Program Complot
(Version 2021-1)
by
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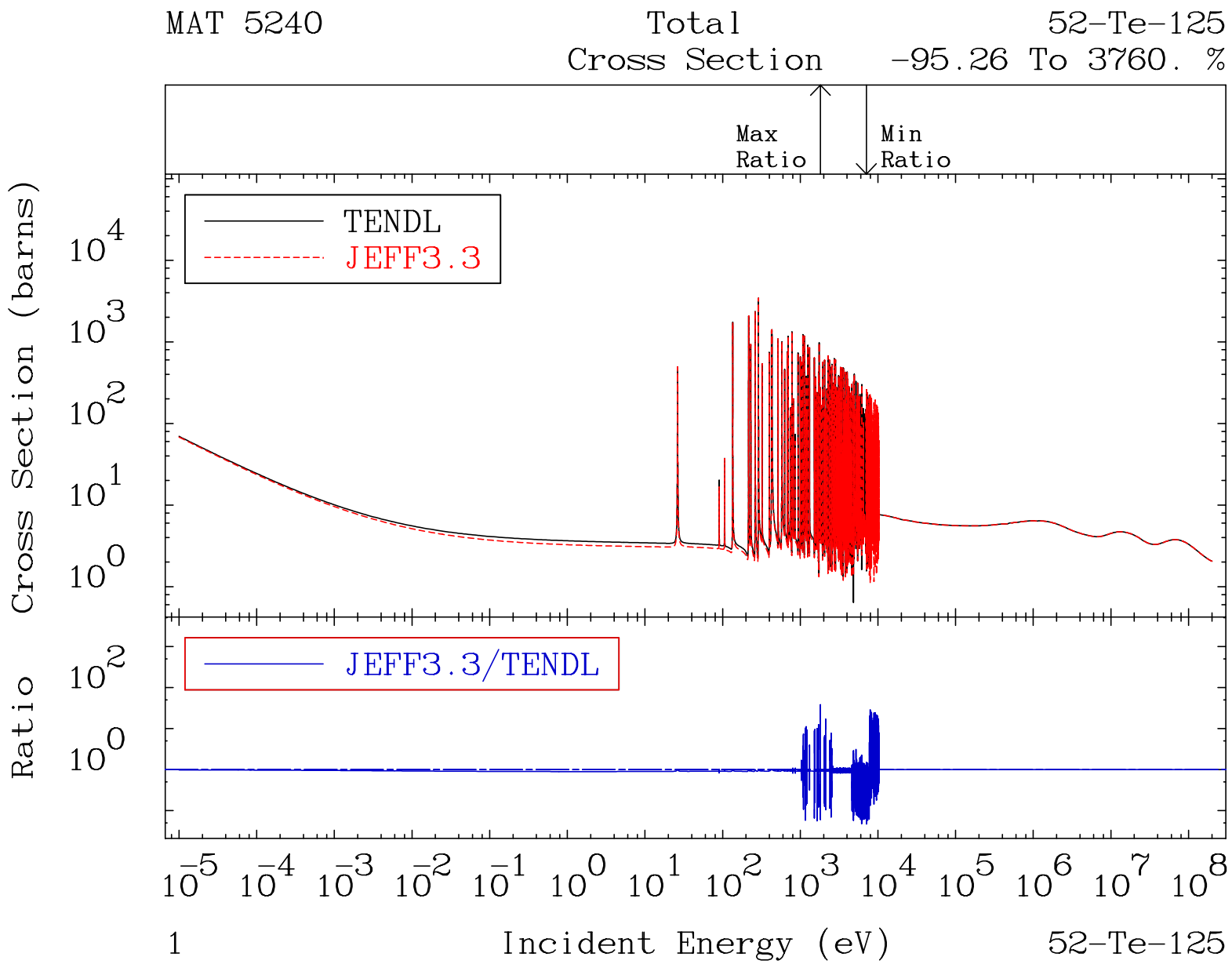
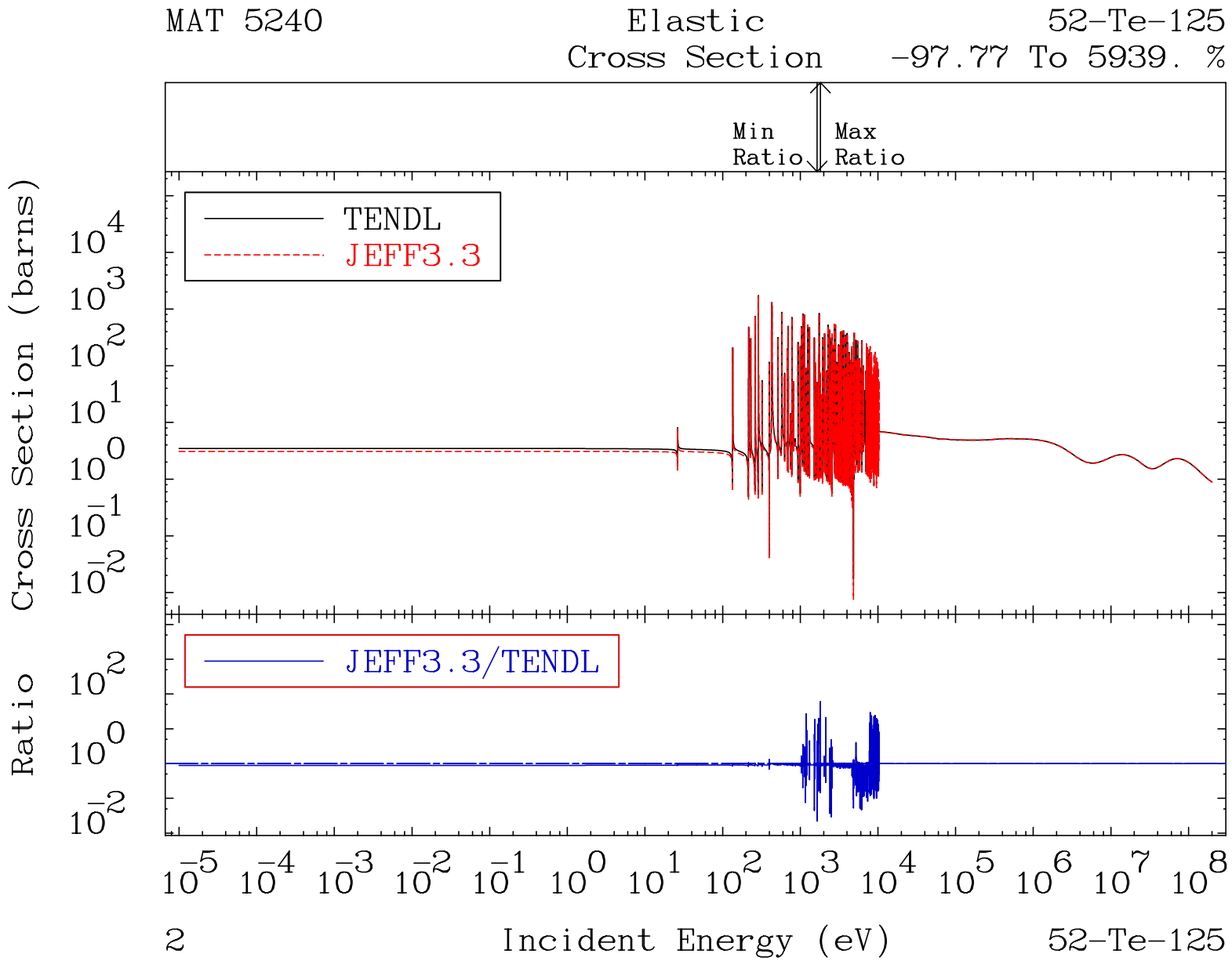
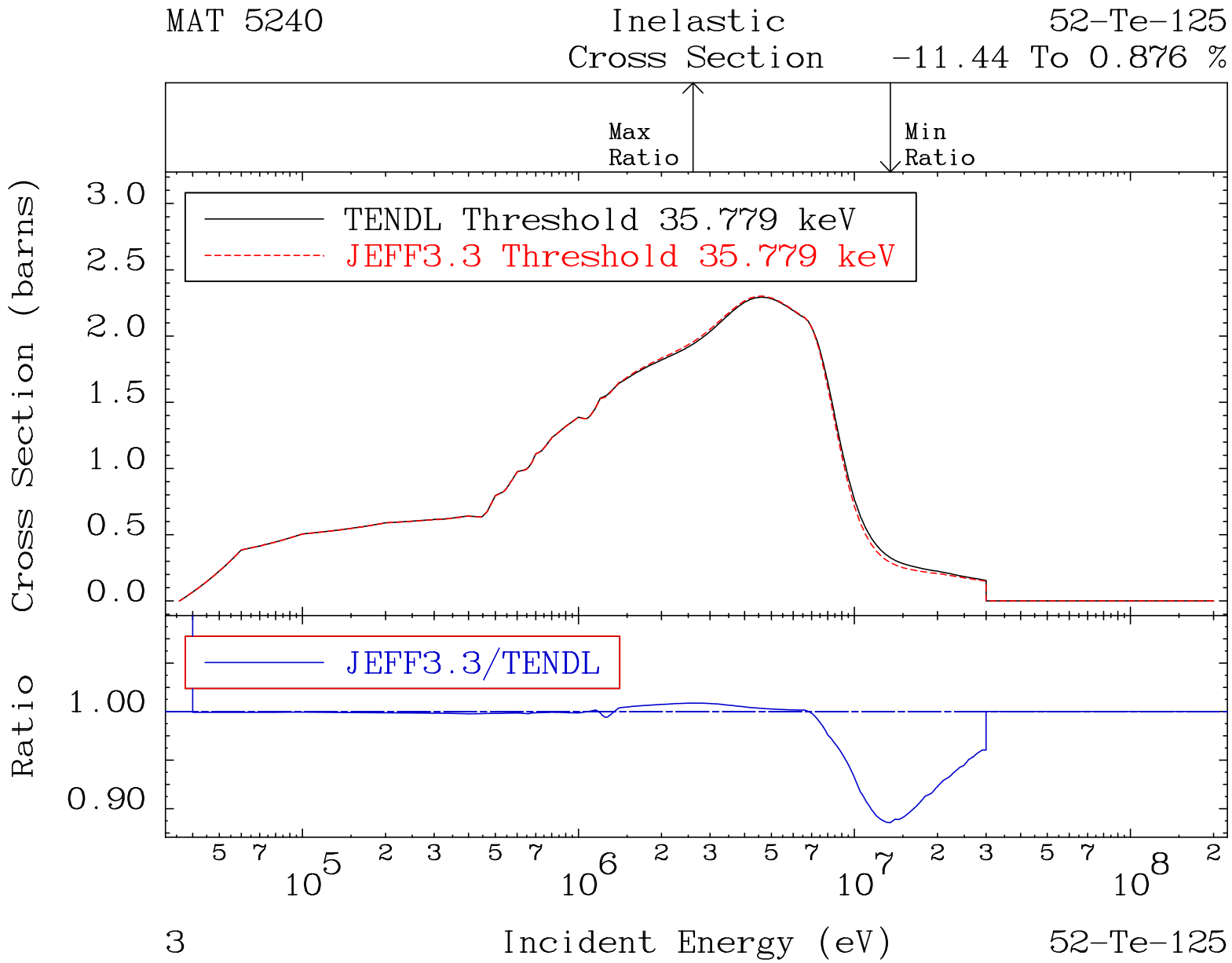
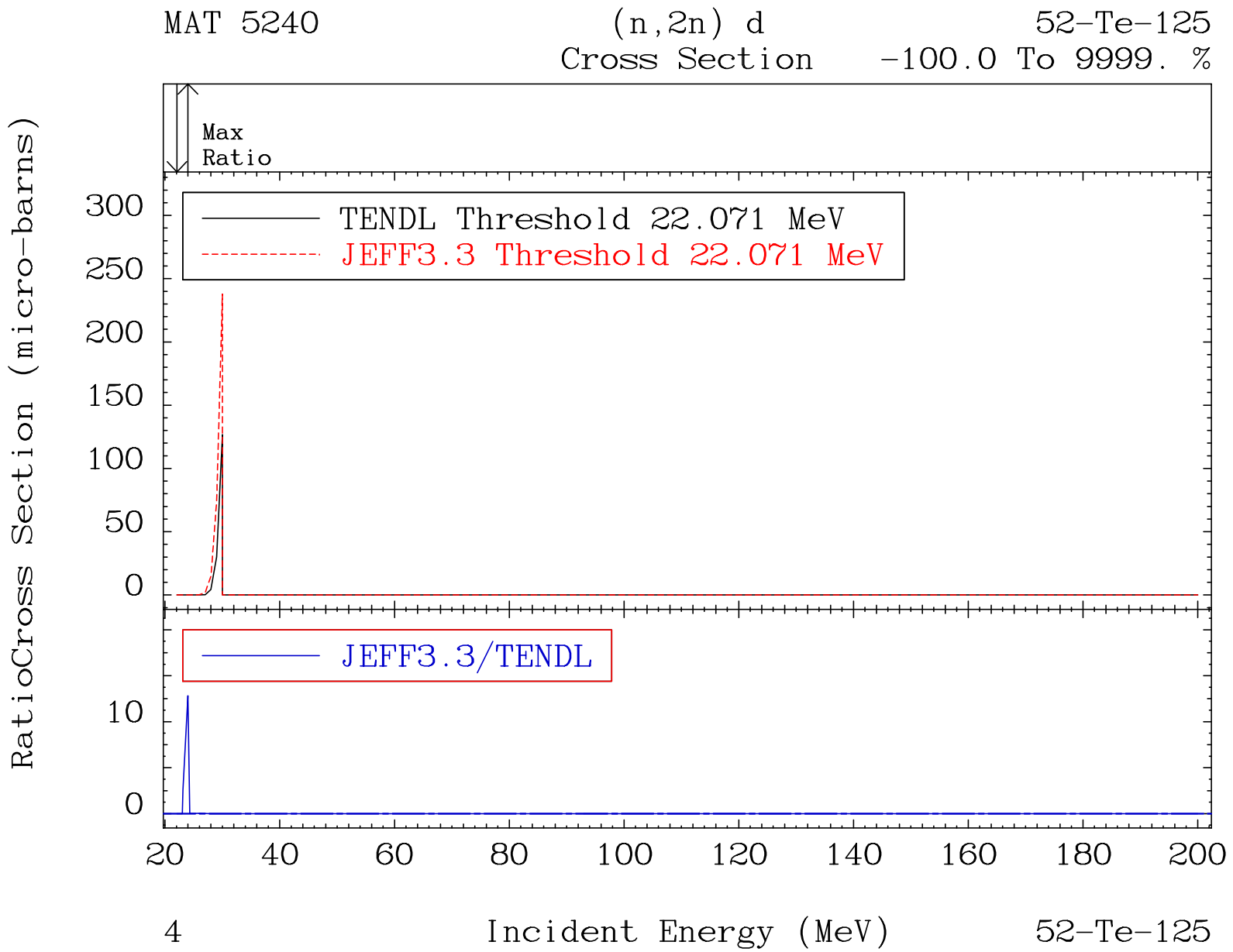
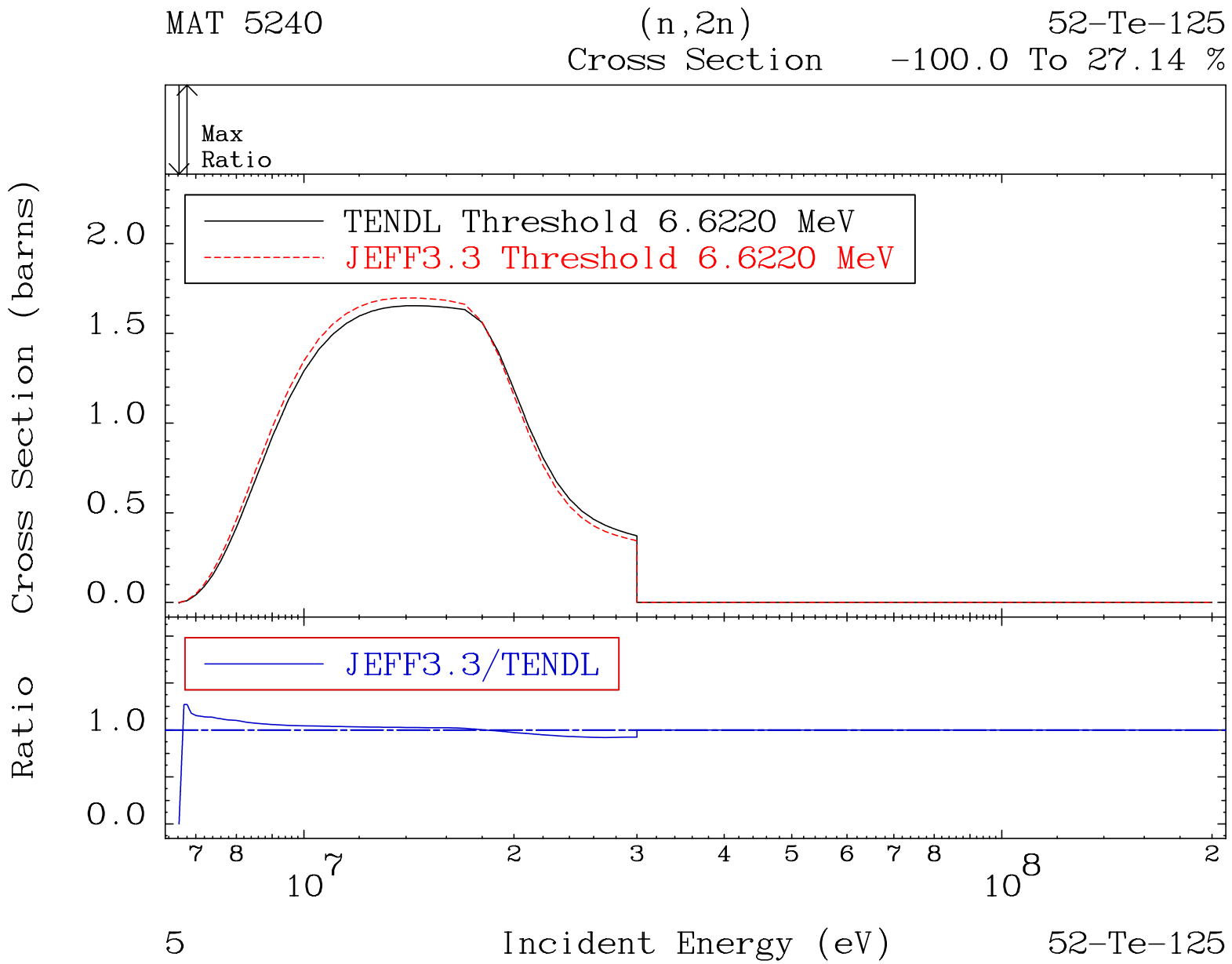
Press Mouse Button to Start

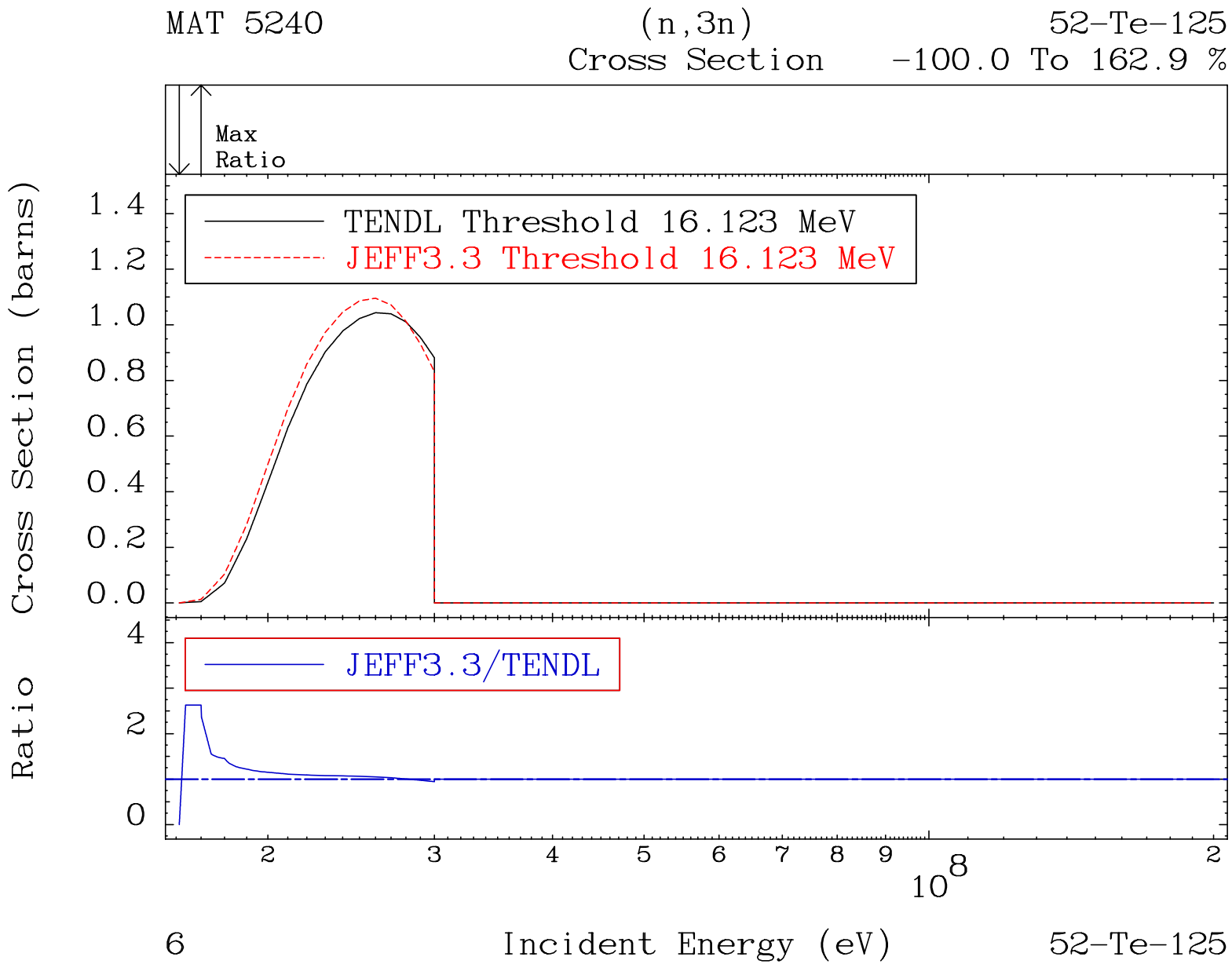

MAT 5240
Total
Cross Section
52-Te-125
-95.26 To 3760. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
1
52-Te-125

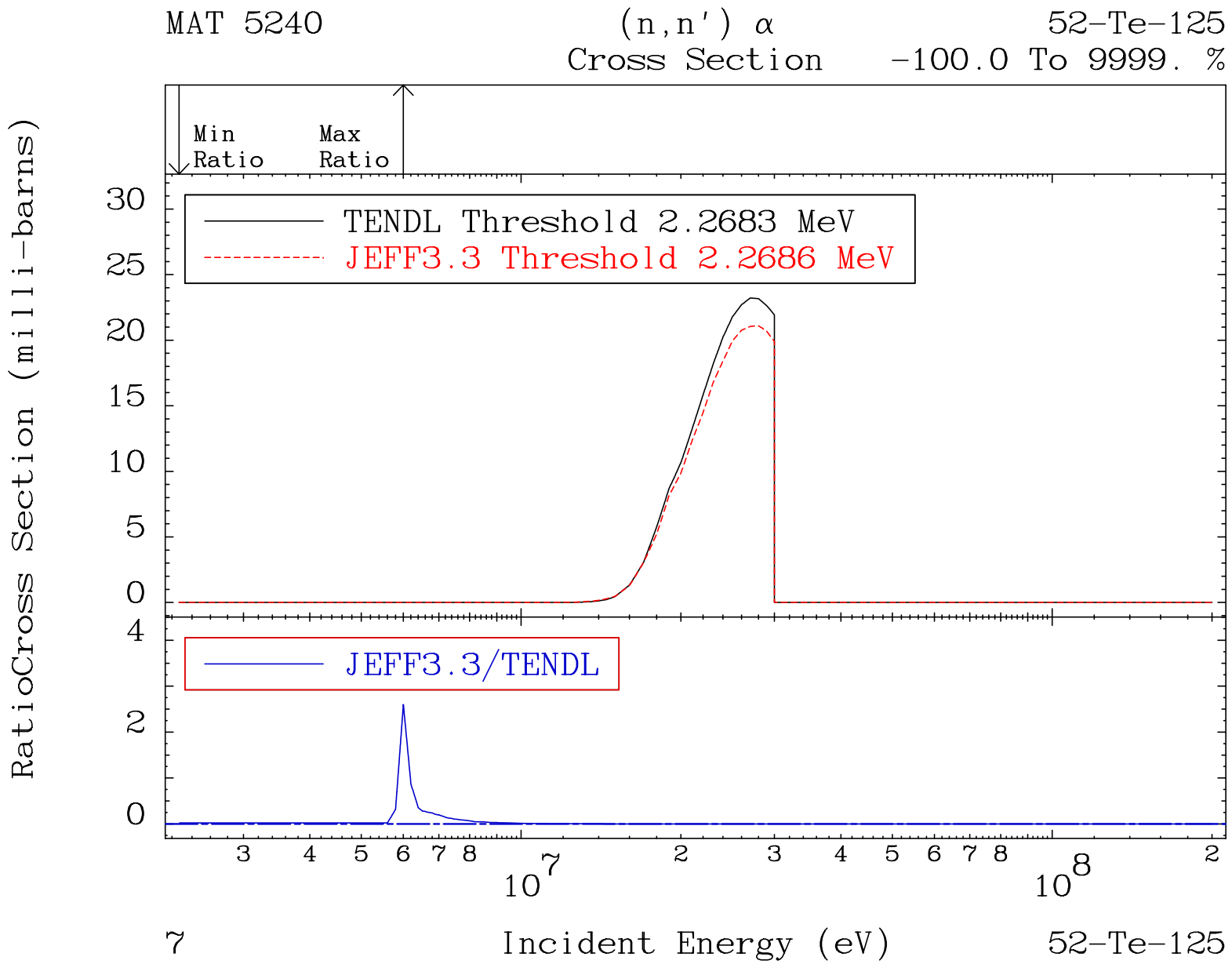

MAT 5240
Elastic
Cross Section
52-Te-125
-97.77 To 5939. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
2
52-Te-125

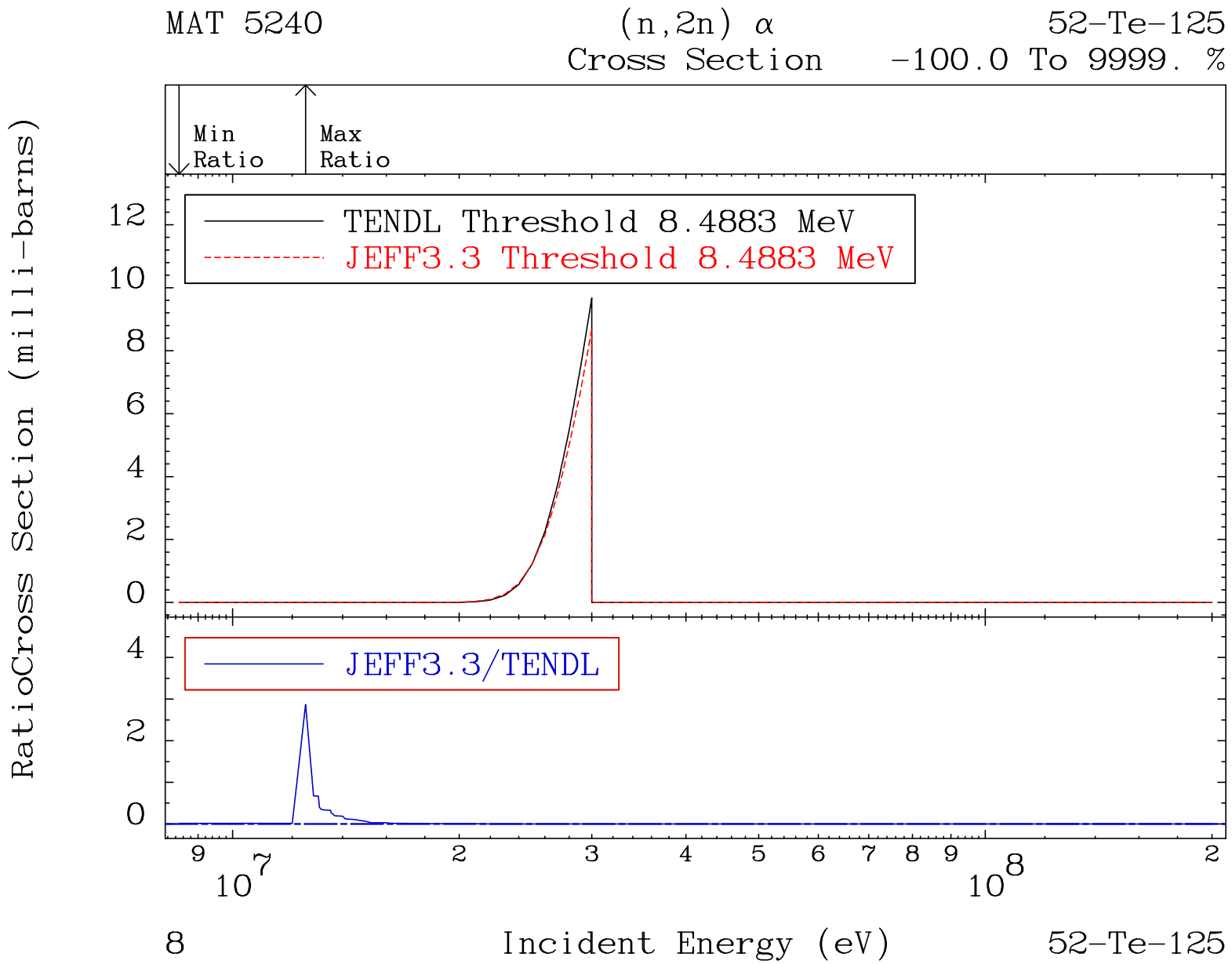

MAT 5240
Inelastic
Cross Section
52-Te-125
-11.44 To 0.876 %
Max
Ratio
Min
Ratio
TENDL Threshold 35.779 keV
JEFF3.3 Threshold 35.779 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.00
0.90
5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
3
Incident Energy (eV)
52-Te-125

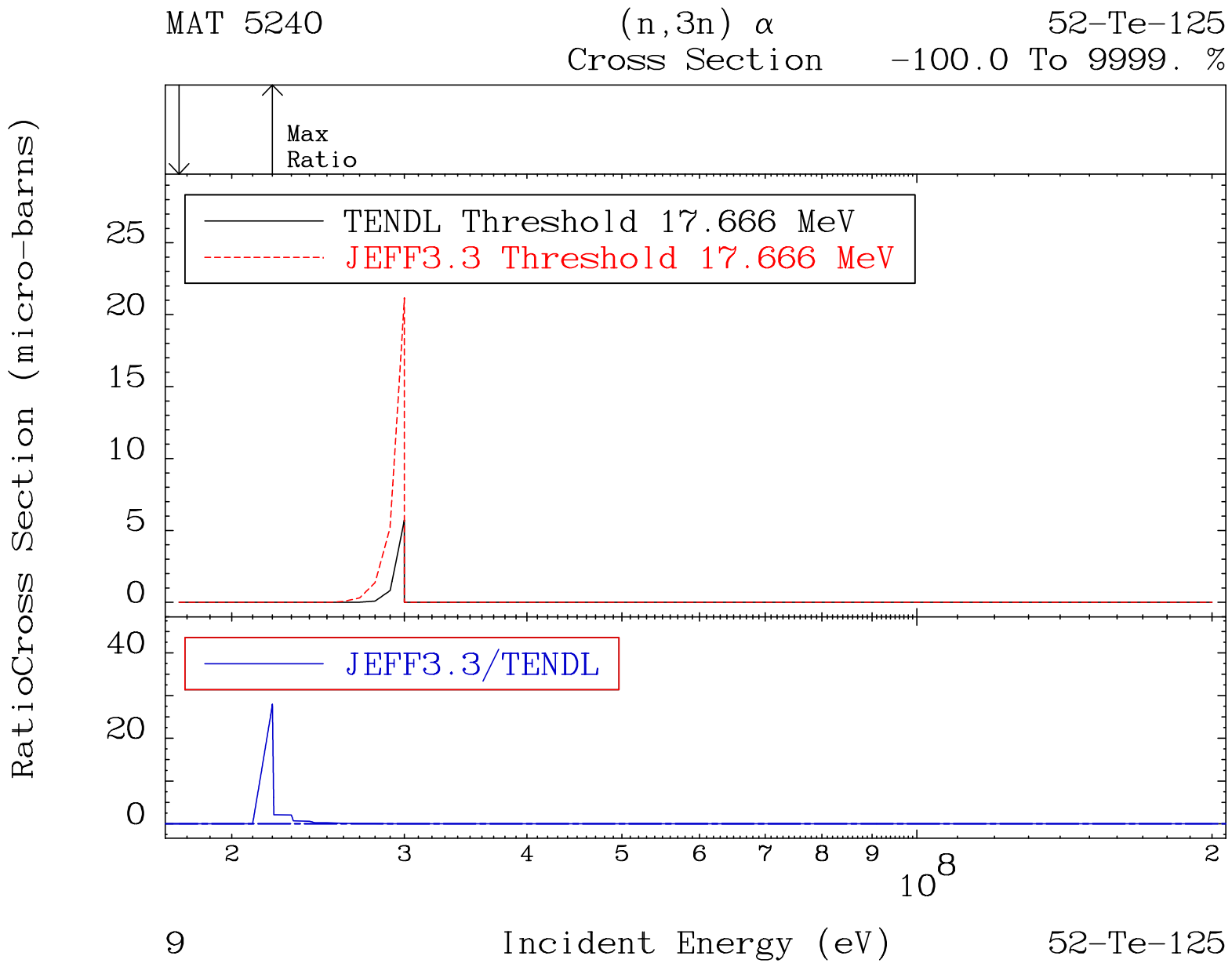

MAT 5240
(n,2n) d
52-Te-125
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 22.071 MeV
JEFF3.3 Threshold 22.071 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
300
250
200
150
100
50
0
10
0
20
40
60
80
100
120
140
160
180
200
4
Incident Energy (MeV)
52-Te-125

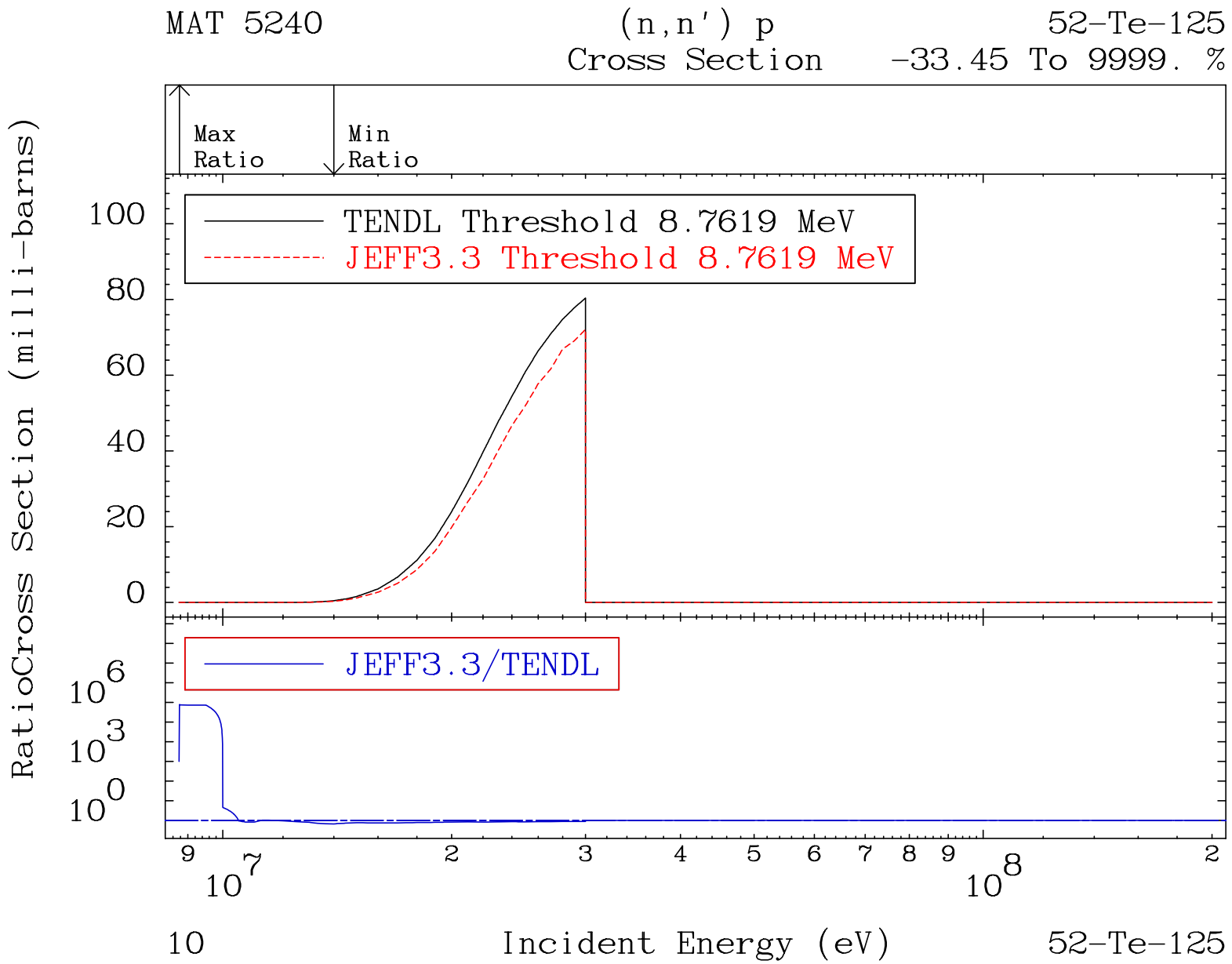

MAT 5240
(n,2n)
Cross Section
52-Te-125
-100.0 To 27.14 %
Max
Ratio
TENDL Threshold 6.6220 MeV
JEFF3.3 Threshold 6.6220 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.0
0.0
7 8
10^7
2
3
4
5
6
7
8
10^8
2
5
Incident Energy (eV)
52-Te-125

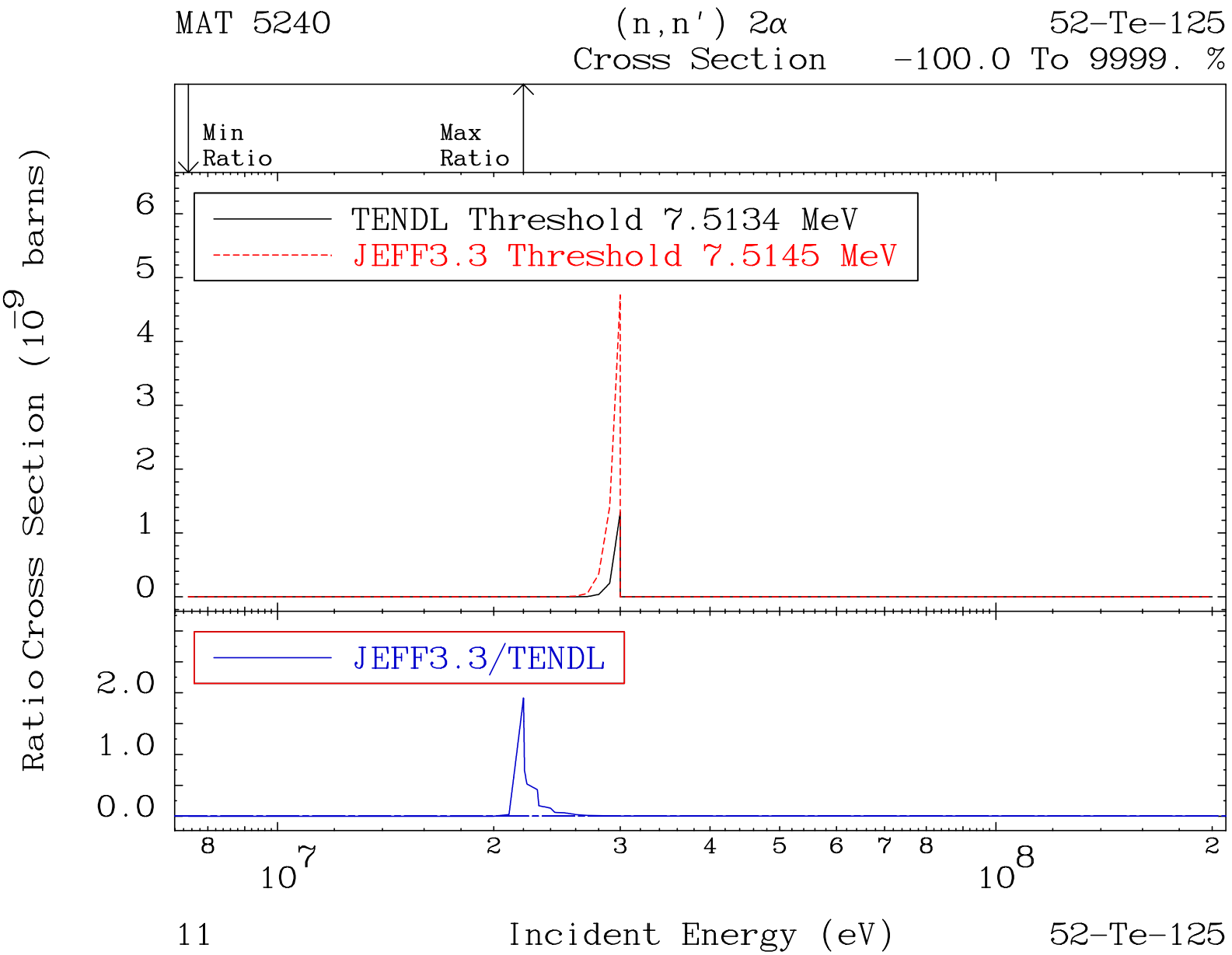

MAT 5240
(n,3n)
Cross Section
52-Te-125
-100.0 To 162.9 %
Max
Ratio
TENDL Threshold 16.123 MeV
JEFF3.3 Threshold 16.123 MeV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
4
2
0
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
52-Te-125

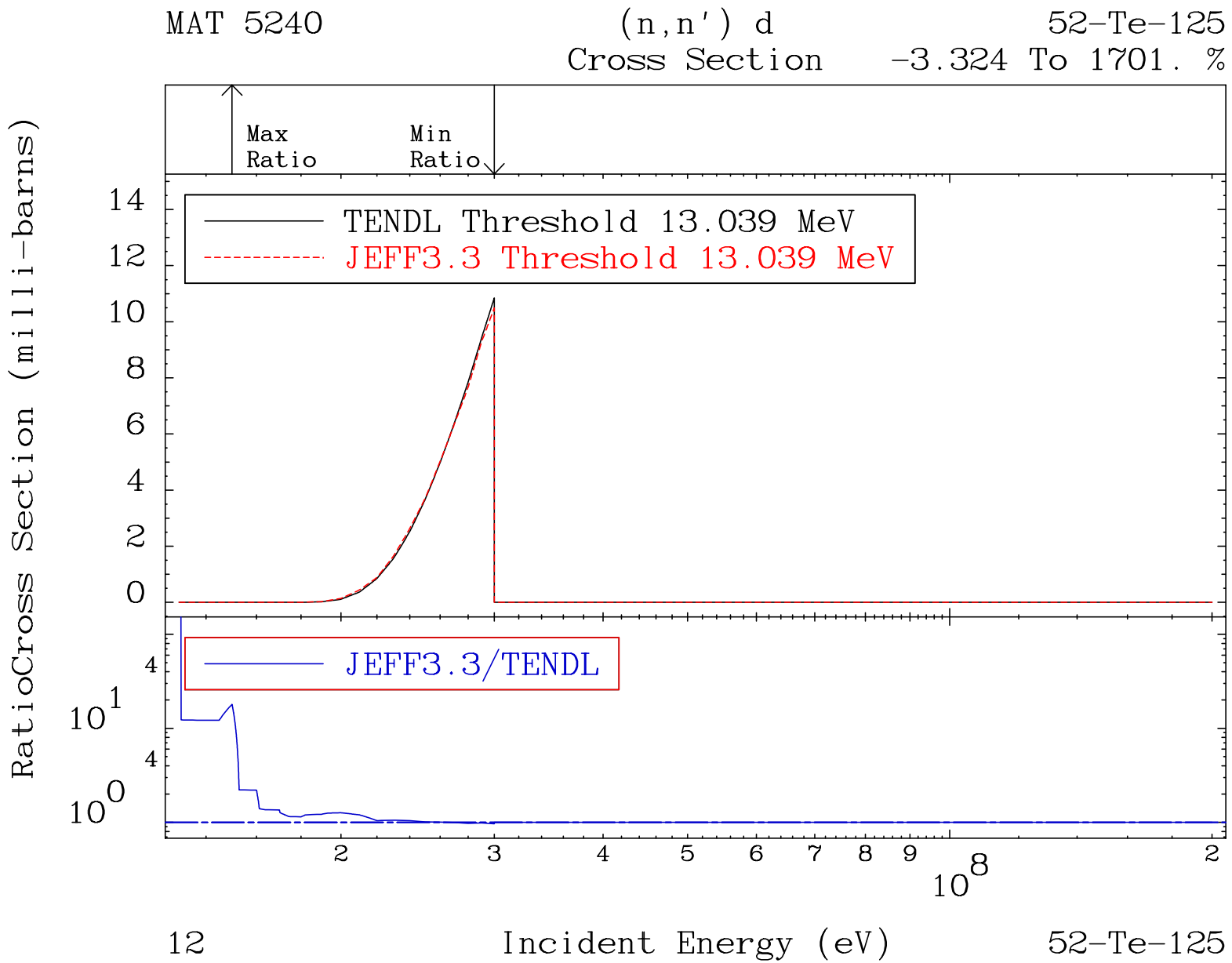

MAT 5240
(n,n') α
Cross Section
52-Te-125
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.2683 MeV
JEFF3.3 Threshold 2.2686 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
52-Te-125
7

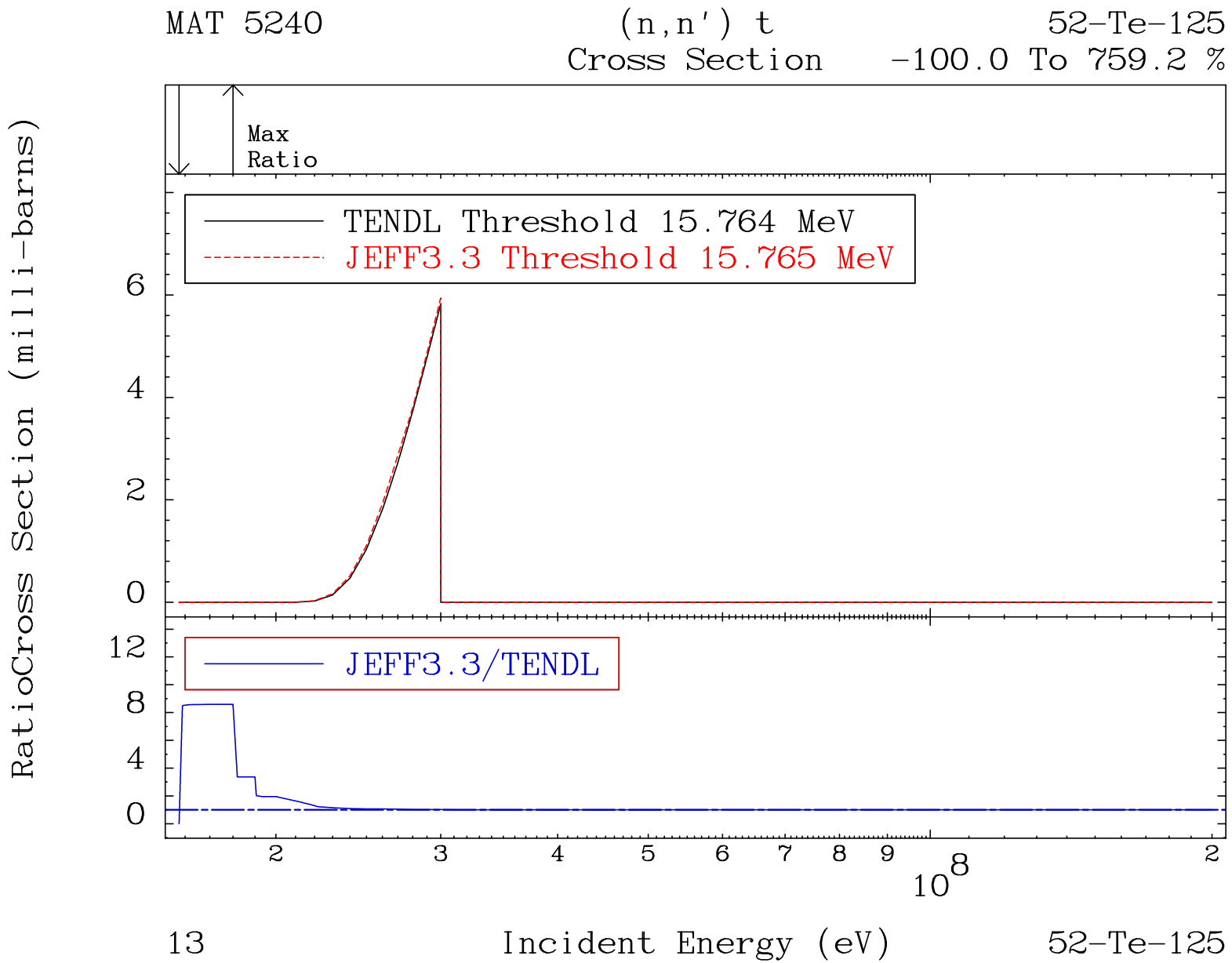

MAT 5240
(n,2n) α
Cross Section
52-Te-125
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 8.4883 MeV
JEFF3.3 Threshold 8.4883 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
12
10
8
6
4
2
0
4
2
0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
8
Incident Energy (eV)
52-Te-125

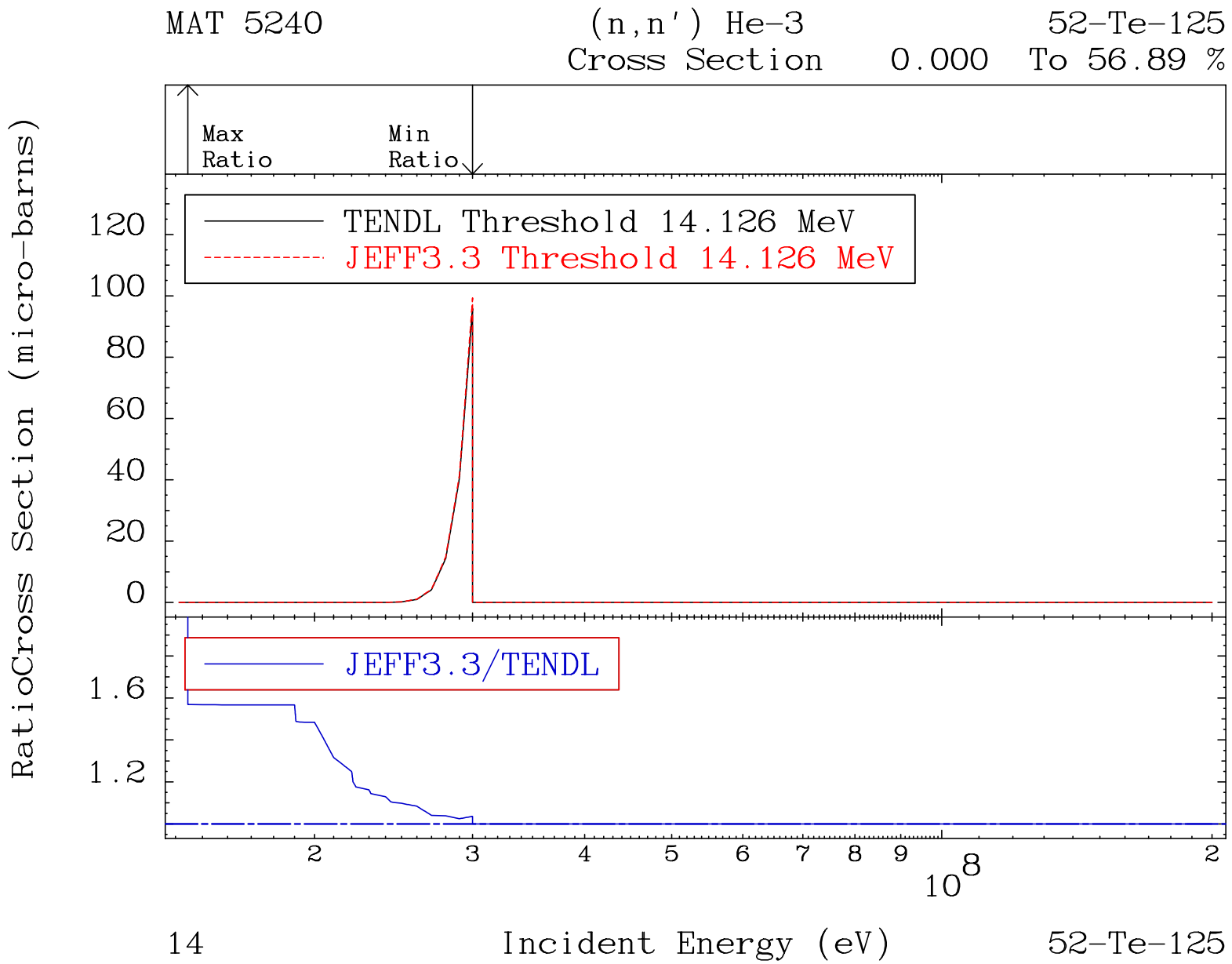

MAT 5240
(n,3n) α
52-Te-125
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 17.666 MeV
JEFF3.3 Threshold 17.666 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
25
20
15
10
5
0
40
20
0
2
3
4
5
6
7
8
9
10^8
2
9
Incident Energy (eV)
52-Te-125

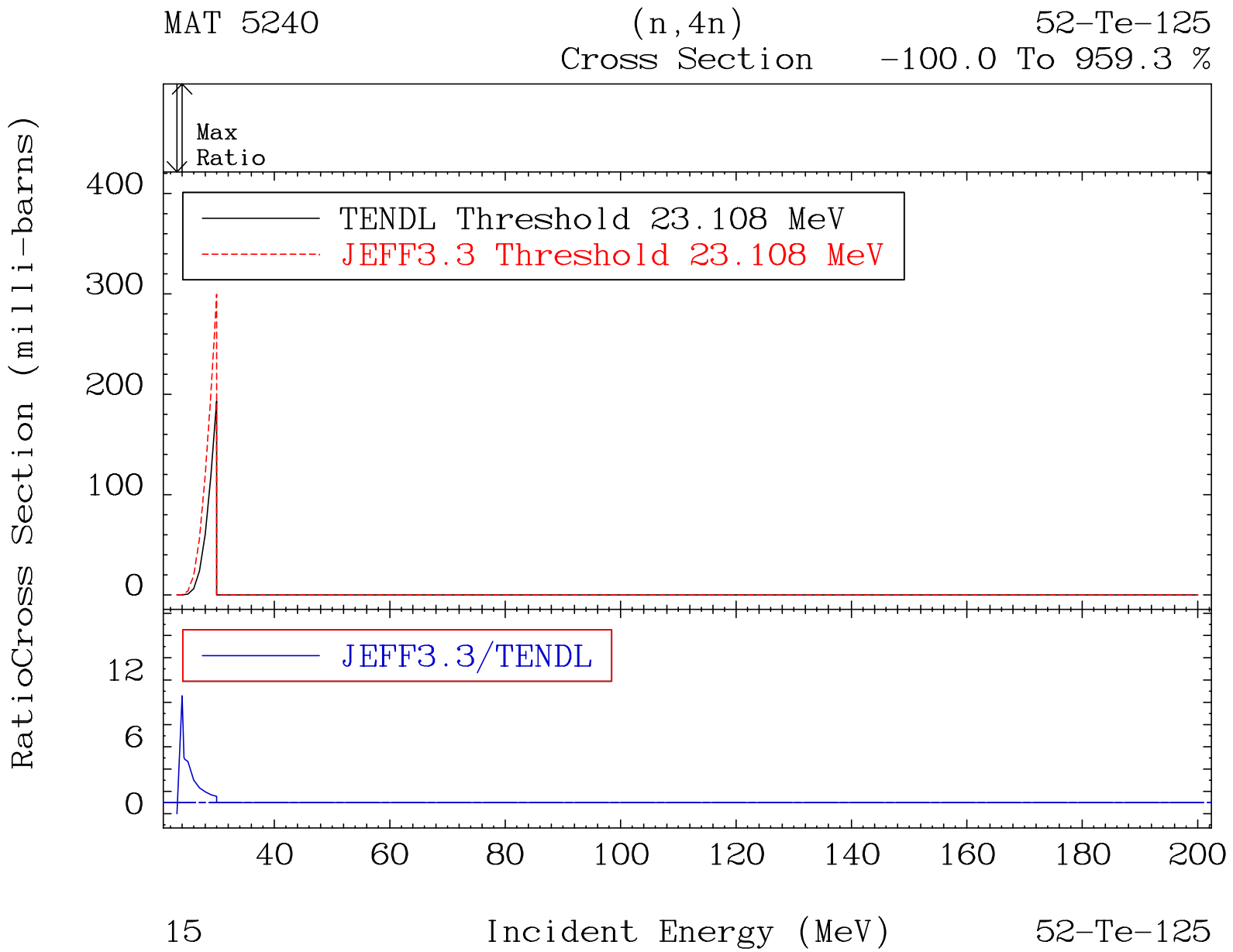

MAT 5240
(n,n') p
Cross Section
52-Te-125
-33.45 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 8.7619 MeV
JEFF3.3 Threshold 8.7619 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
10^6
10^3
10^0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
10
Incident Energy (eV)
52-Te-125

