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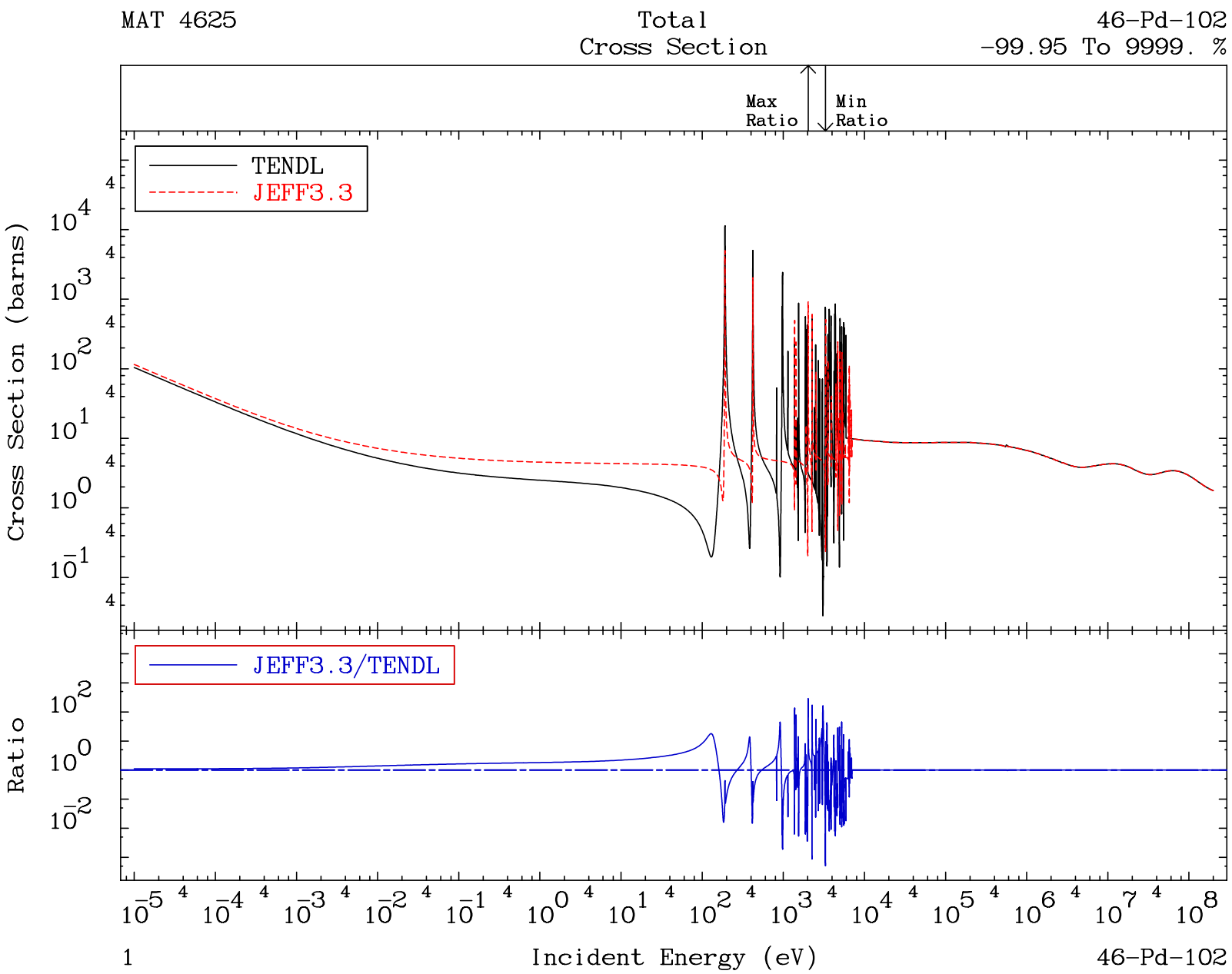
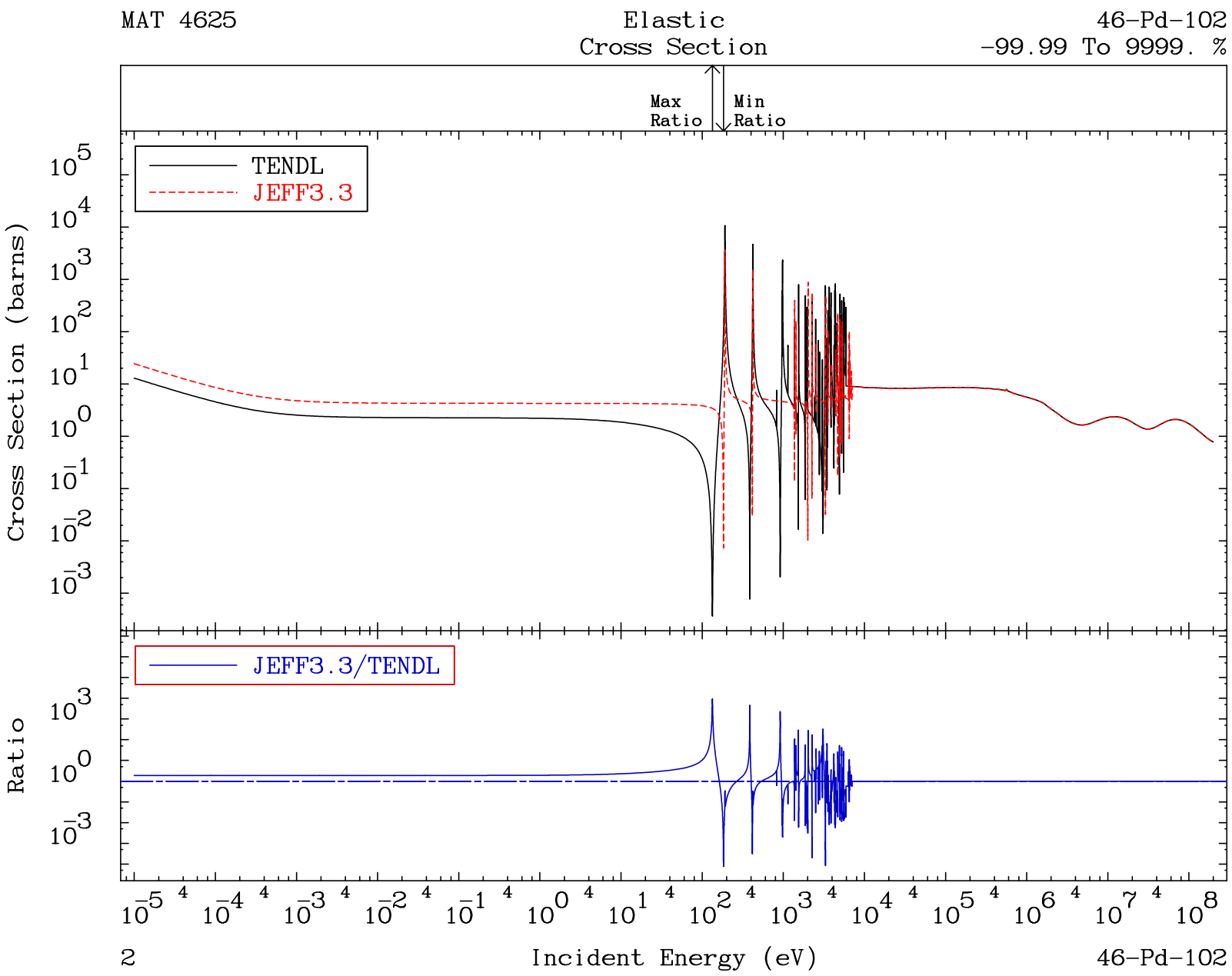
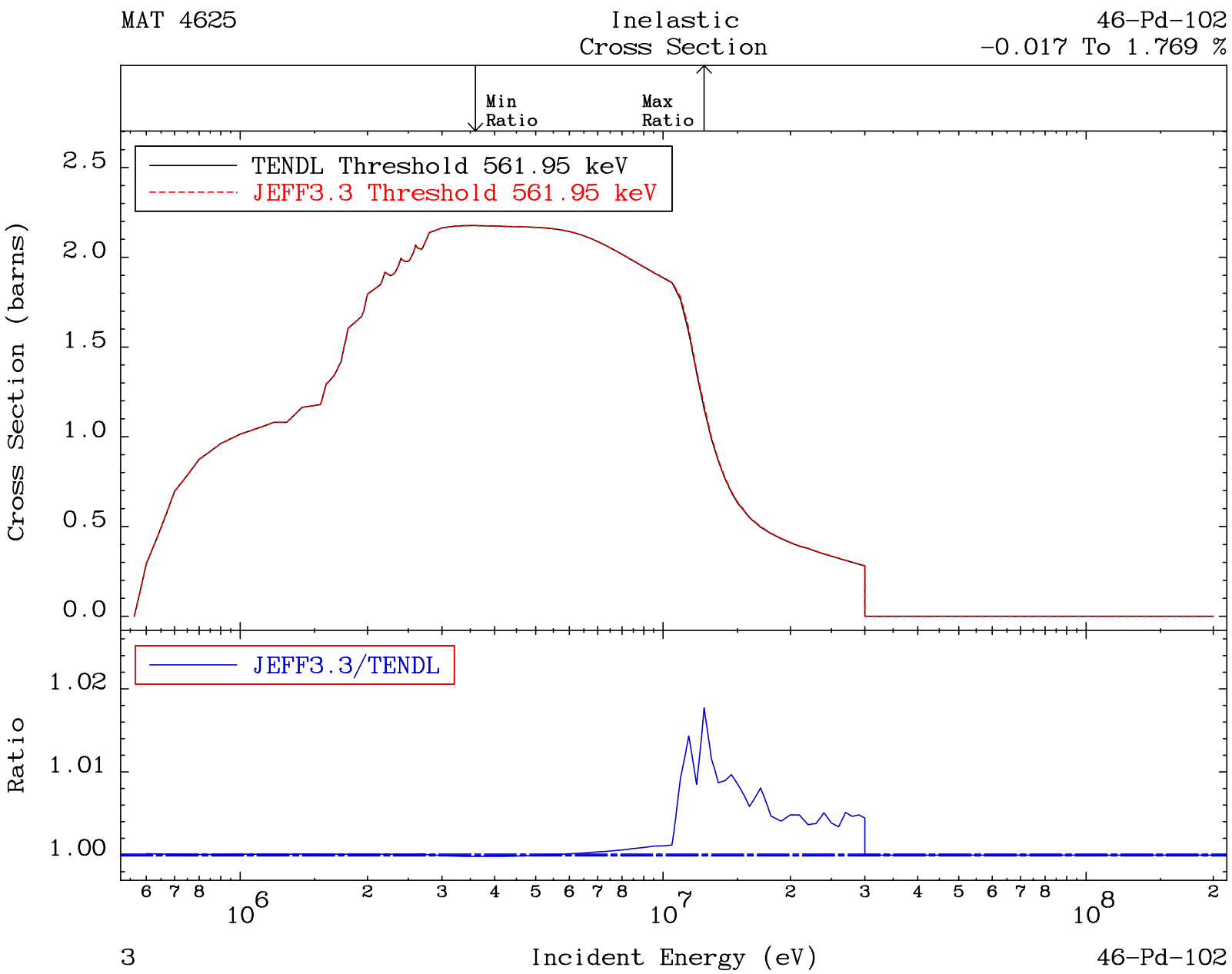
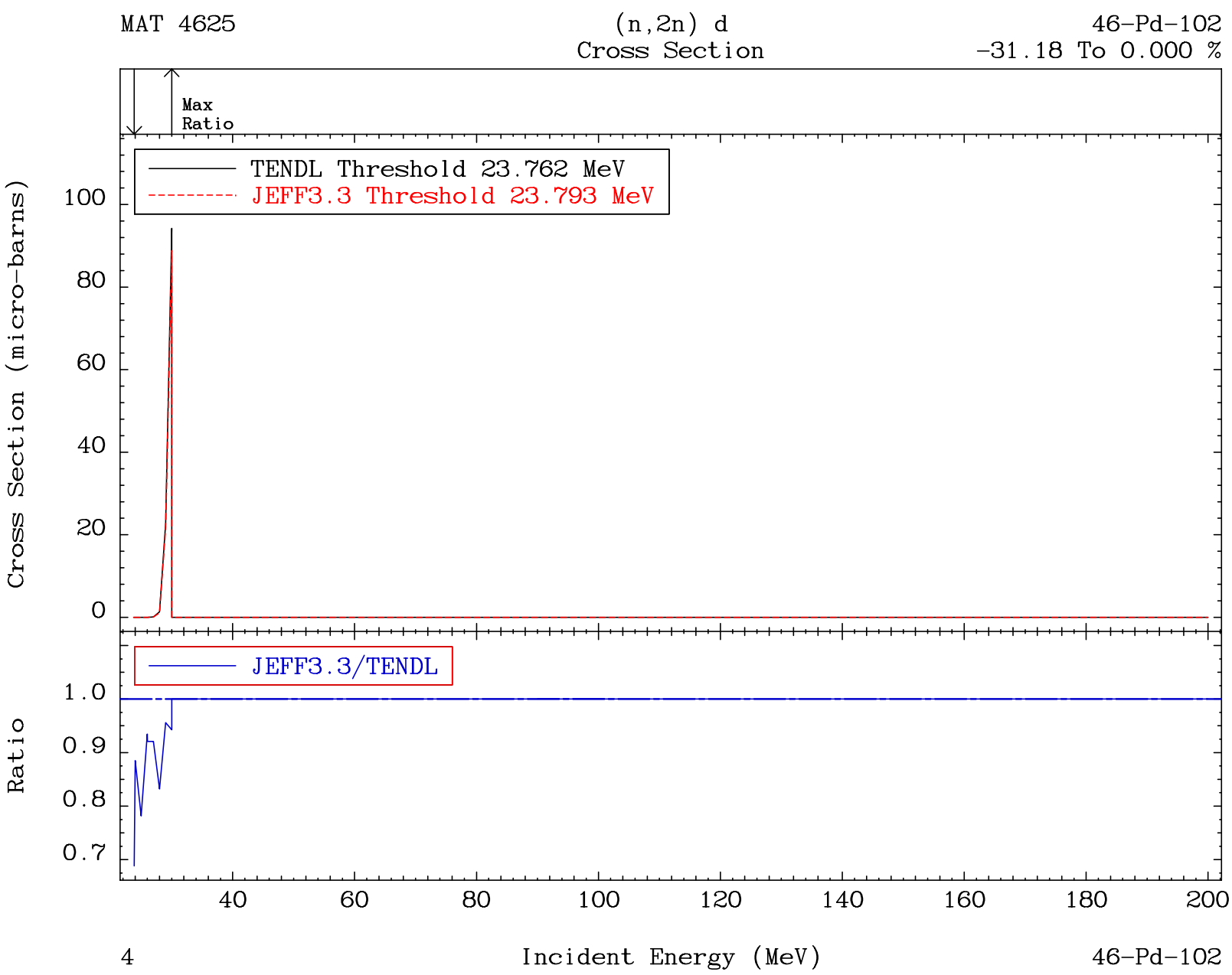
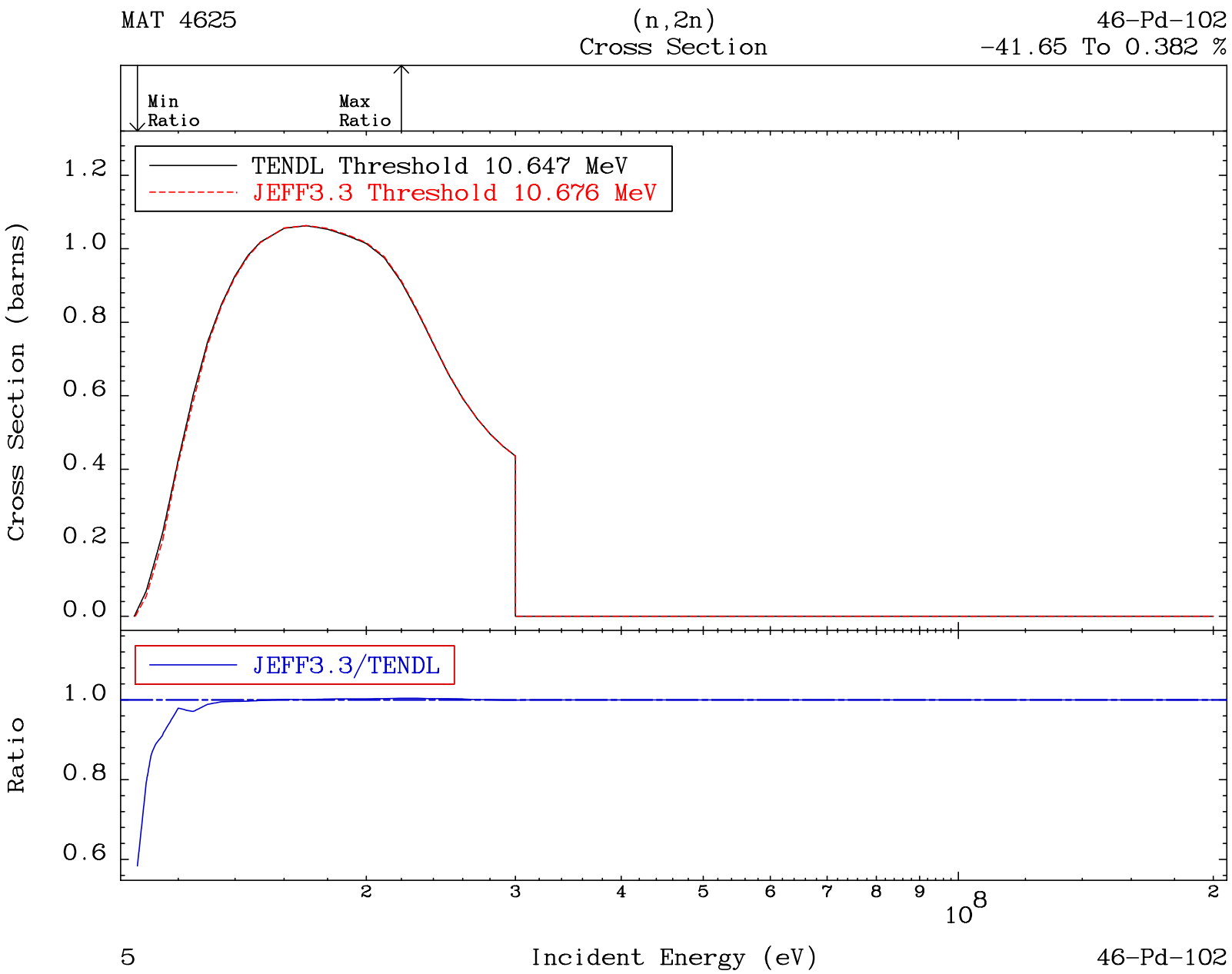
Press Mouse Button to Start

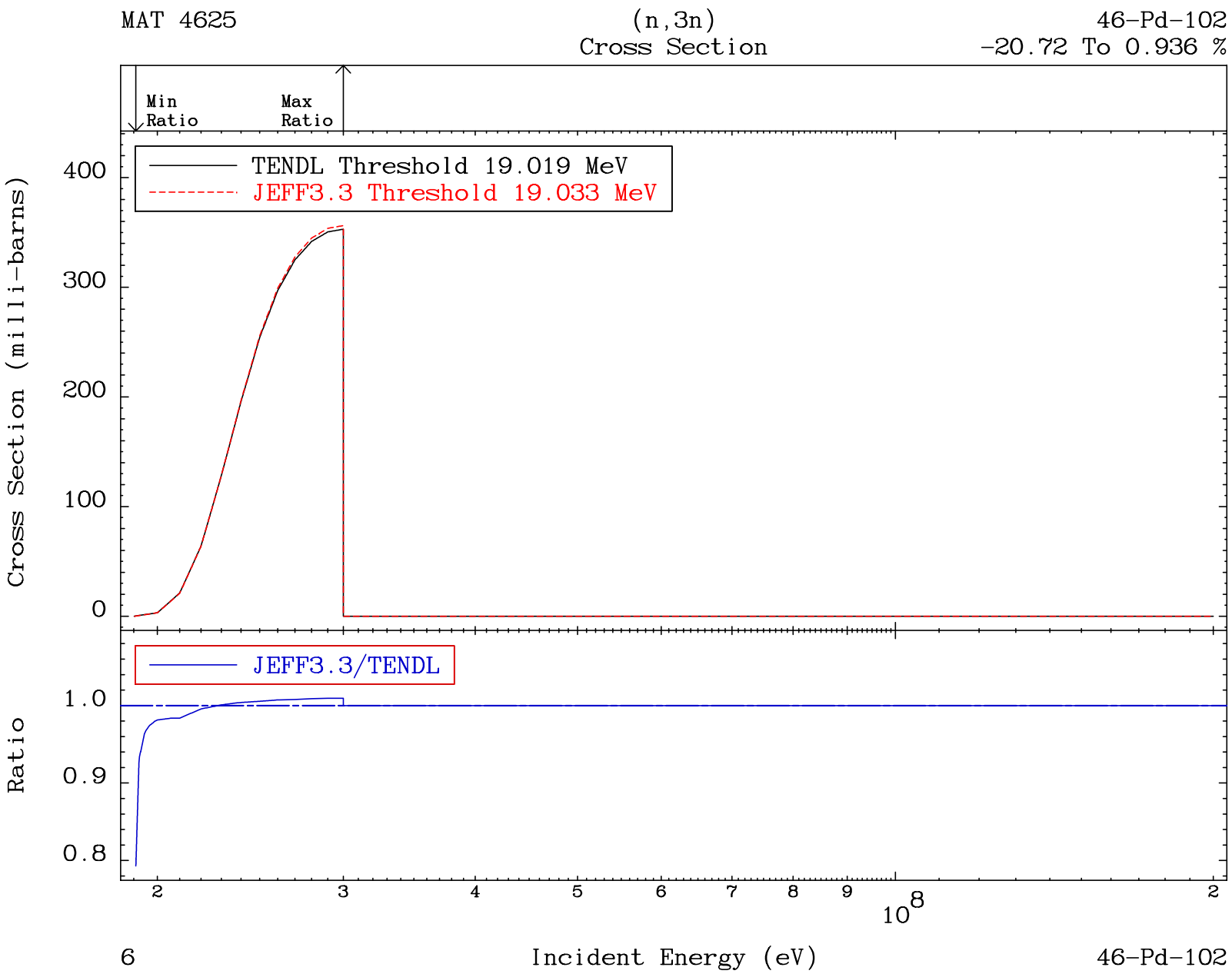

MAT 4625
Total
Cross Section
46-Pd-102
-99.95 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
1
46-Pd-102

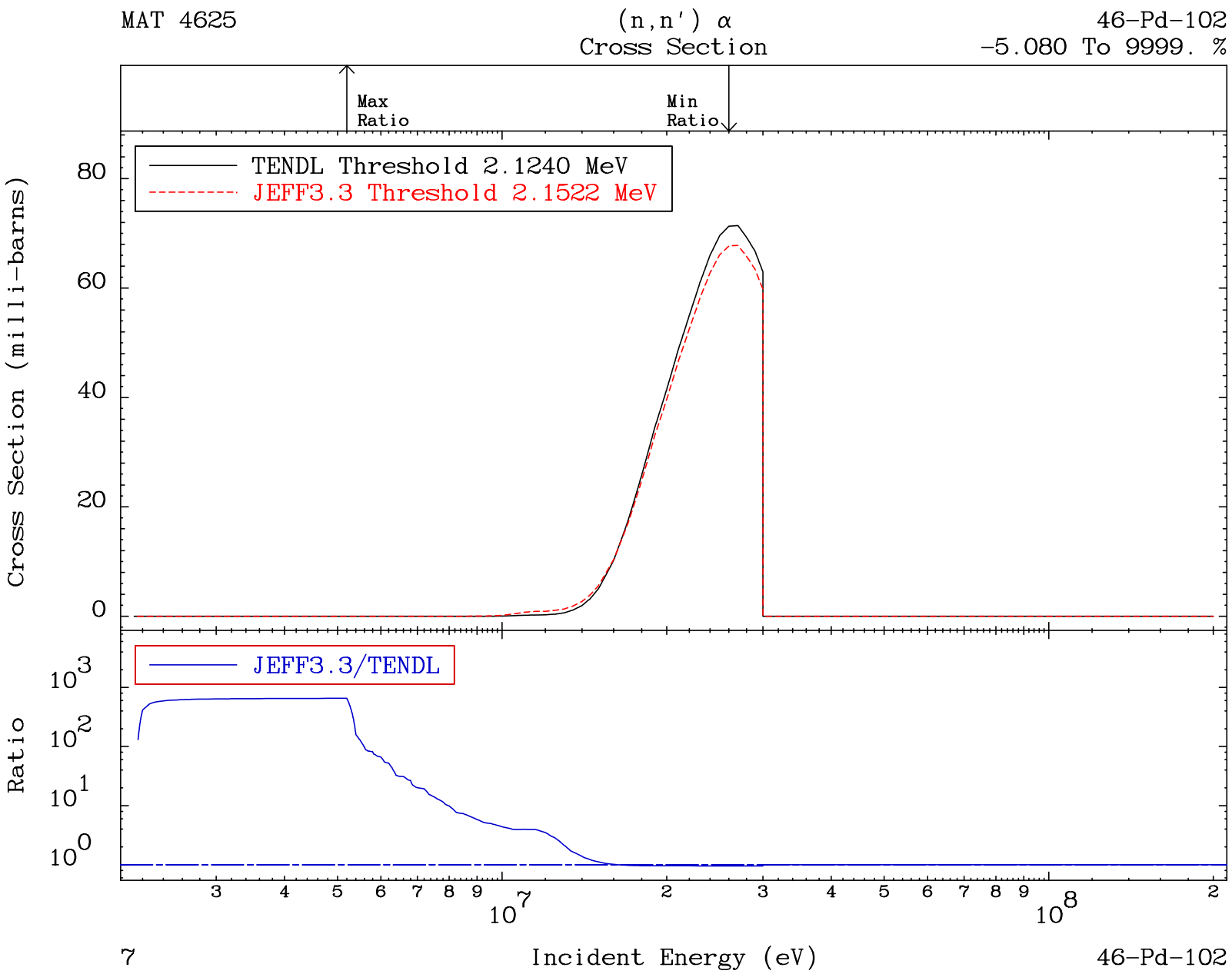

MAT 4625
Elastic
Cross Section
46-Pd-102
-99.99 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
2
46-Pd-102

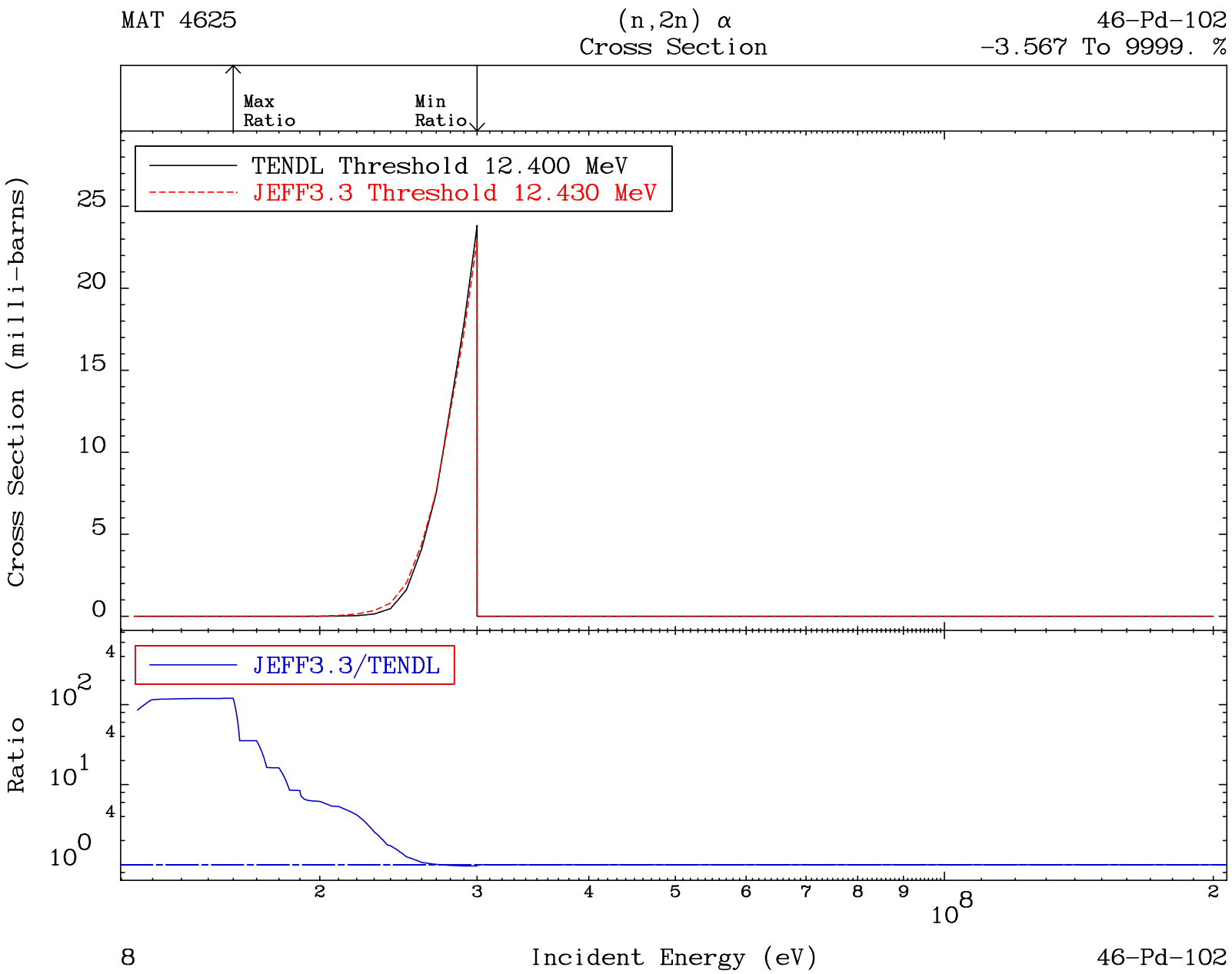

MAT 4625
Inelastic
Cross Section
46-Pd-102
-0.017 To 1.769 %
Min
Ratio
Max
Ratio
TENDL Threshold 561.95 keV
JEFF3.3 Threshold 561.95 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
3
Incident Energy (eV)
46-Pd-102

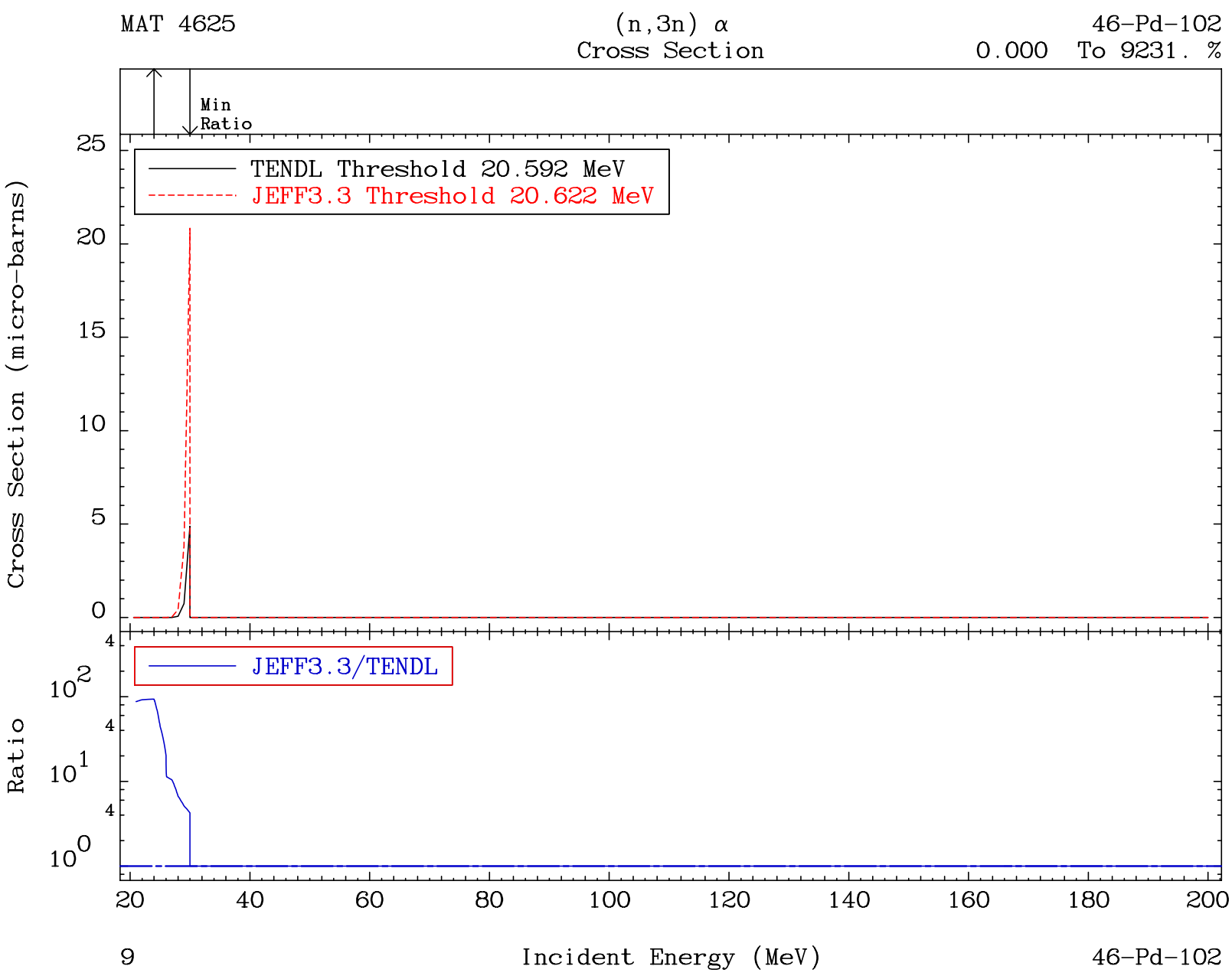

MAT 4625
(n,2n) d
Cross Section
46-Pd-102
-31.18 To 0.000 %
Max
Ratio
TENDL Threshold 23.762 MeV
JEFF3.3 Threshold 23.793 MeV
Cross Section (micro-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
0.7
40
60
80
100
120
140
160
180
200
4
Incident Energy (MeV)
46-Pd-102

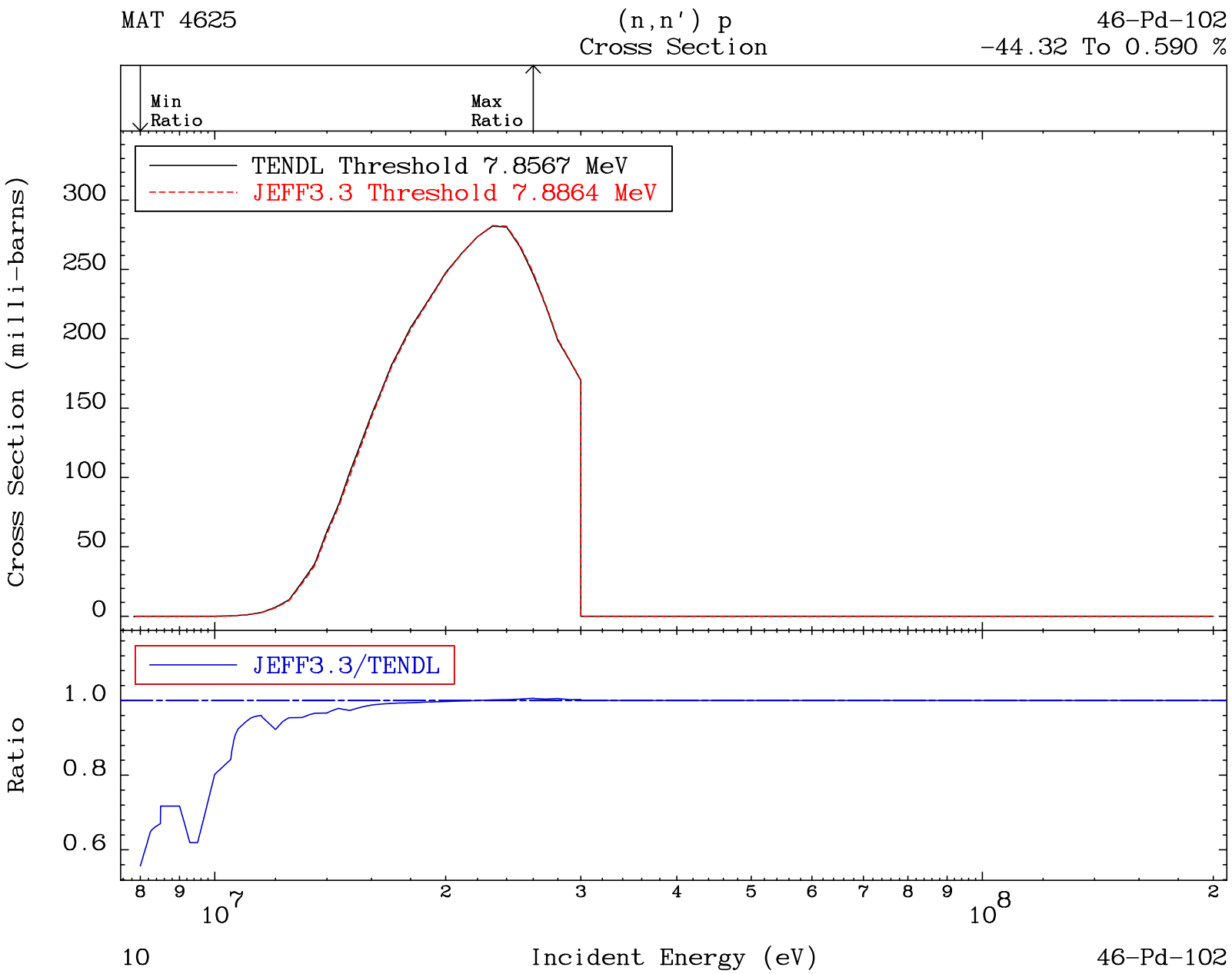

MAT 4625
(n,2n)
Cross Section
46-Pd-102
-41.65 To 0.382 %
Min Ratio
Max Ratio
TENDL Threshold 10.647 MeV
JEFF3.3 Threshold 10.676 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
46-Pd-102

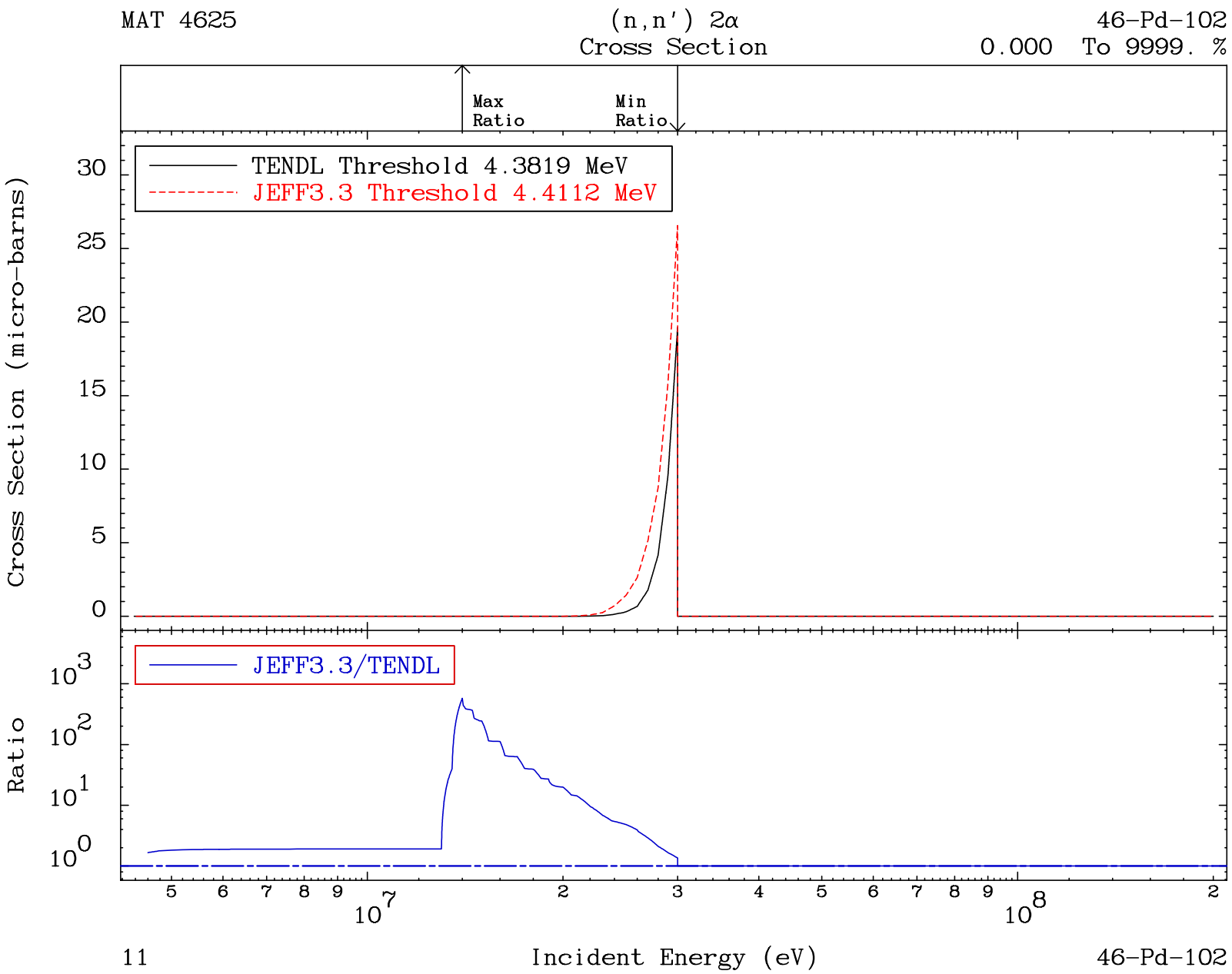

MAT 4625
(n,3n)
Cross Section
46-Pd-102
-20.72 To 0.936 %
Min Ratio
Max Ratio
TENDL Threshold 19.019 MeV
JEFF3.3 Threshold 19.033 MeV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
46-Pd-102

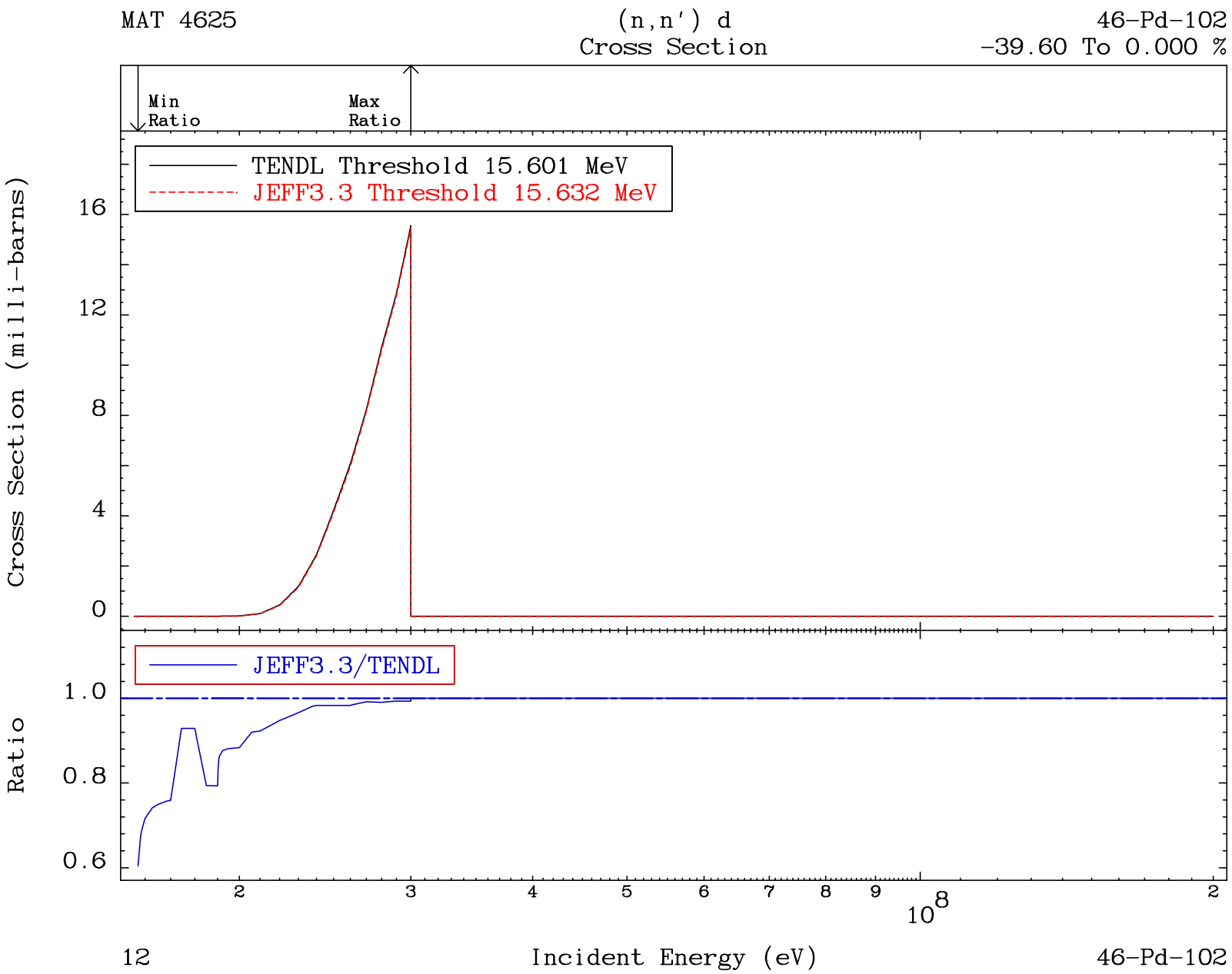

MAT 4625
(n,n') α
Cross Section
46-Pd-102
-5.080 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 2.1240 MeV
JEFF3.3 Threshold 2.1522 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^3
10^2
10^1
10^0
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
7
Incident Energy (eV)
46-Pd-102

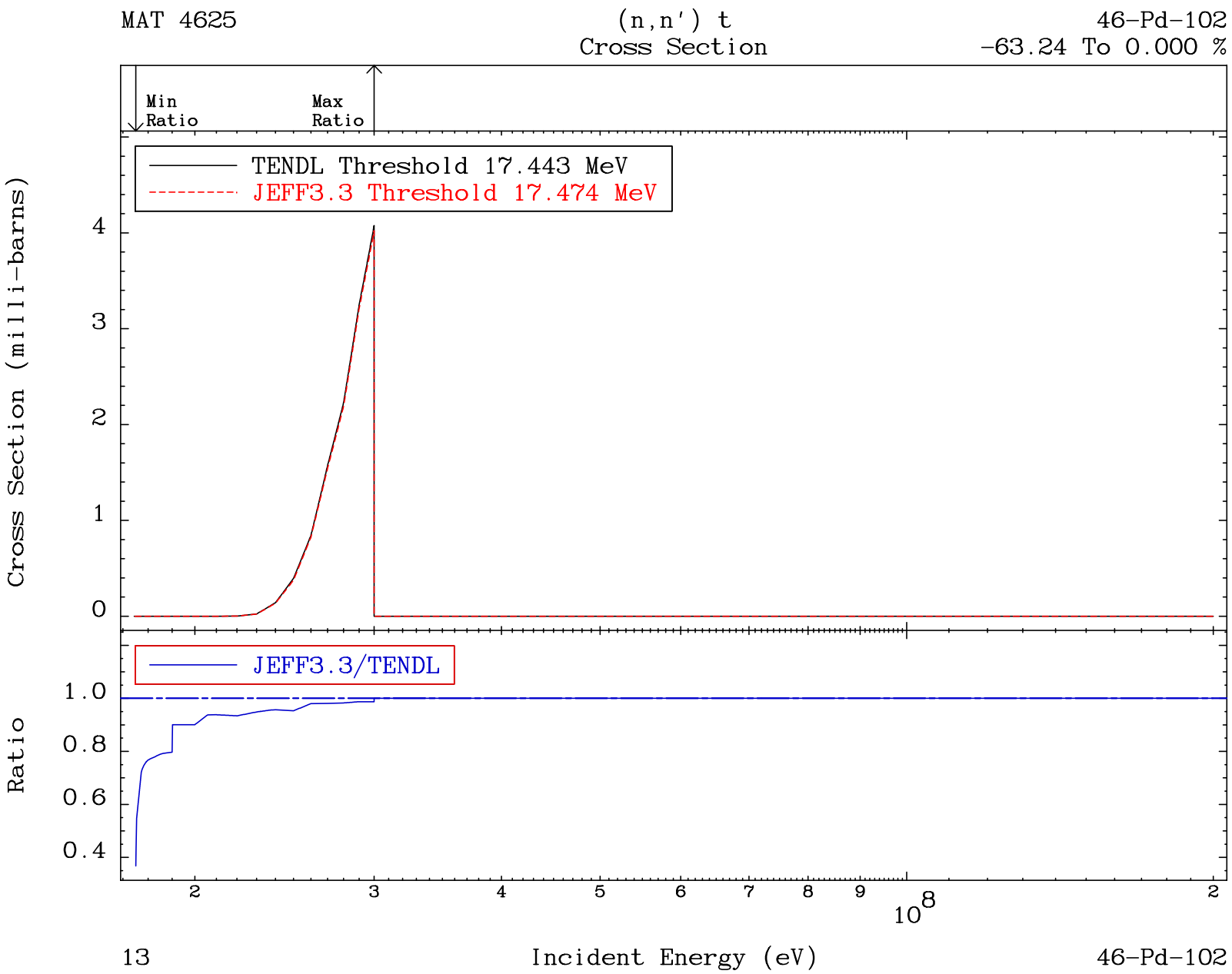

MAT 4625
(n,2n) α
Cross Section
46-Pd-102
-3.567 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 12.400 MeV
JEFF3.3 Threshold 12.430 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
8
Incident Energy (eV)
46-Pd-102

