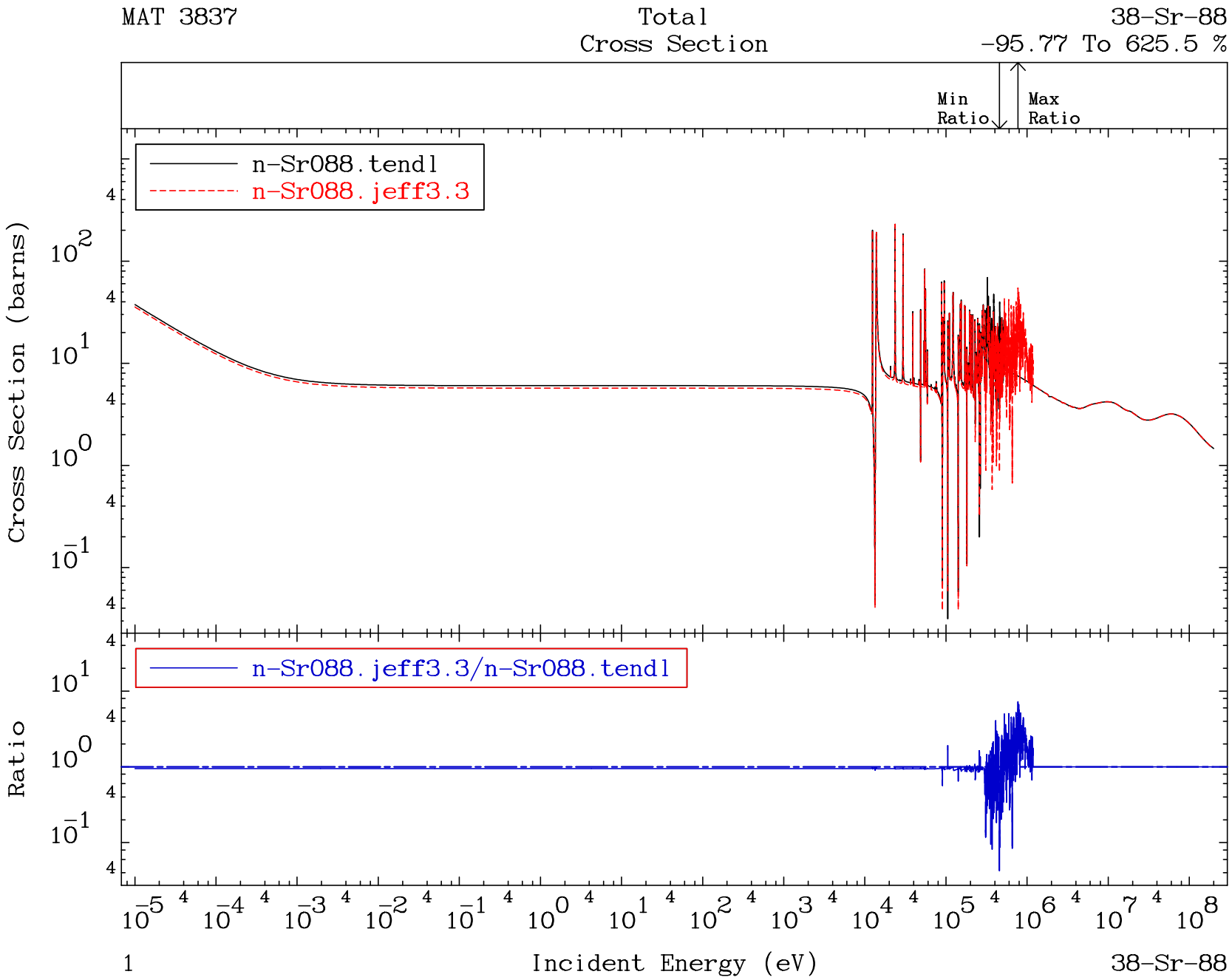
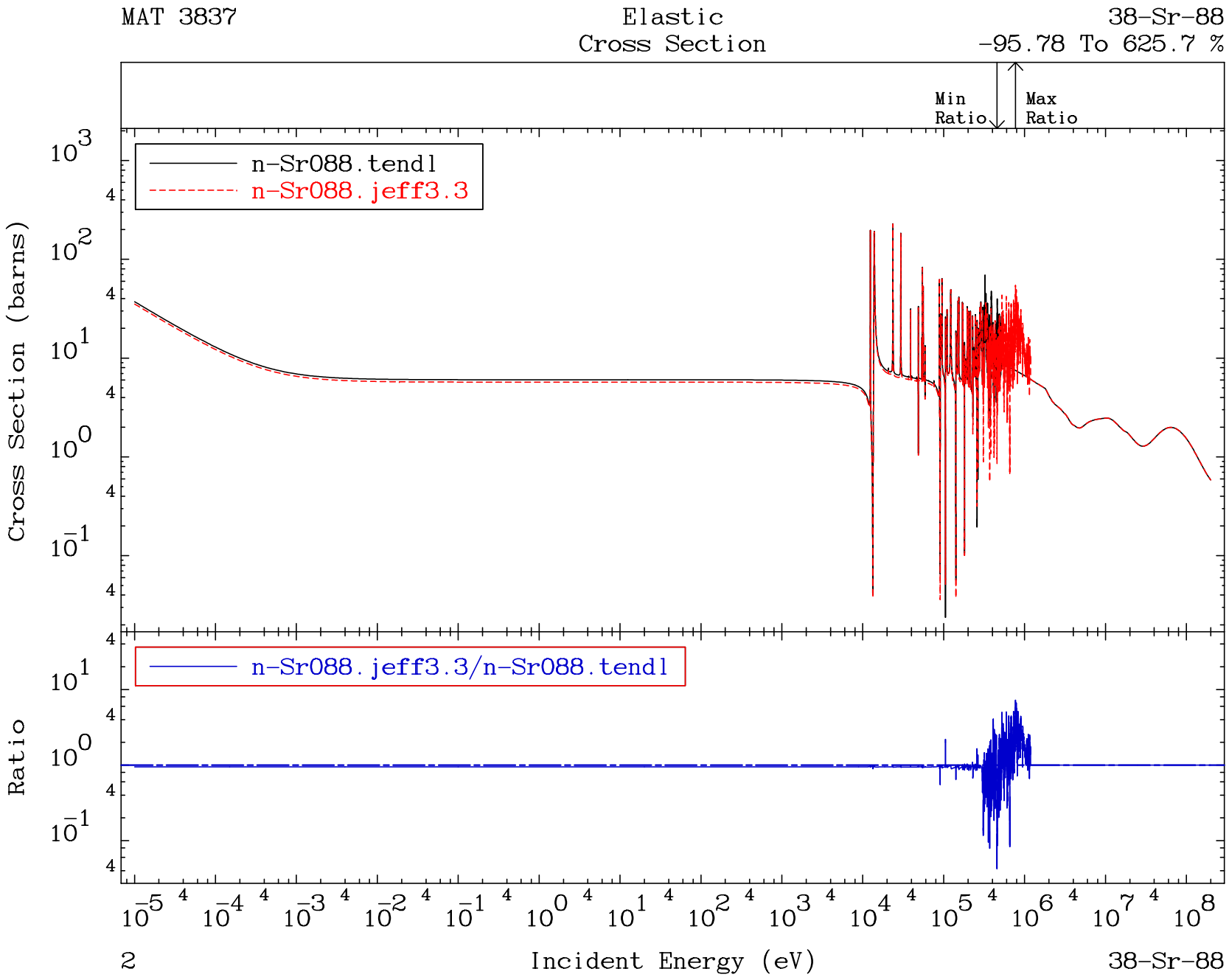
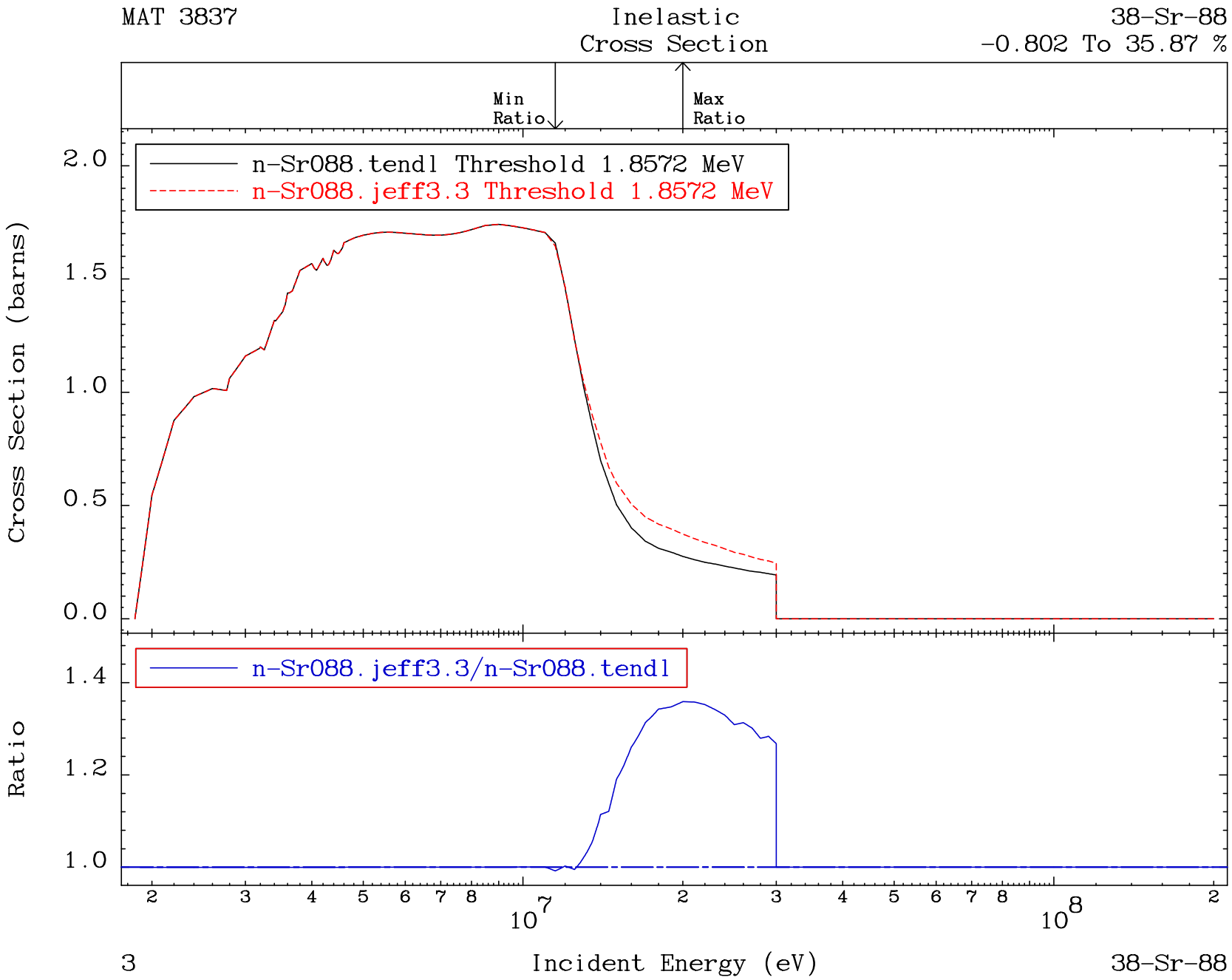
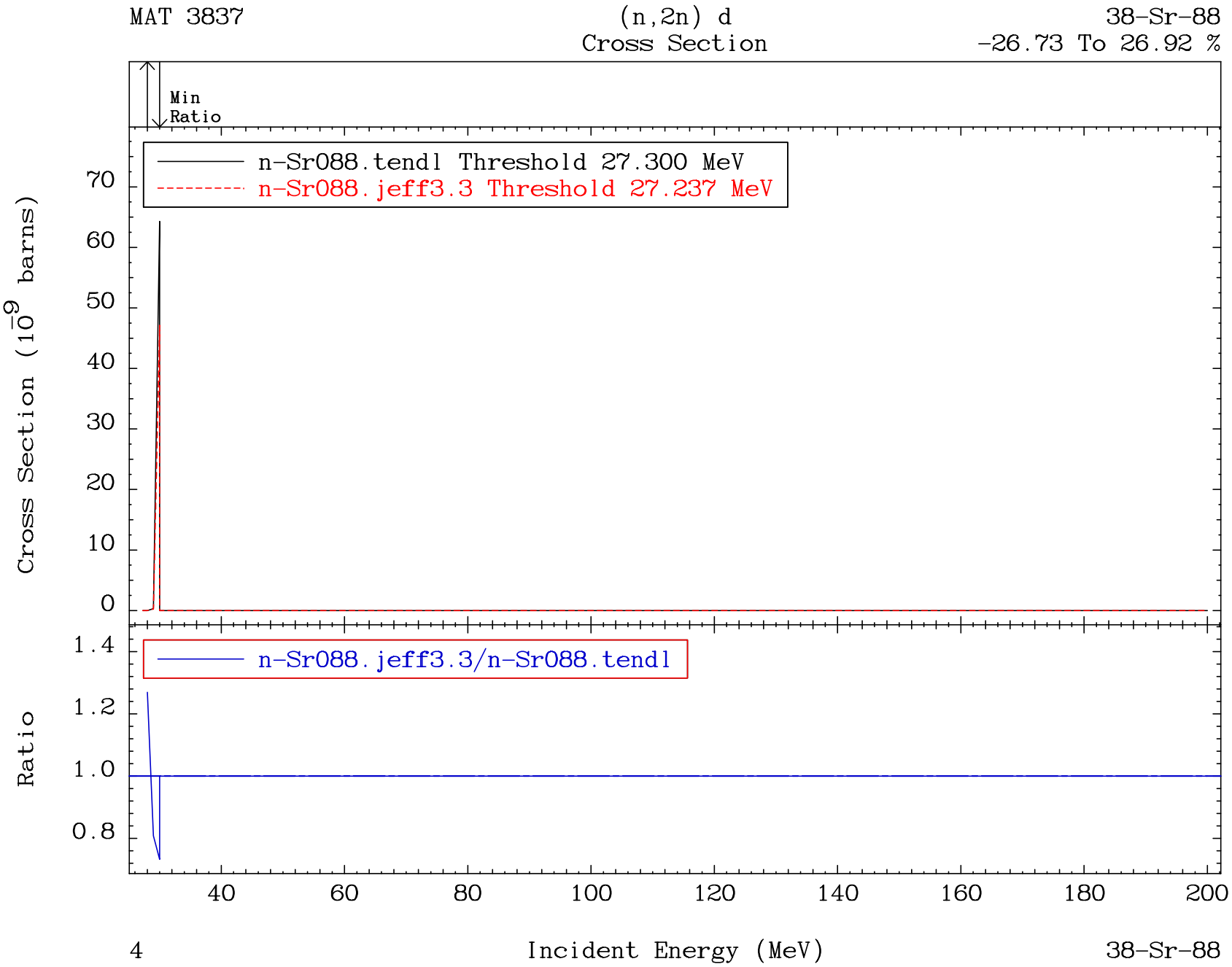
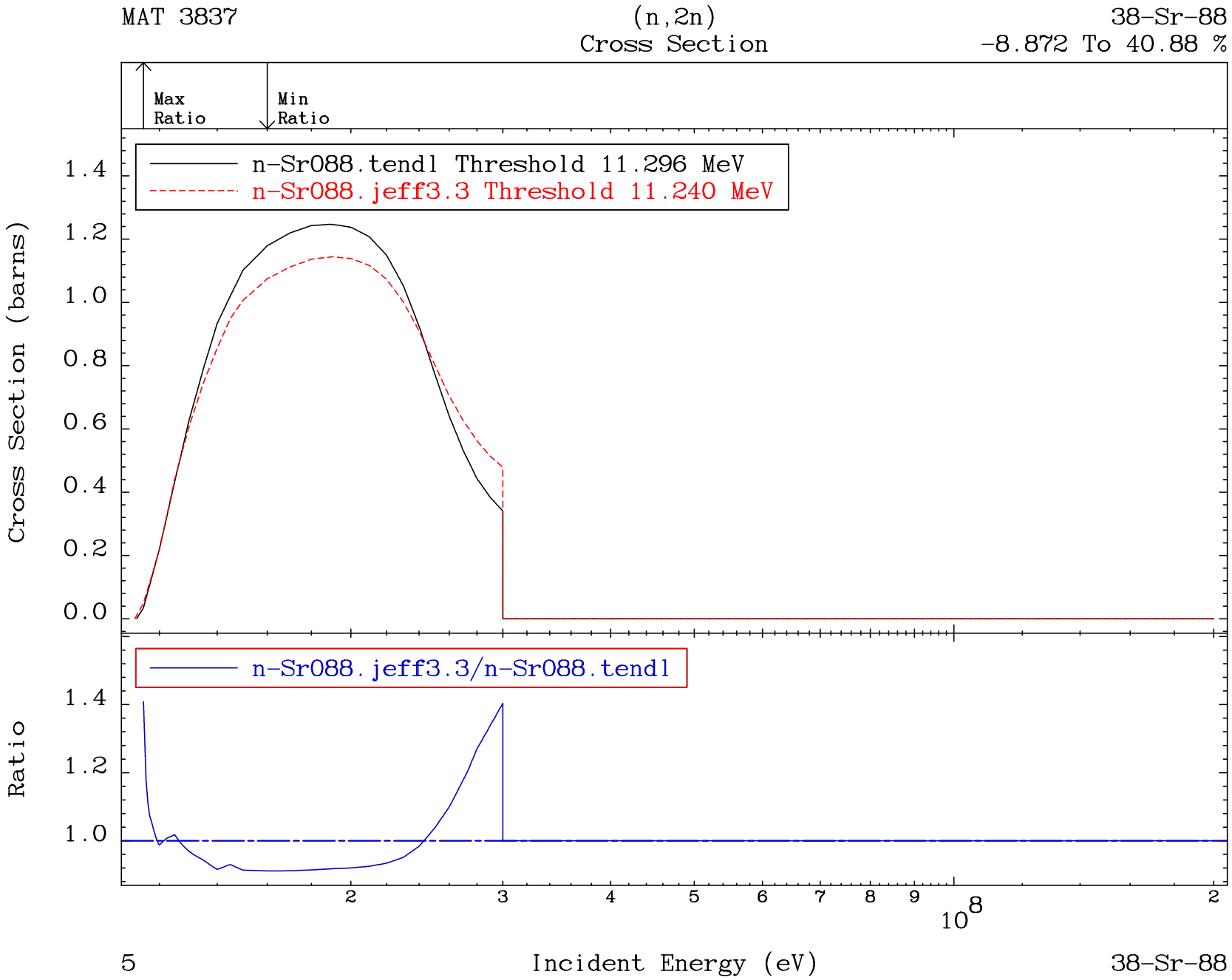
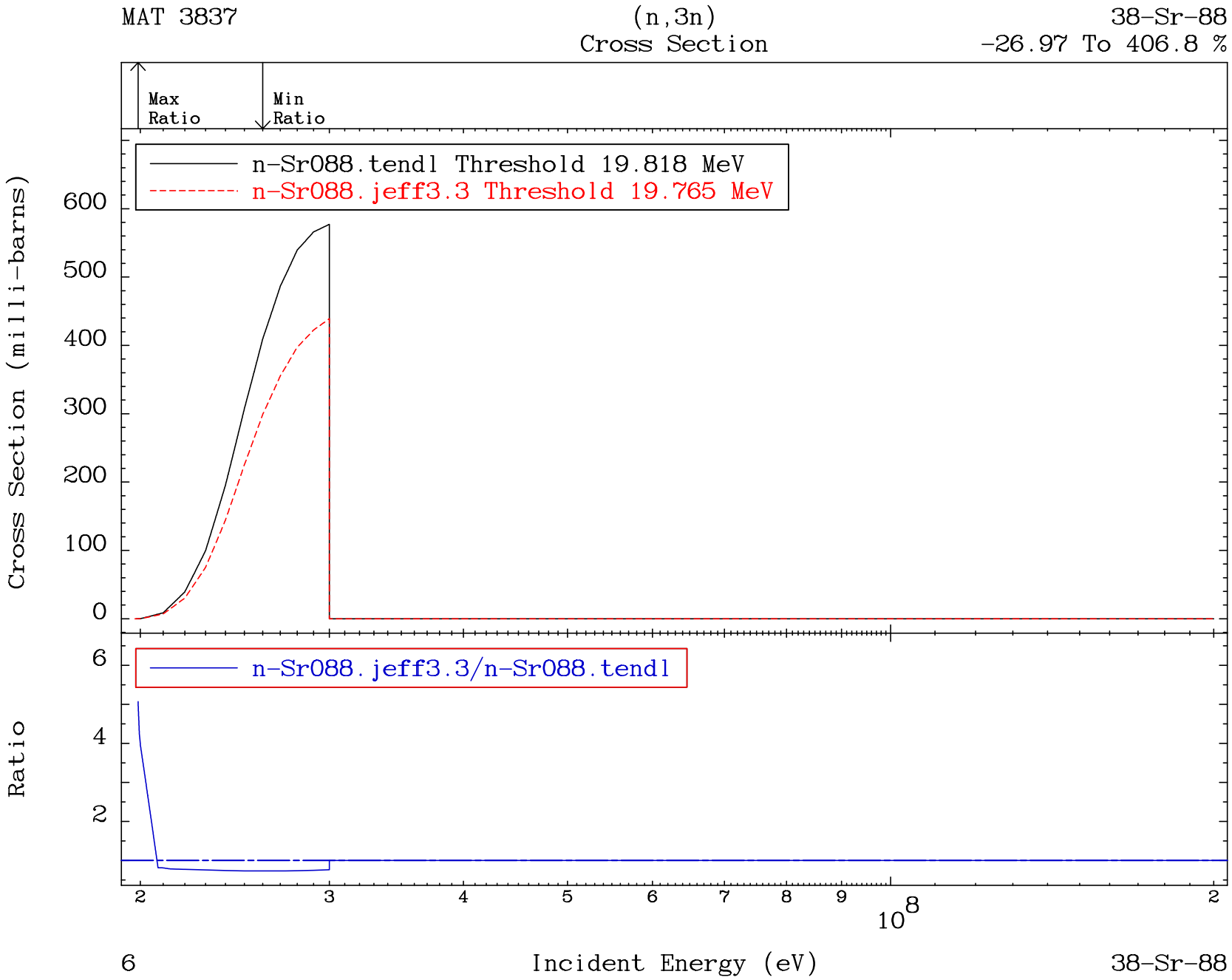

MAT 3837
Total
Cross Section
38-Sr-88
-95.77 To 625.5 %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
1
38-Sr-88

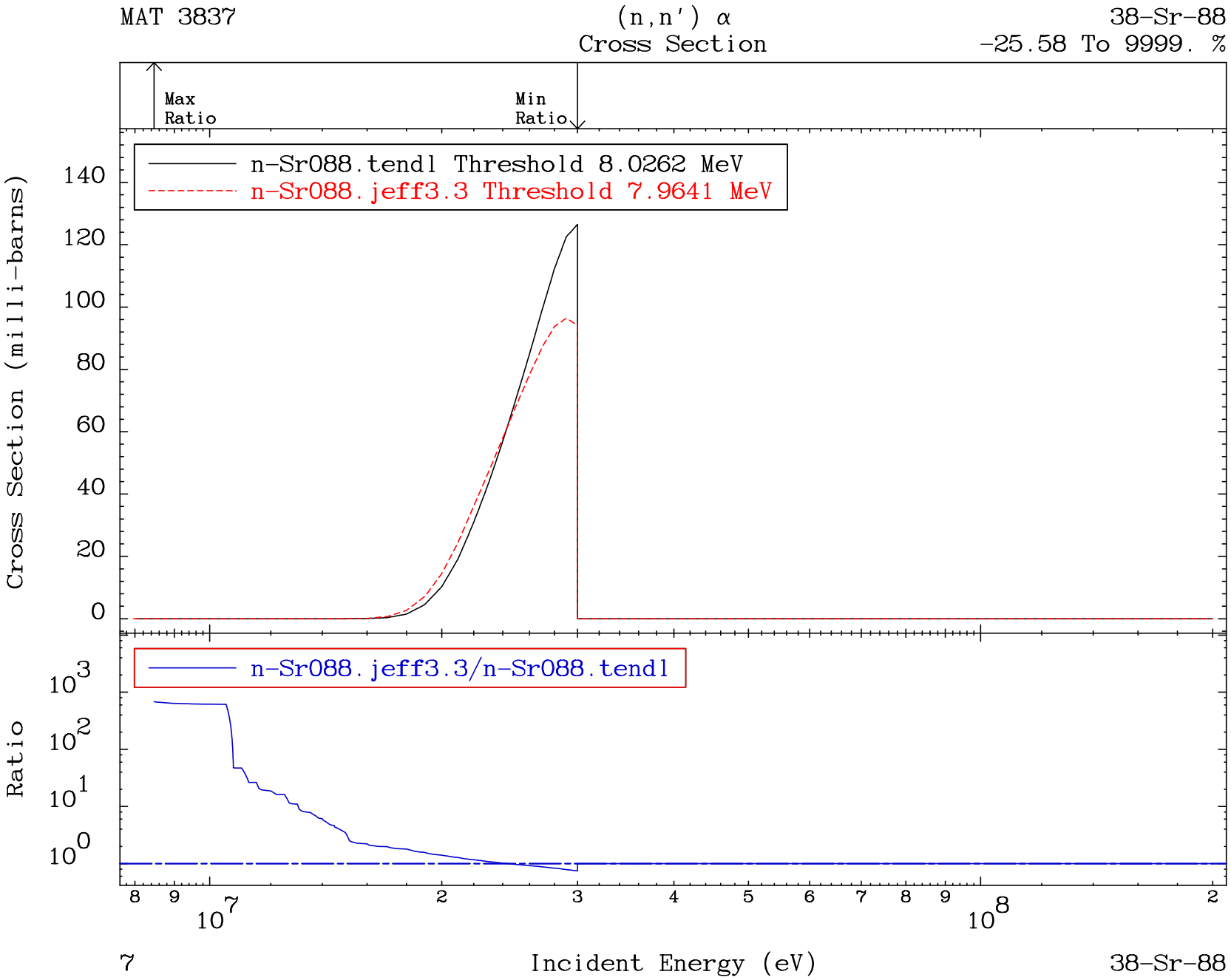

MAT 3837
Elastic
Cross Section
38-Sr-88
-95.78 To 625.7 %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
2
38-Sr-88

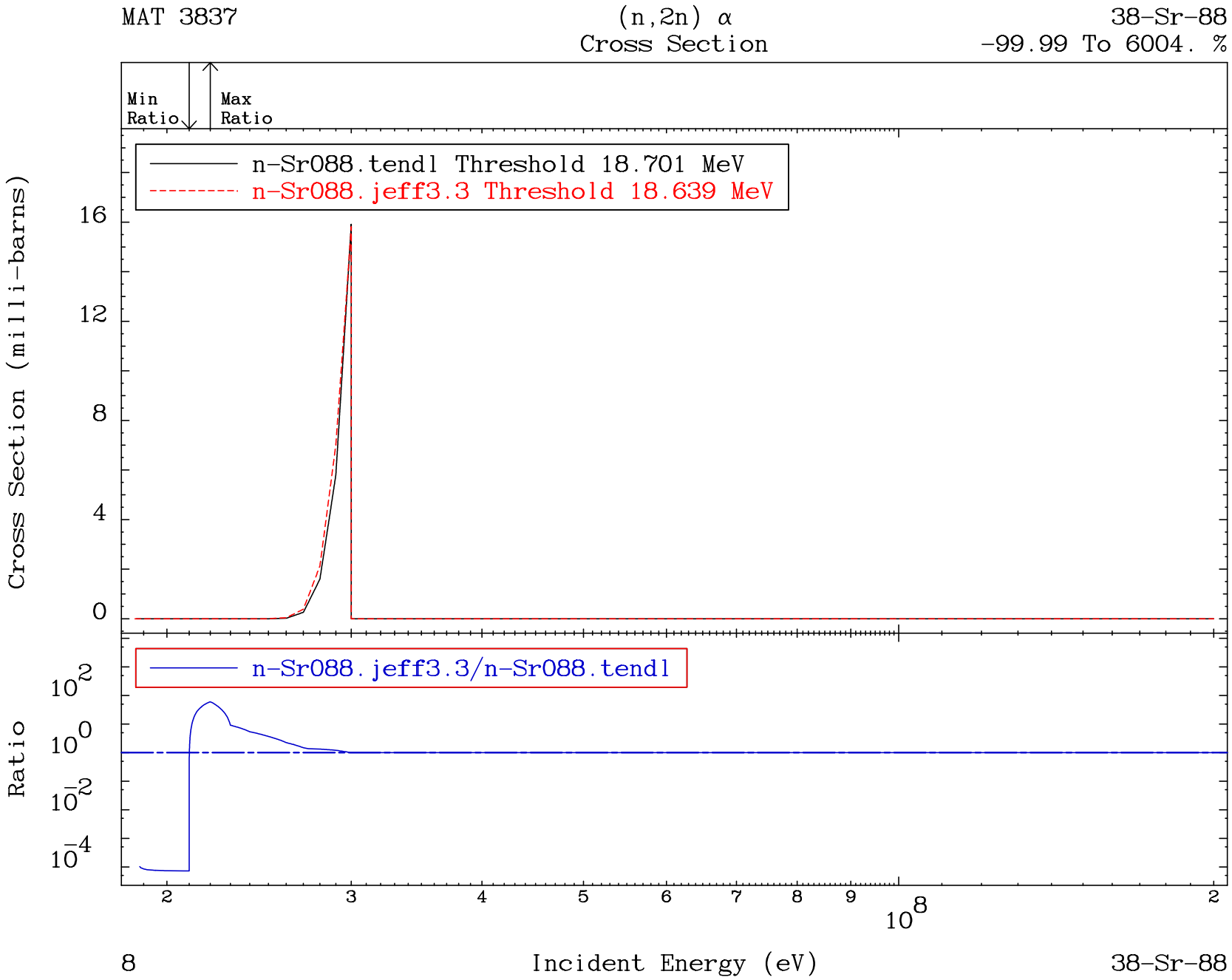

MAT 3837
Inelastic
Cross Section
38-Sr-88
-0.802 To 35.87 %
Min
Ratio
Max
Ratio
n-Sr088.tendl Threshold 1.8572 MeV
n-Sr088.jeff3.3 Threshold 1.8572 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.4
1.2
1.0
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
38-Sr-88

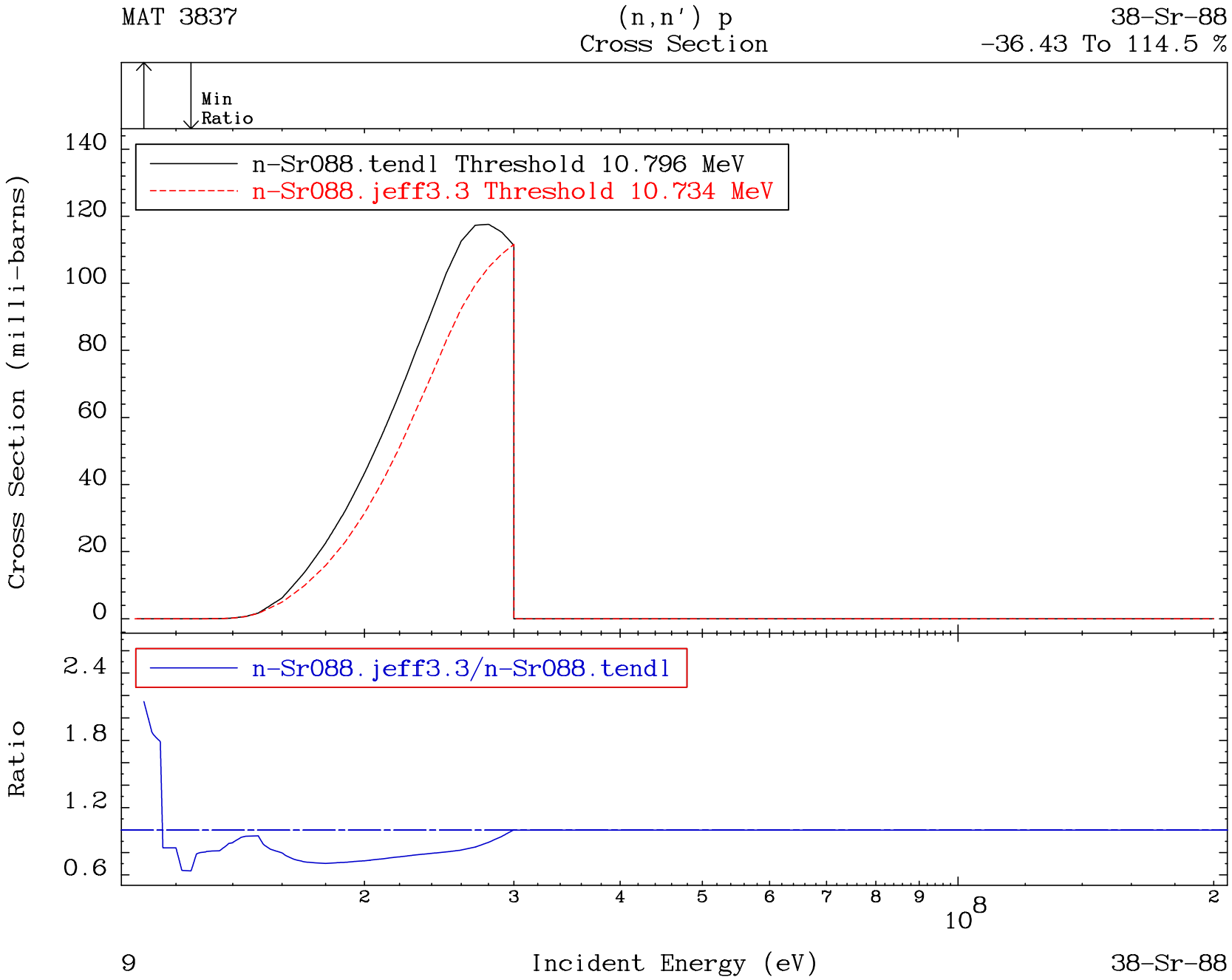

MAT 3837
(n,2n) d
Cross Section
38-Sr-88
-26.73 To 26.92 %
Min
Ratio
n-Sr088.tendl Threshold 27.300 MeV
n-Sr088.jeff3.3 Threshold 27.237 MeV
Cross Section (10^{-9} barns)
70
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.4
1.2
1.0
0.8
40
60
80
100
120
140
160
180
200
4
Incident Energy (MeV)
38-Sr-88

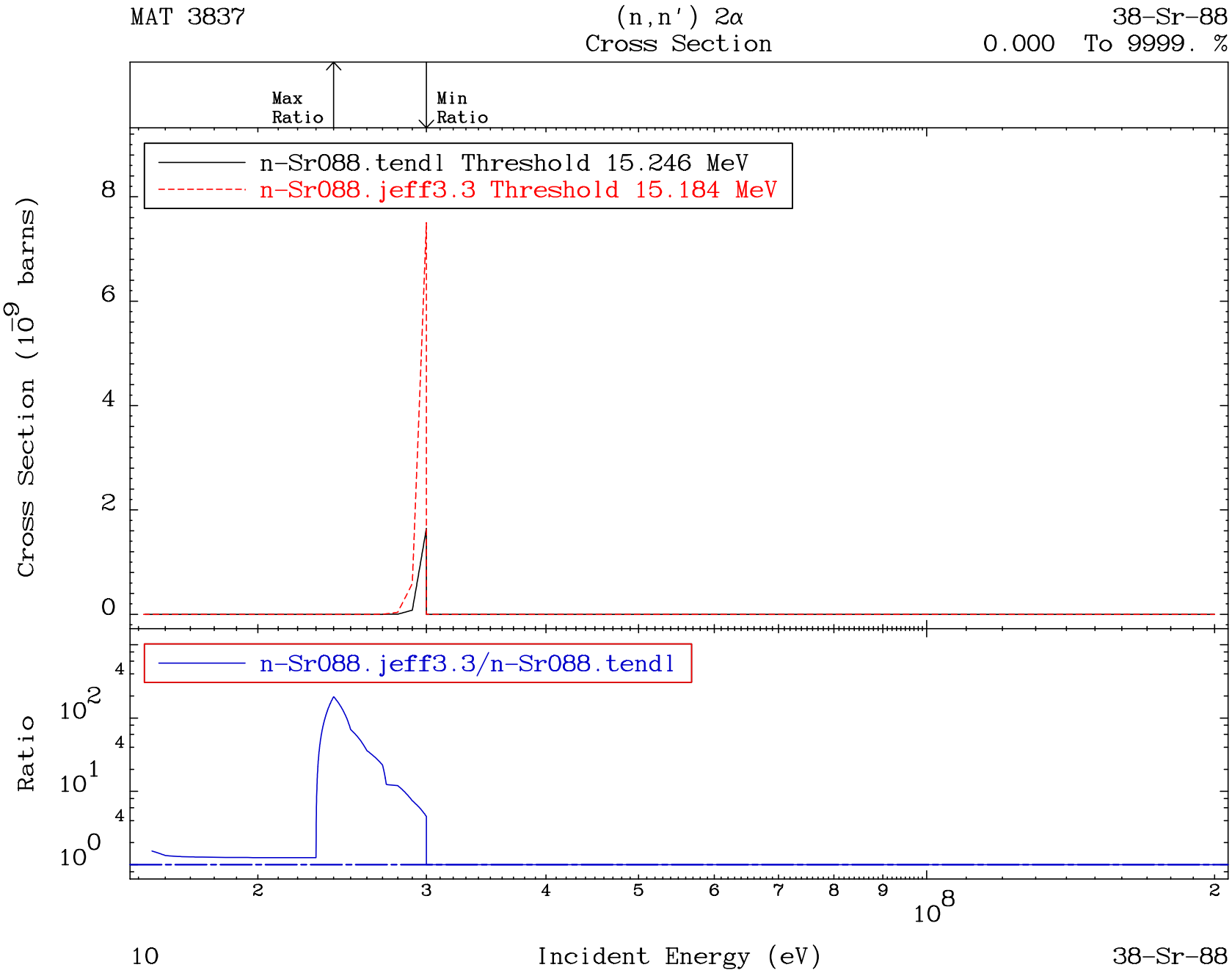

MAT 3837
(n,2n)
Cross Section
38-Sr-88
-8.872 To 40.88 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 11.296 MeV
n-Sr088.jeff3.3 Threshold 11.240 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.4
1.2
1.0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
38-Sr-88

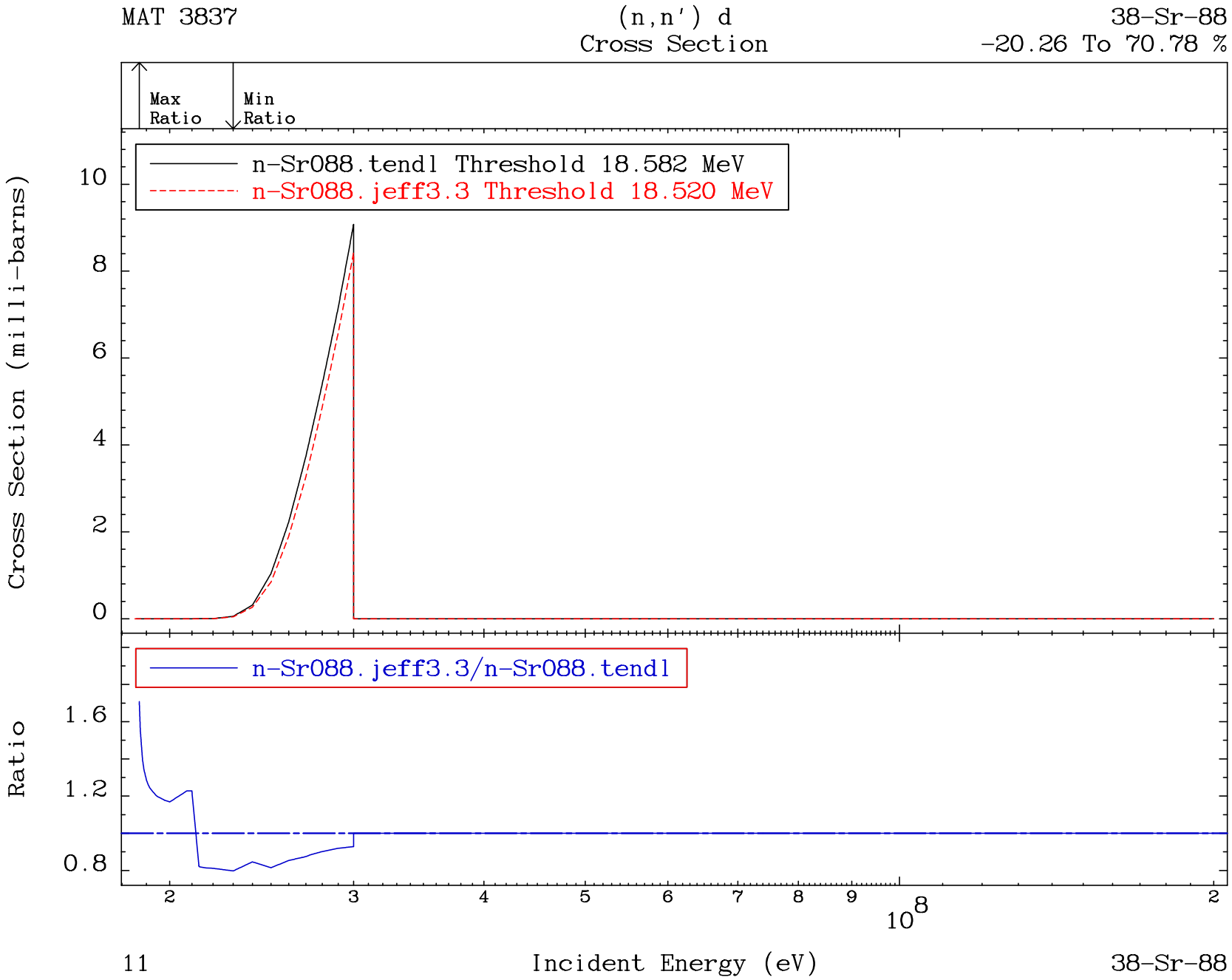

MAT 3837
(n,3n)
Cross Section
38-Sr-88
-26.97 To 406.8 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 19.818 MeV
n-Sr088.jeff3.3 Threshold 19.765 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
6
4
2
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
38-Sr-88

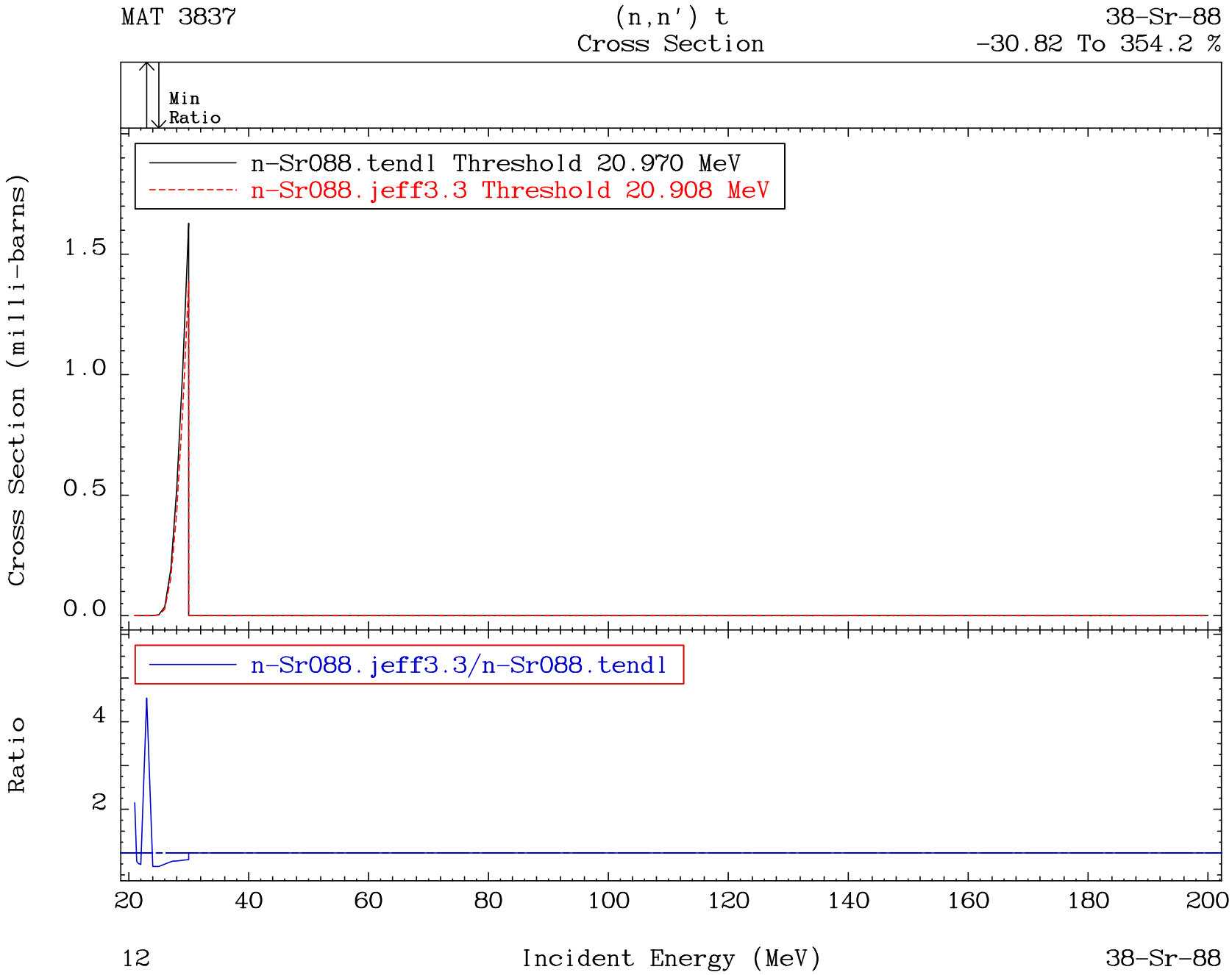

MAT 3837
(n,n') α
Cross Section
38-Sr-88
-25.58 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 8.0262 MeV
n-Sr088.jeff3.3 Threshold 7.9641 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^3
10^2
10^1
10^0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
7
Incident Energy (eV)
38-Sr-88

