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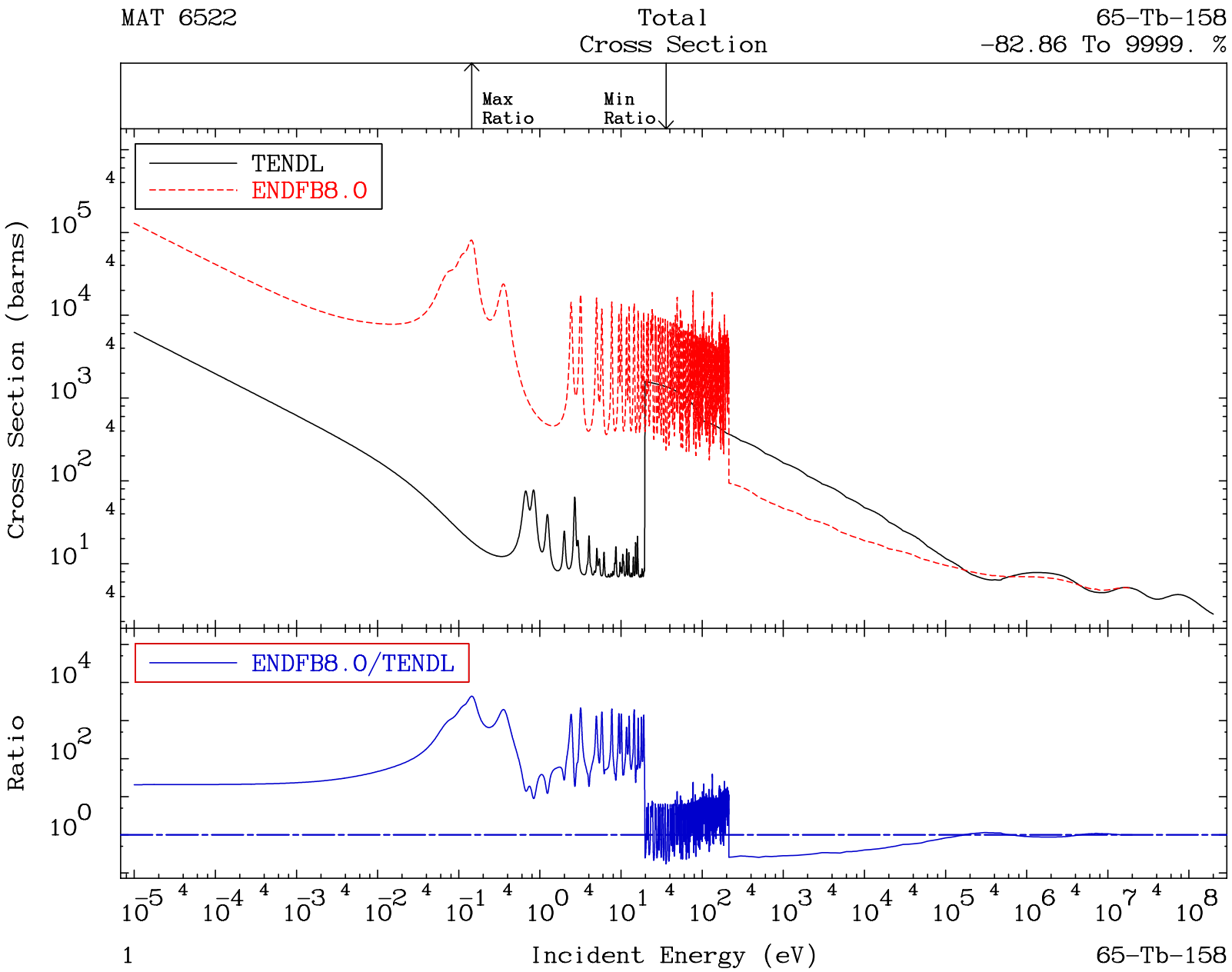
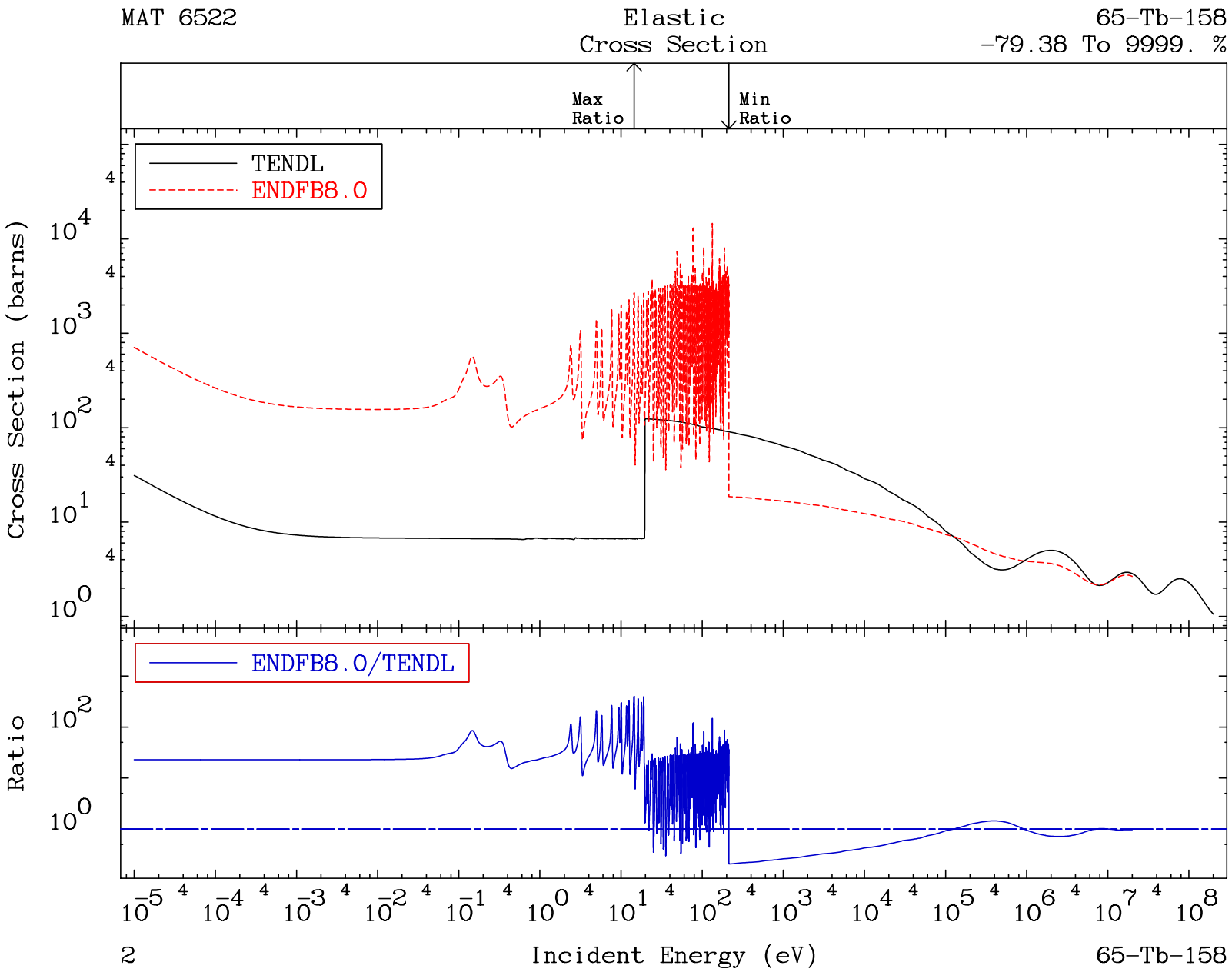
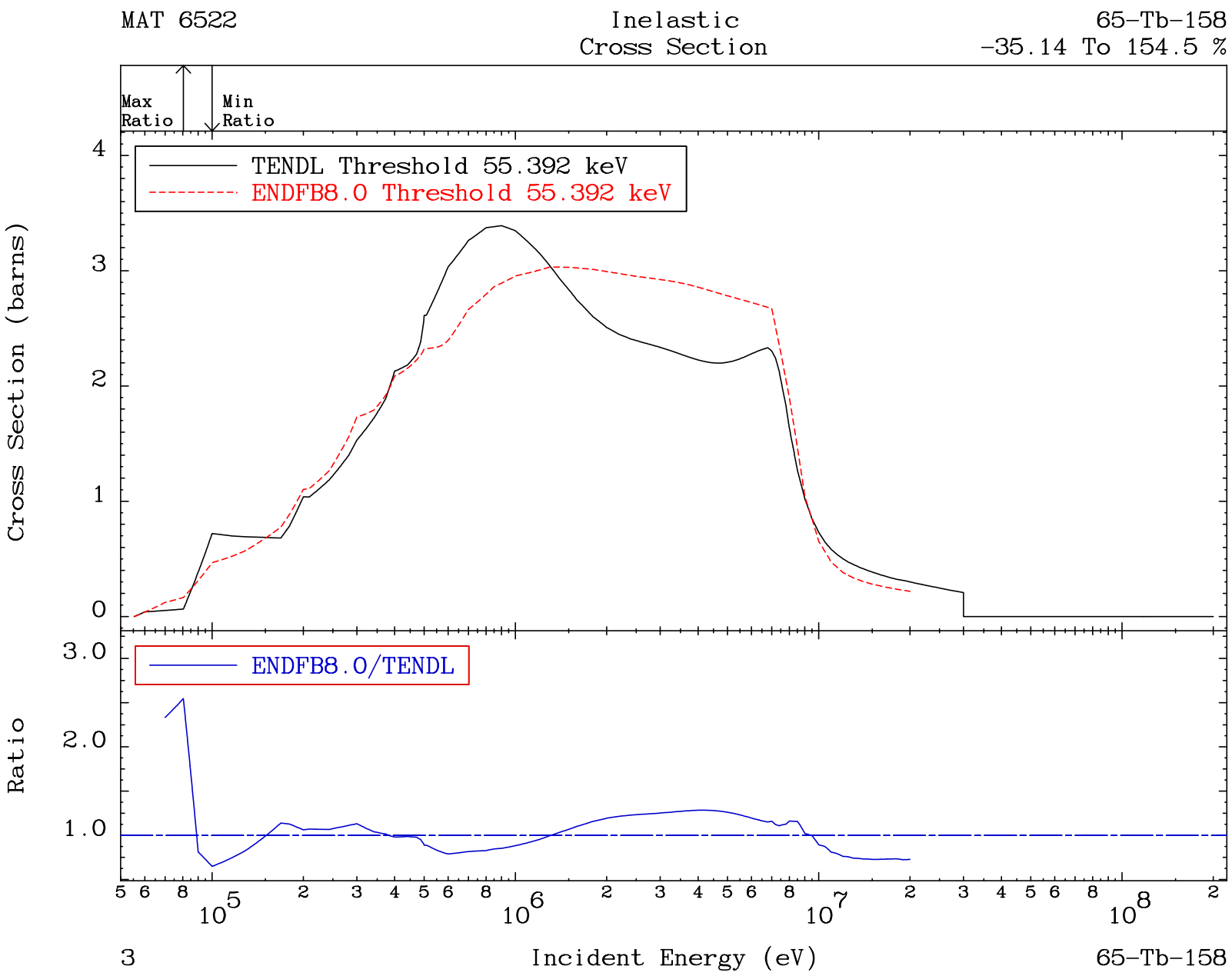
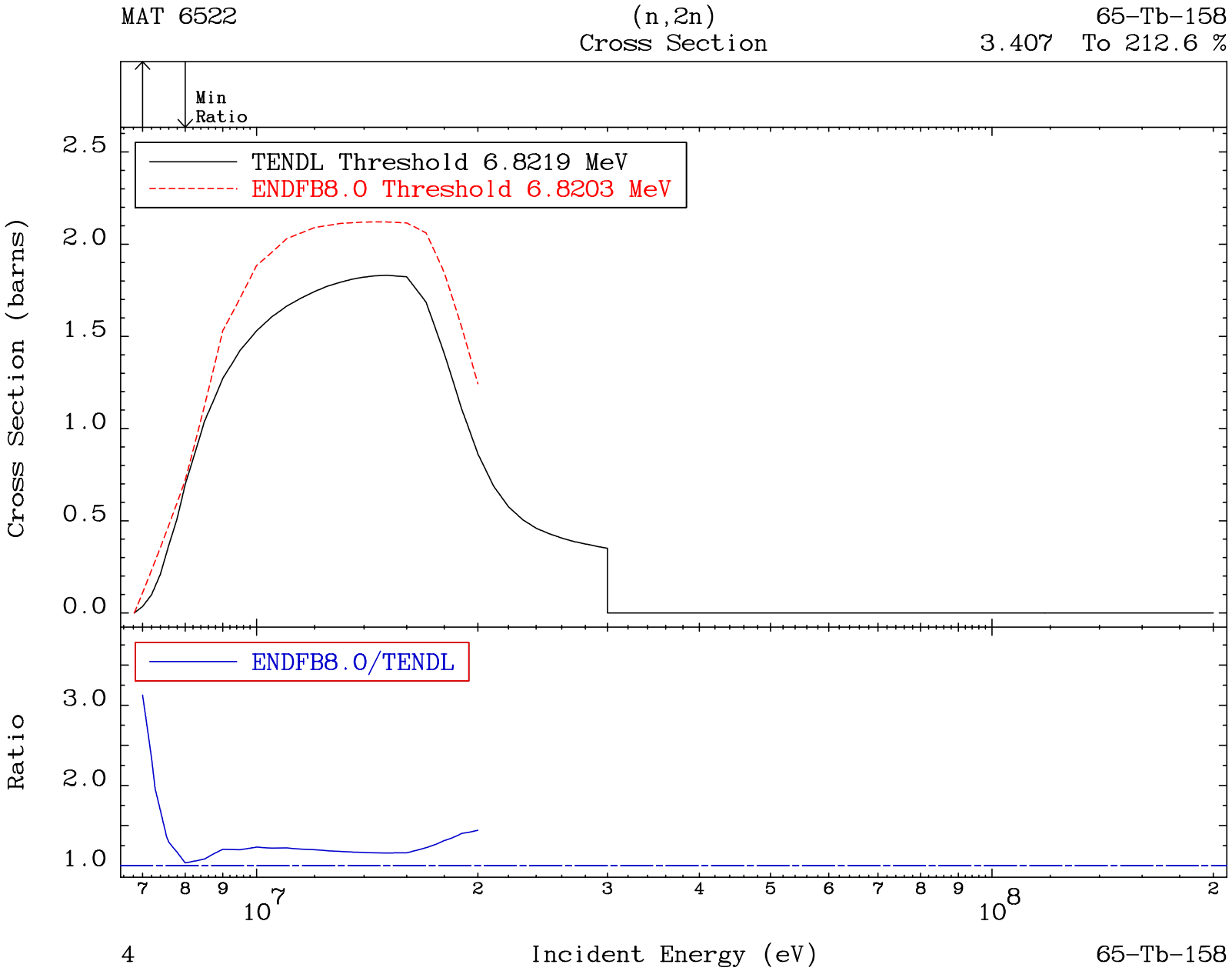
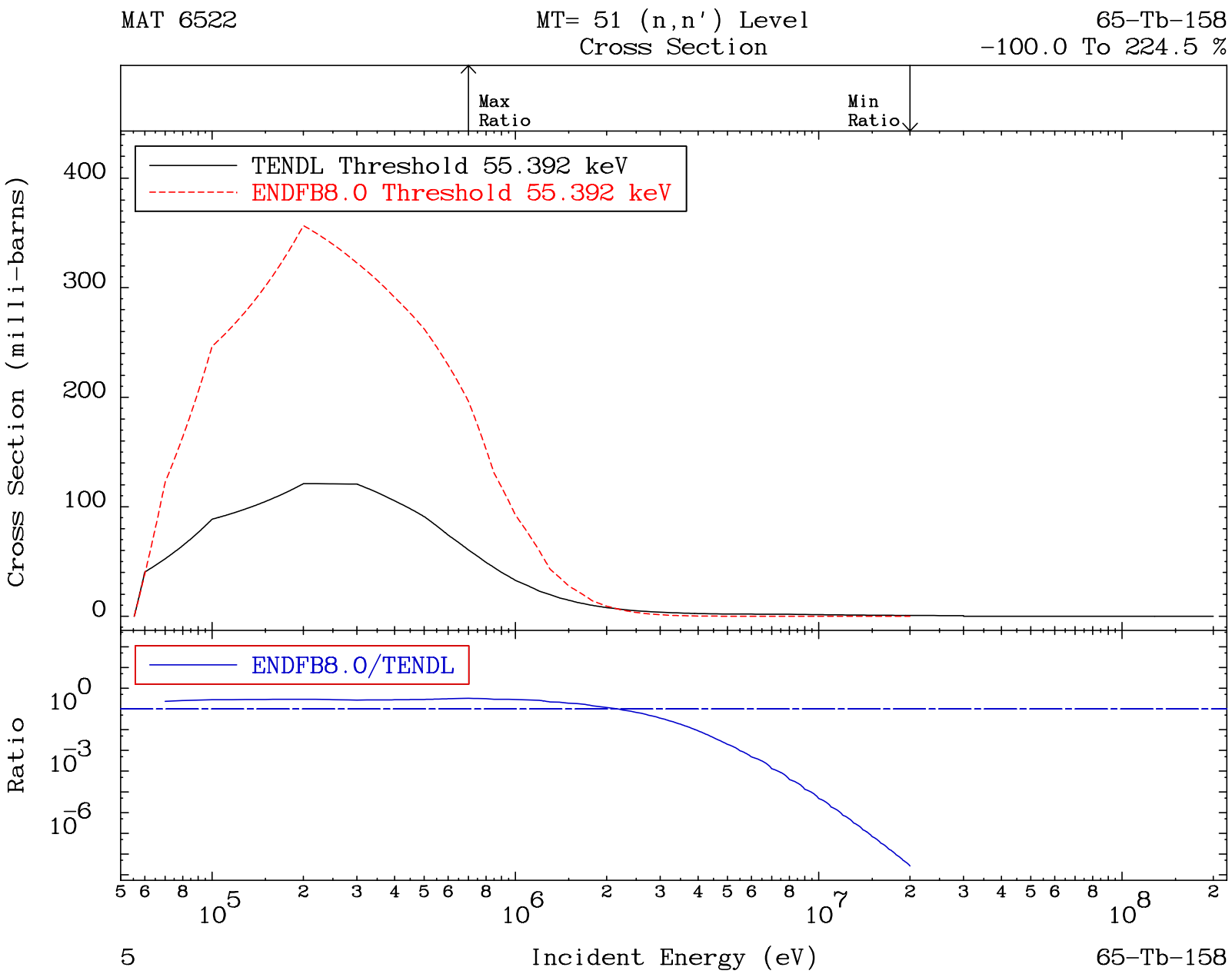
Press Mouse Button to Start

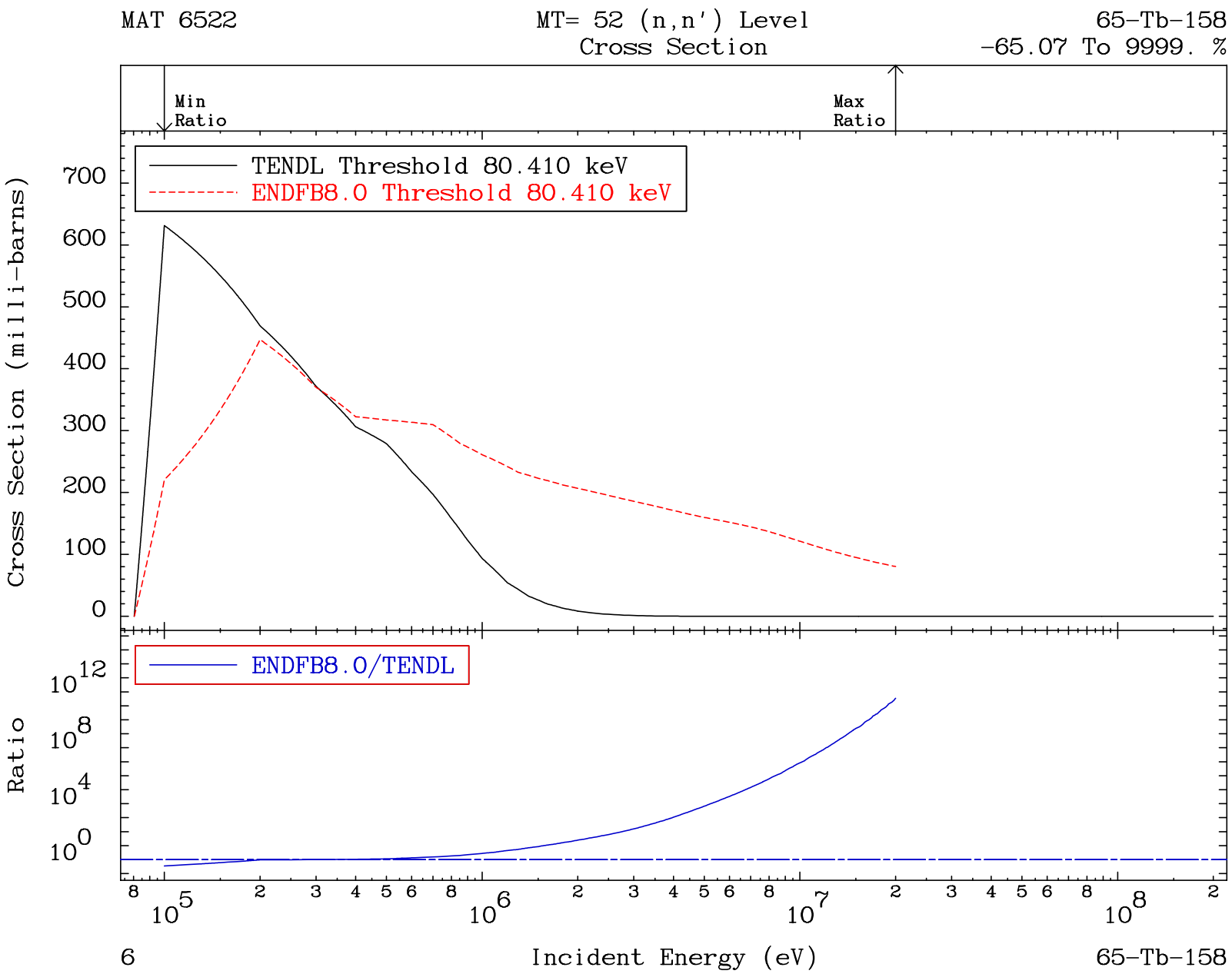

MAT 6522
Total
Cross Section
65-Tb-158
-82.86 To 9999. %
Max
Ratio
Min
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
1
65-Tb-158

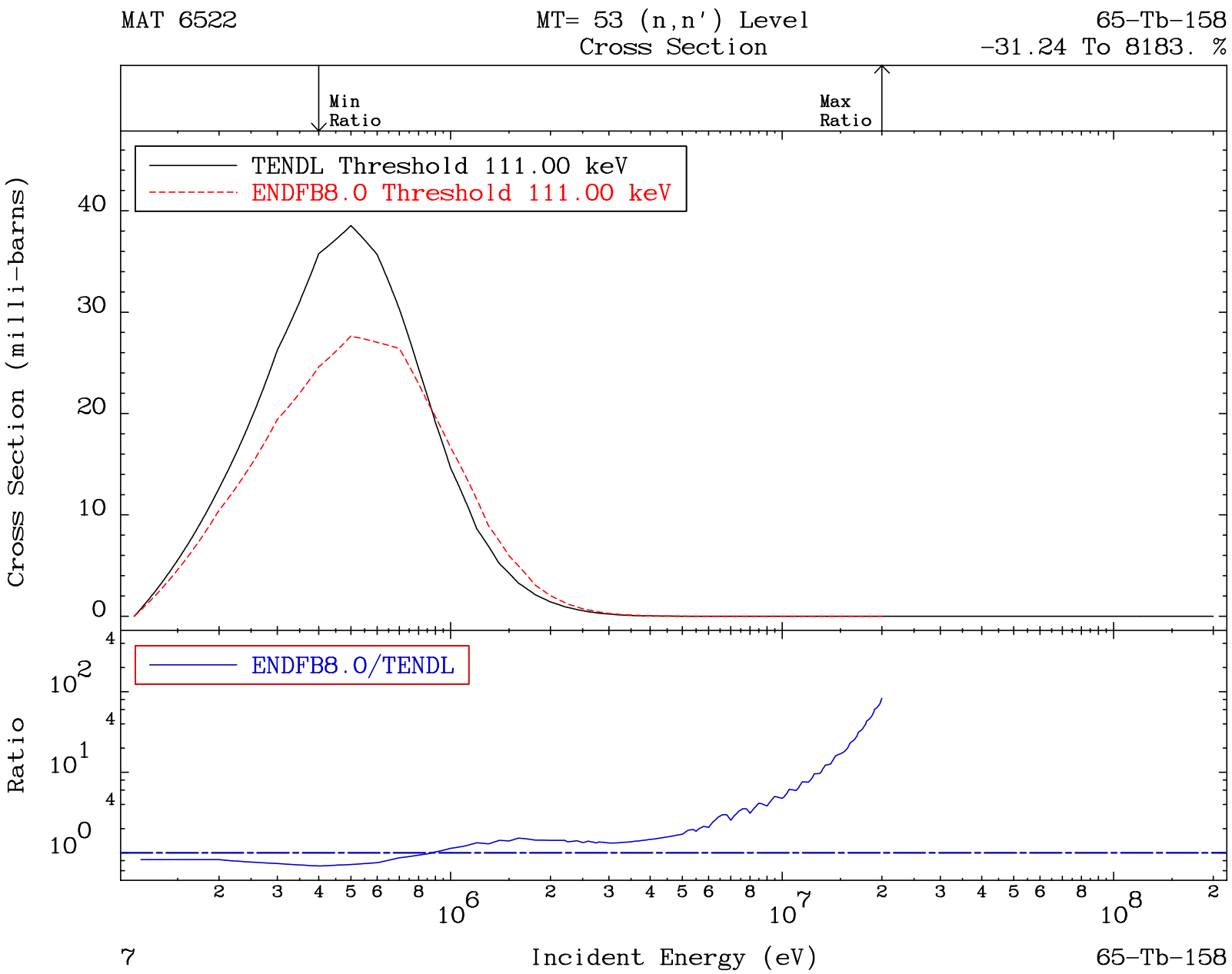

MAT 6522
Elastic
Cross Section
65-Tb-158
-79.38 To 9999. %
Max
Ratio
Min
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
2
65-Tb-158

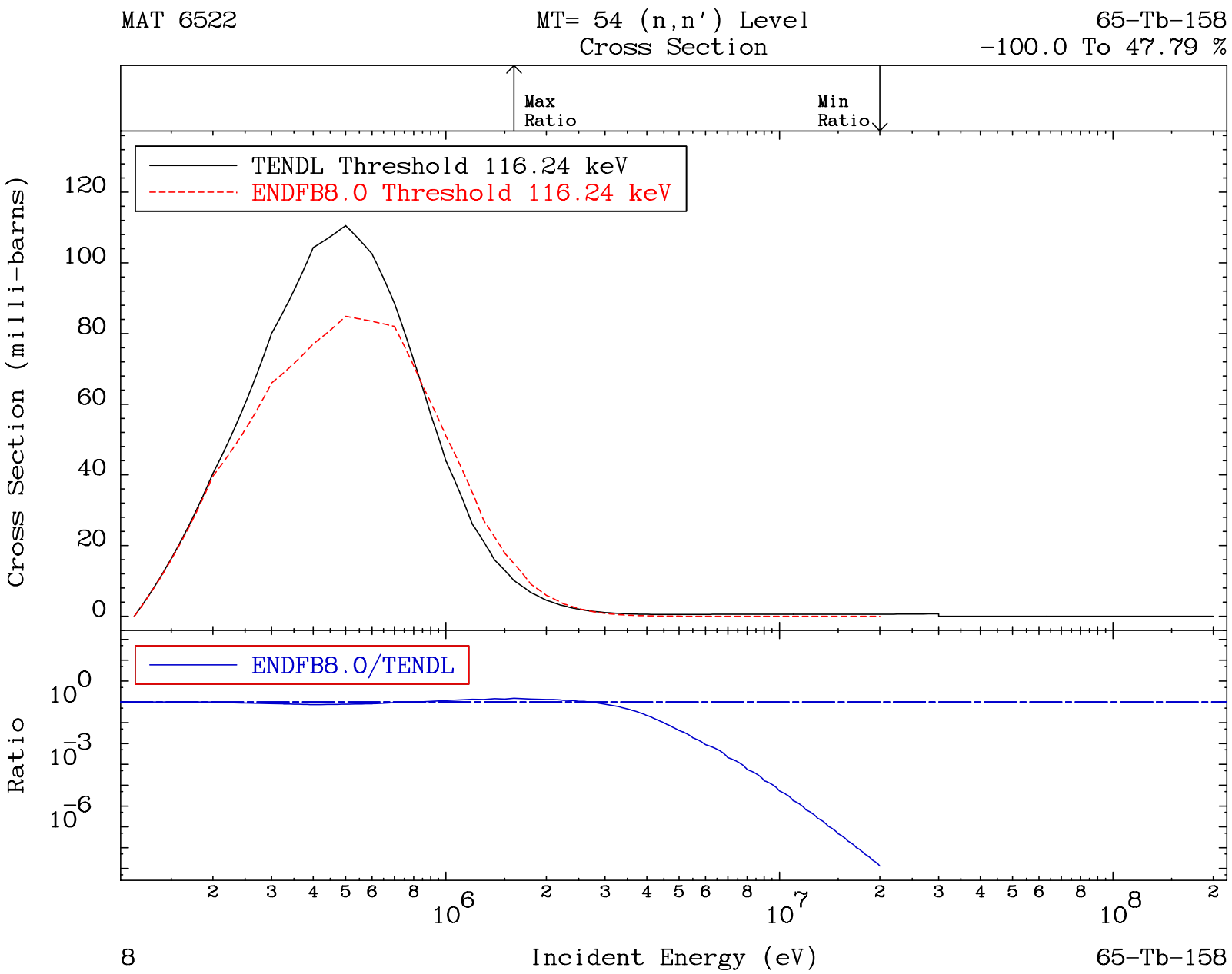

MAT 6522
Inelastic
Cross Section
65-Tb-158
-35.14 To 154.5 %
Max Ratio
Min Ratio
TENDL Threshold 55.392 keV
ENDFB8.0 Threshold 55.392 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
3
65-Tb-158

