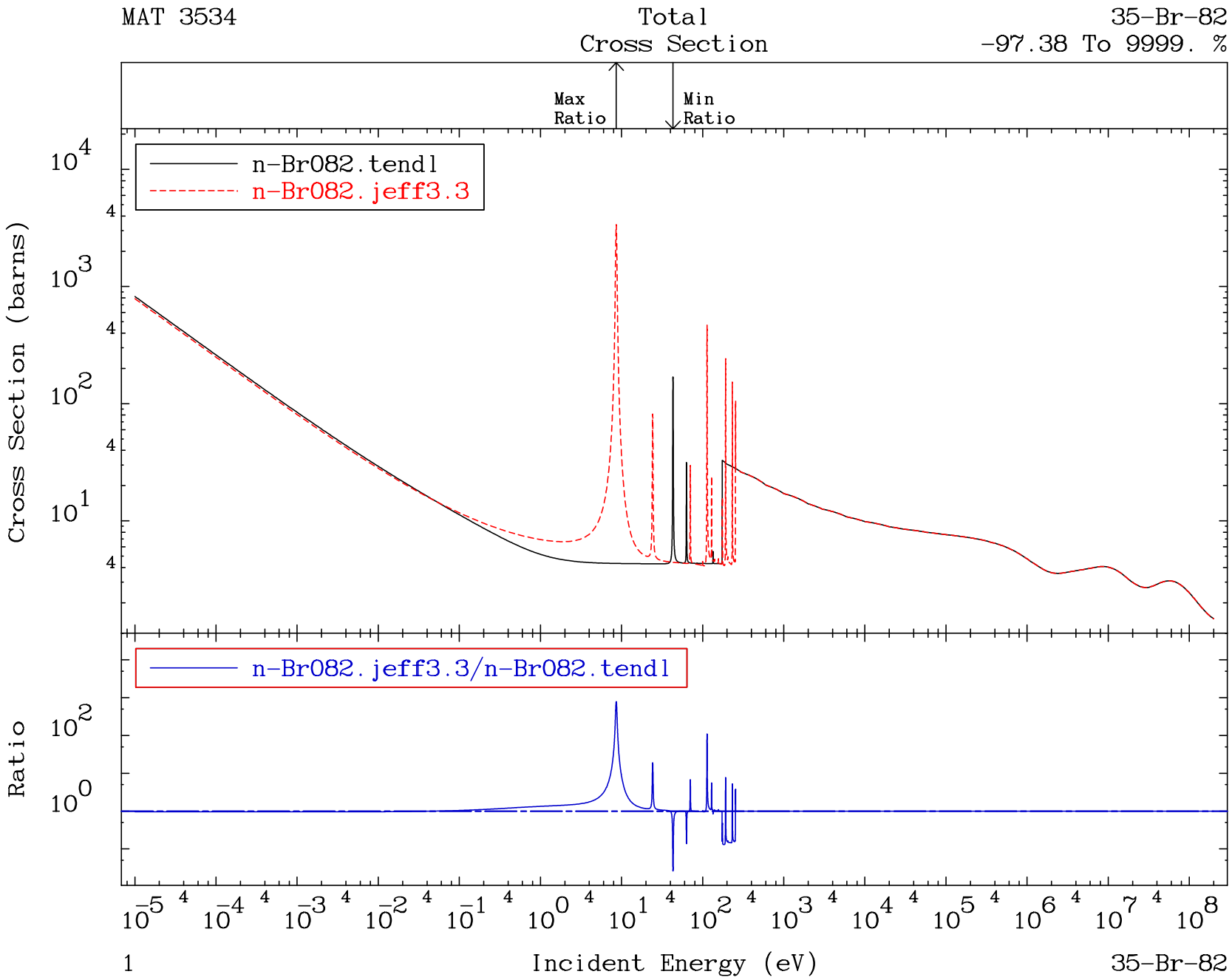
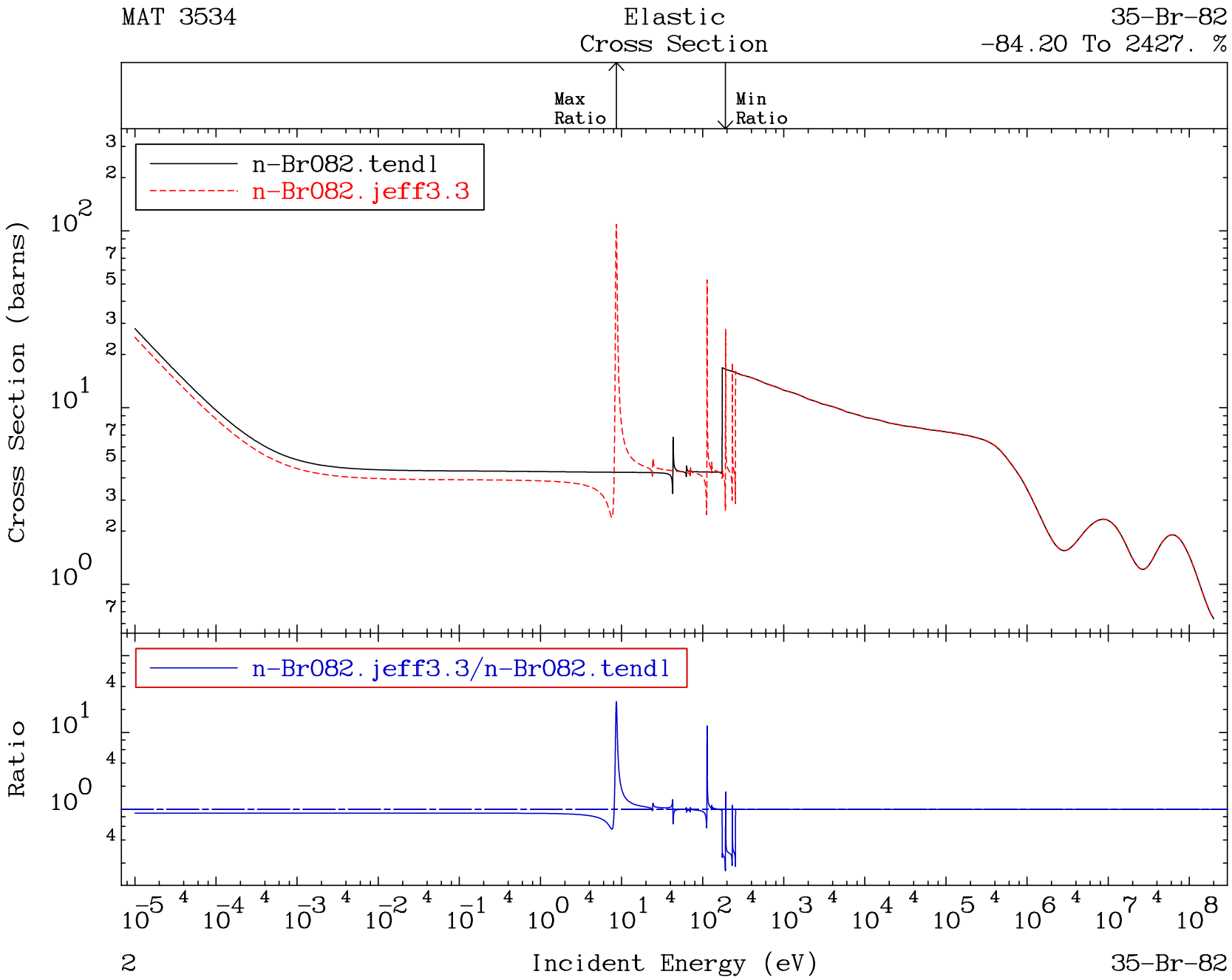
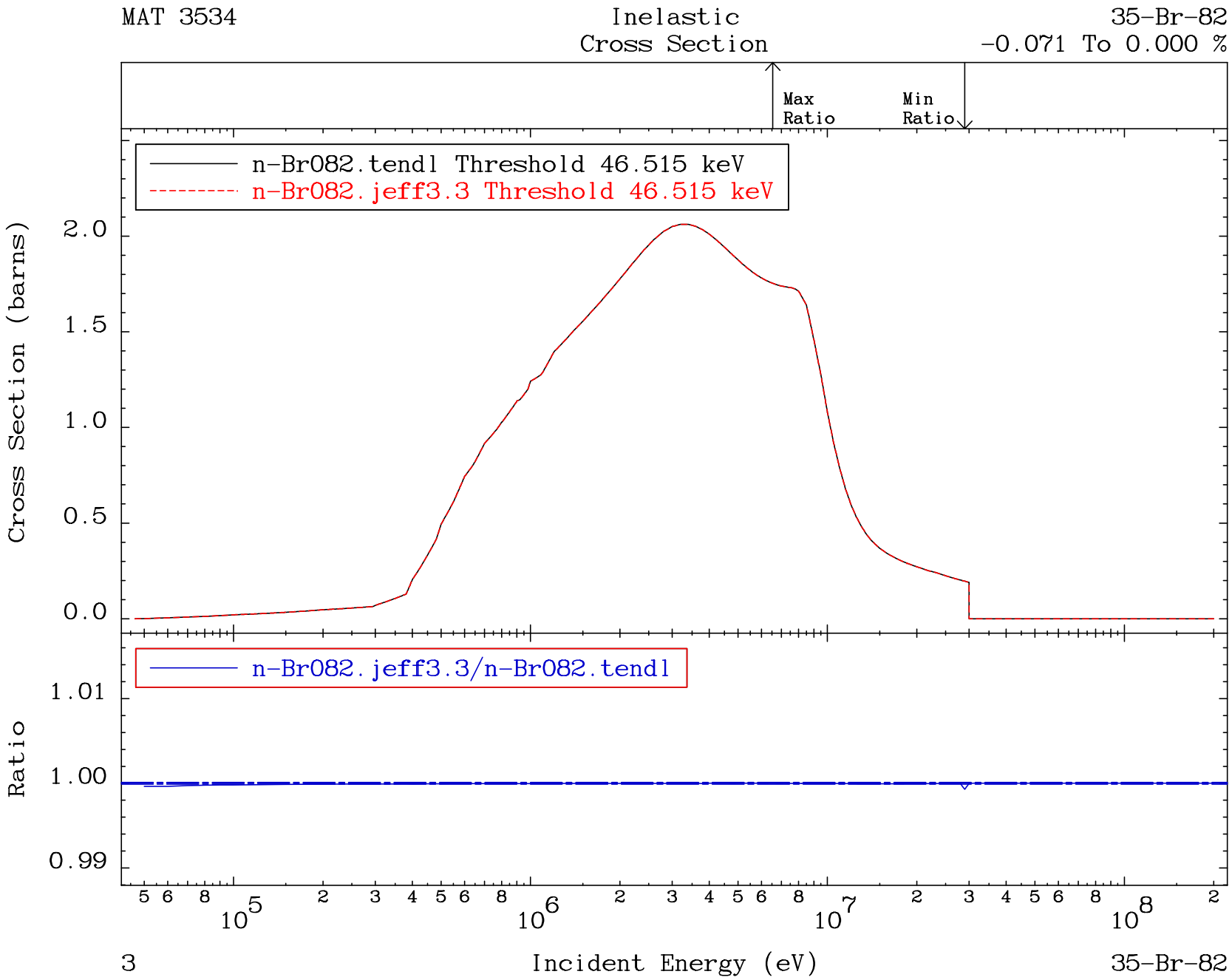
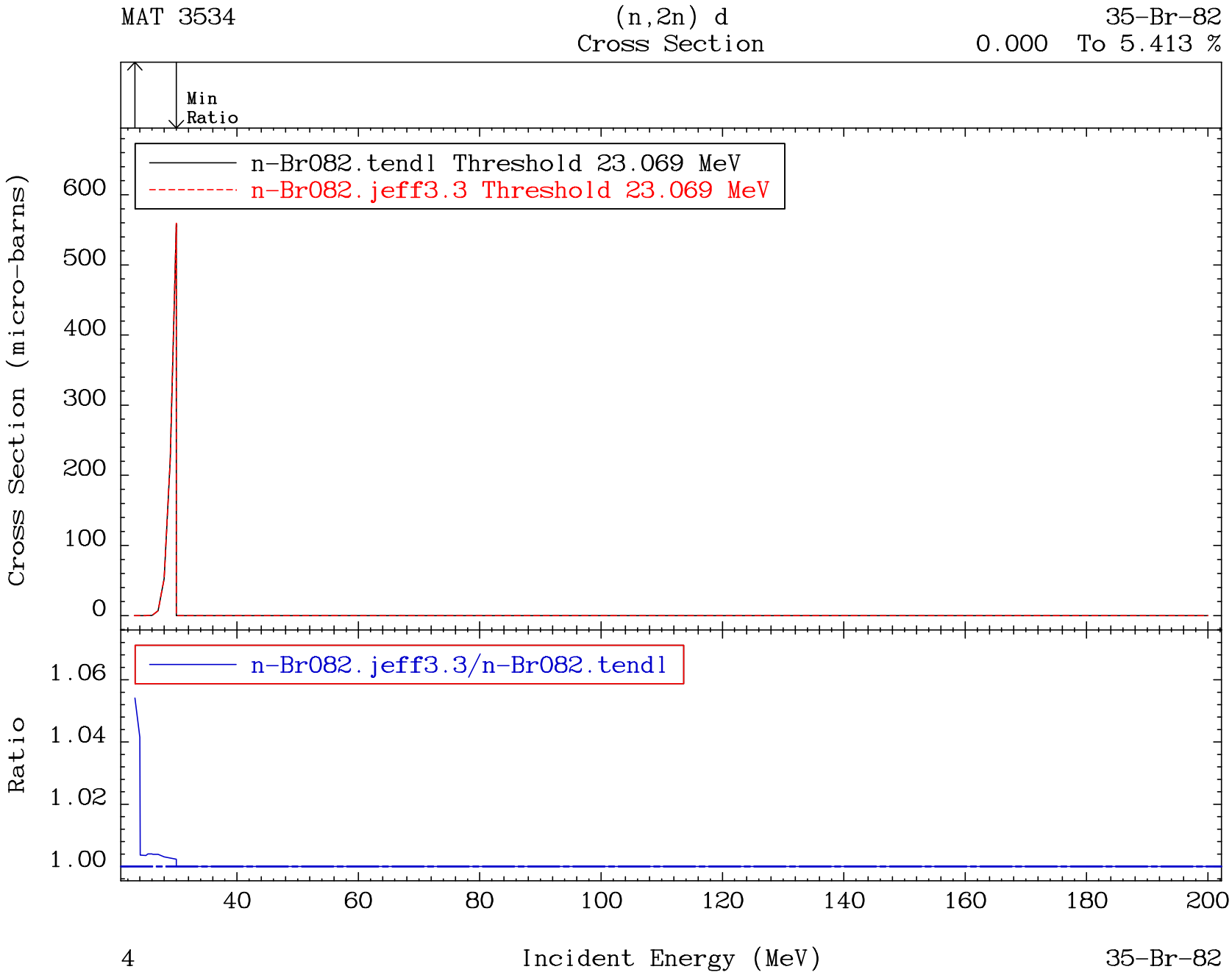
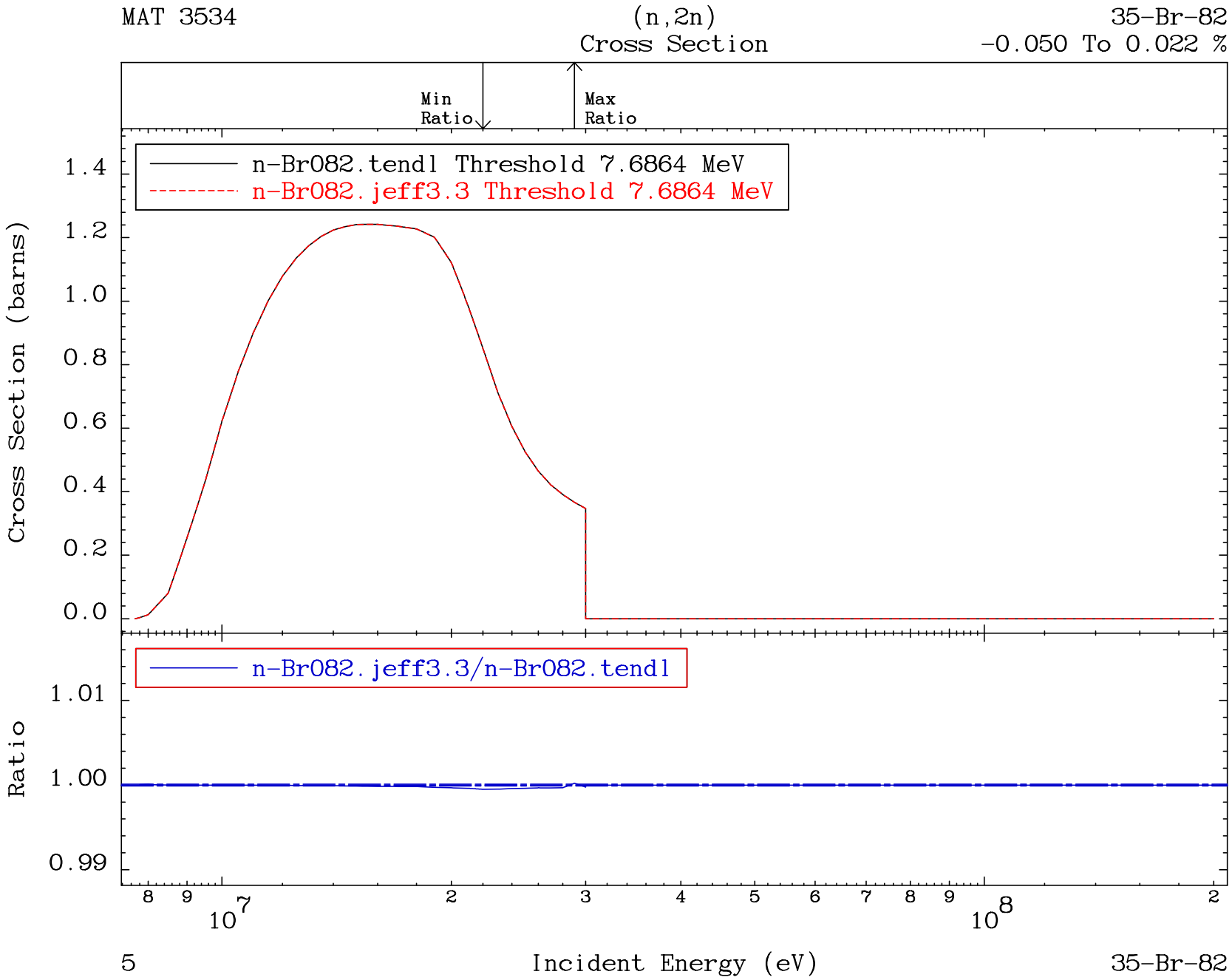
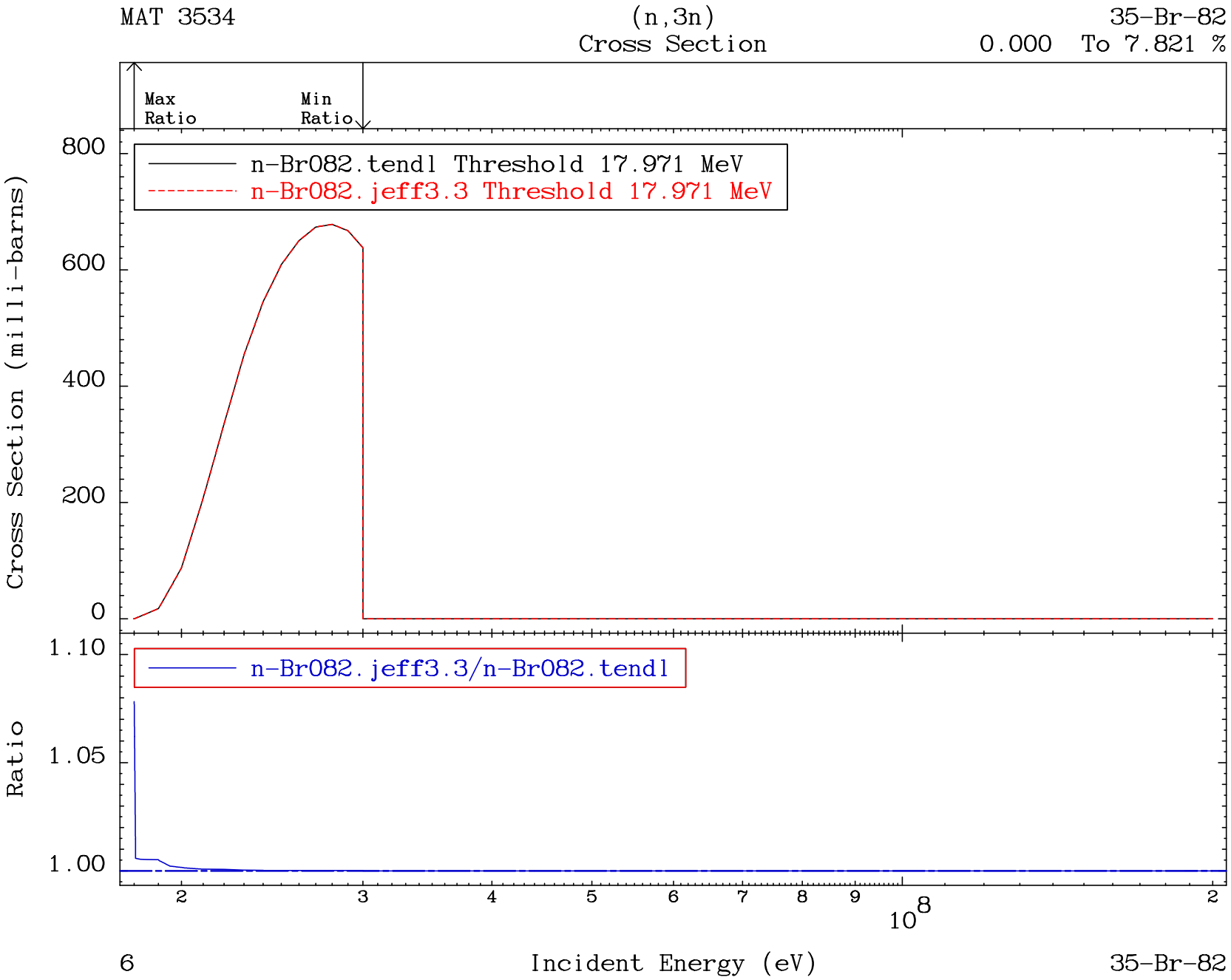

MAT 3534
Total
Cross Section
35-Br-82
-97.38 To 9999. %
Max
Ratio
Min
Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
1
35-Br-82

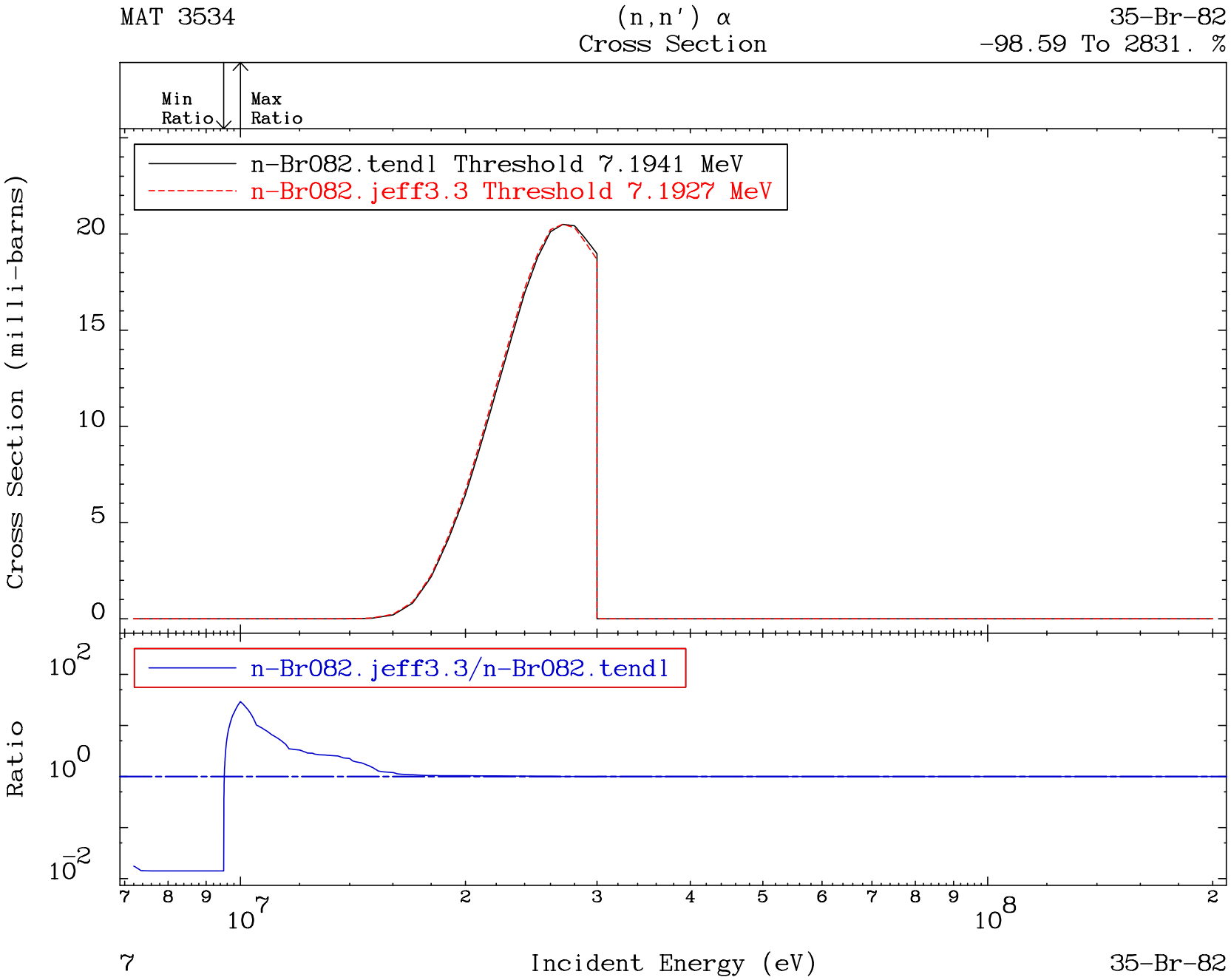

MAT 3534
Elastic
Cross Section
35-Br-82
-84.20 To 2427. %
Max
Ratio
Min
Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
2
35-Br-82

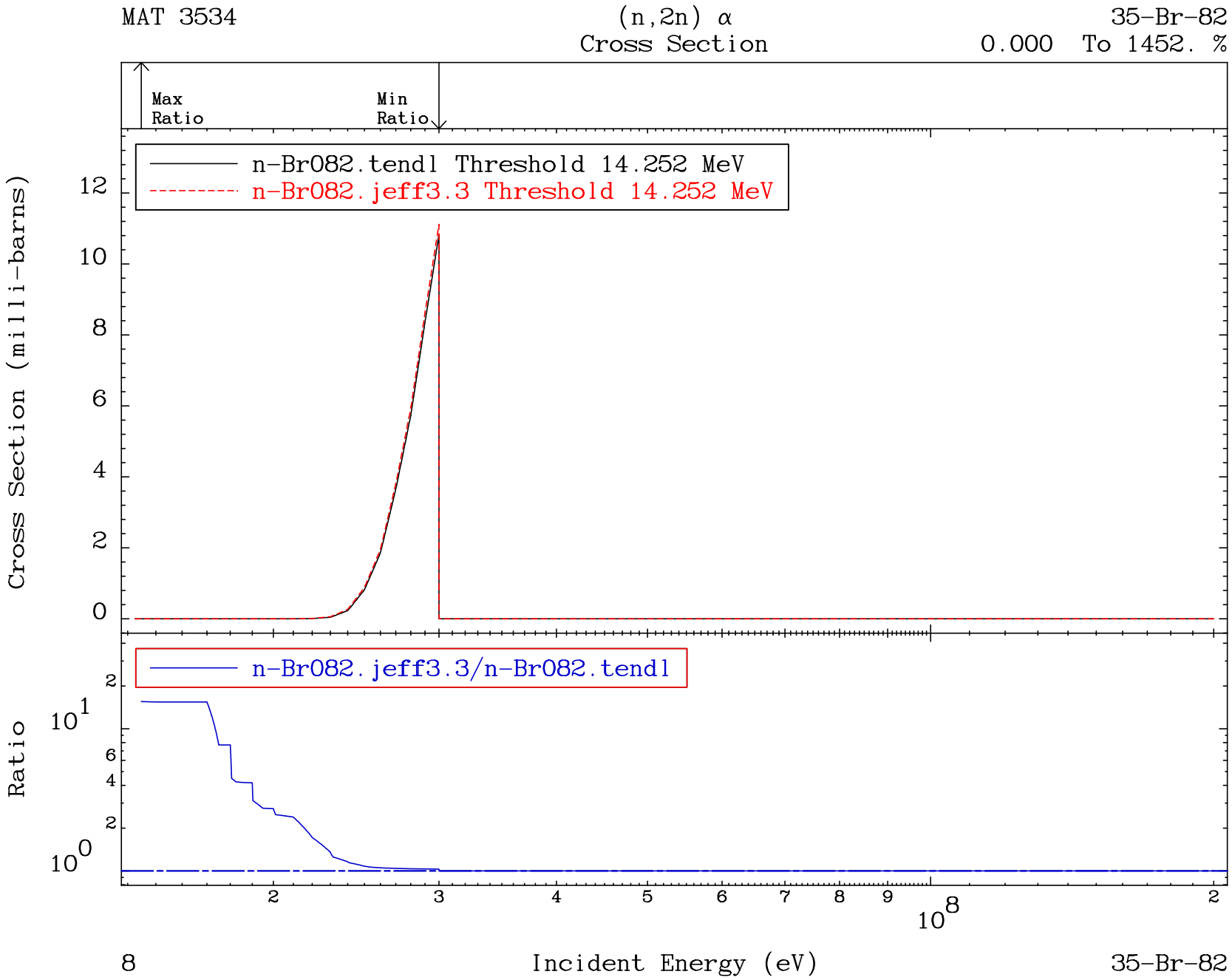

MAT 3534
Inelastic
Cross Section
35-Br-82
-0.071 To 0.000 %
Max
Ratio
Min
Ratio
n-Br082.tendl Threshold 46.515 keV
n-Br082.jeff3.3 Threshold 46.515 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
3
Incident Energy (eV)
35-Br-82

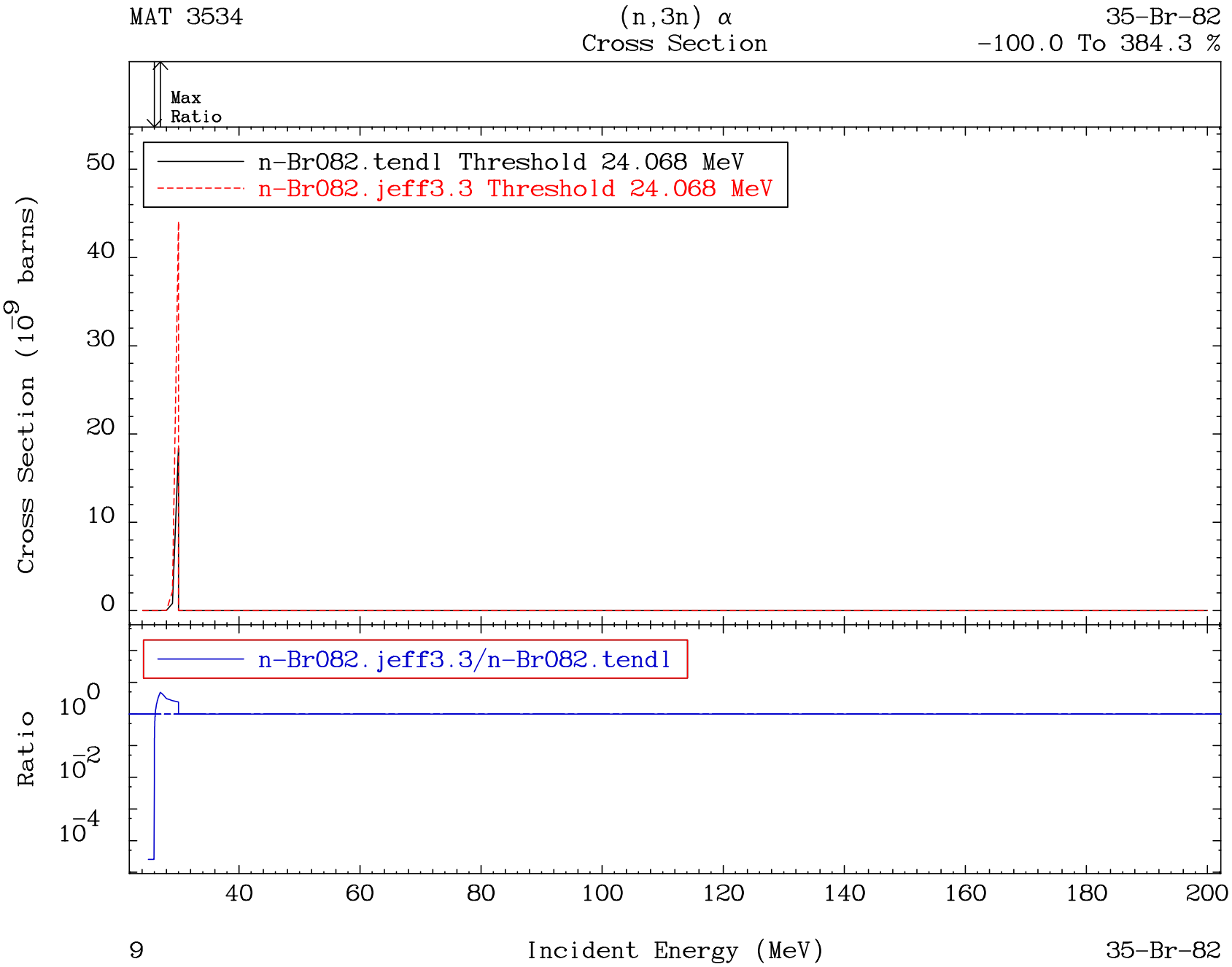

MAT 3534
(n,2n) d
Cross Section
35-Br-82
0.000 To 5.413 %
Min
Ratio
n-Br082.tendl Threshold 23.069 MeV
n-Br082.jeff3.3 Threshold 23.069 MeV
Cross Section (micro-barns)
600
500
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.06
1.04
1.02
1.00
40
60
80
100
120
140
160
180
200
4
Incident Energy (MeV)
35-Br-82

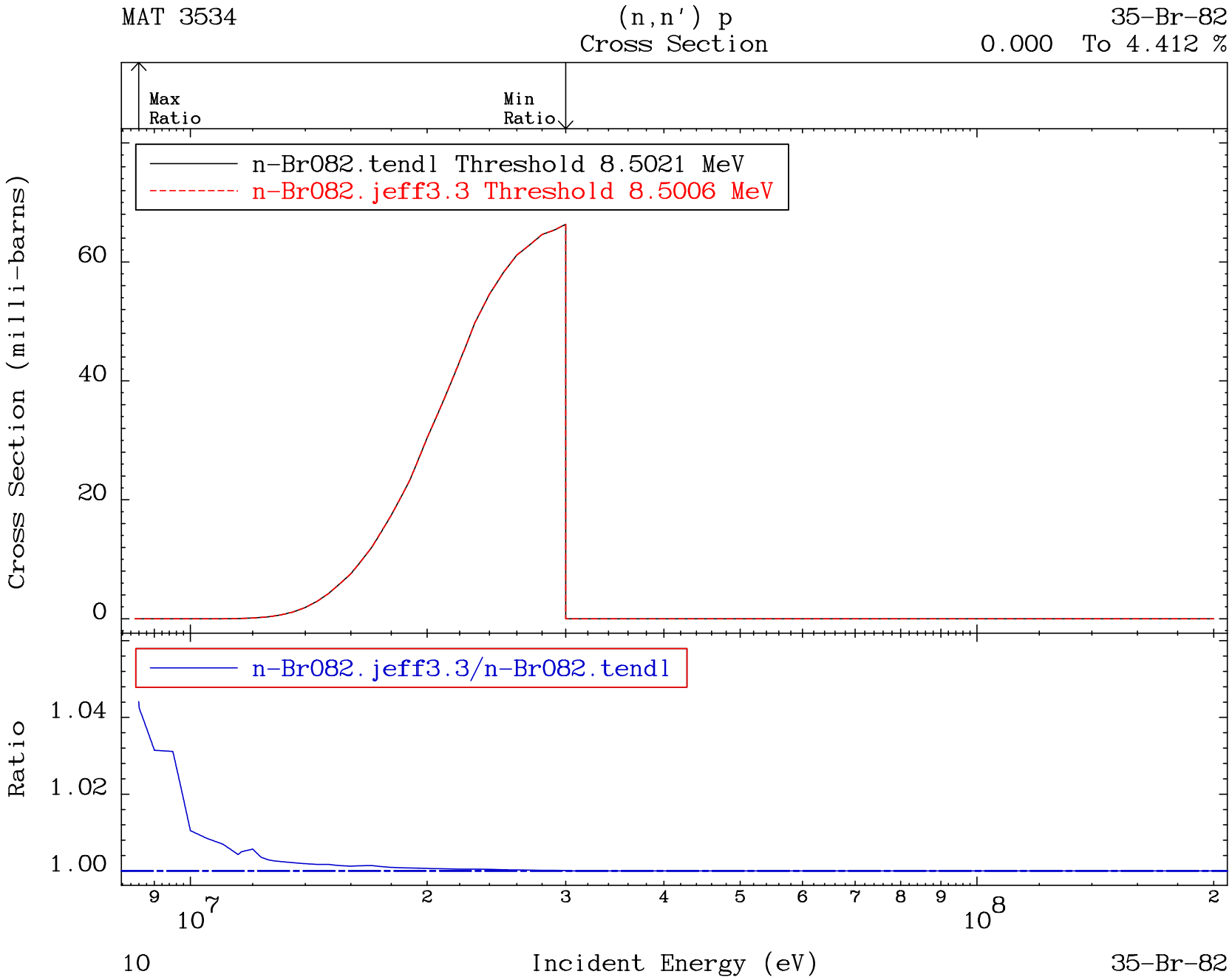

MAT 3534
(n,2n)
Cross Section
35-Br-82
-0.050 To 0.022 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 7.6864 MeV
n-Br082.jeff3.3 Threshold 7.6864 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
5
Incident Energy (eV)
35-Br-82

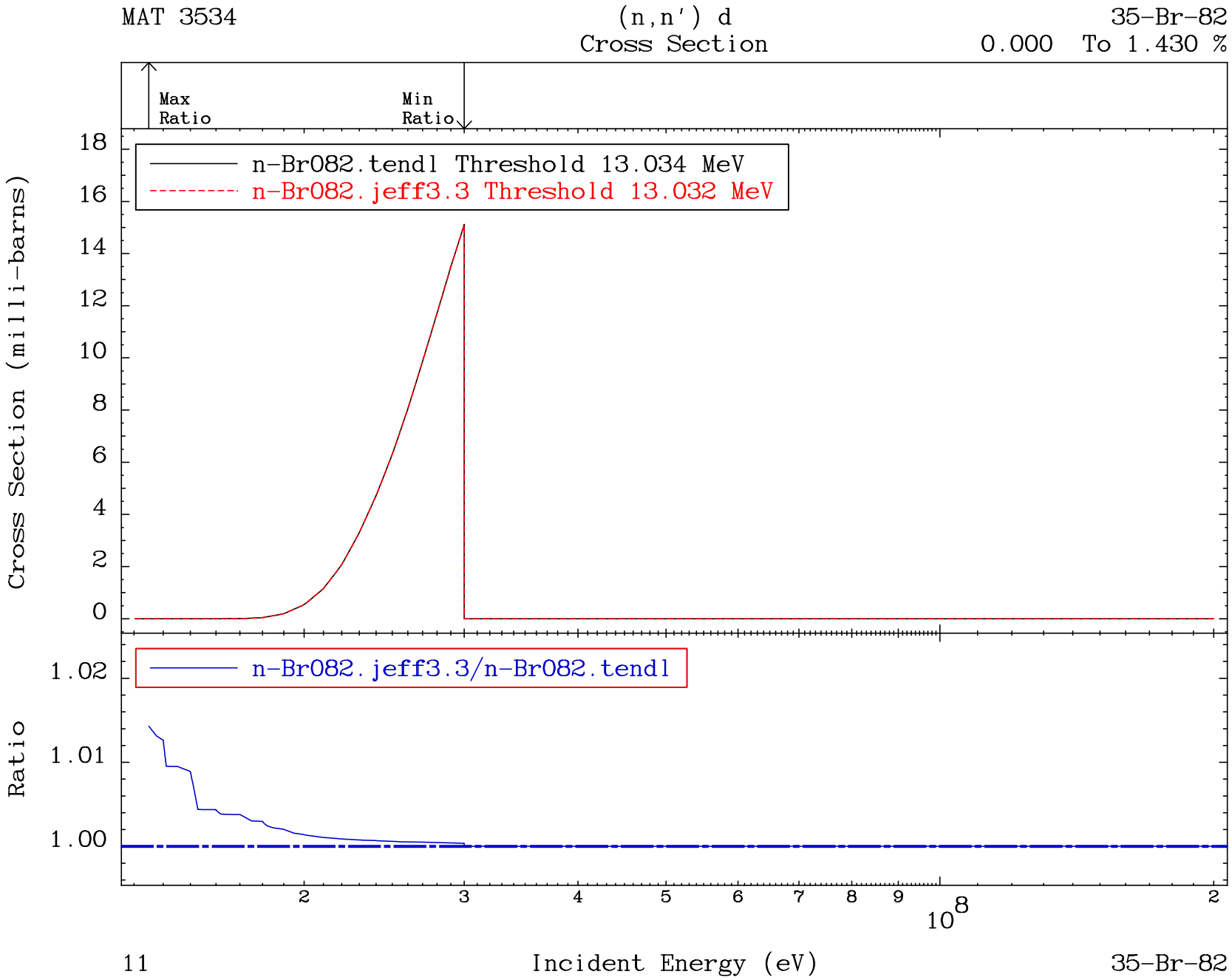

MAT 3534
(n,3n)
Cross Section
35-Br-82
0.000 To 7.821 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 17.971 MeV
n-Br082.jeff3.3 Threshold 17.971 MeV
Cross Section (milli-barns)
800
600
400
200
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.10
1.05
1.00
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
35-Br-82

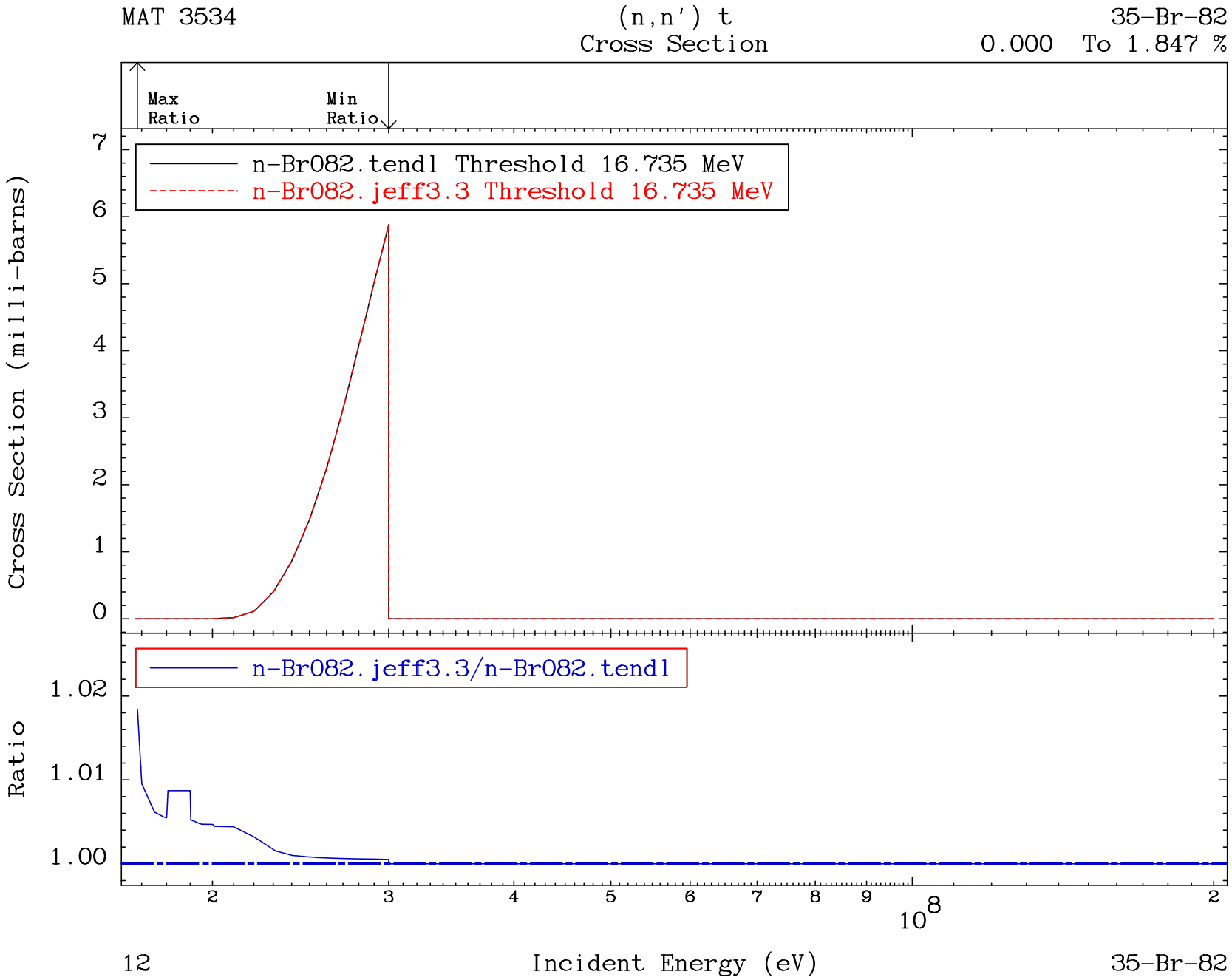

MAT 3534
(n,n') α
Cross Section
35-Br-82
-98.59 To 2831. %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 7.1941 MeV
n-Br082.jeff3.3 Threshold 7.1927 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^2
10^0
10^-2
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
7
Incident Energy (eV)
35-Br-82

