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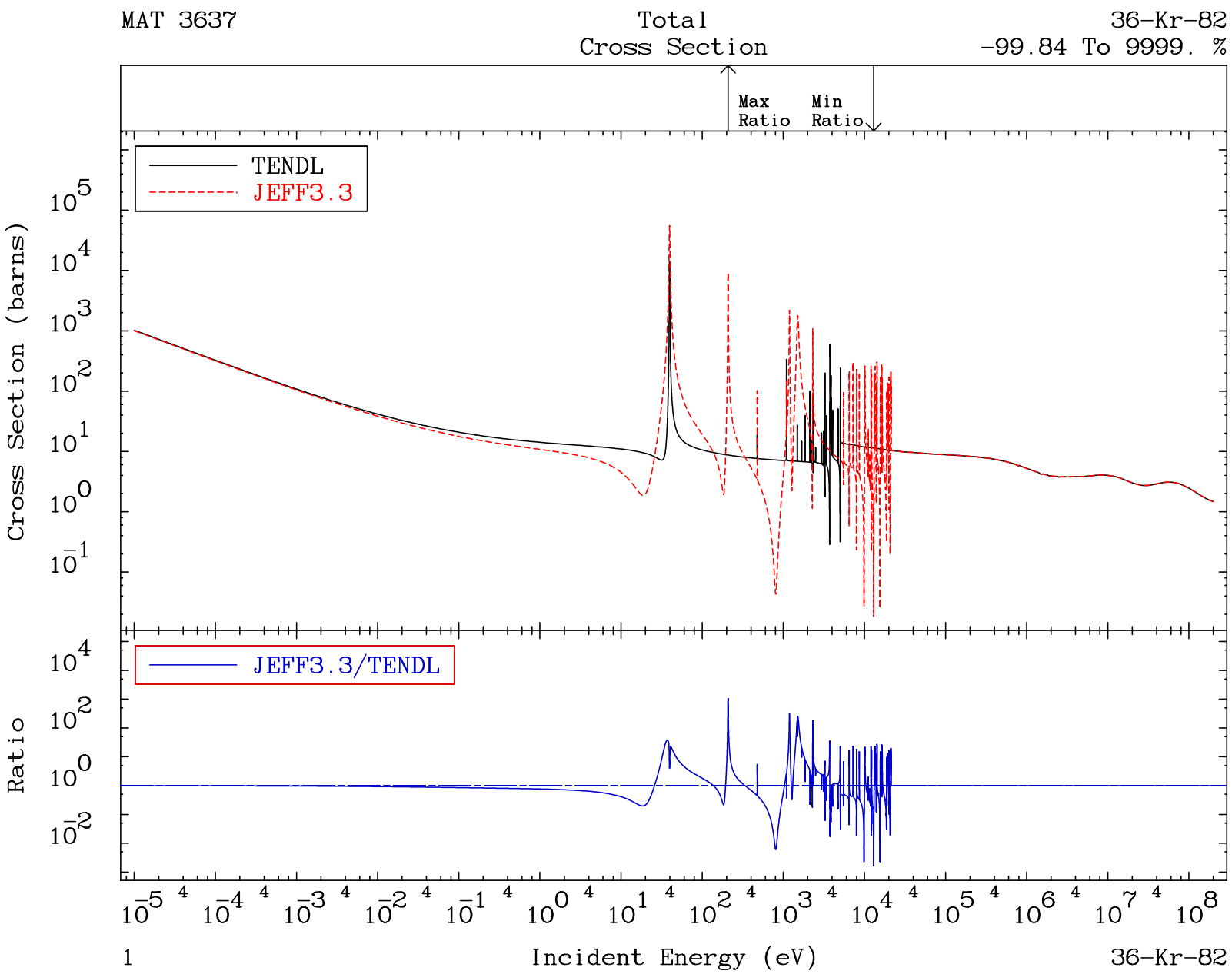
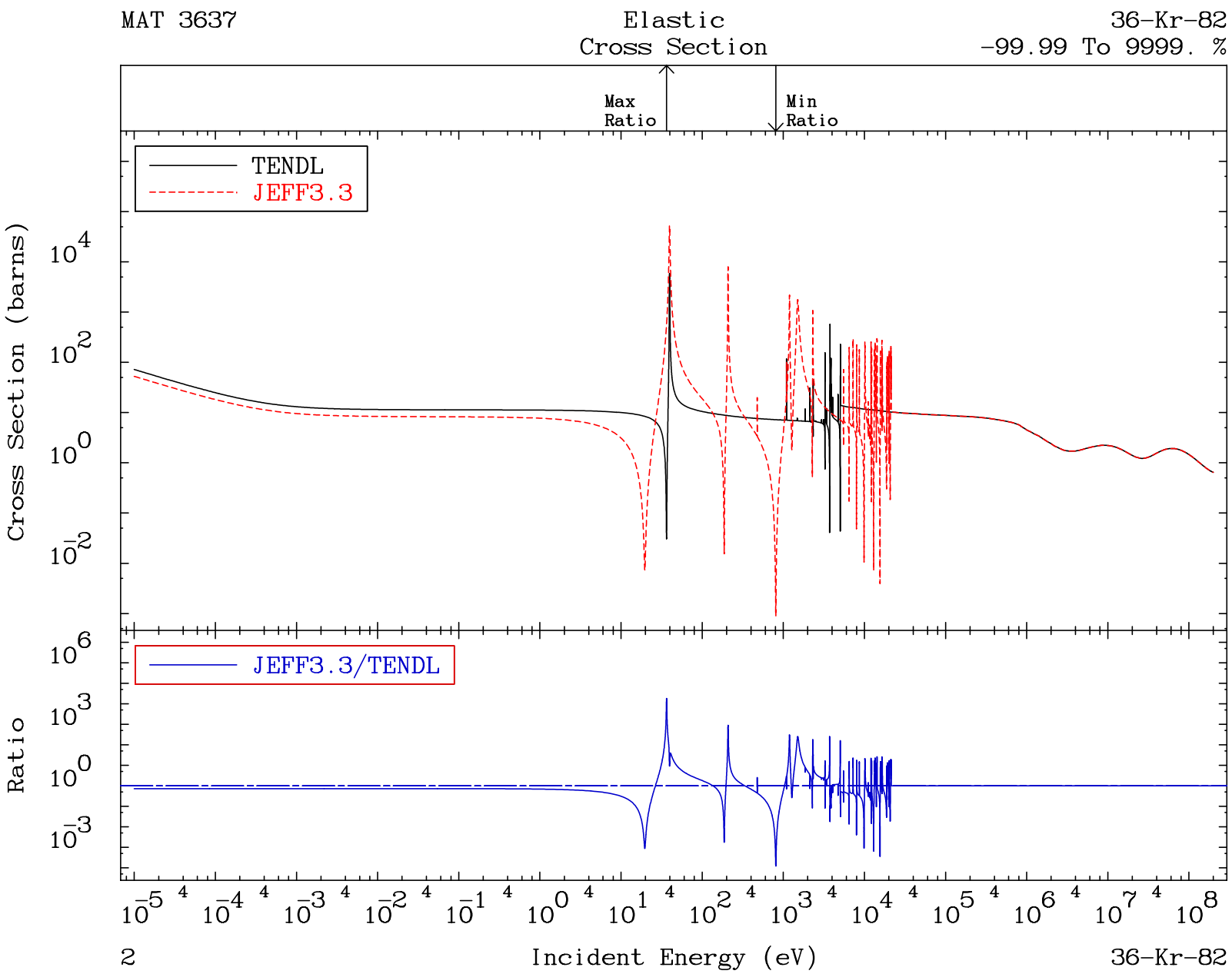
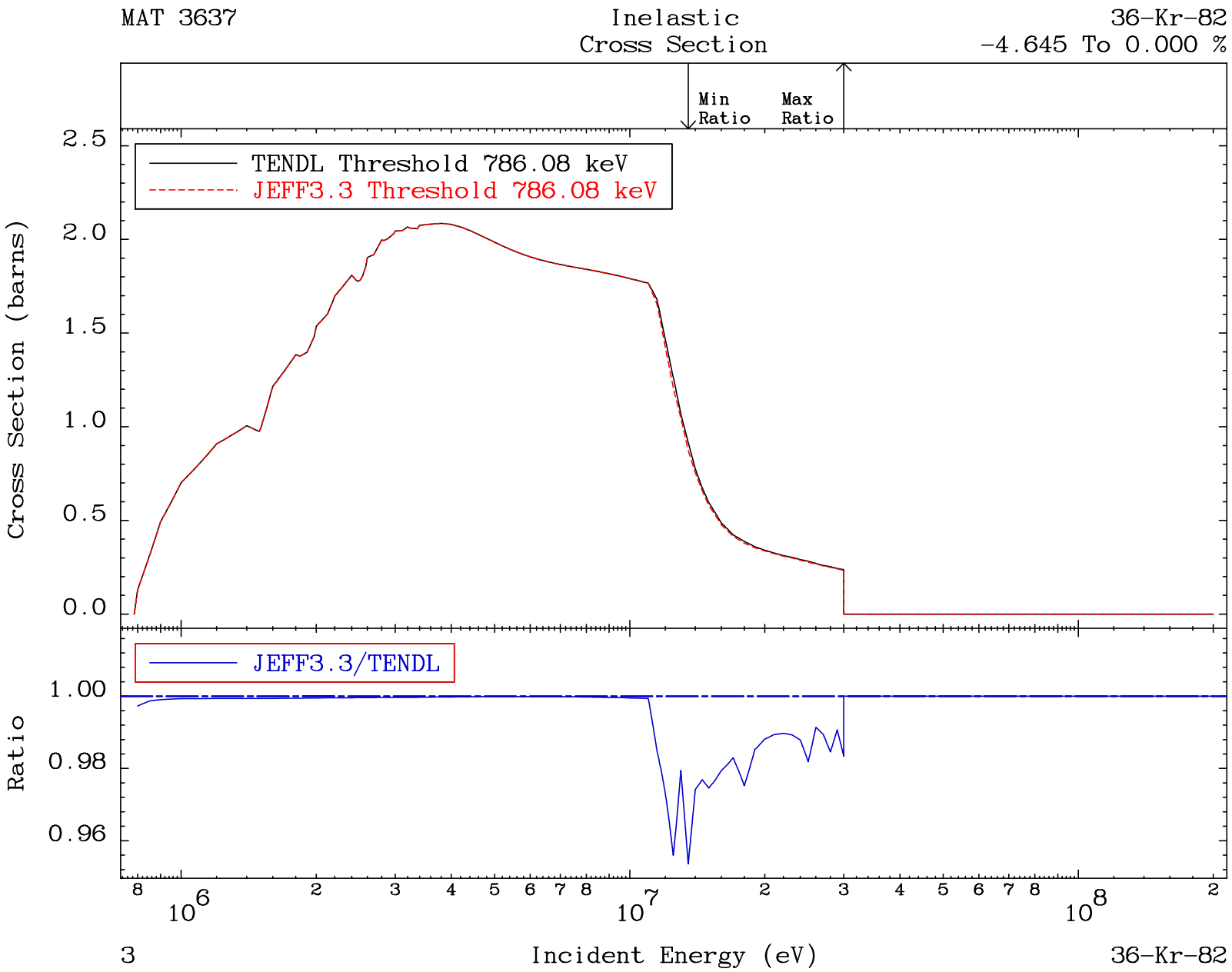
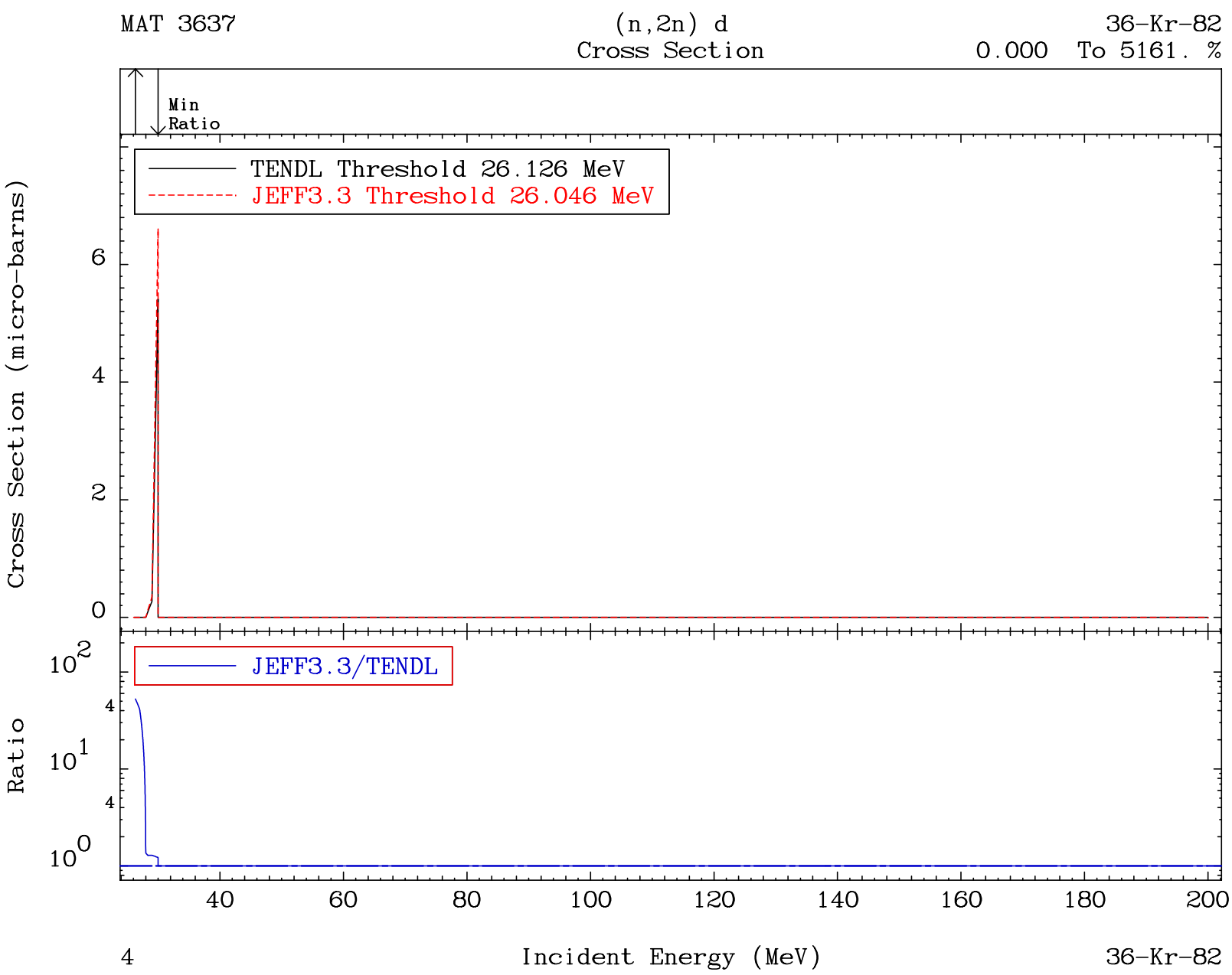
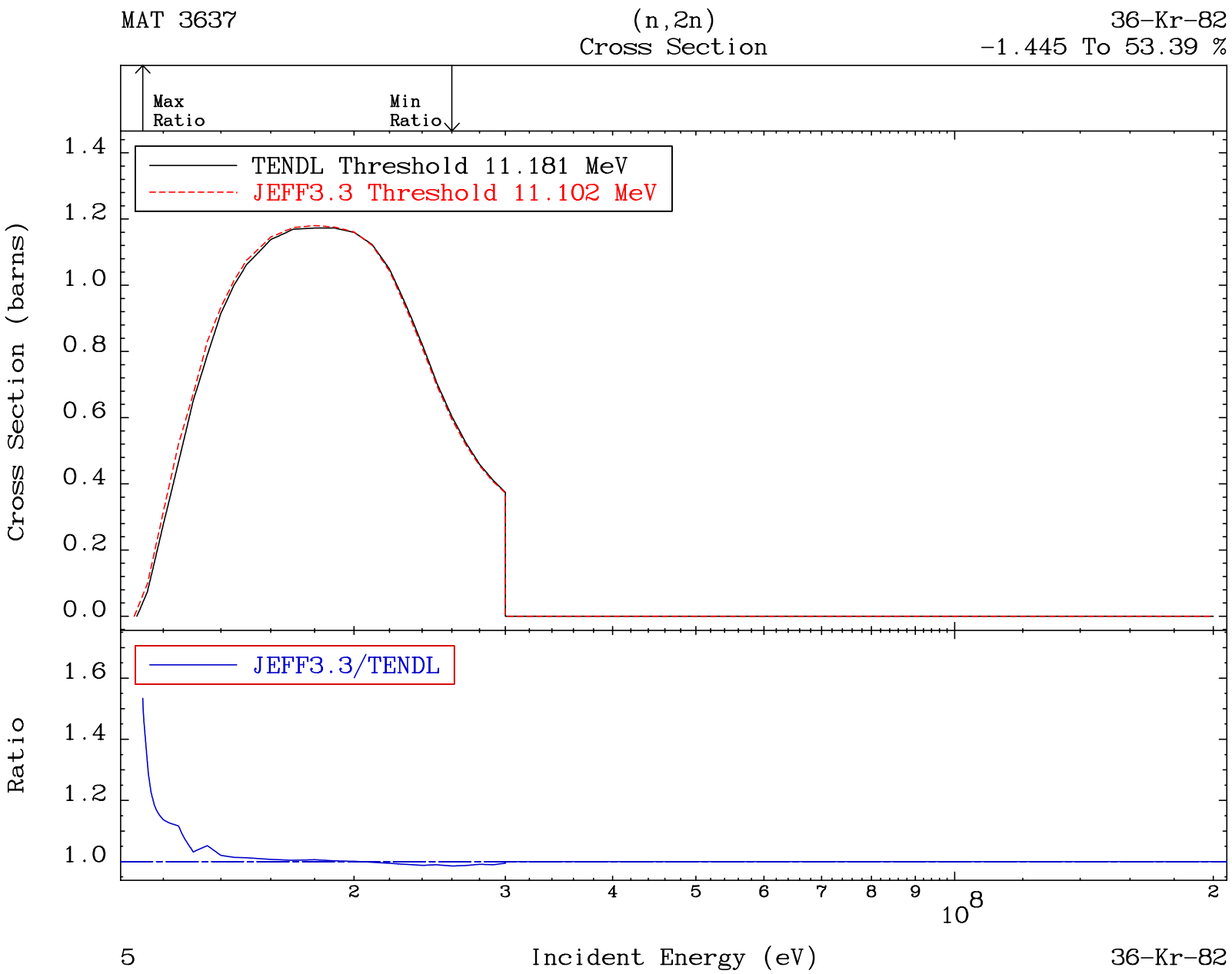
Press Mouse Button to Start

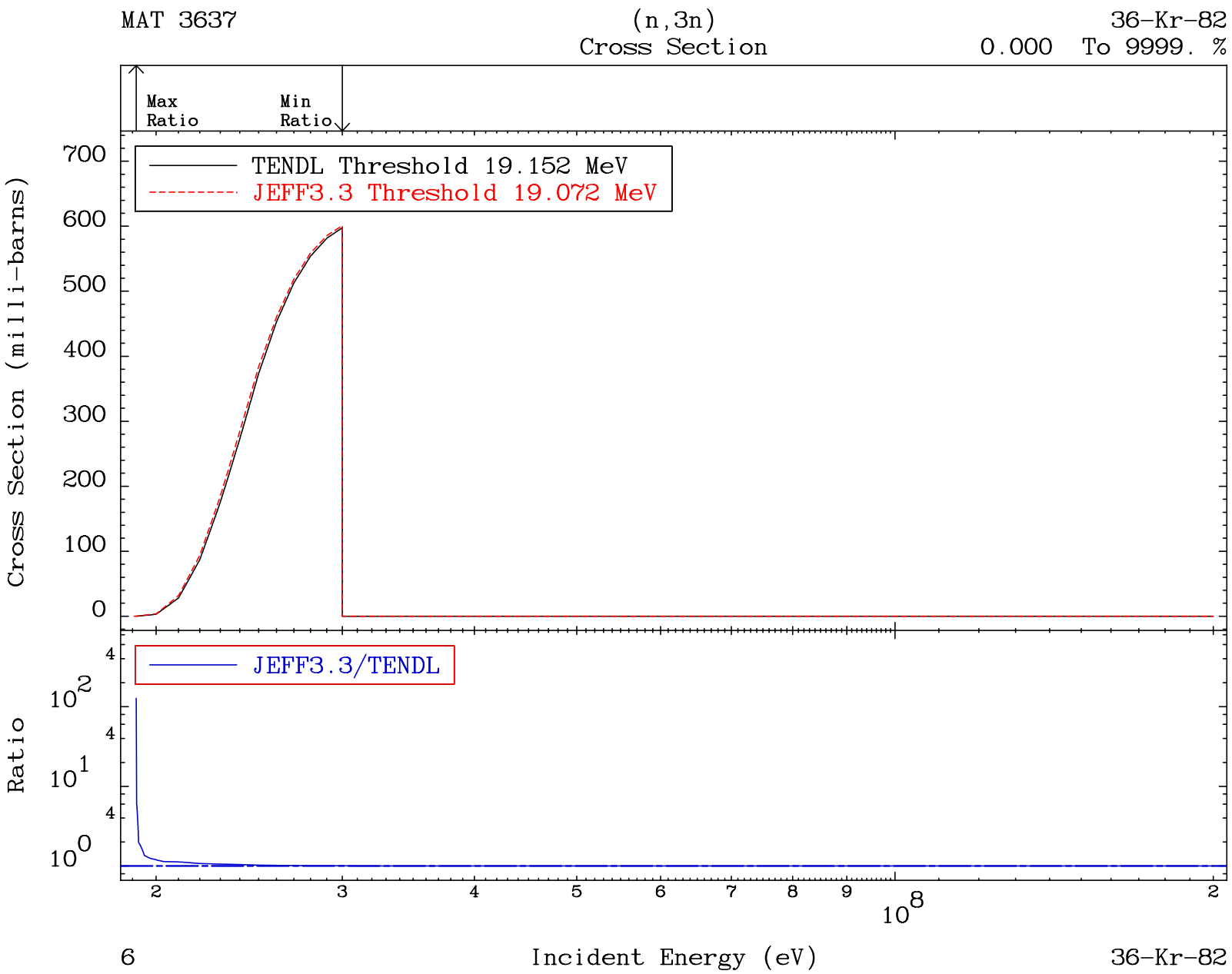

MAT 3637
Total
Cross Section
36-Kr-82
-99.84 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
1
36-Kr-82

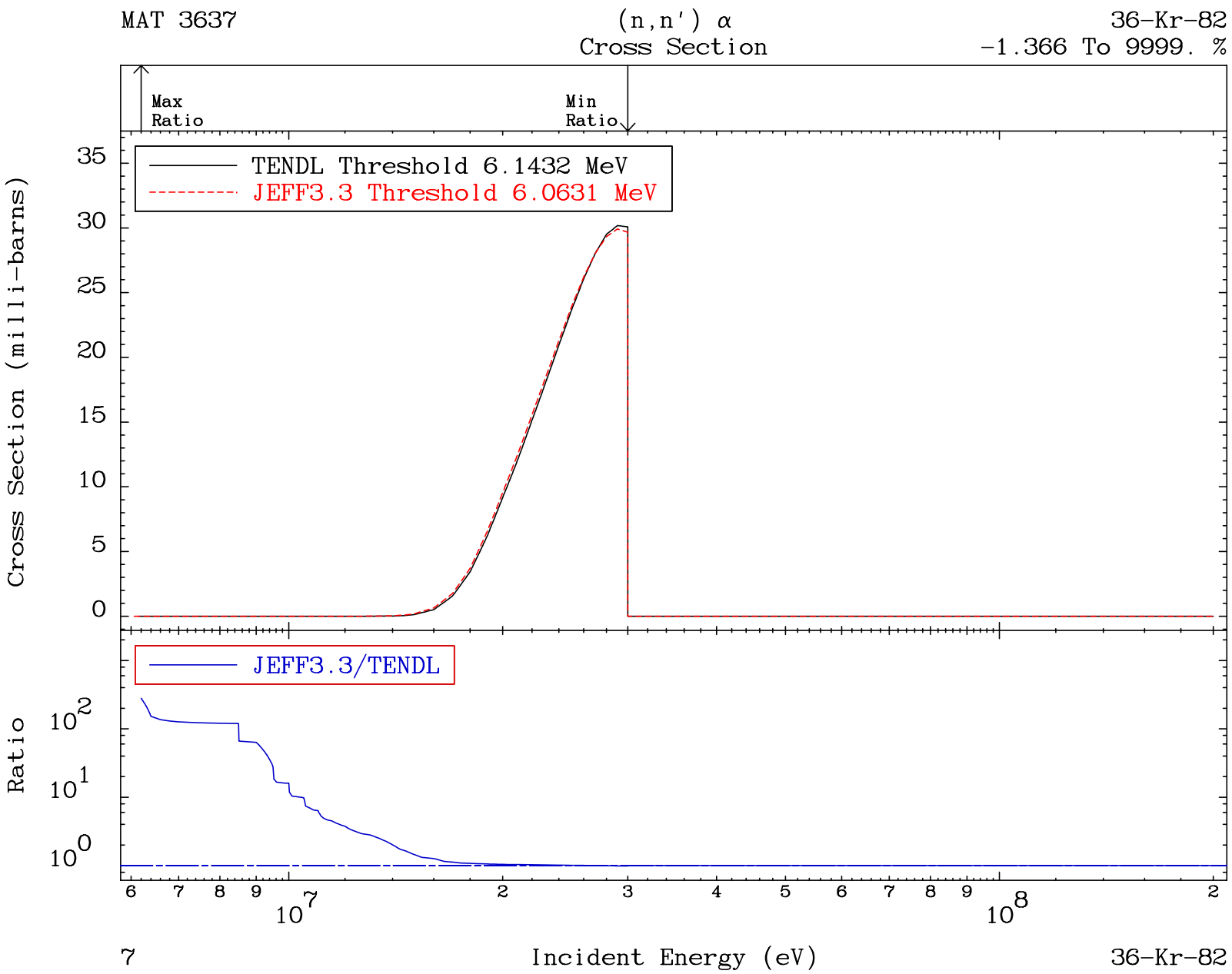

MAT 3637
Elastic
Cross Section
36-Kr-82
-99.99 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
2
36-Kr-82

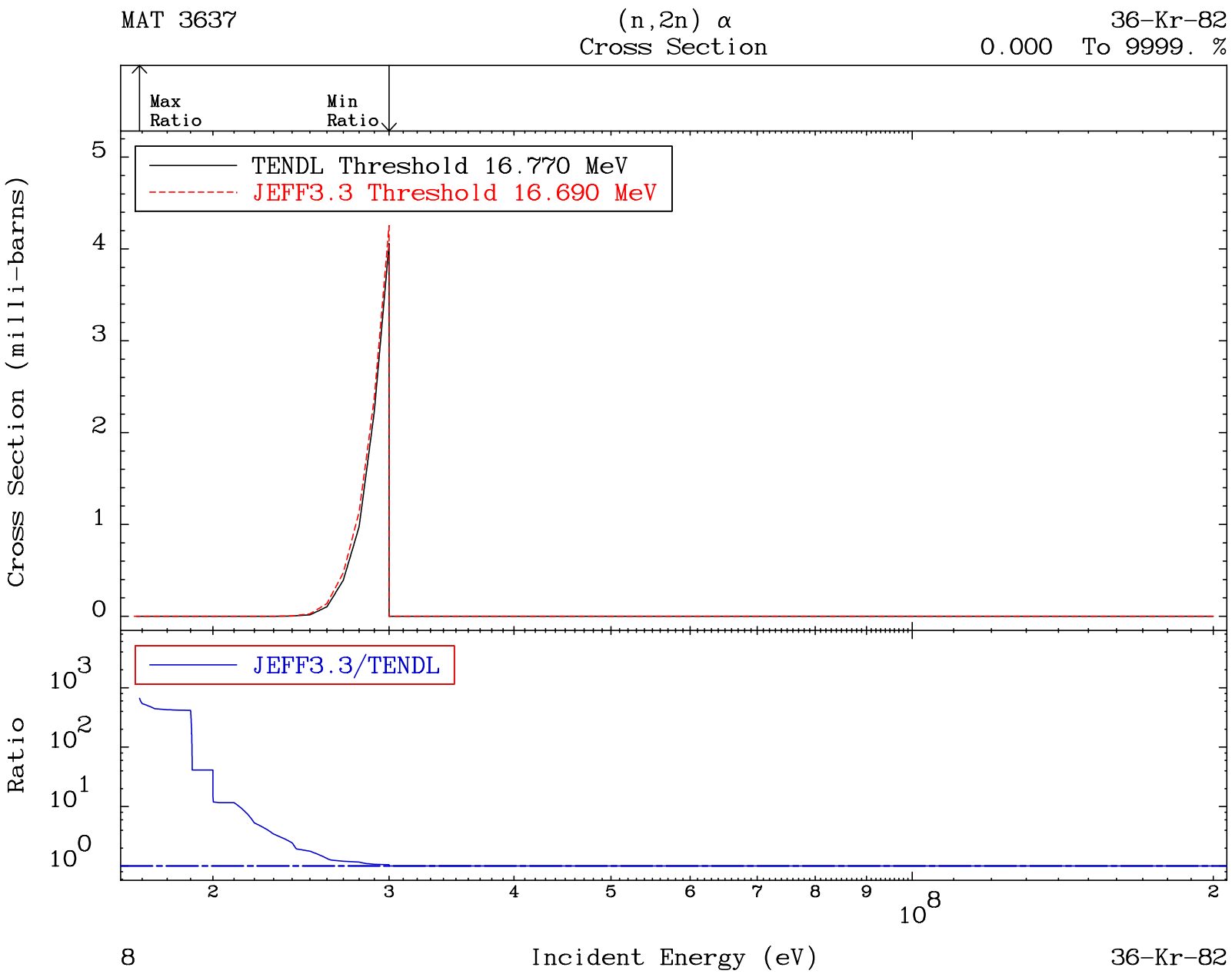

MAT 3637
Inelastic
Cross Section
36-Kr-82
-4.645 To 0.000 %
Min
Ratio
Max
Ratio
TENDL Threshold 786.08 keV
JEFF3.3 Threshold 786.08 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.00
0.98
0.96
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
36-Kr-82

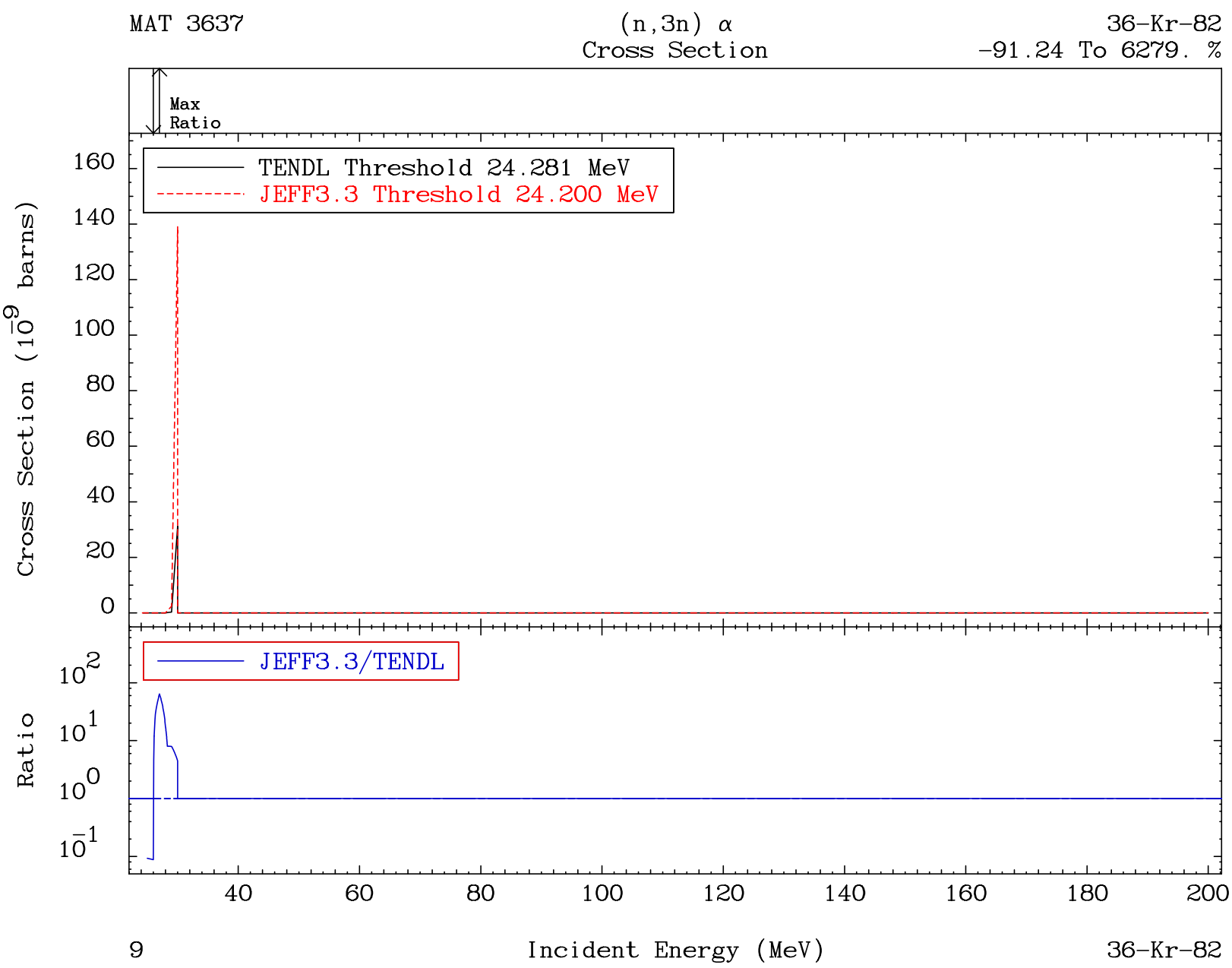

MAT 3637
(n,2n) d
Cross Section
36-Kr-82
0.000 To 5161. %
Min
Ratio
TENDL Threshold 26.126 MeV
JEFF3.3 Threshold 26.046 MeV
Cross Section (micro-barns)
0
2
4
6
JEFF3.3/TENDL
Ratio
10^0
10^1
10^2
40
60
80
100
120
140
160
180
200
Incident Energy (MeV)
4
36-Kr-82

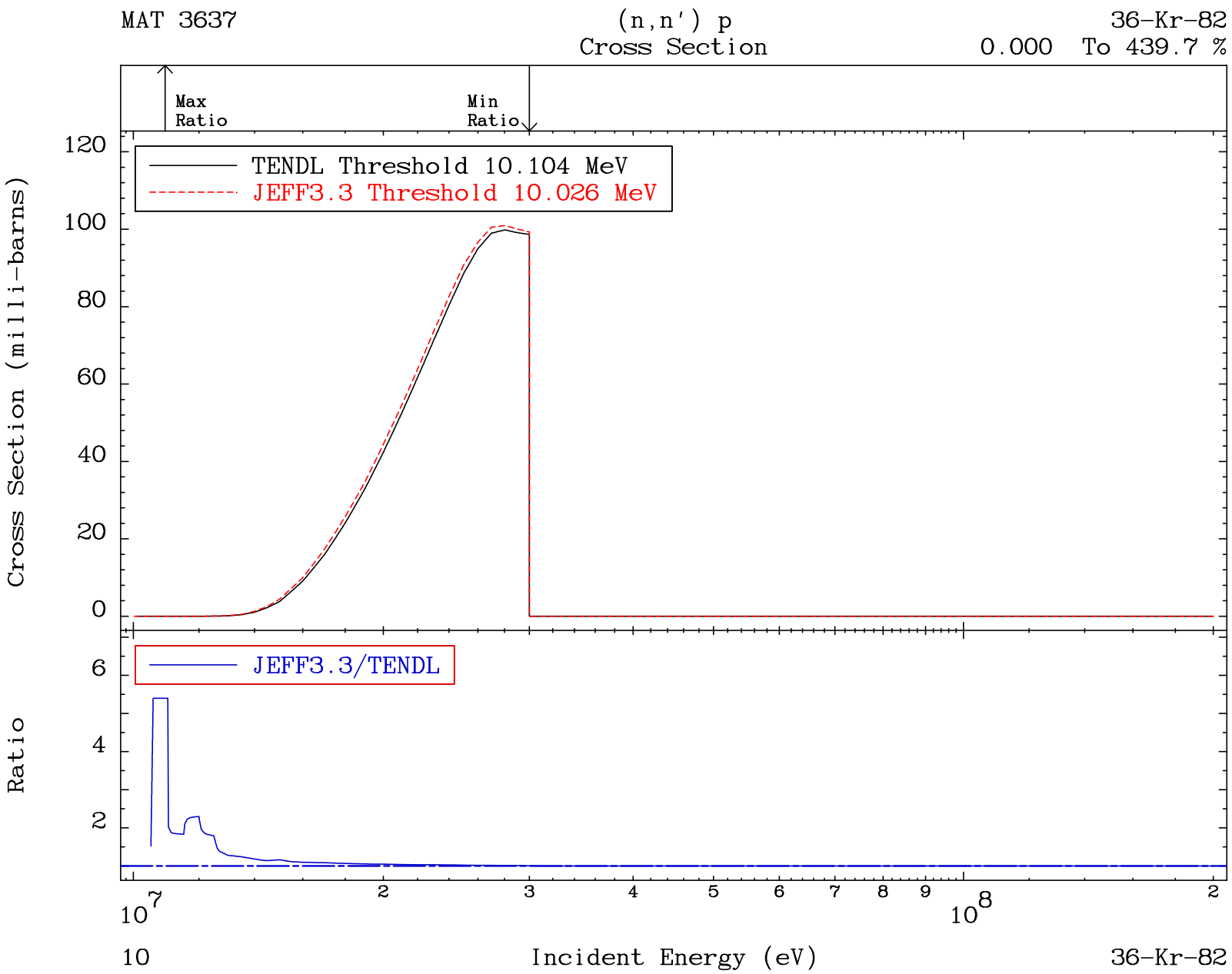

MAT 3637
(n,2n)
Cross Section
36-Kr-82
-1.445 To 53.39 %
Max Ratio
Min Ratio
TENDL Threshold 11.181 MeV
JEFF3.3 Threshold 11.102 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.6
1.4
1.2
1.0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
36-Kr-82

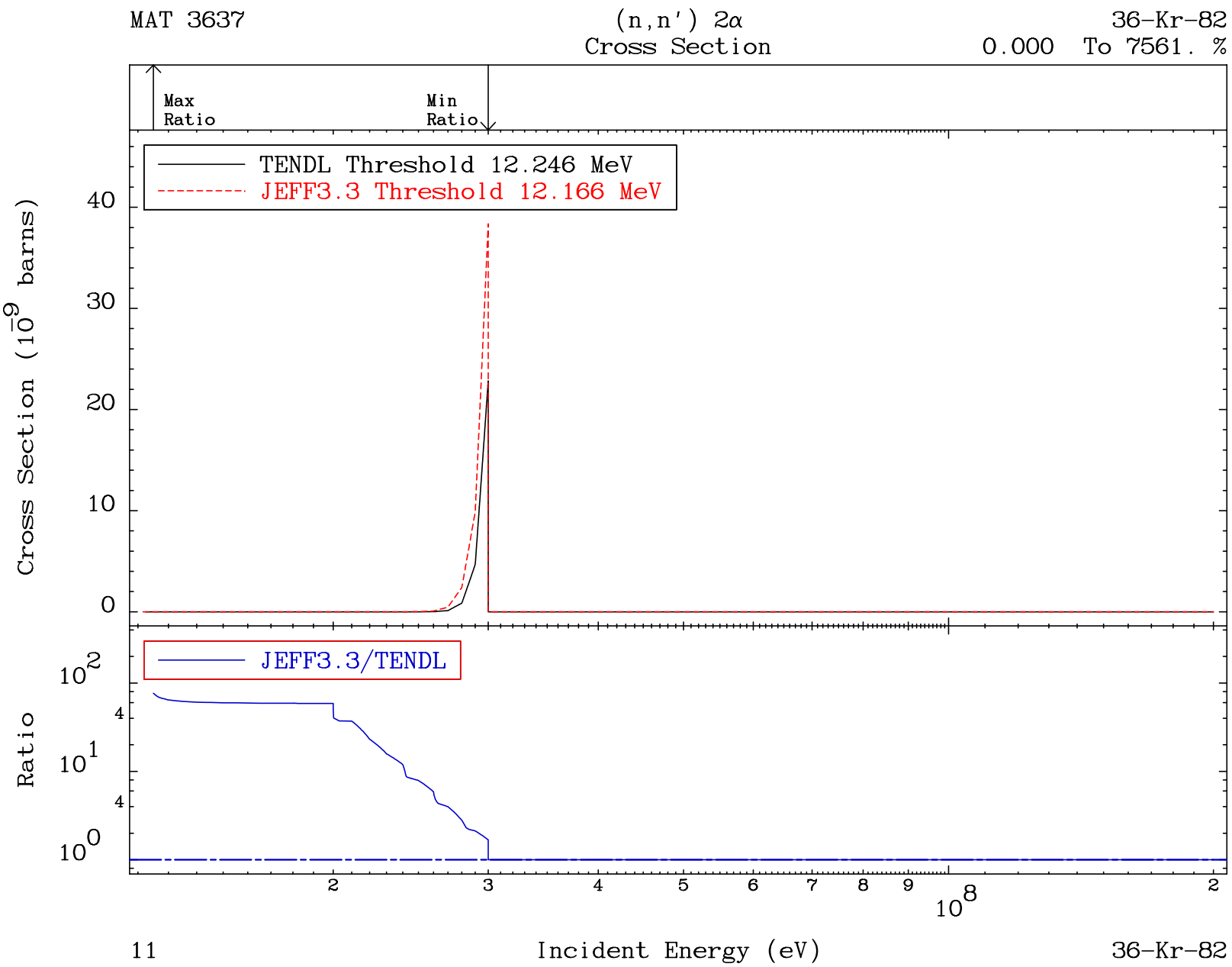

MAT 3637
(n,3n)
Cross Section
36-Kr-82
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 19.152 MeV
JEFF3.3 Threshold 19.072 MeV
Cross Section (milli-barns)
700
600
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
36-Kr-82

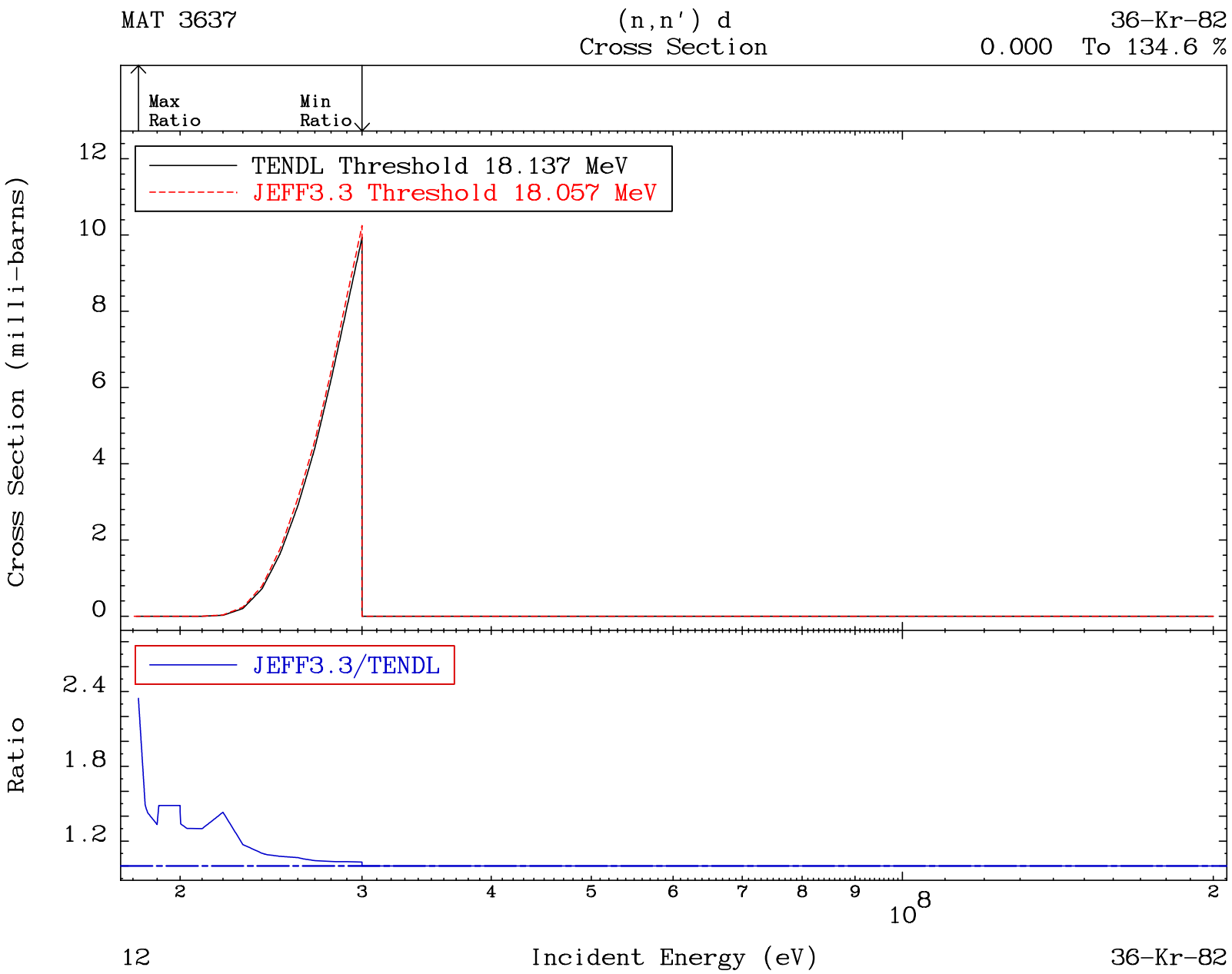

MAT 3637
(n,n') α
Cross Section
36-Kr-82
-1.366 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 6.1432 MeV
JEFF3.3 Threshold 6.0631 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
7
36-Kr-82

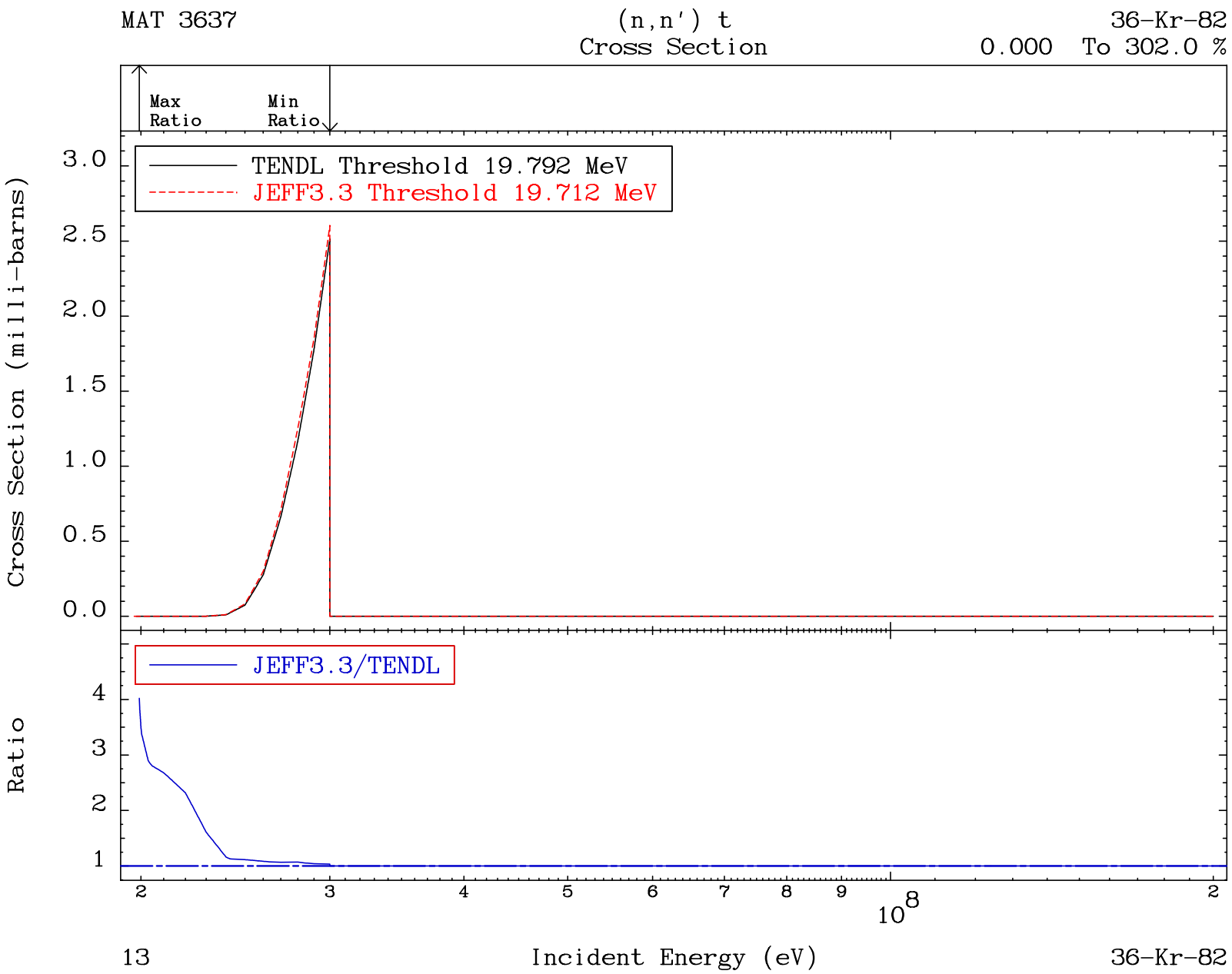

MAT 3637
(n,2n) α
Cross Section
36-Kr-82
0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 16.770 MeV
JEFF3.3 Threshold 16.690 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
8
36-Kr-82

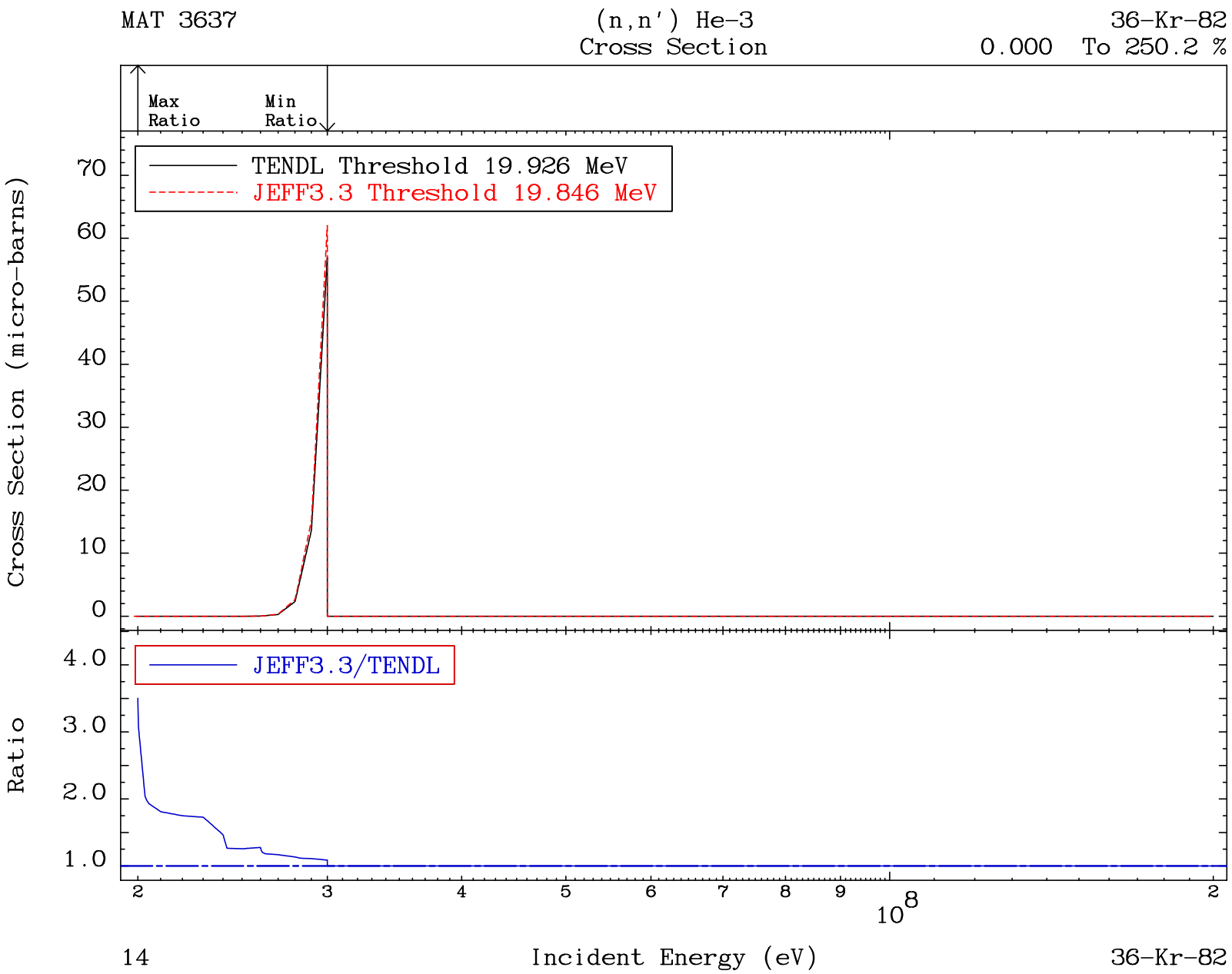

MAT 3637
(n,3n) α
Cross Section
36-Kr-82
-91.24 To 6279. %
Max
Ratio
TENDL Threshold 24.281 MeV
JEFF3.3 Threshold 24.200 MeV
Cross Section (10^-9 barns)
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
10^-1
40
60
80
100
120
140
160
180
200
9
Incident Energy (MeV)
36-Kr-82