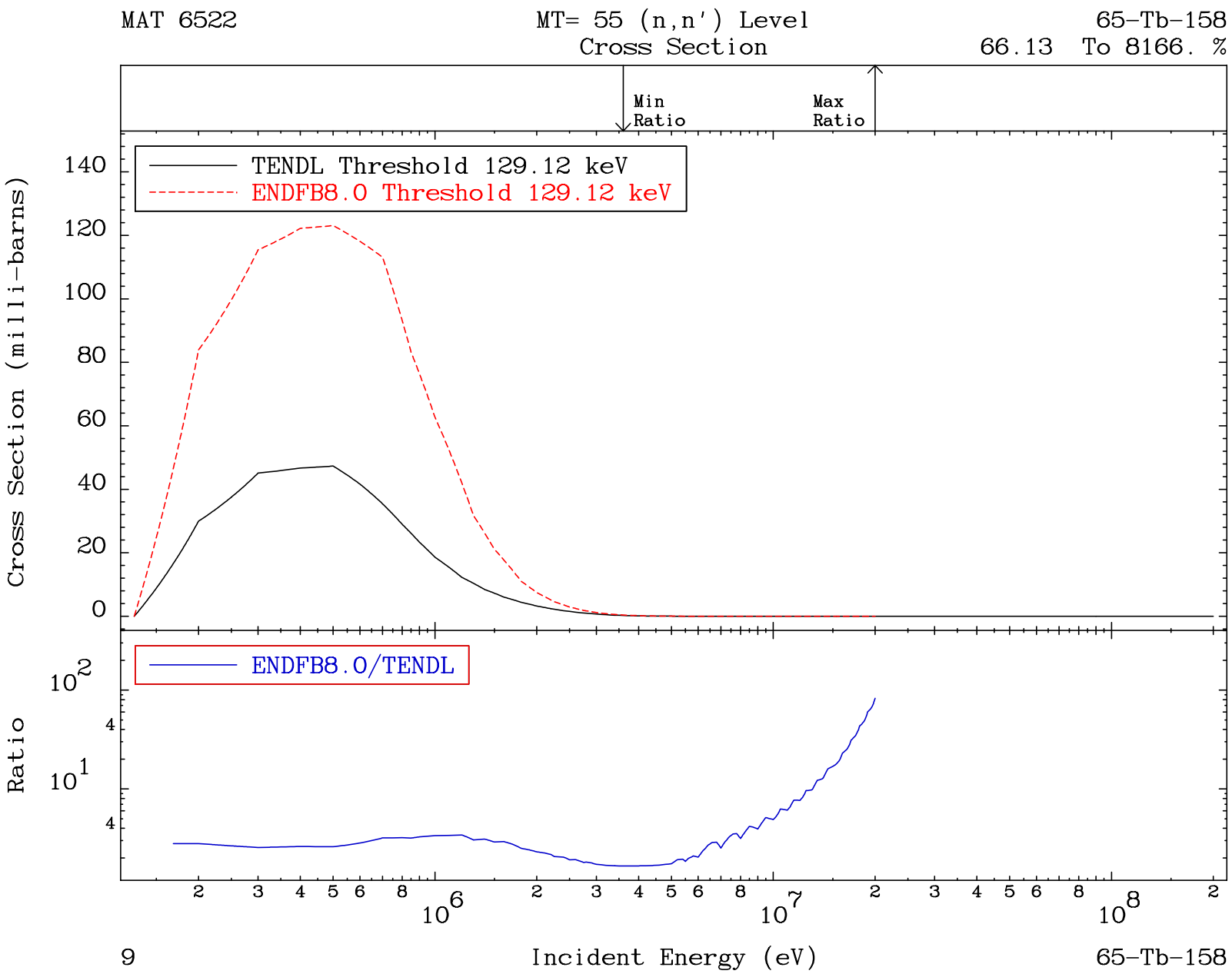

MAT 6522
(n,2n)
Cross Section
65-Tb-158
3.407 To 212.6 %
Min
Ratio
TENDL Threshold 6.8219 MeV
ENDFB8.0 Threshold 6.8203 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
3.0
2.0
1.0
7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
4
Incident Energy (eV)
65-Tb-158

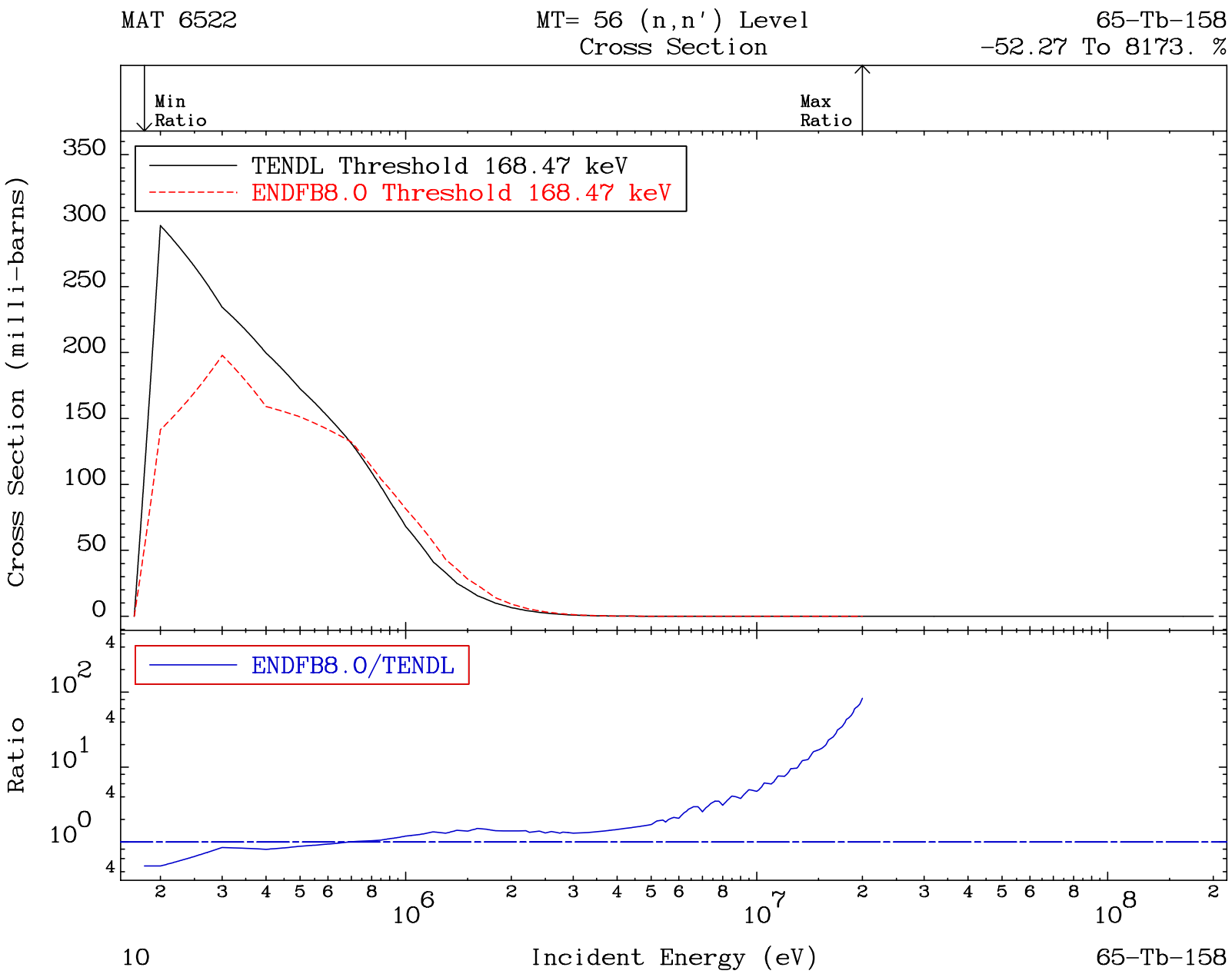

MAT 6522
MT= 51 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 224.5 %
Max
Ratio
Min
Ratio
TENDL Threshold 55.392 keV
ENDFB8.0 Threshold 55.392 keV
Cross Section (milli-barns)
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
5
Incident Energy (eV)
65-Tb-158

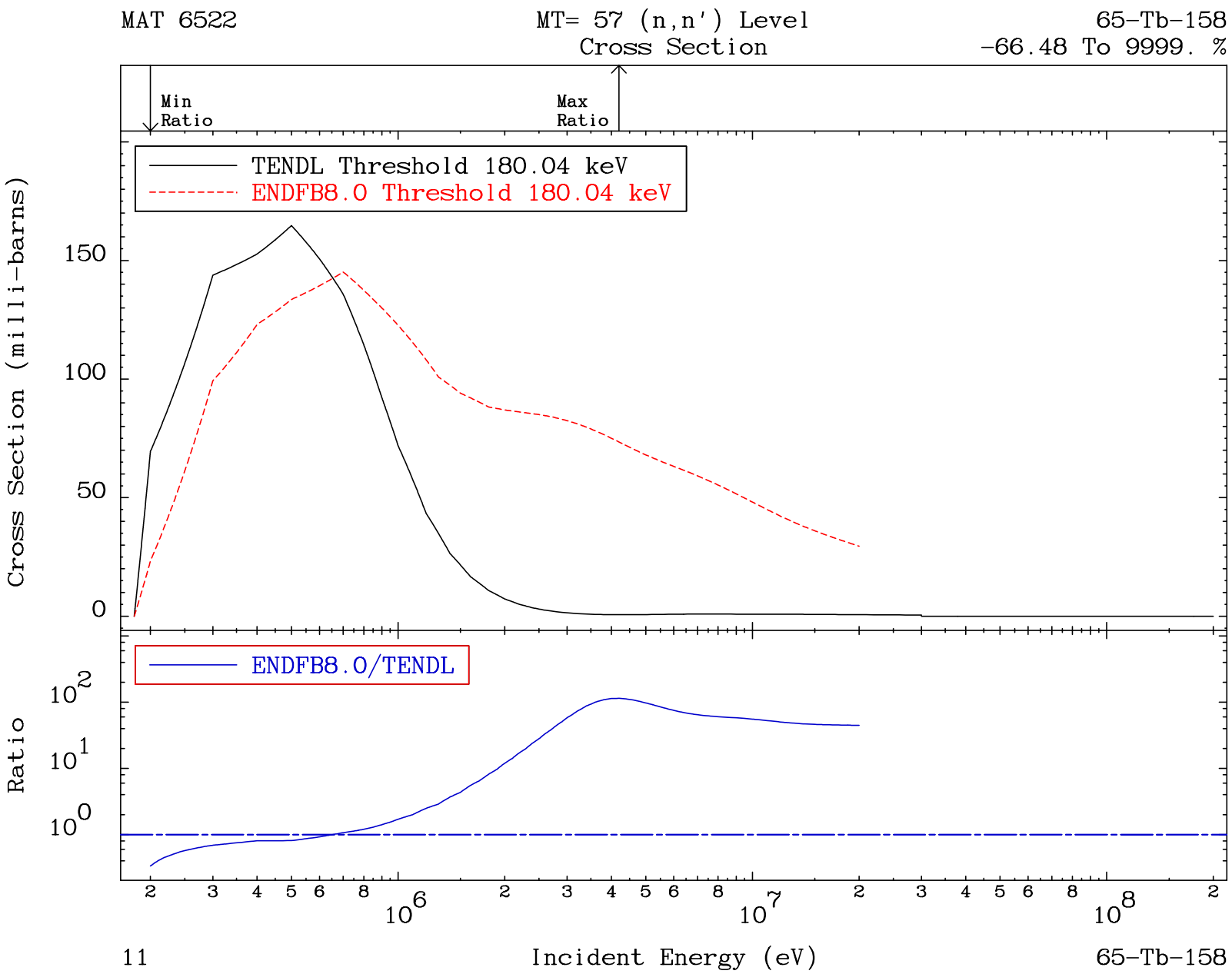

MAT 6522
MT= 52 (n,n') Level
Cross Section
65-Tb-158
-65.07 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 80.410 keV
ENDFB8.0 Threshold 80.410 keV
Cross Section (milli-barns)
700
600
500
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^12
10^8
10^4
10^0
8
2
3
4
5
6
8
10^5
10^6
10^7
10^8
6
Incident Energy (eV)
65-Tb-158

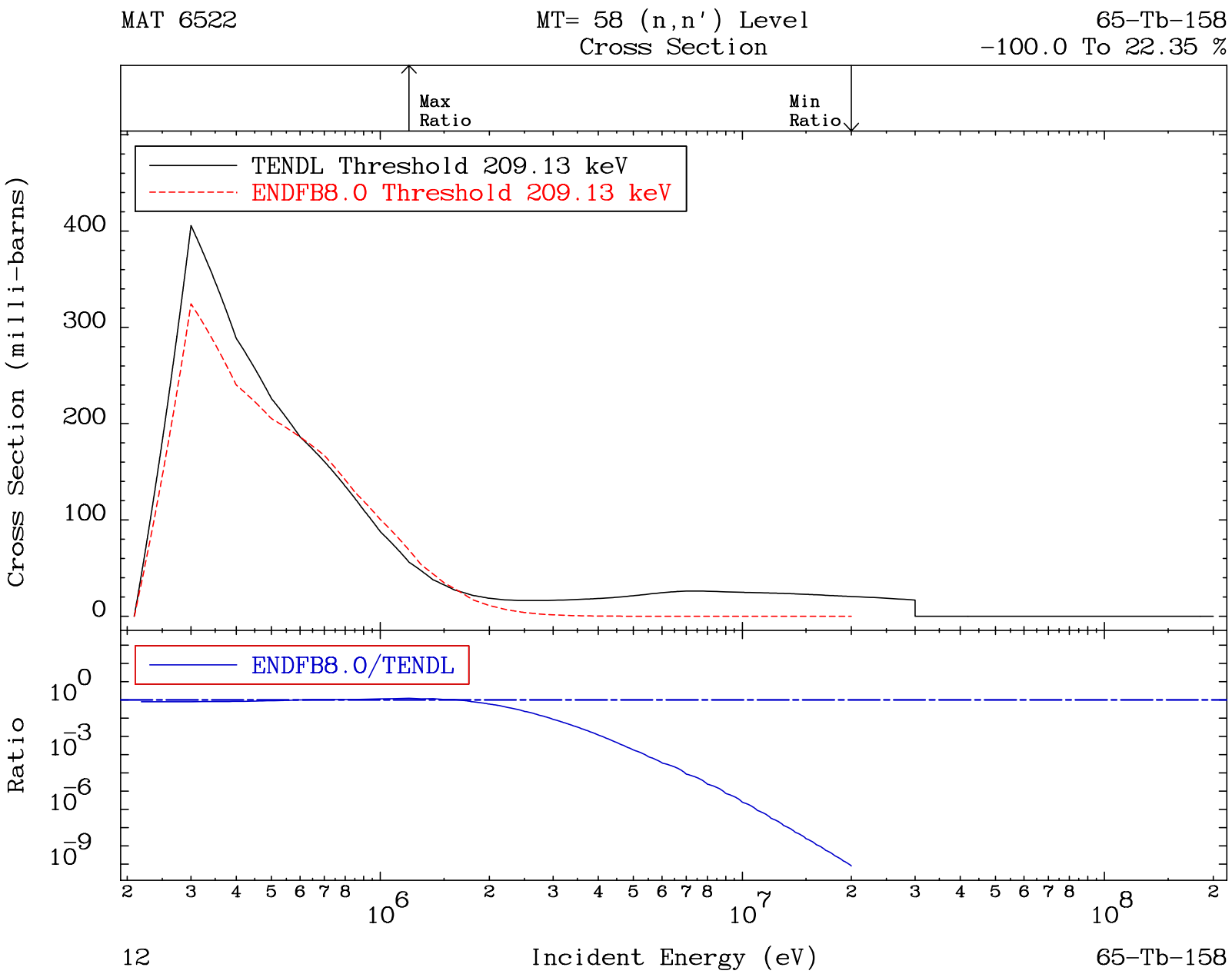

MAT 6522
MT= 53 (n,n') Level
Cross Section
65-Tb-158
-31.24 To 8183. %
Min
Ratio
Max
Ratio
TENDL Threshold 111.00 keV
ENDFB8.0 Threshold 111.00 keV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^2
10^1
10^0
2 3 4 5 6 8
10^6
10^7
10^8
7
Incident Energy (eV)
65-Tb-158

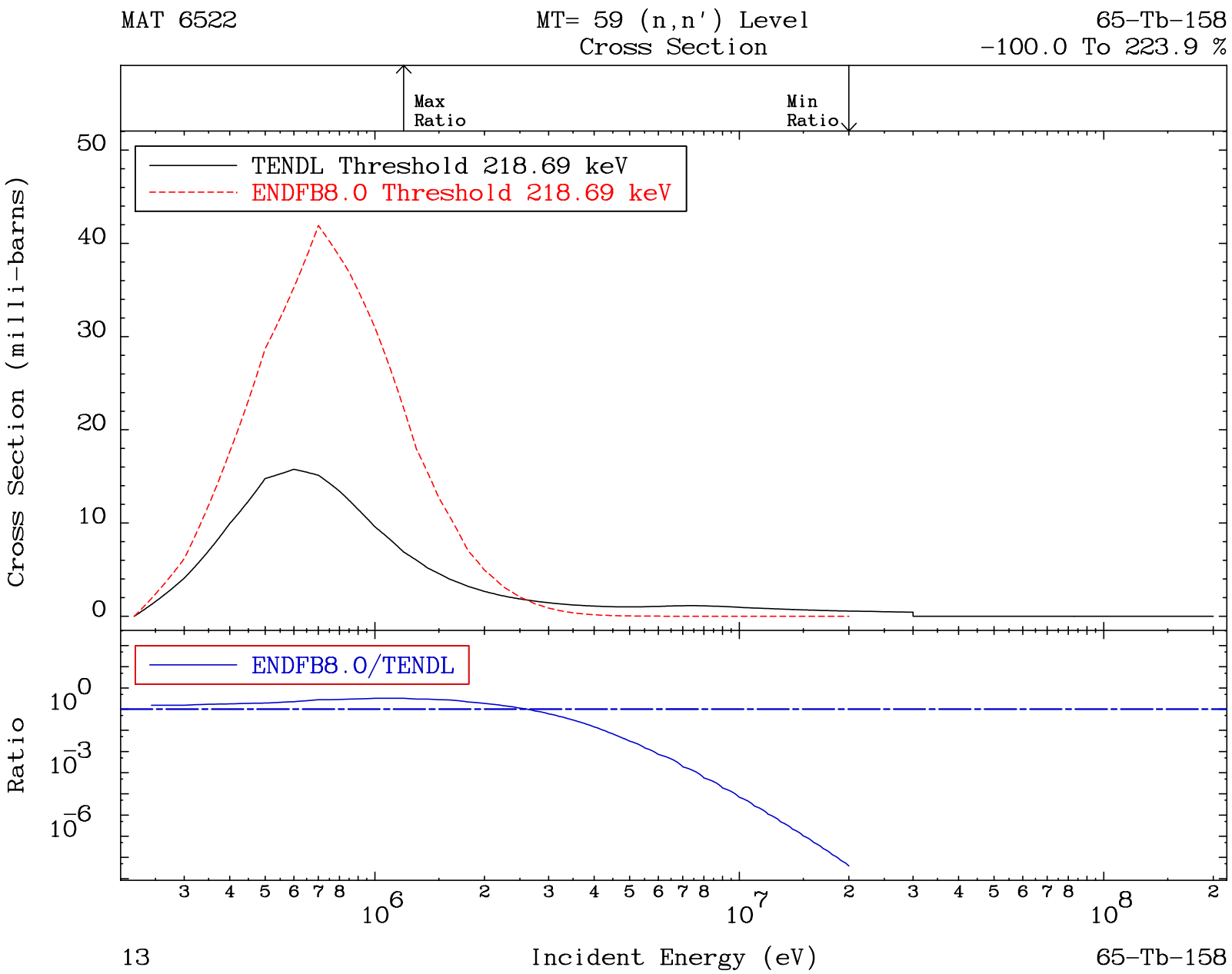

MAT 6522
MT= 54 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 47.79 %
Max
Ratio
Min
Ratio
TENDL Threshold 116.24 keV
ENDFB8.0 Threshold 116.24 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
2
3
4
5
6
8
10^6
10^7
10^8
8
Incident Energy (eV)
65-Tb-158

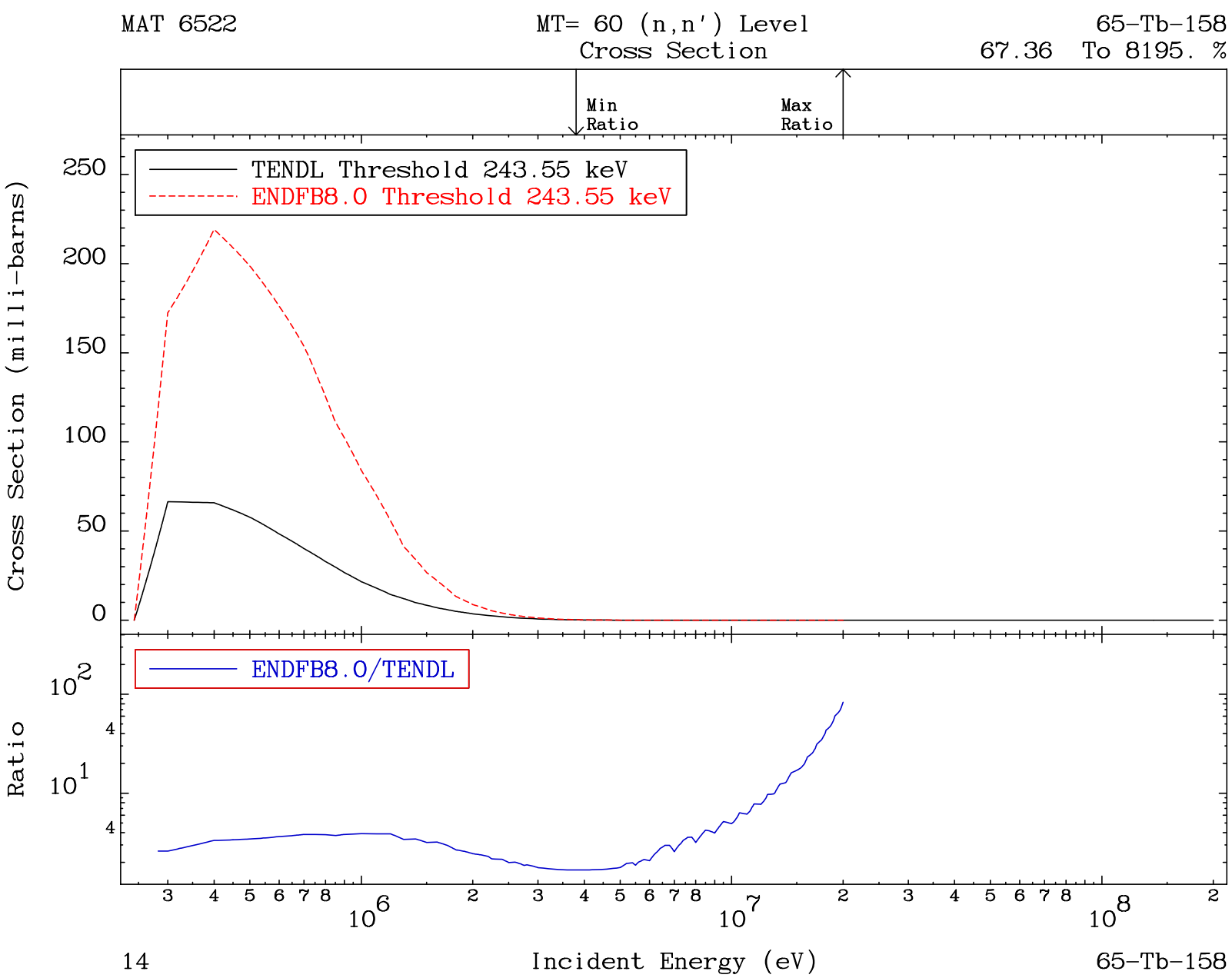

MAT 6522
MT= 55 (n,n') Level
Cross Section
65-Tb-158
66.13 To 8166. %
Min Ratio
Max Ratio
TENDL Threshold 129.12 keV
ENDFB8.0 Threshold 129.12 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^2
4
10^1
4
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
9
Incident Energy (eV)
65-Tb-158

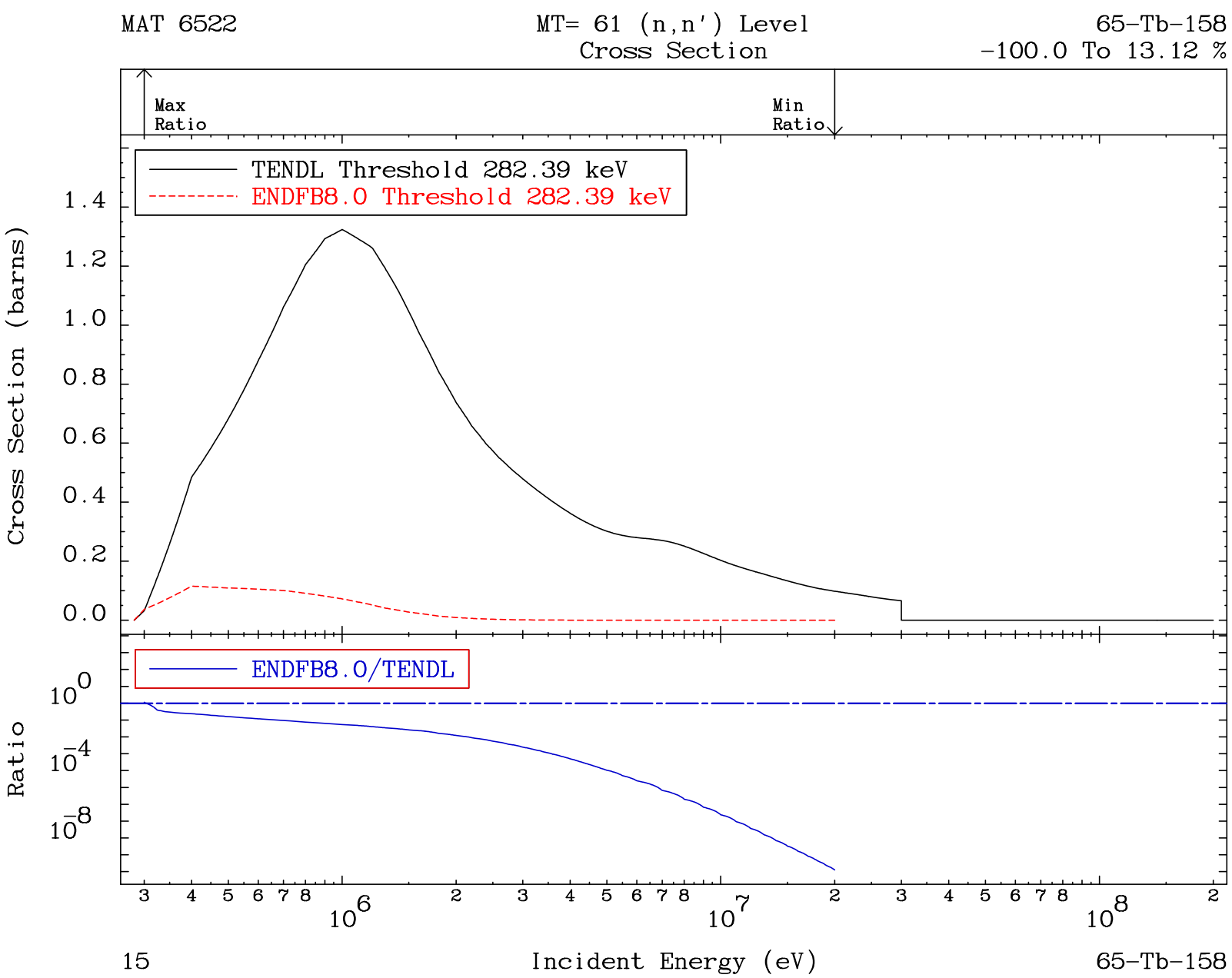

MAT 6522
MT= 56 (n,n') Level
Cross Section
65-Tb-158
-52.27 To 8173. %
Min
Ratio
Max
Ratio
TENDL Threshold 168.47 keV
ENDFB8.0 Threshold 168.47 keV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^2
10^1
10^0
10^6
10^7
10^8
Incident Energy (eV)
10
65-Tb-158