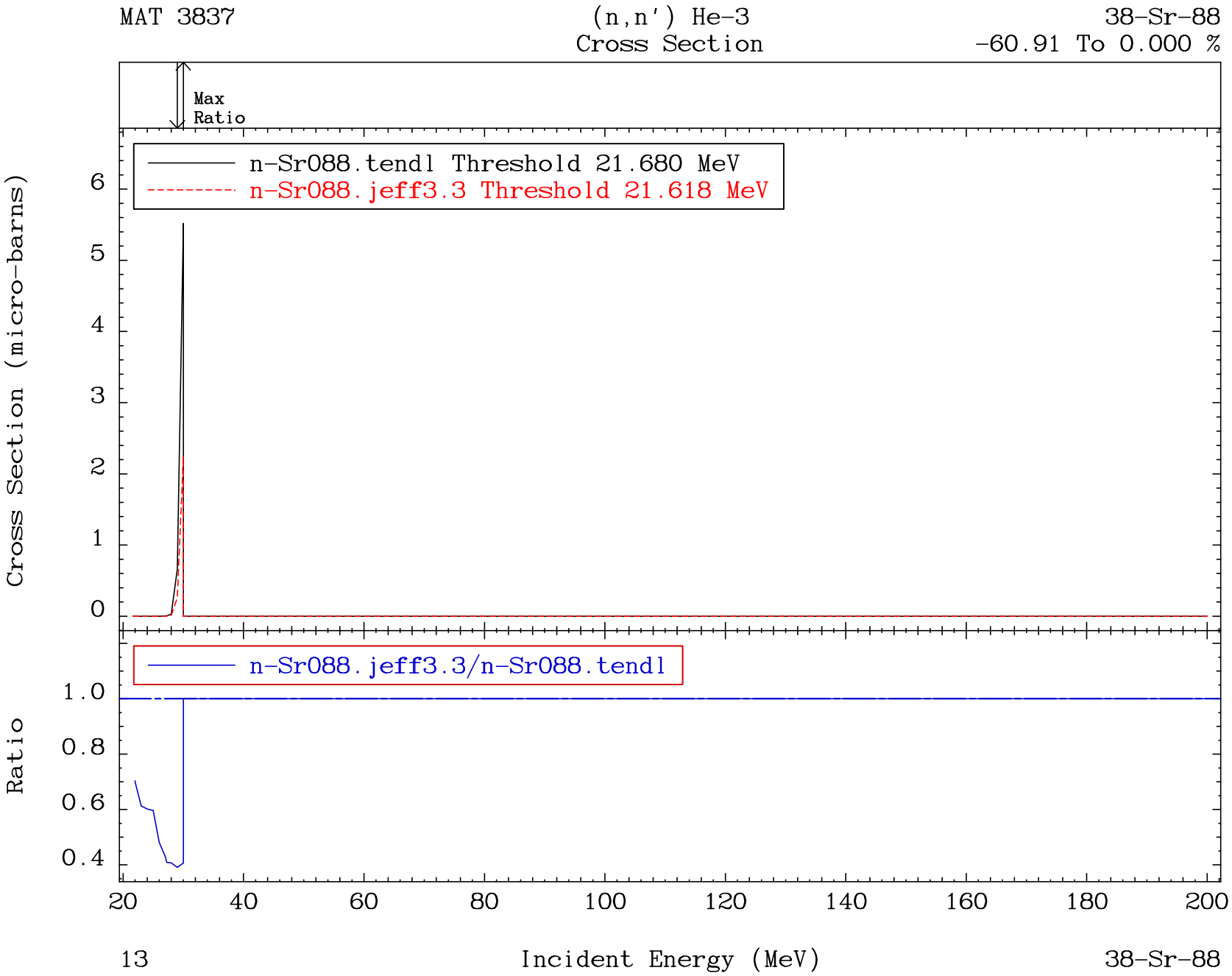

MAT 3837
(n,2n) α
Cross Section
38-Sr-88
-99.99 To 6004. %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 18.701 MeV
n-Sr088.jeff3.3 Threshold 18.639 MeV
Cross Section (milli-barns)
16
12
8
4
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^2
10^0
10^-2
10^-4
2
3
4
5
6
7
8
9
10^8
2
8
Incident Energy (eV)
38-Sr-88

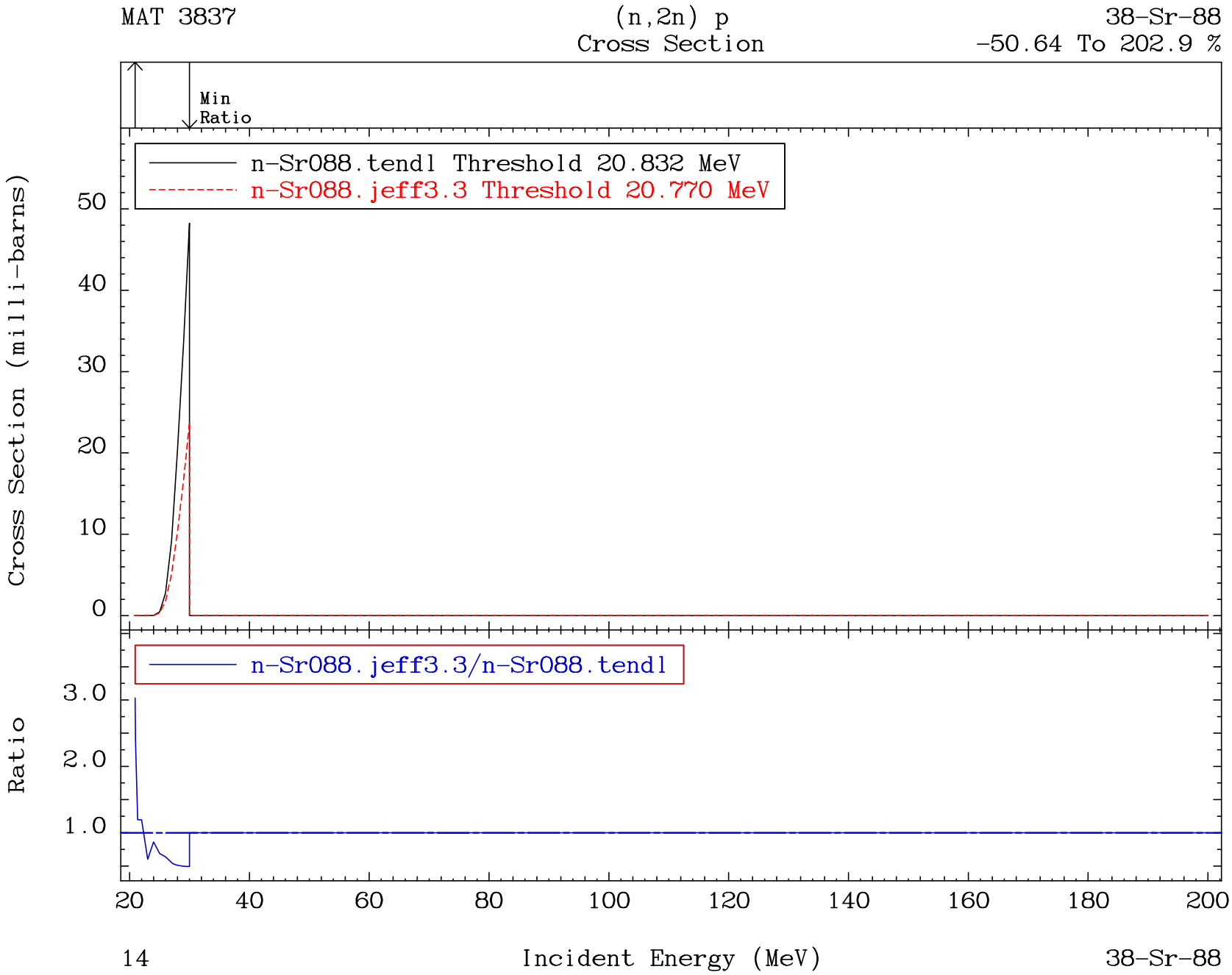

MAT 3837
(n,n') p
Cross Section
38-Sr-88
-36.43 To 114.5 %
Min
Ratio
n-Sr088.tendl Threshold 10.796 MeV
n-Sr088.jeff3.3 Threshold 10.734 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
2.4
1.8
1.2
0.6
2
3
4
5
6
7
8
9
10^8
2
9
Incident Energy (eV)
38-Sr-88

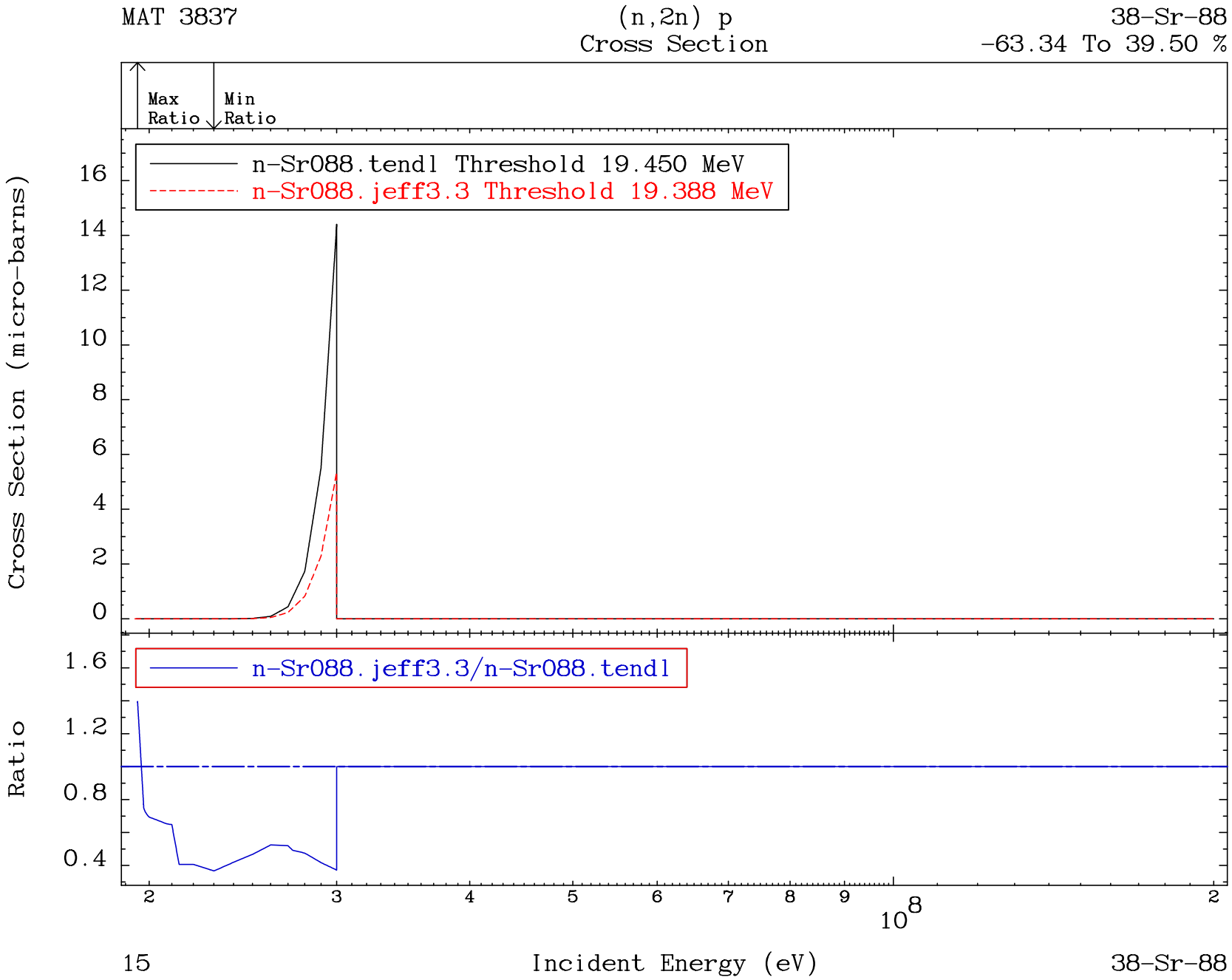

MAT 3837
(n,n') 2α
Cross Section
38-Sr-88
0.000 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 15.246 MeV
n-Sr088.jeff3.3 Threshold 15.184 MeV
Cross Section (10^-9 barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
10
38-Sr-88

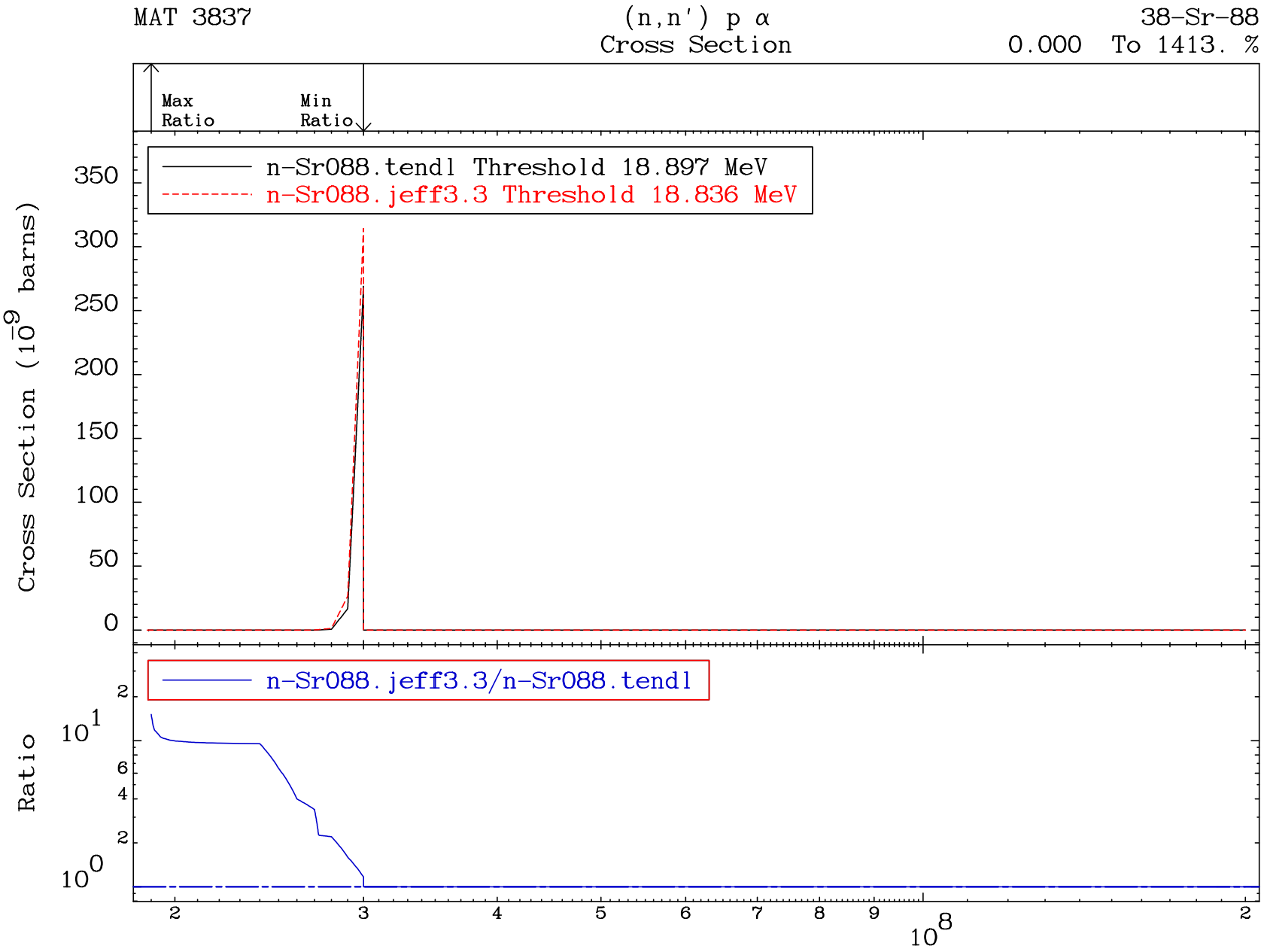

MAT 3837
(n,n') d
Cross Section
38-Sr-88
-20.26 To 70.78 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 18.582 MeV
n-Sr088.jeff3.3 Threshold 18.520 MeV
Cross Section (milli-barns)
10
8
6
4
2
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.6
1.2
0.8
2
3
4
5
6
7
8
9
10^8
2
11
Incident Energy (eV)
38-Sr-88

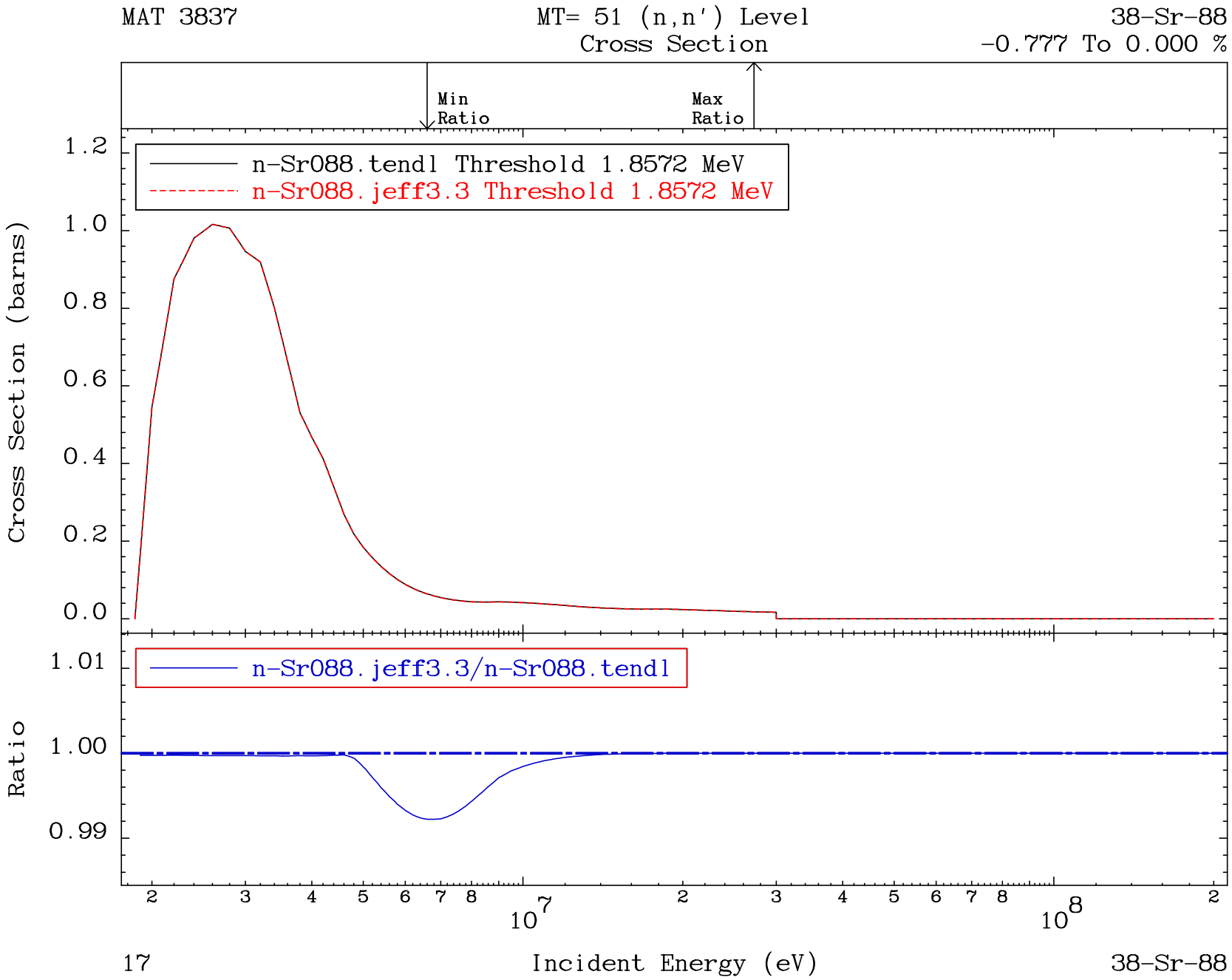

MAT 3837
(n,n') t
Cross Section
38-Sr-88
-30.82 To 354.2 %
Min
Ratio
n-Sr088.tendl Threshold 20.970 MeV
n-Sr088.jeff3.3 Threshold 20.908 MeV
Cross Section (milli-barns)
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
4
2
20
40
60
80
100
120
140
160
180
200
12
Incident Energy (MeV)
38-Sr-88

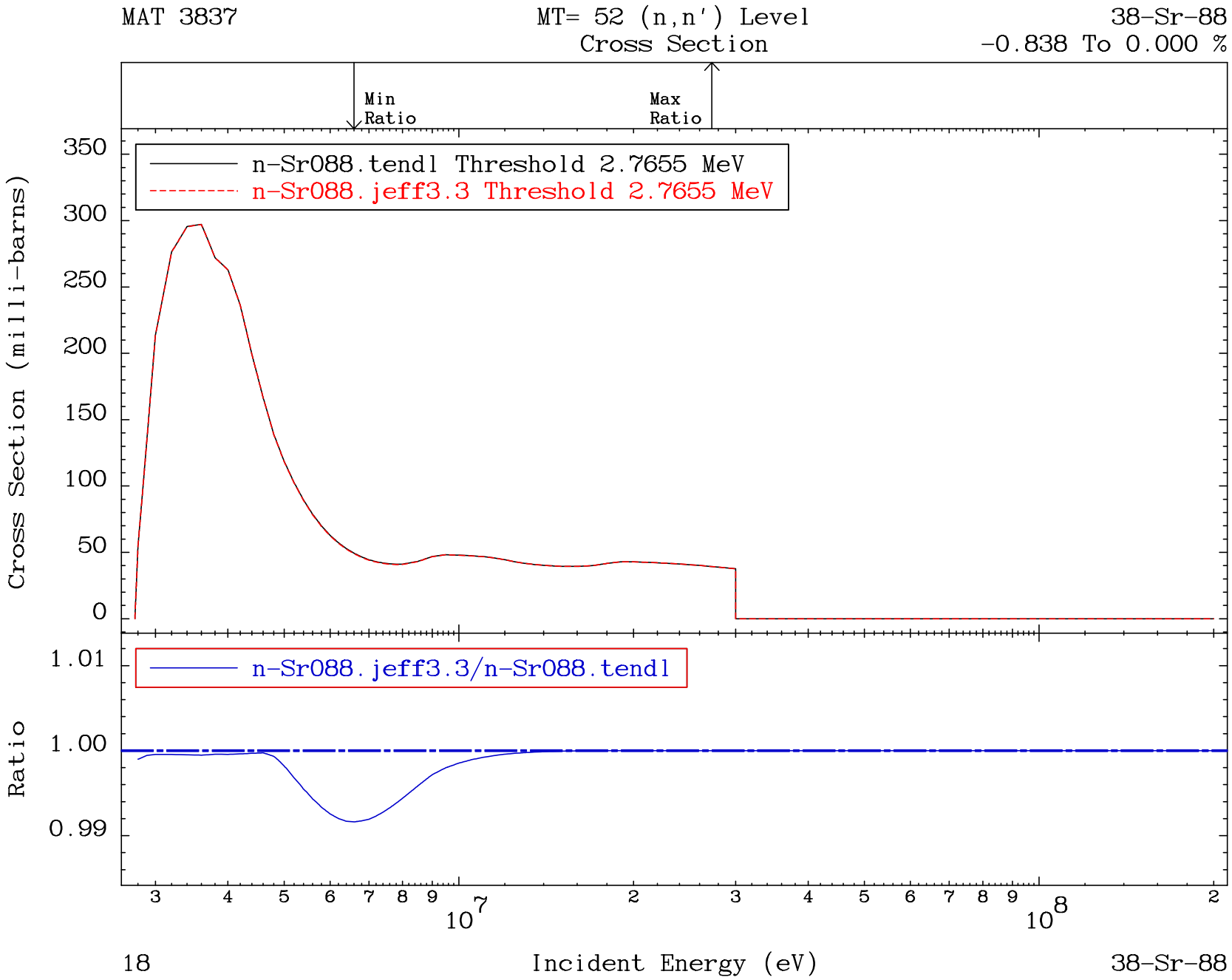

MAT 3837
(n,n') He-3
Cross Section
38-Sr-88
-60.91 To 0.000 %
Max
Ratio
n-Sr088.tendl Threshold 21.680 MeV
n-Sr088.jeff3.3 Threshold 21.618 MeV
Cross Section (micro-barns)
0
1
2
3
4
5
6
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
0.4
20
40
60
80
100
120
140
160
180
200
13
Incident Energy (MeV)
38-Sr-88

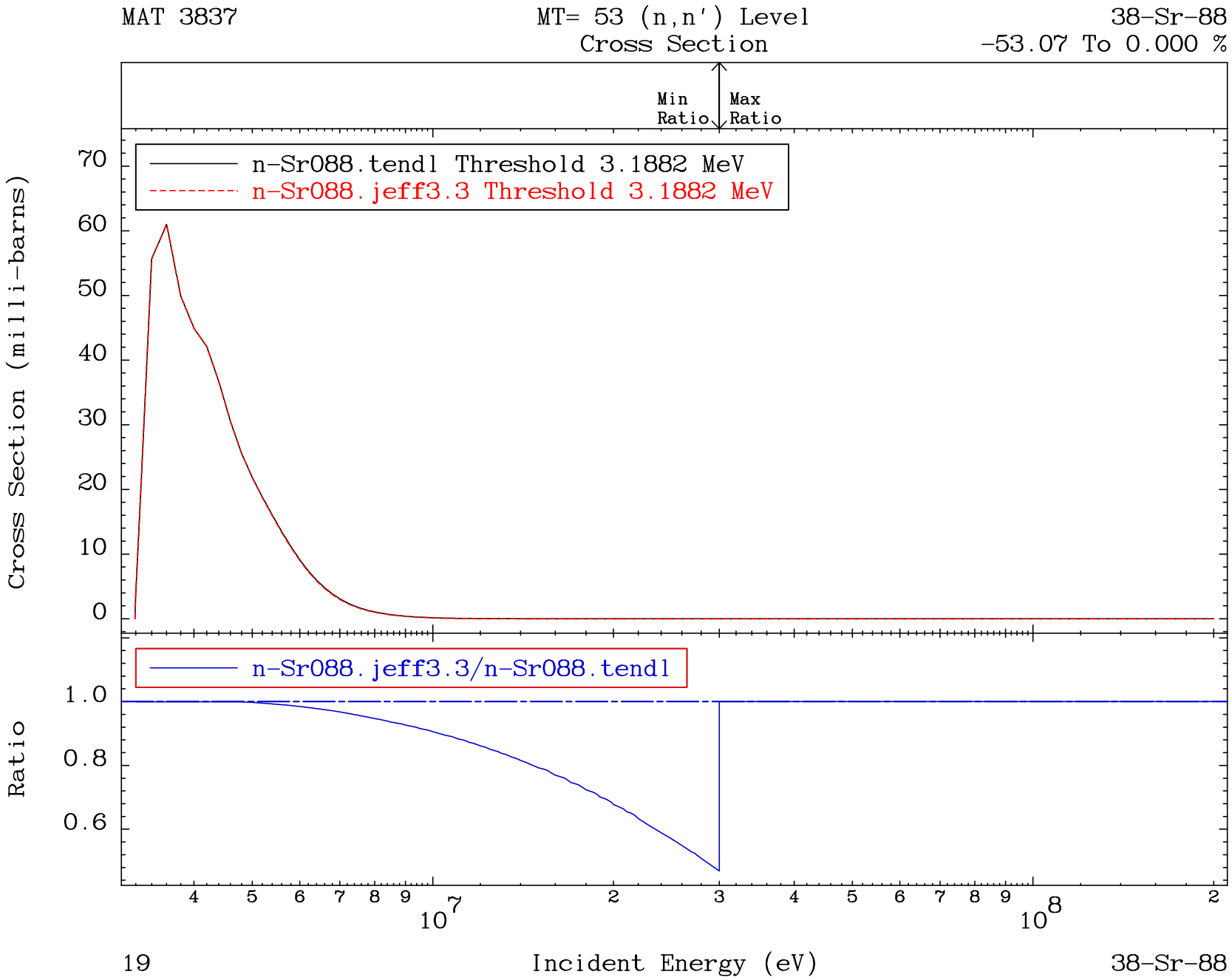

MAT 3837
(n,2n) p
Cross Section
38-Sr-88
-50.64 To 202.9 %
Min
Ratio
n-Sr088.tendl Threshold 20.832 MeV
n-Sr088.jeff3.3 Threshold 20.770 MeV
Cross Section (milli-barns)
0
10
20
30
40
50
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
2.0
3.0
20
40
60
80
100
120
140
160
180
200
14
Incident Energy (MeV)
38-Sr-88

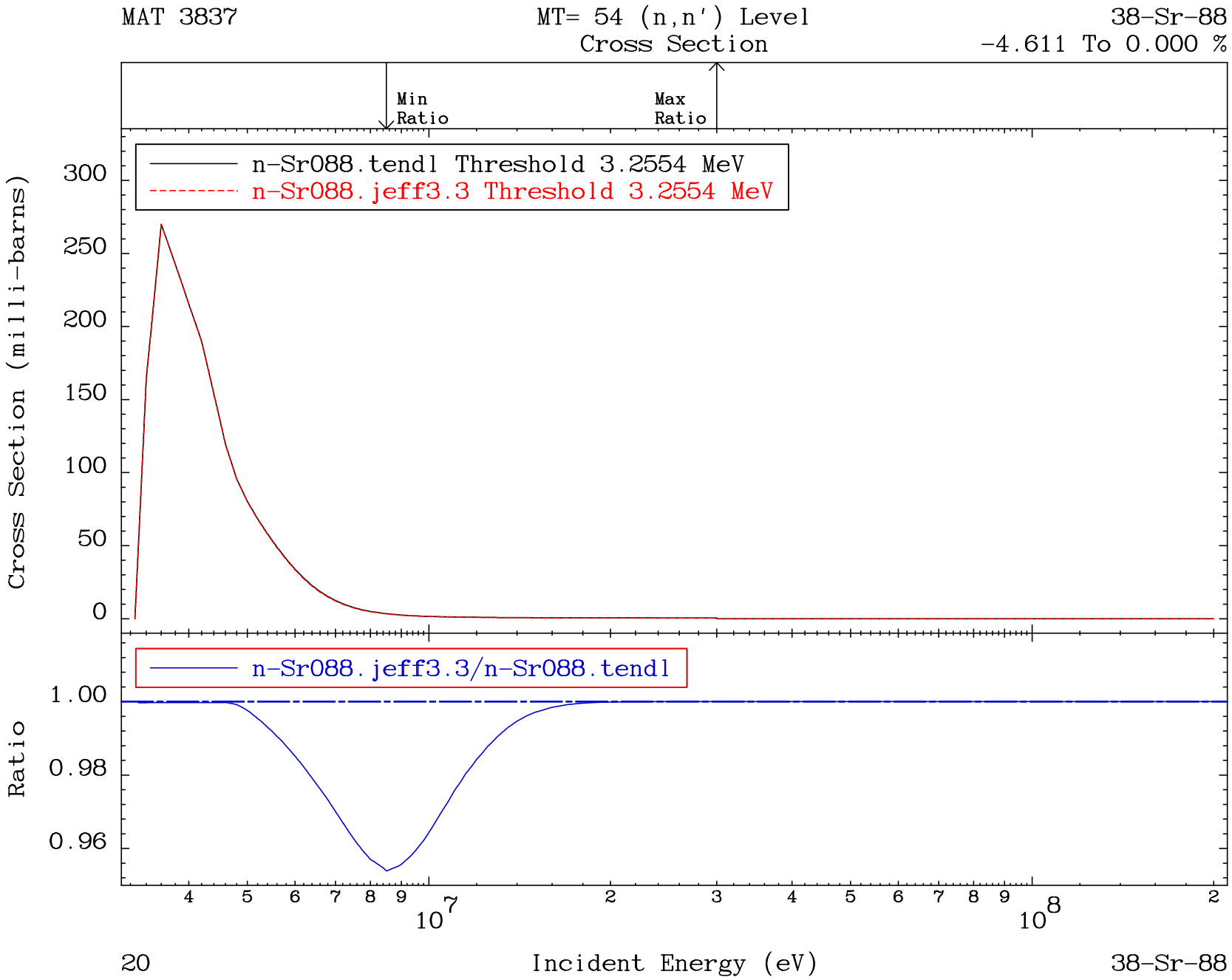

MAT 3837
(n,2n) p
Cross Section
38-Sr-88
-63.34 To 39.50 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 19.450 MeV
n-Sr088.jeff3.3 Threshold 19.388 MeV
Cross Section (micro-barns)
16
14
12
10
8
6
4
2
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.6
1.2
0.8
0.4
2
3
4
5
6
7
8
9
10^8
2
15
Incident Energy (eV)
38-Sr-88

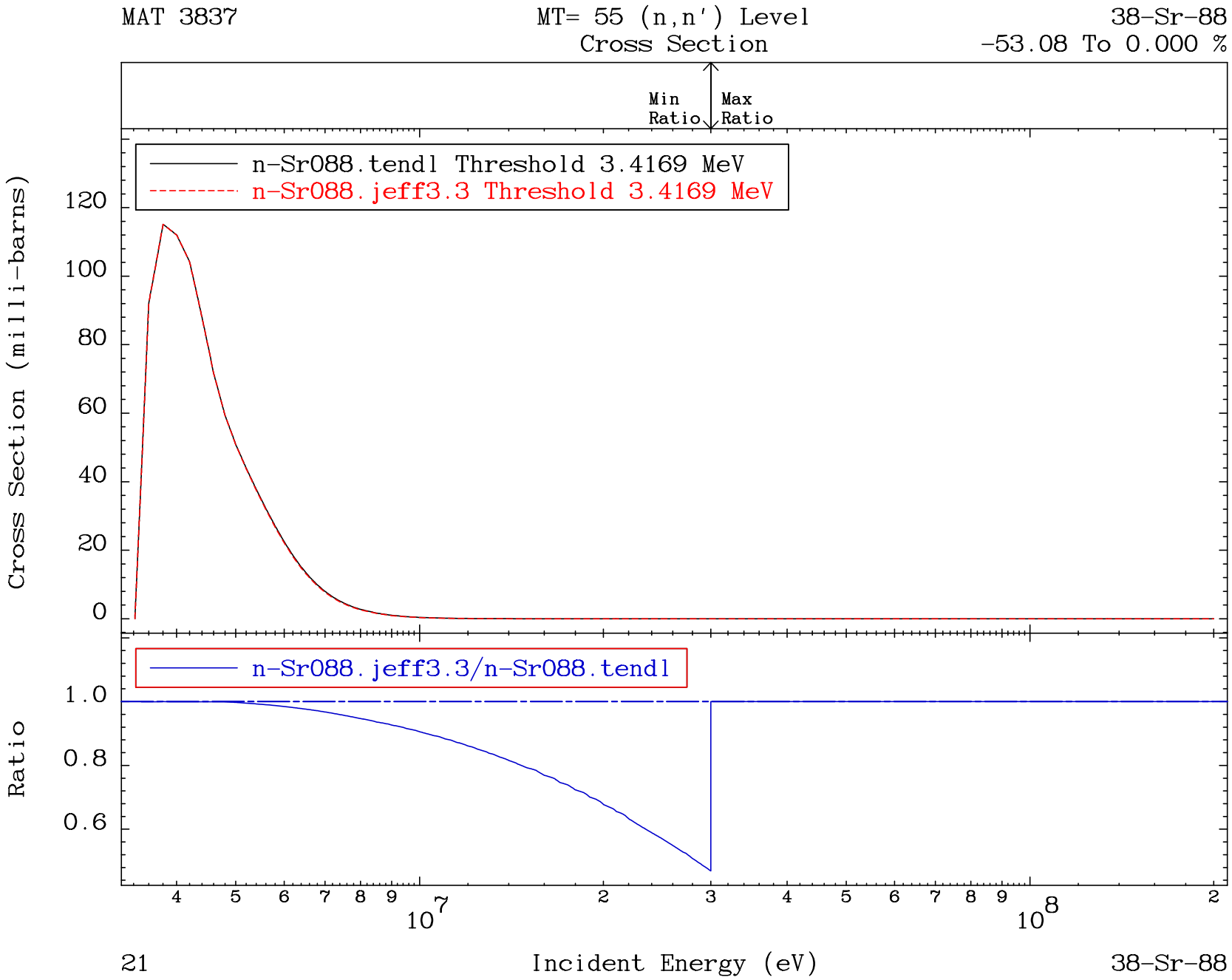

MAT 3837
(n,n') p α
Cross Section
38-Sr-88
0.000 To 1413. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 18.897 MeV
n-Sr088.jeff3.3 Threshold 18.836 MeV
Cross Section (10^-9 barns)
350
300
250
200
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^1
6
4
2
10^0
2
3
4
5
6
7
8
9
10^8
2
16
Incident Energy (eV)
38-Sr-88

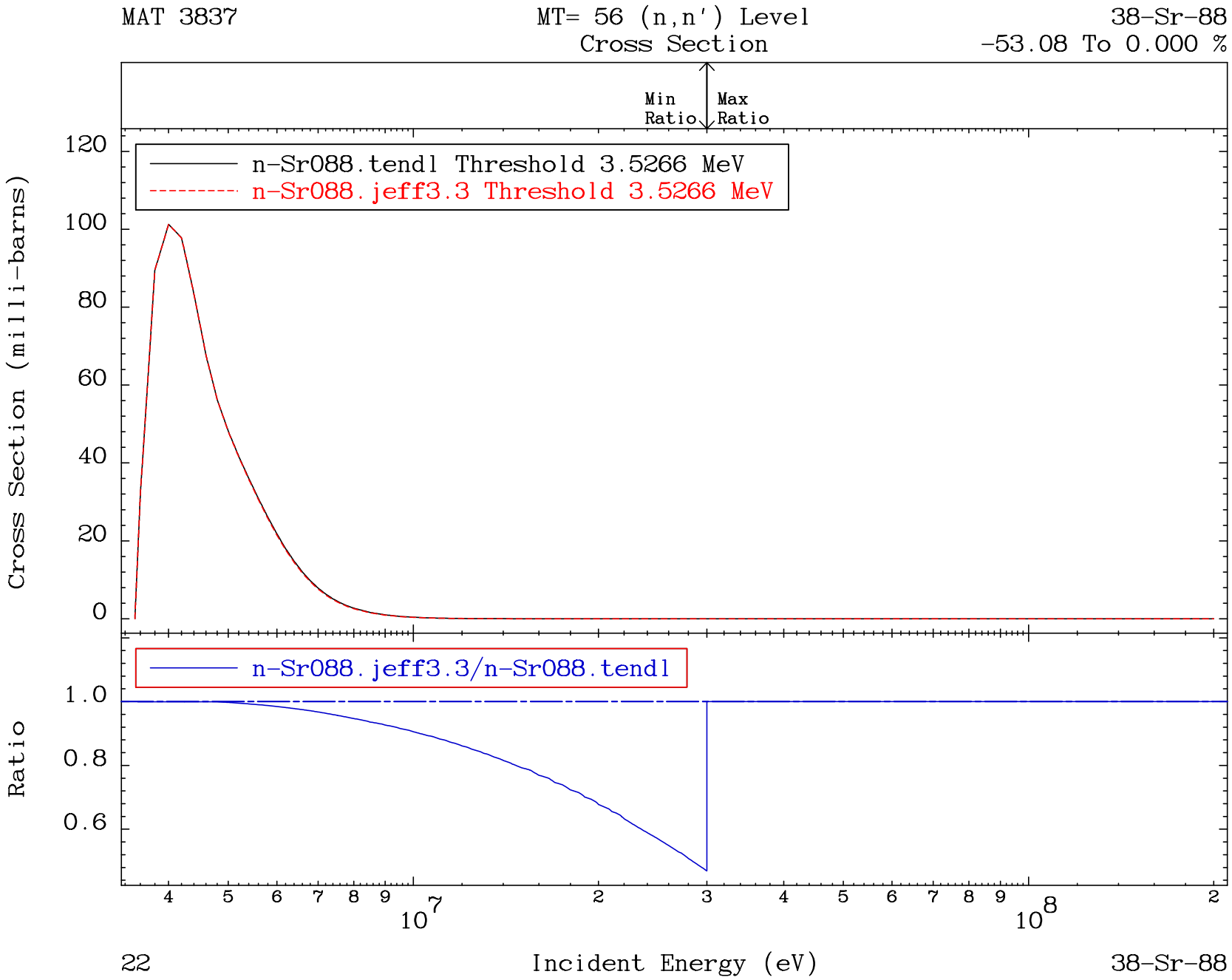

MAT 3837
MT= 51 (n,n') Level
Cross Section
38-Sr-88
-0.777 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 1.8572 MeV
n-Sr088.jeff3.3 Threshold 1.8572 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.01
1.00
0.99
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
17
Incident Energy (eV)
38-Sr-88

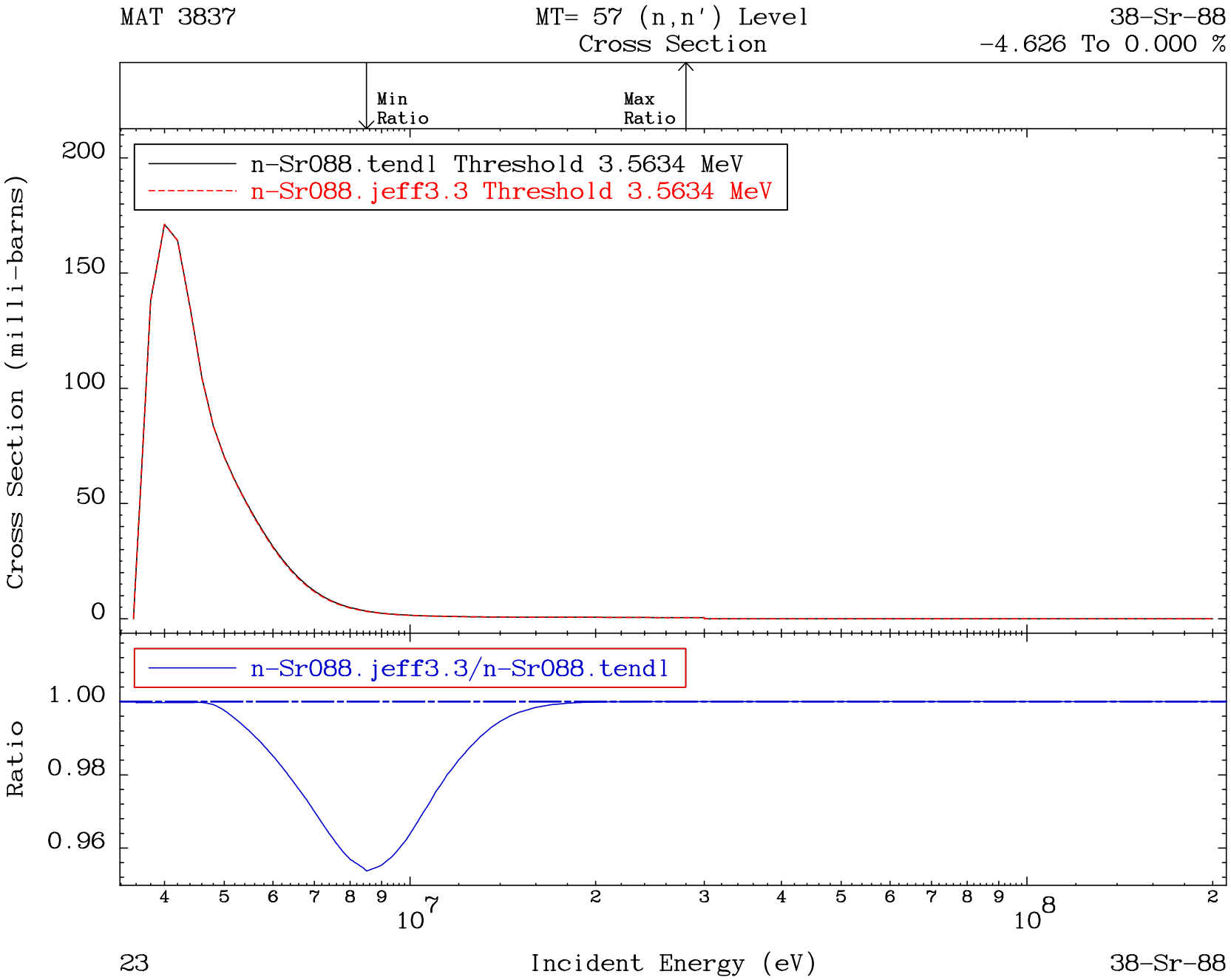

MAT 3837
MT= 52 (n,n') Level
Cross Section
38-Sr-88
-0.838 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 2.7655 MeV
n-Sr088.jeff3.3 Threshold 2.7655 MeV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.01
1.00
0.99
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
18
Incident Energy (eV)
38-Sr-88

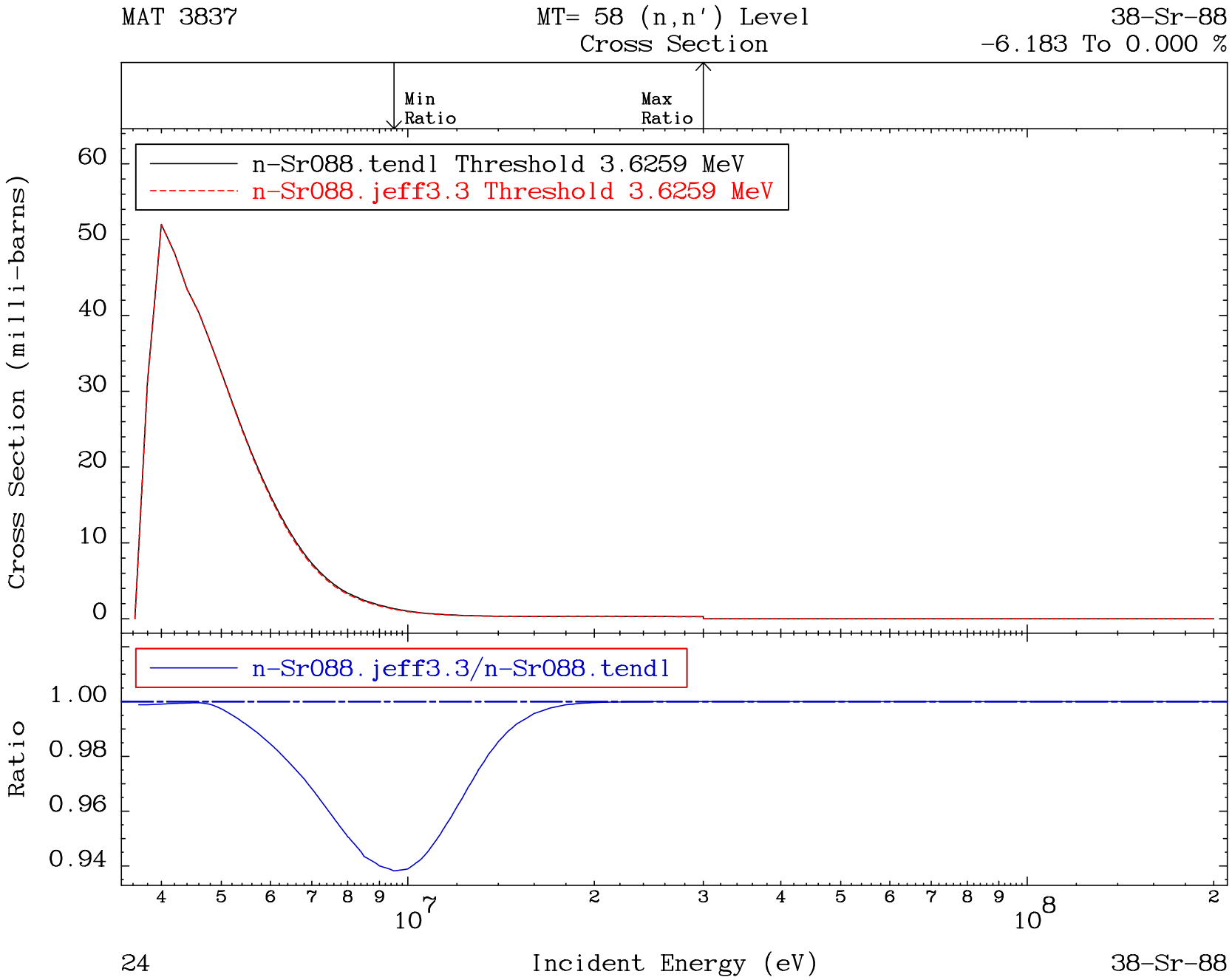

MAT 3837
MT= 53 (n,n') Level
Cross Section
38-Sr-88
-53.07 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 3.1882 MeV
n-Sr088.jeff3.3 Threshold 3.1882 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
38-Sr-88