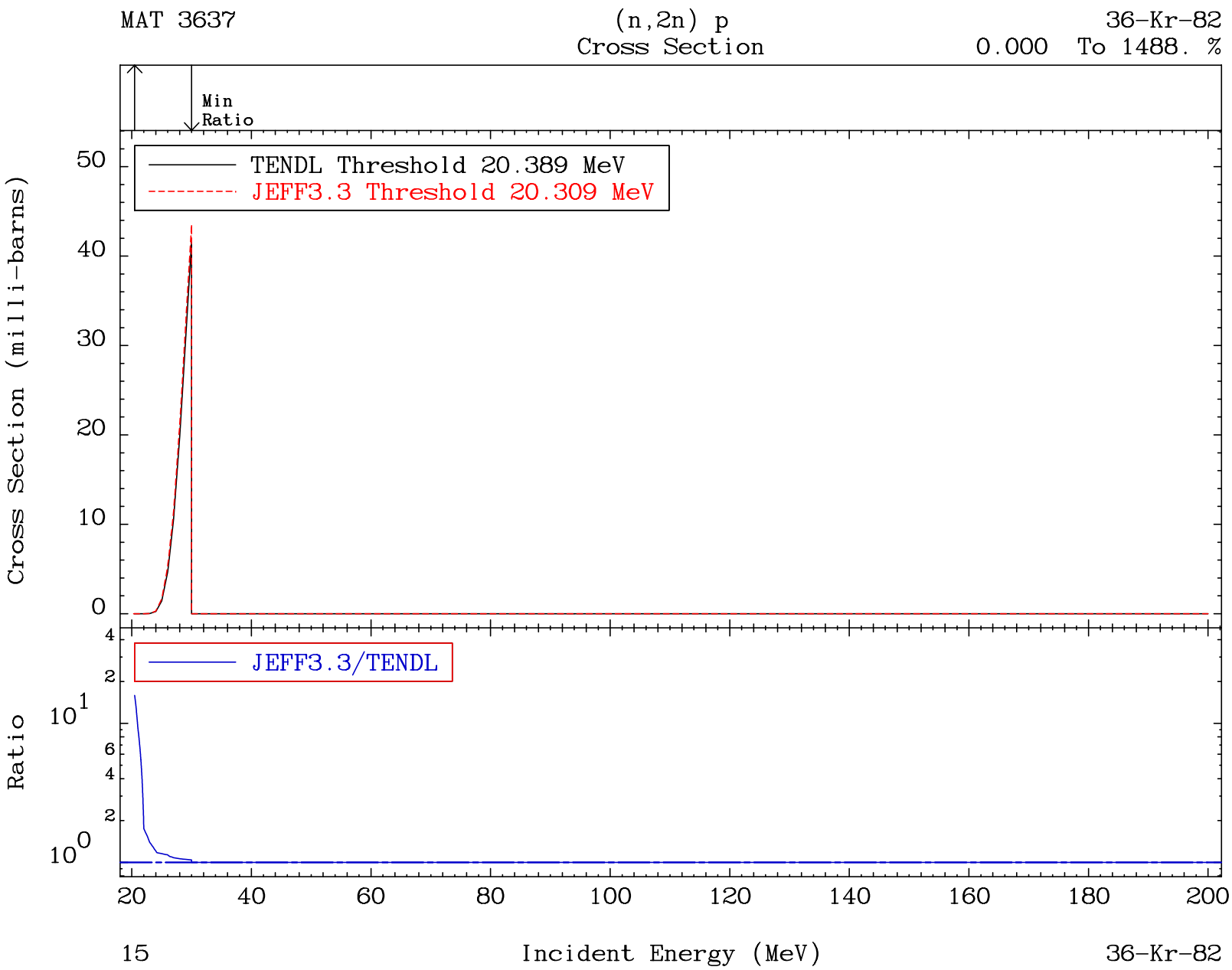

MAT 3637
(n,n') p
Cross Section
36-Kr-82
0.000 To 439.7 %
Max Ratio
Min Ratio
TENDL Threshold 10.104 MeV
JEFF3.3 Threshold 10.026 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
6
4
2
10^7
2
3
4
5
6
7
8
9
10^8
2
10
Incident Energy (eV)
36-Kr-82

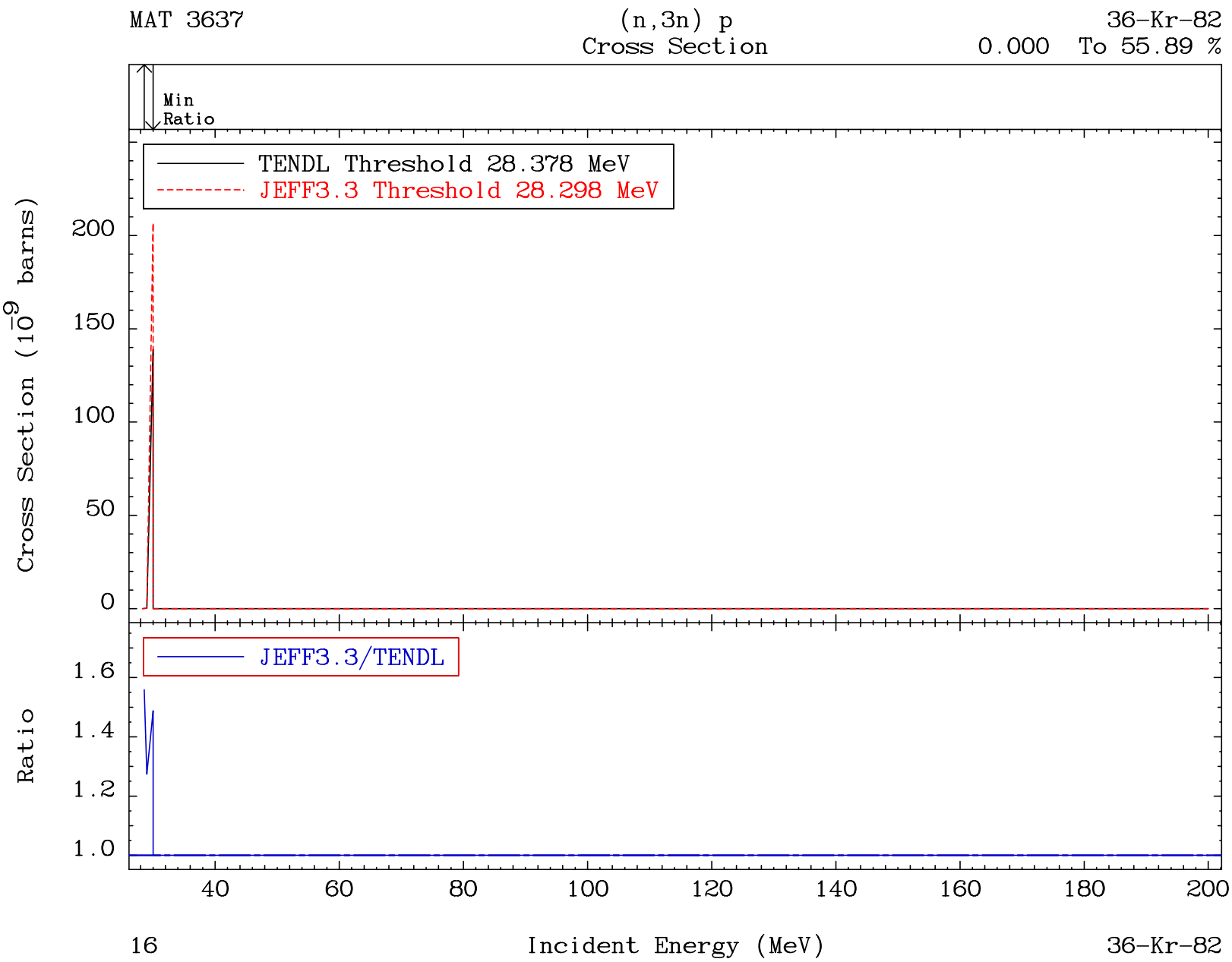

MAT 3637
(n,n') 2α
Cross Section
36-Kr-82
0.000 To 7561. %
Max Ratio
Min Ratio
TENDL Threshold 12.246 MeV
JEFF3.3 Threshold 12.166 MeV
Cross Section (10^-9 barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
11
Incident Energy (eV)
36-Kr-82

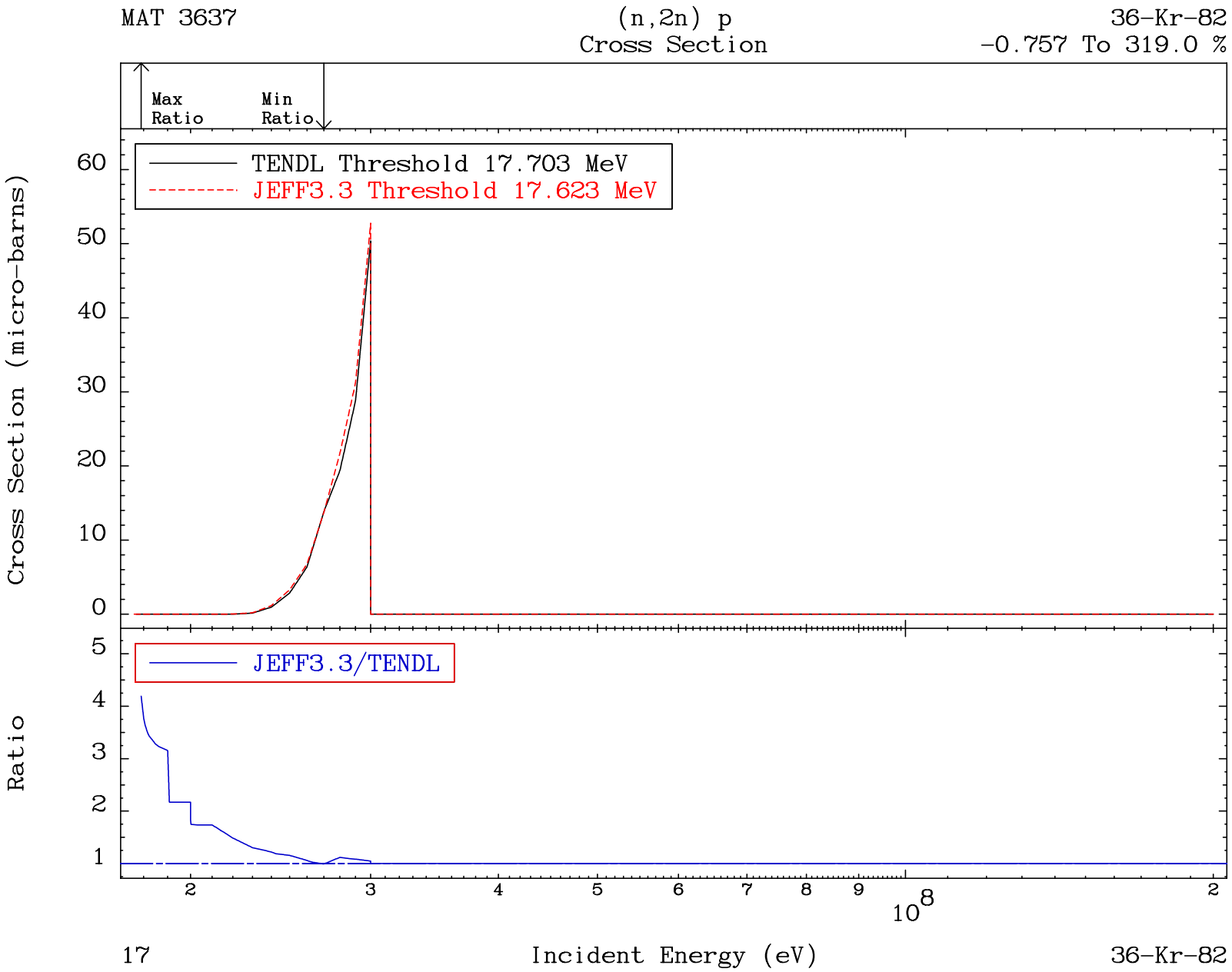

MAT 3637
(n,n') d
Cross Section
36-Kr-82
0.000 To 134.6 %
Max Ratio
Min Ratio
TENDL Threshold 18.137 MeV
JEFF3.3 Threshold 18.057 MeV
Cross Section (milli-barns)
0
2
4
6
8
10
12
JEFF3.3/TENDL
Ratio
1.2
1.8
2.4
2
3
4
5
6
7
8
9
10^8
2
12
Incident Energy (eV)
36-Kr-82

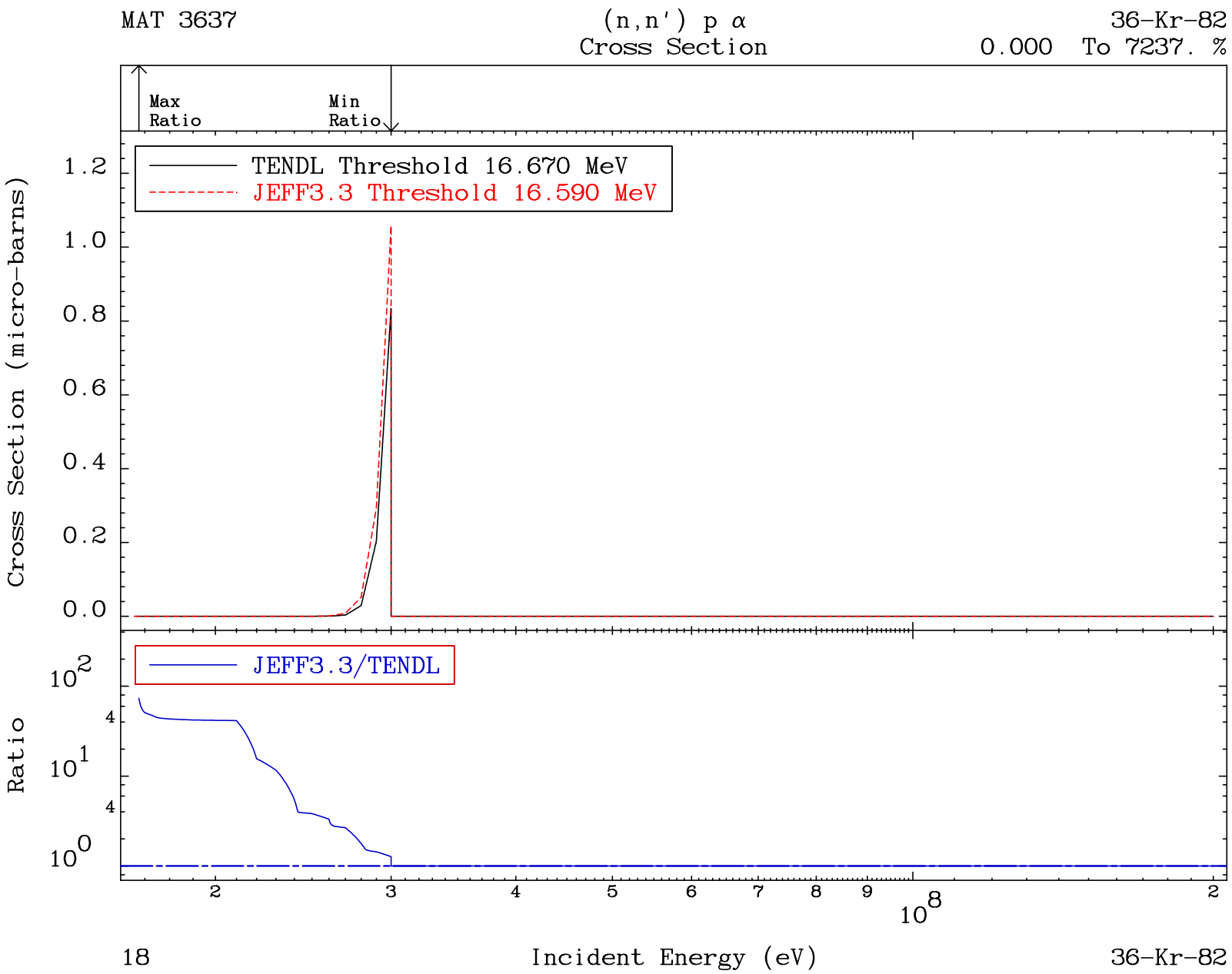

MAT 3637
(n,n') t
Cross Section
36-Kr-82
0.000 To 302.0 %
Max Ratio
Min Ratio
TENDL Threshold 19.792 MeV
JEFF3.3 Threshold 19.712 MeV
Cross Section (milli-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
4
3
2
1
2
3
4
5
6
7
8
9
10^8
2
13
Incident Energy (eV)
36-Kr-82

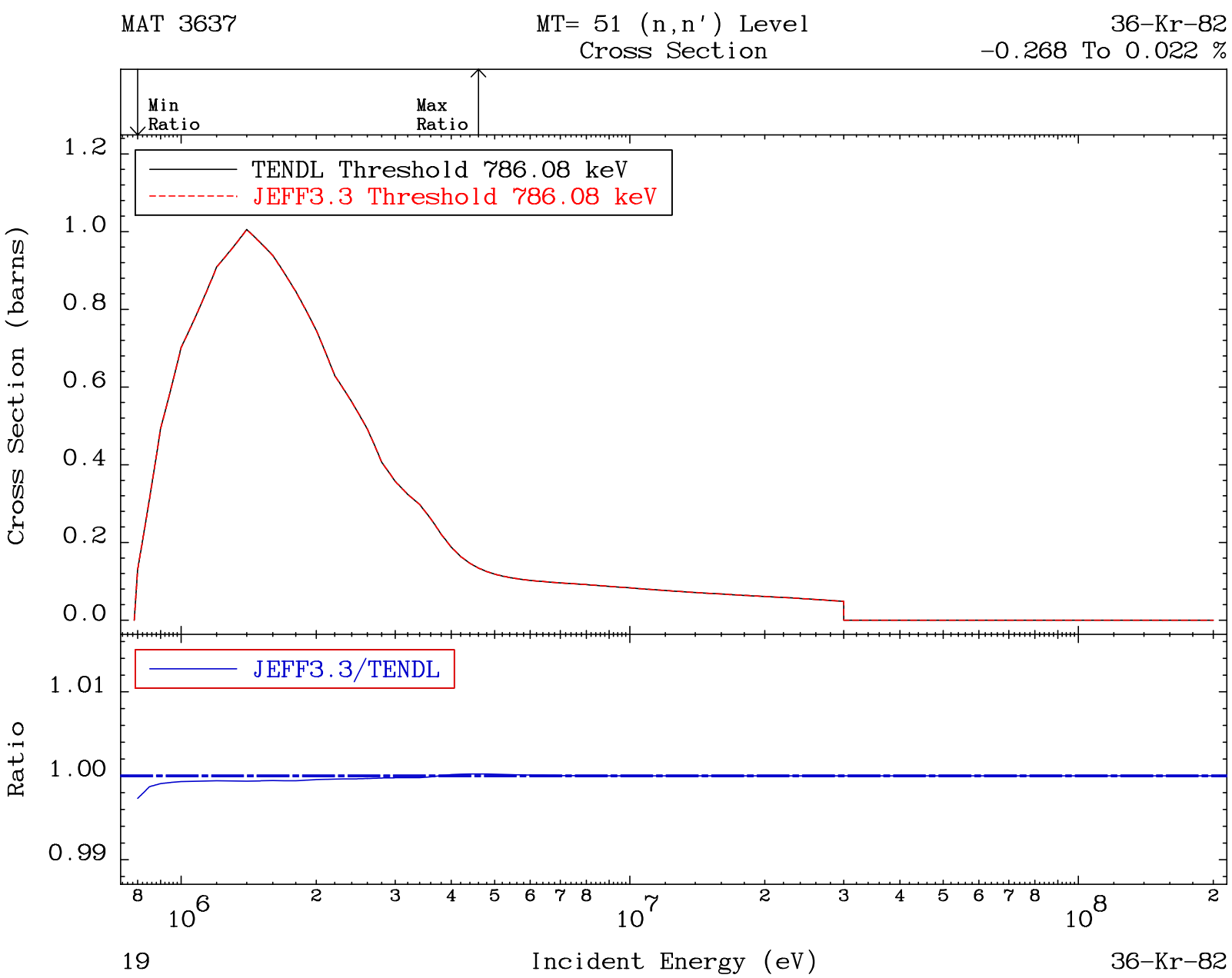

MAT 3637
(n,n') He-3
Cross Section
36-Kr-82
0.000 To 250.2 %
Max Ratio
Min Ratio
TENDL Threshold 19.926 MeV
JEFF3.3 Threshold 19.846 MeV
Cross Section (micro-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
4.0
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
14
Incident Energy (eV)
36-Kr-82

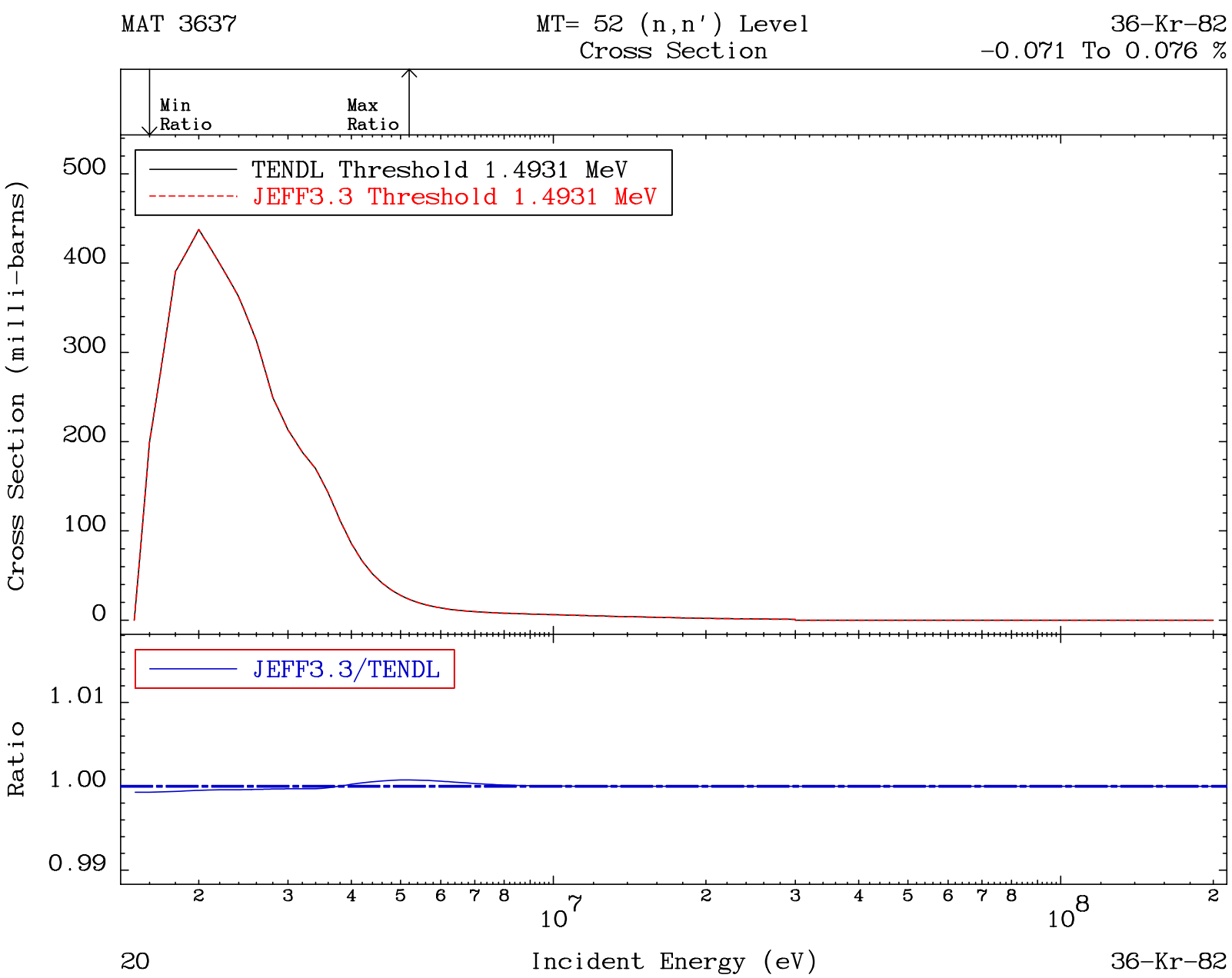

MAT 3637
(n,2n) p
Cross Section
36-Kr-82
0.000 To 1488. %
Min
Ratio
TENDL Threshold 20.389 MeV
JEFF3.3 Threshold 20.309 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (MeV)
15
36-Kr-82

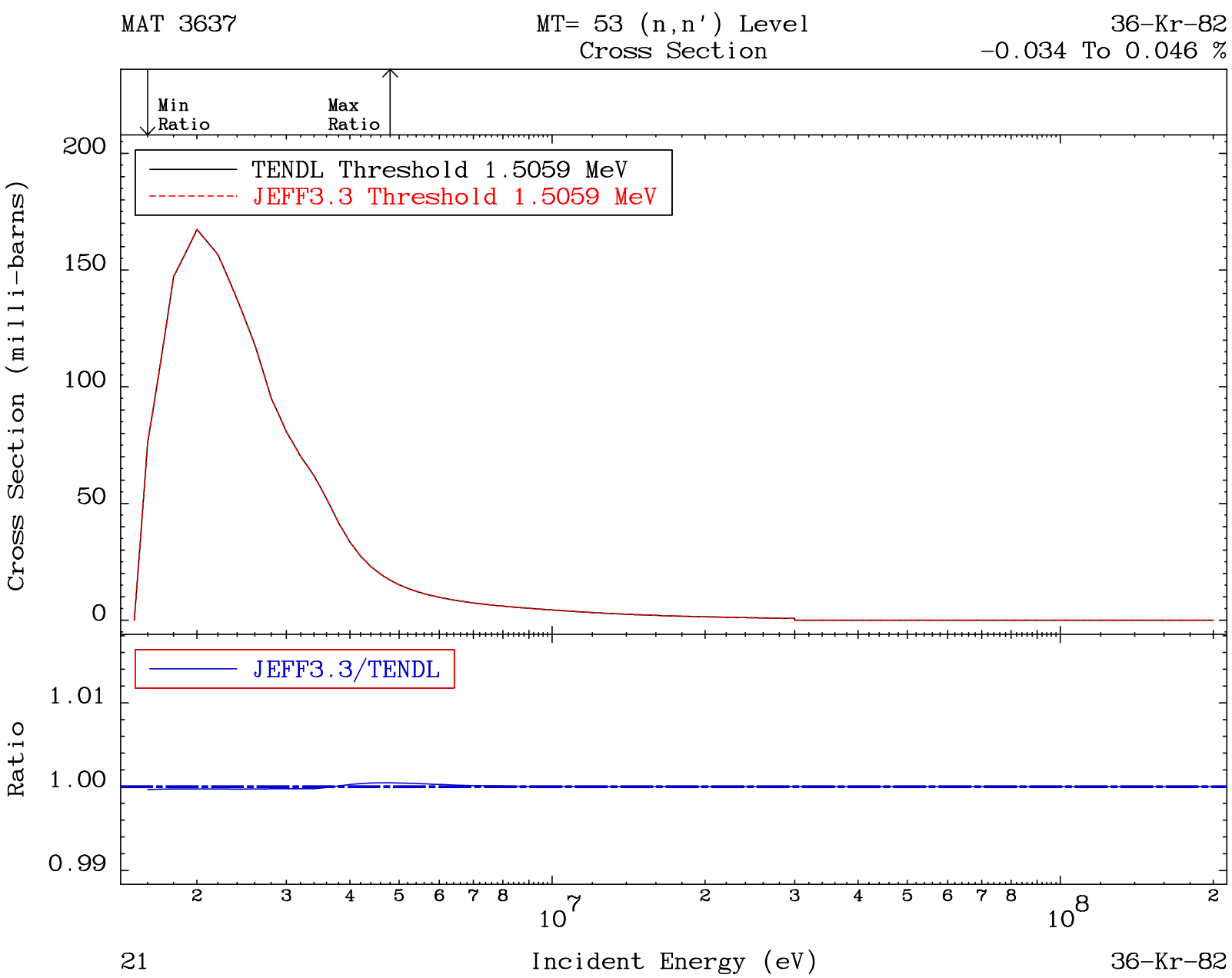

MAT 3637
(n,3n) p
Cross Section
36-Kr-82
0.000 To 55.89 %
Min
Ratio
TENDL Threshold 28.378 MeV
JEFF3.3 Threshold 28.298 MeV
Cross Section (10^{-9} barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.6
1.4
1.2
1.0
40
60
80
100
120
140
160
180
200
16
Incident Energy (MeV)
36-Kr-82

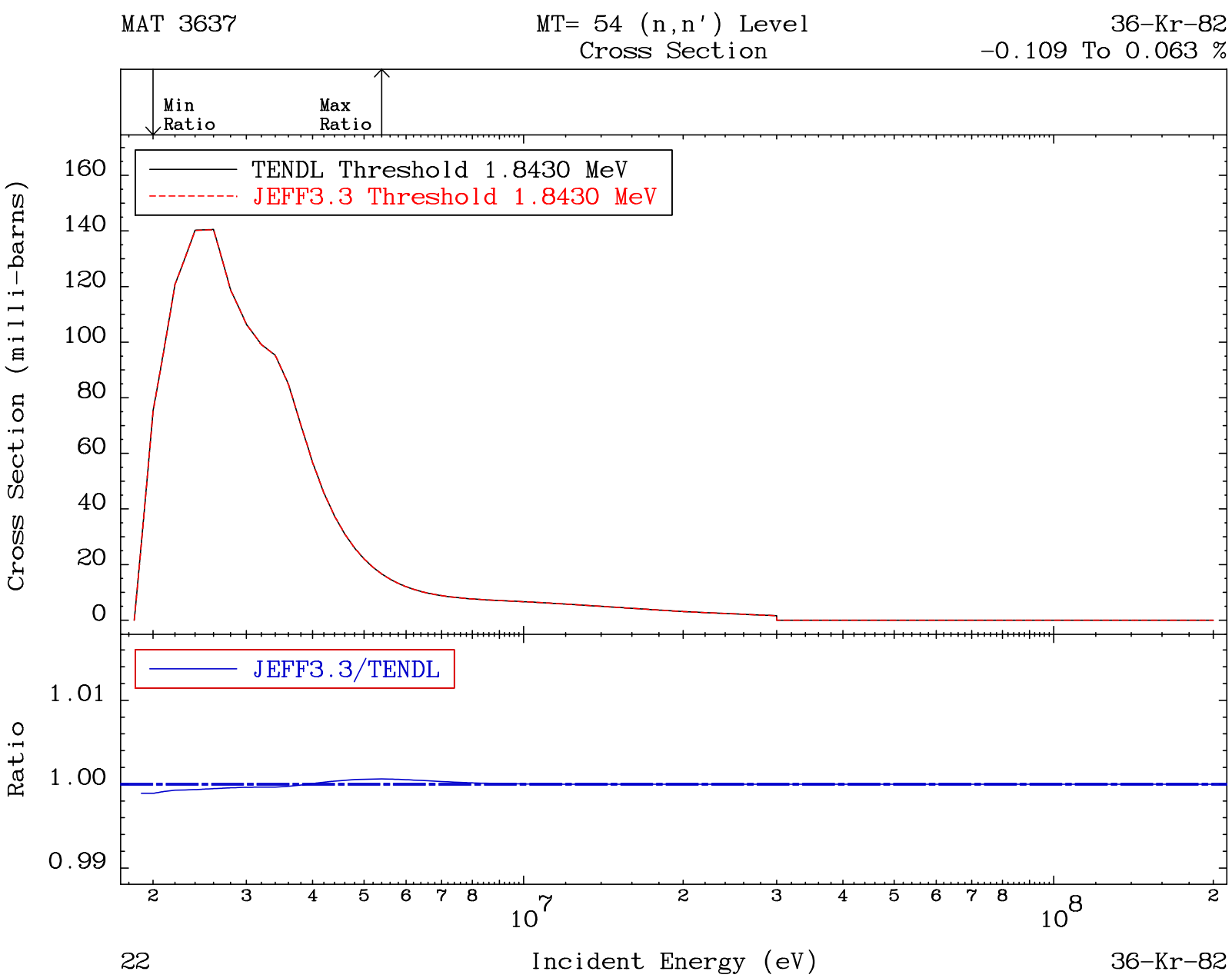

MAT 3637
(n,2n) p
Cross Section
36-Kr-82
-0.757 To 319.0 %
Max Ratio
Min Ratio
TENDL Threshold 17.703 MeV
JEFF3.3 Threshold 17.623 MeV
Cross Section (micro-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
5
4
3
2
1
2
3
4
5
6
7
8
9
10^8
2
17
Incident Energy (eV)
36-Kr-82

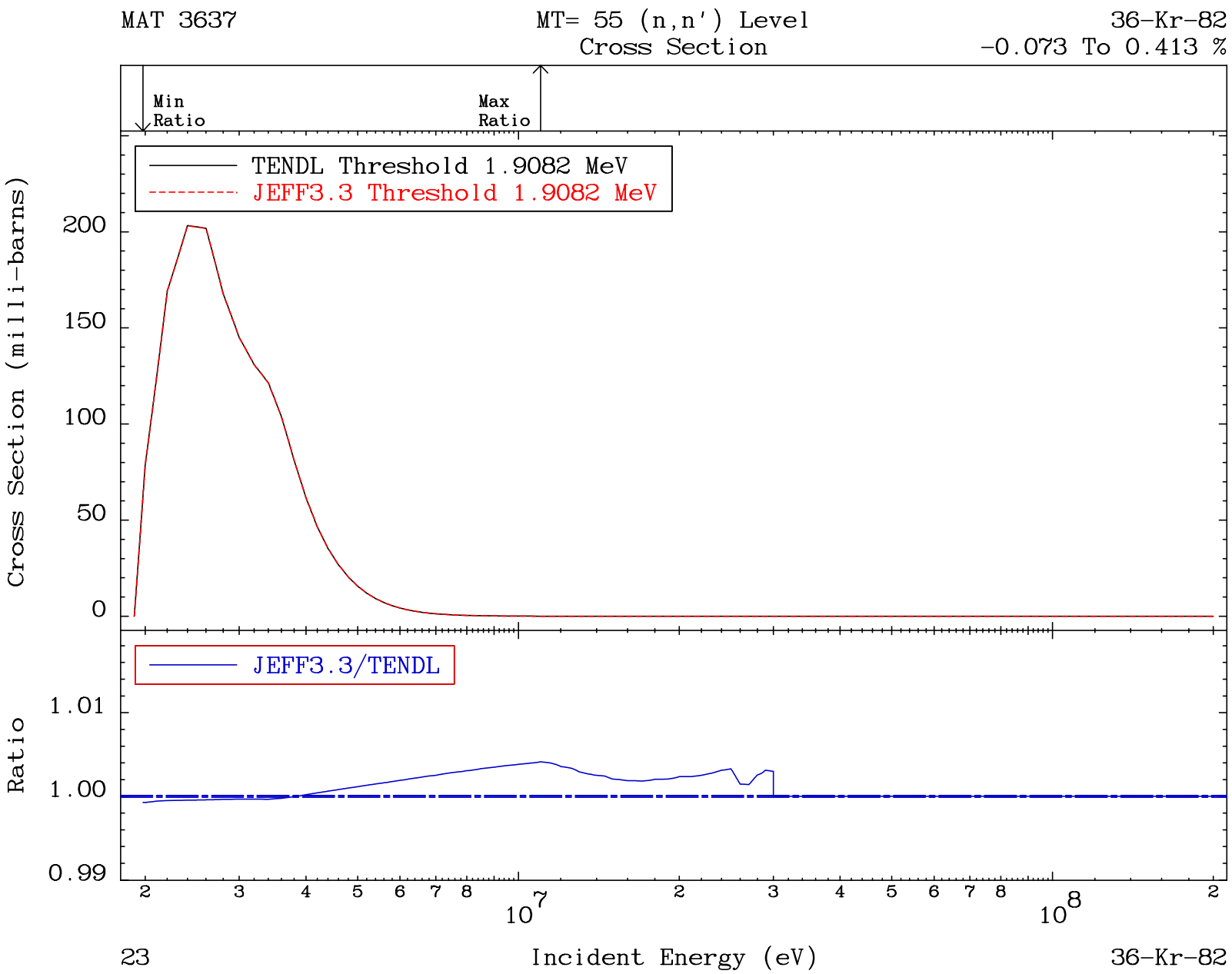

MAT 3637
(n,n') p α
Cross Section
36-Kr-82
0.000 To 7237. %
Max Ratio
Min Ratio
TENDL Threshold 16.670 MeV
JEFF3.3 Threshold 16.590 MeV
Cross Section (micro-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
18
Incident Energy (eV)
36-Kr-82

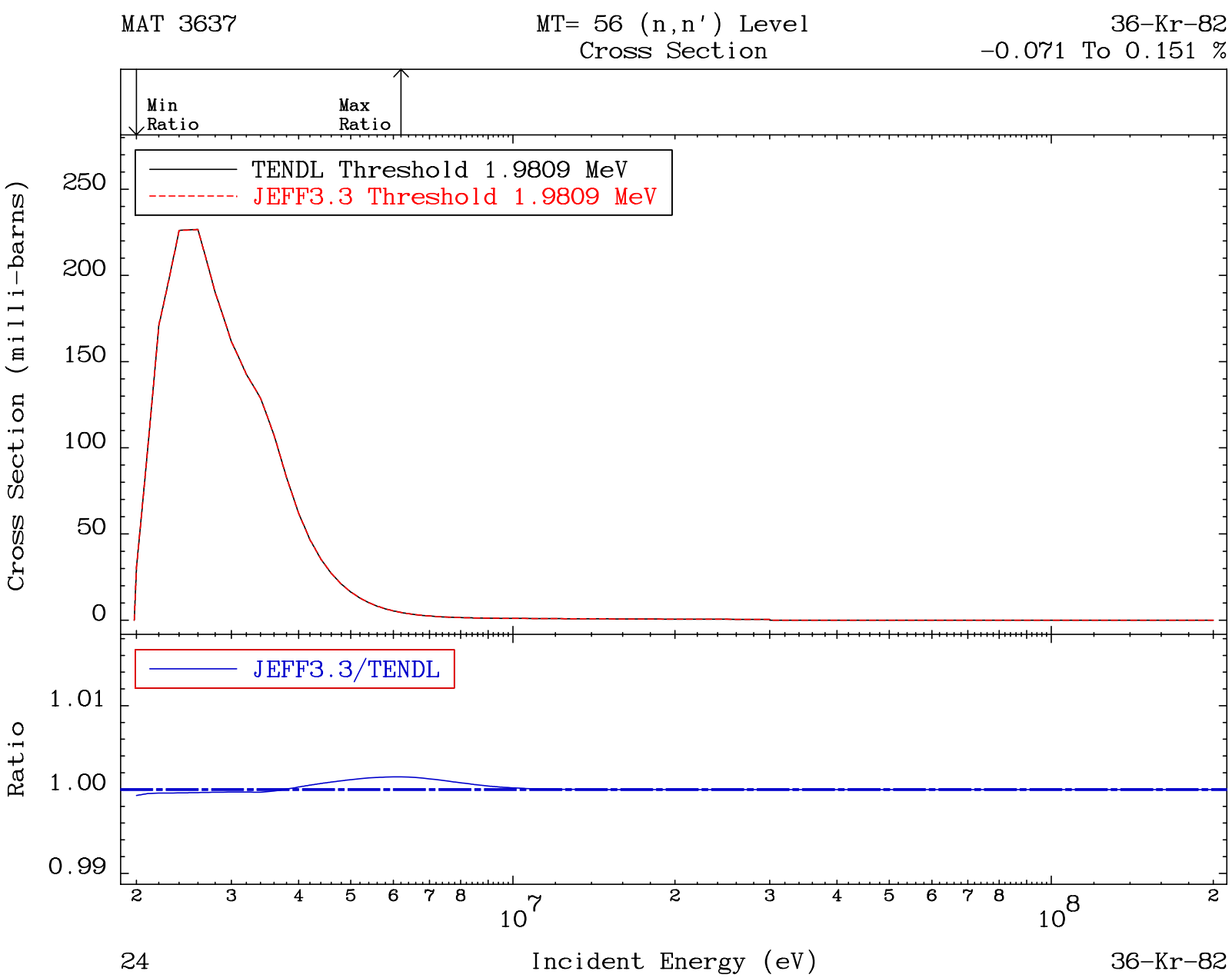

MAT 3637
MT= 51 (n,n') Level
Cross Section
36-Kr-82
-0.268 To 0.022 %
Min Ratio
Max Ratio
TENDL Threshold 786.08 keV
JEFF3.3 Threshold 786.08 keV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
19
Incident Energy (eV)
36-Kr-82

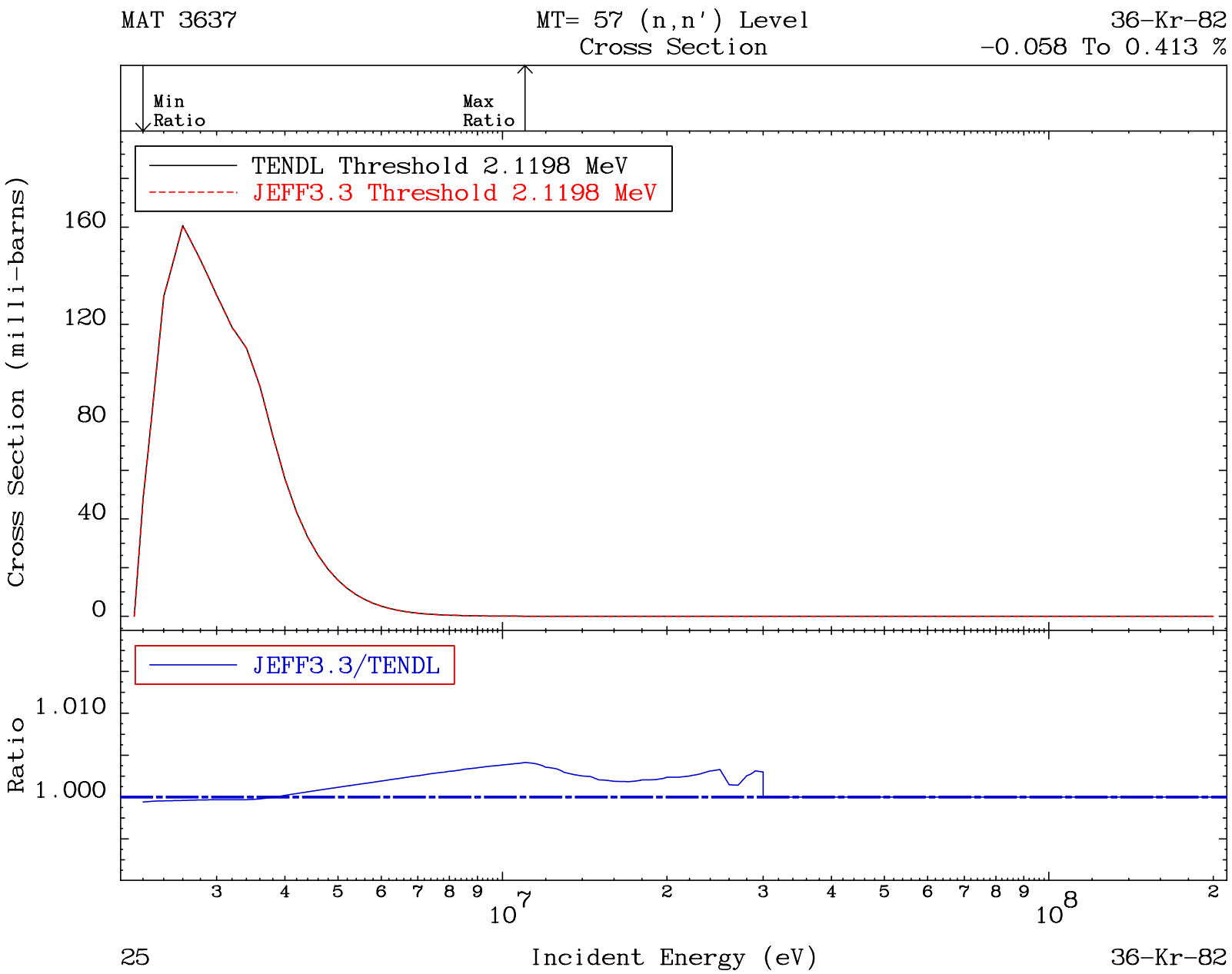

MAT 3637
MT= 52 (n,n') Level
Cross Section
36-Kr-82
-0.071 To 0.076 %
Min Ratio
Max Ratio
TENDL Threshold 1.4931 MeV
JEFF3.3 Threshold 1.4931 MeV
Cross Section (milli-barns)
500
400
300
200
100
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
20
Incident Energy (eV)
36-Kr-82

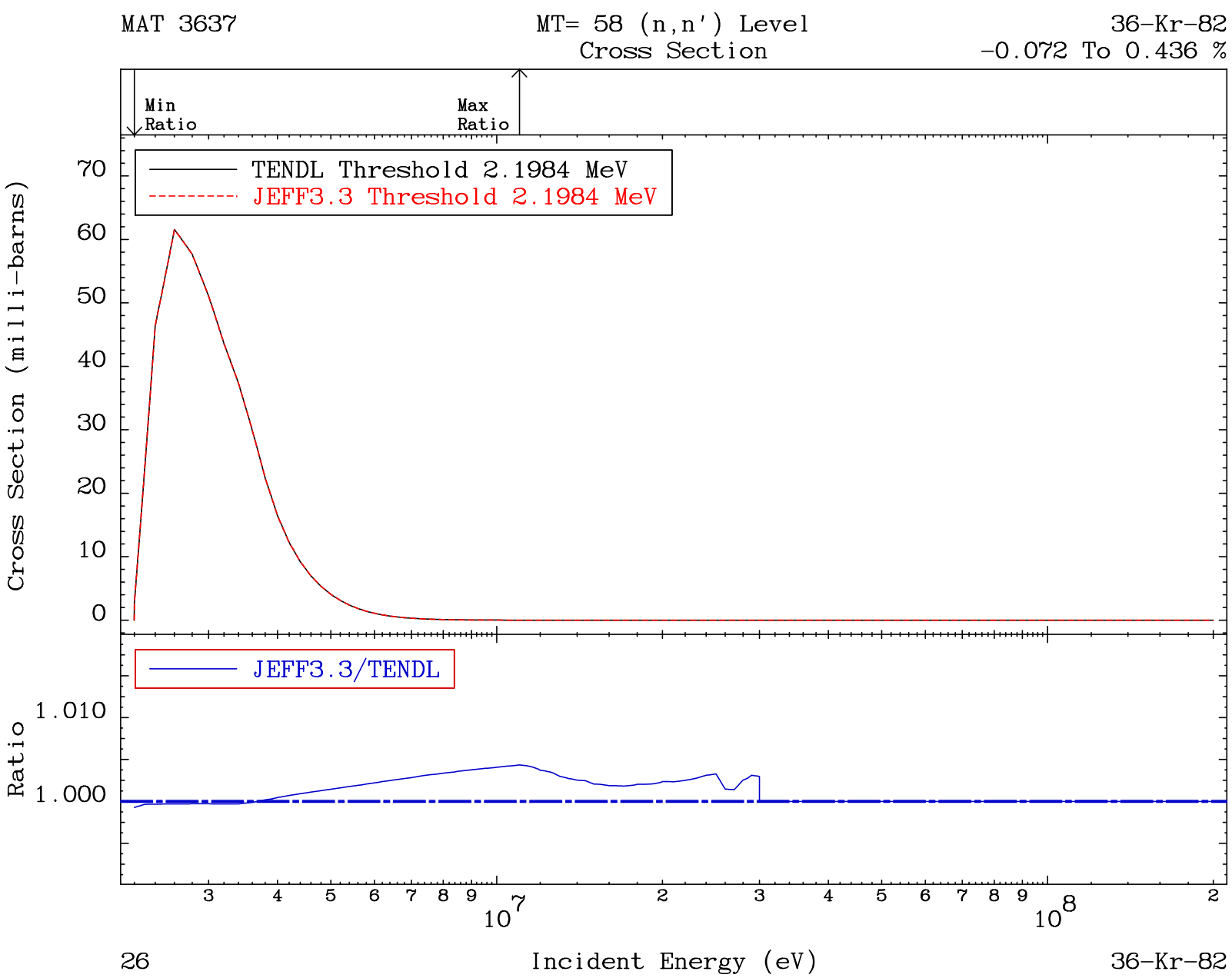

MAT 3637
MT= 53 (n,n') Level
Cross Section
36-Kr-82
-0.034 To 0.046 %
Min Ratio
Max Ratio
TENDL Threshold 1.5059 MeV
JEFF3.3 Threshold 1.5059 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
21
Incident Energy (eV)
36-Kr-82