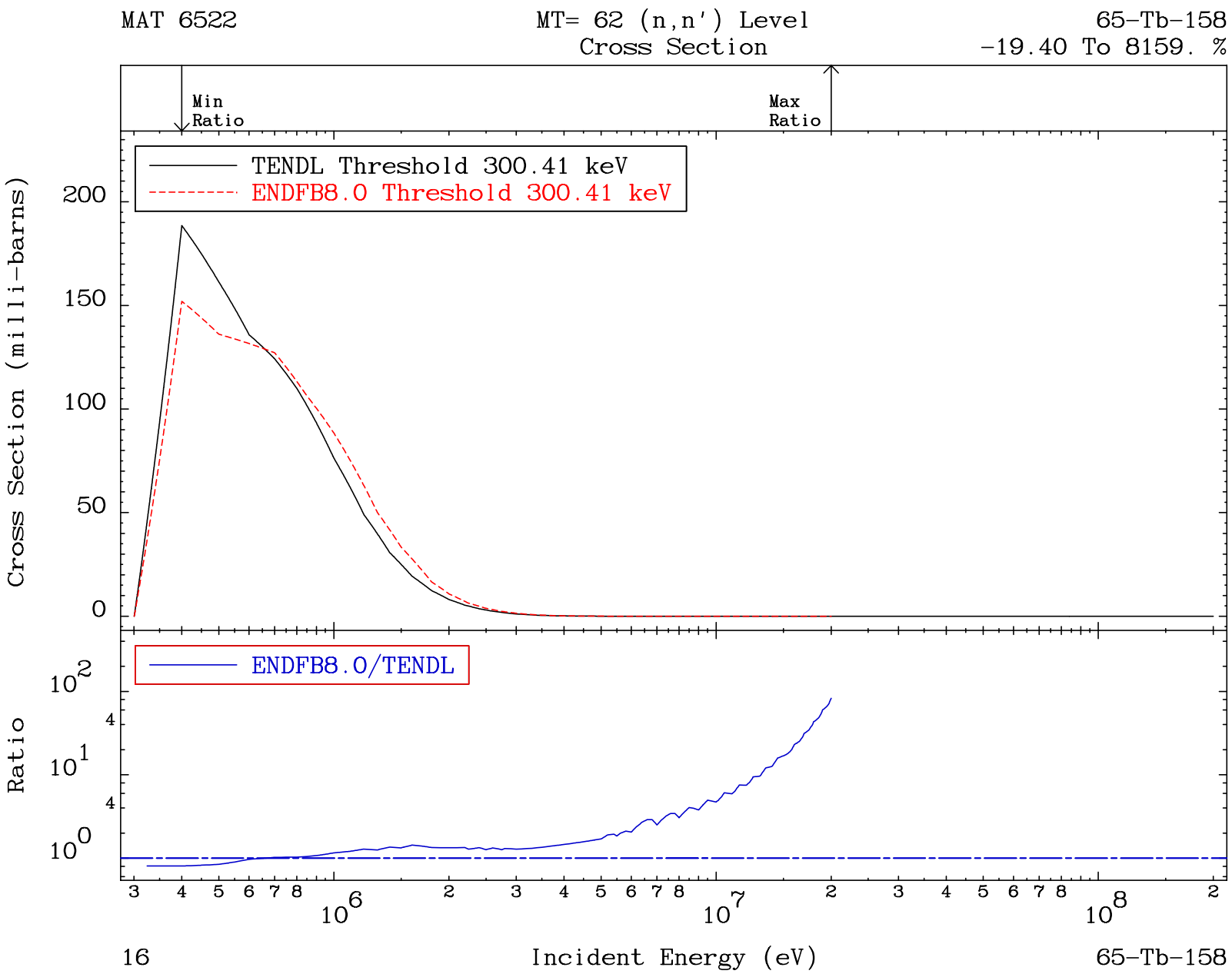

MAT 6522
MT= 57 (n,n') Level
Cross Section
65-Tb-158
-66.48 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 180.04 keV
ENDFB8.0 Threshold 180.04 keV
Cross Section (milli-barns)
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^2
10^1
10^0
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
11
Incident Energy (eV)
65-Tb-158

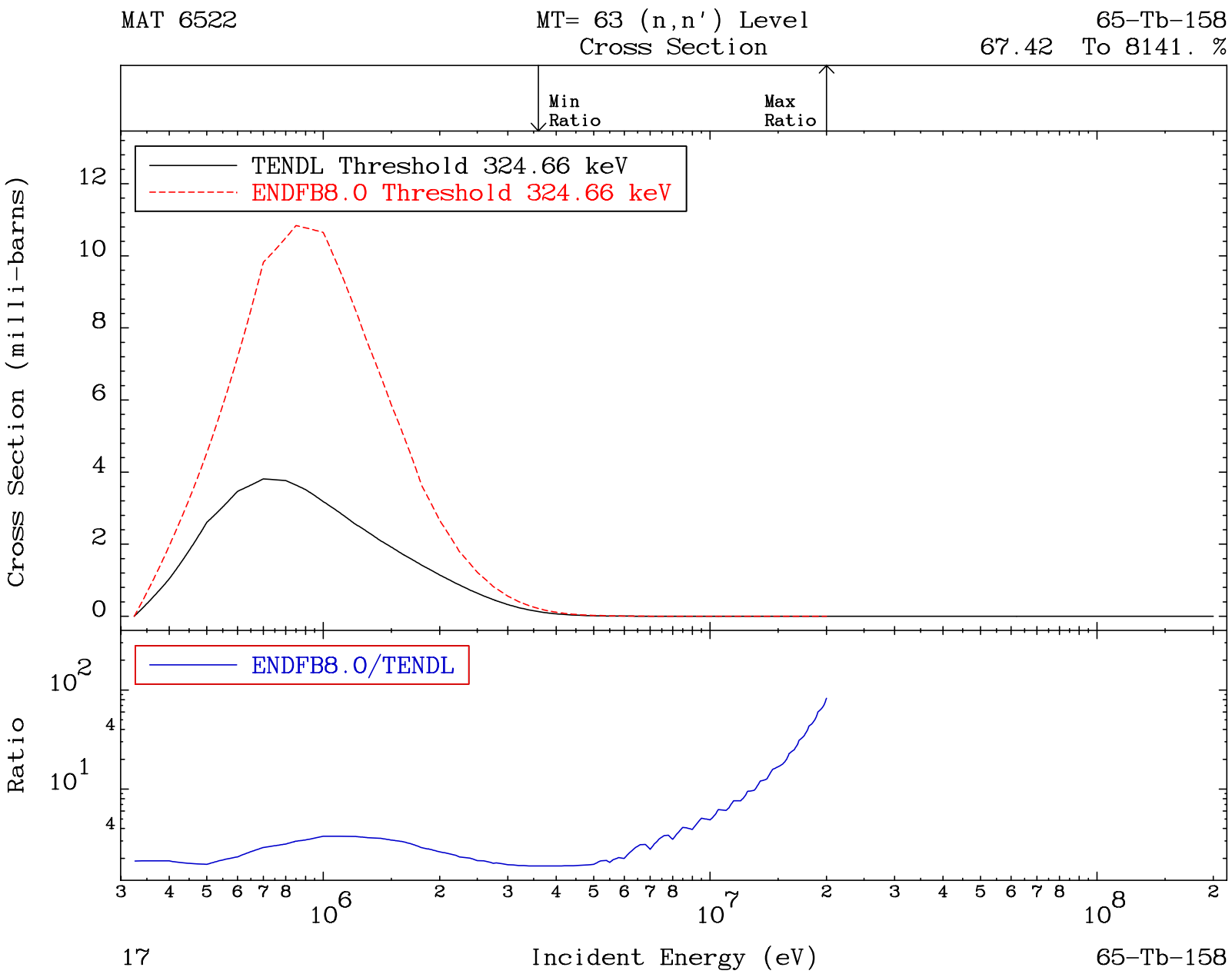

MAT 6522
MT= 58 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 22.35 %
Max
Ratio
Min
Ratio
TENDL Threshold 209.13 keV
ENDFB8.0 Threshold 209.13 keV
Cross Section (milli-barns)
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
2 3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
12
Incident Energy (eV)
65-Tb-158

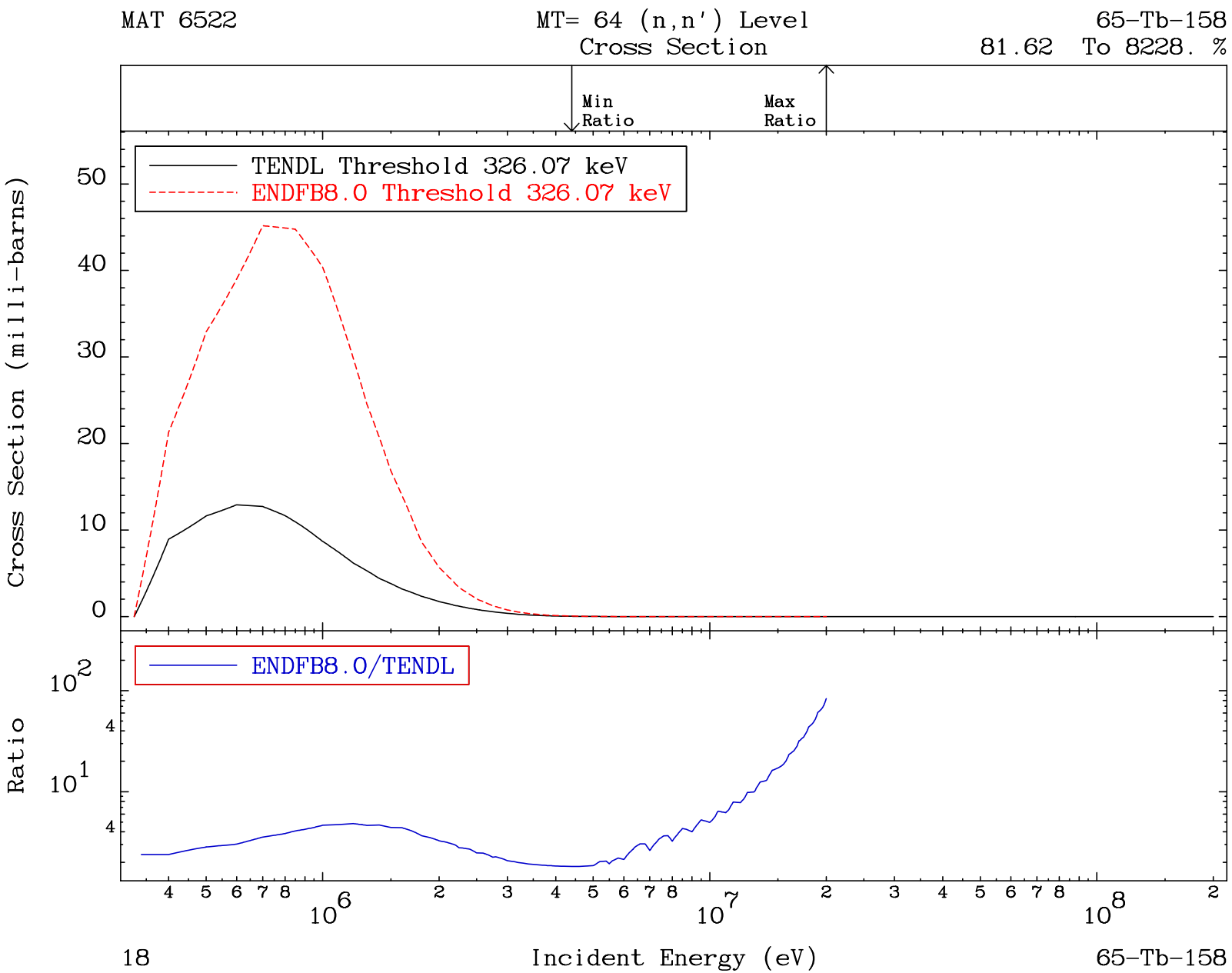

MAT 6522
MT= 59 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 223.9 %
Max
Ratio
Min
Ratio
TENDL Threshold 218.69 keV
ENDFB8.0 Threshold 218.69 keV
Cross Section (milli-barns)
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
13
Incident Energy (eV)
65-Tb-158

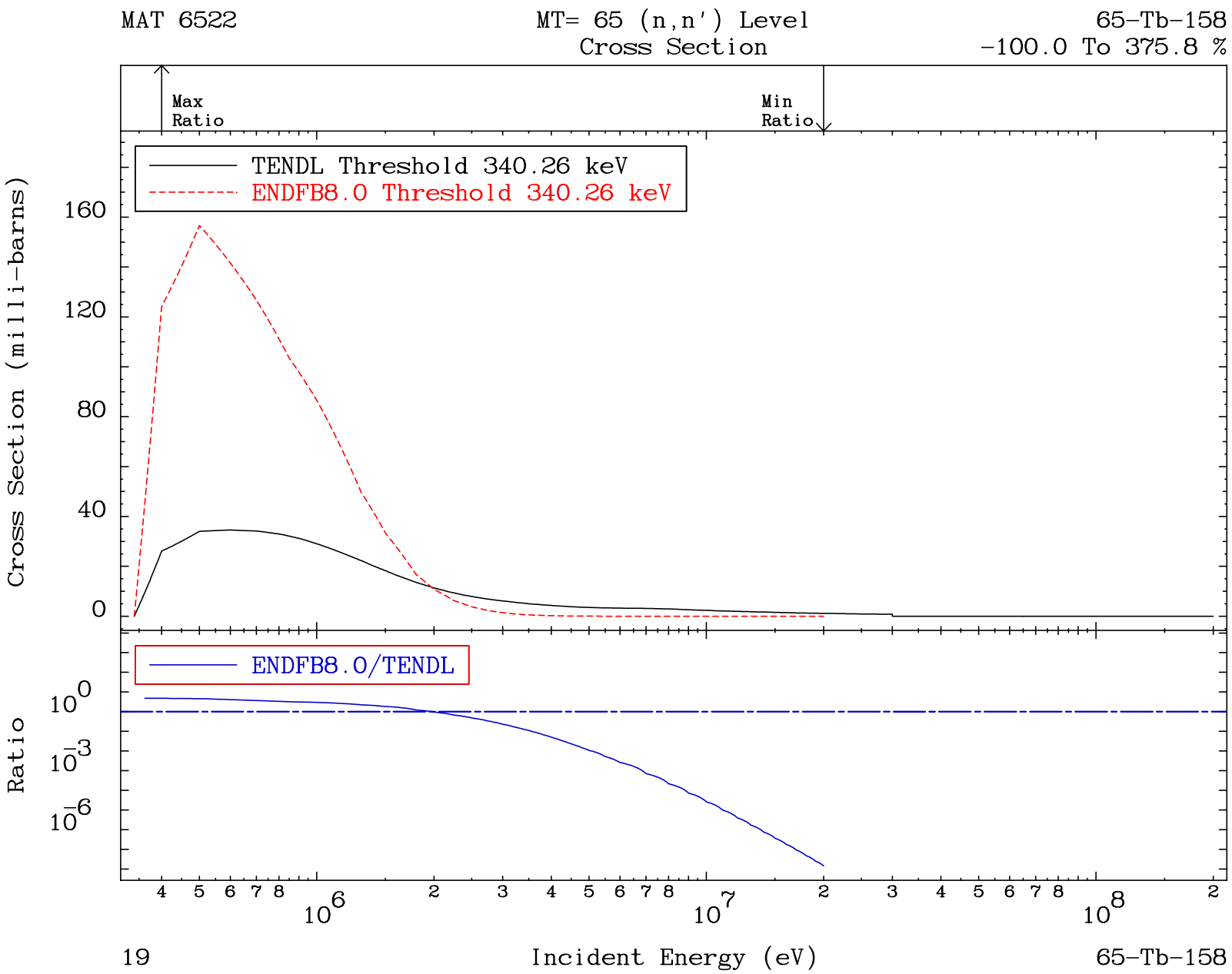

MAT 6522
MT= 60 (n,n') Level
Cross Section
65-Tb-158
67.36 To 8195. %
Min Ratio
Max Ratio
TENDL Threshold 243.55 keV
ENDFB8.0 Threshold 243.55 keV
Cross Section (milli-barns)
250
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^2
4
10^1
4
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
14
Incident Energy (eV)
65-Tb-158

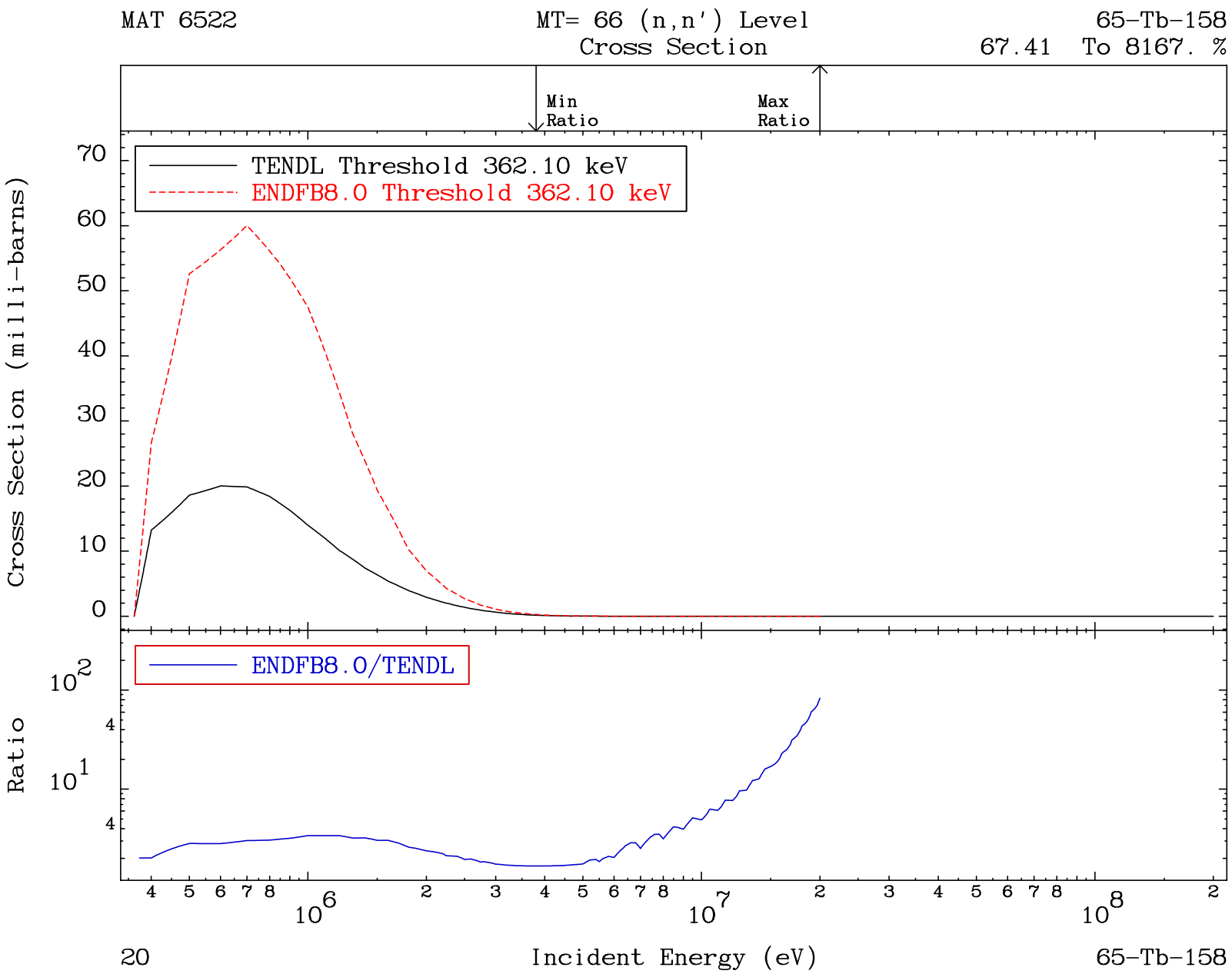

MAT 6522
MT= 61 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 13.12 %
Max
Ratio
Min
Ratio
TENDL Threshold 282.39 keV
ENDFB8.0 Threshold 282.39 keV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
ENDFB8.0/TENDL
Ratio
10^0
10^-4
10^-8
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
15
Incident Energy (eV)
65-Tb-158

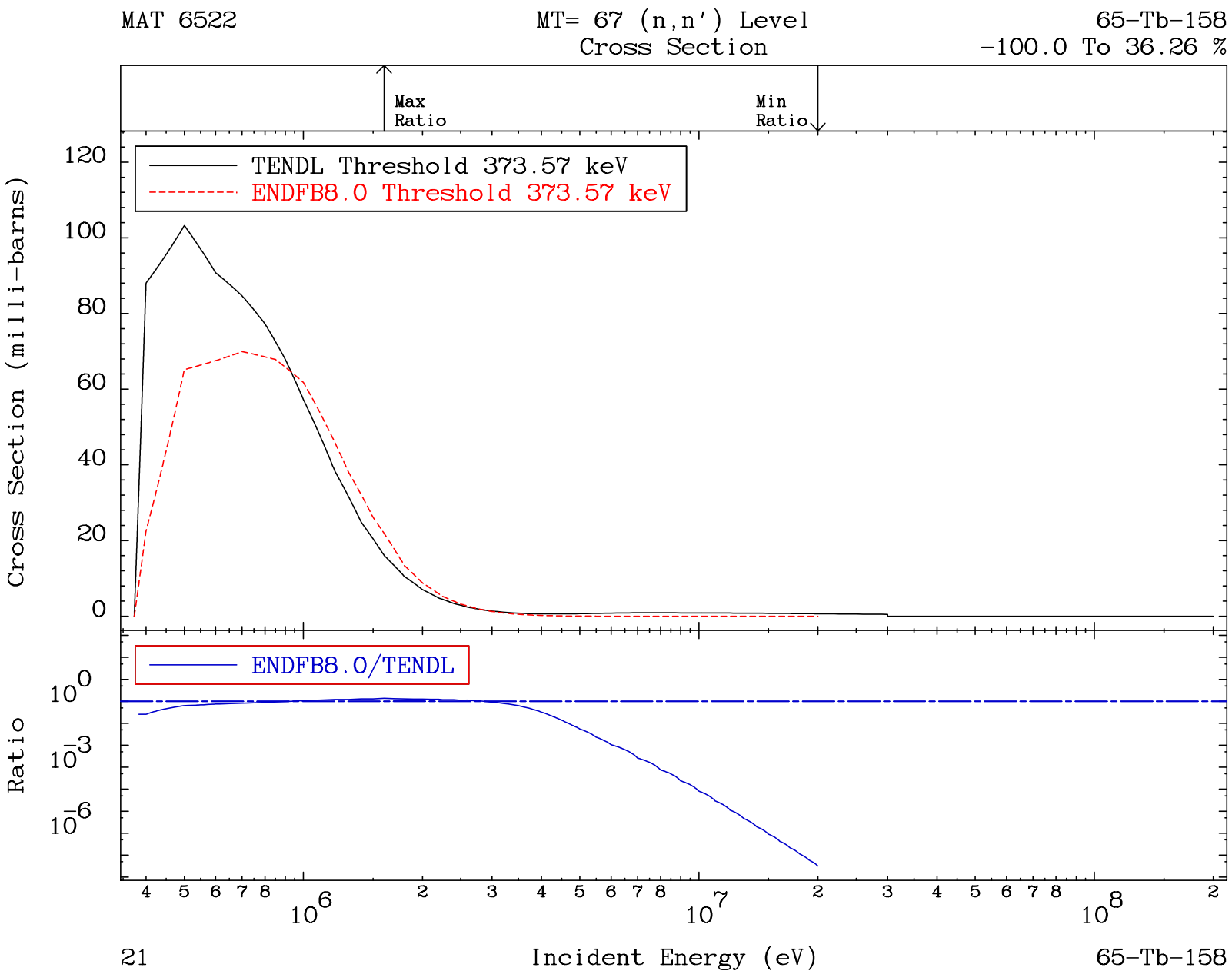

MAT 6522
MT= 62 (n,n') Level
Cross Section
65-Tb-158
-19.40 To 8159. %
Min
Ratio
Max
Ratio
TENDL Threshold 300.41 keV
ENDFB8.0 Threshold 300.41 keV
Cross Section (milli-barns)
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^2
10^1
10^0
10^6
10^7
10^8
16
Incident Energy (eV)
65-Tb-158

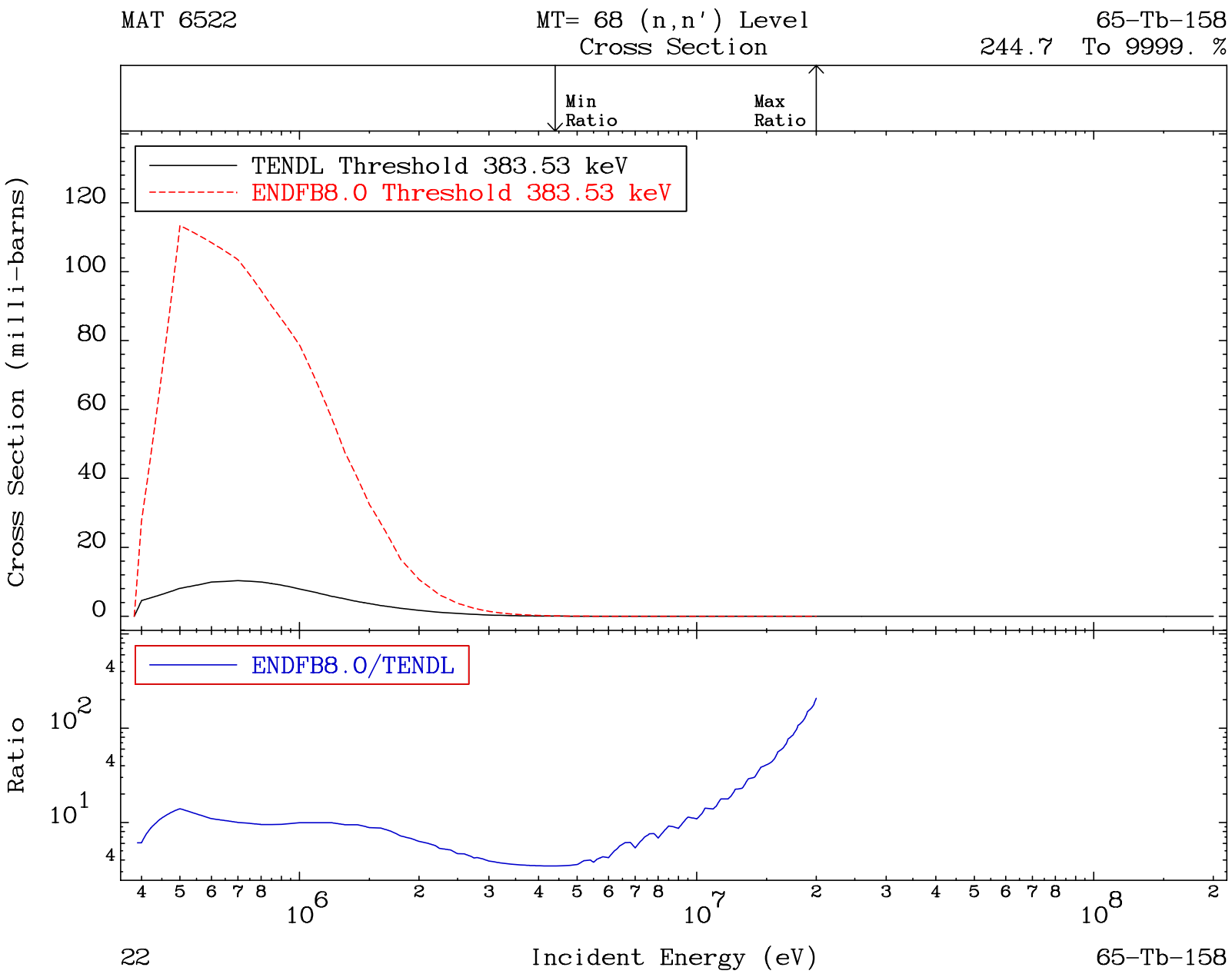

MAT 6522
MT= 63 (n,n') Level
Cross Section
65-Tb-158
67.42 To 8141. %
Min Ratio
Max Ratio
TENDL Threshold 324.66 keV
ENDFB8.0 Threshold 324.66 keV
Cross Section (milli-barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
17
65-Tb-158