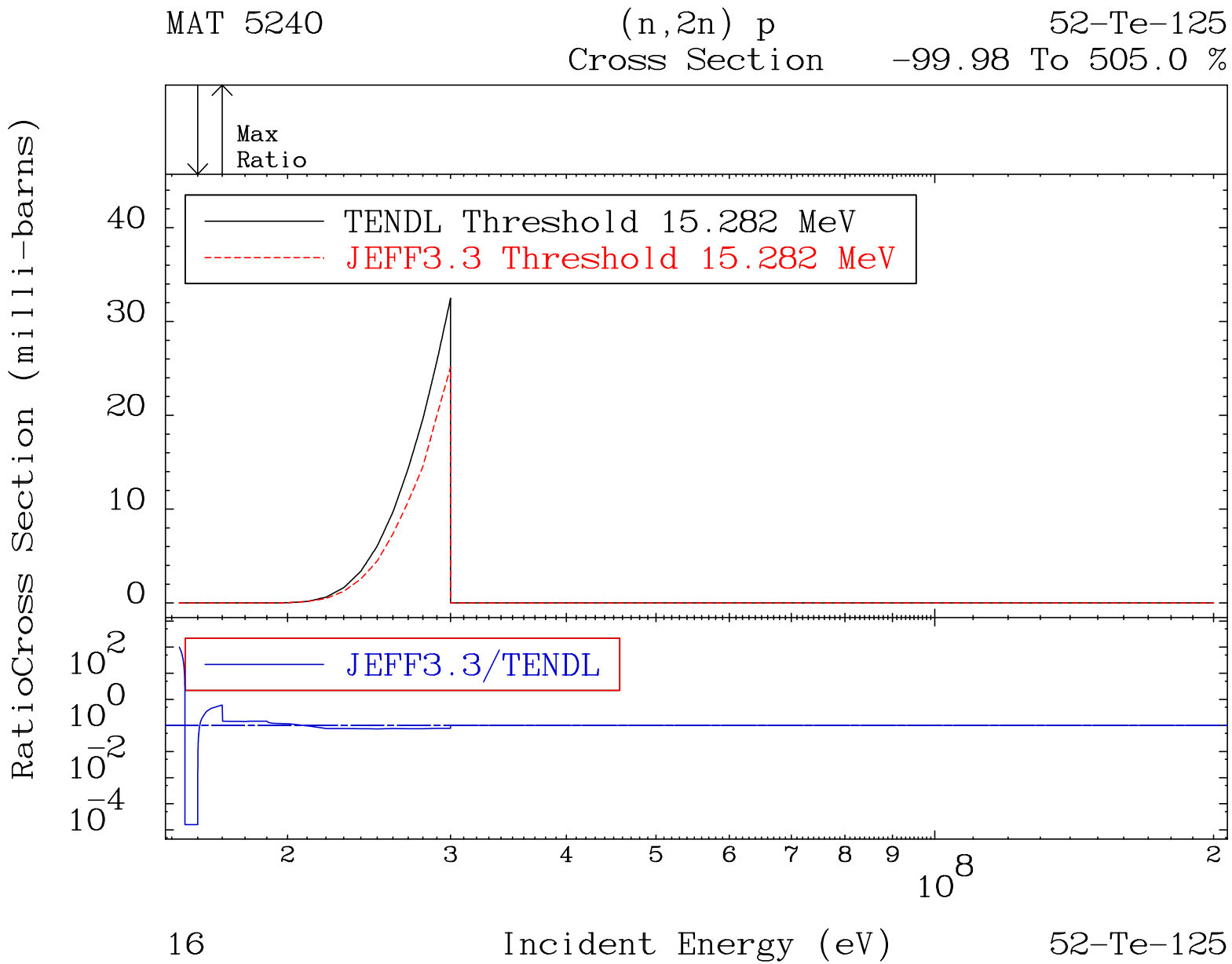

MAT 5240
(n,n') 2α
52-Te-125
Cross Section
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 7.5134 MeV
JEFF3.3 Threshold 7.5145 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
Incident Energy (eV)
11
52-Te-125

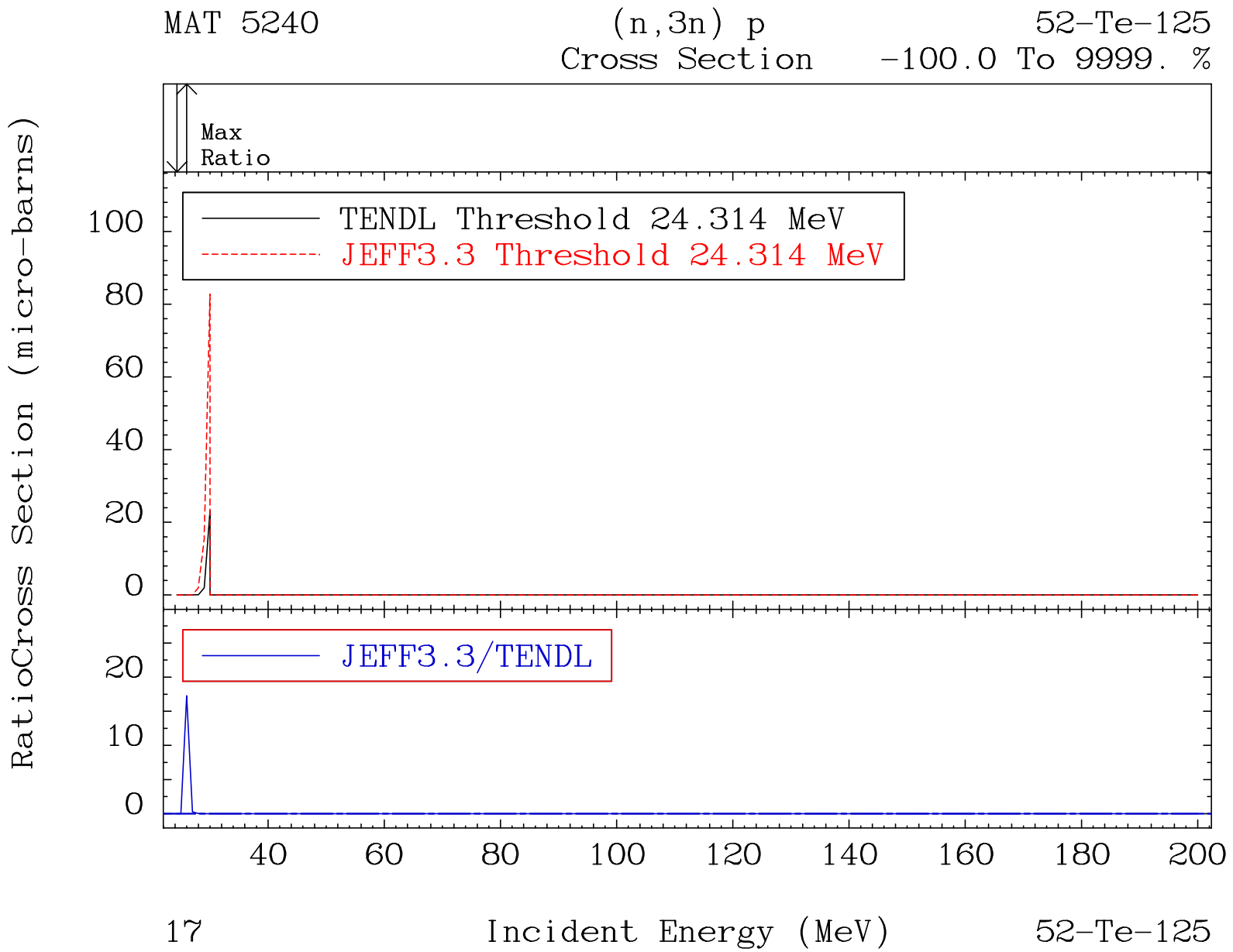

MAT 5240
(n,n') d
Cross Section
52-Te-125
-3.324 To 1701. %
Max Ratio
Min Ratio
TENDL Threshold 13.039 MeV
JEFF3.3 Threshold 13.039 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
12
52-Te-125

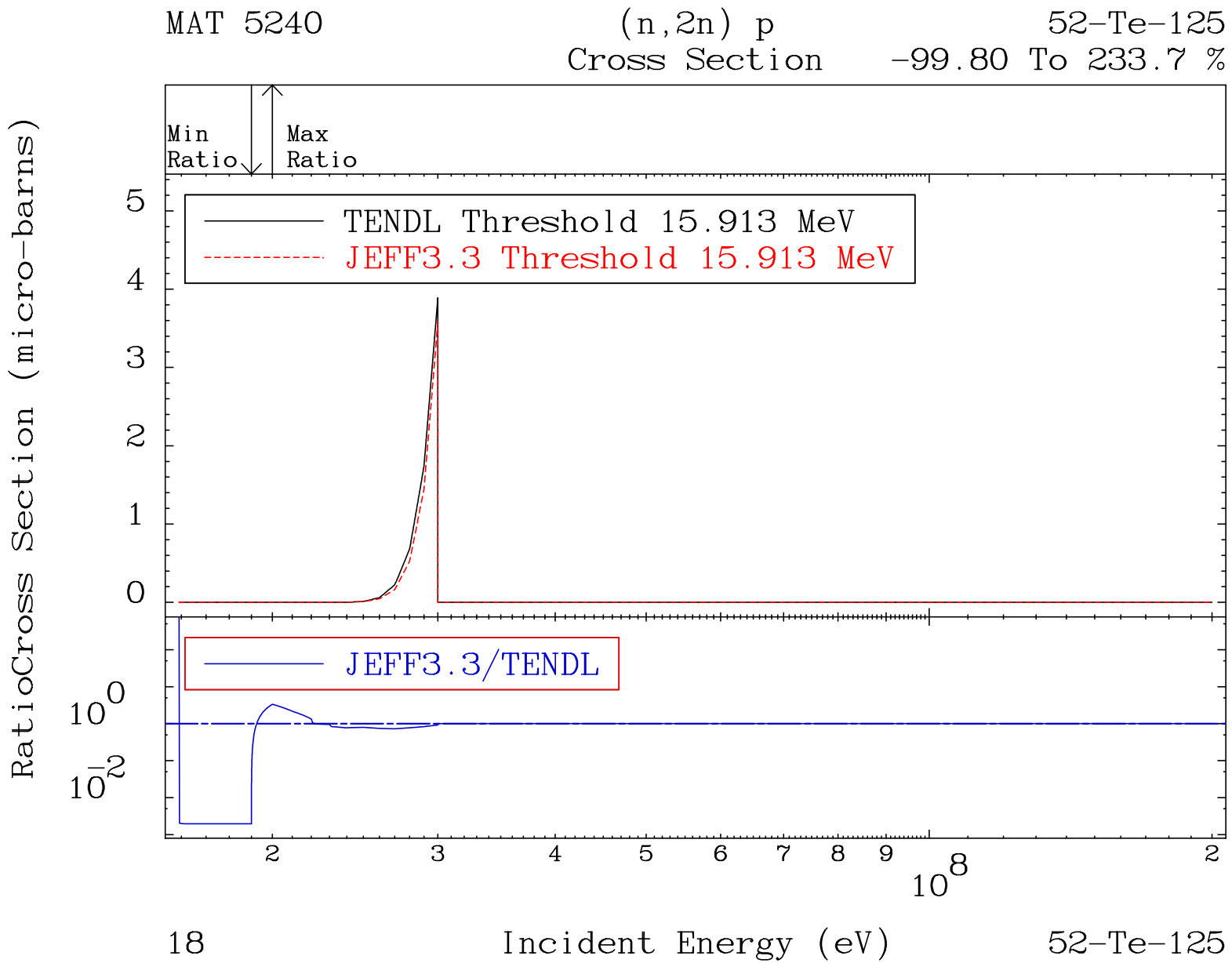

MAT 5240
(n,n') t
Cross Section
52-Te-125
-100.0 To 759.2 %
Max
Ratio
TENDL Threshold 15.764 MeV
JEFF3.3 Threshold 15.765 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
0
2
4
6
0
4
8
12
2
3
4
5
6
7
8
9
10^8
2
13
Incident Energy (eV)
52-Te-125

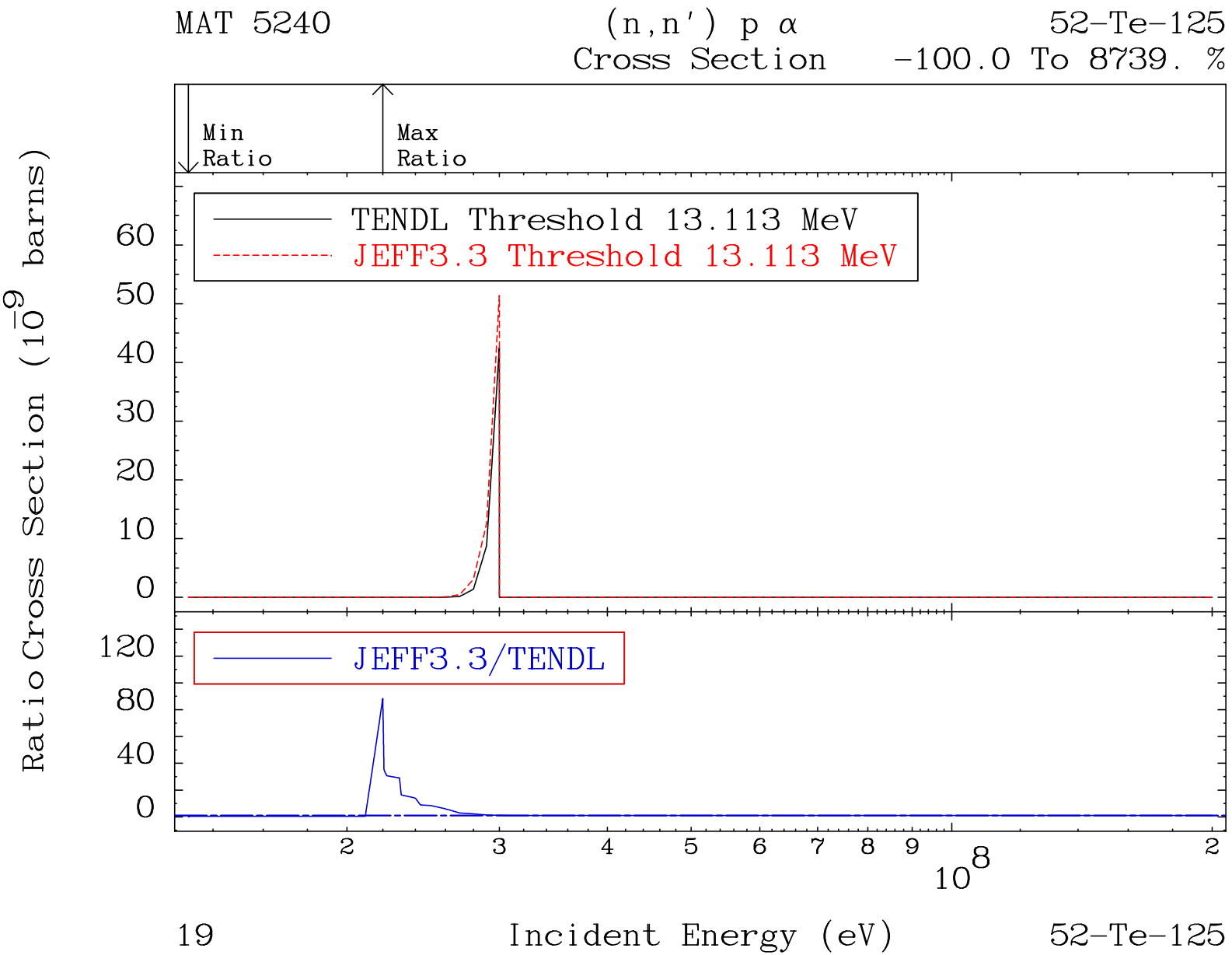

MAT 5240
(n,n') He-3
Cross Section
52-Te-125
0.000 To 56.89 %
Max Ratio
Min Ratio
TENDL Threshold 14.126 MeV
JEFF3.3 Threshold 14.126 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
120
100
80
60
40
20
0
1.6
1.2
2
3
4
5
6
7
8
9
10^8
2
14
Incident Energy (eV)
52-Te-125

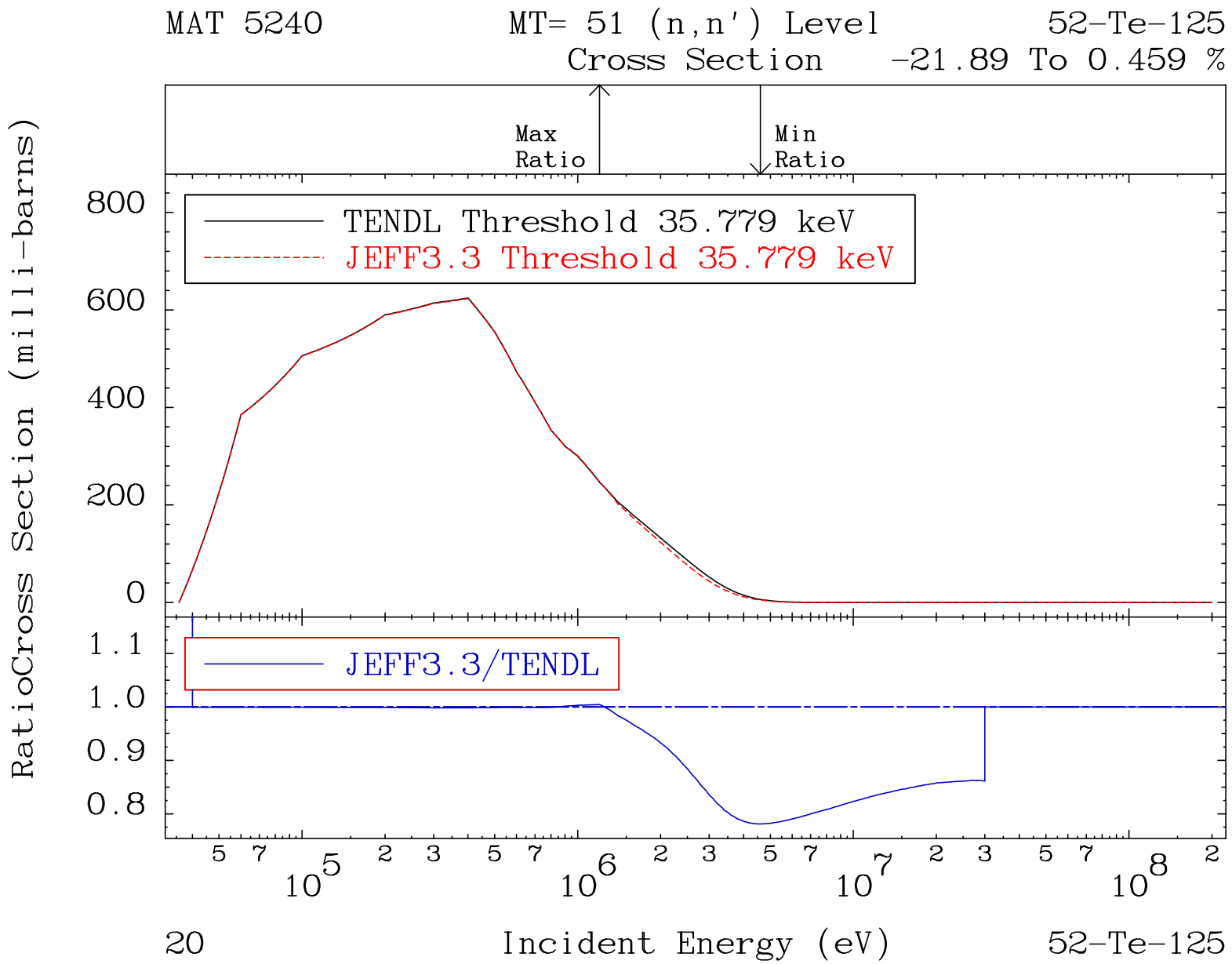

MAT 5240
(n,4n)
52-Te-125
Cross Section
-100.0 To 959.3 %
Max
Ratio
400
300
200
100
0
TENDL Threshold 23.108 MeV
JEFF3.3 Threshold 23.108 MeV
12
6
0
JEFF3.3/TENDL
RatioCross Section (milli-barns)
40
60
80
100
120
140
160
180
200
15
Incident Energy (MeV)
52-Te-125

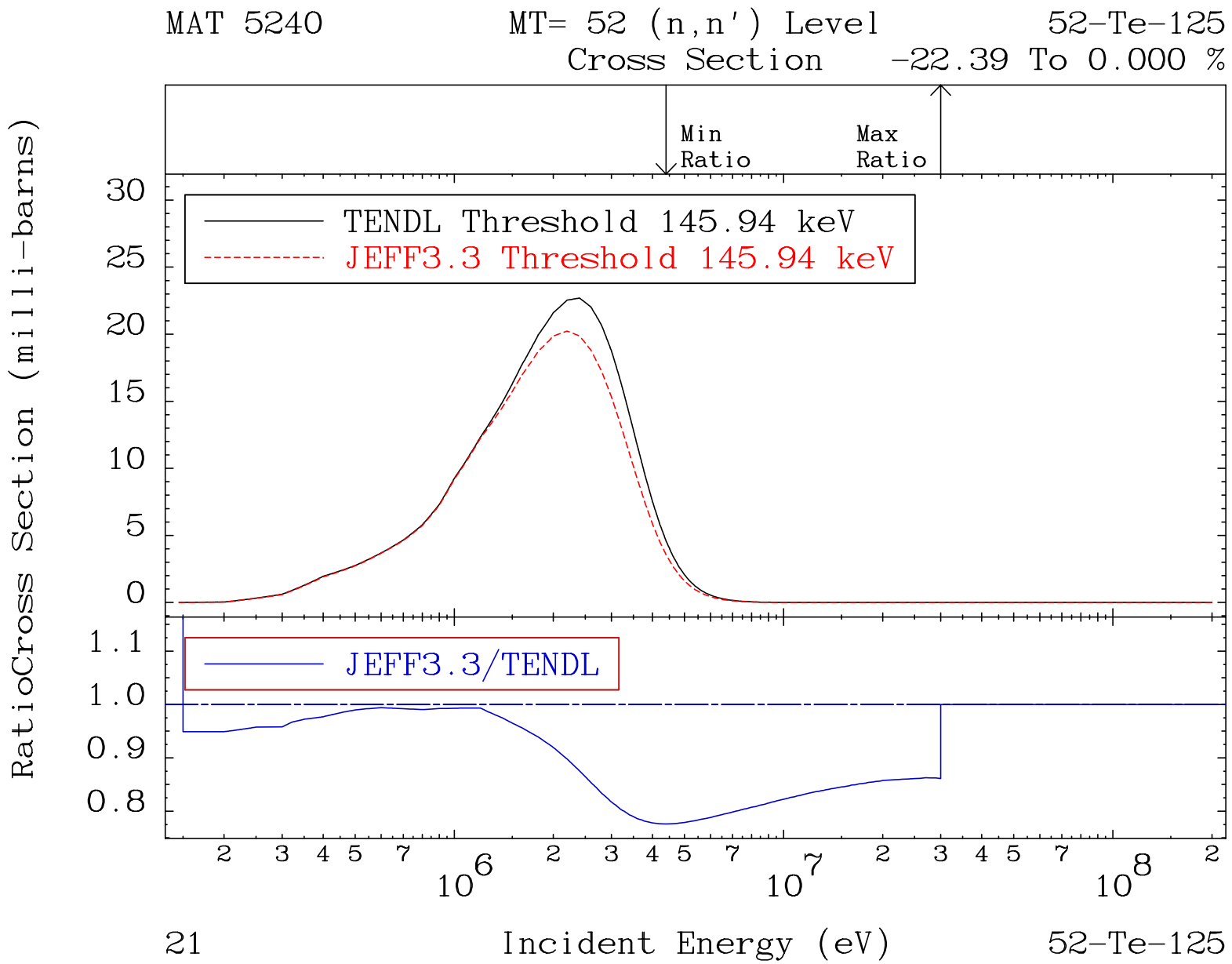

MAT 5240
(n,2n) p
Cross Section
52-Te-125
-99.98 To 505.0 %
Max
Ratio
TENDL Threshold 15.282 MeV
JEFF3.3 Threshold 15.282 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
10^{2}
10^{0}
10^{-2}
10^{-4}
2
3
4
5
6
7
8
9
10^{8}
2
16
Incident Energy (eV)
52-Te-125

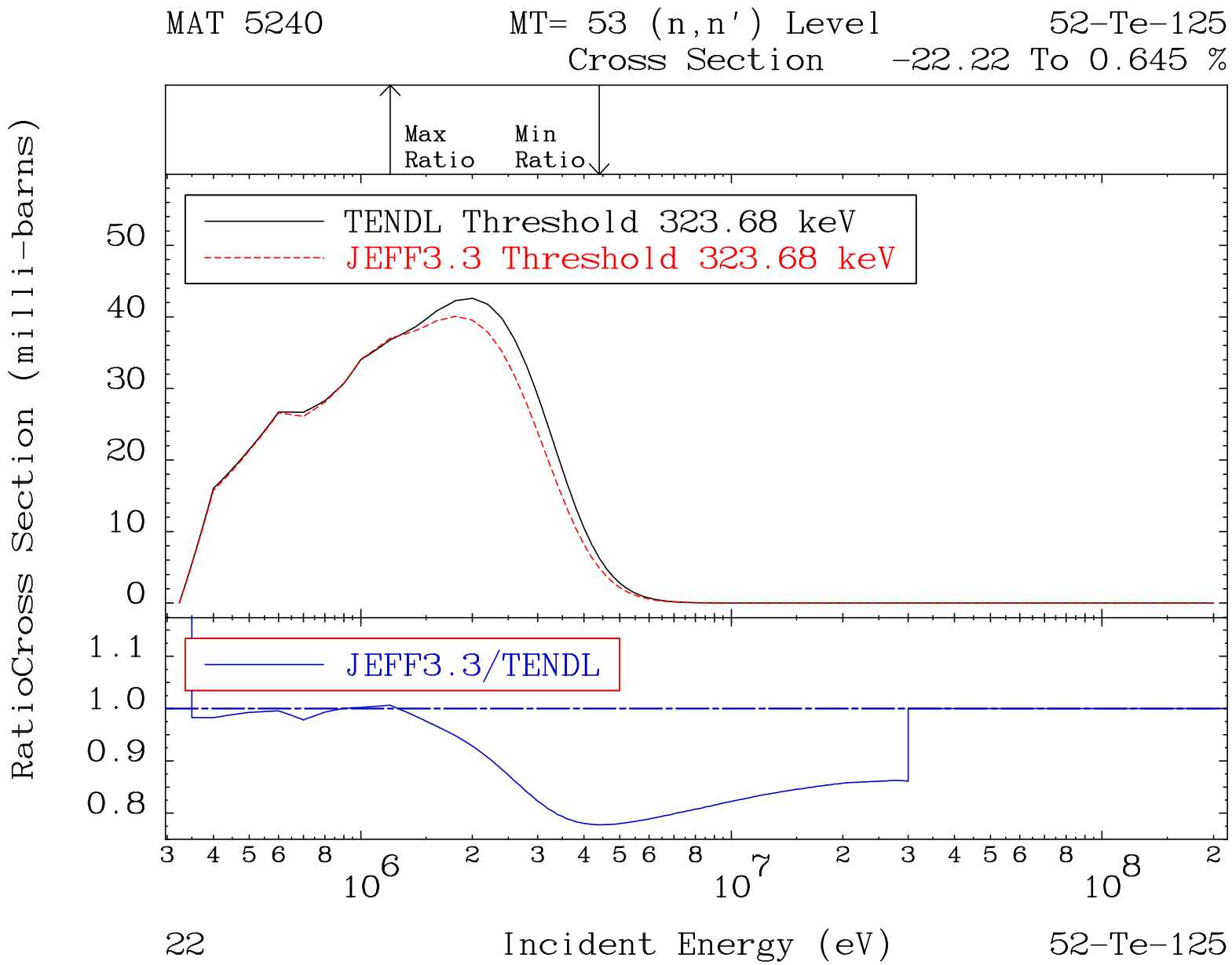

MAT 5240
(n,3n) p
52-Te-125
Cross Section
-100.0 To 9999. %
Max
Ratio
TENDL Threshold 24.314 MeV
JEFF3.3 Threshold 24.314 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
100
80
60
40
20
0
20
10
0
40
60
80
100
120
140
160
180
200
17
Incident Energy (MeV)
52-Te-125

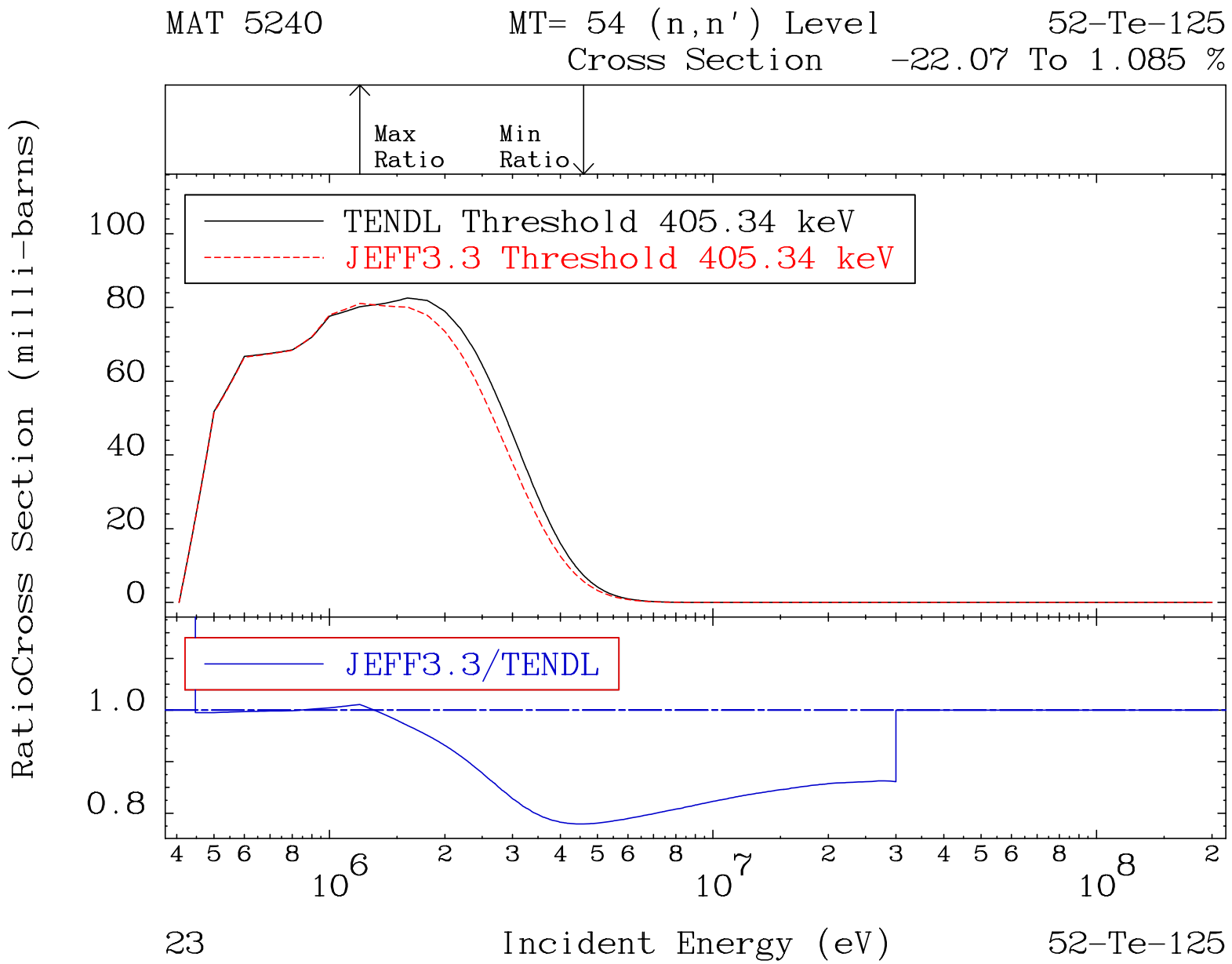

MAT 5240
(n,2n) p
Cross Section
52-Te-125
-99.80 To 233.7 %
Min Ratio
Max Ratio
TENDL Threshold 15.913 MeV
JEFF3.3 Threshold 15.913 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
18
52-Te-125

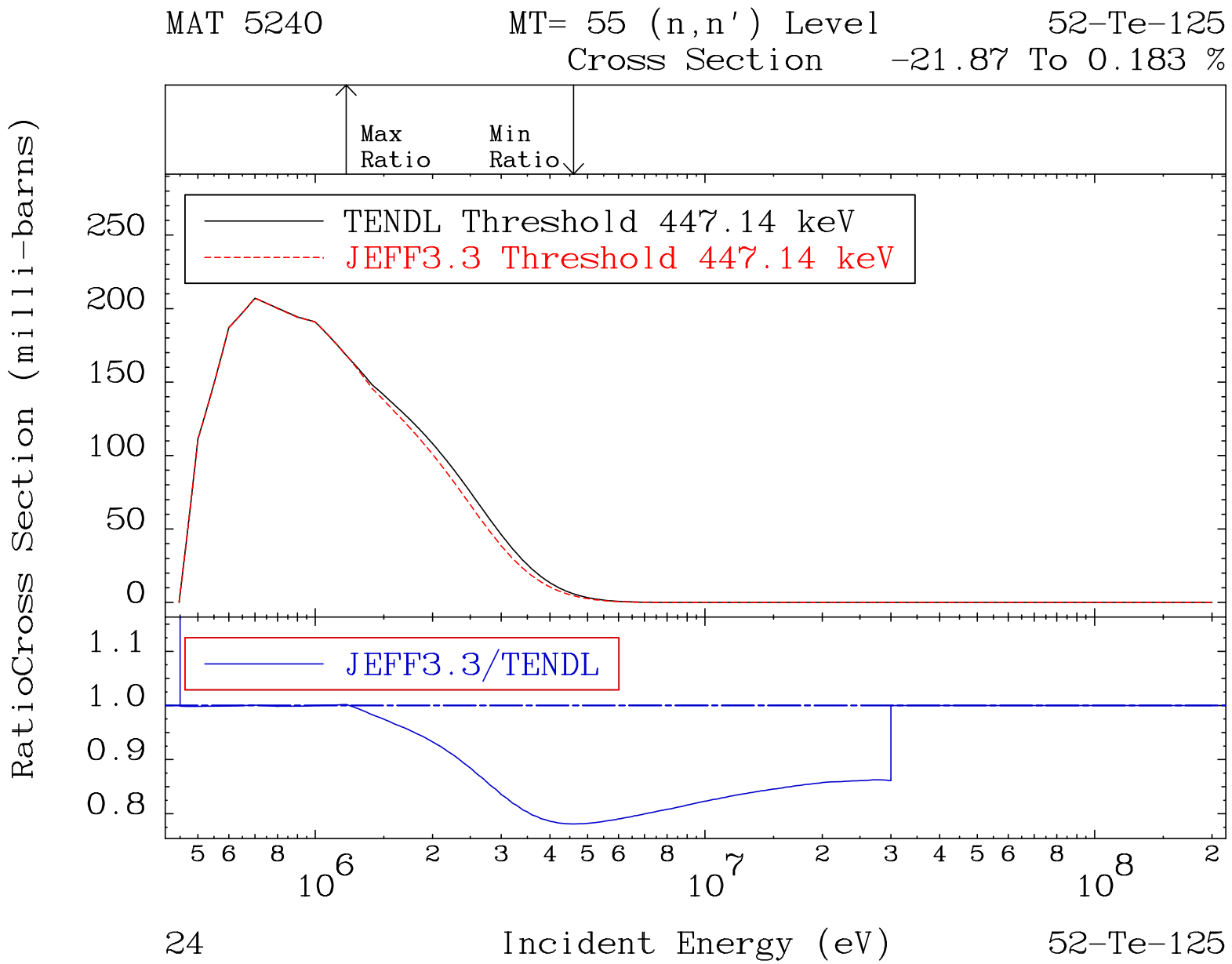

MAT 5240
(n,n') p α
52-Te-125
Cross Section
-100.0 To 8739. %
Min Ratio
Max Ratio
TENDL Threshold 13.113 MeV
JEFF3.3 Threshold 13.113 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
60
50
40
30
20
10
0
120
80
40
0
2
3
4
5
6
7
8
9
10^{8}
2
19
Incident Energy (eV)
52-Te-125

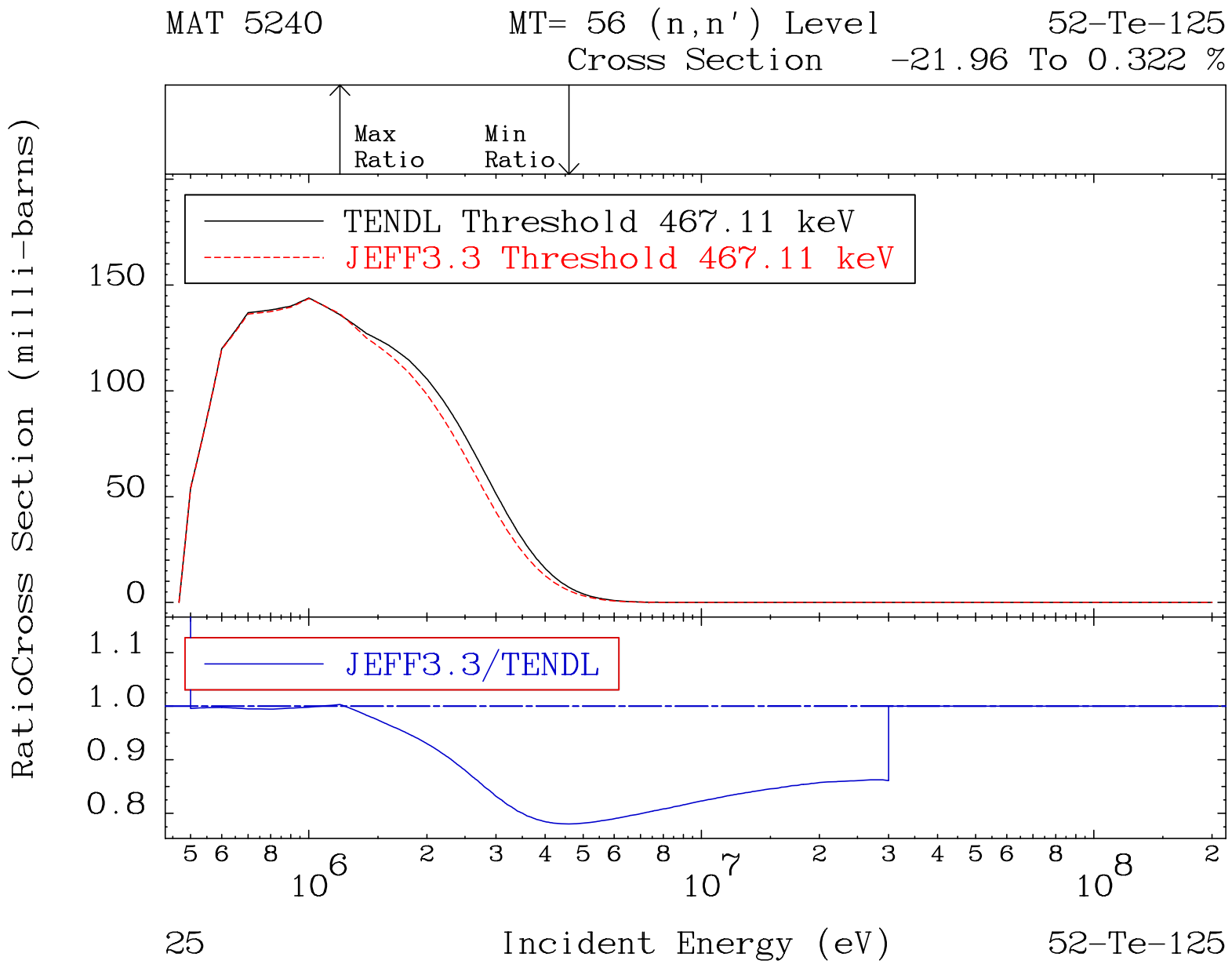

MAT 5240
MT= 51 (n,n') Level
52-Te-125
Cross Section
-21.89 To 0.459 %
Max Ratio
Min Ratio
TENDL Threshold 35.779 keV
JEFF3.3 Threshold 35.779 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
800
600
400
200
0
1.1
1.0
0.9
0.8
5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
20
Incident Energy (eV)
52-Te-125

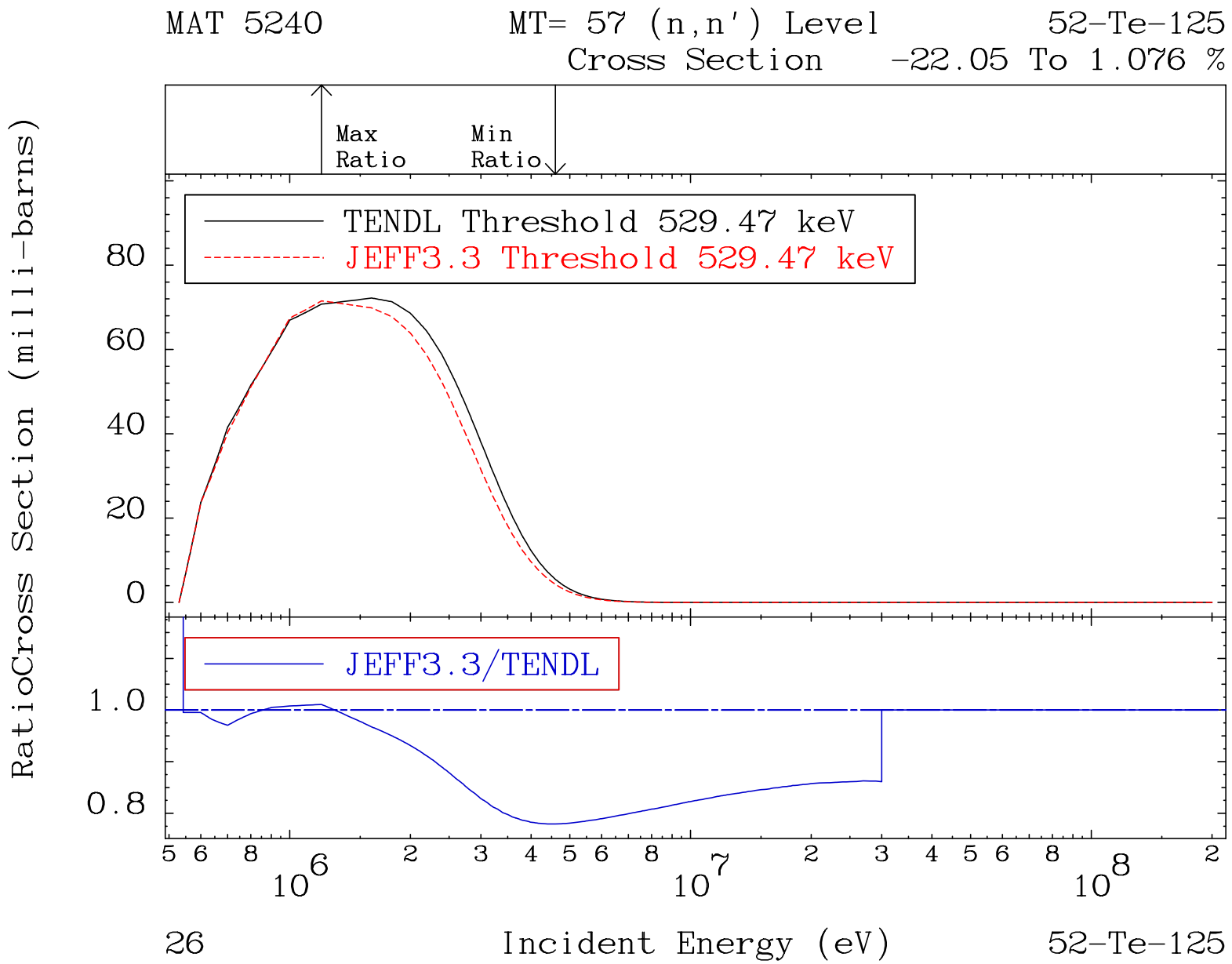

MAT 5240
MT= 52 (n,n') Level
52-Te-125
Cross Section
-22.39 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 145.94 keV
JEFF3.3 Threshold 145.94 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
30
25
20
15
10
5
0
1.1
1.0
0.9
0.8
2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
21
Incident Energy (eV)
52-Te-125

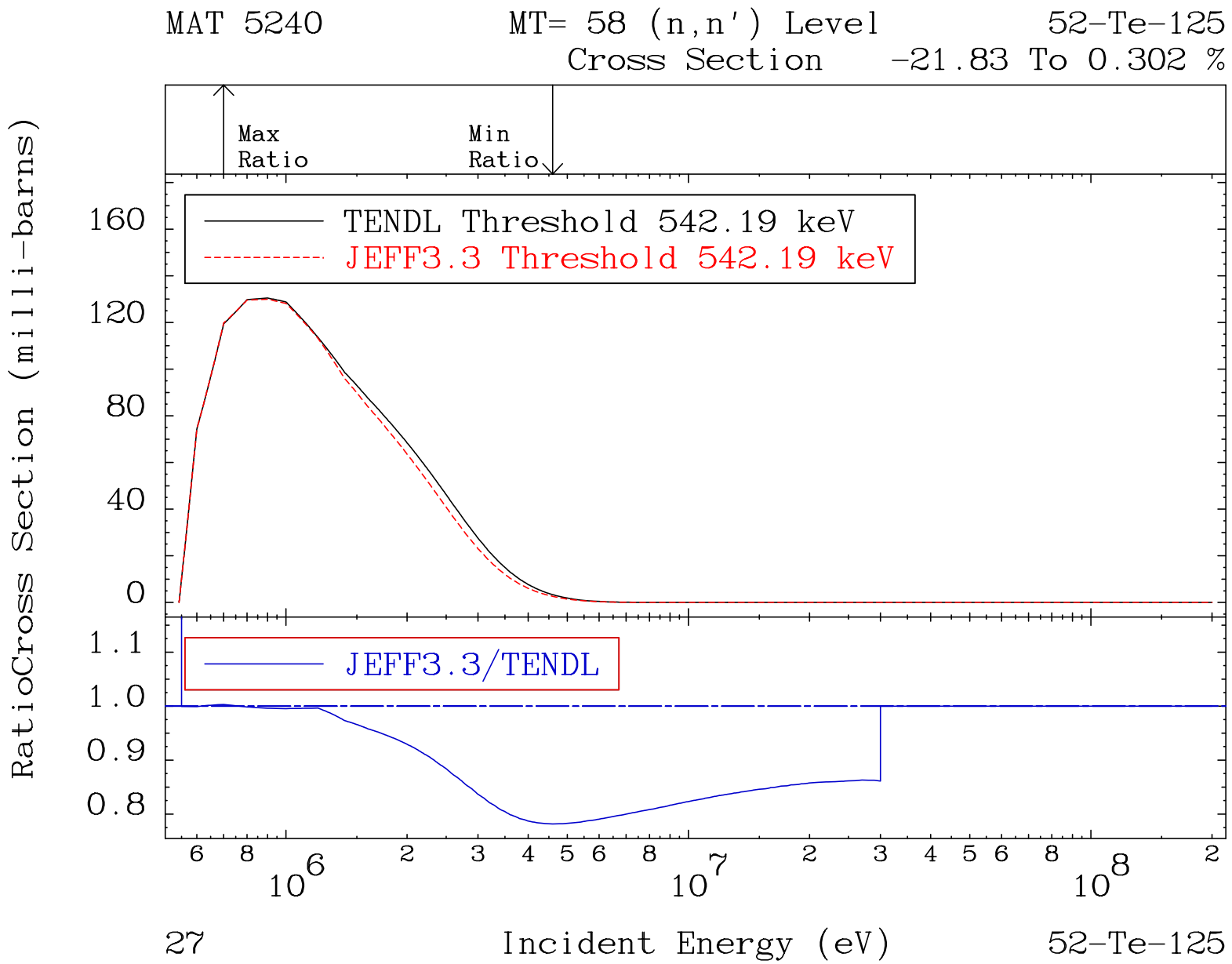

MAT 5240
MT= 53 (n,n') Level
52-Te-125
Cross Section
-22.22 To 0.645 %
Max Ratio
Min Ratio
TENDL Threshold 323.68 keV
JEFF3.3 Threshold 323.68 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
1.1
1.0
0.9
0.8
3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
Incident Energy (eV)
22
52-Te-125

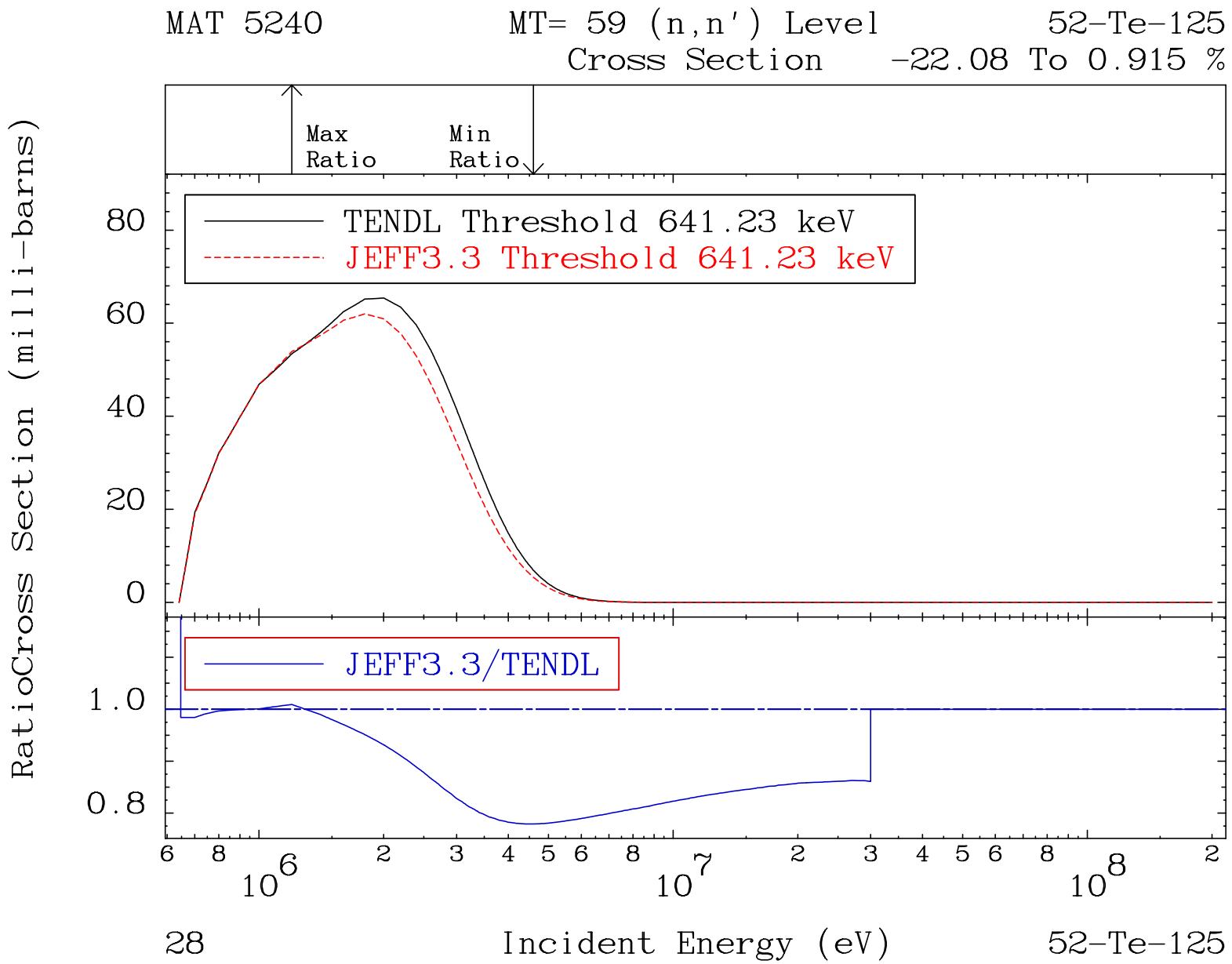

MAT 5240
MT= 54 (n,n') Level
52-Te-125
Cross Section
-22.07 To 1.085 %
Max Ratio
Min Ratio
TENDL Threshold 405.34 keV
JEFF3.3 Threshold 405.34 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
100
80
60
40
20
0
1.0
0.8
4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
23
Incident Energy (eV)
52-Te-125

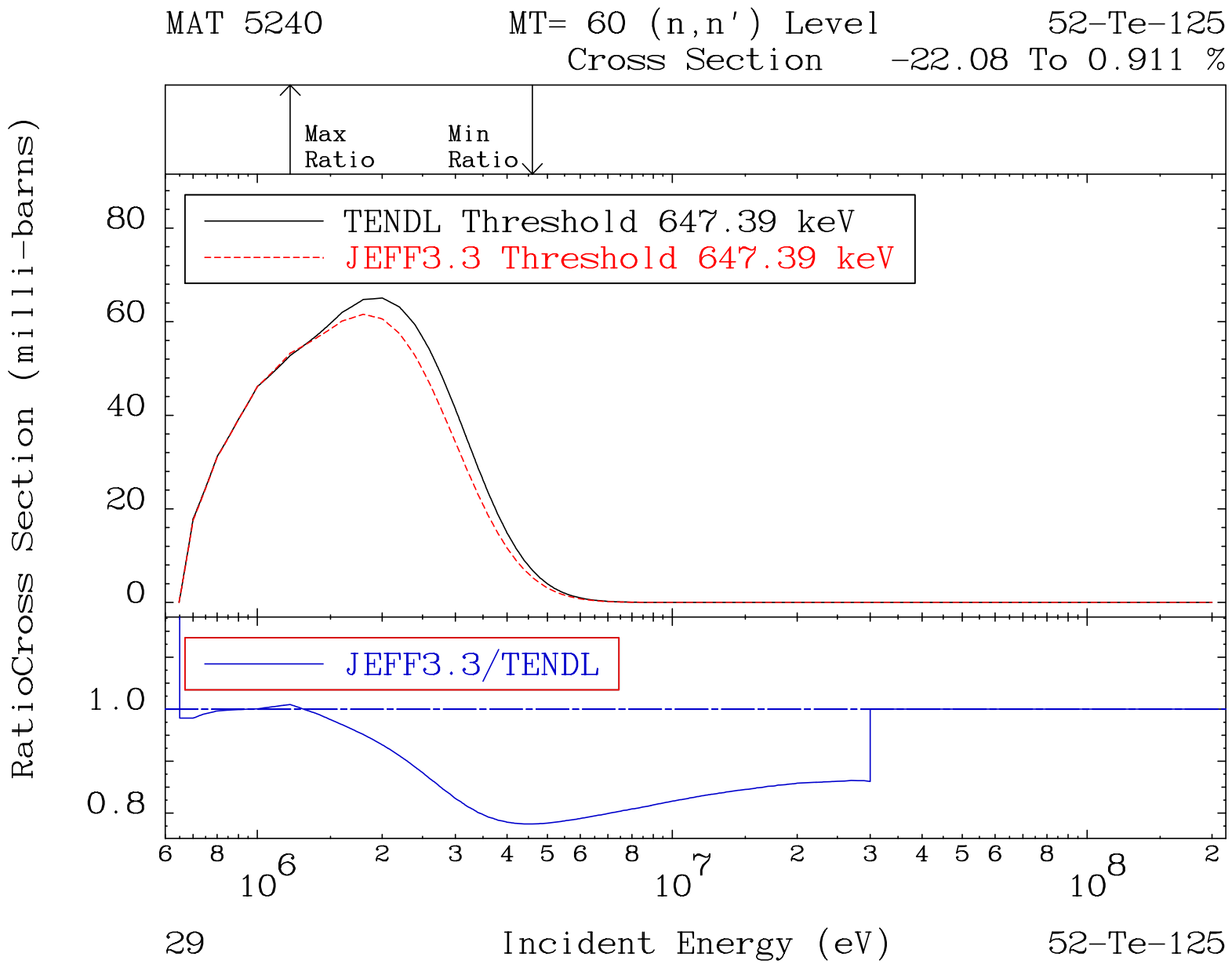

MAT 5240
MT= 55 (n,n') Level
52-Te-125
Cross Section
-21.87 To 0.183 %
Max Ratio
Min Ratio
TENDL Threshold 447.14 keV
JEFF3.3 Threshold 447.14 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
1.1
1.0
0.9
0.8
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
24
Incident Energy (eV)
52-Te-125

