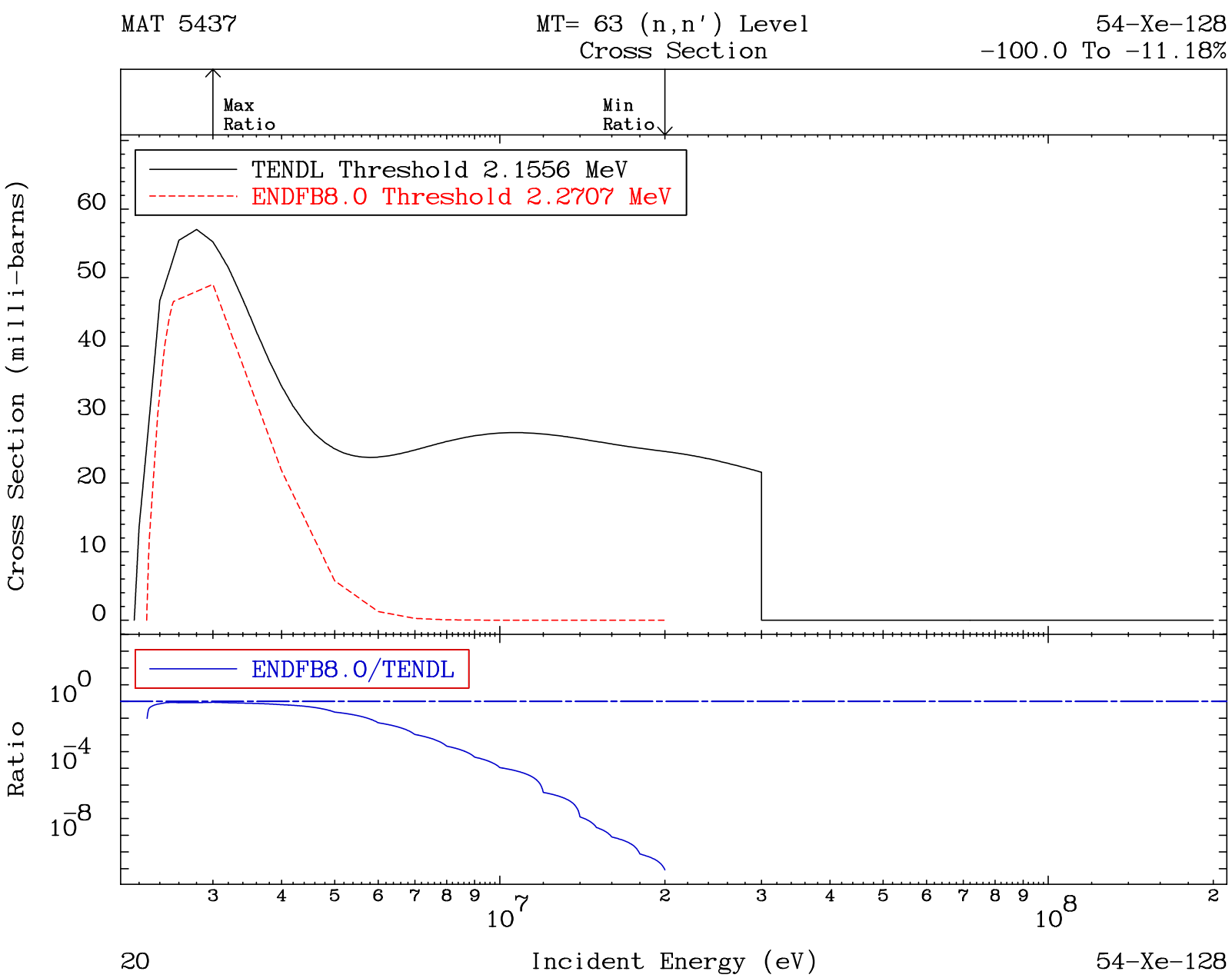

MAT 5437
MT= 58 (n,n') Level
Cross Section
54-Xe-128
-98.79 To 208.9 %
Max
Ratio
Min
Ratio
TENDL Threshold 1.8921 MeV
ENDFB8.0 Threshold 1.8921 MeV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^1
10^0
10^-1
10^-2
2
3
4
5
6
7
8
10^7
10^8
15
Incident Energy (eV)
54-Xe-128

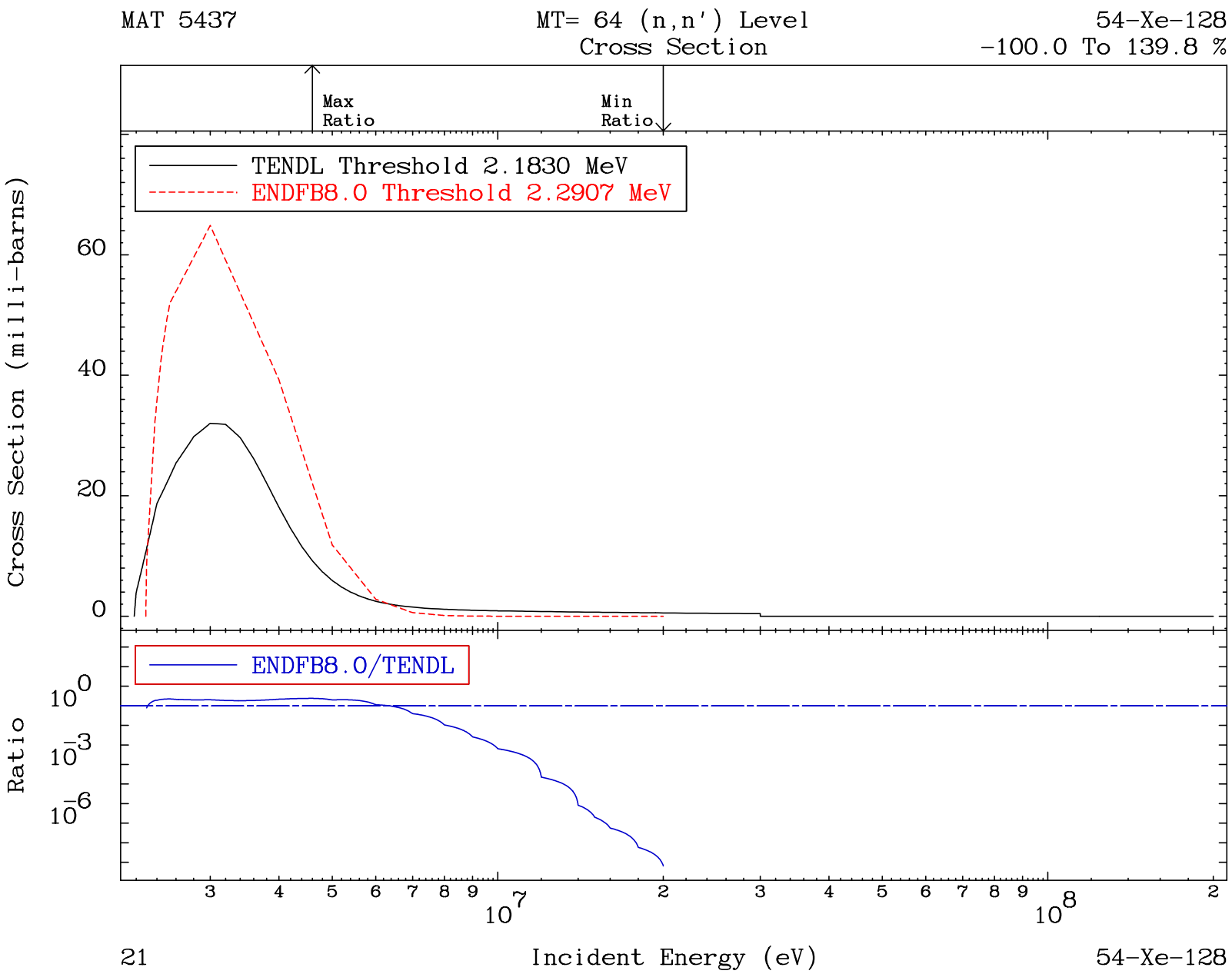

MAT 5437
MT= 59 (n,n') Level
Cross Section
54-Xe-128
-98.88 To 1178. %
Max
Ratio
Min
Ratio
TENDL Threshold 2.0125 MeV
ENDFB8.0 Threshold 2.0122 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^1
10^0
10^-1
10^-2
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
16
Incident Energy (eV)
54-Xe-128

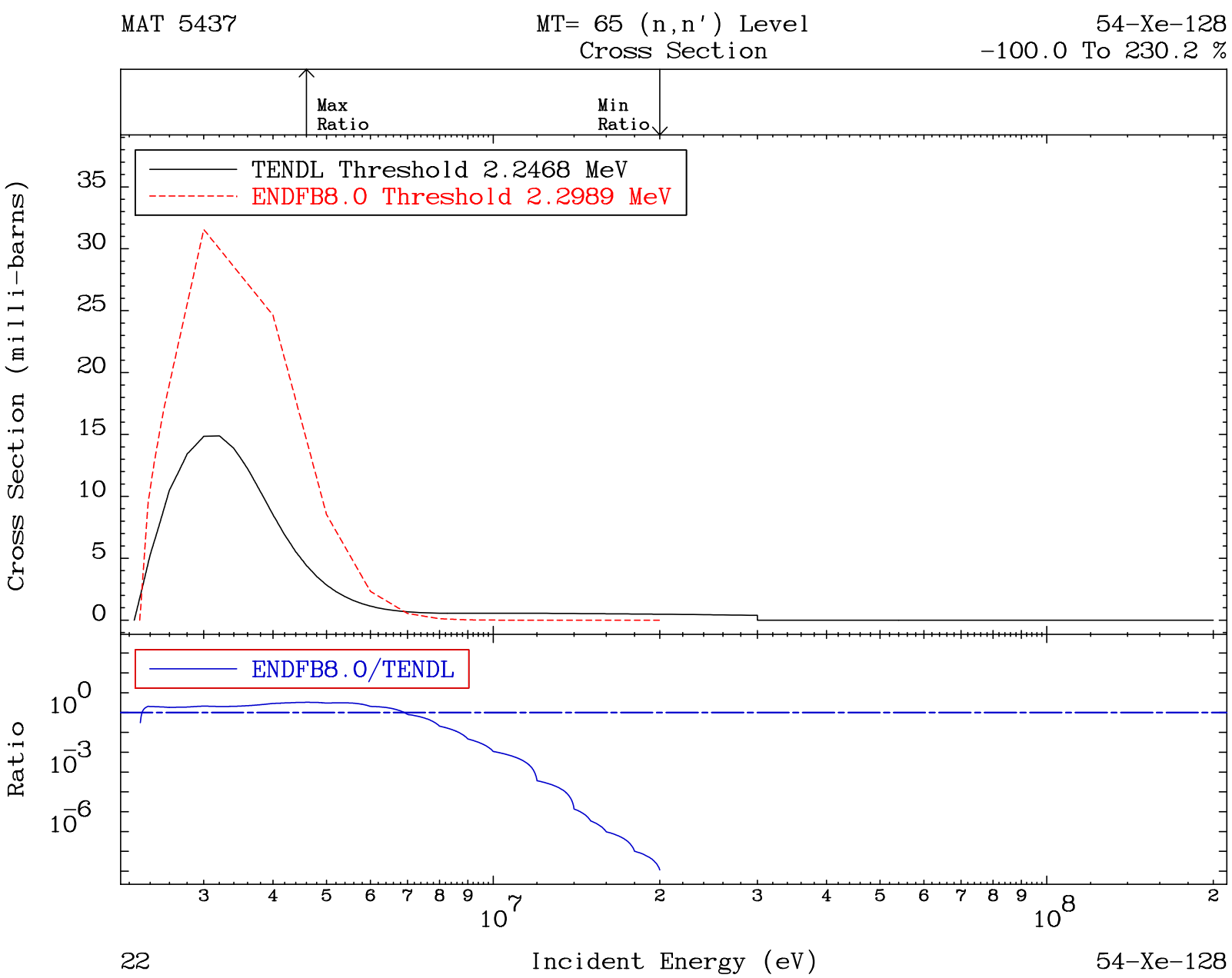

MAT 5437
MT= 60 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 119.7 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.0154 MeV
ENDFB8.0 Threshold 2.0154 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
17
Incident Energy (eV)
54-Xe-128

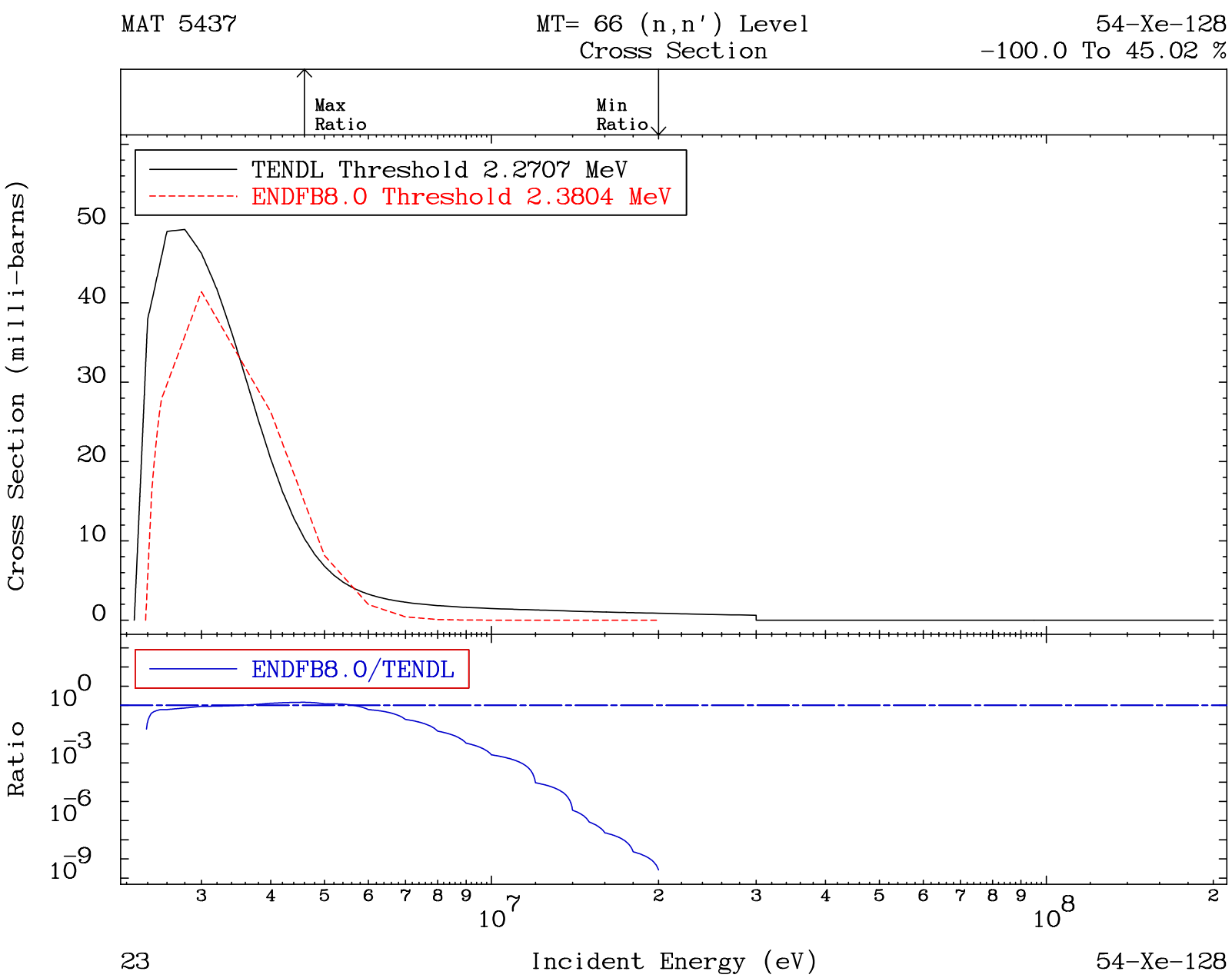

MAT 5437
MT= 61 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 76.90 %
Max Ratio
Min Ratio
TENDL Threshold 2.0390 MeV
ENDFB8.0 Threshold 2.1439 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
18
Incident Energy (eV)
54-Xe-128