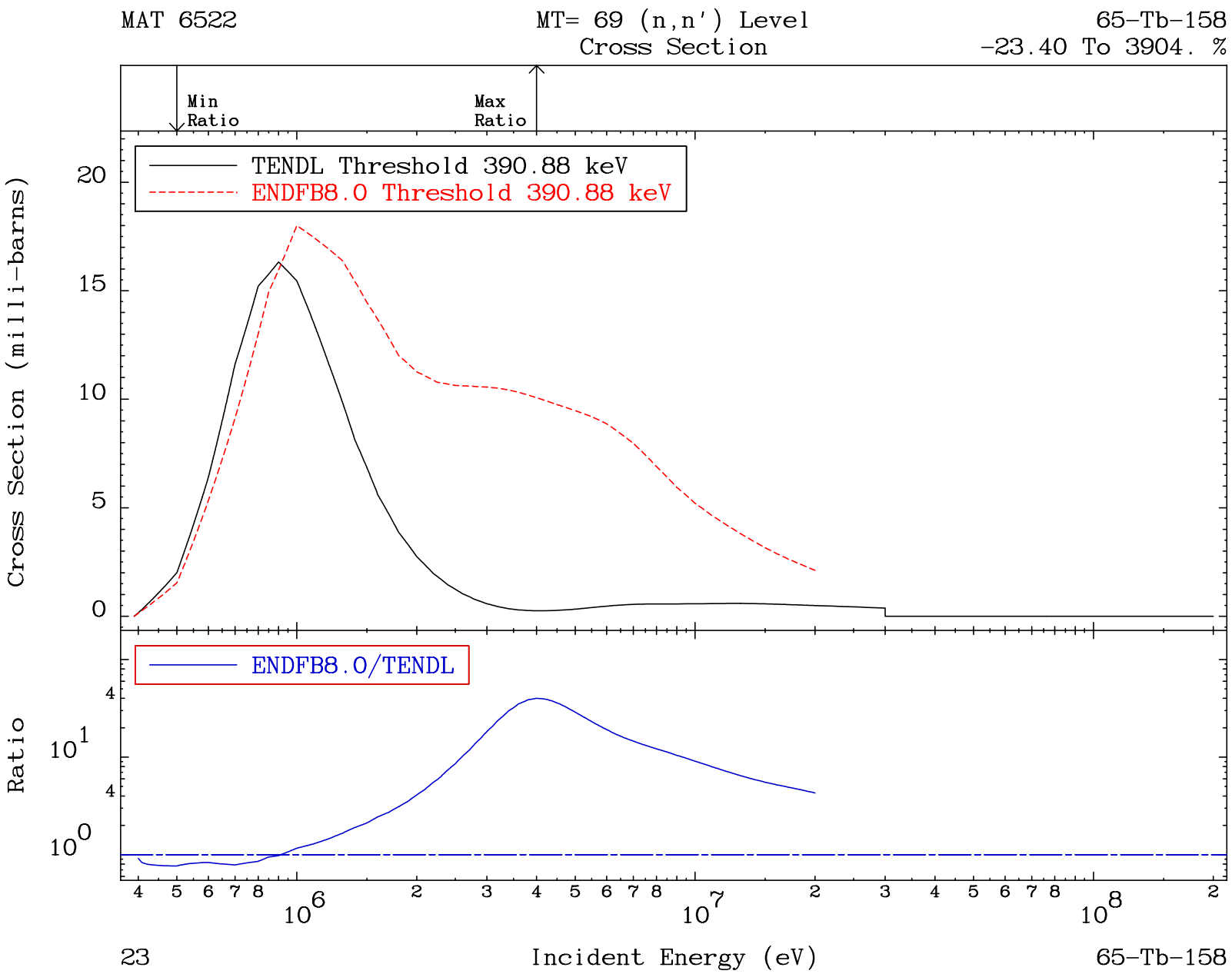

MAT 6522
MT= 64 (n,n') Level
Cross Section
65-Tb-158
81.62 To 8228. %
Min Ratio
Max Ratio
TENDL Threshold 326.07 keV
ENDFB8.0 Threshold 326.07 keV
Cross Section (milli-barns)
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^2
4
10^1
4
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
18
Incident Energy (eV)
65-Tb-158

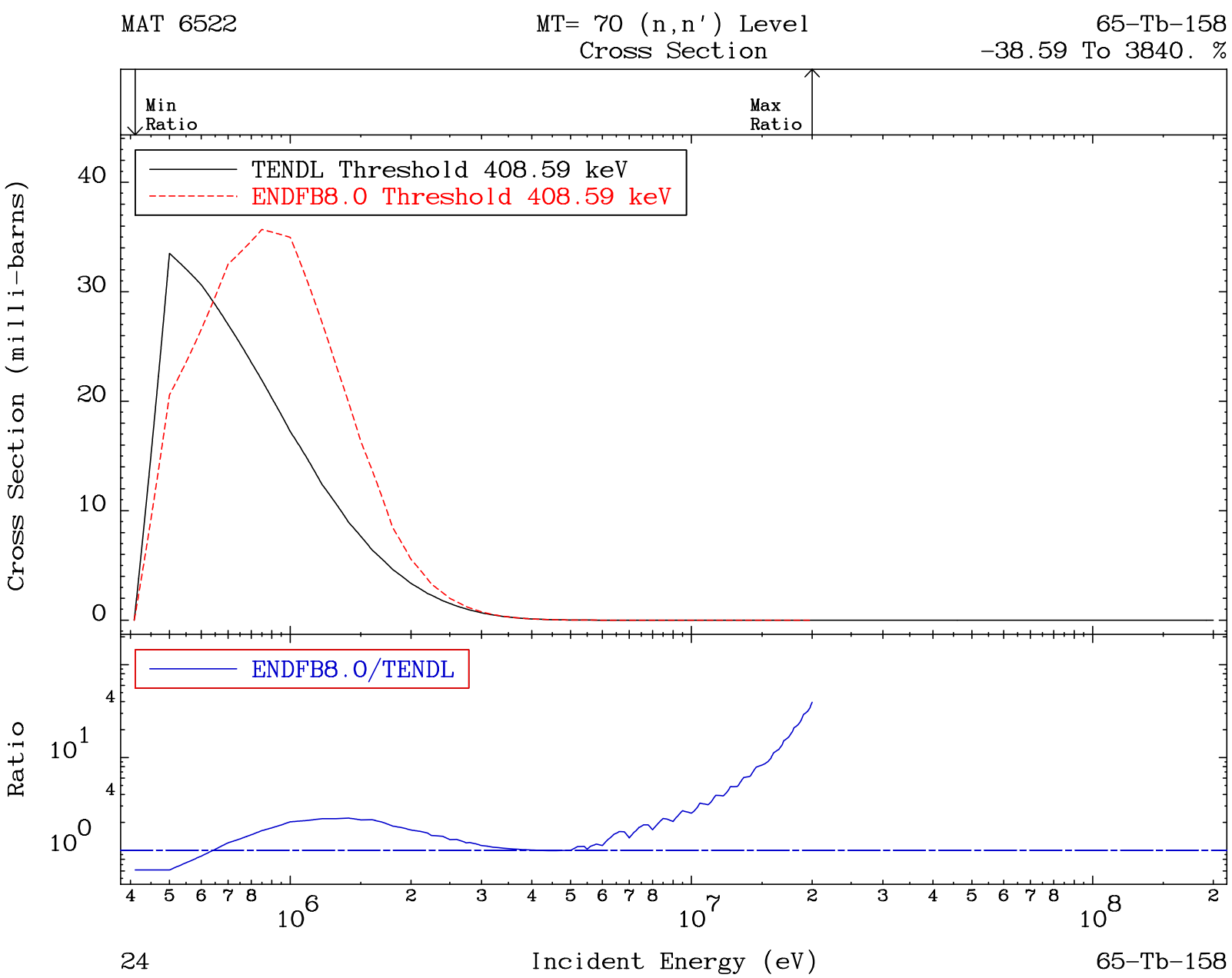

MAT 6522
MT= 65 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 375.8 %
Max
Ratio
Min
Ratio
TENDL Threshold 340.26 keV
ENDFB8.0 Threshold 340.26 keV
Cross Section (milli-barns)
160
120
80
40
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
19
Incident Energy (eV)
65-Tb-158

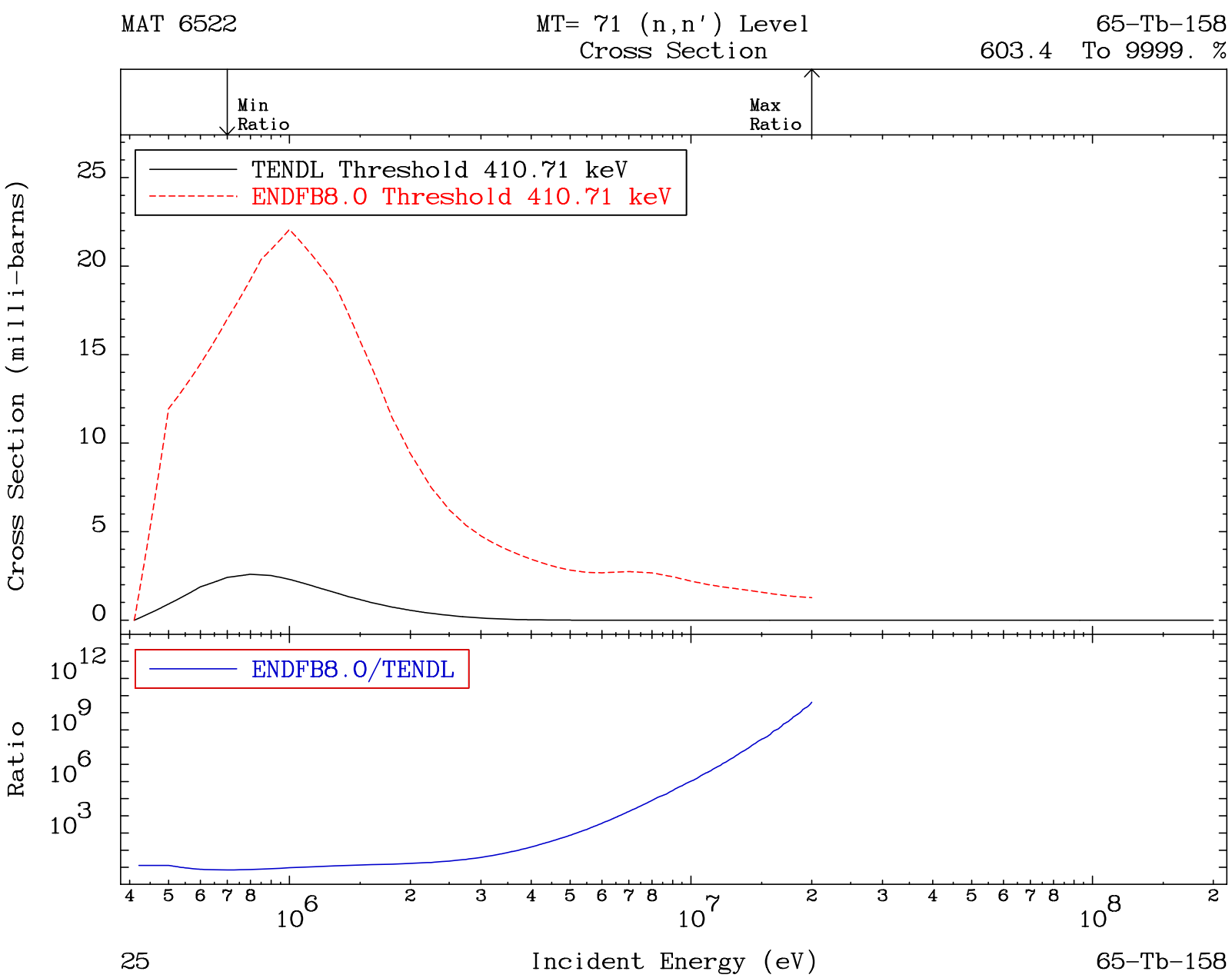

MAT 6522
MT= 66 (n,n') Level
Cross Section
65-Tb-158
67.41 To 8167. %
Min Ratio
Max Ratio
TENDL Threshold 362.10 keV
ENDFB8.0 Threshold 362.10 keV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^2
4
10^1
4
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
20
Incident Energy (eV)
65-Tb-158

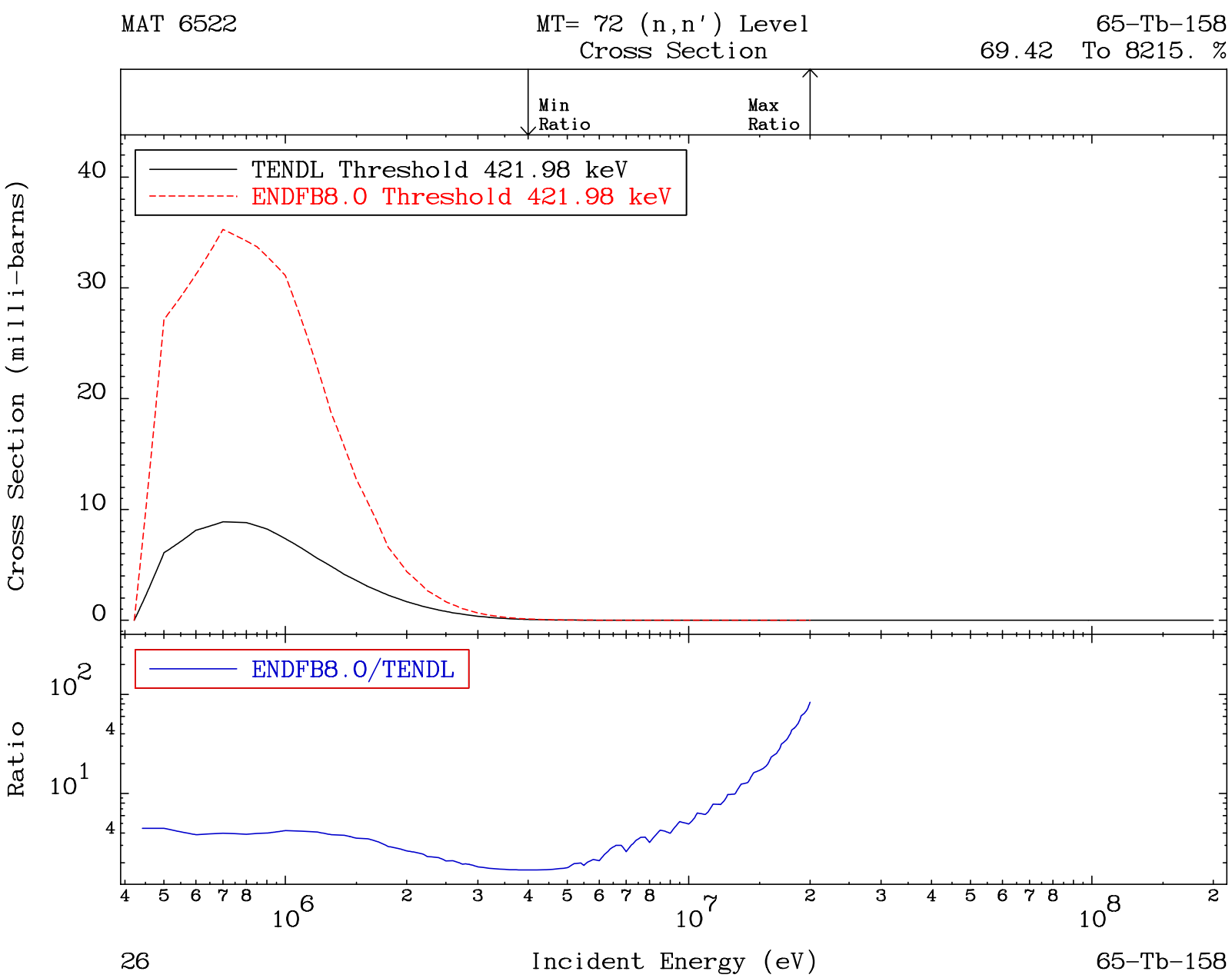

MAT 6522
MT= 67 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 36.26 %
Max
Ratio
Min
Ratio
TENDL Threshold 373.57 keV
ENDFB8.0 Threshold 373.57 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
21
Incident Energy (eV)
65-Tb-158

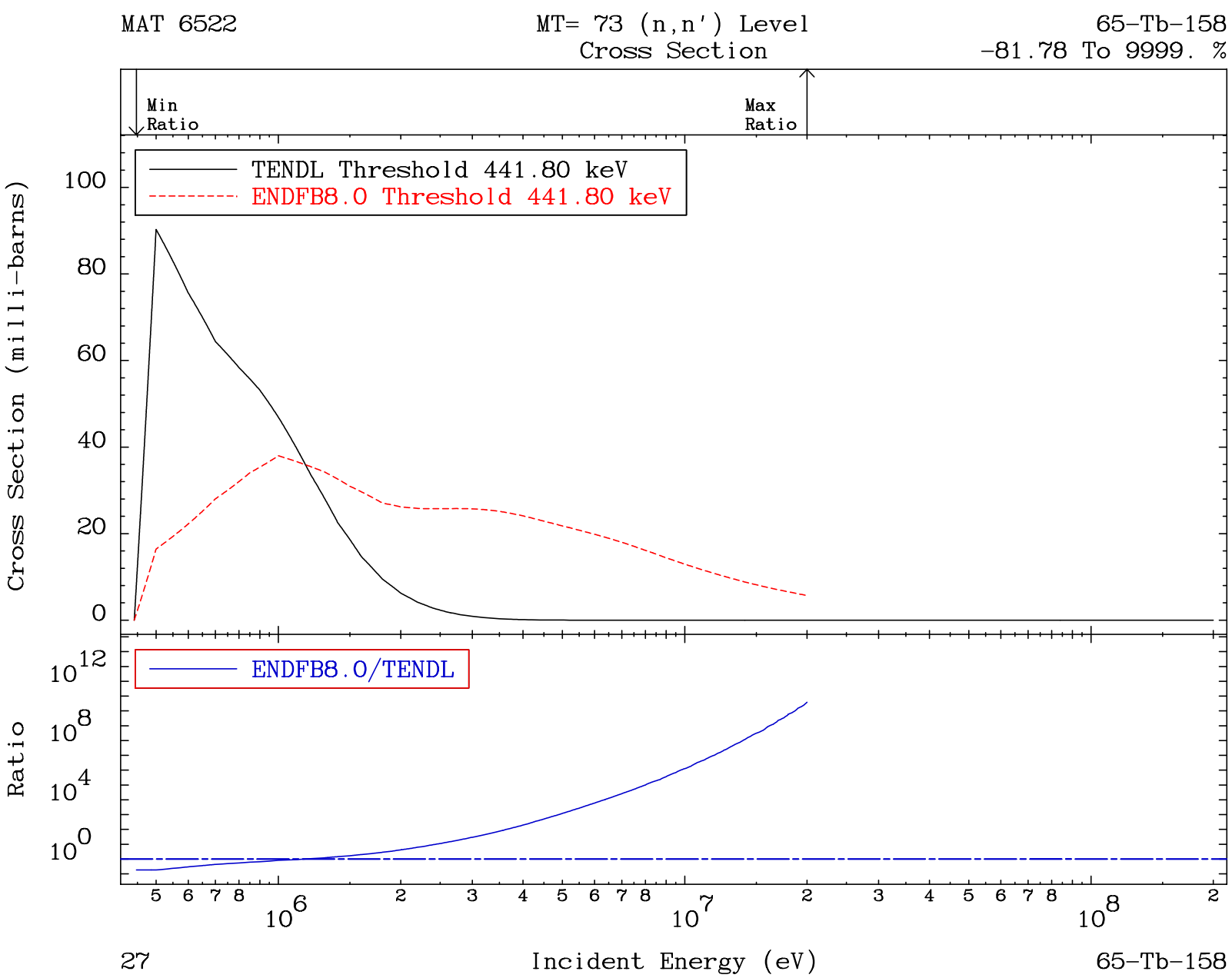

MAT 6522
MT= 68 (n,n') Level
Cross Section
65-Tb-158
244.7 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 383.53 keV
ENDFB8.0 Threshold 383.53 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^2
10^1
4
10^6
10^7
10^8
22
Incident Energy (eV)
65-Tb-158

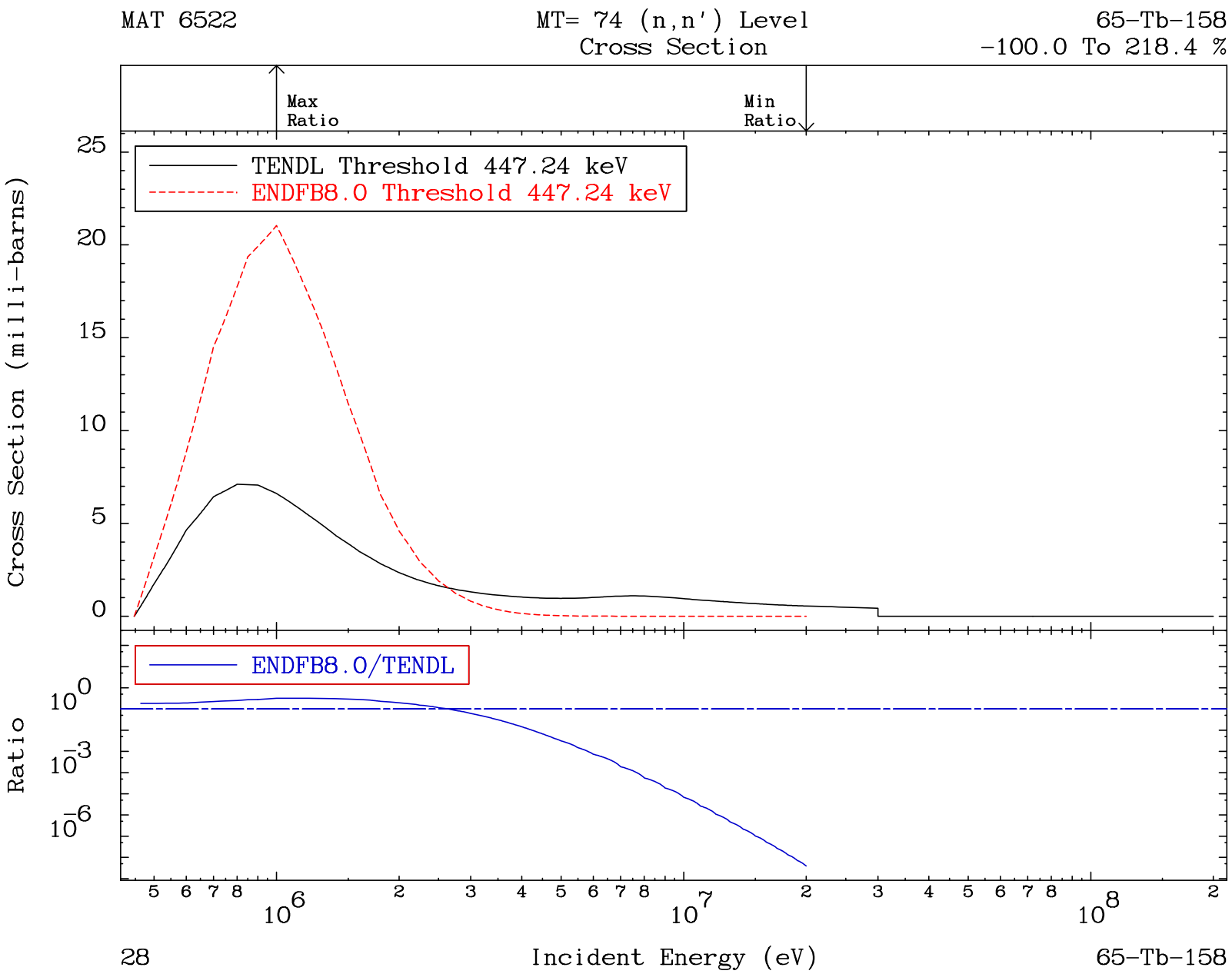

MAT 6522
MT= 69 (n,n') Level
Cross Section
65-Tb-158
-23.40 To 3904. %
Min
Ratio
Max
Ratio
TENDL Threshold 390.88 keV
ENDFB8.0 Threshold 390.88 keV
Cross Section (milli-barns)
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^1
10^0
4
4
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
23
Incident Energy (eV)
65-Tb-158

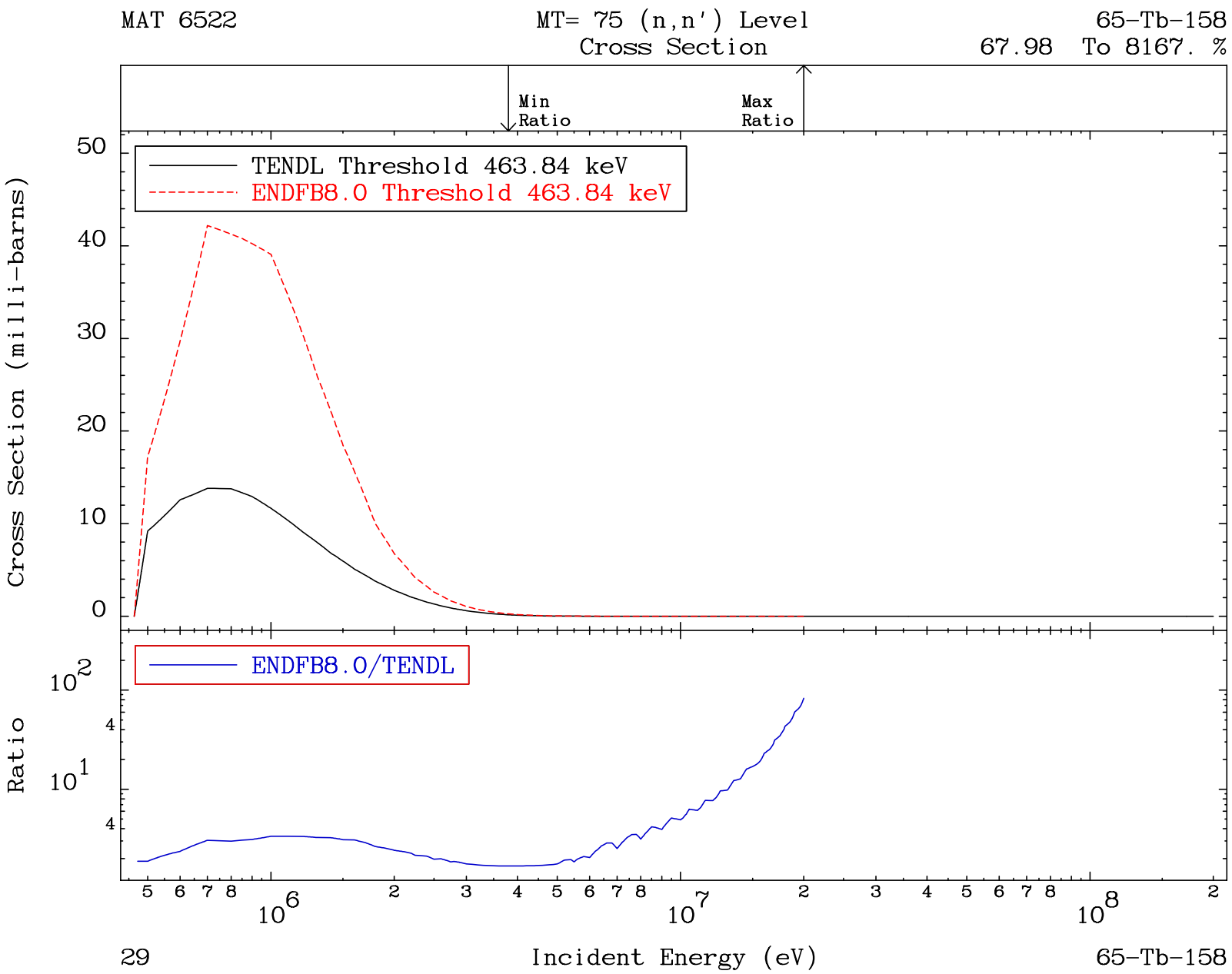

MAT 6522
MT= 70 (n,n') Level
Cross Section
65-Tb-158
-38.59 To 3840. %
Min
Ratio
Max
Ratio
TENDL Threshold 408.59 keV
ENDFB8.0 Threshold 408.59 keV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^1
10^0
4
10^6
10^7
10^8
24
Incident Energy (eV)
65-Tb-158

