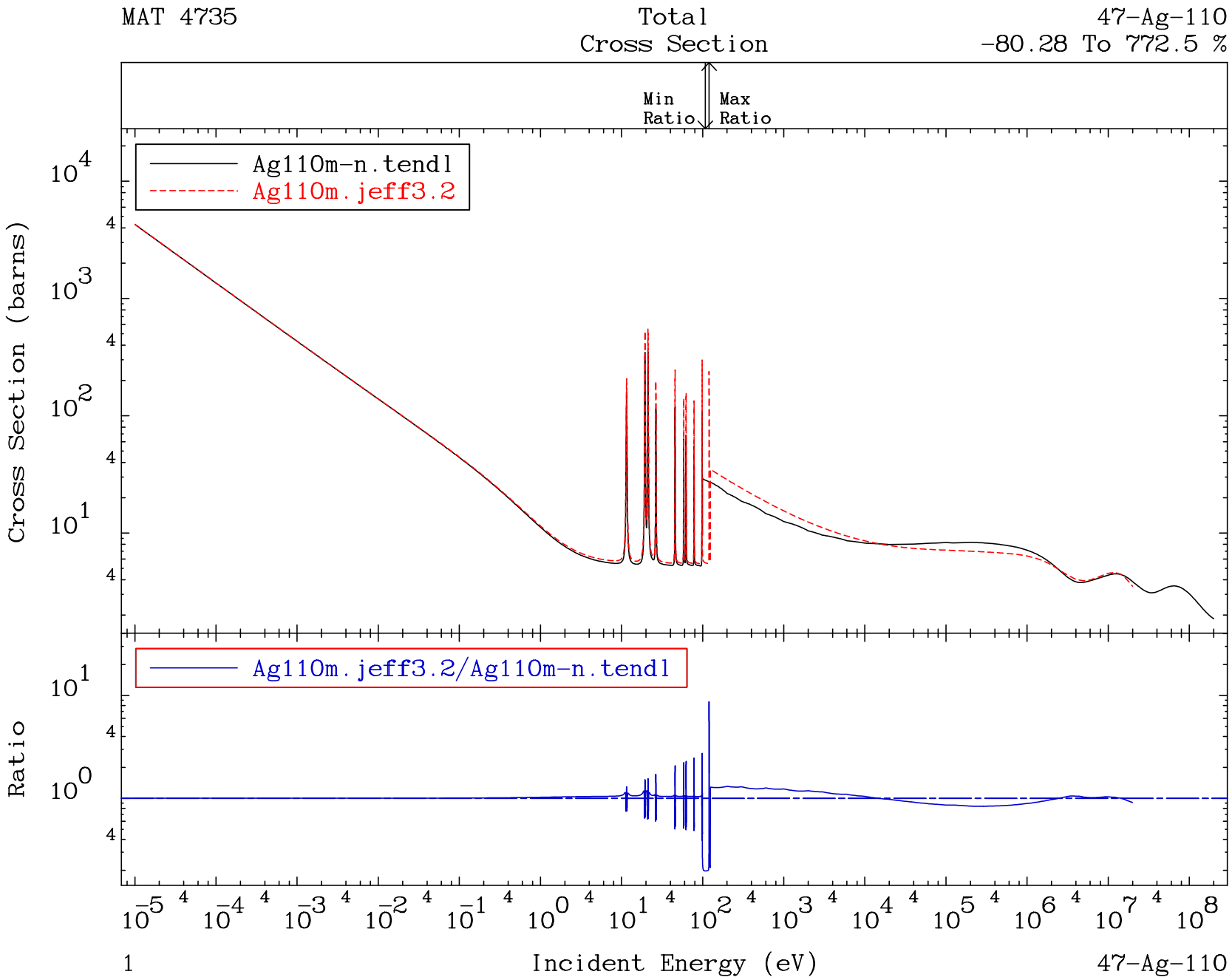
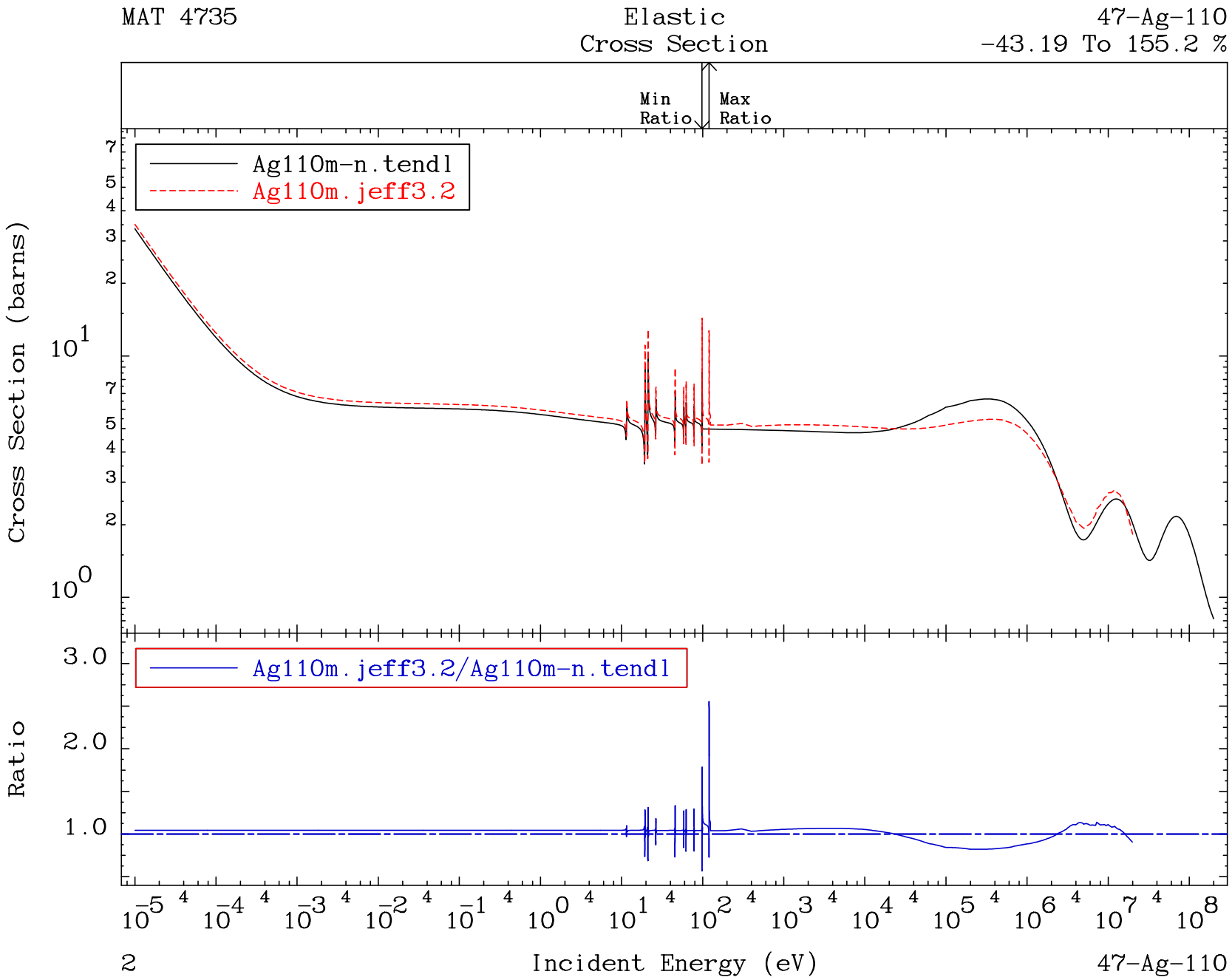
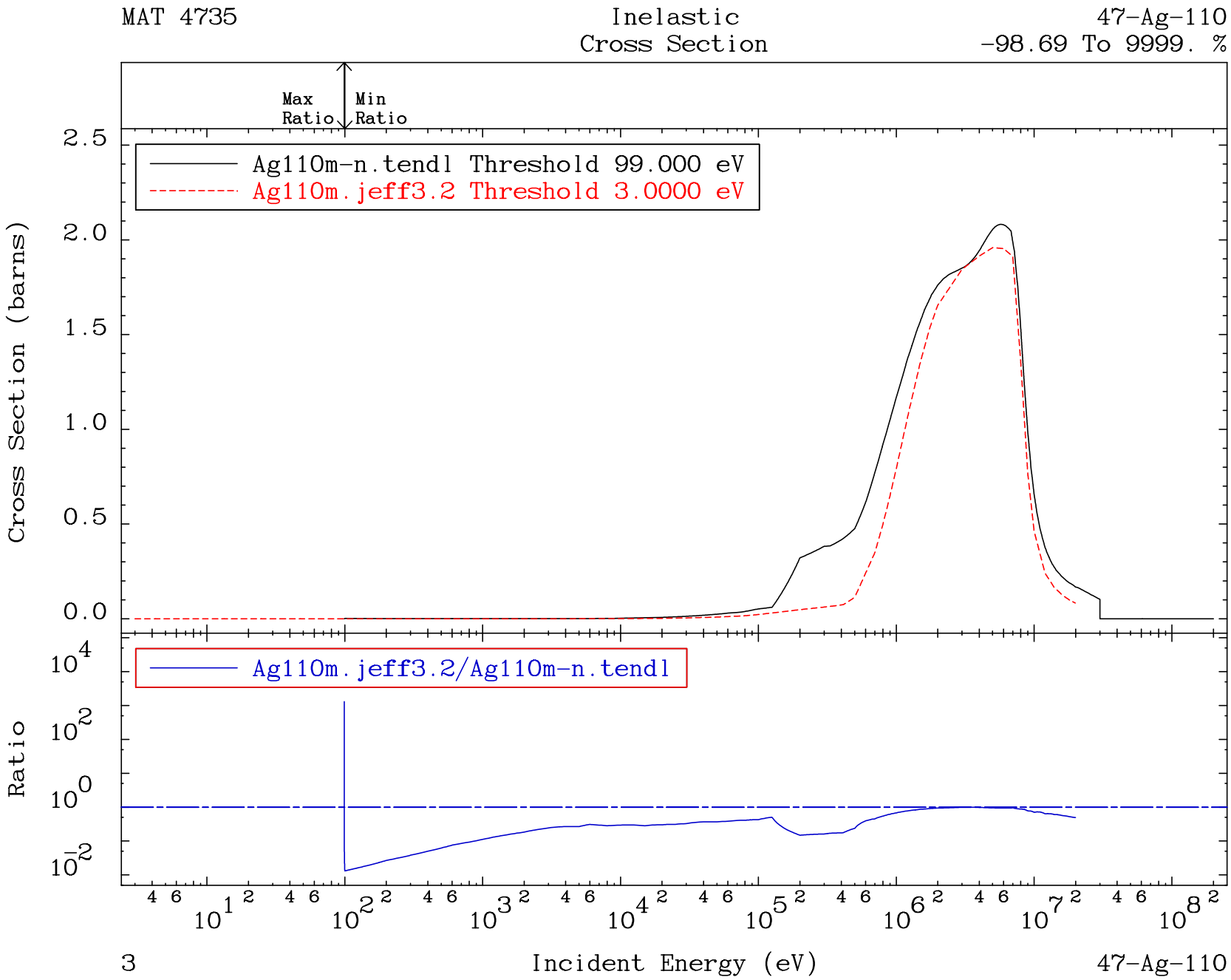
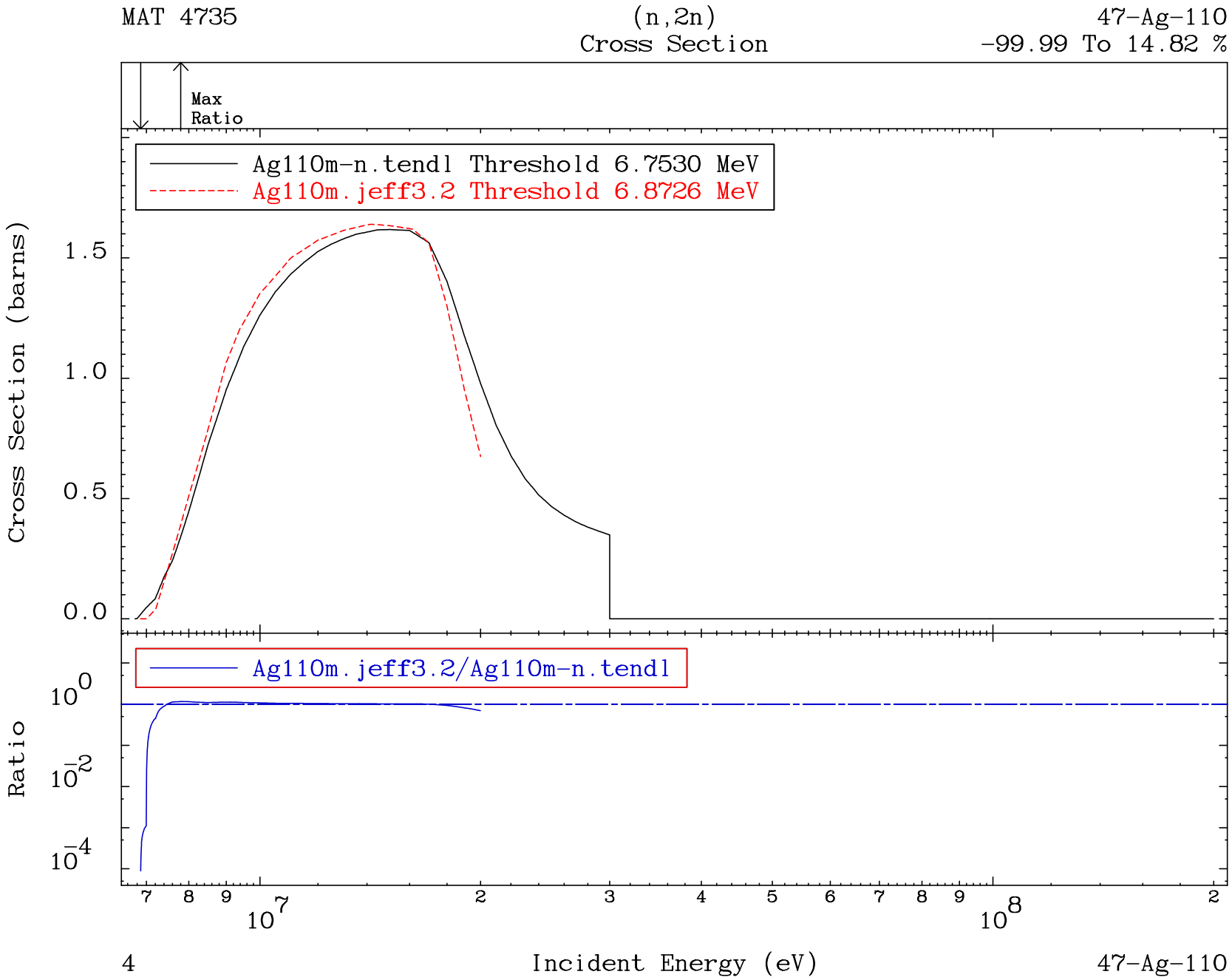
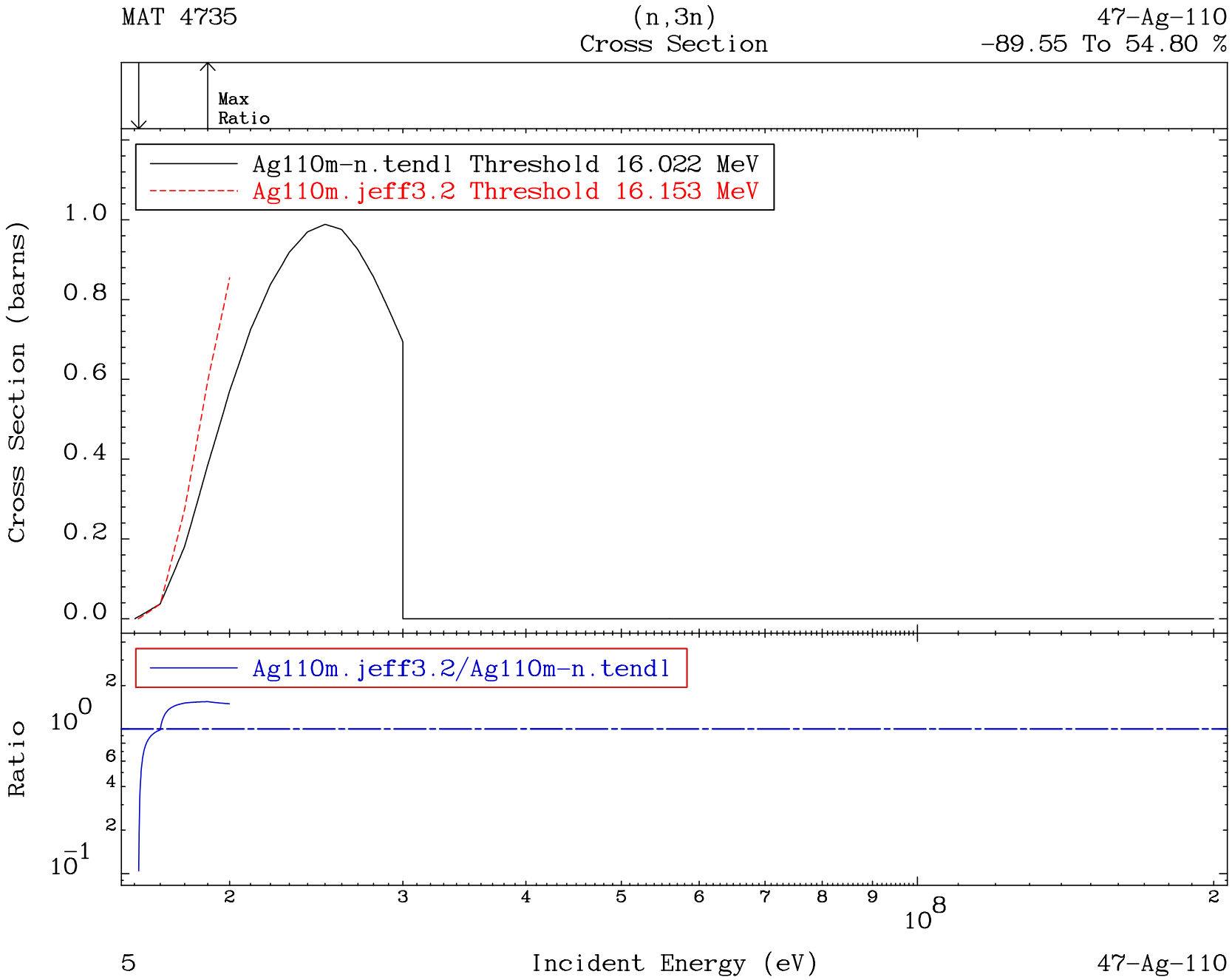
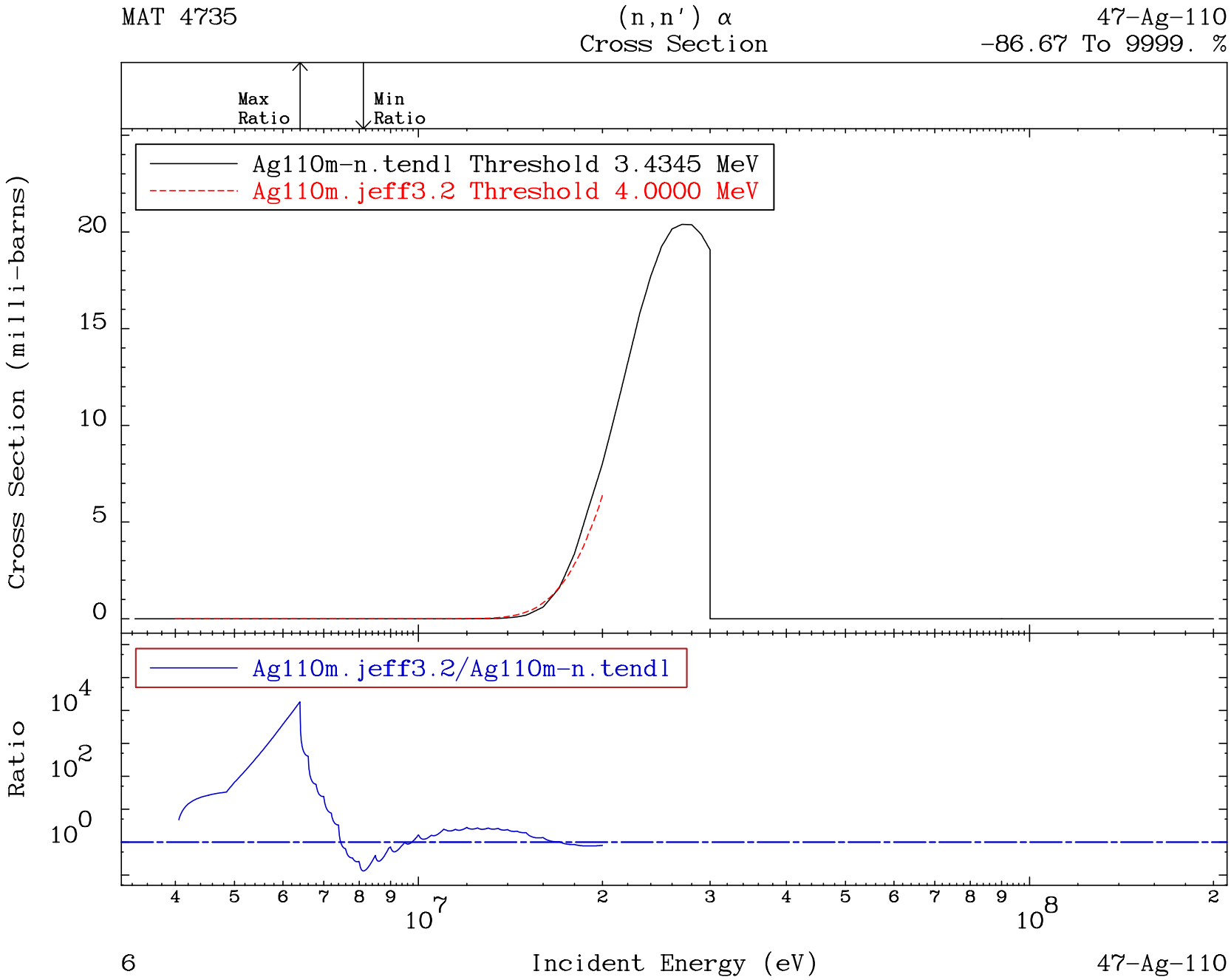

MAT 4735
Total
Cross Section
47-Ag-110
-80.28 To 772.5 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
1
47-Ag-110

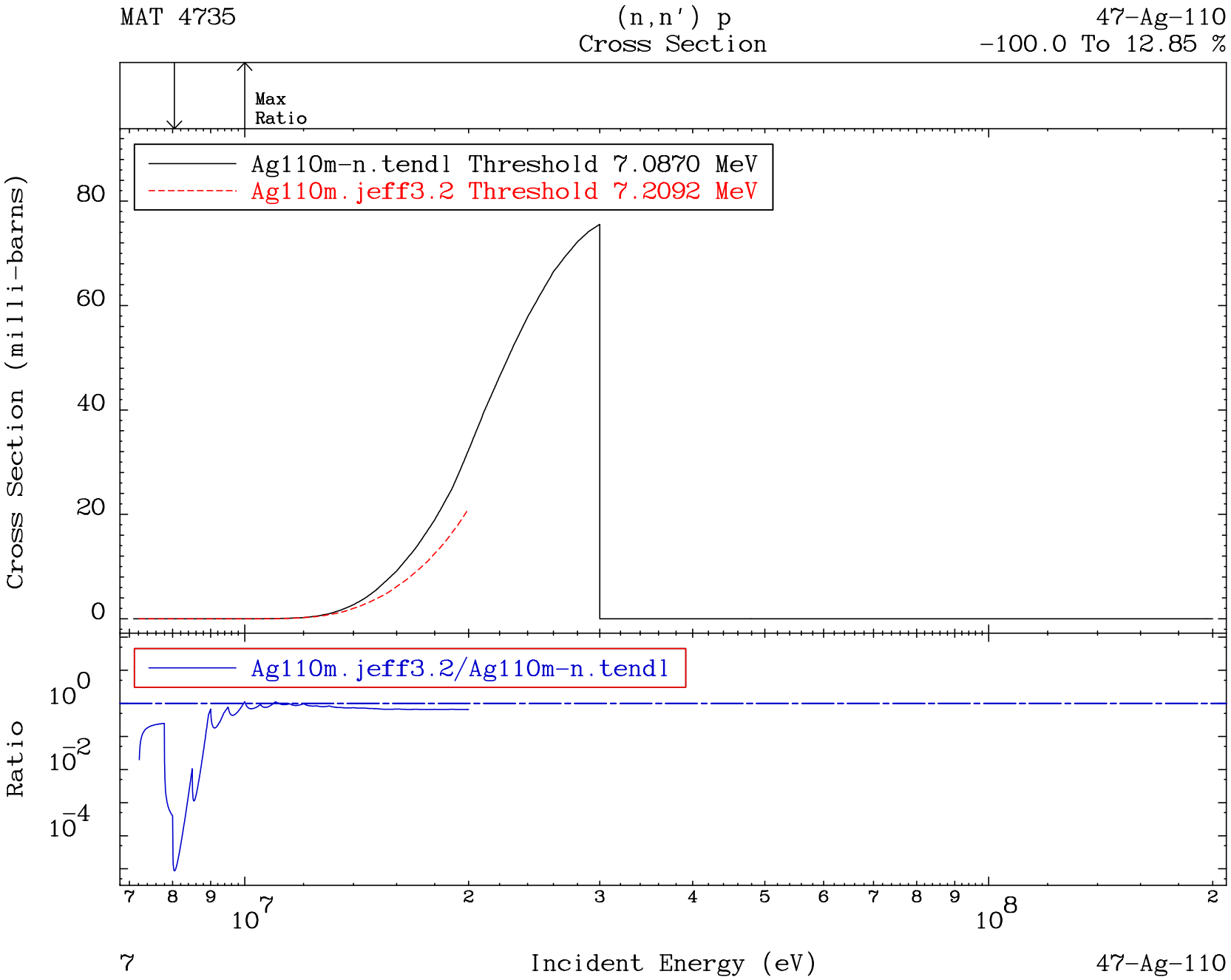

MAT 4735
Elastic
Cross Section
47-Ag-110
-43.19 To 155.2 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
2
47-Ag-110