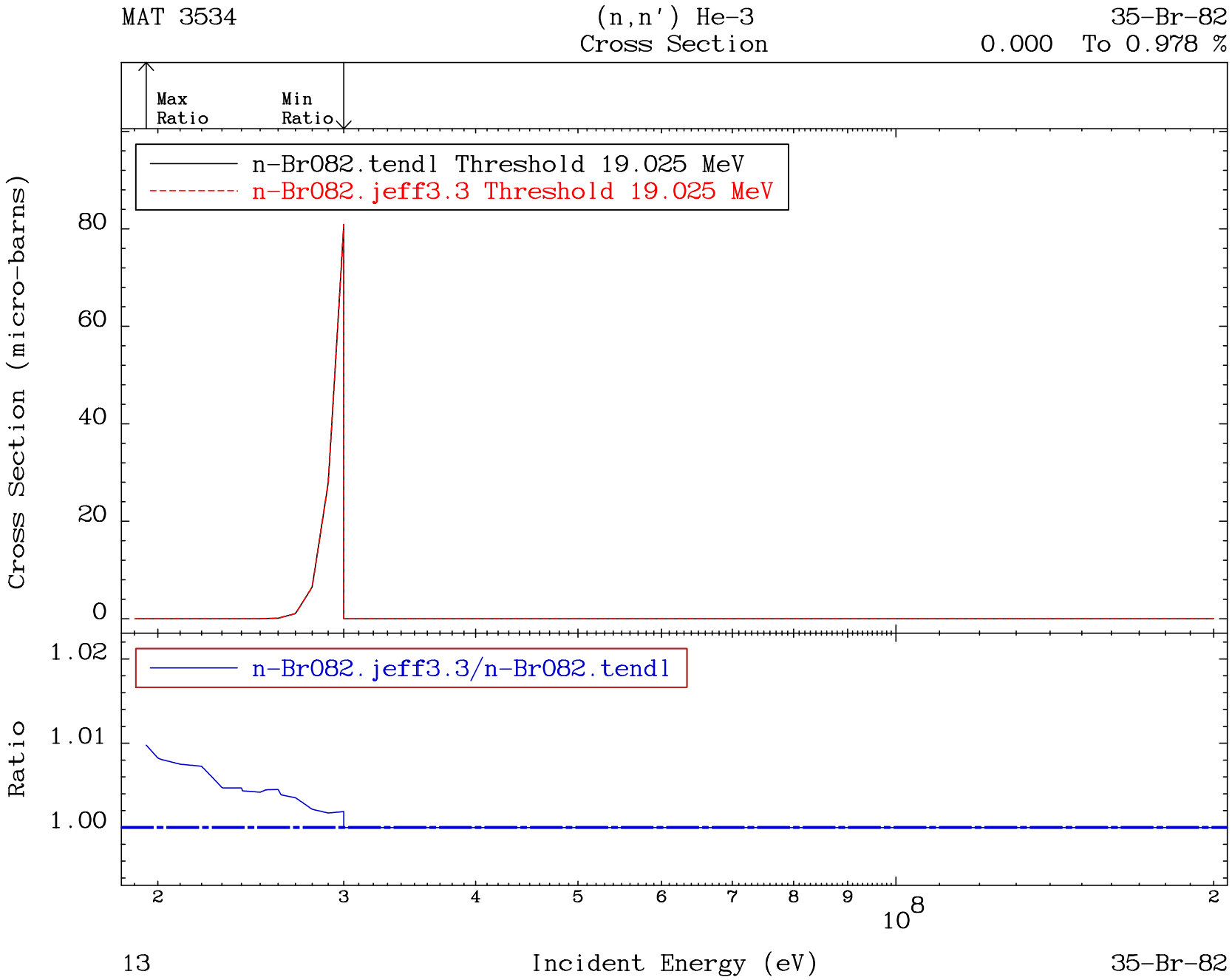

MAT 3534
(n,2n) α
Cross Section
35-Br-82
0.000 To 1452. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 14.252 MeV
n-Br082.jeff3.3 Threshold 14.252 MeV
Cross Section (milli-barns)
0
2
4
6
8
10
12
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^0
10^1
2
4
6
2
3
4
5
6
7
8
9
10^8
2
8
Incident Energy (eV)
35-Br-82

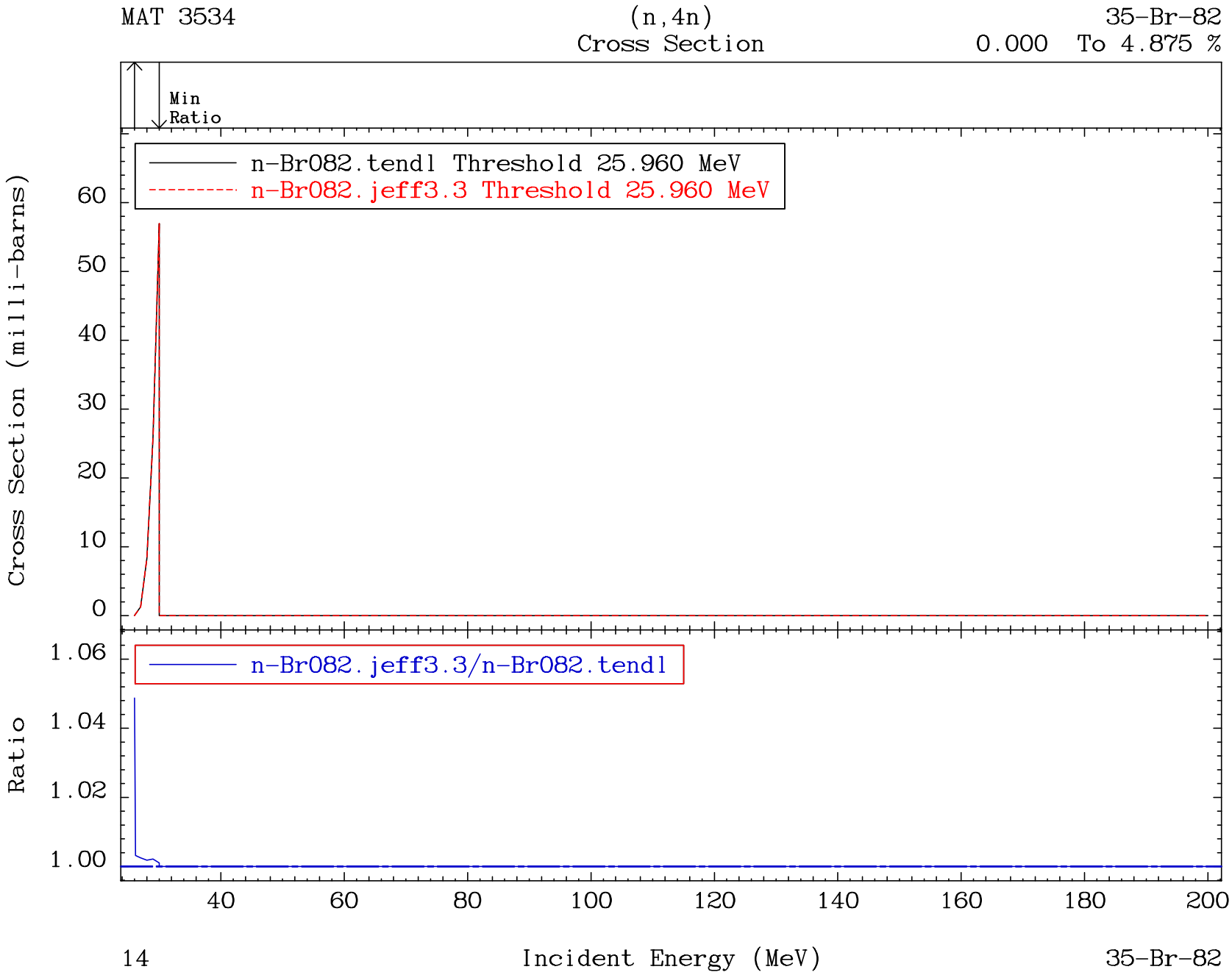

MAT 3534
(n,3n) α
Cross Section
35-Br-82
-100.0 To 384.3 %
Max
Ratio
n-Br082.tendl Threshold 24.068 MeV
n-Br082.jeff3.3 Threshold 24.068 MeV
Cross Section (10^-9 barns)
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^0
10^-2
10^-4
40
60
80
100
120
140
160
180
200
9
Incident Energy (MeV)
35-Br-82

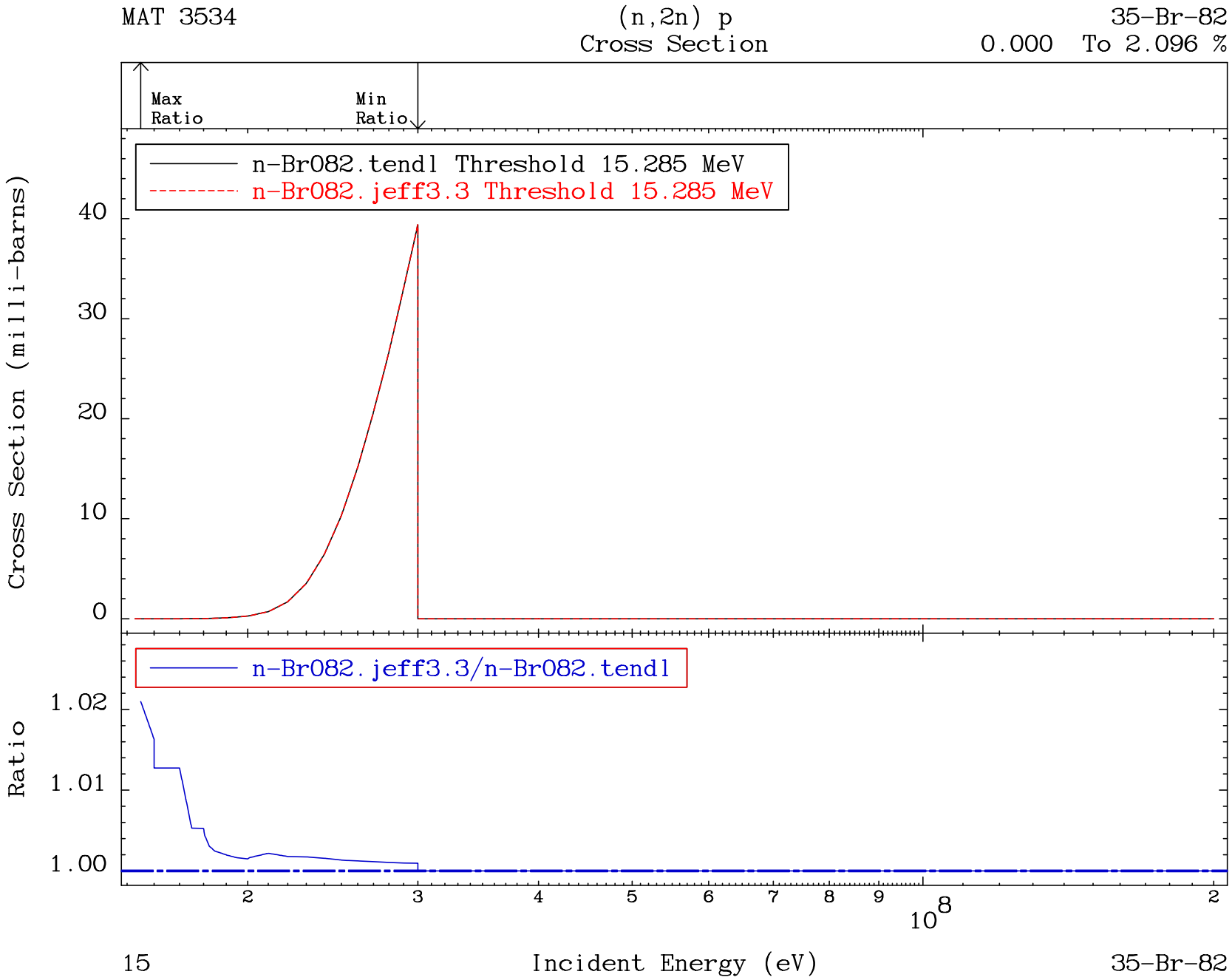

MAT 3534
(n,n') p
Cross Section
35-Br-82
0.000 To 4.412 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 8.5021 MeV
n-Br082.jeff3.3 Threshold 8.5006 MeV
Cross Section (milli-barns)
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.04
1.02
1.00
9
10^7
2
3
4
5
6
7
8
9
10^8
2
10
Incident Energy (eV)
35-Br-82

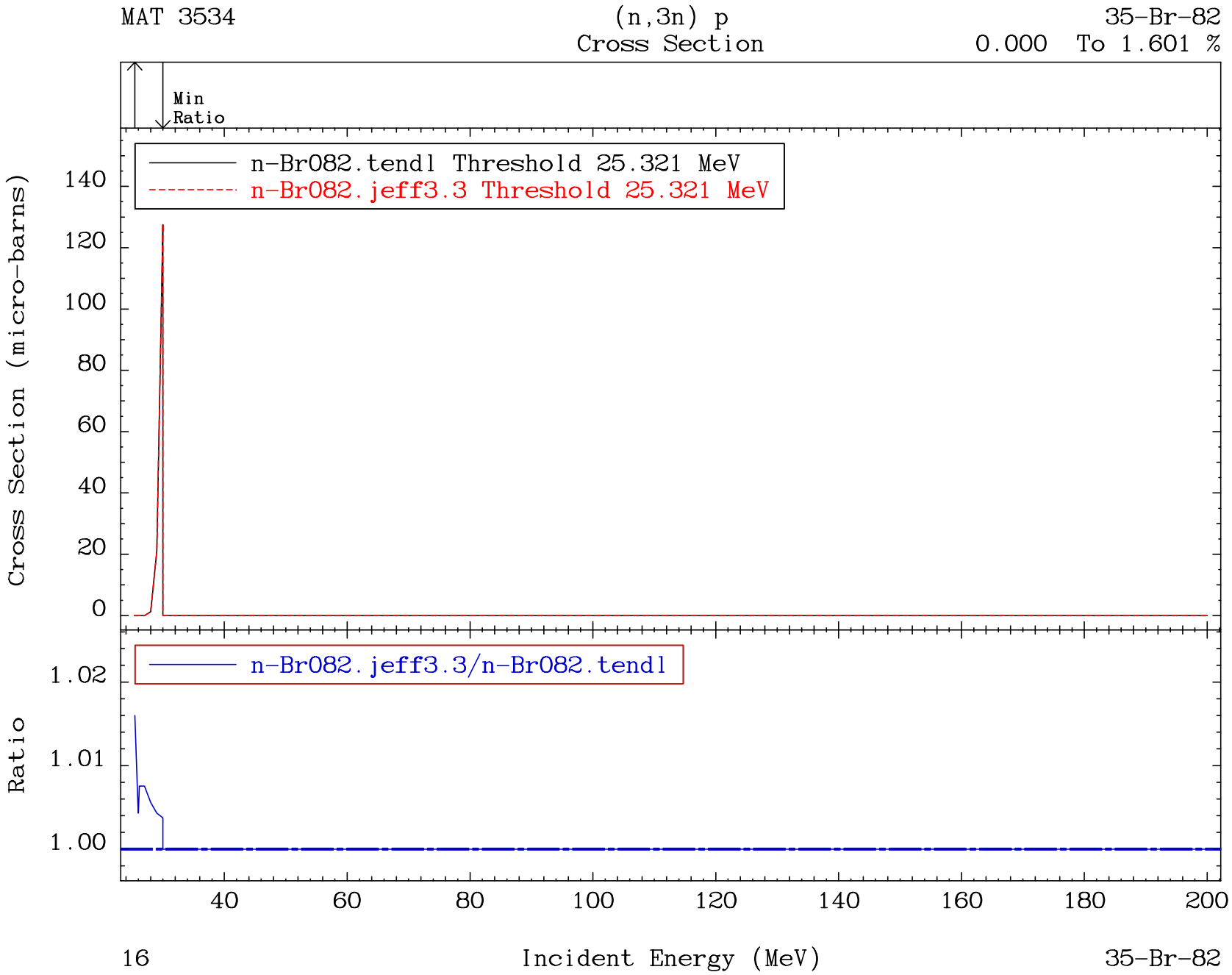

MAT 3534
(n,n') d
Cross Section
35-Br-82
0.000 To 1.430 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 13.034 MeV
n-Br082.jeff3.3 Threshold 13.032 MeV
Cross Section (milli-barns)
18
16
14
12
10
8
6
4
2
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
11
Incident Energy (eV)
35-Br-82

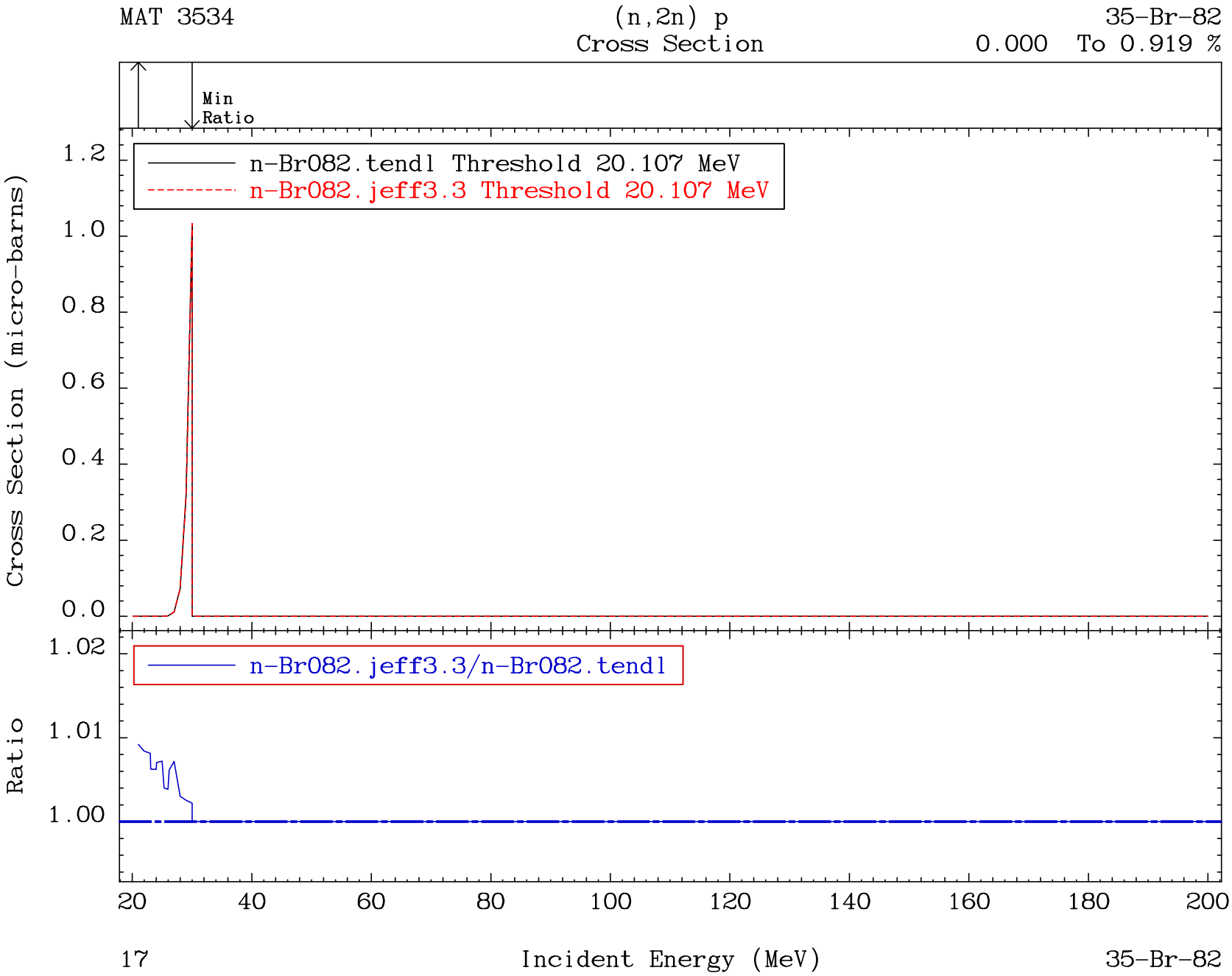

MAT 3534
(n,n') t
Cross Section
35-Br-82
0.000 To 1.847 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 16.735 MeV
n-Br082.jeff3.3 Threshold 16.735 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
7
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.00
1.01
1.02
2
3
4
5
6
7
8
9
10^8
2
12
Incident Energy (eV)
35-Br-82

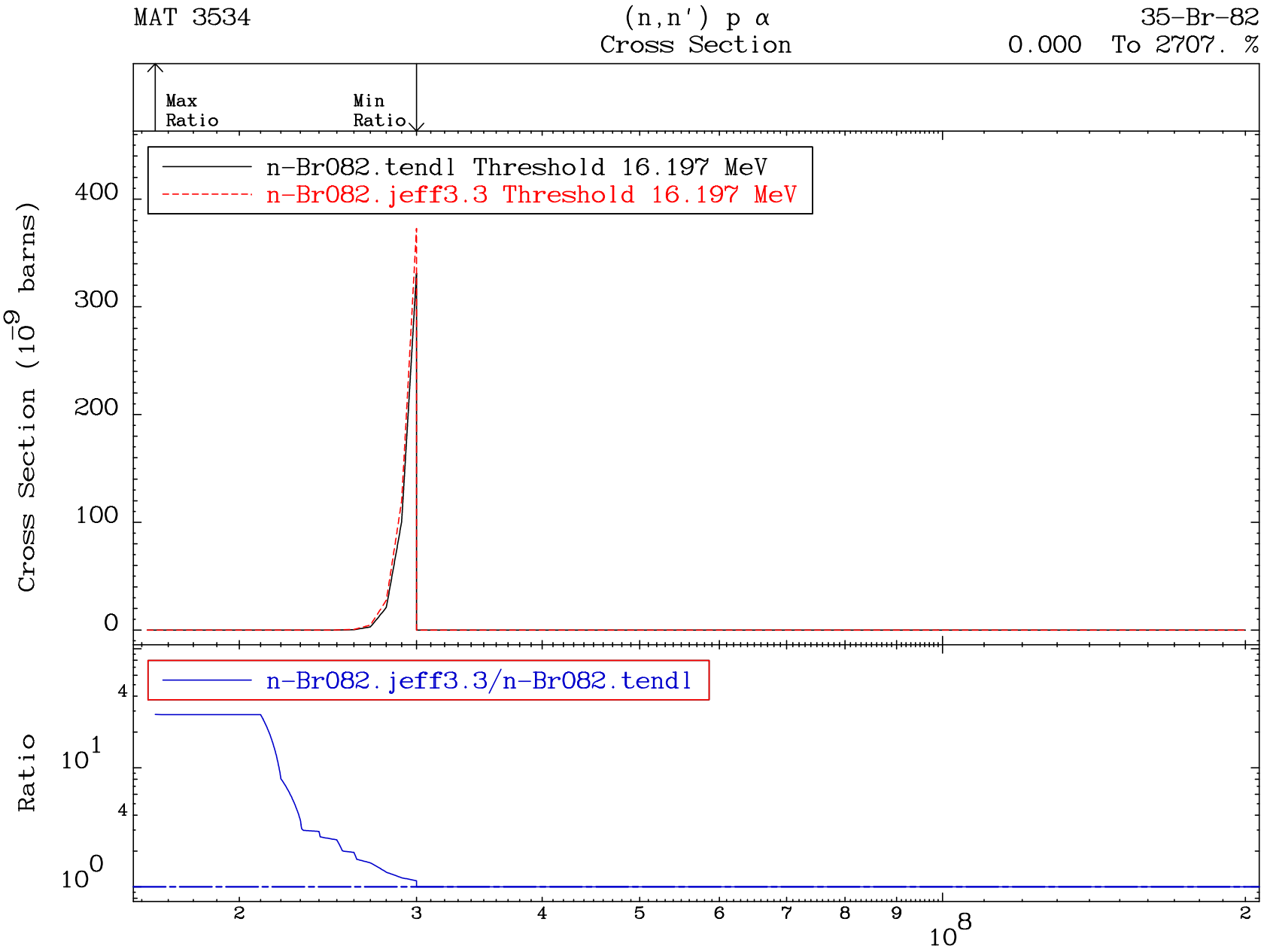

MAT 3534
(n,n') He-3
Cross Section
35-Br-82
0.000 To 0.978 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 19.025 MeV
n-Br082.jeff3.3 Threshold 19.025 MeV
Cross Section (micro-barns)
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
13
Incident Energy (eV)
35-Br-82

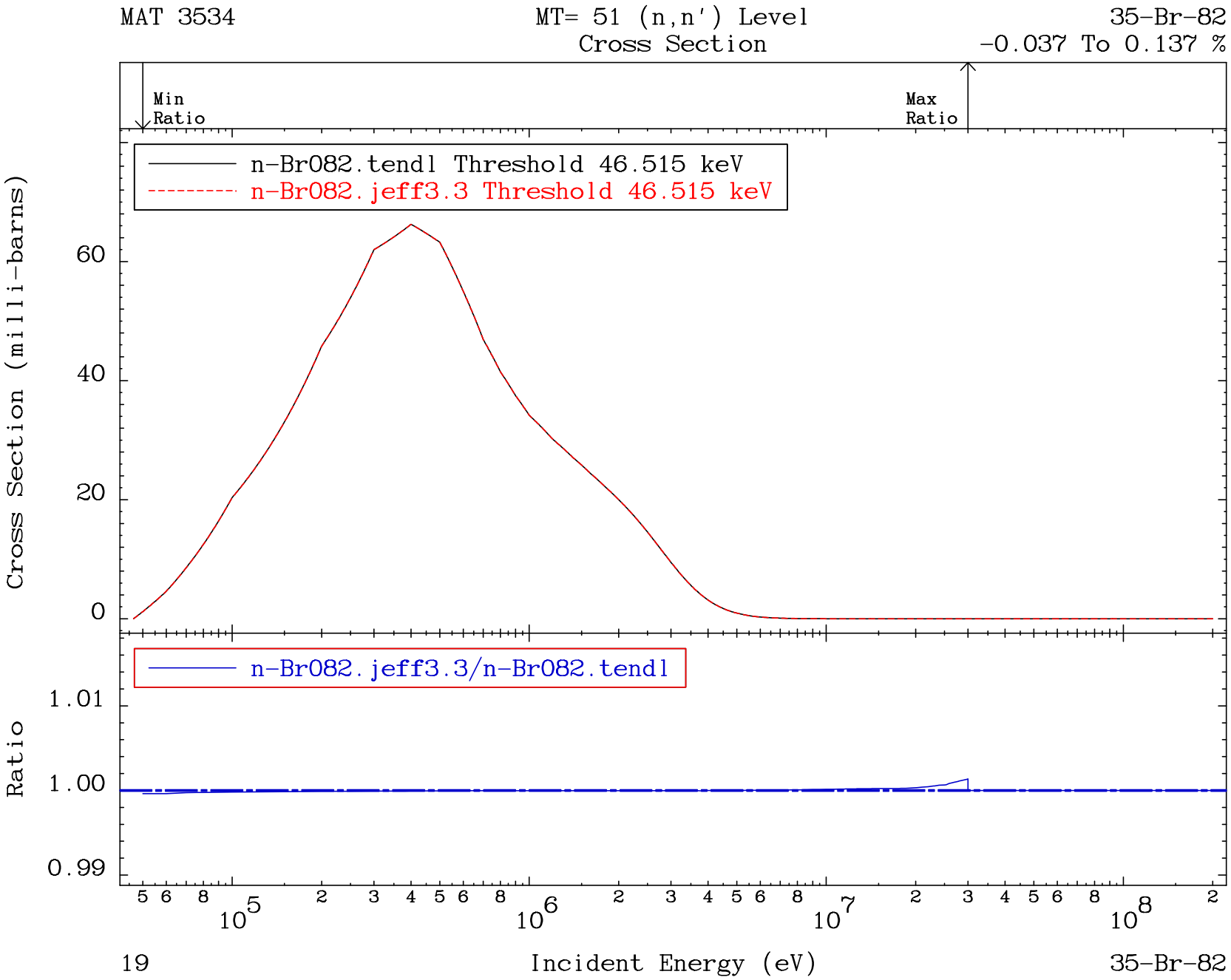

MAT 3534
(n,4n)
Cross Section
35-Br-82
0.000 To 4.875 %
Min
Ratio
n-Br082.tendl Threshold 25.960 MeV
n-Br082.jeff3.3 Threshold 25.960 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.06
1.04
1.02
1.00
40
60
80
100
120
140
160
180
200
14
Incident Energy (MeV)
35-Br-82

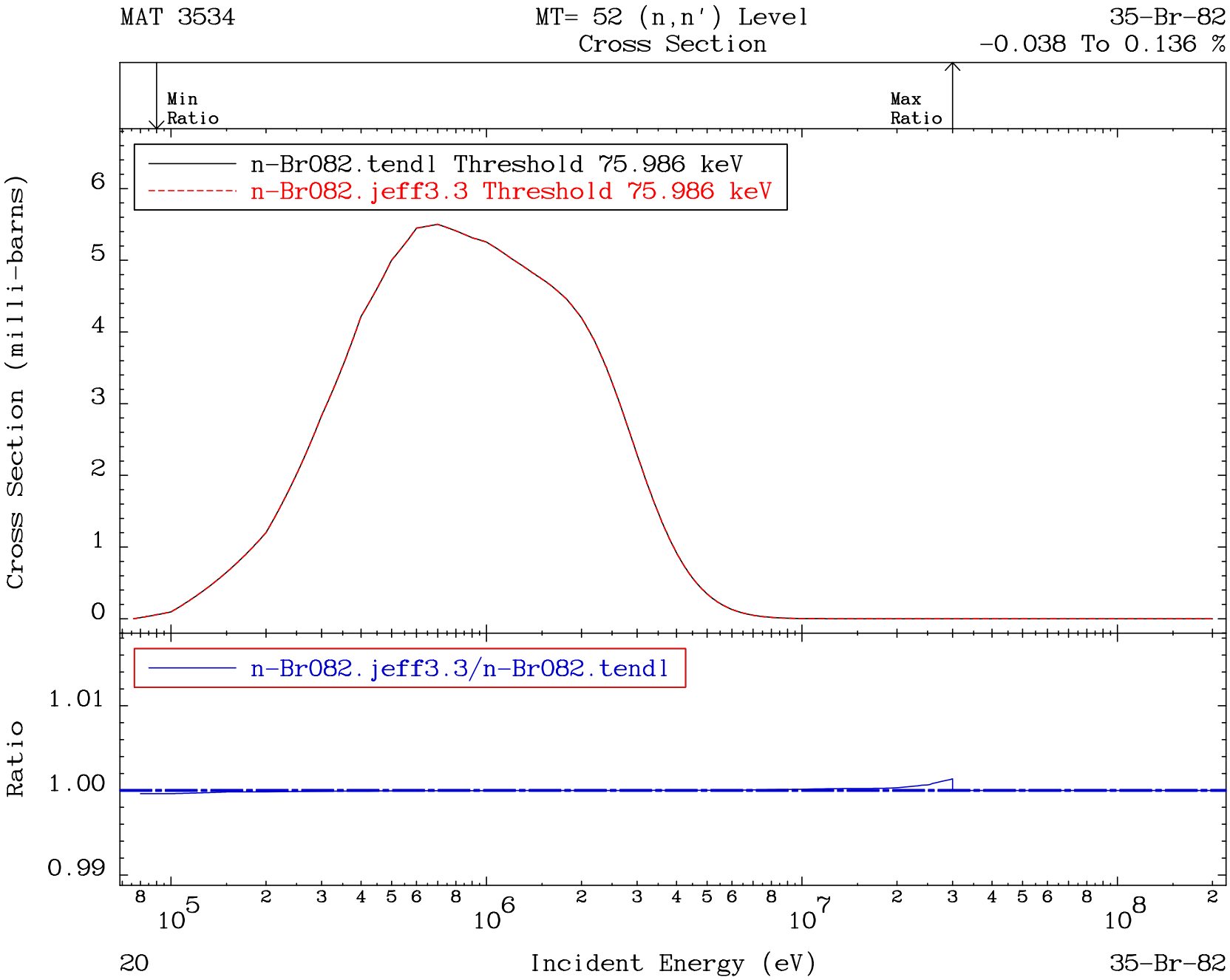

MAT 3534
(n,2n) p
Cross Section
35-Br-82
0.000 To 2.096 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 15.285 MeV
n-Br082.jeff3.3 Threshold 15.285 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
15
Incident Energy (eV)
35-Br-82

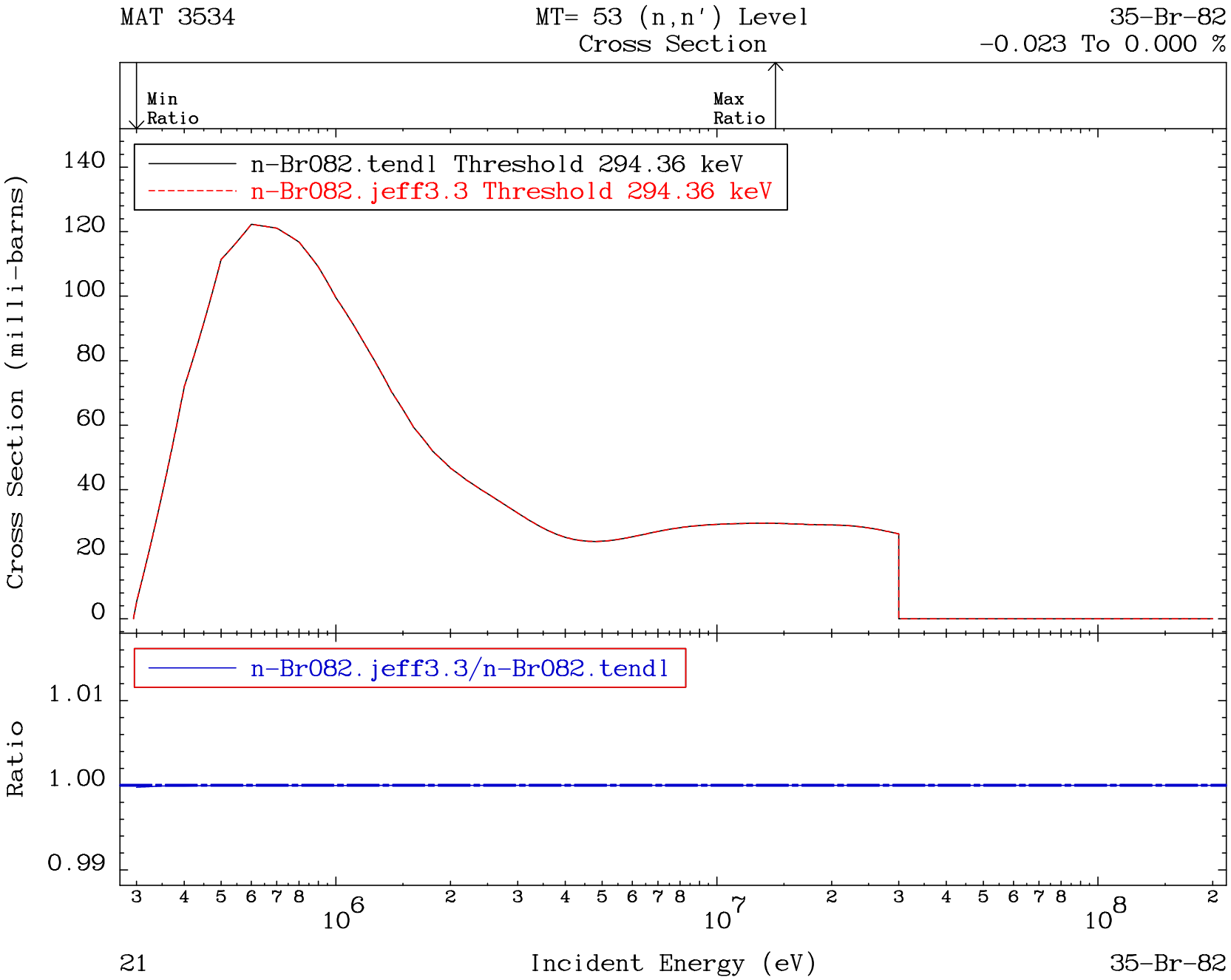

MAT 3534
(n,3n) p
Cross Section
35-Br-82
0.000 To 1.601 %
Min
Ratio
n-Br082.tendl Threshold 25.321 MeV
n-Br082.jeff3.3 Threshold 25.321 MeV
Cross Section (micro-barns)
140
120
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
40
60
80
100
120
140
160
180
200
16
Incident Energy (MeV)
35-Br-82

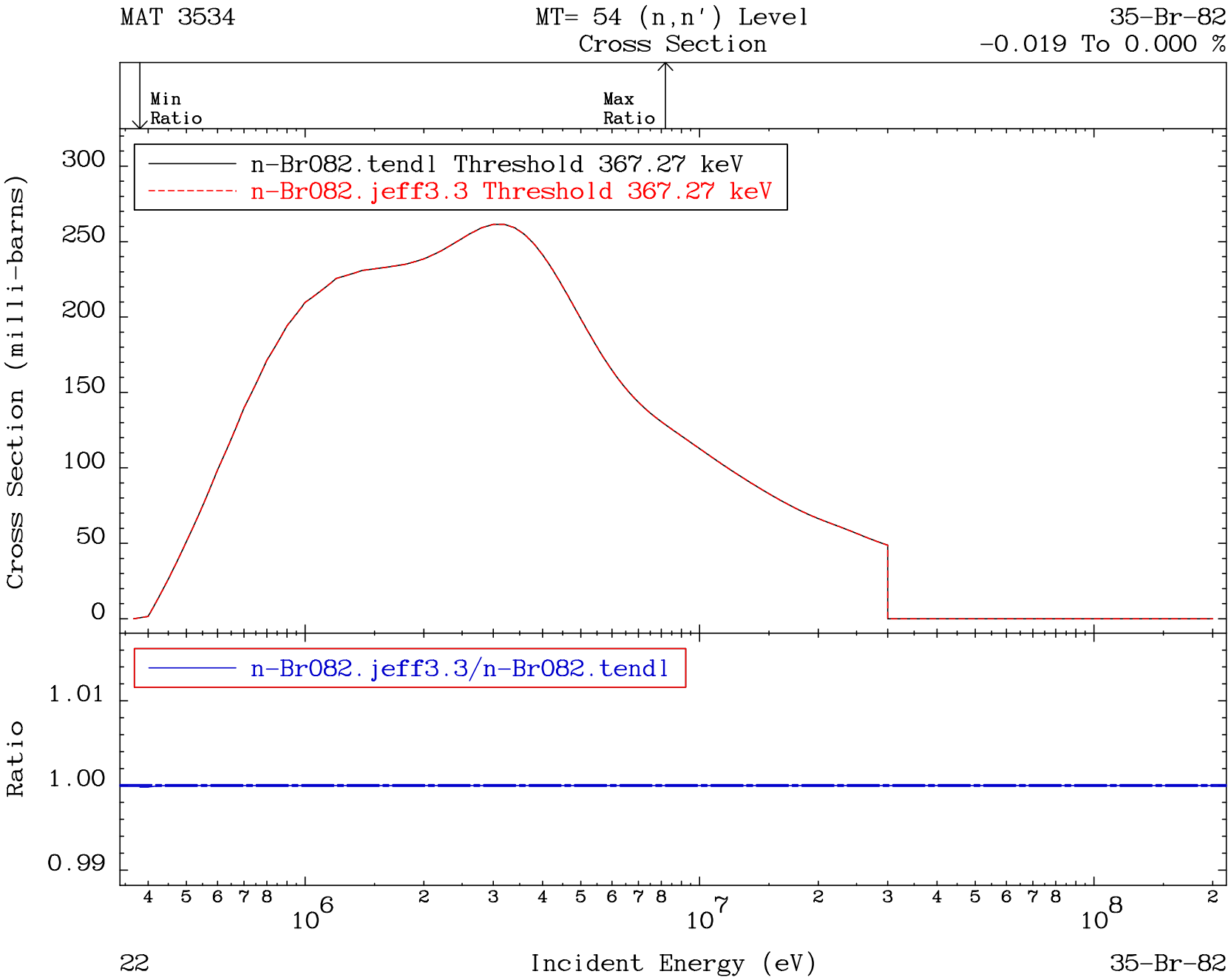

MAT 3534
(n,2n) p
Cross Section
35-Br-82
0.000 To 0.919 %
Min
Ratio
n-Br082.tendl Threshold 20.107 MeV
n-Br082.jeff3.3 Threshold 20.107 MeV
Cross Section (micro-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
20
40
60
80
100
120
140
160
180
200
17
Incident Energy (MeV)
35-Br-82

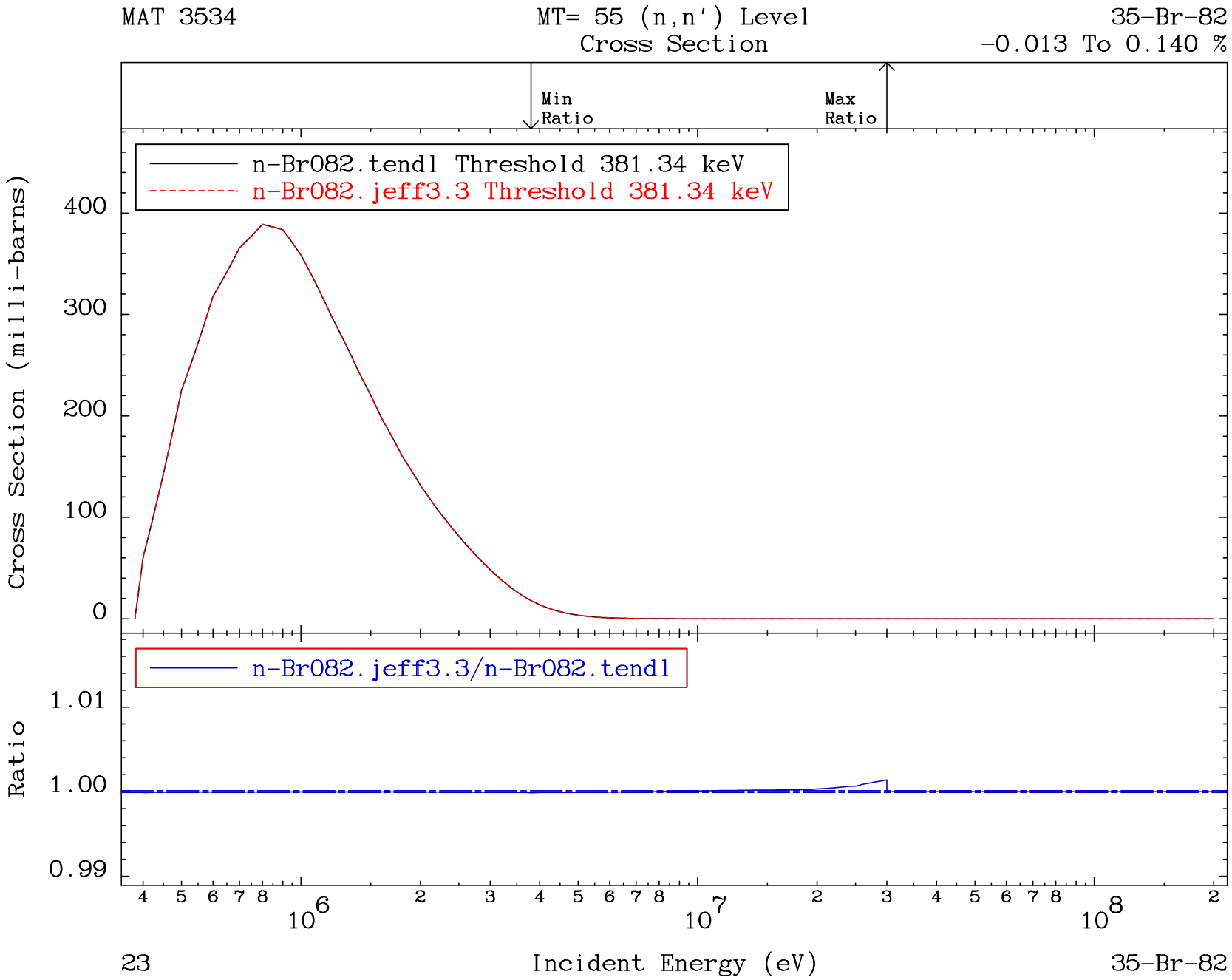

MAT 3534
(n,n') p α
Cross Section
35-Br-82
0.000 To 2707. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 16.197 MeV
n-Br082.jeff3.3 Threshold 16.197 MeV
Cross Section (10^-9 barns)
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
4
10^1
4
10^0
2
3
4
5
6
7
8
9
10^8
2
18
Incident Energy (eV)
35-Br-82