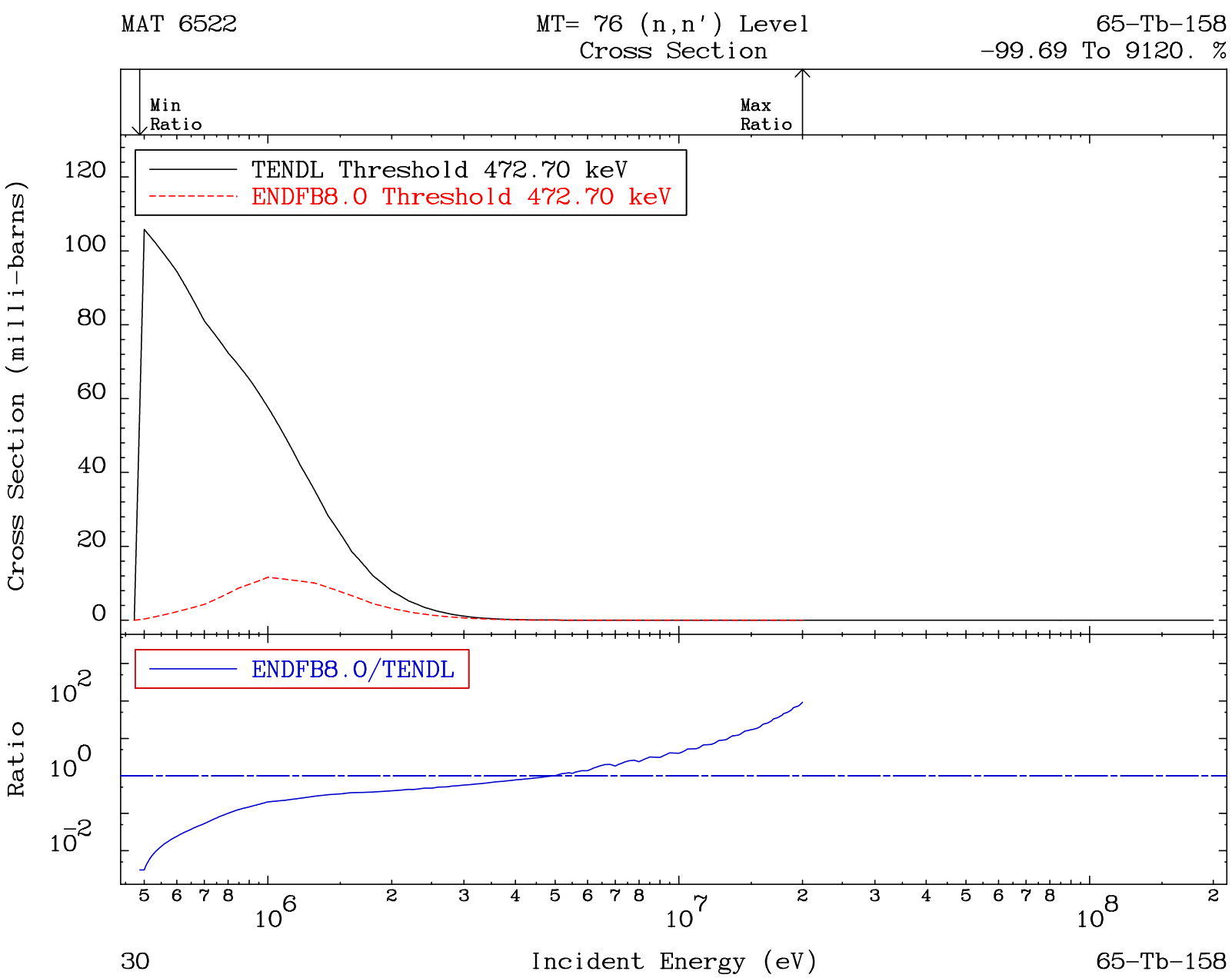

MAT 6522
MT= 71 (n,n') Level
Cross Section
65-Tb-158
603.4 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 410.71 keV
ENDFB8.0 Threshold 410.71 keV
Cross Section (milli-barns)
25
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^12
10^9
10^6
10^3
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
25
Incident Energy (eV)
65-Tb-158

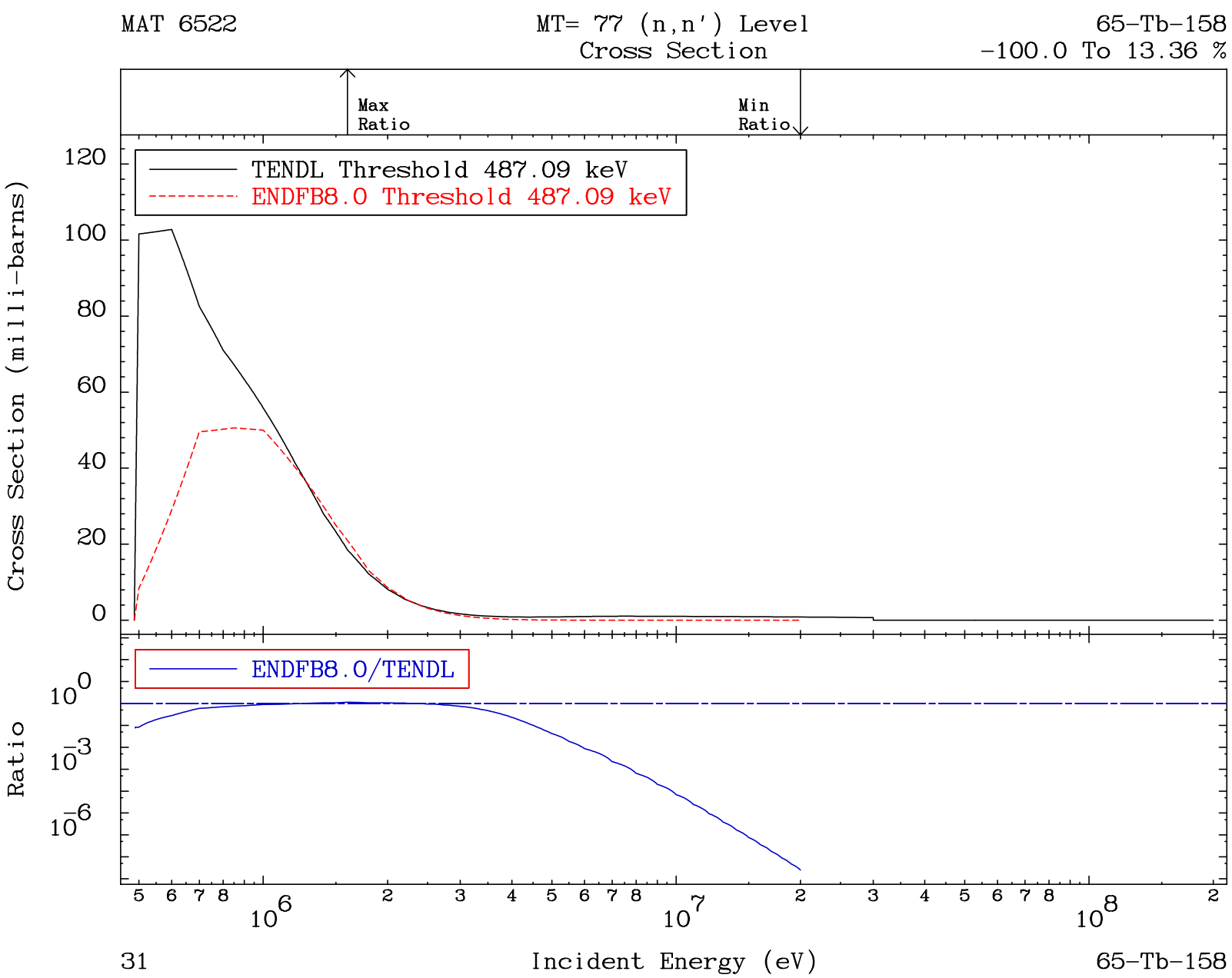

MAT 6522
MT= 72 (n,n') Level
Cross Section
65-Tb-158
69.42 To 8215. %
Min
Ratio
Max
Ratio
TENDL Threshold 421.98 keV
ENDFB8.0 Threshold 421.98 keV
Cross Section (milli-barns)
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^2
4
10^1
4
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
26
Incident Energy (eV)
65-Tb-158

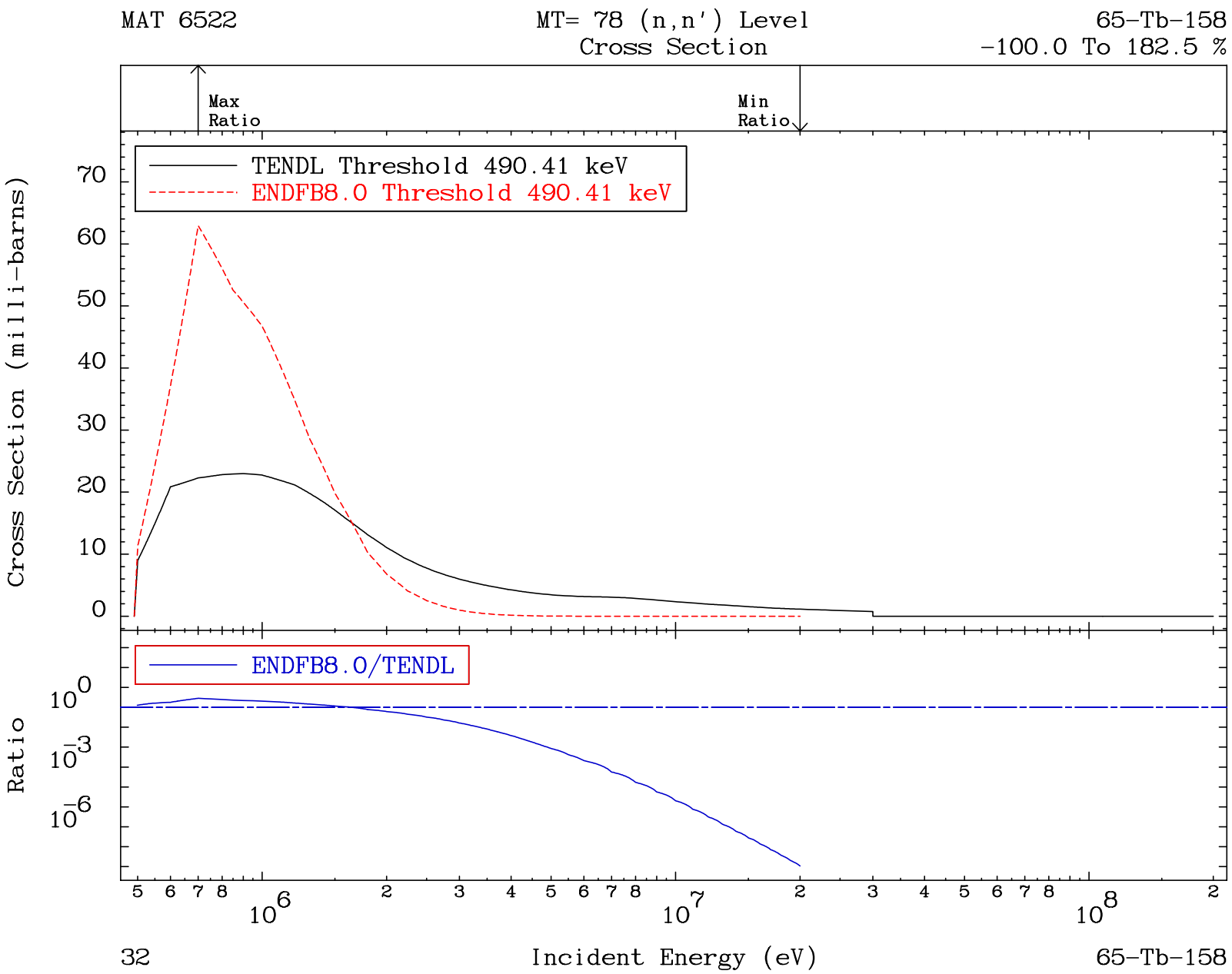

MAT 6522
MT= 73 (n,n') Level
Cross Section
65-Tb-158
-81.78 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 441.80 keV
ENDFB8.0 Threshold 441.80 keV
Cross Section (milli-barns)
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^12
10^8
10^4
10^0
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
27
Incident Energy (eV)
65-Tb-158

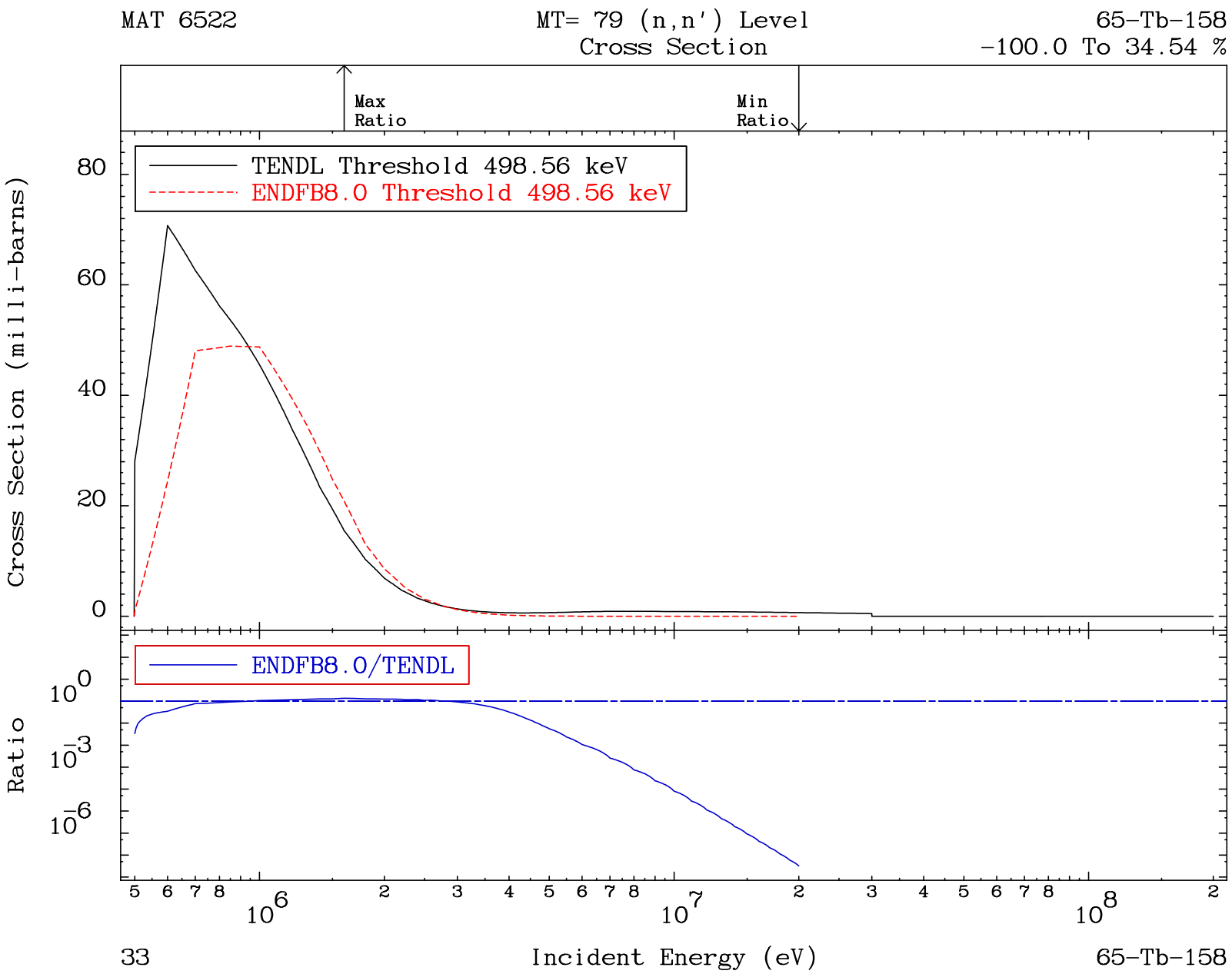

MAT 6522
MT= 74 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 218.4 %
Max
Ratio
Min
Ratio
TENDL Threshold 447.24 keV
ENDFB8.0 Threshold 447.24 keV
Cross Section (milli-barns)
25
20
15
10
5
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
28
Incident Energy (eV)
65-Tb-158

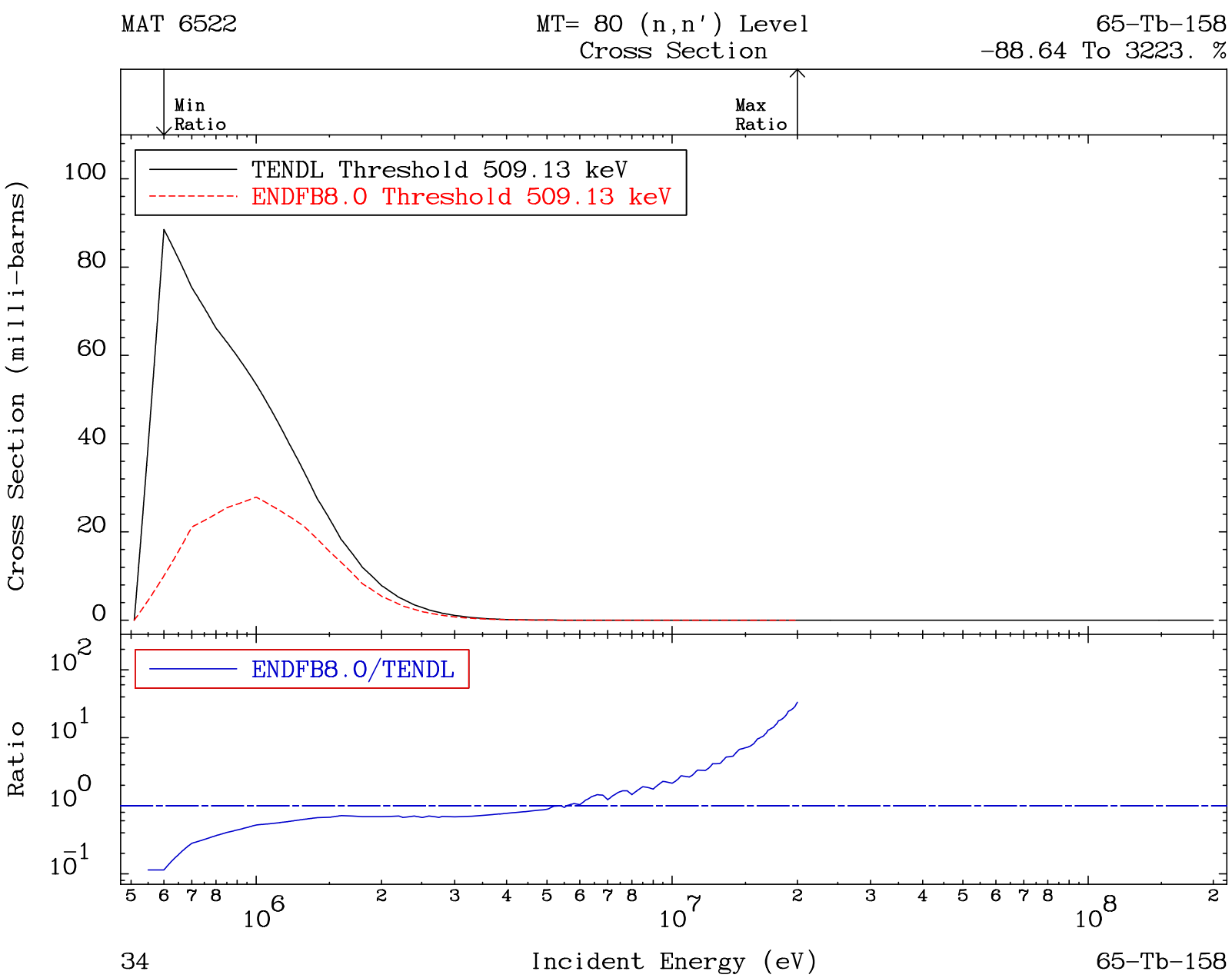

MAT 6522
MT= 75 (n,n') Level
Cross Section
65-Tb-158
67.98 To 8167. %
Min Ratio
Max Ratio
TENDL Threshold 463.84 keV
ENDFB8.0 Threshold 463.84 keV
Cross Section (milli-barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
29
65-Tb-158

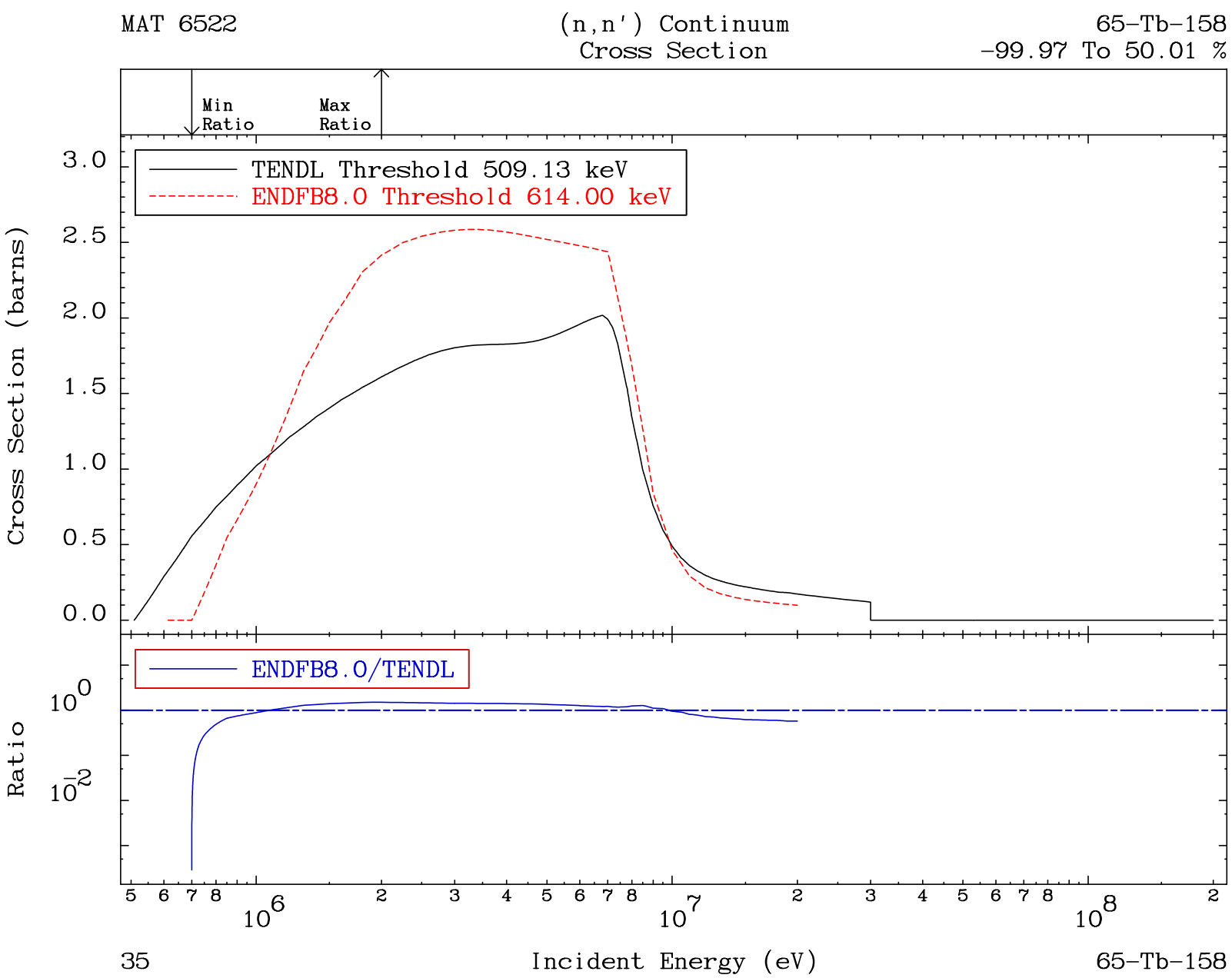

MAT 6522
MT= 76 (n,n') Level
Cross Section
65-Tb-158
-99.69 To 9120. %
Min
Ratio
Max
Ratio
TENDL Threshold 472.70 keV
ENDFB8.0 Threshold 472.70 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^2
10^0
10^-2
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
30
Incident Energy (eV)
65-Tb-158

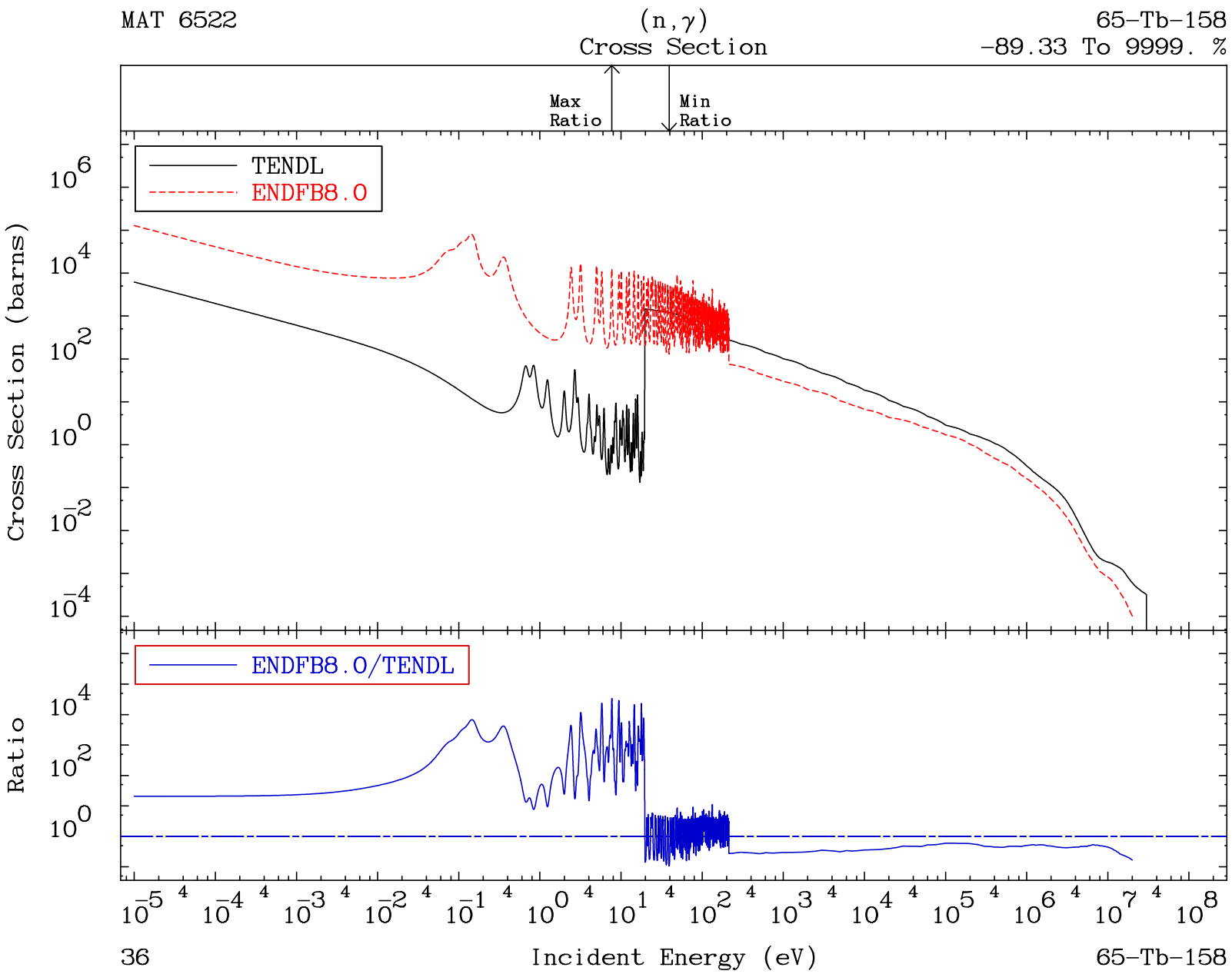

MAT 6522
MT= 77 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 13.36 %
Max
Ratio
Min
Ratio
TENDL Threshold 487.09 keV
ENDFB8.0 Threshold 487.09 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
31
Incident Energy (eV)
65-Tb-158