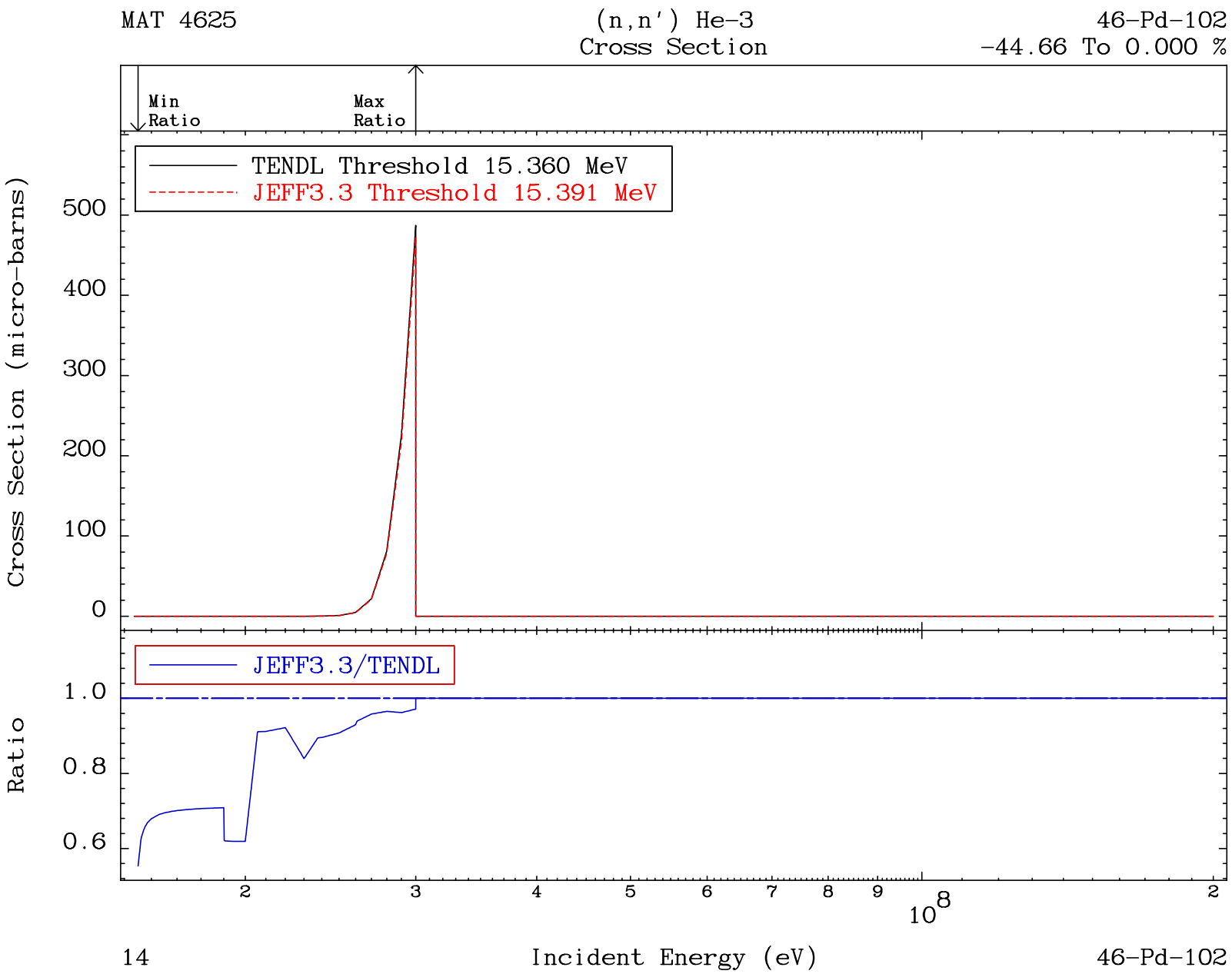

MAT 4625
(n,3n) α
Cross Section
46-Pd-102
0.000 To 9231. %
Min
Ratio
TENDL Threshold 20.592 MeV
JEFF3.3 Threshold 20.622 MeV
Cross Section (micro-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (MeV)
9
46-Pd-102

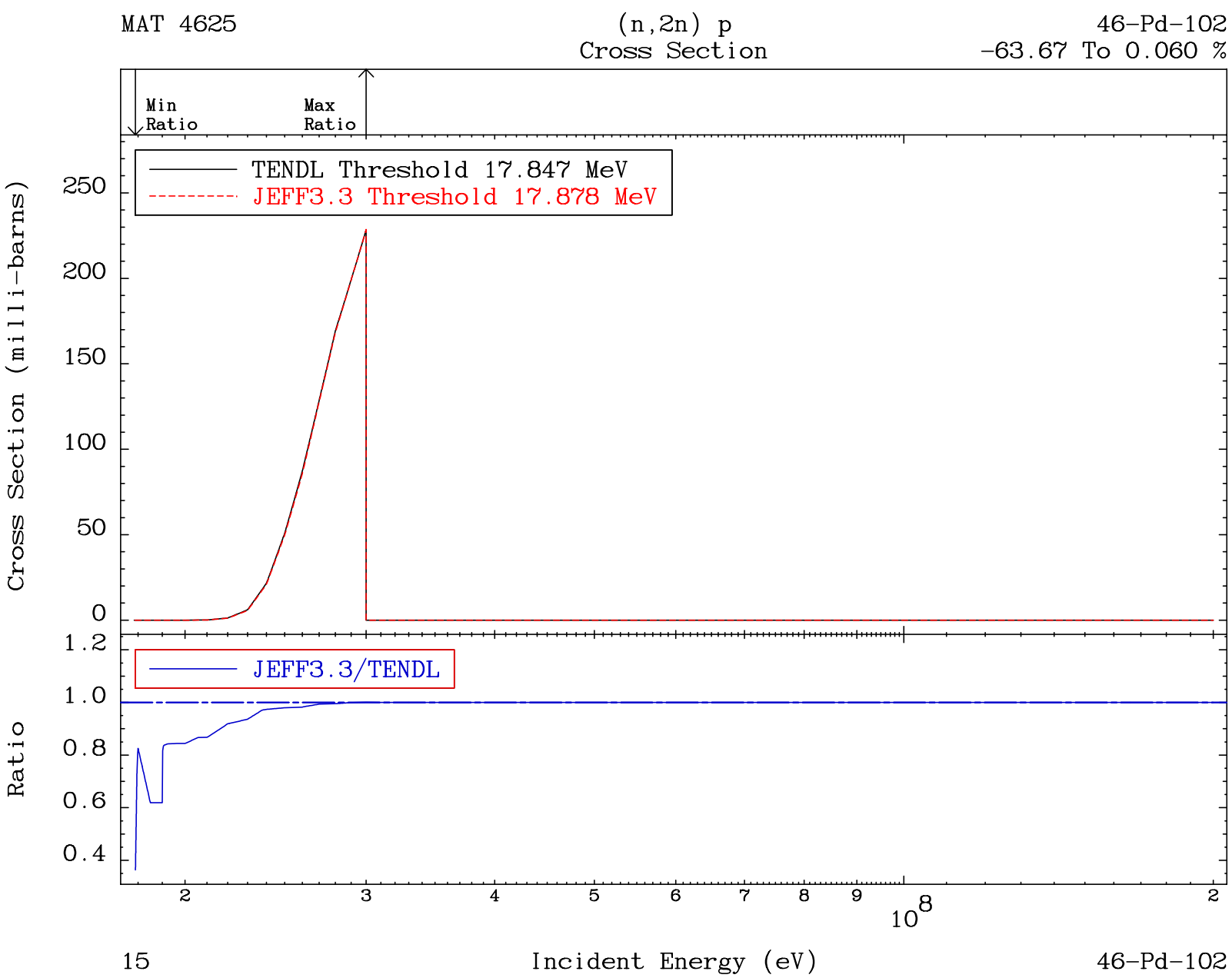

MAT 4625
(n,n') p
Cross Section
46-Pd-102
-44.32 To 0.590 %
Min Ratio
Max Ratio
TENDL Threshold 7.8567 MeV
JEFF3.3 Threshold 7.8864 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
10
Incident Energy (eV)
46-Pd-102

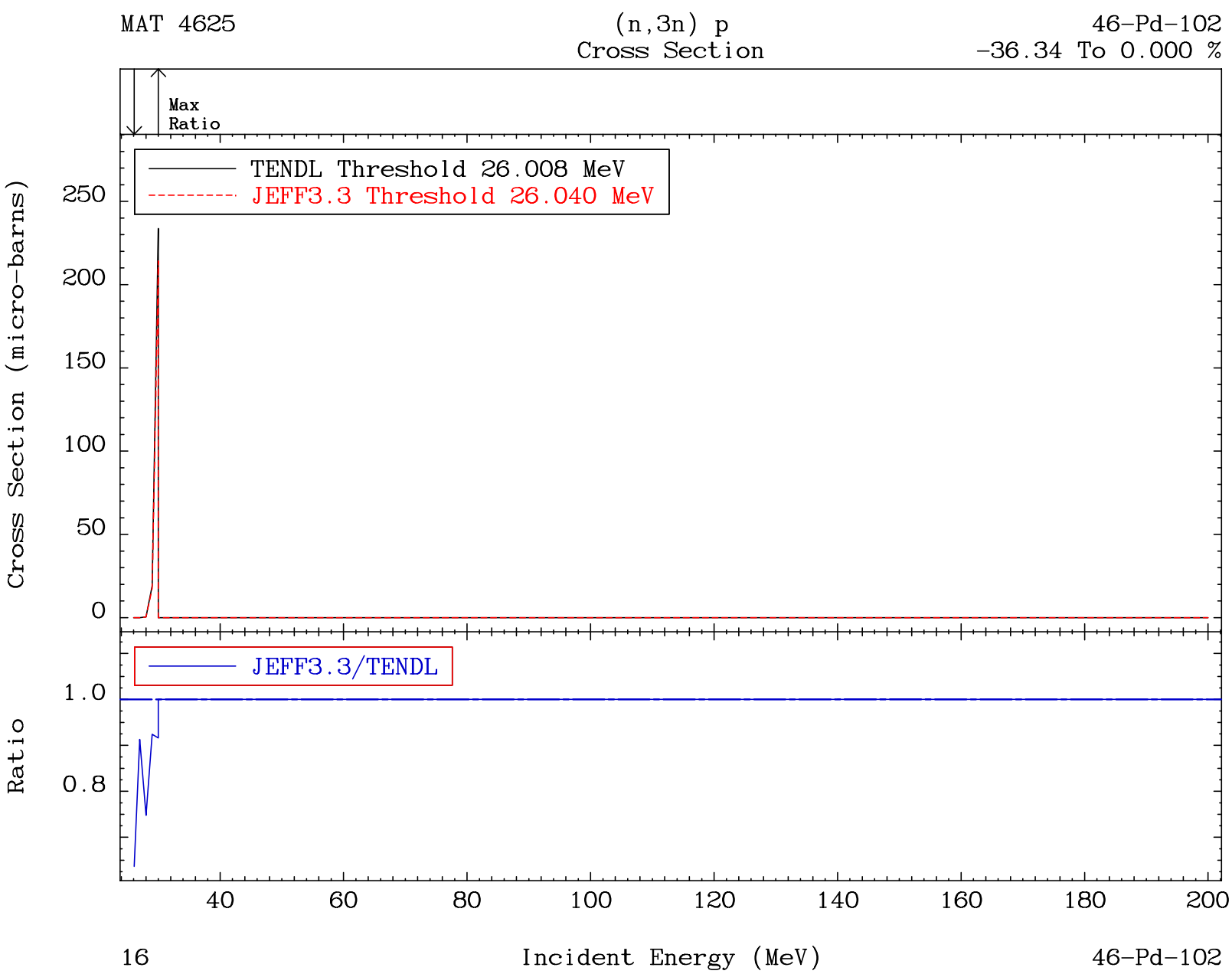

MAT 4625
(n,n') 2α
Cross Section
46-Pd-102
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 4.3819 MeV
JEFF3.3 Threshold 4.4112 MeV
Cross Section (micro-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^3
10^2
10^1
10^0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
11
Incident Energy (eV)
46-Pd-102

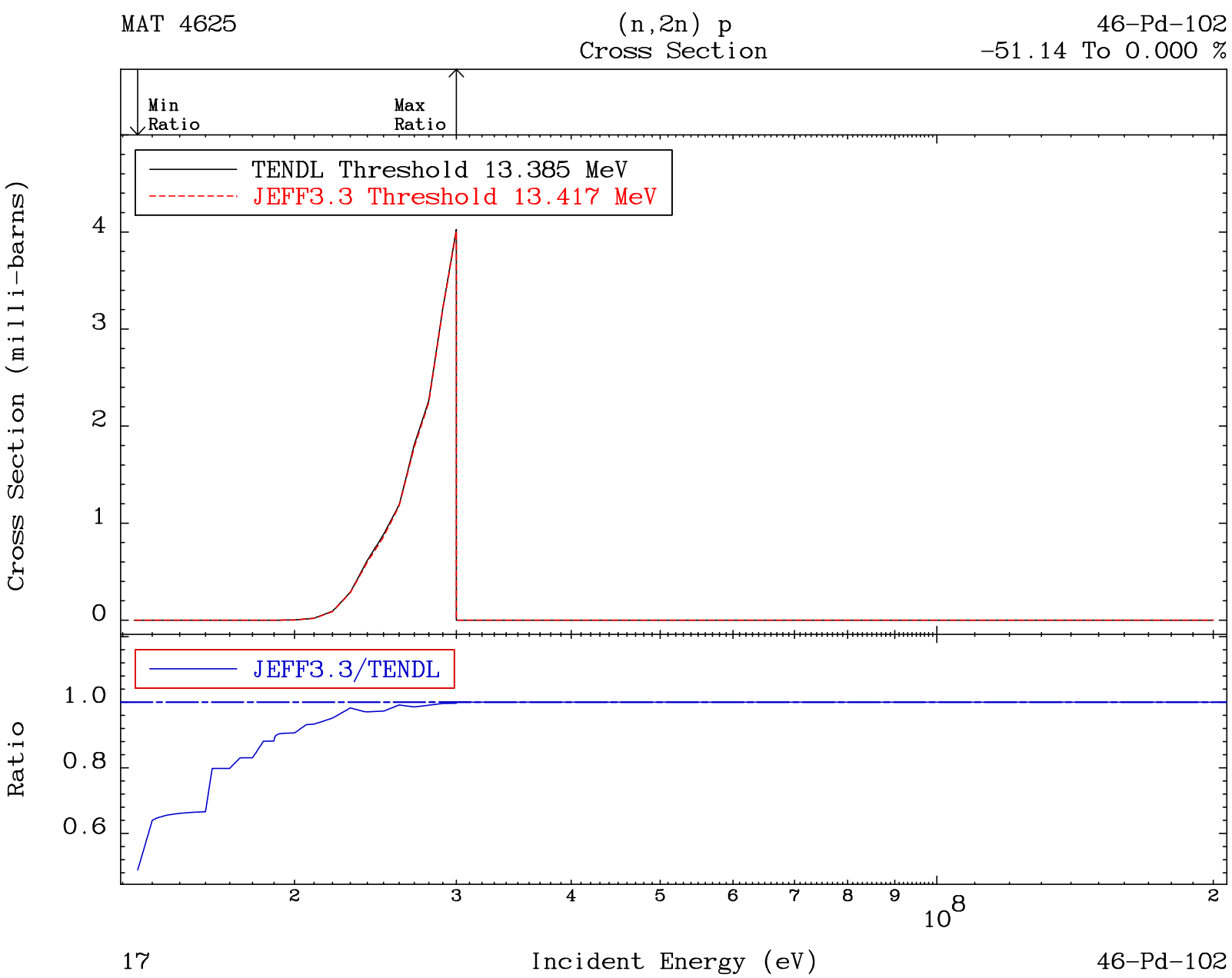

MAT 4625
(n,n') d
Cross Section
46-Pd-102
-39.60 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 15.601 MeV
JEFF3.3 Threshold 15.632 MeV
Cross Section (milli-barns)
16
12
8
4
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
12
Incident Energy (eV)
46-Pd-102

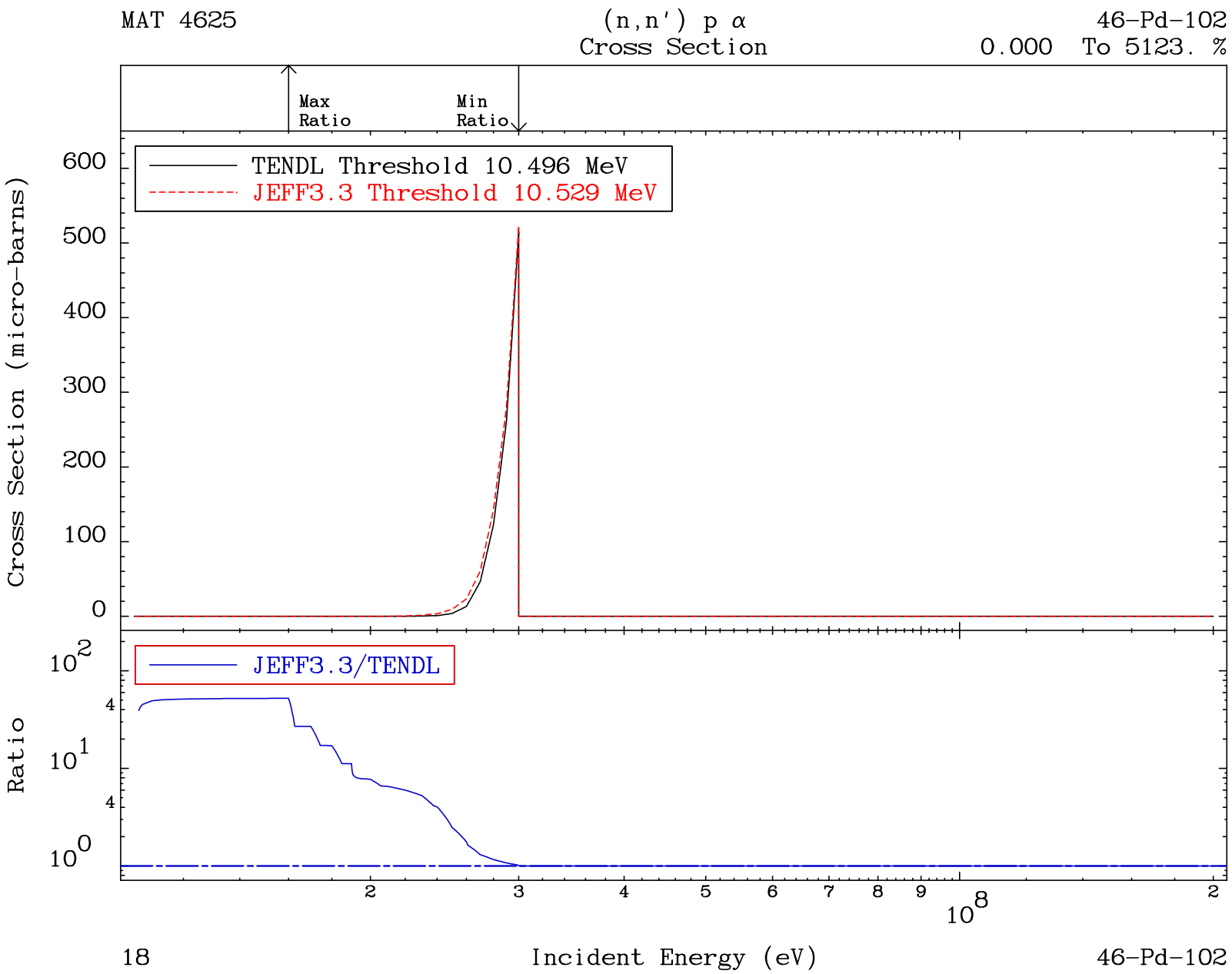

MAT 4625
(n,n') t
Cross Section
46-Pd-102
-63.24 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 17.443 MeV
JEFF3.3 Threshold 17.474 MeV
Cross Section (milli-barns)
0
1
2
3
4
JEFF3.3/TENDL
Ratio
0.4
0.6
0.8
1.0
2
3
4
5
6
7
8
9
10^8
2
13
Incident Energy (eV)
46-Pd-102

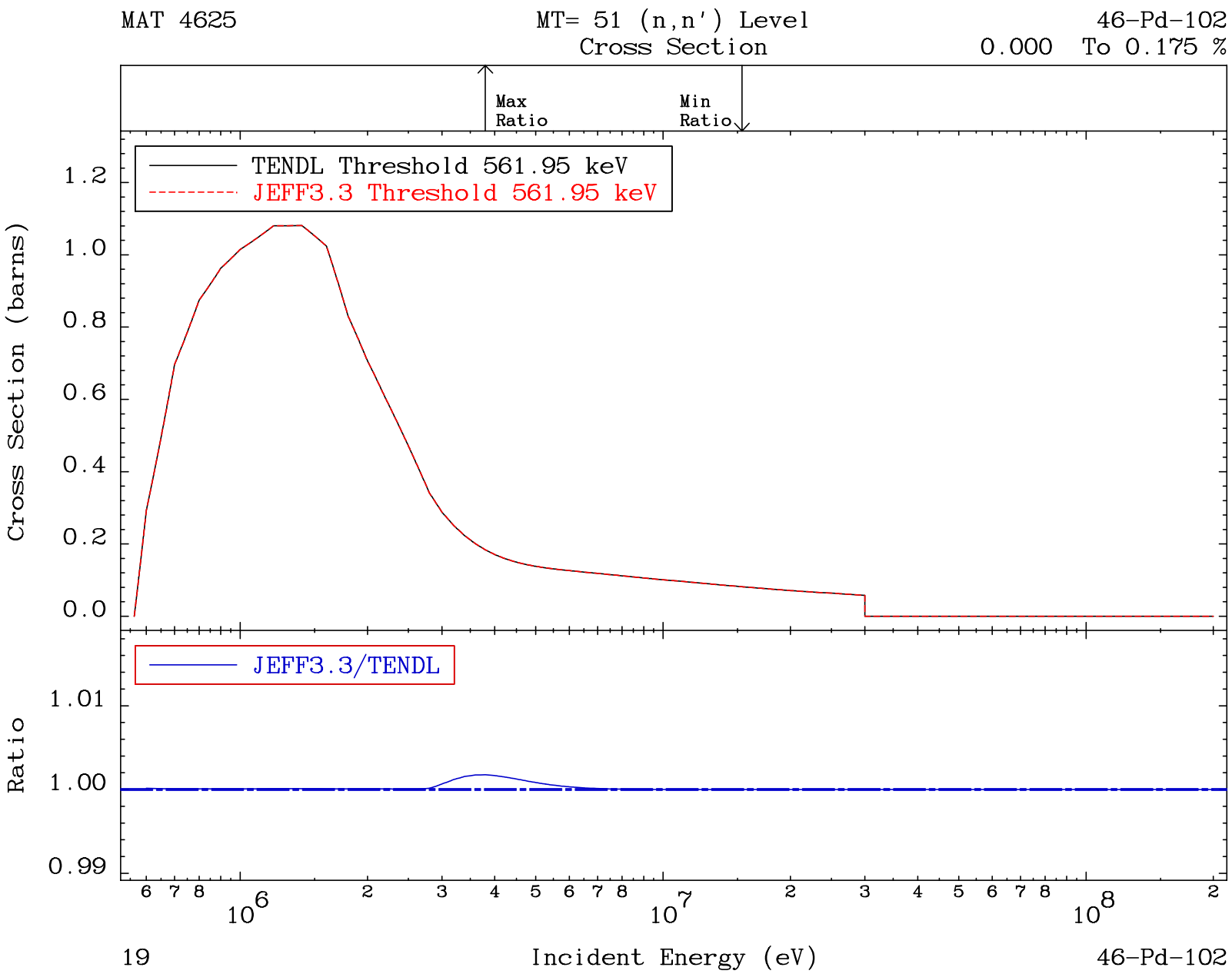

MAT 4625
(n,n') He-3
Cross Section
46-Pd-102
-44.66 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 15.360 MeV
JEFF3.3 Threshold 15.391 MeV
Cross Section (micro-barns)
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
14
Incident Energy (eV)
46-Pd-102

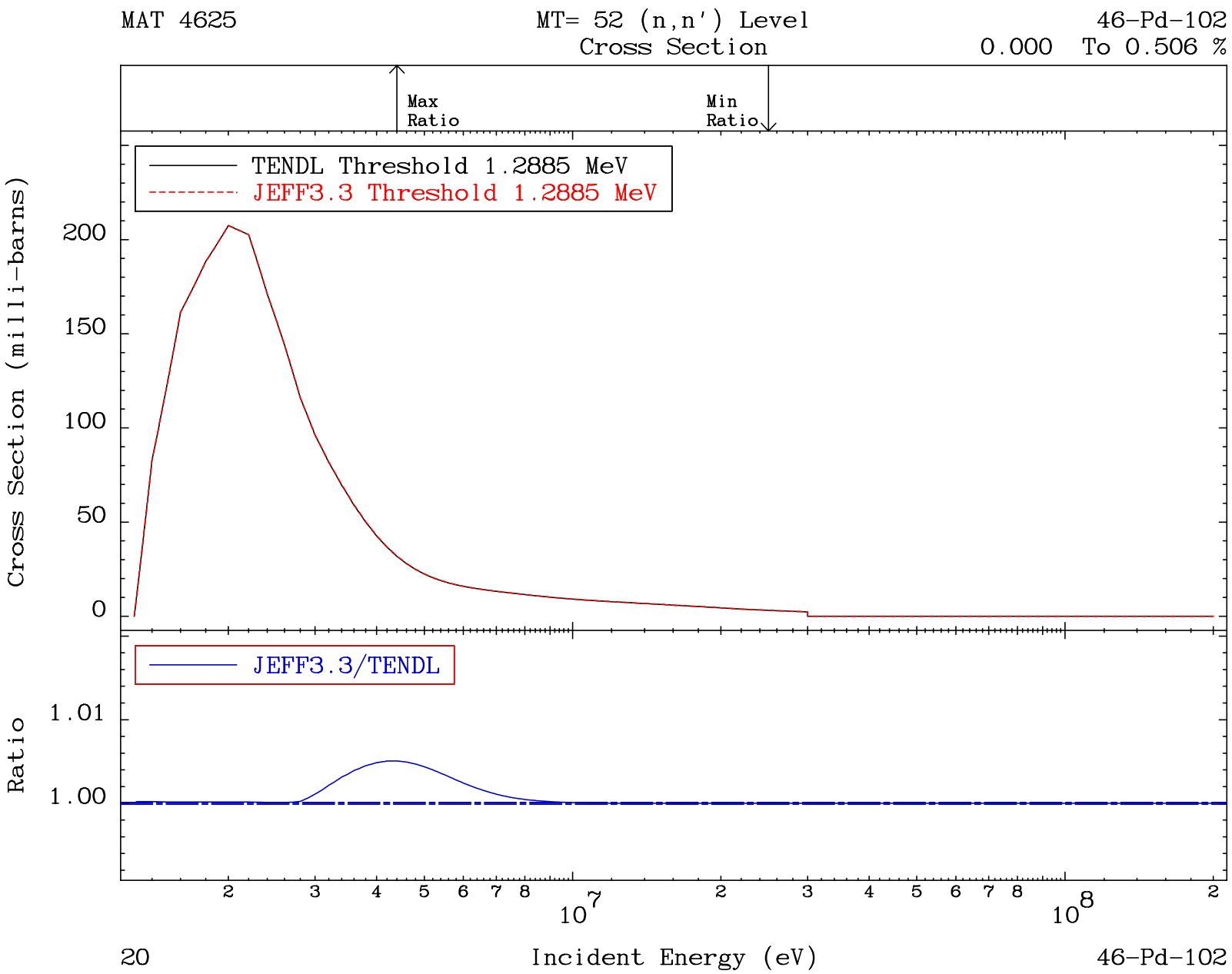

MAT 4625
(n,2n) p
Cross Section
46-Pd-102
-63.67 To 0.060 %
Min Ratio
Max Ratio
TENDL Threshold 17.847 MeV
JEFF3.3 Threshold 17.878 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.2
1.0
0.8
0.6
0.4
2
3
4
5
6
7
8
9
10^8
2
15
Incident Energy (eV)
46-Pd-102

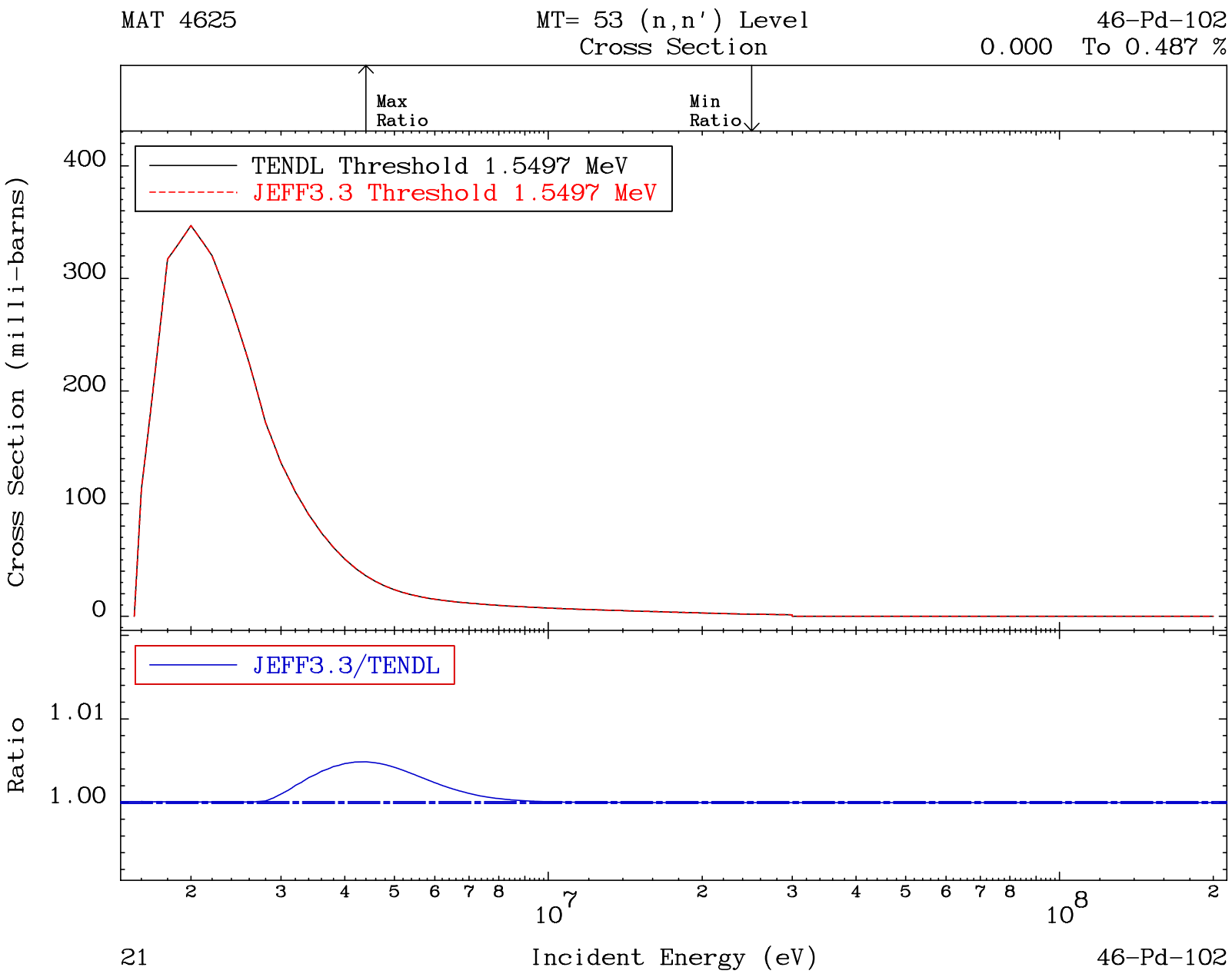

MAT 4625
(n,3n) p
Cross Section
46-Pd-102
-36.34 To 0.000 %
Max
Ratio
TENDL Threshold 26.008 MeV
JEFF3.3 Threshold 26.040 MeV
Cross Section (micro-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.0
0.8
40
60
80
100
120
140
160
180
200
16
Incident Energy (MeV)
46-Pd-102

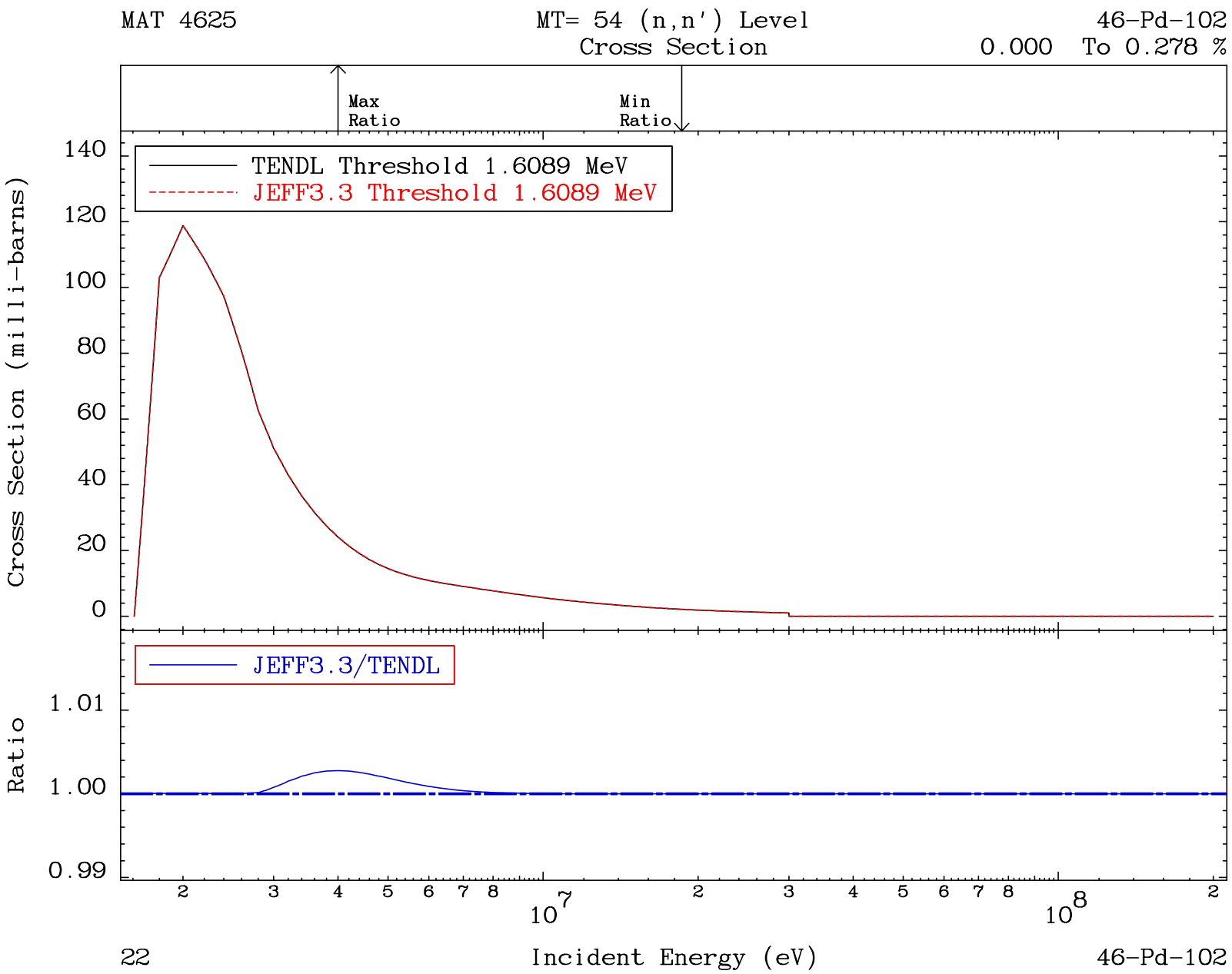

MAT 4625
(n,2n) p
Cross Section
46-Pd-102
-51.14 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 13.385 MeV
JEFF3.3 Threshold 13.417 MeV
Cross Section (milli-barns)
0
1
2
3
4
JEFF3.3/TENDL
Ratio
0.6
0.8
1.0
2
3
4
5
6
7
8
9
10^8
2
17
Incident Energy (eV)
46-Pd-102

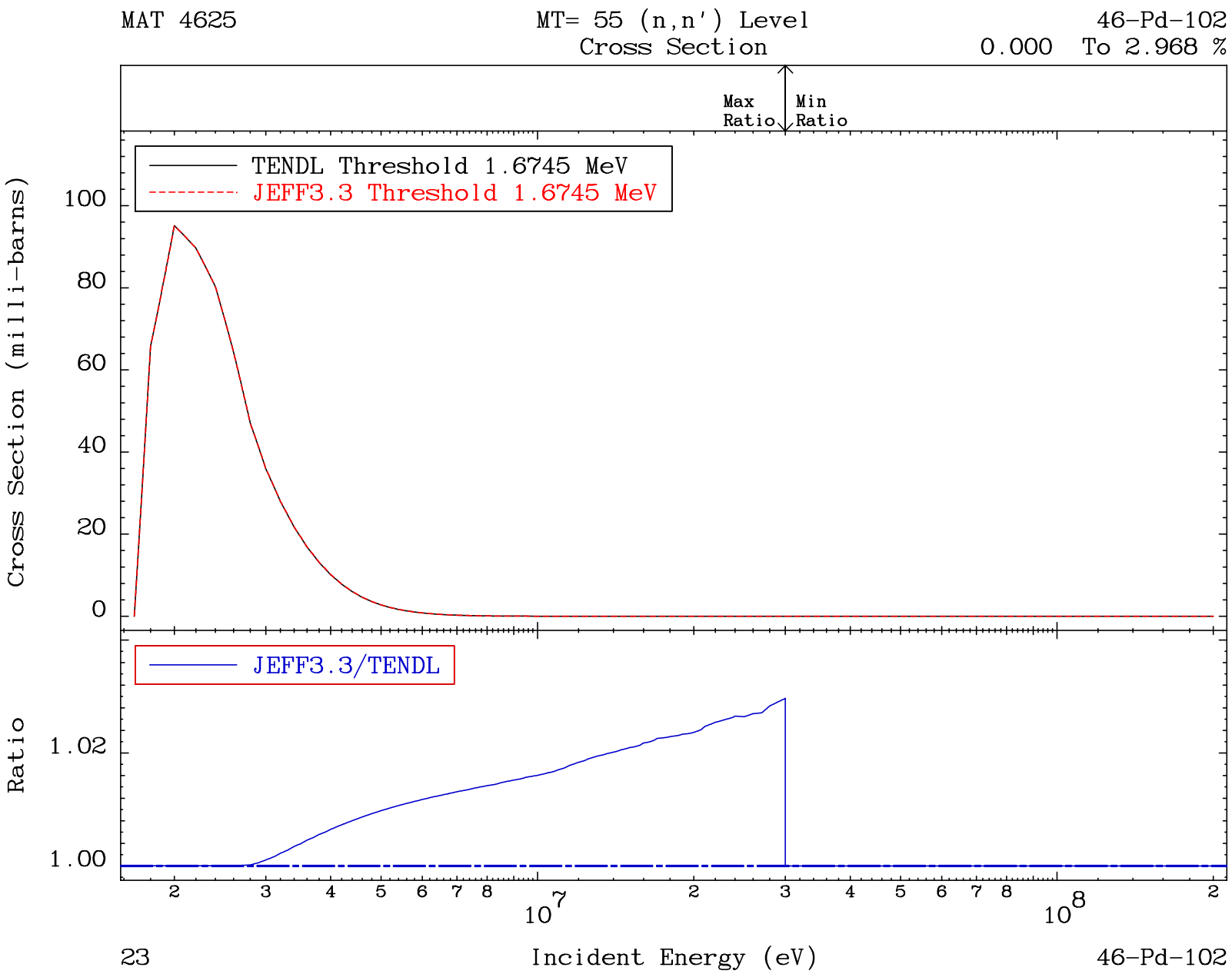

MAT 4625
(n,n') p α
Cross Section
46-Pd-102
0.000 To 5123. %
Max Ratio
Min Ratio
TENDL Threshold 10.496 MeV
JEFF3.3 Threshold 10.529 MeV
Cross Section (micro-barns)
600
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^2
4
10^1
4
10^0
2
3
4
5
6
7
8
9
10^8
2
18
Incident Energy (eV)
46-Pd-102

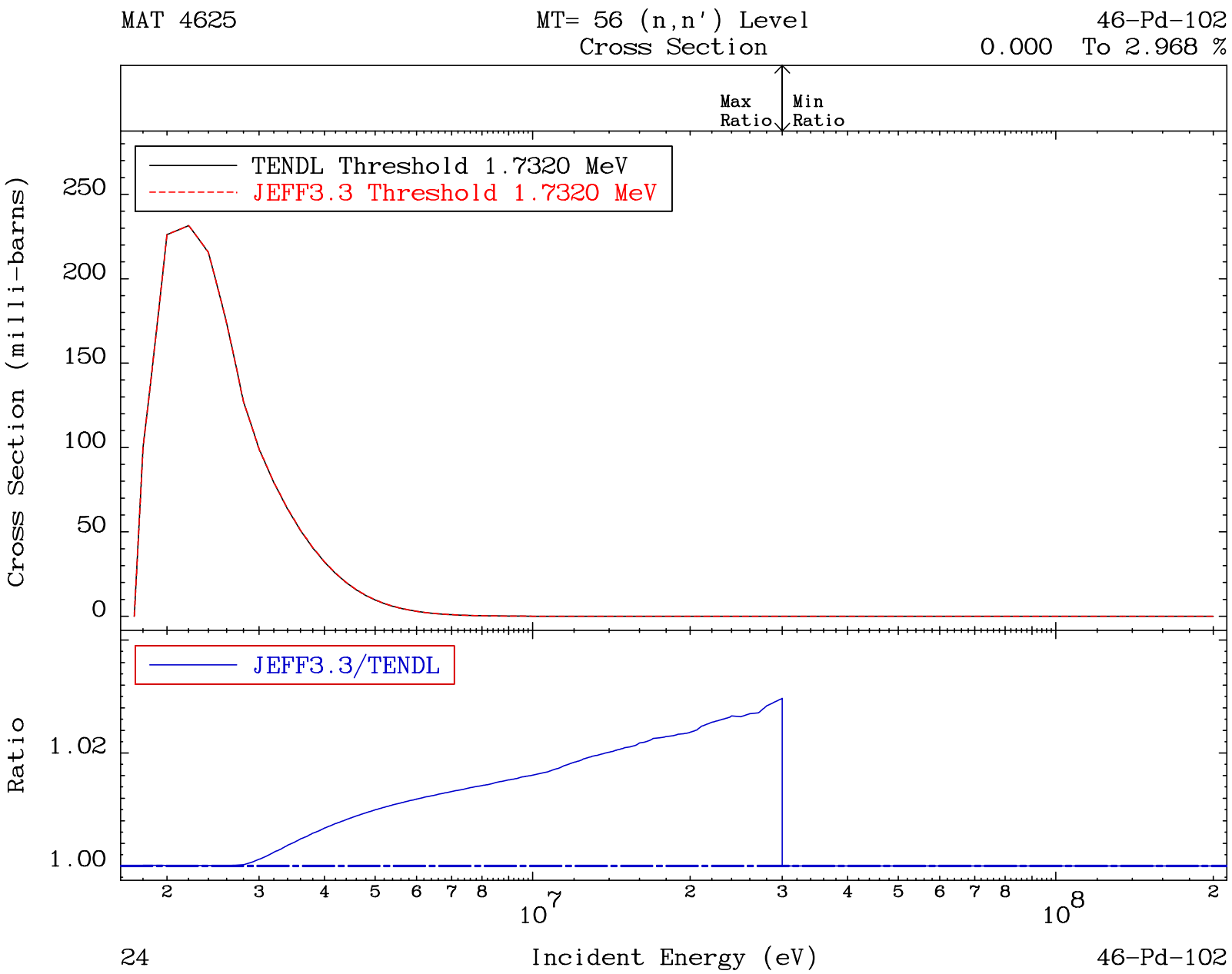

MAT 4625
MT= 51 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.175 %
Max Ratio
Min Ratio
TENDL Threshold 561.95 keV
JEFF3.3 Threshold 561.95 keV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
19
Incident Energy (eV)
46-Pd-102

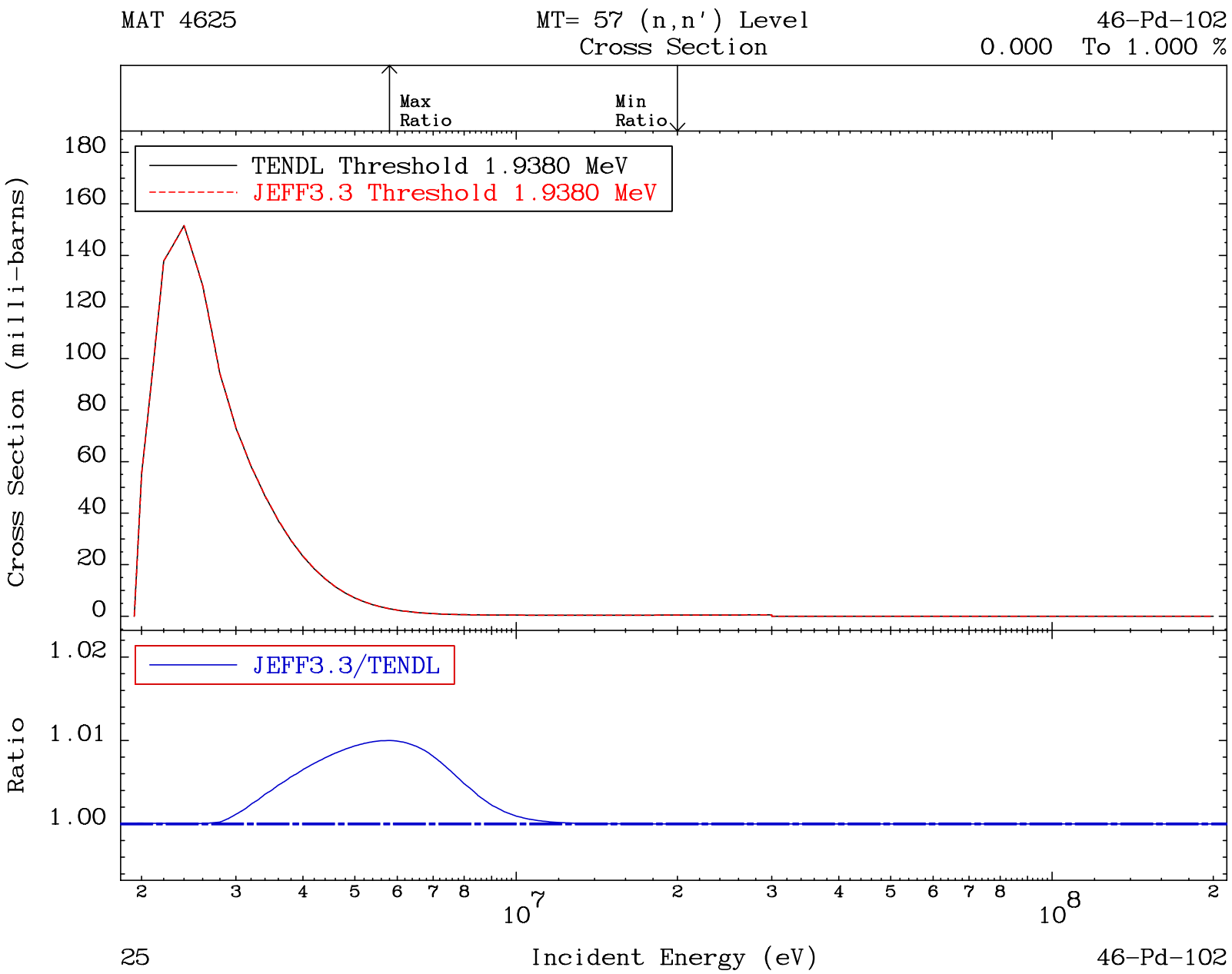

MAT 4625
MT= 52 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.506 %
Max Ratio
Min Ratio
TENDL Threshold 1.2885 MeV
JEFF3.3 Threshold 1.2885 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.01
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
20
Incident Energy (eV)
46-Pd-102

