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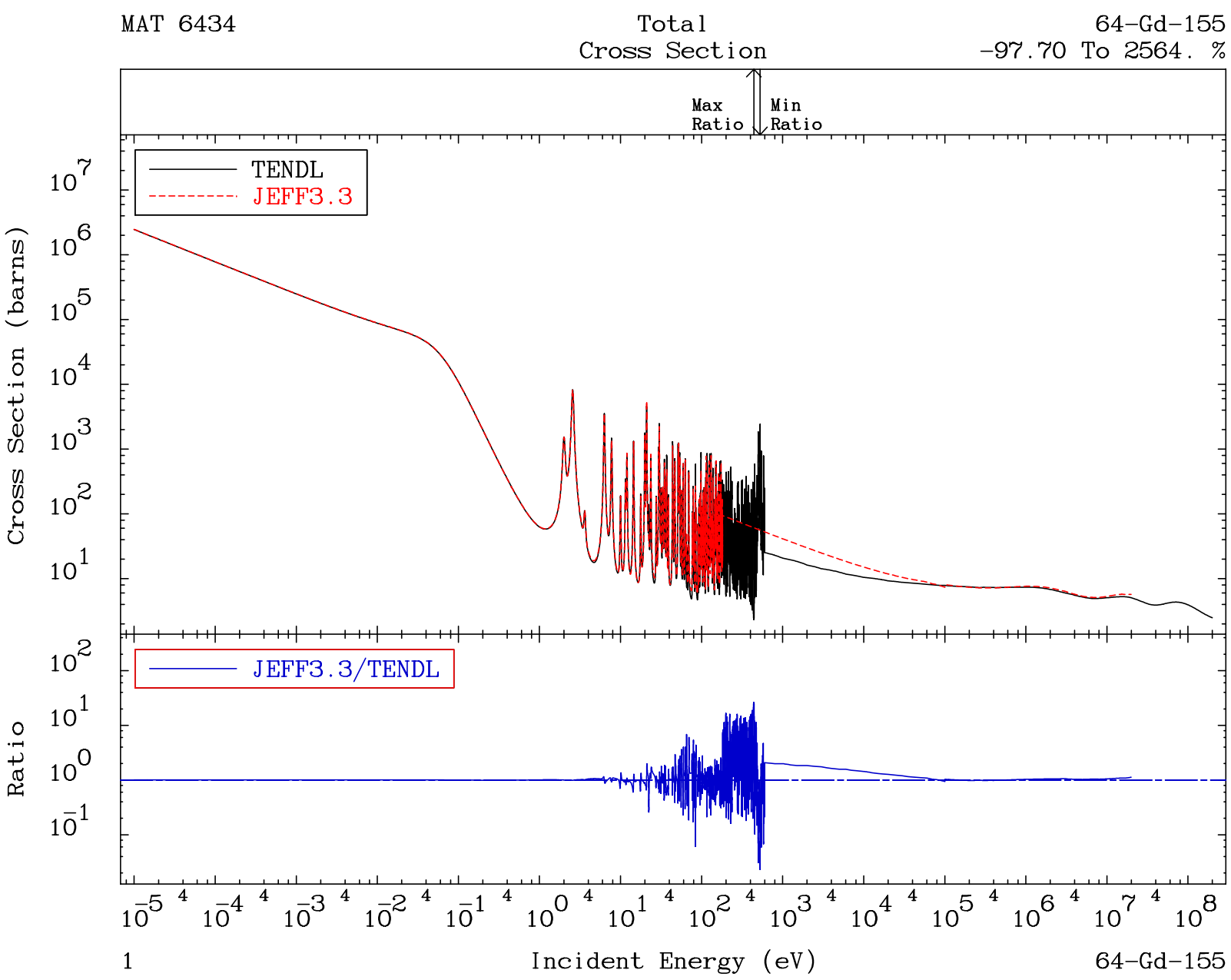
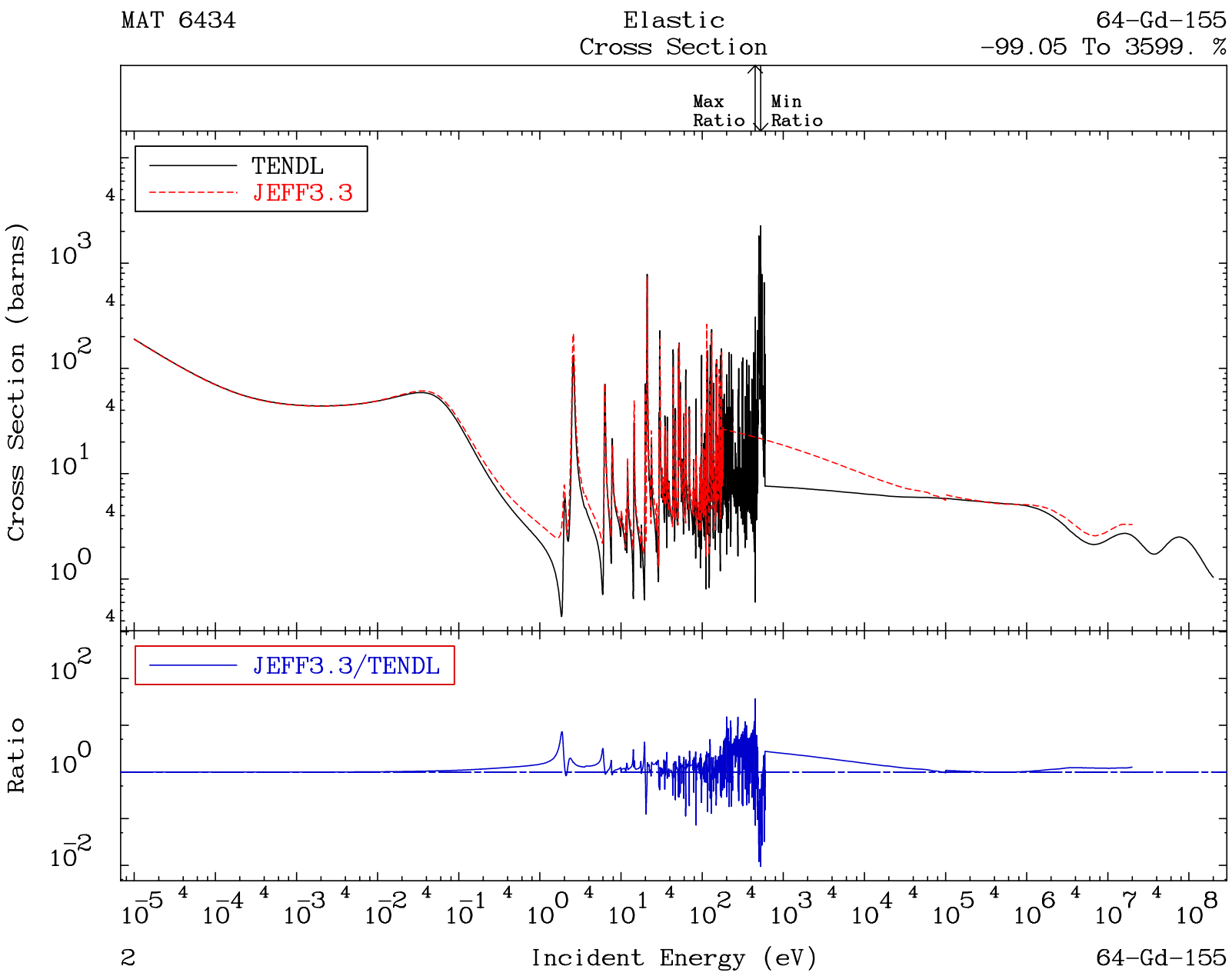
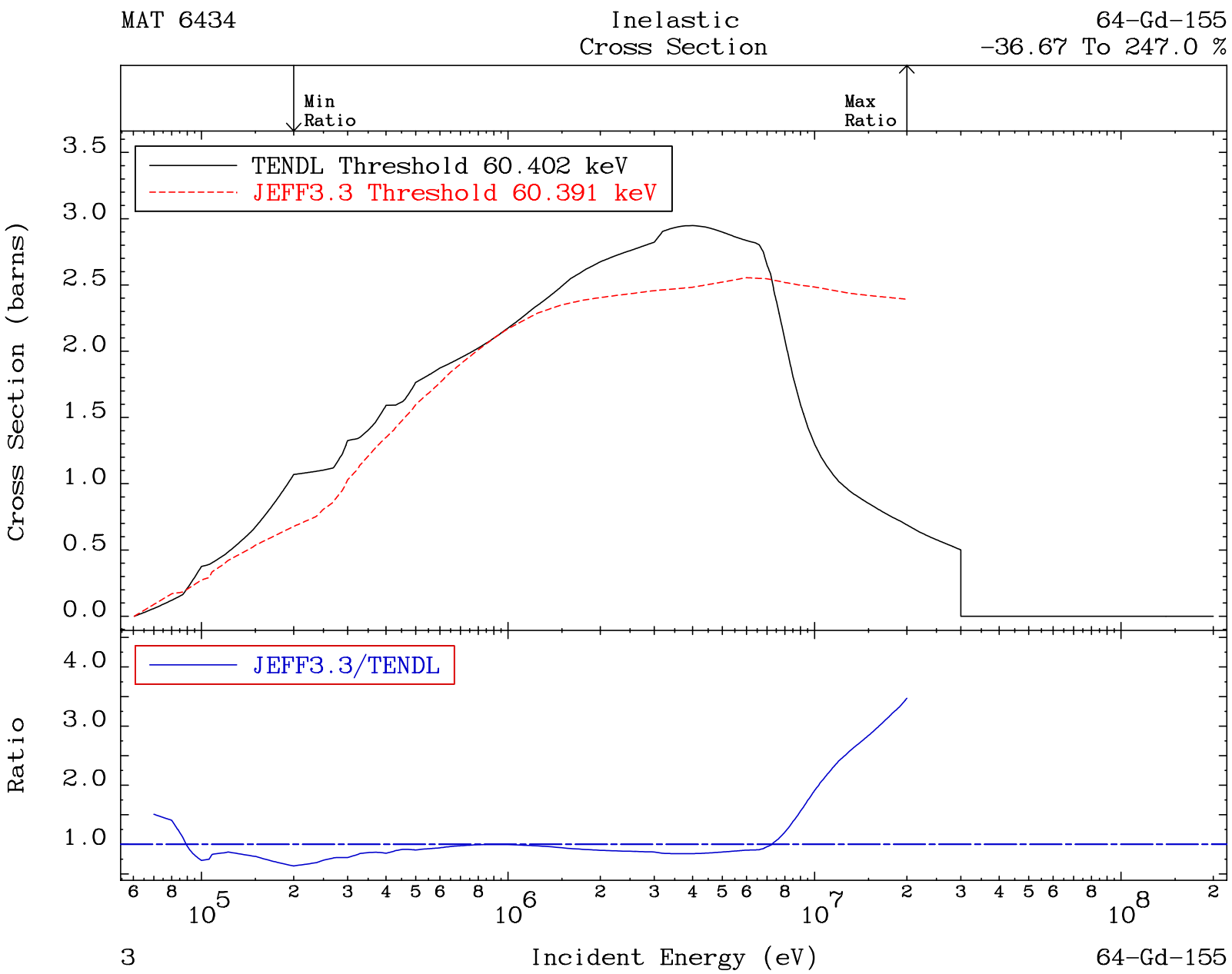
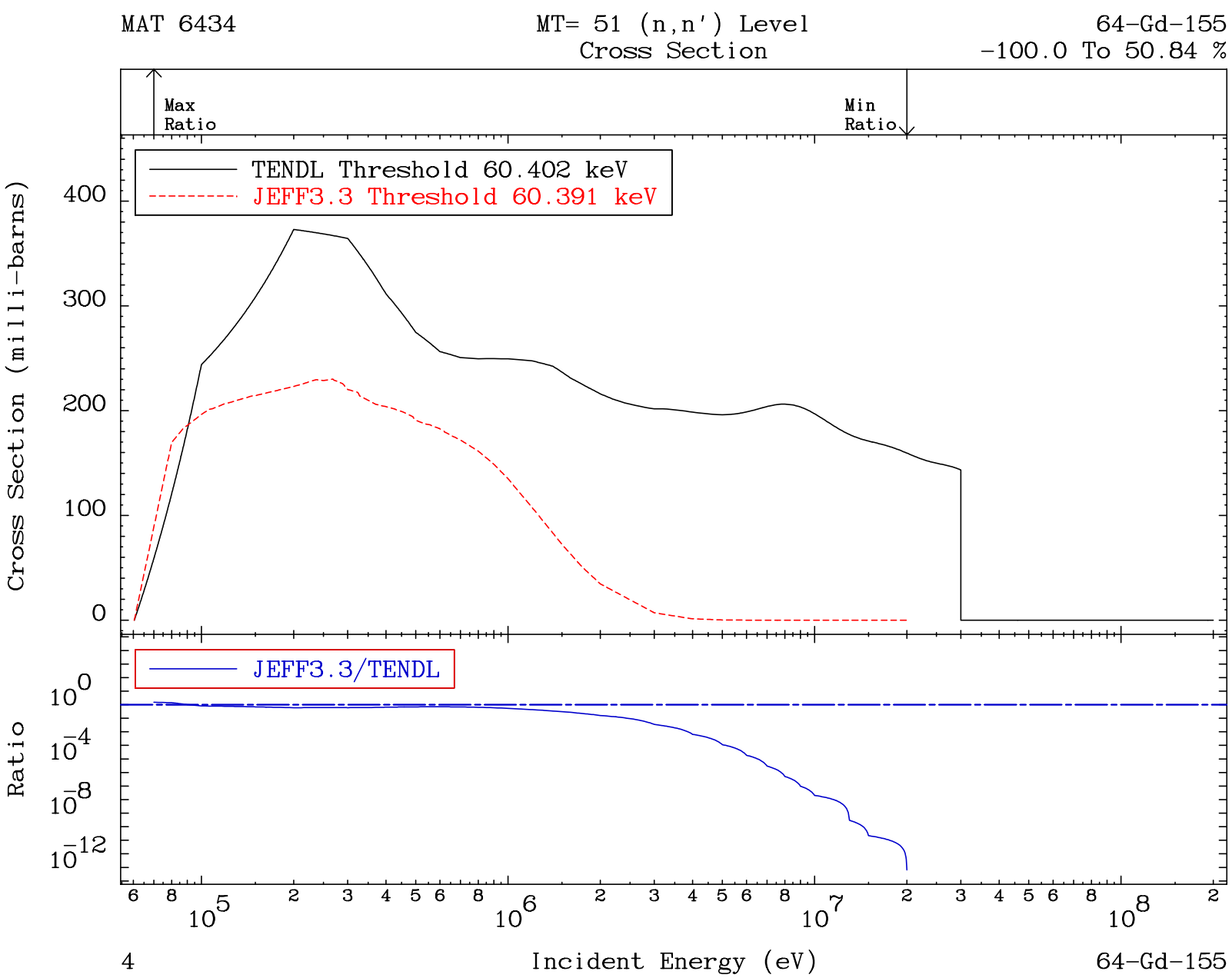
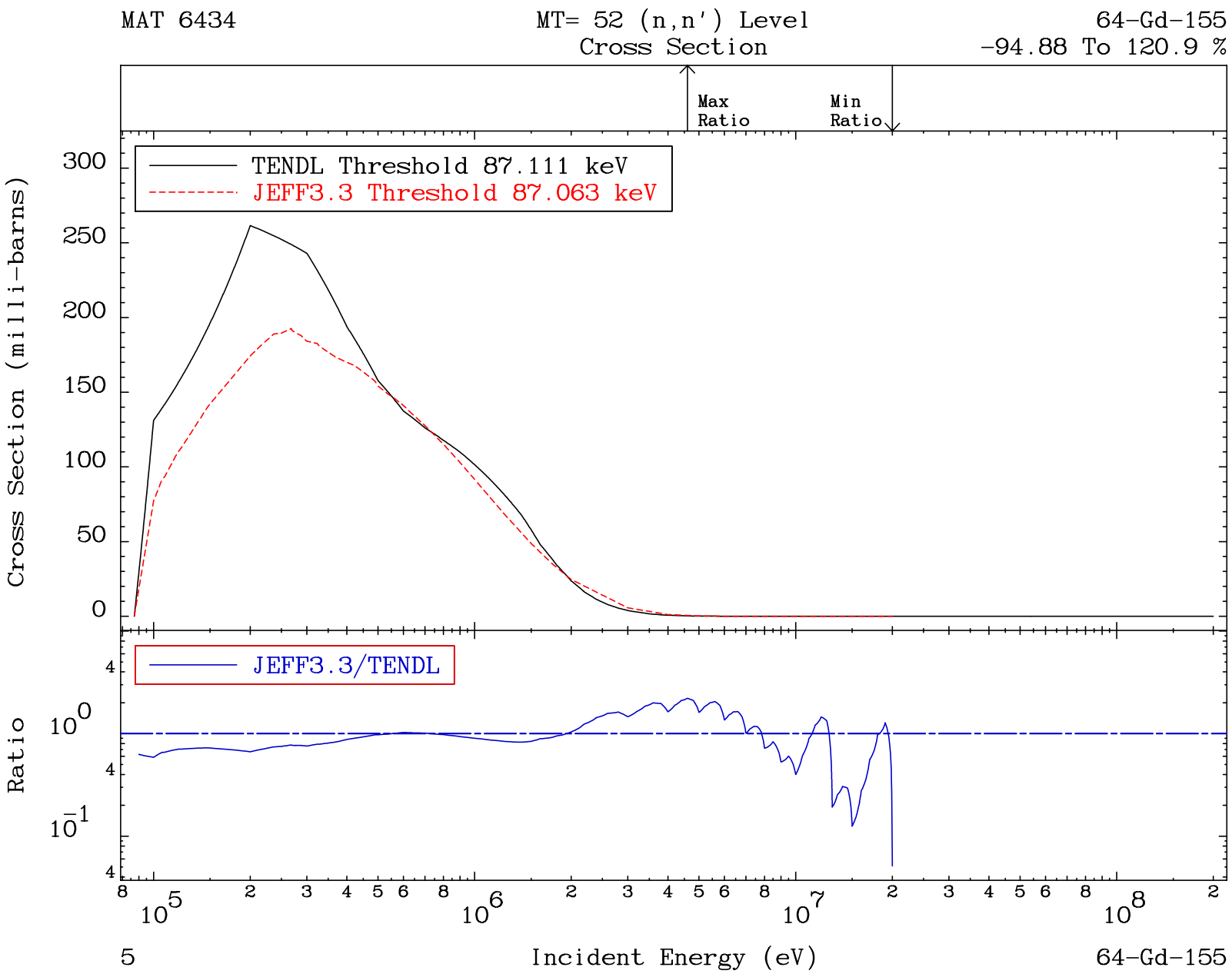
Press Mouse Button to Start

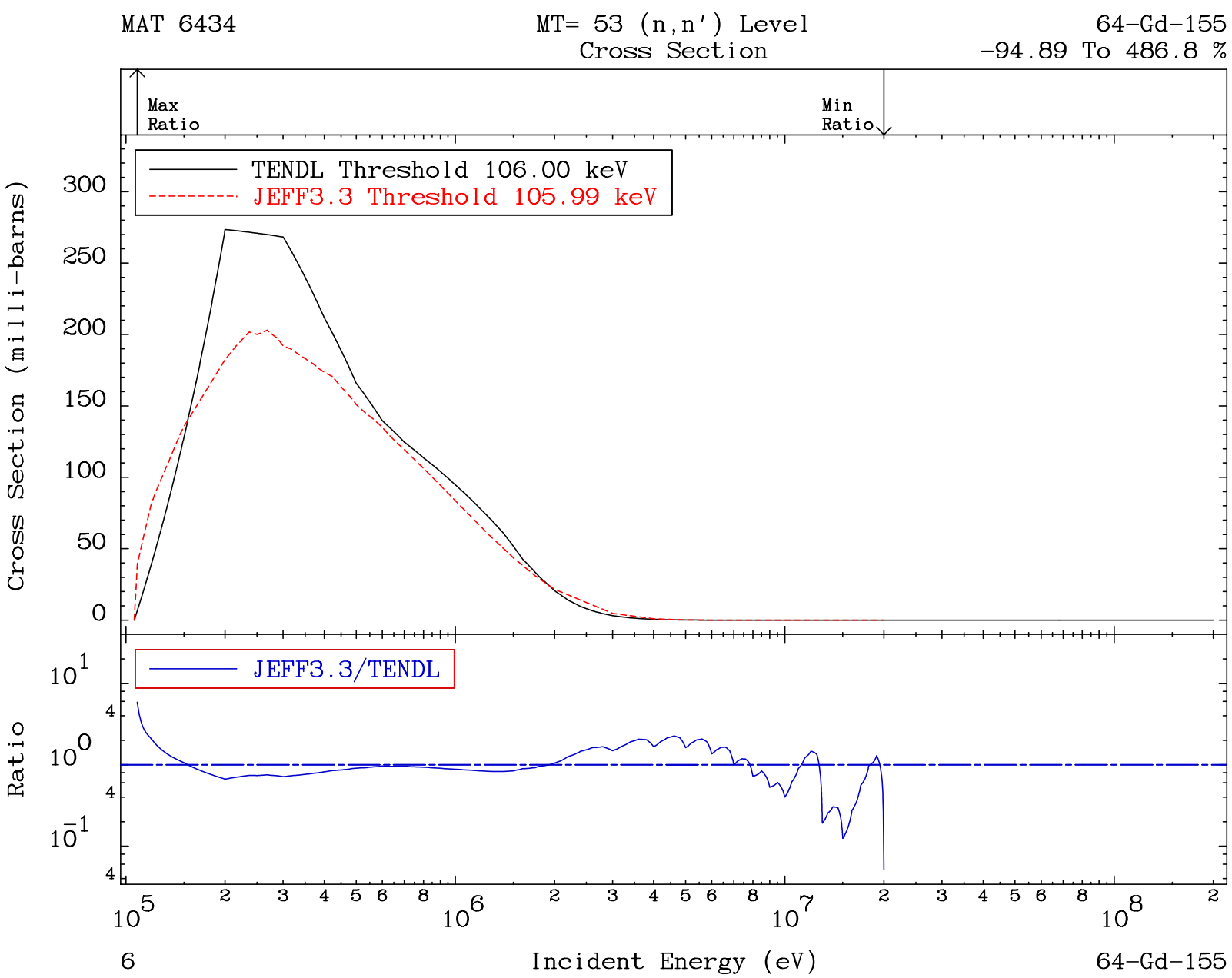

MAT 6434
Total
Cross Section
64-Gd-155
-97.70 To 2564. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
1
64-Gd-155

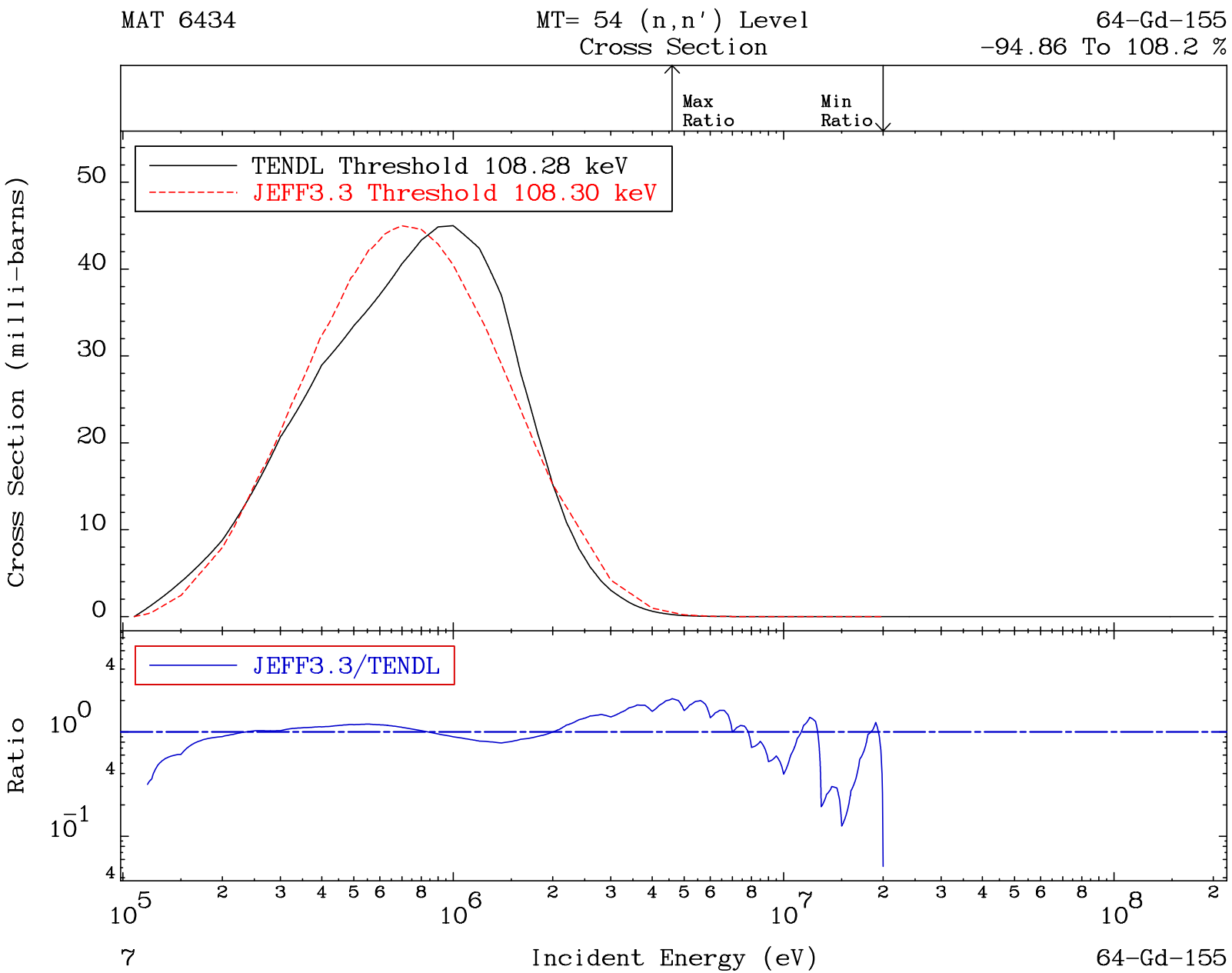

MAT 6434
Elastic
Cross Section
64-Gd-155
-99.05 To 3599. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
64-Gd-155
2

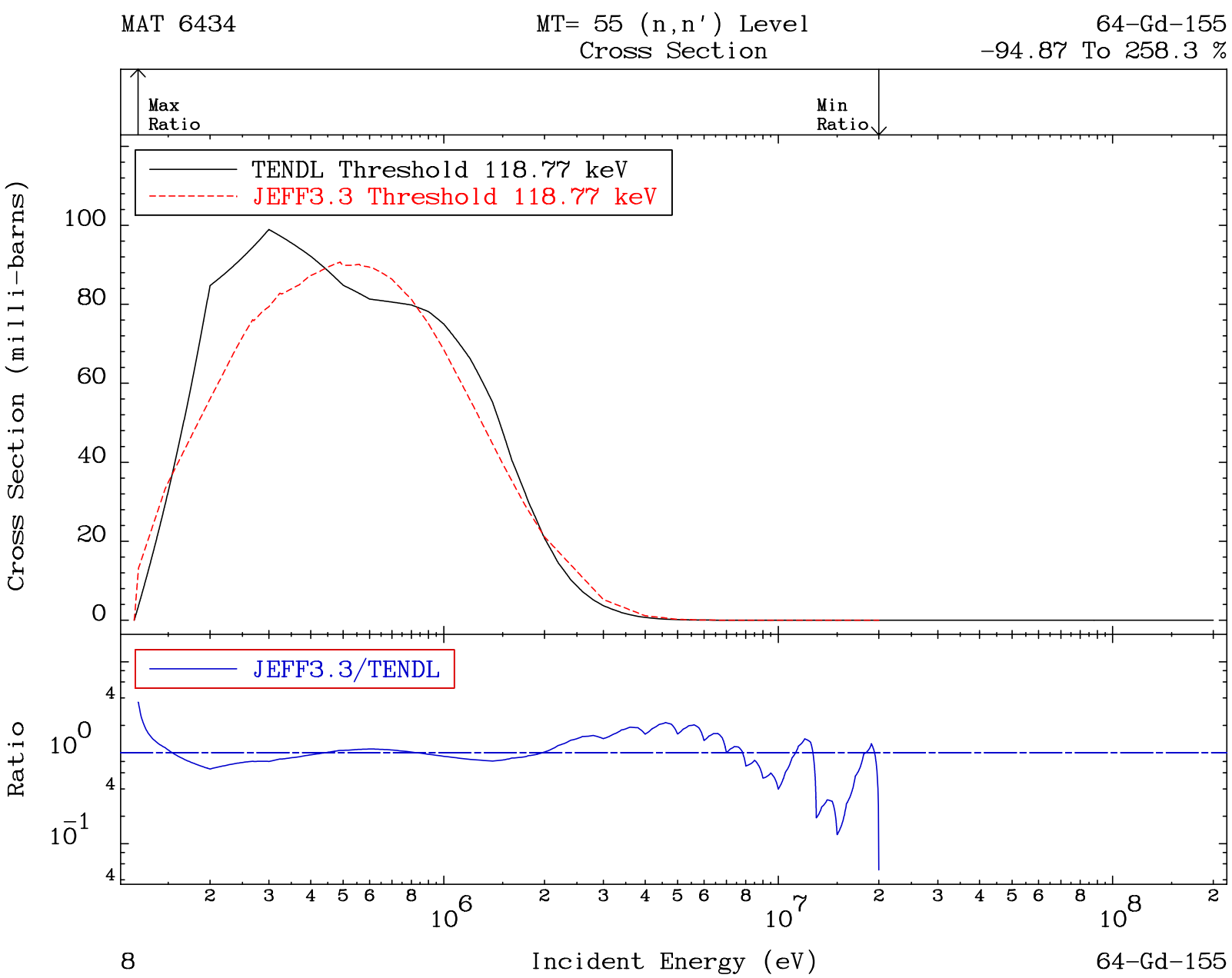

MAT 6434
Inelastic
Cross Section
64-Gd-155
-36.67 To 247.0 %
Min
Ratio
Max
Ratio
TENDL Threshold 60.402 keV
JEFF3.3 Threshold 60.391 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
3
64-Gd-155