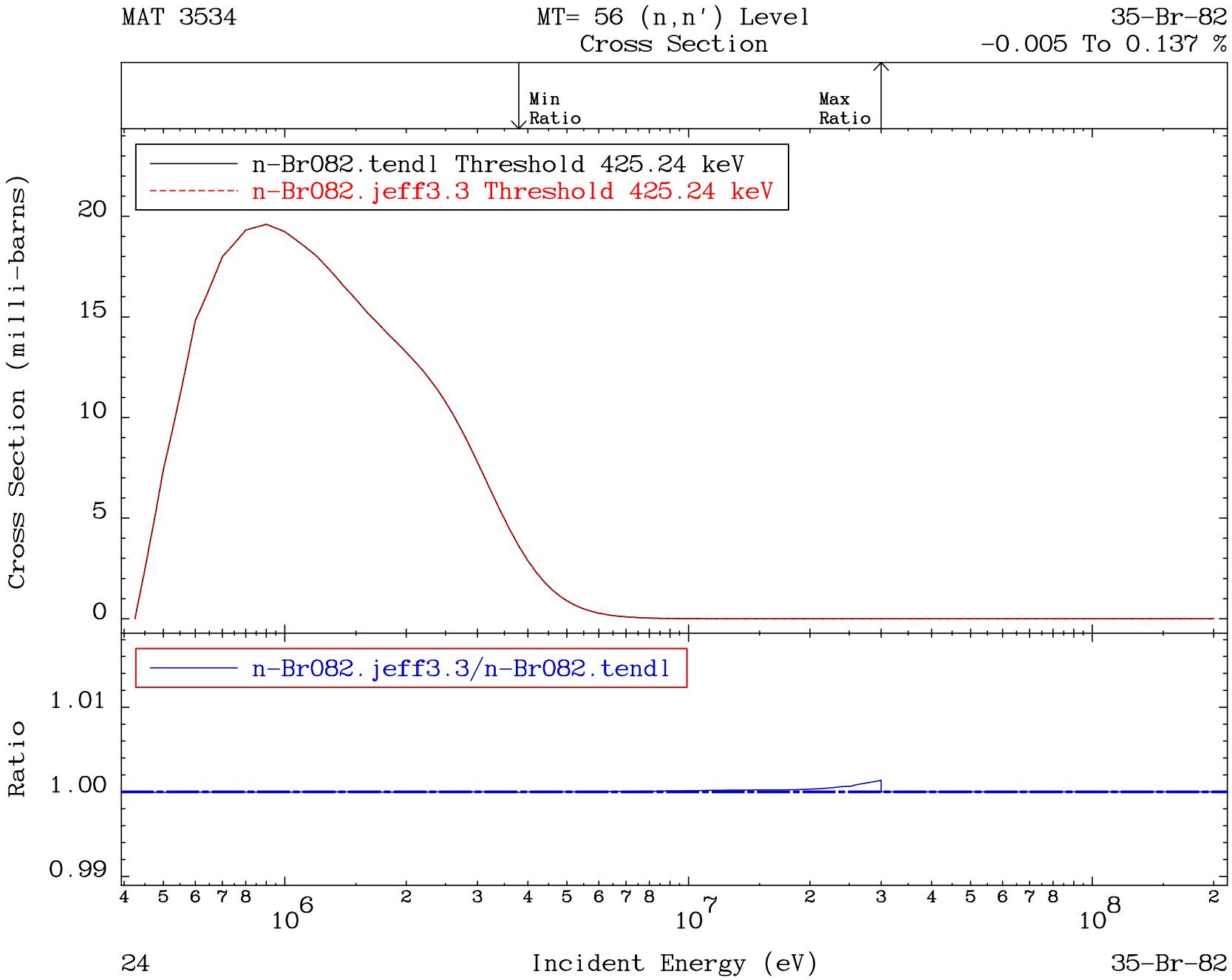

MAT 3534
MT= 51 (n,n') Level
Cross Section
35-Br-82
-0.037 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 46.515 keV
n-Br082.jeff3.3 Threshold 46.515 keV
Cross Section (milli-barns)
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
19
Incident Energy (eV)
35-Br-82

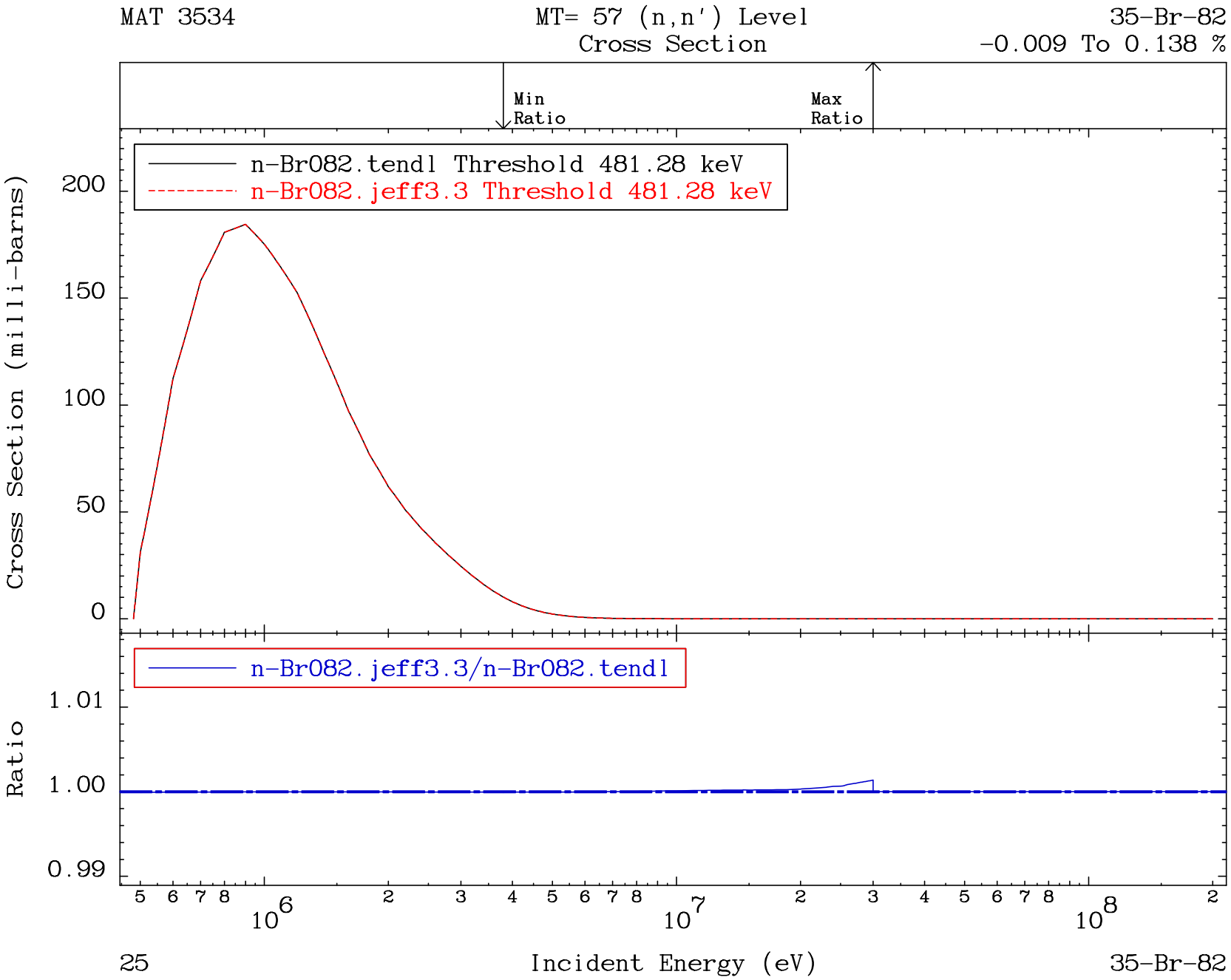

MAT 3534
MT= 52 (n,n') Level
Cross Section
35-Br-82
-0.038 To 0.136 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 75.986 keV
n-Br082.jeff3.3 Threshold 75.986 keV
Cross Section (milli-barns)
0
1
2
3
4
5
6
n-Br082.jeff3.3/n-Br082.tendl
Ratio
0.99
1.00
1.01
8
10^5
2
3
4
5
6
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
20
Incident Energy (eV)
35-Br-82

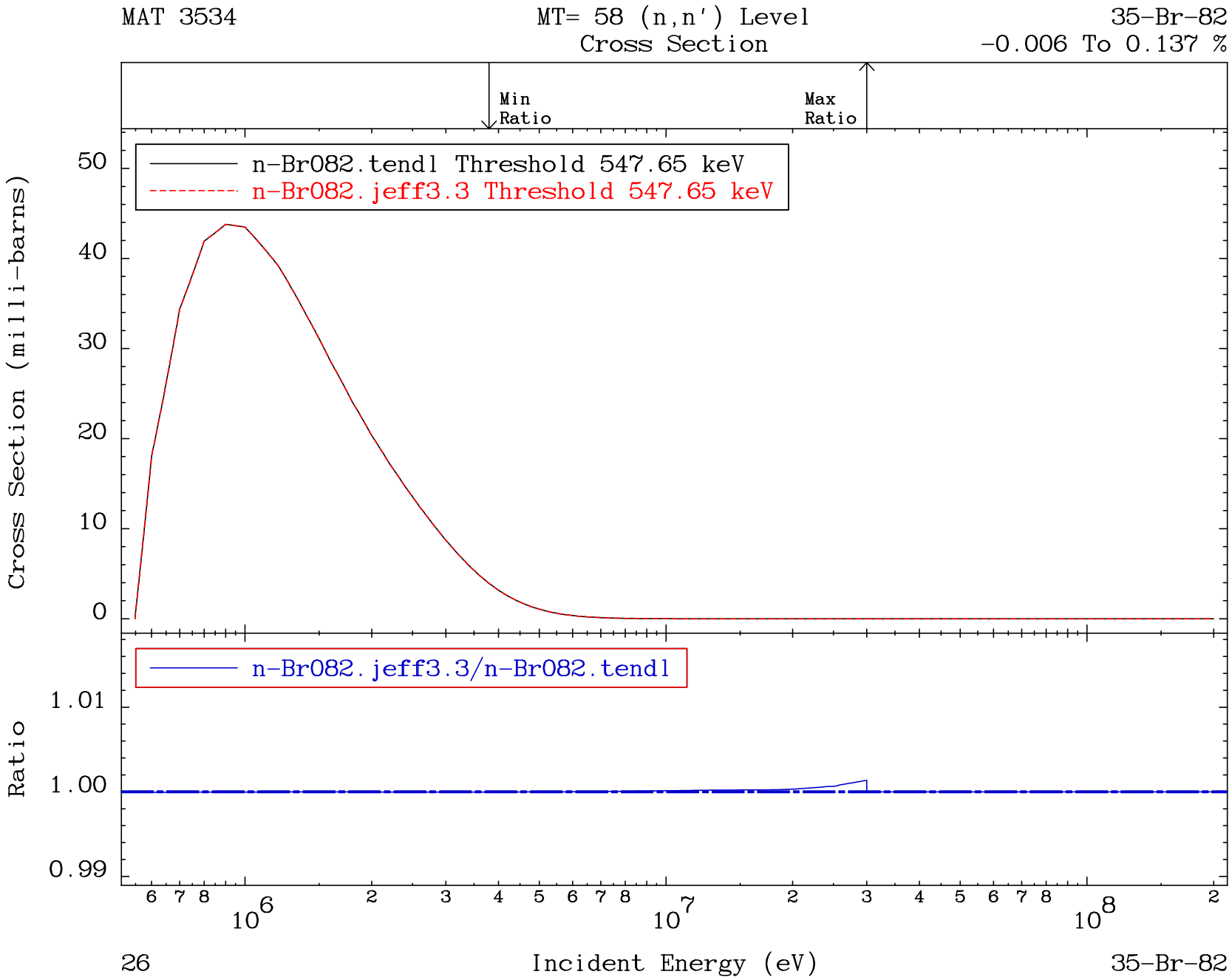

MAT 3534
MT= 53 (n,n') Level
Cross Section
35-Br-82
-0.023 To 0.000 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 294.36 keV
n-Br082.jeff3.3 Threshold 294.36 keV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
21
Incident Energy (eV)
35-Br-82

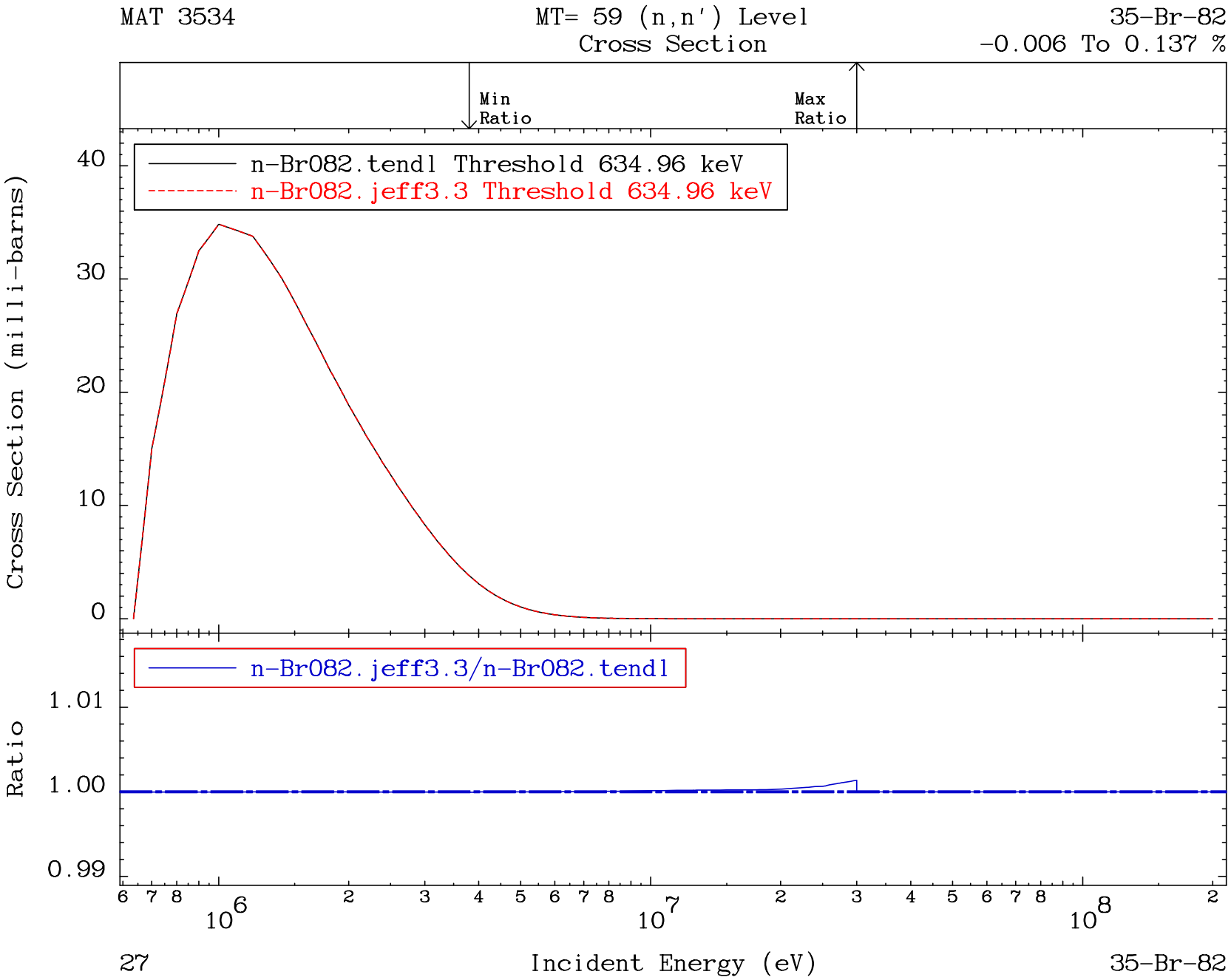

MAT 3534
MT= 54 (n,n') Level
Cross Section
35-Br-82
-0.019 To 0.000 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 367.27 keV
n-Br082.jeff3.3 Threshold 367.27 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
35-Br-82

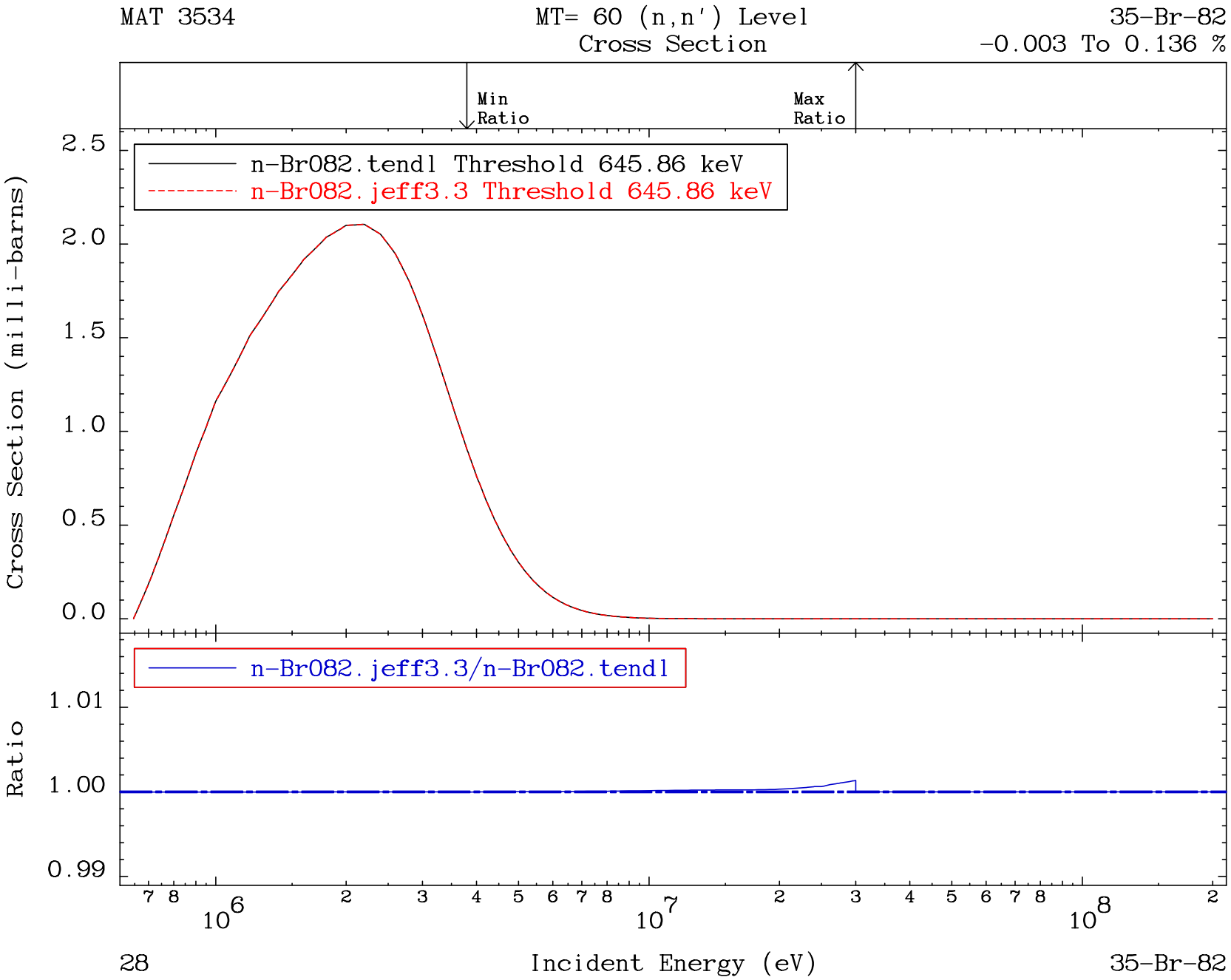

MAT 3534
MT= 55 (n,n') Level
Cross Section
35-Br-82
-0.013 To 0.140 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 381.34 keV
n-Br082.jeff3.3 Threshold 381.34 keV
Cross Section (milli-barns)
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
35-Br-82

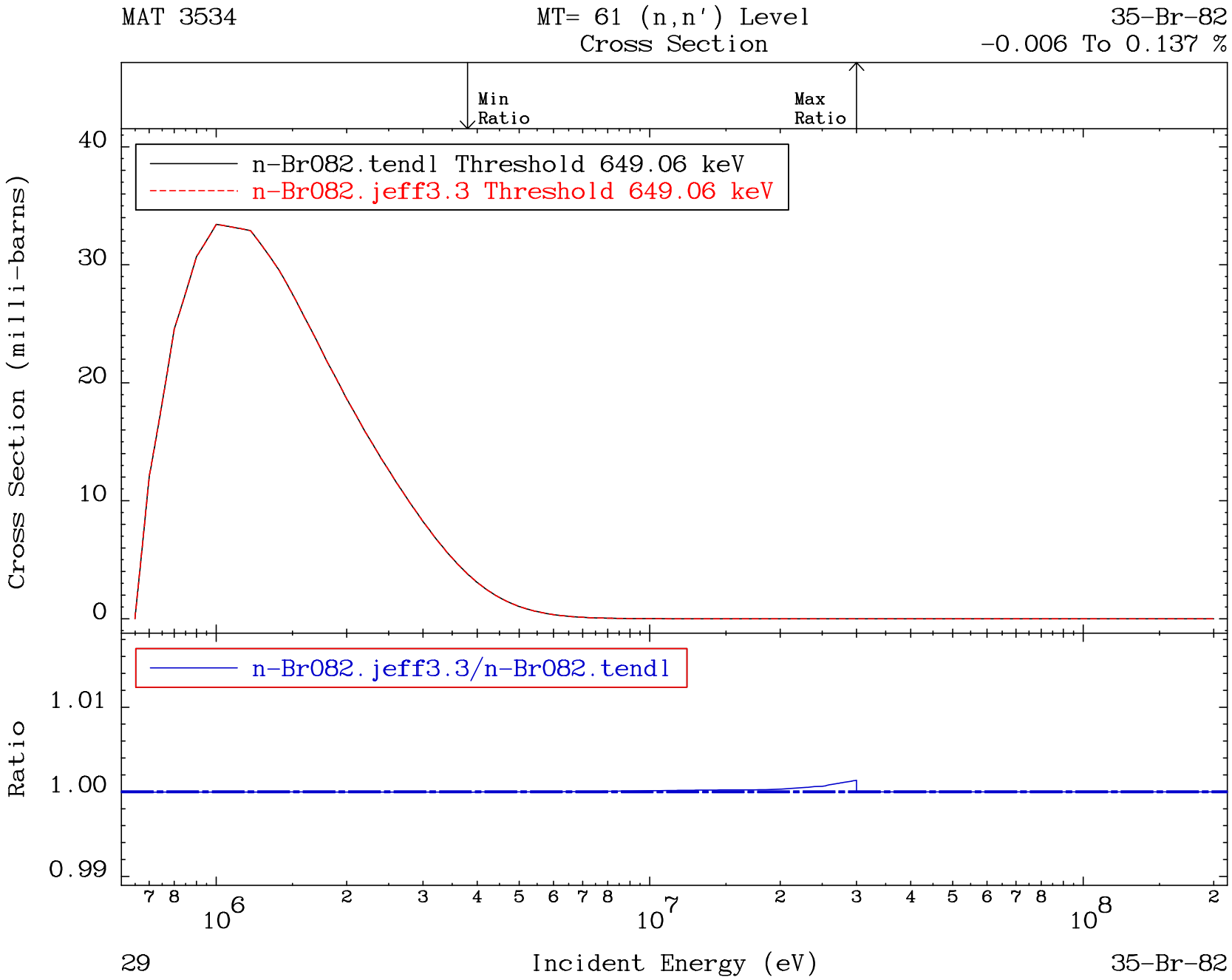

MAT 3534
MT= 56 (n,n') Level
Cross Section
35-Br-82
-0.005 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 425.24 keV
n-Br082.jeff3.3 Threshold 425.24 keV
Cross Section (milli-barns)
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
35-Br-82

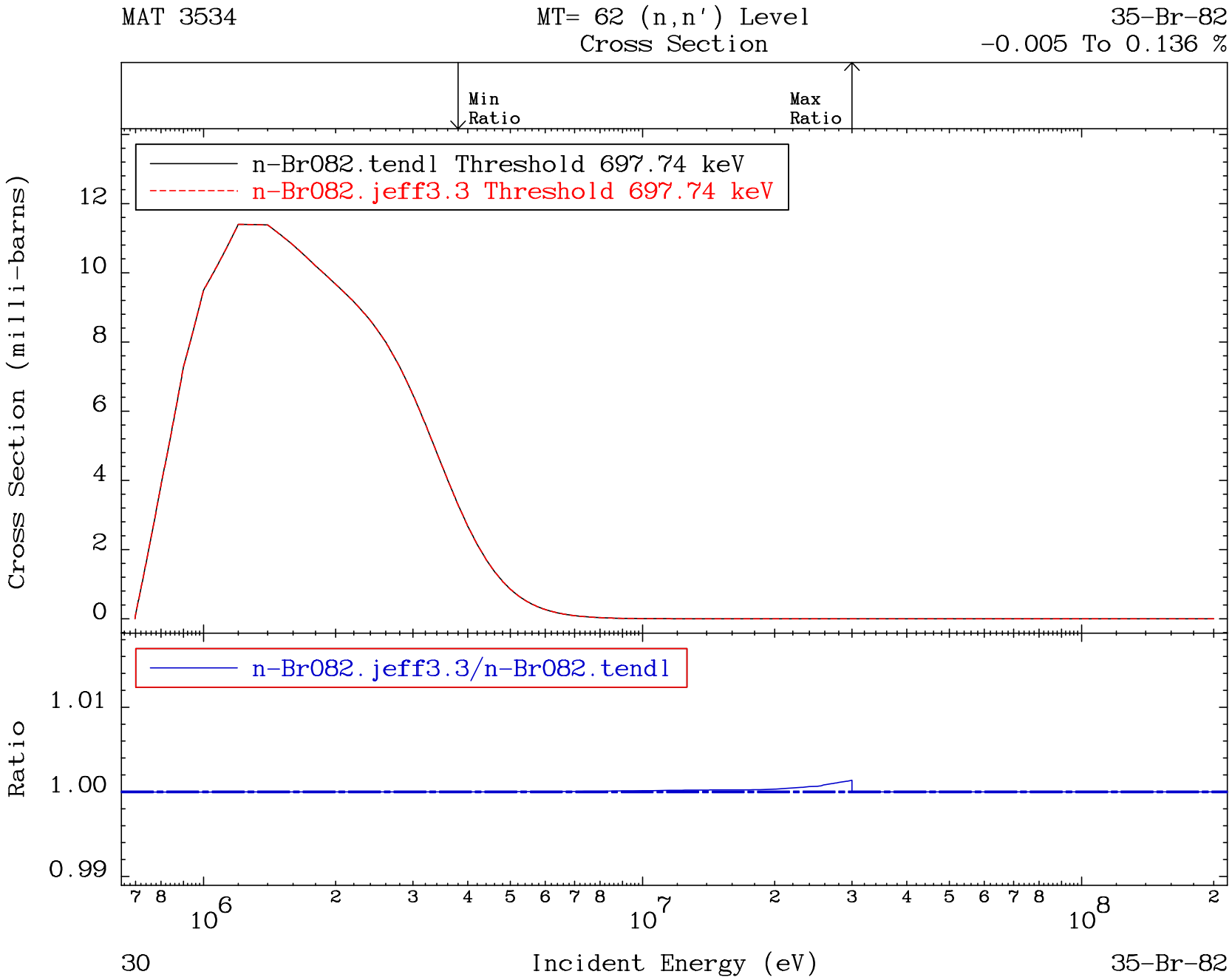

MAT 3534
MT= 57 (n,n') Level
Cross Section
35-Br-82
-0.009 To 0.138 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 481.28 keV
n-Br082.jeff3.3 Threshold 481.28 keV
Cross Section (milli-barns)
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
25
Incident Energy (eV)
35-Br-82

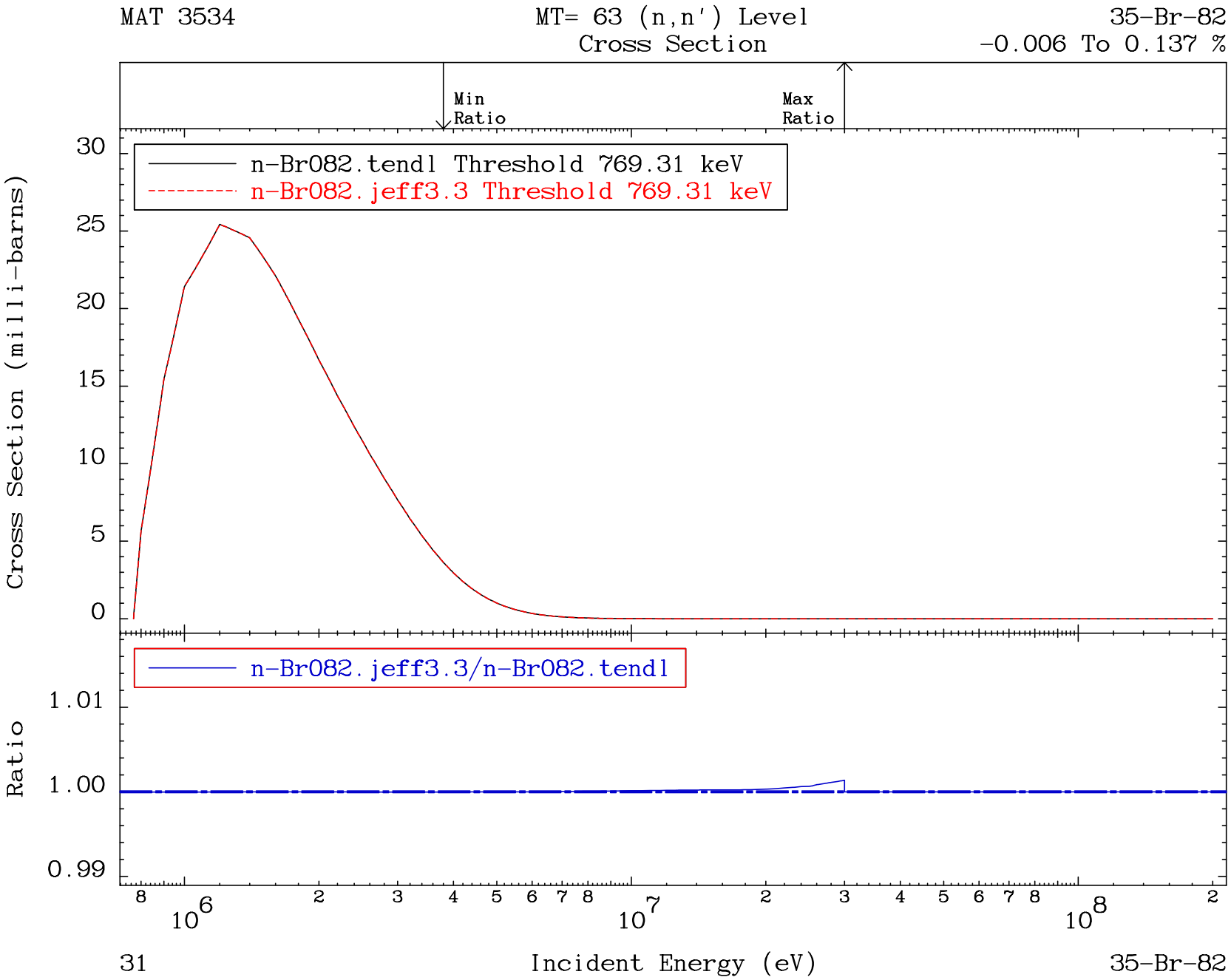

MAT 3534
MT= 58 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 547.65 keV
n-Br082.jeff3.3 Threshold 547.65 keV
Cross Section (milli-barns)
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
26
Incident Energy (eV)
35-Br-82

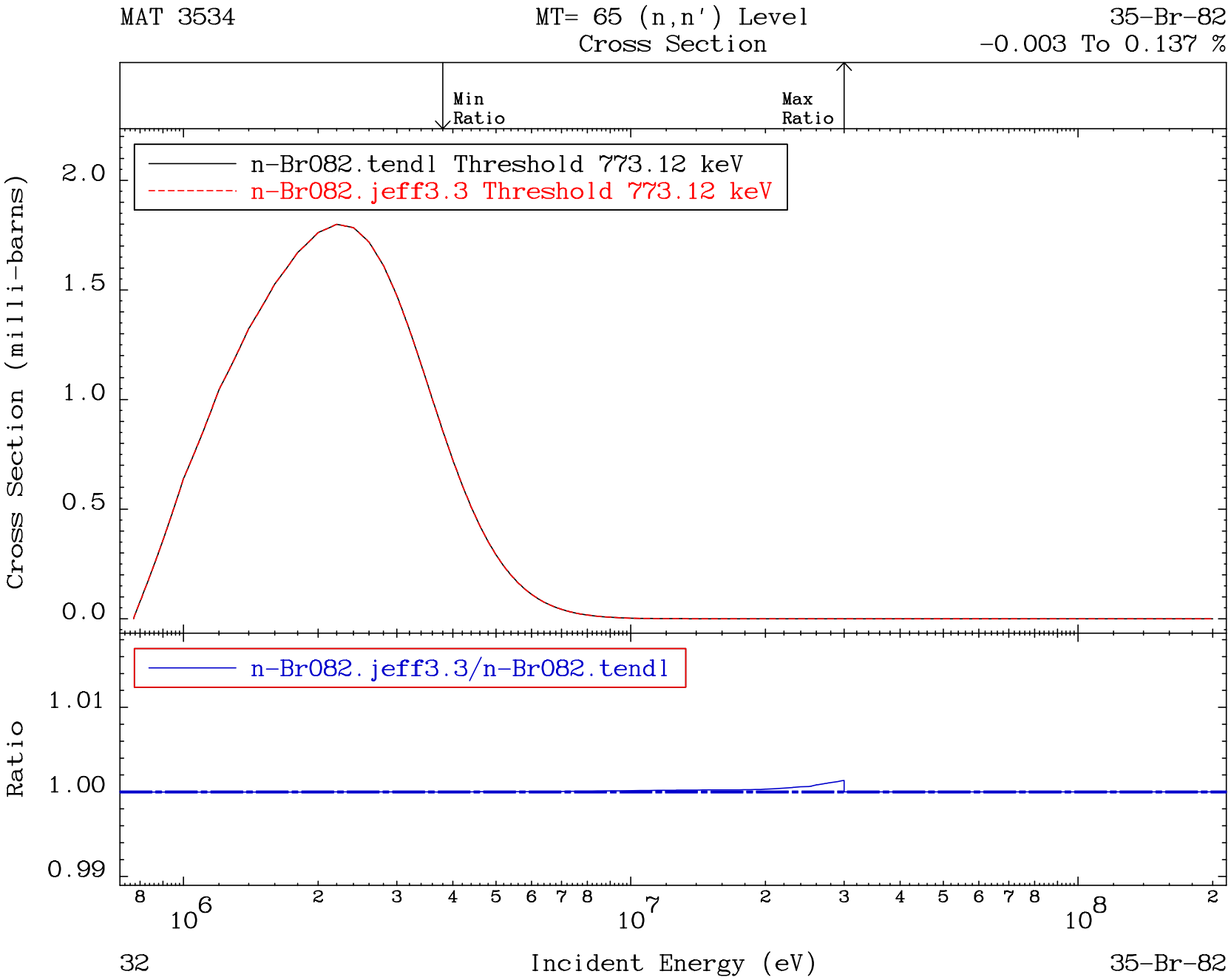

MAT 3534
MT= 59 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 634.96 keV
n-Br082.jeff3.3 Threshold 634.96 keV
Cross Section (milli-barns)
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
27
Incident Energy (eV)
35-Br-82

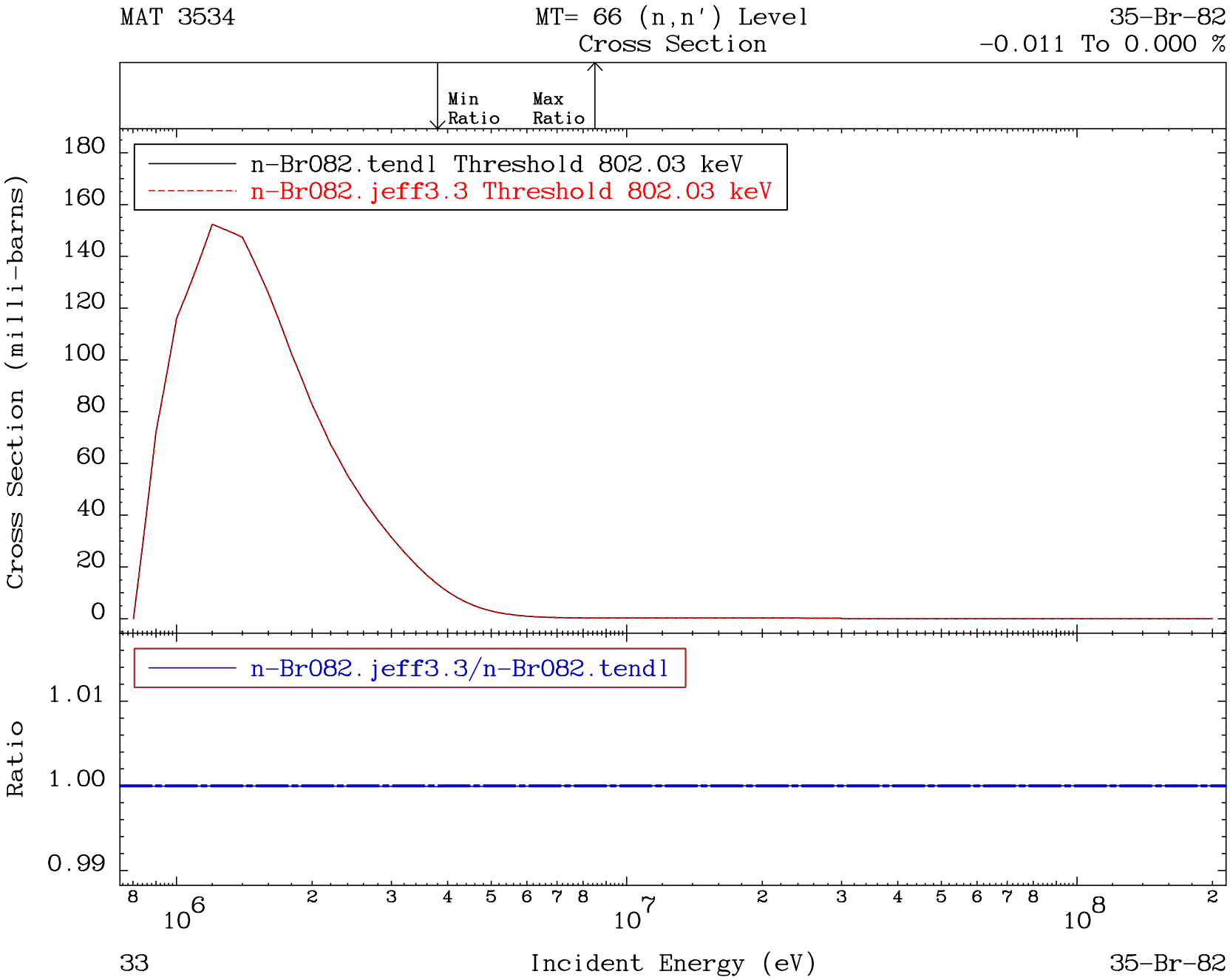

MAT 3534
MT= 60 (n,n') Level
Cross Section
35-Br-82
-0.003 To 0.136 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 645.86 keV
n-Br082.jeff3.3 Threshold 645.86 keV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
7 8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
28
Incident Energy (eV)
35-Br-82

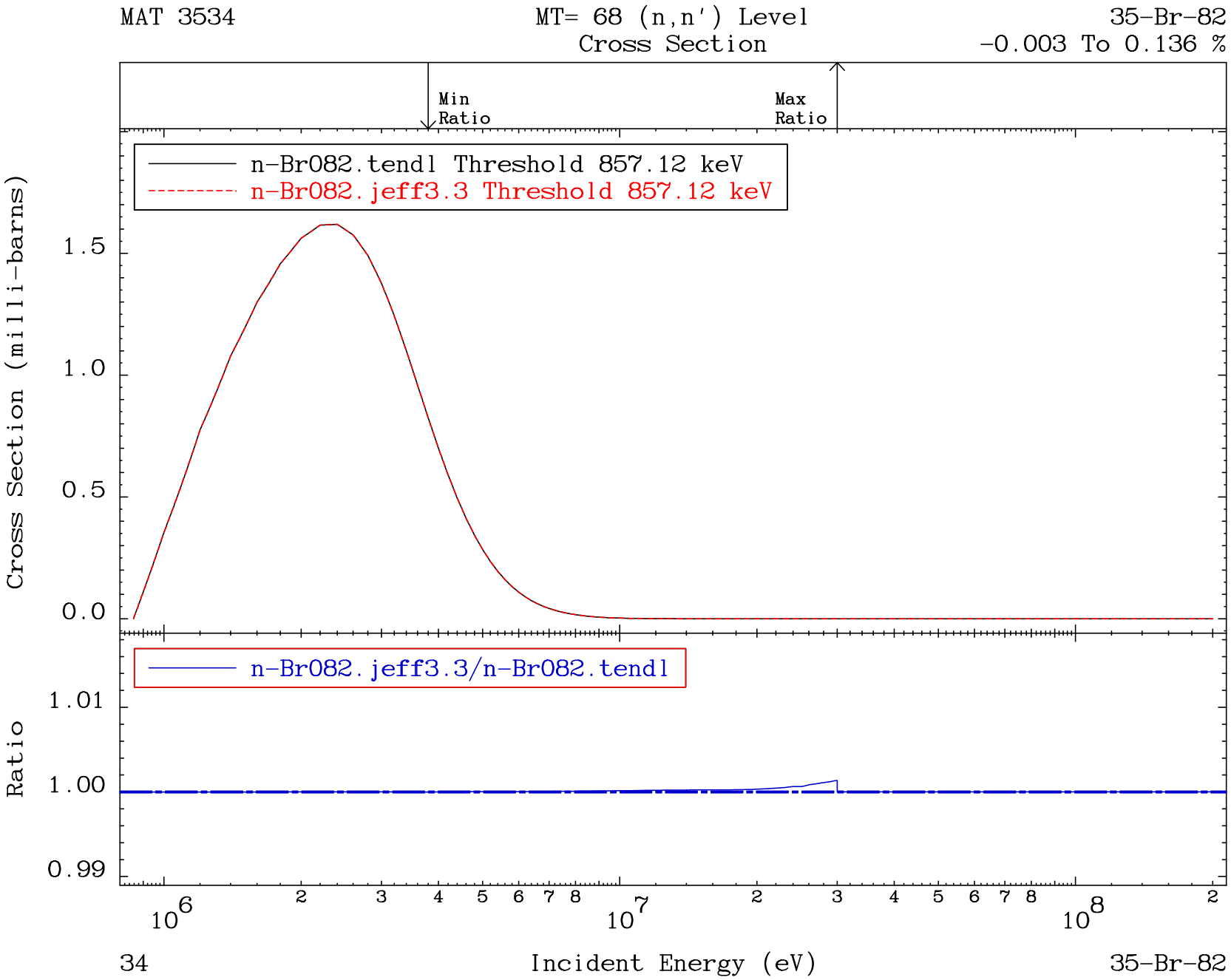

MAT 3534
MT= 61 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 649.06 keV
n-Br082.jeff3.3 Threshold 649.06 keV
Cross Section (milli-barns)
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
7 8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
29
Incident Energy (eV)
35-Br-82