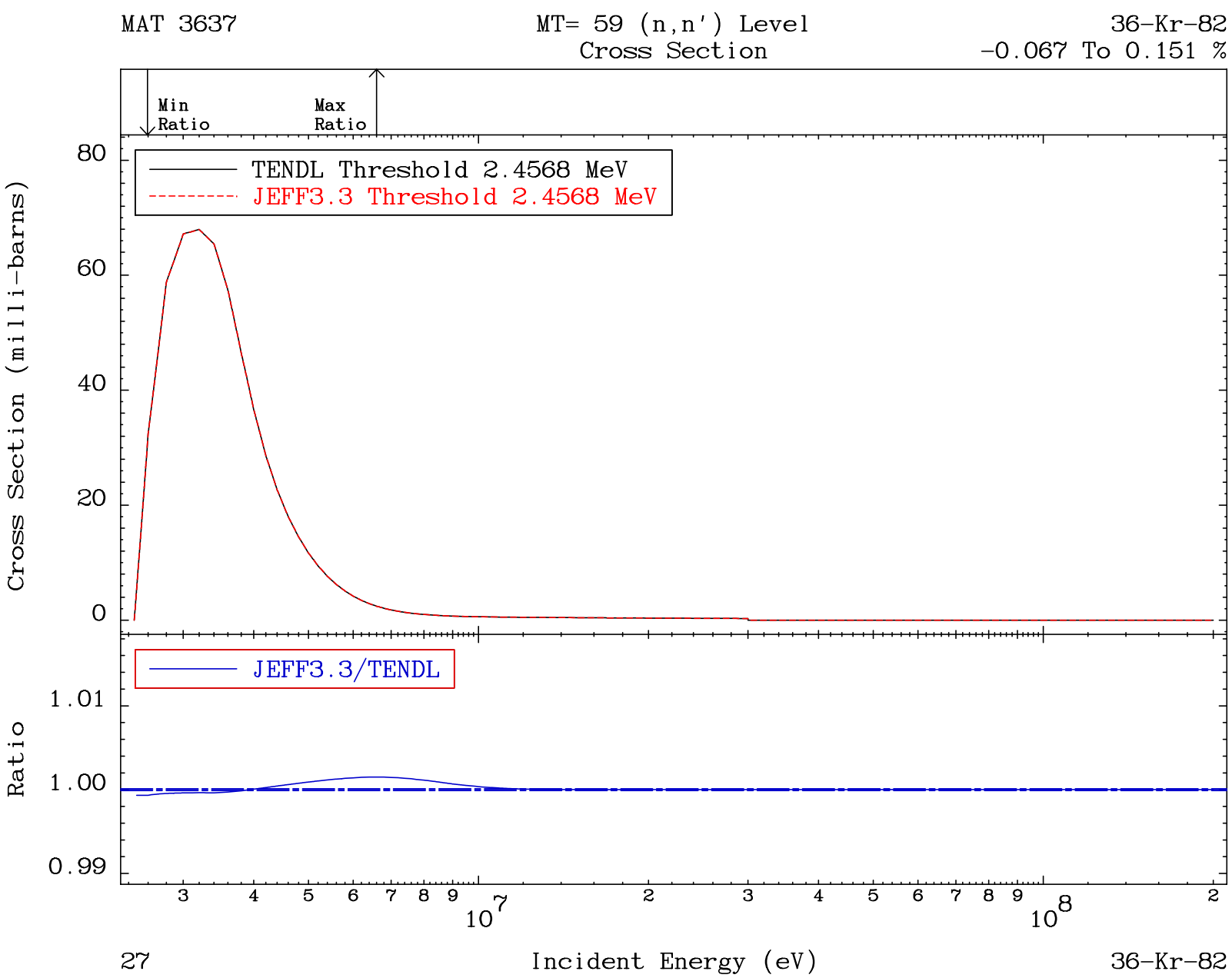

MAT 3637
MT= 54 (n,n') Level
Cross Section
36-Kr-82
-0.109 To 0.063 %
Min Ratio
Max Ratio
TENDL Threshold 1.8430 MeV
JEFF3.3 Threshold 1.8430 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
22
Incident Energy (eV)
36-Kr-82

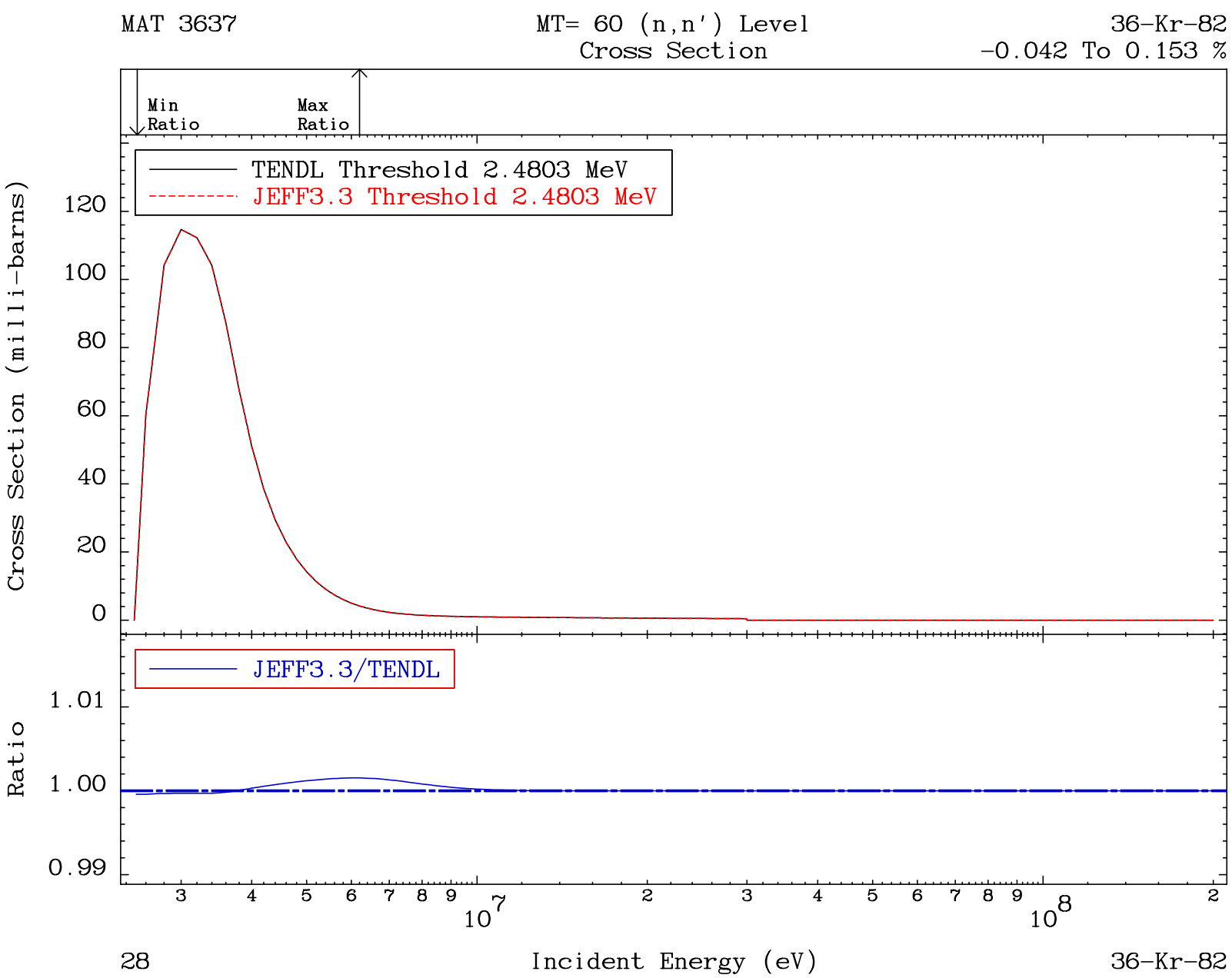

MAT 3637
MT= 55 (n,n') Level
Cross Section
36-Kr-82
-0.073 To 0.413 %
Min
Ratio
Max
Ratio
TENDL Threshold 1.9082 MeV
JEFF3.3 Threshold 1.9082 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
23
Incident Energy (eV)
36-Kr-82

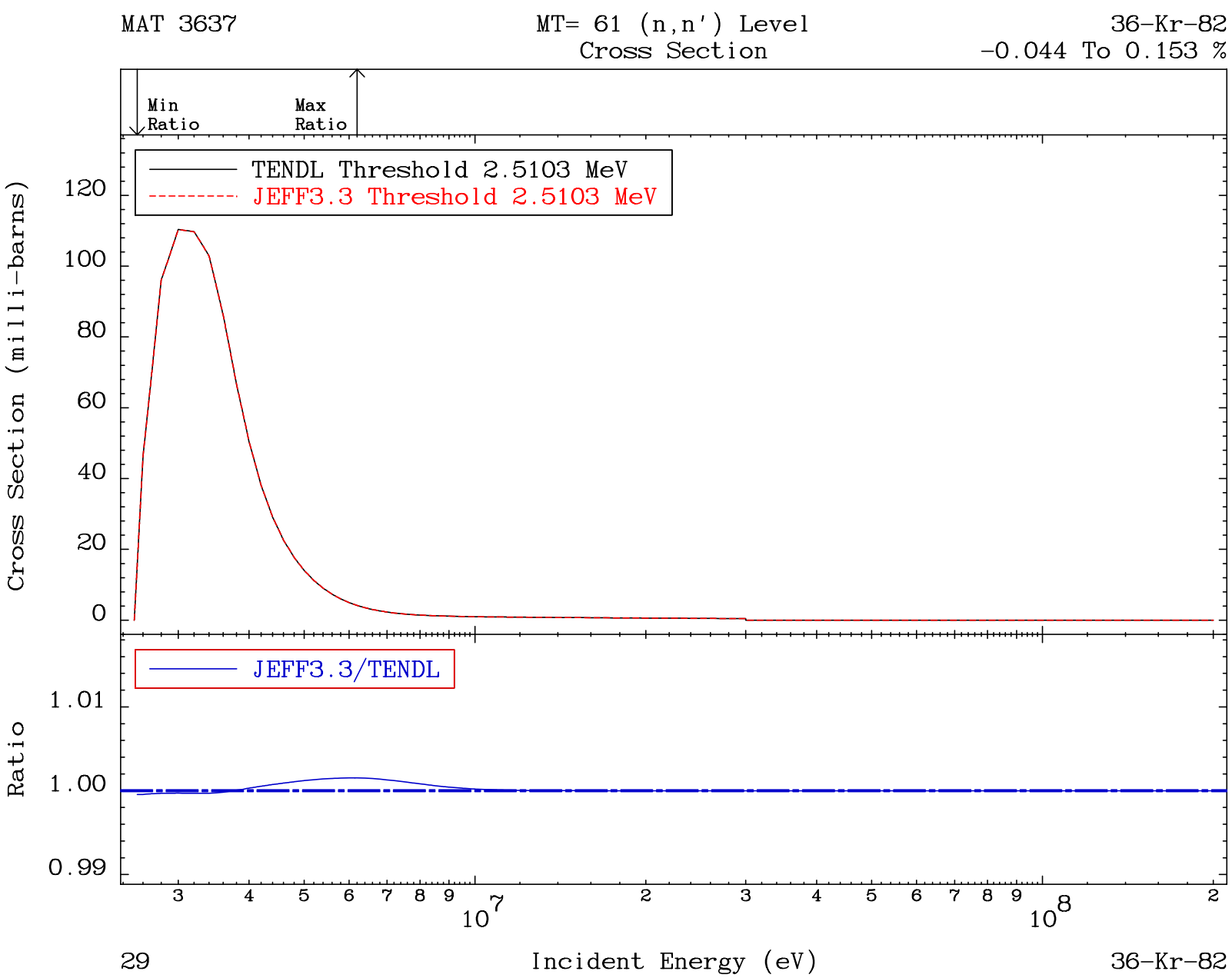

MAT 3637
MT= 56 (n,n') Level
Cross Section
36-Kr-82
-0.071 To 0.151 %
Min
Ratio
Max
Ratio
TENDL Threshold 1.9809 MeV
JEFF3.3 Threshold 1.9809 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
24
Incident Energy (eV)
36-Kr-82

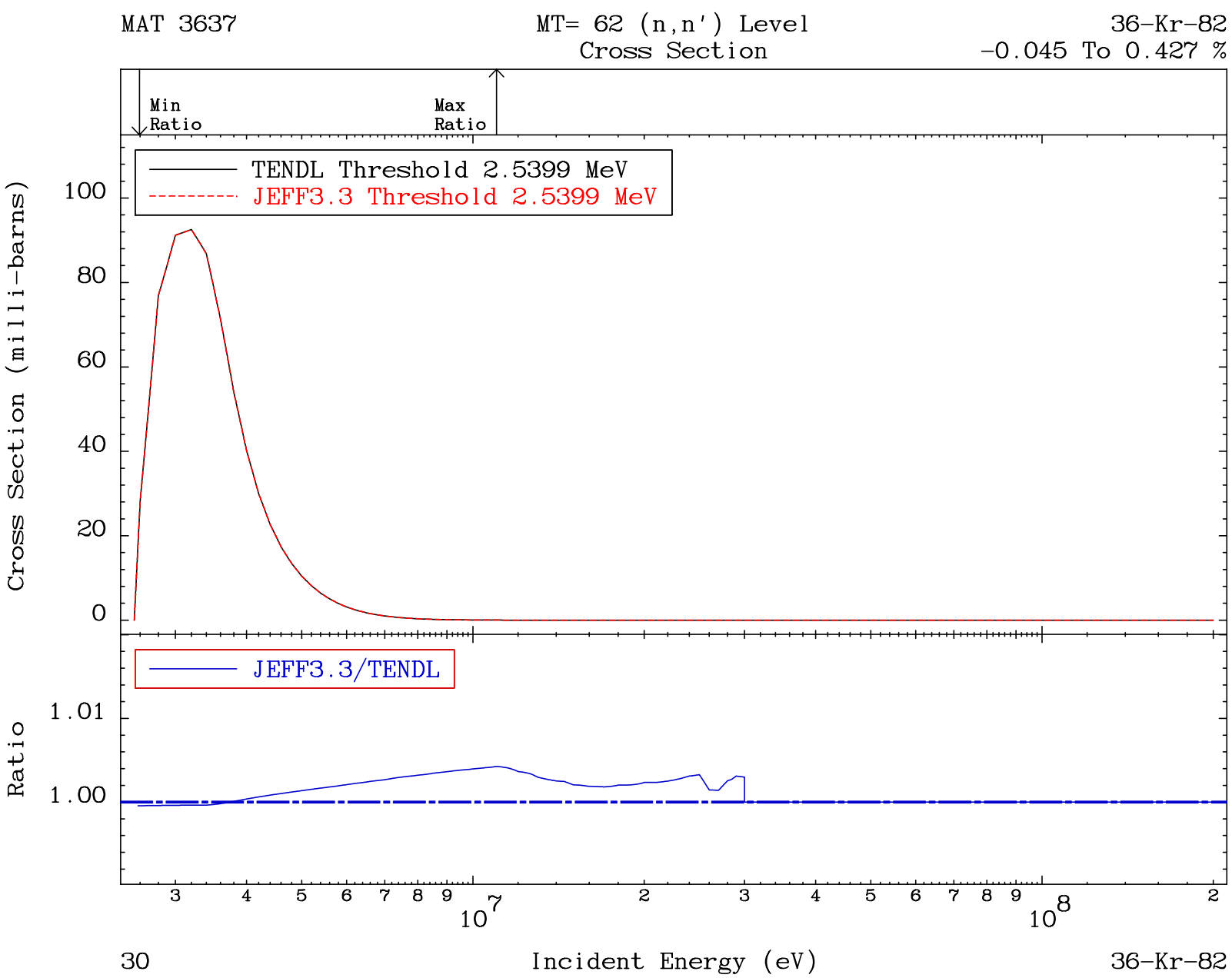

MAT 3637
MT= 57 (n,n') Level
Cross Section
36-Kr-82
-0.058 To 0.413 %
Min
Ratio
Max
Ratio
TENDL Threshold 2.1198 MeV
JEFF3.3 Threshold 2.1198 MeV
Cross Section (milli-barns)
160
120
80
40
0
JEFF3.3/TENDL
Ratio
1.010
1.000
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
25
Incident Energy (eV)
36-Kr-82

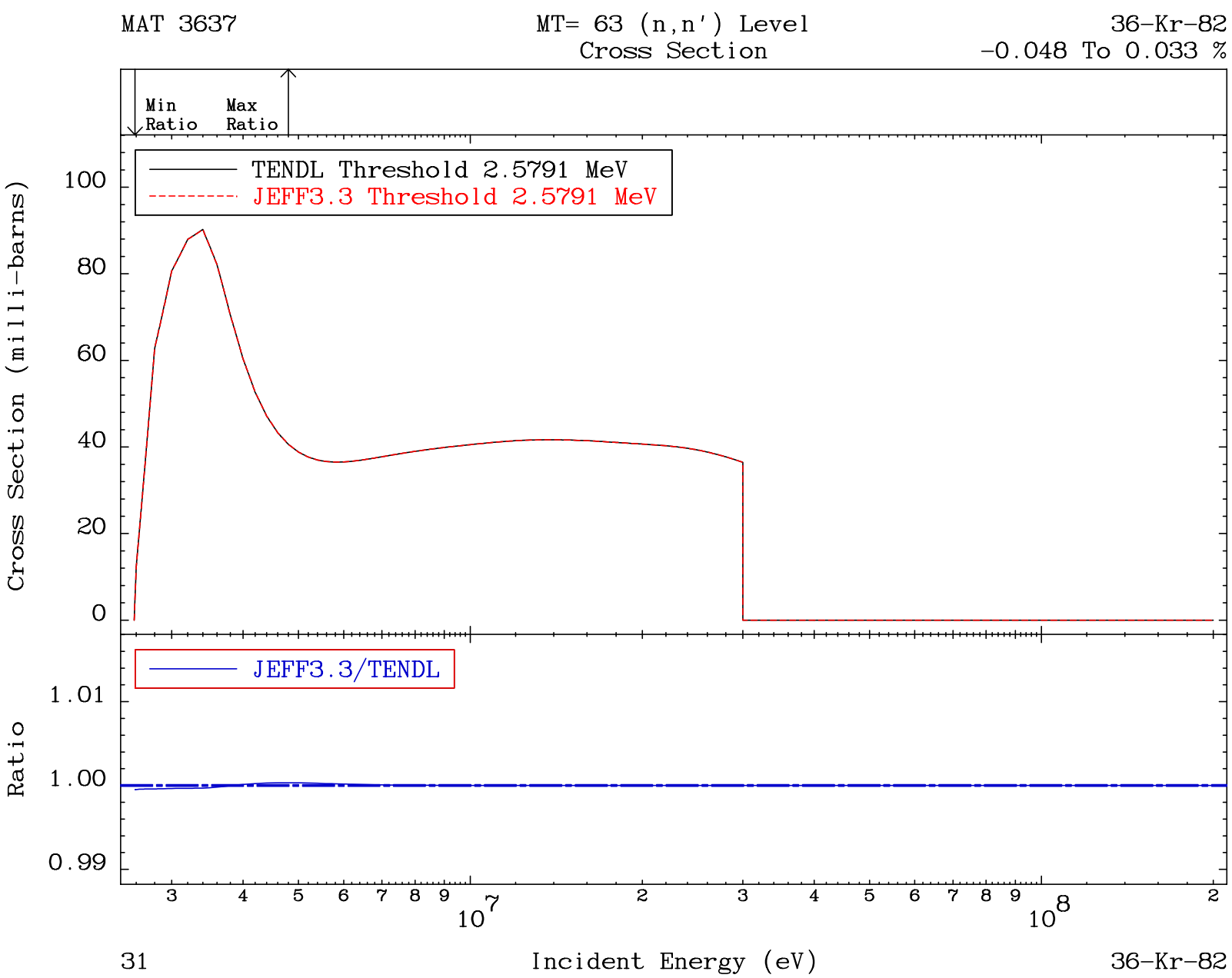

MAT 3637
MT= 58 (n,n') Level
Cross Section
36-Kr-82
-0.072 To 0.436 %
Min
Ratio
Max
Ratio
TENDL Threshold 2.1984 MeV
JEFF3.3 Threshold 2.1984 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.010
1.000
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
26
Incident Energy (eV)
36-Kr-82

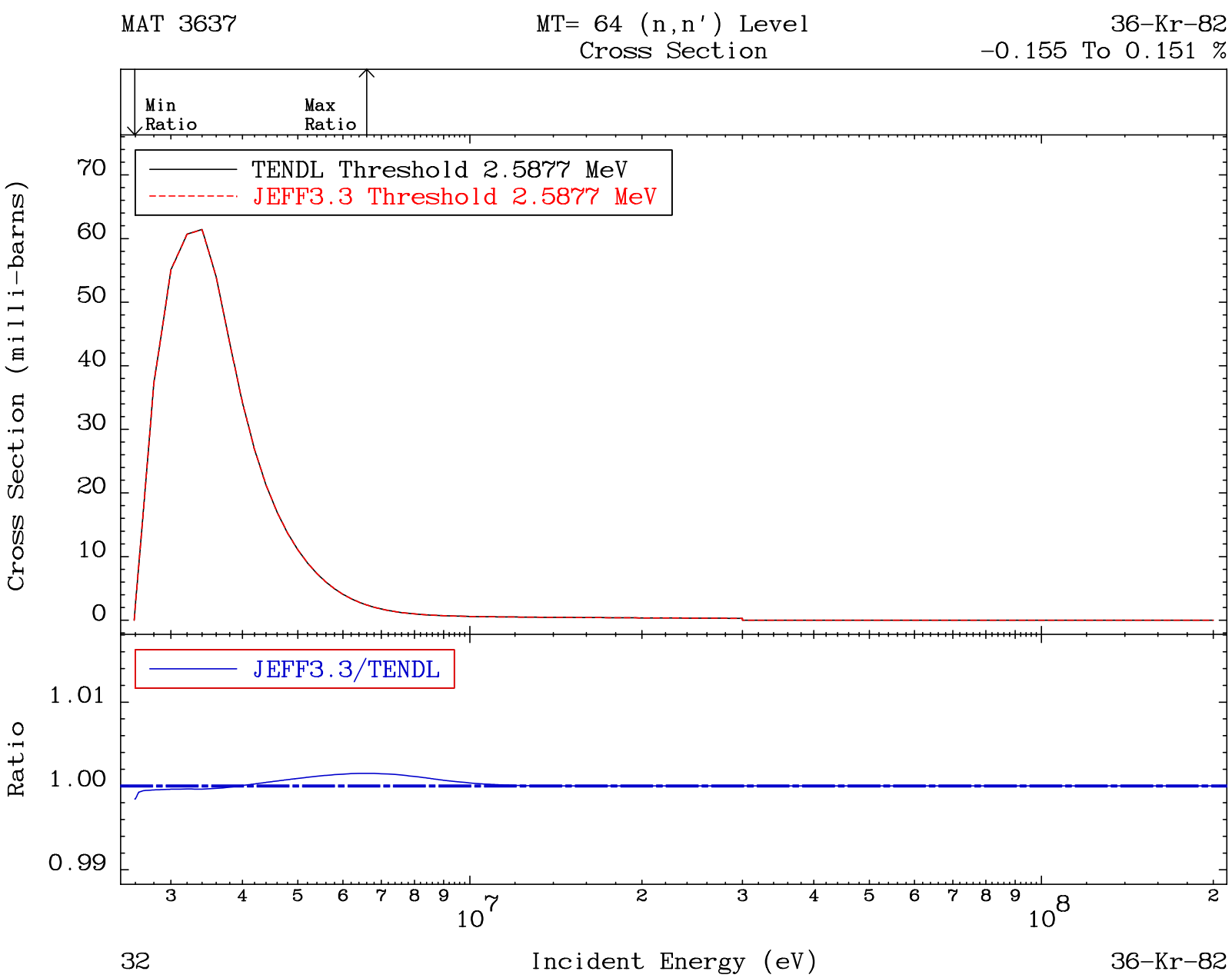

MAT 3637
MT= 59 (n,n') Level
Cross Section
36-Kr-82
-0.067 To 0.151 %
Min Ratio
Max Ratio
TENDL Threshold 2.4568 MeV
JEFF3.3 Threshold 2.4568 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
36-Kr-82

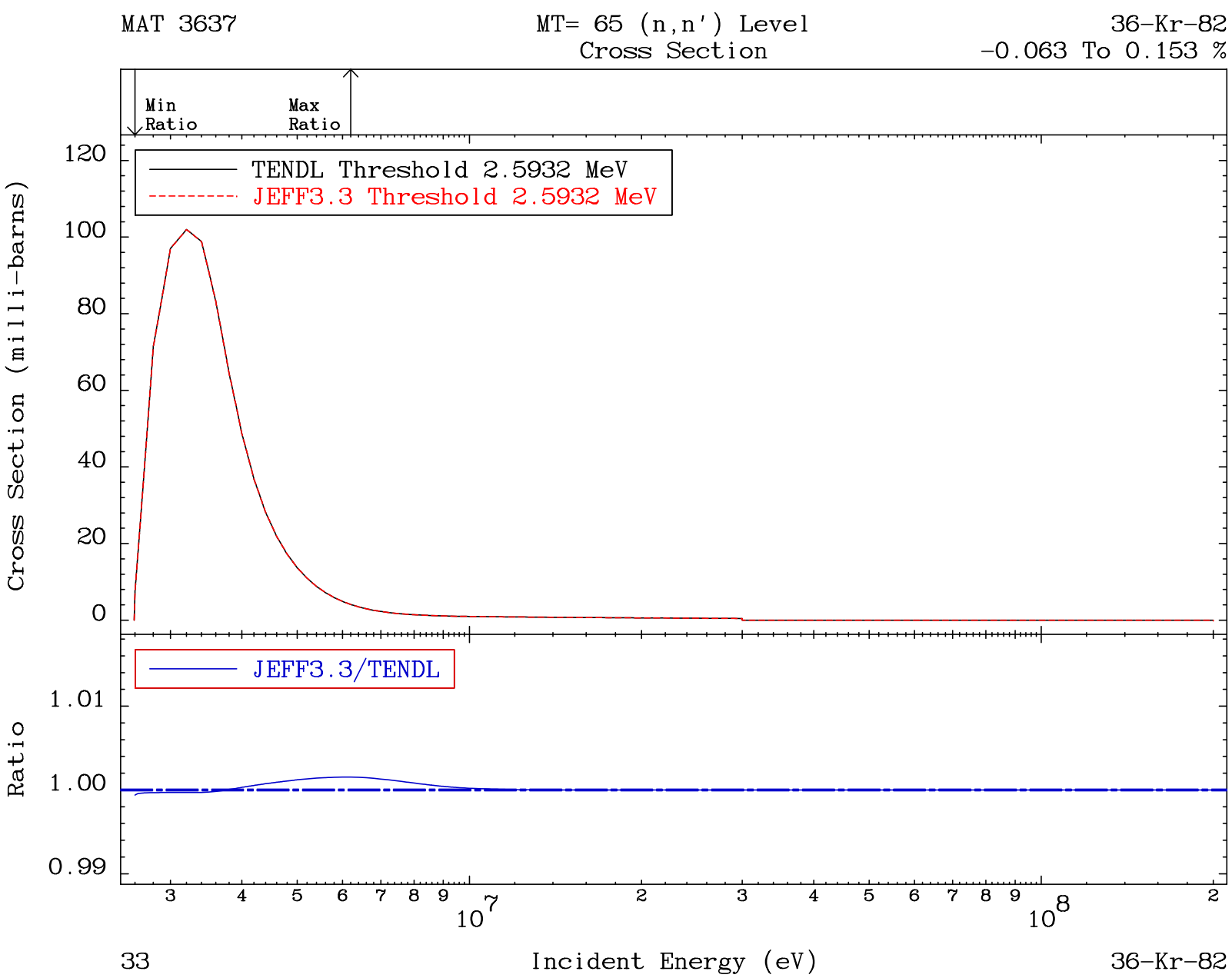

MAT 3637
MT= 60 (n,n') Level
Cross Section
36-Kr-82
-0.042 To 0.153 %
Min Ratio
Max Ratio
TENDL Threshold 2.4803 MeV
JEFF3.3 Threshold 2.4803 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
28
Incident Energy (eV)
36-Kr-82

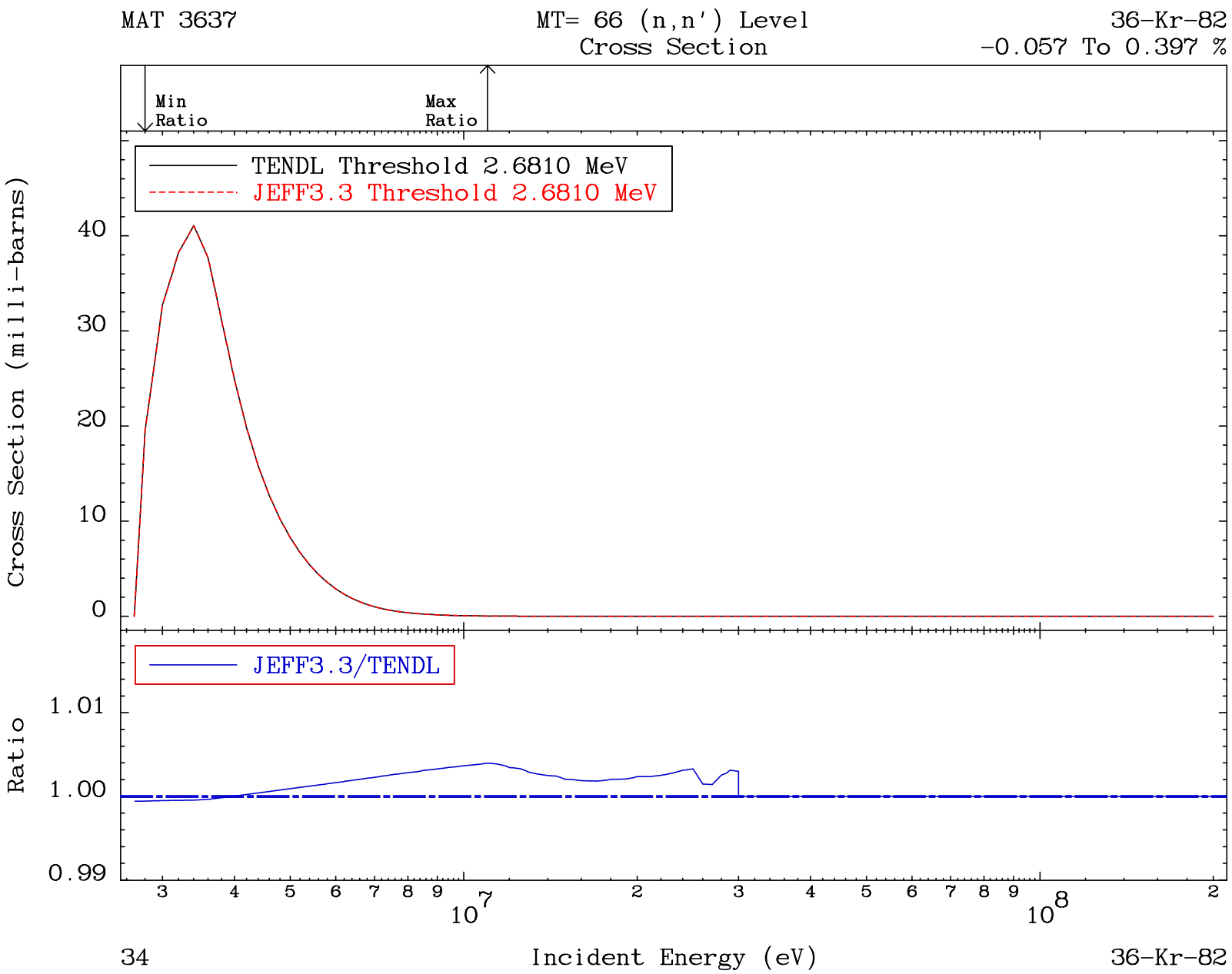

MAT 3637
MT= 61 (n,n') Level
Cross Section
36-Kr-82
-0.044 To 0.153 %
Min Ratio
Max Ratio
TENDL Threshold 2.5103 MeV
JEFF3.3 Threshold 2.5103 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
36-Kr-82

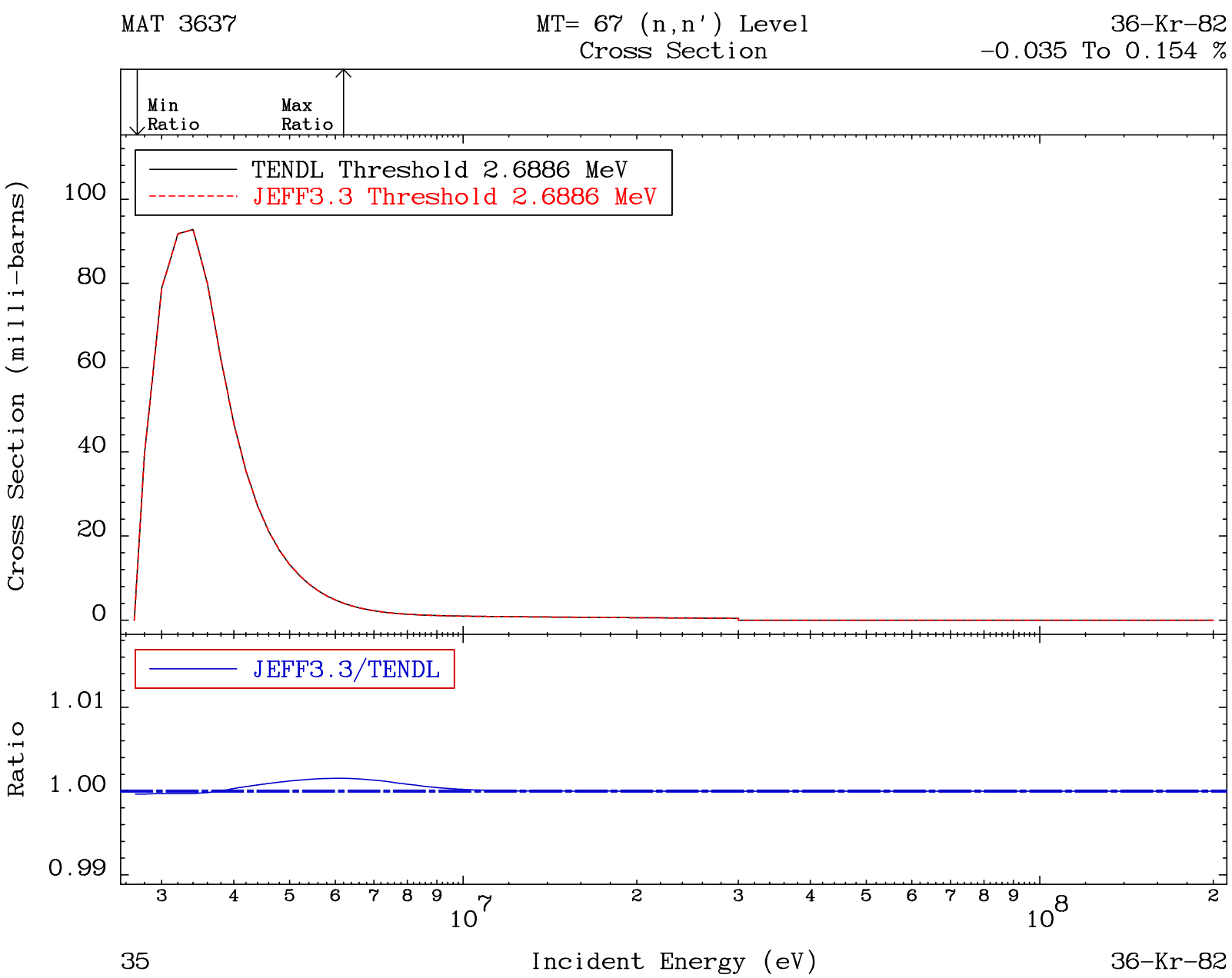

MAT 3637
MT= 62 (n,n') Level
Cross Section
36-Kr-82
-0.045 To 0.427 %
Min
Ratio
Max
Ratio
TENDL Threshold 2.5399 MeV
JEFF3.3 Threshold 2.5399 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
30
Incident Energy (eV)
36-Kr-82

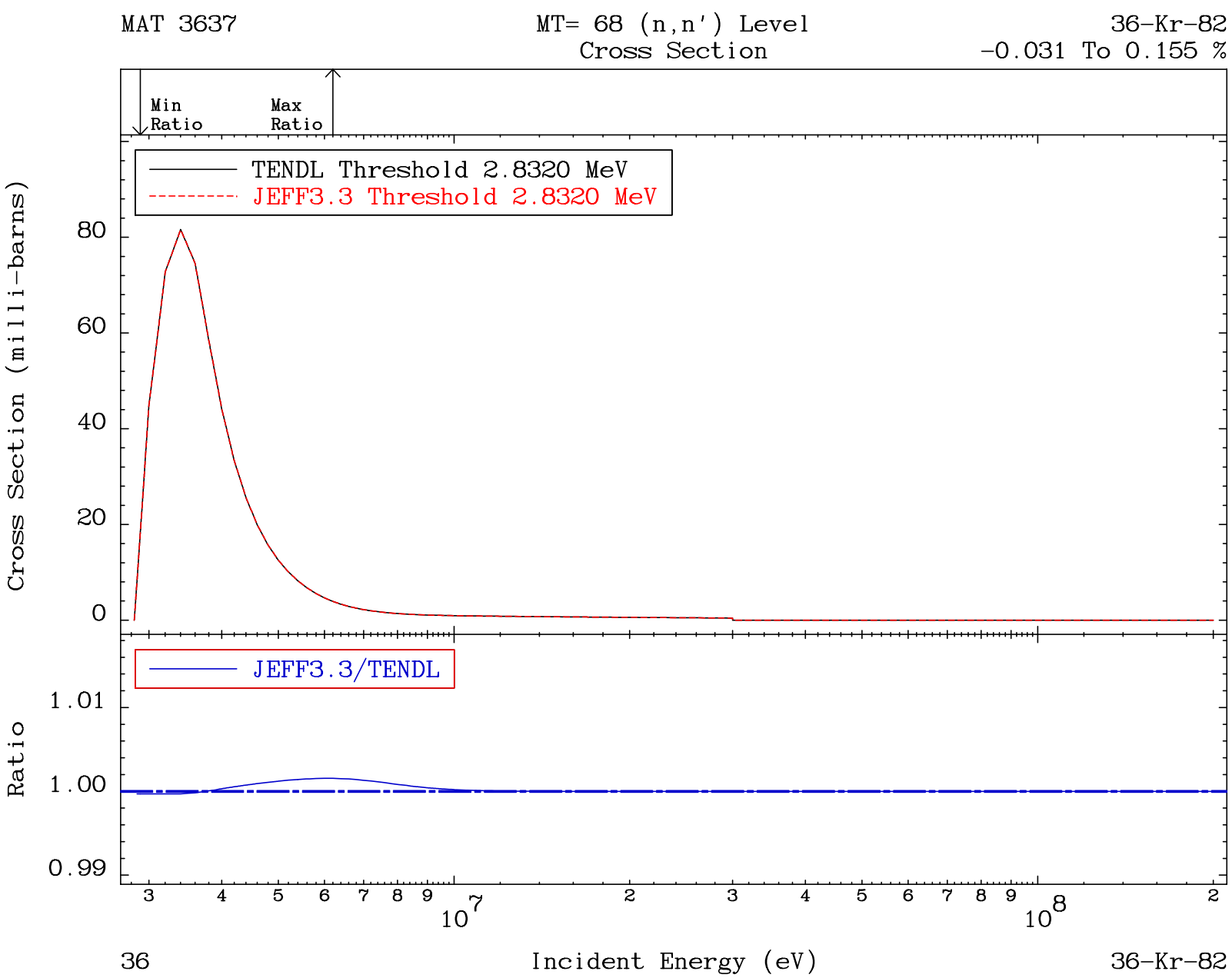

MAT 3637
MT= 63 (n,n') Level
Cross Section
36-Kr-82
-0.048 To 0.033 %
Min Ratio
Max Ratio
TENDL Threshold 2.5791 MeV
JEFF3.3 Threshold 2.5791 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
31
Incident Energy (eV)
36-Kr-82

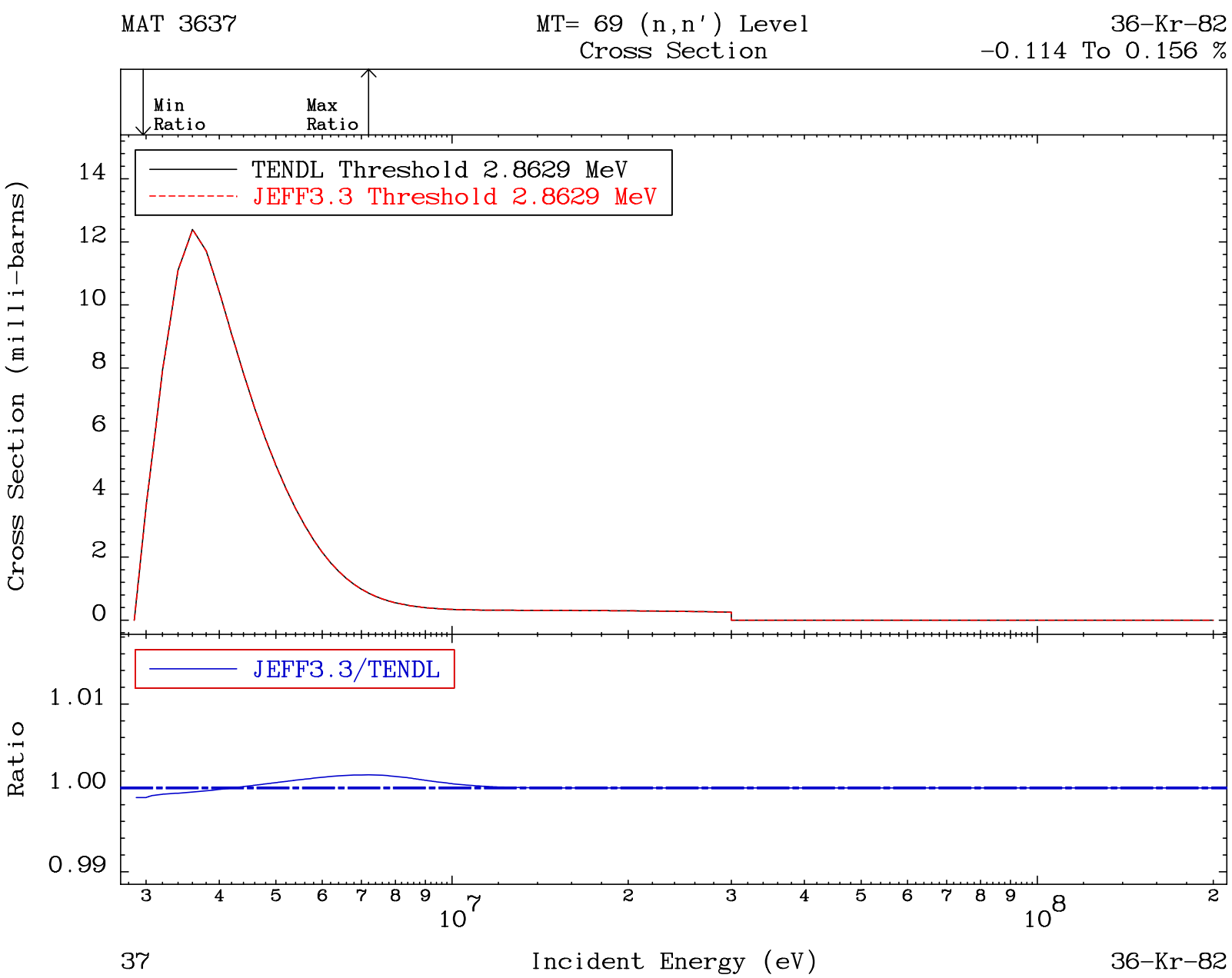

MAT 3637
MT= 64 (n,n') Level
Cross Section
36-Kr-82
-0.155 To 0.151 %
Min Ratio
Max Ratio
TENDL Threshold 2.5877 MeV
JEFF3.3 Threshold 2.5877 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
32
Incident Energy (eV)
36-Kr-82

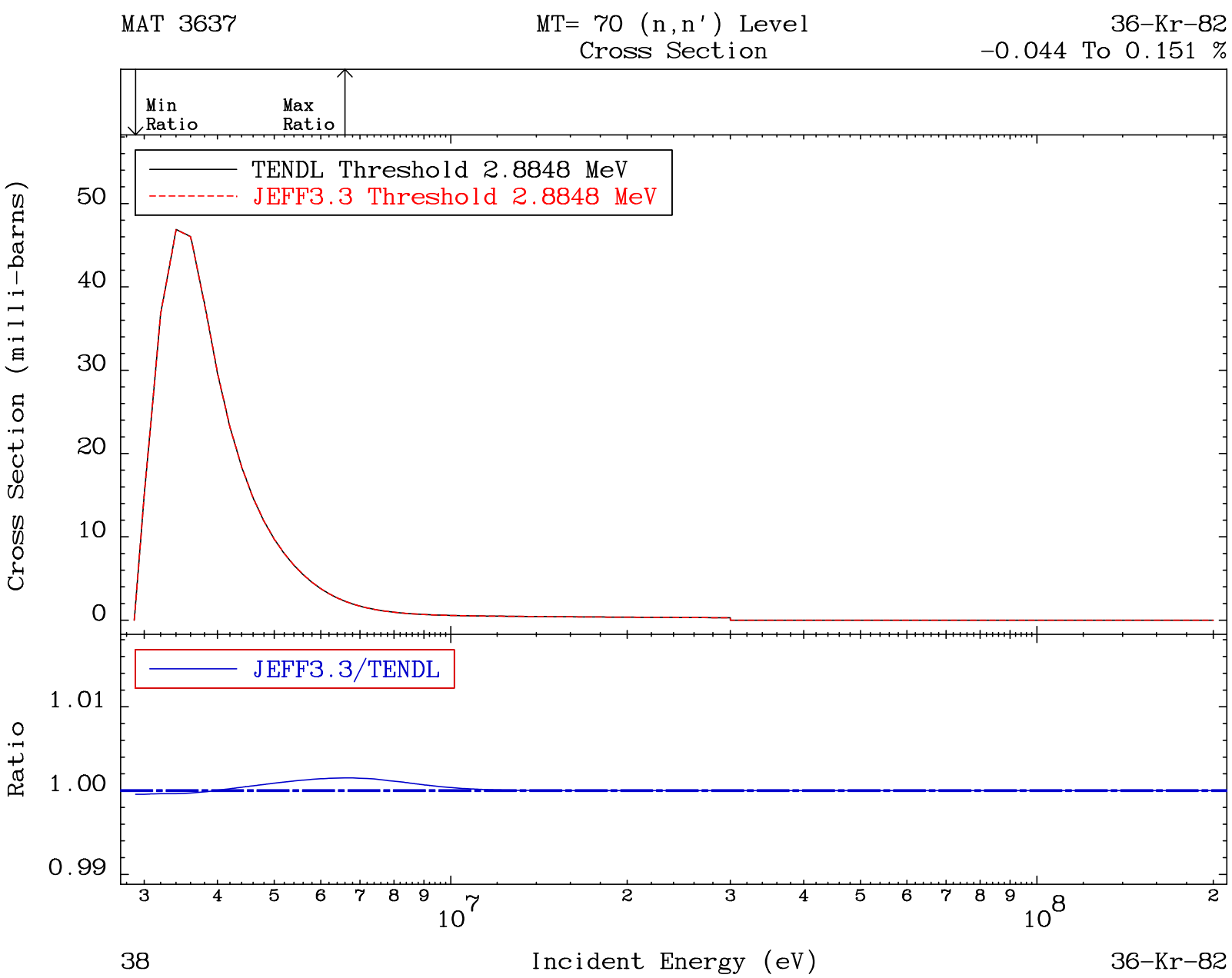

MAT 3637
MT= 65 (n,n') Level
Cross Section
36-Kr-82
-0.063 To 0.153 %
Min Ratio
Max Ratio
TENDL Threshold 2.5932 MeV
JEFF3.3 Threshold 2.5932 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
33
Incident Energy (eV)
36-Kr-82

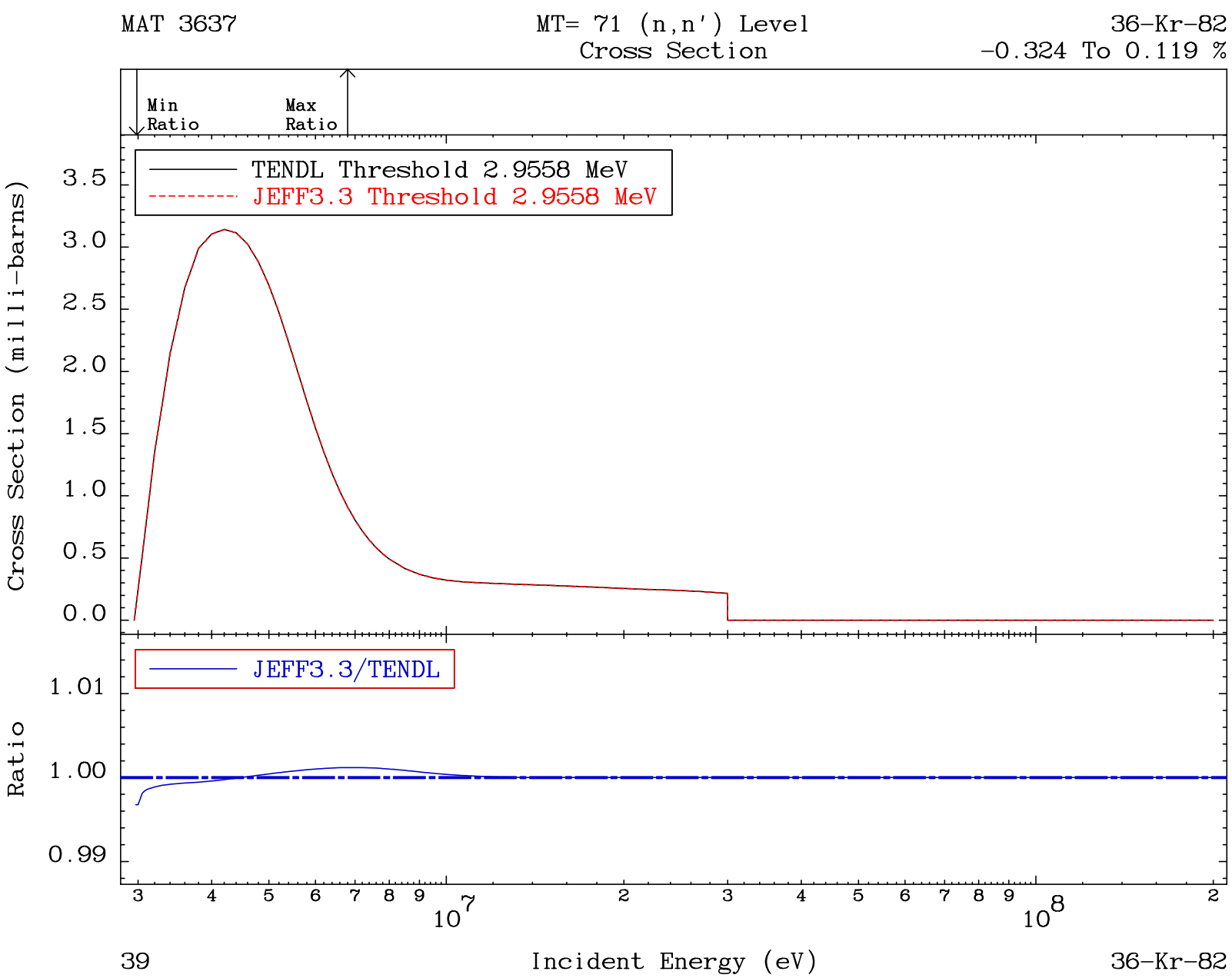

MAT 3637
MT= 66 (n,n') Level
Cross Section
36-Kr-82
-0.057 To 0.397 %
Min
Ratio
Max
Ratio
TENDL Threshold 2.6810 MeV
JEFF3.3 Threshold 2.6810 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
34
Incident Energy (eV)
36-Kr-82

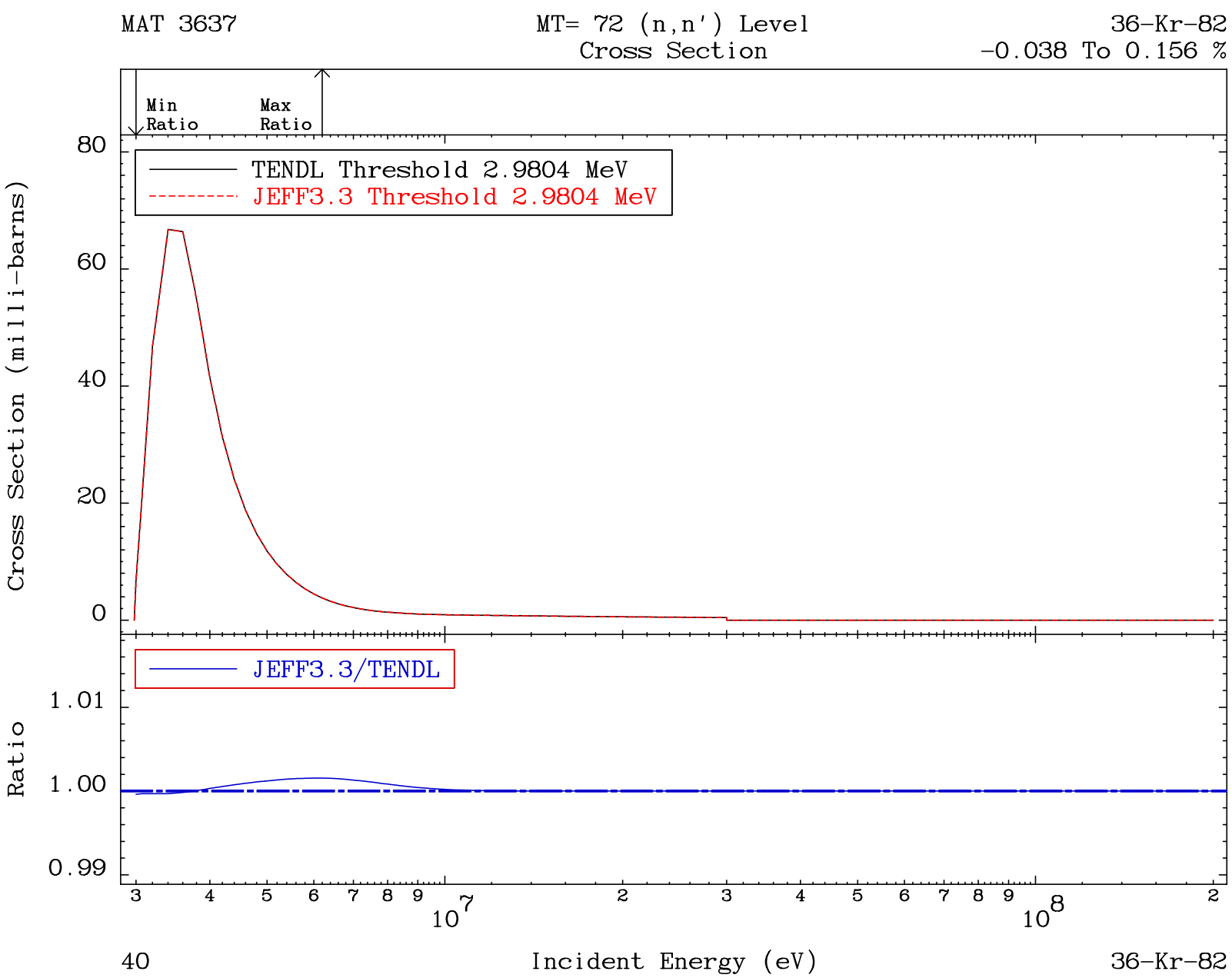

MAT 3637
MT= 67 (n,n') Level
Cross Section
36-Kr-82
-0.035 To 0.154 %
Min Ratio
Max Ratio
TENDL Threshold 2.6886 MeV
JEFF3.3 Threshold 2.6886 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
35
Incident Energy (eV)
36-Kr-82