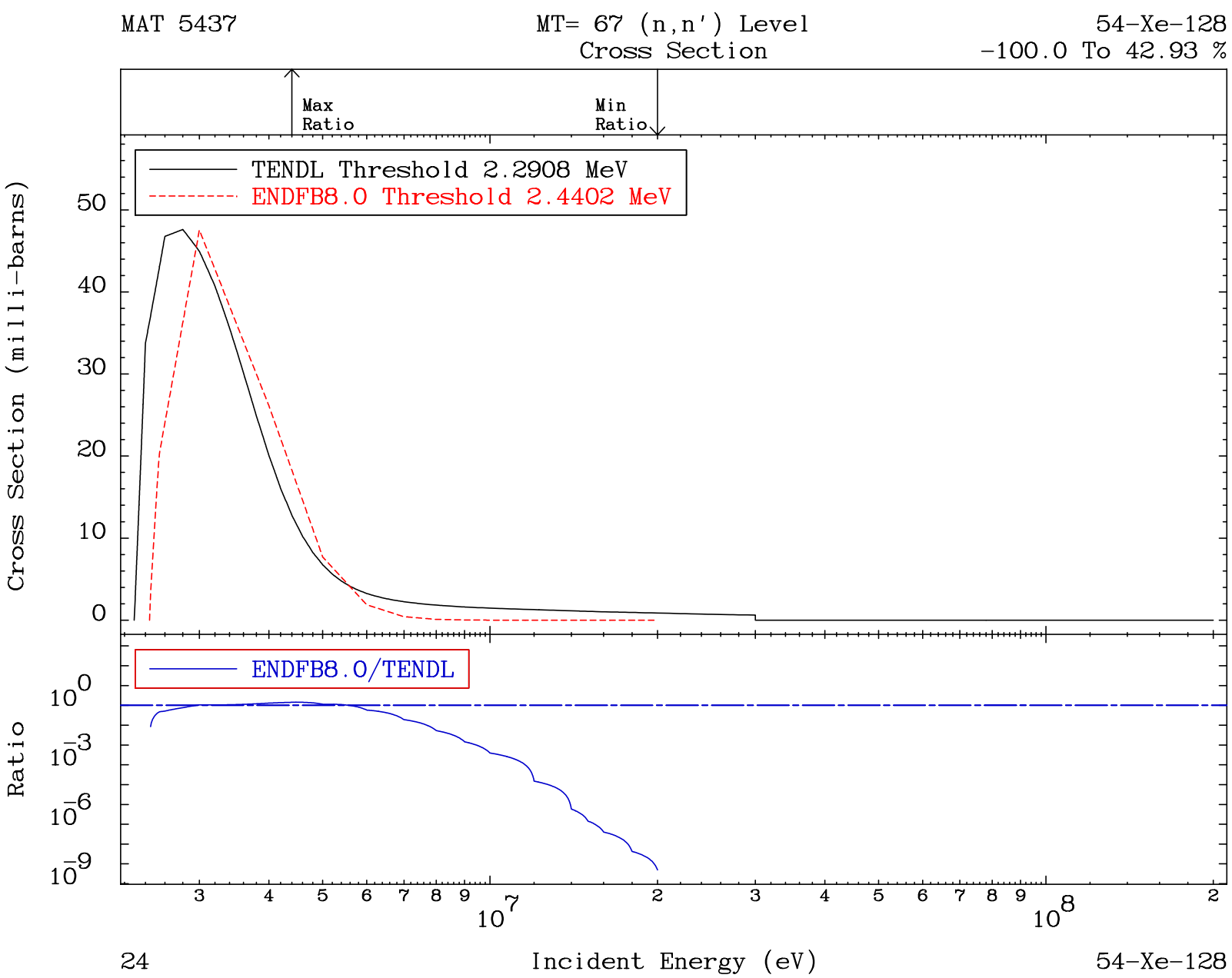

MAT 5437
MT= 62 (n,n') Level
Cross Section
54-Xe-128
-98.86 To 120.1 %
Min Ratio
Max Ratio
TENDL Threshold 2.1438 MeV
ENDFB8.0 Threshold 2.2466 MeV
Cross Section (milli-barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
19
54-Xe-128

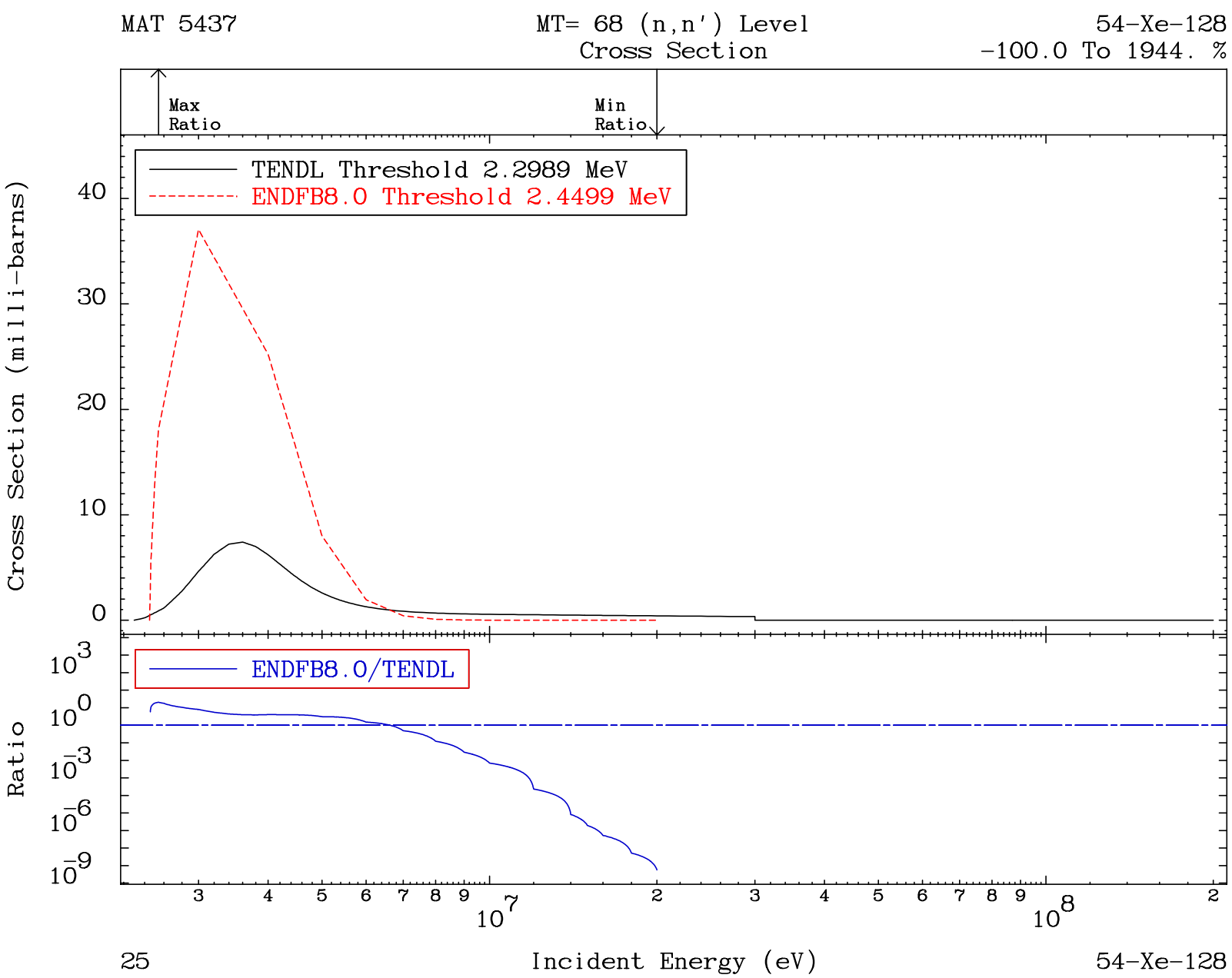

MAT 5437
MT= 63 (n,n') Level
Cross Section
54-Xe-128
-100.0 To -11.18%
Max
Ratio
Min
Ratio
TENDL Threshold 2.1556 MeV
ENDFB8.0 Threshold 2.2707 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-4
10^-8
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
20
Incident Energy (eV)
54-Xe-128

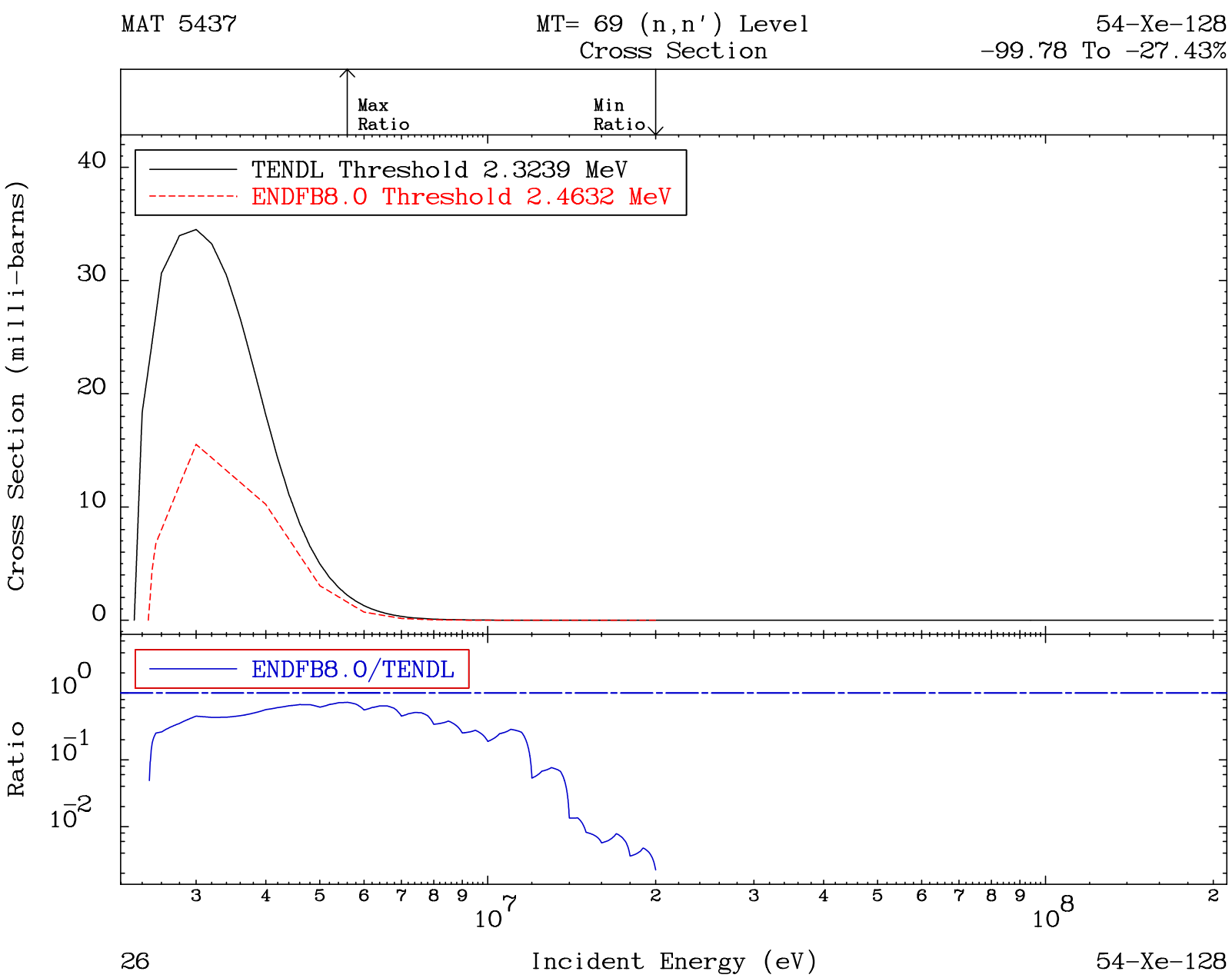

MAT 5437
MT= 64 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 139.8 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.1830 MeV
ENDFB8.0 Threshold 2.2907 MeV
Cross Section (milli-barns)
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
21
Incident Energy (eV)
54-Xe-128

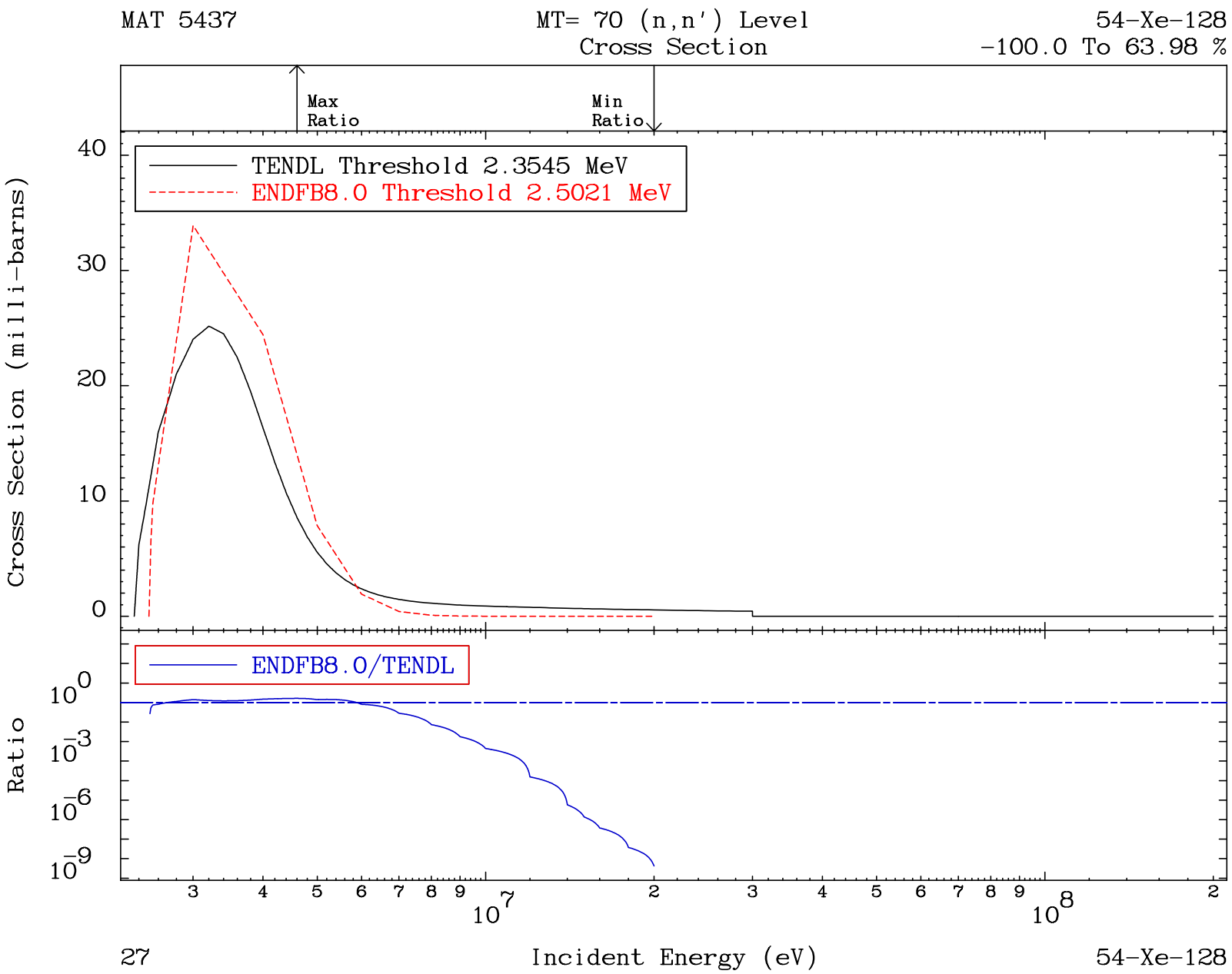

MAT 5437
MT= 65 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 230.2 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.2468 MeV
ENDFB8.0 Threshold 2.2989 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
22
Incident Energy (eV)
54-Xe-128

