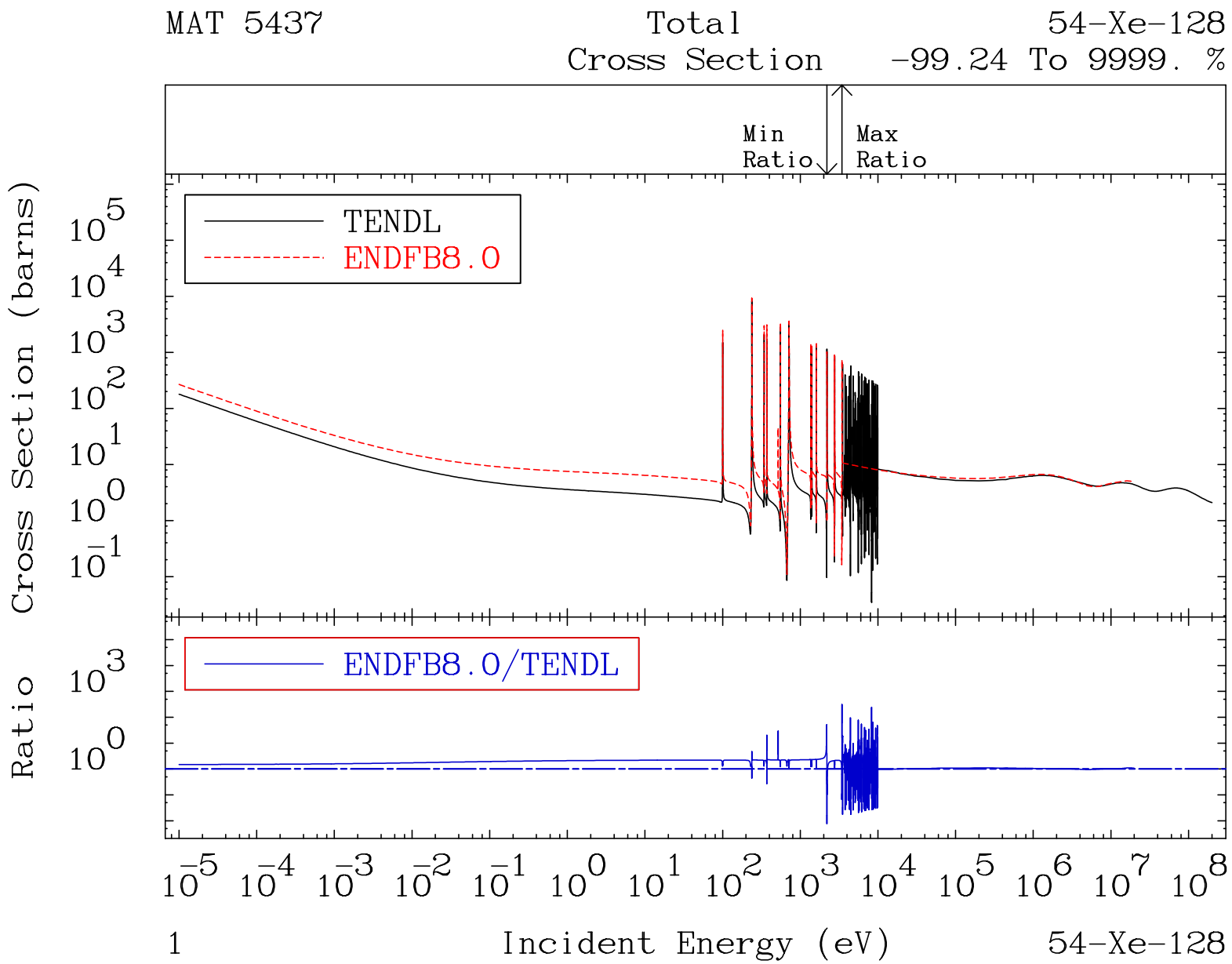
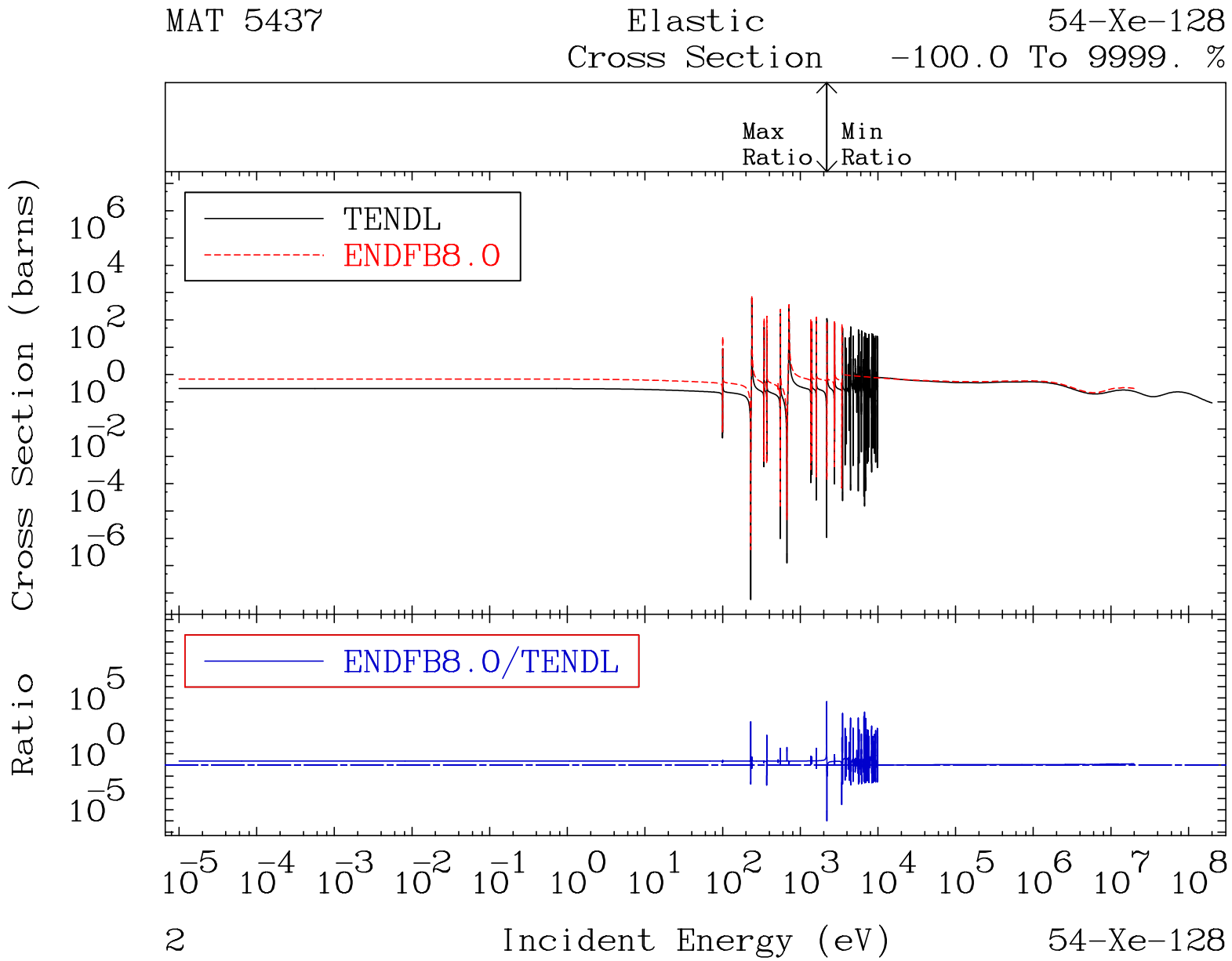
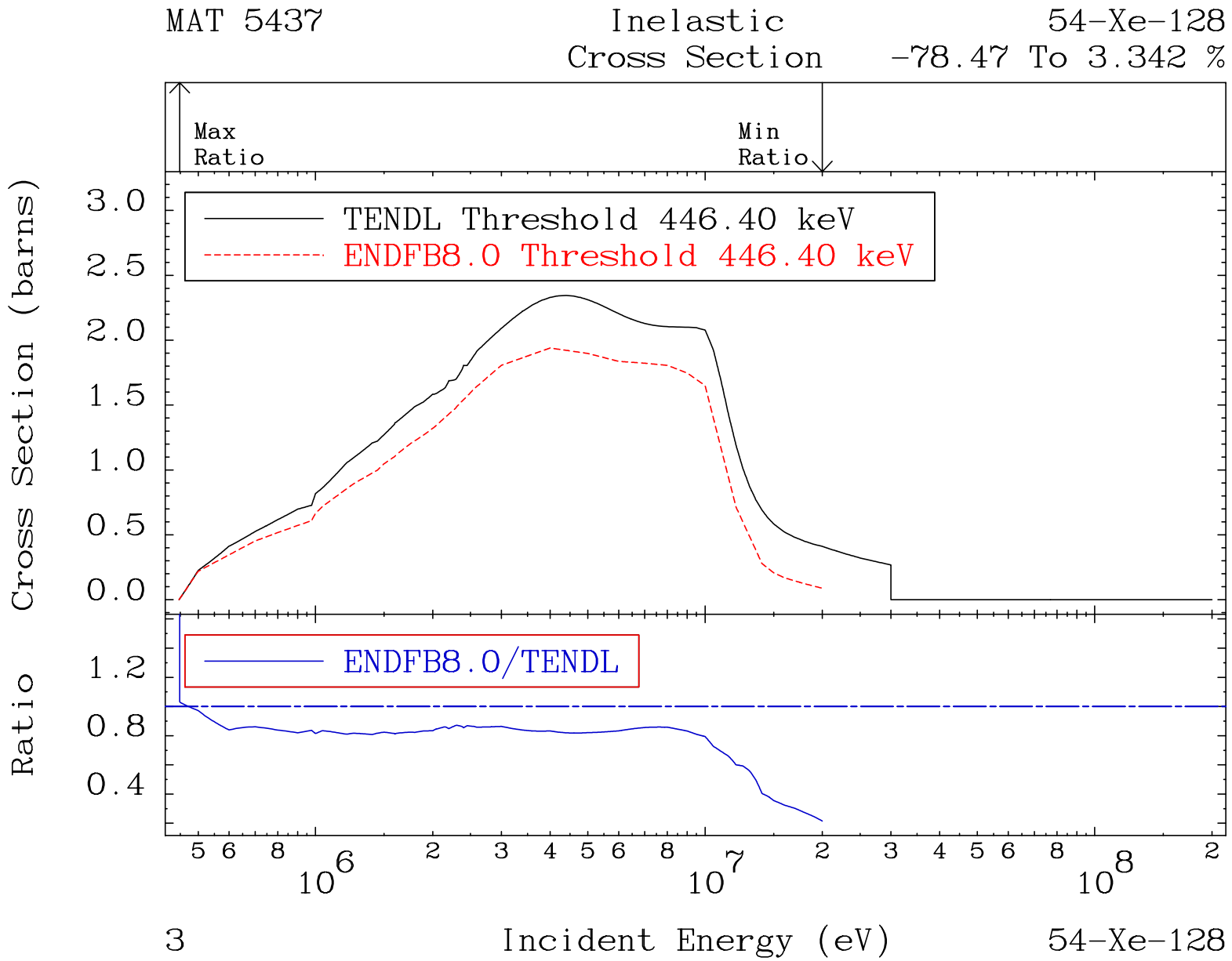
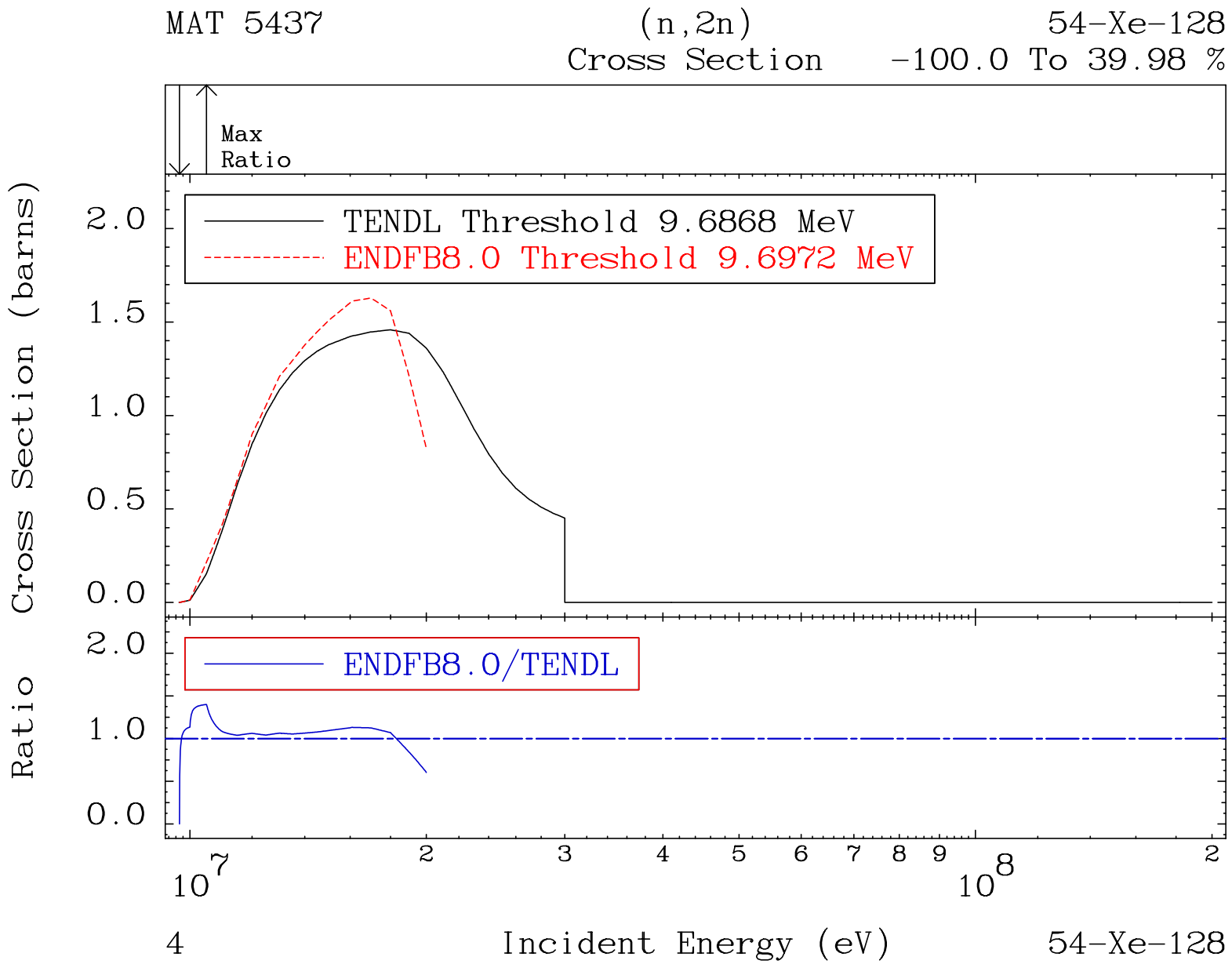
Program Complot
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

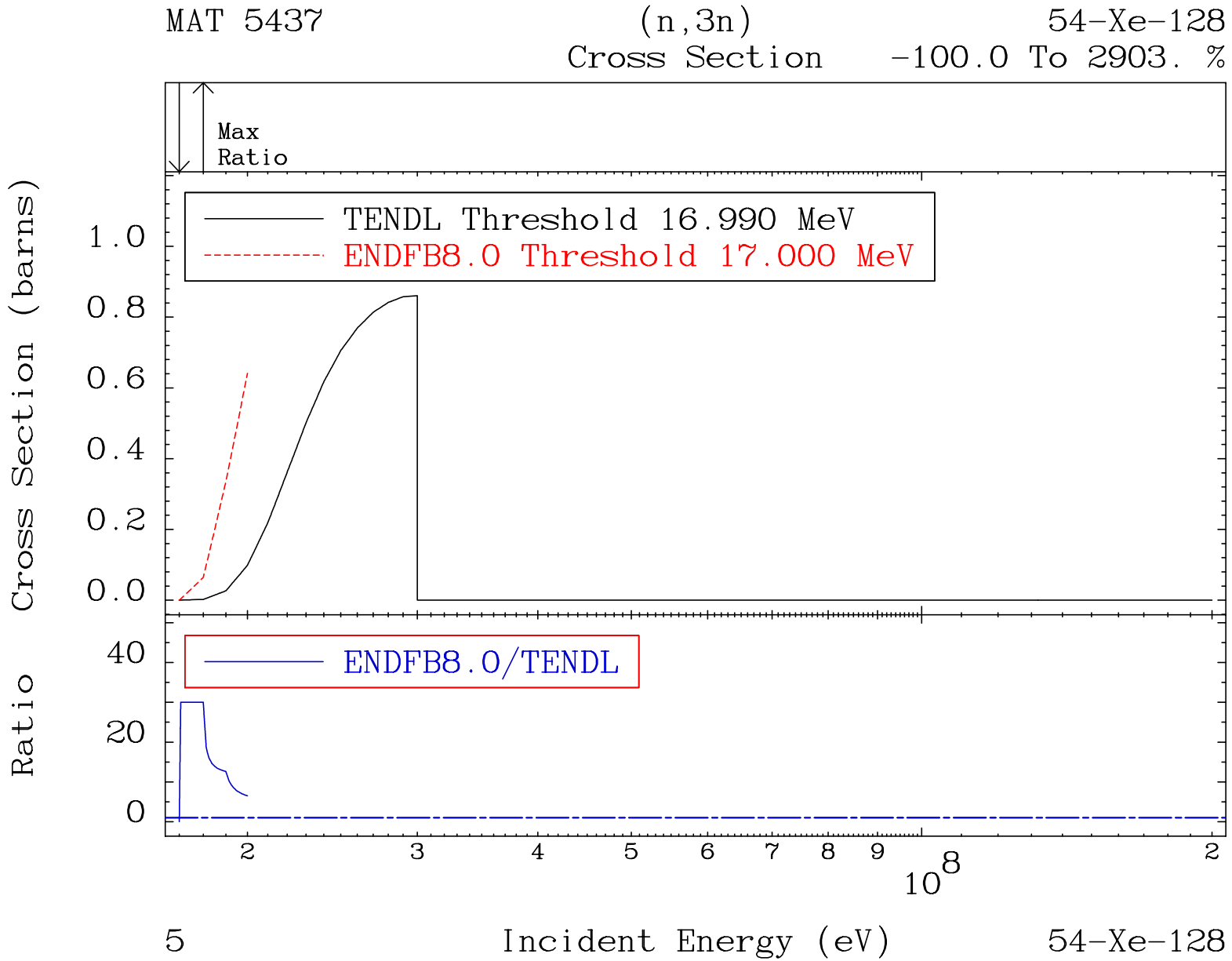
Press Mouse Button to Start

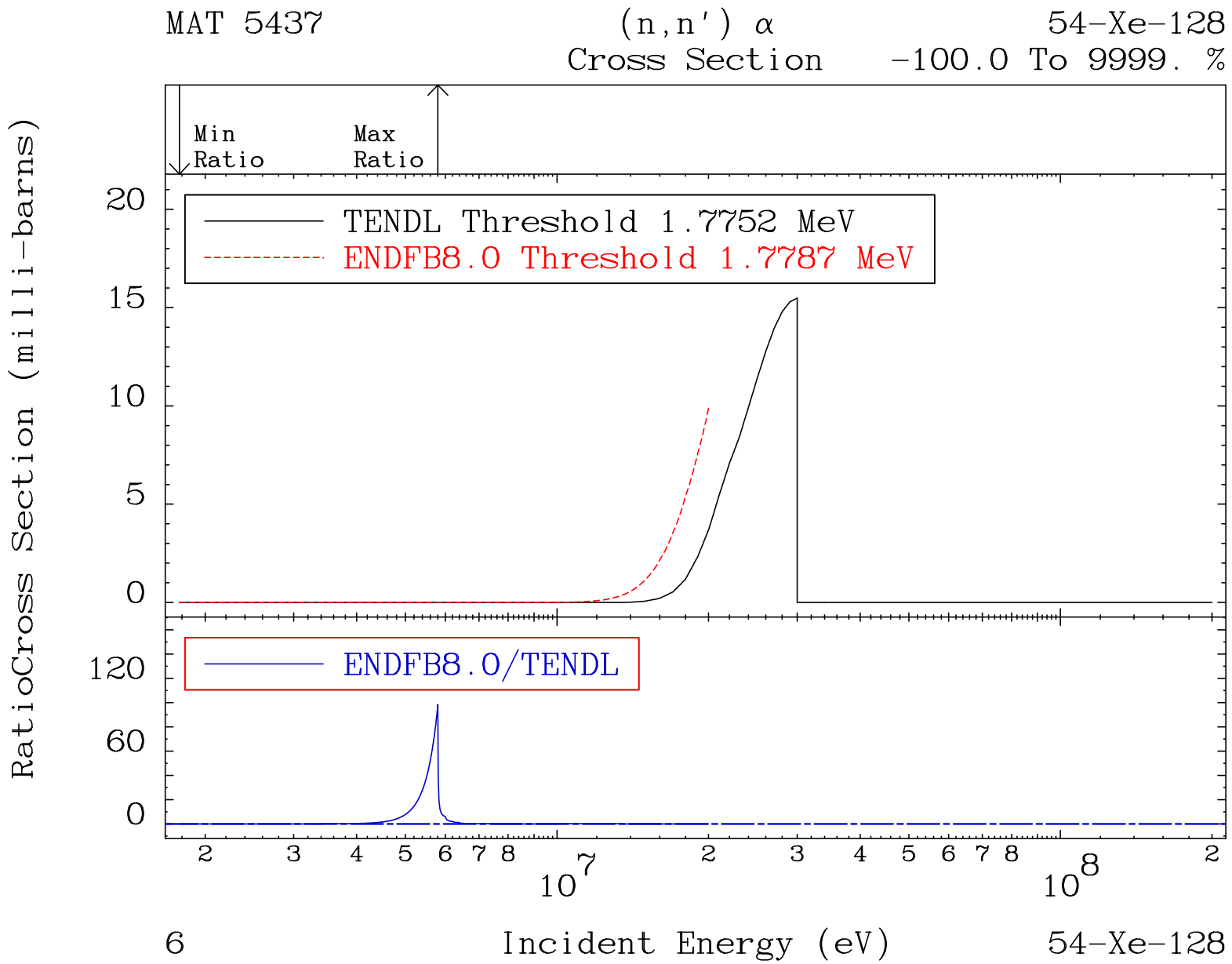

MAT 5437
Total
Cross Section
54-Xe-128
-99.24 To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
1
54-Xe-128

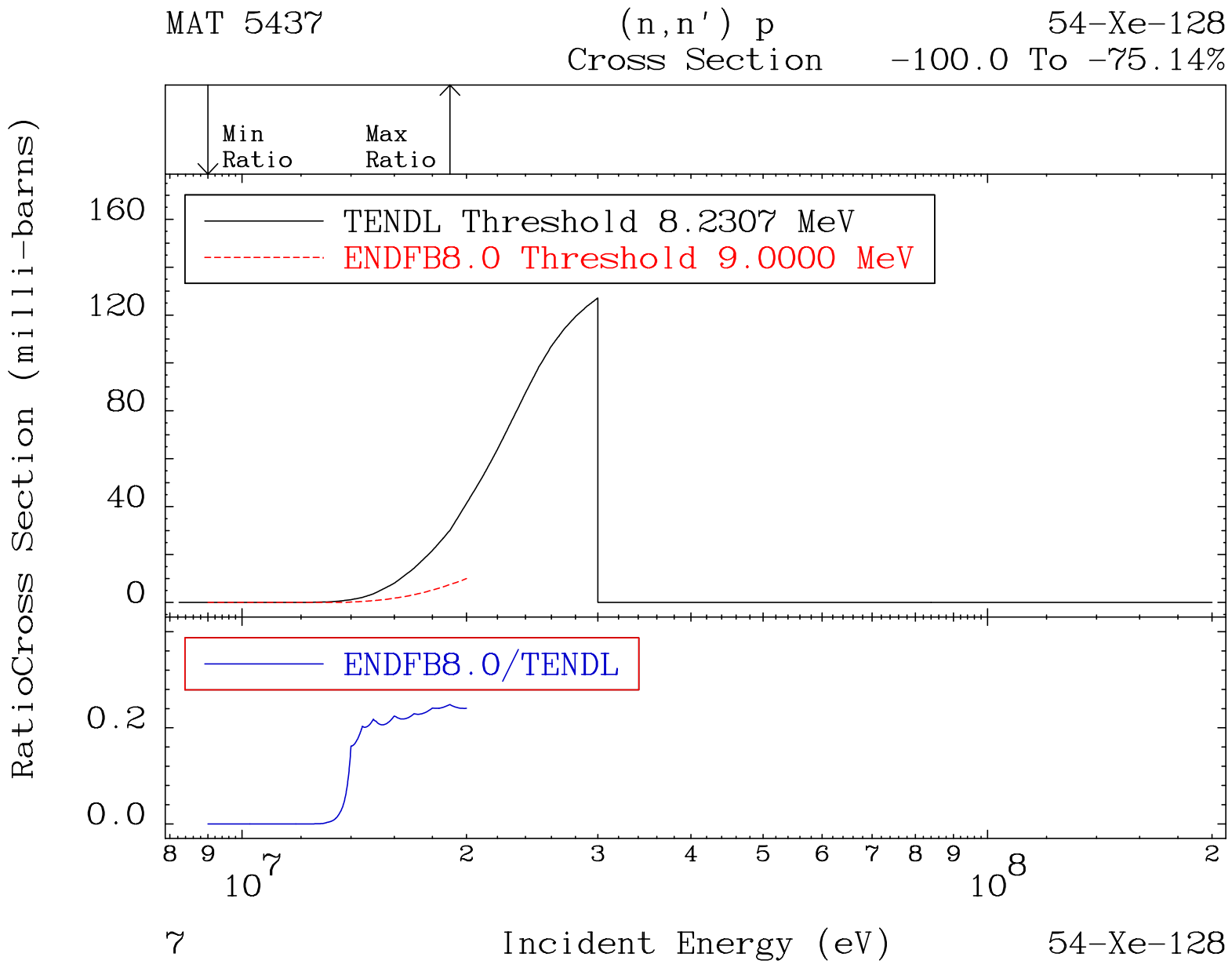

MAT 5437
Elastic
Cross Section
54-Xe-128
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
54-Xe-128

