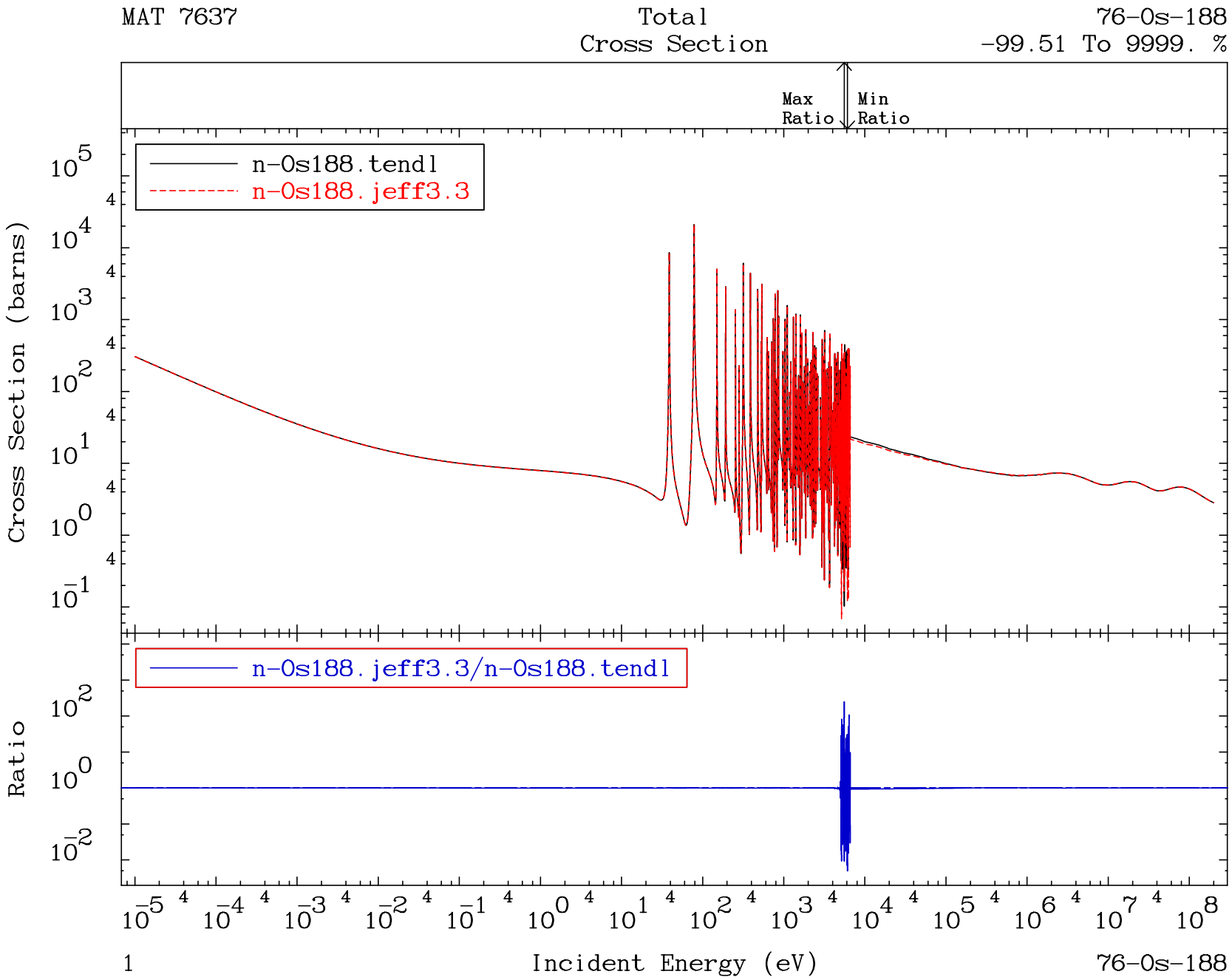
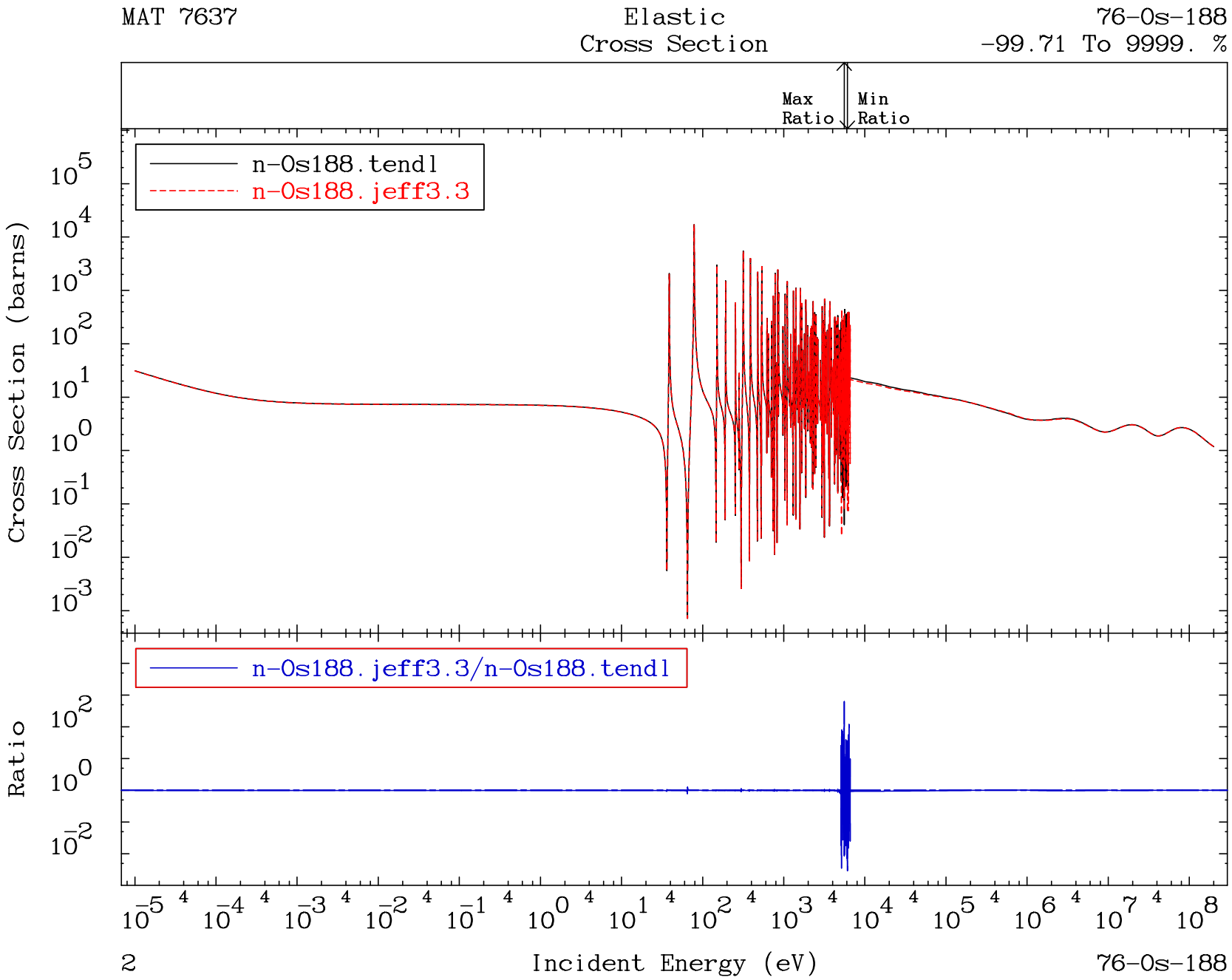
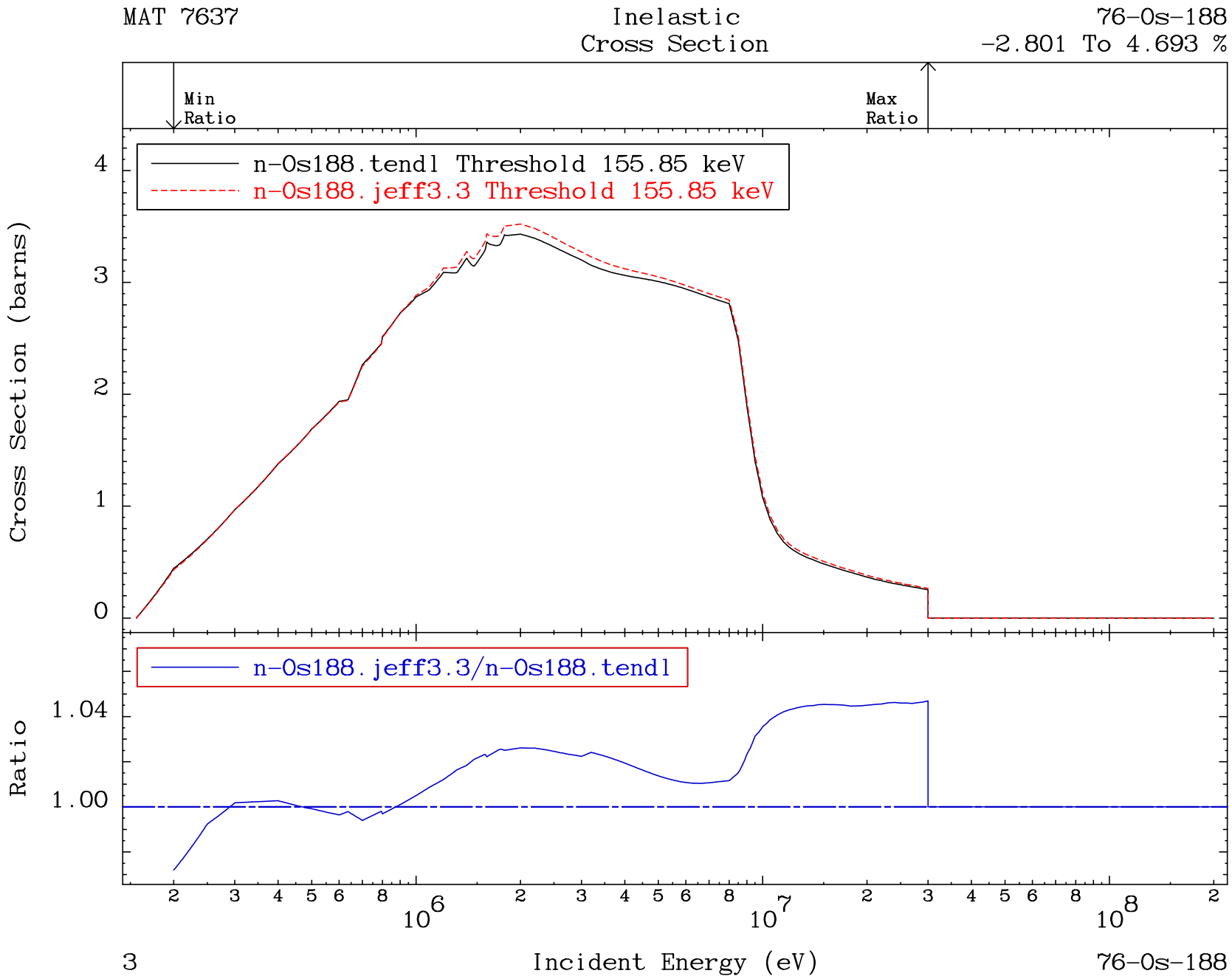
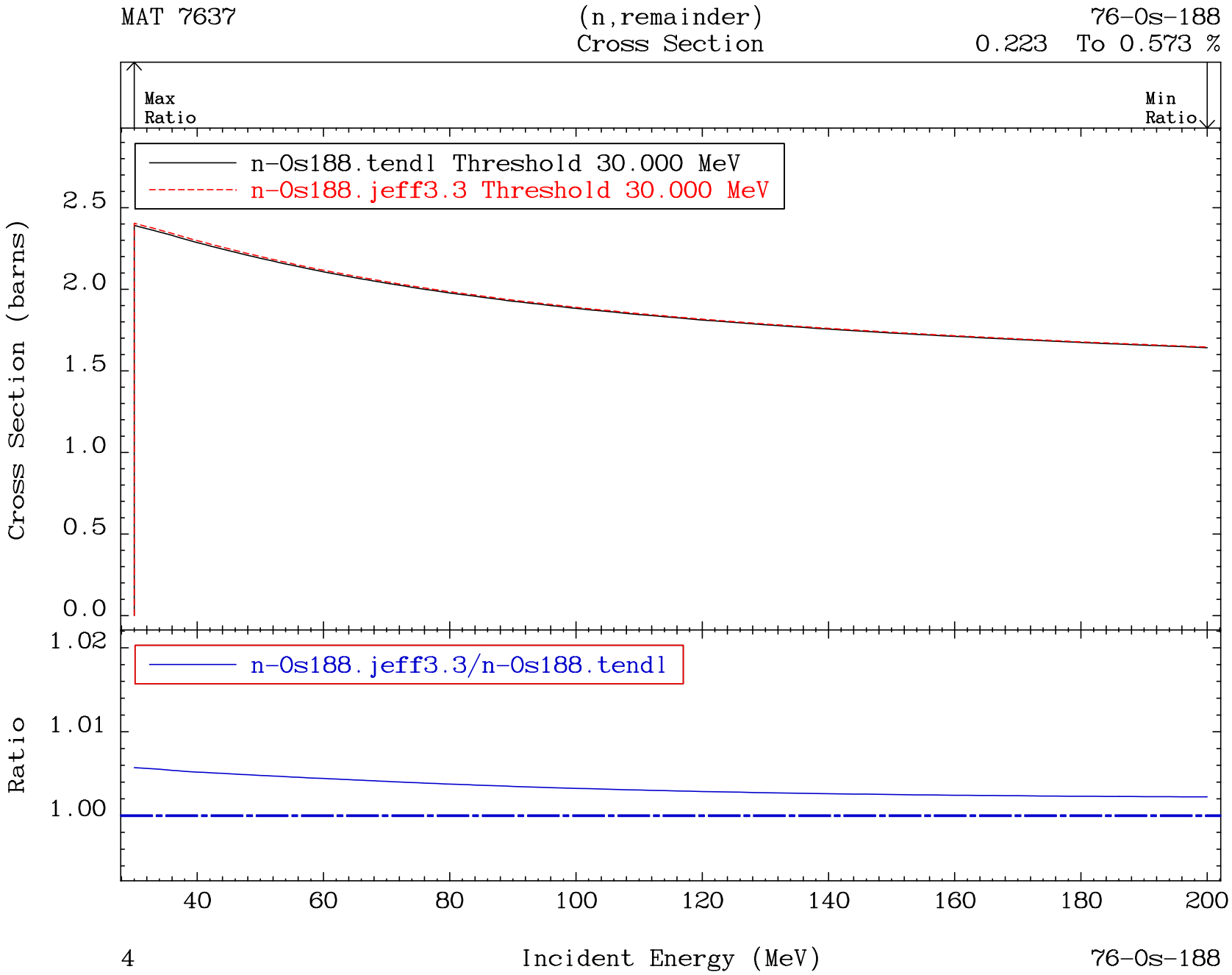
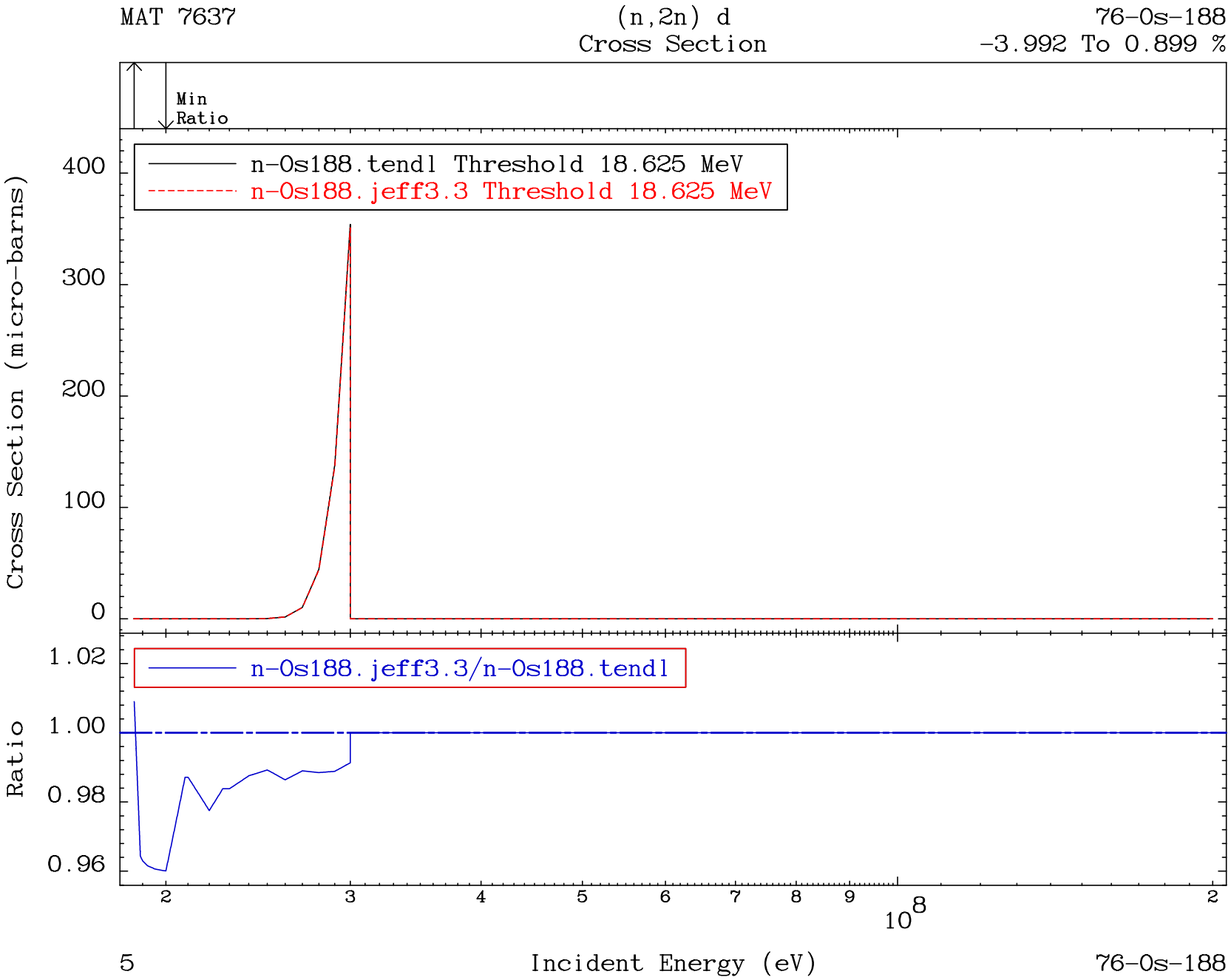
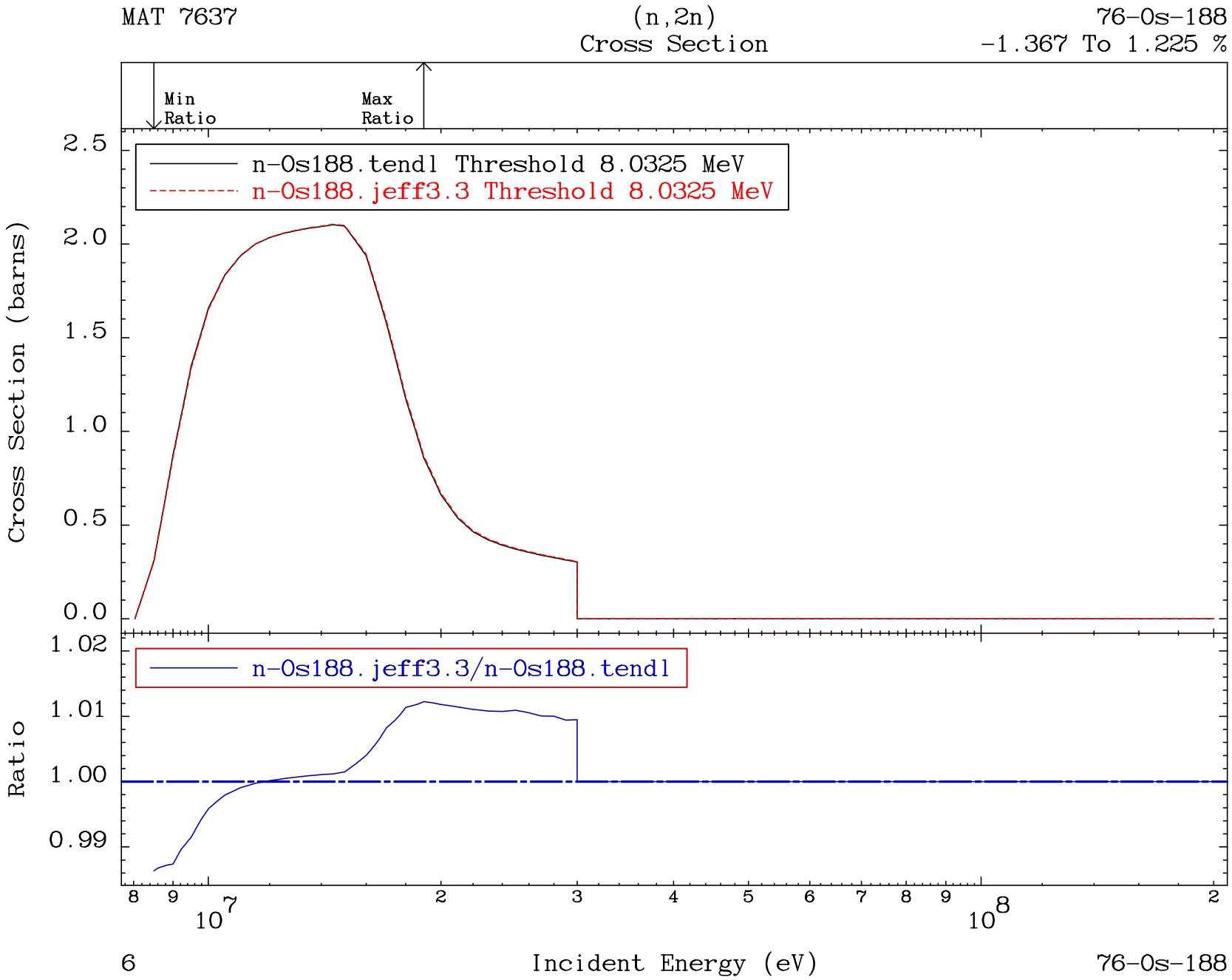

MAT 7637
Total
Cross Section
76-0s-188
-99.51 To 9999. %
Max
Ratio
Min
Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
1
76-0s-188

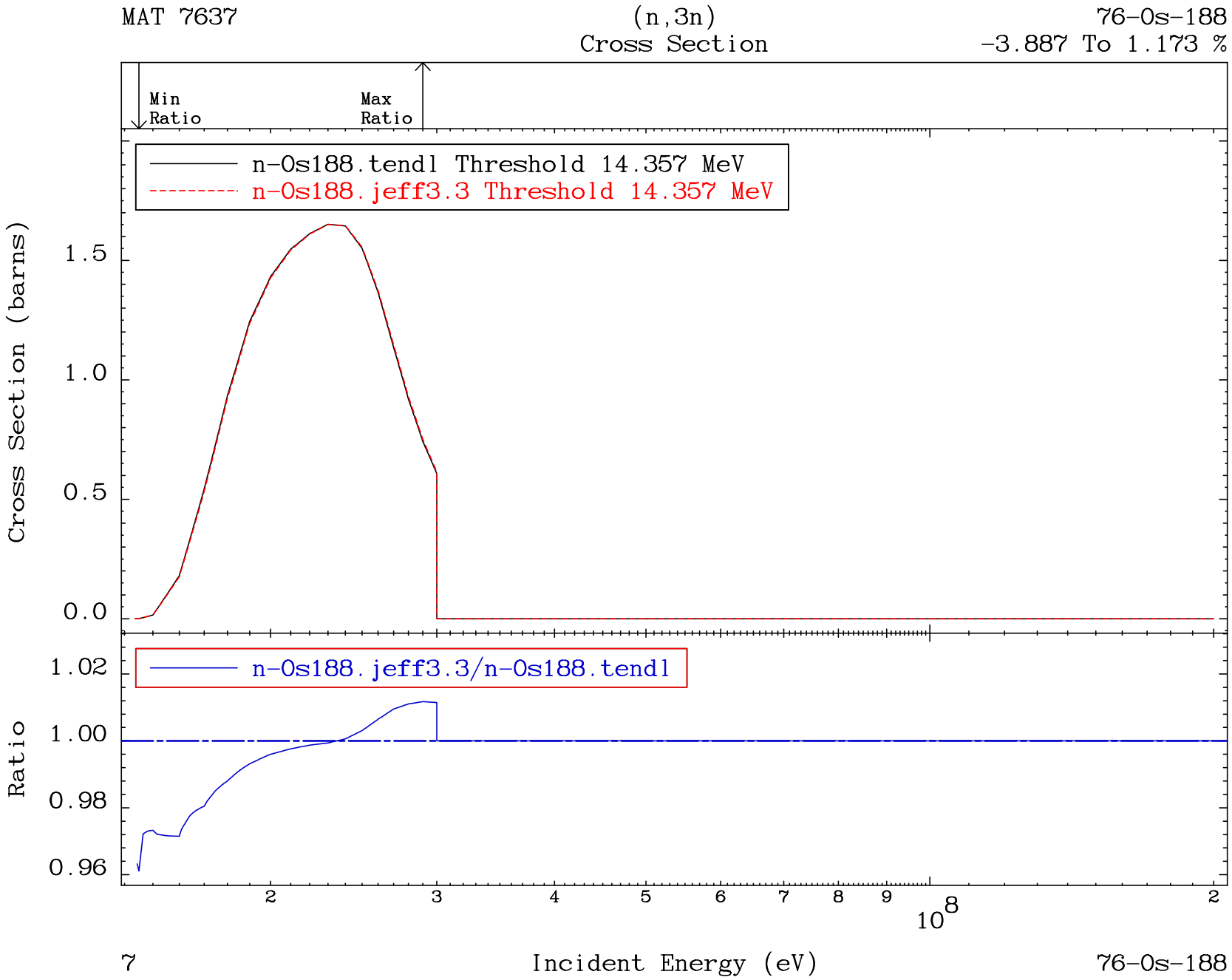

MAT 7637
Elastic
Cross Section
76-0s-188
-99.71 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
2
76-0s-188

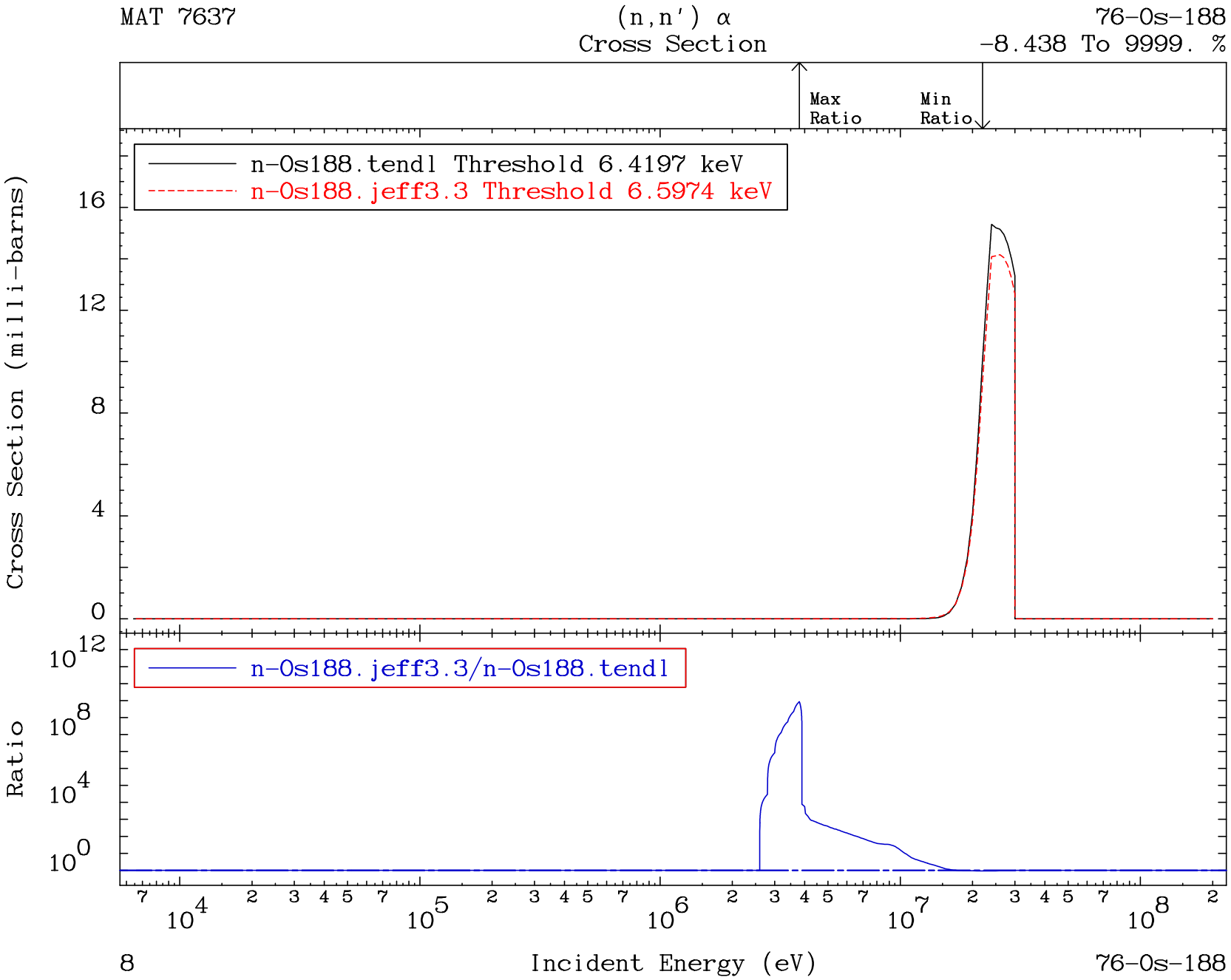

MAT 7637
Inelastic
Cross Section
76-0s-188
-2.801 To 4.693 %
Min
Ratio
Max
Ratio
n-0s188.tendl Threshold 155.85 keV
n-0s188.jeff3.3 Threshold 155.85 keV
Cross Section (barns)
0
1
2
3
4
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
1.04
2
3
4
5
6
8
10^6
10^7
10^8
Incident Energy (eV)
3
76-0s-188

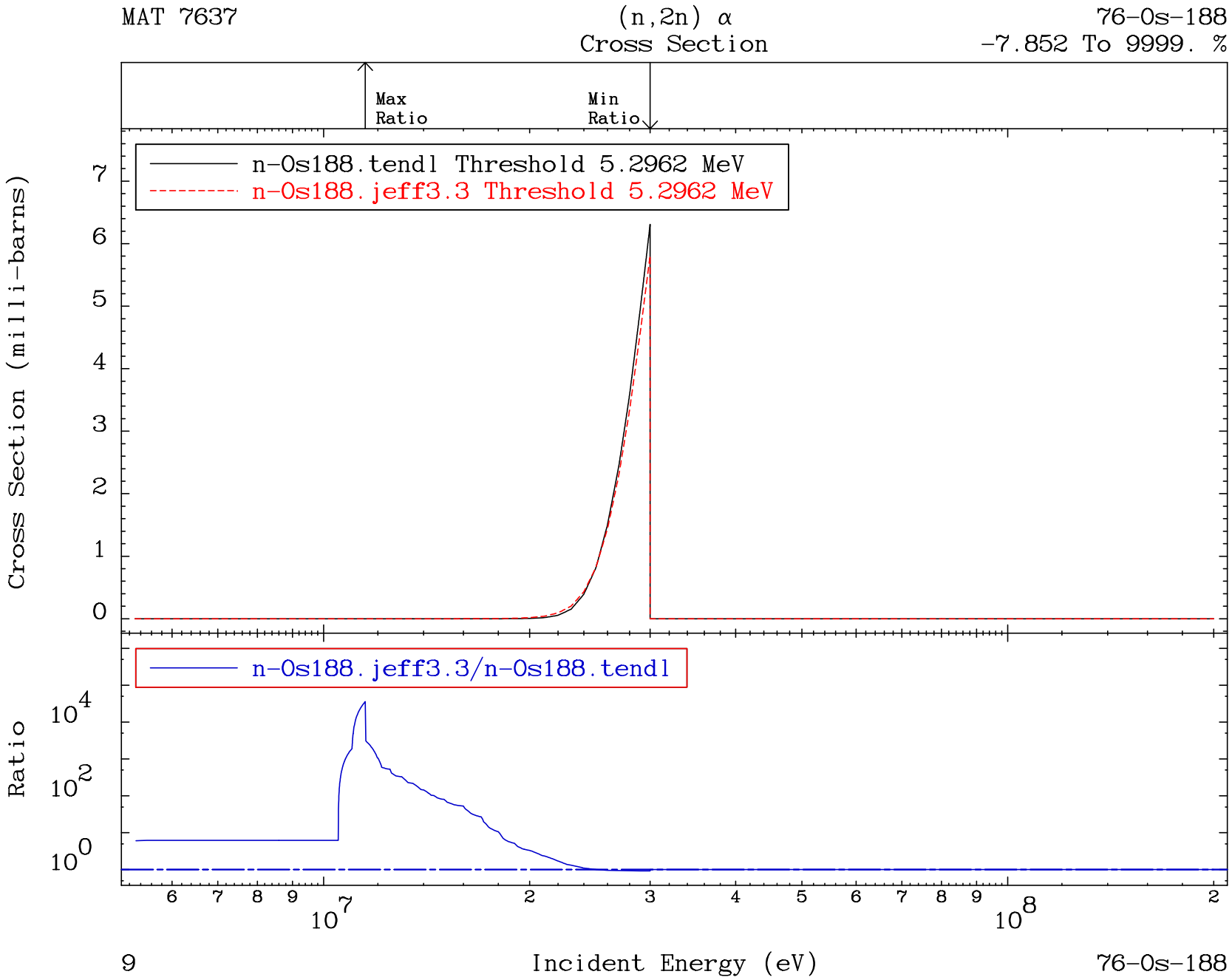

MAT 7637
(n,remainder)
Cross Section
76-0s-188
0.223 To 0.573 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 30.000 MeV
n-0s188.jeff3.3 Threshold 30.000 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
40
60
80
100
120
140
160
180
200
4
Incident Energy (MeV)
76-0s-188

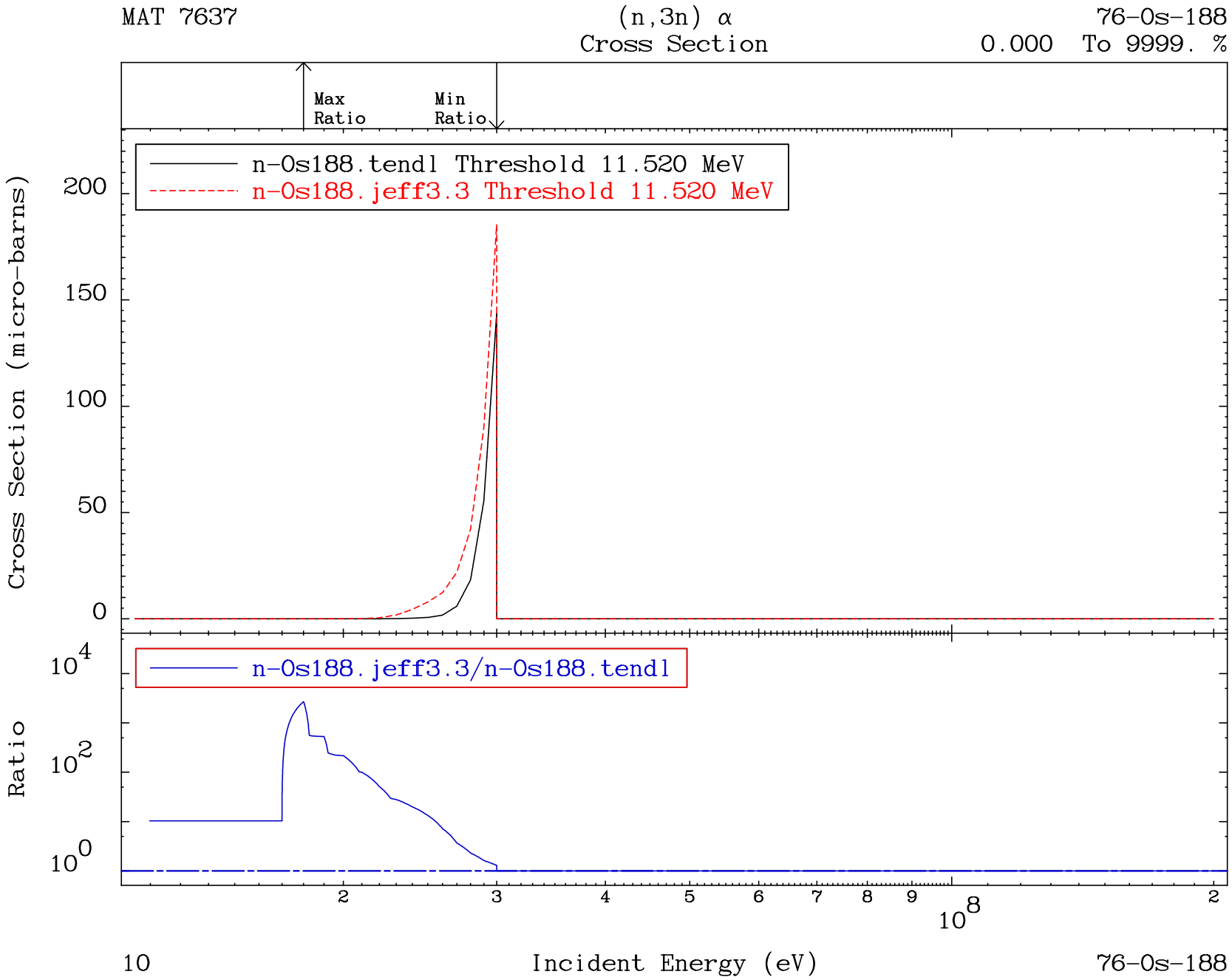

MAT 7637
(n,2n) d
Cross Section
76-0s-188
-3.992 To 0.899 %
Min
Ratio
n-0s188.tendl Threshold 18.625 MeV
n-0s188.jeff3.3 Threshold 18.625 MeV
Cross Section (micro-barns)
400
300
200
100
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.00
0.98
0.96
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
76-0s-188

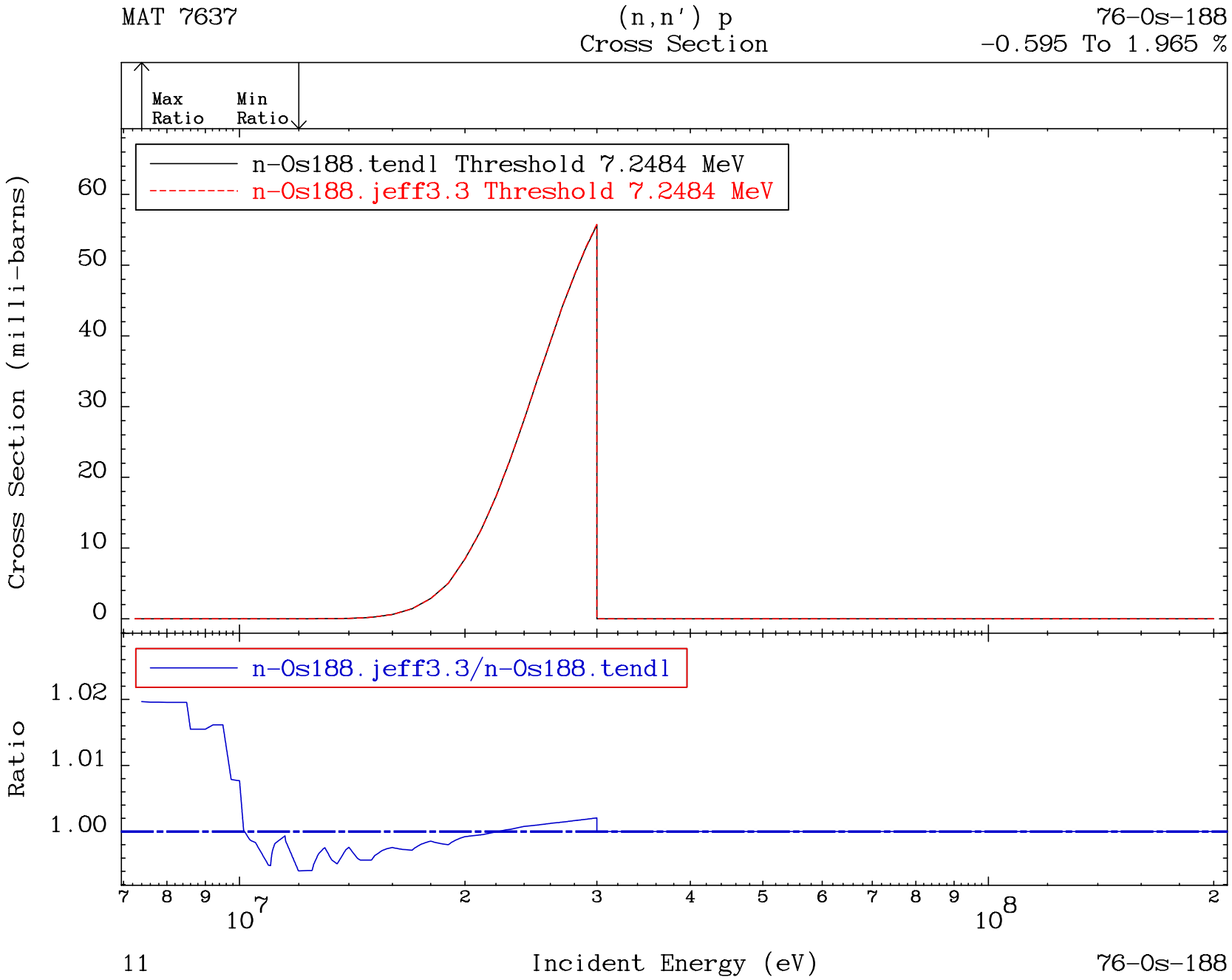

MAT 7637
(n,2n)
Cross Section
76-0s-188
-1.367 To 1.225 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 8.0325 MeV
n-0s188.jeff3.3 Threshold 8.0325 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
0.99
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
6
Incident Energy (eV)
76-0s-188

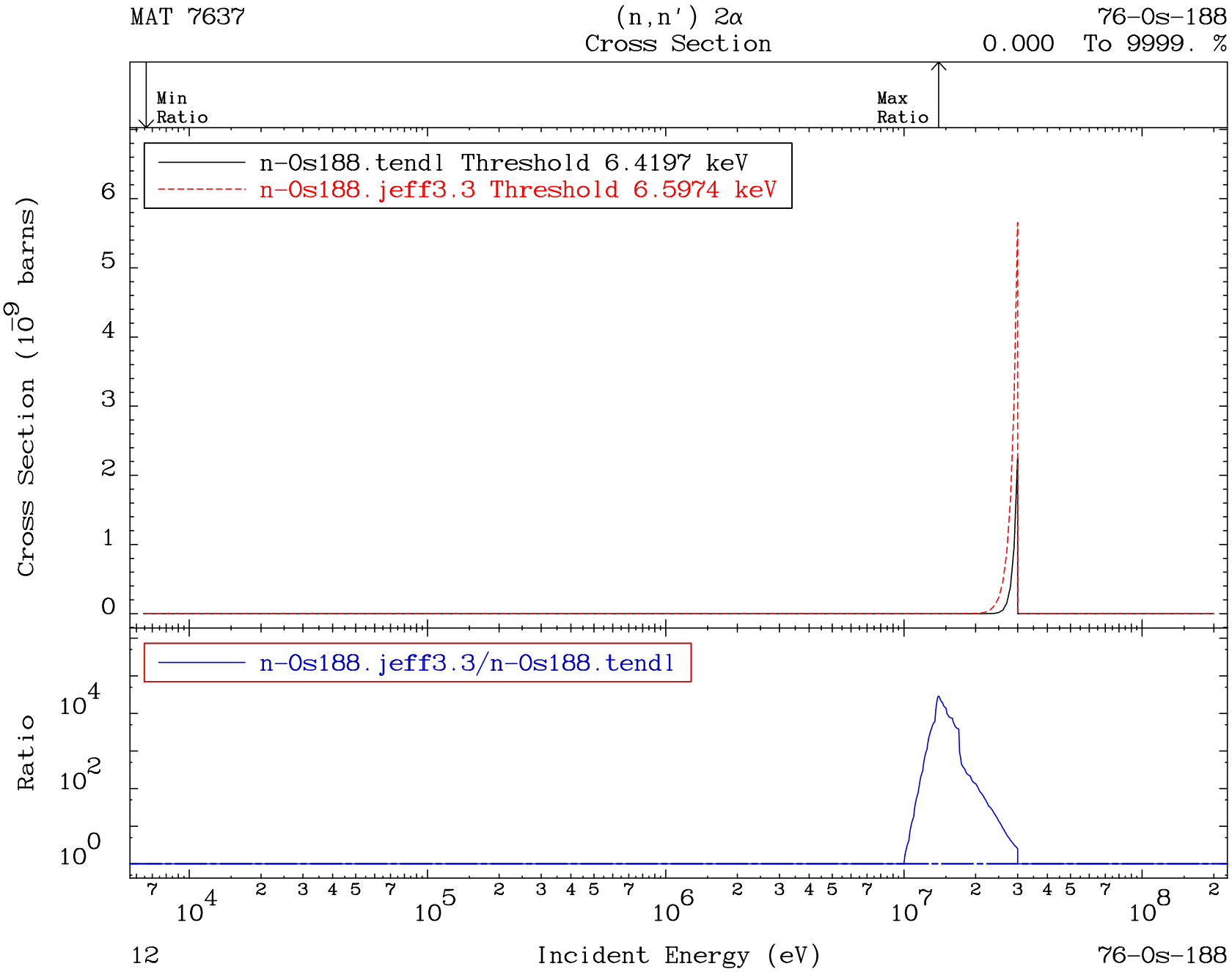

MAT 7637
(n,3n)
Cross Section
76-Os-188
-3.887 To 1.173 %
Min Ratio
Max Ratio
n-Os188.tendl Threshold 14.357 MeV
n-Os188.jeff3.3 Threshold 14.357 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
n-Os188.jeff3.3/n-Os188.tendl
Ratio
1.02
1.00
0.98
0.96
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
76-Os-188