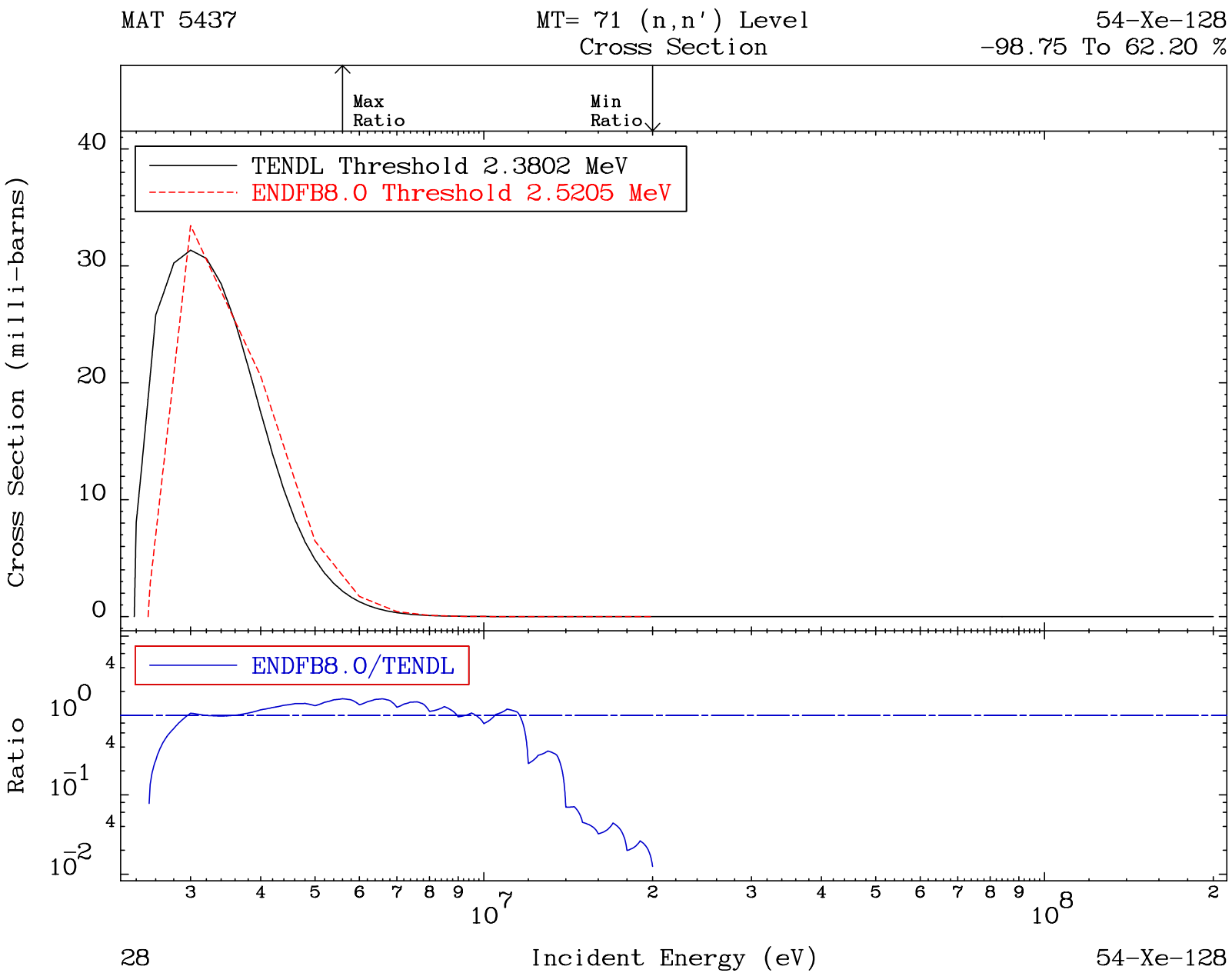

MAT 5437
MT= 66 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 45.02 %
Max Ratio
Min Ratio
TENDL Threshold 2.2707 MeV
ENDFB8.0 Threshold 2.3804 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
23
Incident Energy (eV)
54-Xe-128

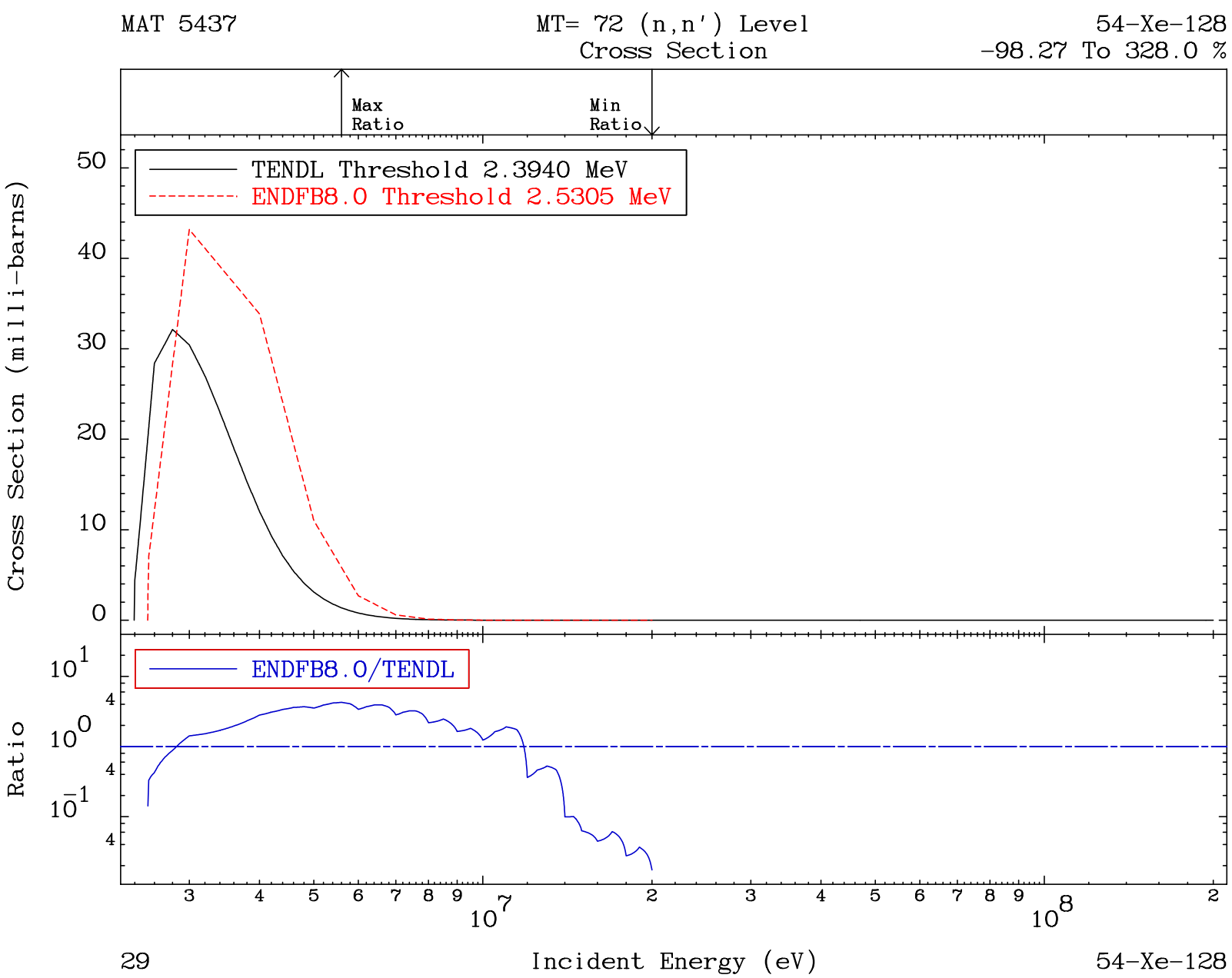

MAT 5437
MT= 67 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 42.93 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.2908 MeV
ENDFB8.0 Threshold 2.4402 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
24
Incident Energy (eV)
54-Xe-128

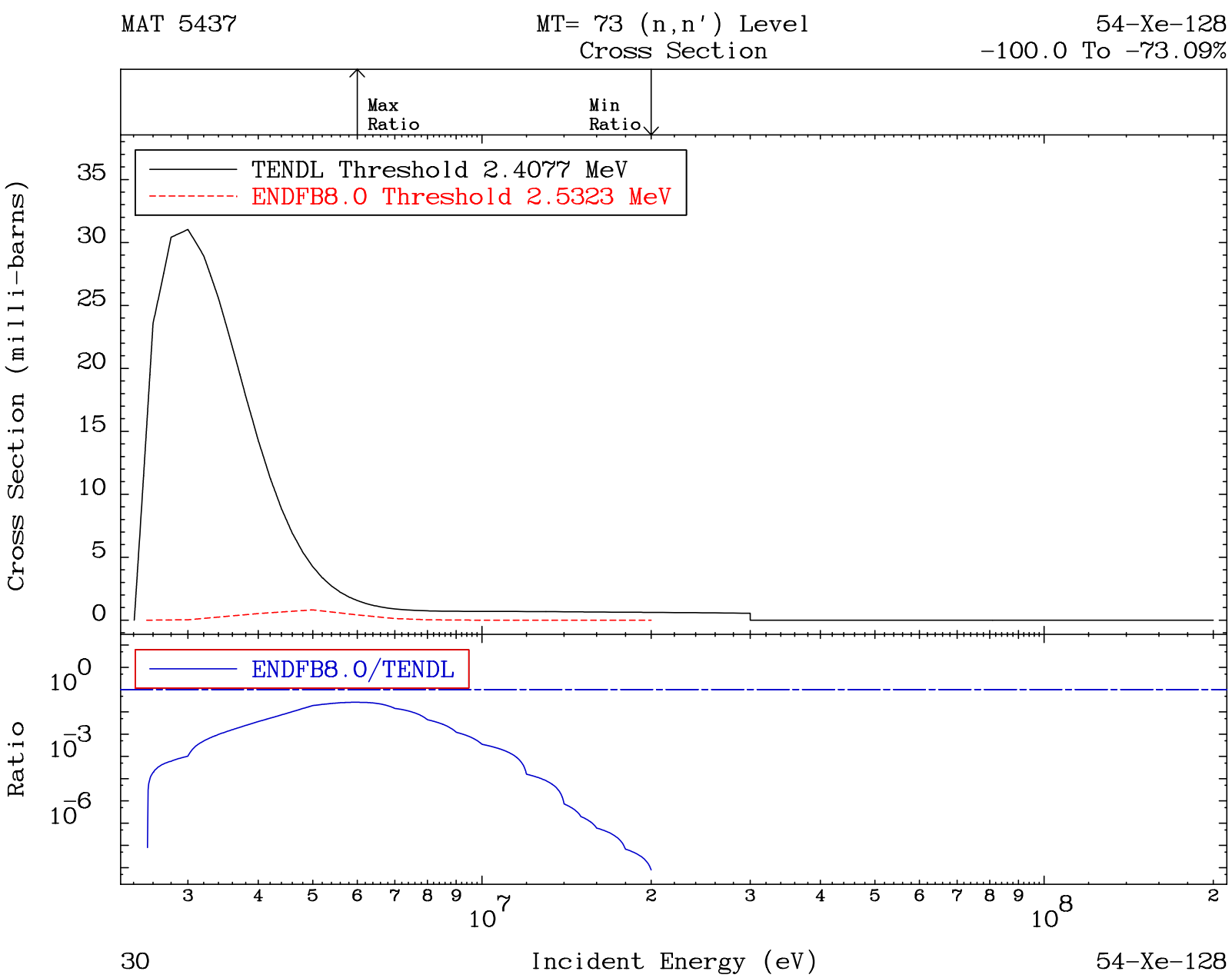

MAT 5437
MT= 68 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 1944. %
Max
Ratio
Min
Ratio
TENDL Threshold 2.2989 MeV
ENDFB8.0 Threshold 2.4499 MeV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^3
10^0
10^-3
10^-6
10^-9
3
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
25
Incident Energy (eV)
54-Xe-128

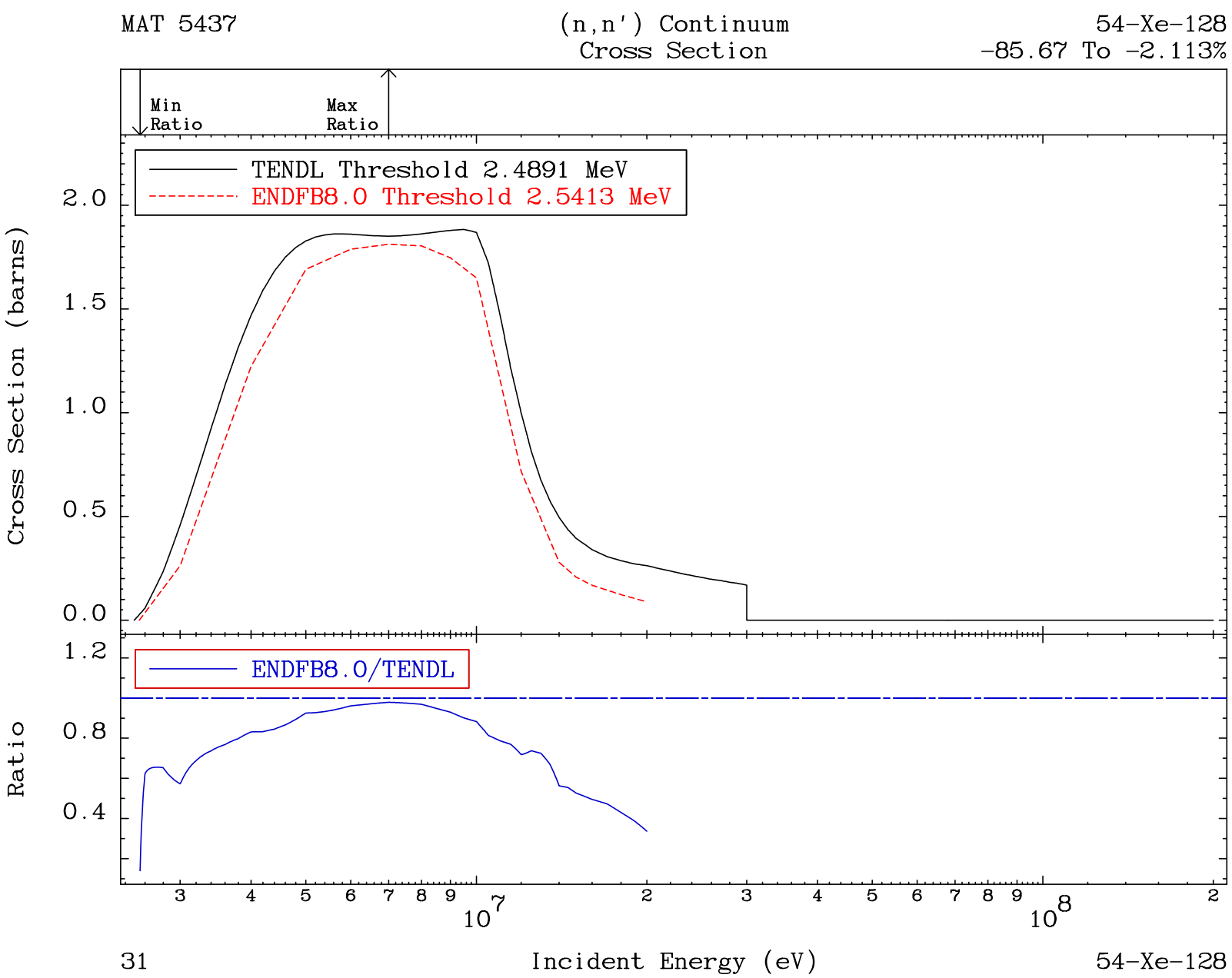

MAT 5437
MT= 69 (n,n') Level
Cross Section
54-Xe-128
-99.78 To -27.43%
Max Ratio
Min Ratio
TENDL Threshold 2.3239 MeV
ENDFB8.0 Threshold 2.4632 MeV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-1
10^-2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
26
Incident Energy (eV)
54-Xe-128