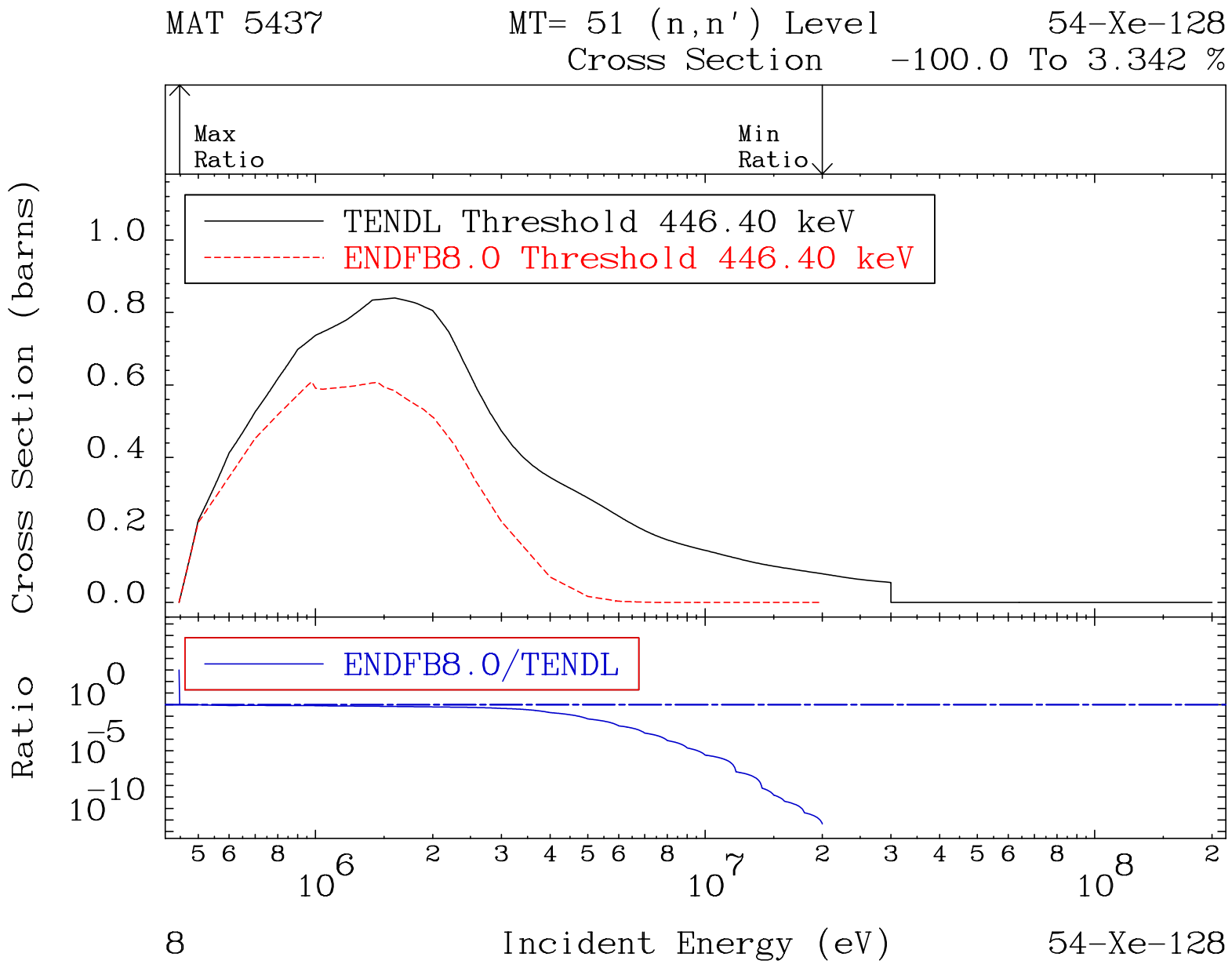

MAT 5437
Inelastic
Cross Section
54-Xe-128
-78.47 To 3.342 %
Max
Ratio
Min
Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
1.2
0.8
0.4
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
3
Incident Energy (eV)
54-Xe-128

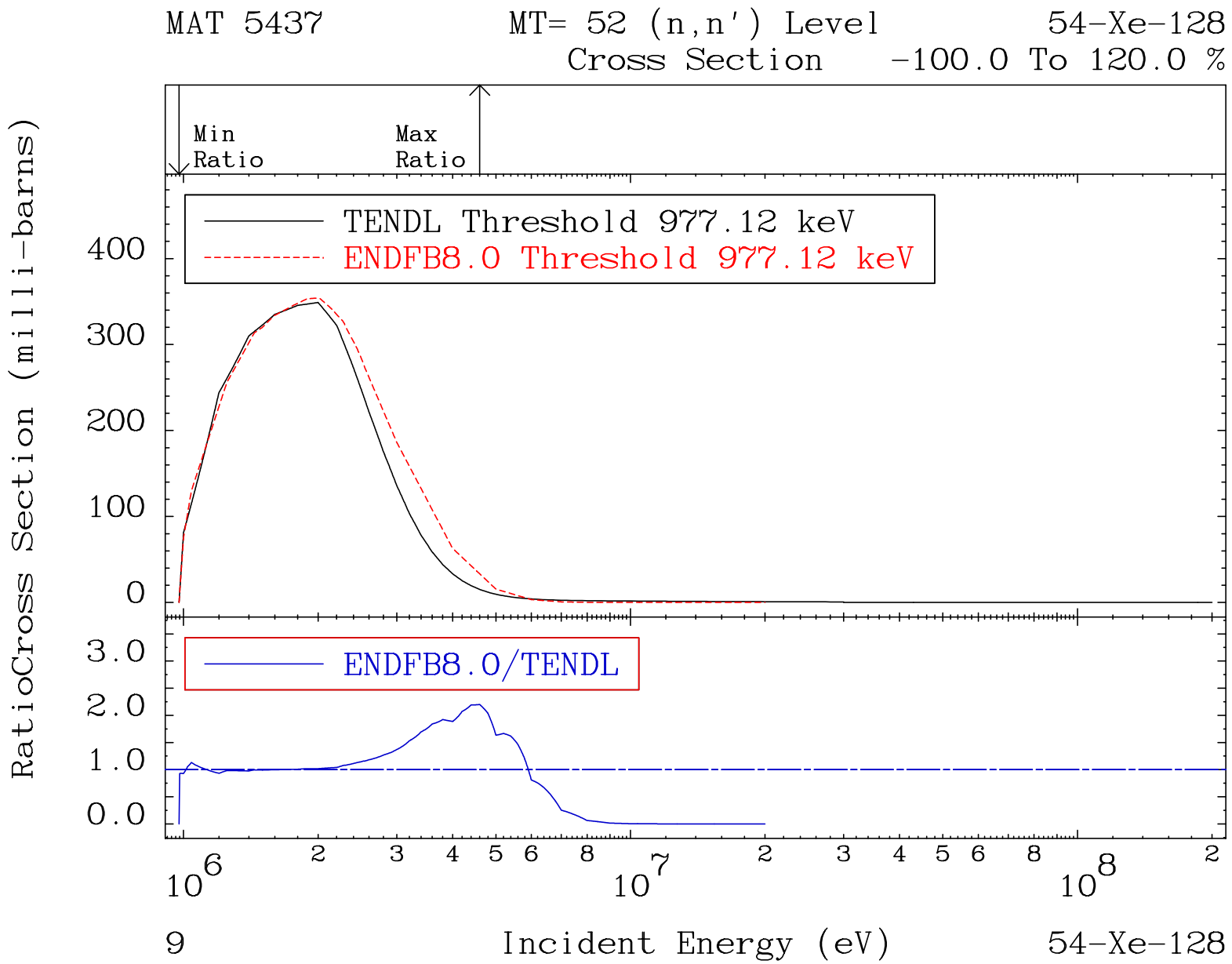

MAT 5437
(n,2n)
Cross Section
54-Xe-128
-100.0 To 39.98 %
Max
Ratio
TENDL Threshold 9.6868 MeV
ENDFB8.0 Threshold 9.6972 MeV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
2.0
1.0
0.0
10^7
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
54-Xe-128

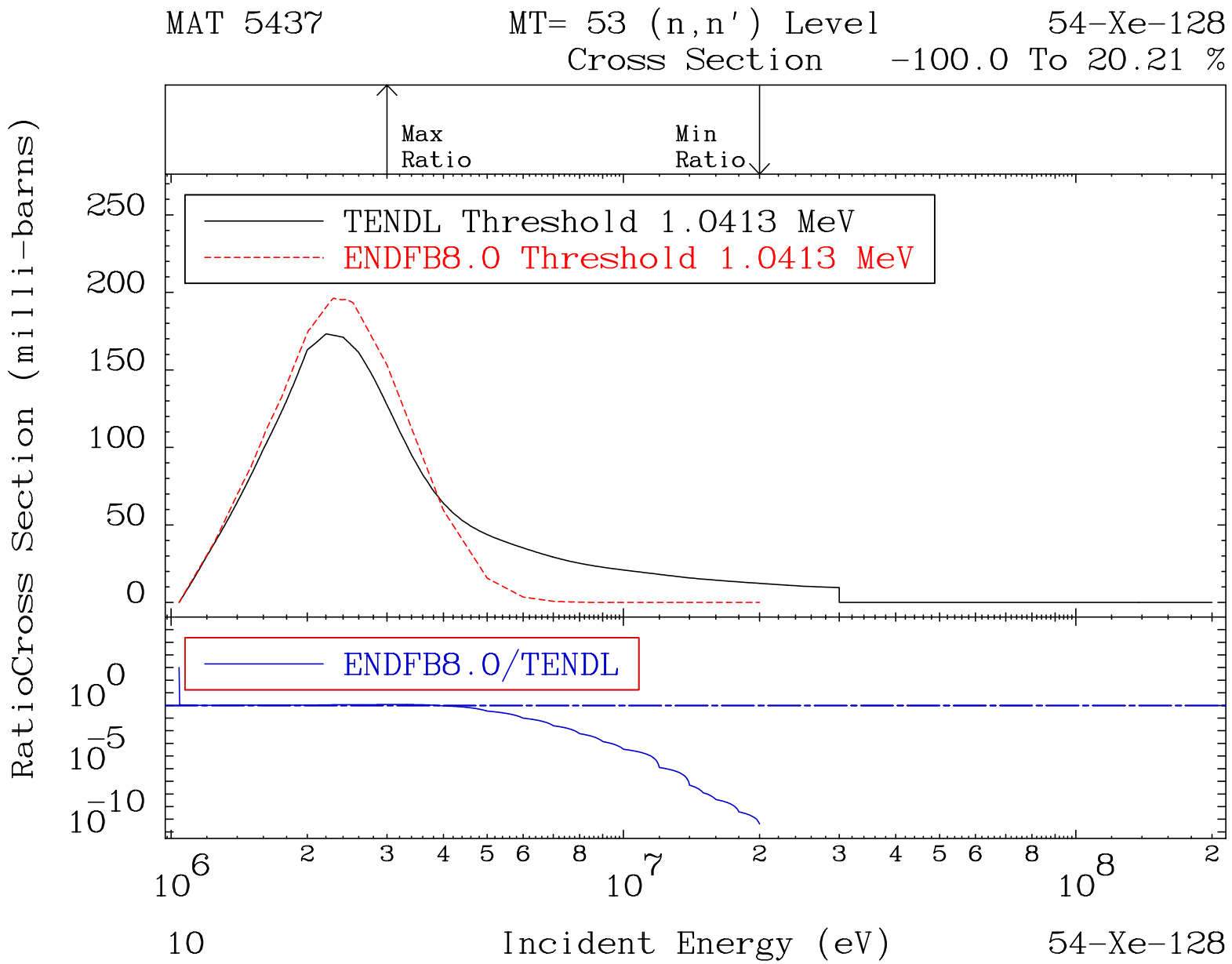

MAT 5437
(n,3n)
54-Xe-128
Cross Section
-100.0 To 2903. %
Max
Ratio
TENDL Threshold 16.990 MeV
ENDFB8.0 Threshold 17.000 MeV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
1.0
0.8
0.6
0.4
0.2
0.0
40
20
0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
54-Xe-128

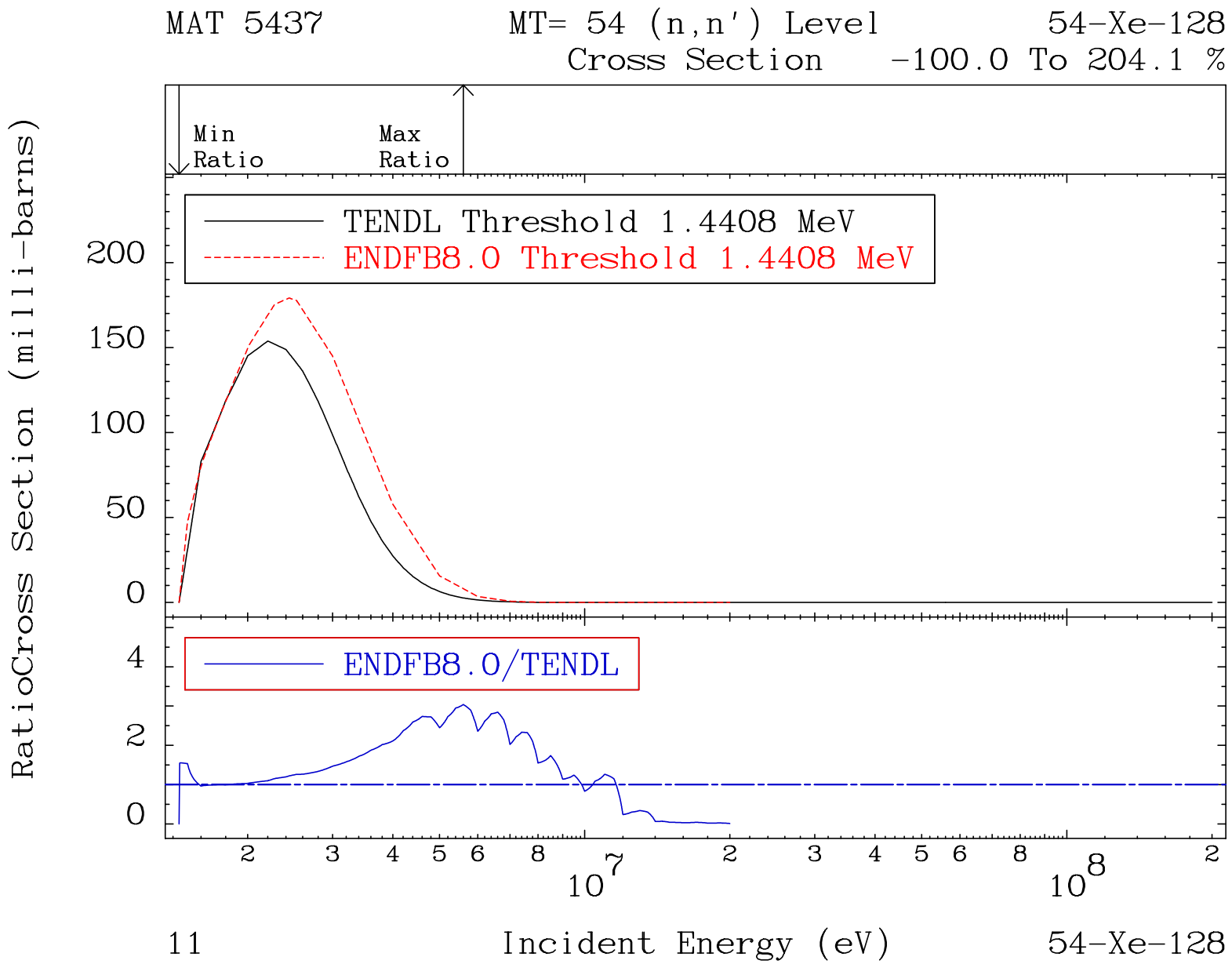

MAT 5437
(n,n') α
54-Xe-128
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 1.7752 MeV
ENDFB8.0 Threshold 1.7787 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
20
15
10
5
0
120
60
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
6
Incident Energy (eV)
54-Xe-128

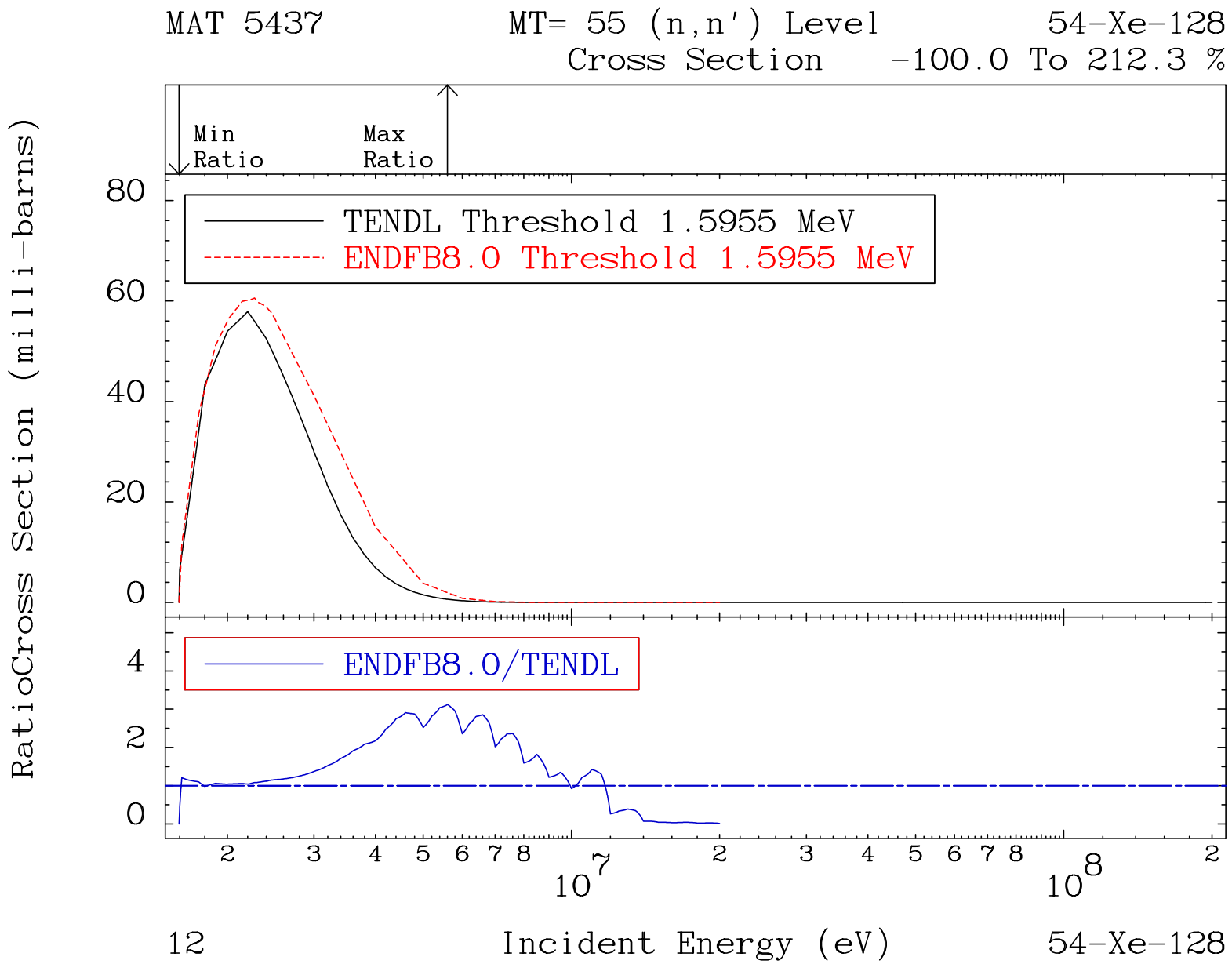

MAT 5437
(n,n') p
Cross Section
54-Xe-128
-100.0 To -75.14%
Min Ratio
Max Ratio
TENDL Threshold 8.2307 MeV
ENDFB8.0 Threshold 9.0000 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
0.2
0.0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
7
Incident Energy (eV)
54-Xe-128

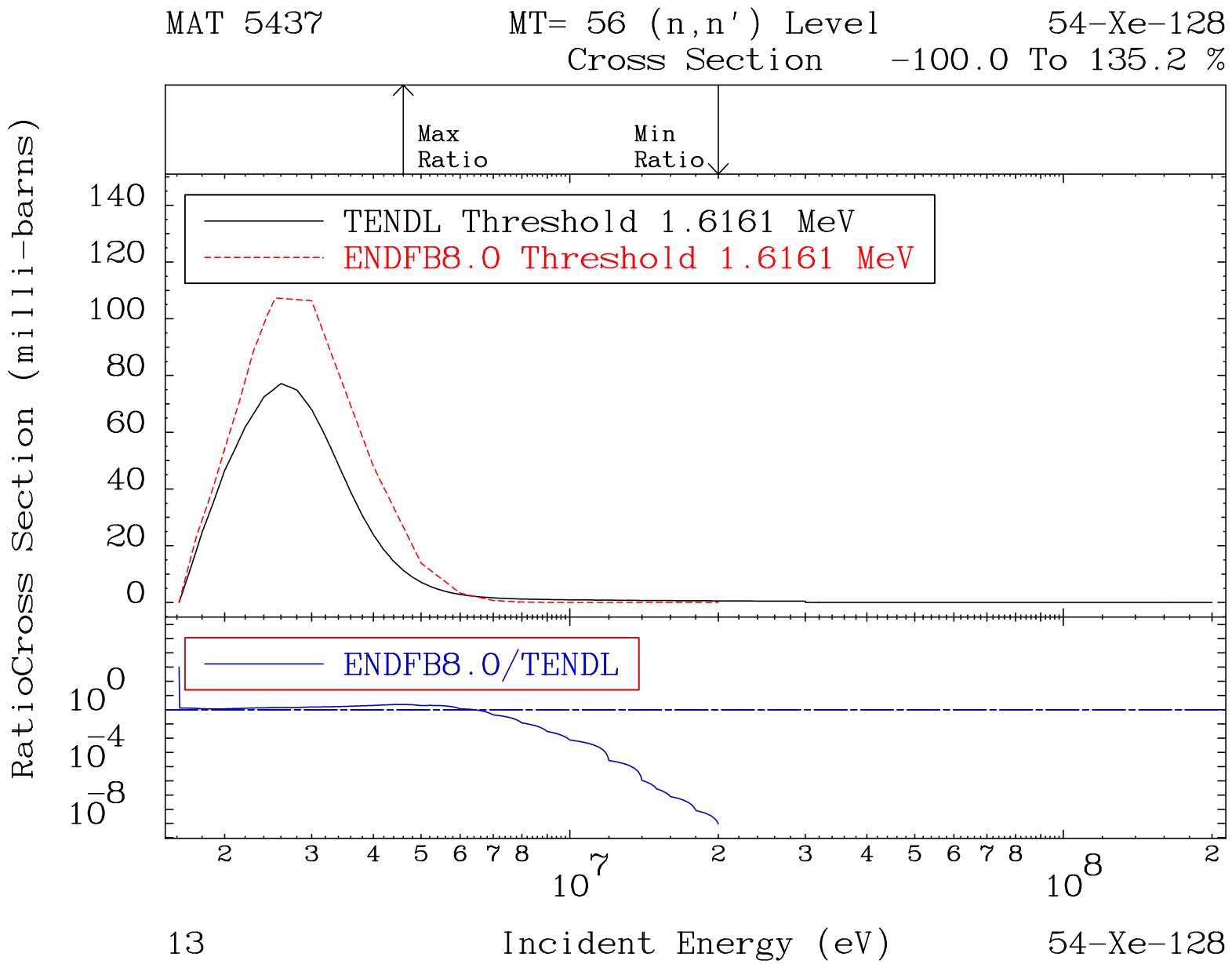

MAT 5437
MT= 51 (n,n') Level
54-Xe-128
Cross Section -100.0 To 3.342 %
Max Ratio
Min Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
ENDFB8.0/TENDL
Ratio
10^0
10^-5
10^-10
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
8
Incident Energy (eV)
54-Xe-128