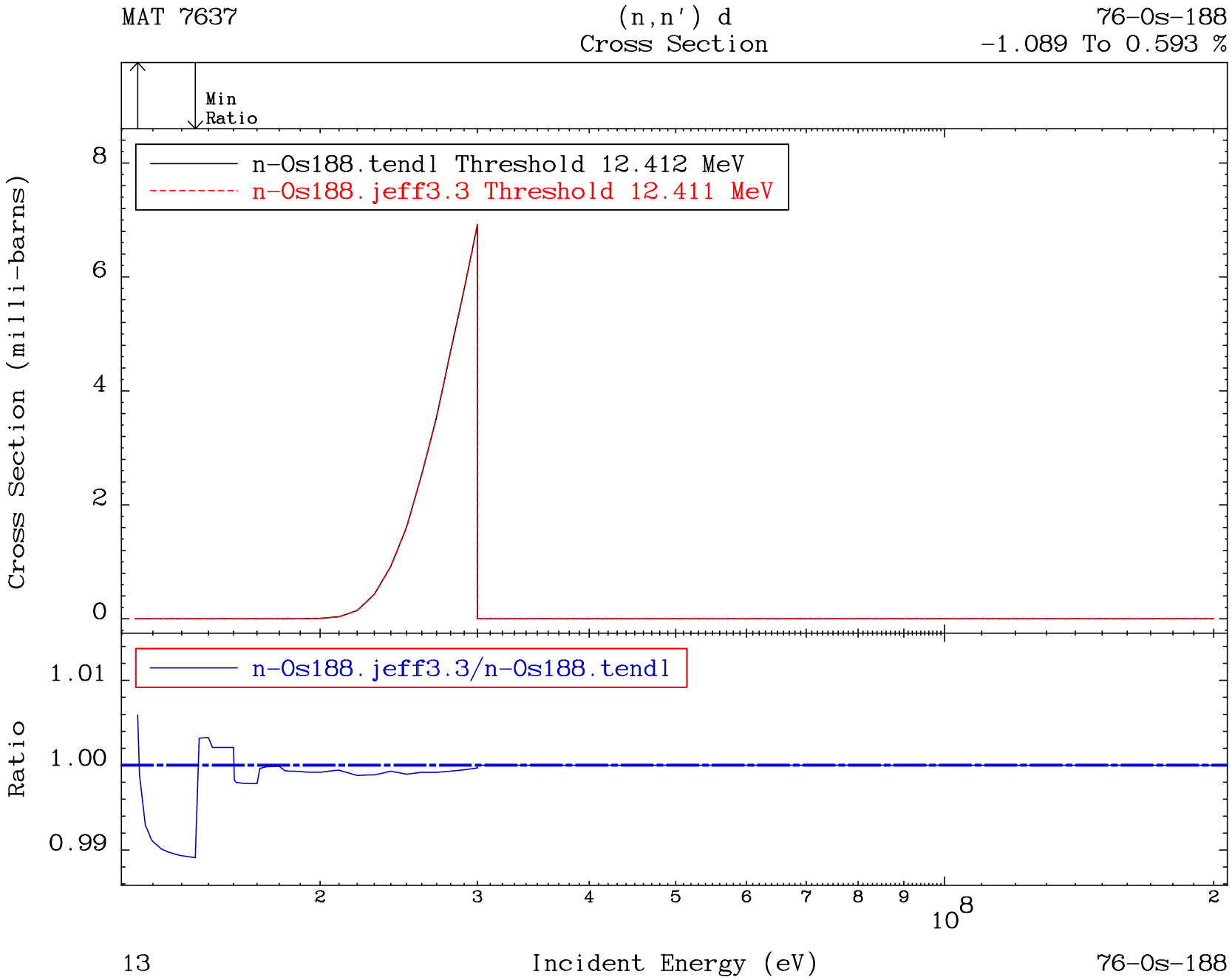

MAT 7637
(n,n') α
Cross Section
76-0s-188
-8.438 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 6.4197 keV
n-0s188.jeff3.3 Threshold 6.5974 keV
Cross Section (milli-barns)
16
12
8
4
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^12
10^8
10^4
10^0
7 2 3 4 5 7 10^4 2 3 4 5 7 10^5 2 3 4 5 7 10^6 2 3 4 5 7 10^7 2 3 4 5 7 10^8 2
8
Incident Energy (eV)
76-0s-188

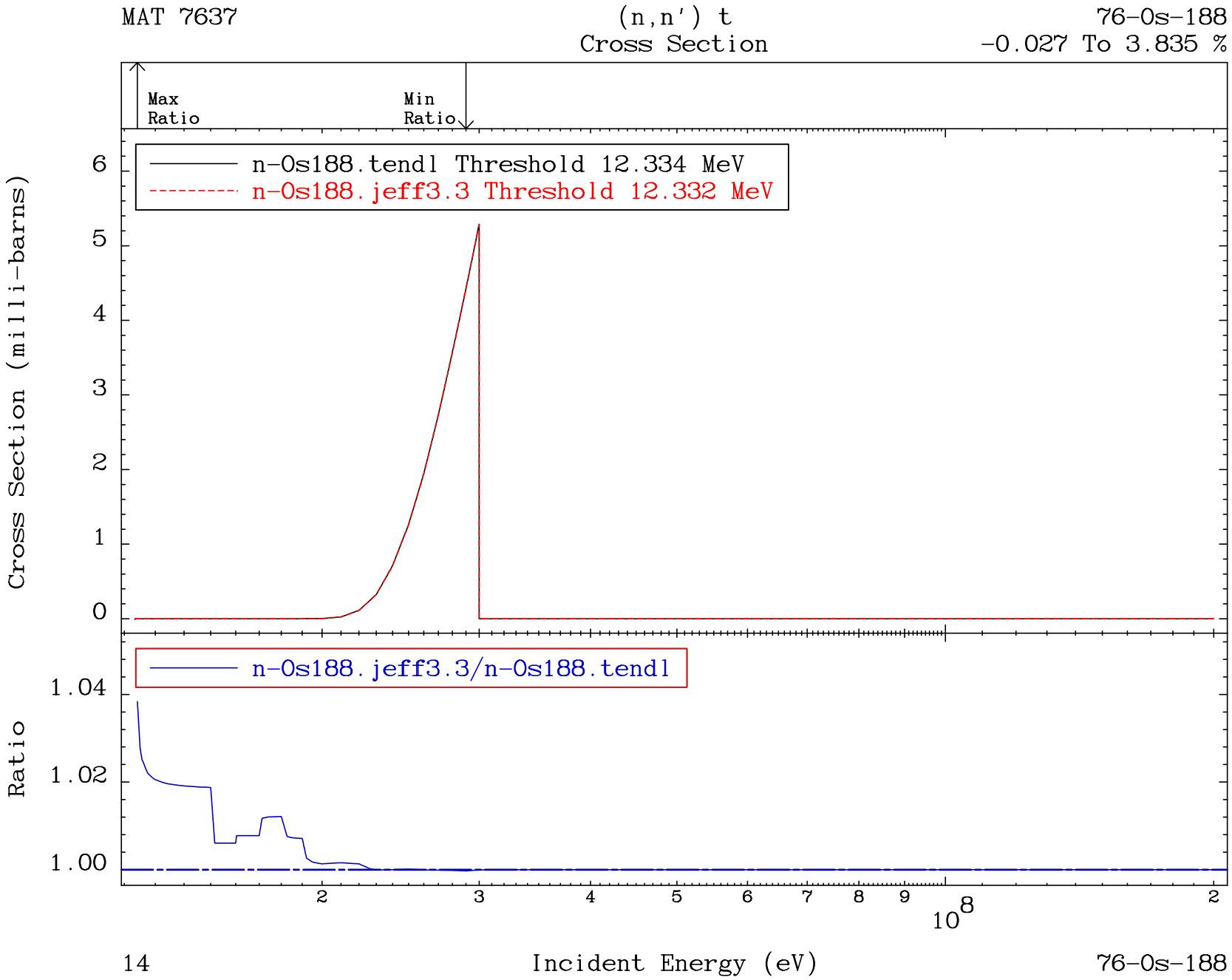

MAT 7637
(n,2n) α
Cross Section
76-0s-188
-7.852 To 9999. %
Max
Ratio
Min
Ratio
n-0s188.tendl Threshold 5.2962 MeV
n-0s188.jeff3.3 Threshold 5.2962 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
7
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^4
10^2
10^0
6 7 8 9
10^7
2
3
4
5
6 7 8 9
10^8
2
9
Incident Energy (eV)
76-0s-188

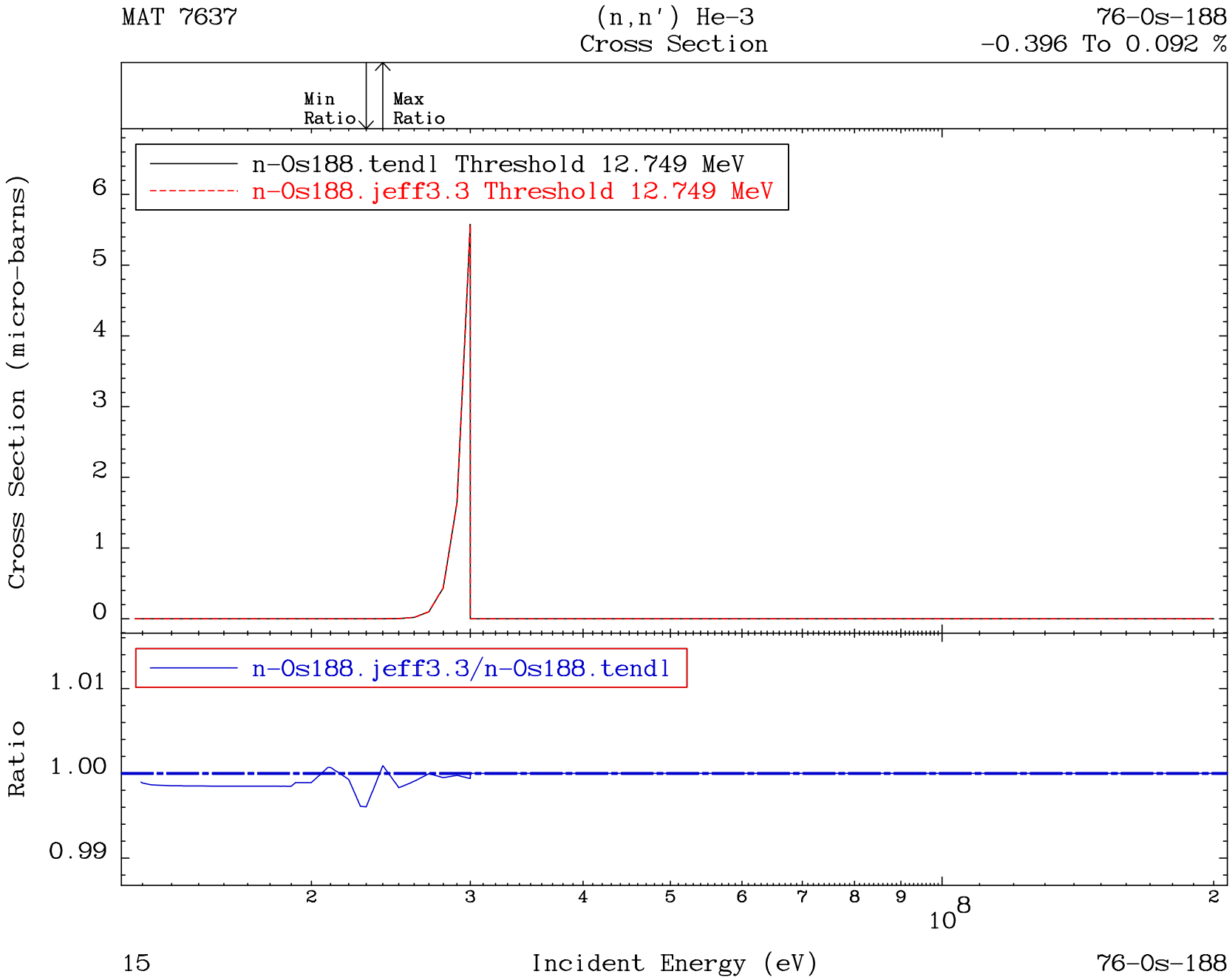

MAT 7637
(n,3n) α
Cross Section
76-0s-188
0.000 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 11.520 MeV
n-0s188.jeff3.3 Threshold 11.520 MeV
Cross Section (micro-barns)
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^4
10^2
10^0
2
3
4
5
6
7
8
9
10^8
2
10
Incident Energy (eV)
76-0s-188

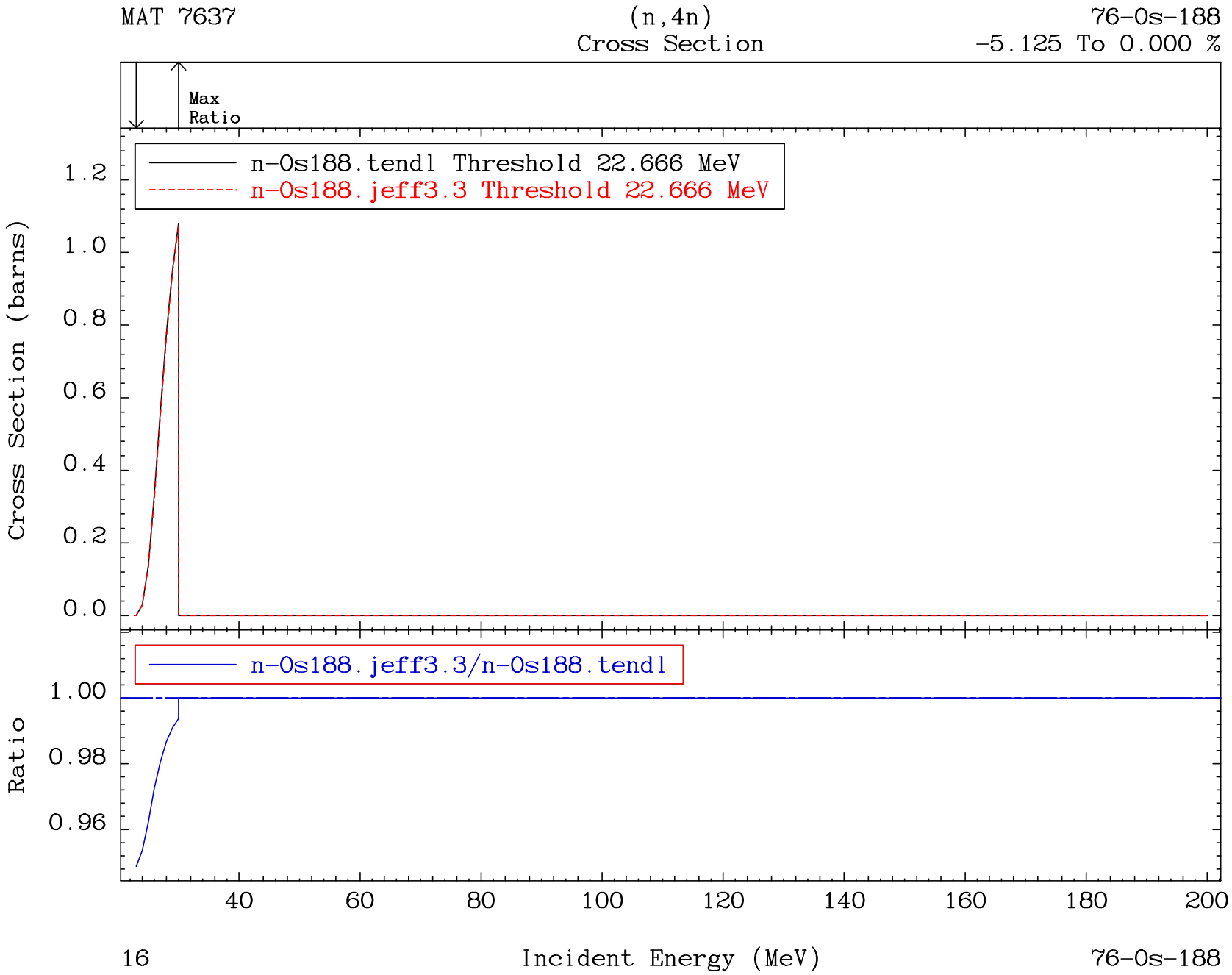

MAT 7637
(n,n') p
Cross Section
76-0s-188
-0.595 To 1.965 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 7.2484 MeV
n-0s188.jeff3.3 Threshold 7.2484 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
11
Incident Energy (eV)
76-0s-188

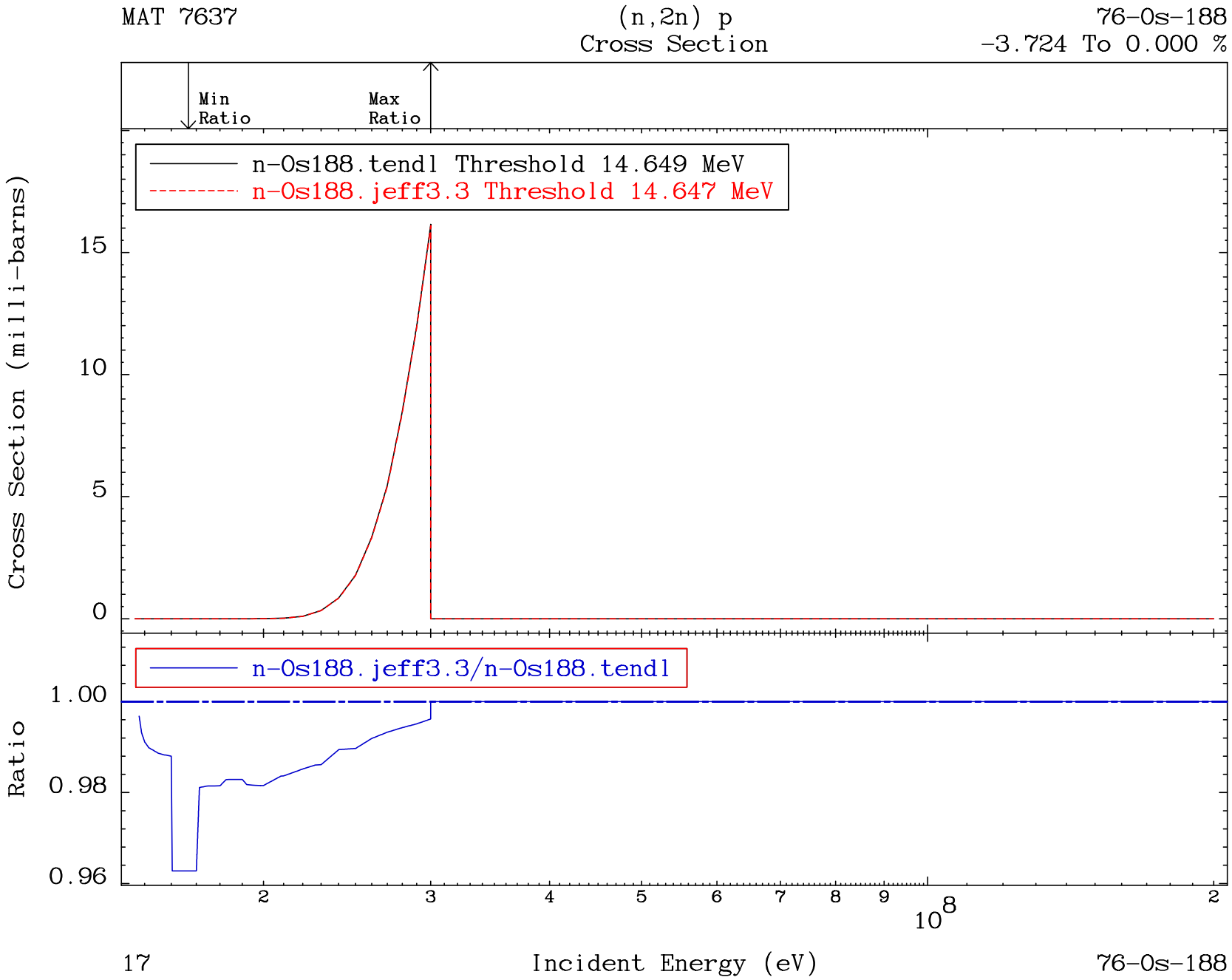

MAT 7637
(n,n') 2α
Cross Section
76-0s-188
0.000 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 6.4197 keV
n-0s188.jeff3.3 Threshold 6.5974 keV
Cross Section (10^-9 barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
12
76-0s-188

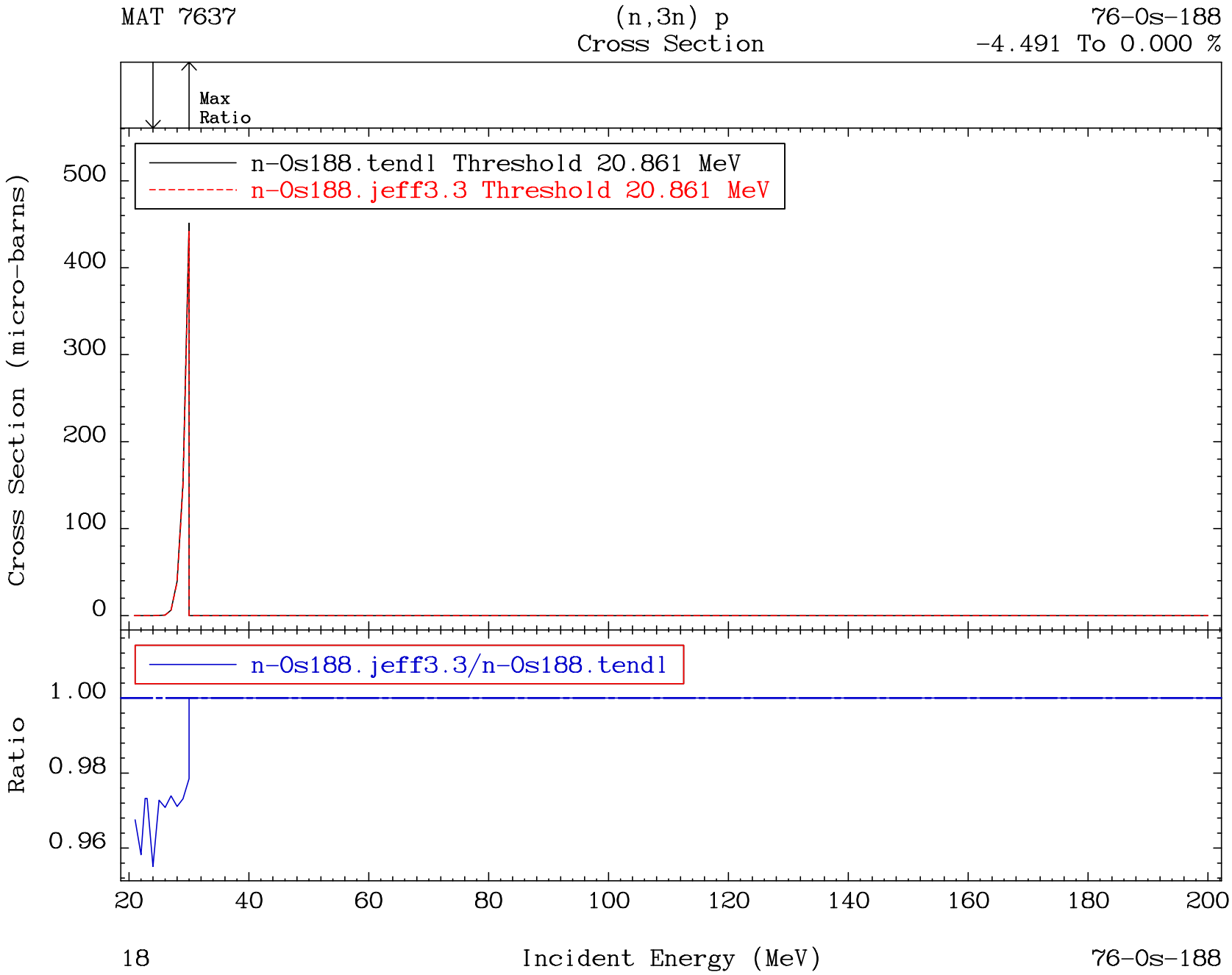

MAT 7637
(n,n') d
Cross Section
76-0s-188
-1.089 To 0.593 %
Min
Ratio
n-0s188.tendl Threshold 12.412 MeV
n-0s188.jeff3.3 Threshold 12.411 MeV
Cross Section (milli-barns)
8
6
4
2
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.01
1.00
0.99
2
3
4
5
6
7
8
9
10^8
2
13
Incident Energy (eV)
76-0s-188

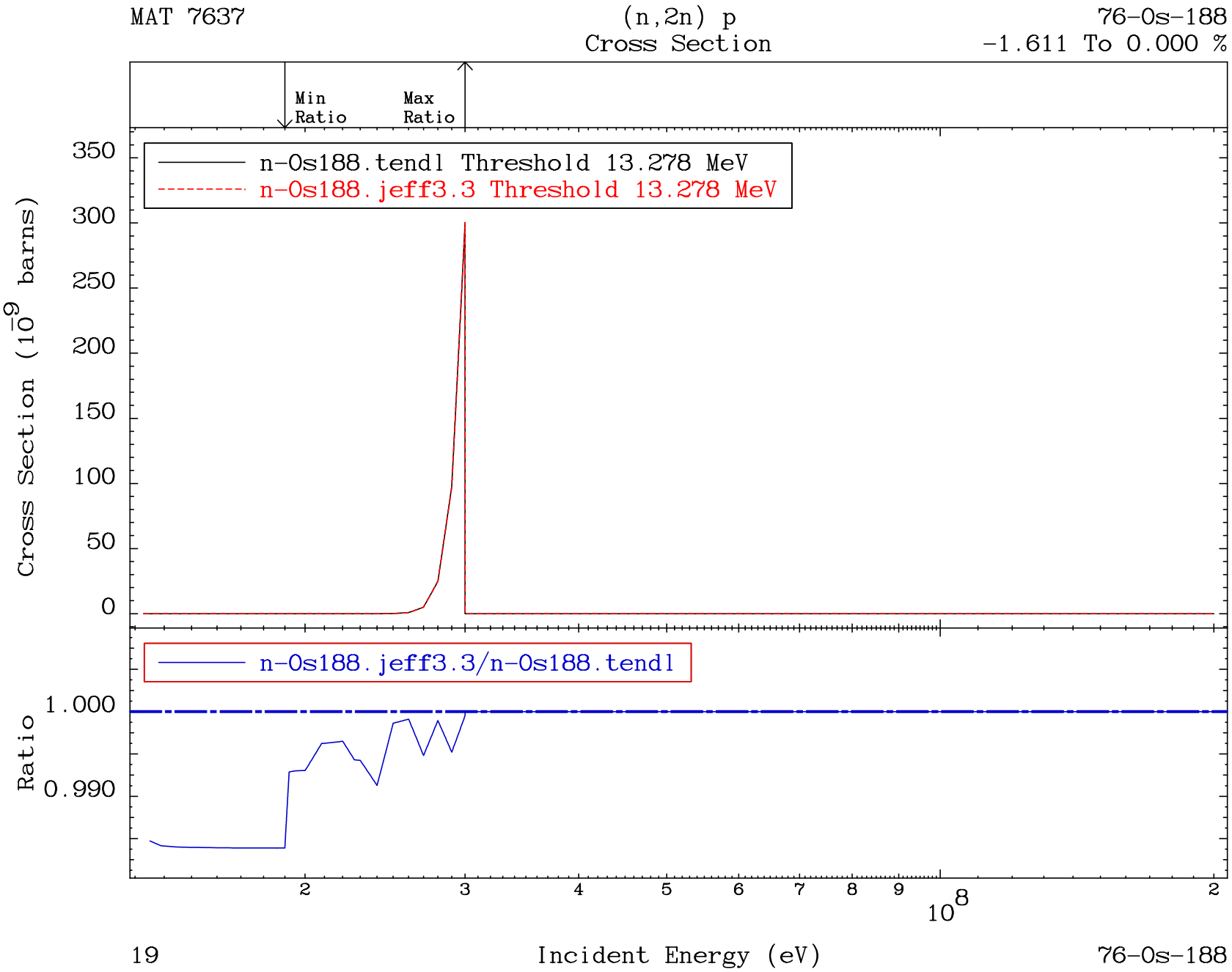

MAT 7637
(n,n') t
Cross Section
76-0s-188
-0.027 To 3.835 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 12.334 MeV
n-0s188.jeff3.3 Threshold 12.332 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
1.02
1.04
2
3
4
5
6
7
8
9
10^8
2
14
Incident Energy (eV)
76-0s-188

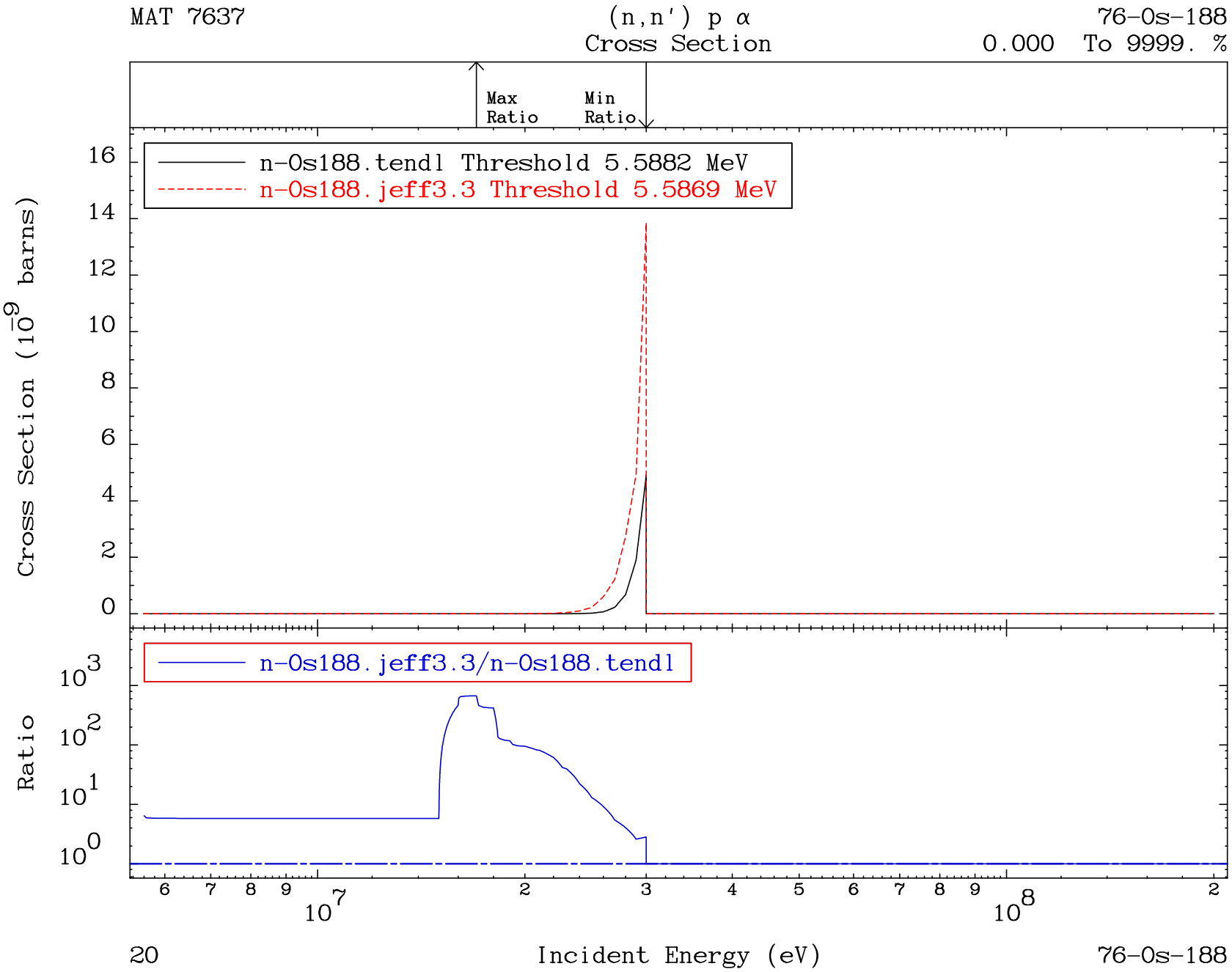

MAT 7637
(n,n') He-3
Cross Section
76-0s-188
-0.396 To 0.092 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 12.749 MeV
n-0s188.jeff3.3 Threshold 12.749 MeV
Cross Section (micro-barns)
0
1
2
3
4
5
6
n-0s188.jeff3.3/n-0s188.tendl
Ratio
0.99
1.00
1.01
2
3
4
5
6
7
8
9
10^8
2
15
Incident Energy (eV)
76-0s-188

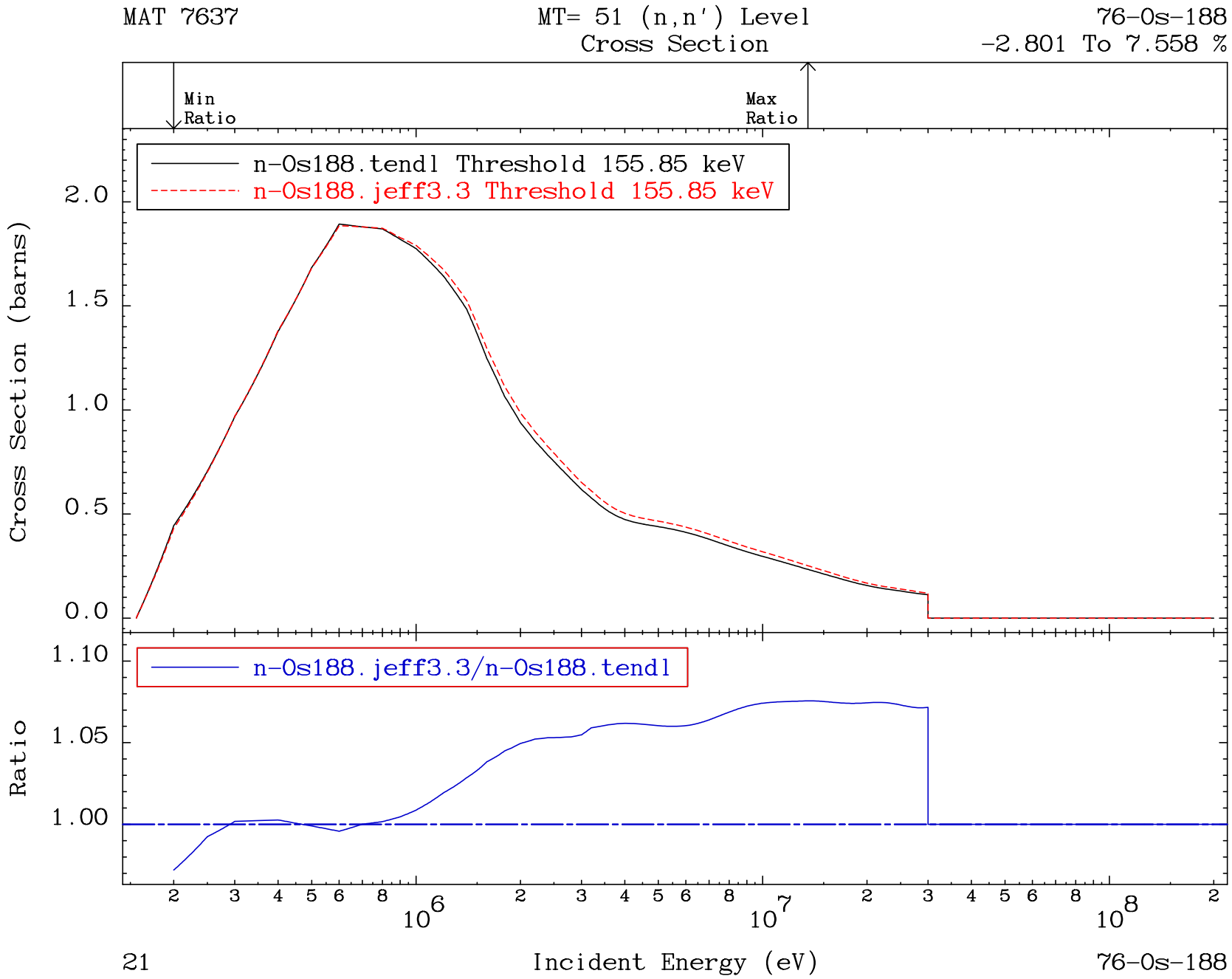

MAT 7637
(n,4n)
Cross Section
76-Os-188
-5.125 To 0.000 %
Max
Ratio
n-Os188.tendl Threshold 22.666 MeV
n-Os188.jeff3.3 Threshold 22.666 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-Os188.jeff3.3/n-Os188.tendl
Ratio
1.00
0.98
0.96
40
60
80
100
120
140
160
180
200
16
Incident Energy (MeV)
76-Os-188

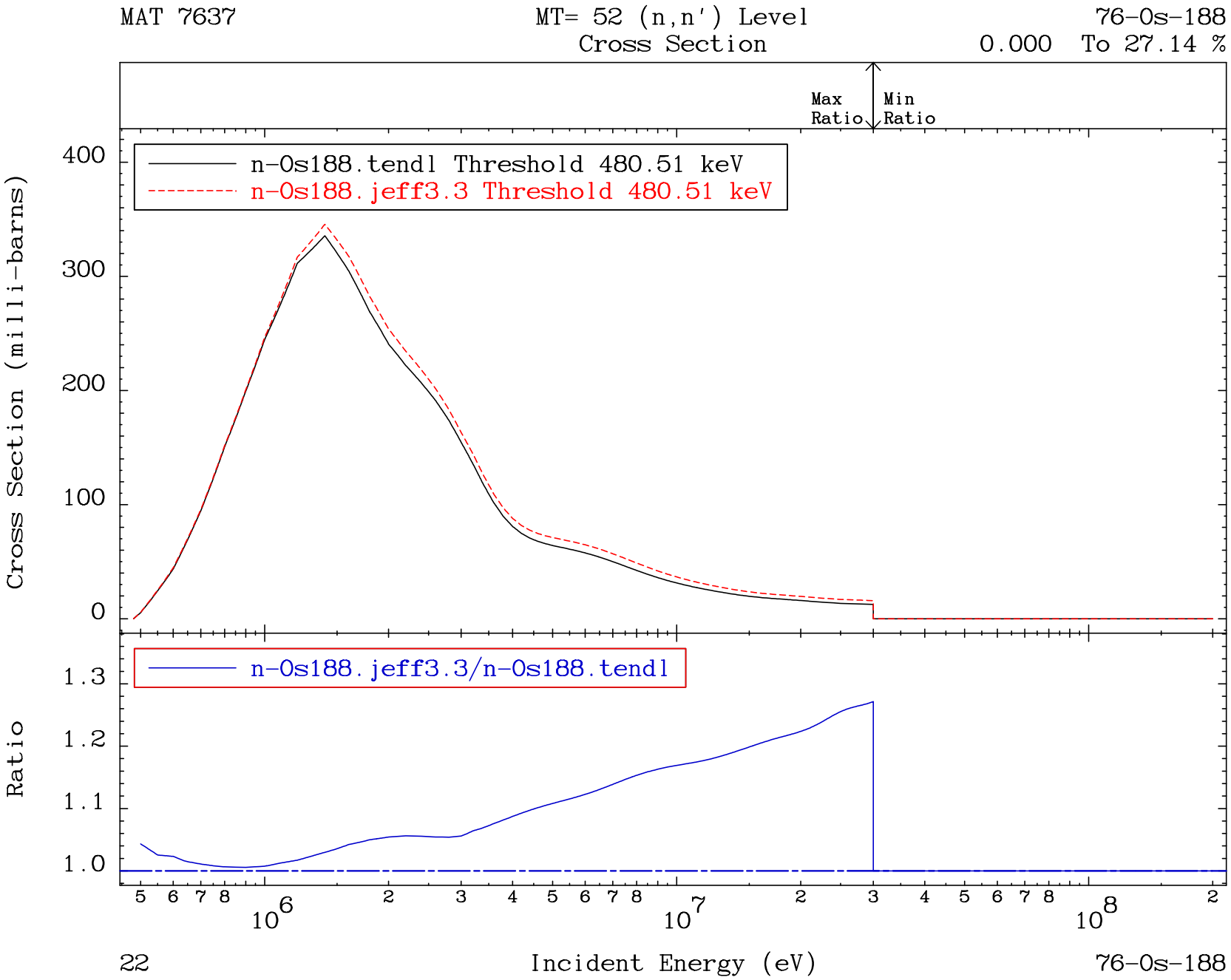

MAT 7637
(n,2n) p
Cross Section
76-0s-188
-3.724 To 0.000 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 14.649 MeV
n-0s188.jeff3.3 Threshold 14.647 MeV
Cross Section (milli-barns)
15
10
5
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
0.98
0.96
2
3
4
5
6
7
8
9
10^8
2
17
Incident Energy (eV)
76-0s-188

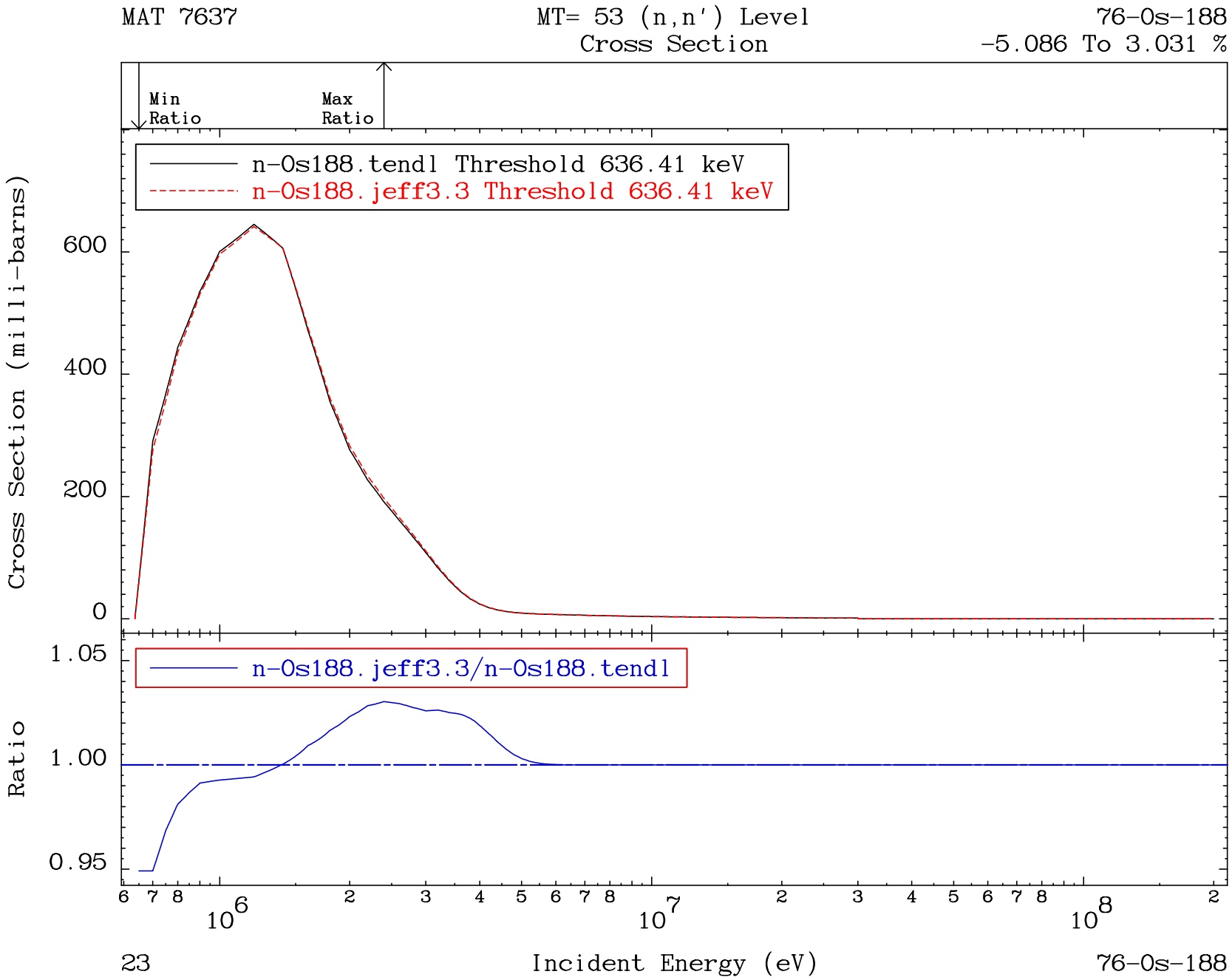

MAT 7637
(n,3n) p
Cross Section
76-0s-188
-4.491 To 0.000 %
Max
Ratio
n-0s188.tendl Threshold 20.861 MeV
n-0s188.jeff3.3 Threshold 20.861 MeV
Cross Section (micro-barns)
500
400
300
200
100
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
0.98
0.96
20
40
60
80
100
120
140
160
180
200
18
Incident Energy (MeV)
76-0s-188

