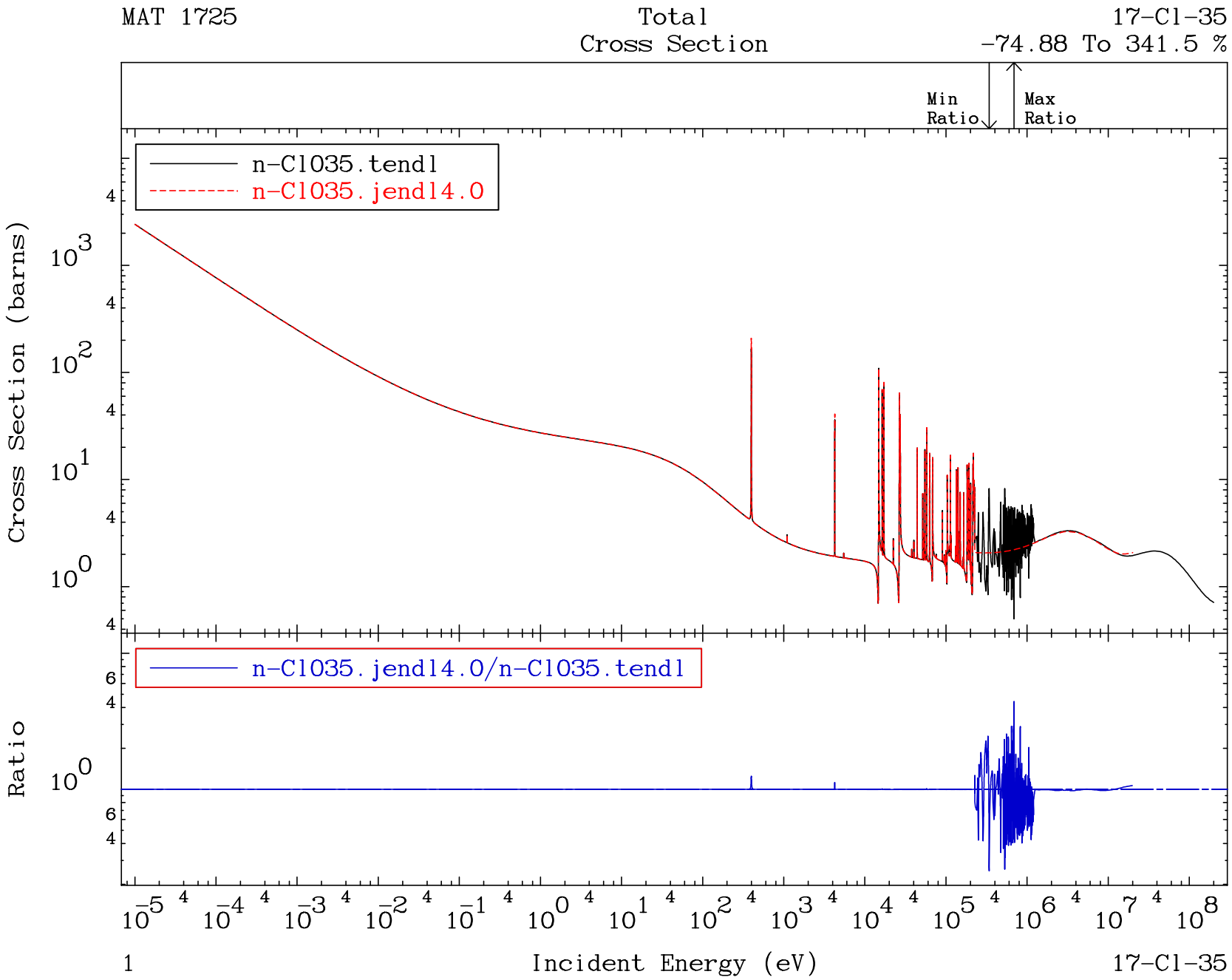
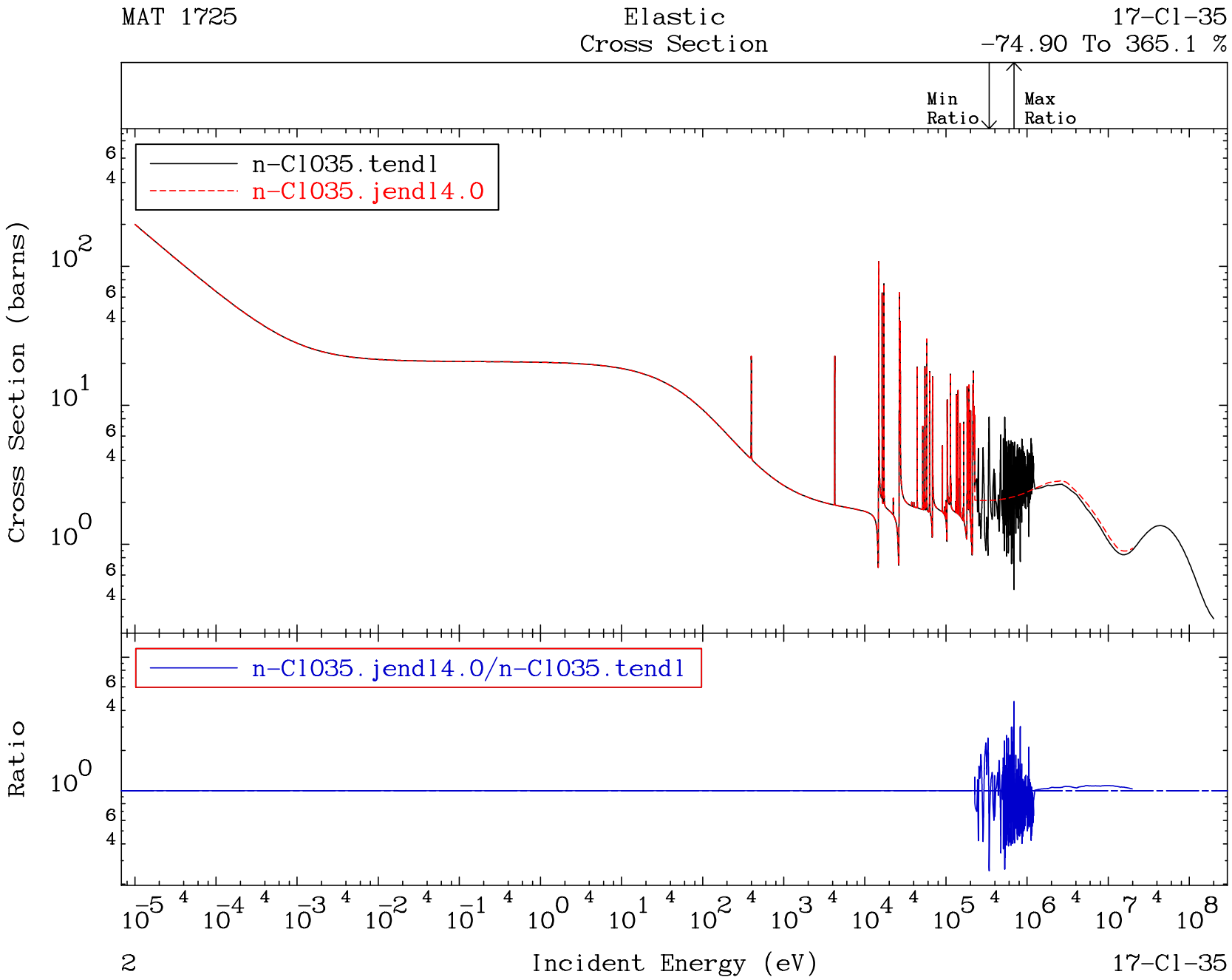
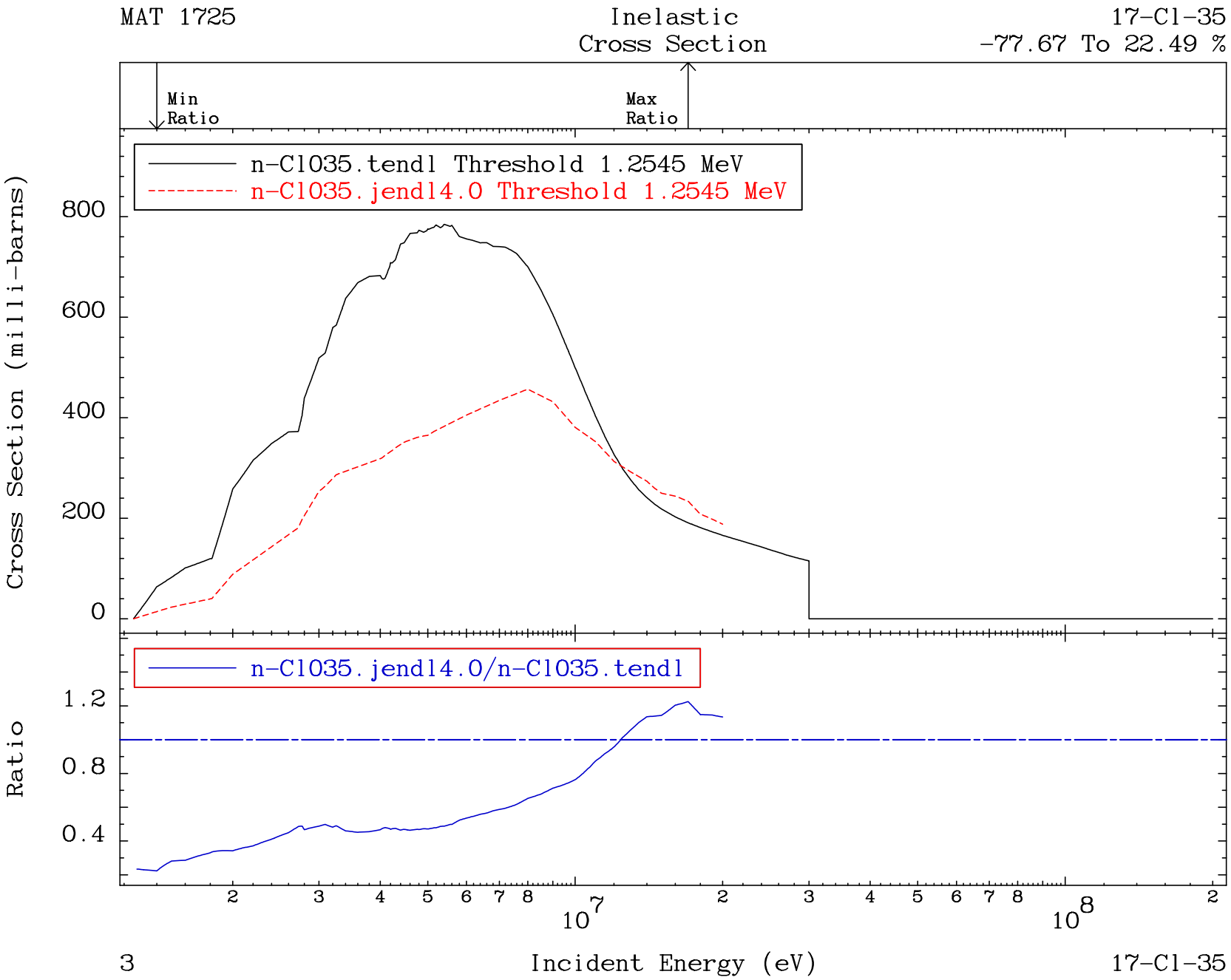
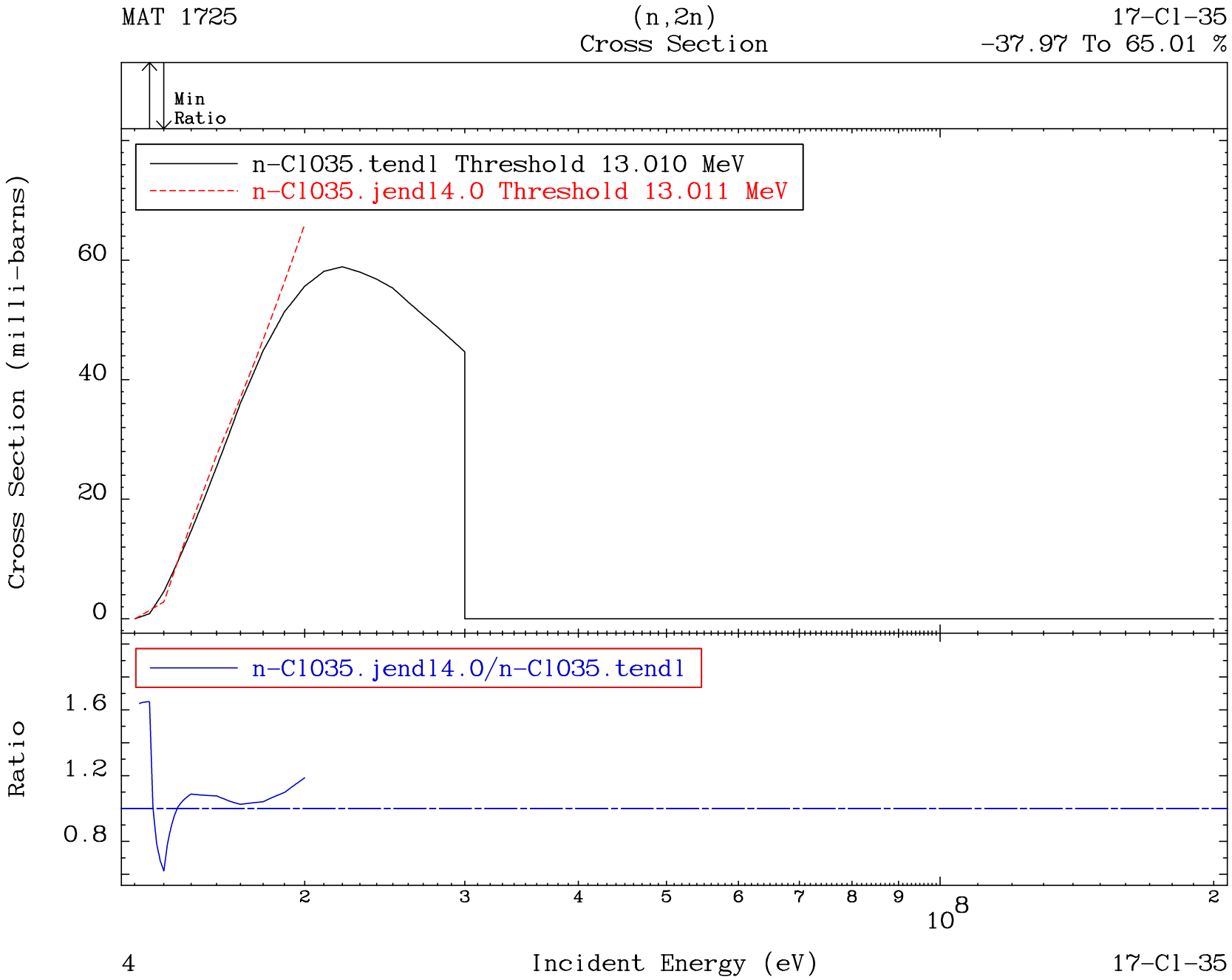
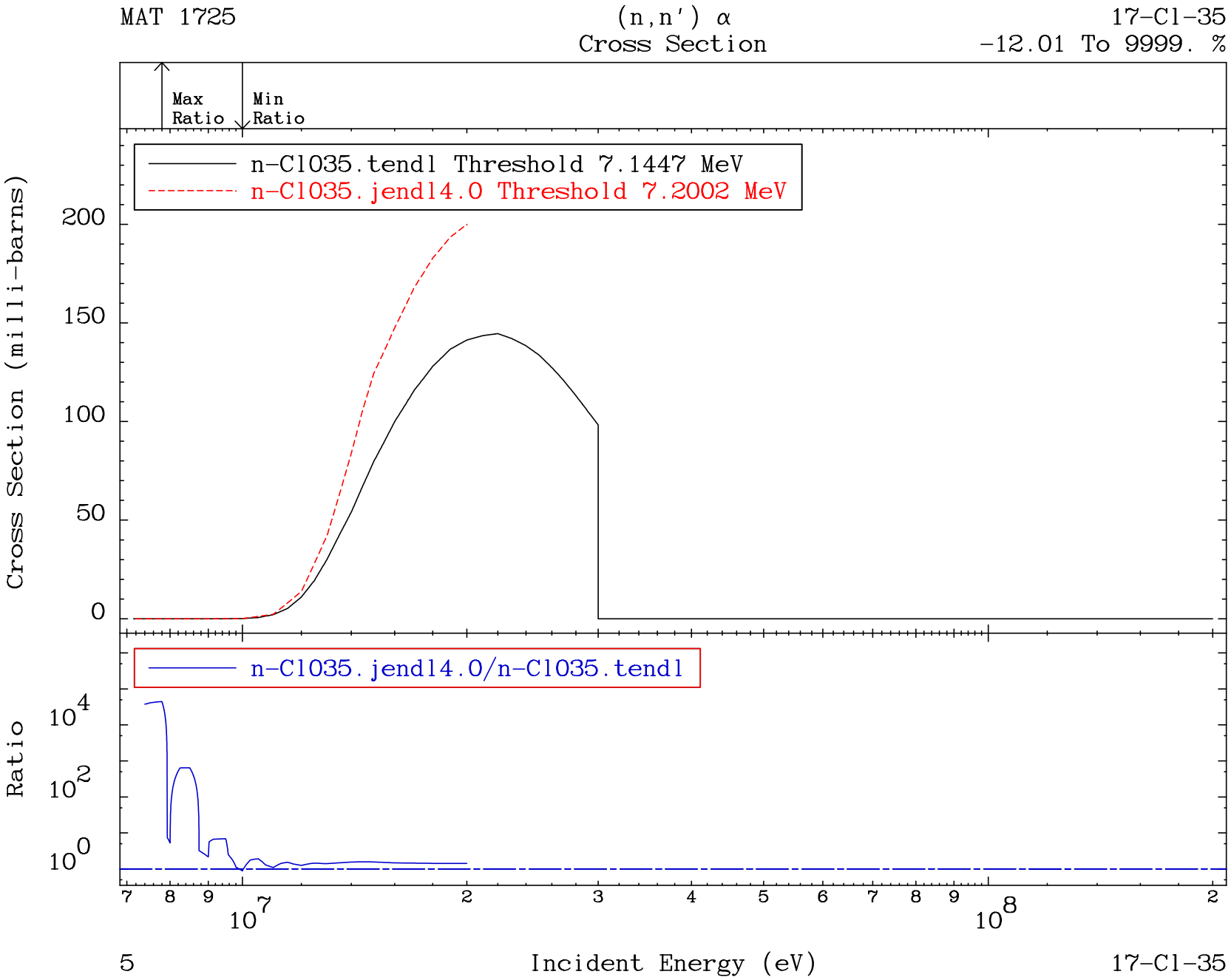
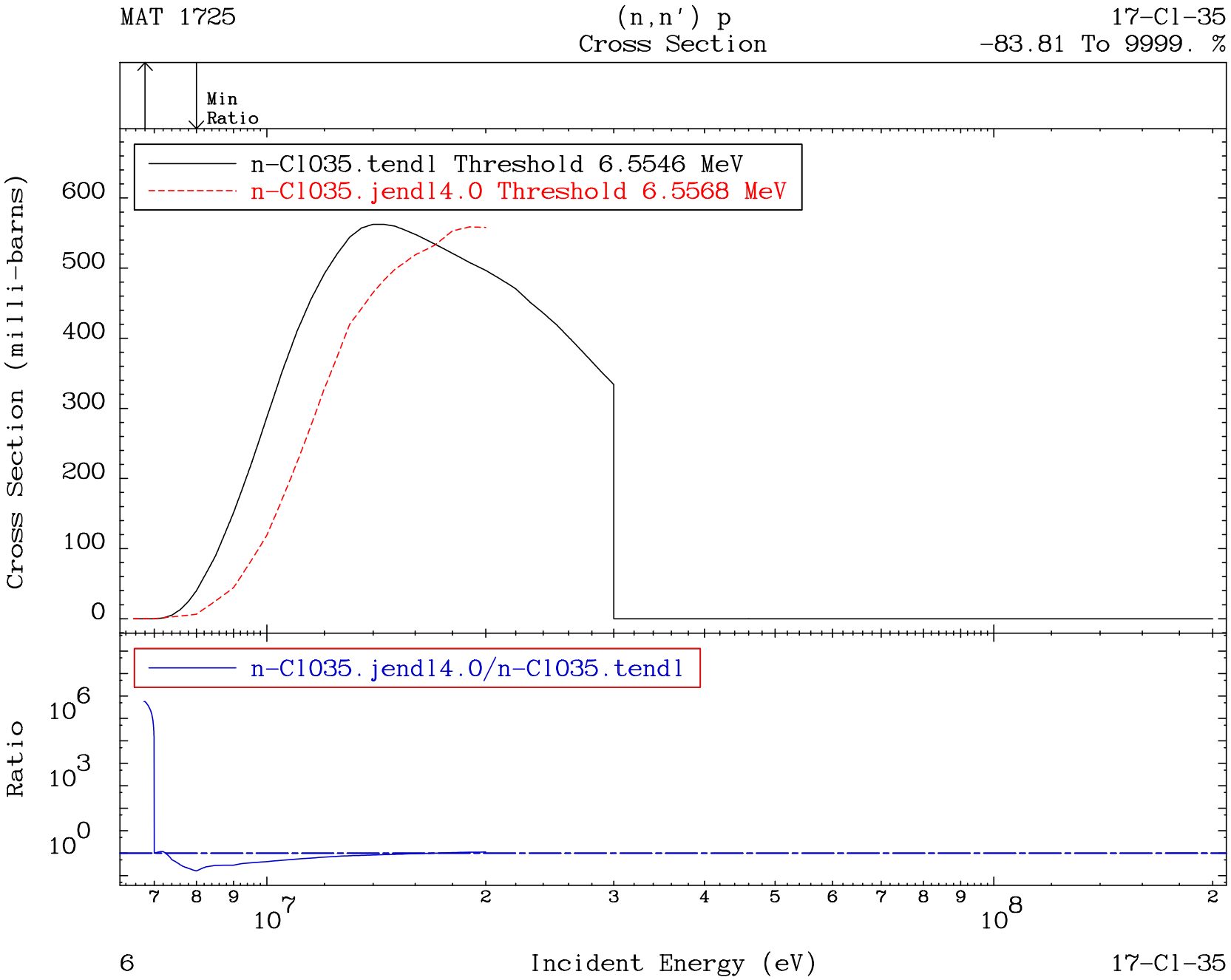

MAT 1725
Total
Cross Section
17-Cl-35
-74.88 To 341.5 %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
1
17-Cl-35