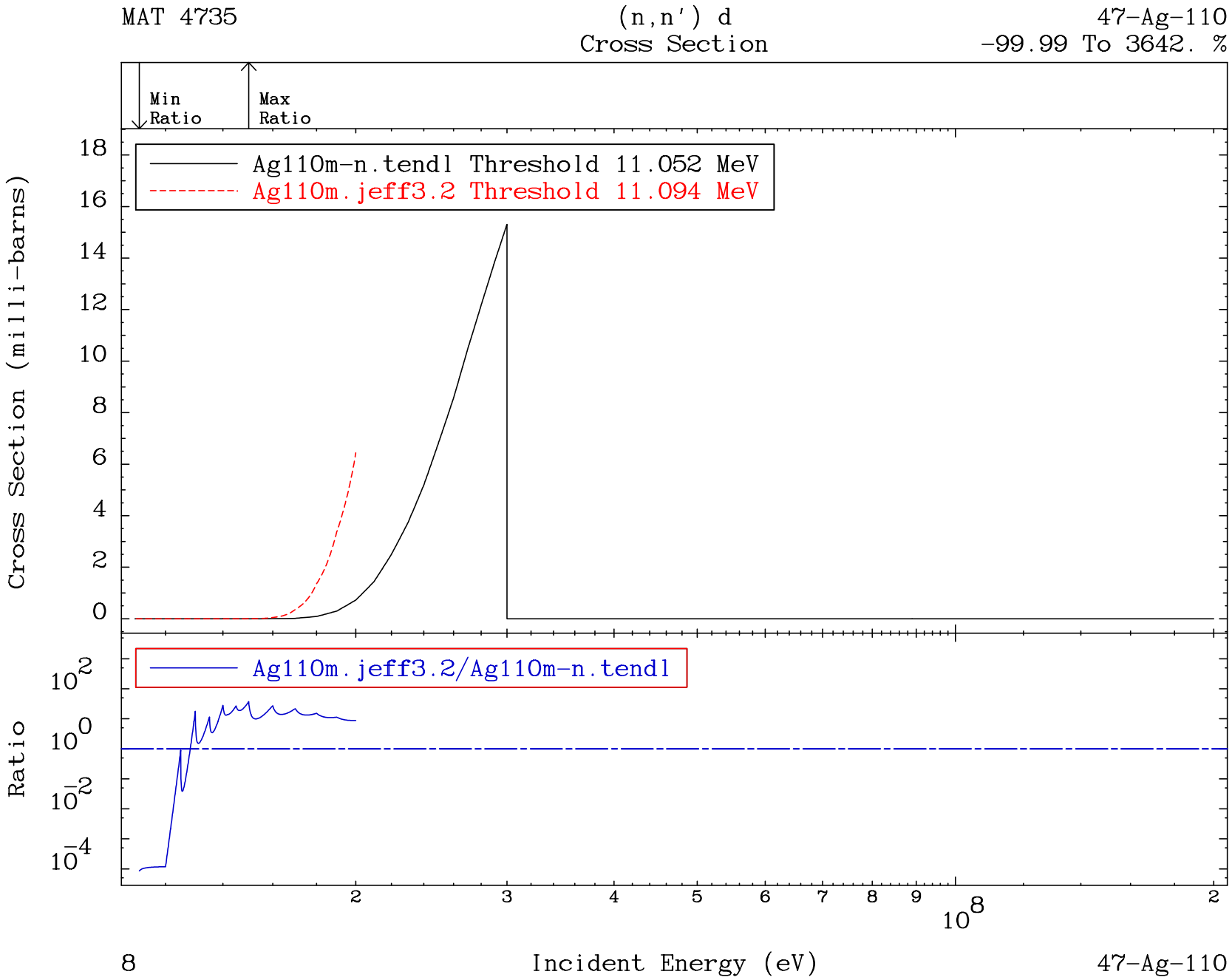

MAT 4735
Inelastic
Cross Section
47-Ag-110
-98.69 To 9999. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 99.000 eV
Ag110m.jeff3.2 Threshold 3.0000 eV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^4
10^2
10^0
10^-2
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
3
Incident Energy (eV)
47-Ag-110

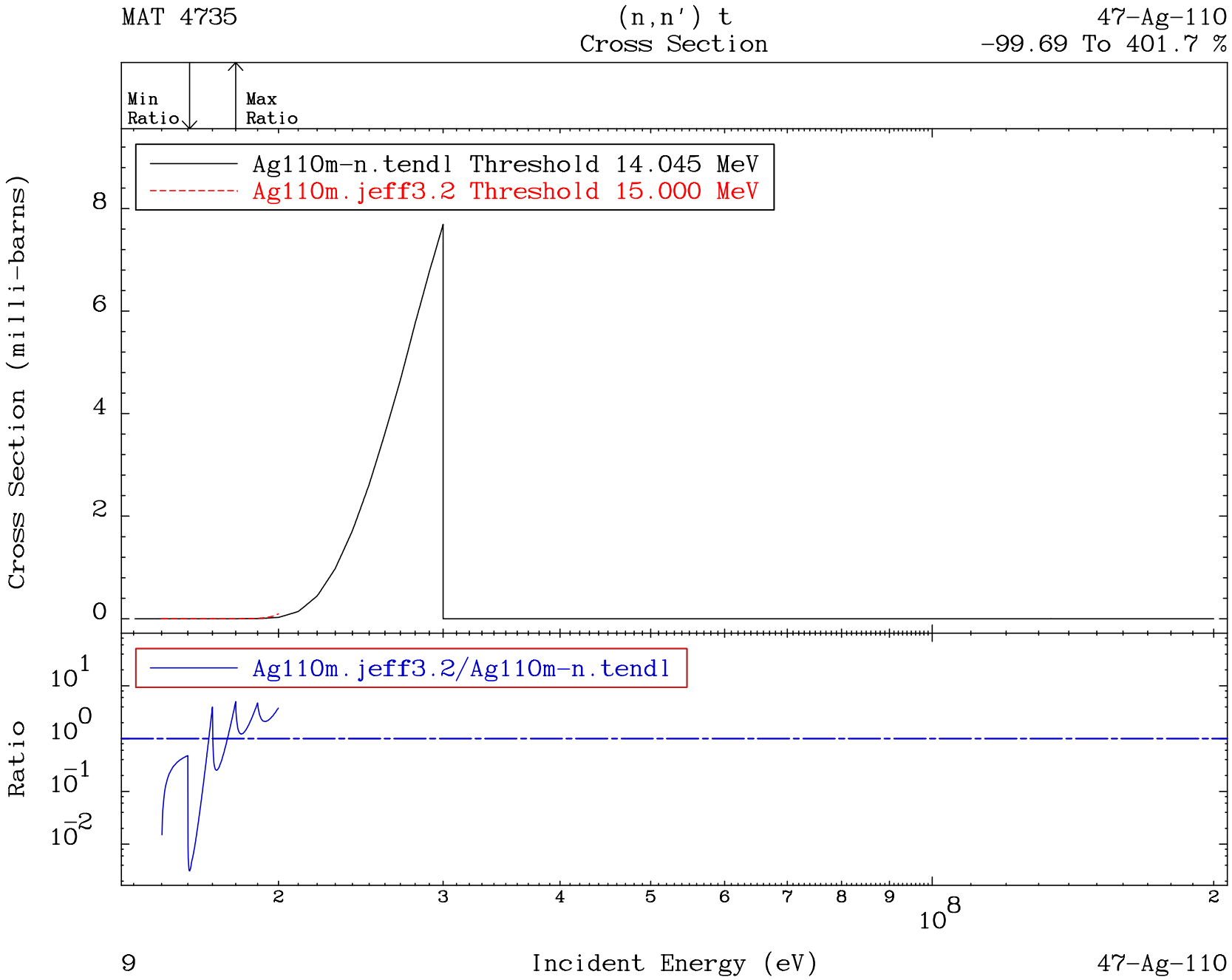

MAT 4735
(n,2n)
Cross Section
47-Ag-110
-99.99 To 14.82 %
Max
Ratio
Ag110m-n.tendl Threshold 6.7530 MeV
Ag110m.jeff3.2 Threshold 6.8726 MeV
Cross Section (barns)
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-2
10^-4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
4
Incident Energy (eV)
47-Ag-110

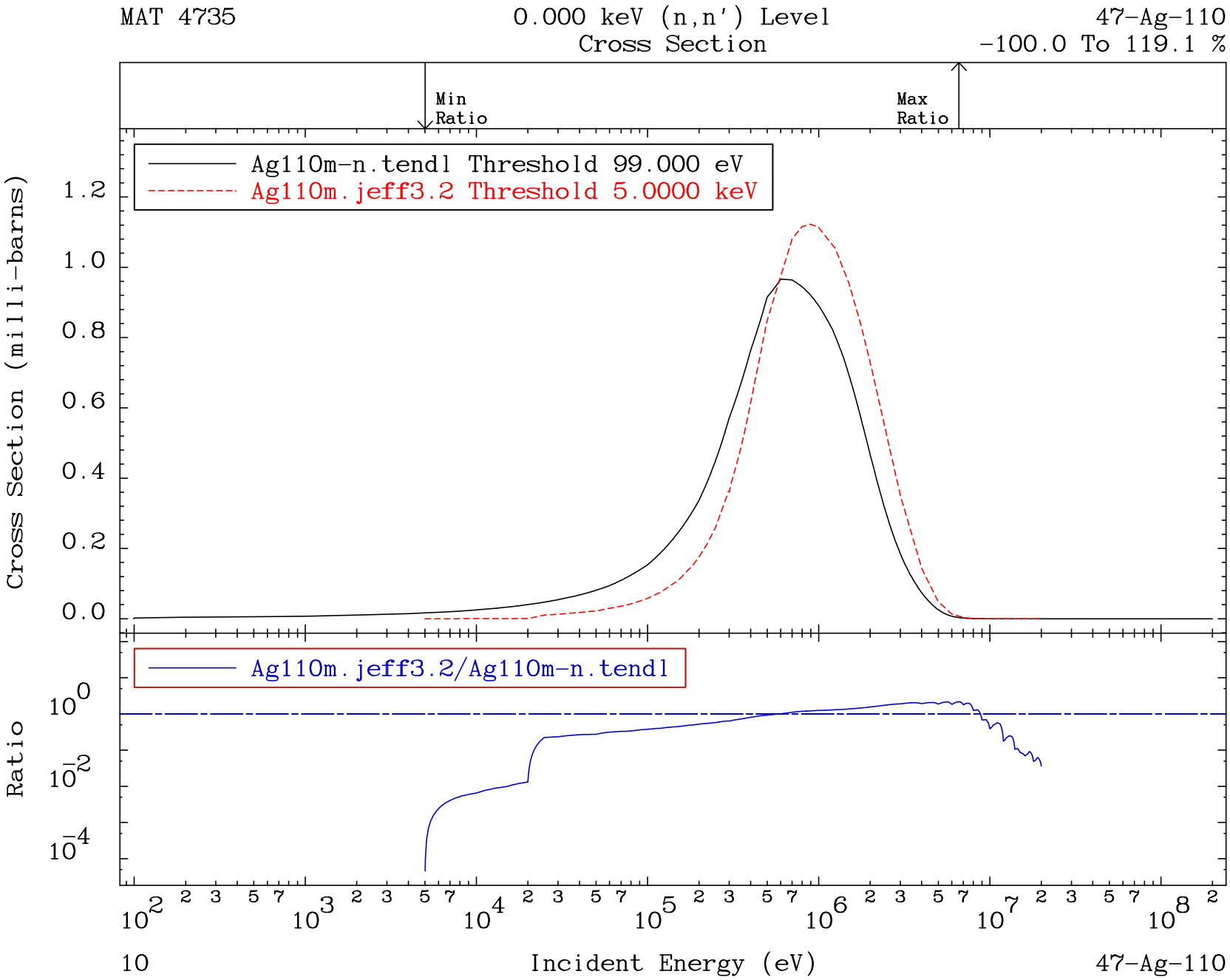

MAT 4735
(n,3n)
Cross Section
47-Ag-110
-89.55 To 54.80 %
Max
Ratio
Ag110m-n.tendl Threshold 16.022 MeV
Ag110m.jeff3.2 Threshold 16.153 MeV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^{-1}
2
6
4
2
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
47-Ag-110

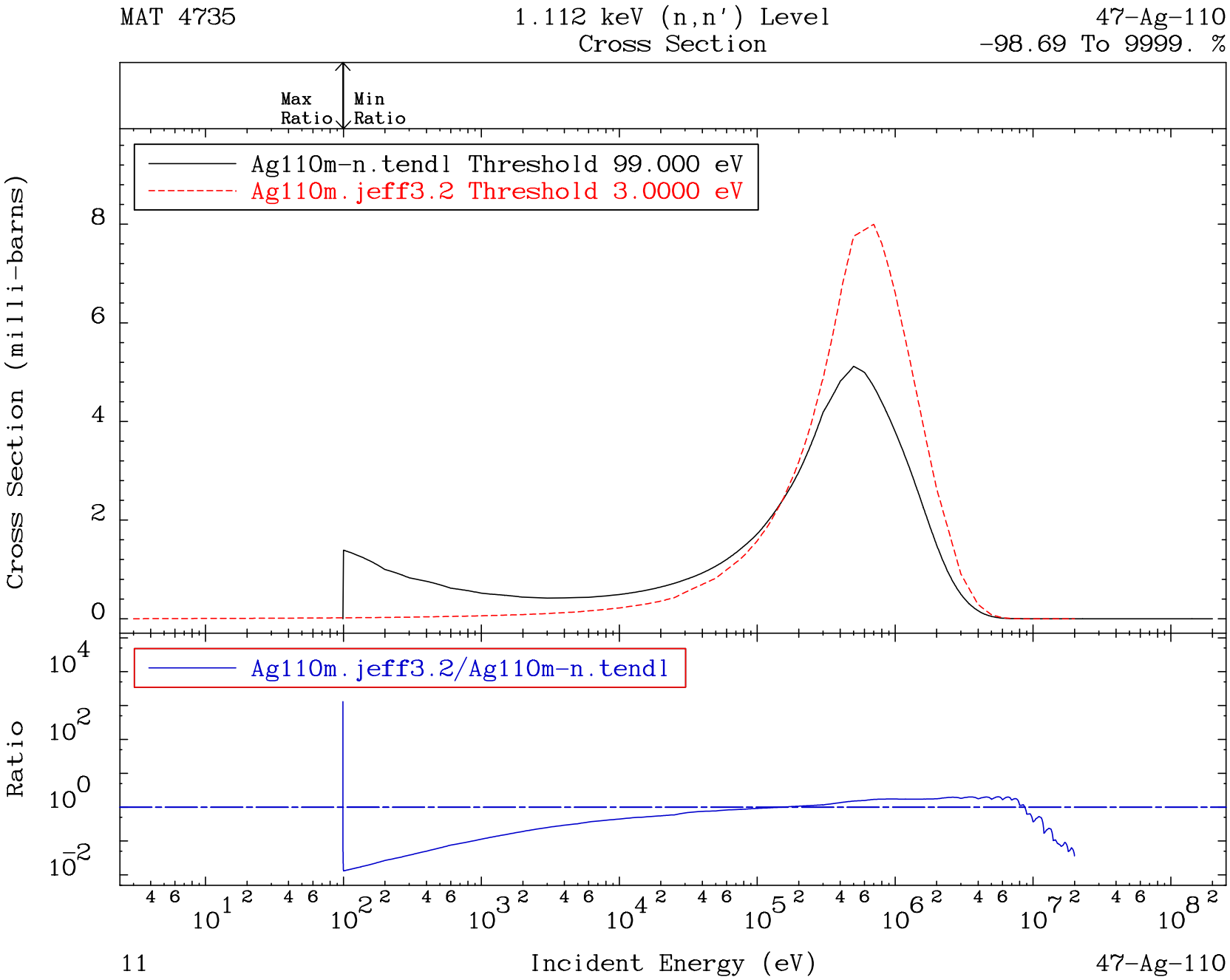

MAT 4735
(n,n') α
Cross Section
47-Ag-110
-86.67 To 9999. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 3.4345 MeV
Ag110m.jeff3.2 Threshold 4.0000 MeV
Cross Section (milli-barns)
20
15
10
5
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^4
10^2
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
6
Incident Energy (eV)
47-Ag-110

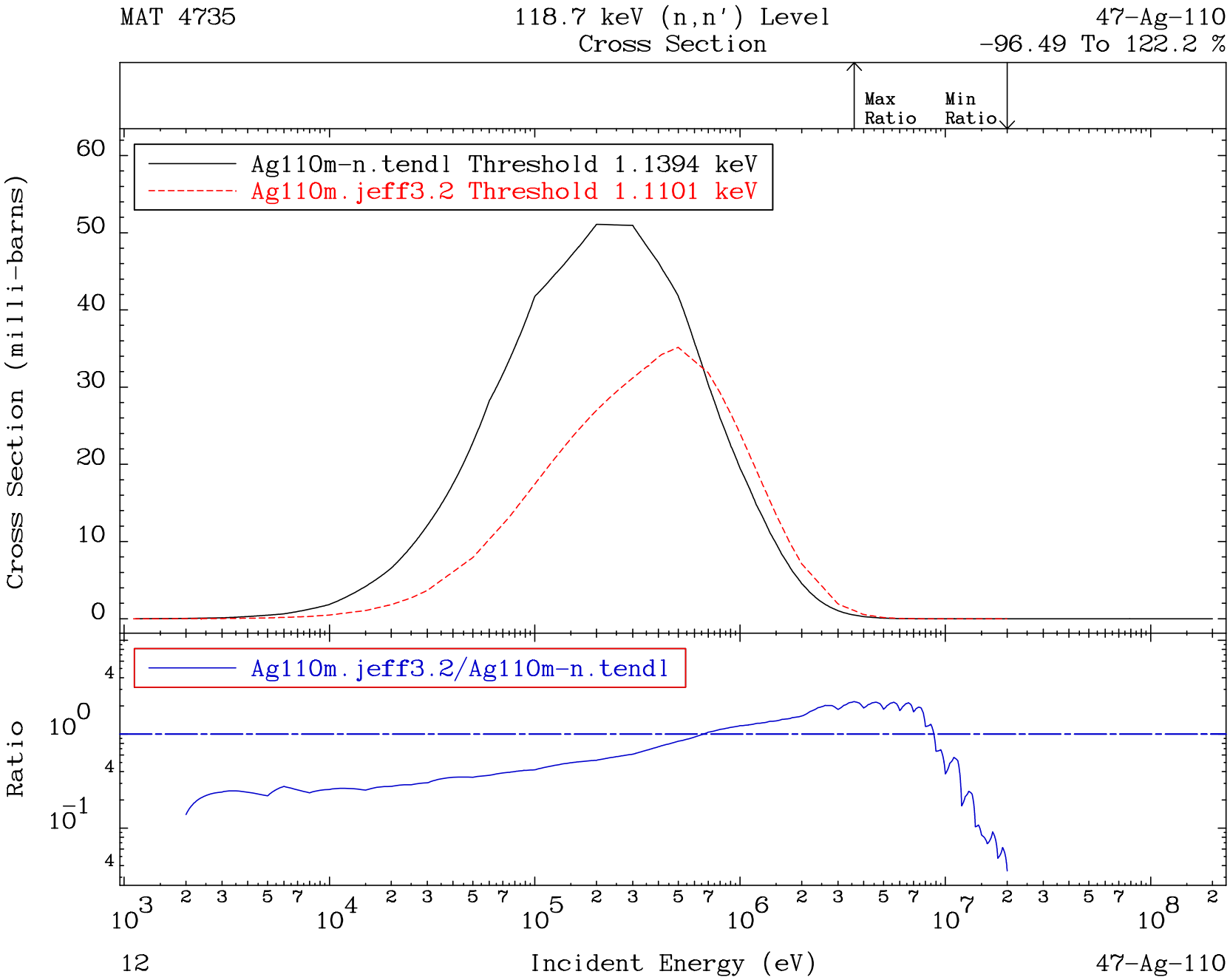

MAT 4735
(n,n') p
Cross Section
47-Ag-110
-100.0 To 12.85 %
Max
Ratio
Ag110m-n.tendl Threshold 7.0870 MeV
Ag110m.jeff3.2 Threshold 7.2092 MeV
Cross Section (milli-barns)
80
60
40
20
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-2
10^-4
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
7
Incident Energy (eV)
47-Ag-110

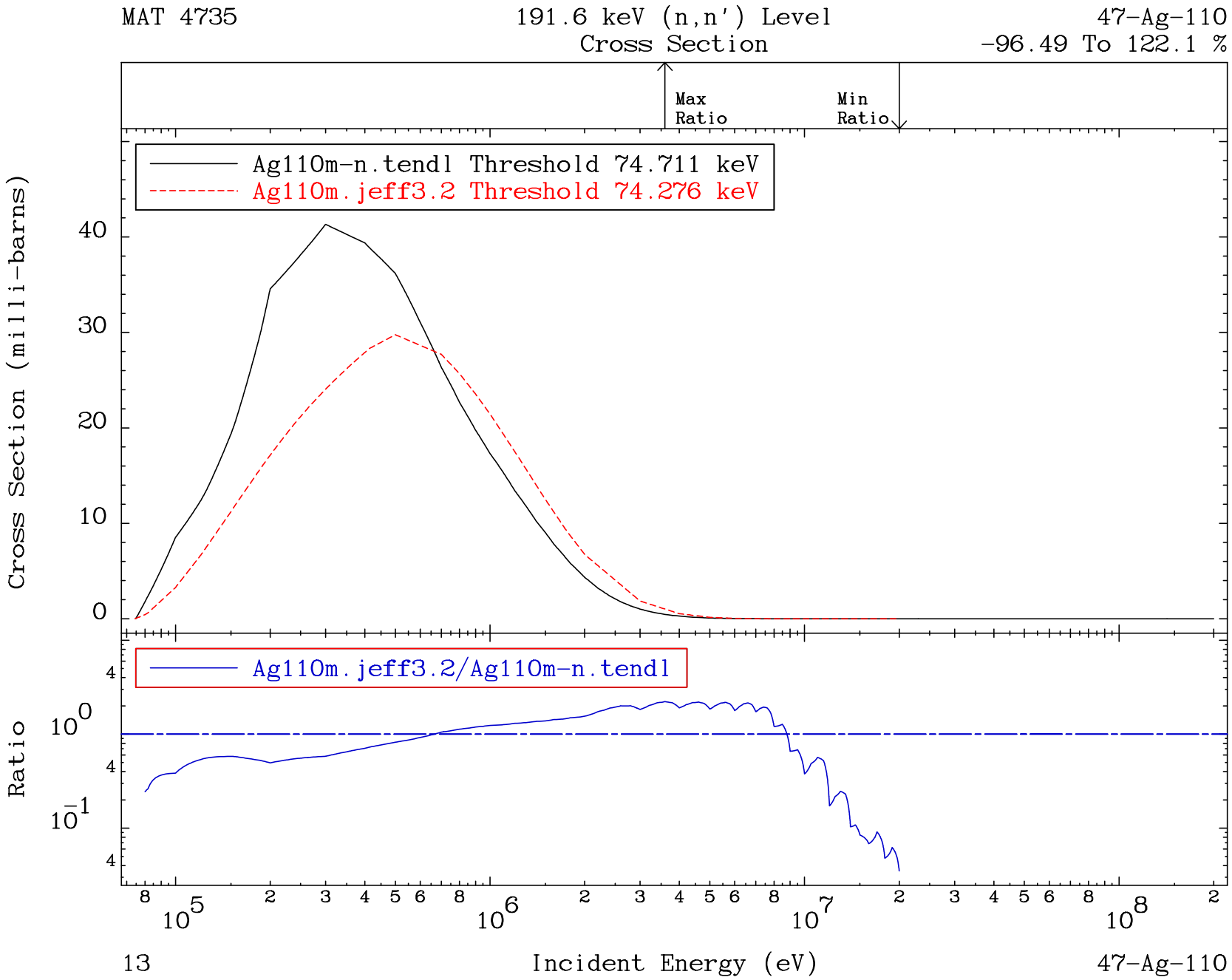

MAT 4735
(n,n') d
Cross Section
47-Ag-110
-99.99 To 3642. %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 11.052 MeV
Ag110m.jeff3.2 Threshold 11.094 MeV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
8
47-Ag-110

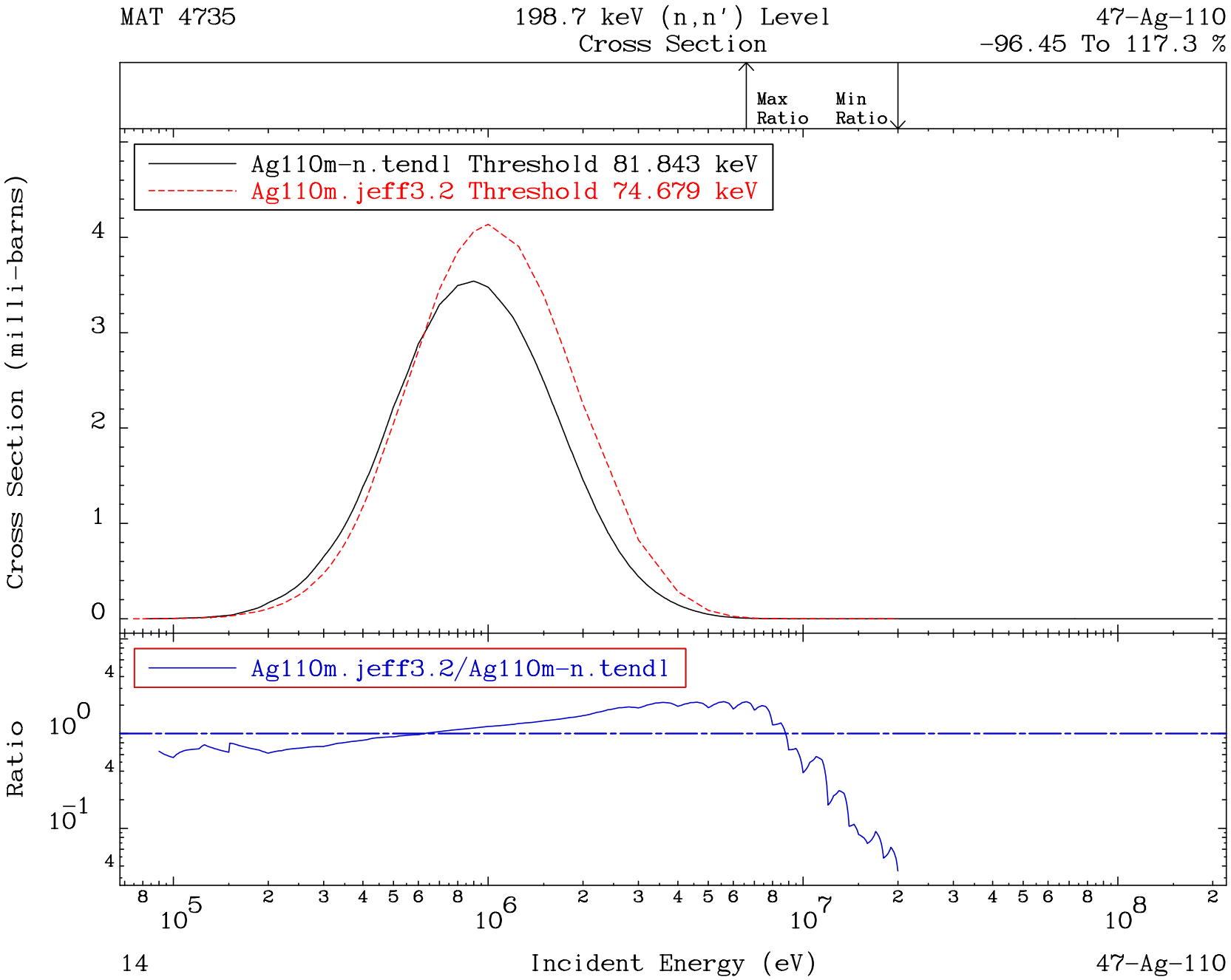

MAT 4735
(n,n') t
Cross Section
47-Ag-110
-99.69 To 401.7 %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 14.045 MeV
Ag110m.jeff3.2 Threshold 15.000 MeV
Cross Section (milli-barns)
0
2
4
6
8
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^{1}
10^{0}
10^{-1}
10^{-2}
2
3
4
5
6
7
8
9
10^{8}
2
9
Incident Energy (eV)
47-Ag-110