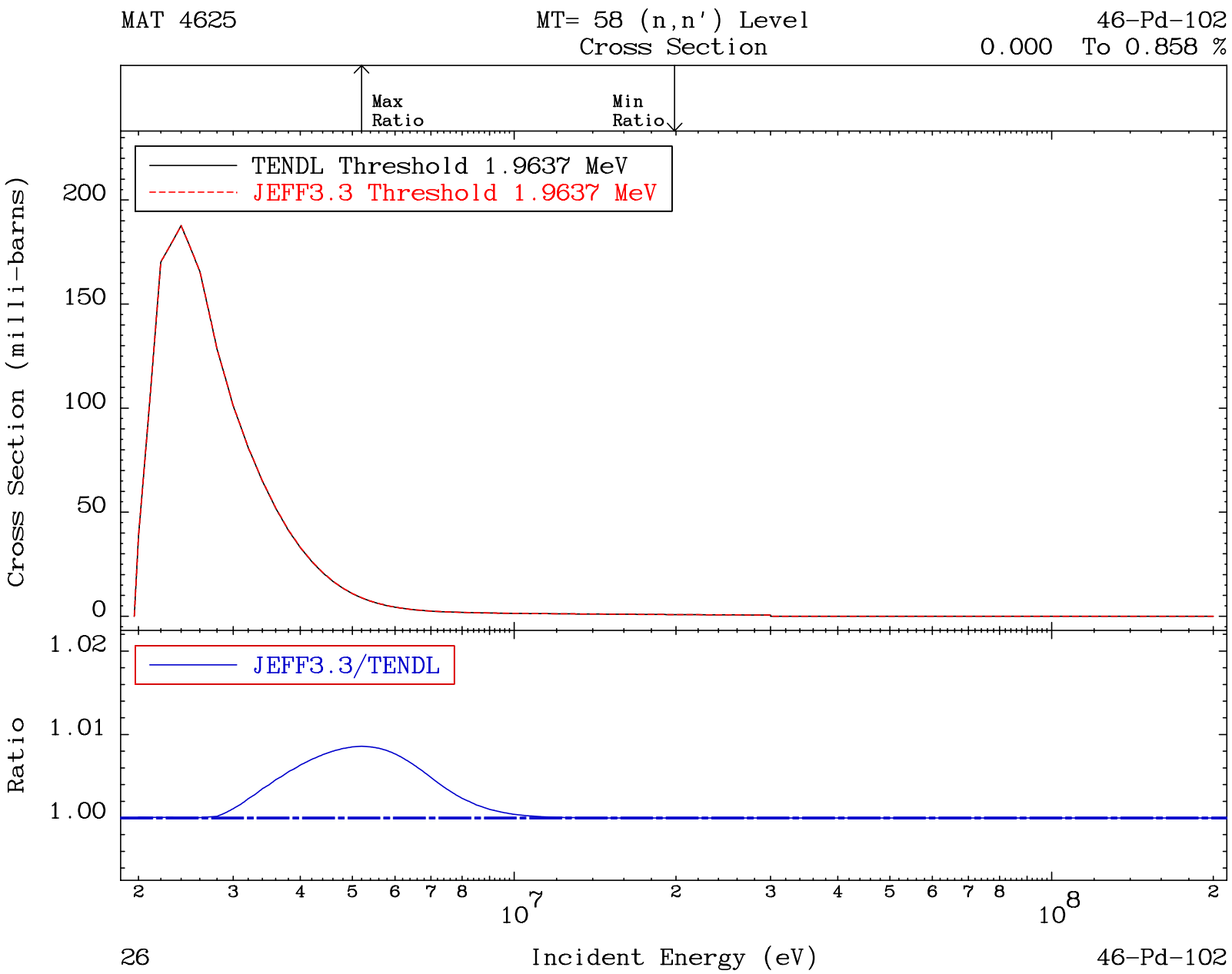

MAT 4625
MT= 53 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.487 %
Max Ratio
Min Ratio
TENDL Threshold 1.5497 MeV
JEFF3.3 Threshold 1.5497 MeV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.01
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
21
Incident Energy (eV)
46-Pd-102

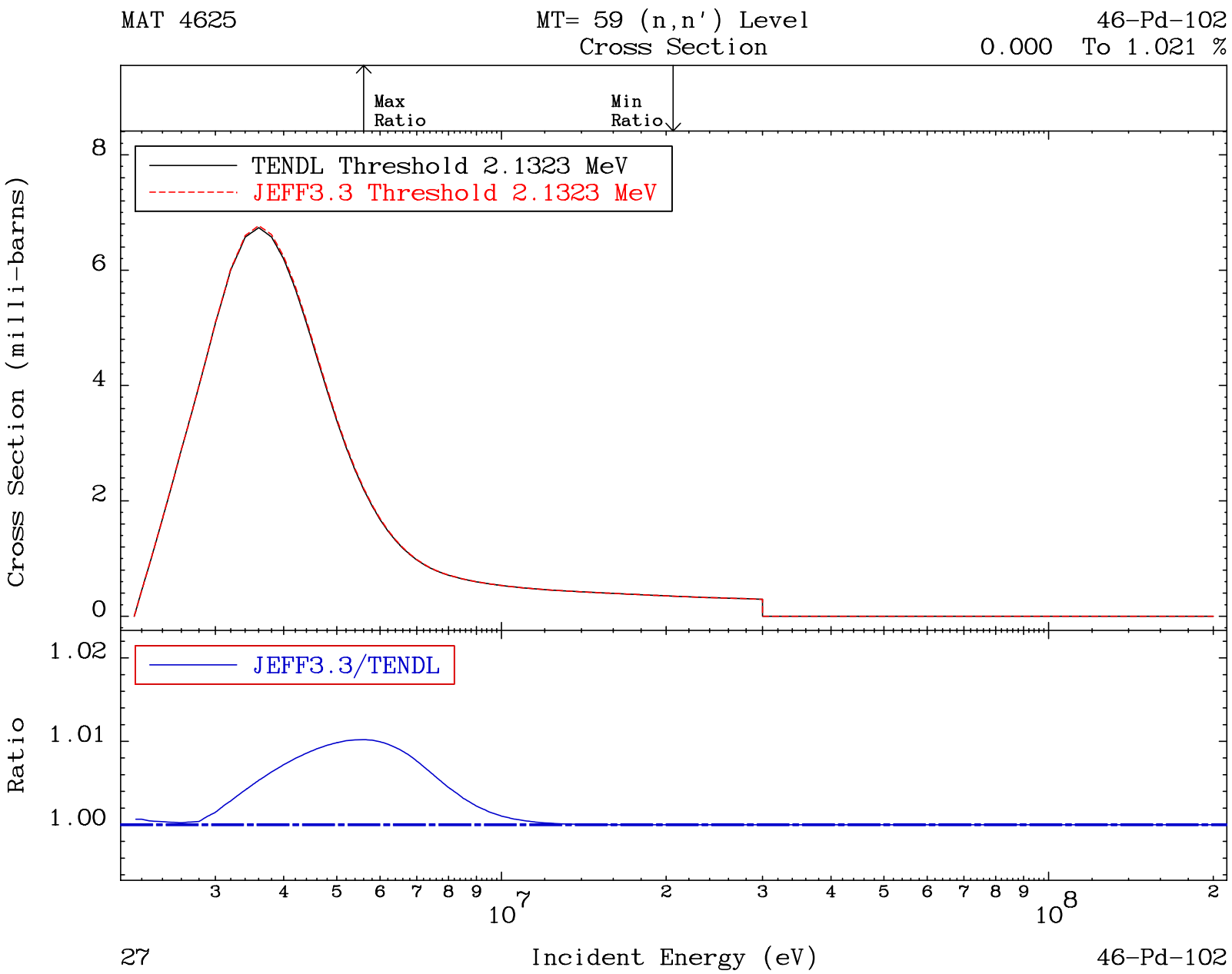

MAT 4625
MT= 54 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.278 %
Max Ratio
Min Ratio
TENDL Threshold 1.6089 MeV
JEFF3.3 Threshold 1.6089 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
22
Incident Energy (eV)
46-Pd-102

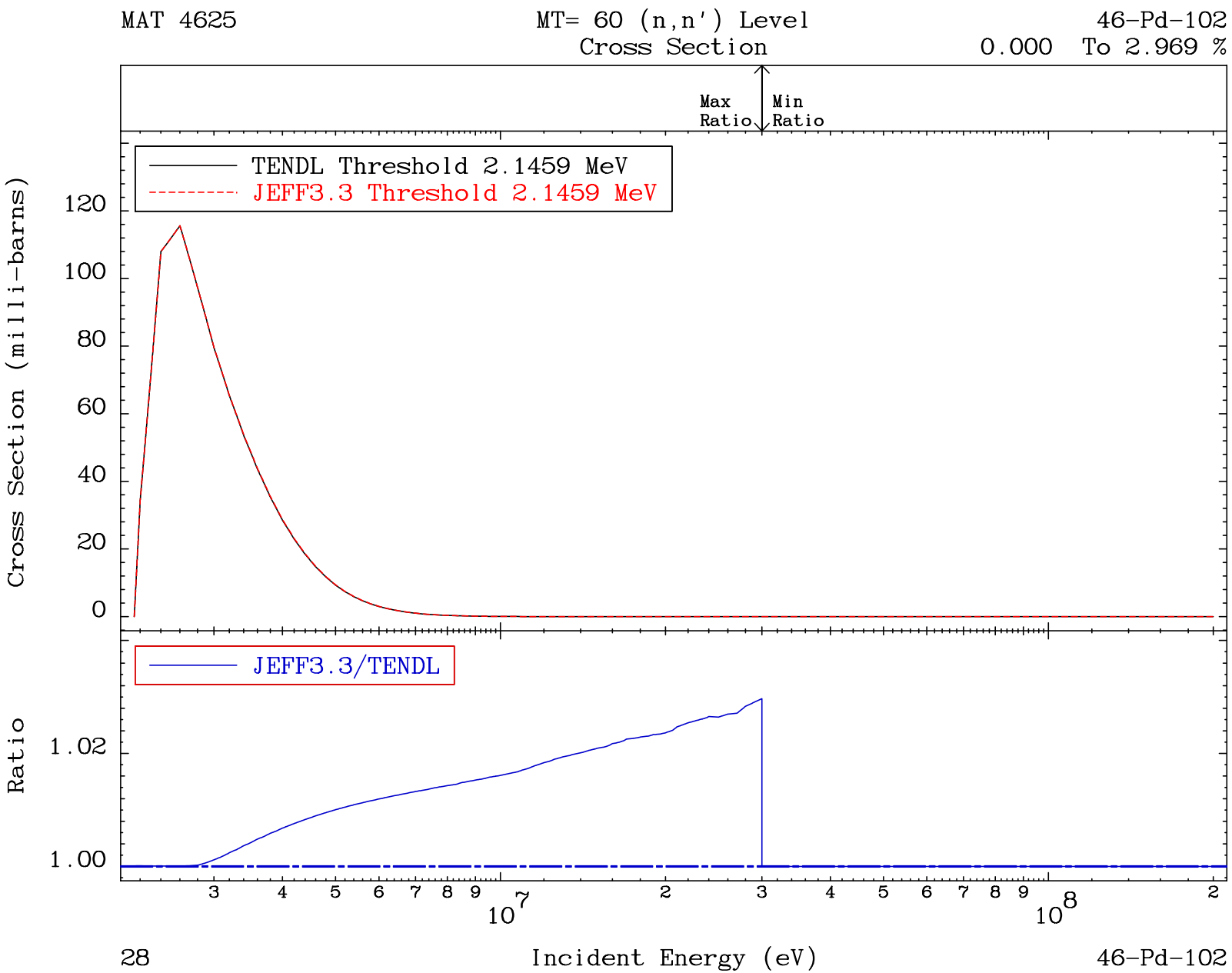

MAT 4625
MT= 55 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.968 %
Max Ratio
Min Ratio
TENDL Threshold 1.6745 MeV
JEFF3.3 Threshold 1.6745 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.02
1.00
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
23
Incident Energy (eV)
46-Pd-102

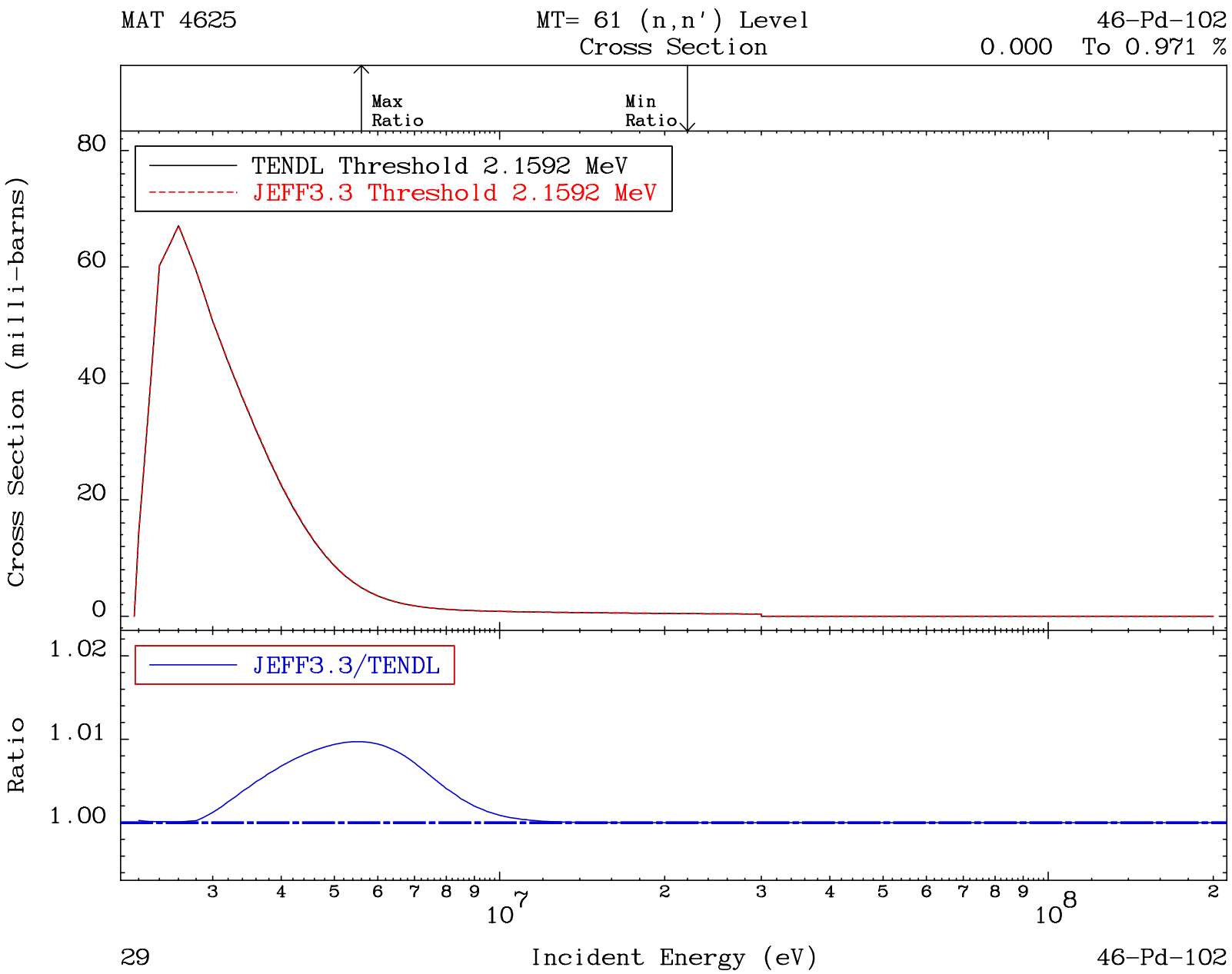

MAT 4625
MT= 56 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.968 %
Max Ratio
Min Ratio
TENDL Threshold 1.7320 MeV
JEFF3.3 Threshold 1.7320 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
24
Incident Energy (eV)
46-Pd-102

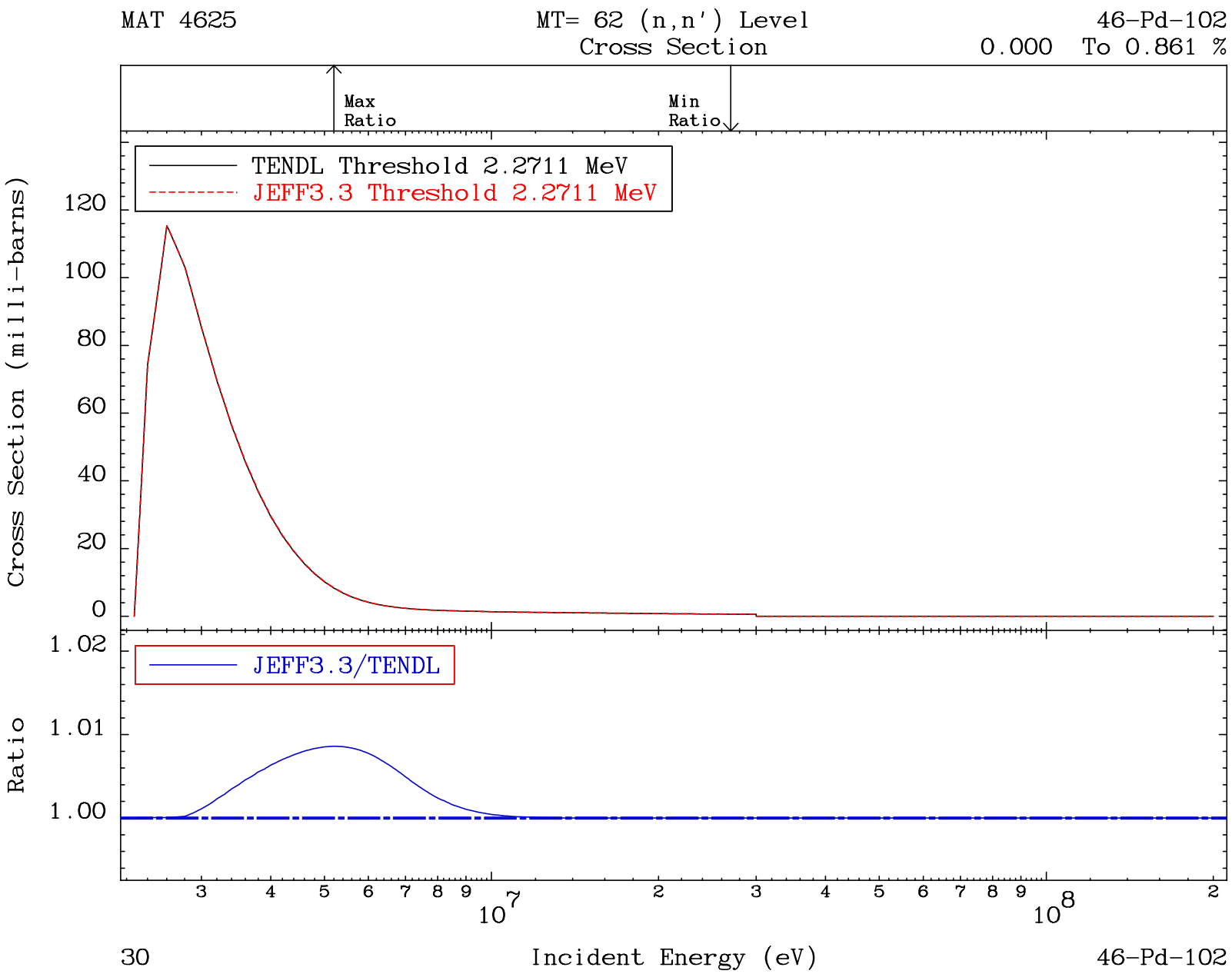

MAT 4625
MT= 57 (n,n') Level
Cross Section
46-Pd-102
0.000 To 1.000 %
Max Ratio
Min Ratio
TENDL Threshold 1.9380 MeV
JEFF3.3 Threshold 1.9380 MeV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
25
Incident Energy (eV)
46-Pd-102

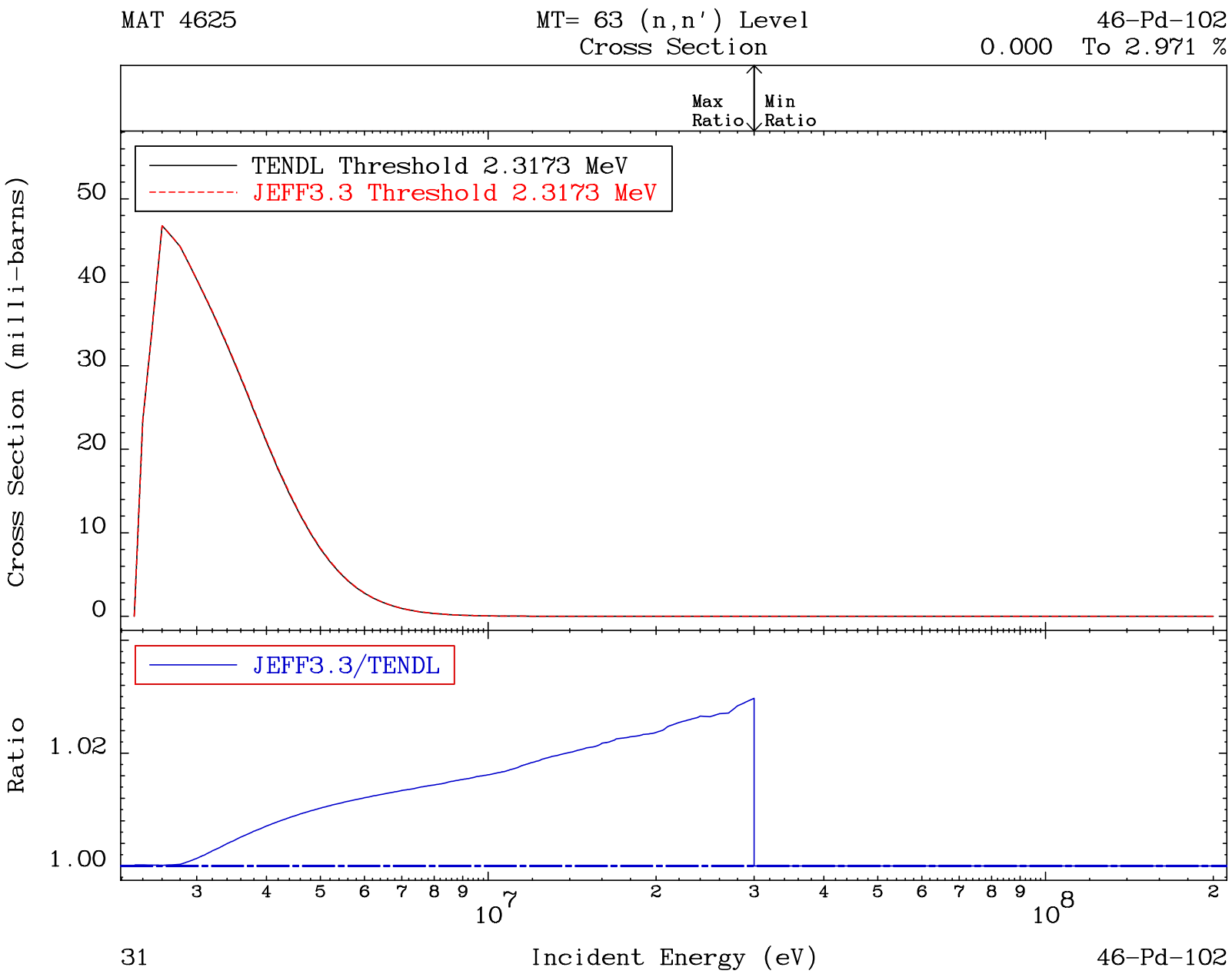

MAT 4625
MT= 58 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.858 %
Max Ratio
Min Ratio
TENDL Threshold 1.9637 MeV
JEFF3.3 Threshold 1.9637 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
26
Incident Energy (eV)
46-Pd-102

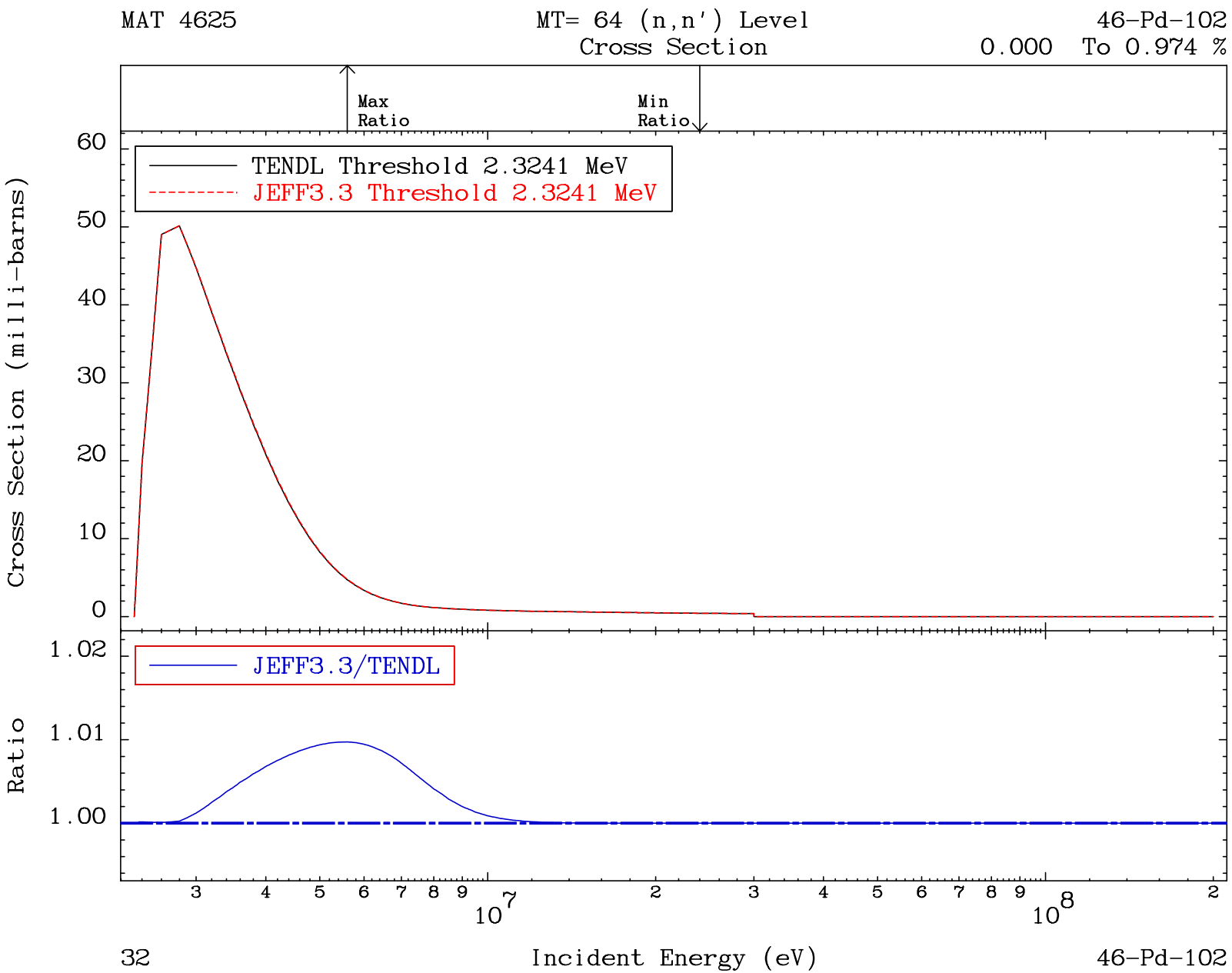

MAT 4625
MT= 59 (n,n') Level
Cross Section
46-Pd-102
0.000 To 1.021 %
Max Ratio
Min Ratio
TENDL Threshold 2.1323 MeV
JEFF3.3 Threshold 2.1323 MeV
Cross Section (milli-barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
1.00
1.01
1.02
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
46-Pd-102

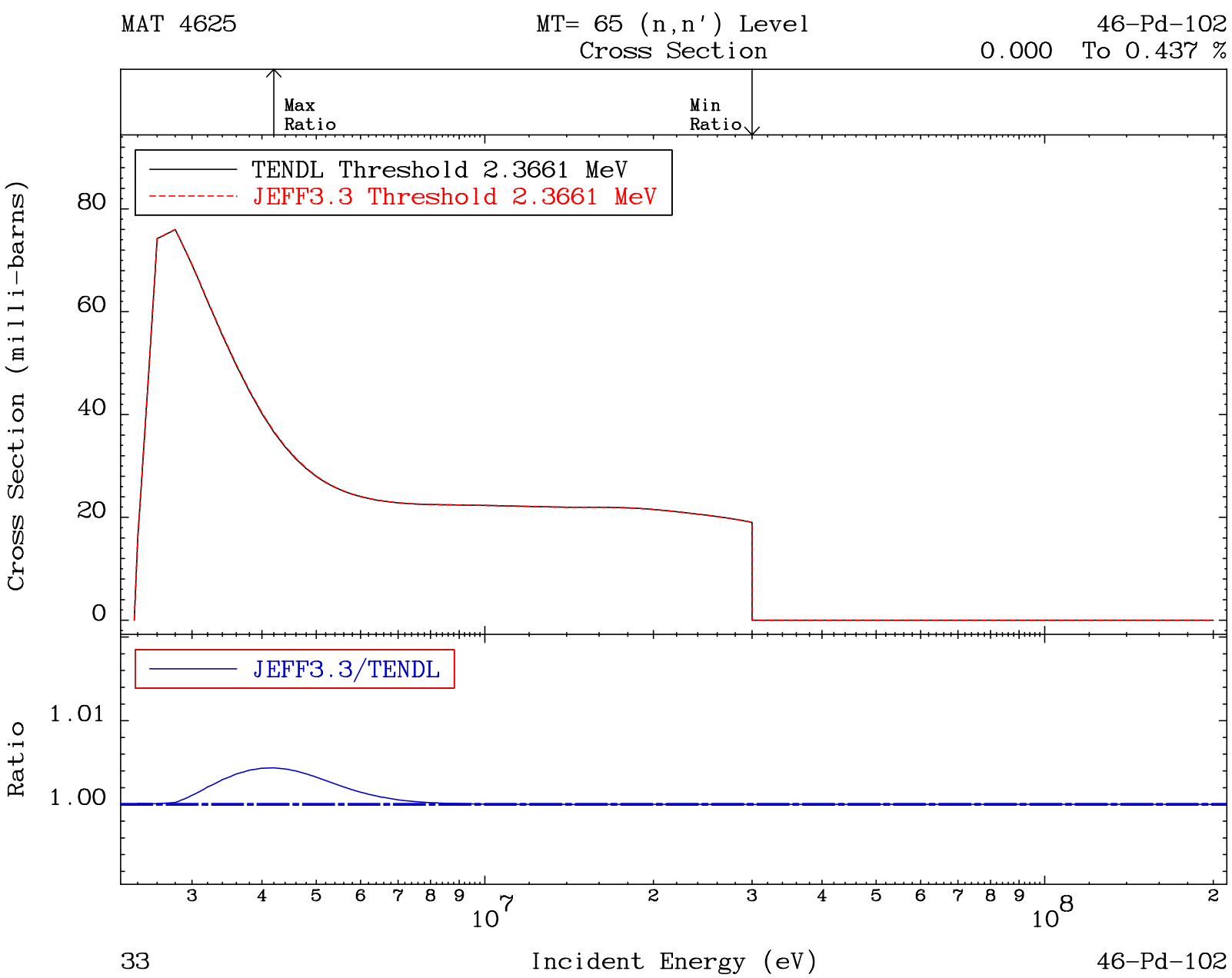

MAT 4625
MT= 60 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.969 %
Max Ratio
Min Ratio
TENDL Threshold 2.1459 MeV
JEFF3.3 Threshold 2.1459 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
28
Incident Energy (eV)
46-Pd-102

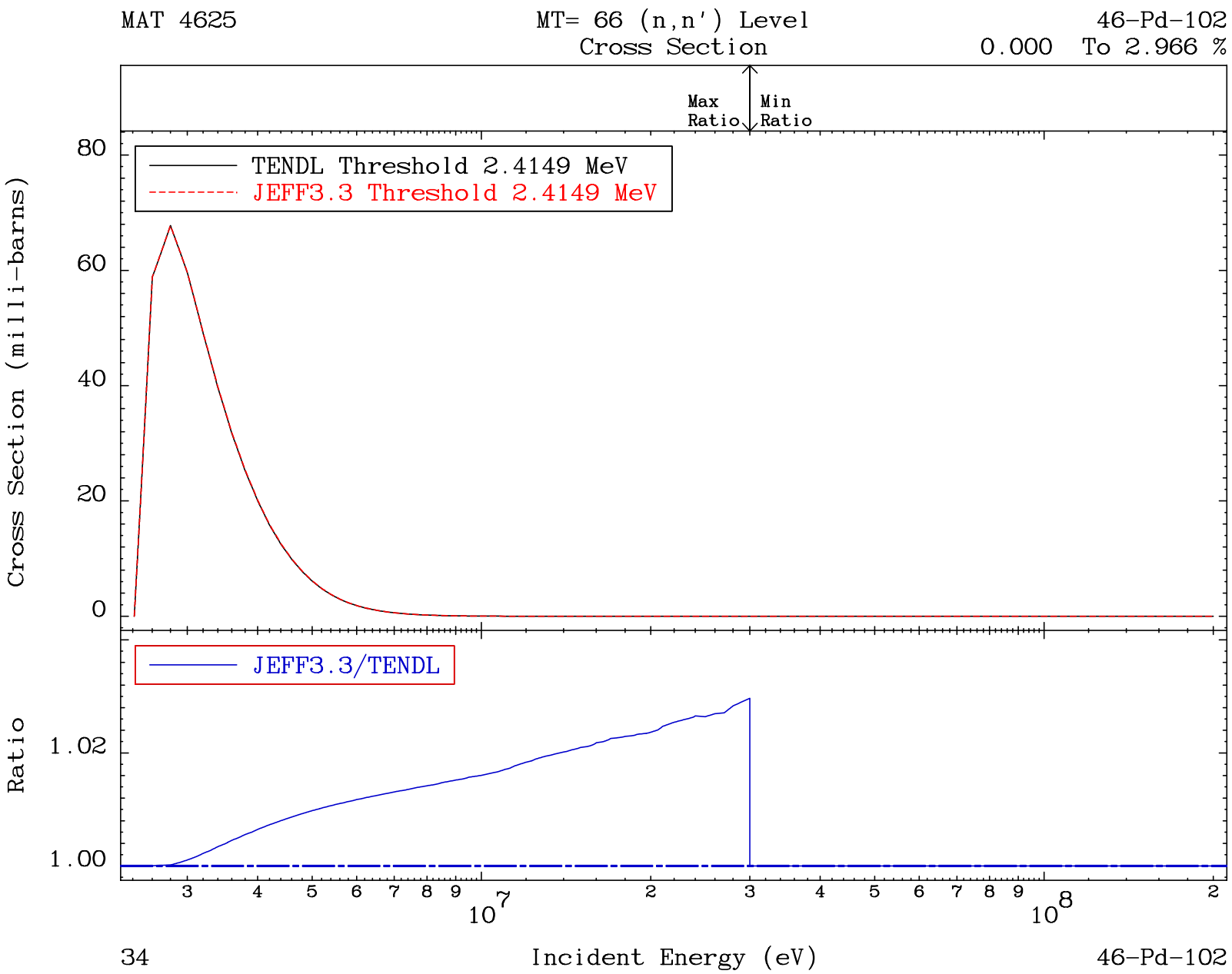

MAT 4625
MT= 61 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.971 %
Max Ratio
Min Ratio
TENDL Threshold 2.1592 MeV
JEFF3.3 Threshold 2.1592 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
46-Pd-102

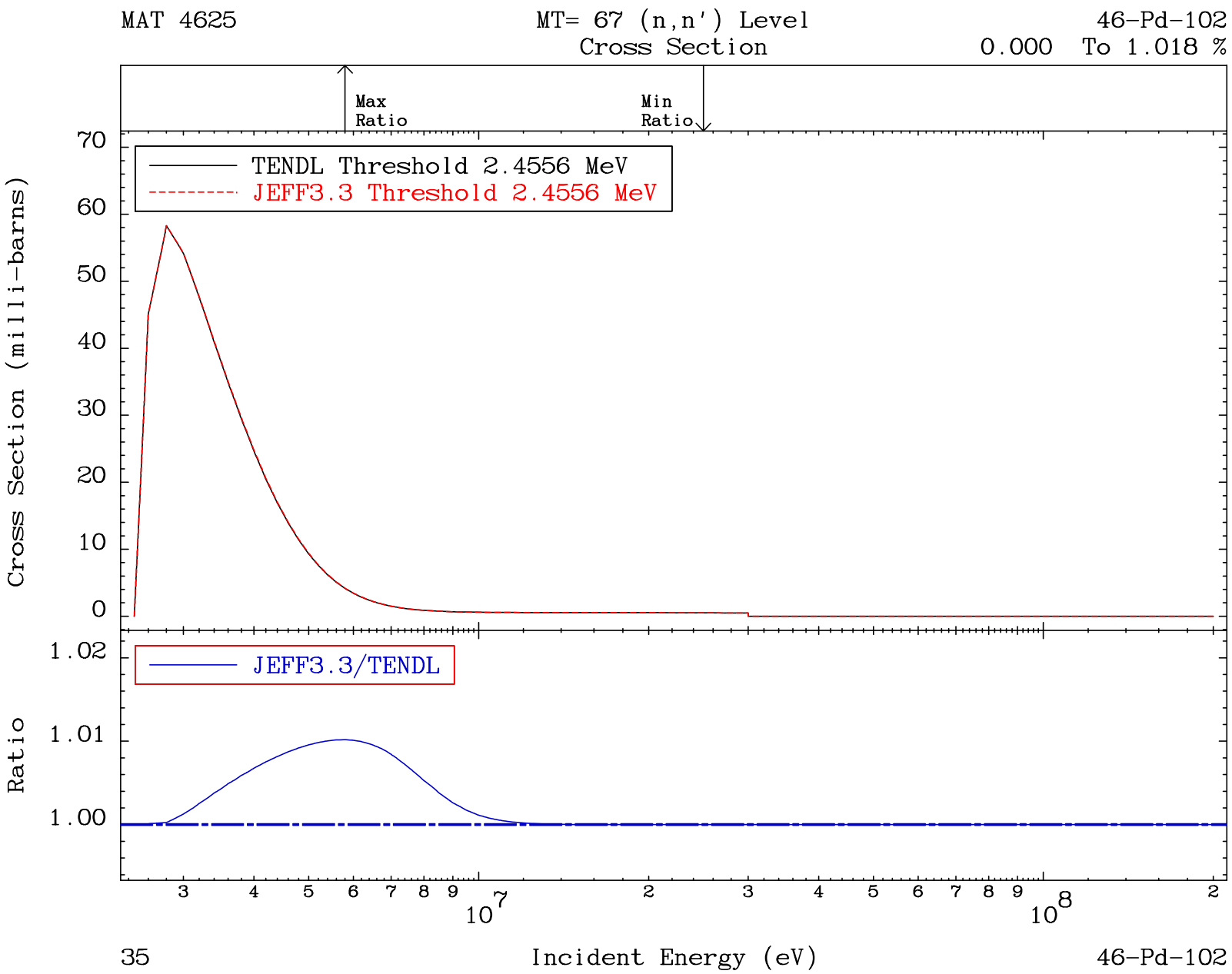

MAT 4625
MT= 62 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.861 %
Max Ratio
Min Ratio
TENDL Threshold 2.2711 MeV
JEFF3.3 Threshold 2.2711 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
30
Incident Energy (eV)
46-Pd-102

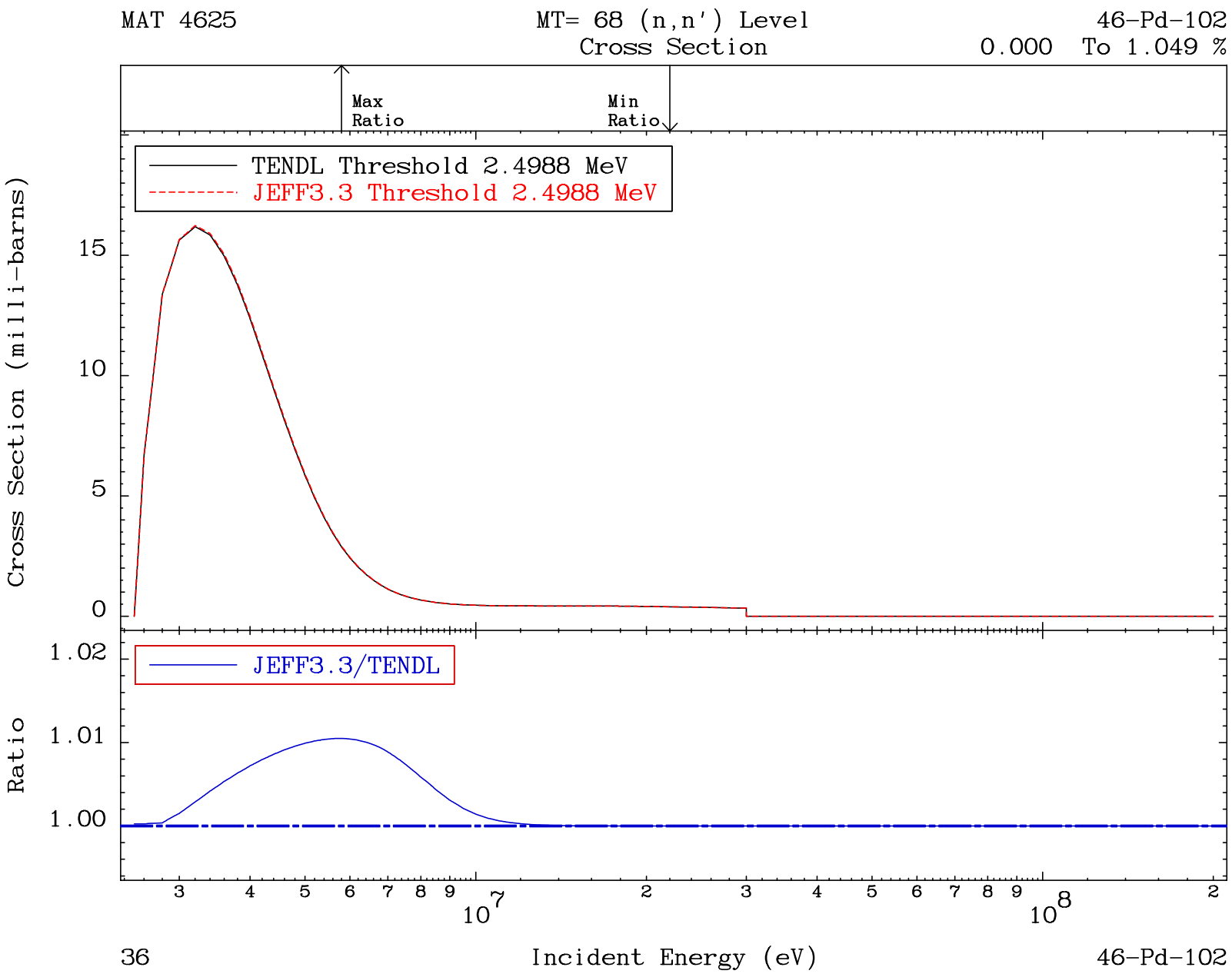

MAT 4625
MT= 63 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.971 %
Max Ratio
Min Ratio
TENDL Threshold 2.3173 MeV
JEFF3.3 Threshold 2.3173 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
31
Incident Energy (eV)
46-Pd-102

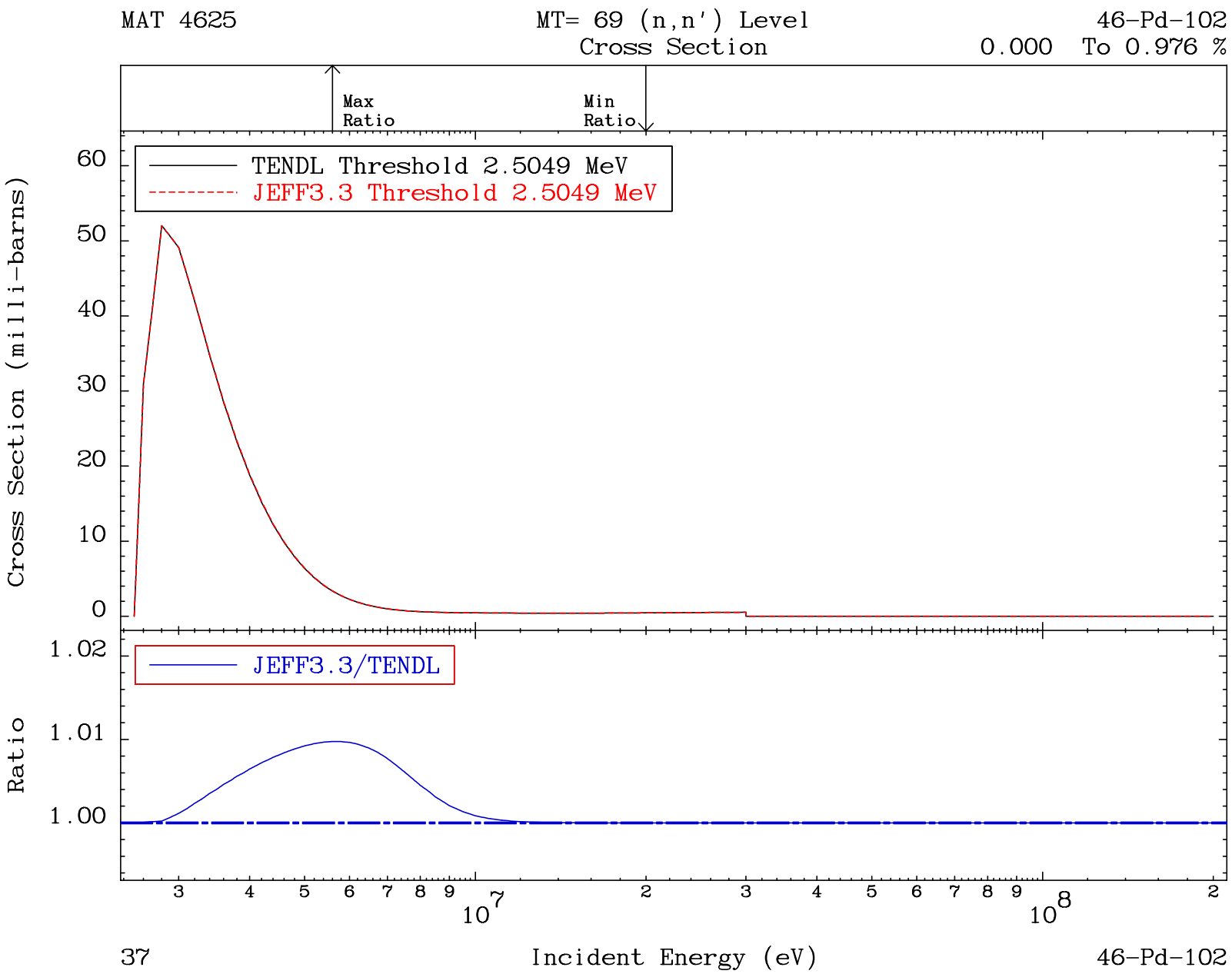

MAT 4625
MT= 64 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.974 %
Max Ratio
Min Ratio
TENDL Threshold 2.3241 MeV
JEFF3.3 Threshold 2.3241 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
32
Incident Energy (eV)
46-Pd-102

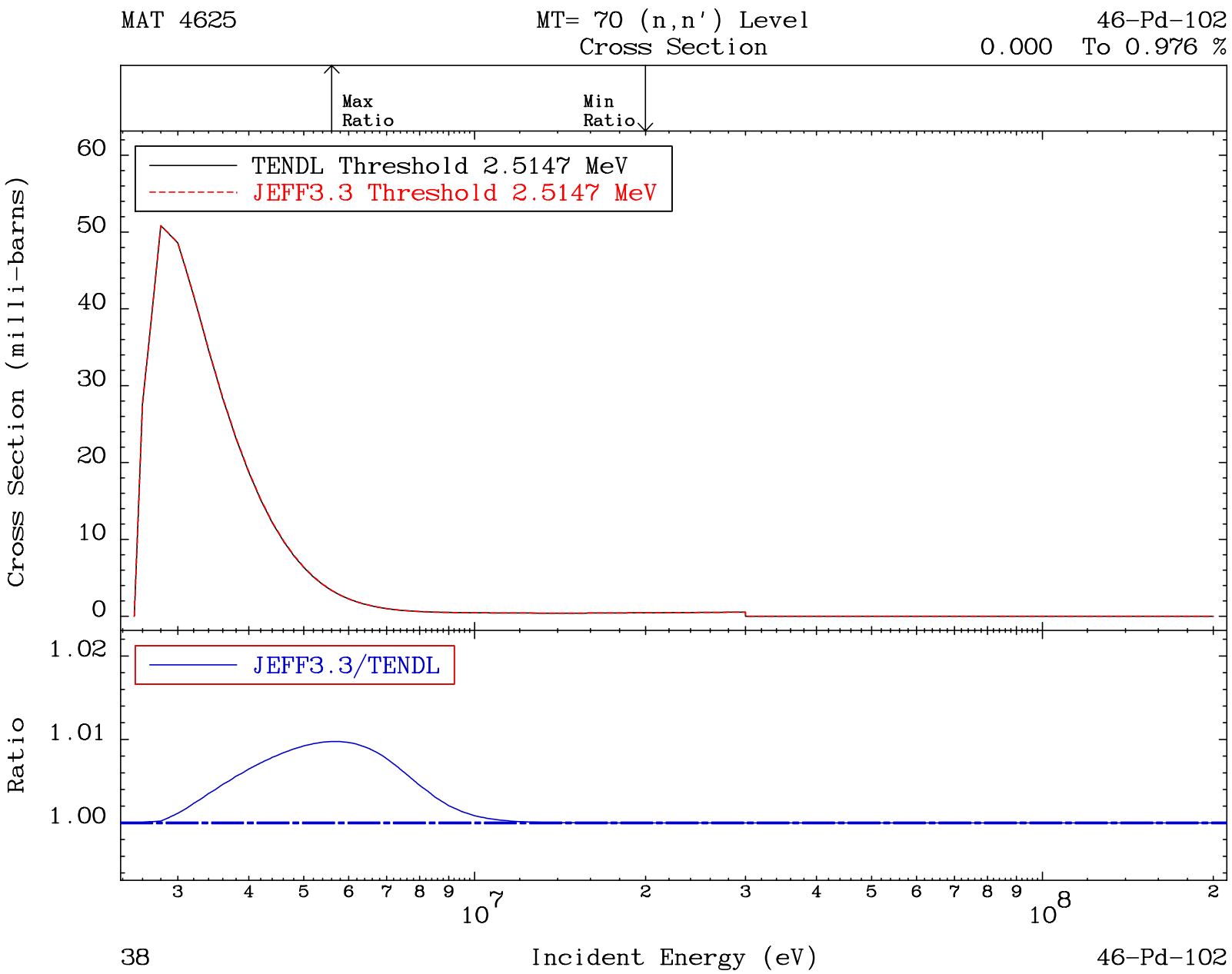

MAT 4625
MT= 65 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.437 %
Max Ratio
Min Ratio
TENDL Threshold 2.3661 MeV
JEFF3.3 Threshold 2.3661 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
33
Incident Energy (eV)
46-Pd-102