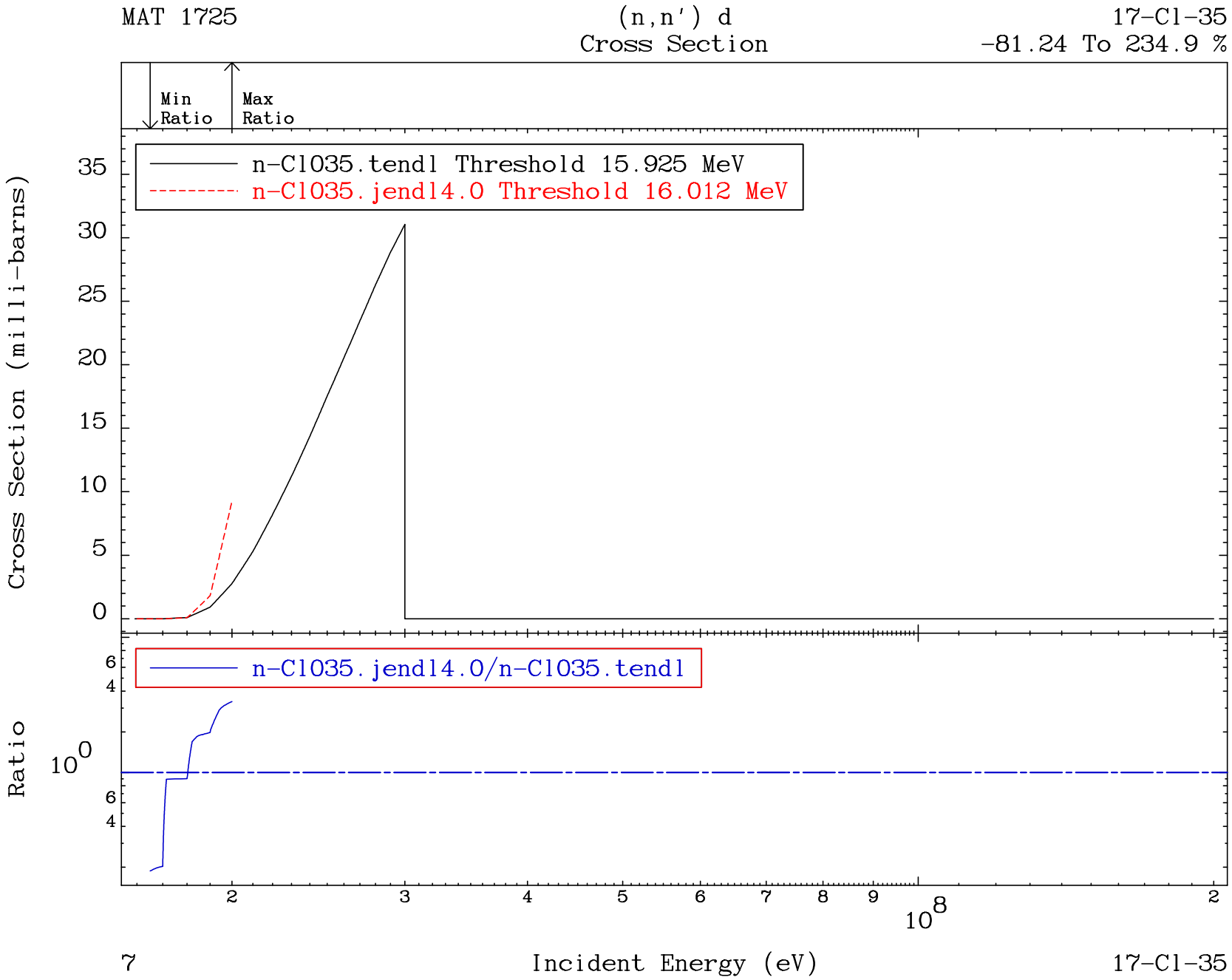

MAT 1725
Elastic
Cross Section
17-Cl-35
-74.90 To 365.1 %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
2
17-Cl-35

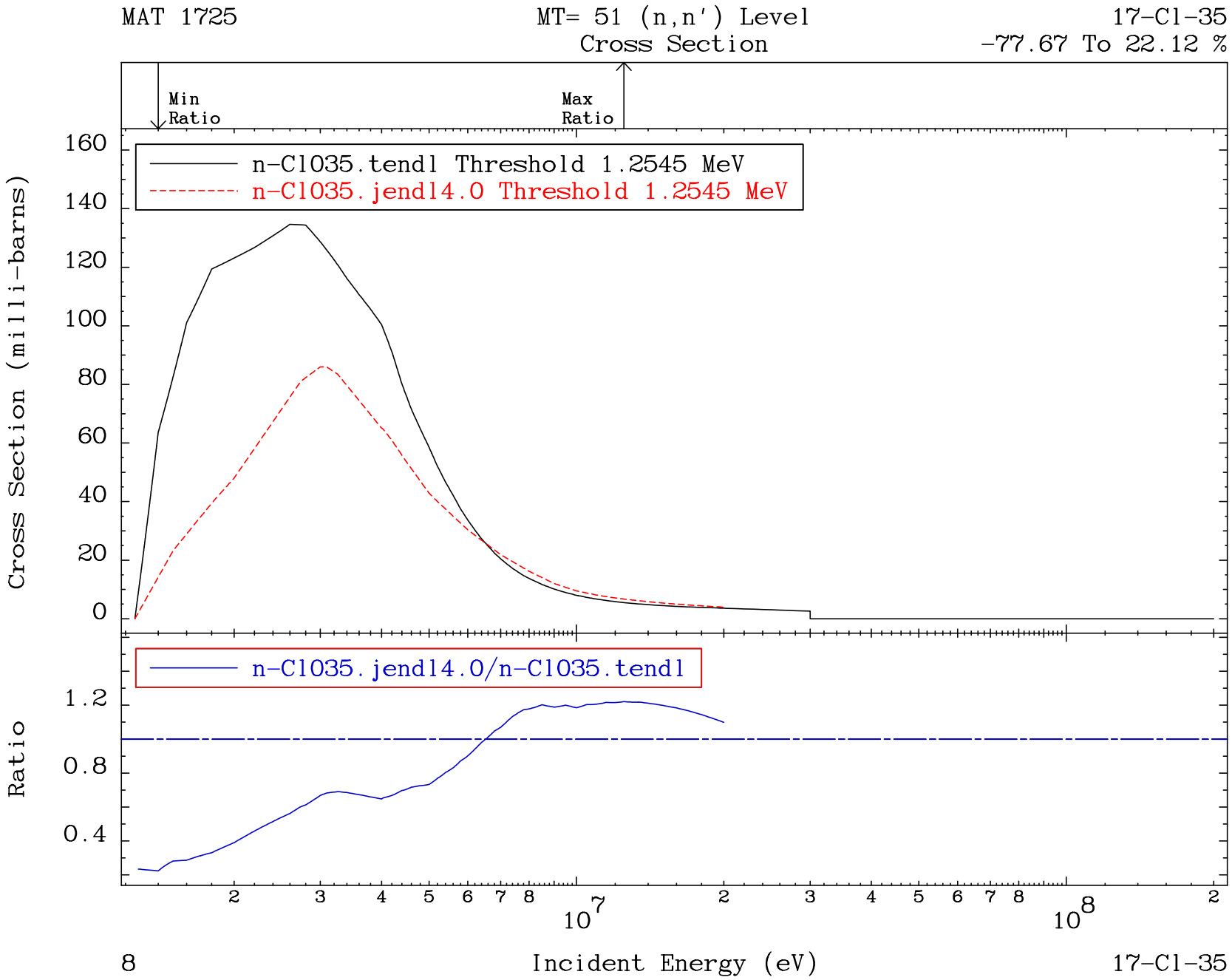

MAT 1725
Inelastic
Cross Section
17-Cl-35
-77.67 To 22.49 %
Min
Ratio
Max
Ratio
n-Cl035.tendl Threshold 1.2545 MeV
n-Cl035.jendl4.0 Threshold 1.2545 MeV
Cross Section (milli-barns)
800
600
400
200
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.2
0.8
0.4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
17-Cl-35

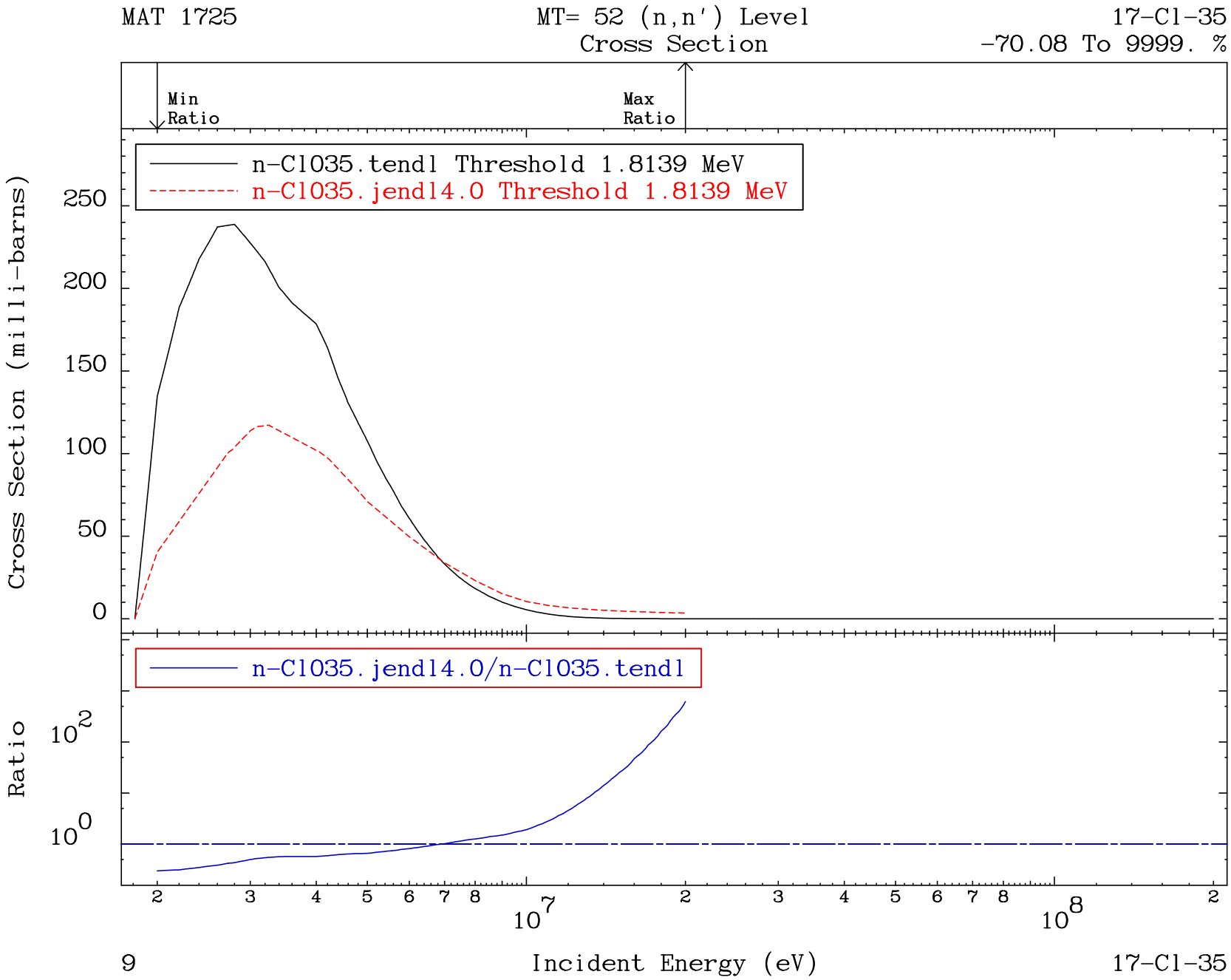

MAT 1725
(n,2n)
Cross Section
17-Cl-35
-37.97 To 65.01 %
Min
Ratio
n-Cl035.tendl Threshold 13.010 MeV
n-Cl035.jendl4.0 Threshold 13.011 MeV
Cross Section (milli-barns)
60
40
20
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.6
1.2
0.8
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
17-Cl-35

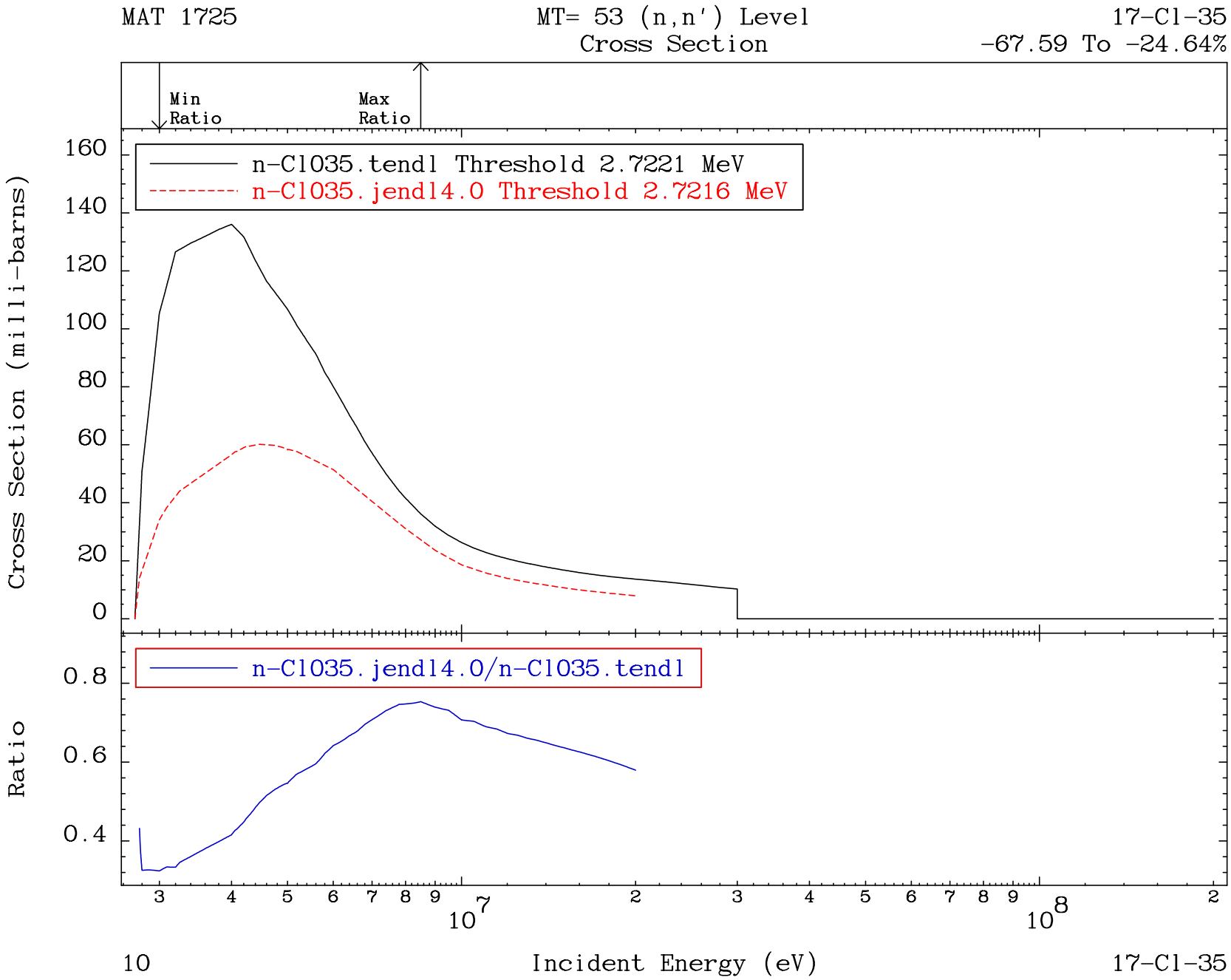

MAT 1725
(n,n') α
Cross Section
17-Cl-35
-12.01 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 7.1447 MeV
n-Cl035.jendl4.0 Threshold 7.2002 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^4
10^2
10^0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
5
Incident Energy (eV)
17-Cl-35

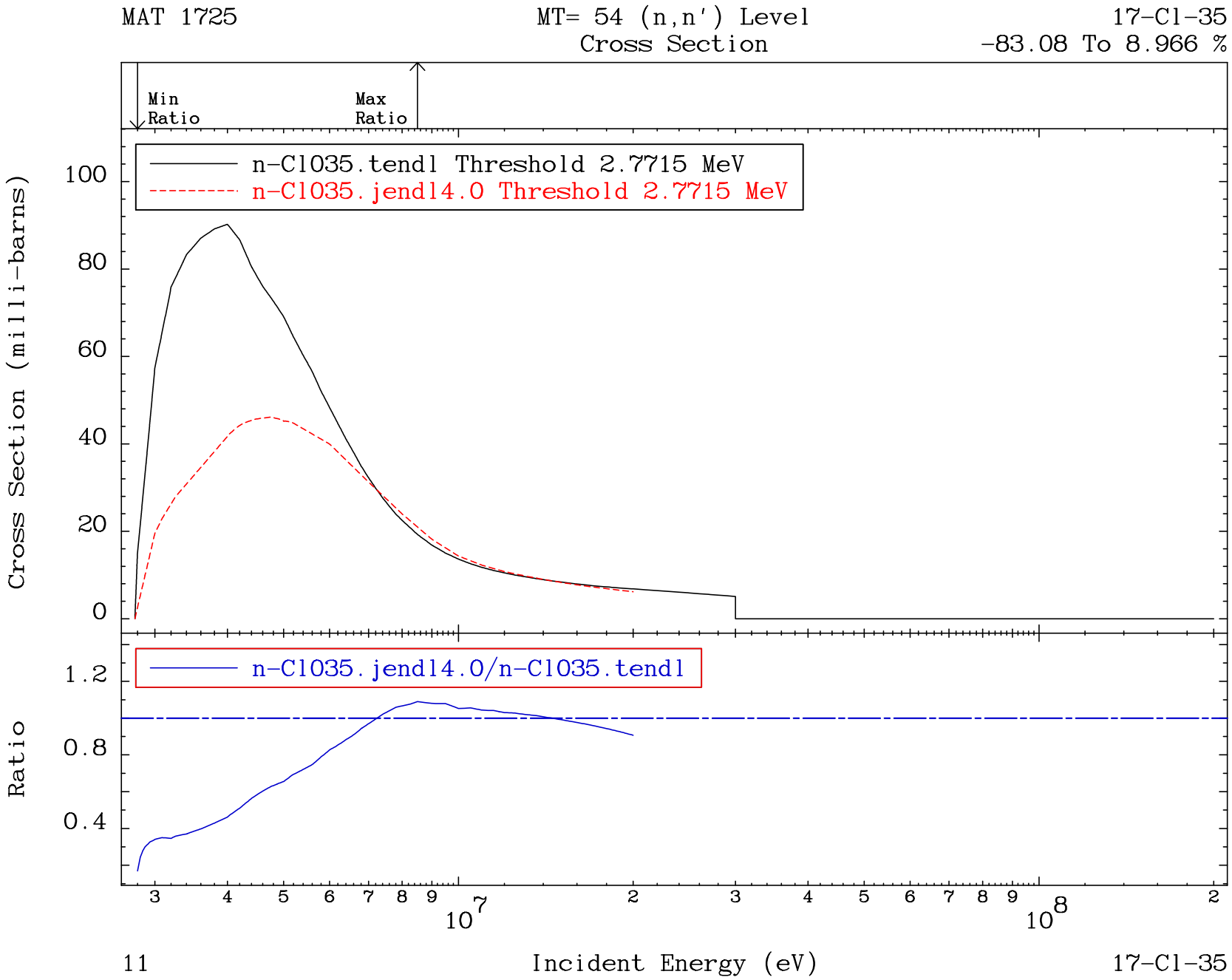

MAT 1725
(n,n') p
Cross Section
17-Cl-35
-83.81 To 9999. %
Min
Ratio
n-Cl035.tendl Threshold 6.5546 MeV
n-Cl035.jendl4.0 Threshold 6.5568 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^6
10^3
10^0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
6
Incident Energy (eV)
17-Cl-35

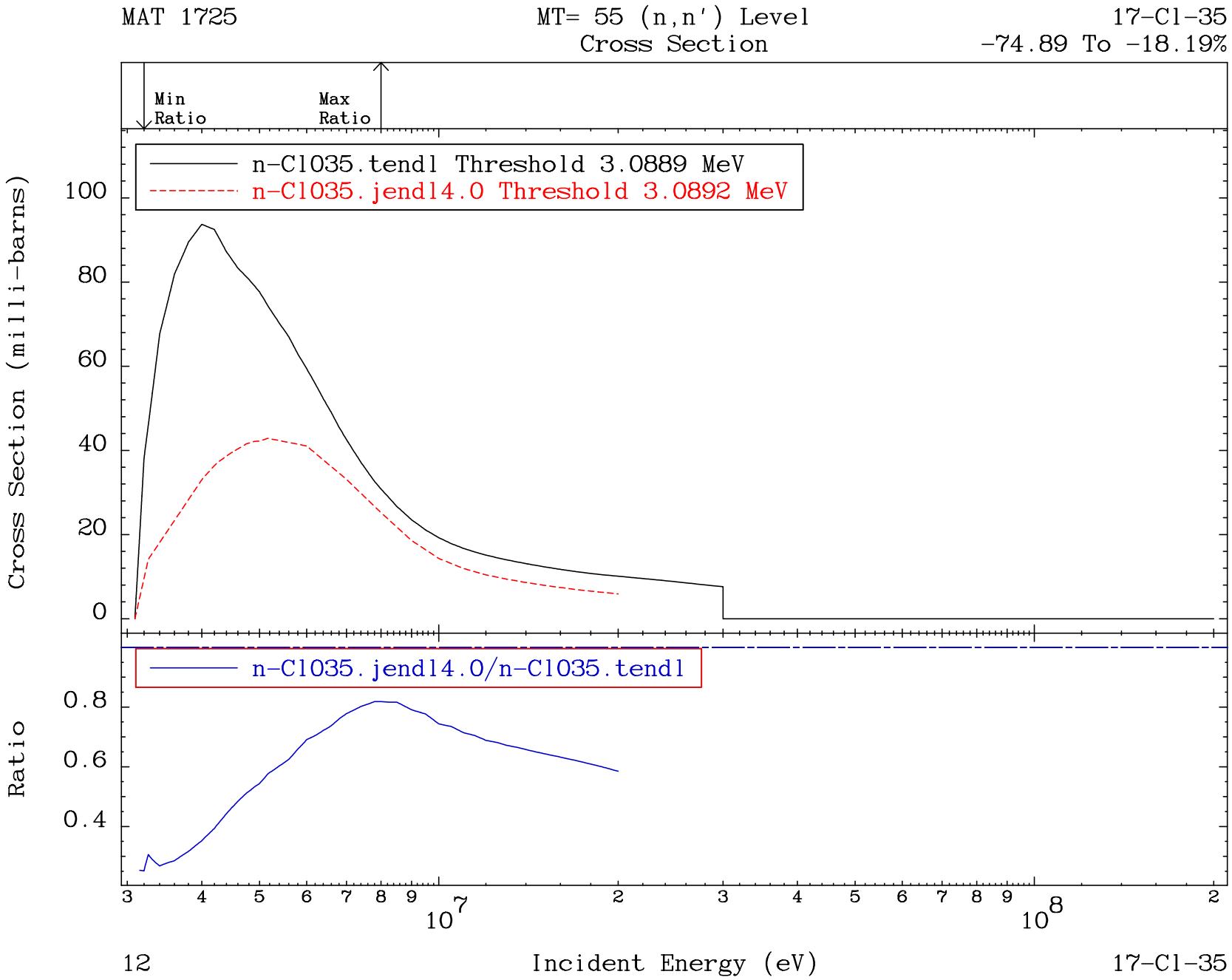

MAT 1725
(n,n') d
Cross Section
17-Cl-35
-81.24 To 234.9 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 15.925 MeV
n-Cl035.jendl4.0 Threshold 16.012 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
6
4
10^0
6
4
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
17-Cl-35