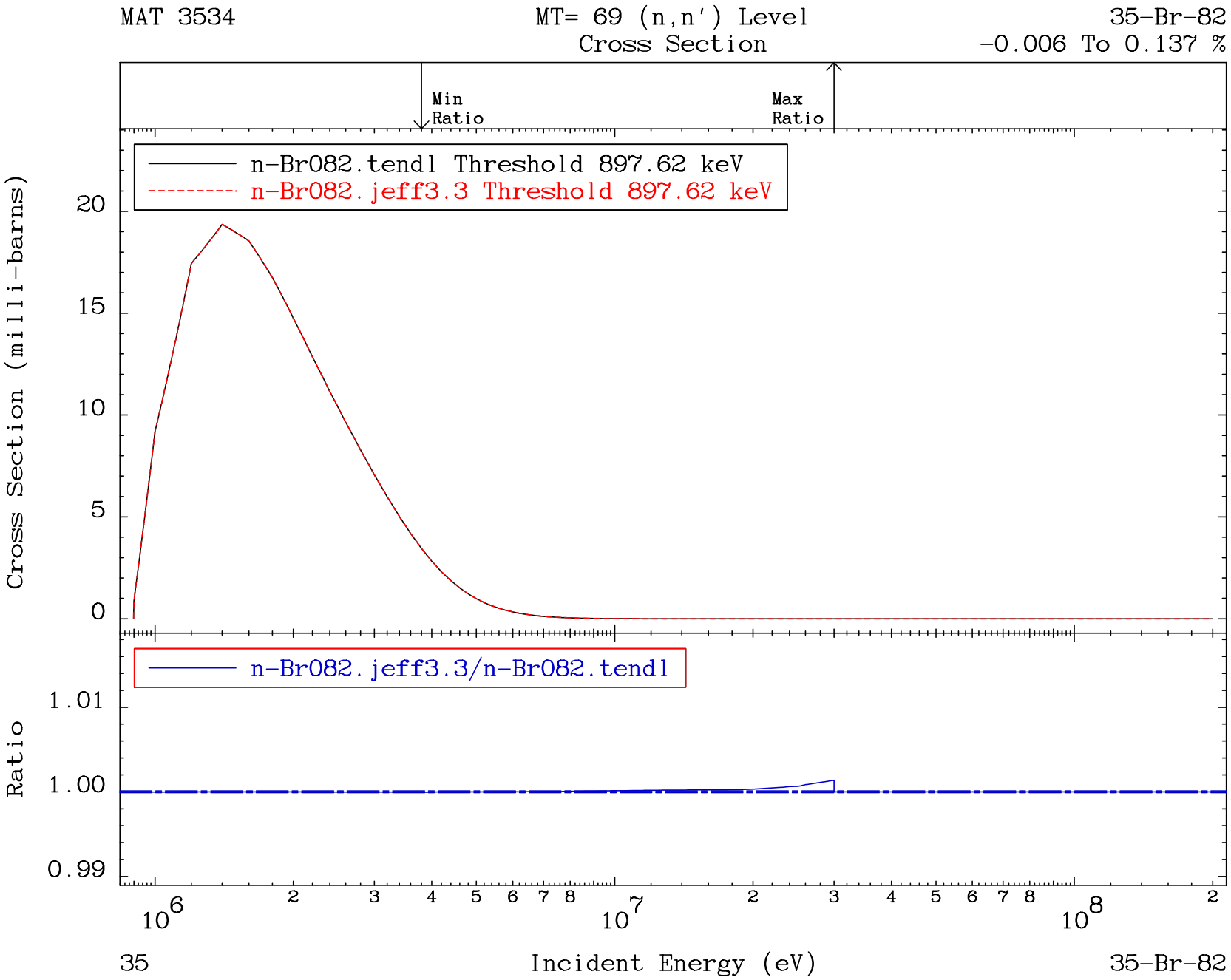

MAT 3534
MT= 62 (n,n') Level
Cross Section
35-Br-82
-0.005 To 0.136 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 697.74 keV
n-Br082.jeff3.3 Threshold 697.74 keV
Cross Section (milli-barns)
12
10
8
6
4
2
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
7 8
10^6
2
3
4
5
6
7 8
10^7
2
3
4
5
6
7 8
10^8
2
30
Incident Energy (eV)
35-Br-82

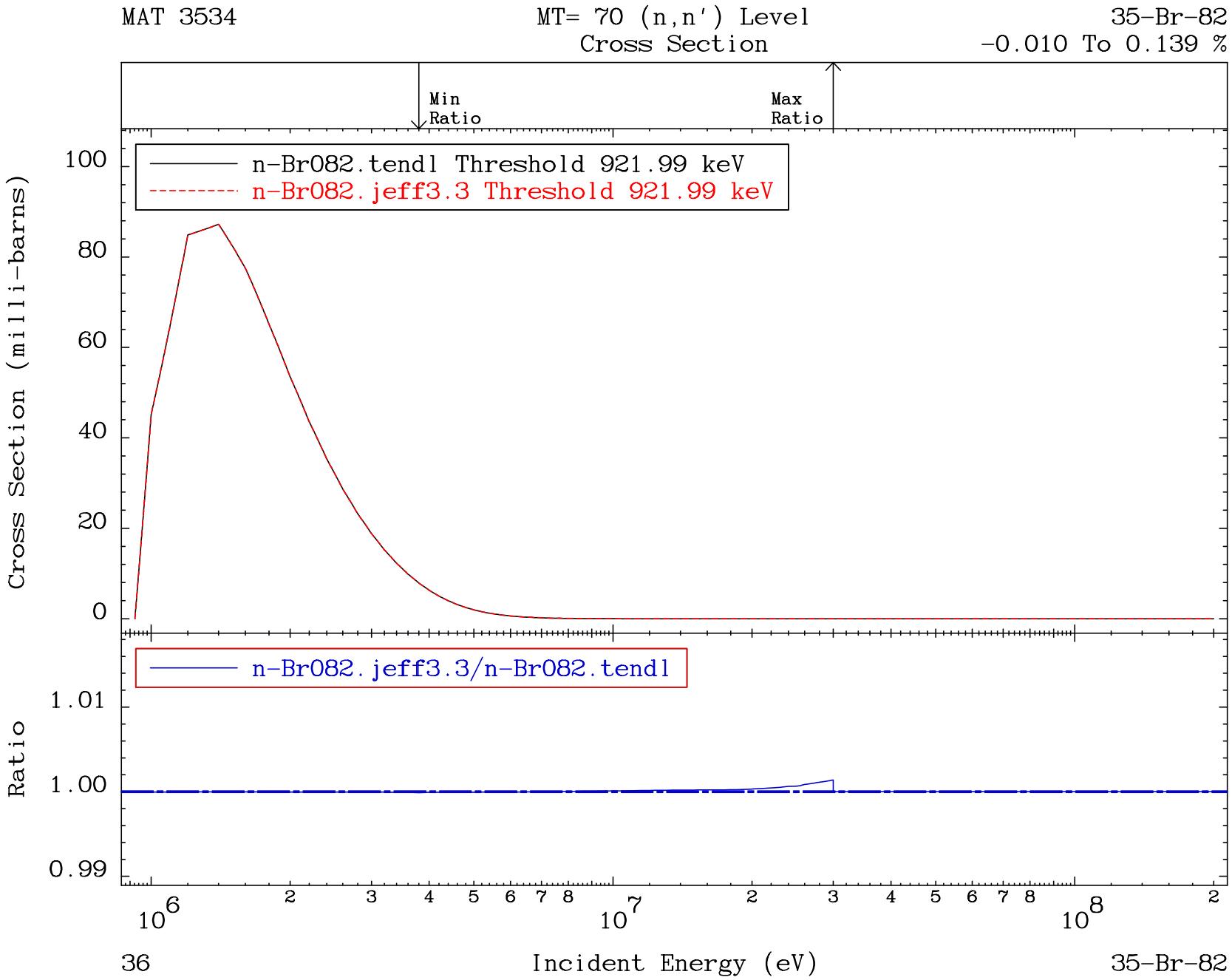

MAT 3534
MT= 63 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 769.31 keV
n-Br082.jeff3.3 Threshold 769.31 keV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
8
2
3
4
5
6
7
8
10^6
10^7
10^8
31
Incident Energy (eV)
35-Br-82

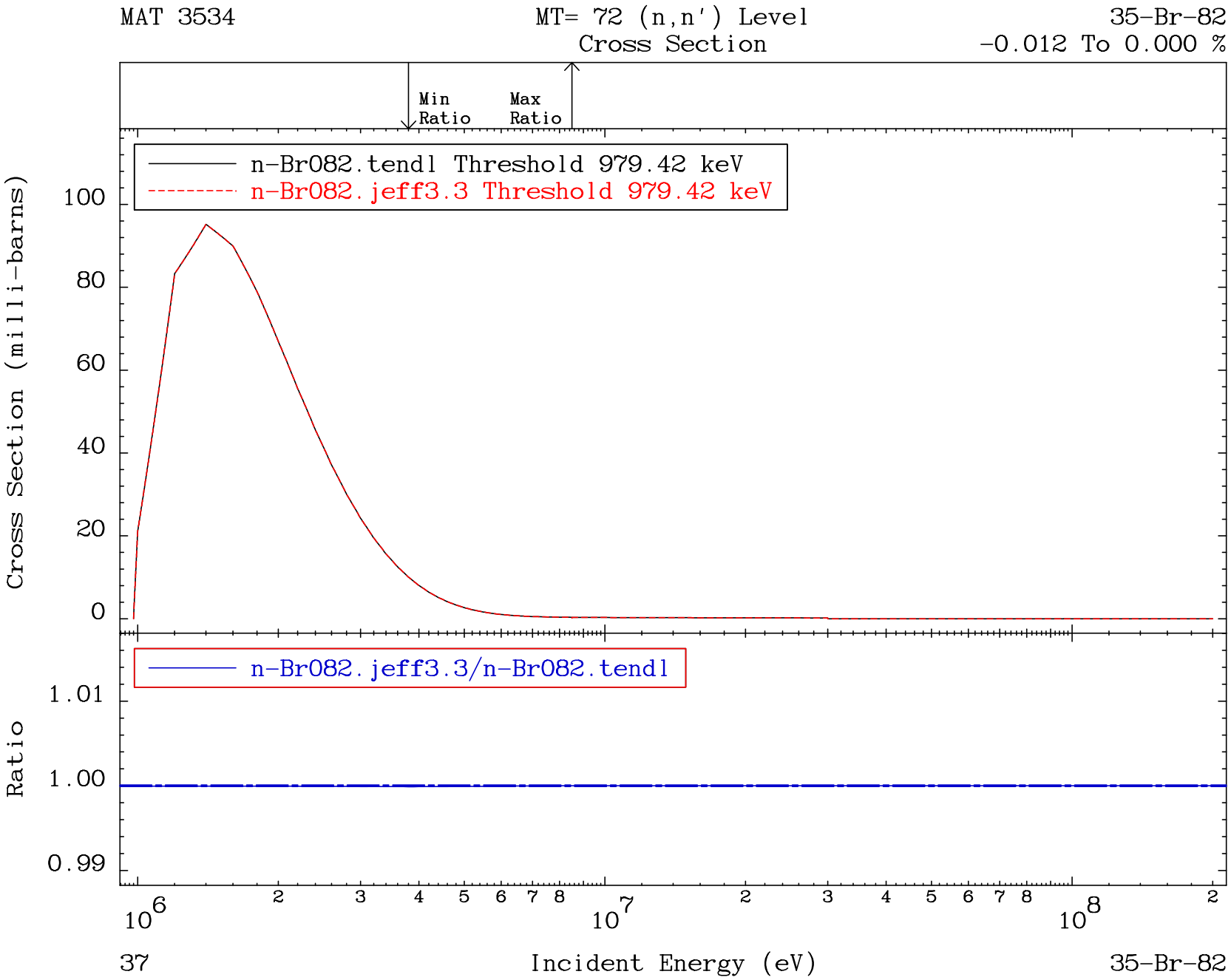

MAT 3534
MT= 65 (n,n') Level
Cross Section
35-Br-82
-0.003 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 773.12 keV
n-Br082.jeff3.3 Threshold 773.12 keV
Cross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
32
Incident Energy (eV)
35-Br-82

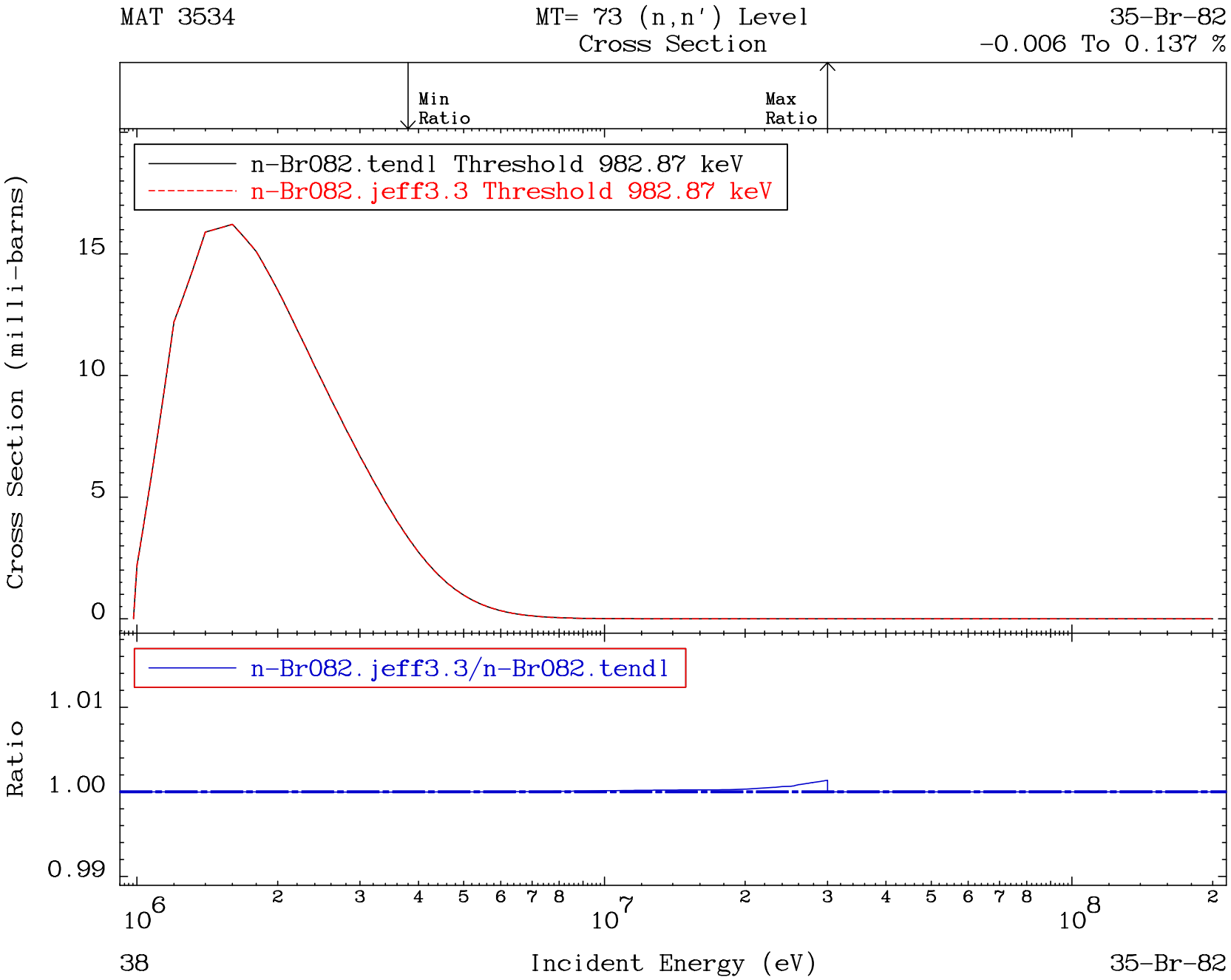

MAT 3534
MT= 66 (n,n') Level
Cross Section
35-Br-82
-0.011 To 0.000 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 802.03 keV
n-Br082.jeff3.3 Threshold 802.03 keV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
8 2 3 4 5 6 7 8 2 3 4 5 6 7 8 2
10^6
10^7
10^8
33
Incident Energy (eV)
35-Br-82

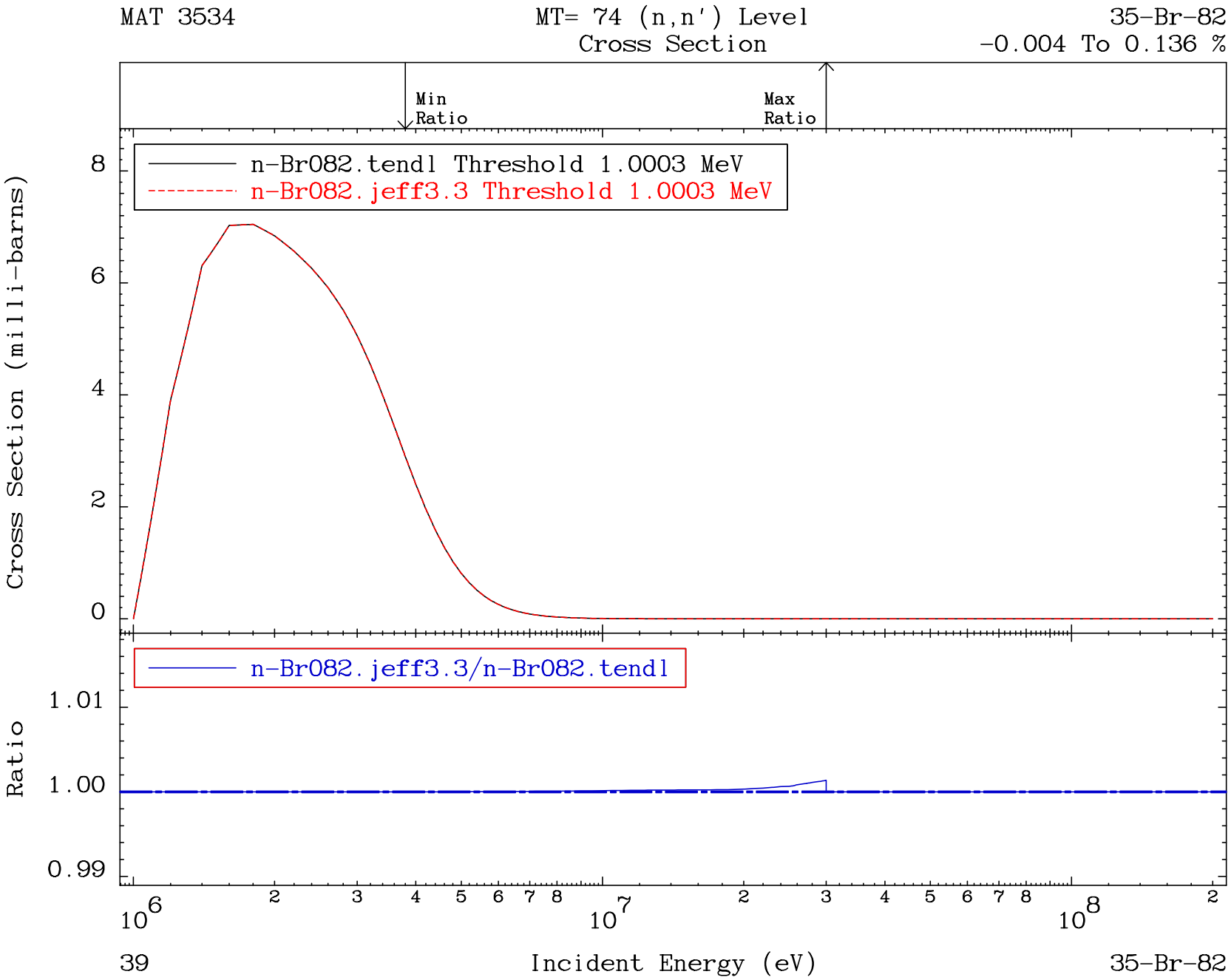

MAT 3534
MT= 68 (n,n') Level
Cross Section
35-Br-82
-0.003 To 0.136 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 857.12 keV
n-Br082.jeff3.3 Threshold 857.12 keV
Cross Section (milli-barns)
1.5
1.0
0.5
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
34
Incident Energy (eV)
35-Br-82

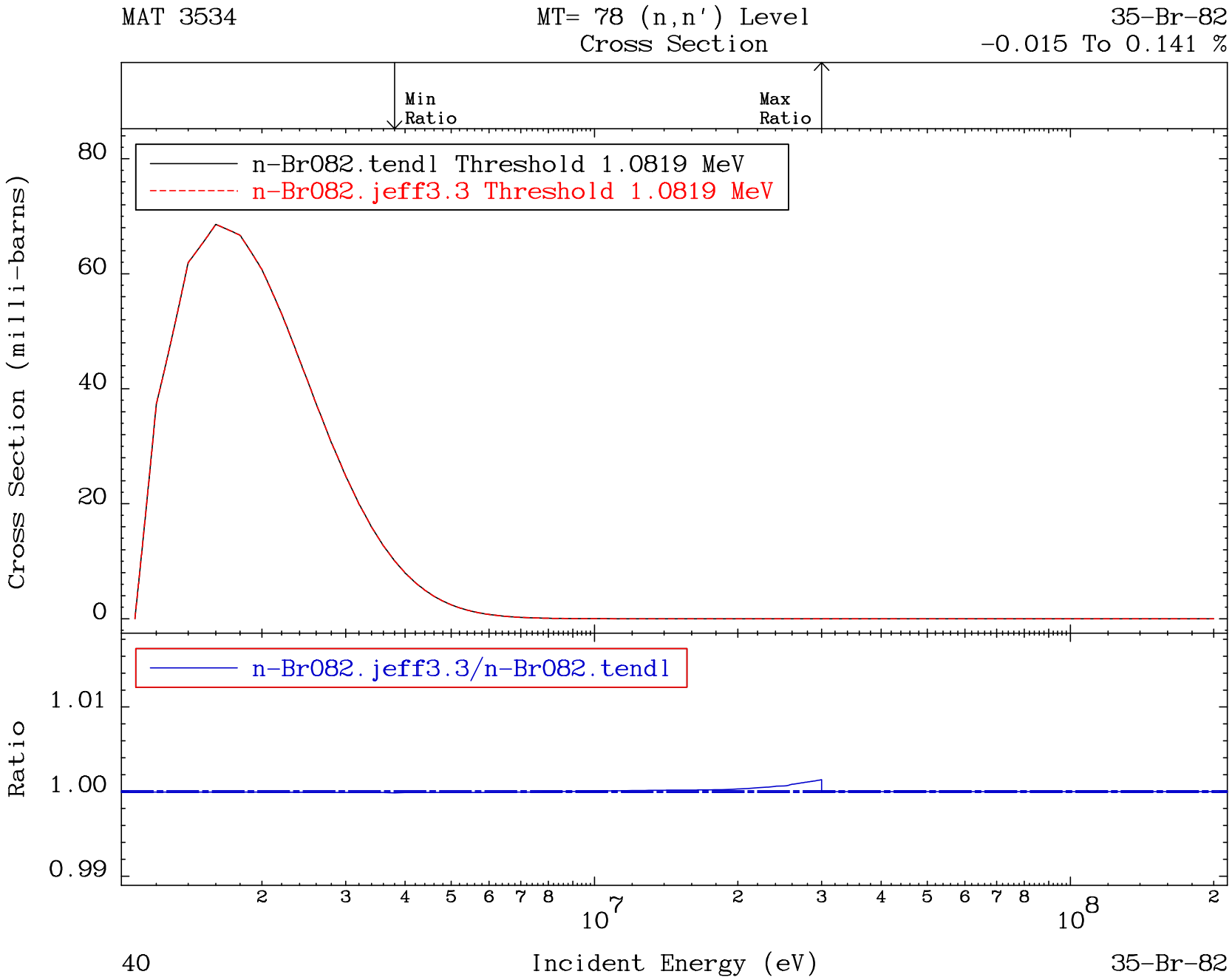

MAT 3534
MT= 69 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 897.62 keV
n-Br082.jeff3.3 Threshold 897.62 keV
Cross Section (milli-barns)
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
35
Incident Energy (eV)
35-Br-82

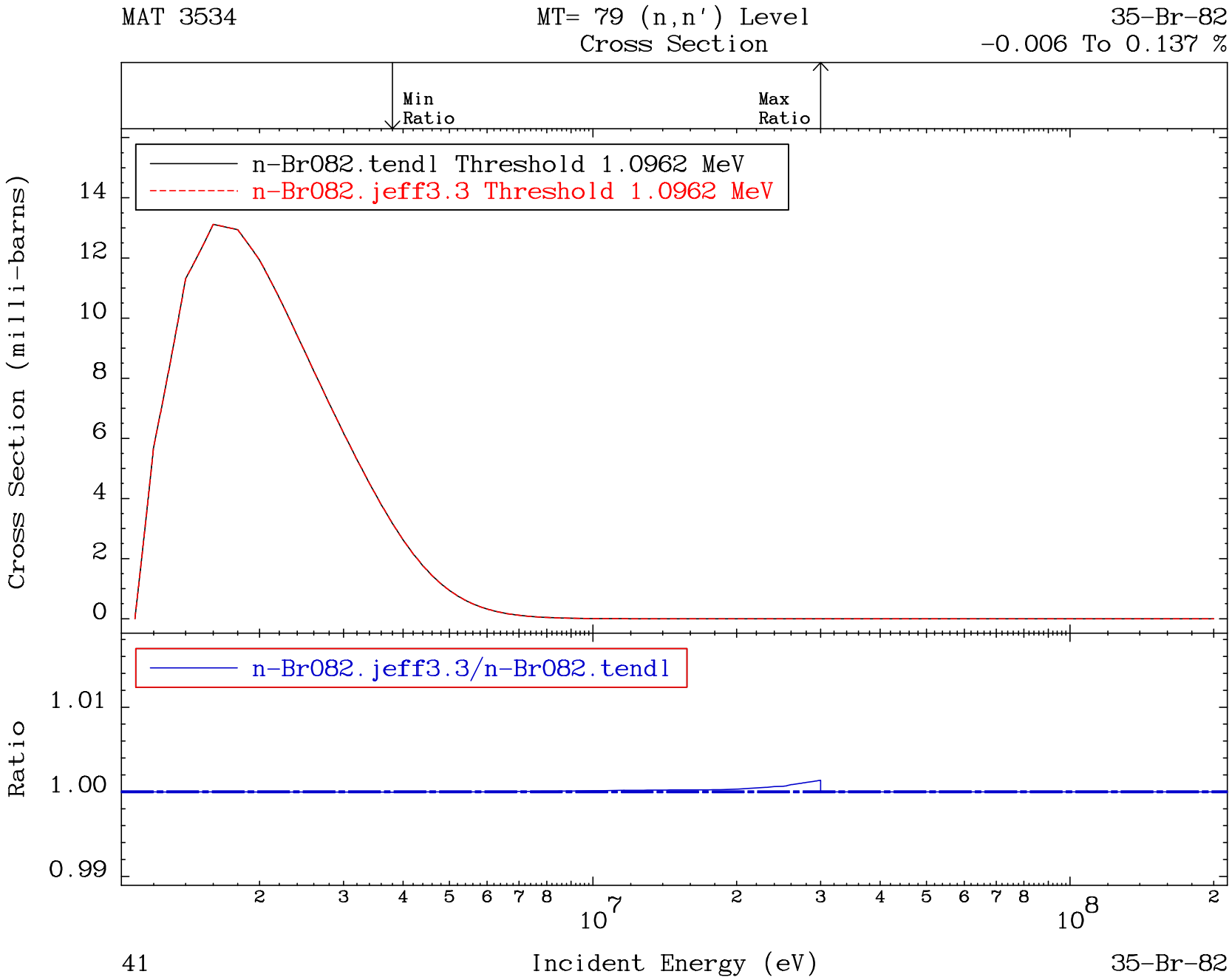

MAT 3534
MT= 70 (n,n') Level
Cross Section
35-Br-82
-0.010 To 0.139 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 921.99 keV
n-Br082.jeff3.3 Threshold 921.99 keV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^6
10^7
10^8
36
Incident Energy (eV)
35-Br-82

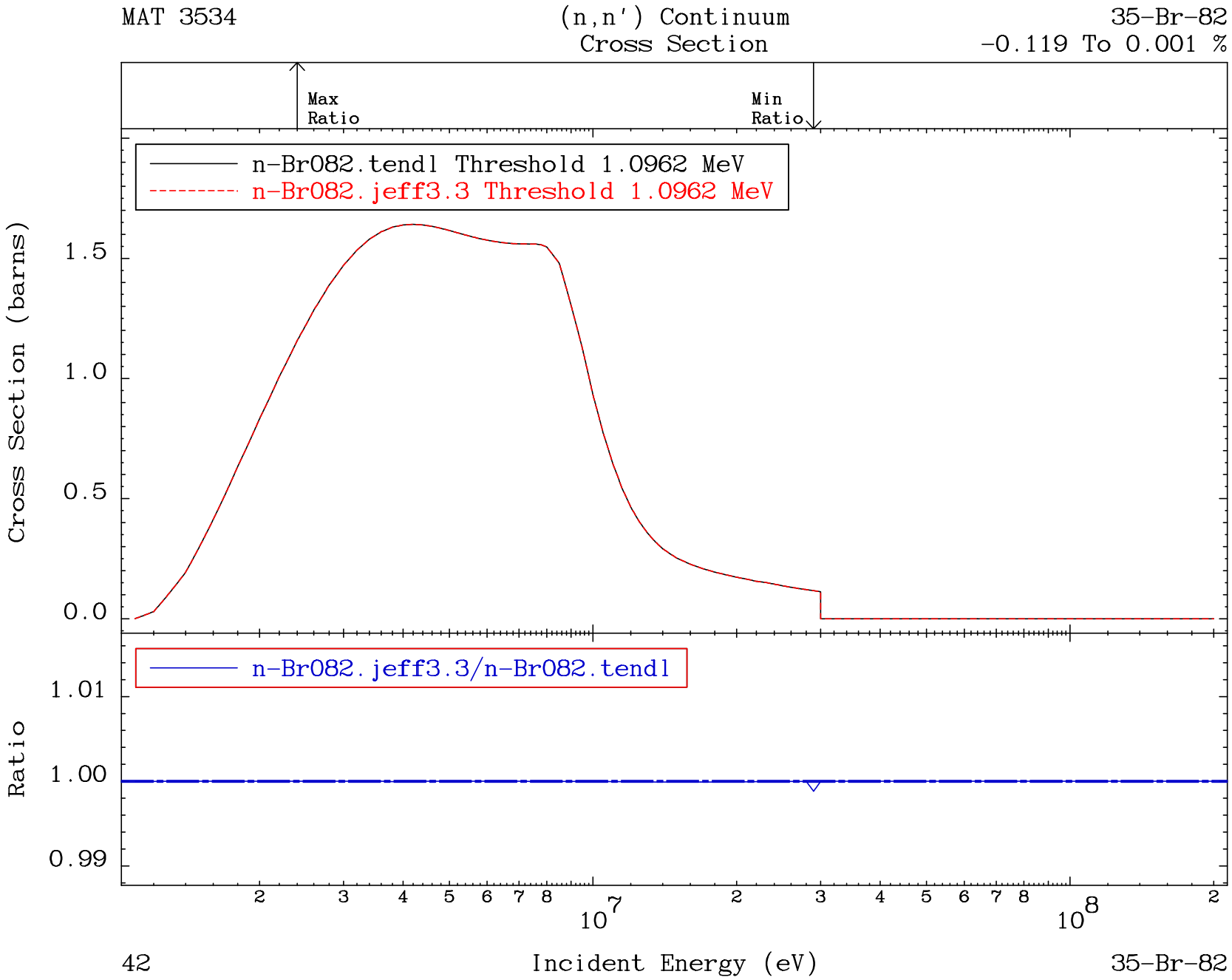

MAT 3534
MT= 72 (n,n') Level
Cross Section
35-Br-82
-0.012 To 0.000 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 979.42 keV
n-Br082.jeff3.3 Threshold 979.42 keV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^6
10^7
10^8
Incident Energy (eV)
37
35-Br-82

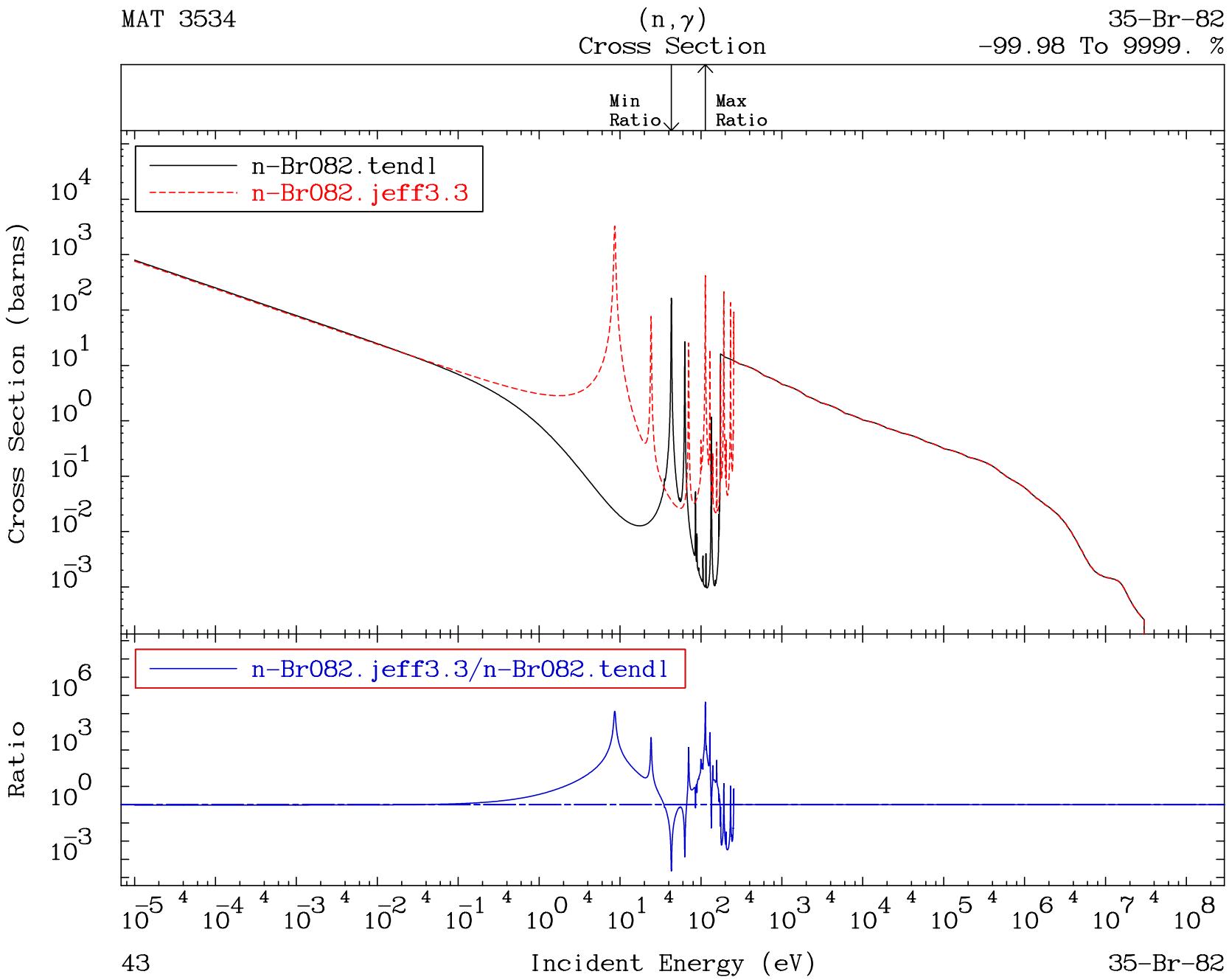

MAT 3534
MT= 73 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 982.87 keV
n-Br082.jeff3.3 Threshold 982.87 keV
Cross Section (milli-barns)
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
38
Incident Energy (eV)
35-Br-82

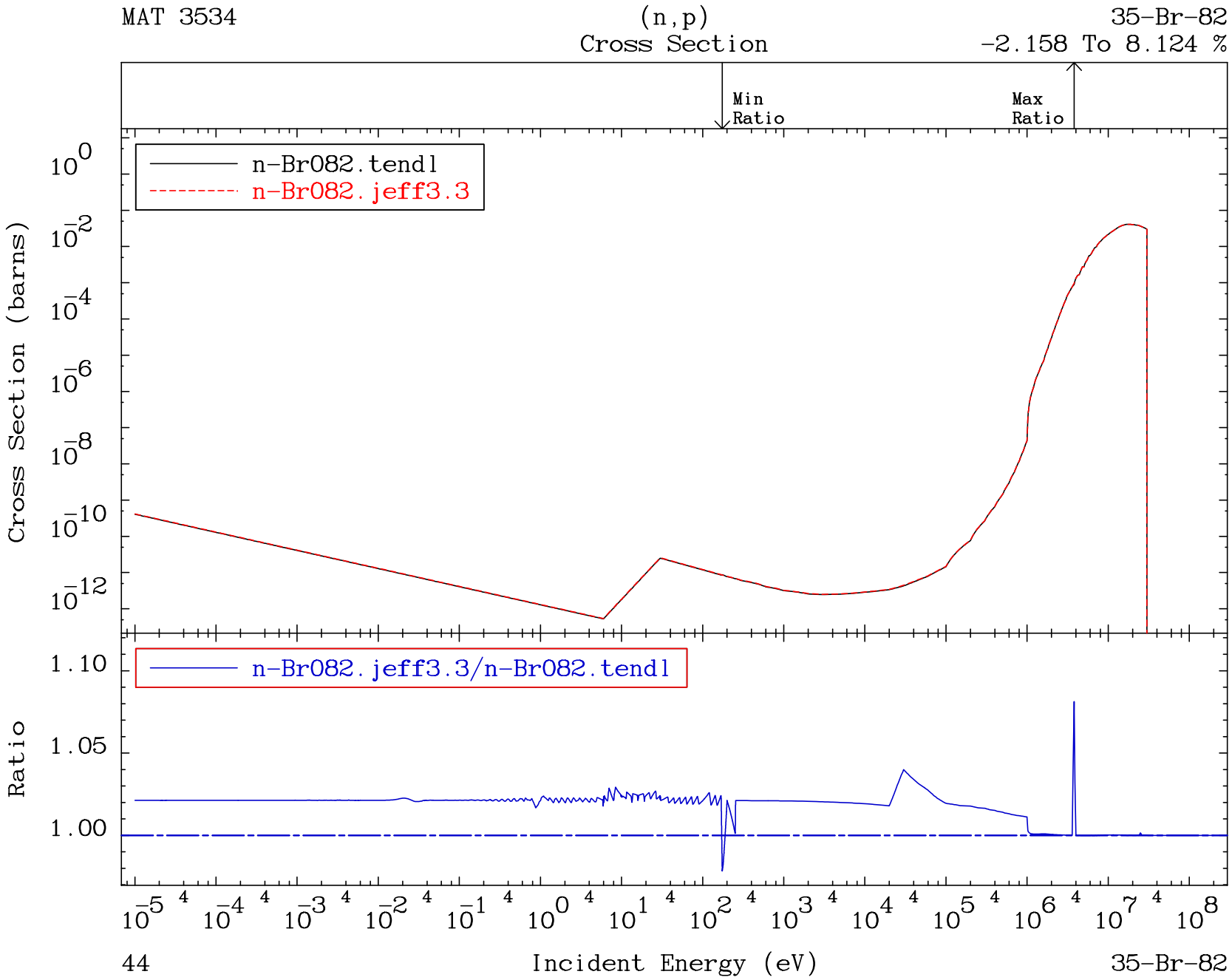

MAT 3534
MT= 74 (n,n') Level
Cross Section
35-Br-82
-0.004 To 0.136 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 1.0003 MeV
n-Br082.jeff3.3 Threshold 1.0003 MeV
Cross Section (milli-barns)
8
6
4
2
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
39
Incident Energy (eV)
35-Br-82

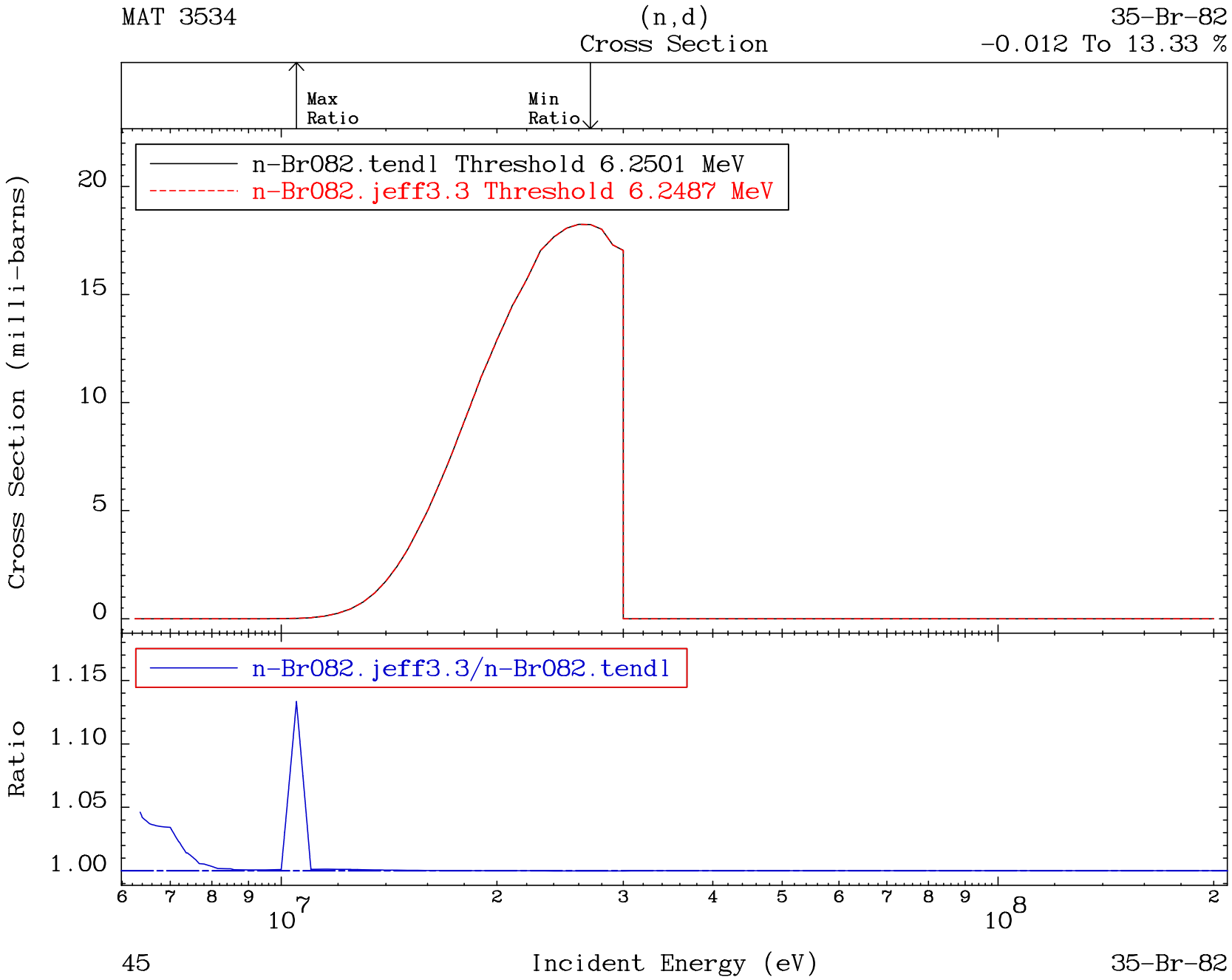

MAT 3534
MT= 78 (n,n') Level
Cross Section
35-Br-82
-0.015 To 0.141 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 1.0819 MeV
n-Br082.jeff3.3 Threshold 1.0819 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
40
Incident Energy (eV)
35-Br-82

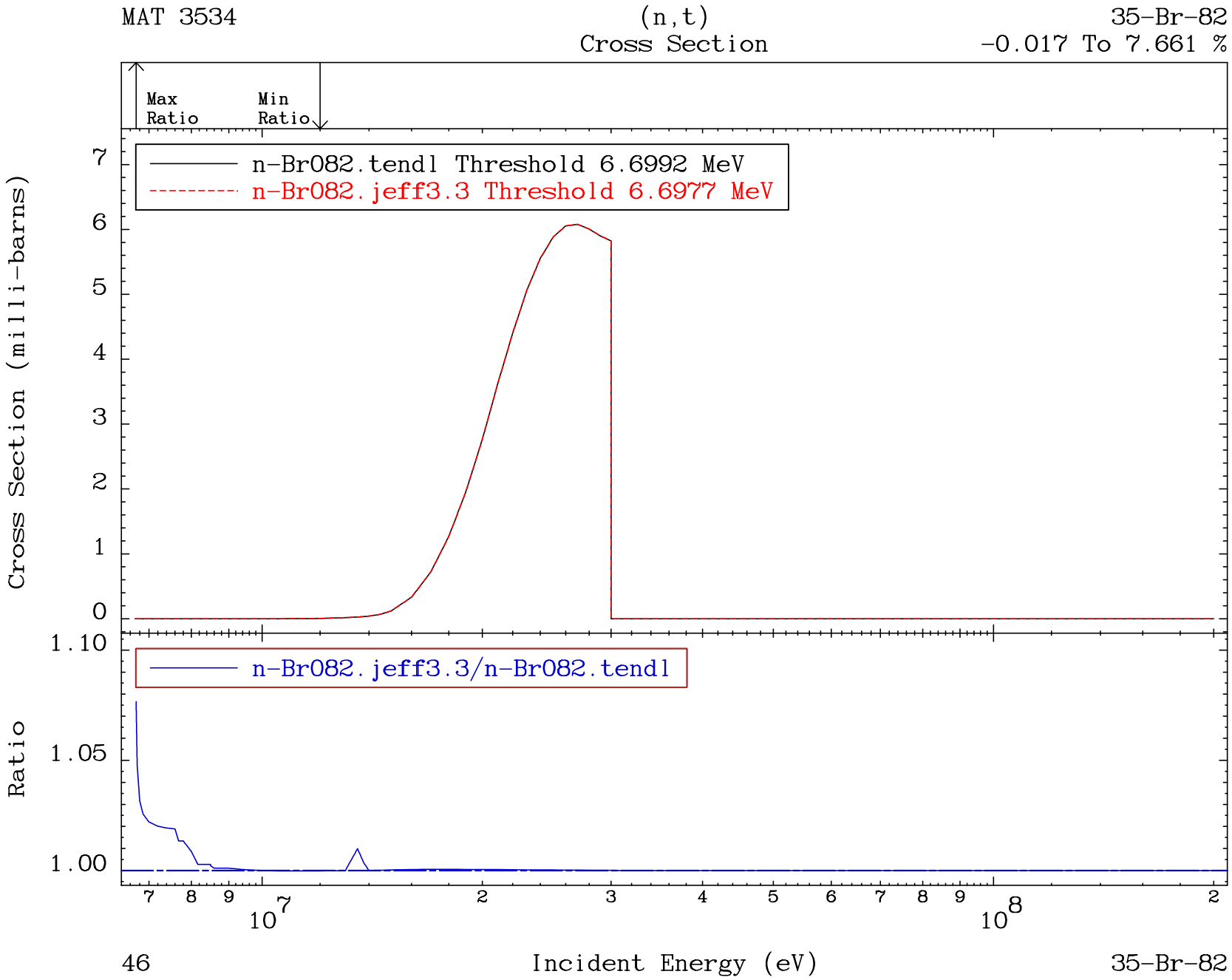

MAT 3534
MT= 79 (n,n') Level
Cross Section
35-Br-82
-0.006 To 0.137 %
Min
Ratio
Max
Ratio
n-Br082.tendl Threshold 1.0962 MeV
n-Br082.jeff3.3 Threshold 1.0962 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
41
Incident Energy (eV)
35-Br-82