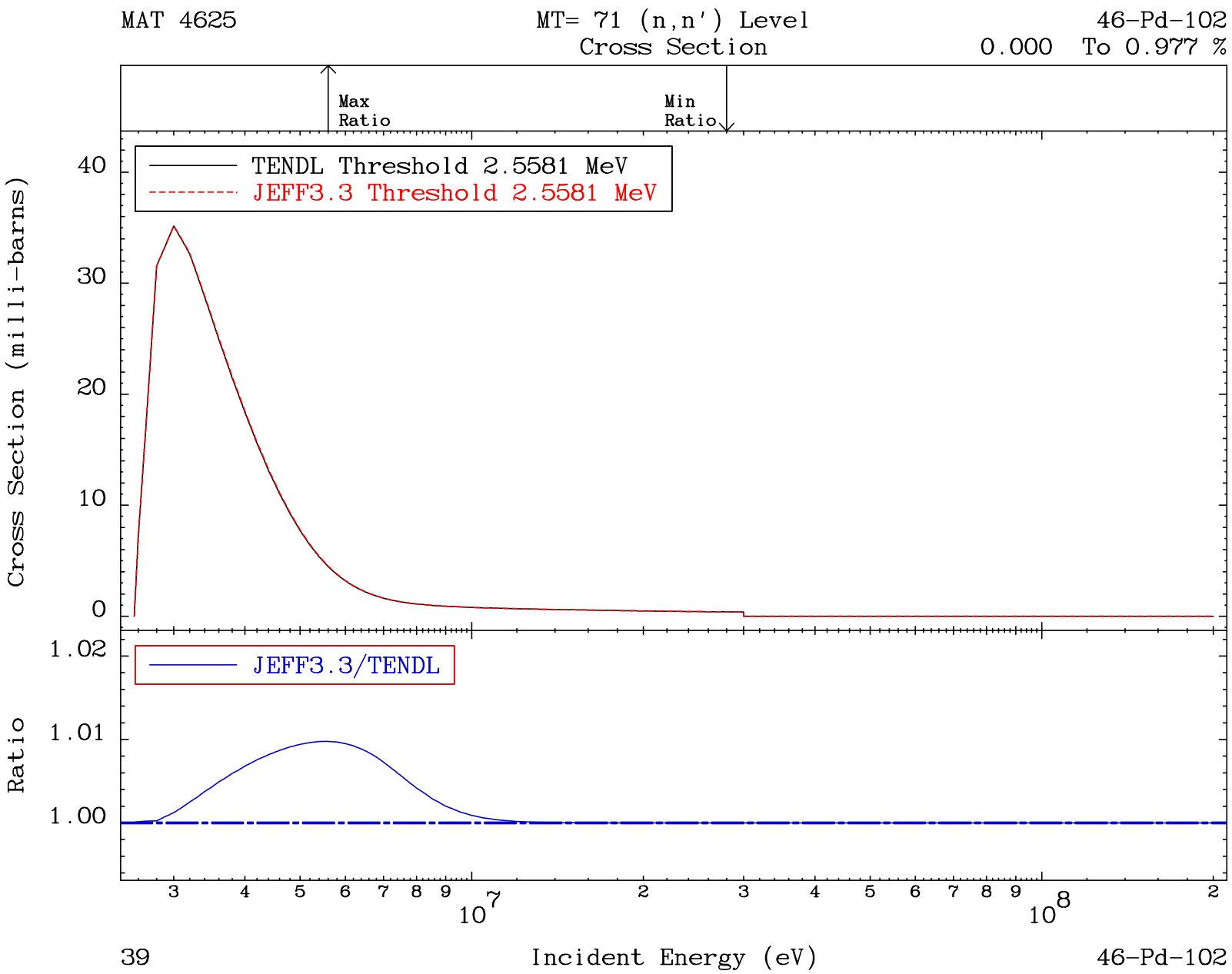

MAT 4625
MT= 66 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.966 %
Max Ratio
Min Ratio
TENDL Threshold 2.4149 MeV
JEFF3.3 Threshold 2.4149 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
34
Incident Energy (eV)
46-Pd-102

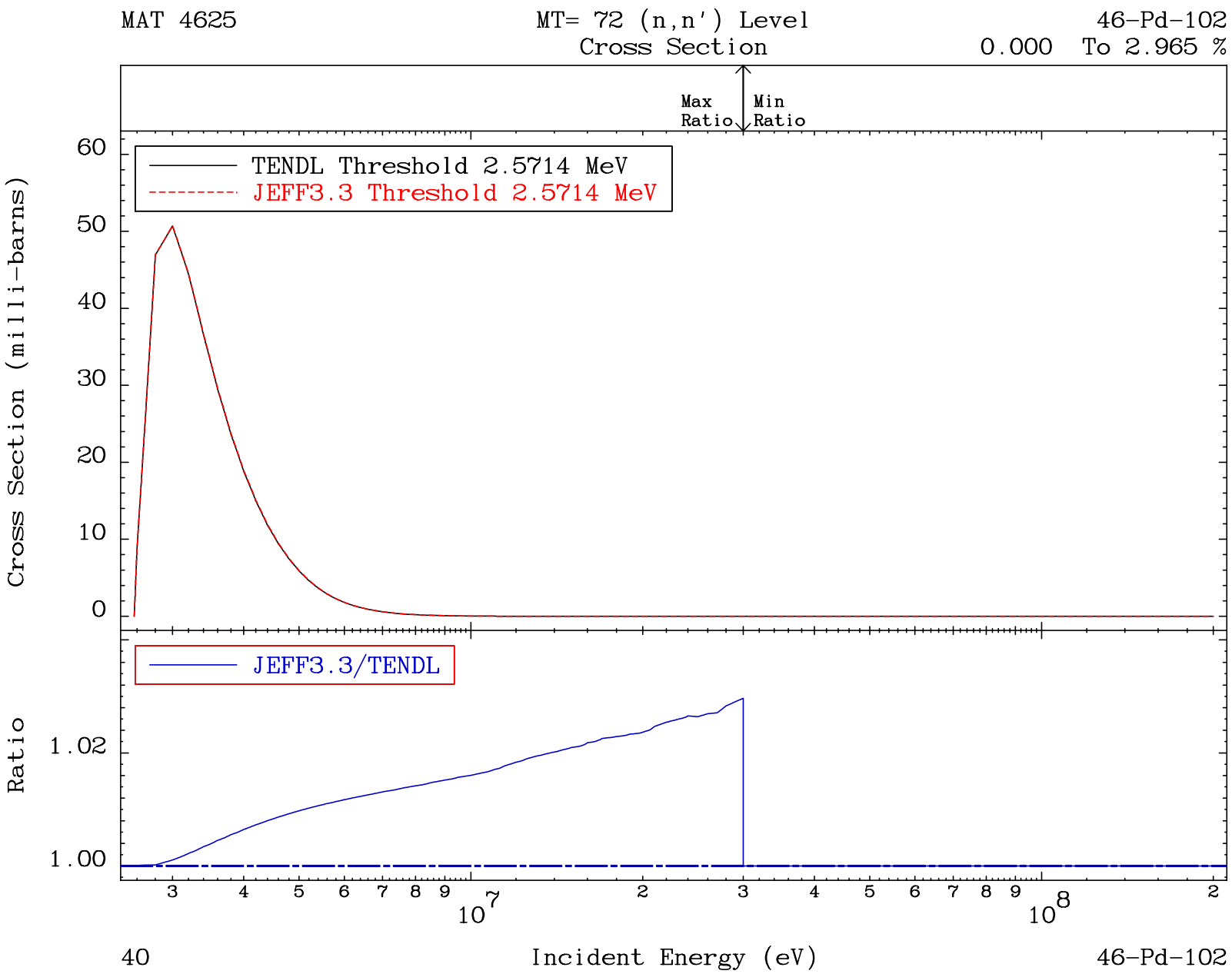

MAT 4625
MT= 67 (n,n') Level
Cross Section
46-Pd-102
0.000 To 1.018 %
Max Ratio
Min Ratio
TENDL Threshold 2.4556 MeV
JEFF3.3 Threshold 2.4556 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
35
Incident Energy (eV)
46-Pd-102

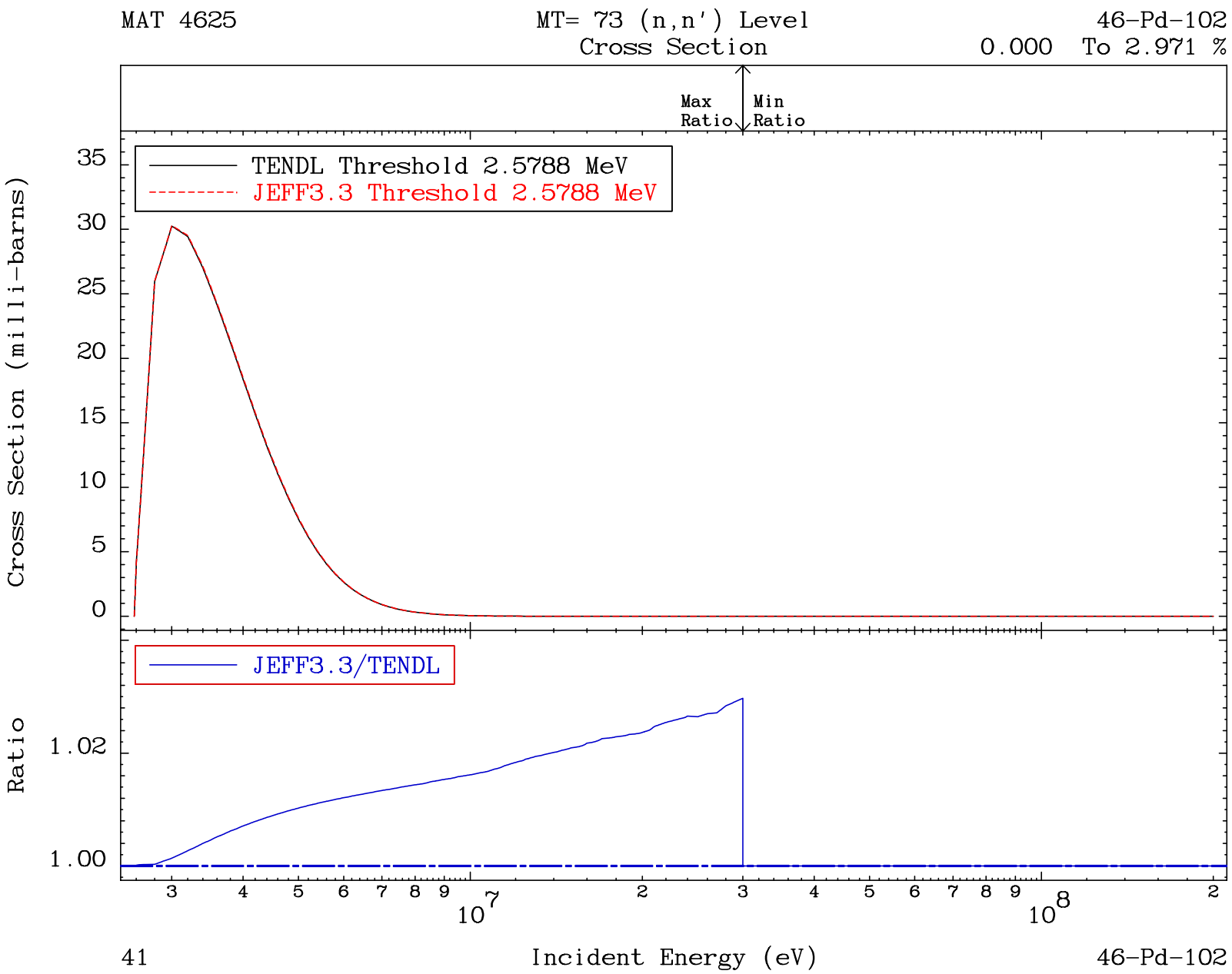

MAT 4625
MT= 68 (n,n') Level
Cross Section
46-Pd-102
0.000 To 1.049 %
Max Ratio
Min Ratio
TENDL Threshold 2.4988 MeV
JEFF3.3 Threshold 2.4988 MeV
Cross Section (milli-barns)
15
10
5
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
36
Incident Energy (eV)
46-Pd-102

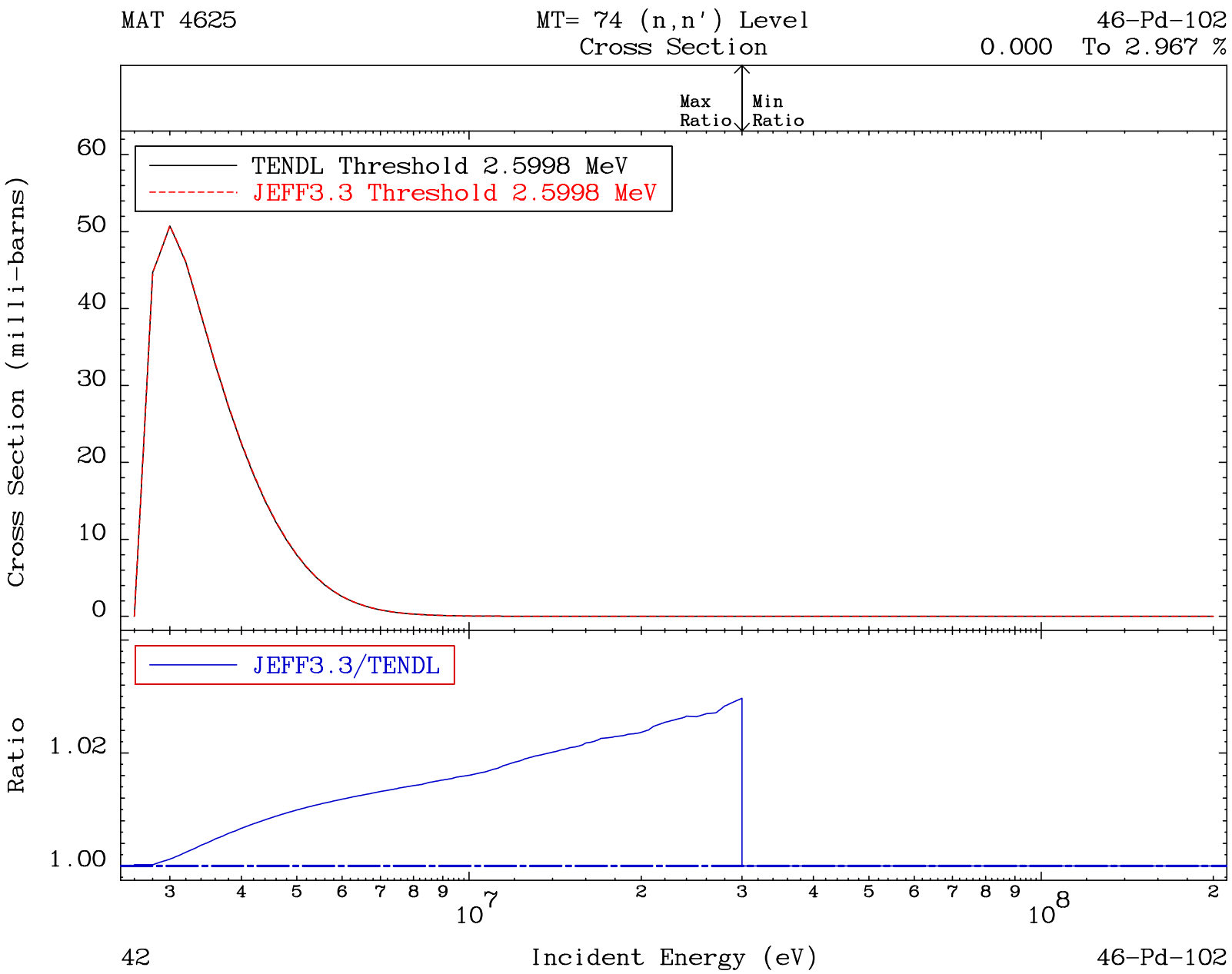

MAT 4625
MT= 69 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.976 %
Max Ratio
Min Ratio
TENDL Threshold 2.5049 MeV
JEFF3.3 Threshold 2.5049 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
37
Incident Energy (eV)
46-Pd-102

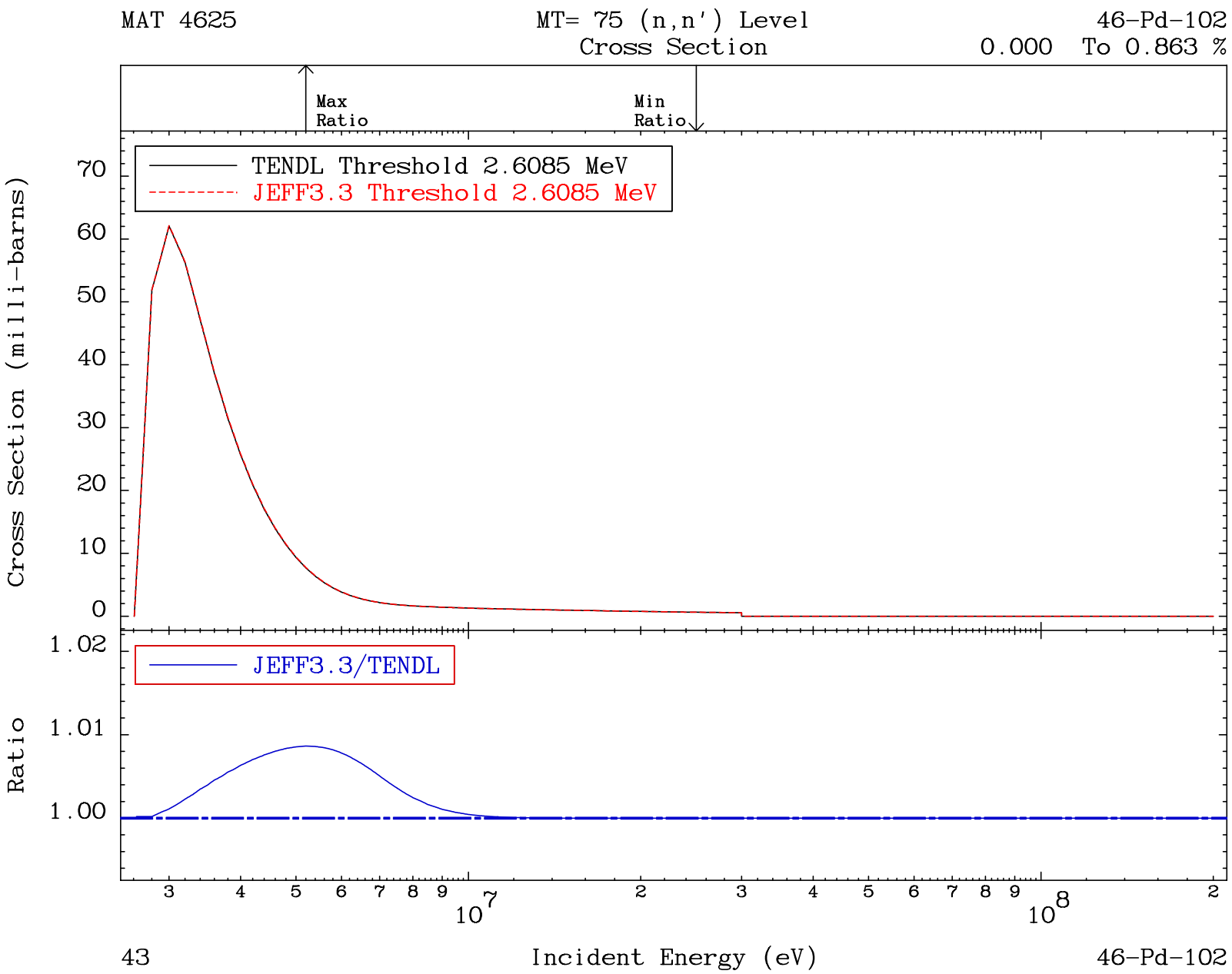

MAT 4625
MT= 70 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.976 %
Max Ratio
Min Ratio
TENDL Threshold 2.5147 MeV
JEFF3.3 Threshold 2.5147 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
38
Incident Energy (eV)
46-Pd-102

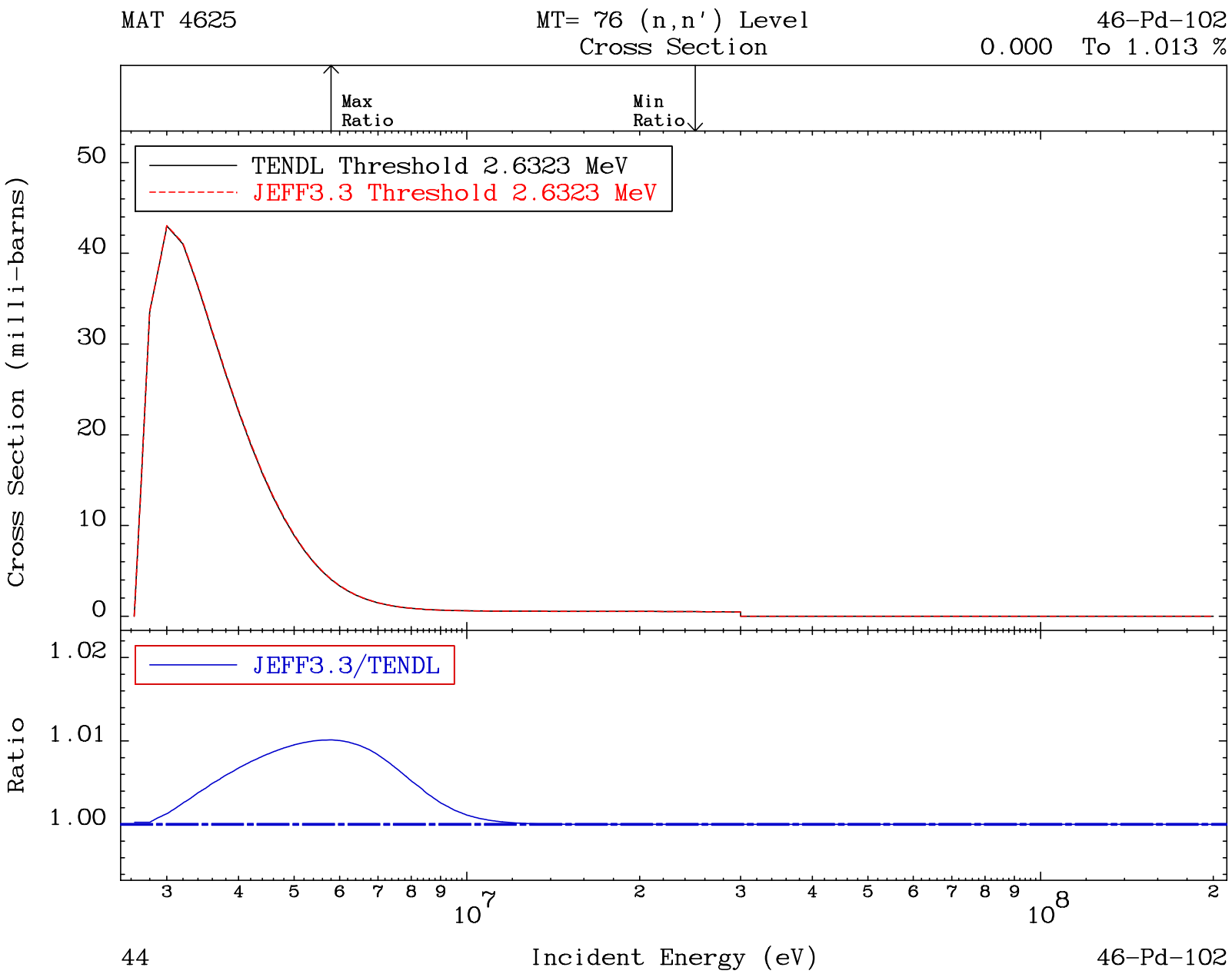

MAT 4625
MT= 71 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.977 %
Max Ratio
Min Ratio
TENDL Threshold 2.5581 MeV
JEFF3.3 Threshold 2.5581 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
39
Incident Energy (eV)
46-Pd-102

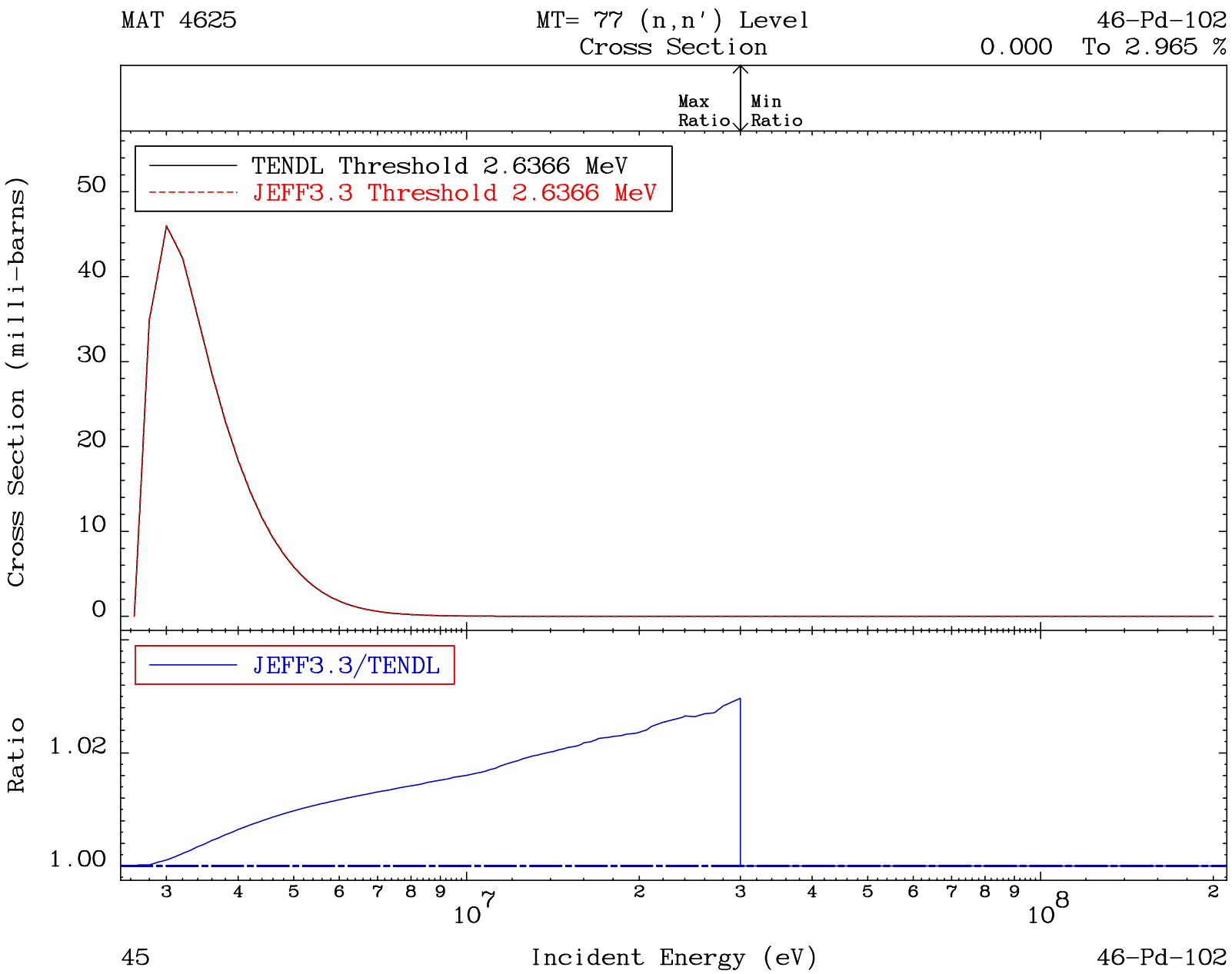

MAT 4625
MT= 72 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.965 %
Max Ratio
Min Ratio
TENDL Threshold 2.5714 MeV
JEFF3.3 Threshold 2.5714 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
40
Incident Energy (eV)
46-Pd-102

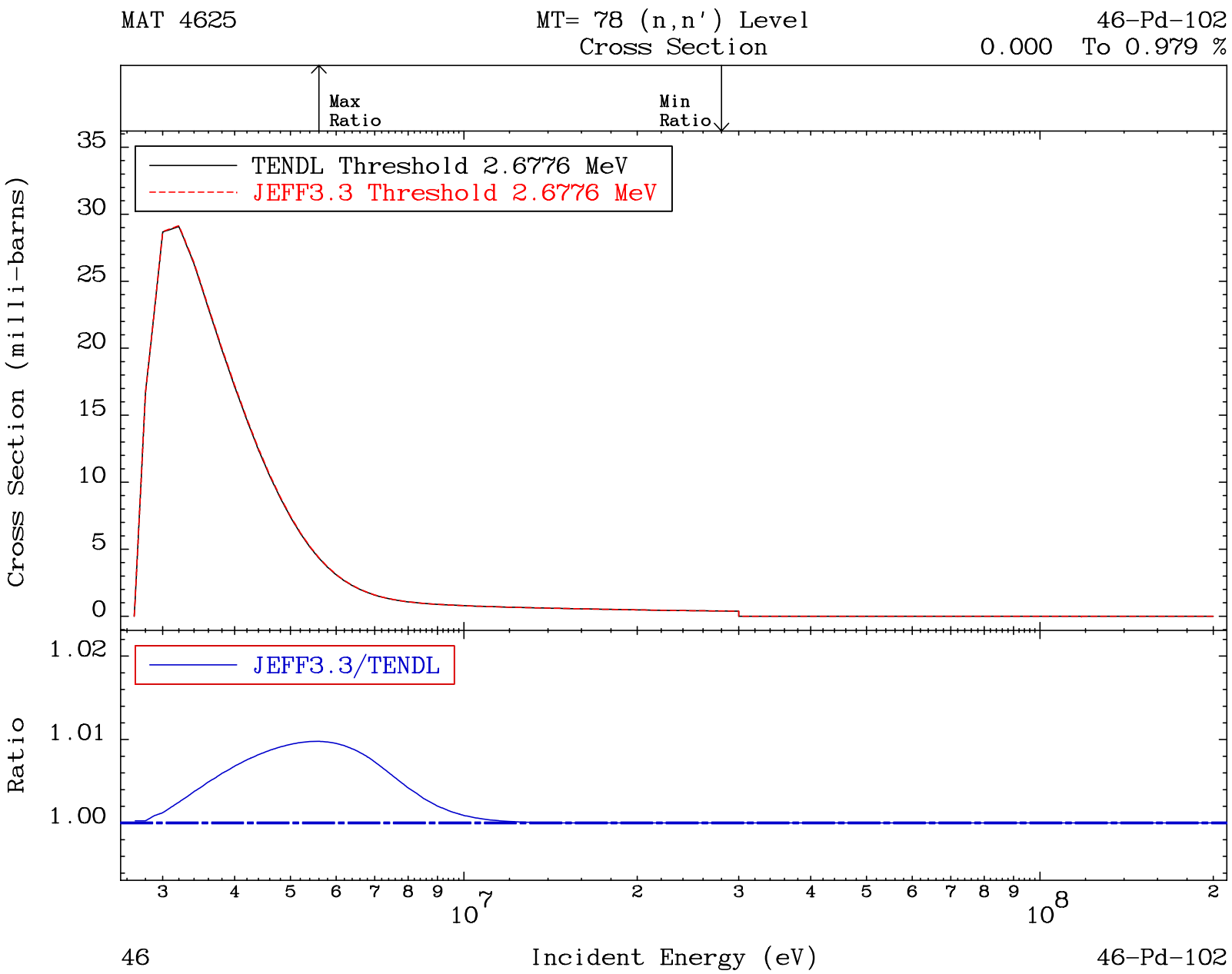

MAT 4625
MT= 73 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.971 %
Max Ratio
Min Ratio
TENDL Threshold 2.5788 MeV
JEFF3.3 Threshold 2.5788 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
41
Incident Energy (eV)
46-Pd-102

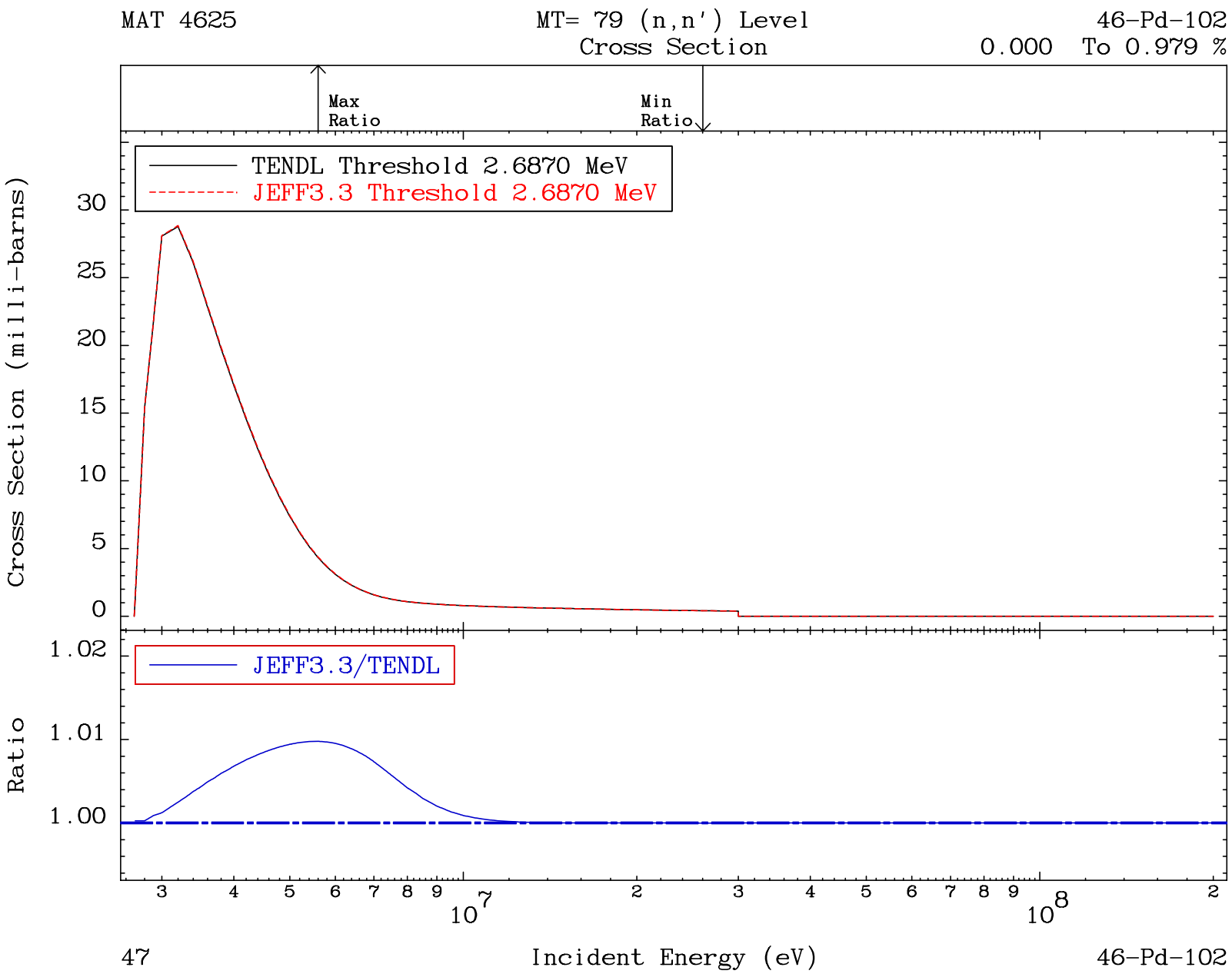

MAT 4625
MT= 74 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.967 %
Max Ratio
Min Ratio
TENDL Threshold 2.5998 MeV
JEFF3.3 Threshold 2.5998 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
42
Incident Energy (eV)
46-Pd-102

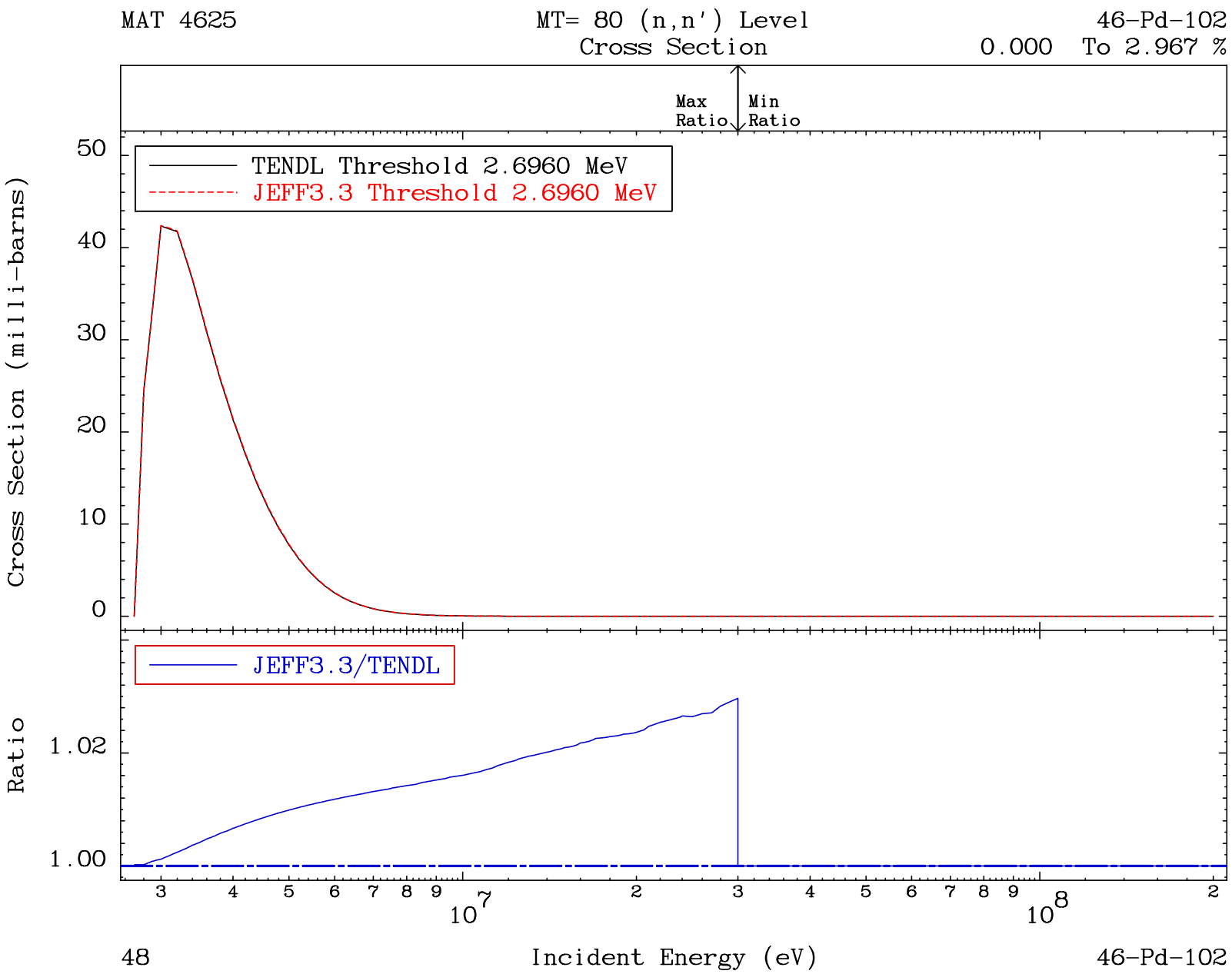

MAT 4625
MT= 75 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.863 %
Max Ratio
Min Ratio
TENDL Threshold 2.6085 MeV
JEFF3.3 Threshold 2.6085 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
43
Incident Energy (eV)
46-Pd-102

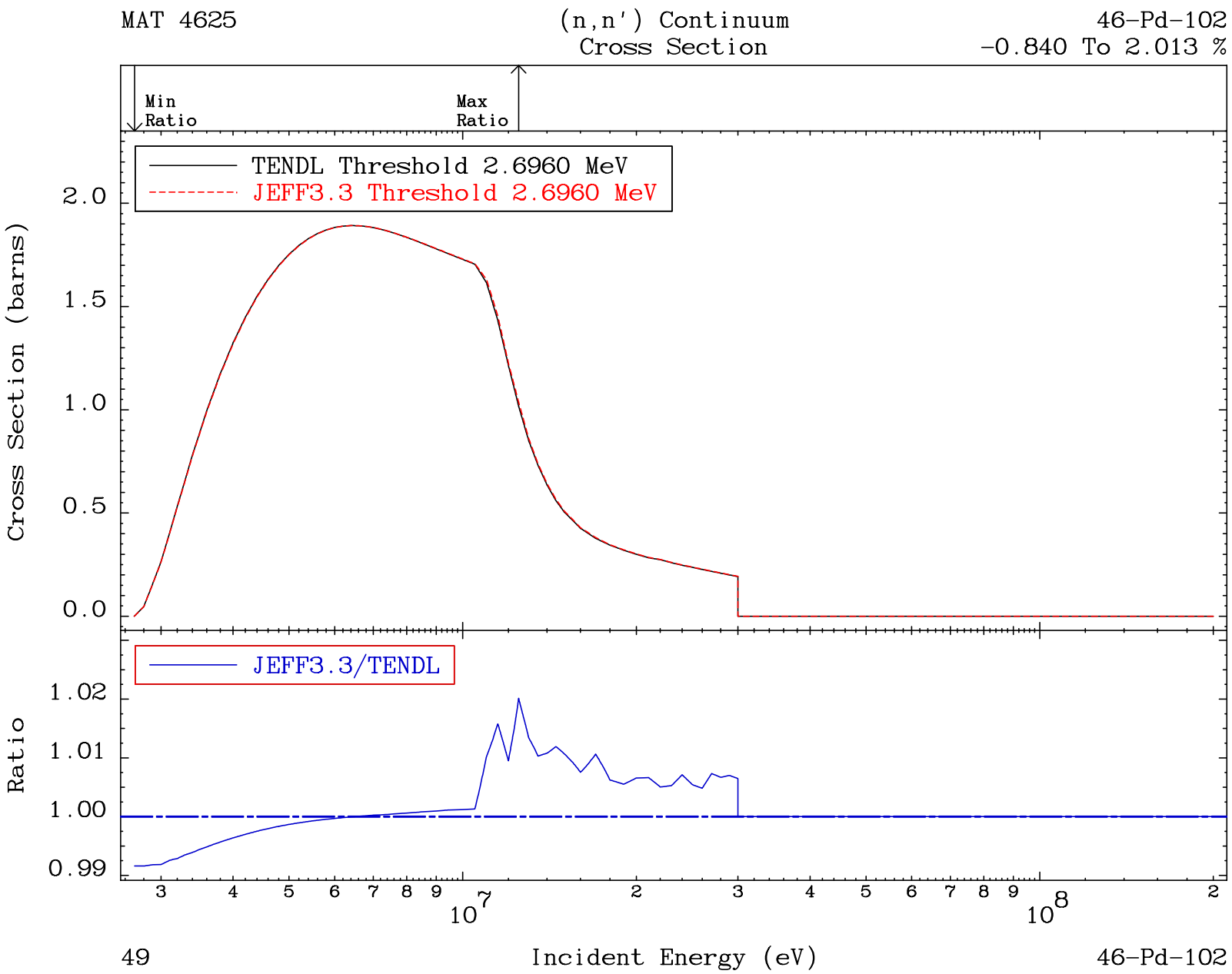

MAT 4625
MT= 76 (n,n') Level
Cross Section
46-Pd-102
0.000 To 1.013 %
Max Ratio
Min Ratio
TENDL Threshold 2.6323 MeV
JEFF3.3 Threshold 2.6323 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
44
Incident Energy (eV)
46-Pd-102

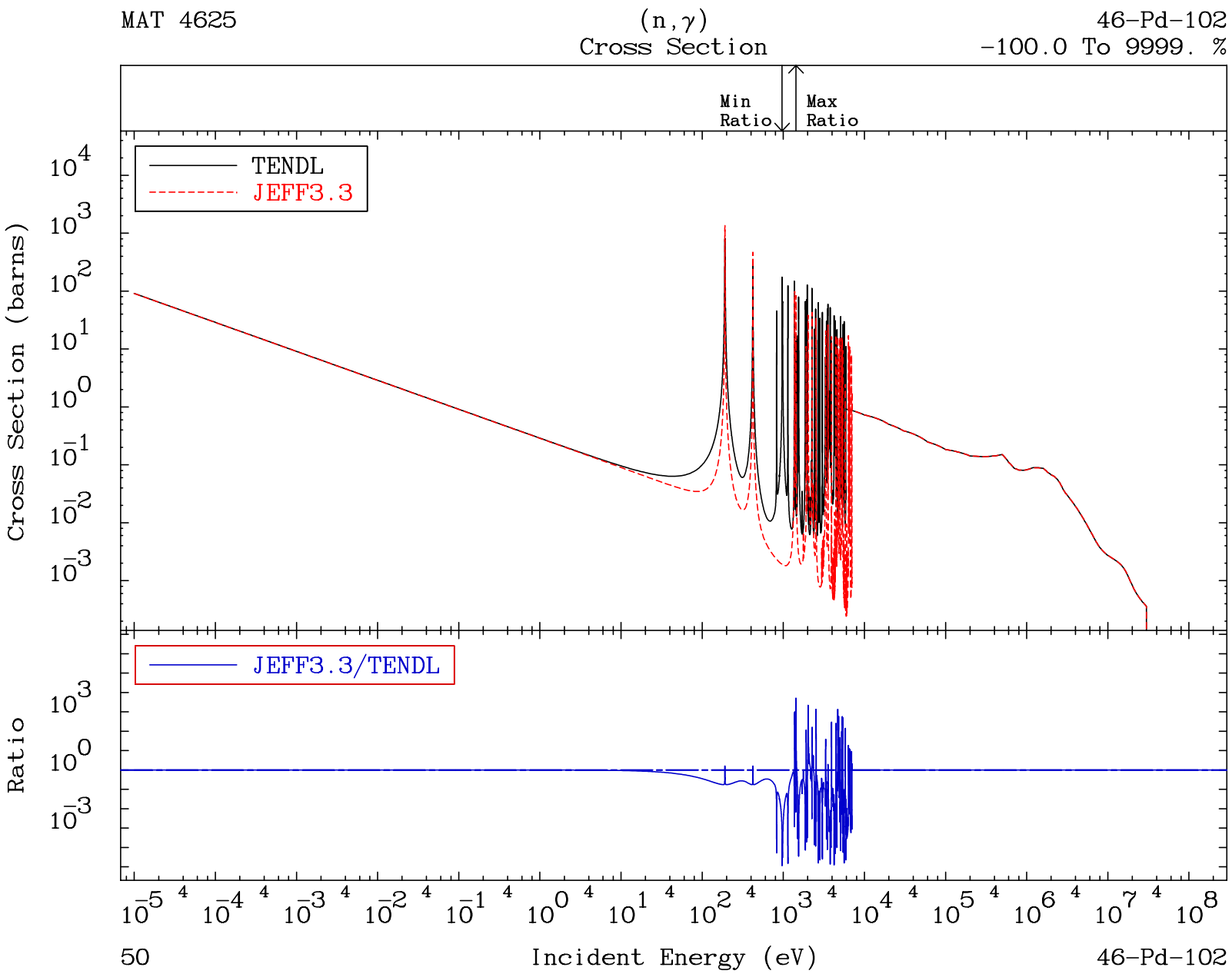

MAT 4625
MT= 77 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.965 %
Max Ratio
Min Ratio
TENDL Threshold 2.6366 MeV
JEFF3.3 Threshold 2.6366 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
45
Incident Energy (eV)
46-Pd-102

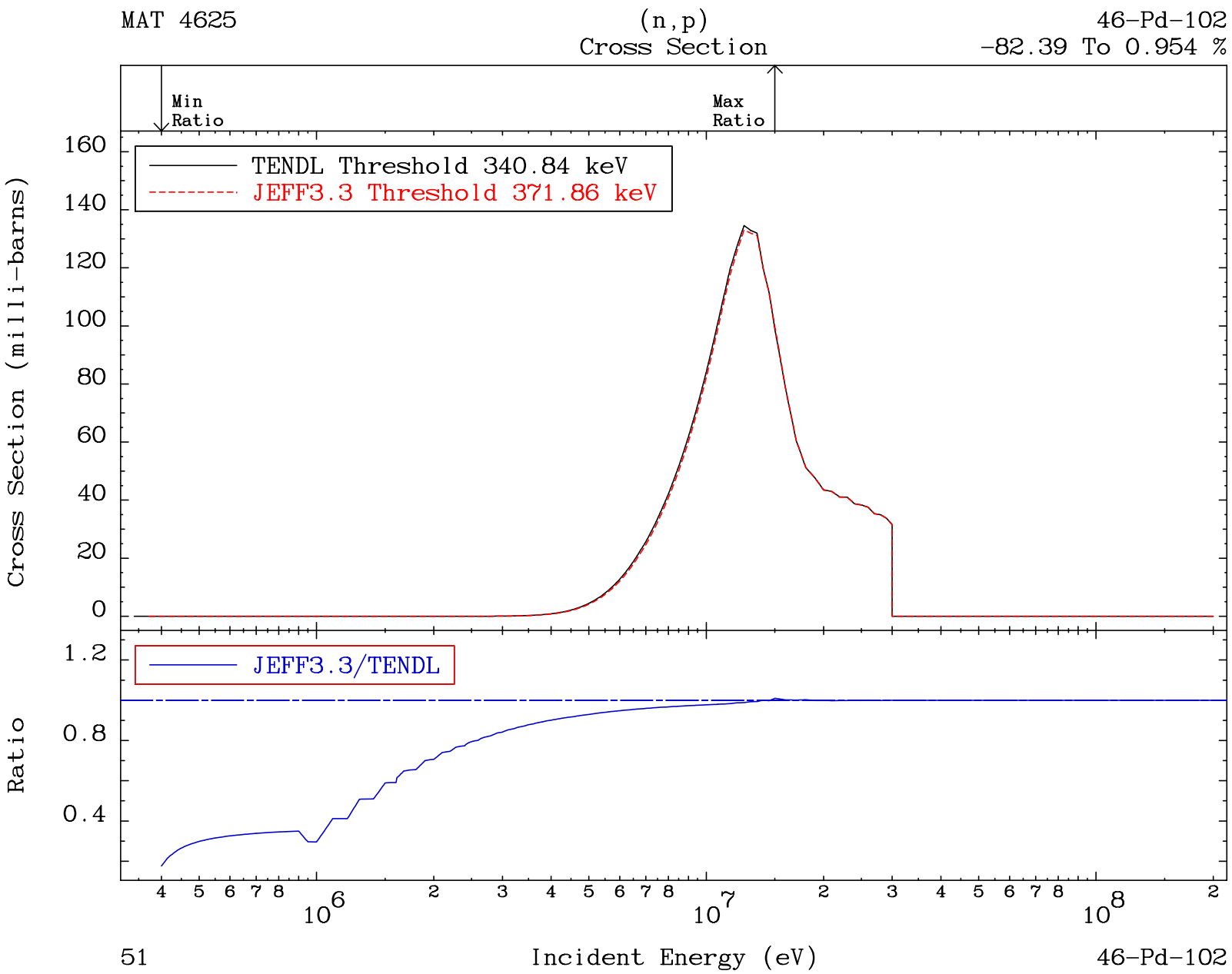

MAT 4625
MT= 78 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.979 %
Max Ratio
Min Ratio
TENDL Threshold 2.6776 MeV
JEFF3.3 Threshold 2.6776 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
46
Incident Energy (eV)
46-Pd-102