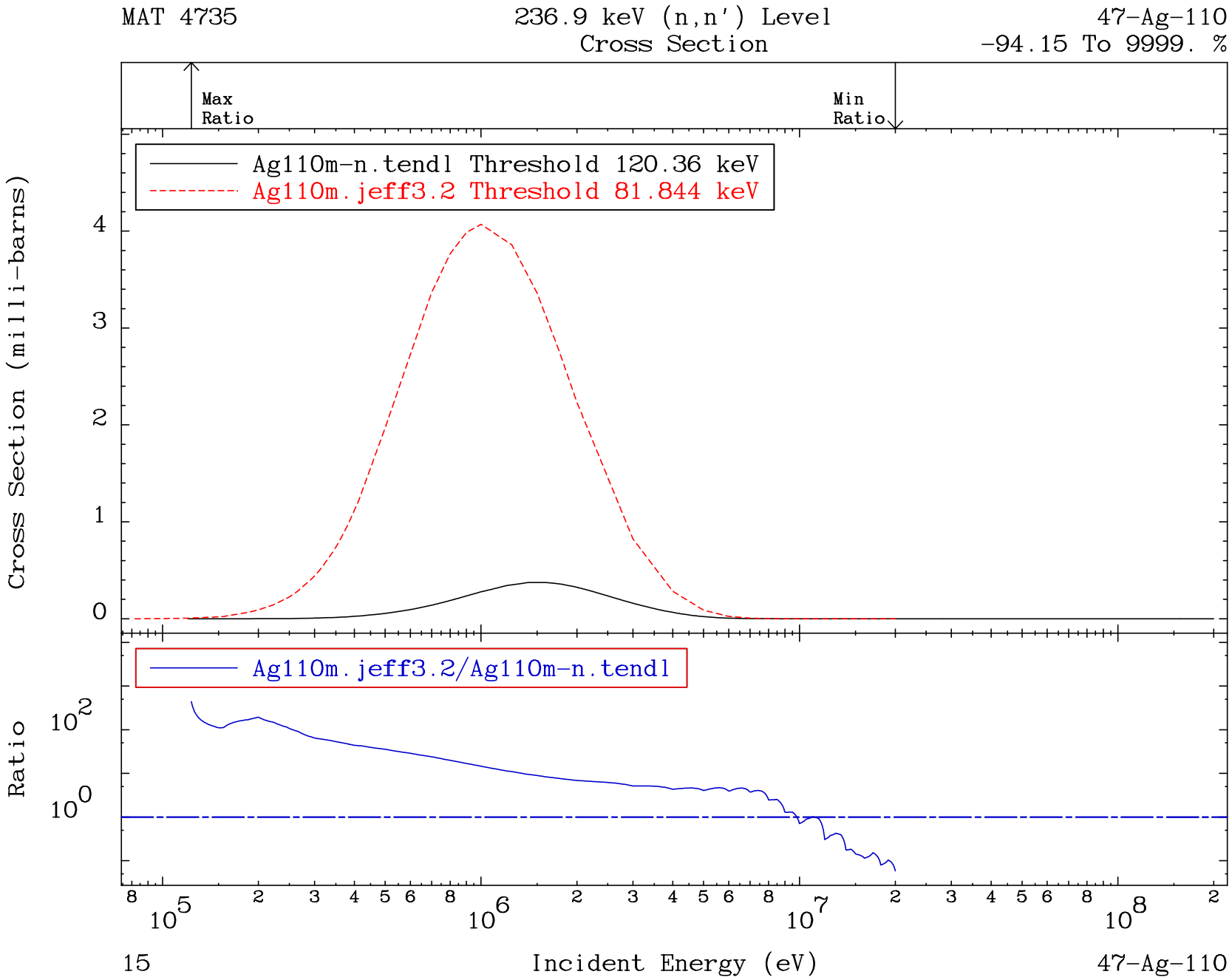

MAT 4735
0.000 keV (n,n') Level
Cross Section
47-Ag-110
-100.0 To 119.1 %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 99.000 eV
Ag110m.jeff3.2 Threshold 5.0000 keV
Cross Section (milli-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-2
10^-4
10^2 2 3 5 7 10^3 2 3 5 7 10^4 2 3 5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
10
Incident Energy (eV)
47-Ag-110

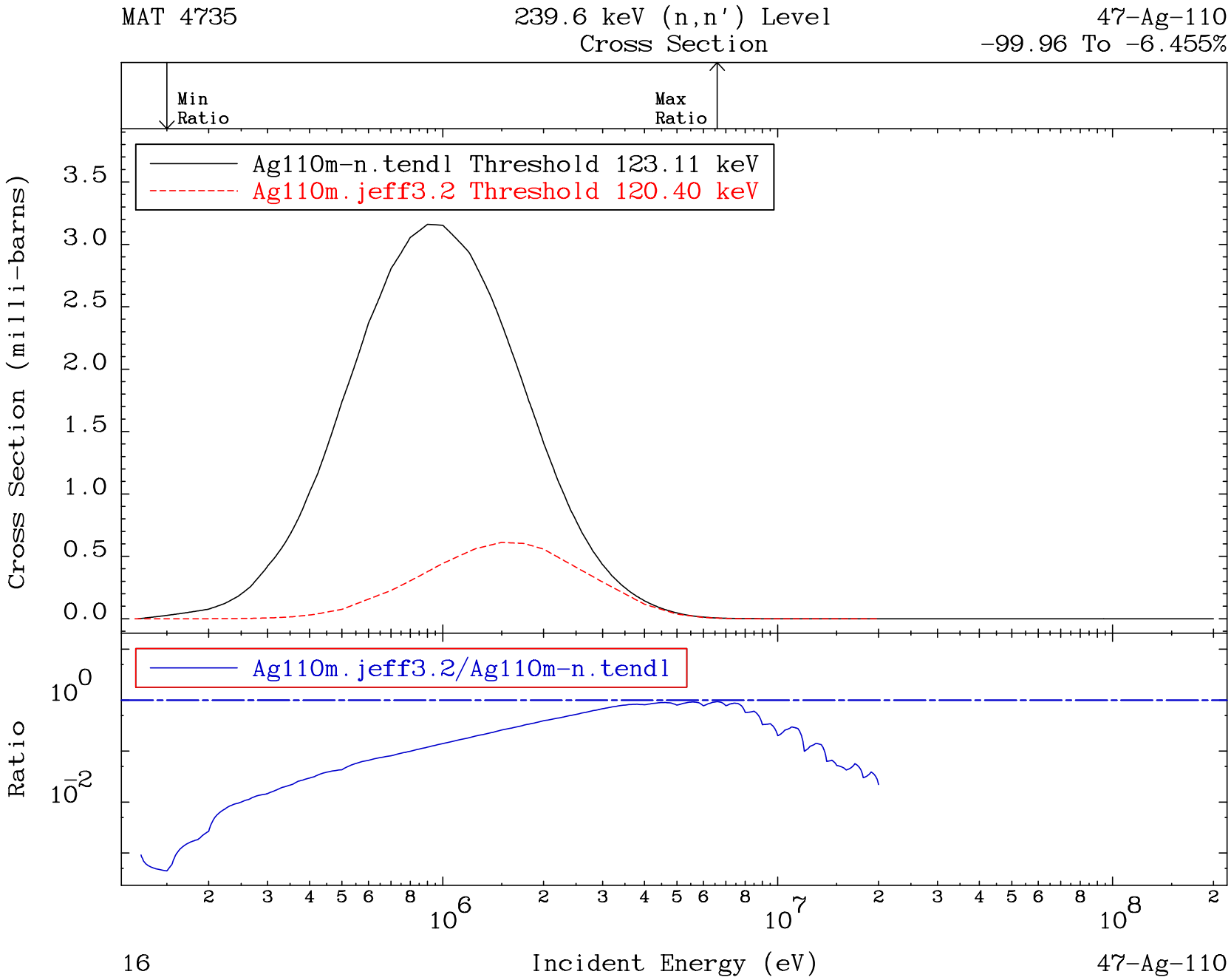

MAT 4735
1.112 keV (n,n') Level
Cross Section
47-Ag-110
-98.69 To 9999. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 99.000 eV
Ag110m.jeff3.2 Threshold 3.0000 eV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
11
47-Ag-110

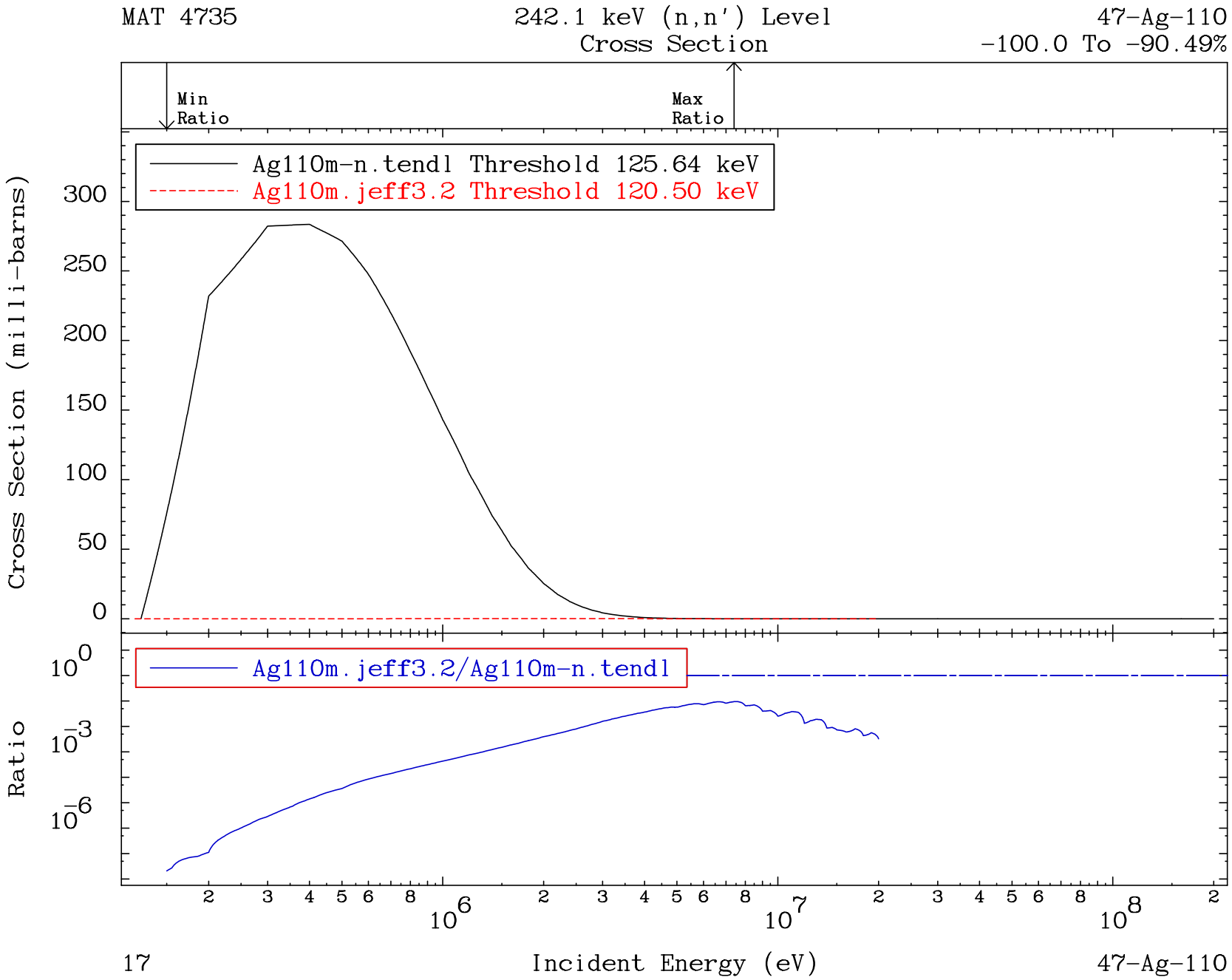

MAT 4735
118.7 keV (n,n') Level
Cross Section
47-Ag-110
-96.49 To 122.2 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 1.1394 keV
Ag110m.jeff3.2 Threshold 1.1101 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
12
47-Ag-110

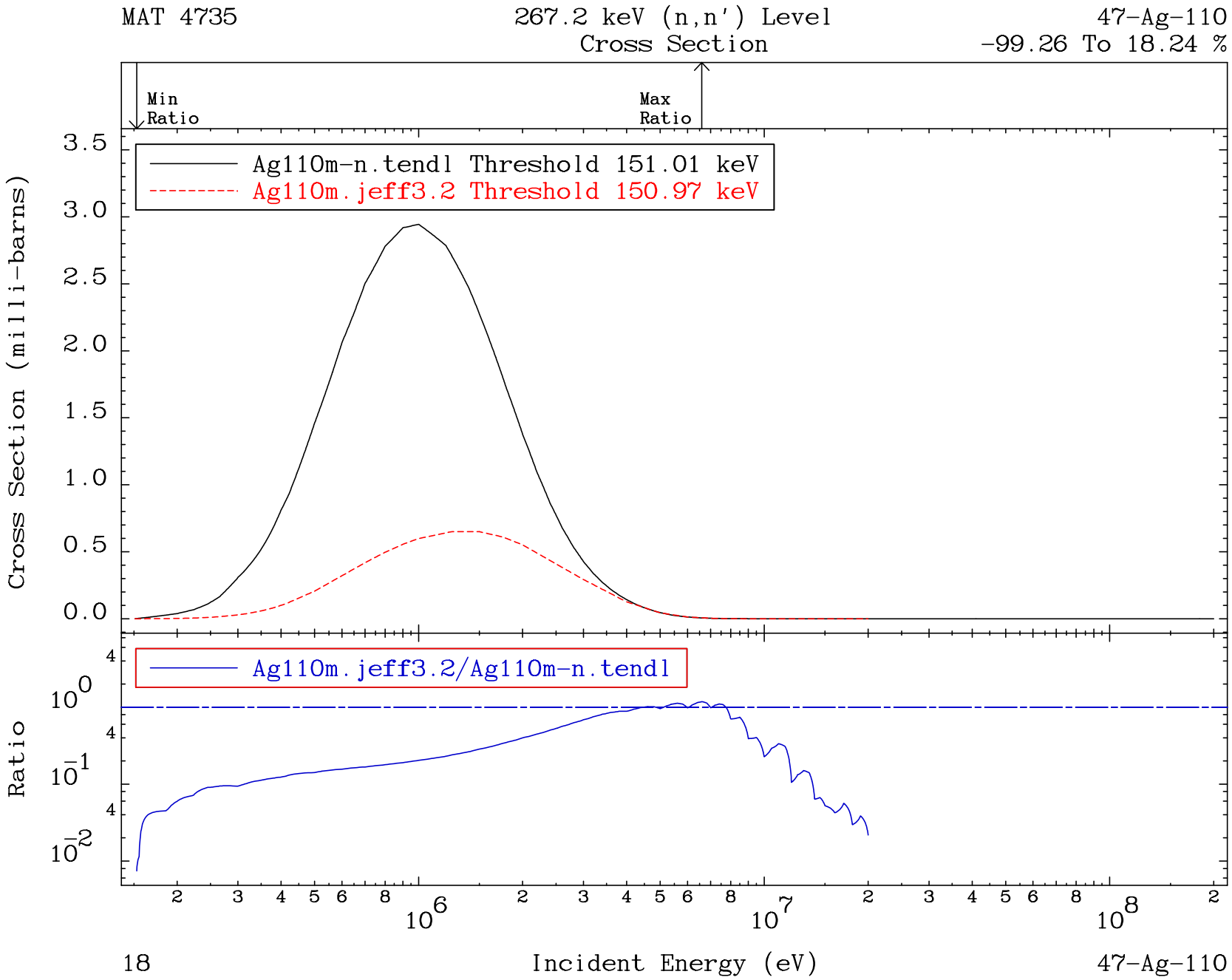

MAT 4735
191.6 keV (n,n') Level
Cross Section
47-Ag-110
-96.49 To 122.1 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 74.711 keV
Ag110m.jeff3.2 Threshold 74.276 keV
Cross Section (milli-barns)
40
30
20
10
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
4
10^0
4
10^{-1}
4
8
10^5
2
3
4
5
6
8
10^6
2
3
4
5
6
8
10^7
2
3
4
5
6
8
10^8
2
13
Incident Energy (eV)
47-Ag-110

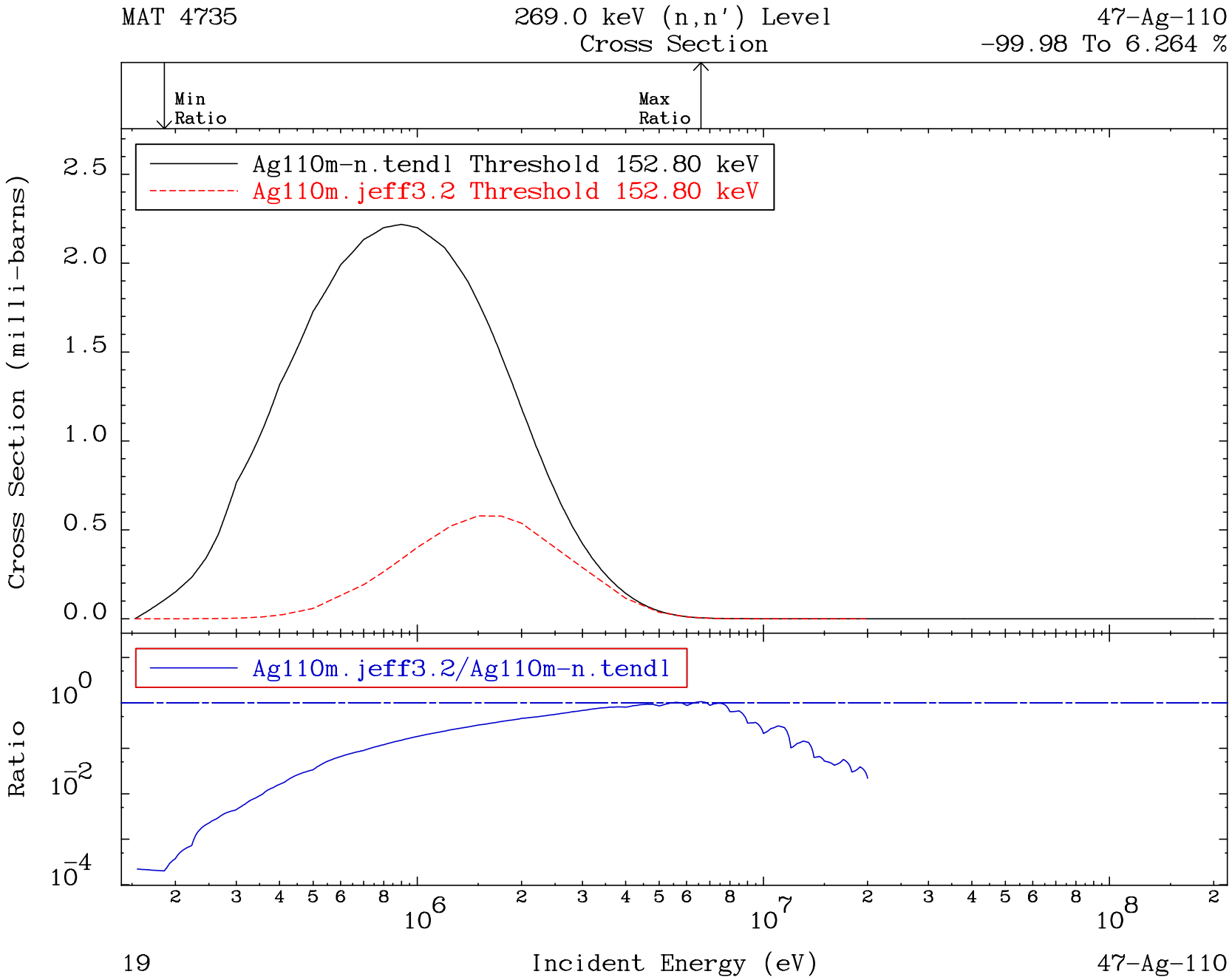

MAT 4735
198.7 keV (n,n') Level
Cross Section
47-Ag-110
-96.45 To 117.3 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 81.843 keV
Ag110m.jeff3.2 Threshold 74.679 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
14
47-Ag-110

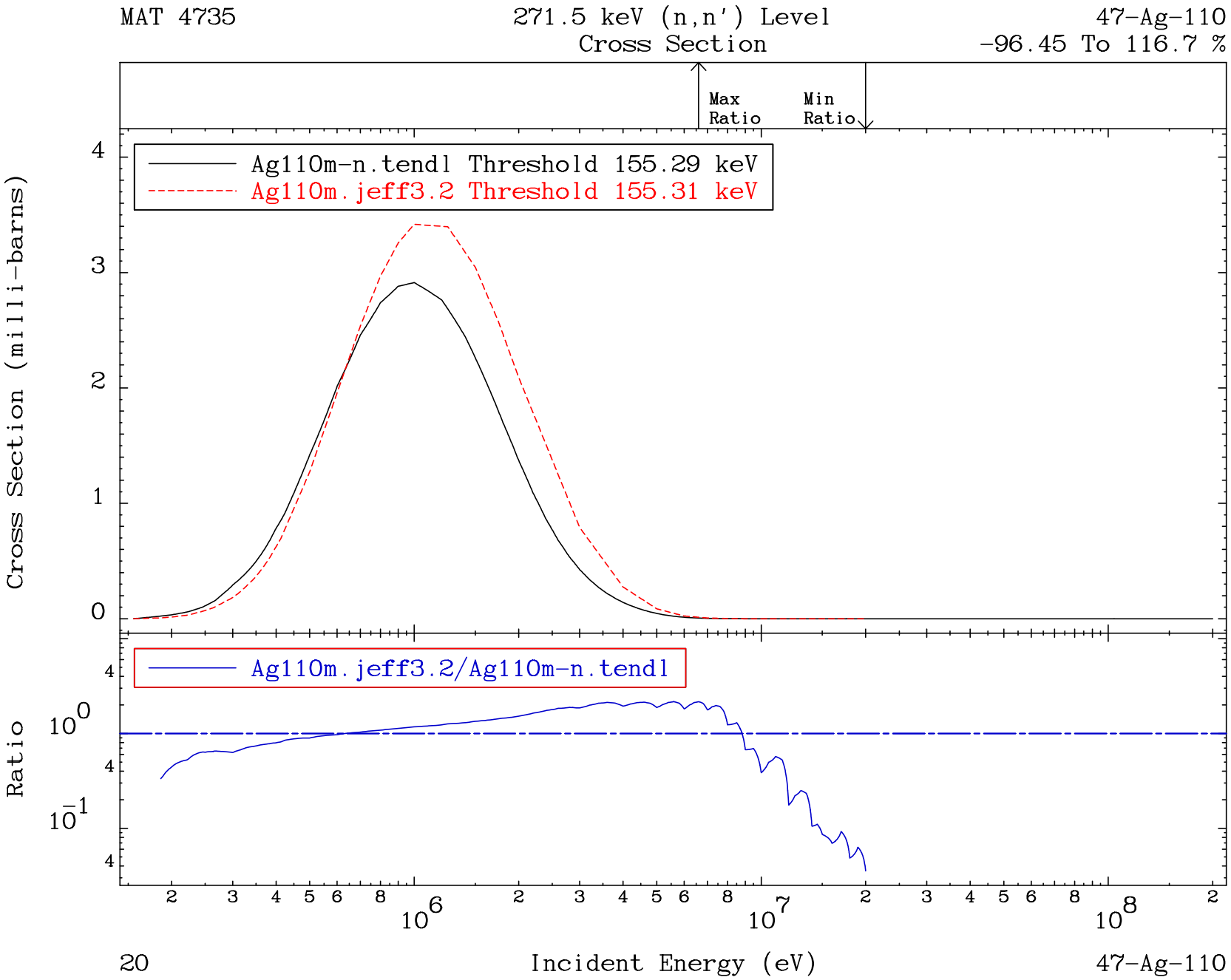

MAT 4735
236.9 keV (n,n') Level
Cross Section
47-Ag-110
-94.15 To 9999. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 120.36 keV
Ag110m.jeff3.2 Threshold 81.844 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
15
47-Ag-110