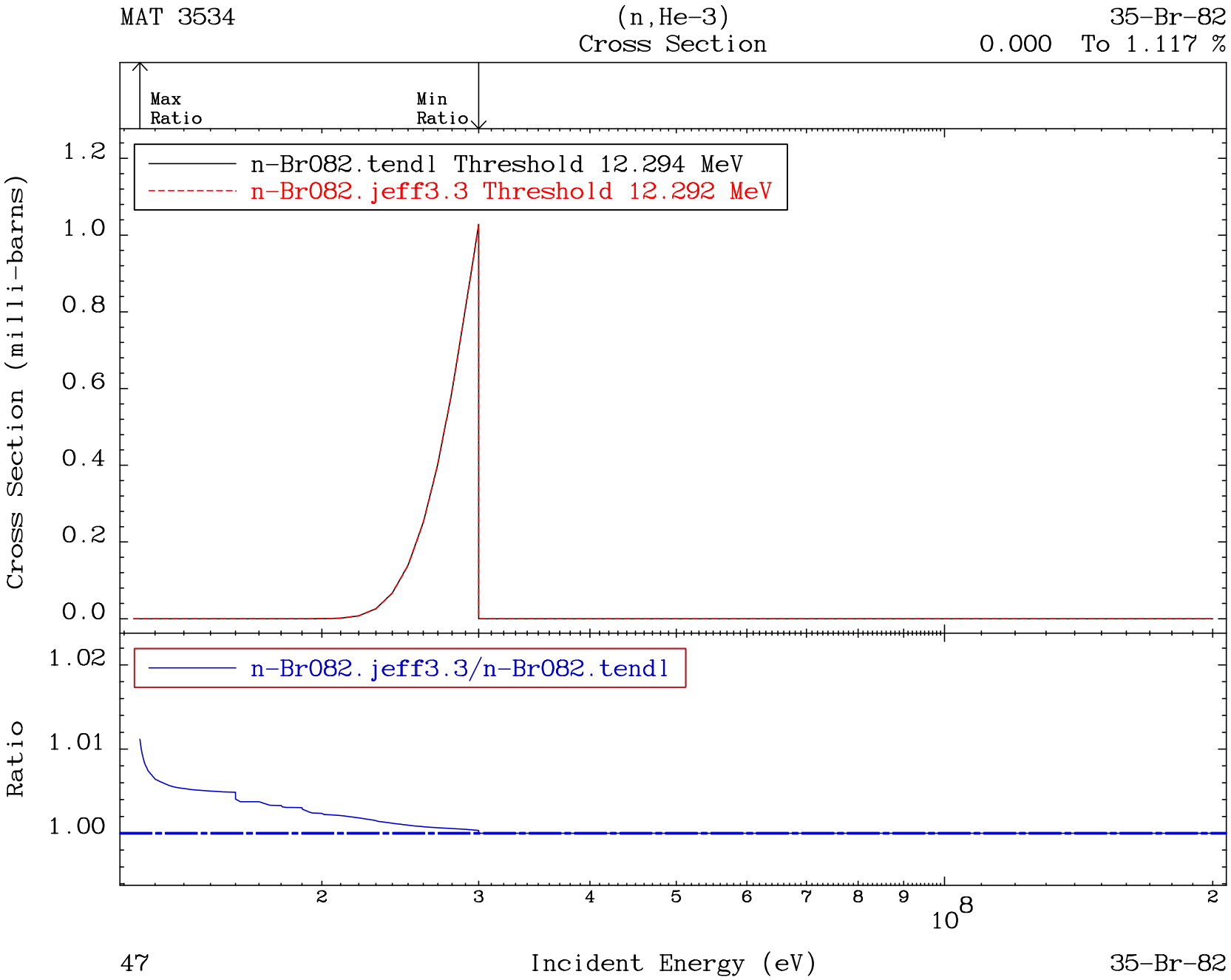

MAT 3534
(n,n') Continuum
Cross Section
35-Br-82
-0.119 To 0.001 %
Max
Ratio
Min
Ratio
n-Br082.tendl Threshold 1.0962 MeV
n-Br082.jeff3.3 Threshold 1.0962 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
42
Incident Energy (eV)
35-Br-82

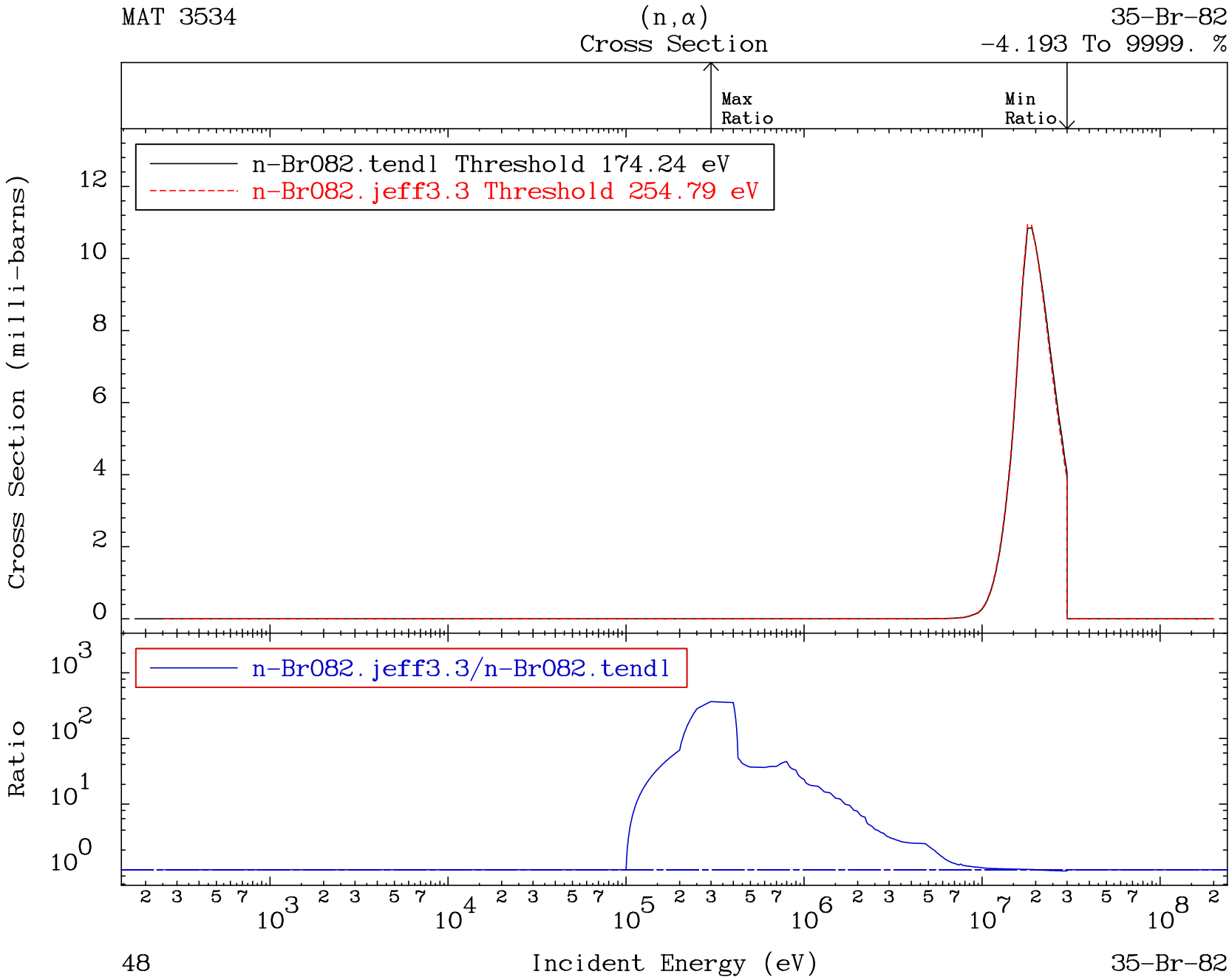

MAT 3534
(n,γ)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
43
35-Br-82

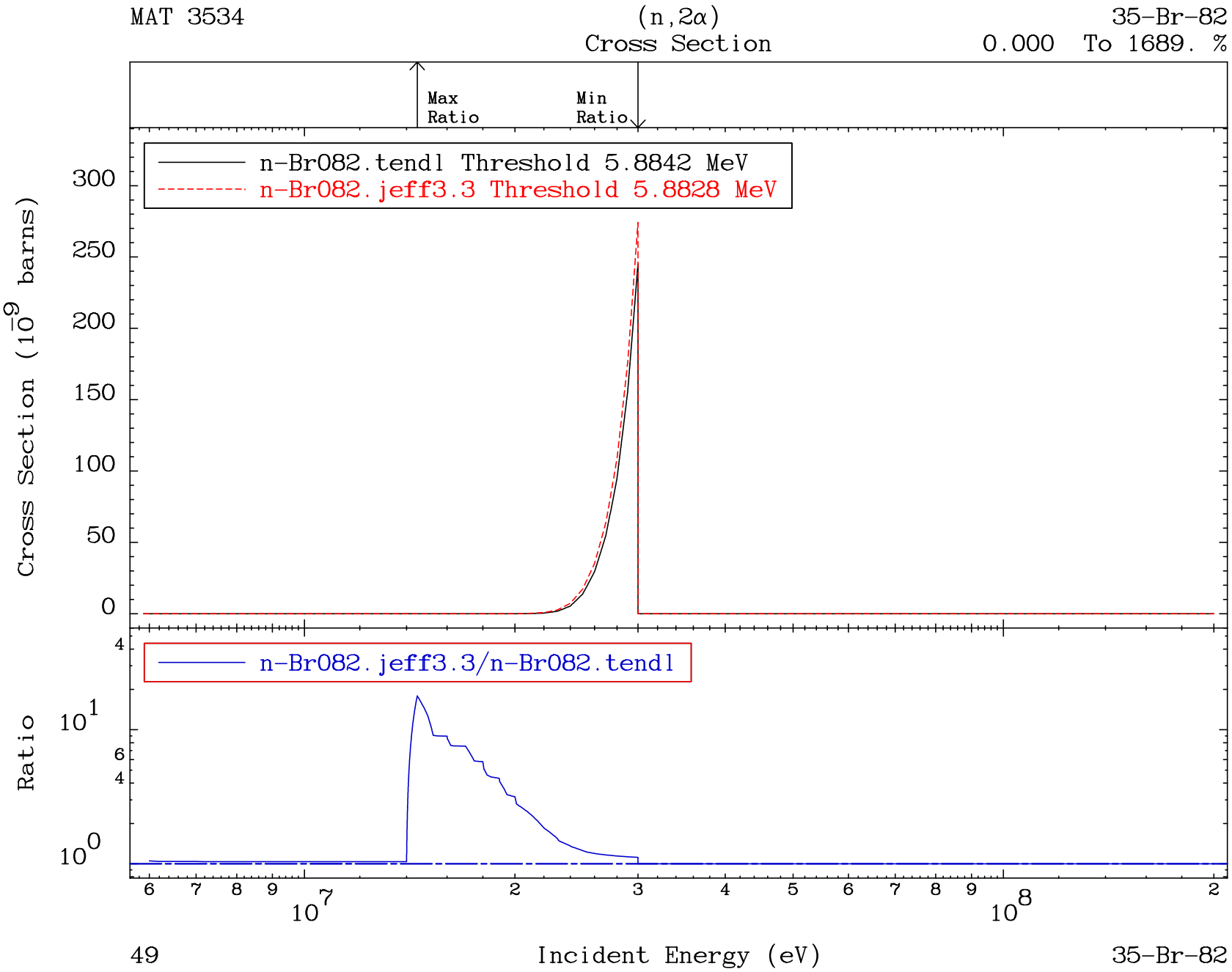

MAT 3534
(n,p)
Cross Section
35-Br-82
-2.158 To 8.124 %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
44
35-Br-82

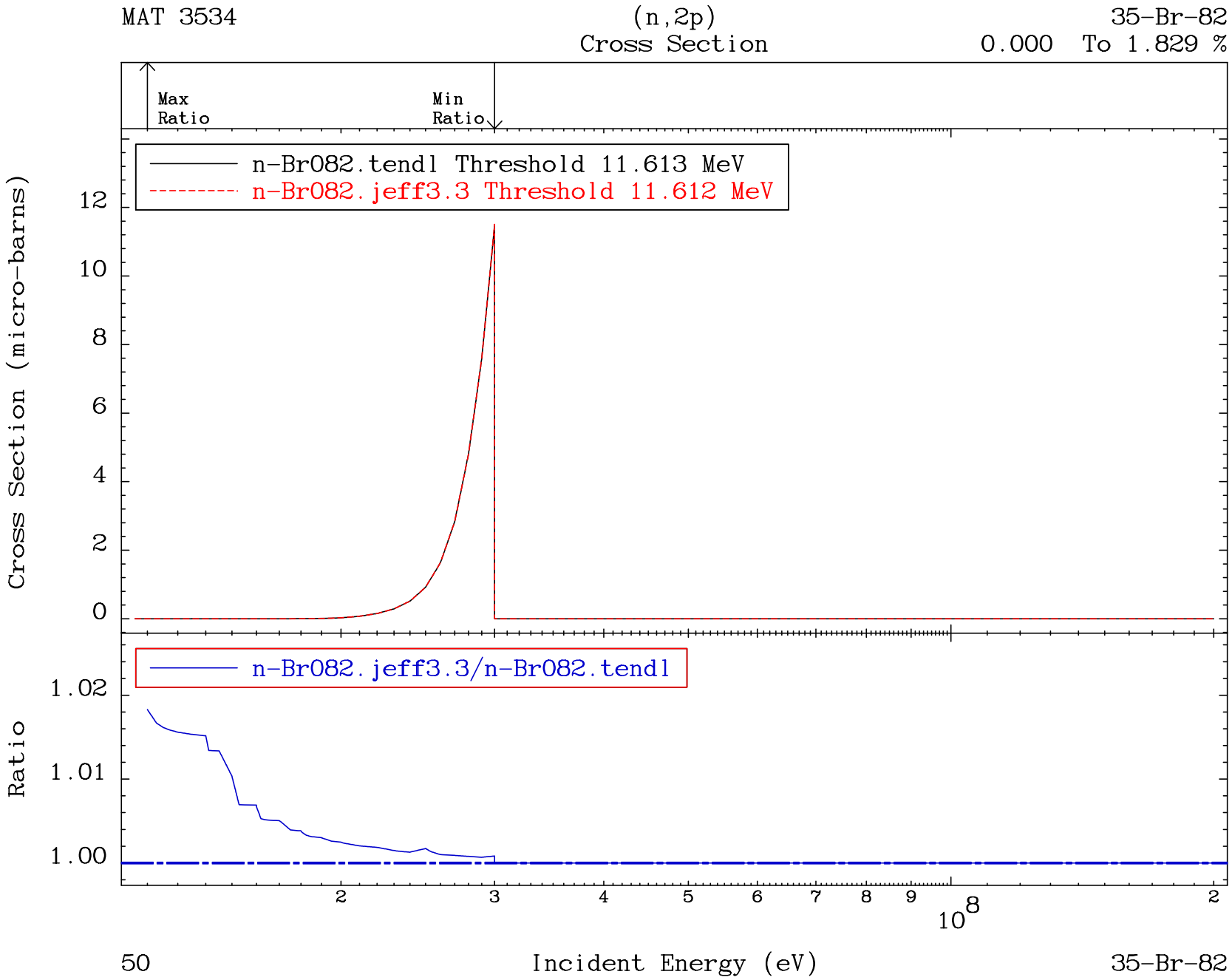

MAT 3534
(n,d)
Cross Section
35-Br-82
-0.012 To 13.33 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 6.2501 MeV
n-Br082.jeff3.3 Threshold 6.2487 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.15
1.10
1.05
1.00
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
45
Incident Energy (eV)
35-Br-82

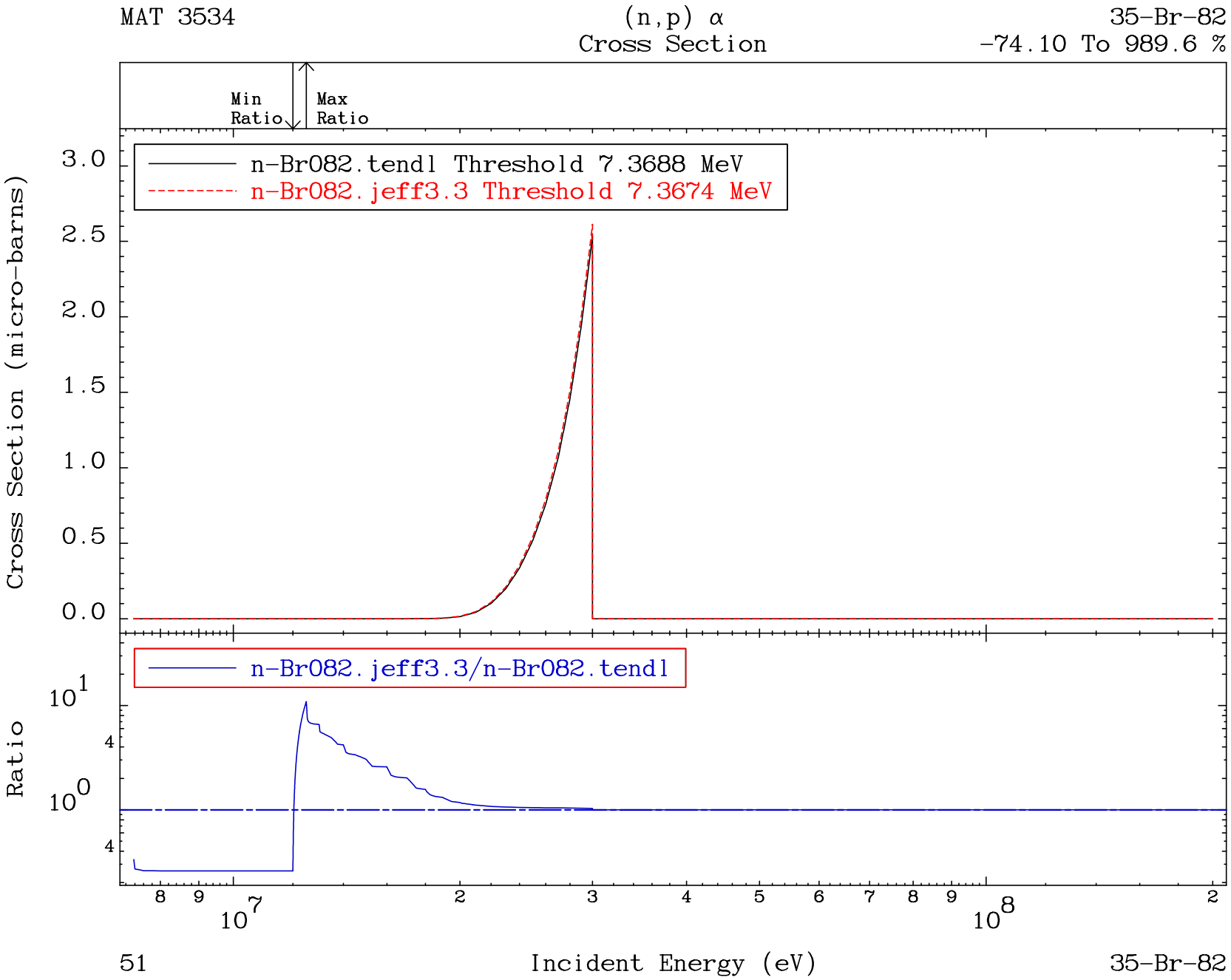

MAT 3534
(n,t)
Cross Section
35-Br-82
-0.017 To 7.661 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 6.6992 MeV
n-Br082.jeff3.3 Threshold 6.6977 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
7
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.00
1.05
1.10
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
46
Incident Energy (eV)
35-Br-82

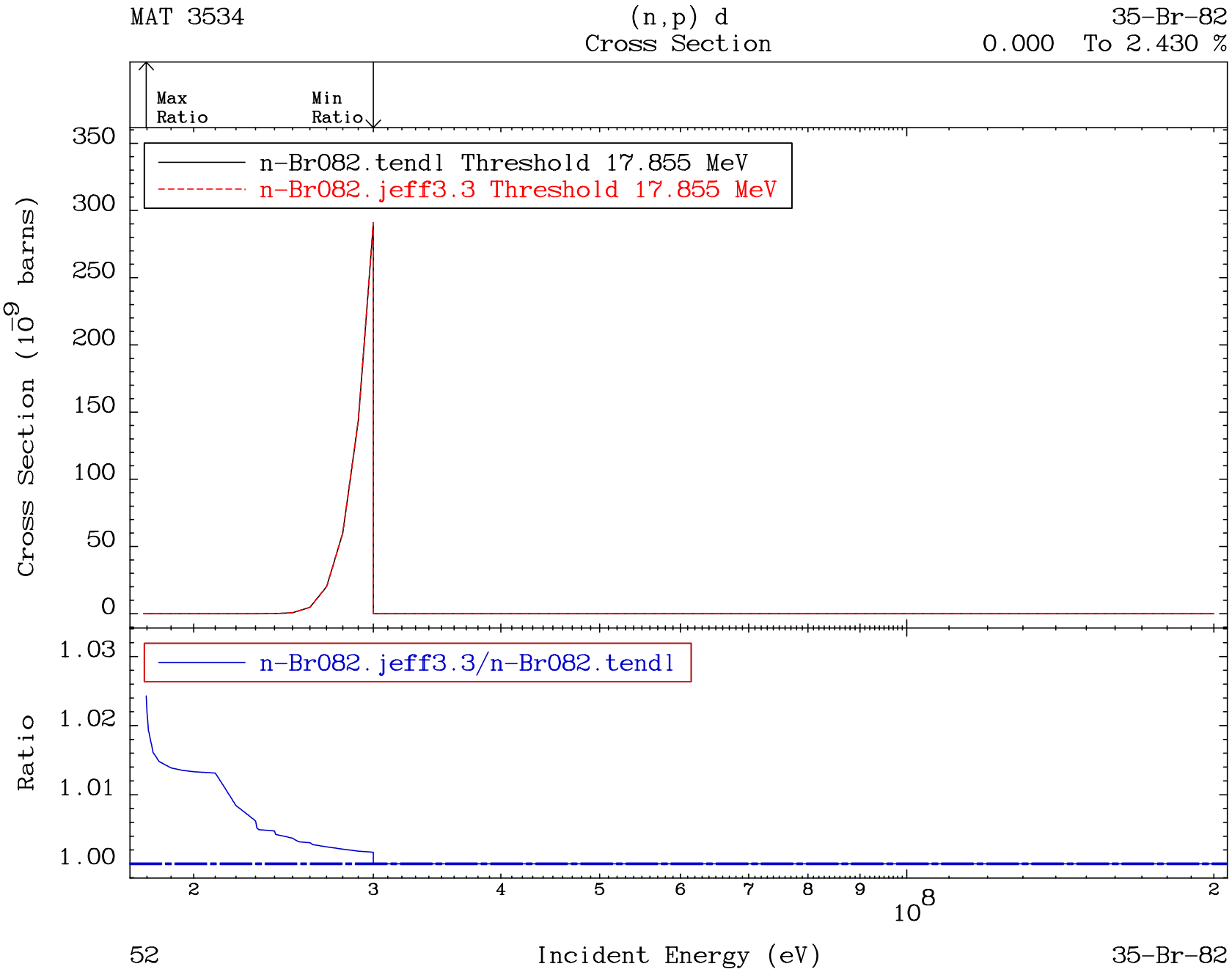

MAT 3534
(n,He-3)
Cross Section
35-Br-82
0.000 To 1.117 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 12.294 MeV
n-Br082.jeff3.3 Threshold 12.292 MeV
Cross Section (milli-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
47
Incident Energy (eV)
35-Br-82

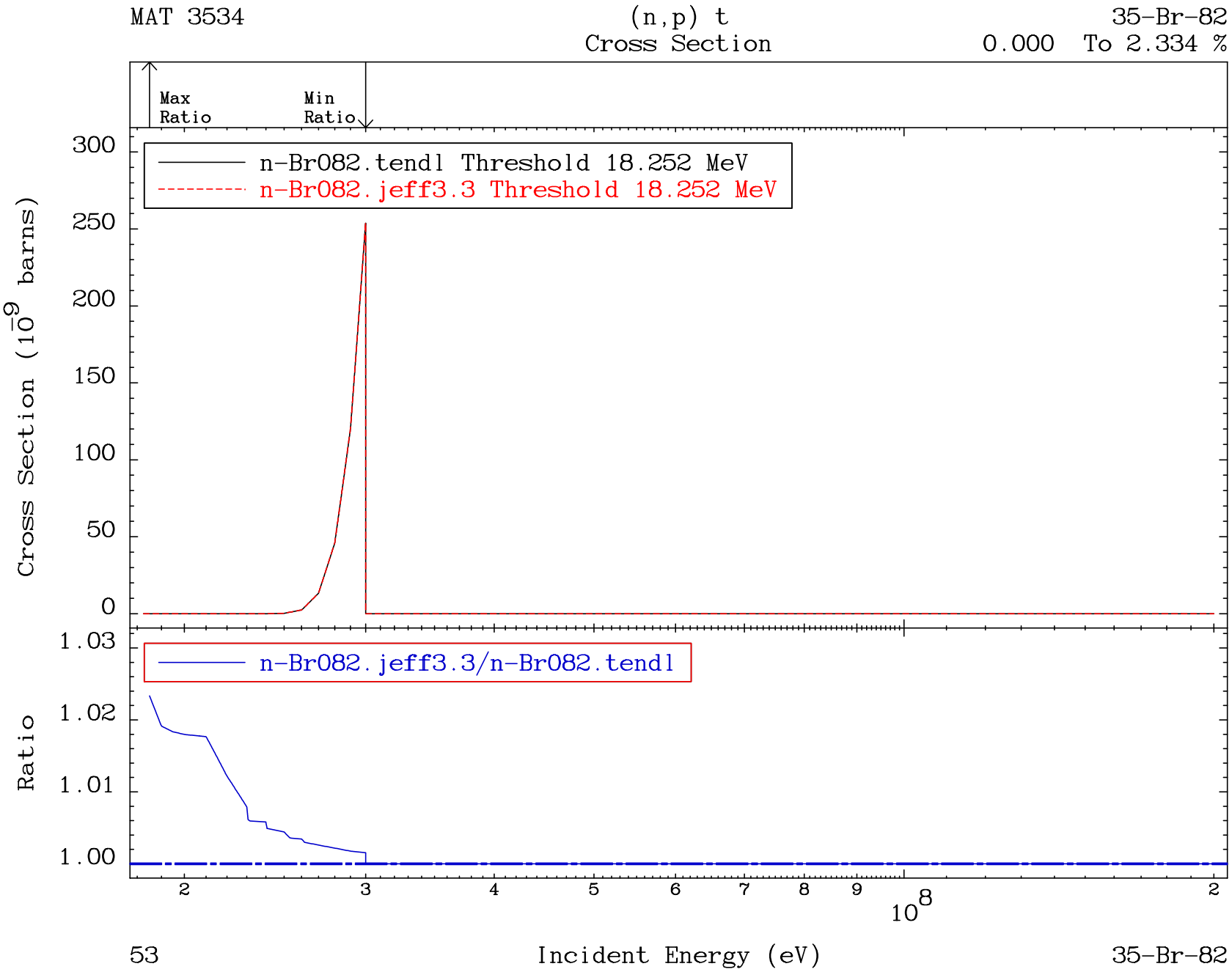

MAT 3534
(n,α)
Cross Section
35-Br-82
-4.193 To 9999. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 174.24 eV
n-Br082.jeff3.3 Threshold 254.79 eV
Cross Section (milli-barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
48
35-Br-82

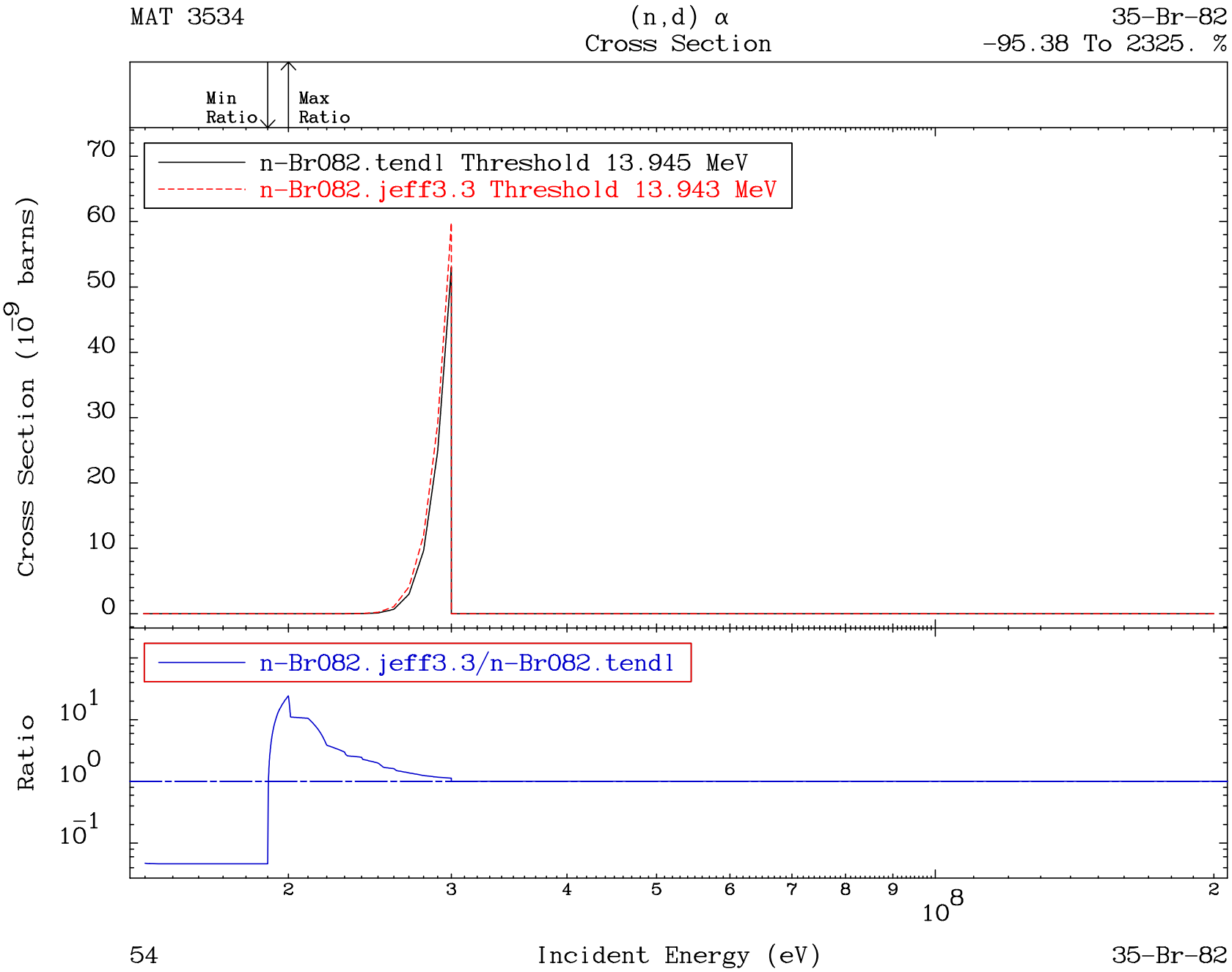

MAT 3534
(n,2α)
Cross Section
35-Br-82
0.000 To 1689. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 5.8842 MeV
n-Br082.jeff3.3 Threshold 5.8828 MeV
Cross Section (10^-9 barns)
300
250
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^1
6
4
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
49
Incident Energy (eV)
35-Br-82

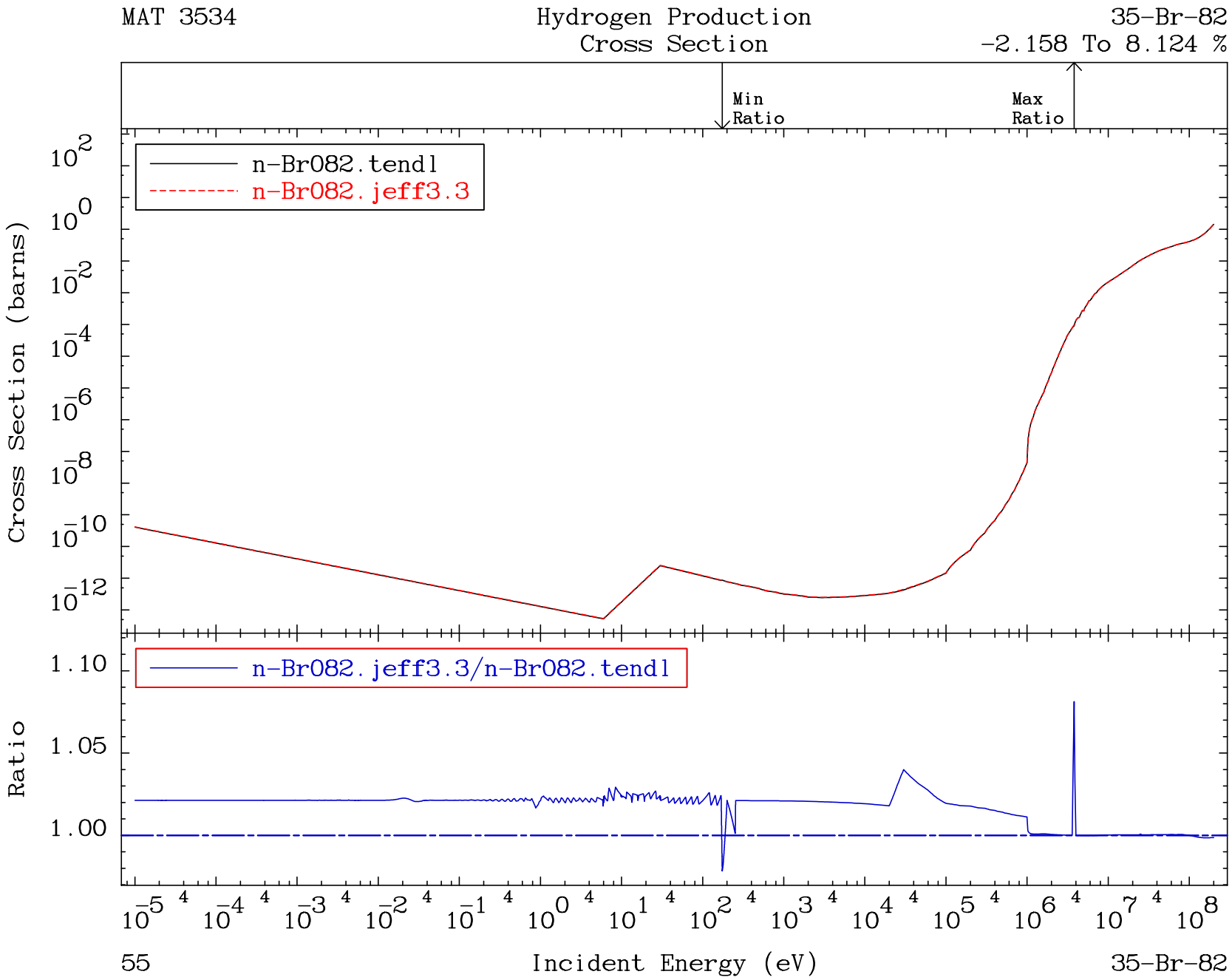

MAT 3534
(n,2p)
Cross Section
35-Br-82
0.000 To 1.829 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 11.613 MeV
n-Br082.jeff3.3 Threshold 11.612 MeV
Cross Section (micro-barns)
0
2
4
6
8
10
12
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.00
1.01
1.02
2
3
4
5
6
7
8
9
10^8
2
50
Incident Energy (eV)
35-Br-82

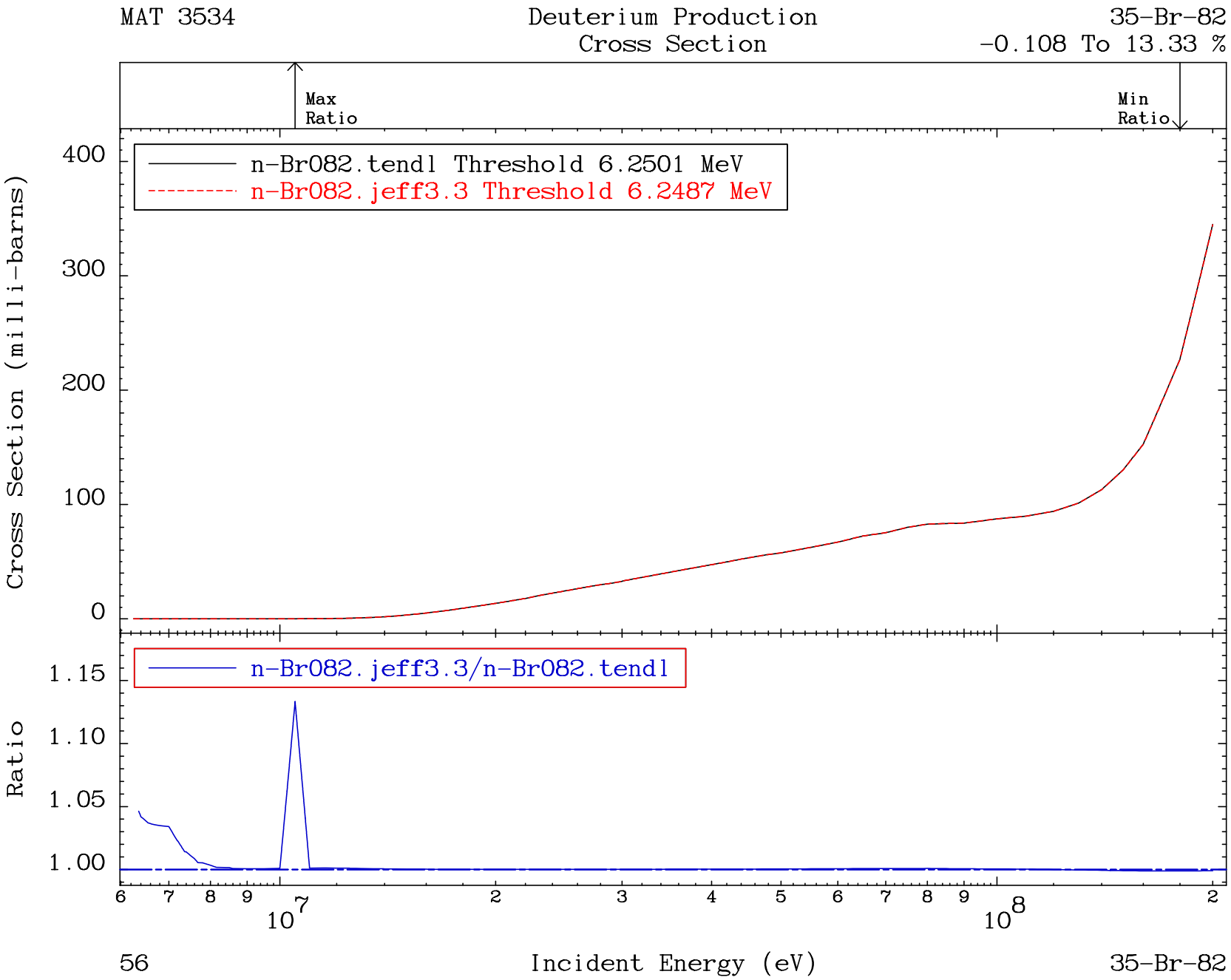

MAT 3534
(n,p) α
Cross Section
35-Br-82
-74.10 To 989.6 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 7.3688 MeV
n-Br082.jeff3.3 Threshold 7.3674 MeV
Cross Section (micro-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^1
10^0
4
4
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
51
Incident Energy (eV)
35-Br-82

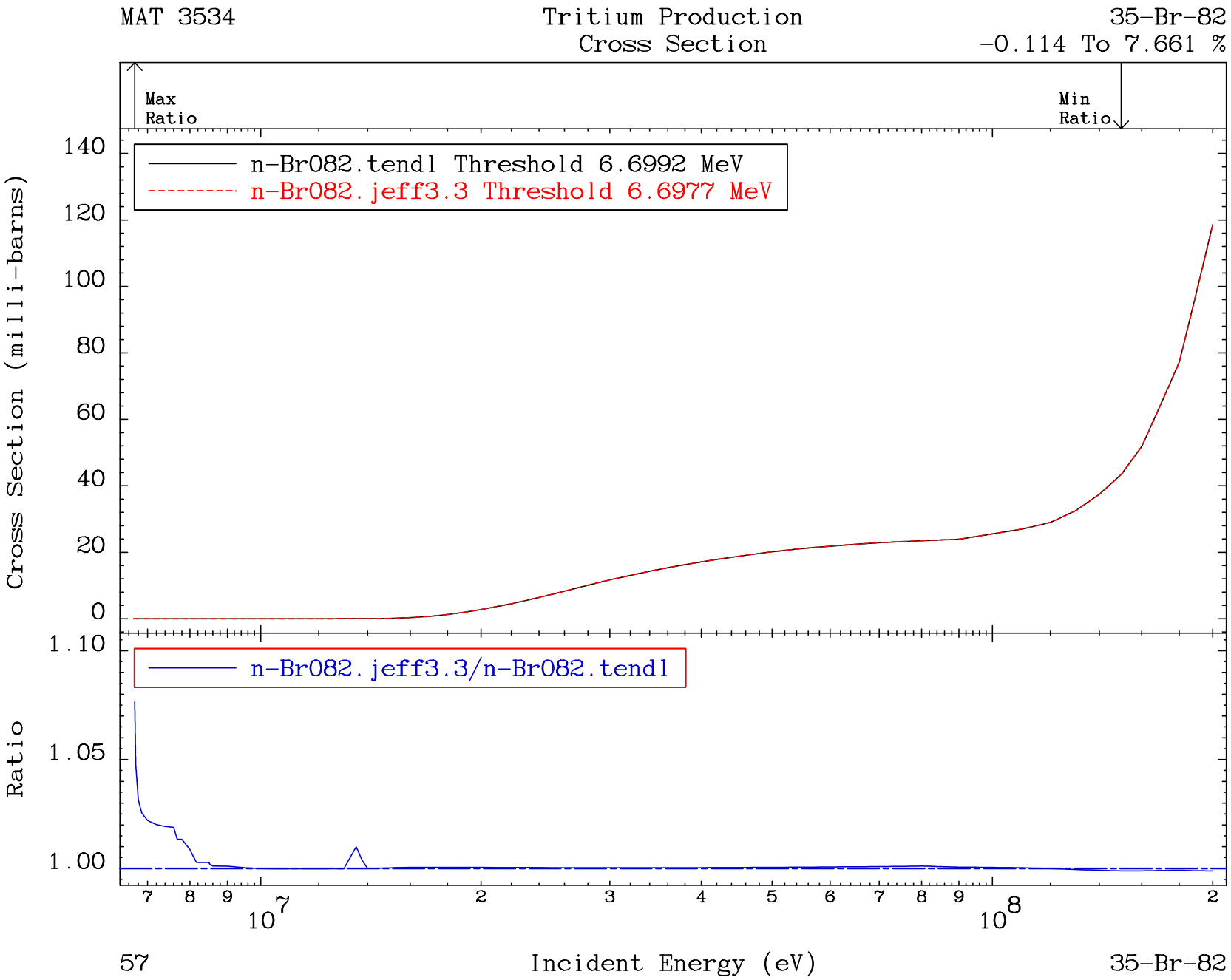

MAT 3534
(n,p) d
Cross Section
35-Br-82
0.000 To 2.430 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 17.855 MeV
n-Br082.jeff3.3 Threshold 17.855 MeV
Cross Section (10^{-9} barns)
350
300
250
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.03
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
52
Incident Energy (eV)
35-Br-82