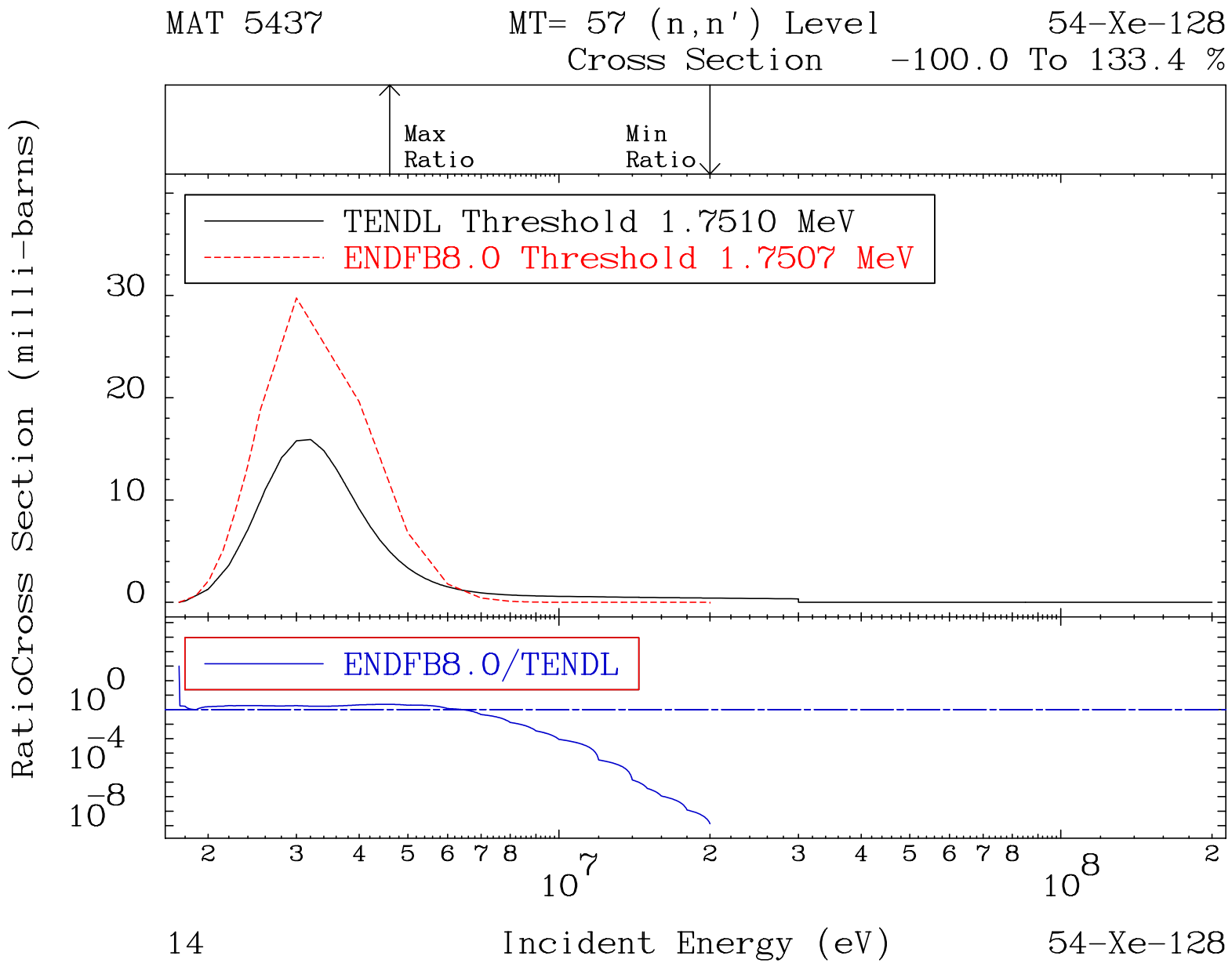

MAT 5437
MT= 52 (n,n') Level
Cross Section
54-Xe-128
-100.0 To 120.0 %
Min Ratio
Max Ratio
TENDL Threshold 977.12 keV
ENDFB8.0 Threshold 977.12 keV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
400
300
200
100
0
3.0
2.0
1.0
0.0
10^6
10^7
10^8
Incident Energy (eV)
9
54-Xe-128

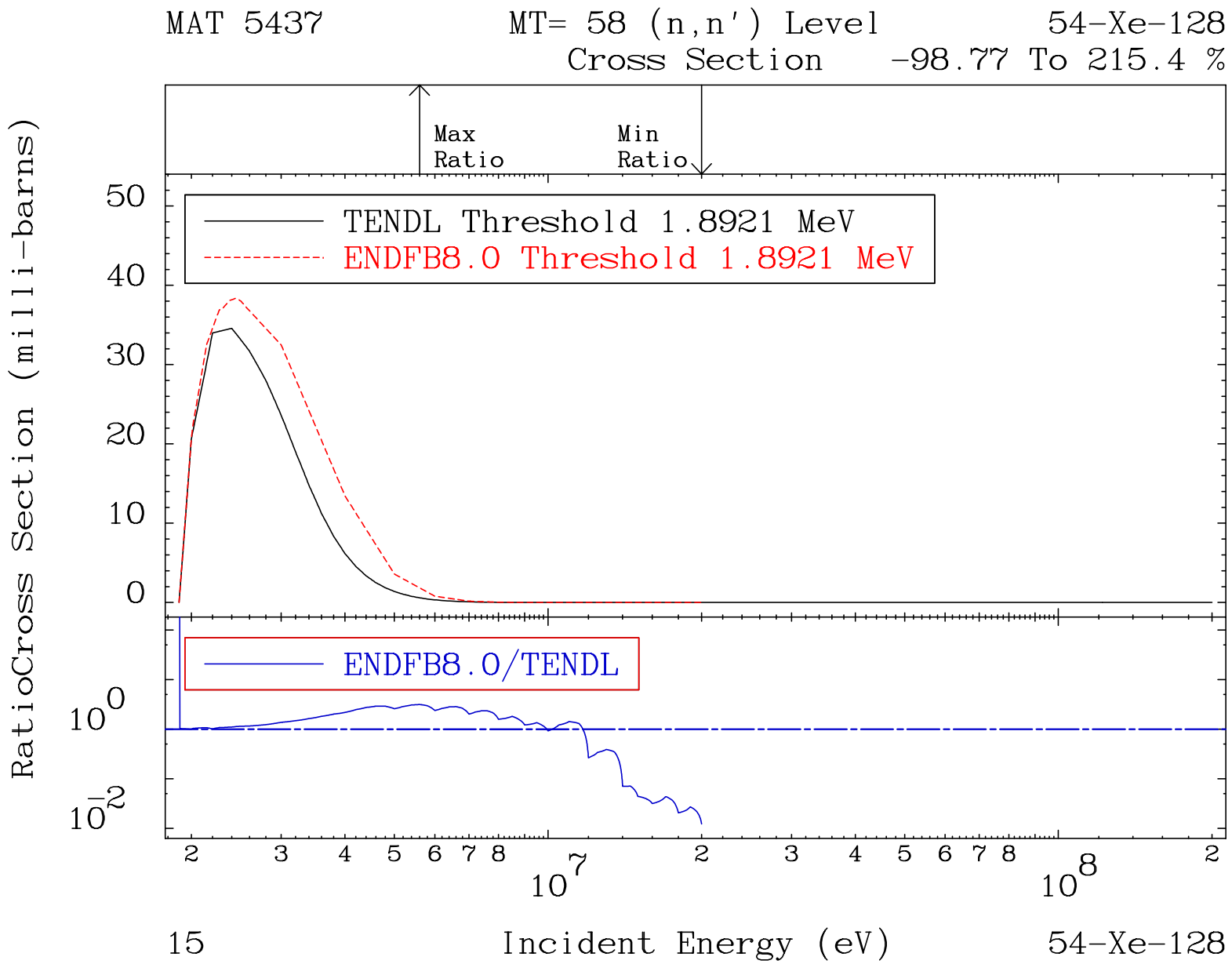

MAT 5437
MT= 53 (n,n') Level
54-Xe-128
Cross Section -100.0 To 20.21 %
Max Ratio
Min Ratio
TENDL Threshold 1.0413 MeV
ENDFB8.0 Threshold 1.0413 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
54-Xe-128

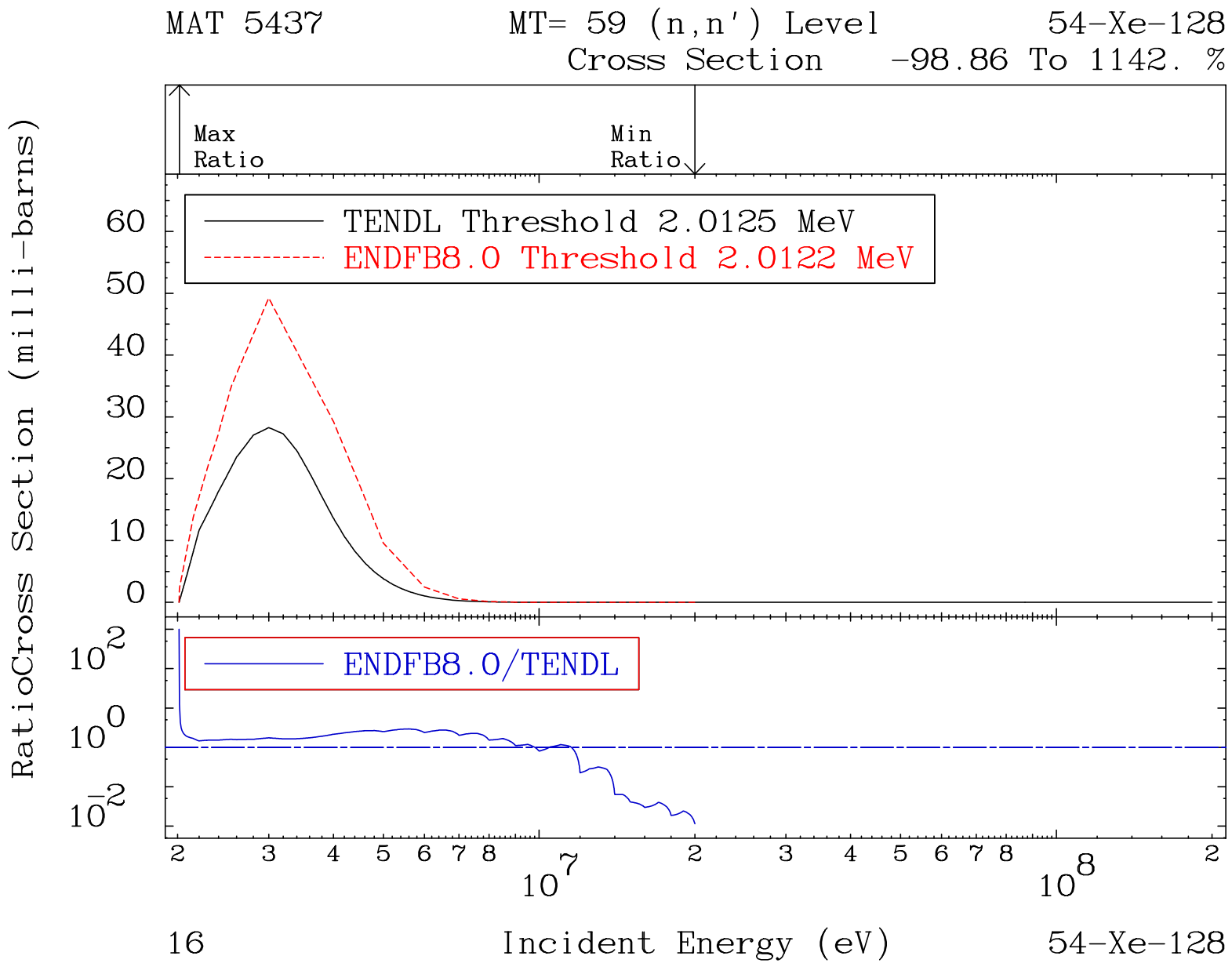

MAT 5437
MT= 54 (n,n') Level
54-Xe-128
Cross Section
-100.0 To 204.1 %
Min Ratio
Max Ratio
TENDL Threshold 1.4408 MeV
ENDFB8.0 Threshold 1.4408 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
4
2
0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
11
Incident Energy (eV)
54-Xe-128

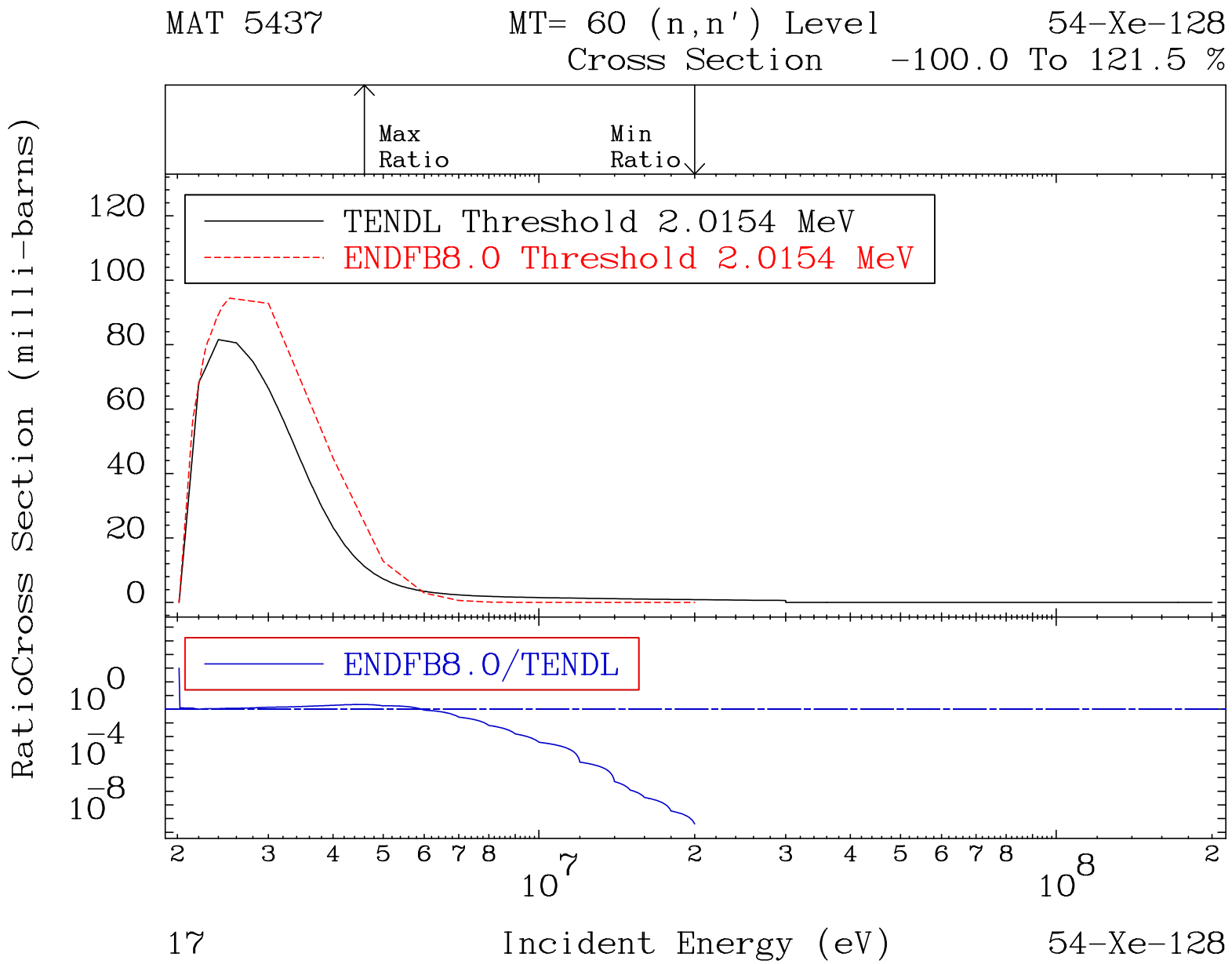

MAT 5437
MT= 55 (n,n') Level
54-Xe-128
Cross Section
-100.0 To 212.3 %
Min Ratio
Max Ratio
TENDL Threshold 1.5955 MeV
ENDFB8.0 Threshold 1.5955 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
4
2
0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
12
Incident Energy (eV)
54-Xe-128

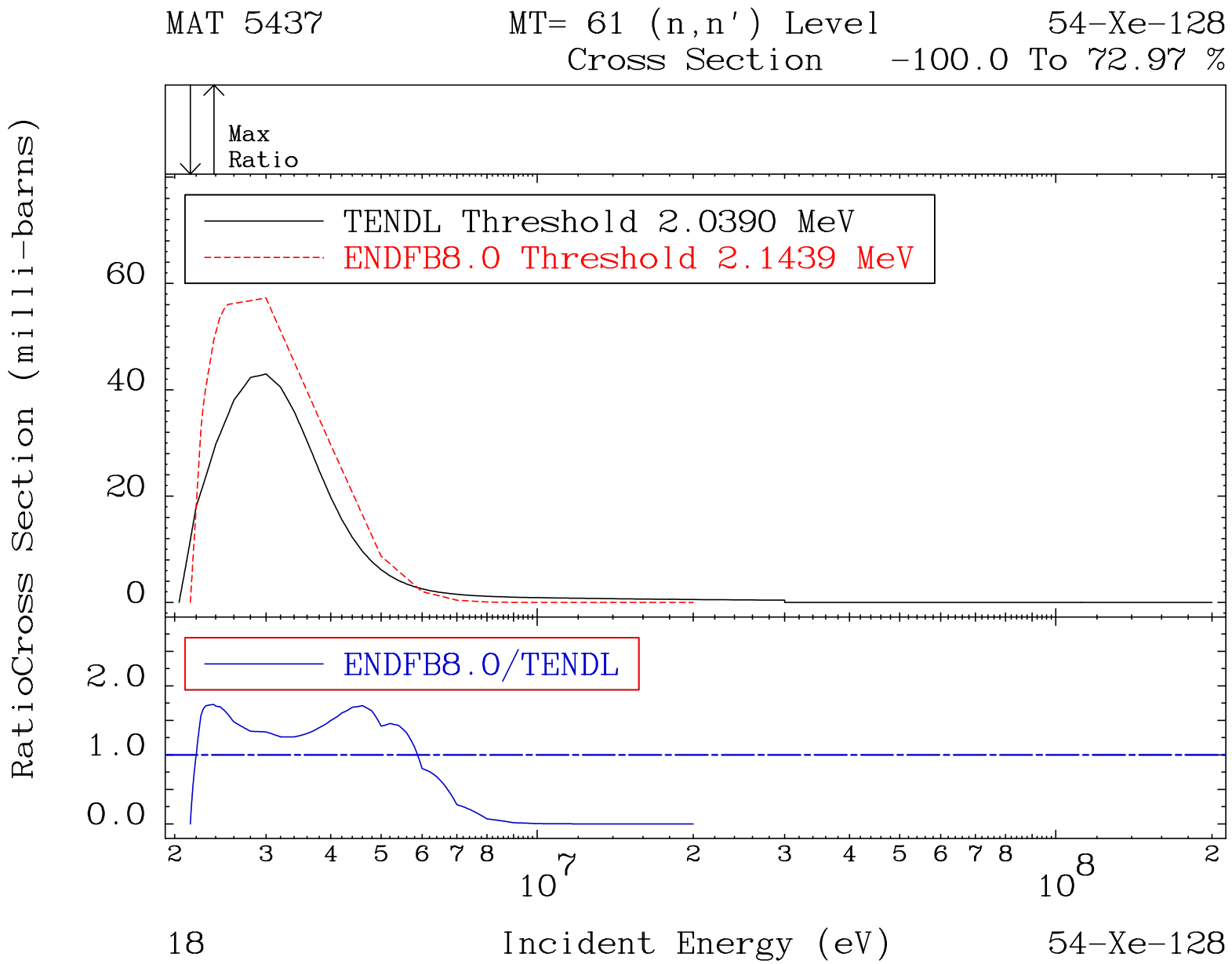

MAT 5437
MT= 56 (n,n') Level
54-Xe-128
Cross Section -100.0 To 135.2 %
Max Ratio
Min Ratio
TENDL Threshold 1.6161 MeV
ENDFB8.0 Threshold 1.6161 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
10^{0}
10^{-4}
10^{-8}
2 3 4 5 6 7 8
10^{7}
2 3 4 5 6 7 8
10^{8}
2
13
Incident Energy (eV)
54-Xe-128

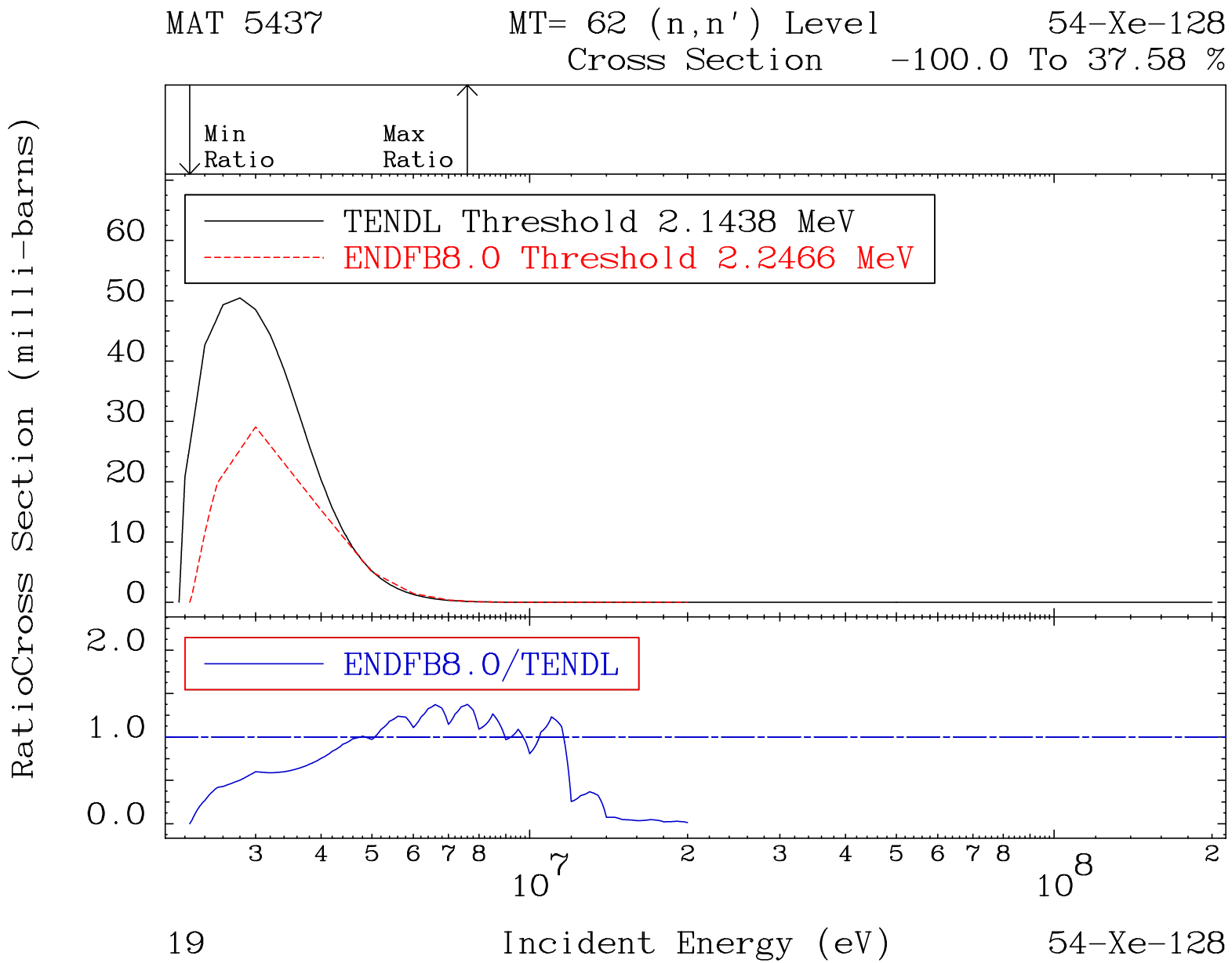

MAT 5437
MT= 57 (n,n') Level
54-Xe-128
Cross Section -100.0 To 133.4 %
Max Ratio
Min Ratio
TENDL Threshold 1.7510 MeV
ENDFB8.0 Threshold 1.7507 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
30
20
10
0
10^{0}
10^{-4}
10^{-8}
2 3 4 5 6 7 8 10^{7} 2 3 4 5 6 7 8 10^{8} 2
14
Incident Energy (eV)
54-Xe-128

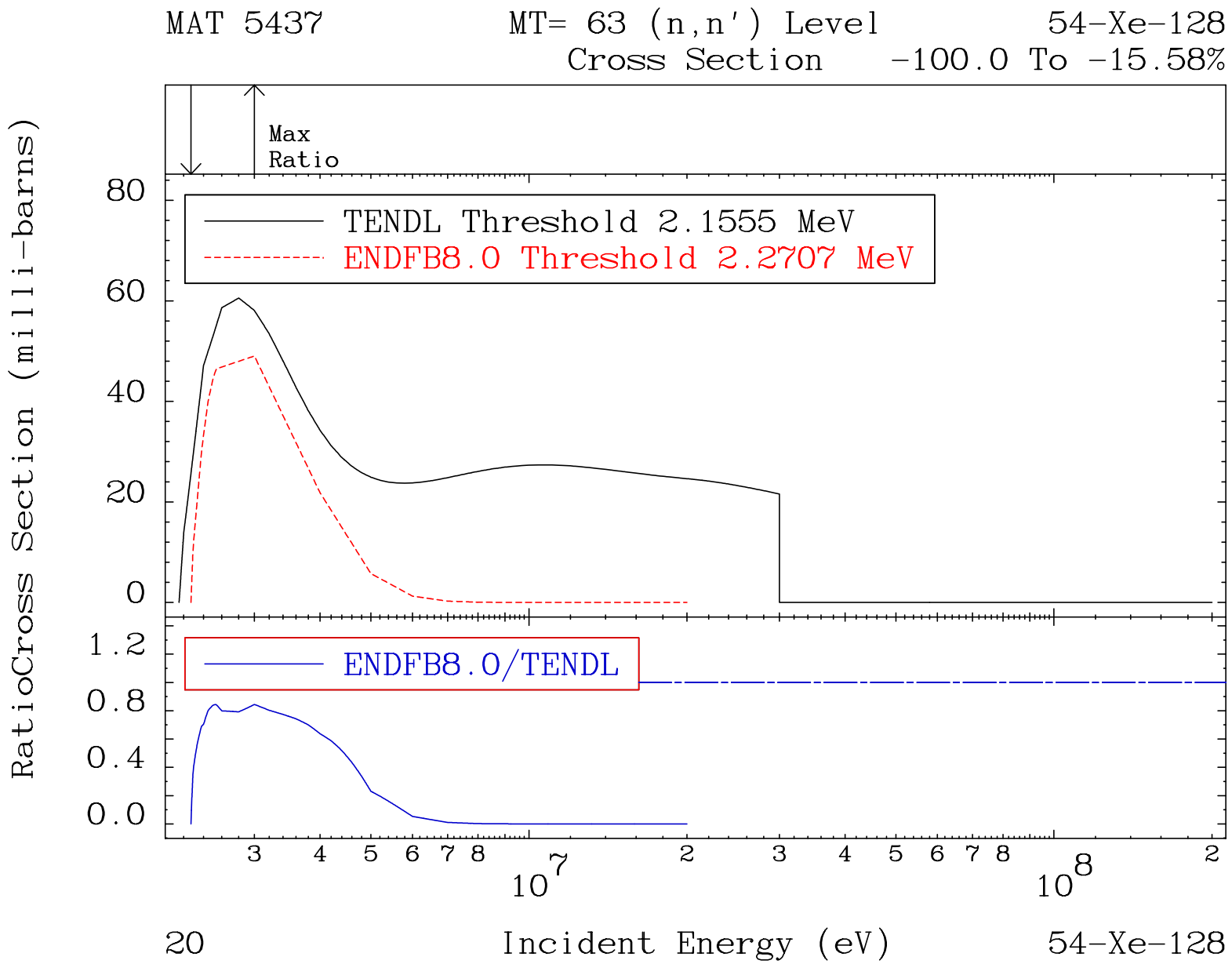

MAT 5437
MT= 58 (n,n') Level
54-Xe-128
Cross Section -98.77 To 215.4 %
Max Ratio
Min Ratio
TENDL Threshold 1.8921 MeV
ENDFB8.0 Threshold 1.8921 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
10^{0}
10^{-2}
2 3 4 5 6 7 8
10^{7}
2 3 4 5 6 7 8
10^{8}
2
15
Incident Energy (eV)
54-Xe-128