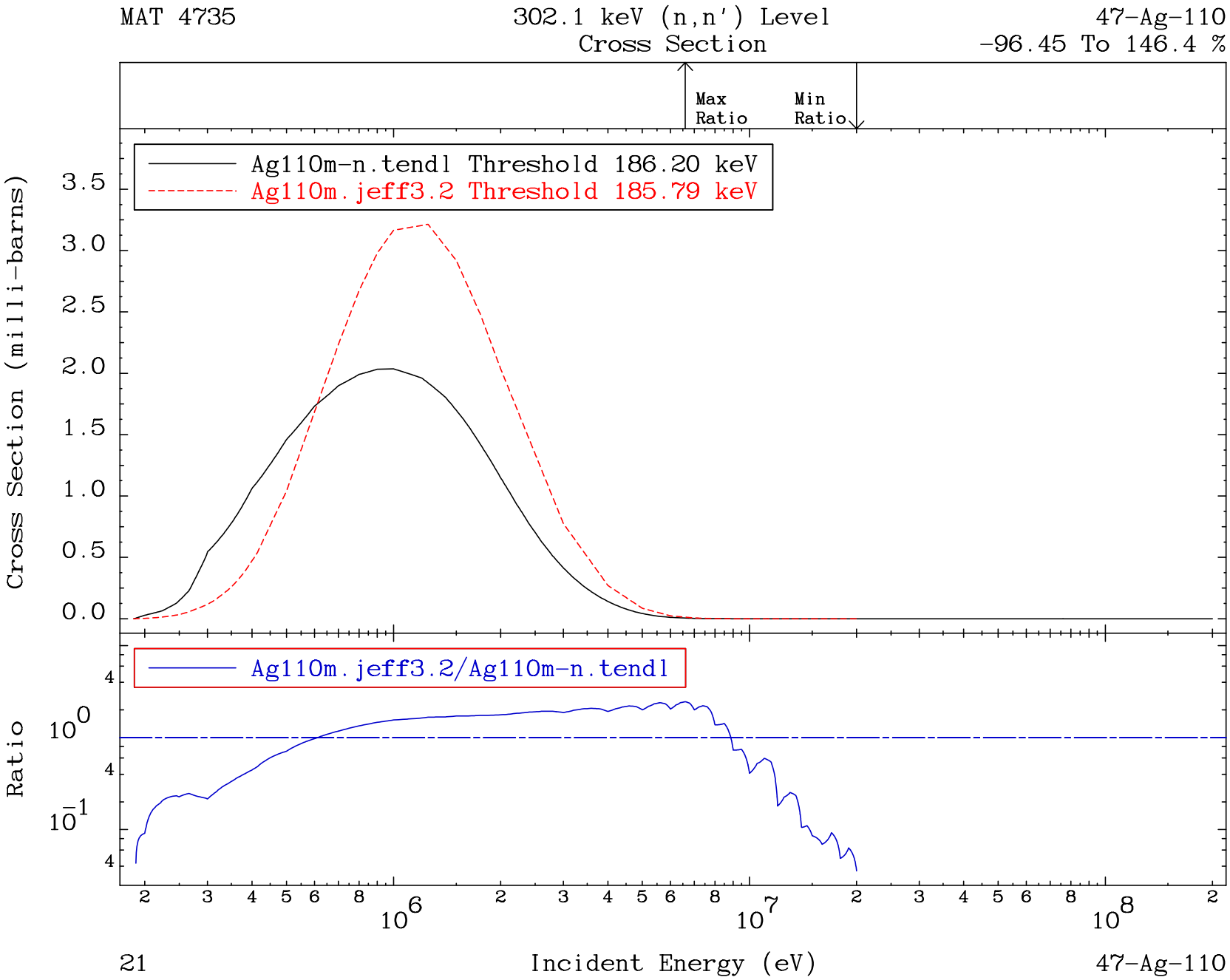

MAT 4735
239.6 keV (n,n') Level
Cross Section
47-Ag-110
-99.96 To -6.455%
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 123.11 keV
Ag110m.jeff3.2 Threshold 120.40 keV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-2
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
16
Incident Energy (eV)
47-Ag-110

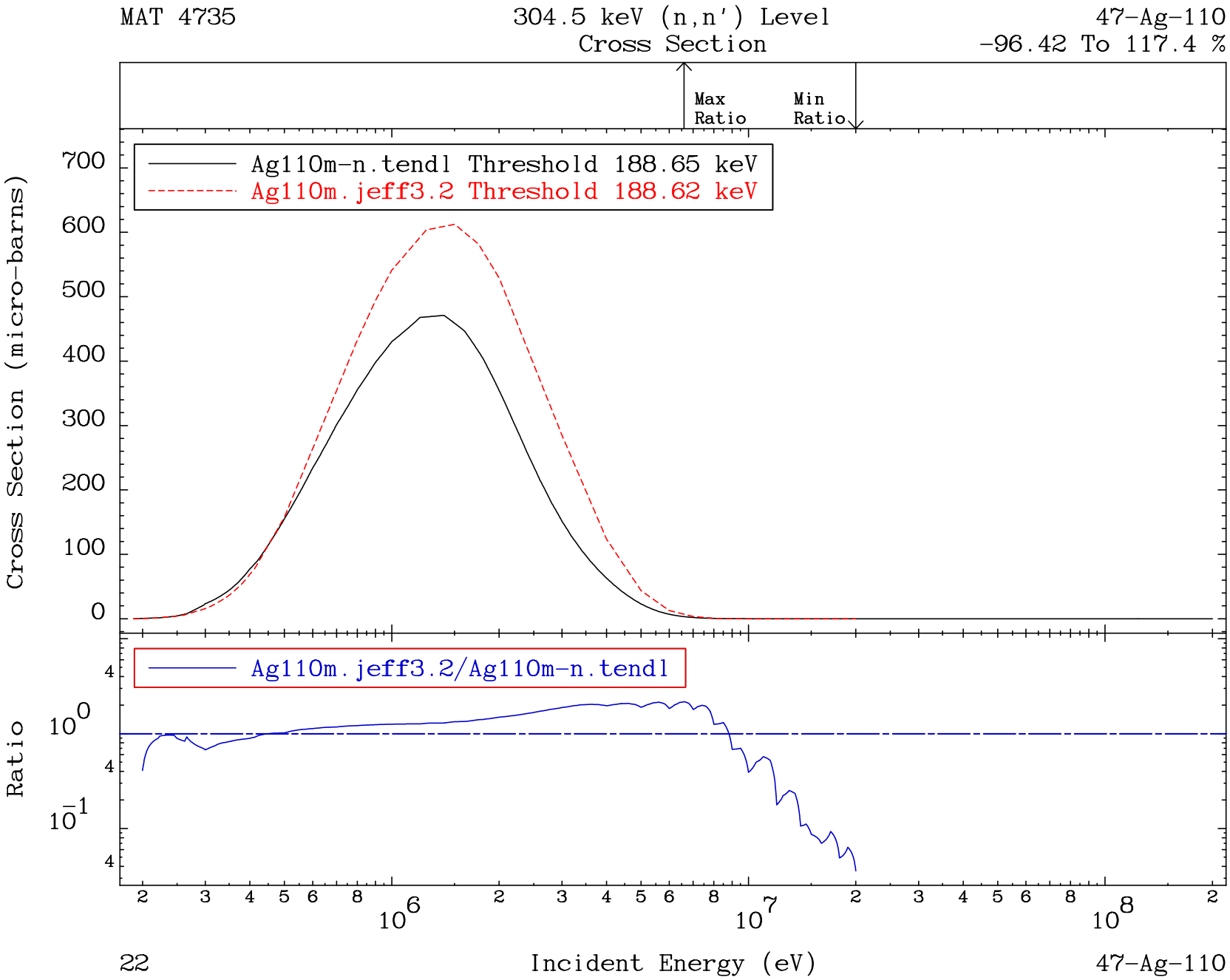

MAT 4735
242.1 keV (n,n') Level
Cross Section
47-Ag-110
-100.0 To -90.49%
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 125.64 keV
Ag110m.jeff3.2 Threshold 120.50 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-3
10^-6
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
17
Incident Energy (eV)
47-Ag-110

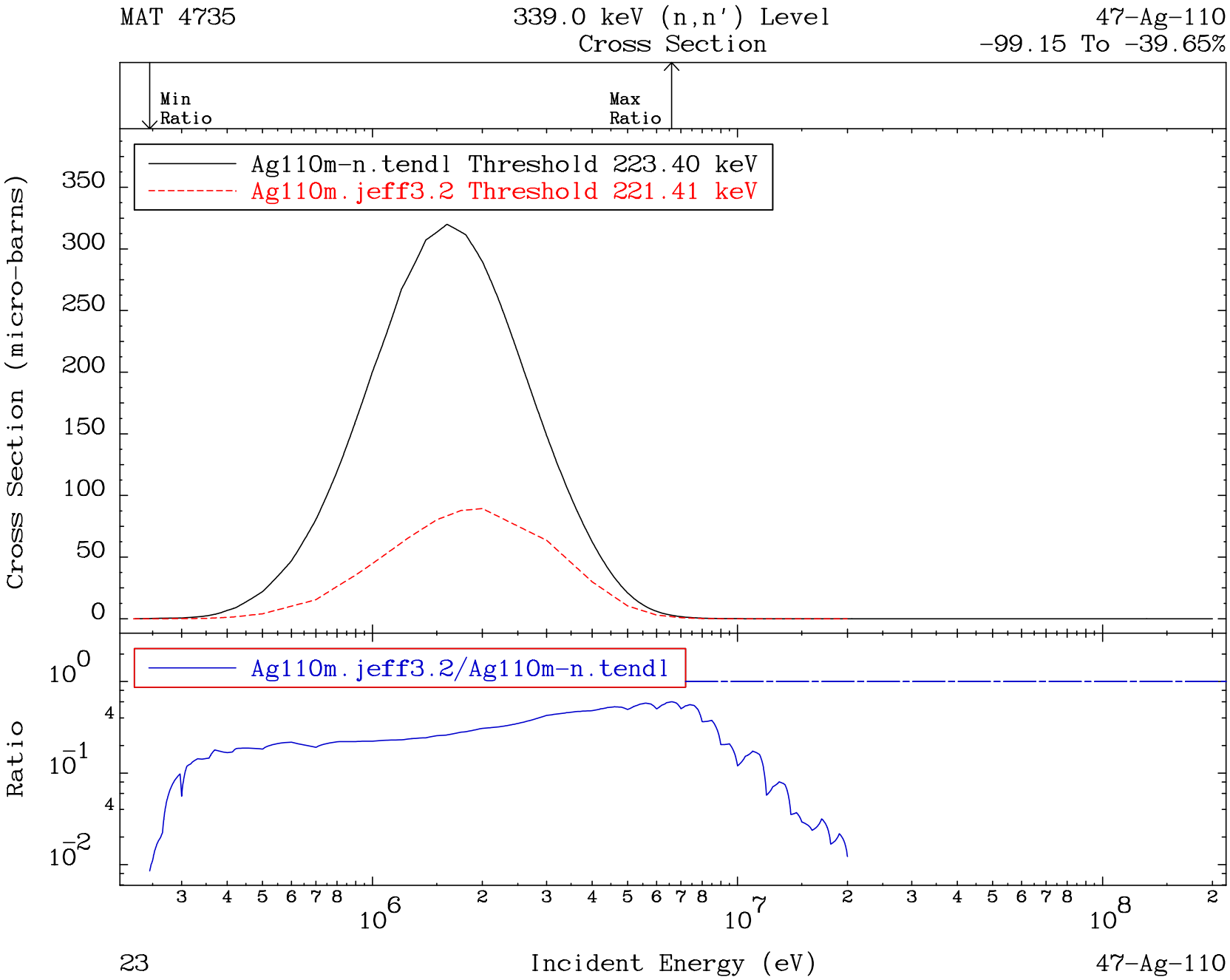

MAT 4735
267.2 keV (n,n') Level
Cross Section
47-Ag-110
-99.26 To 18.24 %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 151.01 keV
Ag110m.jeff3.2 Threshold 150.97 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
18
47-Ag-110

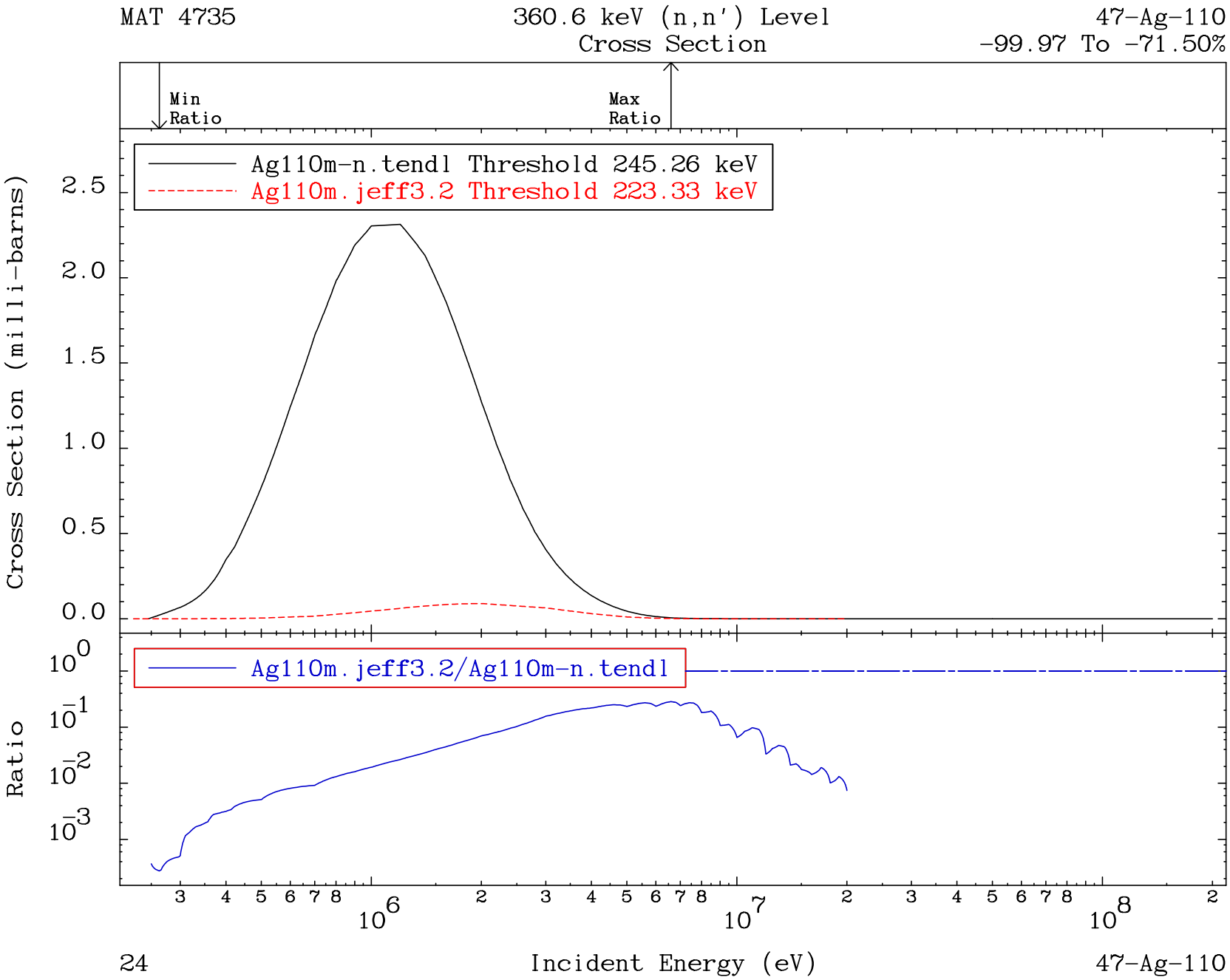

MAT 4735
269.0 keV (n,n') Level
Cross Section
47-Ag-110
-99.98 To 6.264 %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 152.80 keV
Ag110m.jeff3.2 Threshold 152.80 keV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-2
10^-4
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
19
Incident Energy (eV)
47-Ag-110

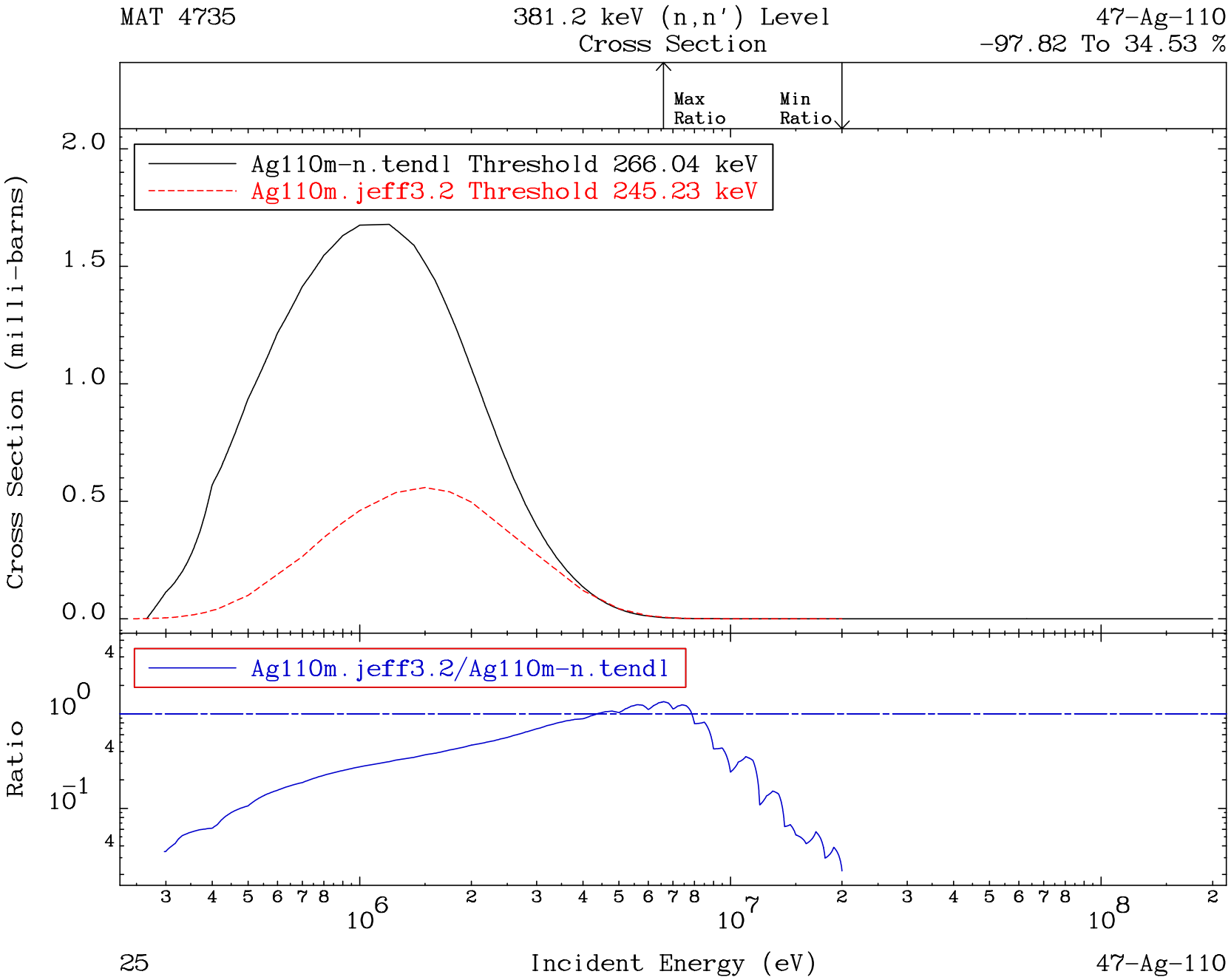

MAT 4735
271.5 keV (n,n') Level
Cross Section
47-Ag-110
-96.45 To 116.7 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 155.29 keV
Ag110m.jeff3.2 Threshold 155.31 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
20
47-Ag-110

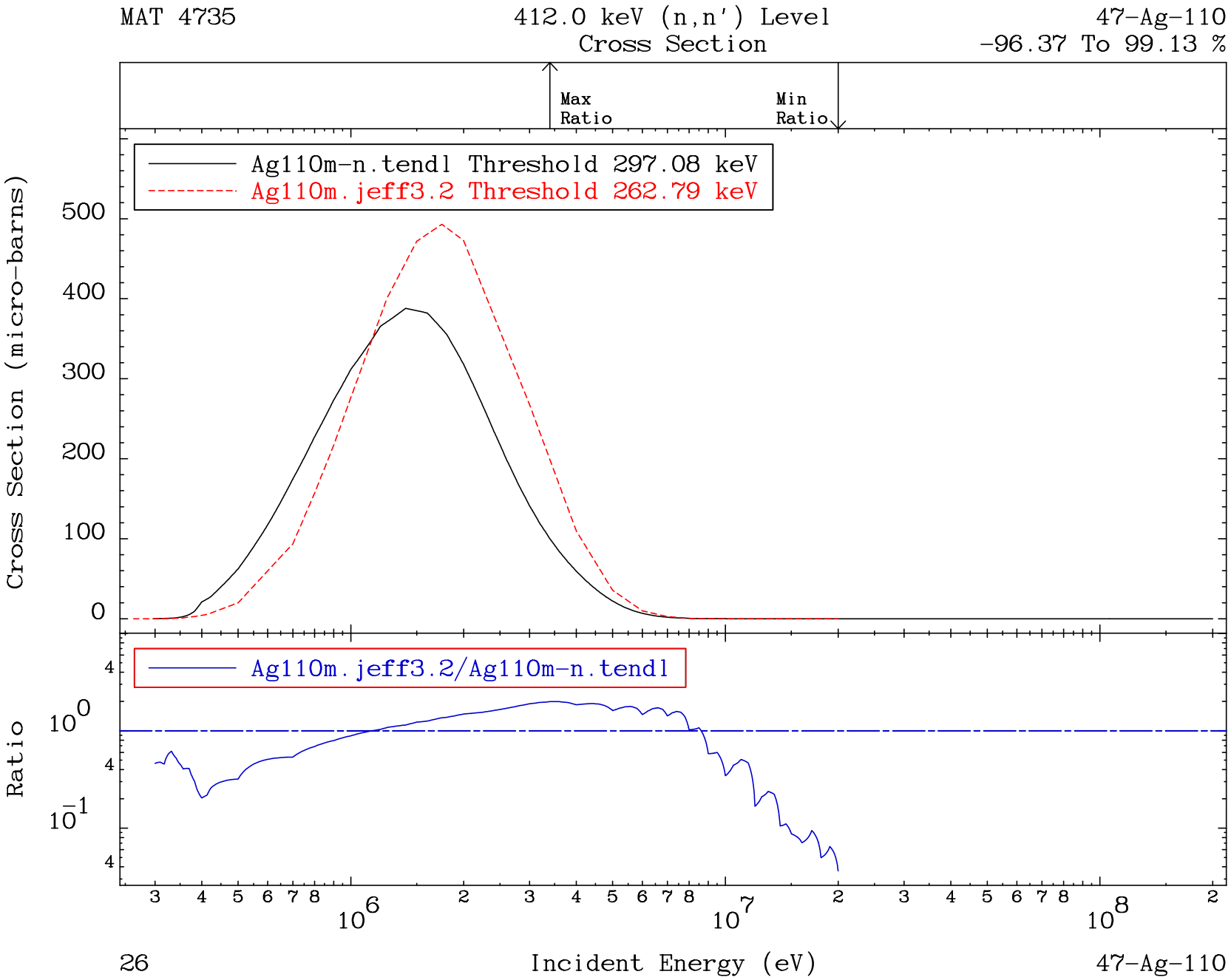

MAT 4735
302.1 keV (n,n') Level
Cross Section
47-Ag-110
-96.45 To 146.4 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 186.20 keV
Ag110m.jeff3.2 Threshold 185.79 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
21
47-Ag-110

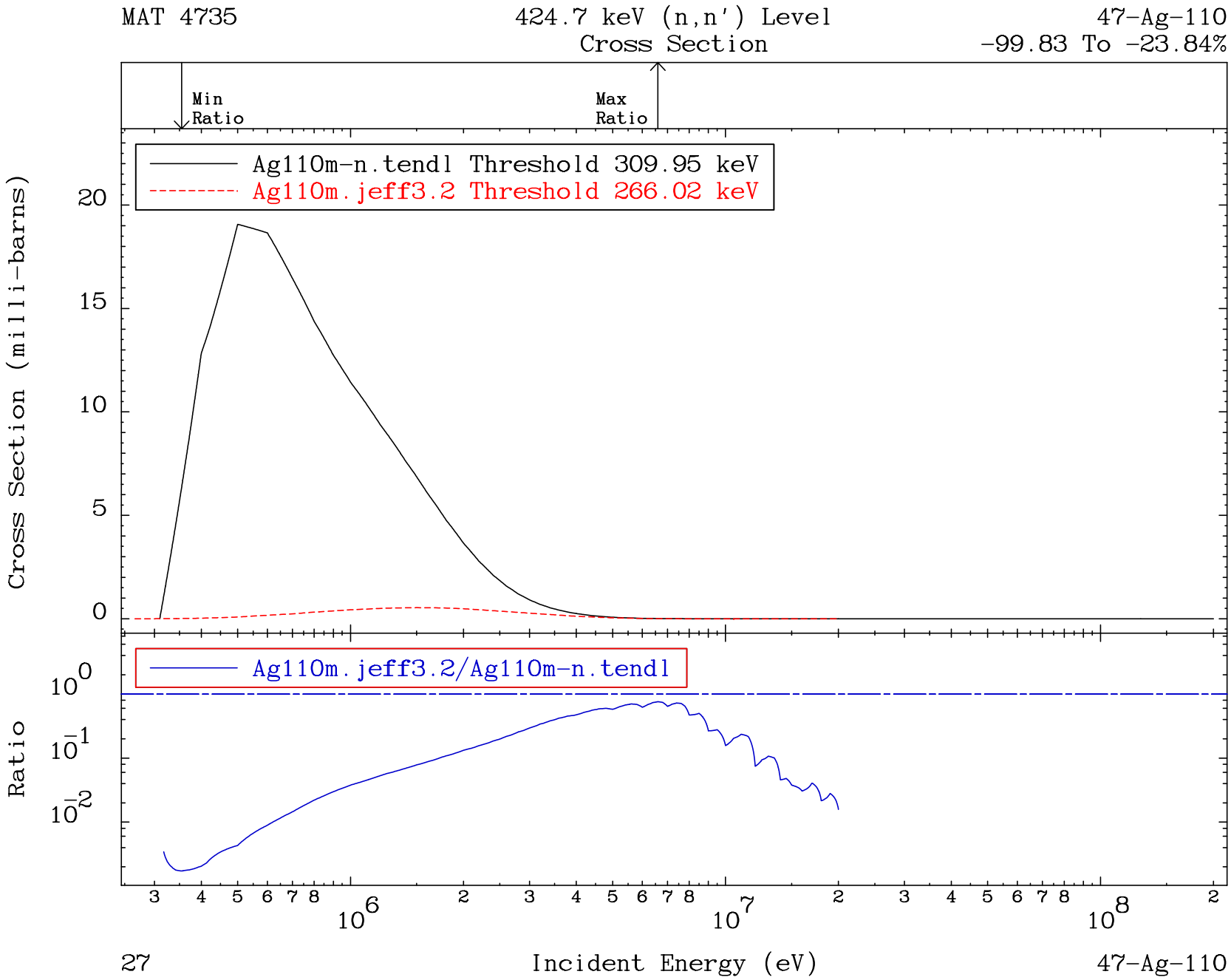

MAT 4735
304.5 keV (n,n') Level
Cross Section
47-Ag-110
-96.42 To 117.4 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 188.65 keV
Ag110m.jeff3.2 Threshold 188.62 keV
Cross Section (micro-barns)
700
600
500
400
300
200
100
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-1
2 3 4 5 6 8 10^6 2 3 4 5 6 8 10^7 2 3 4 5 6 8 10^8 2
22
Incident Energy (eV)
47-Ag-110