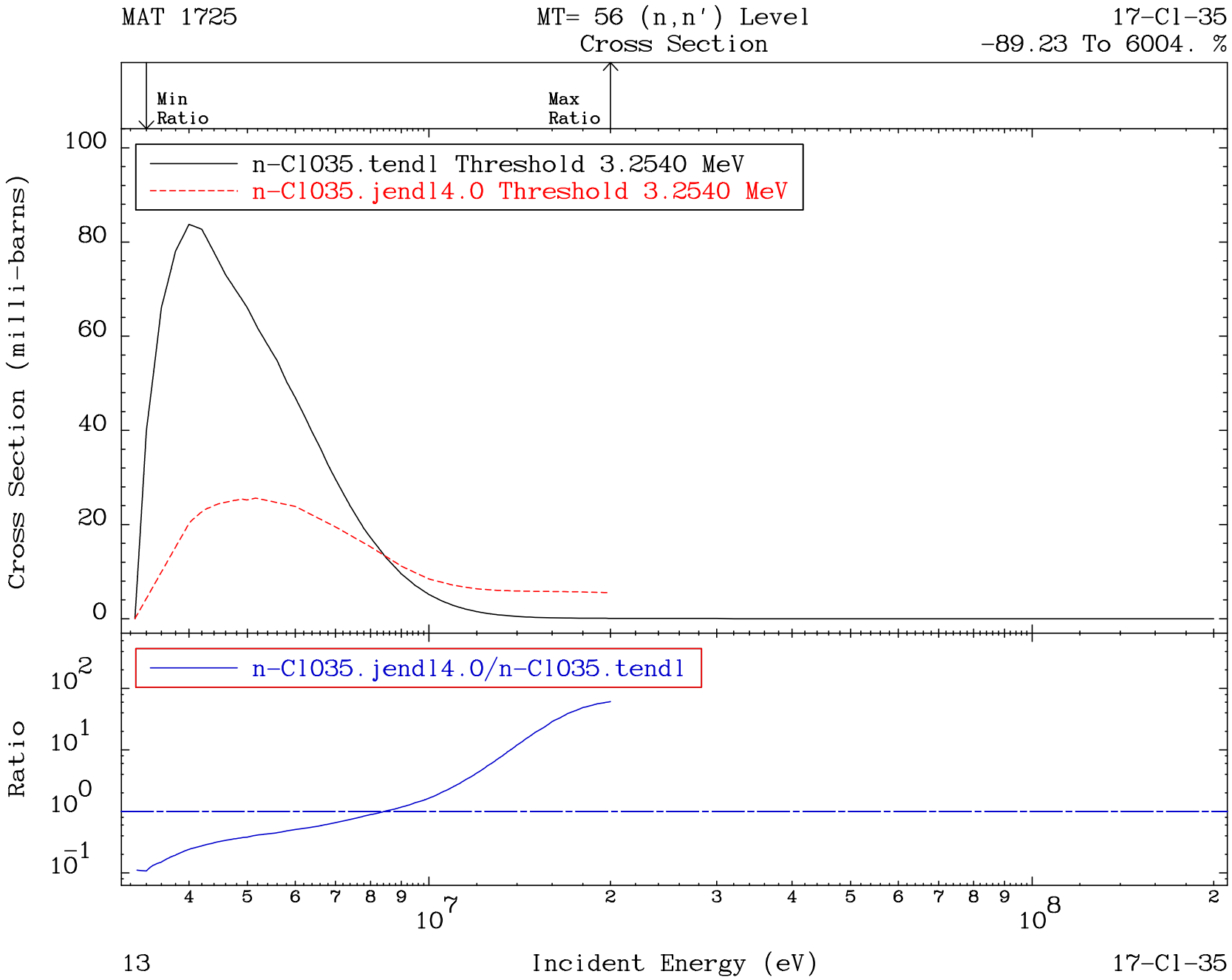

MAT 1725
MT= 51 (n,n') Level
Cross Section
17-Cl-35
-77.67 To 22.12 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 1.2545 MeV
n-Cl035.jendl4.0 Threshold 1.2545 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.2
0.8
0.4
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
8
Incident Energy (eV)
17-Cl-35

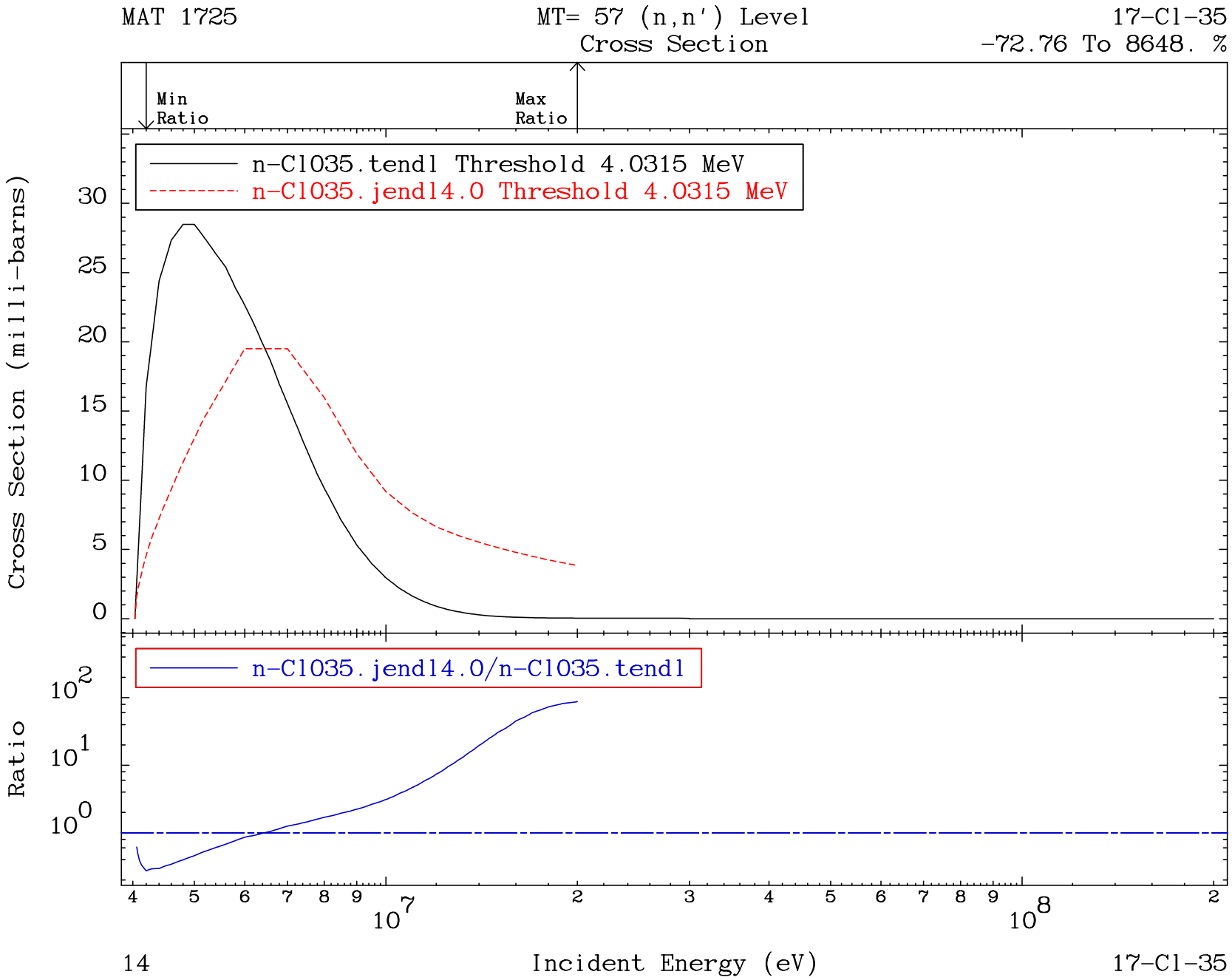

MAT 1725
MT= 52 (n,n') Level
Cross Section
17-Cl-35
-70.08 To 9999. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 1.8139 MeV
n-Cl035.jendl4.0 Threshold 1.8139 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^2
10^0
2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
9
Incident Energy (eV)
17-Cl-35

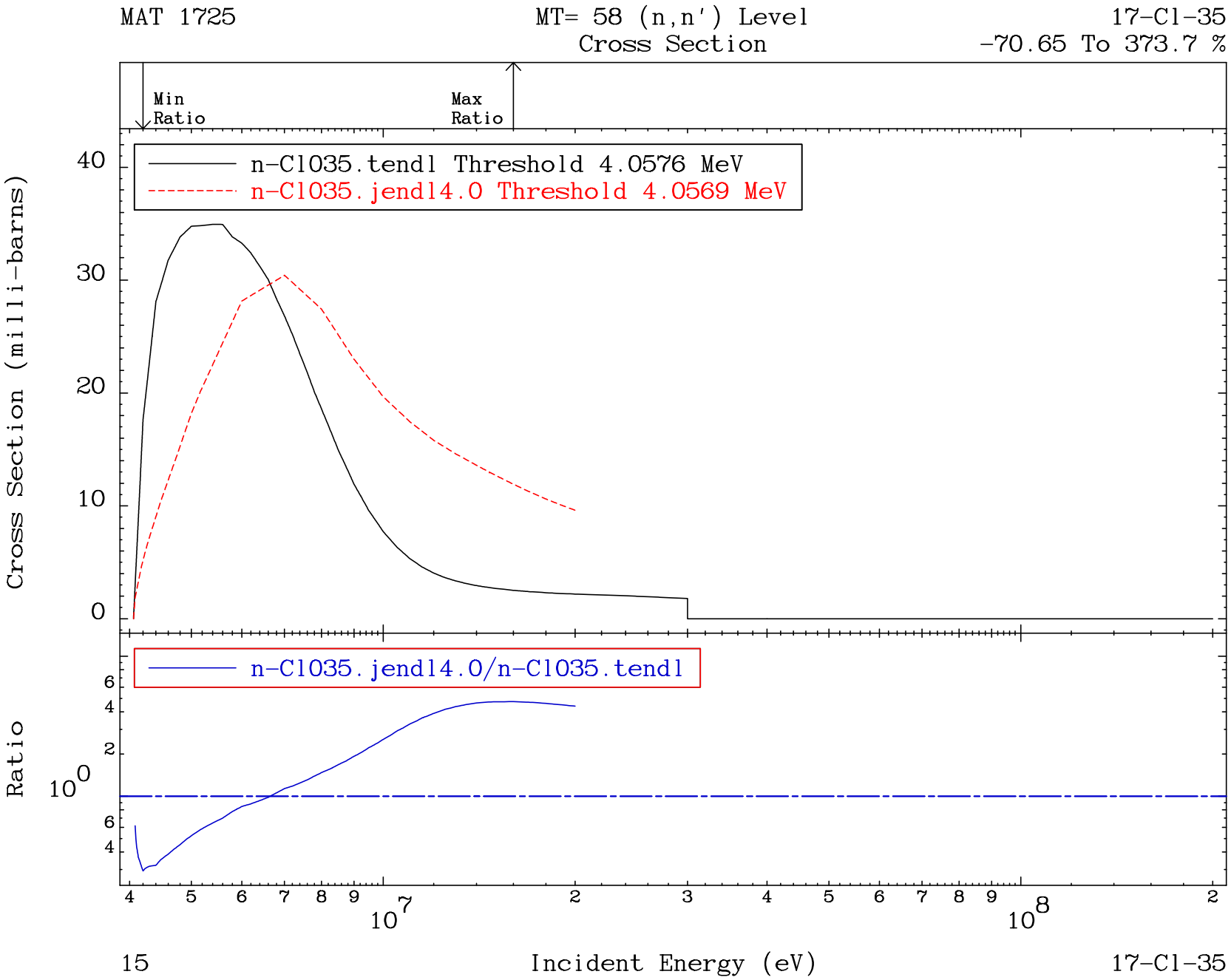

MAT 1725
MT= 53 (n,n') Level
Cross Section
17-Cl-35
-67.59 To -24.64%
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 2.7221 MeV
n-Cl035.jendl4.0 Threshold 2.7216 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
0.8
0.6
0.4
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
10
Incident Energy (eV)
17-Cl-35

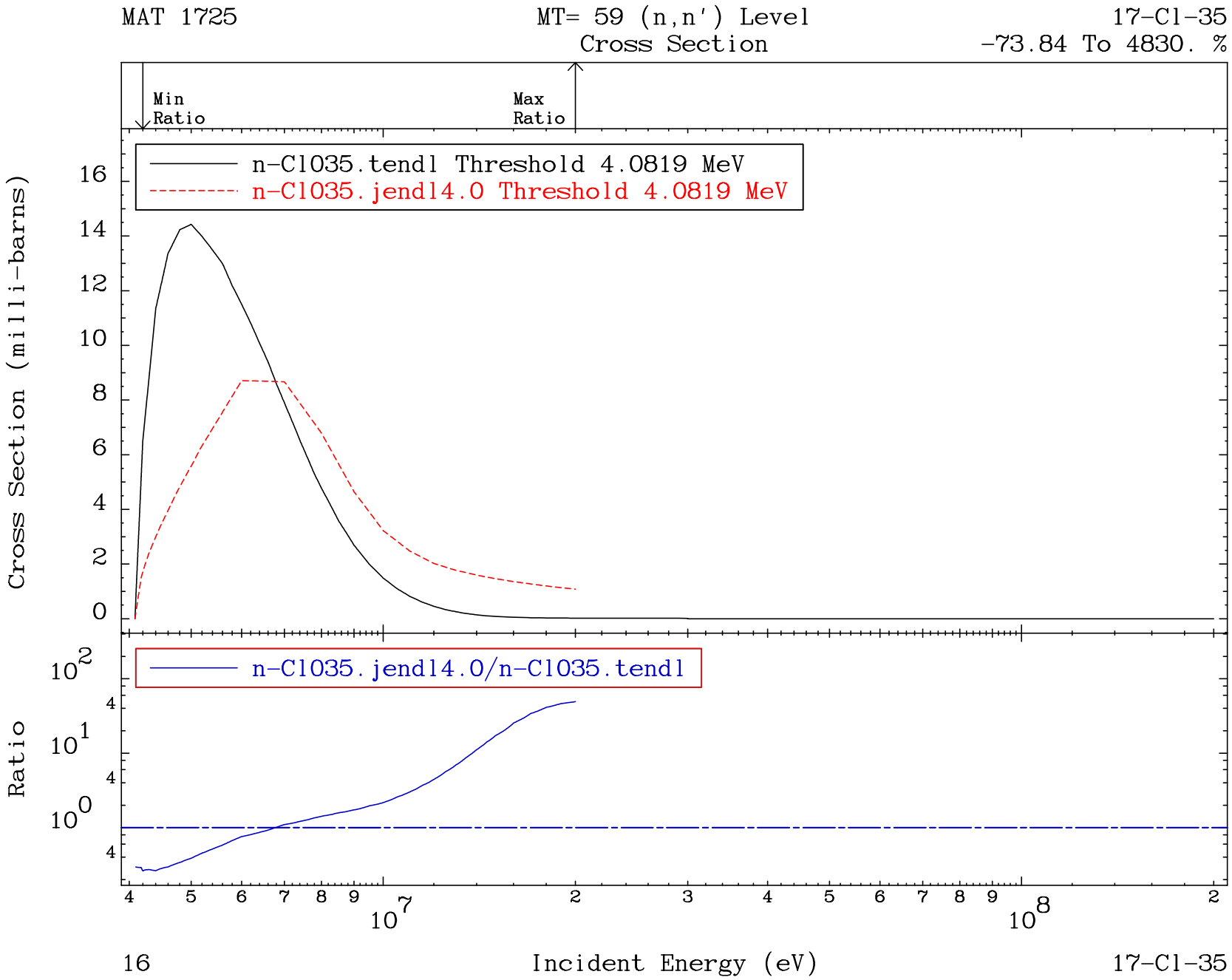

MAT 1725
MT= 54 (n,n') Level
Cross Section
17-Cl-35
-83.08 To 8.966 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 2.7715 MeV
n-Cl035.jendl4.0 Threshold 2.7715 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.2
0.8
0.4
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
11
Incident Energy (eV)
17-Cl-35

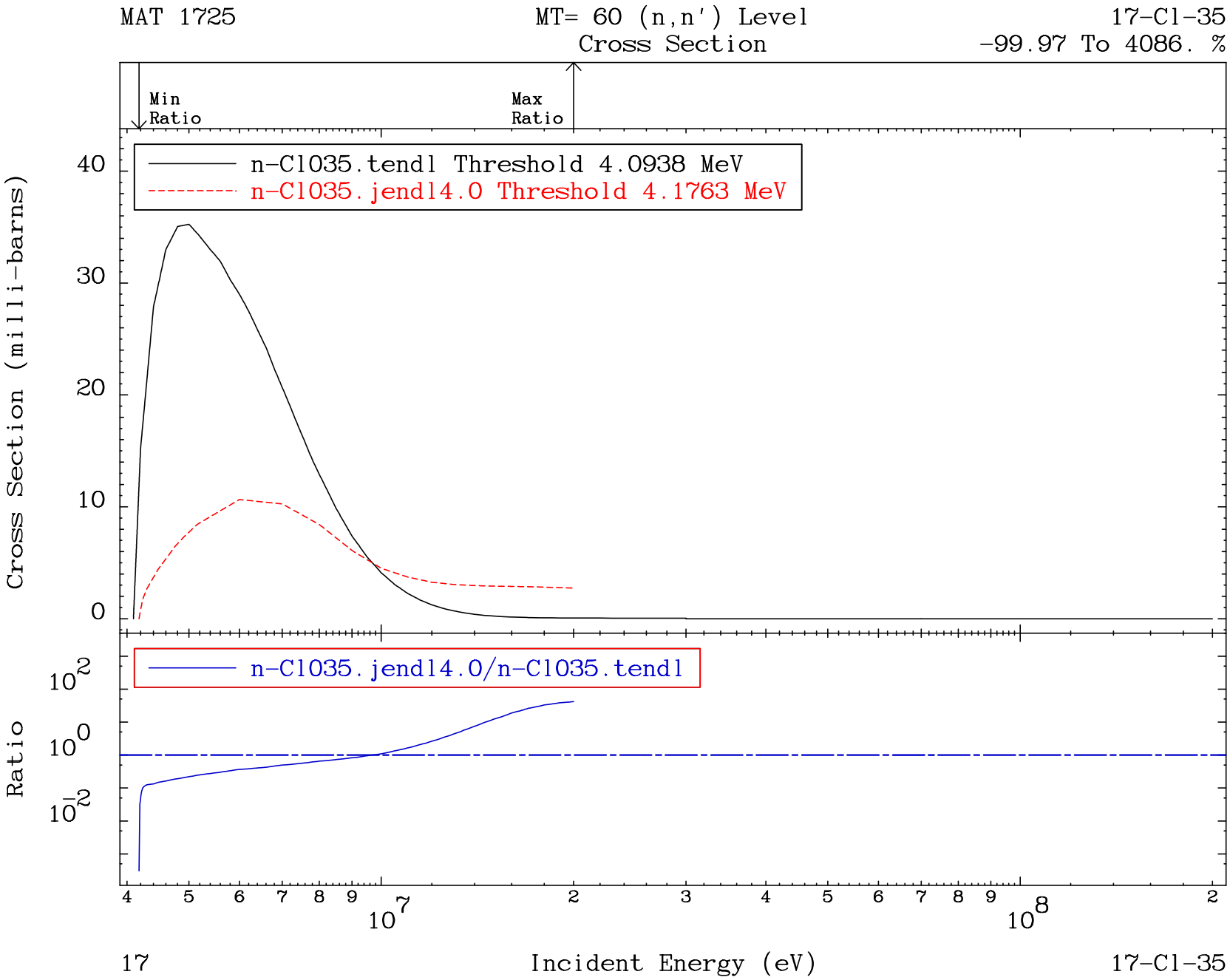

MAT 1725
MT= 55 (n,n') Level
Cross Section
17-Cl-35
-74.89 To -18.19%
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 3.0889 MeV
n-Cl035.jendl4.0 Threshold 3.0892 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
0.8
0.6
0.4
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
12
Incident Energy (eV)
17-Cl-35

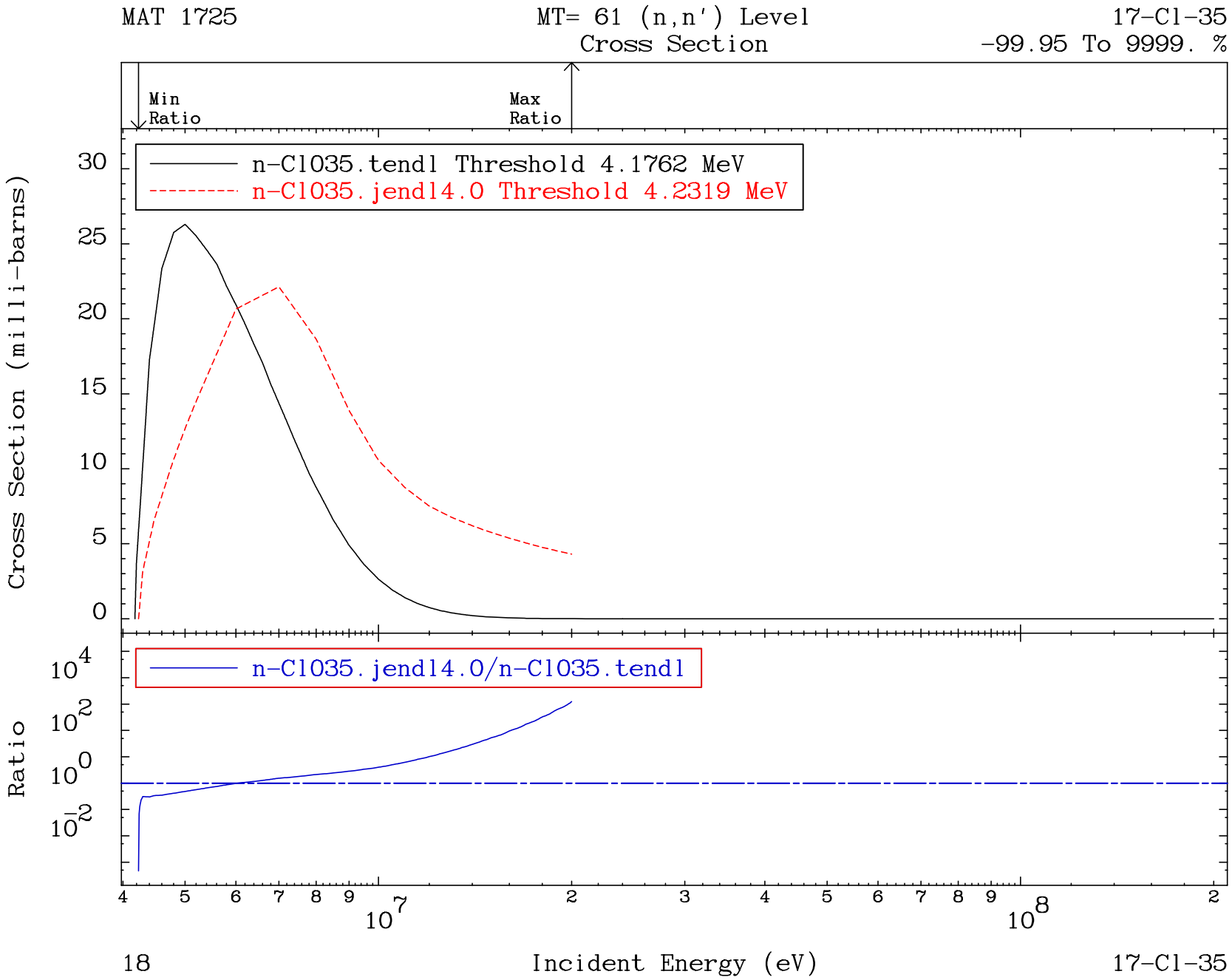

MAT 1725
MT= 56 (n,n') Level
Cross Section
17-Cl-35
-89.23 To 6004. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 3.2540 MeV
n-Cl035.jendl4.0 Threshold 3.2540 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^2
10^1
10^0
10^-1
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
13
Incident Energy (eV)
17-Cl-35