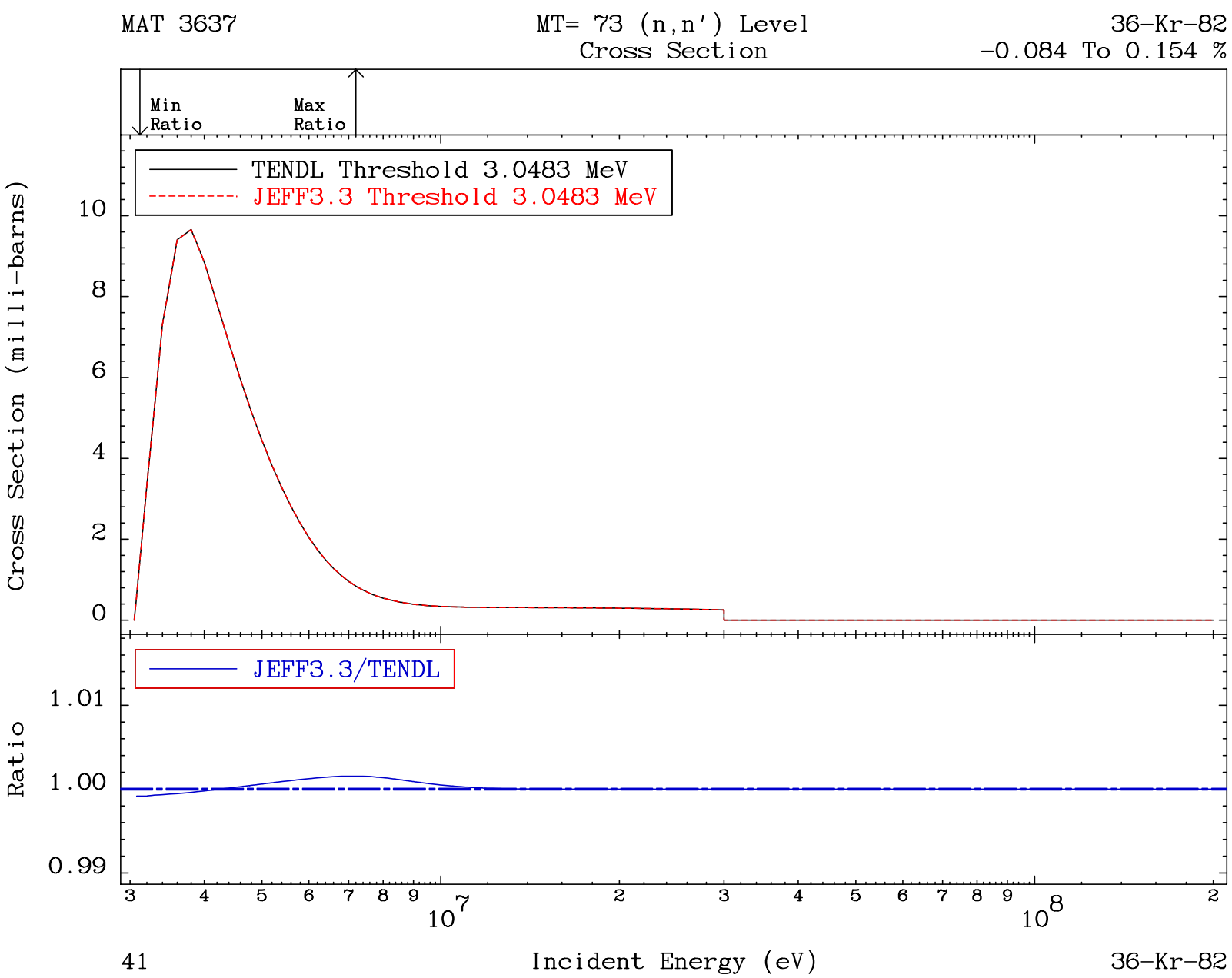

MAT 3637
MT= 68 (n,n') Level
Cross Section
36-Kr-82
-0.031 To 0.155 %
Min Ratio
Max Ratio
TENDL Threshold 2.8320 MeV
JEFF3.3 Threshold 2.8320 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
36
Incident Energy (eV)
36-Kr-82

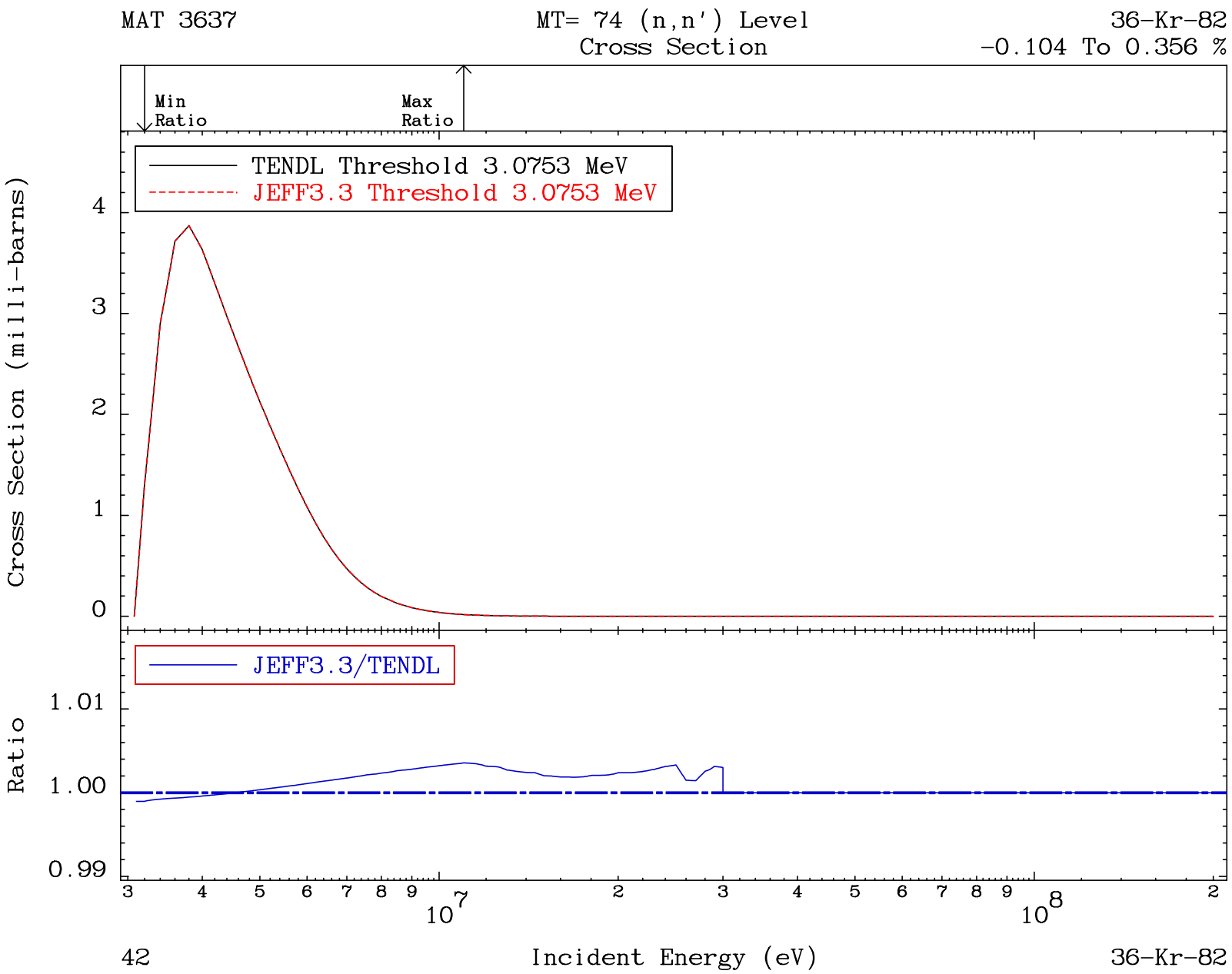

MAT 3637
MT= 69 (n,n') Level
Cross Section
36-Kr-82
-0.114 To 0.156 %
Min Ratio
Max Ratio
TENDL Threshold 2.8629 MeV
JEFF3.3 Threshold 2.8629 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
37
Incident Energy (eV)
36-Kr-82

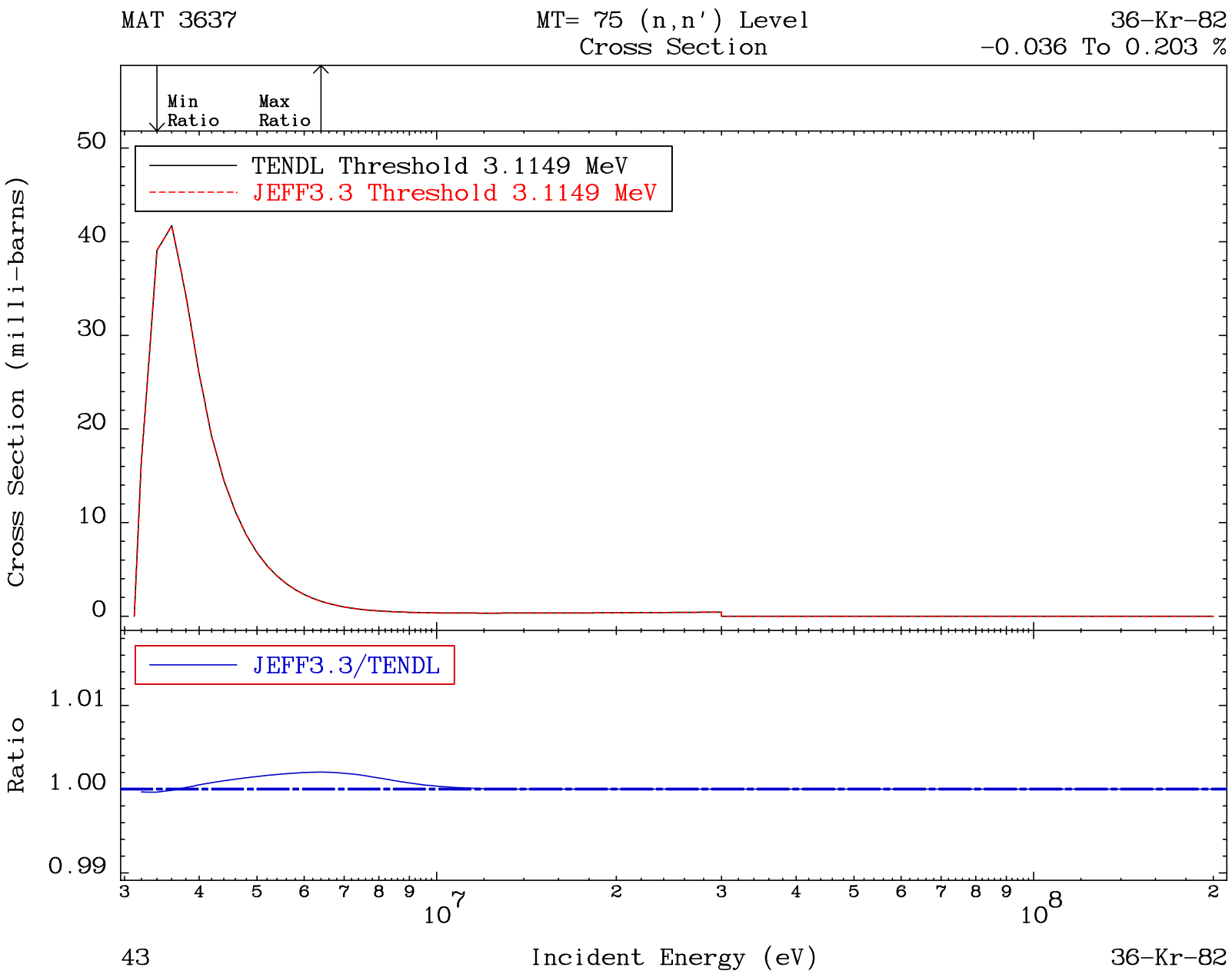

MAT 3637
MT= 70 (n,n') Level
Cross Section
36-Kr-82
-0.044 To 0.151 %
Min Ratio
Max Ratio
TENDL Threshold 2.8848 MeV
JEFF3.3 Threshold 2.8848 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
38
Incident Energy (eV)
36-Kr-82

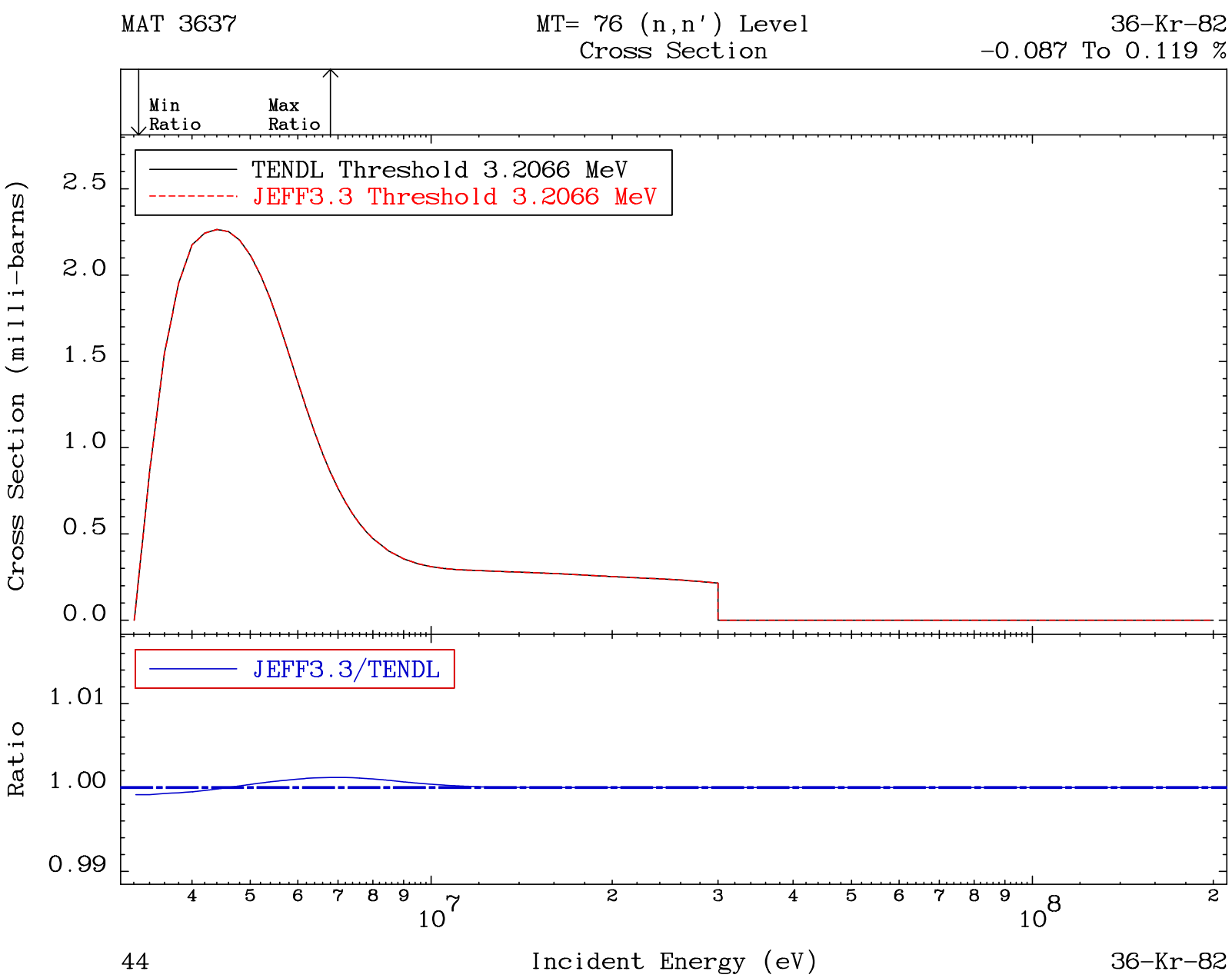

MAT 3637
MT= 71 (n,n') Level
Cross Section
36-Kr-82
-0.324 To 0.119 %
Min Ratio
Max Ratio
TENDL Threshold 2.9558 MeV
JEFF3.3 Threshold 2.9558 MeV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
39
Incident Energy (eV)
36-Kr-82

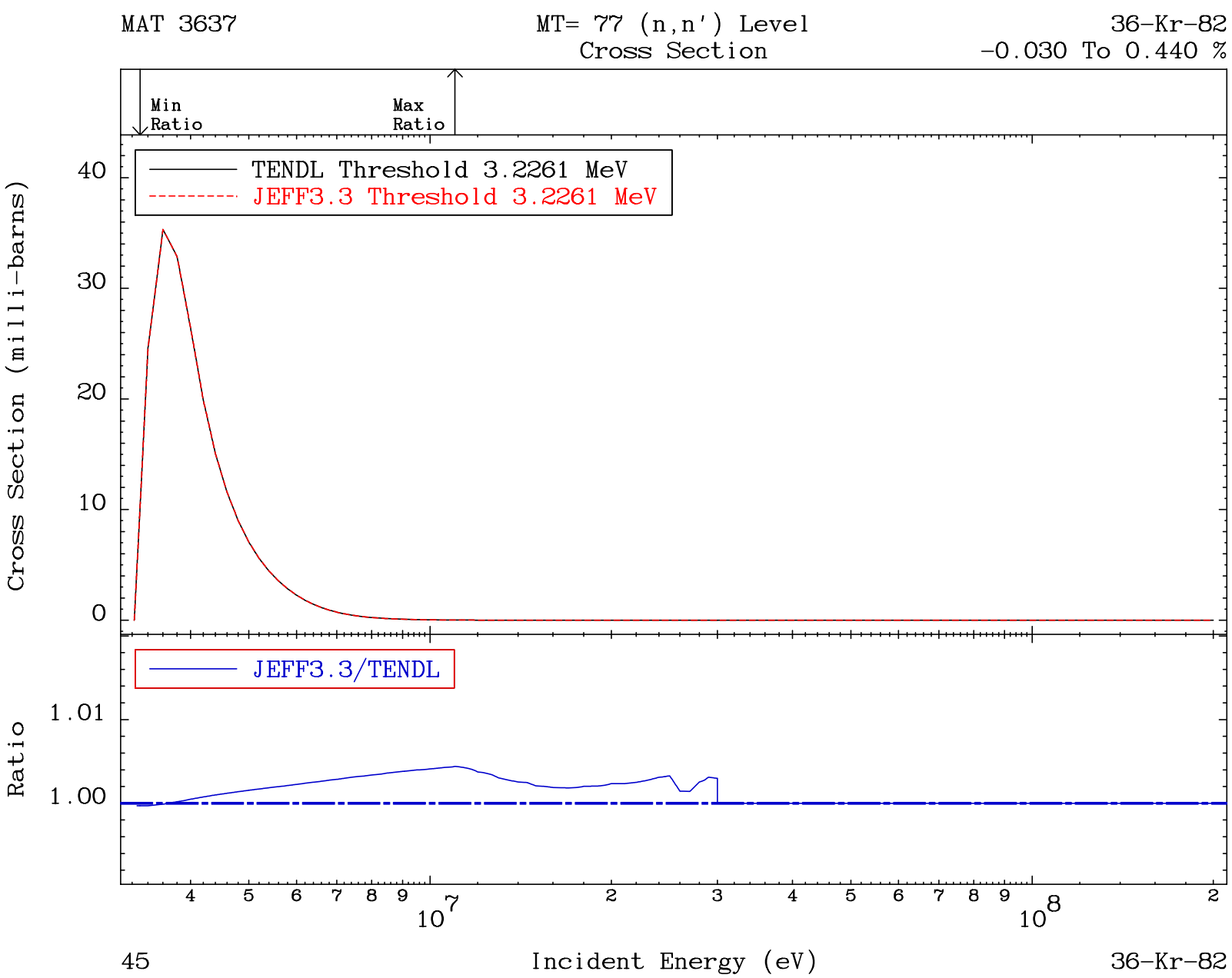

MAT 3637
MT= 72 (n,n') Level
Cross Section
36-Kr-82
-0.038 To 0.156 %
Min Ratio
Max Ratio
TENDL Threshold 2.9804 MeV
JEFF3.3 Threshold 2.9804 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
40
36-Kr-82

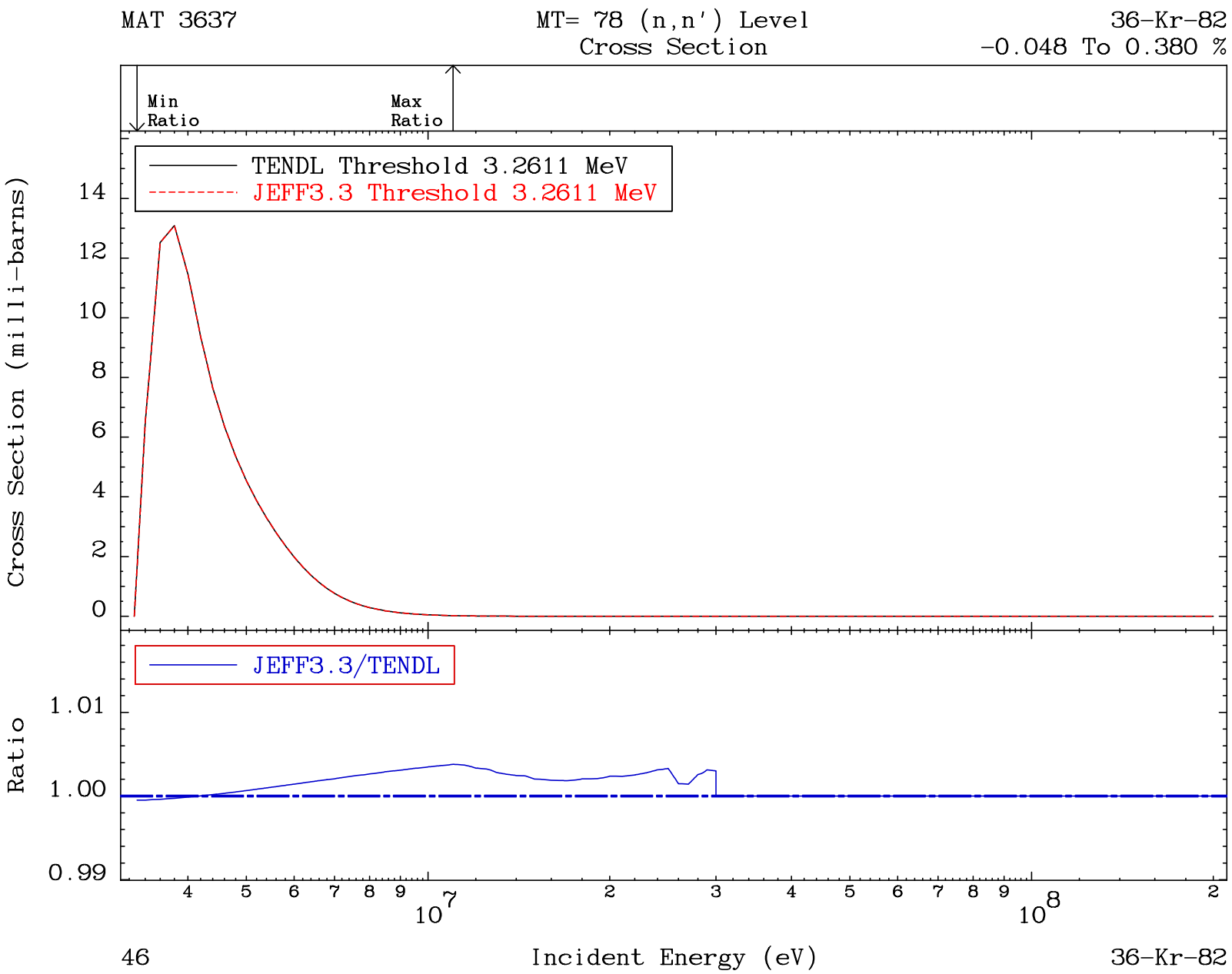

MAT 3637
MT= 73 (n,n') Level
Cross Section
36-Kr-82
-0.084 To 0.154 %
Min Ratio
Max Ratio
TENDL Threshold 3.0483 MeV
JEFF3.3 Threshold 3.0483 MeV
Cross Section (milli-barns)
10
8
6
4
2
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
41
Incident Energy (eV)
36-Kr-82

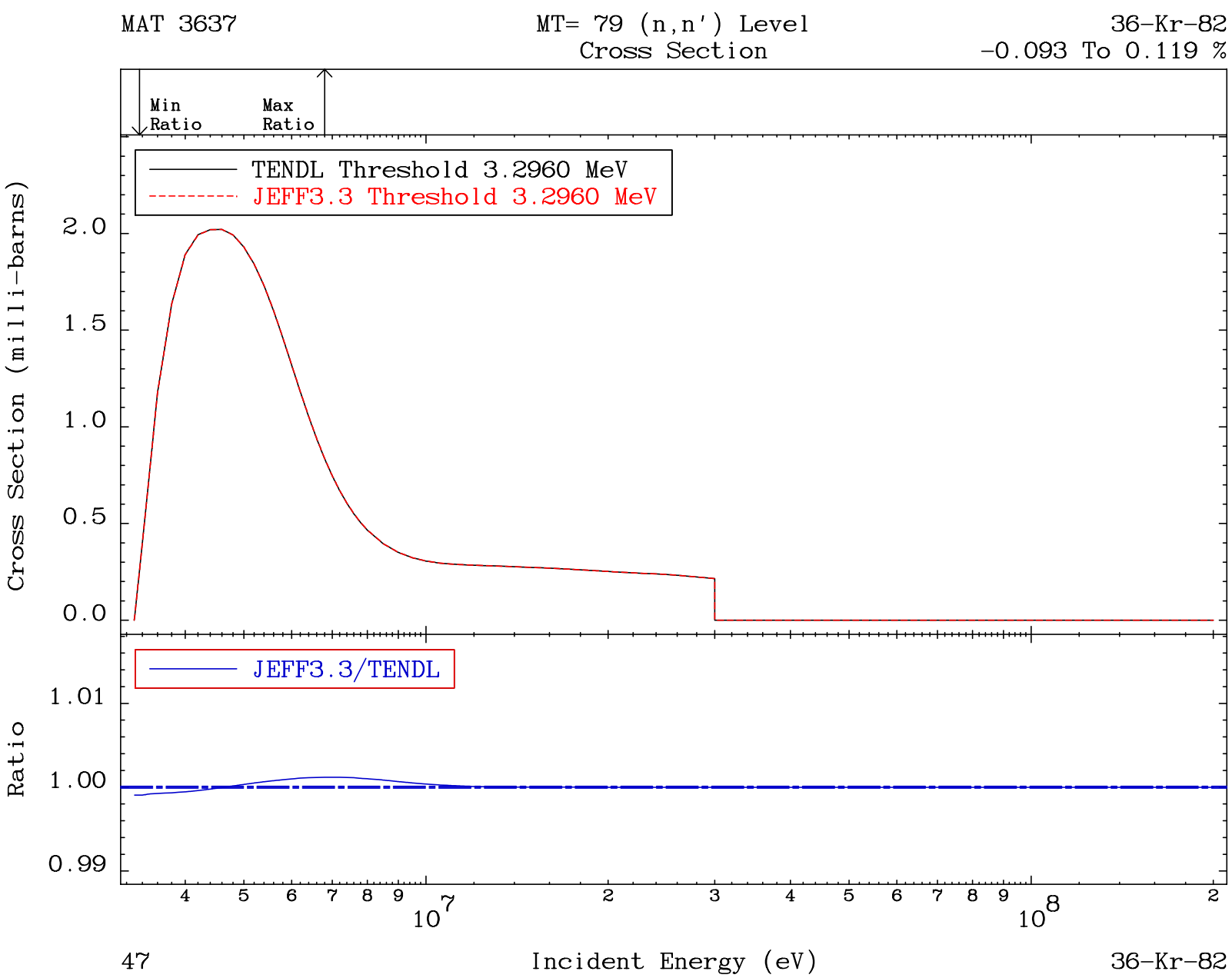

MAT 3637
MT= 74 (n,n') Level
Cross Section
36-Kr-82
-0.104 To 0.356 %
Min
Ratio
Max
Ratio
TENDL Threshold 3.0753 MeV
JEFF3.3 Threshold 3.0753 MeV
Cross Section (milli-barns)
0
1
2
3
4
JEFF3.3/TENDL
Ratio
0.99
1.00
1.01
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
42
36-Kr-82

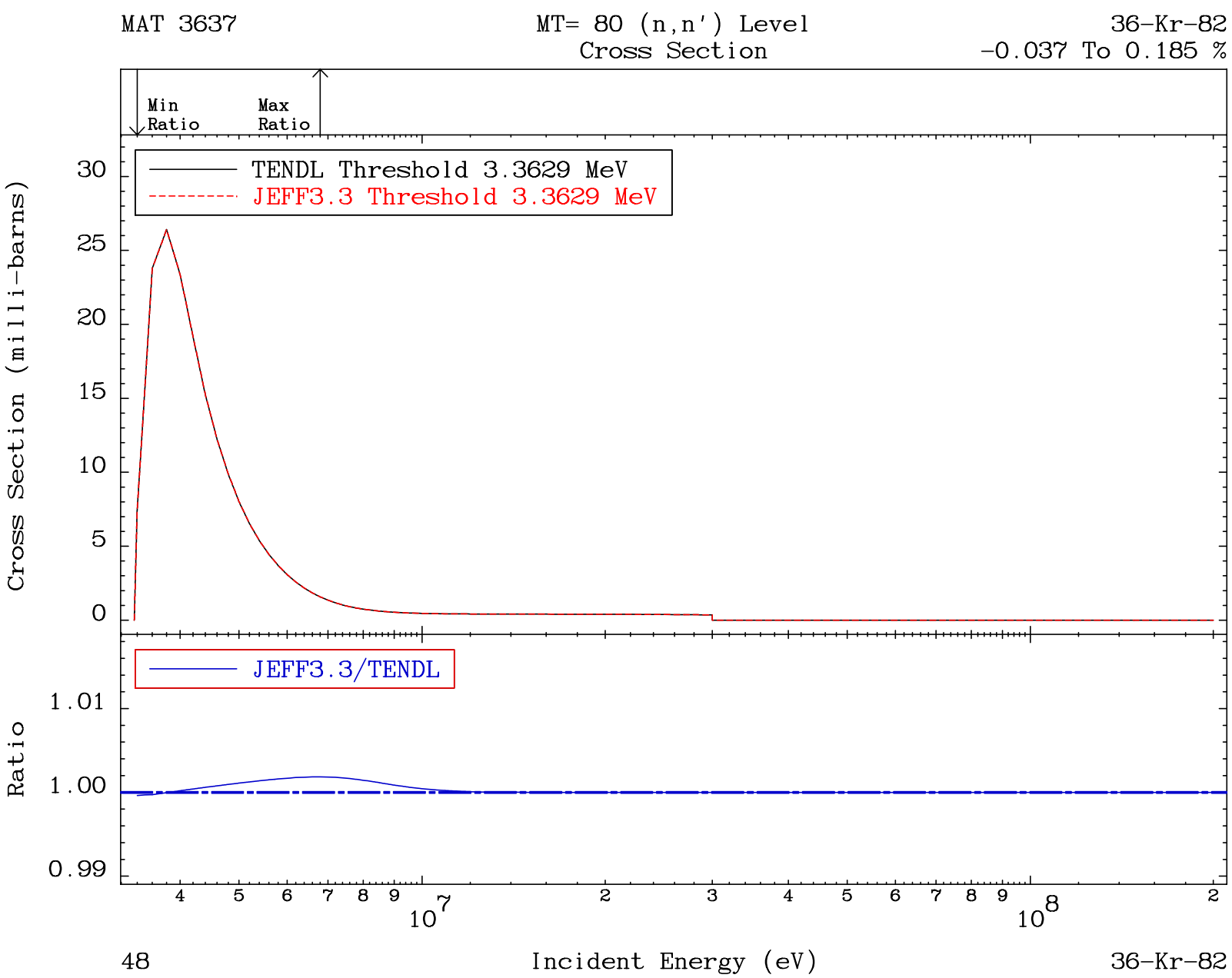

MAT 3637
MT= 75 (n,n') Level
Cross Section
36-Kr-82
-0.036 To 0.203 %
Min Ratio
Max Ratio
TENDL Threshold 3.1149 MeV
JEFF3.3 Threshold 3.1149 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
43
Incident Energy (eV)
36-Kr-82

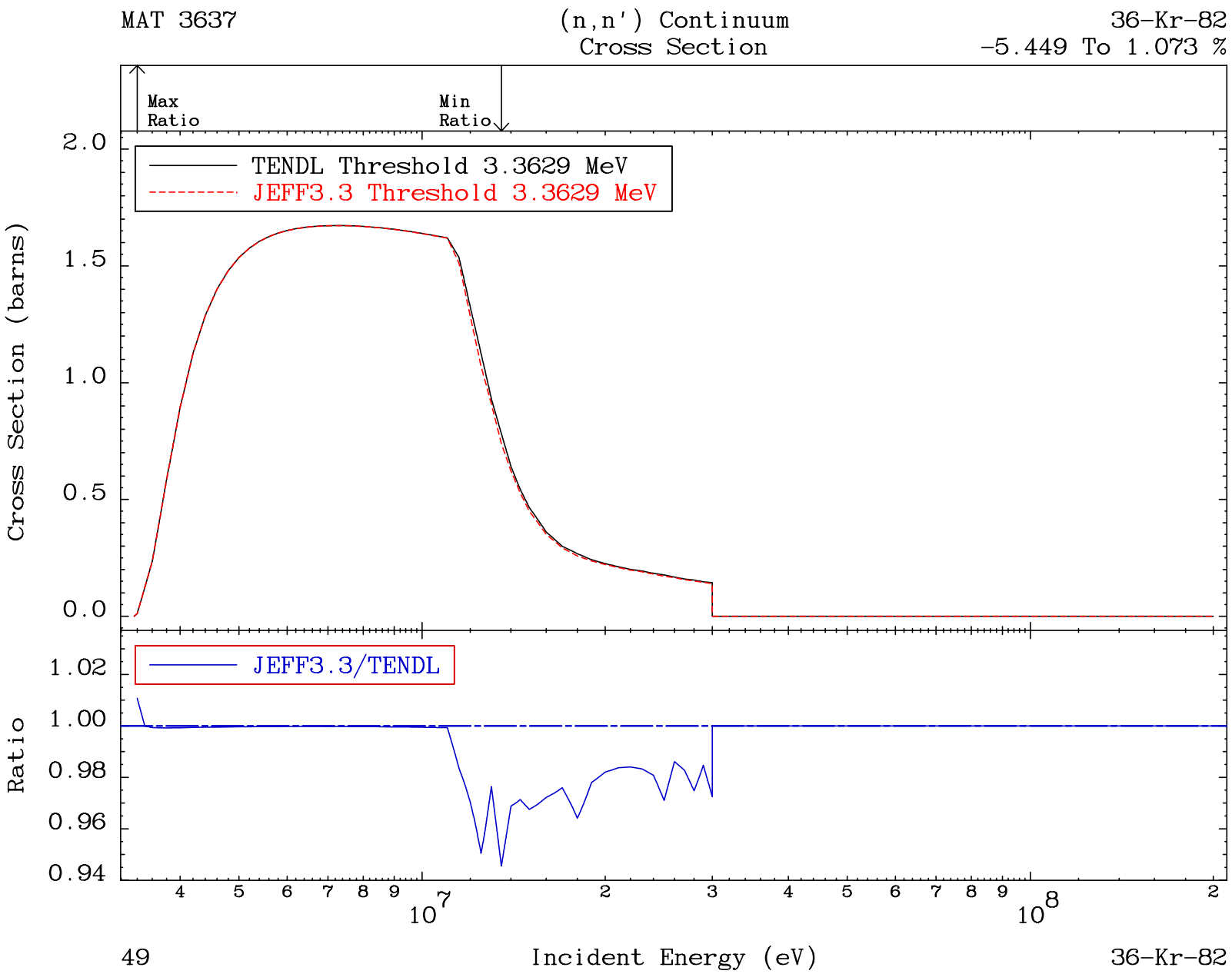

MAT 3637
MT= 76 (n,n') Level
Cross Section
36-Kr-82
-0.087 To 0.119 %
Min Ratio
Max Ratio
TENDL Threshold 3.2066 MeV
JEFF3.3 Threshold 3.2066 MeV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
44
Incident Energy (eV)
36-Kr-82

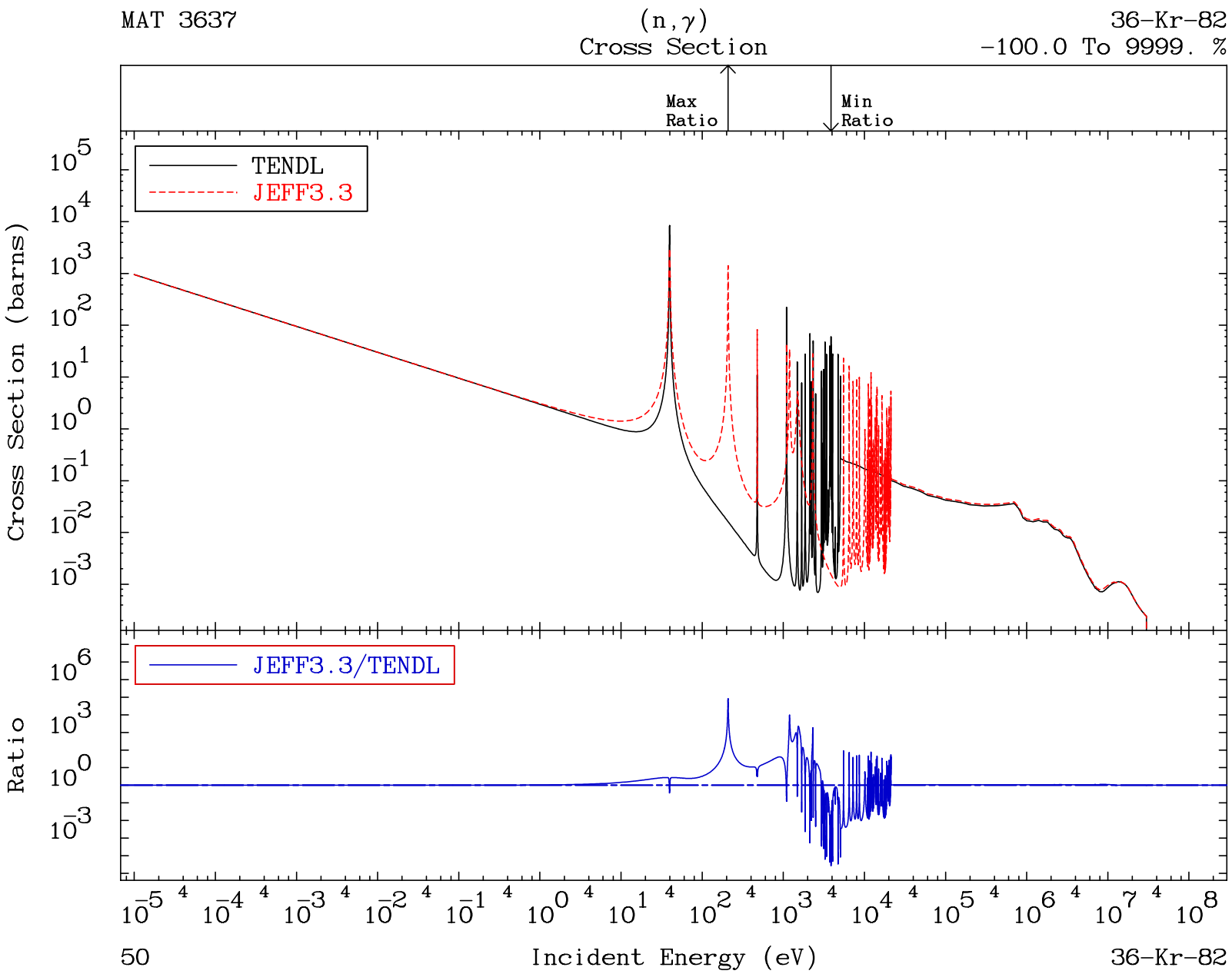

MAT 3637
MT= 77 (n,n') Level
Cross Section
36-Kr-82
-0.030 To 0.440 %
Min
Ratio
Max
Ratio
TENDL Threshold 3.2261 MeV
JEFF3.3 Threshold 3.2261 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.01
1.00
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
45
Incident Energy (eV)
36-Kr-82

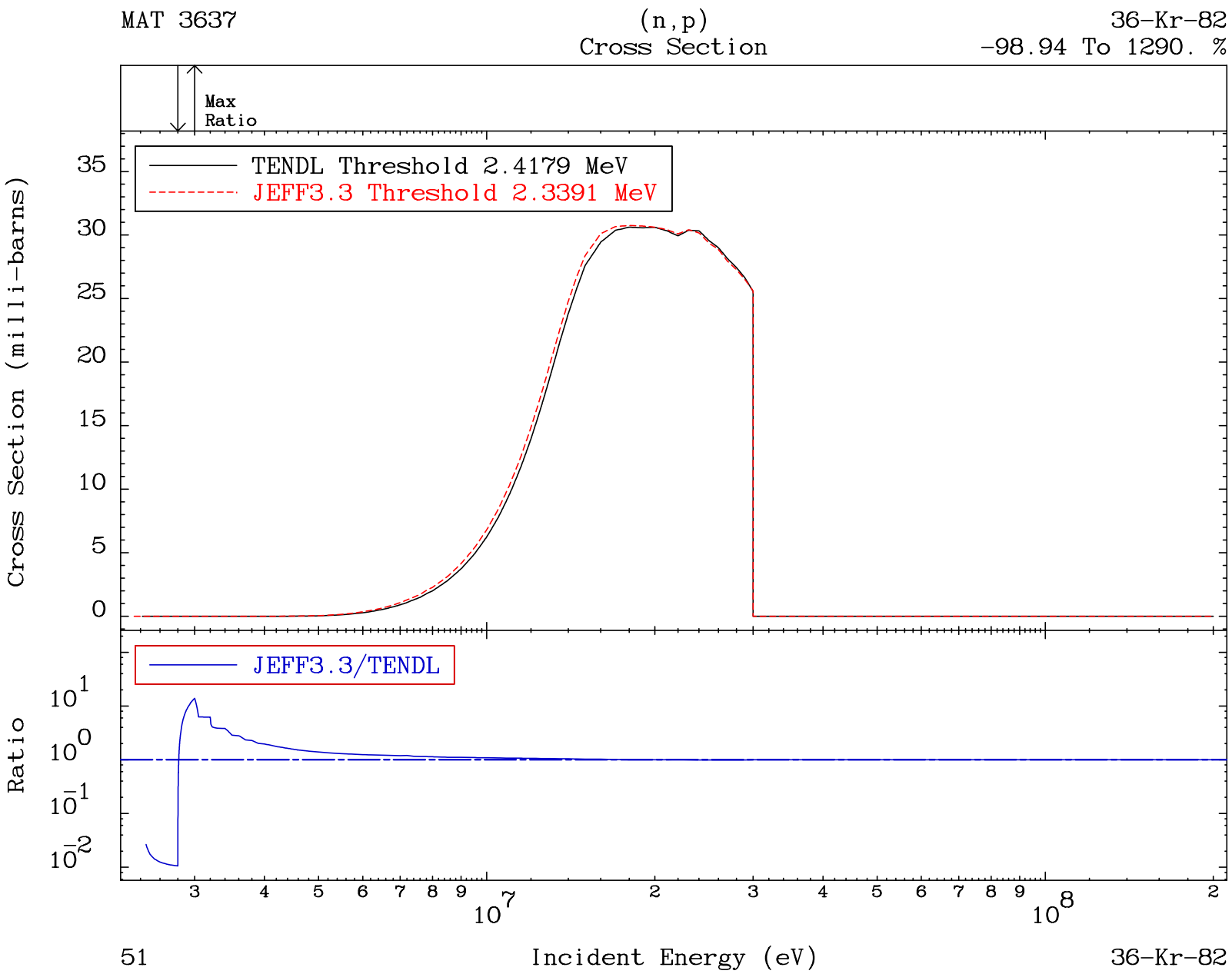

MAT 3637
MT= 78 (n,n') Level
Cross Section
36-Kr-82
-0.048 To 0.380 %
Min Ratio
Max Ratio
TENDL Threshold 3.2611 MeV
JEFF3.3 Threshold 3.2611 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
46
Incident Energy (eV)
36-Kr-82

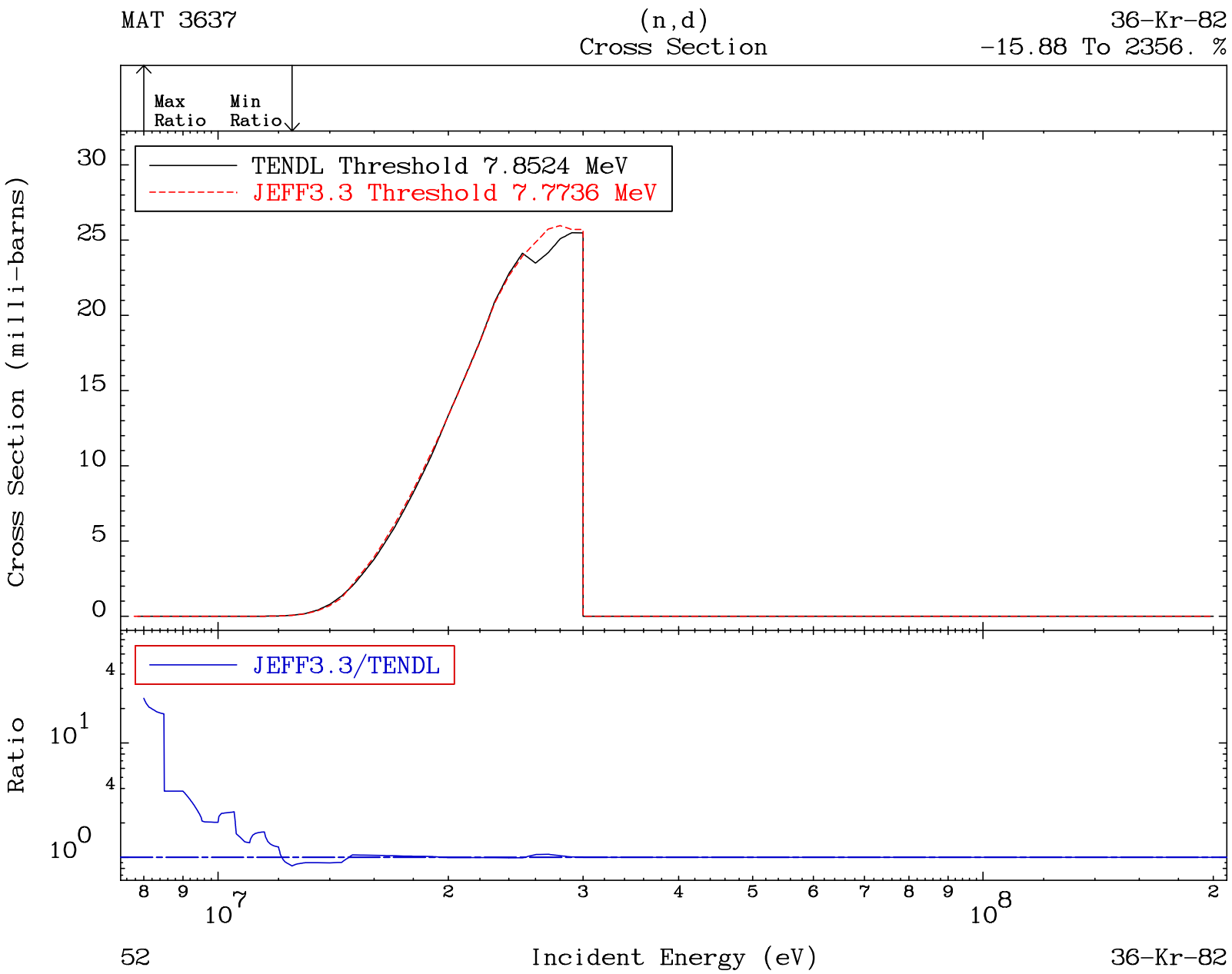

MAT 3637
MT= 79 (n,n') Level
Cross Section
36-Kr-82
-0.093 To 0.119 %
Min Ratio
Max Ratio
TENDL Threshold 3.2960 MeV
JEFF3.3 Threshold 3.2960 MeV
Cross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
47
Incident Energy (eV)
36-Kr-82

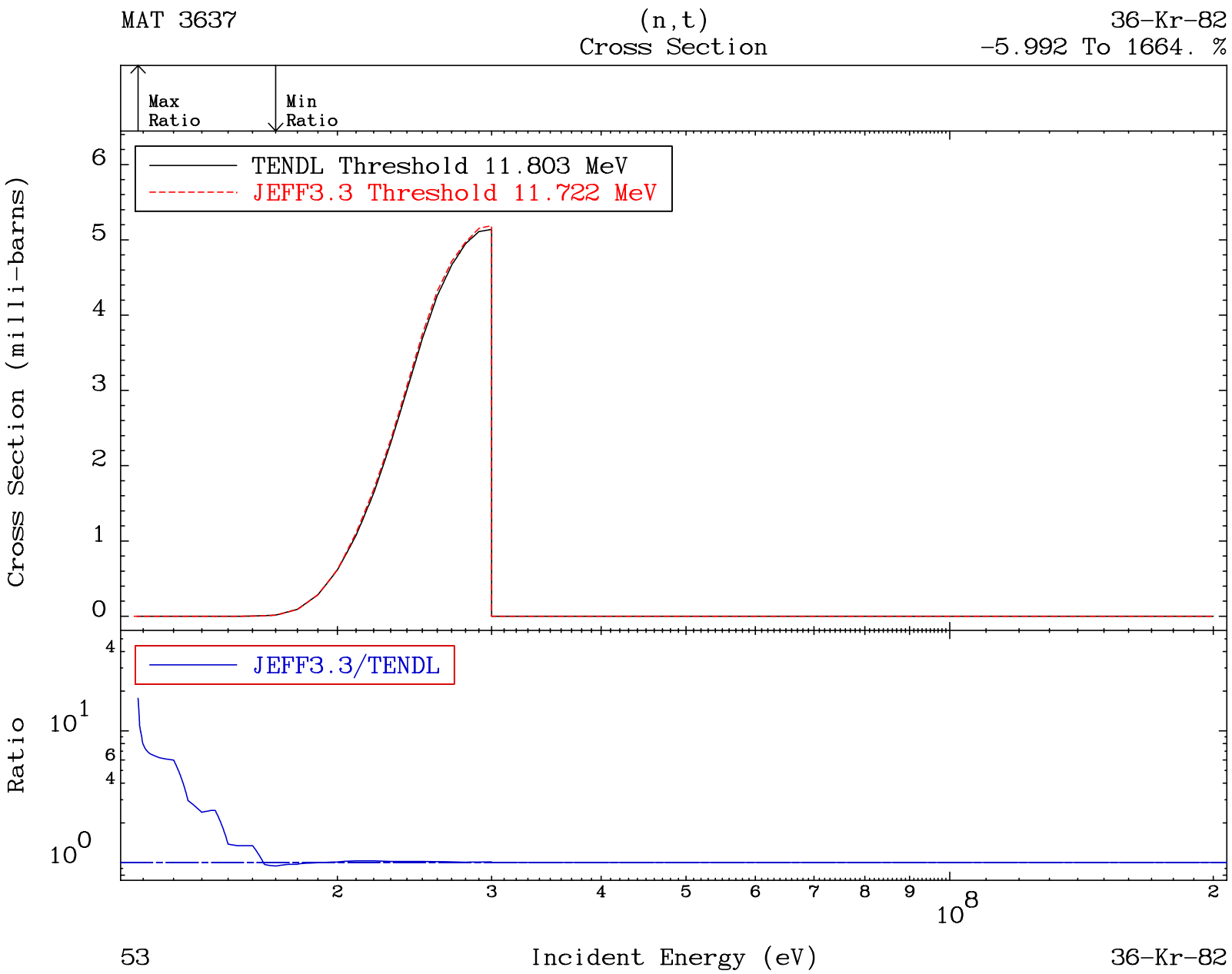

MAT 3637
MT= 80 (n,n') Level
Cross Section
36-Kr-82
-0.037 To 0.185 %
Min Ratio
Max Ratio
TENDL Threshold 3.3629 MeV
JEFF3.3 Threshold 3.3629 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.01
1.00
0.99
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
48
Incident Energy (eV)
36-Kr-82