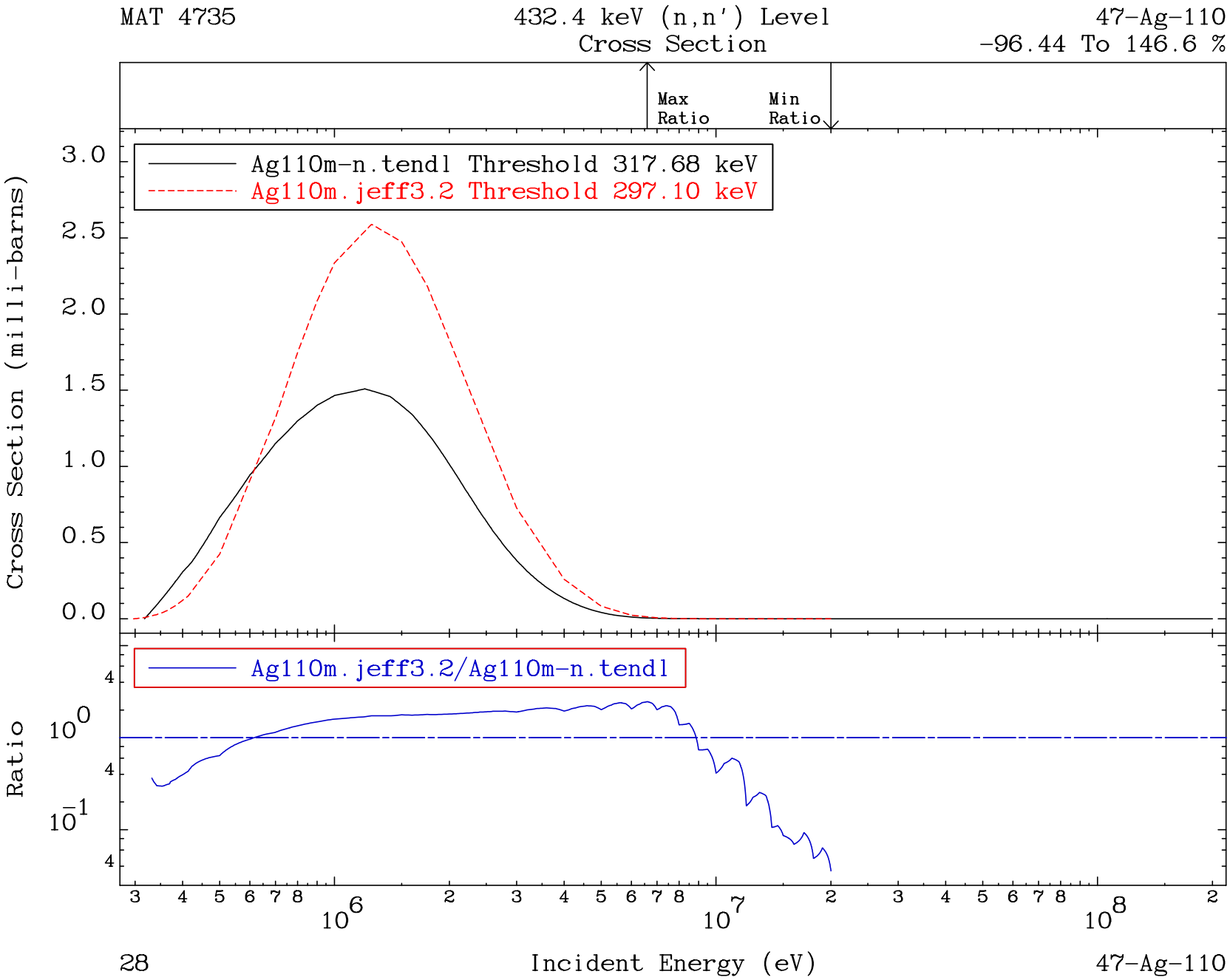

MAT 4735
339.0 keV (n,n') Level
Cross Section
47-Ag-110
-99.15 To -39.65%
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 223.40 keV
Ag110m.jeff3.2 Threshold 221.41 keV
Cross Section (micro-barns)
350
300
250
200
150
100
50
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-1
10^-2
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
23
Incident Energy (eV)
47-Ag-110

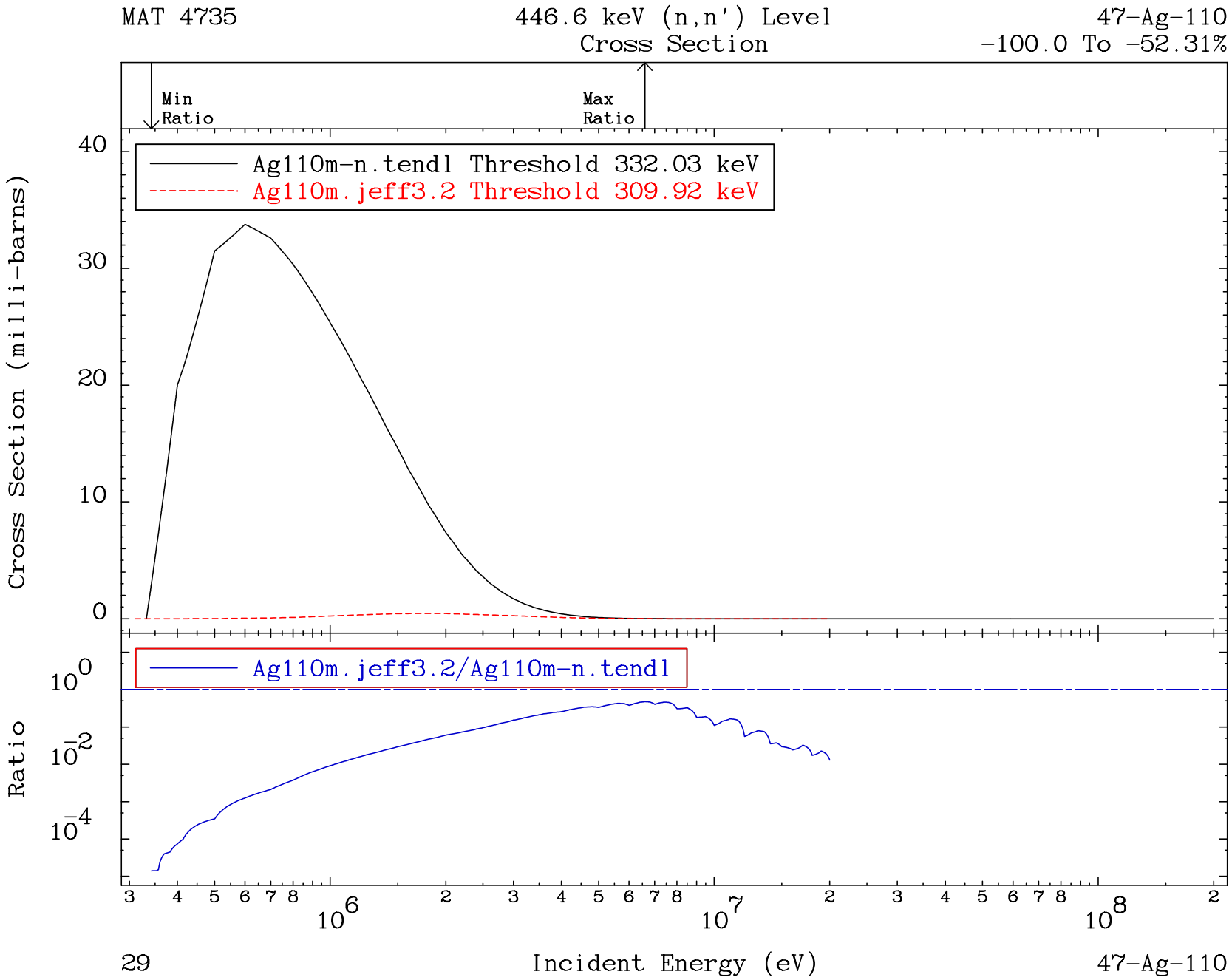

MAT 4735
360.6 keV (n,n') Level
Cross Section
47-Ag-110
-99.97 To -71.50%
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 245.26 keV
Ag110m.jeff3.2 Threshold 223.33 keV
Cross Section (milli-barns)
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-1
10^-2
10^-3
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
24
Incident Energy (eV)
47-Ag-110

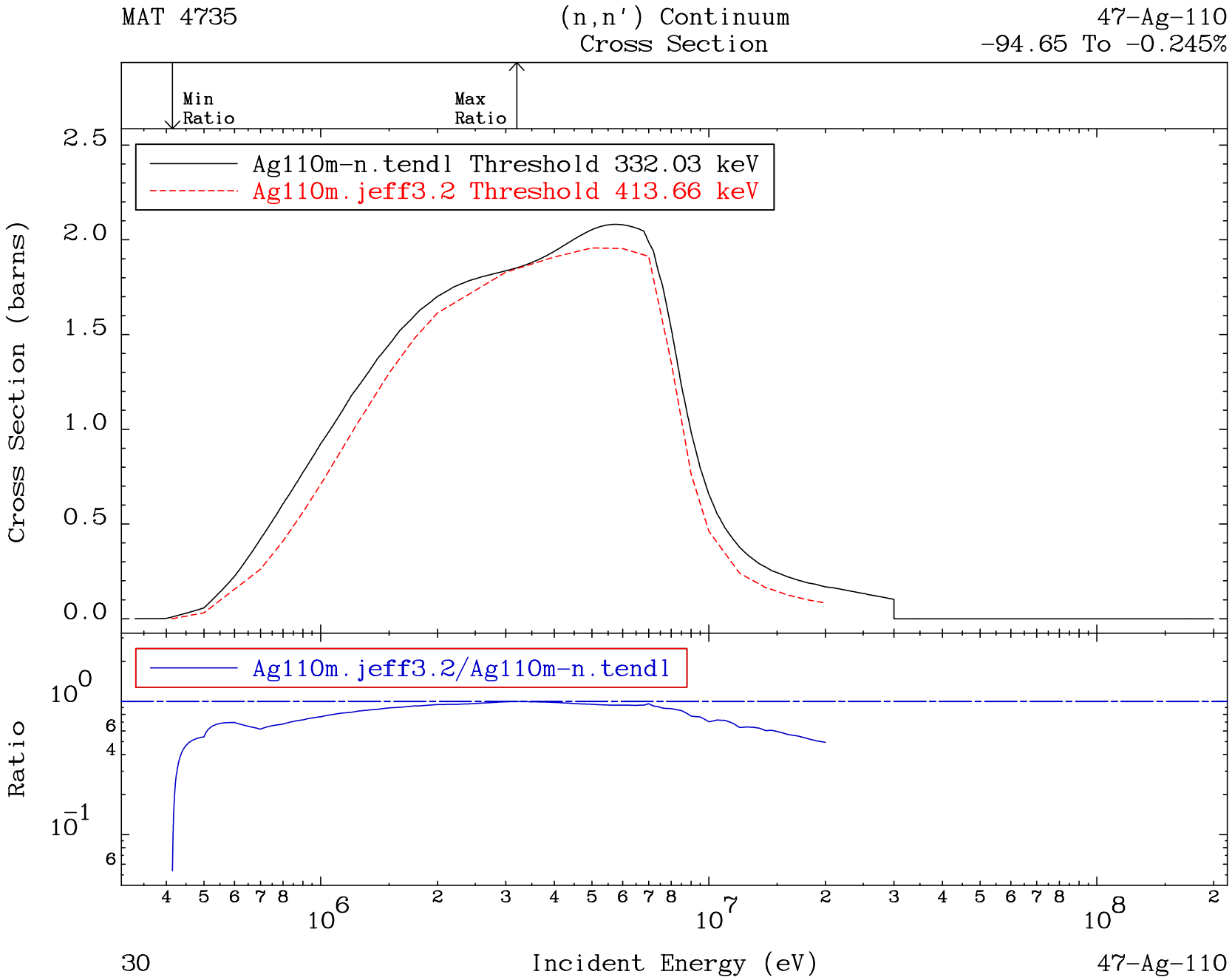

MAT 4735
381.2 keV (n,n') Level
Cross Section
47-Ag-110
-97.82 To 34.53 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 266.04 keV
Ag110m.jeff3.2 Threshold 245.23 keV
Cross Section (milli-barns)
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-1
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
25
Incident Energy (eV)
47-Ag-110

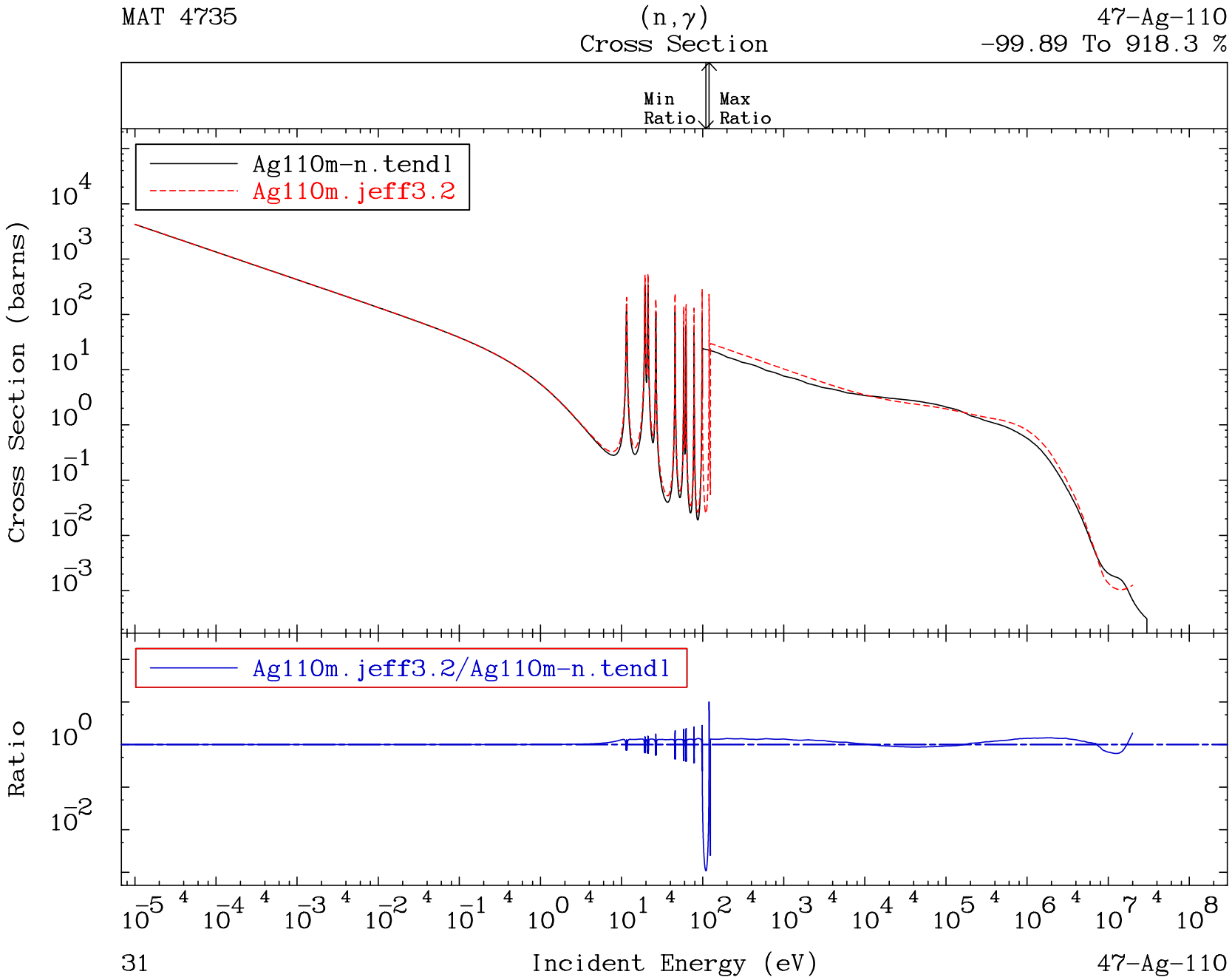

MAT 4735
412.0 keV (n,n') Level
Cross Section
47-Ag-110
-96.37 To 99.13 %
Max
Ratio
Min
Ratio
Ag110m-n.tendl Threshold 297.08 keV
Ag110m.jeff3.2 Threshold 262.79 keV
Cross Section (micro-barns)
500
400
300
200
100
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^{0}
10^{-1}
10^{6}
10^{7}
10^{8}
Incident Energy (eV)
26
47-Ag-110

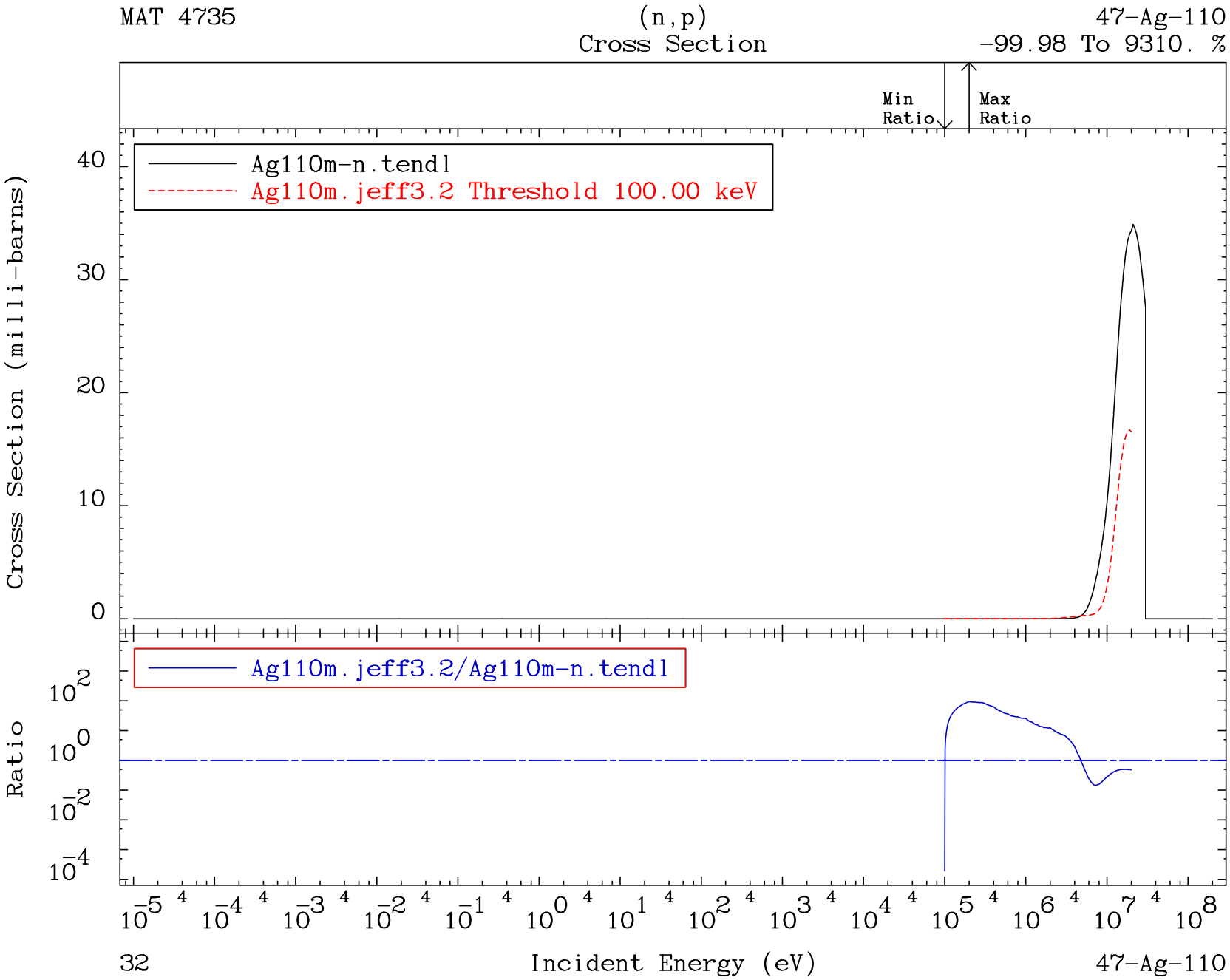

MAT 4735
424.7 keV (n,n') Level
Cross Section
47-Ag-110
-99.83 To -23.84%
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 309.95 keV
Ag110m.jeff3.2 Threshold 266.02 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
27
47-Ag-110

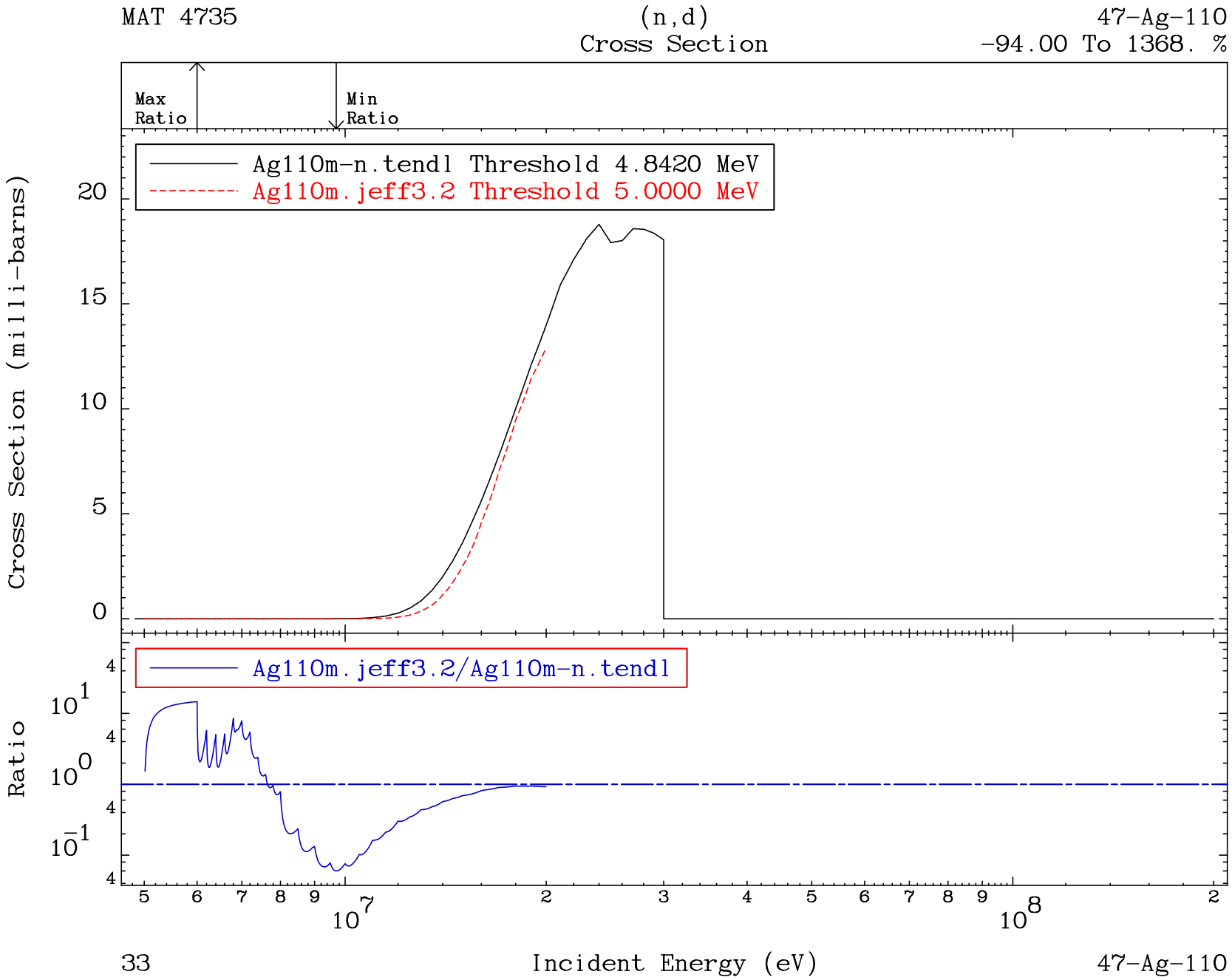

MAT 4735
432.4 keV (n,n') Level
Cross Section
47-Ag-110
-96.44 To 146.6 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 317.68 keV
Ag110m.jeff3.2 Threshold 297.10 keV
Cross Section (milli-barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
4
10^0
4
10^-1
4
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
28
Incident Energy (eV)
47-Ag-110