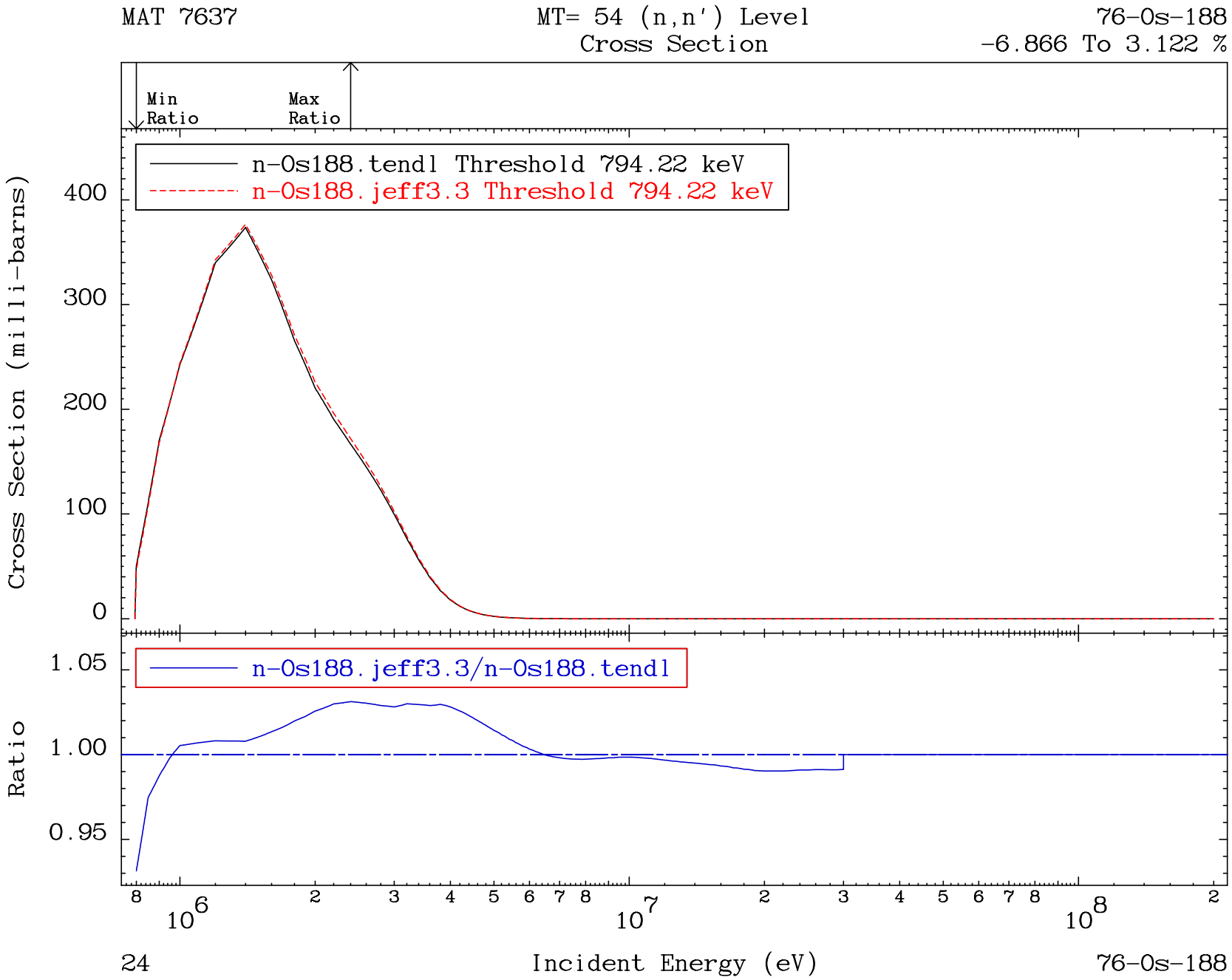

MAT 7637
(n,2n) p
Cross Section
76-0s-188
-1.611 To 0.000 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 13.278 MeV
n-0s188.jeff3.3 Threshold 13.278 MeV
Cross Section (10^{-9} barns)
350
300
250
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.000
0.990
2
3
4
5
6
7
8
9
10^{8}
2
19
Incident Energy (eV)
76-0s-188

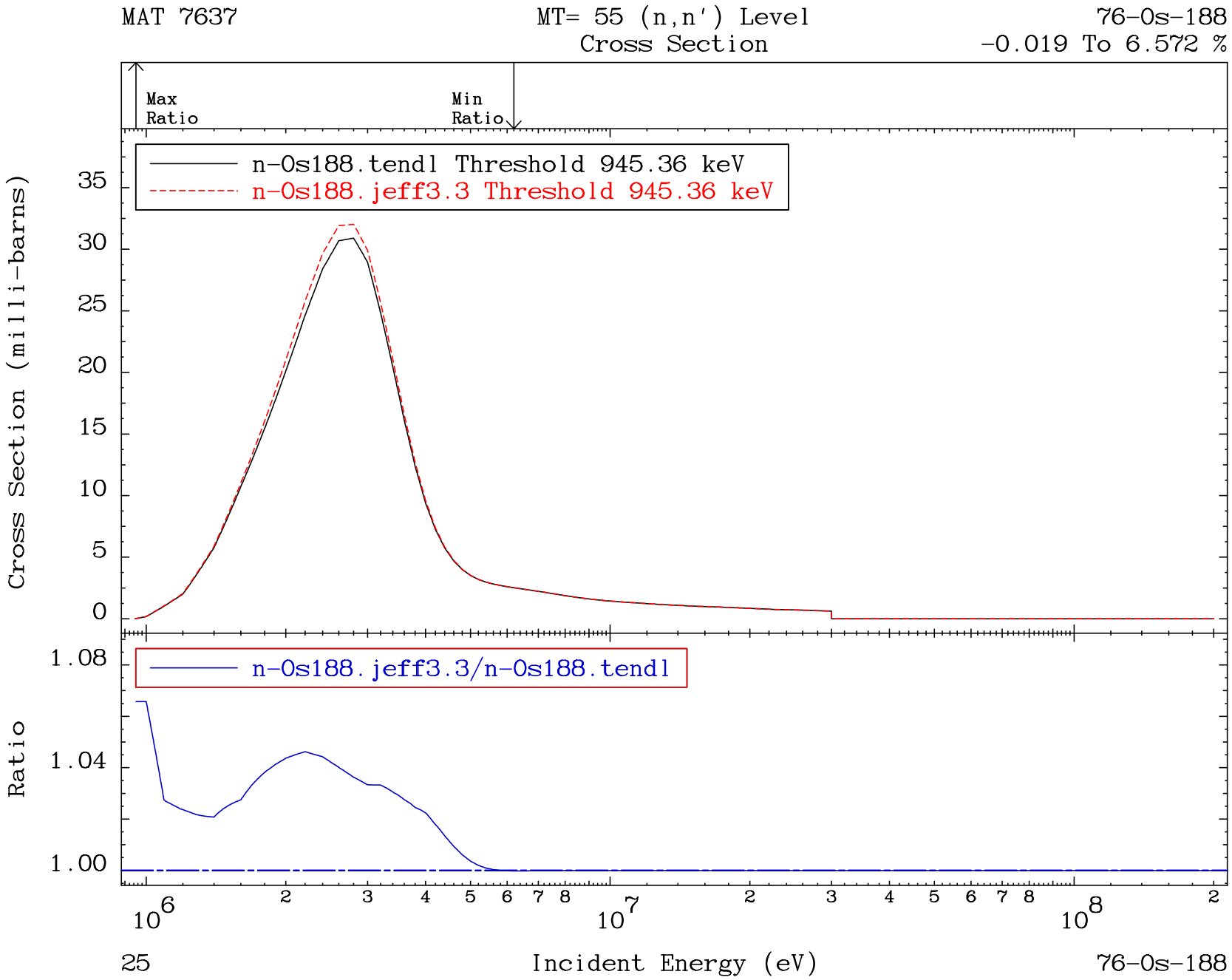

MAT 7637
(n,n') p α
Cross Section
76-0s-188
0.000 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 5.5882 MeV
n-0s188.jeff3.3 Threshold 5.5869 MeV
Cross Section (10^-9 barns)
16
14
12
10
8
6
4
2
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^3
10^2
10^1
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
20
Incident Energy (eV)
76-0s-188

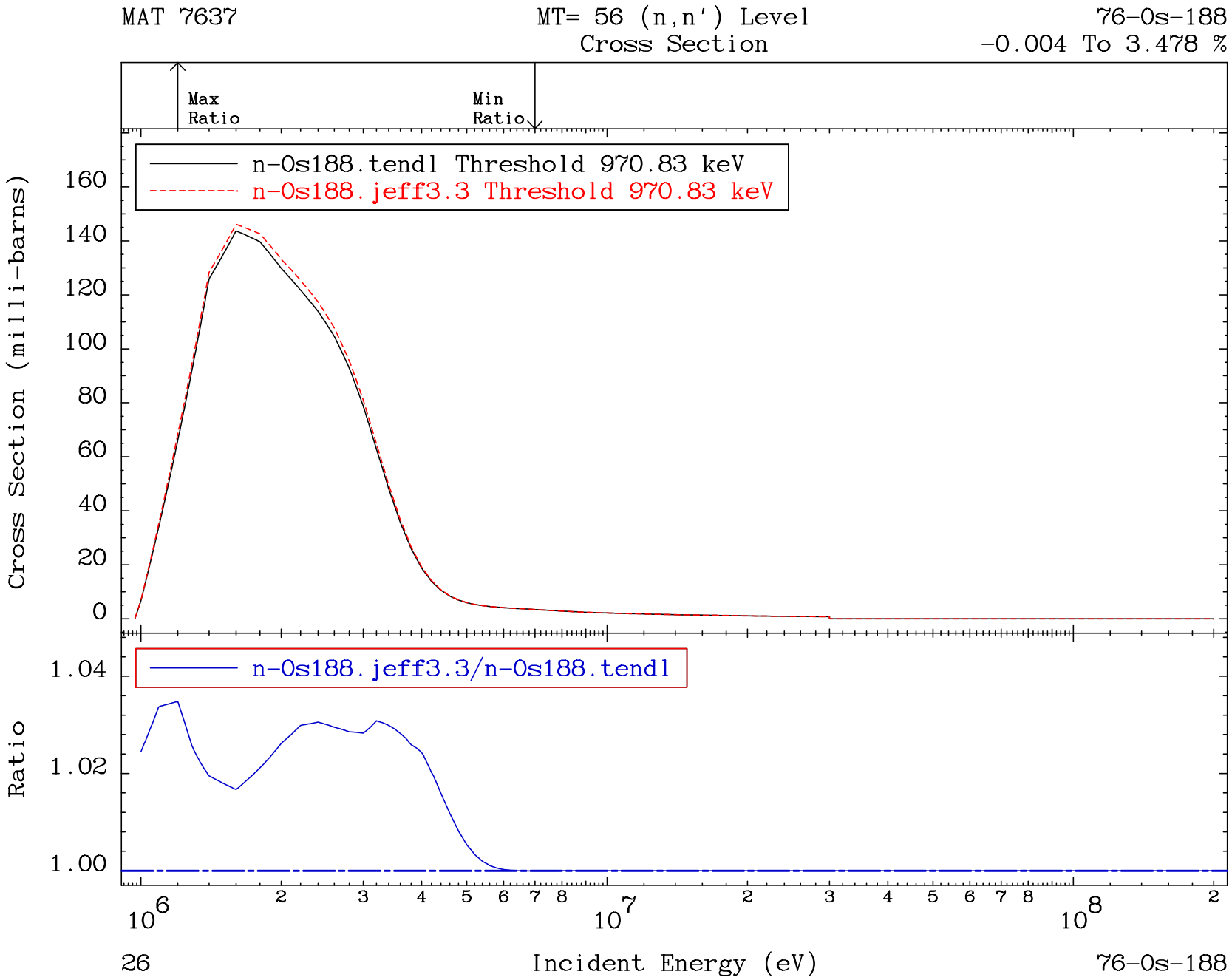

MAT 7637
MT= 51 (n,n') Level
Cross Section
76-0s-188
-2.801 To 7.558 %
Min
Ratio
Max
Ratio
n-0s188.tendl Threshold 155.85 keV
n-0s188.jeff3.3 Threshold 155.85 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.10
1.05
1.00
2
3
4
5
6
8
10^6
10^7
10^8
21
Incident Energy (eV)
76-0s-188

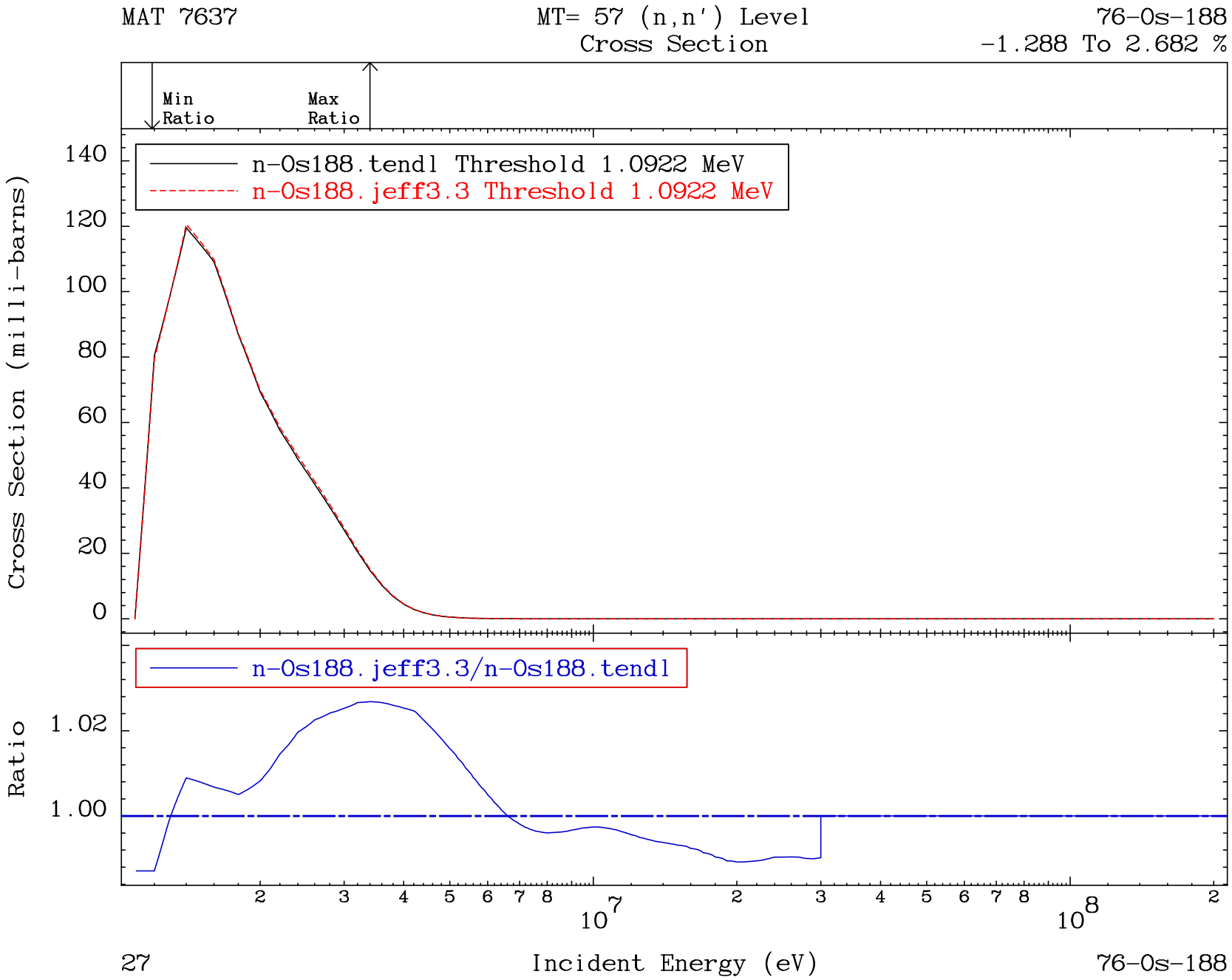

MAT 7637
MT= 52 (n,n') Level
Cross Section
76-0s-188
0.000 To 27.14 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 480.51 keV
n-0s188.jeff3.3 Threshold 480.51 keV
Cross Section (milli-barns)
400
300
200
100
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.3
1.2
1.1
1.0
5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
22
Incident Energy (eV)
76-0s-188

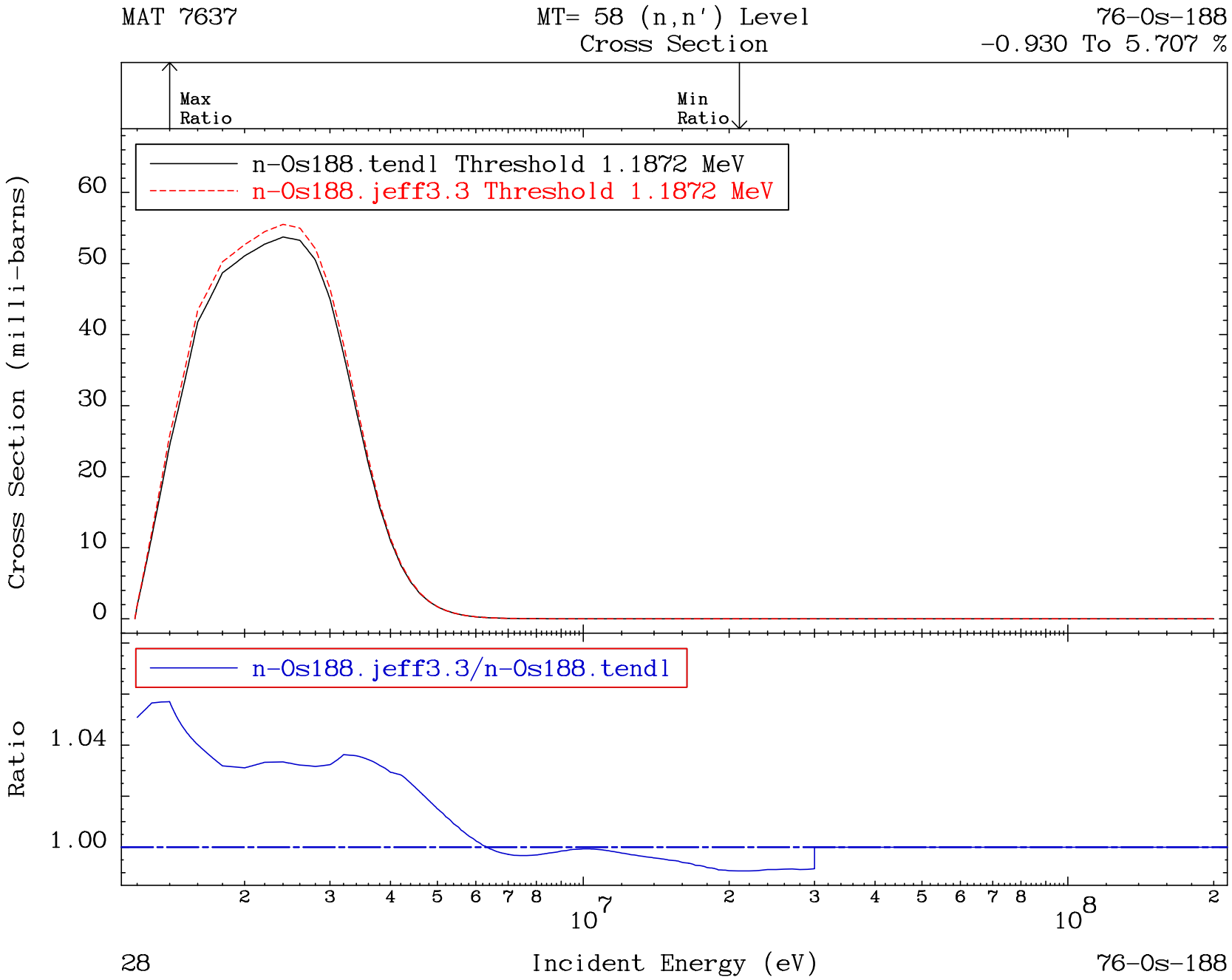

MAT 7637
MT= 53 (n,n') Level
Cross Section
76-0s-188
-5.086 To 3.031 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 636.41 keV
n-0s188.jeff3.3 Threshold 636.41 keV
Cross Section (milli-barns)
600
400
200
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
0.95
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
76-0s-188

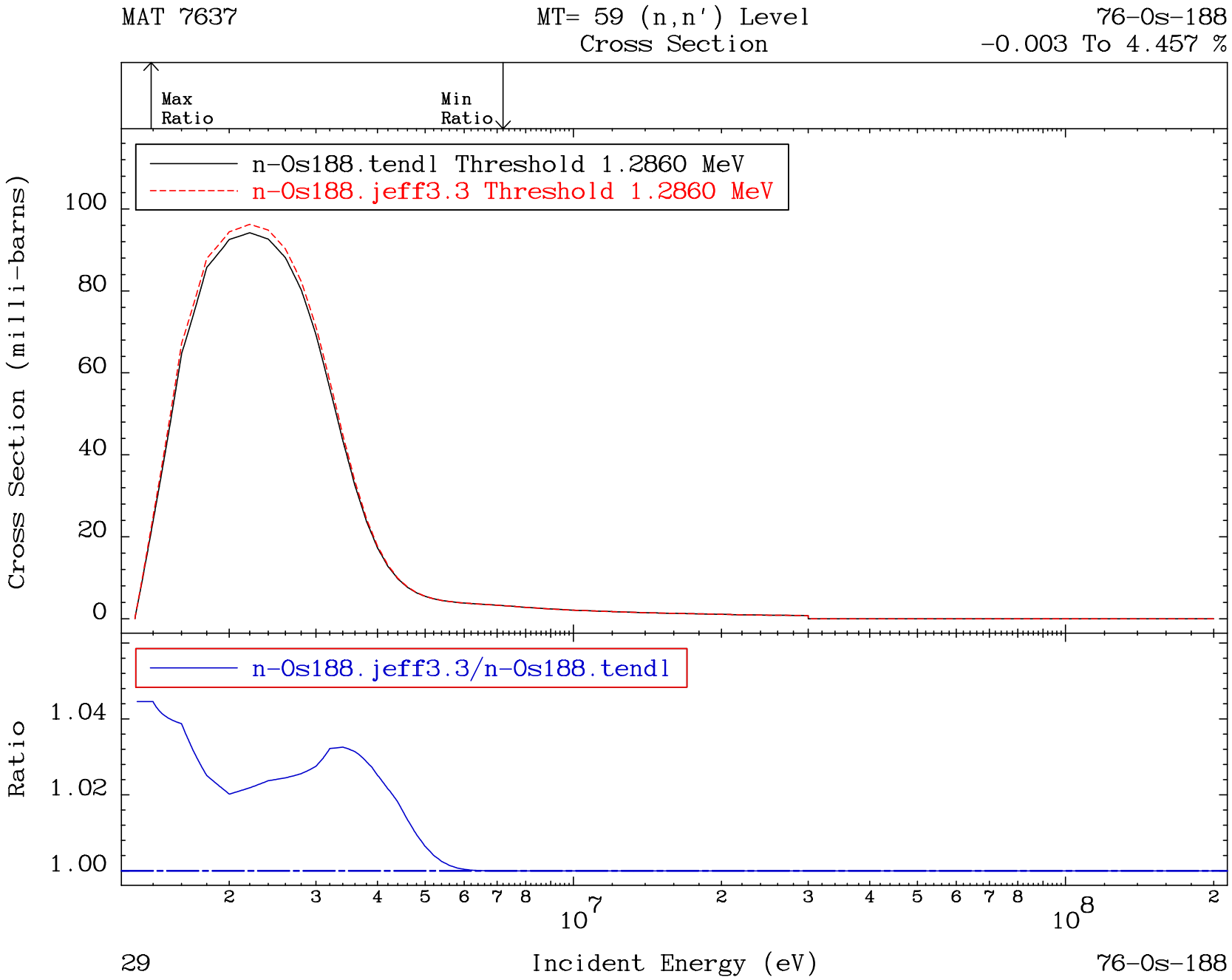

MAT 7637
MT= 54 (n,n') Level
Cross Section
76-0s-188
-6.866 To 3.122 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 794.22 keV
n-0s188.jeff3.3 Threshold 794.22 keV
Cross Section (milli-barns)
400
300
200
100
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
0.95
8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
76-0s-188

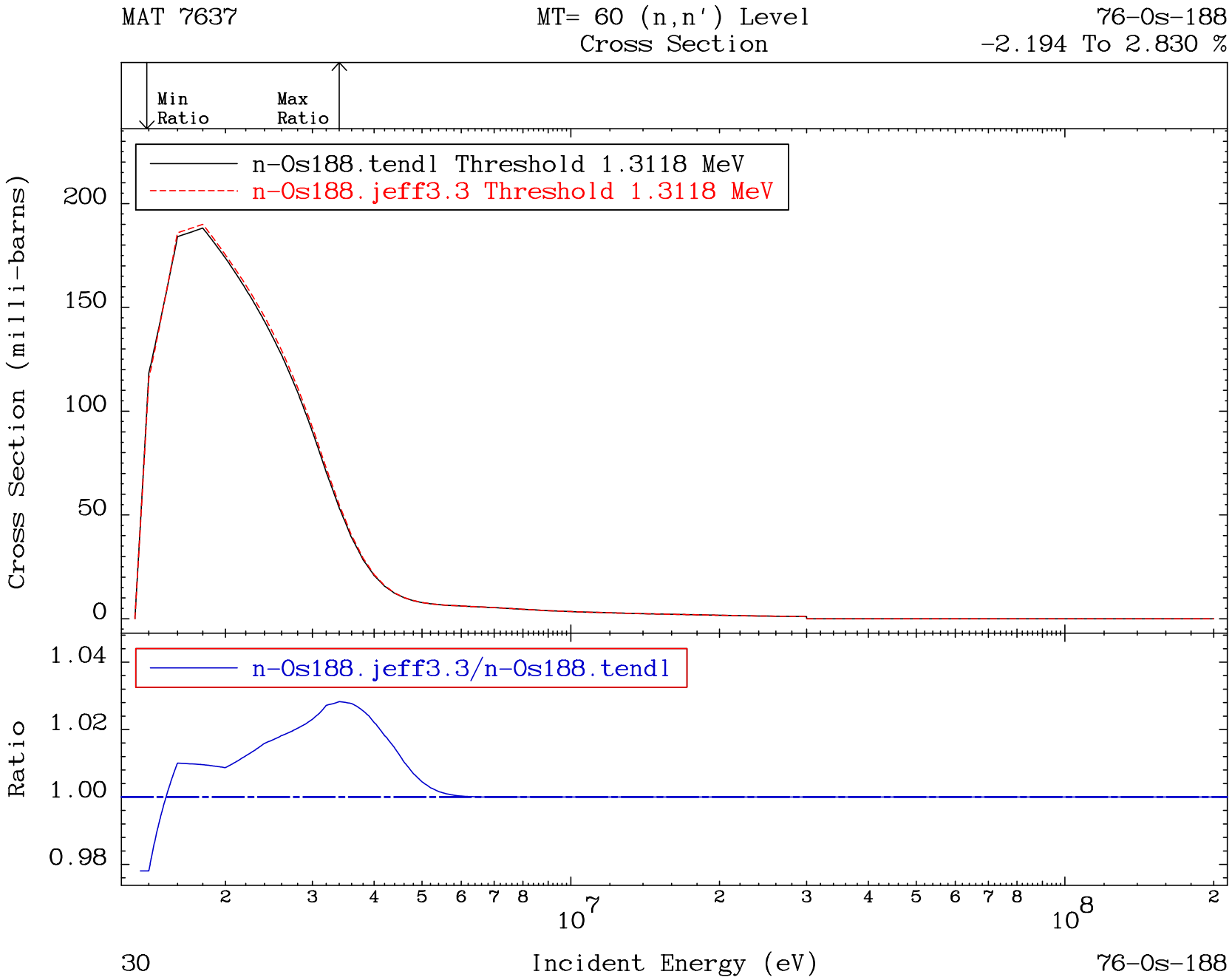

MAT 7637
MT= 55 (n,n') Level
Cross Section
76-0s-188
-0.019 To 6.572 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 945.36 keV
n-0s188.jeff3.3 Threshold 945.36 keV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.08
1.04
1.00
10^6
10^7
10^8
25
Incident Energy (eV)
76-0s-188

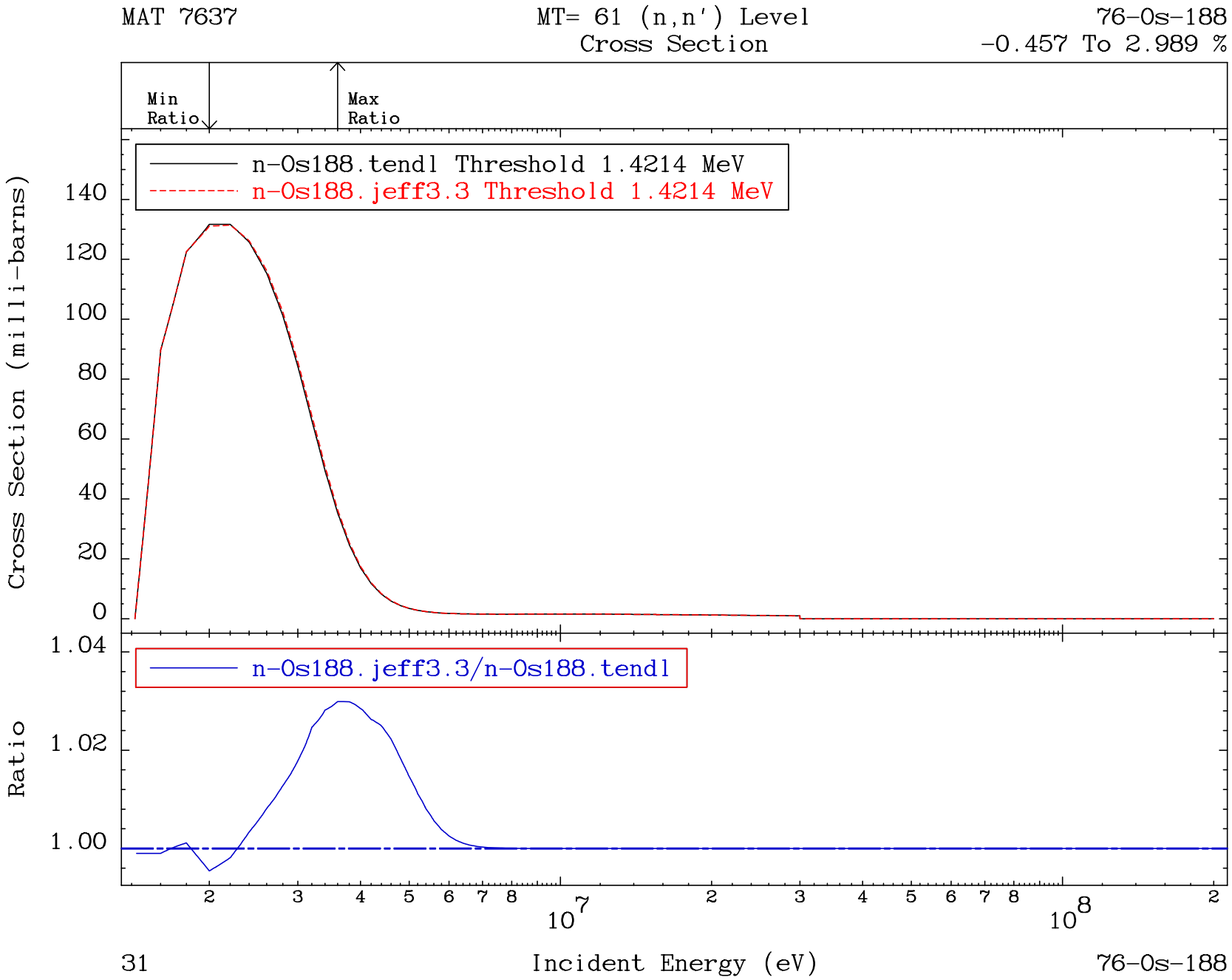

MAT 7637
MT= 56 (n,n') Level
Cross Section
76-0s-188
-0.004 To 3.478 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 970.83 keV
n-0s188.jeff3.3 Threshold 970.83 keV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
26
Incident Energy (eV)
76-0s-188

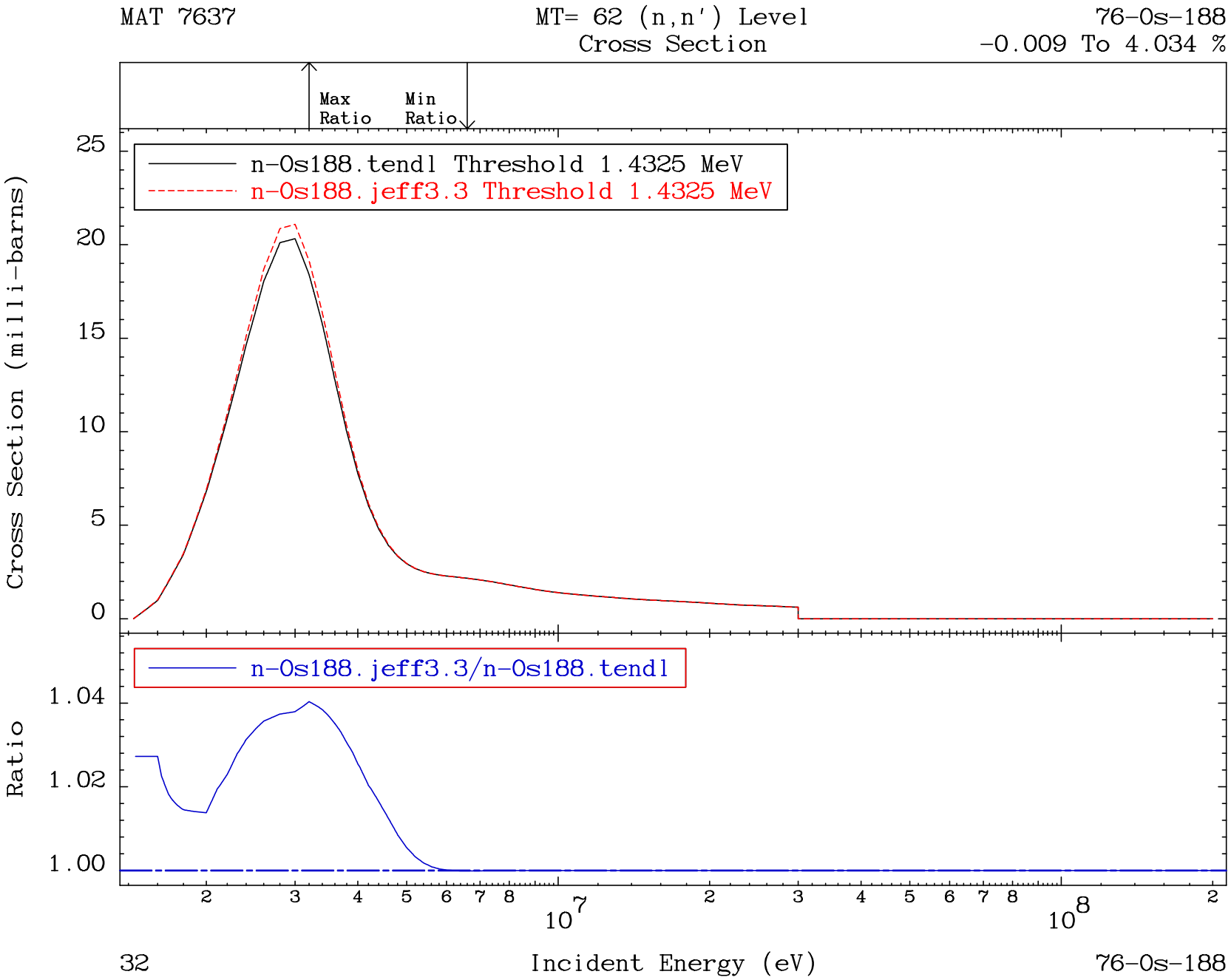

MAT 7637
MT= 57 (n,n') Level
Cross Section
76-0s-188
-1.288 To 2.682 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.0922 MeV
n-0s188.jeff3.3 Threshold 1.0922 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
27
Incident Energy (eV)
76-0s-188

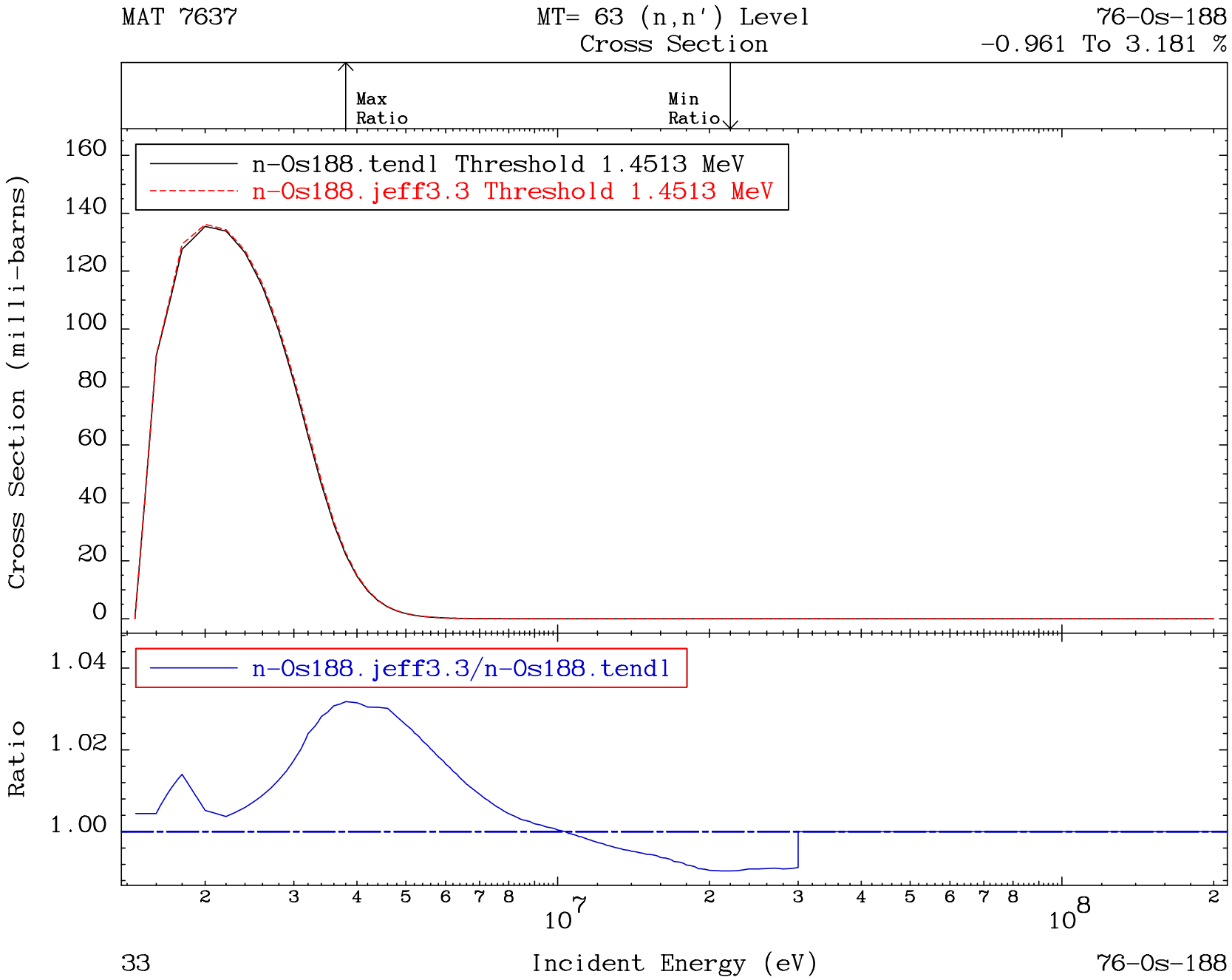

MAT 7637
MT= 58 (n,n') Level
Cross Section
76-0s-188
-0.930 To 5.707 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.1872 MeV
n-0s188.jeff3.3 Threshold 1.1872 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
28
Incident Energy (eV)
76-0s-188

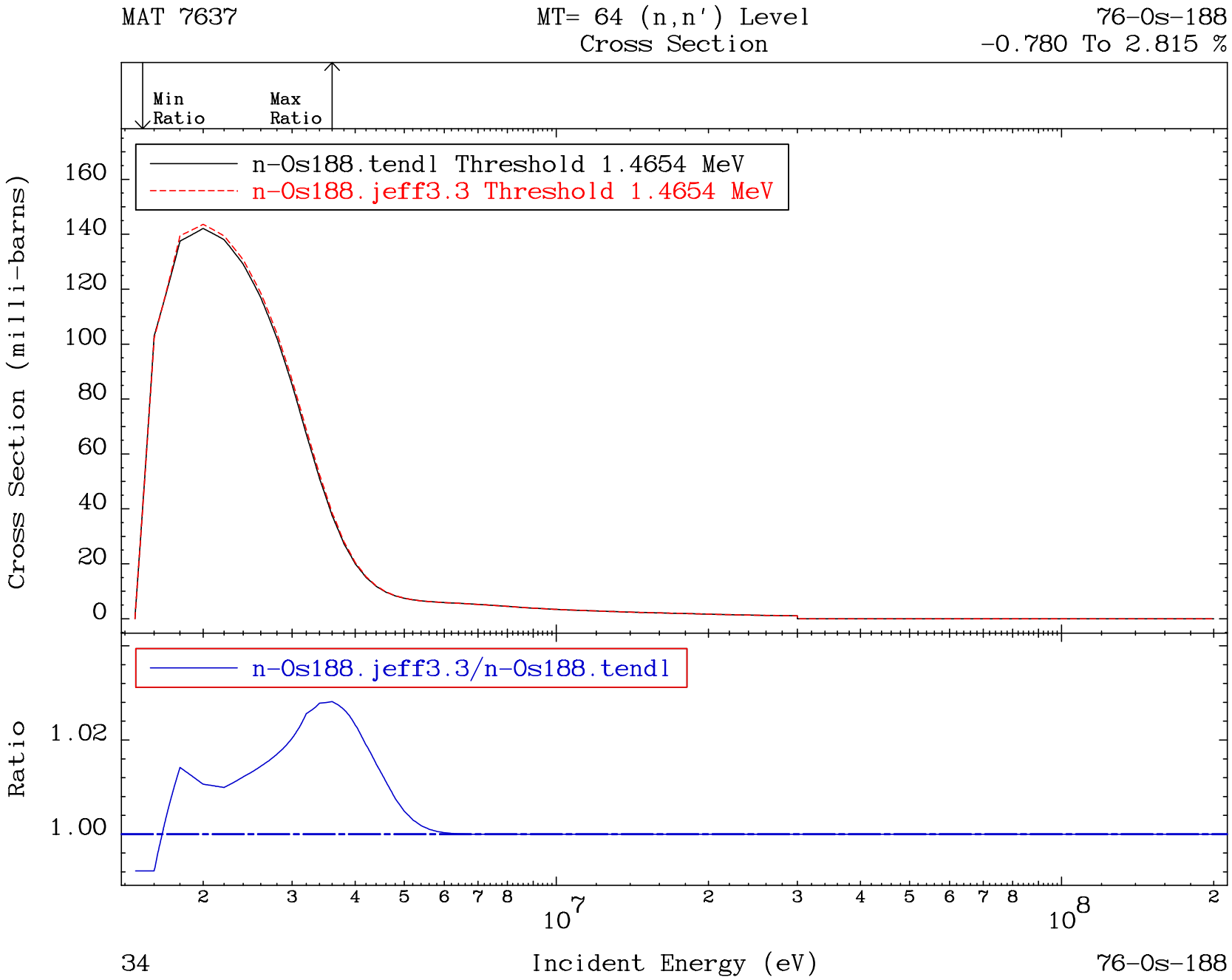

MAT 7637
MT= 59 (n,n') Level
Cross Section
76-0s-188
-0.003 To 4.457 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.2860 MeV
n-0s188.jeff3.3 Threshold 1.2860 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
29
Incident Energy (eV)
76-0s-188