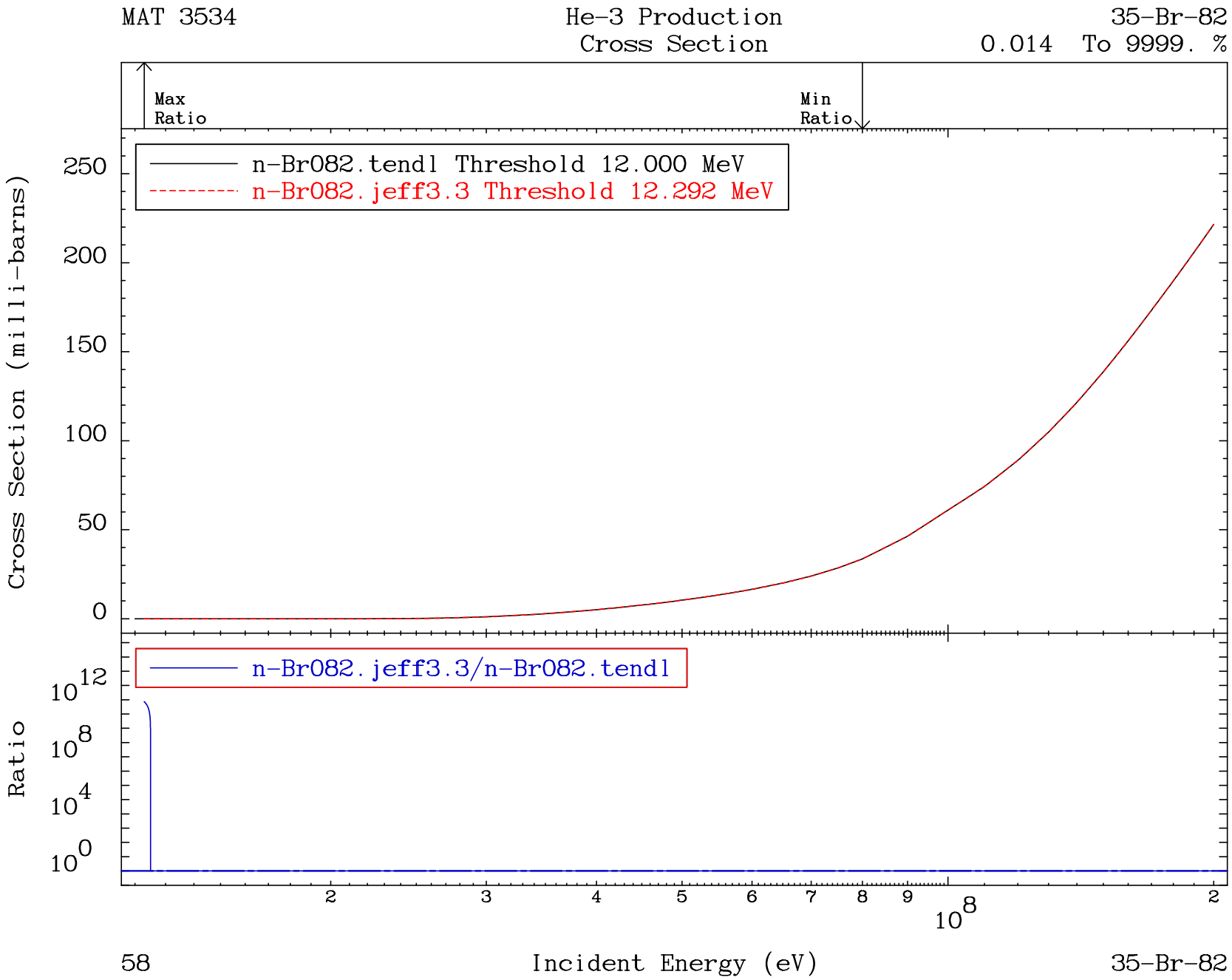

MAT 3534
(n,p) t
Cross Section
35-Br-82
0.000 To 2.334 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 18.252 MeV
n-Br082.jeff3.3 Threshold 18.252 MeV
Cross Section (10^{-9} barns)
300
250
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.03
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
53
Incident Energy (eV)
35-Br-82

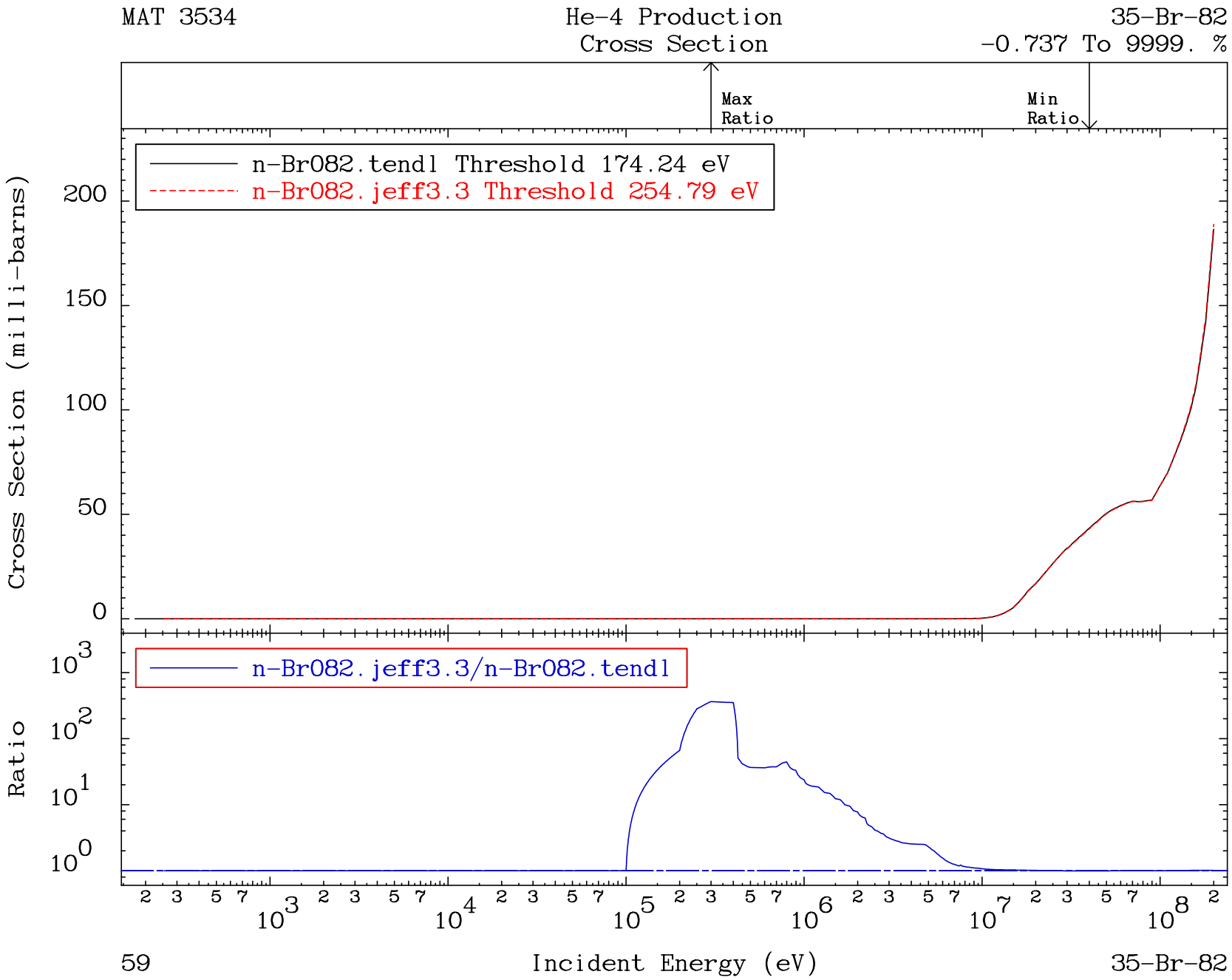

MAT 3534
(n,d) α
Cross Section
35-Br-82
-95.38 To 2325. %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 13.945 MeV
n-Br082.jeff3.3 Threshold 13.943 MeV
Cross Section (10^{-9} barns)
70
60
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^{1}
10^{0}
10^{-1}
2
3
4
5
6
7
8
9
10^{8}
2
54
Incident Energy (eV)
35-Br-82

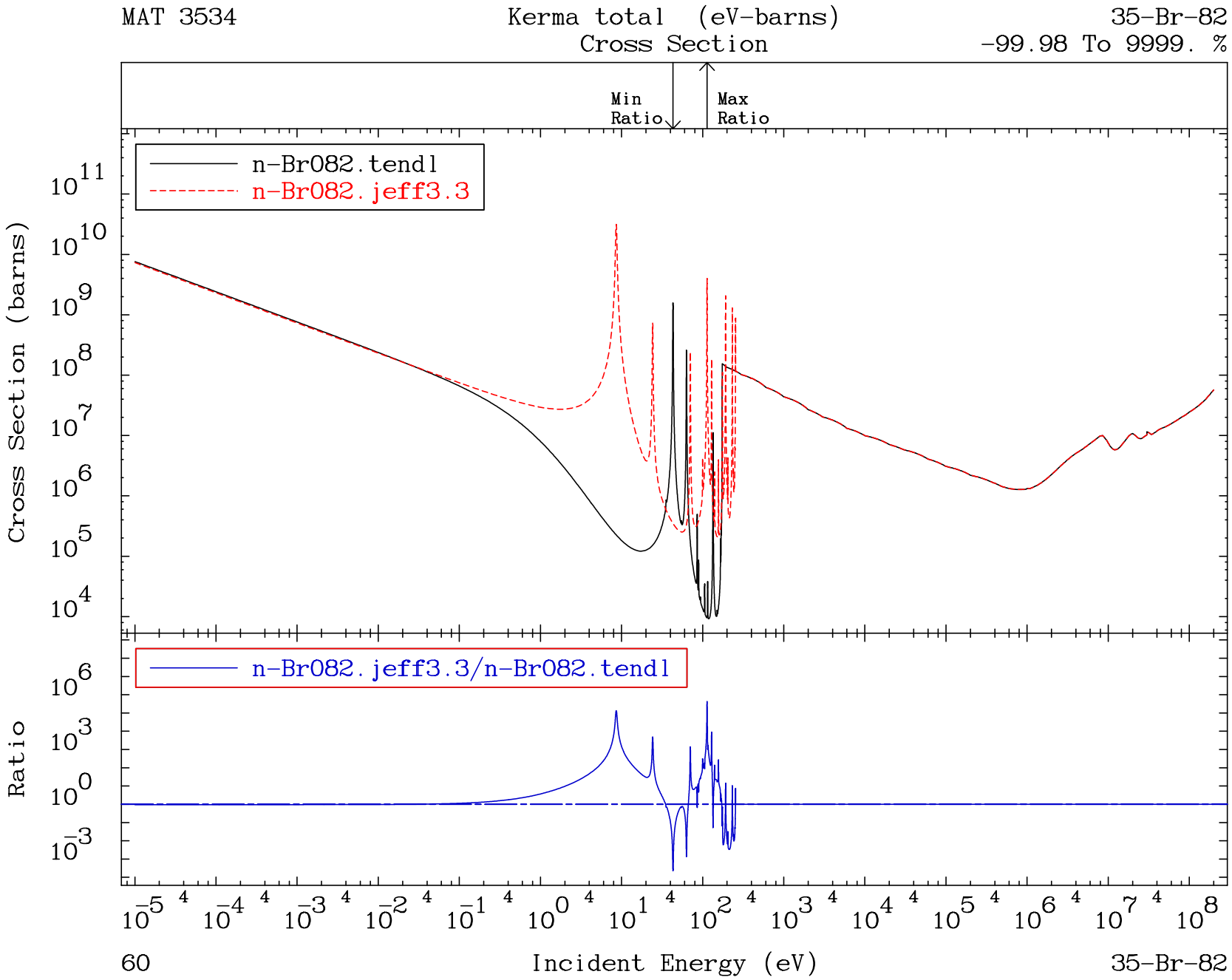

MAT 3534
Hydrogen Production
Cross Section
35-Br-82
-2.158 To 8.124 %
Min
Ratio
Max
Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
55
35-Br-82

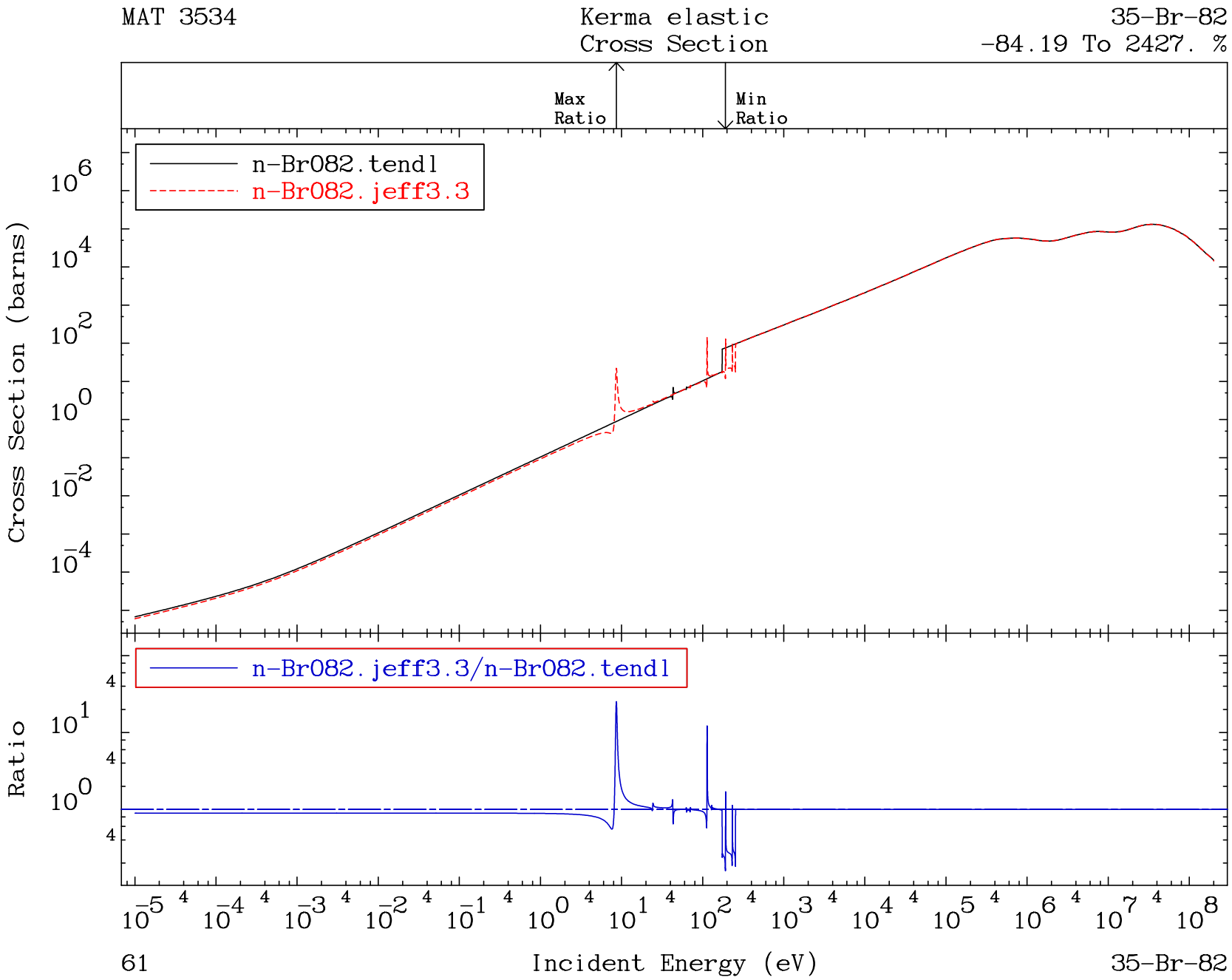

MAT 3534
Deuterium Production
Cross Section
35-Br-82
-0.108 To 13.33 %
Max
Ratio
Min
Ratio
n-Br082.tendl Threshold 6.2501 MeV
n-Br082.jeff3.3 Threshold 6.2487 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.15
1.10
1.05
1.00
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
56
Incident Energy (eV)
35-Br-82

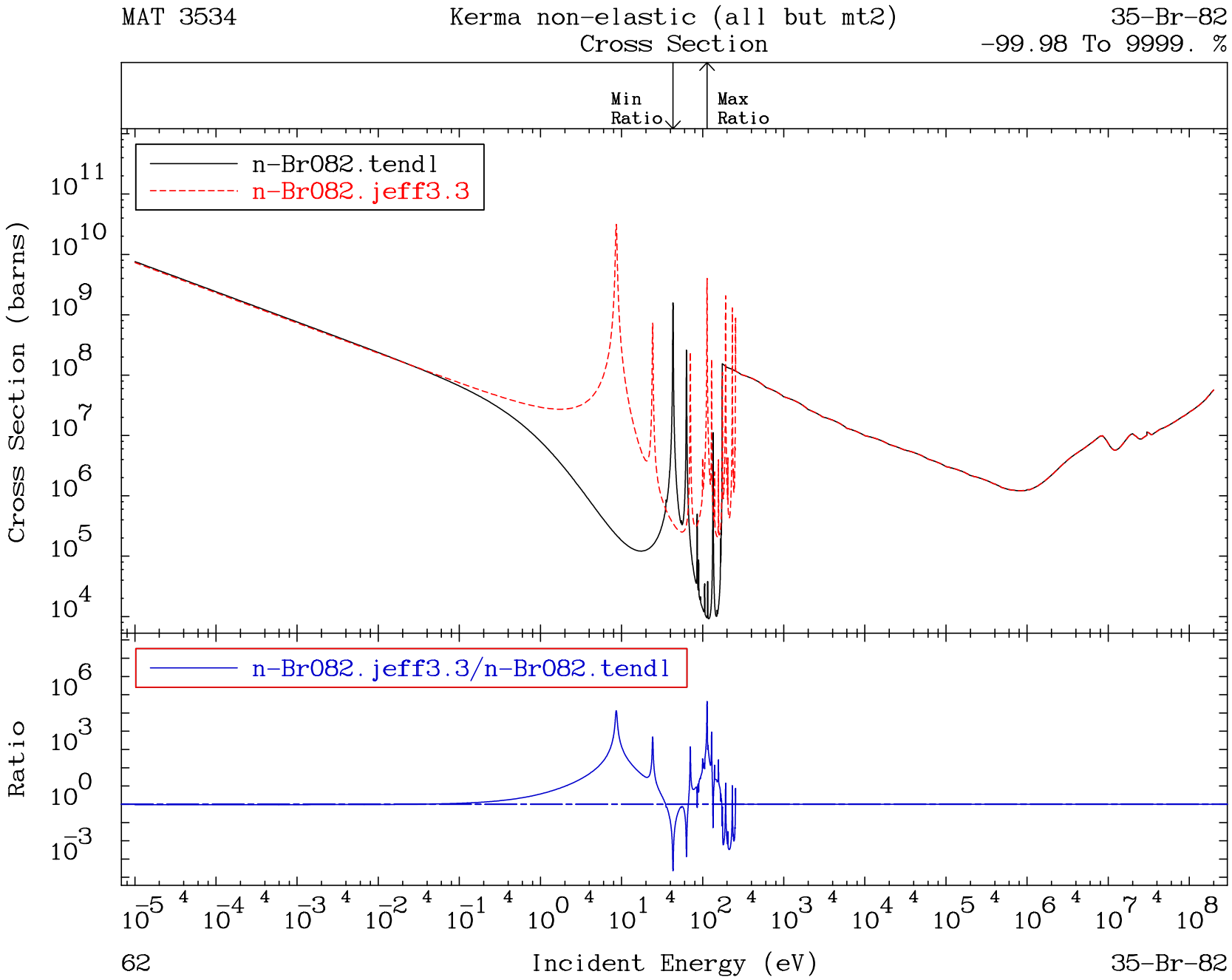

MAT 3534
Tritium Production
Cross Section
35-Br-82
-0.114 To 7.661 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 6.6992 MeV
n-Br082.jeff3.3 Threshold 6.6977 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.10
1.05
1.00
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
57
Incident Energy (eV)
35-Br-82

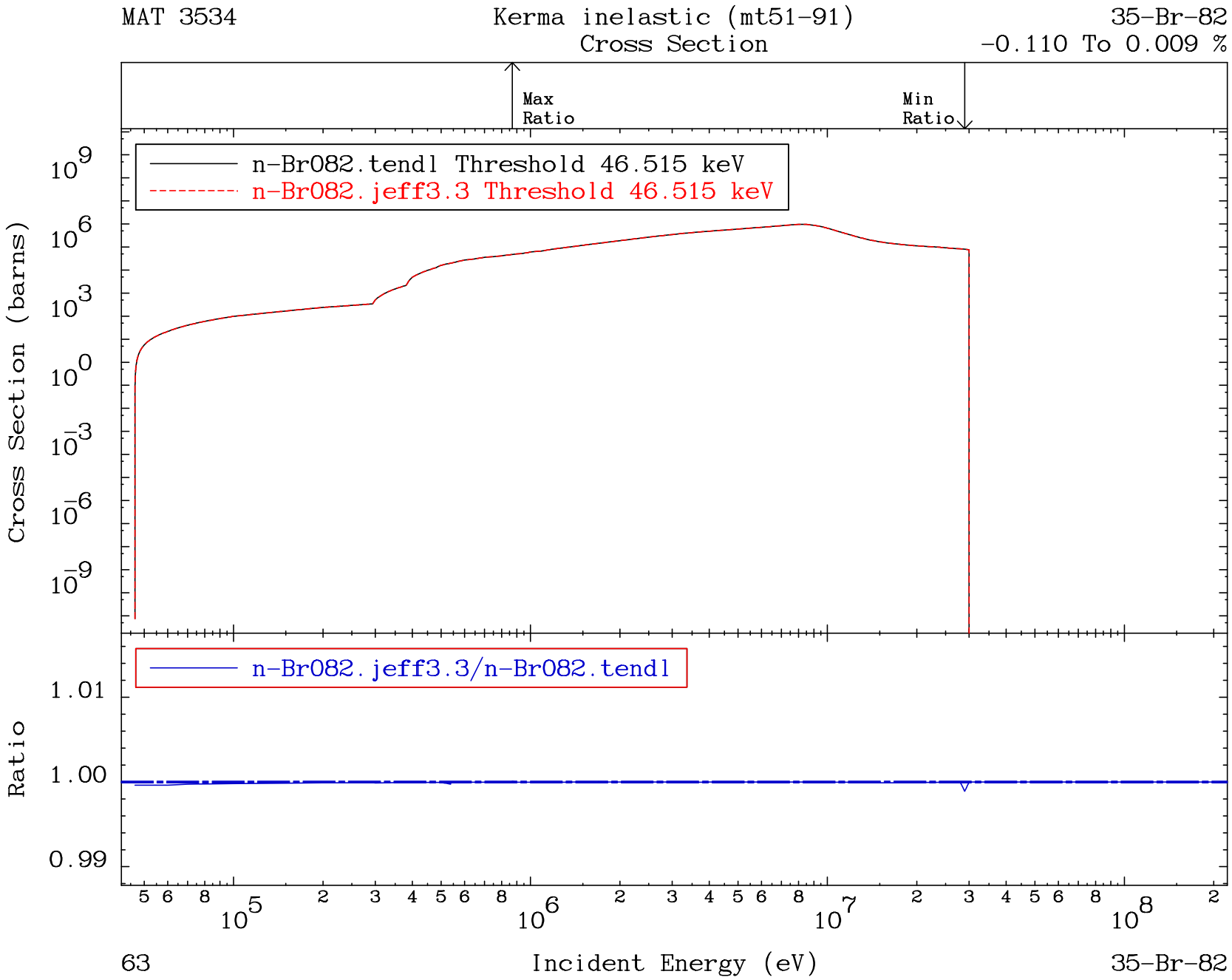

MAT 3534
He-3 Production
Cross Section
35-Br-82
0.014 To 9999. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 12.000 MeV
n-Br082.jeff3.3 Threshold 12.292 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^12
10^8
10^4
10^0
2
3
4
5
6
7
8
9
10^8
2
58
Incident Energy (eV)
35-Br-82

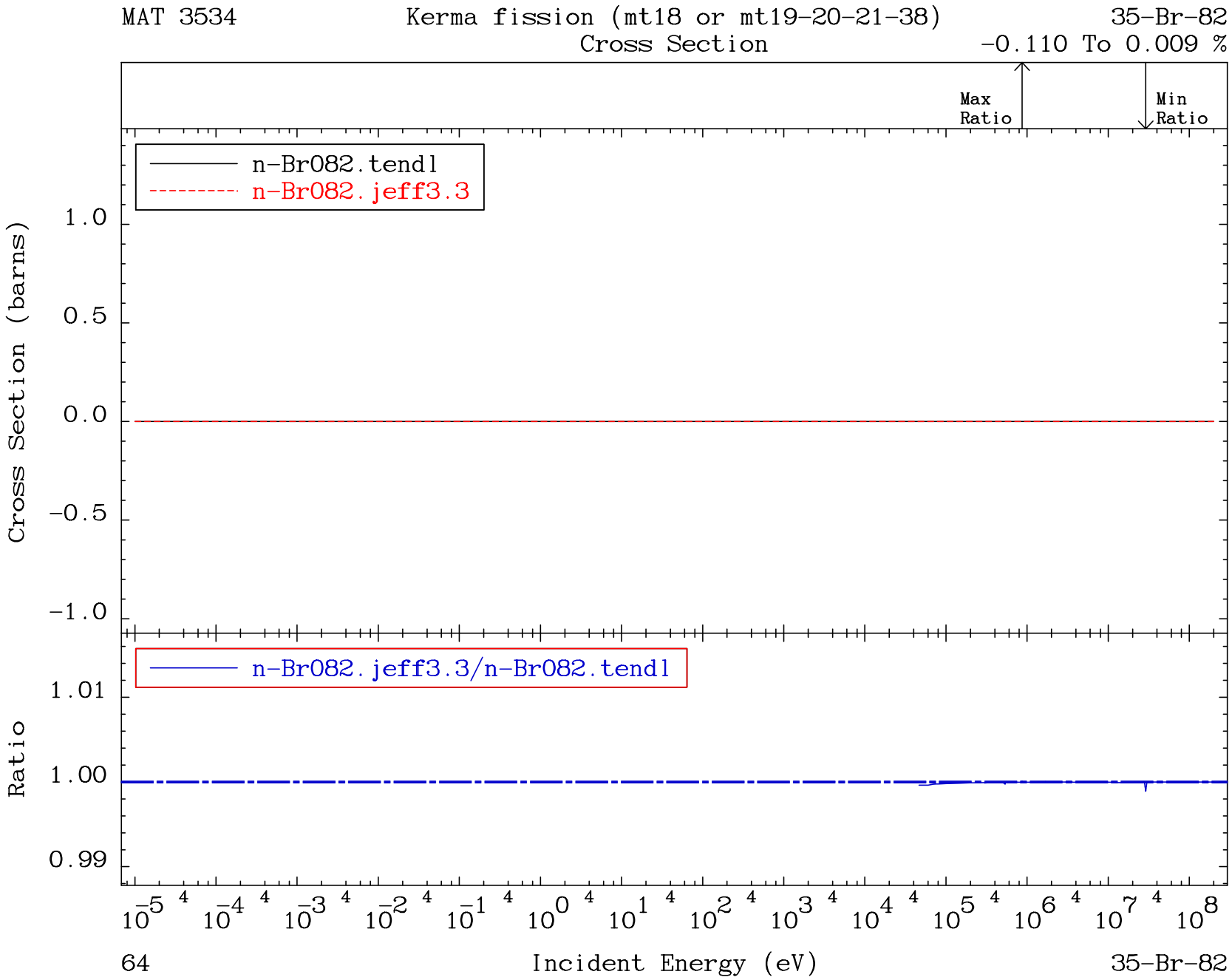

MAT 3534
He-4 Production
Cross Section
35-Br-82
-0.737 To 9999. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 174.24 eV
n-Br082.jeff3.3 Threshold 254.79 eV
Cross Section (milli-barns)
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^3
10^2
10^1
10^0
2 3 5 7 10^3 2 3 5 7 10^4 2 3 5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
59
Incident Energy (eV)
35-Br-82

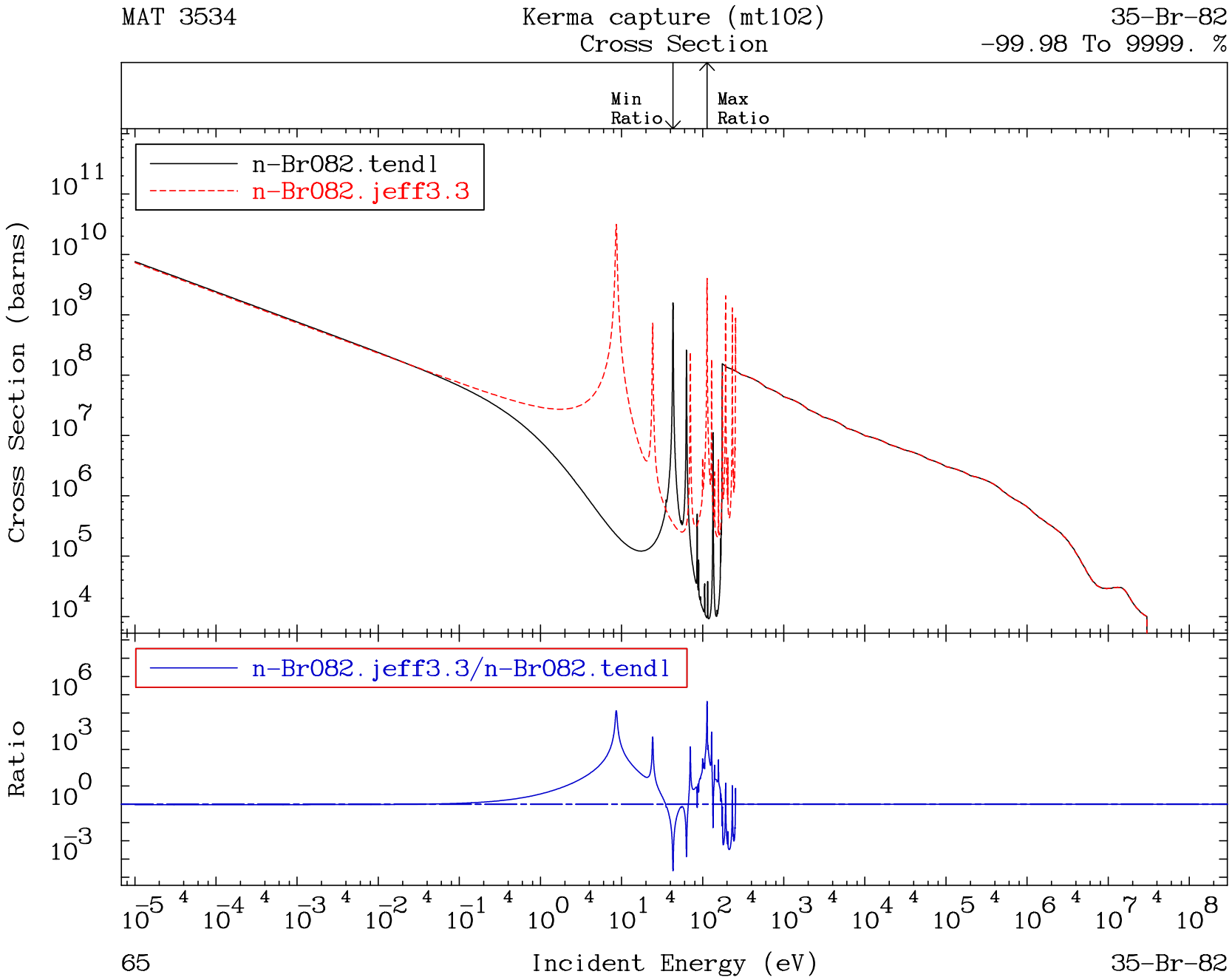

MAT 3534
Kerma total (eV-barns)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
60
35-Br-82

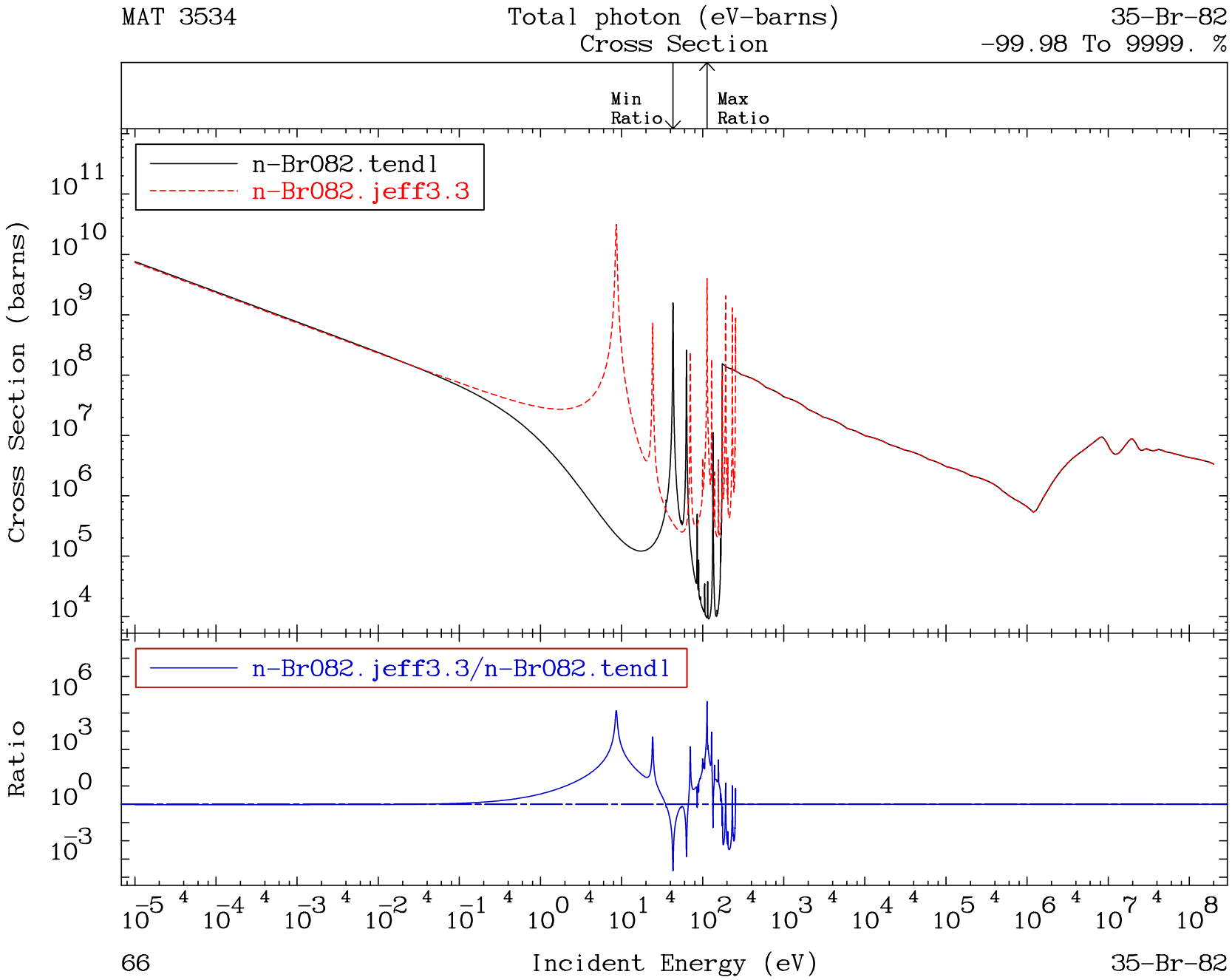

MAT 3534
Kerma elastic
Cross Section
35-Br-82
-84.19 To 2427. %
Max
Ratio
Min
Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
61
35-Br-82

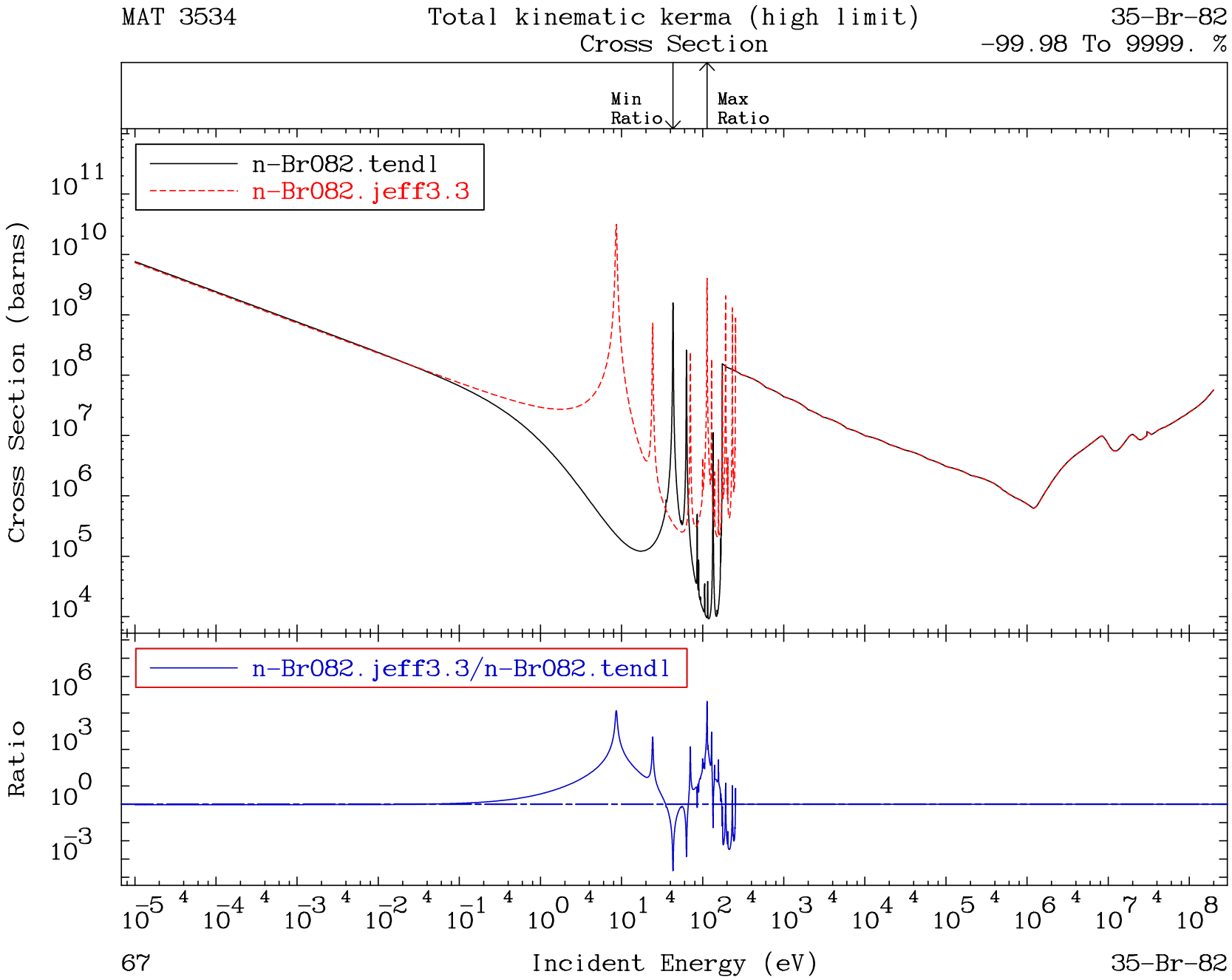

MAT 3534
Kerma non-elastic (all but mt2)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
62
35-Br-82

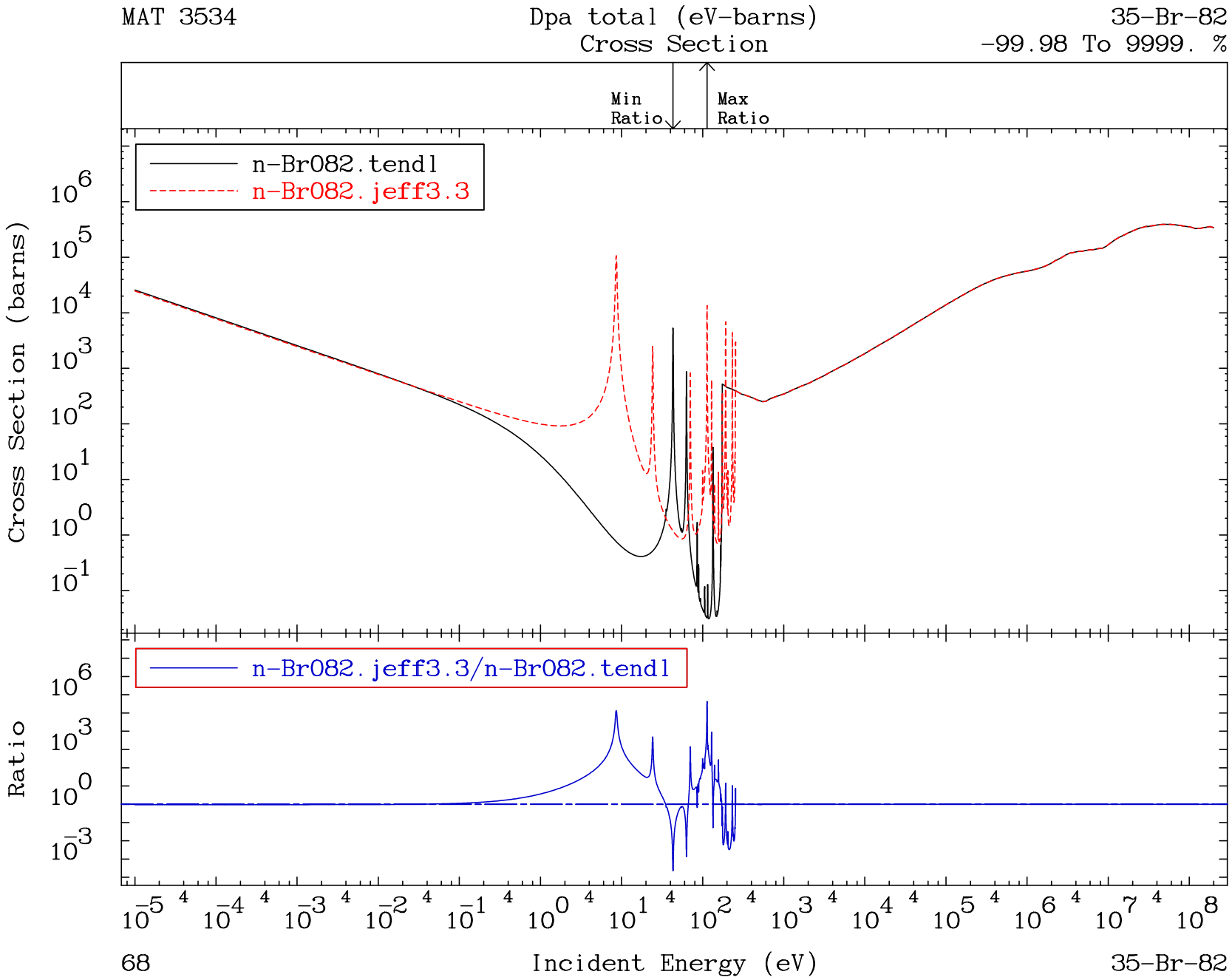

MAT 3534
Kerma inelastic (mt51-91)
Cross Section
35-Br-82
-0.110 To 0.009 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 46.515 keV
n-Br082.jeff3.3 Threshold 46.515 keV
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
63
35-Br-82

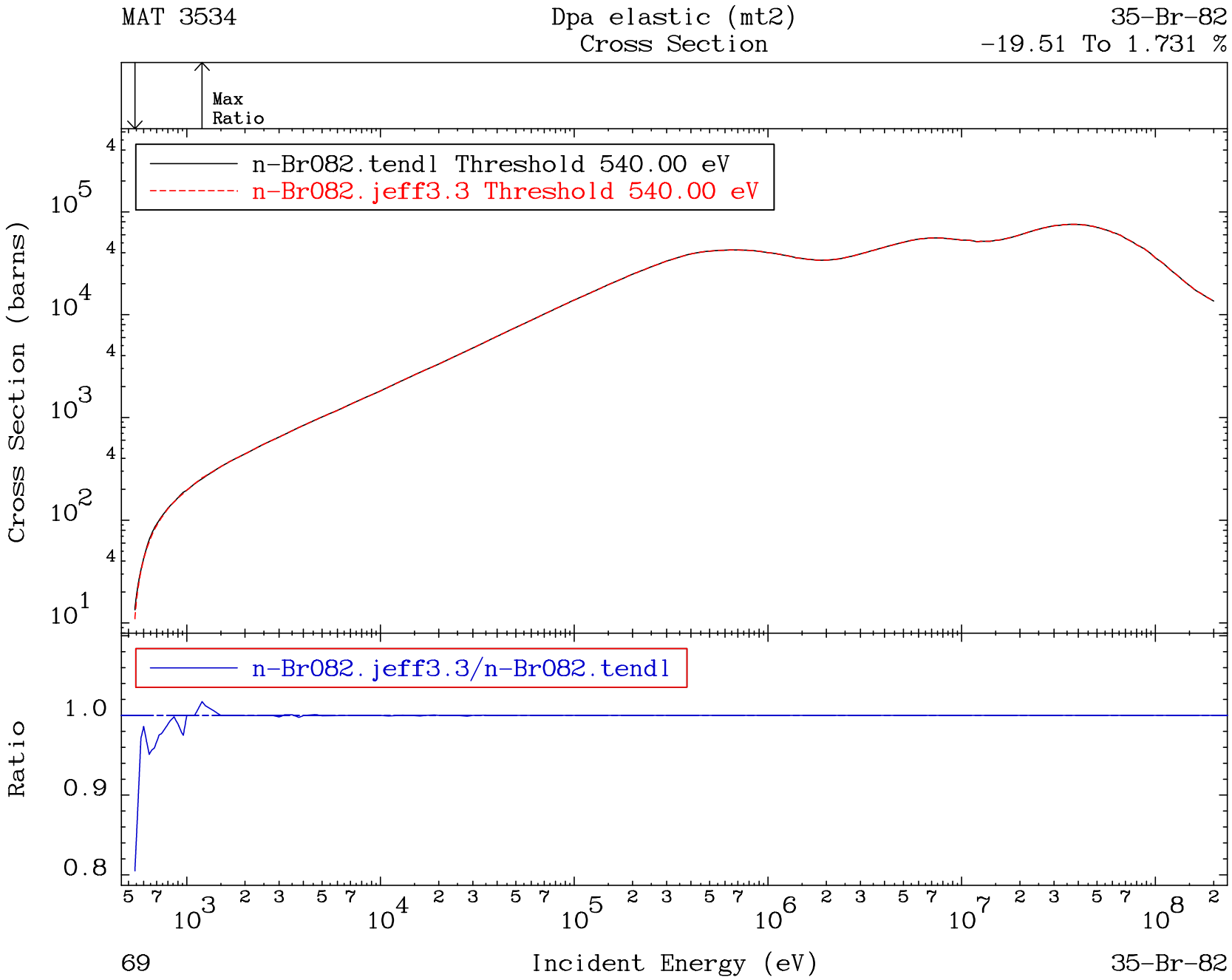

MAT 3534
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
35-Br-82
-0.110 To 0.009 %
Max Ratio
Min Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
64
Incident Energy (eV)
35-Br-82