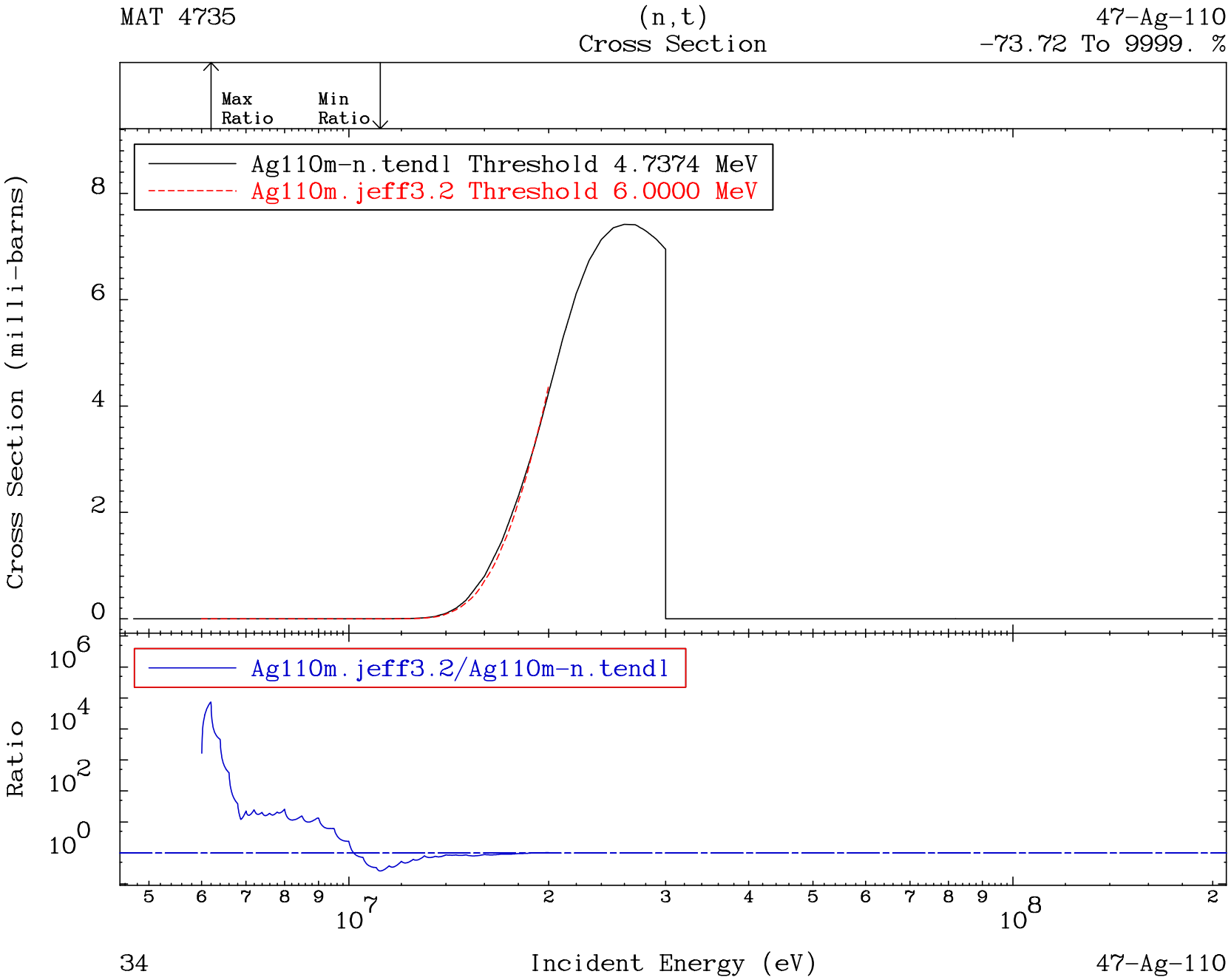

MAT 4735
446.6 keV (n,n') Level
Cross Section
47-Ag-110
-100.0 To -52.31%
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 332.03 keV
Ag110m.jeff3.2 Threshold 309.92 keV
Cross Section (milli-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
29
47-Ag-110

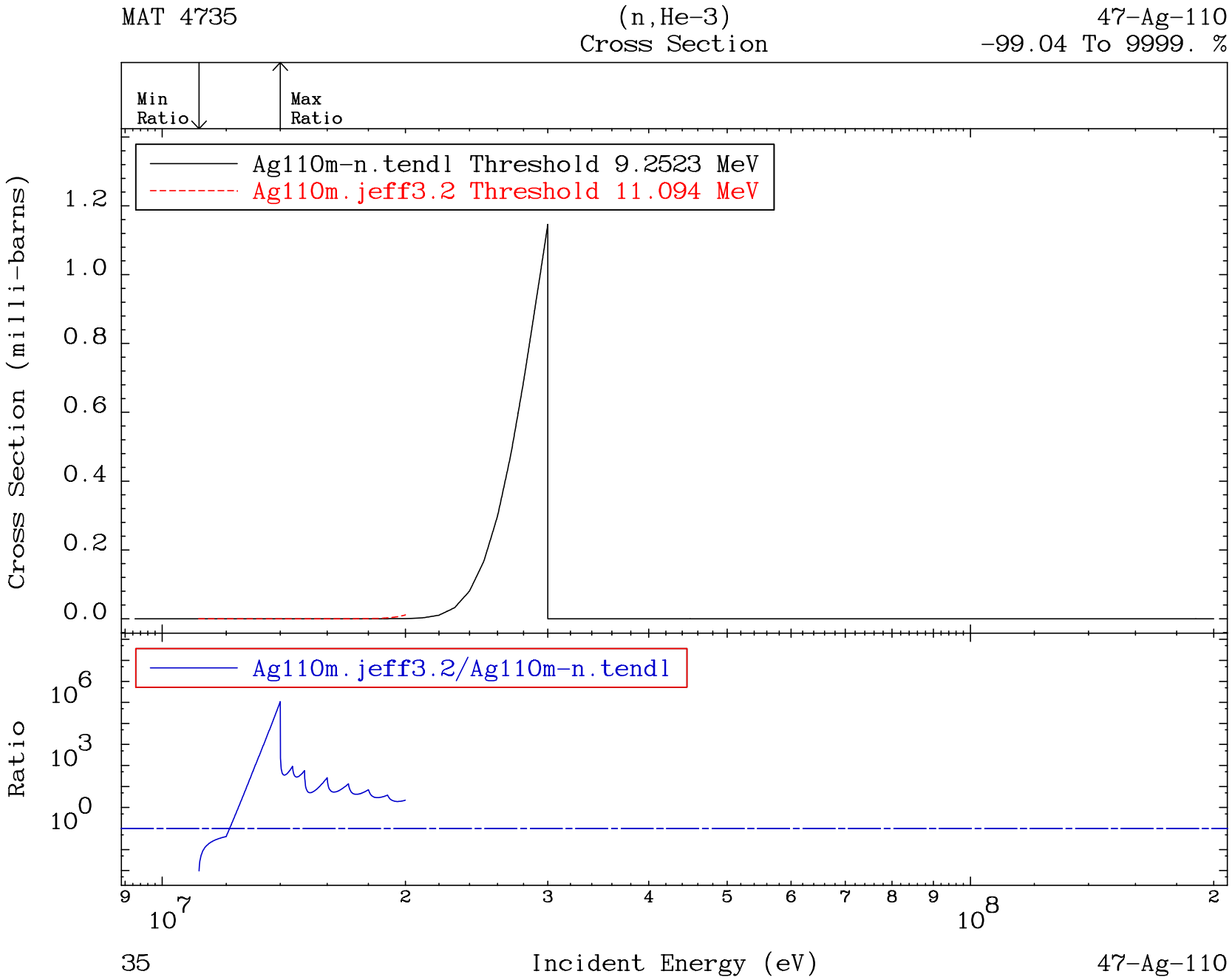

MAT 4735
(n,n') Continuum
Cross Section
47-Ag-110
-94.65 To -0.245%
Min
Ratio
Max
Ratio
Ag110m-n.tendl Threshold 332.03 keV
Ag110m.jeff3.2 Threshold 413.66 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
6
4
10^-1
6
4 5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
30
Incident Energy (eV)
47-Ag-110

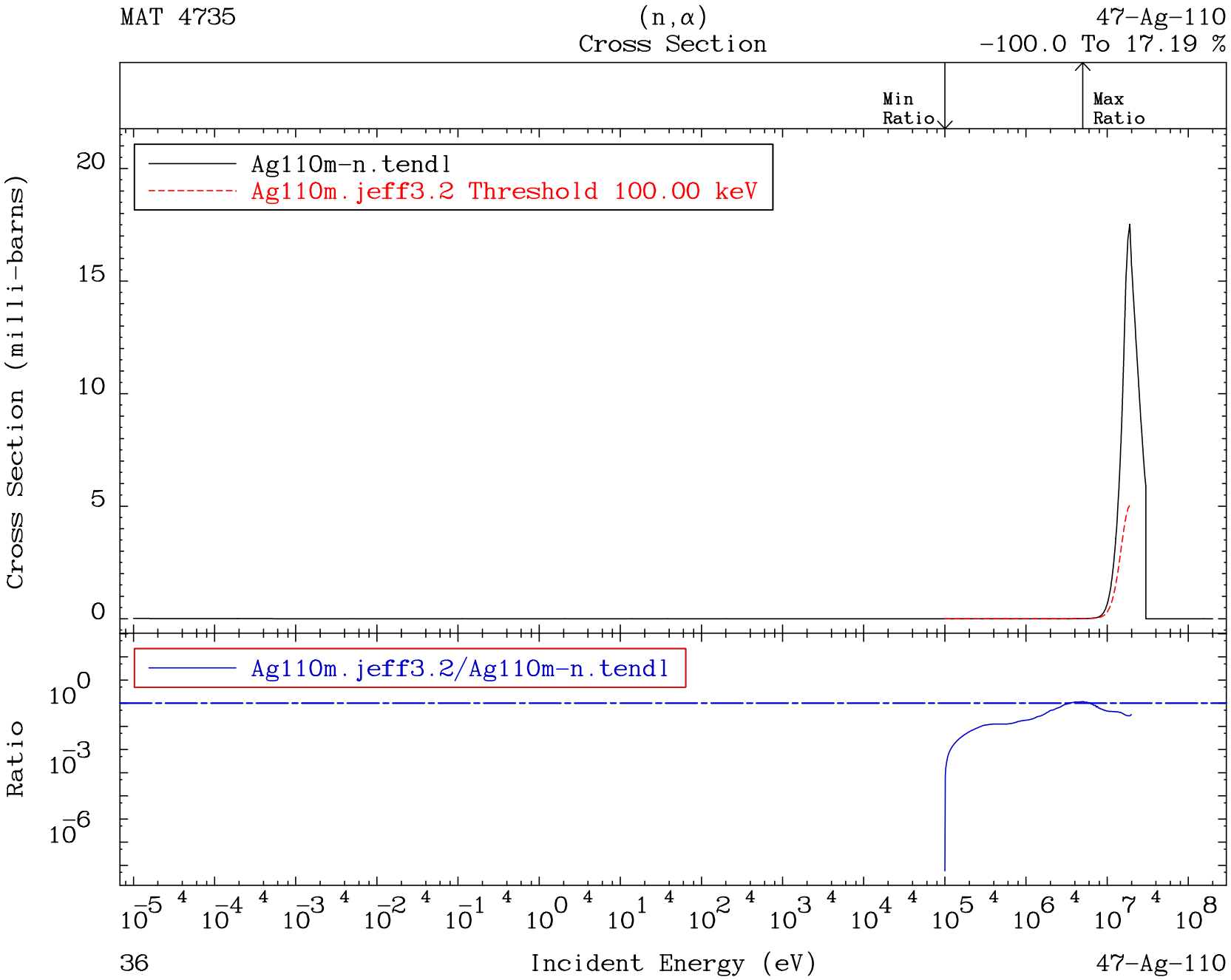

MAT 4735
(n,γ)
Cross Section
47-Ag-110
-99.89 To 918.3 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
31
47-Ag-110

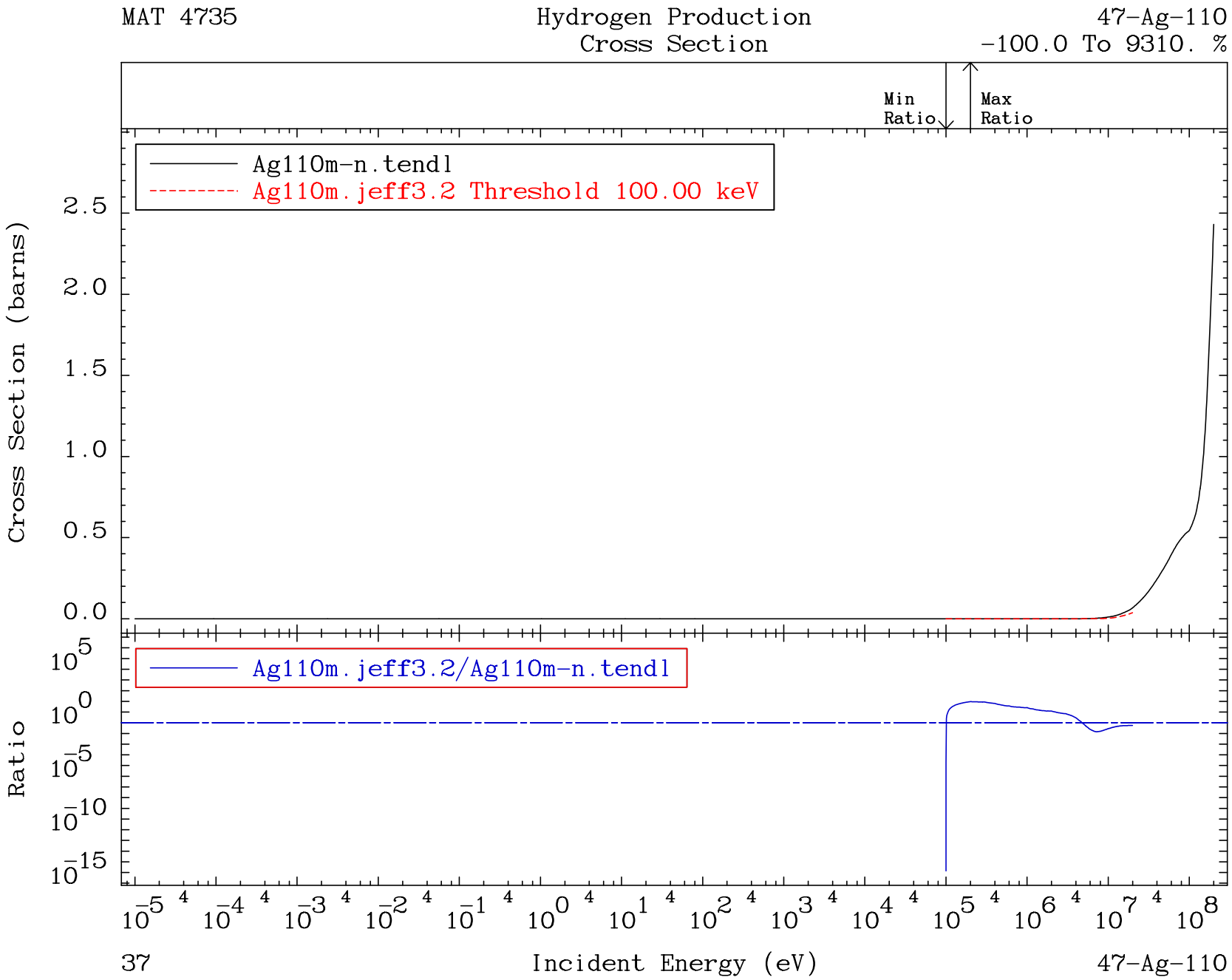

MAT 4735
(n,p)
Cross Section
47-Ag-110
-99.98 To 9310. %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2 Threshold 100.00 keV
Cross Section (milli-barns)
40
30
20
10
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^2
10^0
10^-2
10^-4
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1
10^2
10^3
10^4
10^5
10^6
10^7
10^8
32
Incident Energy (eV)
47-Ag-110

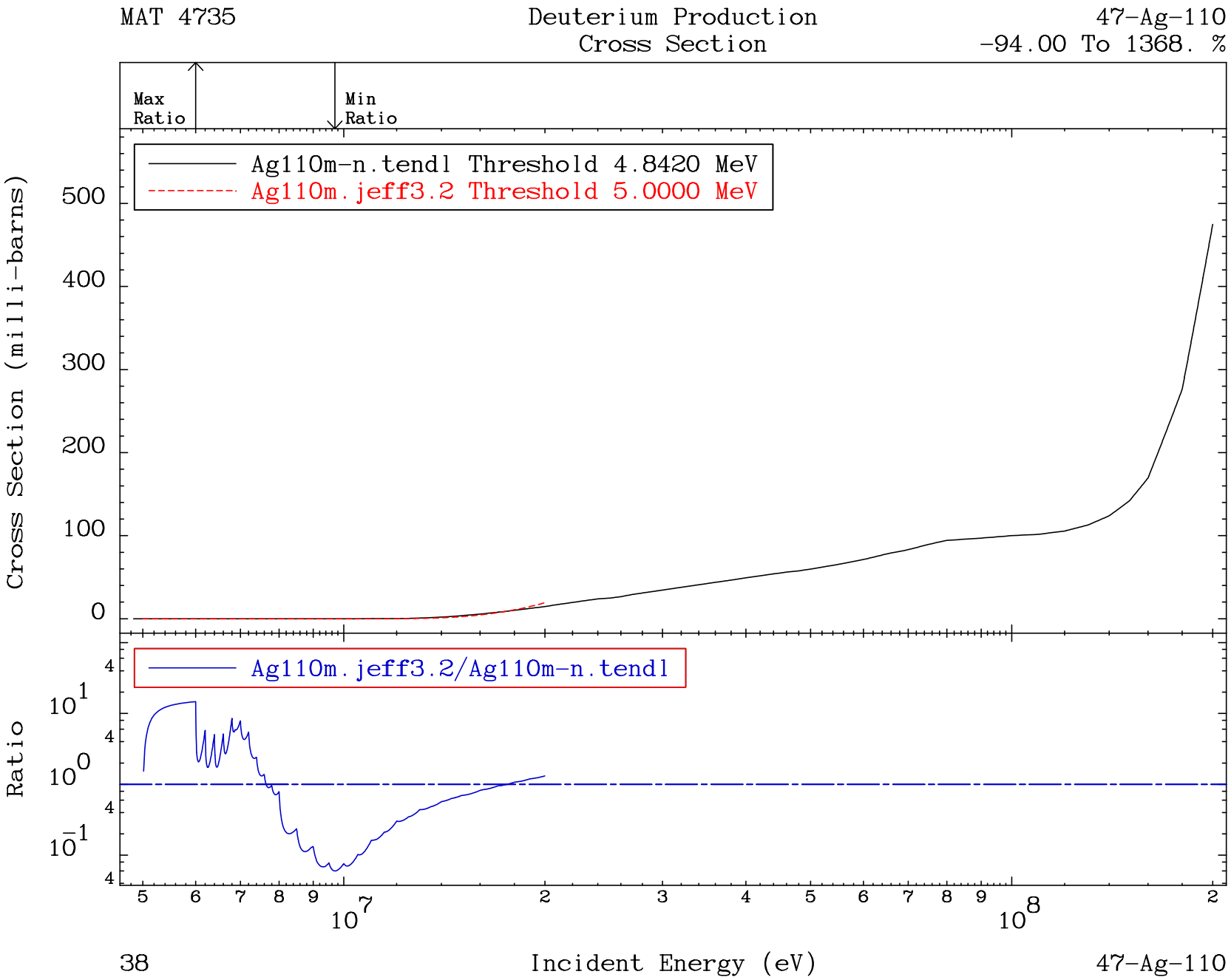

MAT 4735
(n,d)
Cross Section
47-Ag-110
-94.00 To 1368. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 4.8420 MeV
Ag110m.jeff3.2 Threshold 5.0000 MeV
Cross Section (milli-barns)
20
15
10
5
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^1
10^0
10^{-1}
4
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
33
Incident Energy (eV)
47-Ag-110

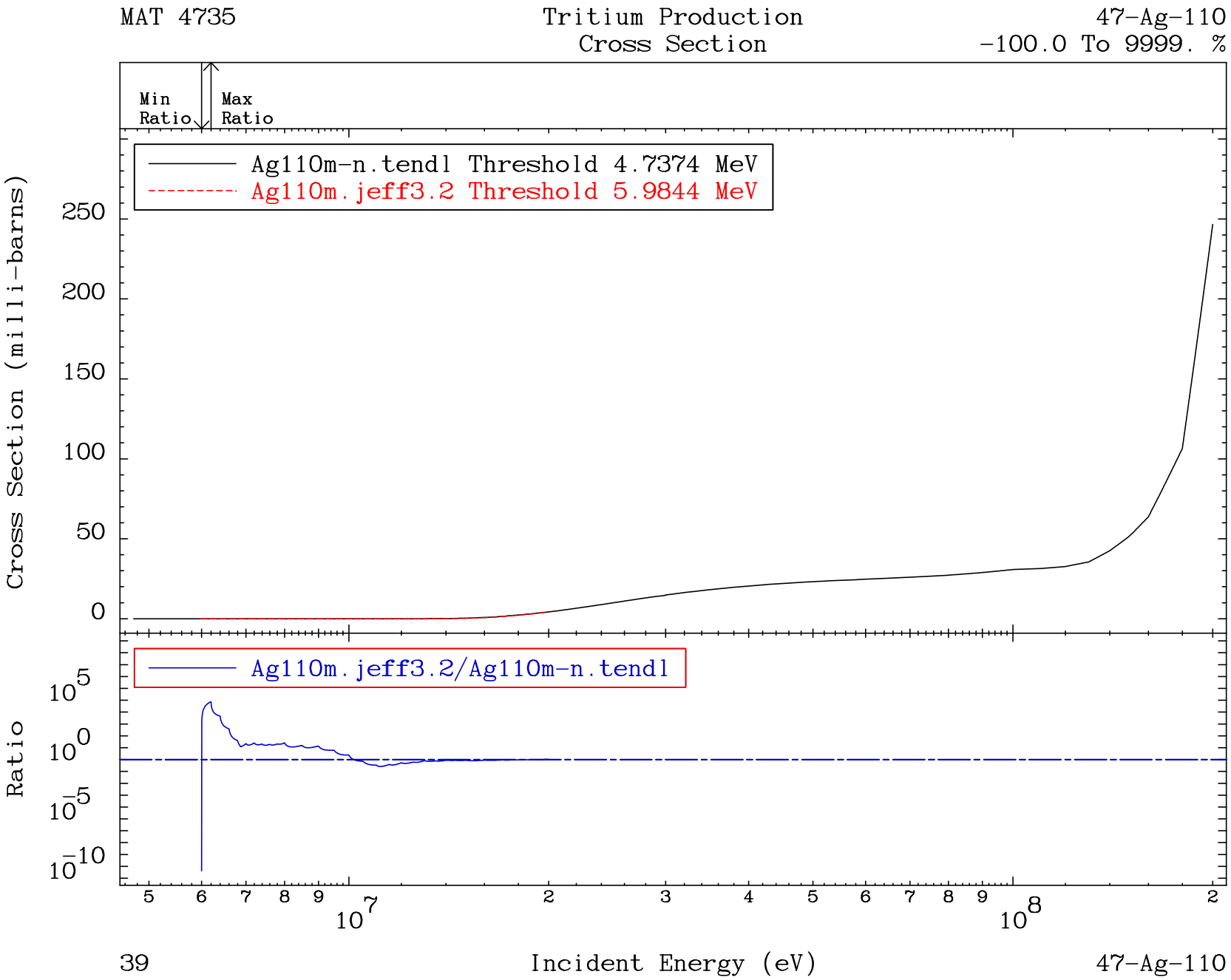

MAT 4735
(n,t)
Cross Section
47-Ag-110
-73.72 To 9999. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 4.7374 MeV
Ag110m.jeff3.2 Threshold 6.0000 MeV
Cross Section (milli-barns)
0
2
4
6
8
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^2
10^4
10^6
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
47-Ag-110

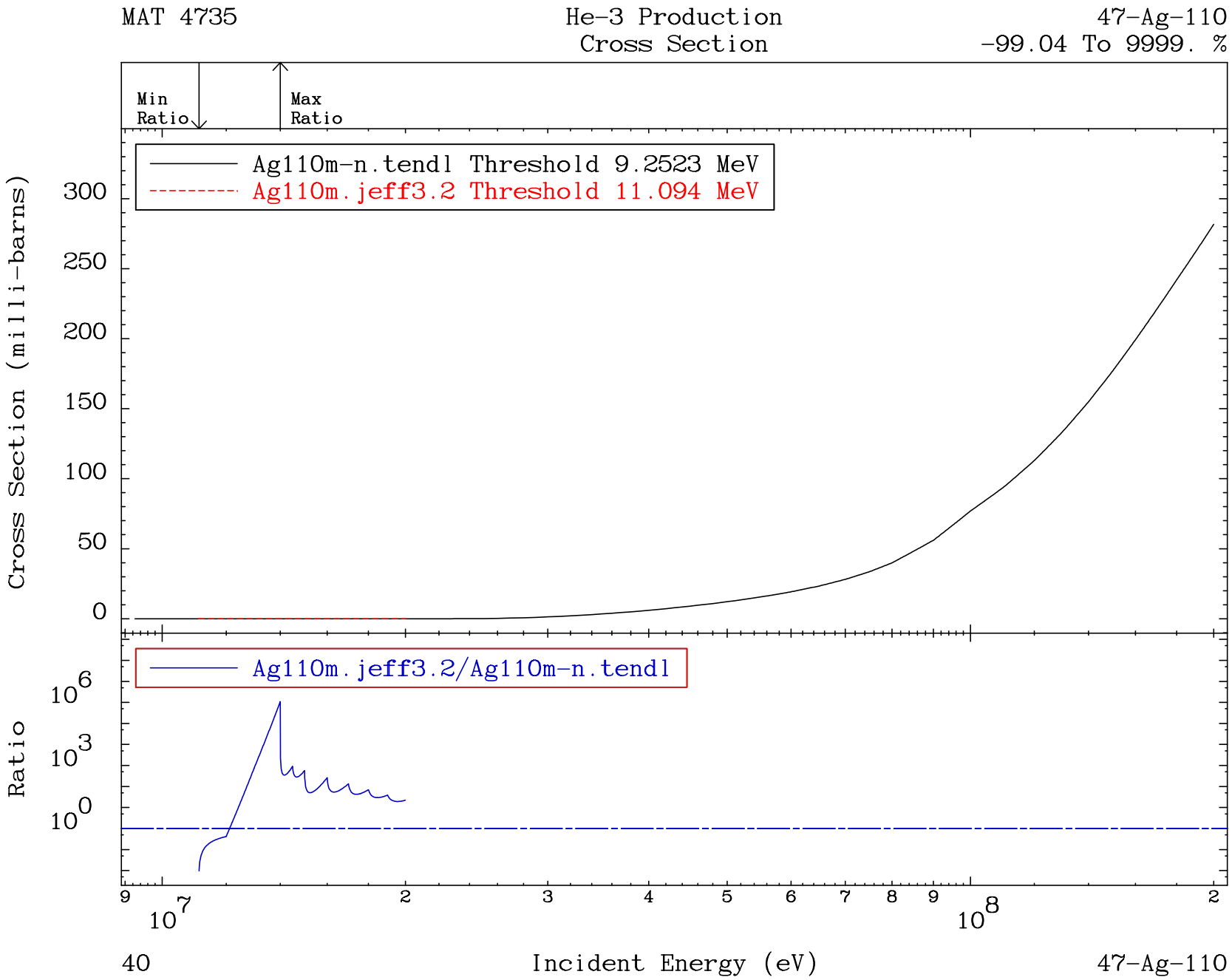

MAT 4735
(n,He-3)
Cross Section
47-Ag-110
-99.04 To 9999. %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 9.2523 MeV
Ag110m.jeff3.2 Threshold 11.094 MeV
Cross Section (milli-barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^6
10^3
10^0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
35
Incident Energy (eV)
47-Ag-110