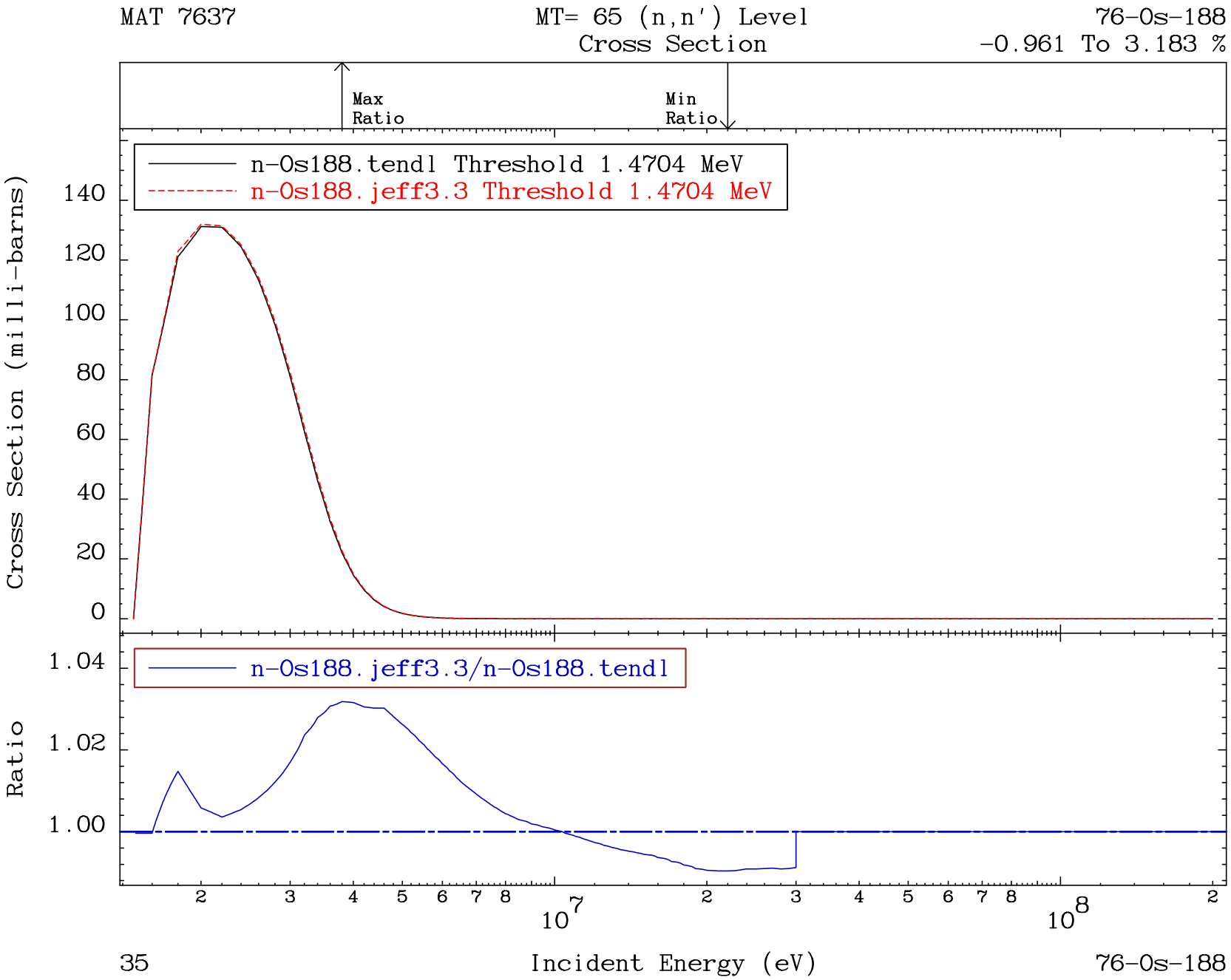

MAT 7637
MT= 60 (n,n') Level
Cross Section
76-0s-188
-2.194 To 2.830 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.3118 MeV
n-0s188.jeff3.3 Threshold 1.3118 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
0.98
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
30
Incident Energy (eV)
76-0s-188

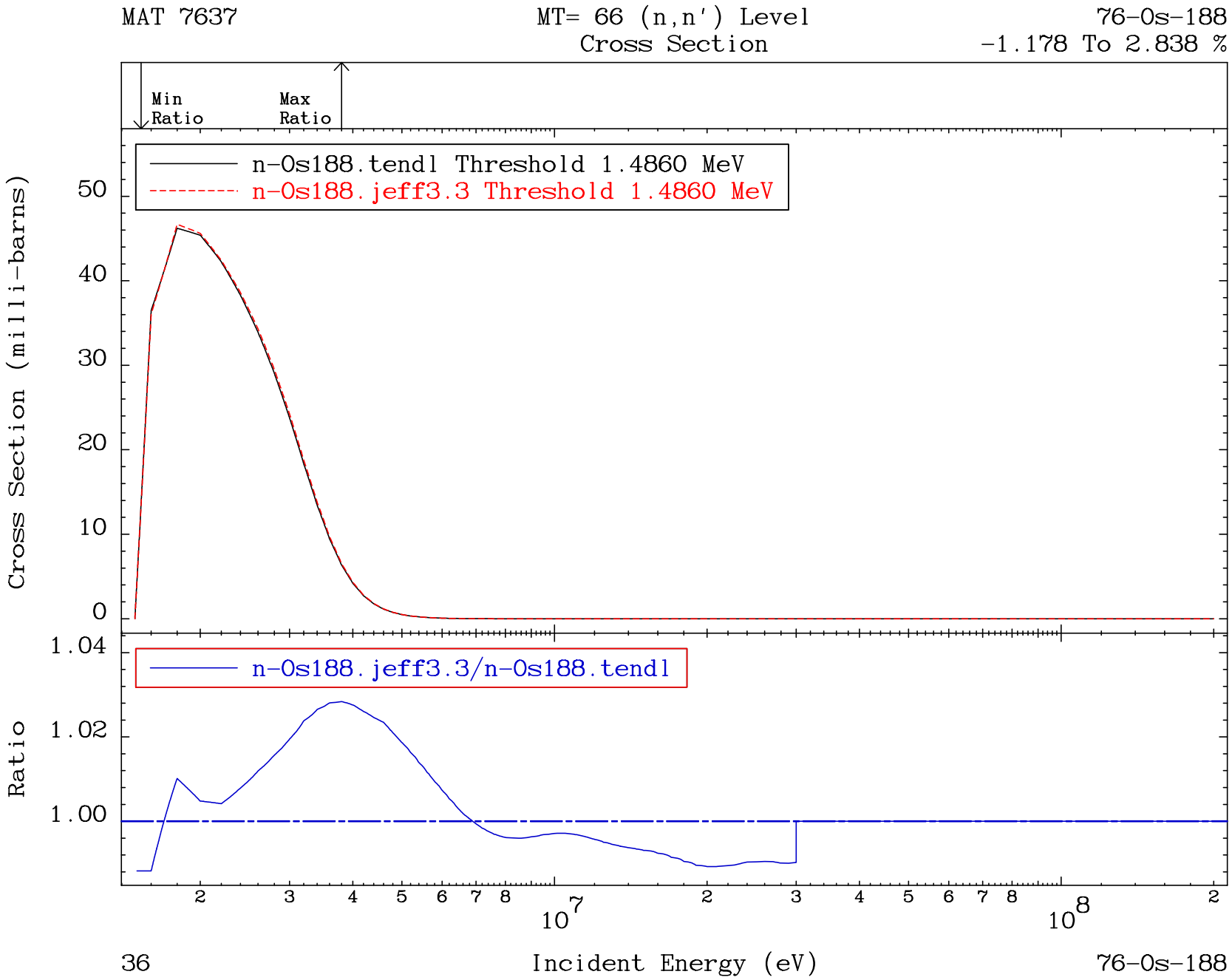

MAT 7637
MT= 61 (n,n') Level
Cross Section
76-0s-188
-0.457 To 2.989 %
Min
Ratio
Max
Ratio
n-0s188.tendl Threshold 1.4214 MeV
n-0s188.jeff3.3 Threshold 1.4214 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
31
Incident Energy (eV)
76-0s-188

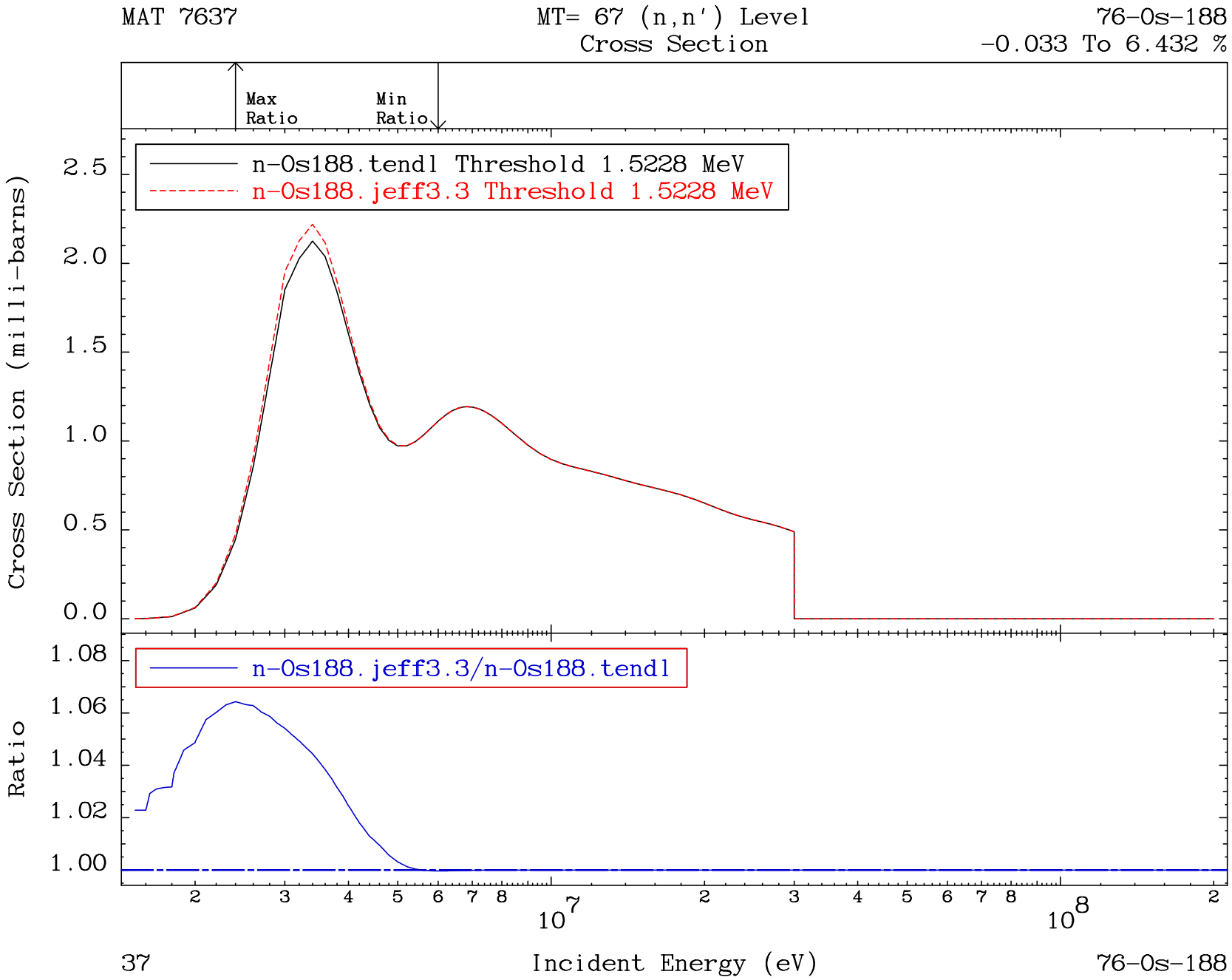

MAT 7637
MT= 62 (n,n') Level
Cross Section
76-0s-188
-0.009 To 4.034 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.4325 MeV
n-0s188.jeff3.3 Threshold 1.4325 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
32
Incident Energy (eV)
76-0s-188

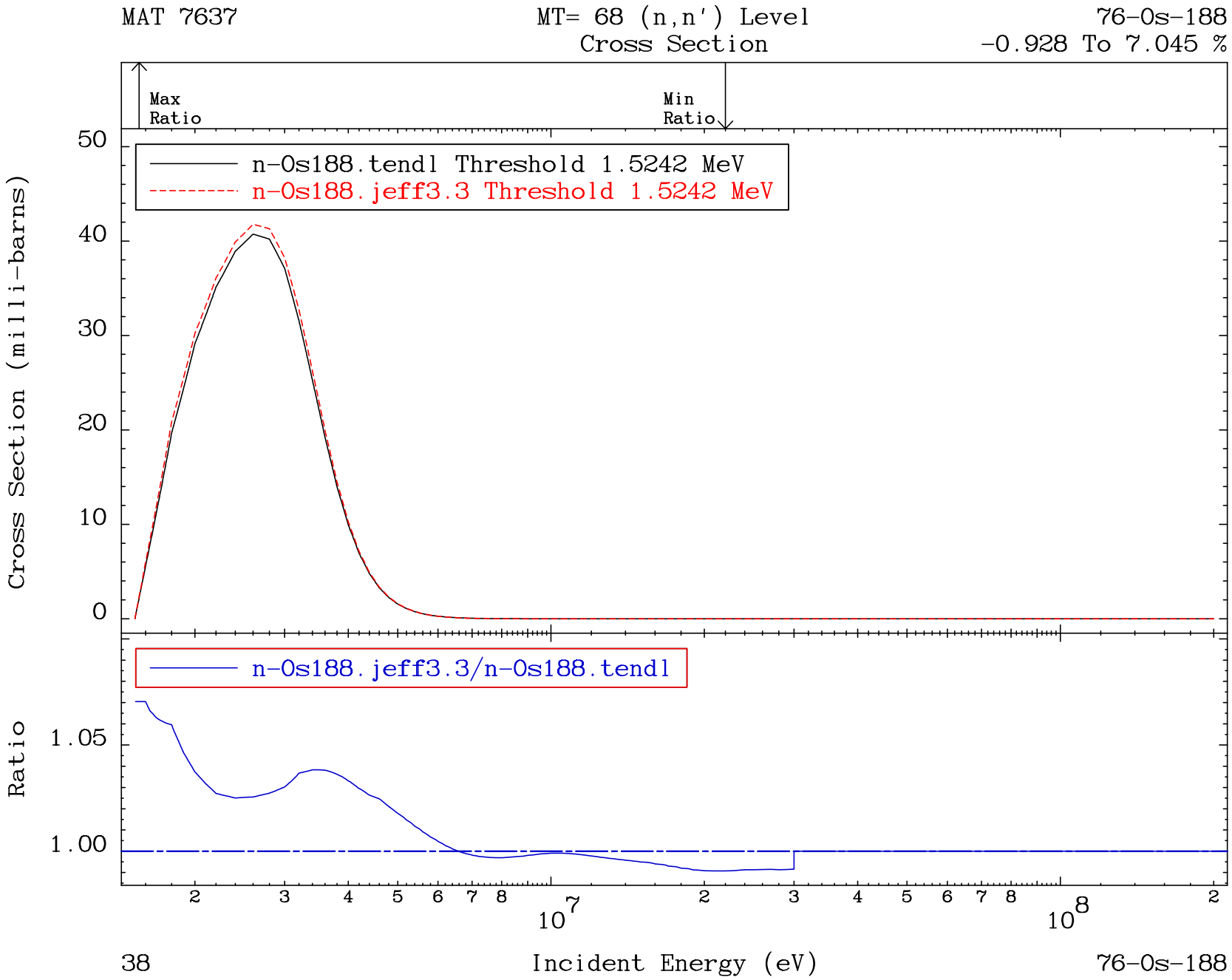

MAT 7637
MT= 63 (n,n') Level
Cross Section
76-0s-188
-0.961 To 3.181 %
Max
Ratio
Min
Ratio
n-0s188.tendl Threshold 1.4513 MeV
n-0s188.jeff3.3 Threshold 1.4513 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
33
Incident Energy (eV)
76-0s-188

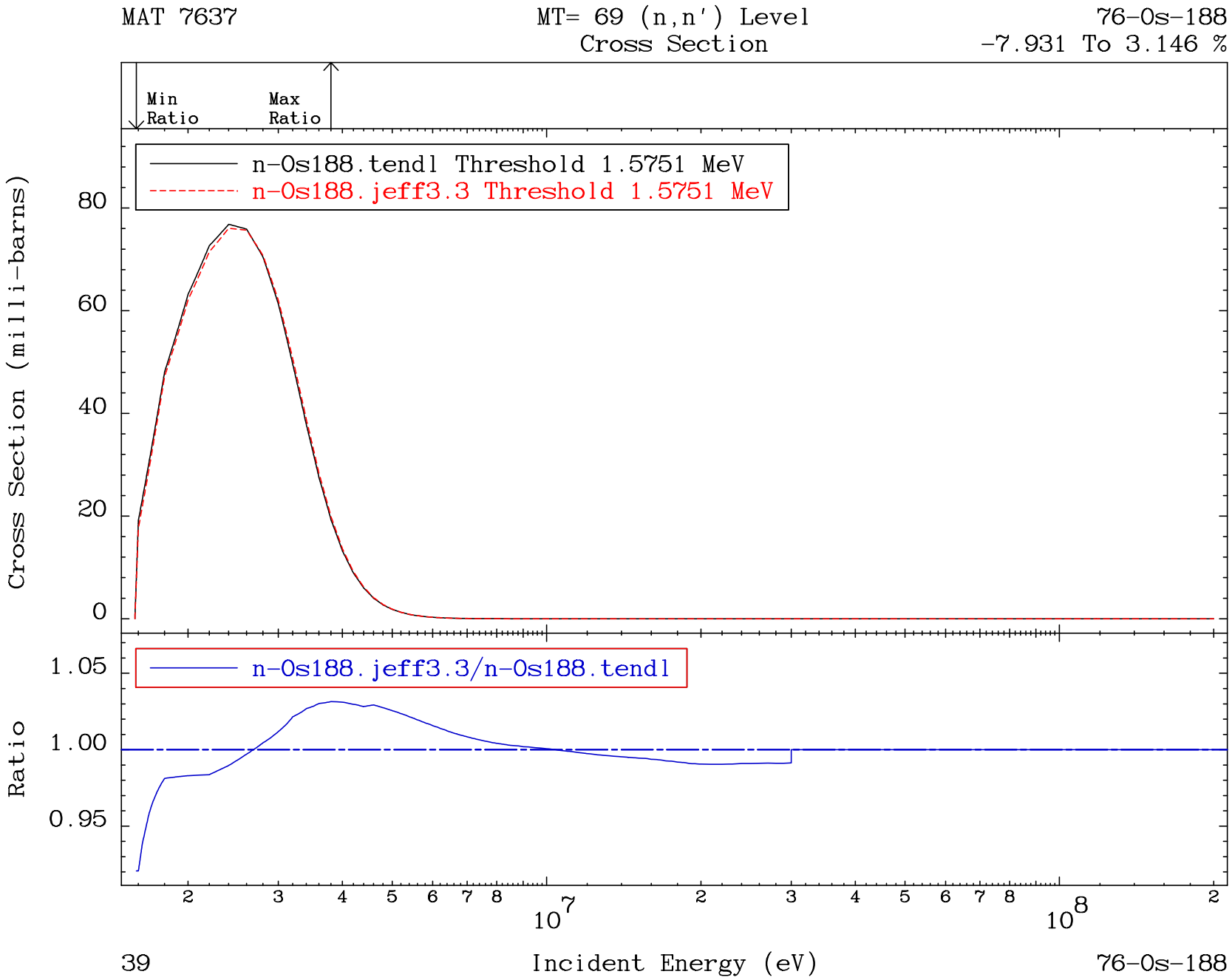

MAT 7637
MT= 64 (n,n') Level
Cross Section
76-0s-188
-0.780 To 2.815 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.4654 MeV
n-0s188.jeff3.3 Threshold 1.4654 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
34
Incident Energy (eV)
76-0s-188

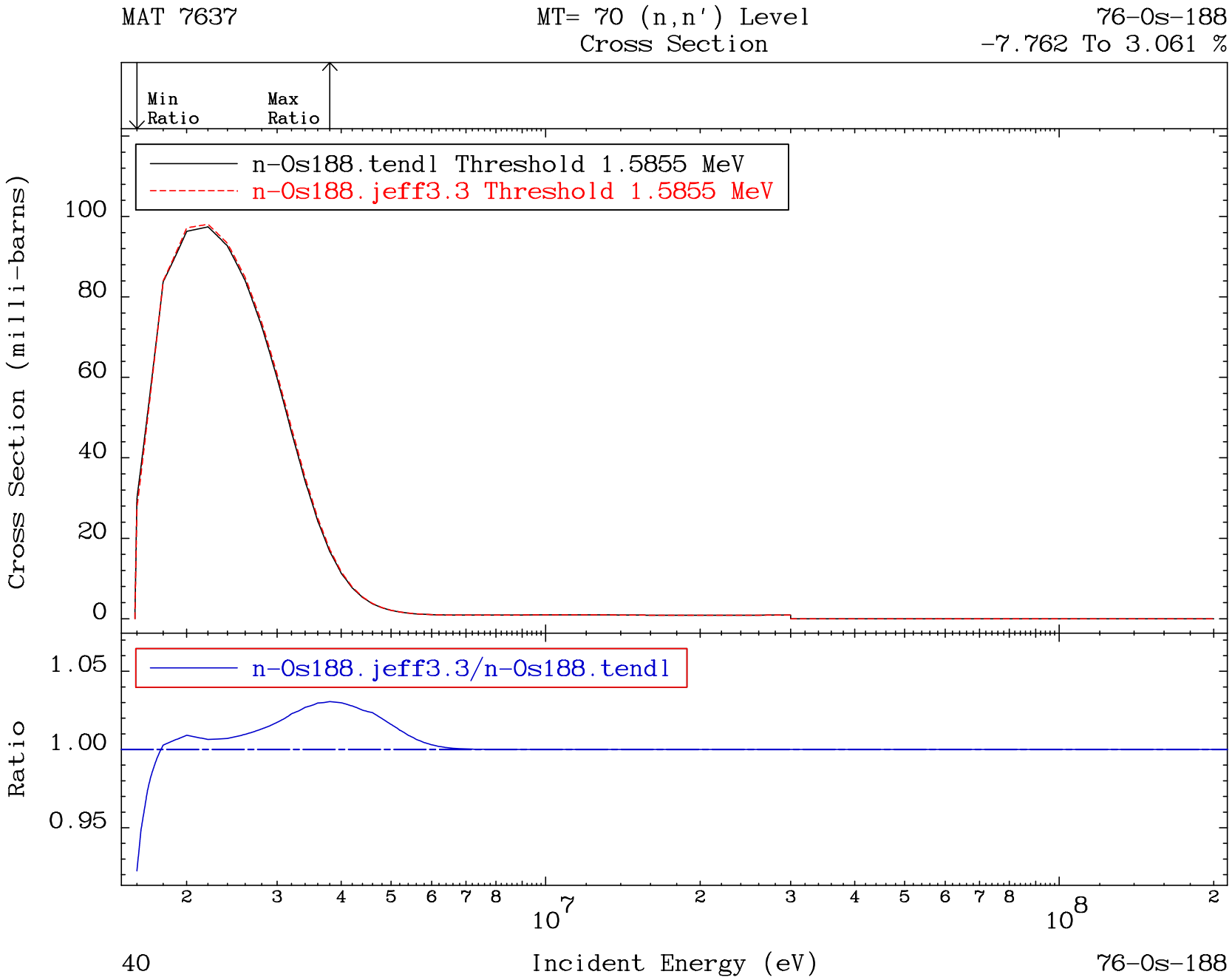

MAT 7637
MT= 65 (n,n') Level
Cross Section
76-0s-188
-0.961 To 3.183 %
Max
Ratio
Min
Ratio
n-0s188.tendl Threshold 1.4704 MeV
n-0s188.jeff3.3 Threshold 1.4704 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
35
Incident Energy (eV)
76-0s-188

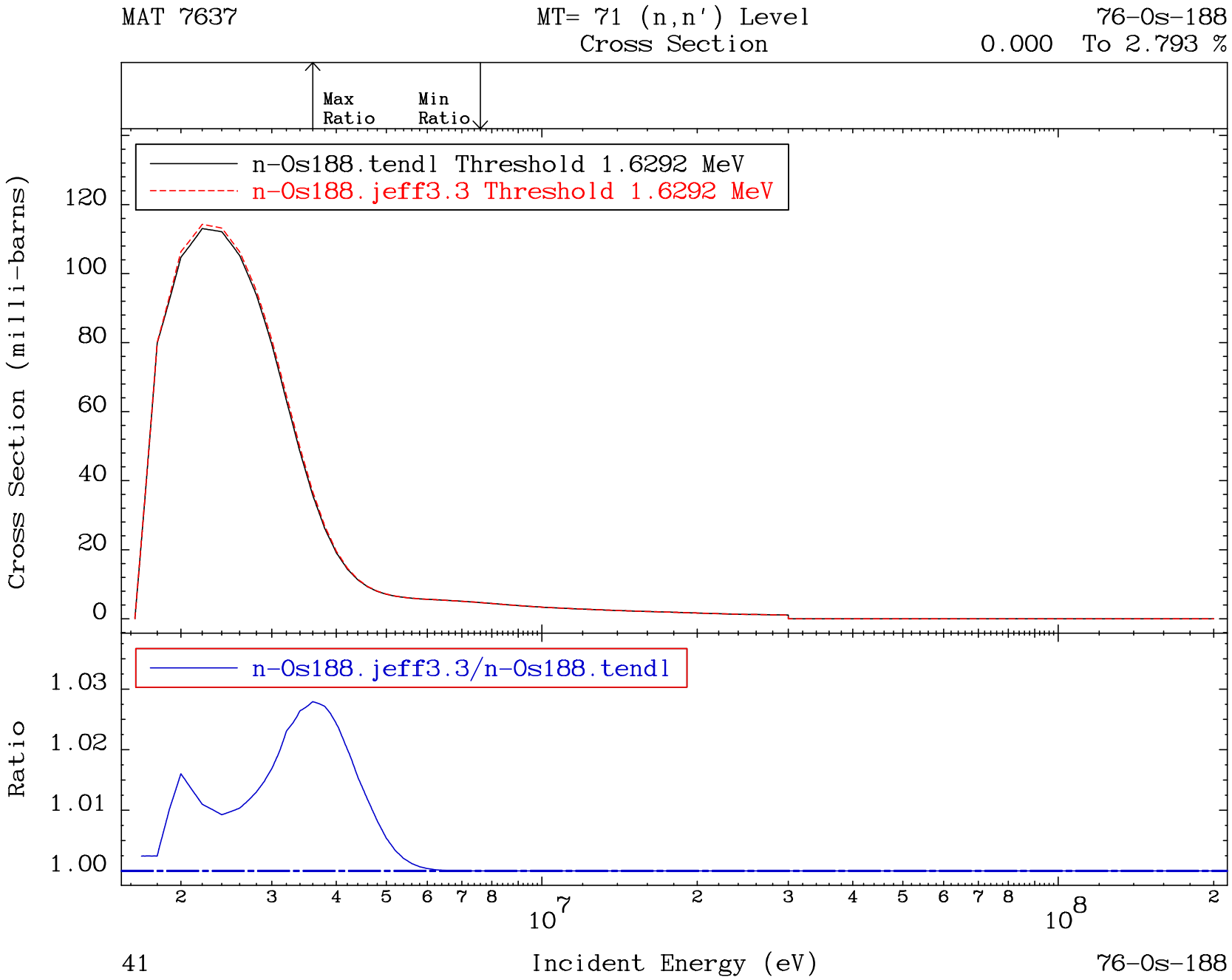

MAT 7637
MT= 66 (n,n') Level
Cross Section
76-0s-188
-1.178 To 2.838 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.4860 MeV
n-0s188.jeff3.3 Threshold 1.4860 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
36
Incident Energy (eV)
76-0s-188

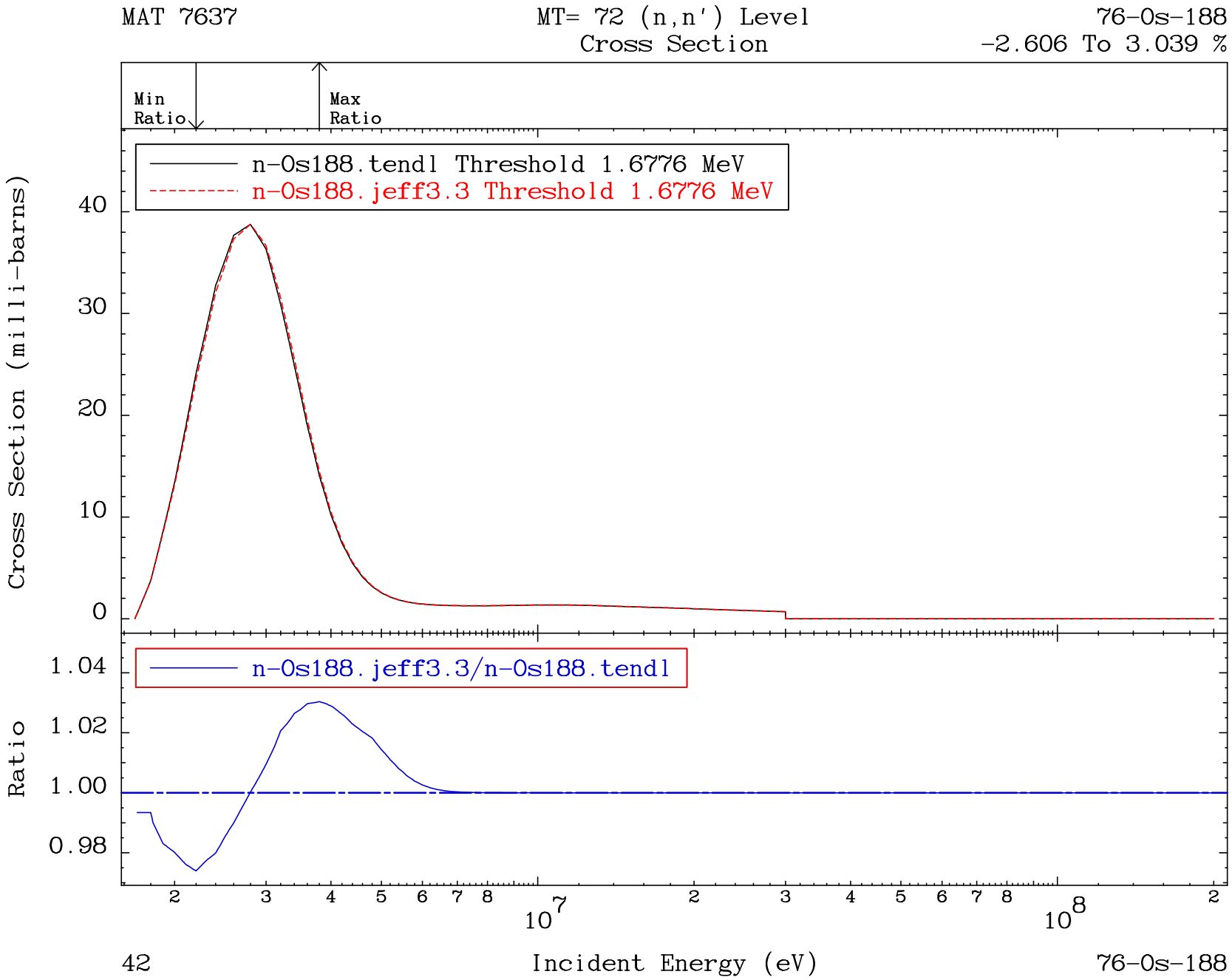

MAT 7637
MT= 67 (n,n') Level
Cross Section
76-0s-188
-0.033 To 6.432 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.5228 MeV
n-0s188.jeff3.3 Threshold 1.5228 MeV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.08
1.06
1.04
1.02
1.00
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
37
Incident Energy (eV)
76-0s-188

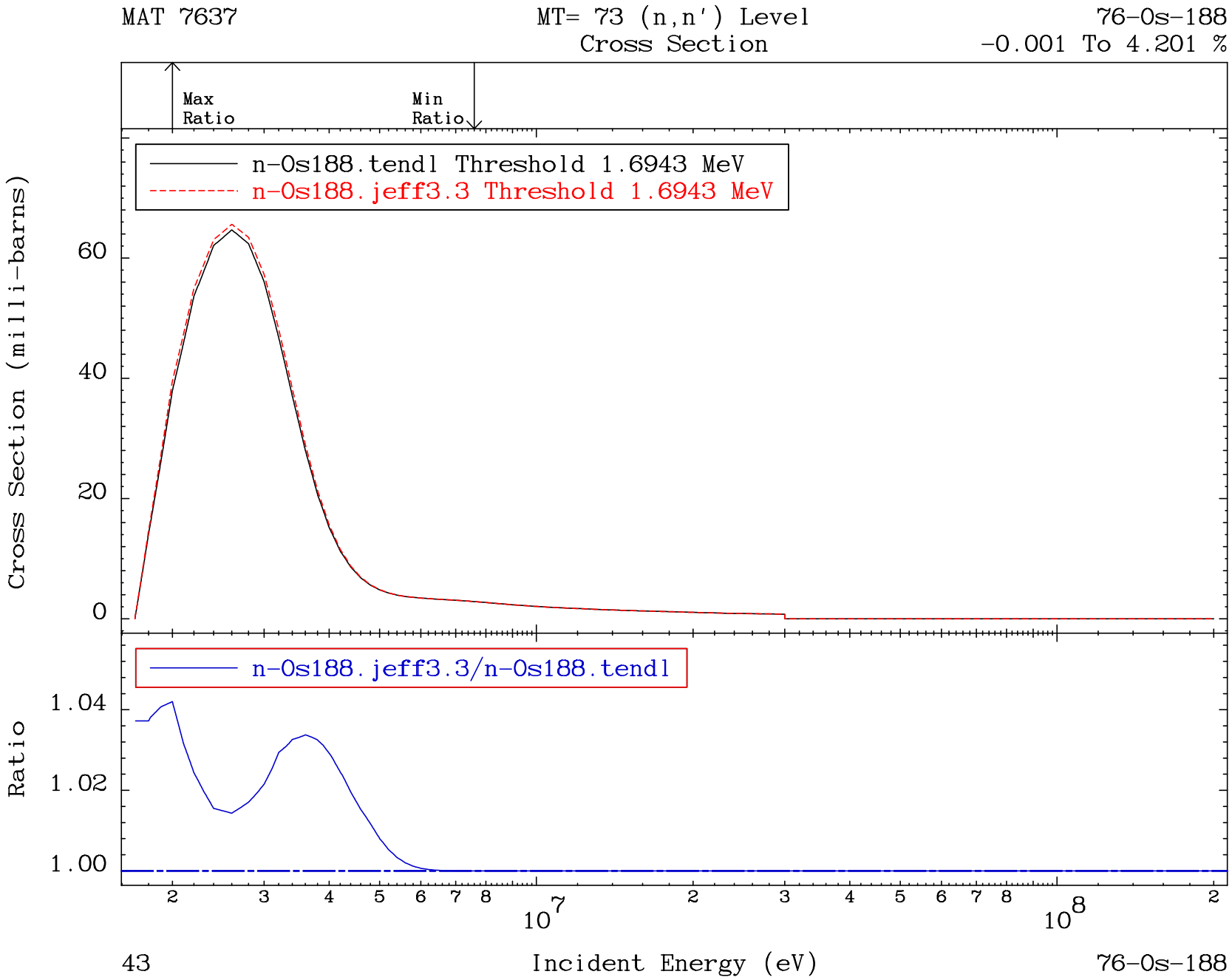

MAT 7637
MT= 68 (n,n') Level
Cross Section
76-0s-188
-0.928 To 7.045 %
Max
Ratio
Min
Ratio
n-0s188.tendl Threshold 1.5242 MeV
n-0s188.jeff3.3 Threshold 1.5242 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
38
Incident Energy (eV)
76-0s-188

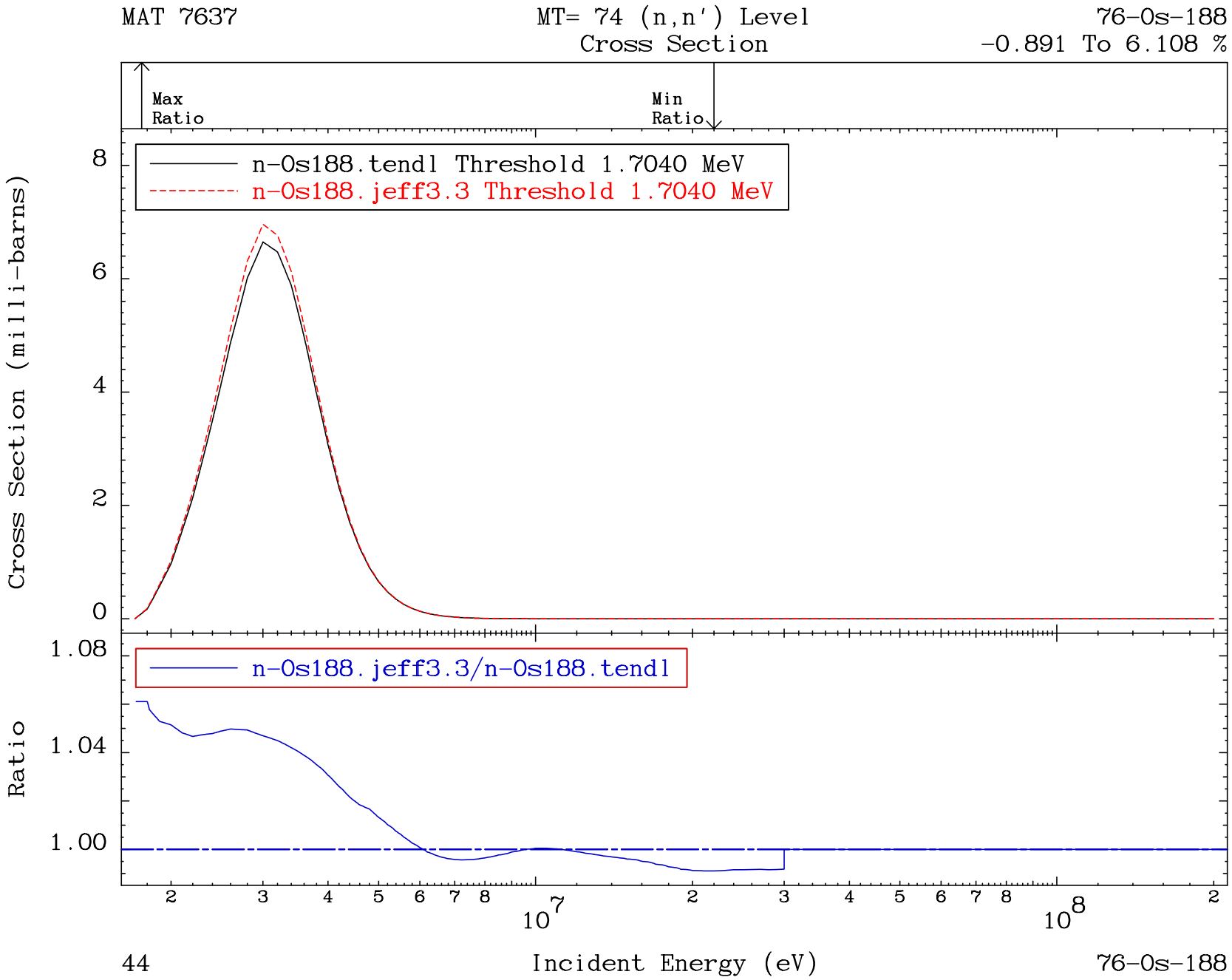

MAT 7637
MT= 69 (n,n') Level
Cross Section
76-0s-188
-7.931 To 3.146 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.5751 MeV
n-0s188.jeff3.3 Threshold 1.5751 MeV
Cross Section (milli-barns)
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
0.95
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
39
Incident Energy (eV)
76-0s-188

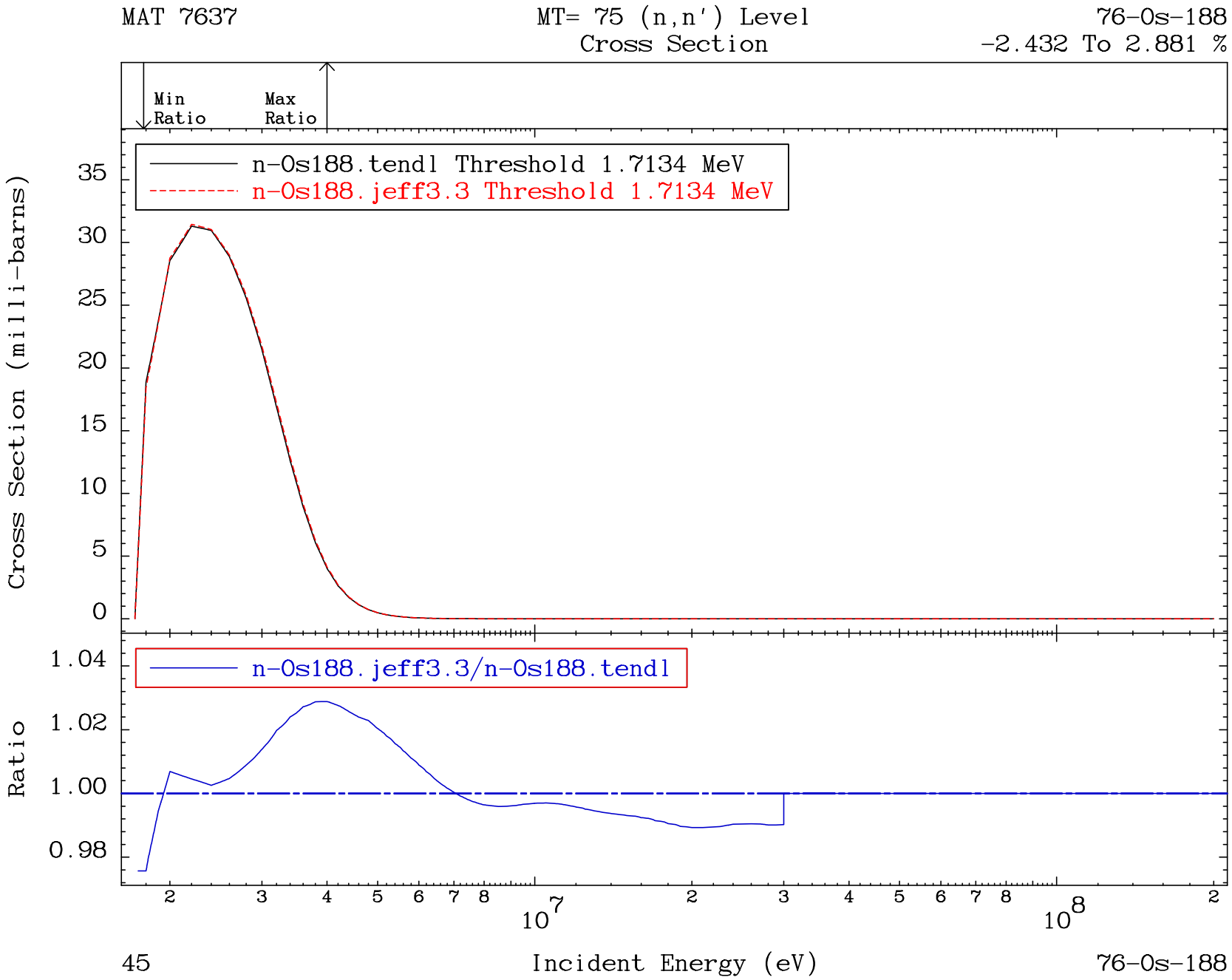

MAT 7637
MT= 70 (n,n') Level
Cross Section
76-0s-188
-7.762 To 3.061 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.5855 MeV
n-0s188.jeff3.3 Threshold 1.5855 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
0.95
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
40
Incident Energy (eV)
76-0s-188

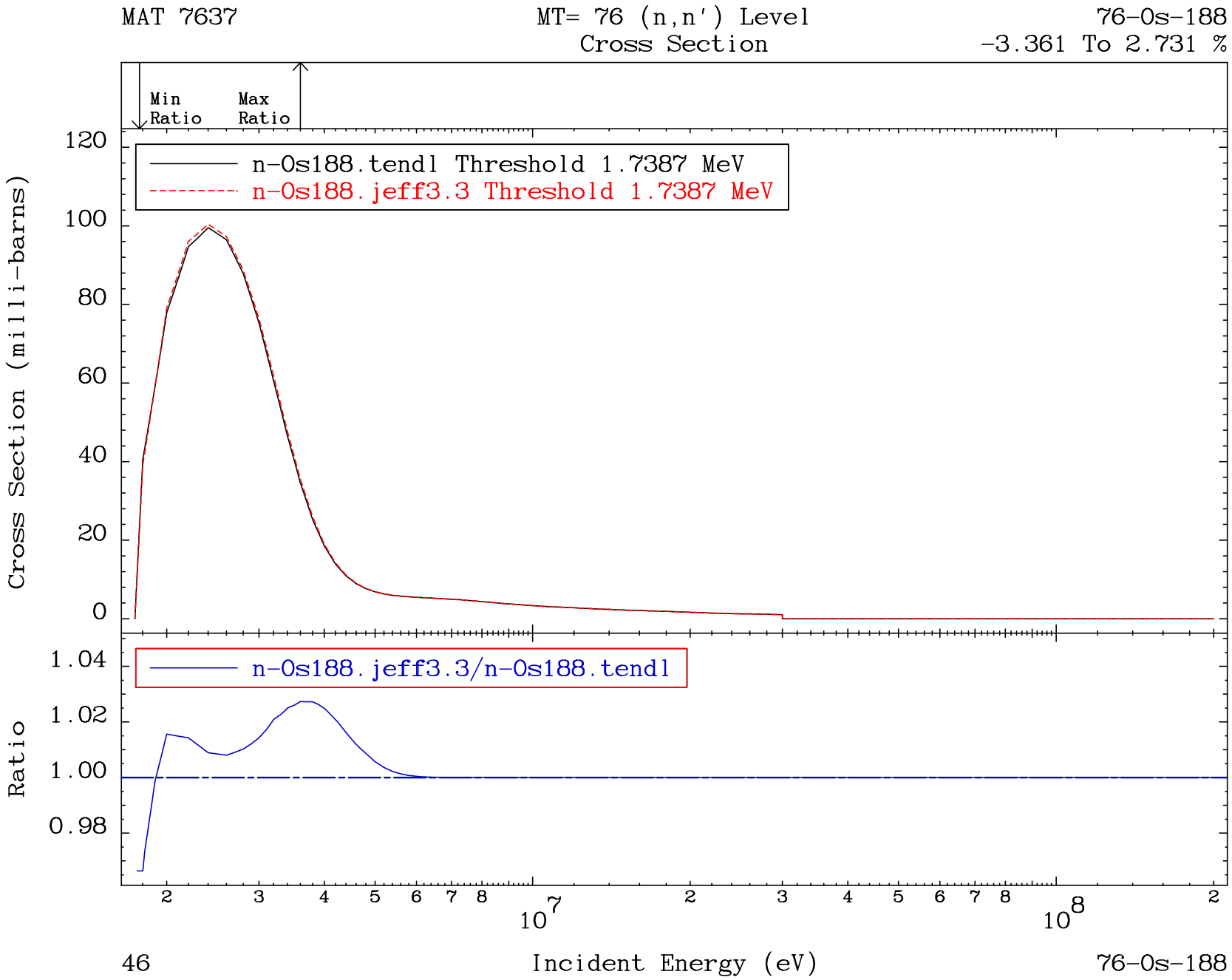

MAT 7637
MT= 71 (n,n') Level
Cross Section
76-0s-188
0.000 To 2.793 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.6292 MeV
n-0s188.jeff3.3 Threshold 1.6292 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.03
1.02
1.01
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
41
Incident Energy (eV)
76-0s-188