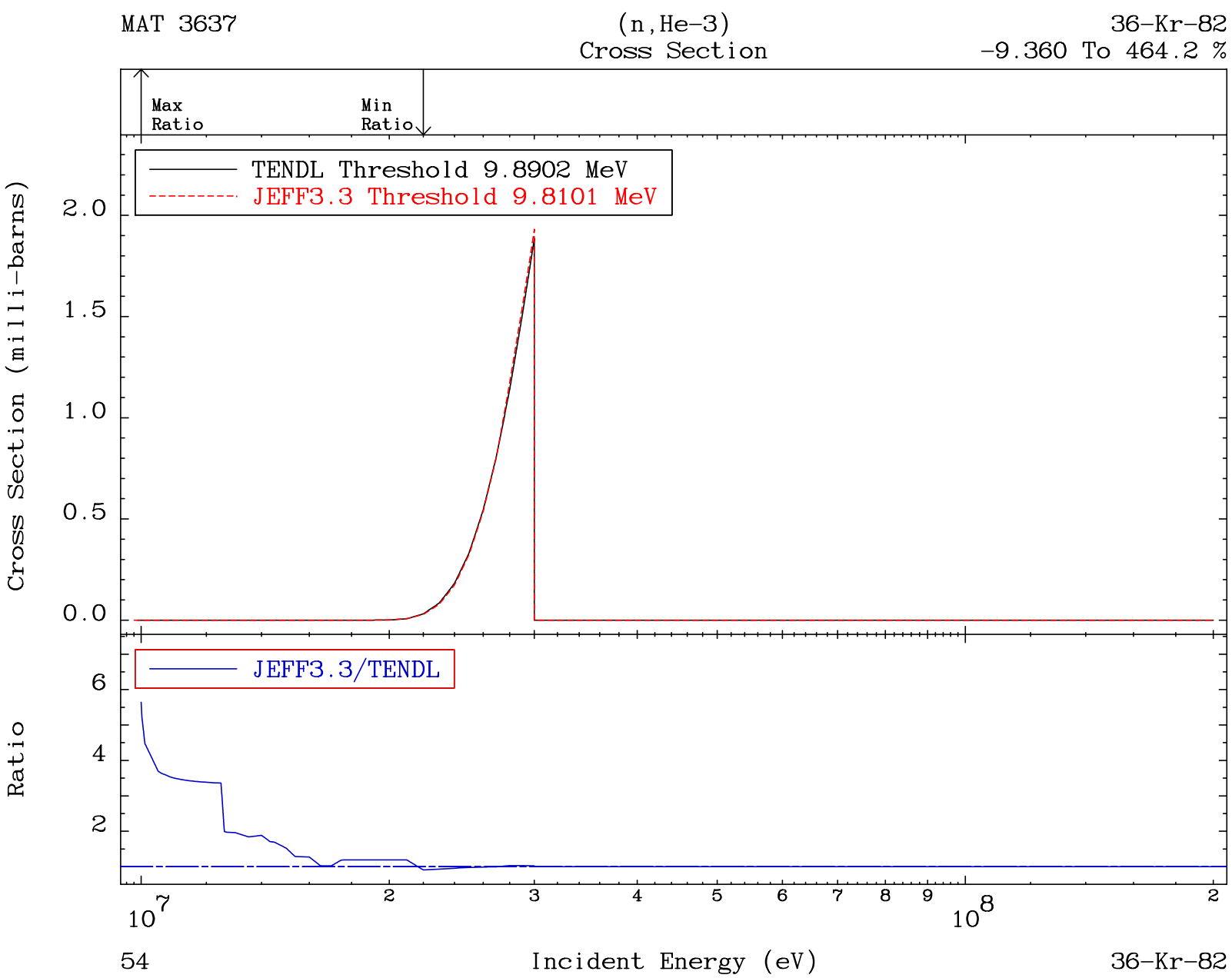

MAT 3637
(n,n') Continuum
Cross Section
36-Kr-82
-5.449 To 1.073 %
Max
Ratio
Min
Ratio
TENDL Threshold 3.3629 MeV
JEFF3.3 Threshold 3.3629 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
1.02
1.00
0.98
0.96
0.94
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
49
Incident Energy (eV)
36-Kr-82

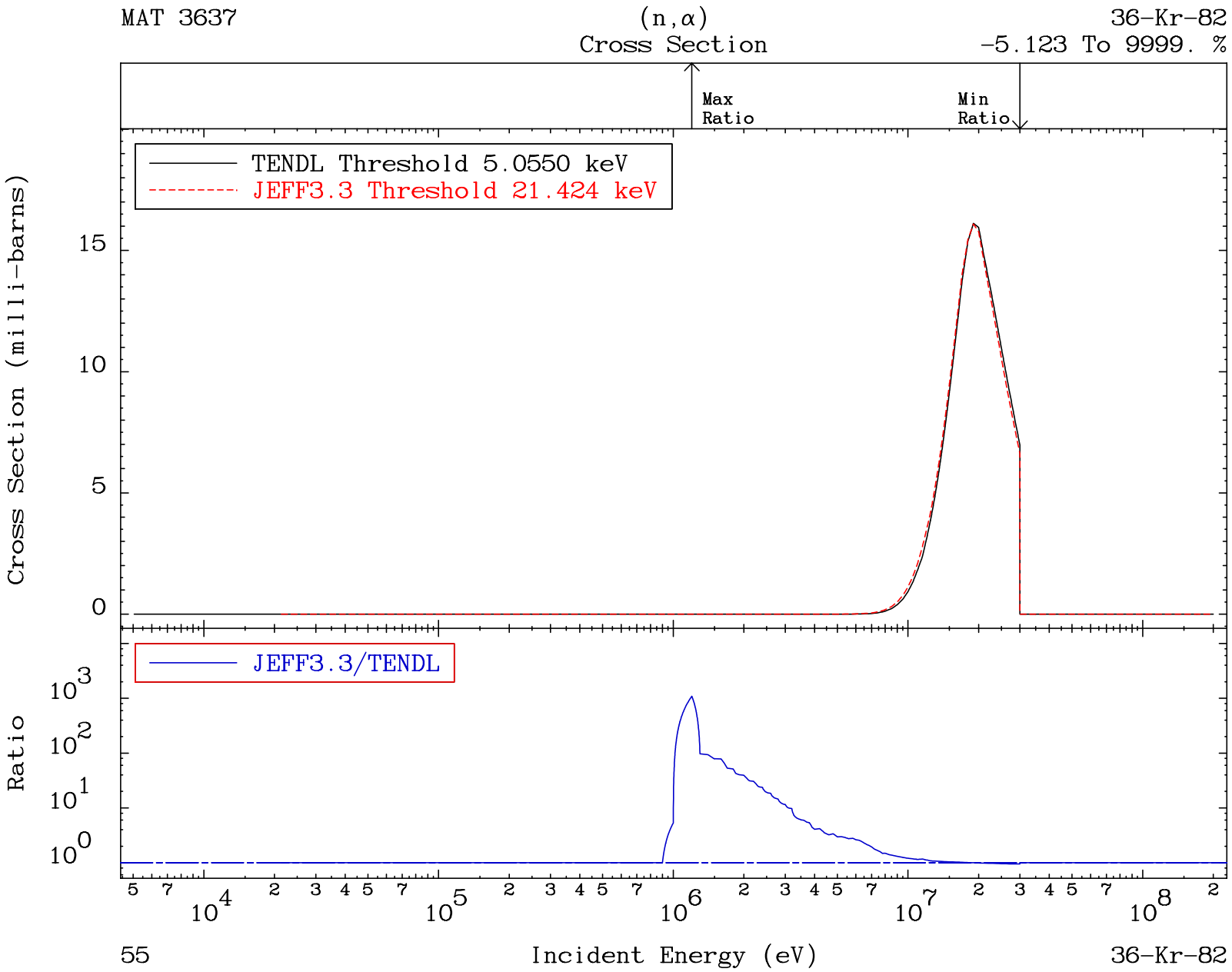

MAT 3637
(n,γ)
Cross Section
36-Kr-82
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
50
36-Kr-82

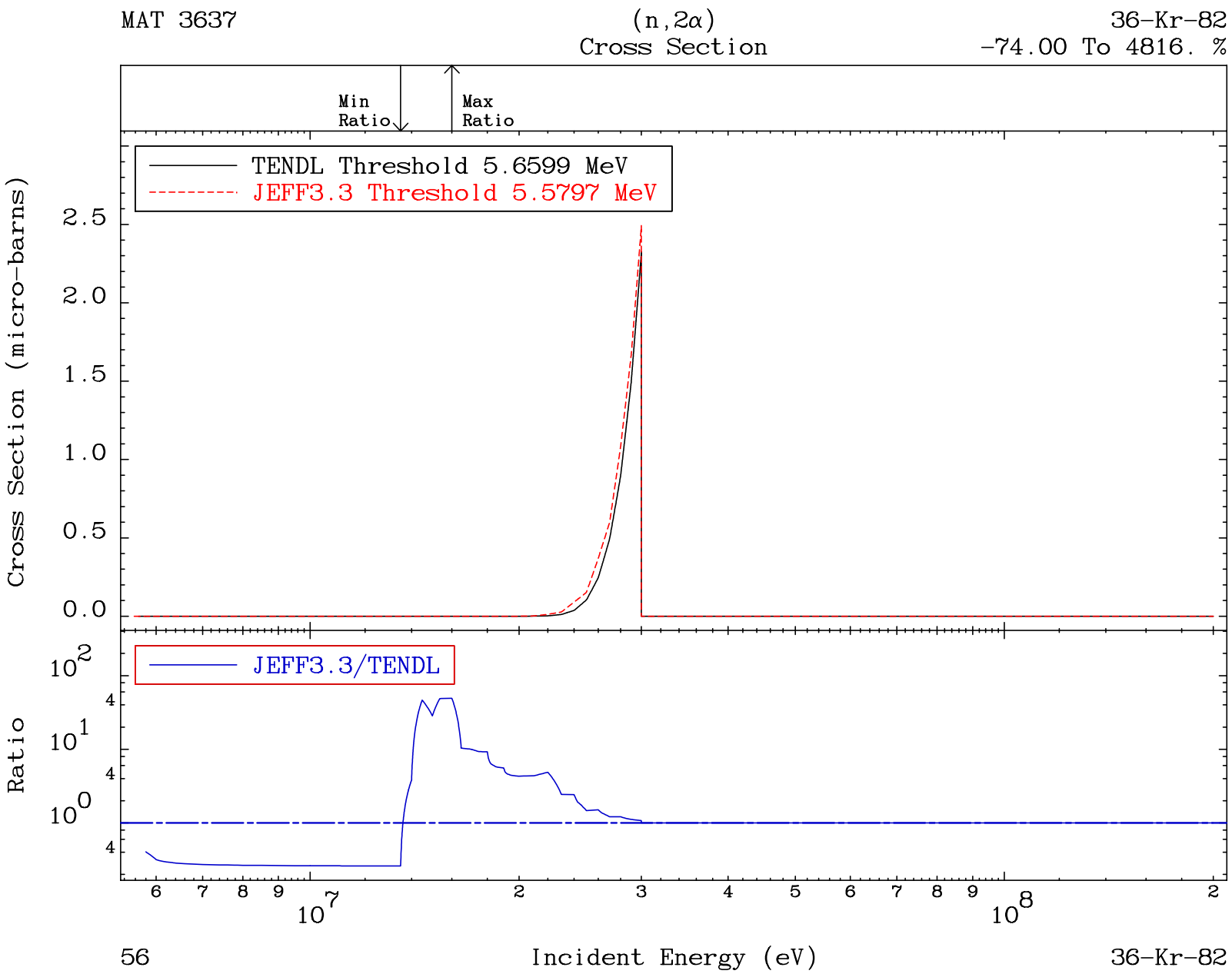

MAT 3637
(n,p)
Cross Section
36-Kr-82
-98.94 To 1290. %
Max
Ratio
TENDL Threshold 2.4179 MeV
JEFF3.3 Threshold 2.3391 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
10^-2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
51
Incident Energy (eV)
36-Kr-82

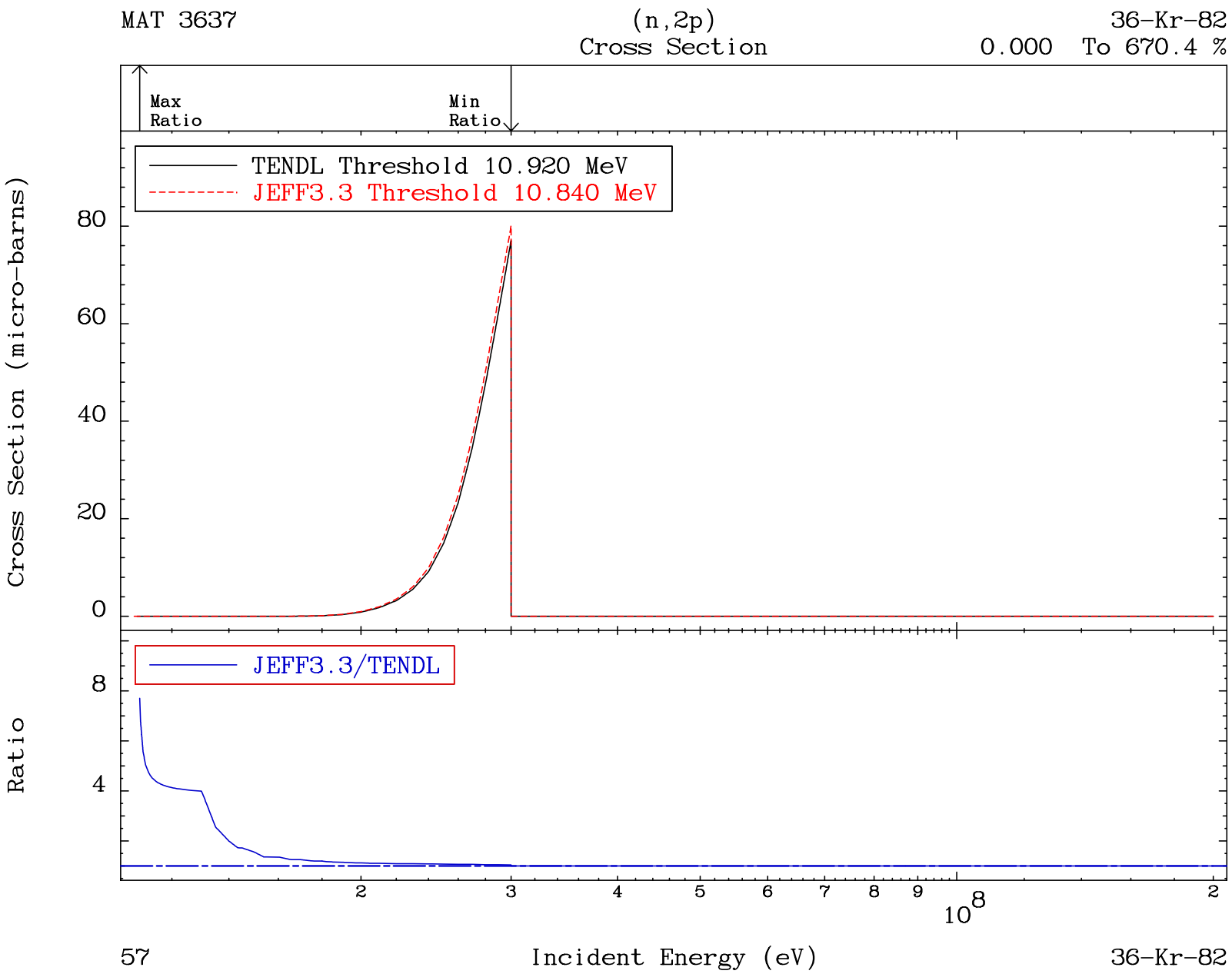

MAT 3637
(n,d)
Cross Section
36-Kr-82
-15.88 To 2356. %
Max Ratio
Min Ratio
TENDL Threshold 7.8524 MeV
JEFF3.3 Threshold 7.7736 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
52
36-Kr-82

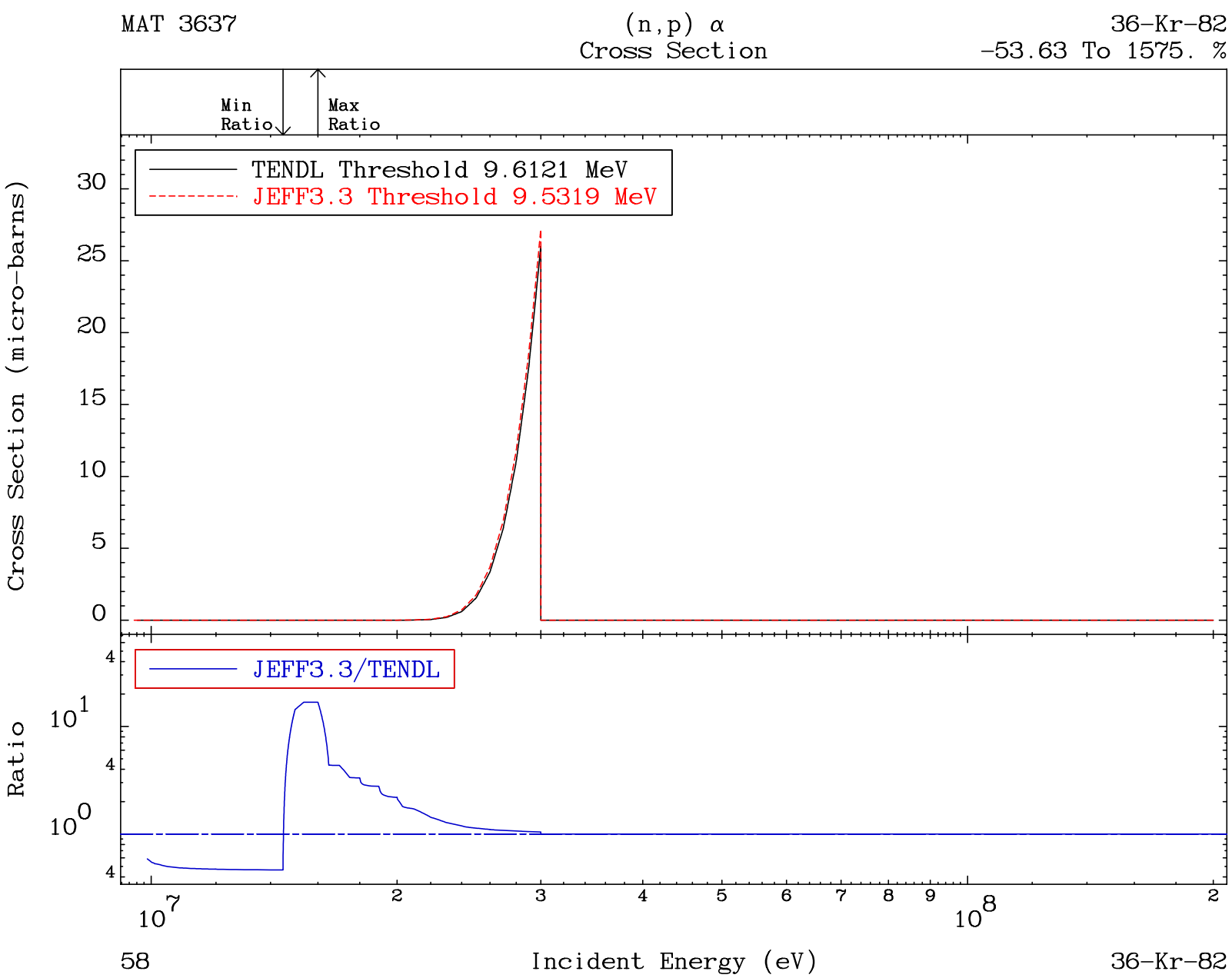

MAT 3637
(n,t)
Cross Section
36-Kr-82
-5.992 To 1664. %
Max Ratio
Min Ratio
TENDL Threshold 11.803 MeV
JEFF3.3 Threshold 11.722 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
53
36-Kr-82

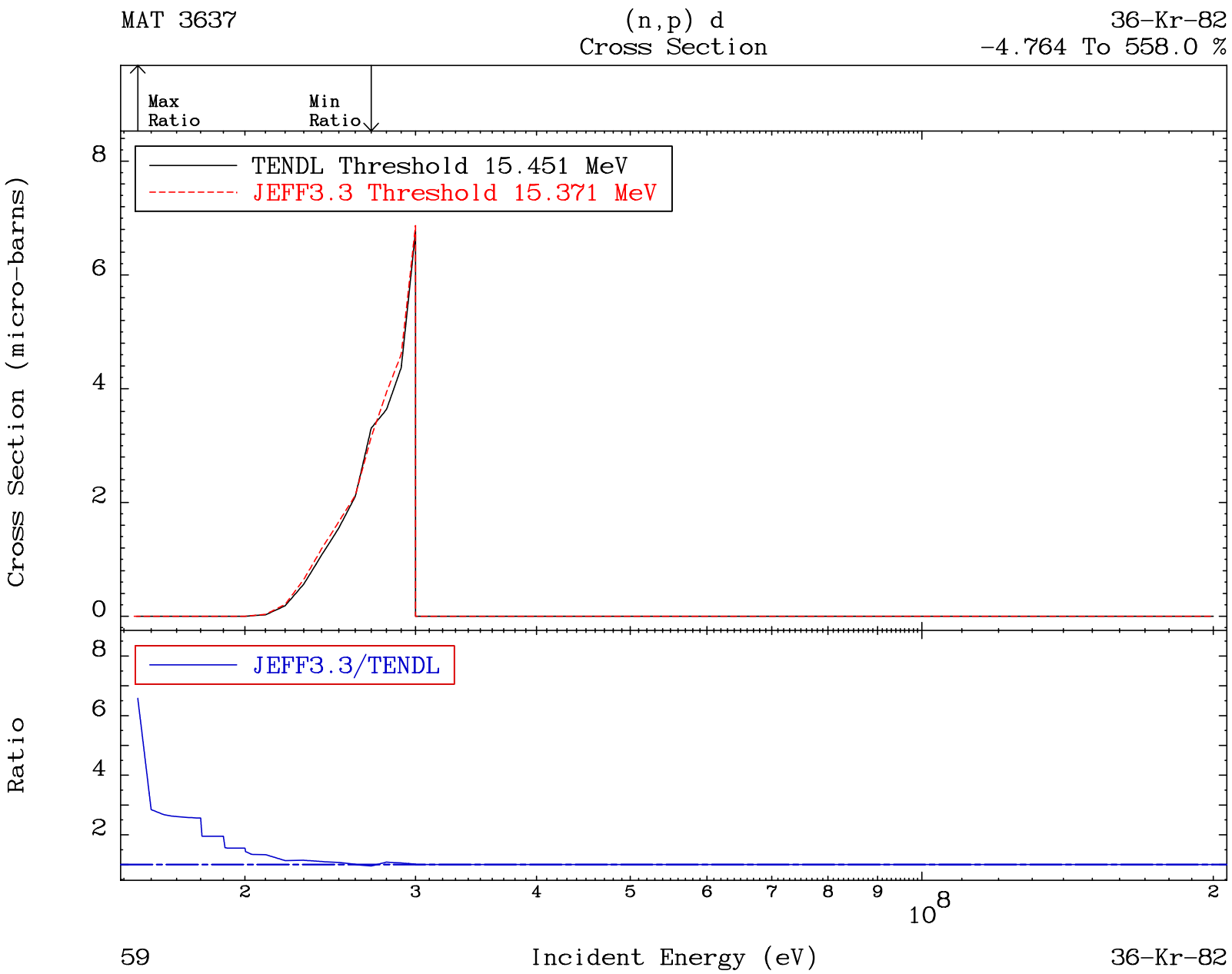

MAT 3637
(n,He-3)
Cross Section
36-Kr-82
-9.360 To 464.2 %
Max Ratio
Min Ratio
TENDL Threshold 9.8902 MeV
JEFF3.3 Threshold 9.8101 MeV
Cross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
6
4
2
10^7
2
3
4
5
6
7
8
9
10^8
2
54
Incident Energy (eV)
36-Kr-82

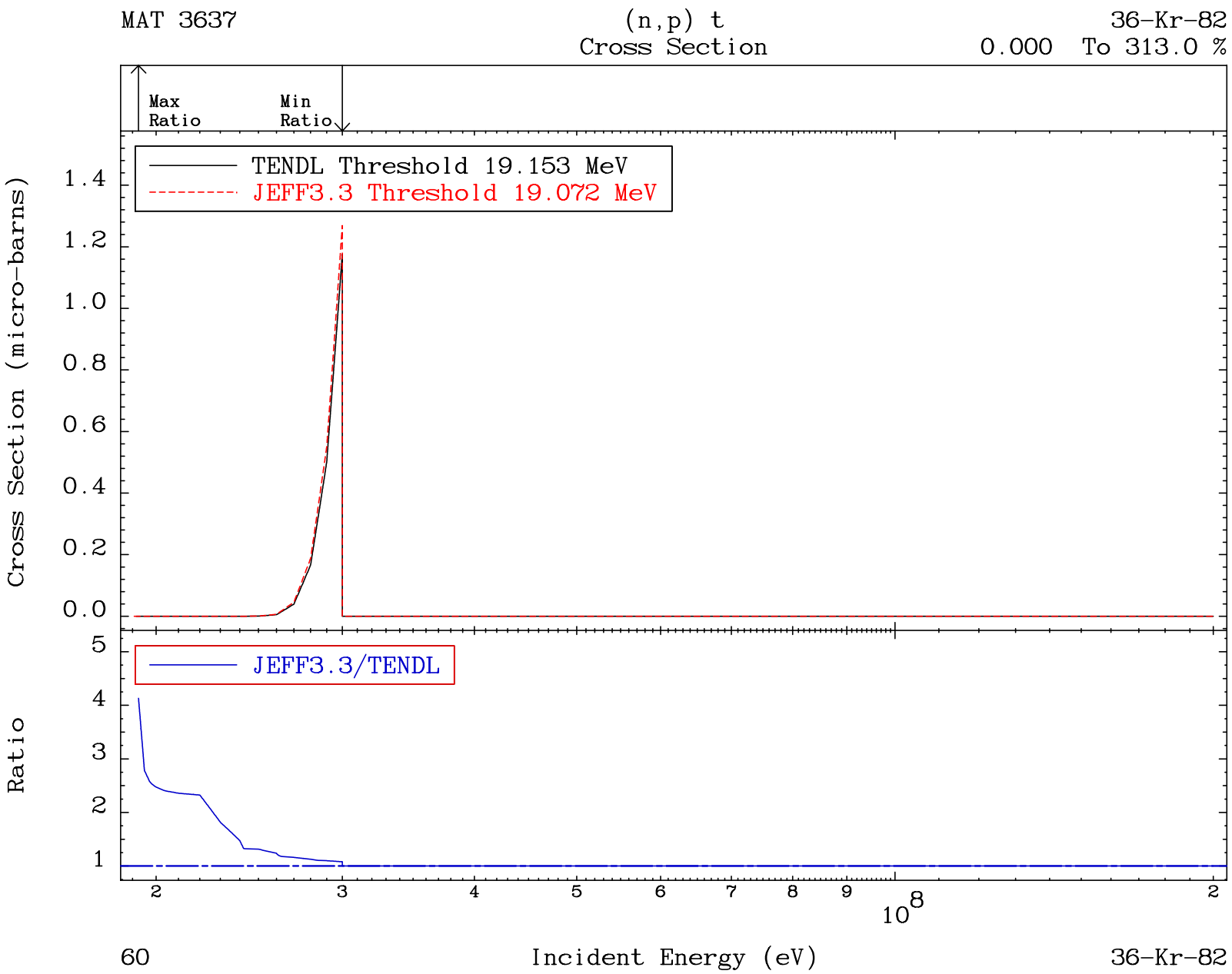

MAT 3637
(n,α)
Cross Section
36-Kr-82
-5.123 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 5.0550 keV
JEFF3.3 Threshold 21.424 keV
Cross Section (milli-barns)
0
5
10
15
JEFF3.3/TENDL
Ratio
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
55
Incident Energy (eV)
36-Kr-82

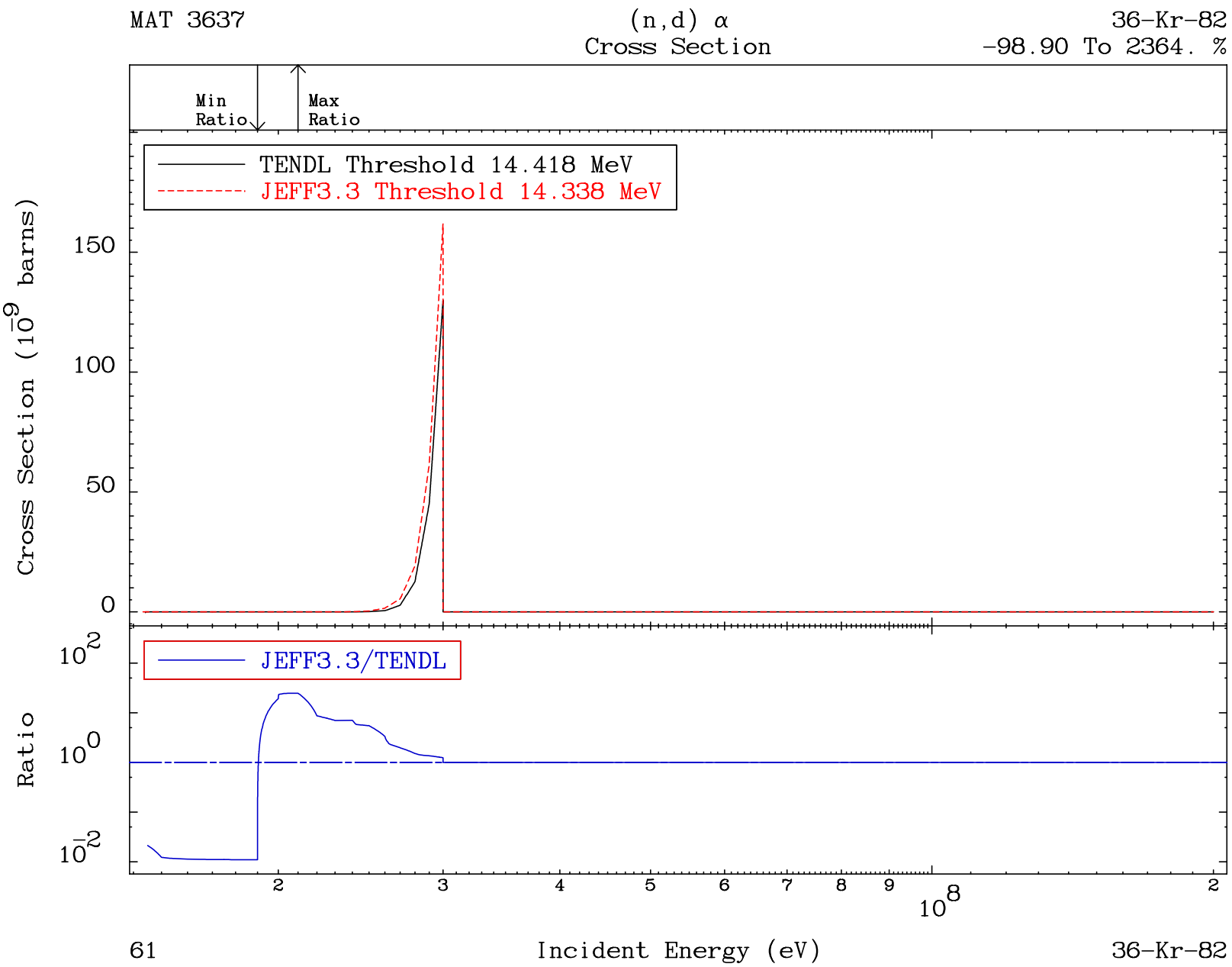

MAT 3637
(n,2α)
Cross Section
36-Kr-82
-74.00 To 4816. %
Min Ratio
Max Ratio
TENDL Threshold 5.6599 MeV
JEFF3.3 Threshold 5.5797 MeV
Cross Section (micro-barns)
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
56
Incident Energy (eV)
36-Kr-82

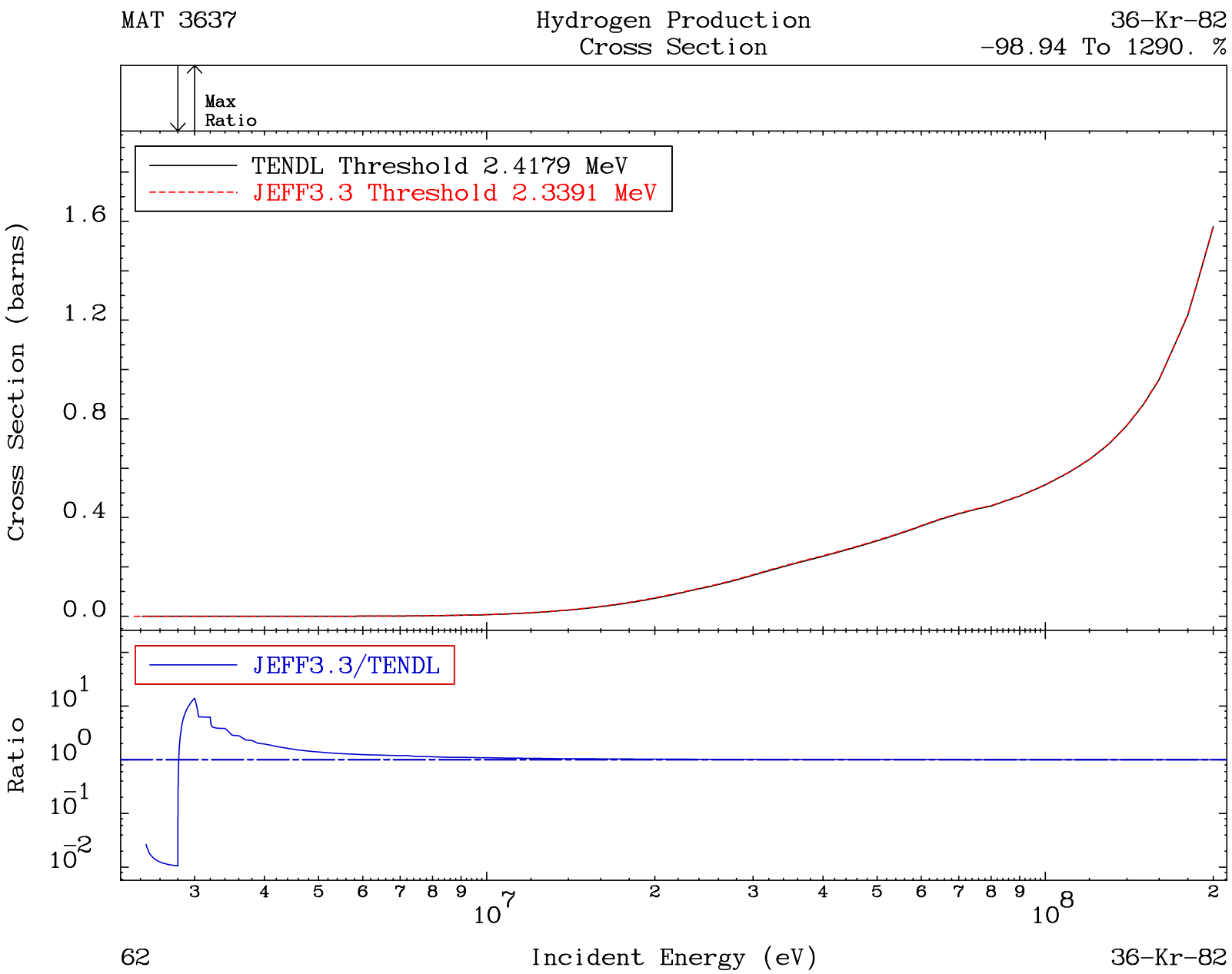

MAT 3637
(n,2p)
Cross Section
36-Kr-82
0.000 To 670.4 %
Max Ratio
Min Ratio
TENDL Threshold 10.920 MeV
JEFF3.3 Threshold 10.840 MeV
Cross Section (micro-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
8
4
2
3
4
5
6
7
8
9
10^8
2
57
Incident Energy (eV)
36-Kr-82

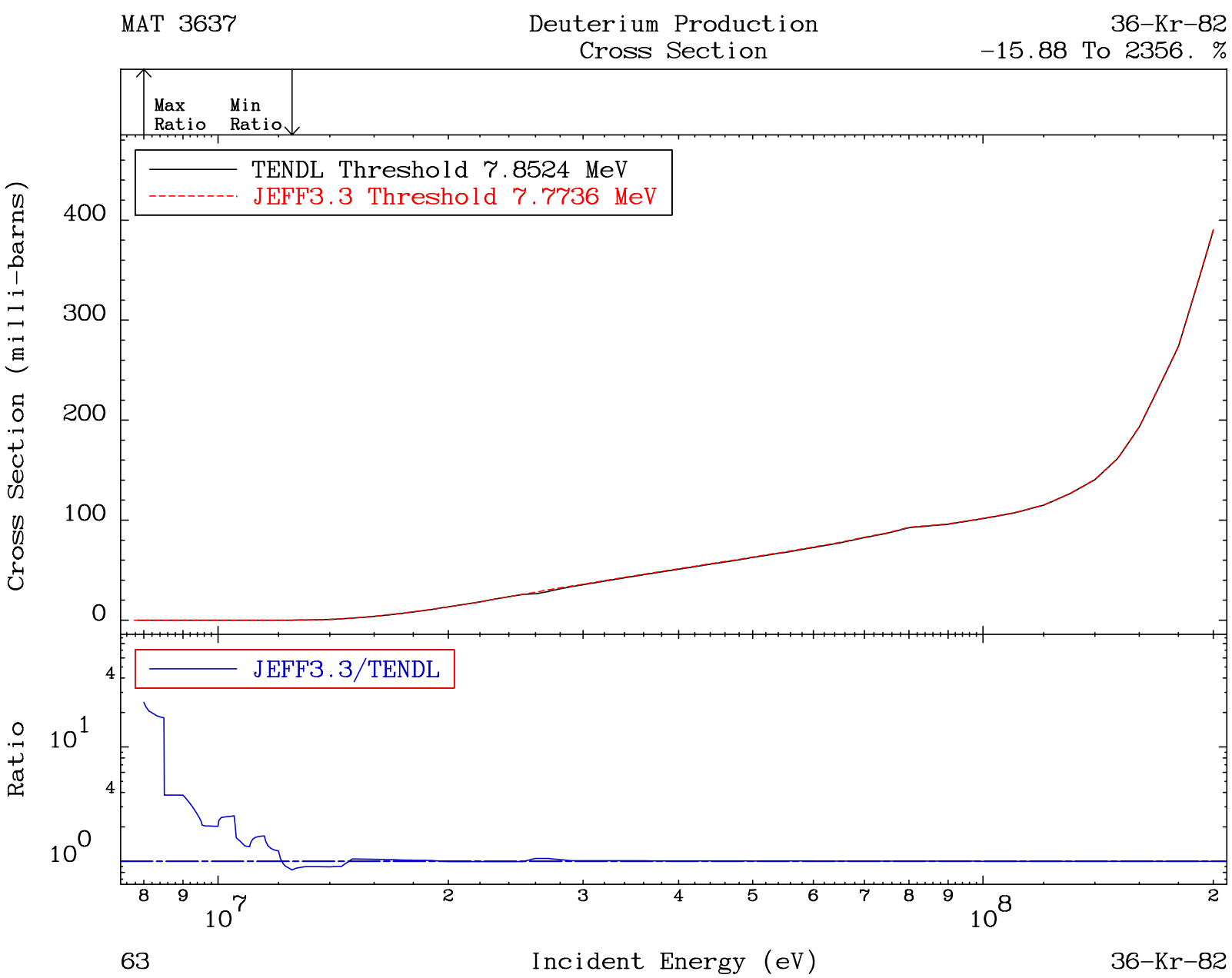

MAT 3637
(n,p) α
Cross Section
36-Kr-82
-53.63 To 1575. %
Min Ratio
Max Ratio
TENDL Threshold 9.6121 MeV
JEFF3.3 Threshold 9.5319 MeV
Cross Section (micro-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
58
36-Kr-82

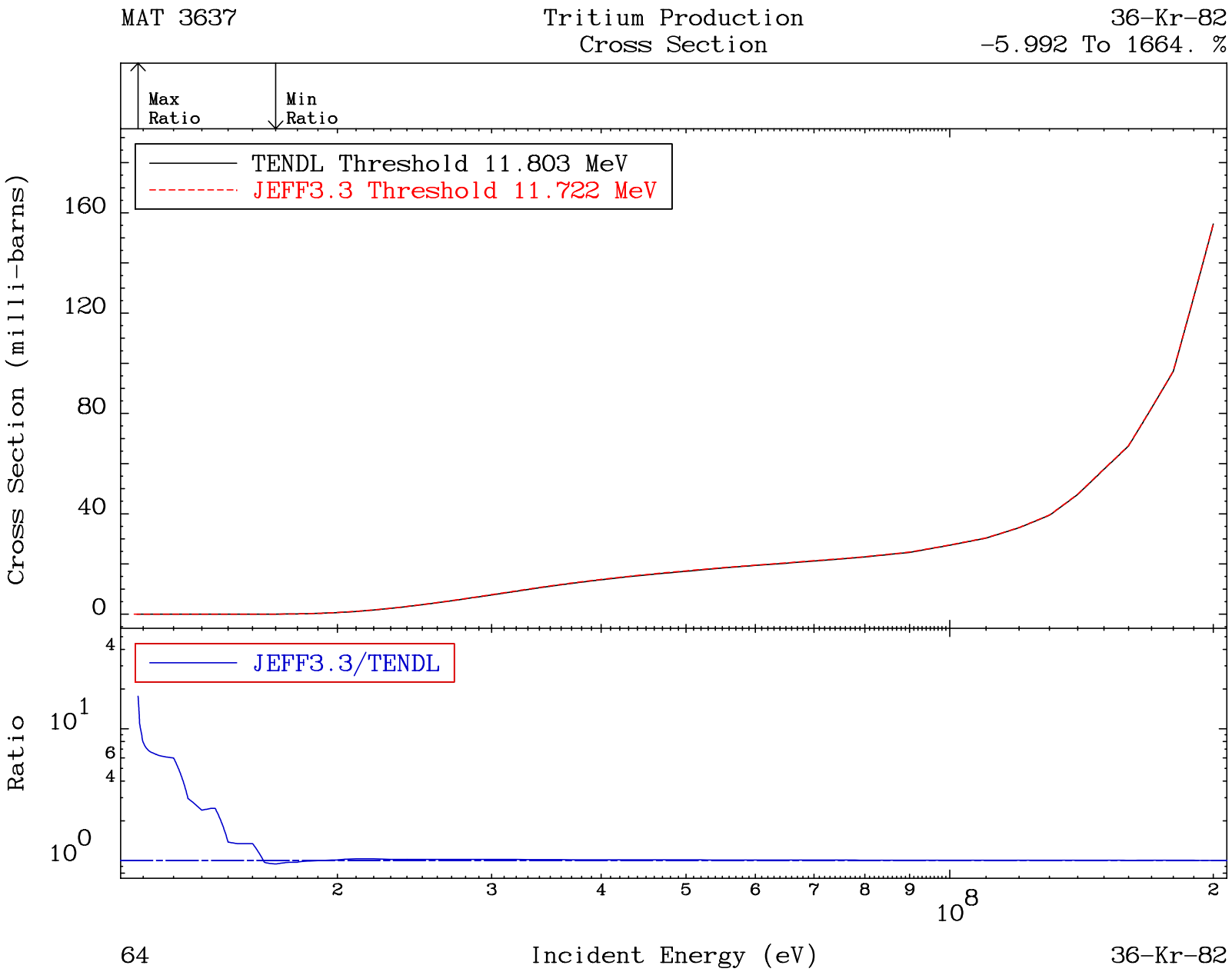

MAT 3637
(n,p) d
Cross Section
36-Kr-82
-4.764 To 558.0 %
Max Ratio
Min Ratio
TENDL Threshold 15.451 MeV
JEFF3.3 Threshold 15.371 MeV
Cross Section (micro-barns)
0
2
4
6
8
JEFF3.3/TENDL
Ratio
2
4
6
8
2
3
4
5
6
7
8
9
10^8
2
59
Incident Energy (eV)
36-Kr-82

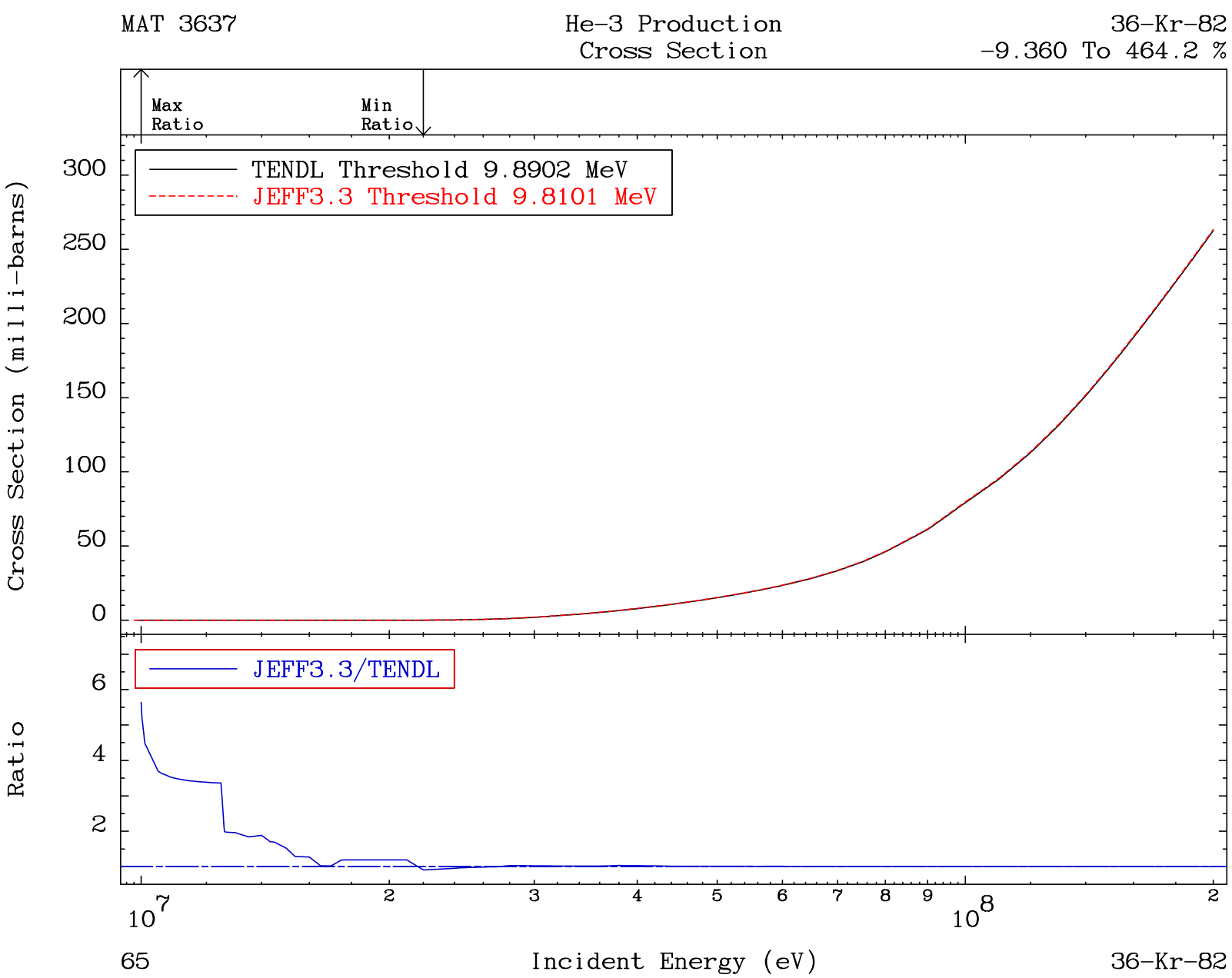

MAT 3637
(n,p) t
Cross Section
36-Kr-82
0.000 To 313.0 %
Max Ratio
Min Ratio
TENDL Threshold 19.153 MeV
JEFF3.3 Threshold 19.072 MeV
Cross Section (micro-barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
5
4
3
2
1
2
3
4
5
6
7
8
9
10^8
2
60
Incident Energy (eV)
36-Kr-82

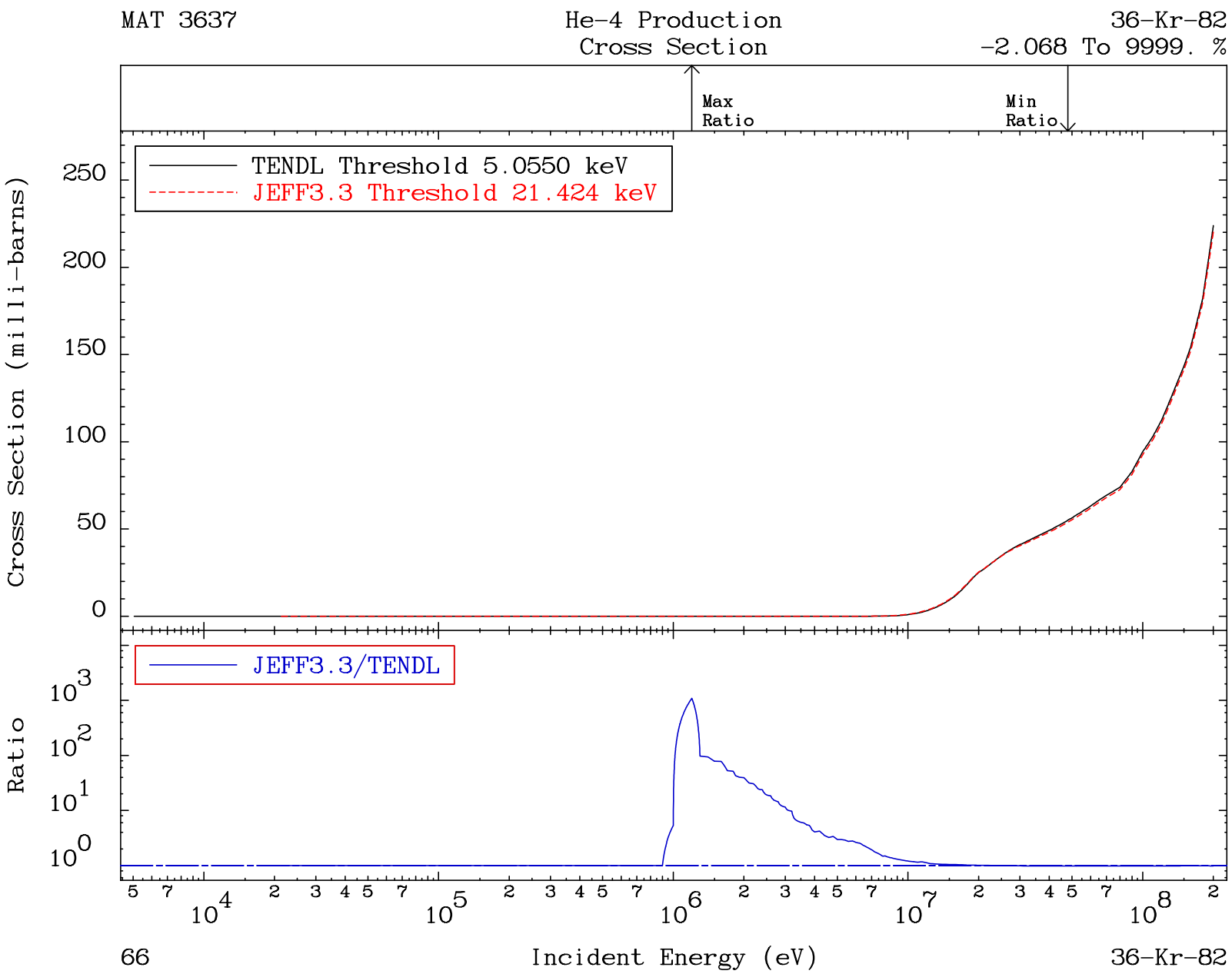

MAT 3637
(n,d) α
Cross Section
36-Kr-82
-98.90 To 2364. %
Min Ratio
Max Ratio
TENDL Threshold 14.418 MeV
JEFF3.3 Threshold 14.338 MeV
Cross Section (10^-9 barns)
150
100
50
0
JEFF3.3/TENDL
Ratio
10^2
10^0
10^-2
2
3
4
5
6
7
8
9
10^8
2
61
Incident Energy (eV)
36-Kr-82