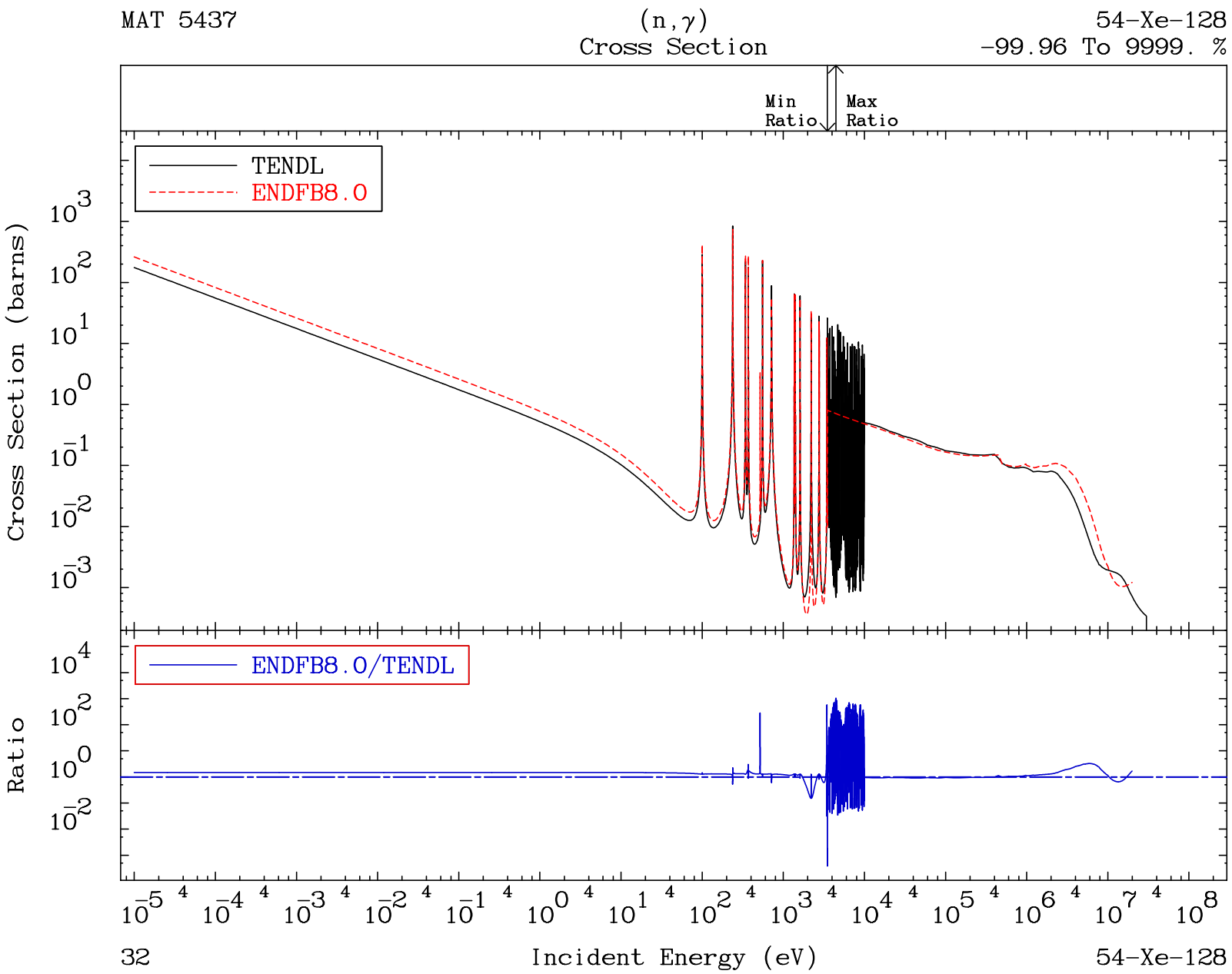

MAT 5437
MT= 70 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 63.98 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.3545 MeV
ENDFB8.0 Threshold 2.5021 MeV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
27
Incident Energy (eV)
54-Xe-128

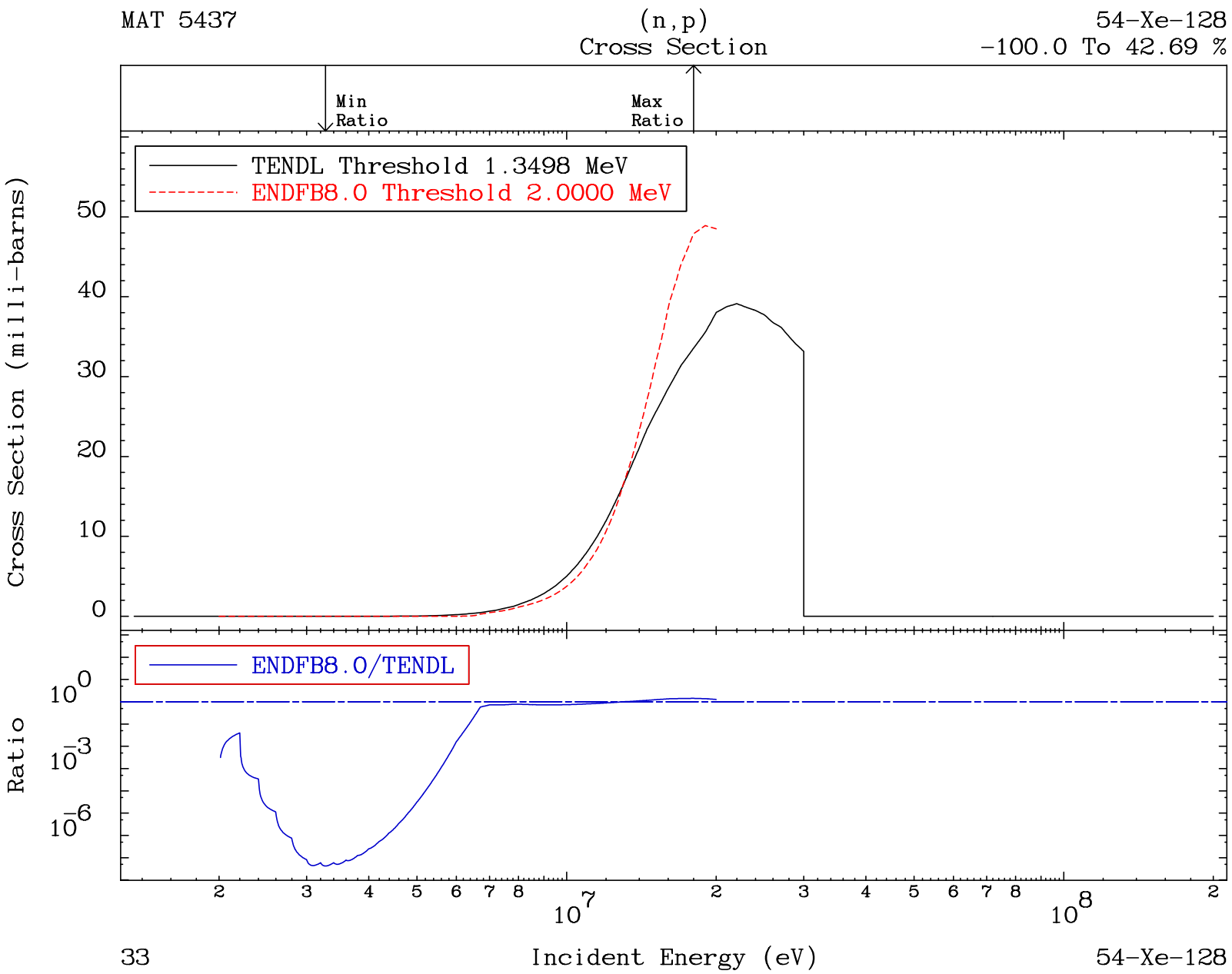

MAT 5437
MT= 71 (n,n') Level
Cross Section
54-Xe-128
-98.75 To 62.20 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.3802 MeV
ENDFB8.0 Threshold 2.5205 MeV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
4
10^0
4
10^-1
4
10^-2
3
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
28
Incident Energy (eV)
54-Xe-128

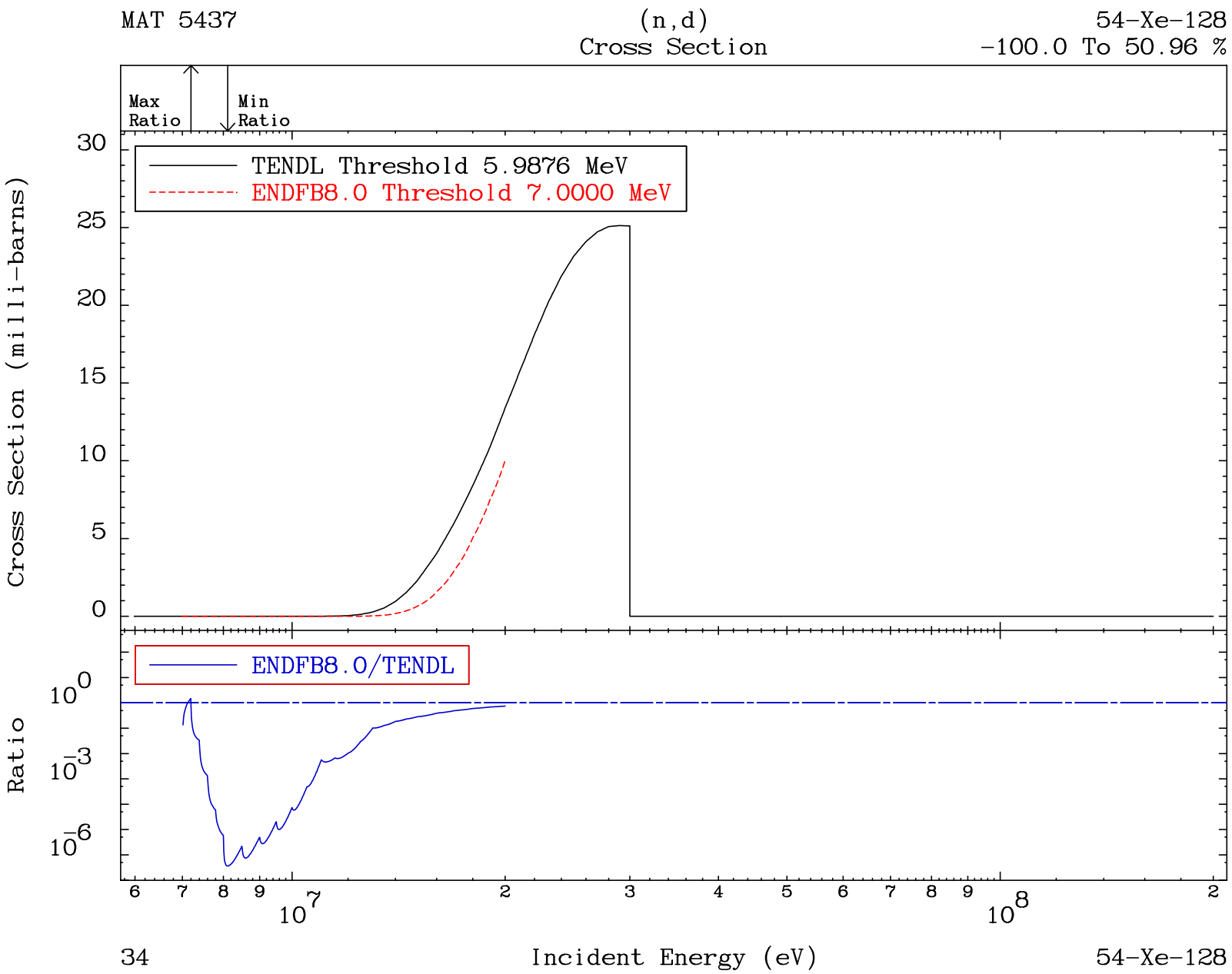

MAT 5437
MT= 72 (n,n') Level
Cross Section
54-Xe-128
-98.27 To 328.0 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.3940 MeV
ENDFB8.0 Threshold 2.5305 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^1
10^0
10^-1
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
54-Xe-128

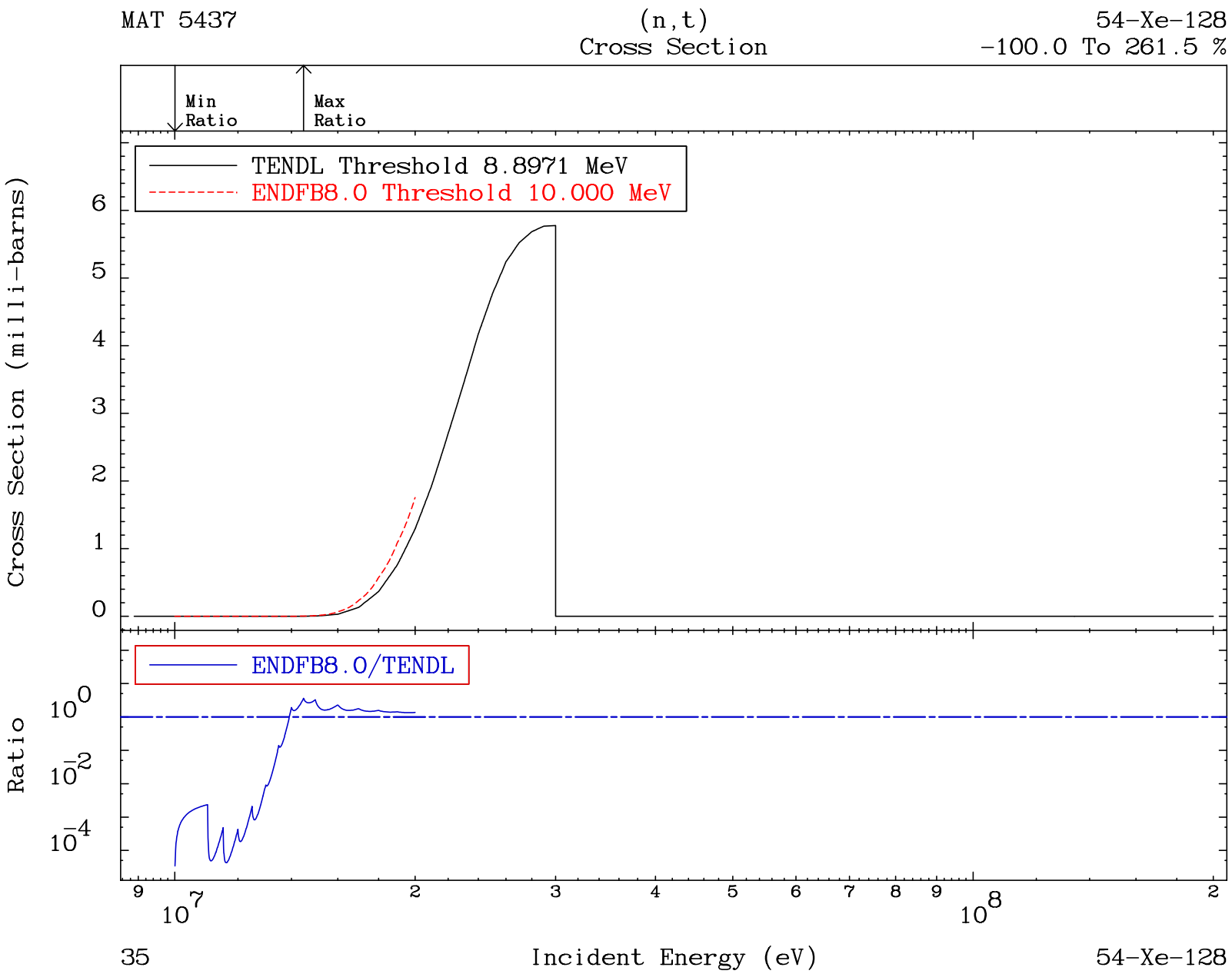

MAT 5437
MT= 73 (n,n') Level
Cross Section
54-Xe-128
-100.0 To -73.09%
Max
Ratio
Min
Ratio
TENDL Threshold 2.4077 MeV
ENDFB8.0 Threshold 2.5323 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
30
Incident Energy (eV)
54-Xe-128

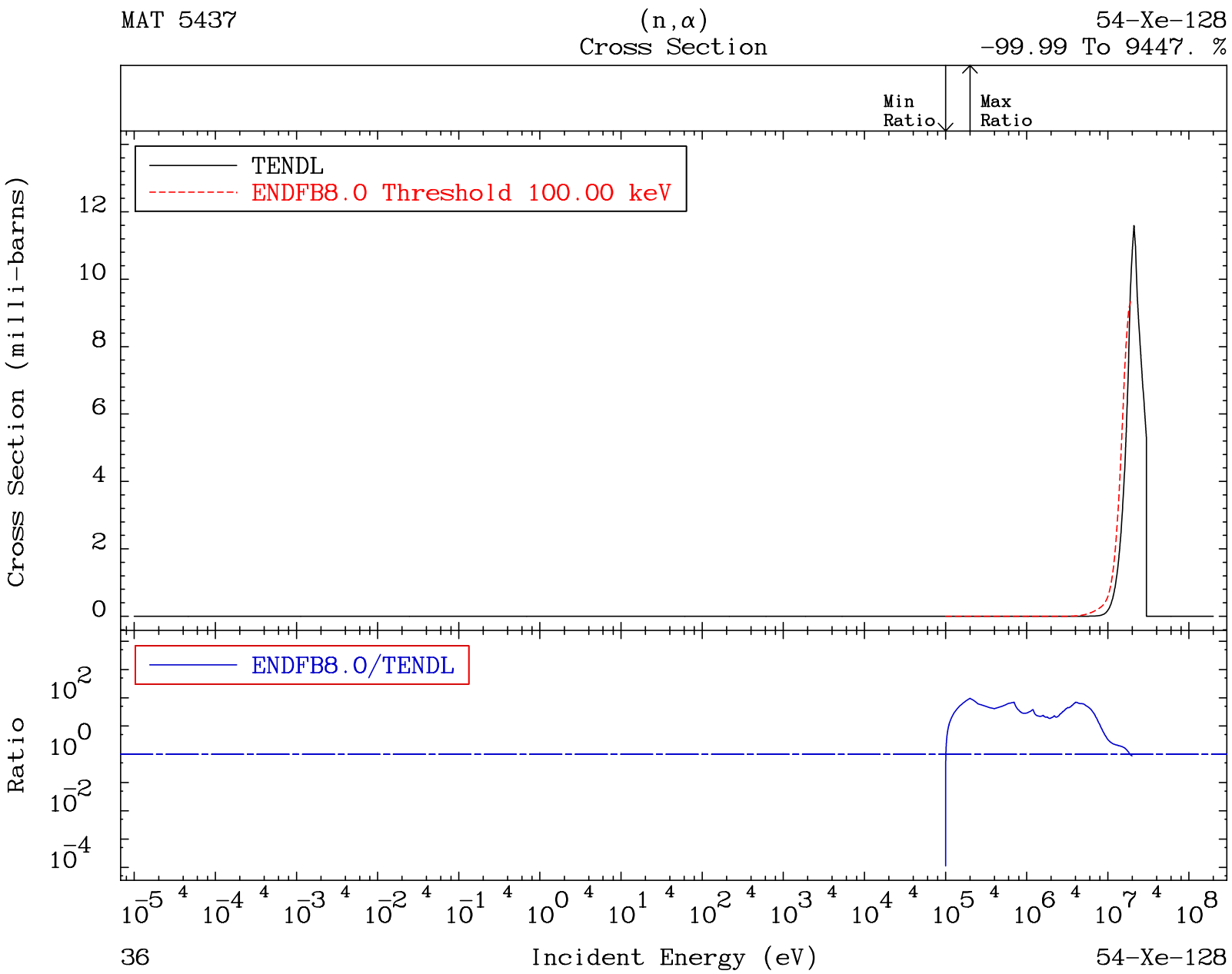

MAT 5437
(n,n') Continuum
Cross Section
54-Xe-128
-85.67 To -2.113%
Min Ratio
Max Ratio
TENDL Threshold 2.4891 MeV
ENDFB8.0 Threshold 2.5413 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
1.2
0.8
0.4
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
31
Incident Energy (eV)
54-Xe-128