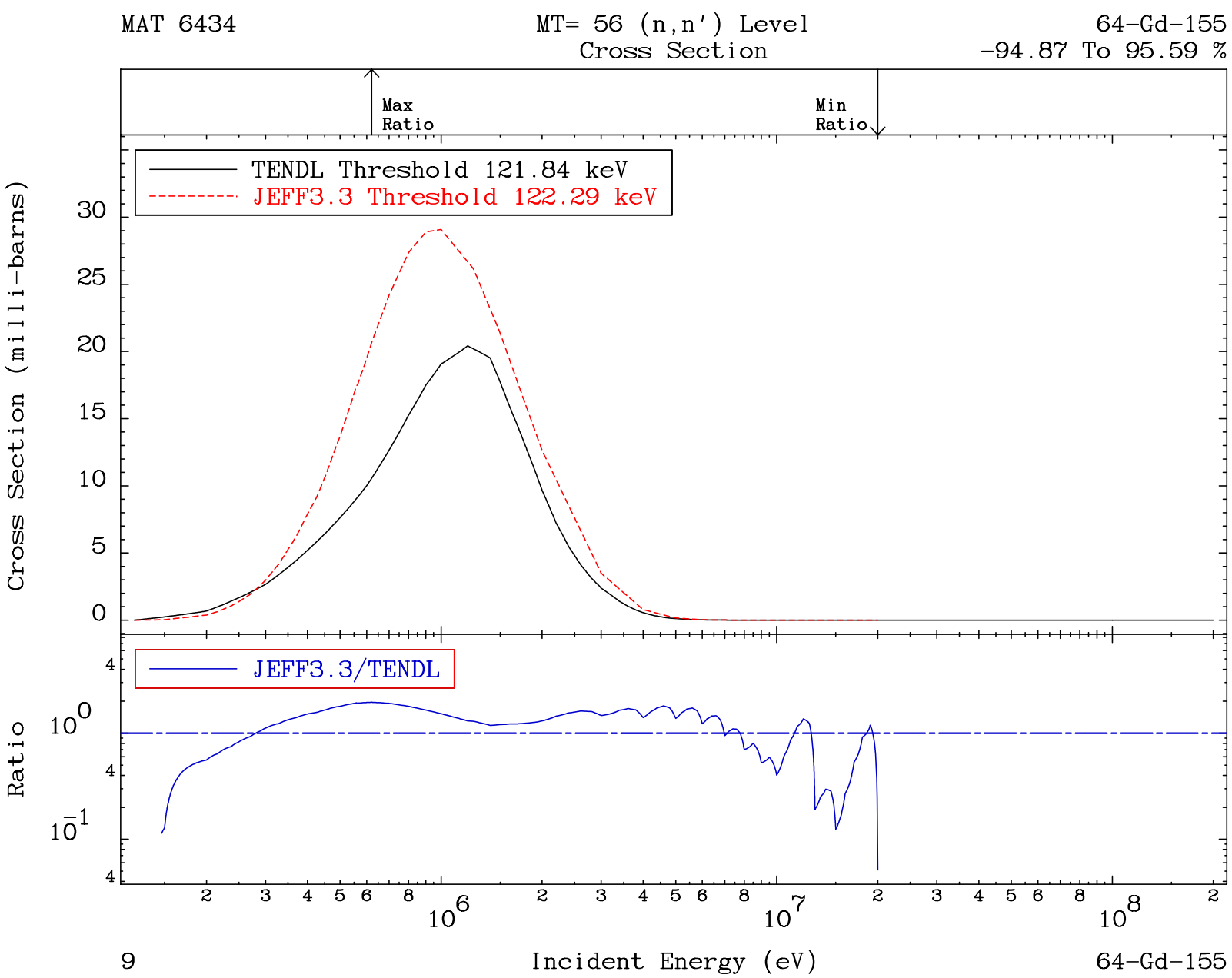

MAT 6434
MT= 51 (n,n') Level
Cross Section
64-Gd-155
-100.0 To 50.84 %
Max
Ratio
Min
Ratio
TENDL Threshold 60.402 keV
JEFF3.3 Threshold 60.391 keV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^0
10^-4
10^-8
10^-12
10^5
10^6
10^7
10^8
Incident Energy (eV)
4
64-Gd-155

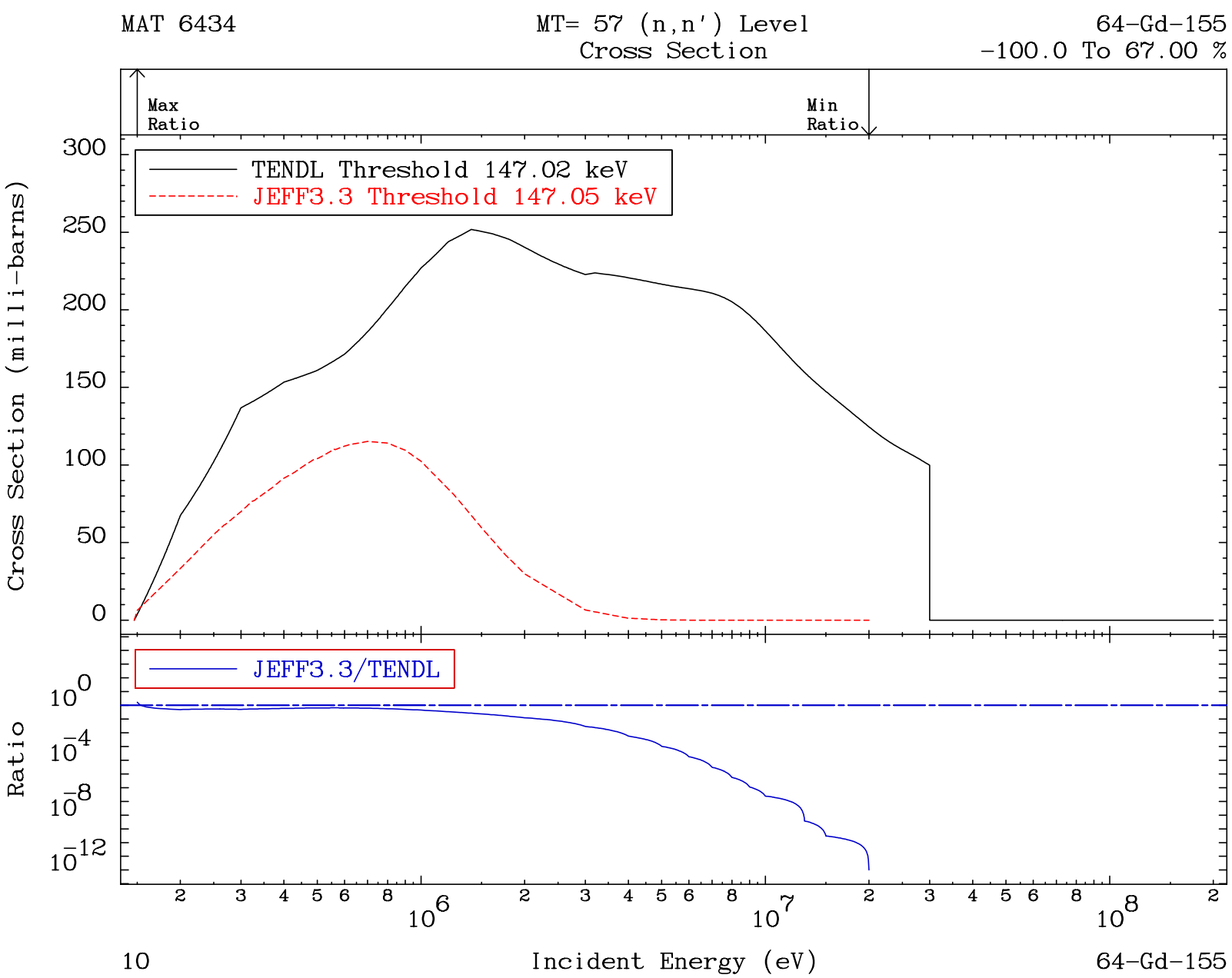

MAT 6434
MT= 52 (n,n') Level
Cross Section
64-Gd-155
-94.88 To 120.9 %
Max Ratio
Min Ratio
TENDL Threshold 87.111 keV
JEFF3.3 Threshold 87.063 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
4
10^0
4
10^-1
4
8
10^5
2
3
4
5
6
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
5
Incident Energy (eV)
64-Gd-155

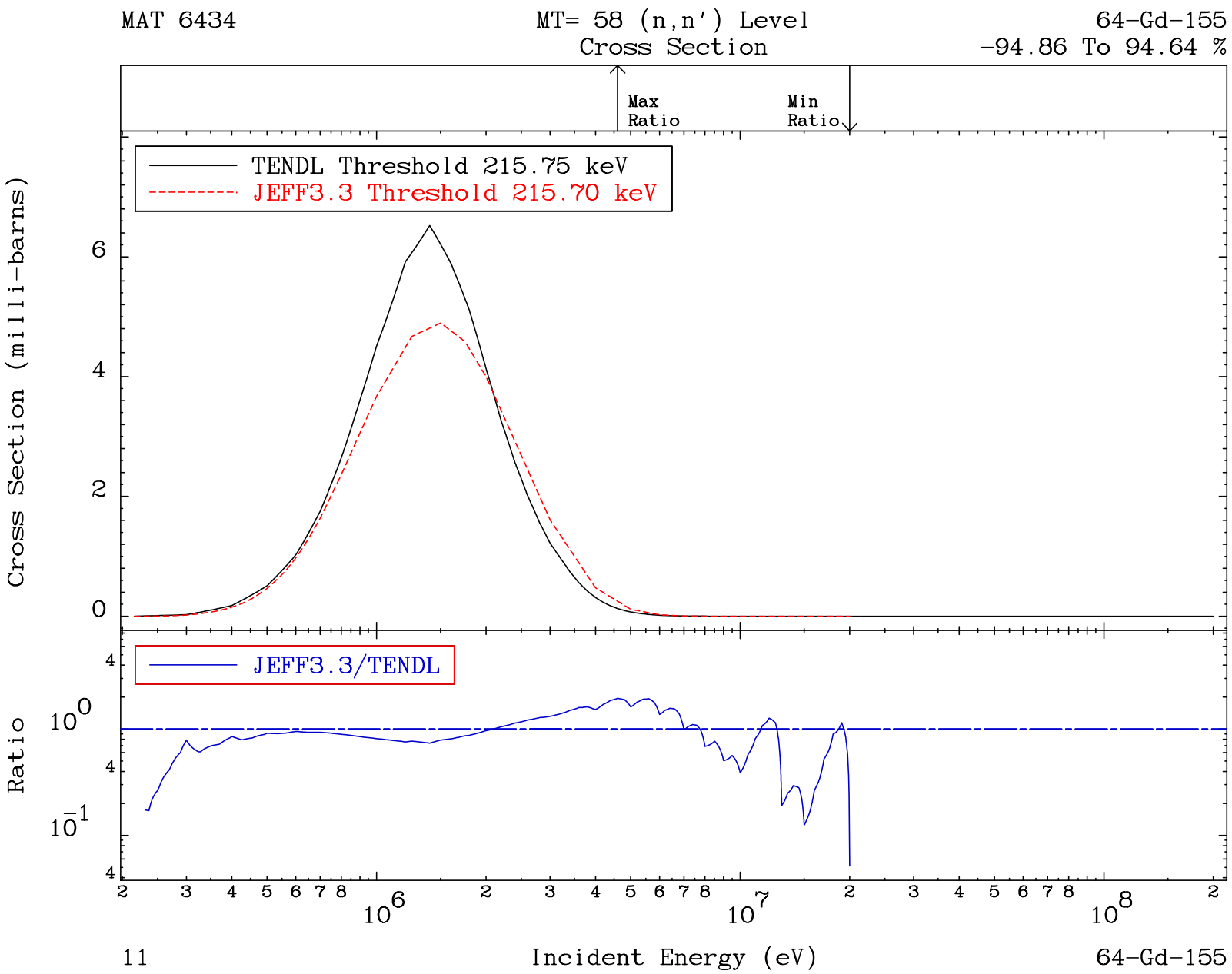

MAT 6434
MT= 53 (n,n') Level
Cross Section
64-Gd-155
-94.89 To 486.8 %
Max
Ratio
Min
Ratio
TENDL Threshold 106.00 keV
JEFF3.3 Threshold 105.99 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
10^5
10^6
10^7
10^8
Incident Energy (eV)
6
64-Gd-155

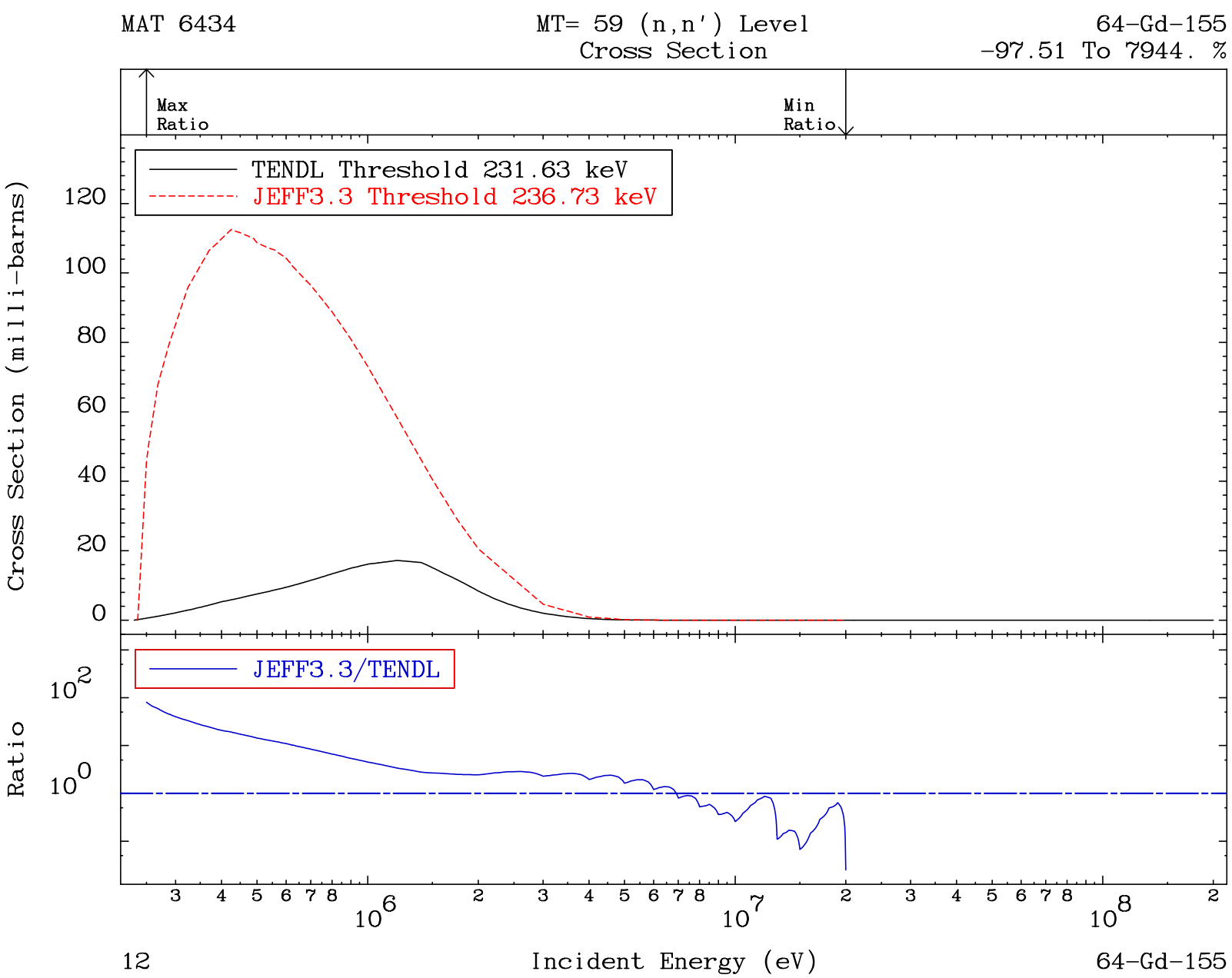

MAT 6434
MT= 54 (n,n') Level
Cross Section
64-Gd-155
-94.86 To 108.2 %
Max
Ratio
Min
Ratio
TENDL Threshold 108.28 keV
JEFF3.3 Threshold 108.30 keV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^{0}
10^{-1}
10^{5}
10^{6}
10^{7}
10^{8}
Incident Energy (eV)
64-Gd-155

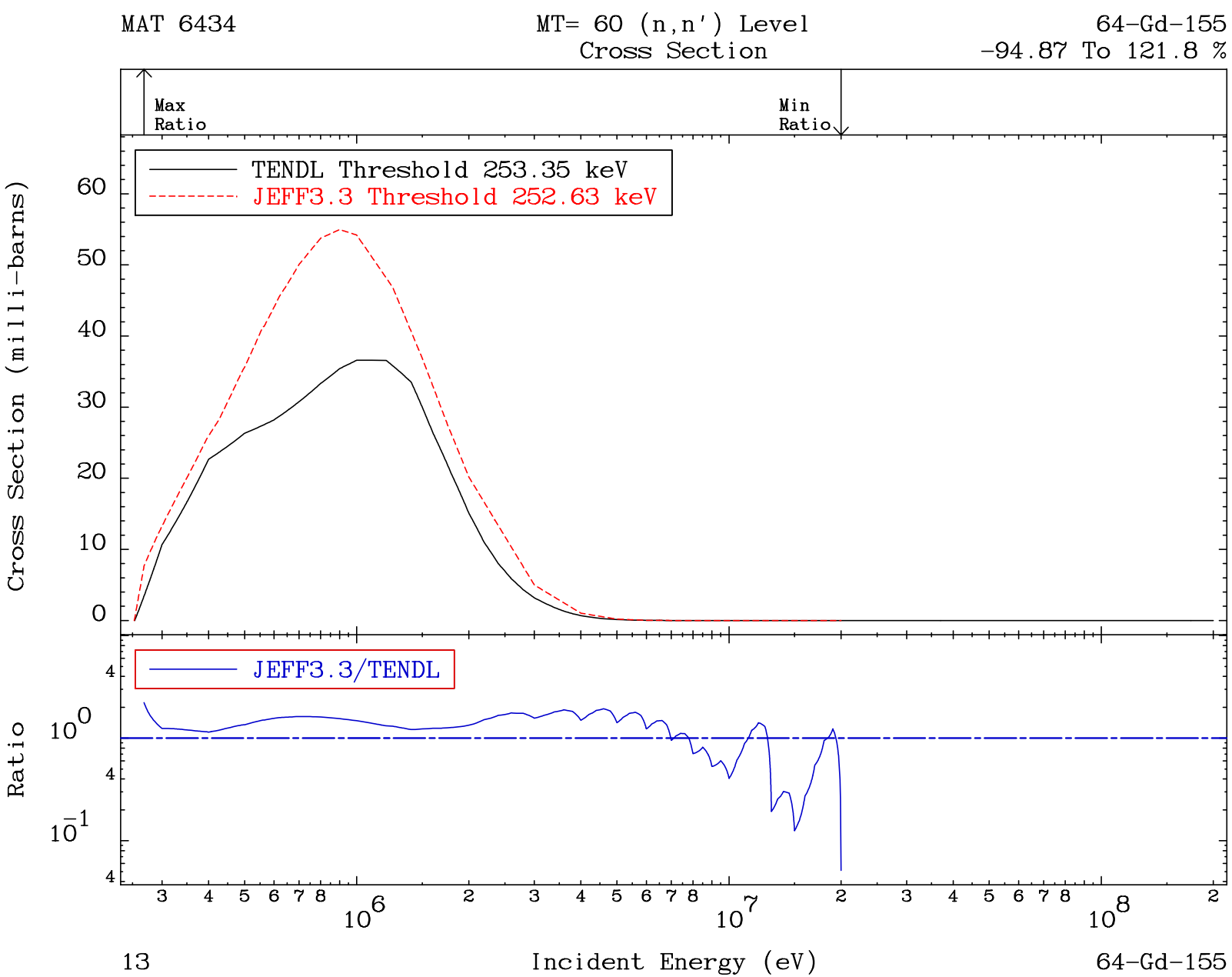

MAT 6434
MT= 55 (n,n') Level
Cross Section
64-Gd-155
-94.87 To 258.3 %
Max
Ratio
Min
Ratio
TENDL Threshold 118.77 keV
JEFF3.3 Threshold 118.77 keV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^0
10^-1
10^6
10^7
10^8
Incident Energy (eV)
8
64-Gd-155

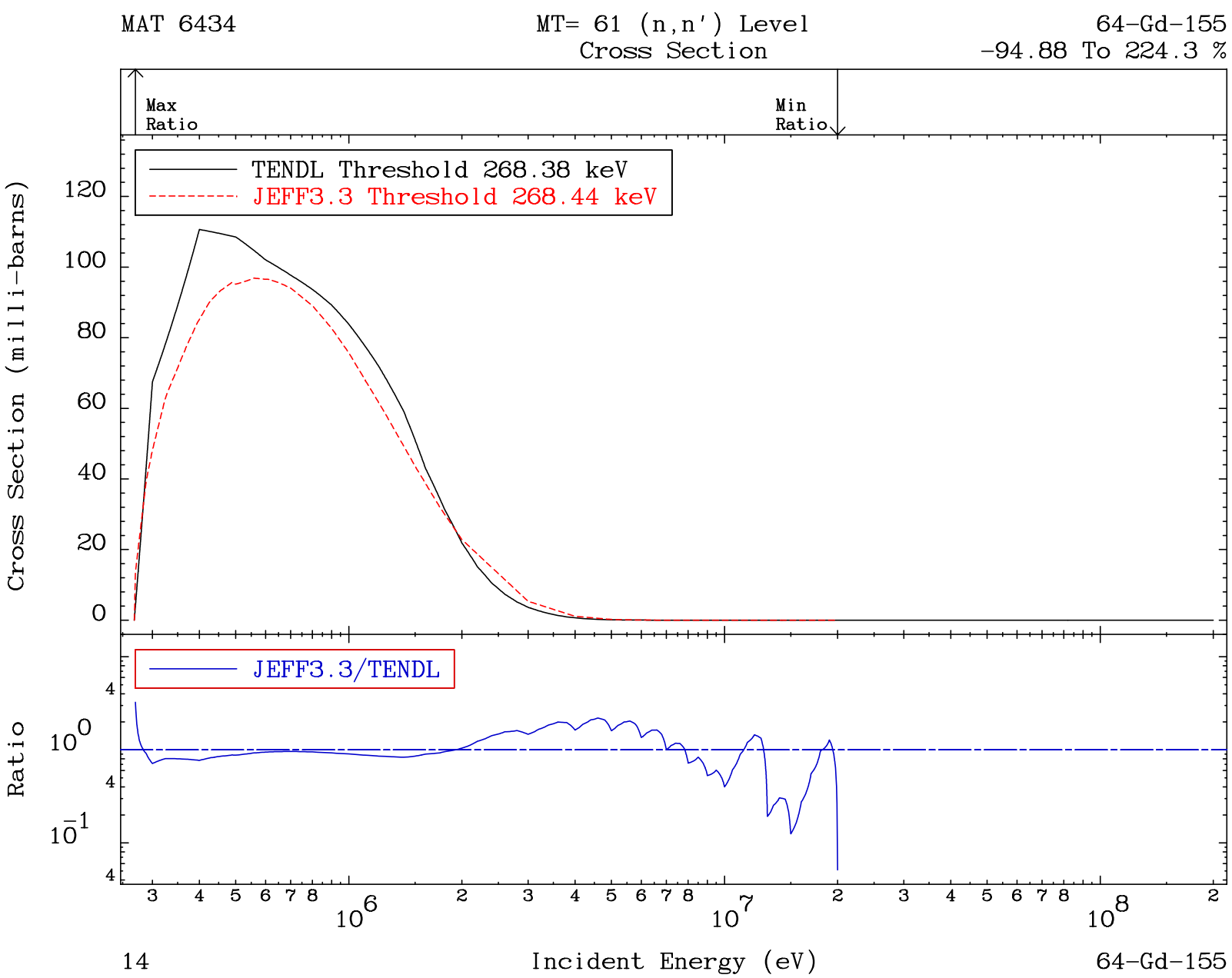

MAT 6434
MT= 56 (n,n') Level
Cross Section
64-Gd-155
-94.87 To 95.59 %
Max
Ratio
Min
Ratio
TENDL Threshold 121.84 keV
JEFF3.3 Threshold 122.29 keV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^0
10^-1
10^6
10^7
10^8
Incident Energy (eV)
9
64-Gd-155