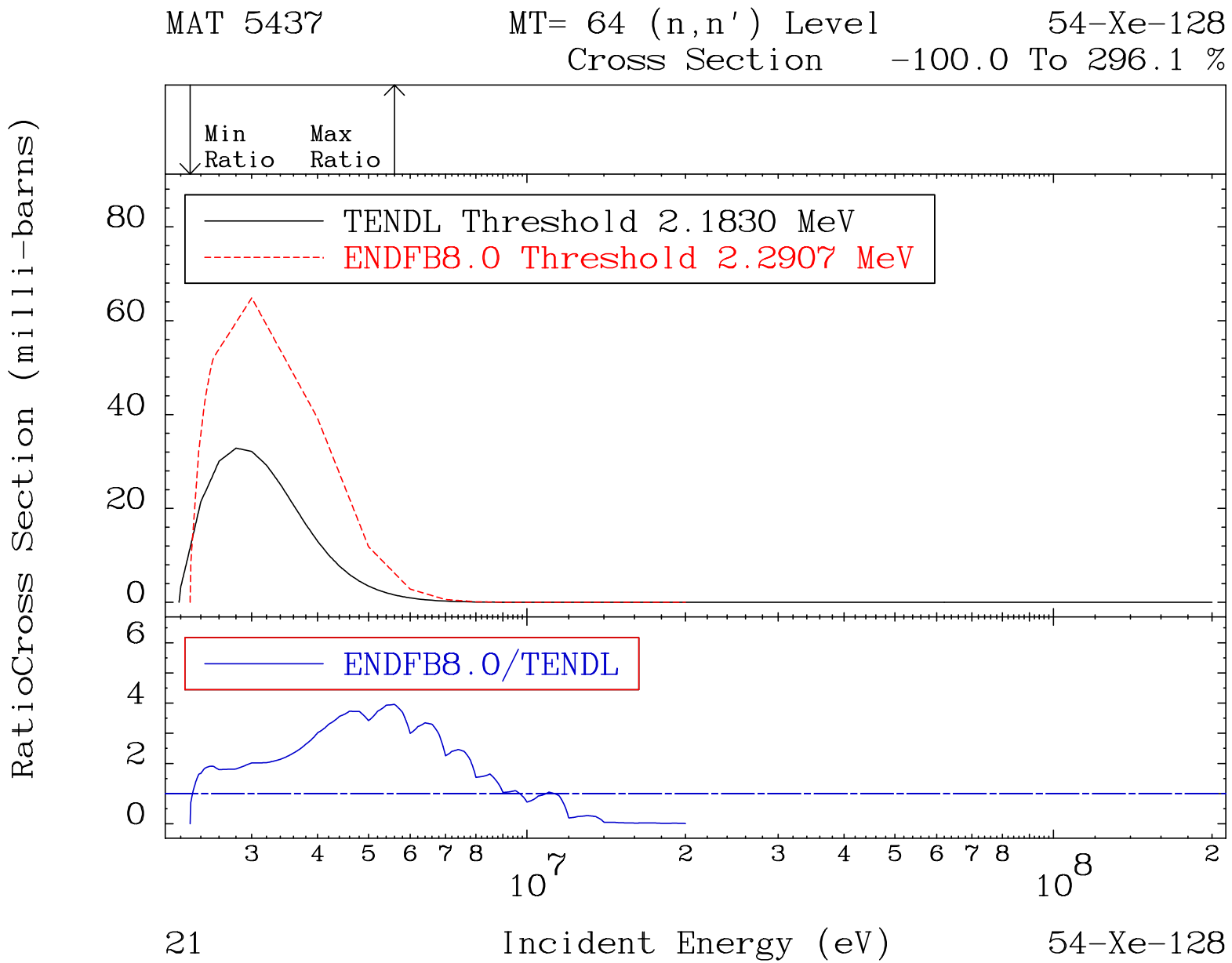

MAT 5437
MT= 59 (n,n') Level
54-Xe-128
Cross Section -98.86 To 1142. %
Max Ratio
Min Ratio
TENDL Threshold 2.0125 MeV
ENDFB8.0 Threshold 2.0122 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
10^2
10^0
10^-2
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
16
Incident Energy (eV)
54-Xe-128

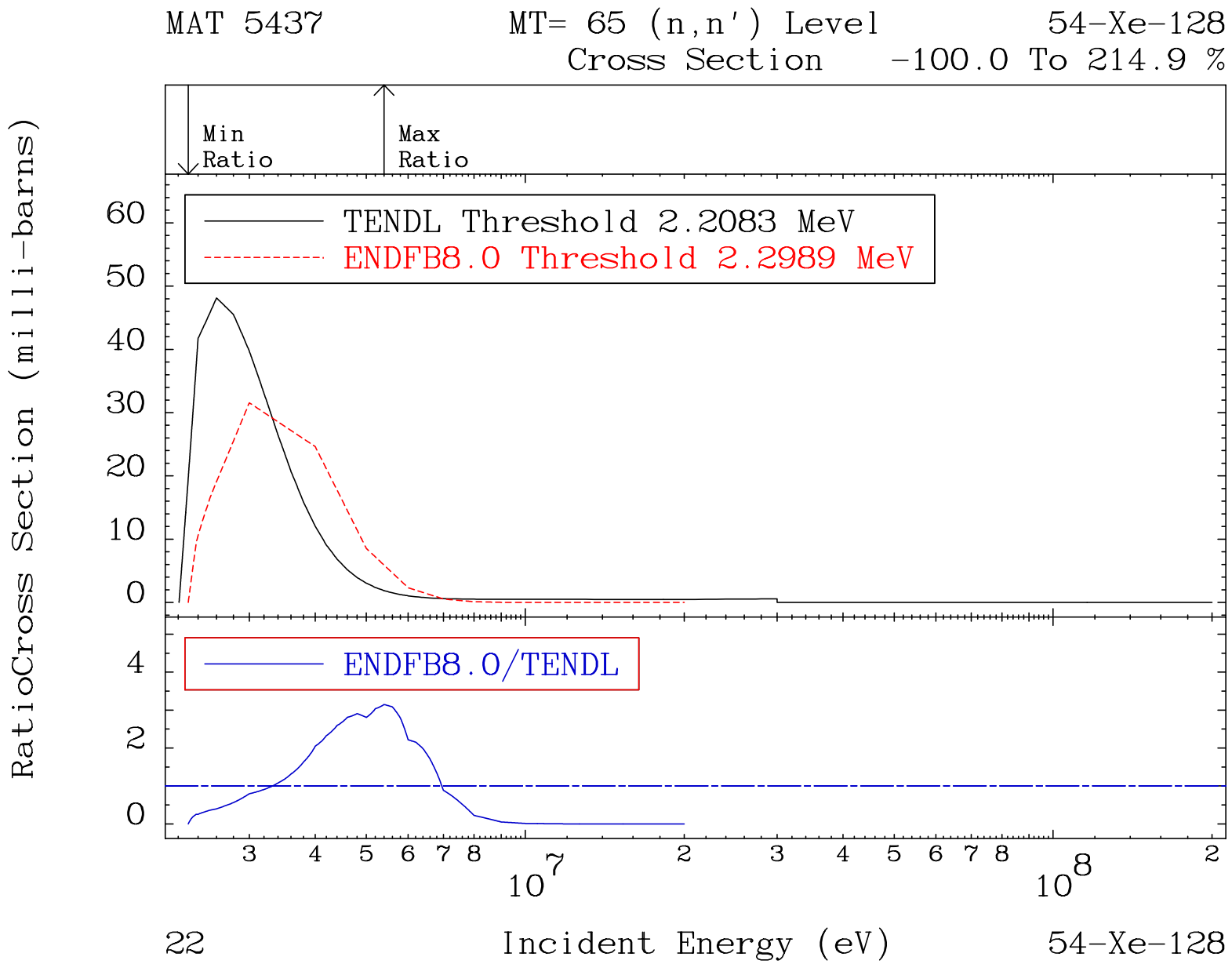

MAT 5437
MT= 60 (n,n') Level
54-Xe-128
Cross Section -100.0 To 121.5 %
Max Ratio
Min Ratio
TENDL Threshold 2.0154 MeV
ENDFB8.0 Threshold 2.0154 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
10^{0}
10^{-4}
10^{-8}
2 3 4 5 6 7 8 10^{7} 2 3 4 5 6 7 8 10^{8} 2
17
Incident Energy (eV)
54-Xe-128

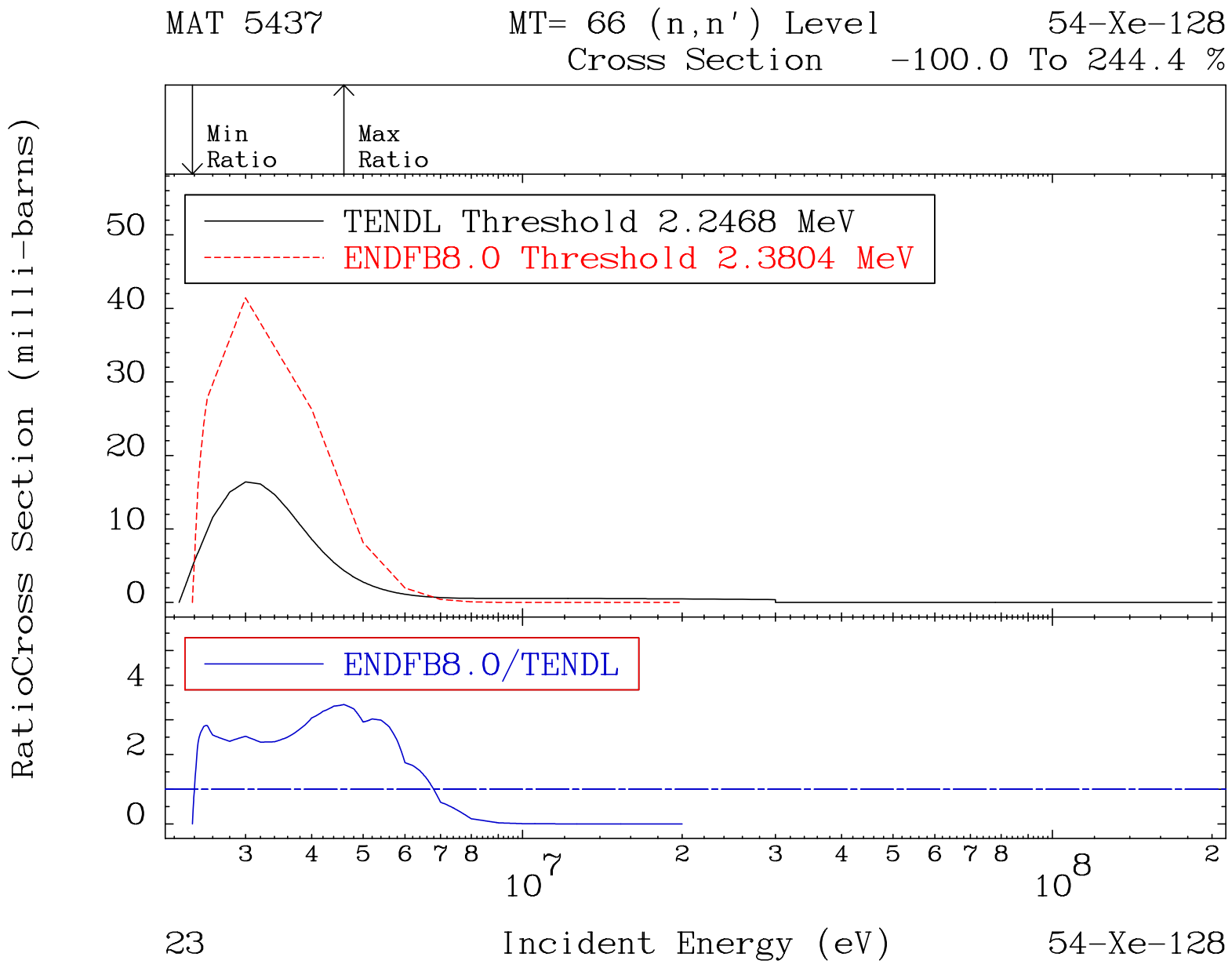

MAT 5437
MT= 61 (n,n') Level
54-Xe-128
Cross Section
-100.0 To 72.97 %
Max
Ratio
TENDL Threshold 2.0390 MeV
ENDFB8.0 Threshold 2.1439 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
40
20
0
2.0
1.0
0.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
18
Incident Energy (eV)
54-Xe-128

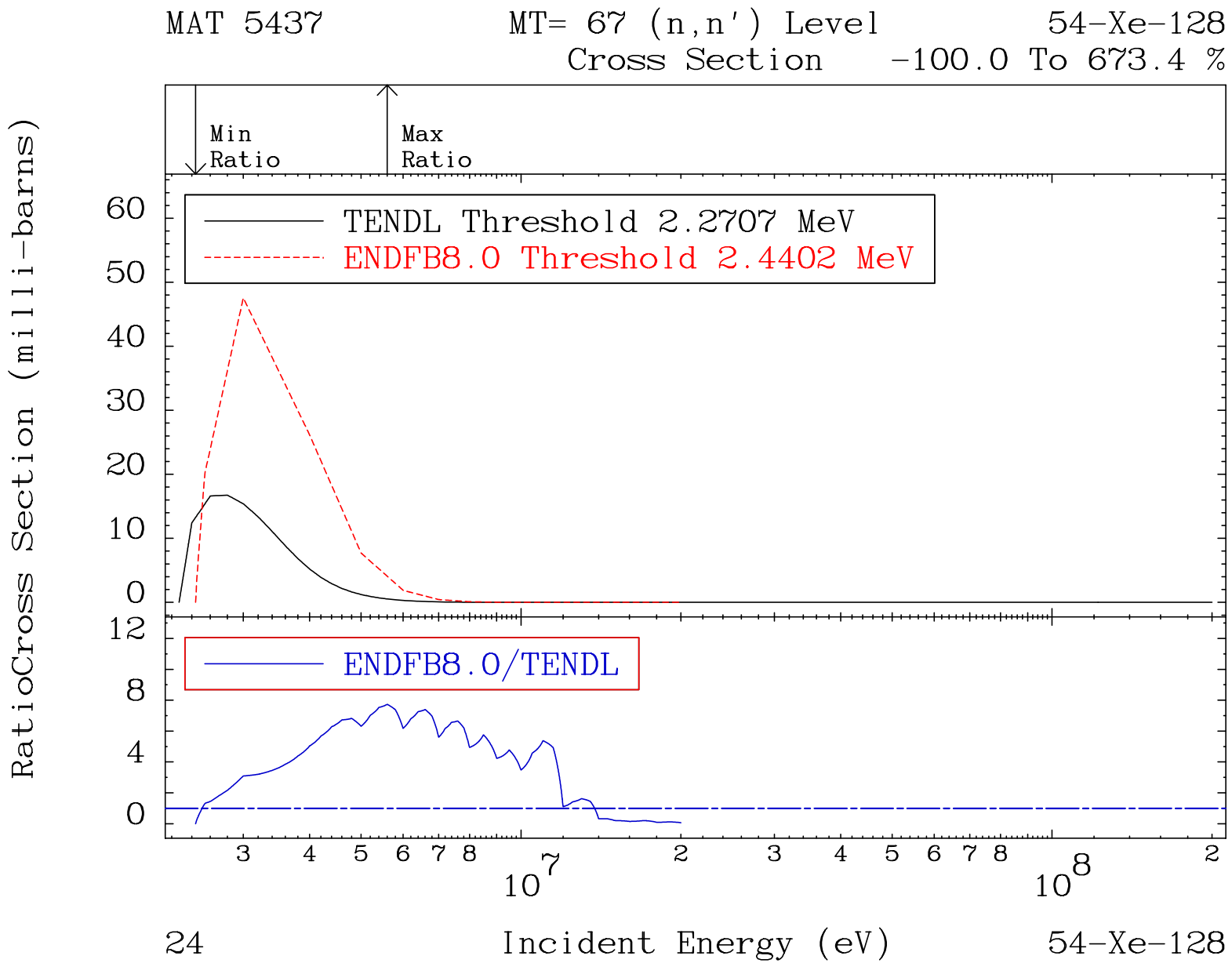

MAT 5437
MT= 62 (n,n') Level
54-Xe-128
Cross Section -100.0 To 37.58 %
Min Ratio
Max Ratio
TENDL Threshold 2.1438 MeV
ENDFB8.0 Threshold 2.2466 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
2.0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
19
Incident Energy (eV)
54-Xe-128

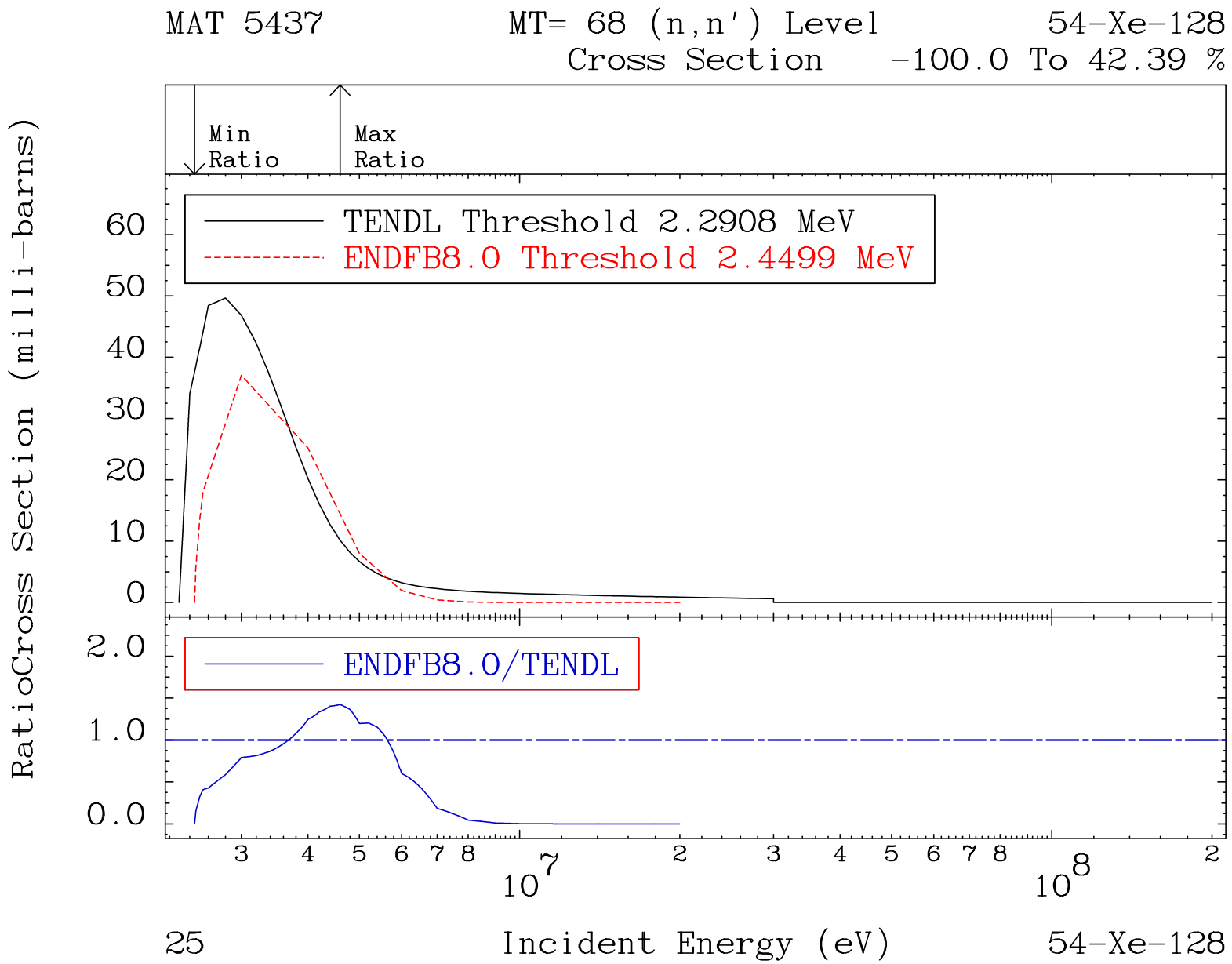

MAT 5437
MT= 63 (n,n') Level
54-Xe-128
Cross Section -100.0 To -15.58%
Max
Ratio
TENDL Threshold 2.1555 MeV
ENDFB8.0 Threshold 2.2707 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.8
0.4
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
20
Incident Energy (eV)
54-Xe-128

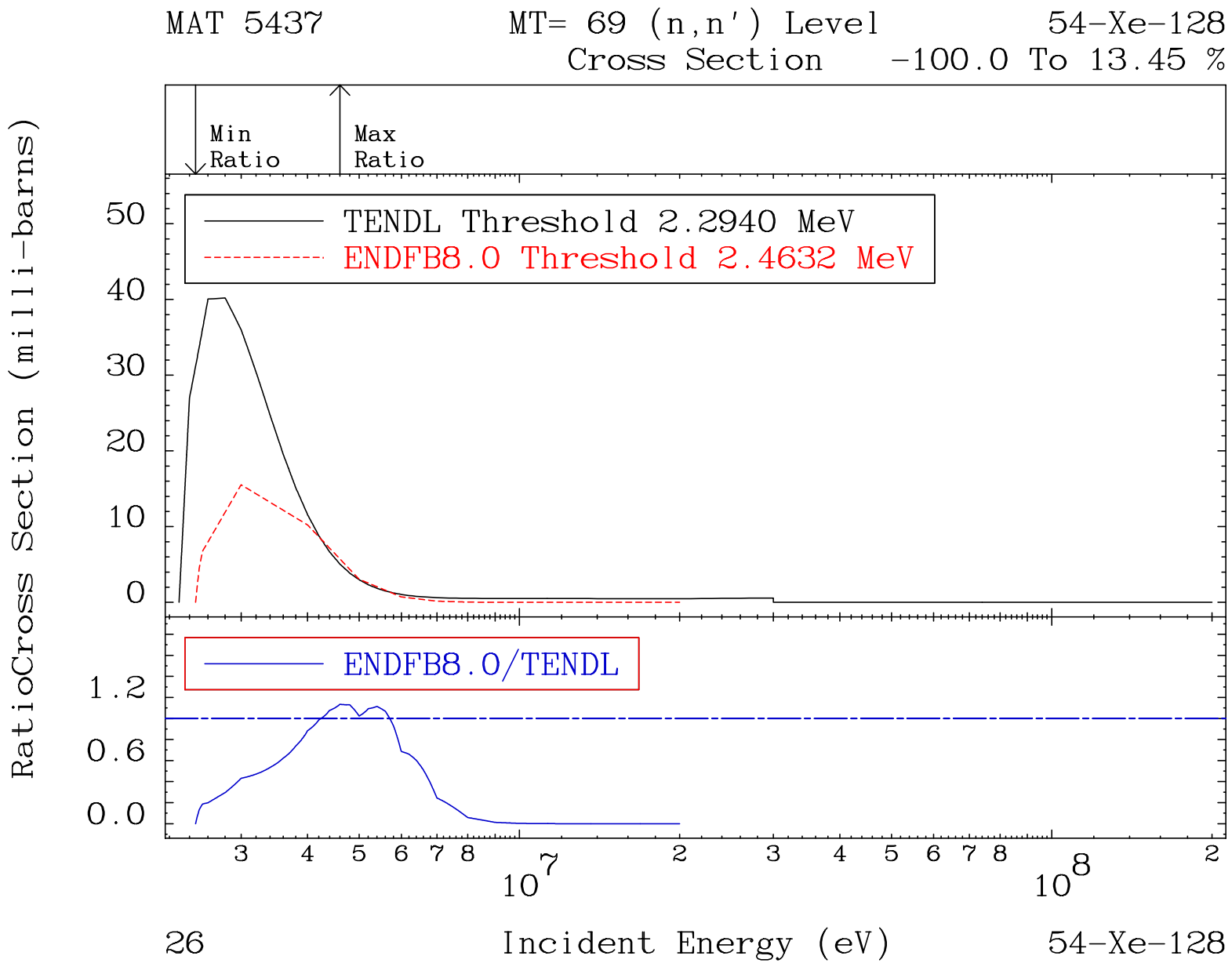

MAT 5437
MT= 64 (n,n') Level
54-Xe-128
Cross Section -100.0 To 296.1 %
Min Ratio
Max Ratio
TENDL Threshold 2.1830 MeV
ENDFB8.0 Threshold 2.2907 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
21
54-Xe-128