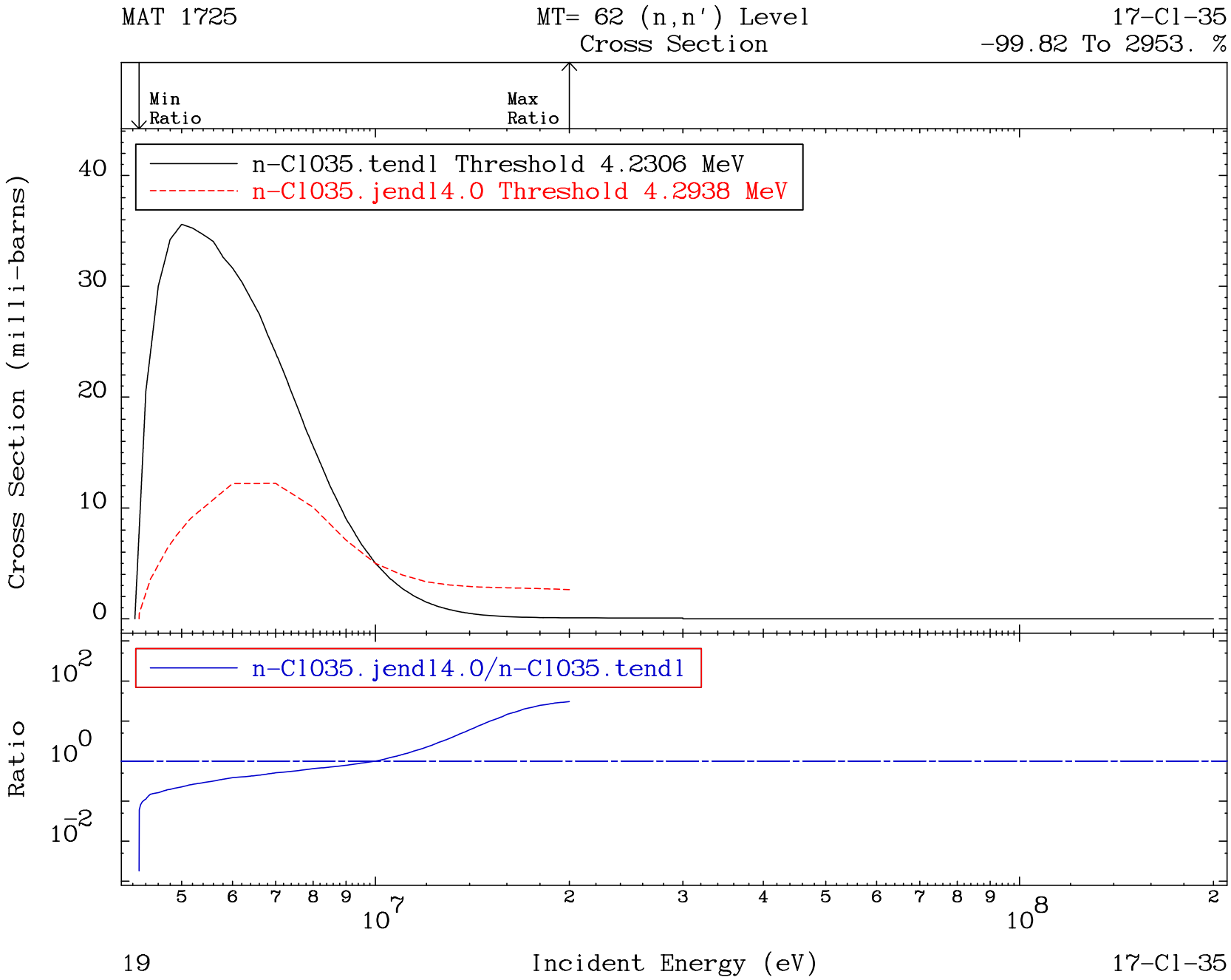

MAT 1725
MT= 57 (n,n') Level
Cross Section
17-Cl-35
-72.76 To 8648. %
Min
Ratio
Max
Ratio
n-Cl035.tendl Threshold 4.0315 MeV
n-Cl035.jendl4.0 Threshold 4.0315 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^2
10^1
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
14
Incident Energy (eV)
17-Cl-35

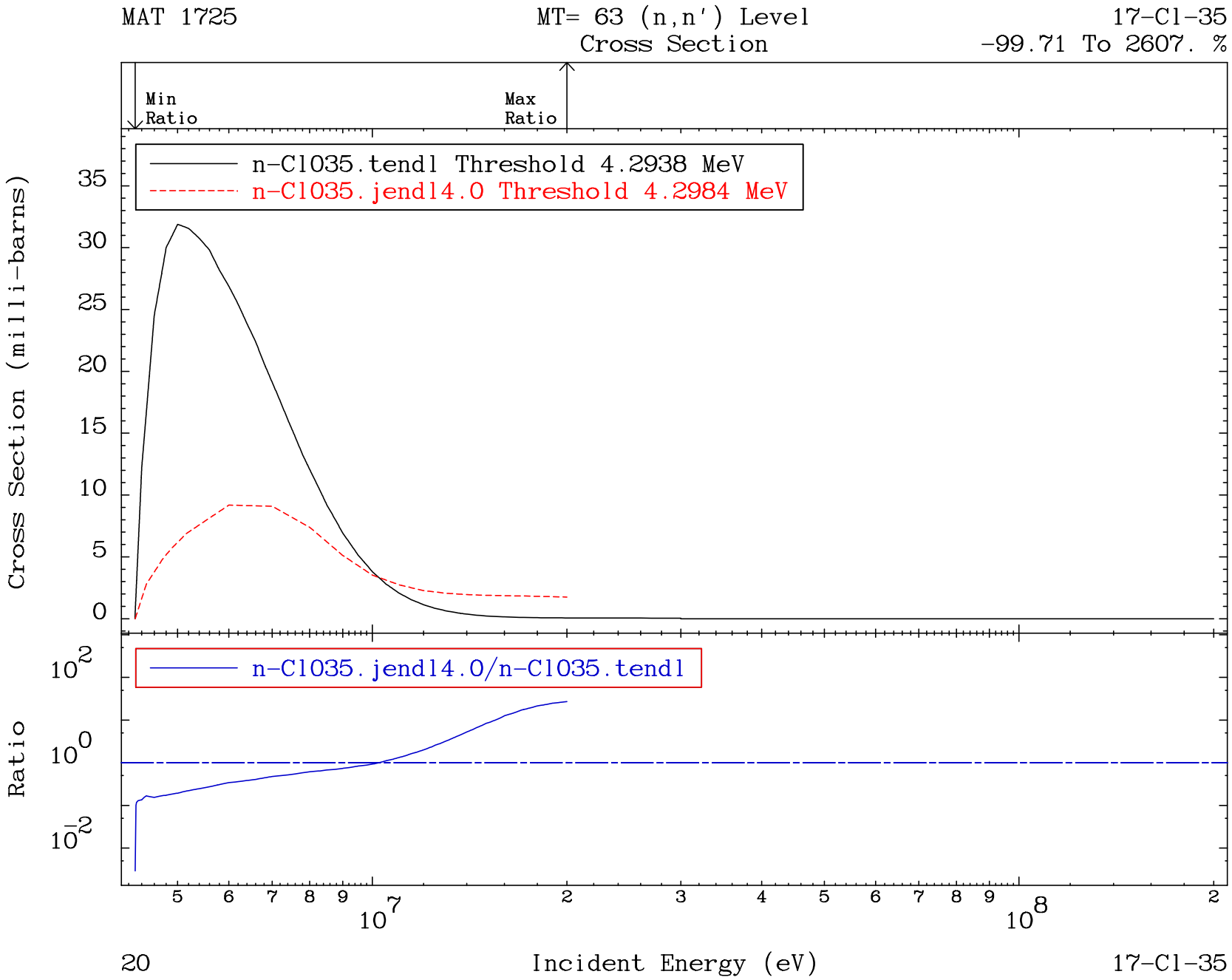

MAT 1725
MT= 58 (n,n') Level
Cross Section
17-Cl-35
-70.65 To 373.7 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.0576 MeV
n-Cl035.jendl4.0 Threshold 4.0569 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^0
6
4
2
6
4
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
15
Incident Energy (eV)
17-Cl-35

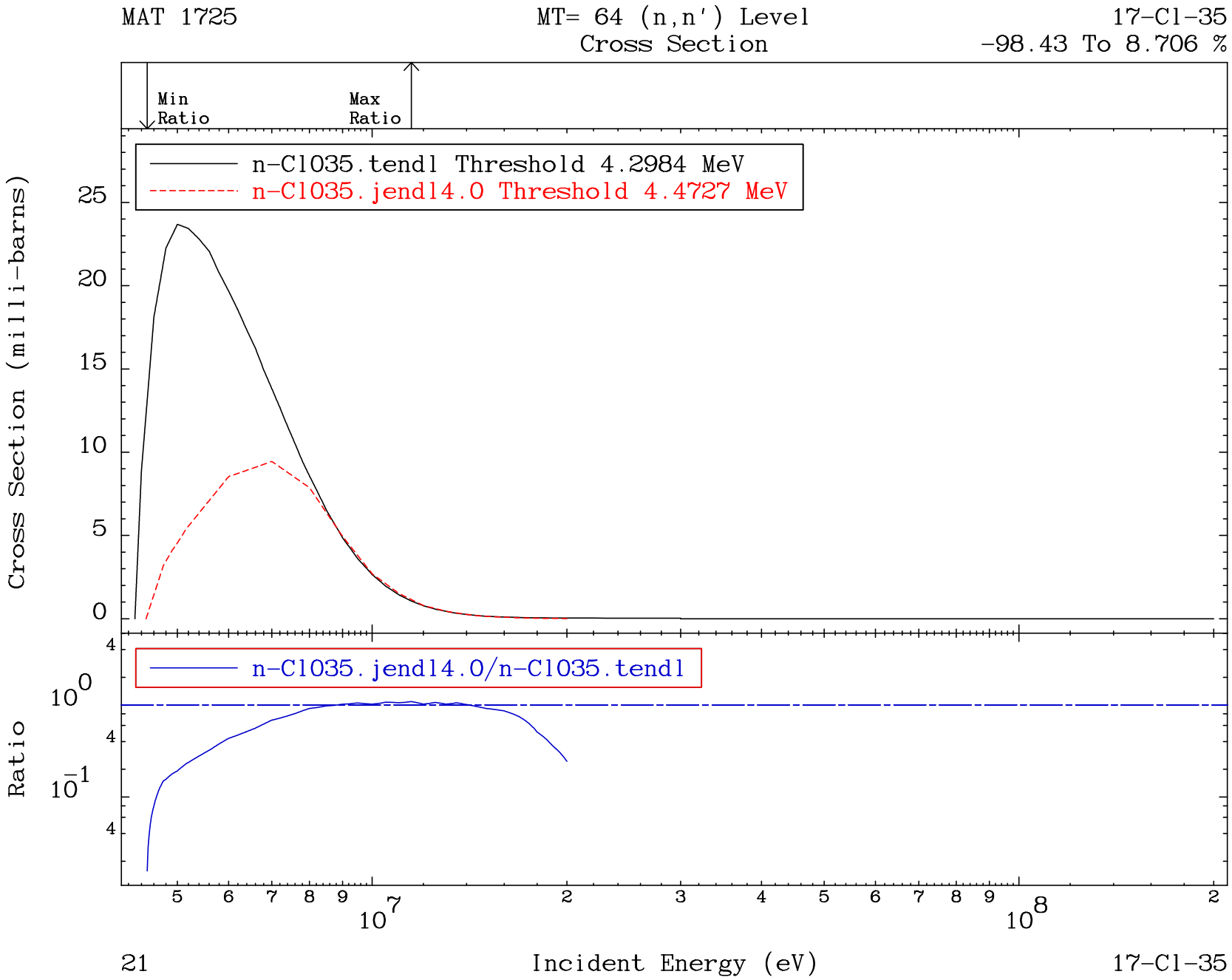

MAT 1725
MT= 59 (n,n') Level
Cross Section
17-Cl-35
-73.84 To 4830. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.0819 MeV
n-Cl035.jendl4.0 Threshold 4.0819 MeV
Cross Section (milli-barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
16
17-Cl-35

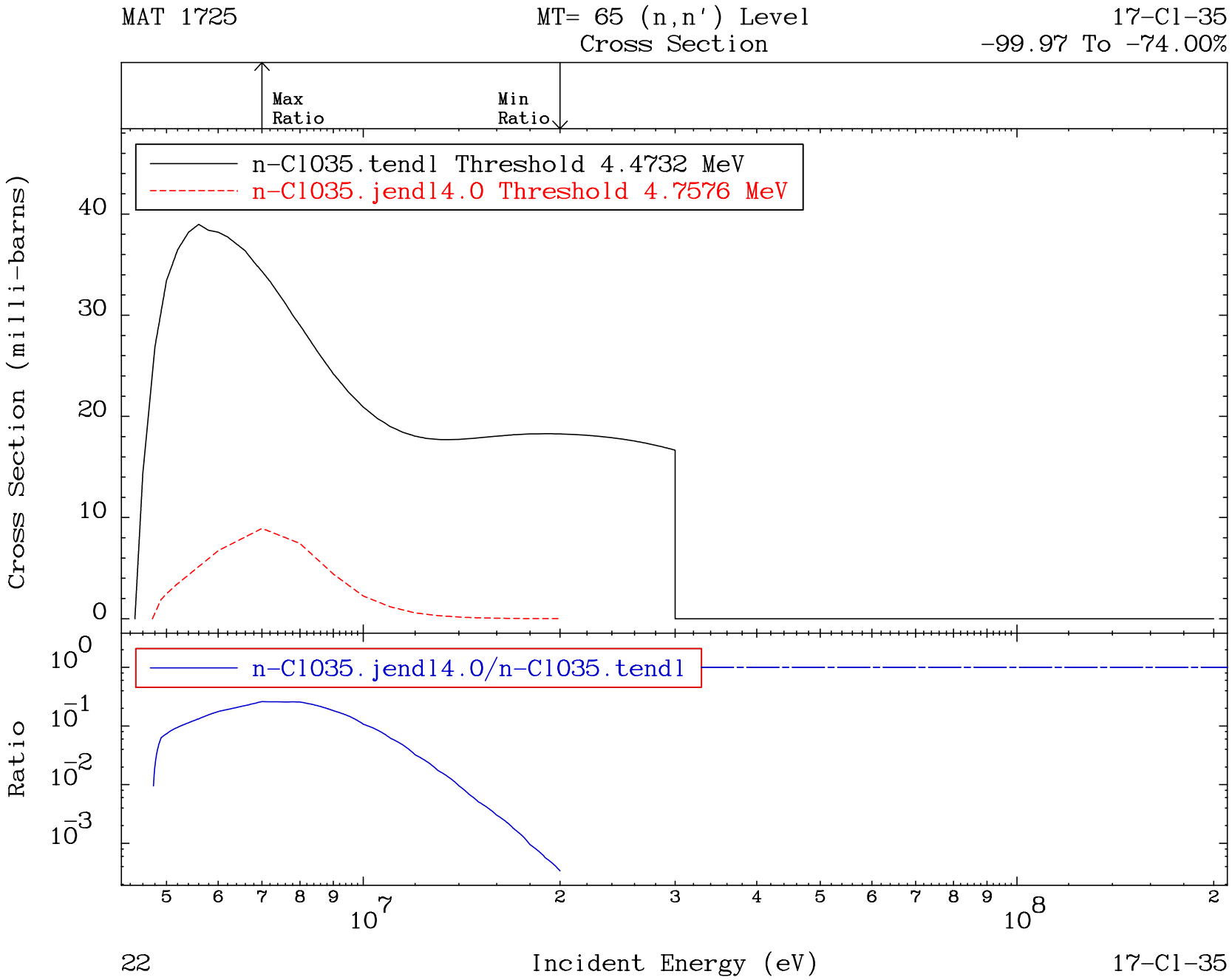

MAT 1725
MT= 60 (n,n') Level
Cross Section
17-Cl-35
-99.97 To 4086. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.0938 MeV
n-Cl035.jendl4.0 Threshold 4.1763 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^2
10^0
10^-2
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
17
Incident Energy (eV)
17-Cl-35

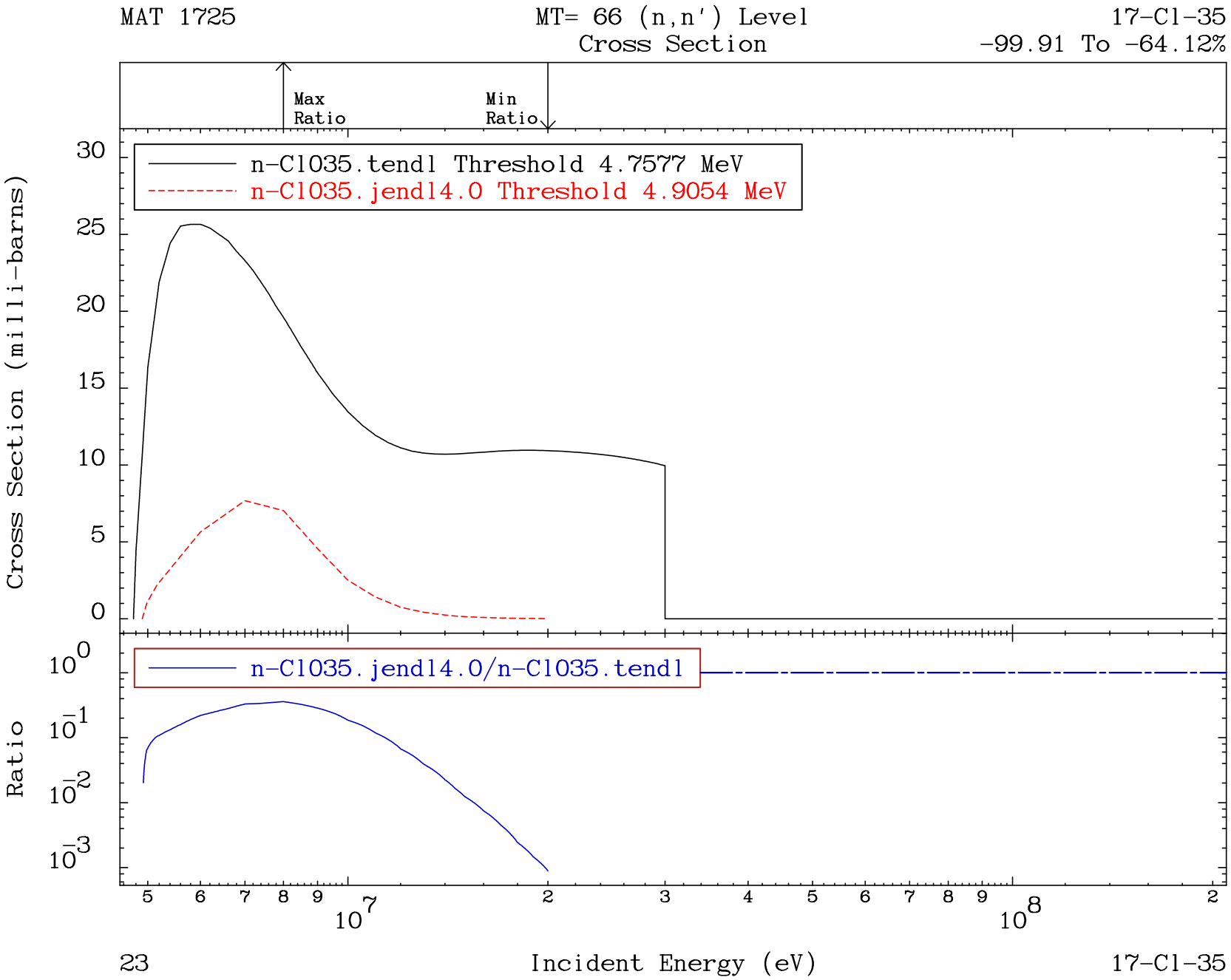

MAT 1725
MT= 61 (n,n') Level
Cross Section
17-Cl-35
-99.95 To 9999. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.1762 MeV
n-Cl035.jendl4.0 Threshold 4.2319 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^4
10^2
10^0
10^-2
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
18
Incident Energy (eV)
17-Cl-35

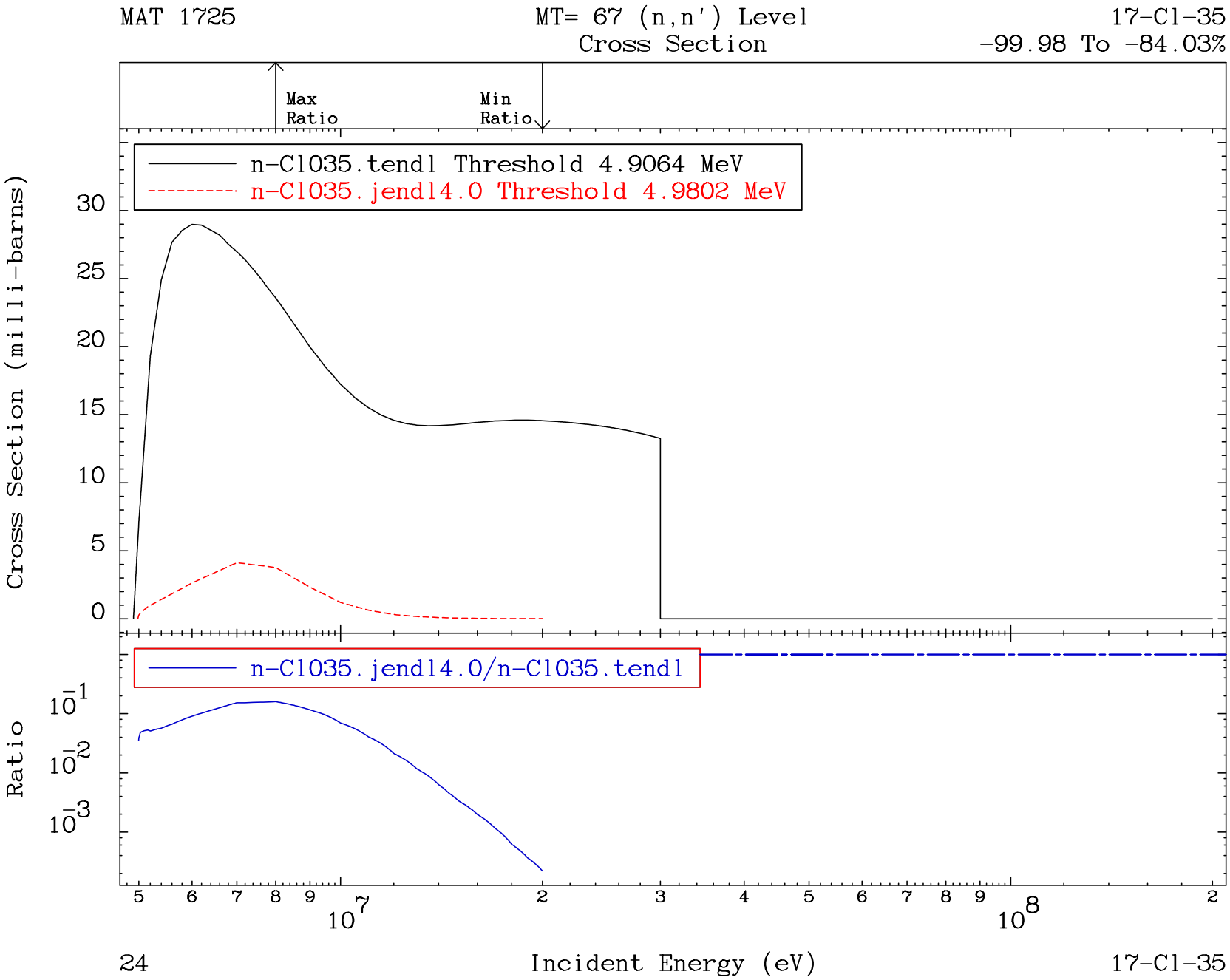

MAT 1725
MT= 62 (n,n') Level
Cross Section
17-Cl-35
-99.82 To 2953. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.2306 MeV
n-Cl035.jendl4.0 Threshold 4.2938 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^2
10^0
10^-2
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
17-Cl-35