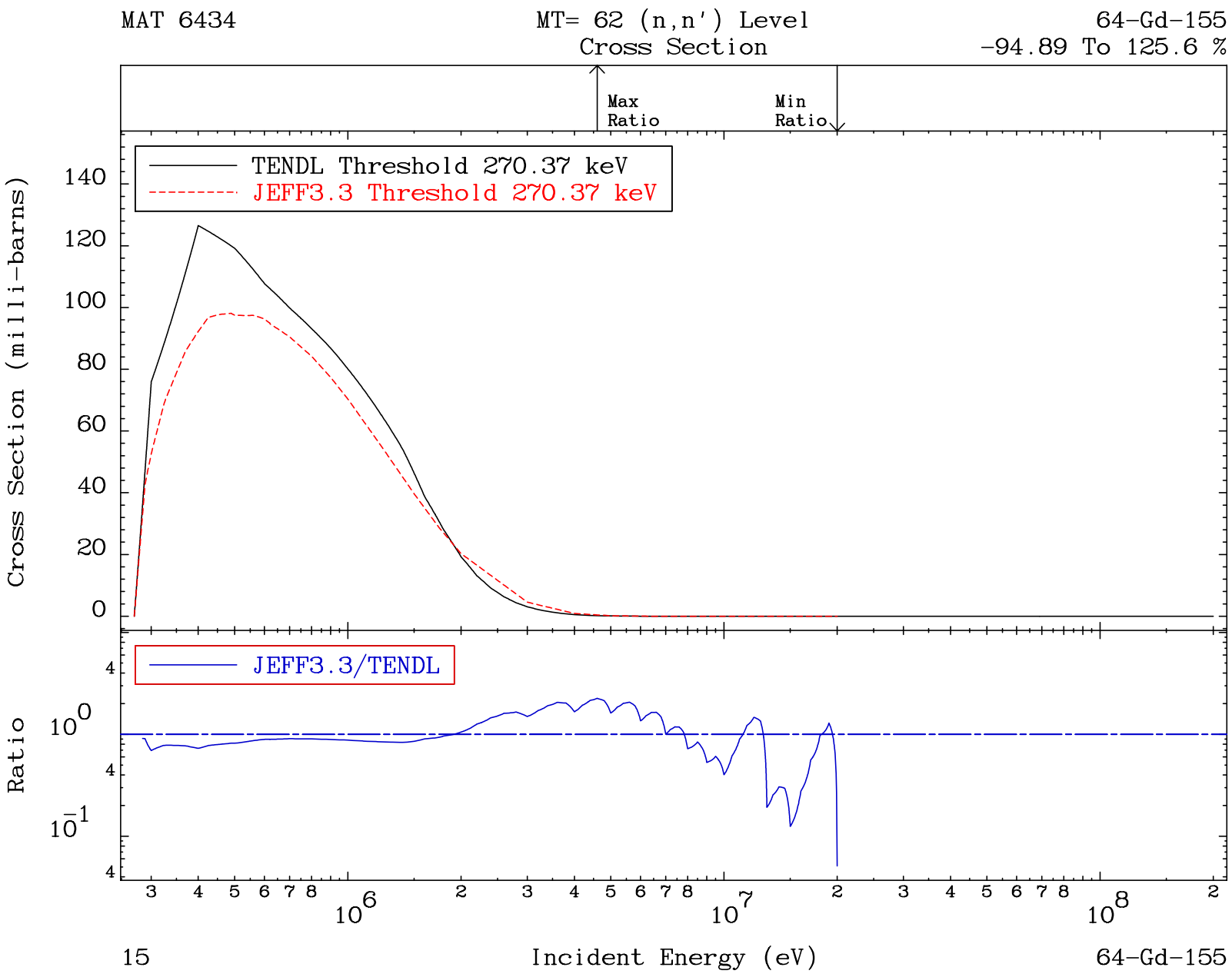

MAT 6434
MT= 57 (n,n') Level
Cross Section
64-Gd-155
-100.0 To 67.00 %
Max
Ratio
Min
Ratio
TENDL Threshold 147.02 keV
JEFF3.3 Threshold 147.05 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^0
10^-4
10^-8
10^-12
2
3
4
5
6
8
10^6
10^7
10^8
10
Incident Energy (eV)
64-Gd-155

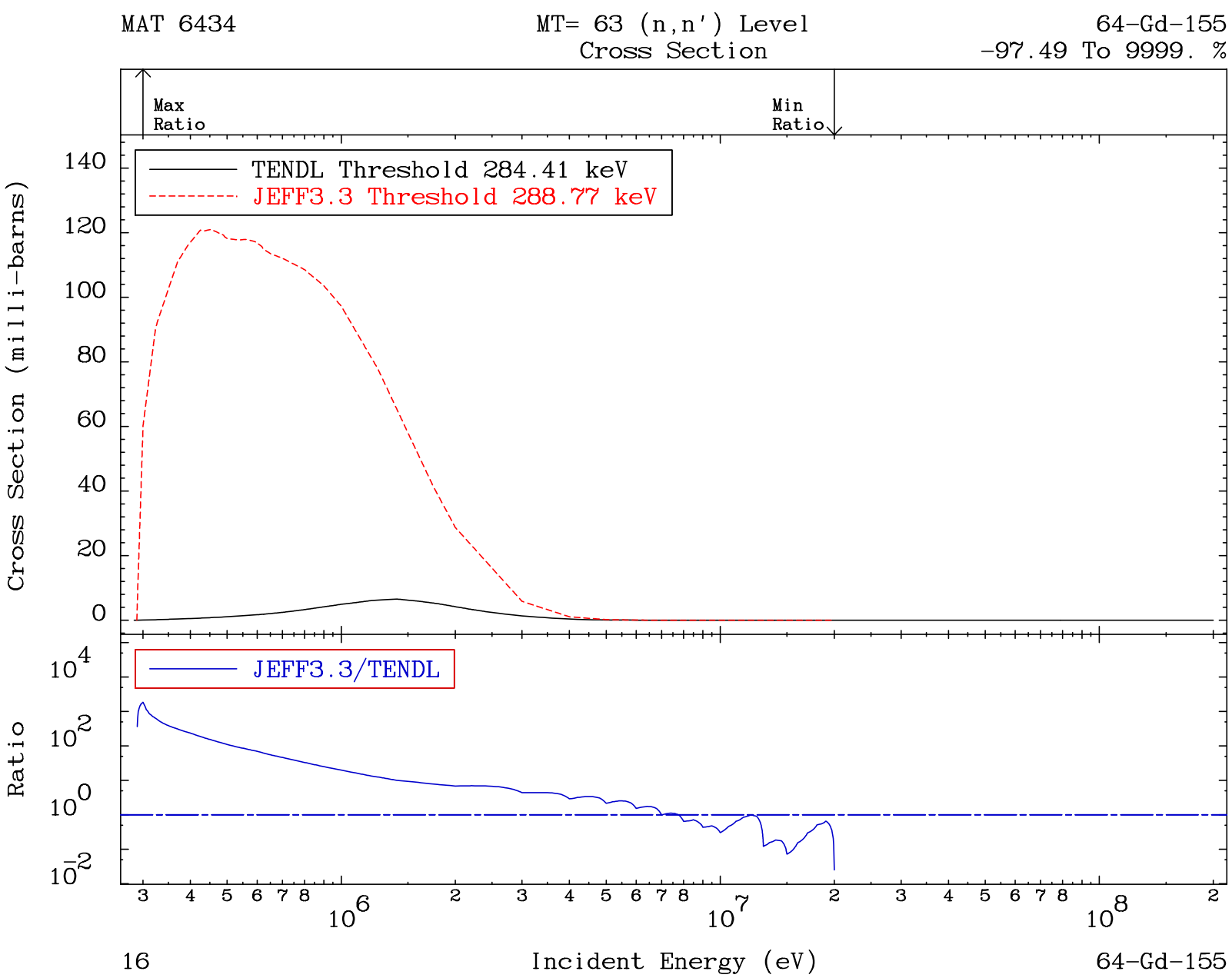

MAT 6434
MT= 58 (n,n') Level
Cross Section
64-Gd-155
-94.86 To 94.64 %
Max
Ratio
Min
Ratio
TENDL Threshold 215.75 keV
JEFF3.3 Threshold 215.70 keV
Cross Section (milli-barns)
0
2
4
6
JEFF3.3/TENDL
Ratio
10^{0}
10^{-1}
10^{6}
10^{7}
10^{8}
Incident Energy (eV)
11
64-Gd-155

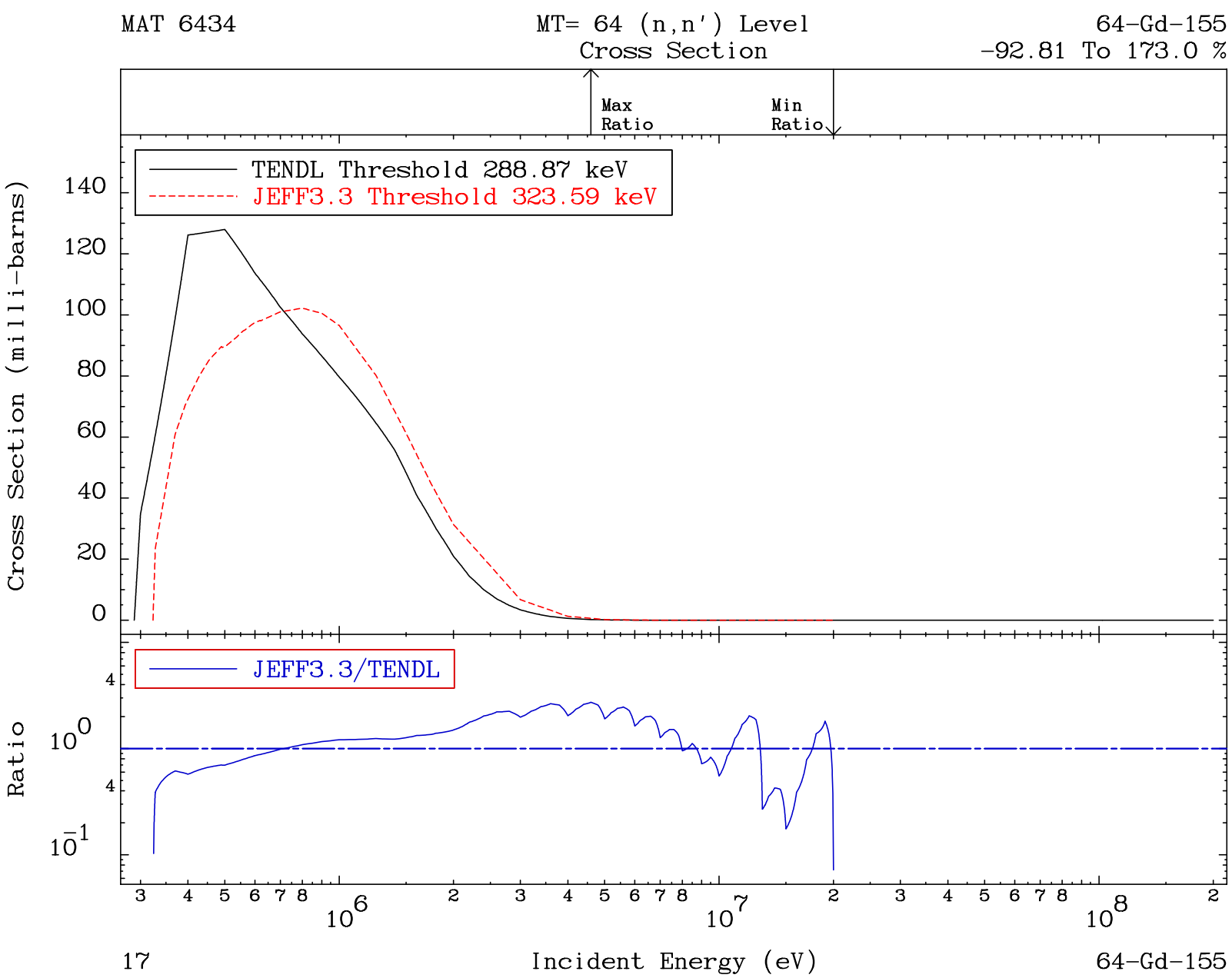

MAT 6434
MT= 59 (n,n') Level
Cross Section
64-Gd-155
-97.51 To 7944. %
Max
Ratio
Min
Ratio
TENDL Threshold 231.63 keV
JEFF3.3 Threshold 236.73 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^2
10^0
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
12
Incident Energy (eV)
64-Gd-155

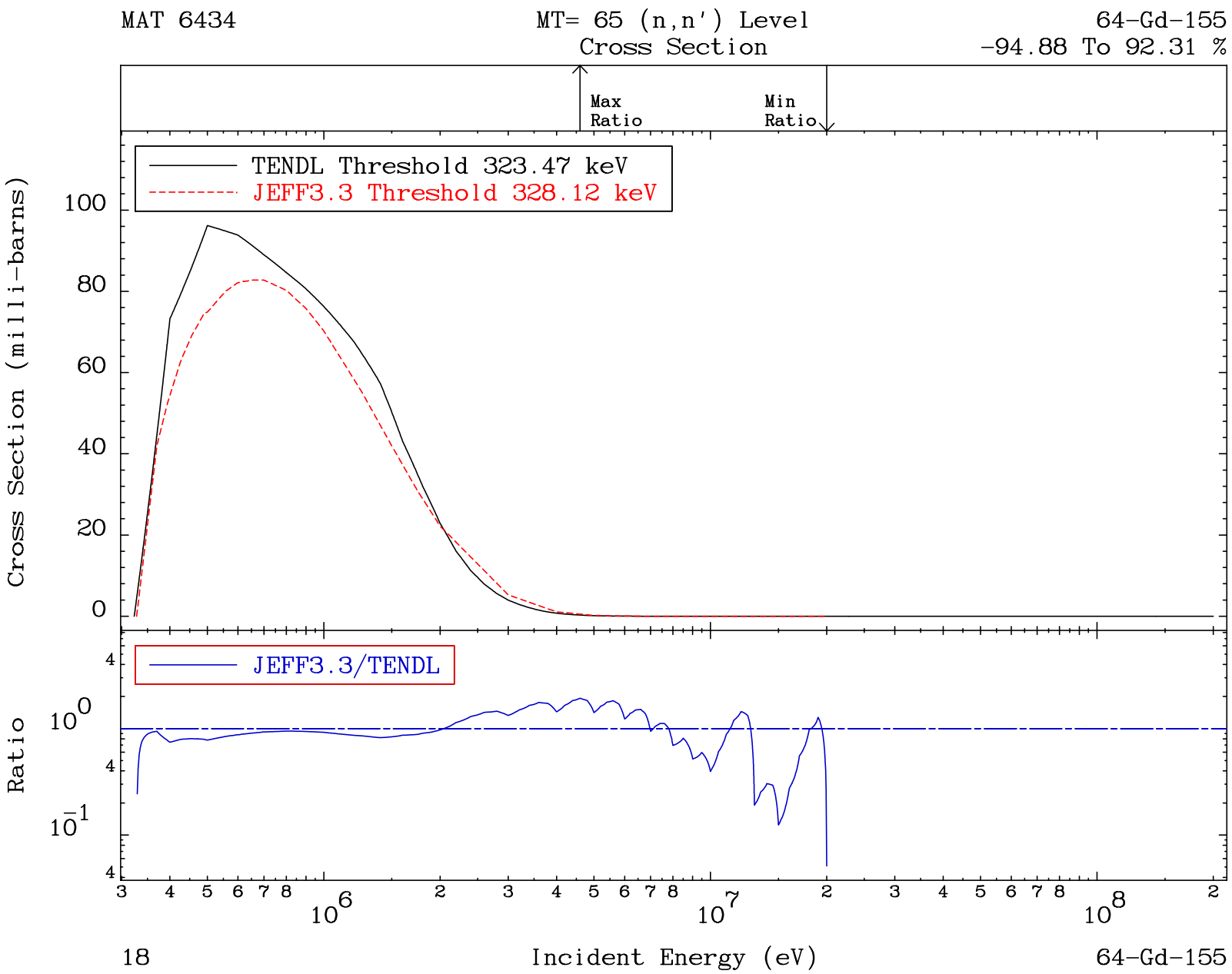

MAT 6434
MT= 60 (n,n') Level Cross Section
64-Gd-155
-94.87 To 121.8 %
Max Ratio
Min Ratio
TENDL Threshold 253.35 keV
JEFF3.3 Threshold 252.63 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
4
10^0
4
10^-1
4
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
13
Incident Energy (eV)
64-Gd-155

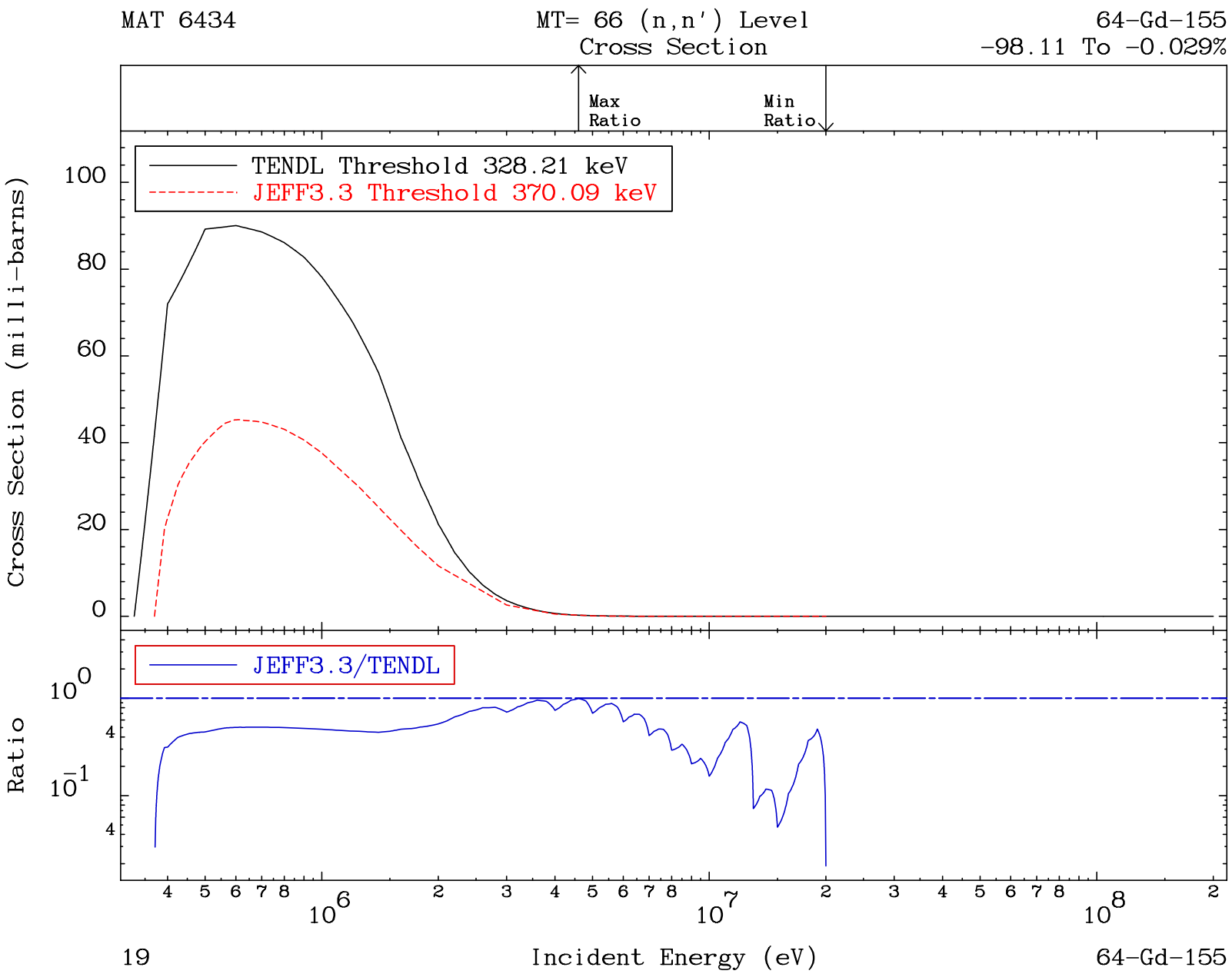

MAT 6434
MT= 61 (n,n') Level
Cross Section
64-Gd-155
-94.88 To 224.3 %
Max
Ratio
Min
Ratio
TENDL Threshold 268.38 keV
JEFF3.3 Threshold 268.44 keV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^0
10^-1
10^6
10^7
10^8
14
Incident Energy (eV)
64-Gd-155

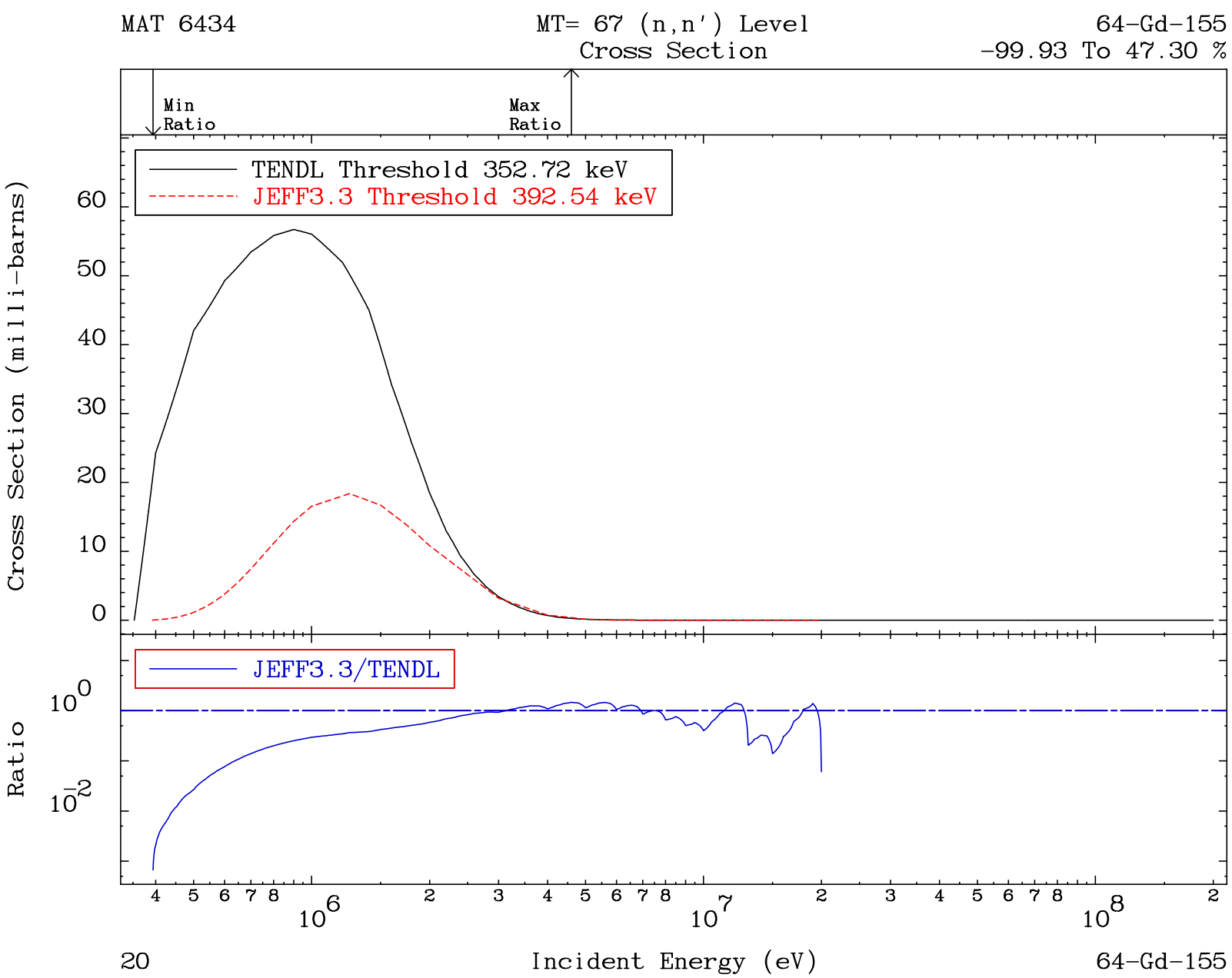

MAT 6434
MT= 62 (n,n') Level
Cross Section
64-Gd-155
-94.89 To 125.6 %
Max
Ratio
Min
Ratio
TENDL Threshold 270.37 keV
JEFF3.3 Threshold 270.37 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^0
10^-1
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
15
Incident Energy (eV)
64-Gd-155

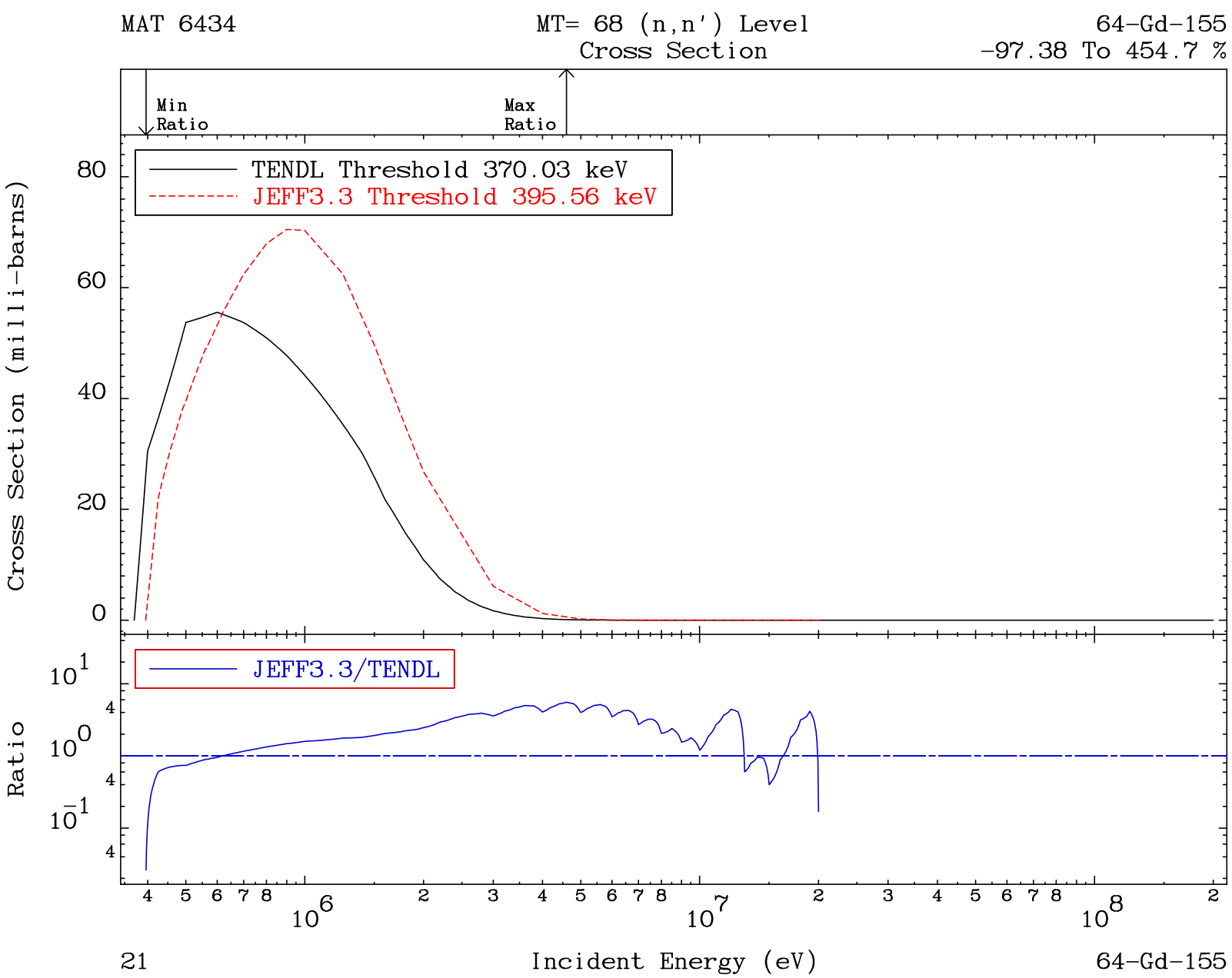

MAT 6434
MT= 63 (n,n') Level
Cross Section
64-Gd-155
-97.49 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 284.41 keV
JEFF3.3 Threshold 288.77 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^4
10^2
10^0
10^-2
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
16
Incident Energy (eV)
64-Gd-155