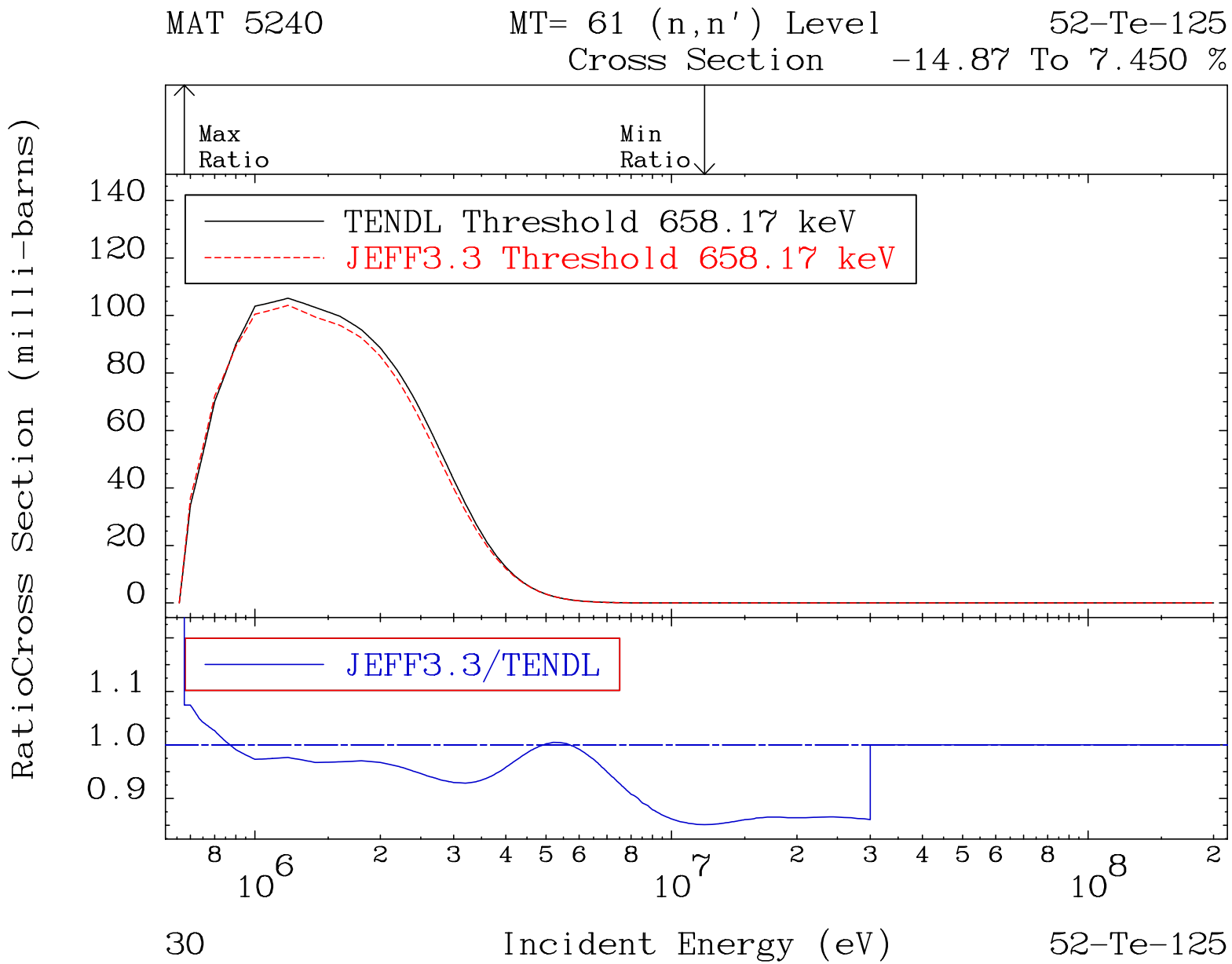

MAT 5240
MT= 56 (n,n') Level
52-Te-125
Cross Section
-21.96 To 0.322 %
Max Ratio
Min Ratio
TENDL Threshold 467.11 keV
JEFF3.3 Threshold 467.11 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
150
100
50
0
1.1
1.0
0.9
0.8
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
25
Incident Energy (eV)
52-Te-125

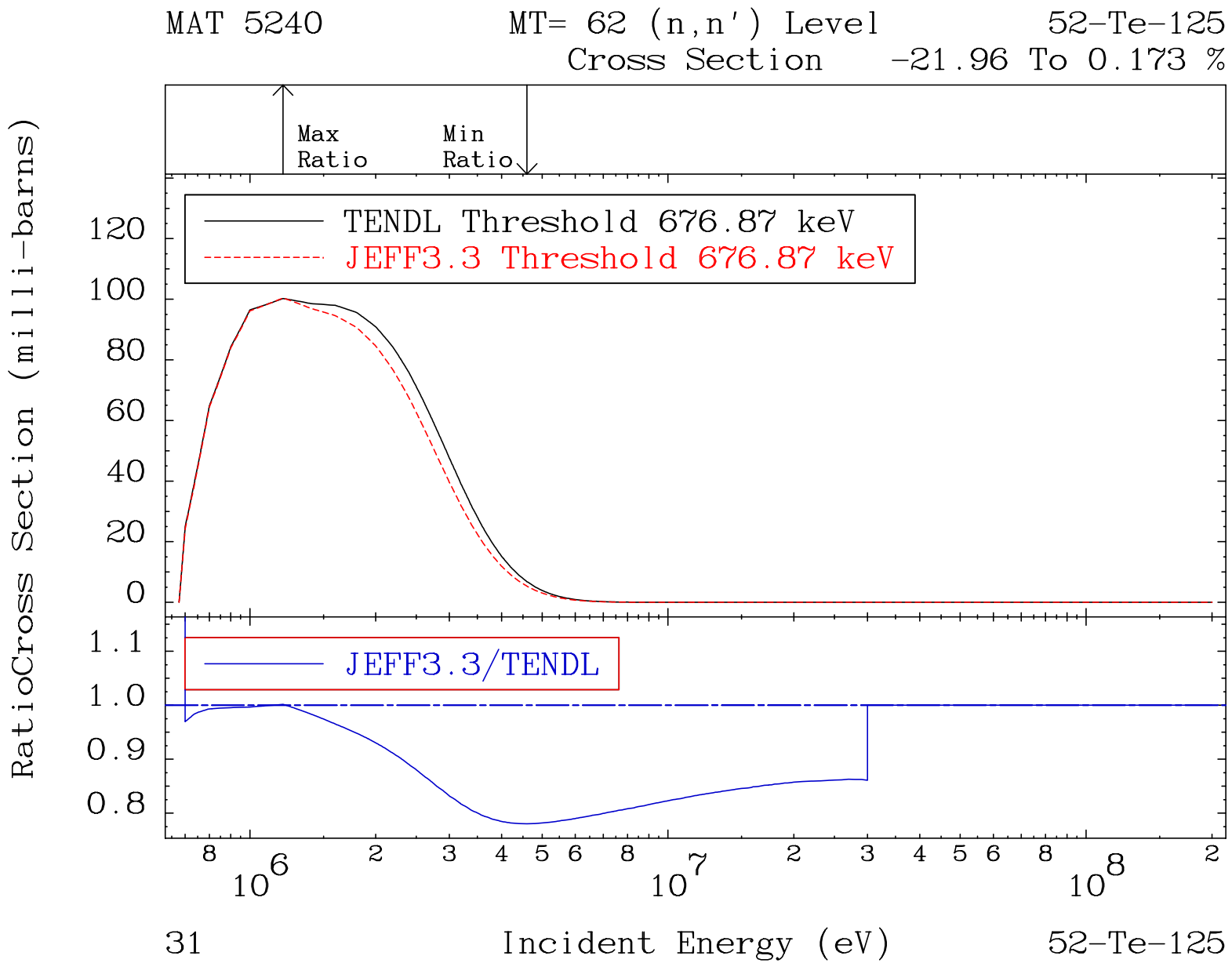

MAT 5240
MT= 57 (n,n') Level
52-Te-125
Cross Section
-22.05 To 1.076 %
Max Ratio
Min Ratio
TENDL Threshold 529.47 keV
JEFF3.3 Threshold 529.47 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.0
0.8
5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
26
Incident Energy (eV)
52-Te-125

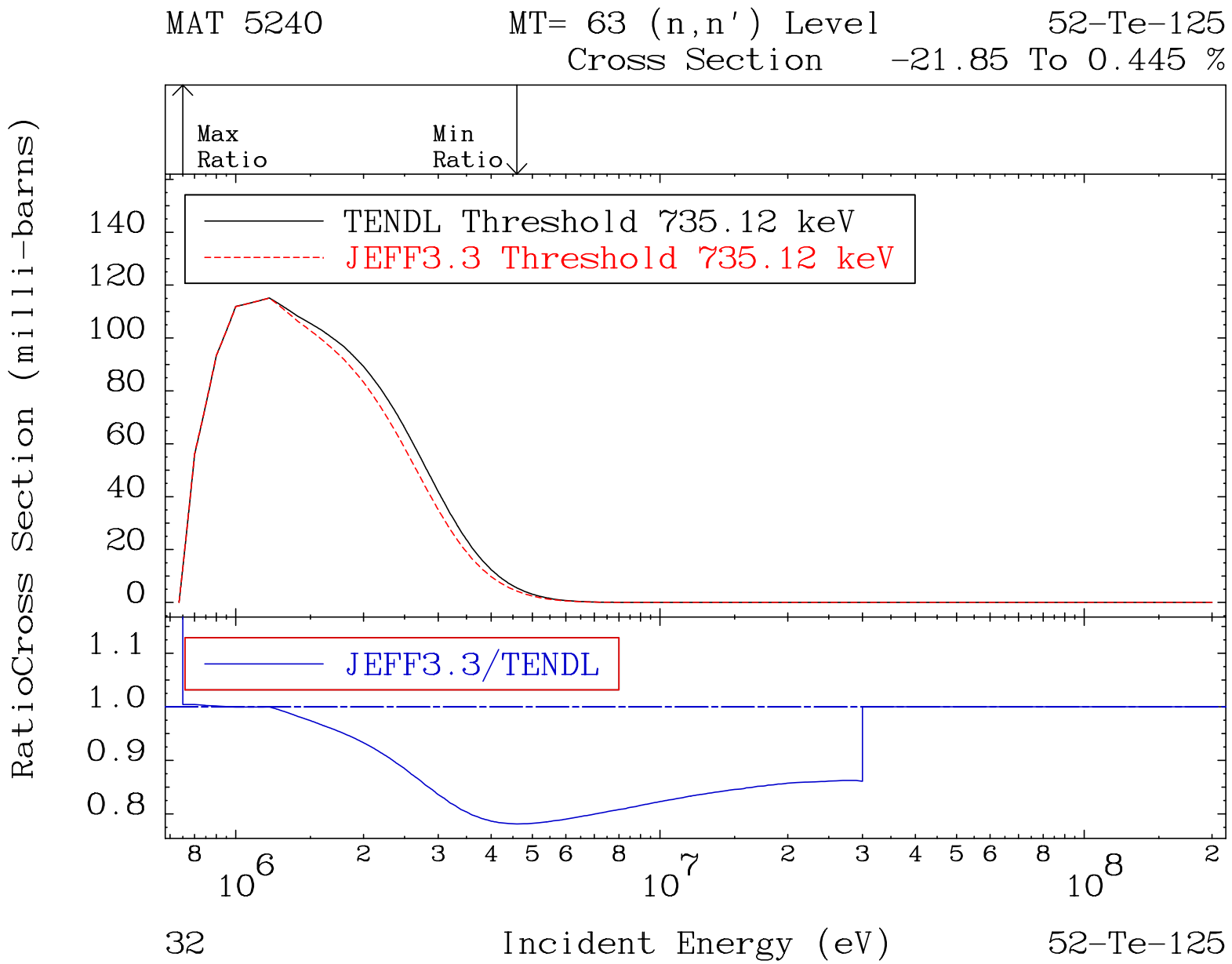

MAT 5240
MT= 58 (n,n') Level
52-Te-125
Cross Section
-21.83 To 0.302 %
Max Ratio
Min Ratio
TENDL Threshold 542.19 keV
JEFF3.3 Threshold 542.19 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
160
120
80
40
0
1.1
1.0
0.9
0.8
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
27
Incident Energy (eV)
52-Te-125

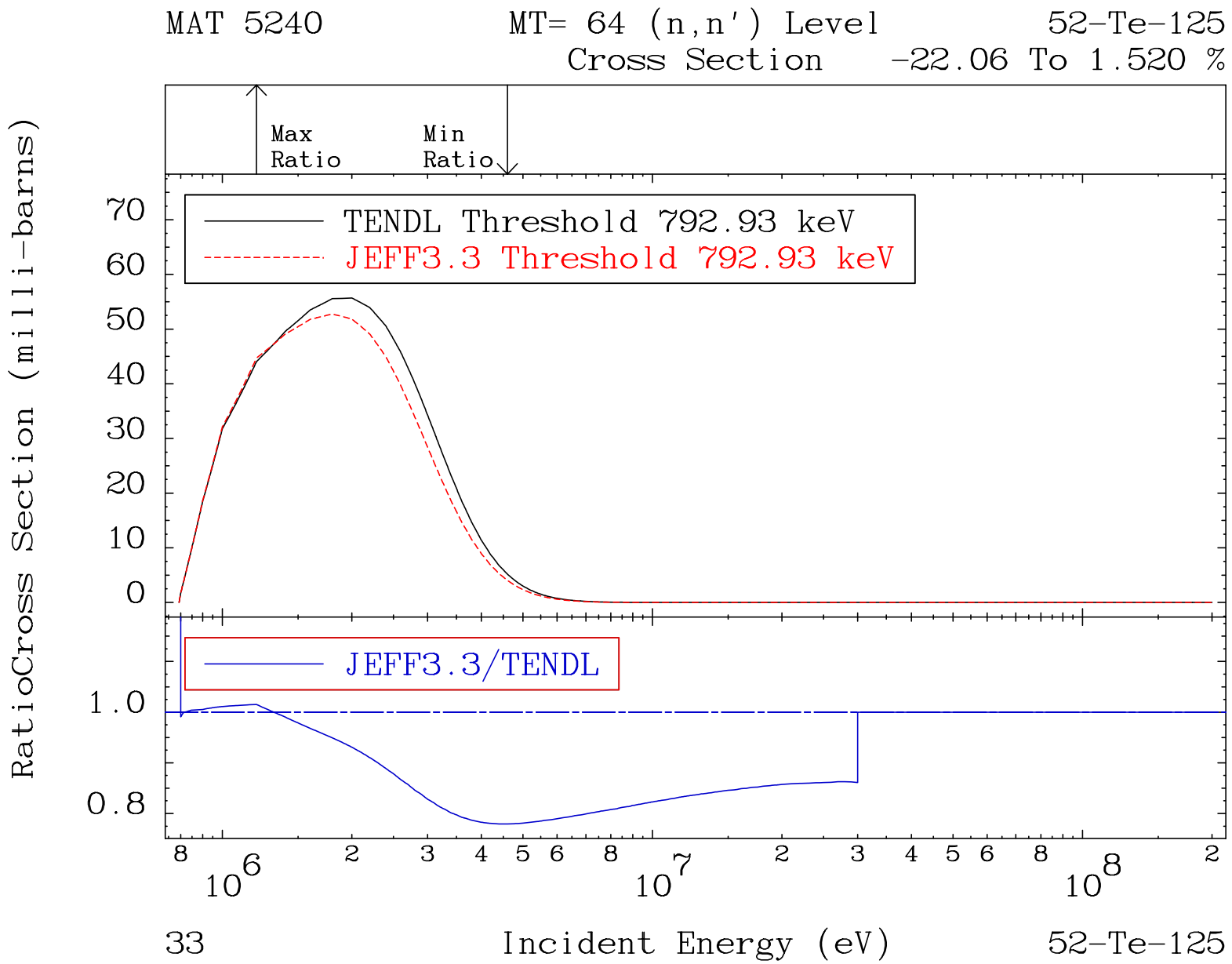

MAT 5240
MT= 59 (n,n') Level
52-Te-125
Cross Section
-22.08 To 0.915 %
Max Ratio
Min Ratio
TENDL Threshold 641.23 keV
JEFF3.3 Threshold 641.23 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.0
0.8
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
28
Incident Energy (eV)
52-Te-125

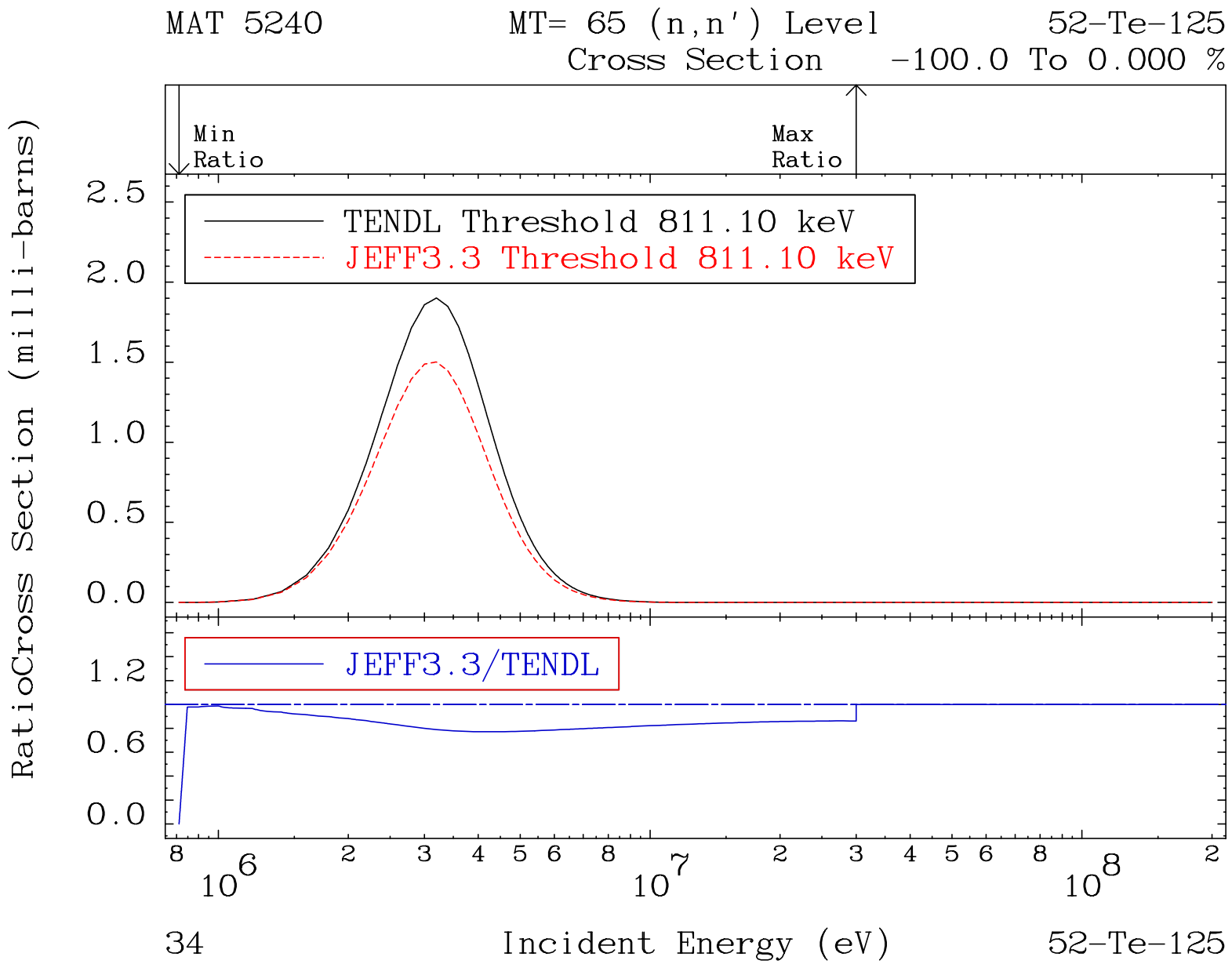

MAT 5240
MT= 60 (n,n') Level
52-Te-125
Cross Section
-22.08 To 0.911 %
Max Ratio
Min Ratio
TENDL Threshold 647.39 keV
JEFF3.3 Threshold 647.39 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.0
0.8
6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
29
Incident Energy (eV)
52-Te-125

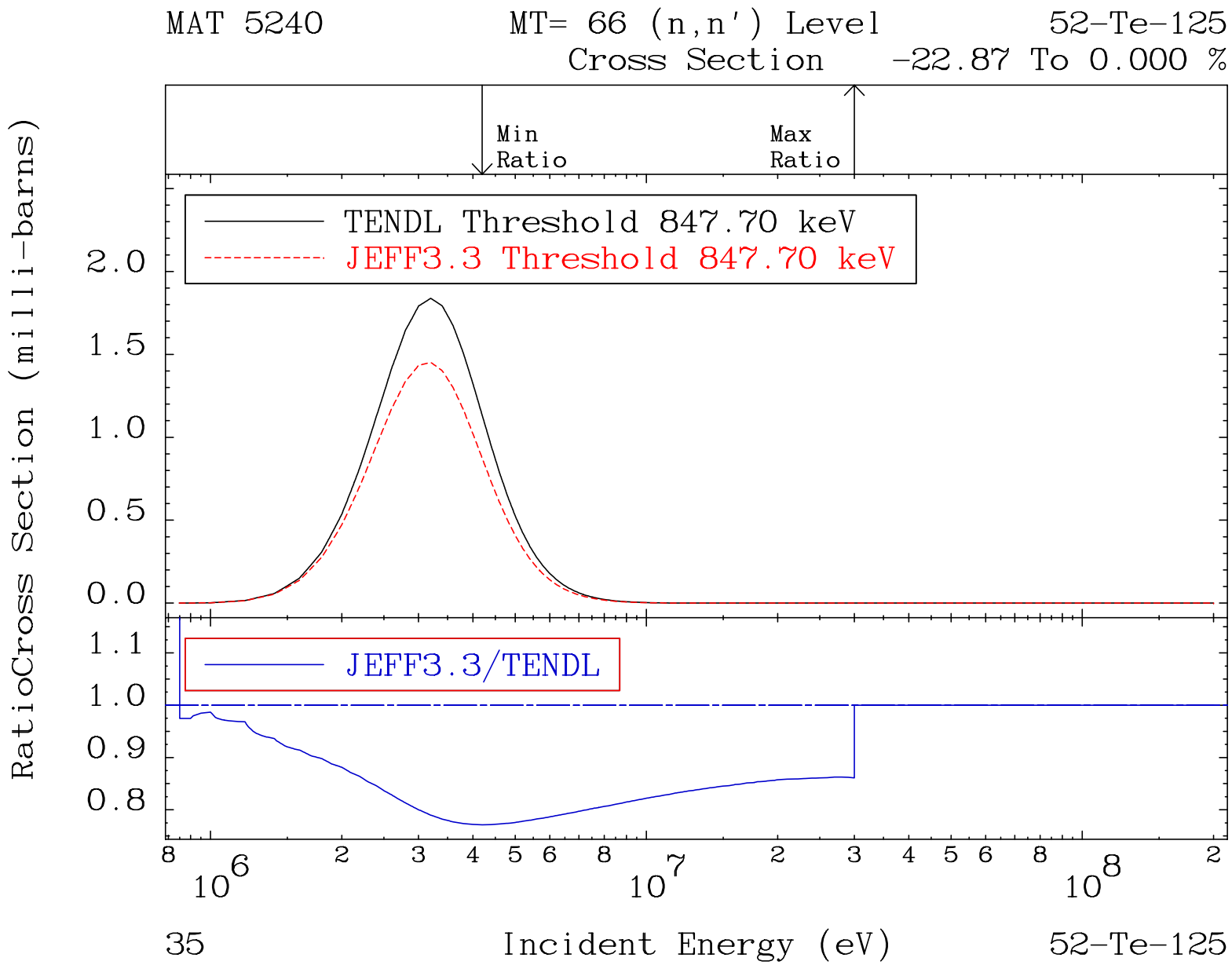

MAT 5240
MT= 61 (n,n') Level
52-Te-125
Cross Section
-14.87 To 7.450 %
Max Ratio
Min Ratio
TENDL Threshold 658.17 keV
JEFF3.3 Threshold 658.17 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
1.1
1.0
0.9
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
30
Incident Energy (eV)
52-Te-125

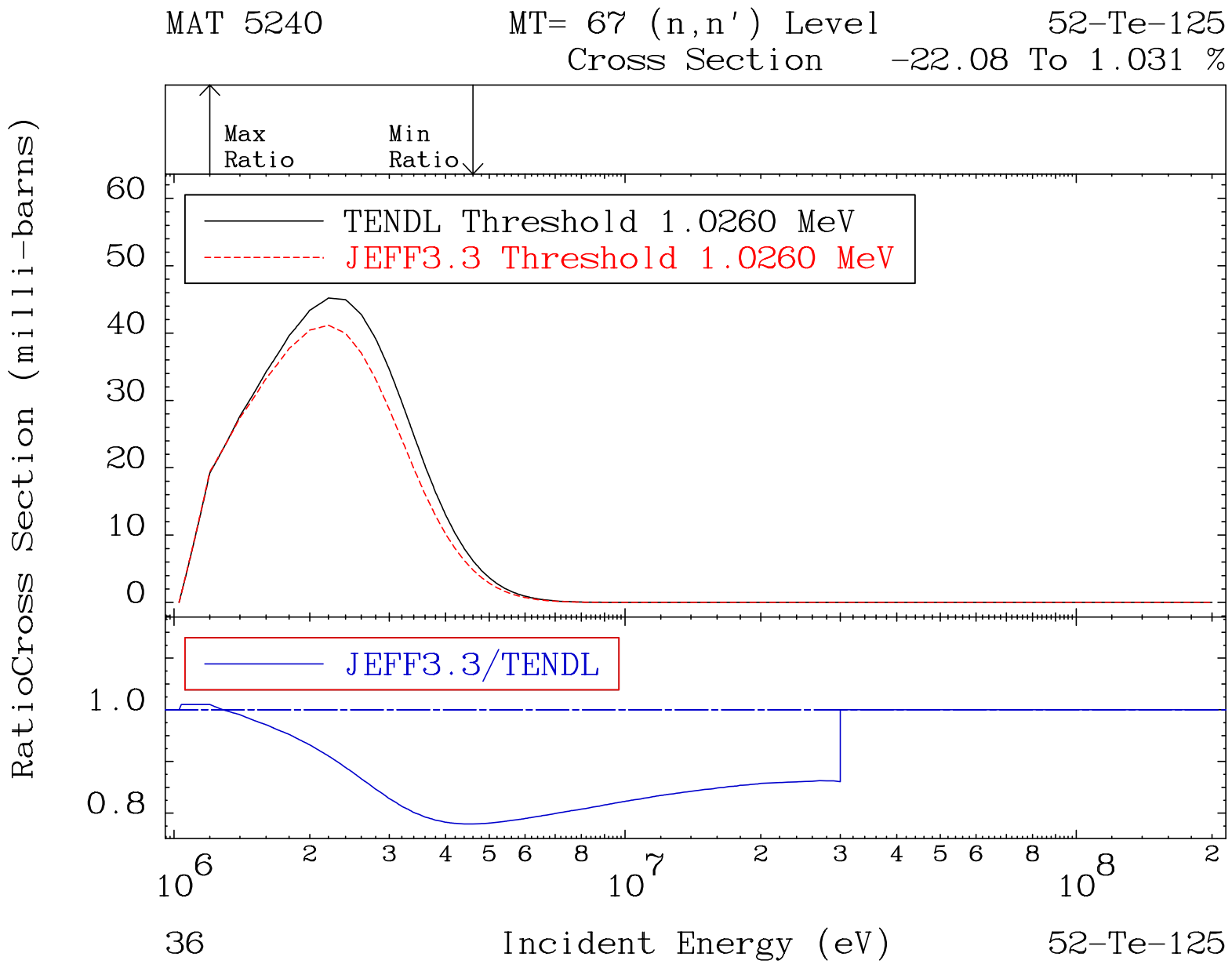

MAT 5240
MT= 62 (n,n') Level
52-Te-125
Cross Section
-21.96 To 0.173 %
Max Ratio
Min Ratio
TENDL Threshold 676.87 keV
JEFF3.3 Threshold 676.87 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
120
100
80
60
40
20
0
1.1
1.0
0.9
0.8
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
31
Incident Energy (eV)
52-Te-125

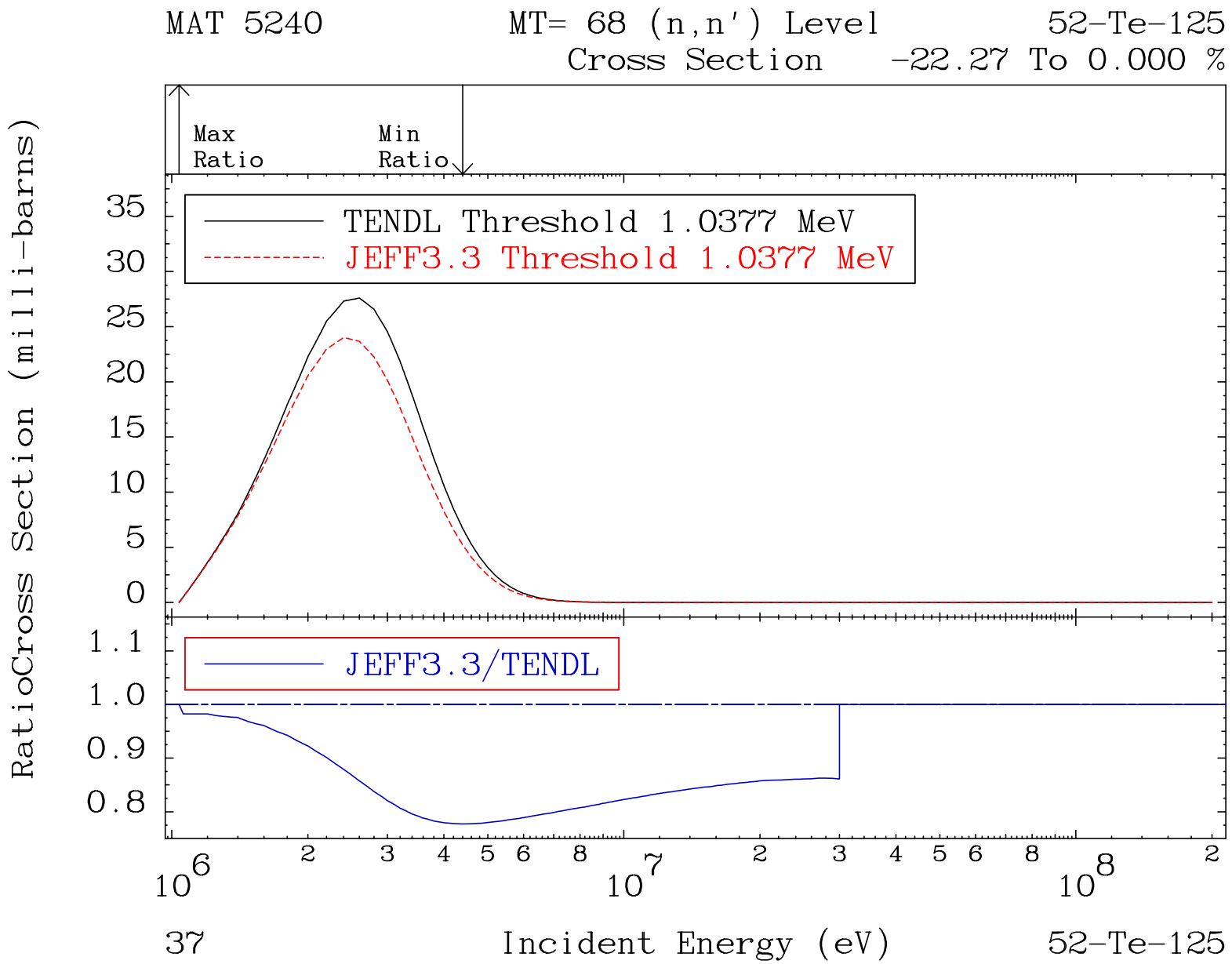

MAT 5240
MT= 63 (n,n') Level
52-Te-125
Cross Section
-21.85 To 0.445 %
Max Ratio
Min Ratio
TENDL Threshold 735.12 keV
JEFF3.3 Threshold 735.12 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
140
120
100
80
60
40
20
0
1.1
1.0
0.9
0.8
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
32
Incident Energy (eV)
52-Te-125

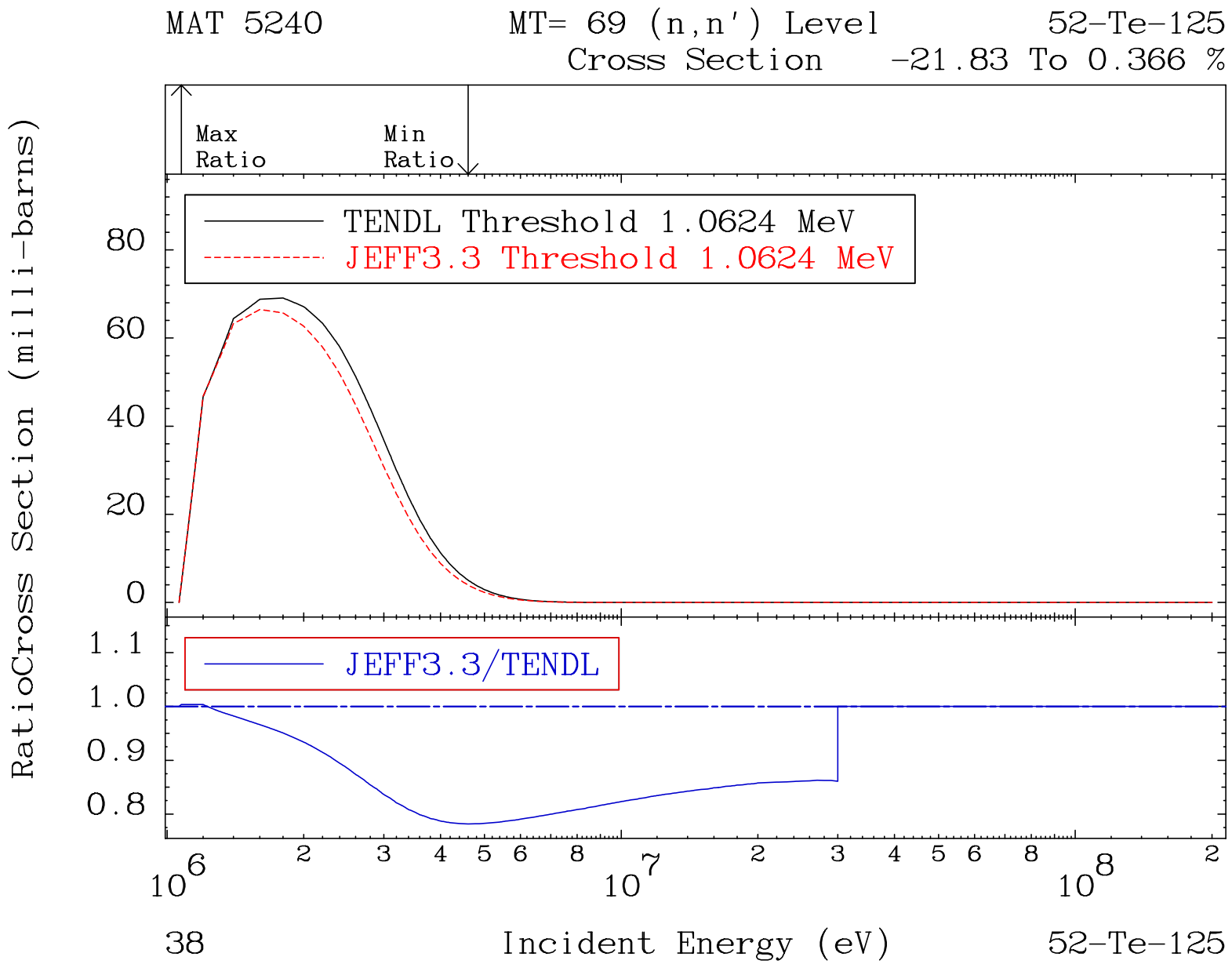

MAT 5240
MT= 64 (n,n') Level
52-Te-125
Cross Section
-22.06 To 1.520 %
Max Ratio
Min Ratio
TENDL Threshold 792.93 keV
JEFF3.3 Threshold 792.93 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
70
60
50
40
30
20
10
0
1.0
0.8
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
33
Incident Energy (eV)
52-Te-125

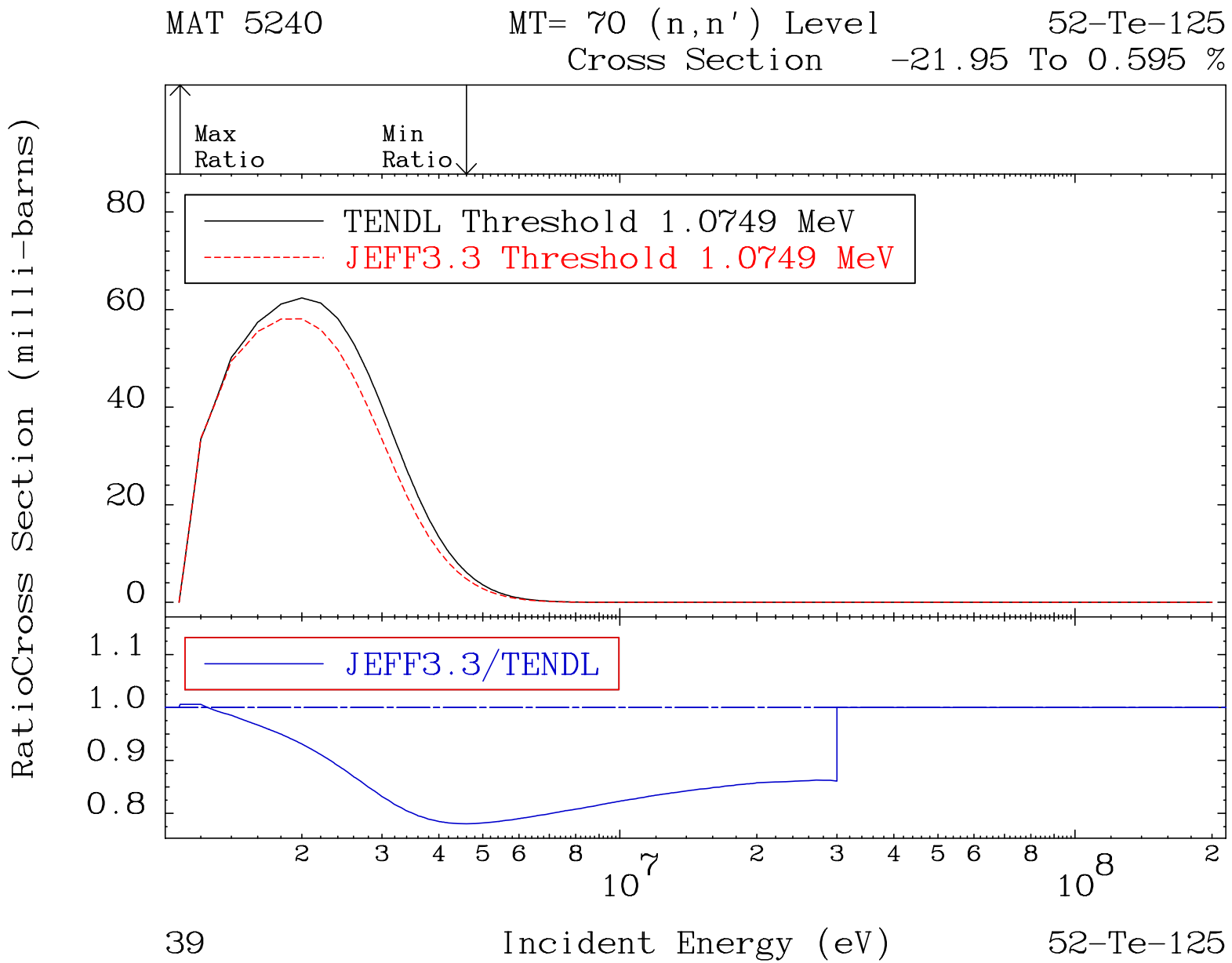

MAT 5240
MT= 65 (n,n') Level
52-Te-125
Cross Section
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 811.10 keV
JEFF3.3 Threshold 811.10 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
1.2
0.6
0.0
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
34
Incident Energy (eV)
52-Te-125

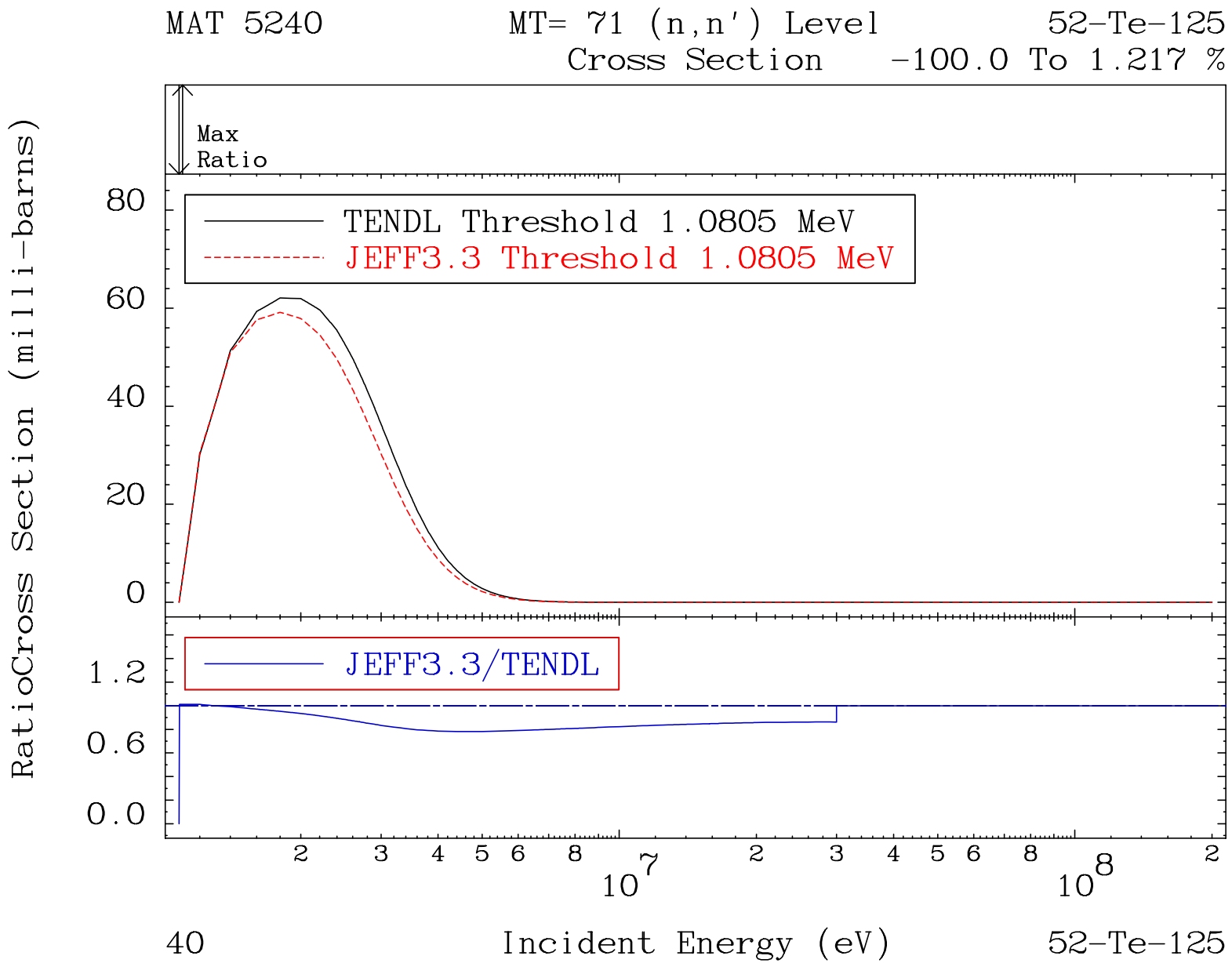

MAT 5240
MT= 66 (n,n') Level
Cross Section
52-Te-125
-22.87 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 847.70 keV
JEFF3.3 Threshold 847.70 keV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
1.1
1.0
0.9
0.8
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
35
Incident Energy (eV)
52-Te-125

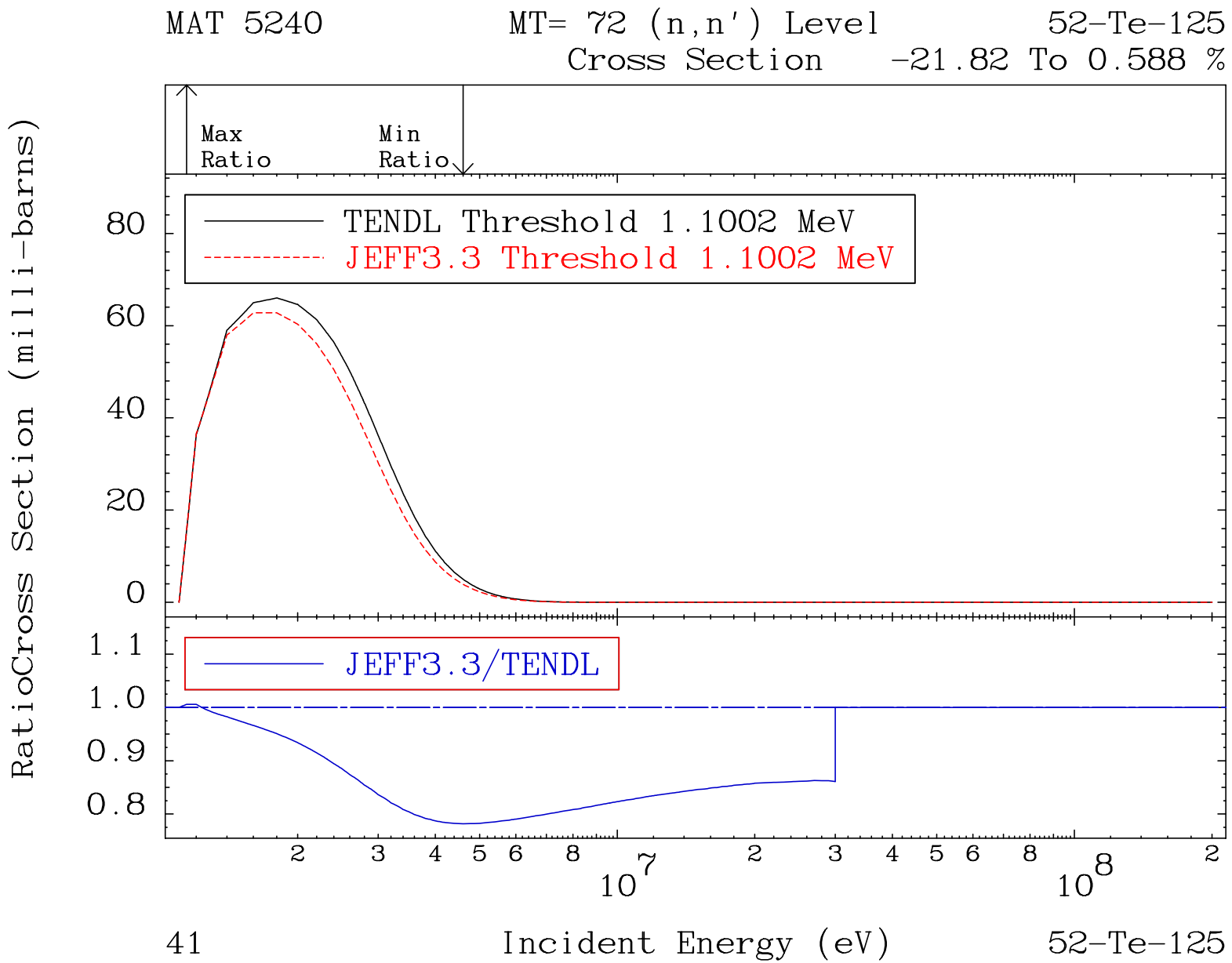

MAT 5240
MT= 67 (n,n') Level
52-Te-125
Cross Section
-22.08 To 1.031 %
Max Ratio
Min Ratio
TENDL Threshold 1.0260 MeV
JEFF3.3 Threshold 1.0260 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
1.0
0.8
10^6
10^7
10^8
Incident Energy (eV)
36
52-Te-125

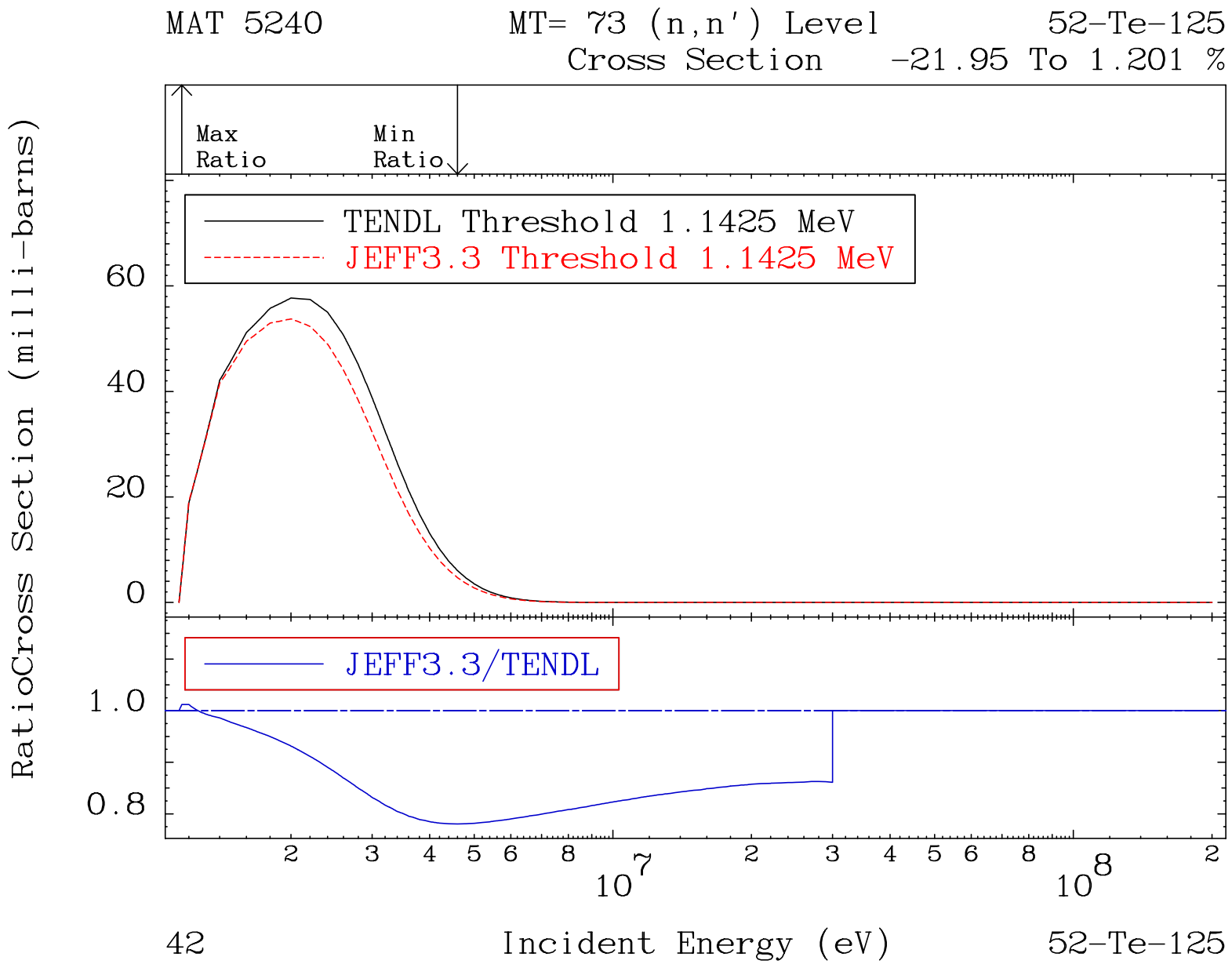

MAT 5240
MT= 68 (n,n') Level
52-Te-125
Cross Section
-22.27 To 0.000 %
Max Ratio
Min Ratio
TENDL Threshold 1.0377 MeV
JEFF3.3 Threshold 1.0377 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
35
30
25
20
15
10
5
0
1.1
1.0
0.9
0.8
10^6
10^7
10^8
2
3
4
5
6
8
Incident Energy (eV)
37
52-Te-125

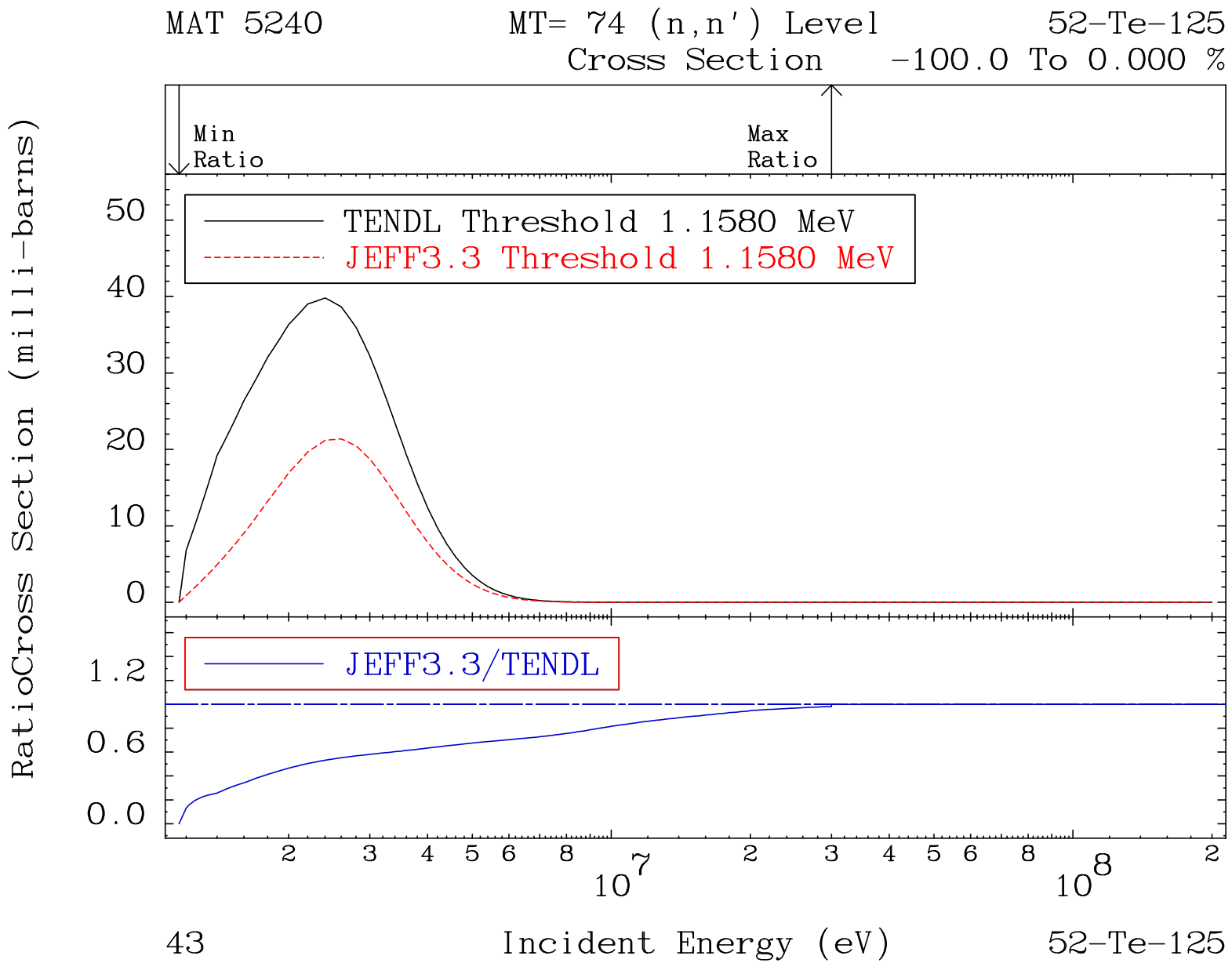

MAT 5240
MT= 69 (n,n') Level
52-Te-125
Cross Section
-21.83 To 0.366 %
Max Ratio
Min Ratio
TENDL Threshold 1.0624 MeV
JEFF3.3 Threshold 1.0624 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.1
1.0
0.9
0.8
10^6
10^7
10^8
Incident Energy (eV)
38
52-Te-125