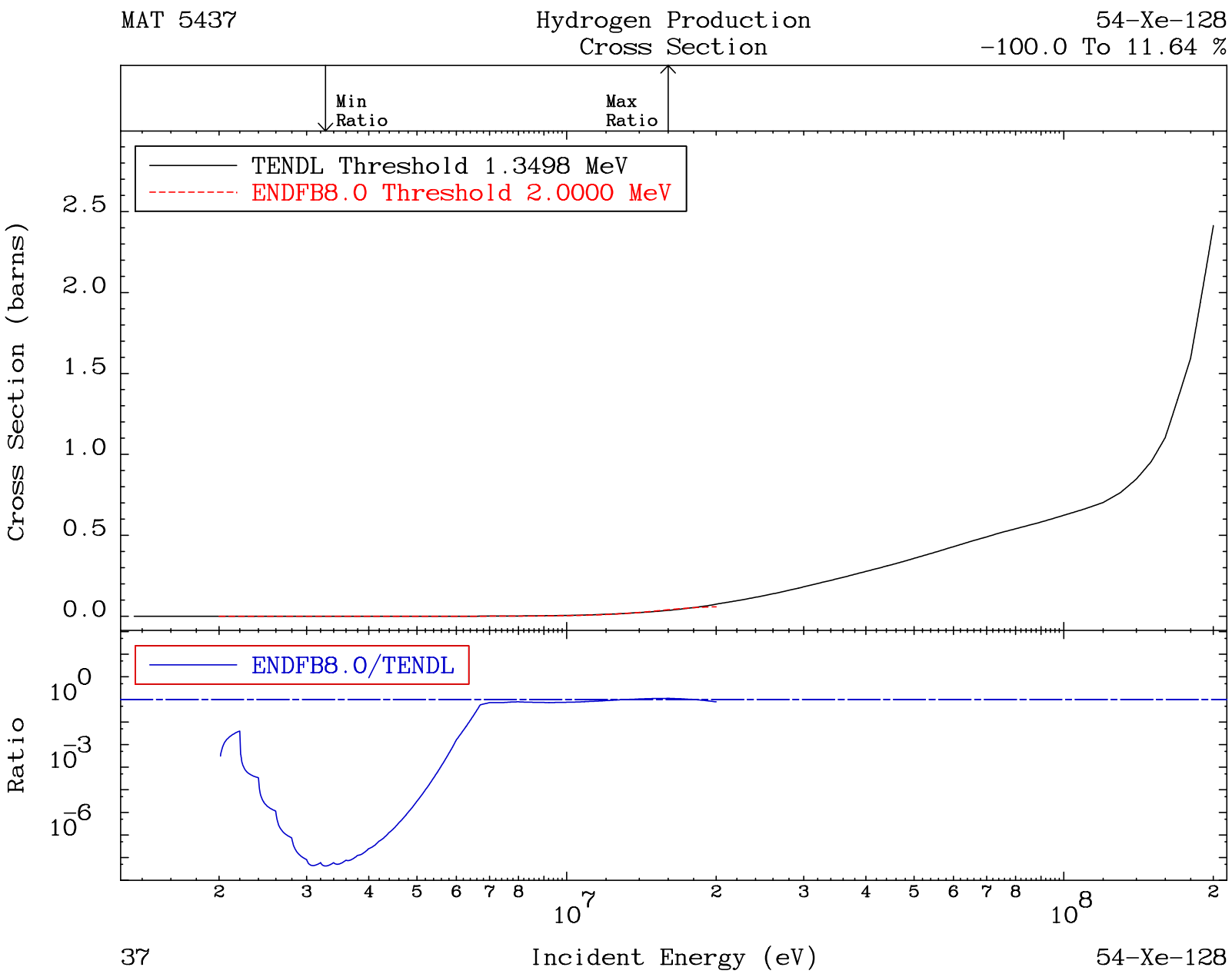

MAT 5437
(n,γ)
Cross Section
54-Xe-128
-99.96 To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
32
54-Xe-128

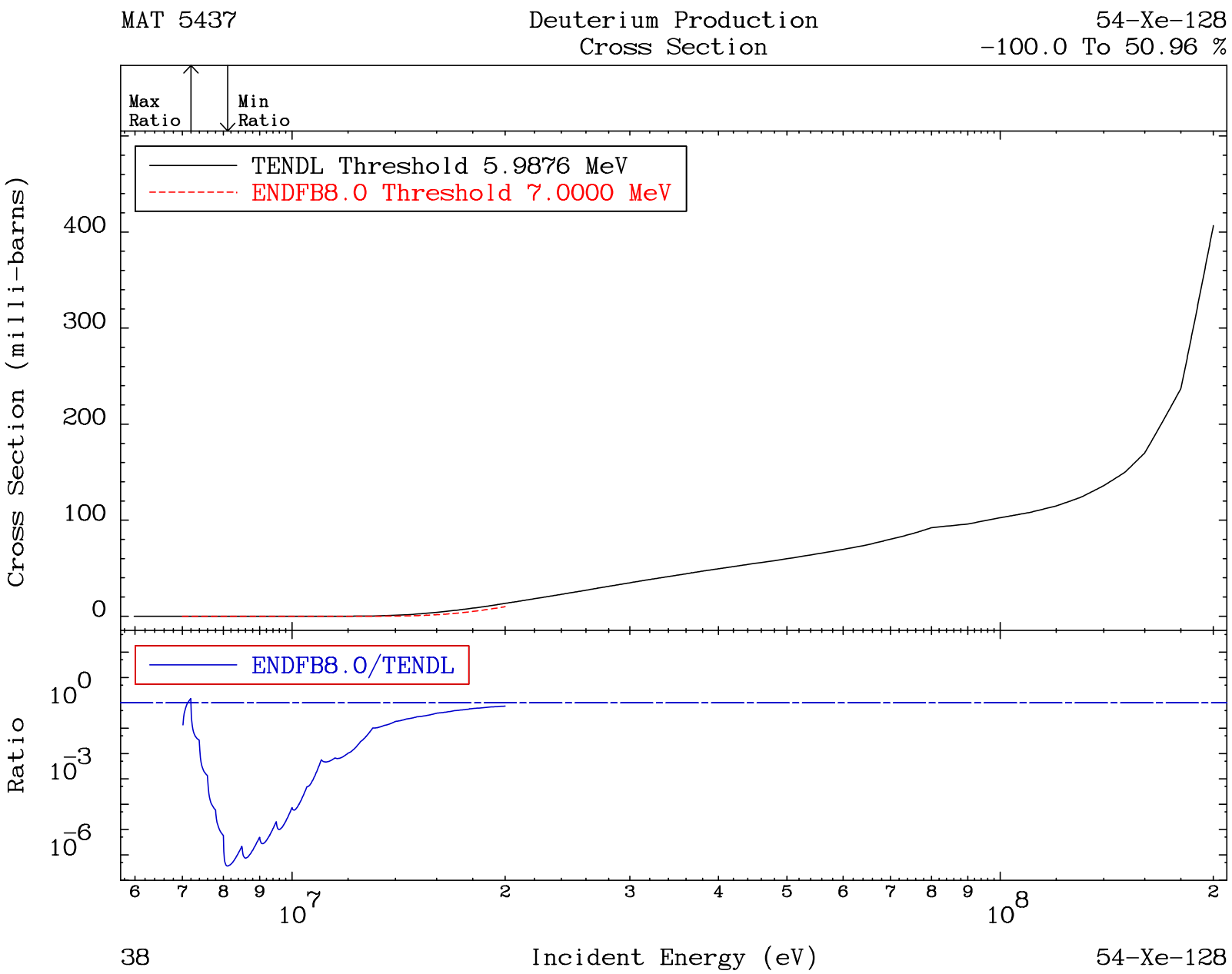

MAT 5437
(n,p)
Cross Section
54-Xe-128
-100.0 To 42.69 %
Min Ratio
Max Ratio
TENDL Threshold 1.3498 MeV
ENDFB8.0 Threshold 2.0000 MeV
Cross Section (milli-barns)
0
10
20
30
40
50
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
33
Incident Energy (eV)
54-Xe-128

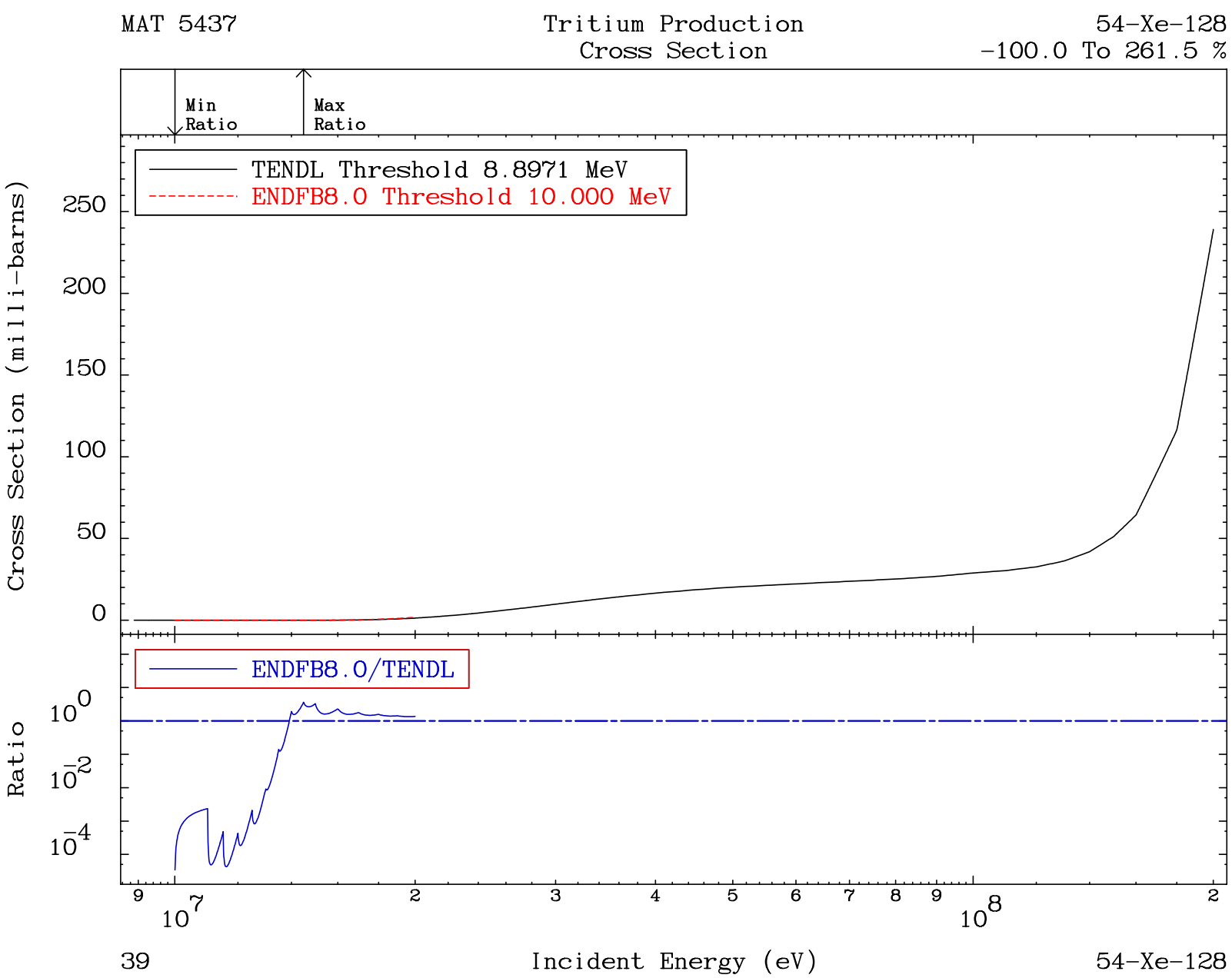

MAT 5437
(n,d)
Cross Section
54-Xe-128
-100.0 To 50.96 %
Max Ratio
Min Ratio
TENDL Threshold 5.9876 MeV
ENDFB8.0 Threshold 7.0000 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
54-Xe-128

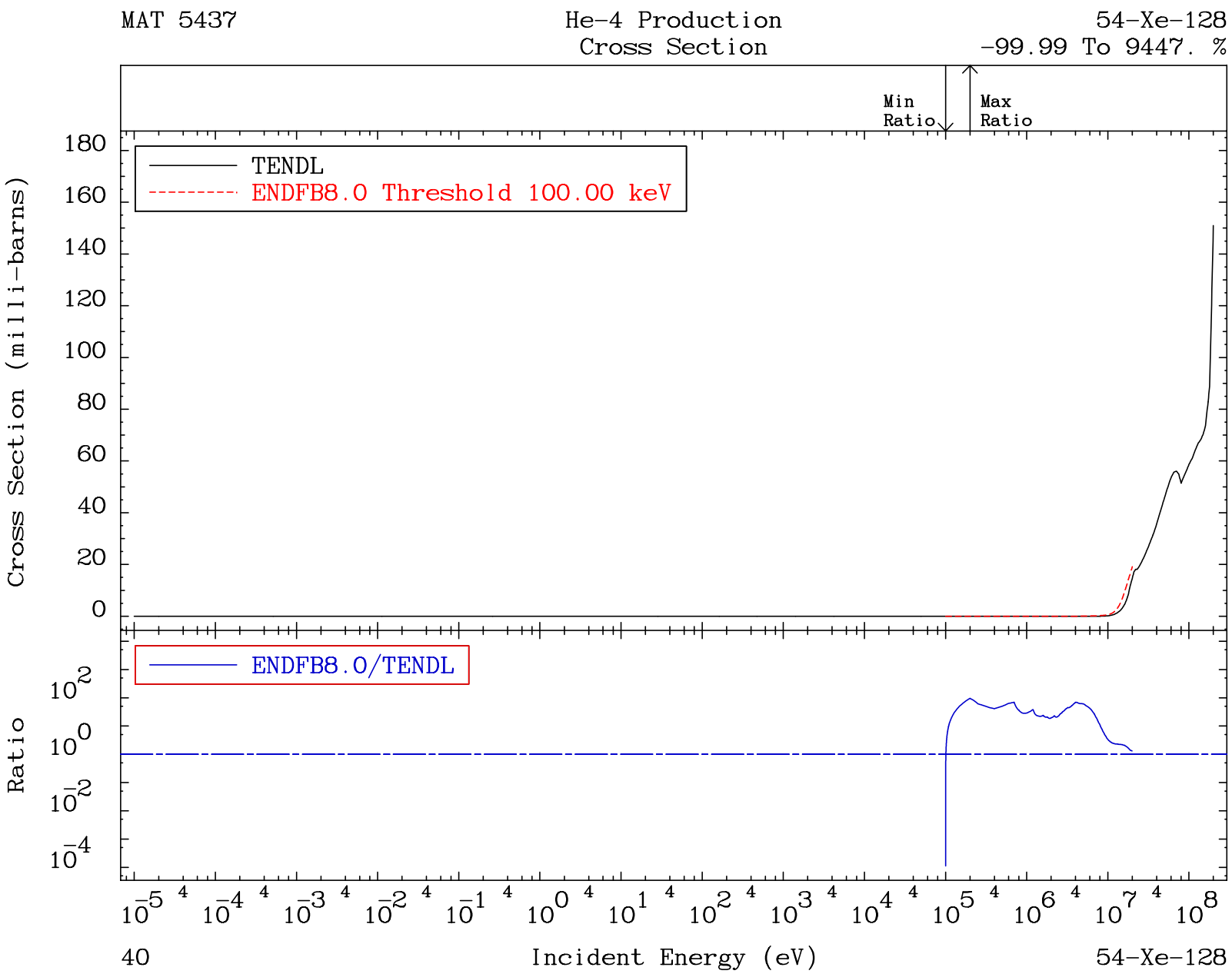

MAT 5437
(n,t)
Cross Section
54-Xe-128
-100.0 To 261.5 %
Min Ratio
Max Ratio
TENDL Threshold 8.8971 MeV
ENDFB8.0 Threshold 10.000 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
ENDFB8.0/TENDL
Ratio
10^0
10^-2
10^-4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
35
Incident Energy (eV)
54-Xe-128