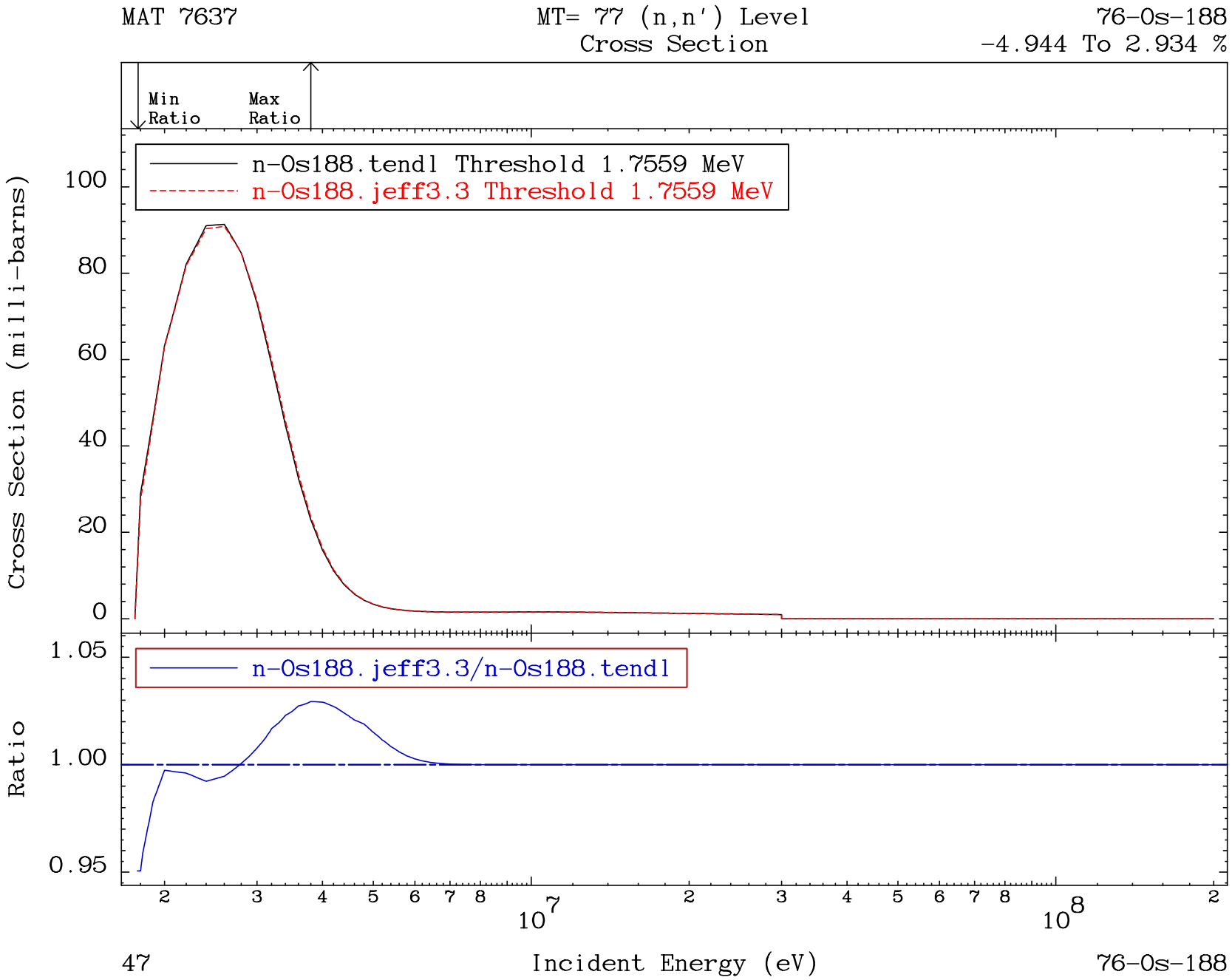

MAT 7637
MT= 72 (n,n') Level
Cross Section
76-0s-188
-2.606 To 3.039 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.6776 MeV
n-0s188.jeff3.3 Threshold 1.6776 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
0.98
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
42
Incident Energy (eV)
76-0s-188

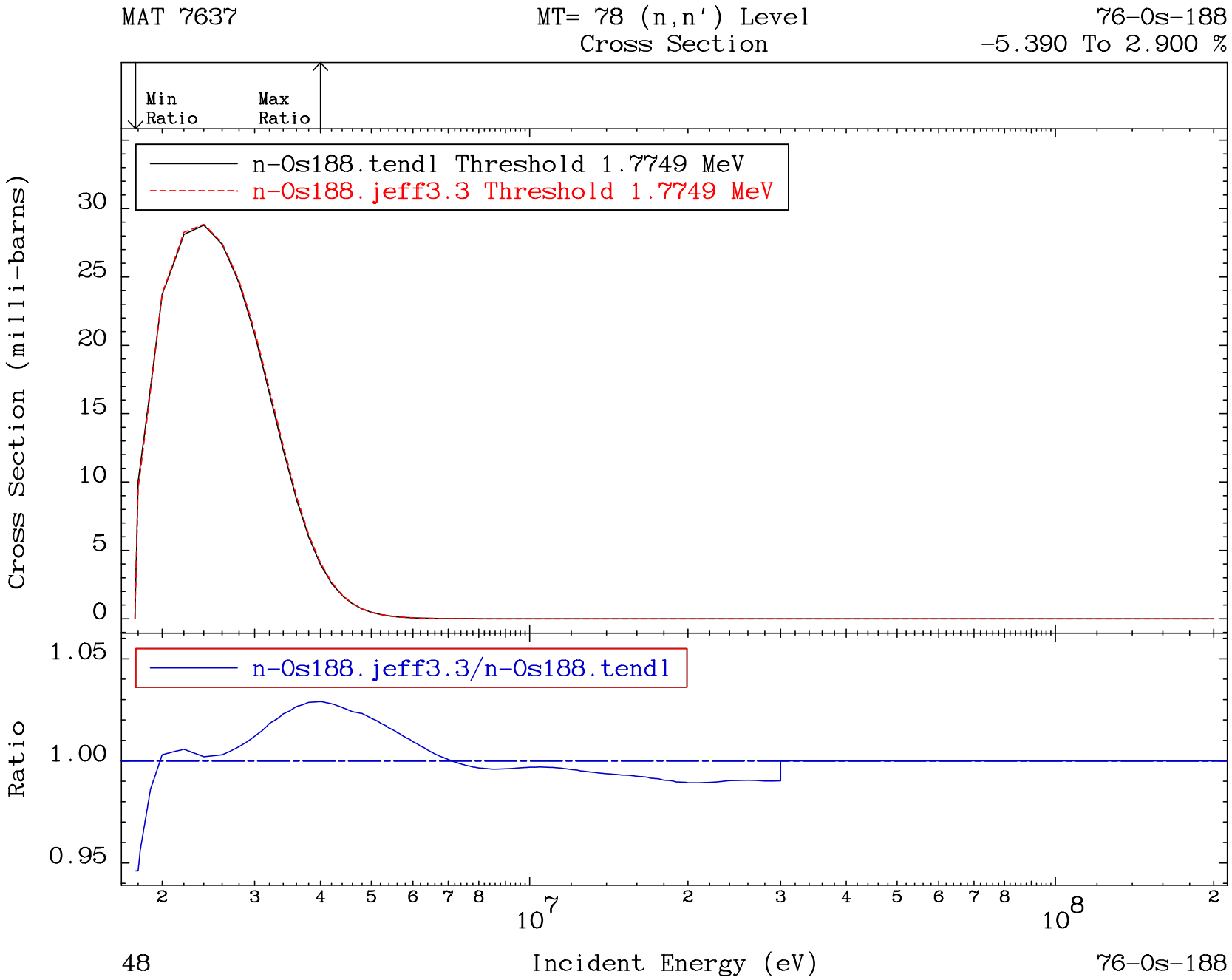

MAT 7637
MT= 73 (n,n') Level
Cross Section
76-0s-188
-0.001 To 4.201 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.6943 MeV
n-0s188.jeff3.3 Threshold 1.6943 MeV
Cross Section (milli-barns)
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
43
Incident Energy (eV)
76-0s-188

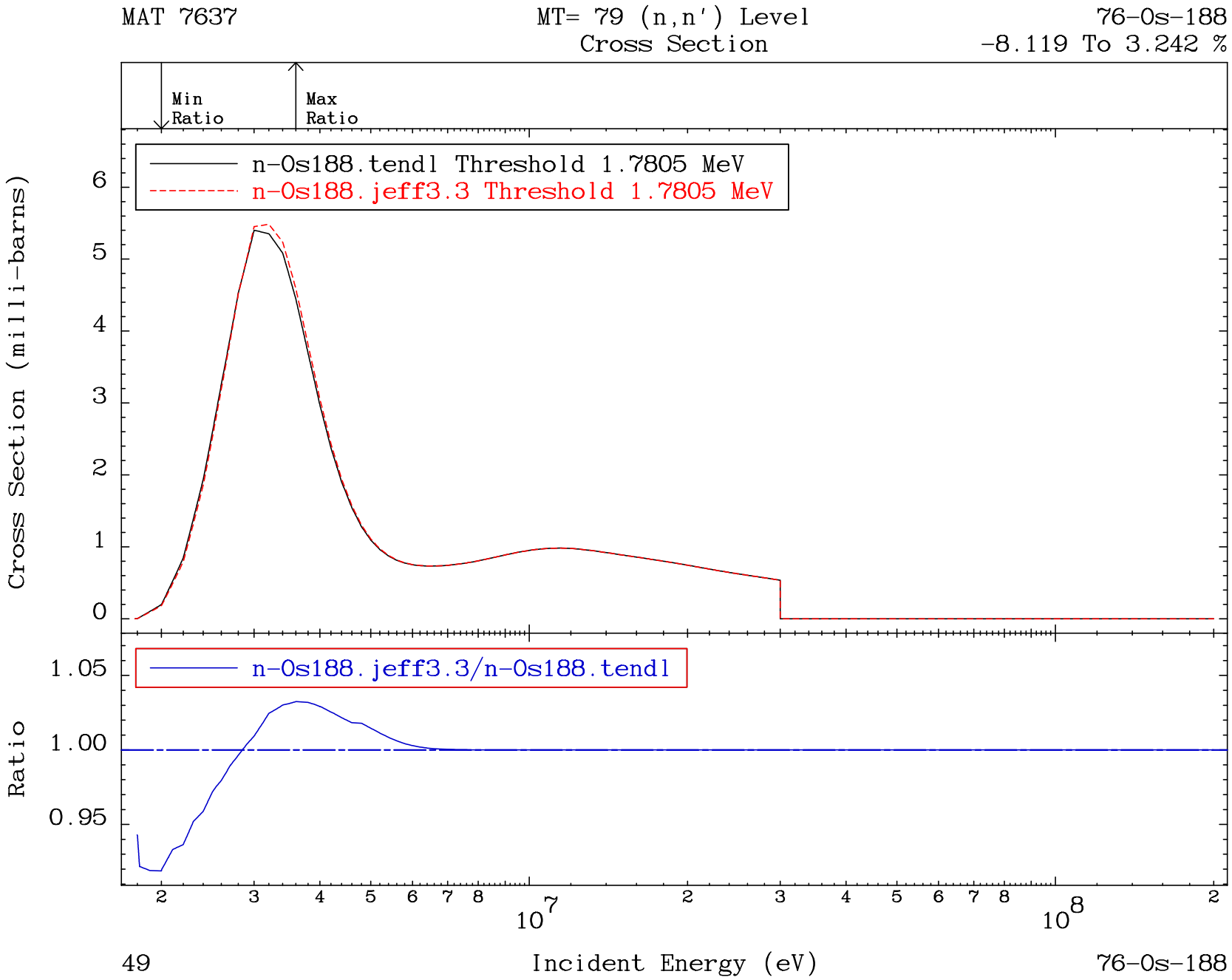

MAT 7637
MT= 74 (n,n') Level
Cross Section
76-0s-188
-0.891 To 6.108 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.7040 MeV
n-0s188.jeff3.3 Threshold 1.7040 MeV
Cross Section (milli-barns)
0
2
4
6
8
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
1.04
1.08
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
44
Incident Energy (eV)
76-0s-188

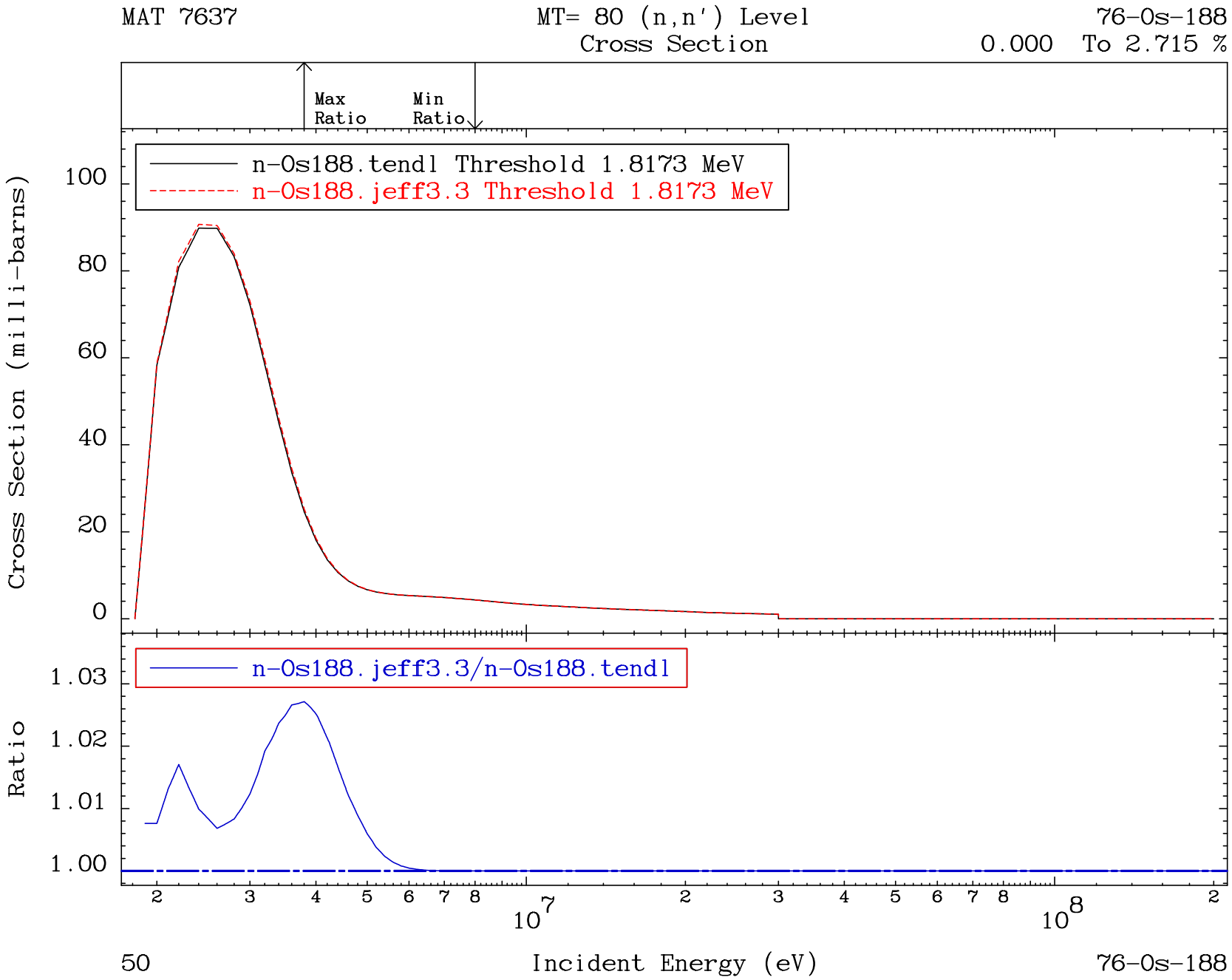

MAT 7637
MT= 75 (n,n') Level
Cross Section
76-0s-188
-2.432 To 2.881 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.7134 MeV
n-0s188.jeff3.3 Threshold 1.7134 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
0.98
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
45
Incident Energy (eV)
76-0s-188

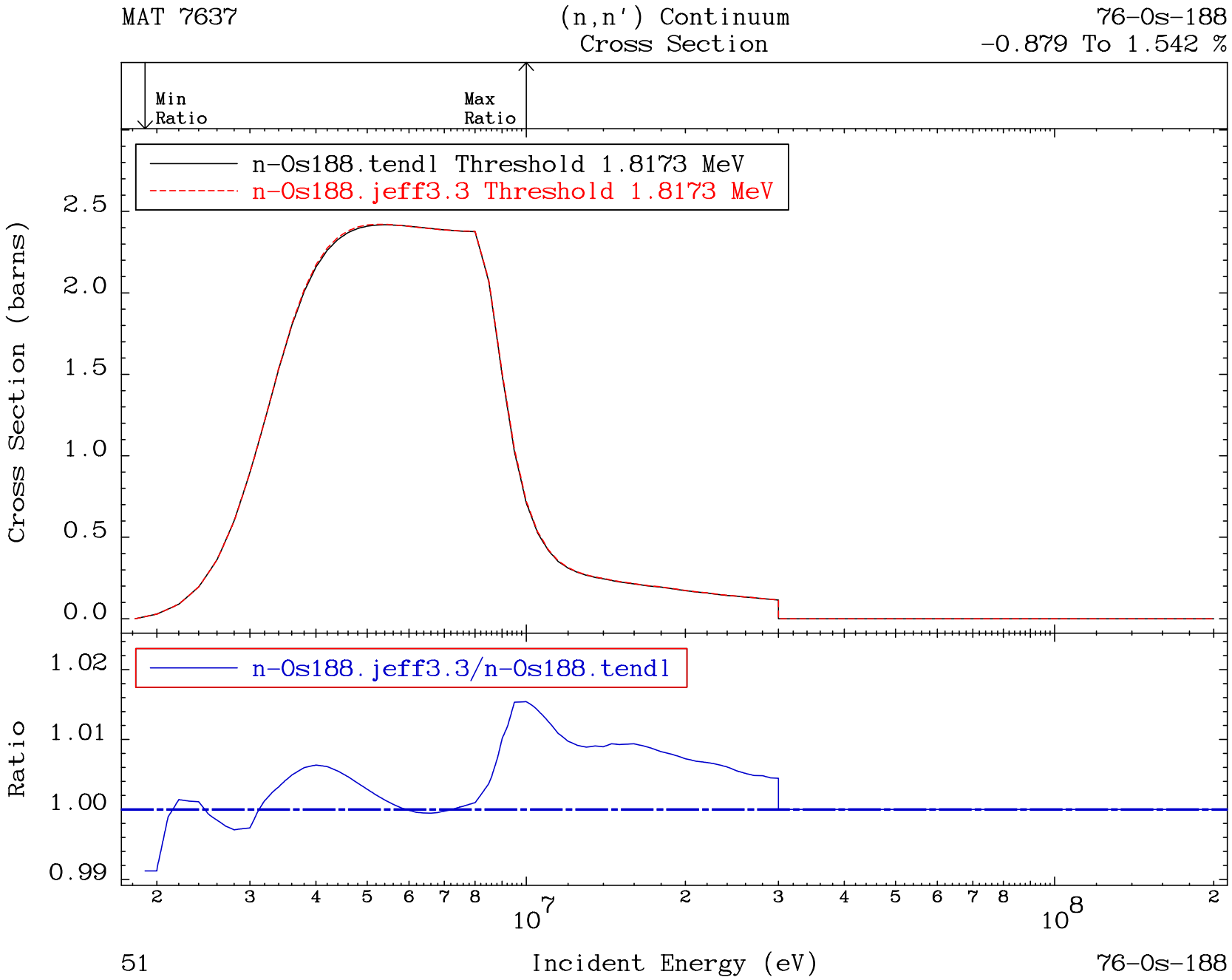

MAT 7637
MT= 76 (n,n') Level
Cross Section
76-0s-188
-3.361 To 2.731 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.7387 MeV
n-0s188.jeff3.3 Threshold 1.7387 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.04
1.02
1.00
0.98
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
46
Incident Energy (eV)
76-0s-188

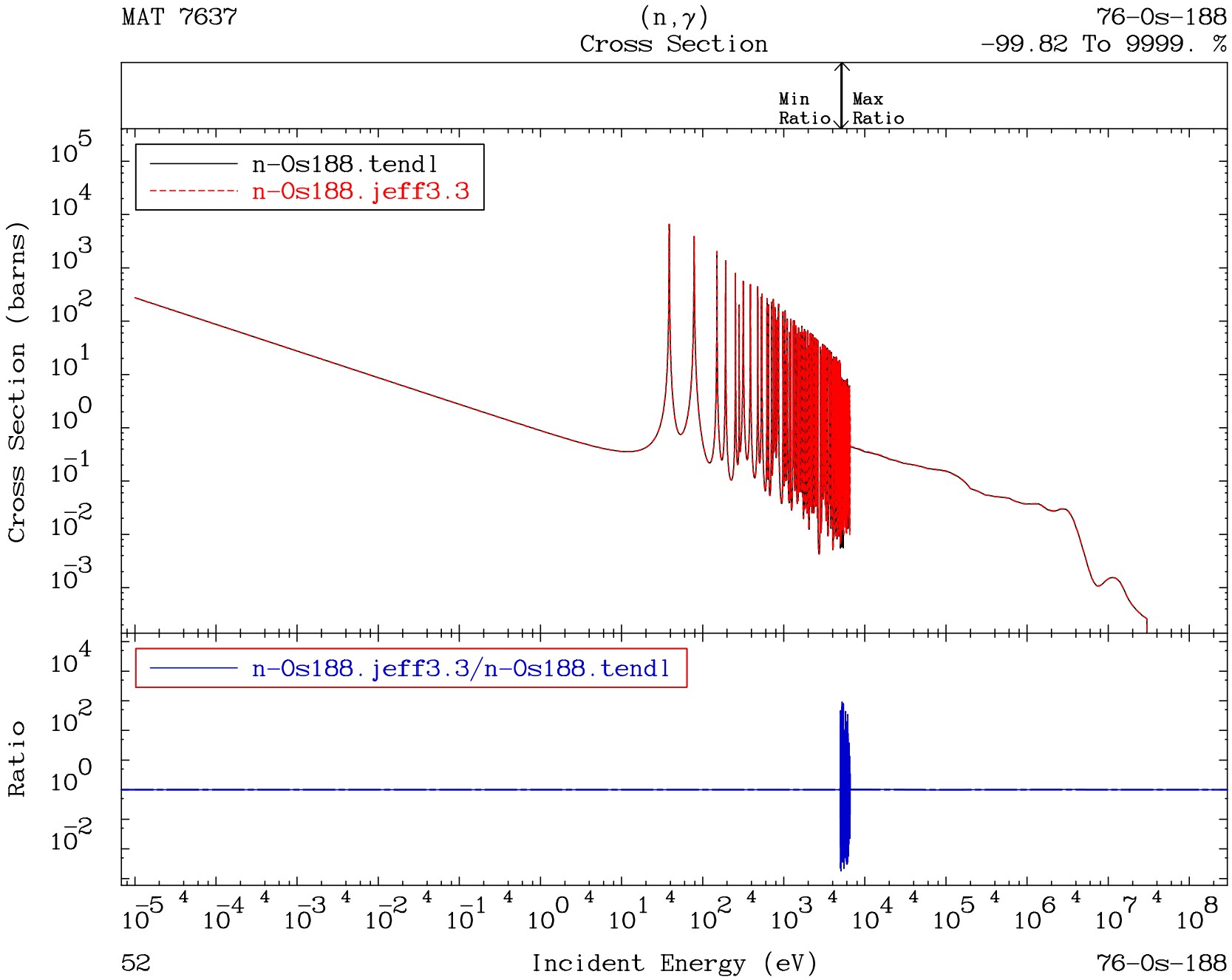

MAT 7637
MT= 77 (n,n') Level
Cross Section
76-0s-188
-4.944 To 2.934 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.7559 MeV
n-0s188.jeff3.3 Threshold 1.7559 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
0.95
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
47
Incident Energy (eV)
76-0s-188

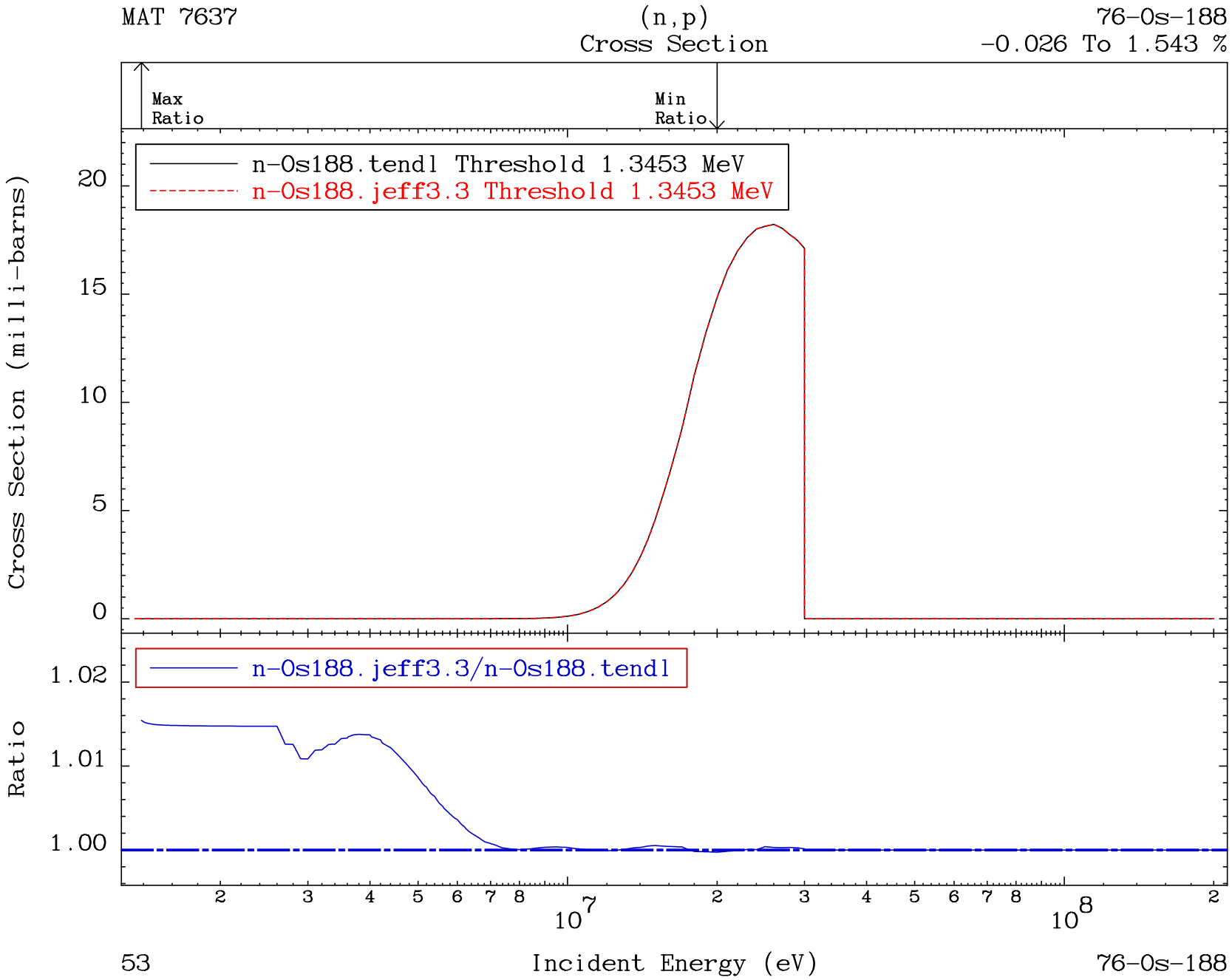

MAT 7637
MT= 78 (n,n') Level
Cross Section
76-0s-188
-5.390 To 2.900 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.7749 MeV
n-0s188.jeff3.3 Threshold 1.7749 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.05
1.00
0.95
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
48
Incident Energy (eV)
76-0s-188

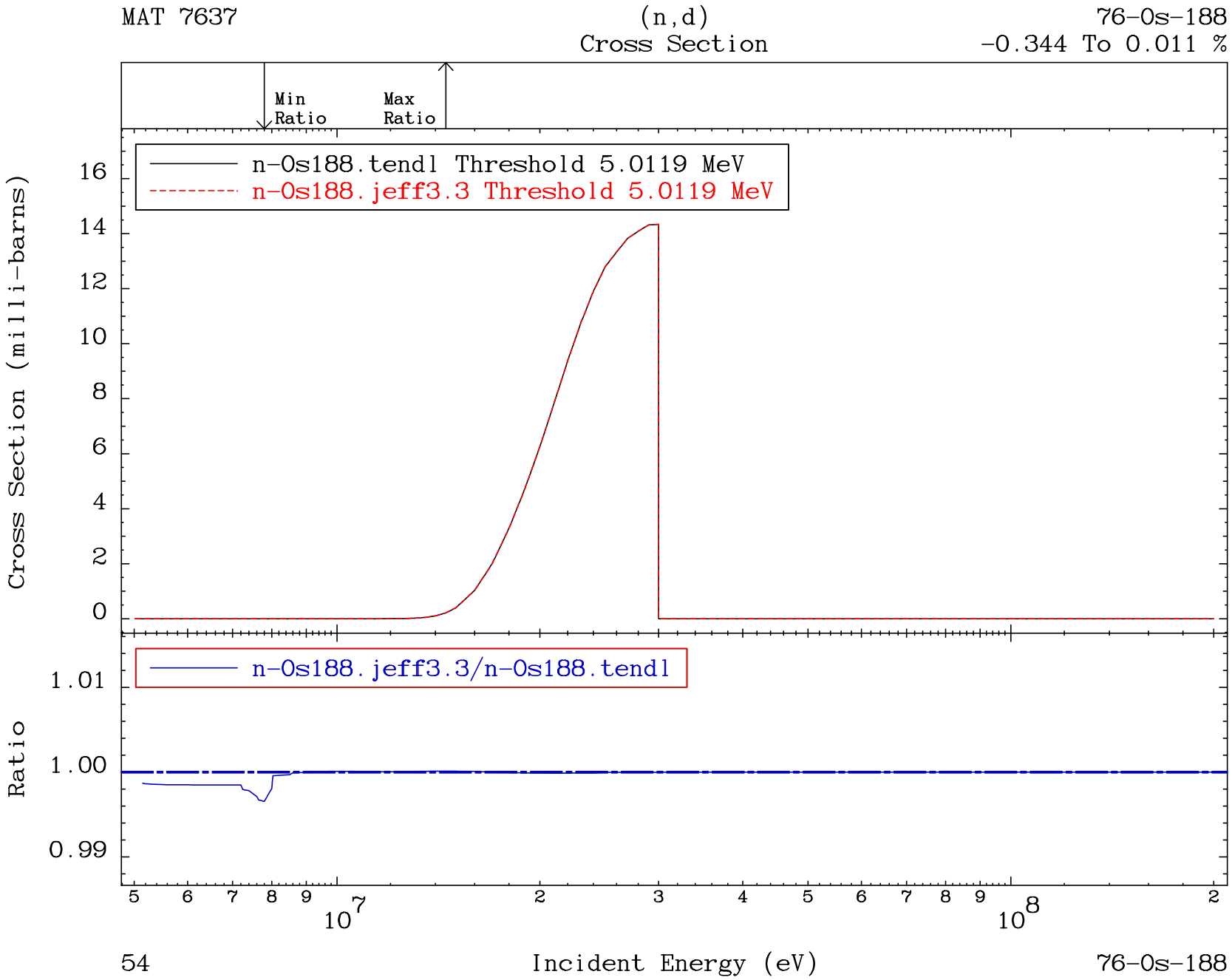

MAT 7637
MT= 79 (n,n') Level
Cross Section
76-0s-188
-8.119 To 3.242 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 1.7805 MeV
n-0s188.jeff3.3 Threshold 1.7805 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
n-0s188.jeff3.3/n-0s188.tendl
Ratio
0.95
1.00
1.05
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
49
Incident Energy (eV)
76-0s-188

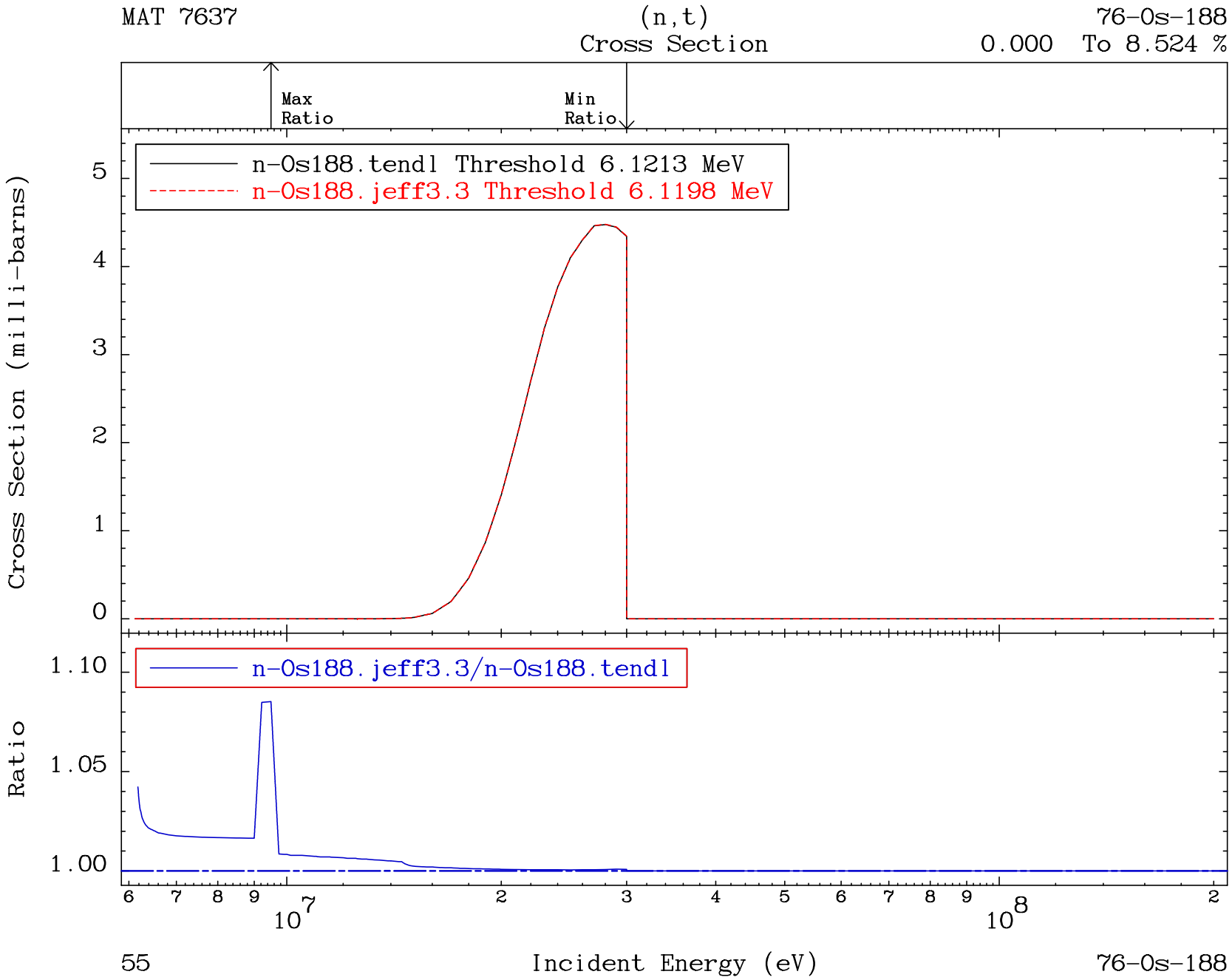

MAT 7637
MT= 80 (n,n') Level
Cross Section
76-0s-188
0.000 To 2.715 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.8173 MeV
n-0s188.jeff3.3 Threshold 1.8173 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.03
1.02
1.01
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
50
Incident Energy (eV)
76-0s-188

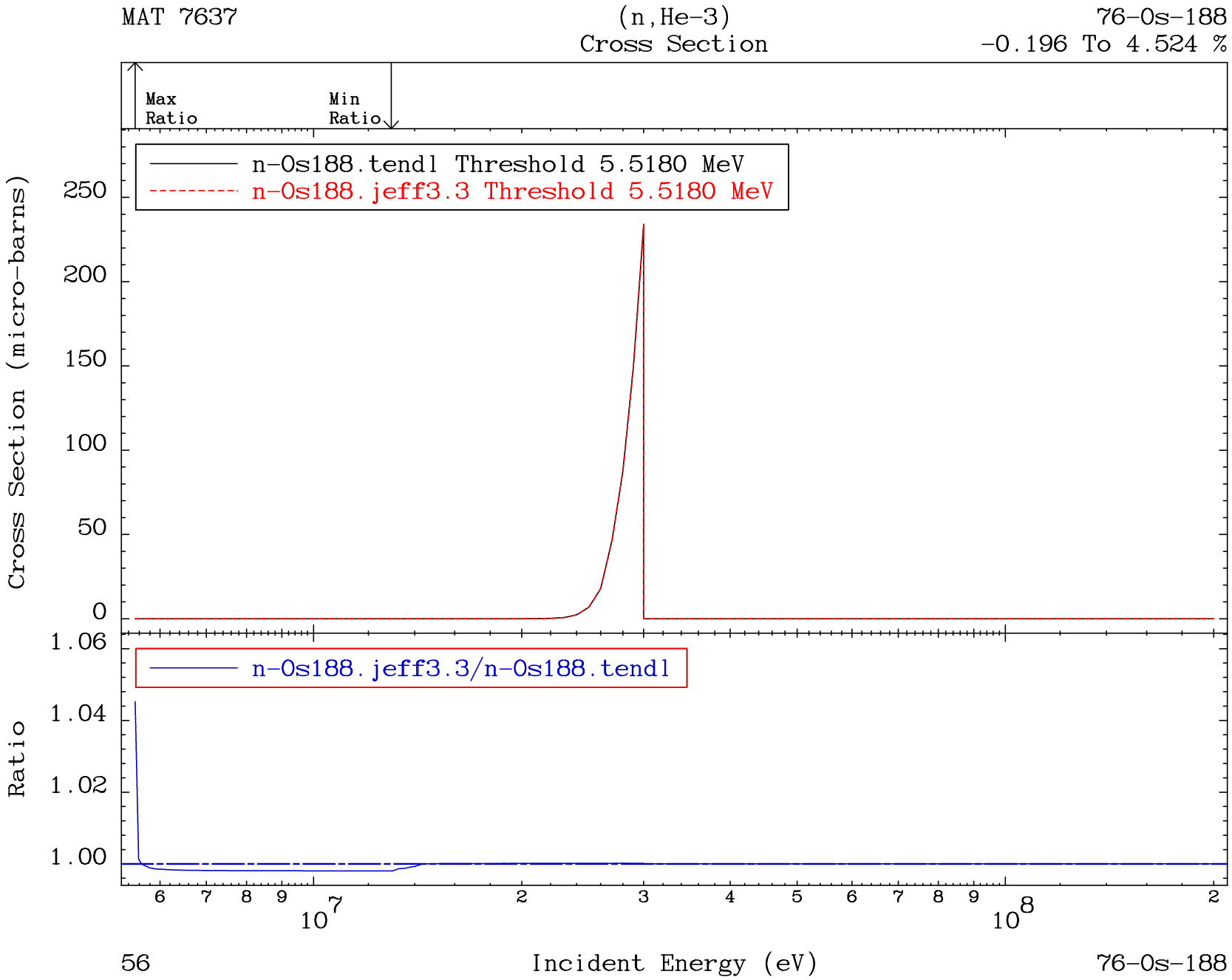

MAT 7637
(n,n') Continuum
Cross Section
76-0s-188
-0.879 To 1.542 %
Min
Ratio
Max
Ratio
n-0s188.tendl Threshold 1.8173 MeV
n-0s188.jeff3.3 Threshold 1.8173 MeV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
0.99
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
51
Incident Energy (eV)
76-0s-188

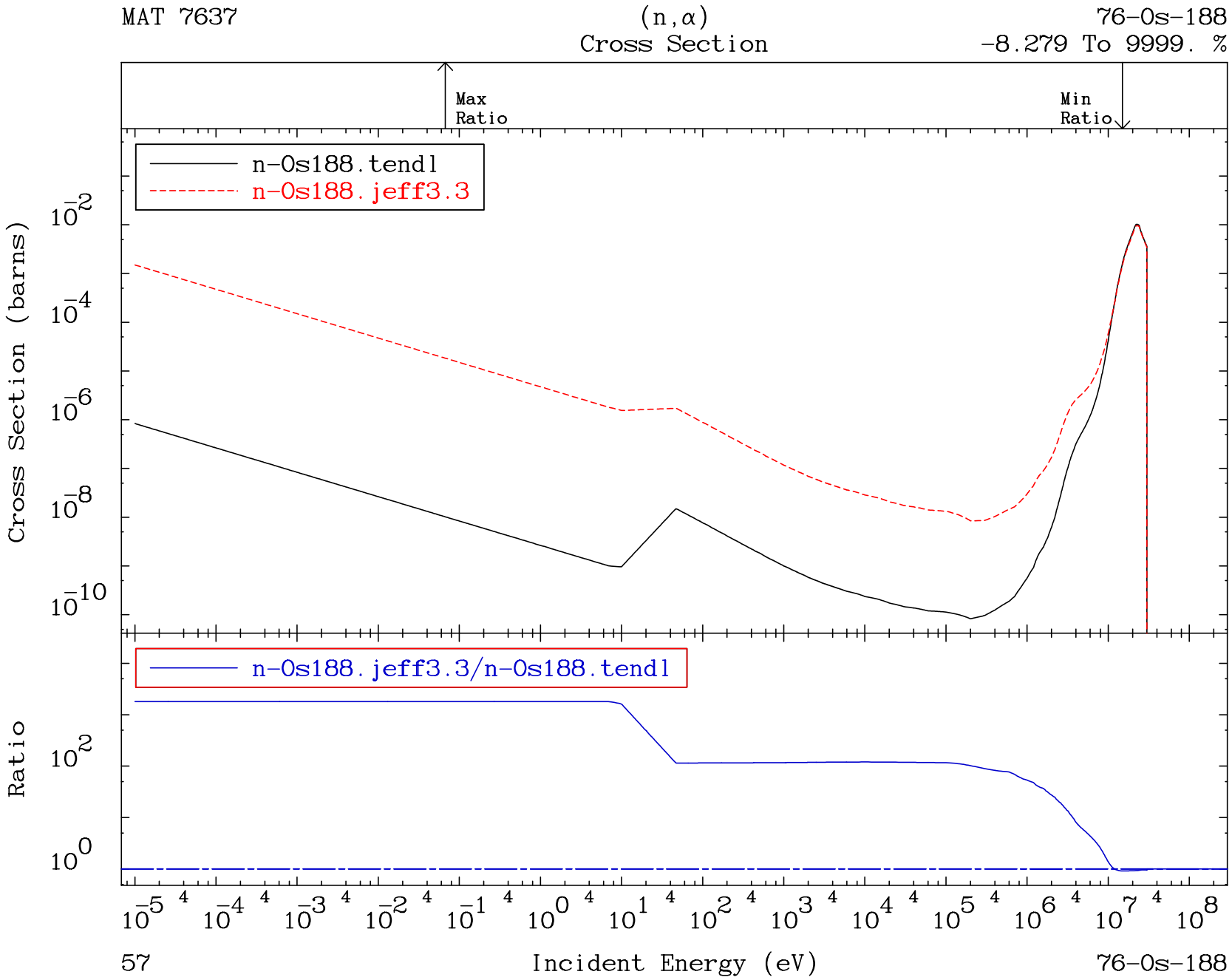

MAT 7637
(n,γ)
Cross Section
76-0s-188
-99.82 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
52
76-0s-188