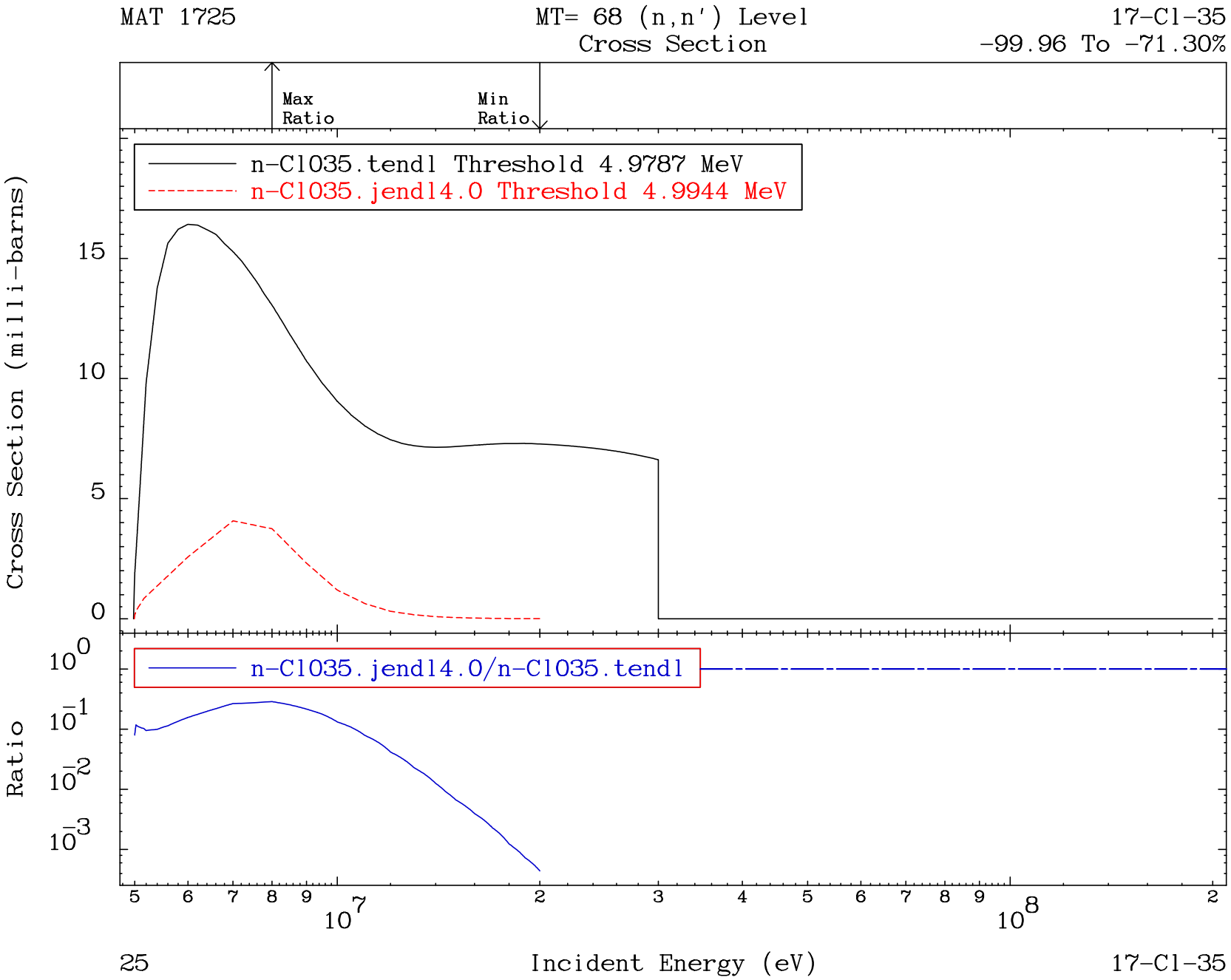

MAT 1725
MT= 63 (n,n') Level
Cross Section
17-Cl-35
-99.71 To 2607. %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.2938 MeV
n-Cl035.jendl4.0 Threshold 4.2984 MeV
Cross Section (milli-barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
20
17-Cl-35

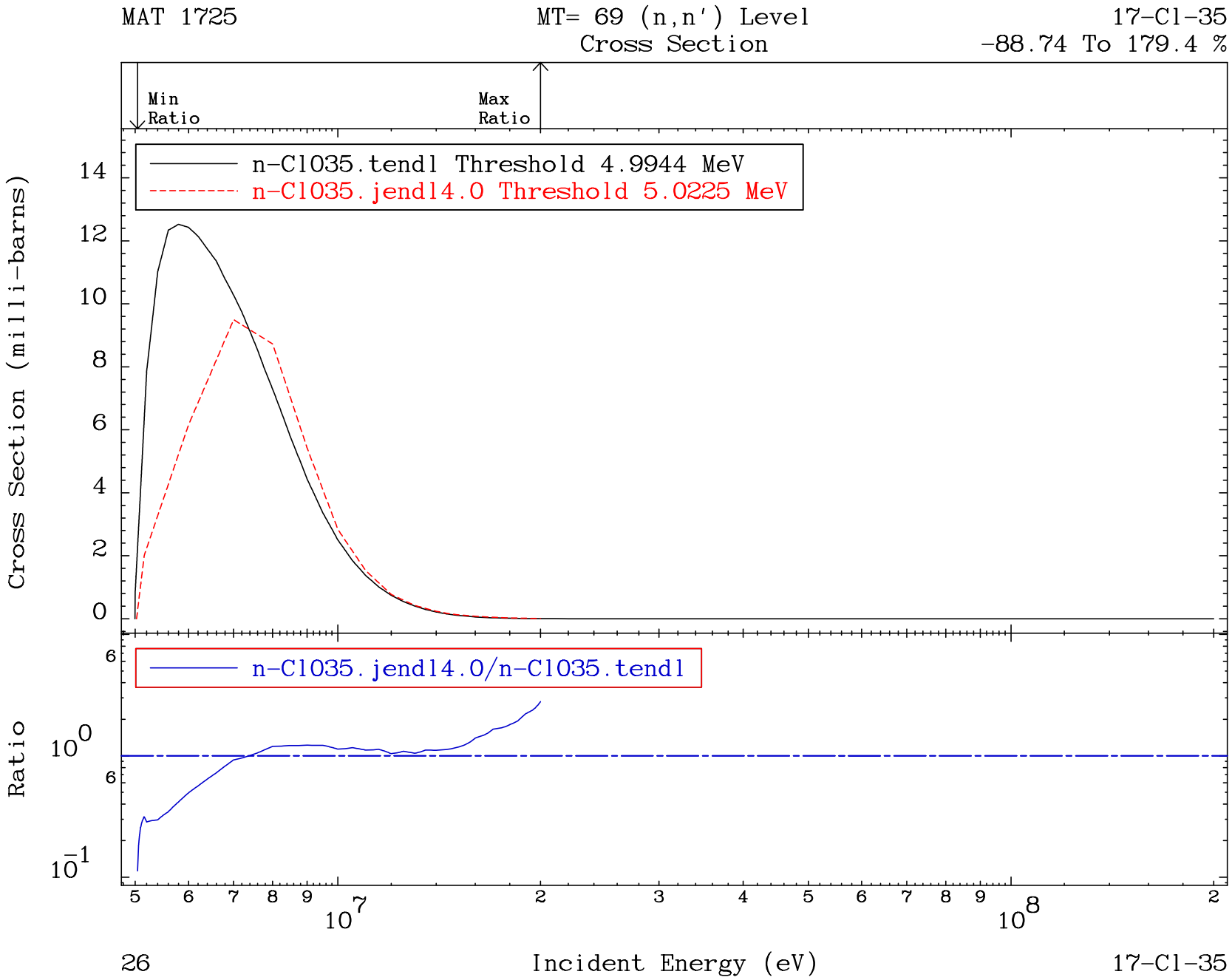

MAT 1725
MT= 64 (n,n') Level
Cross Section
17-Cl-35
-98.43 To 8.706 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.2984 MeV
n-Cl035.jendl4.0 Threshold 4.4727 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^0
10^-1
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
21
Incident Energy (eV)
17-Cl-35

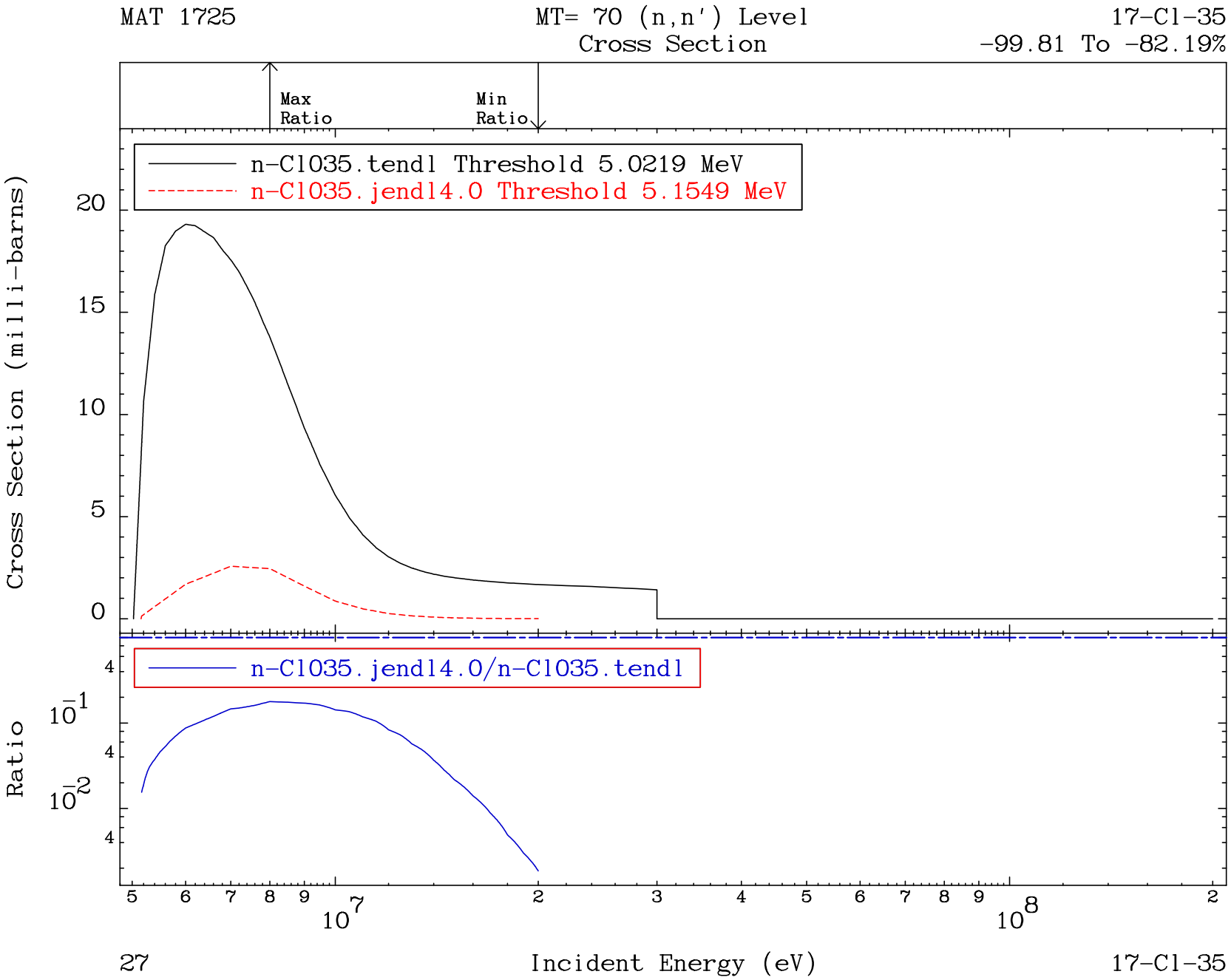

MAT 1725
MT= 65 (n,n') Level
Cross Section
17-Cl-35
-99.97 To -74.00%
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 4.4732 MeV
n-Cl035.jendl4.0 Threshold 4.7576 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^0
10^-1
10^-2
10^-3
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
22
Incident Energy (eV)
17-Cl-35

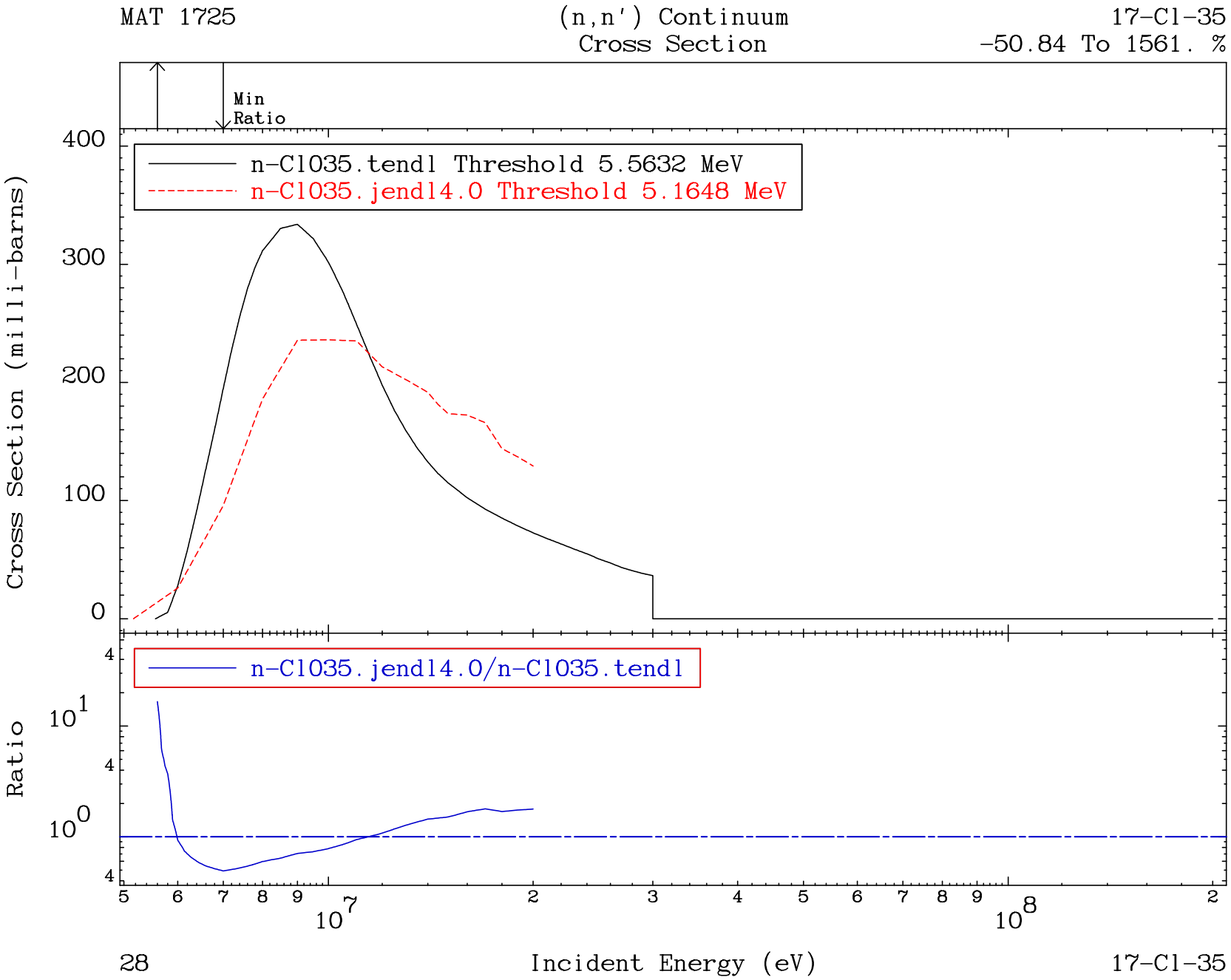

MAT 1725
MT= 66 (n,n') Level
Cross Section
17-Cl-35
-99.91 To -64.12%
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 4.7577 MeV
n-Cl035.jendl4.0 Threshold 4.9054 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^0
10^-1
10^-2
10^-3
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
23
Incident Energy (eV)
17-Cl-35

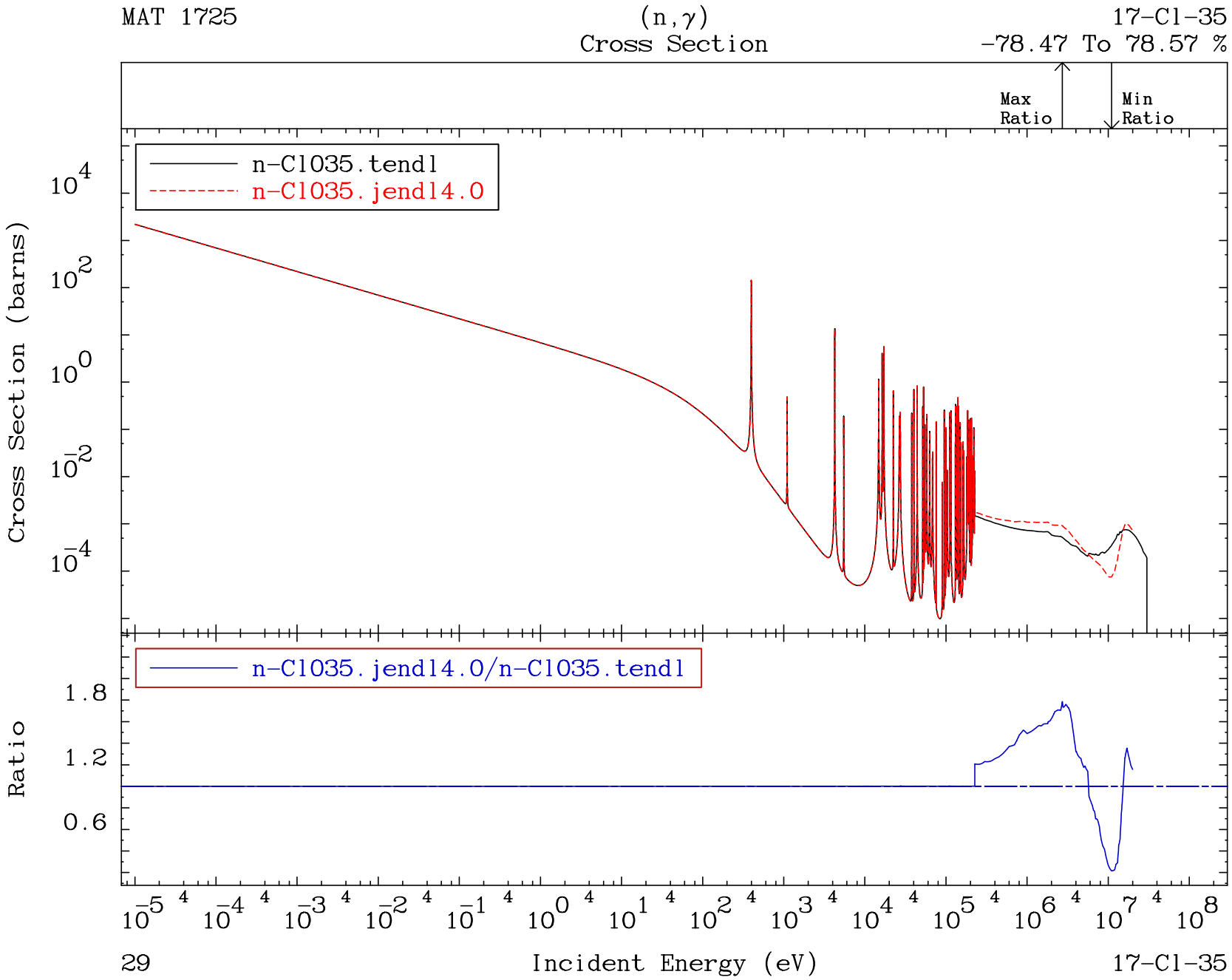

MAT 1725
MT= 67 (n,n') Level
Cross Section
17-Cl-35
-99.98 To -84.03%
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 4.9064 MeV
n-Cl035.jendl4.0 Threshold 4.9802 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10-1
10-2
10-3
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
24
Incident Energy (eV)
17-Cl-35