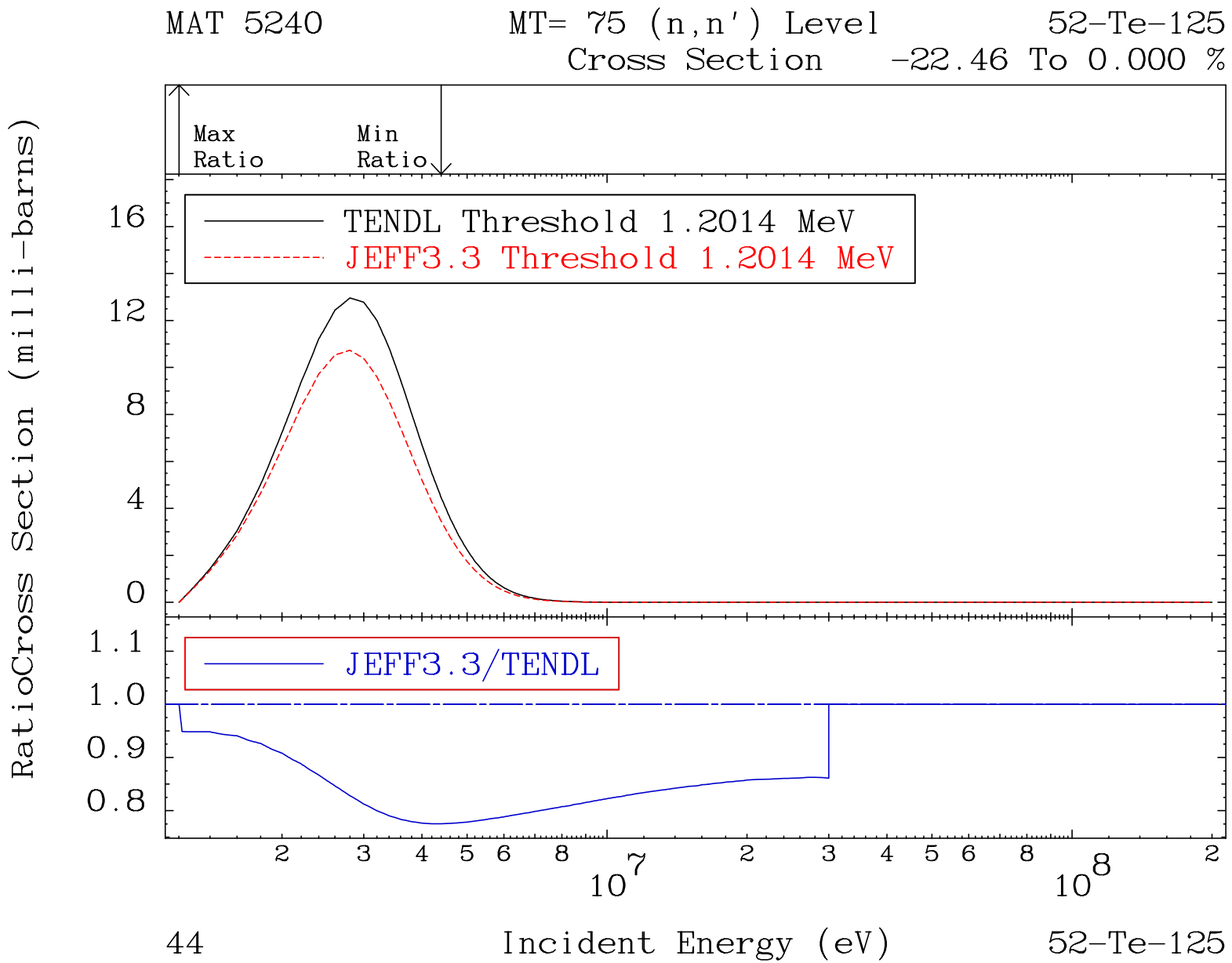

MAT 5240
MT= 70 (n,n') Level
52-Te-125
Cross Section
-21.95 To 0.595 %
Max Ratio
Min Ratio
TENDL Threshold 1.0749 MeV
JEFF3.3 Threshold 1.0749 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.1
1.0
0.9
0.8
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
39
Incident Energy (eV)
52-Te-125

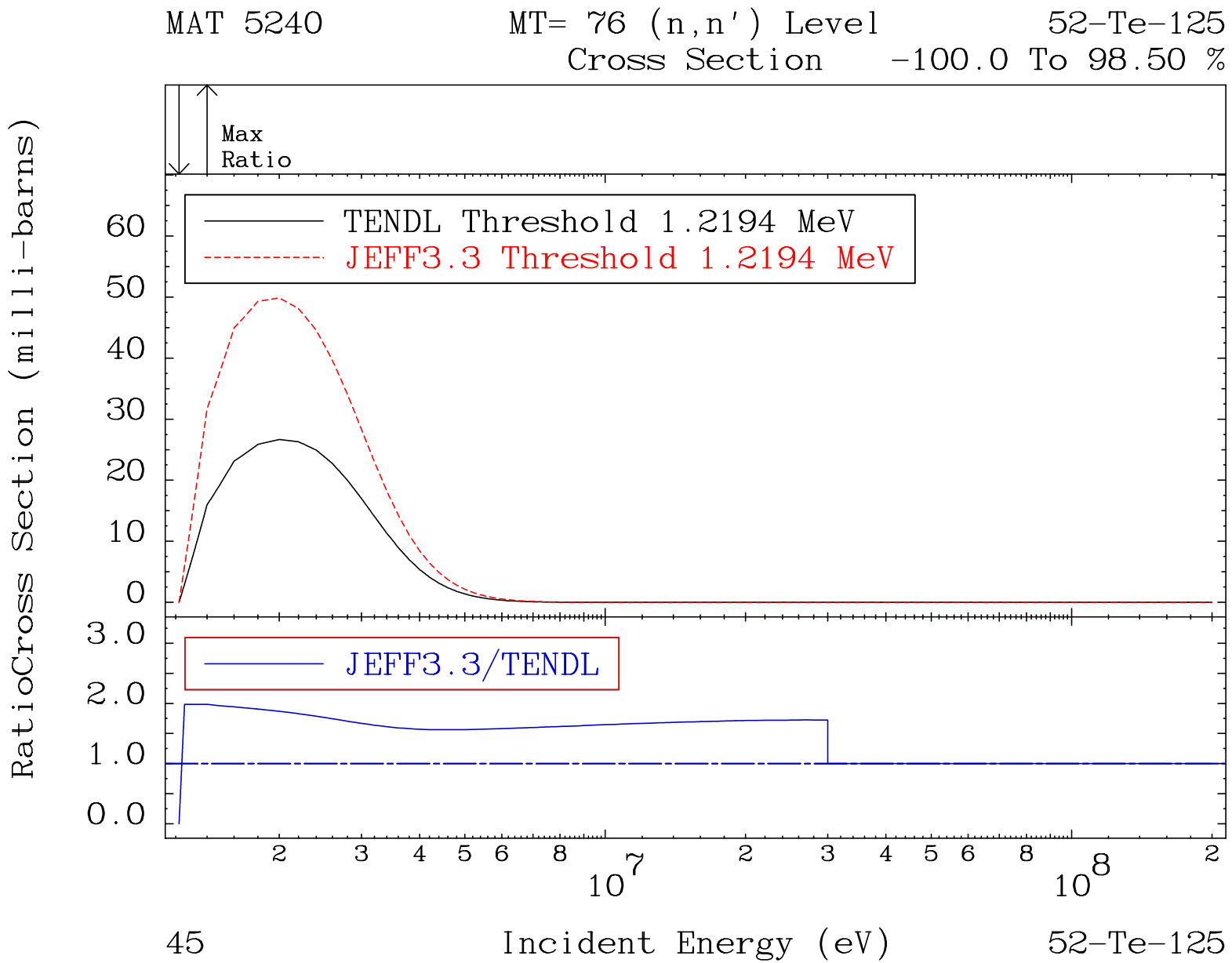

MAT 5240
MT= 71 (n,n') Level
52-Te-125
Cross Section
-100.0 To 1.217 %
Max
Ratio
TENDL Threshold 1.0805 MeV
JEFF3.3 Threshold 1.0805 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.2
0.6
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
40
Incident Energy (eV)
52-Te-125

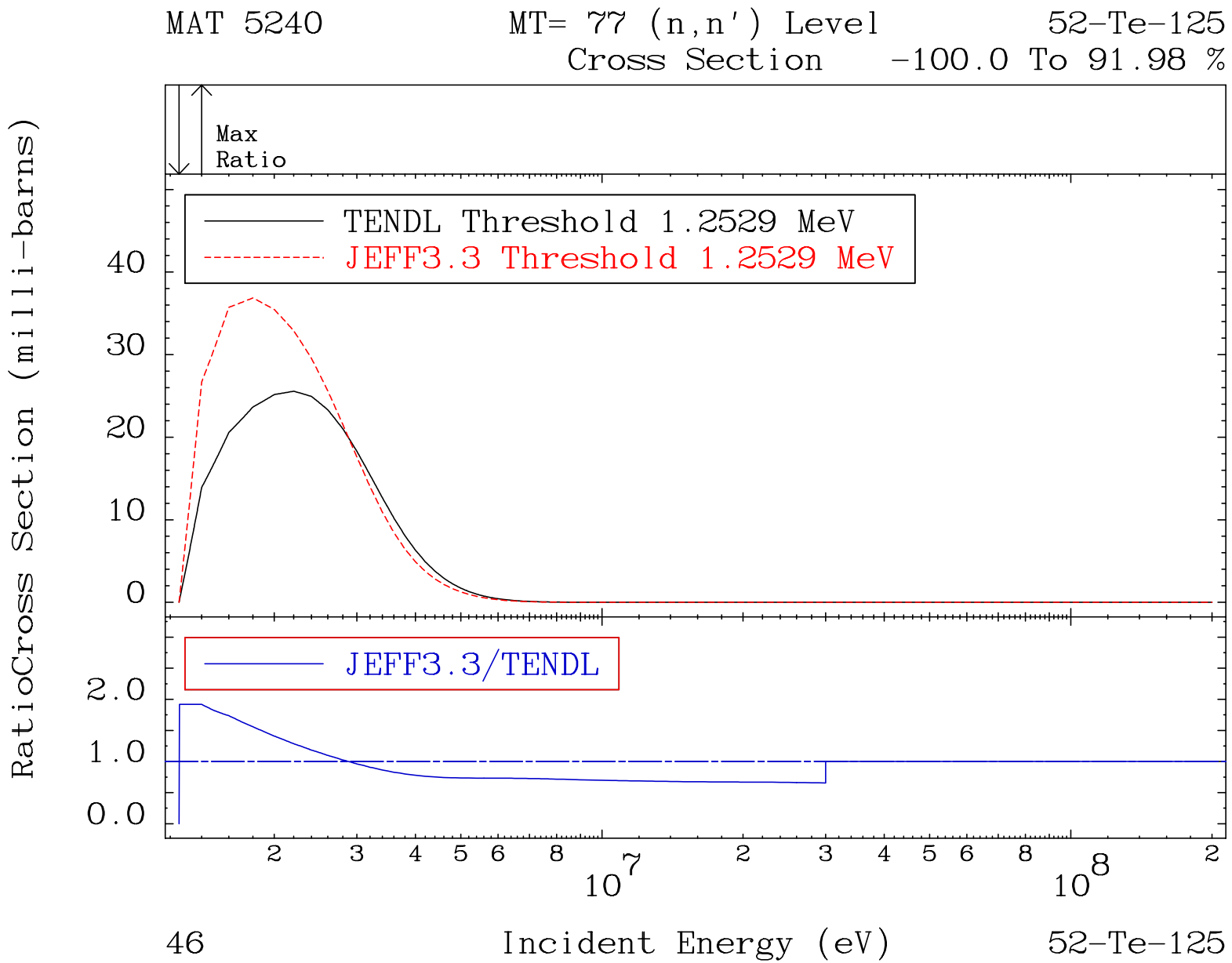

MAT 5240
MT= 72 (n,n') Level
52-Te-125
Cross Section
-21.82 To 0.588 %
Max Ratio
Min Ratio
TENDL Threshold 1.1002 MeV
JEFF3.3 Threshold 1.1002 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
80
60
40
20
0
1.1
1.0
0.9
0.8
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
41
Incident Energy (eV)
52-Te-125

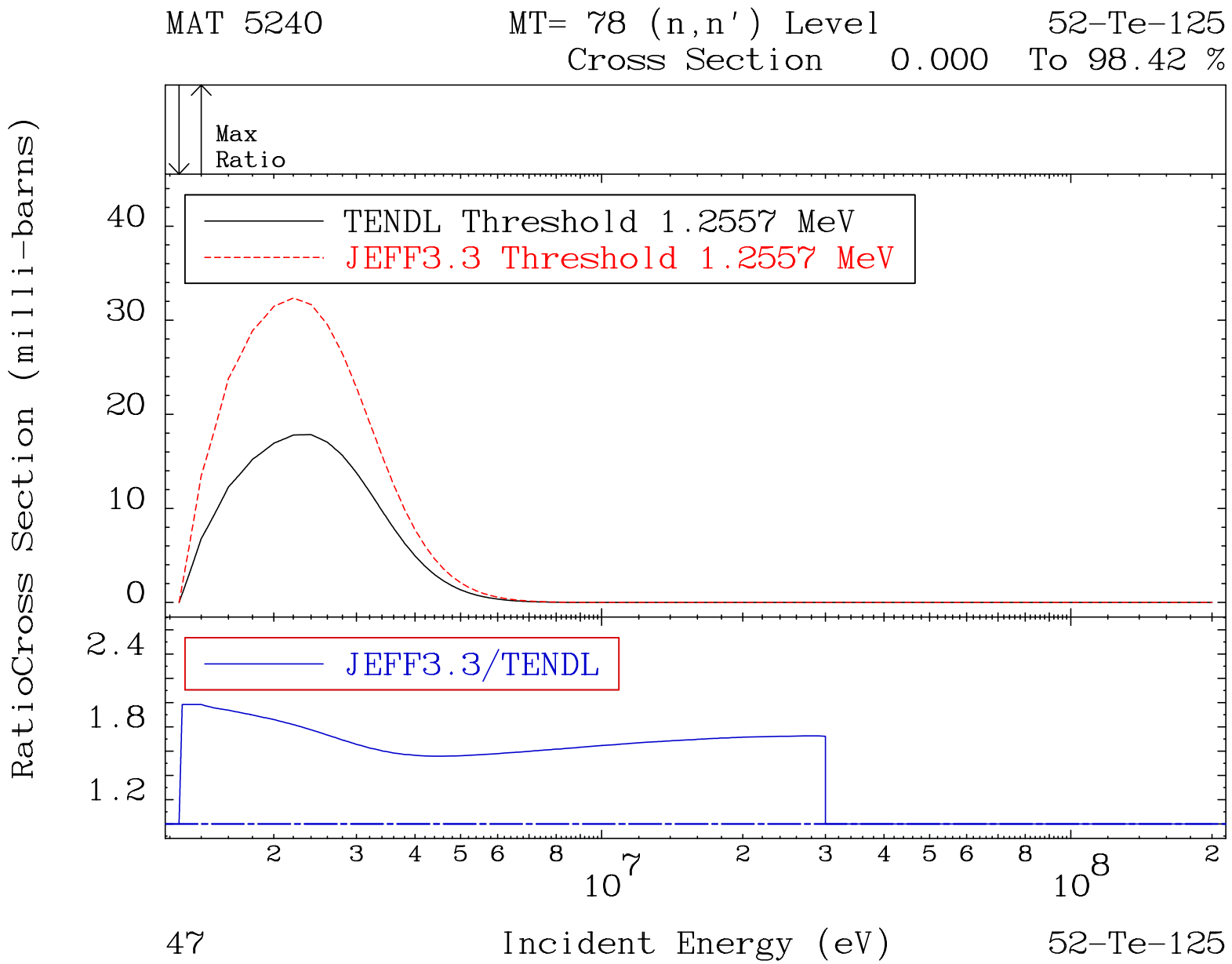

MAT 5240
MT= 73 (n,n') Level
52-Te-125
Cross Section
-21.95 To 1.201 %
Max Ratio
Min Ratio
TENDL Threshold 1.1425 MeV
JEFF3.3 Threshold 1.1425 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
60
40
20
0
1.0
0.8
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
42
Incident Energy (eV)
52-Te-125

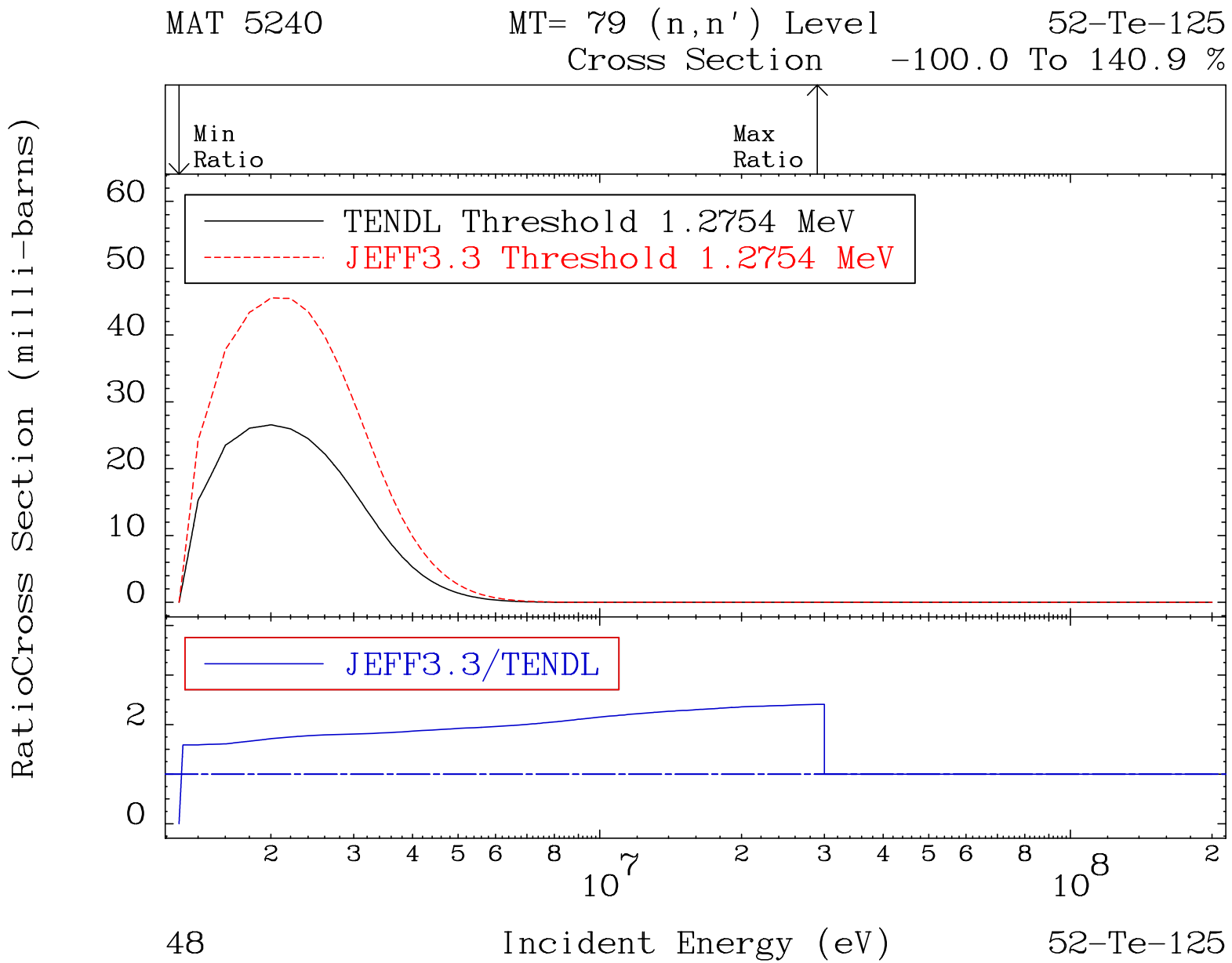

MAT 5240
MT= 74 (n,n') Level
52-Te-125
Cross Section
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 1.1580 MeV
JEFF3.3 Threshold 1.1580 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
50
40
30
20
10
0
1.2
0.6
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
43
Incident Energy (eV)
52-Te-125

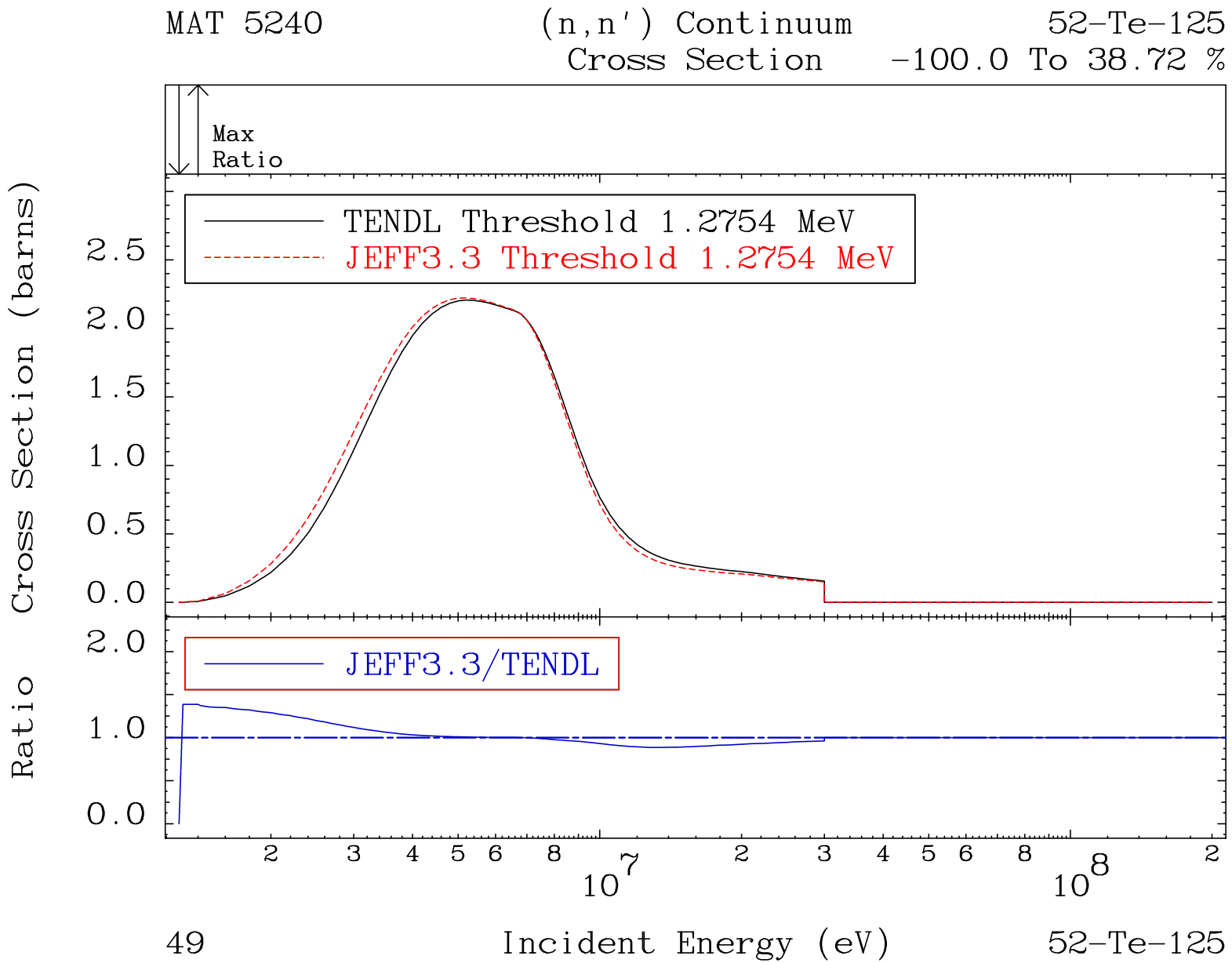

MAT 5240
MT= 75 (n,n') Level
52-Te-125
Cross Section
-22.46 To 0.000 %
Max Ratio
Min Ratio
TENDL Threshold 1.2014 MeV
JEFF3.3 Threshold 1.2014 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
16
12
8
4
0
1.1
1.0
0.9
0.8
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
44
Incident Energy (eV)
52-Te-125

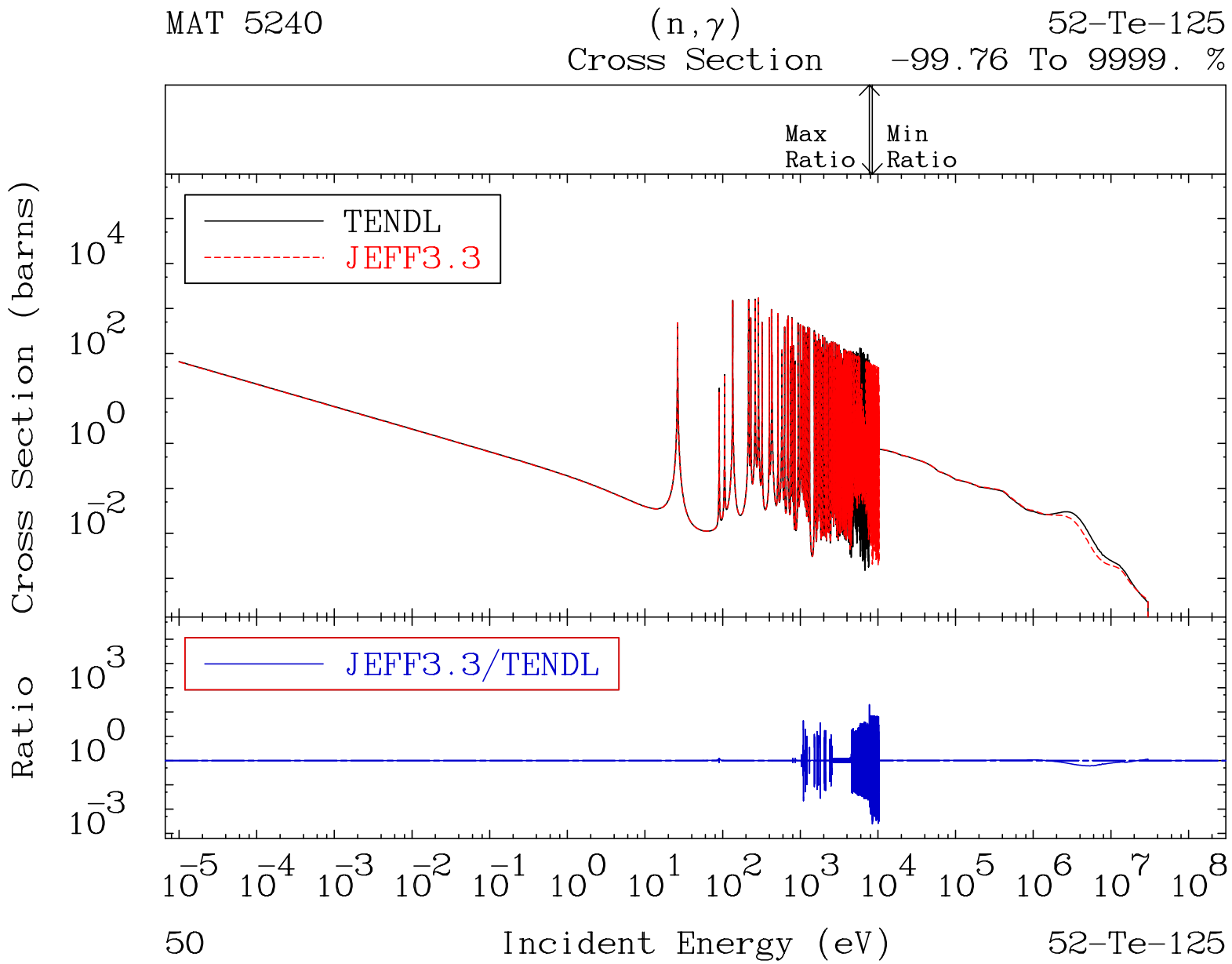

MAT 5240
MT= 76 (n,n') Level
52-Te-125
Cross Section
-100.0 To 98.50 %
Max
Ratio
TENDL Threshold 1.2194 MeV
JEFF3.3 Threshold 1.2194 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
3.0
2.0
1.0
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
45
Incident Energy (eV)
52-Te-125

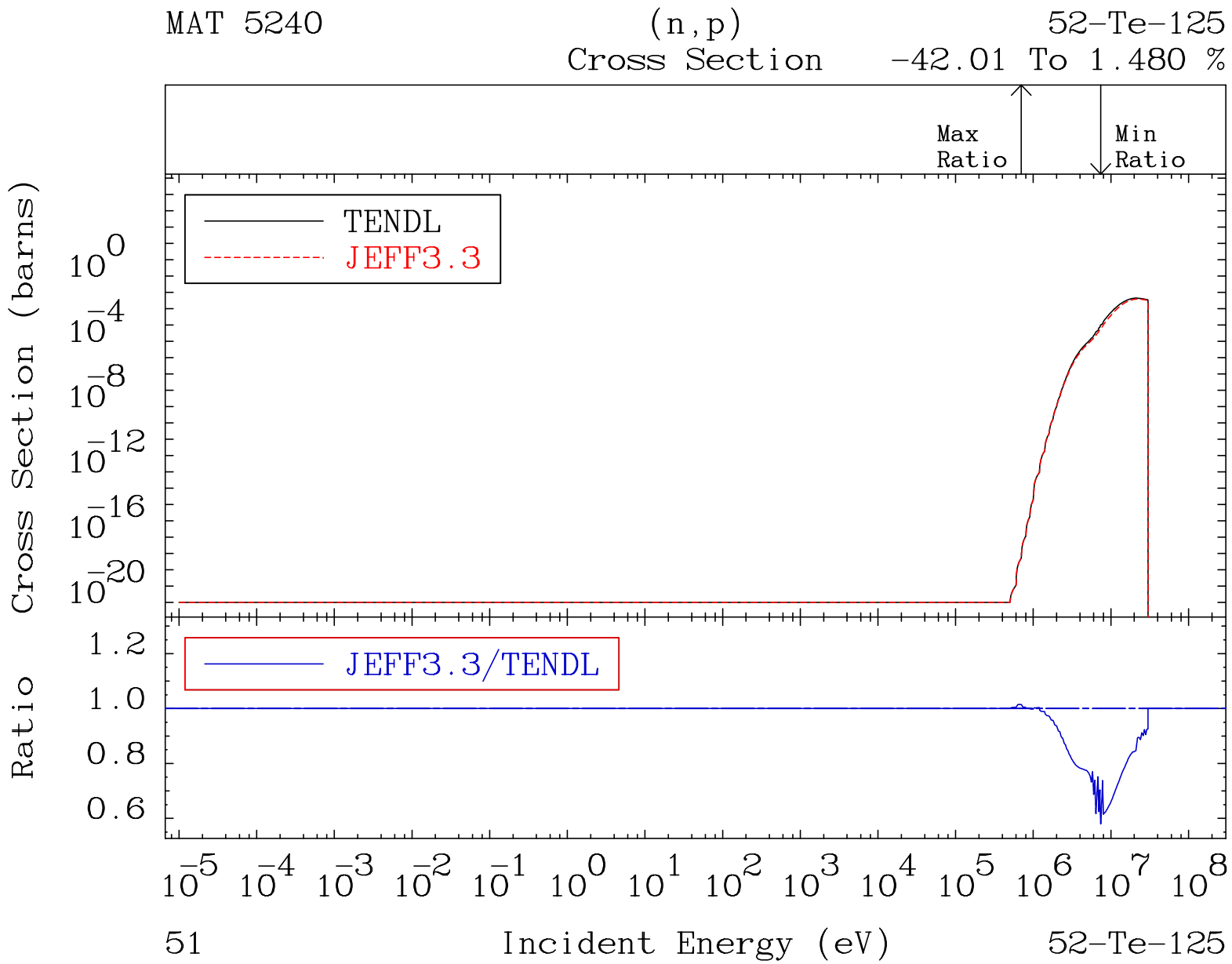

MAT 5240
MT= 77 (n,n') Level
52-Te-125
Cross Section
-100.0 To 91.98 %
Max
Ratio
TENDL Threshold 1.2529 MeV
JEFF3.3 Threshold 1.2529 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
2.0
1.0
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
46
Incident Energy (eV)
52-Te-125

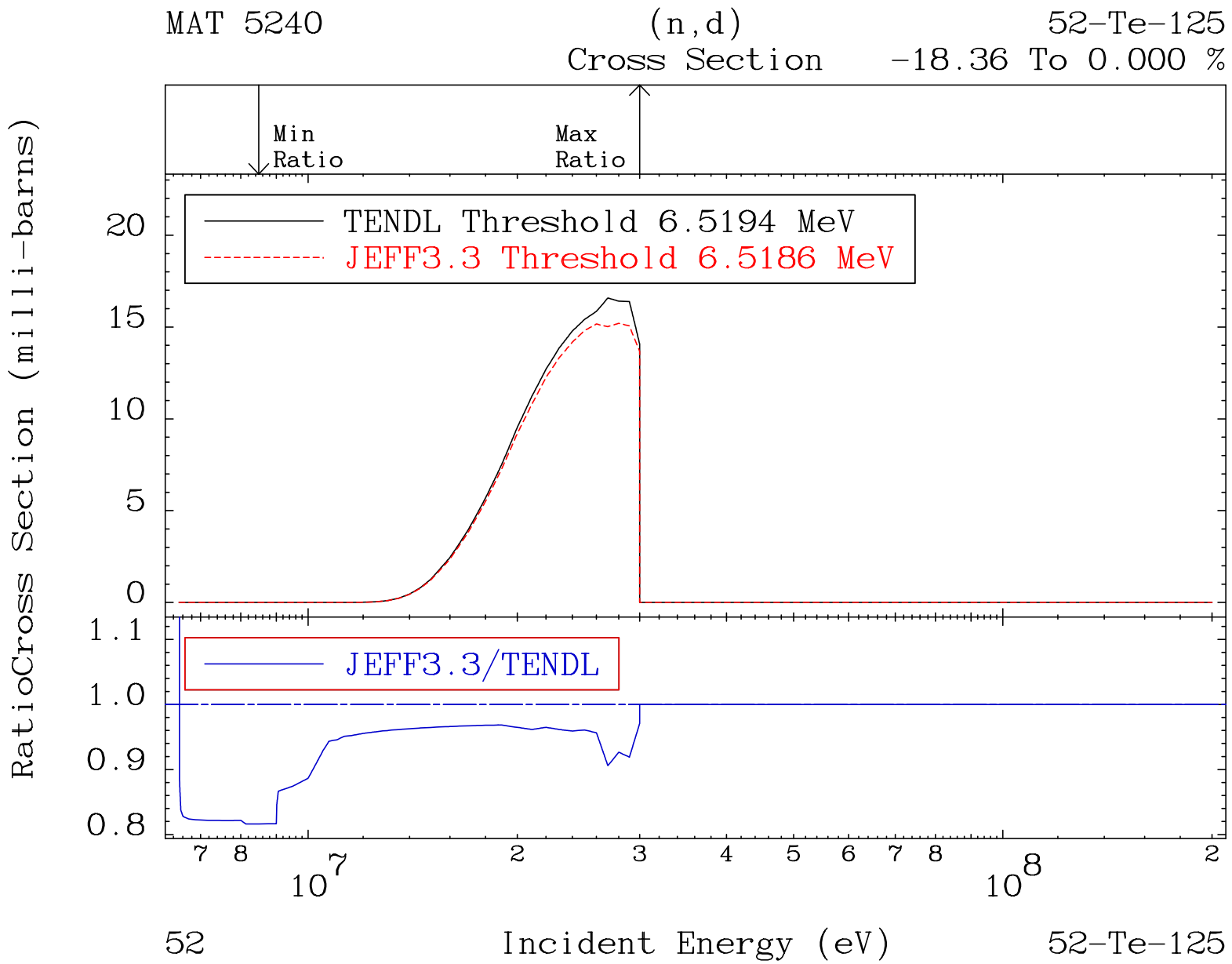

MAT 5240
MT= 78 (n,n') Level
52-Te-125
Cross Section 0.000 To 98.42 %
Max
Ratio
TENDL Threshold 1.2557 MeV
JEFF3.3 Threshold 1.2557 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
40
30
20
10
0
2.4
1.8
1.2
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
47
Incident Energy (eV)
52-Te-125

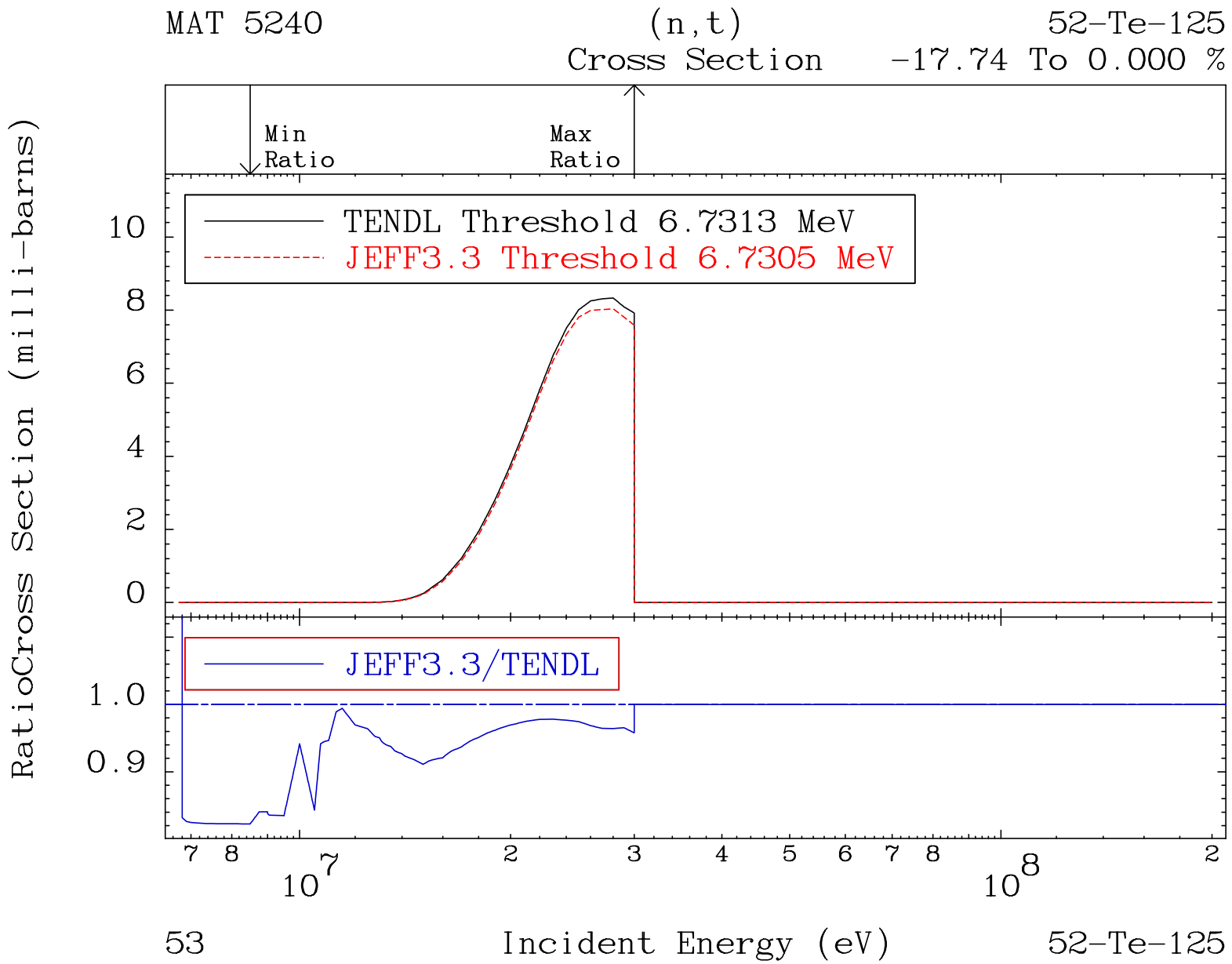

MAT 5240
MT= 79 (n,n') Level
52-Te-125
Cross Section
-100.0 To 140.9 %
Min Ratio
Max Ratio
TENDL Threshold 1.2754 MeV
JEFF3.3 Threshold 1.2754 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
60
50
40
30
20
10
0
2
0
2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
48
Incident Energy (eV)
52-Te-125

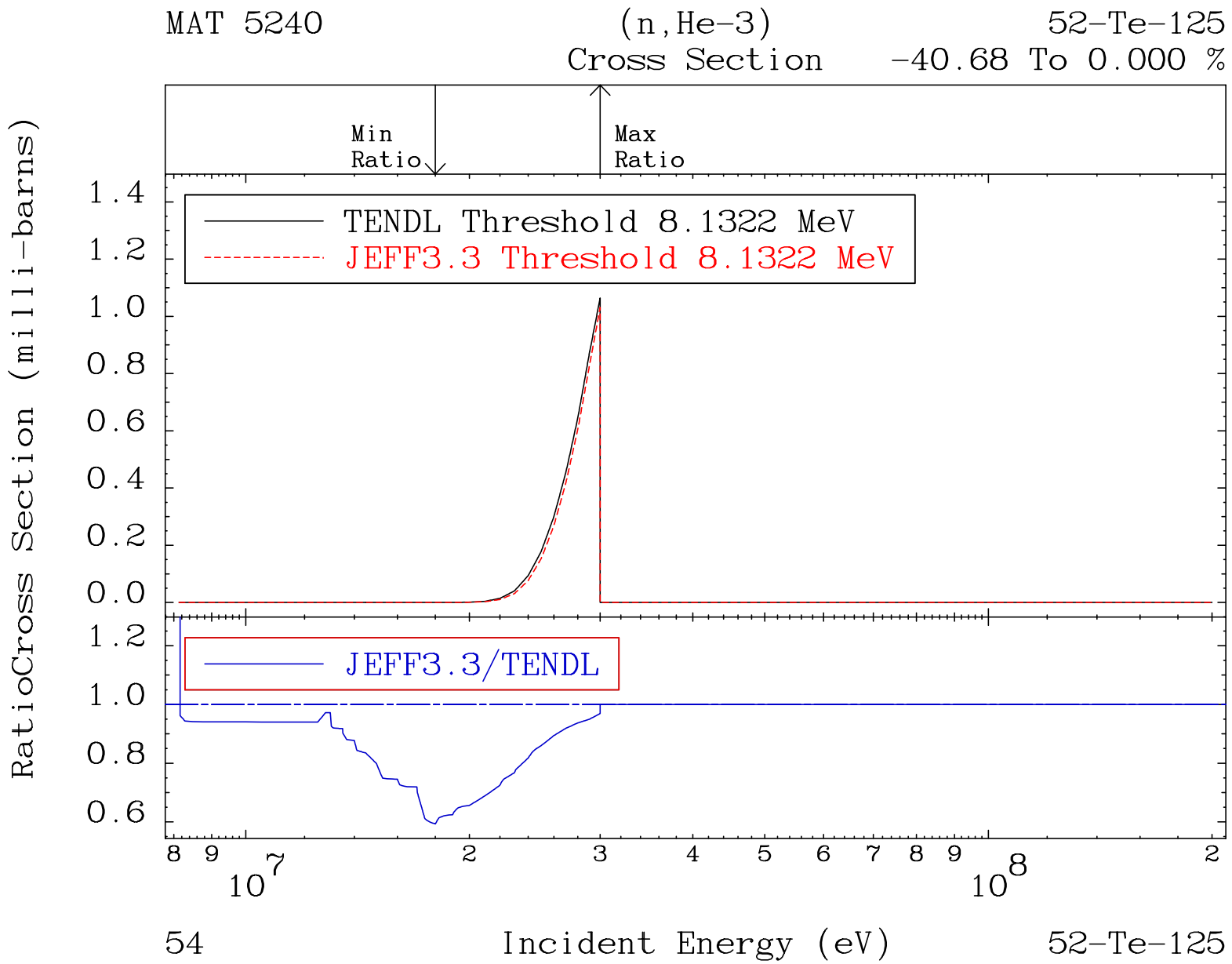

MAT 5240
(n,n') Continuum
Cross Section
52-Te-125
-100.0 To 38.72 %
Max
Ratio
TENDL Threshold 1.2754 MeV
JEFF3.3 Threshold 1.2754 MeV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
2.5
2.0
1.5
1.0
0.5
0.0
2.0
1.0
0.0
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
49
Incident Energy (eV)
52-Te-125

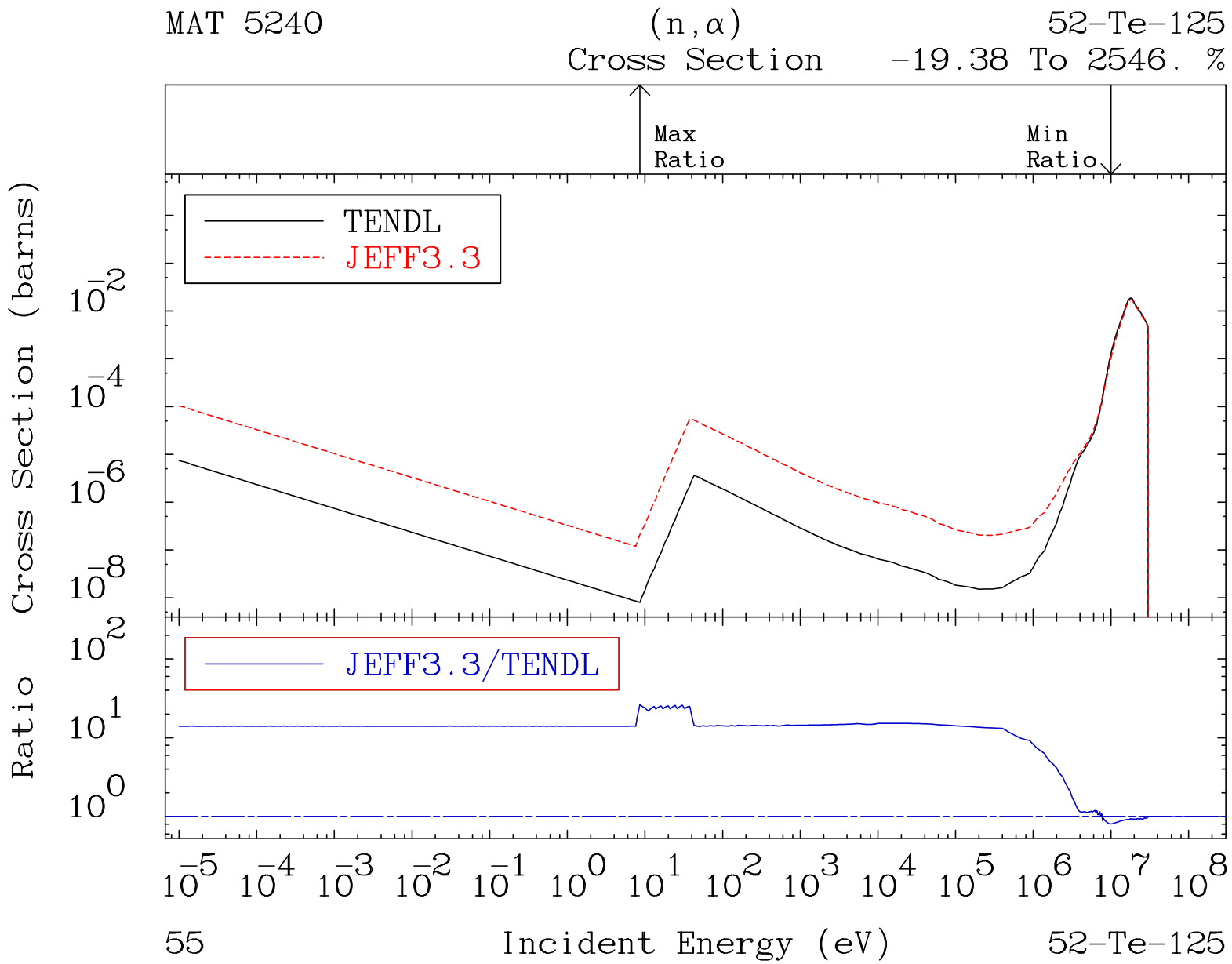

MAT 5240
(n,γ)
Cross Section
52-Te-125
-99.76 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
50
52-Te-125

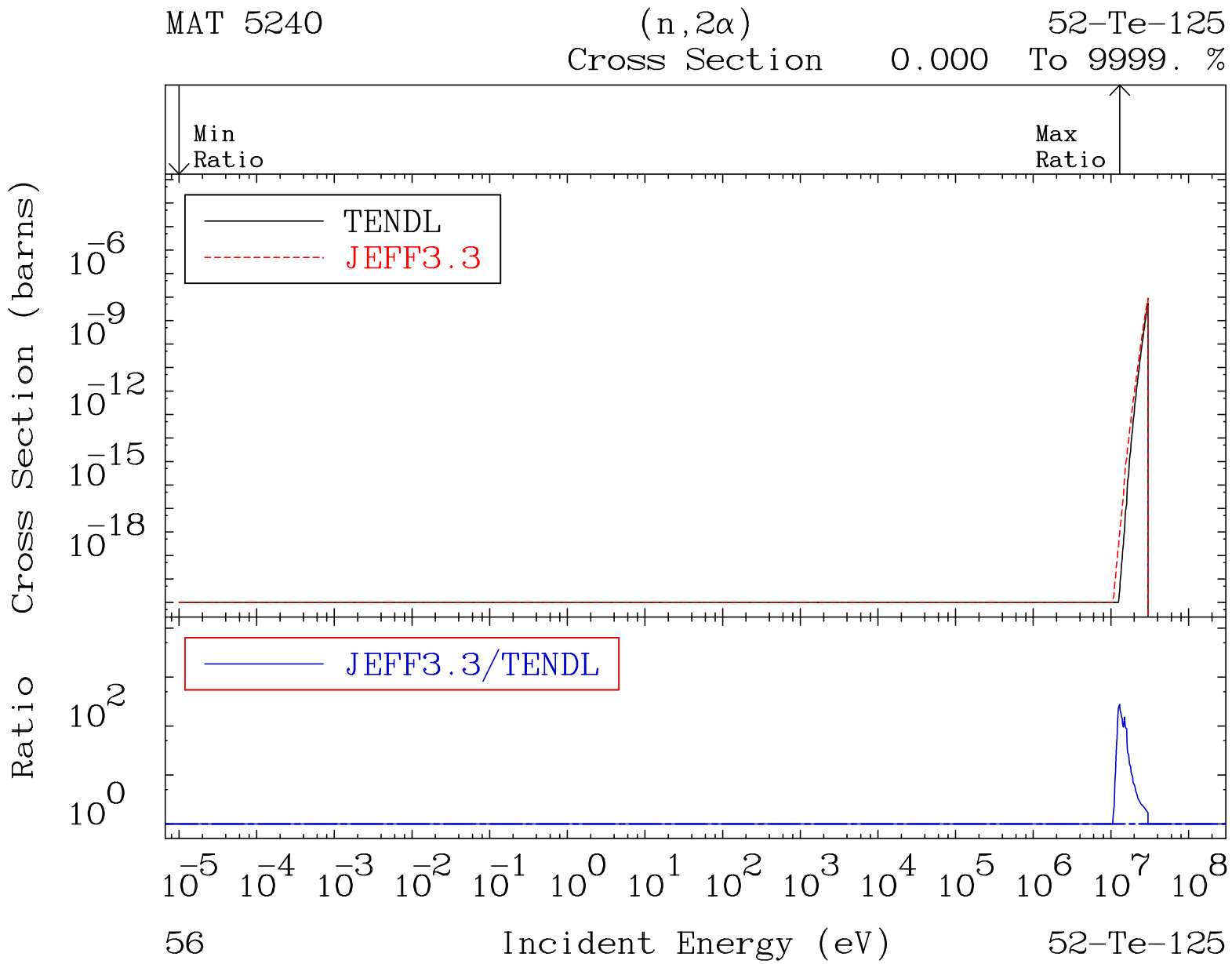

MAT 5240
(n,p)
Cross Section
52-Te-125
-42.01 To 1.480 %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
51
52-Te-125

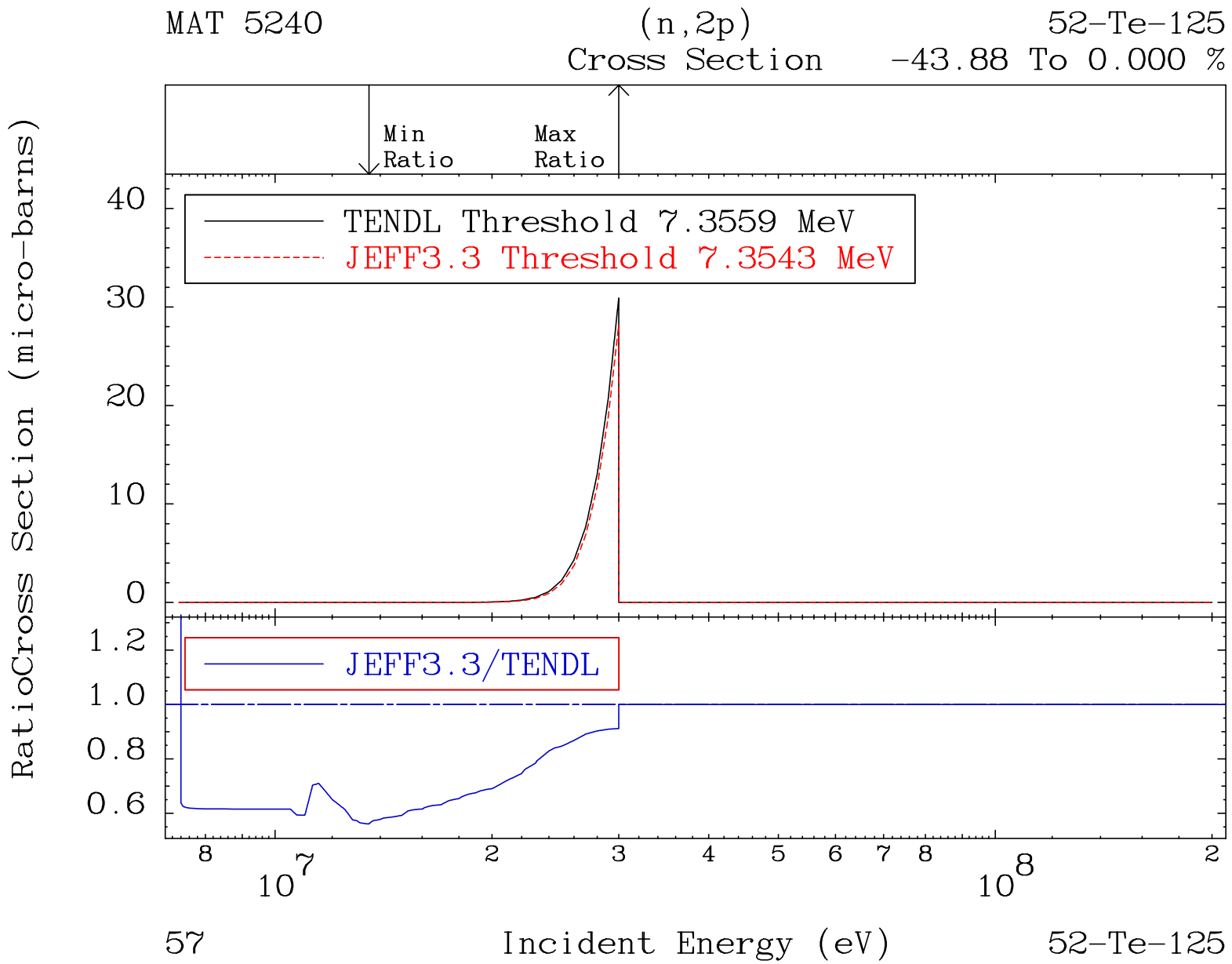

MAT 5240
(n,d)
52-Te-125
Cross Section
-18.36 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 6.5194 MeV
JEFF3.3 Threshold 6.5186 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
20
15
10
5
0
1.1
1.0
0.9
0.8
7 8 10^7 2 3 4 5 6 7 8 10^8 2
52
Incident Energy (eV)
52-Te-125