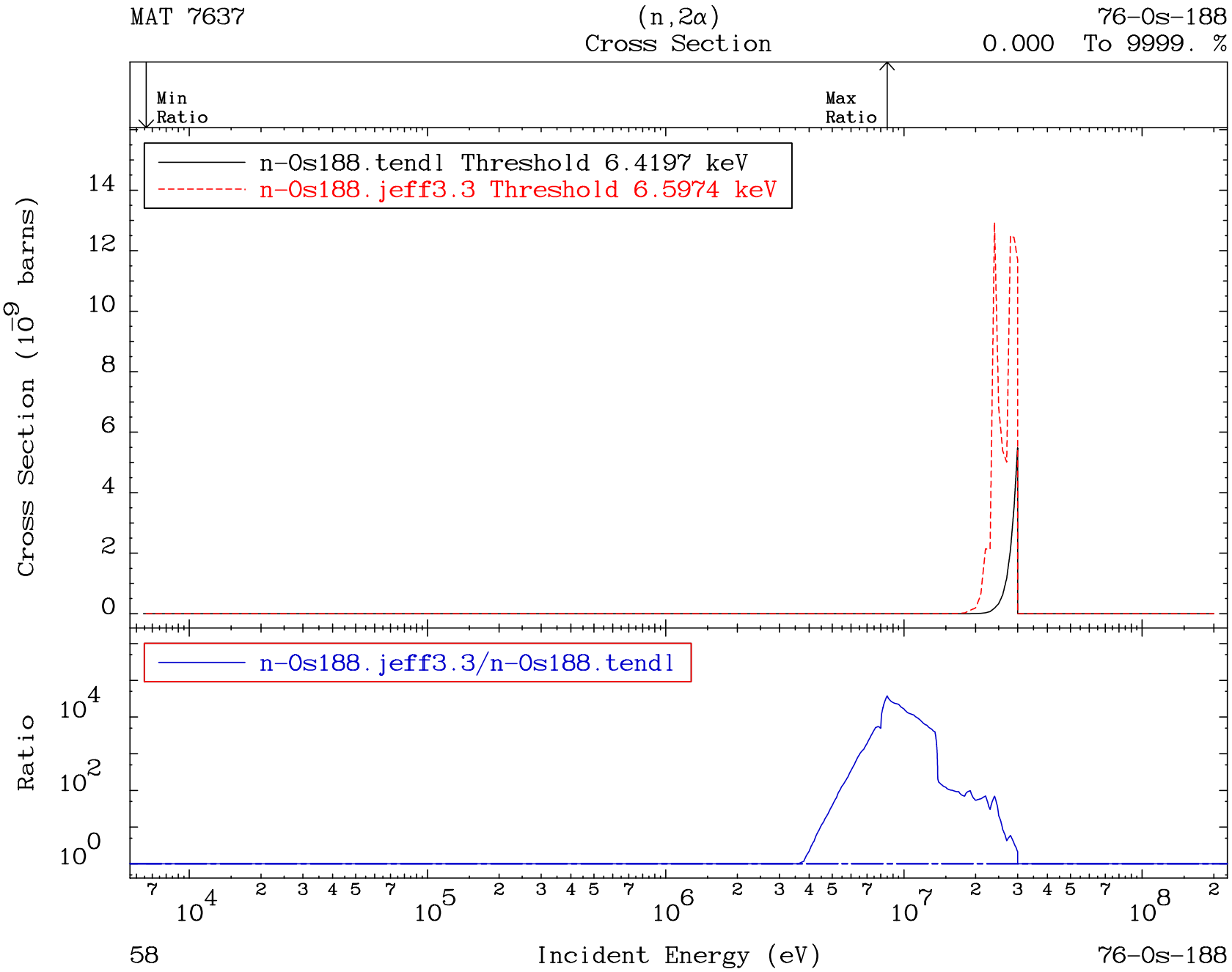

MAT 7637
(n,p)
Cross Section
76-Os-188
-0.026 To 1.543 %
Max Ratio
Min Ratio
n-Os188.tendl Threshold 1.3453 MeV
n-Os188.jeff3.3 Threshold 1.3453 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Os188.jeff3.3/n-Os188.tendl
Ratio
1.02
1.01
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
53
Incident Energy (eV)
76-Os-188

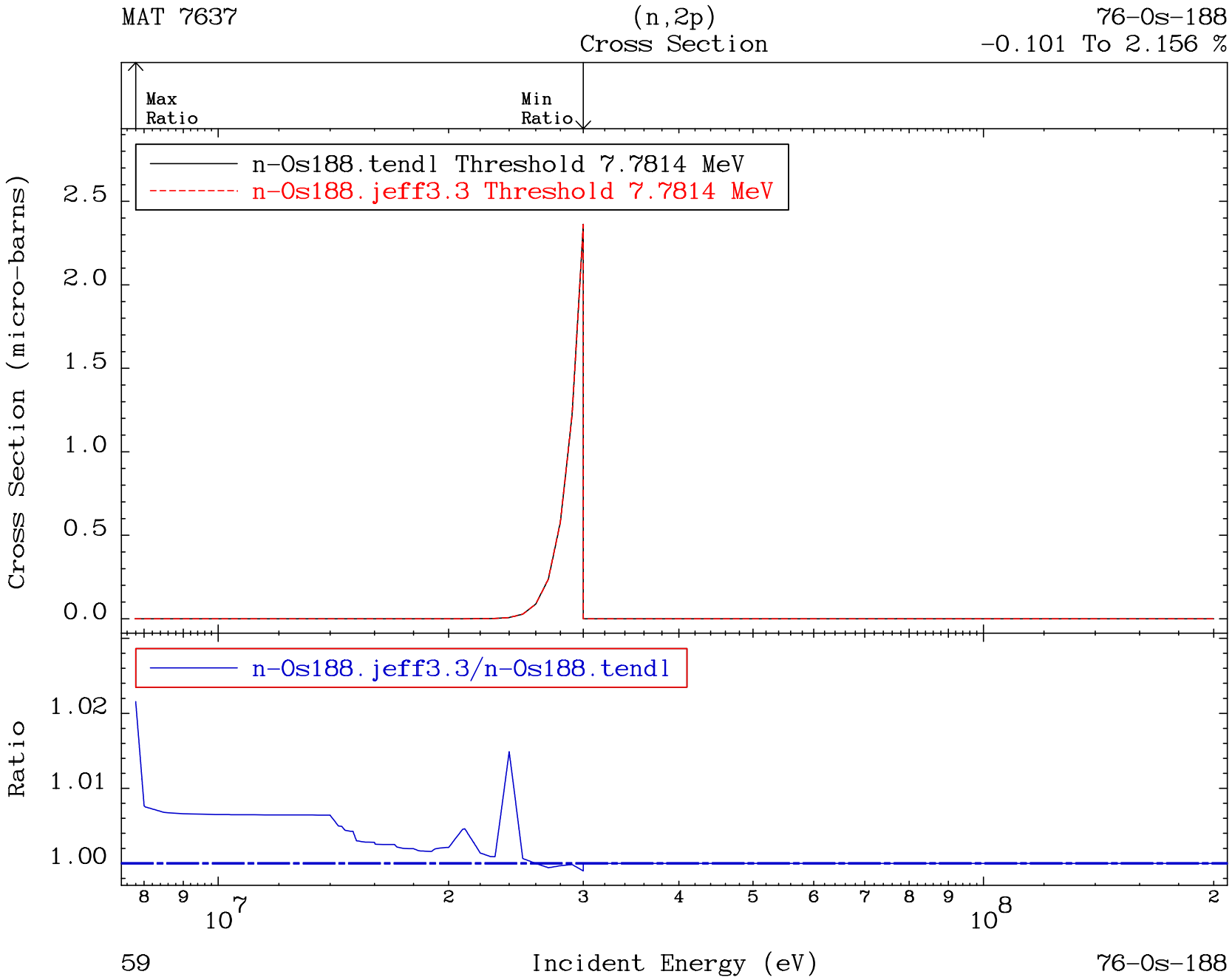

MAT 7637
(n,d)
Cross Section
76-0s-188
-0.344 To 0.011 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 5.0119 MeV
n-0s188.jeff3.3 Threshold 5.0119 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.01
1.00
0.99
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
54
Incident Energy (eV)
76-0s-188

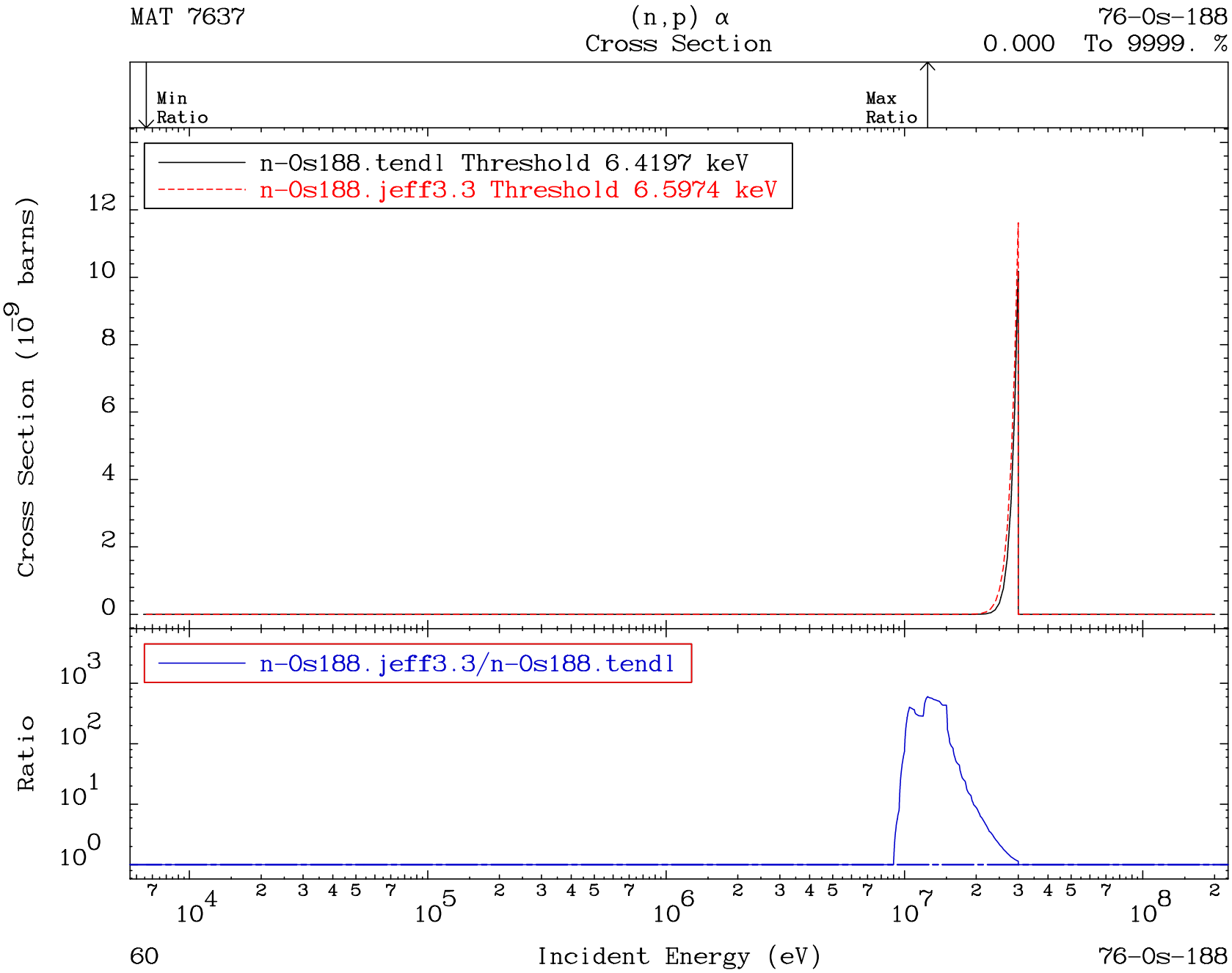

MAT 7637
(n,t)
Cross Section
76-0s-188
0.000 To 8.524 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 6.1213 MeV
n-0s188.jeff3.3 Threshold 6.1198 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
1.05
1.10
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
55
Incident Energy (eV)
76-0s-188

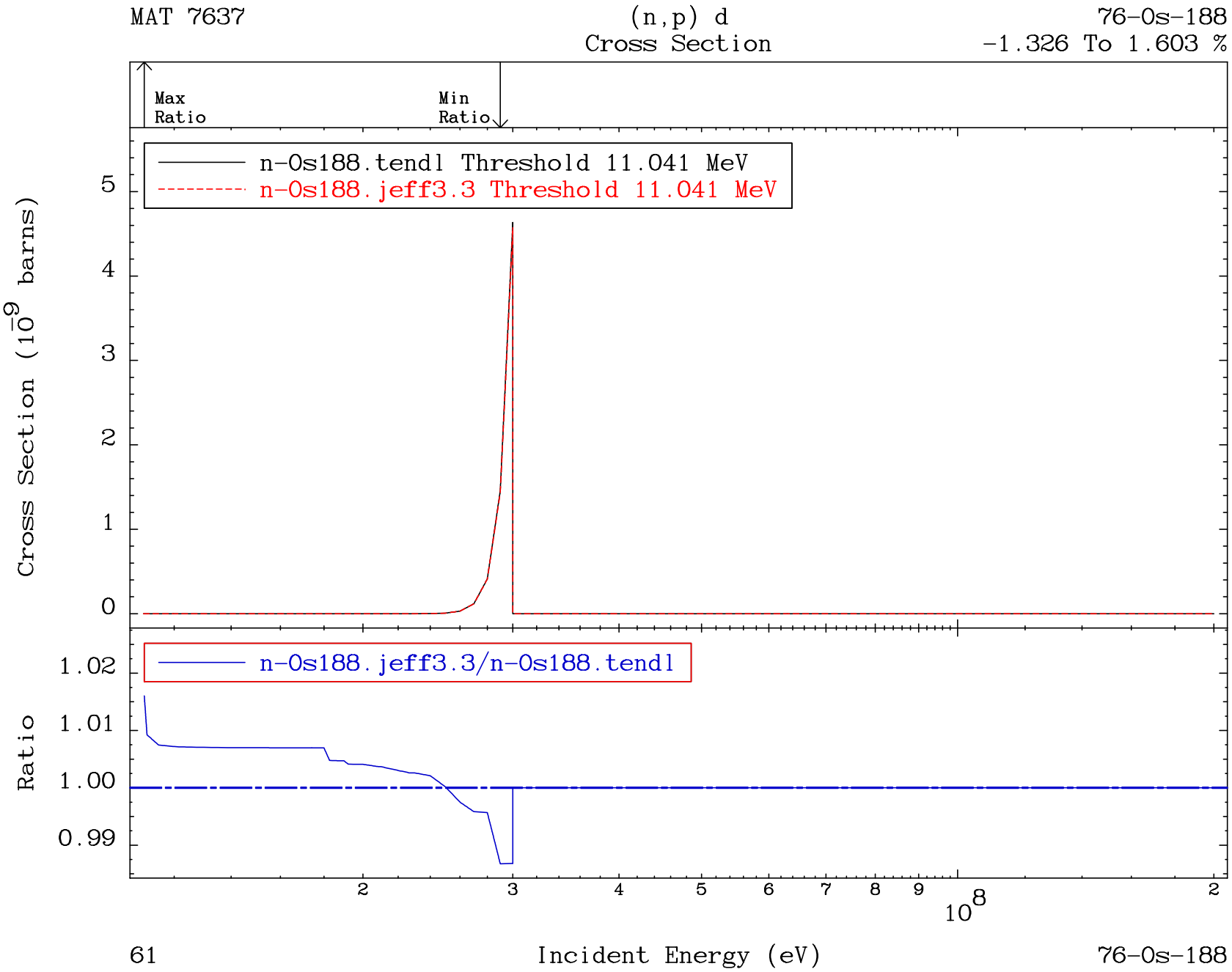

MAT 7637
(n,He-3)
Cross Section
76-0s-188
-0.196 To 4.524 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 5.5180 MeV
n-0s188.jeff3.3 Threshold 5.5180 MeV
Cross Section (micro-barns)
250
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.06
1.04
1.02
1.00
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
56
Incident Energy (eV)
76-0s-188

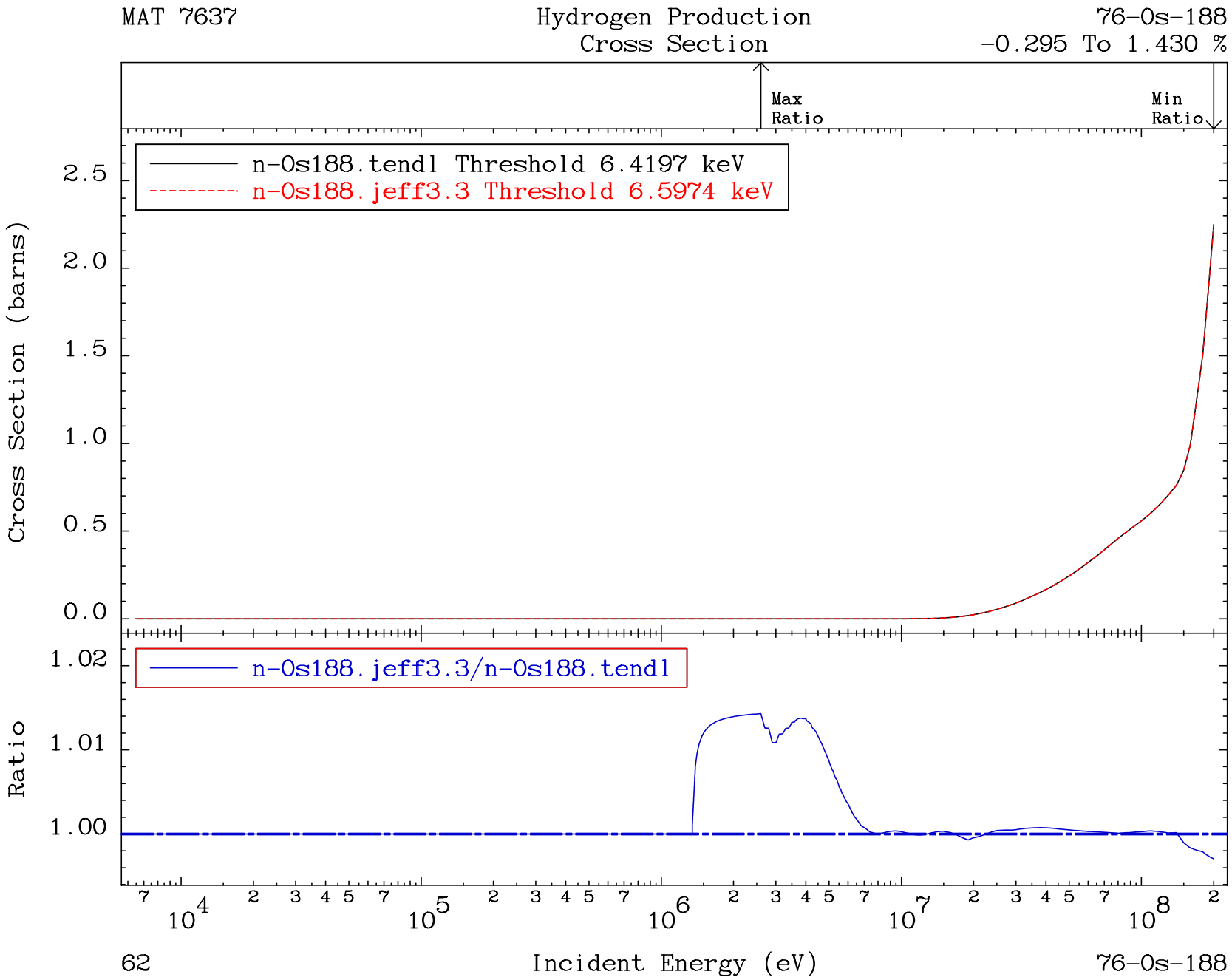

MAT 7637
(n,α)
Cross Section
76-0s-188
-8.279 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
57
76-0s-188

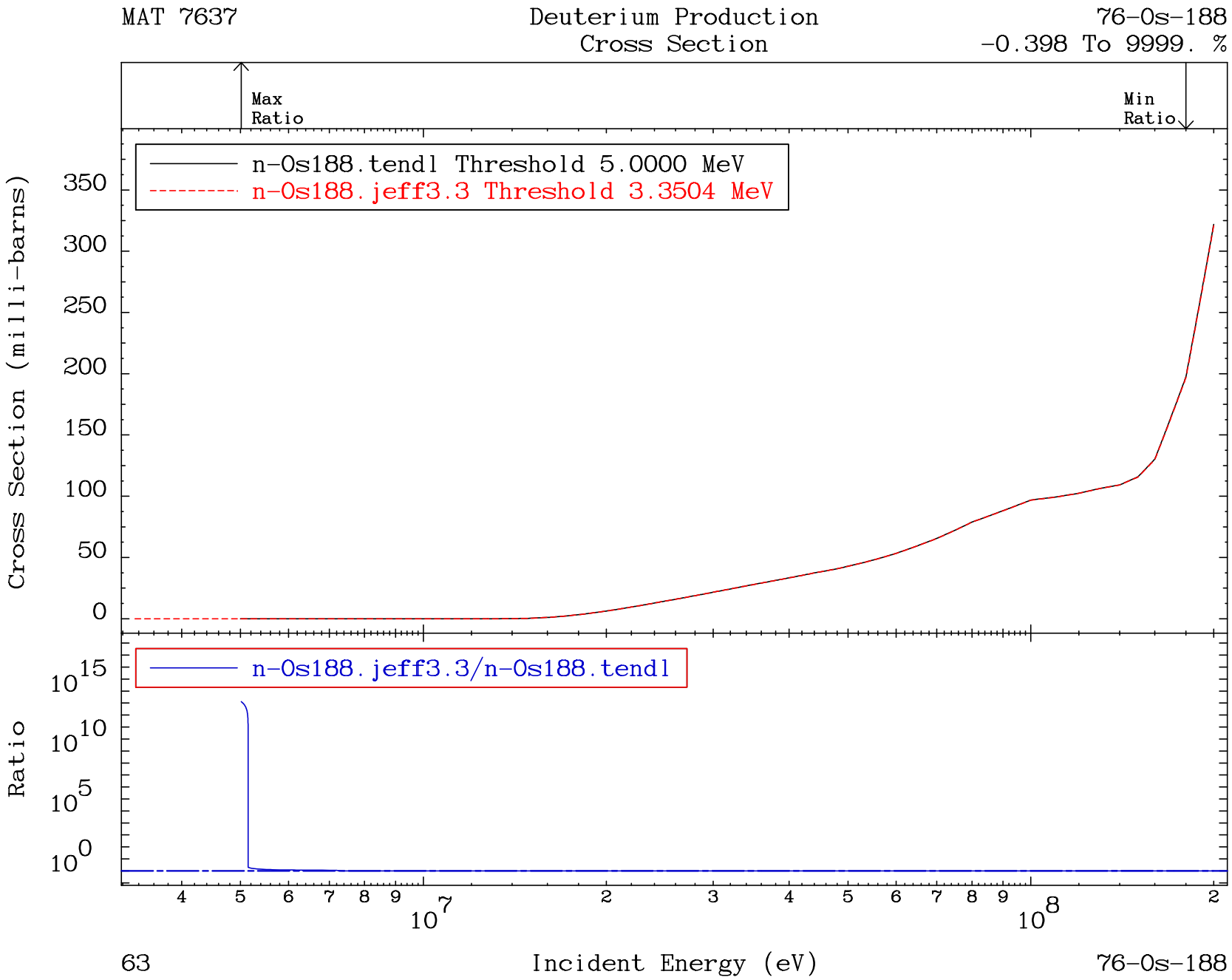

MAT 7637
(n,2α)
Cross Section
76-0s-188
0.000 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 6.4197 keV
n-0s188.jeff3.3 Threshold 6.5974 keV
Cross Section (10^{-9} barns)
14
12
10
8
6
4
2
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^4
10^2
10^0
7 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2
10^4 10^5 10^6 10^7 10^8
58
Incident Energy (eV)
76-0s-188

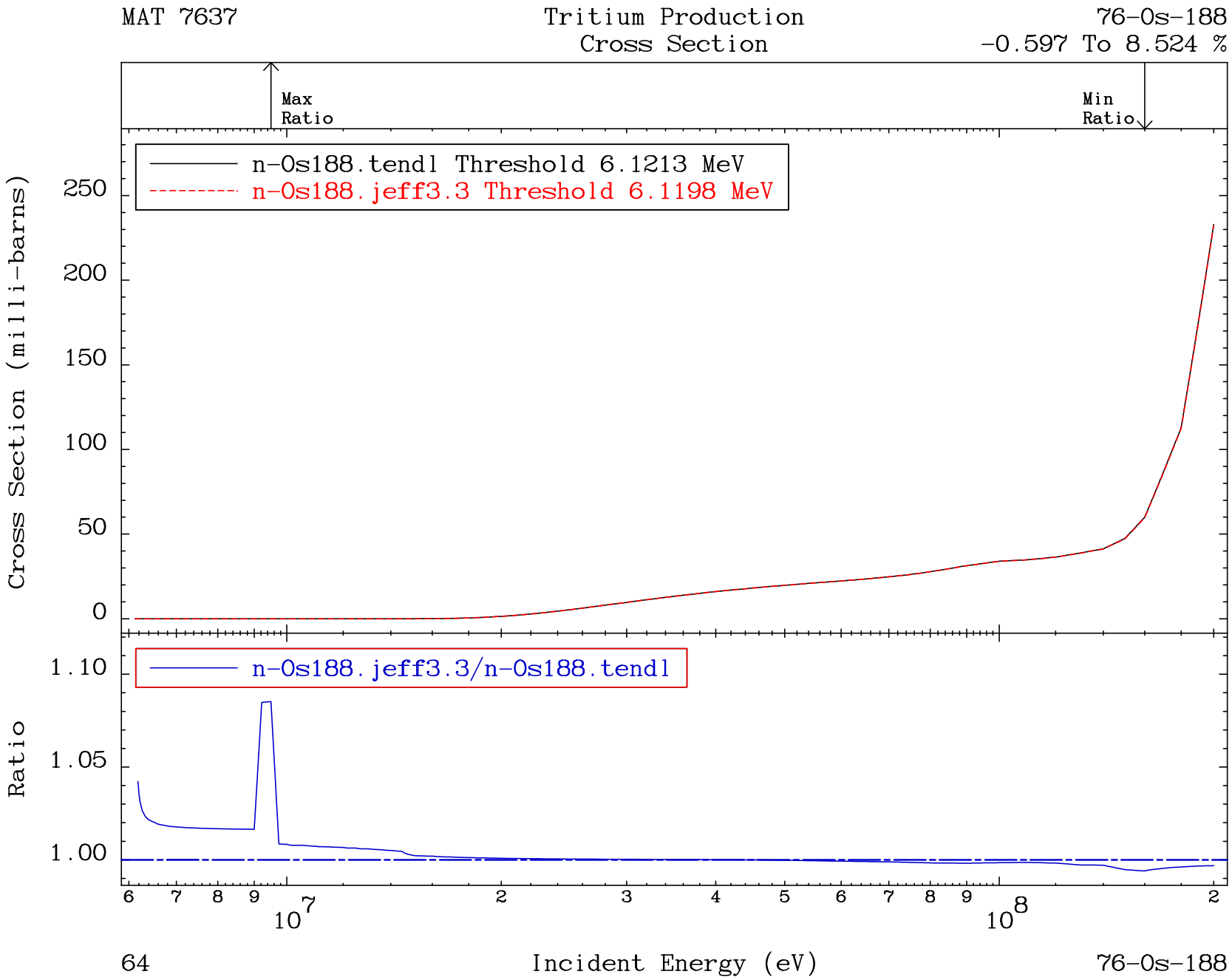

MAT 7637
(n,2p)
Cross Section
76-0s-188
-0.101 To 2.156 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 7.7814 MeV
n-0s188.jeff3.3 Threshold 7.7814 MeV
Cross Section (micro-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
59
Incident Energy (eV)
76-0s-188

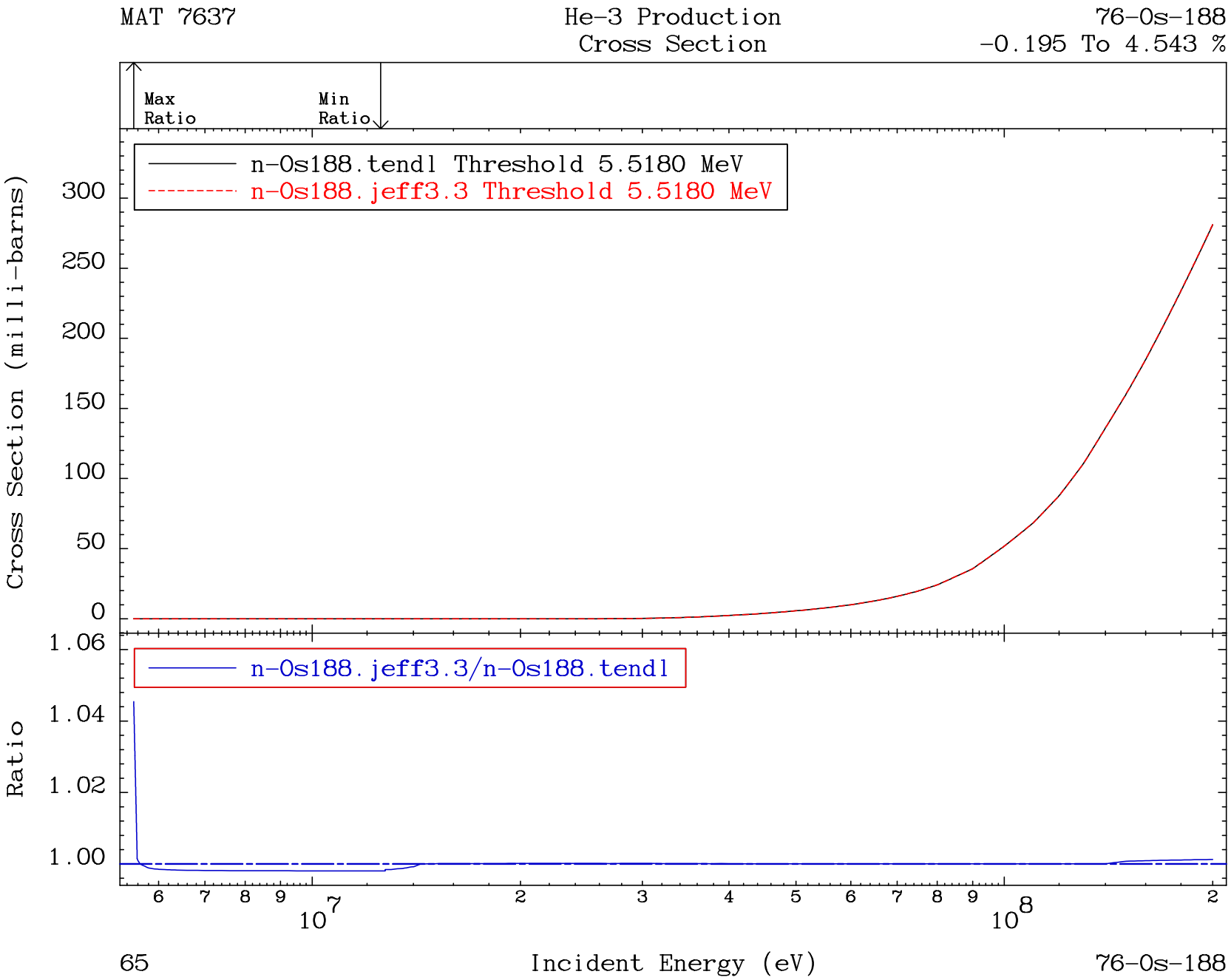

MAT 7637
(n,p) α
Cross Section
76-0s-188
0.000 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 6.4197 keV
n-0s188.jeff3.3 Threshold 6.5974 keV
Cross Section (10^{-9} barns)
0
2
4
6
8
10
12
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
Incident Energy (eV)
60
76-0s-188

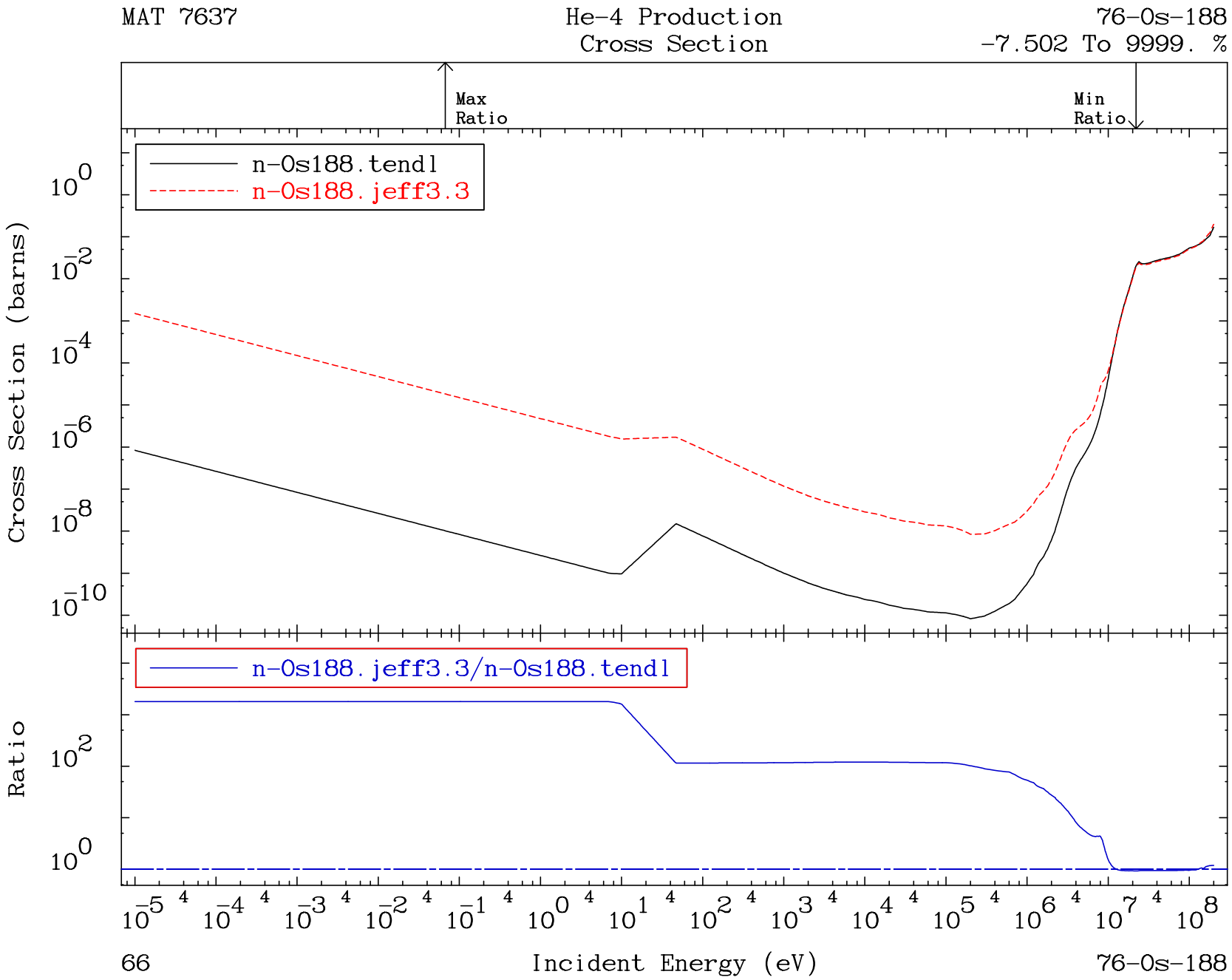

MAT 7637
(n,p) d
Cross Section
76-0s-188
-1.326 To 1.603 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 11.041 MeV
n-0s188.jeff3.3 Threshold 11.041 MeV
Cross Section (10^{-9} barns)
0
1
2
3
4
5
n-0s188.jeff3.3/n-0s188.tendl
Ratio
0.99
1.00
1.01
1.02
2
3
4
5
6
7
8
9
10^{8}
2
61
Incident Energy (eV)
76-0s-188

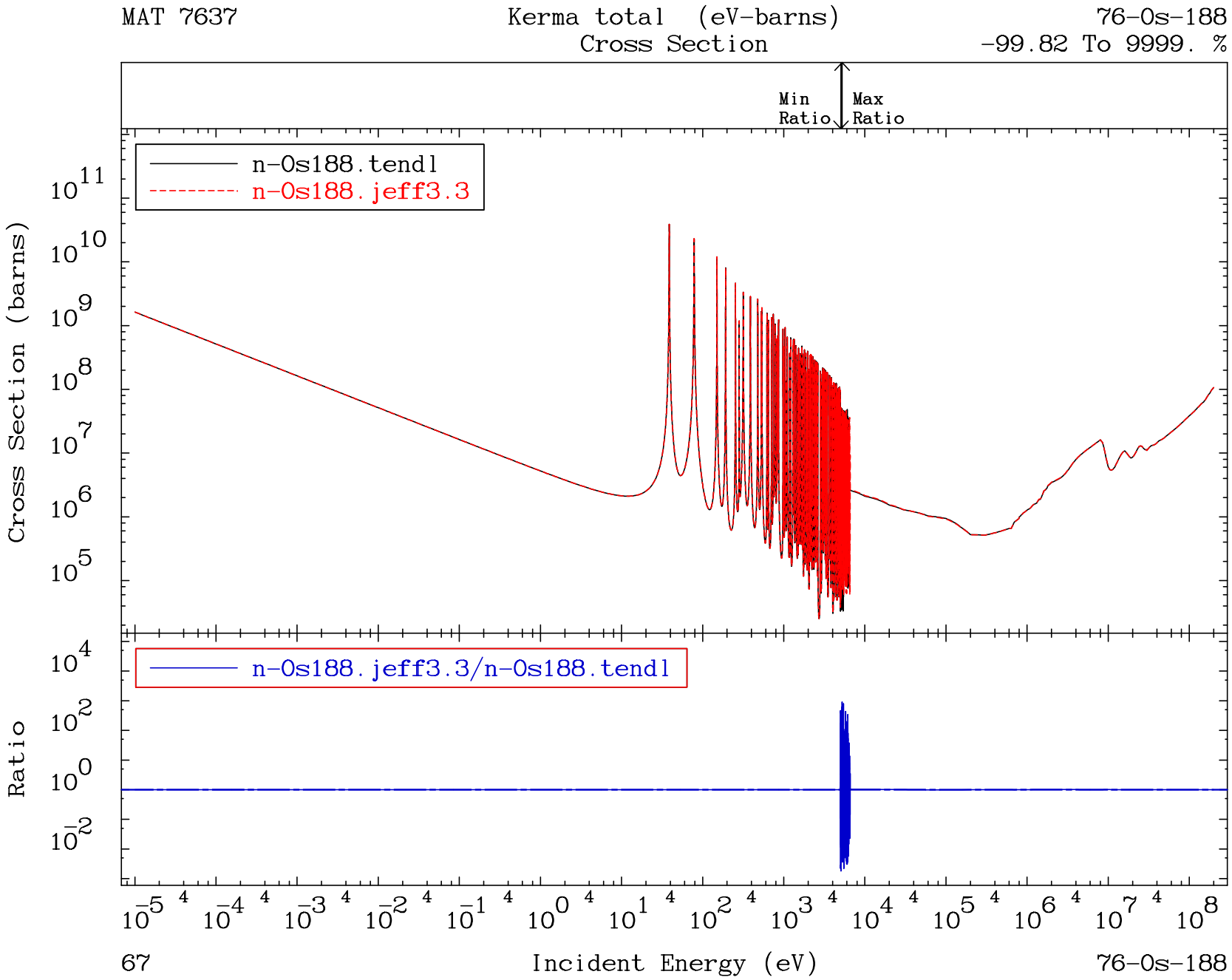

MAT 7637
Hydrogen Production
Cross Section
76-0s-188
-0.295 To 1.430 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 6.4197 keV
n-0s188.jeff3.3 Threshold 6.5974 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
7 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2 3 4 5 7 2
10^4 10^5 10^6 10^7 10^8
62
Incident Energy (eV)
76-0s-188

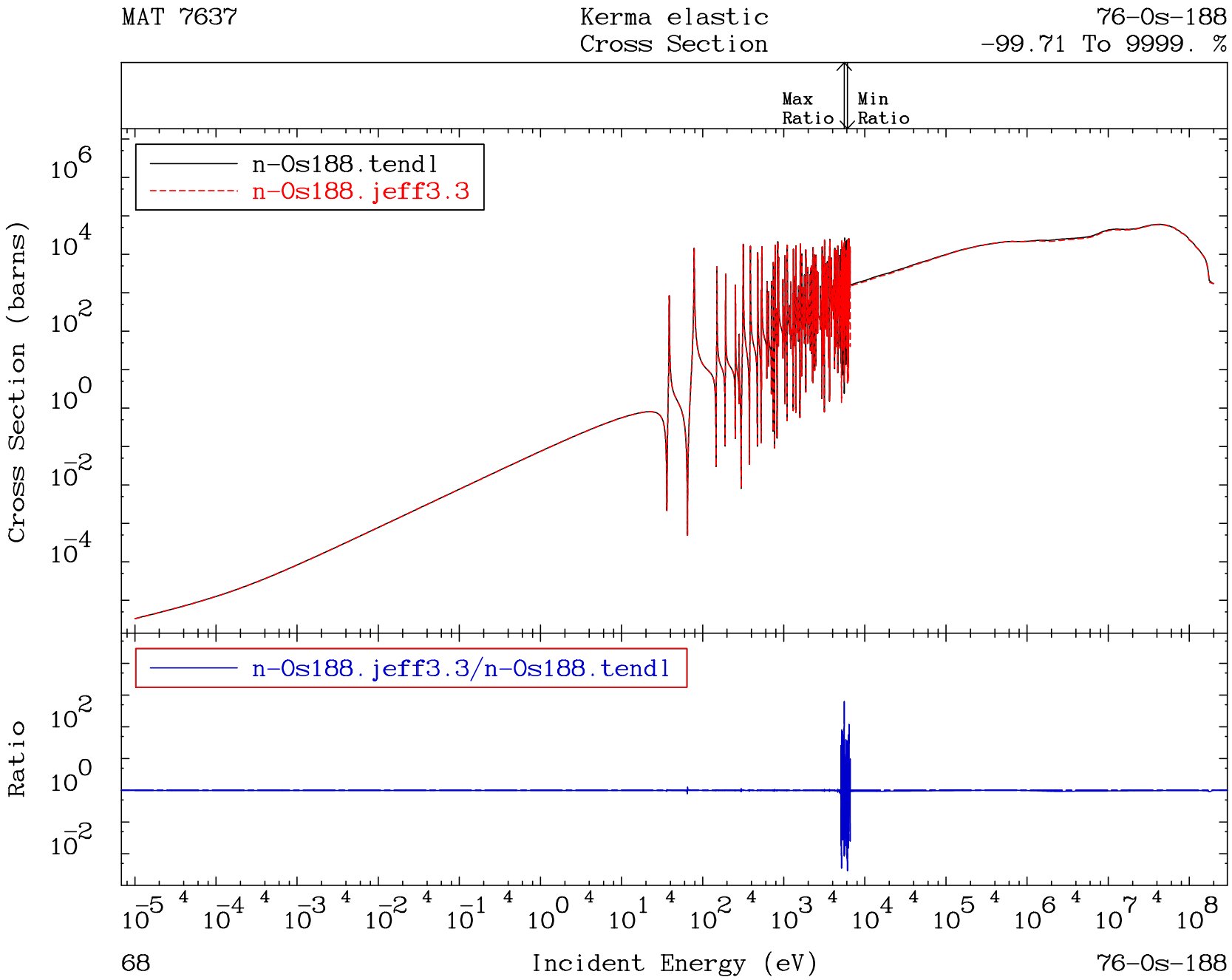

MAT 7637
Deuterium Production
Cross Section
76-0s-188
-0.398 To 9999. %
Max
Ratio
Min
Ratio
n-0s188.tendl Threshold 5.0000 MeV
n-0s188.jeff3.3 Threshold 3.3504 MeV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
10^15
10^10
10^5
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
63
Incident Energy (eV)
76-0s-188

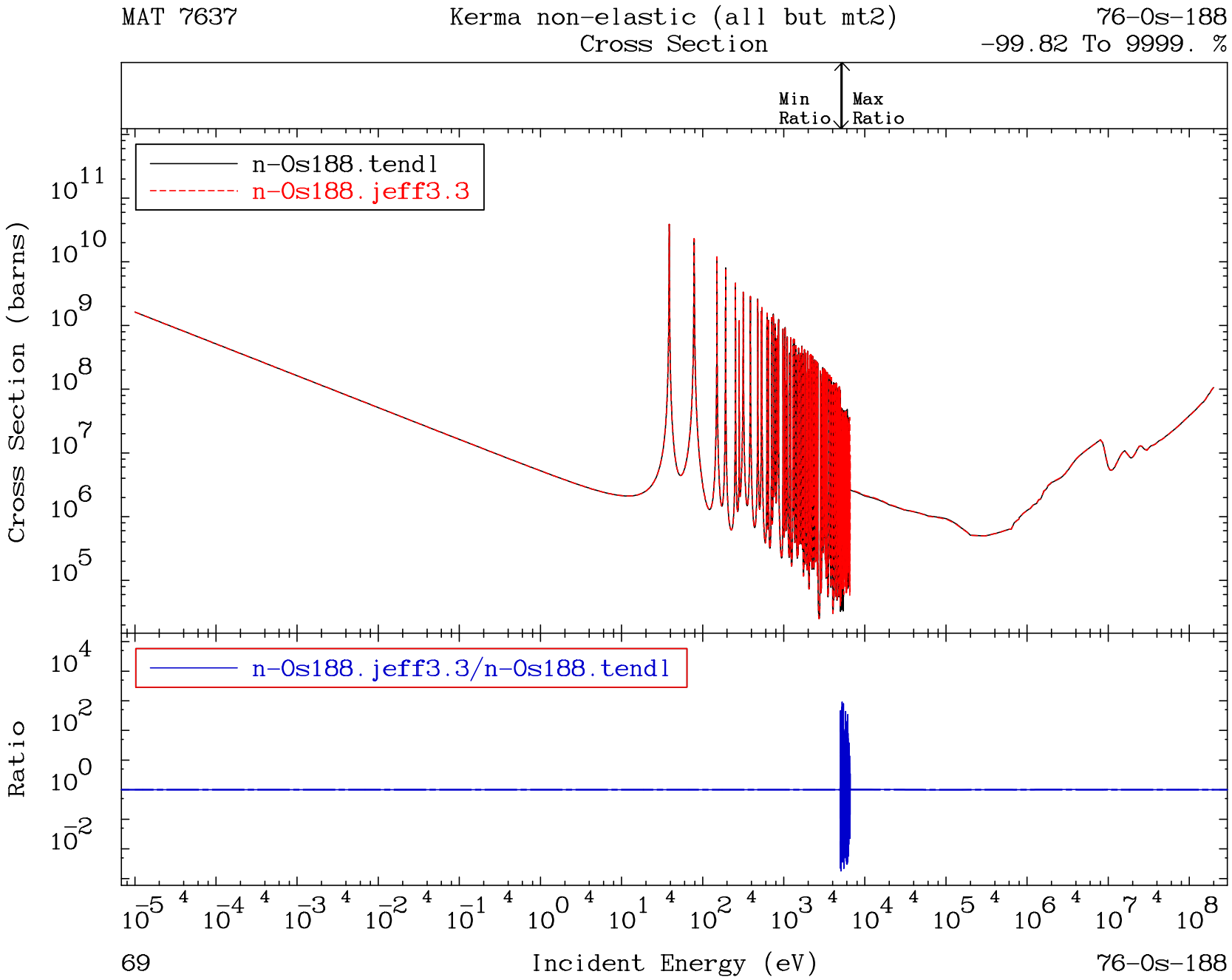

MAT 7637
Tritium Production
Cross Section
76-0s-188
-0.597 To 8.524 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 6.1213 MeV
n-0s188.jeff3.3 Threshold 6.1198 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.10
1.05
1.00
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
64
Incident Energy (eV)
76-0s-188