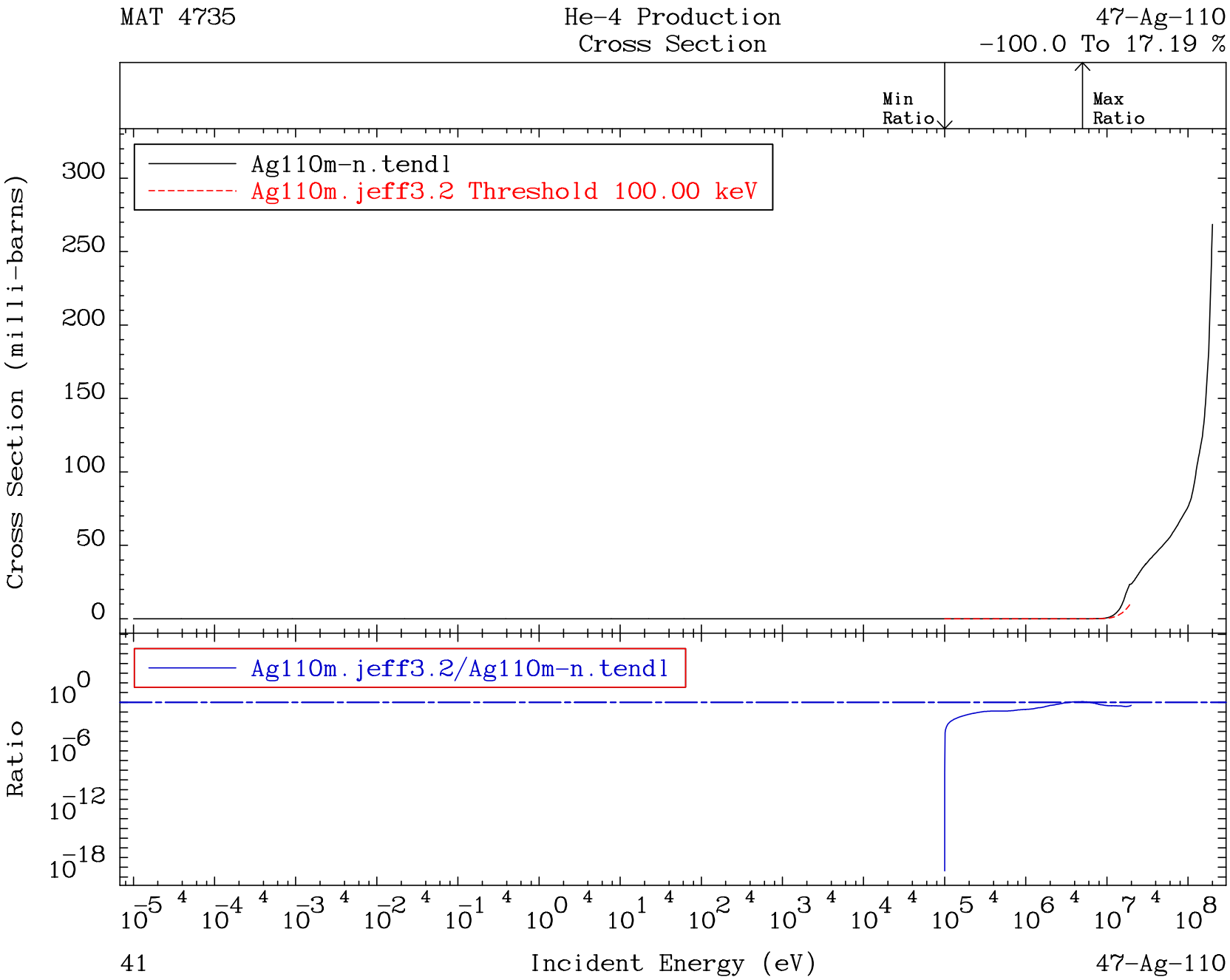

MAT 4735
(n,α)
Cross Section
47-Ag-110
-100.0 To 17.19 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2 Threshold 100.00 keV
Cross Section (milli-barns)
20
15
10
5
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-3
10^-6
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
36
Incident Energy (eV)
47-Ag-110

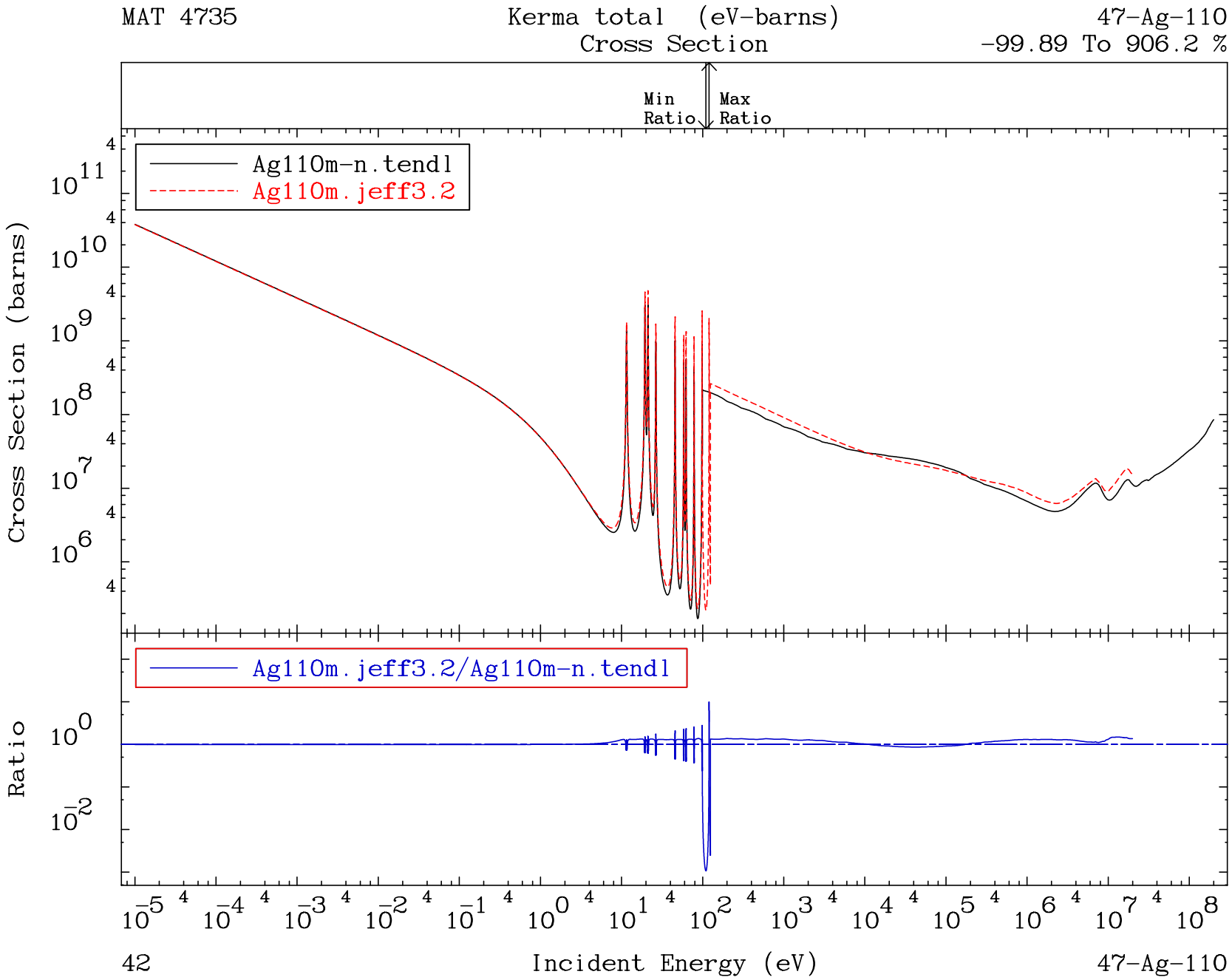

MAT 4735
Hydrogen Production
Cross Section
47-Ag-110
-100.0 To 9310. %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2 Threshold 100.00 keV
Cross Section (barns)
2.5
2.0
1.5
1.0
0.5
0.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^5
10^0
10^-5
10^-10
10^-15
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
37
Incident Energy (eV)
47-Ag-110

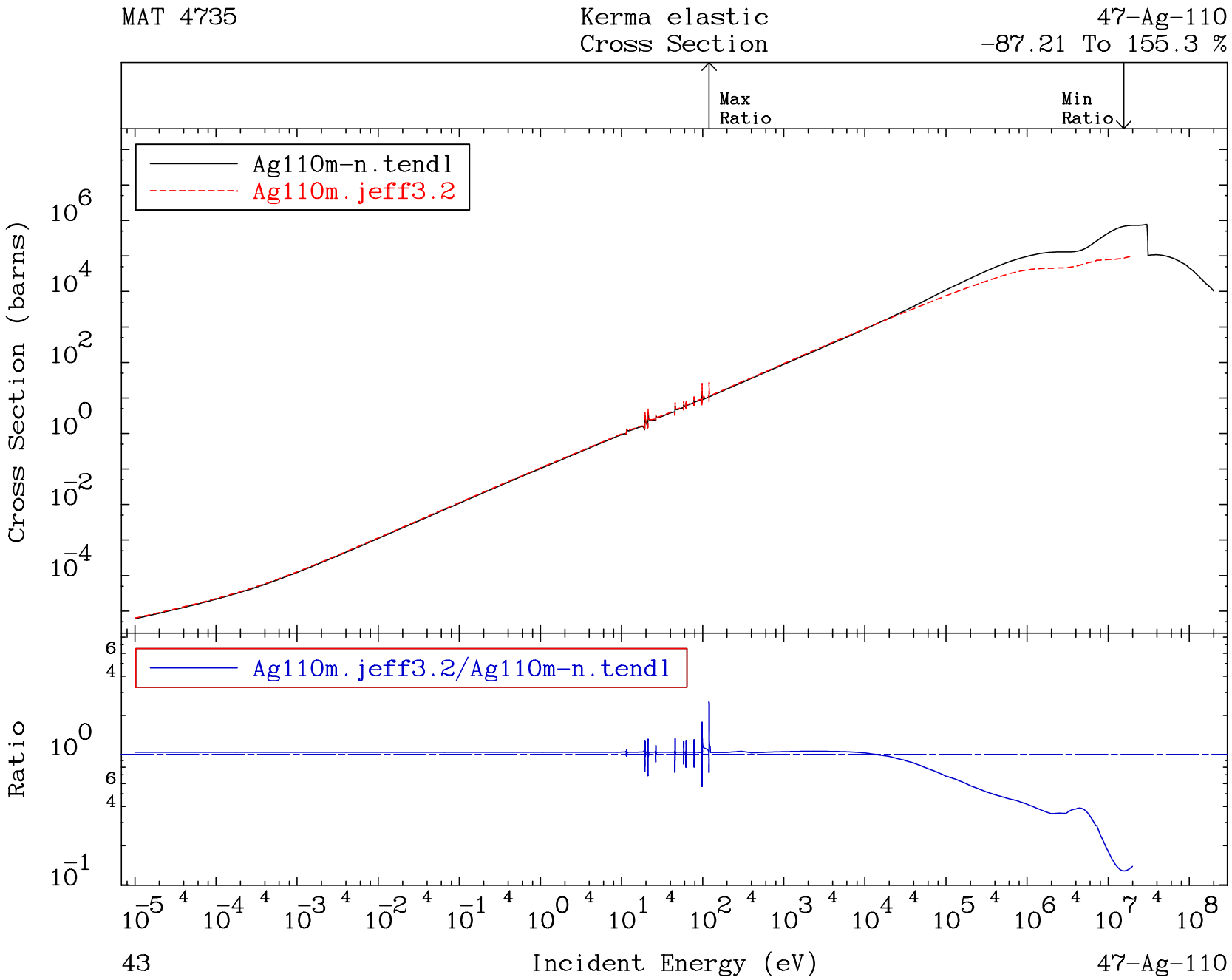

MAT 4735
Deuterium Production
Cross Section
47-Ag-110
-94.00 To 1368. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 4.8420 MeV
Ag110m.jeff3.2 Threshold 5.0000 MeV
Cross Section (milli-barns)
500
400
300
200
100
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^1
10^0
10^-1
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
38
Incident Energy (eV)
47-Ag-110

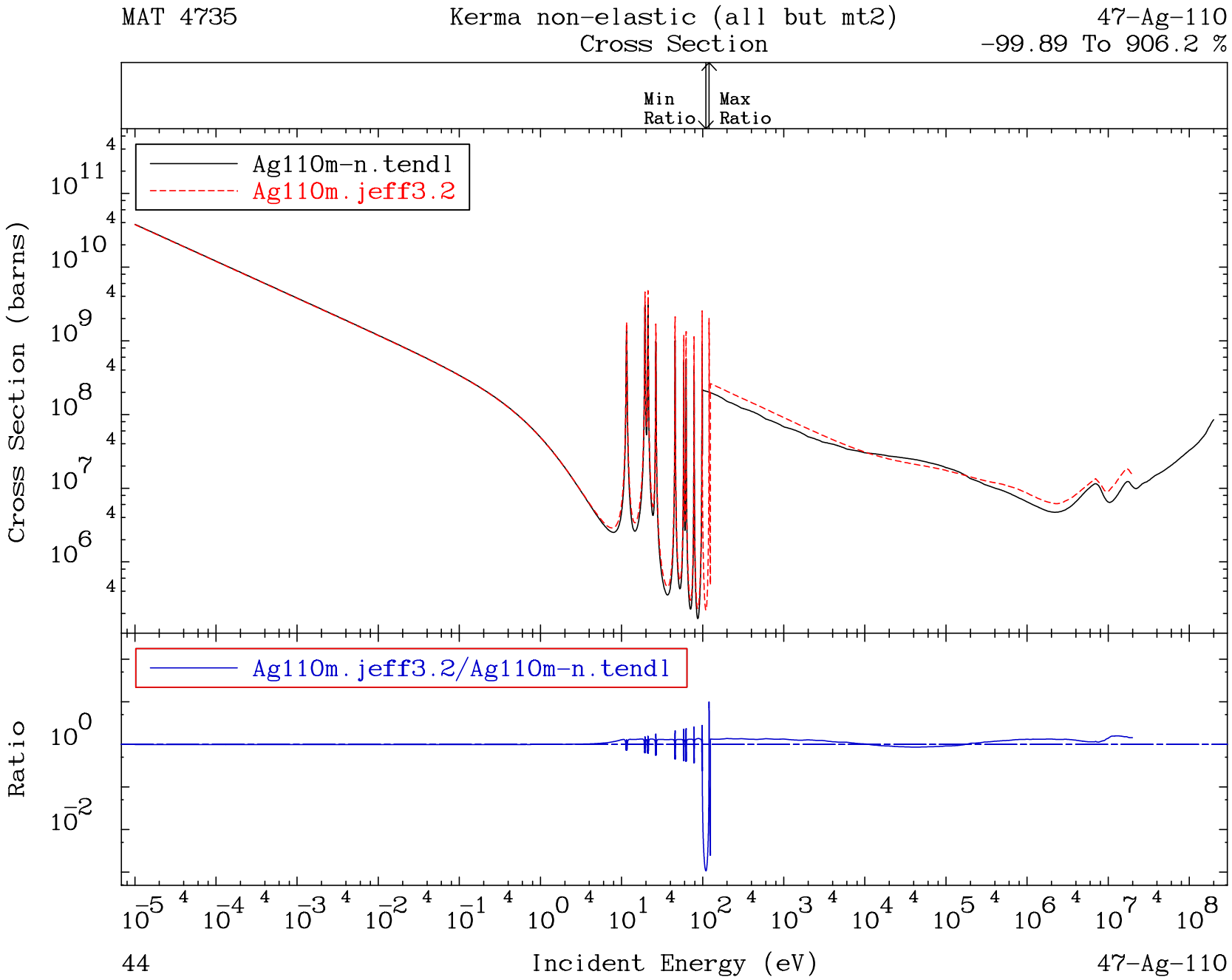

MAT 4735
Tritium Production
Cross Section
47-Ag-110
-100.0 To 9999. %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 4.7374 MeV
Ag110m.jeff3.2 Threshold 5.9844 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^5
10^0
10^-5
10^-10
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
39
Incident Energy (eV)
47-Ag-110

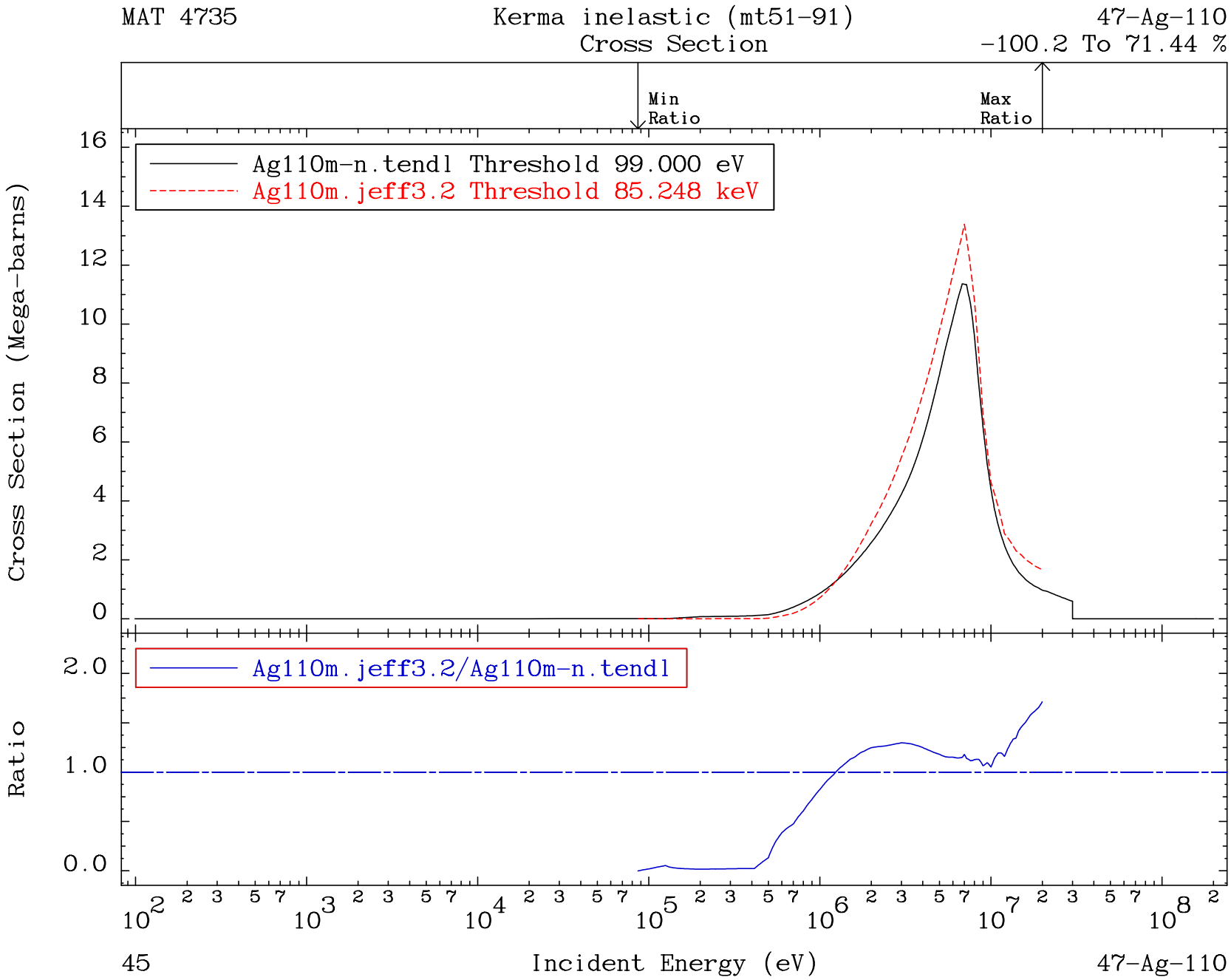

MAT 4735
He-3 Production
Cross Section
47-Ag-110
-99.04 To 9999. %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 9.2523 MeV
Ag110m.jeff3.2 Threshold 11.094 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^6
10^3
10^0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
40
Incident Energy (eV)
47-Ag-110

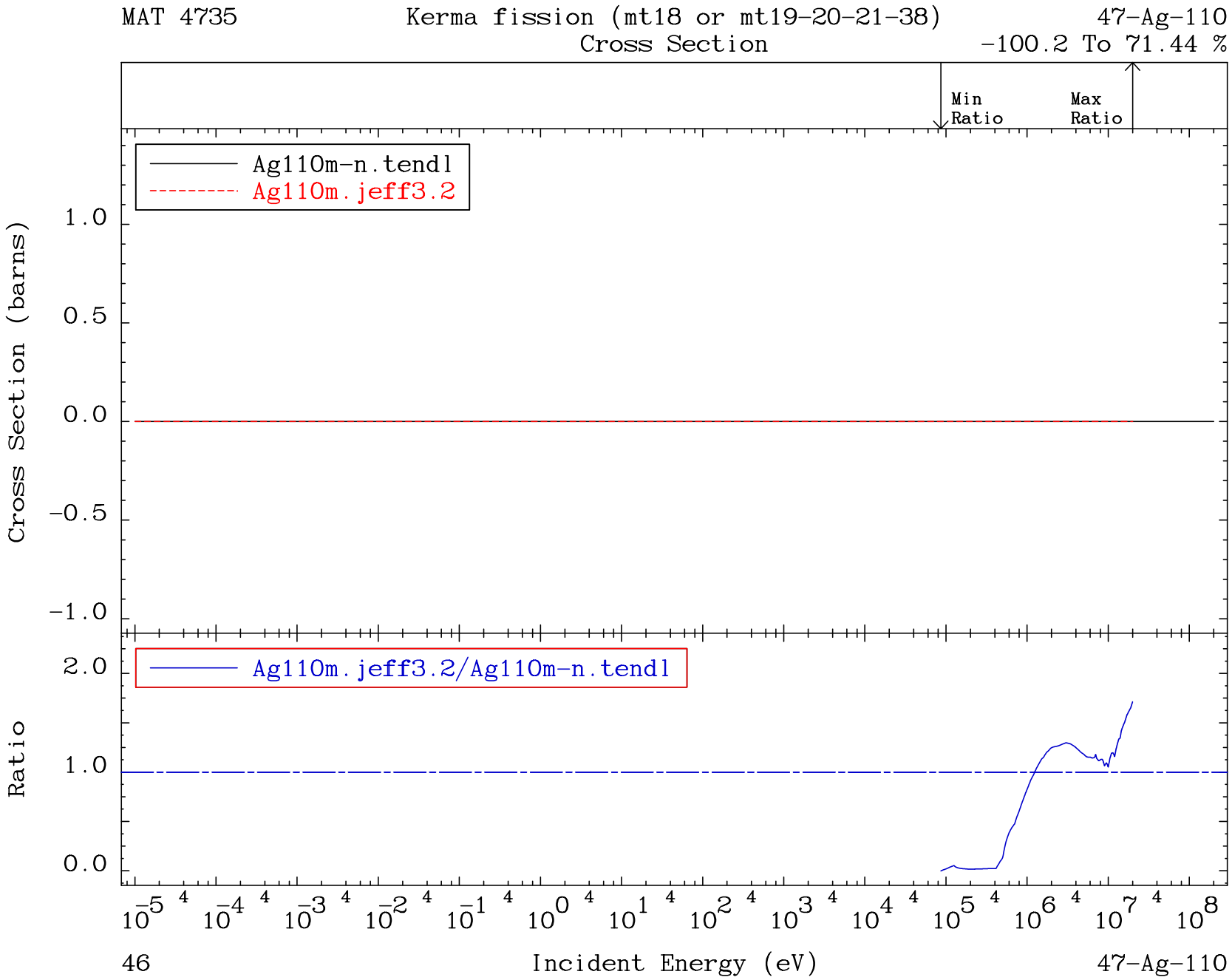

MAT 4735
He-4 Production
Cross Section
47-Ag-110
-100.0 To 17.19 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2 Threshold 100.00 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-6
10^-12
10^-18
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
41
Incident Energy (eV)
47-Ag-110

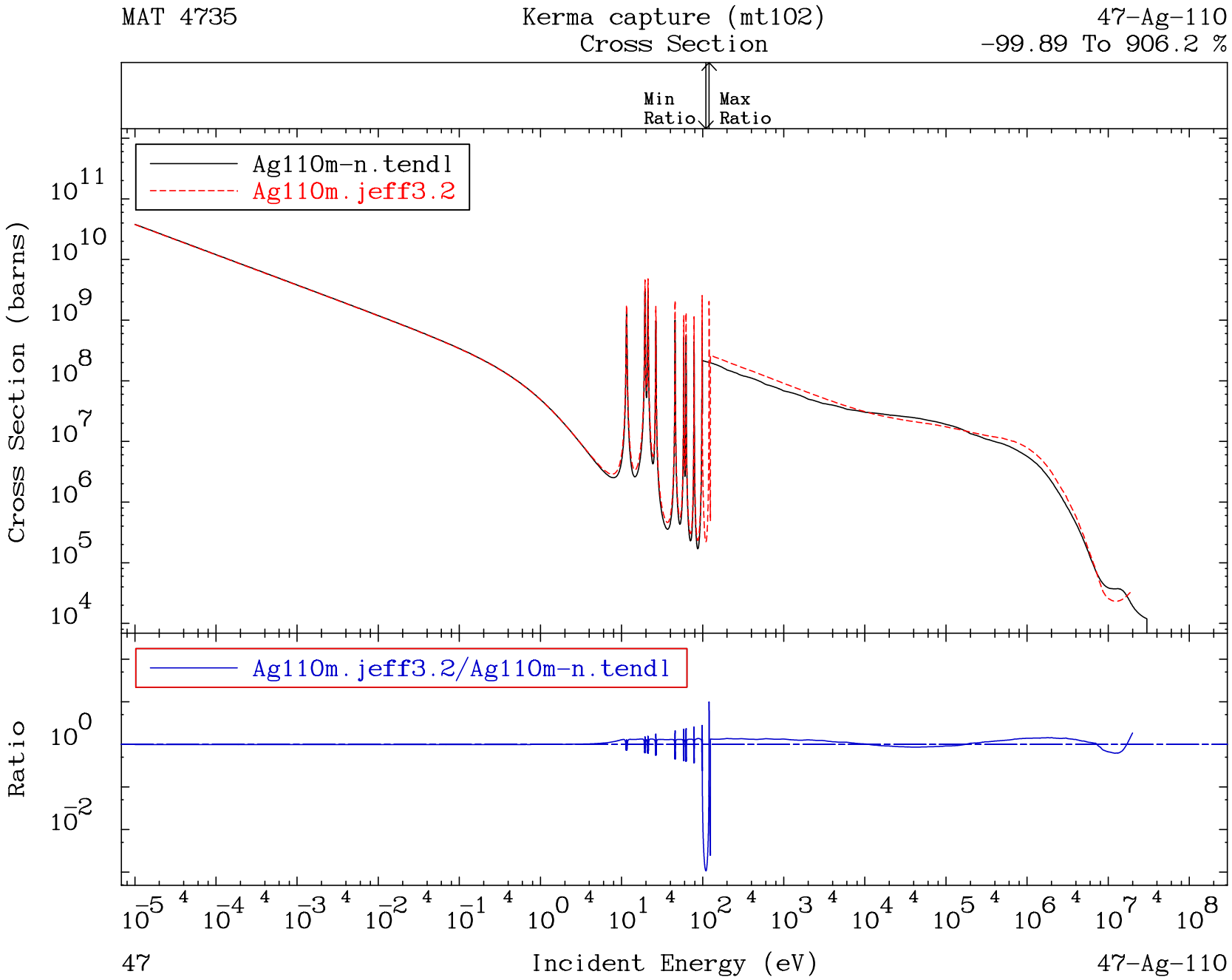

MAT 4735
Kerma total (eV-barns)
Cross Section
47-Ag-110
-99.89 To 906.2 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
42
47-Ag-110