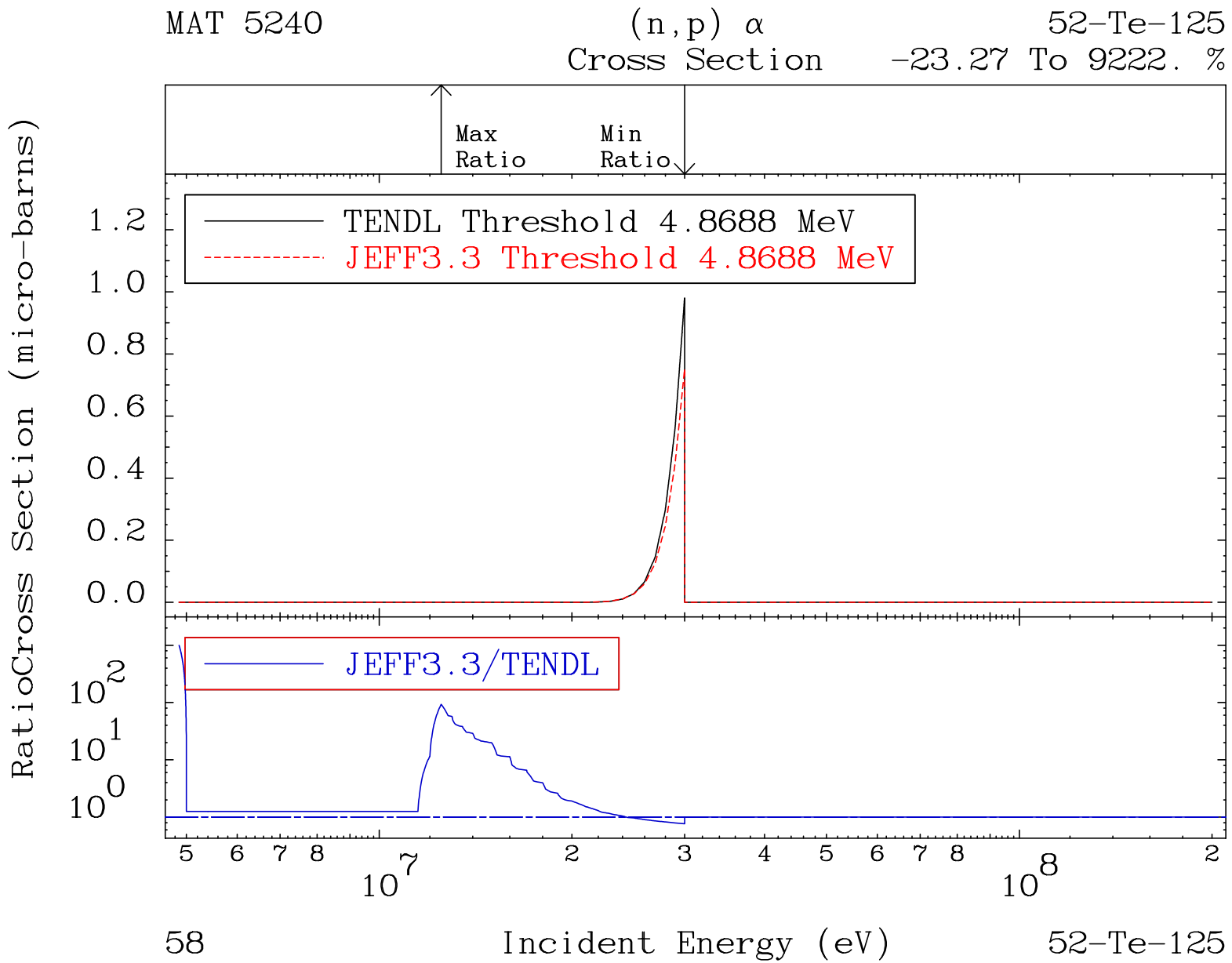

MAT 5240
(n,t)
Cross Section
52-Te-125
-17.74 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 6.7313 MeV
JEFF3.3 Threshold 6.7305 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
10
8
6
4
2
0
1.0
0.9
7 8 10^7 2 3 4 5 6 7 8 10^8 2
53
Incident Energy (eV)
52-Te-125

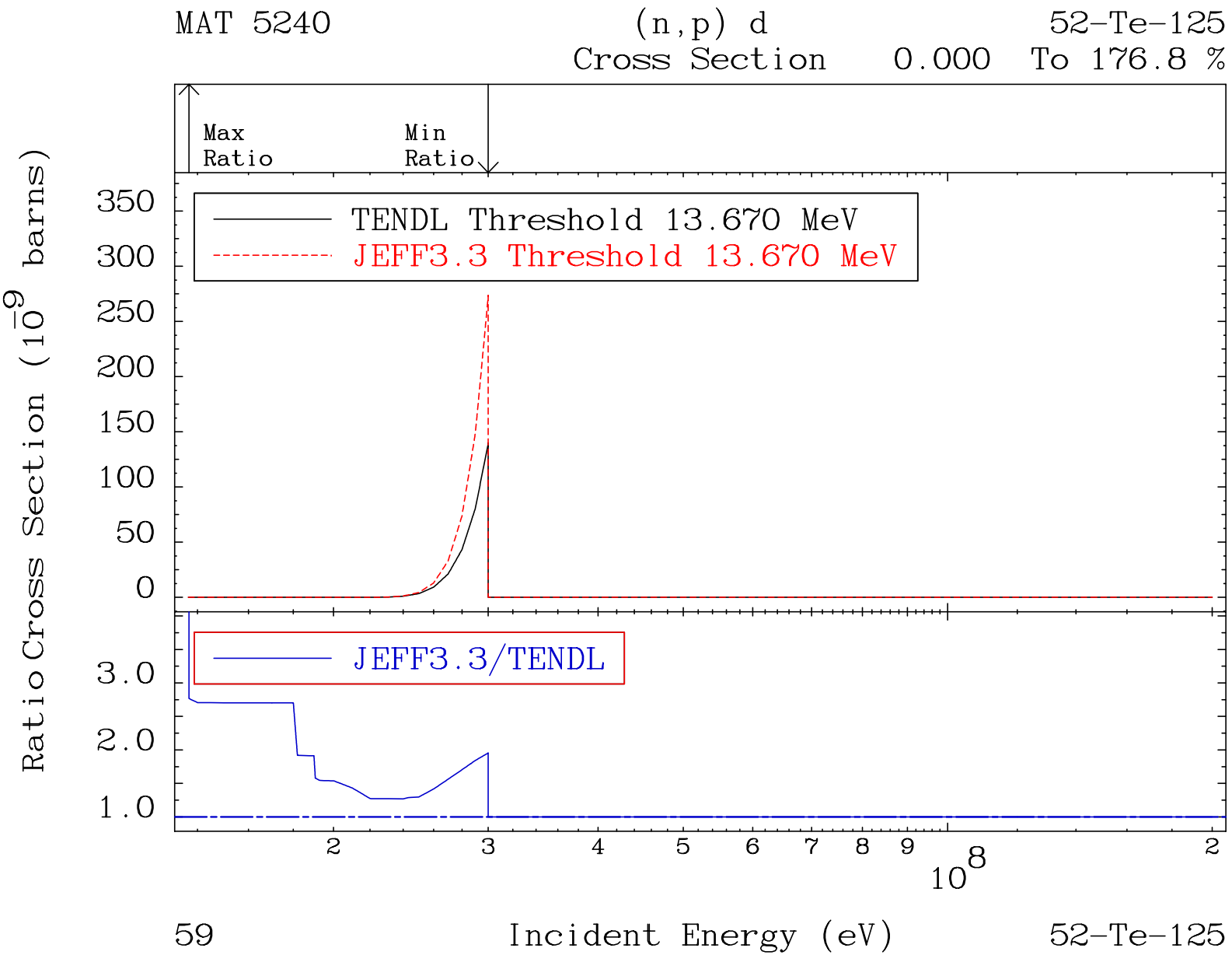

MAT 5240
(n,He-3)
Cross Section
52-Te-125
-40.68 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 8.1322 MeV
JEFF3.3 Threshold 8.1322 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
54
Incident Energy (eV)
52-Te-125

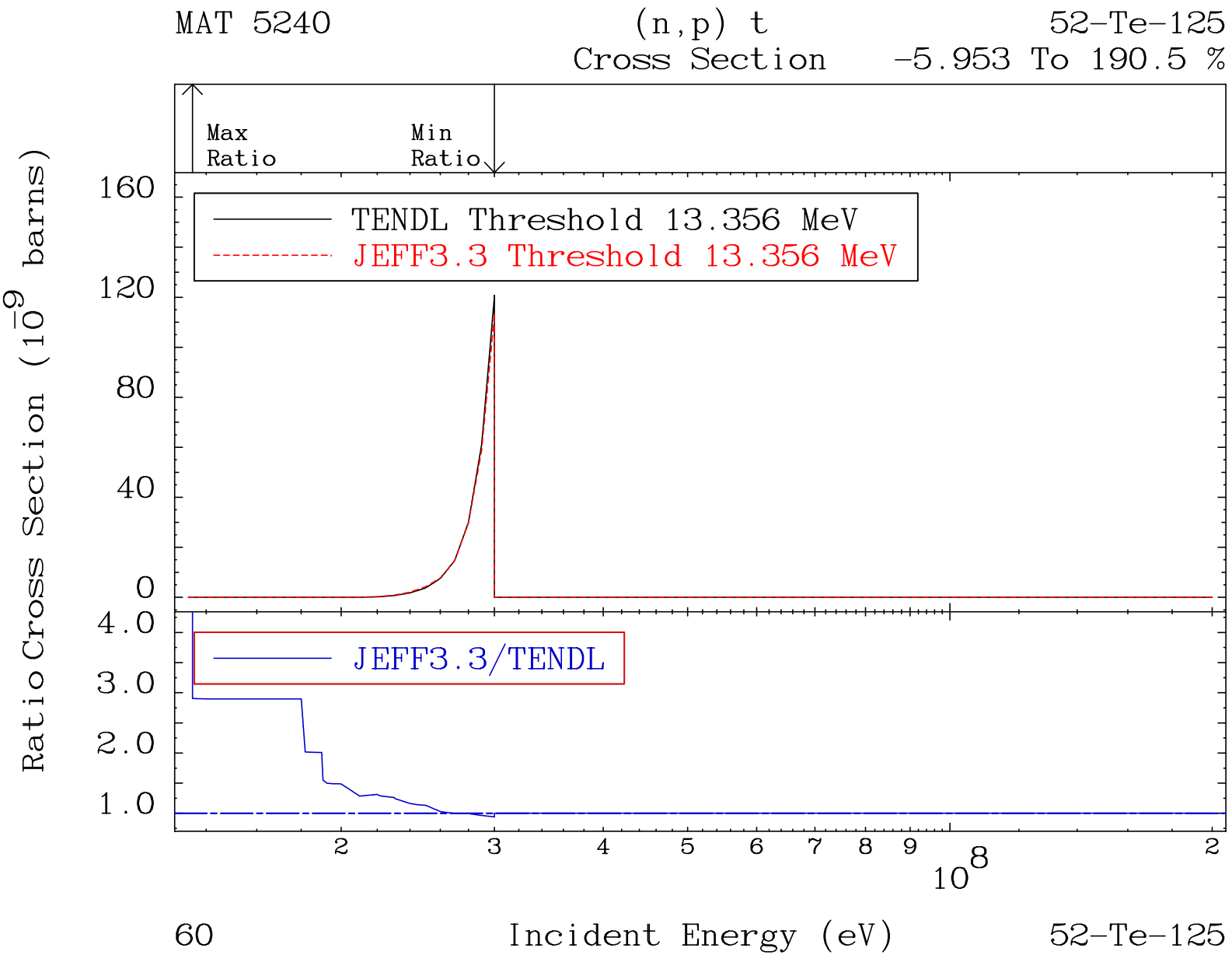

MAT 5240
(n,α)
52-Te-125
Cross Section
-19.38 To 2546. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
55
52-Te-125

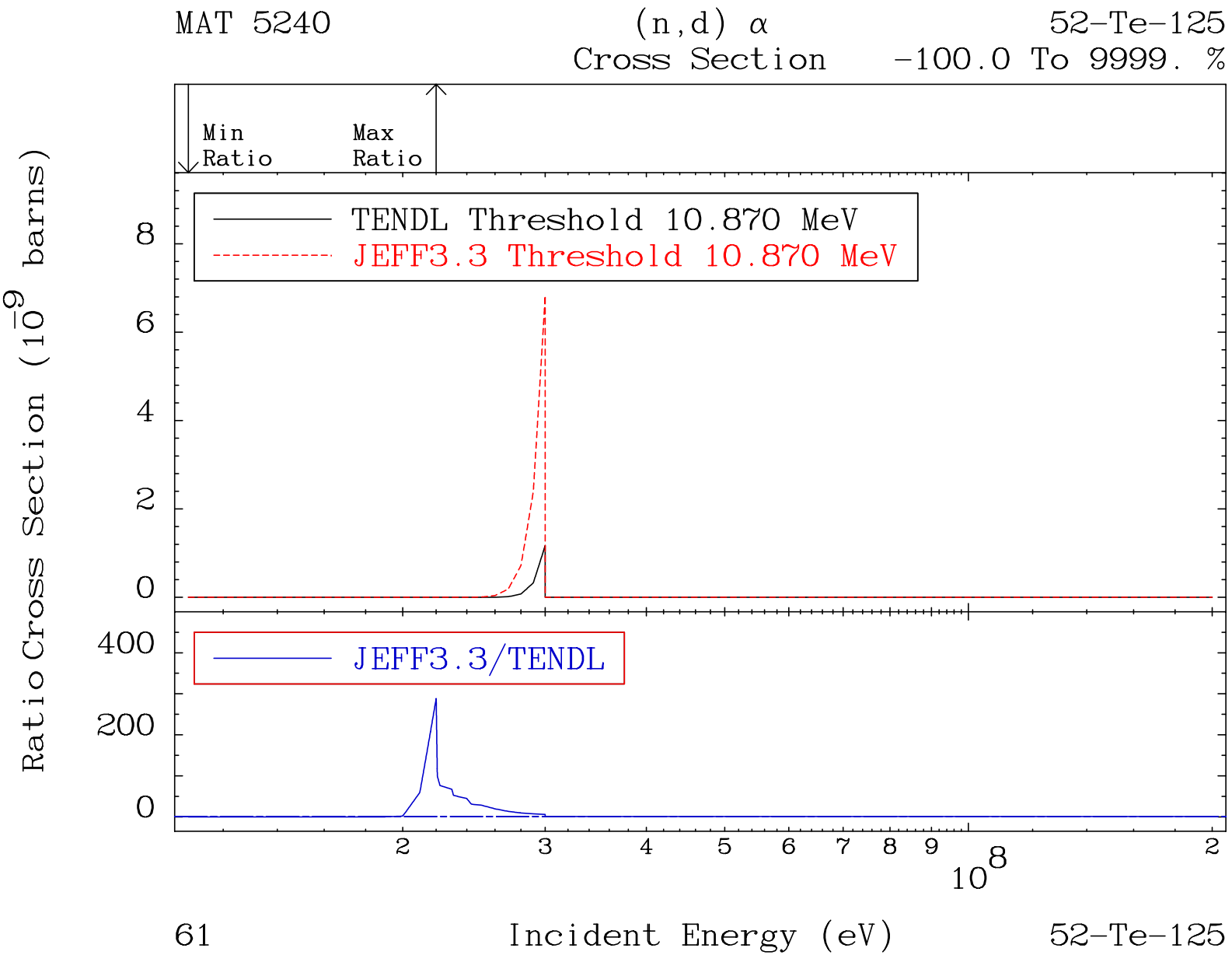

MAT 5240
(n,2α)
52-Te-125
Cross Section 0.000 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
56
52-Te-125

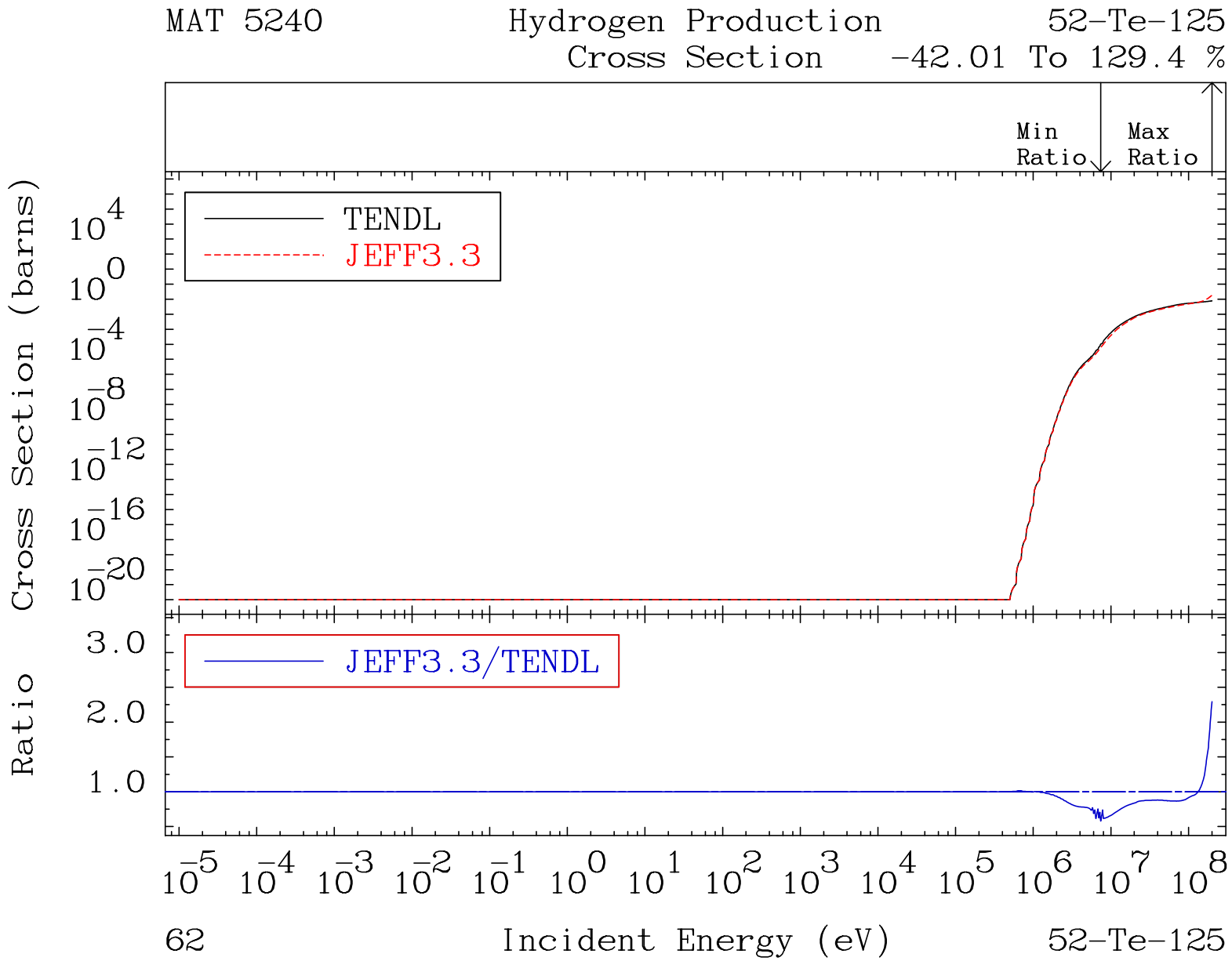

MAT 5240
(n,2p)
Cross Section
52-Te-125
-43.88 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 7.3559 MeV
JEFF3.3 Threshold 7.3543 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
40
30
20
10
0
1.2
1.0
0.8
0.6
8
10^7
2
3
4
5
6
7
8
10^8
2
57
Incident Energy (eV)
52-Te-125

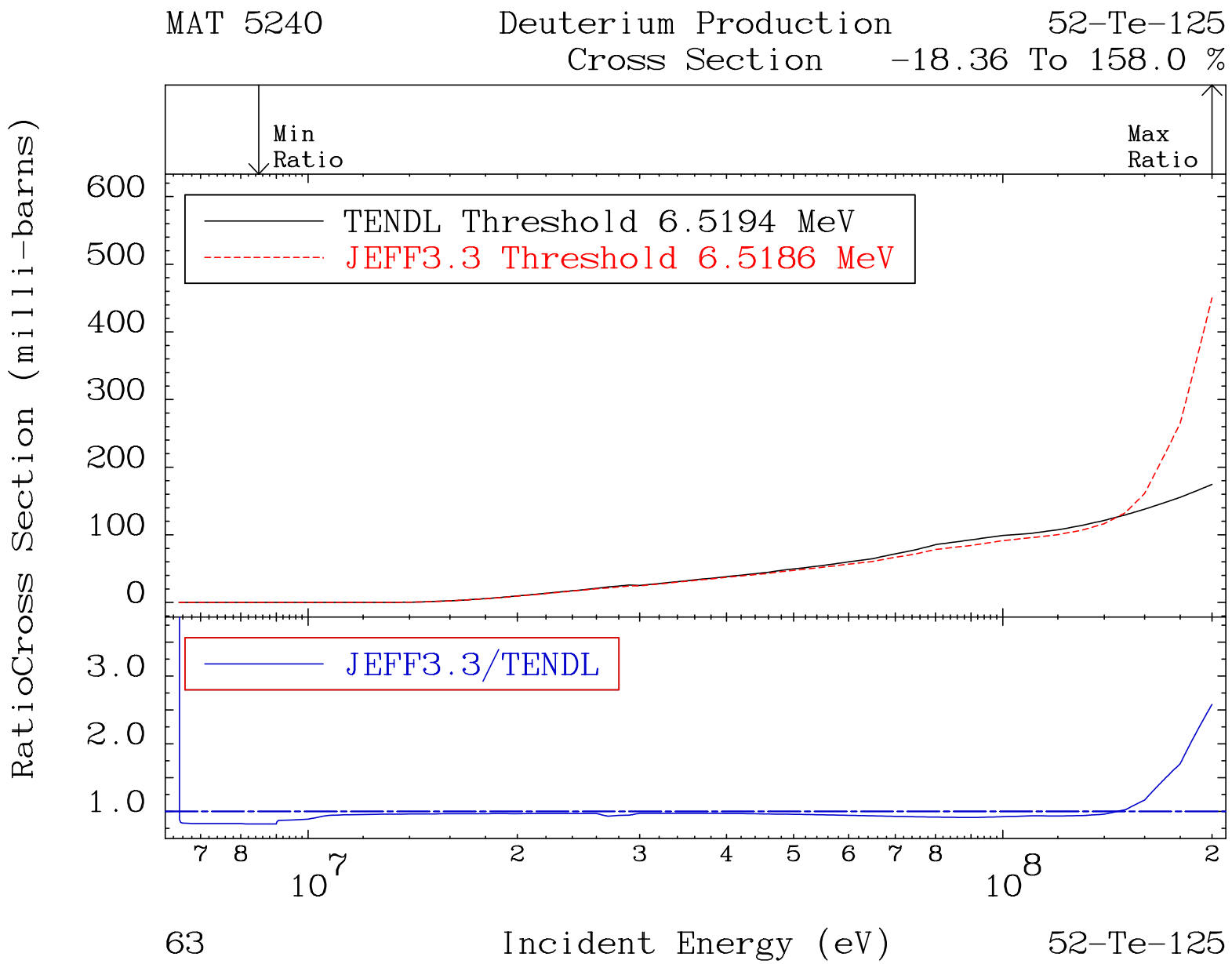

MAT 5240
(n,p) α
Cross Section
52-Te-125
-23.27 To 9222. %
Max Ratio
Min Ratio
TENDL Threshold 4.8688 MeV
JEFF3.3 Threshold 4.8688 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
10^2
10^1
10^0
5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
58
Incident Energy (eV)
52-Te-125

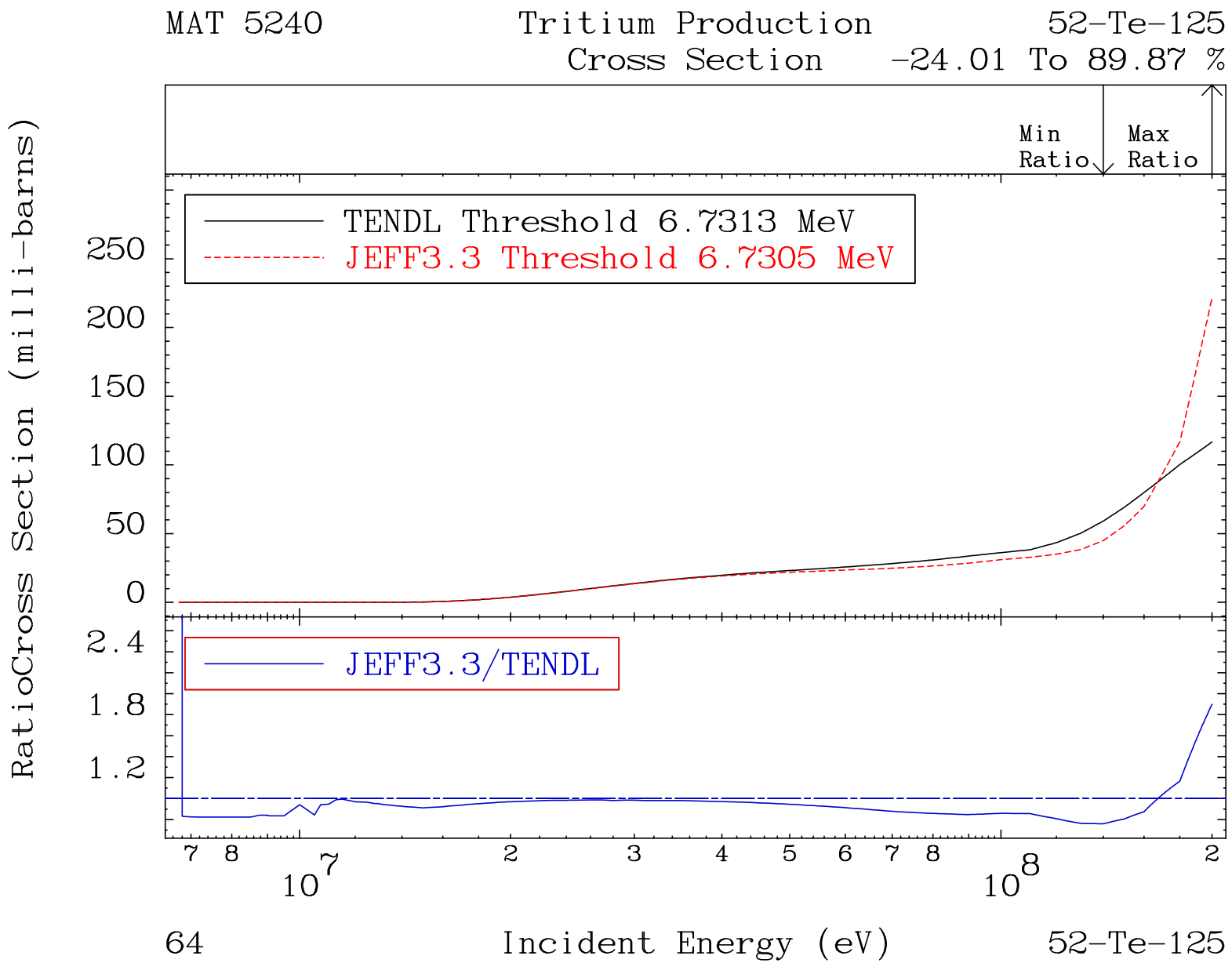

MAT 5240
(n,p) d
Cross Section
52-Te-125
0.000 To 176.8 %
Max Ratio
Min Ratio
TENDL Threshold 13.670 MeV
JEFF3.3 Threshold 13.670 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
350
300
250
200
150
100
50
0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
59
Incident Energy (eV)
52-Te-125

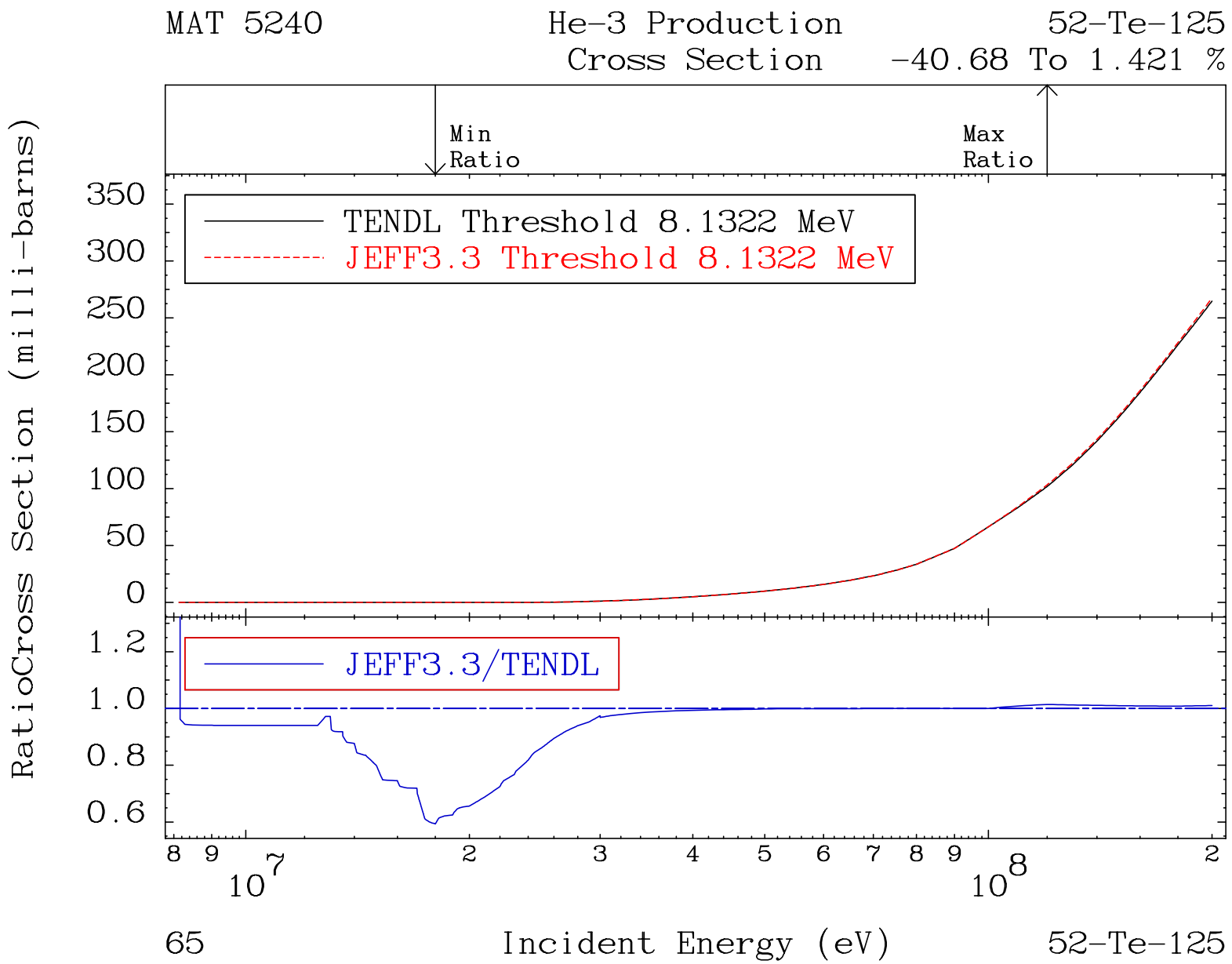

MAT 5240
(n,p) t
52-Te-125
Cross Section
-5.953 To 190.5 %
Max Ratio
Min Ratio
TENDL Threshold 13.356 MeV
JEFF3.3 Threshold 13.356 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
160
120
80
40
0
4.0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^{8}
2
60
Incident Energy (eV)
52-Te-125

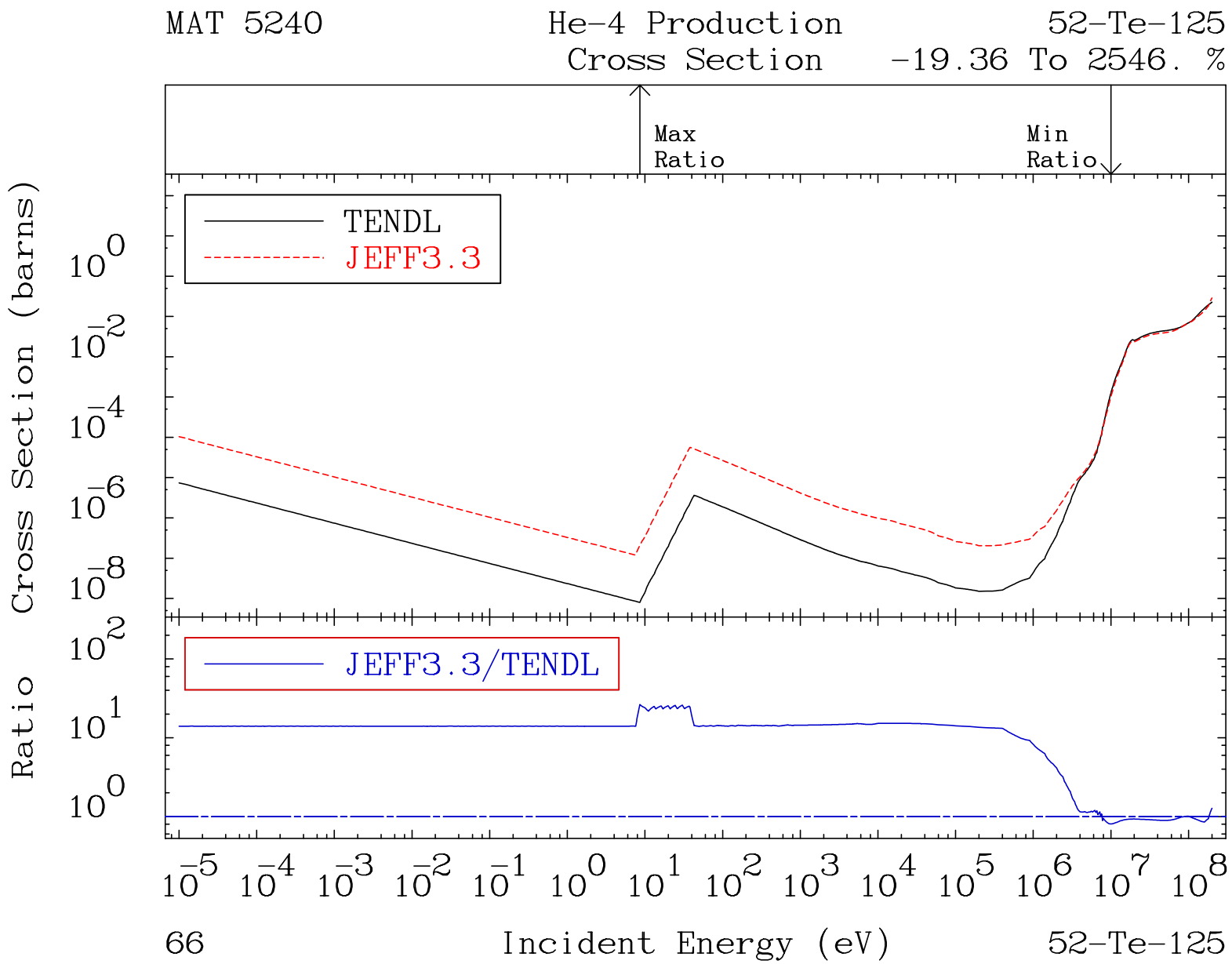

MAT 5240
(n,d) α
Cross Section
52-Te-125
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 10.870 MeV
JEFF3.3 Threshold 10.870 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
8
6
4
2
0
400
200
0
2
3
4
5
6
7
8
9
10^8
2
61
Incident Energy (eV)
52-Te-125

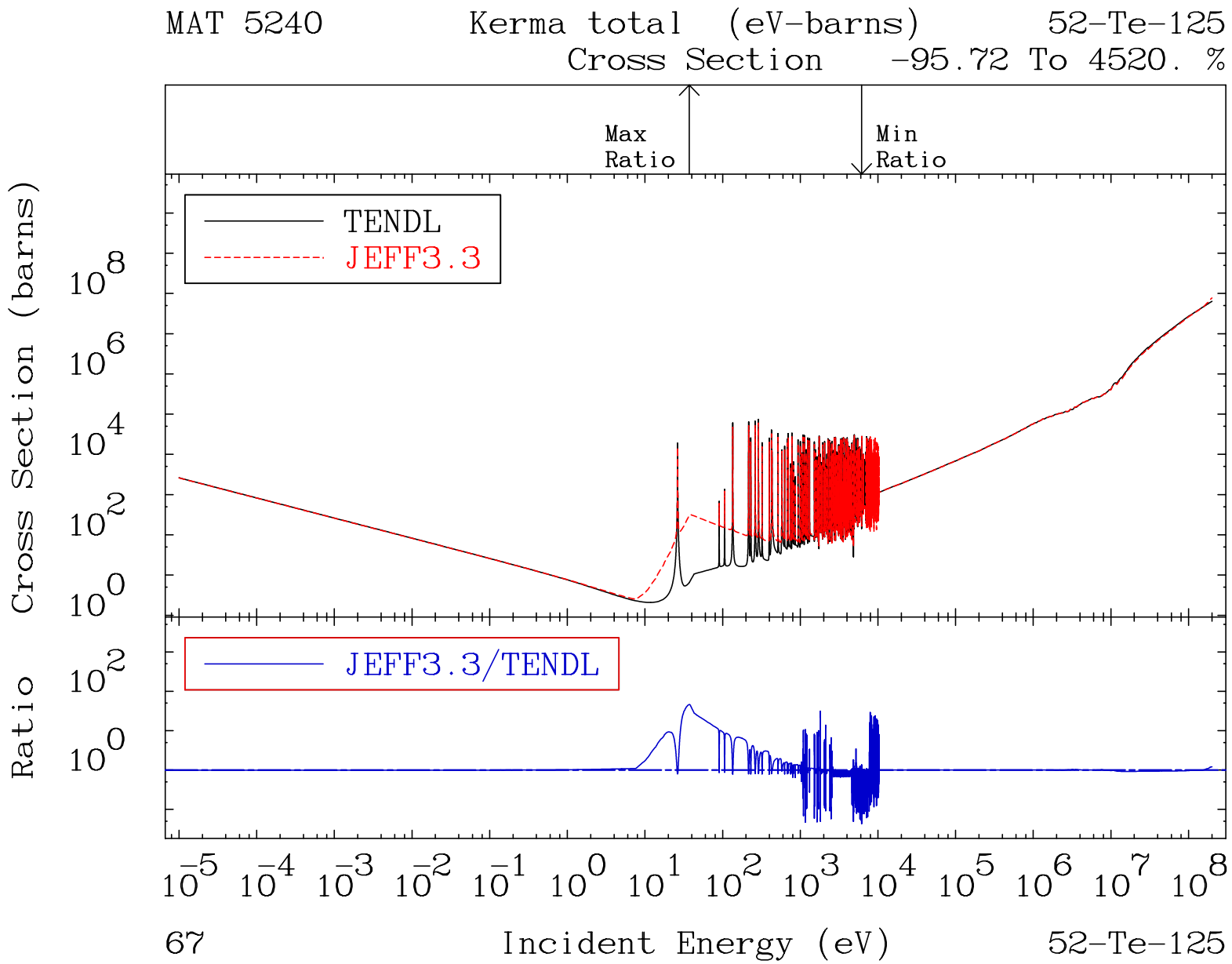

MAT 5240
Hydrogen Production
52-Te-125
Cross Section
-42.01 To 129.4 %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
62
52-Te-125

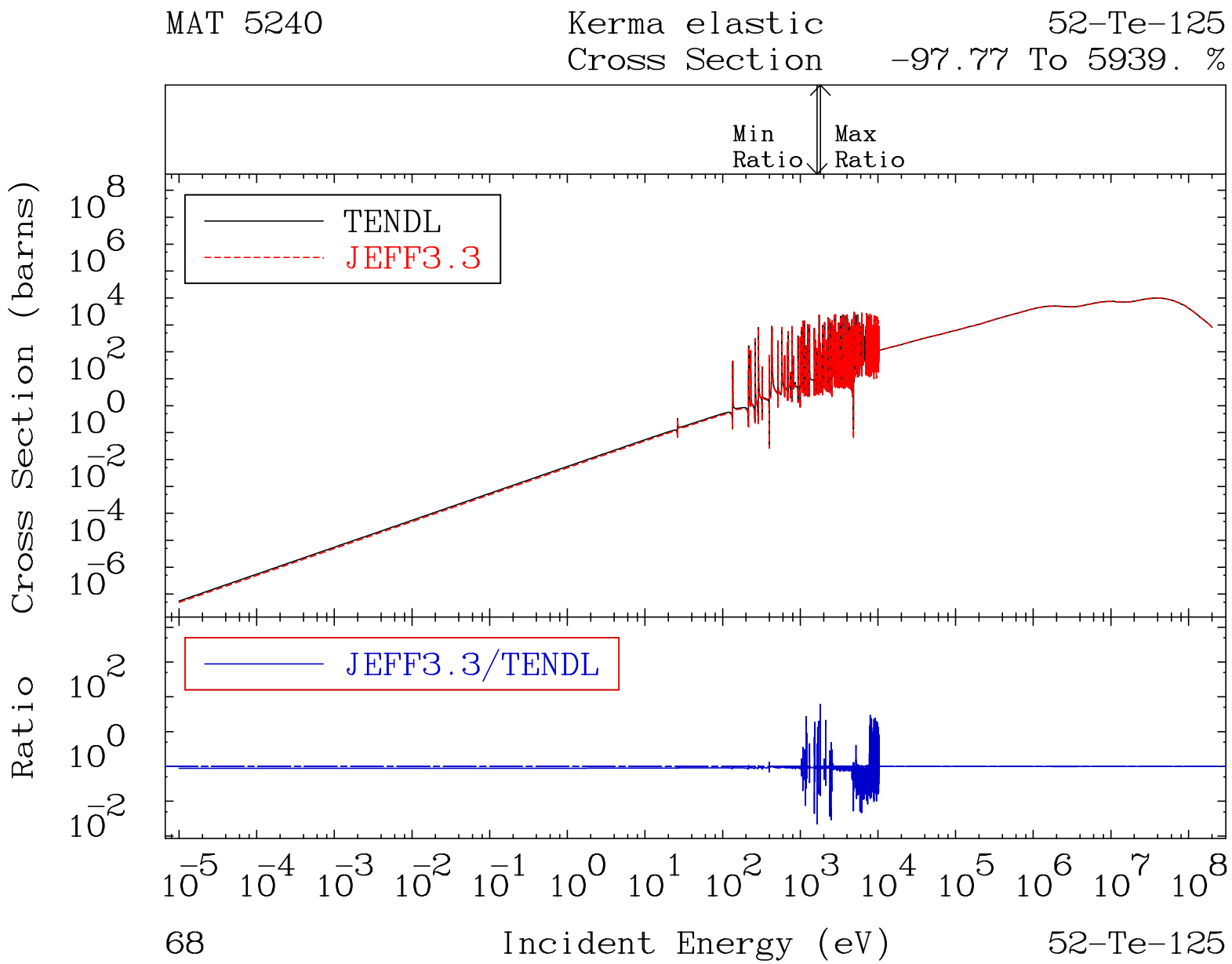

MAT 5240
Deuterium Production
52-Te-125
Cross Section
-18.36 To 158.0 %
Min Ratio
Max Ratio
TENDL Threshold 6.5194 MeV
JEFF3.3 Threshold 6.5186 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
600
500
400
300
200
100
0
3.0
2.0
1.0
7 8 10^7 2 3 4 5 6 7 8 10^8 2
63
Incident Energy (eV)
52-Te-125

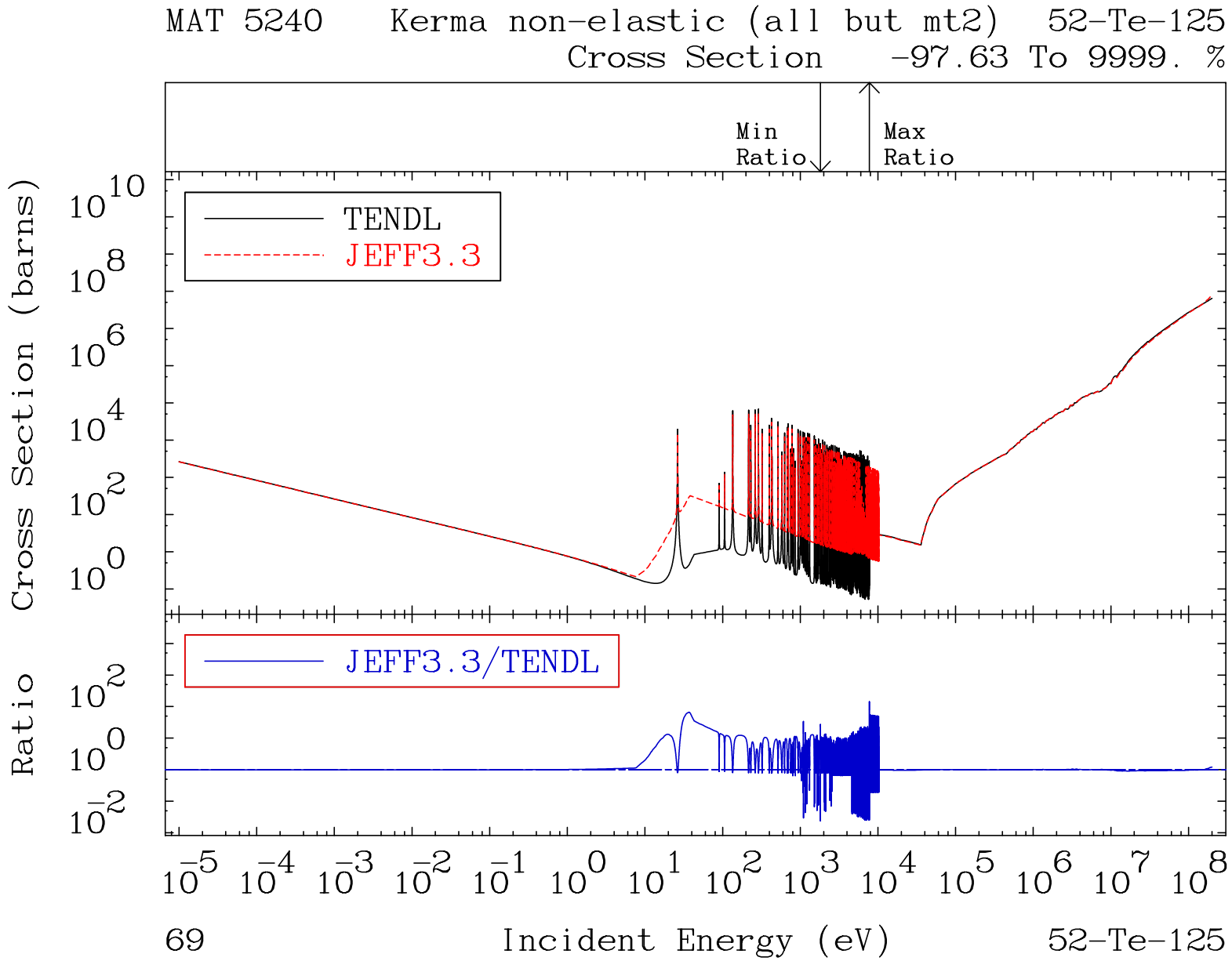

MAT 5240
Tritium Production
Cross Section
52-Te-125
-24.01 To 89.87 %
Min Ratio
Max Ratio
TENDL Threshold 6.7313 MeV
JEFF3.3 Threshold 6.7305 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
250
200
150
100
50
0
2.4
1.8
1.2
7 8 10^7 2 3 4 5 6 7 8 10^8 2
64
Incident Energy (eV)
52-Te-125

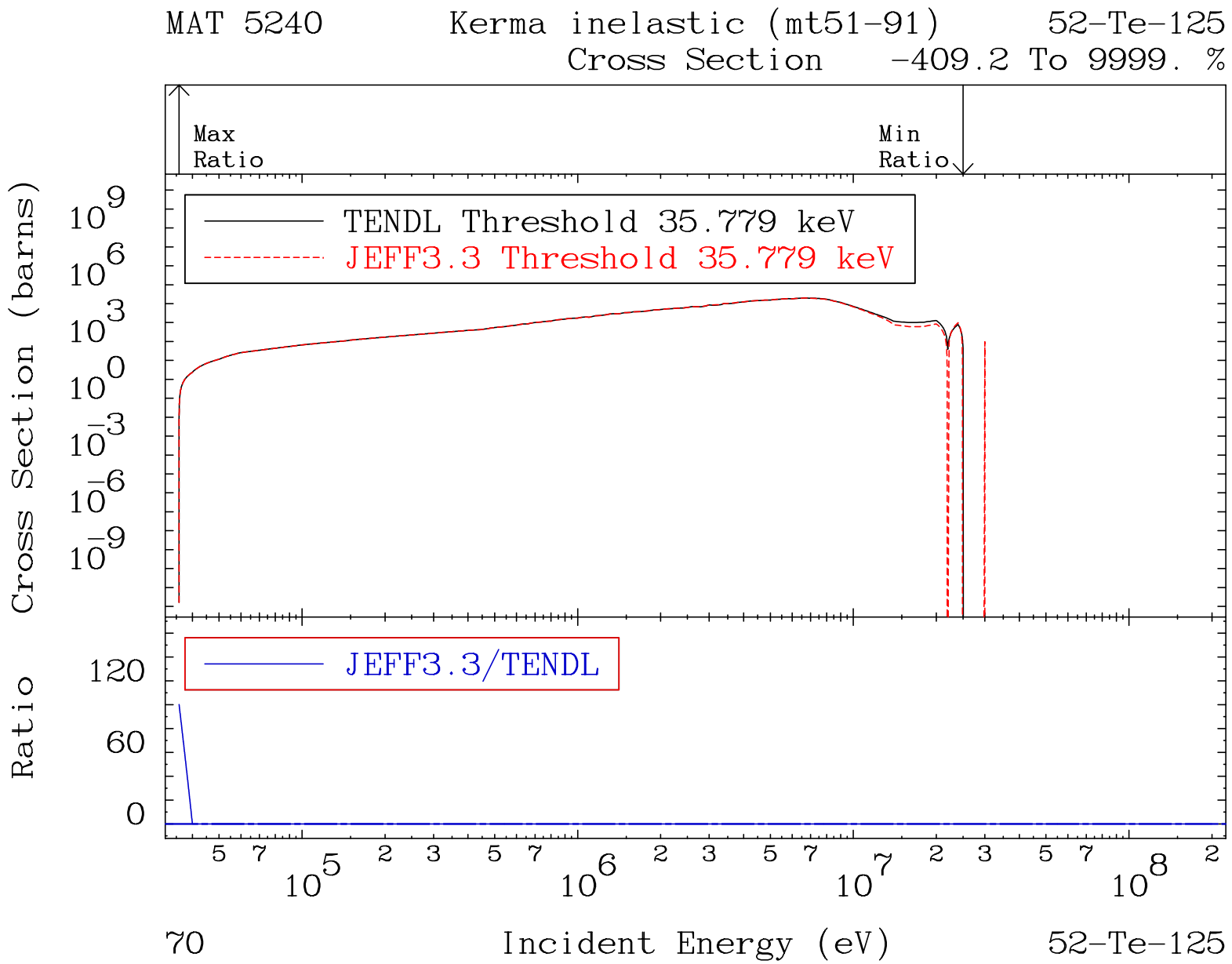

MAT 5240
He-3 Production
Cross Section
52-Te-125
-40.68 To 1.421 %
Min
Ratio
Max
Ratio
TENDL Threshold 8.1322 MeV
JEFF3.3 Threshold 8.1322 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
350
300
250
200
150
100
50
0
1.2
1.0
0.8
0.6
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
65
Incident Energy (eV)
52-Te-125

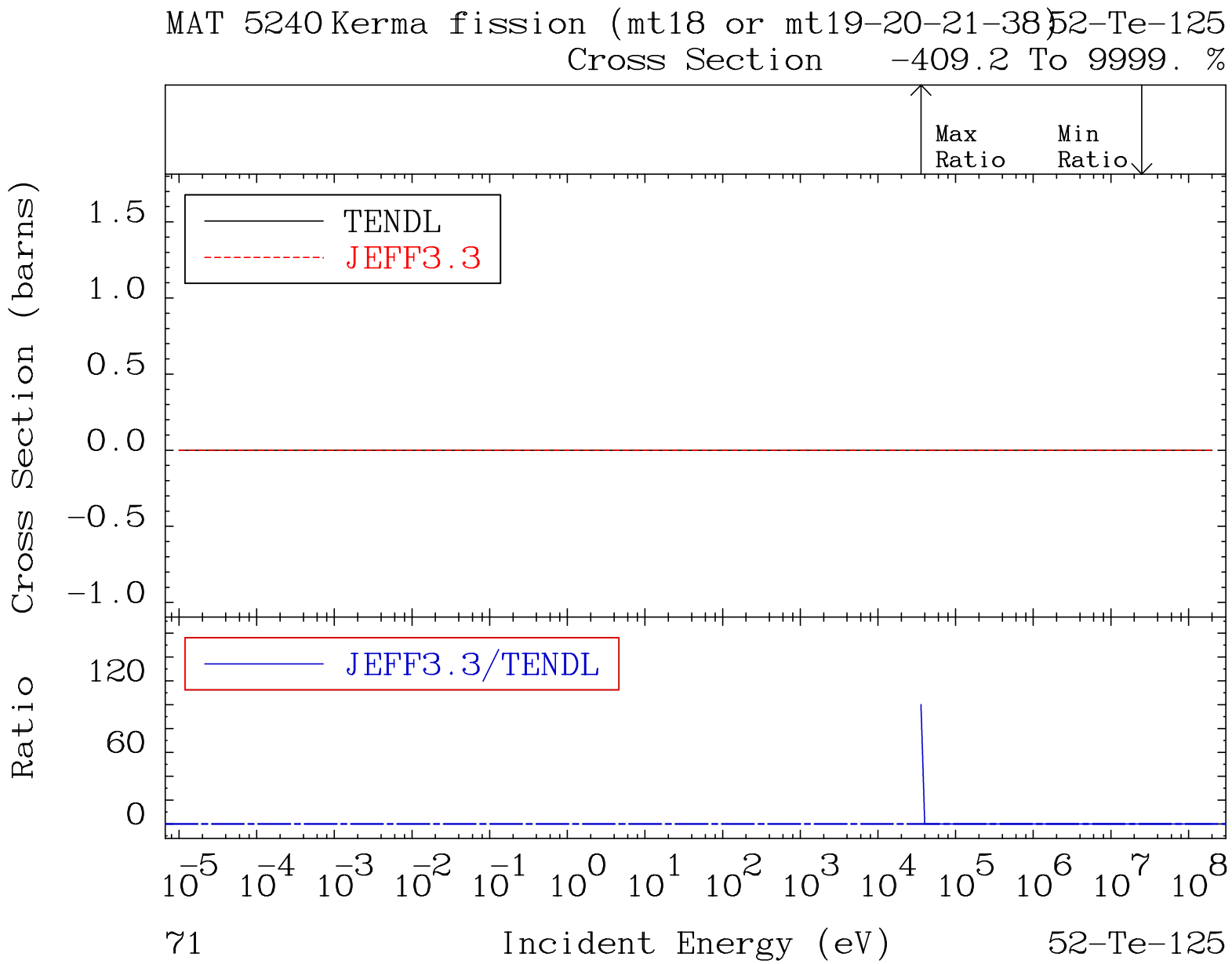

MAT 5240
He-4 Production
Cross Section
52-Te-125
-19.36 To 2546. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
66
52-Te-125