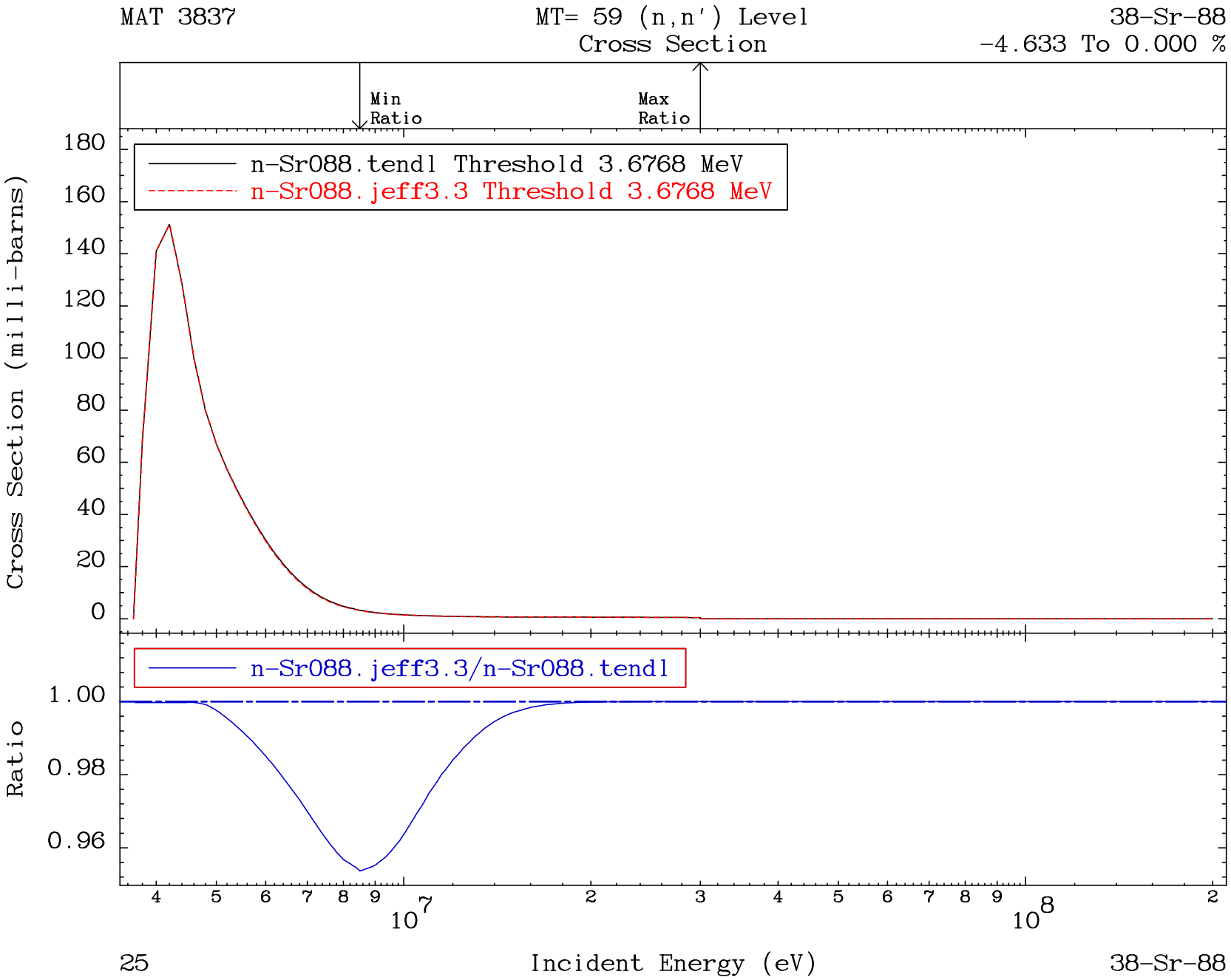

MAT 3837
MT= 54 (n,n') Level
Cross Section
38-Sr-88
-4.611 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 3.2554 MeV
n-Sr088.jeff3.3 Threshold 3.2554 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
20
Incident Energy (eV)
38-Sr-88

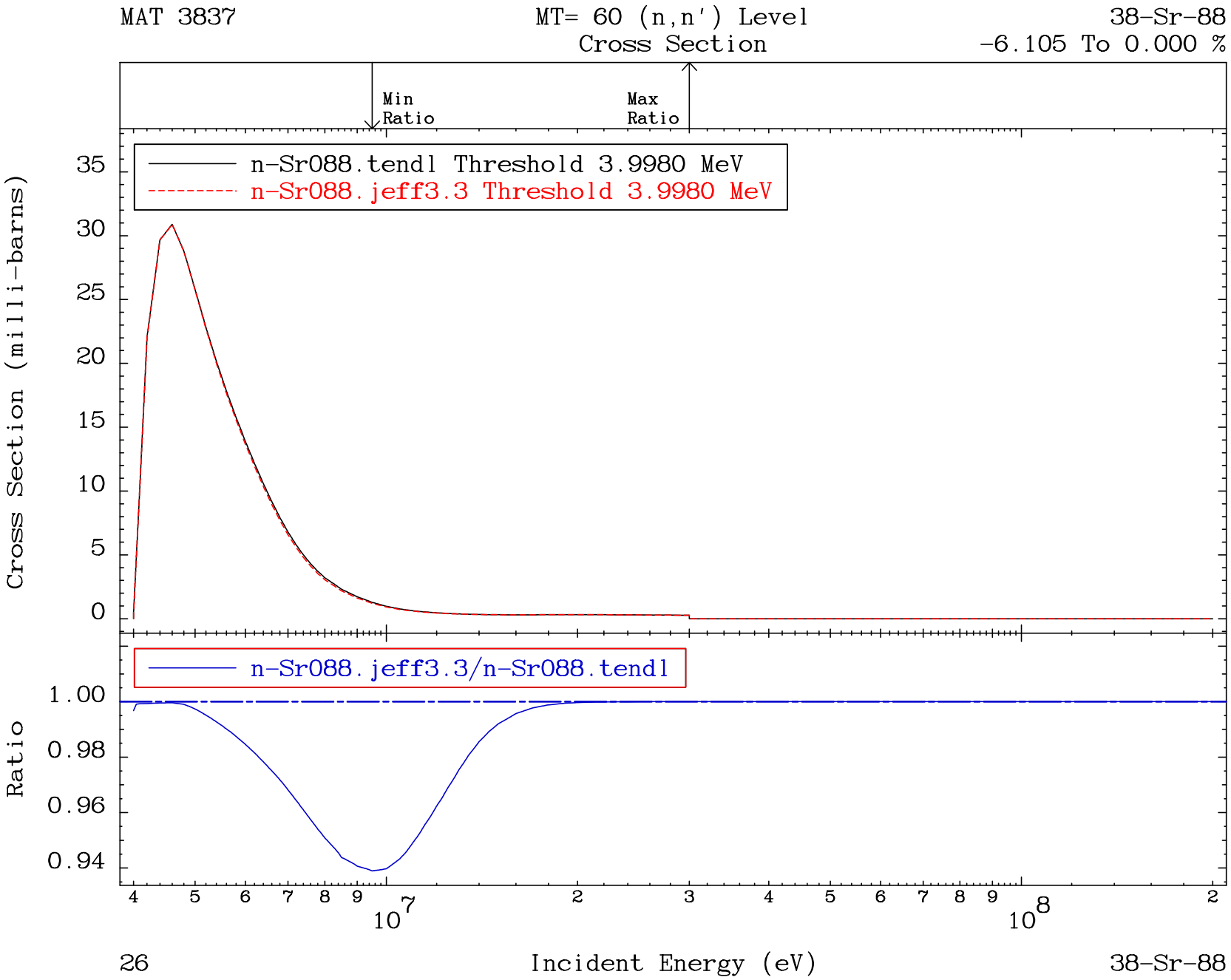

MAT 3837
MT= 55 (n,n') Level
Cross Section
38-Sr-88
-53.08 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 3.4169 MeV
n-Sr088.jeff3.3 Threshold 3.4169 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
21
Incident Energy (eV)
38-Sr-88

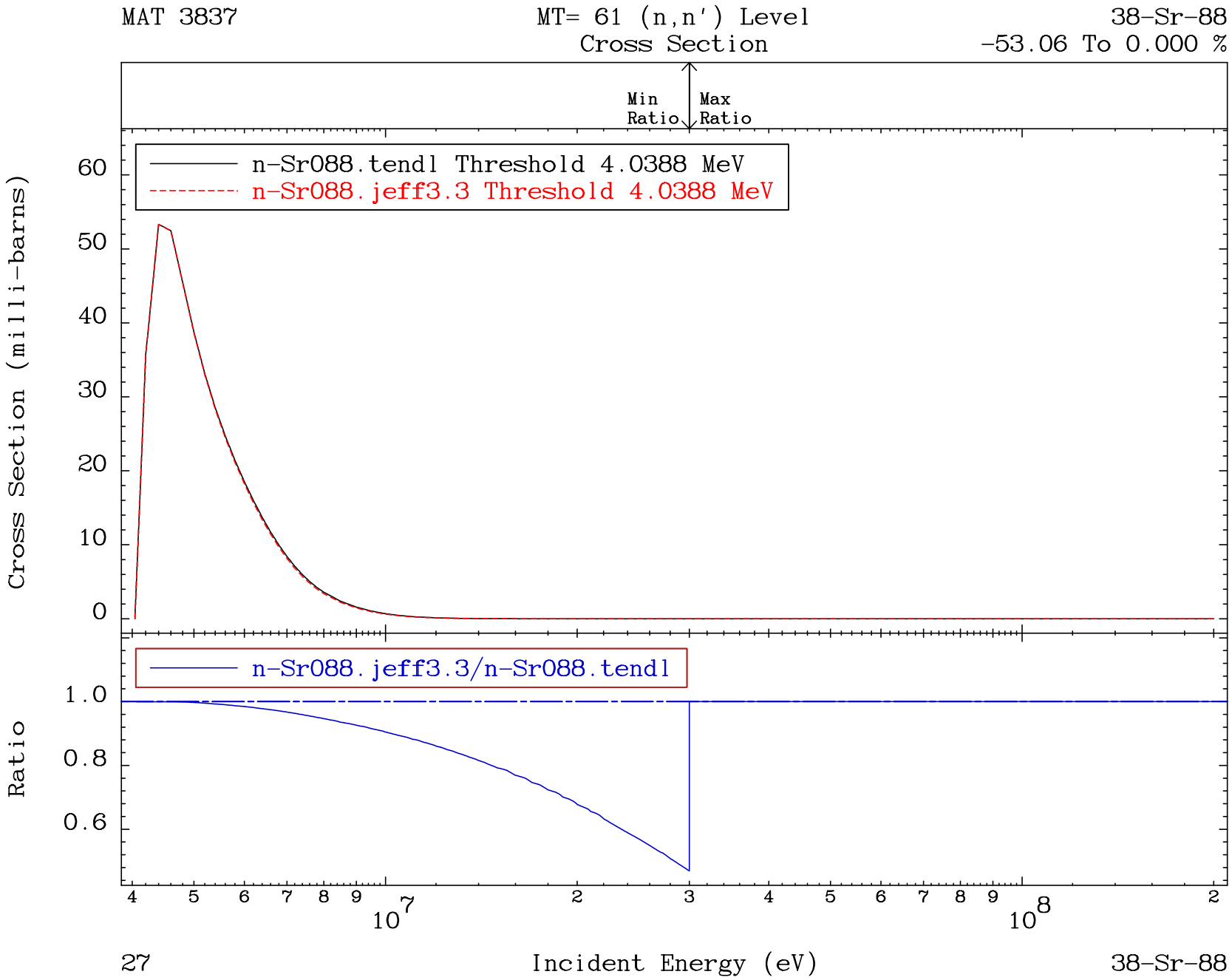

MAT 3837
MT= 56 (n,n') Level
Cross Section
38-Sr-88
-53.08 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 3.5266 MeV
n-Sr088.jeff3.3 Threshold 3.5266 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
22
Incident Energy (eV)
38-Sr-88

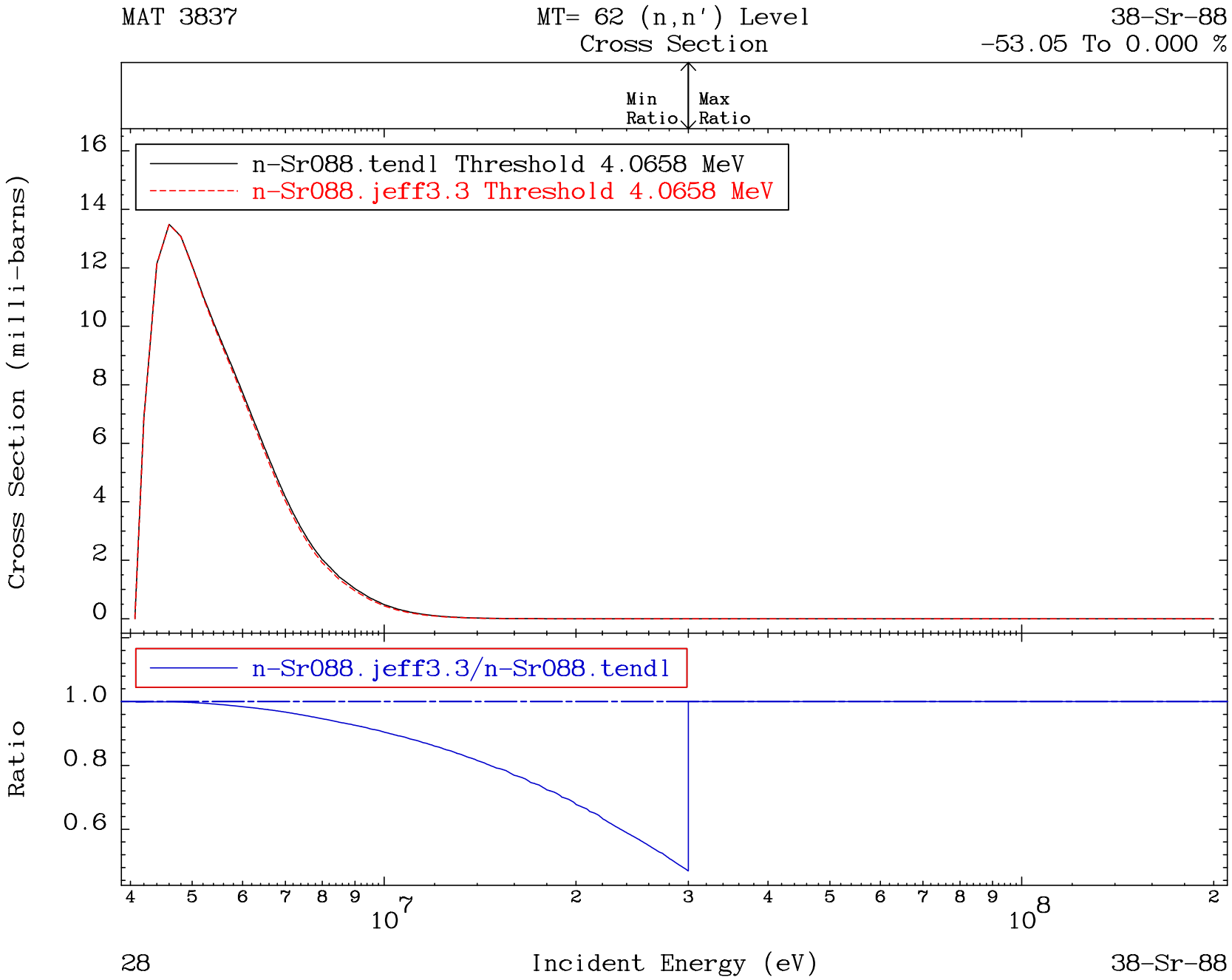

MAT 3837
MT= 57 (n,n') Level
Cross Section
38-Sr-88
-4.626 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 3.5634 MeV
n-Sr088.jeff3.3 Threshold 3.5634 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
23
Incident Energy (eV)
38-Sr-88

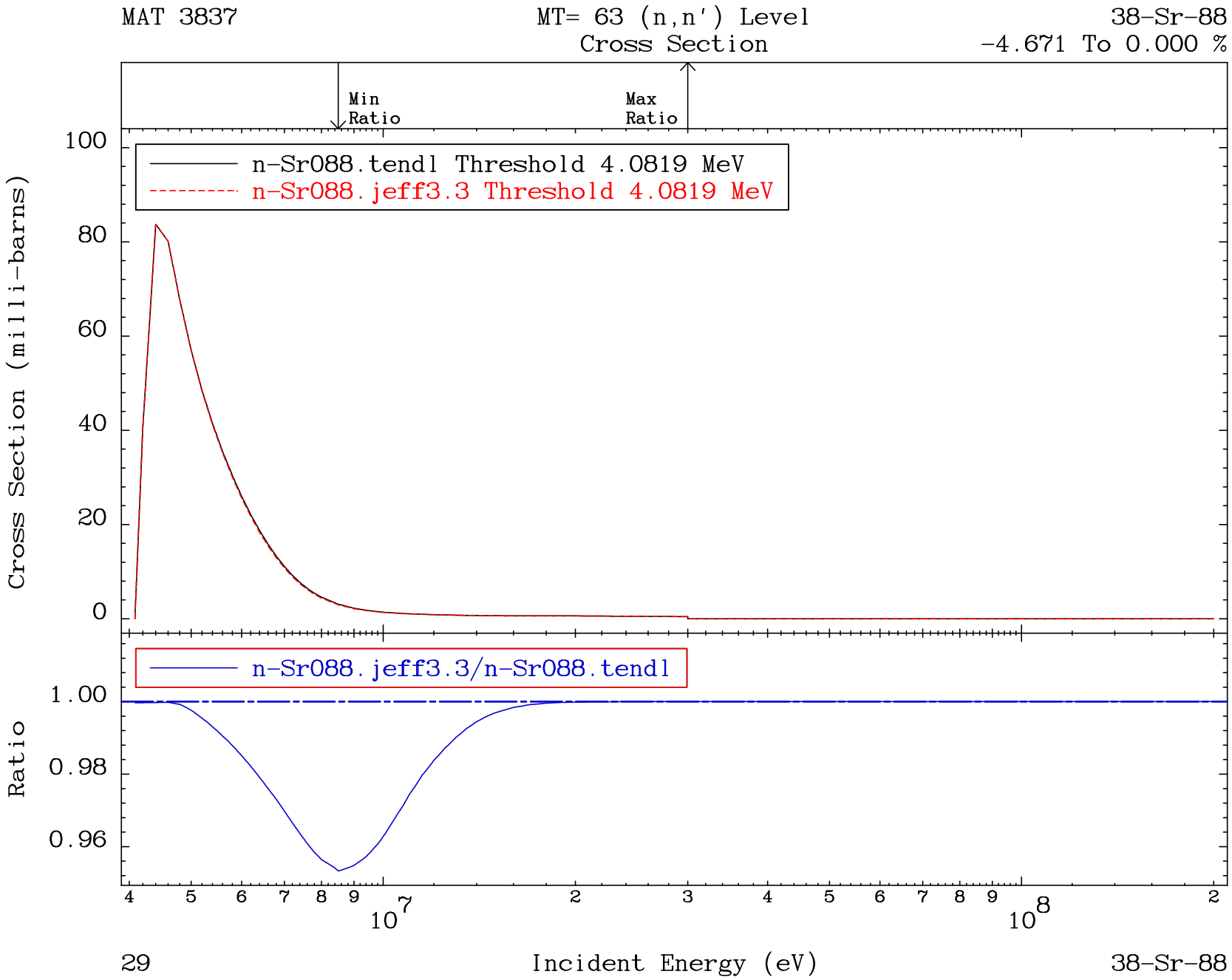

MAT 3837
MT= 58 (n,n') Level
Cross Section
38-Sr-88
-6.183 To 0.000 %
Min
Ratio
Max
Ratio
n-Sr088.tendl Threshold 3.6259 MeV
n-Sr088.jeff3.3 Threshold 3.6259 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
0.94
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
24
Incident Energy (eV)
38-Sr-88

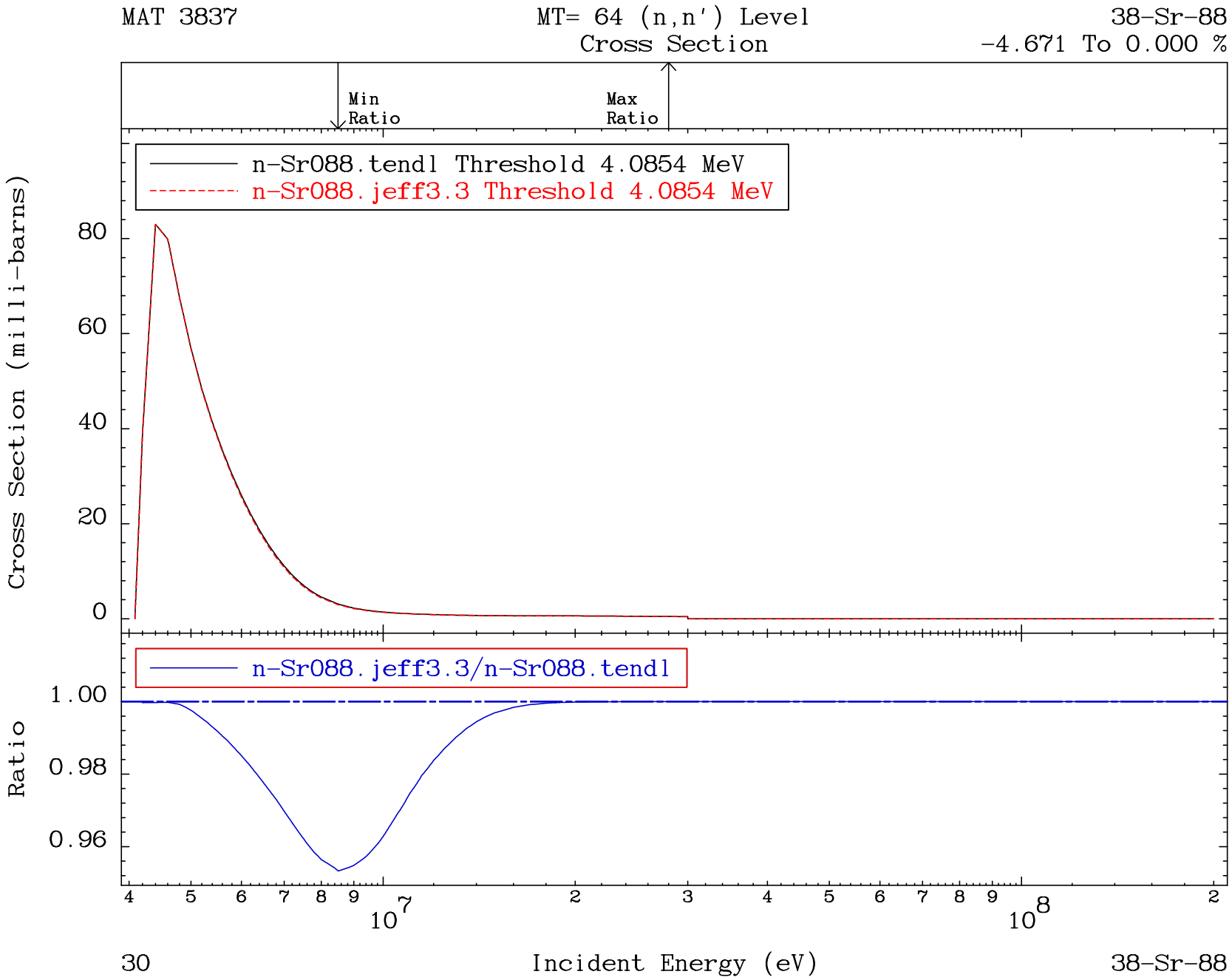

MAT 3837
MT= 59 (n,n') Level
Cross Section
38-Sr-88
-4.633 To 0.000 %
Min
Ratio
Max
Ratio
n-Sr088.tendl Threshold 3.6768 MeV
n-Sr088.jeff3.3 Threshold 3.6768 MeV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
25
Incident Energy (eV)
38-Sr-88

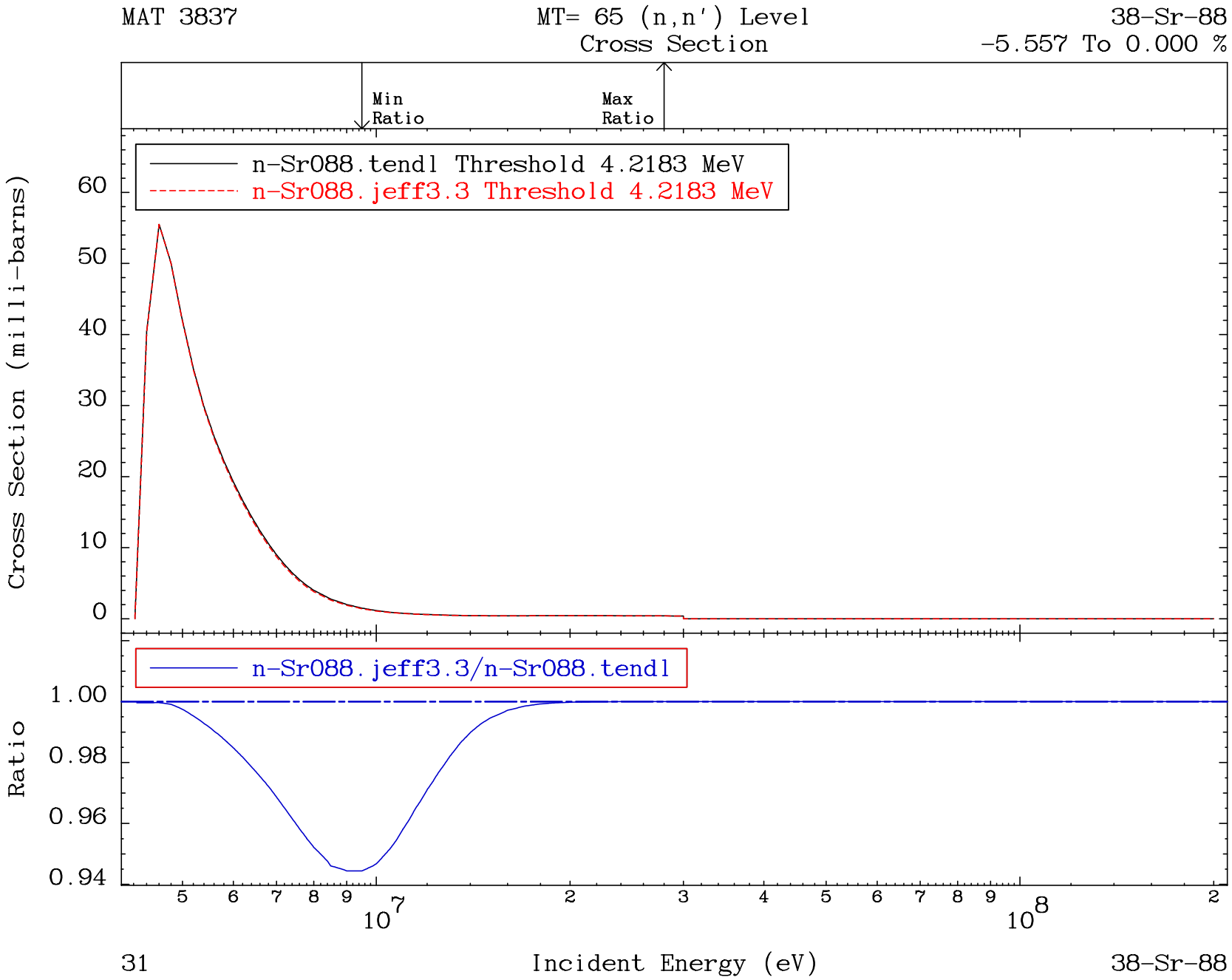

MAT 3837
MT= 60 (n,n') Level
Cross Section
38-Sr-88
-6.105 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 3.9980 MeV
n-Sr088.jeff3.3 Threshold 3.9980 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
0.94
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
26
Incident Energy (eV)
38-Sr-88

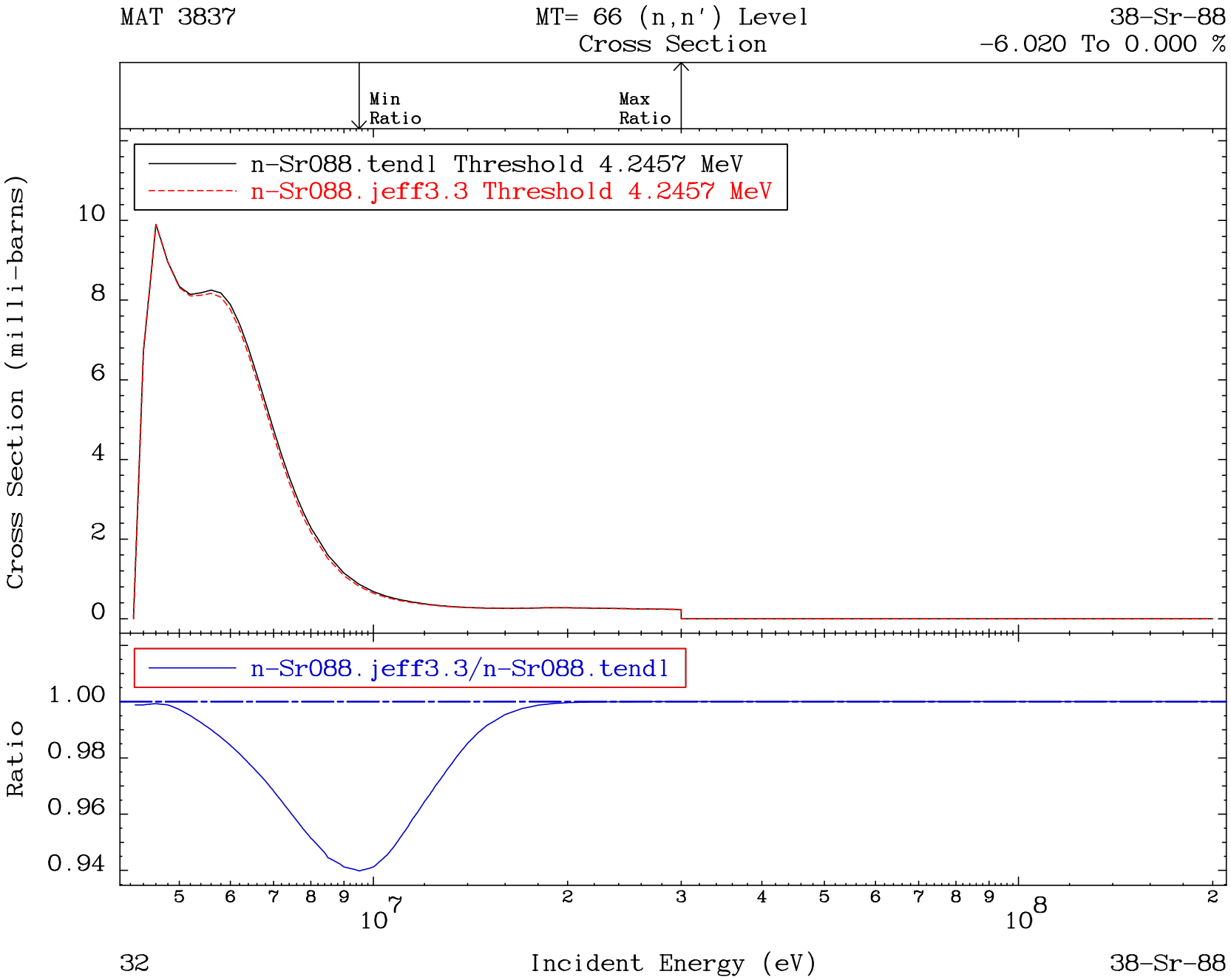

MAT 3837
MT= 61 (n,n') Level
Cross Section
38-Sr-88
-53.06 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.0388 MeV
n-Sr088.jeff3.3 Threshold 4.0388 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
38-Sr-88

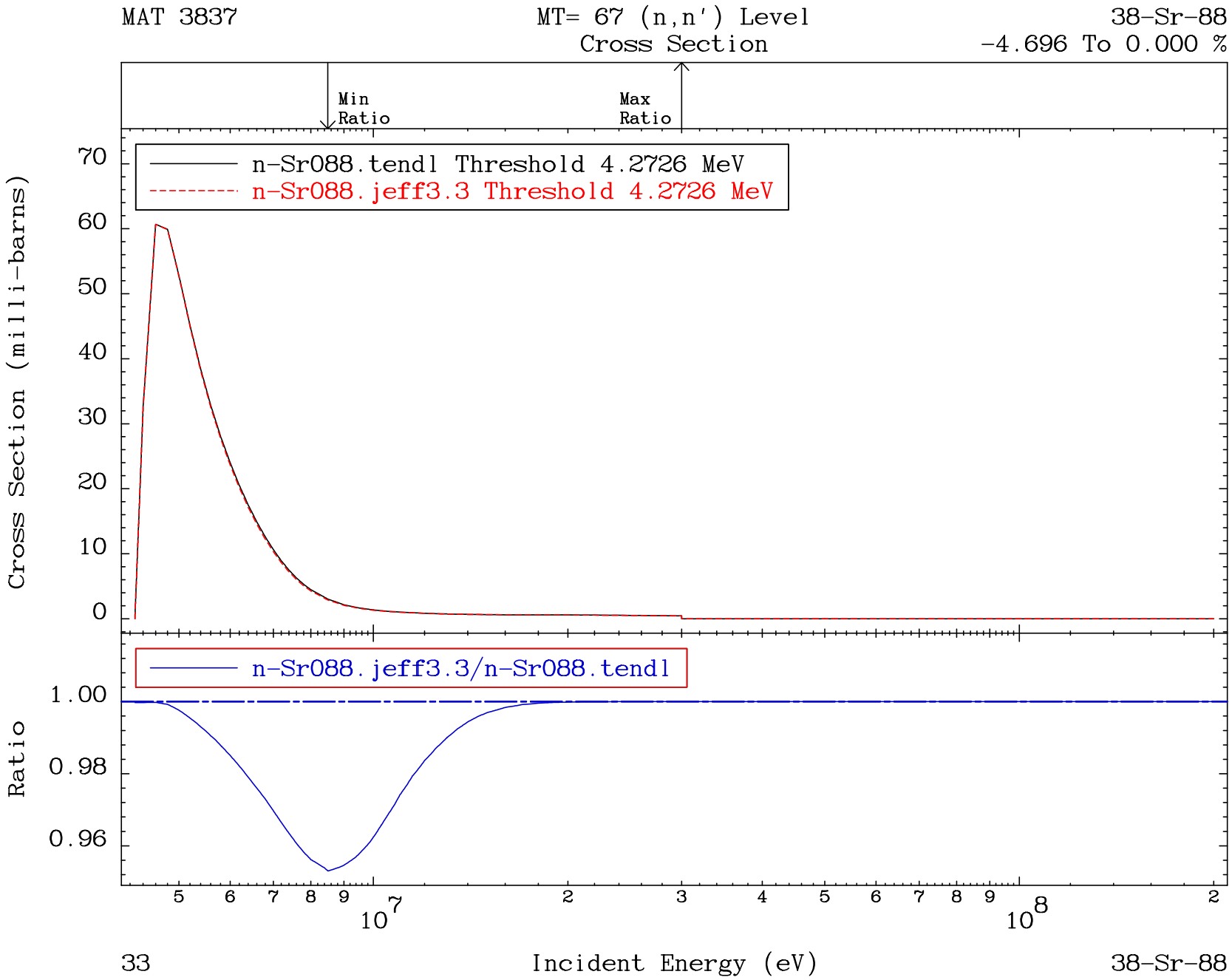

MAT 3837
MT= 62 (n,n') Level
Cross Section
38-Sr-88
-53.05 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.0658 MeV
n-Sr088.jeff3.3 Threshold 4.0658 MeV
Cross Section (milli-barns)
0
2
4
6
8
10
12
14
16
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
0.6
0.8
1.0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
28
Incident Energy (eV)
38-Sr-88

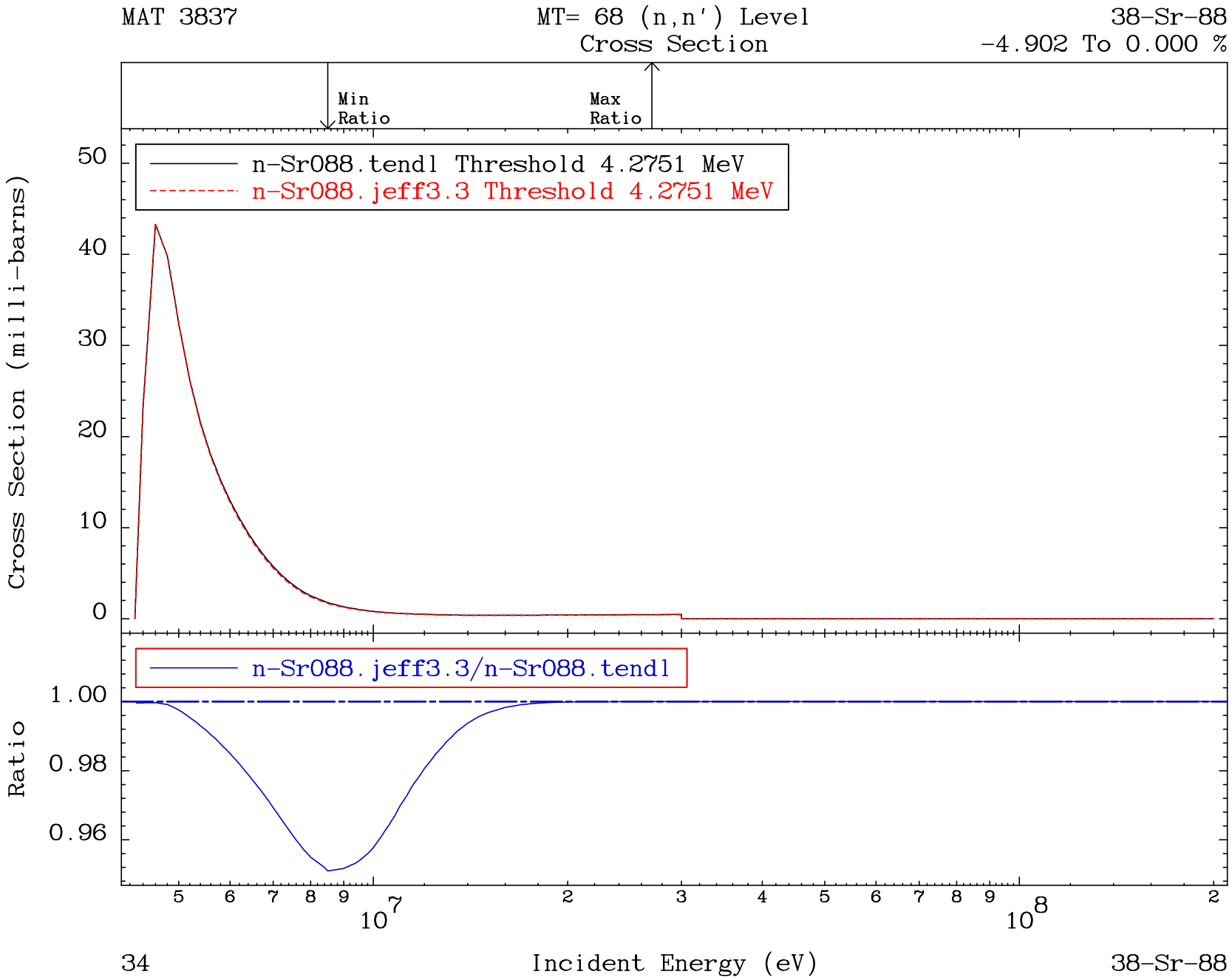

MAT 3837
MT= 63 (n,n') Level
Cross Section
38-Sr-88
-4.671 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.0819 MeV
n-Sr088.jeff3.3 Threshold 4.0819 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
38-Sr-88

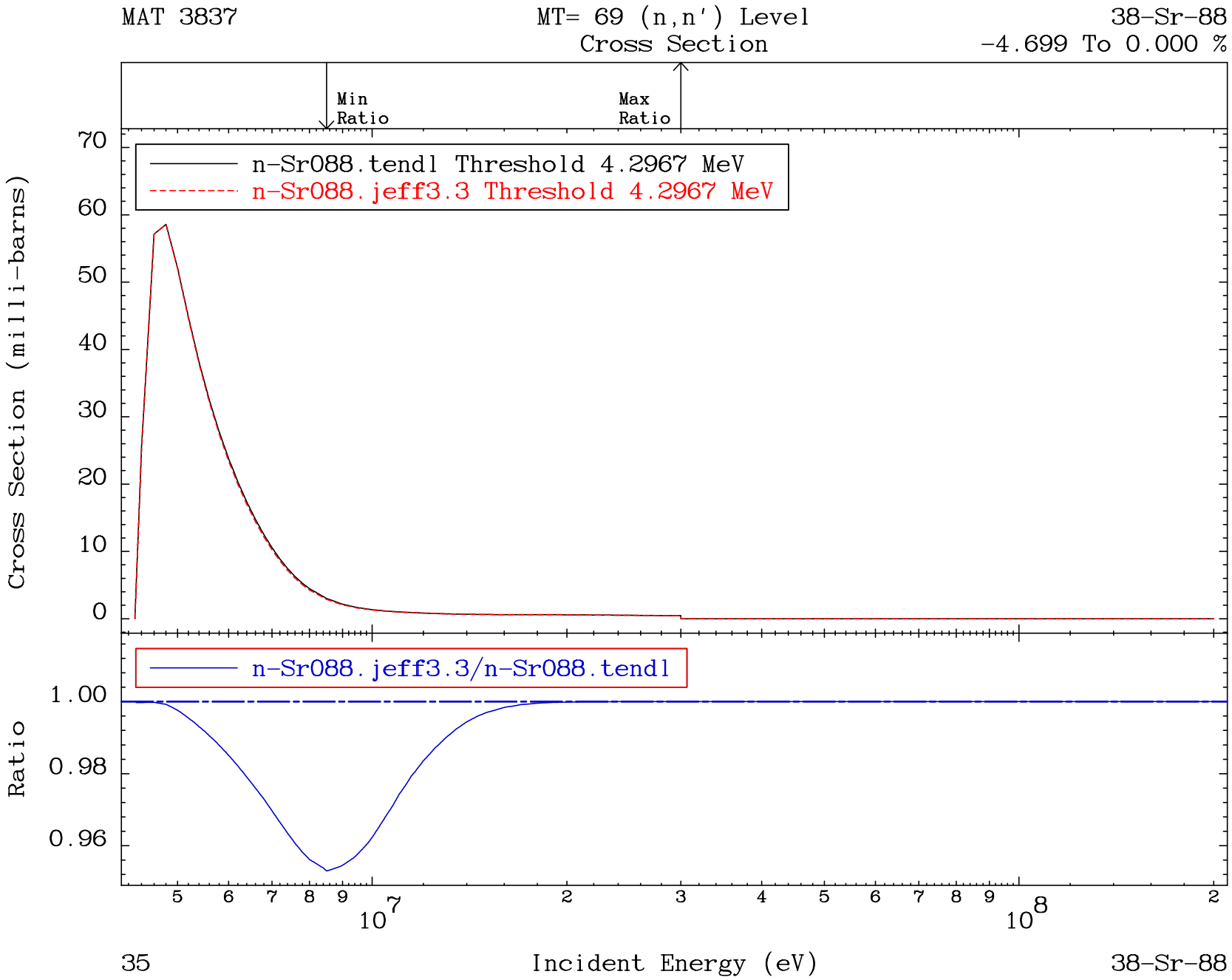

MAT 3837
MT= 64 (n,n') Level
Cross Section
38-Sr-88
-4.671 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.0854 MeV
n-Sr088.jeff3.3 Threshold 4.0854 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
30
Incident Energy (eV)
38-Sr-88

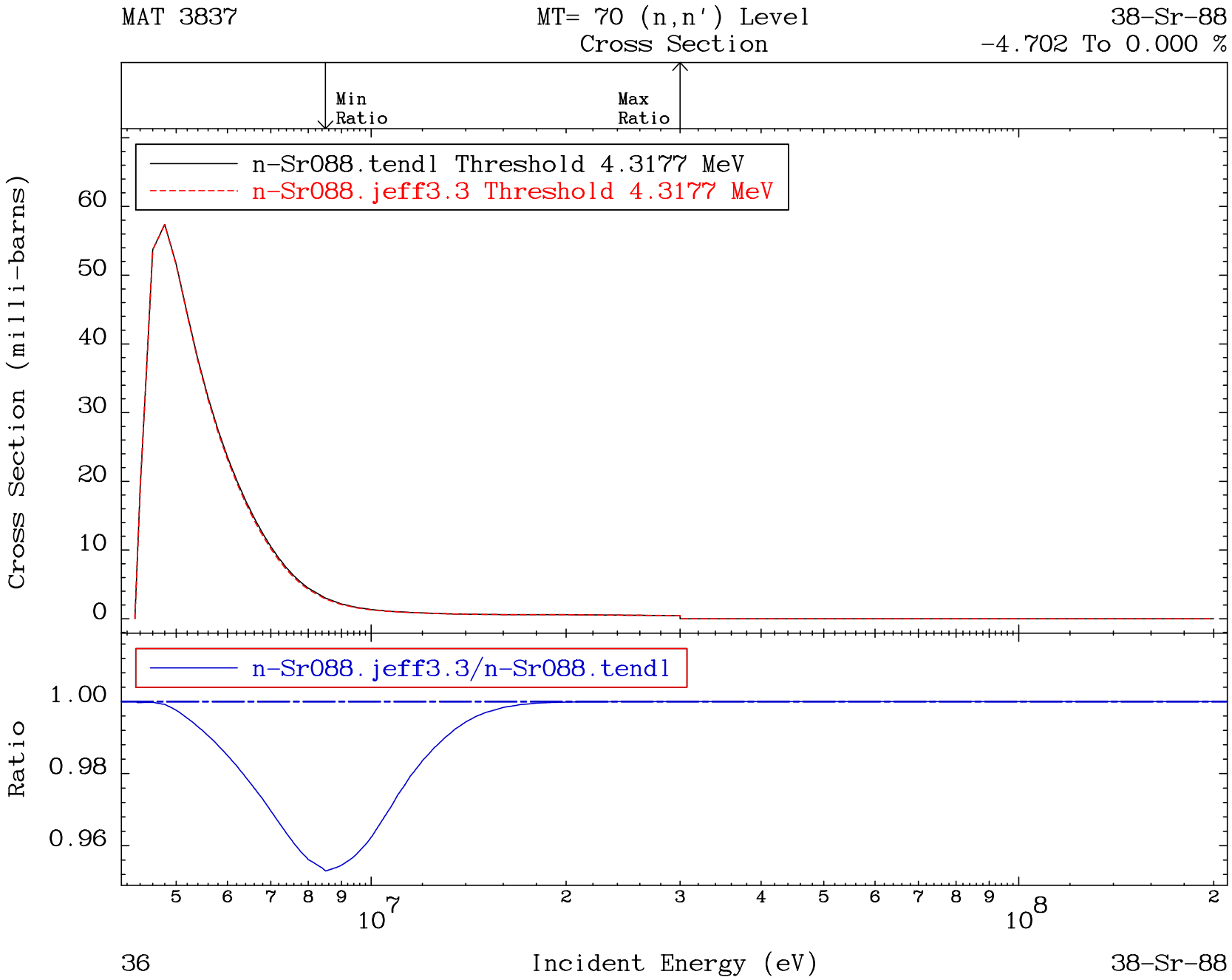

MAT 3837
MT= 65 (n,n') Level
Cross Section
38-Sr-88
-5.557 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.2183 MeV
n-Sr088.jeff3.3 Threshold 4.2183 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
0.94
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
31
Incident Energy (eV)
38-Sr-88