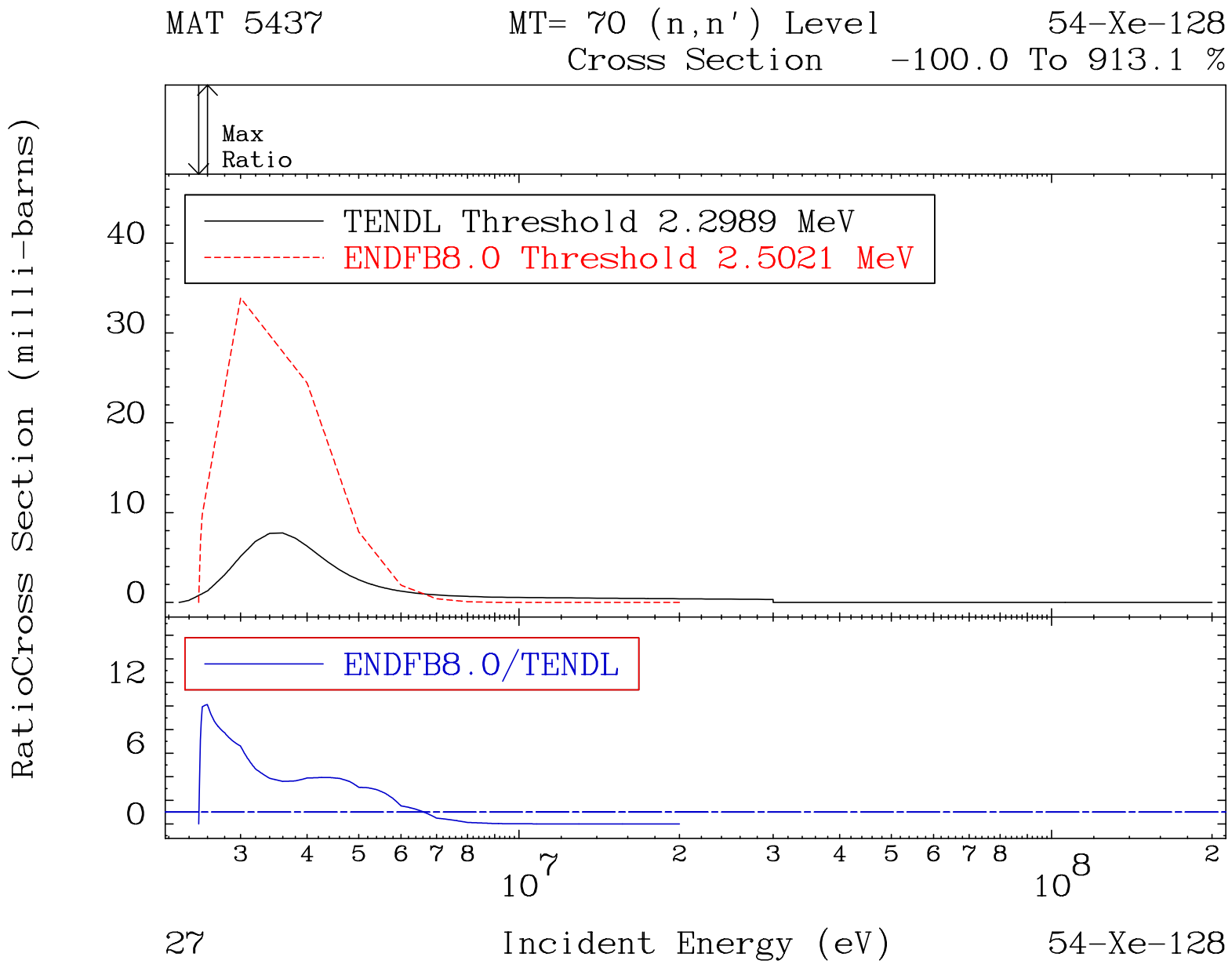

MAT 5437
MT= 65 (n,n') Level
54-Xe-128
Cross Section -100.0 To 214.9 %
Min Ratio
Max Ratio
TENDL Threshold 2.2083 MeV
ENDFB8.0 Threshold 2.2989 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
4
2
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
22
Incident Energy (eV)
54-Xe-128

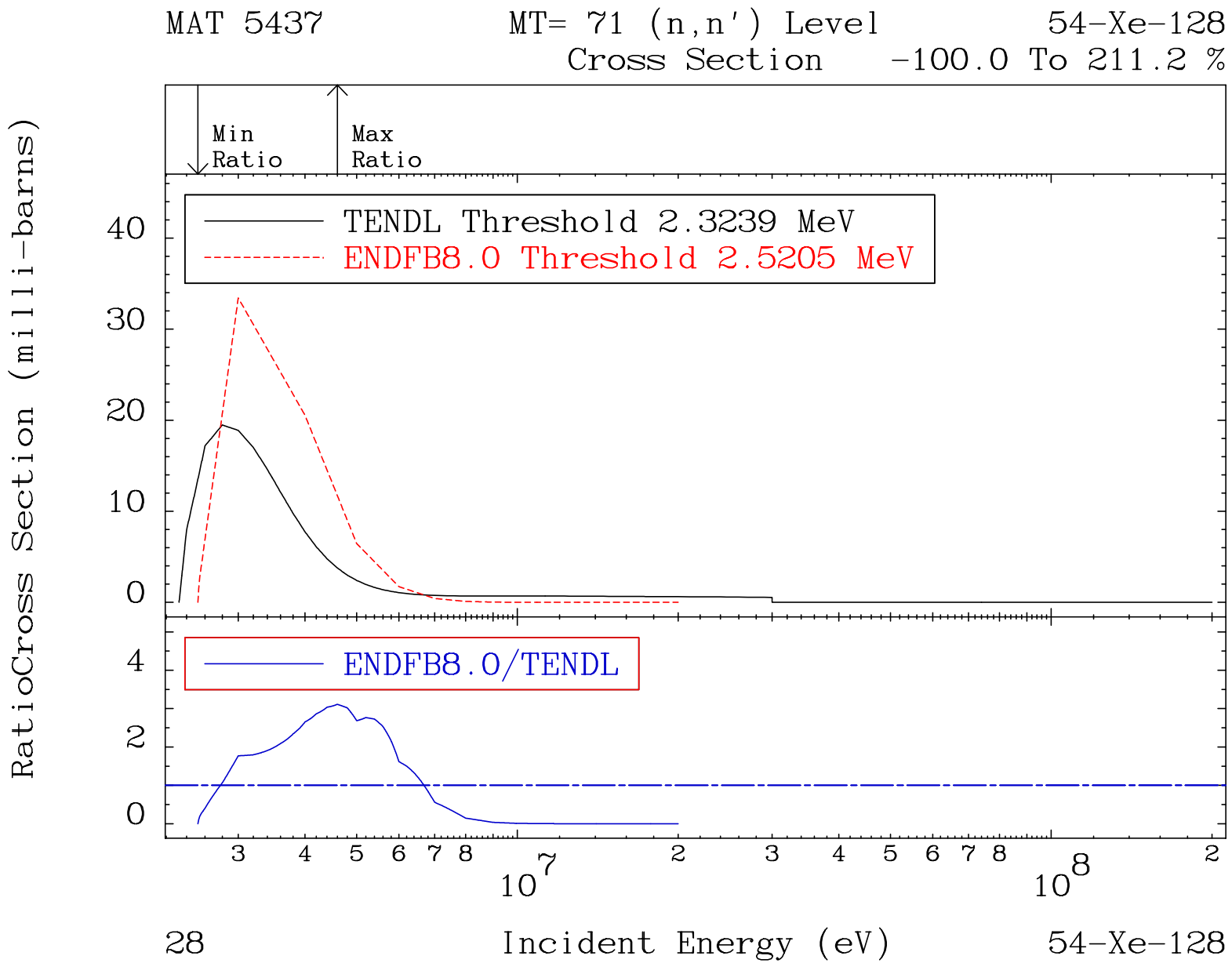

MAT 5437
MT= 66 (n,n') Level
54-Xe-128
Cross Section -100.0 To 244.4 %
Min Ratio
Max Ratio
TENDL Threshold 2.2468 MeV
ENDFB8.0 Threshold 2.3804 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
4
2
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
54-Xe-128

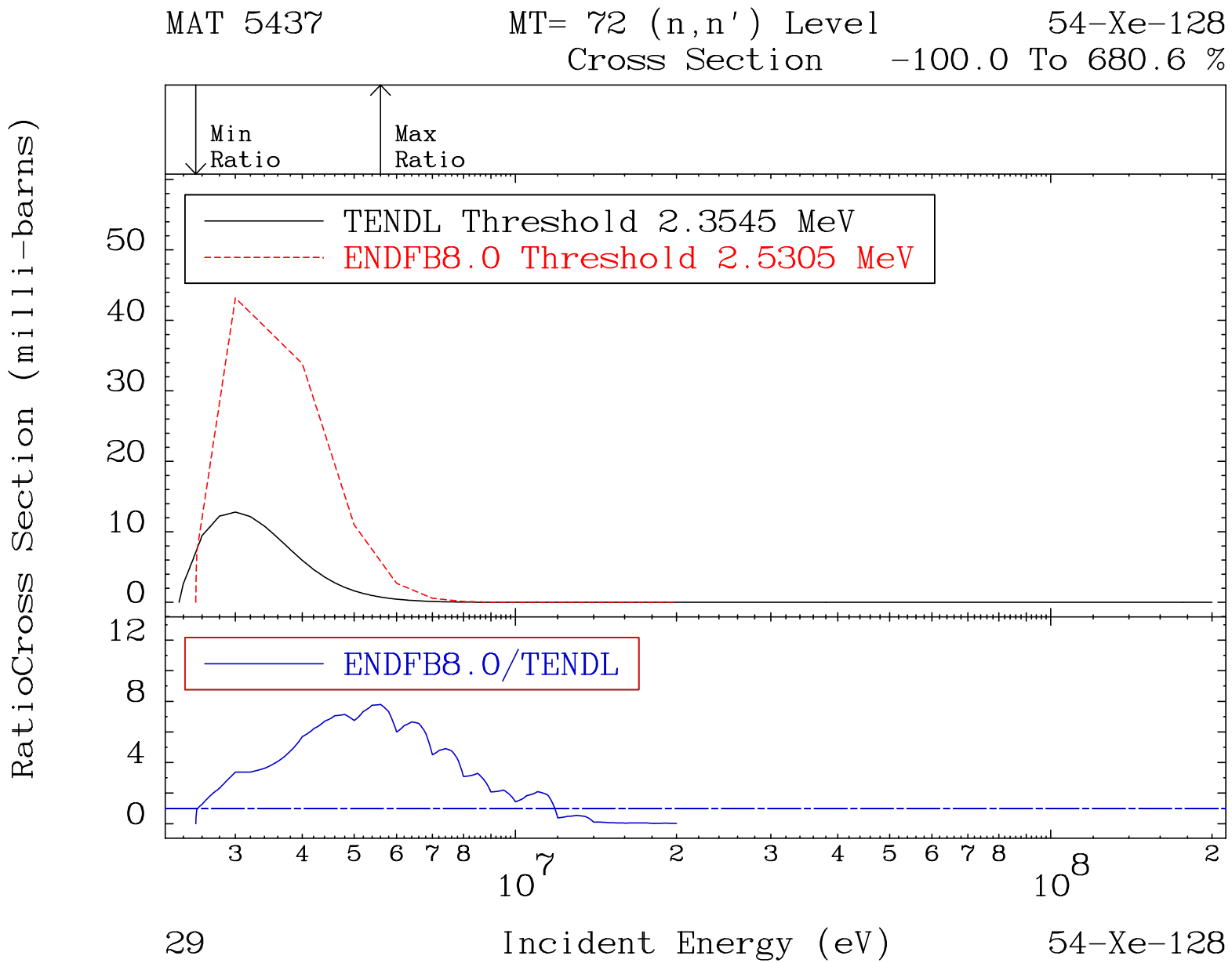

MAT 5437
MT= 67 (n,n') Level
54-Xe-128
Cross Section -100.0 To 673.4 %
Min Ratio
Max Ratio
TENDL Threshold 2.2707 MeV
ENDFB8.0 Threshold 2.4402 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
12
8
4
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
54-Xe-128

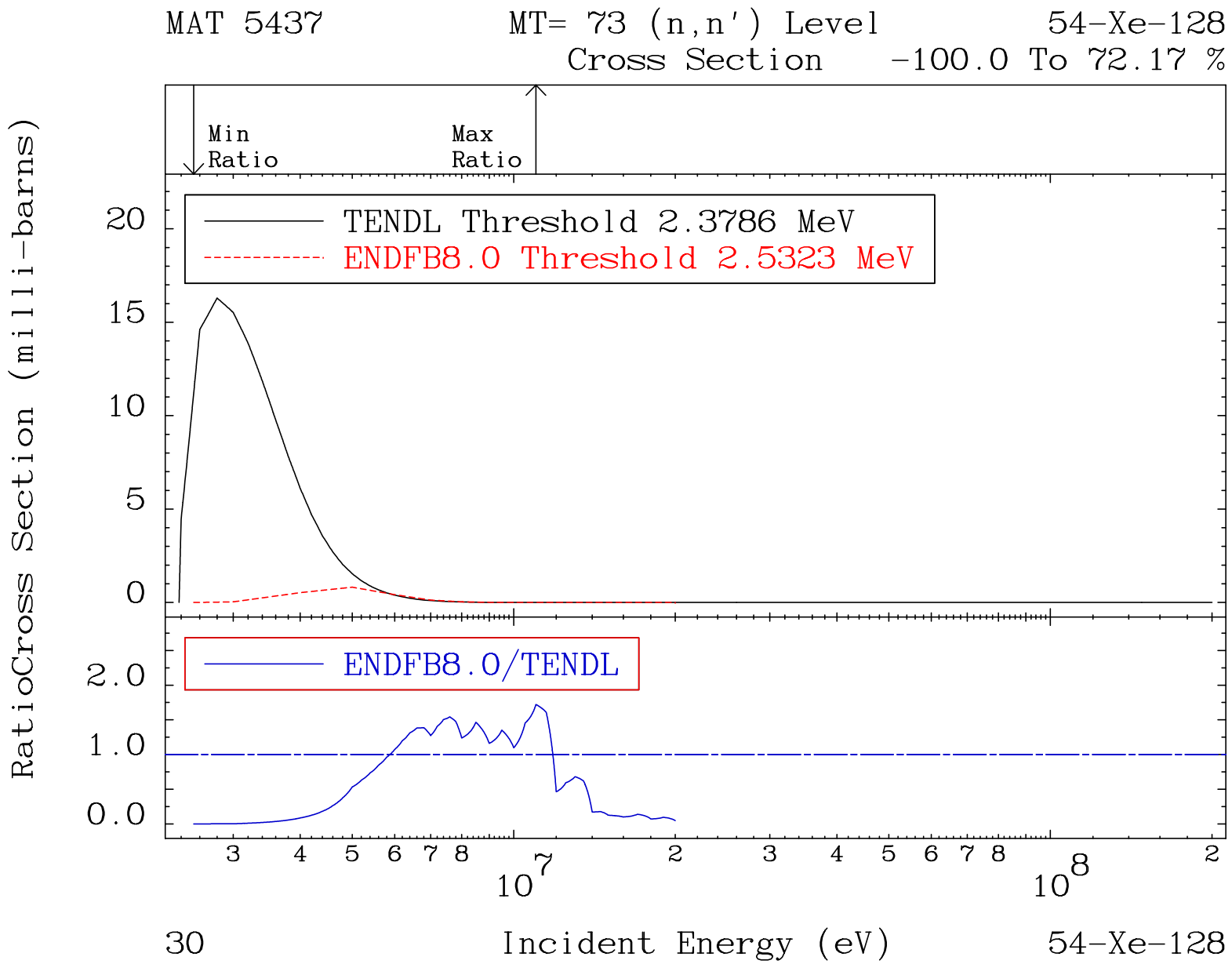

MAT 5437
MT= 68 (n,n') Level
54-Xe-128
Cross Section -100.0 To 42.39 %
Min Ratio
Max Ratio
TENDL Threshold 2.2908 MeV
ENDFB8.0 Threshold 2.4499 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
2.0
1.0
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
25
Incident Energy (eV)
54-Xe-128

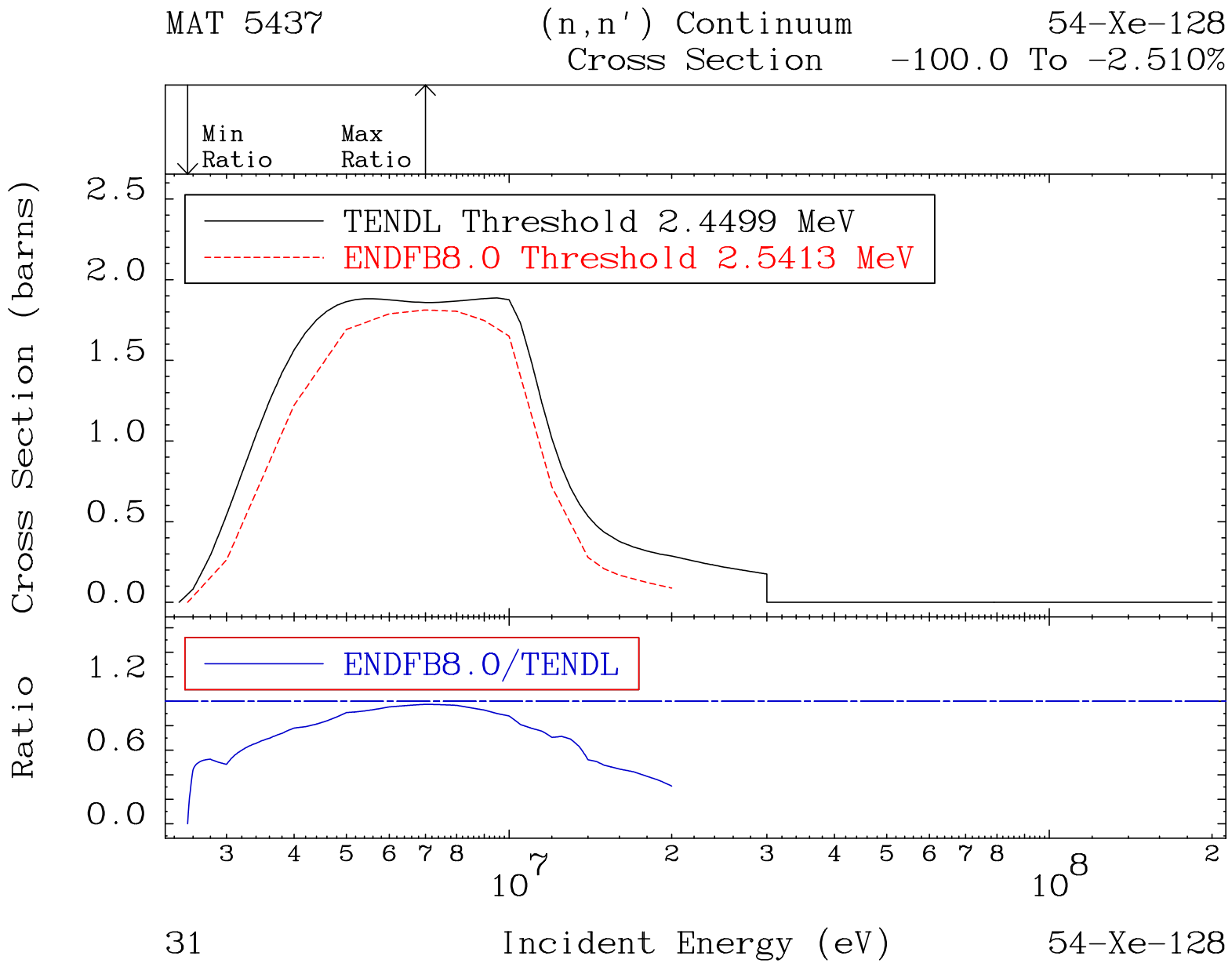

MAT 5437
MT= 69 (n,n') Level
54-Xe-128
Cross Section -100.0 To 13.45 %
Min Ratio
Max Ratio
TENDL Threshold 2.2940 MeV
ENDFB8.0 Threshold 2.4632 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
26
Incident Energy (eV)
54-Xe-128

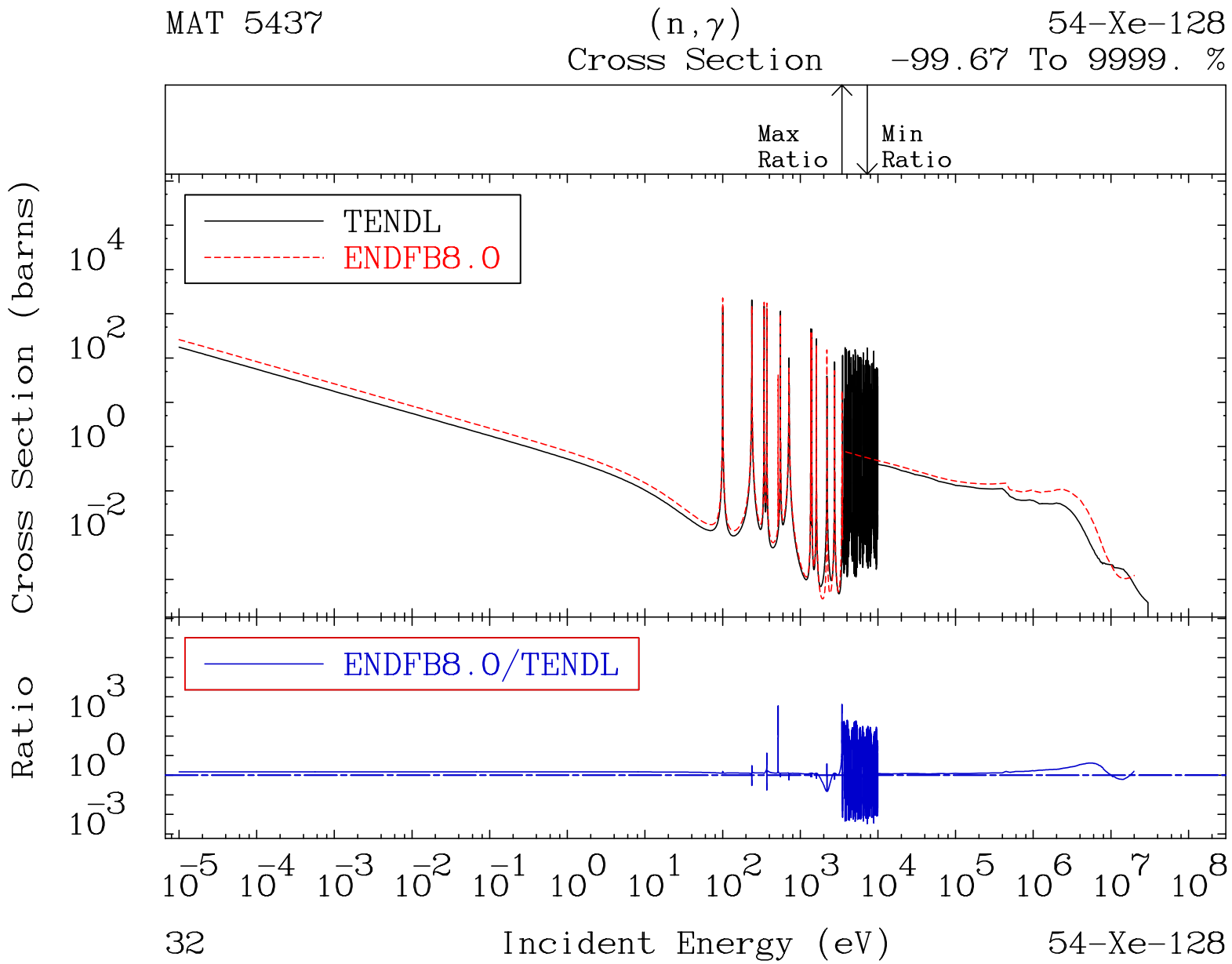

MAT 5437
MT= 70 (n,n') Level
54-Xe-128
Cross Section -100.0 To 913.1 %
Max
Ratio
TENDL Threshold 2.2989 MeV
ENDFB8.0 Threshold 2.5021 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
12
6
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
27
Incident Energy (eV)
54-Xe-128

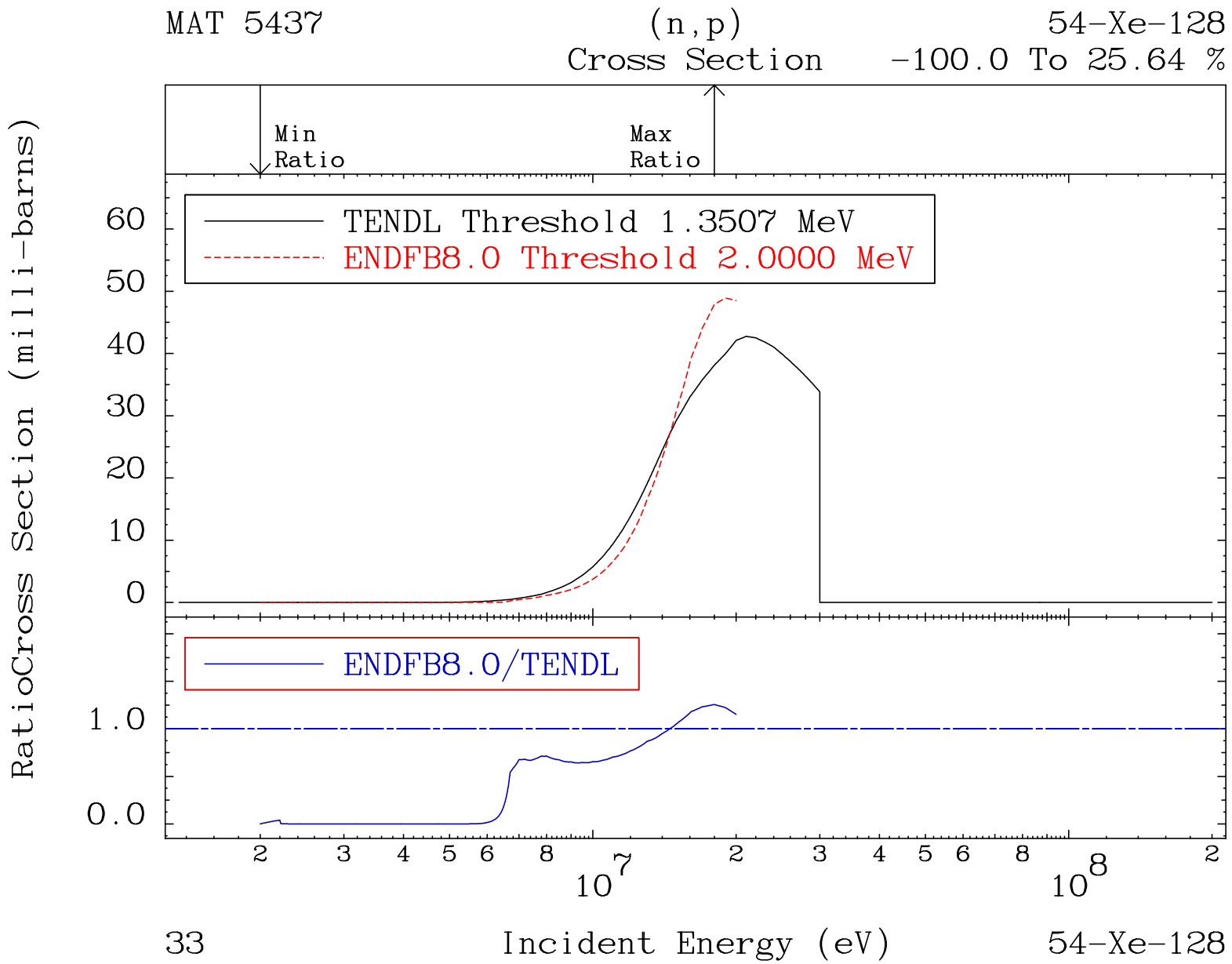

MAT 5437
MT= 71 (n,n') Level
54-Xe-128
Cross Section
-100.0 To 211.2 %
Min Ratio
Max Ratio
TENDL Threshold 2.3239 MeV
ENDFB8.0 Threshold 2.5205 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
4
2
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
28
Incident Energy (eV)
54-Xe-128