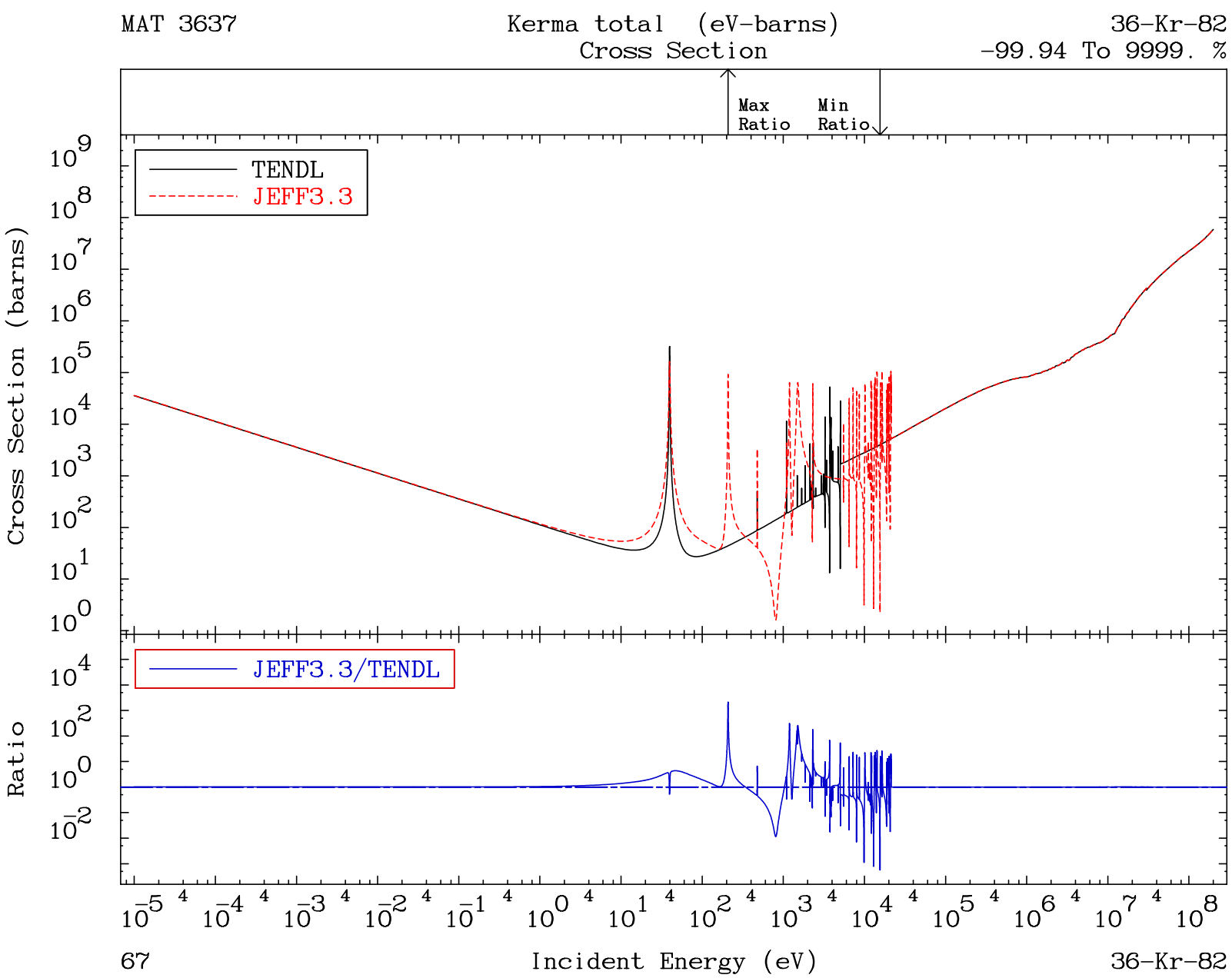

MAT 3637
Hydrogen Production
Cross Section
36-Kr-82
-98.94 To 1290. %
Max
Ratio
TENDL Threshold 2.4179 MeV
JEFF3.3 Threshold 2.3391 MeV
Cross Section (barns)
1.6
1.2
0.8
0.4
0.0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
10^-2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
62
Incident Energy (eV)
36-Kr-82

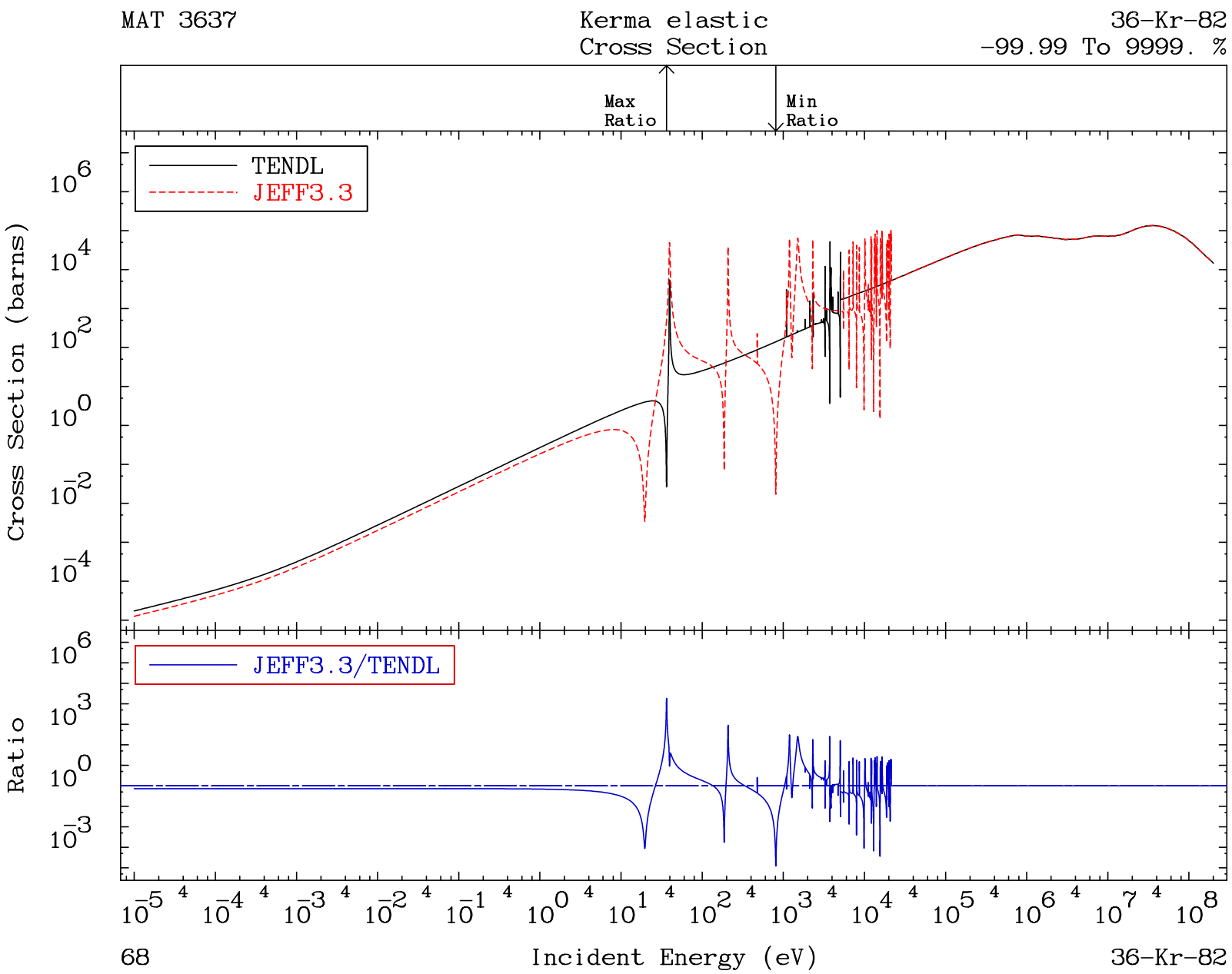

MAT 3637
Deuterium Production
Cross Section
36-Kr-82
-15.88 To 2356. %
Max Ratio
Min Ratio
TENDL Threshold 7.8524 MeV
JEFF3.3 Threshold 7.7736 MeV
Cross Section (milli-barns)
400
300
200
100
0
JEFF3.3/TENDL
Ratio
10^1
4
10^0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
63
Incident Energy (eV)
36-Kr-82

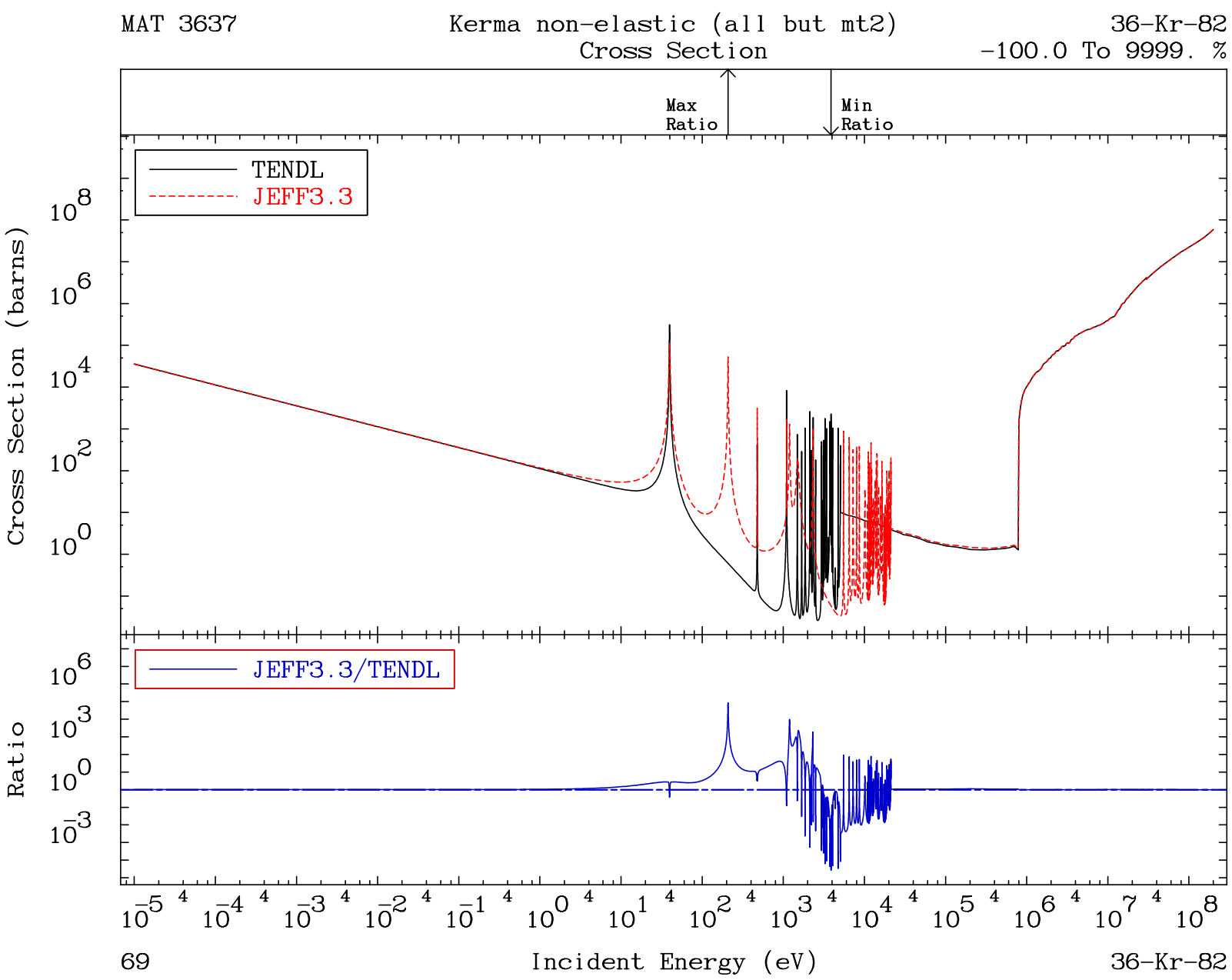

MAT 3637
Tritium Production
Cross Section
36-Kr-82
-5.992 To 1664. %
Max Ratio
Min Ratio
TENDL Threshold 11.803 MeV
JEFF3.3 Threshold 11.722 MeV
Cross Section (milli-barns)
160
120
80
40
0
JEFF3.3/TENDL
Ratio
4
10^1
6
4
10^0
2
3
4
5
6
7
8
9
10^8
2
64
Incident Energy (eV)
36-Kr-82

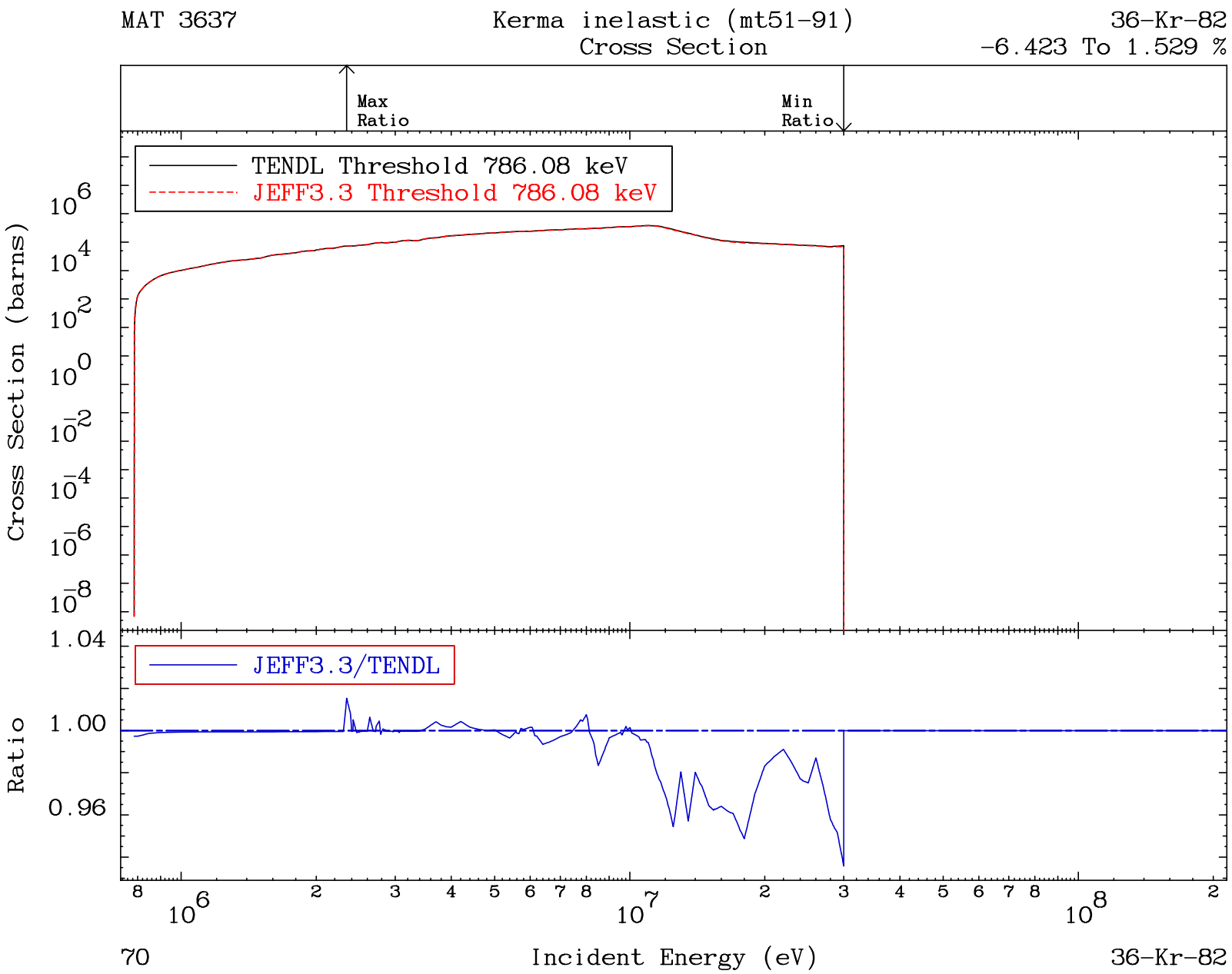

MAT 3637
He-3 Production
Cross Section
36-Kr-82
-9.360 To 464.2 %
Max Ratio
Min Ratio
TENDL Threshold 9.8902 MeV
JEFF3.3 Threshold 9.8101 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
6
4
2
10^7
2
3
4
5
6
7
8
9
10^8
2
65
Incident Energy (eV)
36-Kr-82

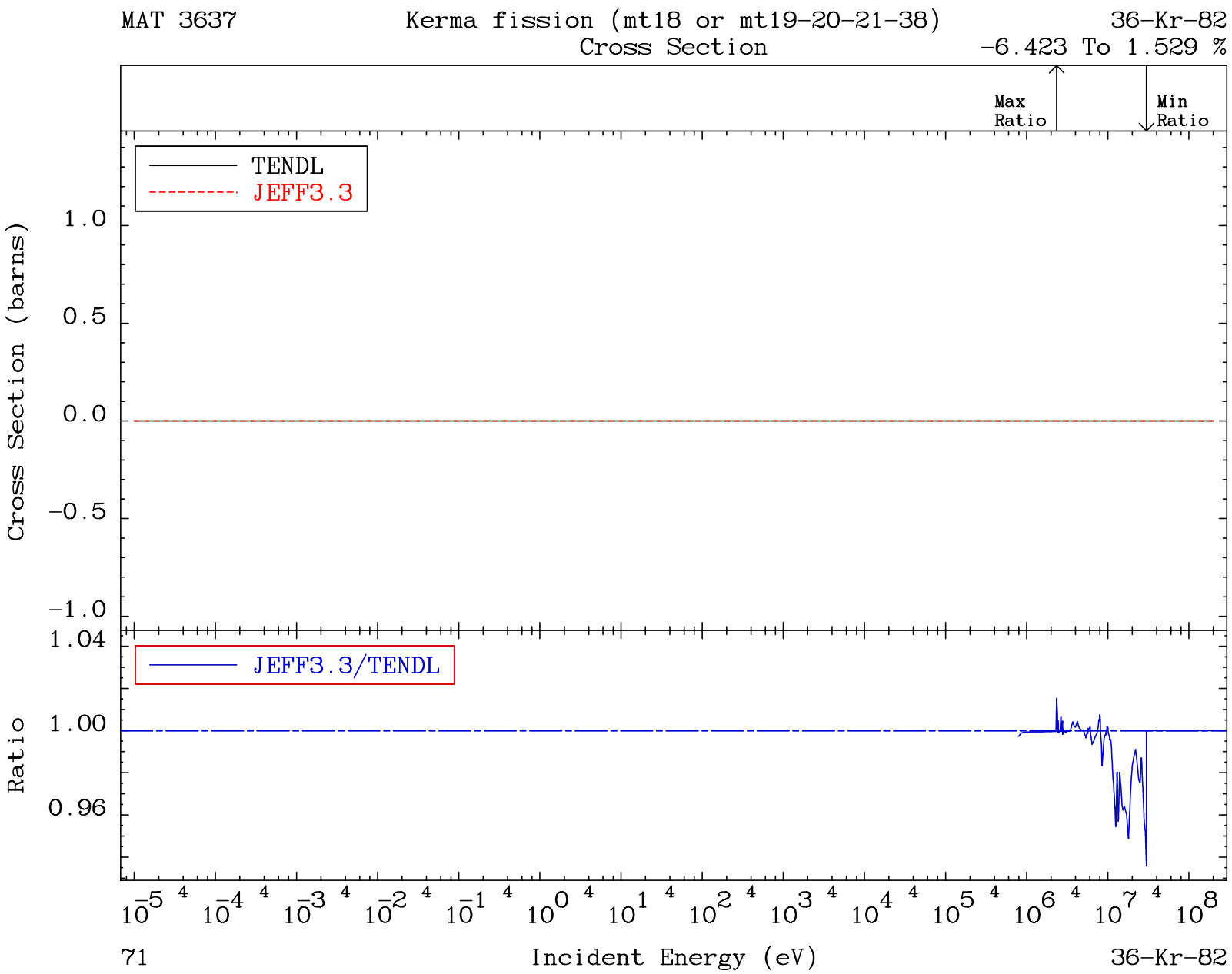

MAT 3637
He-4 Production
Cross Section
36-Kr-82
-2.068 To 9999. %
Max
Ratio
Min
Ratio
TENDL Threshold 5.0550 keV
JEFF3.3 Threshold 21.424 keV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^3
10^2
10^1
10^0
5 7 10^4 2 3 4 5 7 10^5 2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
66
Incident Energy (eV)
36-Kr-82

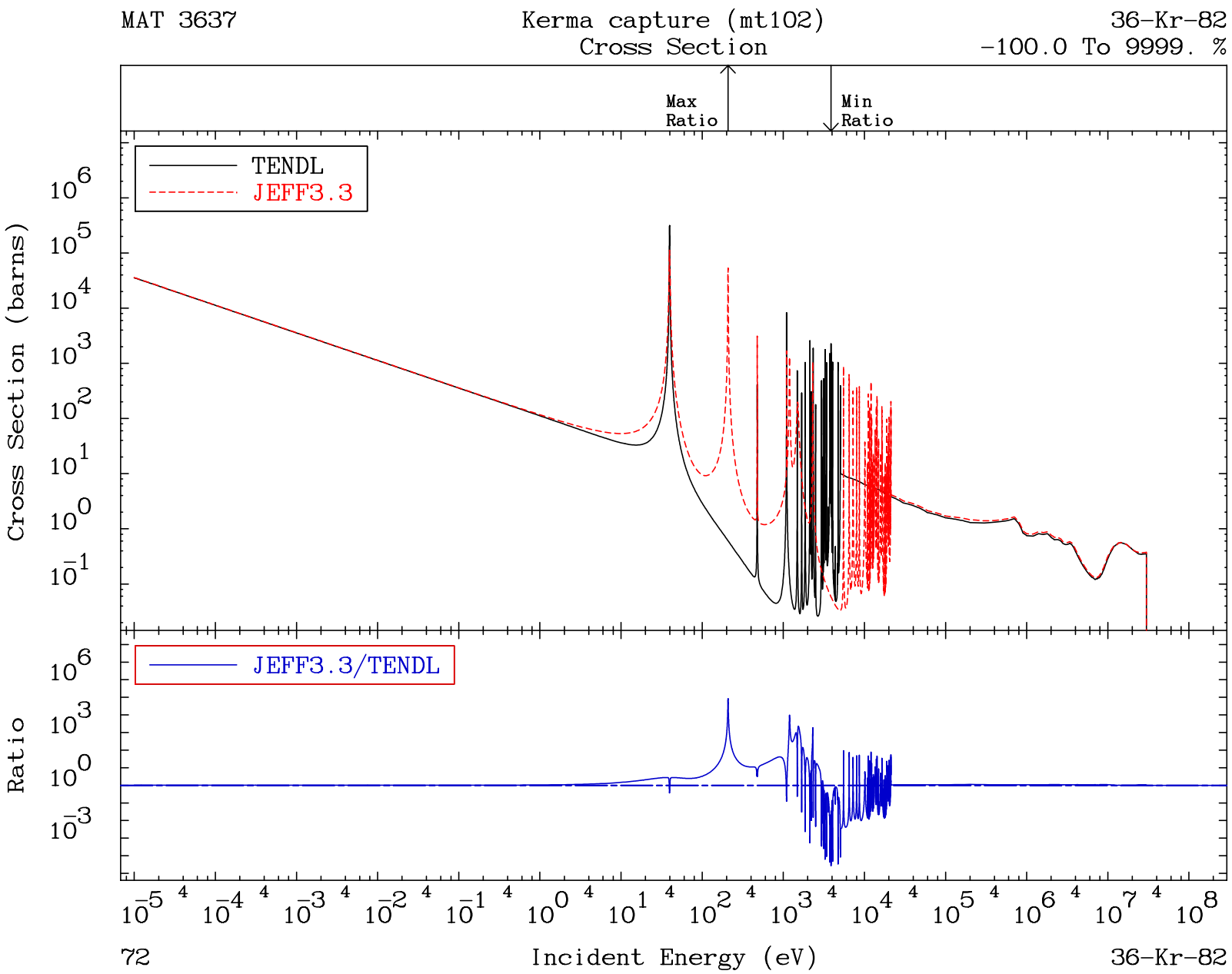

MAT 3637
Kerma total (eV-barns)
Cross Section
36-Kr-82
-99.94 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
67
36-Kr-82

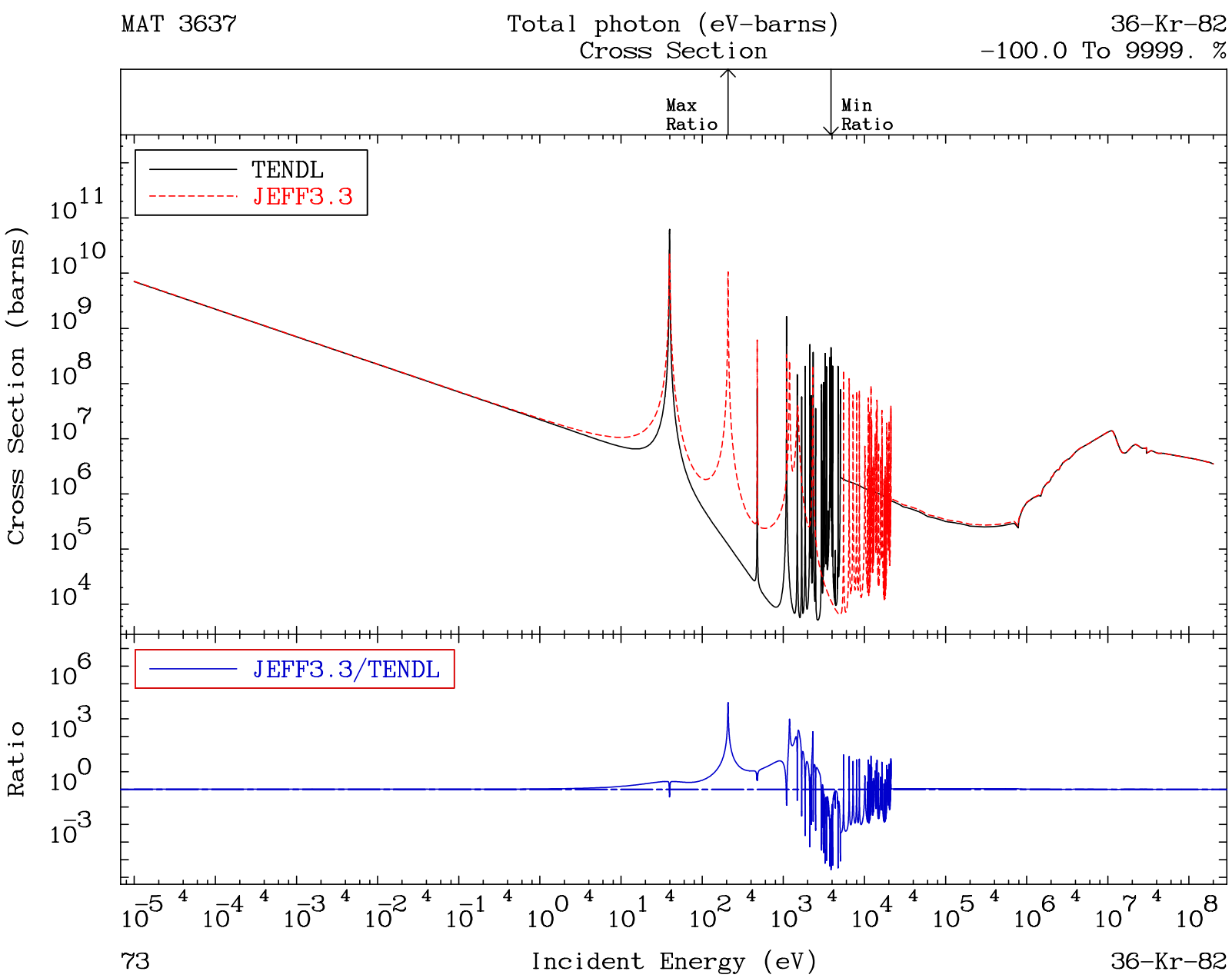

MAT 3637
Kerma elastic
Cross Section
36-Kr-82
-99.99 To 9999. %
Max
Ratio
Min
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
68
36-Kr-82

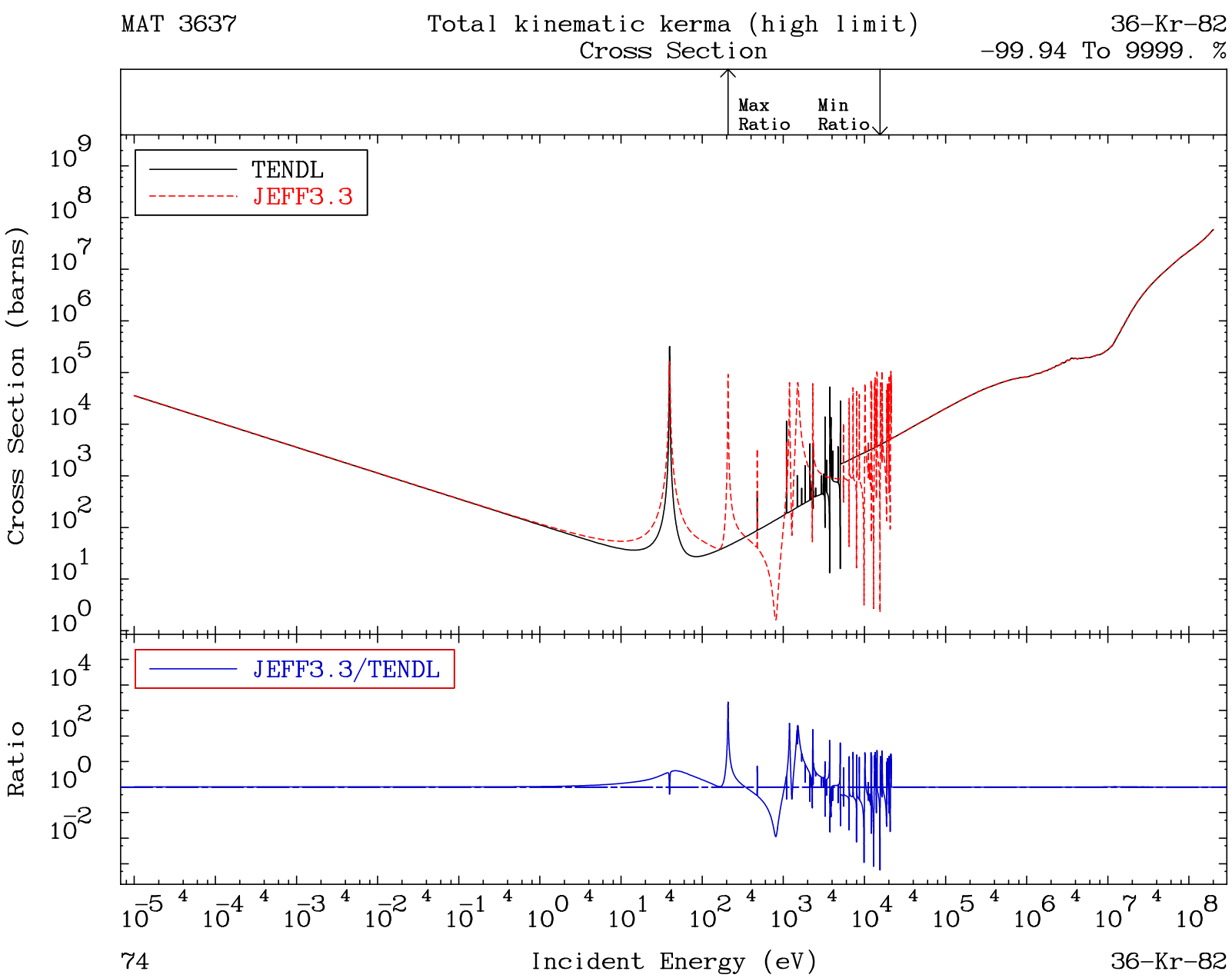

MAT 3637
Kerma non-elastic (all but mt2)
Cross Section
36-Kr-82
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
69
36-Kr-82

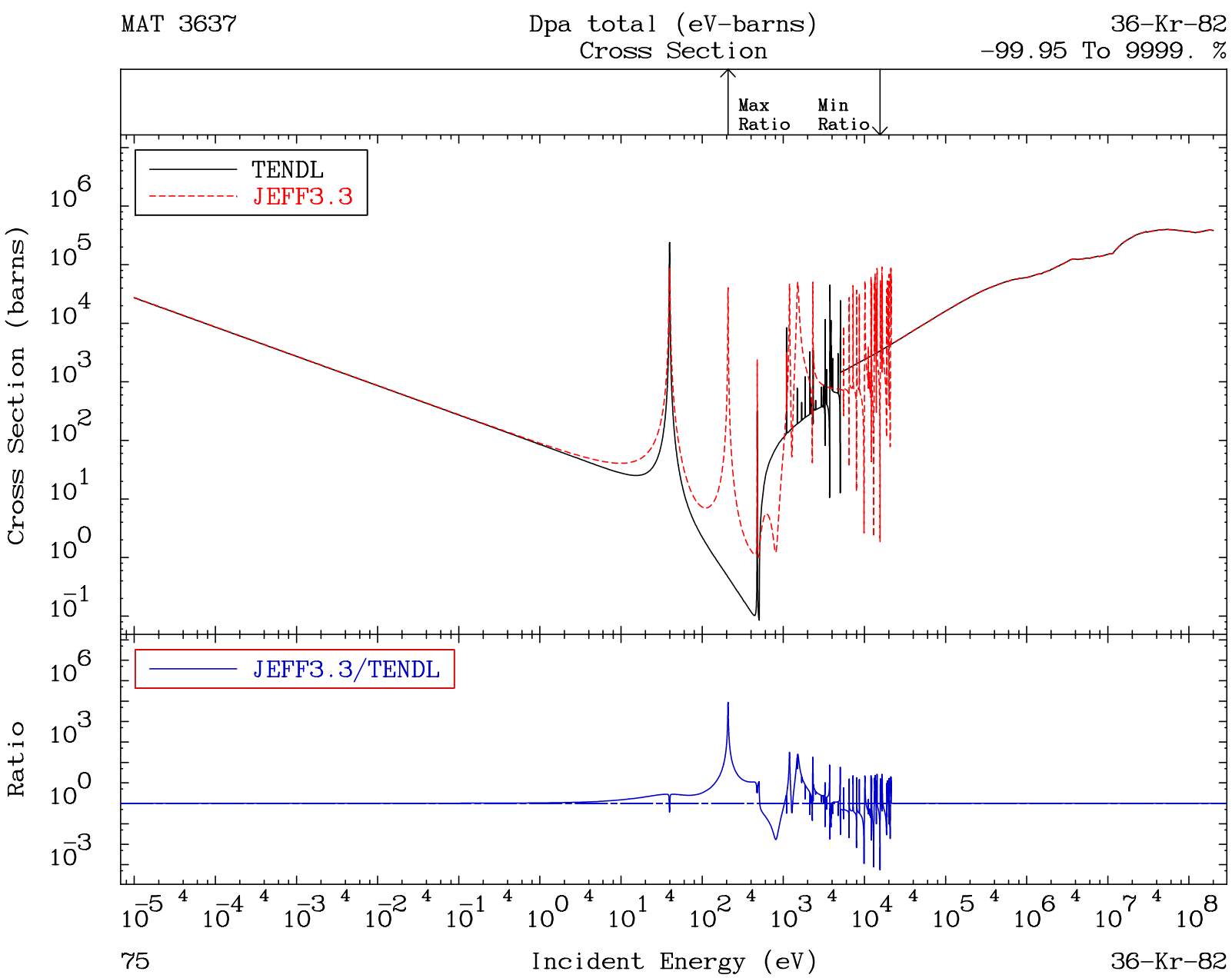

MAT 3637
Kerma inelastic (mt51-91)
Cross Section
36-Kr-82
-6.423 To 1.529 %
Max Ratio
Min Ratio
TENDL Threshold 786.08 keV
JEFF3.3 Threshold 786.08 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
70
36-Kr-82

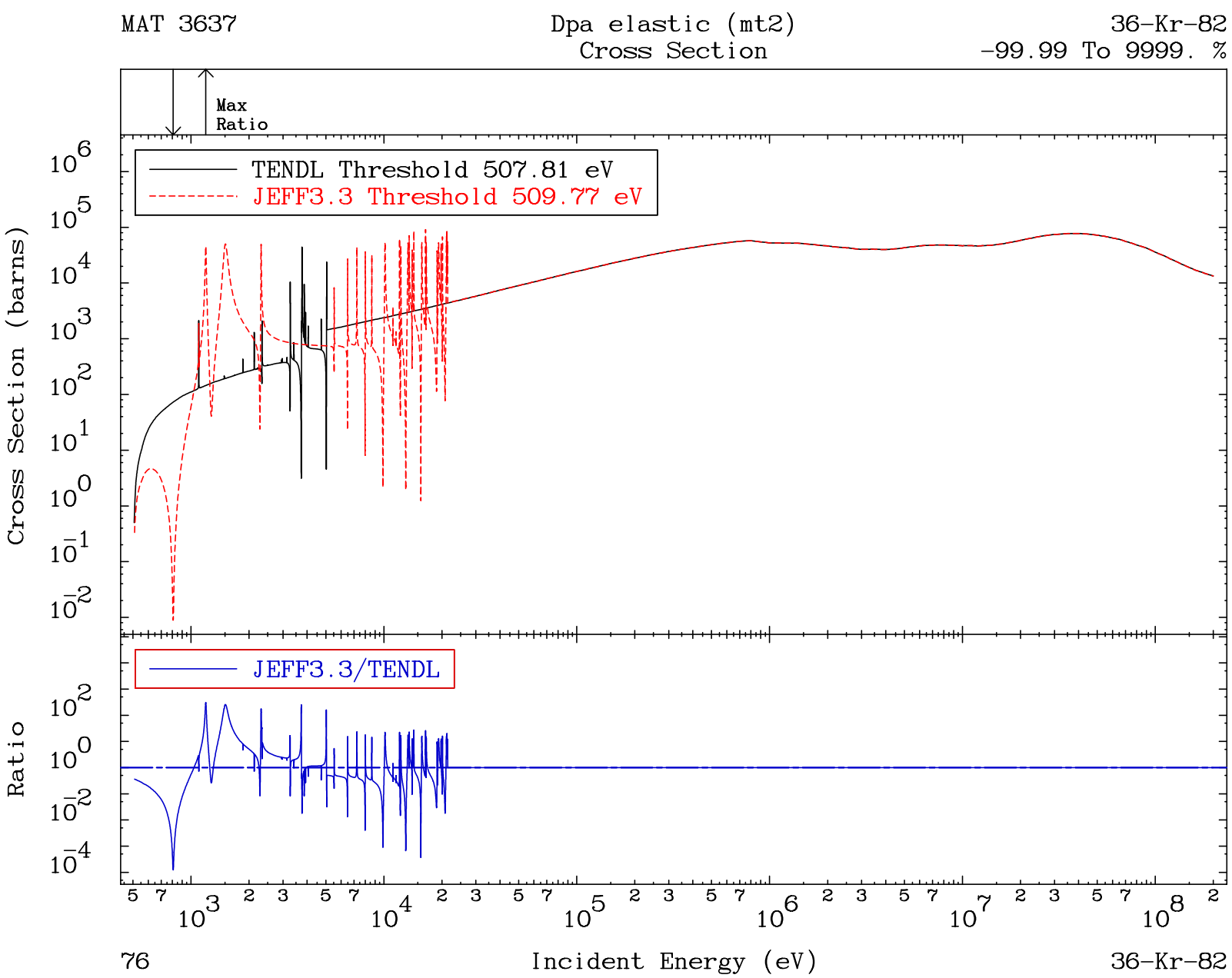

MAT 3637
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
36-Kr-82
-6.423 To 1.529 %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JEFF3.3/TENDL
Ratio
1.04
1.00
0.96
10-5 4 10-4 4 10-3 4 10-2 4 10-1 4 100 4 101 4 102 4 103 4 104 4 105 4 106 4 107 4 108
71
Incident Energy (eV)
36-Kr-82

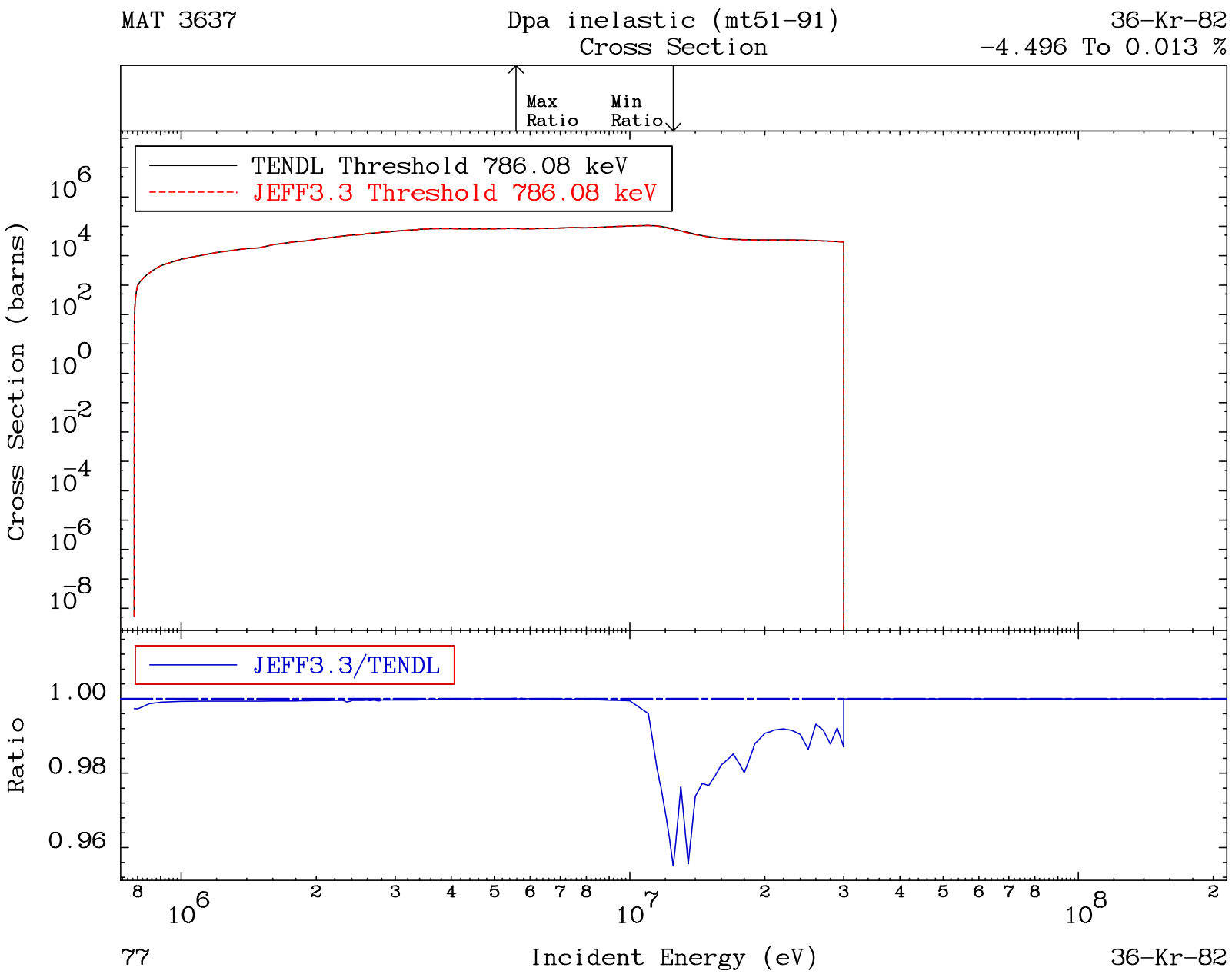

MAT 3637
Kerma capture (mt102)
Cross Section
36-Kr-82
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
72
36-Kr-82

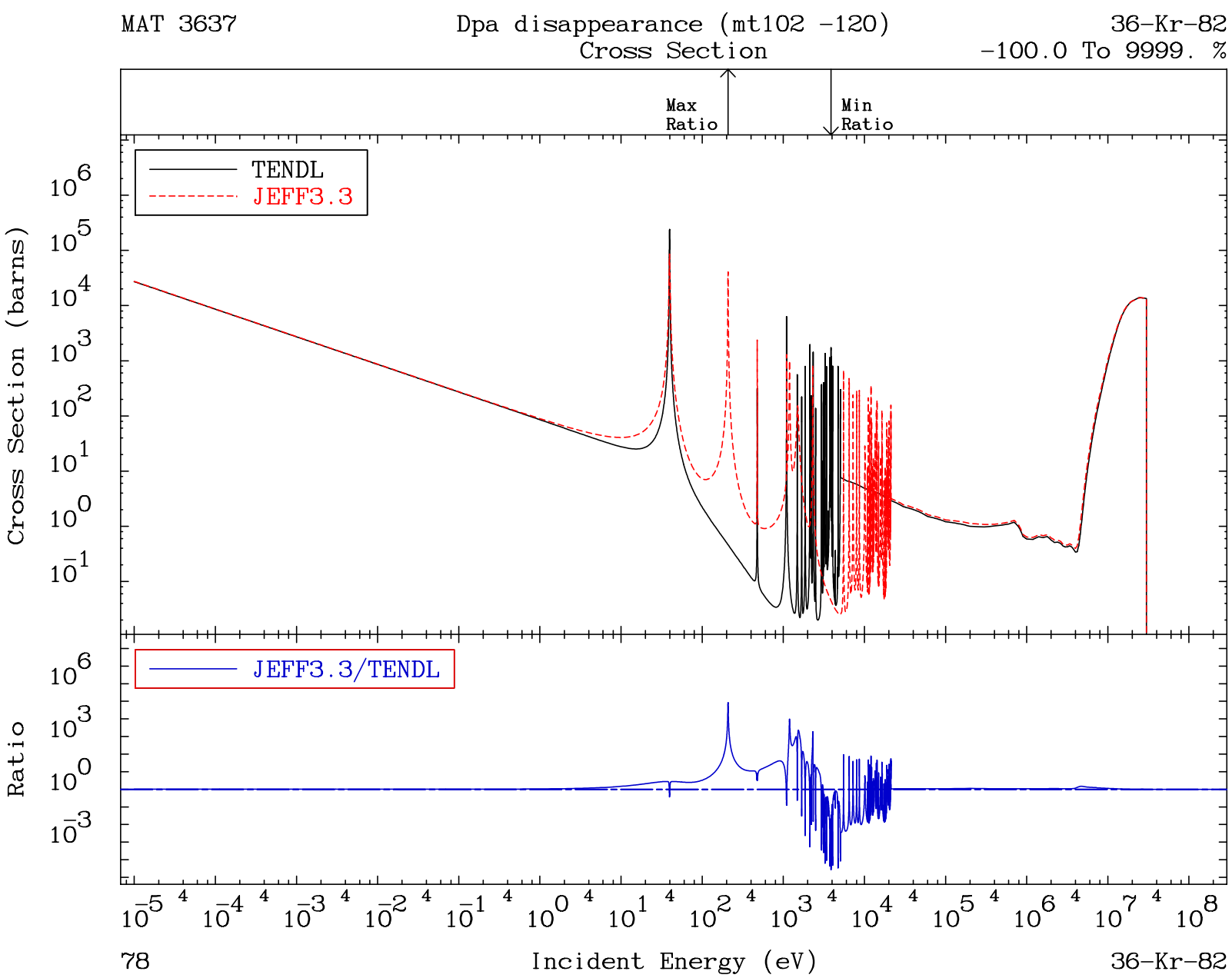

MAT 3637
Total photon (eV-barns)
Cross Section
36-Kr-82
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
73
Incident Energy (eV)
36-Kr-82

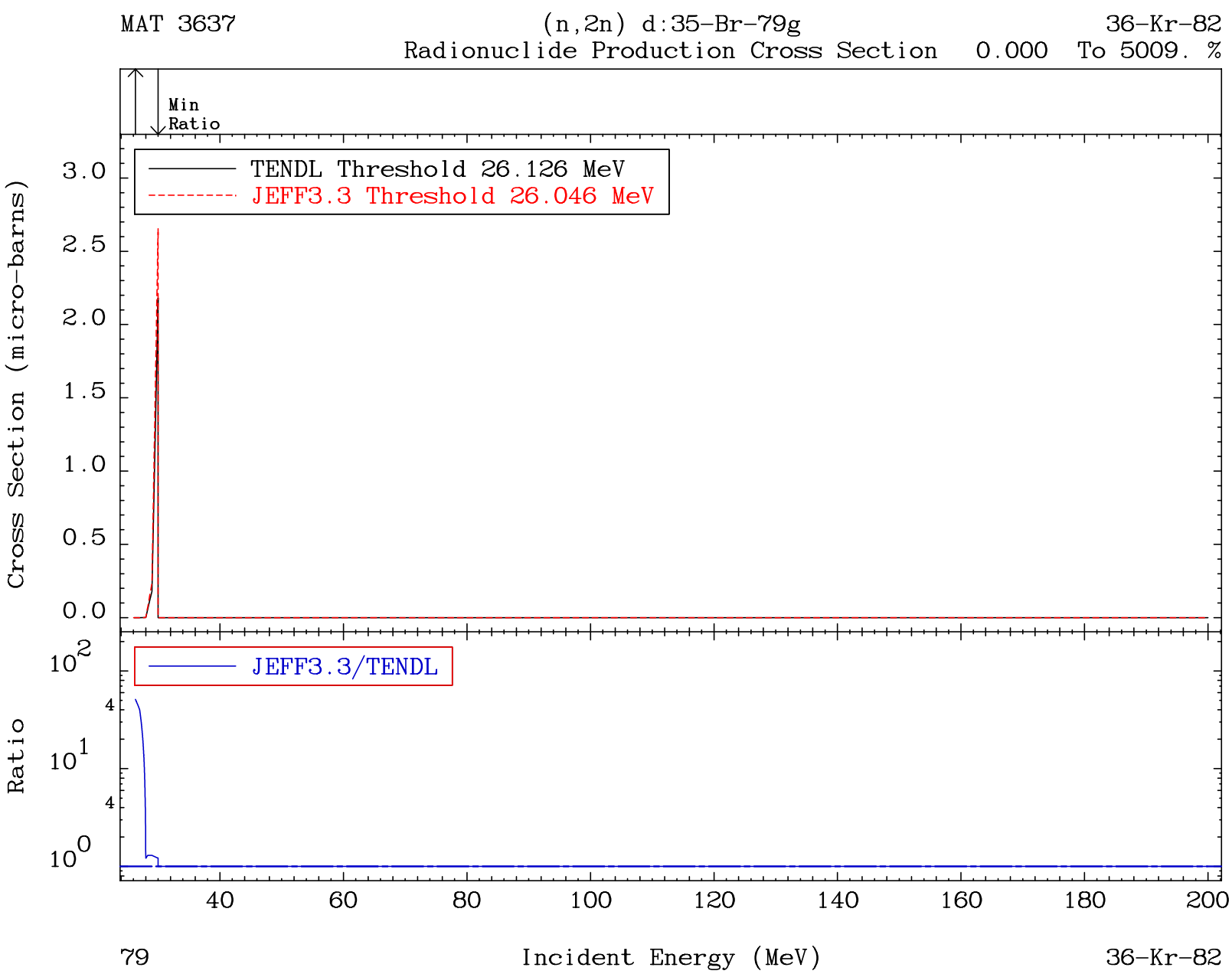

MAT 3637
Total kinematic kerma (high limit)
Cross Section
36-Kr-82
-99.94 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
74
36-Kr-82