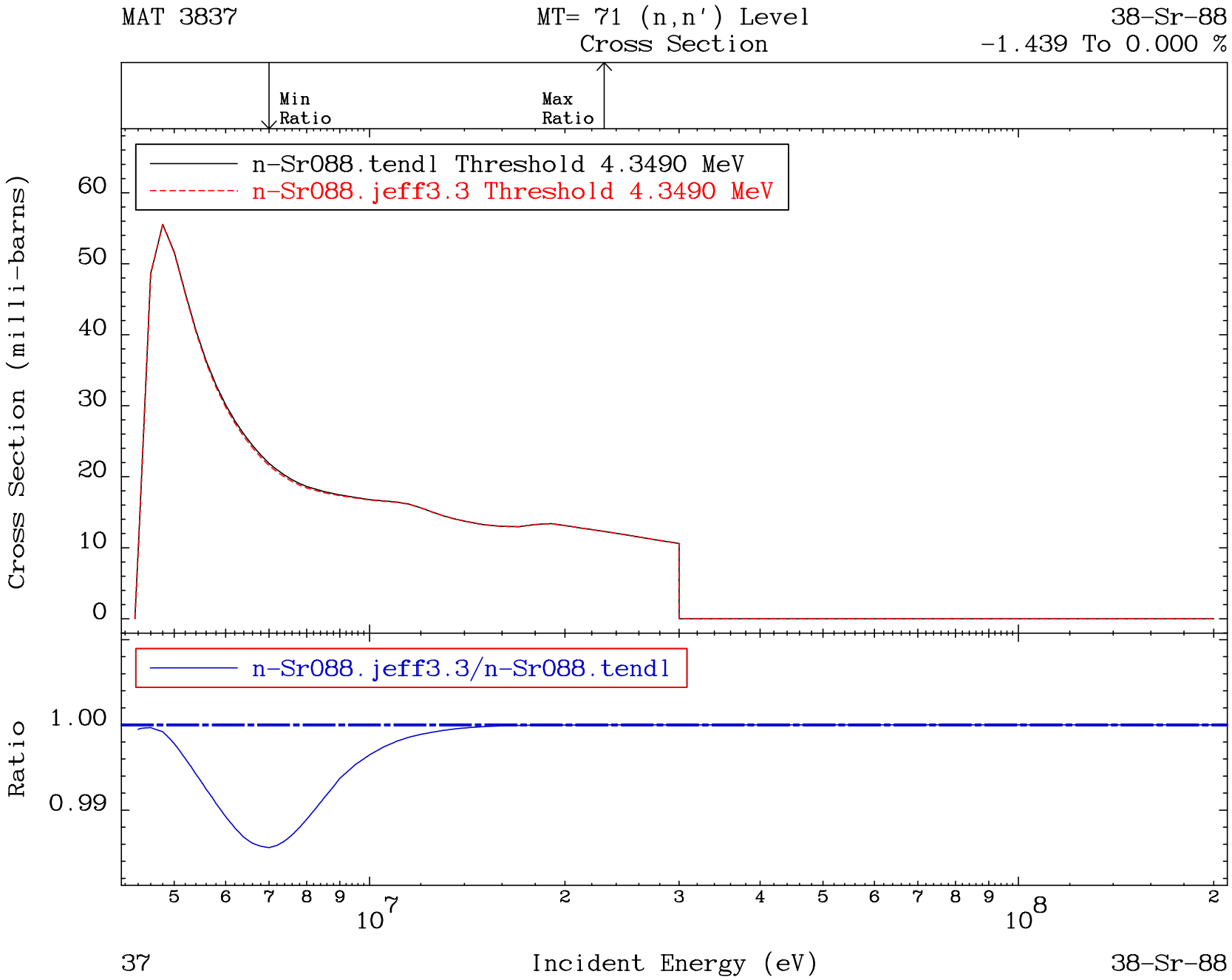

MAT 3837
MT= 66 (n,n') Level
Cross Section
38-Sr-88
-6.020 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.2457 MeV
n-Sr088.jeff3.3 Threshold 4.2457 MeV
Cross Section (milli-barns)
10
8
6
4
2
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
0.94
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
32
Incident Energy (eV)
38-Sr-88

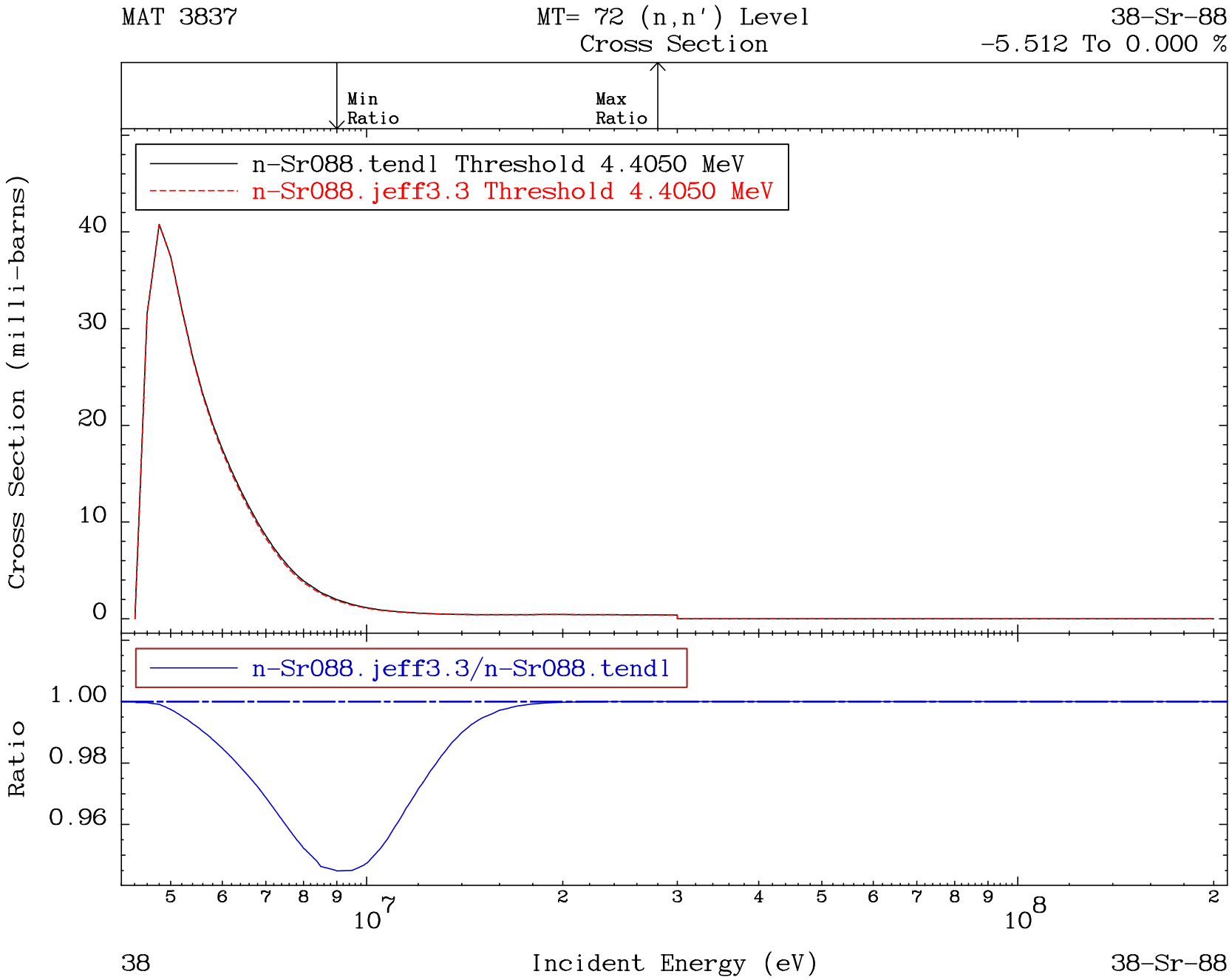

MAT 3837
MT= 67 (n,n') Level
Cross Section
38-Sr-88
-4.696 To 0.000 %
Min
Ratio
Max
Ratio
n-Sr088.tendl Threshold 4.2726 MeV
n-Sr088.jeff3.3 Threshold 4.2726 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
33
Incident Energy (eV)
38-Sr-88

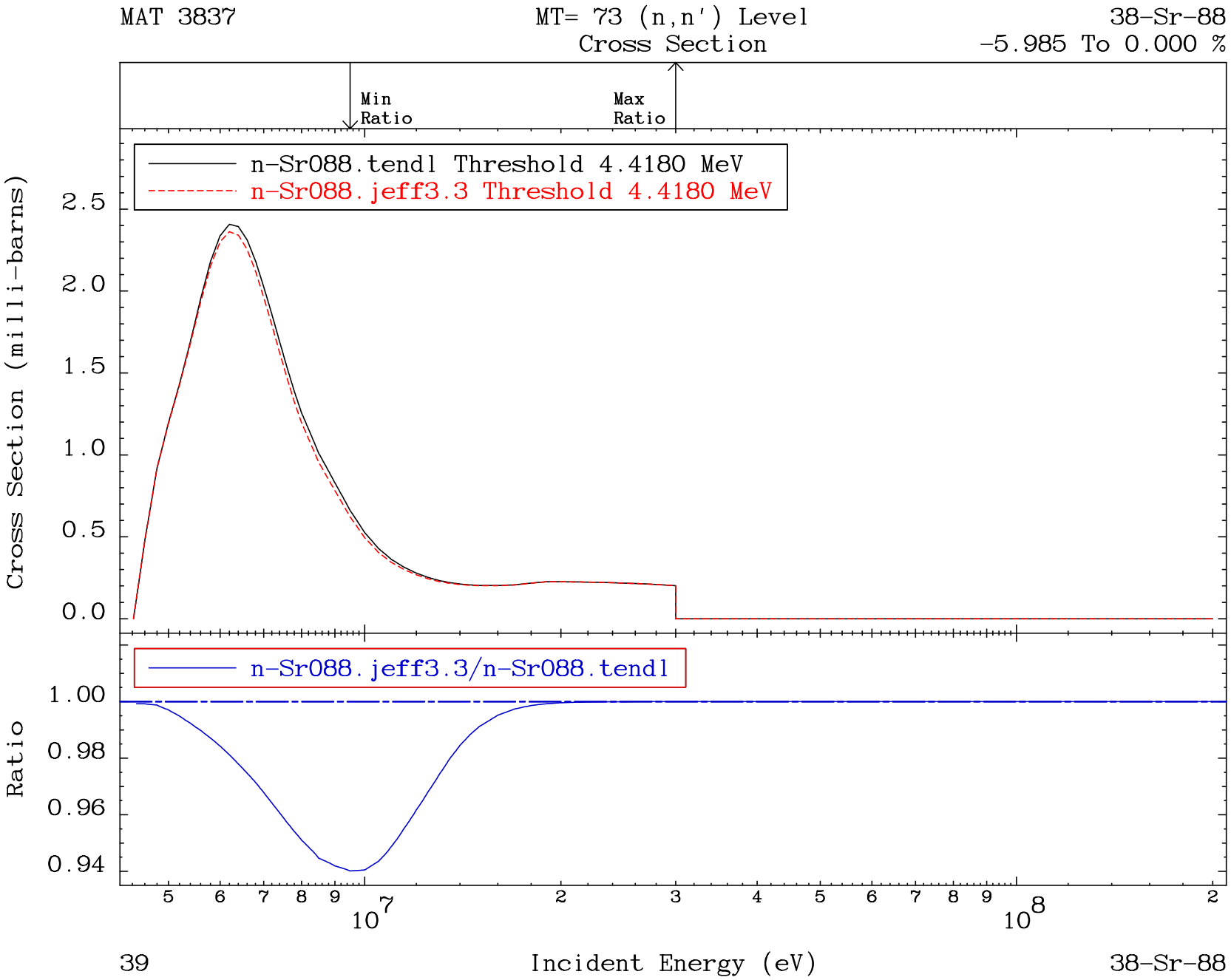

MAT 3837
MT= 68 (n,n') Level
Cross Section
38-Sr-88
-4.902 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.2751 MeV
n-Sr088.jeff3.3 Threshold 4.2751 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
38-Sr-88

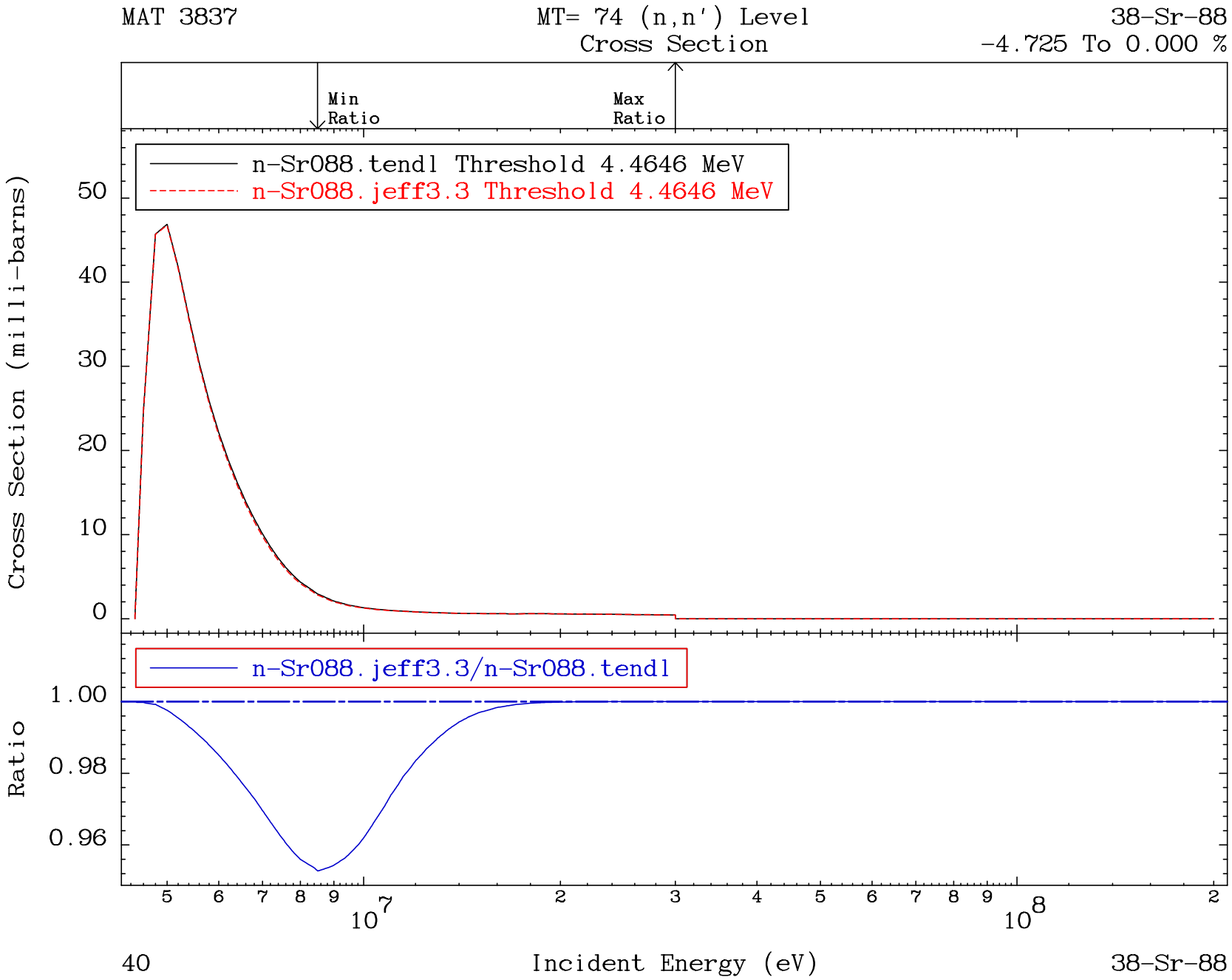

MAT 3837
MT= 69 (n,n') Level
Cross Section
38-Sr-88
-4.699 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.2967 MeV
n-Sr088.jeff3.3 Threshold 4.2967 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
35
Incident Energy (eV)
38-Sr-88

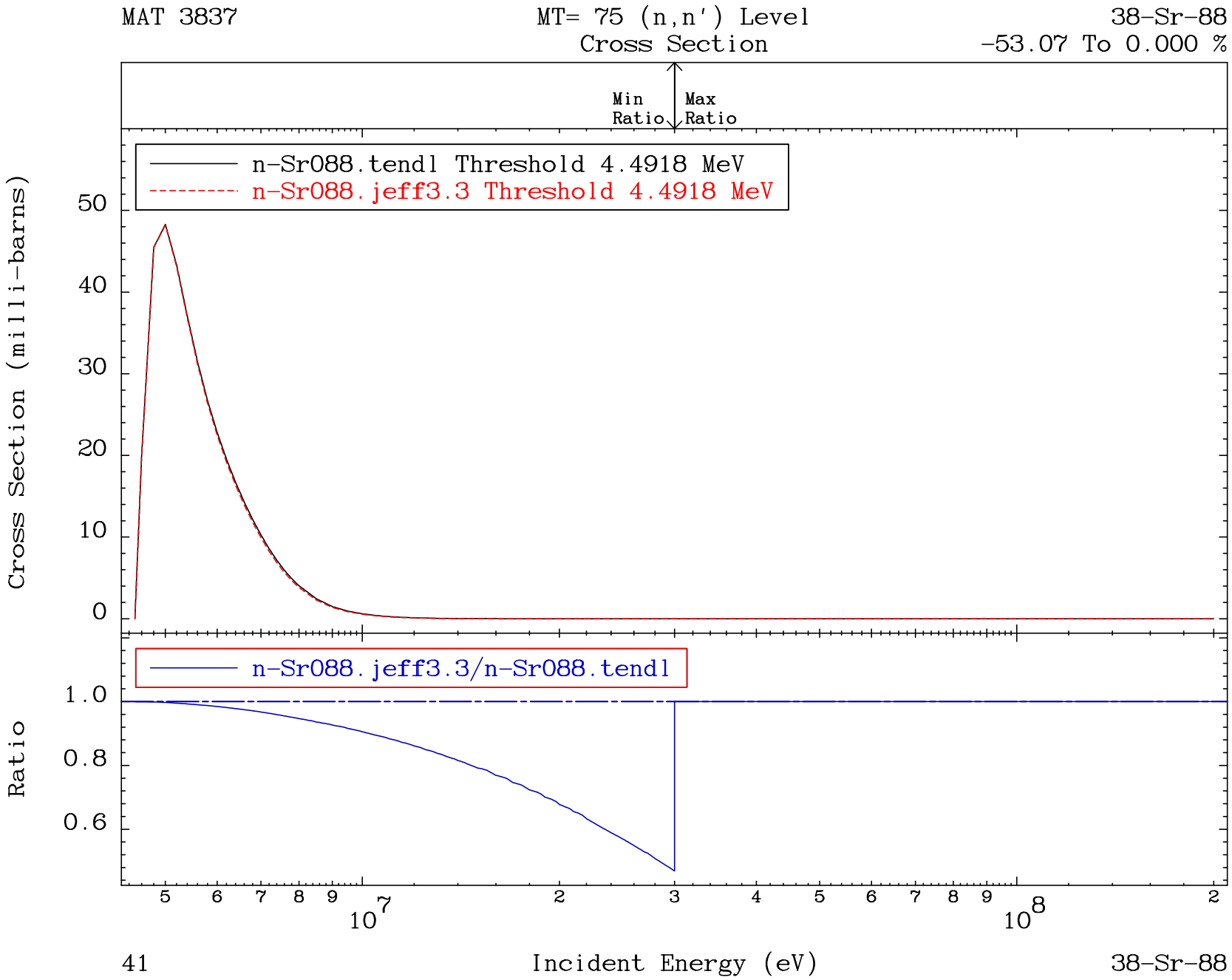

MAT 3837
MT= 70 (n,n') Level
Cross Section
38-Sr-88
-4.702 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.3177 MeV
n-Sr088.jeff3.3 Threshold 4.3177 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
36
Incident Energy (eV)
38-Sr-88

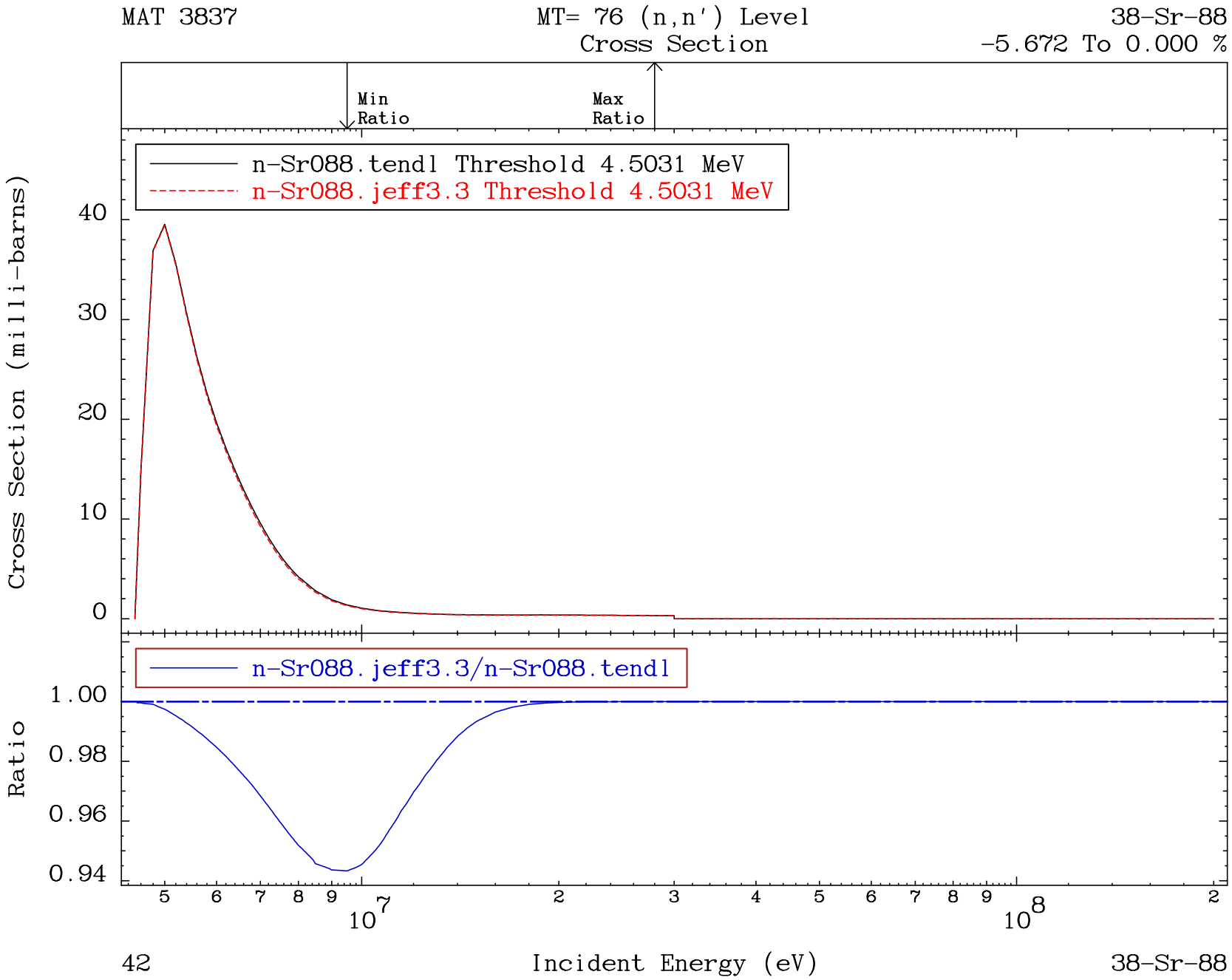

MAT 3837
MT= 71 (n,n') Level
Cross Section
38-Sr-88
-1.439 To 0.000 %
Min
Ratio
Max
Ratio
n-Sr088.tendl Threshold 4.3490 MeV
n-Sr088.jeff3.3 Threshold 4.3490 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.99
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
37
Incident Energy (eV)
38-Sr-88

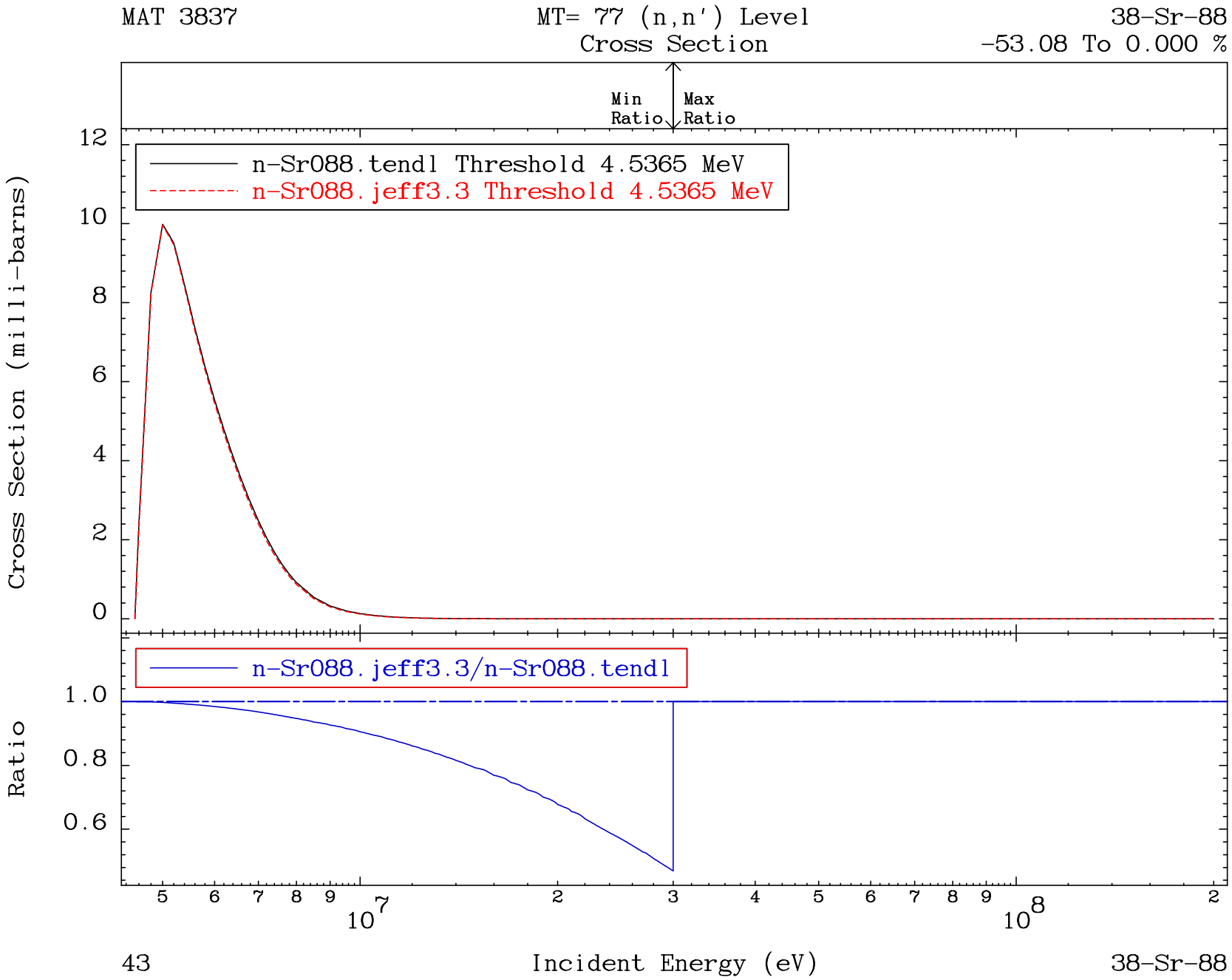

MAT 3837
MT= 72 (n,n') Level
Cross Section
38-Sr-88
-5.512 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.4050 MeV
n-Sr088.jeff3.3 Threshold 4.4050 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
38
Incident Energy (eV)
38-Sr-88

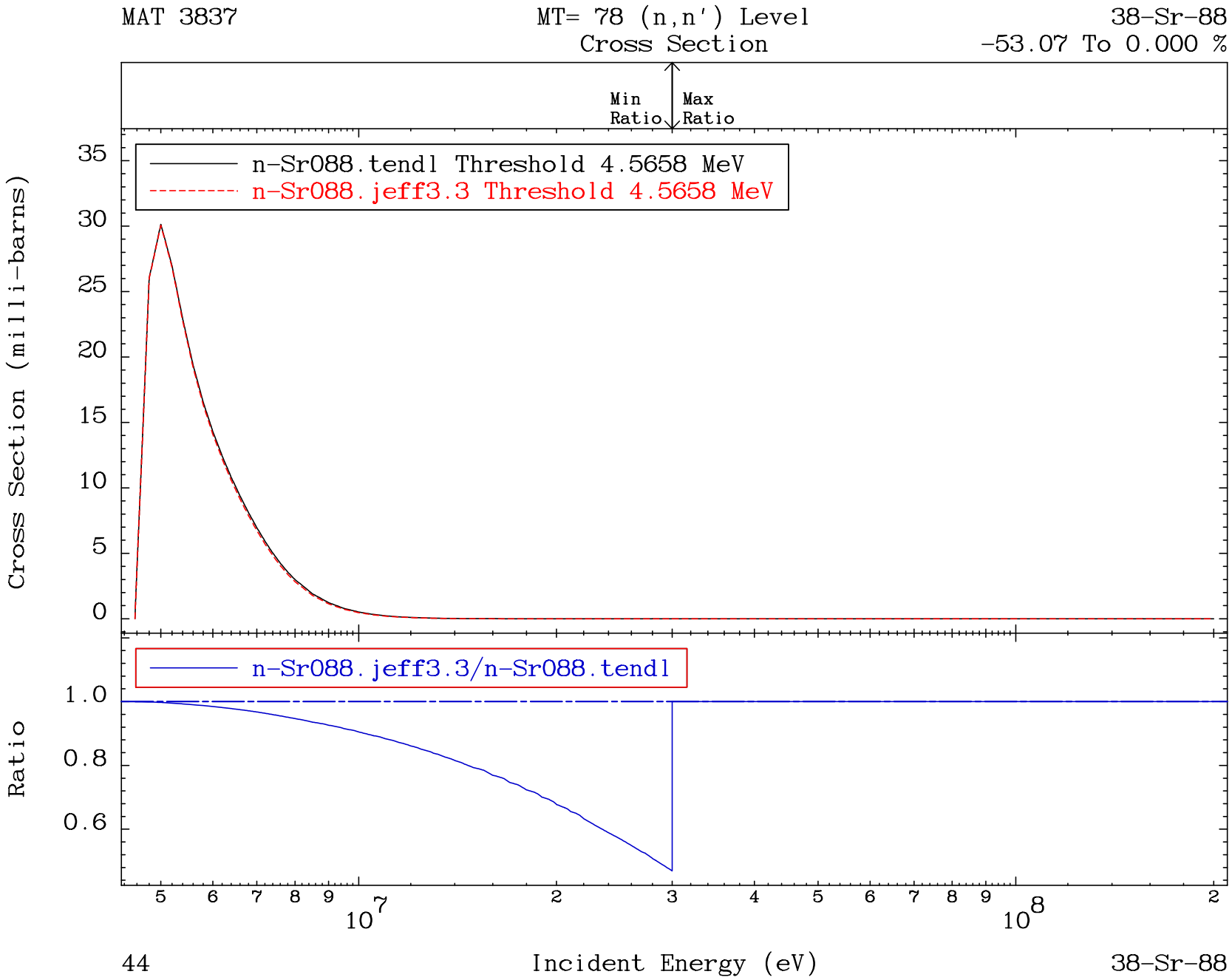

MAT 3837
MT= 73 (n,n') Level
Cross Section
38-Sr-88
-5.985 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.4180 MeV
n-Sr088.jeff3.3 Threshold 4.4180 MeV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
0.94
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
39
Incident Energy (eV)
38-Sr-88

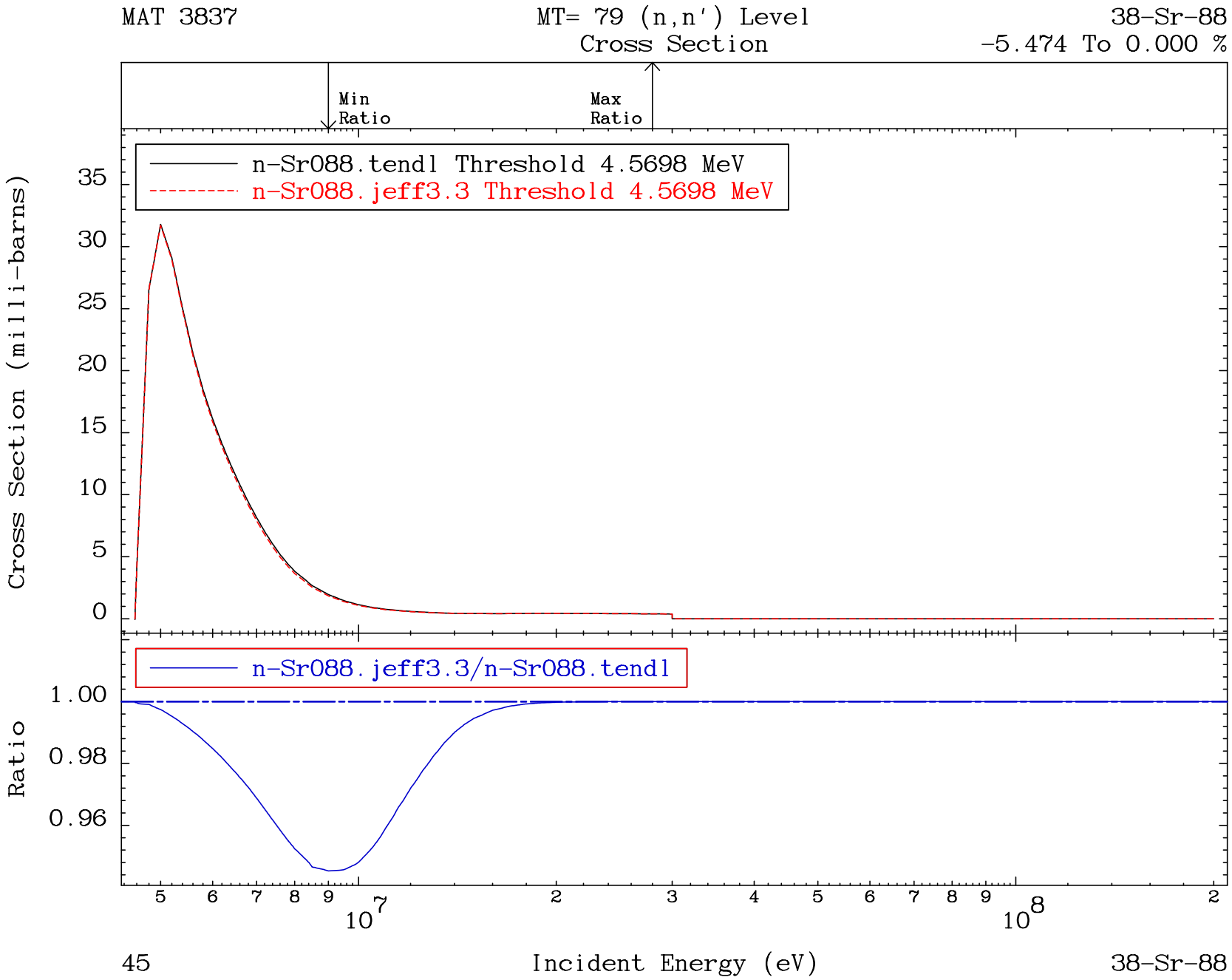

MAT 3837
MT= 74 (n,n') Level
Cross Section
38-Sr-88
-4.725 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.4646 MeV
n-Sr088.jeff3.3 Threshold 4.4646 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
40
Incident Energy (eV)
38-Sr-88

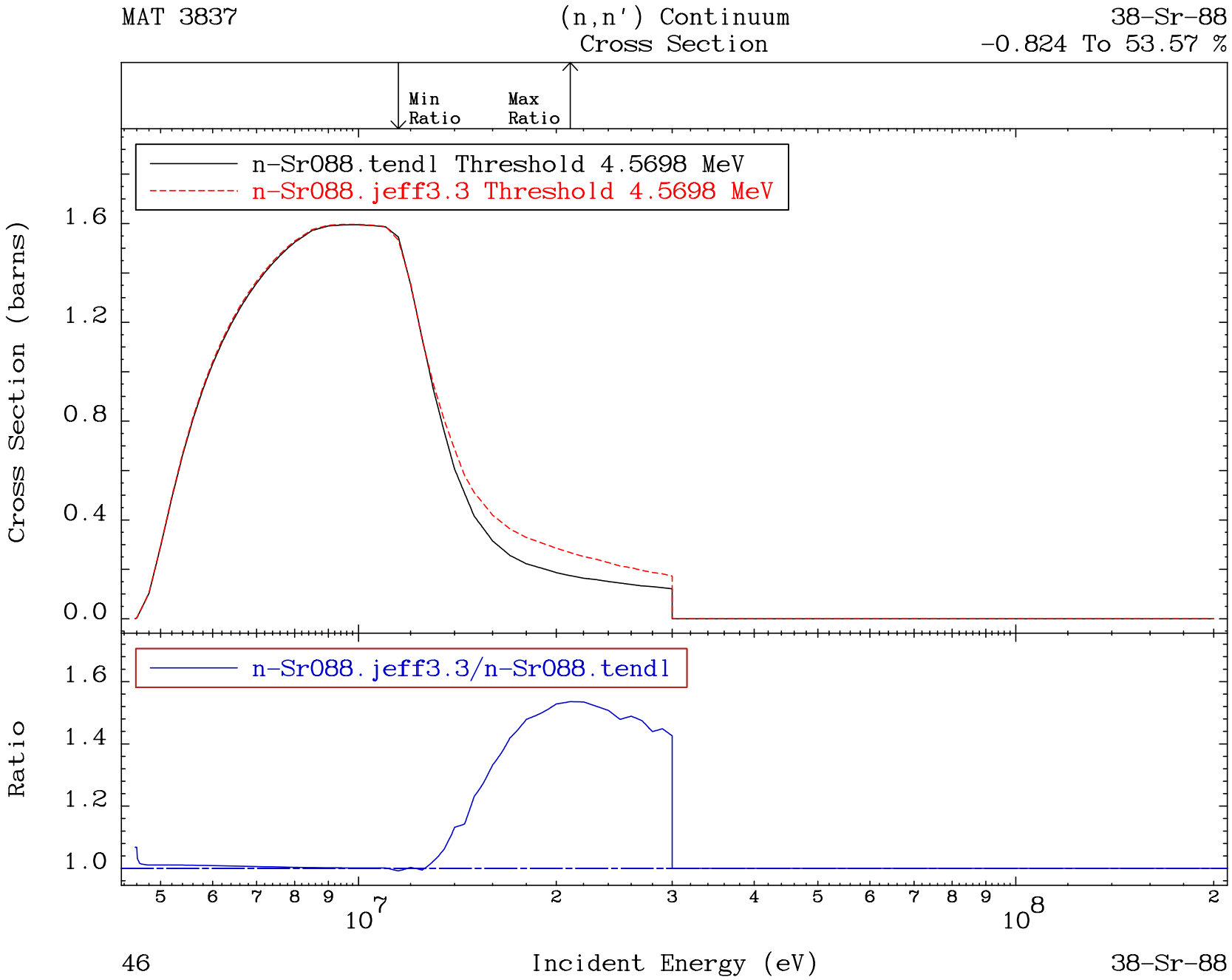

MAT 3837
MT= 75 (n,n') Level
Cross Section
38-Sr-88
-53.07 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.4918 MeV
n-Sr088.jeff3.3 Threshold 4.4918 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
41
Incident Energy (eV)
38-Sr-88

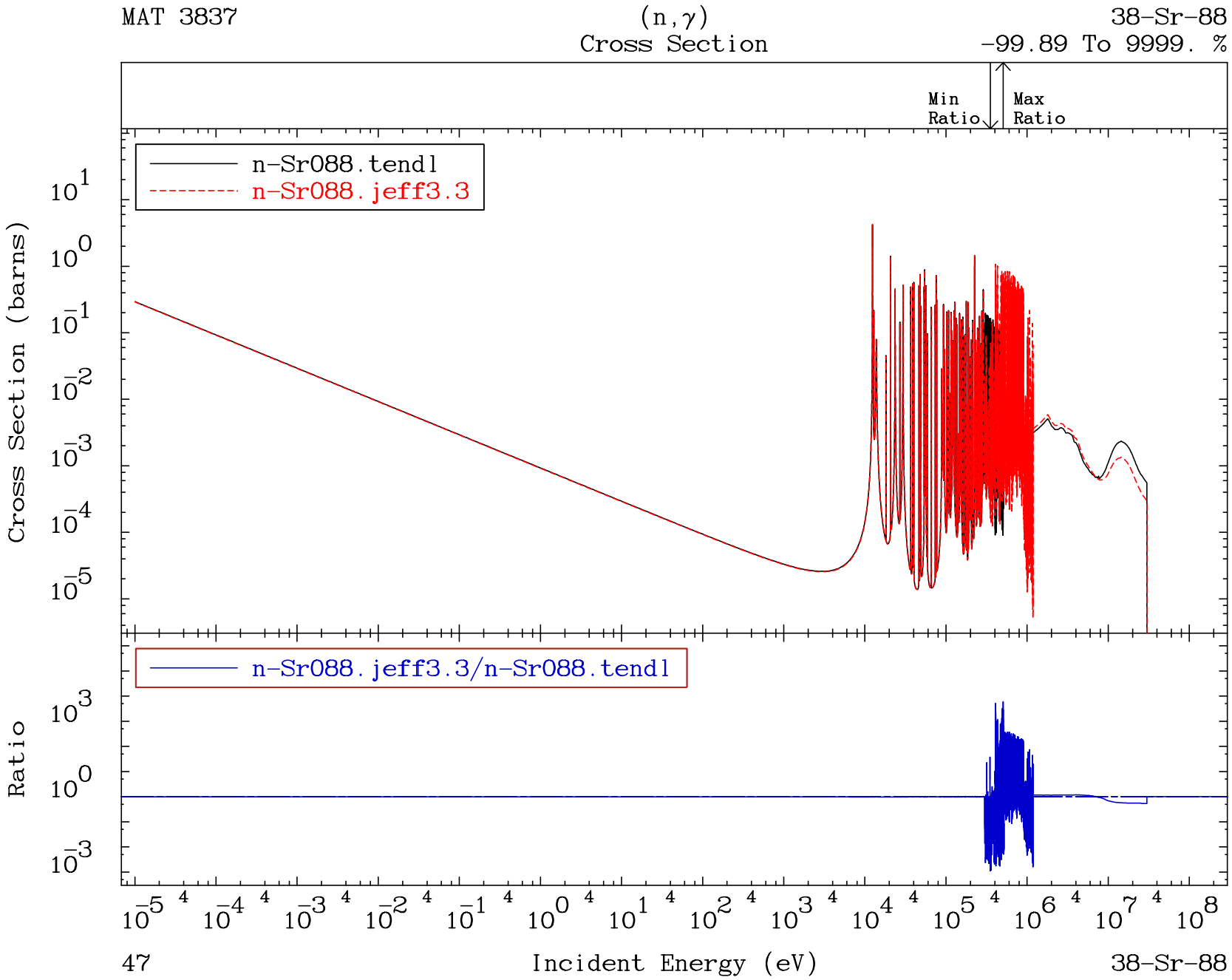

MAT 3837
MT= 76 (n,n') Level
Cross Section
38-Sr-88
-5.672 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.5031 MeV
n-Sr088.jeff3.3 Threshold 4.5031 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
0.94
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
42
Incident Energy (eV)
38-Sr-88

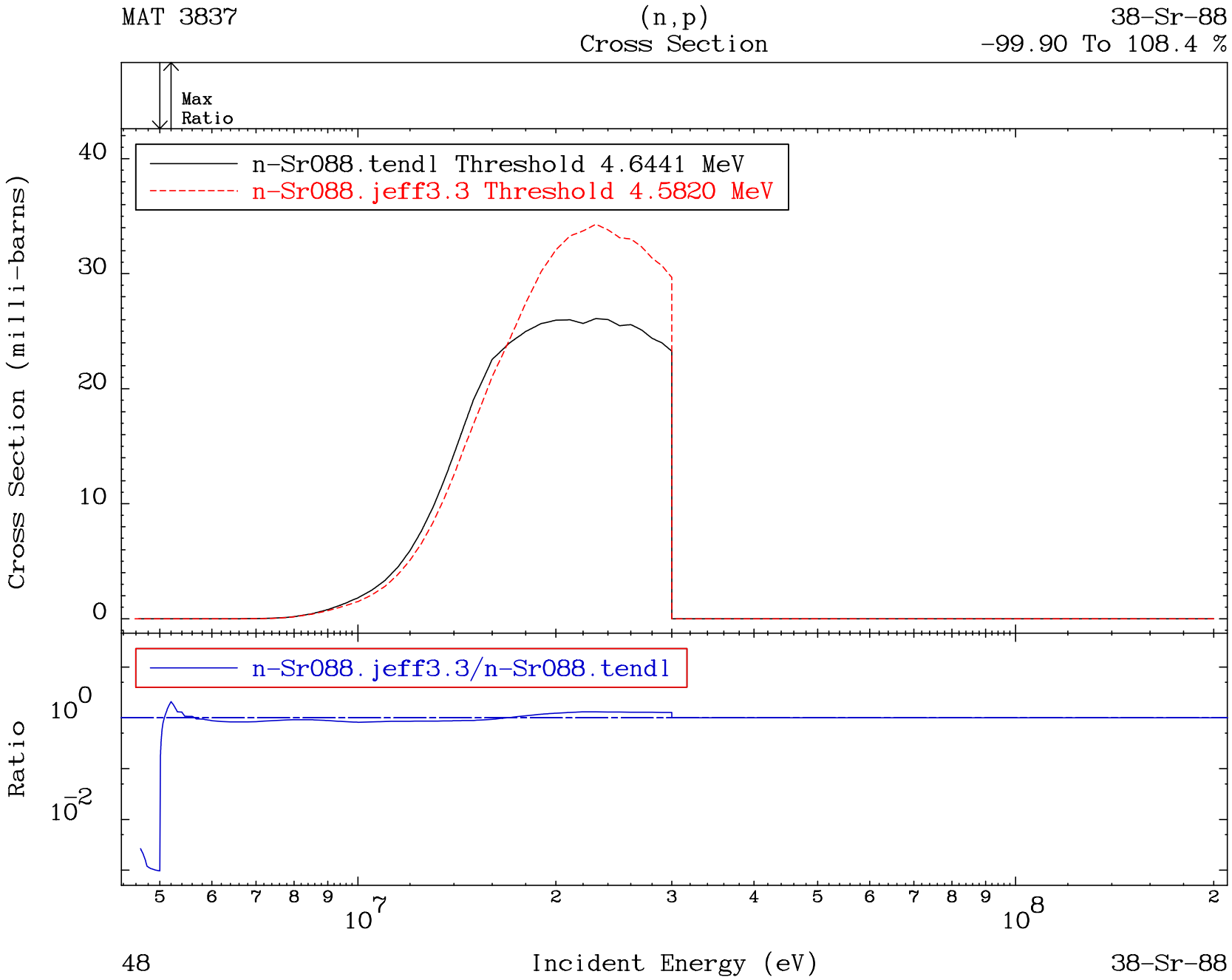

MAT 3837
MT= 77 (n,n') Level
Cross Section
38-Sr-88
-53.08 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.5365 MeV
n-Sr088.jeff3.3 Threshold 4.5365 MeV
Cross Section (milli-barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
43
38-Sr-88