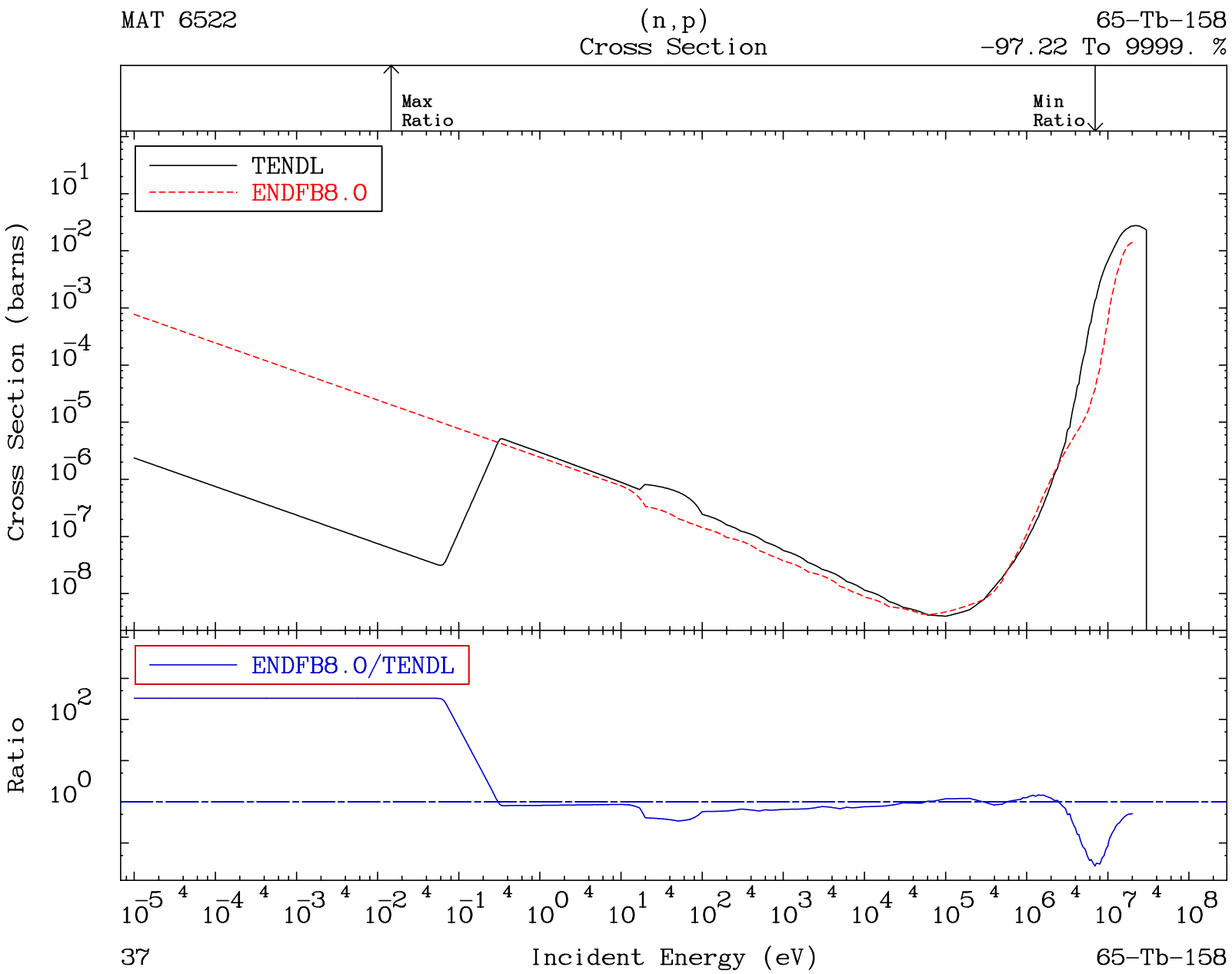

MAT 6522
MT= 78 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 182.5 %
Max
Ratio
Min
Ratio
TENDL Threshold 490.41 keV
ENDFB8.0 Threshold 490.41 keV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
32
Incident Energy (eV)
65-Tb-158

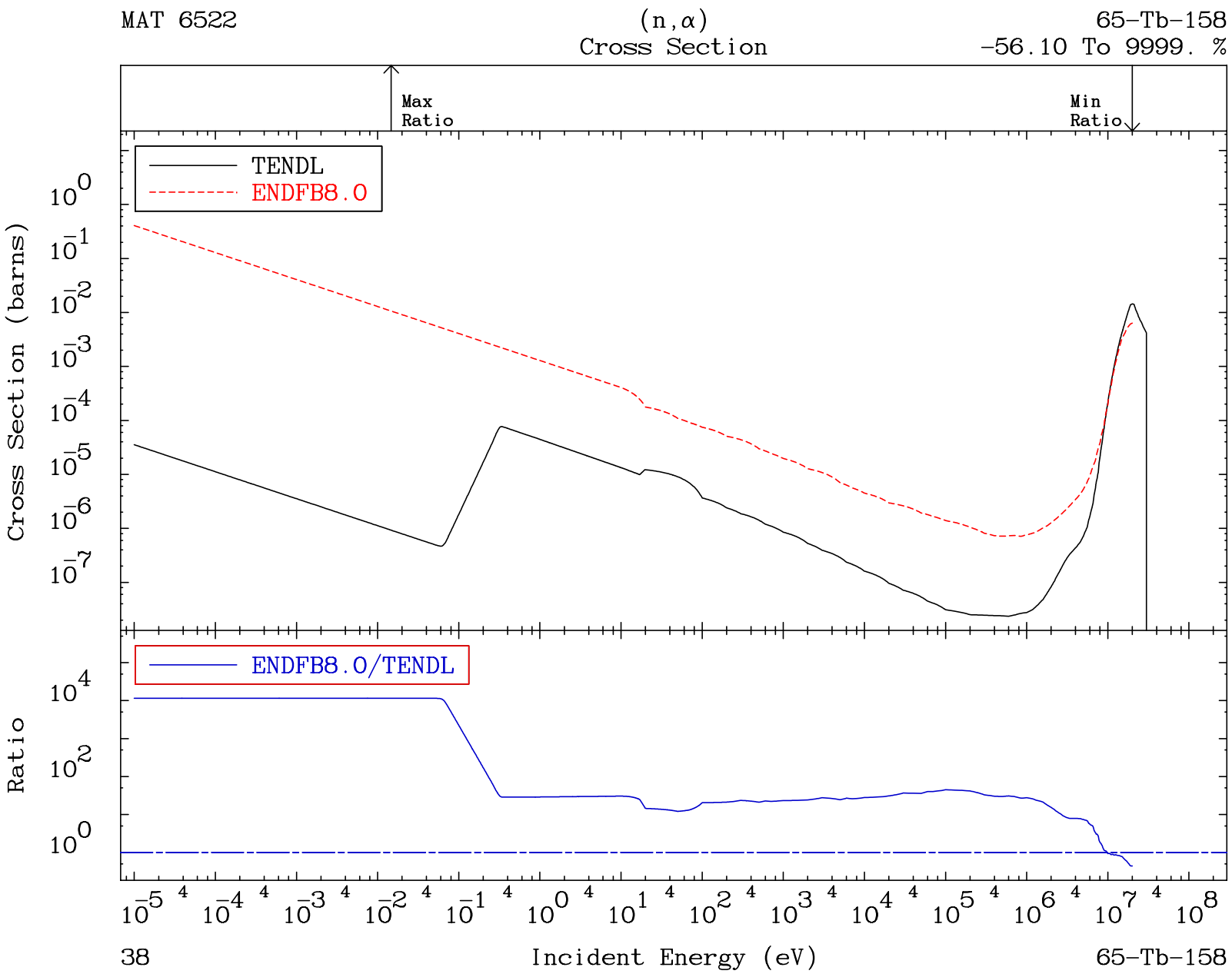

MAT 6522
MT= 79 (n,n') Level
Cross Section
65-Tb-158
-100.0 To 34.54 %
Max
Ratio
Min
Ratio
TENDL Threshold 498.56 keV
ENDFB8.0 Threshold 498.56 keV
Cross Section (milli-barns)
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
33
Incident Energy (eV)
65-Tb-158

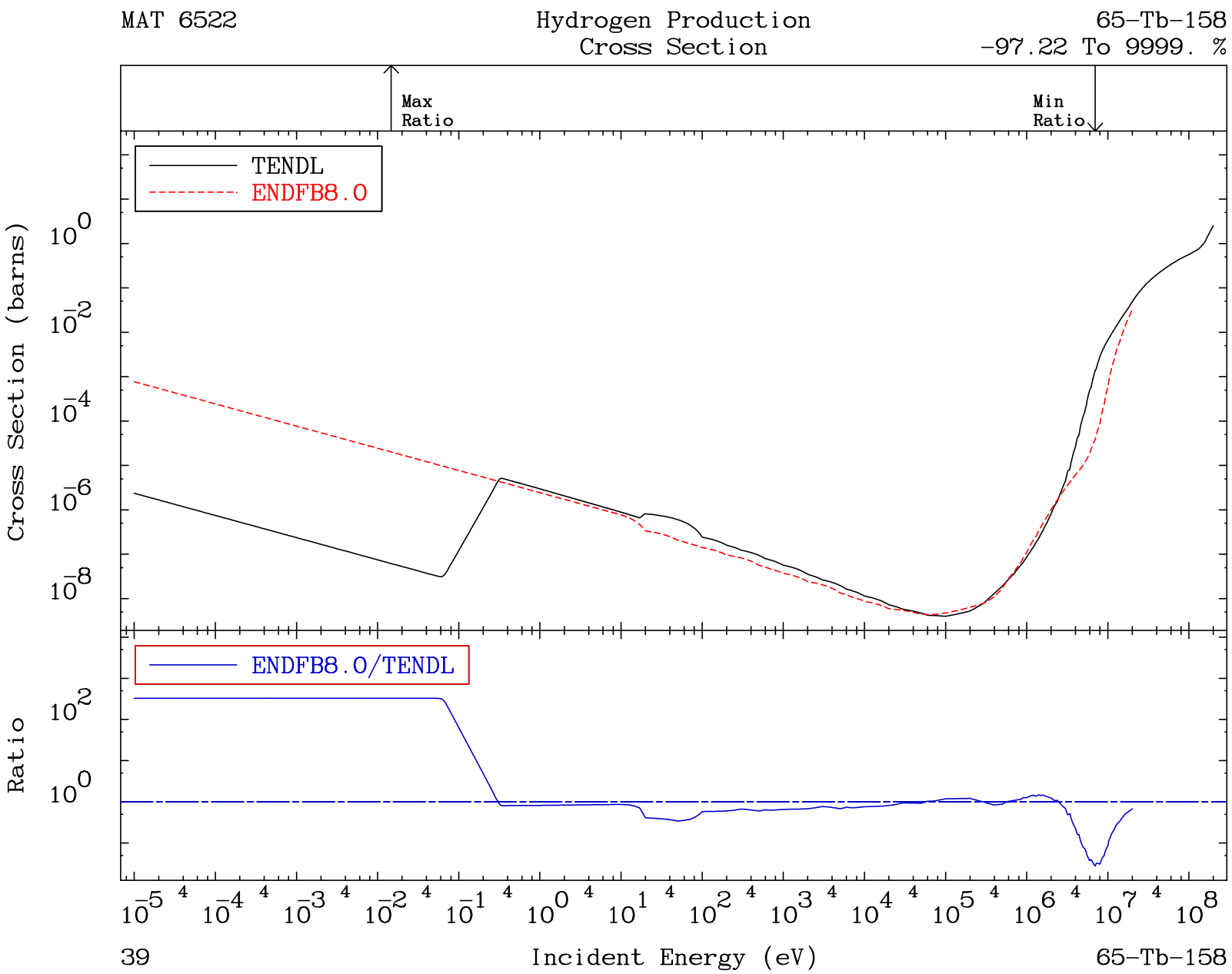

MAT 6522
MT= 80 (n,n') Level
Cross Section
65-Tb-158
-88.64 To 3223. %
Min
Ratio
Max
Ratio
TENDL Threshold 509.13 keV
ENDFB8.0 Threshold 509.13 keV
Cross Section (milli-barns)
100
80
60
40
20
0
ENDFB8.0/TENDL
Ratio
10^2
10^1
10^0
10^{-1}
5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
34
Incident Energy (eV)
65-Tb-158

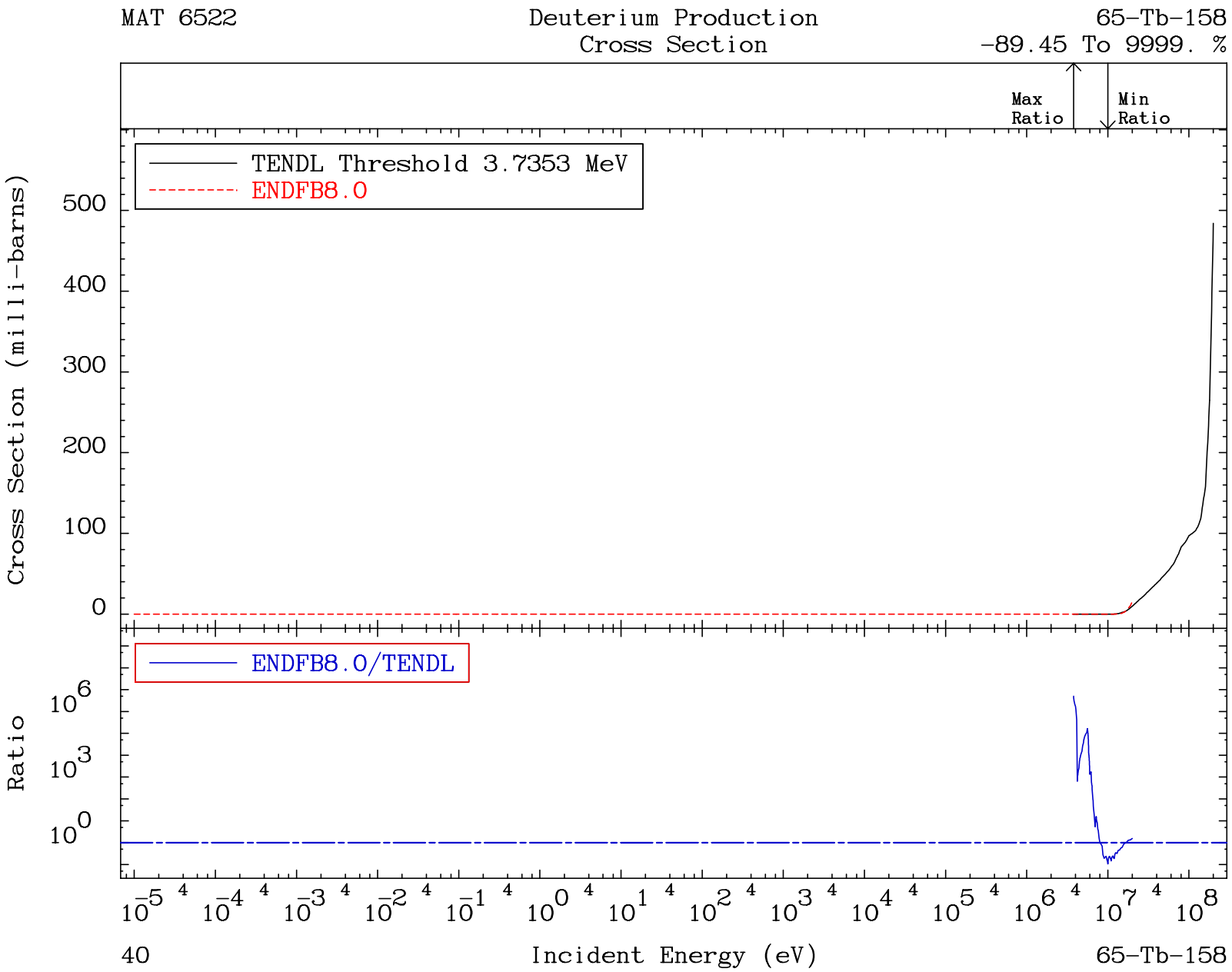

MAT 6522
(n,n') Continuum
Cross Section
65-Tb-158
-99.97 To 50.01 %
Min Ratio
Max Ratio
TENDL Threshold 509.13 keV
ENDFB8.0 Threshold 614.00 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
10^0
10^-2
5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
35
Incident Energy (eV)
65-Tb-158

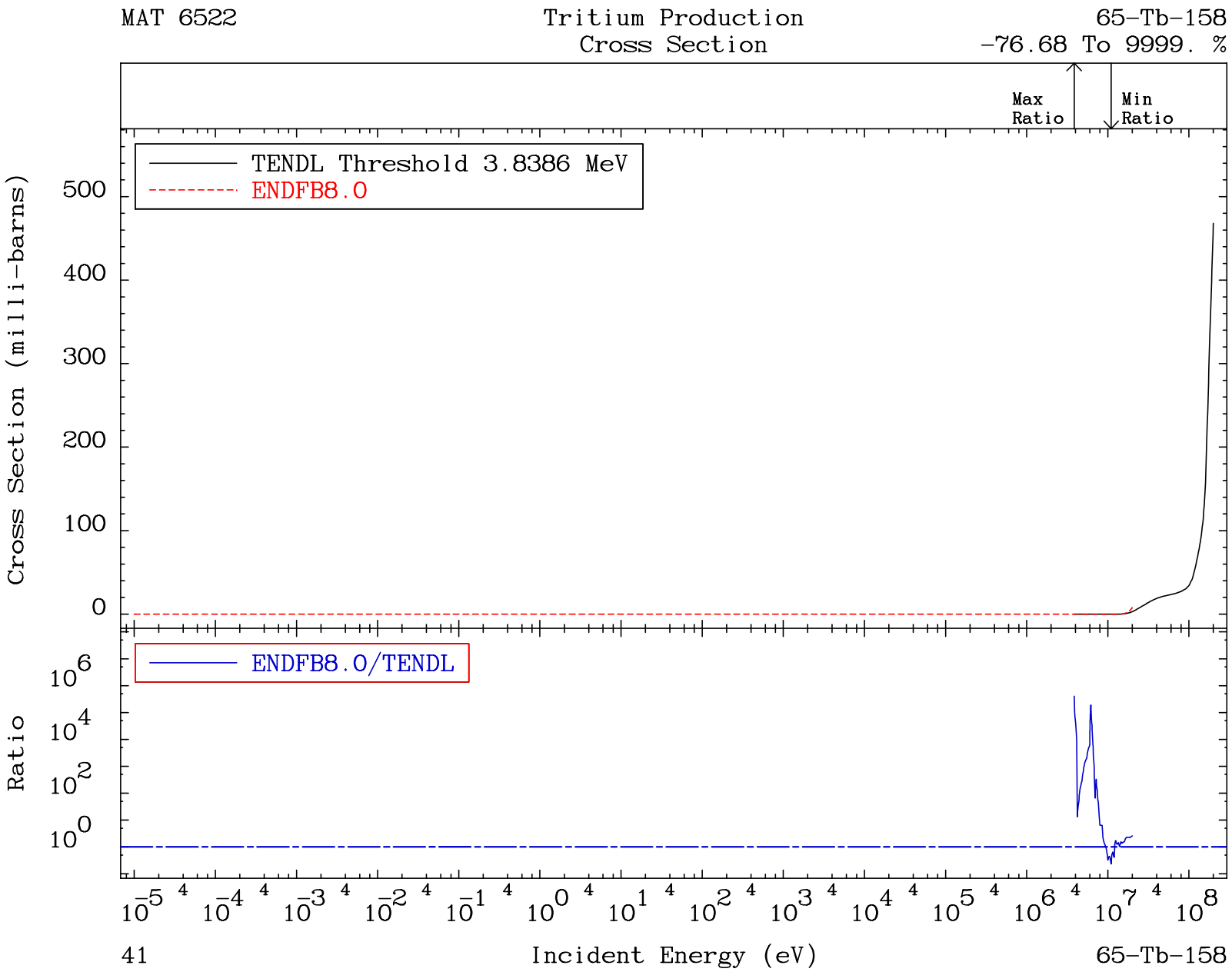

MAT 6522
(n,γ)
Cross Section
65-Tb-158
-89.33 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
36
65-Tb-158

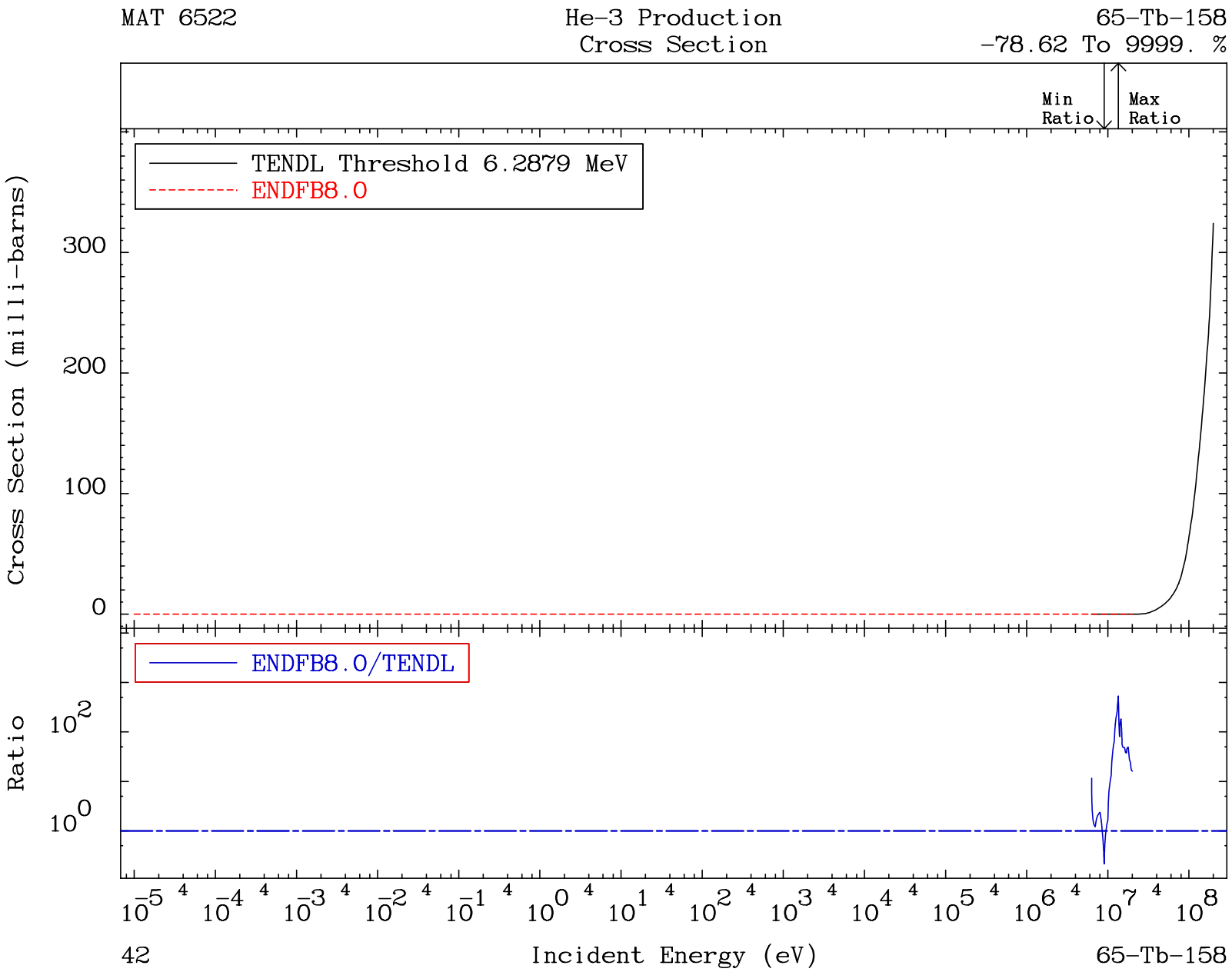

MAT 6522
(n,p)
Cross Section
65-Tb-158
-97.22 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
37
65-Tb-158

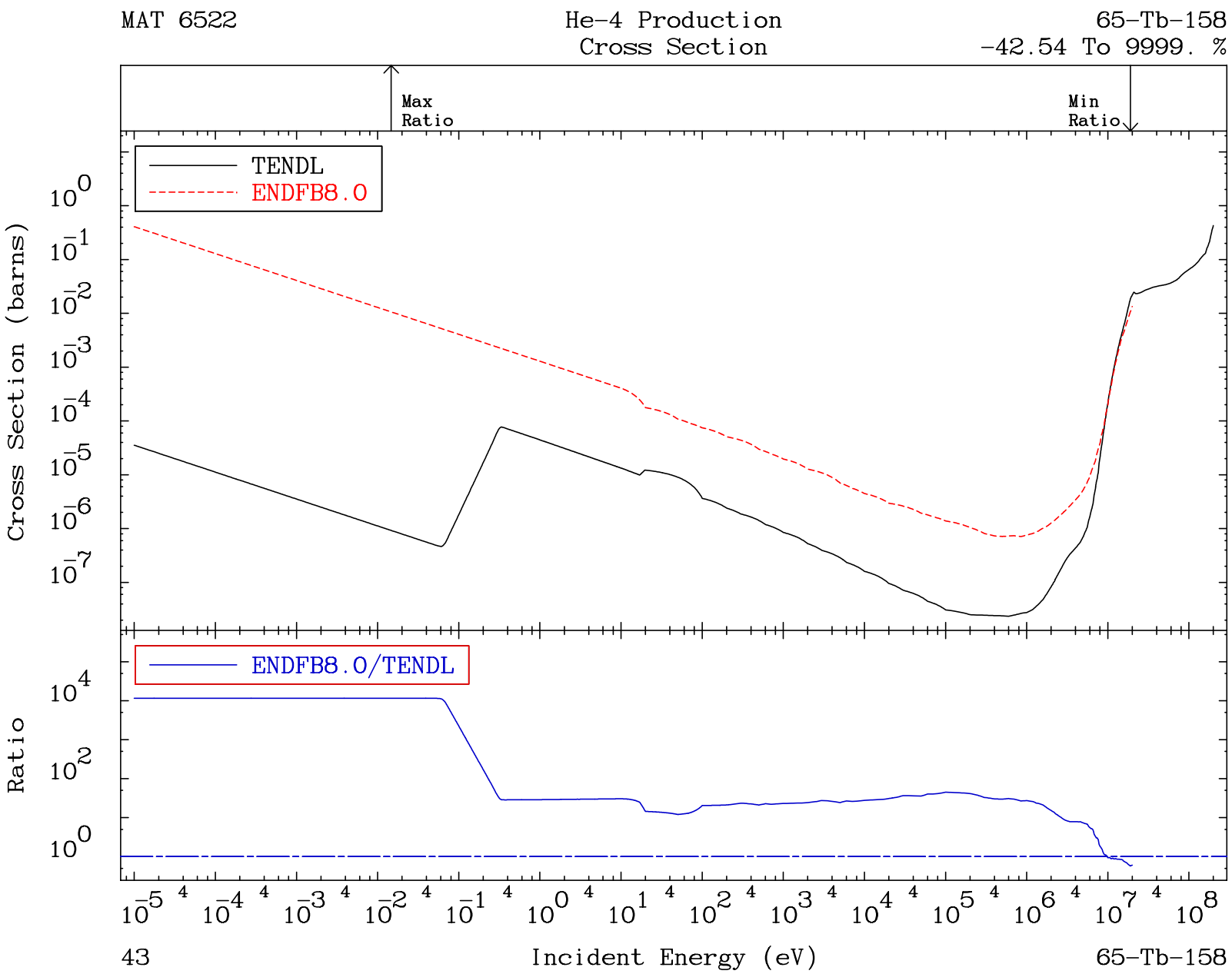

MAT 6522
(n,α)
Cross Section
65-Tb-158
-56.10 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
38
65-Tb-158