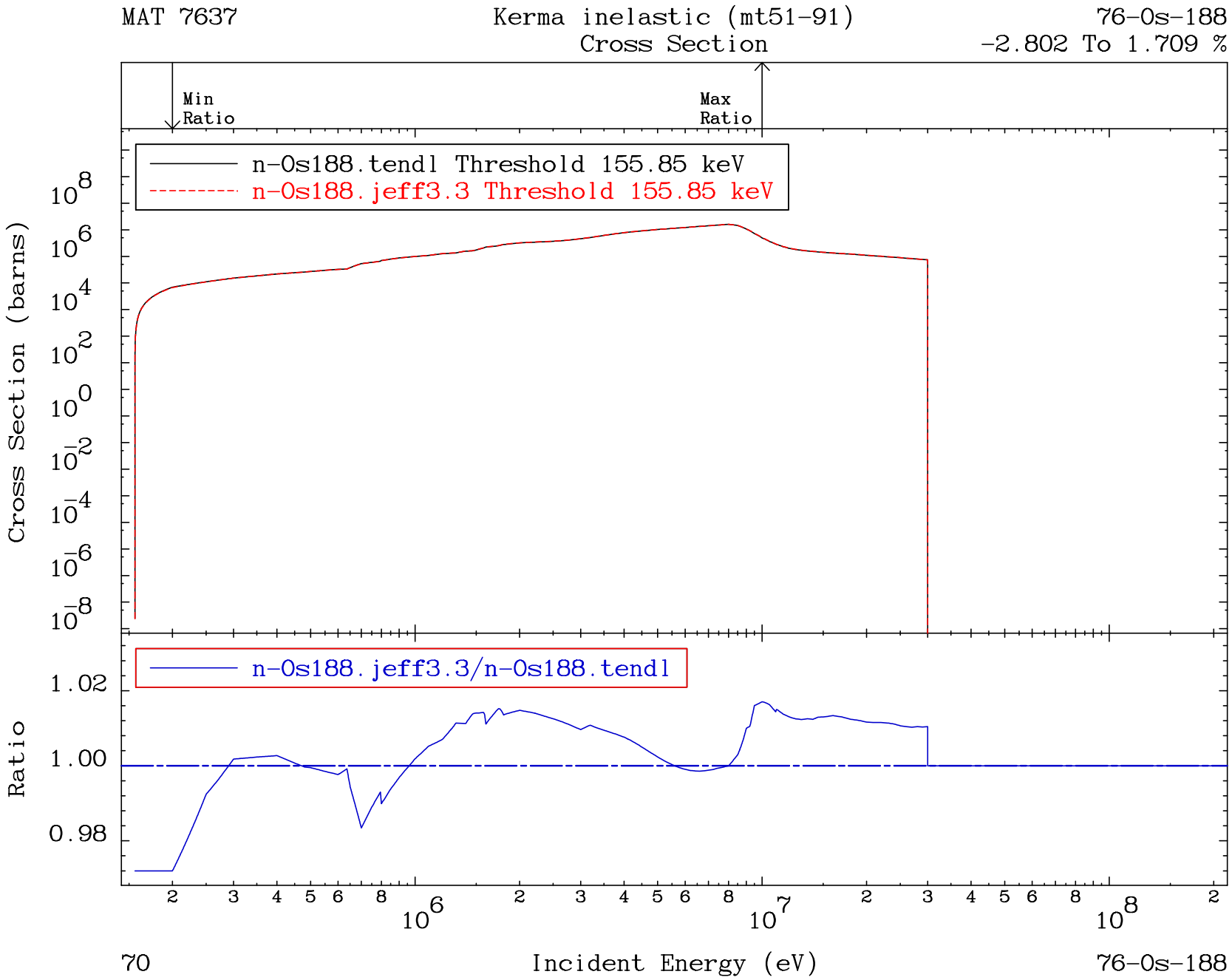

MAT 7637
He-3 Production
Cross Section
76-0s-188
-0.195 To 4.543 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 5.5180 MeV
n-0s188.jeff3.3 Threshold 5.5180 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.06
1.04
1.02
1.00
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
65
Incident Energy (eV)
76-0s-188

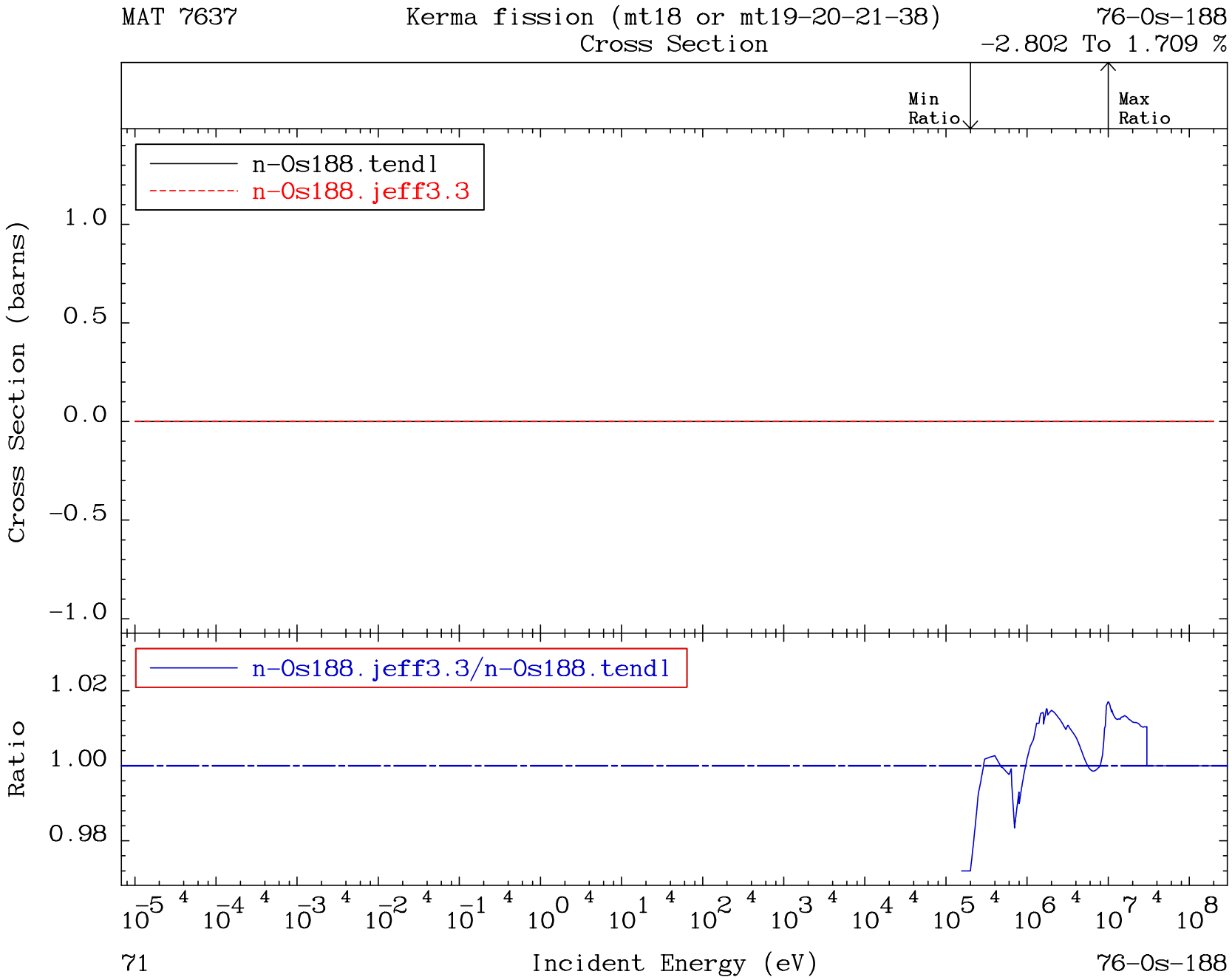

MAT 7637
He-4 Production
Cross Section
76-0s-188
-7.502 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
66
76-0s-188

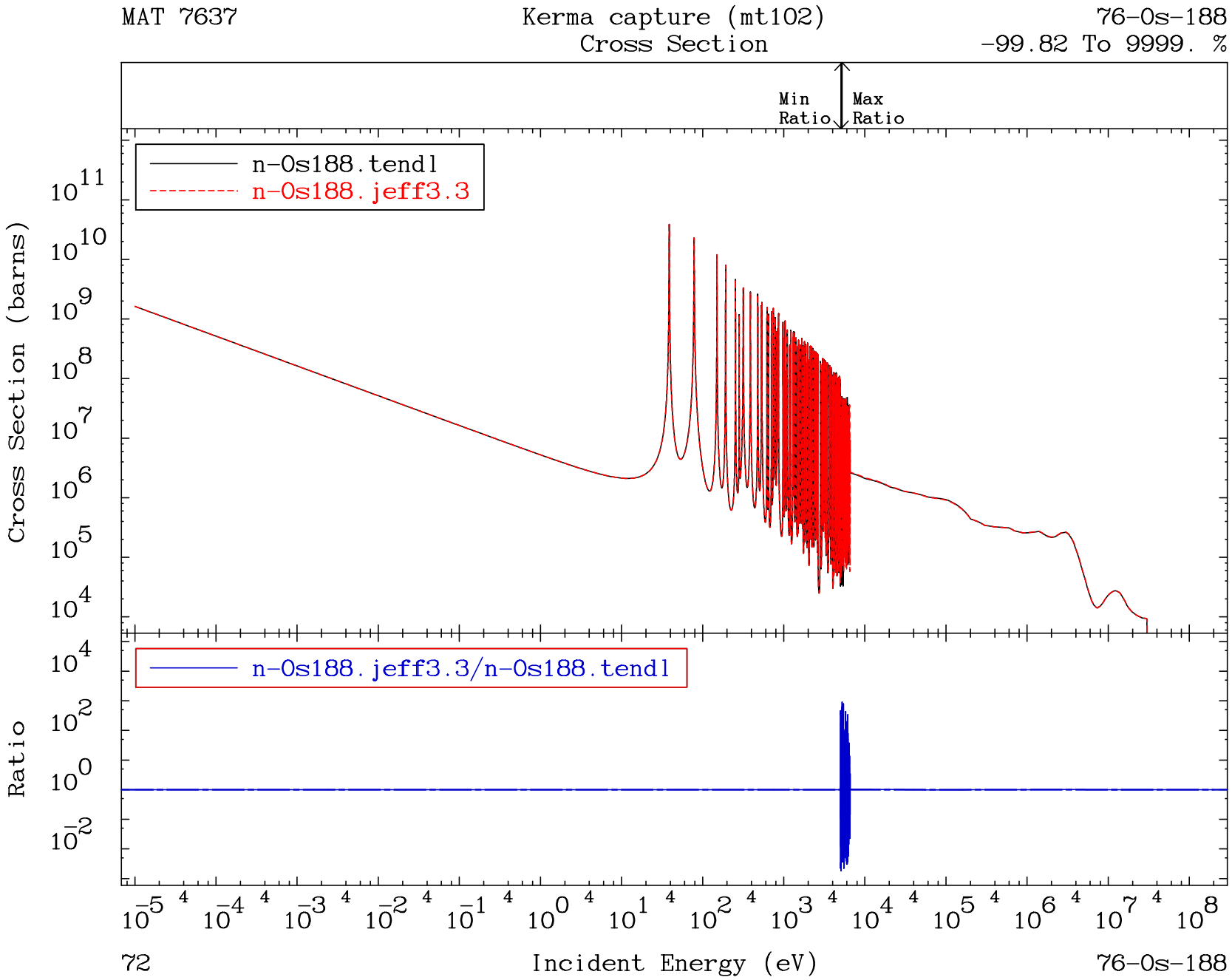

MAT 7637
Kerma total (eV-barns)
Cross Section
76-0s-188
-99.82 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
67
76-0s-188

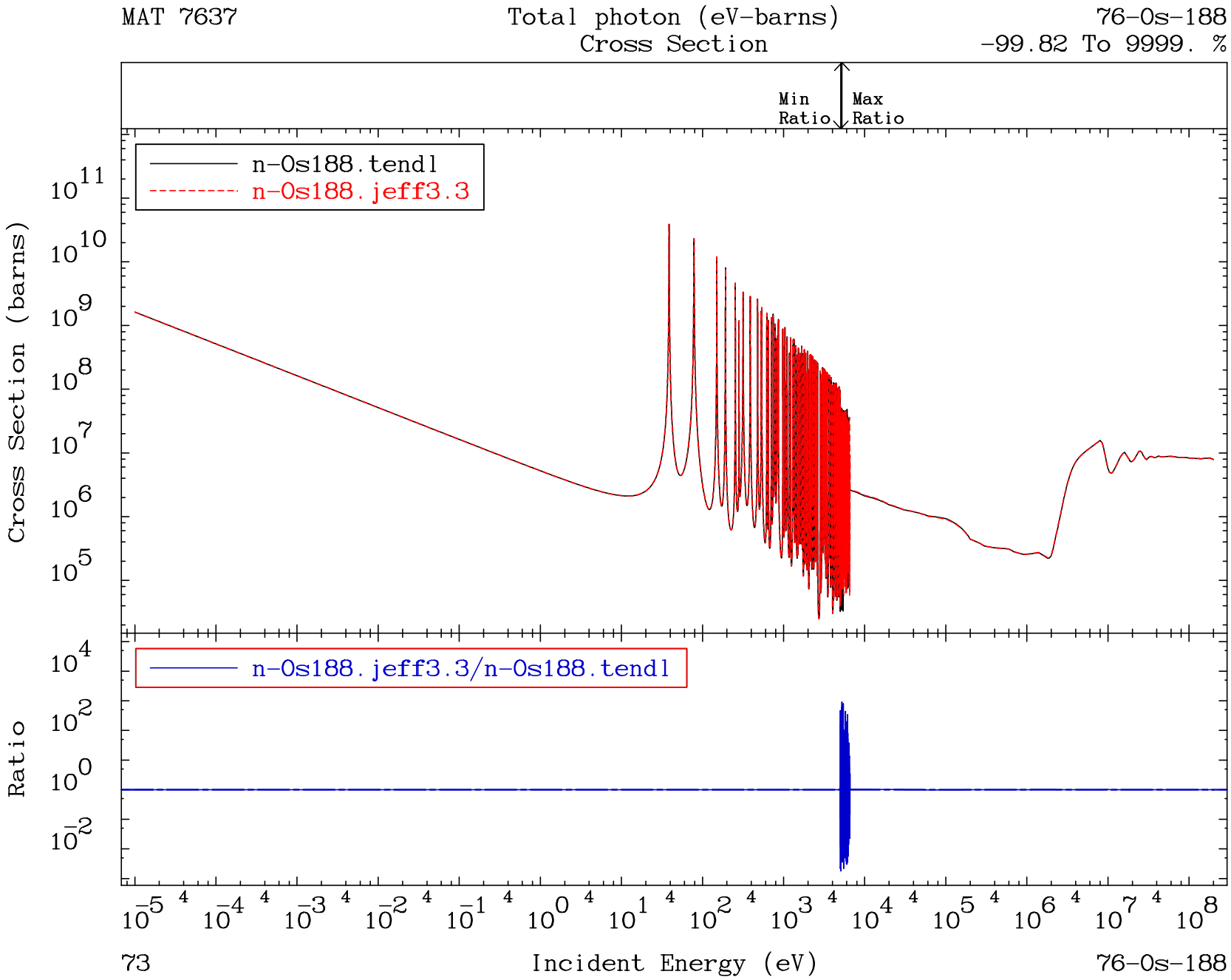

MAT 7637
Kerma elastic
Cross Section
76-0s-188
-99.71 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
68
76-0s-188

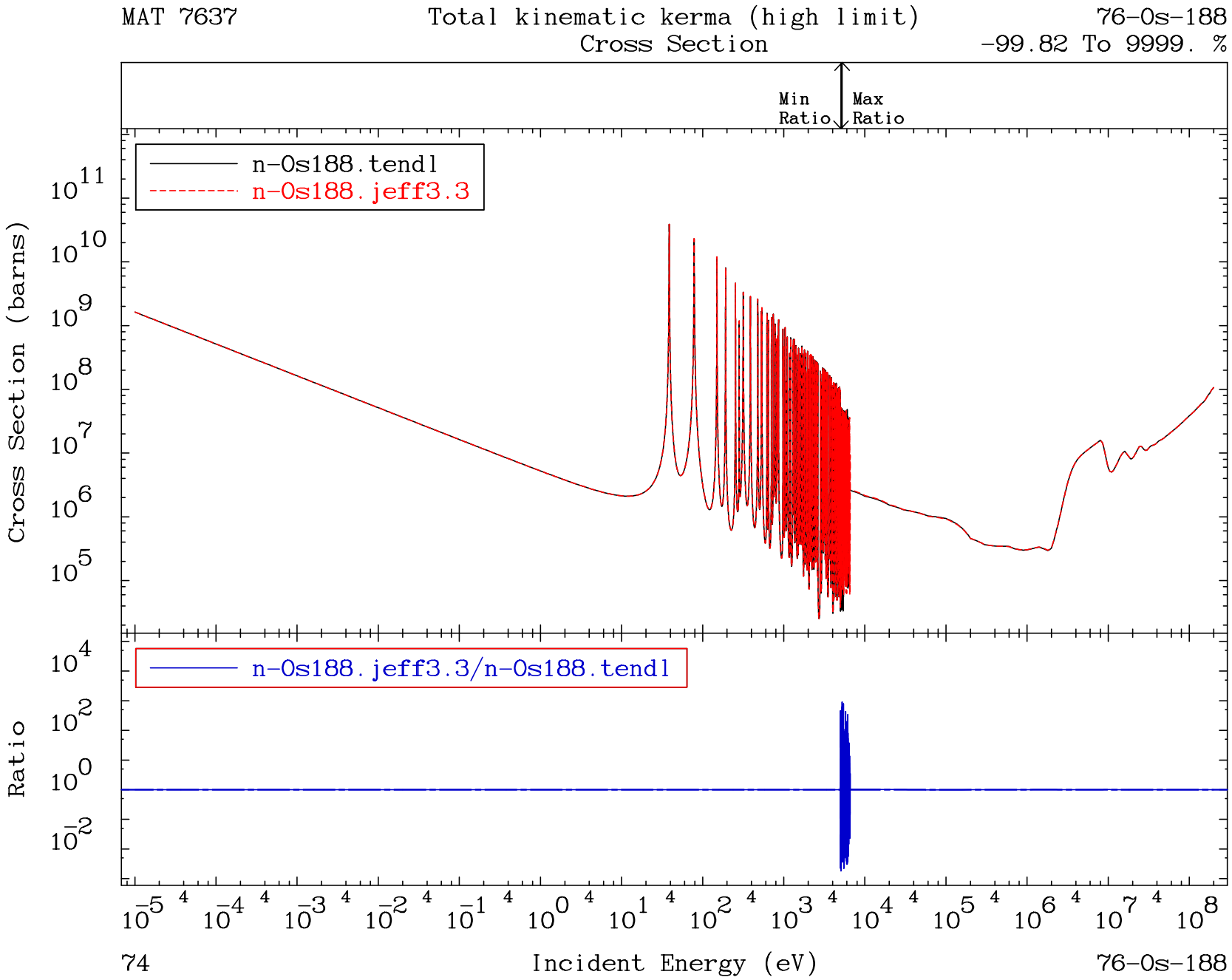

MAT 7637
Kerma non-elastic (all but mt2)
Cross Section
76-0s-188
-99.82 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
Ratio
n-0s188.jeff3.3/n-0s188.tendl
Incident Energy (eV)
69
76-0s-188

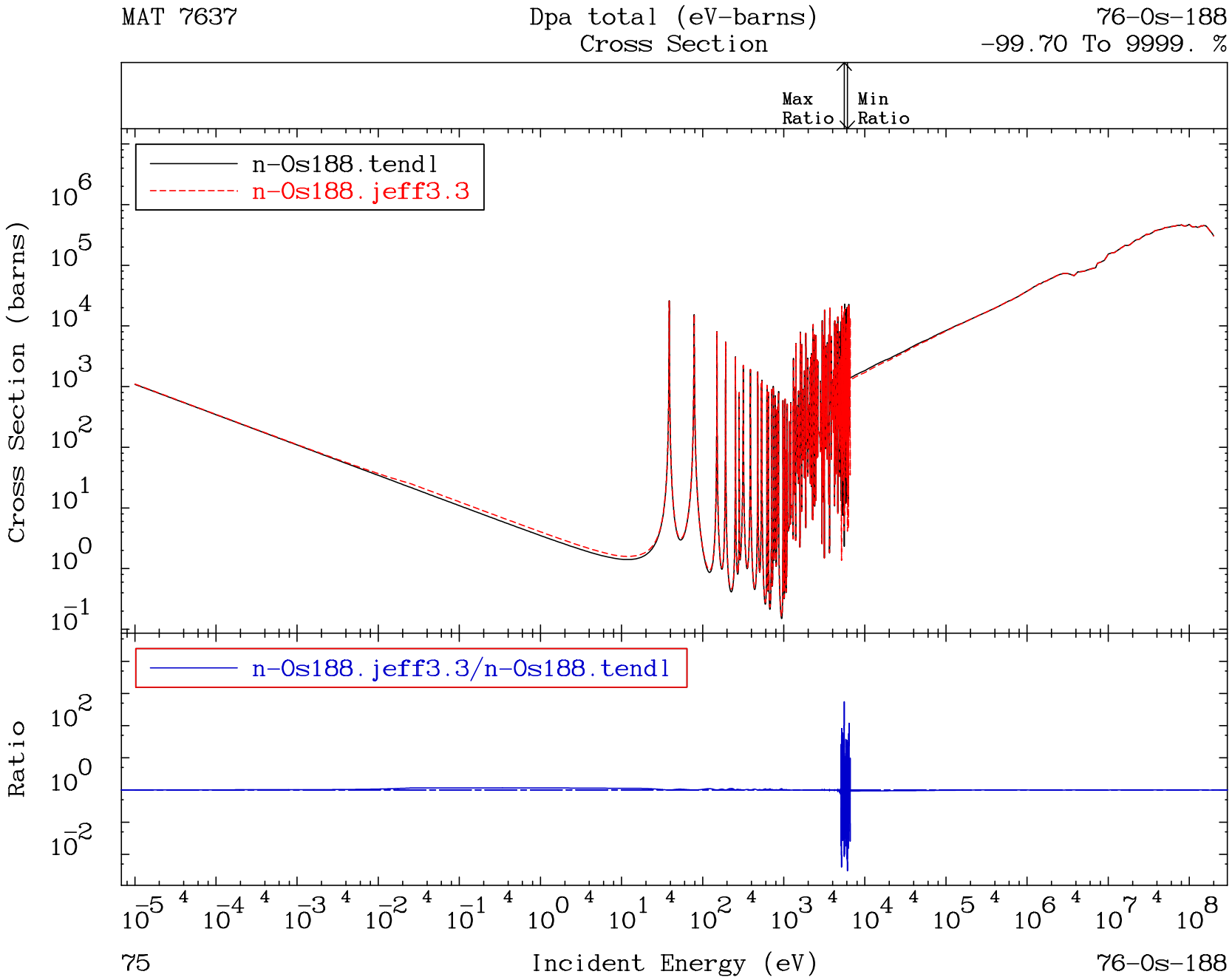

MAT 7637
Kerma inelastic (mt51-91)
Cross Section
76-0s-188
-2.802 To 1.709 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 155.85 keV
n-0s188.jeff3.3 Threshold 155.85 keV
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
70
76-0s-188

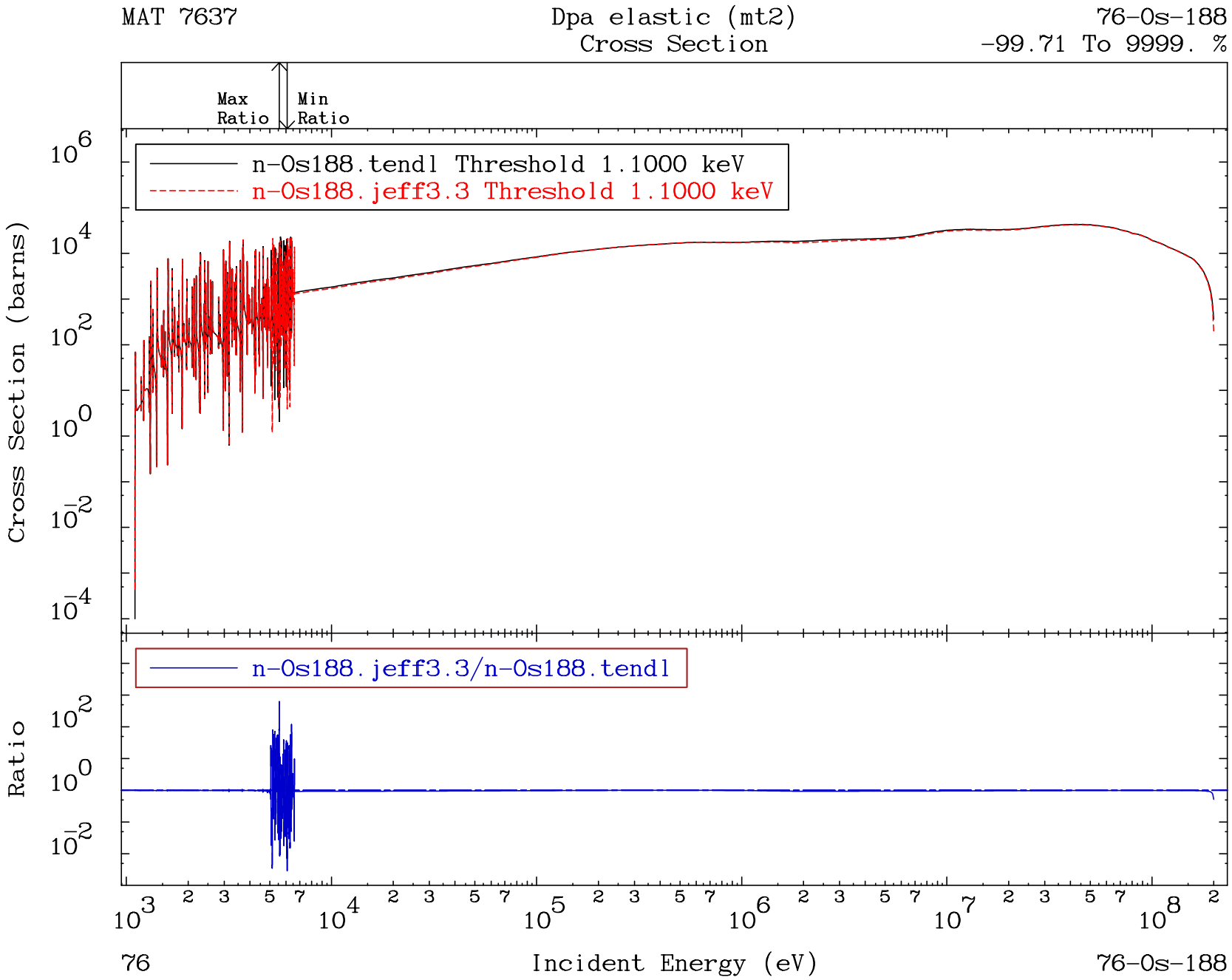

MAT 7637
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
76-0s-188
-2.802 To 1.709 %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.00
0.98
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
71
Incident Energy (eV)
76-0s-188

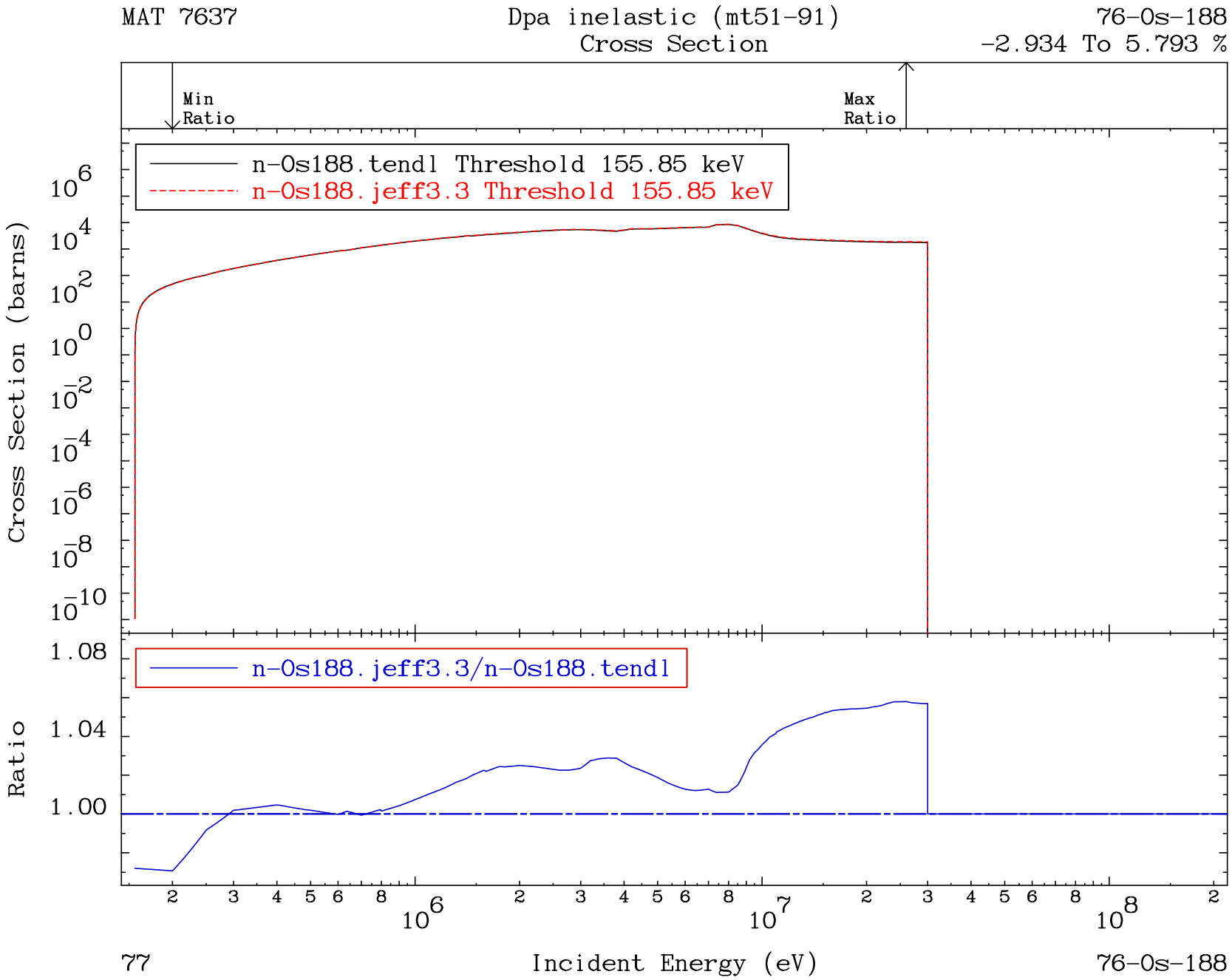

MAT 7637
Kerma capture (mt102)
Cross Section
76-0s-188
-99.82 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
72
76-0s-188

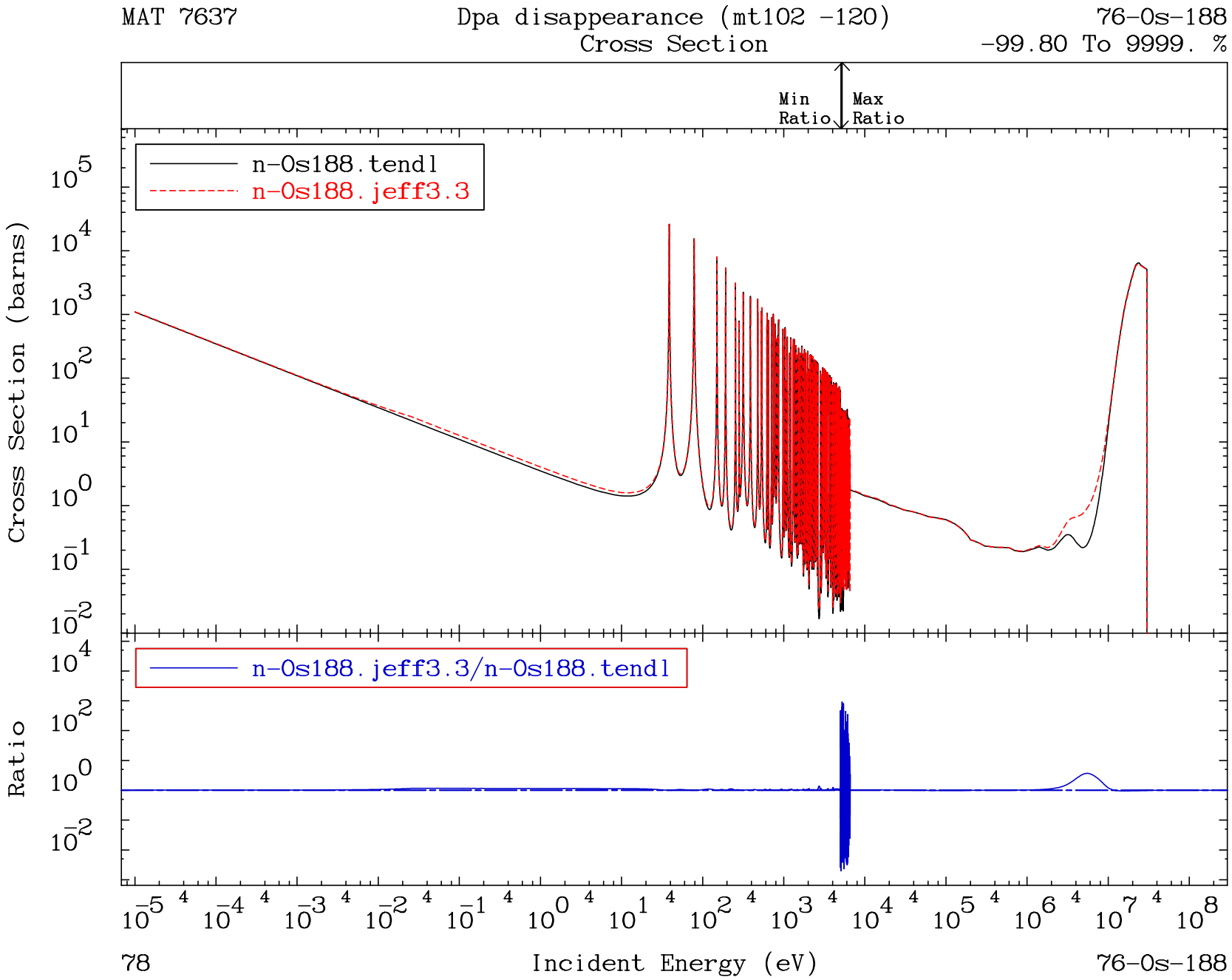

MAT 7637
Total photon (eV-barns)
Cross Section
76-0s-188
-99.82 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
Ratio
n-0s188.jeff3.3/n-0s188.tendl
Incident Energy (eV)
73
76-0s-188

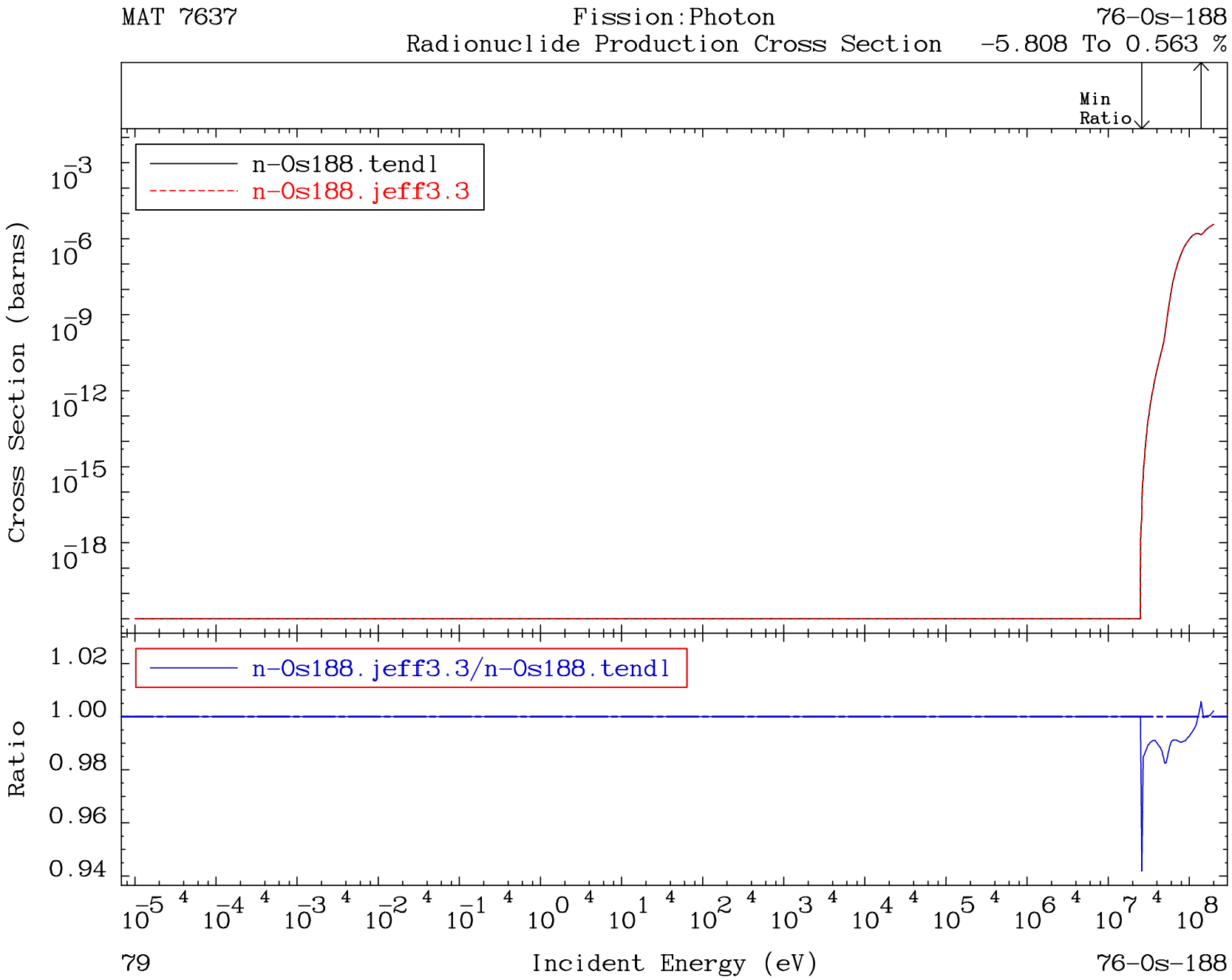

MAT 7637
Total kinematic kerma (high limit)
Cross Section
76-0s-188
-99.82 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
74
76-0s-188

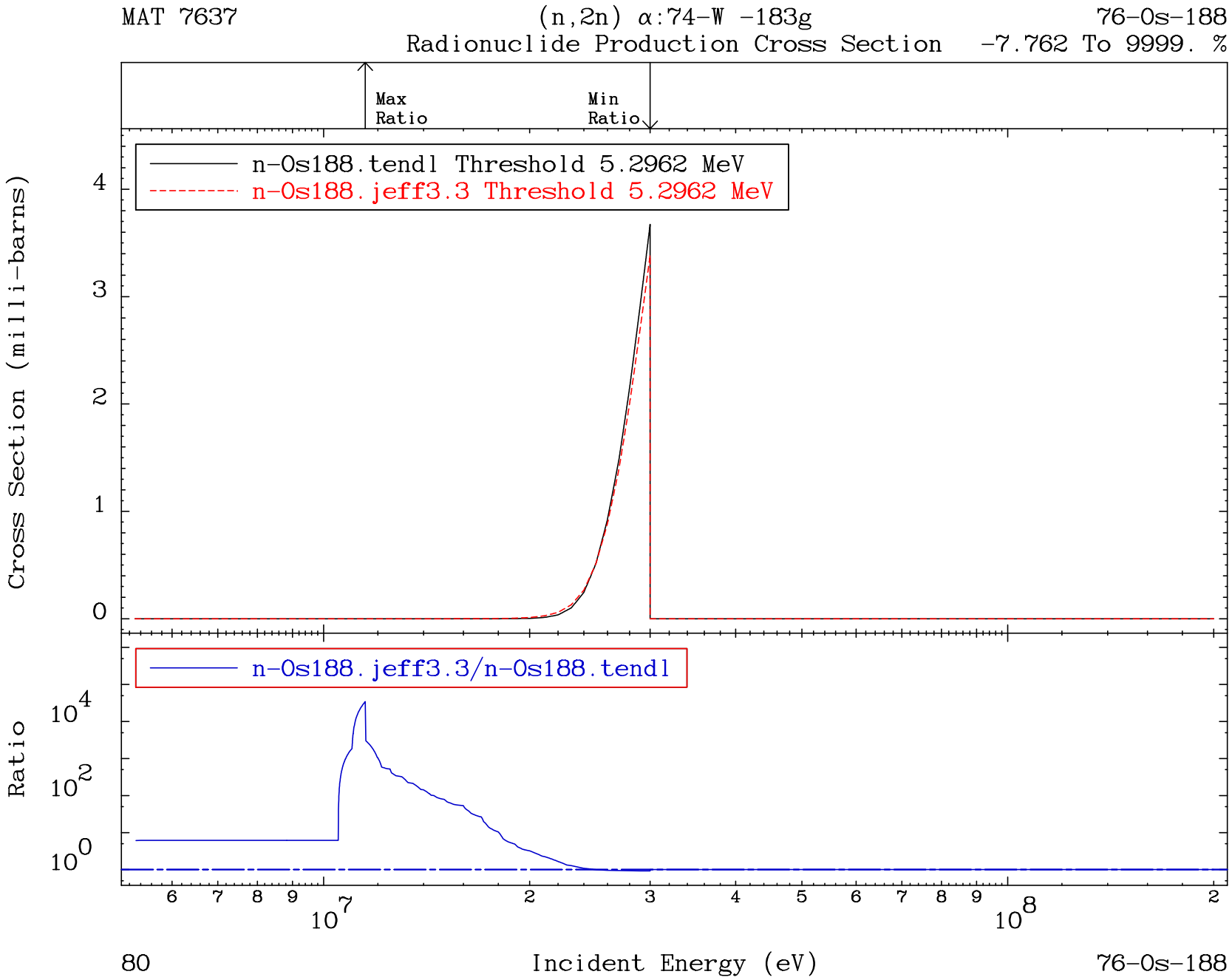

MAT 7637
Dpa total (eV-barns)
Cross Section
76-0s-188
-99.70 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
75
76-0s-188