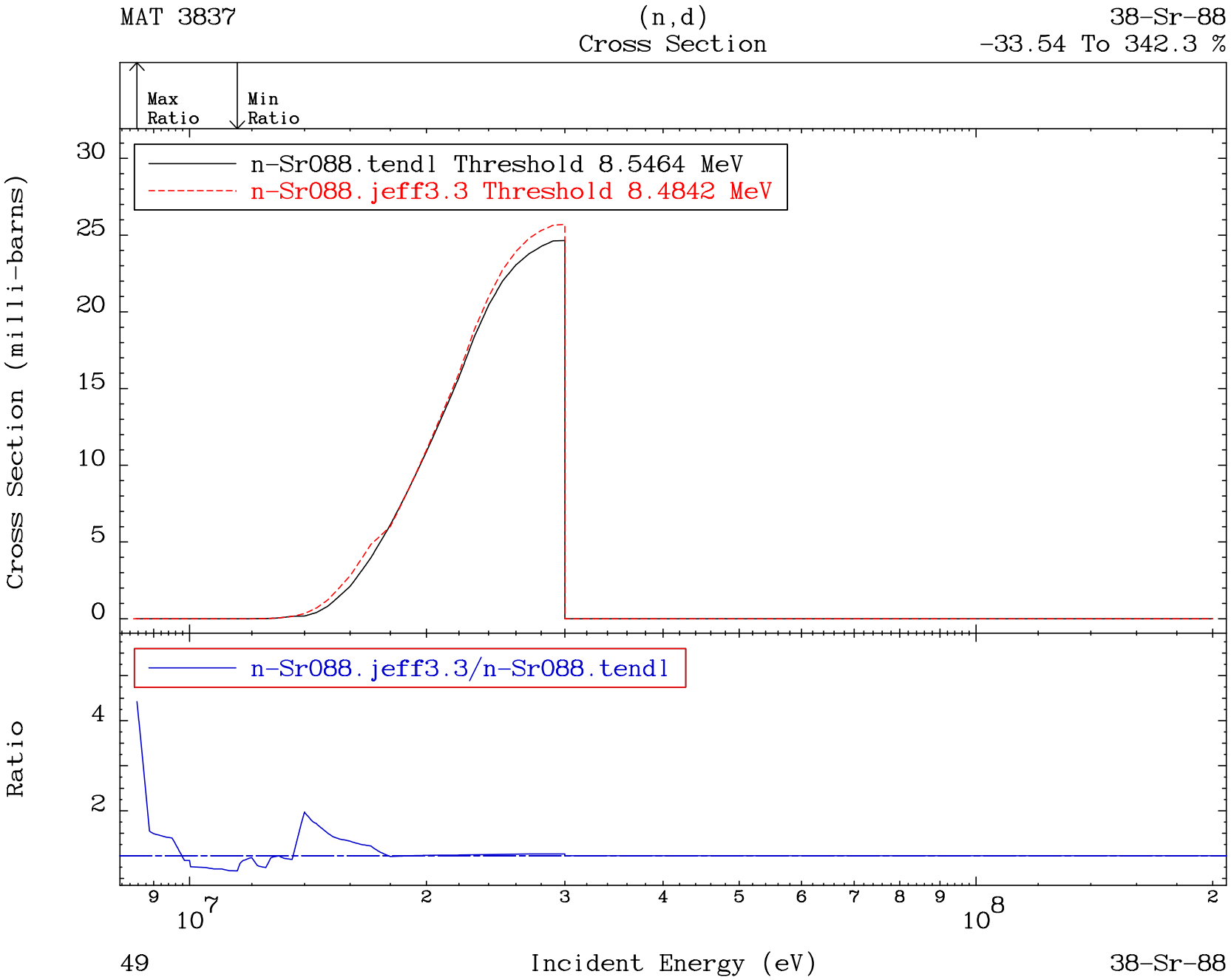

MAT 3837
MT= 78 (n,n') Level
Cross Section
38-Sr-88
-53.07 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.5658 MeV
n-Sr088.jeff3.3 Threshold 4.5658 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
44
Incident Energy (eV)
38-Sr-88

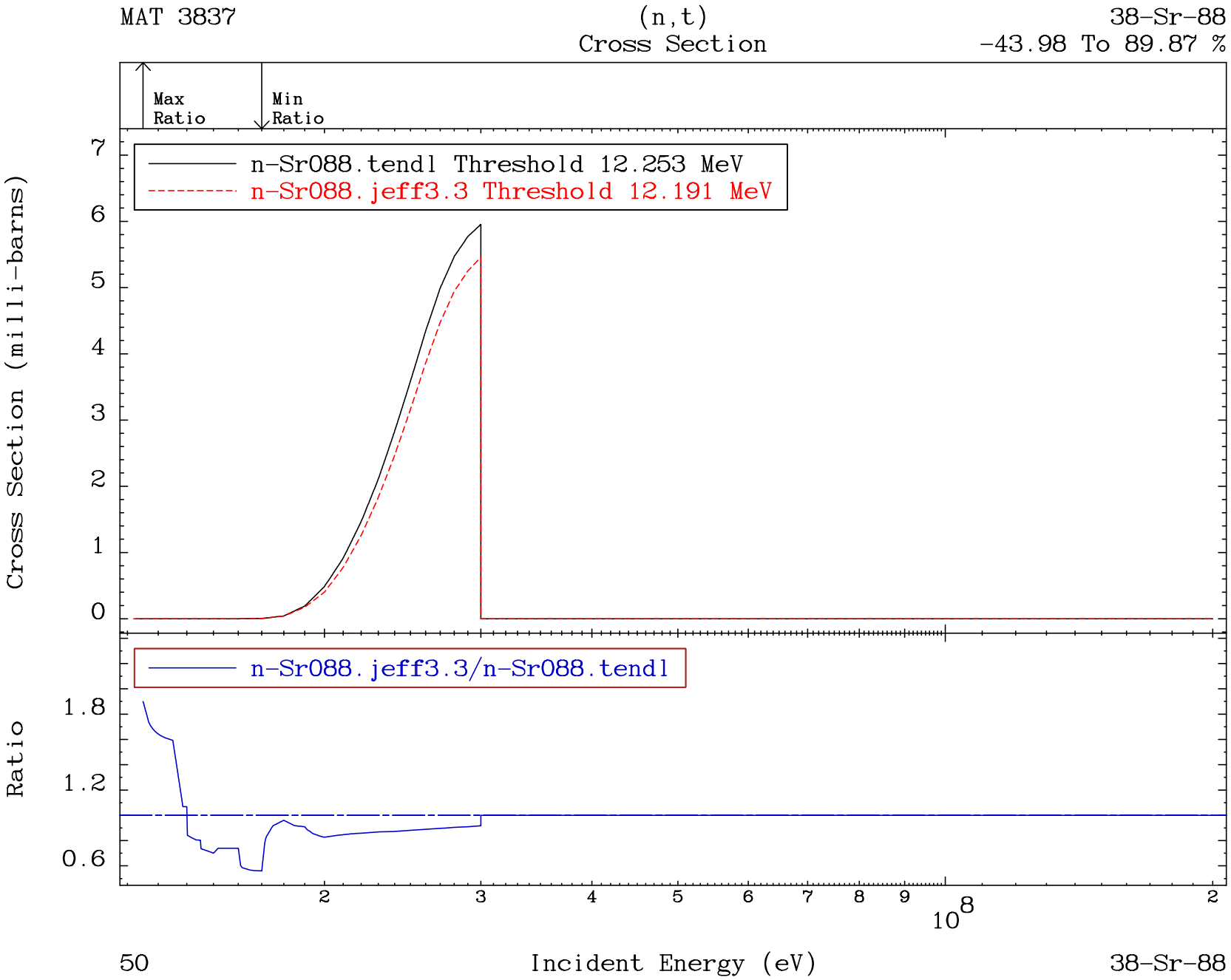

MAT 3837
MT= 79 (n,n') Level
Cross Section
38-Sr-88
-5.474 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.5698 MeV
n-Sr088.jeff3.3 Threshold 4.5698 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.00
0.98
0.96
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
45
Incident Energy (eV)
38-Sr-88

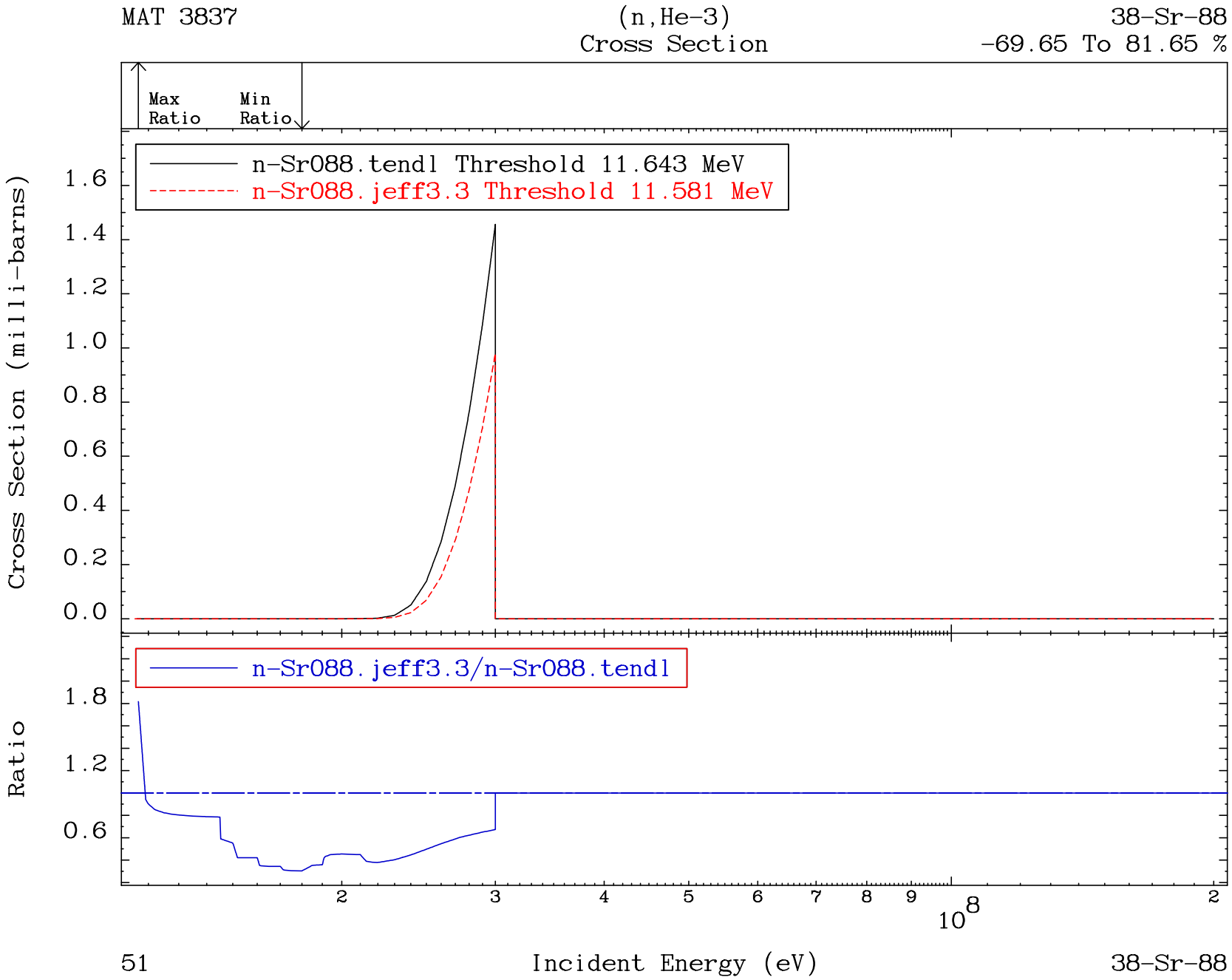

MAT 3837
(n,n') Continuum
Cross Section
38-Sr-88
-0.824 To 53.57 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 4.5698 MeV
n-Sr088.jeff3.3 Threshold 4.5698 MeV
Cross Section (barns)
1.6
1.2
0.8
0.4
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.6
1.4
1.2
1.0
5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
46
Incident Energy (eV)
38-Sr-88

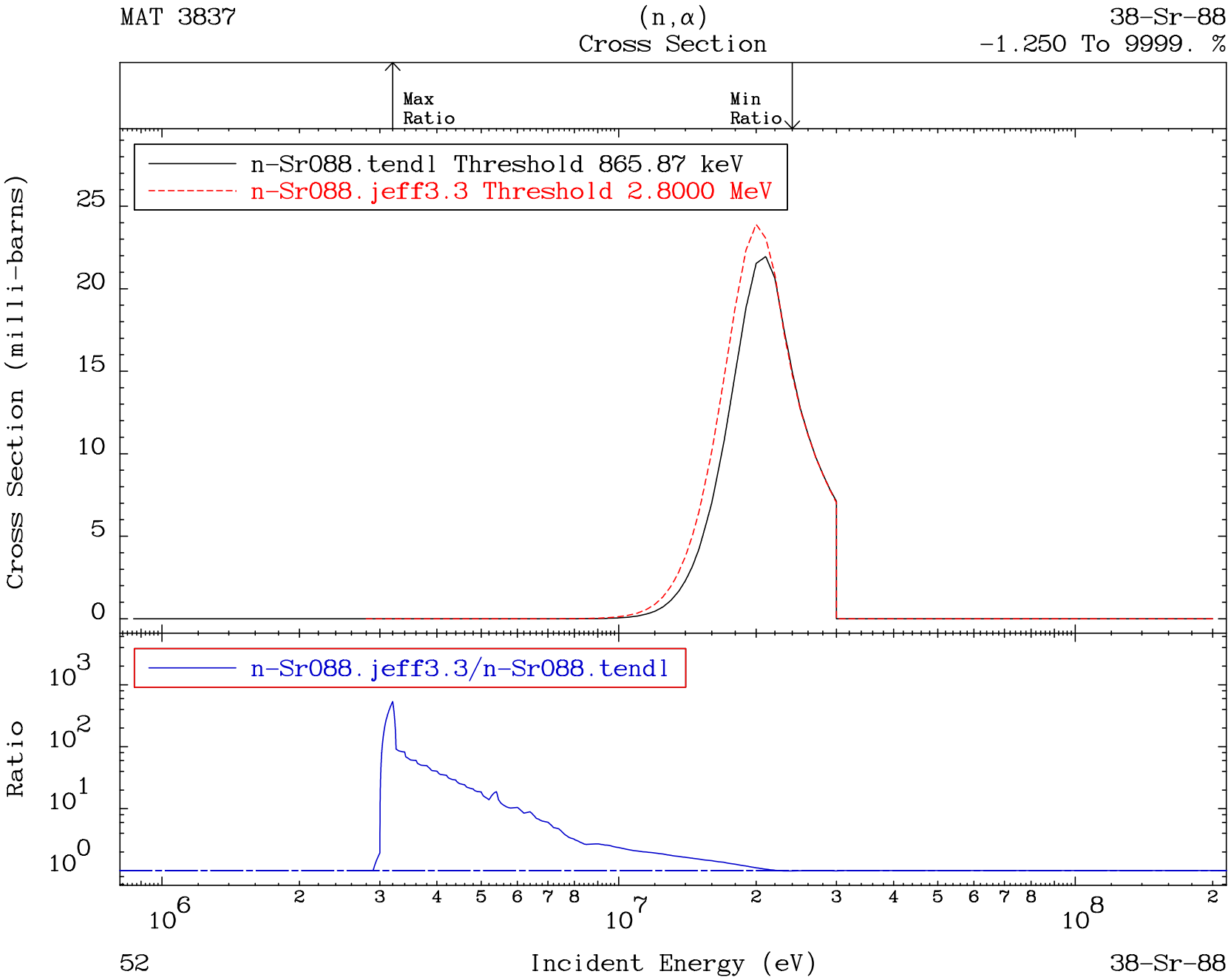

MAT 3837
(n,γ)
Cross Section
38-Sr-88
-99.89 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
47
38-Sr-88

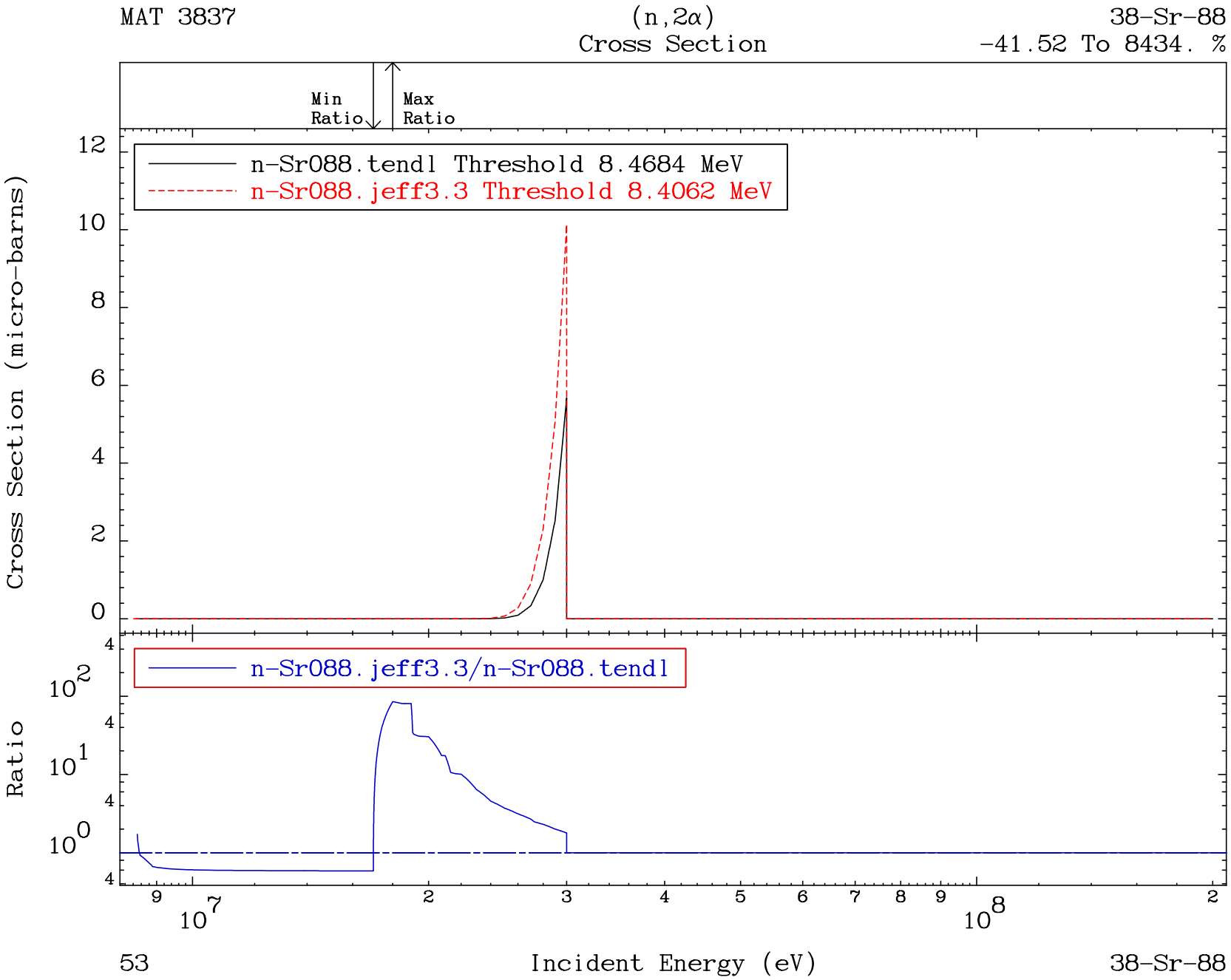

MAT 3837
(n,p)
Cross Section
38-Sr-88
-99.90 To 108.4 %
Max
Ratio
n-Sr088.tendl Threshold 4.6441 MeV
n-Sr088.jeff3.3 Threshold 4.5820 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^0
10^-2
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
48
Incident Energy (eV)
38-Sr-88

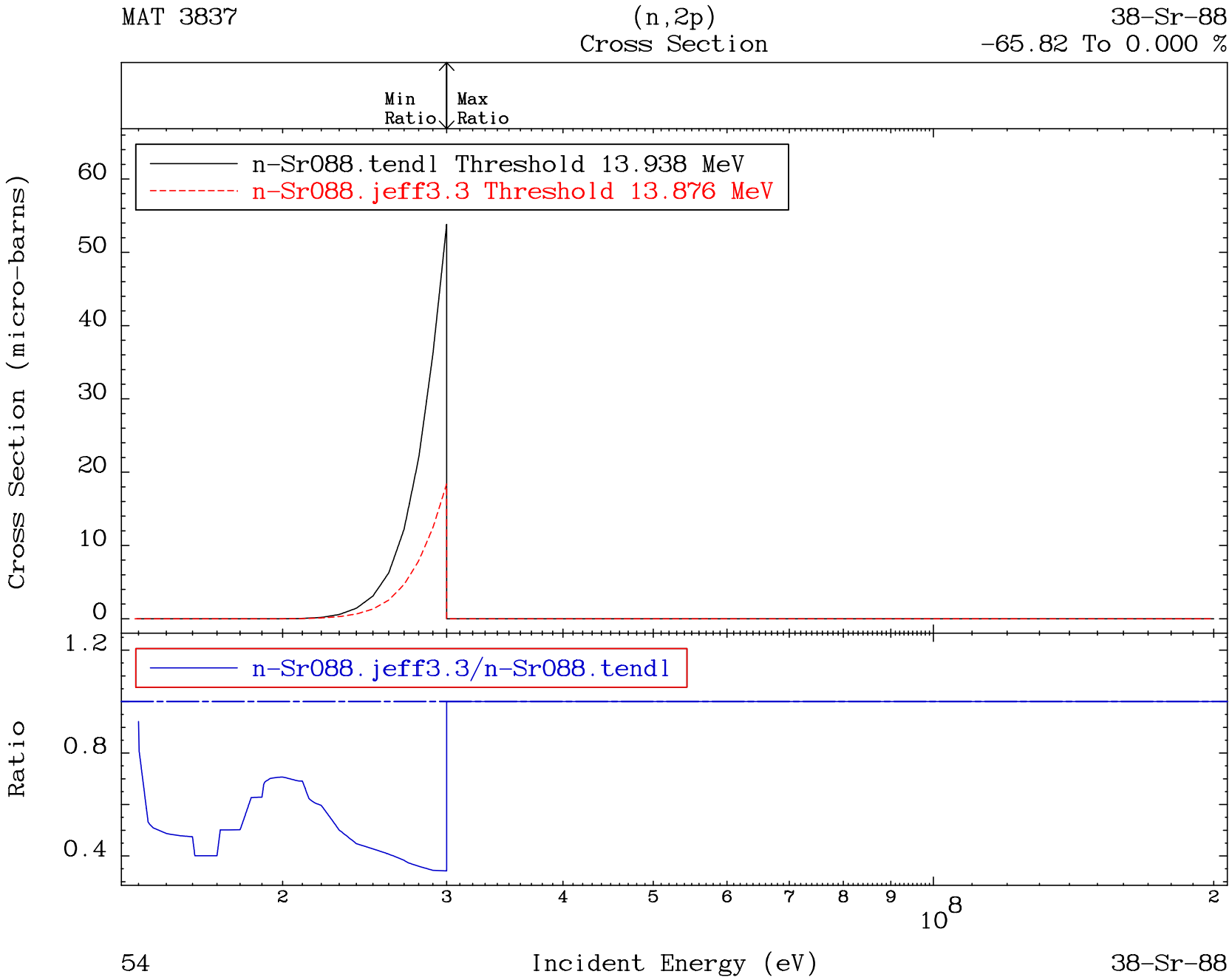

MAT 3837
(n,d)
Cross Section
38-Sr-88
-33.54 To 342.3 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 8.5464 MeV
n-Sr088.jeff3.3 Threshold 8.4842 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
4
2
9
10^7
2
3
4
5
6
7
8
9
10^8
2
49
Incident Energy (eV)
38-Sr-88

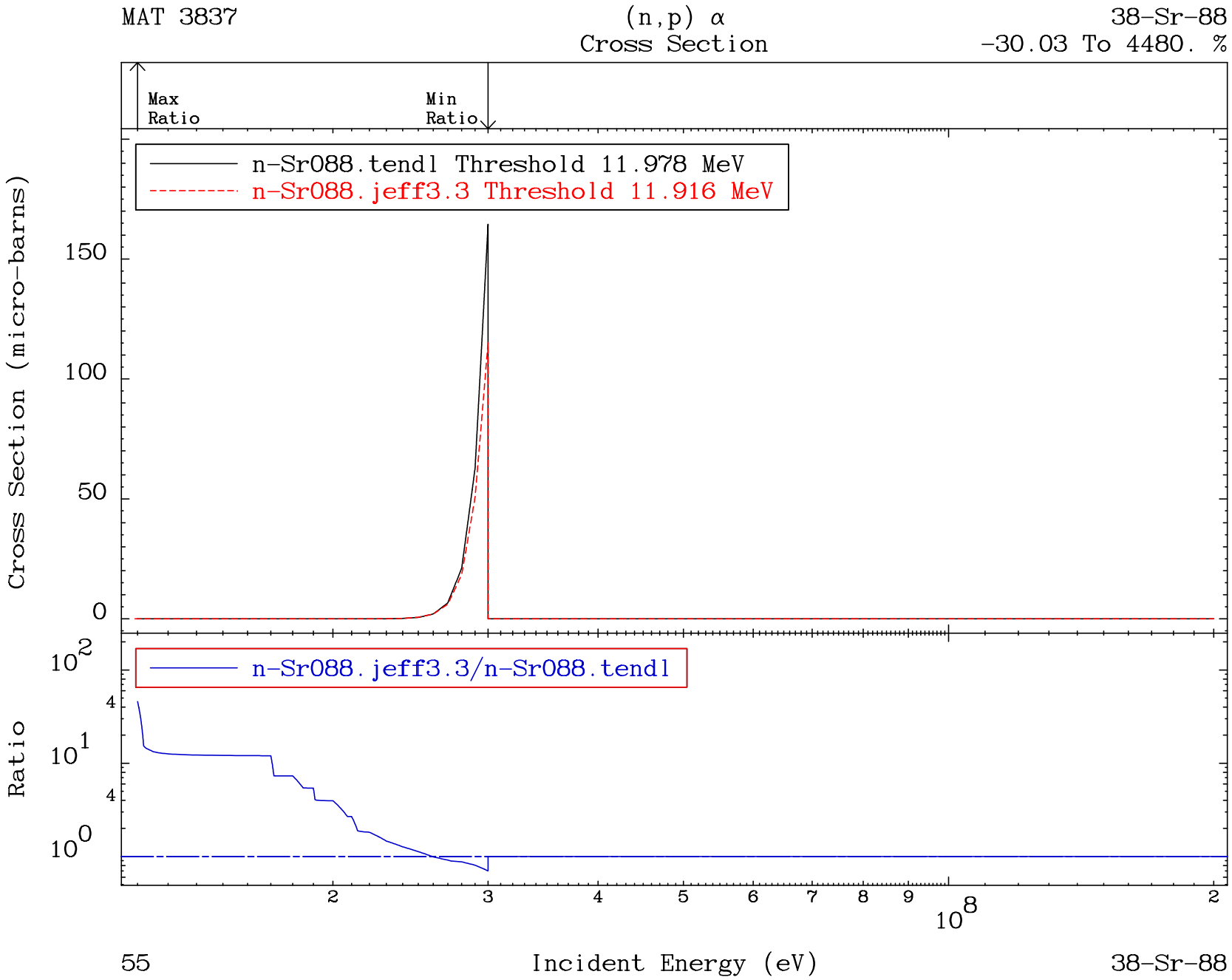

MAT 3837
(n,t)
Cross Section
38-Sr-88
-43.98 To 89.87 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 12.253 MeV
n-Sr088.jeff3.3 Threshold 12.191 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
7
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
0.6
1.2
1.8
2
3
4
5
6
7
8
9
10^8
2
50
Incident Energy (eV)
38-Sr-88

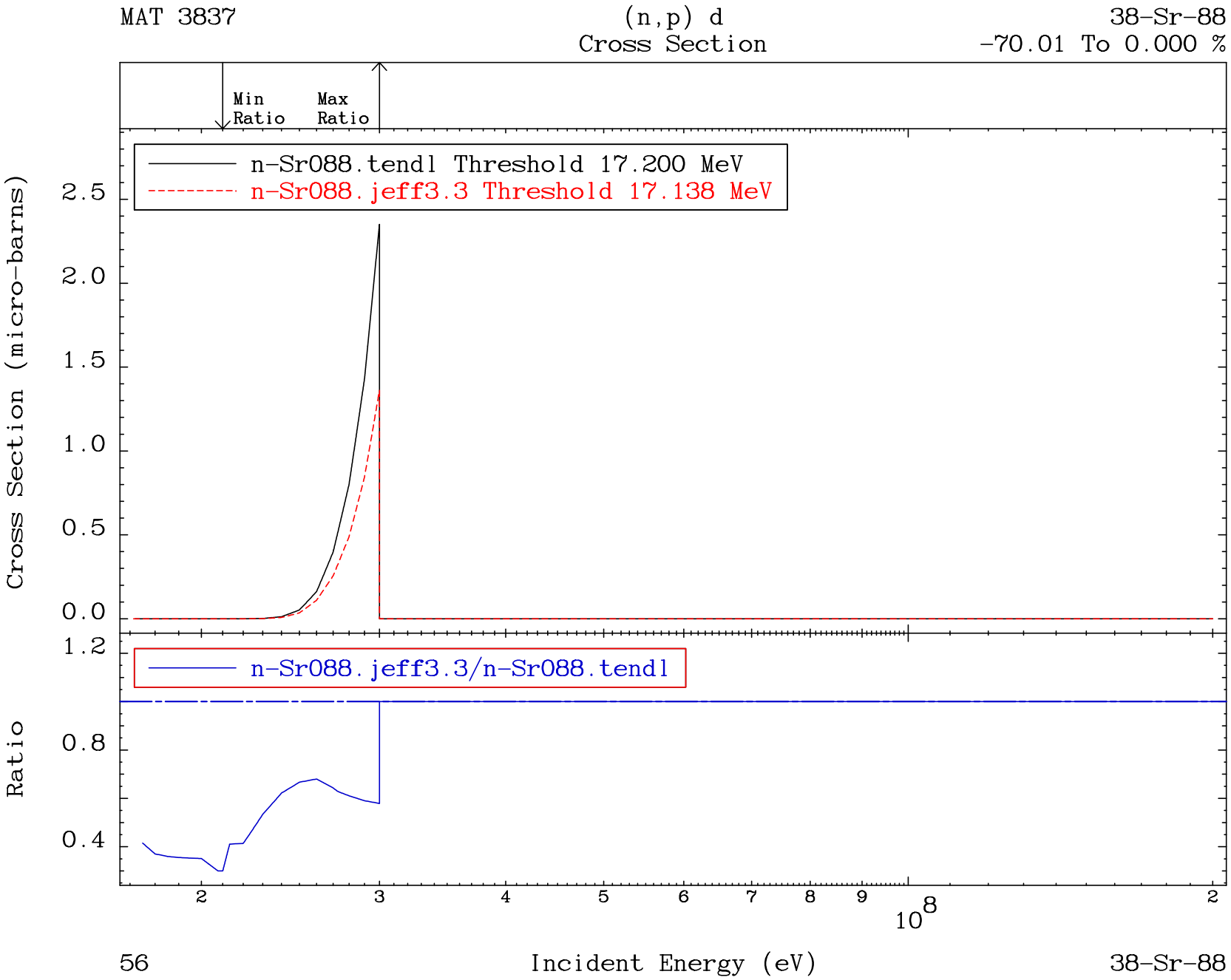

MAT 3837
(n,He-3)
Cross Section
38-Sr-88
-69.65 To 81.65 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 11.643 MeV
n-Sr088.jeff3.3 Threshold 11.581 MeV
Cross Section (milli-barns)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.8
1.2
0.6
2
3
4
5
6
7
8
9
10^8
2
51
Incident Energy (eV)
38-Sr-88

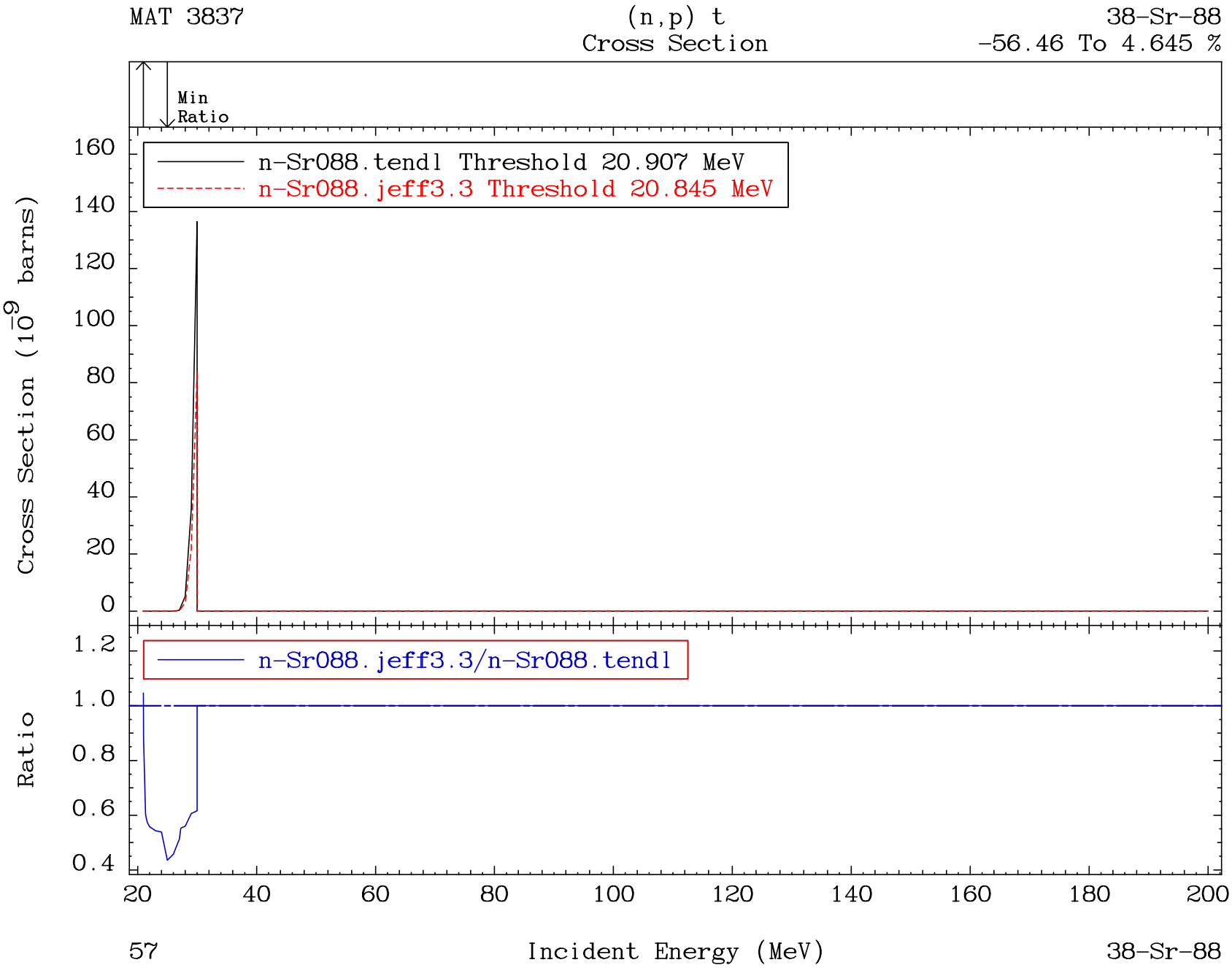

MAT 3837
(n,α)
Cross Section
38-Sr-88
-1.250 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 865.87 keV
n-Sr088.jeff3.3 Threshold 2.8000 MeV
Cross Section (milli-barns)
0
5
10
15
20
25
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^0
10^1
10^2
10^3
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
52
Incident Energy (eV)
38-Sr-88

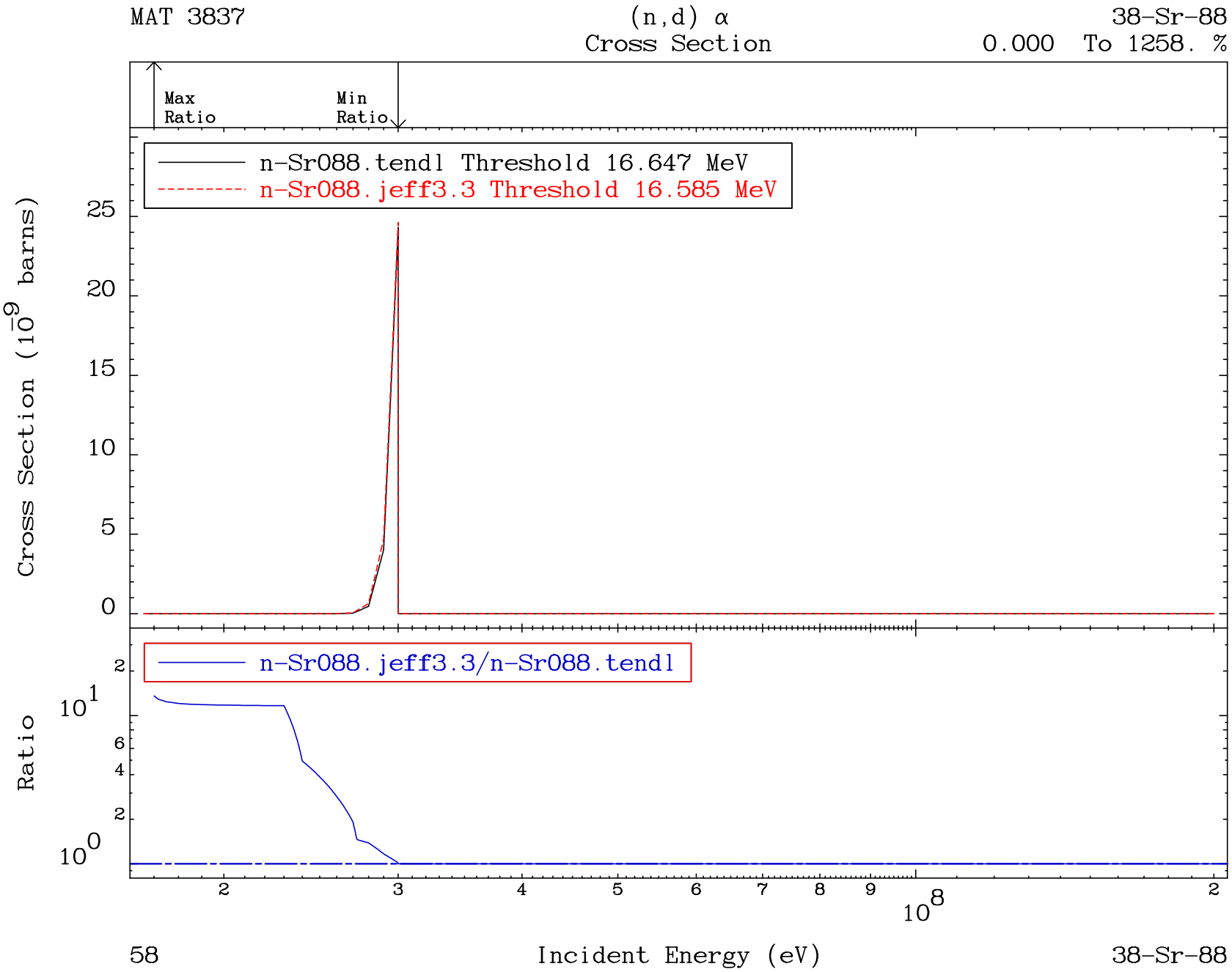

MAT 3837
(n,2α)
Cross Section
38-Sr-88
-41.52 To 8434. %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 8.4684 MeV
n-Sr088.jeff3.3 Threshold 8.4062 MeV
Cross Section (micro-barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
53
38-Sr-88

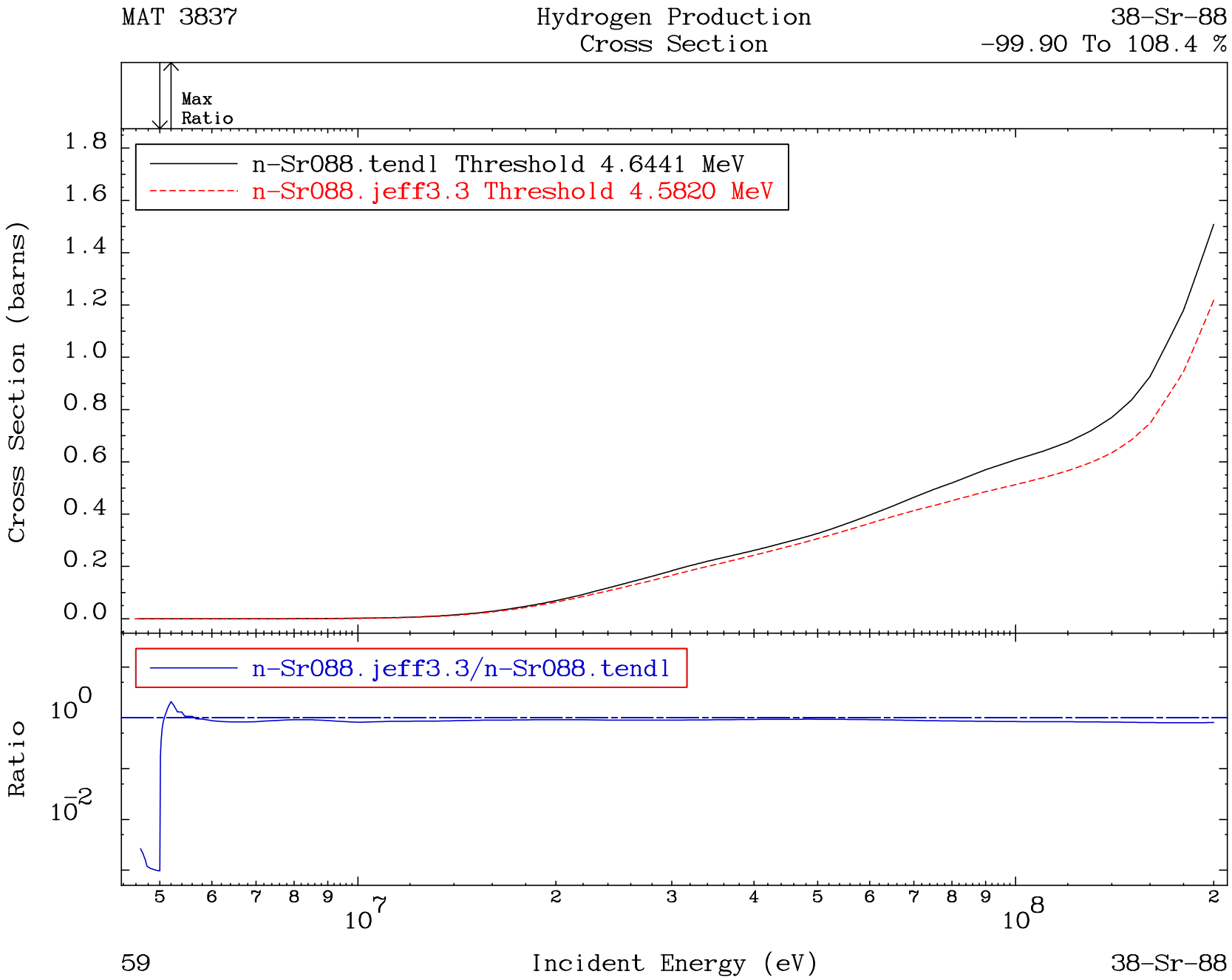

MAT 3837
(n,2p)
Cross Section
38-Sr-88
-65.82 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 13.938 MeV
n-Sr088.jeff3.3 Threshold 13.876 MeV
Cross Section (micro-barns)
60
50
40
30
20
10
0
1.2
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
0.8
0.4
2
3
4
5
6
7
8
9
10^8
2
54
Incident Energy (eV)
38-Sr-88

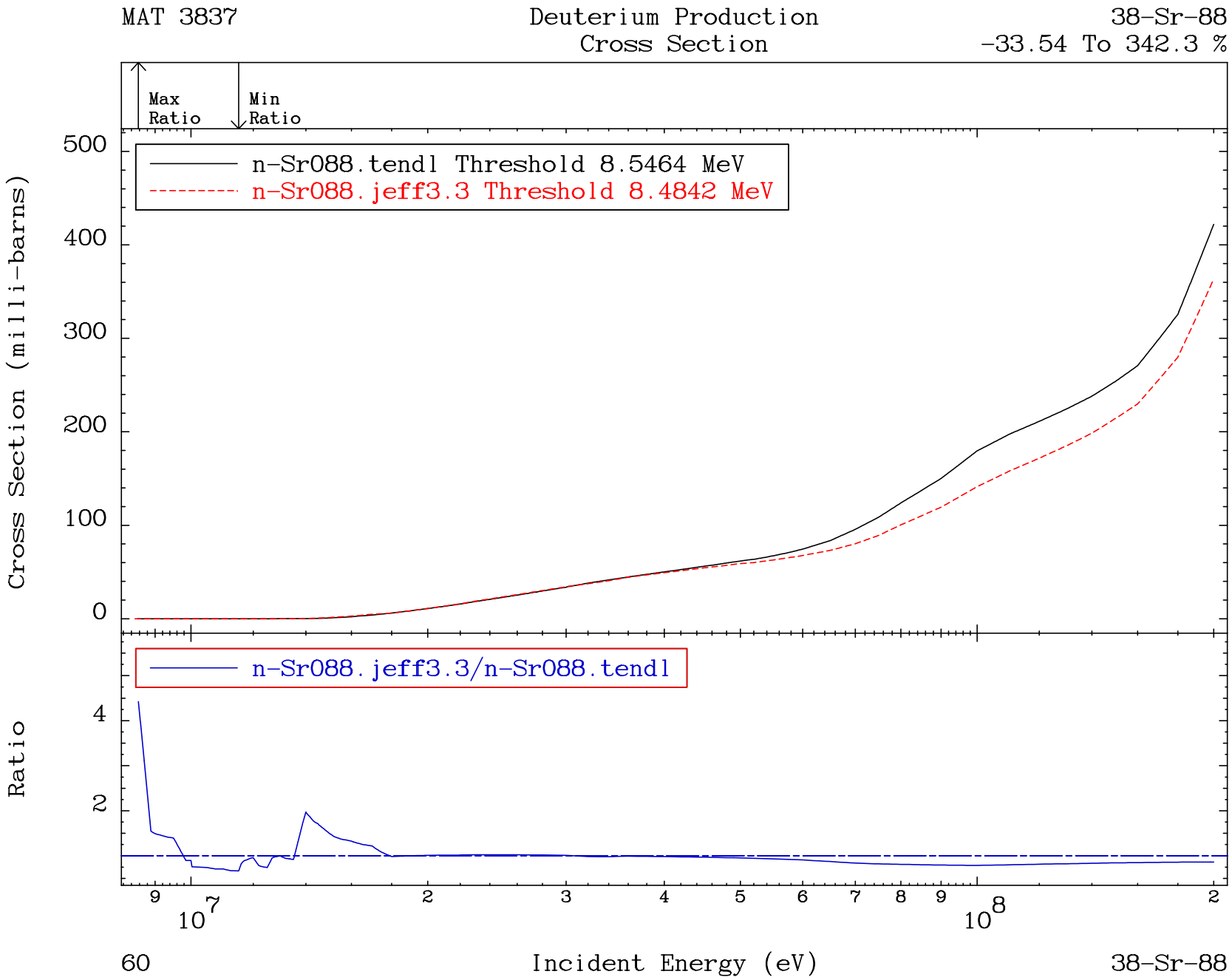

MAT 3837
(n,p) α
Cross Section
38-Sr-88
-30.03 To 4480. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 11.978 MeV
n-Sr088.jeff3.3 Threshold 11.916 MeV
Cross Section (micro-barns)
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^2
4
10^1
4
10^0
2
3
4
5
6
7
8
9
10^8
2
55
Incident Energy (eV)
38-Sr-88