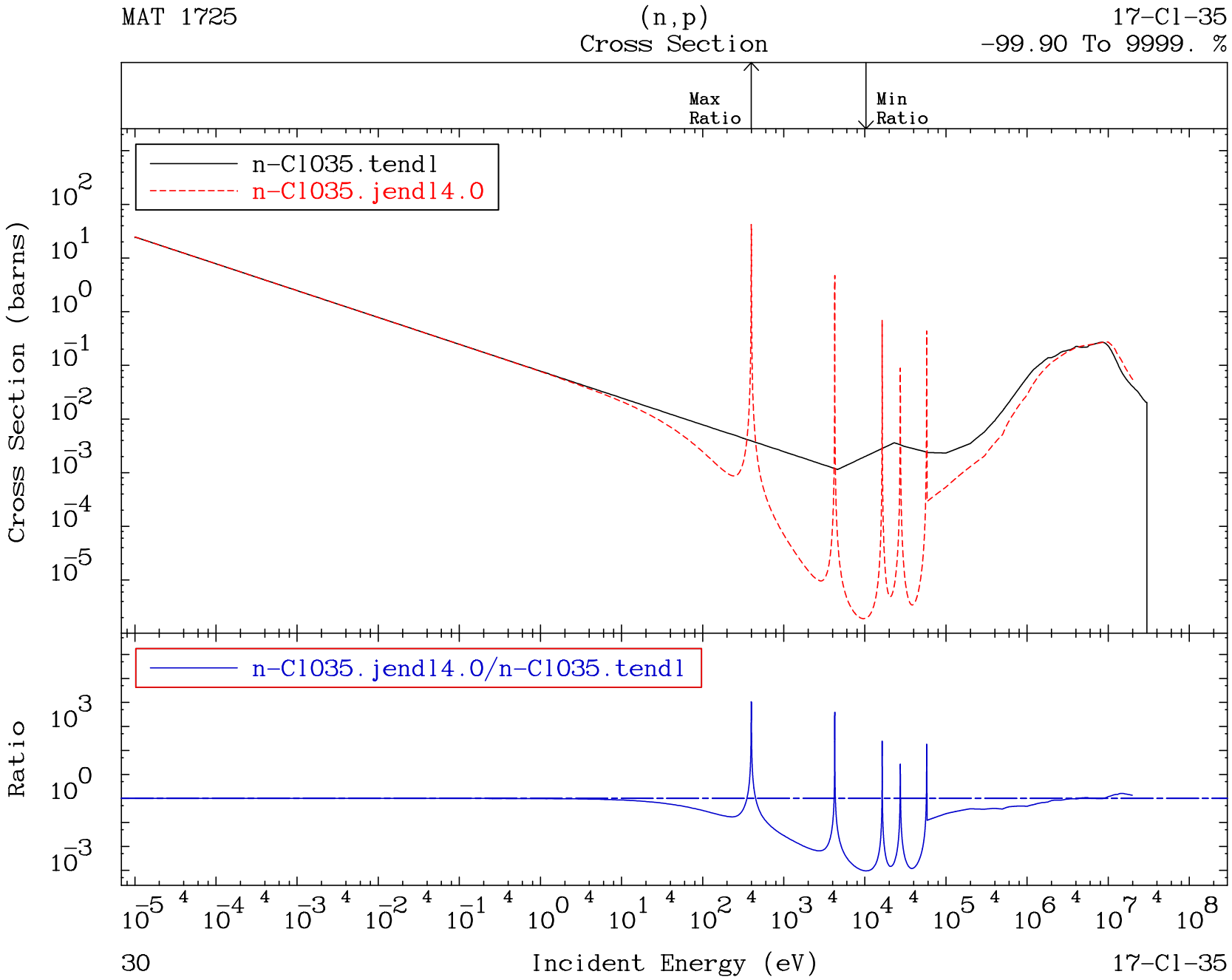

MAT 1725
MT= 68 (n,n') Level
Cross Section
17-Cl-35
-99.96 To -71.30%
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 4.9787 MeV
n-Cl035.jendl4.0 Threshold 4.9944 MeV
Cross Section (milli-barns)
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^0
10^-1
10^-2
10^-3
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
25
Incident Energy (eV)
17-Cl-35

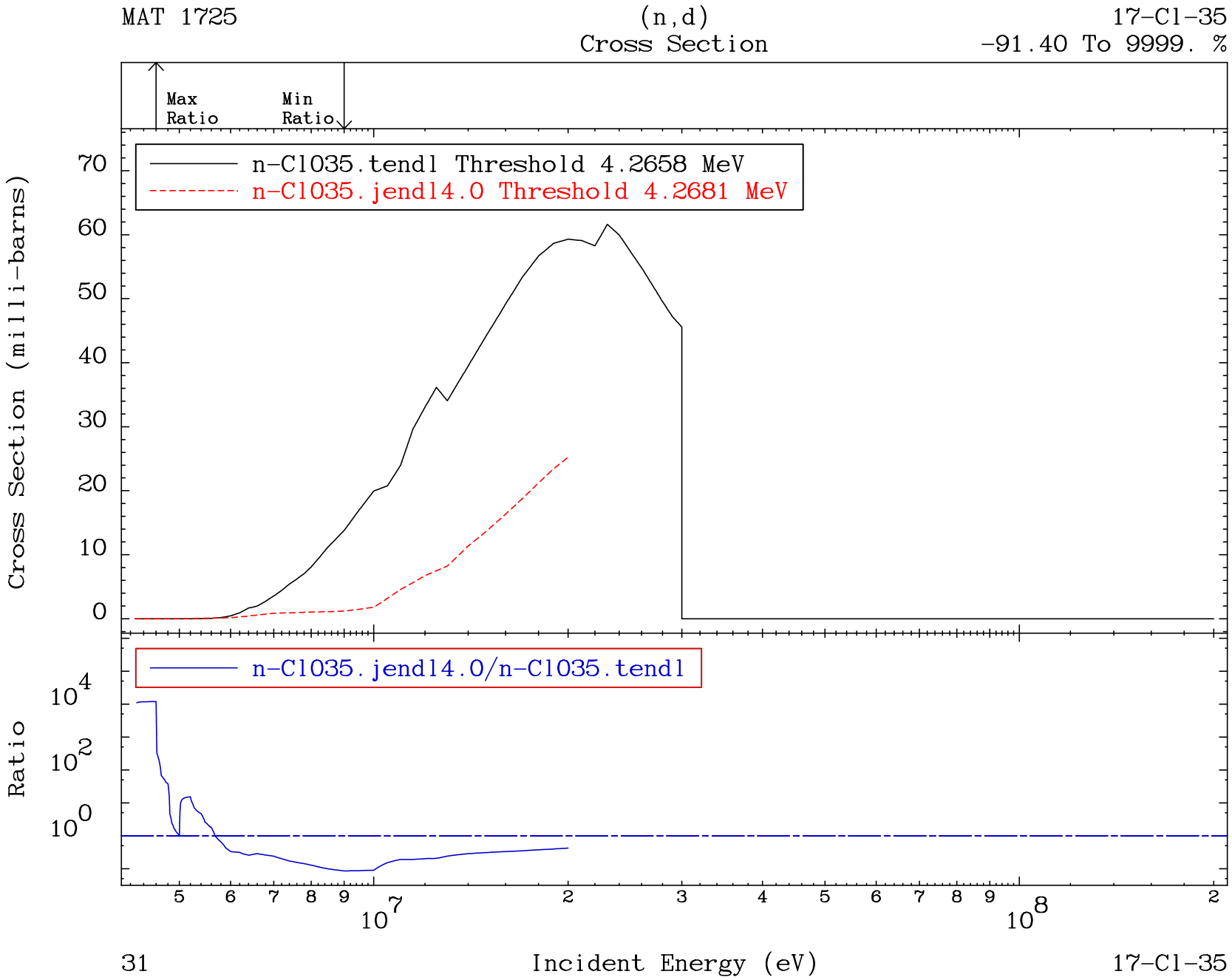

MAT 1725
MT= 69 (n,n') Level
Cross Section
17-Cl-35
-88.74 To 179.4 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 4.9944 MeV
n-Cl035.jendl4.0 Threshold 5.0225 MeV
Cross Section (milli-barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
26
17-Cl-35

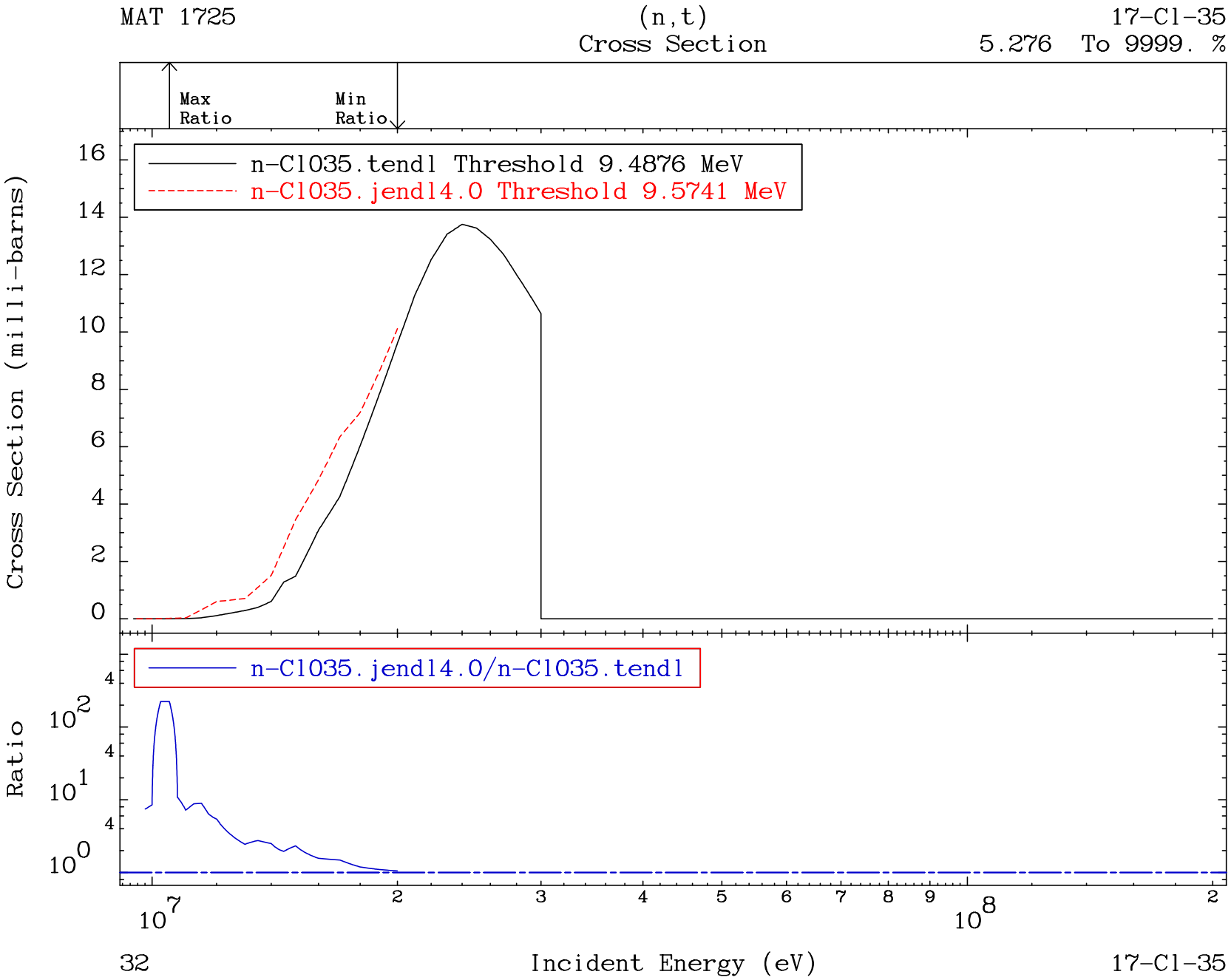

MAT 1725
MT= 70 (n,n') Level
Cross Section
17-Cl-35
-99.81 To -82.19%
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 5.0219 MeV
n-Cl035.jendl4.0 Threshold 5.1549 MeV
Cross Section (milli-barns)
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10-1
10-2
4
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
17-Cl-35

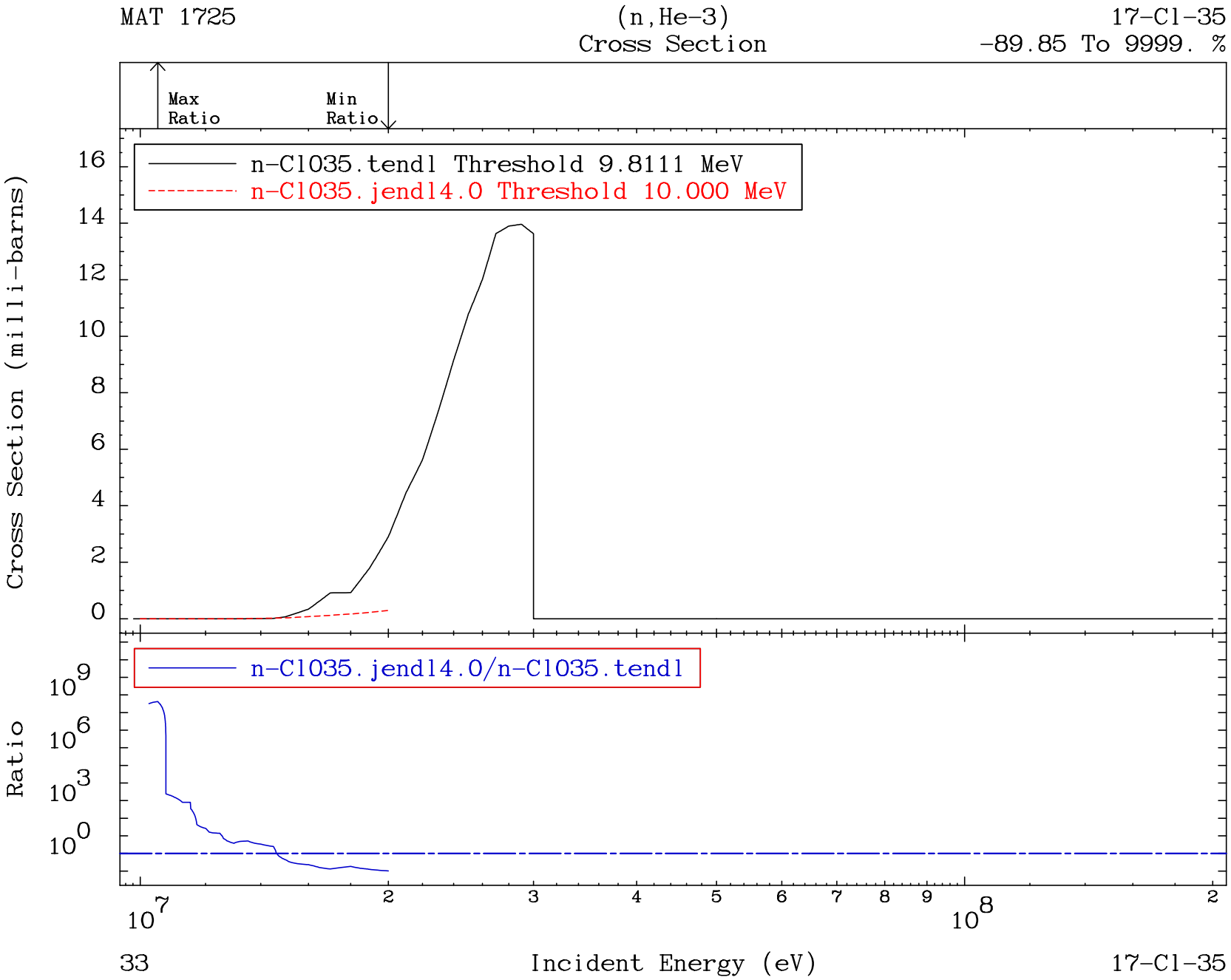

MAT 1725
(n,n') Continuum
Cross Section
17-Cl-35
-50.84 To 1561. %
Min
Ratio
n-Cl035.tendl Threshold 5.5632 MeV
n-Cl035.jendl4.0 Threshold 5.1648 MeV
Cross Section (milli-barns)
400
300
200
100
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^1
10^0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
28
Incident Energy (eV)
17-Cl-35

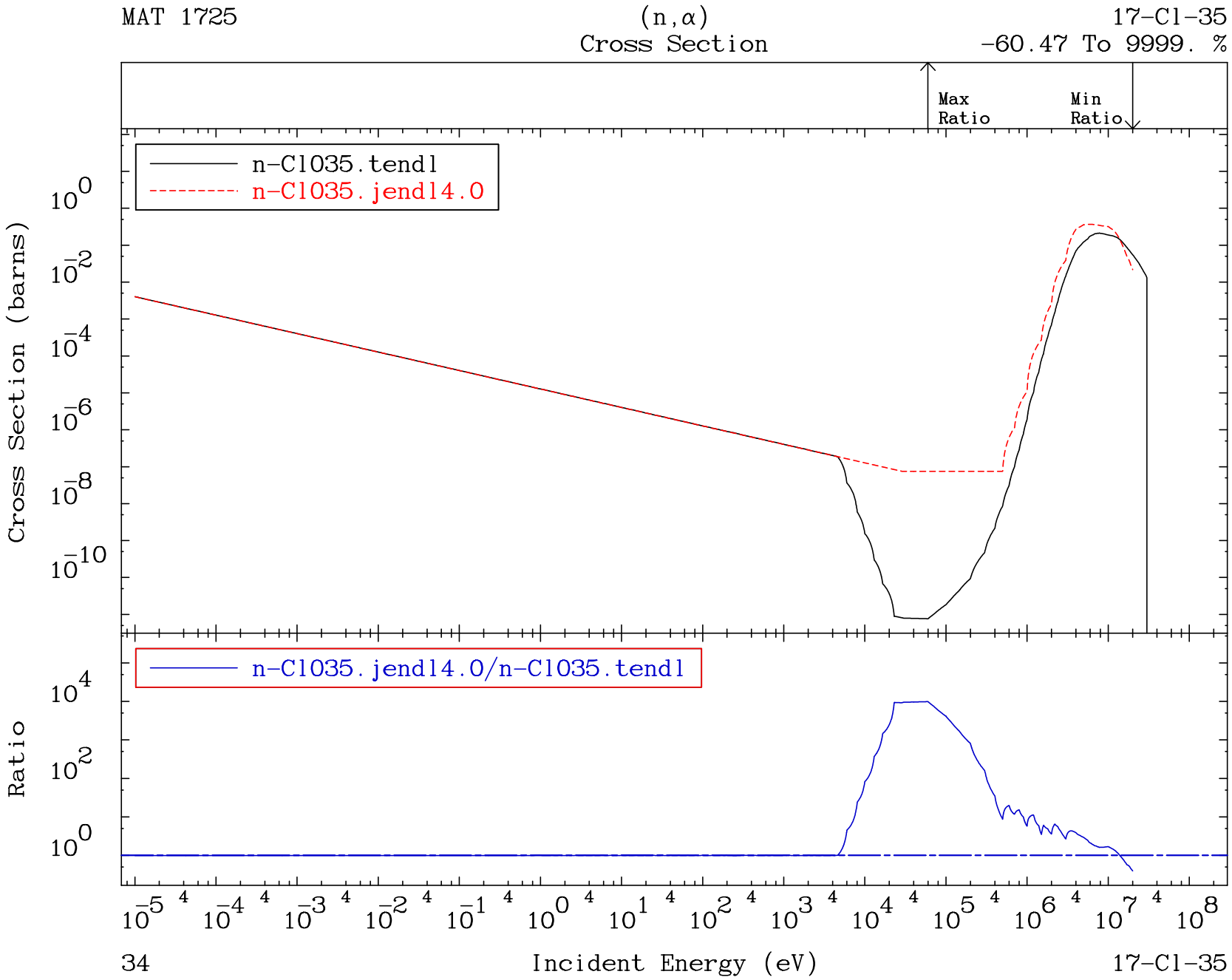

MAT 1725
(n,γ)
Cross Section
17-Cl-35
-78.47 To 78.57 %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
10^4
10^2
10^0
10^-2
10^-4
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.8
1.2
0.6
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
29
Incident Energy (eV)
17-Cl-35

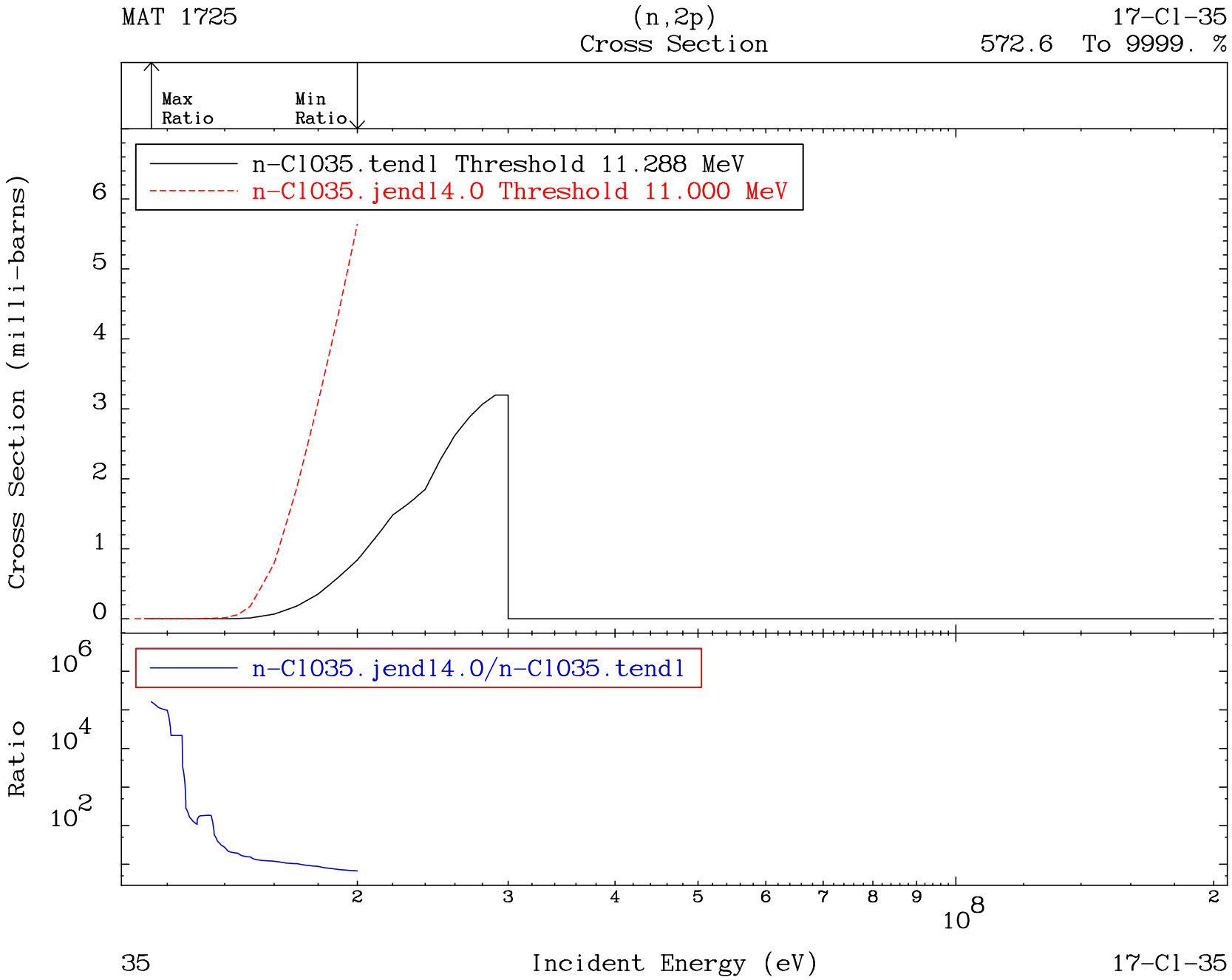

MAT 1725
(n,p)
Cross Section
17-Cl-35
-99.90 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
30
17-Cl-35