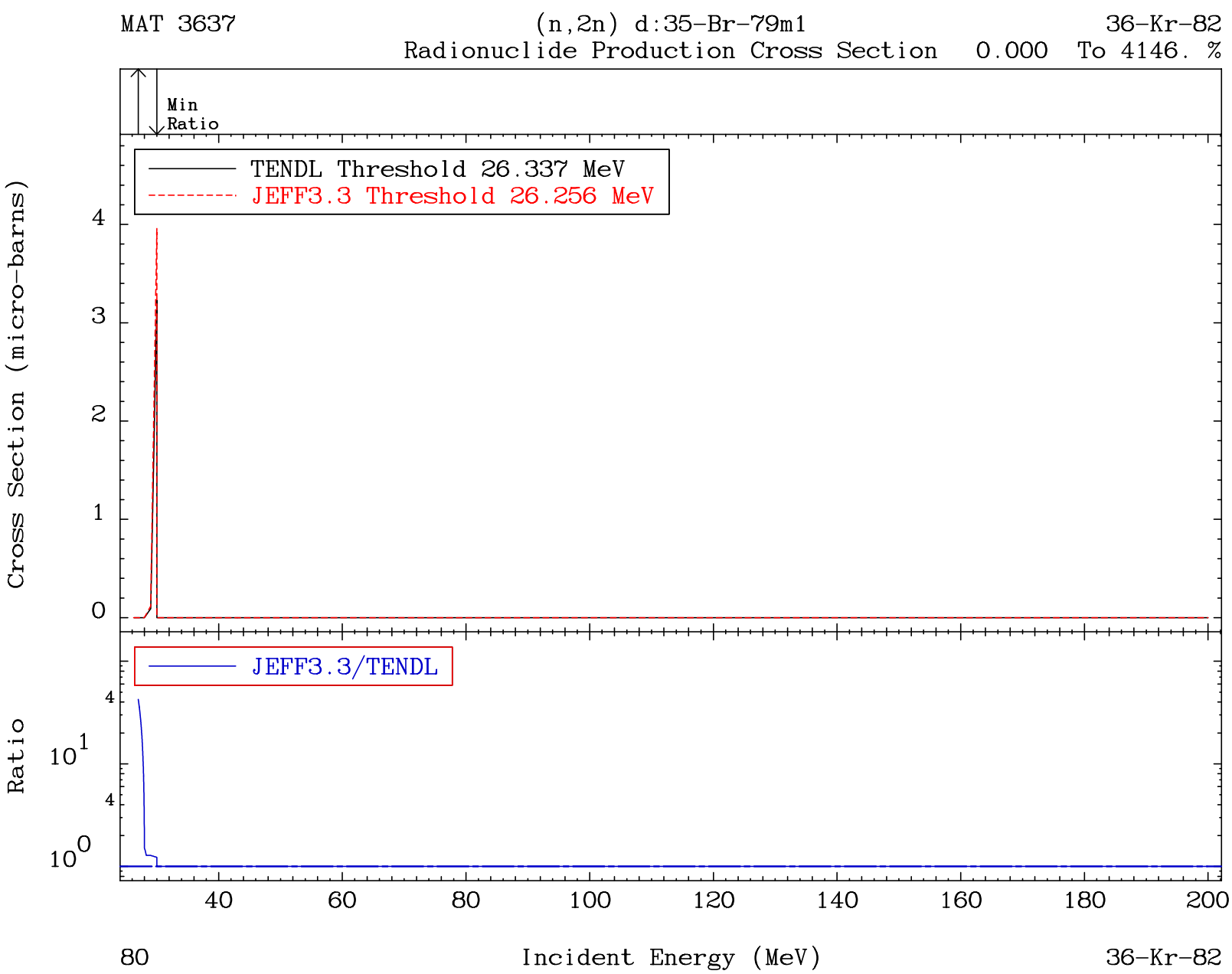

MAT 3637
Dpa total (eV-barns)
Cross Section
36-Kr-82
-99.95 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
75
36-Kr-82

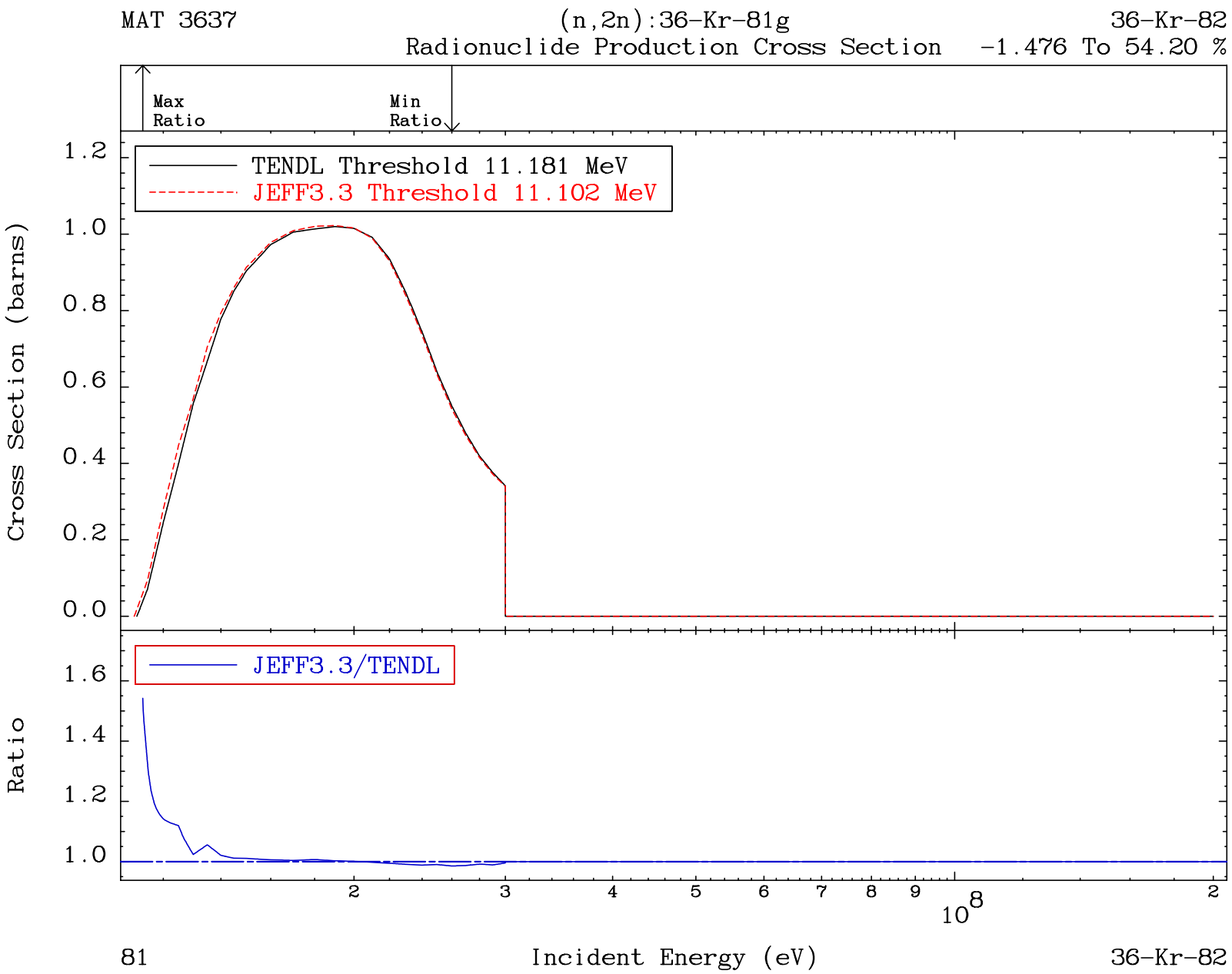

MAT 3637
Dpa elastic (mt2)
Cross Section
36-Kr-82
-99.99 To 9999. %
Max
Ratio
TENDL Threshold 507.81 eV
JEFF3.3 Threshold 509.77 eV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
76
36-Kr-82

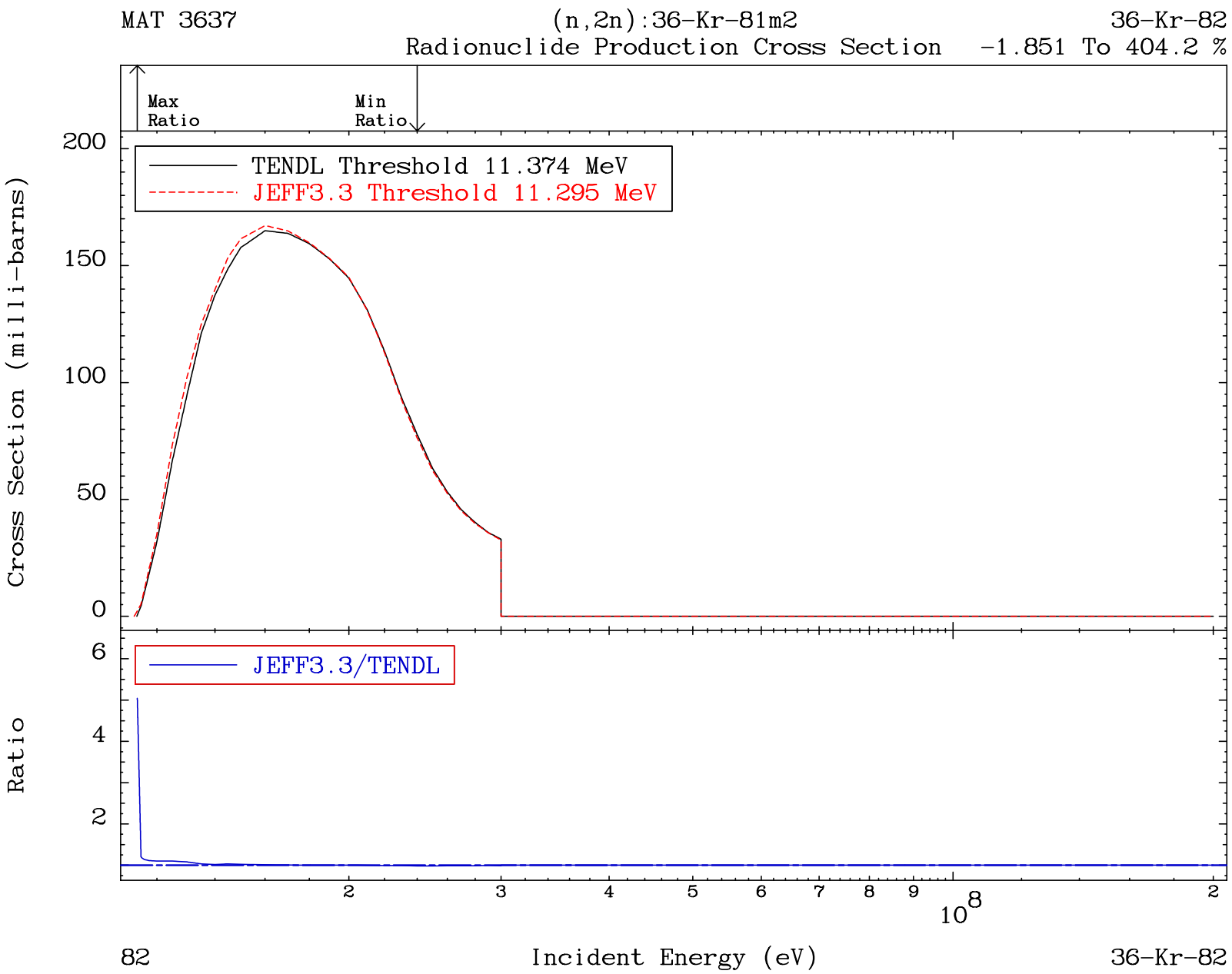

MAT 3637
Dpa inelastic (mt51-91)
Cross Section
36-Kr-82
-4.496 To 0.013 %
Max Ratio
Min Ratio
TENDL Threshold 786.08 keV
JEFF3.3 Threshold 786.08 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
77
36-Kr-82

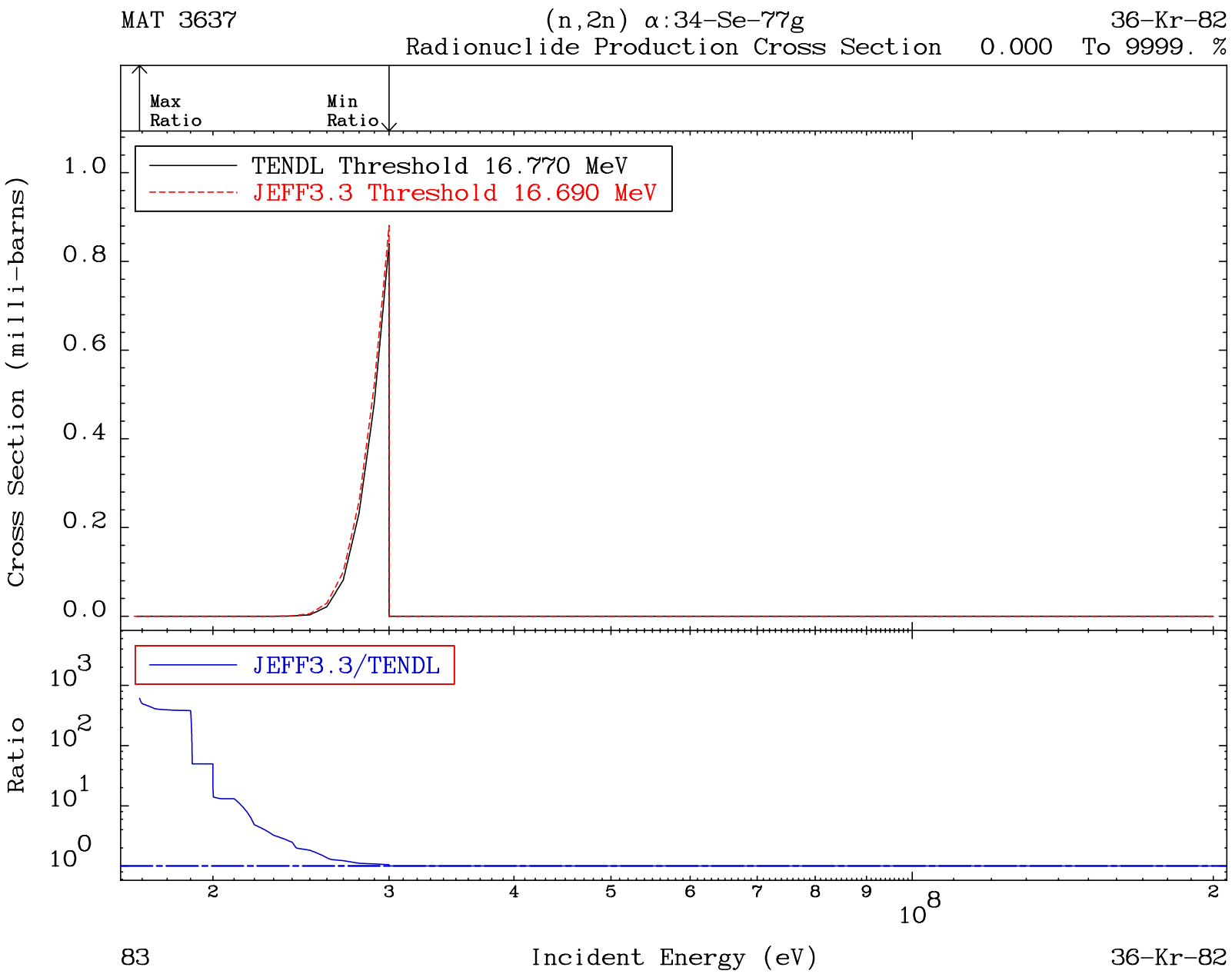

MAT 3637
Dpa disappearance (mt102 -120)
Cross Section
36-Kr-82
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
78
36-Kr-82

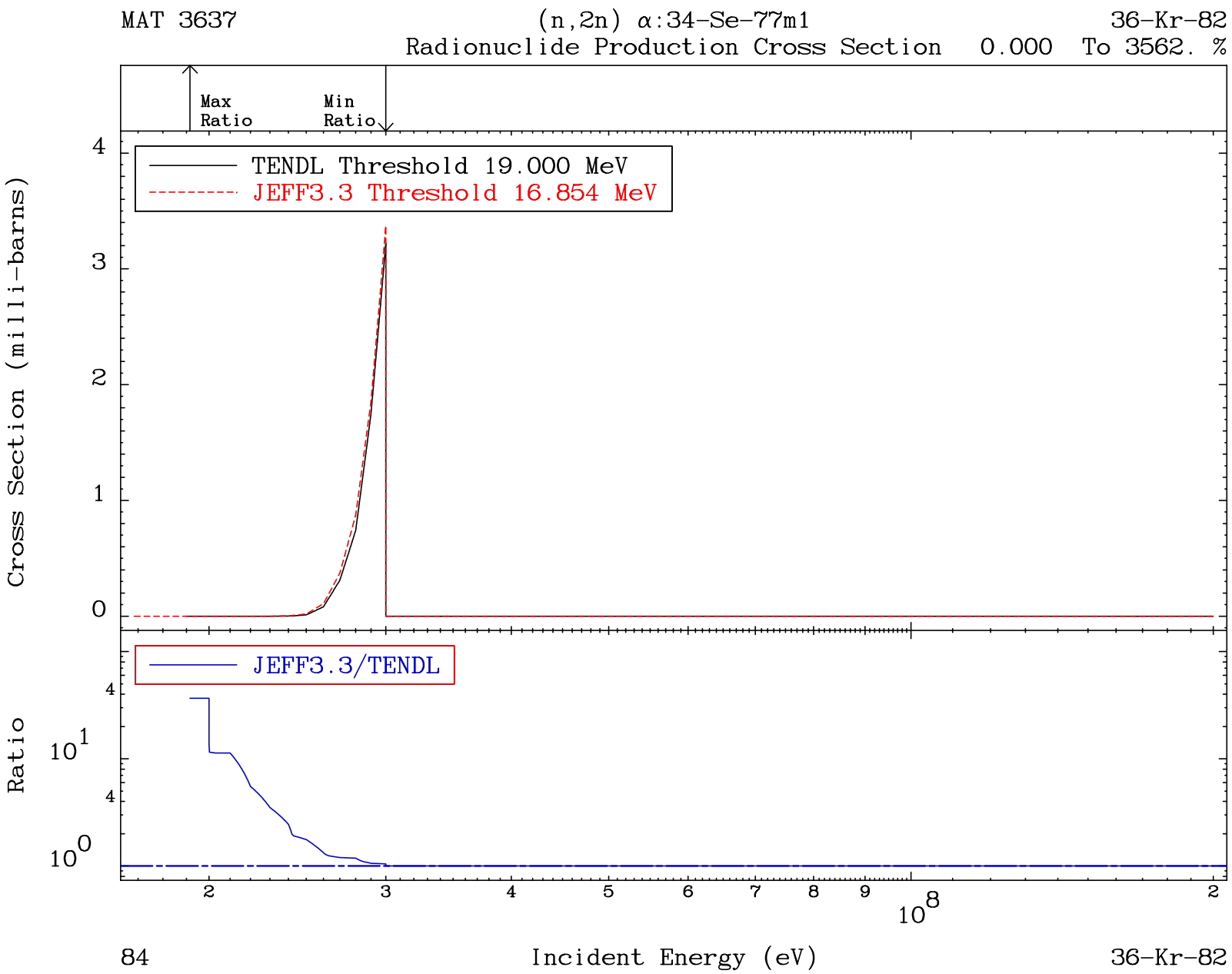

MAT 3637
(n,2n) d:35-Br-79g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 5009. %
Min Ratio
TENDL Threshold 26.126 MeV
JEFF3.3 Threshold 26.046 MeV
Cross Section (micro-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^2
4
10^1
4
10^0
40
60
80
100
120
140
160
180
200
79
Incident Energy (MeV)
36-Kr-82

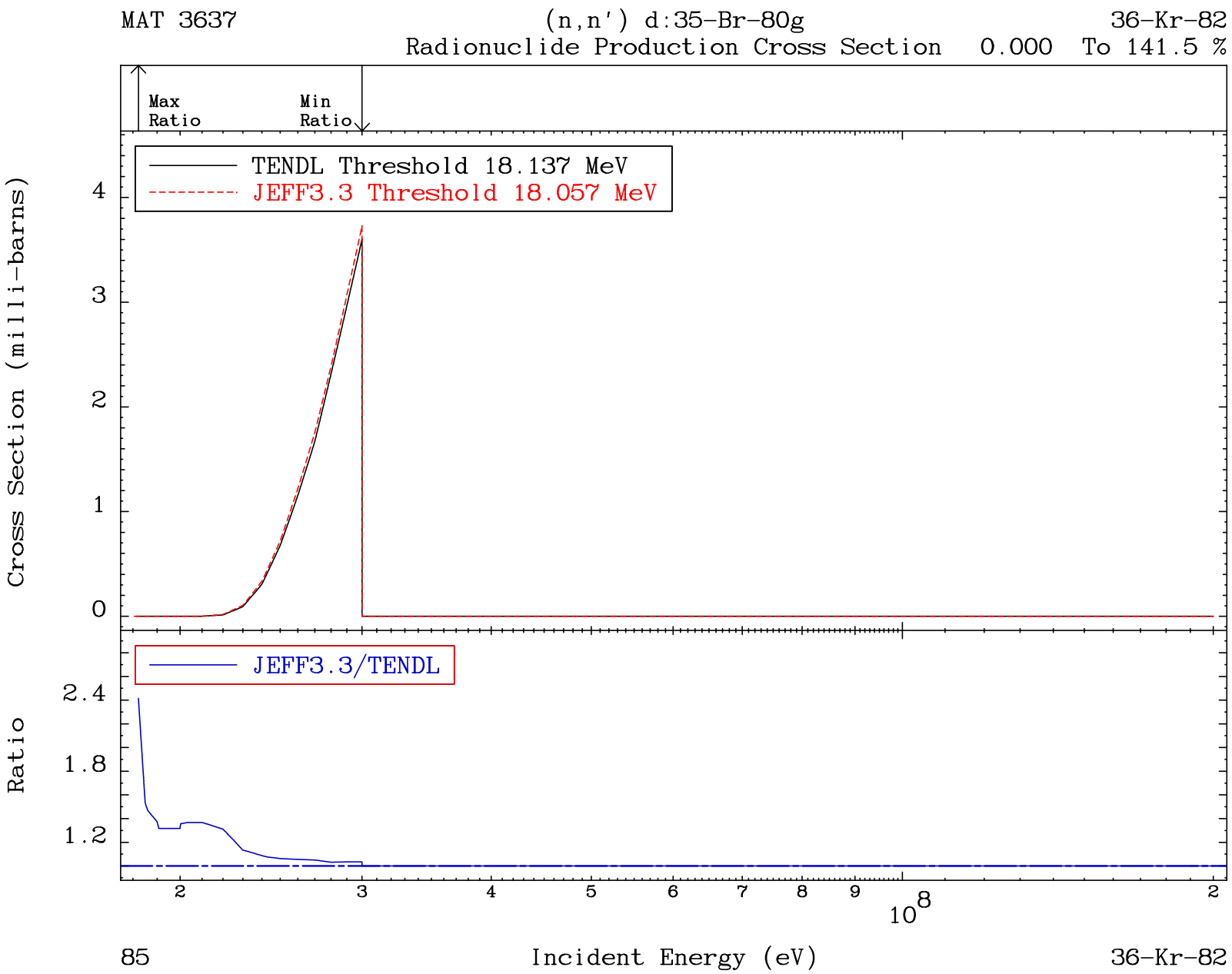

MAT 3637
(n,2n) d:35-Br-79m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 4146. %
Min
Ratio
TENDL Threshold 26.337 MeV
JEFF3.3 Threshold 26.256 MeV
Cross Section (micro-barns)
0
1
2
3
4
JEFF3.3/TENDL
Ratio
10^0
4
10^1
4
40
60
80
100
120
140
160
180
200
80
Incident Energy (MeV)
36-Kr-82

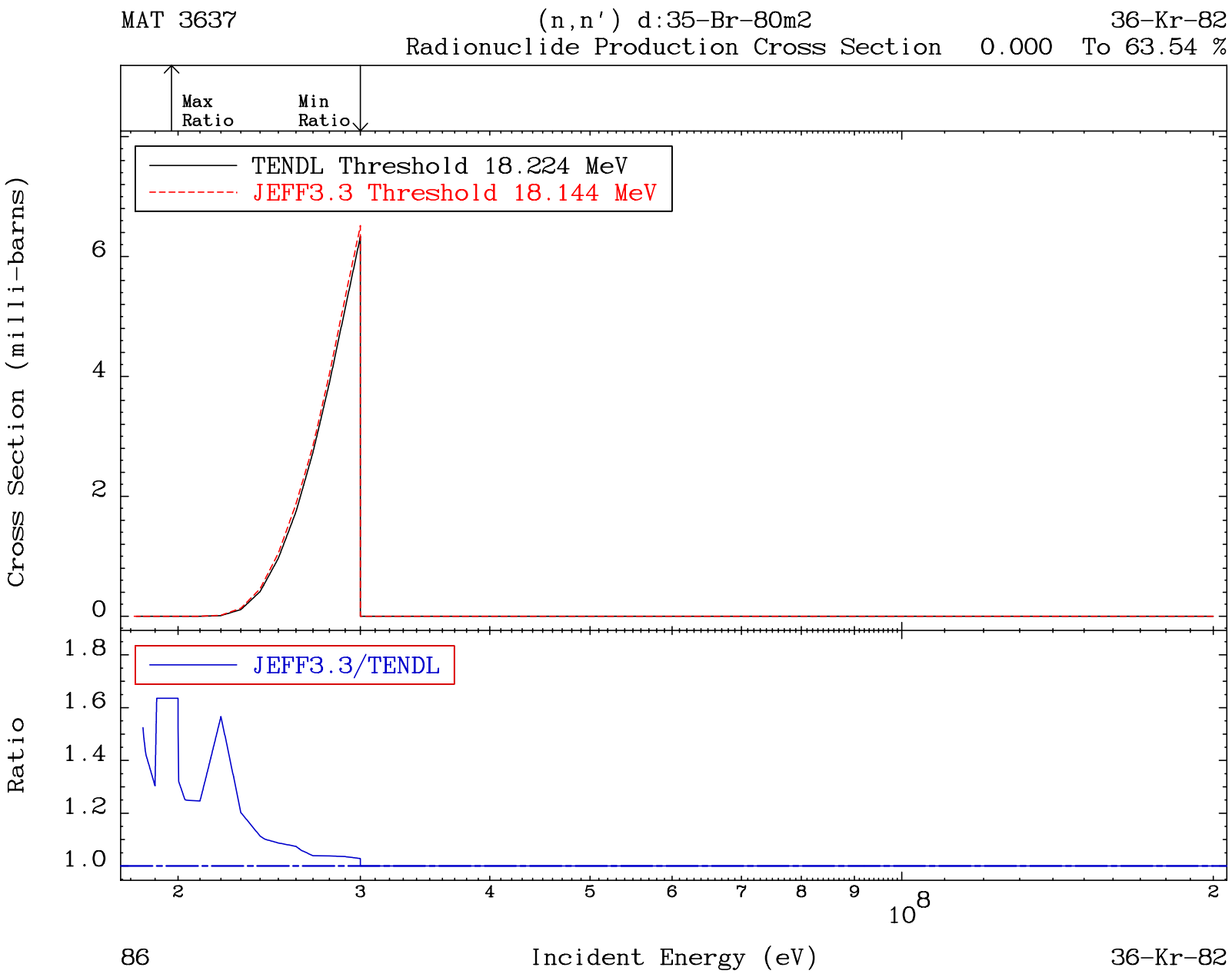

MAT 3637
(n,2n):36-Kr-81g
36-Kr-82
Radionuclide Production Cross Section
-1.476 To 54.20 %
Max Ratio
Min Ratio
TENDL Threshold 11.181 MeV
JEFF3.3 Threshold 11.102 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.6
1.4
1.2
1.0
2
3
4
5
6
7
8
9
10^8
2
81
Incident Energy (eV)
36-Kr-82

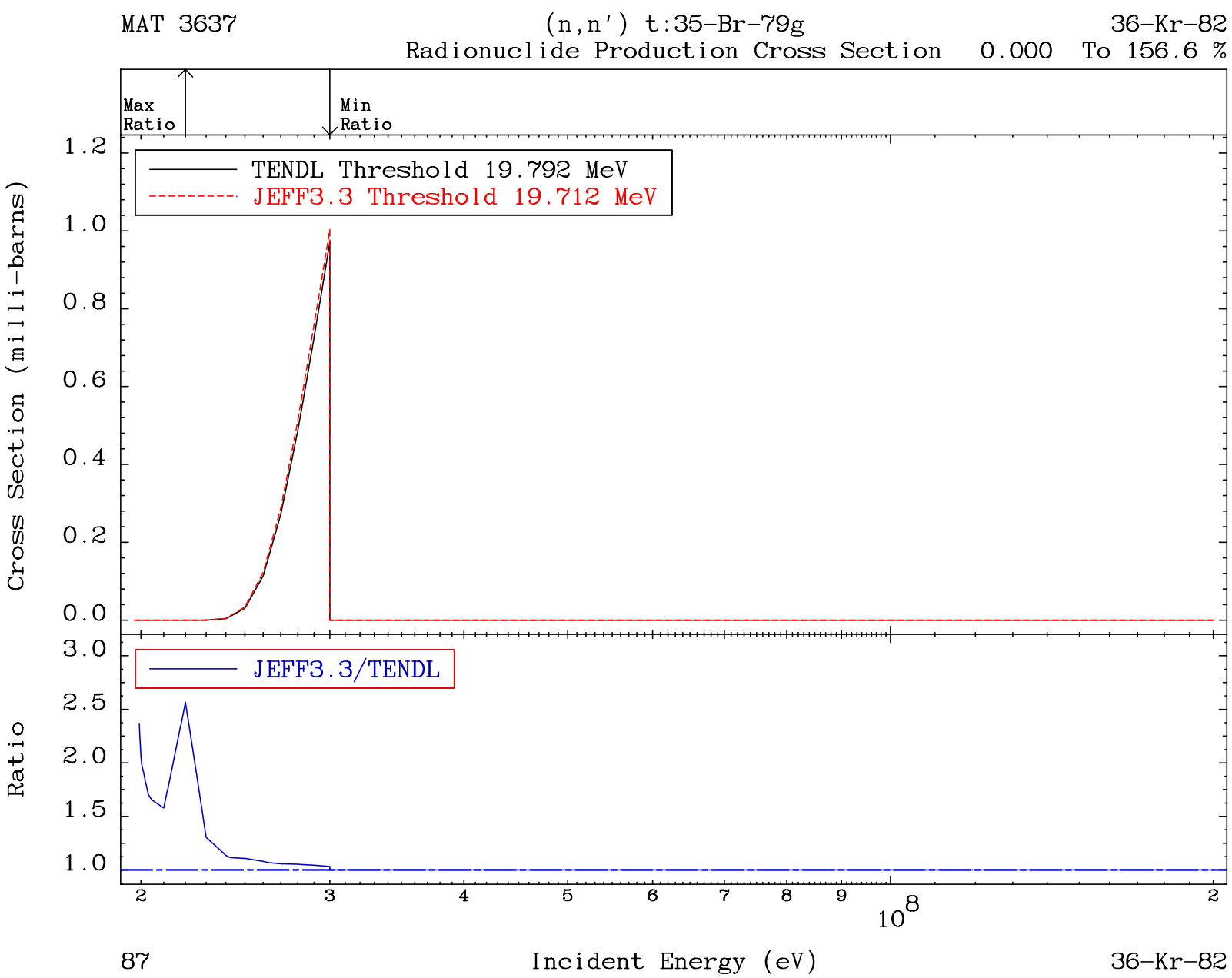

MAT 3637
(n,2n):36-Kr-81m2
36-Kr-82
Radionuclide Production Cross Section -1.851 To 404.2 %
Max Ratio
Min Ratio
TENDL Threshold 11.374 MeV
JEFF3.3 Threshold 11.295 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
6
4
2
2
3
4
5
6
7
8
9
10^8
2
82
Incident Energy (eV)
36-Kr-82

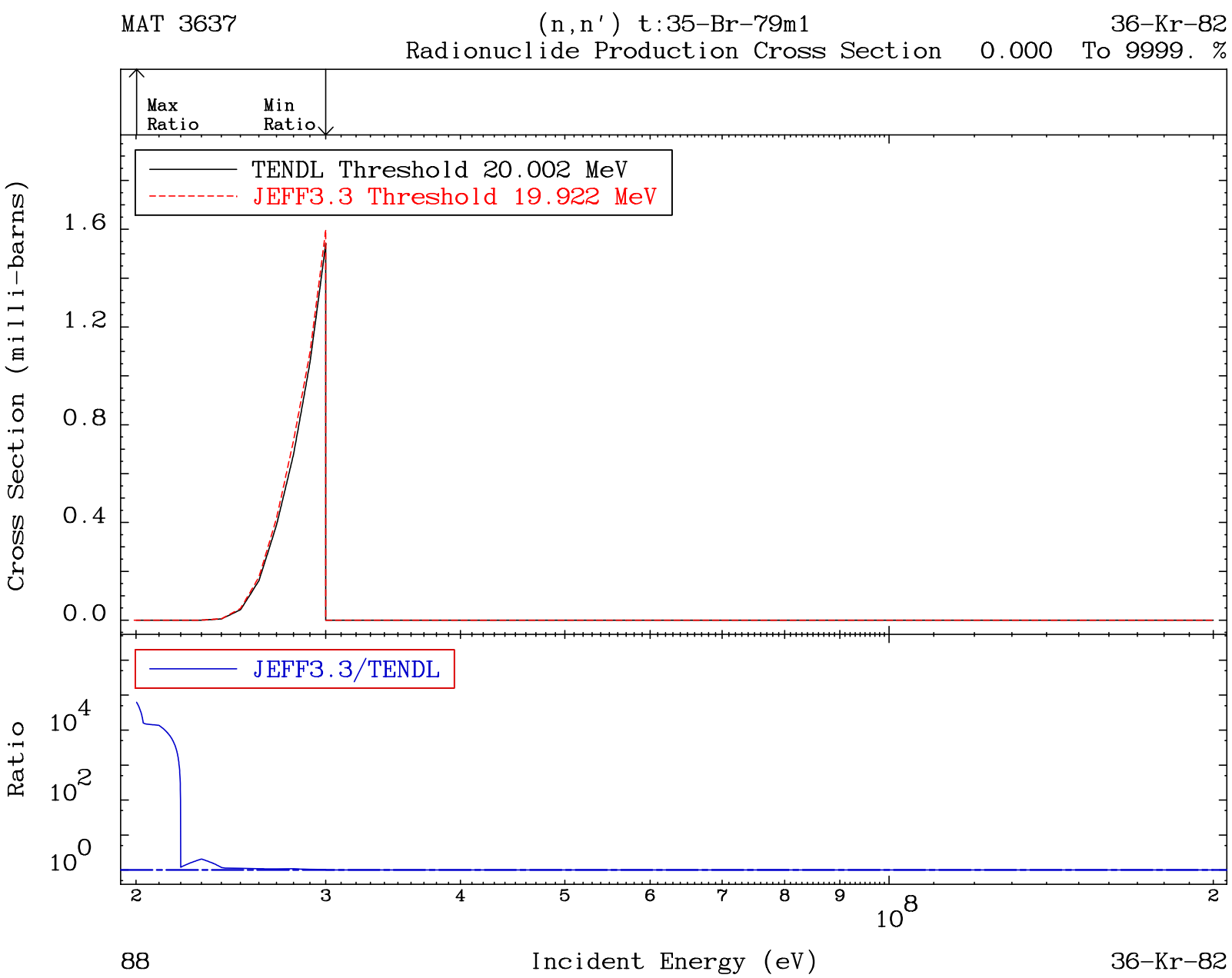

MAT 3637
(n,2n) α:34-Se-77g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 16.770 MeV
JEFF3.3 Threshold 16.690 MeV
Cross Section (milli-barns)
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
10^3
10^2
10^1
10^0
2
3
4
5
6
7
8
9
10^8
2
83
Incident Energy (eV)
36-Kr-82

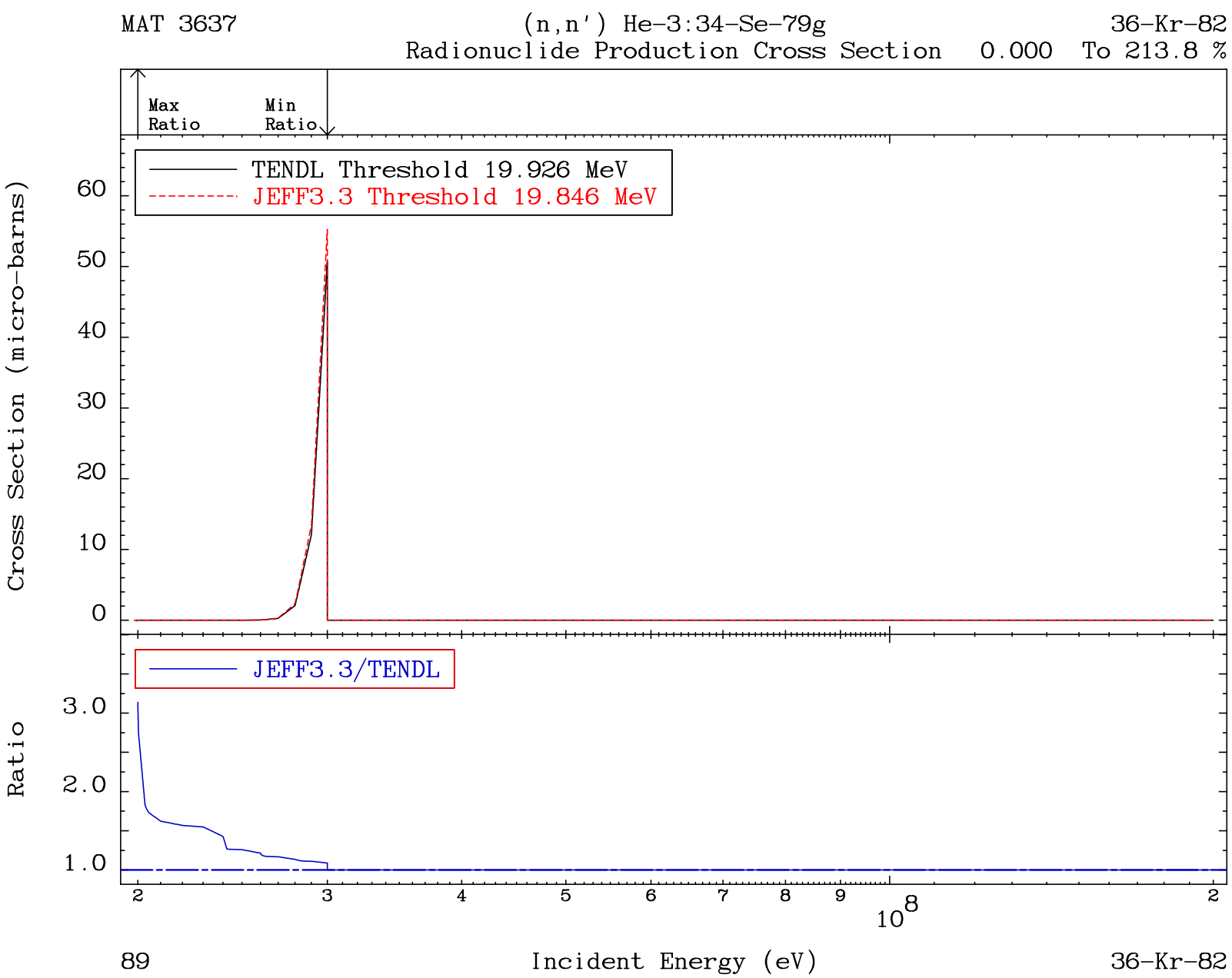

MAT 3637
(n,2n) α:34-Se-77m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 3562. %
Max Ratio
Min Ratio
TENDL Threshold 19.000 MeV
JEFF3.3 Threshold 16.854 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
84
36-Kr-82

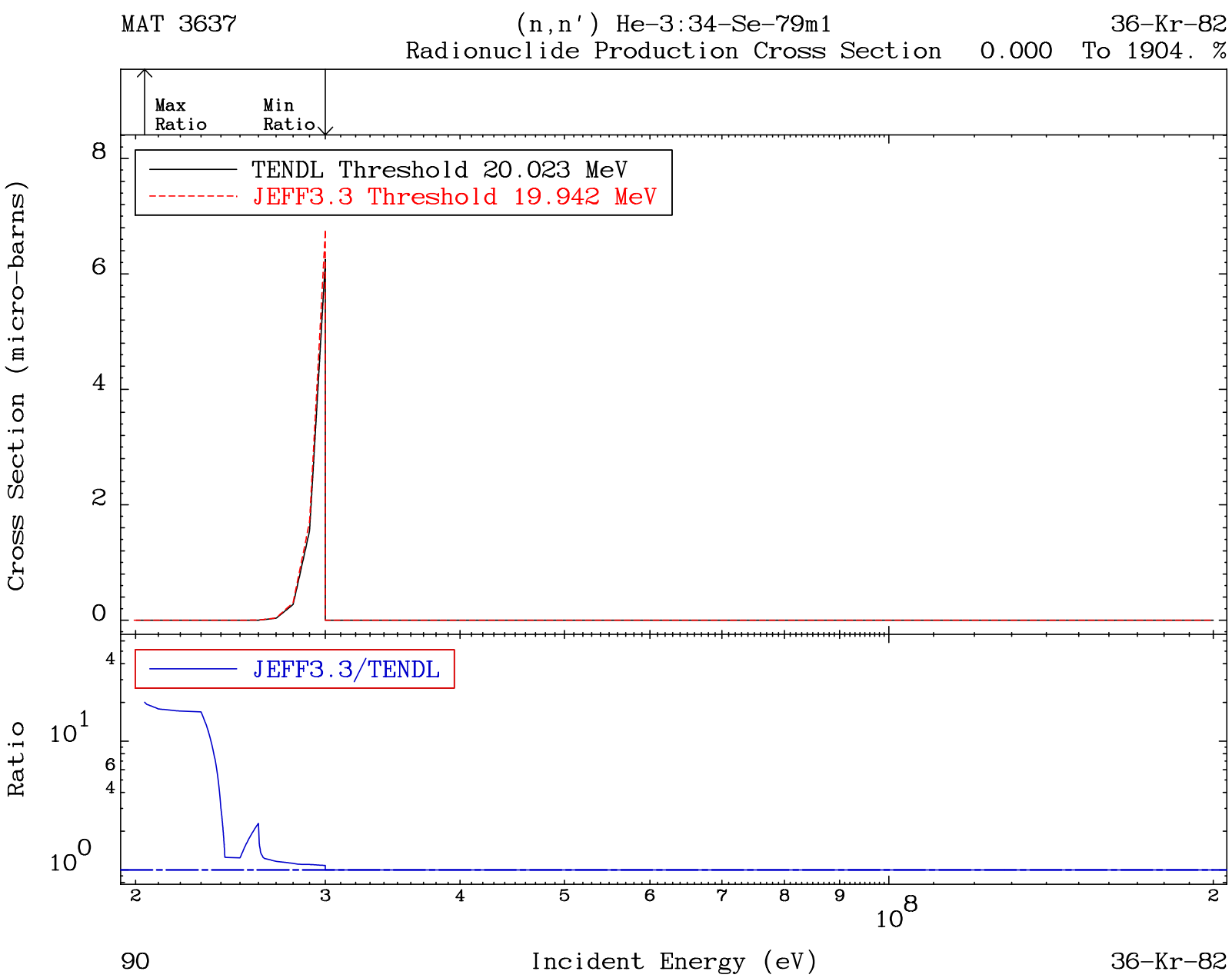

MAT 3637
(n,n') d:35-Br-80g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 141.5 %
Max Ratio
Min Ratio
TENDL Threshold 18.137 MeV
JEFF3.3 Threshold 18.057 MeV
Cross Section (milli-barns)
0
1
2
3
4
JEFF3.3/TENDL
Ratio
1.2
1.8
2.4
2
3
4
5
6
7
8
9
10^8
2
85
Incident Energy (eV)
36-Kr-82

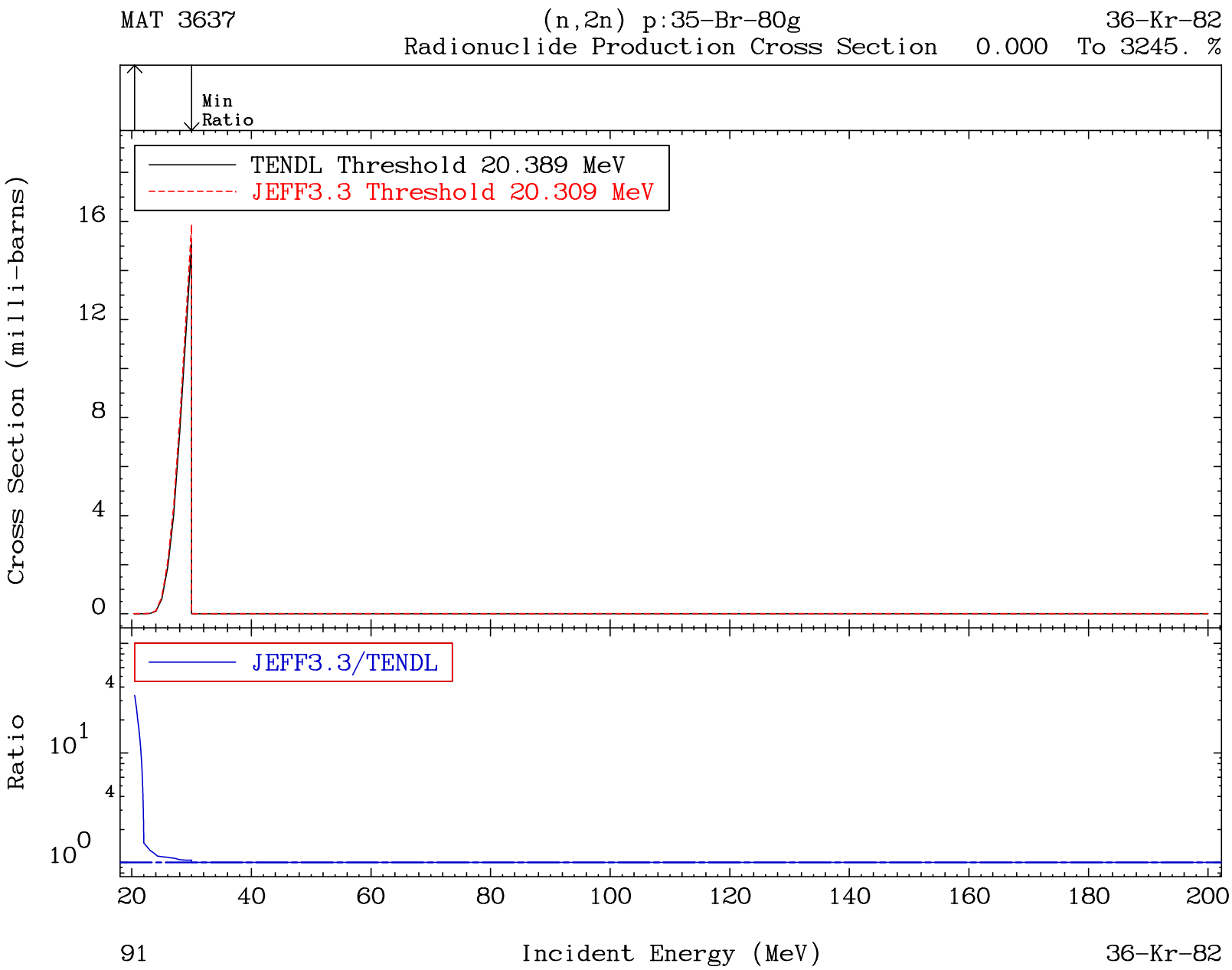

MAT 3637
(n,n') d:35-Br-80m2
36-Kr-82
Radionuclide Production Cross Section 0.000 To 63.54 %
Max Ratio
Min Ratio
TENDL Threshold 18.224 MeV
JEFF3.3 Threshold 18.144 MeV
Cross Section (milli-barns)
0
2
4
6
JEFF3.3/TENDL
Ratio
1.0
1.2
1.4
1.6
1.8
2
3
4
5
6
7
8
9
2
10^8
86
Incident Energy (eV)
36-Kr-82

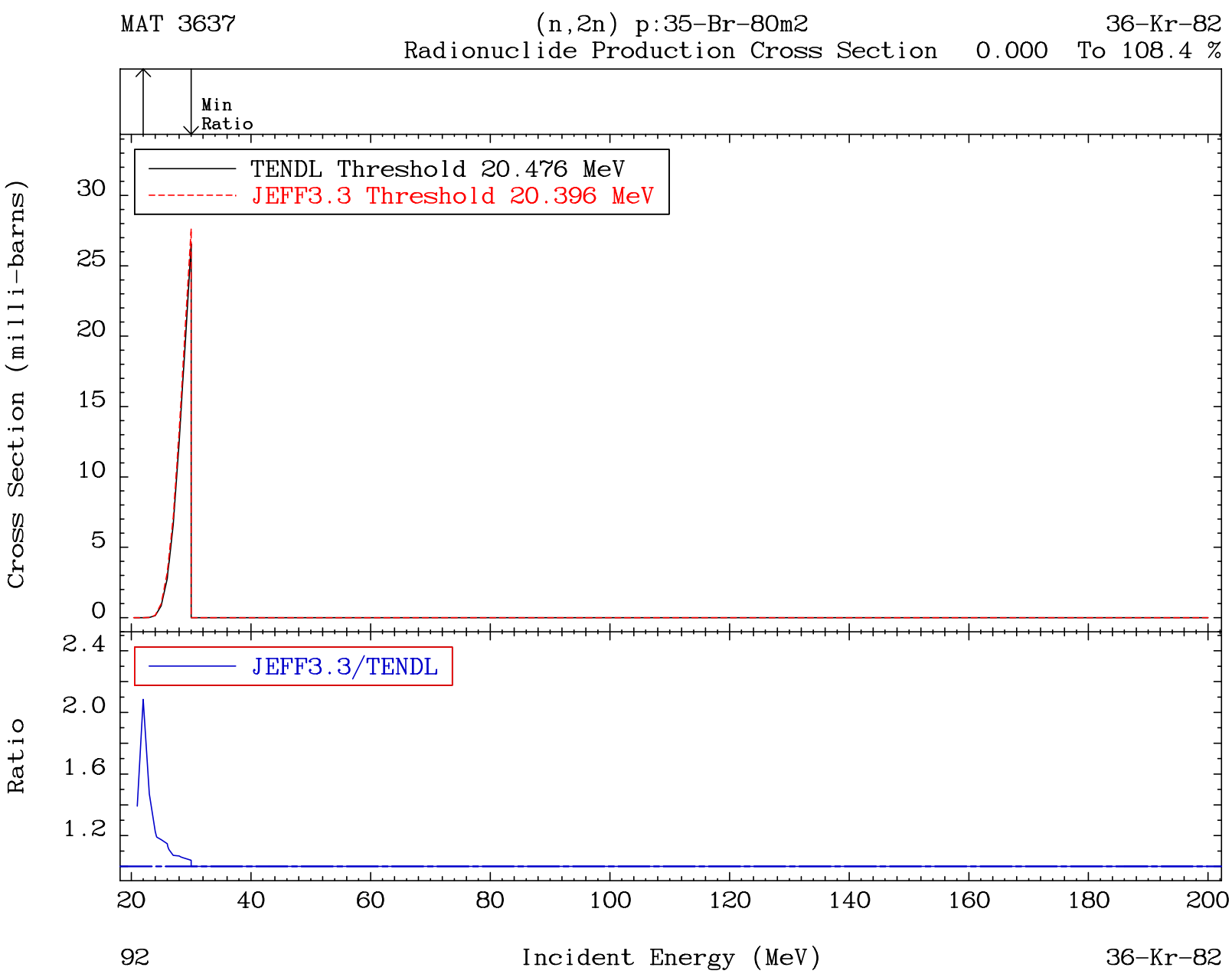

MAT 3637
(n,n') t:35-Br-79g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 156.6 %
Max Ratio
Min Ratio
TENDL Threshold 19.792 MeV
JEFF3.3 Threshold 19.712 MeV
Cross Section (milli-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
3.0
2.5
2.0
1.5
1.0
2
3
4
5
6
7
8
9
10^8
2
87
Incident Energy (eV)
36-Kr-82