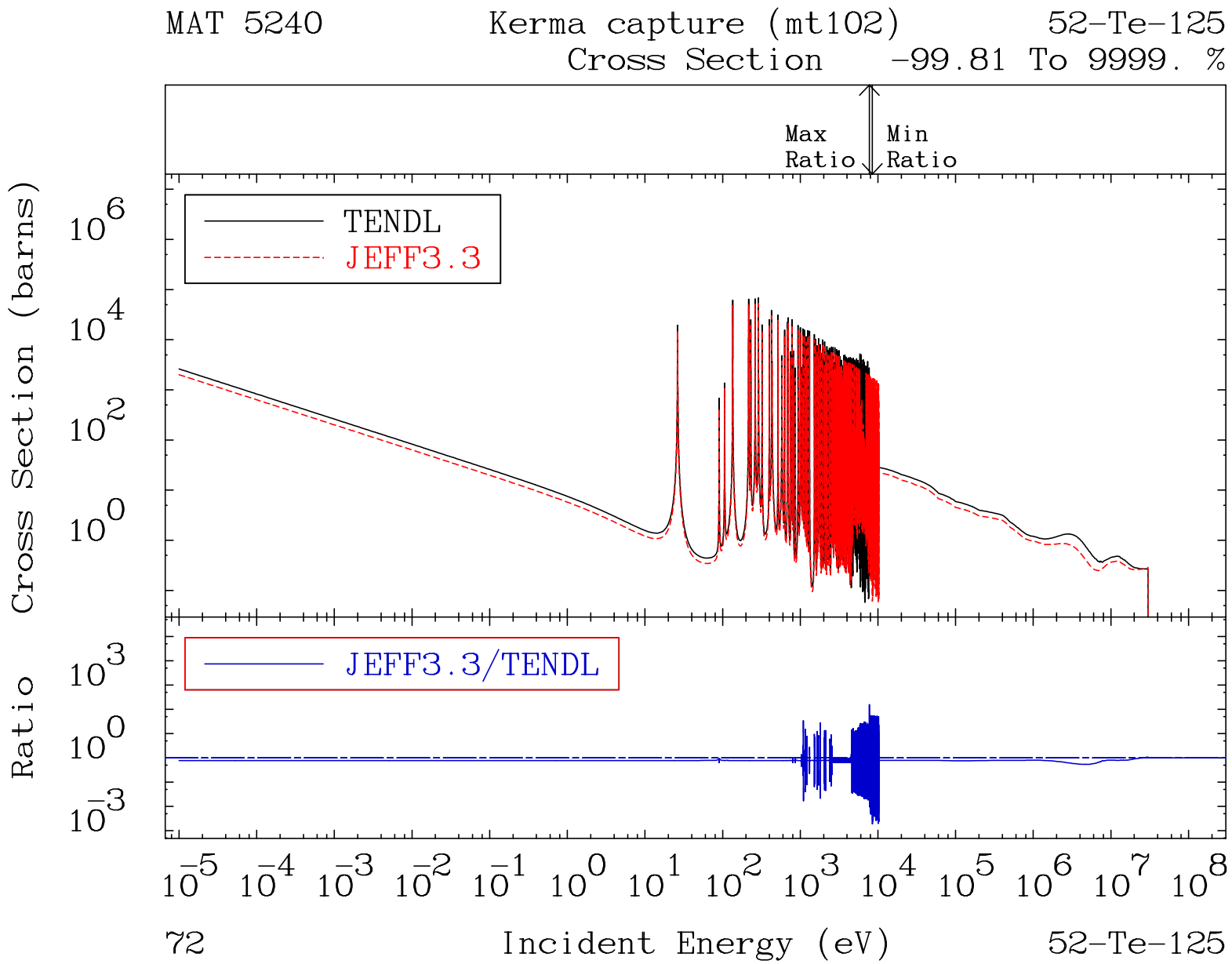

MAT 5240
Kerma total (eV-barns)
52-Te-125
Cross Section -95.72 To 4520. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
67
52-Te-125

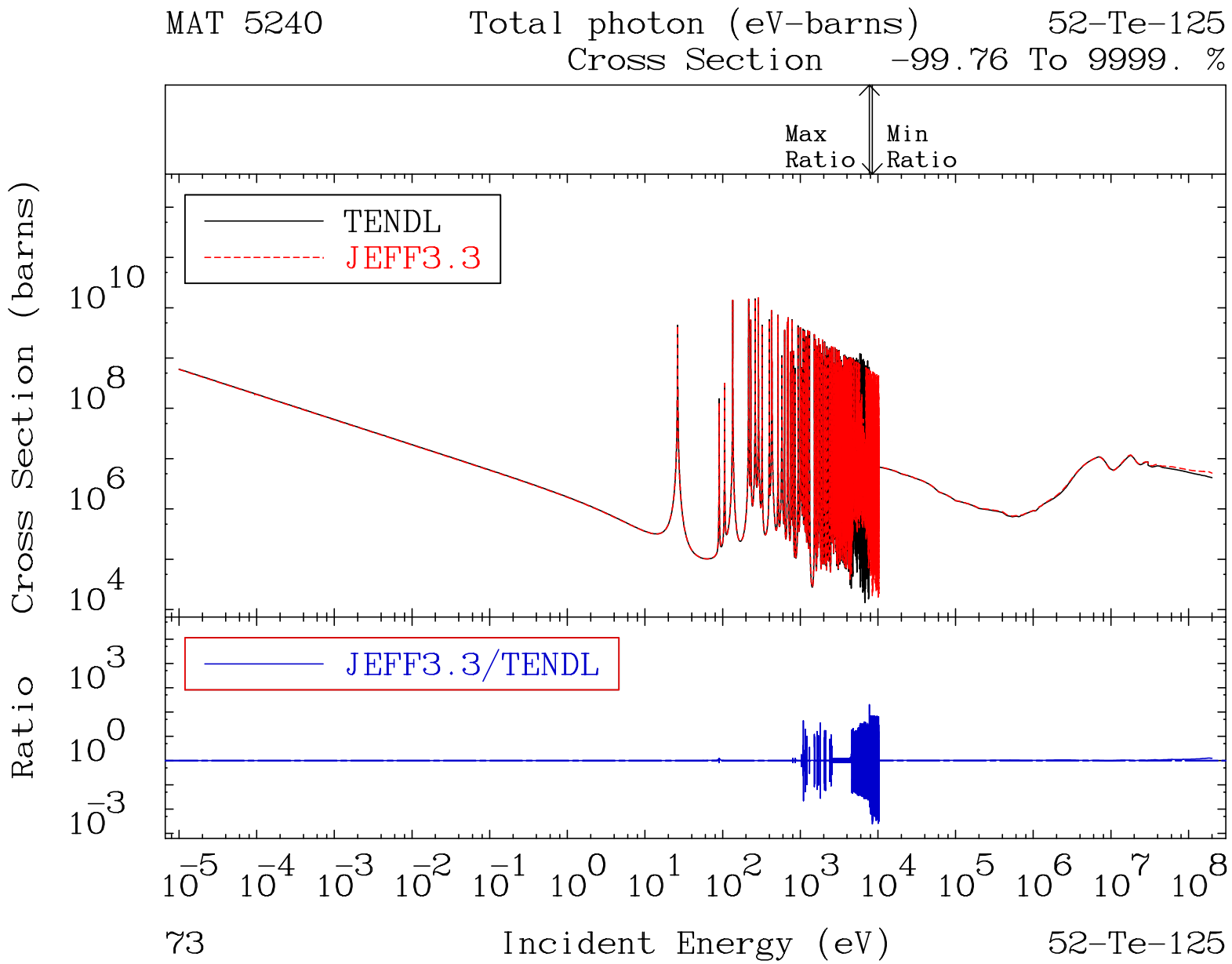

MAT 5240
Kerma elastic
Cross Section
52-Te-125
-97.77 To 5939. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
68
52-Te-125

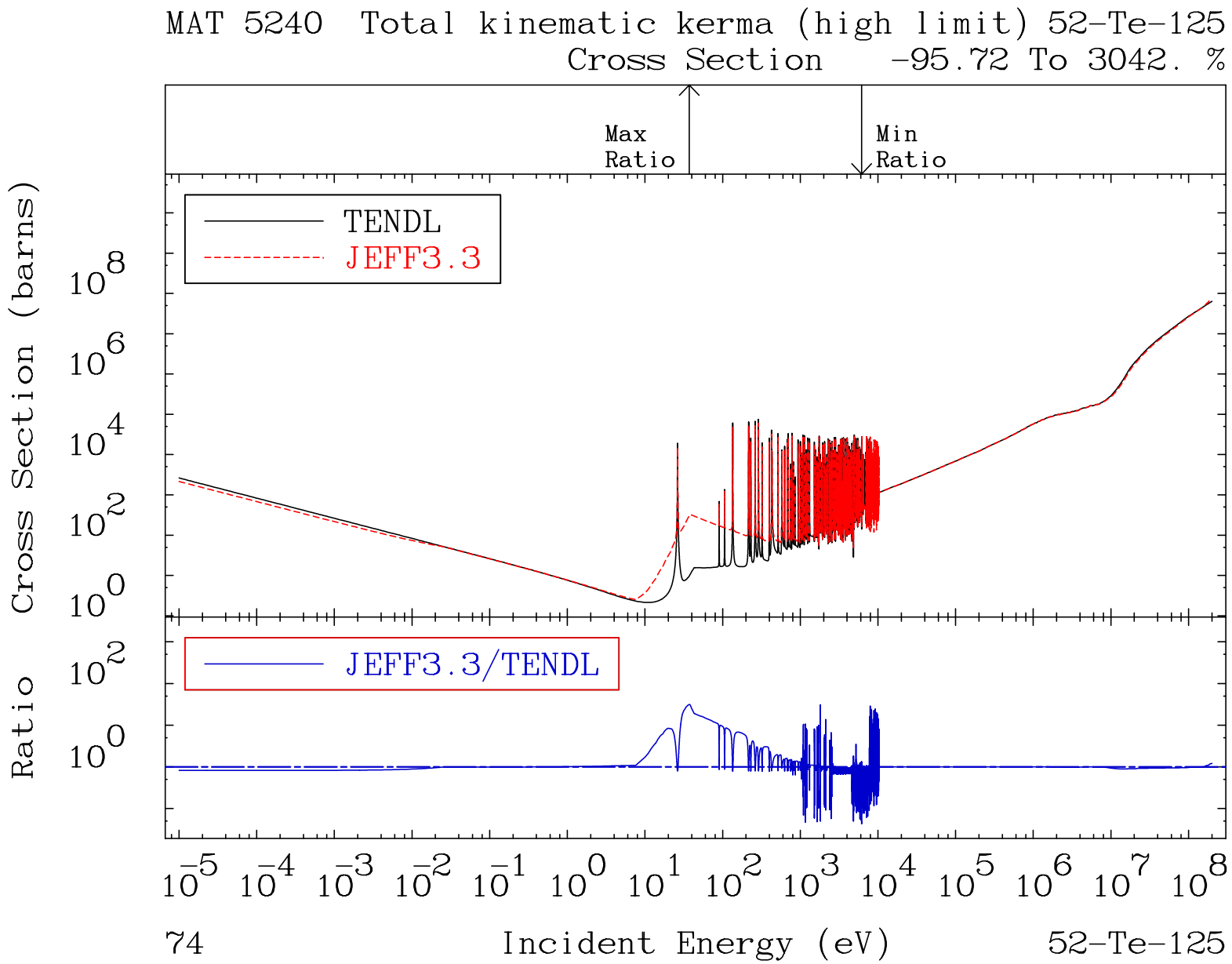

MAT 5240 Kerma non-elastic (all but mt2) 52-Te-125
Cross Section -97.63 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
69
52-Te-125

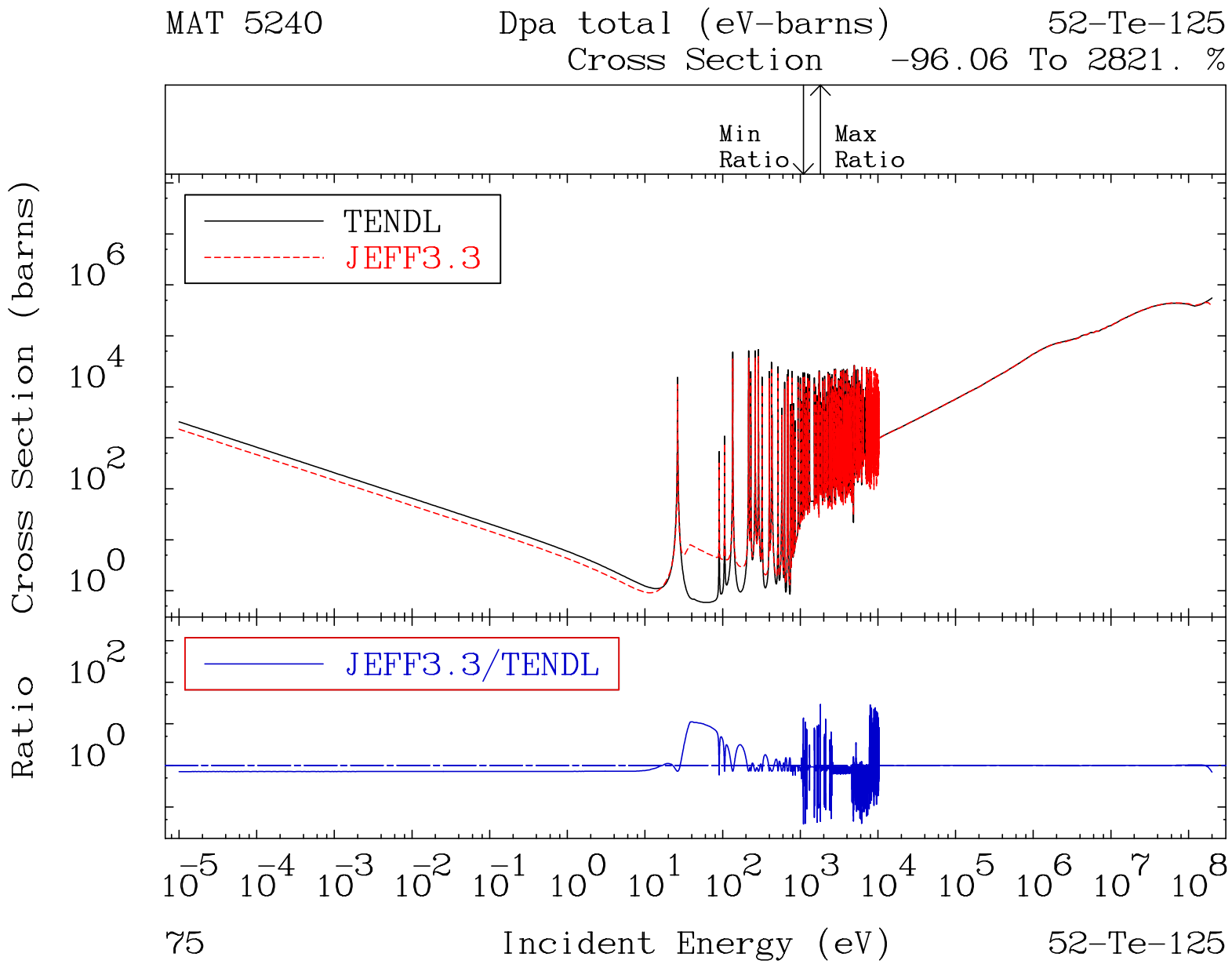

MAT 5240
Kerma inelastic (mt51-91)
52-Te-125
Cross Section
-409.2 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 35.779 keV
JEFF3.3 Threshold 35.779 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
70
52-Te-125

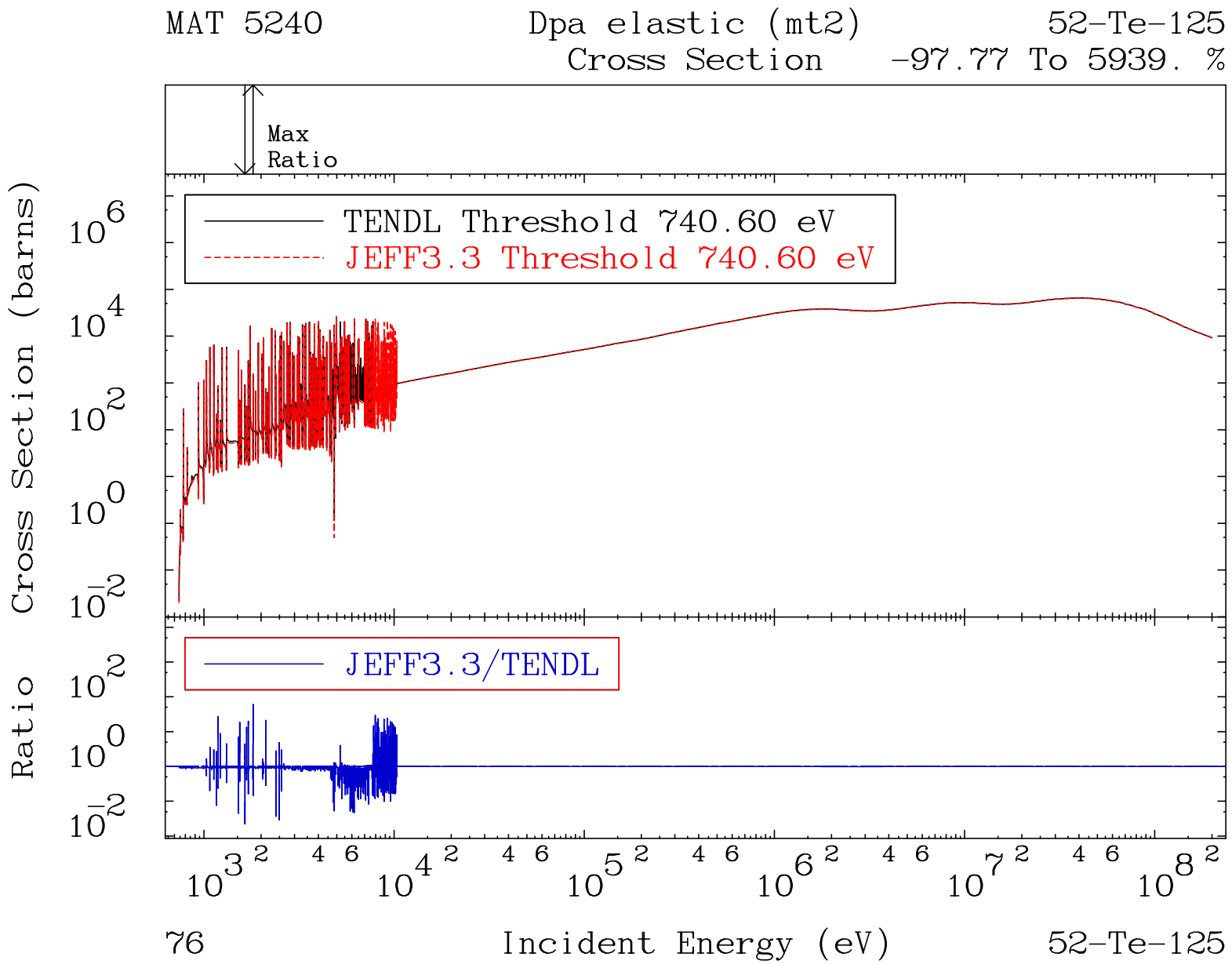

MAT 5240 Kerma fission (mt18 or mt19-20-21-38) 52-Te-125
Cross Section -409.2 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
1.5
1.0
0.5
0.0
-0.5
-1.0
120
60
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
71
Incident Energy (eV)
52-Te-125

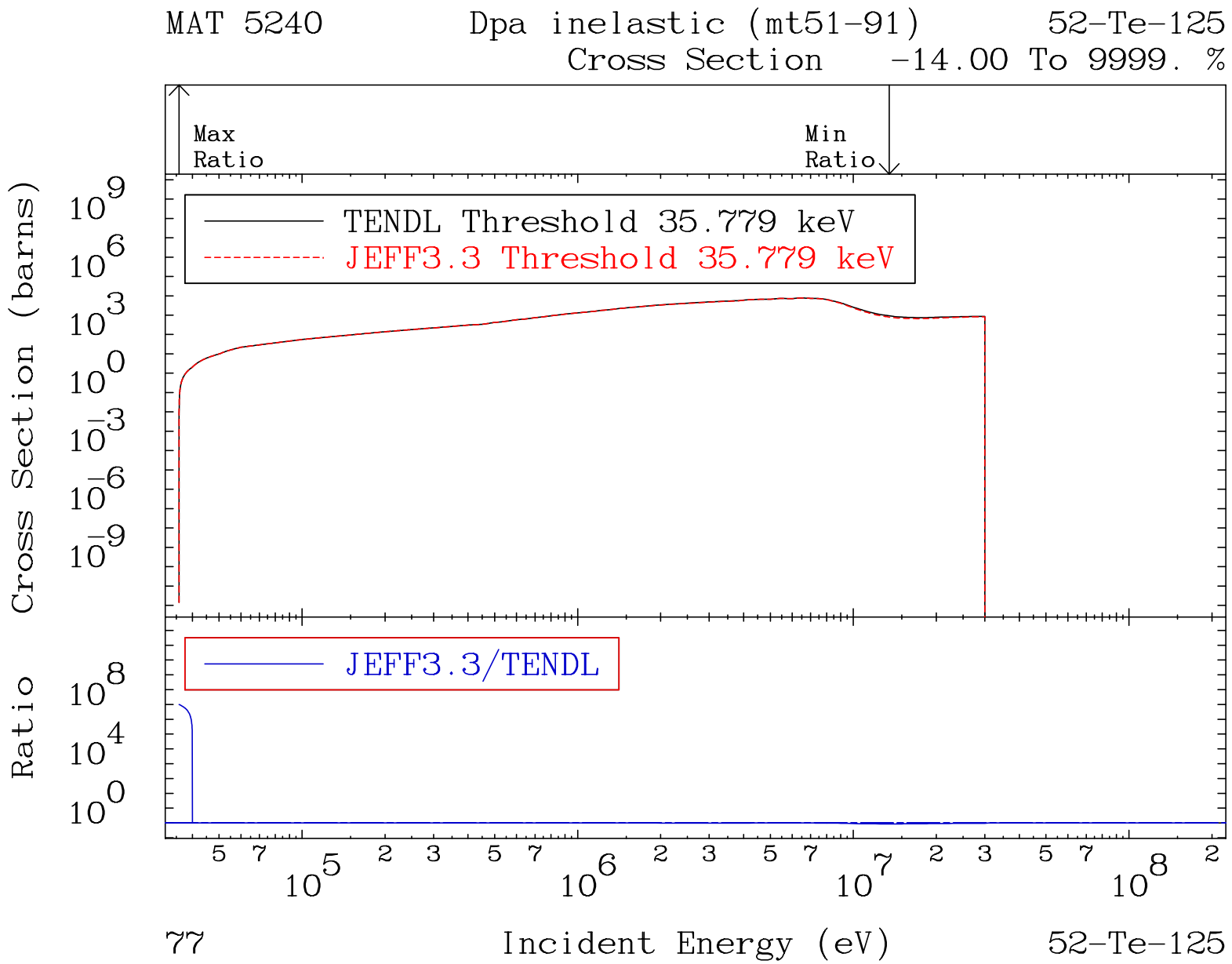

MAT 5240
Kerma capture (mt102)
52-Te-125
Cross Section -99.81 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
72
52-Te-125

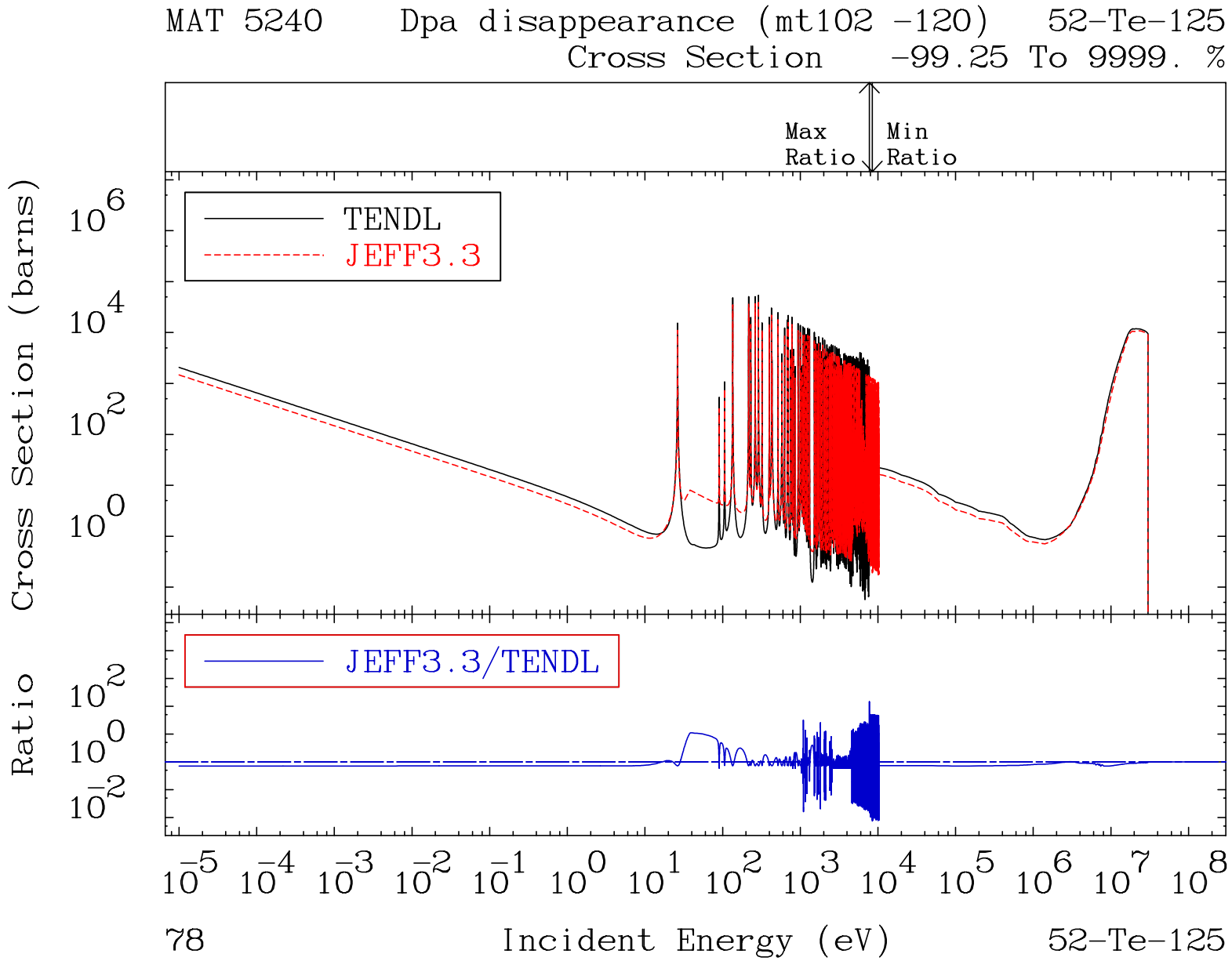

MAT 5240
Total photon (eV-barns)
52-Te-125
Cross Section
-99.76 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
73
52-Te-125

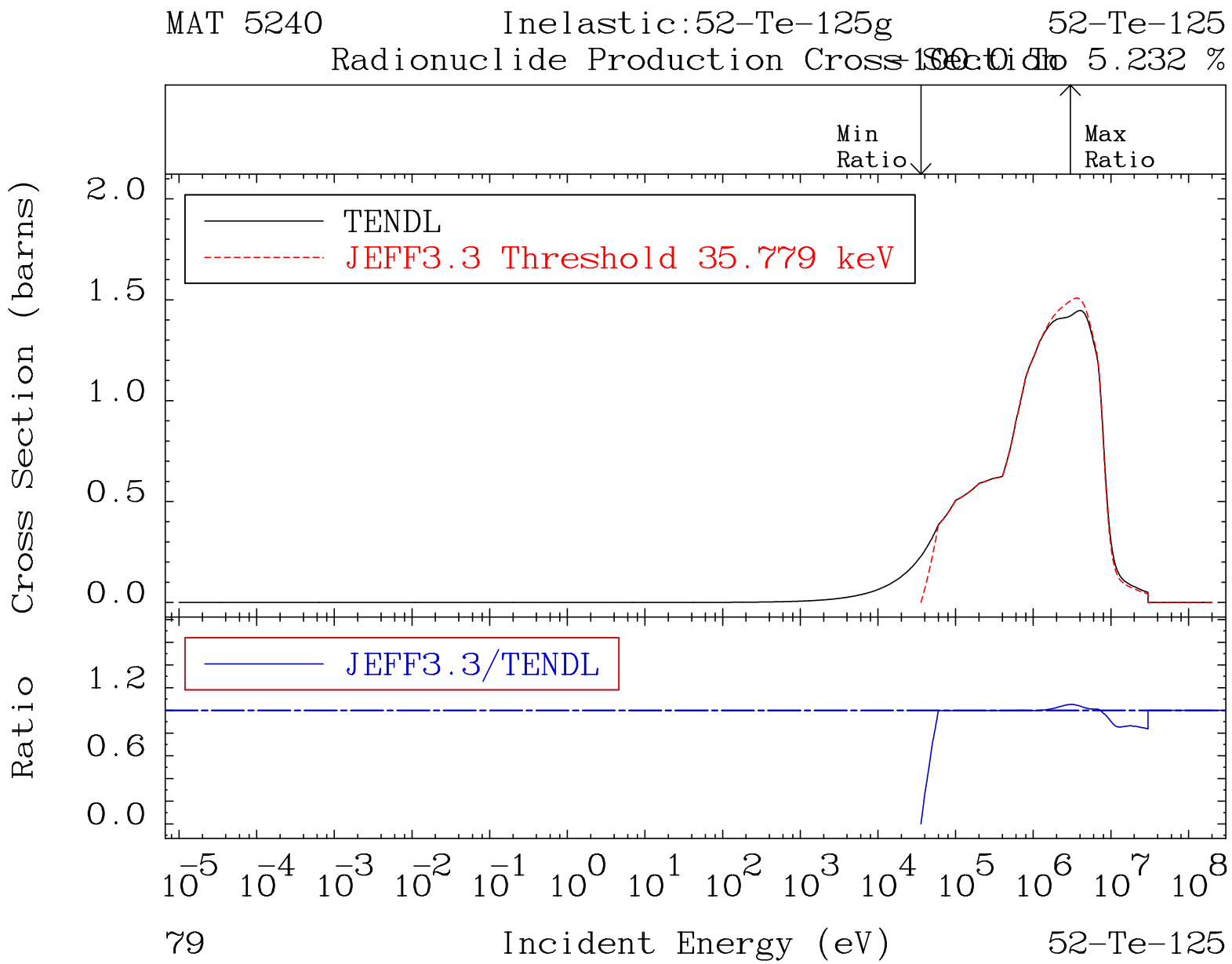

MAT 5240 Total kinematic kerma (high limit) 52-Te-125
Cross Section -95.72 To 3042. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
74
52-Te-125

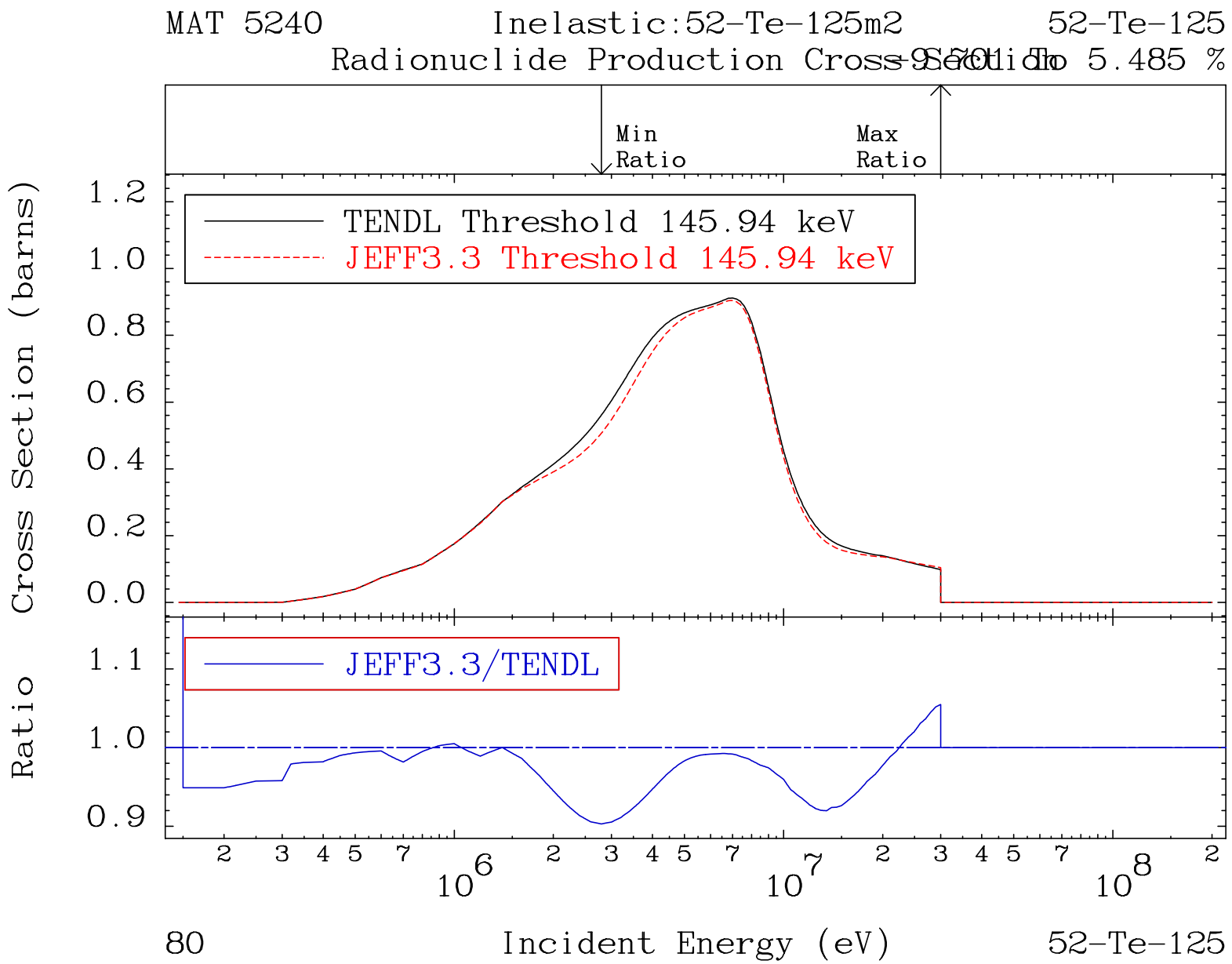

MAT 5240
Dpa total (eV-barns)
52-Te-125
Cross Section
-96.06 To 2821. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
75
52-Te-125

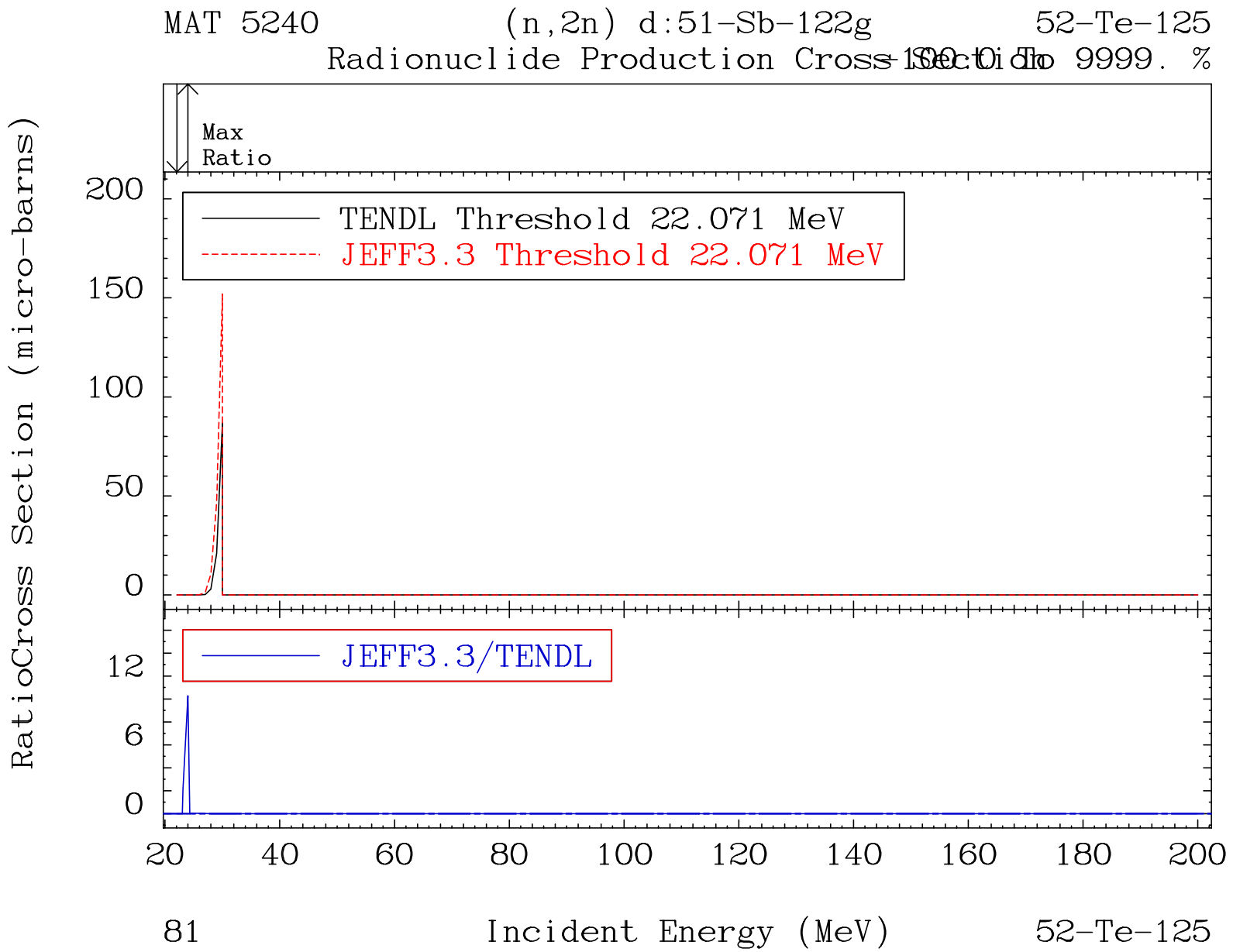

MAT 5240
Dpa elastic (mt2)
Cross Section
52-Te-125
-97.77 To 5939. %
Max
Ratio
TENDL Threshold 740.60 eV
JEFF3.3 Threshold 740.60 eV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
76
52-Te-125

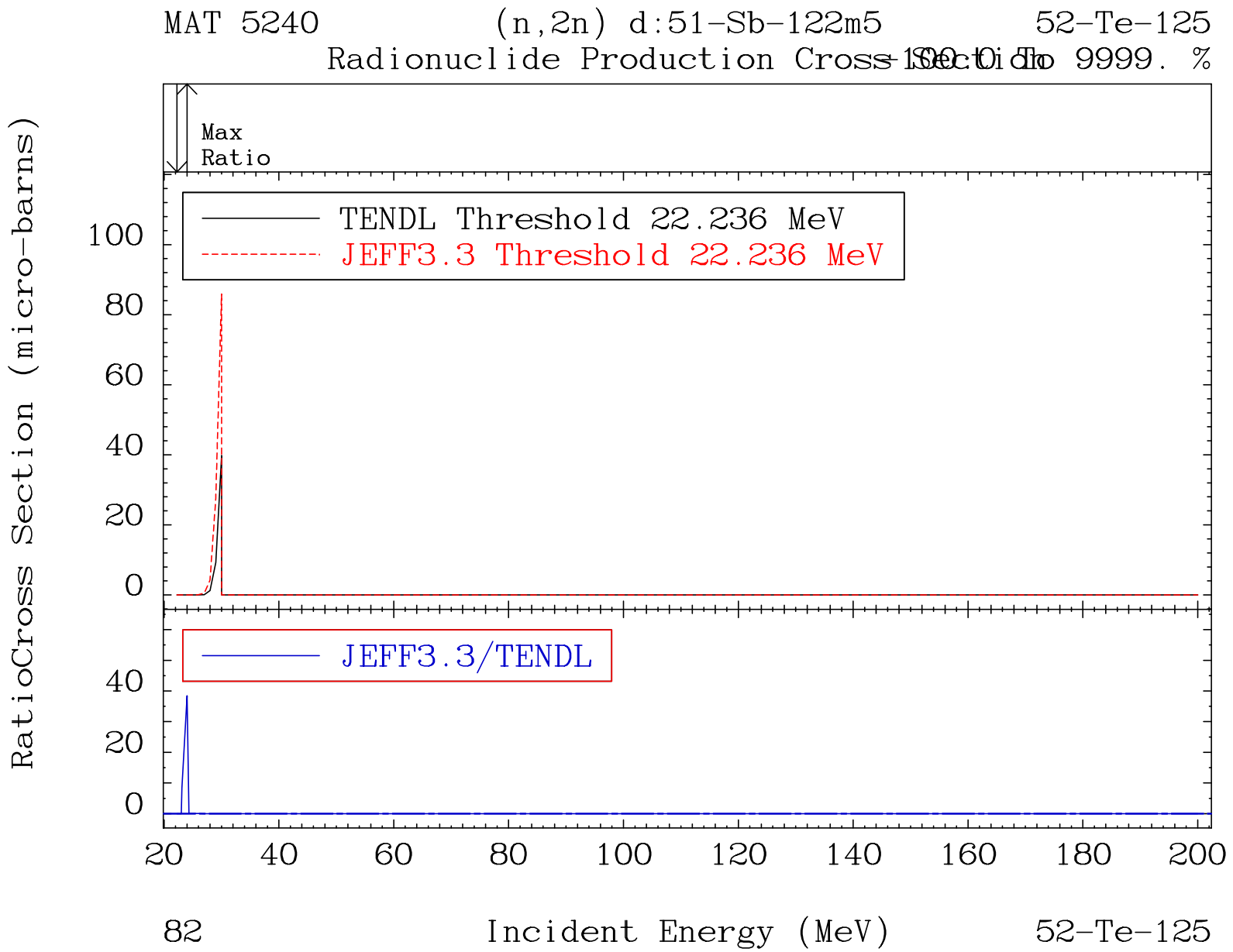

MAT 5240
Dpa inelastic (mt51-91)
52-Te-125
Cross Section
-14.00 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 35.779 keV
JEFF3.3 Threshold 35.779 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
77
52-Te-125

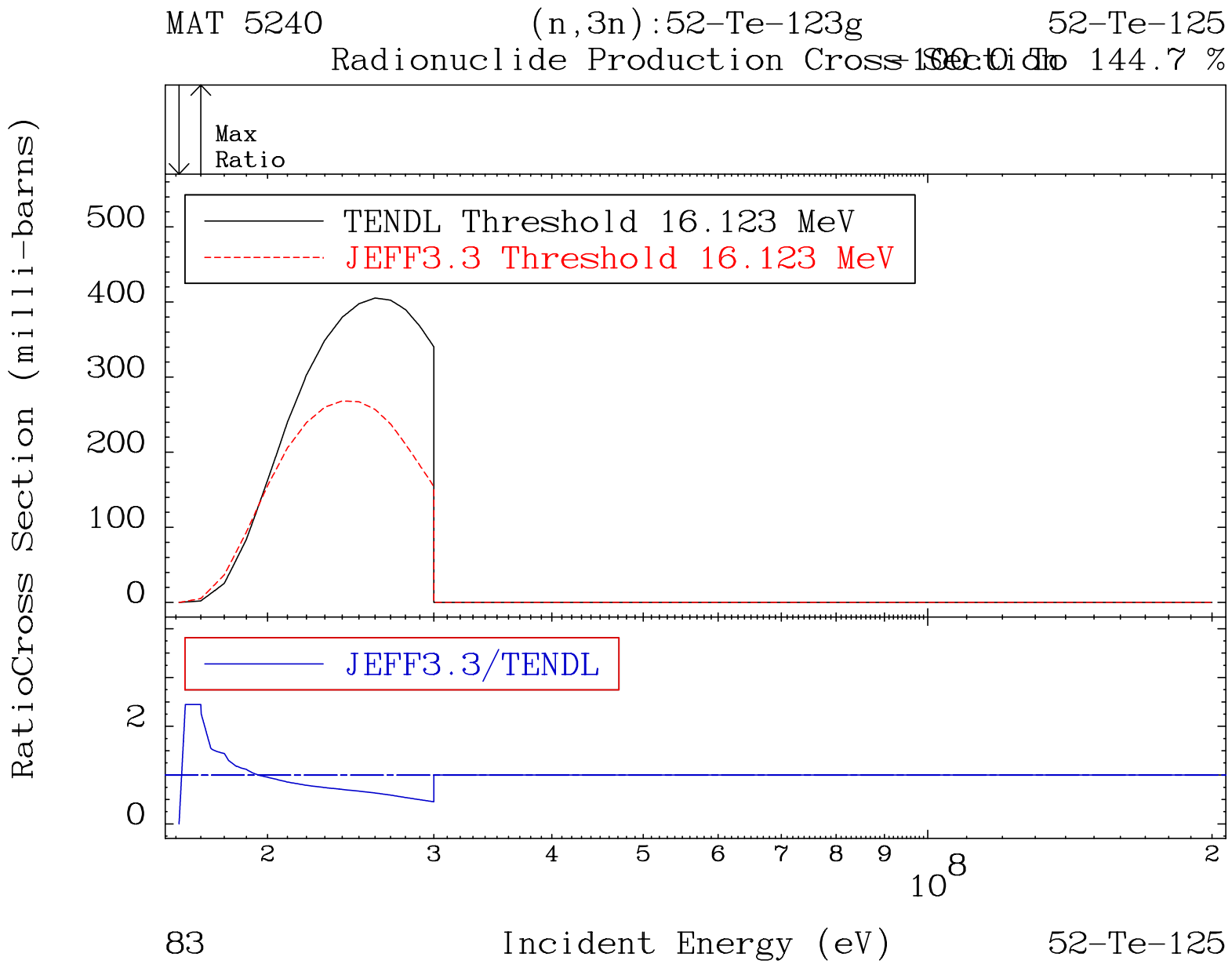

MAT 5240 Dpa disappearance (mt102 -120) 52-Te-125
Cross Section -99.25 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
78
52-Te-125

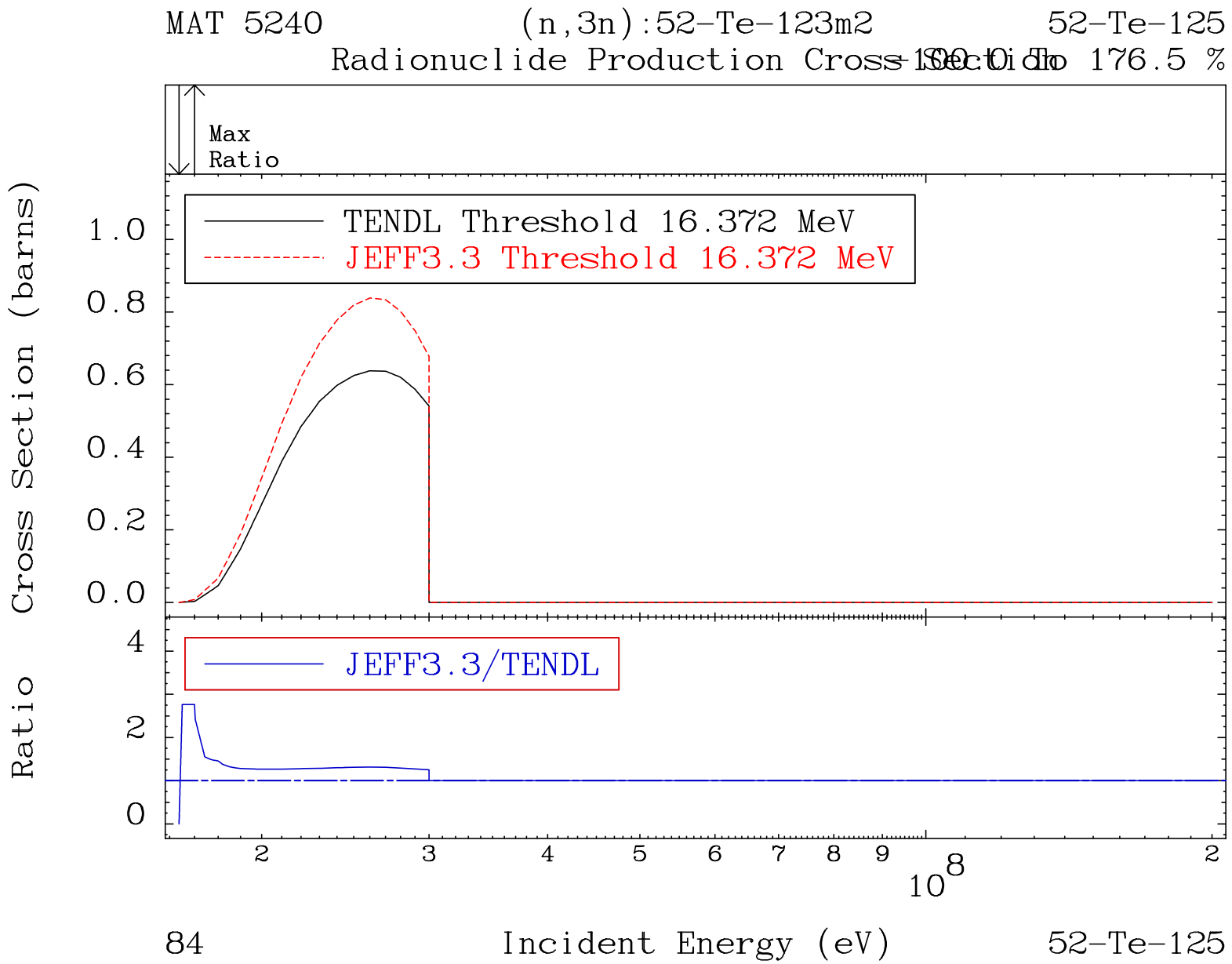

MAT 5240
Inelastic:52-Te-125g
52-Te-125
Radionuclide Production Cross Section To
Min Ratio
Max Ratio
TENDL
JEFF3.3 Threshold 35.779 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
2.0
1.5
1.0
0.5
0.0
1.2
0.6
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
79
Incident Energy (eV)
52-Te-125

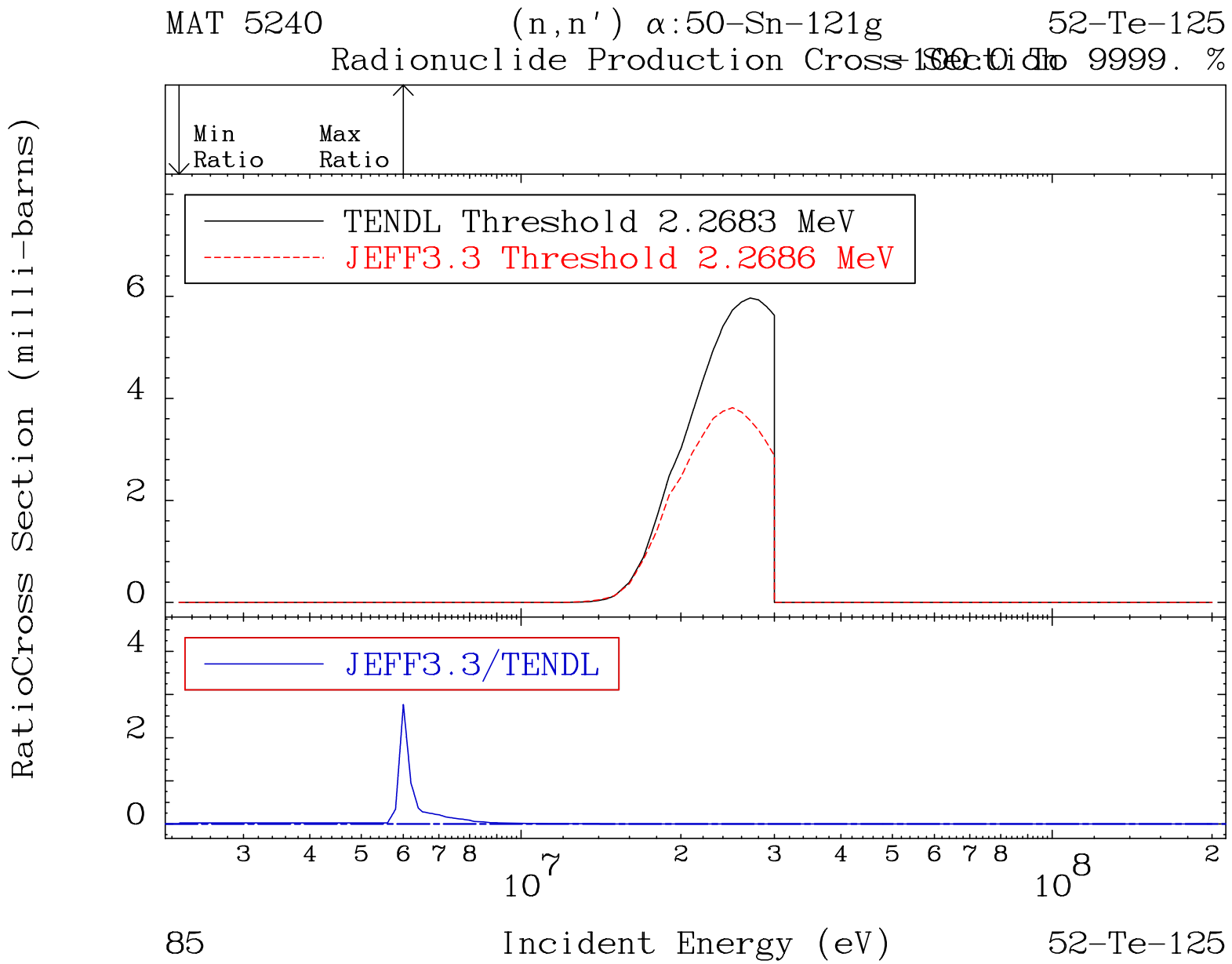

MAT 5240
Inelastic:52-Te-125m2
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 145.94 keV
JEFF3.3 Threshold 145.94 keV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
Incident Energy (eV)
80
52-Te-125

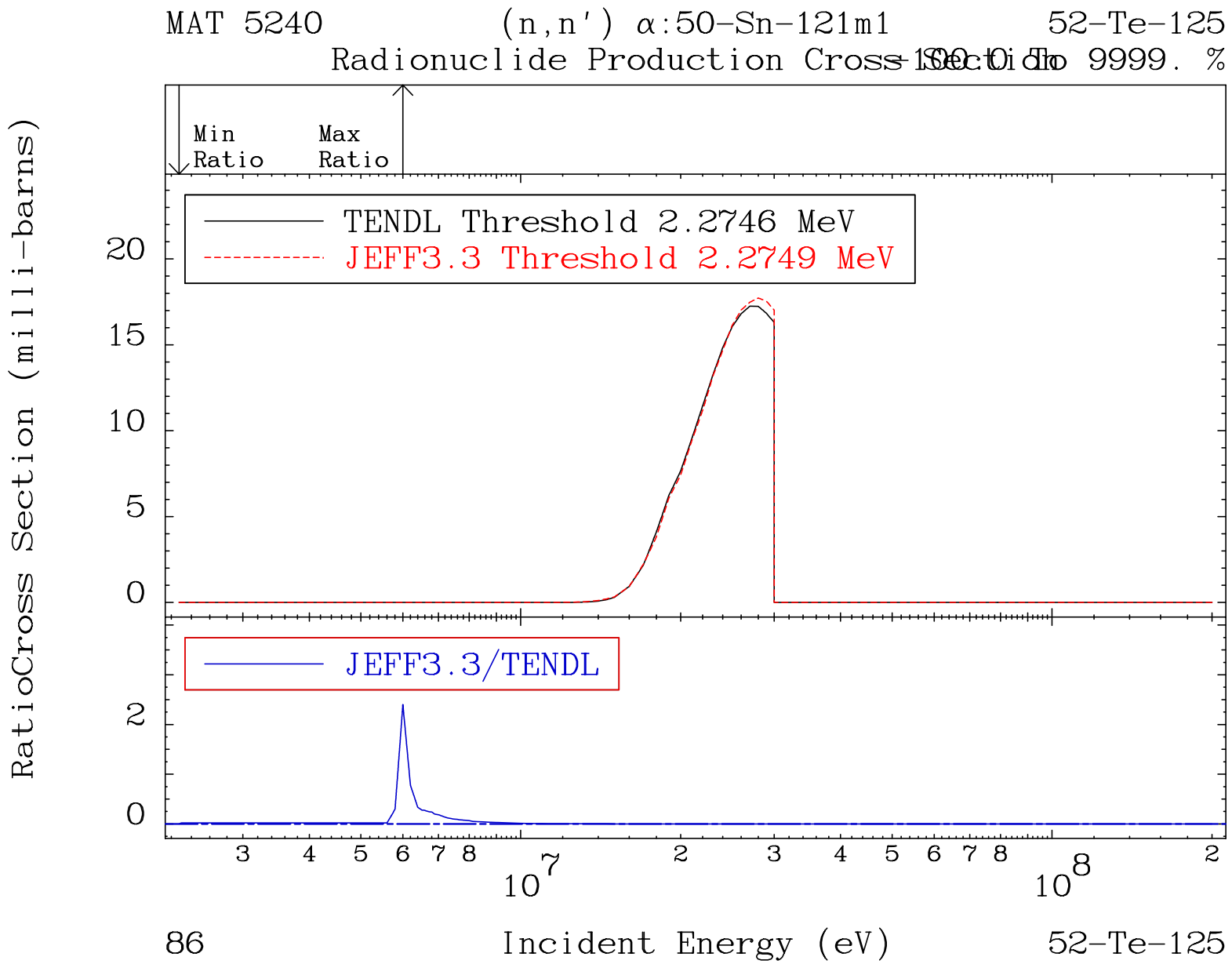

MAT 5240
(n,2n) d:51-Sb-122g
52-Te-125
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 22.071 MeV
JEFF3.3 Threshold 22.071 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
200
150
100
50
0
12
6
0
20
40
60
80
100
120
140
160
180
200
81
Incident Energy (MeV)
52-Te-125