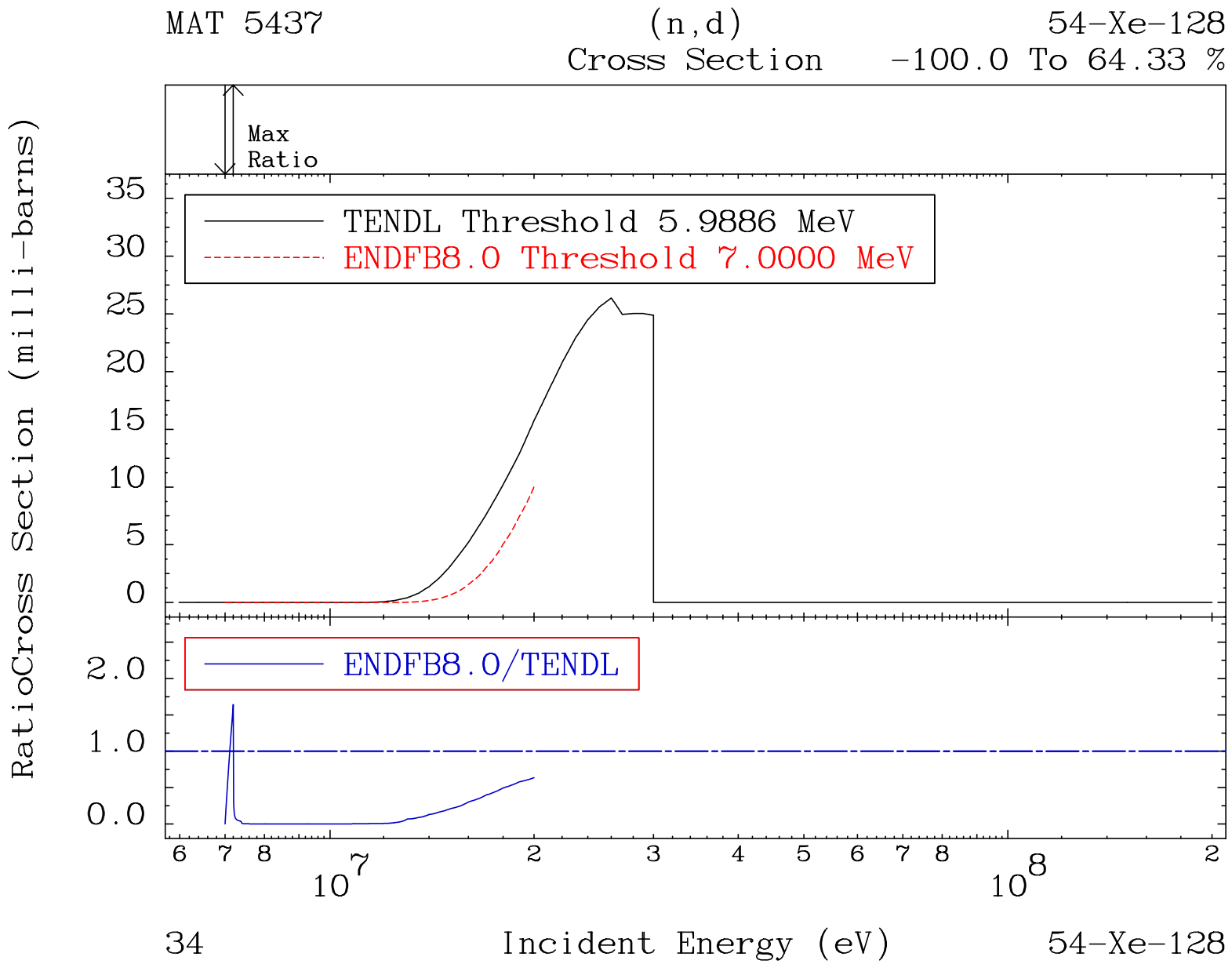

MAT 5437
MT= 72 (n,n') Level
54-Xe-128
Cross Section
-100.0 To 680.6 %
Min Ratio
Max Ratio
TENDL Threshold 2.3545 MeV
ENDFB8.0 Threshold 2.5305 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
12
8
4
0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
29
Incident Energy (eV)
54-Xe-128

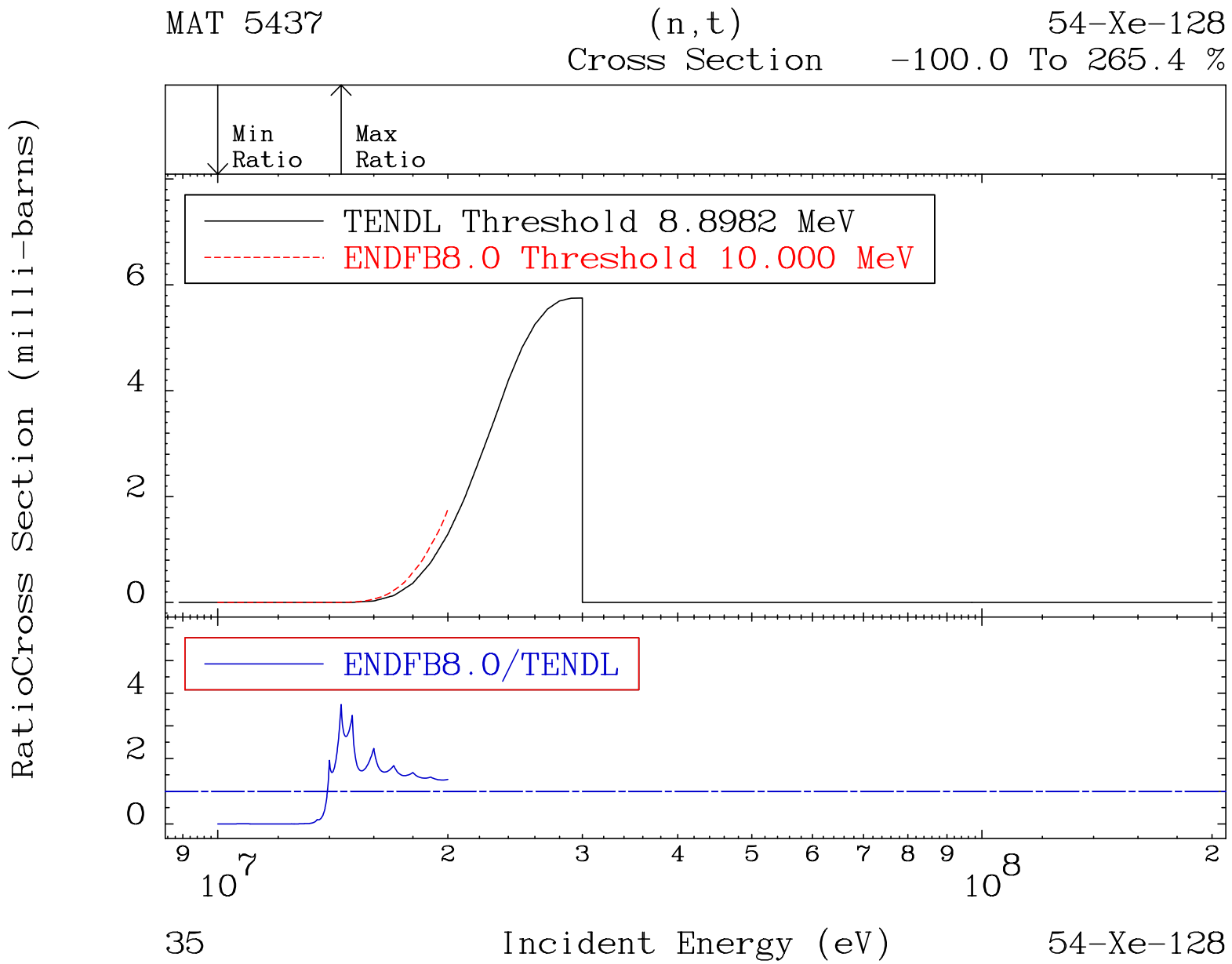

MAT 5437
MT= 73 (n,n') Level
54-Xe-128
Cross Section -100.0 To 72.17 %
Min Ratio
Max Ratio
TENDL Threshold 2.3786 MeV
ENDFB8.0 Threshold 2.5323 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
30
54-Xe-128

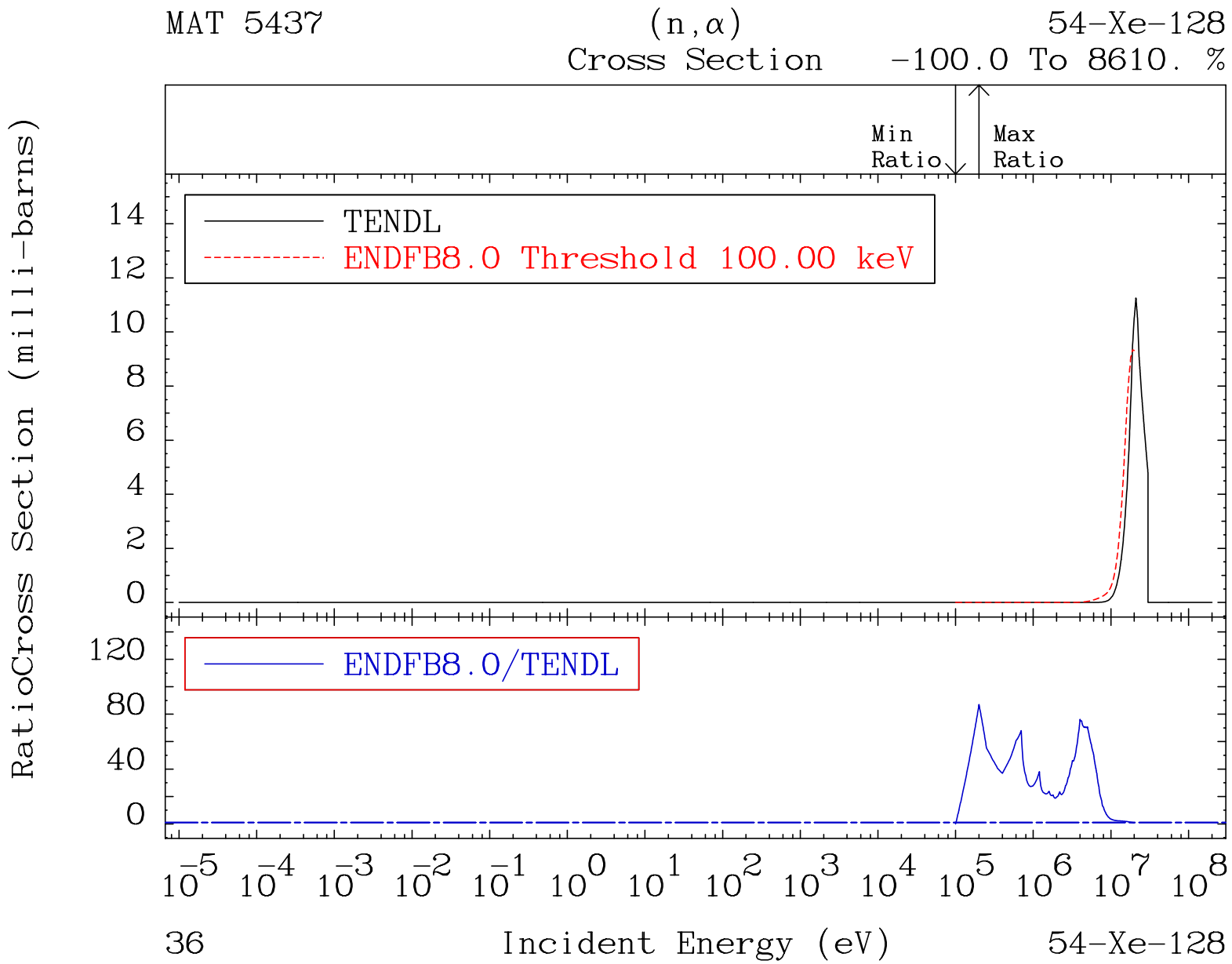

MAT 5437
(n,n') Continuum
Cross Section
54-Xe-128
-100.0 To -2.510%
Min Ratio
Max Ratio
TENDL Threshold 2.4499 MeV
ENDFB8.0 Threshold 2.5413 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
1.2
0.6
0.0
3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
31
Incident Energy (eV)
54-Xe-128

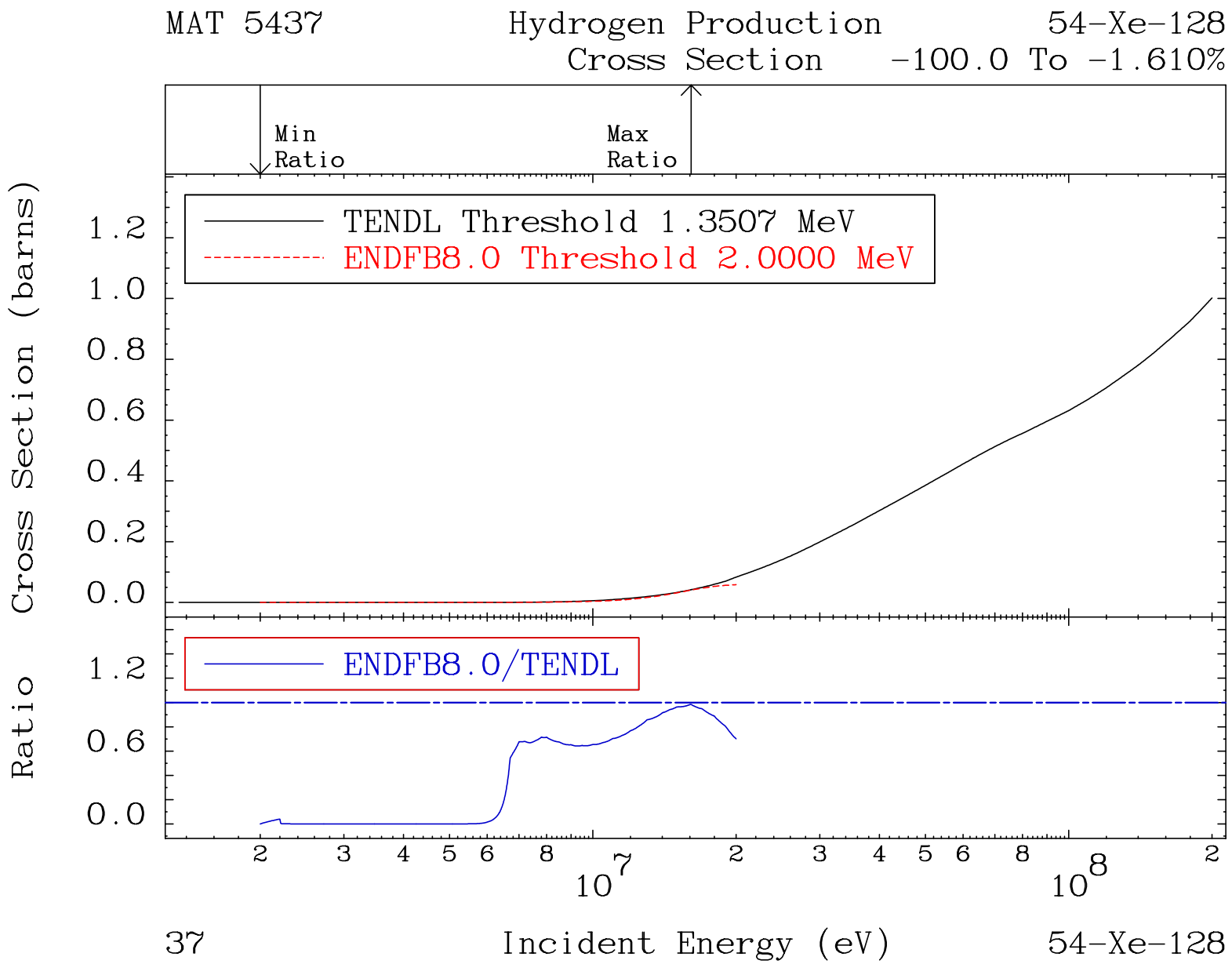

MAT 5437
(n,γ)
Cross Section
54-Xe-128
-99.67 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
32
54-Xe-128

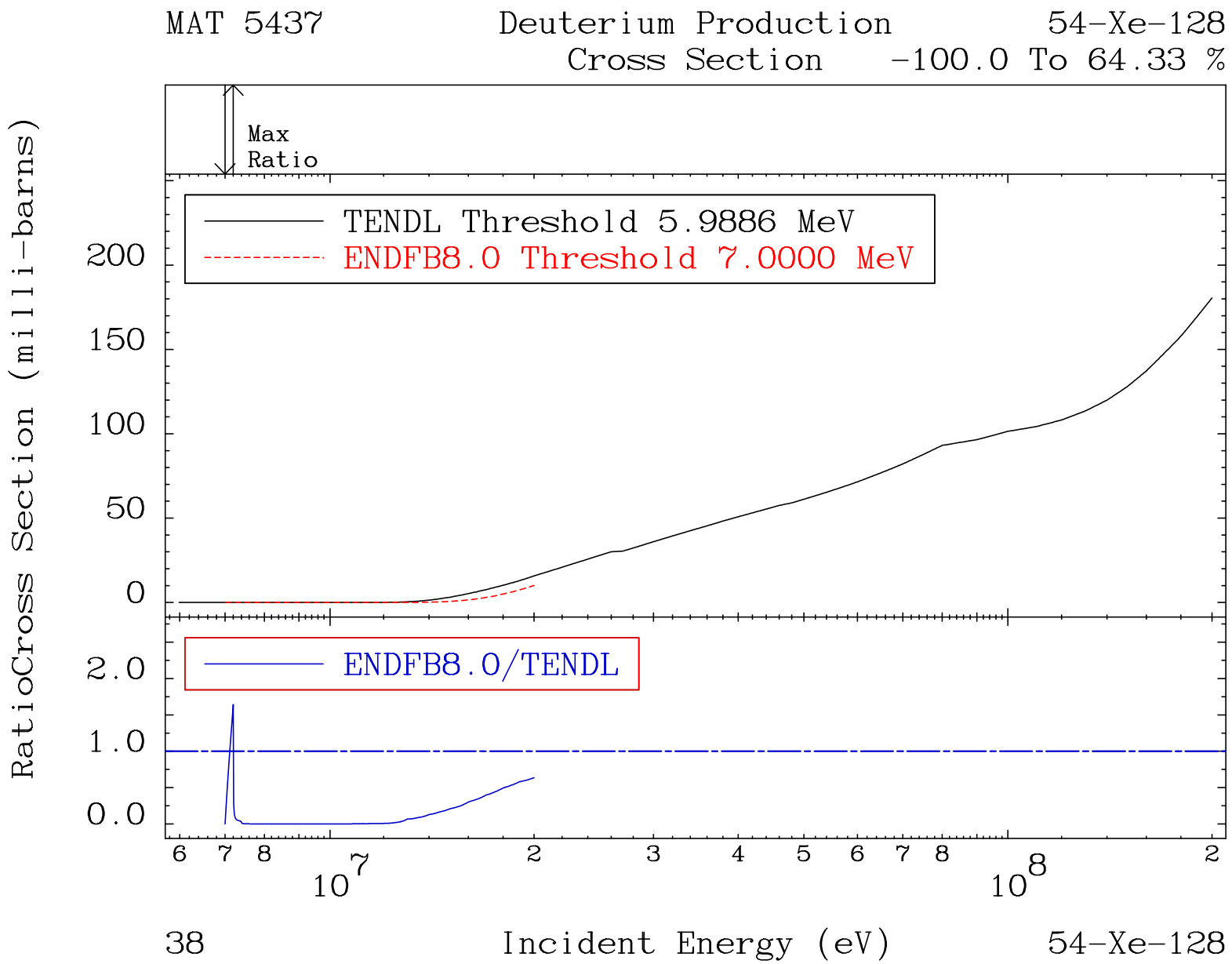

MAT 5437
(n,p)
54-Xe-128
Cross Section
-100.0 To 25.64 %
Min Ratio
Max Ratio
TENDL Threshold 1.3507 MeV
ENDFB8.0 Threshold 2.0000 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
1.0
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
33
Incident Energy (eV)
54-Xe-128

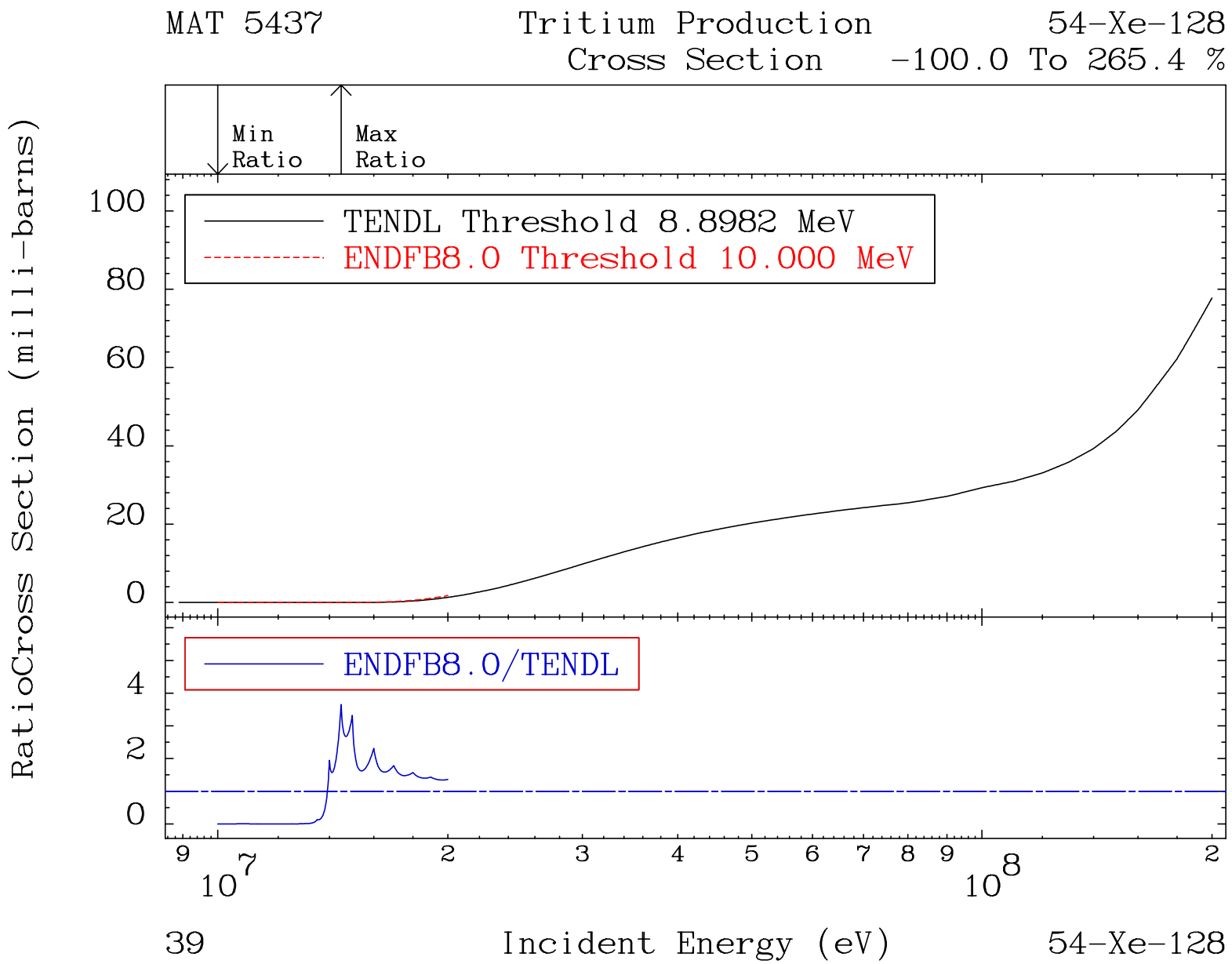

MAT 5437
(n,d)
54-Xe-128
Cross Section
-100.0 To 64.33 %
Max
Ratio
TENDL Threshold 5.9886 MeV
ENDFB8.0 Threshold 7.0000 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
35
30
25
20
15
10
5
0
2.0
1.0
0.0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
34
Incident Energy (eV)
54-Xe-128