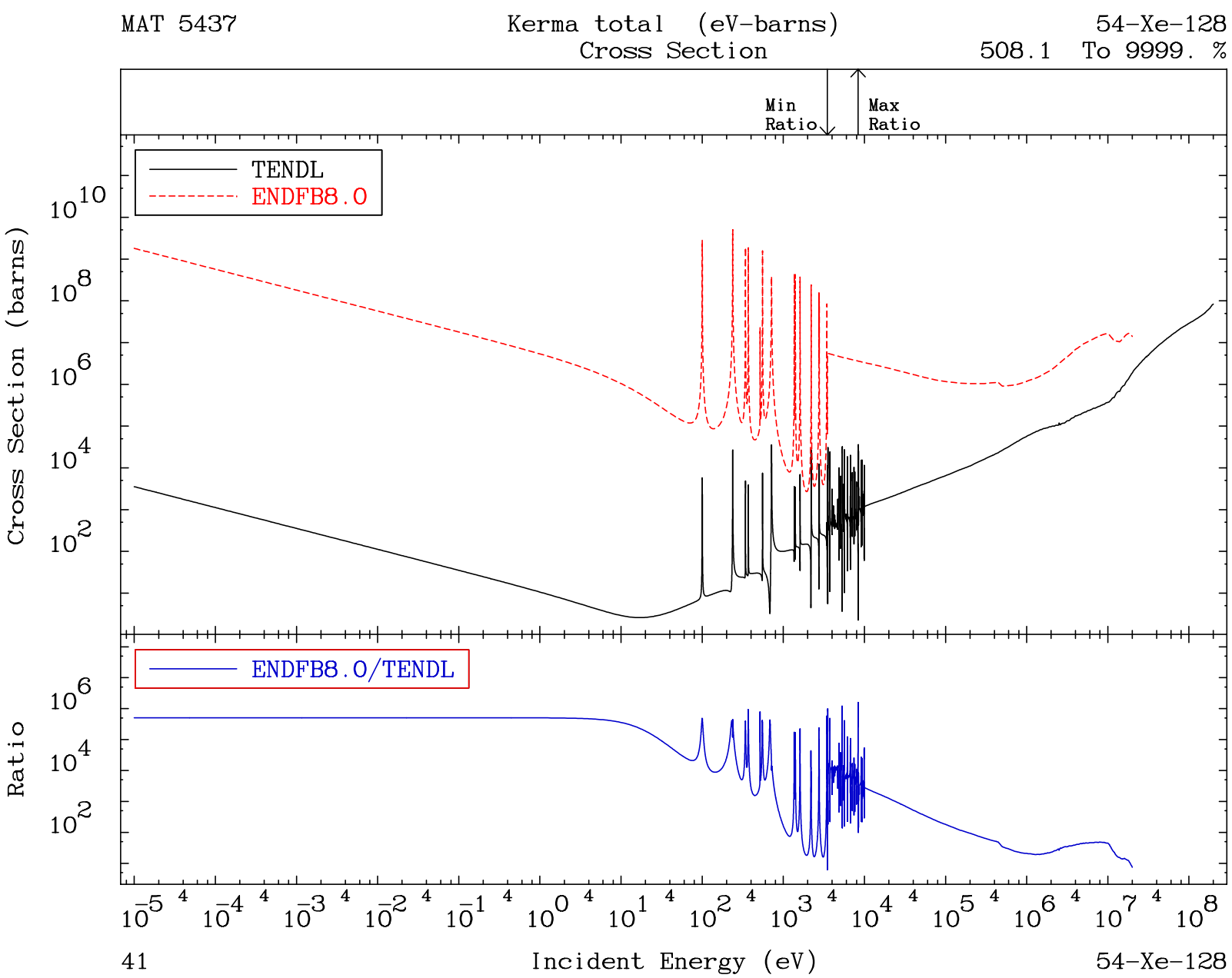

MAT 5437
(n,α)
Cross Section
54-Xe-128
-99.99 To 9447. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0 Threshold 100.00 keV
Cross Section (milli-barns)
0
2
4
6
8
10
12
ENDFB8.0/TENDL
Ratio
10^2
10^0
10^-2
10^-4
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
36
Incident Energy (eV)
54-Xe-128

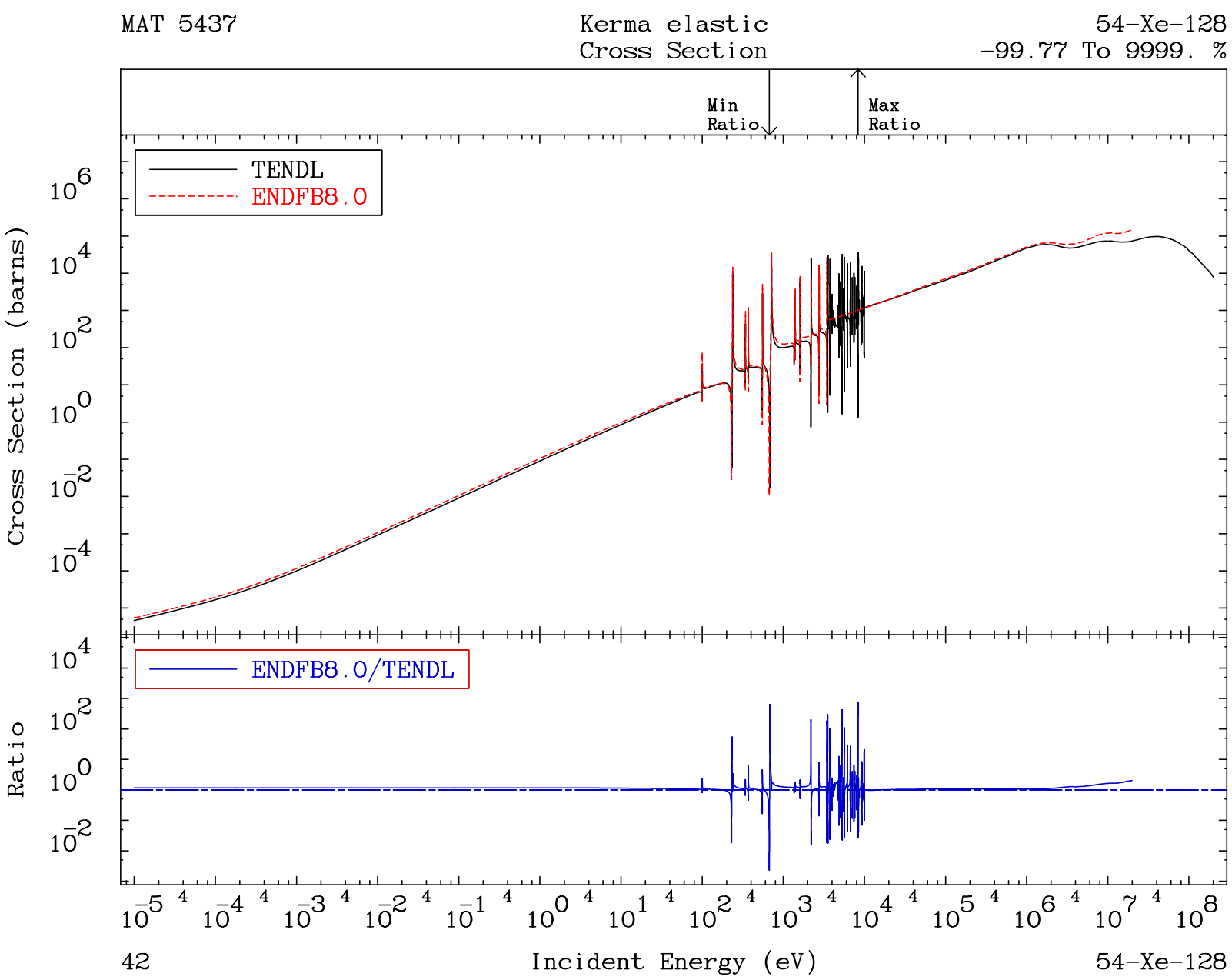

MAT 5437
Hydrogen Production
Cross Section
54-Xe-128
-100.0 To 11.64 %
Min Ratio
Max Ratio
TENDL Threshold 1.3498 MeV
ENDFB8.0 Threshold 2.0000 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
37
Incident Energy (eV)
54-Xe-128

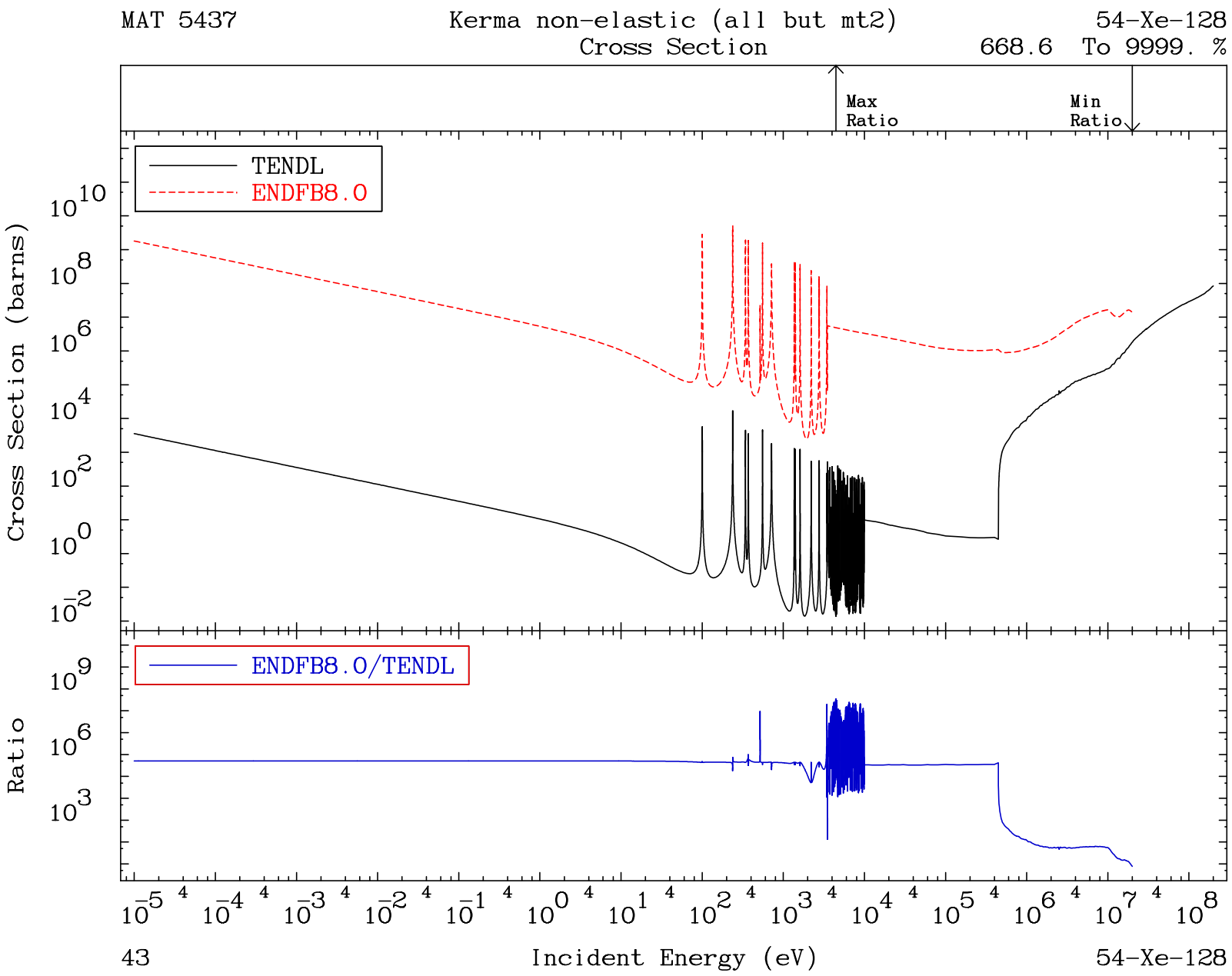

MAT 5437
Deuterium Production
Cross Section
54-Xe-128
-100.0 To 50.96 %
Max Ratio
Min Ratio
TENDL Threshold 5.9876 MeV
ENDFB8.0 Threshold 7.0000 MeV
Cross Section (milli-barns)
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
38
Incident Energy (eV)
54-Xe-128

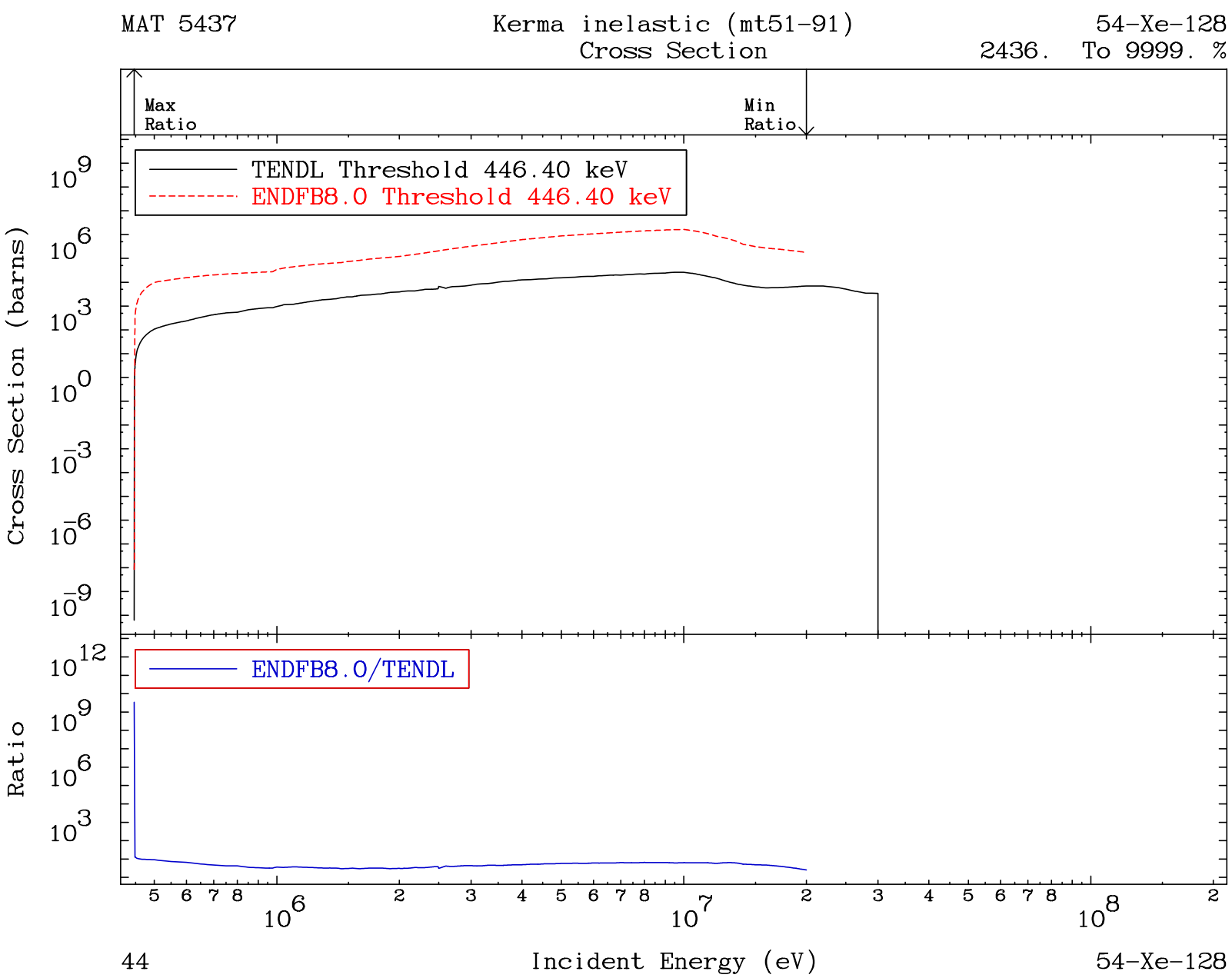

MAT 5437
Tritium Production
Cross Section
54-Xe-128
-100.0 To 261.5 %
Min Ratio
Max Ratio
TENDL Threshold 8.8971 MeV
ENDFB8.0 Threshold 10.000 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^0
10^-2
10^-4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
39
Incident Energy (eV)
54-Xe-128