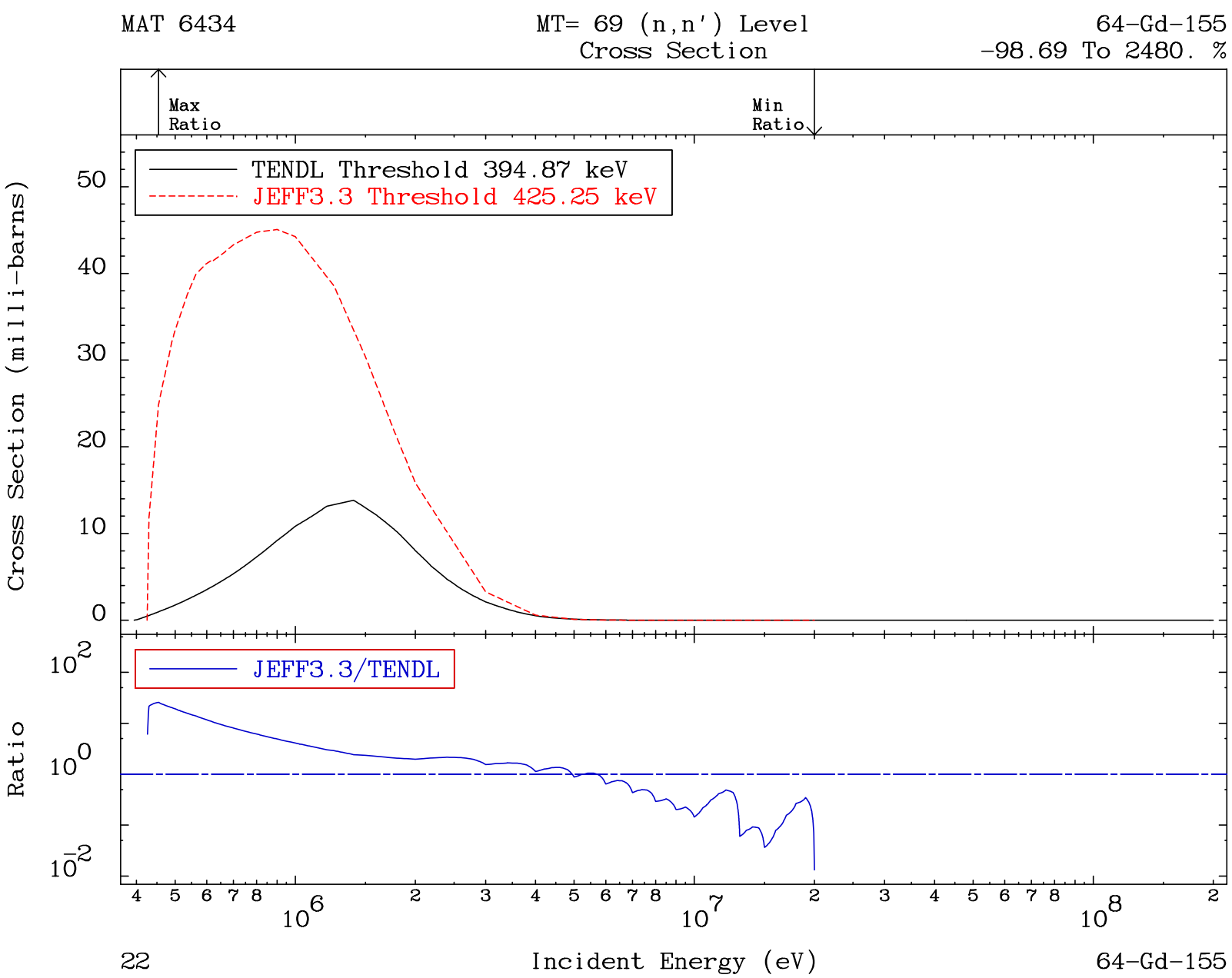

MAT 6434
MT= 64 (n,n') Level
Cross Section
64-Gd-155
-92.81 To 173.0 %
Max
Ratio
Min
Ratio
TENDL Threshold 288.87 keV
JEFF3.3 Threshold 323.59 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
4
10^0
4
10^-1
3 4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
17
Incident Energy (eV)
64-Gd-155

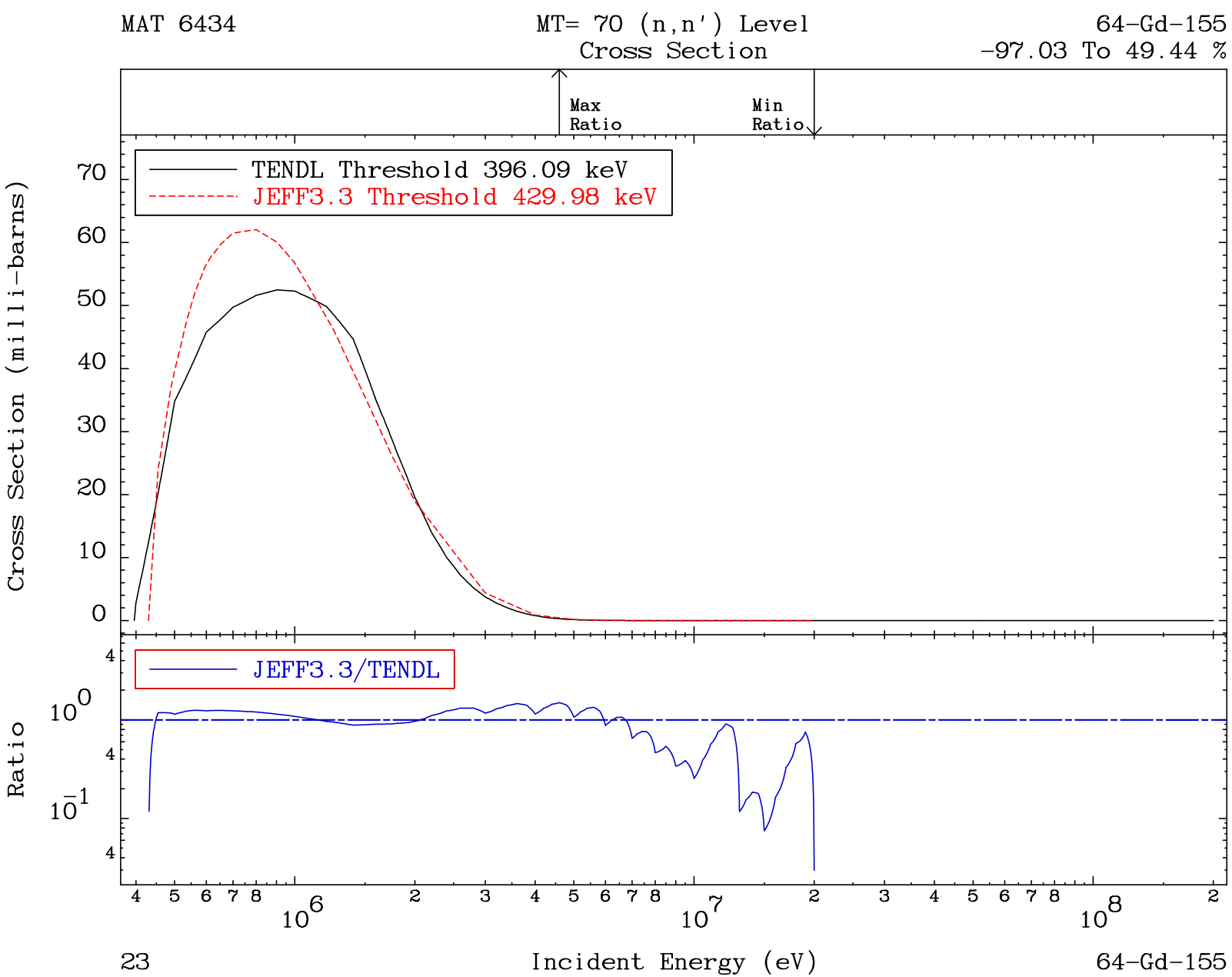

MAT 6434
MT= 65 (n,n') Level
Cross Section
64-Gd-155
-94.88 To 92.31 %
Max
Ratio
Min
Ratio
TENDL Threshold 323.47 keV
JEFF3.3 Threshold 328.12 keV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^{0}
10^{-1}
10^{6}
10^{7}
10^{8}
Incident Energy (eV)
18
64-Gd-155

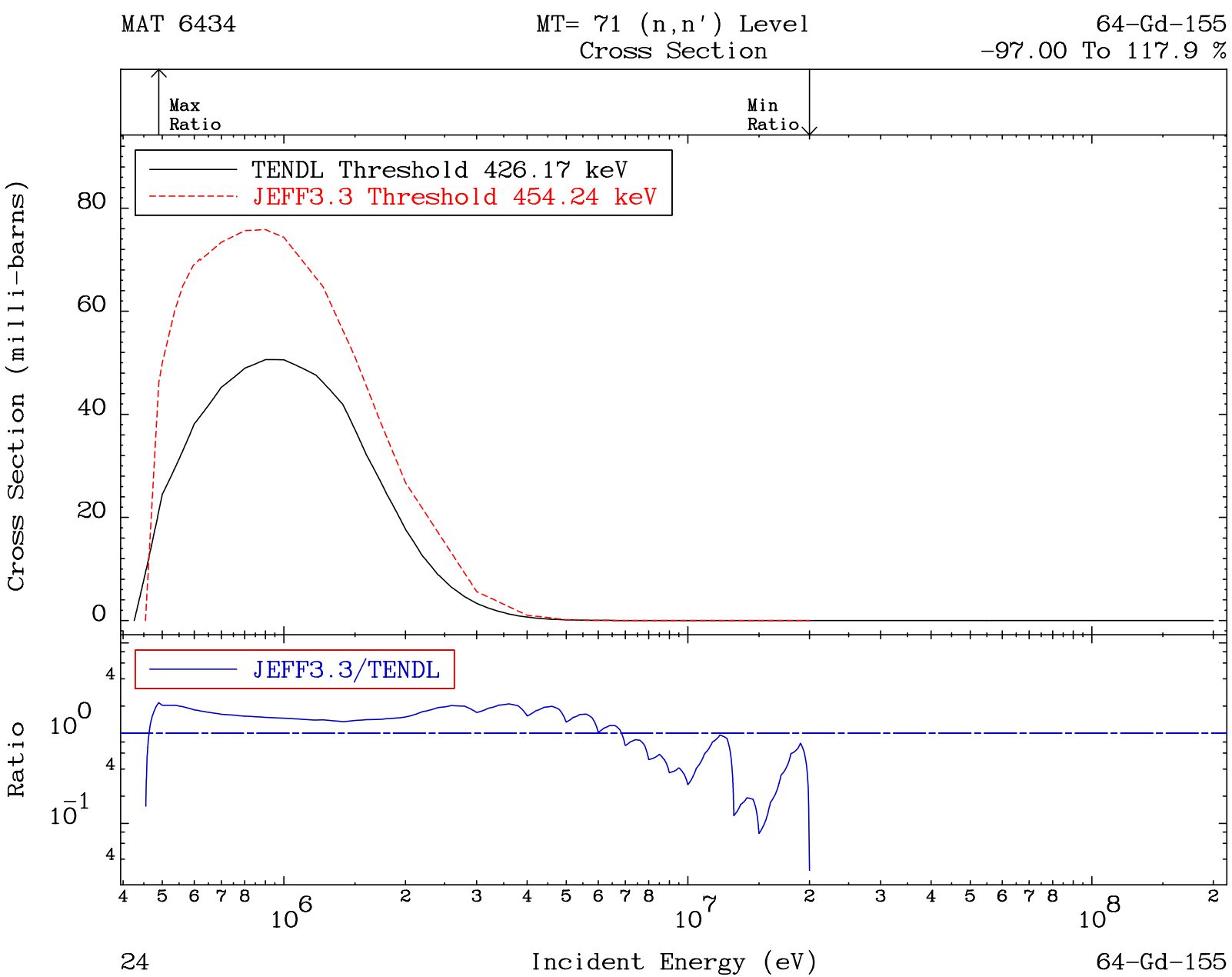

MAT 6434
MT= 66 (n,n') Level
Cross Section
64-Gd-155
-98.11 To -0.029%
Max Ratio
Min Ratio
TENDL Threshold 328.21 keV
JEFF3.3 Threshold 370.09 keV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^0
10^-1
4
4
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
19
Incident Energy (eV)
64-Gd-155

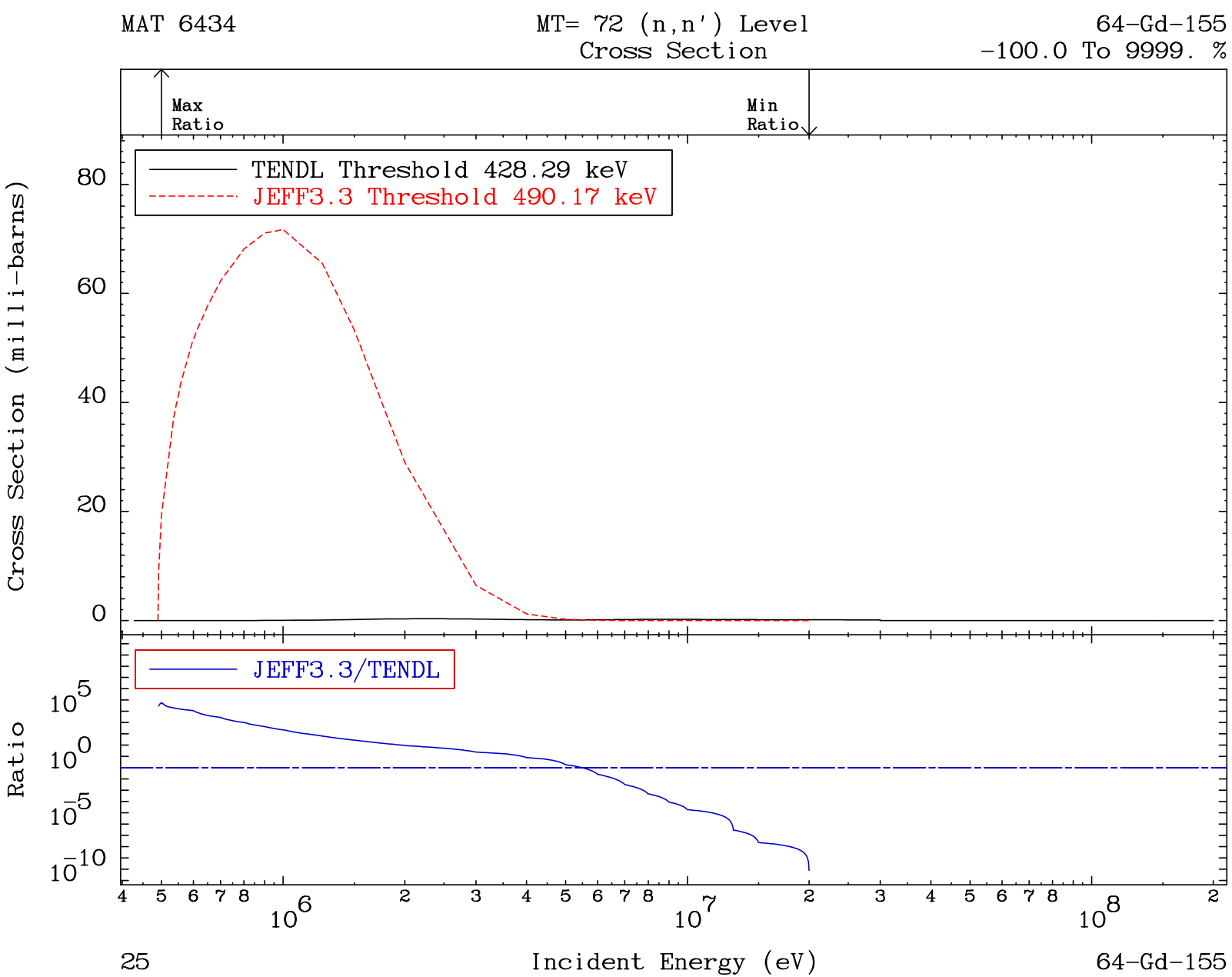

MAT 6434
MT= 67 (n,n') Level
Cross Section
64-Gd-155
-99.93 To 47.30 %
Min
Ratio
Max
Ratio
TENDL Threshold 352.72 keV
JEFF3.3 Threshold 392.54 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^0
10^-2
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
20
Incident Energy (eV)
64-Gd-155

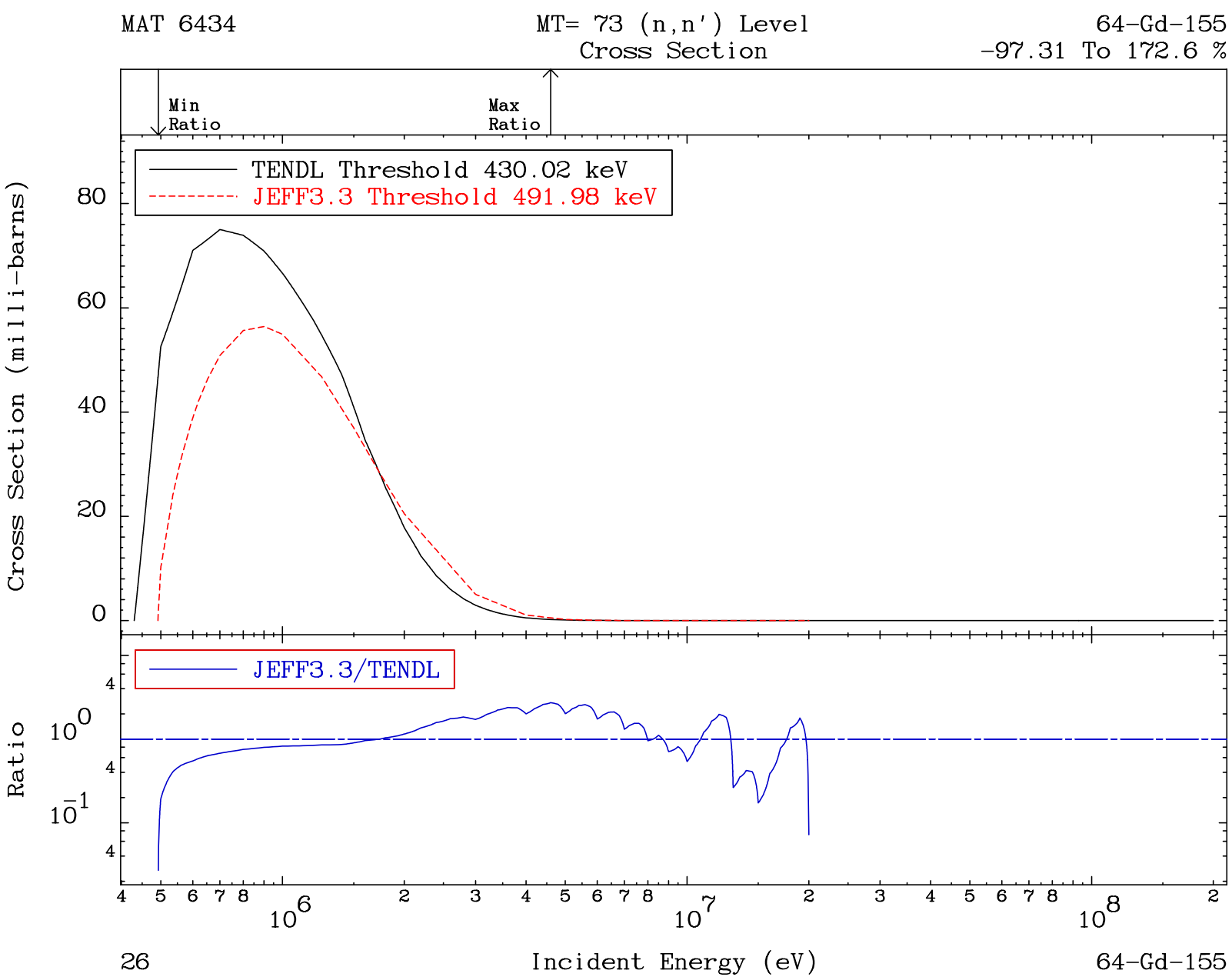

MAT 6434
MT= 68 (n,n') Level
Cross Section
64-Gd-155
-97.38 To 454.7 %
Min
Ratio
Max
Ratio
TENDL Threshold 370.03 keV
JEFF3.3 Threshold 395.56 keV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
4
5
6
7
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
21
Incident Energy (eV)
64-Gd-155

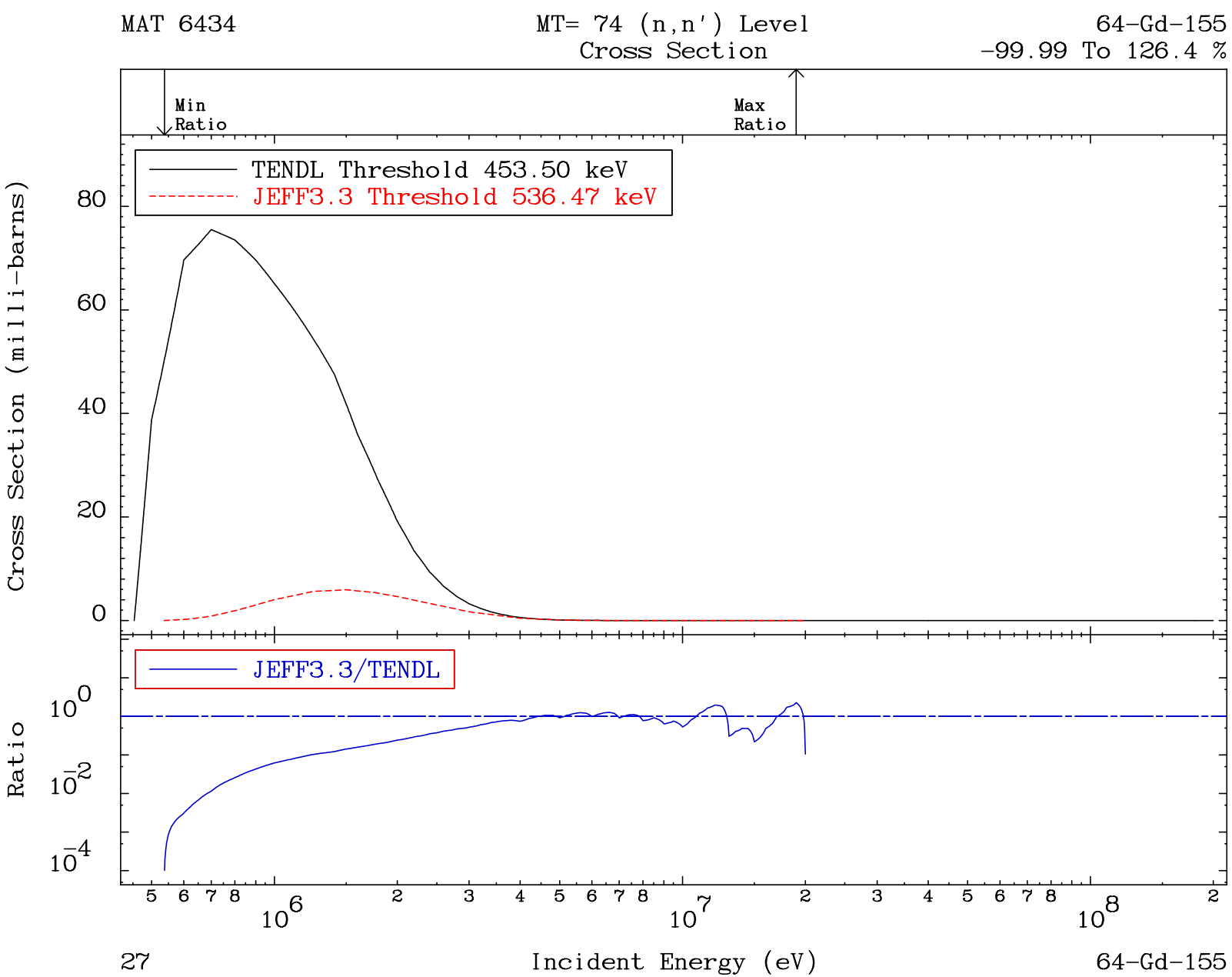

MAT 6434
MT= 69 (n,n') Level
Cross Section
64-Gd-155
-98.69 To 2480. %
Max
Ratio
Min
Ratio
TENDL Threshold 394.87 keV
JEFF3.3 Threshold 425.25 keV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^2
10^0
10^-2
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
64-Gd-155

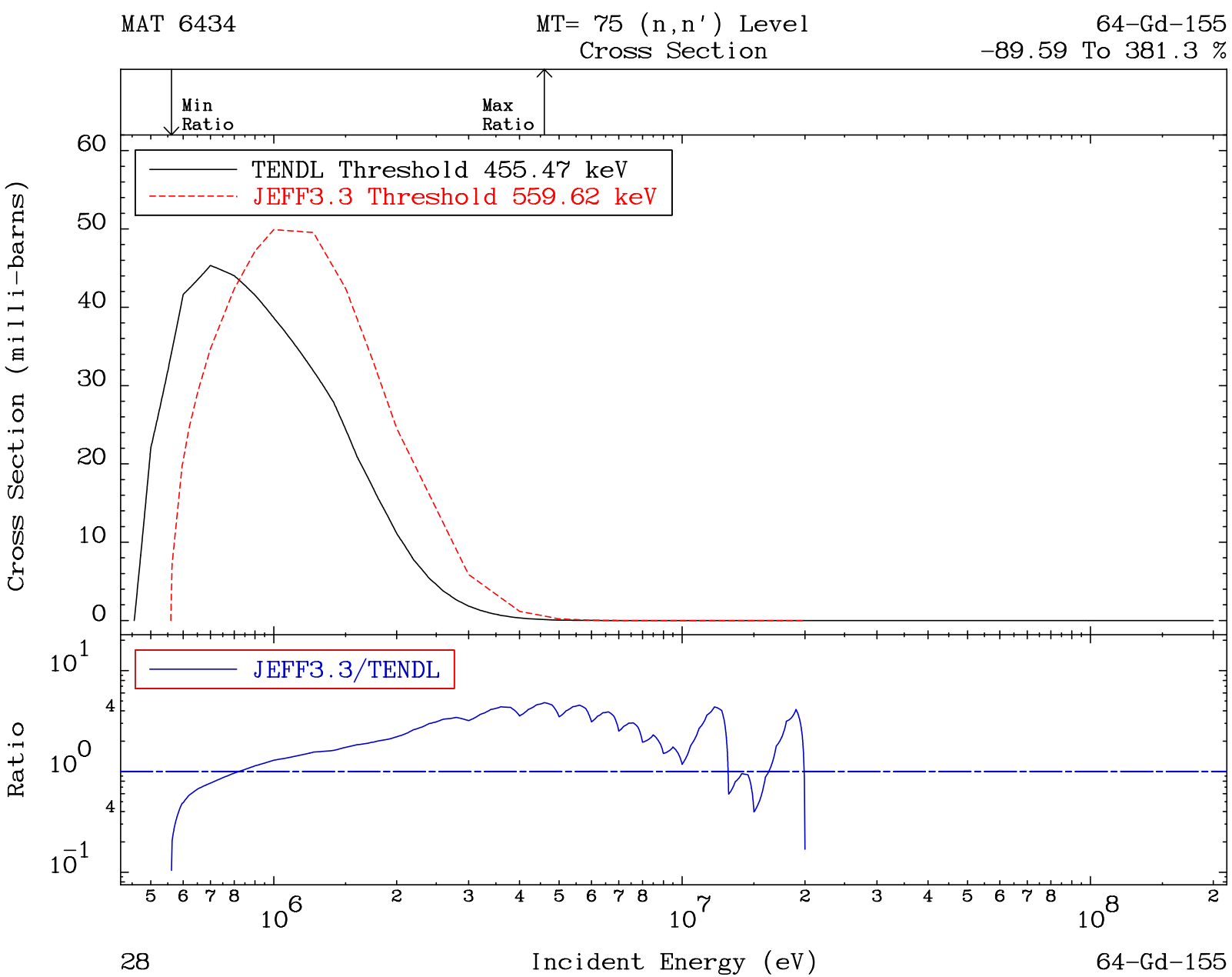

MAT 6434
MT= 70 (n,n') Level
Cross Section
64-Gd-155
-97.03 To 49.44 %
Max
Ratio
Min
Ratio
TENDL Threshold 396.09 keV
JEFF3.3 Threshold 429.98 keV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^0
10^{-1}
4
10^6
10^7
10^8
23
Incident Energy (eV)
64-Gd-155

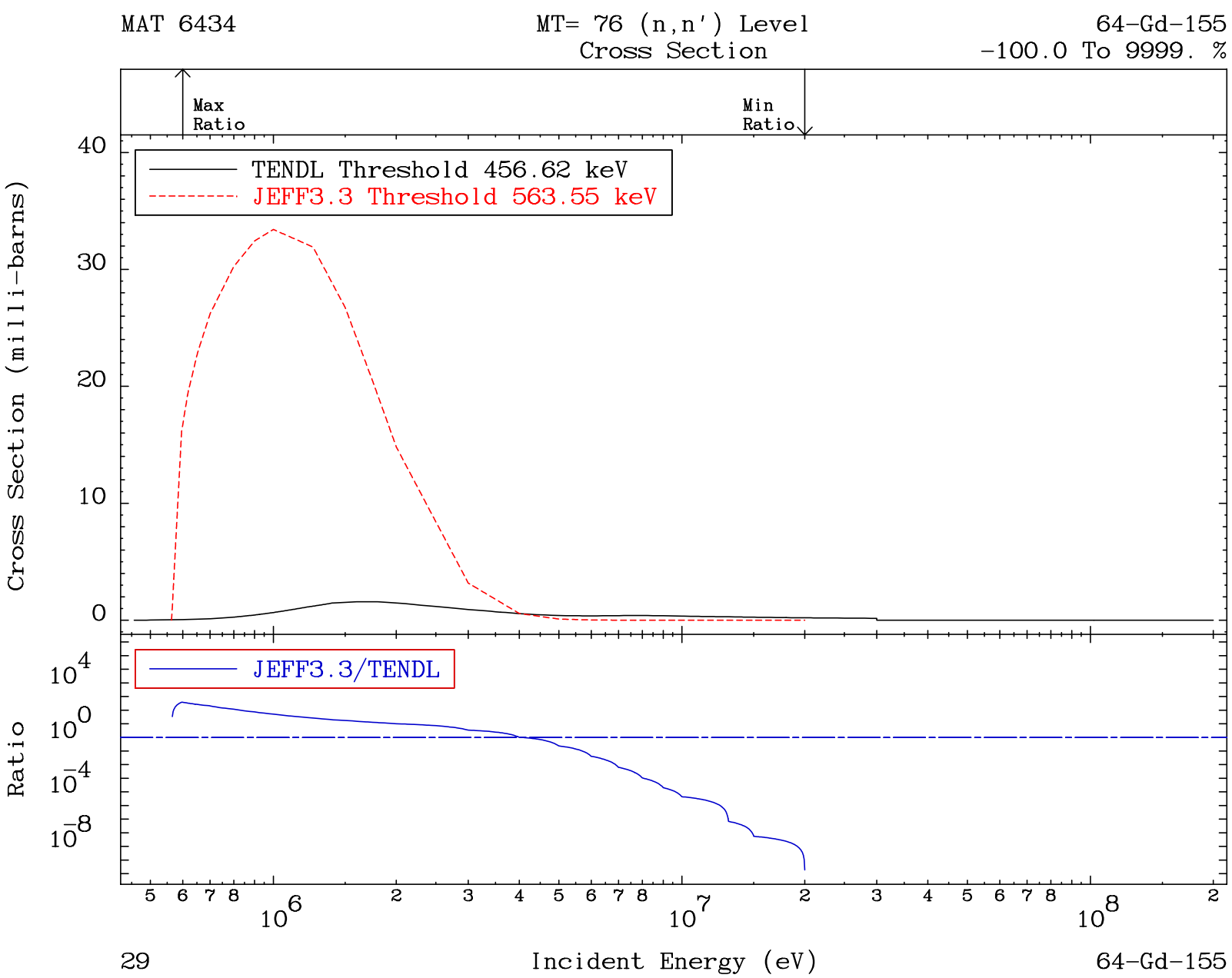

MAT 6434
MT= 71 (n,n') Level
Cross Section
64-Gd-155
-97.00 To 117.9 %
Max
Ratio
Min
Ratio
TENDL Threshold 426.17 keV
JEFF3.3 Threshold 454.24 keV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^0
10^-1
4
10^6
10^7
10^8
24
Incident Energy (eV)
64-Gd-155