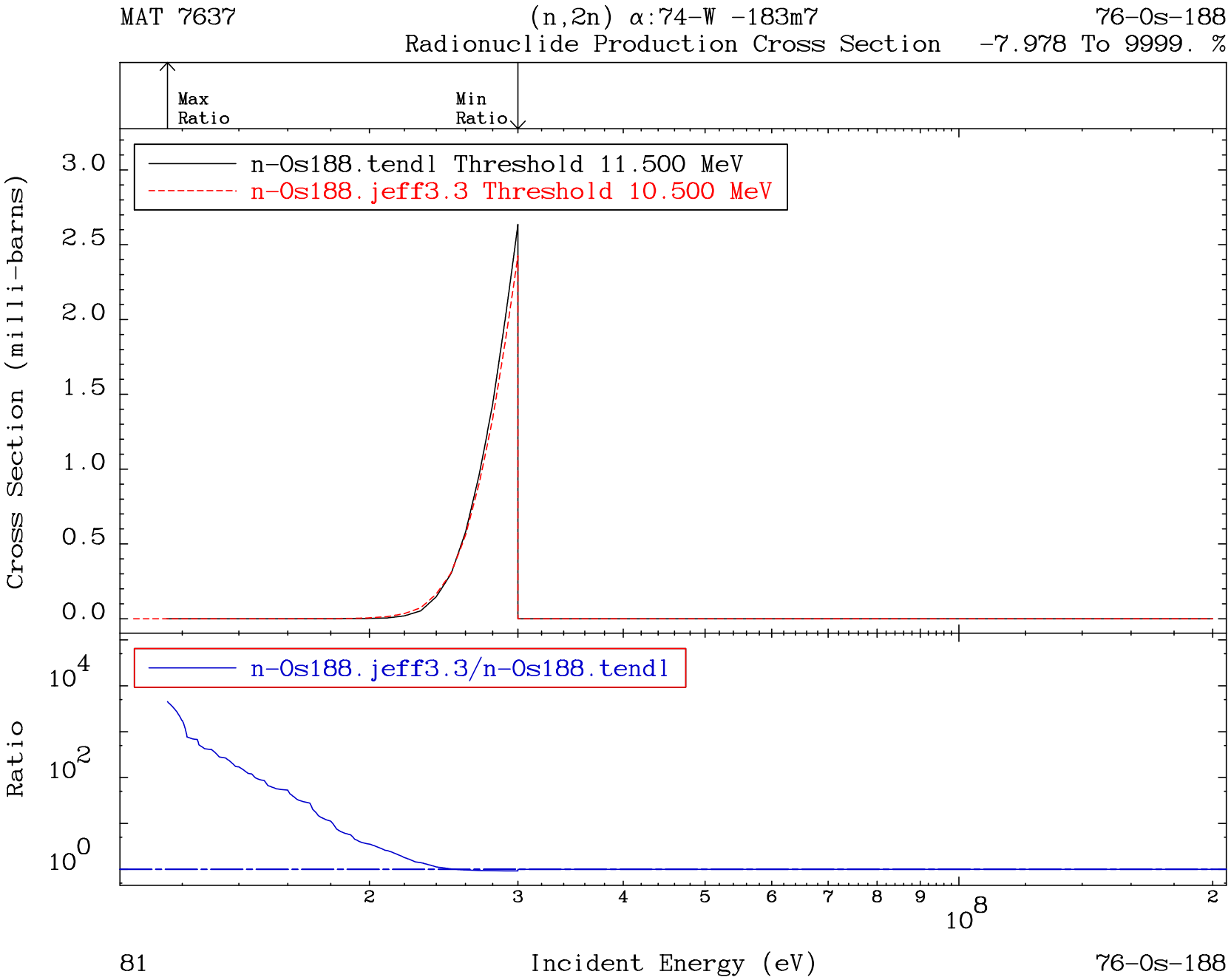

MAT 7637
Dpa elastic (mt2)
Cross Section
76-0s-188
-99.71 To 9999. %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.1000 keV
n-0s188.jeff3.3 Threshold 1.1000 keV
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
76
76-0s-188

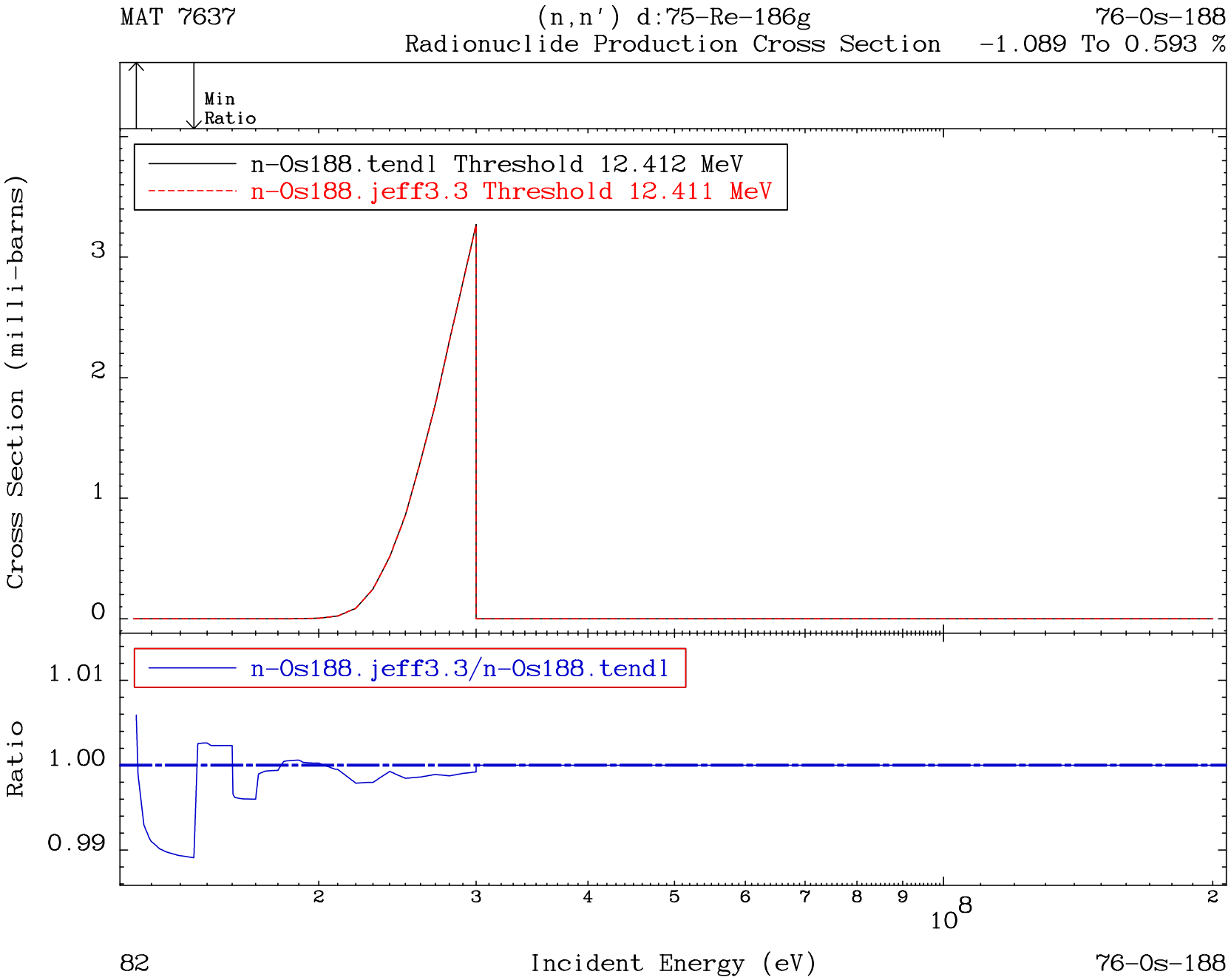

MAT 7637
Dpa inelastic (mt51-91)
Cross Section
76-0s-188
-2.934 To 5.793 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 155.85 keV
n-0s188.jeff3.3 Threshold 155.85 keV
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
77
76-0s-188

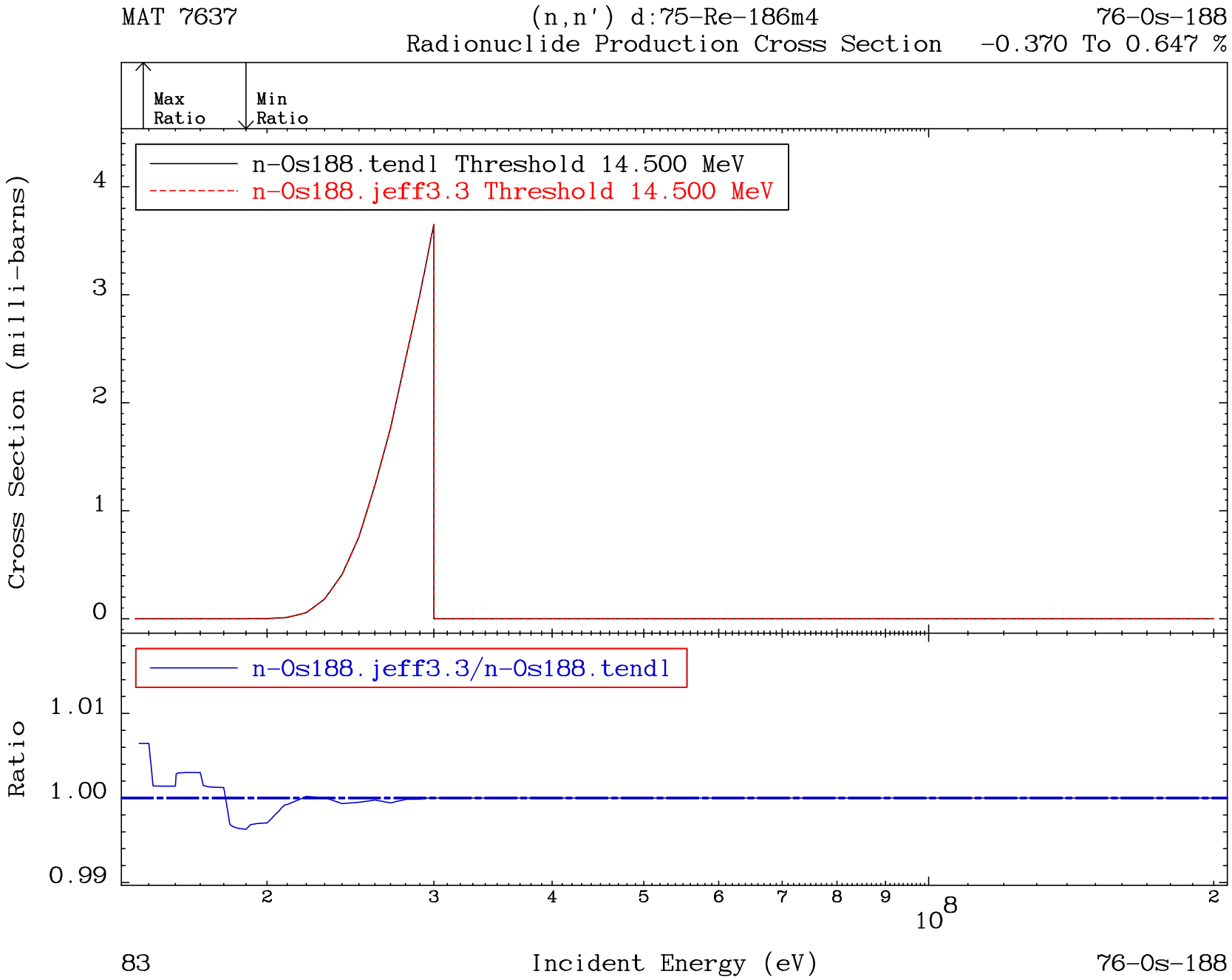

MAT 7637
Dpa disappearance (mt102 -120)
Cross Section
76-0s-188
-99.80 To 9999. %
Min Ratio
Max Ratio
n-0s188.tendl
n-0s188.jeff3.3
Cross Section (barns)
n-0s188.jeff3.3/n-0s188.tendl
Ratio
Incident Energy (eV)
78
76-0s-188

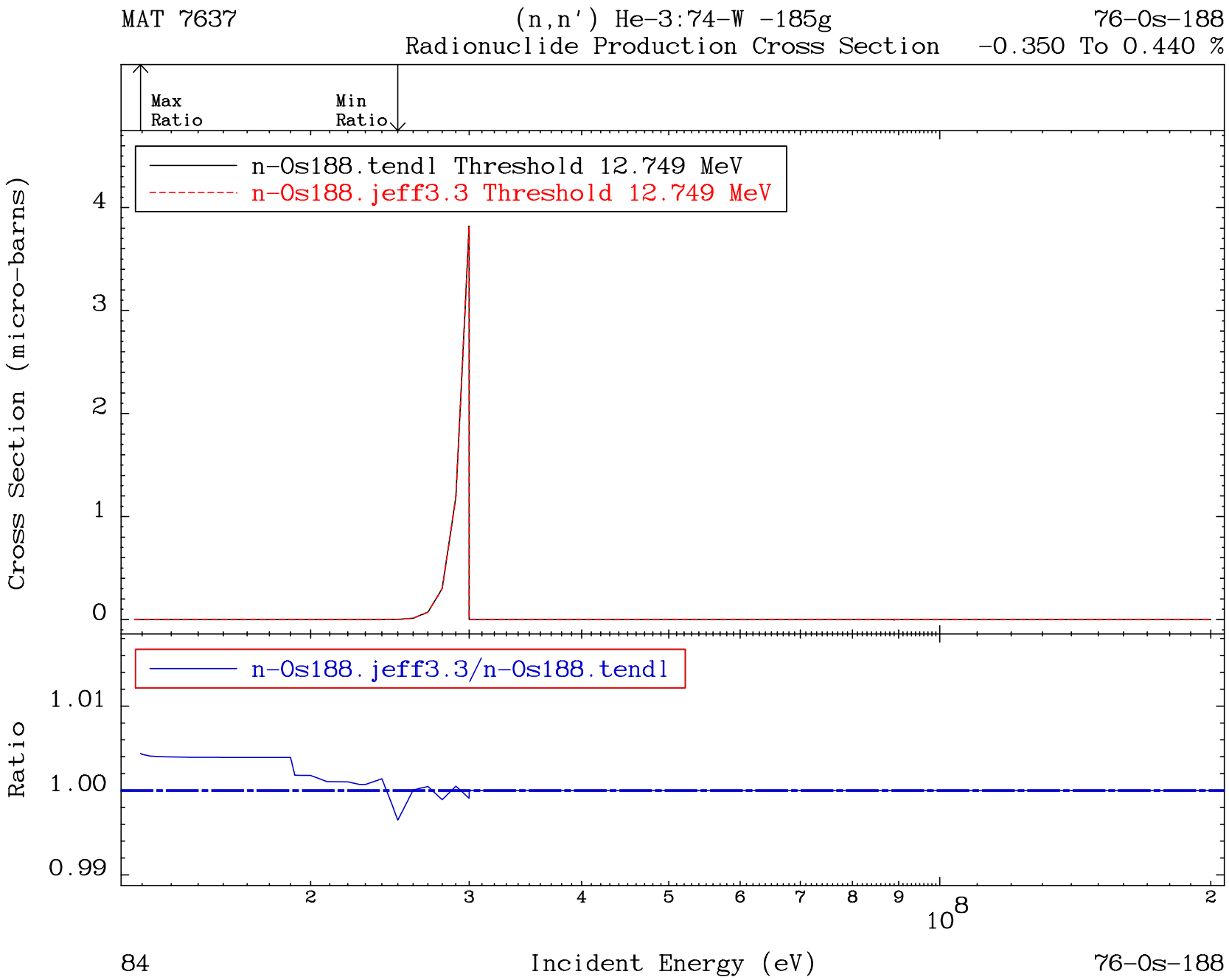

MAT 7637
Fission:Photon
76-Os-188
Radionuclide Production Cross Section
-5.808 To 0.563 %
Min
Ratio
n-Os188.tendl
n-Os188.jeff3.3
Cross Section (barns)
10-3
10-6
10-9
10-12
10-15
10-18
n-Os188.jeff3.3/n-Os188.tendl
Ratio
1.02
1.00
0.98
0.96
0.94
10-5 10-4 10-3 10-2 10-1 100 101 102 103 104 105 106 107 108
79
Incident Energy (eV)
76-Os-188

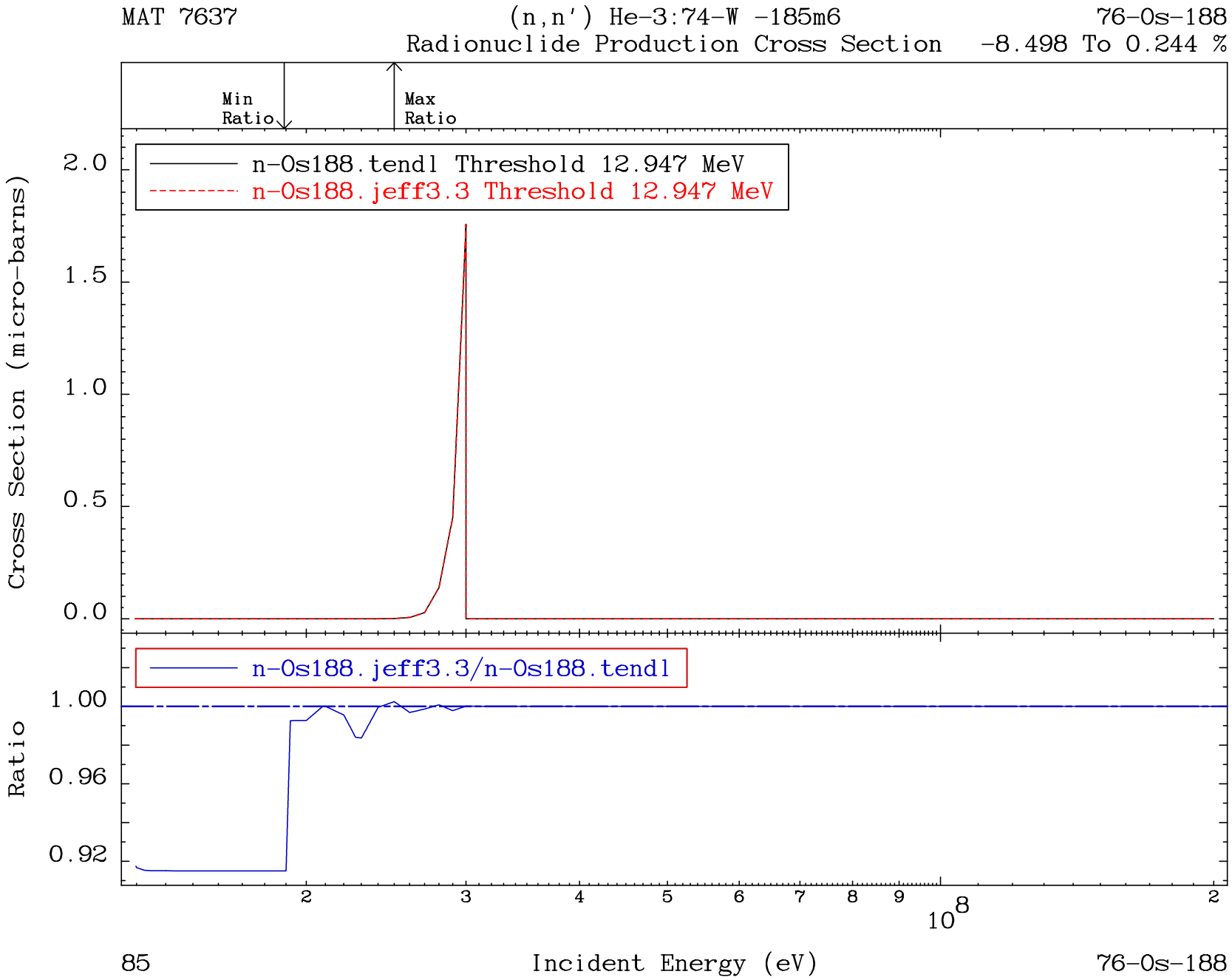

MAT 7637
(n,2n) α:74-W -183g
76-Os-188
Radionuclide Production Cross Section -7.762 To 9999. %
Max Ratio
Min Ratio
n-Os188.tendl Threshold 5.2962 MeV
n-Os188.jeff3.3 Threshold 5.2962 MeV
Cross Section (milli-barns)
0
1
2
3
4
n-Os188.jeff3.3/n-Os188.tendl
Ratio
10^0
10^2
10^4
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
80
Incident Energy (eV)
76-Os-188

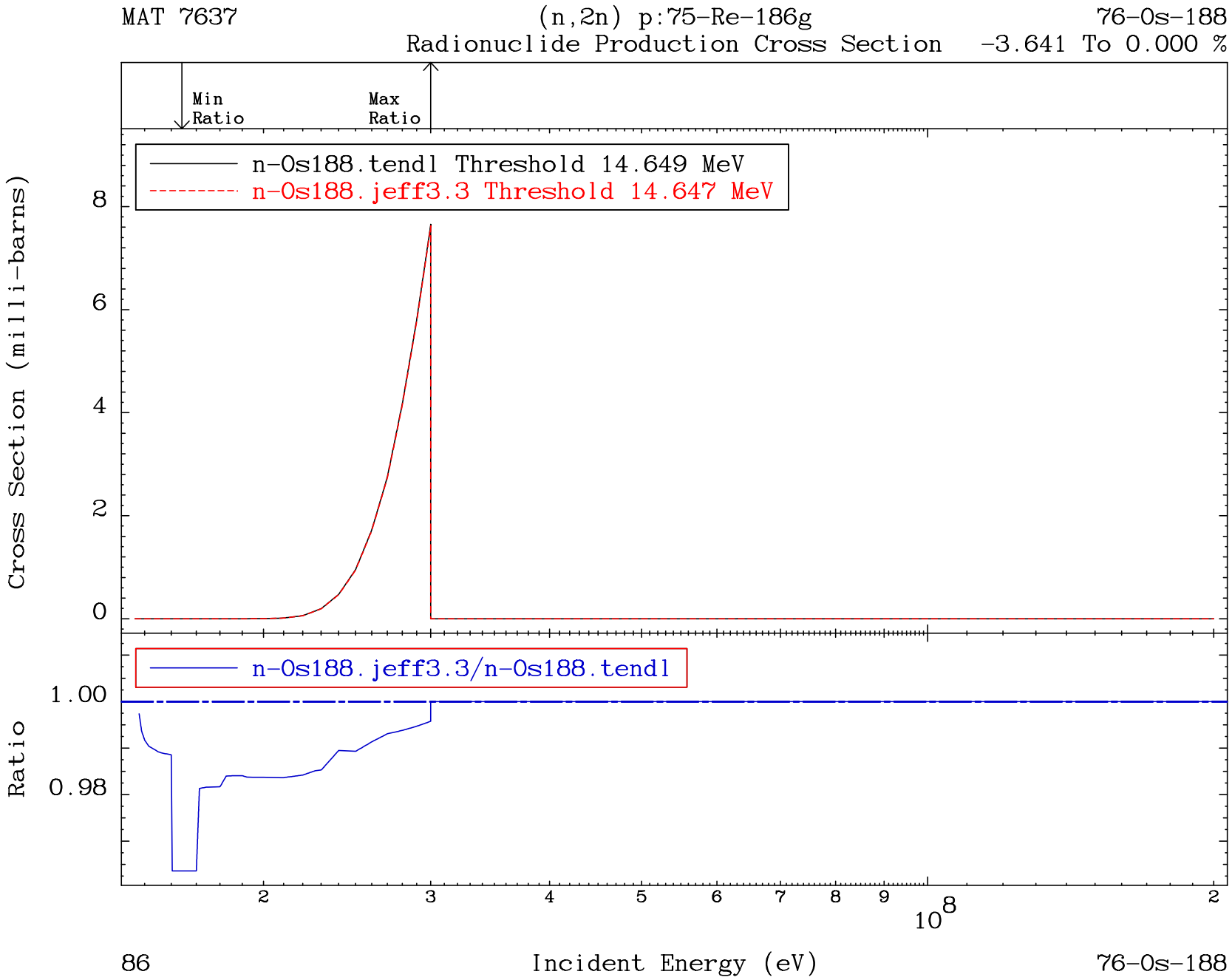

MAT 7637
(n,2n) α:74-W -183m7
76-Os-188
Radionuclide Production Cross Section -7.978 To 9999. %
Max Ratio
Min Ratio
n-Os188.tendl Threshold 11.500 MeV
n-Os188.jeff3.3 Threshold 10.500 MeV
Cross Section (milli-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
n-Os188.jeff3.3/n-Os188.tendl
Ratio
10^4
10^2
10^0
2
3
4
5
6
7
8
9
10^8
2
81
Incident Energy (eV)
76-Os-188

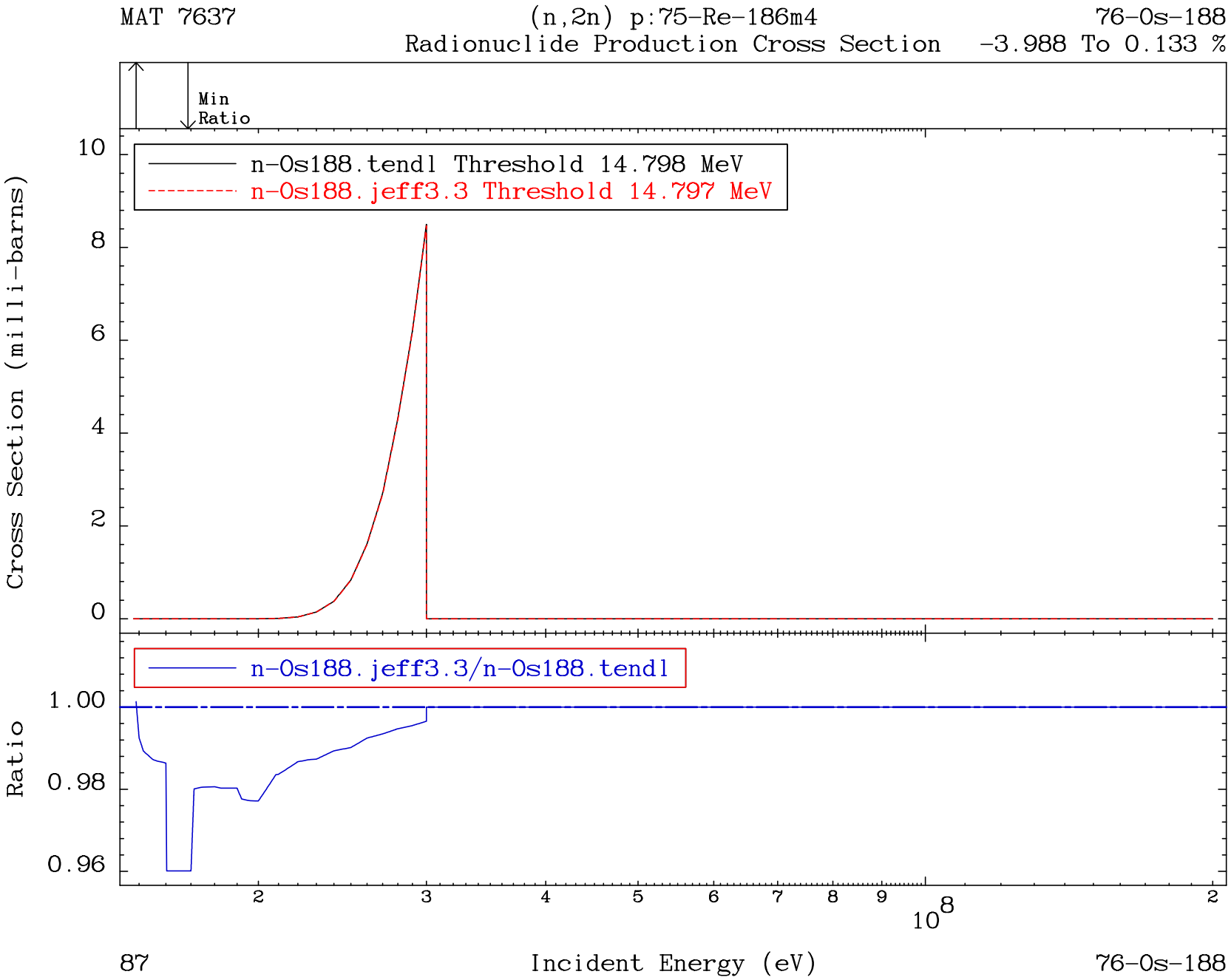

MAT 7637
(n,n') d:75-Re-186g
76-0s-188
Radionuclide Production Cross Section
-1.089 To 0.593 %
Min
Ratio
n-0s188.tendl Threshold 12.412 MeV
n-0s188.jeff3.3 Threshold 12.411 MeV
Cross Section (milli-barns)
0
1
2
3
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.01
1.00
0.99
2
3
4
5
6
7
8
9
10^8
2
82
Incident Energy (eV)
76-0s-188

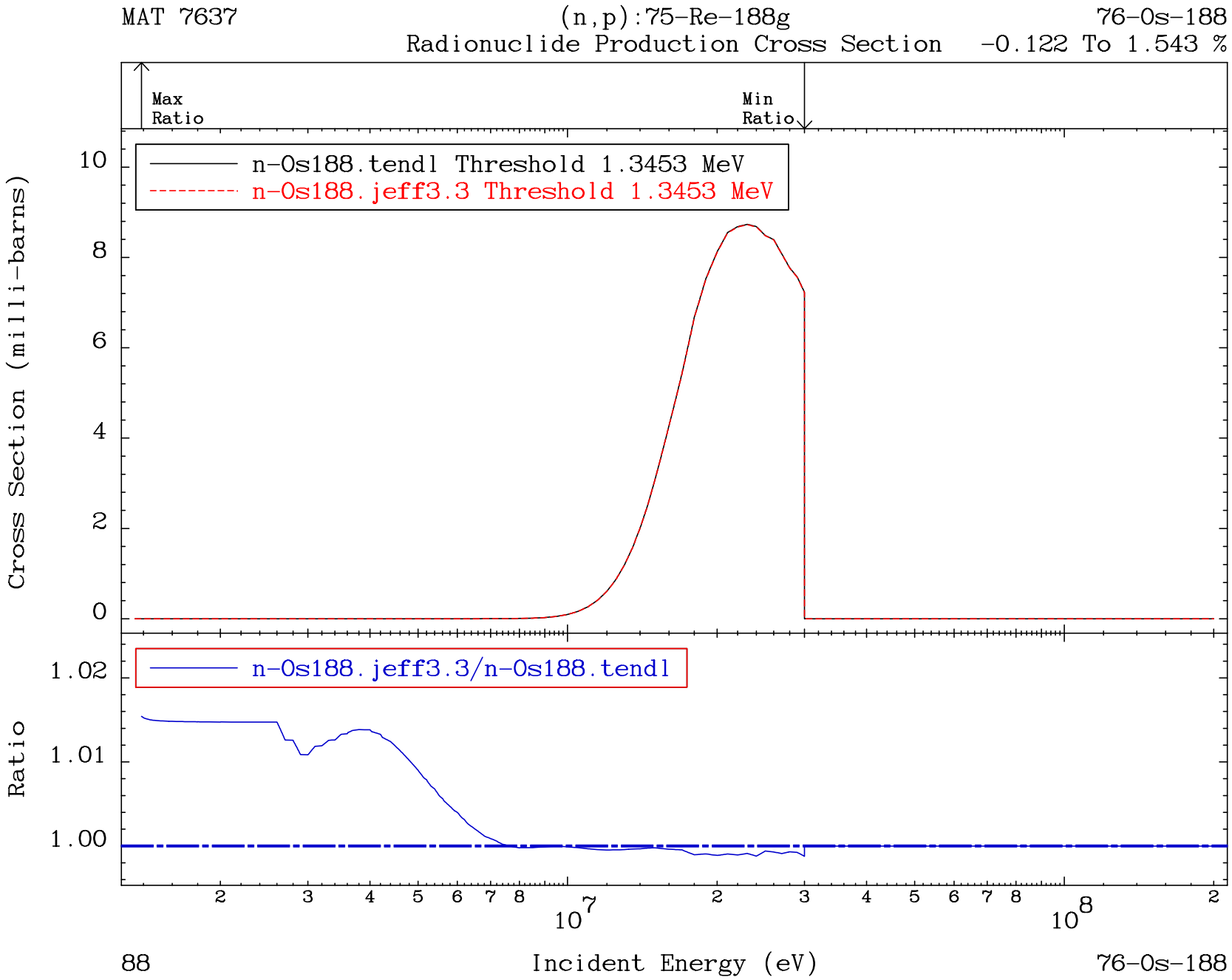

MAT 7637
(n,n') d:75-Re-186m4
76-0s-188
Radionuclide Production Cross Section -0.370 To 0.647 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 14.500 MeV
n-0s188.jeff3.3 Threshold 14.500 MeV
Cross Section (milli-barns)
0
1
2
3
4
n-0s188.jeff3.3/n-0s188.tendl
Ratio
0.99
1.00
1.01
2
3
4
5
6
7
8
9
10^8
2
83
Incident Energy (eV)
76-0s-188

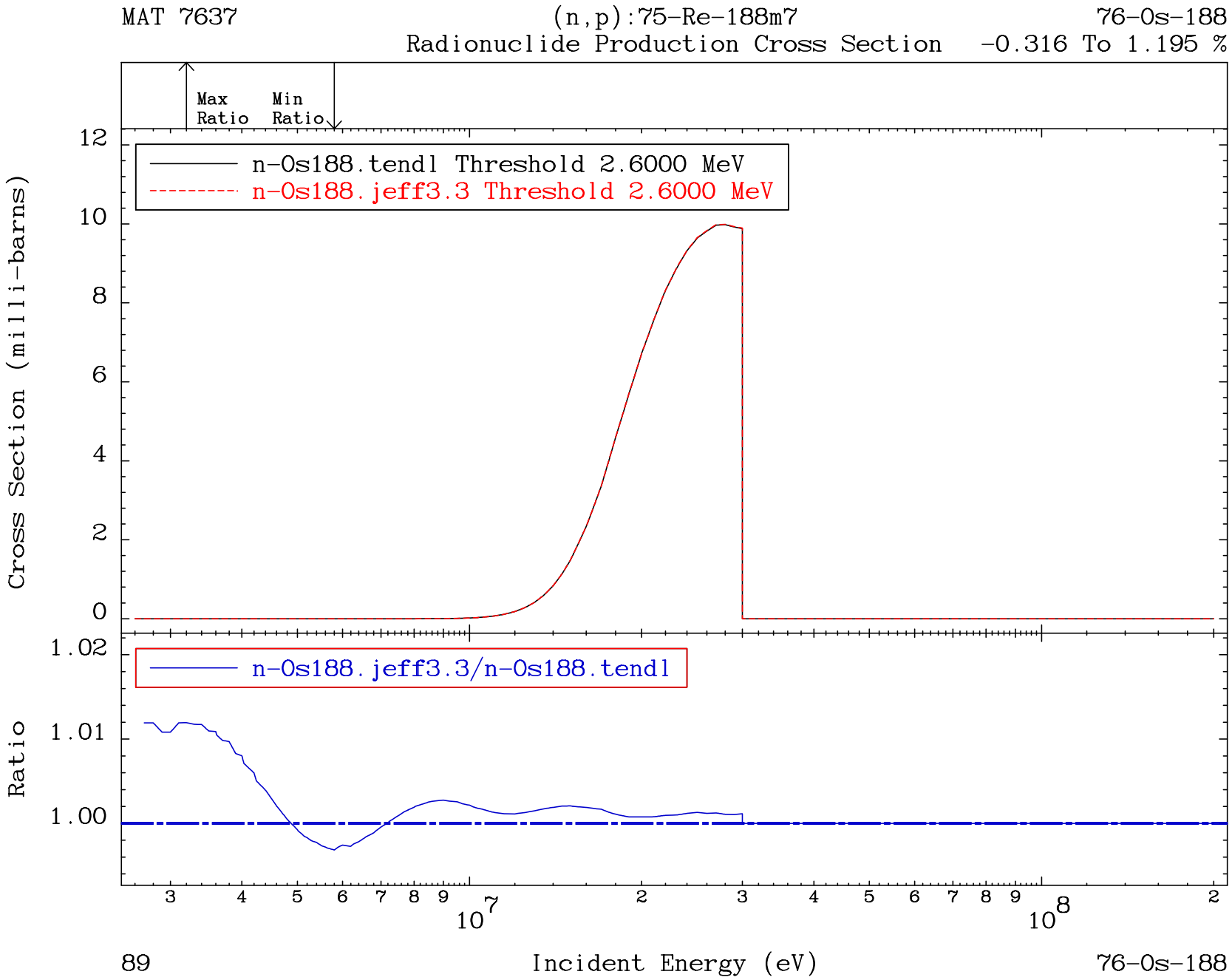

MAT 7637
(n,n') He-3:74-W -185g
76-0s-188
Radionuclide Production Cross Section
-0.350 To 0.440 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 12.749 MeV
n-0s188.jeff3.3 Threshold 12.749 MeV
Cross Section (micro-barns)
0
1
2
3
4
n-0s188.jeff3.3/n-0s188.tendl
Ratio
0.99
1.00
1.01
2
3
4
5
6
7
8
9
10^8
2
84
Incident Energy (eV)
76-0s-188

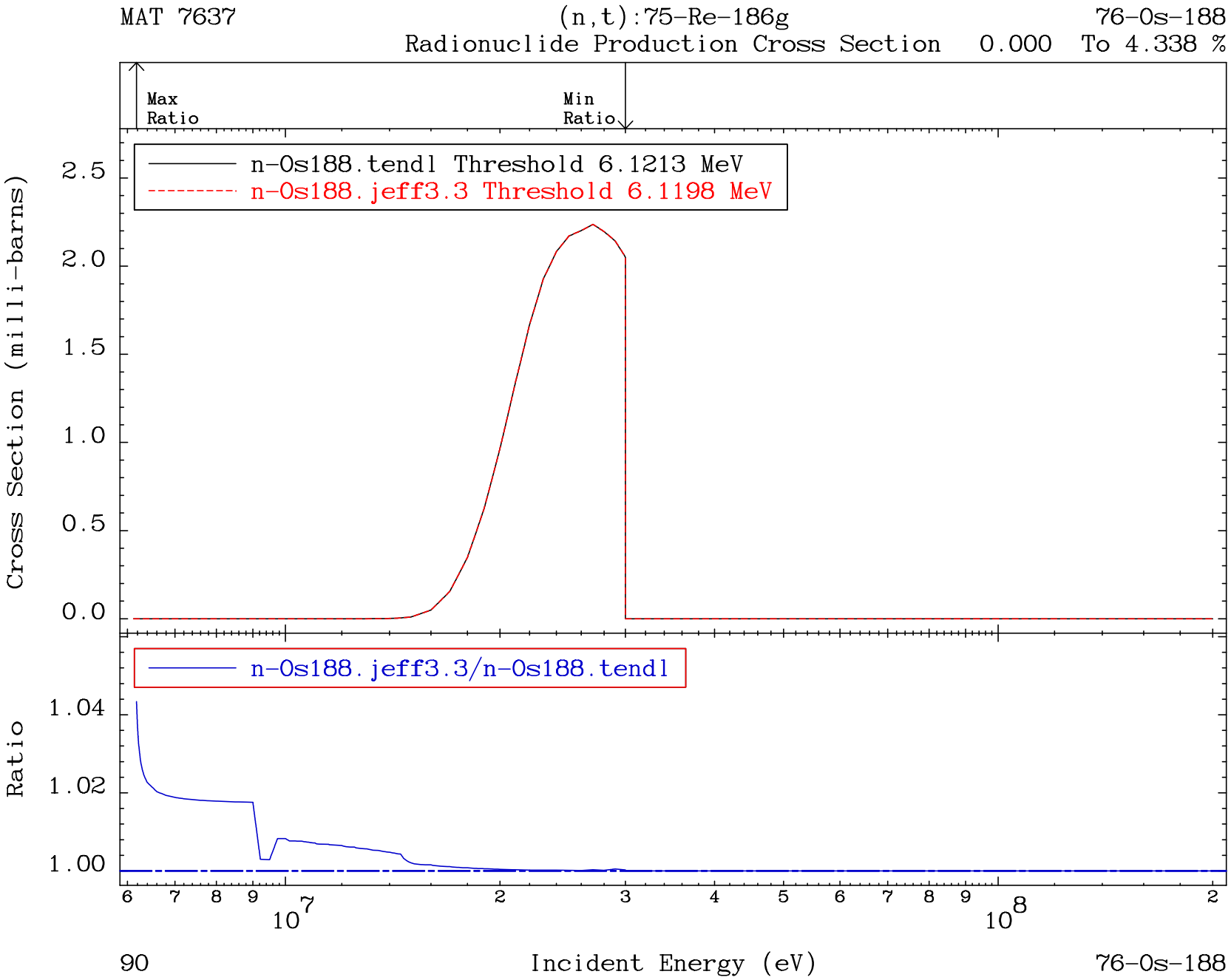

MAT 7637
(n,n') He-3:74-W -185m6
76-0s-188
Radionuclide Production Cross Section -8.498 To 0.244 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 12.947 MeV
n-0s188.jeff3.3 Threshold 12.947 MeV
Cross Section (micro-barns)
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
0.96
0.92
2
3
4
5
6
7
8
9
10^8
2
85
Incident Energy (eV)
76-0s-188

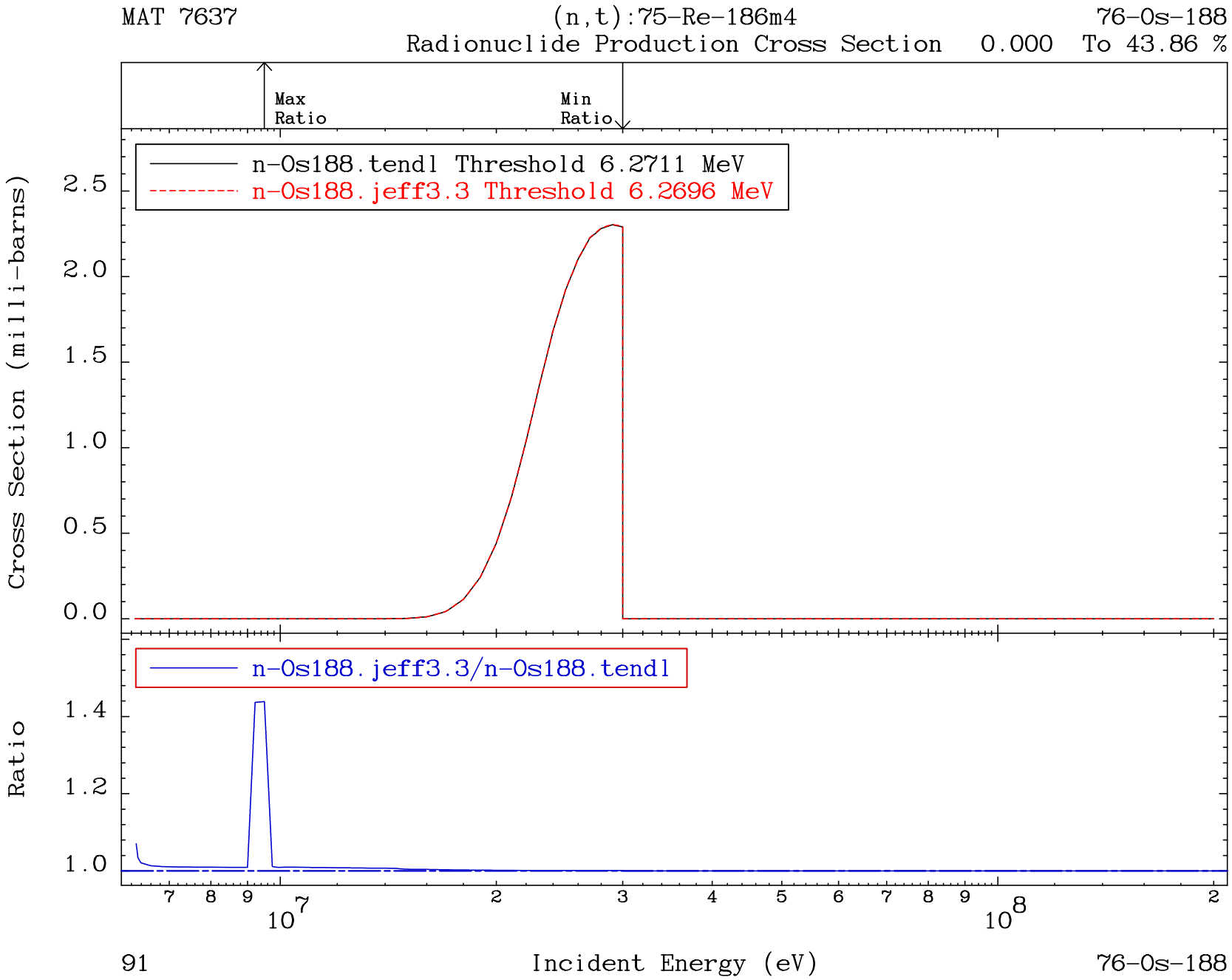

MAT 7637
(n,2n) p:75-Re-186g
76-0s-188
Radionuclide Production Cross Section
-3.641 To 0.000 %
Min Ratio
Max Ratio
n-0s188.tendl Threshold 14.649 MeV
n-0s188.jeff3.3 Threshold 14.647 MeV
Cross Section (milli-barns)
0
2
4
6
8
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
0.98
2
3
4
5
6
7
8
9
10^8
2
86
Incident Energy (eV)
76-0s-188


MAT 7637
(n,2n) p:75-Re-186m4
76-0s-188
Radionuclide Production Cross Section
-3.988 To 0.133 %
Min
Ratio
n-0s188.tendl Threshold 14.798 MeV
n-0s188.jeff3.3 Threshold 14.797 MeV
Cross Section (milli-barns)
10
8
6
4
2
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.00
0.98
0.96
2
3
4
5
6
7
8
9
10^8
2
87
Incident Energy (eV)
76-0s-188


MAT 7637
(n,p):75-Re-188g
76-0s-188
Radionuclide Production Cross Section -0.122 To 1.543 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 1.3453 MeV
n-0s188.jeff3.3 Threshold 1.3453 MeV
Cross Section (milli-barns)
10
8
6
4
2
0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.02
1.01
1.00
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
88
Incident Energy (eV)
76-0s-188


MAT 7637
(n,p):75-Re-188m7
76-Os-188
Radionuclide Production Cross Section -0.316 To 1.195 %
Max Ratio
Min Ratio
n-Os188.tendl Threshold 2.6000 MeV
n-Os188.jeff3.3 Threshold 2.6000 MeV
Cross Section (milli-barns)
12
10
8
6
4
2
0
n-Os188.jeff3.3/n-Os188.tendl
Ratio
1.02
1.01
1.00
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
89
Incident Energy (eV)
76-Os-188


MAT 7637
(n,t):75-Re-186g
76-Os-188
Radionuclide Production Cross Section 0.000 To 4.338 %
Max Ratio
Min Ratio
n-Os188.tendl Threshold 6.1213 MeV
n-Os188.jeff3.3 Threshold 6.1198 MeV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-Os188.jeff3.3/n-Os188.tendl
Ratio
1.04
1.02
1.00
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
90
Incident Energy (eV)
76-Os-188


MAT 7637
(n,t):75-Re-186m4
76-0s-188
Radionuclide Production Cross Section 0.000 To 43.86 %
Max Ratio
Min Ratio
n-0s188.tendl Threshold 6.2711 MeV
n-0s188.jeff3.3 Threshold 6.2696 MeV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
n-0s188.jeff3.3/n-0s188.tendl
Ratio
1.4
1.2
1.0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
91
Incident Energy (eV)
76-0s-188