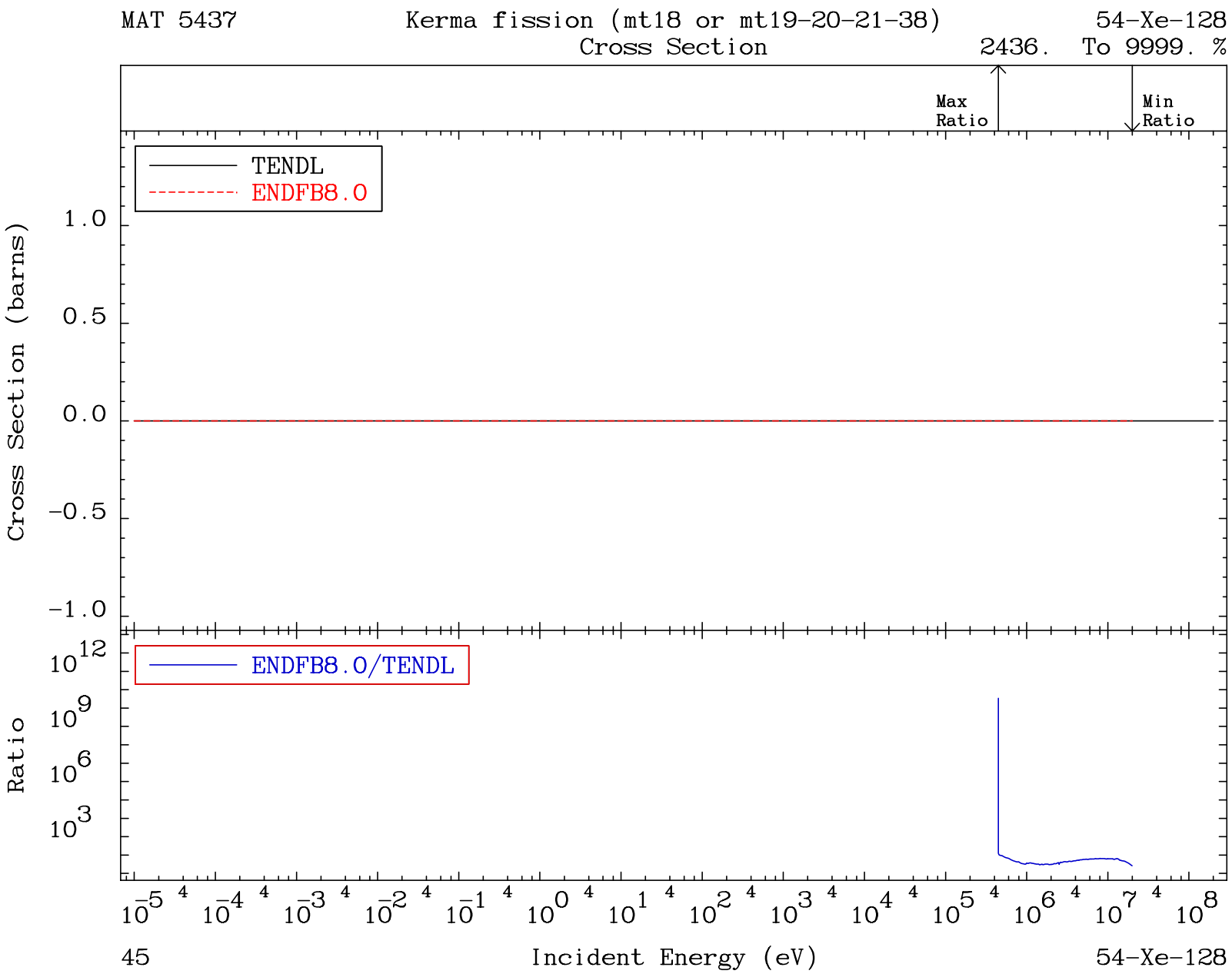

MAT 5437
He-4 Production
Cross Section
54-Xe-128
-99.99 To 9447. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0 Threshold 100.00 keV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^2
10^0
10^-2
10^-4
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
40
Incident Energy (eV)
54-Xe-128

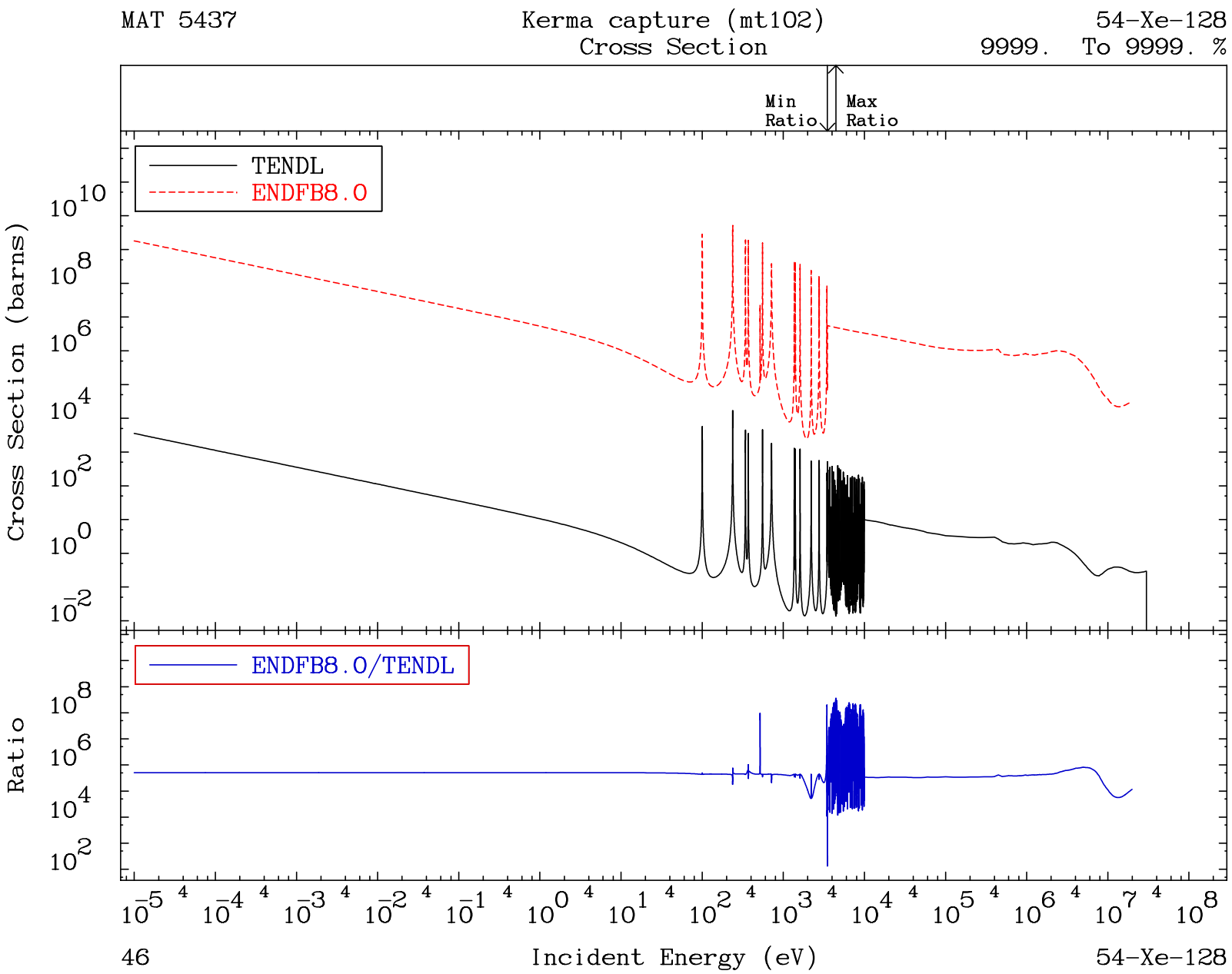

MAT 5437
Kerma total (eV-barns)
Cross Section
54-Xe-128
508.1 To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
41
54-Xe-128

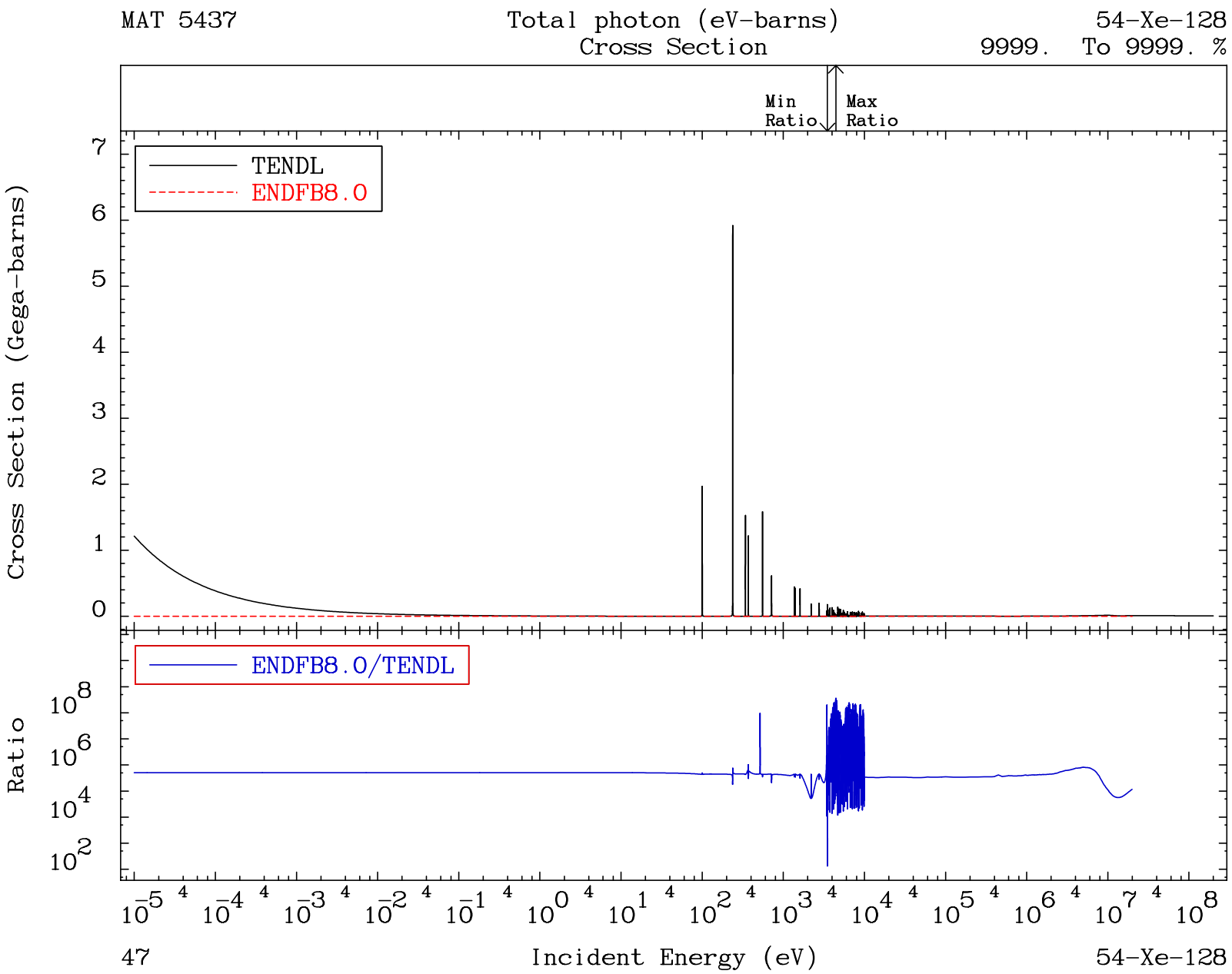

MAT 5437
Kerma elastic
Cross Section
54-Xe-128
-99.77 To 9999. %
Min
Ratio
Max
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
42
54-Xe-128

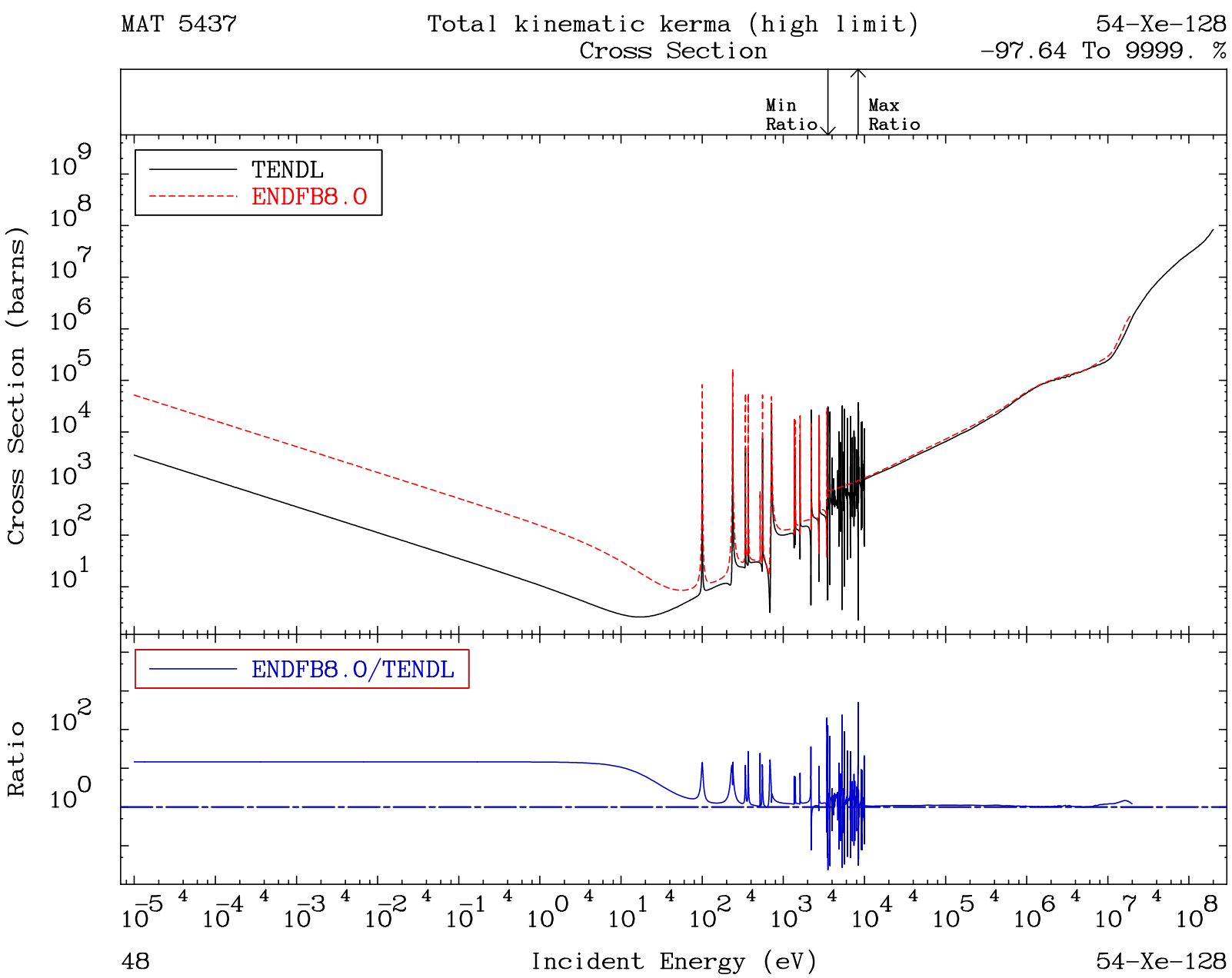

MAT 5437
Kerma non-elastic (all but mt2)
Cross Section
54-Xe-128
668.6 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
43
54-Xe-128