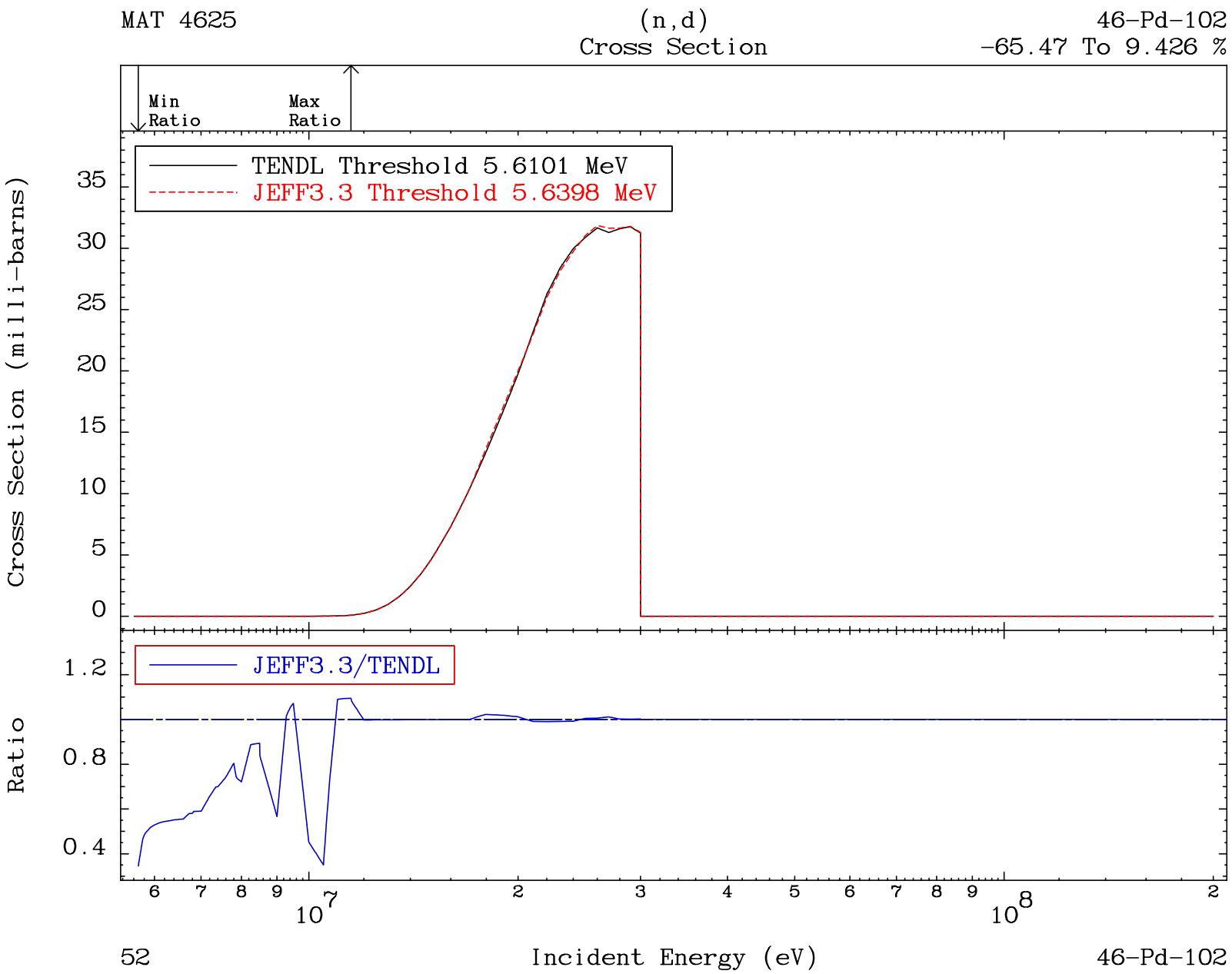

MAT 4625
MT= 79 (n,n') Level
Cross Section
46-Pd-102
0.000 To 0.979 %
Max Ratio
Min Ratio
TENDL Threshold 2.6870 MeV
JEFF3.3 Threshold 2.6870 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
47
Incident Energy (eV)
46-Pd-102

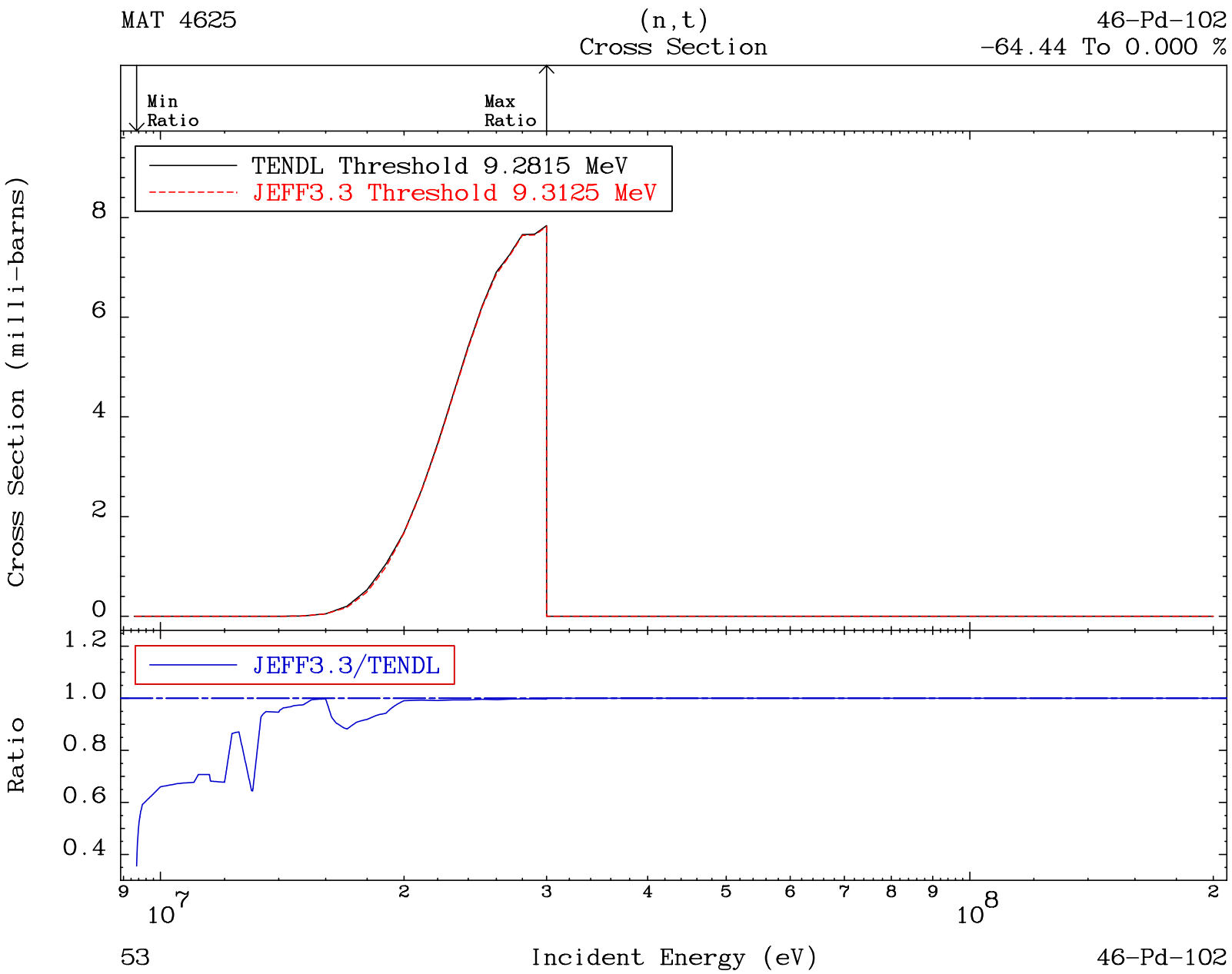

MAT 4625
MT= 80 (n,n') Level
Cross Section
46-Pd-102
0.000 To 2.967 %
Max Ratio
Min Ratio
TENDL Threshold 2.6960 MeV
JEFF3.3 Threshold 2.6960 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.02
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
48
Incident Energy (eV)
46-Pd-102

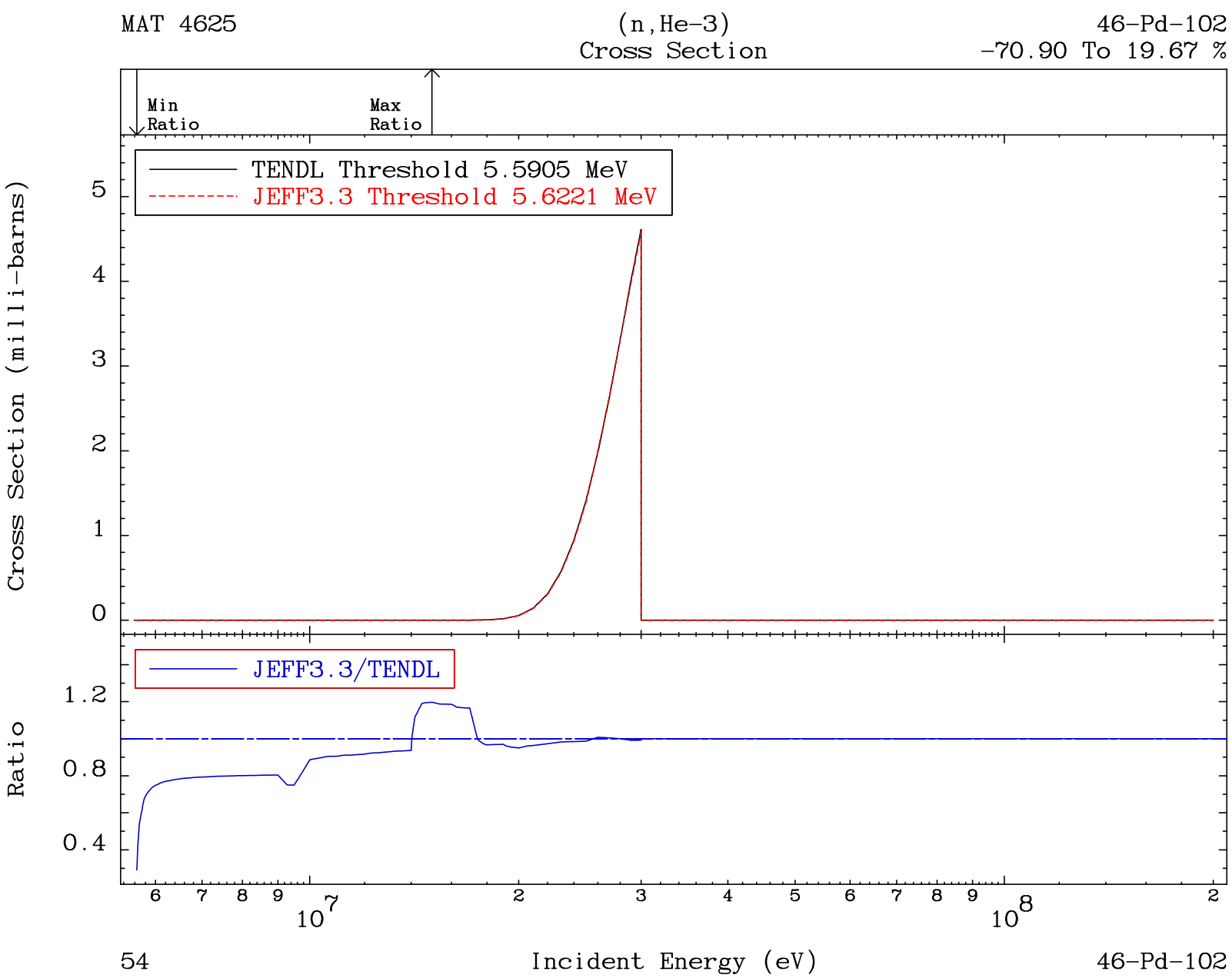

MAT 4625
(n,n') Continuum
Cross Section
46-Pd-102
-0.840 To 2.013 %
Min Ratio
Max Ratio
TENDL Threshold 2.6960 MeV
JEFF3.3 Threshold 2.6960 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.02
1.01
1.00
0.99
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
49
Incident Energy (eV)
46-Pd-102

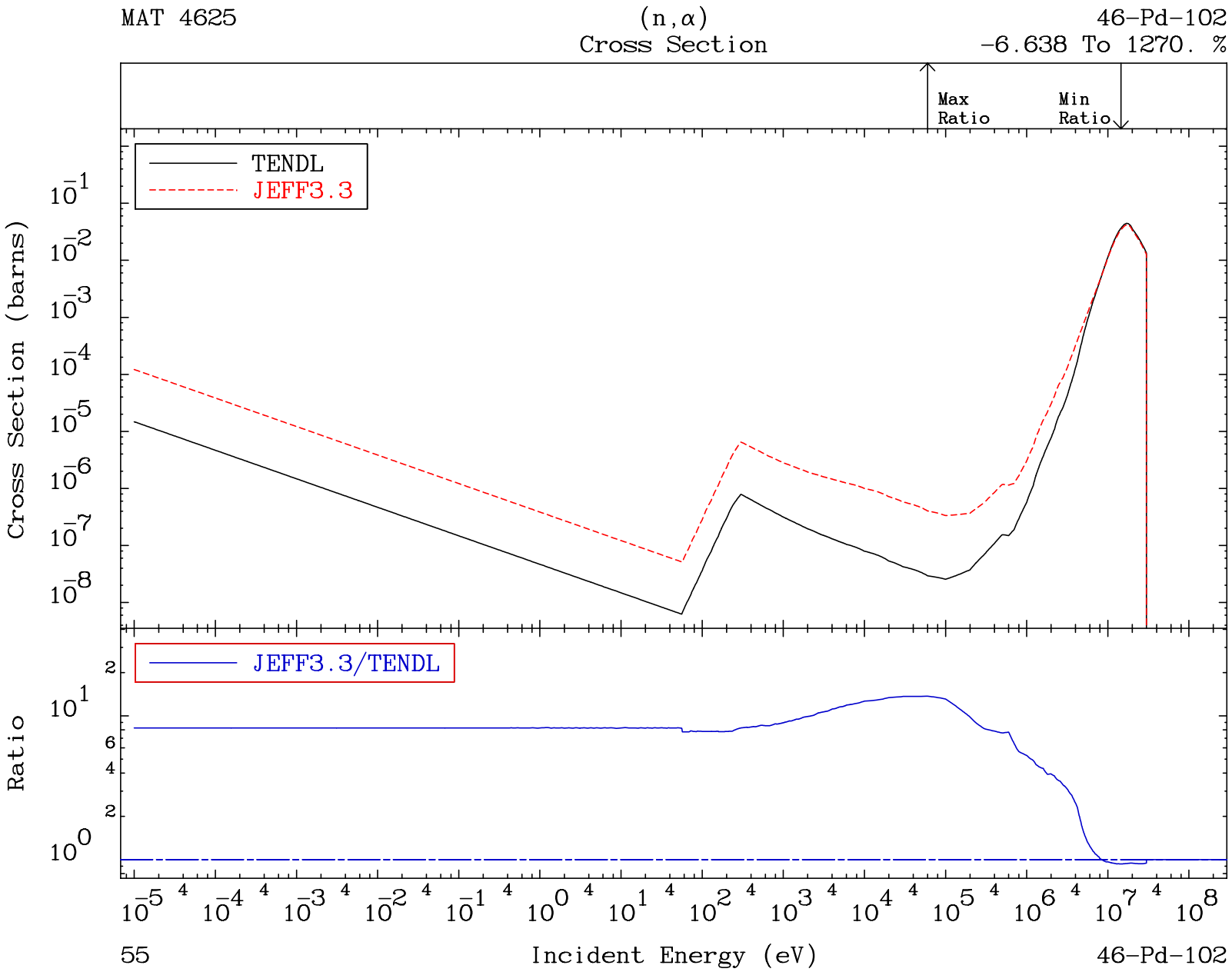

MAT 4625
(n,γ)
Cross Section
46-Pd-102
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
50
46-Pd-102

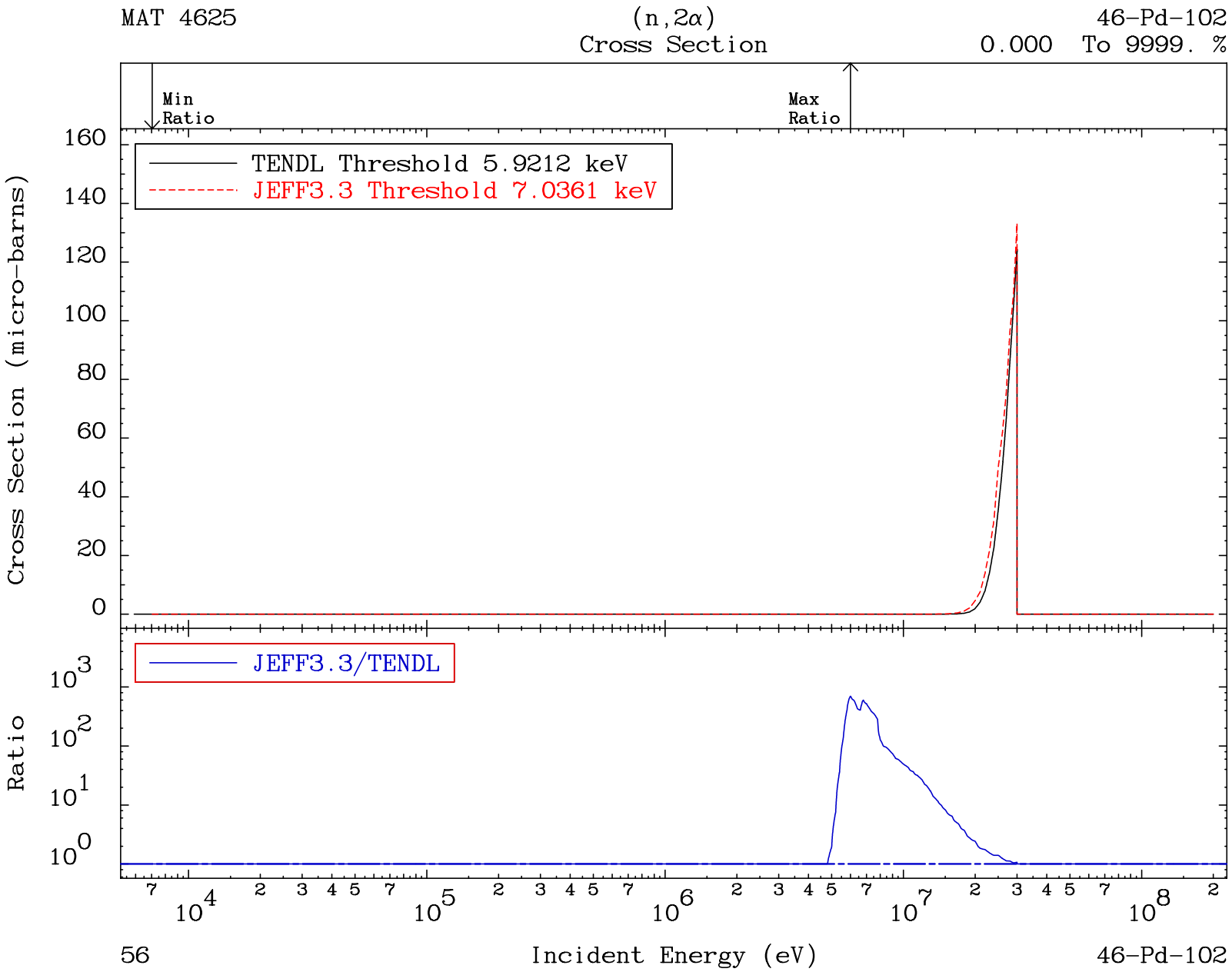

MAT 4625
(n,p)
Cross Section
46-Pd-102
-82.39 To 0.954 %
Min Ratio
Max Ratio
TENDL Threshold 340.84 keV
JEFF3.3 Threshold 371.86 keV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
51
Incident Energy (eV)
46-Pd-102

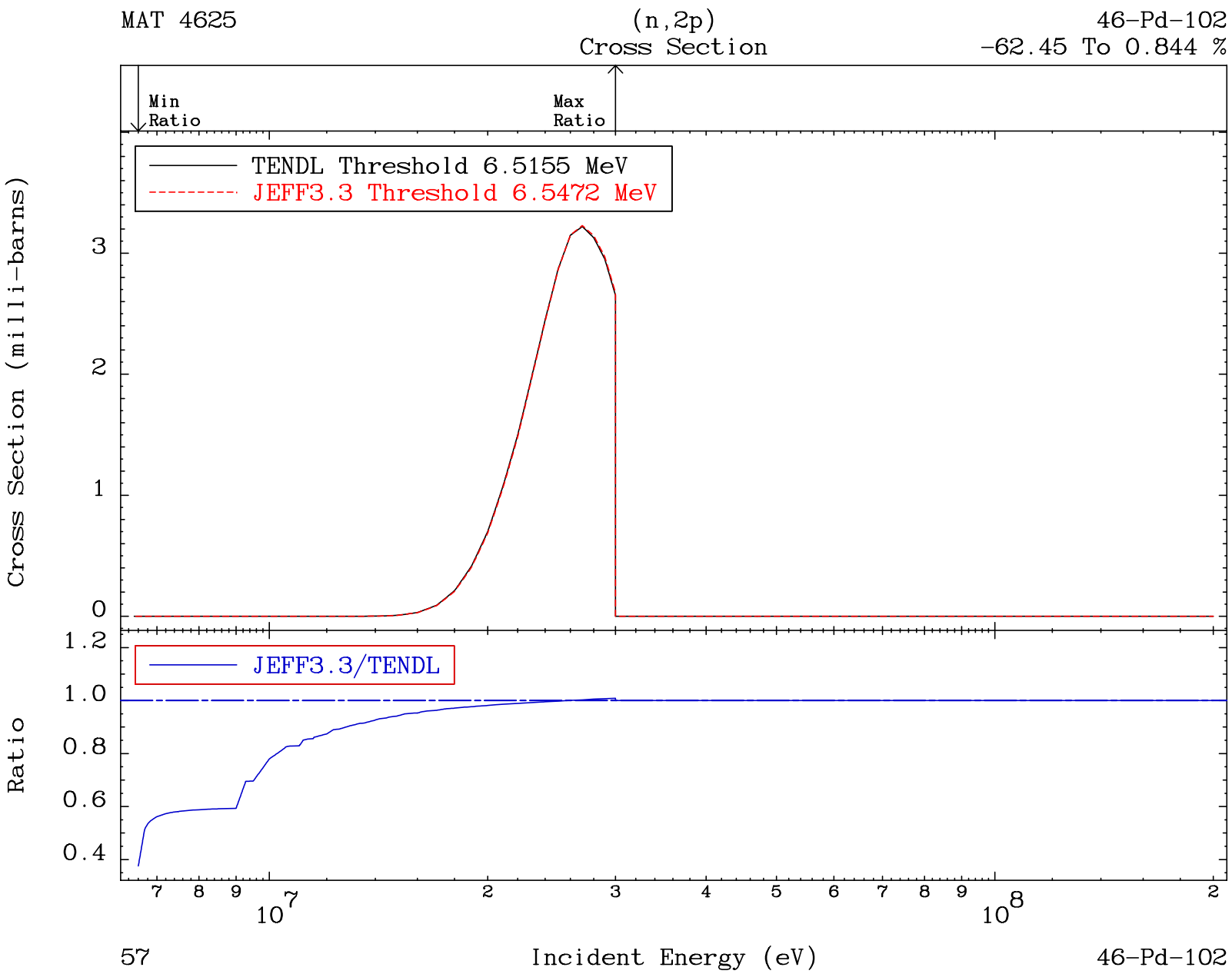

MAT 4625
(n,d)
Cross Section
46-Pd-102
-65.47 To 9.426 %
Min Ratio
Max Ratio
TENDL Threshold 5.6101 MeV
JEFF3.3 Threshold 5.6398 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
52
Incident Energy (eV)
46-Pd-102

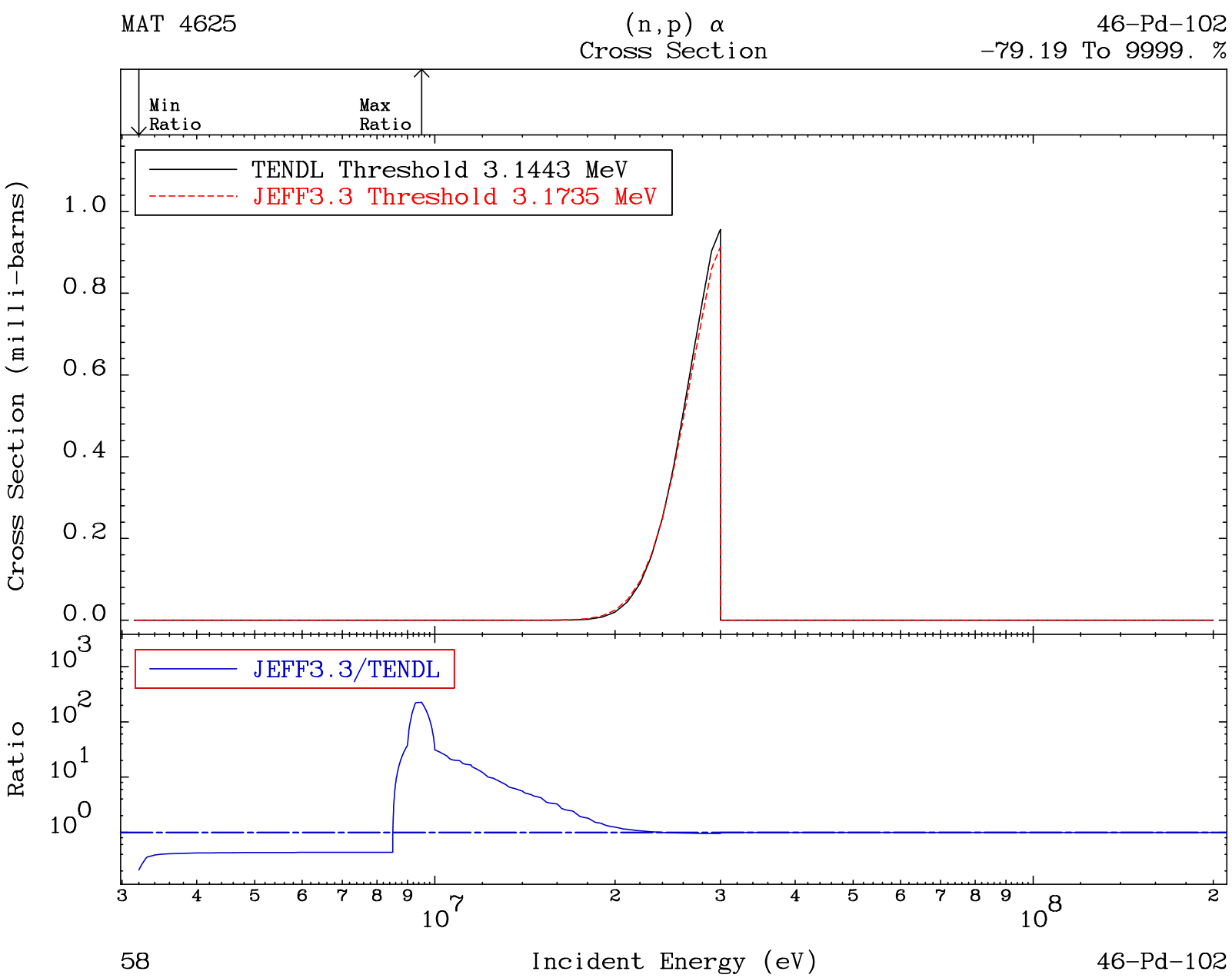

MAT 4625
(n,t)
Cross Section
46-Pd-102
-64.44 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 9.2815 MeV
JEFF3.3 Threshold 9.3125 MeV
Cross Section (milli-barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
0.4
0.6
0.8
1.0
1.2
9
10^7
2
3
4
5
6
7
8
9
10^8
2
53
Incident Energy (eV)
46-Pd-102

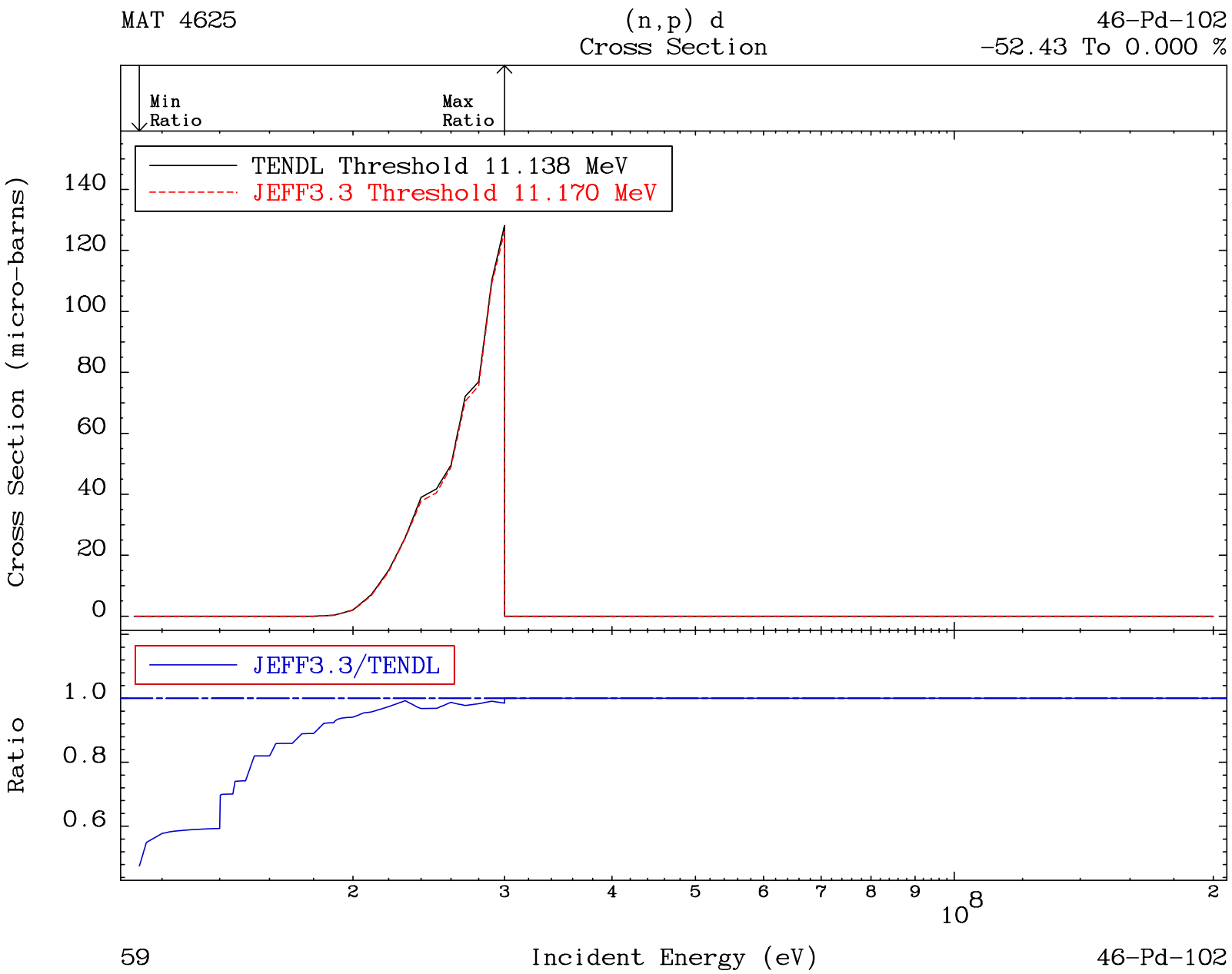

MAT 4625
(n,He-3)
Cross Section
46-Pd-102
-70.90 To 19.67 %
Min Ratio
Max Ratio
TENDL Threshold 5.5905 MeV
JEFF3.3 Threshold 5.6221 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
JEFF3.3/TENDL
Ratio
0.4
0.8
1.2
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
54
Incident Energy (eV)
46-Pd-102

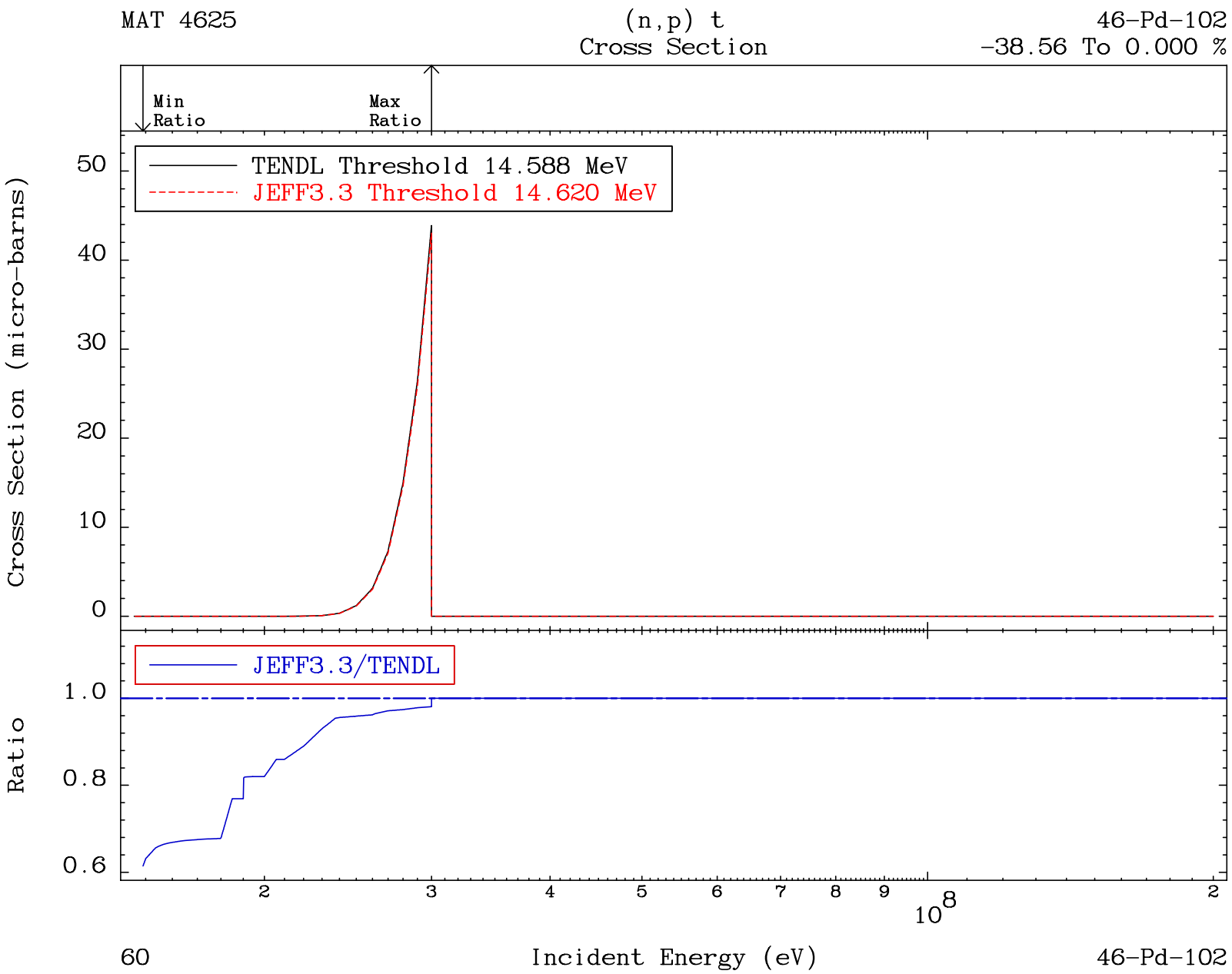

MAT 4625
(n,α)
Cross Section
46-Pd-102
-6.638 To 1270. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
55
46-Pd-102

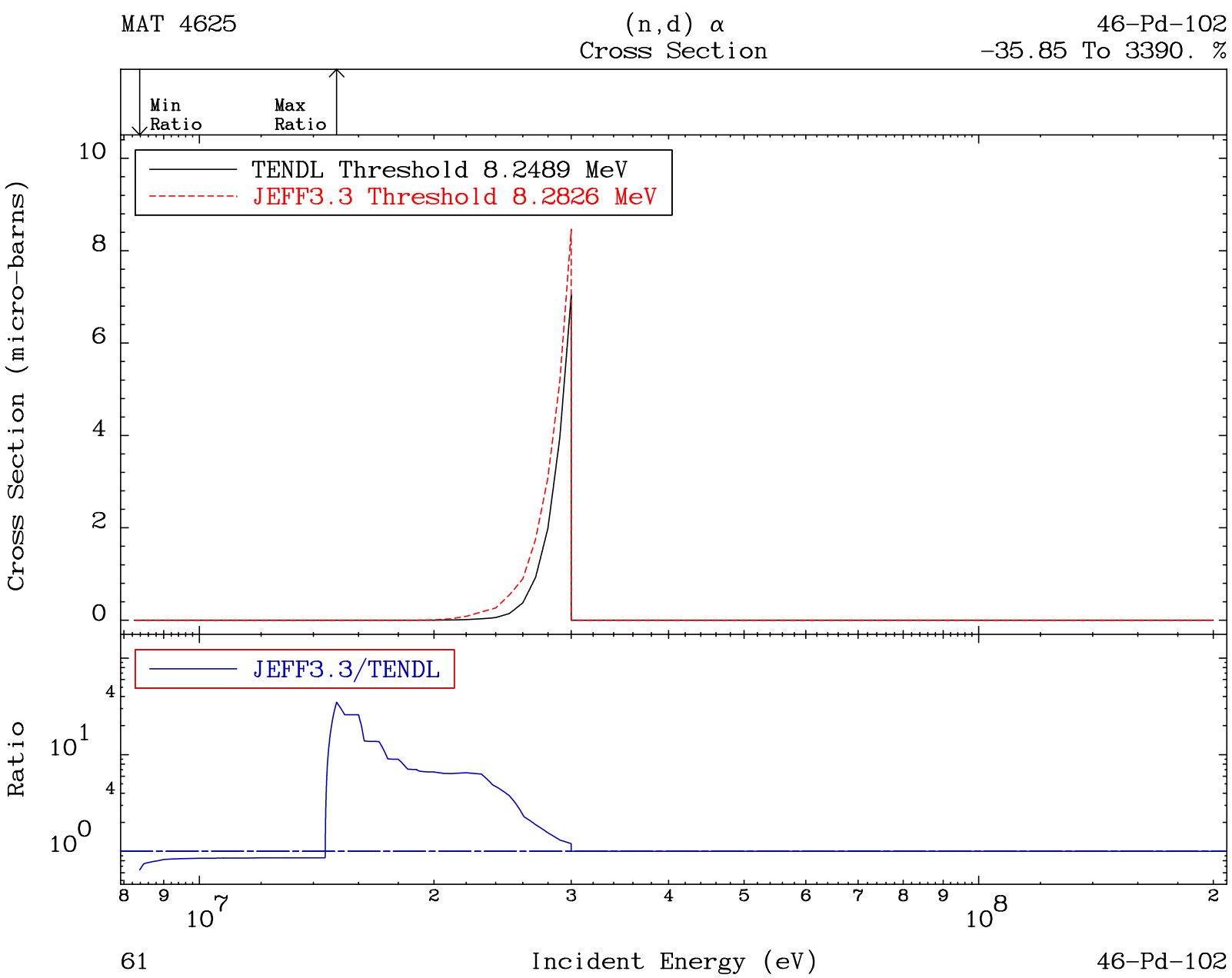

MAT 4625
(n,2α)
Cross Section
46-Pd-102
0.000 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 5.9212 keV
JEFF3.3 Threshold 7.0361 keV
Cross Section (micro-barns)
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^3
10^2
10^1
10^0
7 2 3 4 5 7 10^4 2 3 4 5 7 10^5 2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
56
Incident Energy (eV)
46-Pd-102

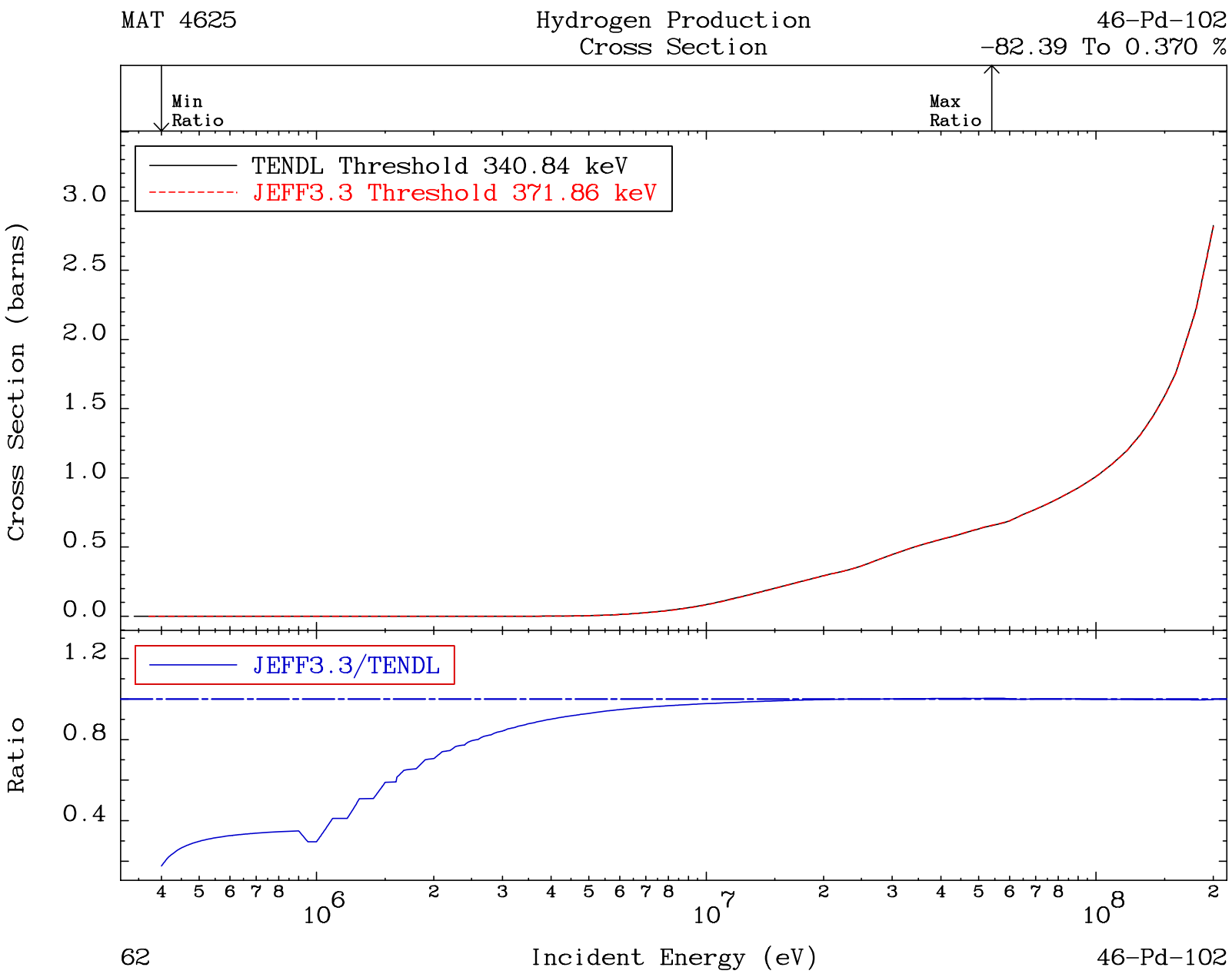

MAT 4625
(n,2p)
Cross Section
46-Pd-102
-62.45 To 0.844 %
Min Ratio
Max Ratio
TENDL Threshold 6.5155 MeV
JEFF3.3 Threshold 6.5472 MeV
Cross Section (milli-barns)
0
1
2
3
JEFF3.3/TENDL
Ratio
0.4
0.6
0.8
1.0
1.2
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
57
Incident Energy (eV)
46-Pd-102

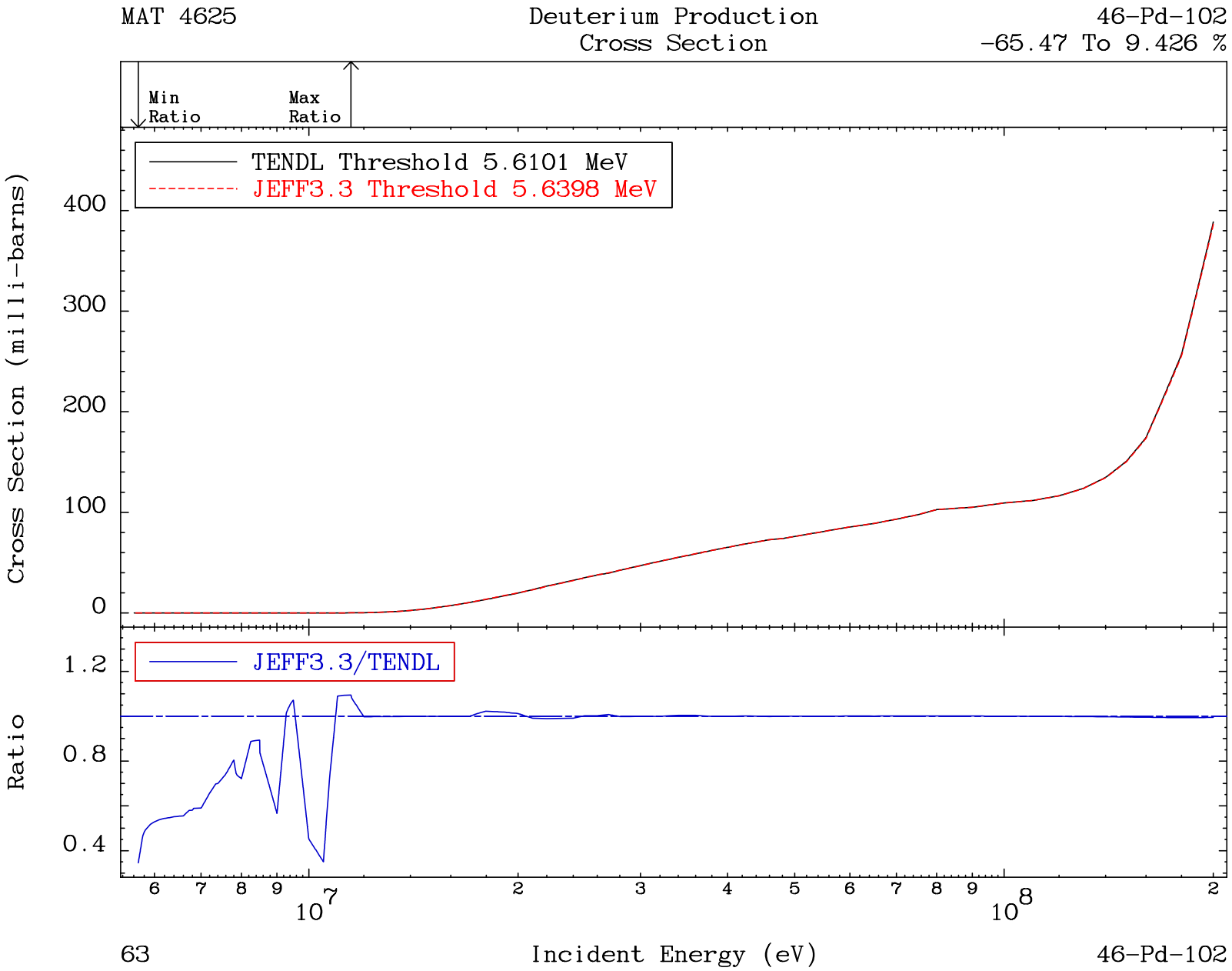

MAT 4625
(n,p) α
Cross Section
46-Pd-102
-79.19 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 3.1443 MeV
JEFF3.3 Threshold 3.1735 MeV
Cross Section (milli-barns)
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
10^3
10^2
10^1
10^0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
58
Incident Energy (eV)
46-Pd-102