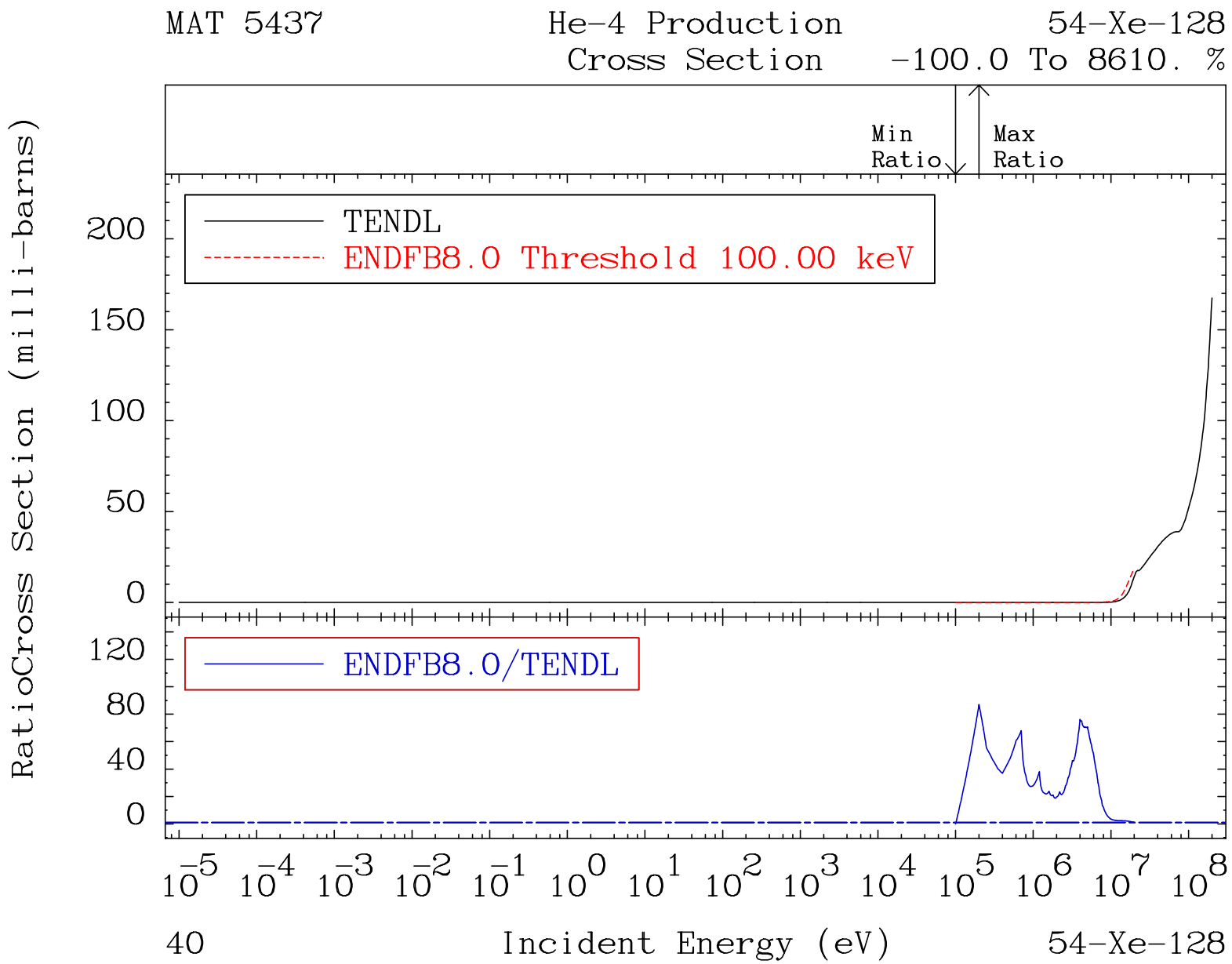

MAT 5437
(n,t)
54-Xe-128
Cross Section
-100.0 To 265.4 %
Min Ratio
Max Ratio
TENDL Threshold 8.8982 MeV
ENDFB8.0 Threshold 10.000 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
35
54-Xe-128

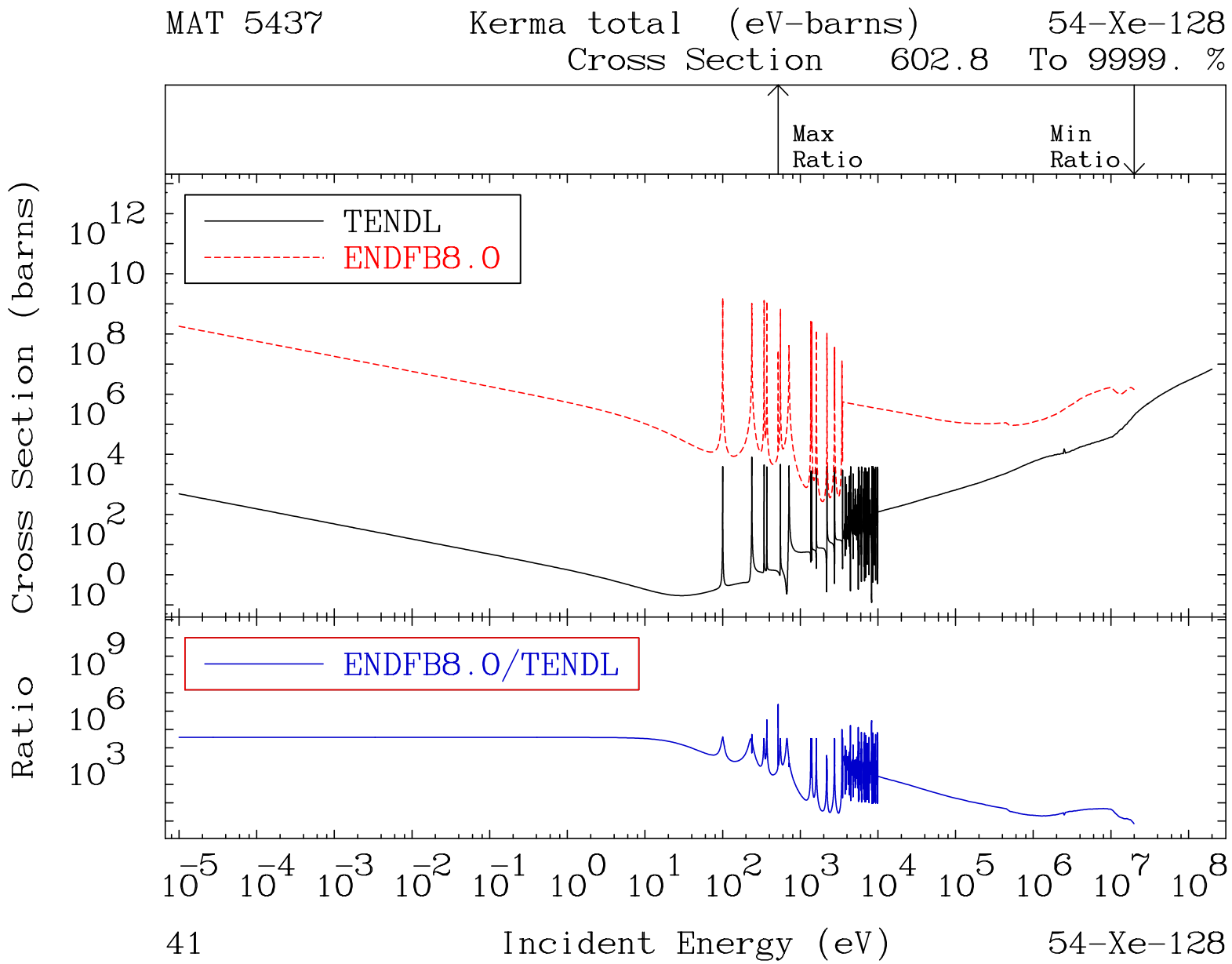

MAT 5437
(n,α)
54-Xe-128
Cross Section
-100.0 To 8610. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0 Threshold 100.00 keV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
14
12
10
8
6
4
2
0
120
80
40
0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
Incident Energy (eV)
36
54-Xe-128

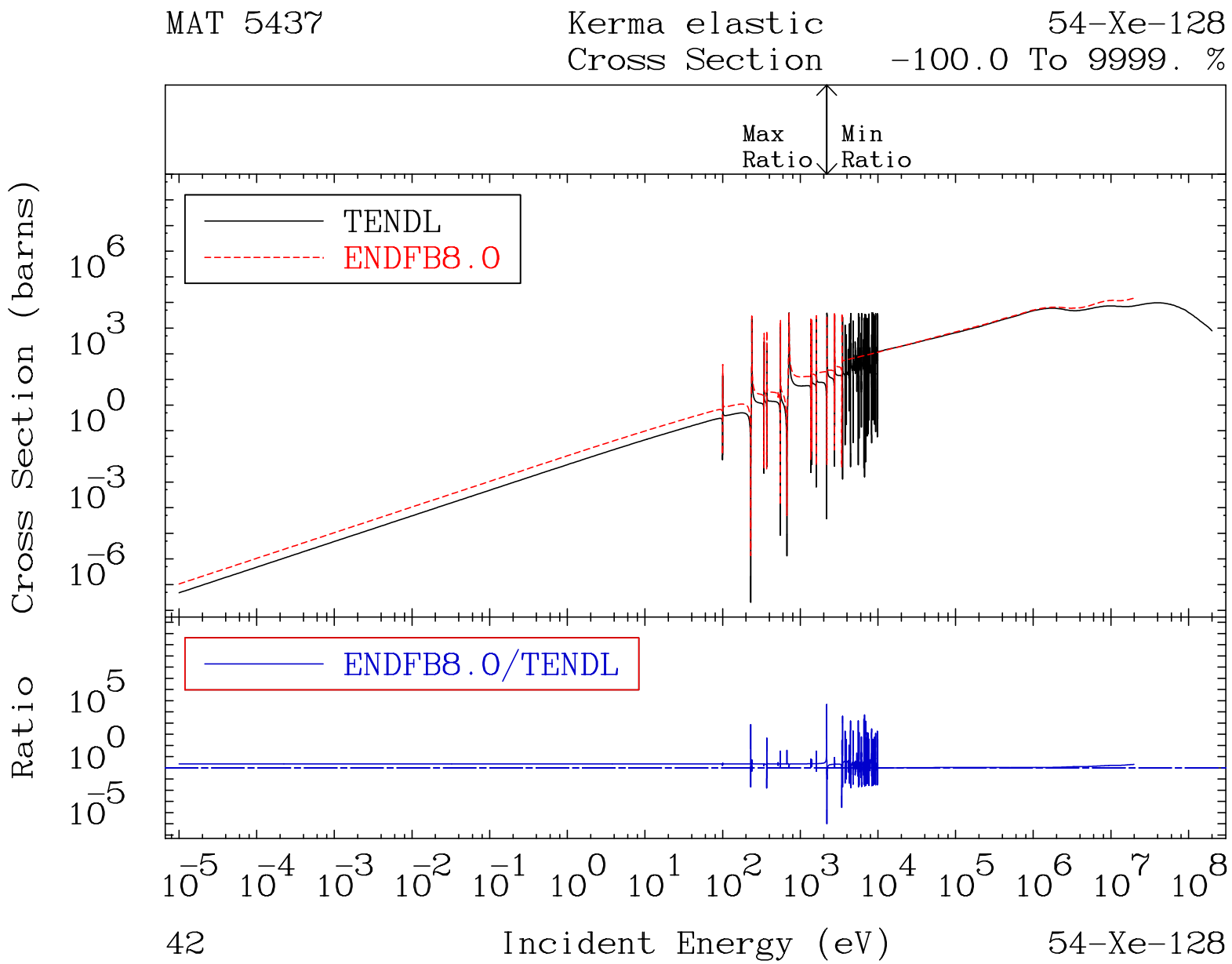

MAT 5437
Hydrogen Production
54-Xe-128
Cross Section
-100.0 To -1.610%
Min Ratio
Max Ratio
TENDL Threshold 1.3507 MeV
ENDFB8.0 Threshold 2.0000 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
ENDFB8.0/TENDL
Ratio
1.2
0.6
0.0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
37
Incident Energy (eV)
54-Xe-128

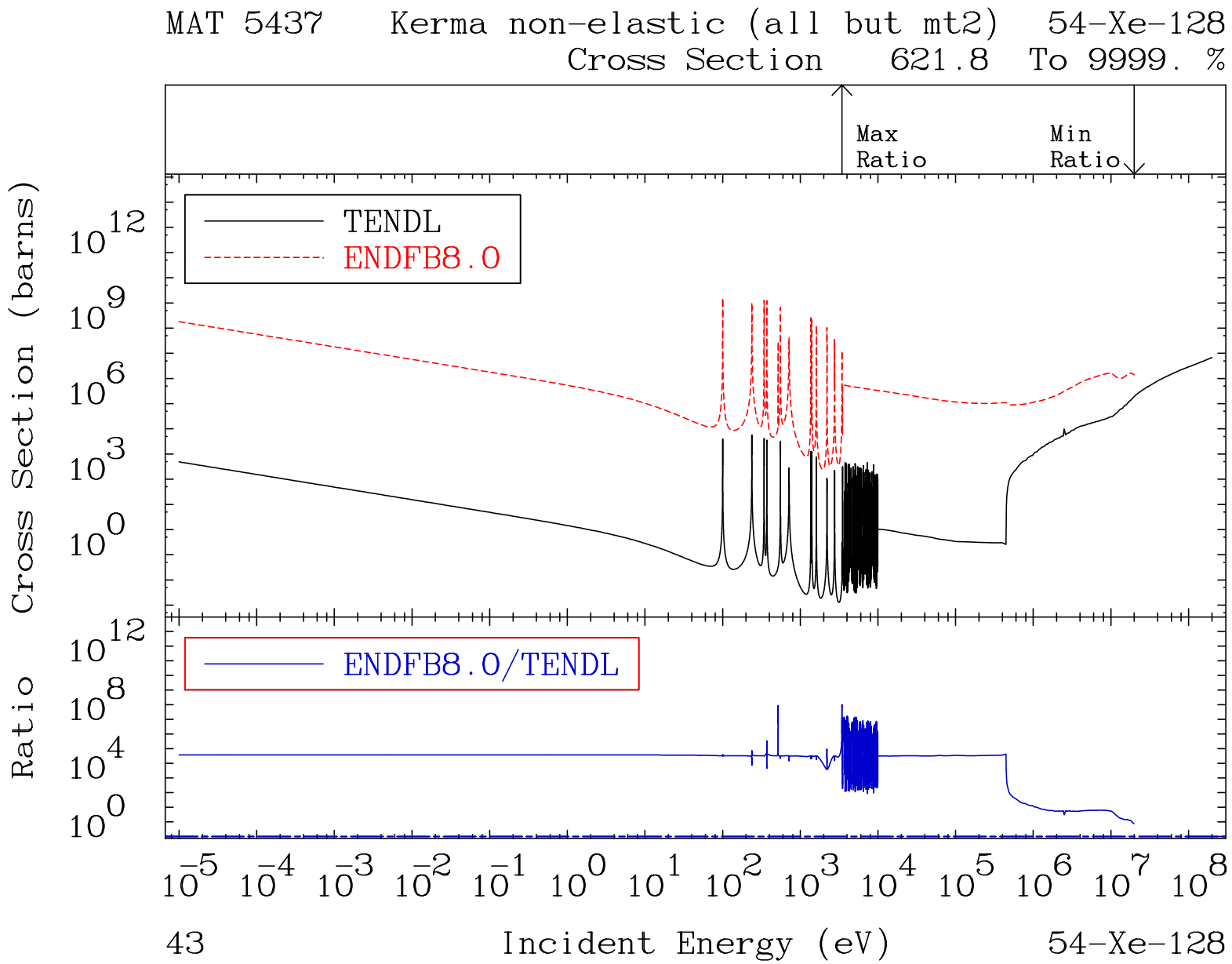

MAT 5437
Deuterium Production
54-Xe-128
Cross Section
-100.0 To 64.33 %
Max
Ratio
TENDL Threshold 5.9886 MeV
ENDFB8.0 Threshold 7.0000 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
2.0
1.0
0.0
6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
38
Incident Energy (eV)
54-Xe-128

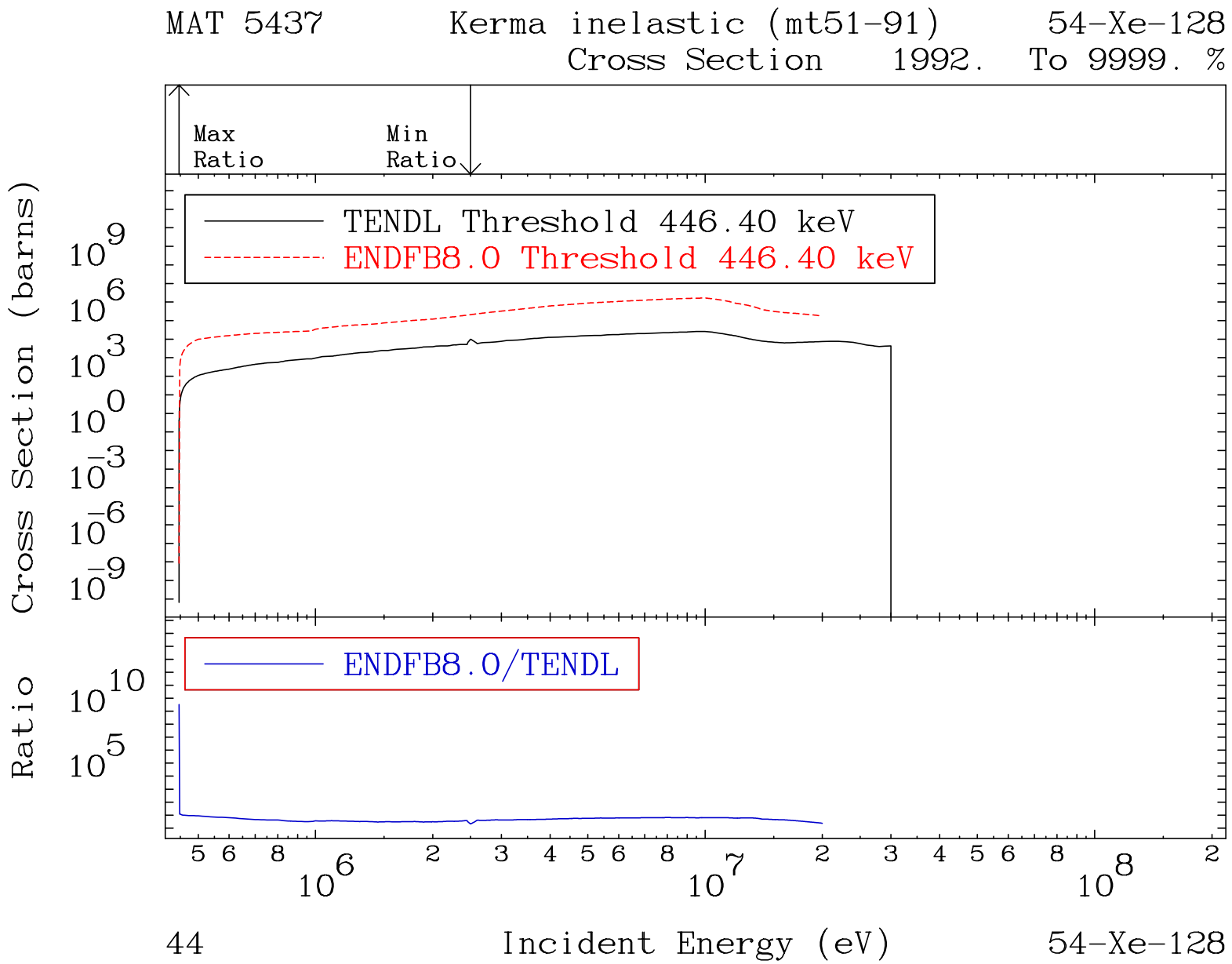

MAT 5437
Tritium Production
54-Xe-128
Cross Section
-100.0 To 265.4 %
Min Ratio
Max Ratio
TENDL Threshold 8.8982 MeV
ENDFB8.0 Threshold 10.000 MeV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
4
2
0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
39
Incident Energy (eV)
54-Xe-128

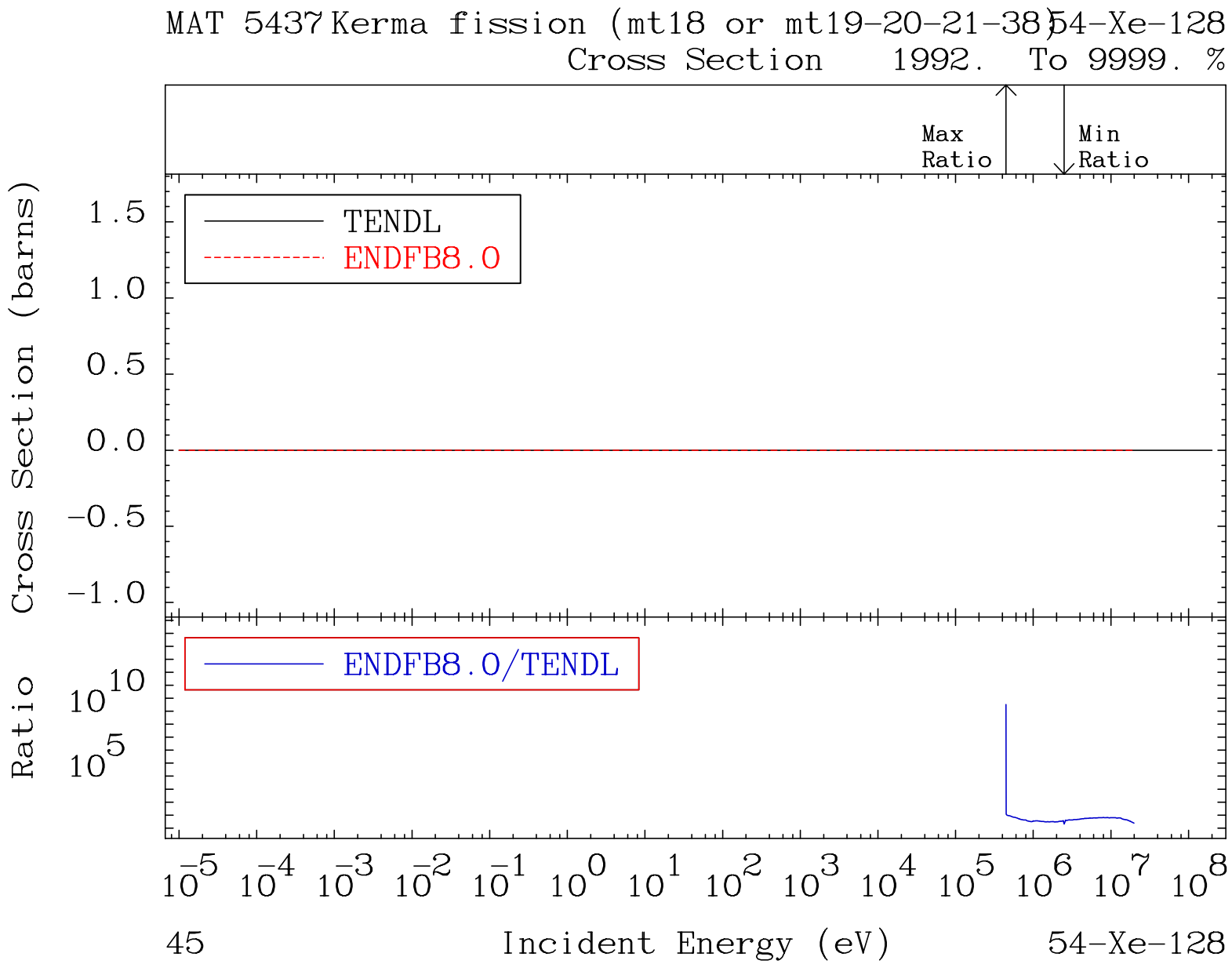

MAT 5437
He-4 Production
Cross Section
54-Xe-128
-100.0 To 8610. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0 Threshold 100.00 keV
ENDFB8.0/TENDL
RatioCross Section (milli-barns)
200
150
100
50
0
120
80
40
0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
40
Incident Energy (eV)
54-Xe-128

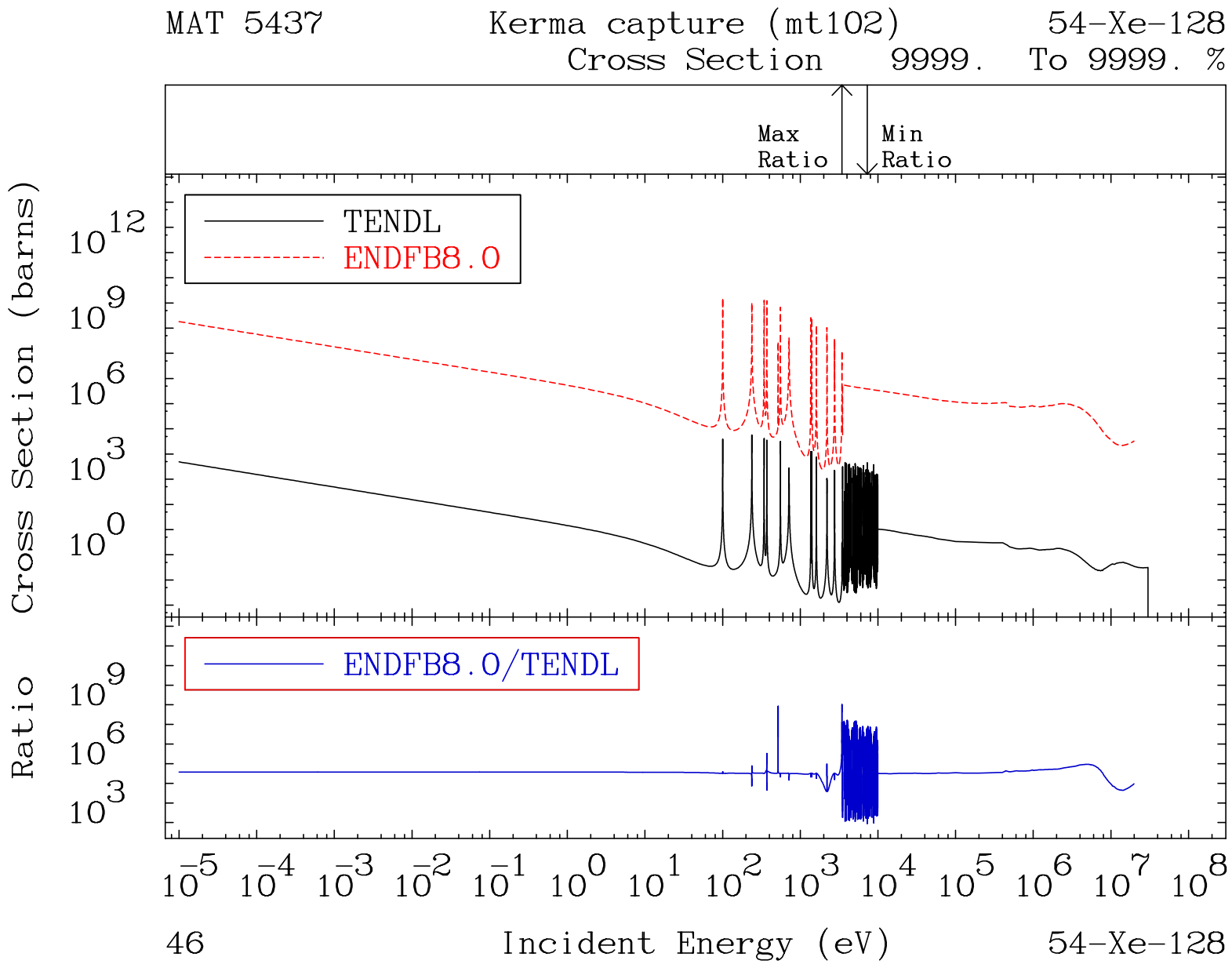

MAT 5437
Kerma total (eV-barns)
54-Xe-128
Cross Section 602.8 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
41
54-Xe-128