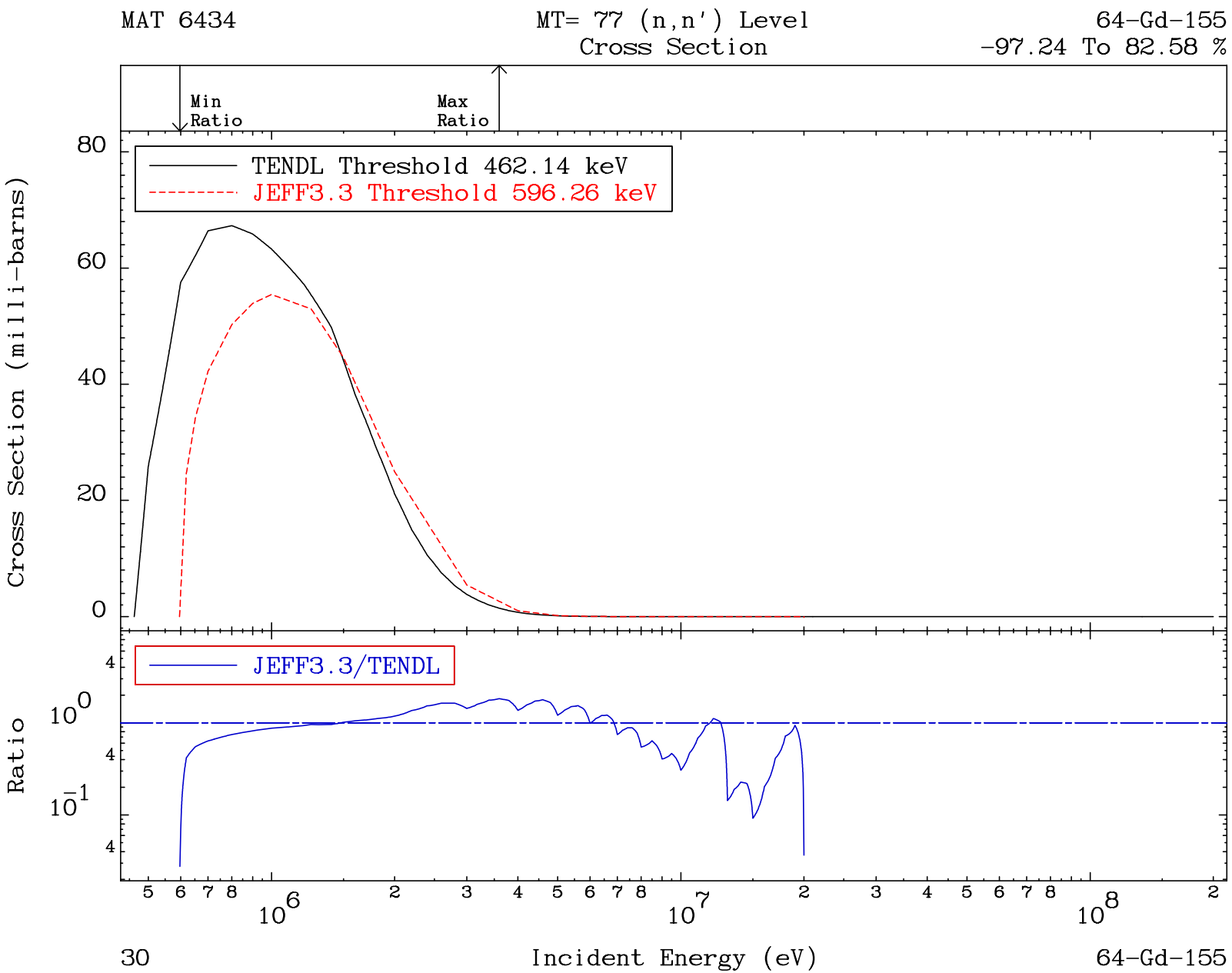

MAT 6434
MT= 72 (n,n') Level
Cross Section
64-Gd-155
-100.0 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 428.29 keV
JEFF3.3 Threshold 490.17 keV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^5
10^0
10^-5
10^-10
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
25
Incident Energy (eV)
64-Gd-155

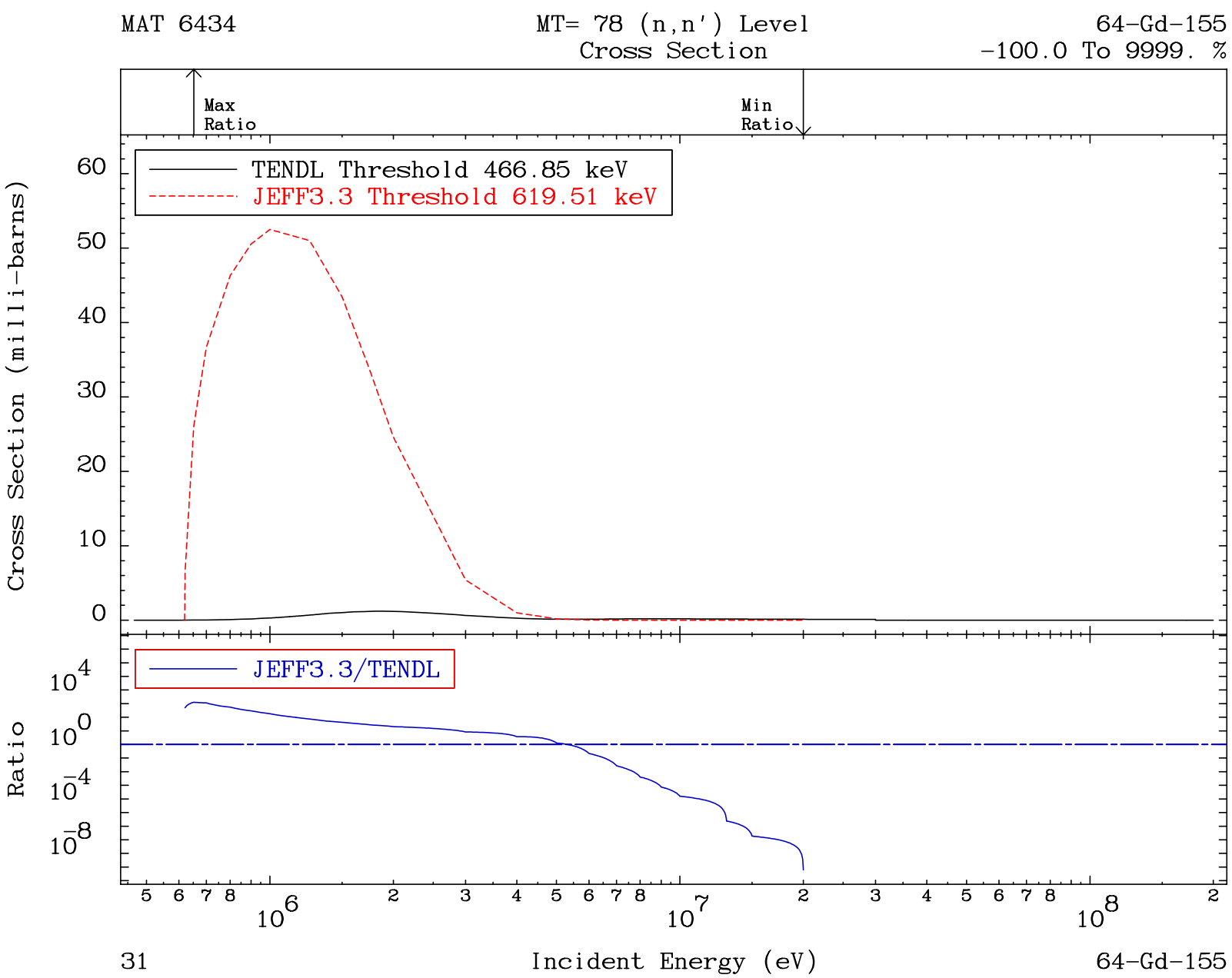

MAT 6434
MT= 73 (n,n') Level
Cross Section
64-Gd-155
-97.31 To 172.6 %
Min
Ratio
Max
Ratio
TENDL Threshold 430.02 keV
JEFF3.3 Threshold 491.98 keV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^{0}
10^{-1}
4 5 6 7 8 10^{6} 2 3 4 5 6 7 8 10^{7} 2 3 4 5 6 7 8 10^{8} 2
26
Incident Energy (eV)
64-Gd-155

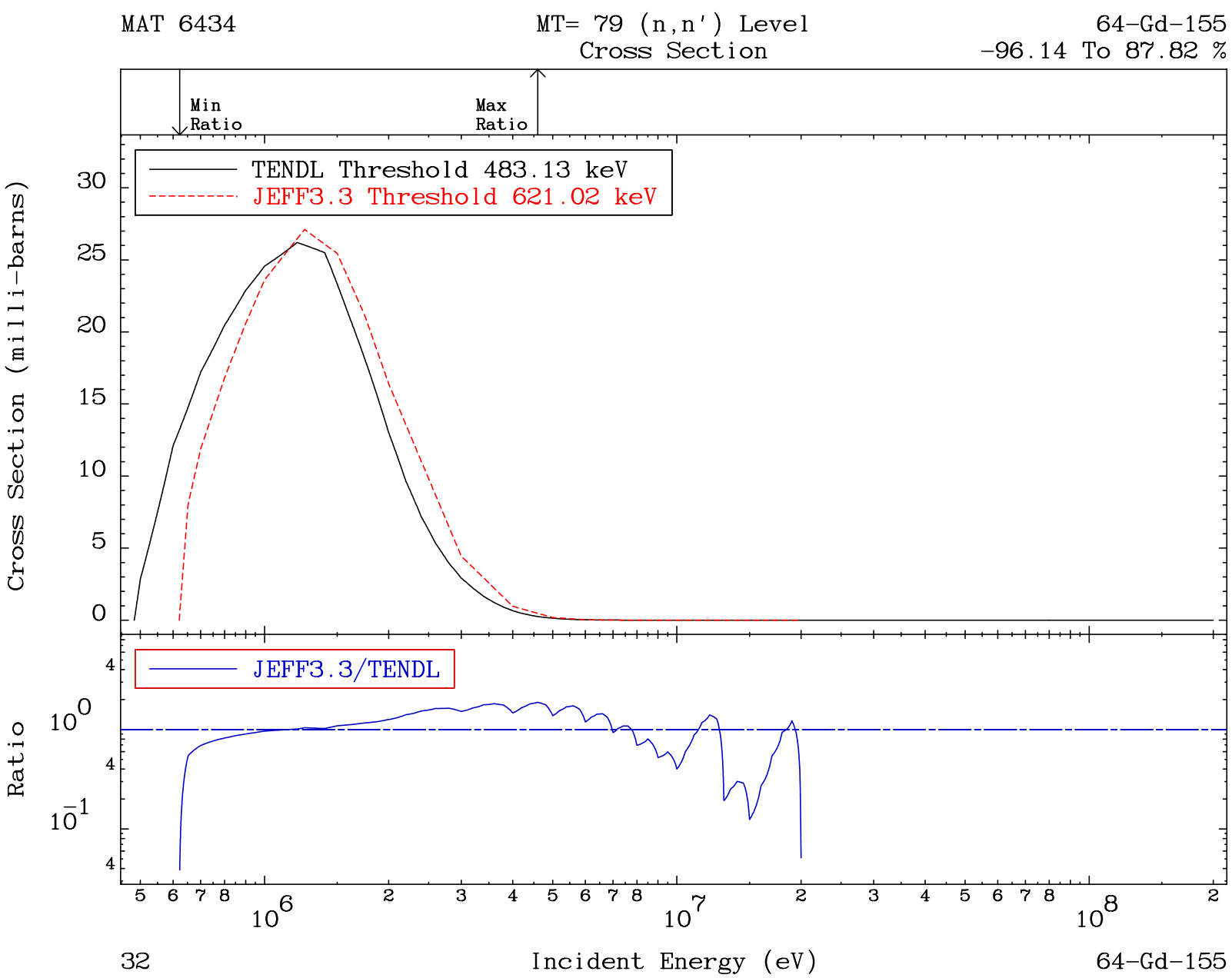

MAT 6434
MT= 74 (n,n') Level
Cross Section
64-Gd-155
-99.99 To 126.4 %
Min
Ratio
Max
Ratio
TENDL Threshold 453.50 keV
JEFF3.3 Threshold 536.47 keV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^0
10^-2
10^-4
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
27
Incident Energy (eV)
64-Gd-155

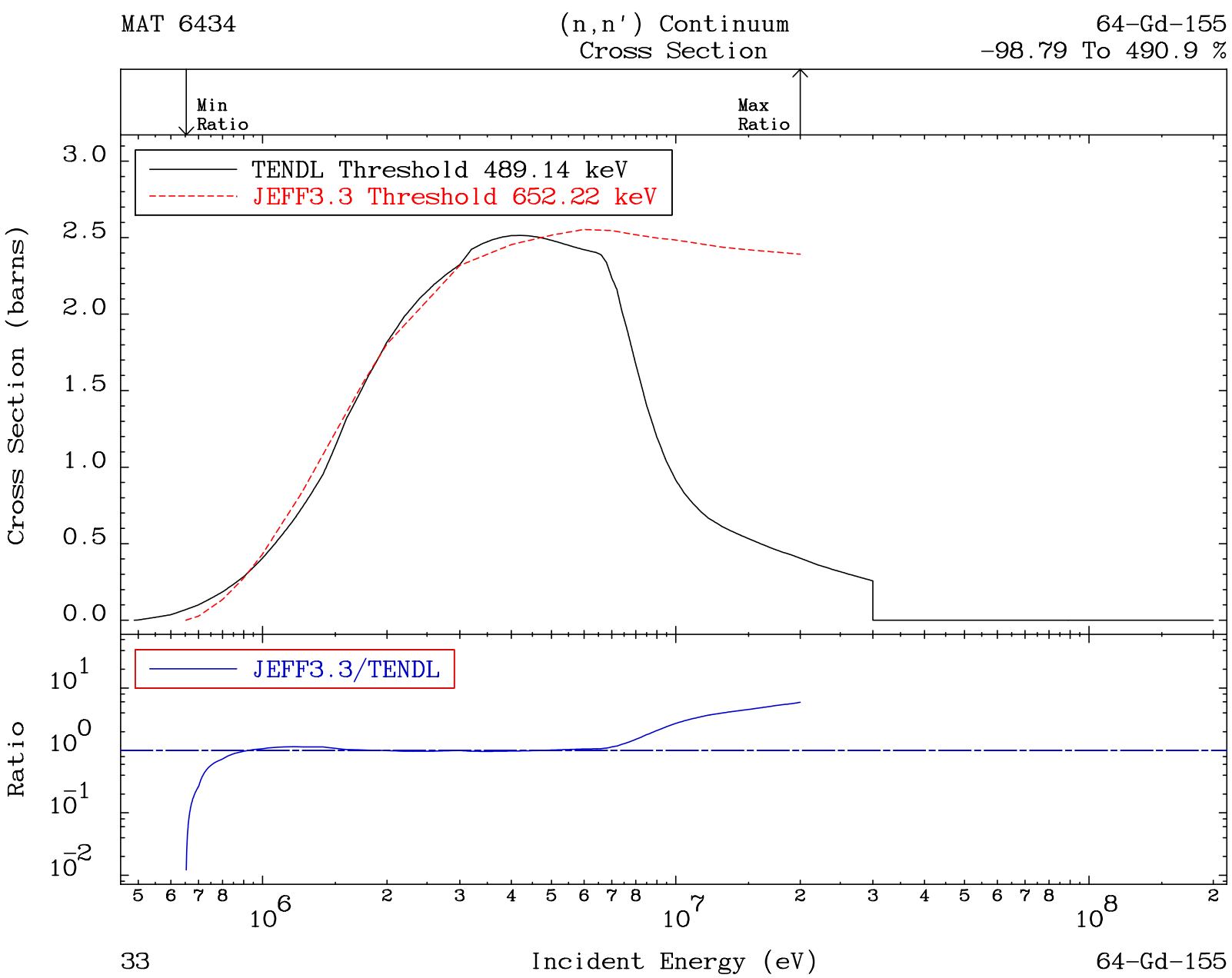

MAT 6434
MT= 75 (n,n') Level
Cross Section
64-Gd-155
-89.59 To 381.3 %
Min
Ratio
Max
Ratio
TENDL Threshold 455.47 keV
JEFF3.3 Threshold 559.62 keV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
28
64-Gd-155

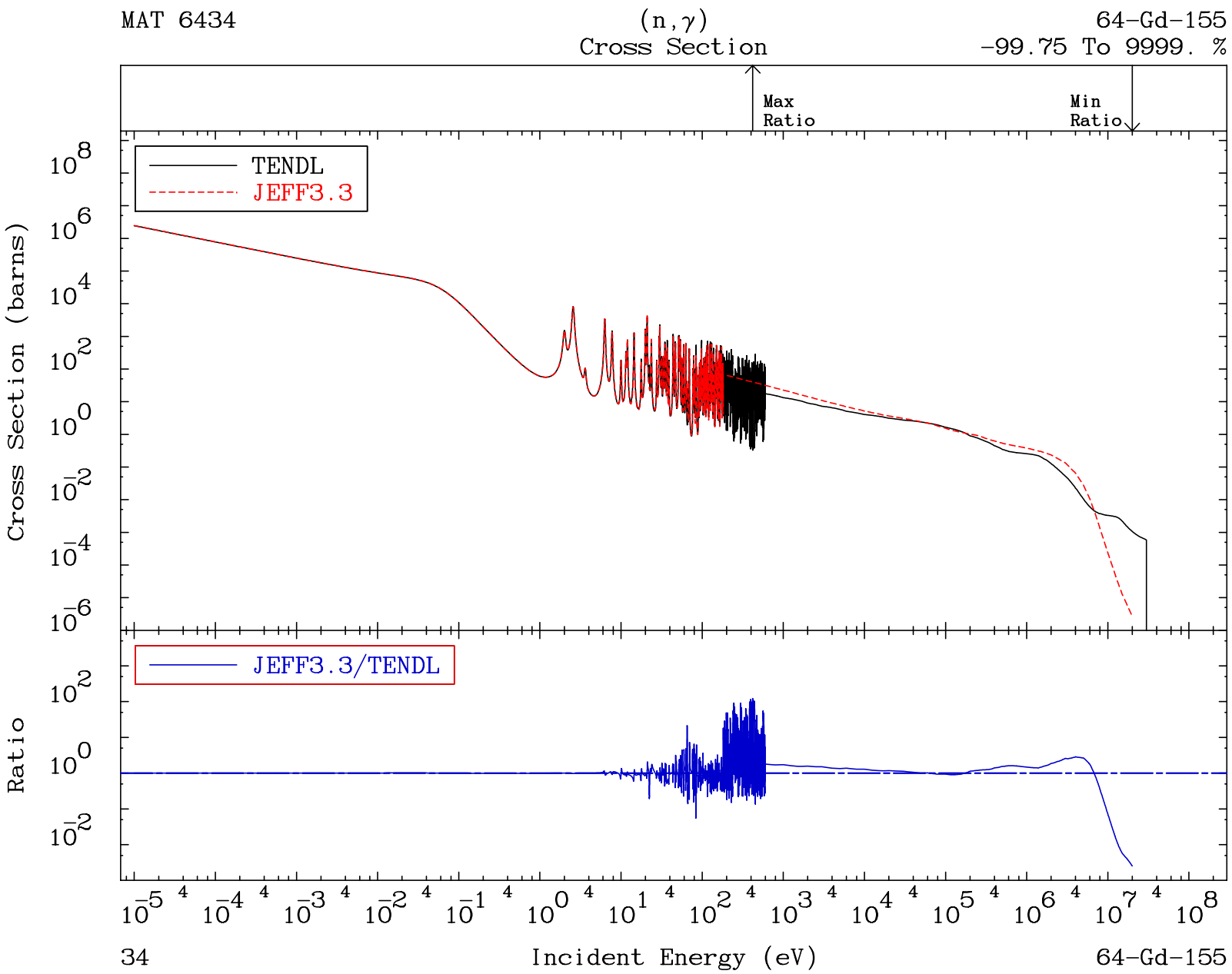

MAT 6434
MT= 76 (n,n') Level
Cross Section
64-Gd-155
-100.0 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 456.62 keV
JEFF3.3 Threshold 563.55 keV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^4
10^0
10^-4
10^-8
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
29
Incident Energy (eV)
64-Gd-155

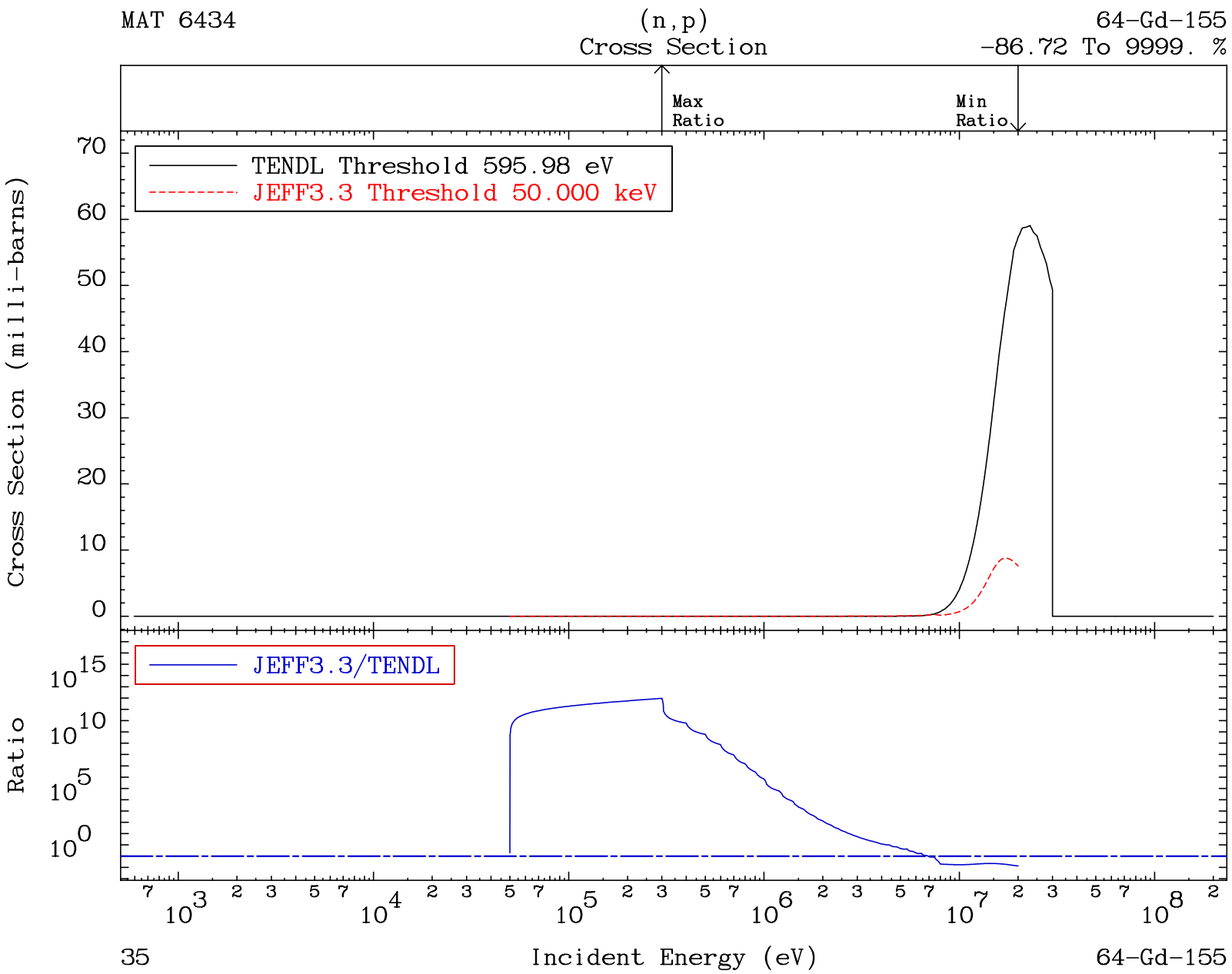

MAT 6434
MT= 77 (n,n') Level
Cross Section
64-Gd-155
-97.24 To 82.58 %
Min Ratio
Max Ratio
TENDL Threshold 462.14 keV
JEFF3.3 Threshold 596.26 keV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
30
64-Gd-155

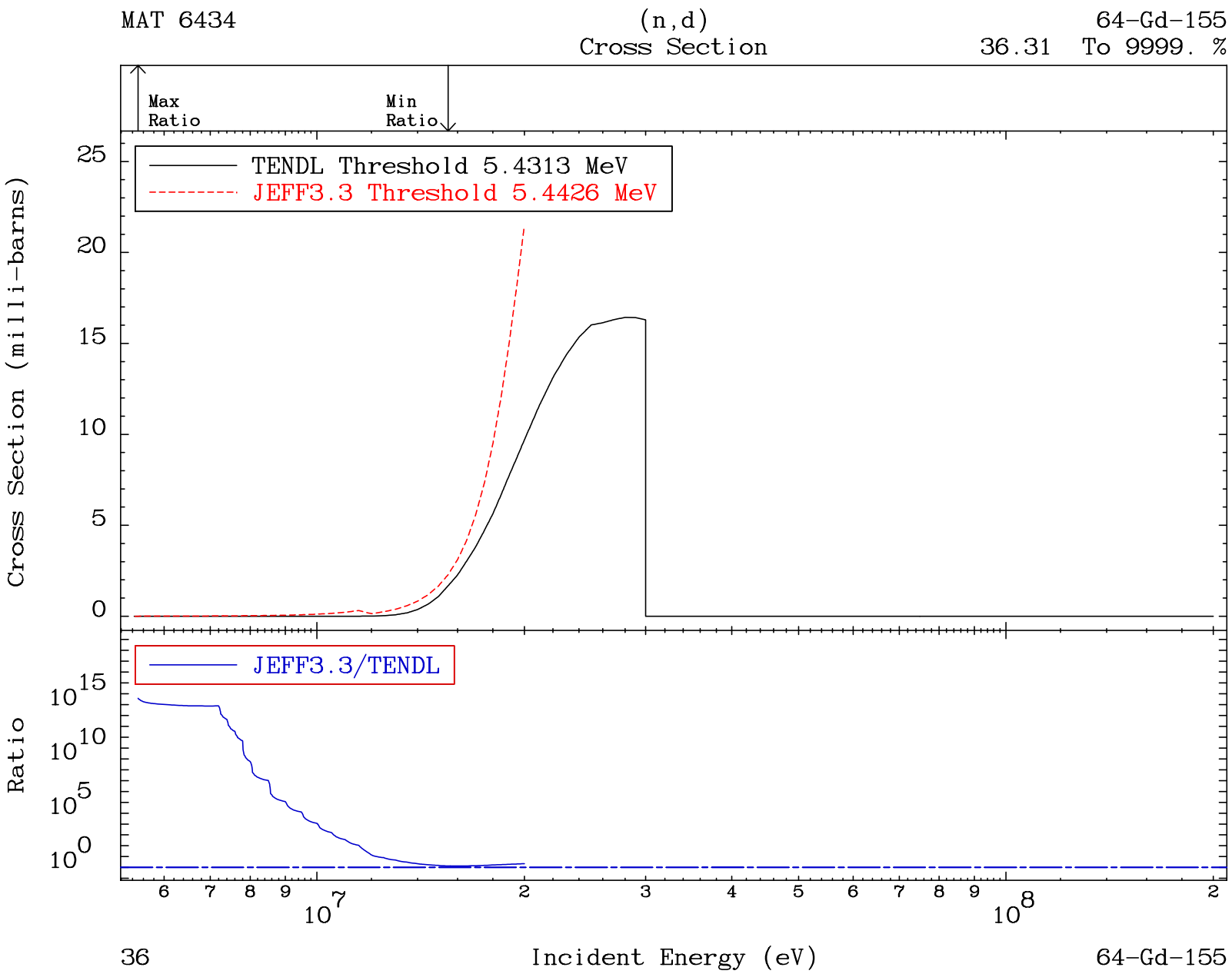

MAT 6434
MT= 78 (n,n') Level
Cross Section
64-Gd-155
-100.0 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 466.85 keV
JEFF3.3 Threshold 619.51 keV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^4
10^0
10^-4
10^-8
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
31
Incident Energy (eV)
64-Gd-155