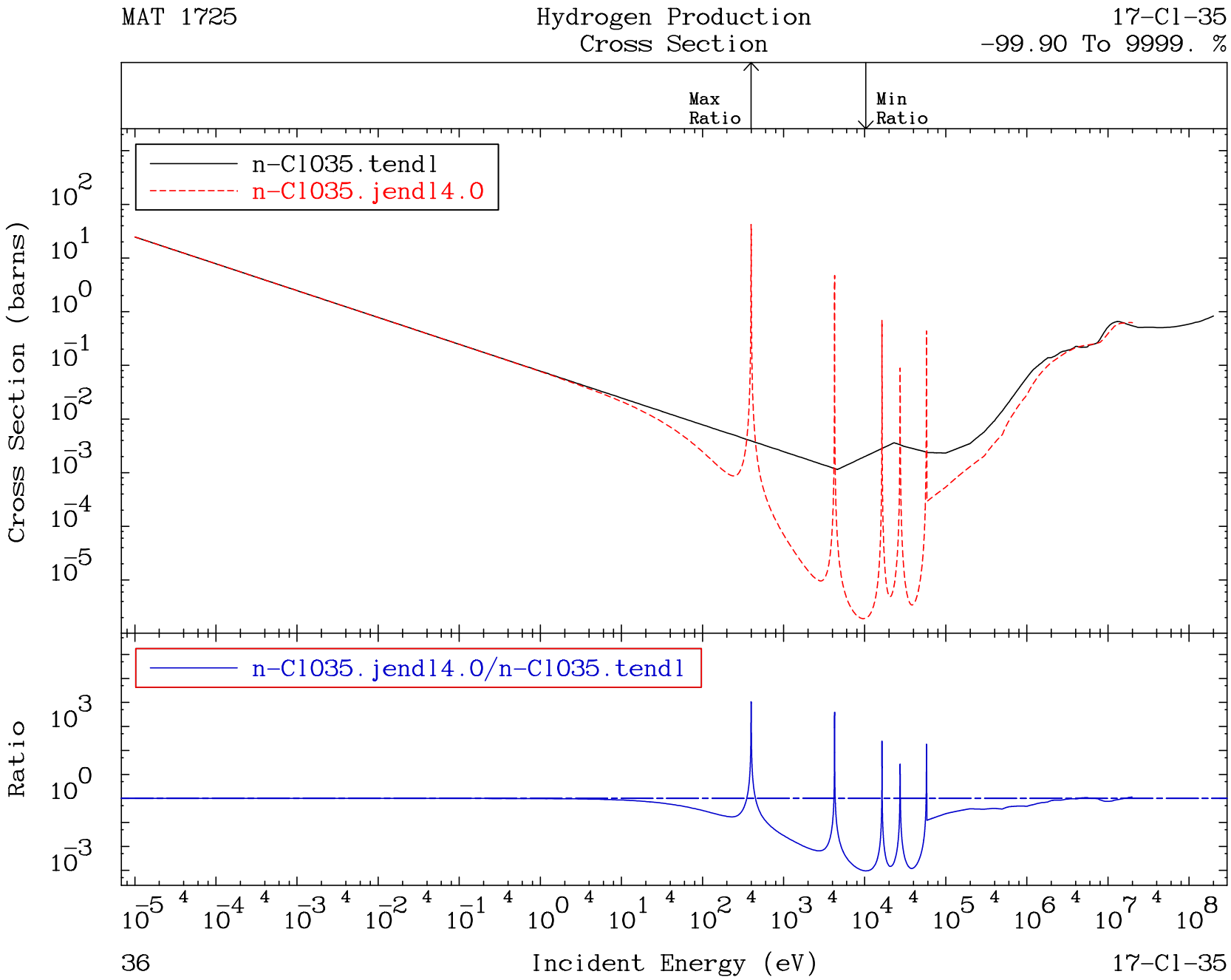

MAT 1725
(n,d)
Cross Section
17-Cl-35
-91.40 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 4.2658 MeV
n-Cl035.jendl4.0 Threshold 4.2681 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^4
10^2
10^0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
31
Incident Energy (eV)
17-Cl-35

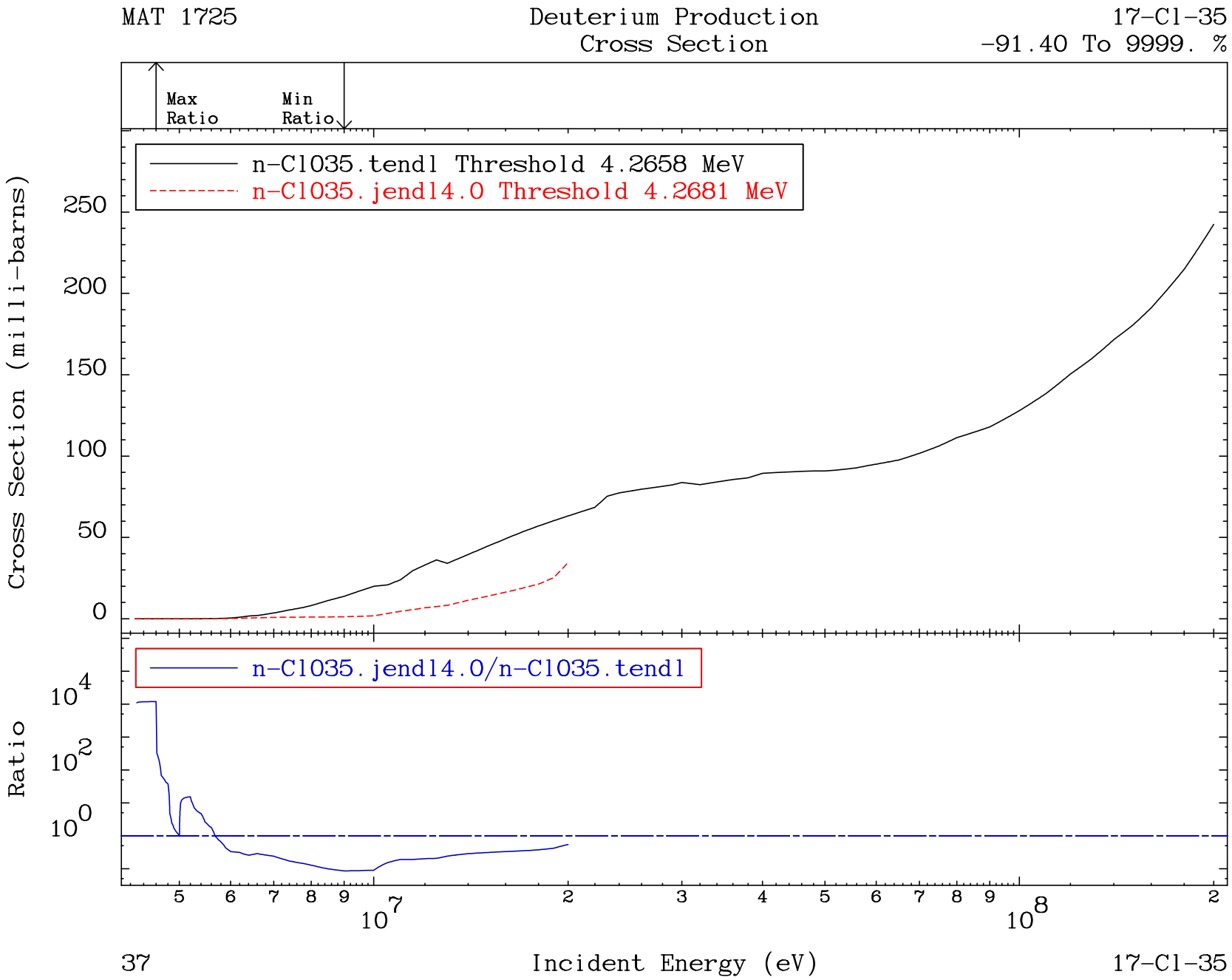

MAT 1725
(n,t)
Cross Section
17-Cl-35
5.276 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 9.4876 MeV
n-Cl035.jendl4.0 Threshold 9.5741 MeV
Cross Section (milli-barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
32
17-Cl-35

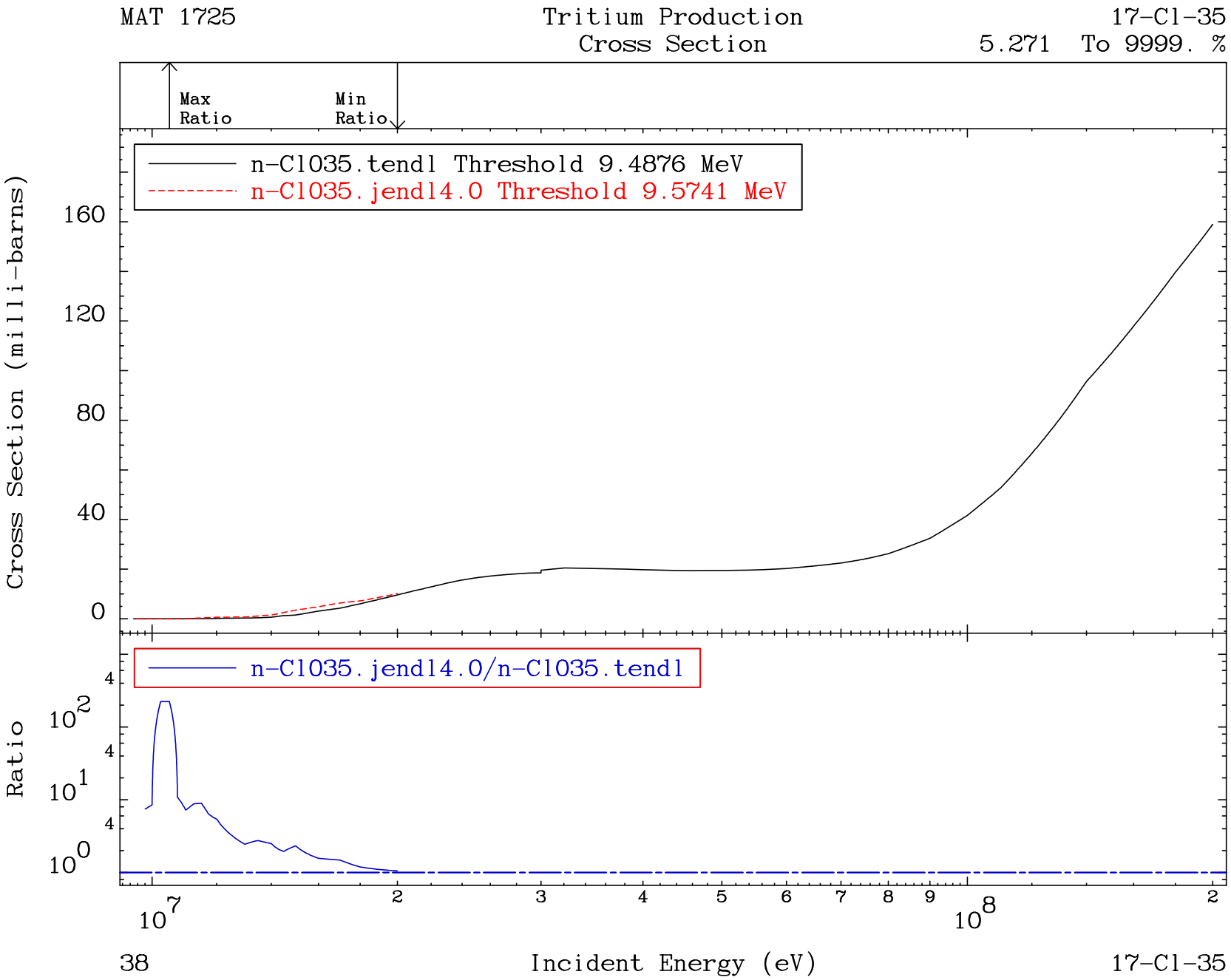

MAT 1725
(n,He-3)
Cross Section
17-Cl-35
-89.85 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 9.8111 MeV
n-Cl035.jendl4.0 Threshold 10.000 MeV
Cross Section (milli-barns)
16
14
12
10
8
6
4
2
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^9
10^6
10^3
10^0
10^7
2
3
4
5
6
7
8
9
10^8
2
33
Incident Energy (eV)
17-Cl-35

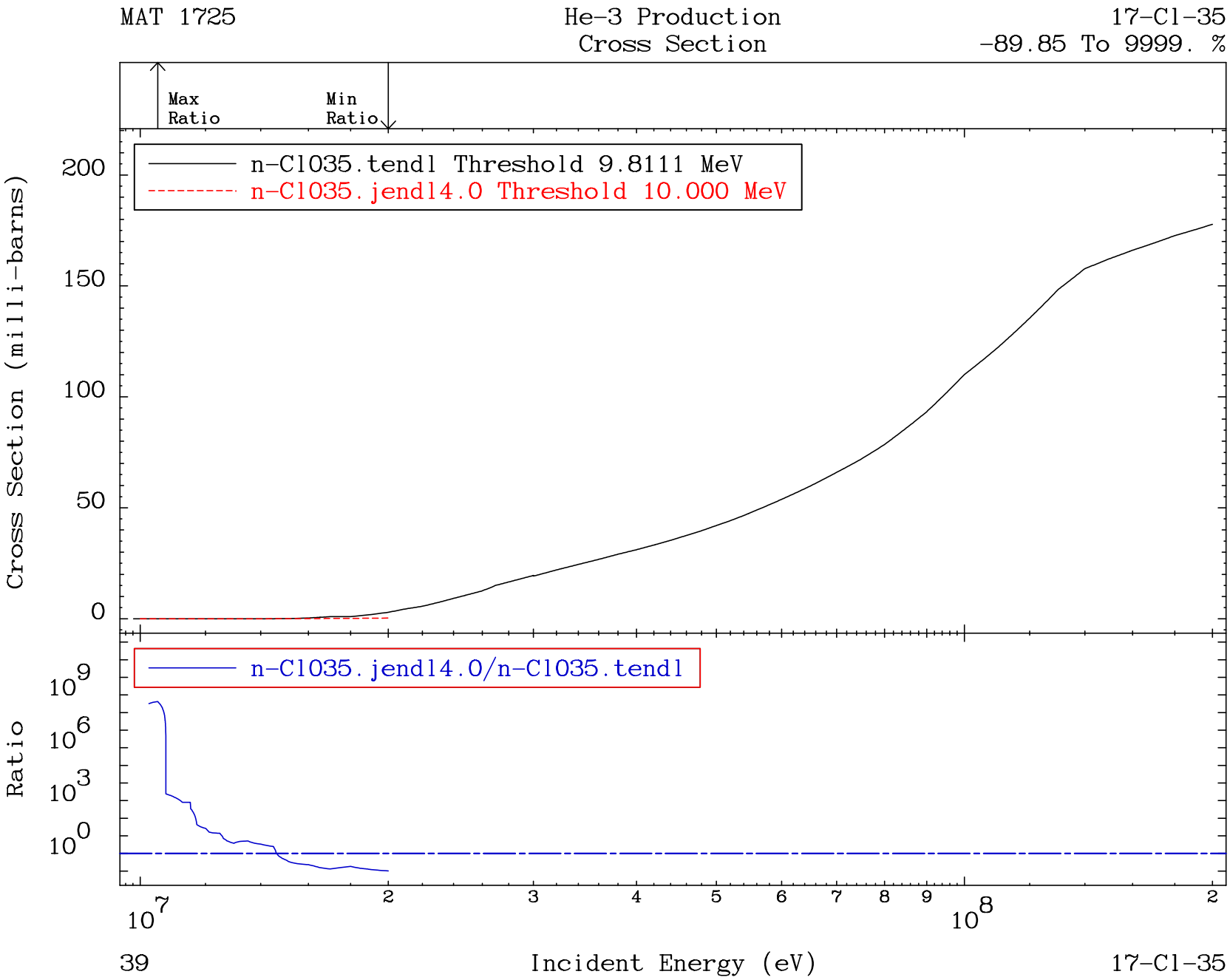

MAT 1725
(n,α)
Cross Section
17-Cl-35
-60.47 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
34
17-Cl-35

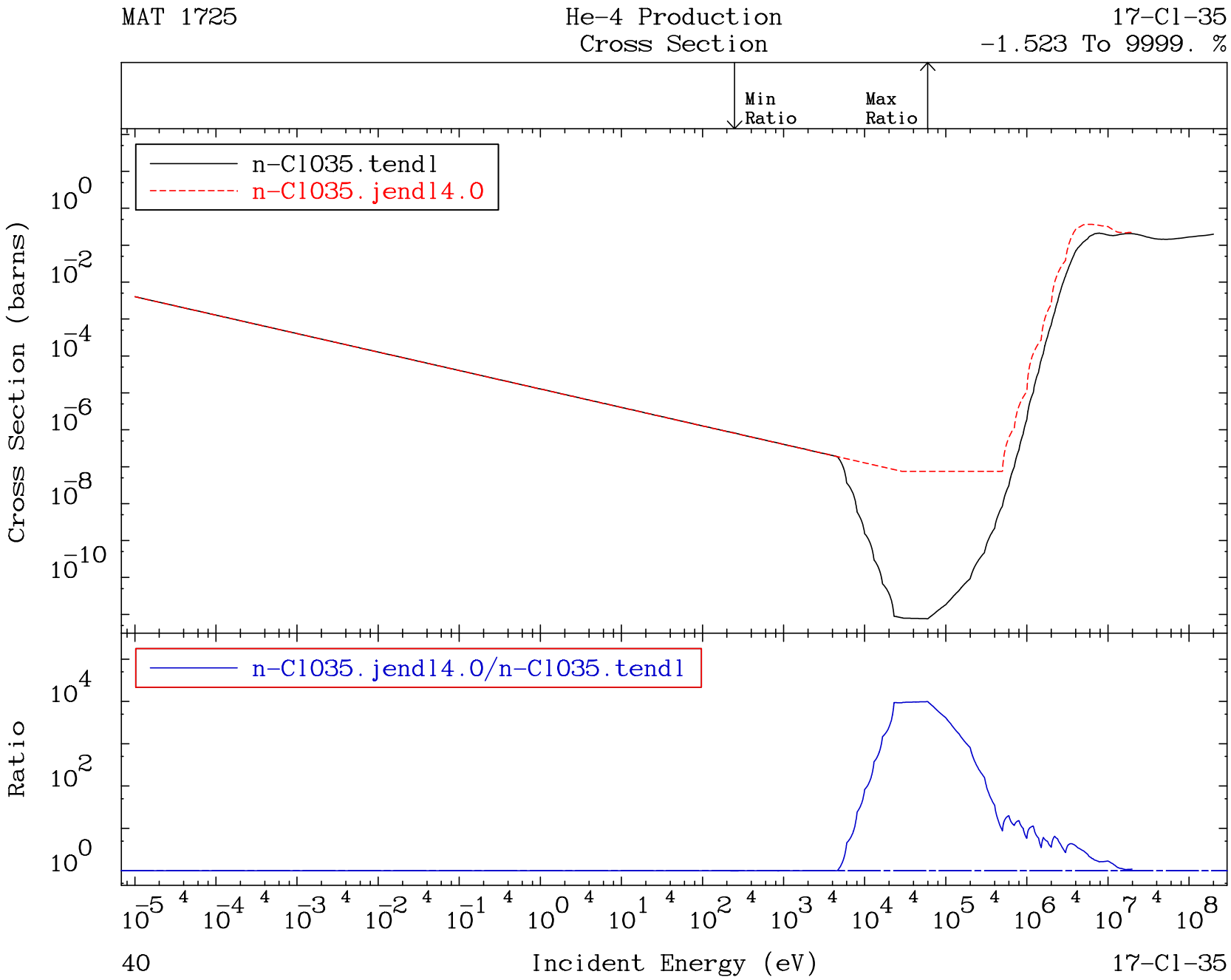

MAT 1725
(n,2p)
Cross Section
17-Cl-35
572.6 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 11.288 MeV
n-Cl035.jendl4.0 Threshold 11.000 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^6
10^4
10^2
2
3
4
5
6
7
8
9
10^8
2
35
Incident Energy (eV)
17-Cl-35

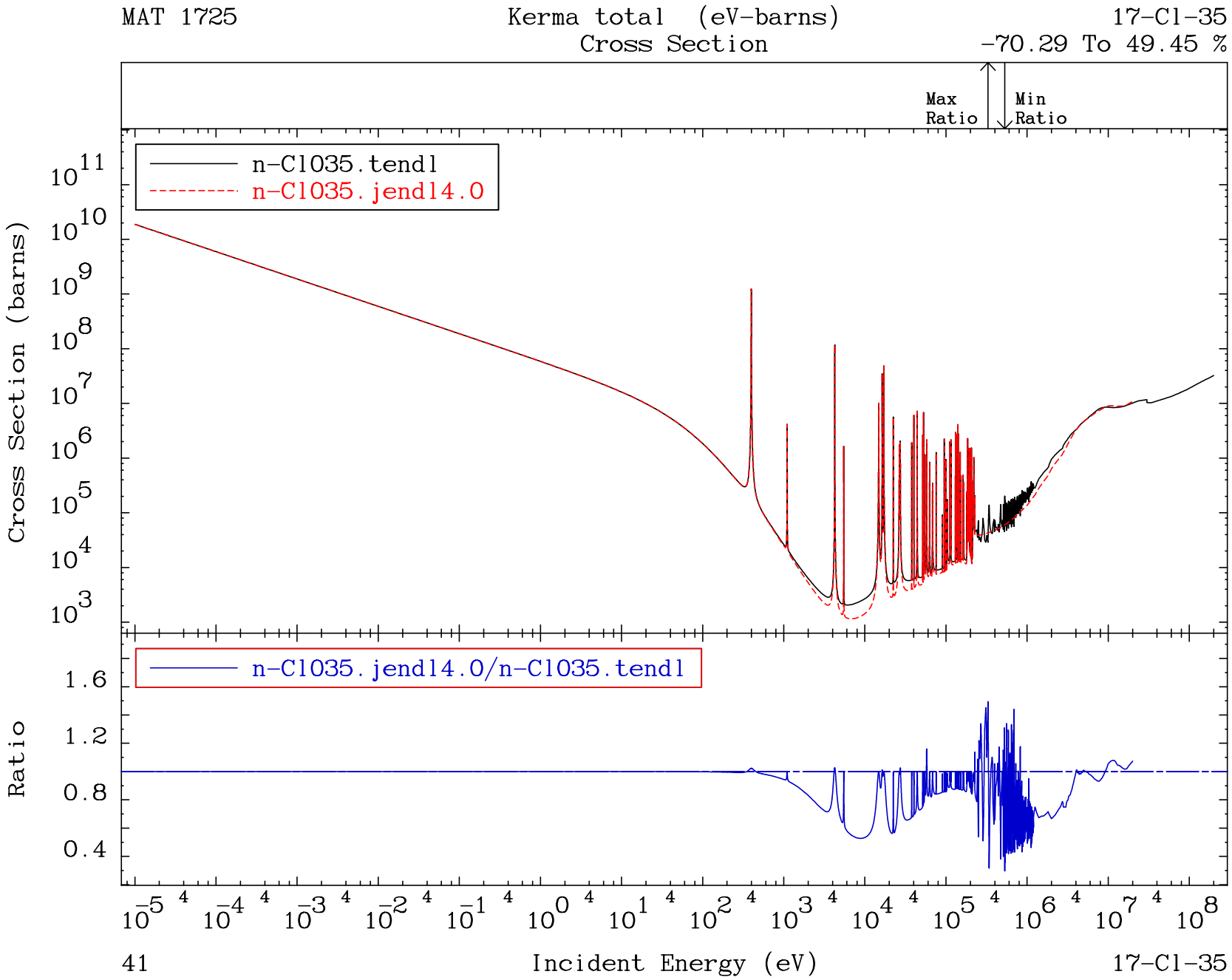

MAT 1725
Hydrogen Production
Cross Section
17-Cl-35
-99.90 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
36
17-Cl-35