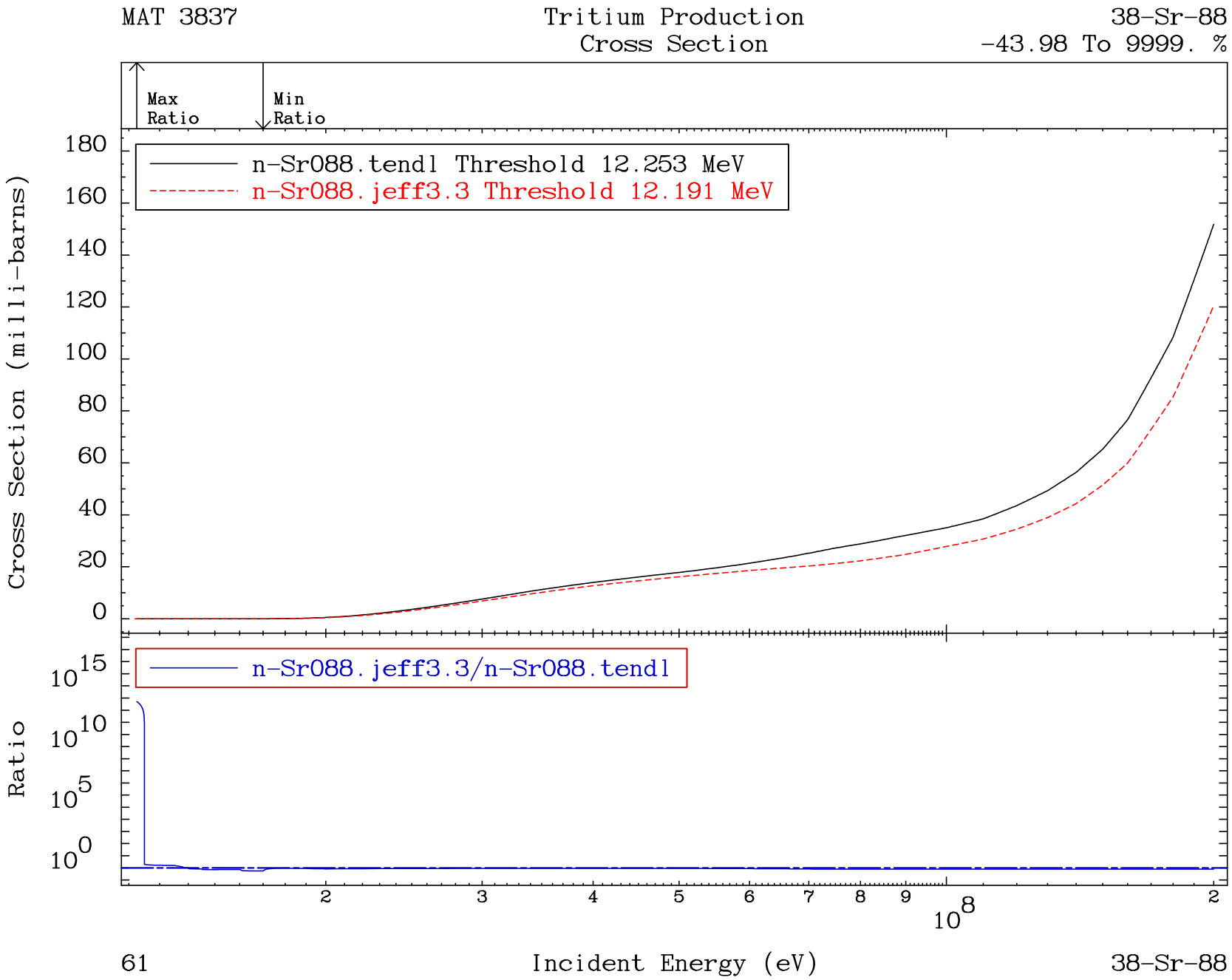

MAT 3837
(n,p) d
Cross Section
38-Sr-88
-70.01 To 0.000 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 17.200 MeV
n-Sr088.jeff3.3 Threshold 17.138 MeV
Cross Section (micro-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.2
0.8
0.4
2
3
4
5
6
7
8
9
10^8
2
56
Incident Energy (eV)
38-Sr-88

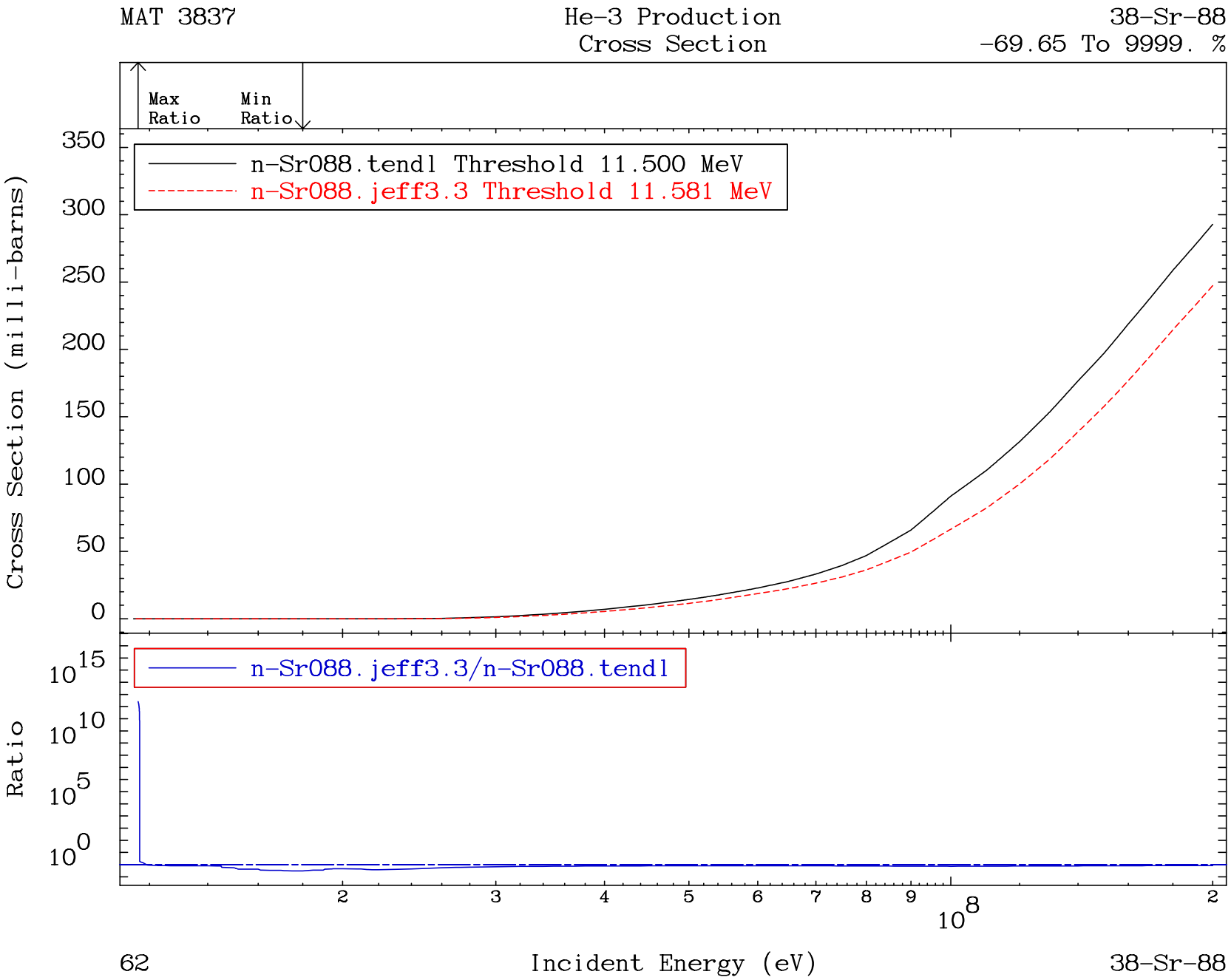

MAT 3837
(n,p) t
Cross Section
38-Sr-88
-56.46 To 4.645 %
Min
Ratio
n-Sr088.tendl Threshold 20.907 MeV
n-Sr088.jeff3.3 Threshold 20.845 MeV
Cross Section (10^-9 barns)
160
140
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.2
1.0
0.8
0.6
0.4
20
40
60
80
100
120
140
160
180
200
57
Incident Energy (MeV)
38-Sr-88

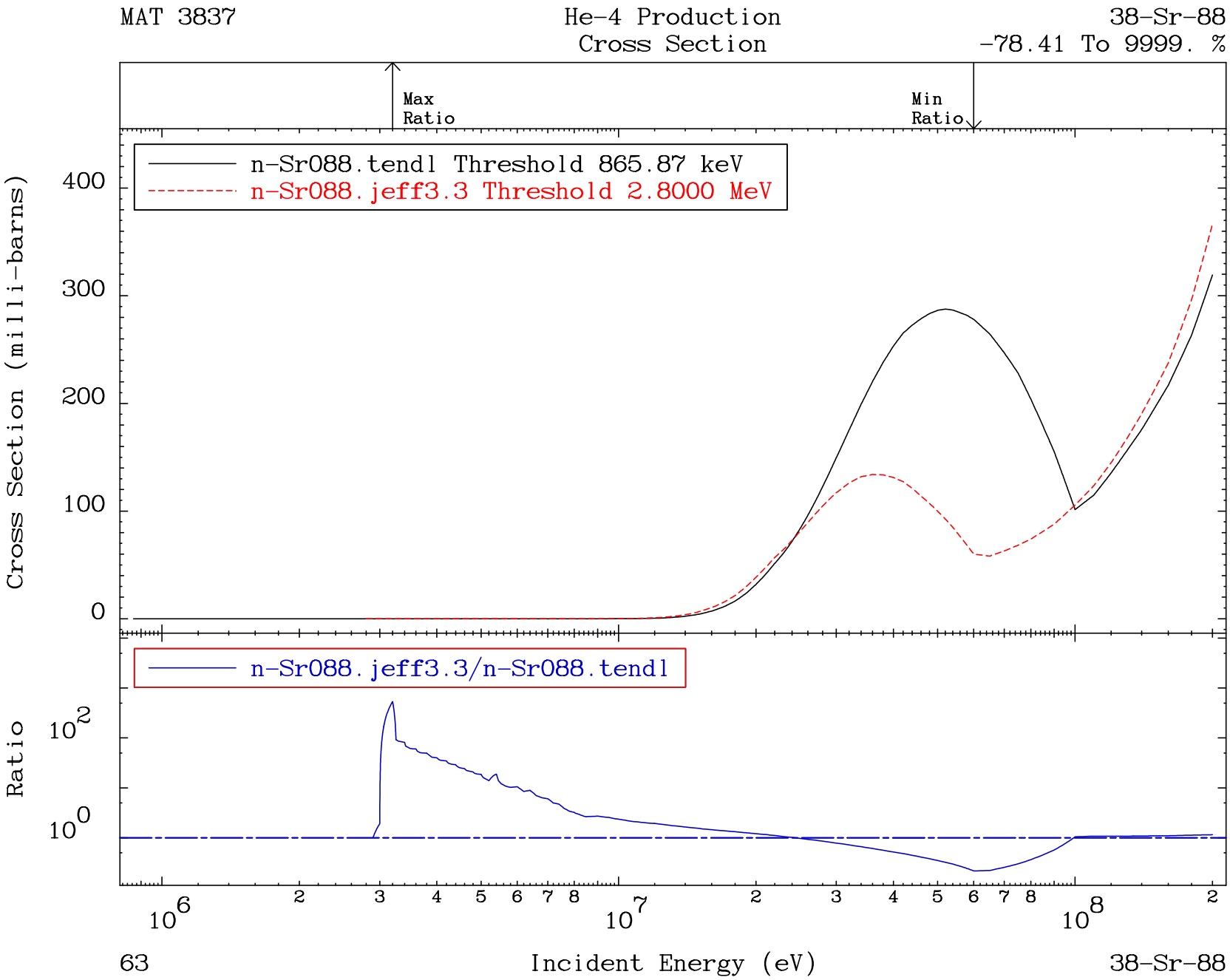

MAT 3837
(n,d) α
Cross Section
38-Sr-88
0.000 To 1258. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 16.647 MeV
n-Sr088.jeff3.3 Threshold 16.585 MeV
Cross Section (10^-9 barns)
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^1
6
4
2
10^0
2
3
4
5
6
7
8
9
10^8
2
58
Incident Energy (eV)
38-Sr-88

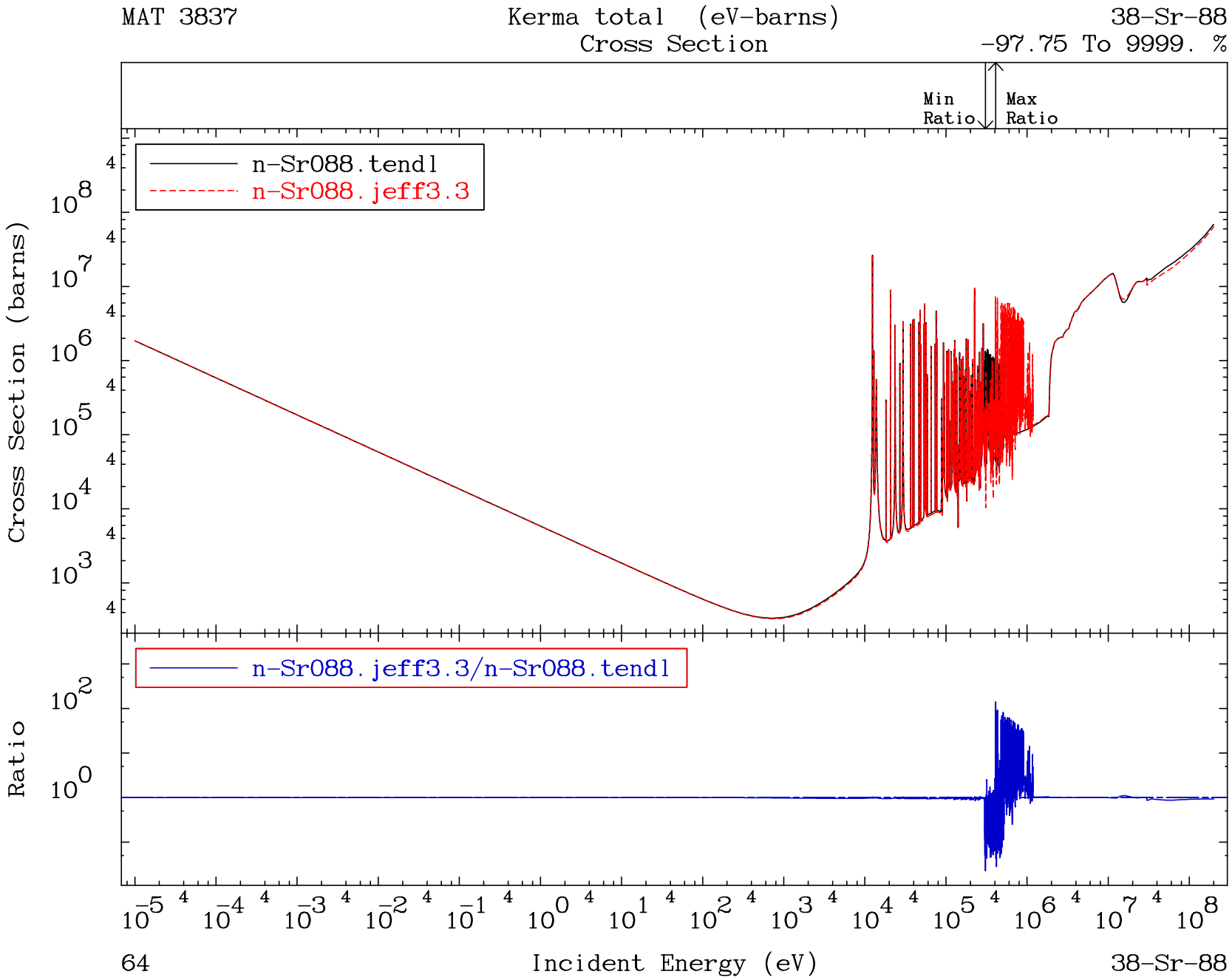

MAT 3837
Hydrogen Production
Cross Section
38-Sr-88
-99.90 To 108.4 %
Max
Ratio
n-Sr088.tendl Threshold 4.6441 MeV
n-Sr088.jeff3.3 Threshold 4.5820 MeV
Cross Section (barns)
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^0
10^-2
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
59
Incident Energy (eV)
38-Sr-88

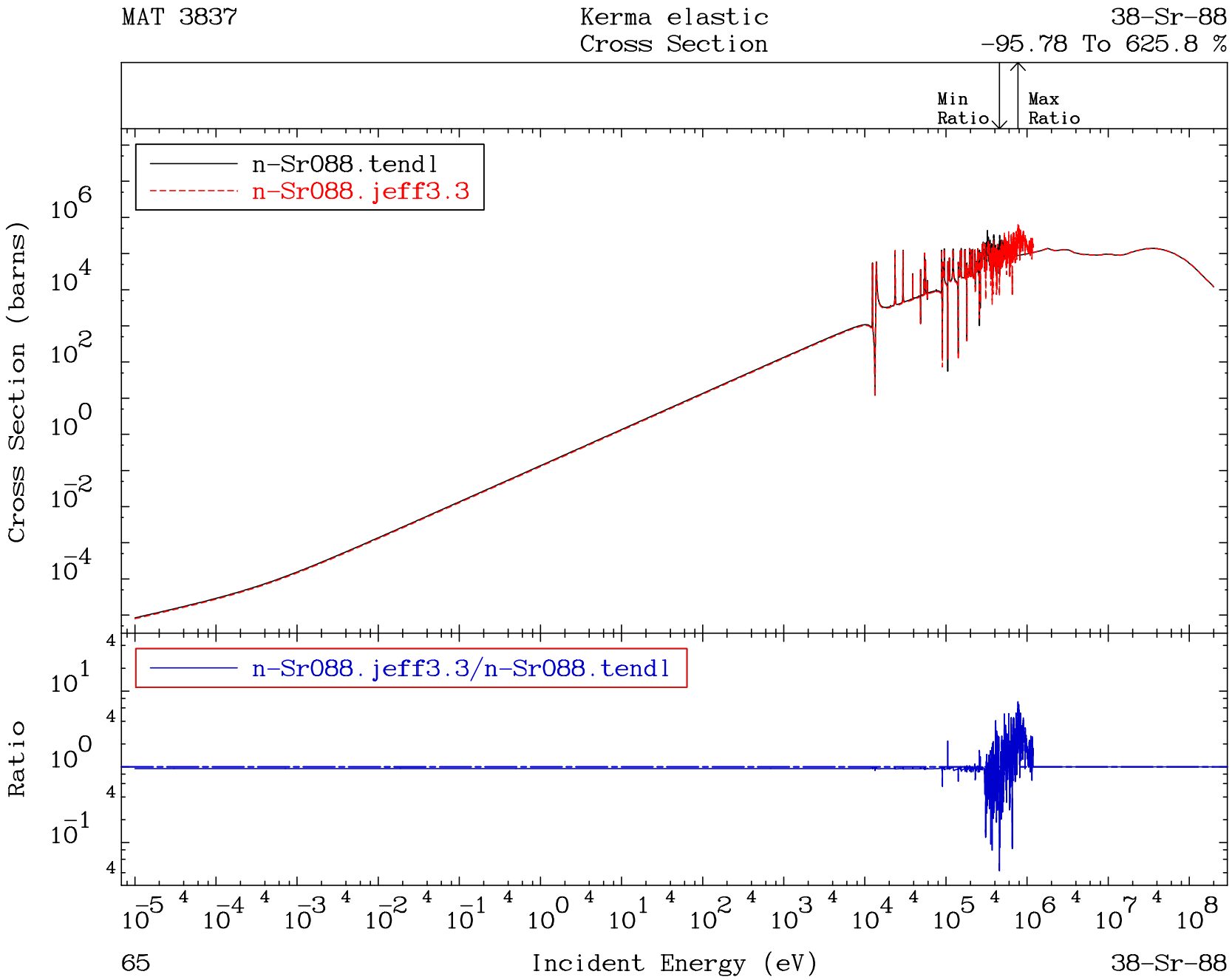

MAT 3837
Deuterium Production
Cross Section
38-Sr-88
-33.54 To 342.3 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 8.5464 MeV
n-Sr088.jeff3.3 Threshold 8.4842 MeV
Cross Section (milli-barns)
500
400
300
200
100
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
4
2
9
10^7
2
3
4
5
6
7
8
9
10^8
2
60
Incident Energy (eV)
38-Sr-88

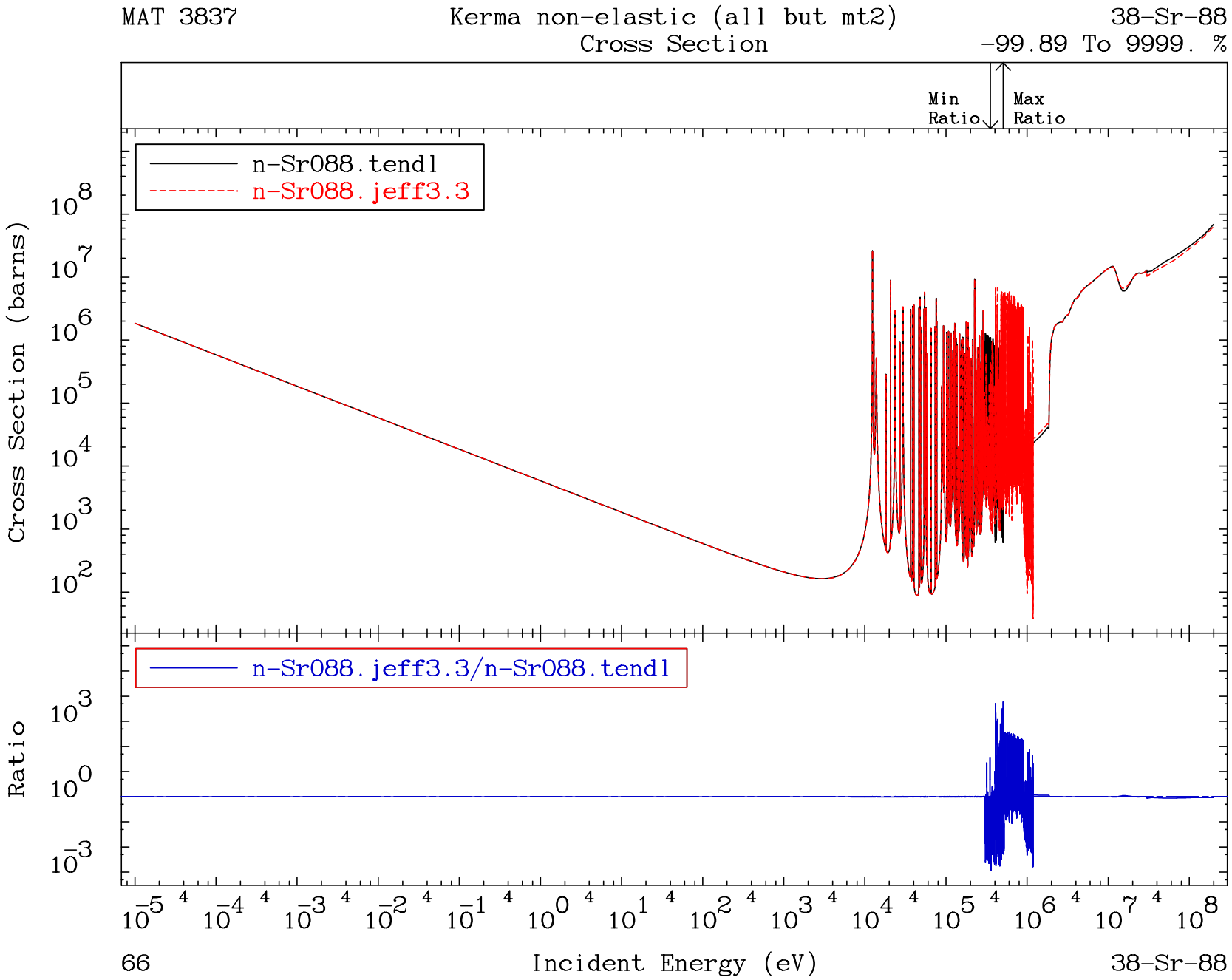

MAT 3837
Tritium Production
Cross Section
38-Sr-88
-43.98 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 12.253 MeV
n-Sr088.jeff3.3 Threshold 12.191 MeV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^15
10^10
10^5
10^0
2
3
4
5
6
7
8
9
10^8
2
61
Incident Energy (eV)
38-Sr-88

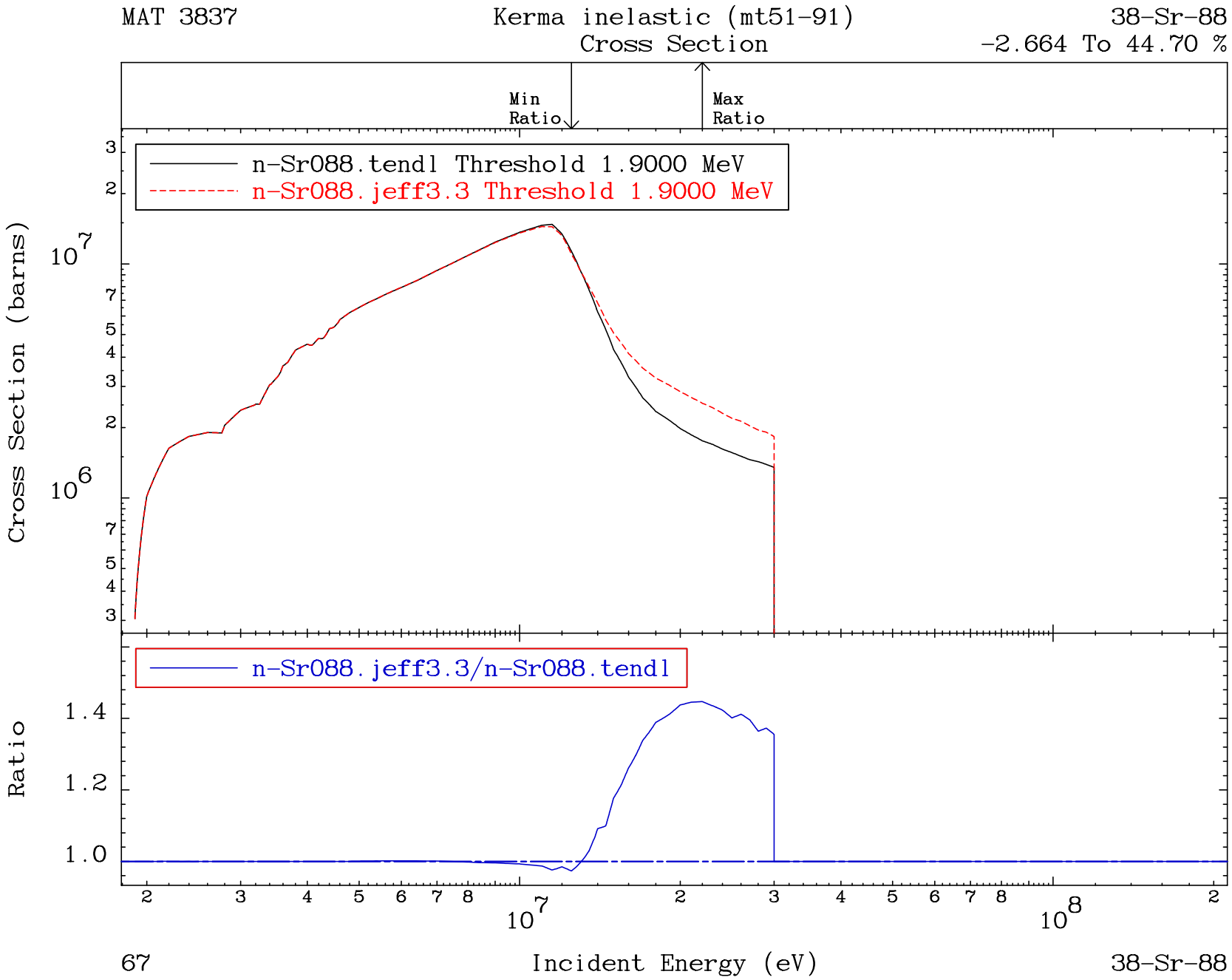

MAT 3837
He-3 Production
Cross Section
38-Sr-88
-69.65 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 11.500 MeV
n-Sr088.jeff3.3 Threshold 11.581 MeV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^15
10^10
10^5
10^0
2
3
4
5
6
7
8
9
10^8
2
62
Incident Energy (eV)
38-Sr-88

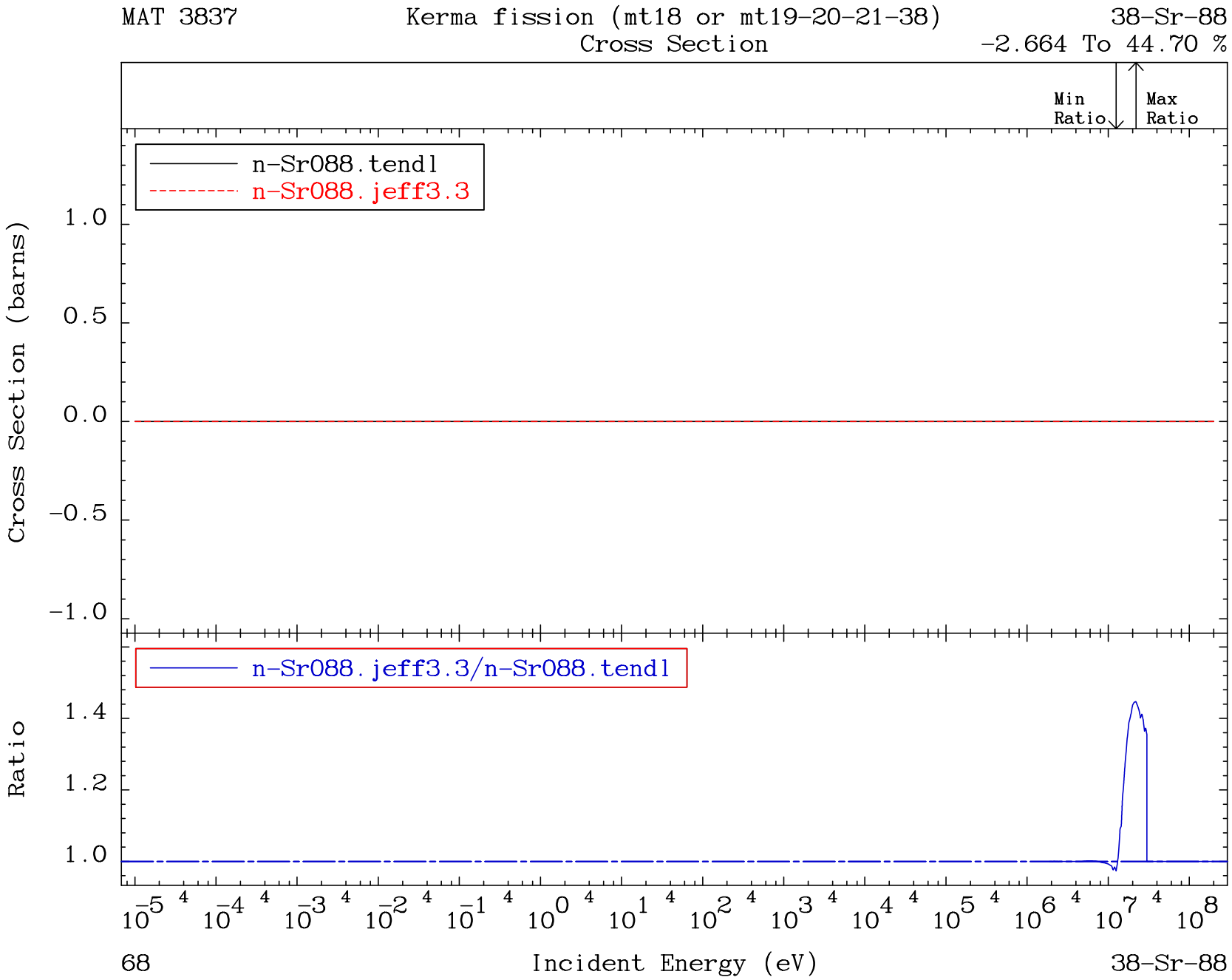

MAT 3837
He-4 Production
Cross Section
38-Sr-88
-78.41 To 9999. %
Max
Ratio
Min
Ratio
n-Sr088.tendl Threshold 865.87 keV
n-Sr088.jeff3.3 Threshold 2.8000 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^2
10^0
10^6
10^7
10^8
2
3
4
5
6
7
8
63
Incident Energy (eV)
38-Sr-88

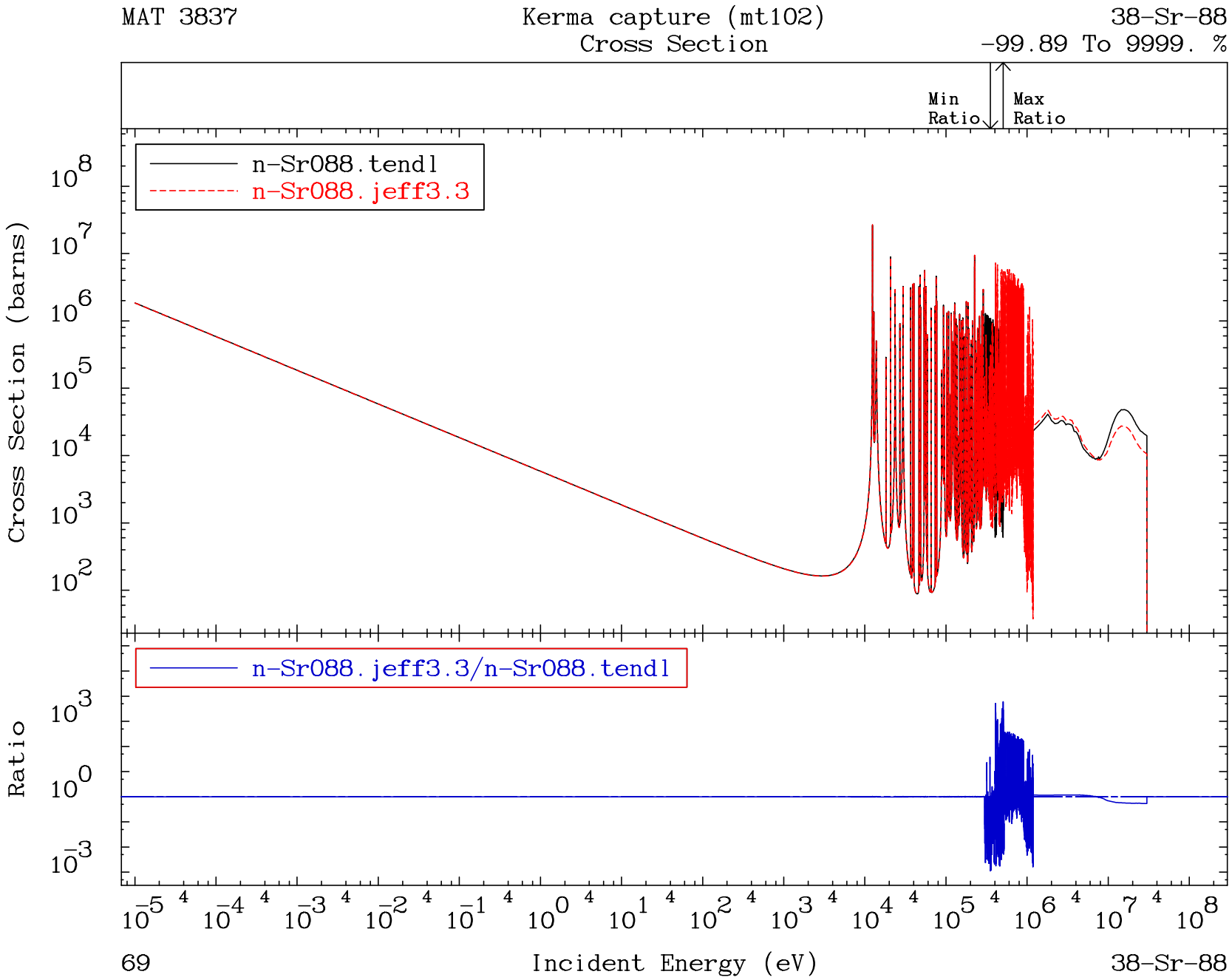

MAT 3837
Kerma total (eV-barns)
Cross Section
38-Sr-88
-97.75 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
64
38-Sr-88

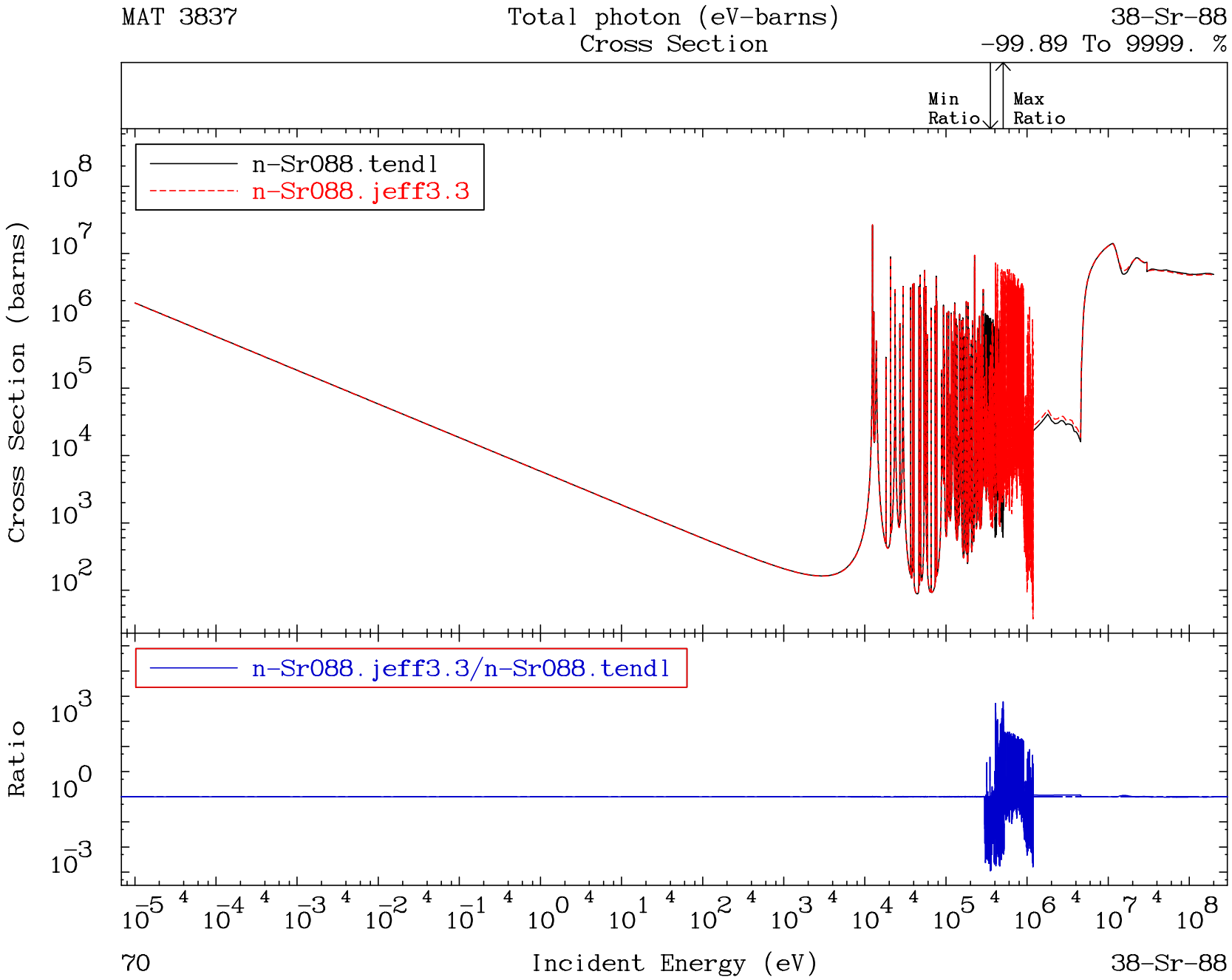

MAT 3837
Kerma elastic
Cross Section
38-Sr-88
-95.78 To 625.8 %
Min
Ratio
Max
Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
65
38-Sr-88

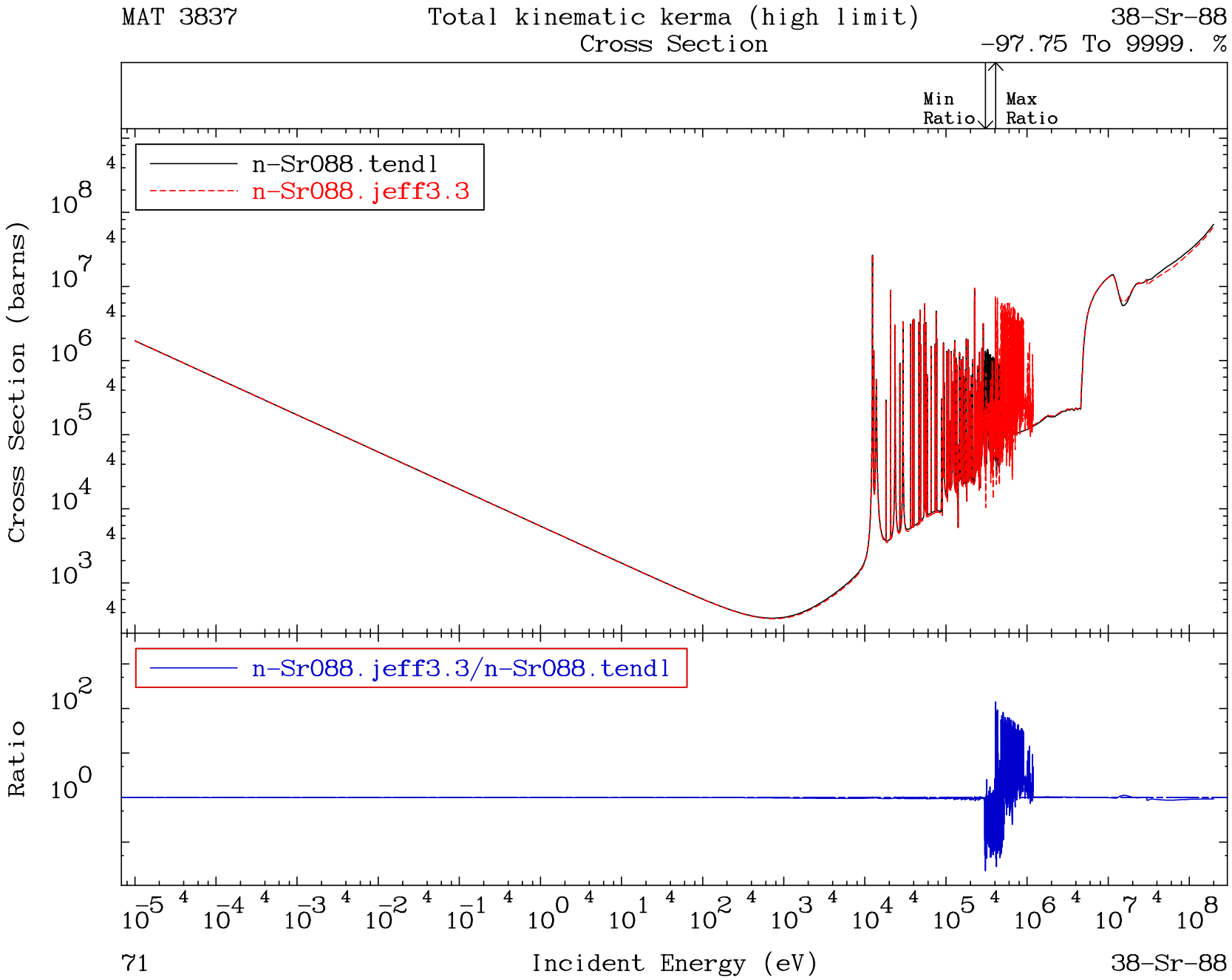

MAT 3837
Kerma non-elastic (all but mt2)
Cross Section
38-Sr-88
-99.89 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
66
38-Sr-88

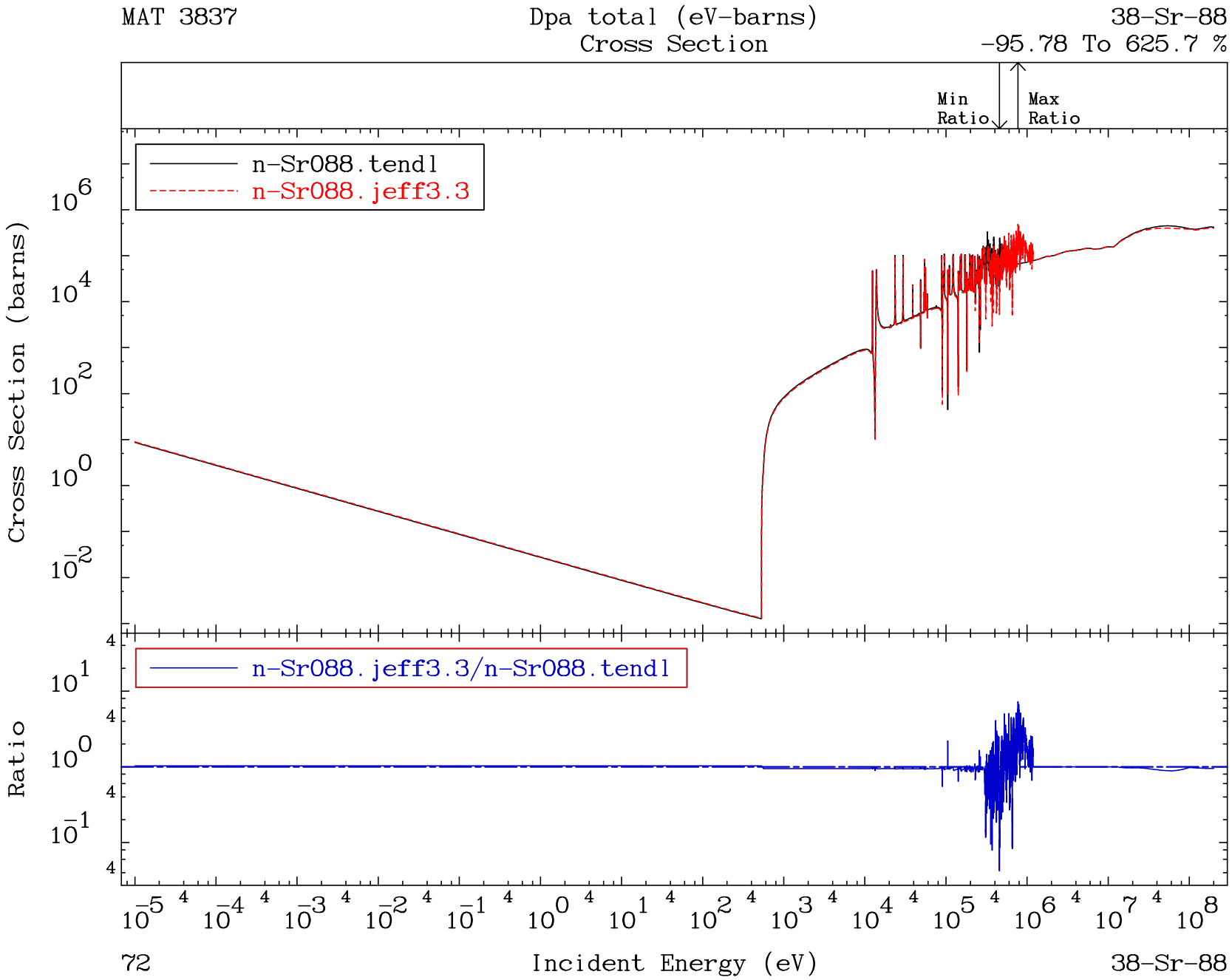

MAT 3837
Kerma inelastic (mt51-91)
Cross Section
38-Sr-88
-2.664 To 44.70 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 1.9000 MeV
n-Sr088.jeff3.3 Threshold 1.9000 MeV
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
67
38-Sr-88