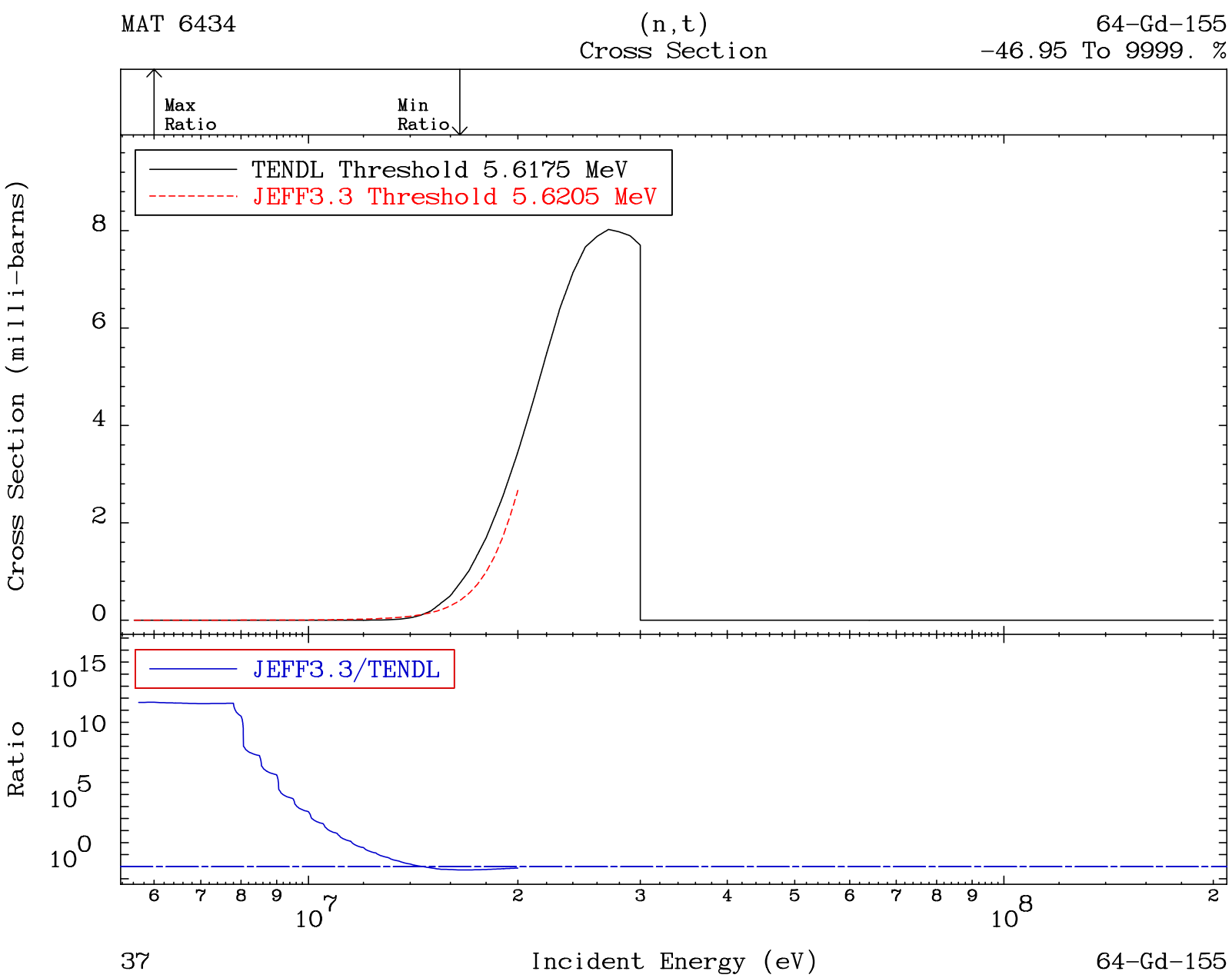

MAT 6434
MT= 79 (n,n') Level
Cross Section
64-Gd-155
-96.14 To 87.82 %
Min
Ratio
Max
Ratio
TENDL Threshold 483.13 keV
JEFF3.3 Threshold 621.02 keV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
32
64-Gd-155

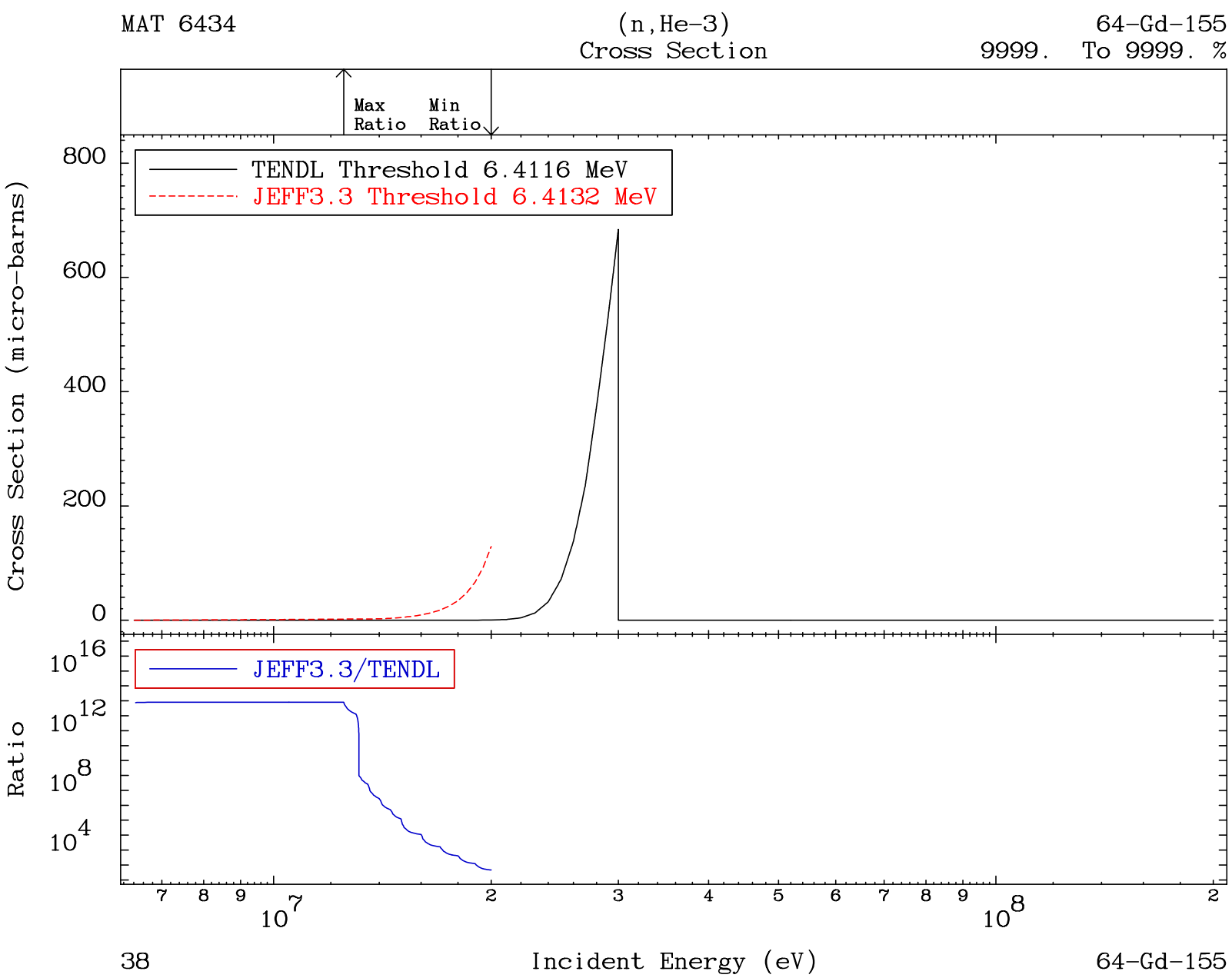

MAT 6434
(n,n') Continuum
Cross Section
64-Gd-155
-98.79 To 490.9 %
Min
Ratio
Max
Ratio
TENDL Threshold 489.14 keV
JEFF3.3 Threshold 652.22 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
10^-2
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
33
Incident Energy (eV)
64-Gd-155

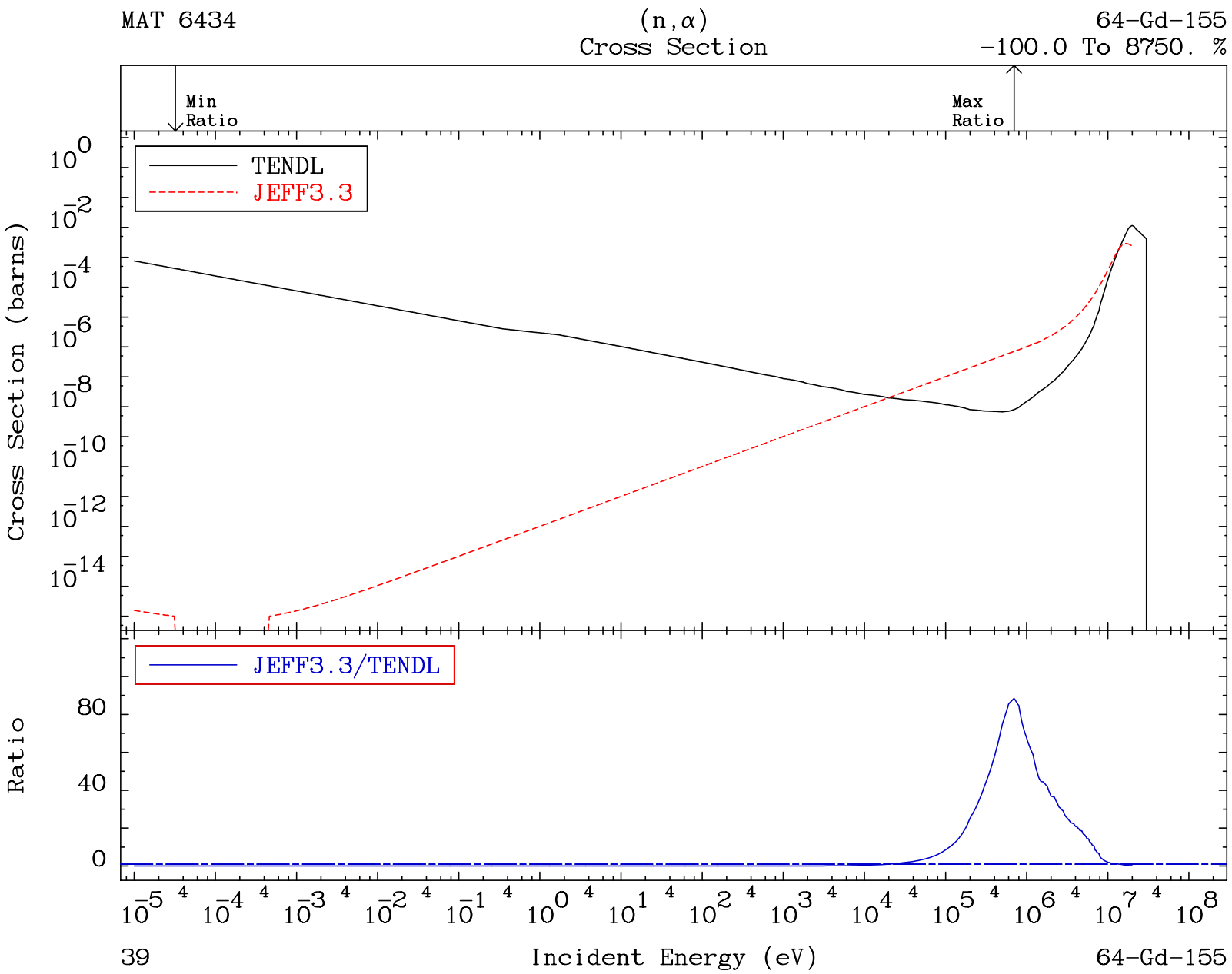

MAT 6434
(n,γ)
Cross Section
64-Gd-155
-99.75 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
34
64-Gd-155

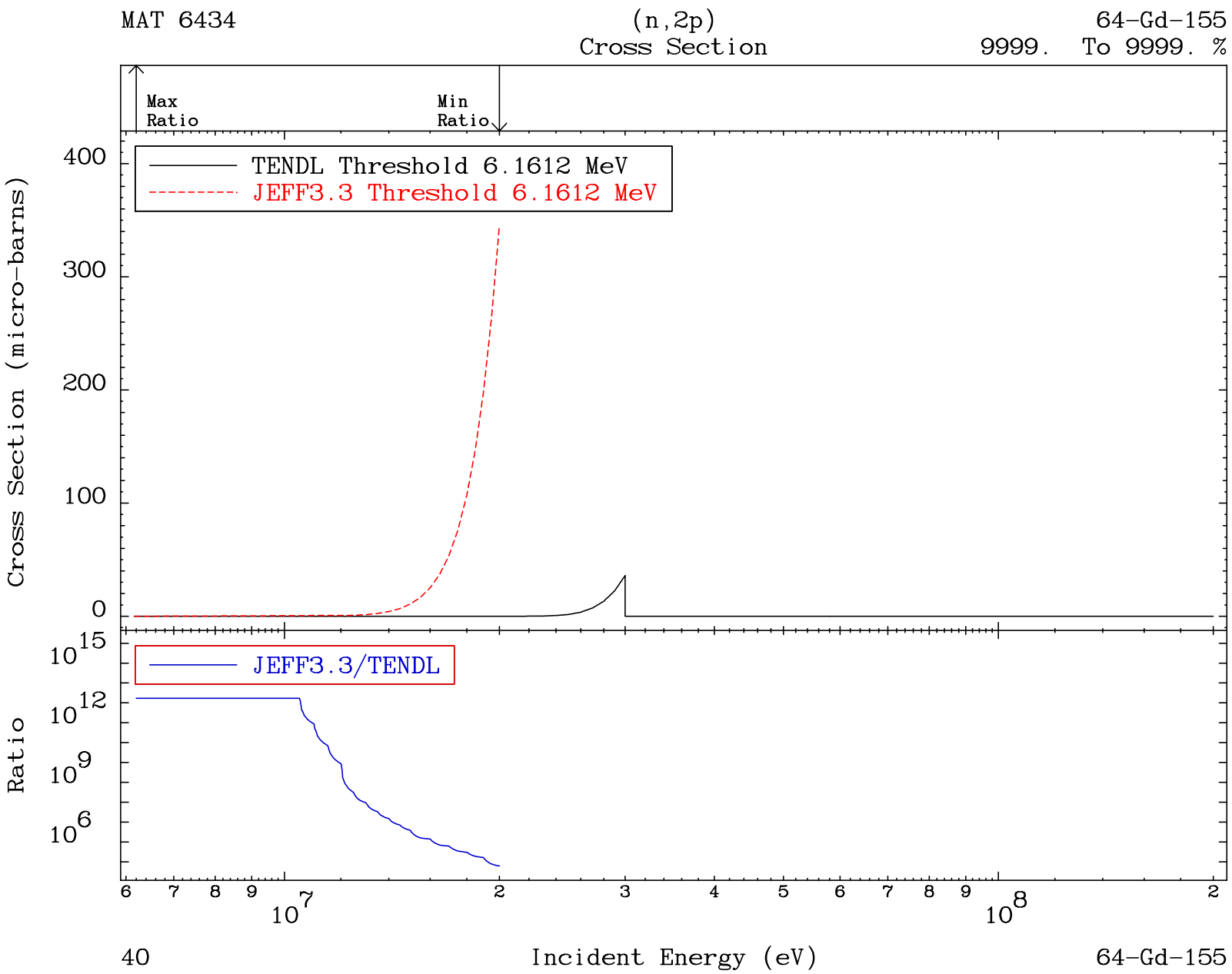

MAT 6434
(n,p)
Cross Section
64-Gd-155
-86.72 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 595.98 eV
JEFF3.3 Threshold 50.000 keV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
35
64-Gd-155

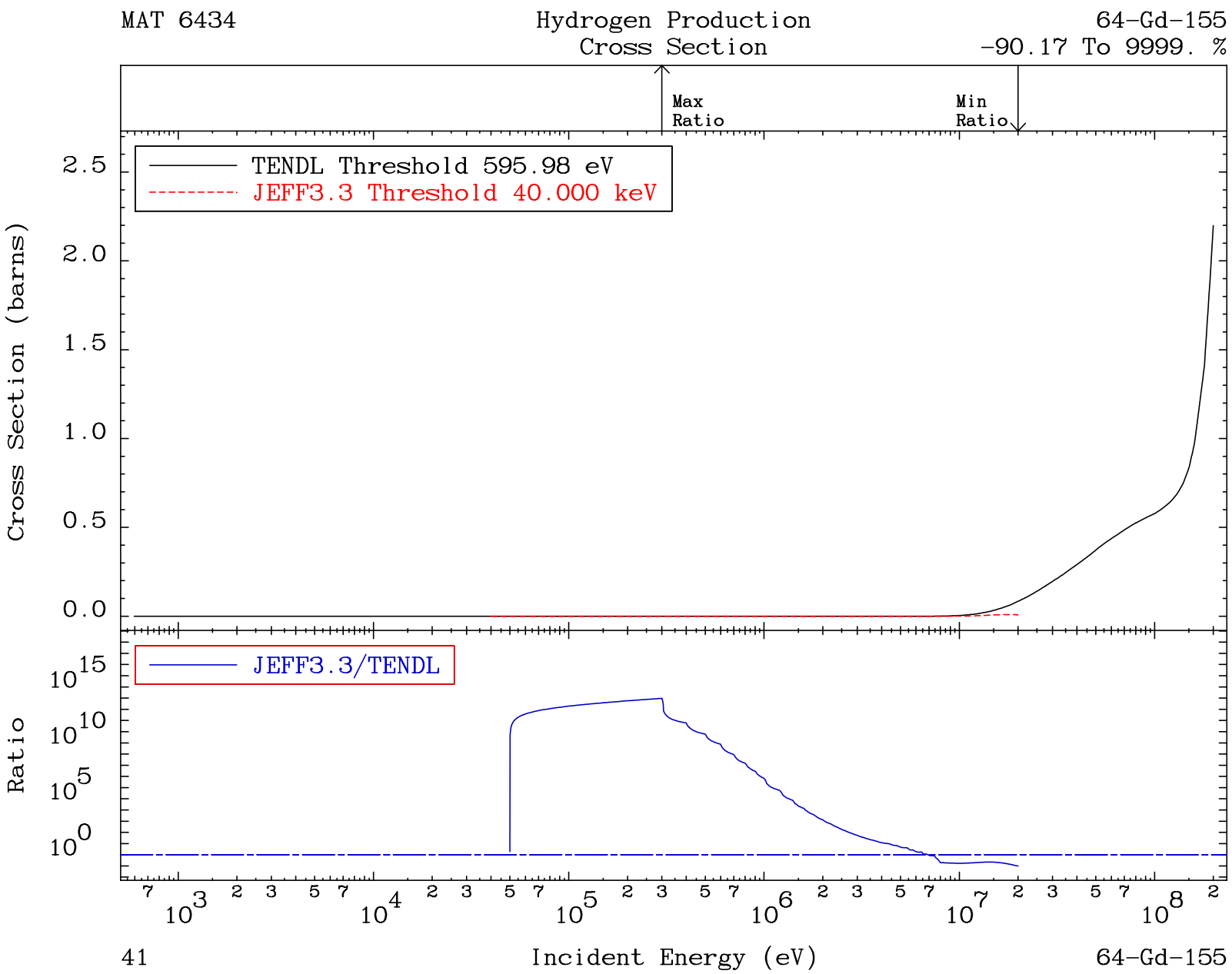

MAT 6434
(n,d)
Cross Section
64-Gd-155
36.31 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.4313 MeV
JEFF3.3 Threshold 5.4426 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^15
10^10
10^5
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
36
Incident Energy (eV)
64-Gd-155

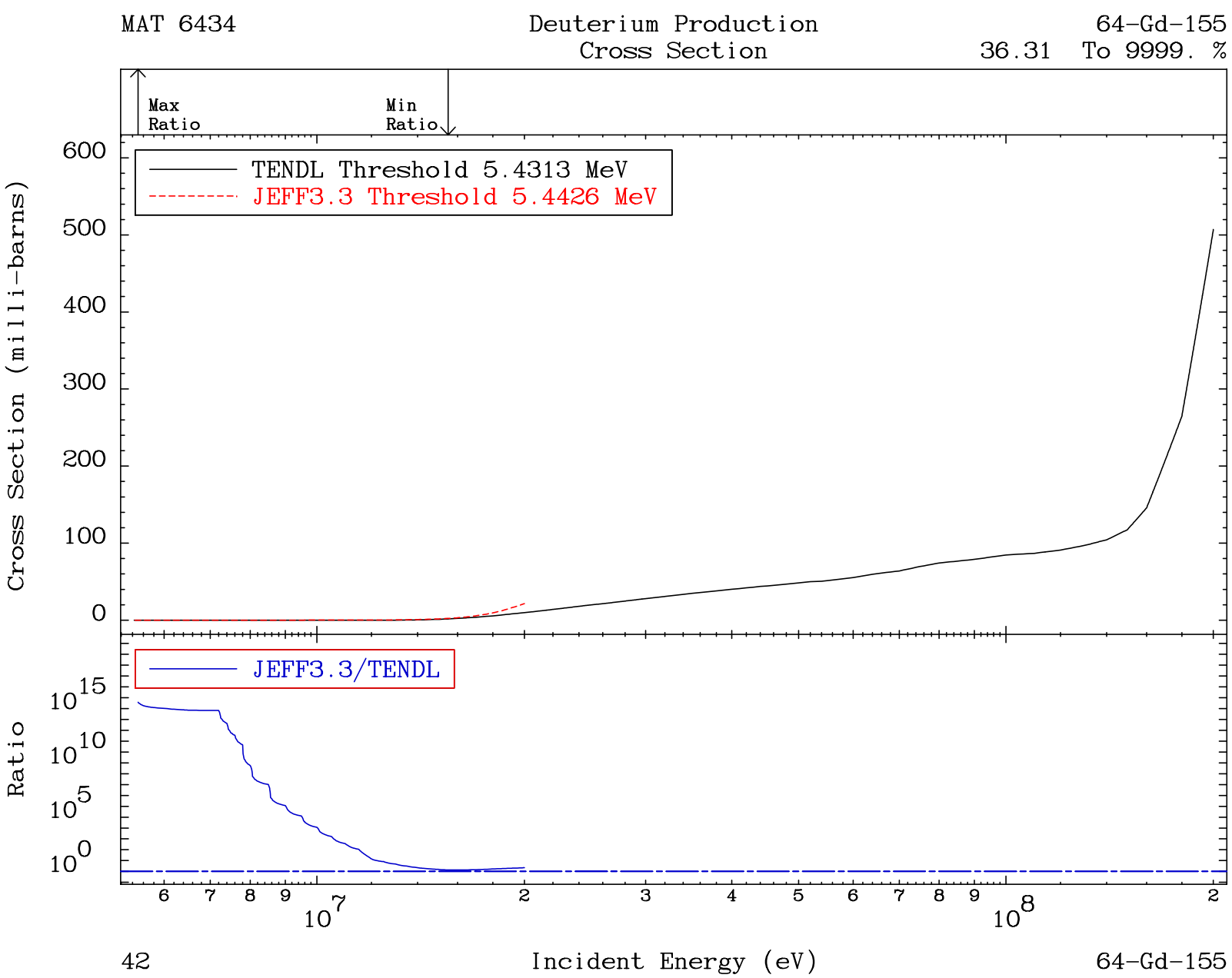

MAT 6434
(n,t)
Cross Section
64-Gd-155
-46.95 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.6175 MeV
JEFF3.3 Threshold 5.6205 MeV
Cross Section (milli-barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
10^{15}
10^{10}
10^{5}
10^{0}
6 7 8 9 10^{7} 2 3 4 5 6 7 8 9 10^{8} 2
37
Incident Energy (eV)
64-Gd-155

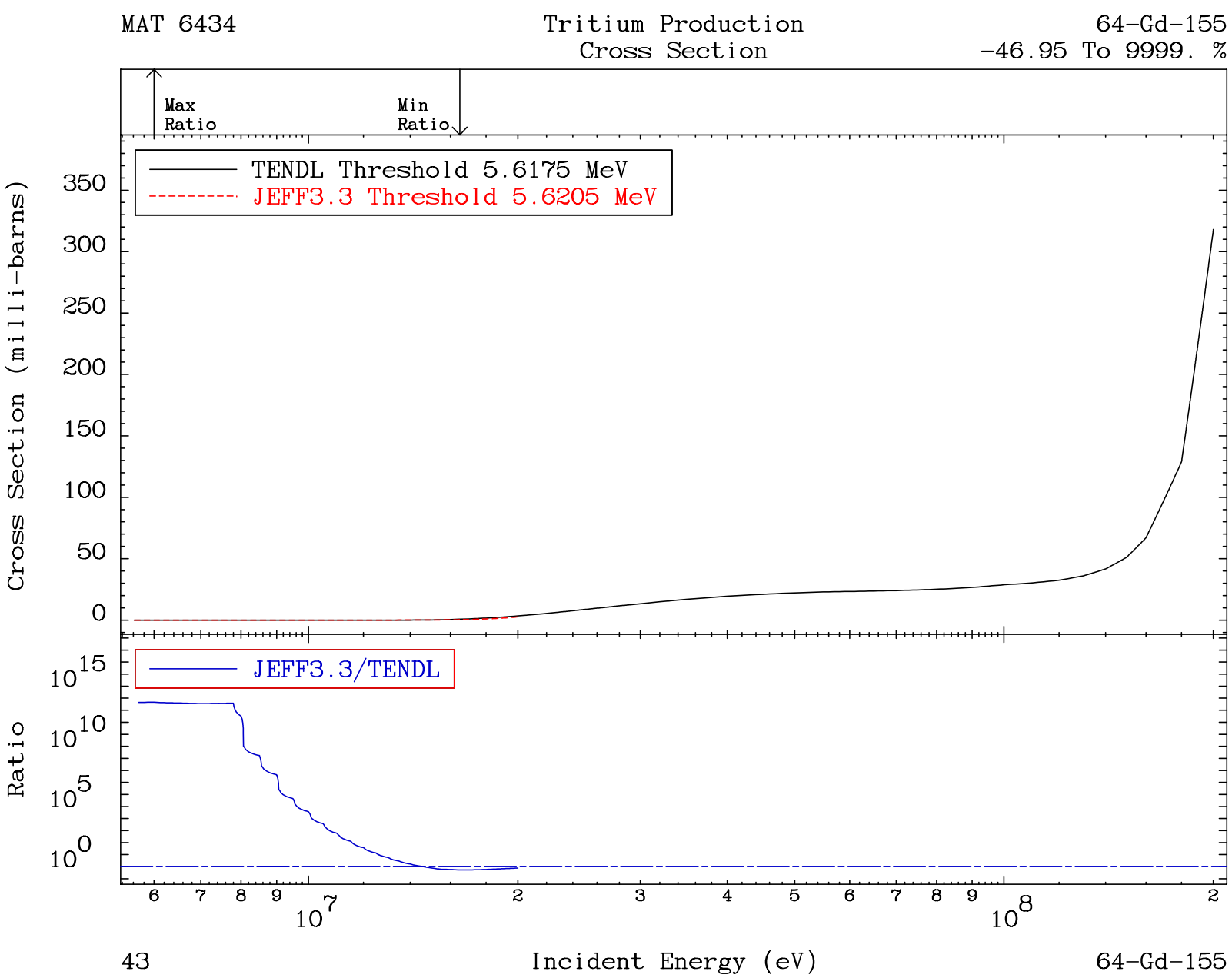

MAT 6434
(n,He-3)
Cross Section
64-Gd-155
9999. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 6.4116 MeV
JEFF3.3 Threshold 6.4132 MeV
Cross Section (micro-barns)
800
600
400
200
0
JEFF3.3/TENDL
Ratio
10^16
10^12
10^8
10^4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
38
Incident Energy (eV)
64-Gd-155