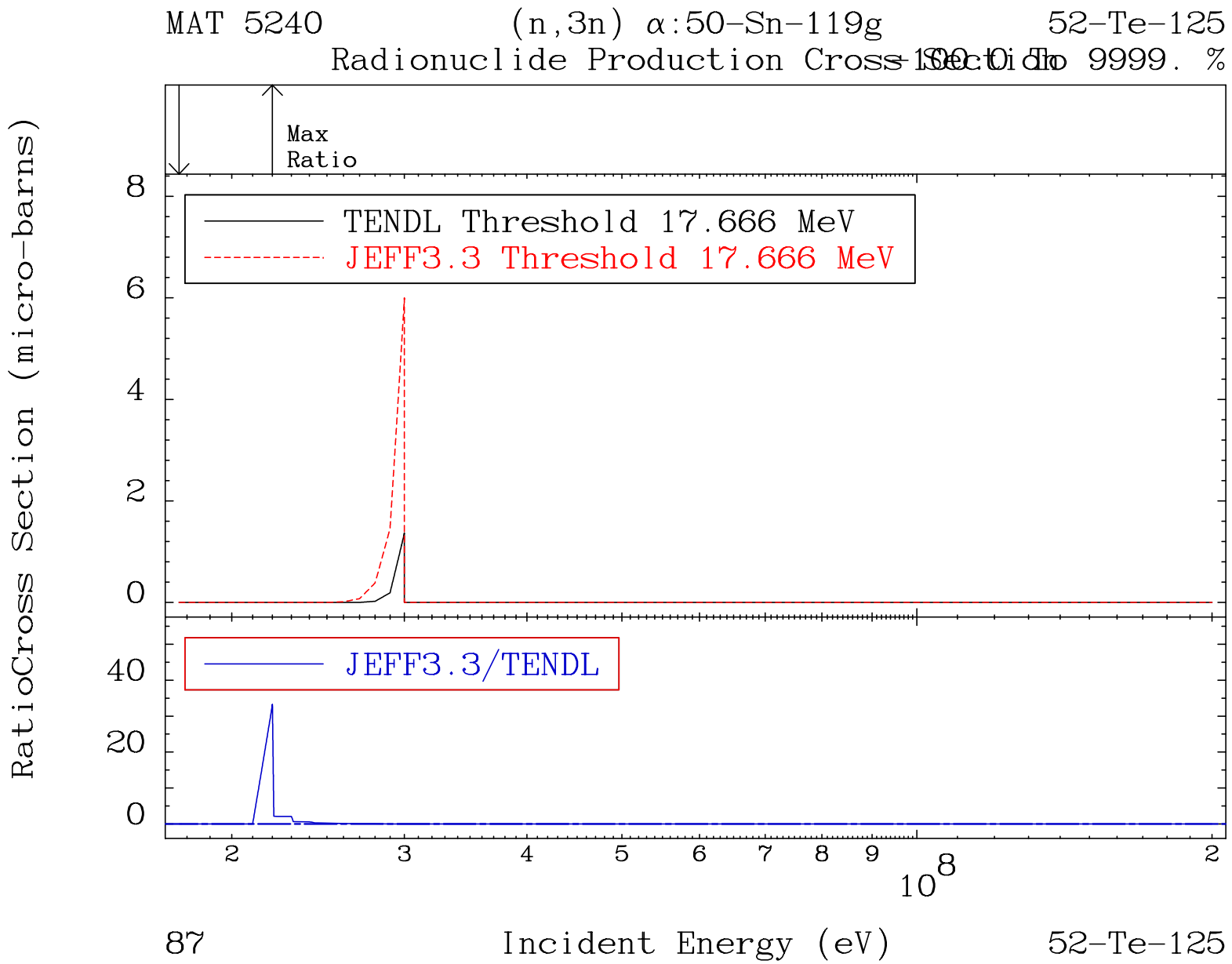

MAT 5240
(n,2n) d:51-Sb-122m5
52-Te-125
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 22.236 MeV
JEFF3.3 Threshold 22.236 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
100
80
60
40
20
0
40
20
0
20
40
60
80
100
120
140
160
180
200
82
Incident Energy (MeV)
52-Te-125

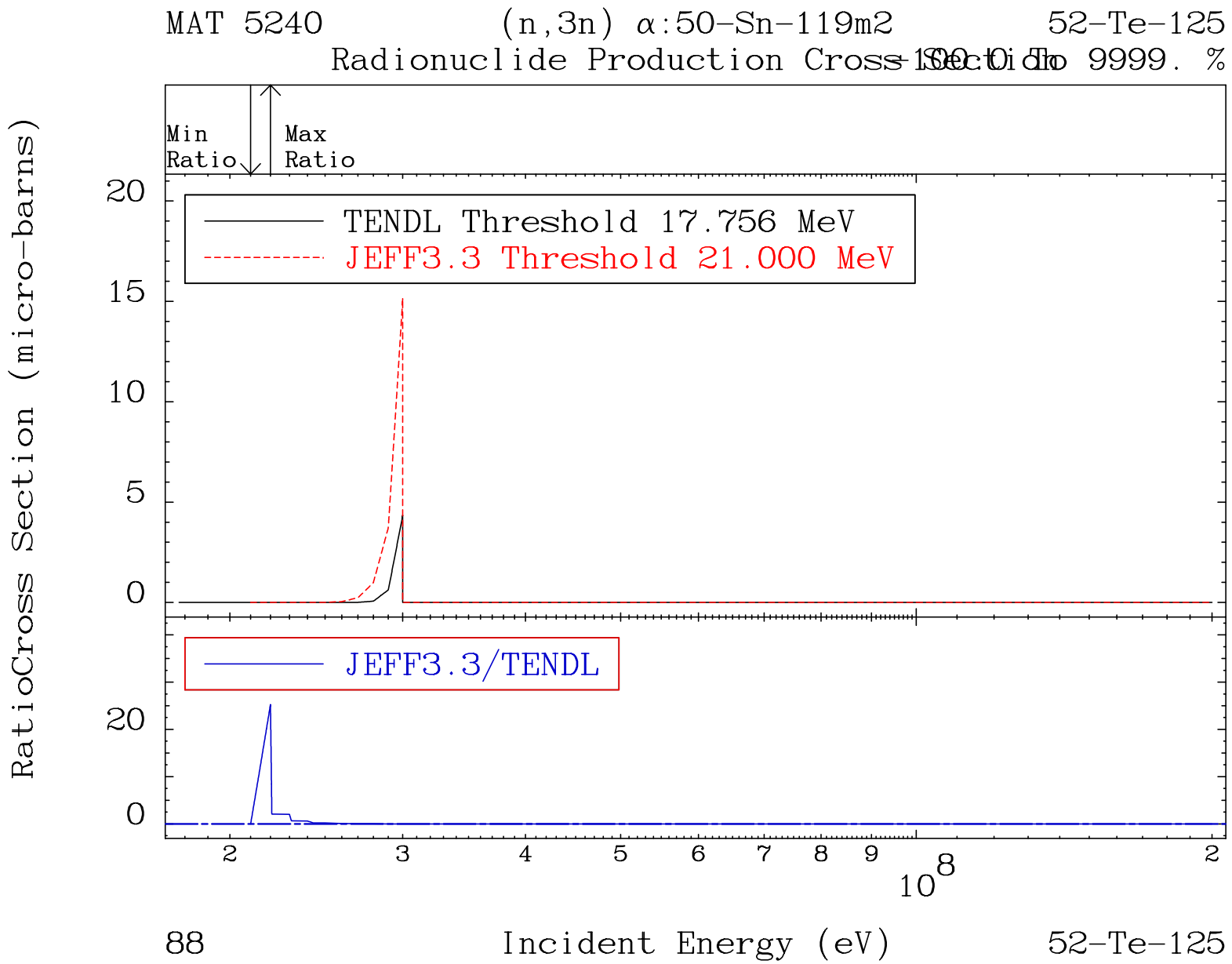

MAT 5240
(n,3n):52-Te-123g
52-Te-125
Radionuclide Production Cross Section To 144.7 %
Max
Ratio
TENDL Threshold 16.123 MeV
JEFF3.3 Threshold 16.123 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
500
400
300
200
100
0
2
0
2
3
4
5
6
7
8
9
10^8
2
83
Incident Energy (eV)
52-Te-125

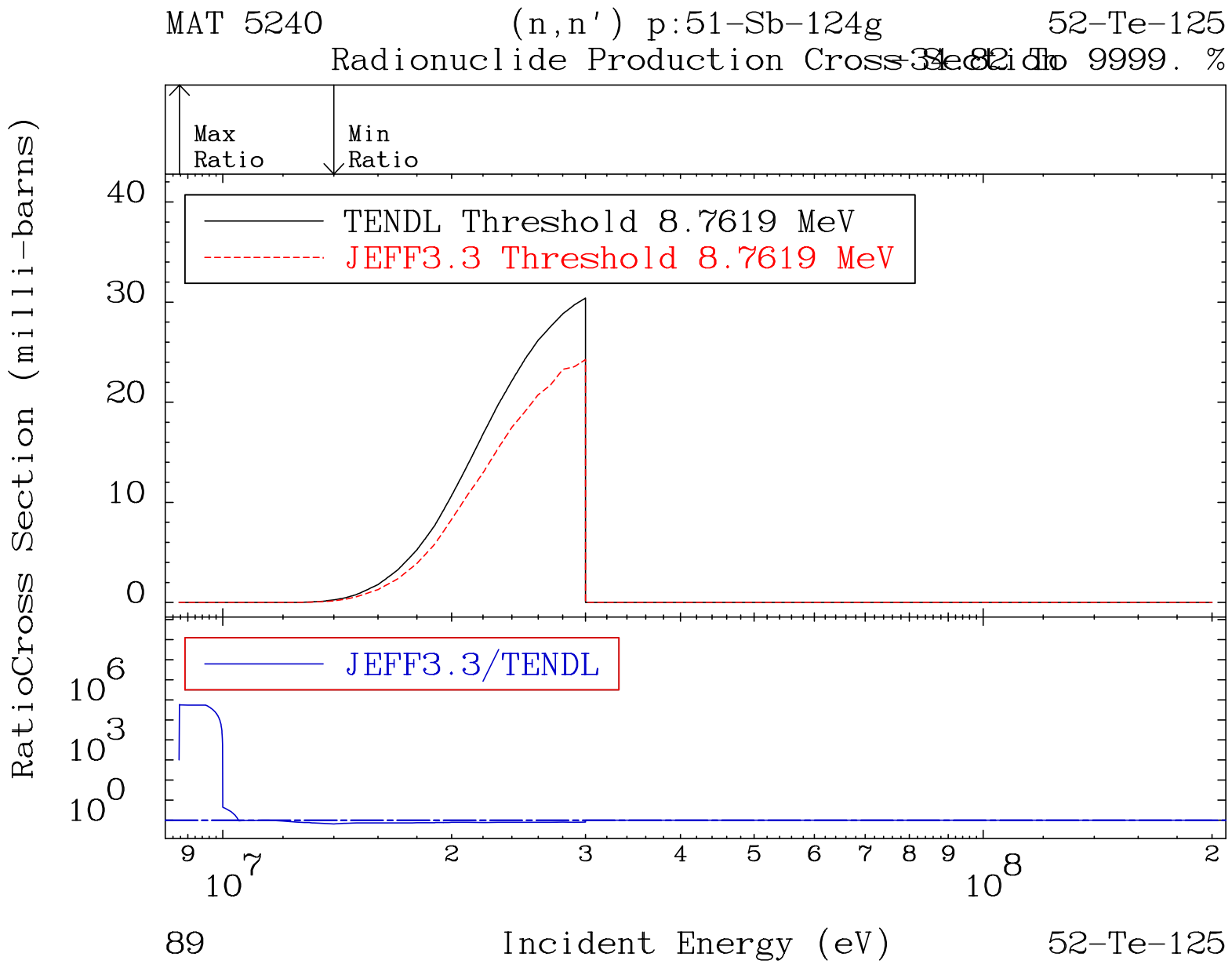

MAT 5240
(n,3n):52-Te-123m2
52-Te-125
Radionuclide Production Cross Section
Max
Ratio
TENDL Threshold 16.372 MeV
JEFF3.3 Threshold 16.372 MeV
JEFF3.3/TENDL
Cross Section (barns)
Ratio
1.0
0.8
0.6
0.4
0.2
0.0
4
2
0
2
3
4
5
6
7
8
9
2
10^8
84
Incident Energy (eV)
52-Te-125

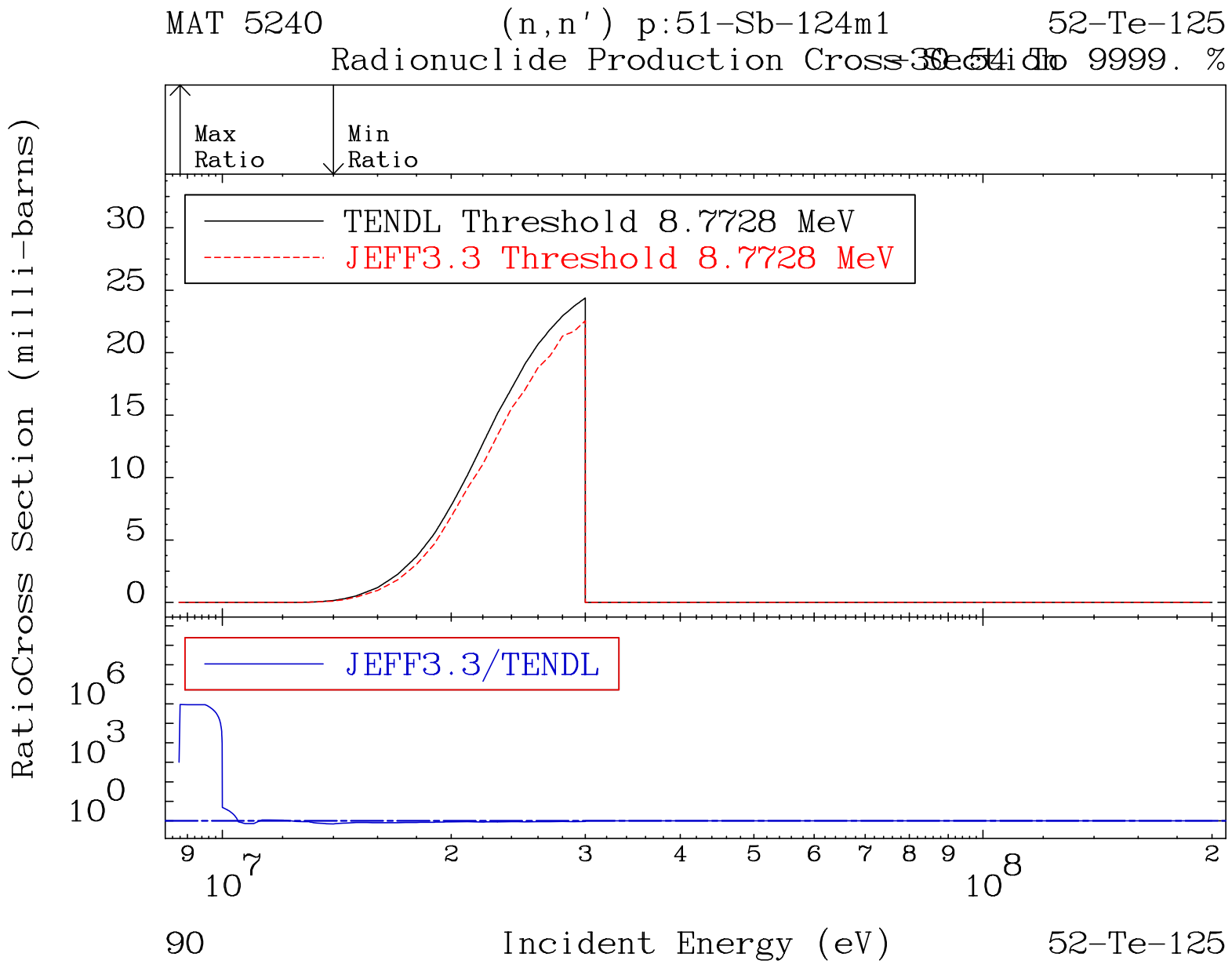

MAT 5240
(n,n') α:50-Sn-121g
52-Te-125
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.2683 MeV
JEFF3.3 Threshold 2.2686 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
85
52-Te-125

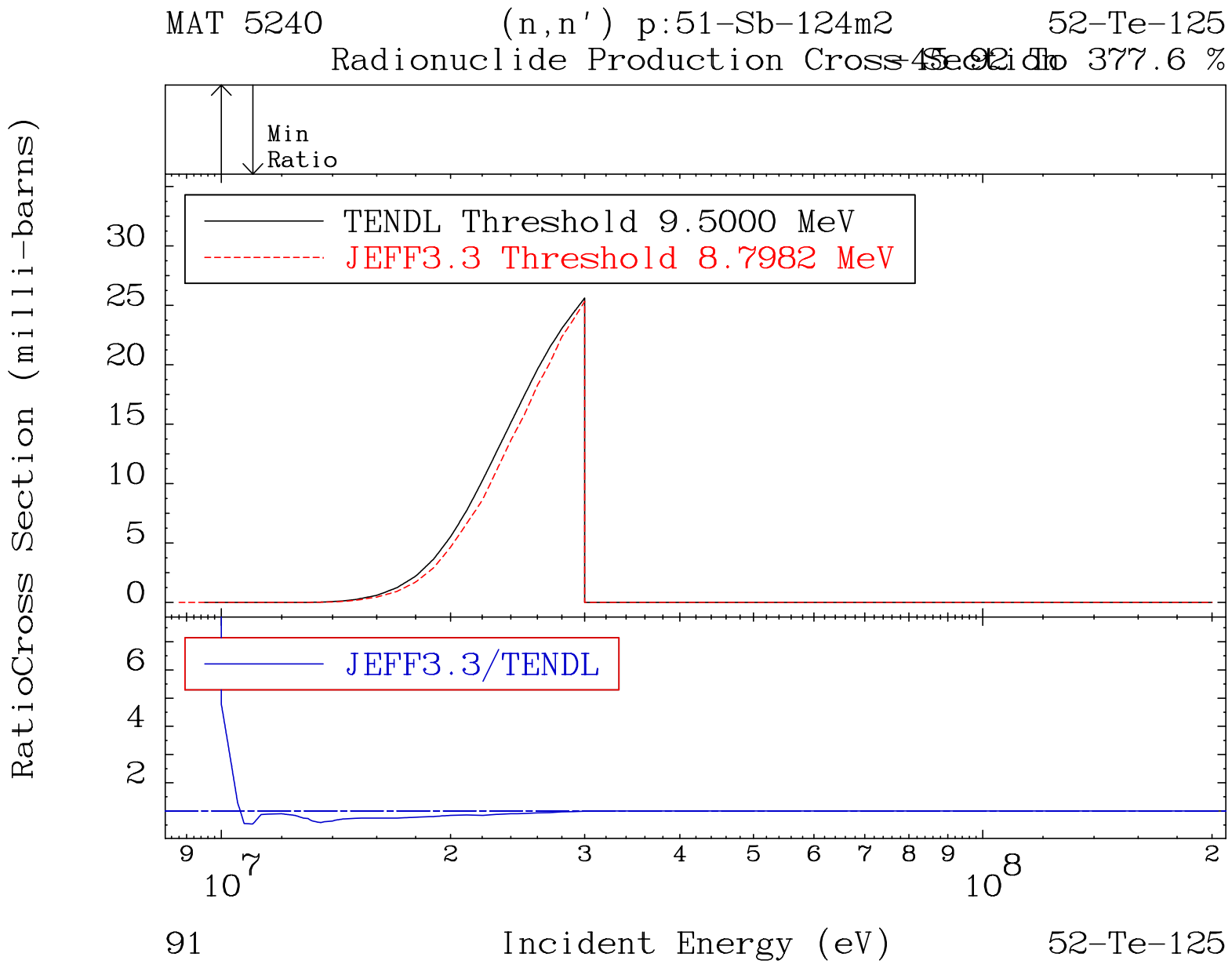

MAT 5240
(n,n') α:50-Sn-121m1
52-Te-125
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 2.2746 MeV
JEFF3.3 Threshold 2.2749 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
20
15
10
5
0
2
0
3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
86
Incident Energy (eV)
52-Te-125

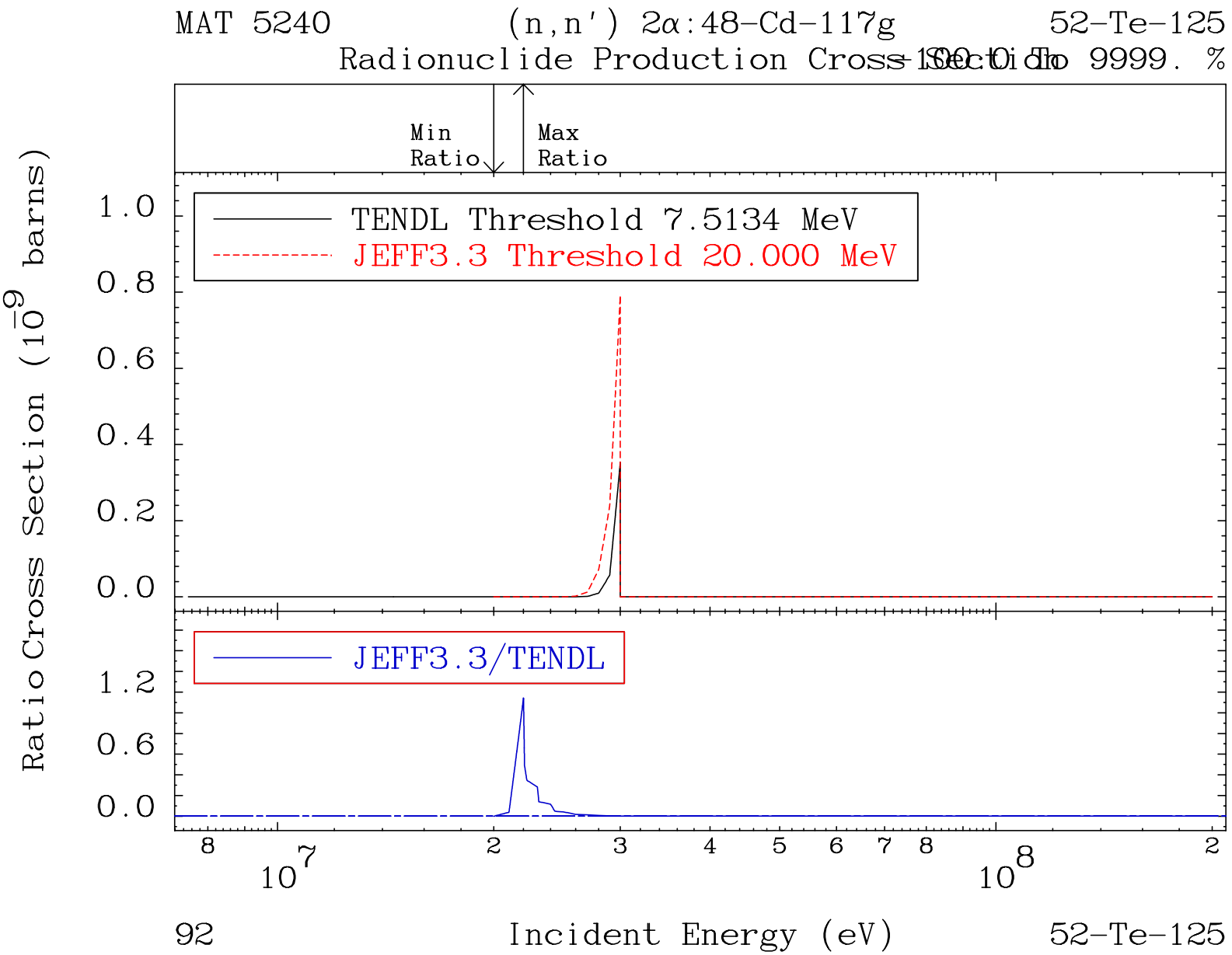

MAT 5240
(n,3n) α:50-Sn-119g
52-Te-125
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 17.666 MeV
JEFF3.3 Threshold 17.666 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
87
52-Te-125

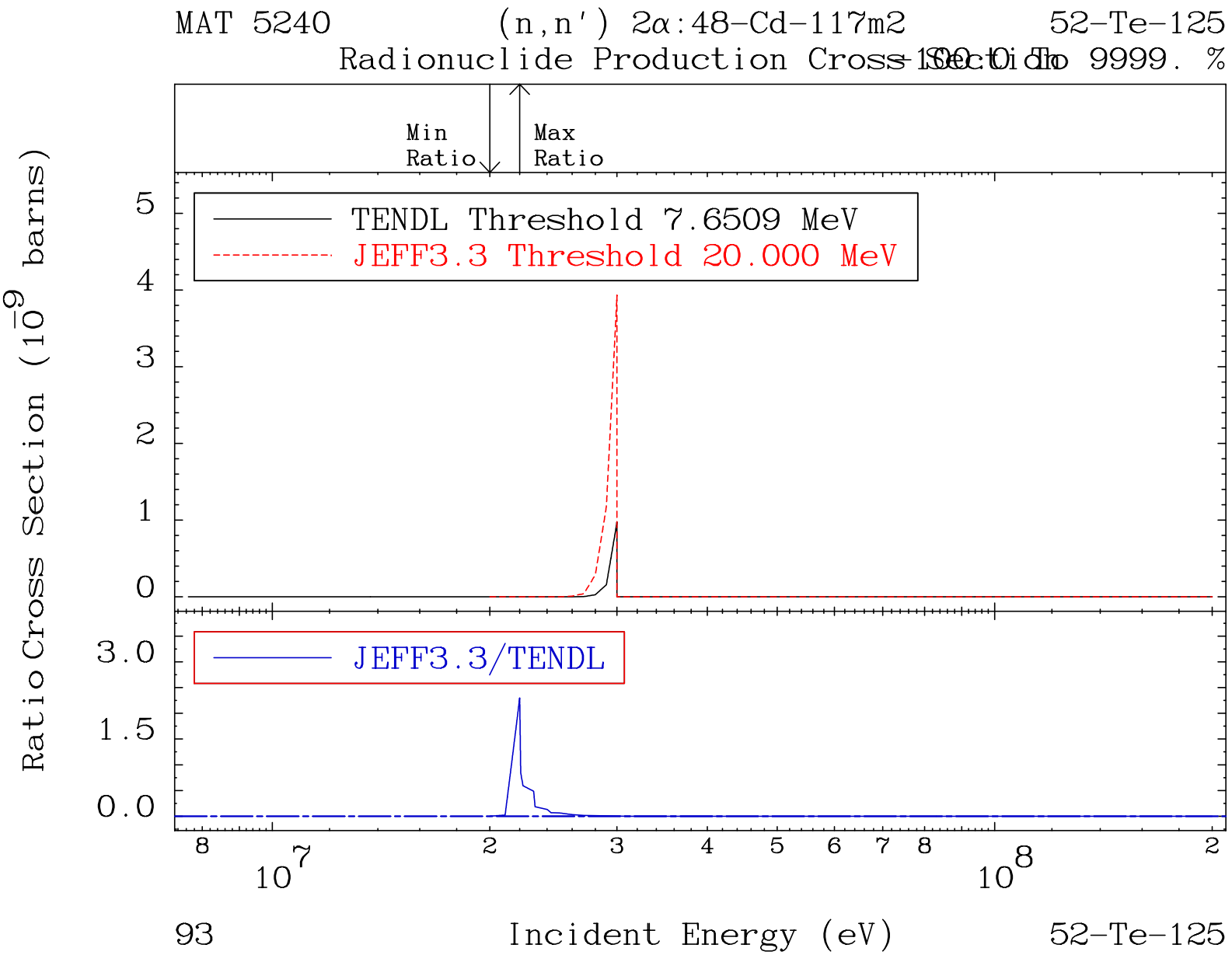

MAT 5240
(n,3n) α:50-Sn-119m2
52-Te-125
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 17.756 MeV
JEFF3.3 Threshold 21.000 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
20
15
10
5
0
20
0
2
3
4
5
6
7
8
9
10^8
2
88
Incident Energy (eV)
52-Te-125

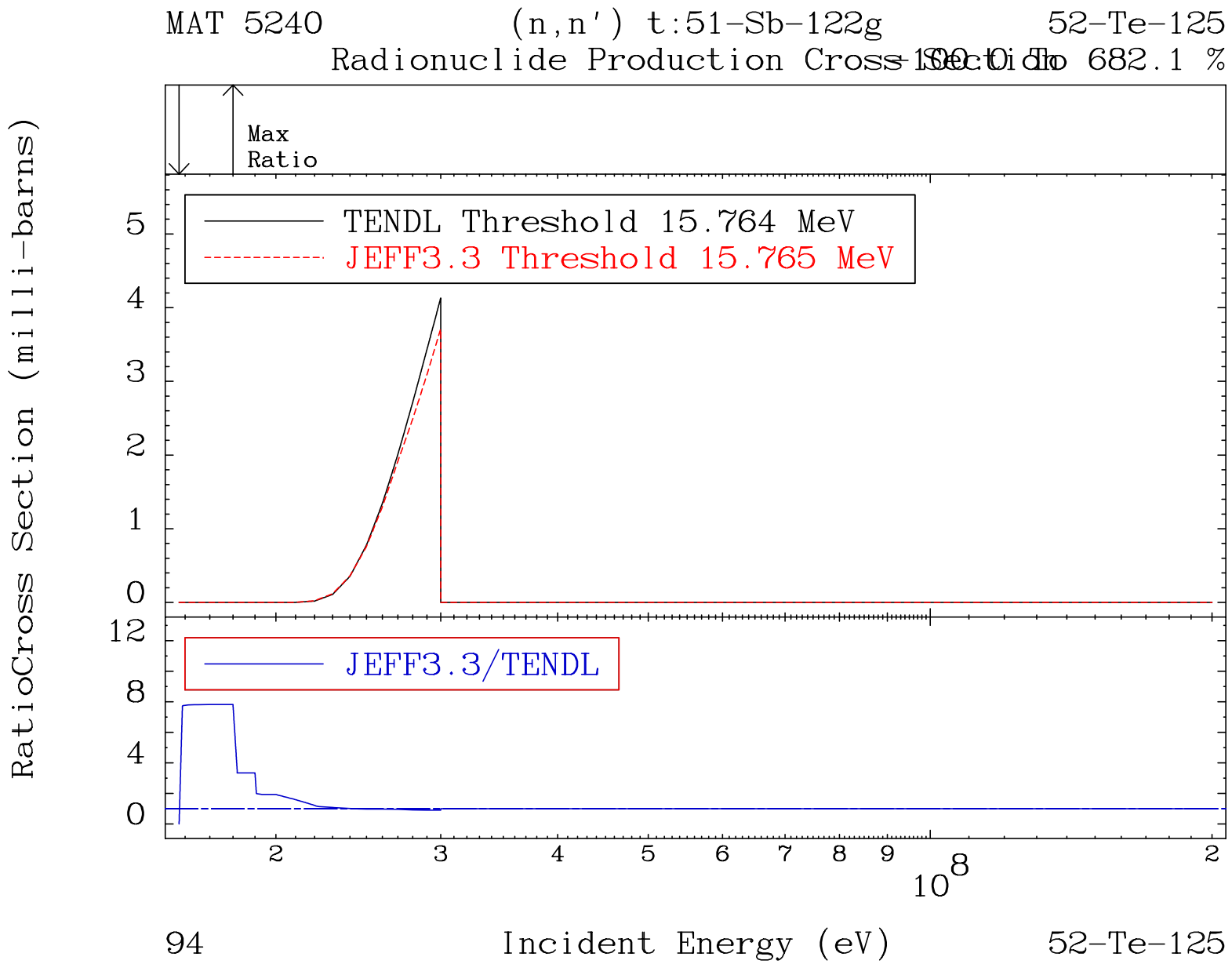

MAT 5240
(n,n') p:51-Sb-124g
52-Te-125
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 8.7619 MeV
JEFF3.3 Threshold 8.7619 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
89
52-Te-125

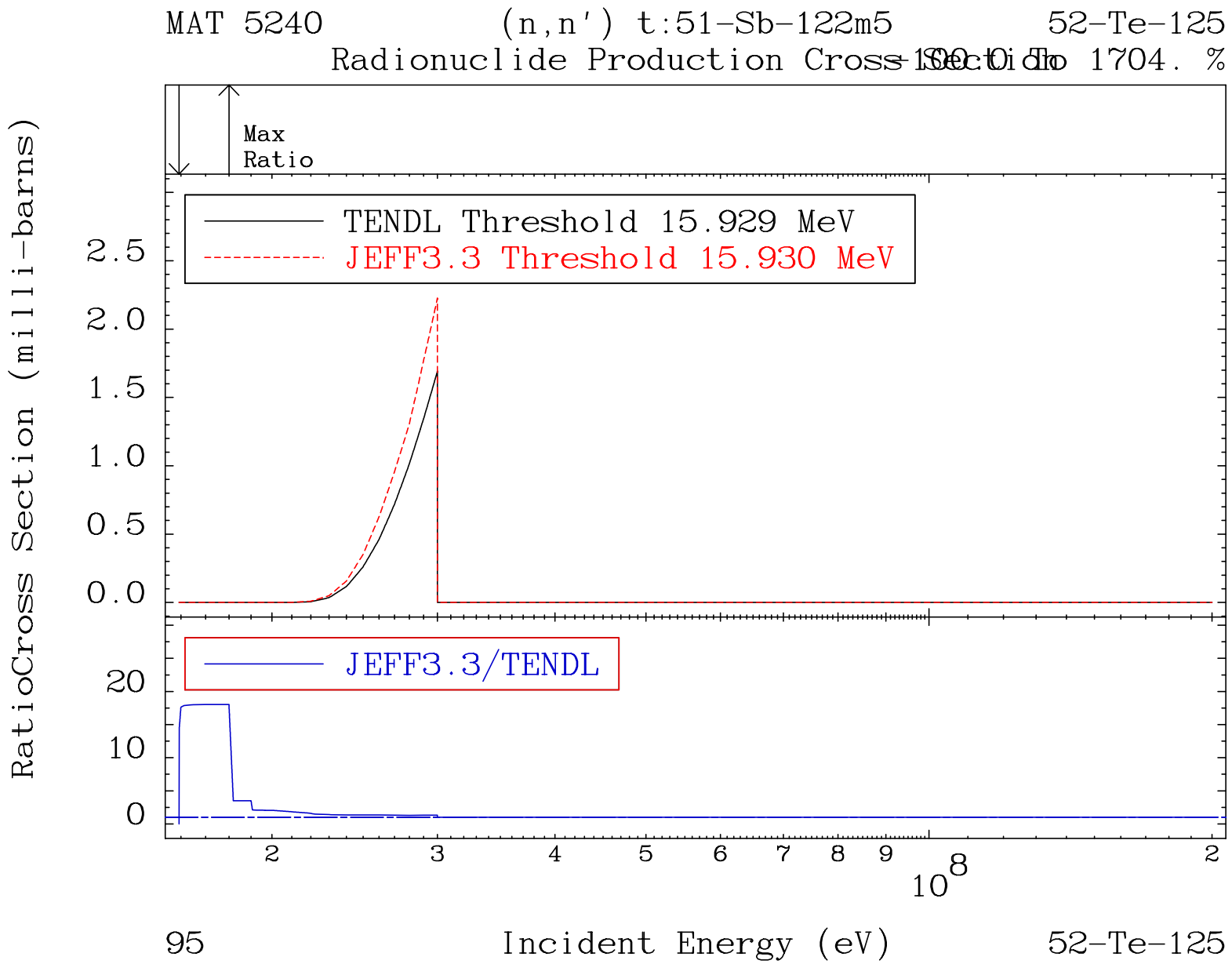

MAT 5240
(n,n') p:51-Sb-124m1
52-Te-125
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 8.7728 MeV
JEFF3.3 Threshold 8.7728 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
90
52-Te-125

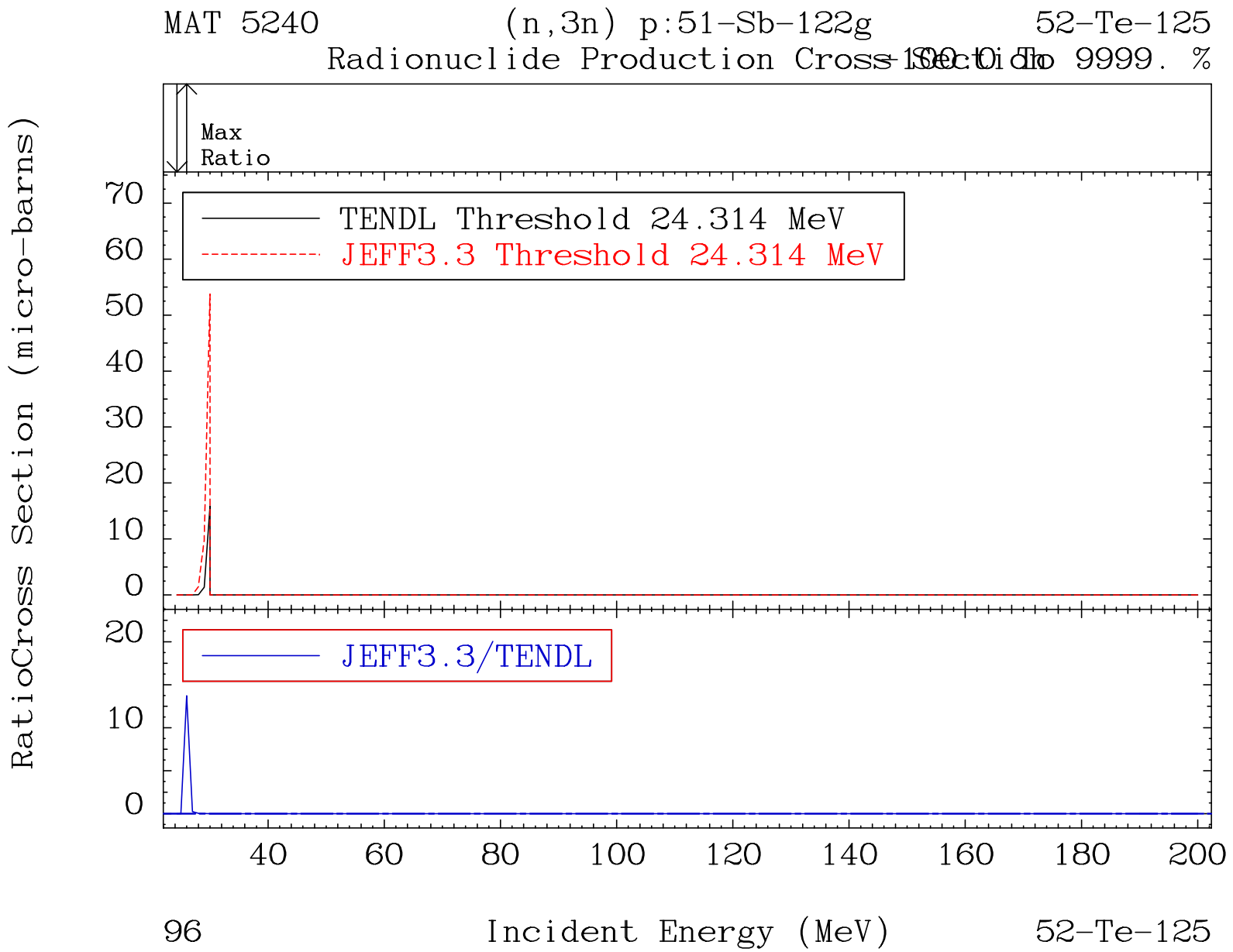

MAT 5240 (n,n') p:51-Sb-124m2 52-Te-125
Radionuclide Production Cross Section To 377.6 %
Min
Ratio
TENDL Threshold 9.5000 MeV
JEFF3.3 Threshold 8.7982 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
91
52-Te-125

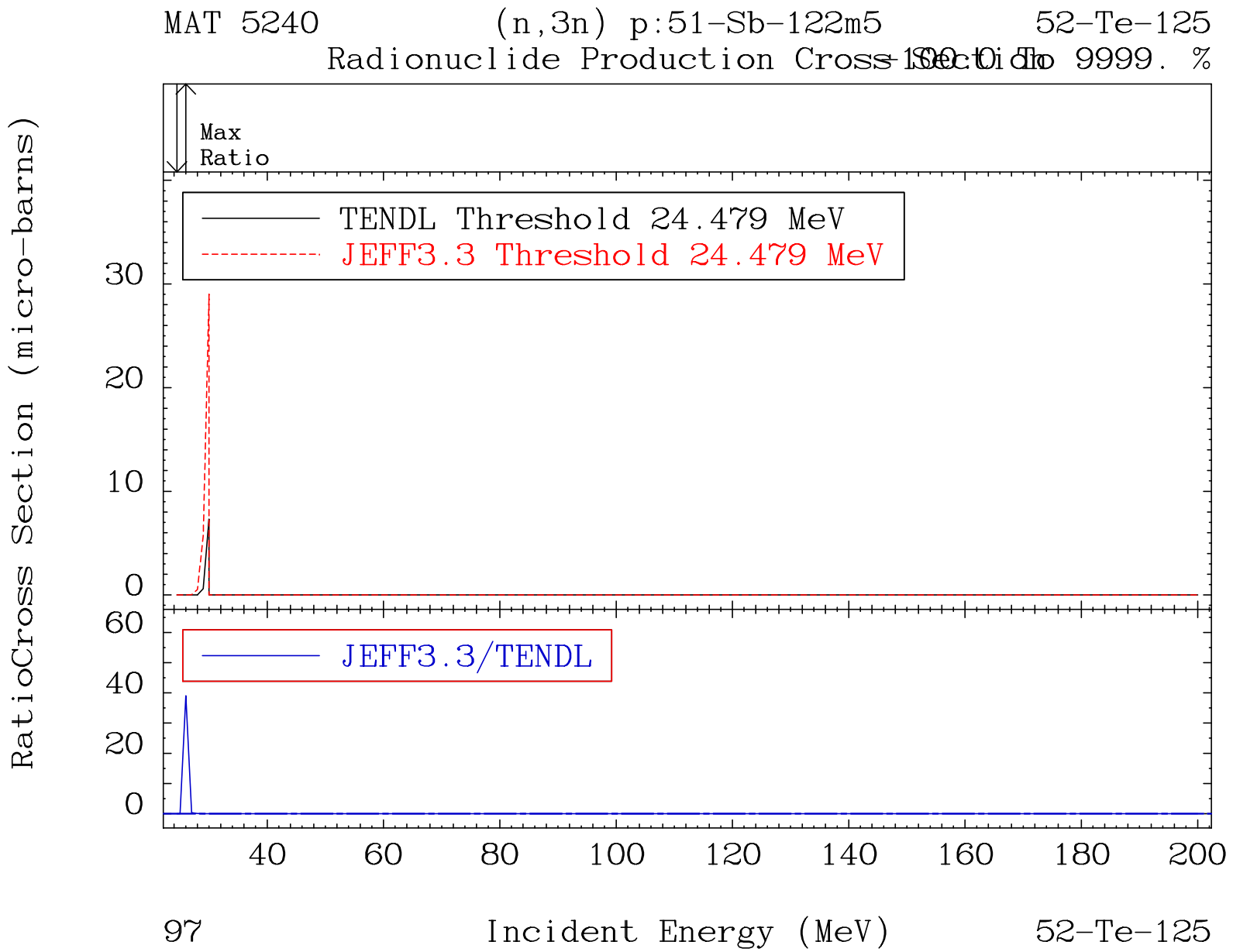

MAT 5240
(n,n') 2α:48-Cd-117g
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 7.5134 MeV
JEFF3.3 Threshold 20.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
1.0
0.8
0.6
0.4
0.2
0.0
1.2
0.6
0.0
8
10^7
2
3
4
5
6
7
8
10^8
2
92
Incident Energy (eV)
52-Te-125

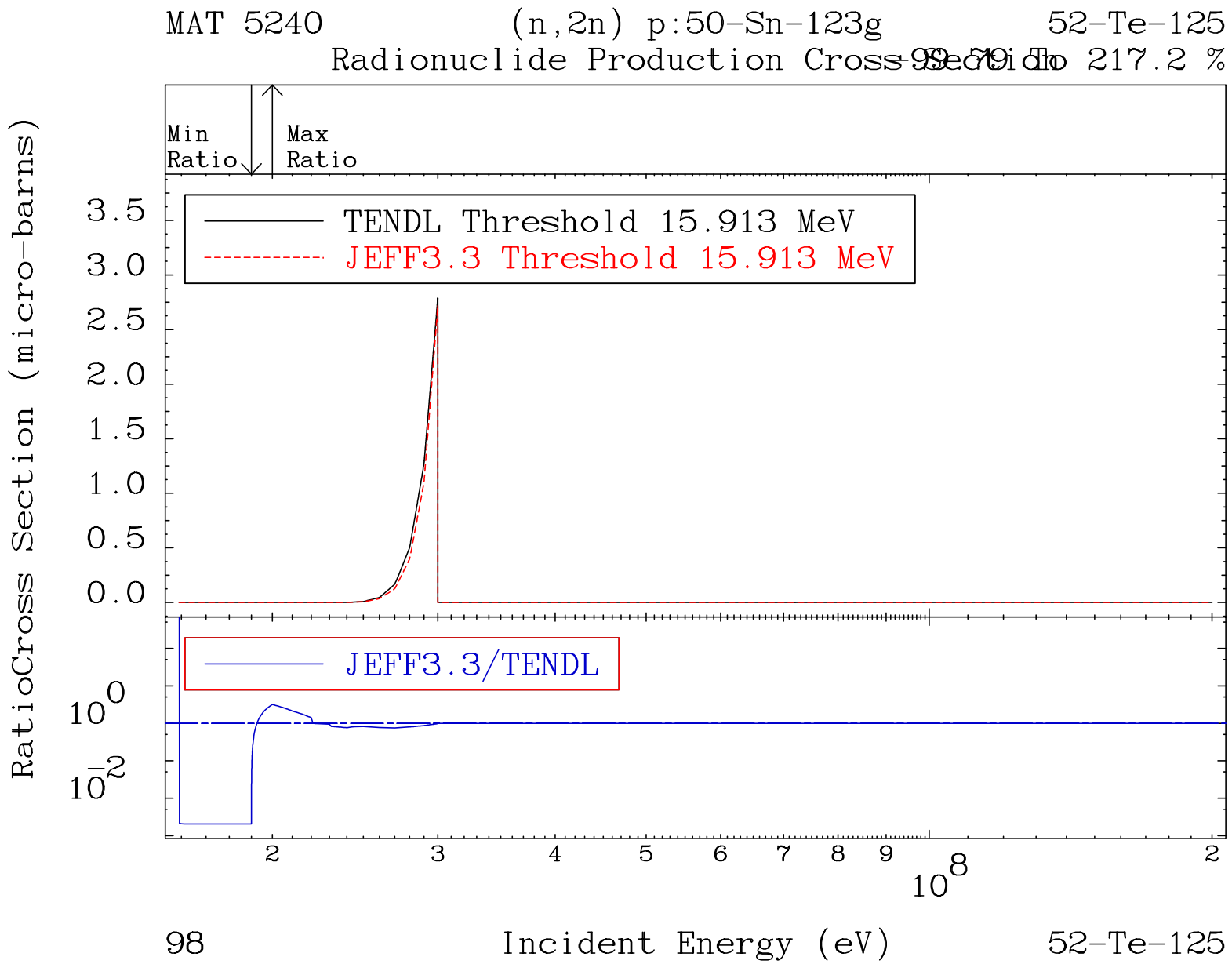

MAT 5240
(n,n') 2α:48-Cd-117m2
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 7.6509 MeV
JEFF3.3 Threshold 20.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
Incident Energy (eV)
93
52-Te-125

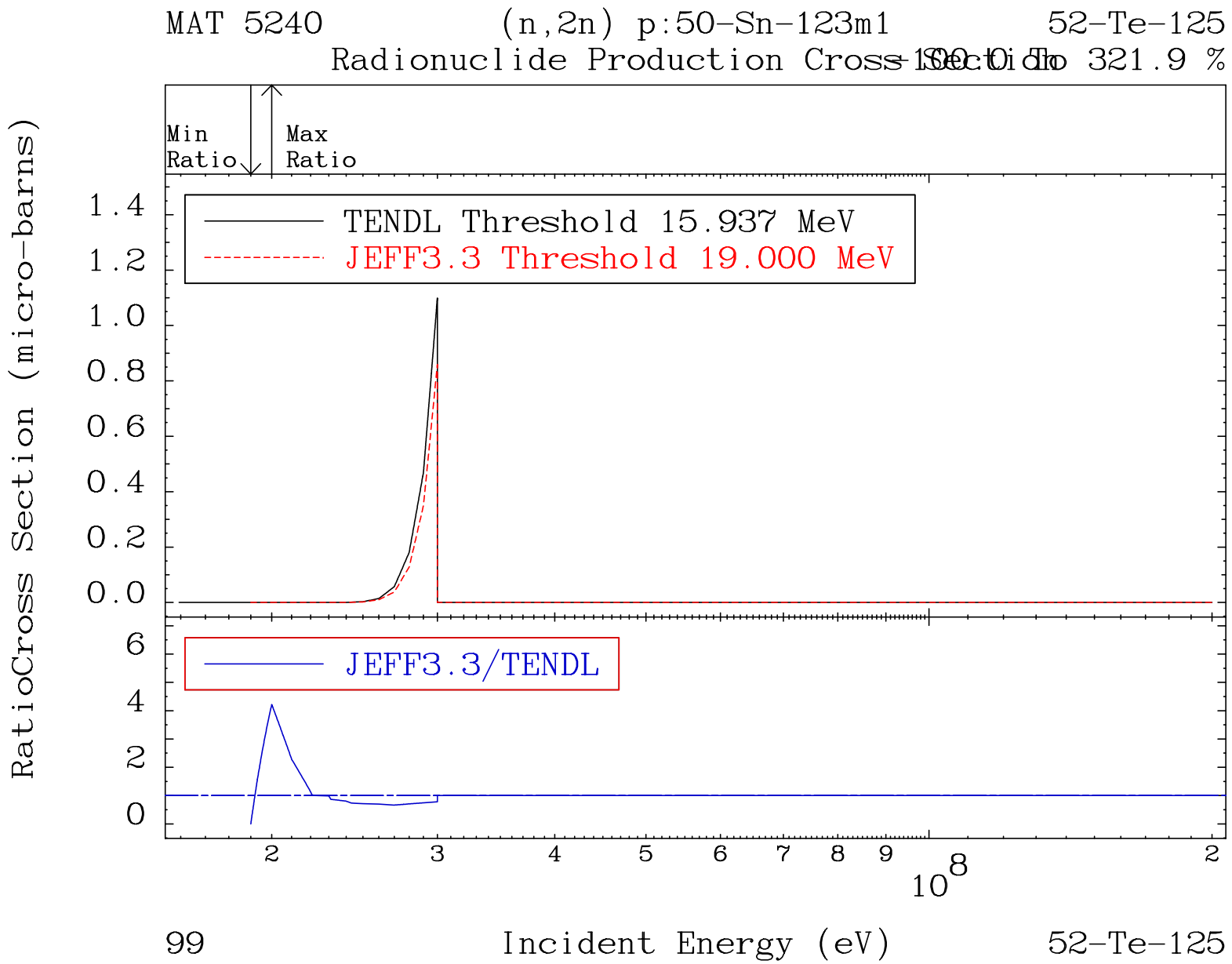

MAT 5240
(n,n') t:51-Sb-122g
52-Te-125
Radionuclide Production Cross Section To 682.1 %
Max
Ratio
TENDL Threshold 15.764 MeV
JEFF3.3 Threshold 15.765 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
94
52-Te-125

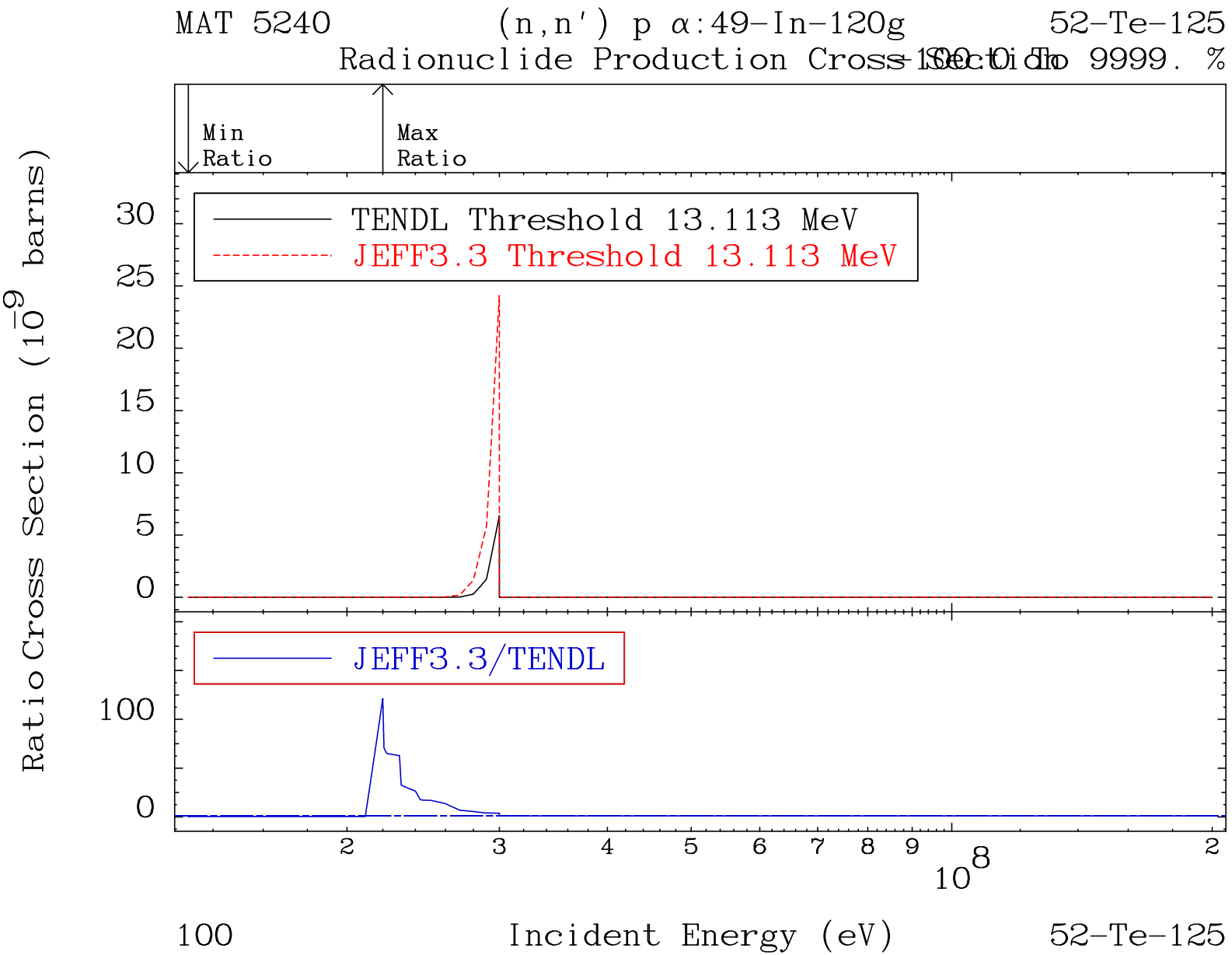

MAT 5240 (n,n') t:51-Sb-122m5 52-Te-125
Radionuclide Production Cross Section To 1704. %
Max
Ratio
TENDL Threshold 15.929 MeV
JEFF3.3 Threshold 15.930 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
20
10
0
2
3
4
5
6
7
8
9
10^8
2
95
Incident Energy (eV)
52-Te-125