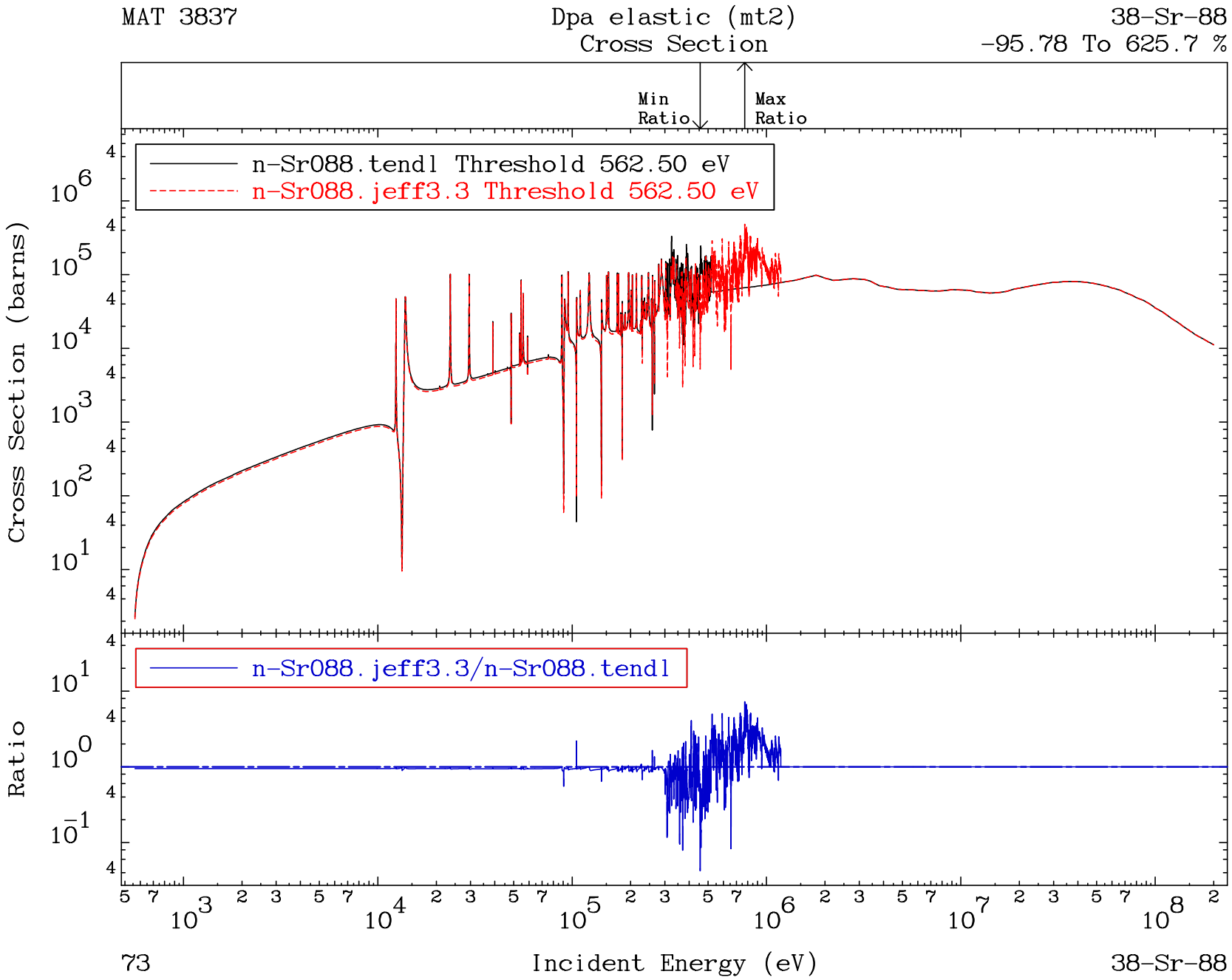

MAT 3837
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
38-Sr-88
-2.664 To 44.70 %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.4
1.2
1.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
68
Incident Energy (eV)
38-Sr-88

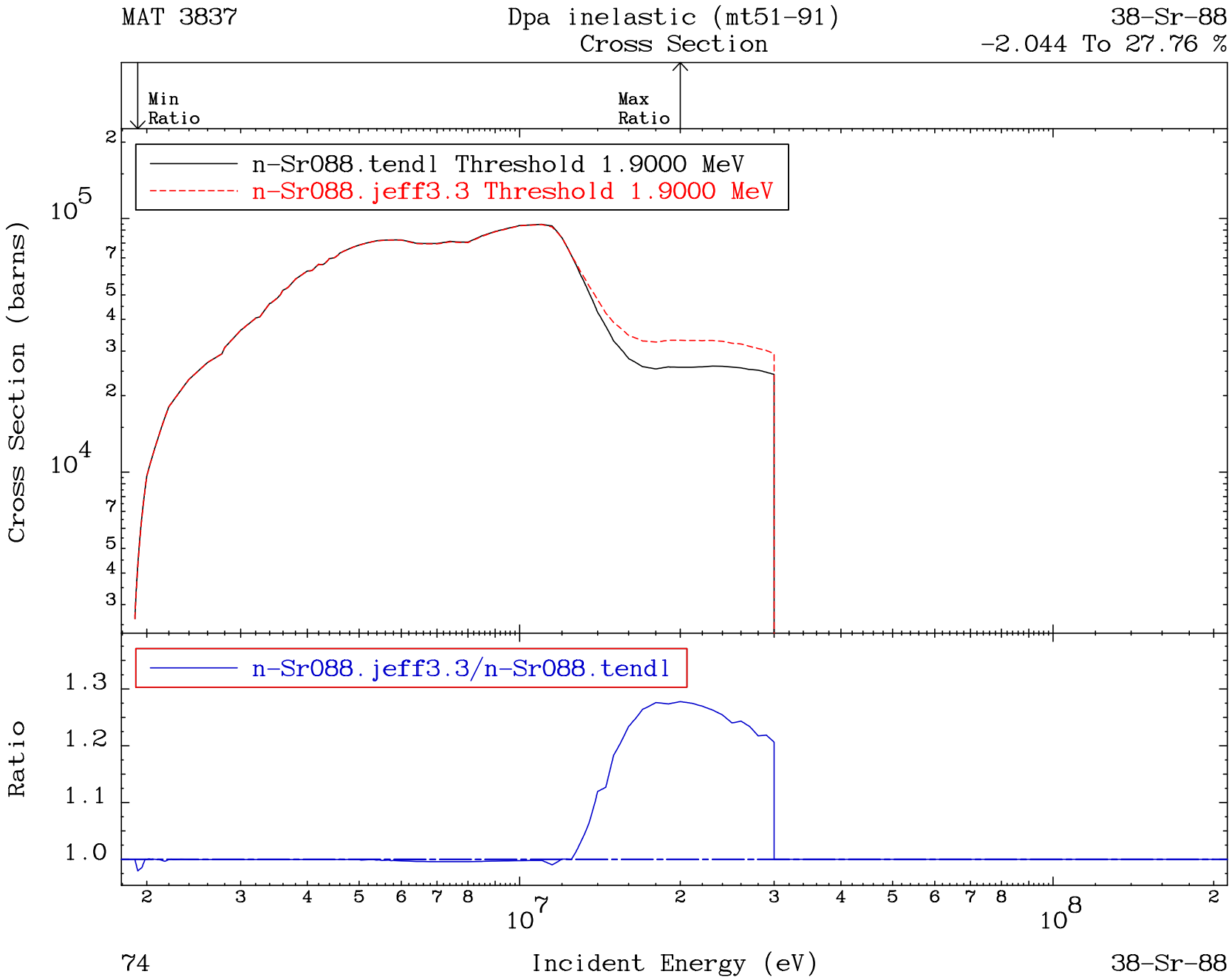

MAT 3837
Kerma capture (mt102)
Cross Section
38-Sr-88
-99.89 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
69
Incident Energy (eV)
38-Sr-88

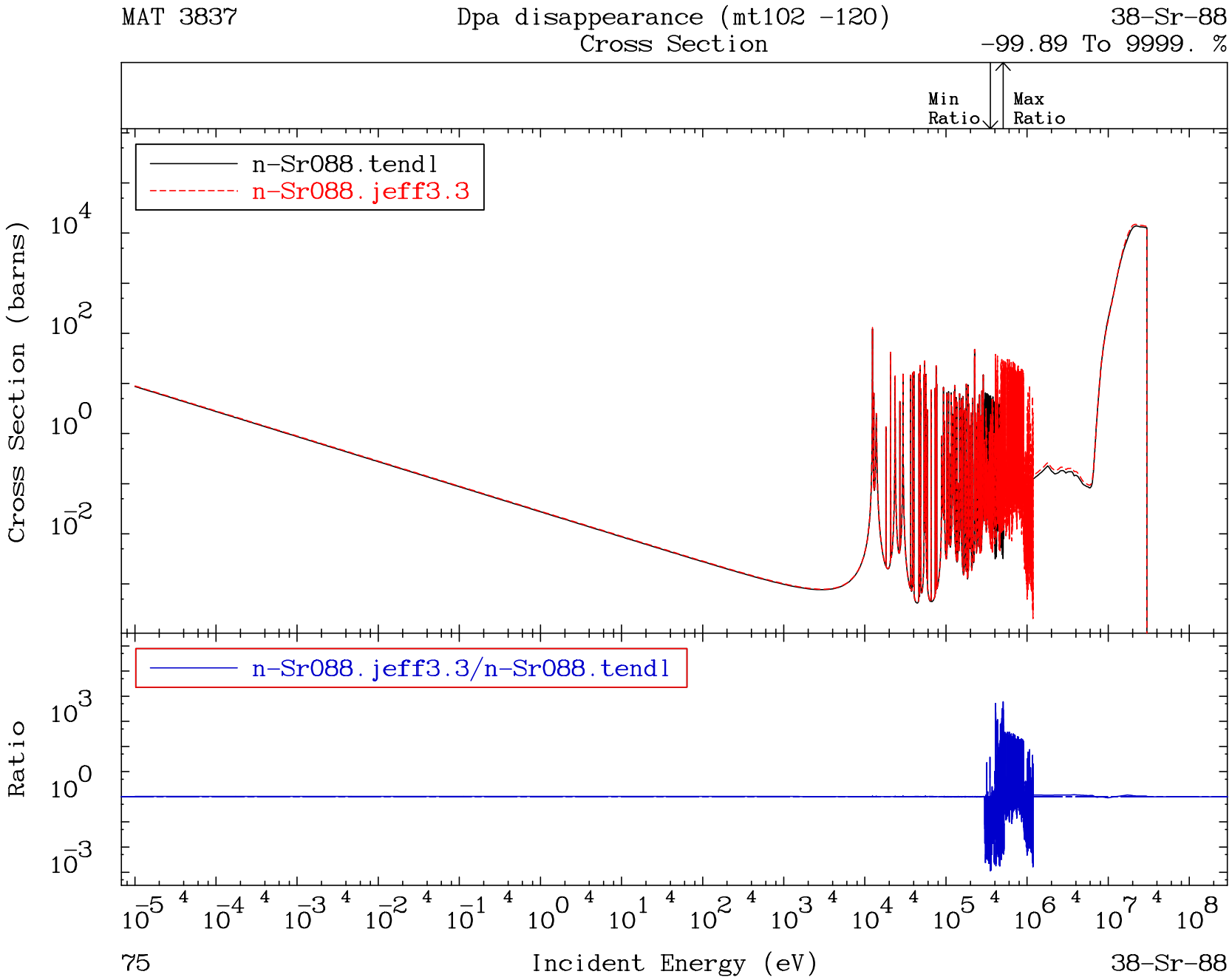

MAT 3837
Total photon (eV-barns)
Cross Section
38-Sr-88
-99.89 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
70
38-Sr-88

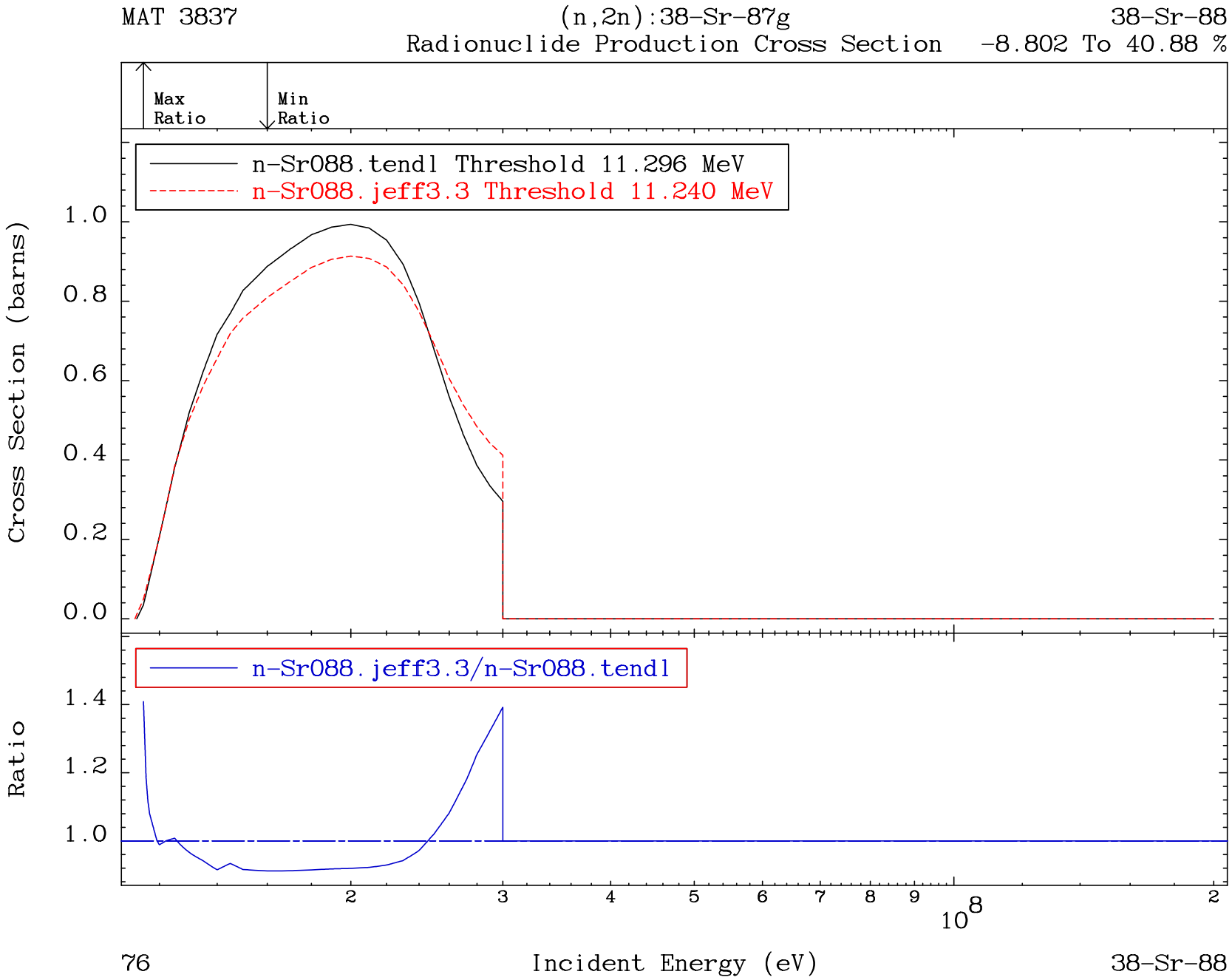

MAT 3837
Total kinematic kerma (high limit)
Cross Section
38-Sr-88
-97.75 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
71
38-Sr-88

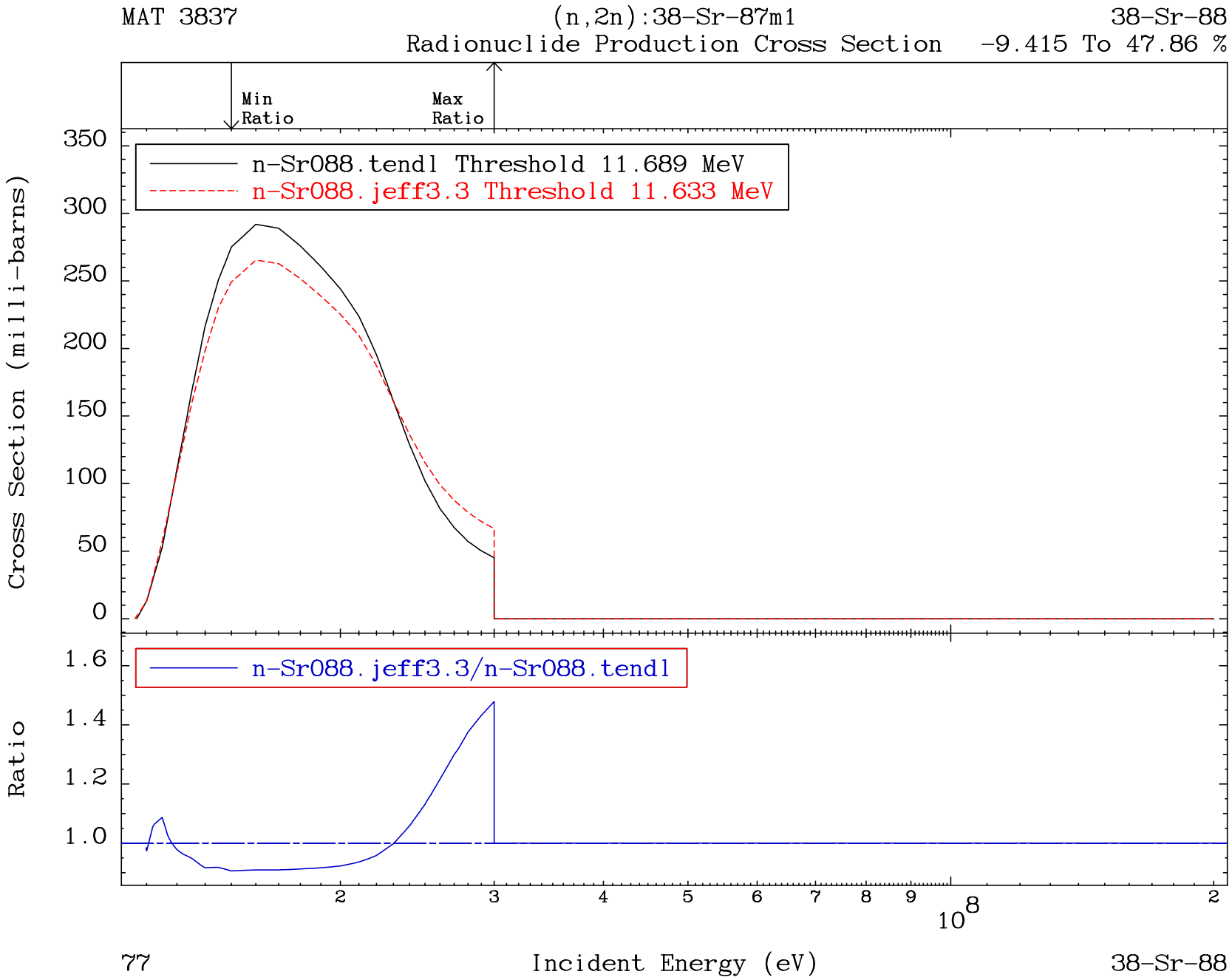

MAT 3837
Dpa total (eV-barns)
Cross Section
38-Sr-88
-95.78 To 625.7 %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
72
38-Sr-88

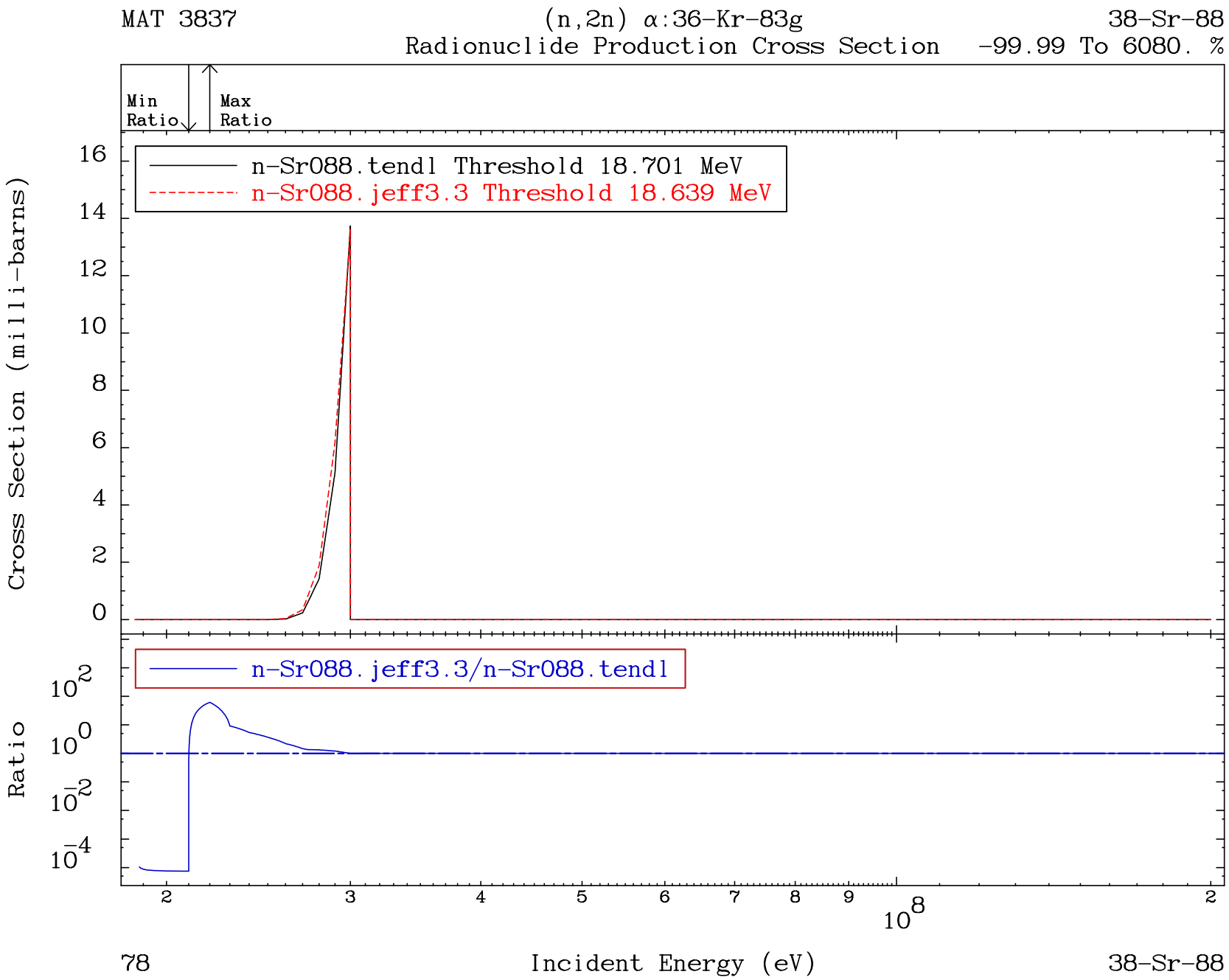

MAT 3837
Dpa elastic (mt2)
Cross Section
38-Sr-88
-95.78 To 625.7 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 562.50 eV
n-Sr088.jeff3.3 Threshold 562.50 eV
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
73
38-Sr-88

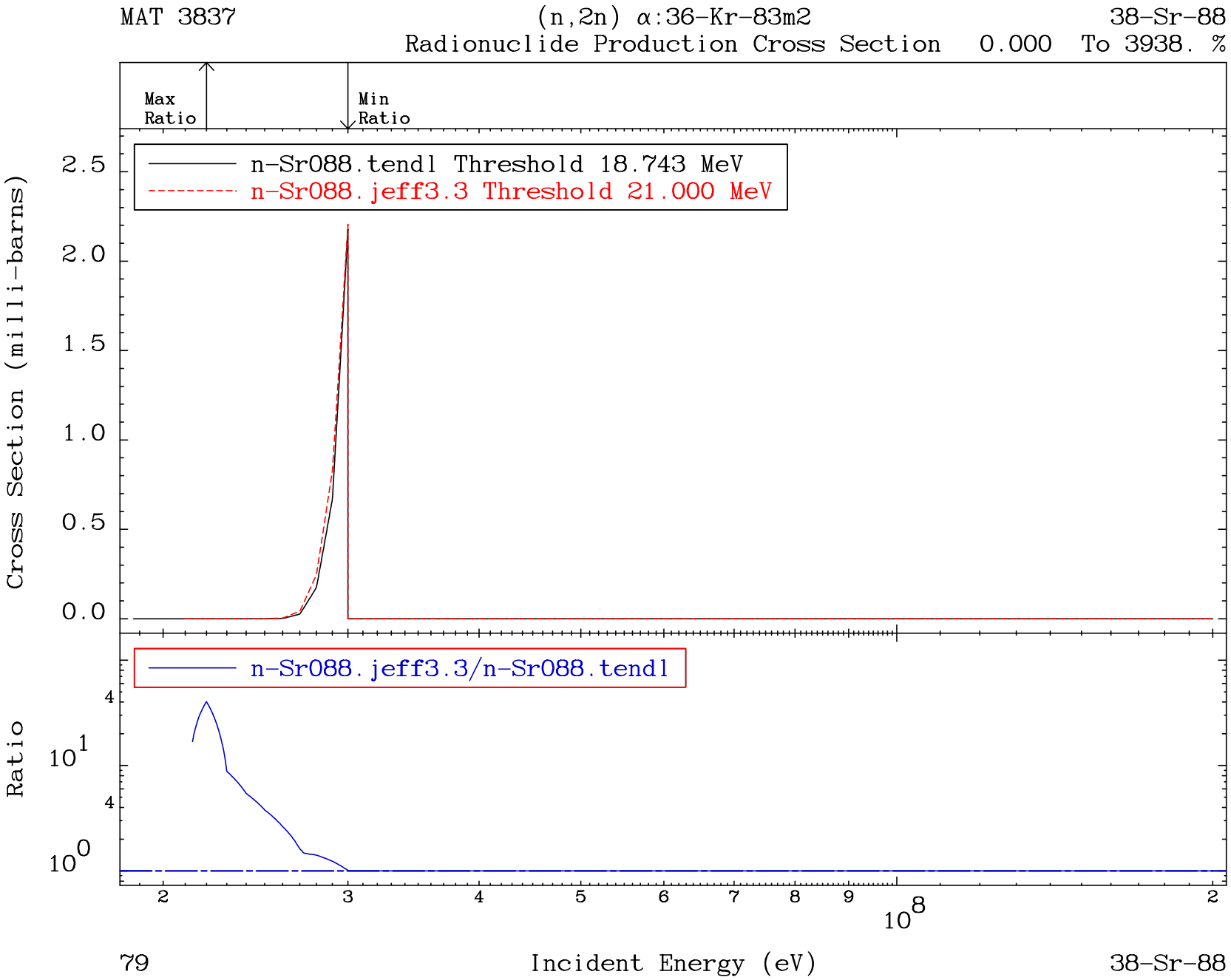

MAT 3837
Dpa inelastic (mt51-91)
Cross Section
38-Sr-88
-2.044 To 27.76 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 1.9000 MeV
n-Sr088.jeff3.3 Threshold 1.9000 MeV
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
74
38-Sr-88

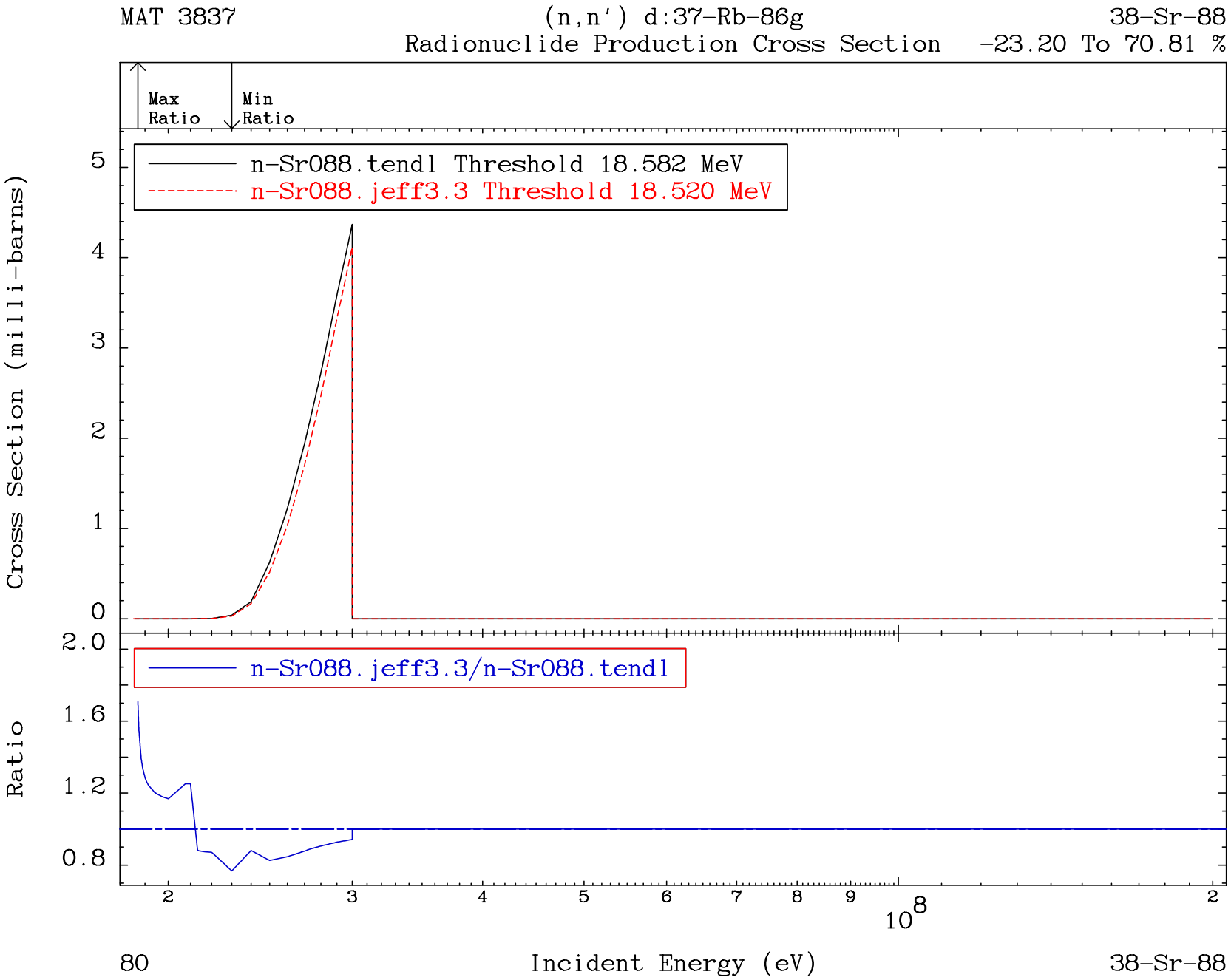

MAT 3837
Dpa disappearance (mt102 -120)
Cross Section
38-Sr-88
-99.89 To 9999. %
Min Ratio
Max Ratio
n-Sr088.tendl
n-Sr088.jeff3.3
Cross Section (barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
75
38-Sr-88

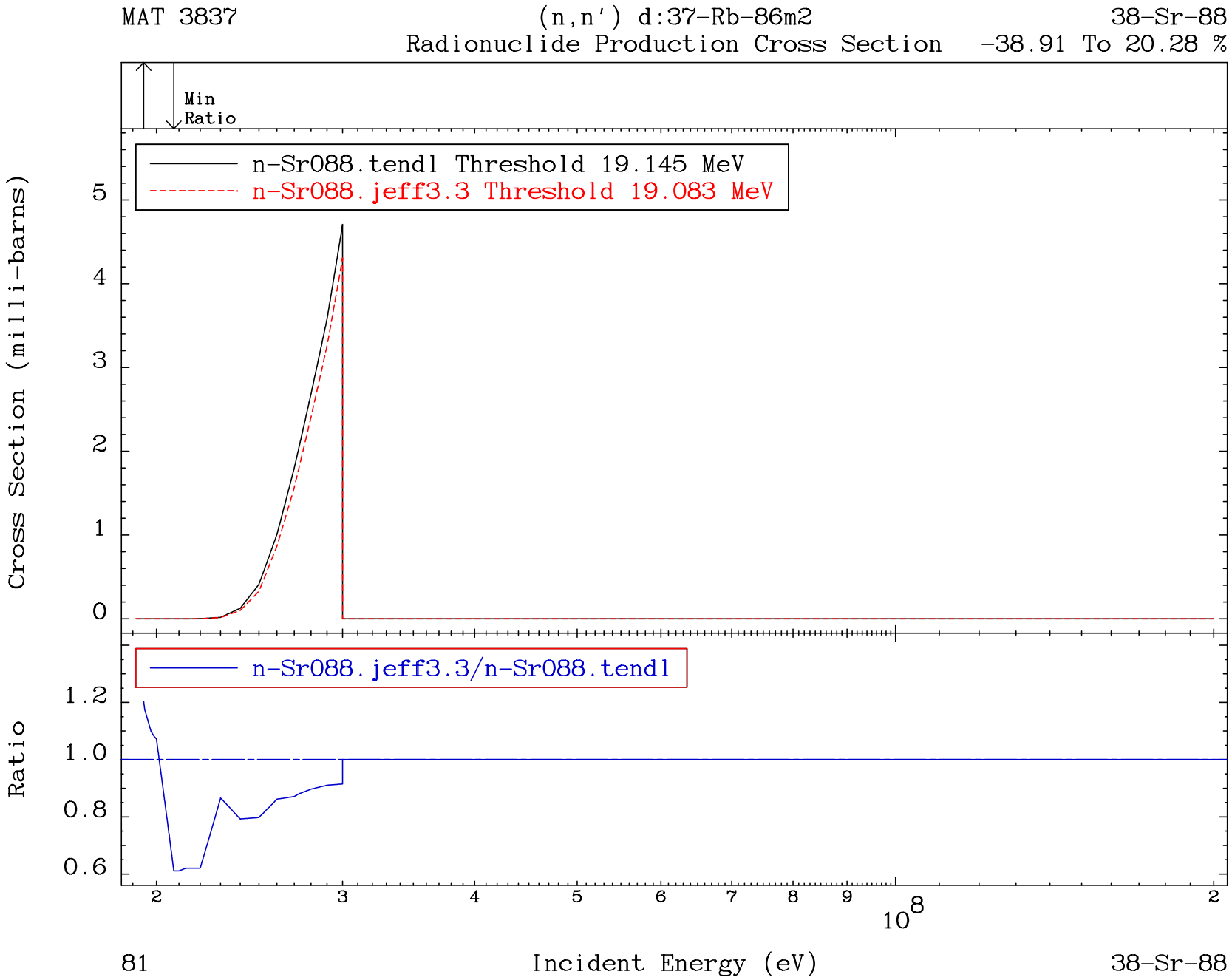

MAT 3837
(n,2n):38-Sr-87g
38-Sr-88
Radionuclide Production Cross Section
-8.802 To 40.88 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 11.296 MeV
n-Sr088.jeff3.3 Threshold 11.240 MeV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.4
1.2
1.0
2
3
4
5
6
7
8
9
10^8
2
76
Incident Energy (eV)
38-Sr-88

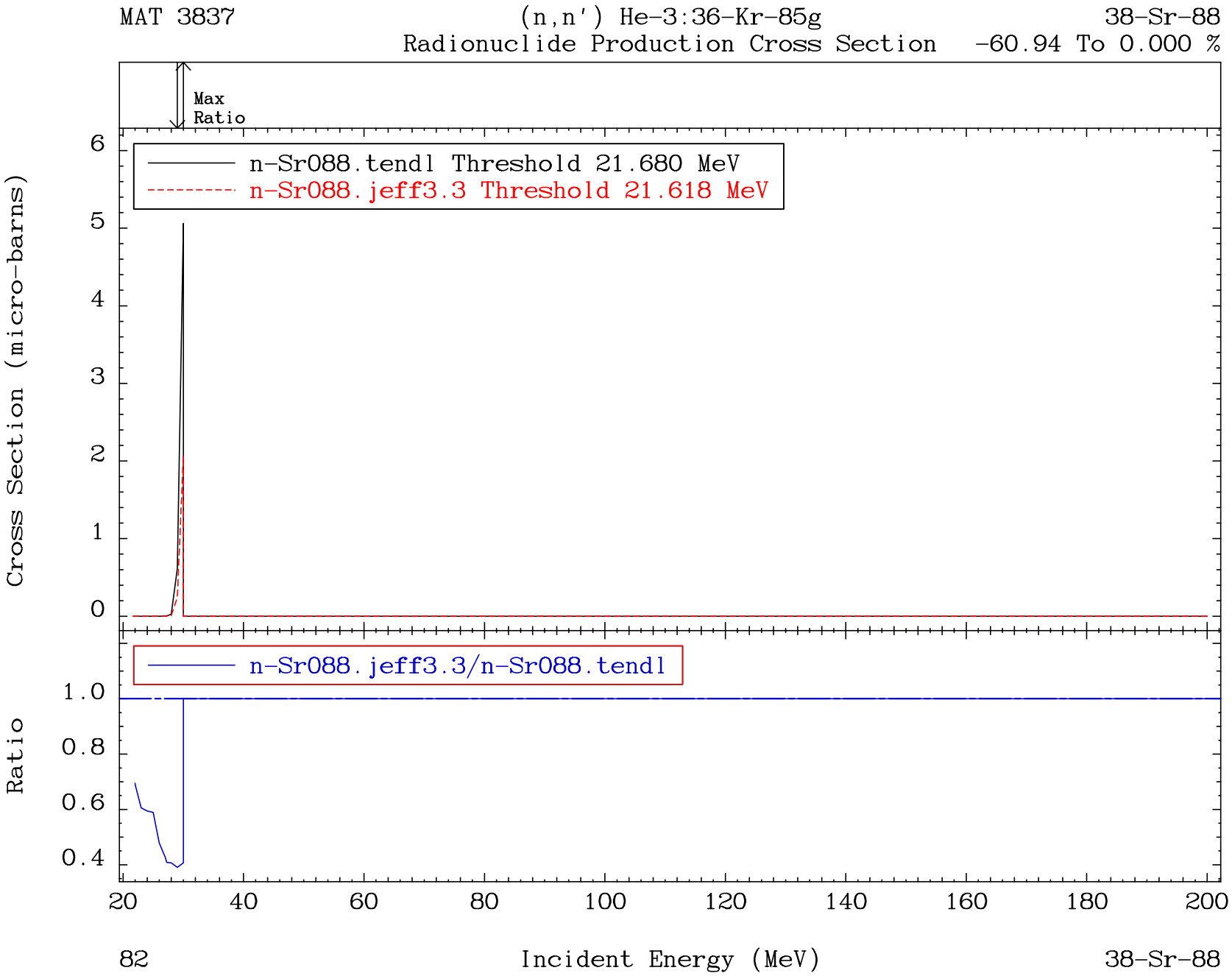

MAT 3837
(n,2n):38-Sr-87m1
38-Sr-88
Radionuclide Production Cross Section -9.415 To 47.86 %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 11.689 MeV
n-Sr088.jeff3.3 Threshold 11.633 MeV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.6
1.4
1.2
1.0
2
3
4
5
6
7
8
9
10^8
2
77
Incident Energy (eV)
38-Sr-88

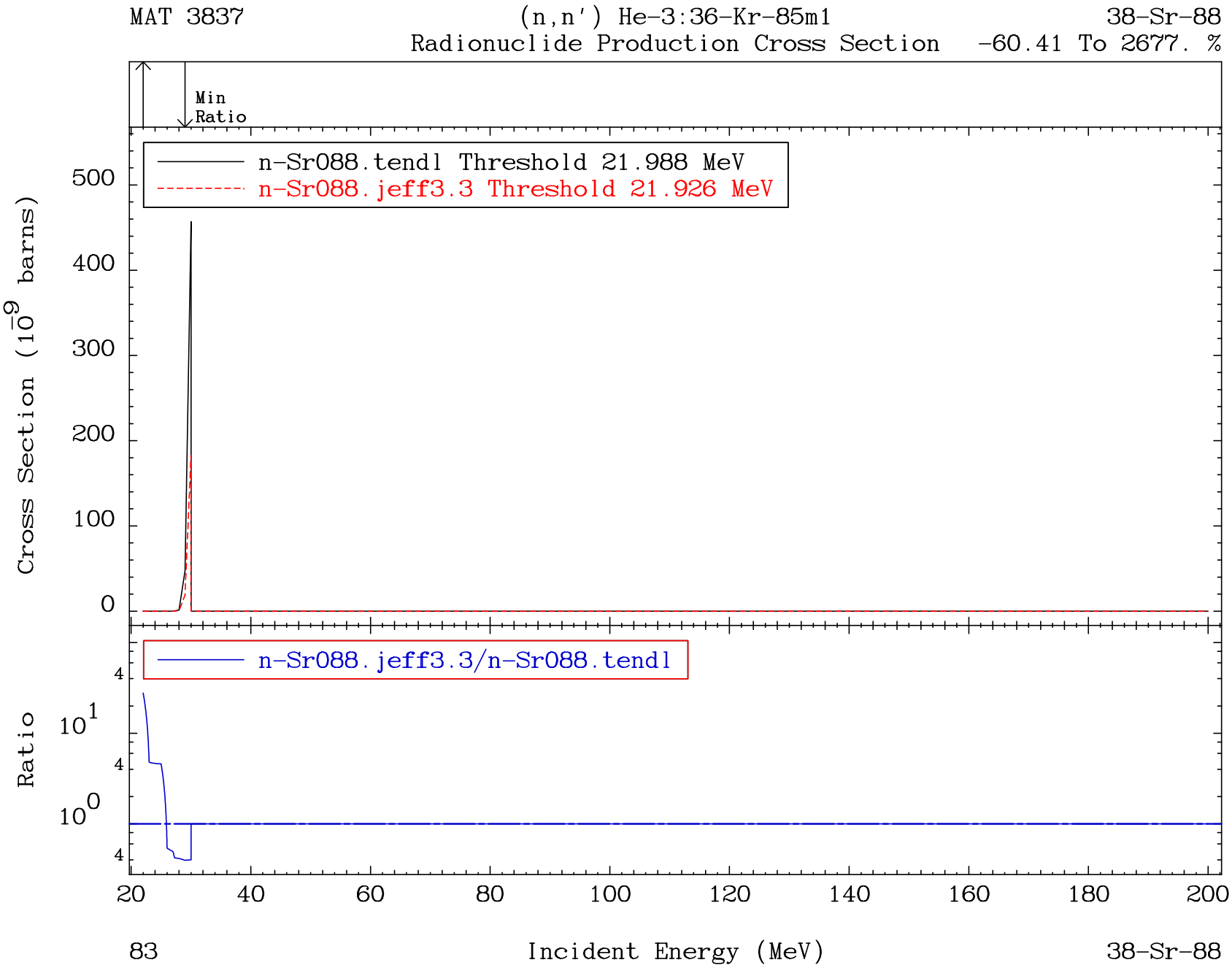

MAT 3837
(n,2n) α:36-Kr-83g
38-Sr-88
Radionuclide Production Cross Section -99.99 To 6080. %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 18.701 MeV
n-Sr088.jeff3.3 Threshold 18.639 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^2
10^0
10^-2
10^-4
2
3
4
5
6
7
8
9
10^8
2
78
Incident Energy (eV)
38-Sr-88

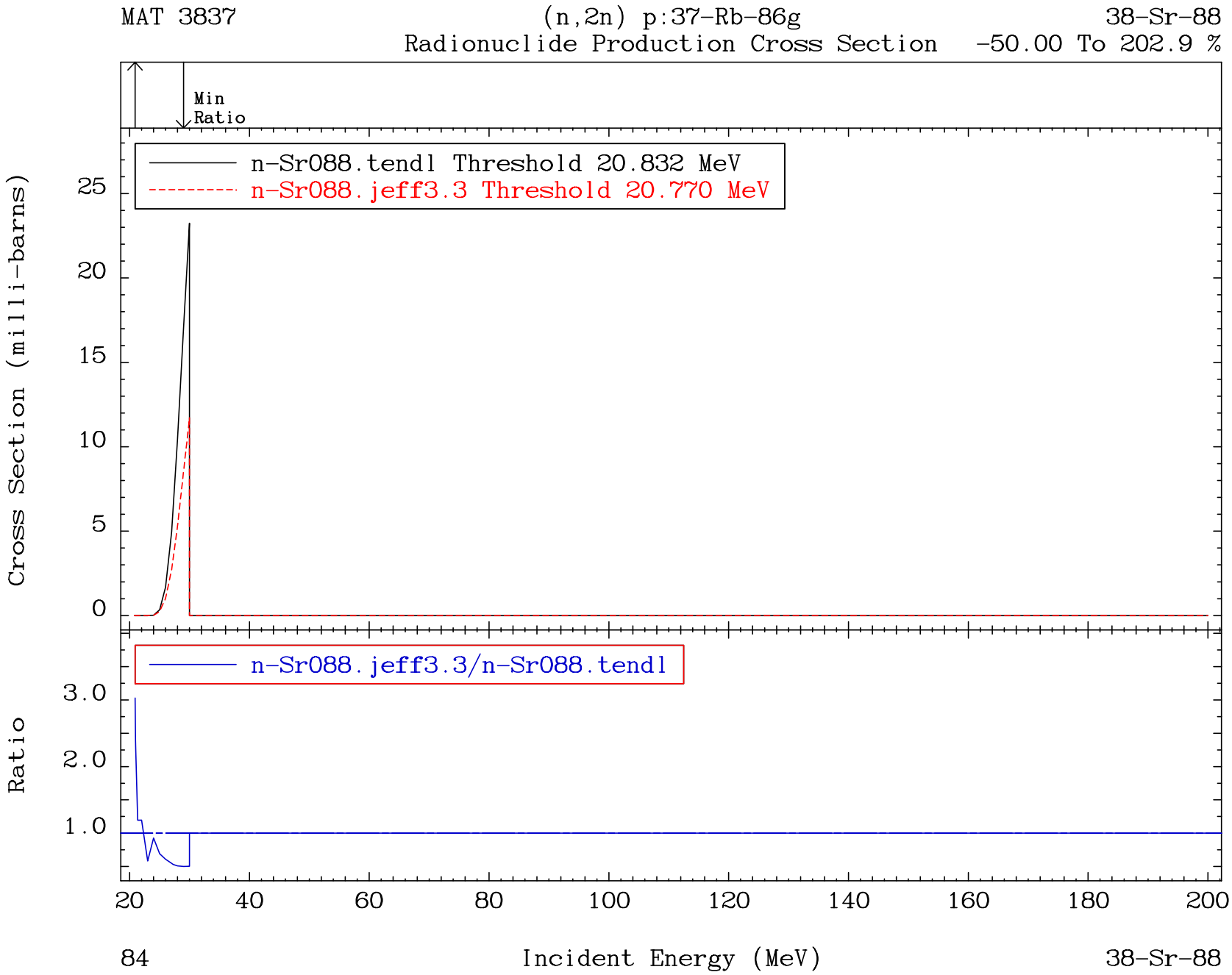

MAT 3837
(n,2n) α:36-Kr-83m2
38-Sr-88
Radionuclide Production Cross Section 0.000 To 3938. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 18.743 MeV
n-Sr088.jeff3.3 Threshold 21.000 MeV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^1
4
10^0
2
3
4
5
6
7
8
9
10^8
2
79
Incident Energy (eV)
38-Sr-88