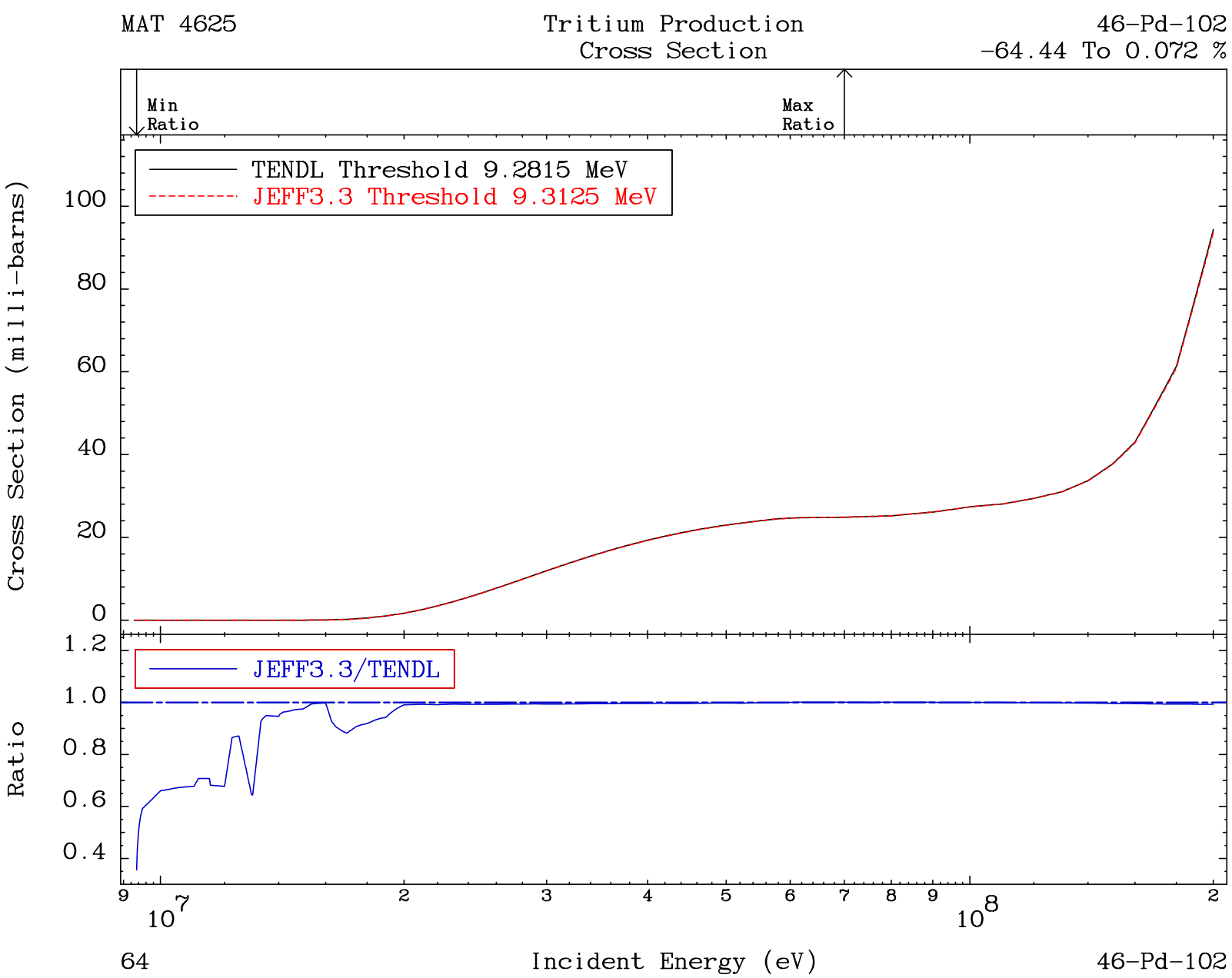

MAT 4625
(n,p) d
Cross Section
46-Pd-102
-52.43 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 11.138 MeV
JEFF3.3 Threshold 11.170 MeV
Cross Section (micro-barns)
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
59
Incident Energy (eV)
46-Pd-102

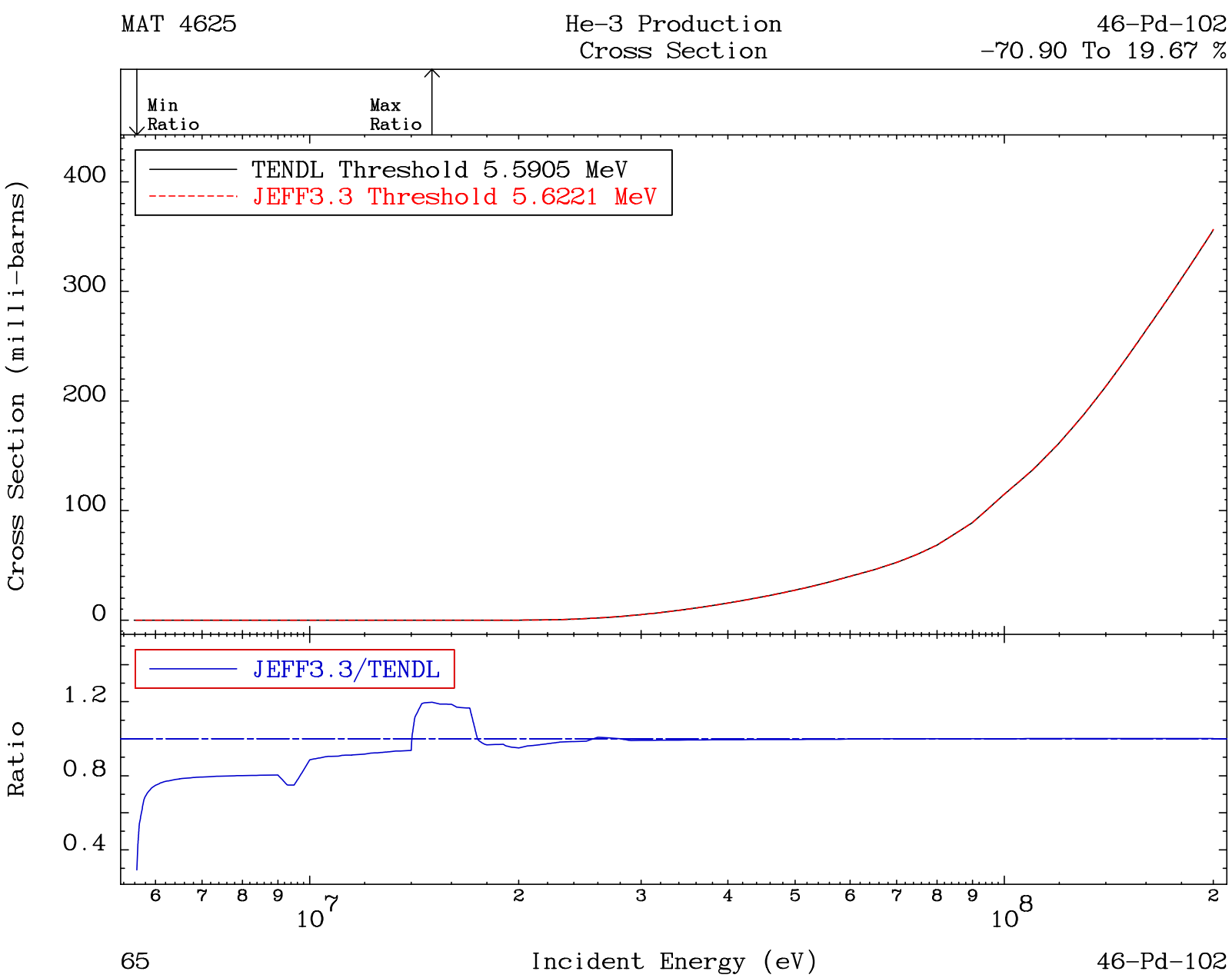

MAT 4625
(n,p) t
Cross Section
46-Pd-102
-38.56 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 14.588 MeV
JEFF3.3 Threshold 14.620 MeV
Cross Section (micro-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
60
Incident Energy (eV)
46-Pd-102

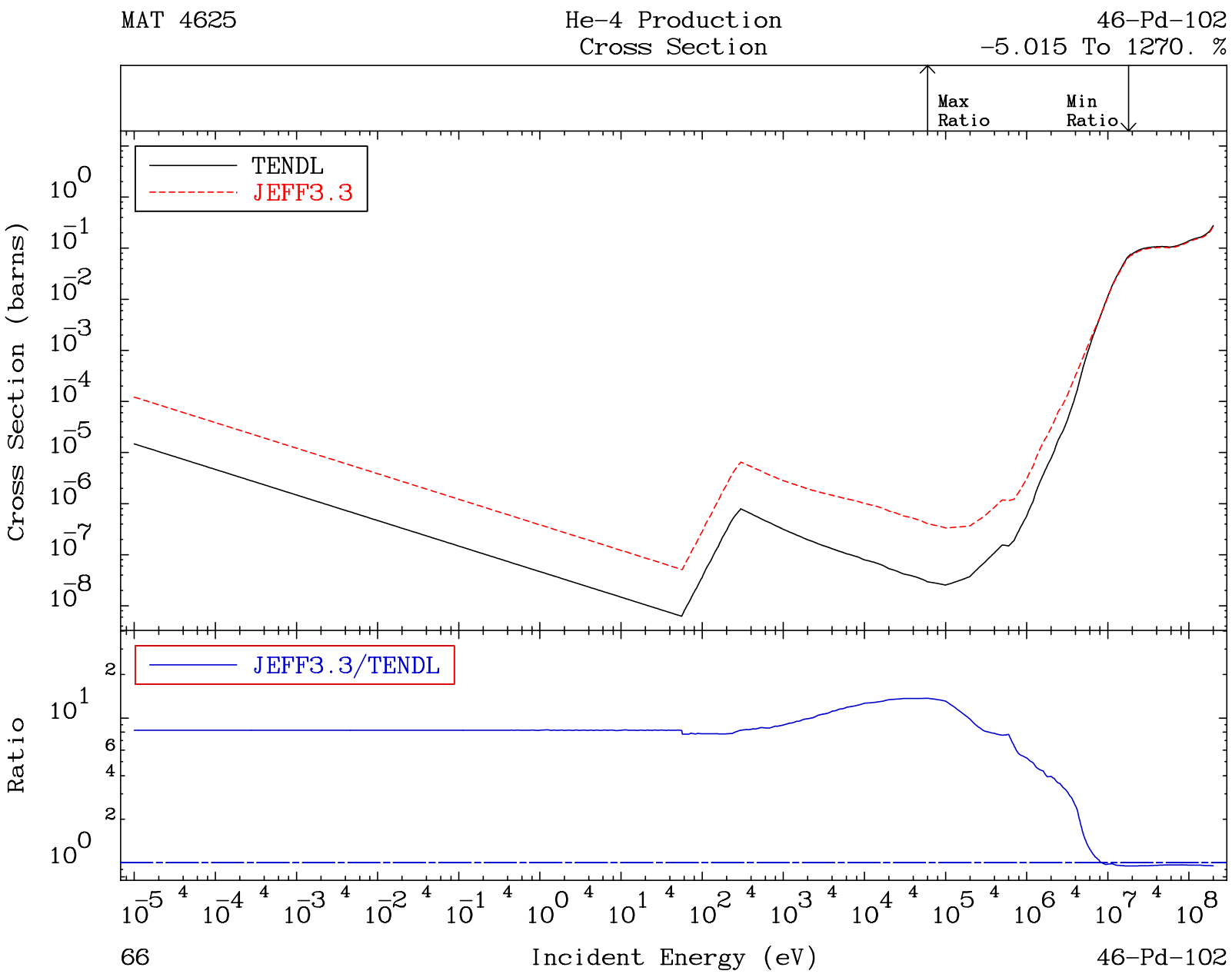

MAT 4625
(n,d) α
Cross Section
46-Pd-102
-35.85 To 3390. %
Min Ratio
Max Ratio
TENDL Threshold 8.2489 MeV
JEFF3.3 Threshold 8.2826 MeV
Cross Section (micro-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
61
46-Pd-102

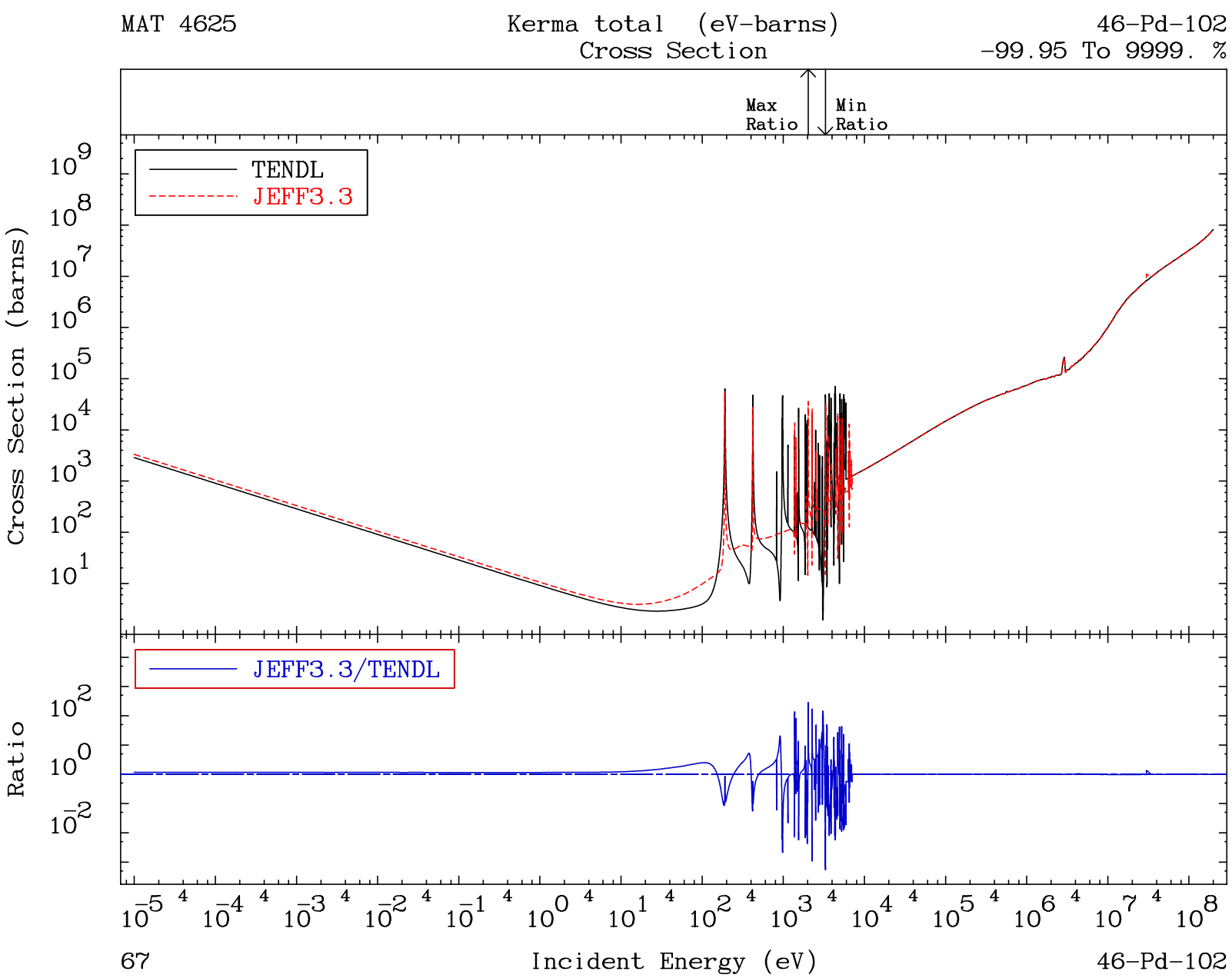

MAT 4625
Hydrogen Production
Cross Section
46-Pd-102
-82.39 To 0.370 %
Min Ratio
Max Ratio
TENDL Threshold 340.84 keV
JEFF3.3 Threshold 371.86 keV
Cross Section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
62
Incident Energy (eV)
46-Pd-102

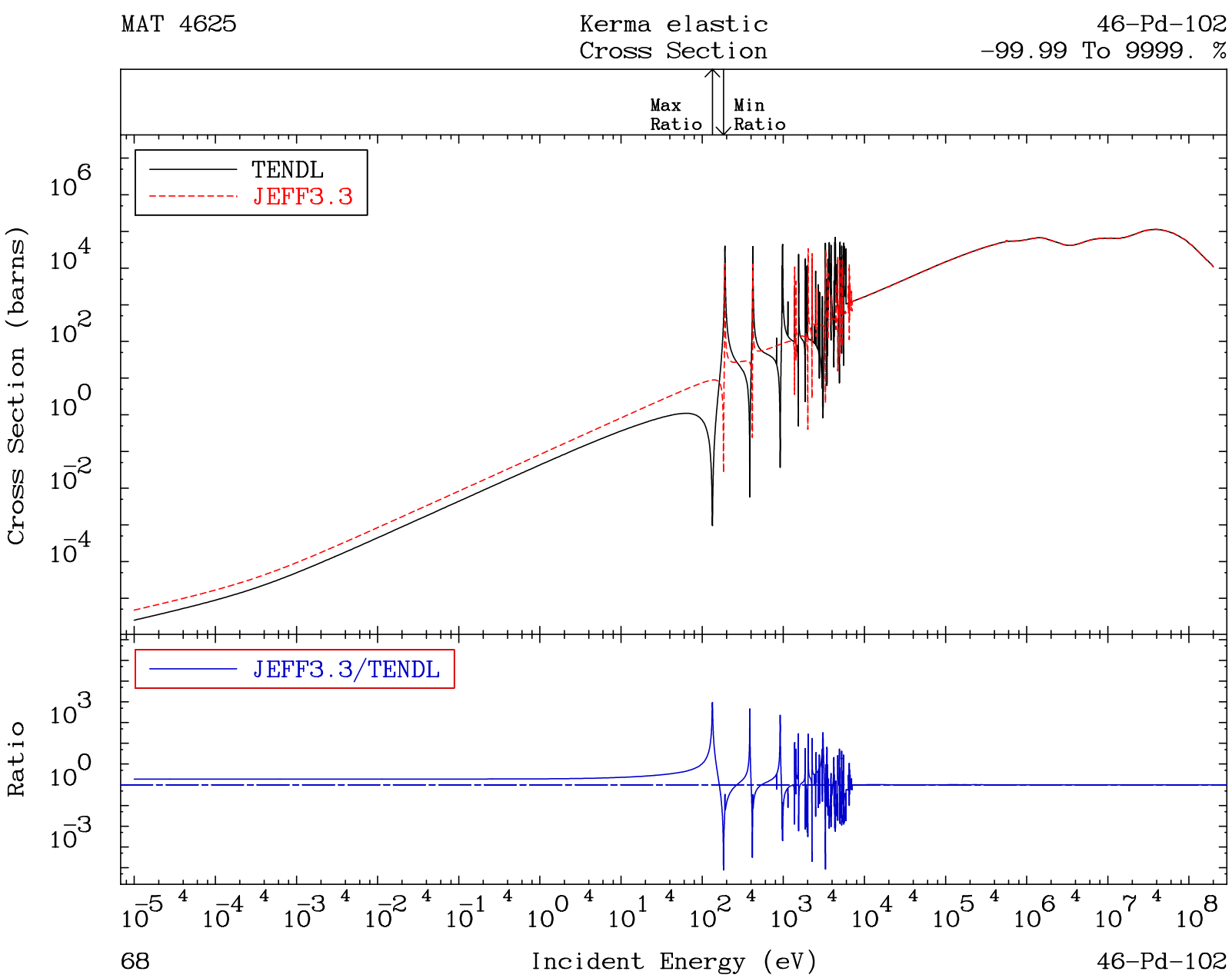

MAT 4625
Deuterium Production
Cross Section
46-Pd-102
-65.47 To 9.426 %
Min Ratio
Max Ratio
TENDL Threshold 5.6101 MeV
JEFF3.3 Threshold 5.6398 MeV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
63
Incident Energy (eV)
46-Pd-102

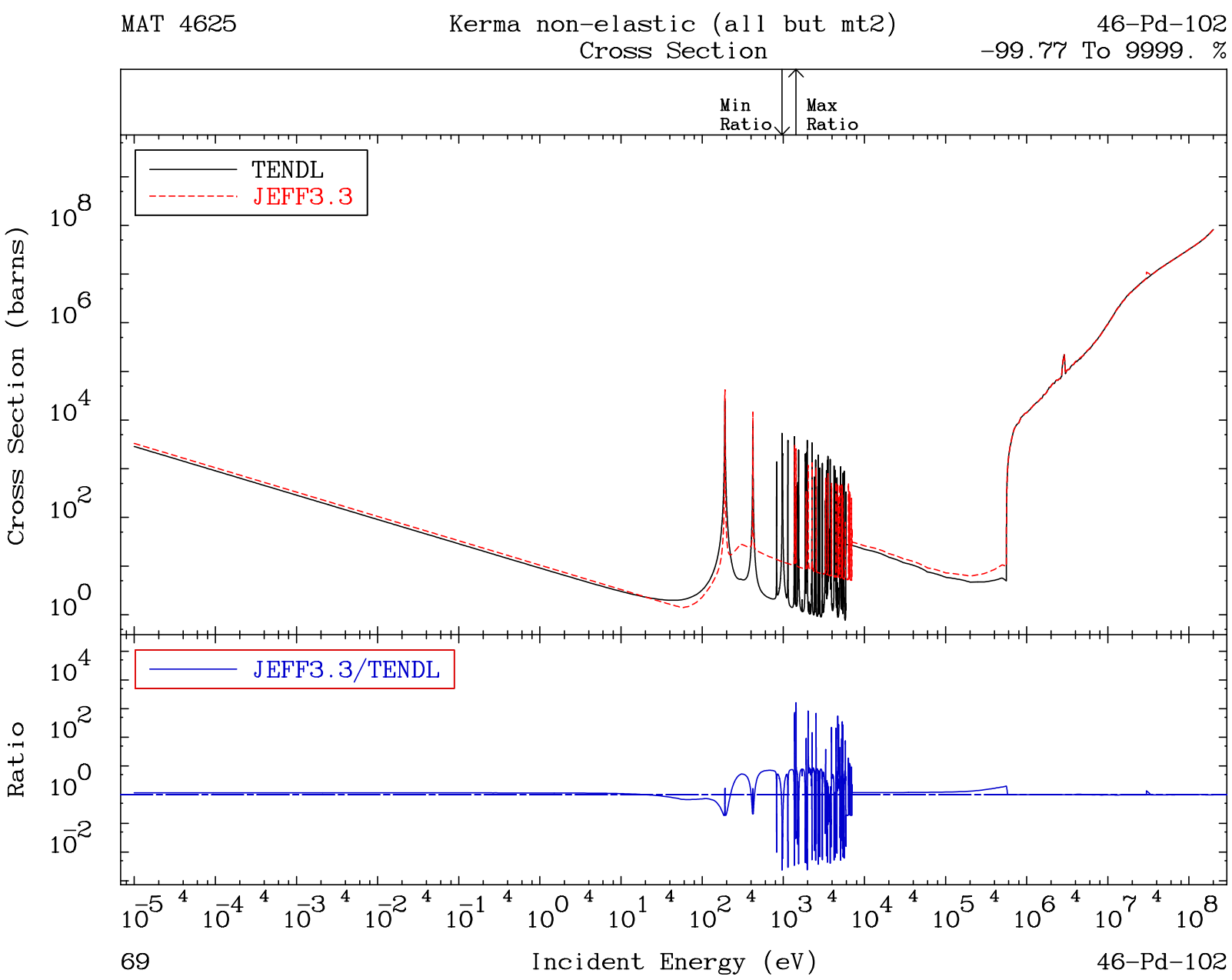

MAT 4625
Tritium Production
Cross Section
46-Pd-102
-64.44 To 0.072 %
Min
Ratio
Max
Ratio
TENDL Threshold 9.2815 MeV
JEFF3.3 Threshold 9.3125 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.2
1.0
0.8
0.6
0.4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
64
Incident Energy (eV)
46-Pd-102

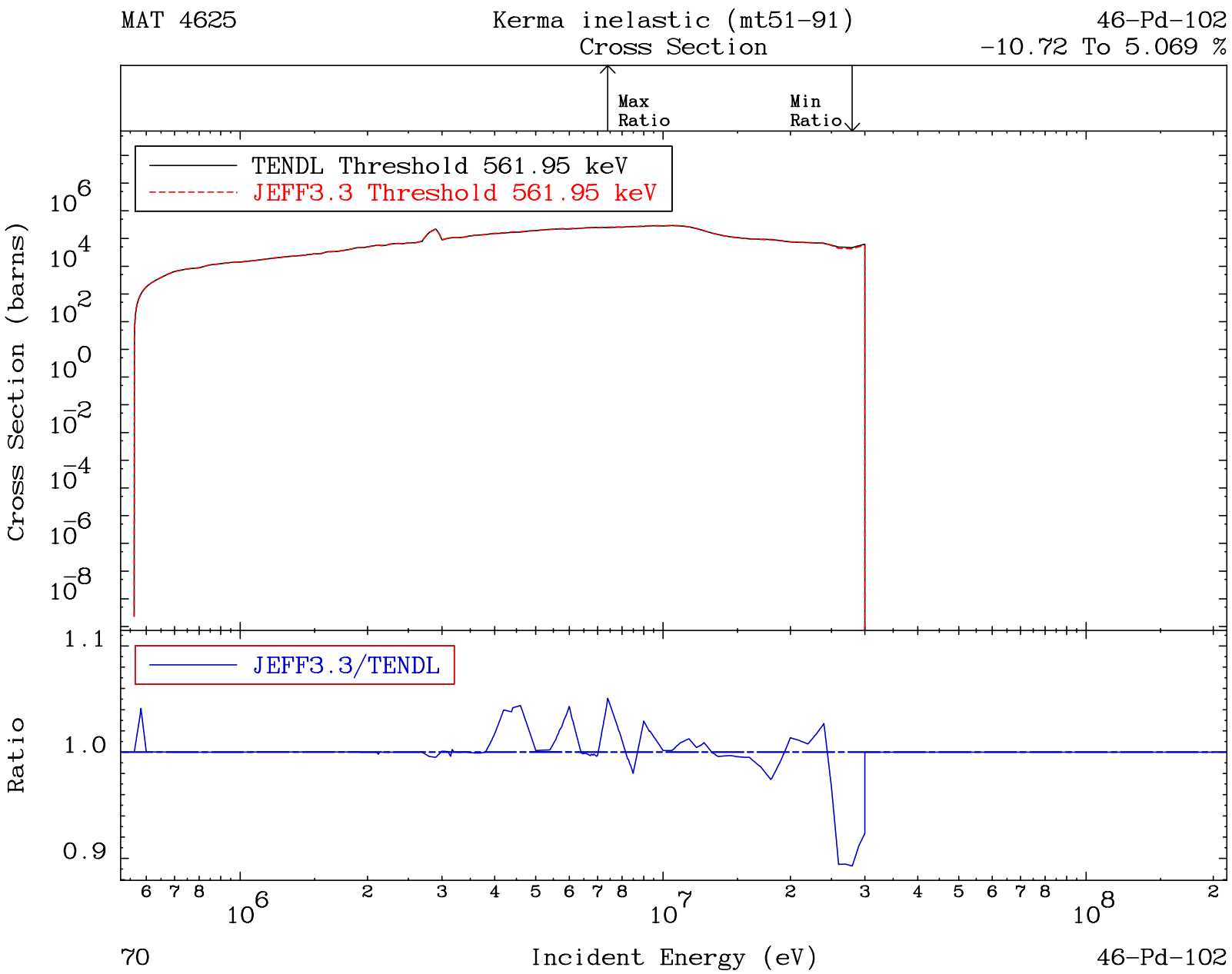

MAT 4625
He-3 Production
Cross Section
46-Pd-102
-70.90 To 19.67 %
Min Ratio
Max Ratio
TENDL Threshold 5.5905 MeV
JEFF3.3 Threshold 5.6221 MeV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
65
Incident Energy (eV)
46-Pd-102

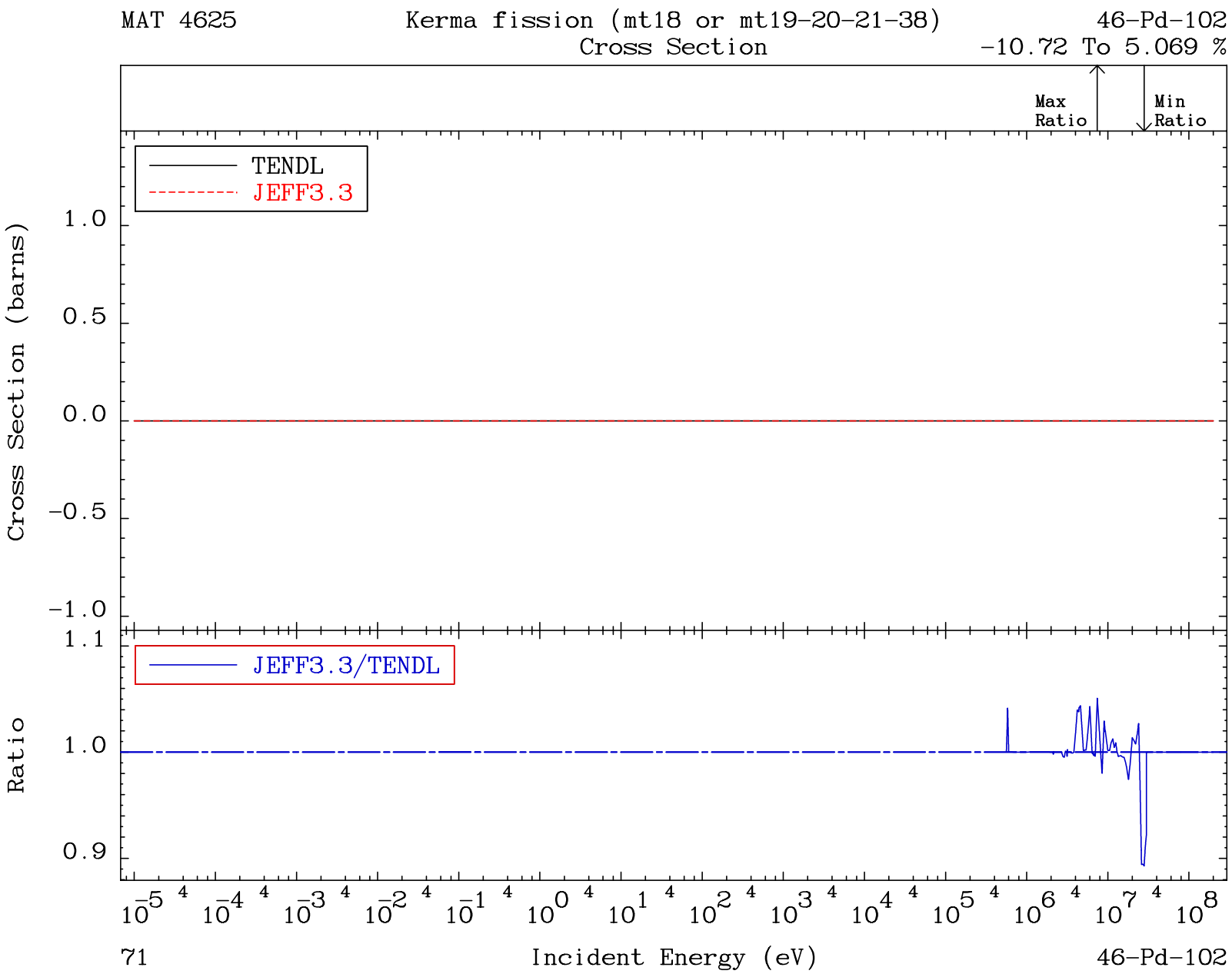

MAT 4625
He-4 Production
Cross Section
46-Pd-102
-5.015 To 1270. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
66
46-Pd-102

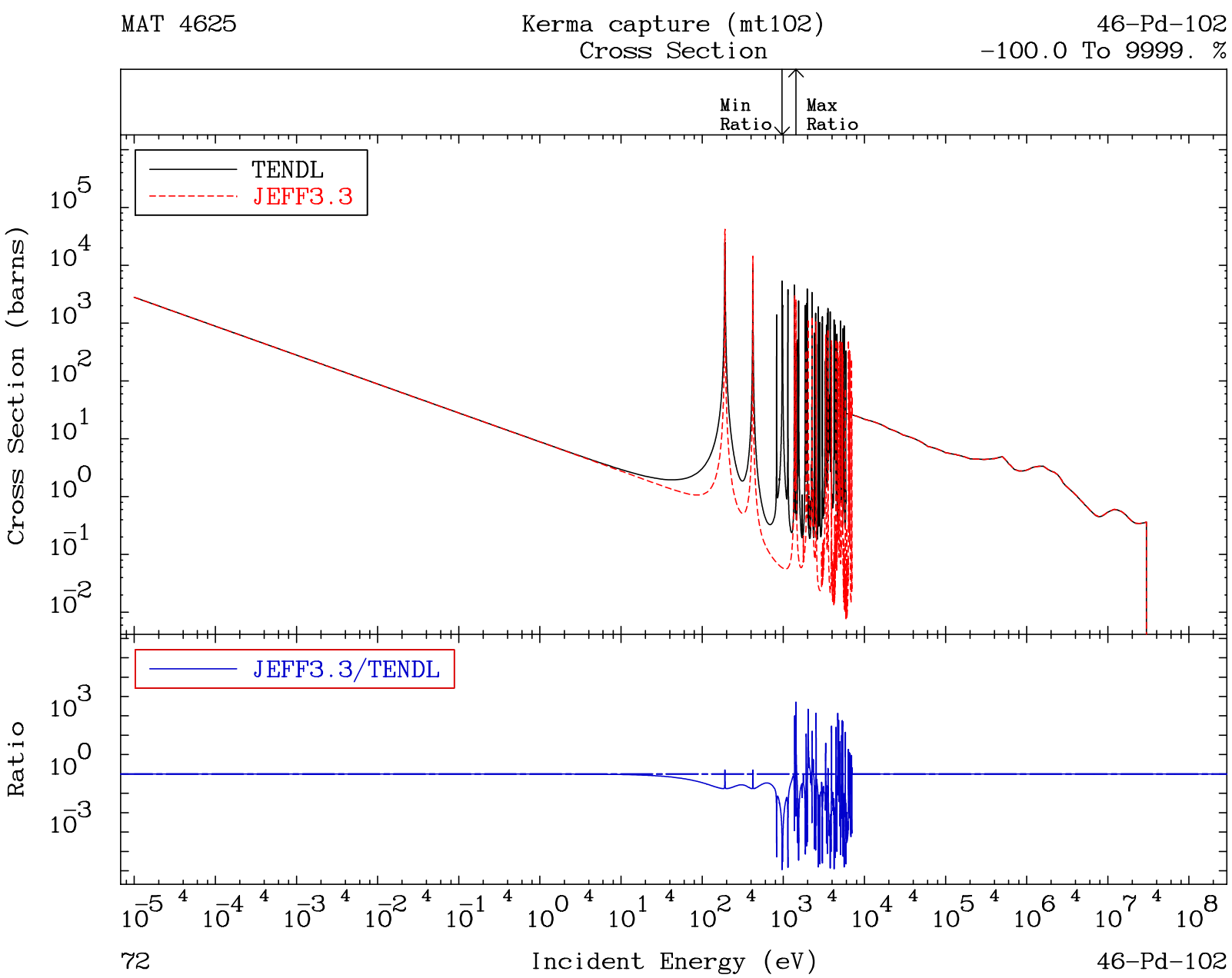

MAT 4625
Kerma total (eV-barns)
Cross Section
46-Pd-102
-99.95 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
67
46-Pd-102

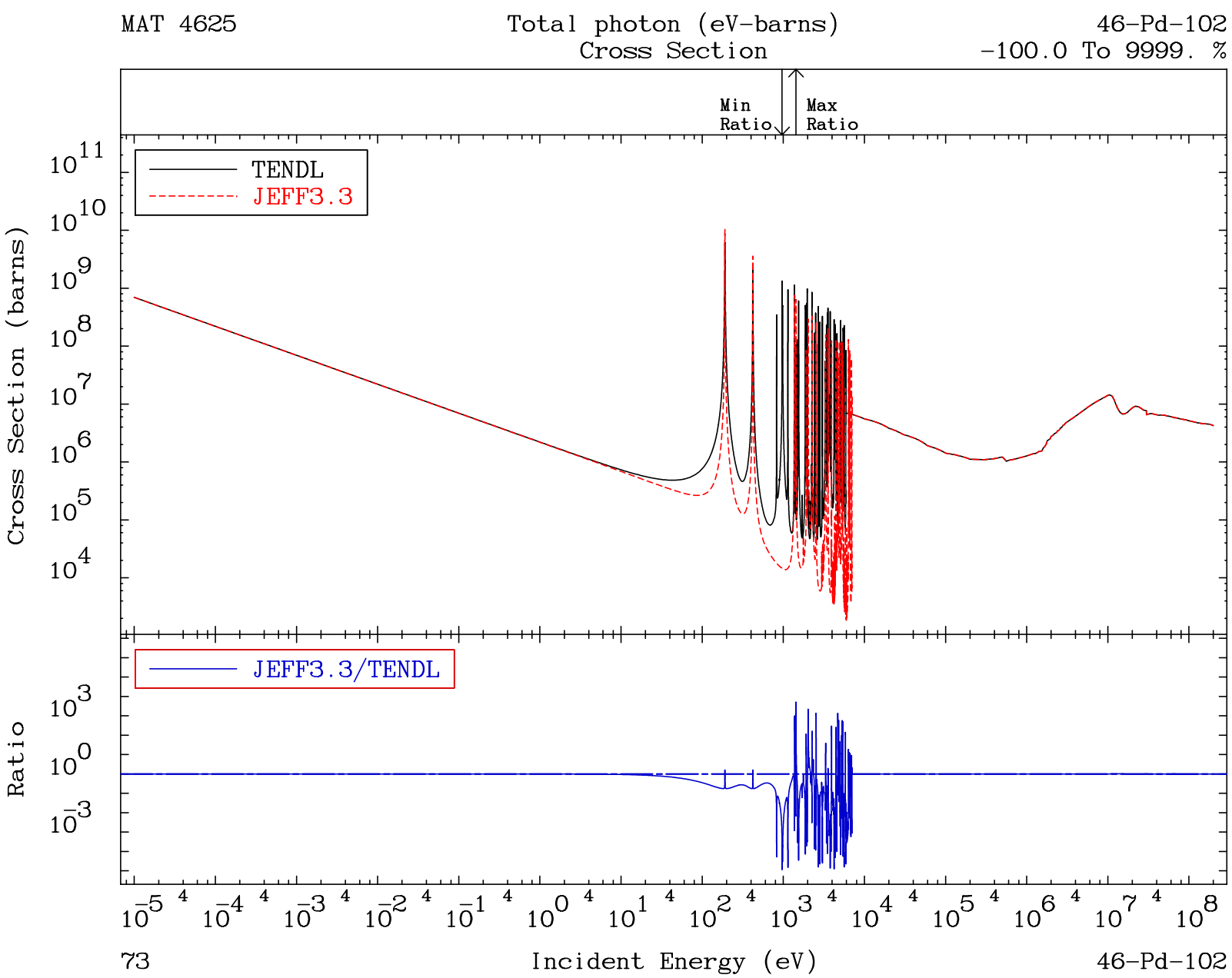

MAT 4625
Kerma elastic
Cross Section
46-Pd-102
-99.99 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
68
46-Pd-102

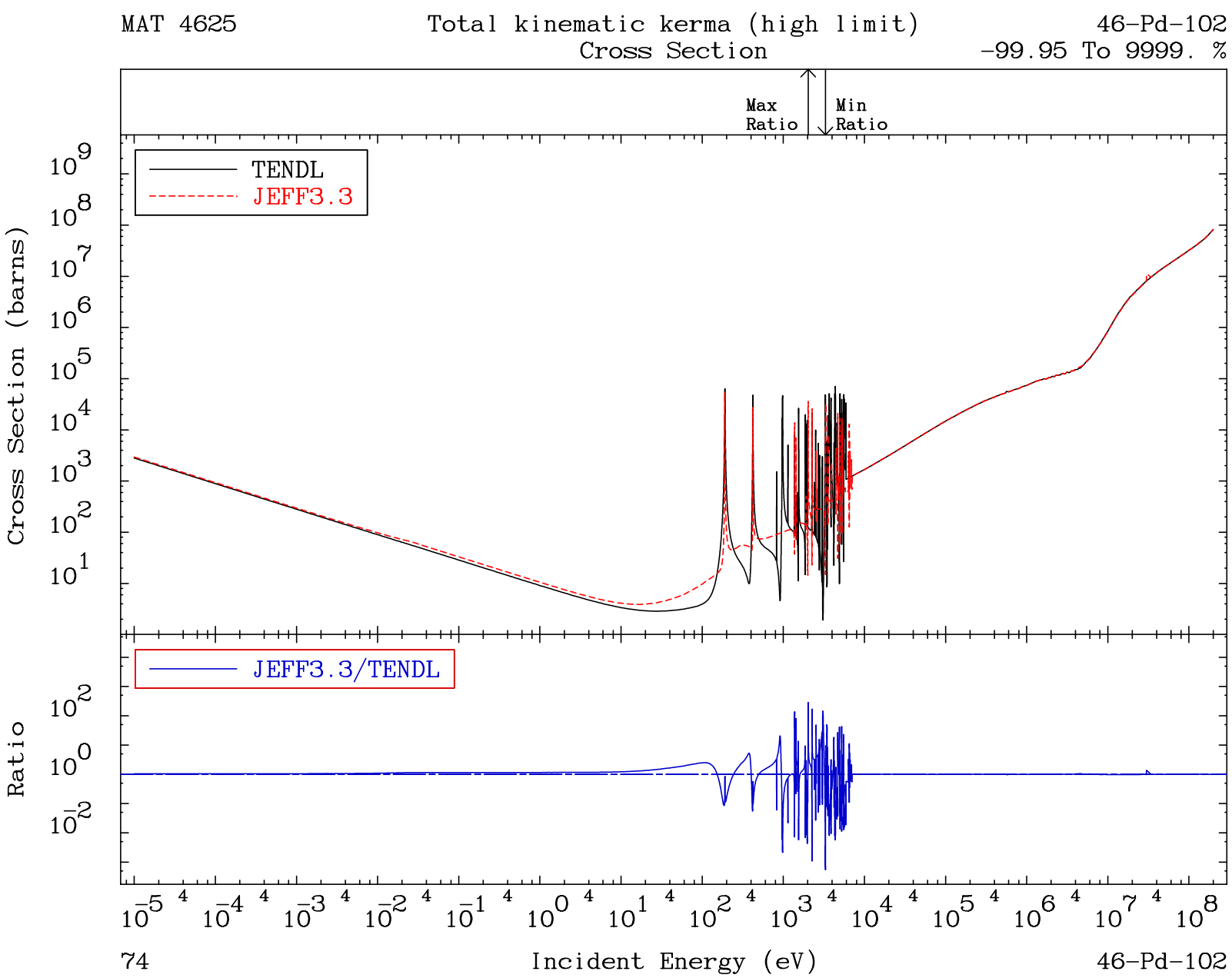

MAT 4625
Kerma non-elastic (all but mt2)
Cross Section
46-Pd-102
-99.77 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
69
46-Pd-102

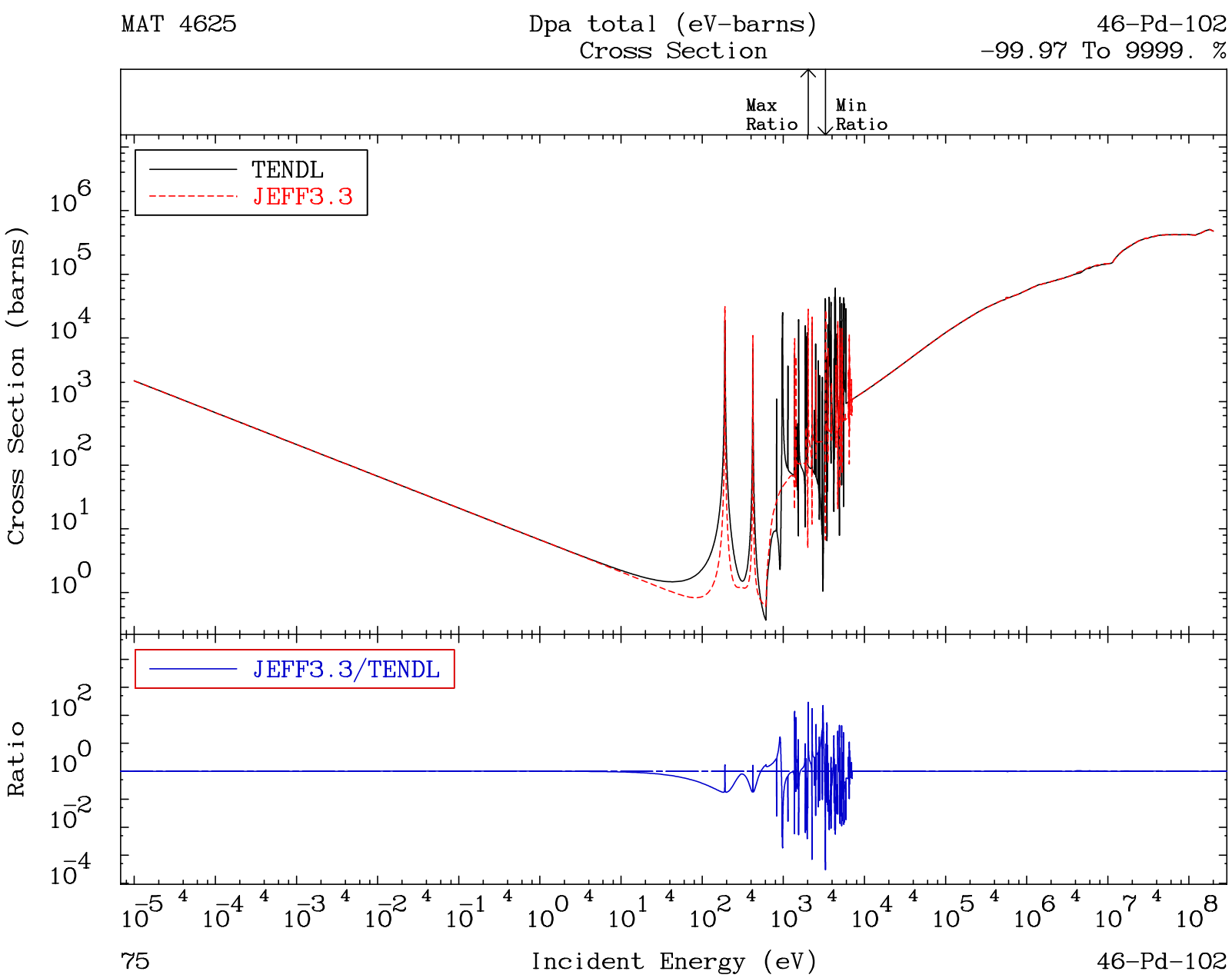

MAT 4625
Kerma inelastic (mt51-91)
Cross Section
46-Pd-102
-10.72 To 5.069 %
Max Ratio
Min Ratio
TENDL Threshold 561.95 keV
JEFF3.3 Threshold 561.95 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
70
46-Pd-102

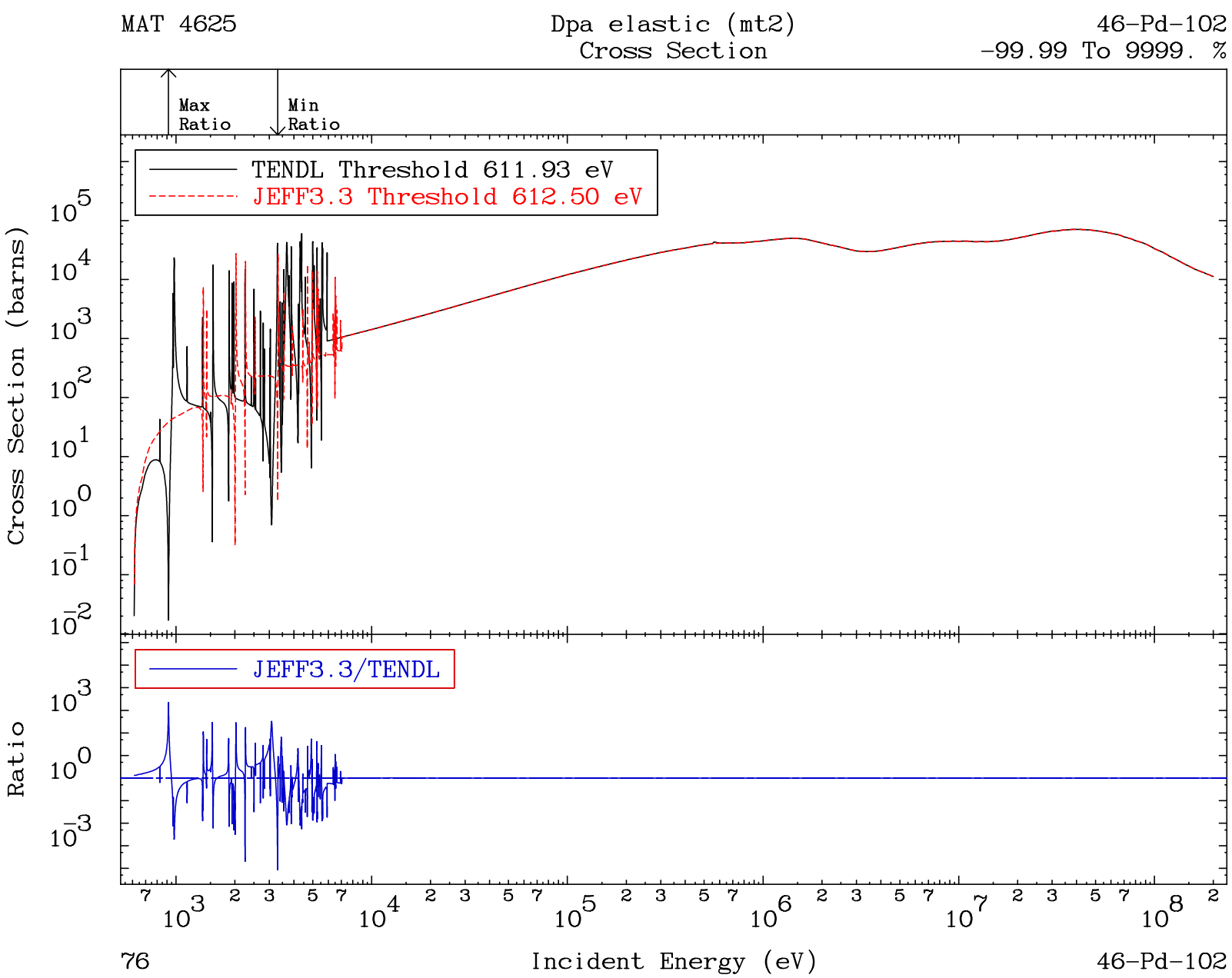

MAT 4625
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
46-Pd-102
-10.72 To 5.069 %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JEFF3.3/TENDL
Ratio
1.1
1.0
0.9
10-5 4 10-4 4 10-3 4 10-2 4 10-1 4 100 4 101 4 102 4 103 4 104 4 105 4 106 4 107 4 108
71
Incident Energy (eV)
46-Pd-102