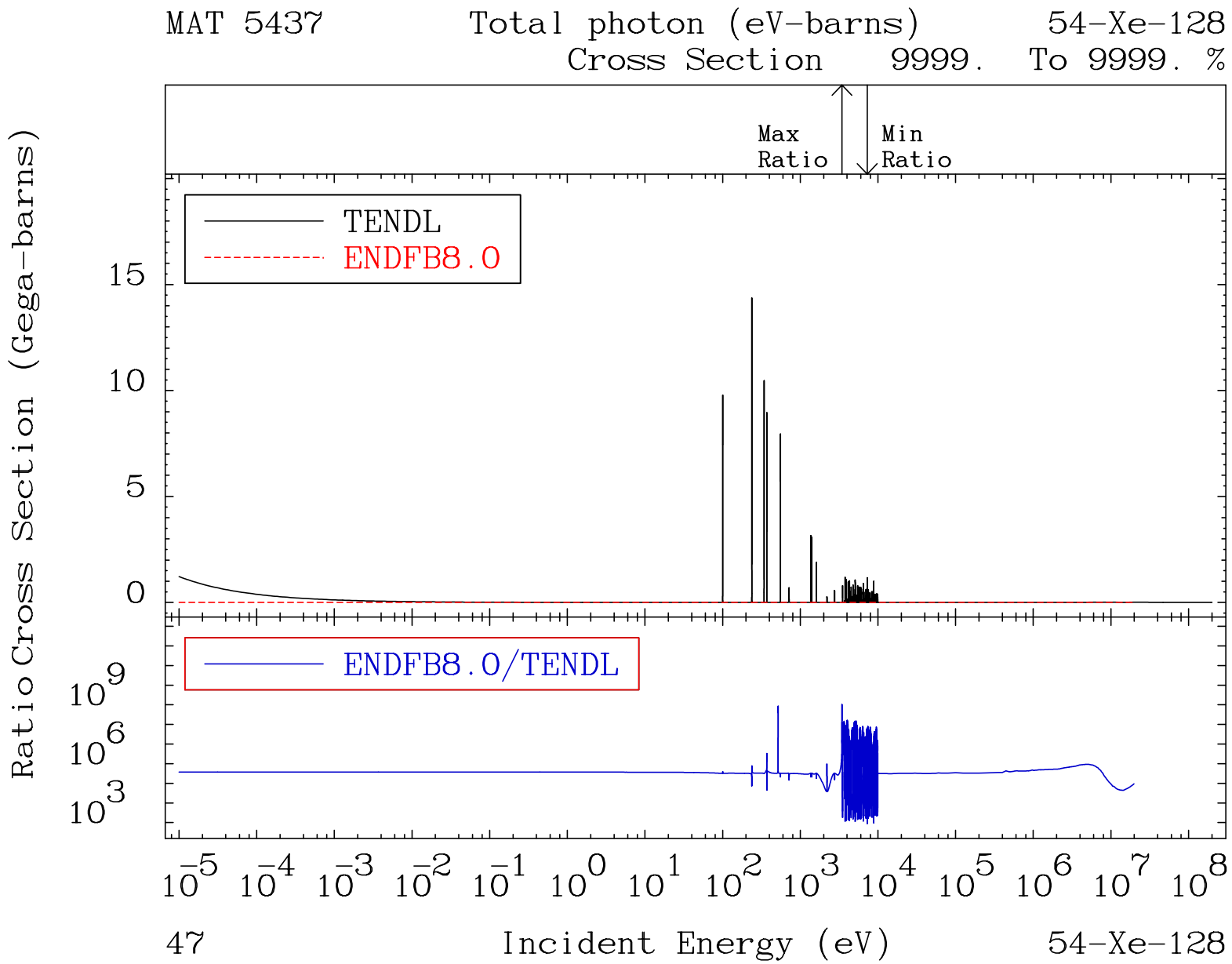

MAT 5437
Kerma elastic
Cross Section
54-Xe-128
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
42
54-Xe-128

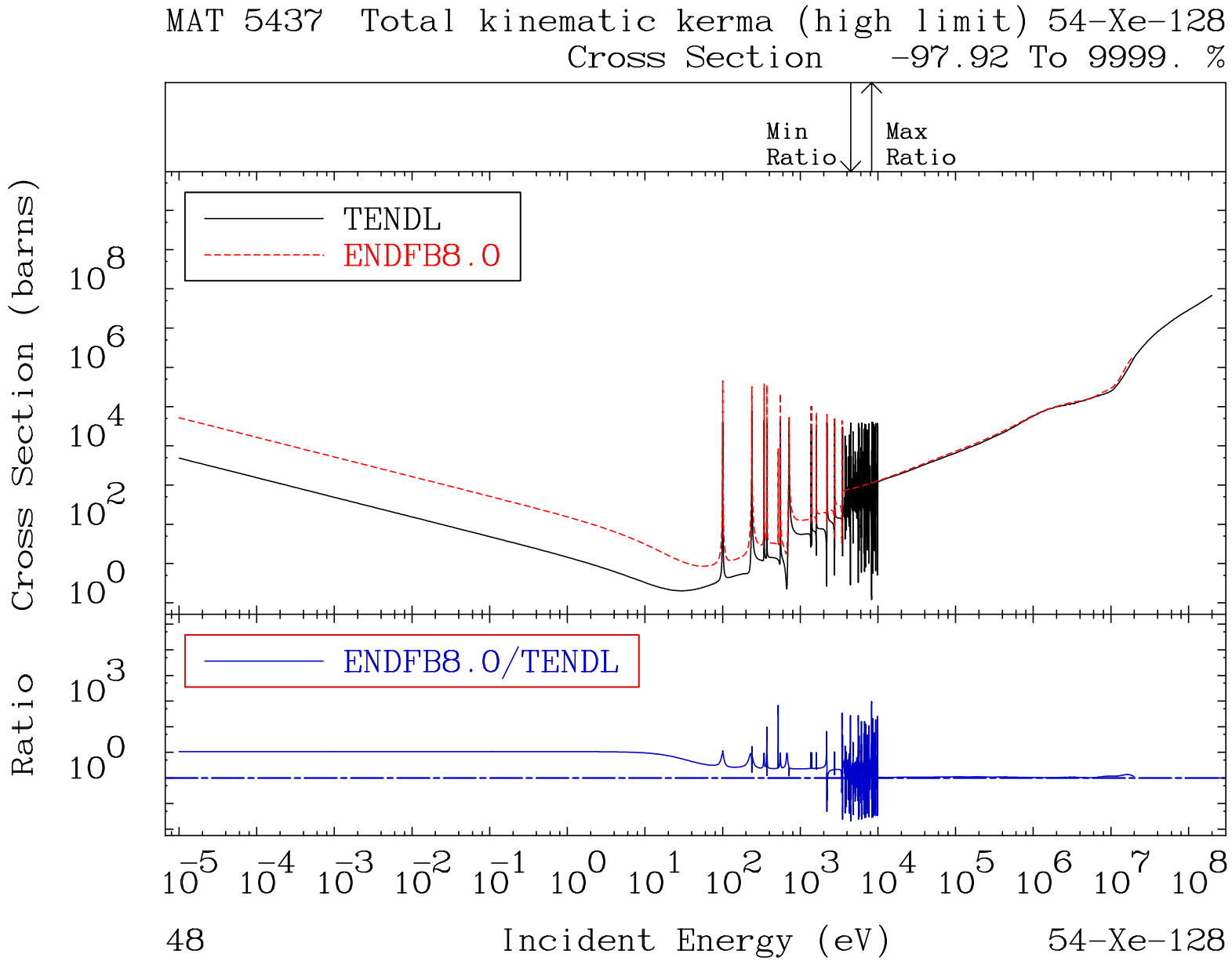

MAT 5437 Kerma non-elastic (all but mt2) 54-Xe-128
Cross Section 621.8 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
43
54-Xe-128

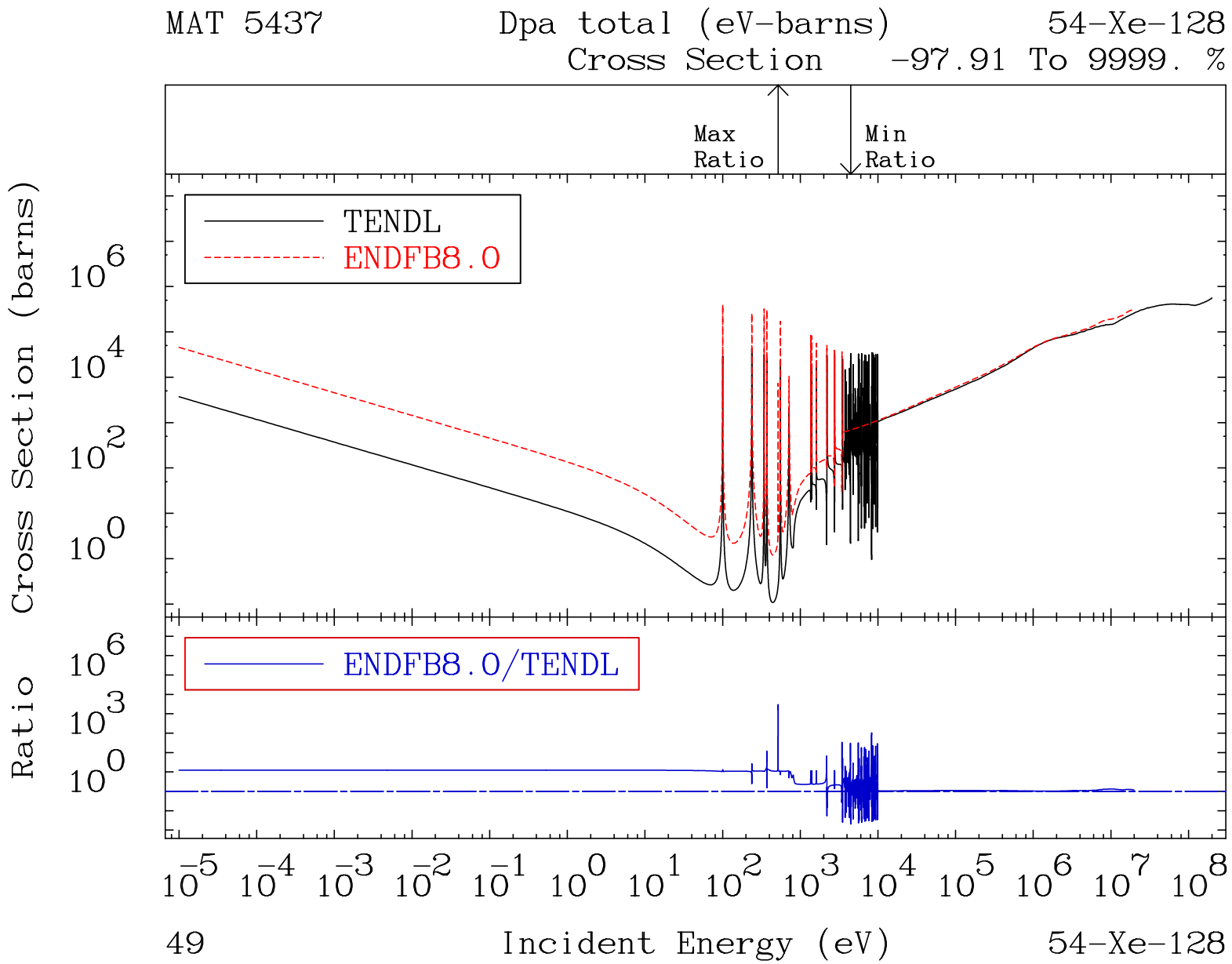

MAT 5437
Kerma inelastic (mt51-91)
54-Xe-128
Cross Section 1992. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 446.40 keV
ENDFB8.0 Threshold 446.40 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
44
54-Xe-128

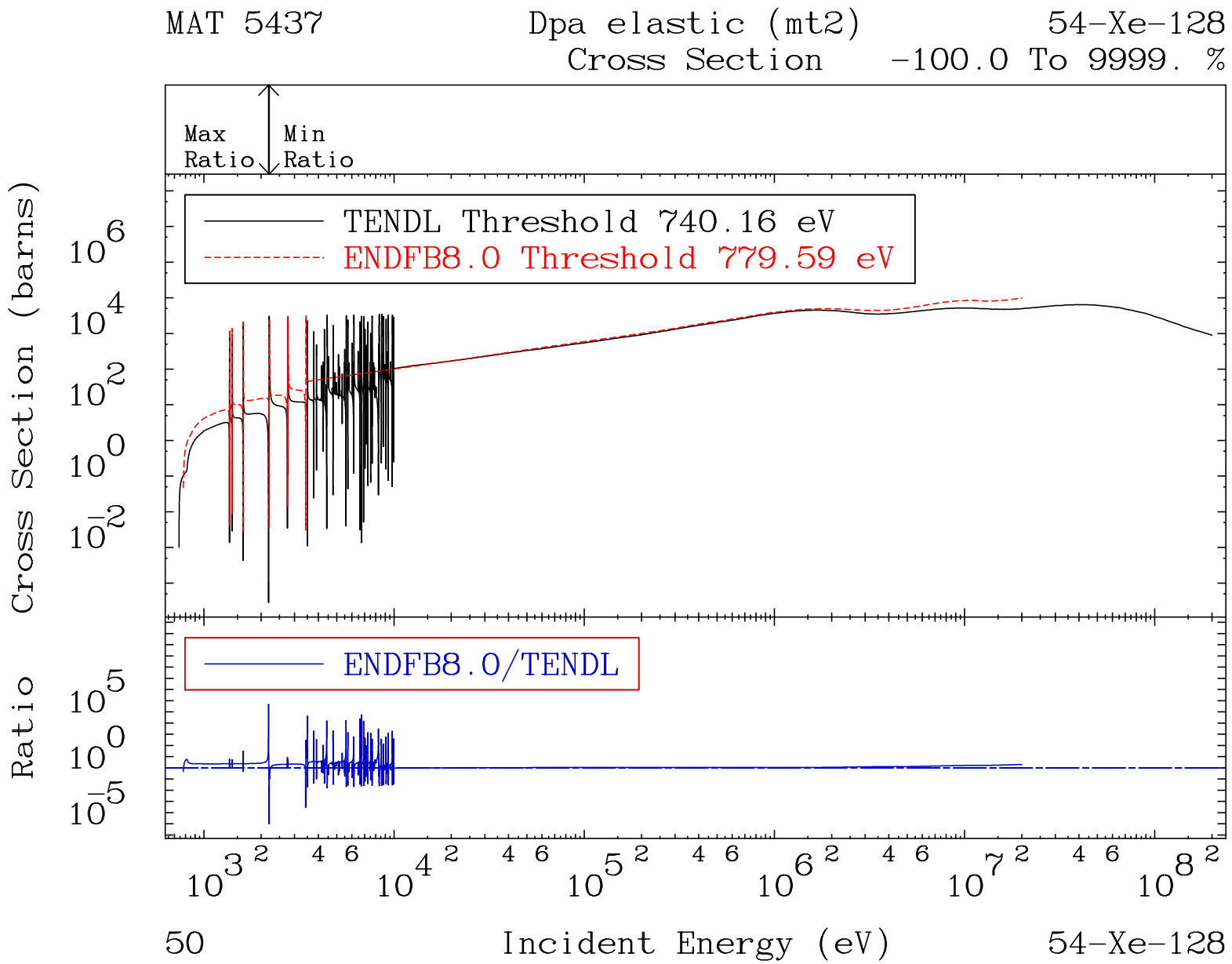

MAT 5437 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-128
Cross Section 1992. To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
10^10
10^5
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
45
Incident Energy (eV)
54-Xe-128

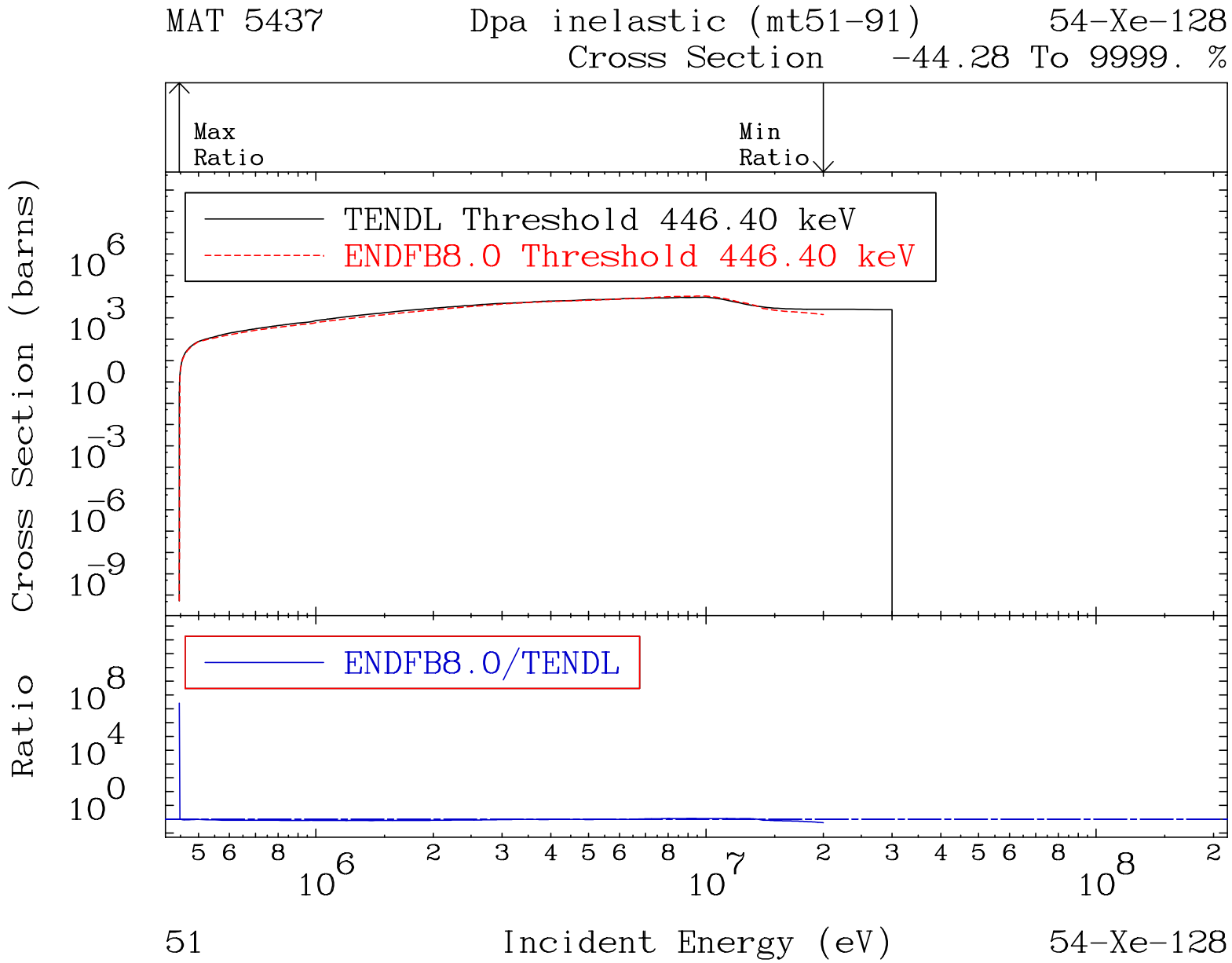

MAT 5437
Kerma capture (mt102)
54-Xe-128
Cross Section 9999. To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
10^{12}
10^{9}
10^{6}
10^{3}
10^{0}
ENDFB8.0/TENDL
Ratio
10^{9}
10^{6}
10^{3}
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
46
Incident Energy (eV)
54-Xe-128

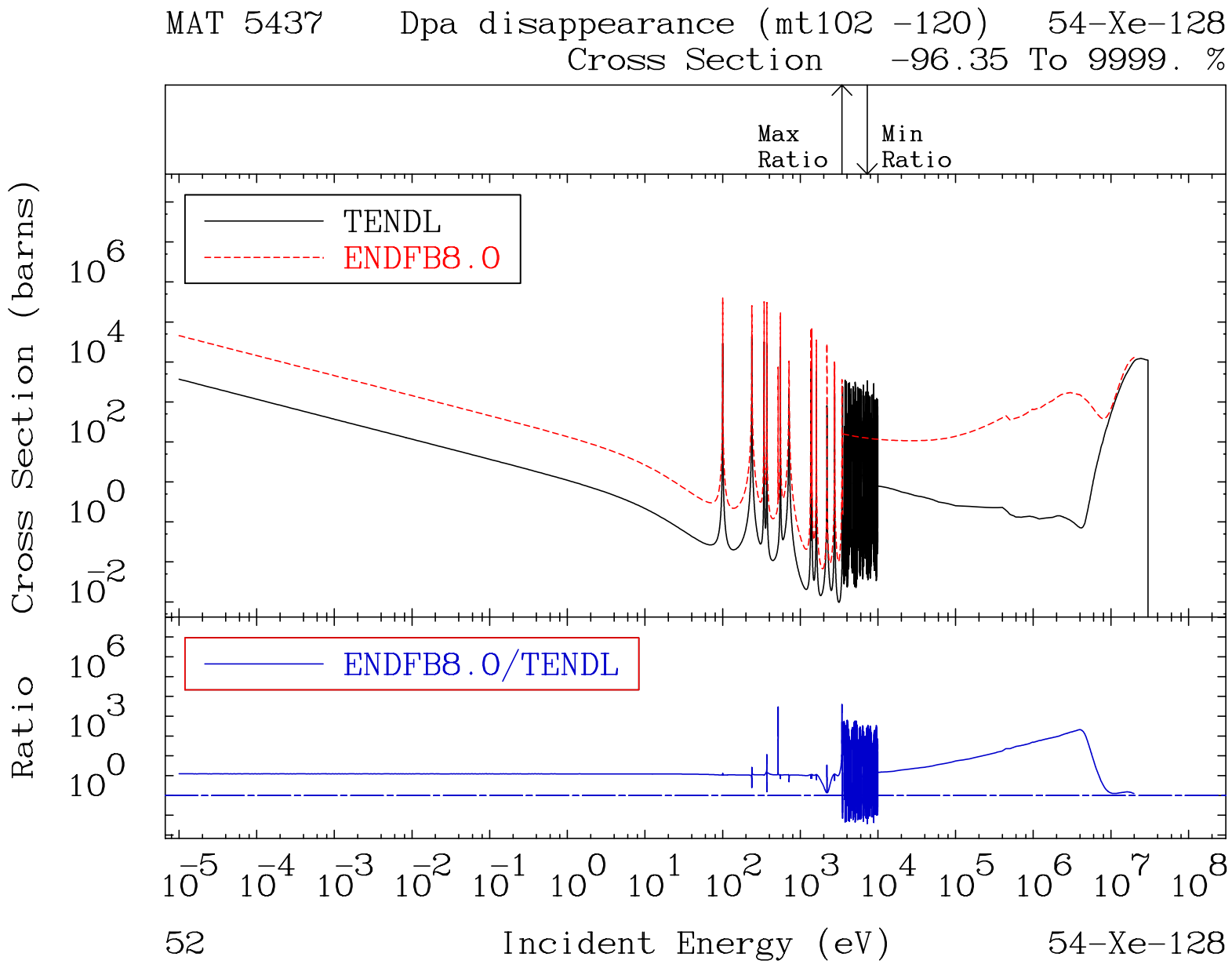

MAT 5437
Total photon (eV-barns)
54-Xe-128
Cross Section 9999. To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Ratio Cross Section (Giga-barns)
15
10
5
0
10^{9}
10^{6}
10^{3}
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
47
Incident Energy (eV)
54-Xe-128


MAT 5437 Total kinematic kerma (high limit) 54-Xe-128
Cross Section -97.92 To 9999. %
Min Ratio
Max Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
48
54-Xe-128


MAT 5437
Dpa total (eV-barns)
54-Xe-128
Cross Section -97.91 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
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 740.16 eV
ENDFB8.0 Threshold 779.59 eV
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
50
54-Xe-128


MAT 5437
Dpa inelastic (mt51-91)
54-Xe-128
Cross Section -44.28 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) 54-Xe-128
Cross Section -96.35 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
ENDFB8.0/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
52
54-Xe-128