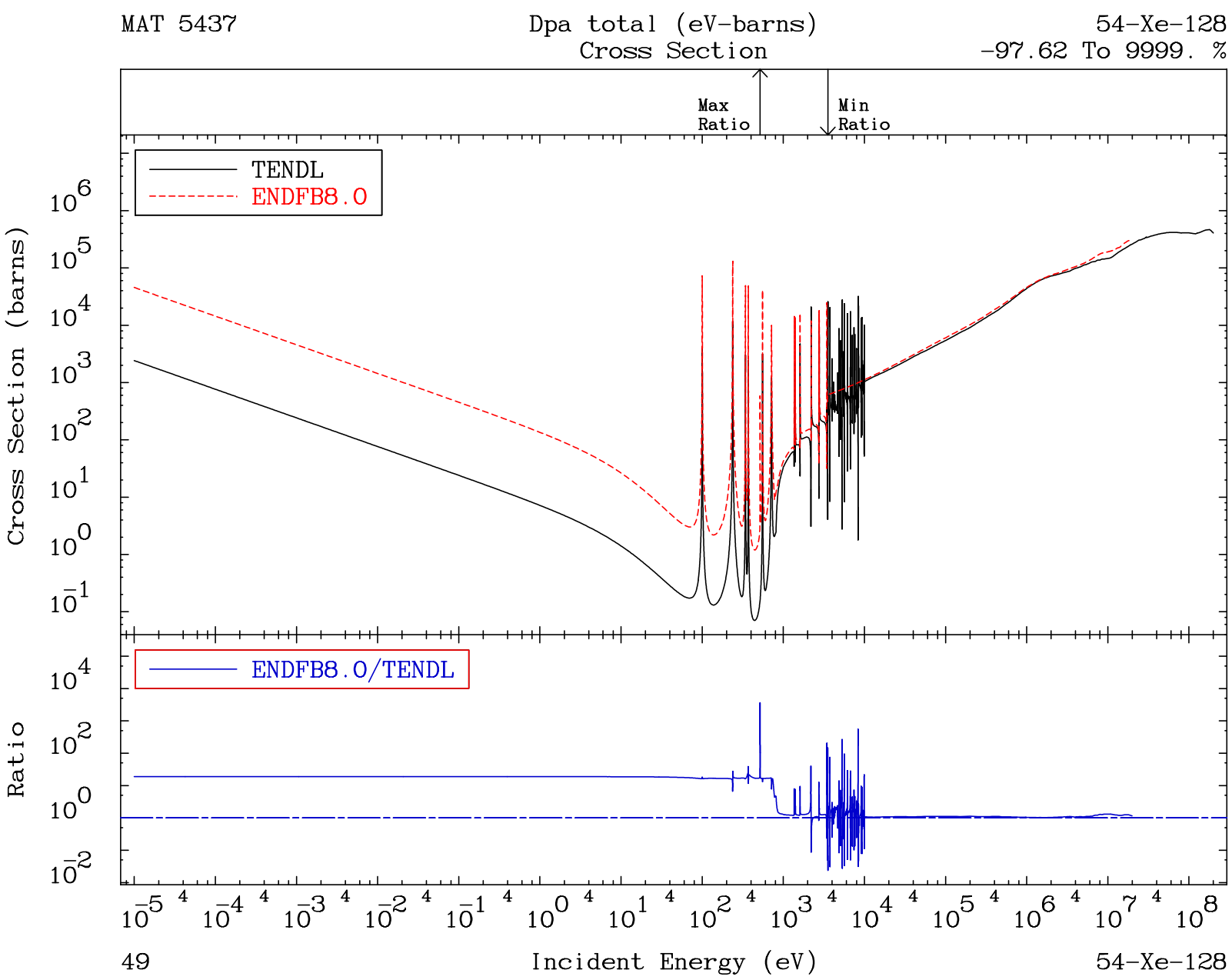

MAT 5437
Kerma inelastic (mt51-91)
Cross Section
54-Xe-128
2436. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
44
54-Xe-128

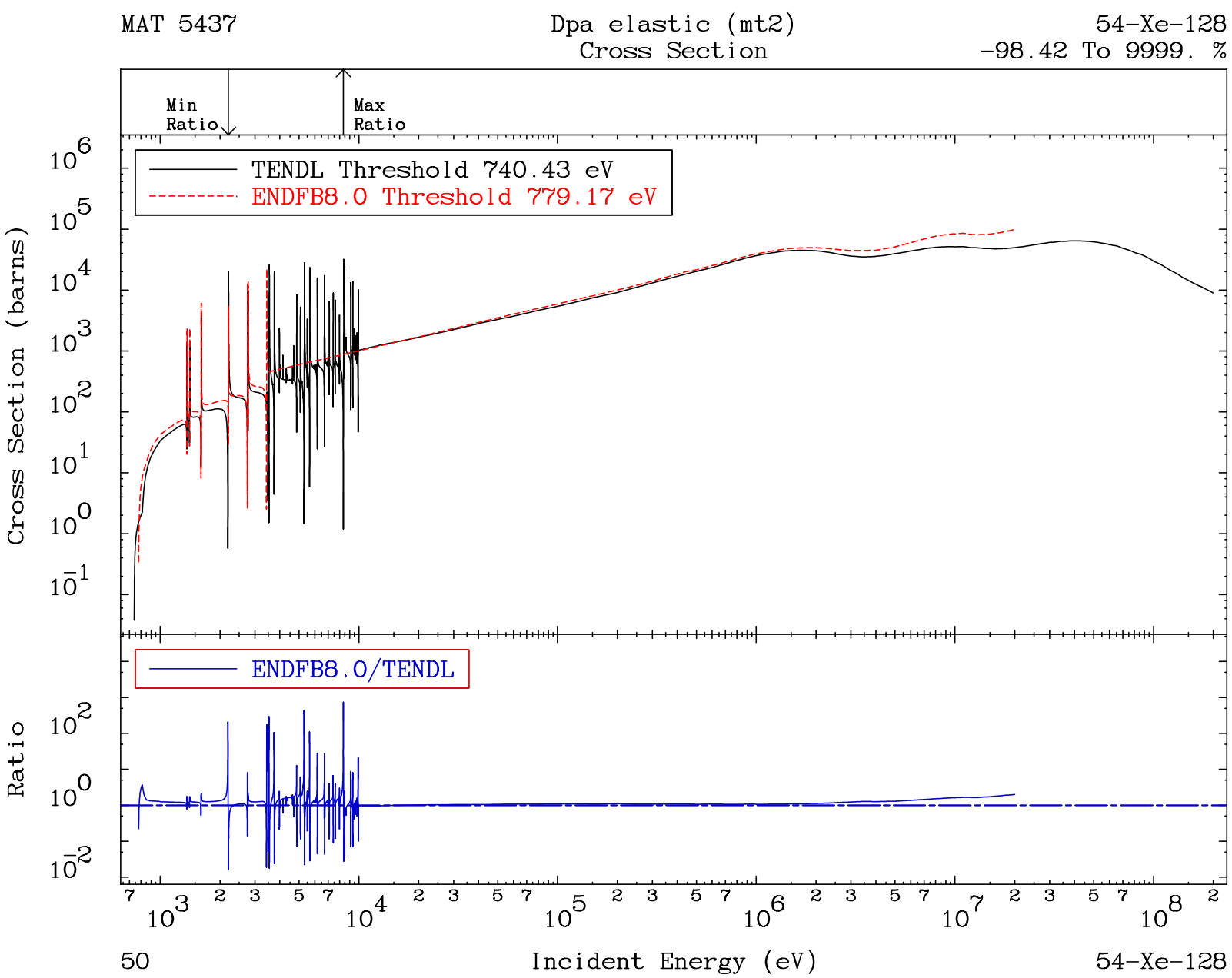

MAT 5437
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
54-Xe-128
2436. To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
ENDFB8.0/TENDL
Ratio
10^{12}
10^{9}
10^{6}
10^{3}
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
45
Incident Energy (eV)
54-Xe-128

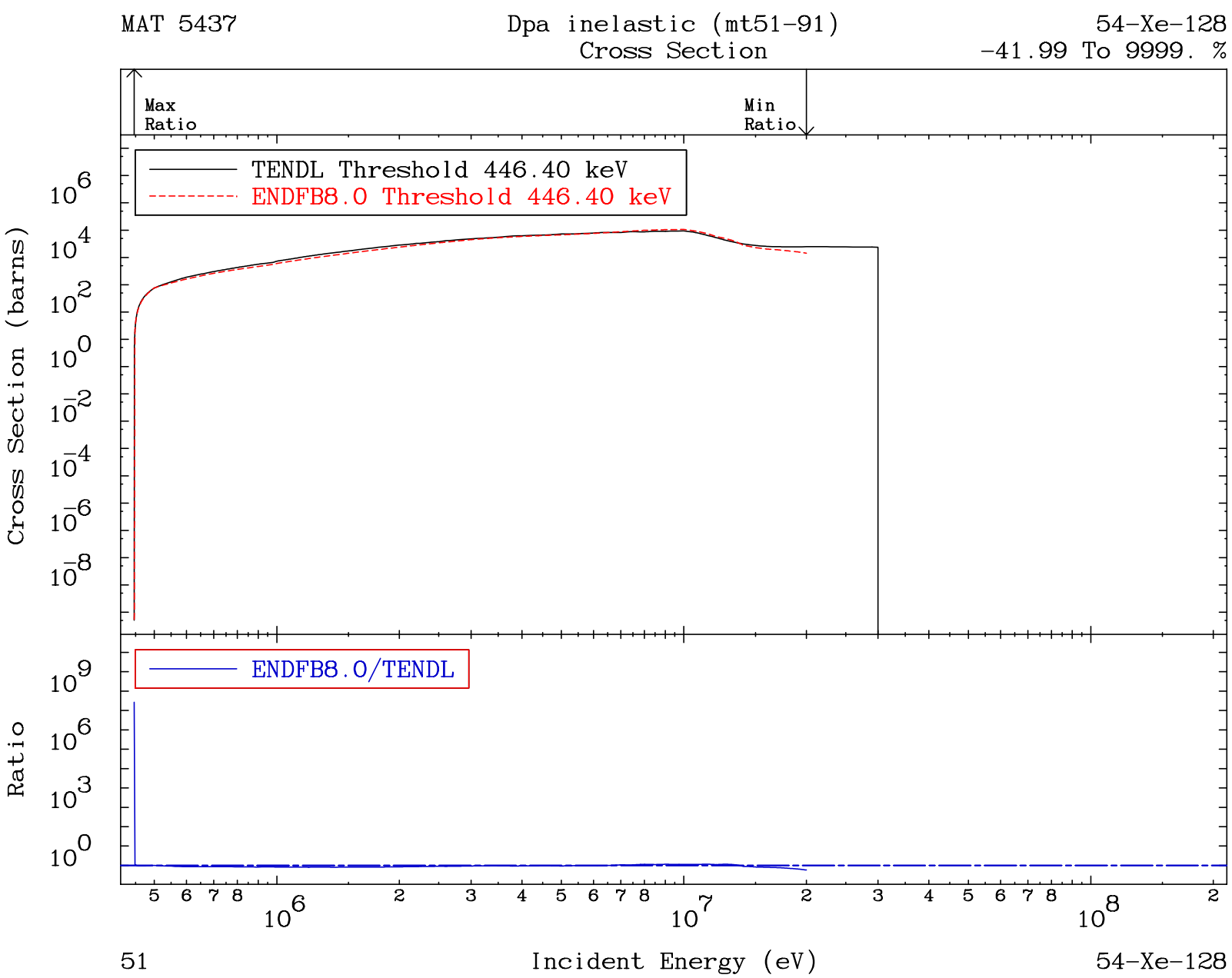

MAT 5437
Kerma capture (mt102)
Cross Section
54-Xe-128
9999. To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
46
54-Xe-128

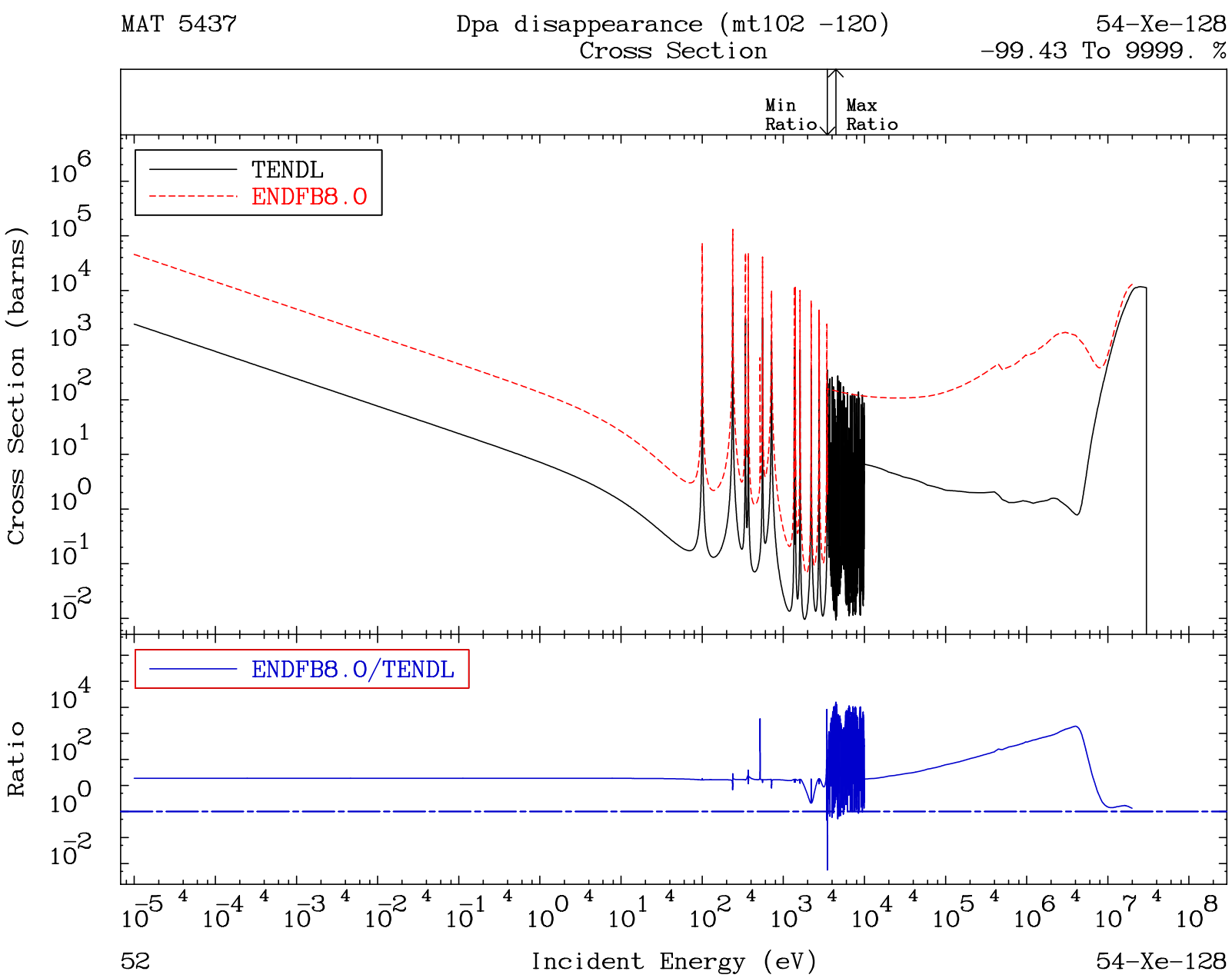

MAT 5437
Total photon (eV-barns)
Cross Section
54-Xe-128
9999. To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
Cross Section (Giga-barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
47
54-Xe-128


MAT 5437
Total kinematic kerma (high limit)
Cross Section
54-Xe-128
-97.64 To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
48
54-Xe-128


MAT 5437
Dpa total (eV-barns)
Cross Section
54-Xe-128
-97.62 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
49
54-Xe-128


MAT 5437
Dpa elastic (mt2)
Cross Section
54-Xe-128
-98.42 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 740.43 eV
ENDFB8.0 Threshold 779.17 eV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
50
54-Xe-128


MAT 5437
Dpa inelastic (mt51-91)
Cross Section
54-Xe-128
-41.99 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
51
Incident Energy (eV)
54-Xe-128


MAT 5437
Dpa disappearance (mt102 -120)
Cross Section
54-Xe-128
-99.43 To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
52
54-Xe-128