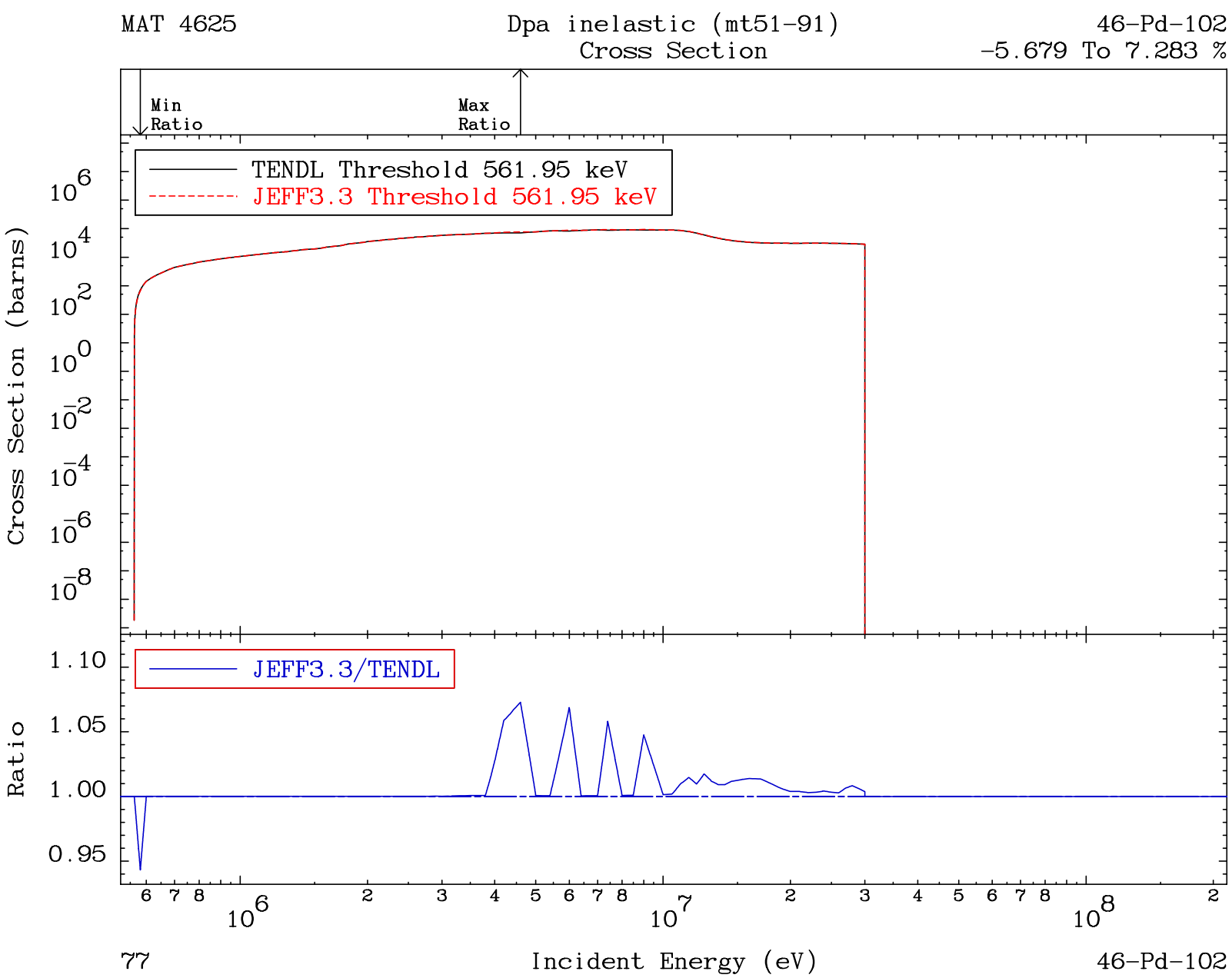

MAT 4625
Kerma capture (mt102)
Cross Section
46-Pd-102
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
72
46-Pd-102

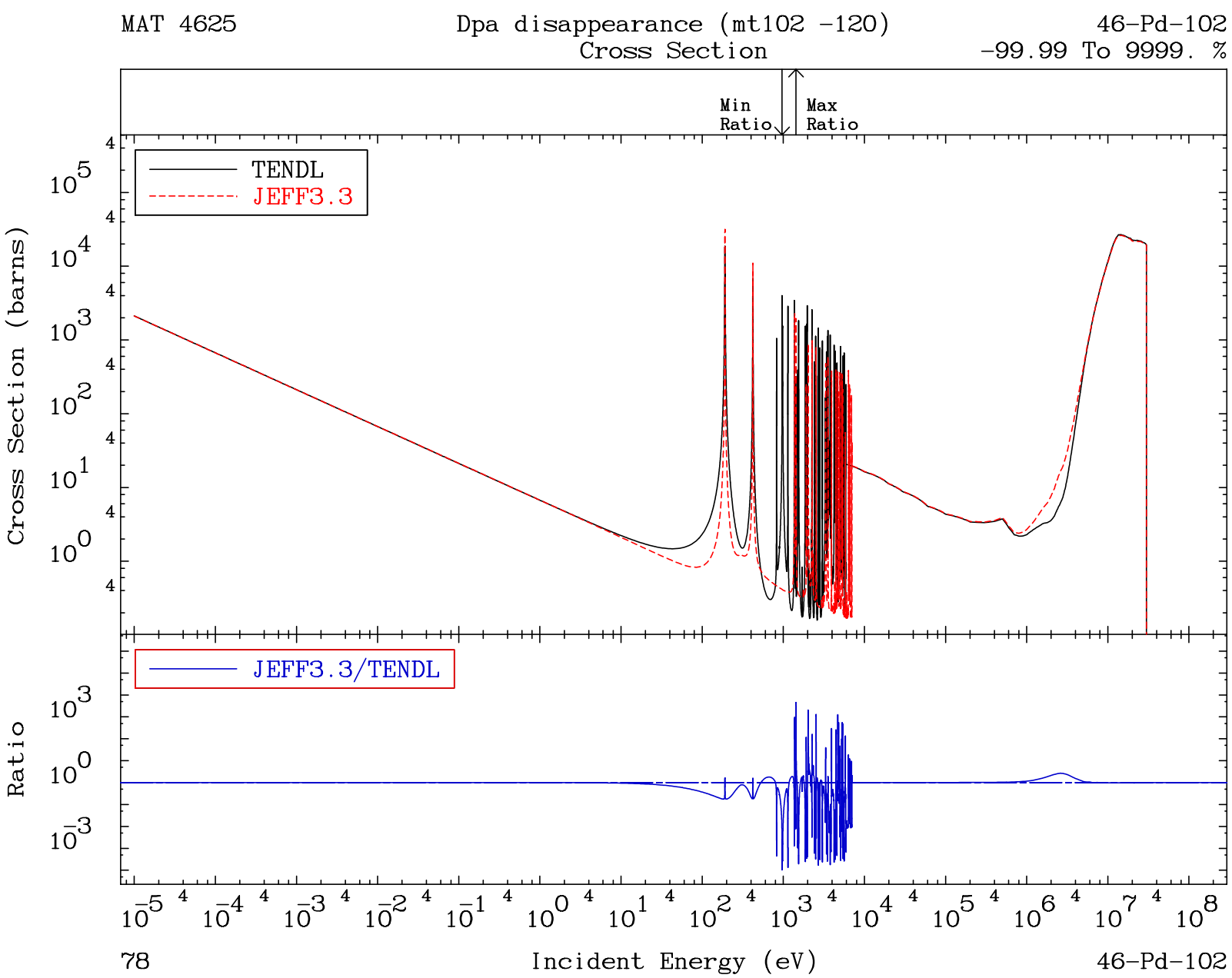

MAT 4625
Total photon (eV-barns)
Cross Section
46-Pd-102
-100.0 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
73
46-Pd-102

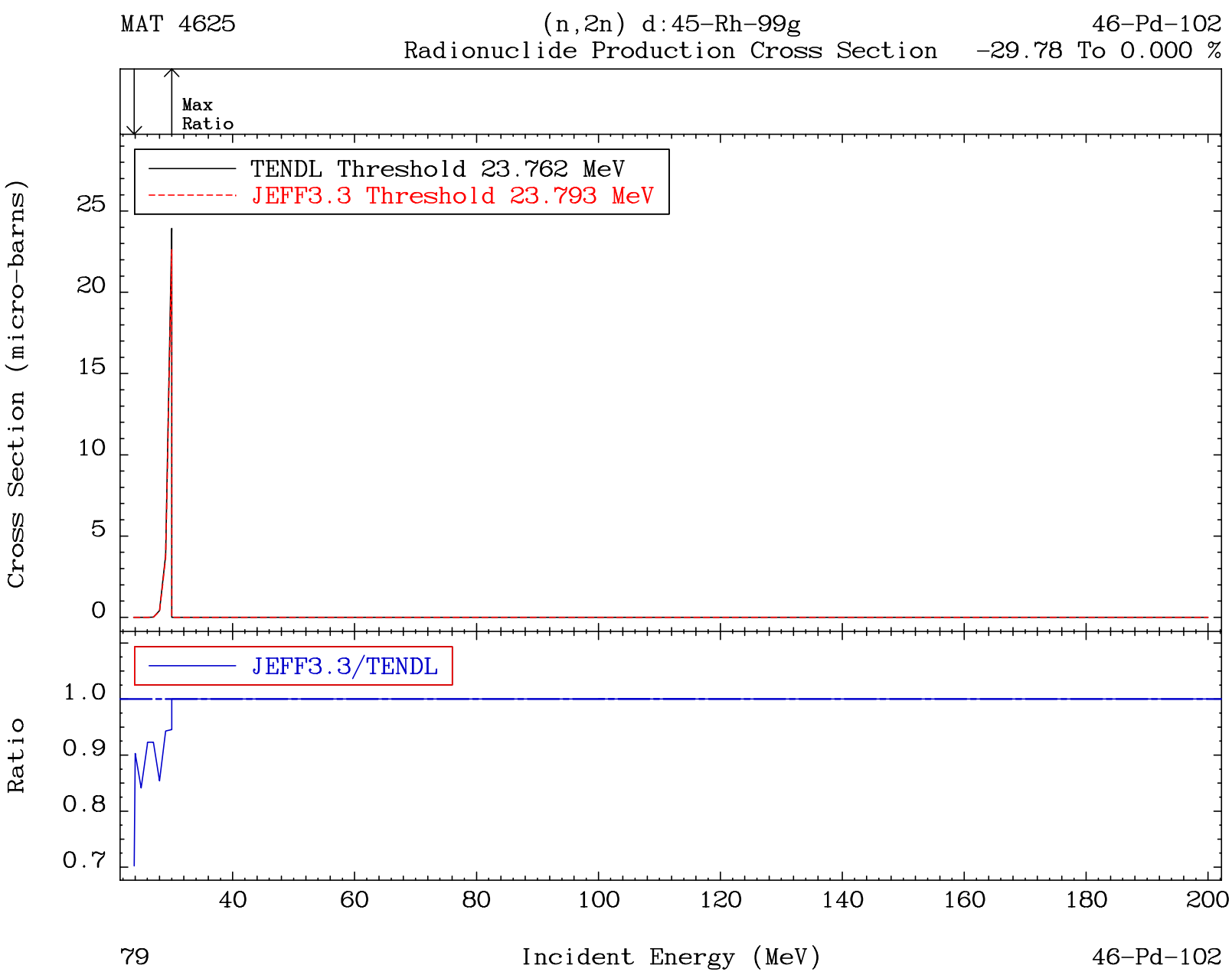

MAT 4625
Total kinematic kerma (high limit)
Cross Section
46-Pd-102
-99.95 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
74
46-Pd-102

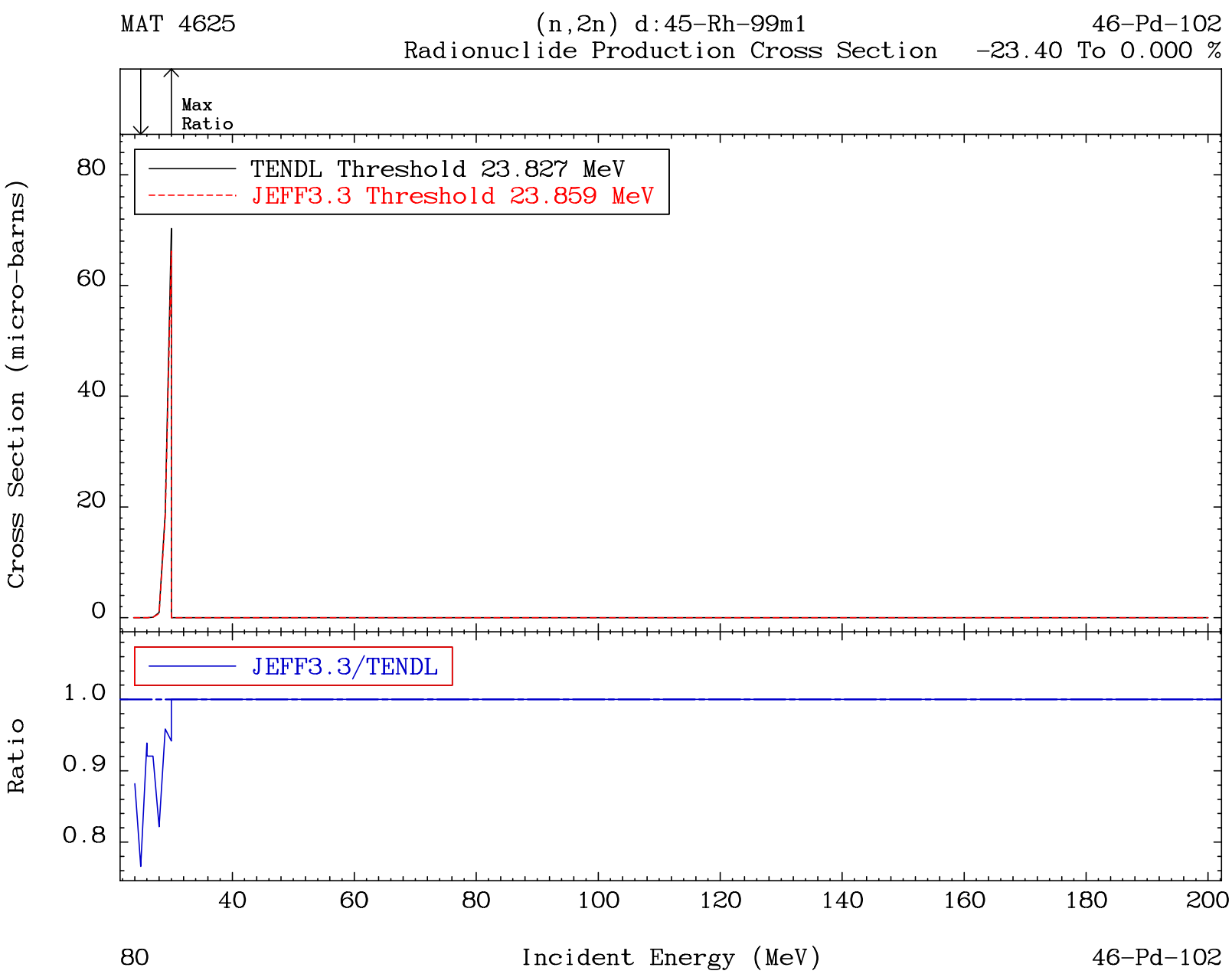

MAT 4625
Dpa total (eV-barns)
Cross Section
46-Pd-102
-99.97 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
75
46-Pd-102

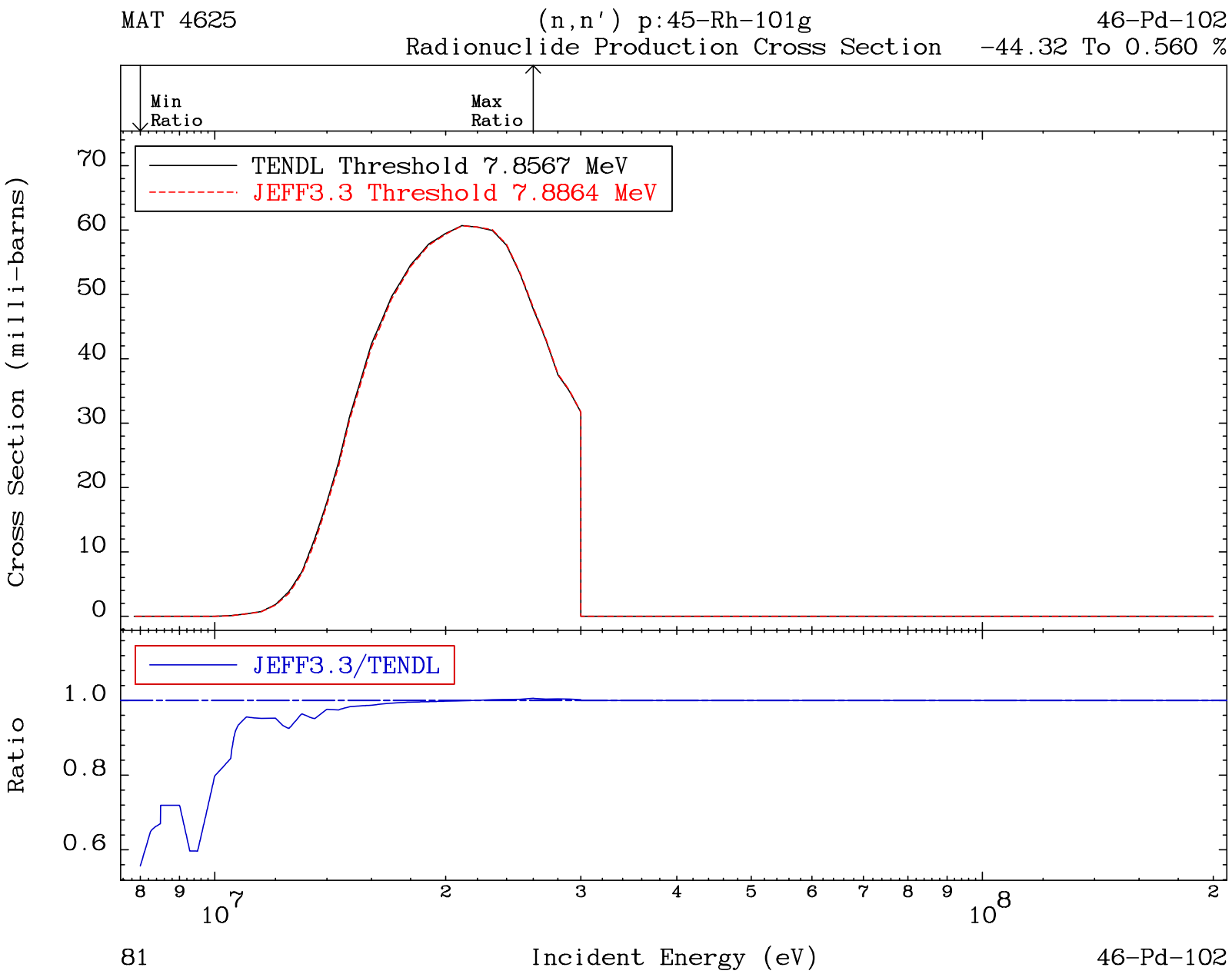

MAT 4625
Dpa elastic (mt2)
Cross Section
46-Pd-102
-99.99 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 611.93 eV
JEFF3.3 Threshold 612.50 eV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
76
46-Pd-102

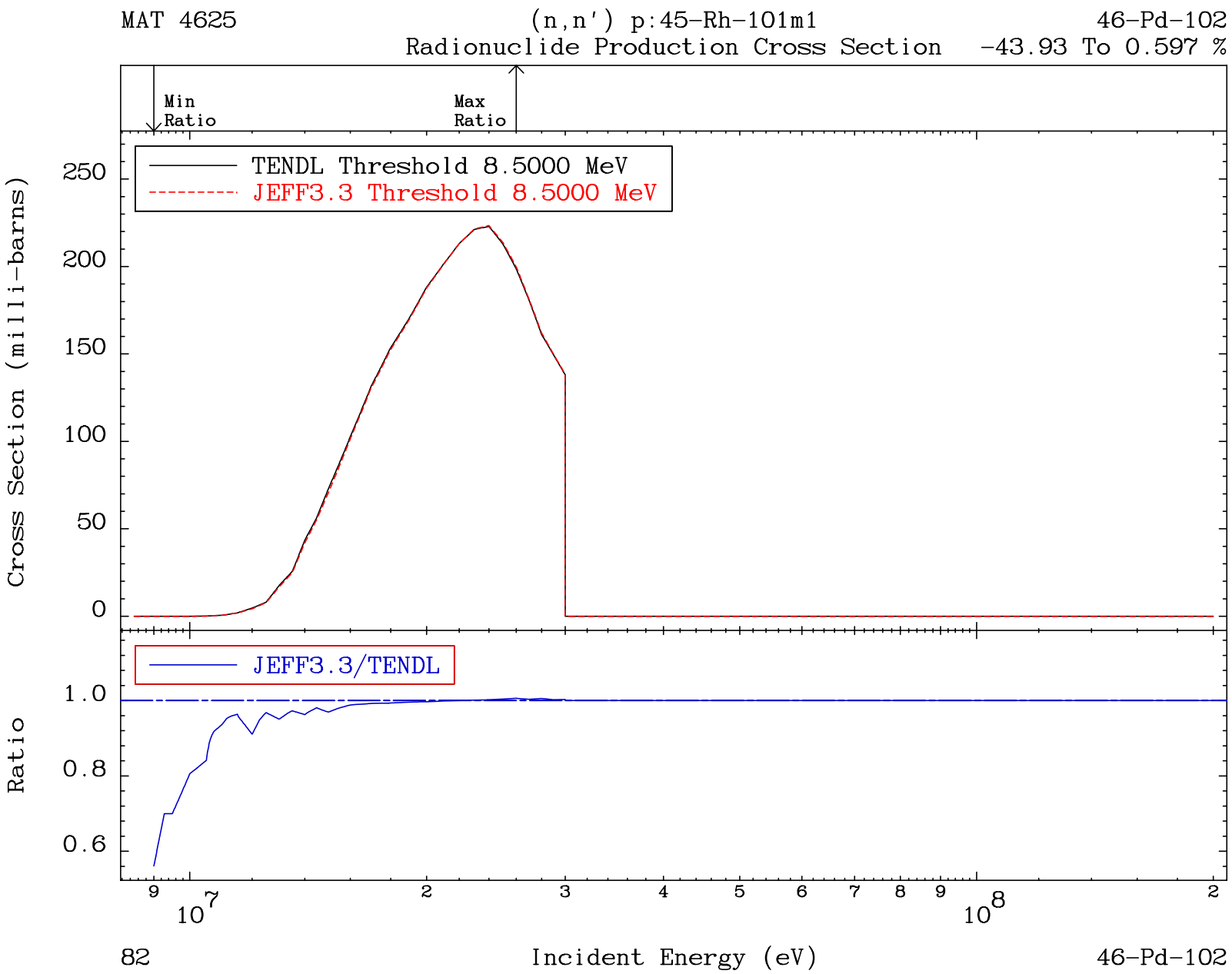

MAT 4625
Dpa inelastic (mt51-91)
Cross Section
46-Pd-102
-5.679 To 7.283 %
Min Ratio
Max Ratio
TENDL Threshold 561.95 keV
JEFF3.3 Threshold 561.95 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
77
46-Pd-102

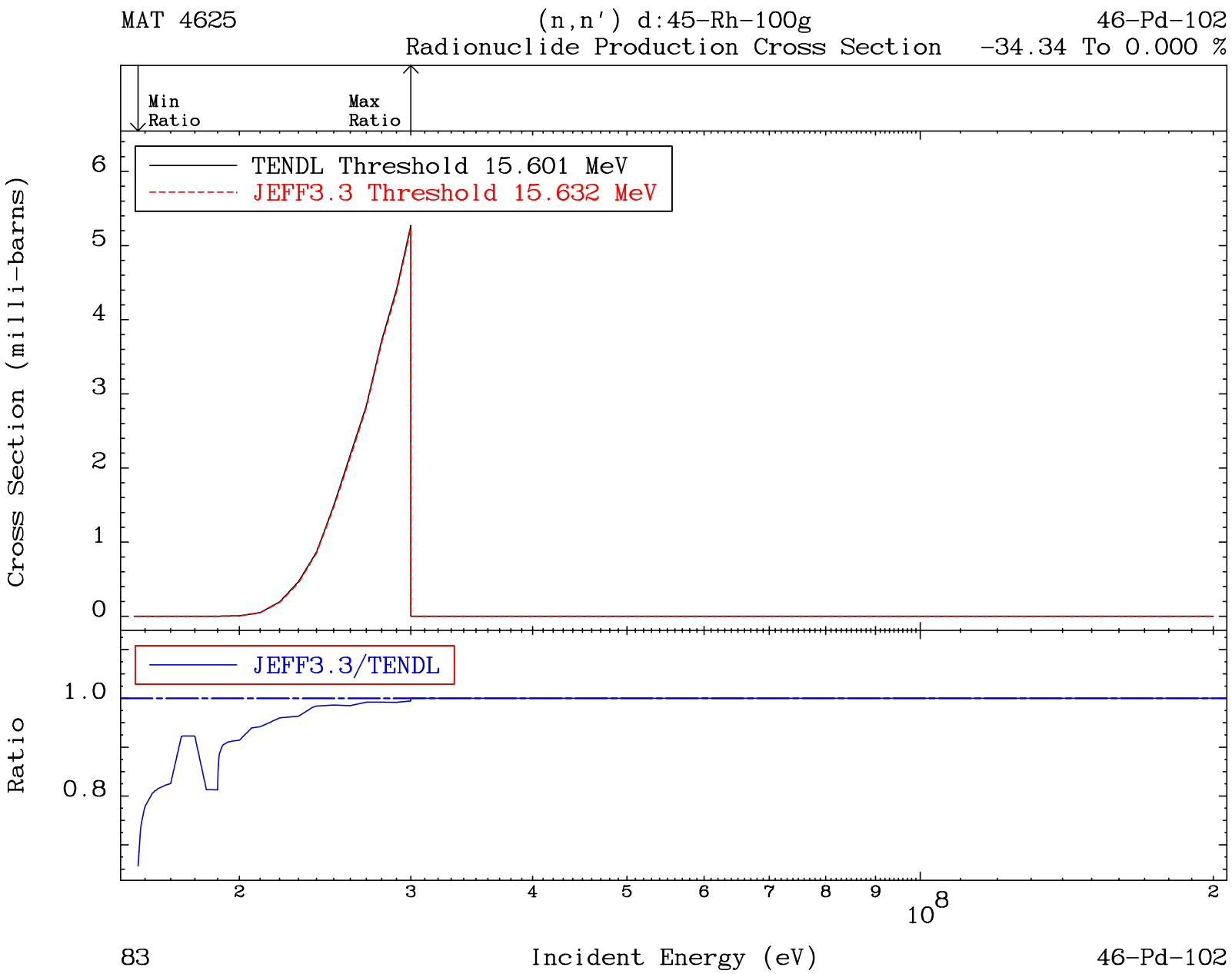

MAT 4625
Dpa disappearance (mt102 -120)
Cross Section
46-Pd-102
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
78
46-Pd-102

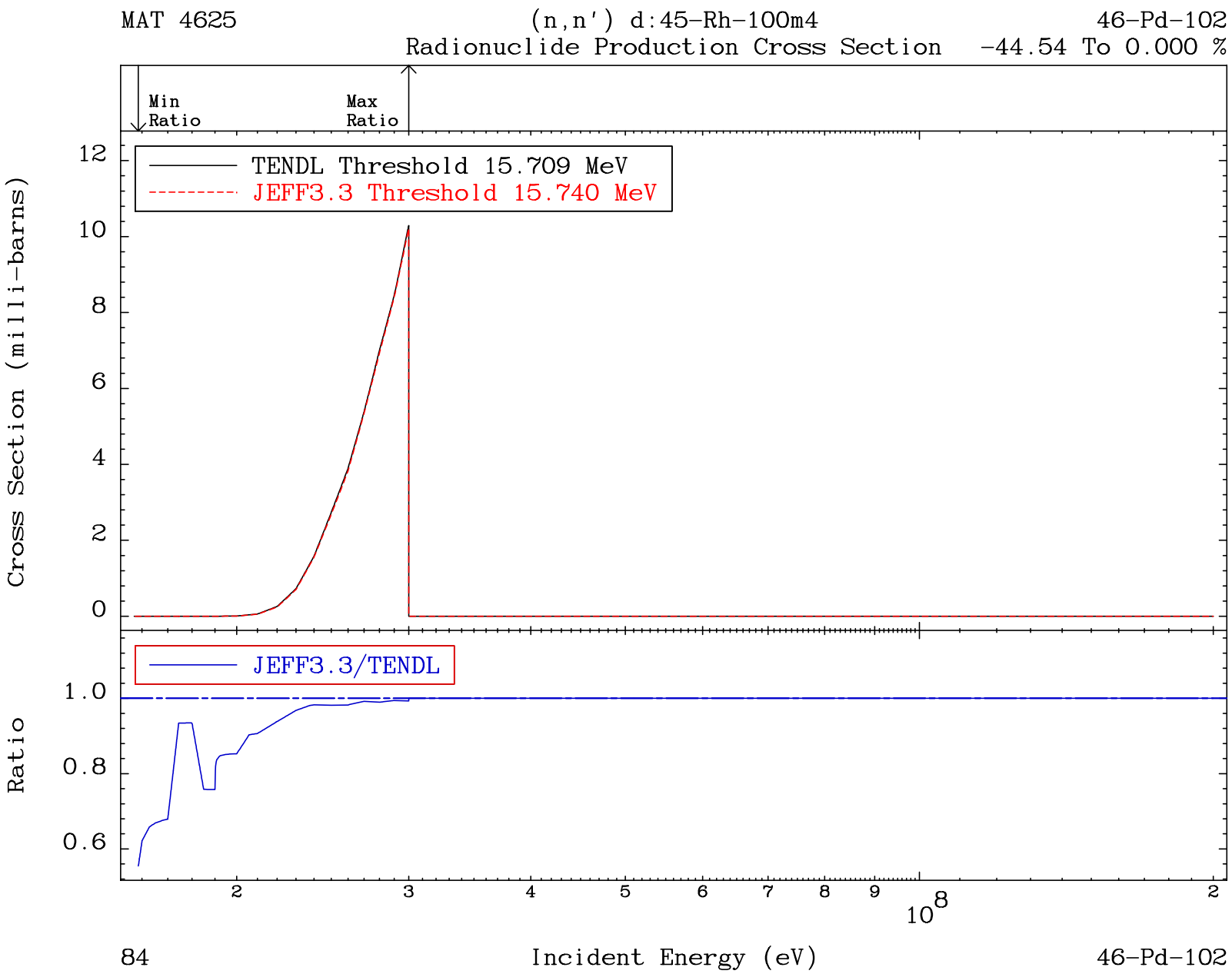

MAT 4625
(n,2n) d:45-Rh-99g
46-Pd-102
Radionuclide Production Cross Section
-29.78 To 0.000 %
Max
Ratio
TENDL Threshold 23.762 MeV
JEFF3.3 Threshold 23.793 MeV
Cross Section (micro-barns)
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
0.7
40
60
80
100
120
140
160
180
200
79
Incident Energy (MeV)
46-Pd-102

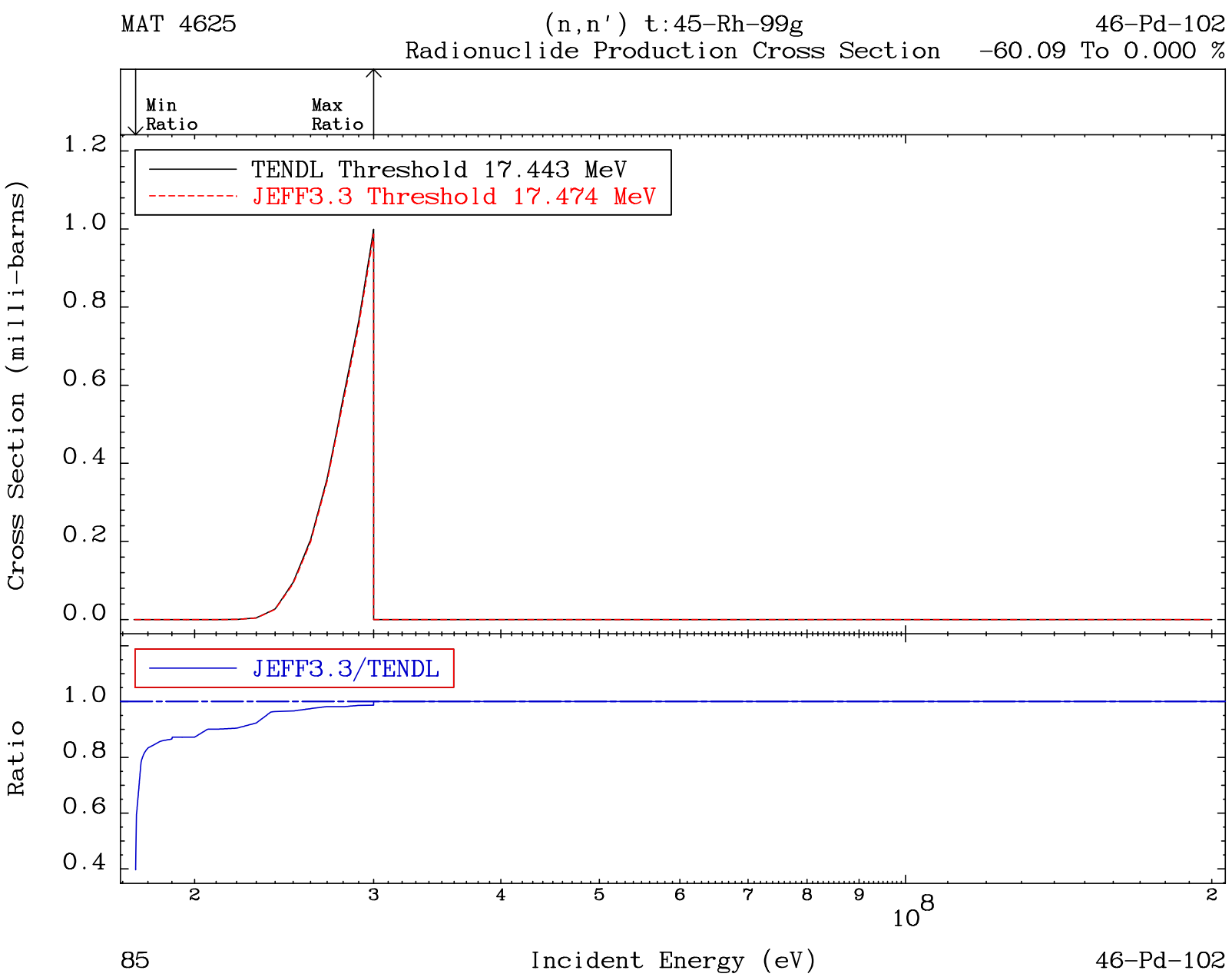

MAT 4625
(n,2n) d:45-Rh-99m1
46-Pd-102
Radionuclide Production Cross Section
-23.40 To 0.000 %
Max
Ratio
TENDL Threshold 23.827 MeV
JEFF3.3 Threshold 23.859 MeV
Cross Section (micro-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
40
60
80
100
120
140
160
180
200
80
Incident Energy (MeV)
46-Pd-102

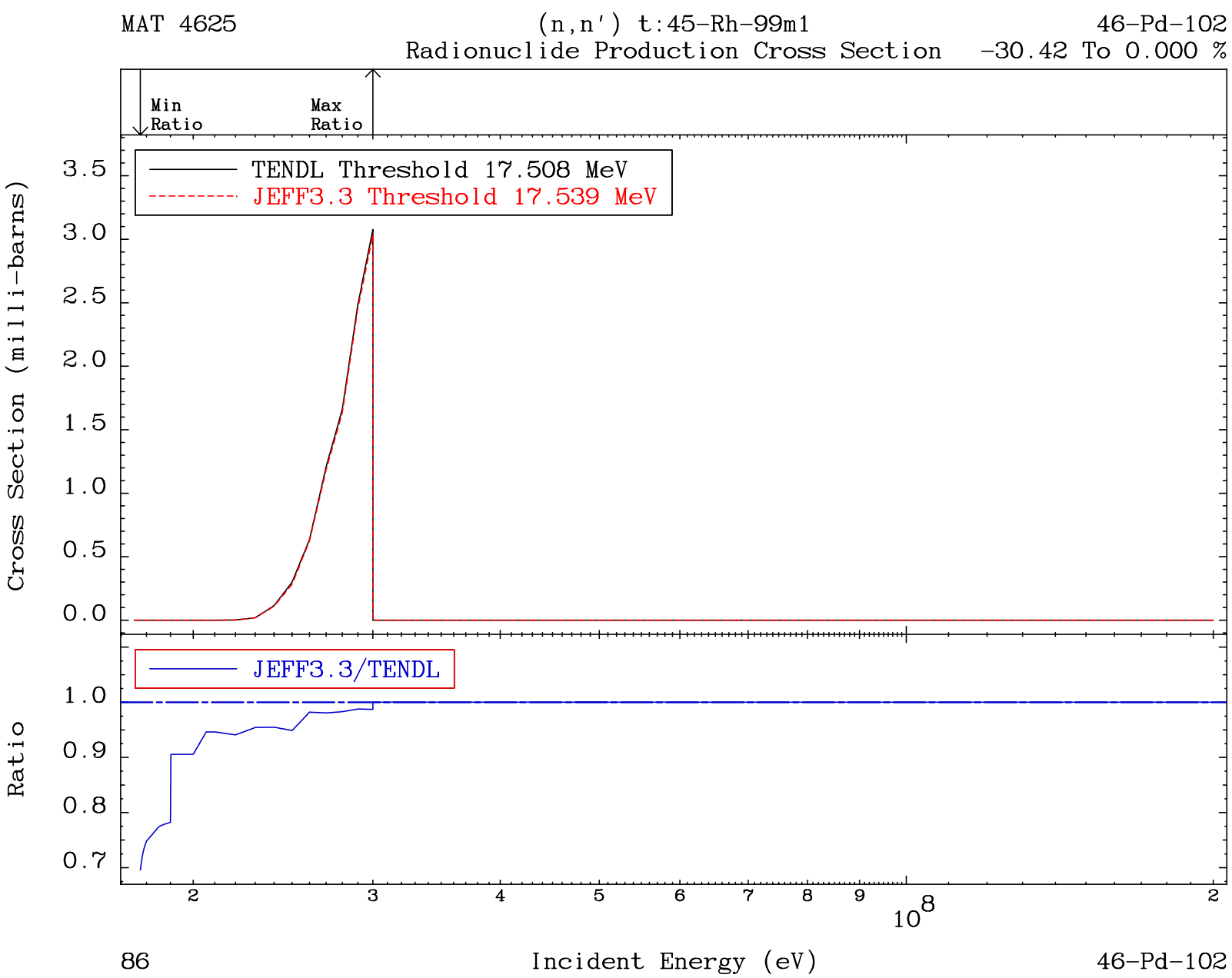

MAT 4625
(n,n') p:45-Rh-101g
46-Pd-102
Radionuclide Production Cross Section -44.32 To 0.560 %
Min Ratio
Max Ratio
TENDL Threshold 7.8567 MeV
JEFF3.3 Threshold 7.8864 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
81
Incident Energy (eV)
46-Pd-102

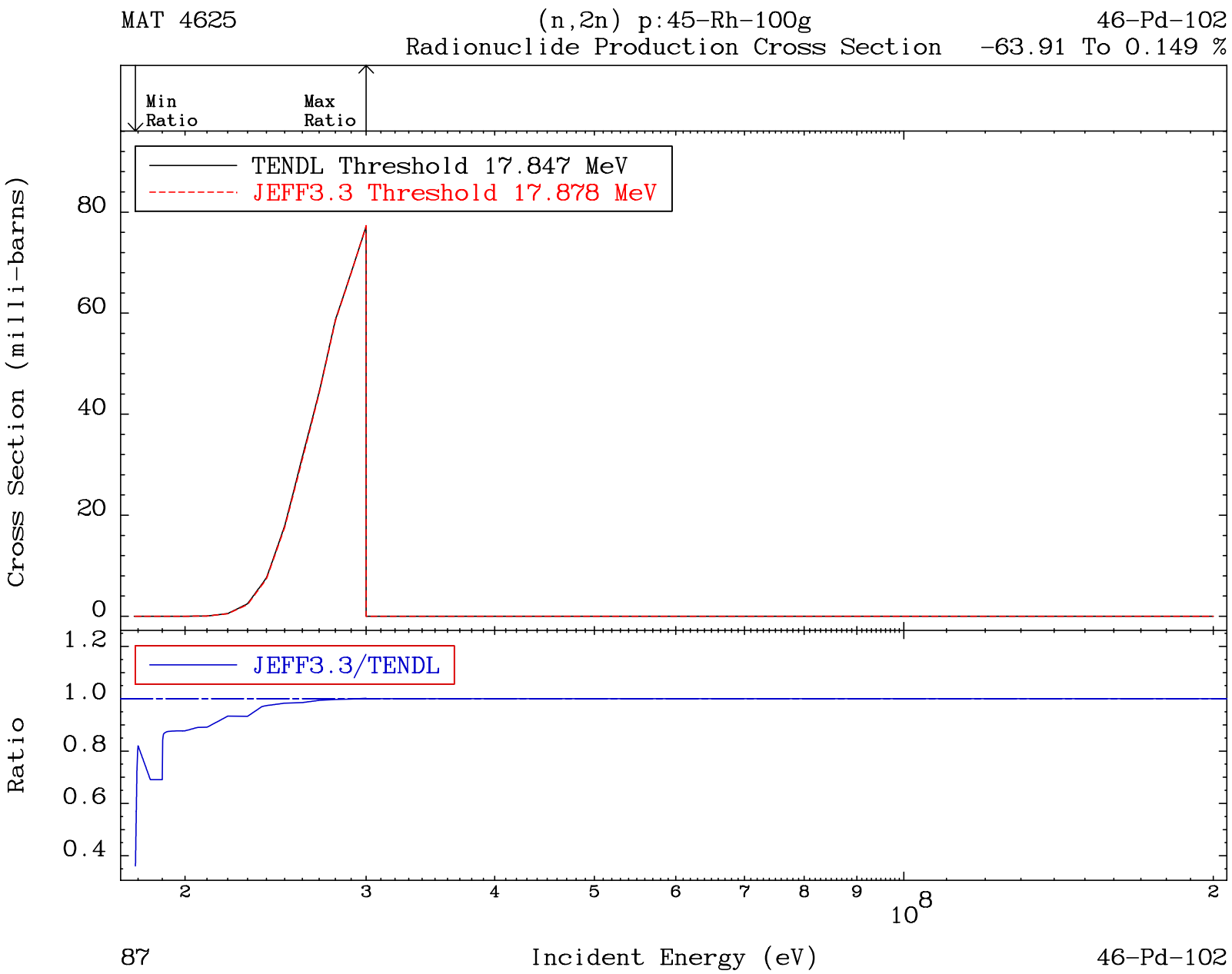

MAT 4625
(n,n') p:45-Rh-101m1
46-Pd-102
Radionuclide Production Cross Section -43.93 To 0.597 %
Min Ratio
Max Ratio
TENDL Threshold 8.5000 MeV
JEFF3.3 Threshold 8.5000 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
9
10^7
2
3
4
5
6
7
8
9
10^8
2
82
Incident Energy (eV)
46-Pd-102

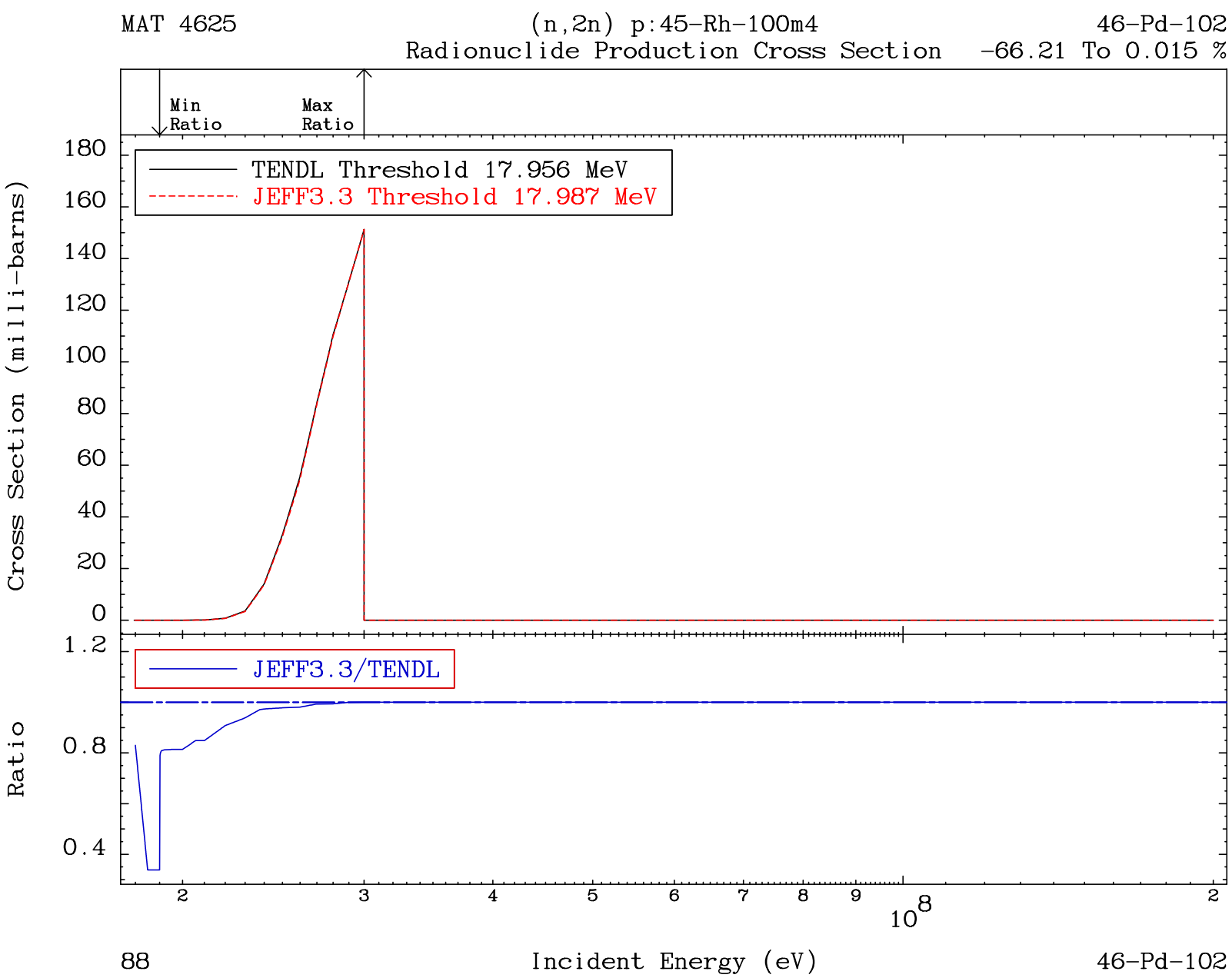

MAT 4625
(n,n') d:45-Rh-100g
46-Pd-102
Radionuclide Production Cross Section
-34.34 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 15.601 MeV
JEFF3.3 Threshold 15.632 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
JEFF3.3/TENDL
Ratio
0.8
1.0
2
3
4
5
6
7
8
9
10^8
2
83
Incident Energy (eV)
46-Pd-102