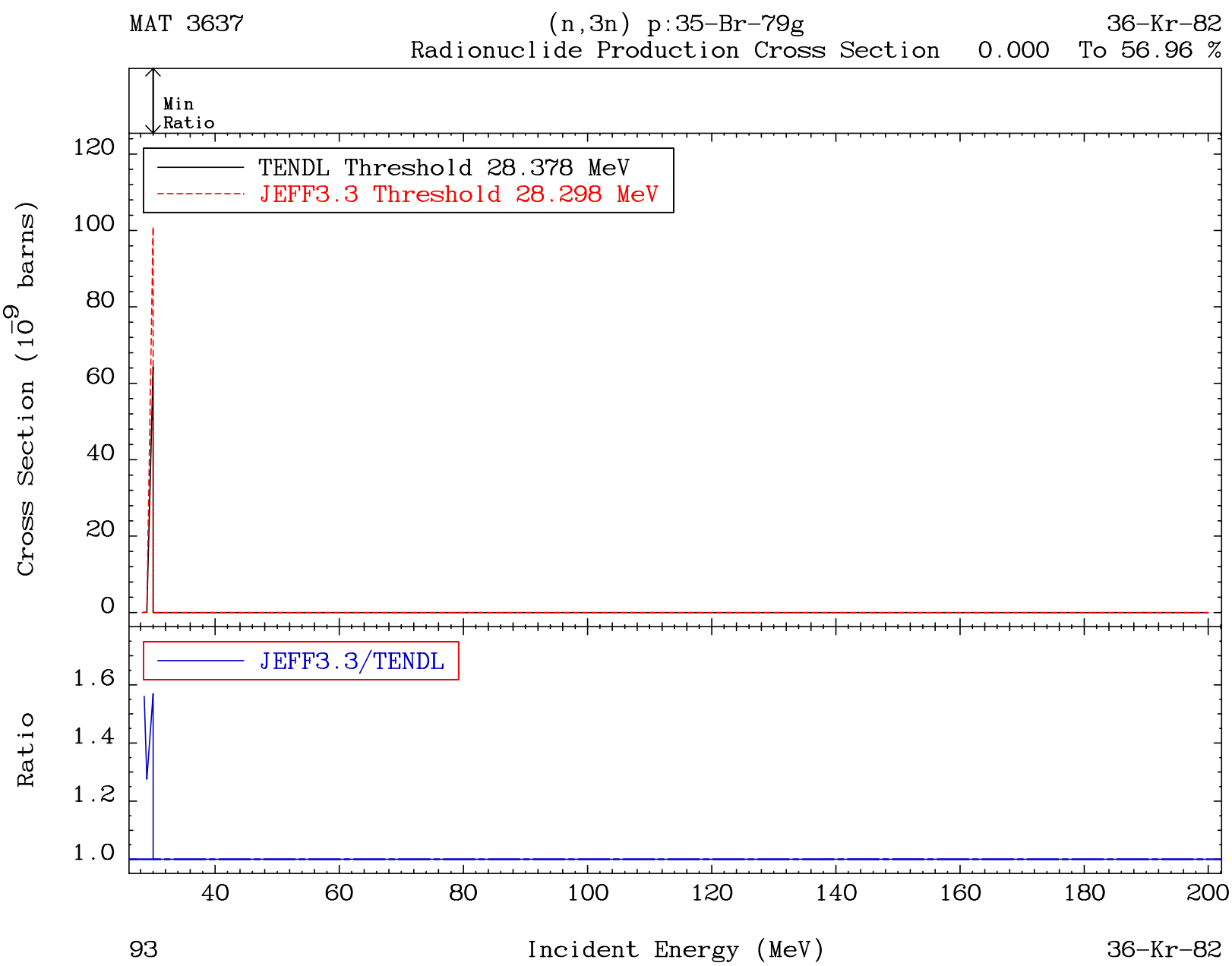

MAT 3637
(n,n') t:35-Br-79m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 20.002 MeV
JEFF3.3 Threshold 19.922 MeV
Cross Section (milli-barns)
1.6
1.2
0.8
0.4
0.0
JEFF3.3/TENDL
Ratio
10^4
10^2
10^0
2
3
4
5
6
7
8
9
10^8
2
88
Incident Energy (eV)
36-Kr-82

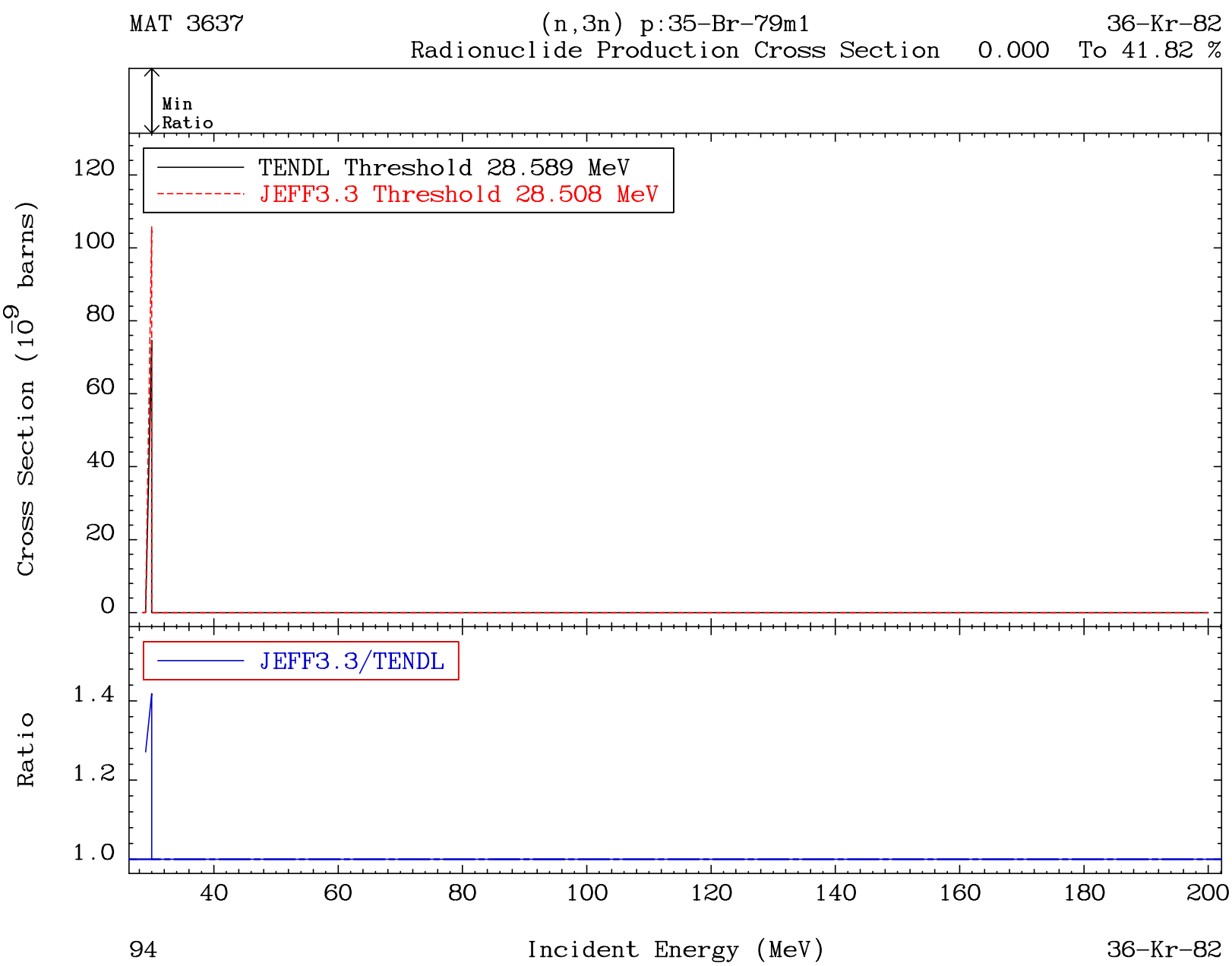

MAT 3637
(n,n') He-3:34-Se-79g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 213.8 %
Max Ratio
Min Ratio
TENDL Threshold 19.926 MeV
JEFF3.3 Threshold 19.846 MeV
Cross Section (micro-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
89
Incident Energy (eV)
36-Kr-82

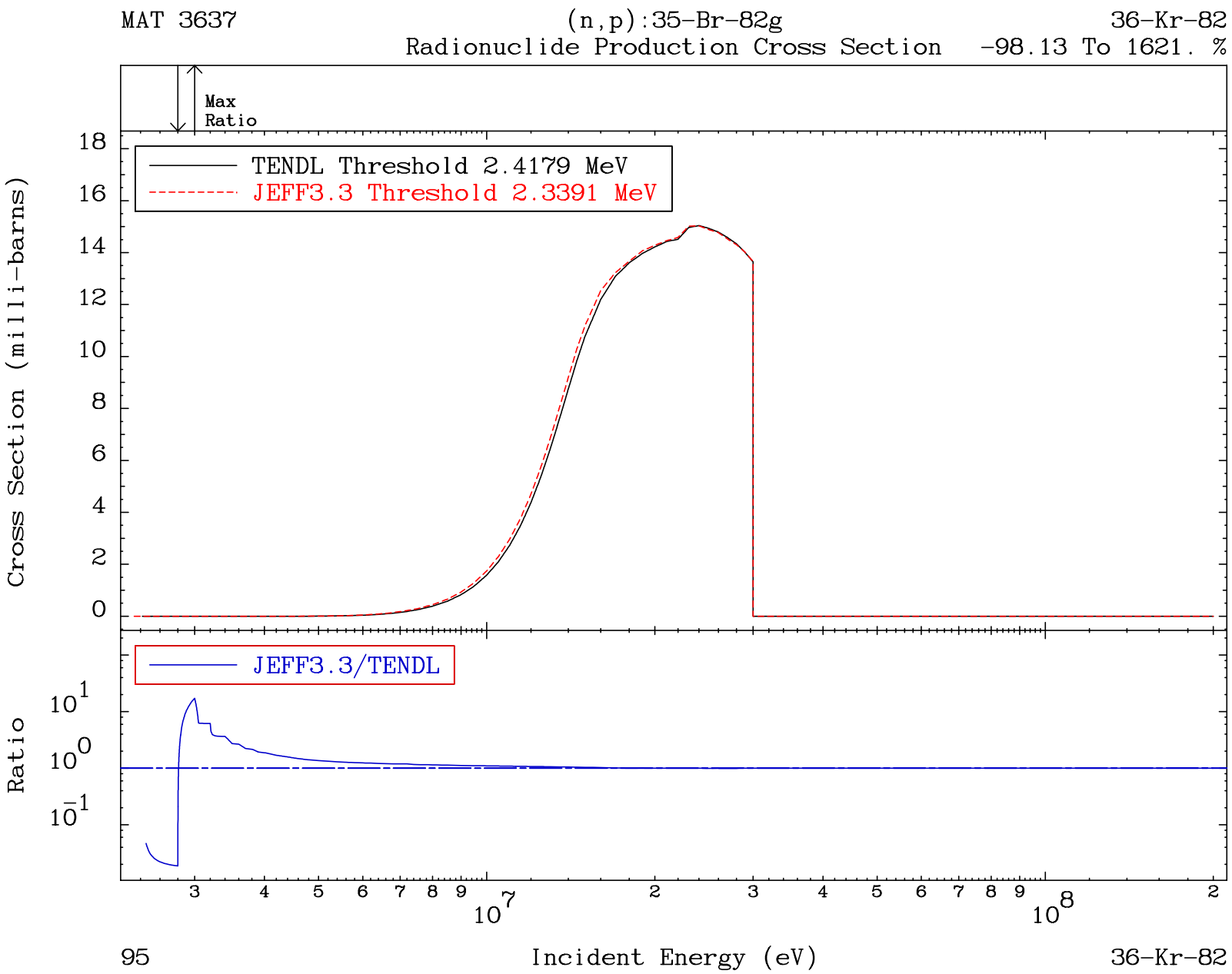

MAT 3637
(n,n') He-3:34-Se-79m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 1904. %
Max Ratio
Min Ratio
TENDL Threshold 20.023 MeV
JEFF3.3 Threshold 19.942 MeV
Cross Section (micro-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
90
36-Kr-82

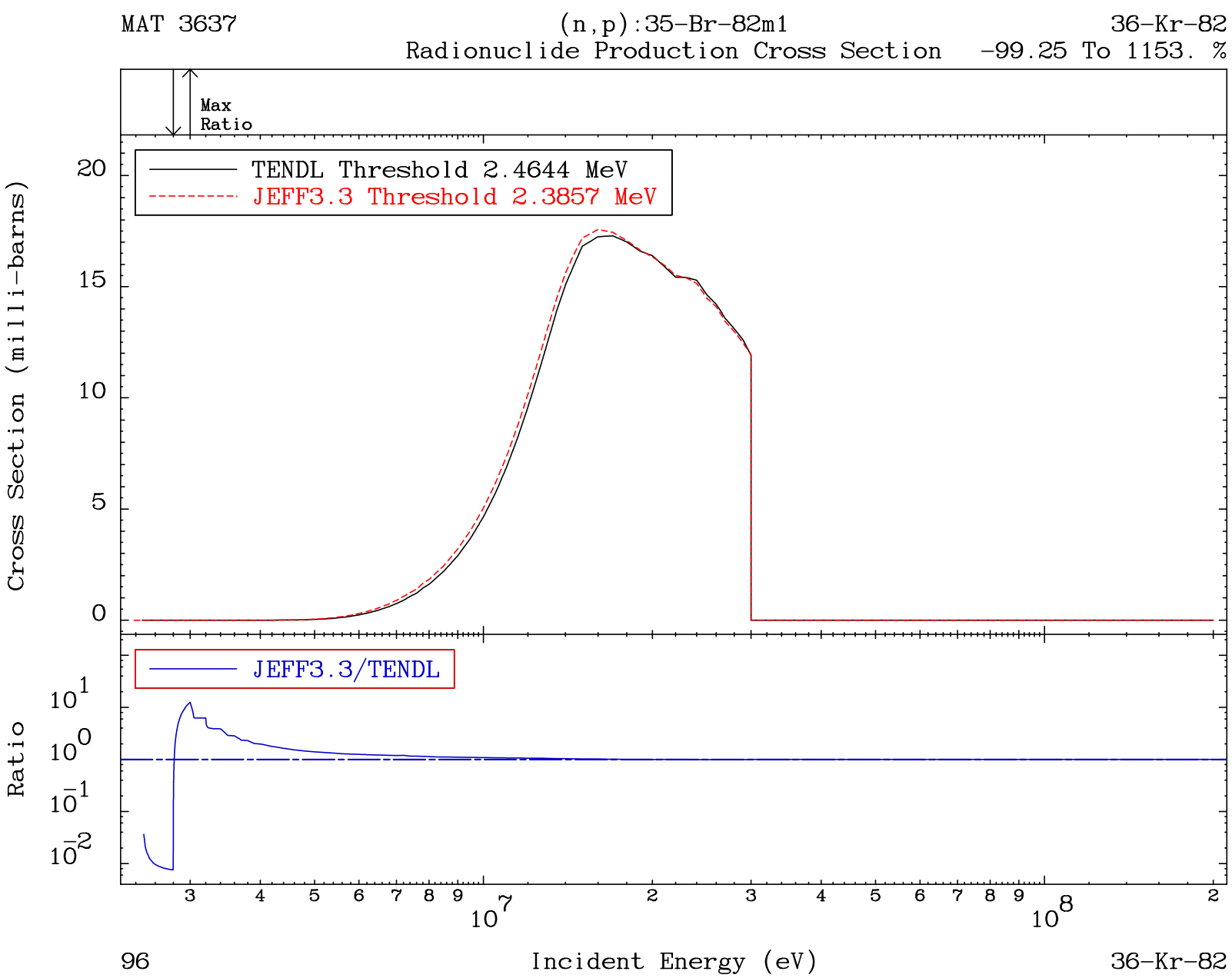

MAT 3637
(n,2n) p:35-Br-80g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 3245. %
Min
Ratio
TENDL Threshold 20.389 MeV
JEFF3.3 Threshold 20.309 MeV
Cross Section (milli-barns)
16
12
8
4
0
JEFF3.3/TENDL
Ratio
4
10^1
4
10^0
20
40
60
80
100
120
140
160
180
200
91
Incident Energy (MeV)
36-Kr-82

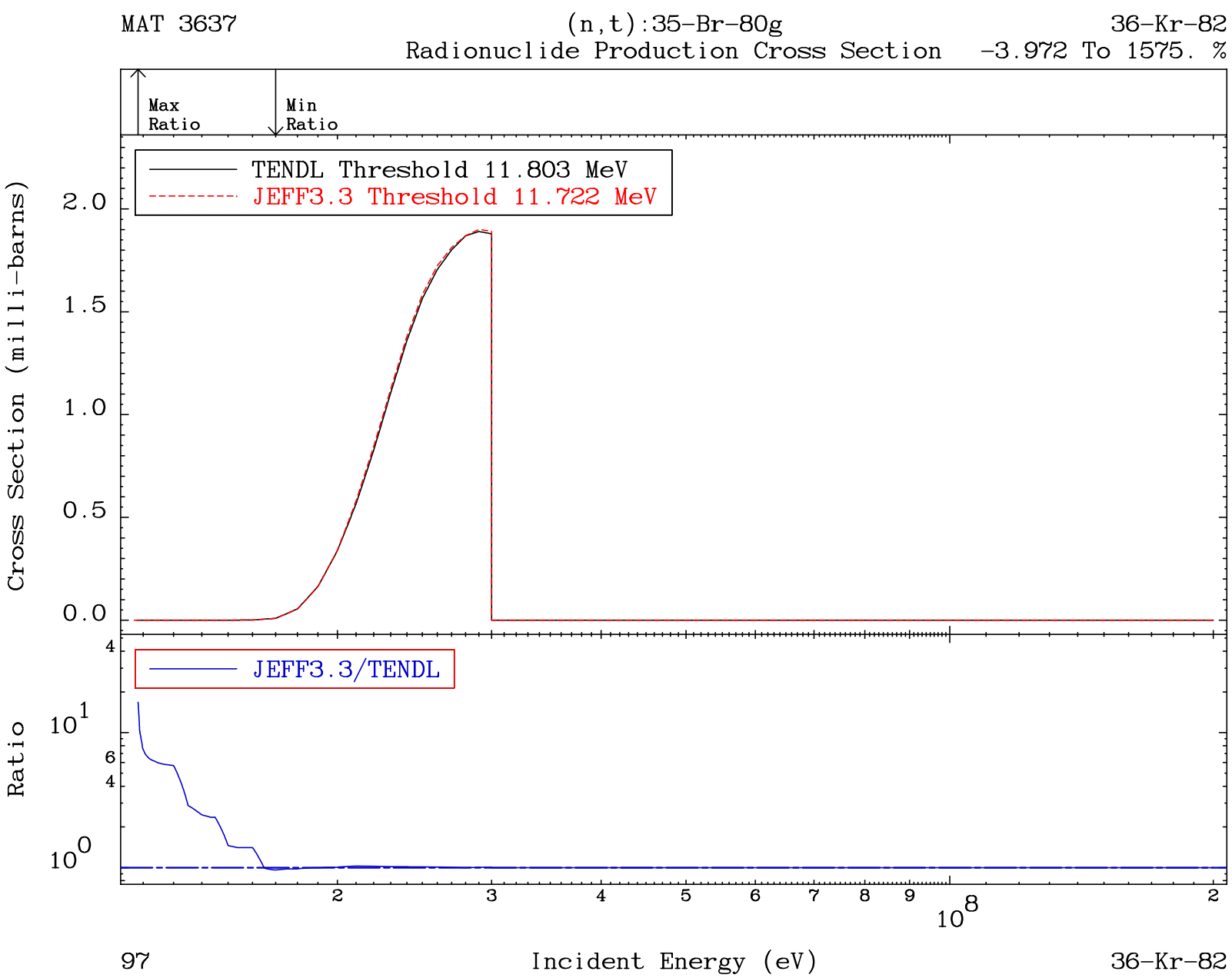

MAT 3637
(n,2n) p:35-Br-80m2
36-Kr-82
Radionuclide Production Cross Section 0.000 To 108.4 %
Min
Ratio
TENDL Threshold 20.476 MeV
JEFF3.3 Threshold 20.396 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
2.4
2.0
1.6
1.2
20
40
60
80
100
120
140
160
180
200
92
Incident Energy (MeV)
36-Kr-82

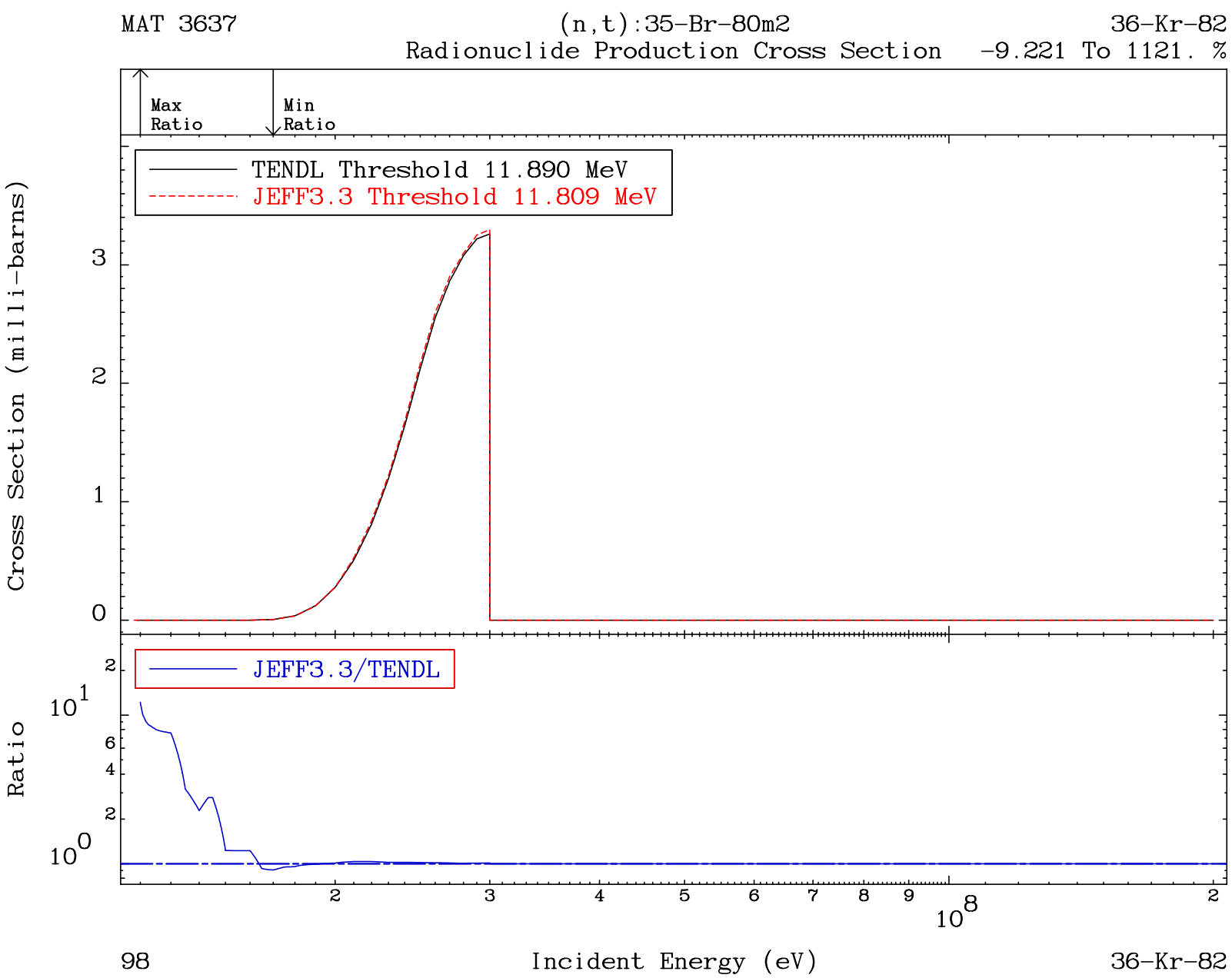

MAT 3637
(n,3n) p:35-Br-79g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 56.96 %
Min Ratio
TENDL Threshold 28.378 MeV
JEFF3.3 Threshold 28.298 MeV
Cross Section (10^{-9} barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.6
1.4
1.2
1.0
40
60
80
100
120
140
160
180
200
93
Incident Energy (MeV)
36-Kr-82

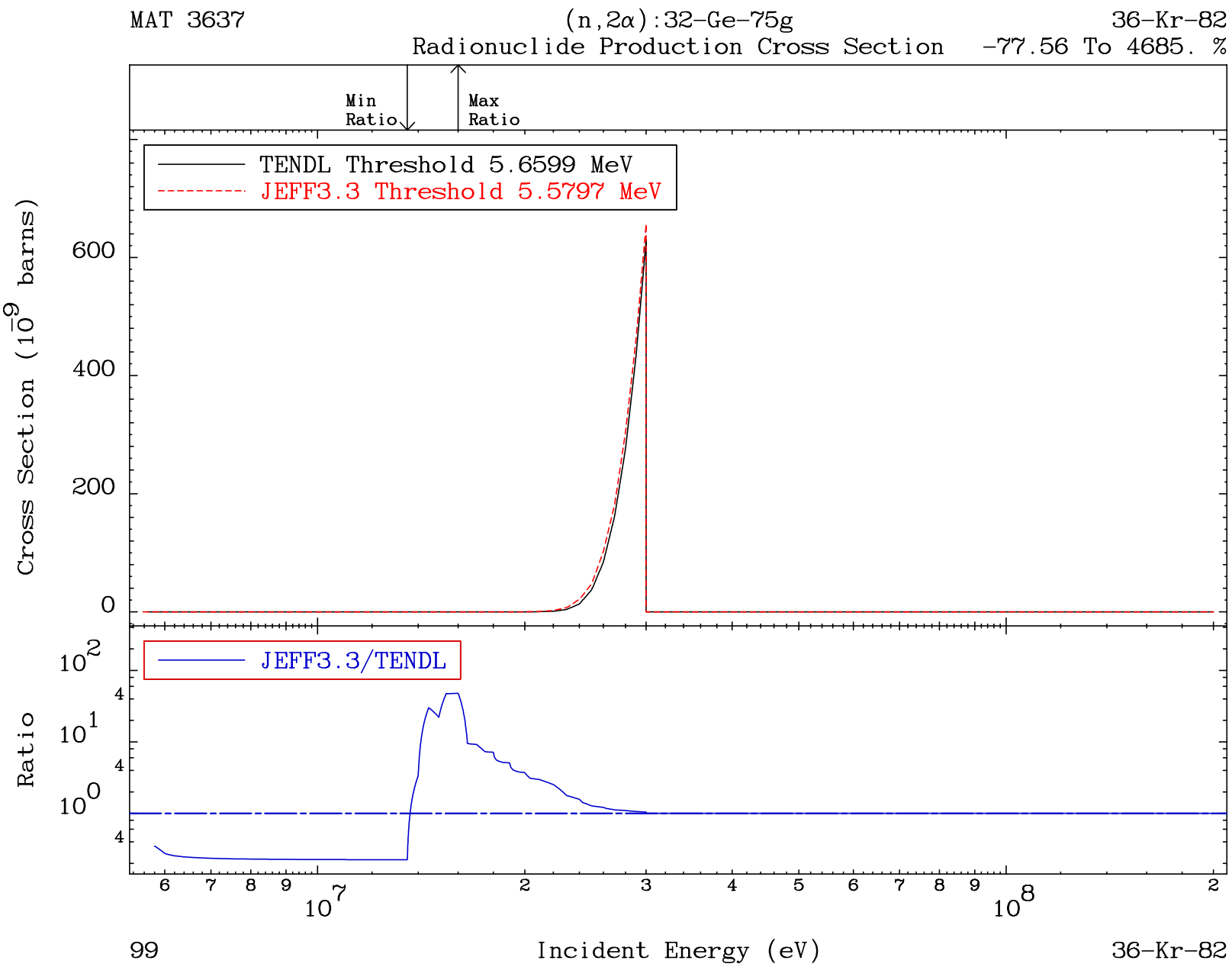

MAT 3637
(n,3n) p:35-Br-79m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 41.82 %
Min Ratio
TENDL Threshold 28.589 MeV
JEFF3.3 Threshold 28.508 MeV
Cross Section (10^{-9} barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
1.4
1.2
1.0
40
60
80
100
120
140
160
180
200
94
Incident Energy (MeV)
36-Kr-82

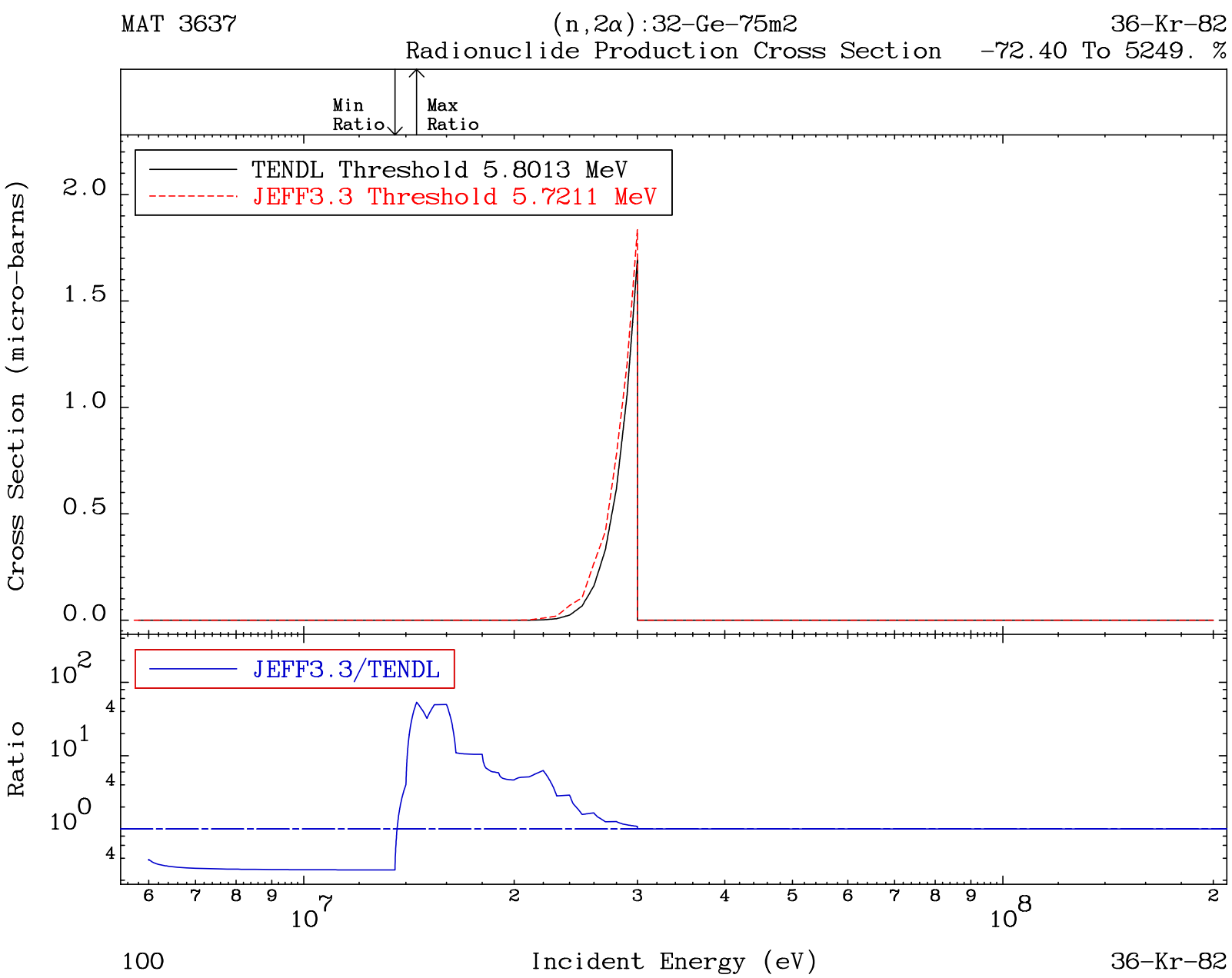

MAT 3637
(n,p):35-Br-82g
36-Kr-82
Radionuclide Production Cross Section -98.13 To 1621. %
Max
Ratio
TENDL Threshold 2.4179 MeV
JEFF3.3 Threshold 2.3391 MeV
Cross Section (milli-barns)
18
16
14
12
10
8
6
4
2
0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
95
Incident Energy (eV)
36-Kr-82

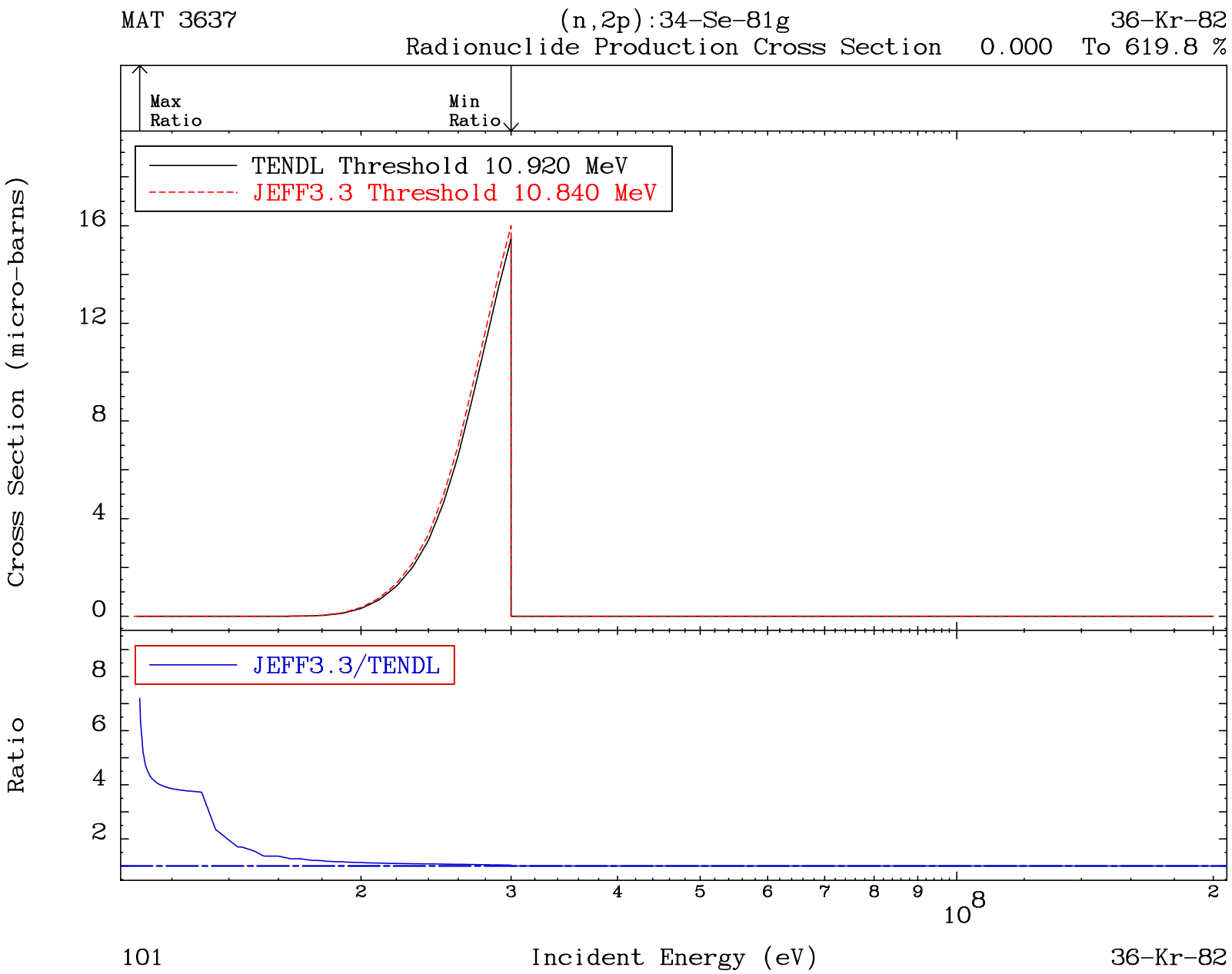

MAT 3637
(n,p):35-Br-82m1
36-Kr-82
Radionuclide Production Cross Section -99.25 To 1153. %
Max
Ratio
TENDL Threshold 2.4644 MeV
JEFF3.3 Threshold 2.3857 MeV
Cross Section (milli-barns)
20
15
10
5
0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
10^-2
3 4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
96
Incident Energy (eV)
36-Kr-82

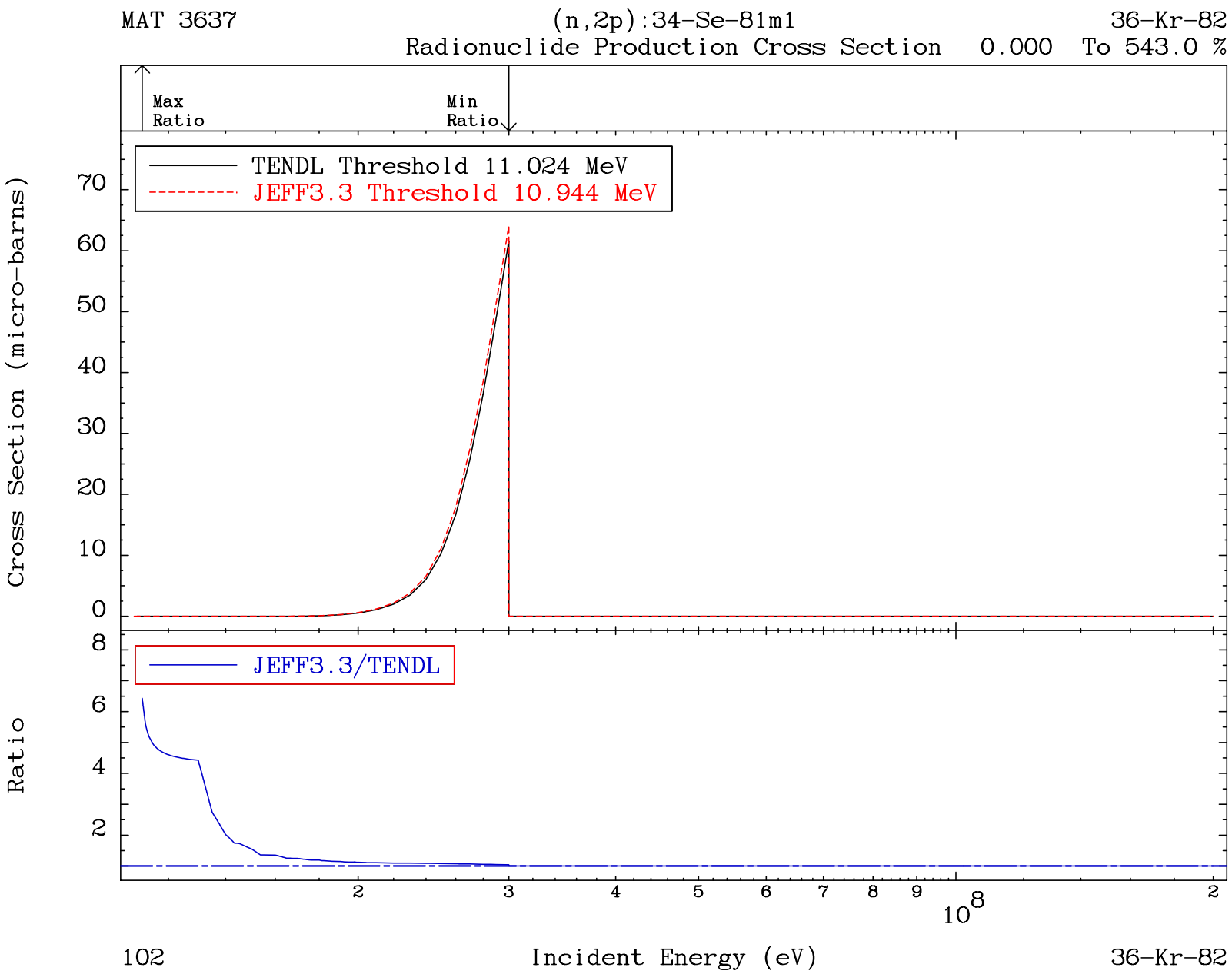

MAT 3637
(n,t):35-Br-80g
36-Kr-82
Radionuclide Production Cross Section -3.972 To 1575. %
Max Ratio
Min Ratio
TENDL Threshold 11.803 MeV
JEFF3.3 Threshold 11.722 MeV
Cross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
4
10^1
6
4
10^0
2
3
4
5
6
7
8
9
10^8
2
97
Incident Energy (eV)
36-Kr-82

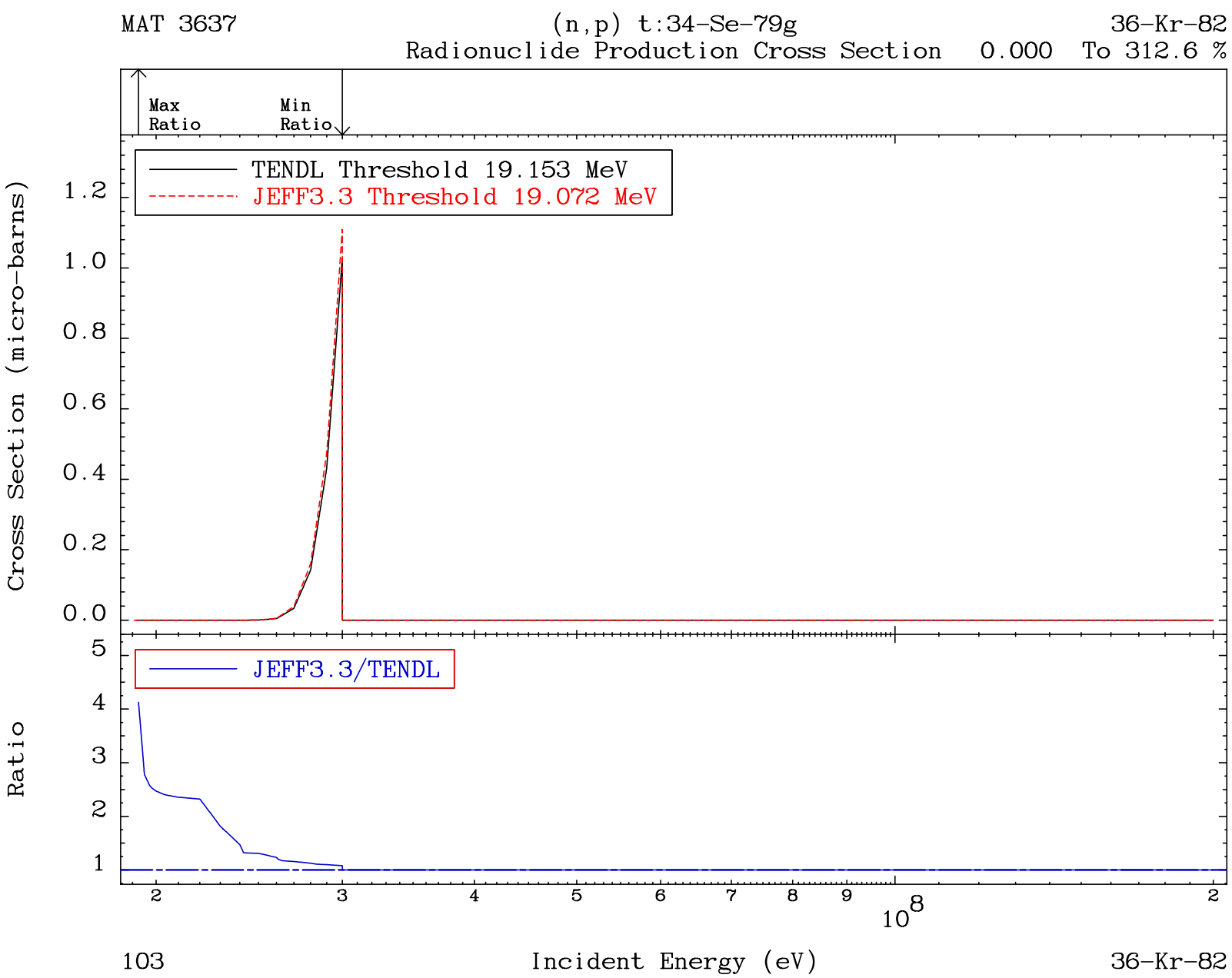

MAT 3637
(n,t):35-Br-80m2
36-Kr-82
Radionuclide Production Cross Section -9.221 To 1121. %
Max Ratio
Min Ratio
TENDL Threshold 11.890 MeV
JEFF3.3 Threshold 11.809 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
98
36-Kr-82

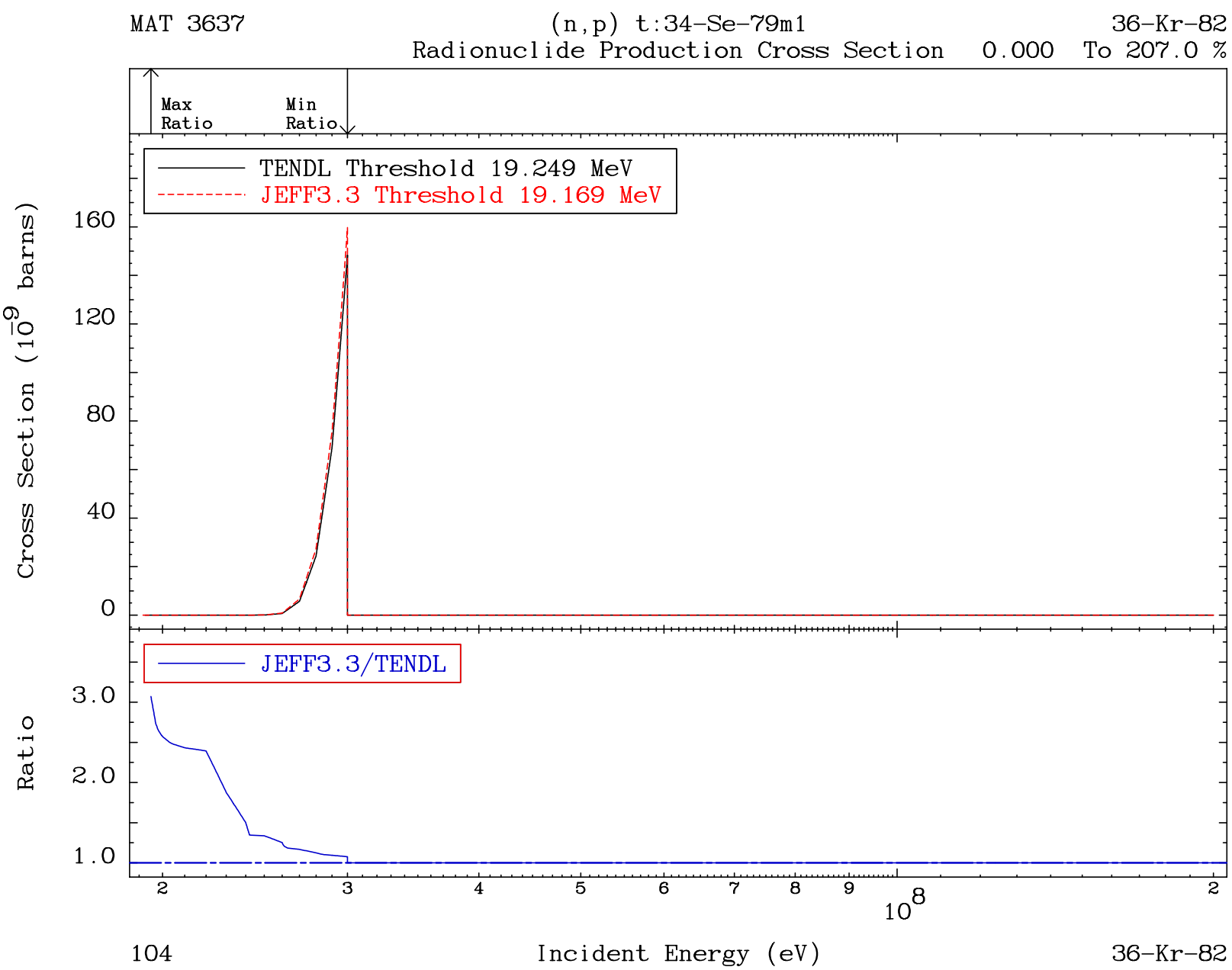

MAT 3637
(n,2α):32-Ge-75g
36-Kr-82
Radionuclide Production Cross Section -77.56 To 4685. %
Min Ratio
Max Ratio
TENDL Threshold 5.6599 MeV
JEFF3.3 Threshold 5.5797 MeV
Cross Section (10^{-9} barns)
600
400
200
0
JEFF3.3/TENDL
Ratio
10^{2}
10^{1}
10^{0}
10^{7}
10^{8}
99
Incident Energy (eV)
36-Kr-82


MAT 3637
(n,2α):32-Ge-75m2
36-Kr-82
Radionuclide Production Cross Section -72.40 To 5249. %
Min Ratio
Max Ratio
TENDL Threshold 5.8013 MeV
JEFF3.3 Threshold 5.7211 MeV
Cross Section (micro-barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
10^2
10^1
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
100
Incident Energy (eV)
36-Kr-82


MAT 3637
(n,2p):34-Se-81g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 619.8 %
Max Ratio
Min Ratio
TENDL Threshold 10.920 MeV
JEFF3.3 Threshold 10.840 MeV
Cross Section (micro-barns)
16
12
8
4
0
JEFF3.3/TENDL
Ratio
8
6
4
2
2
3
4
5
6
7
8
9
10^8
2
101
Incident Energy (eV)
36-Kr-82


MAT 3637
(n,2p):34-Se-81m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 543.0 %
Max Ratio
Min Ratio
TENDL Threshold 11.024 MeV
JEFF3.3 Threshold 10.944 MeV
Cross Section (micro-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
8
6
4
2
2
3
4
5
6
7
8
9
10^8
2
102
Incident Energy (eV)
36-Kr-82


MAT 3637
(n,p) t:34-Se-79g
36-Kr-82
Radionuclide Production Cross Section 0.000 To 312.6 %
Max Ratio
Min Ratio
TENDL Threshold 19.153 MeV
JEFF3.3 Threshold 19.072 MeV
Cross Section (micro-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
5
4
3
2
1
2
3
4
5
6
7
8
9
10^8
2
103
Incident Energy (eV)
36-Kr-82


MAT 3637
(n,p) t:34-Se-79m1
36-Kr-82
Radionuclide Production Cross Section 0.000 To 207.0 %
Max Ratio
Min Ratio
TENDL Threshold 19.249 MeV
JEFF3.3 Threshold 19.169 MeV
Cross Section (10^{-9} barns)
160
120
80
40
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
2
3
4
5
6
7
8
9
10^8
2
104
Incident Energy (eV)
36-Kr-82