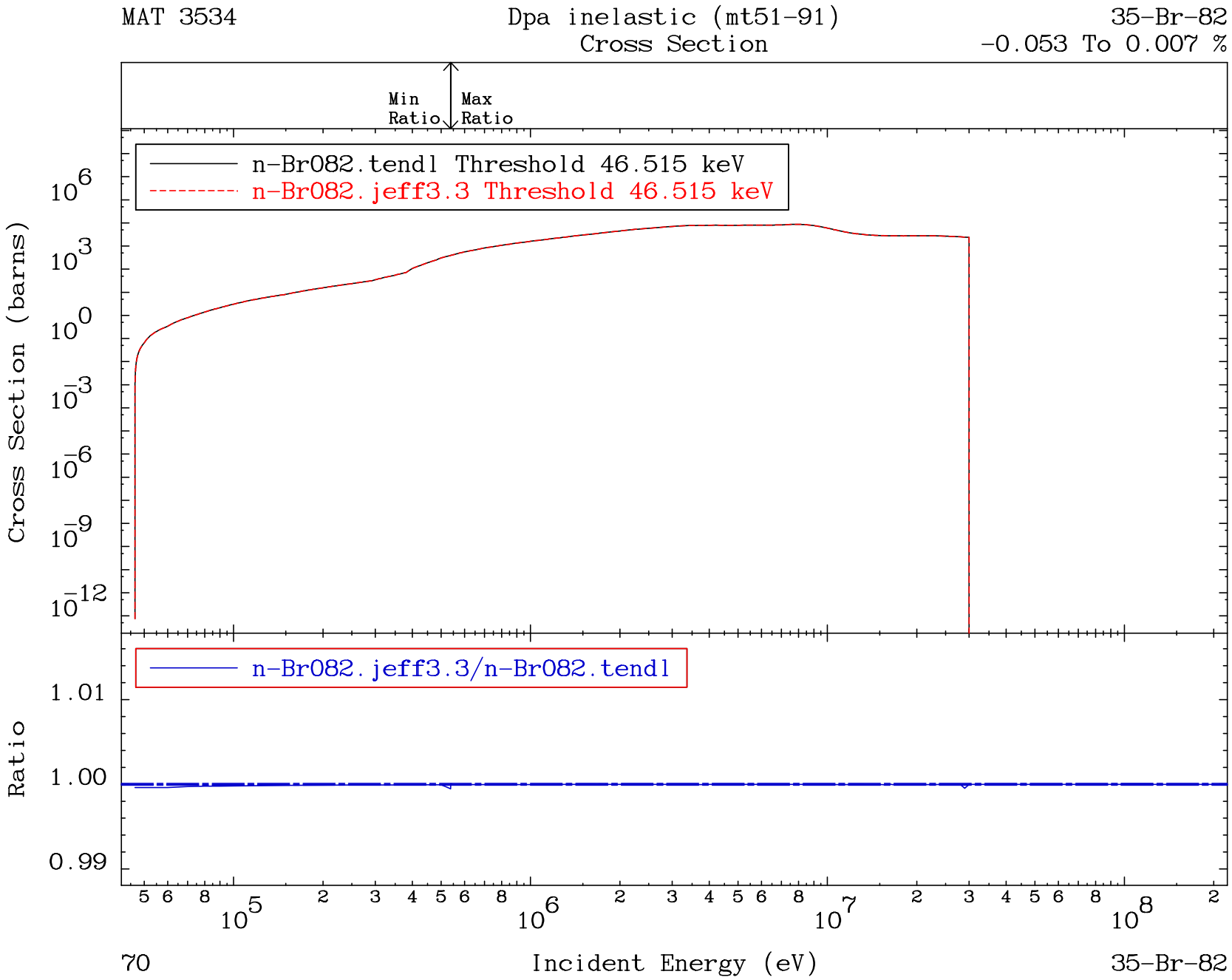

MAT 3534
Kerma capture (mt102)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
65
35-Br-82

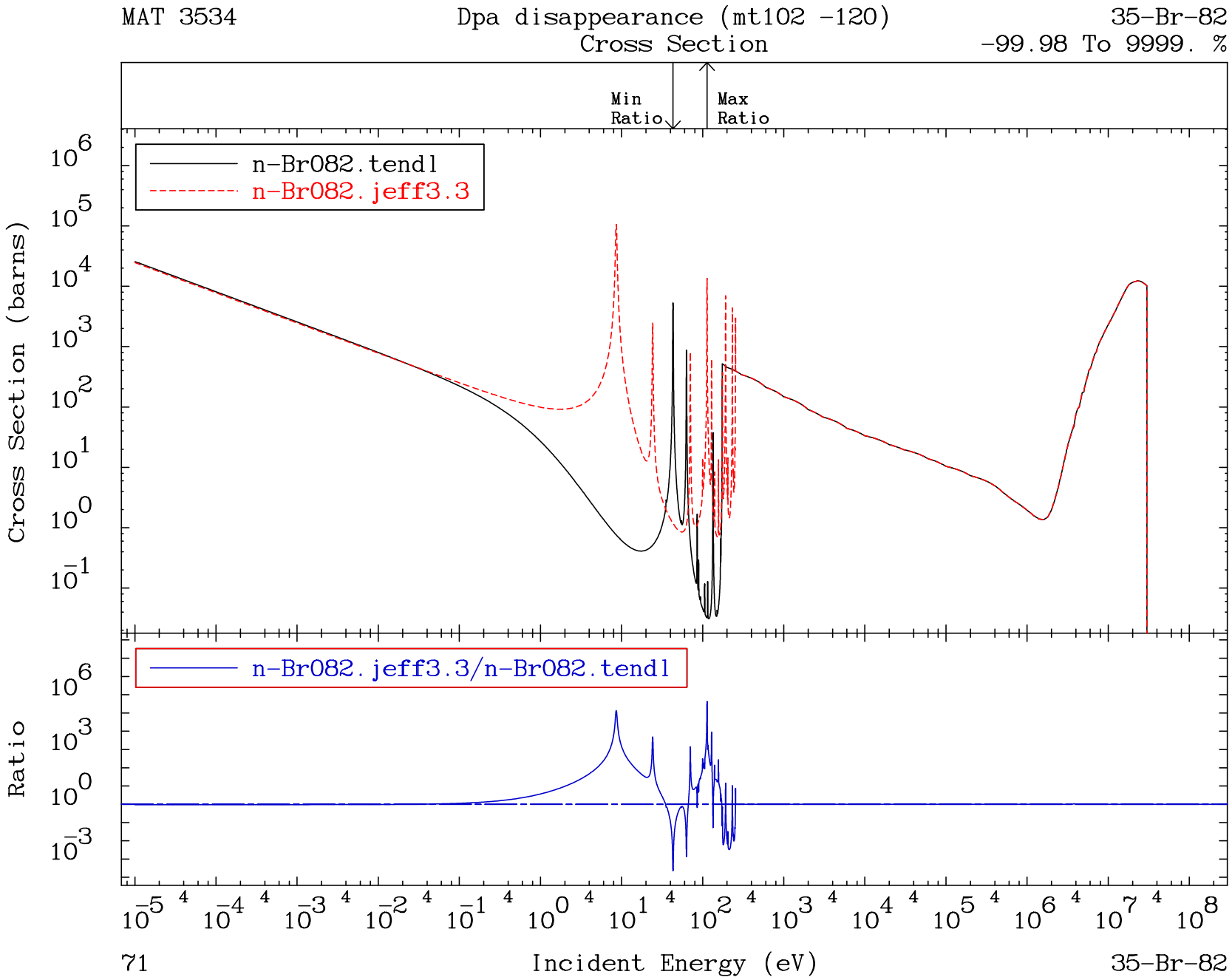

MAT 3534
Total photon (eV-barns)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
66
35-Br-82

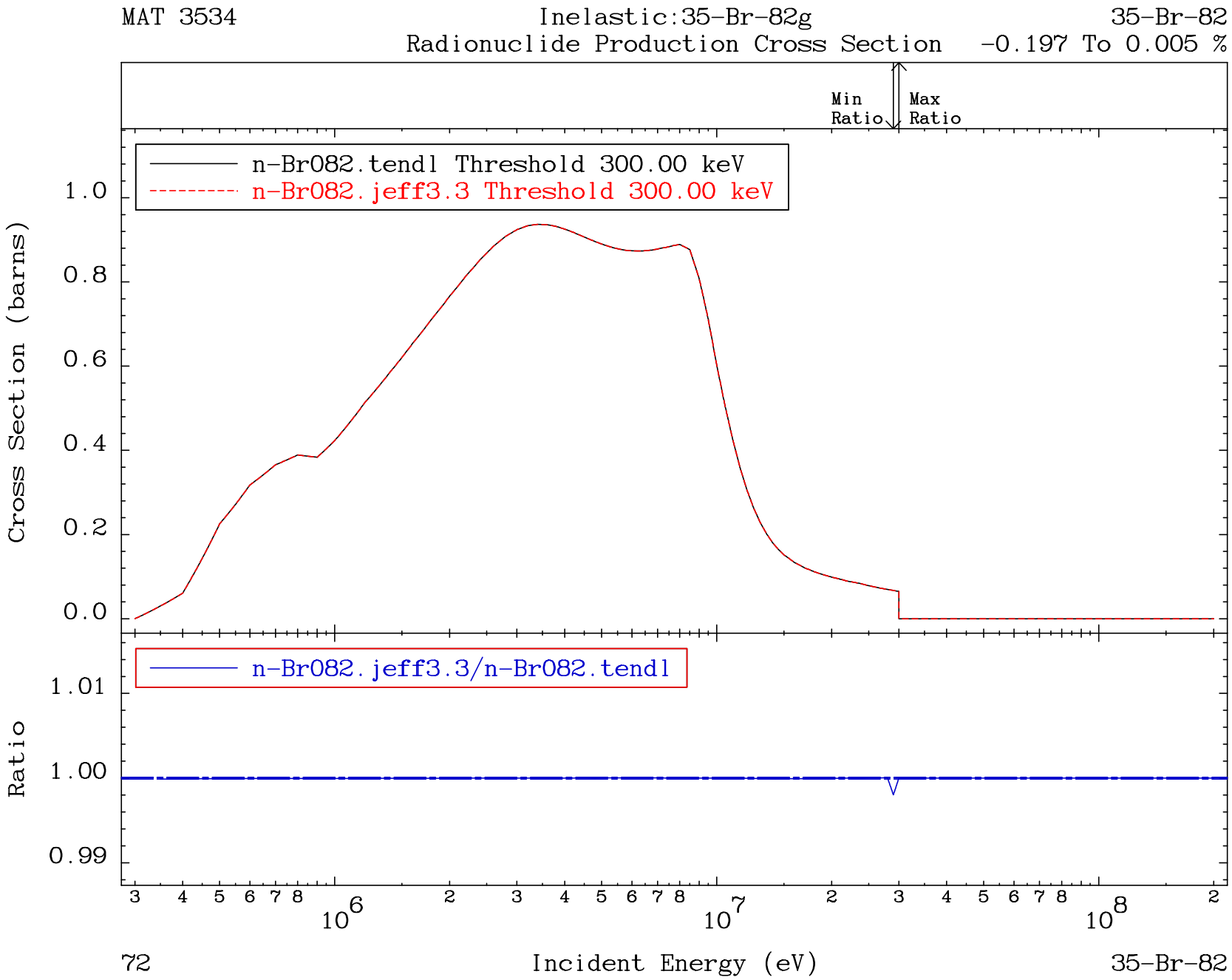

MAT 3534
Total kinematic kerma (high limit)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
67
35-Br-82

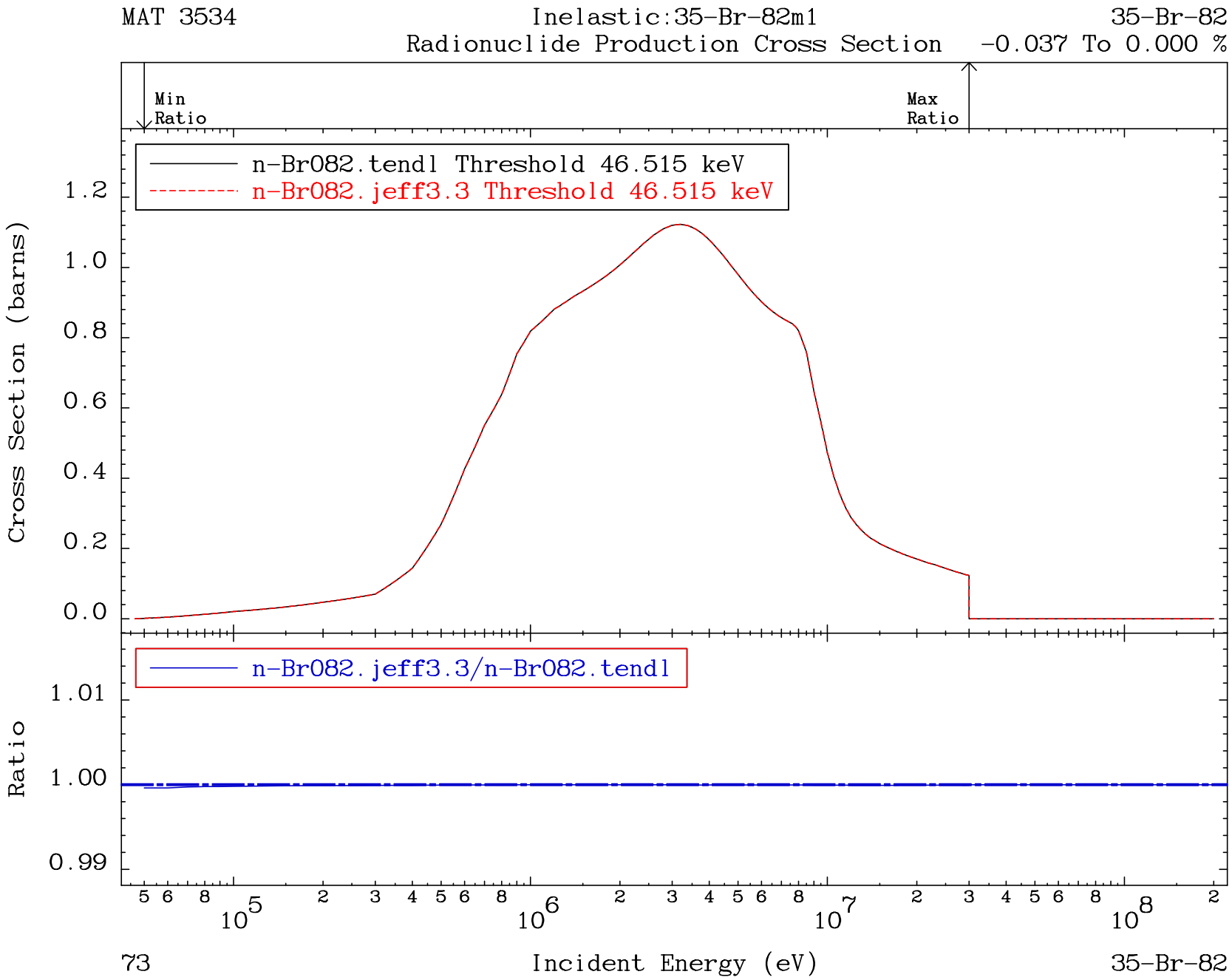

MAT 3534
Dpa total (eV-barns)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
68
35-Br-82

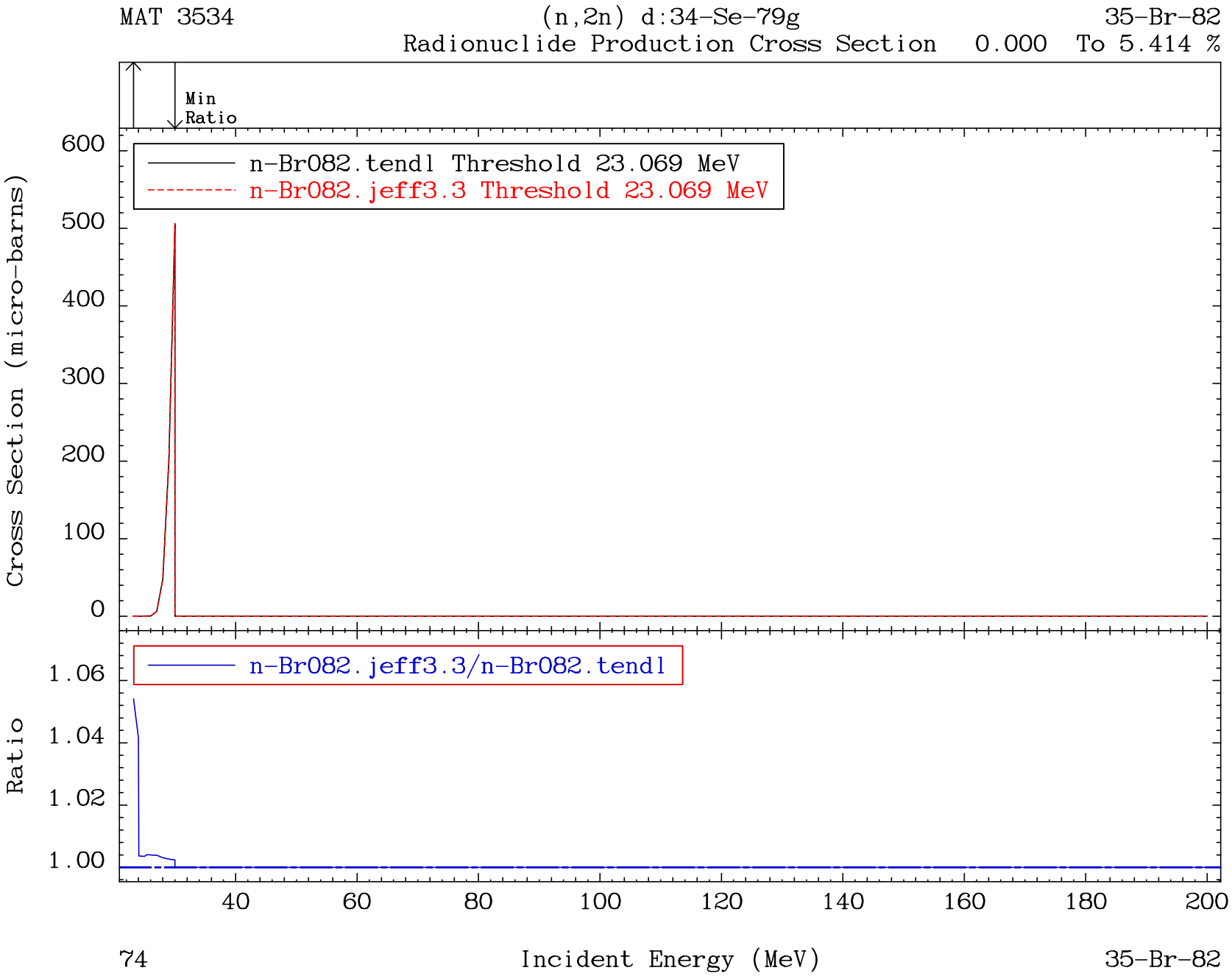

MAT 3534
Dpa elastic (mt2)
Cross Section
35-Br-82
-19.51 To 1.731 %
Max
Ratio
n-Br082.tendl Threshold 540.00 eV
n-Br082.jeff3.3 Threshold 540.00 eV
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
69
35-Br-82

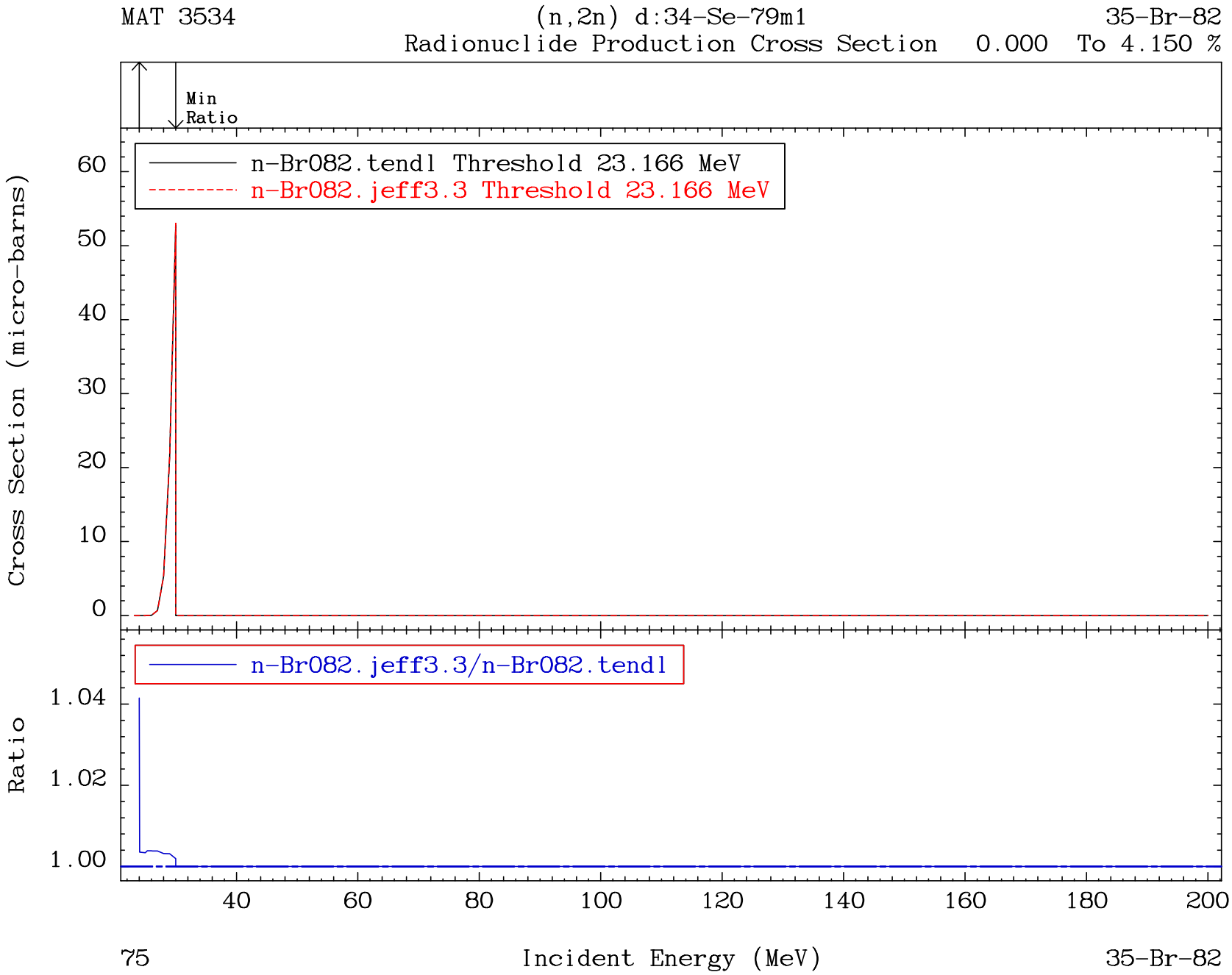

MAT 3534
Dpa inelastic (mt51-91)
Cross Section
35-Br-82
-0.053 To 0.007 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 46.515 keV
n-Br082.jeff3.3 Threshold 46.515 keV
Cross Section (barns)
10^6
10^3
10^0
10^-3
10^-6
10^-9
10^-12
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
70
Incident Energy (eV)
35-Br-82

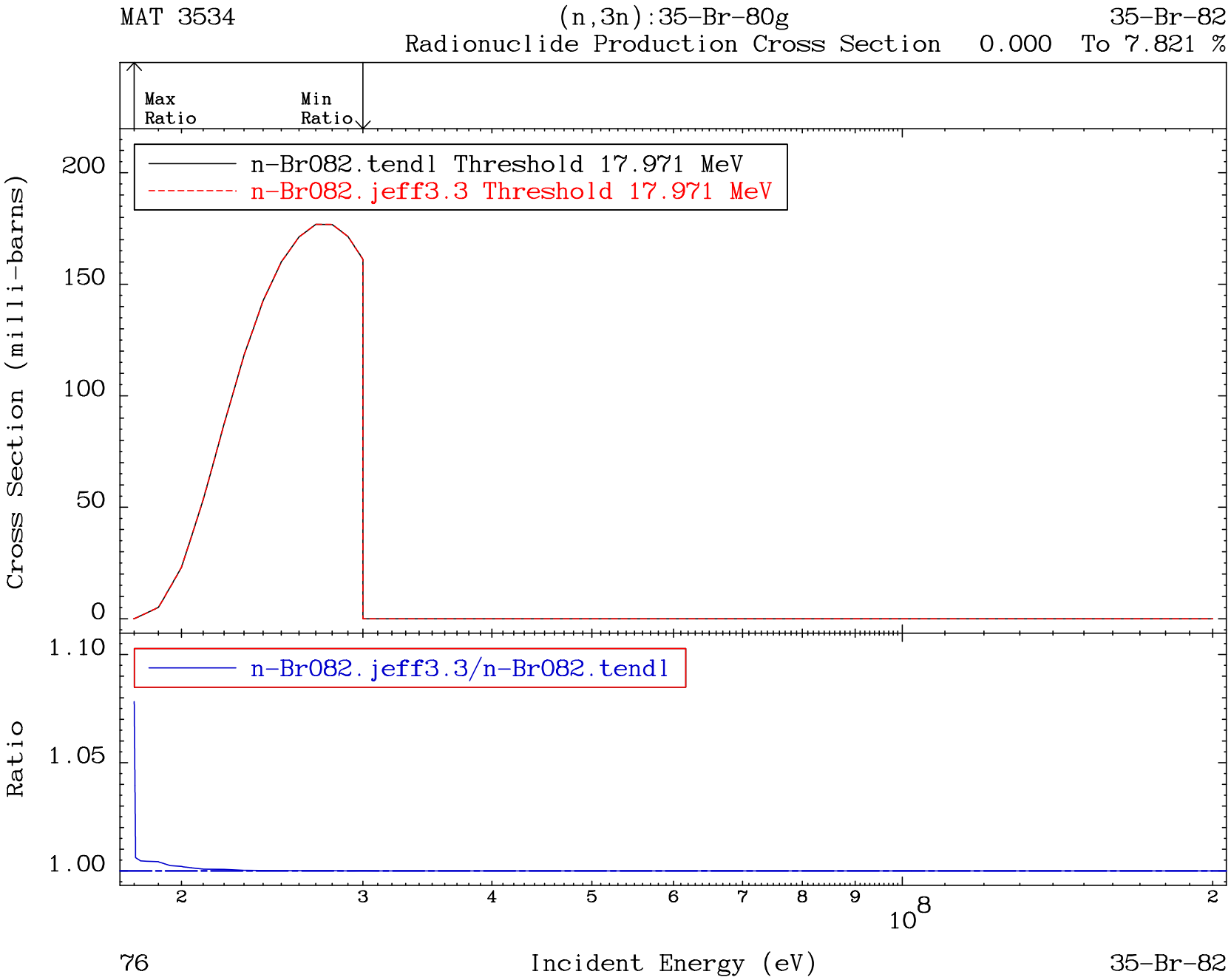

MAT 3534
Dpa disappearance (mt102 -120)
Cross Section
35-Br-82
-99.98 To 9999. %
Min Ratio
Max Ratio
n-Br082.tendl
n-Br082.jeff3.3
Cross Section (barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
71
35-Br-82

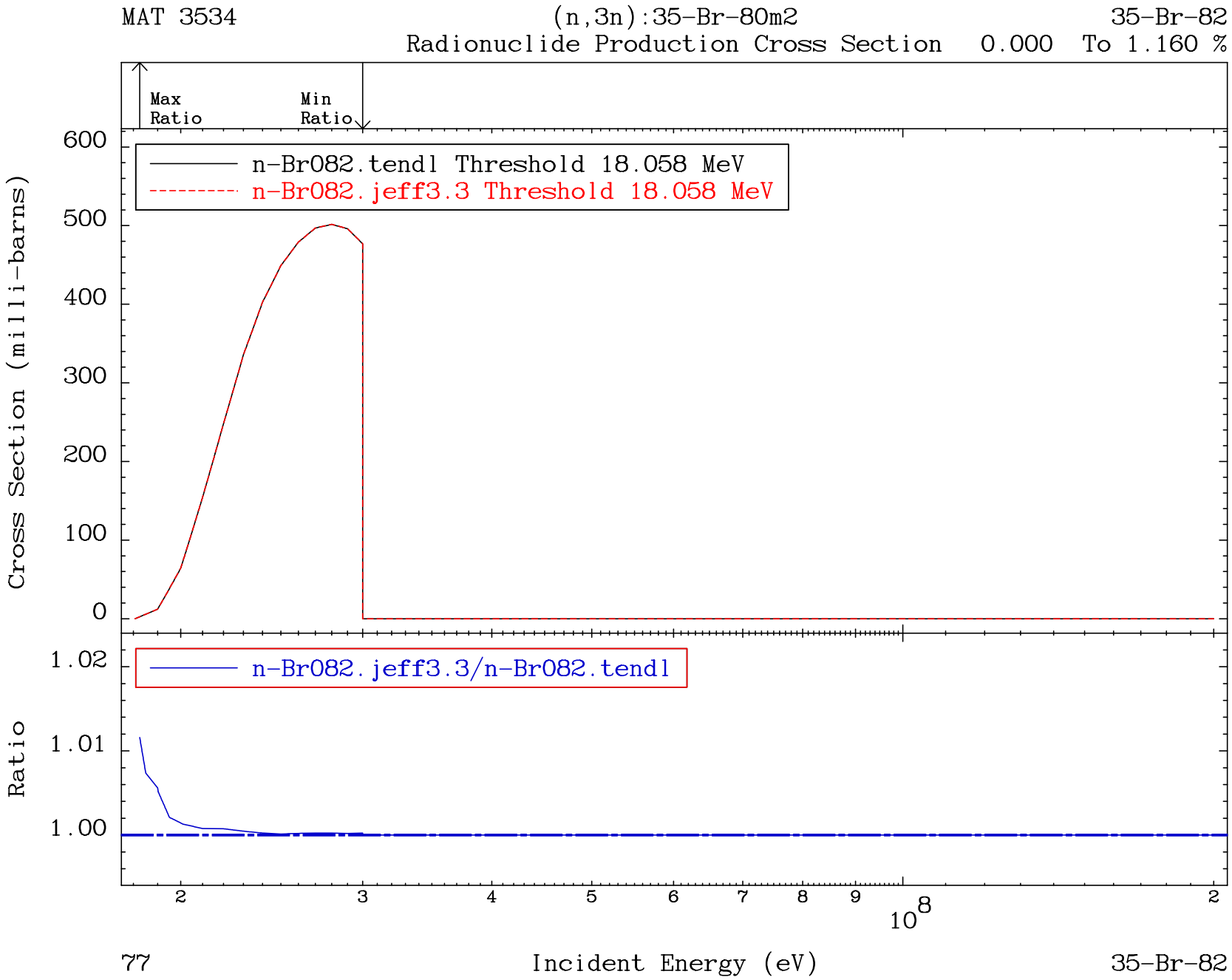

MAT 3534
Inelastic:35-Br-82g
35-Br-82
Radionuclide Production Cross Section
-0.197 To 0.005 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 300.00 keV
n-Br082.jeff3.3 Threshold 300.00 keV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
72
Incident Energy (eV)
35-Br-82

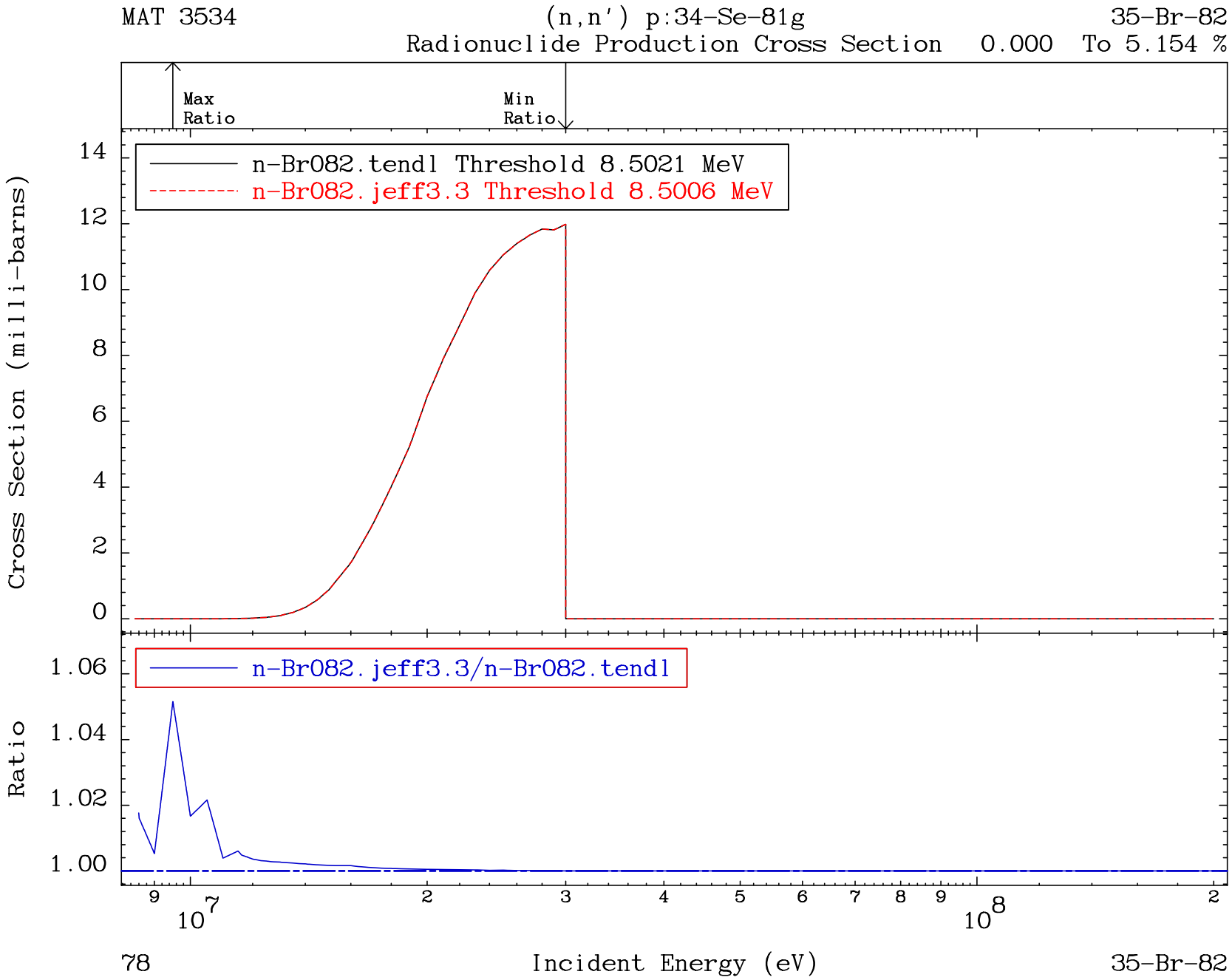

MAT 3534
Inelastic:35-Br-82m1
35-Br-82
Radionuclide Production Cross Section
-0.037 To 0.000 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 46.515 keV
n-Br082.jeff3.3 Threshold 46.515 keV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
5 6 8 10^5 2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
73
Incident Energy (eV)
35-Br-82

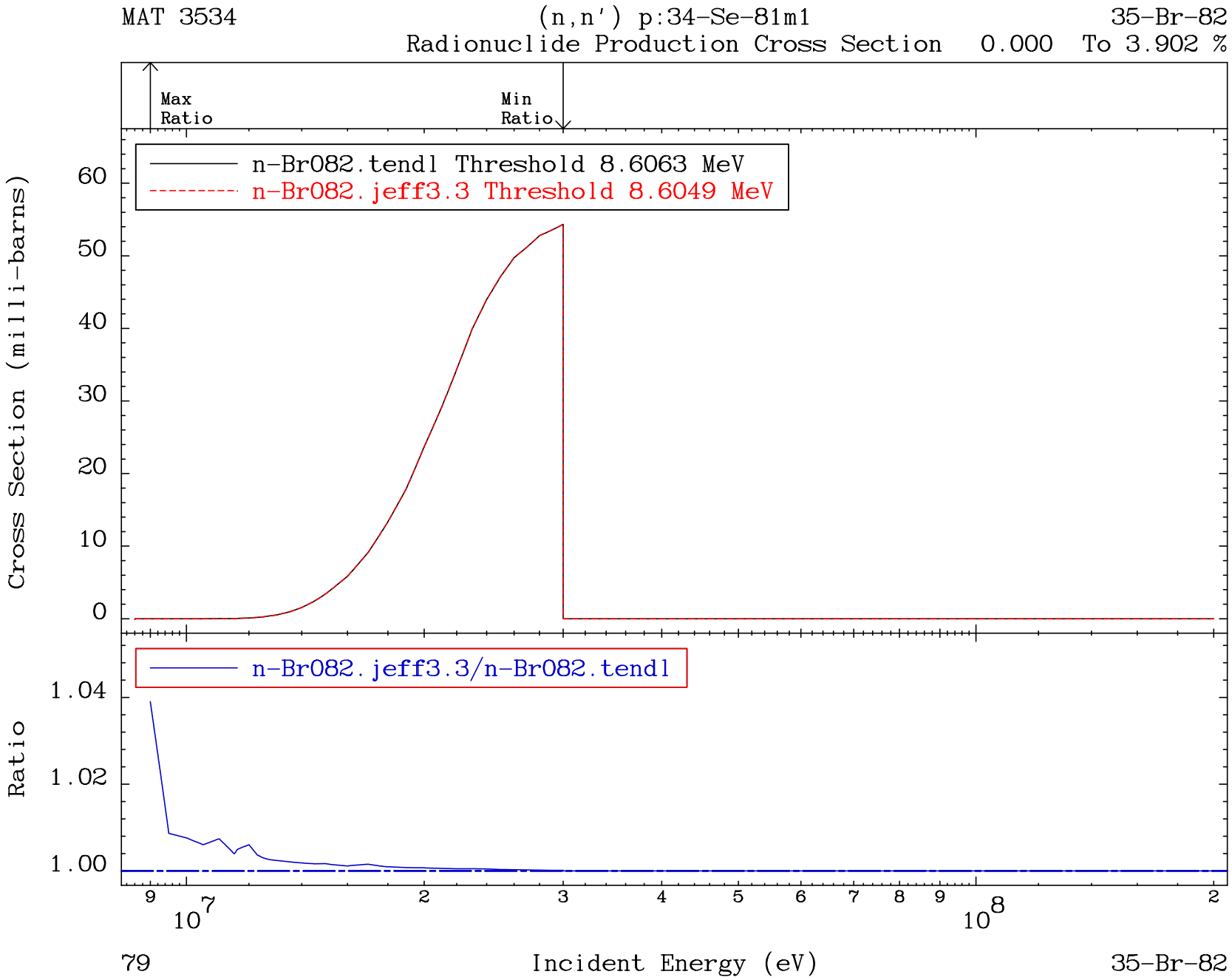

MAT 3534
(n,2n) d:34-Se-79g
35-Br-82
Radionuclide Production Cross Section 0.000 To 5.414 %
Min Ratio
n-Br082.tendl Threshold 23.069 MeV
n-Br082.jeff3.3 Threshold 23.069 MeV
Cross Section (micro-barns)
600
500
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.06
1.04
1.02
1.00
40
60
80
100
120
140
160
180
200
74
Incident Energy (MeV)
35-Br-82

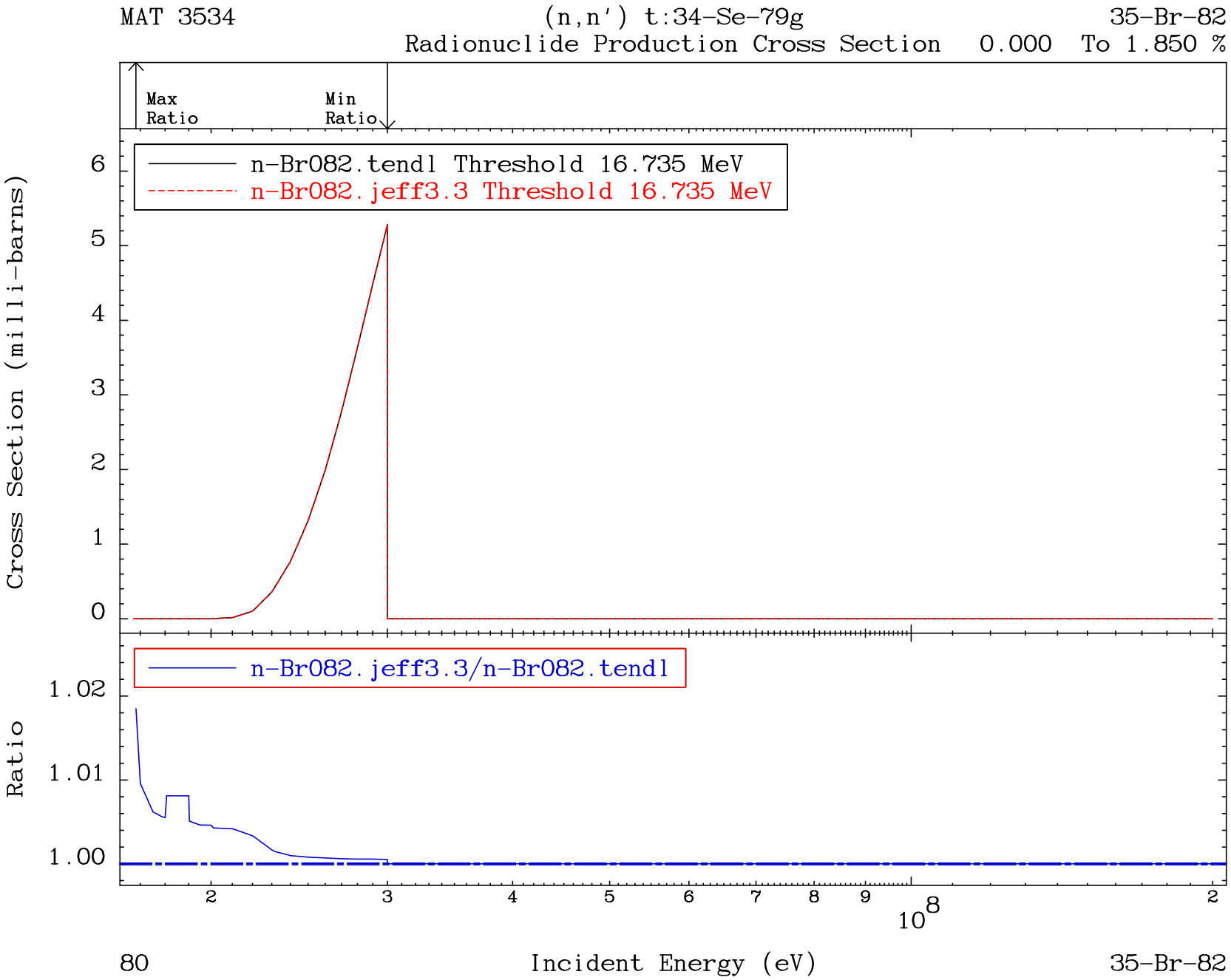

MAT 3534
(n,2n) d:34-Se-79m1
35-Br-82
Radionuclide Production Cross Section 0.000 To 4.150 %
Min Ratio
n-Br082.tendl Threshold 23.166 MeV
n-Br082.jeff3.3 Threshold 23.166 MeV
Cross Section (micro-barns)
60
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.04
1.02
1.00
40
60
80
100
120
140
160
180
200
75
Incident Energy (MeV)
35-Br-82