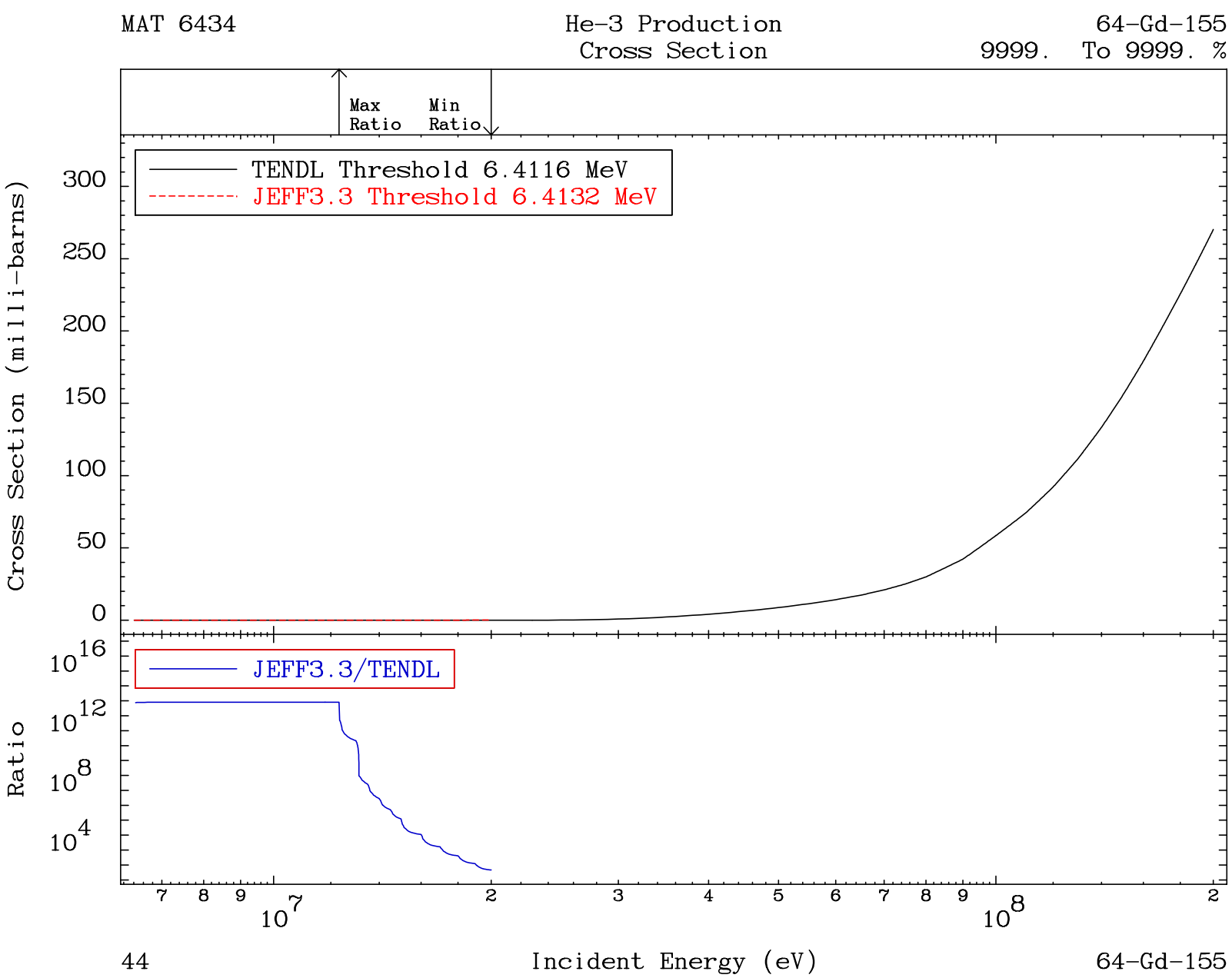

MAT 6434
(n,α)
Cross Section
64-Gd-155
-100.0 To 8750. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
39
64-Gd-155

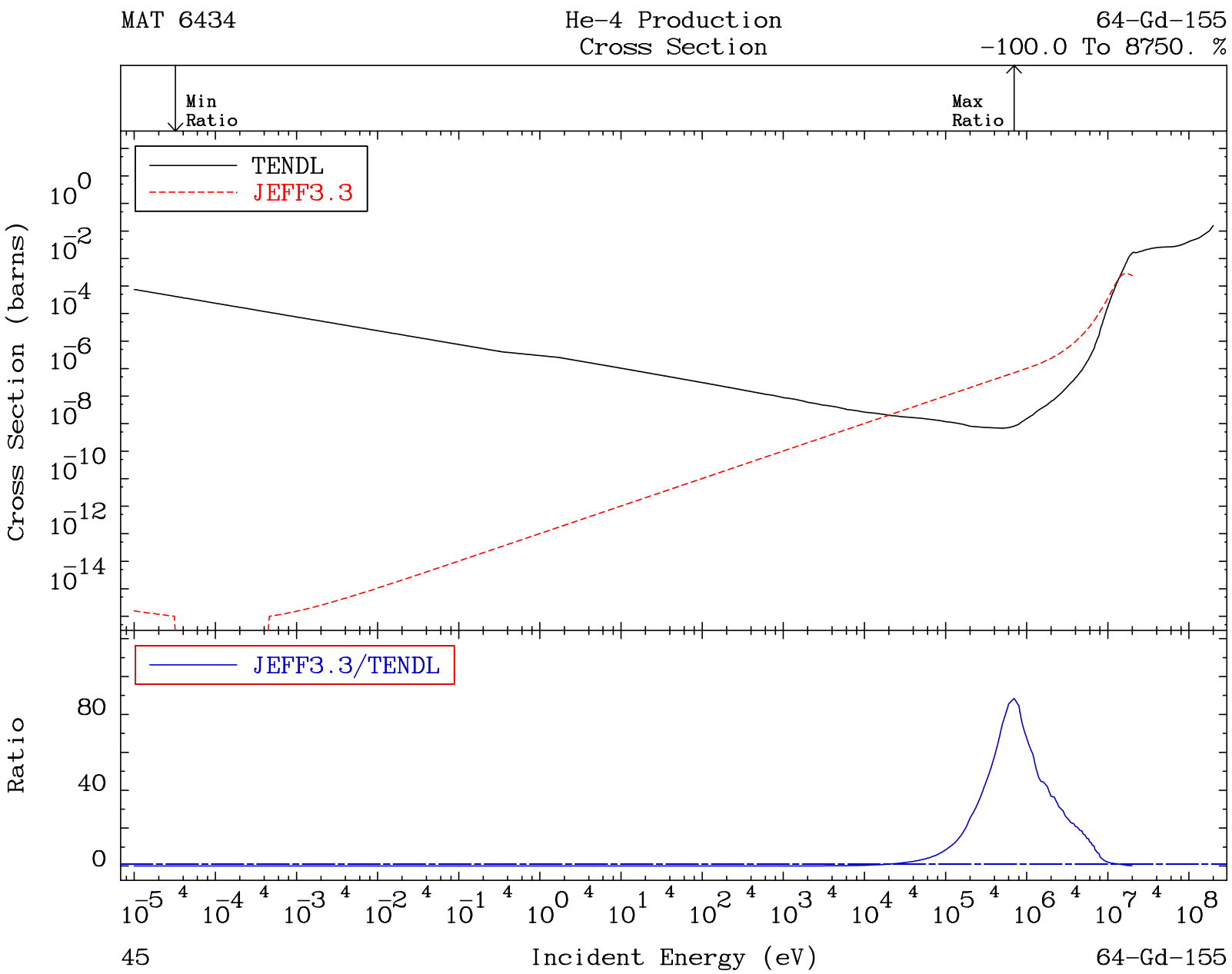

MAT 6434
(n,2p)
Cross Section
64-Gd-155
9999. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 6.1612 MeV
JEFF3.3 Threshold 6.1612 MeV
Cross Section (micro-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^15
10^12
10^9
10^6
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
40
Incident Energy (eV)
64-Gd-155

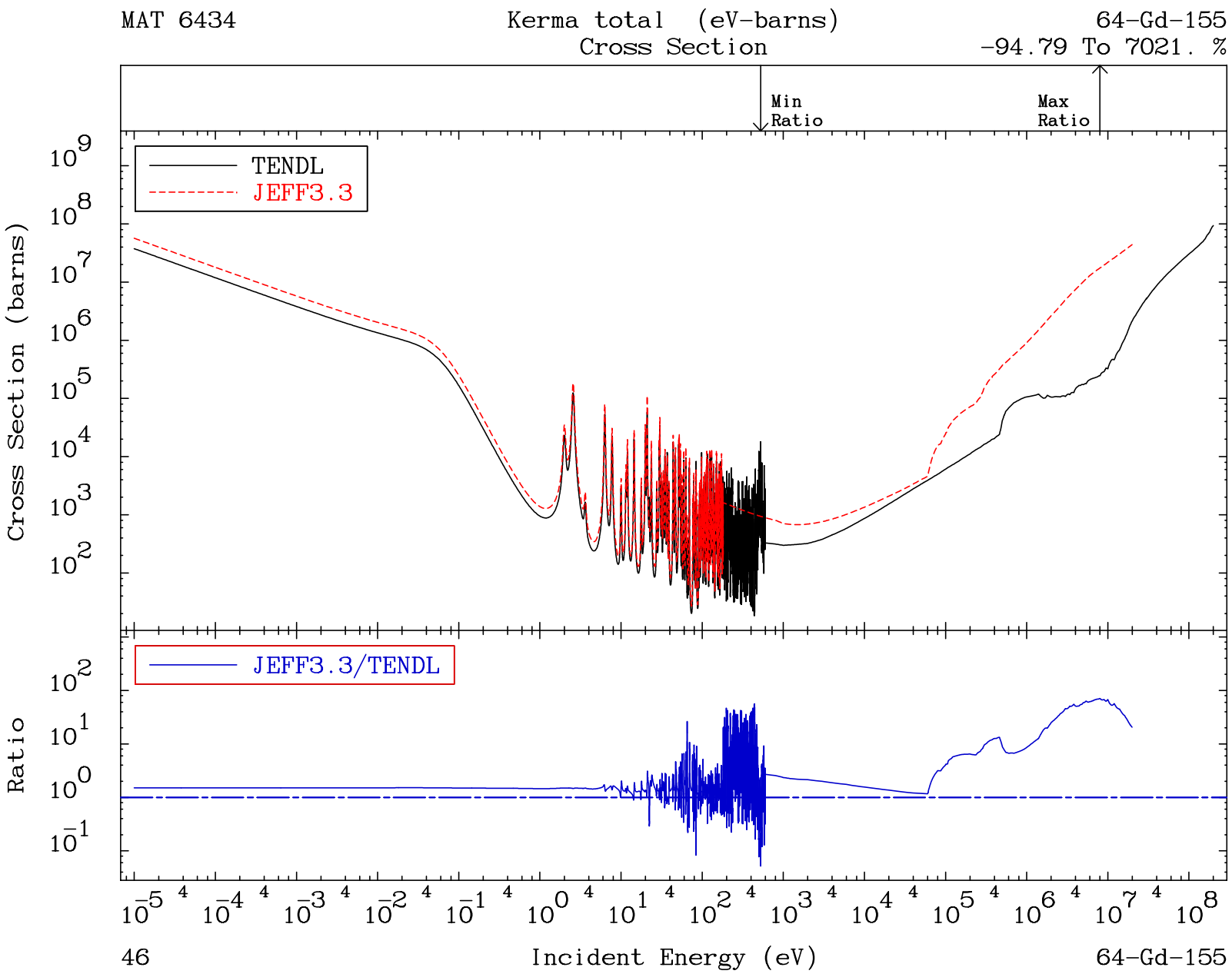

MAT 6434
Hydrogen Production
Cross Section
64-Gd-155
-90.17 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 595.98 eV
JEFF3.3 Threshold 40.000 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^15
10^10
10^5
10^0
10^3
10^4
10^5
10^6
10^7
10^8
41
Incident Energy (eV)
64-Gd-155

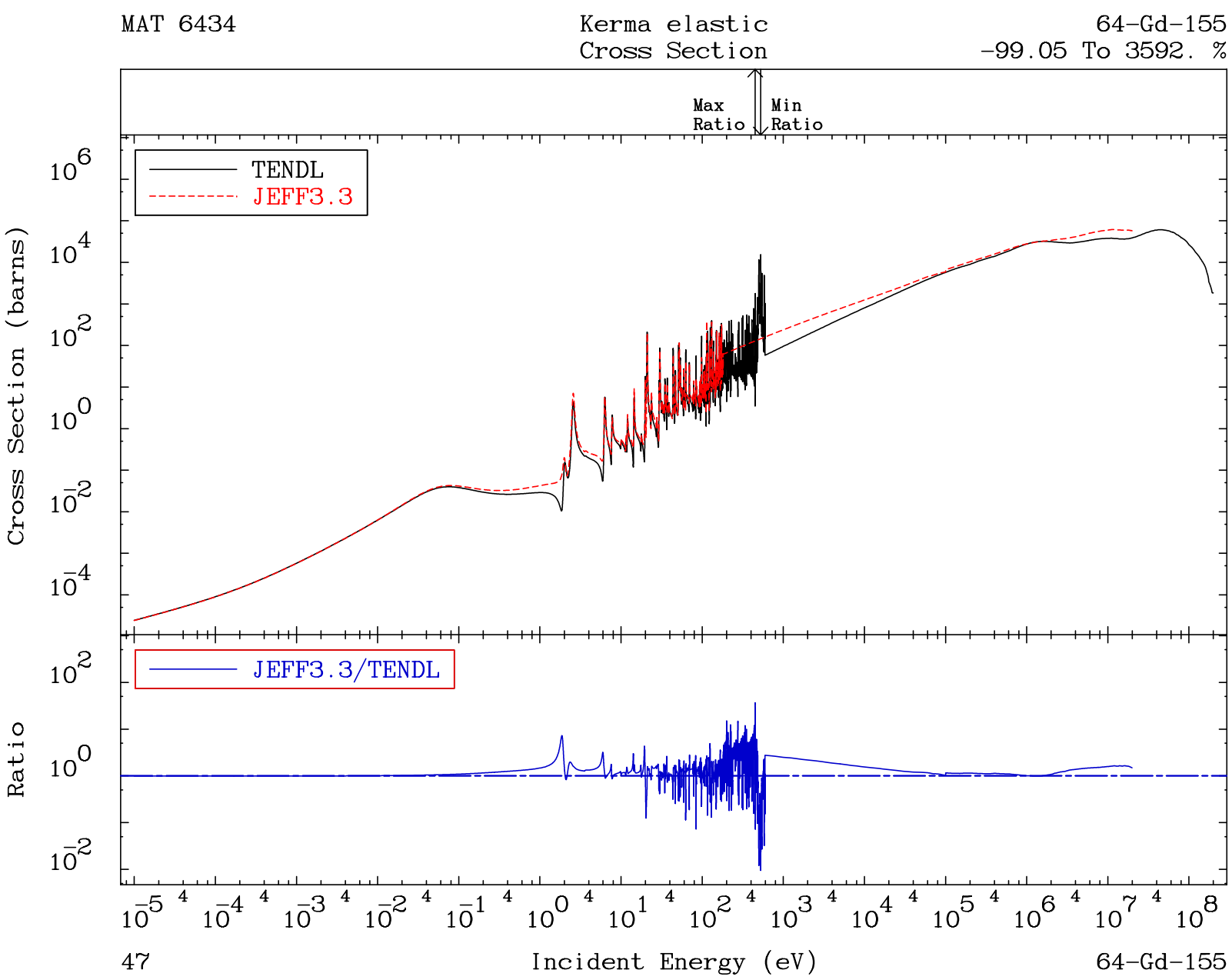

MAT 6434
Deuterium Production
Cross Section
64-Gd-155
36.31 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.4313 MeV
JEFF3.3 Threshold 5.4426 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^15
10^10
10^5
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
42
Incident Energy (eV)
64-Gd-155

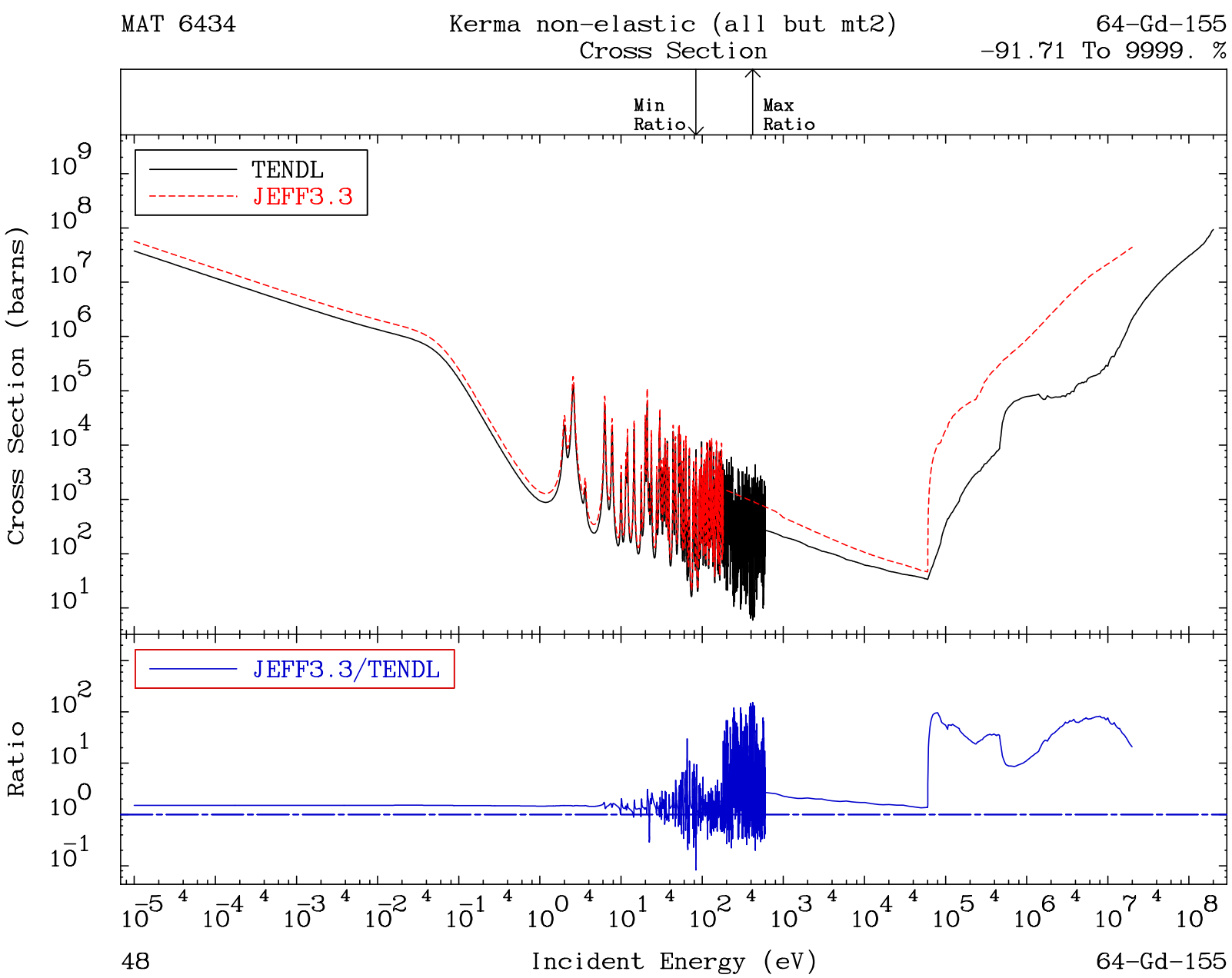

MAT 6434
Tritium Production
Cross Section
64-Gd-155
-46.95 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.6175 MeV
JEFF3.3 Threshold 5.6205 MeV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^15
10^10
10^5
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
43
Incident Energy (eV)
64-Gd-155

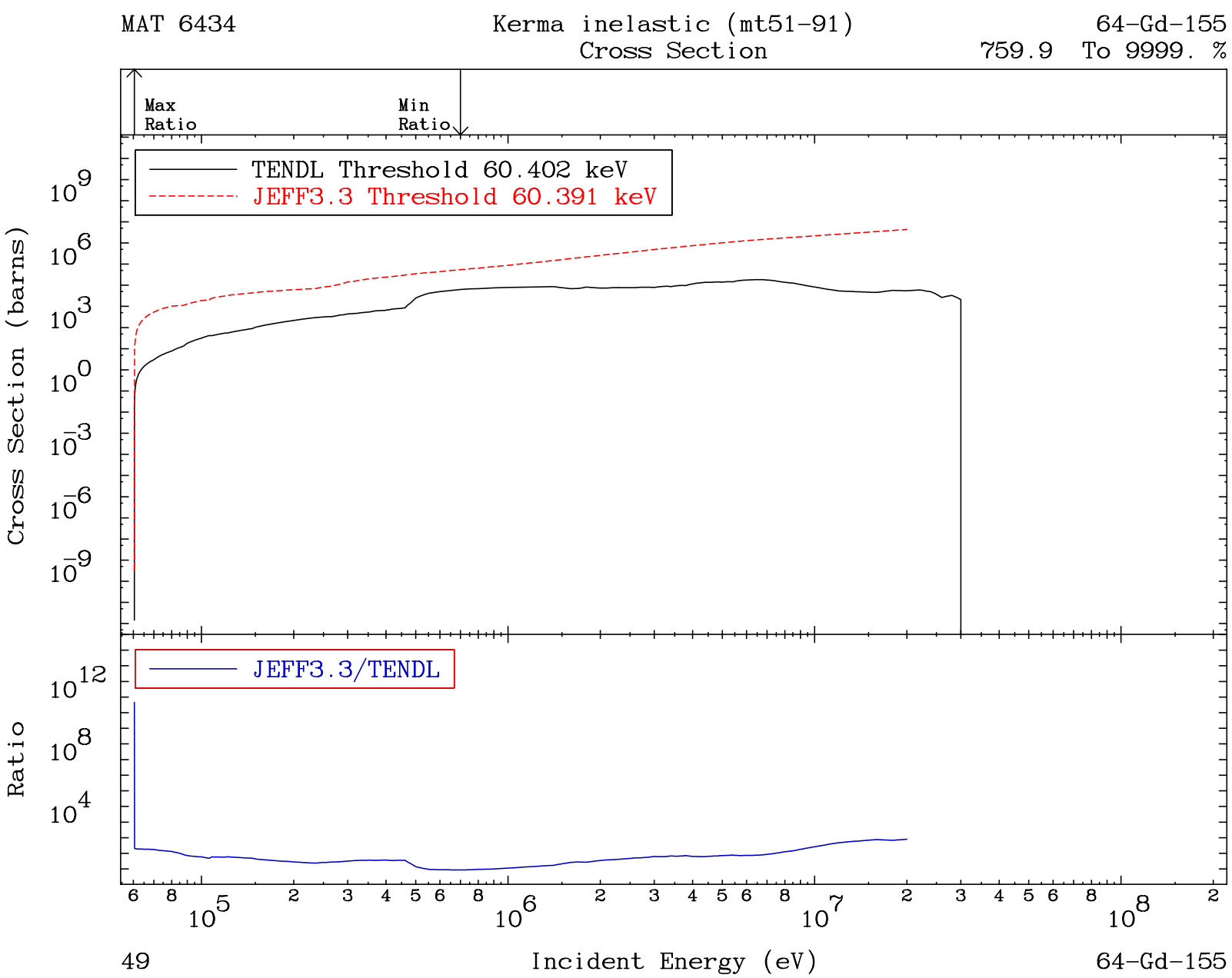

MAT 6434
He-3 Production
Cross Section
64-Gd-155
9999. To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 6.4116 MeV
JEFF3.3 Threshold 6.4132 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^16
10^12
10^8
10^4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
44
Incident Energy (eV)
64-Gd-155

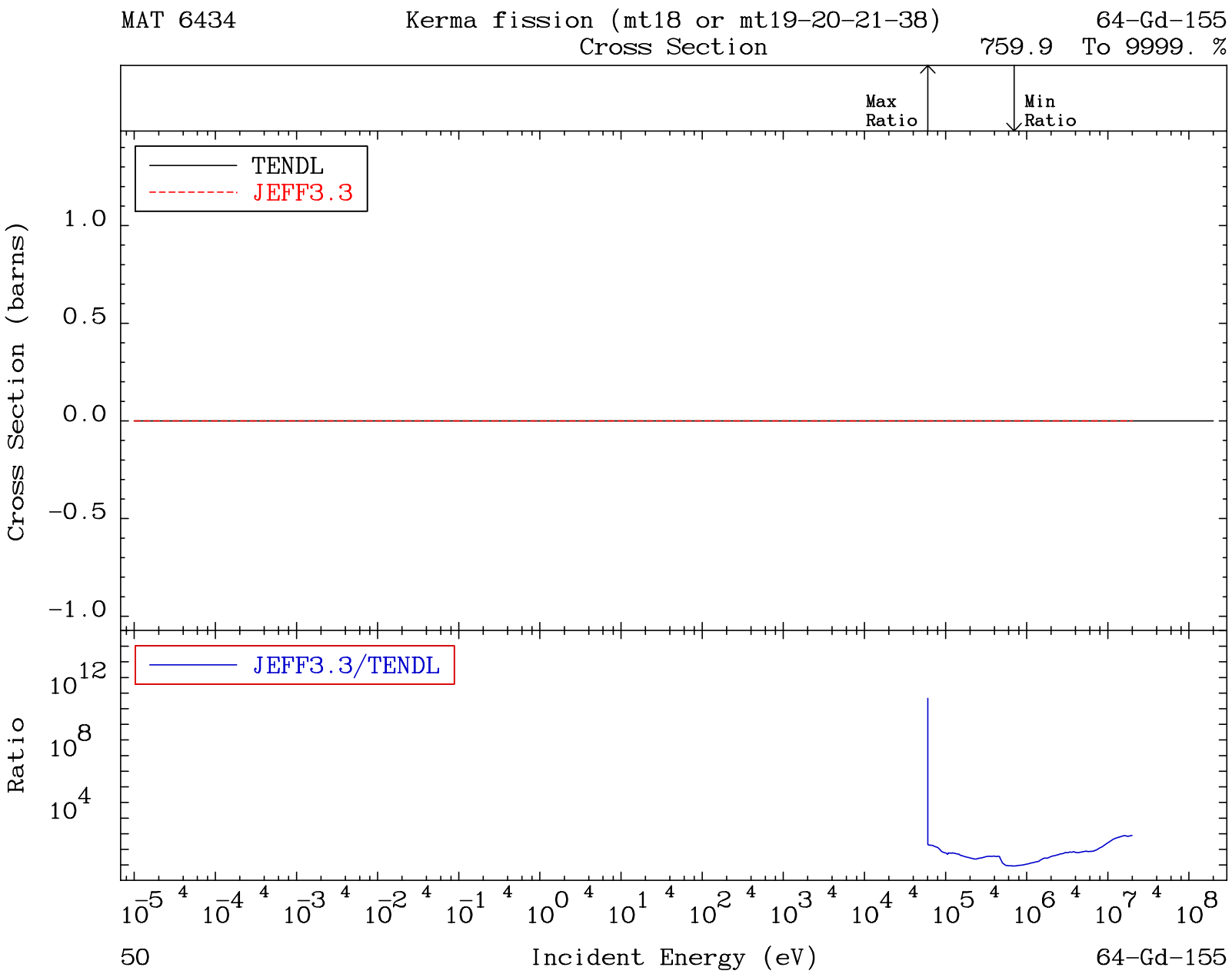

MAT 6434
He-4 Production
Cross Section
64-Gd-155
-100.0 To 8750. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
45
64-Gd-155