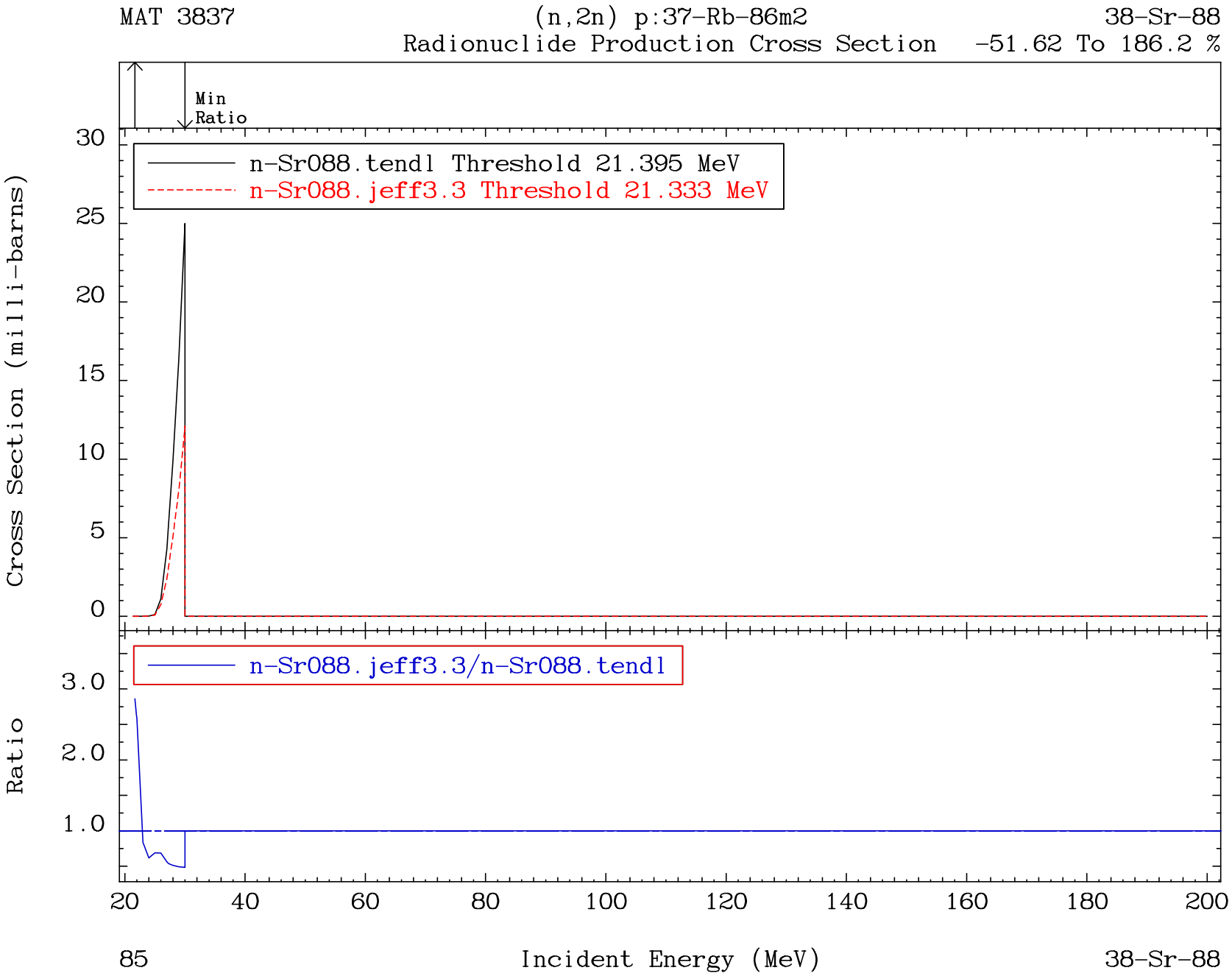

MAT 3837
(n,n') d:37-Rb-86g
38-Sr-88
Radionuclide Production Cross Section -23.20 To 70.81 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 18.582 MeV
n-Sr088.jeff3.3 Threshold 18.520 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
0.8
1.2
1.6
2.0
2
3
4
5
6
7
8
9
10^8
2
80
Incident Energy (eV)
38-Sr-88

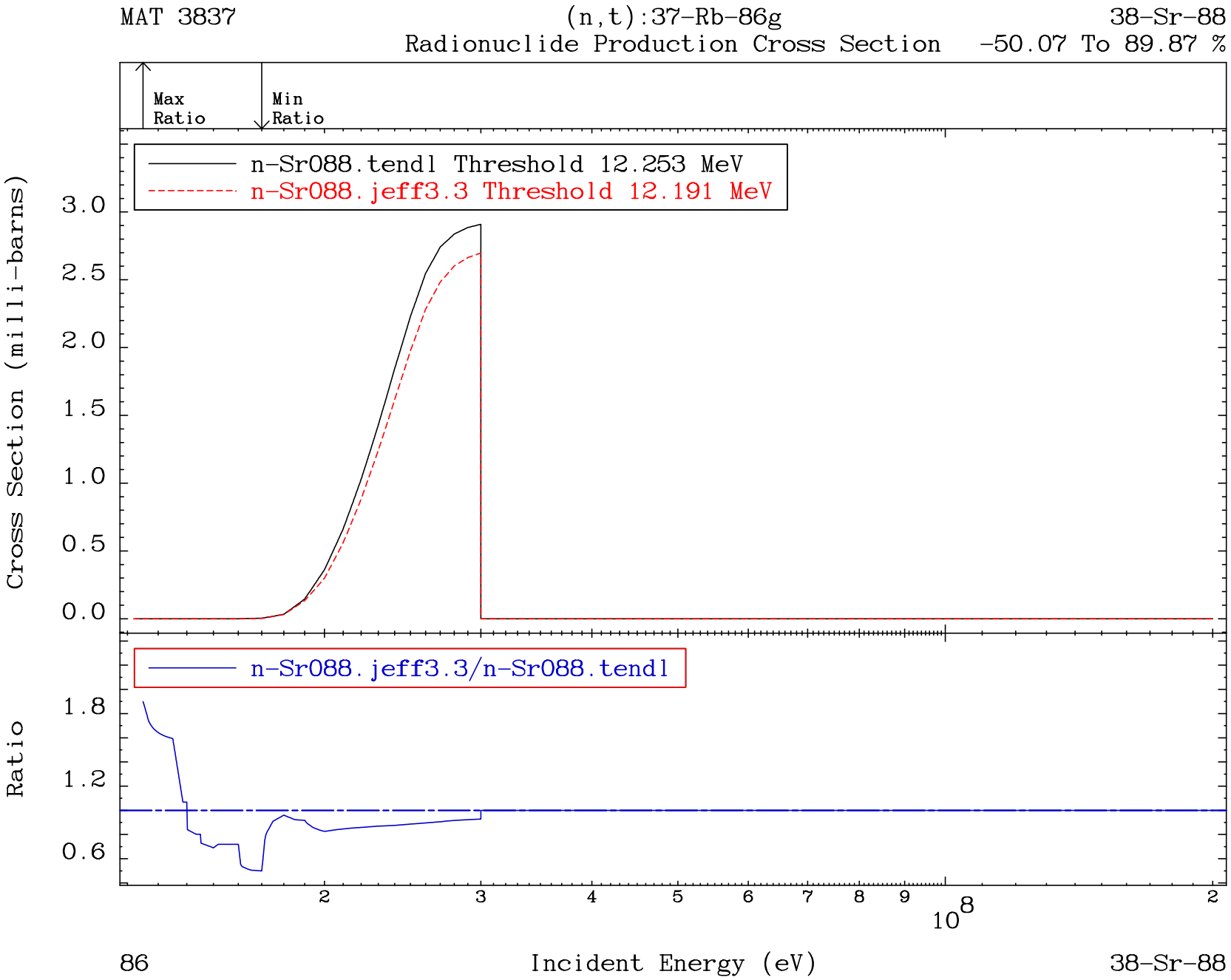

MAT 3837
(n,n') d:37-Rb-86m2
38-Sr-88
Radionuclide Production Cross Section -38.91 To 20.28 %
Min Ratio
n-Sr088.tendl Threshold 19.145 MeV
n-Sr088.jeff3.3 Threshold 19.083 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
0.6
0.8
1.0
1.2
2
3
4
5
6
7
8
9
10^8
2
81
Incident Energy (eV)
38-Sr-88

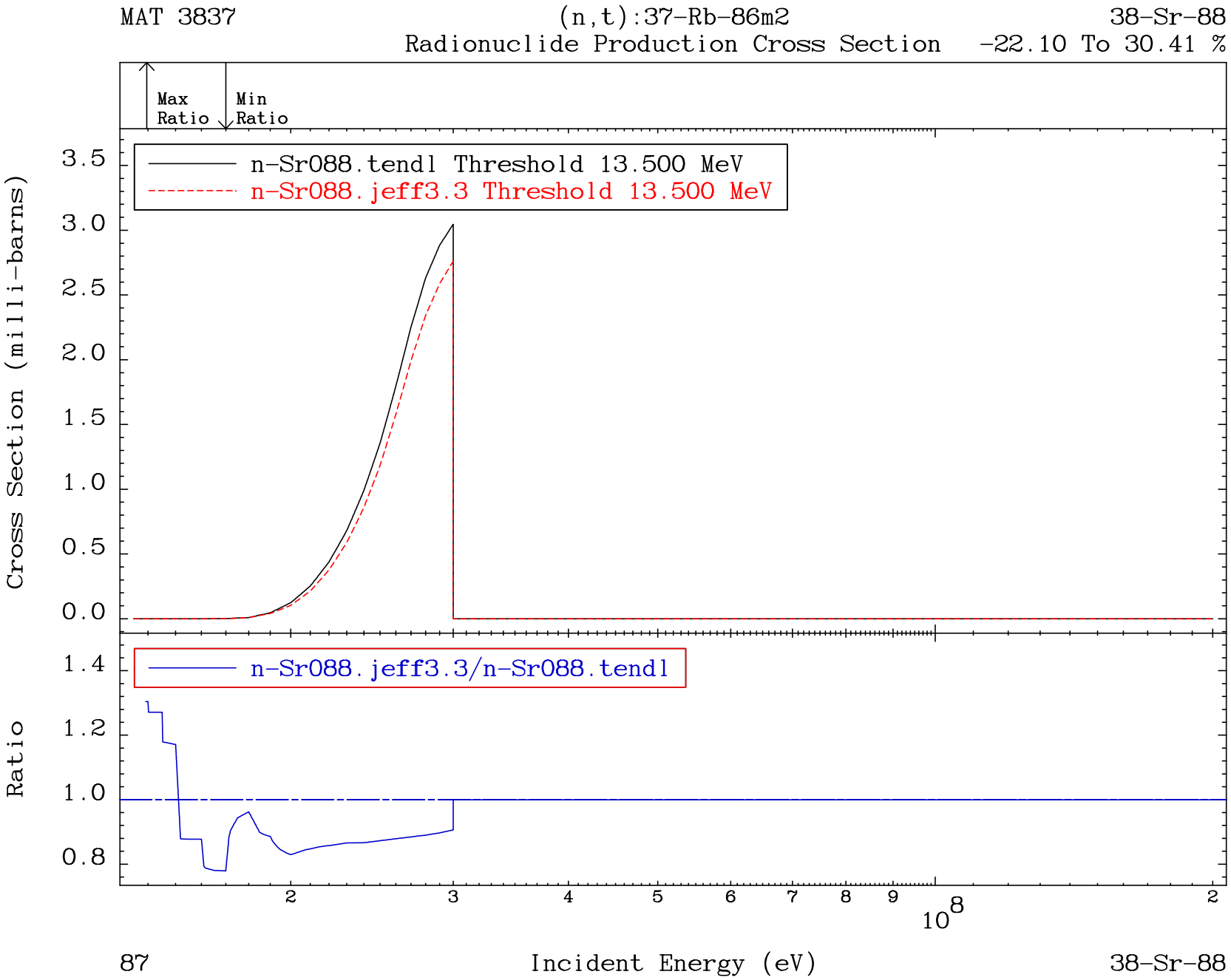

MAT 3837
(n,n') He-3:36-Kr-85g
38-Sr-88
Radionuclide Production Cross Section
-60.94 To 0.000 %
Max
Ratio
n-Sr088.tendl Threshold 21.680 MeV
n-Sr088.jeff3.3 Threshold 21.618 MeV
Cross Section (micro-barns)
0
1
2
3
4
5
6
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
0.4
0.6
0.8
1.0
20
40
60
80
100
120
140
160
180
200
82
Incident Energy (MeV)
38-Sr-88

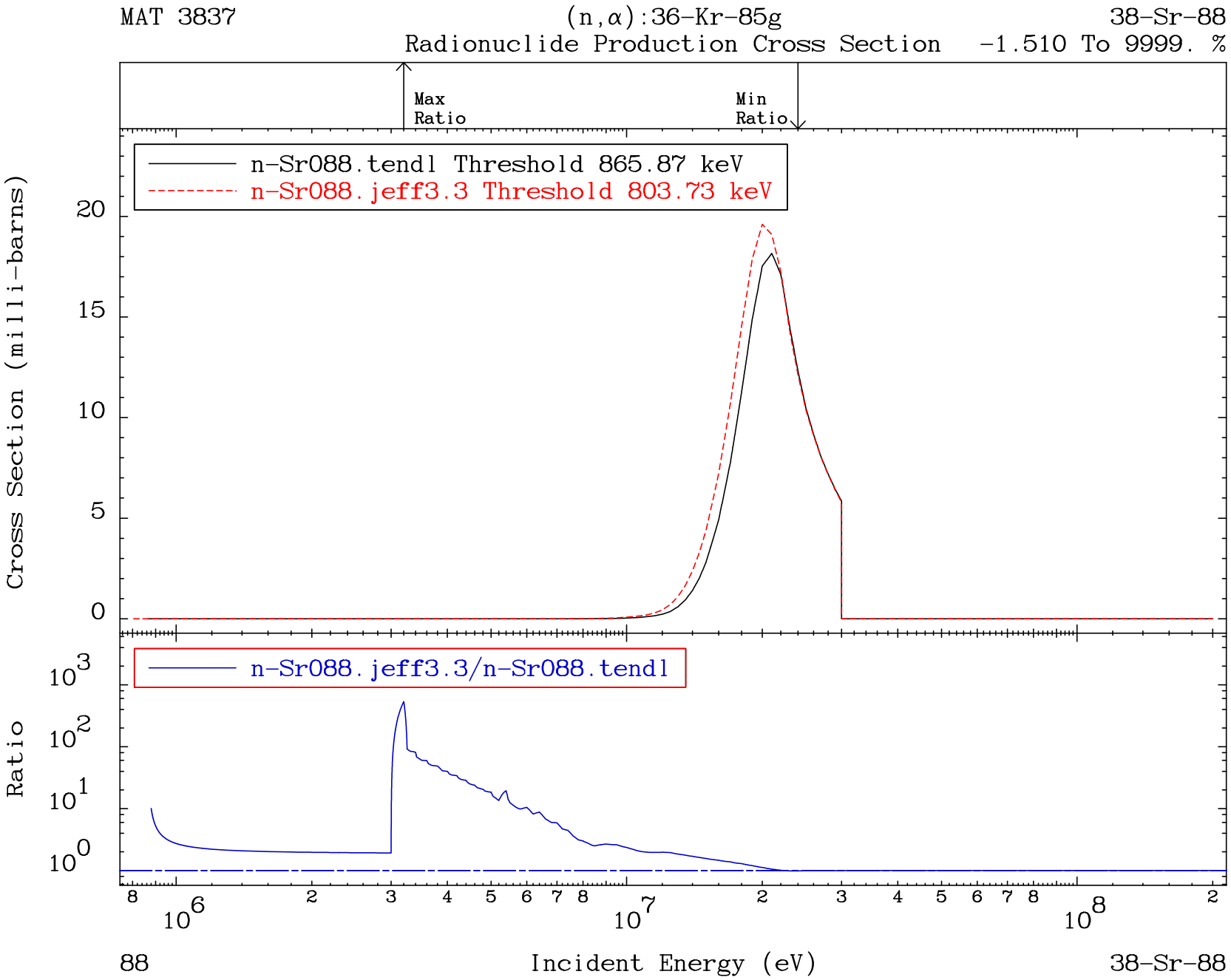

MAT 3837
(n,n') He-3:36-Kr-85m1
38-Sr-88
Radionuclide Production Cross Section -60.41 To 2677. %
Min Ratio
n-Sr088.tendl Threshold 21.988 MeV
n-Sr088.jeff3.3 Threshold 21.926 MeV
Cross Section (10^{-9} barns)
500
400
300
200
100
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^1
10^0
20
40
60
80
100
120
140
160
180
200
83
Incident Energy (MeV)
38-Sr-88

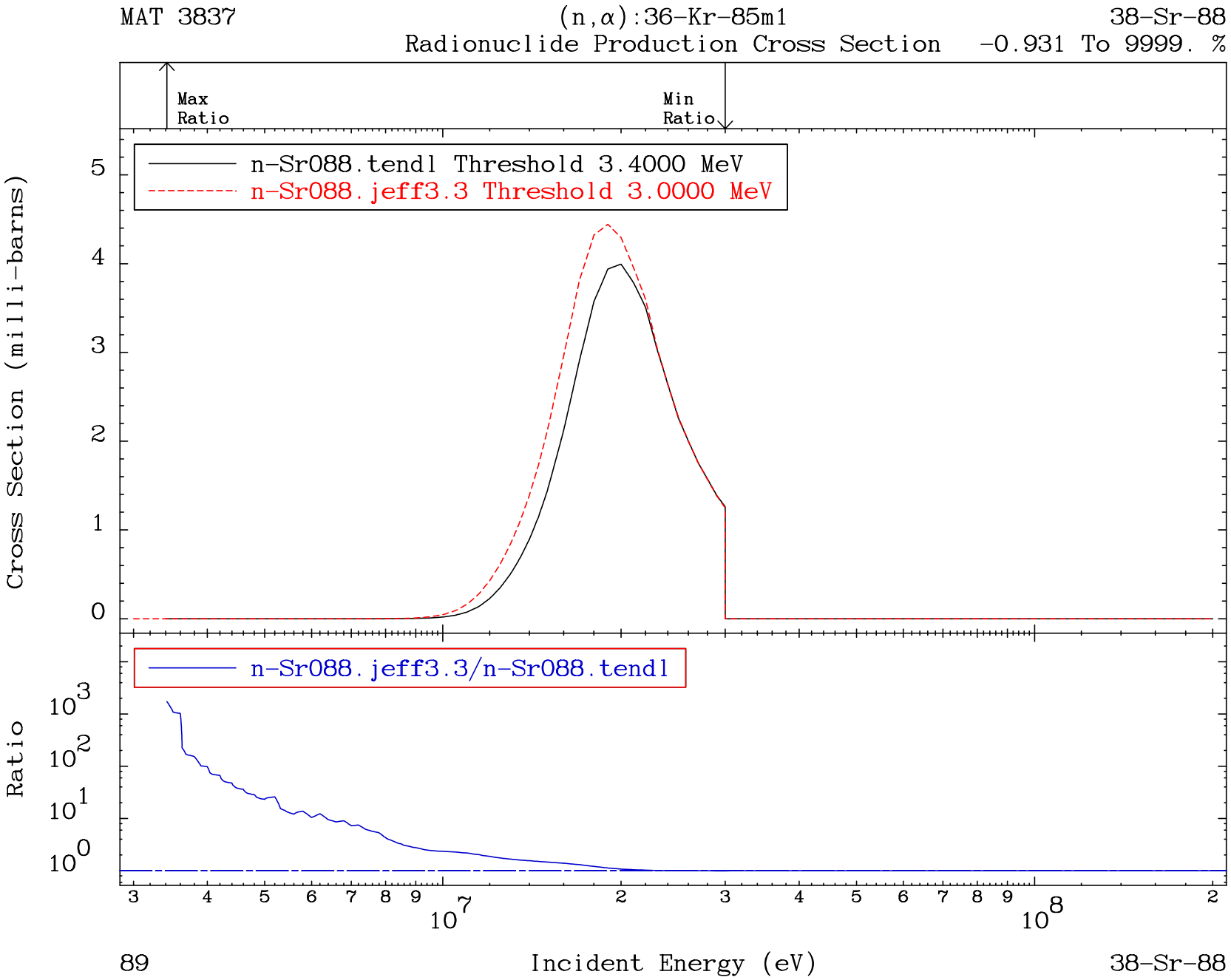

MAT 3837
(n,2n) p:37-Rb-86g
38-Sr-88
Radionuclide Production Cross Section -50.00 To 202.9 %
Min
Ratio
n-Sr088.tendl Threshold 20.832 MeV
n-Sr088.jeff3.3 Threshold 20.770 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
3.0
2.0
1.0
20
40
60
80
100
120
140
160
180
200
84
Incident Energy (MeV)
38-Sr-88

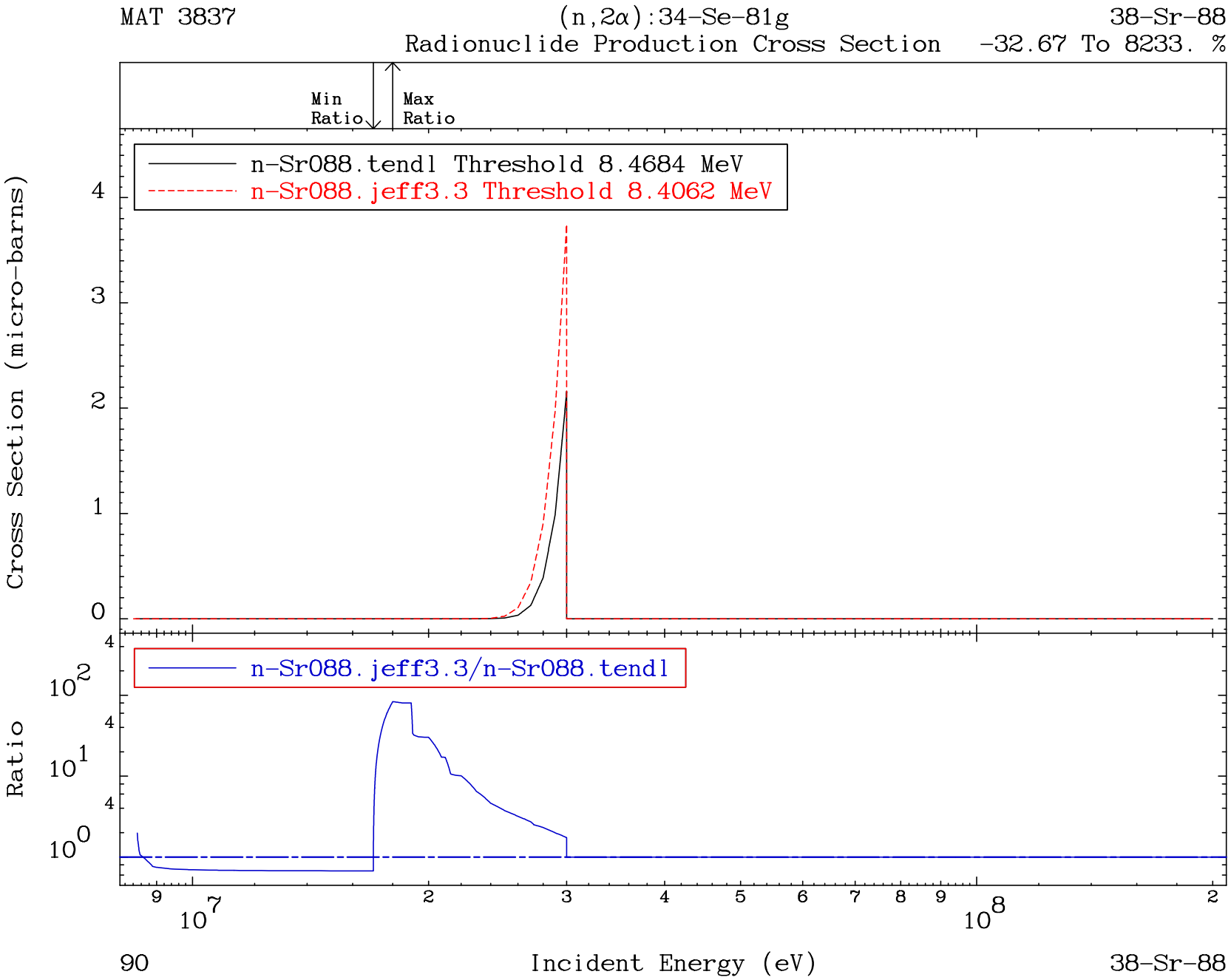

MAT 3837
(n,2n) p:37-Rb-86m2
38-Sr-88
Radionuclide Production Cross Section -51.62 To 186.2 %
Min
Ratio
n-Sr088.tendl Threshold 21.395 MeV
n-Sr088.jeff3.3 Threshold 21.333 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
3.0
2.0
1.0
20
40
60
80
100
120
140
160
180
200
85
Incident Energy (MeV)
38-Sr-88

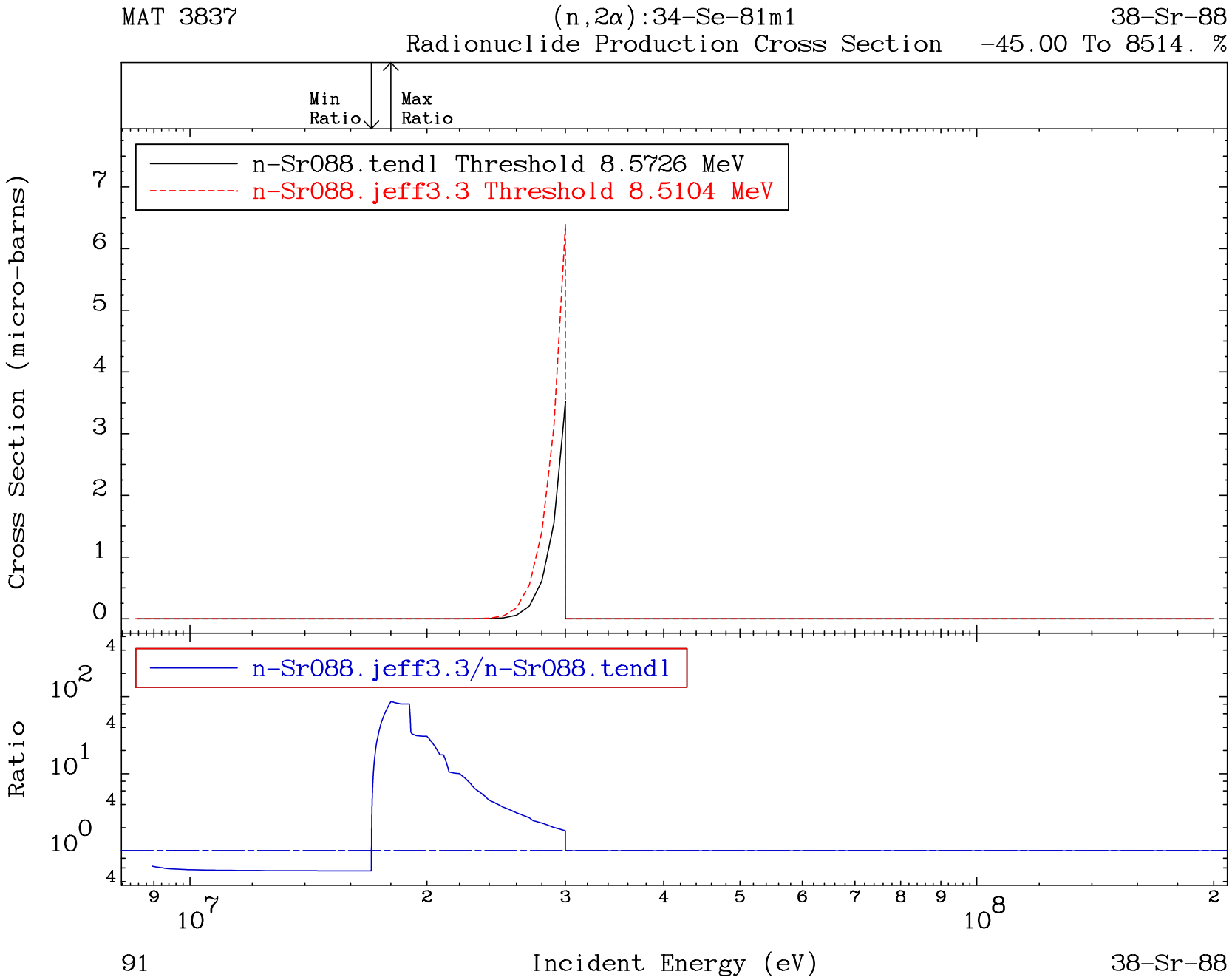

MAT 3837
(n,t):37-Rb-86g
38-Sr-88
Radionuclide Production Cross Section -50.07 To 89.87 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 12.253 MeV
n-Sr088.jeff3.3 Threshold 12.191 MeV
Cross Section (milli-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.8
1.2
0.6
2
3
4
5
6
7
8
9
10^8
2
86
Incident Energy (eV)
38-Sr-88

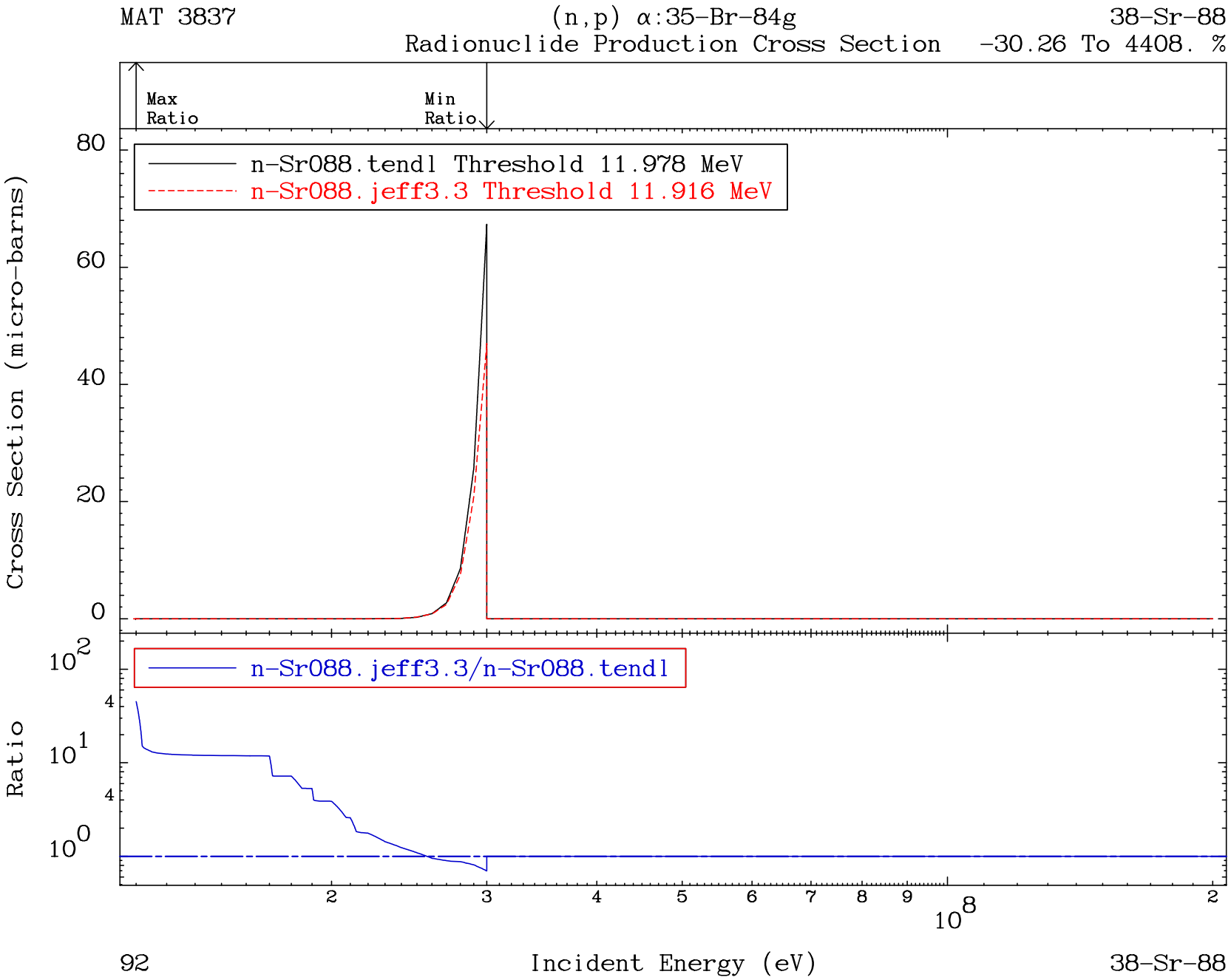

MAT 3837
(n,t):37-Rb-86m2
38-Sr-88
Radionuclide Production Cross Section -22.10 To 30.41 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 13.500 MeV
n-Sr088.jeff3.3 Threshold 13.500 MeV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.4
1.2
1.0
0.8
2
3
4
5
6
7
8
9
10^8
2
87
Incident Energy (eV)
38-Sr-88

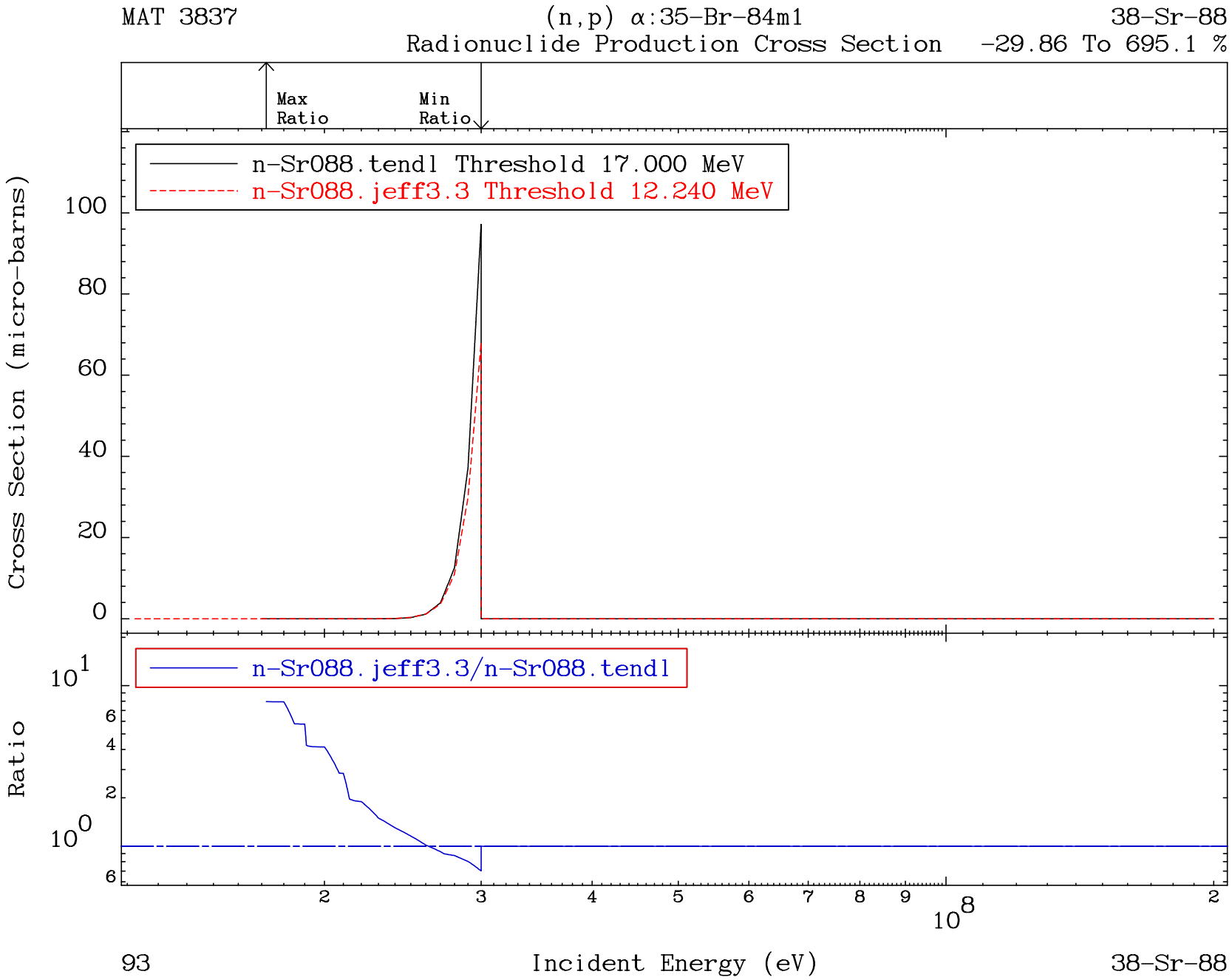

MAT 3837
(n,α):36-Kr-85g
38-Sr-88
Radionuclide Production Cross Section -1.510 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 865.87 keV
n-Sr088.jeff3.3 Threshold 803.73 keV
Cross Section (milli-barns)
20
15
10
5
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^3
10^2
10^1
10^0
8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
88
Incident Energy (eV)
38-Sr-88

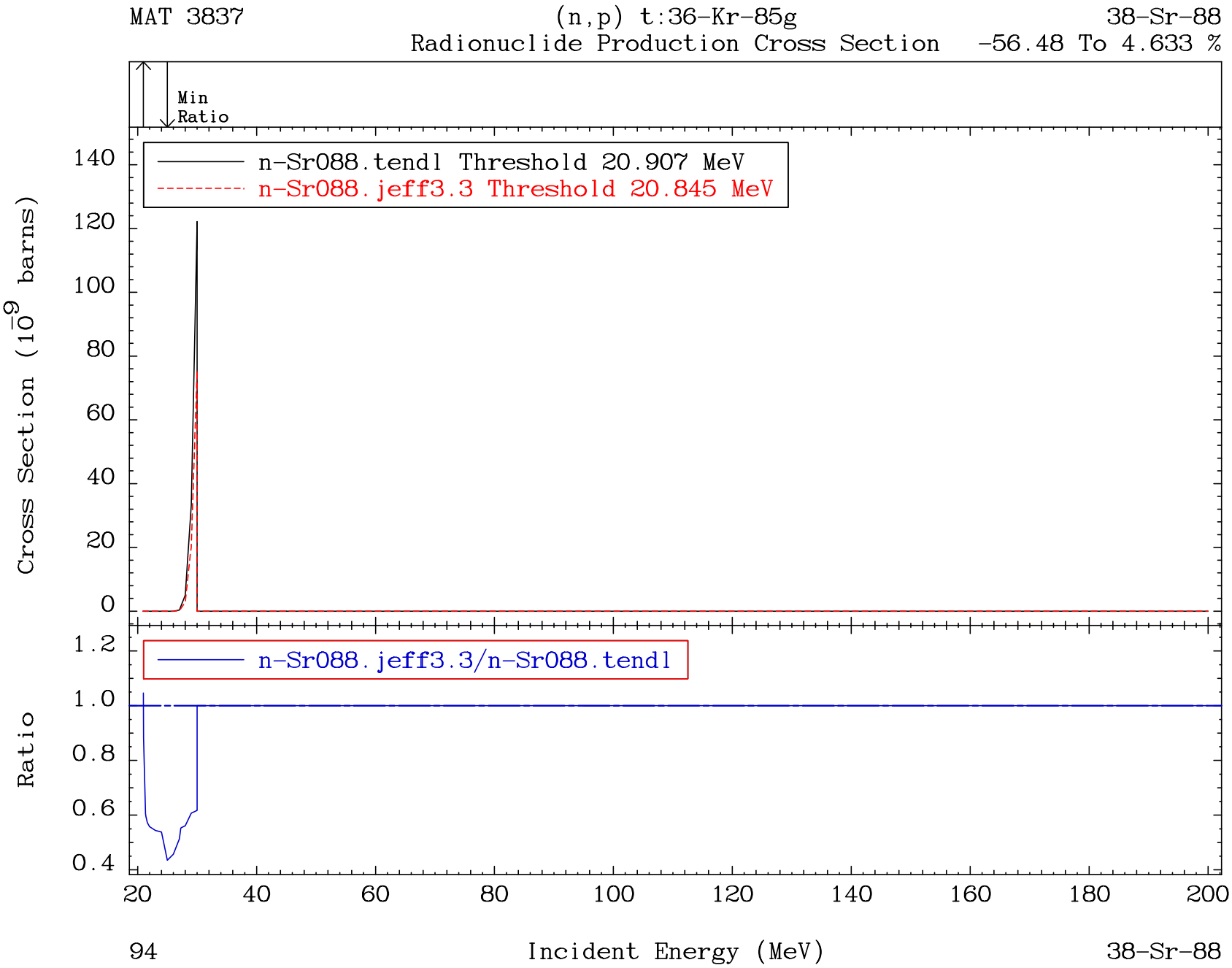

MAT 3837
(n,α):36-Kr-85m1
38-Sr-88
Radionuclide Production Cross Section -0.931 To 9999. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 3.4000 MeV
n-Sr088.jeff3.3 Threshold 3.0000 MeV
Cross Section (milli-barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
89
38-Sr-88

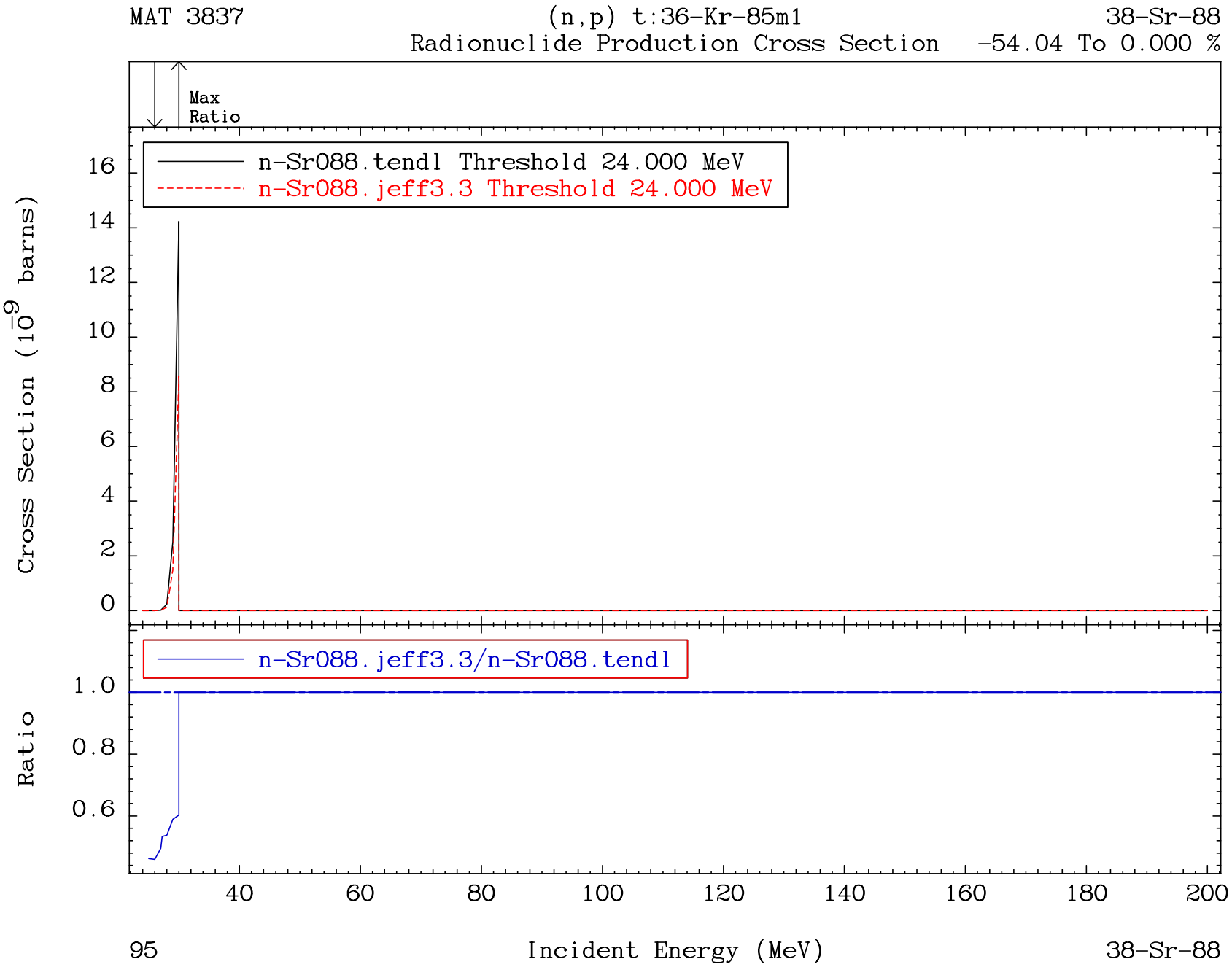

MAT 3837
(n,2α):34-Se-81g
38-Sr-88
Radionuclide Production Cross Section -32.67 To 8233. %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 8.4684 MeV
n-Sr088.jeff3.3 Threshold 8.4062 MeV
Cross Section (micro-barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
90
38-Sr-88


MAT 3837
(n,2α):34-Se-81m1
38-Sr-88
Radionuclide Production Cross Section -45.00 To 8514. %
Min Ratio
Max Ratio
n-Sr088.tendl Threshold 8.5726 MeV
n-Sr088.jeff3.3 Threshold 8.5104 MeV
Cross Section (micro-barns)
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
Incident Energy (eV)
91
38-Sr-88


MAT 3837
(n,p) α:35-Br-84g
38-Sr-88
Radionuclide Production Cross Section -30.26 To 4408. %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 11.978 MeV
n-Sr088.jeff3.3 Threshold 11.916 MeV
Cross Section (micro-barns)
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^2
4
10^1
4
10^0
2
3
4
5
6
7
8
9
10^8
2
92
Incident Energy (eV)
38-Sr-88


MAT 3837
(n,p) α:35-Br-84m1
38-Sr-88
Radionuclide Production Cross Section -29.86 To 695.1 %
Max Ratio
Min Ratio
n-Sr088.tendl Threshold 17.000 MeV
n-Sr088.jeff3.3 Threshold 12.240 MeV
Cross Section (micro-barns)
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
10^1
10^0
6
4
2
6
2
3
4
5
6
7
8
9
10^8
2
93
Incident Energy (eV)
38-Sr-88


MAT 3837
(n,p) t:36-Kr-85g
38-Sr-88
Radionuclide Production Cross Section -56.48 To 4.633 %
Min
Ratio
n-Sr088.tendl Threshold 20.907 MeV
n-Sr088.jeff3.3 Threshold 20.845 MeV
Cross Section (10^-9 barns)
140
120
100
80
60
40
20
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.2
1.0
0.8
0.6
0.4
20
40
60
80
100
120
140
160
180
200
94
Incident Energy (MeV)
38-Sr-88


MAT 3837
(n,p) t:36-Kr-85m1
38-Sr-88
Radionuclide Production Cross Section -54.04 To 0.000 %
Max
Ratio
n-Sr088.tendl Threshold 24.000 MeV
n-Sr088.jeff3.3 Threshold 24.000 MeV
Cross Section (10^{-9} barns)
16
14
12
10
8
6
4
2
0
n-Sr088.jeff3.3/n-Sr088.tendl
Ratio
1.0
0.8
0.6
40
60
80
100
120
140
160
180
200
95
Incident Energy (MeV)
38-Sr-88