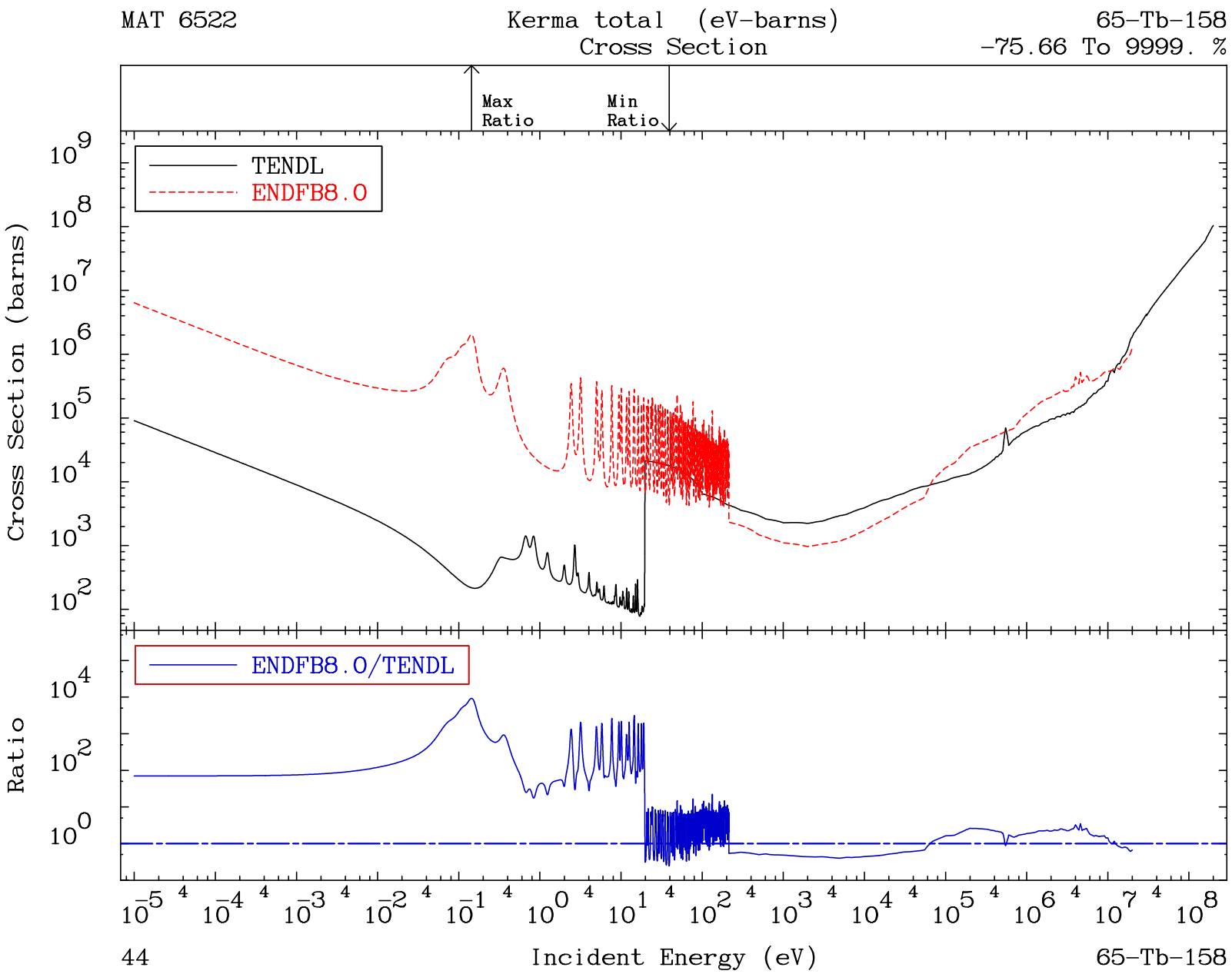

MAT 6522
Hydrogen Production
Cross Section
65-Tb-158
-97.22 To 9999. %
Max
Ratio
Min
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
39
65-Tb-158

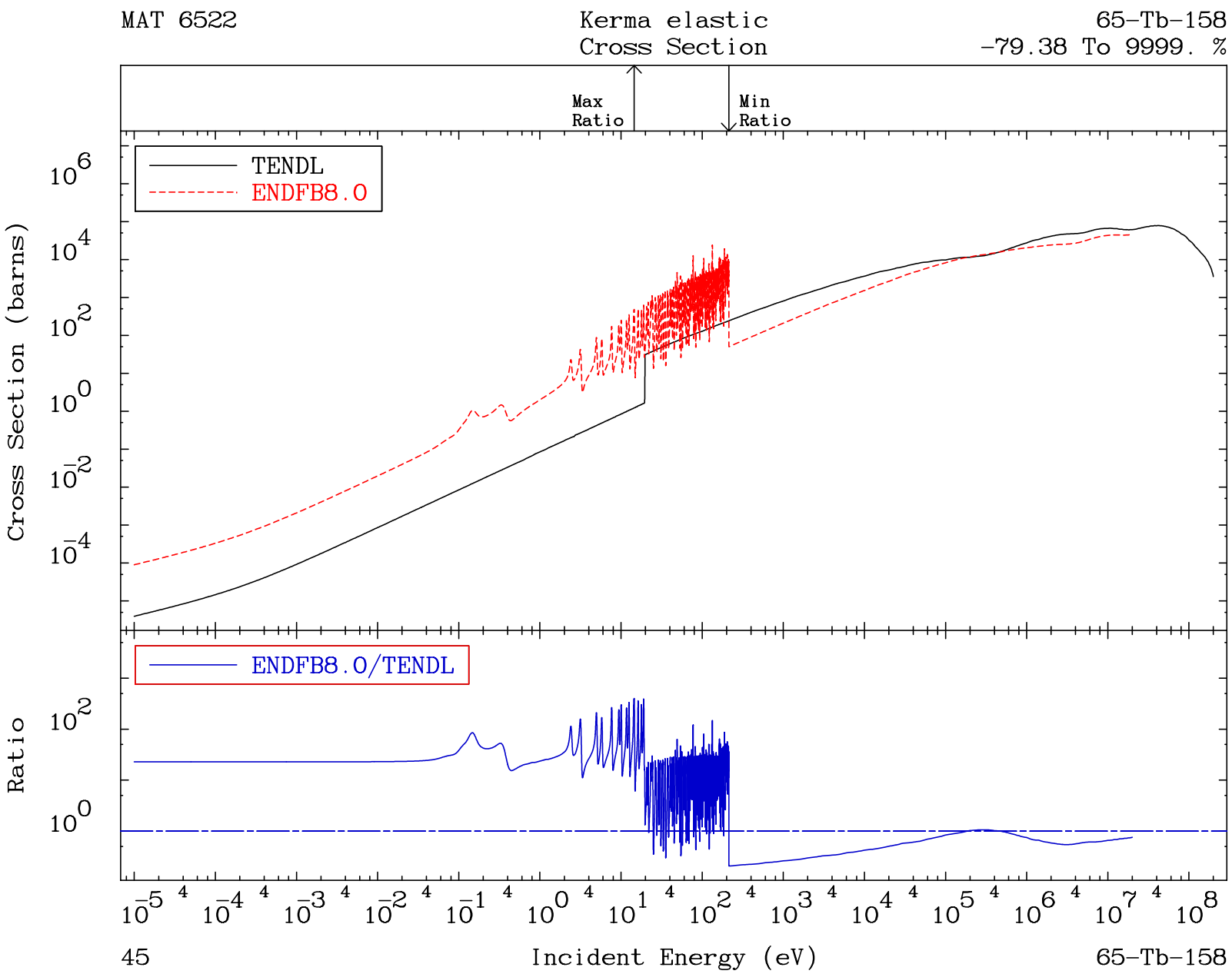

MAT 6522
Deuterium Production
Cross Section
65-Tb-158
-89.45 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 3.7353 MeV
ENDFB8.0
Cross Section (milli-barns)
500
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^6
10^3
10^0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
40
Incident Energy (eV)
65-Tb-158

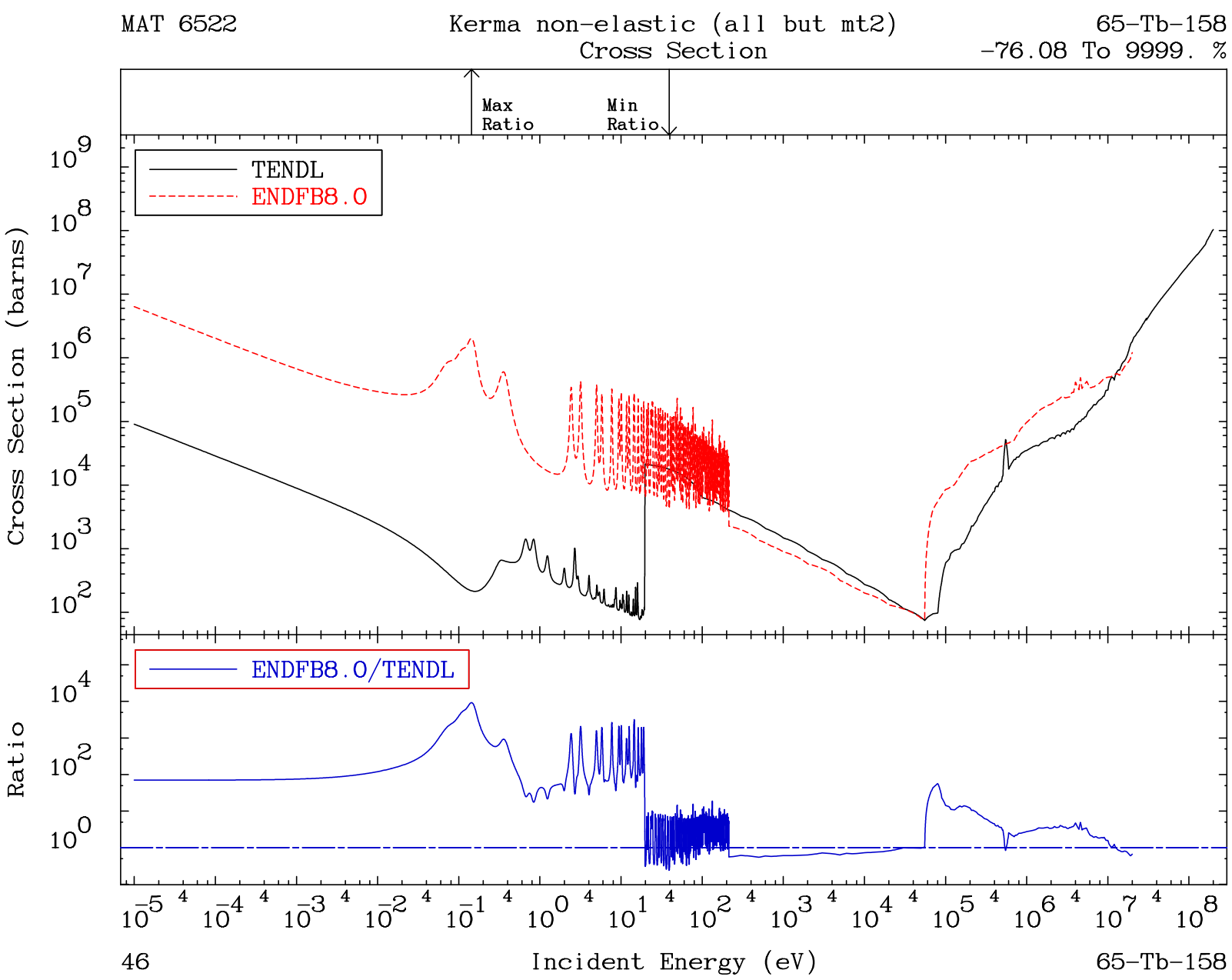

MAT 6522
Tritium Production
Cross Section
65-Tb-158
-76.68 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 3.8386 MeV
ENDFB8.0
Cross Section (milli-barns)
500
400
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^6
10^4
10^2
10^0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
41
Incident Energy (eV)
65-Tb-158

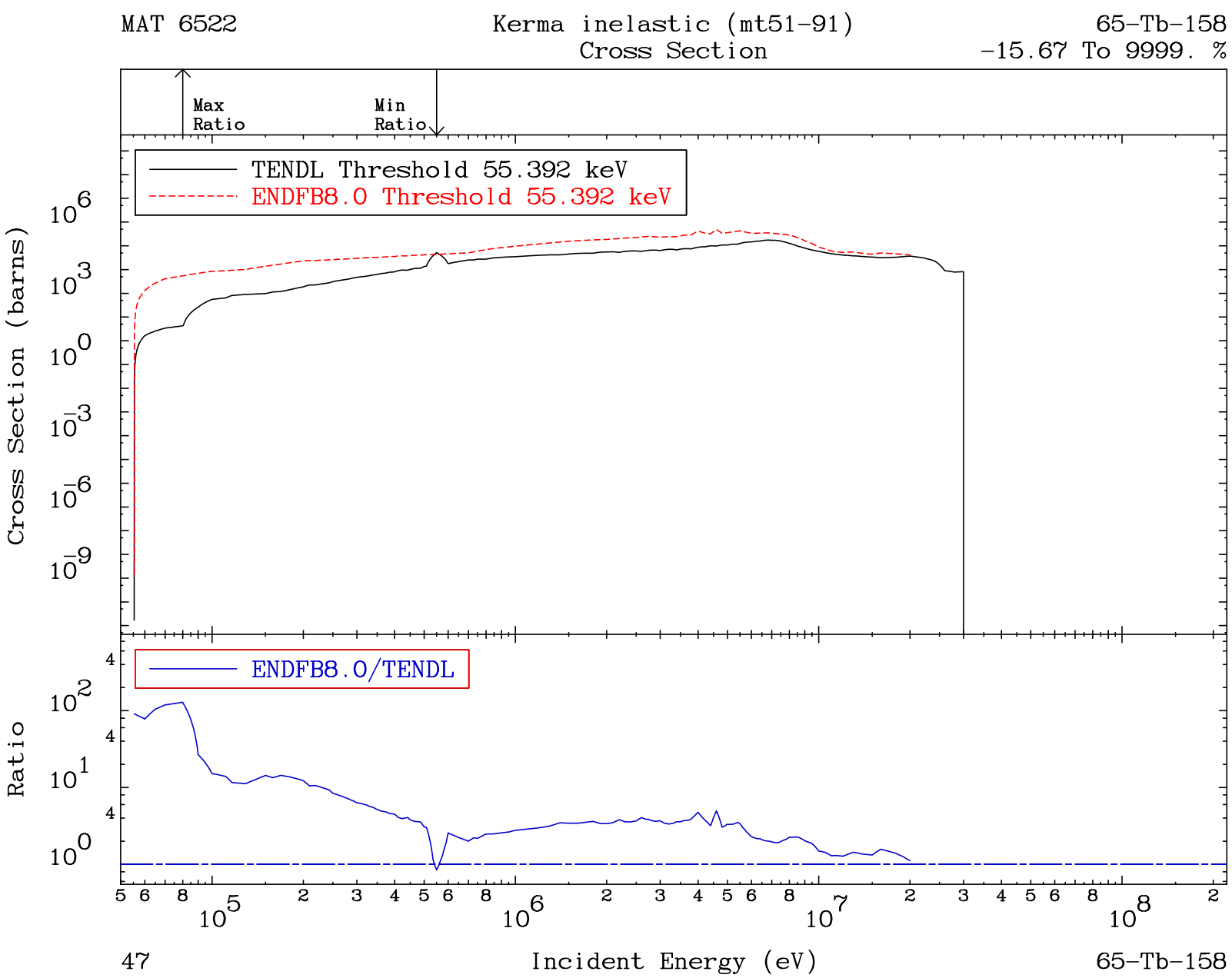

MAT 6522
He-3 Production
Cross Section
65-Tb-158
-78.62 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 6.2879 MeV
ENDFB8.0
Cross Section (milli-barns)
300
200
100
0
ENDFB8.0/TENDL
Ratio
10^2
10^0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
42
Incident Energy (eV)
65-Tb-158

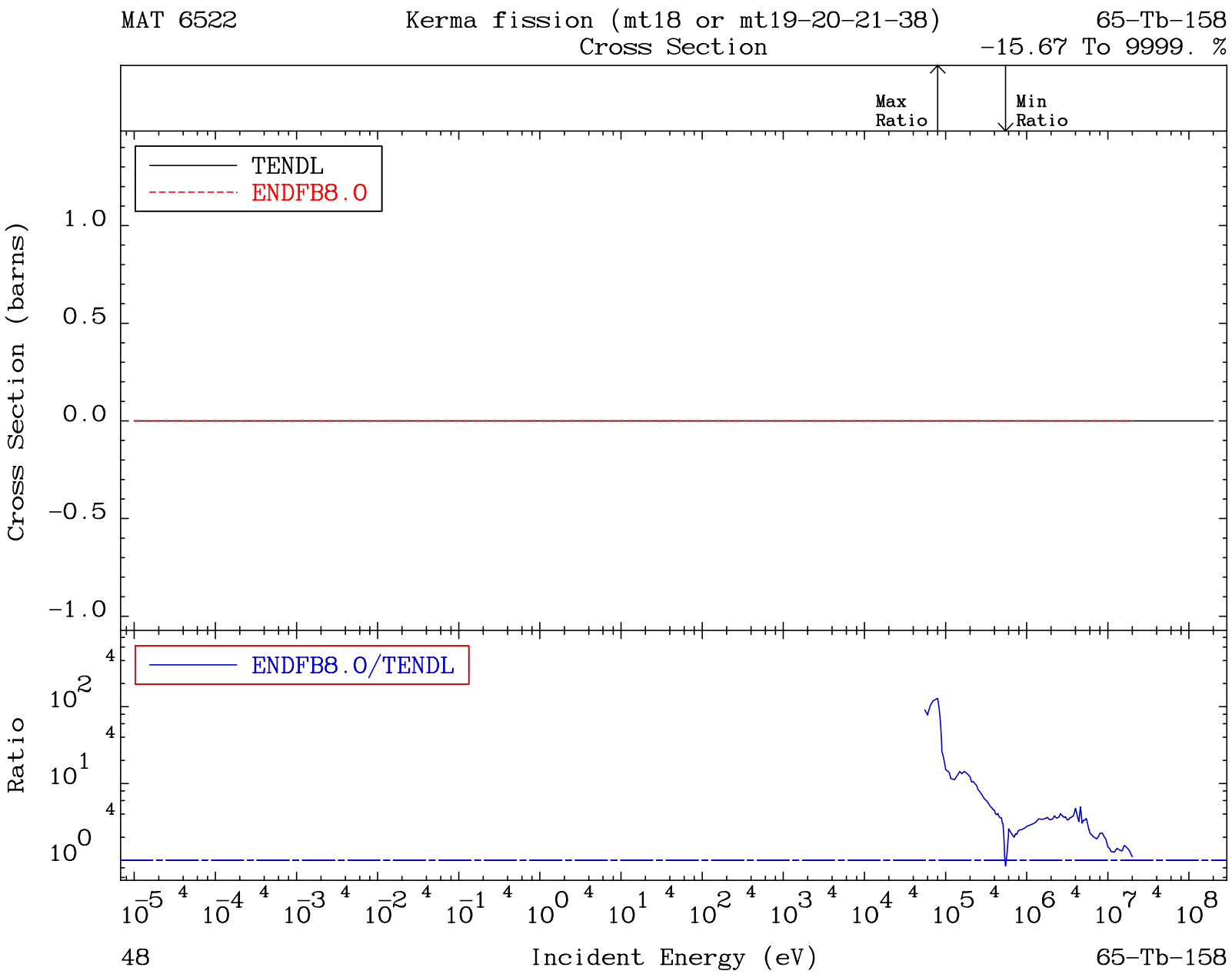

MAT 6522
He-4 Production
Cross Section
65-Tb-158
-42.54 To 9999. %
Max
Ratio
Min
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
43
65-Tb-158

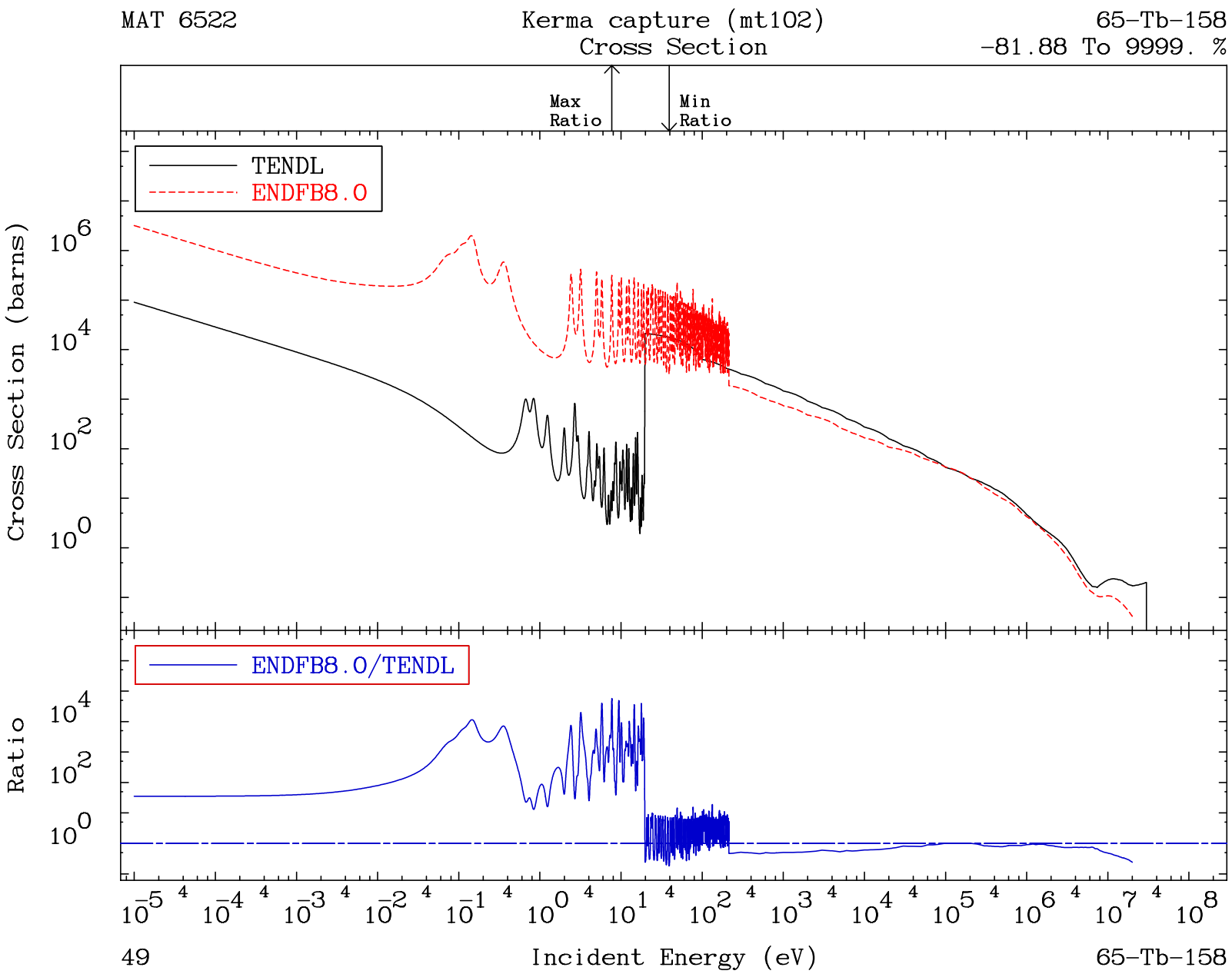

MAT 6522
Kerma total (eV-barns)
Cross Section
65-Tb-158
-75.66 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
44
65-Tb-158

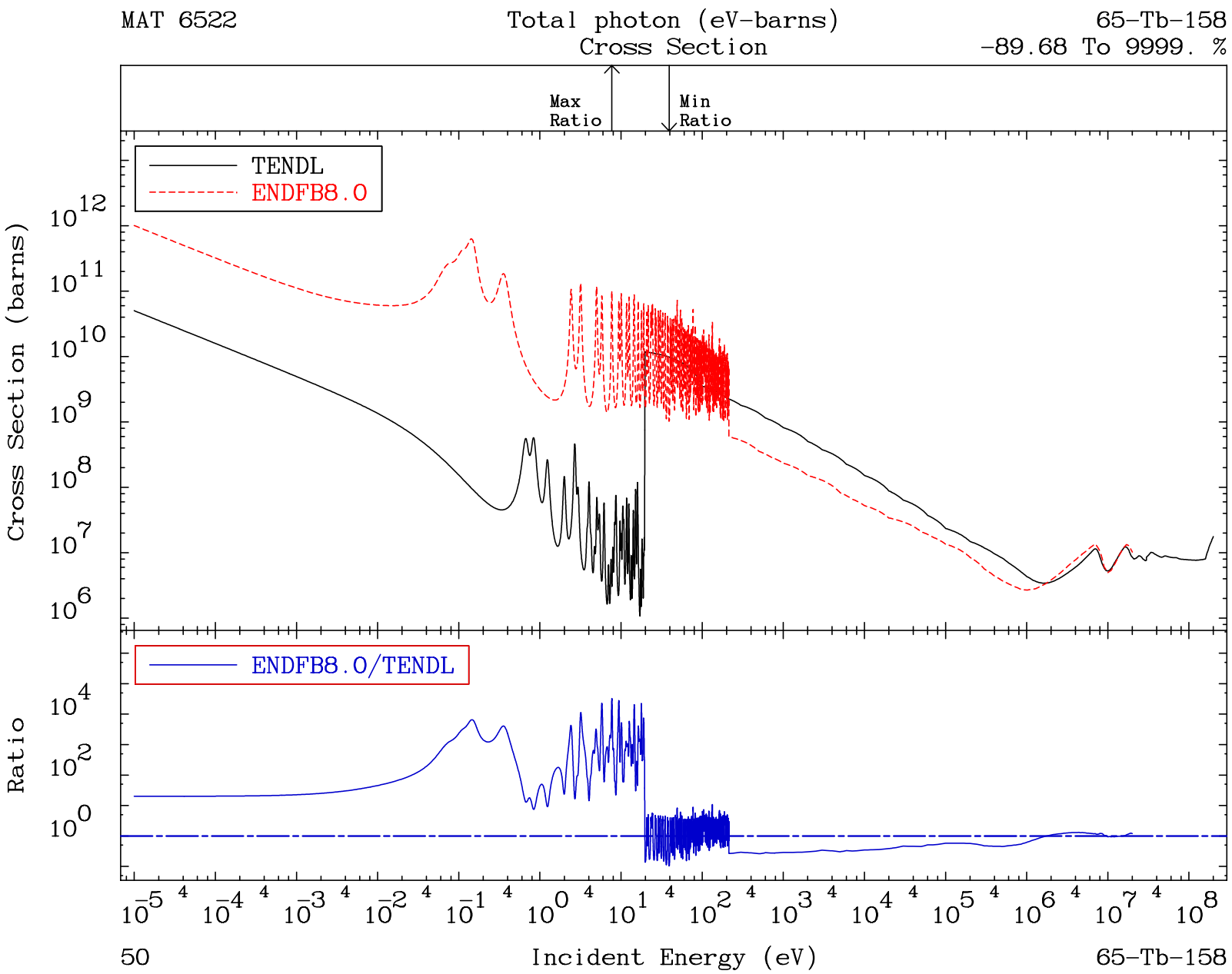

MAT 6522
Kerma elastic
Cross Section
65-Tb-158
-79.38 To 9999. %
Max
Ratio
Min
Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
45
65-Tb-158