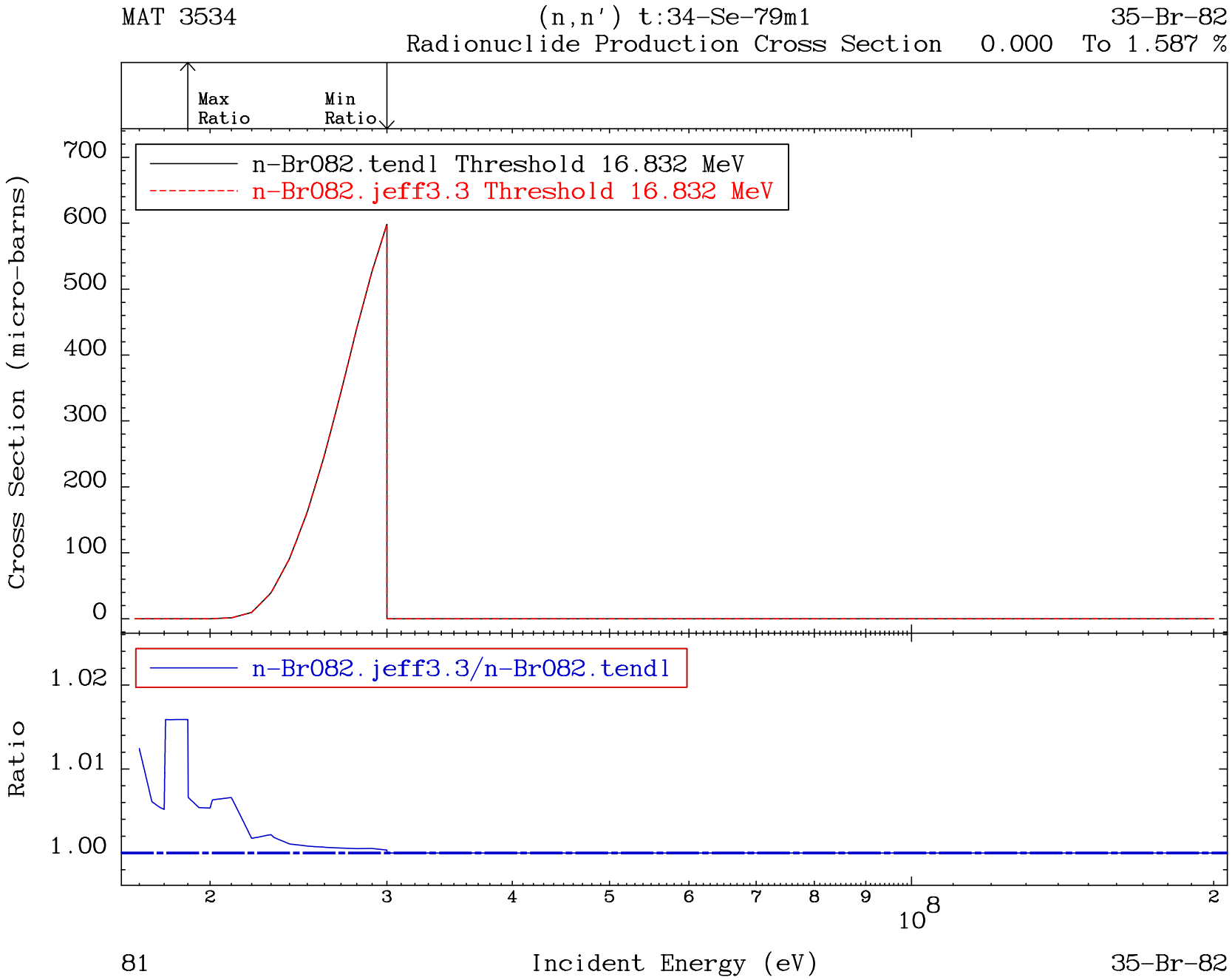

MAT 3534
(n,3n):35-Br-80g
35-Br-82
Radionuclide Production Cross Section 0.000 To 7.821 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 17.971 MeV
n-Br082.jeff3.3 Threshold 17.971 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.10
1.05
1.00
2
3
4
5
6
7
8
9
10^8
2
76
Incident Energy (eV)
35-Br-82

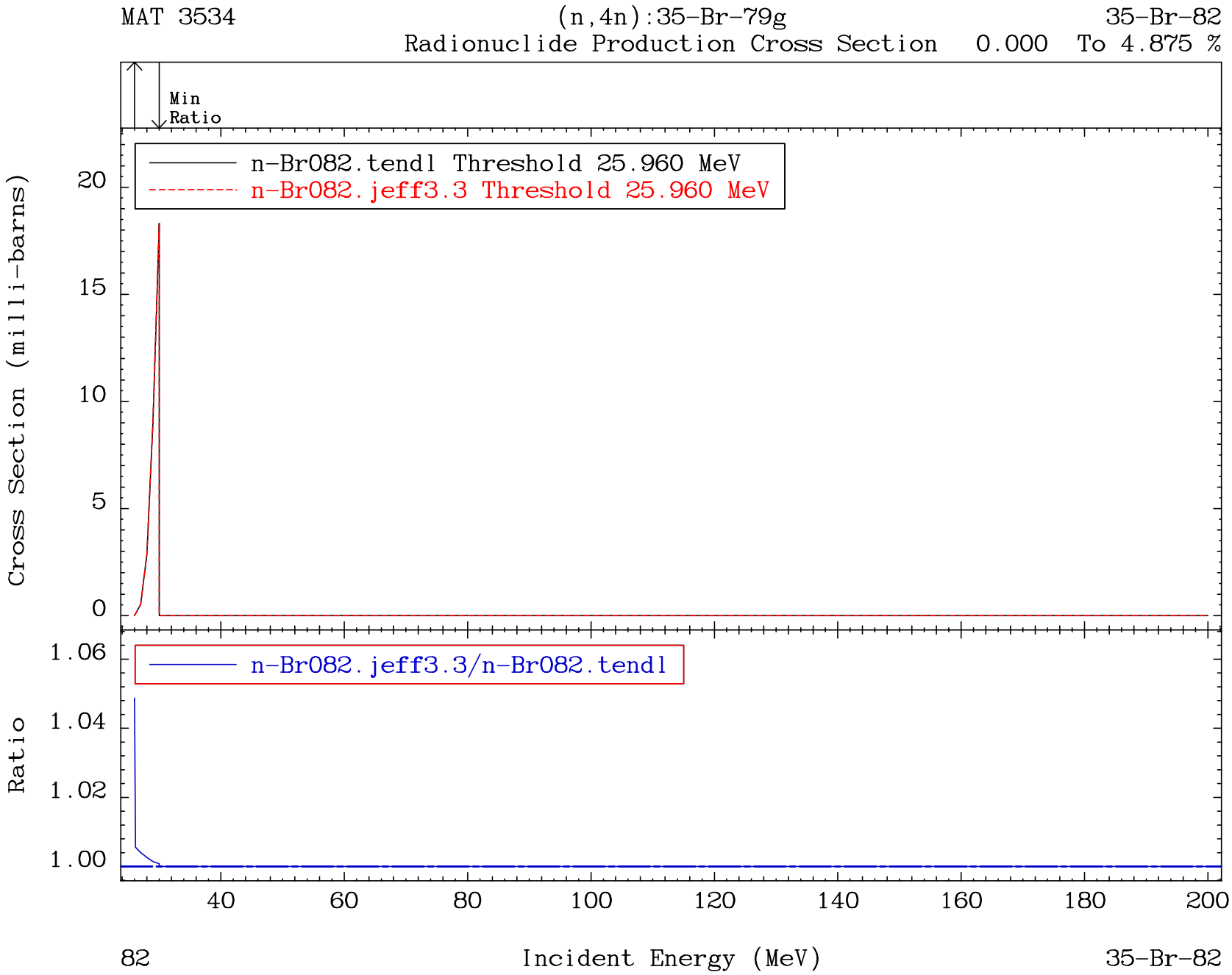

MAT 3534
(n,3n):35-Br-80m2
35-Br-82
Radionuclide Production Cross Section 0.000 To 1.160 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 18.058 MeV
n-Br082.jeff3.3 Threshold 18.058 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
2
3
4
5
6
7
8
9
10^8
2
77
Incident Energy (eV)
35-Br-82

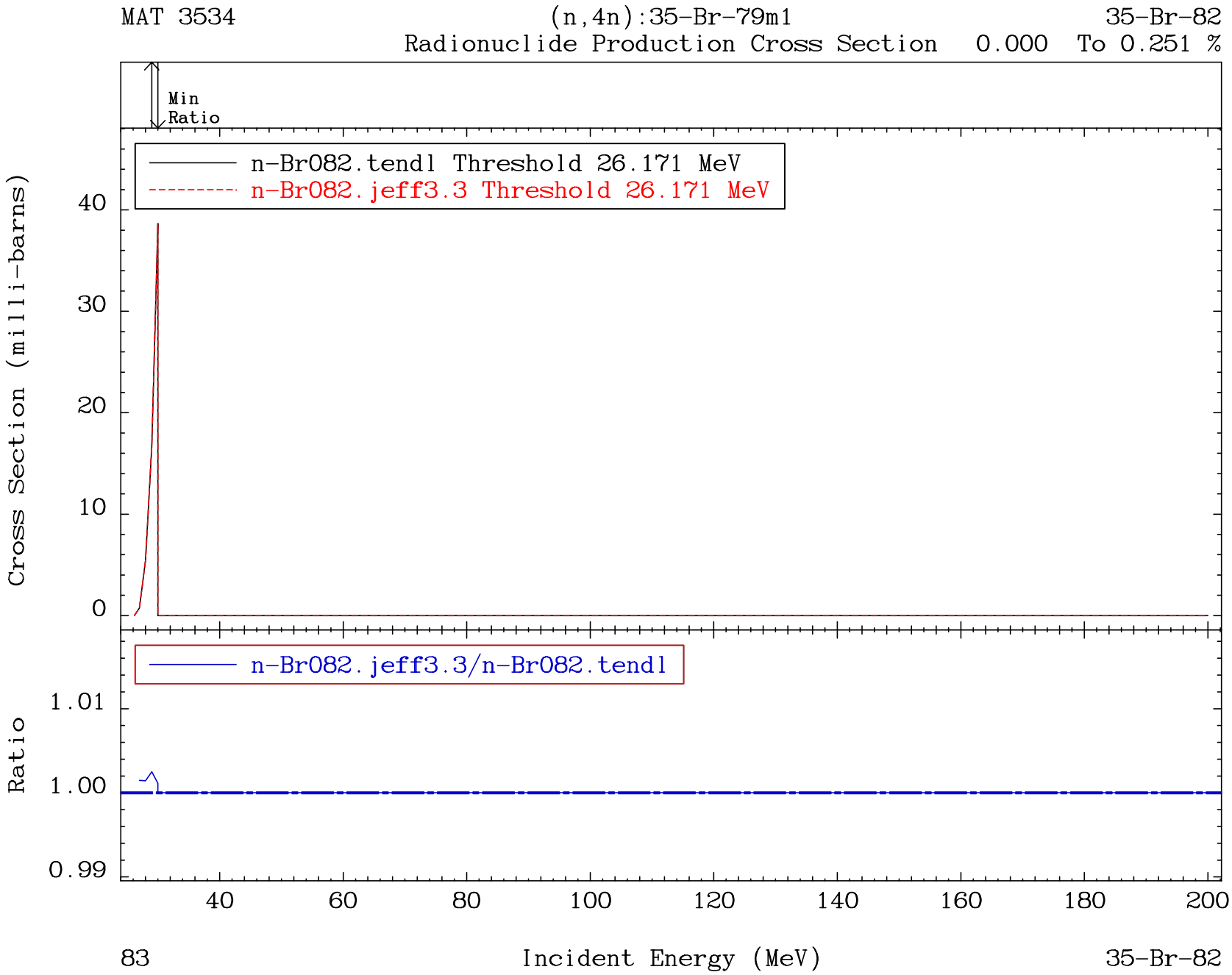

MAT 3534
(n,n') p:34-Se-81g
35-Br-82
Radionuclide Production Cross Section 0.000 To 5.154 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 8.5021 MeV
n-Br082.jeff3.3 Threshold 8.5006 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.06
1.04
1.02
1.00
9
10^7
2
3
4
5
6
7
8
9
10^8
2
78
Incident Energy (eV)
35-Br-82

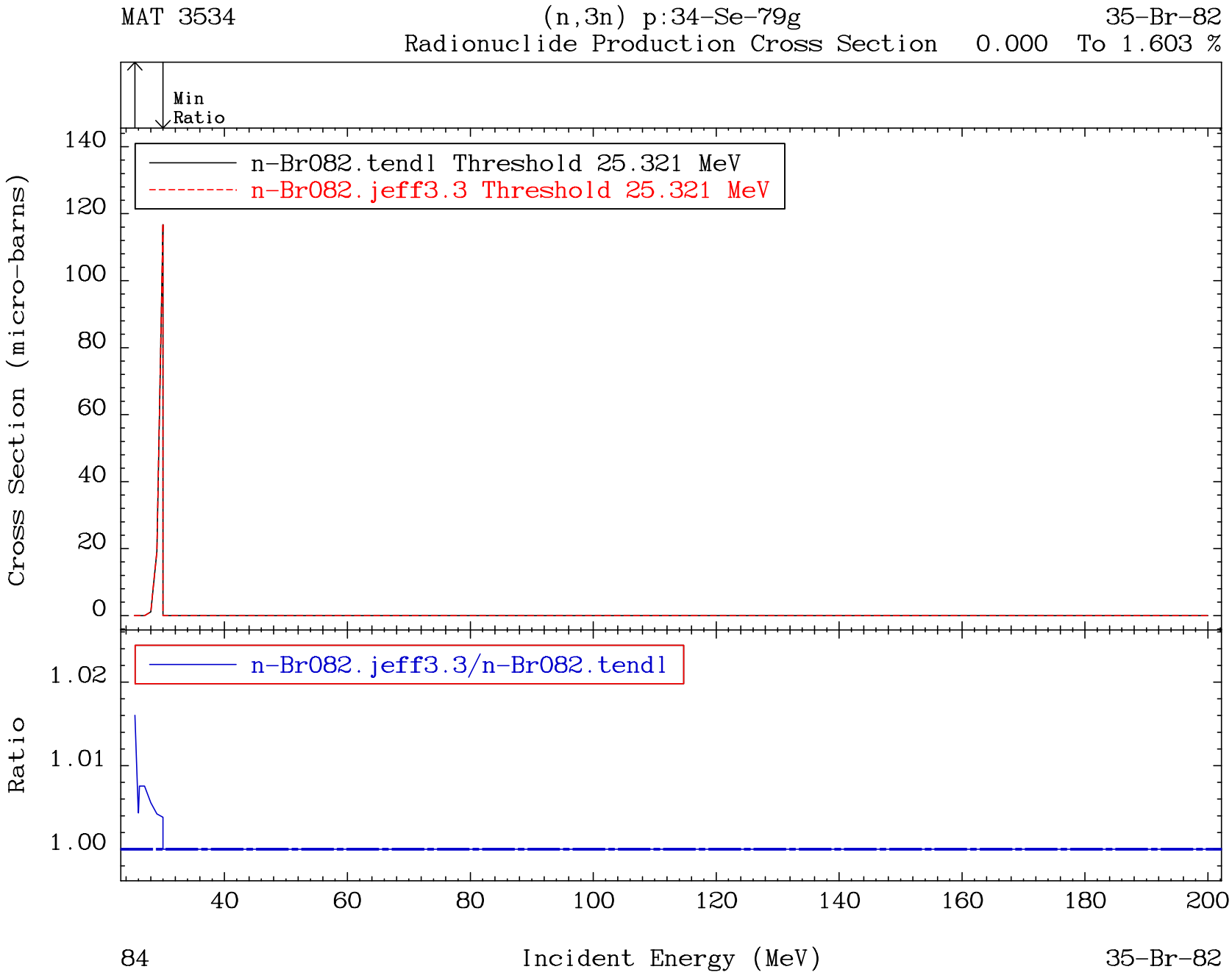

MAT 3534
(n,n') p:34-Se-81m1
35-Br-82
Radionuclide Production Cross Section 0.000 To 3.902 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 8.6063 MeV
n-Br082.jeff3.3 Threshold 8.6049 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.04
1.02
1.00
9
10^7
2
3
4
5
6
7
8
9
10^8
2
79
Incident Energy (eV)
35-Br-82

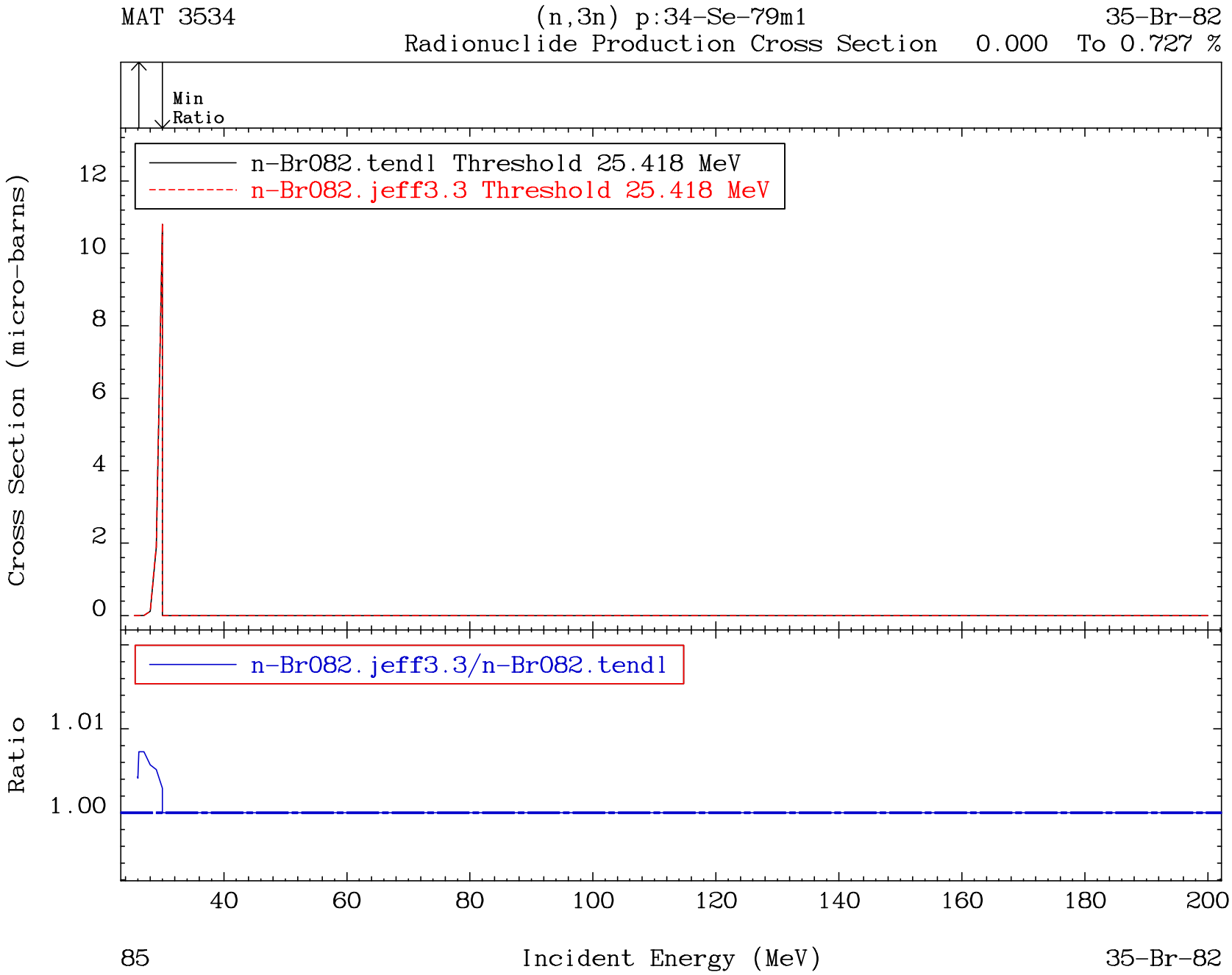

MAT 3534
(n,n') t:34-Se-79g
35-Br-82
Radionuclide Production Cross Section 0.000 To 1.850 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 16.735 MeV
n-Br082.jeff3.3 Threshold 16.735 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.00
1.01
1.02
2
3
4
5
6
7
8
9
10^8
2
80
Incident Energy (eV)
35-Br-82

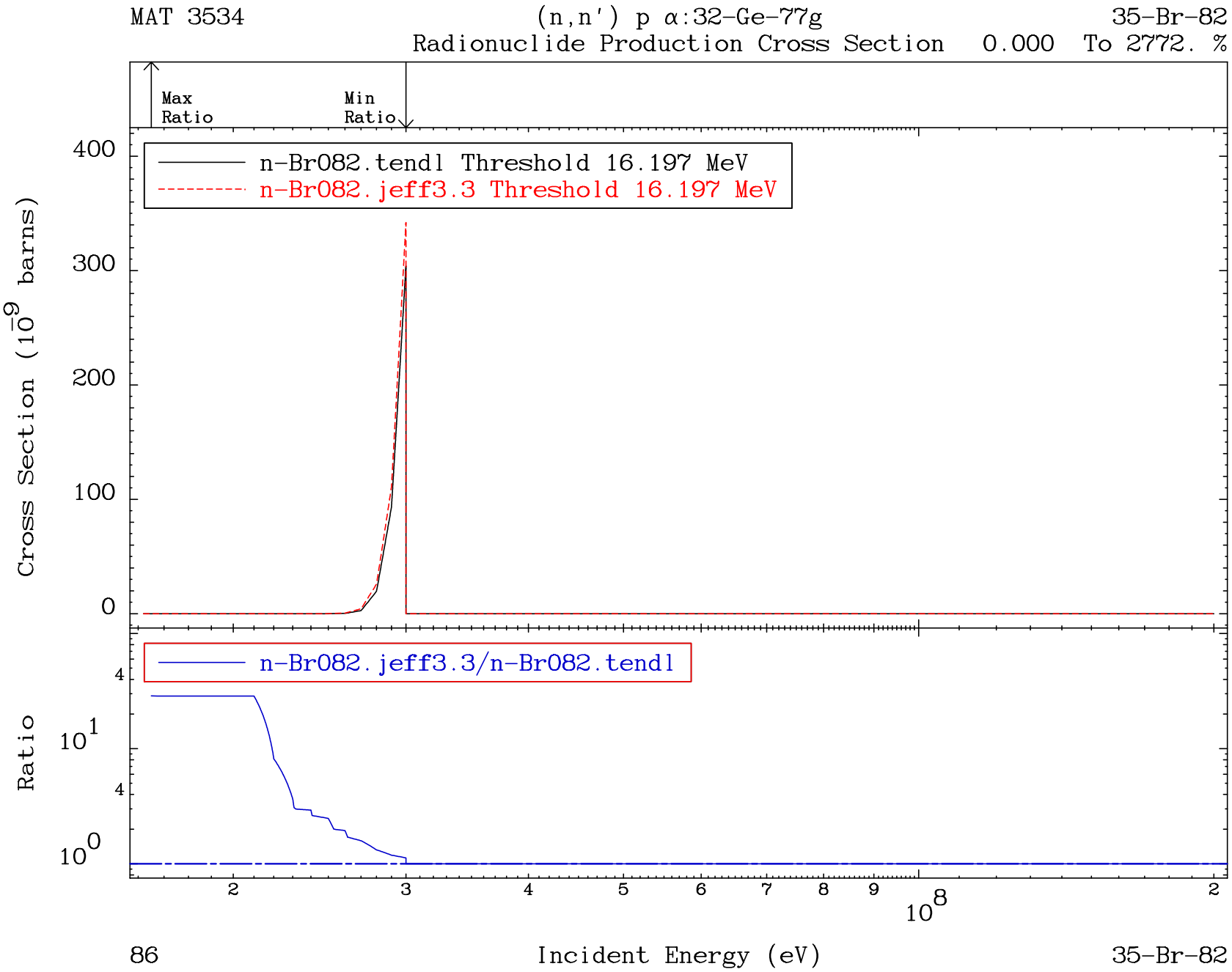

MAT 3534
(n,n') t:34-Se-79m1
35-Br-82
Radionuclide Production Cross Section 0.000 To 1.587 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 16.832 MeV
n-Br082.jeff3.3 Threshold 16.832 MeV
Cross Section (micro-barns)
700
600
500
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
2
3
4
5
6
7
8
9
2
10^8
81
Incident Energy (eV)
35-Br-82

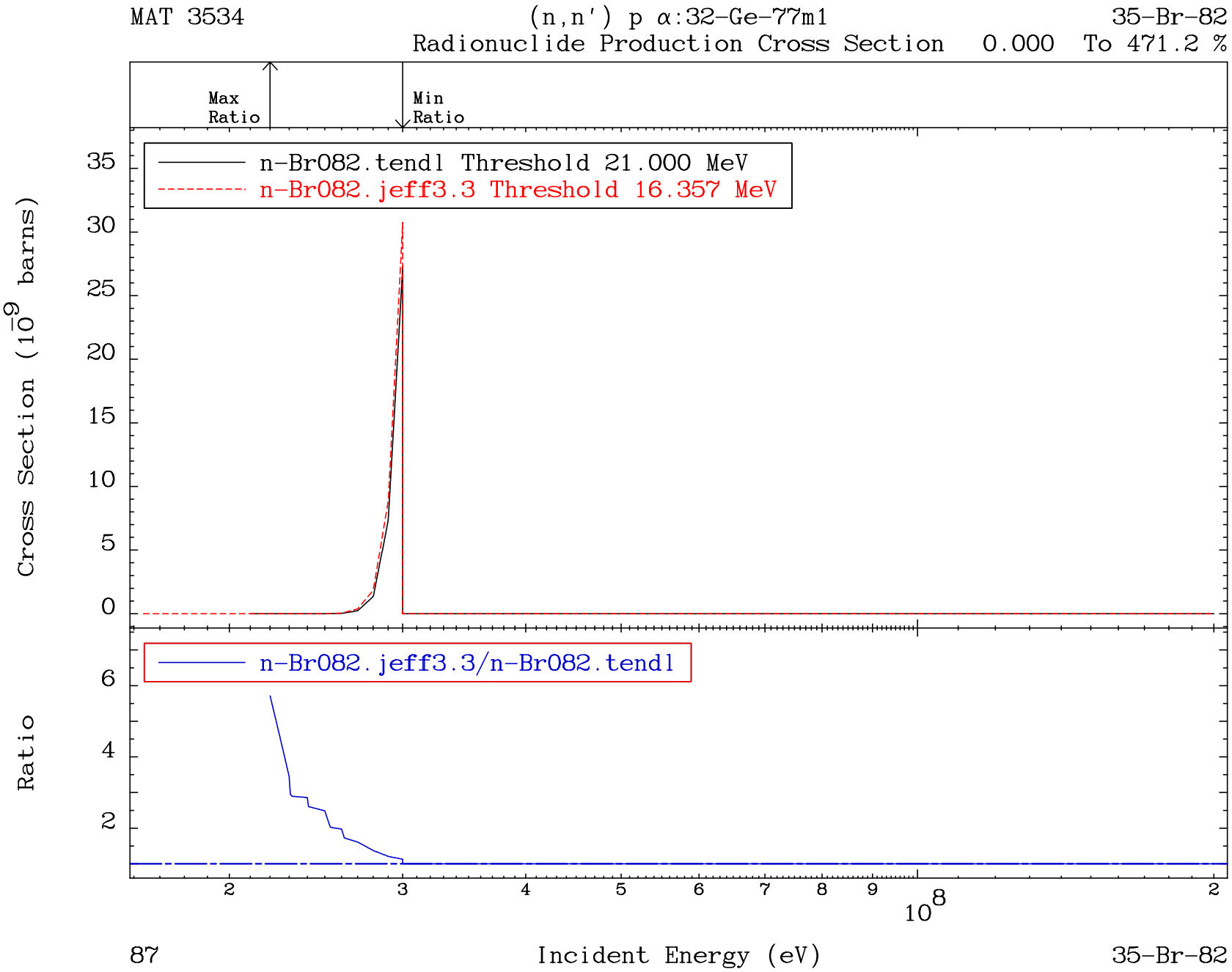

MAT 3534
(n,4n):35-Br-79g
35-Br-82
Radionuclide Production Cross Section 0.000 To 4.875 %
Min
Ratio
n-Br082.tendl Threshold 25.960 MeV
n-Br082.jeff3.3 Threshold 25.960 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.06
1.04
1.02
1.00
40
60
80
100
120
140
160
180
200
82
Incident Energy (MeV)
35-Br-82

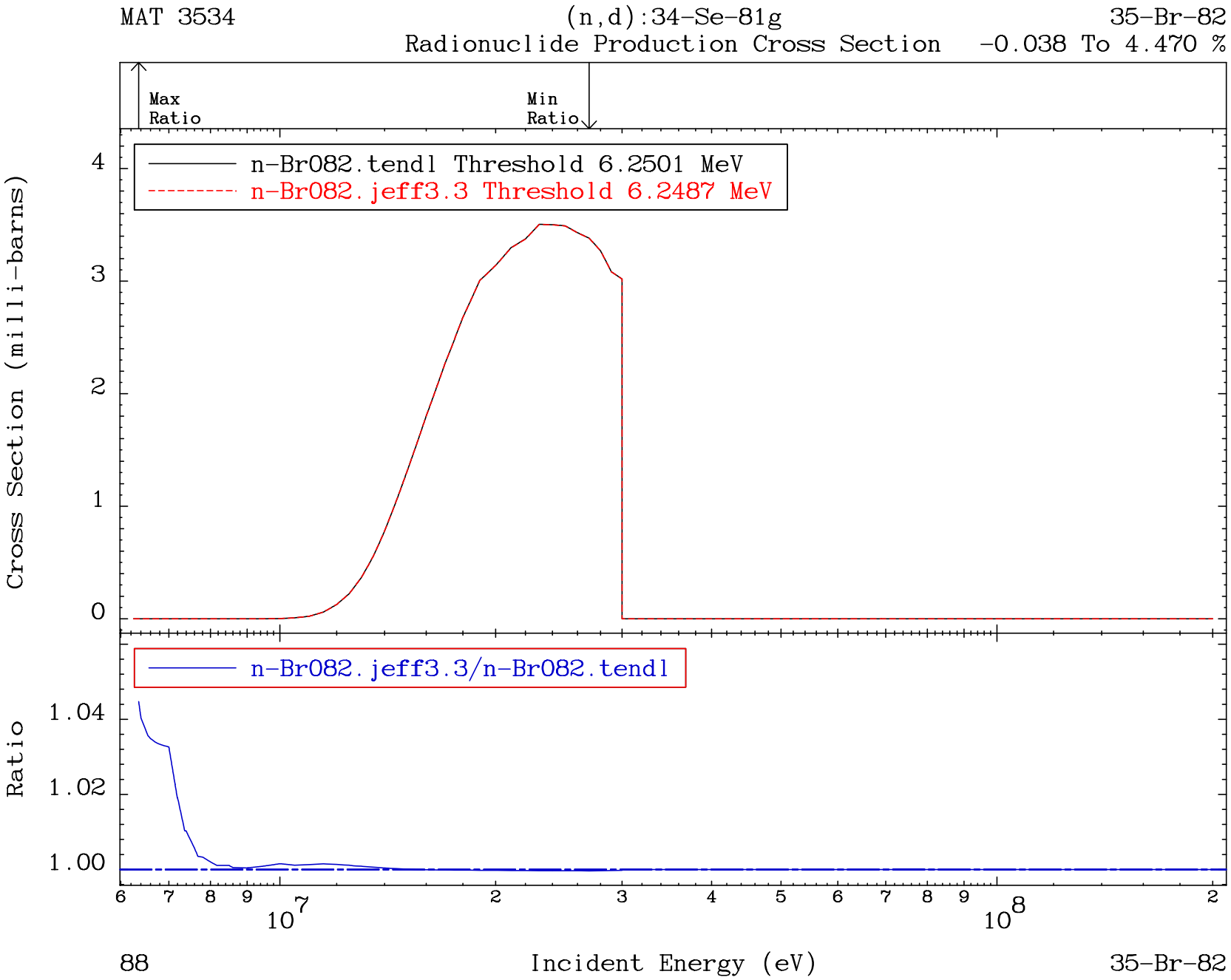

MAT 3534
(n,4n):35-Br-79m1
35-Br-82
Radionuclide Production Cross Section 0.000 To 0.251 %
Min Ratio
n-Br082.tendl Threshold 26.171 MeV
n-Br082.jeff3.3 Threshold 26.171 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.01
1.00
0.99
40
60
80
100
120
140
160
180
200
83
Incident Energy (MeV)
35-Br-82

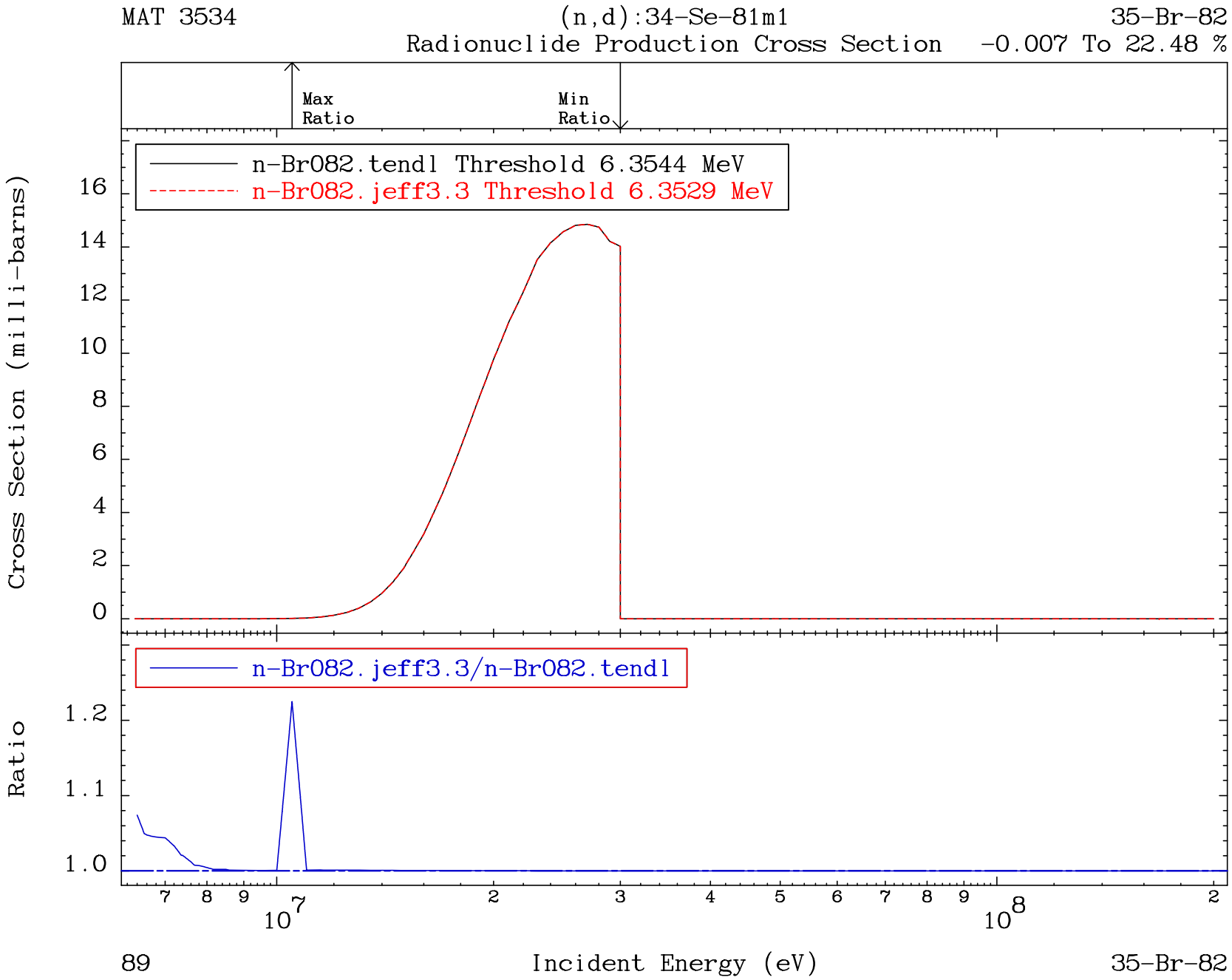

MAT 3534
(n,3n) p:34-Se-79g
35-Br-82
Radionuclide Production Cross Section 0.000 To 1.603 %
Min
Ratio
n-Br082.tendl Threshold 25.321 MeV
n-Br082.jeff3.3 Threshold 25.321 MeV
Cross Section (micro-barns)
140
120
100
80
60
40
20
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.02
1.01
1.00
40
60
80
100
120
140
160
180
200
84
Incident Energy (MeV)
35-Br-82

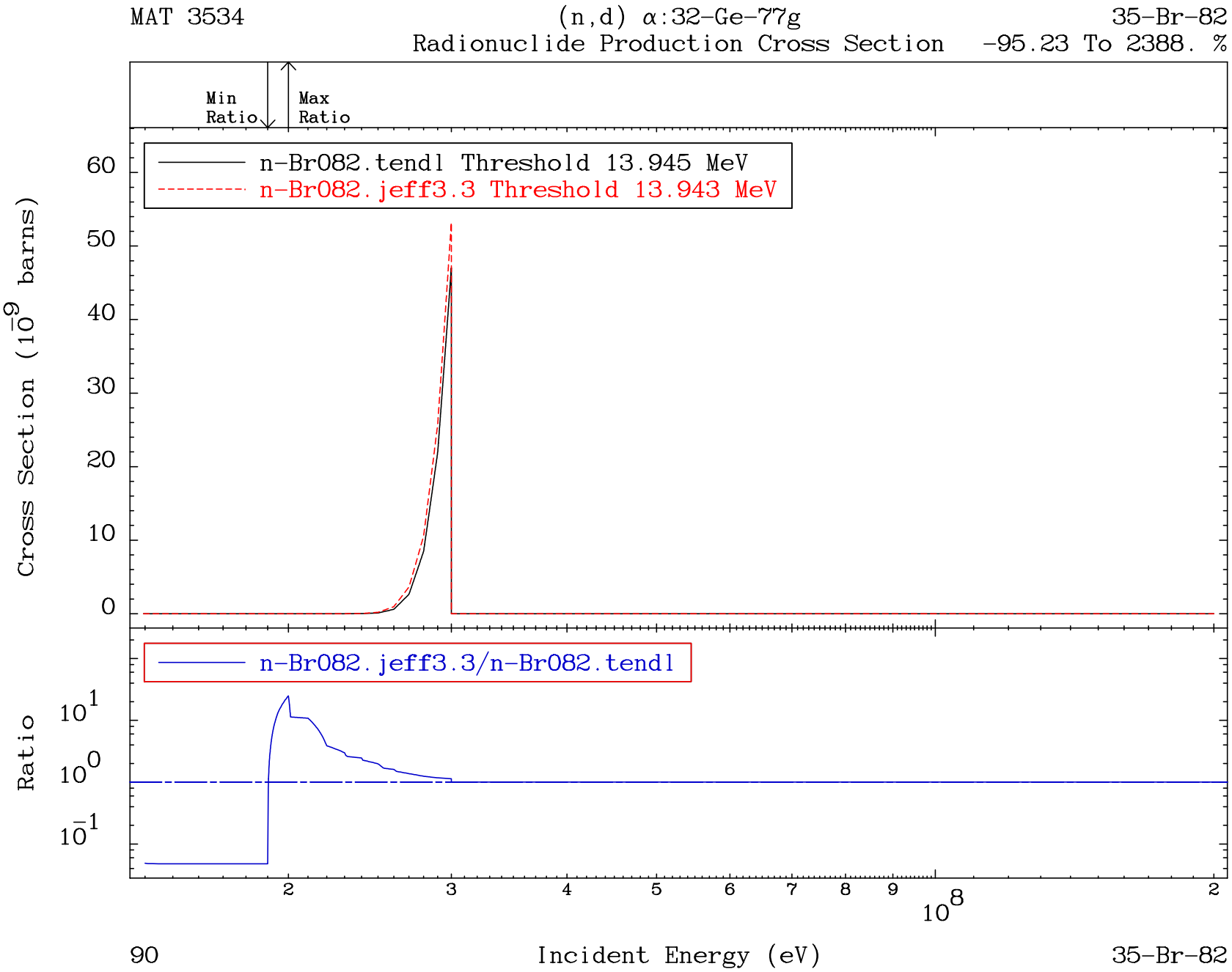

MAT 3534
(n,3n) p:34-Se-79m1
35-Br-82
Radionuclide Production Cross Section 0.000 To 0.727 %
Min
Ratio
n-Br082.tendl Threshold 25.418 MeV
n-Br082.jeff3.3 Threshold 25.418 MeV
Cross Section (micro-barns)
0
2
4
6
8
10
12
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.00
1.01
40
60
80
100
120
140
160
180
200
85
Incident Energy (MeV)
35-Br-82

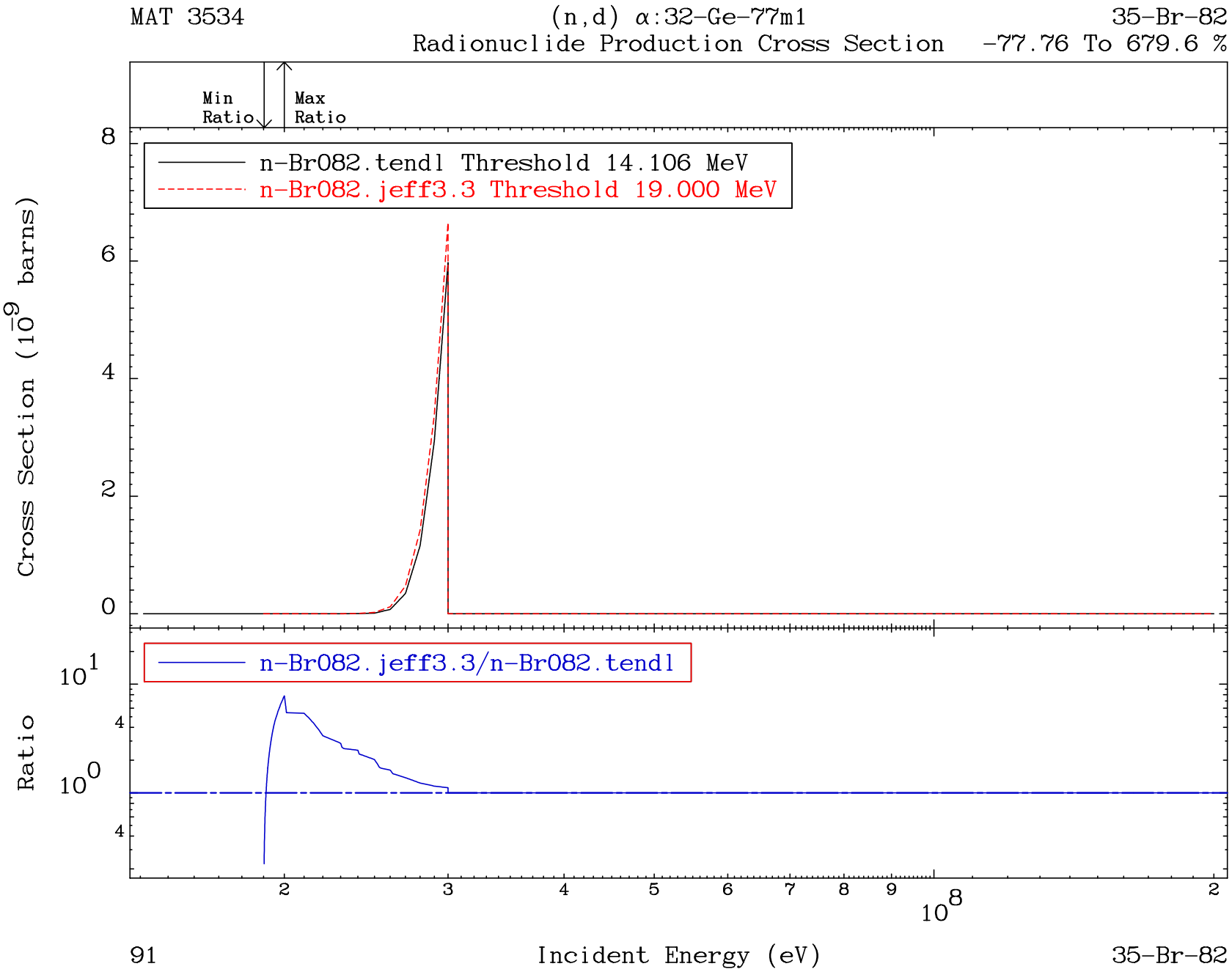

MAT 3534
(n,n') p α:32-Ge-77g
35-Br-82
Radionuclide Production Cross Section 0.000 To 2772. %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 16.197 MeV
n-Br082.jeff3.3 Threshold 16.197 MeV
Cross Section (10^{-9} barns)
400
300
200
100
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^{1}
4
10^{0}
4
2
3
4
5
6
7
8
9
10^{8}
2
86
Incident Energy (eV)
35-Br-82


MAT 3534
(n,n') p α:32-Ge-77m1
35-Br-82
Radionuclide Production Cross Section 0.000 To 471.2 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 21.000 MeV
n-Br082.jeff3.3 Threshold 16.357 MeV
Cross Section (10^{-9} barns)
35
30
25
20
15
10
5
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
6
4
2
2
3
4
5
6
7
8
9
10^8
2
87
Incident Energy (eV)
35-Br-82


MAT 3534
(n,d):34-Se-81g
35-Br-82
Radionuclide Production Cross Section -0.038 To 4.470 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 6.2501 MeV
n-Br082.jeff3.3 Threshold 6.2487 MeV
Cross Section (milli-barns)
0
1
2
3
4
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.00
1.02
1.04
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
88
Incident Energy (eV)
35-Br-82


MAT 3534
(n,d):34-Se-81m1
35-Br-82
Radionuclide Production Cross Section -0.007 To 22.48 %
Max Ratio
Min Ratio
n-Br082.tendl Threshold 6.3544 MeV
n-Br082.jeff3.3 Threshold 6.3529 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
1.2
1.1
1.0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
89
Incident Energy (eV)
35-Br-82


MAT 3534
(n,d) α:32-Ge-77g
35-Br-82
Radionuclide Production Cross Section -95.23 To 2388. %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 13.945 MeV
n-Br082.jeff3.3 Threshold 13.943 MeV
Cross Section (10^{-9} barns)
60
50
40
30
20
10
0
n-Br082.jeff3.3/n-Br082.tendl
Ratio
10^{1}
10^{0}
10^{-1}
2
3
4
5
6
7
8
9
10^{8}
2
90
Incident Energy (eV)
35-Br-82


MAT 3534
(n,d) α:32-Ge-77m1
35-Br-82
Radionuclide Production Cross Section -77.76 To 679.6 %
Min Ratio
Max Ratio
n-Br082.tendl Threshold 14.106 MeV
n-Br082.jeff3.3 Threshold 19.000 MeV
Cross Section (10^{-9} barns)
n-Br082.jeff3.3/n-Br082.tendl
Ratio
Incident Energy (eV)
91
35-Br-82