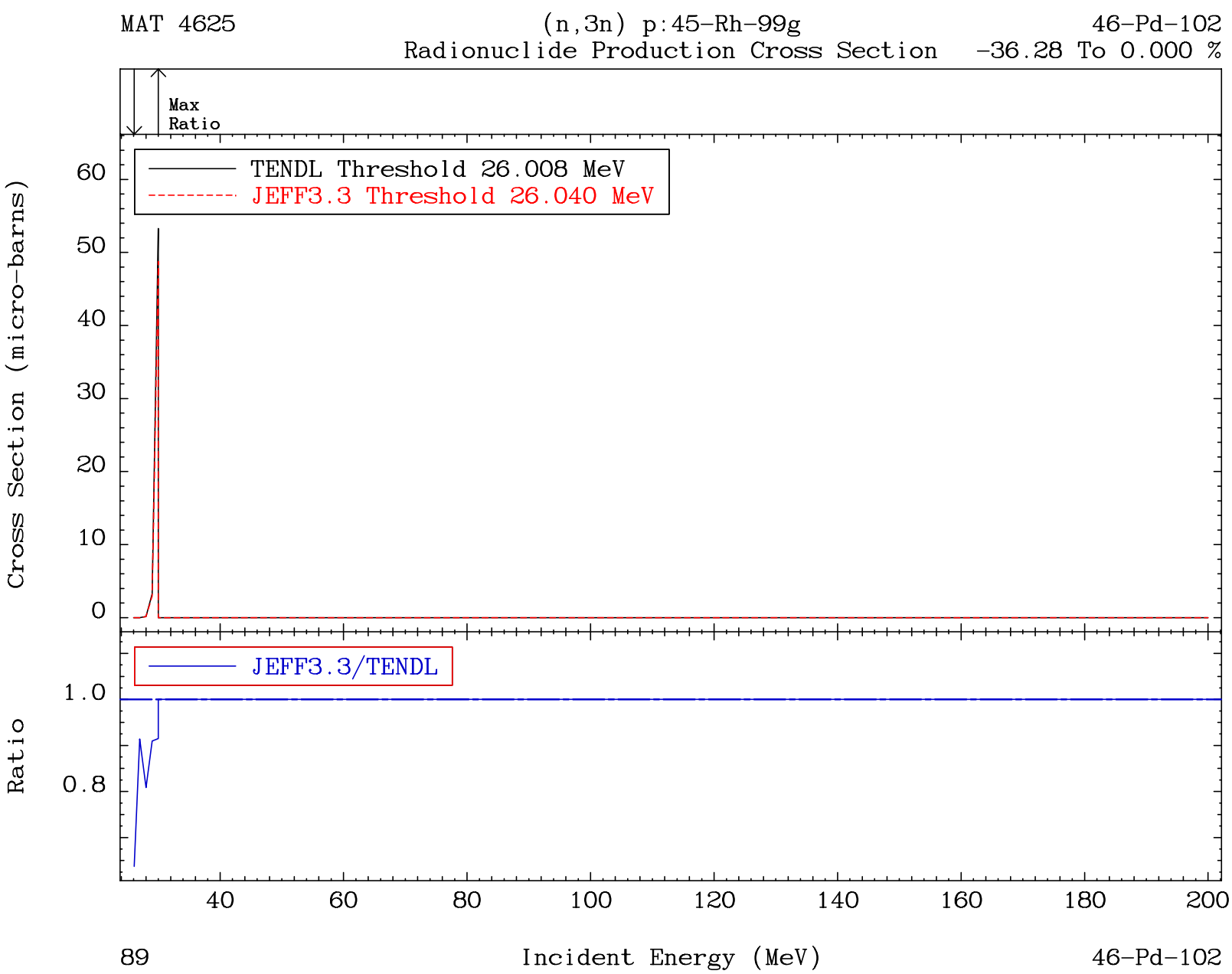

MAT 4625
(n,n') d:45-Rh-100m4
46-Pd-102
Radionuclide Production Cross Section
-44.54 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 15.709 MeV
JEFF3.3 Threshold 15.740 MeV
Cross Section (milli-barns)
12
10
8
6
4
2
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
2
3
4
5
6
7
8
9
10^8
2
84
Incident Energy (eV)
46-Pd-102

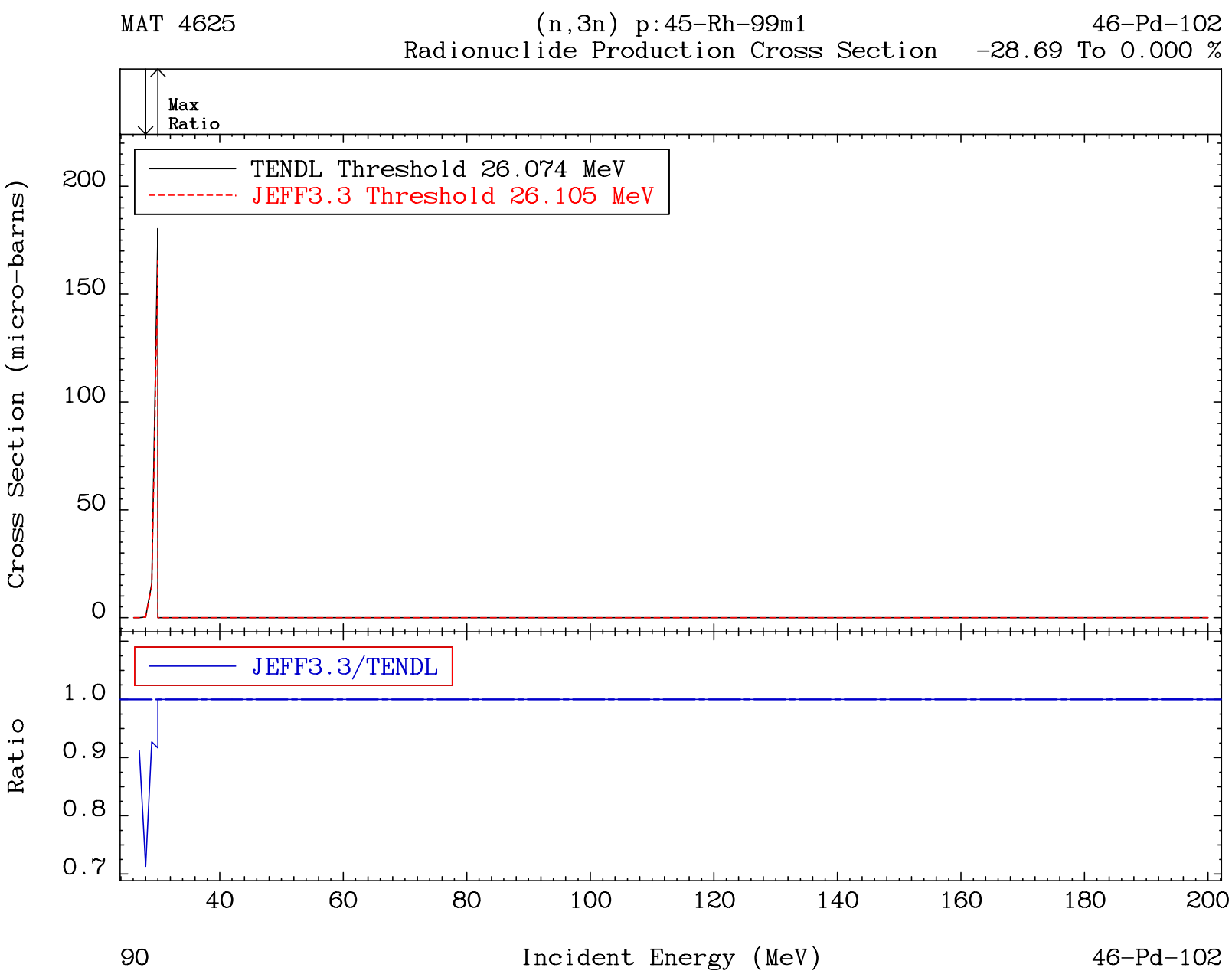

MAT 4625
(n,n') t:45-Rh-99g
46-Pd-102
Radionuclide Production Cross Section
-60.09 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 17.443 MeV
JEFF3.3 Threshold 17.474 MeV
Cross Section (milli-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
0.4
2
3
4
5
6
7
8
9
10^8
2
85
Incident Energy (eV)
46-Pd-102

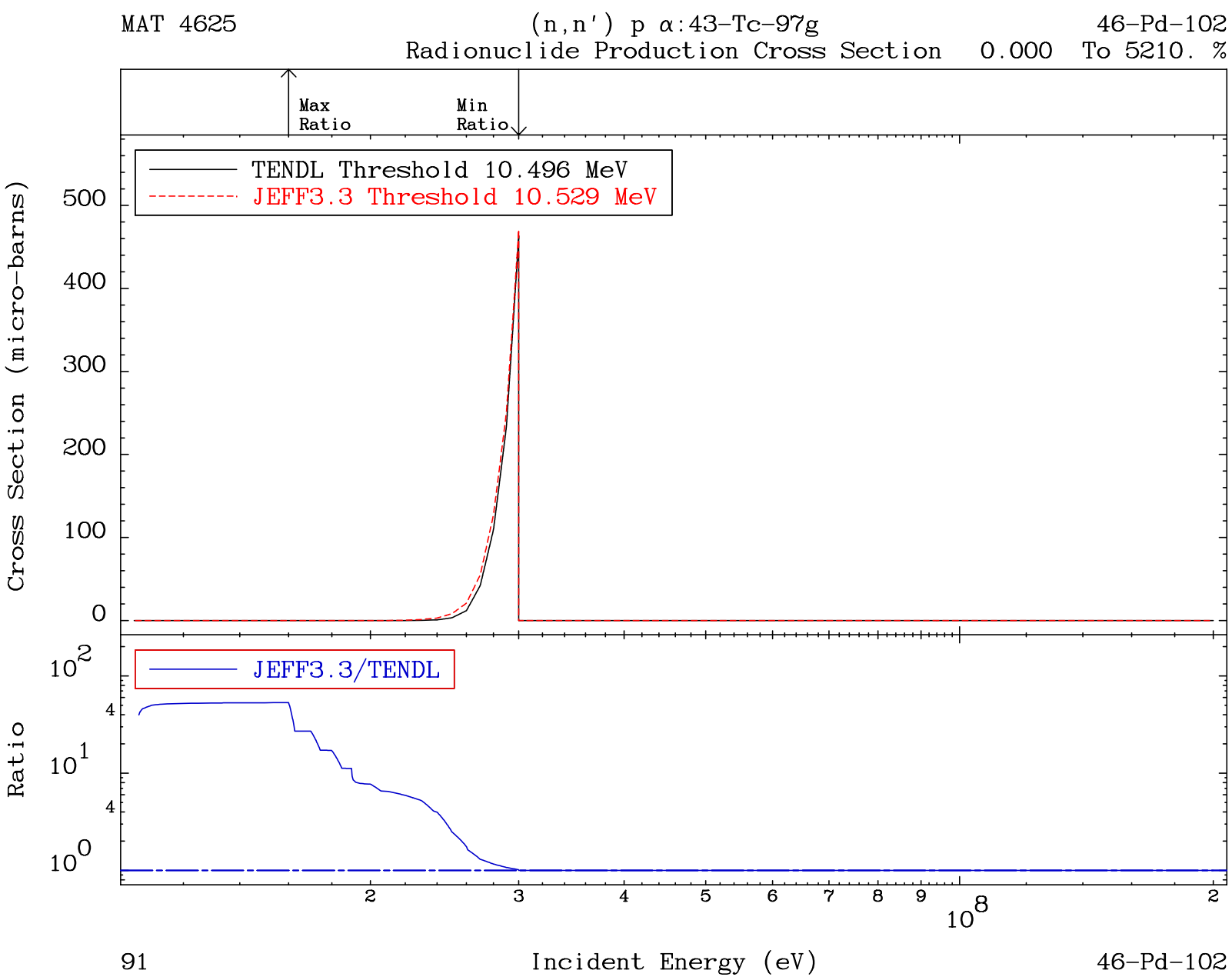

MAT 4625
(n,n') t:45-Rh-99m1
46-Pd-102
Radionuclide Production Cross Section
-30.42 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 17.508 MeV
JEFF3.3 Threshold 17.539 MeV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
0.7
2
3
4
5
6
7
8
9
10^8
2
86
Incident Energy (eV)
46-Pd-102

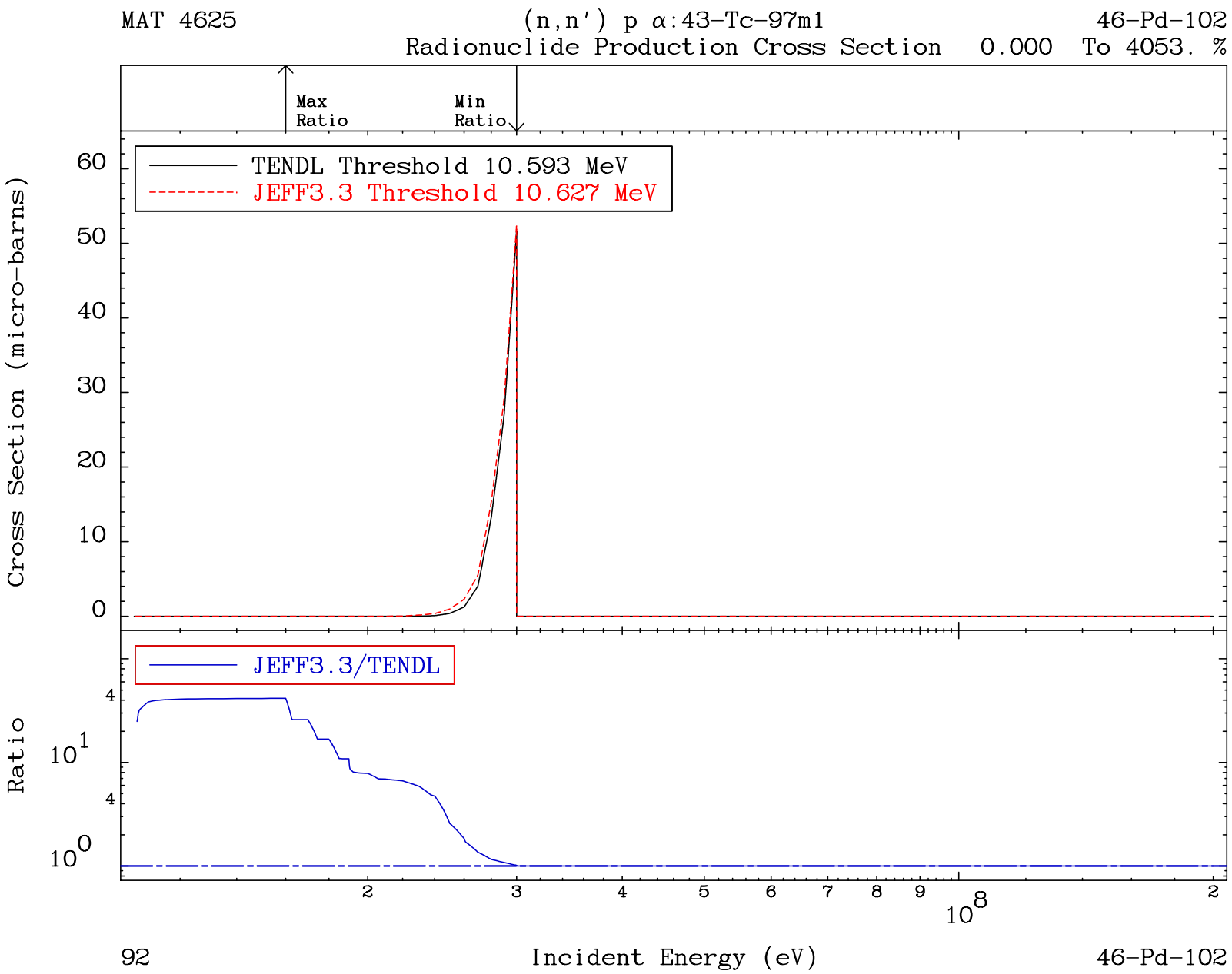

MAT 4625
(n,2n) p:45-Rh-100g
46-Pd-102
Radionuclide Production Cross Section
-63.91 To 0.149 %
Min Ratio
Max Ratio
TENDL Threshold 17.847 MeV
JEFF3.3 Threshold 17.878 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.2
1.0
0.8
0.6
0.4
2
3
4
5
6
7
8
9
10^8
2
87
Incident Energy (eV)
46-Pd-102

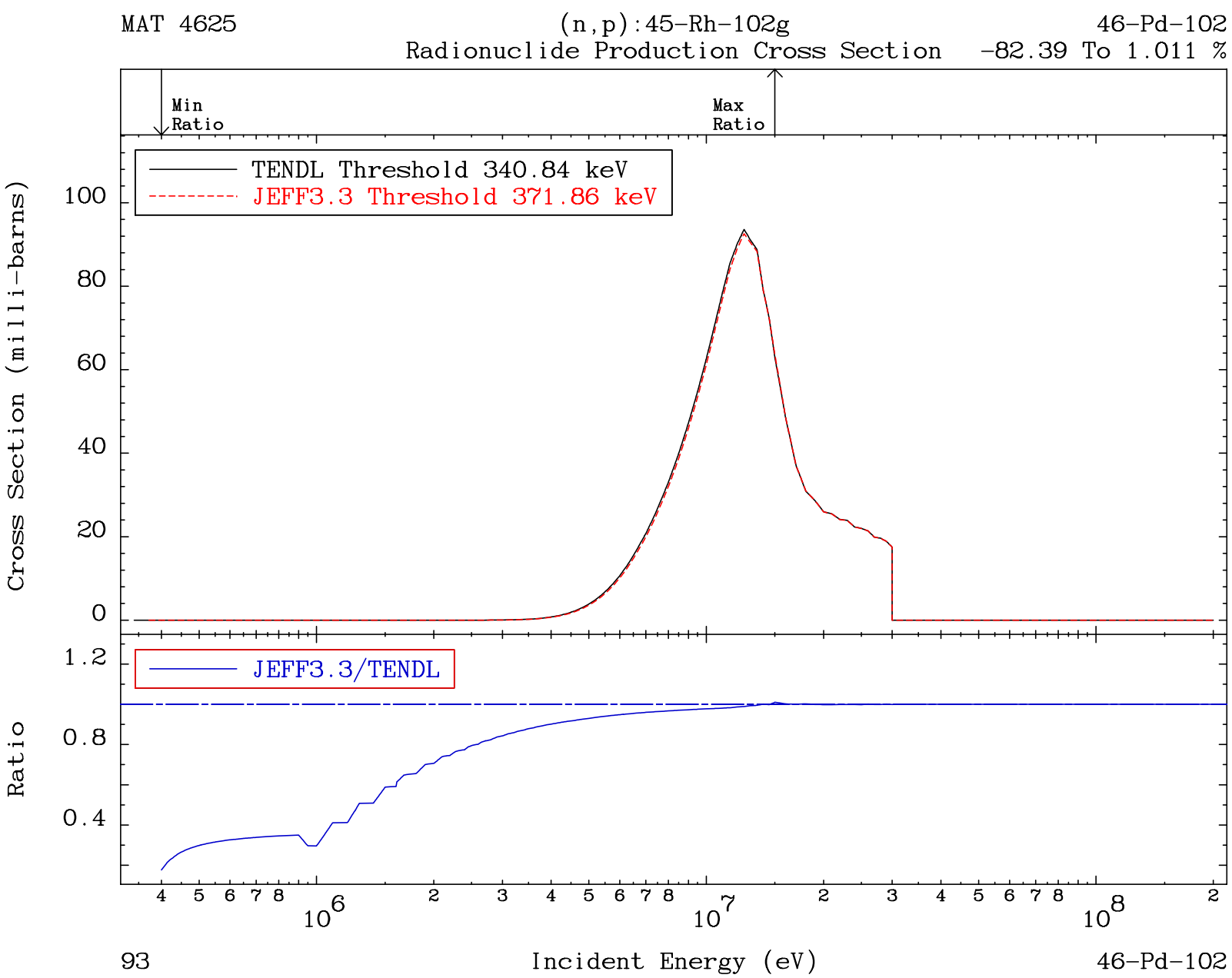

MAT 4625
(n,2n) p:45-Rh-100m4
46-Pd-102
Radionuclide Production Cross Section -66.21 To 0.015 %
Min Ratio
Max Ratio
TENDL Threshold 17.956 MeV
JEFF3.3 Threshold 17.987 MeV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
2
3
4
5
6
7
8
9
10^8
2
88
Incident Energy (eV)
46-Pd-102

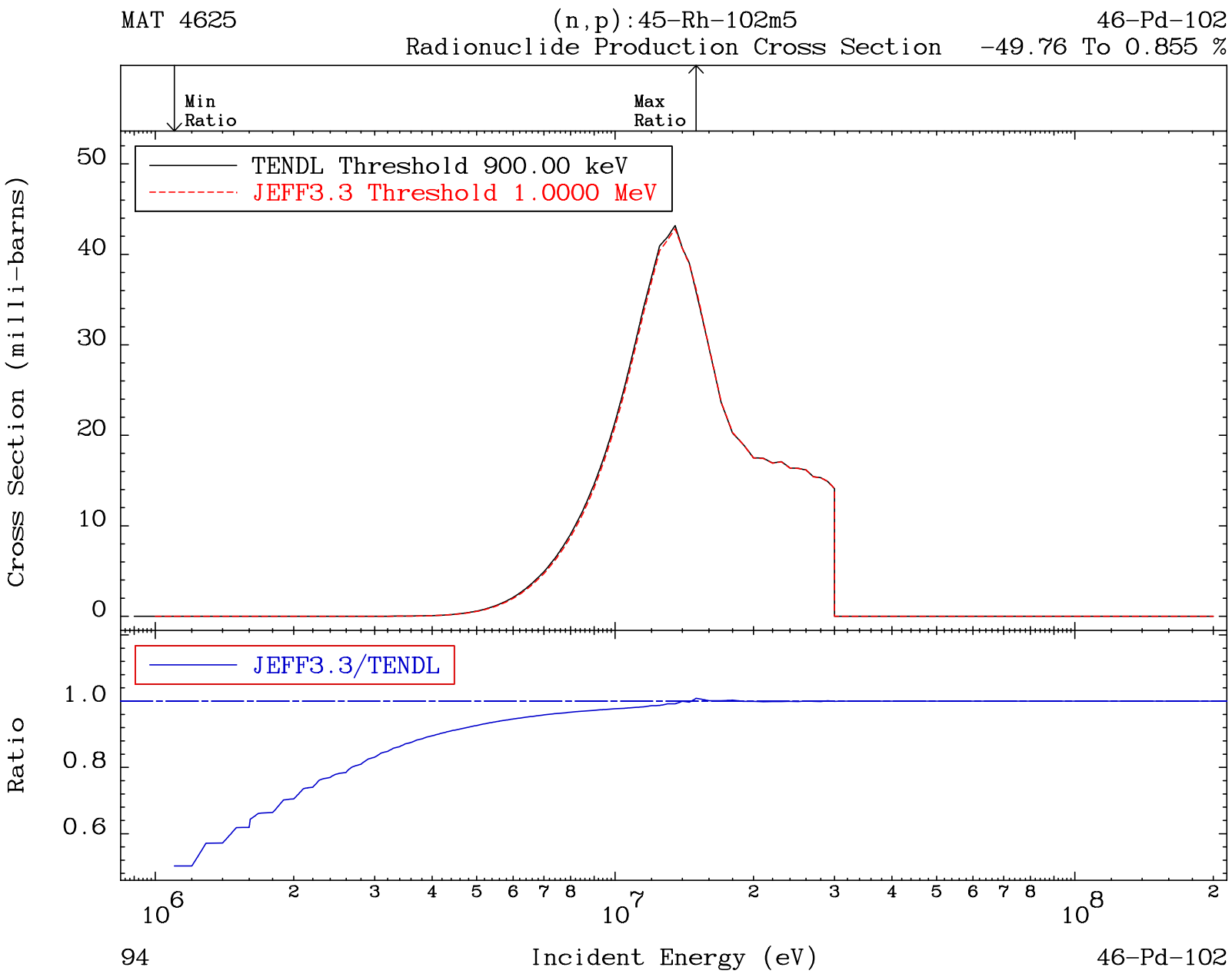

MAT 4625
(n,3n) p:45-Rh-99g
46-Pd-102
Radionuclide Production Cross Section
-36.28 To 0.000 %
Max
Ratio
TENDL Threshold 26.008 MeV
JEFF3.3 Threshold 26.040 MeV
Cross Section (micro-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.0
0.8
40
60
80
100
120
140
160
180
200
89
Incident Energy (MeV)
46-Pd-102

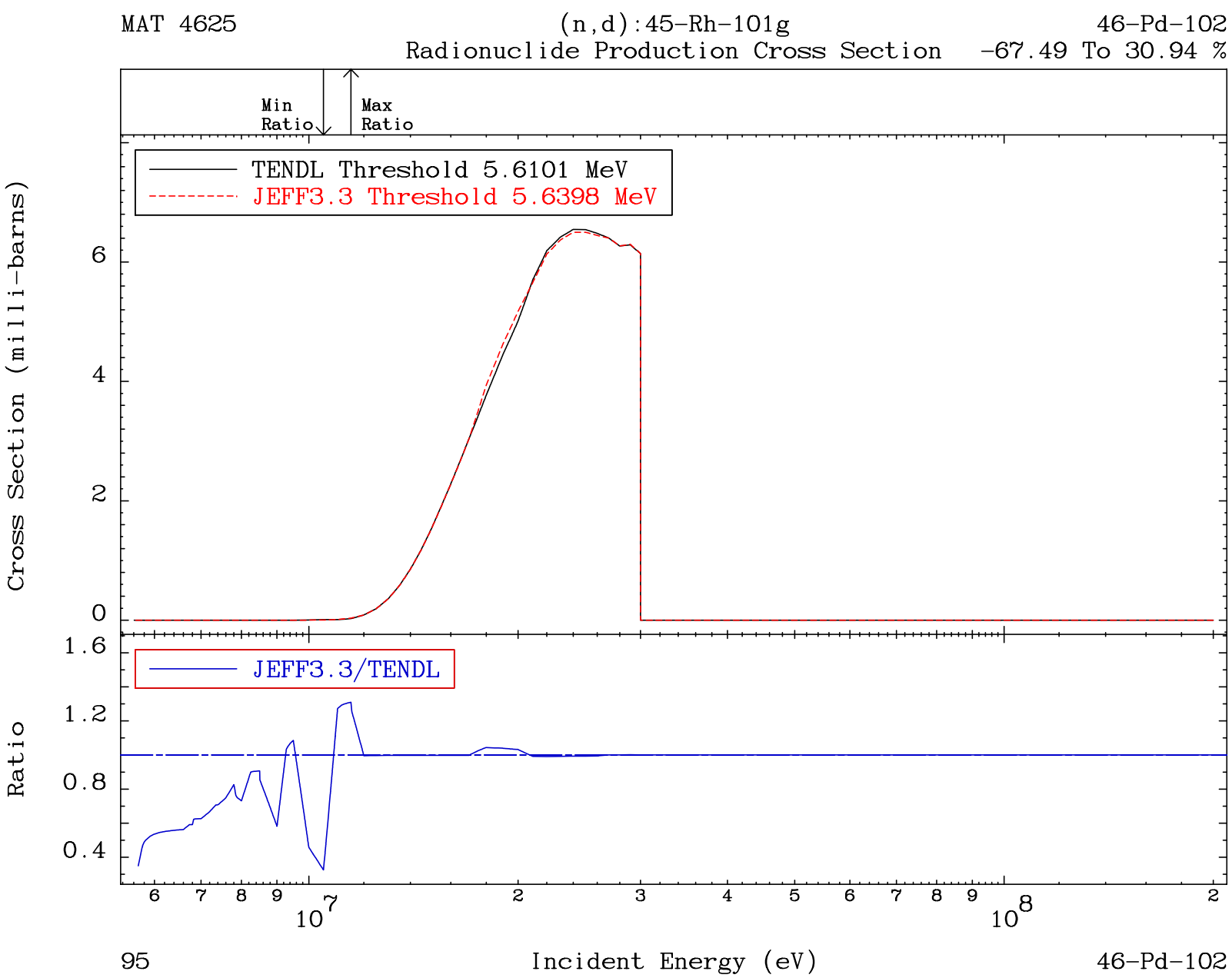

MAT 4625
(n,3n) p:45-Rh-99m1
46-Pd-102
Radionuclide Production Cross Section
-28.69 To 0.000 %
Max
Ratio
TENDL Threshold 26.074 MeV
JEFF3.3 Threshold 26.105 MeV
Cross Section (micro-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
0.7
40
60
80
100
120
140
160
180
200
90
Incident Energy (MeV)
46-Pd-102

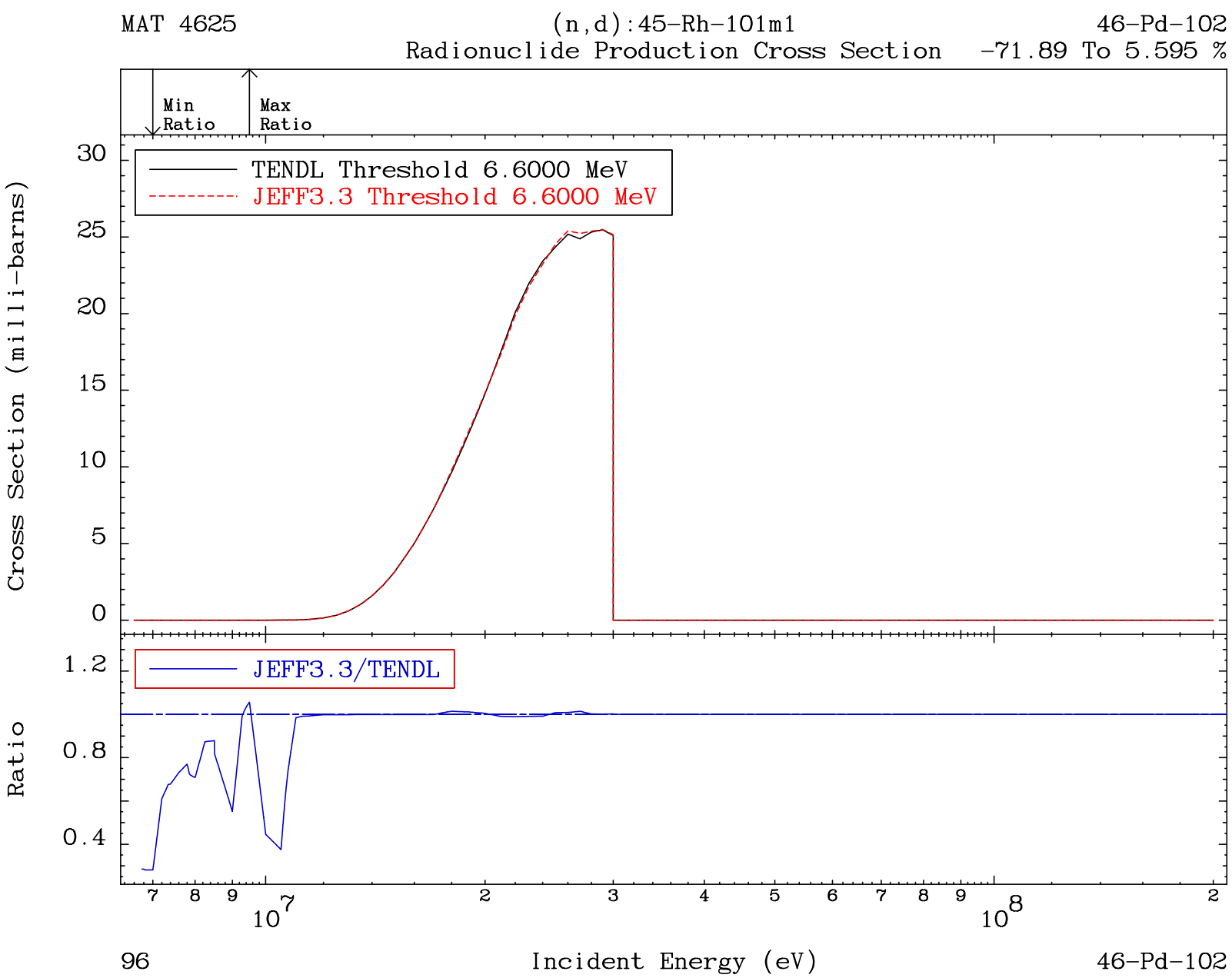

MAT 4625
(n,n') p α:43-Tc-97g
46-Pd-102
Radionuclide Production Cross Section 0.000 To 5210. %
Max Ratio
Min Ratio
TENDL Threshold 10.496 MeV
JEFF3.3 Threshold 10.529 MeV
Cross Section (micro-barns)
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
91
Incident Energy (eV)
46-Pd-102

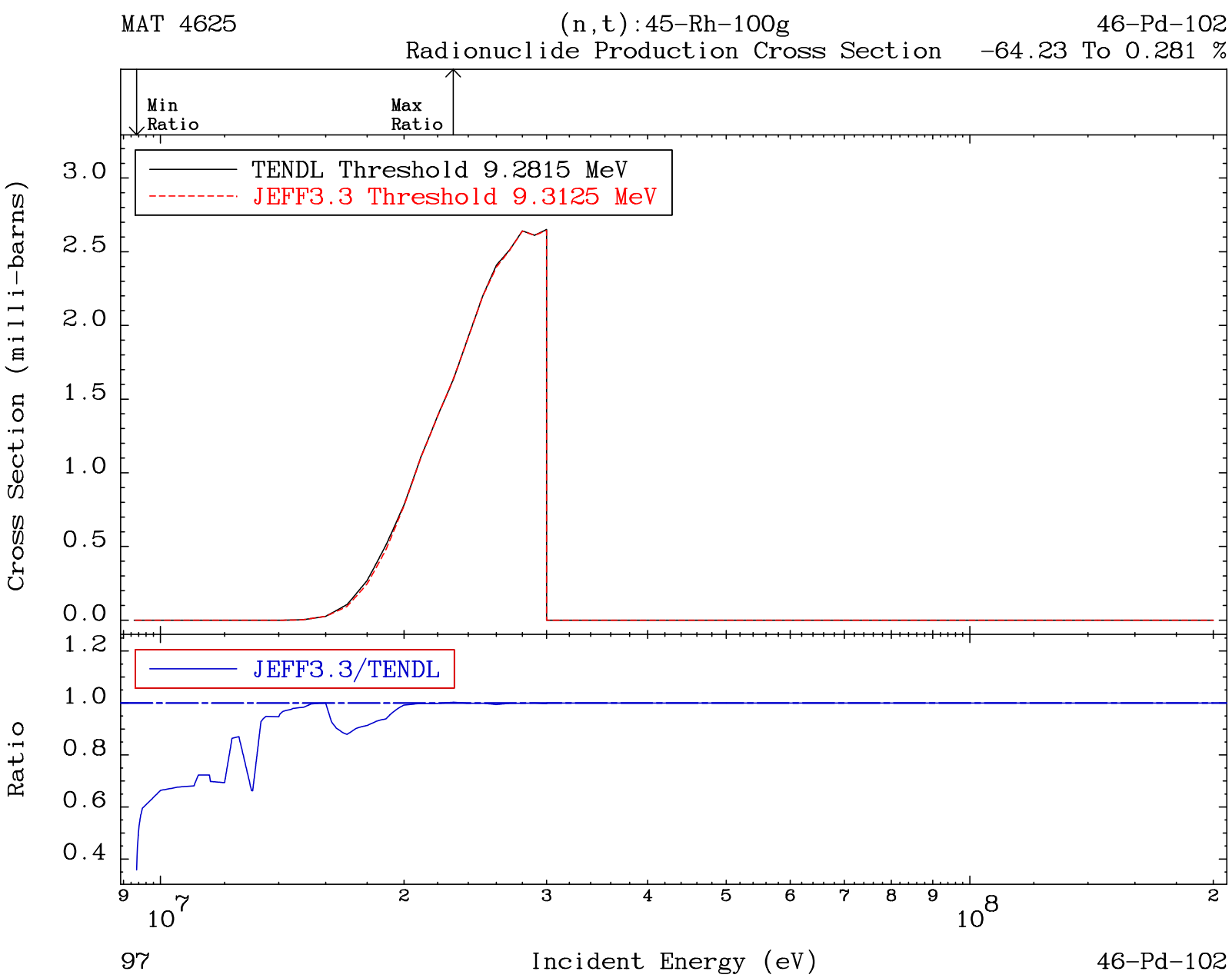

MAT 4625
(n,n') p α:43-Tc-97m1
46-Pd-102
Radionuclide Production Cross Section 0.000 To 4053. %
Max Ratio
Min Ratio
TENDL Threshold 10.593 MeV
JEFF3.3 Threshold 10.627 MeV
Cross Section (micro-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
92
Incident Energy (eV)
46-Pd-102

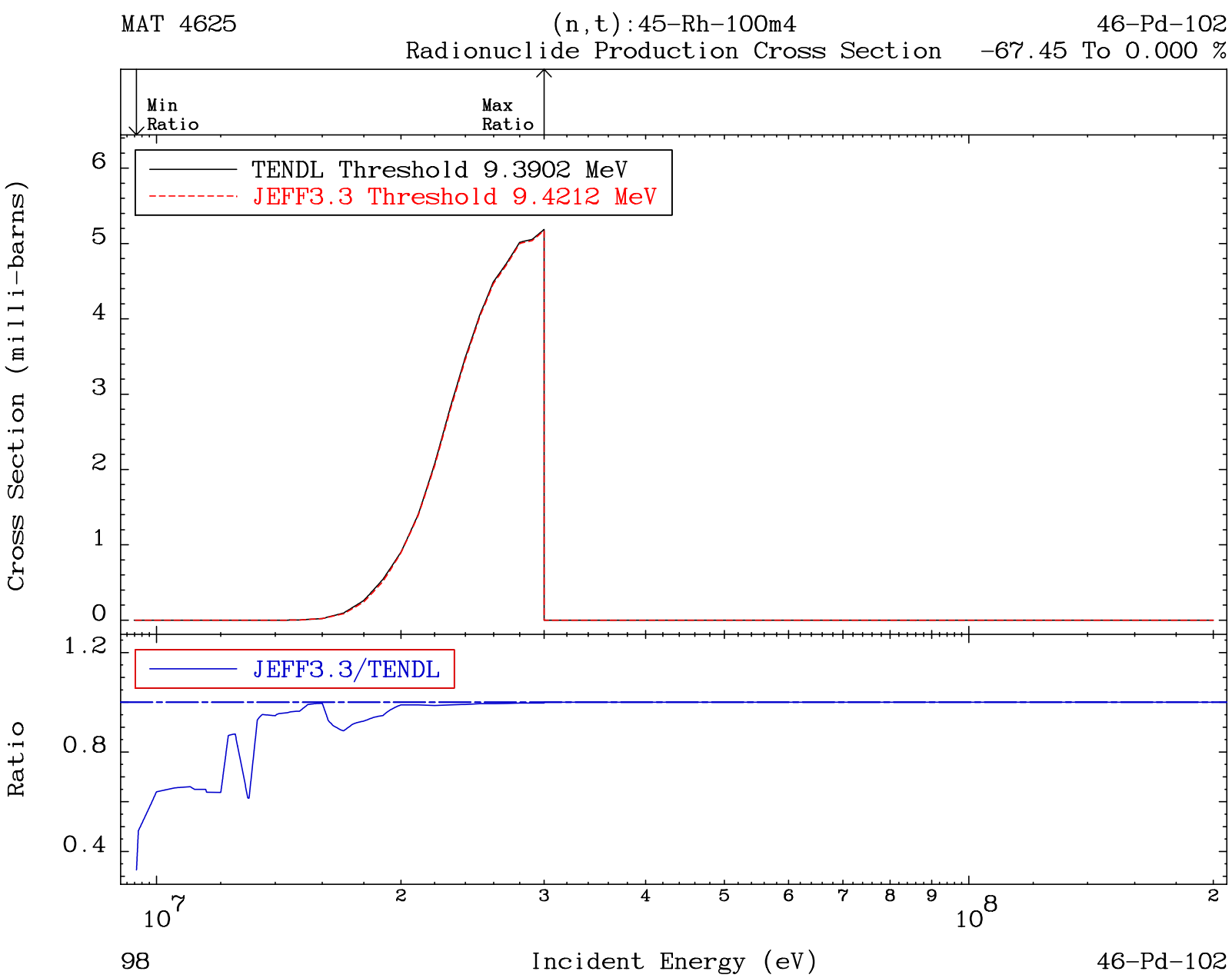

MAT 4625
(n,p):45-Rh-102g
46-Pd-102
Radionuclide Production Cross Section
-82.39 To 1.011 %
Min Ratio
Max Ratio
TENDL Threshold 340.84 keV
JEFF3.3 Threshold 371.86 keV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
93
Incident Energy (eV)
46-Pd-102

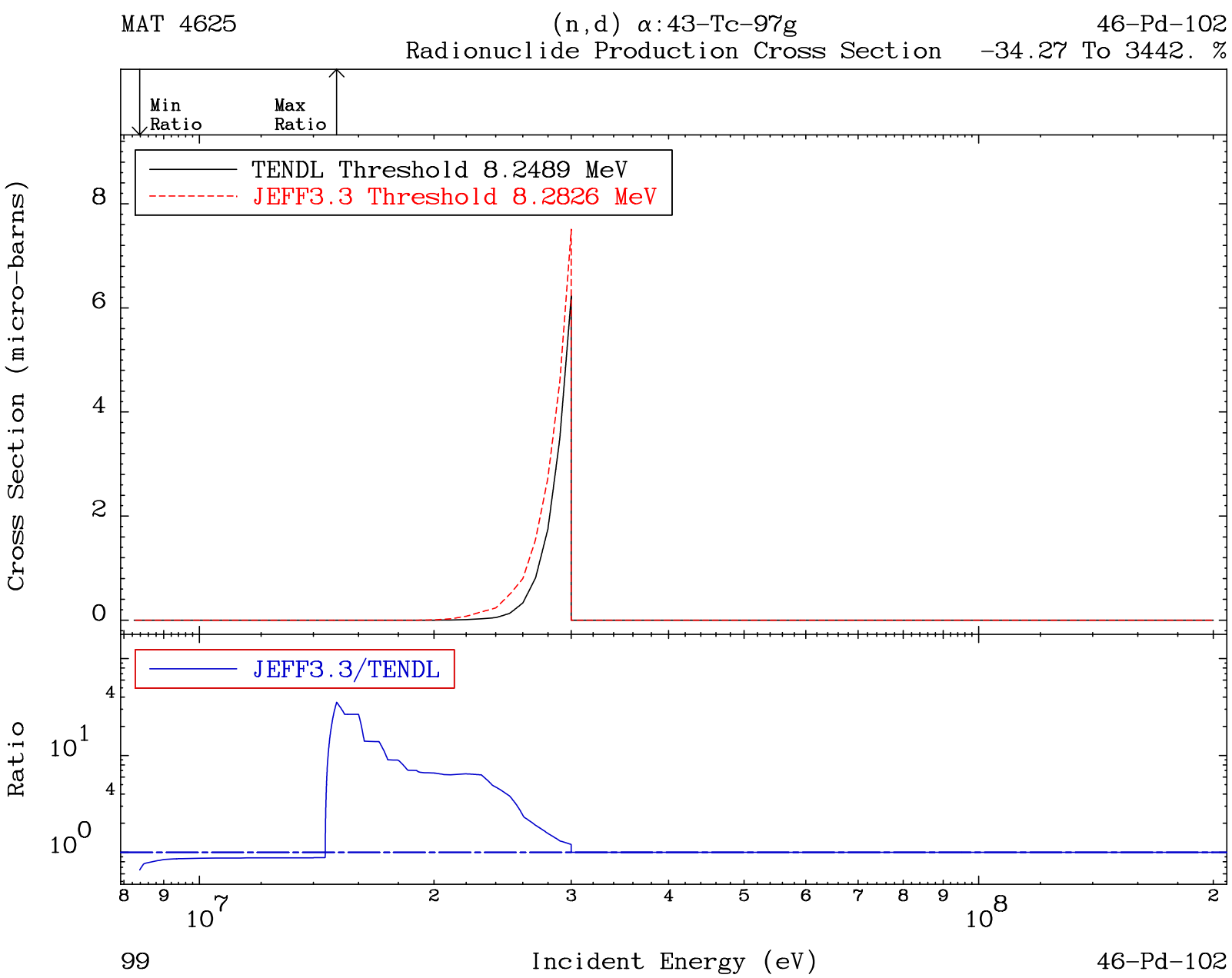

MAT 4625
(n,p):45-Rh-102m5
46-Pd-102
Radionuclide Production Cross Section
-49.76 To 0.855 %
Min Ratio
Max Ratio
TENDL Threshold 900.00 keV
JEFF3.3 Threshold 1.0000 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.0
0.8
0.6
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
94
Incident Energy (eV)
46-Pd-102

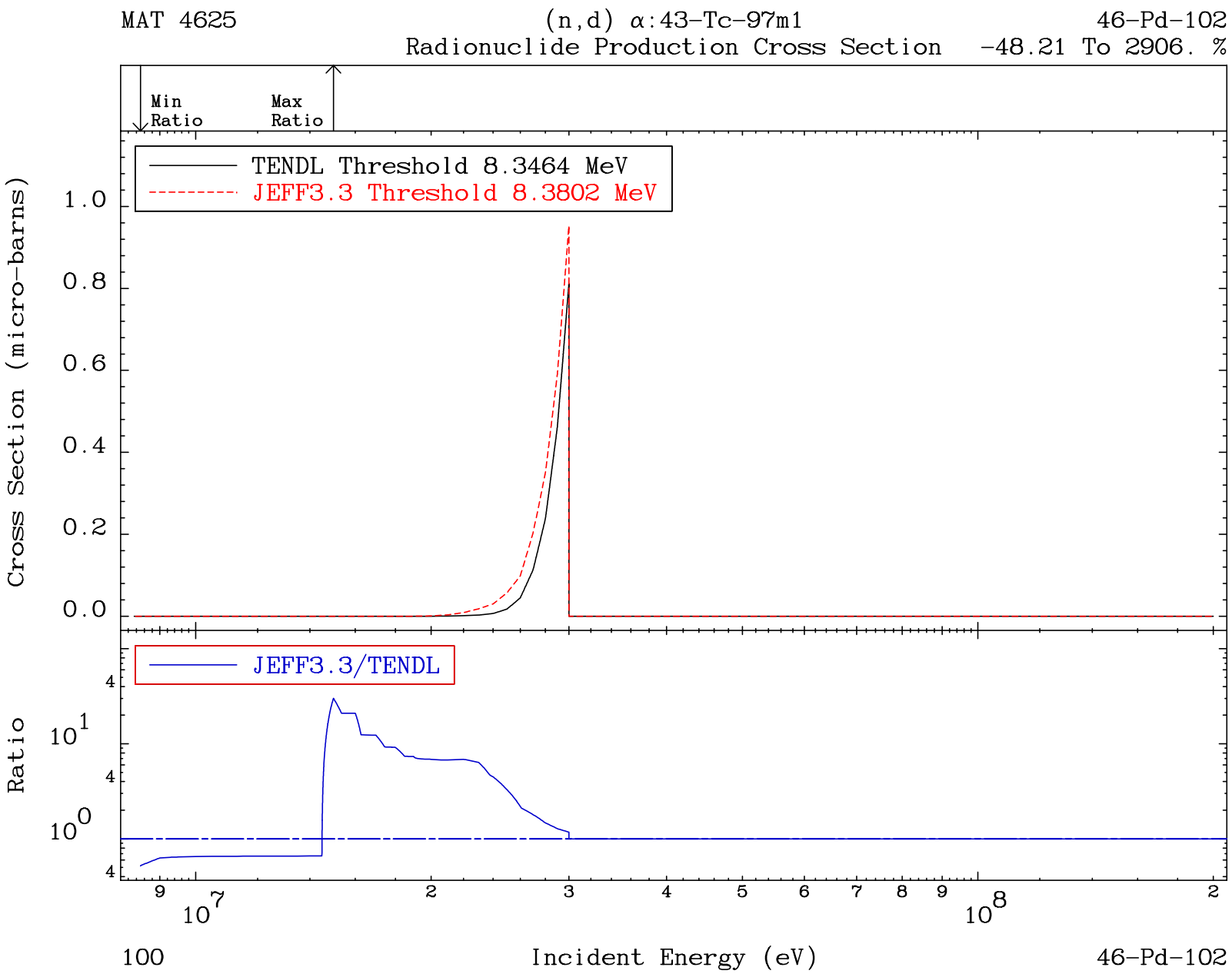

MAT 4625
(n,d):45-Rh-101g
46-Pd-102
Radionuclide Production Cross Section
-67.49 To 30.94 %
Min Ratio
Max Ratio
TENDL Threshold 5.6101 MeV
JEFF3.3 Threshold 5.6398 MeV
Cross Section (milli-barns)
0
2
4
6
JEFF3.3/TENDL
Ratio
0.4
0.8
1.2
1.6
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
95
Incident Energy (eV)
46-Pd-102


MAT 4625
(n,d):45-Rh-101m1
46-Pd-102
Radionuclide Production Cross Section
-71.89 To 5.595 %
Min Ratio
Max Ratio
TENDL Threshold 6.6000 MeV
JEFF3.3 Threshold 6.6000 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
96
Incident Energy (eV)
46-Pd-102


MAT 4625
(n,t):45-Rh-100g
46-Pd-102
Radionuclide Production Cross Section
-64.23 To 0.281 %
Min Ratio
Max Ratio
TENDL Threshold 9.2815 MeV
JEFF3.3 Threshold 9.3125 MeV
Cross Section (milli-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.2
1.0
0.8
0.6
0.4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
97
Incident Energy (eV)
46-Pd-102


MAT 4625
(n,t):45-Rh-100m4
46-Pd-102
Radionuclide Production Cross Section
-67.45 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 9.3902 MeV
JEFF3.3 Threshold 9.4212 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
JEFF3.3/TENDL
Ratio
0.4
0.8
1.2
10^7
2
3
4
5
6
7
8
9
10^8
2
98
Incident Energy (eV)
46-Pd-102


MAT 4625
(n,d) α:43-Tc-97g
46-Pd-102
Radionuclide Production Cross Section
-34.27 To 3442. %
Min Ratio
Max Ratio
TENDL Threshold 8.2489 MeV
JEFF3.3 Threshold 8.2826 MeV
Cross Section (micro-barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
10^0
10^1
4
4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
99
Incident Energy (eV)
46-Pd-102


MAT 4625
(n,d) α:43-Tc-97m1
46-Pd-102
Radionuclide Production Cross Section -48.21 To 2906. %
Min Ratio
Max Ratio
TENDL Threshold 8.3464 MeV
JEFF3.3 Threshold 8.3802 MeV
Cross Section (micro-barns)
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
10^1
10^0
4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
100
Incident Energy (eV)
46-Pd-102