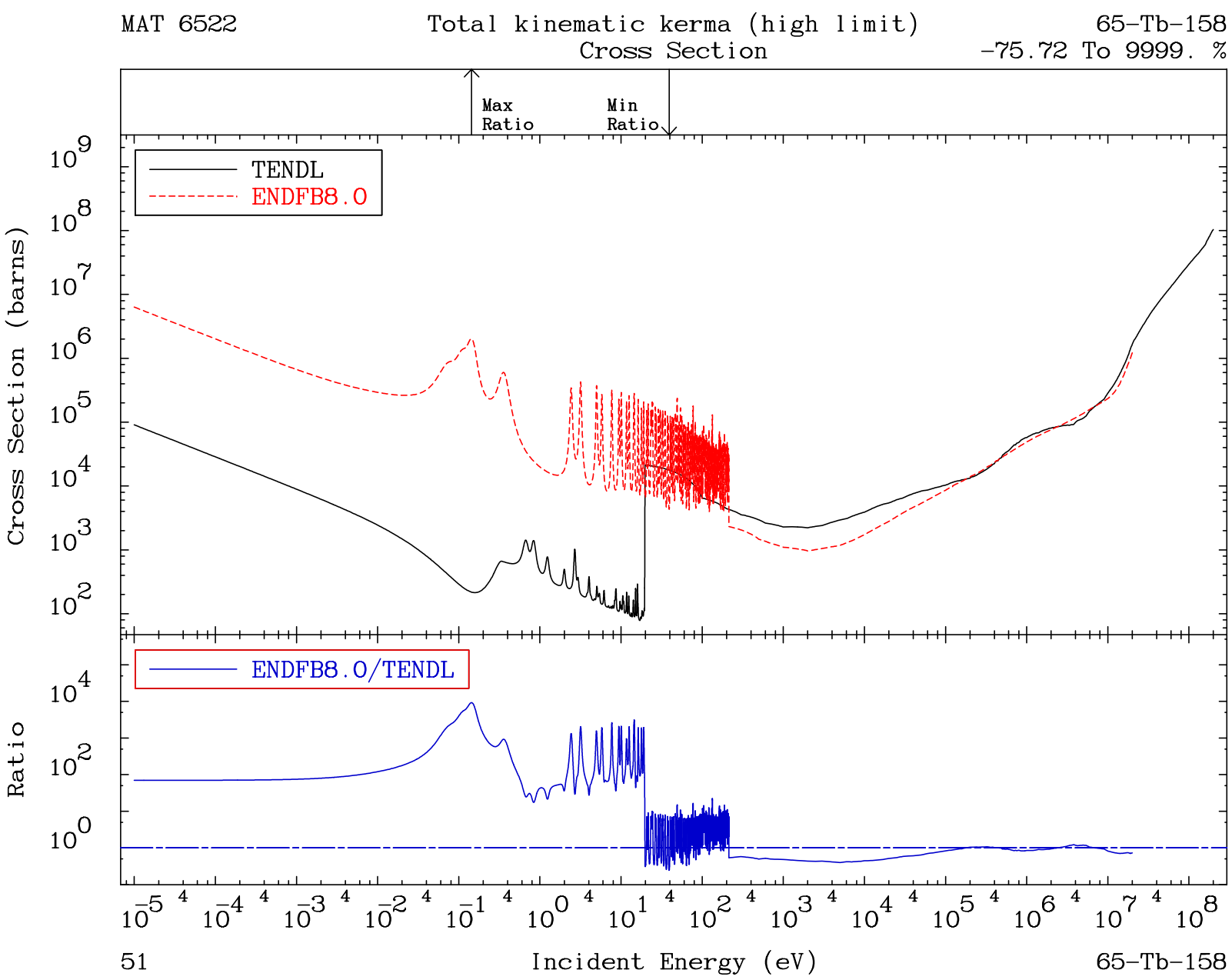

MAT 6522
Kerma non-elastic (all but mt2)
Cross Section
65-Tb-158
-76.08 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
46
65-Tb-158

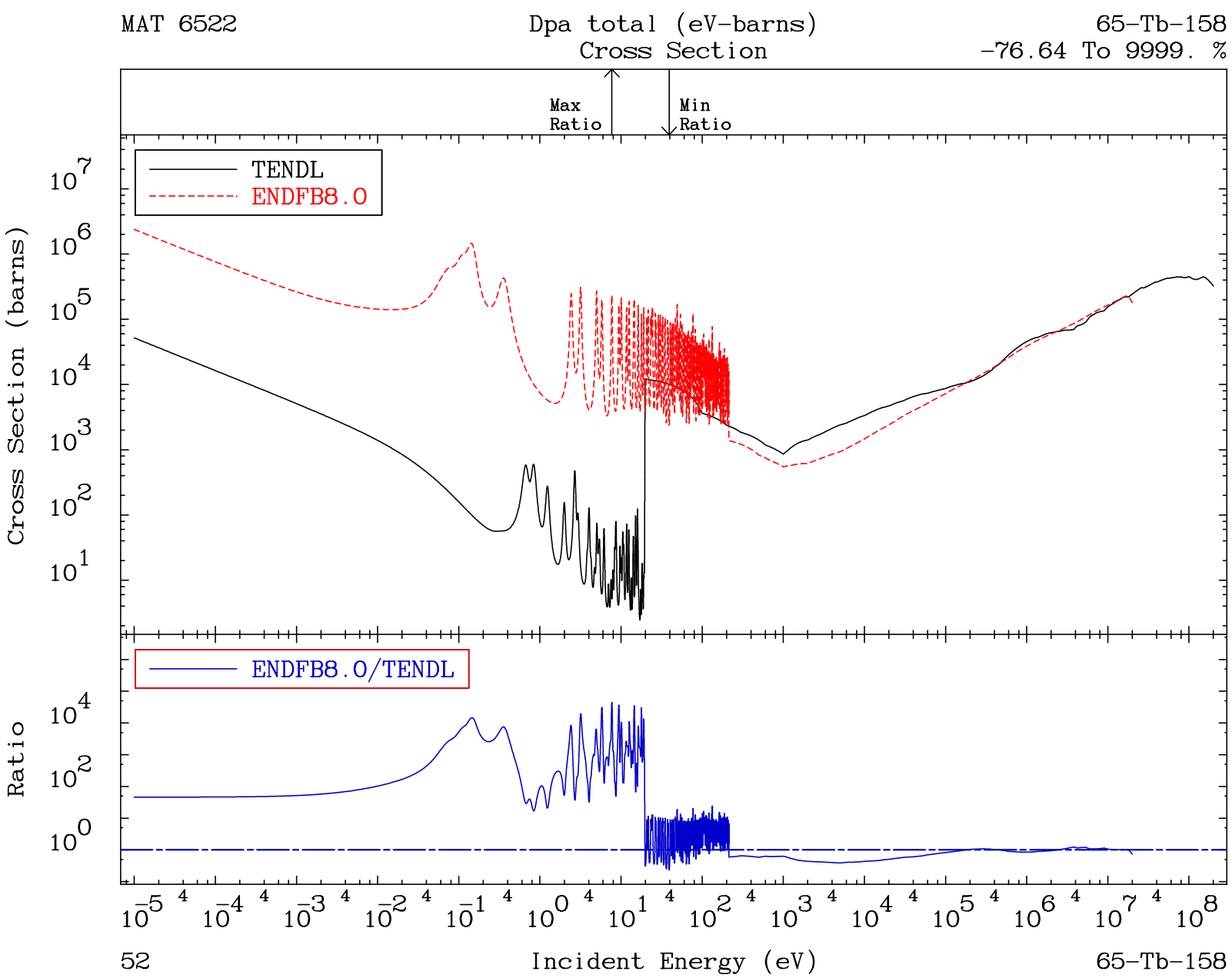

MAT 6522
Kerma inelastic (mt51-91)
Cross Section
65-Tb-158
-15.67 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 55.392 keV
ENDFB8.0 Threshold 55.392 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
47
65-Tb-158

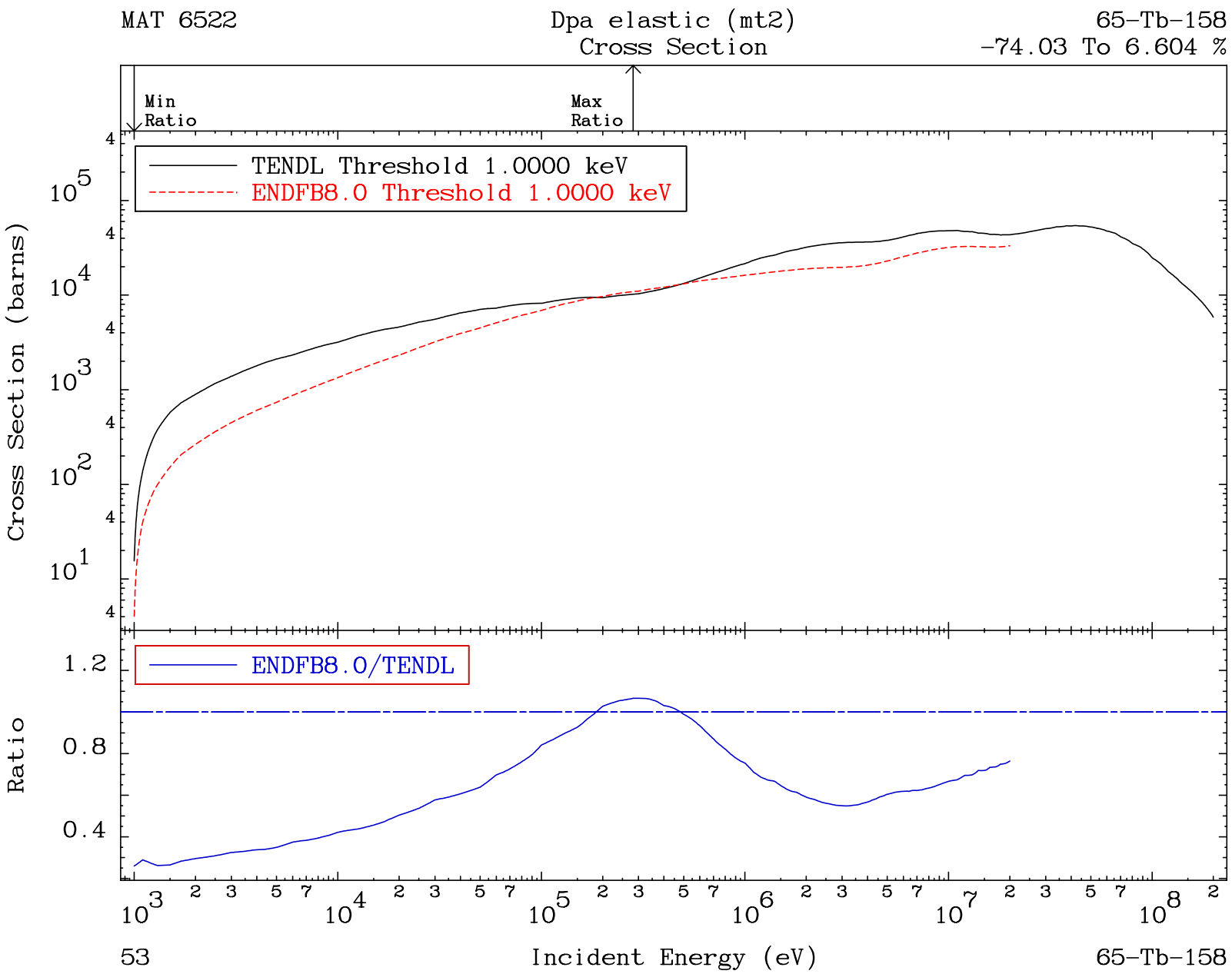

MAT 6522
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
65-Tb-158
-15.67 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
ENDFB8.0/TENDL
Ratio
10^2
10^1
10^0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
48
Incident Energy (eV)
65-Tb-158

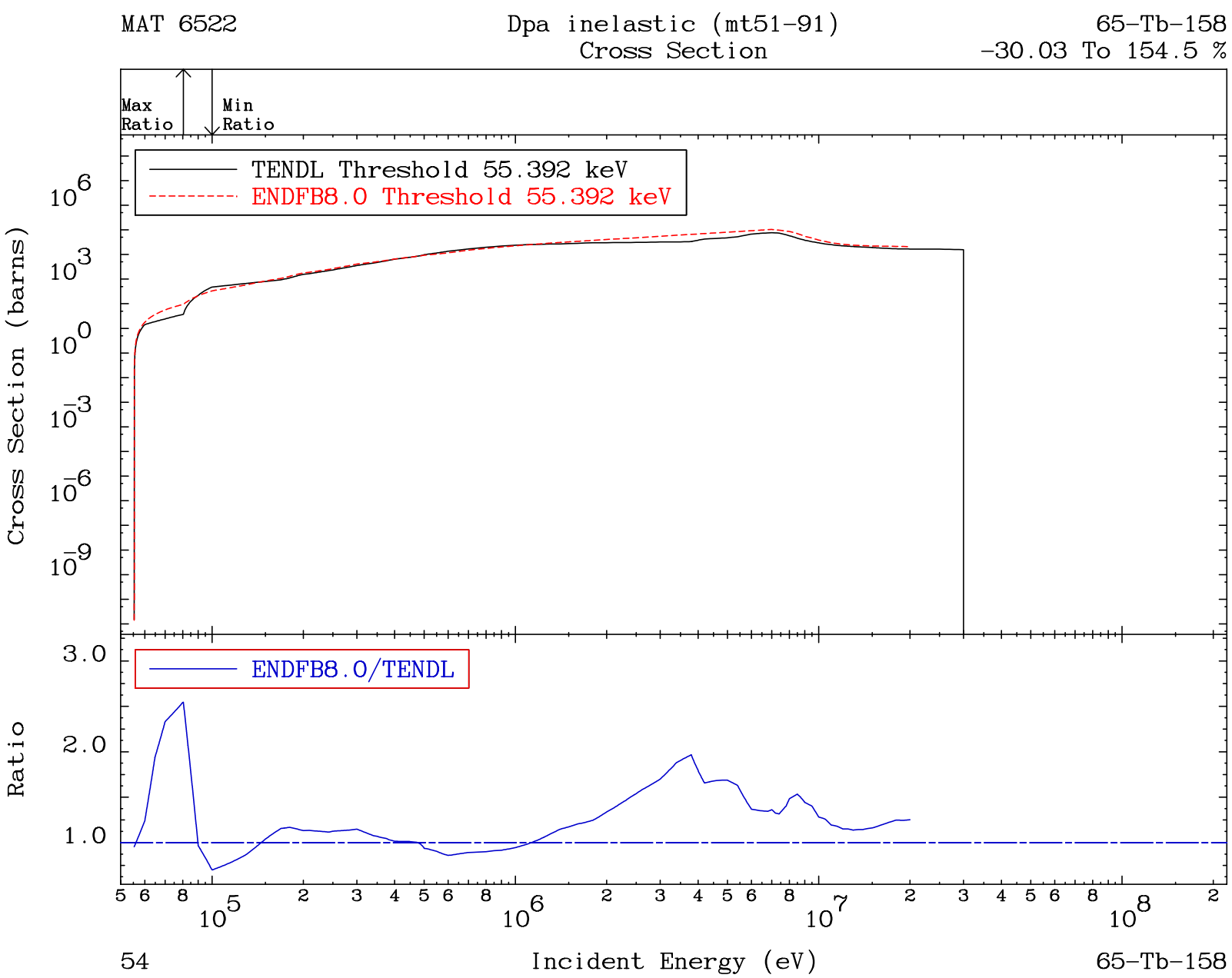

MAT 6522
Kerma capture (mt102)
Cross Section
65-Tb-158
-81.88 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
49
65-Tb-158

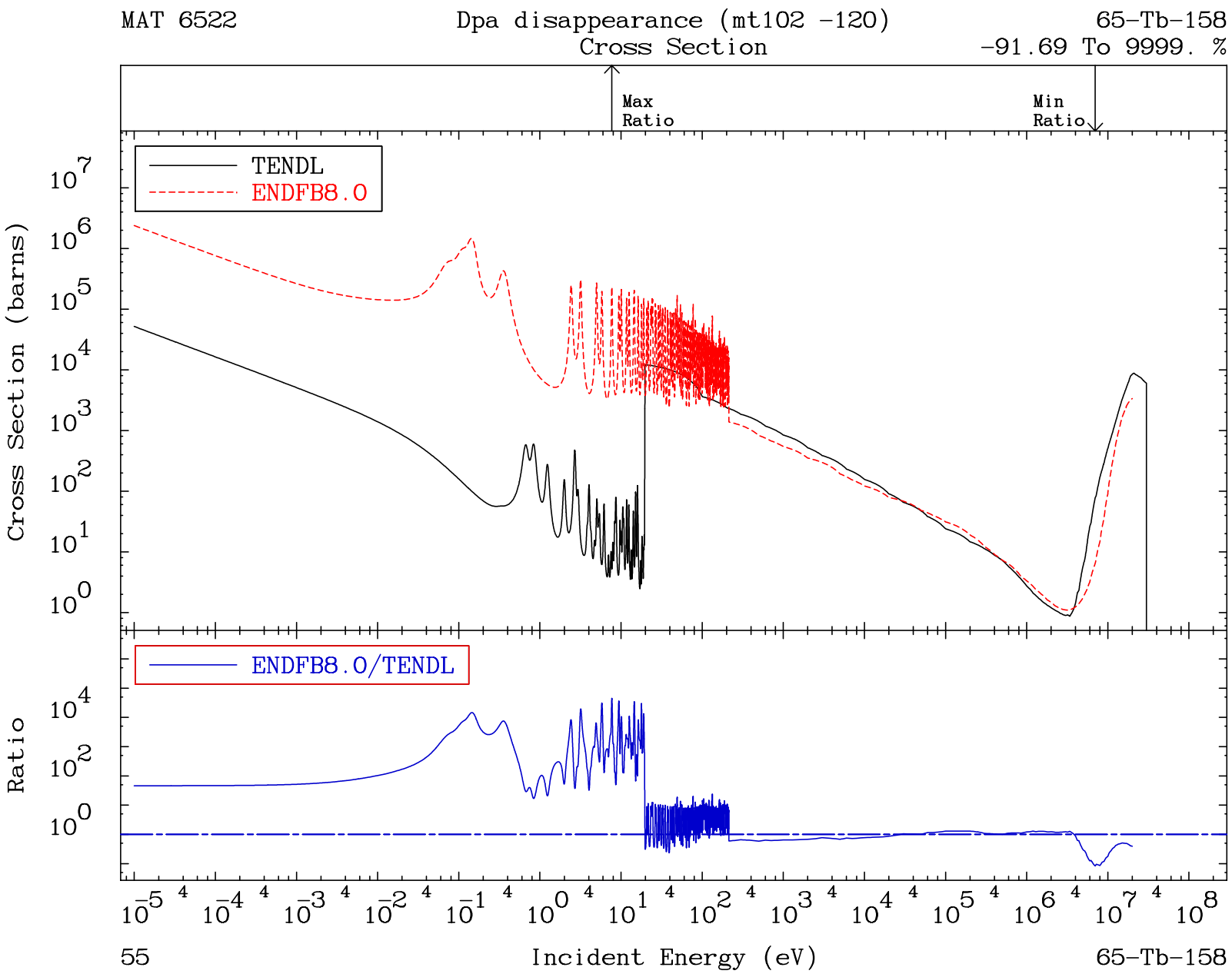

MAT 6522
Total photon (eV-barns)
Cross Section
65-Tb-158
-89.68 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
50
65-Tb-158

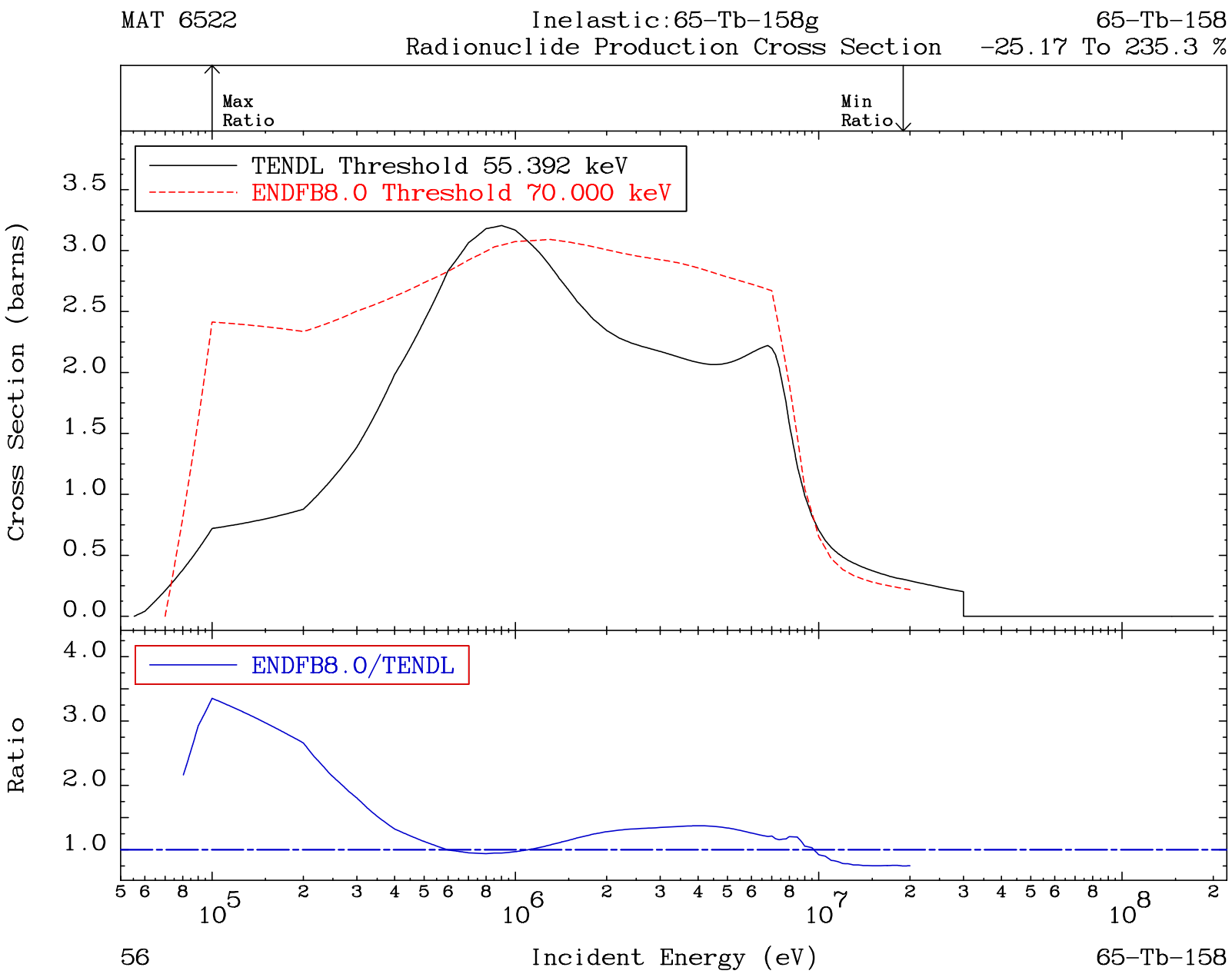

MAT 6522
Total kinematic kerma (high limit)
Cross Section
65-Tb-158
-75.72 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
51
65-Tb-158

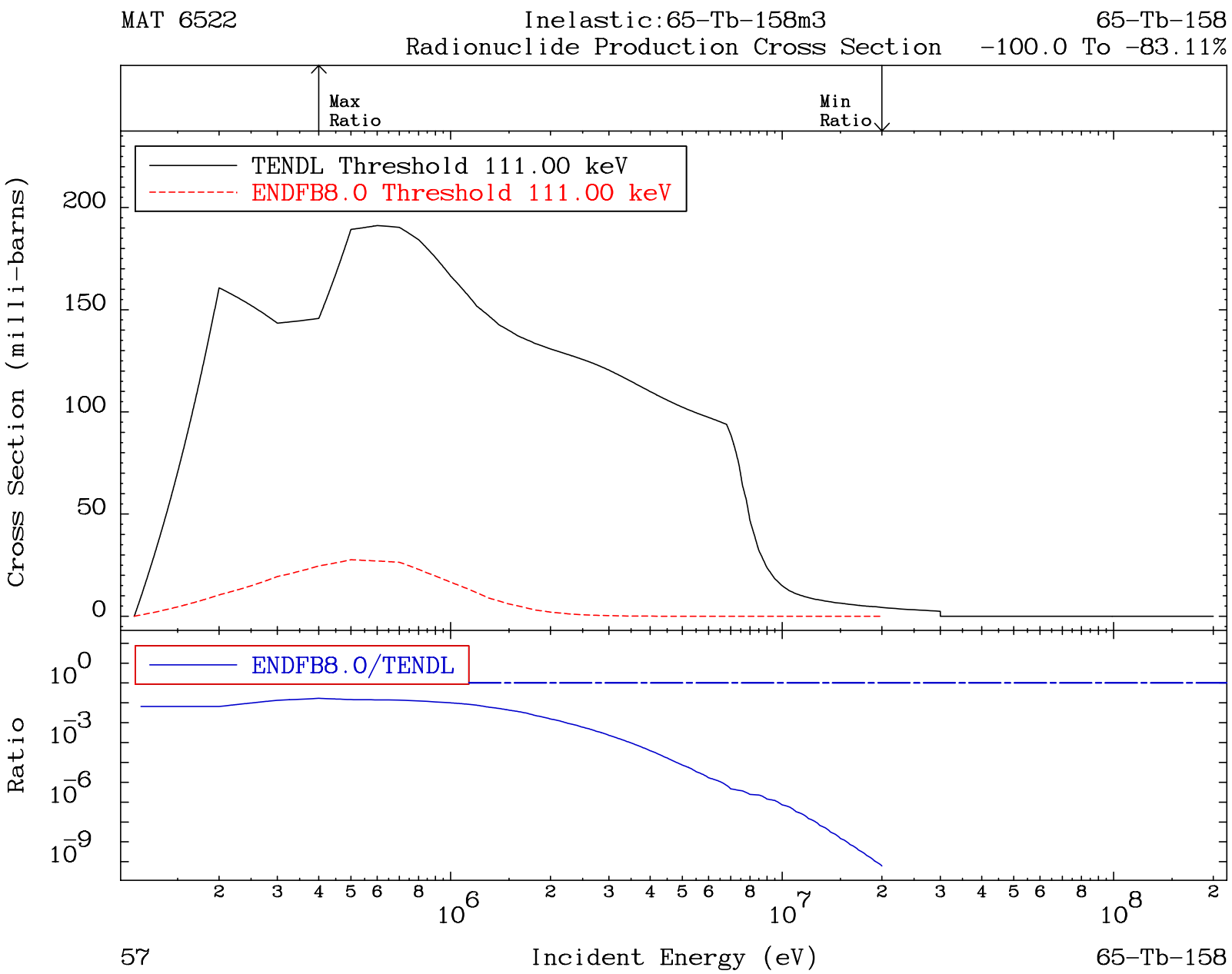

MAT 6522
Dpa total (eV-barns)
Cross Section
65-Tb-158
-76.64 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
52
65-Tb-158


MAT 6522
Dpa elastic (mt2)
Cross Section
65-Tb-158
-74.03 To 6.604 %
Min Ratio
Max Ratio
TENDL Threshold 1.0000 keV
ENDFB8.0 Threshold 1.0000 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
53
65-Tb-158


MAT 6522
Dpa inelastic (mt51-91)
Cross Section
65-Tb-158
-30.03 To 154.5 %
Max Ratio
Min Ratio
TENDL Threshold 55.392 keV
ENDFB8.0 Threshold 55.392 keV
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
54
65-Tb-158


MAT 6522
Dpa disappearance (mt102 -120)
Cross Section
65-Tb-158
-91.69 To 9999. %
Max Ratio
Min Ratio
TENDL
ENDFB8.0
Cross Section (barns)
ENDFB8.0/TENDL
Ratio
Incident Energy (eV)
55
65-Tb-158


MAT 6522
Inelastic:65-Tb-158g
Radionuclide Production Cross Section
65-Tb-158
-25.17 To 235.3 %
Max Ratio
Min Ratio
TENDL Threshold 55.392 keV
ENDFB8.0 Threshold 70.000 keV
Cross Section (barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
ENDFB8.0/TENDL
Ratio
4.0
3.0
2.0
1.0
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
56
Incident Energy (eV)
65-Tb-158


MAT 6522
Inelastic:65-Tb-158m3
65-Tb-158
Radionuclide Production Cross Section
-100.0 To -83.11%
Max Ratio
Min Ratio
TENDL Threshold 111.00 keV
ENDFB8.0 Threshold 111.00 keV
Cross Section (milli-barns)
200
150
100
50
0
ENDFB8.0/TENDL
Ratio
10^0
10^-3
10^-6
10^-9
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
57
Incident Energy (eV)
65-Tb-158