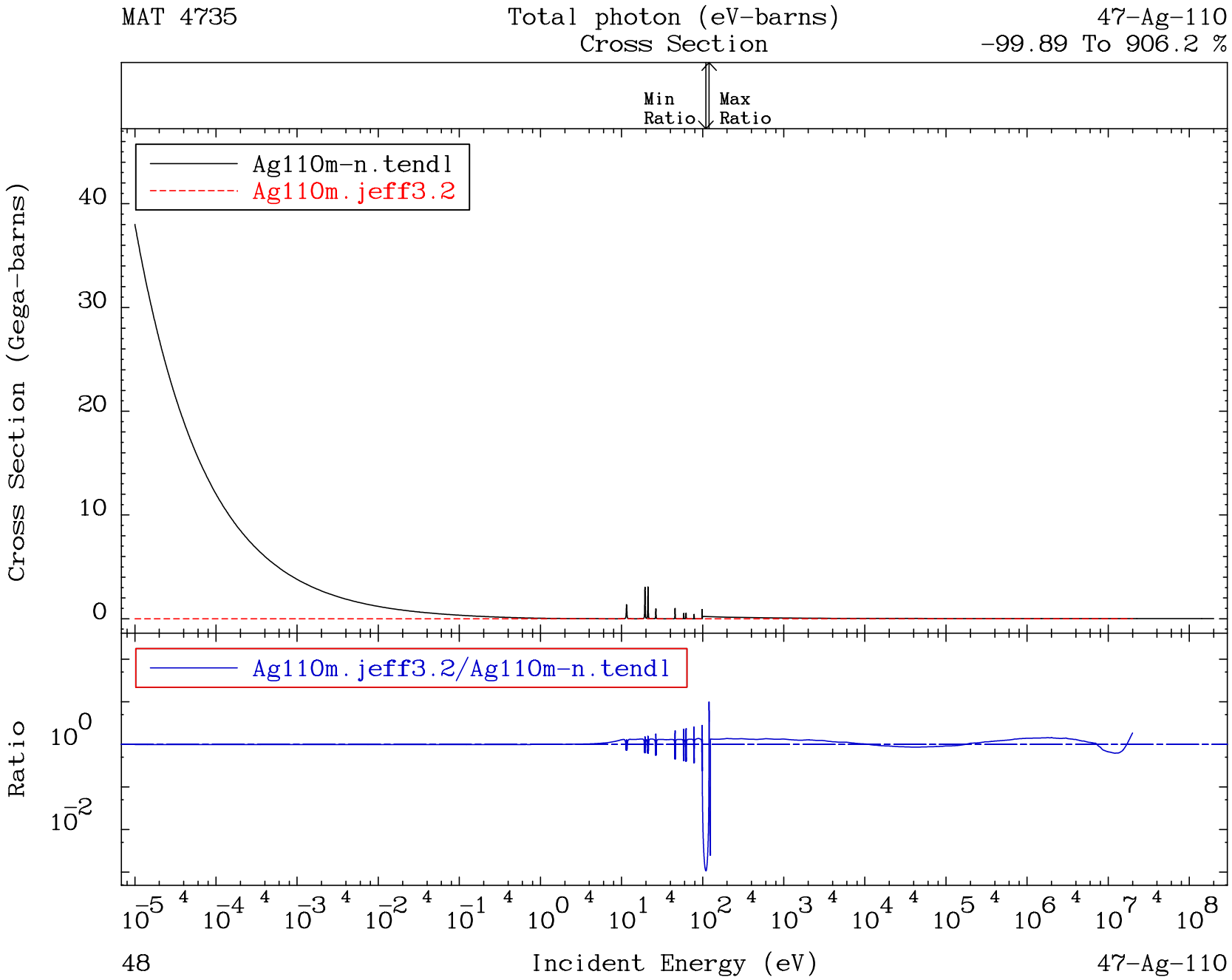

MAT 4735
Kerma elastic
Cross Section
47-Ag-110
-87.21 To 155.3 %
Max
Ratio
Min
Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
43
47-Ag-110

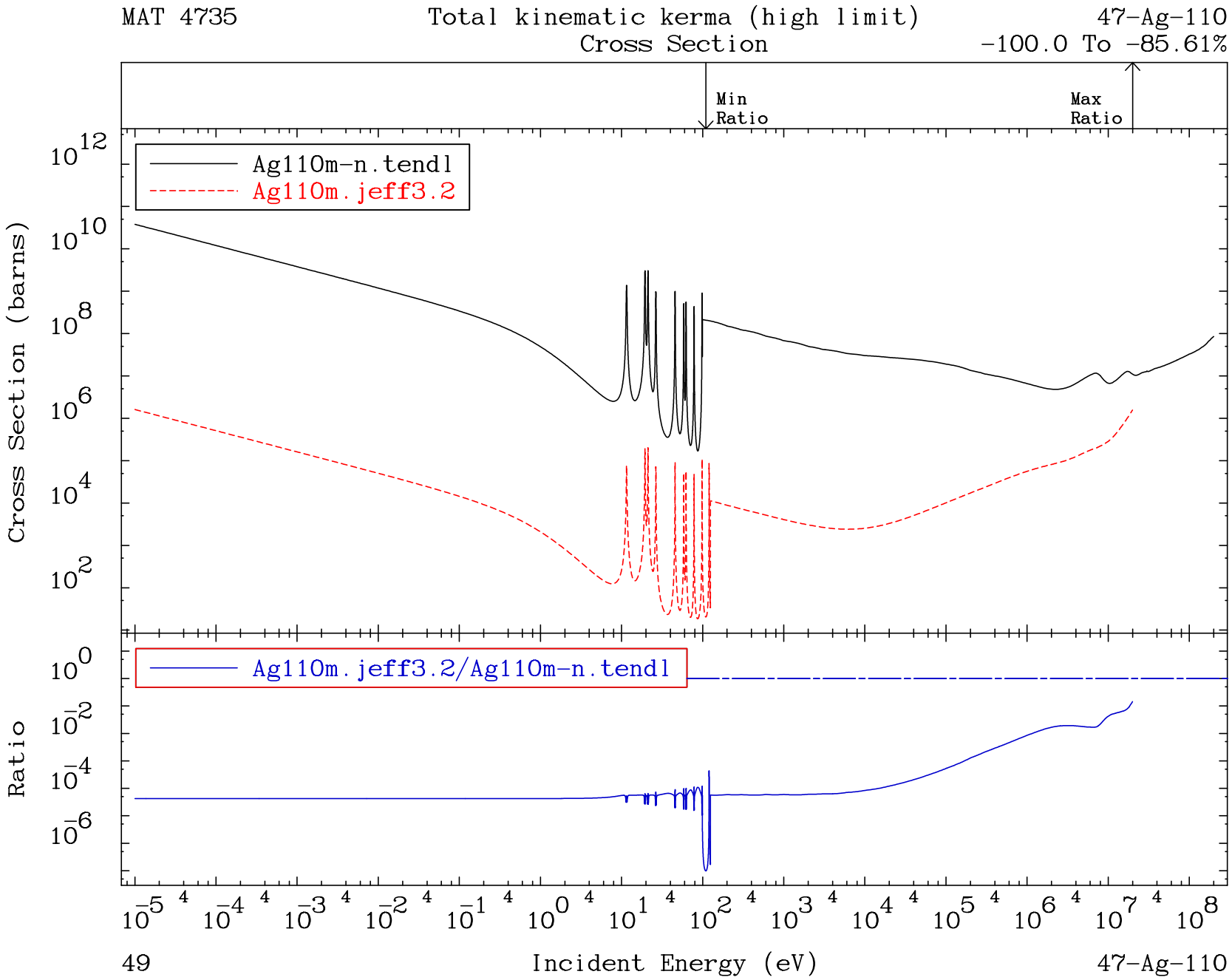

MAT 4735
Kerma non-elastic (all but mt2)
Cross Section
47-Ag-110
-99.89 To 906.2 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
44
47-Ag-110

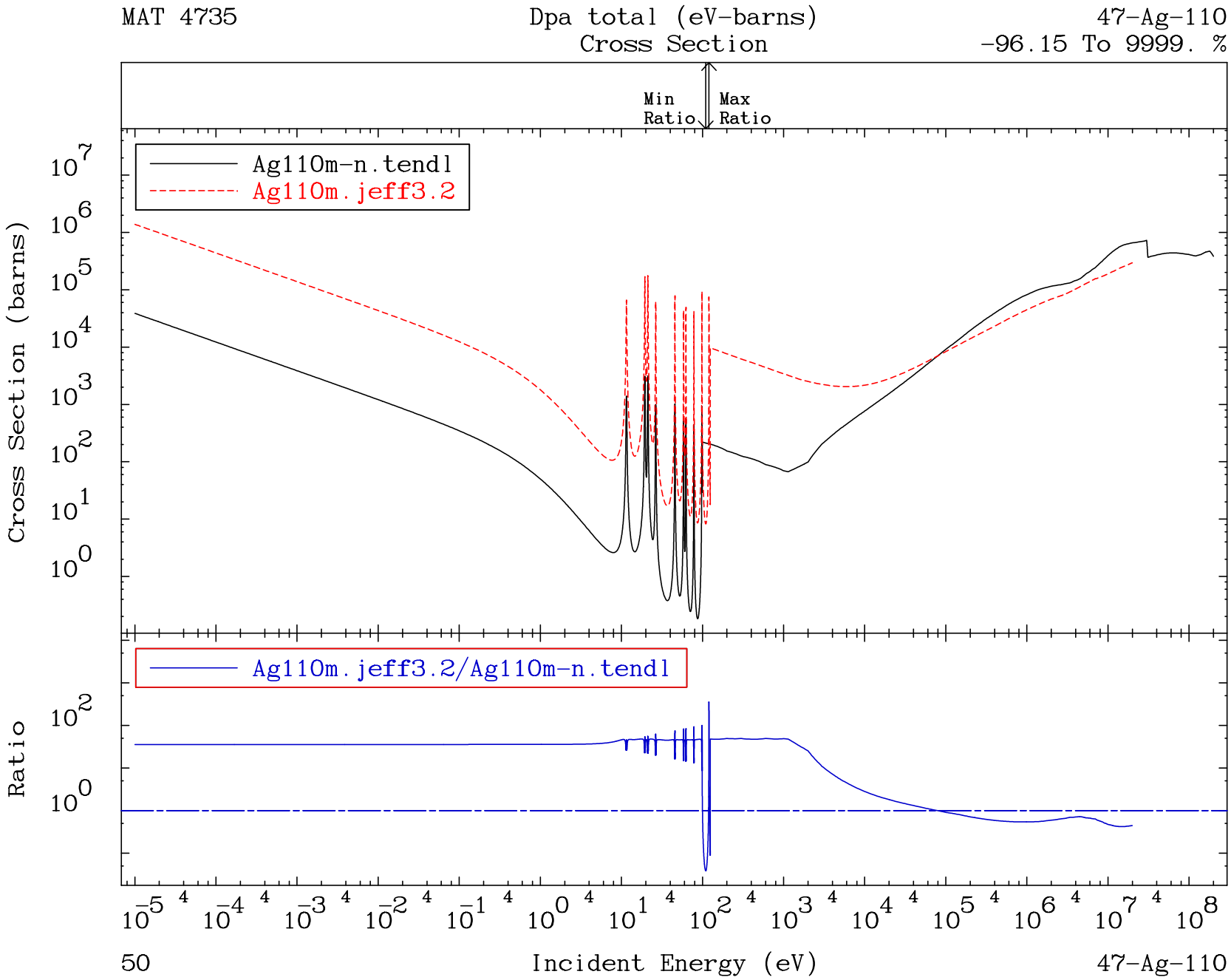

MAT 4735
Kerma inelastic (mt51-91)
Cross Section
47-Ag-110
-100.2 To 71.44 %
Min Ratio
Max Ratio
Ag110m-n.tendl Threshold 99.000 eV
Ag110m.jeff3.2 Threshold 85.248 keV
Cross Section (Mega-barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
45
47-Ag-110

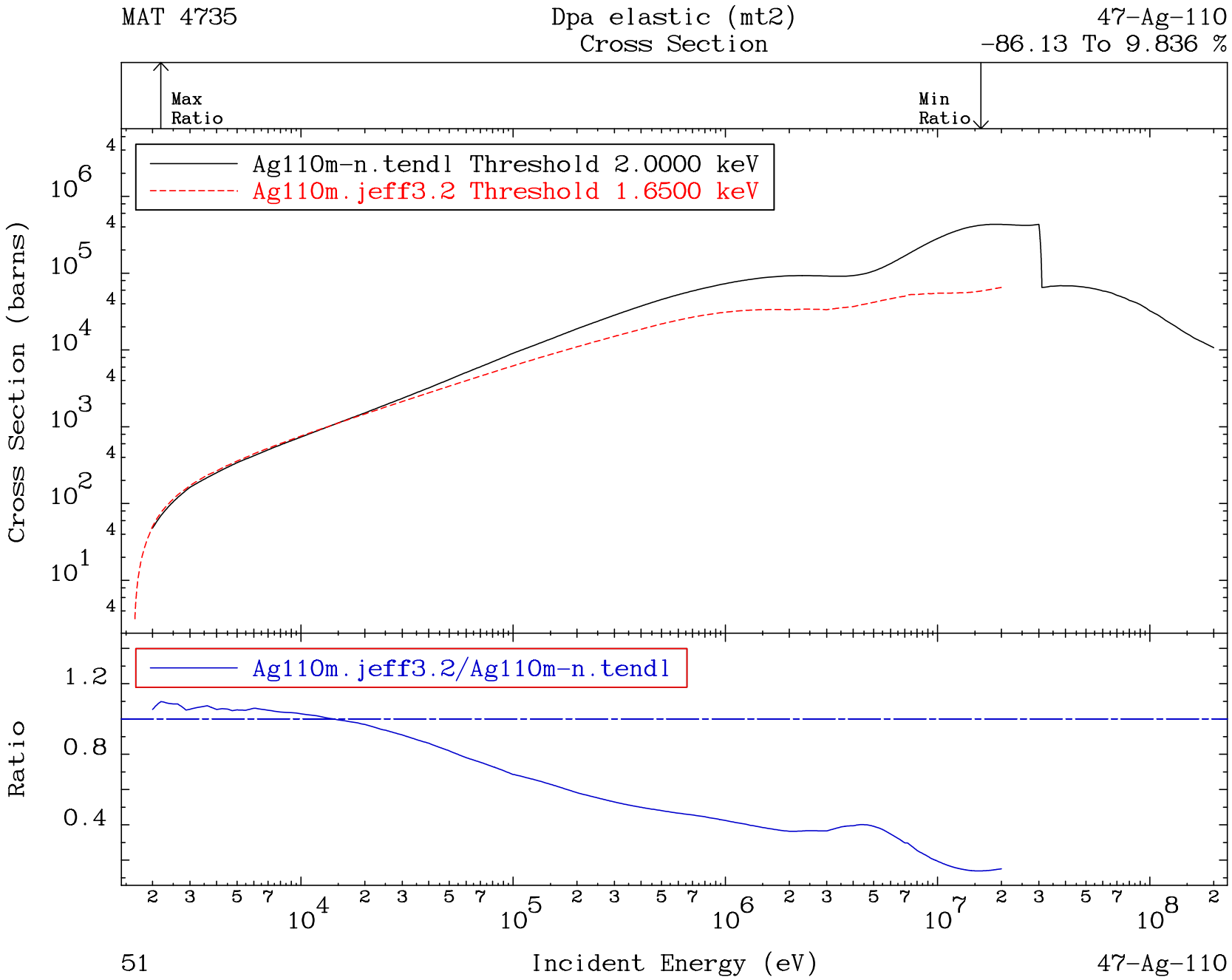

MAT 4735
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
47-Ag-110
-100.2 To 71.44 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
2.0
1.0
0.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
46
Incident Energy (eV)
47-Ag-110

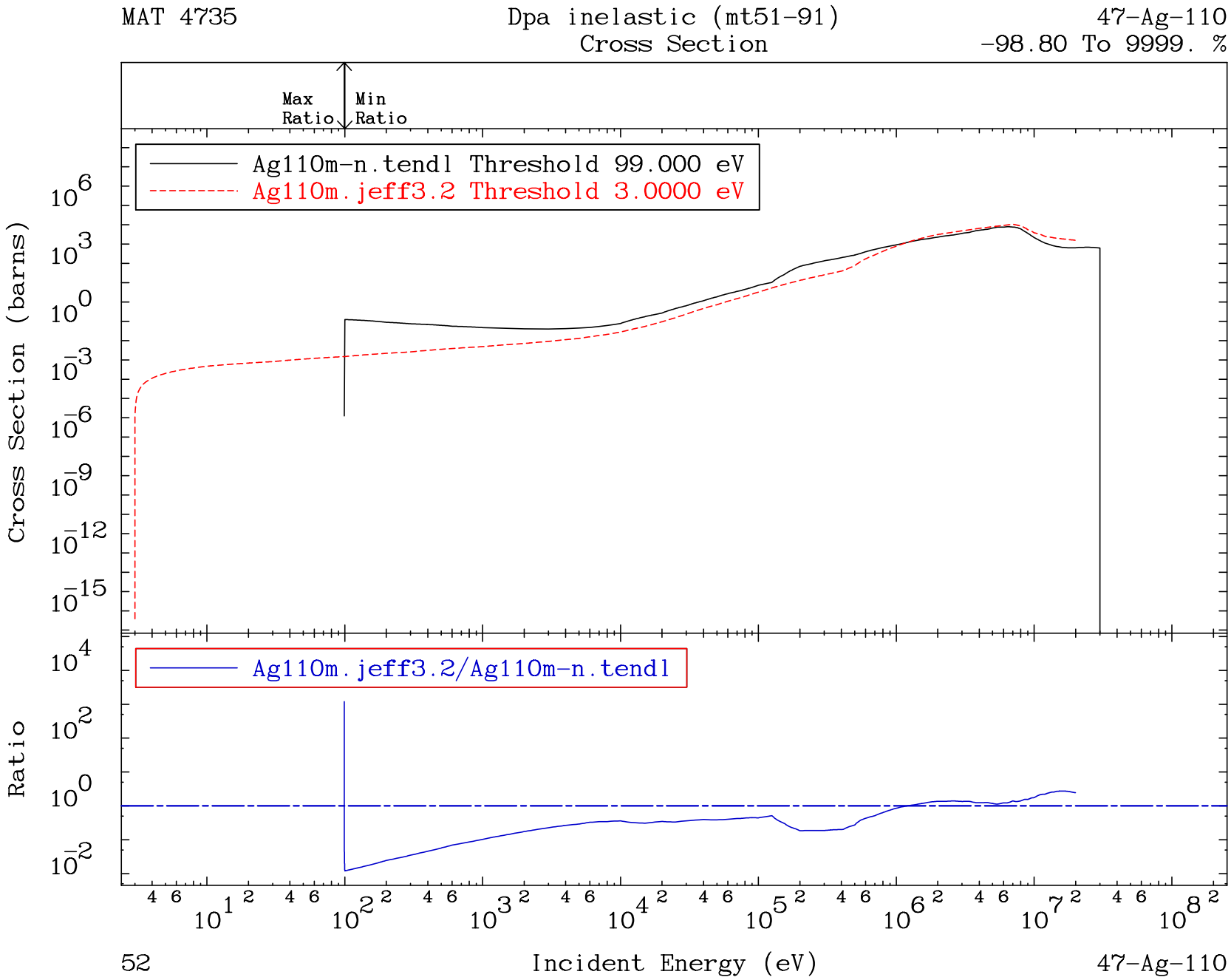

MAT 4735
Kerma capture (mt102)
Cross Section
47-Ag-110
-99.89 To 906.2 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
47
47-Ag-110

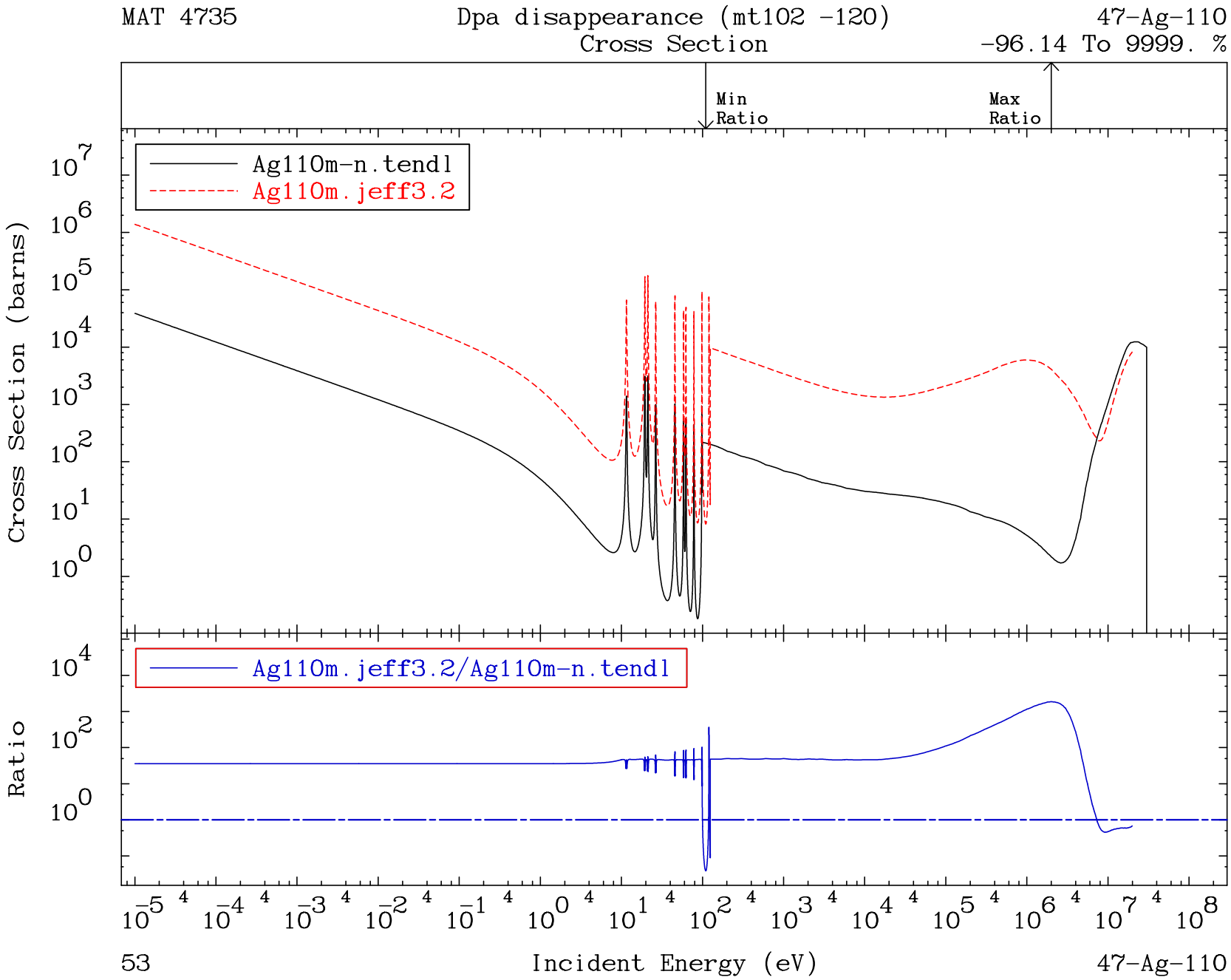

MAT 4735
Total photon (eV-barns)
Cross Section
47-Ag-110
-99.89 To 906.2 %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (Giga-barns)
40
30
20
10
0
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
10^0
10^-2
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
48
Incident Energy (eV)
47-Ag-110


MAT 4735
Total kinematic kerma (high limit)
Cross Section
47-Ag-110
-100.0 To -85.61%
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Ag110m.jeff3.2/Ag110m-n.tendl
Cross Section (barns)
Ratio
Incident Energy (eV)
49
47-Ag-110


MAT 4735
Dpa total (eV-barns)
Cross Section
47-Ag-110
-96.15 To 9999. %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
50
47-Ag-110


MAT 4735
Dpa elastic (mt2)
Cross Section
47-Ag-110
-86.13 To 9.836 %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 2.0000 keV
Ag110m.jeff3.2 Threshold 1.6500 keV
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
51
47-Ag-110


MAT 4735
Dpa inelastic (mt51-91)
Cross Section
47-Ag-110
-98.80 To 9999. %
Max Ratio
Min Ratio
Ag110m-n.tendl Threshold 99.000 eV
Ag110m.jeff3.2 Threshold 3.0000 eV
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
52
47-Ag-110


MAT 4735
Dpa disappearance (mt102 -120)
Cross Section
47-Ag-110
-96.14 To 9999. %
Min Ratio
Max Ratio
Ag110m-n.tendl
Ag110m.jeff3.2
Cross Section (barns)
Ag110m.jeff3.2/Ag110m-n.tendl
Ratio
Incident Energy (eV)
53
47-Ag-110