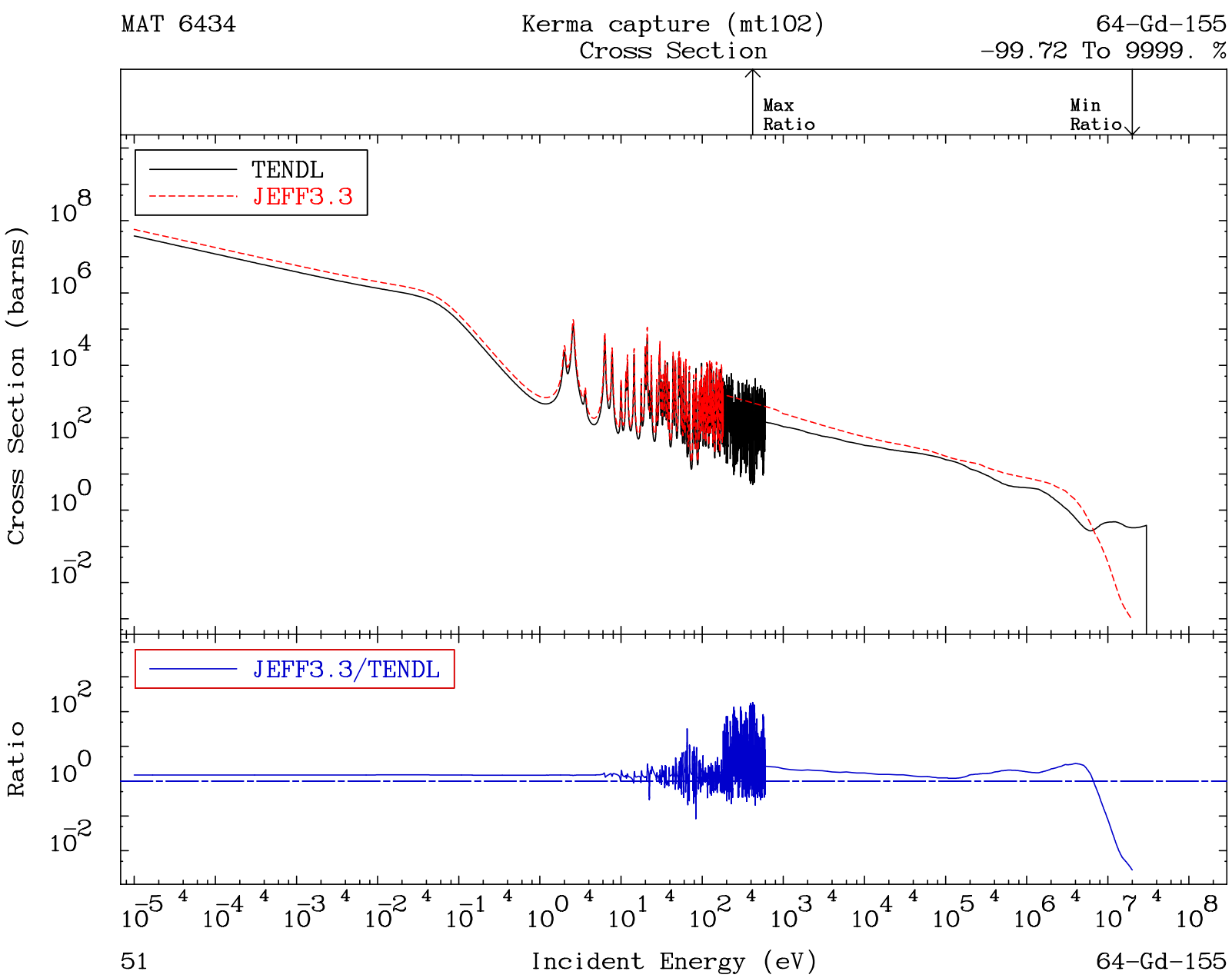

MAT 6434
Kerma total (eV-barns)
Cross Section
64-Gd-155
-94.79 To 7021. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
46
64-Gd-155

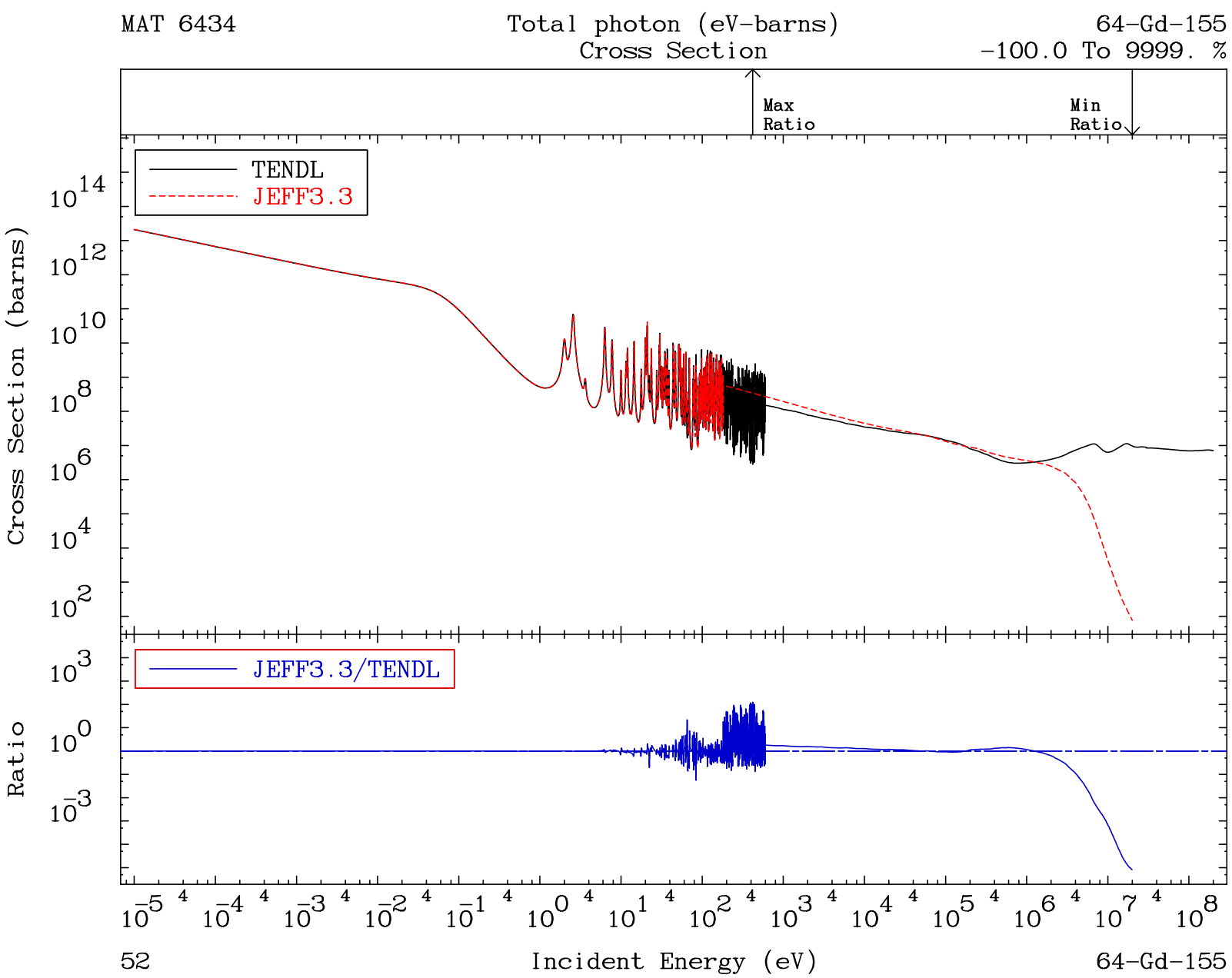

MAT 6434
Kerma elastic
Cross Section
64-Gd-155
-99.05 To 3592. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
47
64-Gd-155

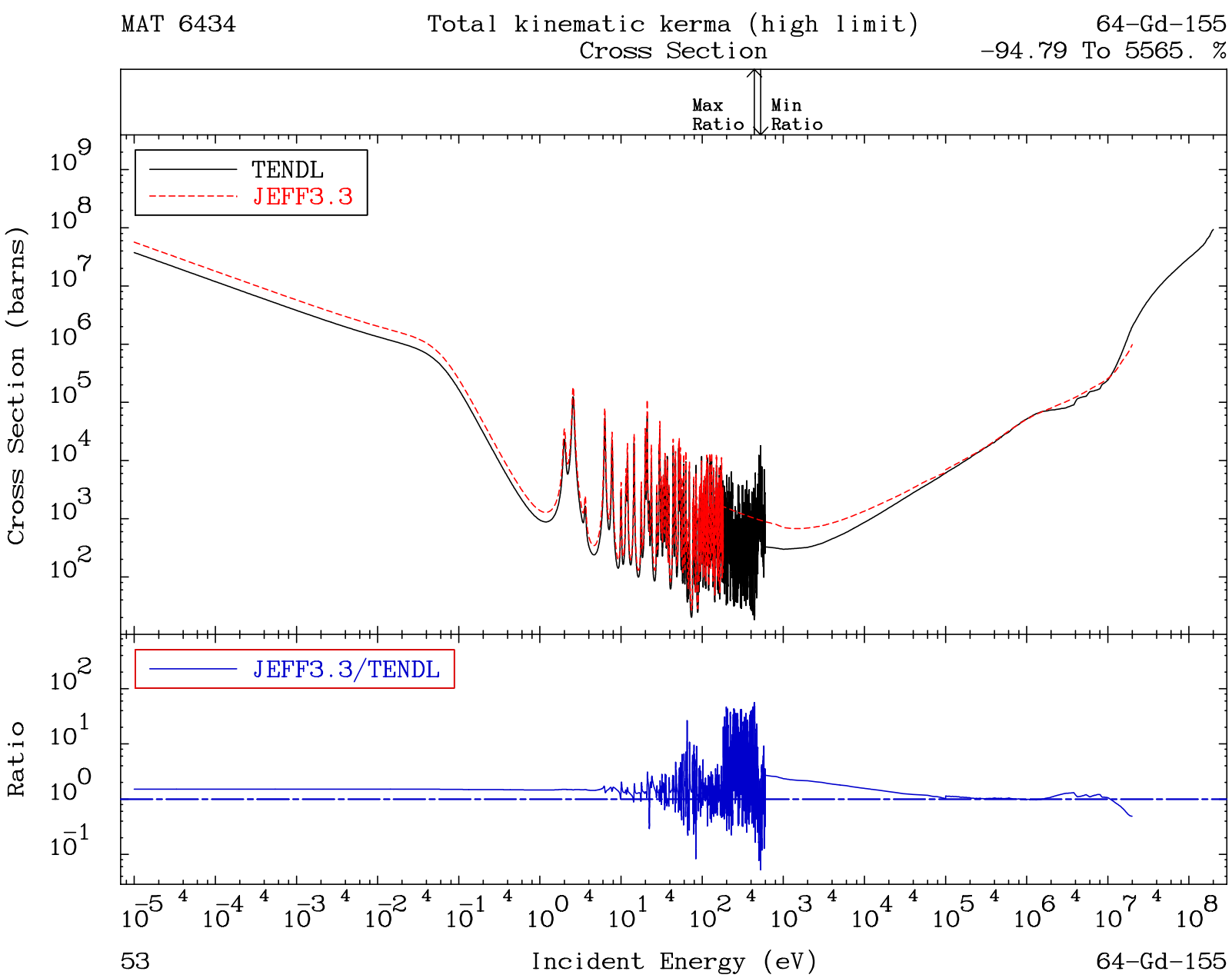

MAT 6434
Kerma non-elastic (all but mt2)
Cross Section
64-Gd-155
-91.71 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
48
64-Gd-155

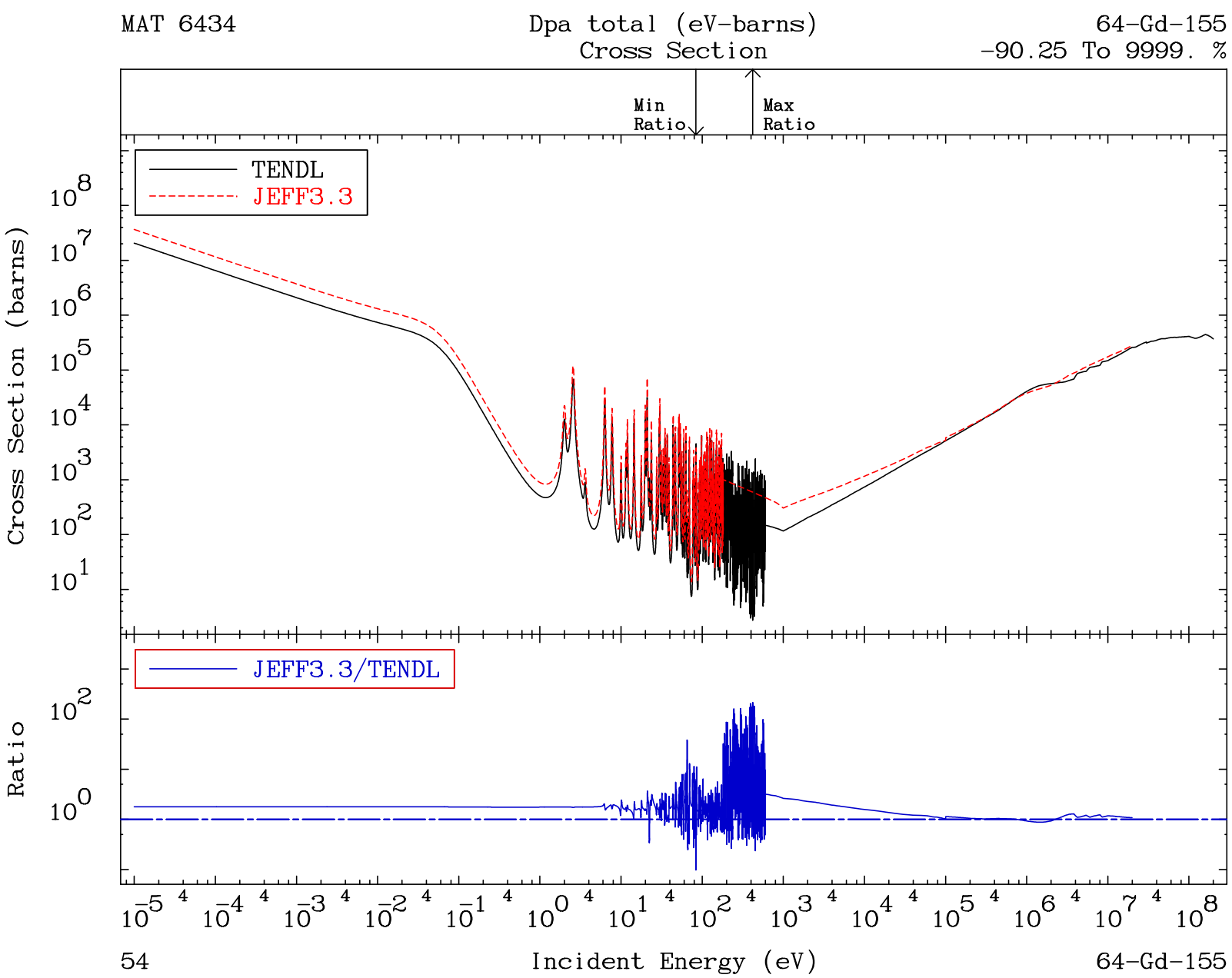

MAT 6434
Kerma inelastic (mt51-91)
Cross Section
64-Gd-155
759.9 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 60.402 keV
JEFF3.3 Threshold 60.391 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
49
64-Gd-155

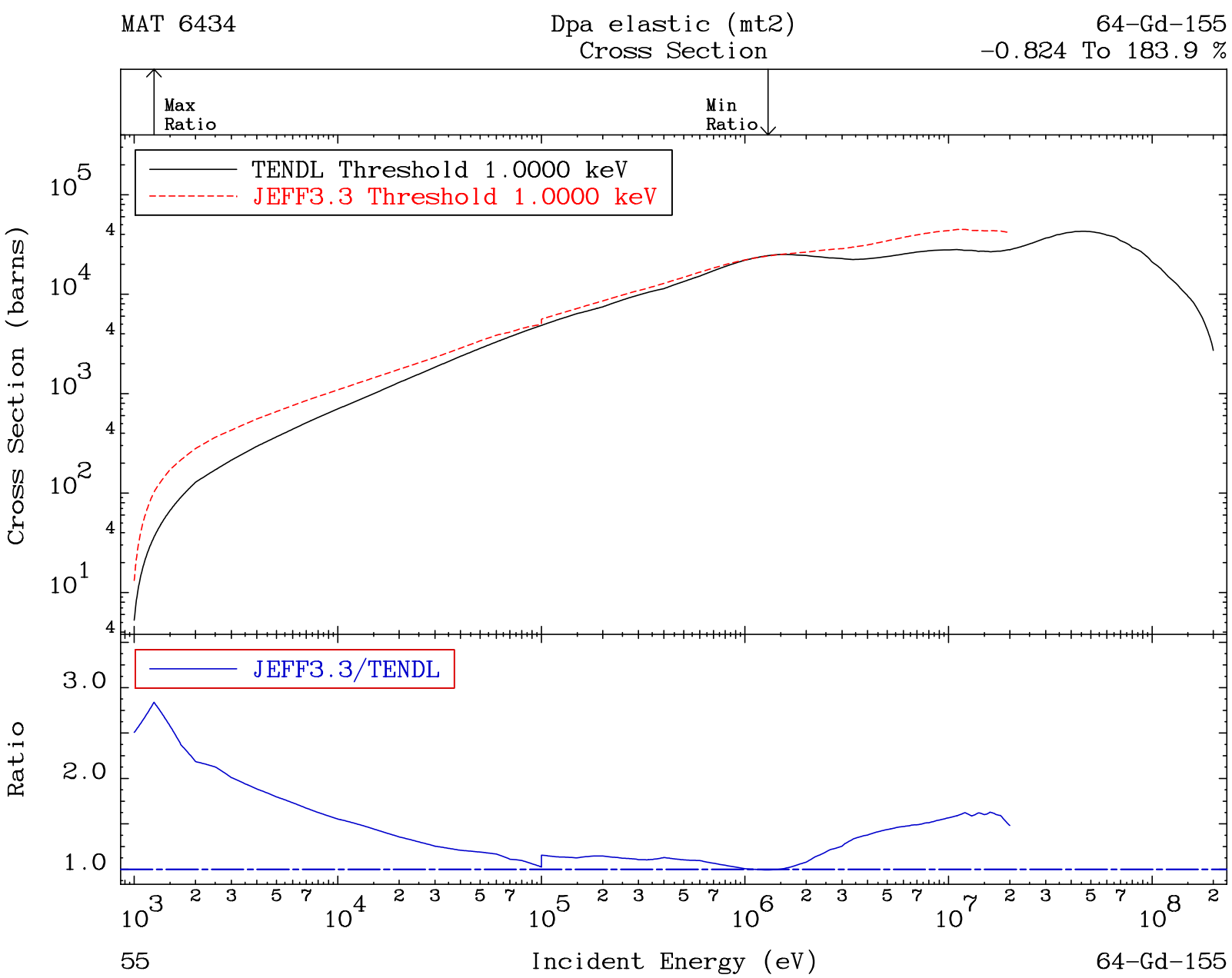

MAT 6434
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
64-Gd-155
759.9 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JEFF3.3/TENDL
Ratio
10^12
10^8
10^4
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
50
Incident Energy (eV)
64-Gd-155

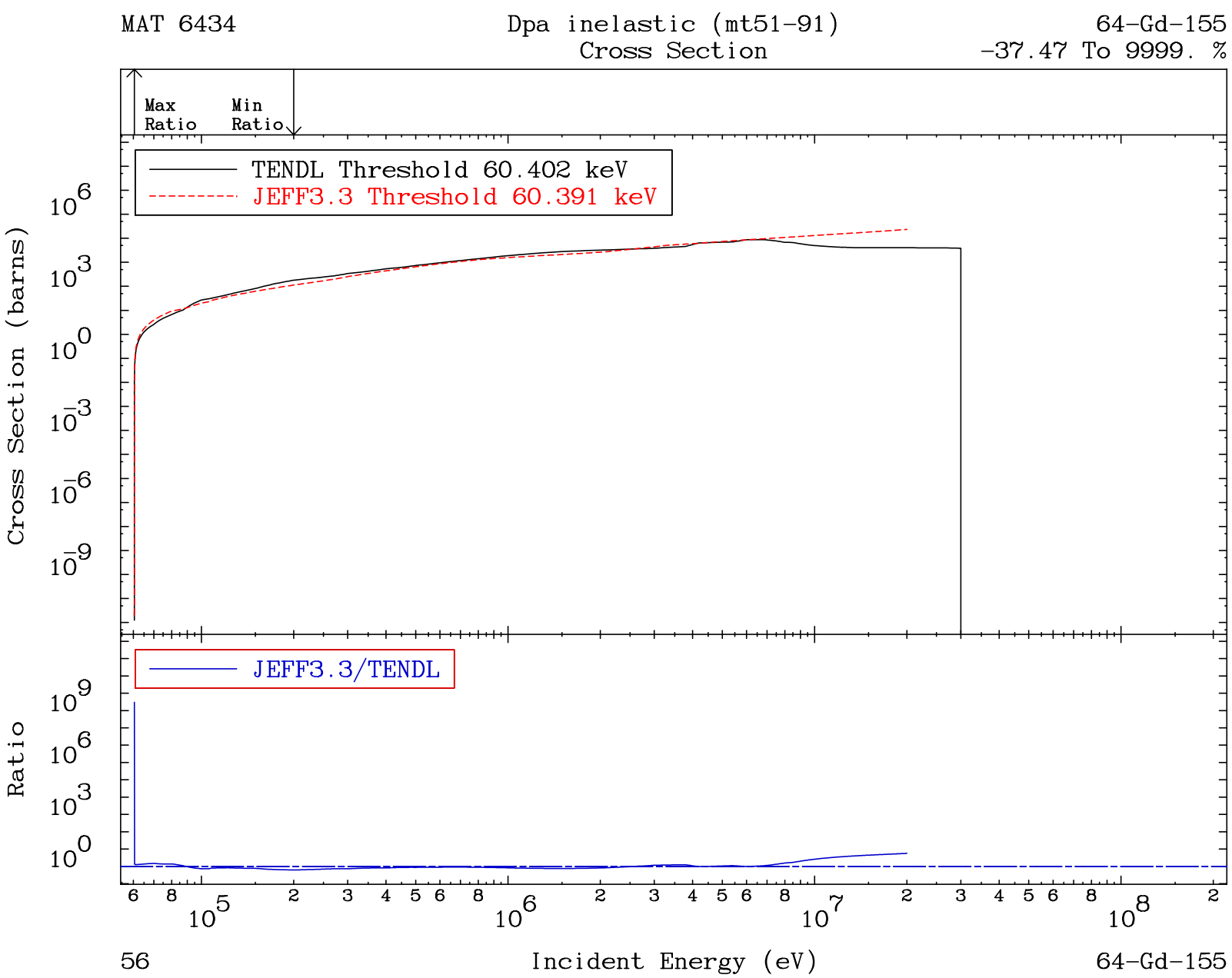

MAT 6434
Kerma capture (mt102)
Cross Section
64-Gd-155
-99.72 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
51
64-Gd-155

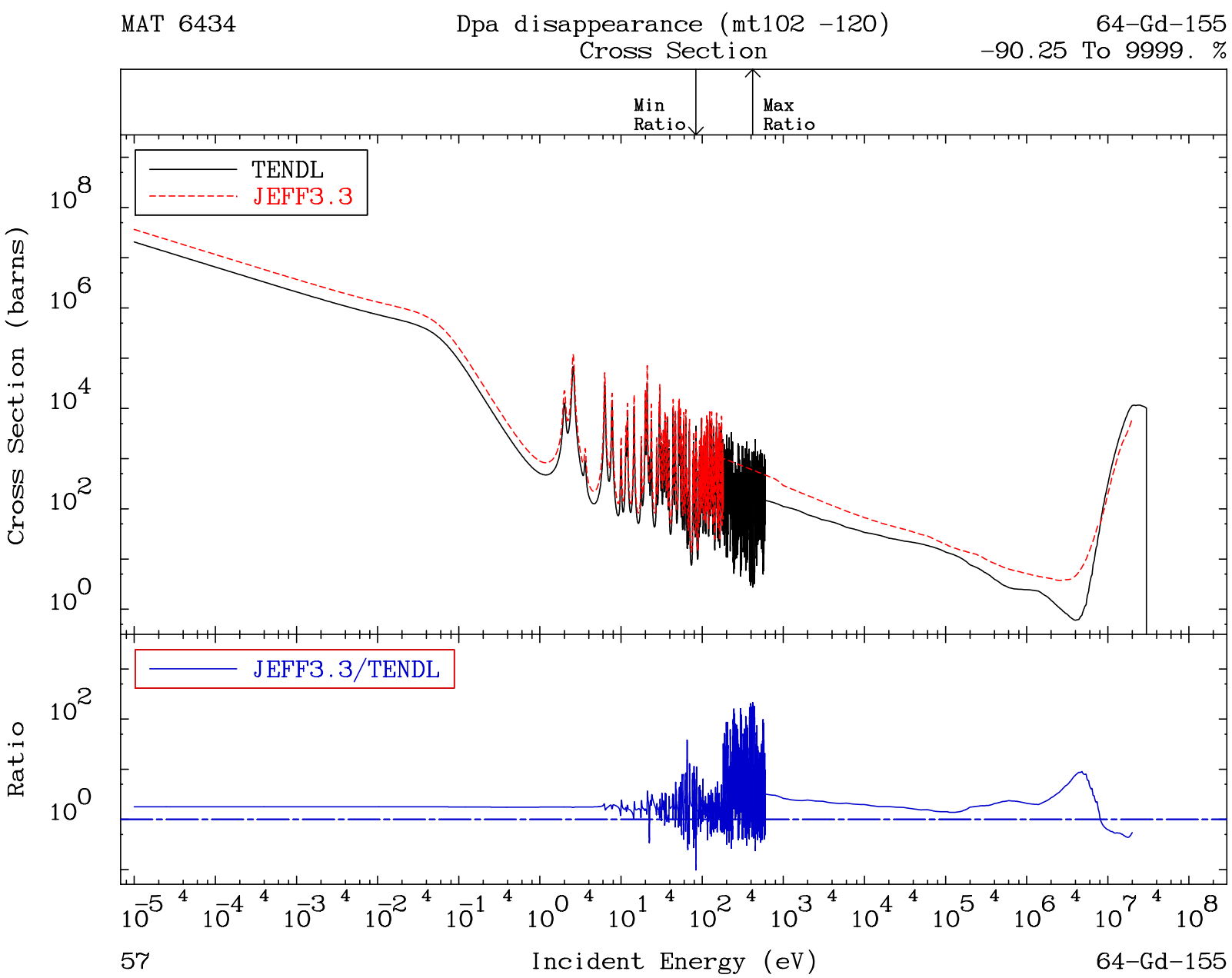

MAT 6434
Total photon (eV-barns)
Cross Section
64-Gd-155
-100.0 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
52
64-Gd-155


MAT 6434
Total kinematic kerma (high limit)
Cross Section
64-Gd-155
-94.79 To 5565. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
53
64-Gd-155


MAT 6434
Dpa total (eV-barns)
Cross Section
64-Gd-155
-90.25 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
54
Incident Energy (eV)
64-Gd-155


MAT 6434
Dpa elastic (mt2)
Cross Section
64-Gd-155
-0.824 To 183.9 %
Max Ratio
Min Ratio
TENDL Threshold 1.0000 keV
JEFF3.3 Threshold 1.0000 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
55
64-Gd-155


MAT 6434
Dpa inelastic (mt51-91)
Cross Section
64-Gd-155
-37.47 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 60.402 keV
JEFF3.3 Threshold 60.391 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
56
64-Gd-155


MAT 6434
Dpa disappearance (mt102 -120)
Cross Section
64-Gd-155
-90.25 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
57
64-Gd-155