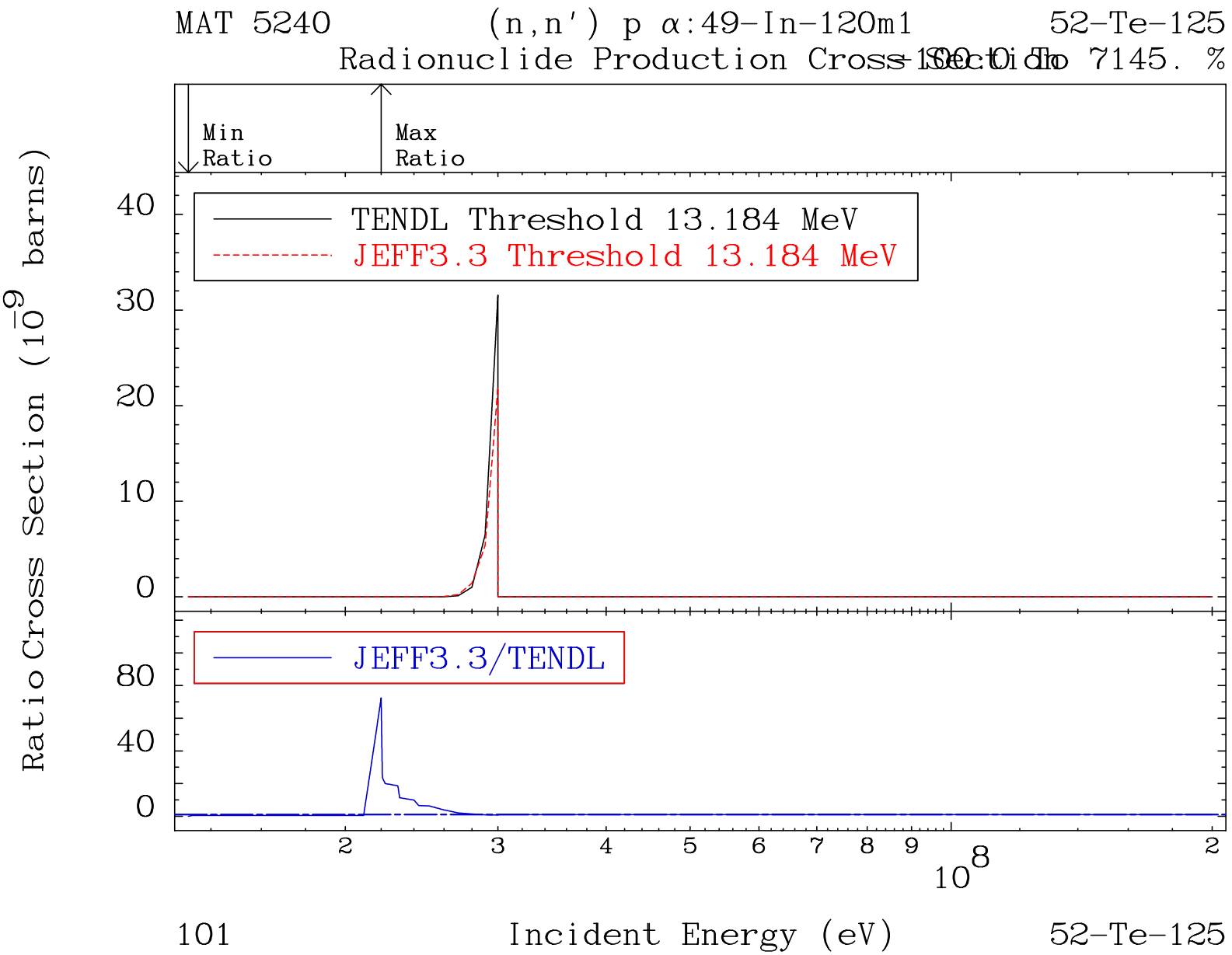

MAT 5240
(n,3n) p:51-Sb-122g
52-Te-125
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 24.314 MeV
JEFF3.3 Threshold 24.314 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
70
60
50
40
30
20
10
0
20
10
0
40
60
80
100
120
140
160
180
200
96
Incident Energy (MeV)
52-Te-125

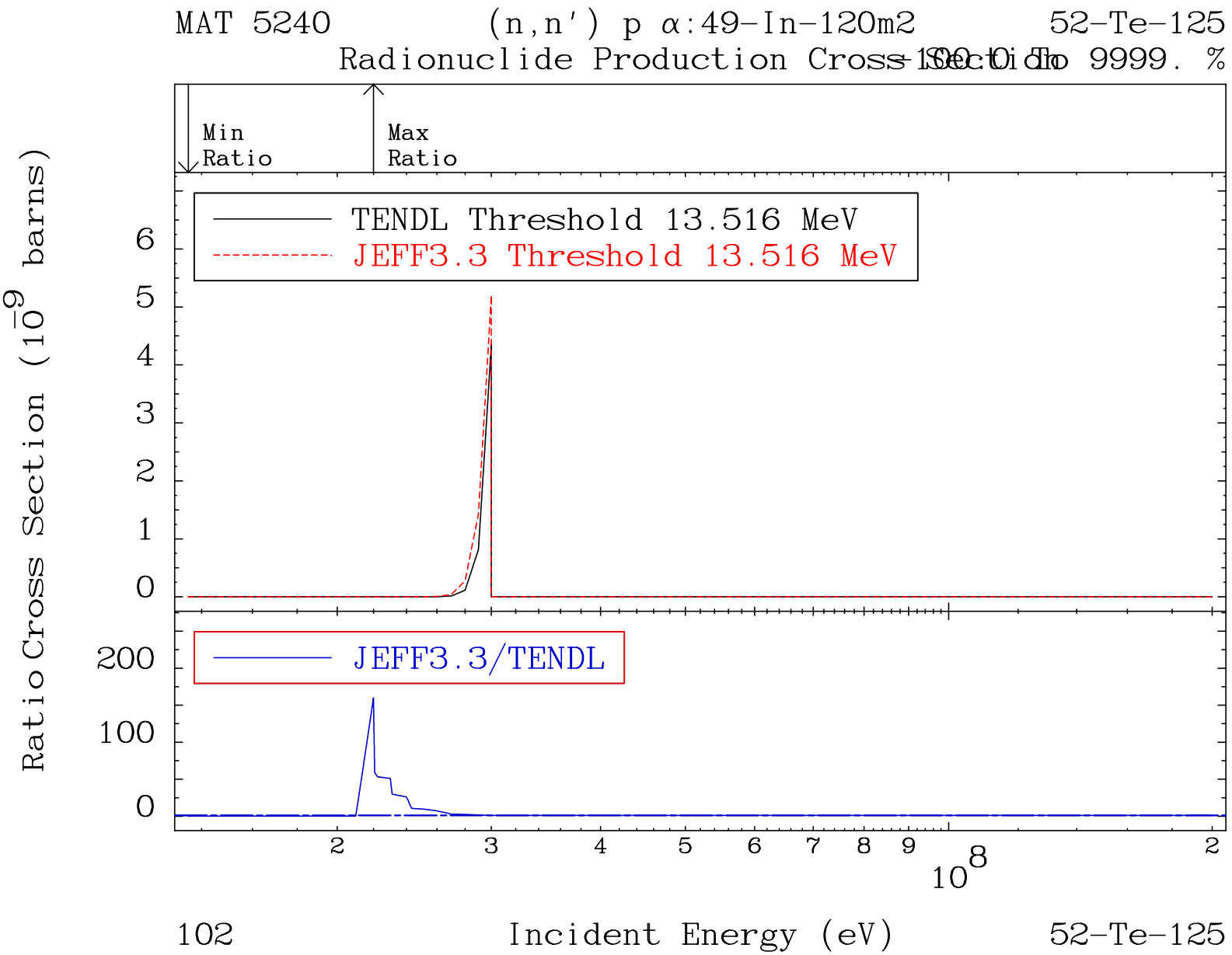

MAT 5240
(n,3n) p:51-Sb-122m5
52-Te-125
Radionuclide Production Cross Section To 9999. %
Max
Ratio
TENDL Threshold 24.479 MeV
JEFF3.3 Threshold 24.479 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (MeV)
97
52-Te-125
0
10
20
30
40
60
80
100
120
140
160
180
200

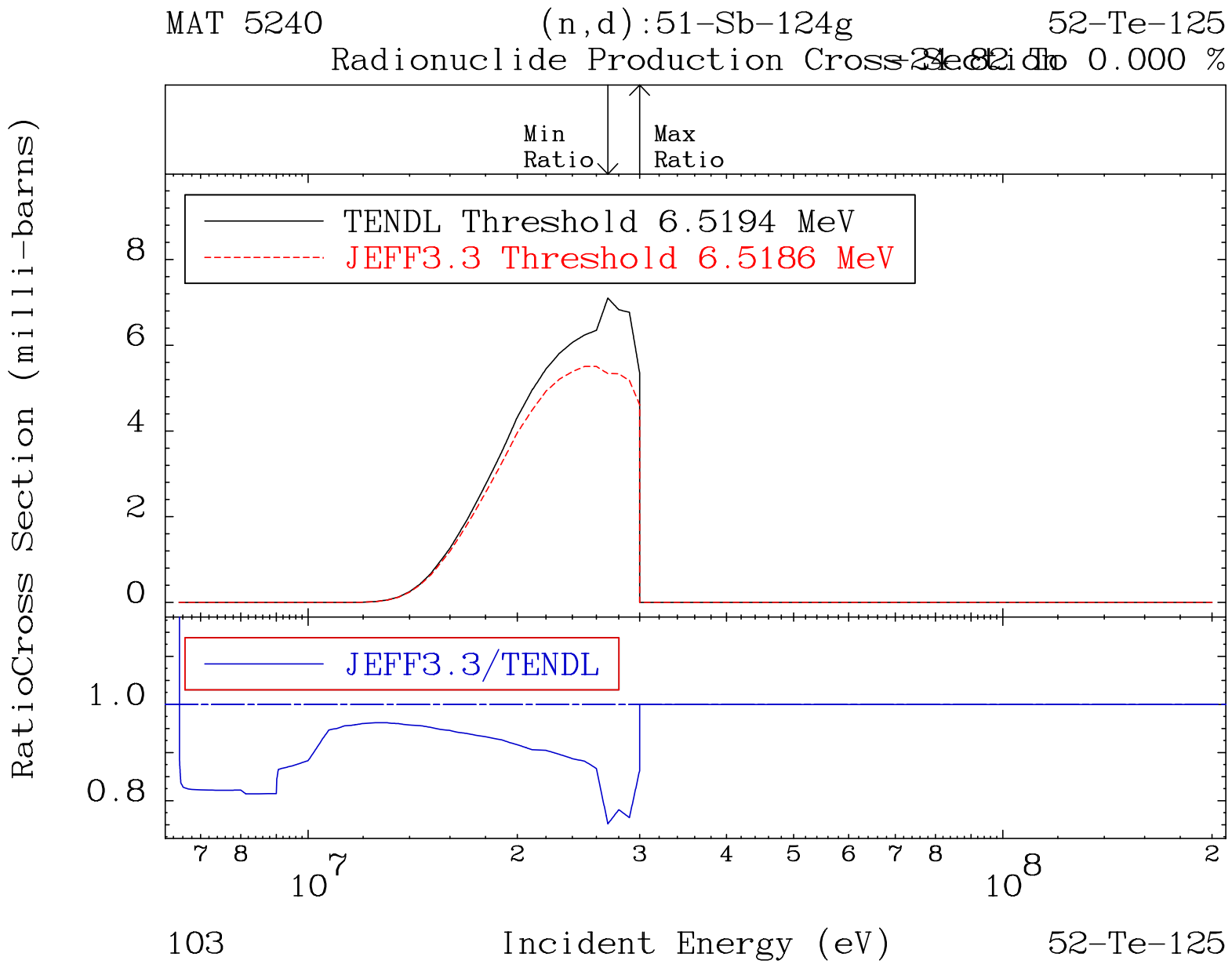

MAT 5240
(n,2n) p:50-Sn-123g
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 15.913 MeV
JEFF3.3 Threshold 15.913 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
98
52-Te-125

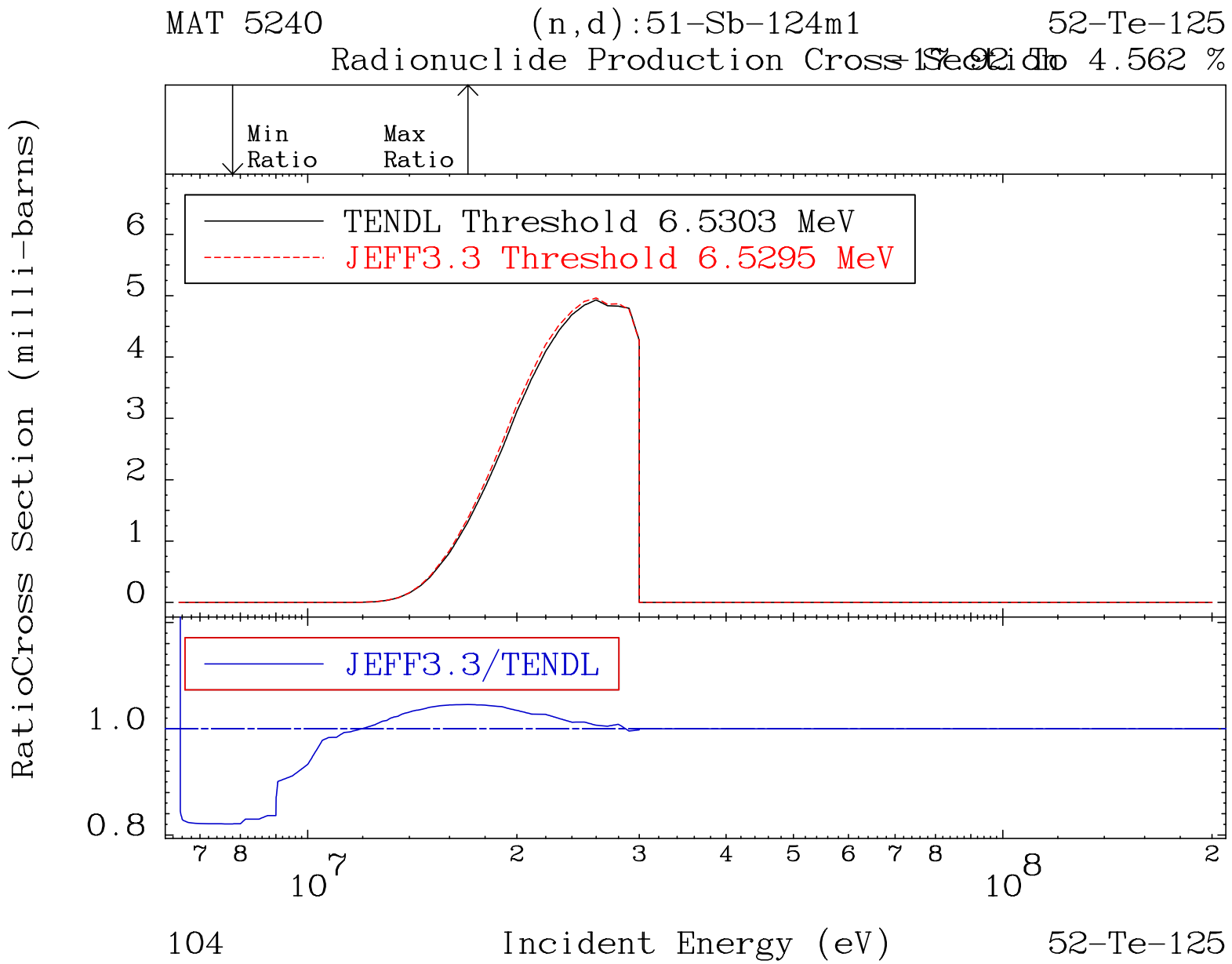

MAT 5240
(n,2n) p:50-Sn-123m1
52-Te-125
Radionuclide Production Cross Section To 321.9 %
Min Ratio
Max Ratio
TENDL Threshold 15.937 MeV
JEFF3.3 Threshold 19.000 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
6
4
2
0
2
3
4
5
6
7
8
9
2
10^8
99
Incident Energy (eV)
52-Te-125

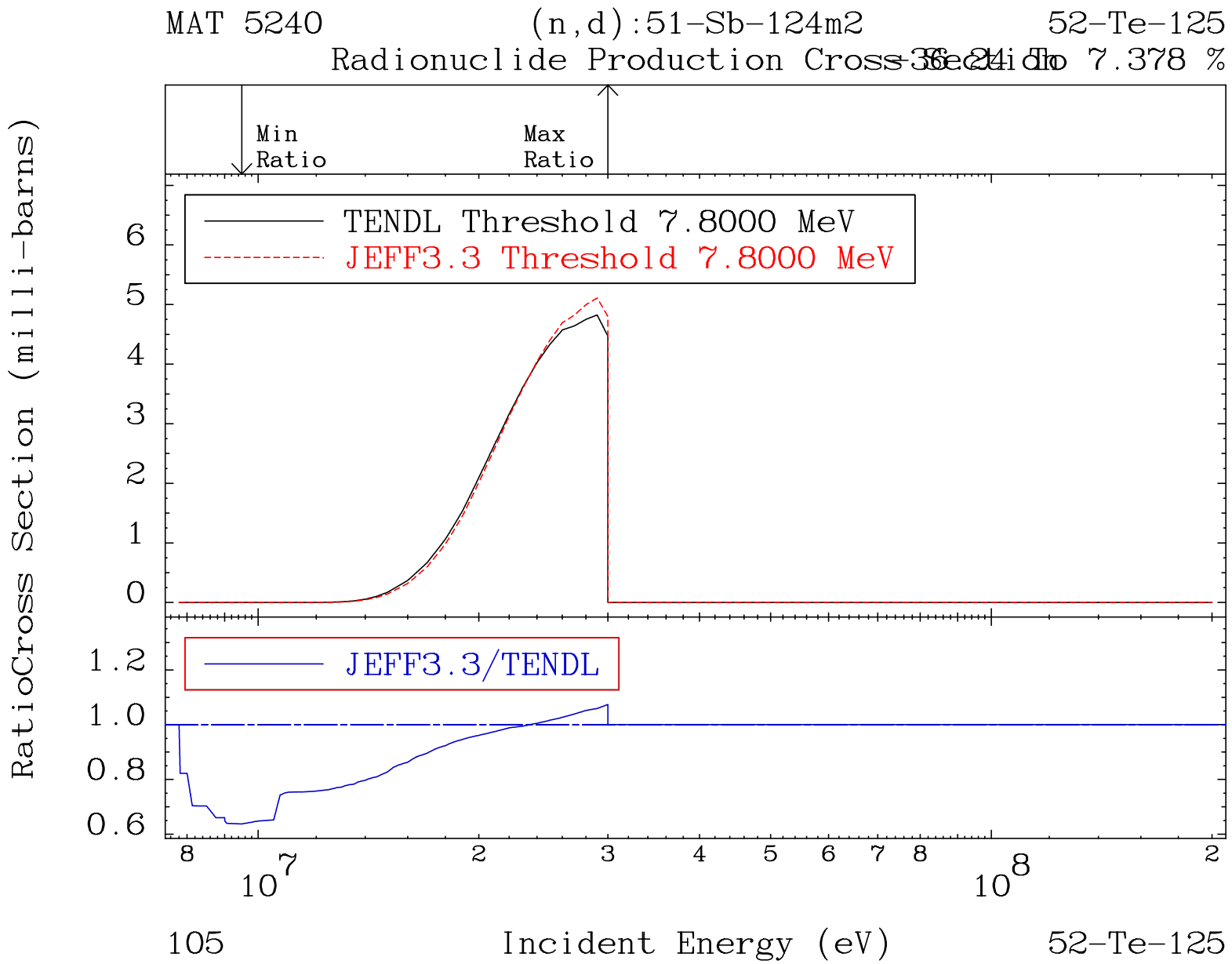

MAT 5240
(n,n') p α:49-In-120g
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 13.113 MeV
JEFF3.3 Threshold 13.113 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
Incident Energy (eV)
100
10^8

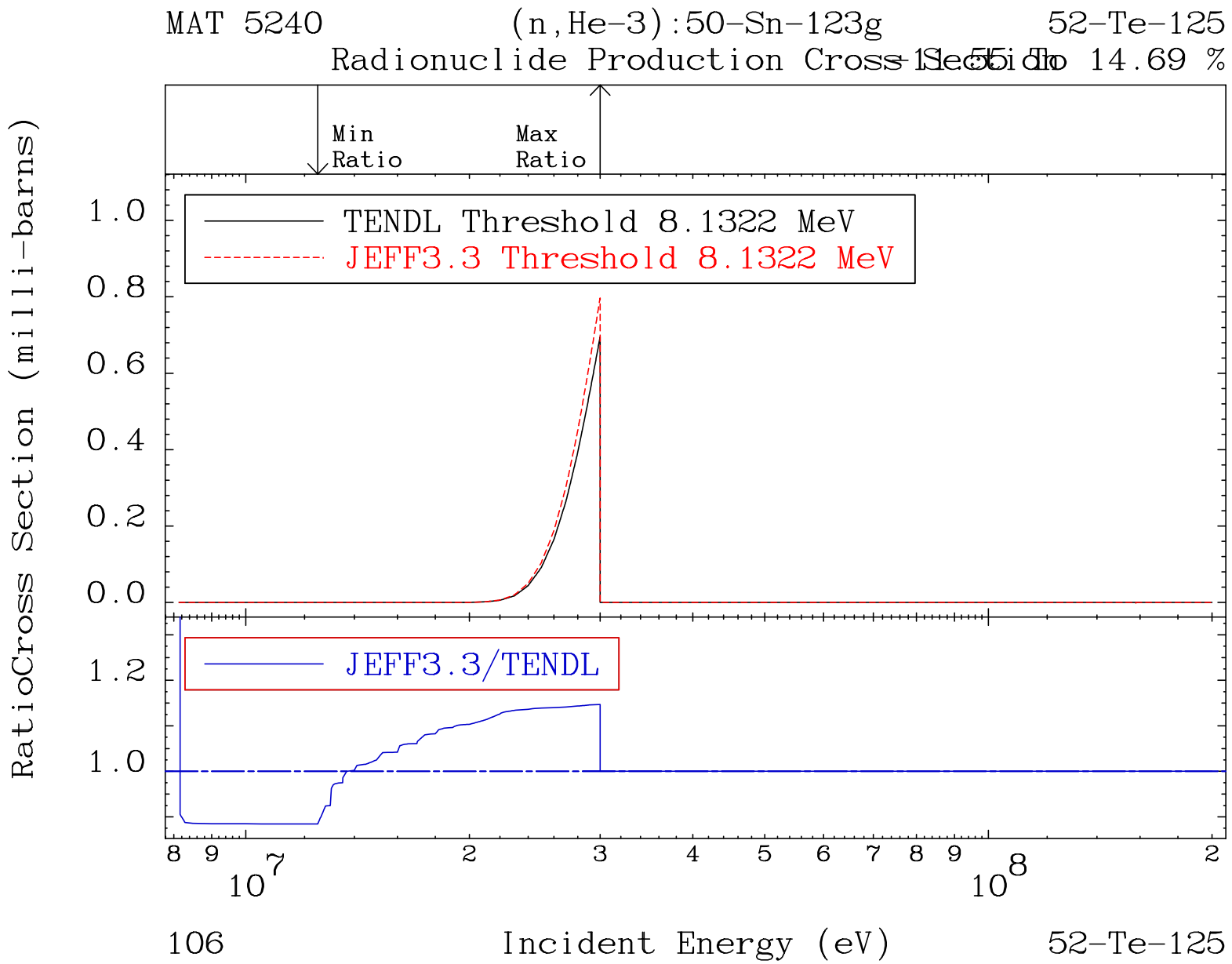

MAT 5240
(n,n') p α:49-In-120m1
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 13.184 MeV
JEFF3.3 Threshold 13.184 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
Incident Energy (eV)
101
52-Te-125

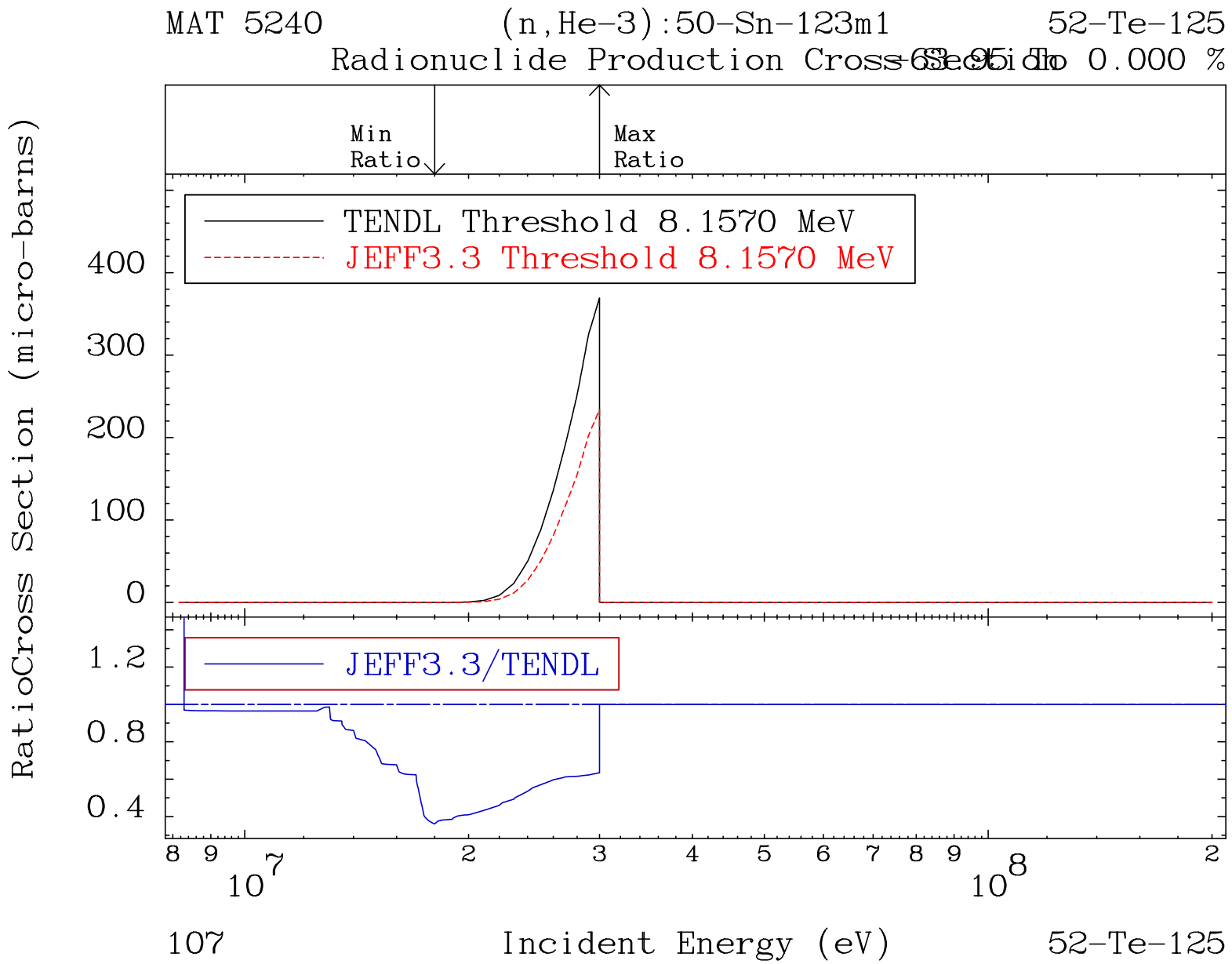

MAT 5240 (n,n') p α:49-In-120m2 52-Te-125
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 13.516 MeV
JEFF3.3 Threshold 13.516 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
Incident Energy (eV)
10^8
102
52-Te-125

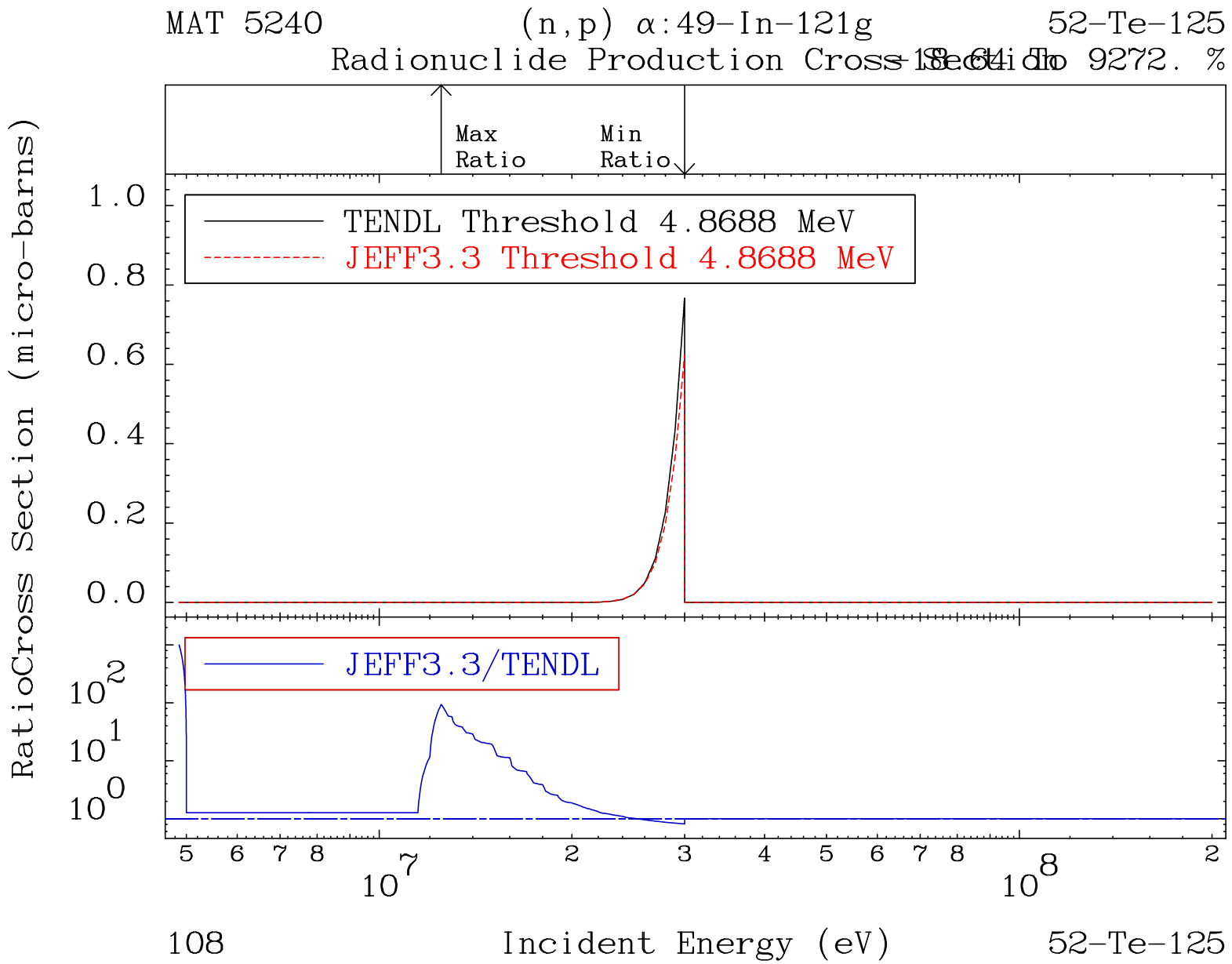

MAT 5240
(n,d):51-Sb-124g
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 6.5194 MeV
JEFF3.3 Threshold 6.5186 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
103
52-Te-125

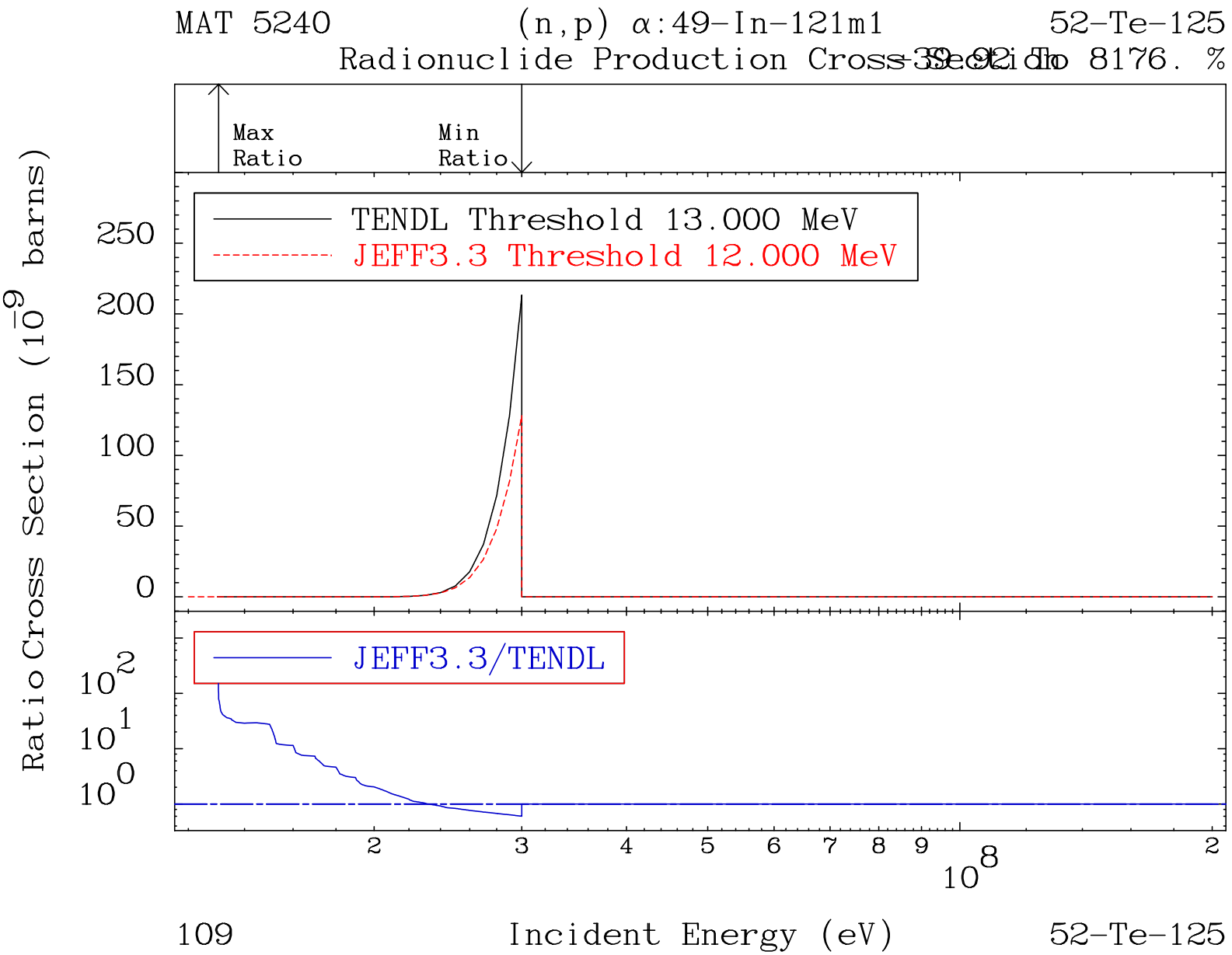

MAT 5240
(n,d):51-Sb-124m1
52-Te-125
Radionuclide Production Cross Section To 4.562 %
Min Ratio
Max Ratio
TENDL Threshold 6.5303 MeV
JEFF3.3 Threshold 6.5295 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
104
52-Te-125

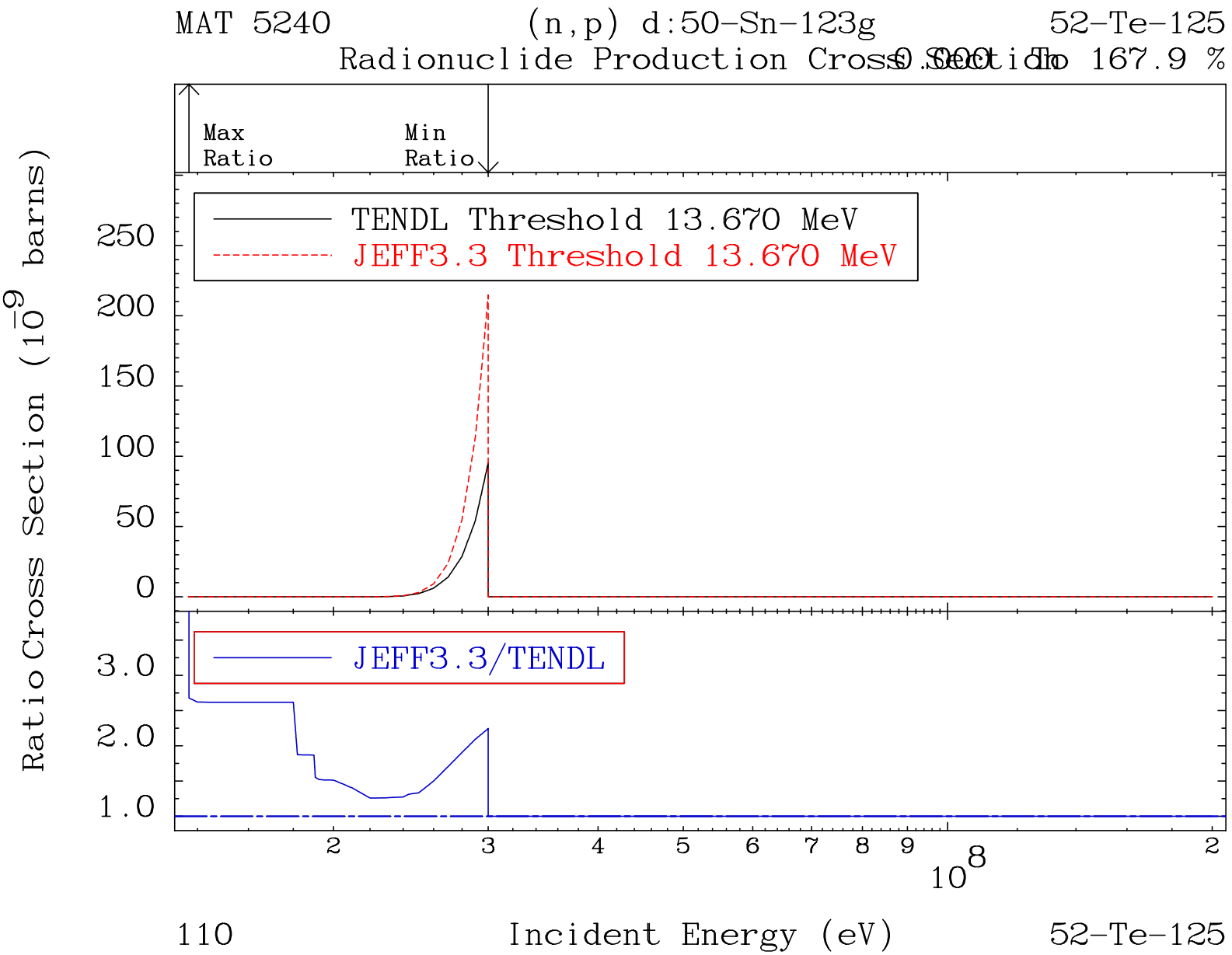

MAT 5240
(n,d):51-Sb-124m2
52-Te-125
Radionuclide Production Cross-Section To 7.378 %
Min Ratio
Max Ratio
TENDL Threshold 7.8000 MeV
JEFF3.3 Threshold 7.8000 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
Incident Energy (eV)
105
52-Te-125

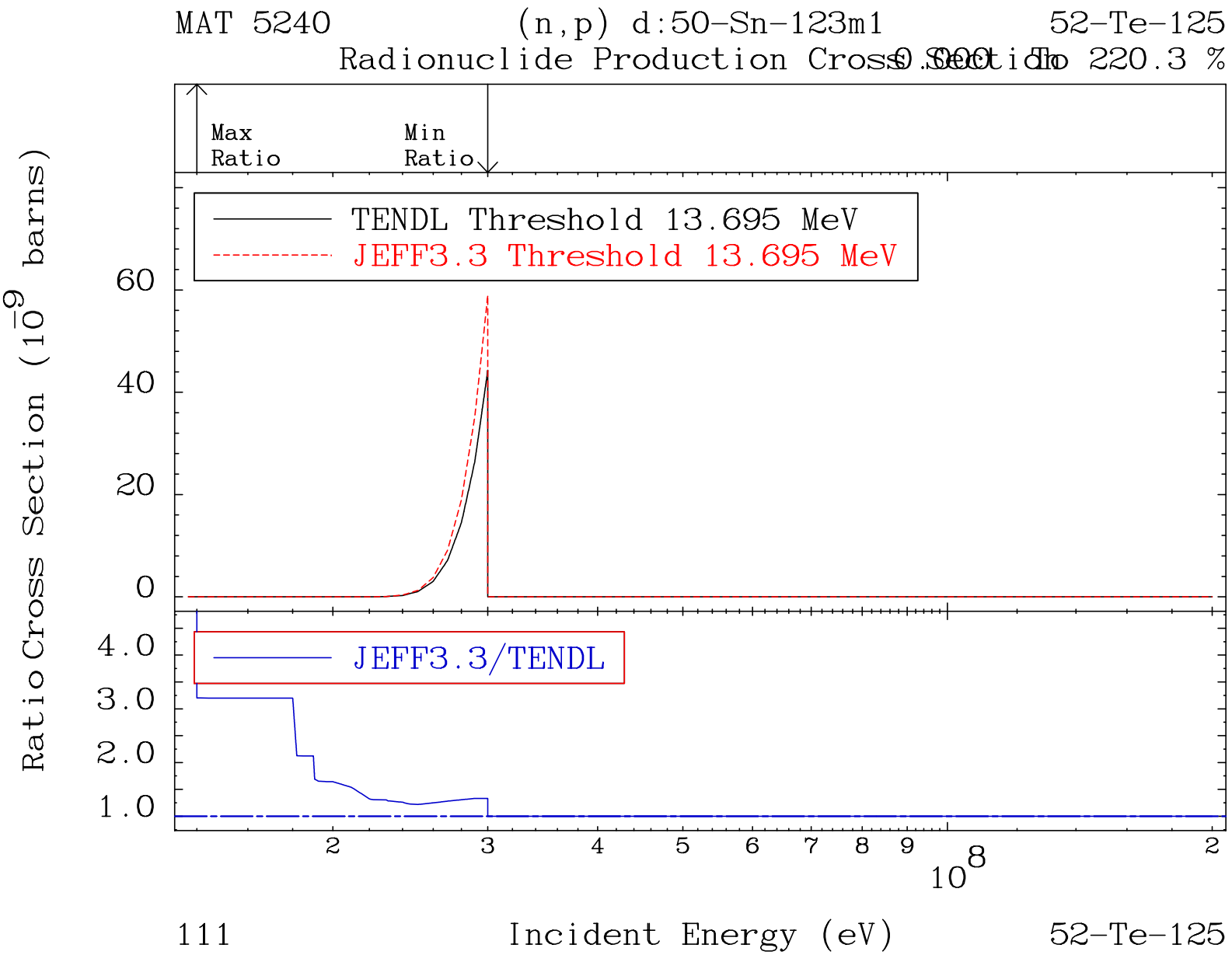

MAT 5240
(n,He-3):50-Sn-123g
52-Te-125
Radionuclide Production Cross Section To 14.69 %
Min Ratio
Max Ratio
TENDL Threshold 8.1322 MeV
JEFF3.3 Threshold 8.1322 MeV
JEFF3.3/TENDL
RatioCross Section (milli-barns)
1.0
0.8
0.6
0.4
0.2
0.0
1.2
1.0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
106
Incident Energy (eV)
52-Te-125

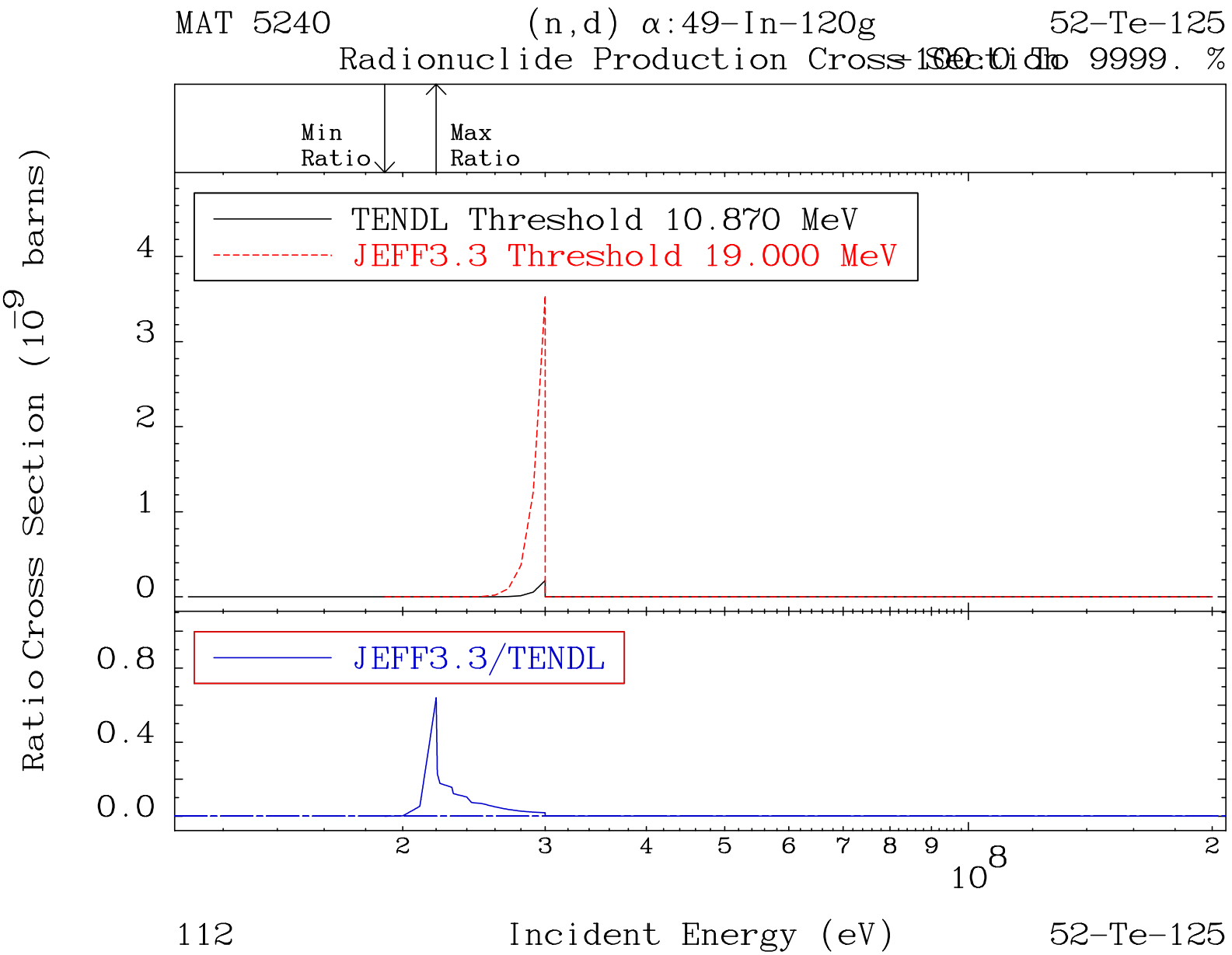

MAT 5240
(n,He-3):50-Sn-123m1
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 8.1570 MeV
JEFF3.3 Threshold 8.1570 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
107
52-Te-125

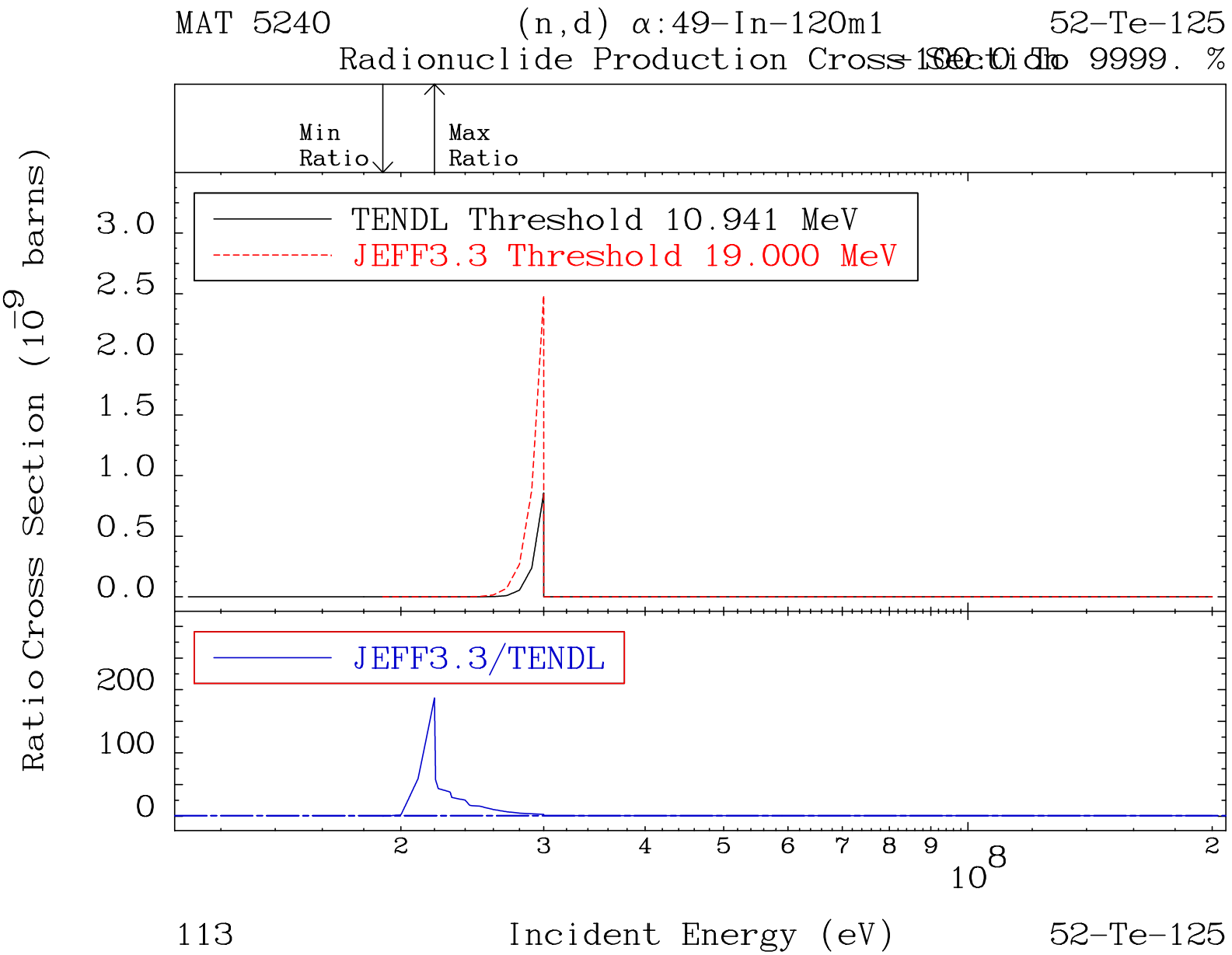

MAT 5240
(n,p) α:49-In-121g
52-Te-125
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 4.8688 MeV
JEFF3.3 Threshold 4.8688 MeV
JEFF3.3/TENDL
RatioCross Section (micro-barns)
Incident Energy (eV)
108
52-Te-125

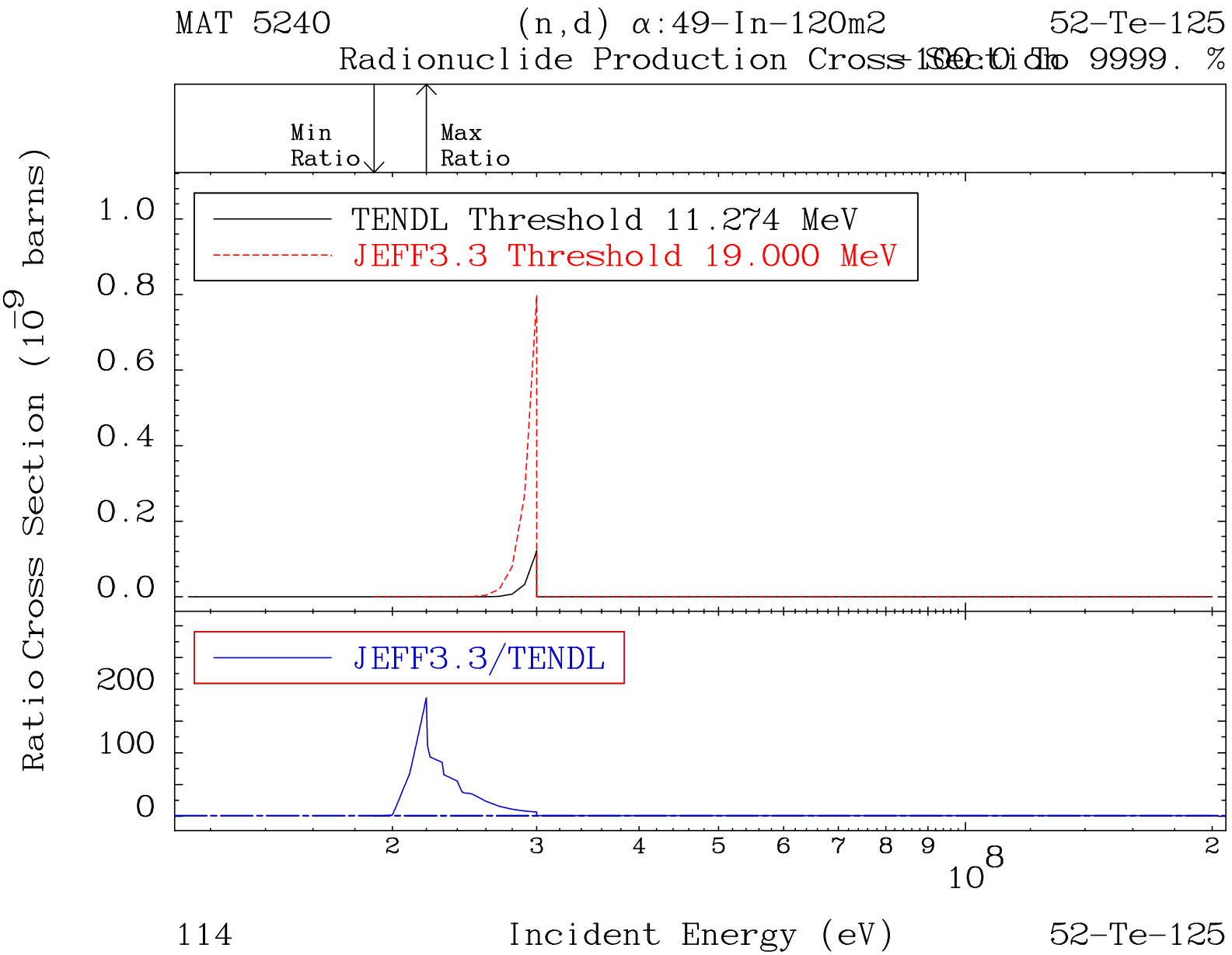

MAT 5240
(n,p) α:49-In-121m1
52-Te-125
Radionuclide Production Cross Section
Max Ratio
Min Ratio
TENDL Threshold 13.000 MeV
JEFF3.3 Threshold 12.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
Incident Energy (eV)
109
52-Te-125


MAT 5240
(n,p) d:50-Sn-123g
52-Te-125
Radionuclide Production Cross Section
0.000 To 167.9 %
Max Ratio
Min Ratio
TENDL Threshold 13.670 MeV
JEFF3.3 Threshold 13.670 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
250
200
150
100
50
0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
110
Incident Energy (eV)
52-Te-125


MAT 5240
(n,p) d:50-Sn-123m1
52-Te-125
Radionuclide Production Cross Section
0.000 To 220.3 %
Max Ratio
Min Ratio
TENDL Threshold 13.695 MeV
JEFF3.3 Threshold 13.695 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
60
40
20
0
4.0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
111
Incident Energy (eV)
52-Te-125


MAT 5240
(n,d) α:49-In-120g
52-Te-125
Radionuclide Production Cross Section To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 10.870 MeV
JEFF3.3 Threshold 19.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^{-9} barns)
4
3
2
1
0
0.8
0.4
0.0
2
3
4
5
6
7
8
9
10^8
2
112
Incident Energy (eV)
52-Te-125


MAT 5240
(n,d) α:49-In-120m1
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 10.941 MeV
JEFF3.3 Threshold 19.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
200
100
0
2
3
4
5
6
7
8
9
10^8
2
113
Incident Energy (eV)
52-Te-125


MAT 5240
(n,d) α:49-In-120m2
52-Te-125
Radionuclide Production Cross Section
Min Ratio
Max Ratio
TENDL Threshold 11.274 MeV
JEFF3.3 Threshold 19.000 MeV
JEFF3.3/TENDL
Ratio Cross Section (10^-9 barns)
1.0
0.8
0.6
0.4
0.2
0.0
200
100
0
2
3
4
5
6
7
8
9
10^8
2
114
Incident Energy (eV)
52-Te-125