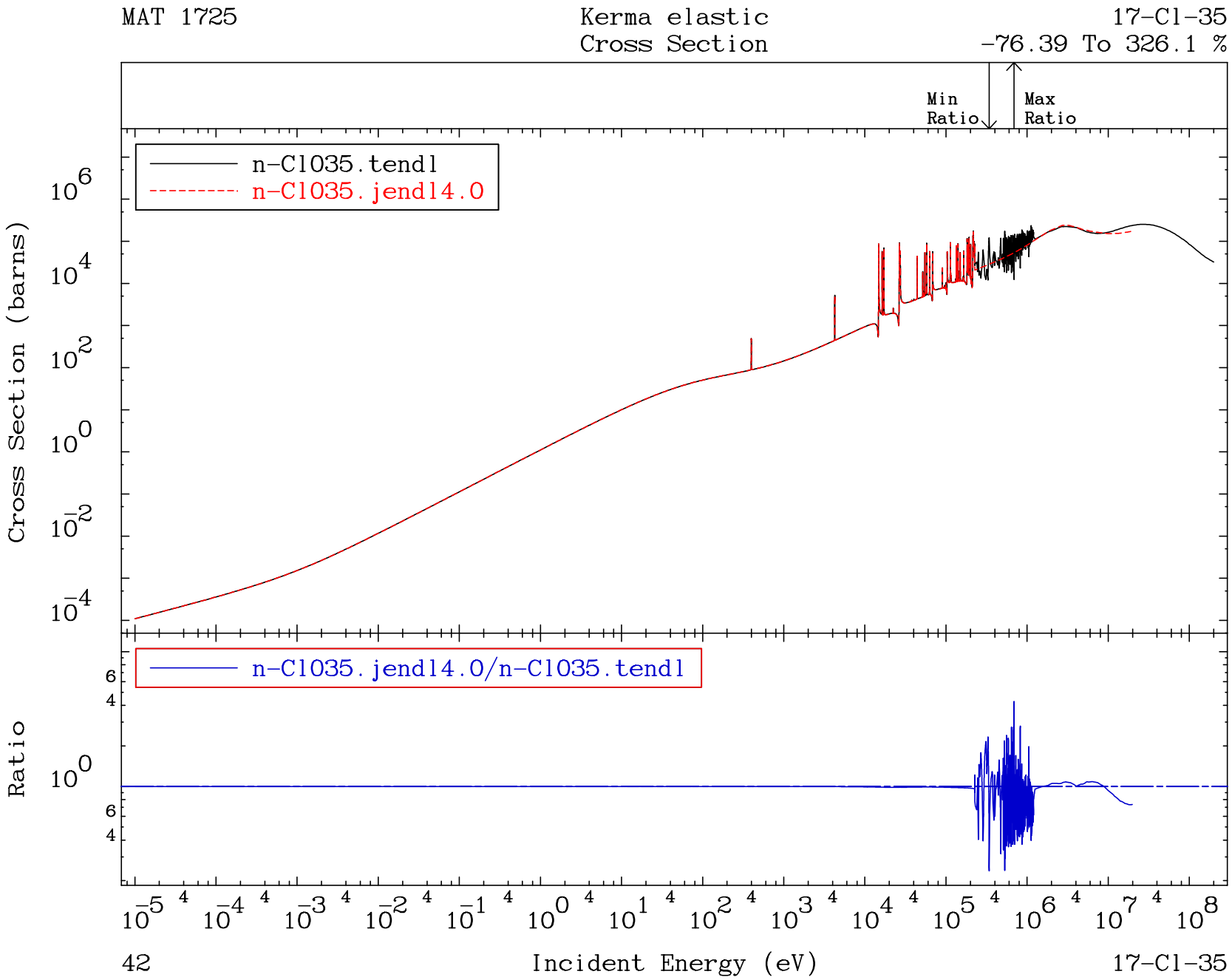

MAT 1725
Deuterium Production
Cross Section
17-Cl-35
-91.40 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 4.2658 MeV
n-Cl035.jendl4.0 Threshold 4.2681 MeV
Cross Section (milli-barns)
0
50
100
150
200
250
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^4
10^2
10^0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
37
Incident Energy (eV)
17-Cl-35

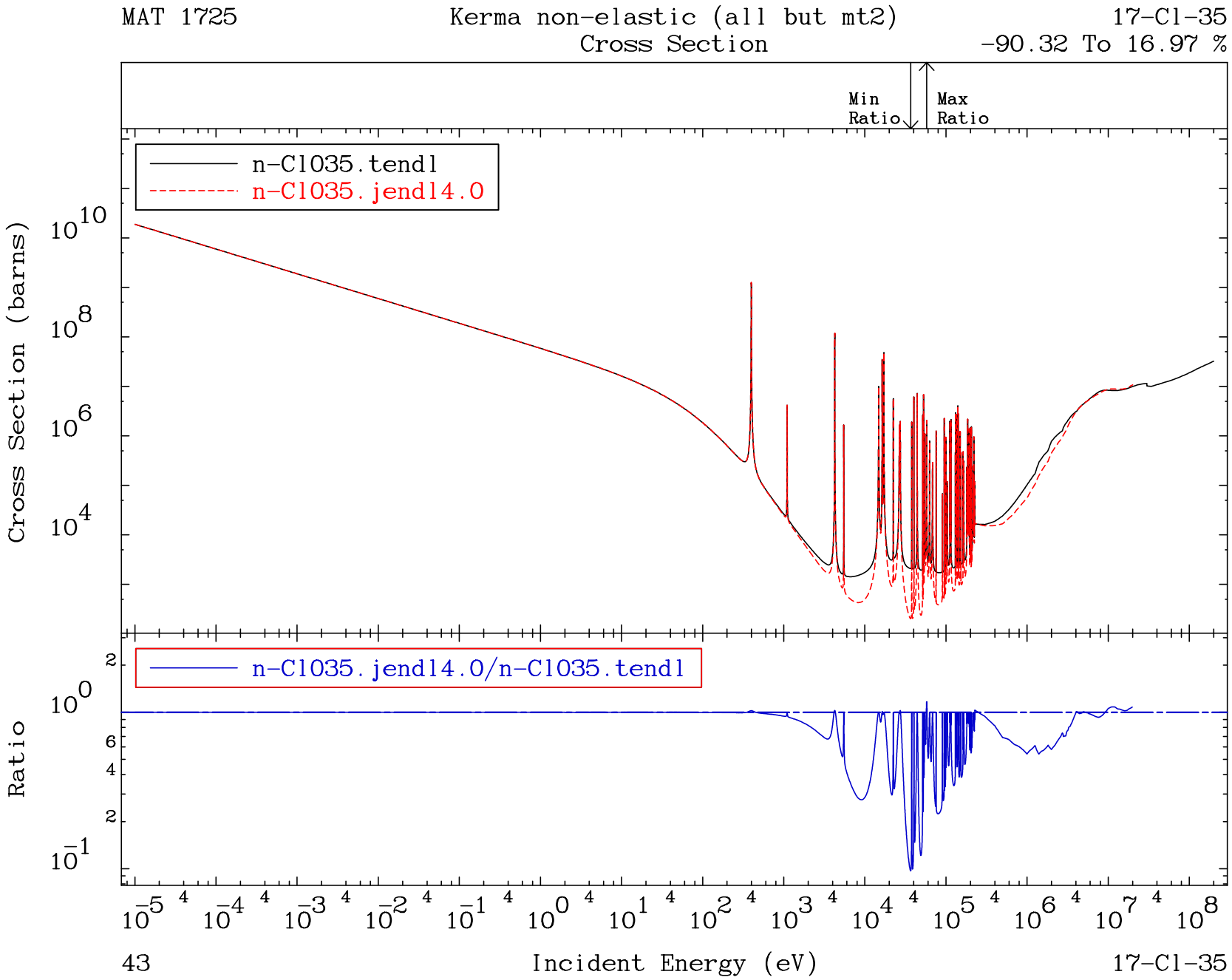

MAT 1725
Tritium Production
Cross Section
17-Cl-35
5.271 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 9.4876 MeV
n-Cl035.jendl4.0 Threshold 9.5741 MeV
Cross Section (milli-barns)
160
120
80
40
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^2
10^1
10^0
10^7
10^8
2 3 4 5 6 7 8 9 2
38
Incident Energy (eV)
17-Cl-35

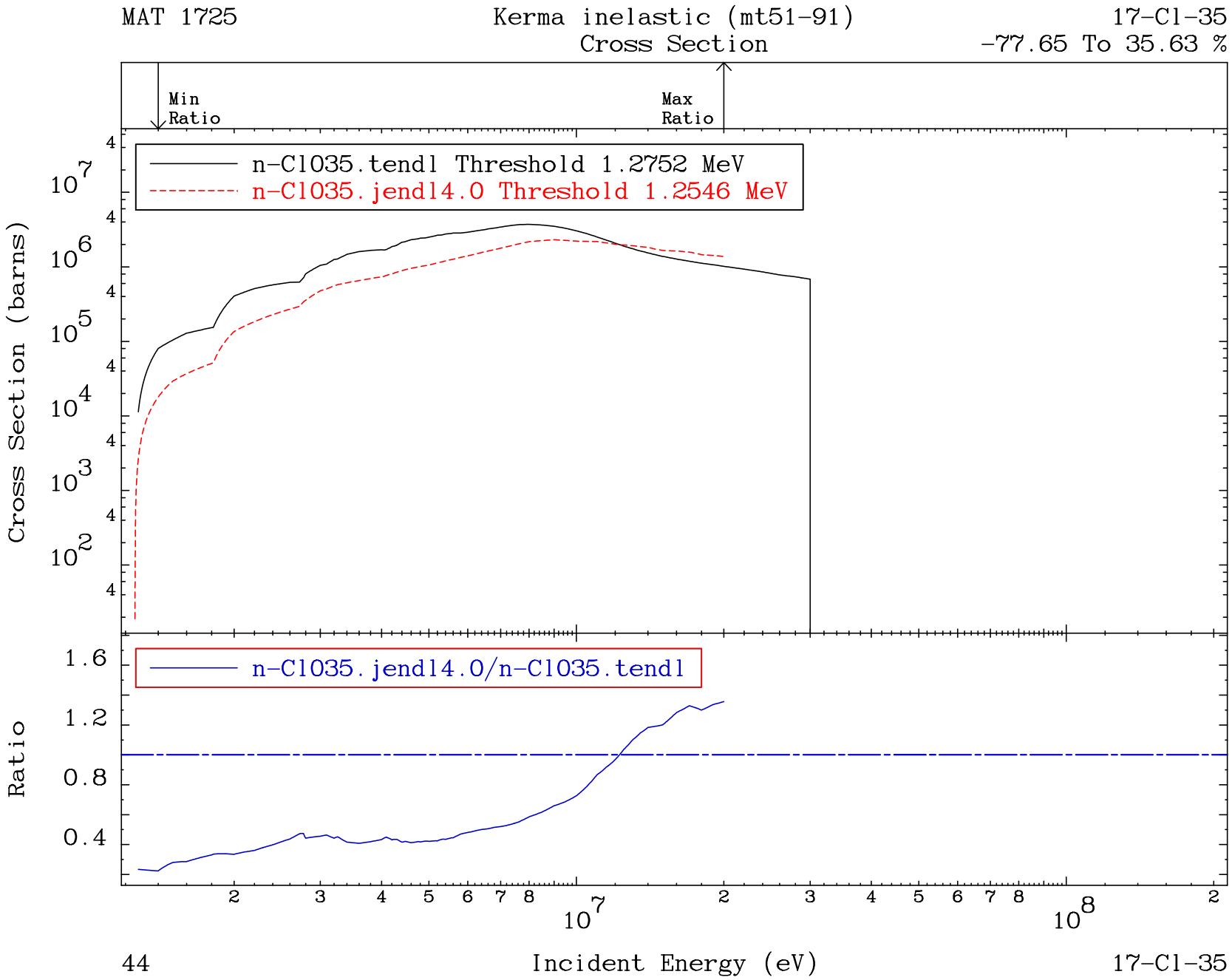

MAT 1725
He-3 Production
Cross Section
17-Cl-35
-89.85 To 9999. %
Max Ratio
Min Ratio
n-Cl035.tendl Threshold 9.8111 MeV
n-Cl035.jendl4.0 Threshold 10.000 MeV
Cross Section (milli-barns)
200
150
100
50
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
10^9
10^6
10^3
10^0
10^7
2
3
4
5
6
7
8
9
10^8
2
39
Incident Energy (eV)
17-Cl-35

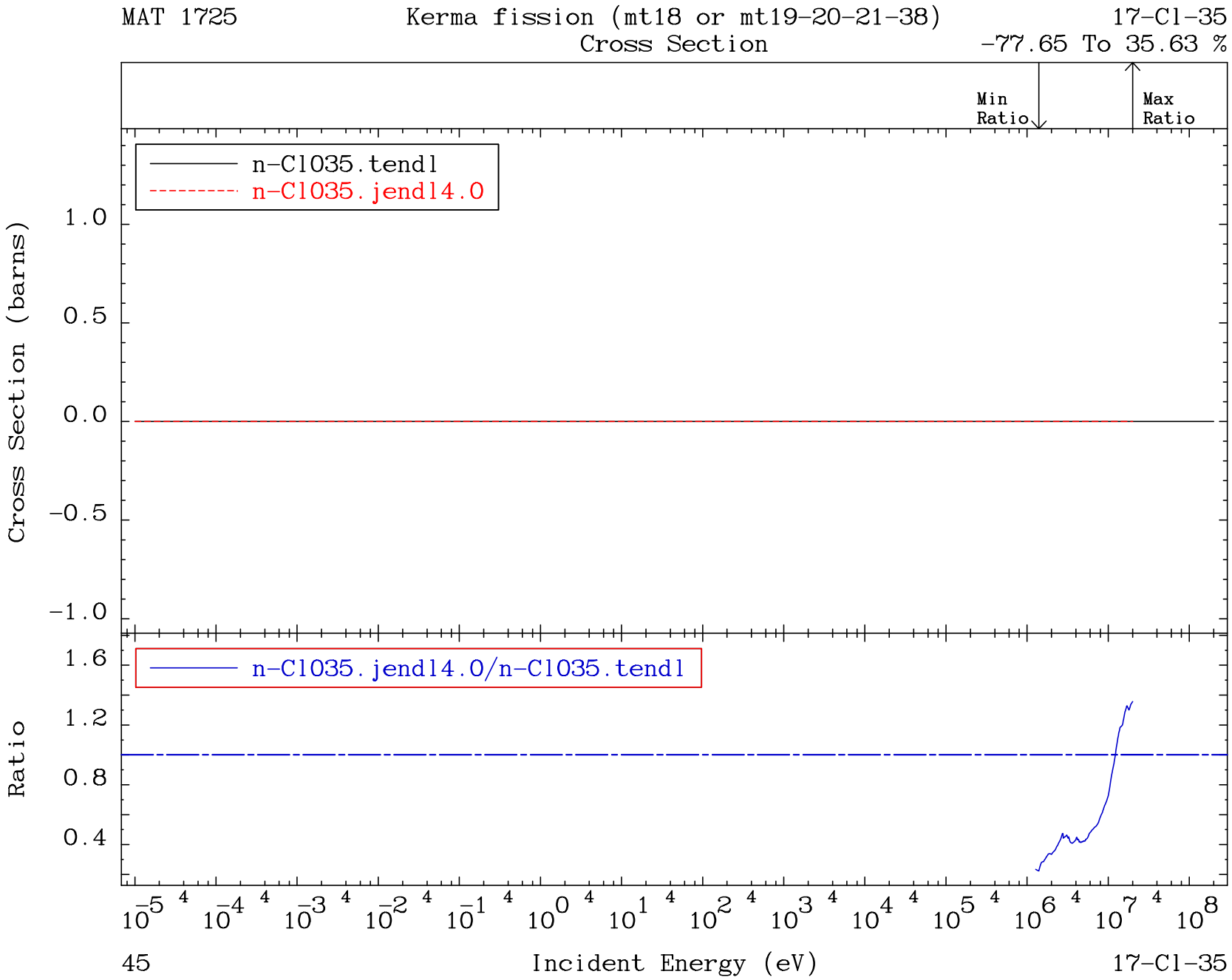

MAT 1725
He-4 Production
Cross Section
17-Cl-35
-1.523 To 9999. %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
40
17-Cl-35

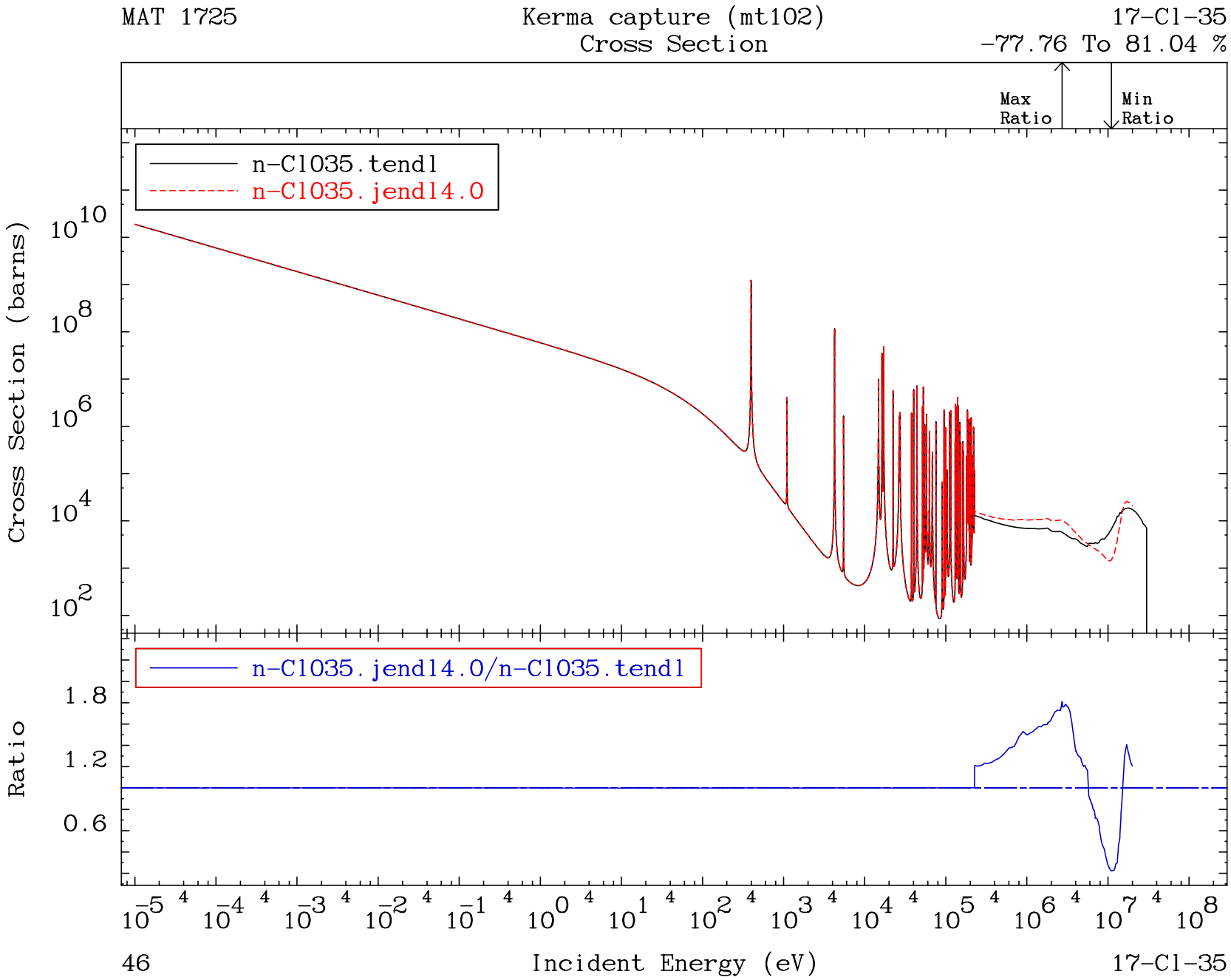

MAT 1725
Kerma total (eV-barns)
Cross Section
17-Cl-35
-70.29 To 49.45 %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
41
17-Cl-35

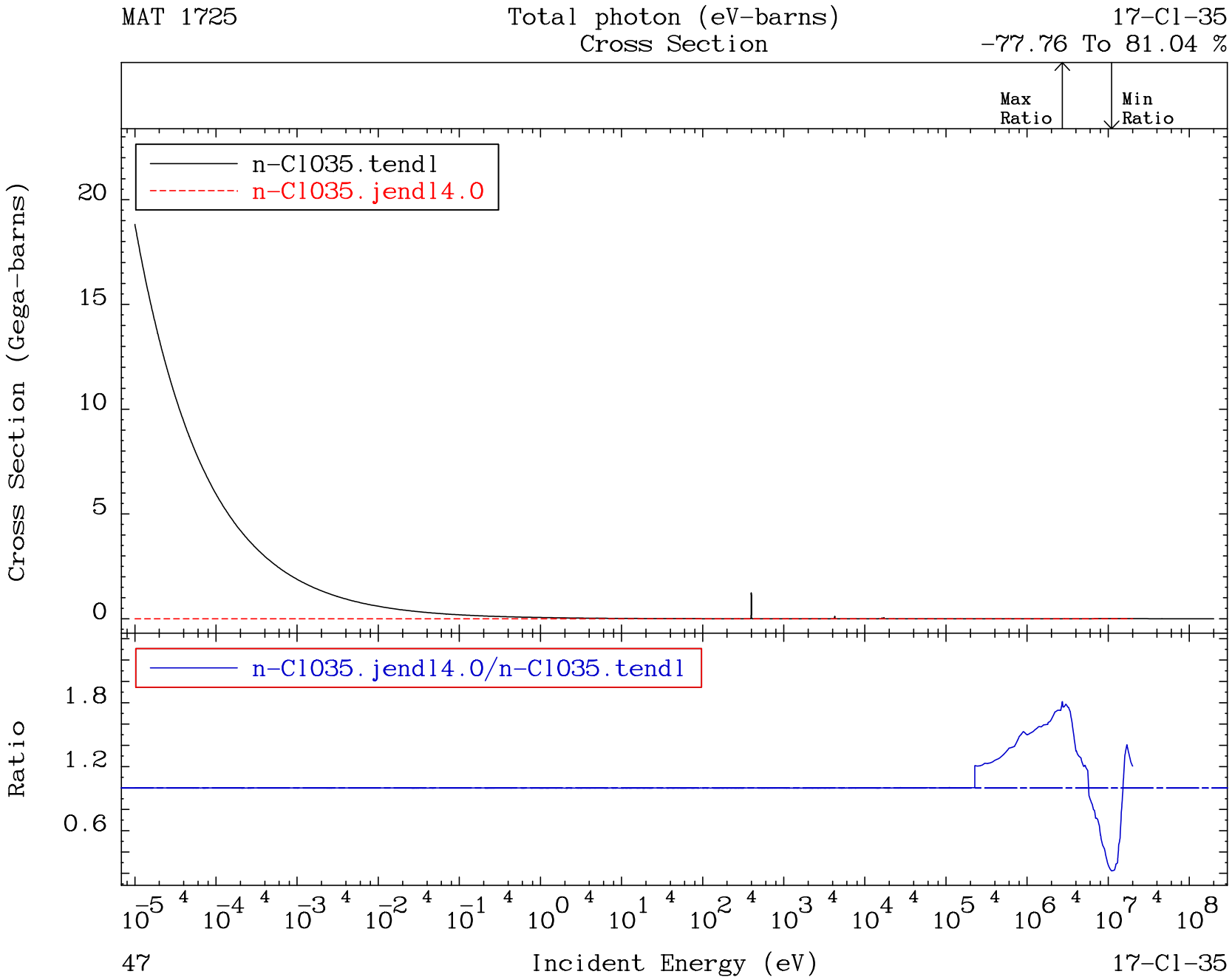

MAT 1725
Kerma elastic
Cross Section
17-Cl-35
-76.39 To 326.1 %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
42
17-Cl-35

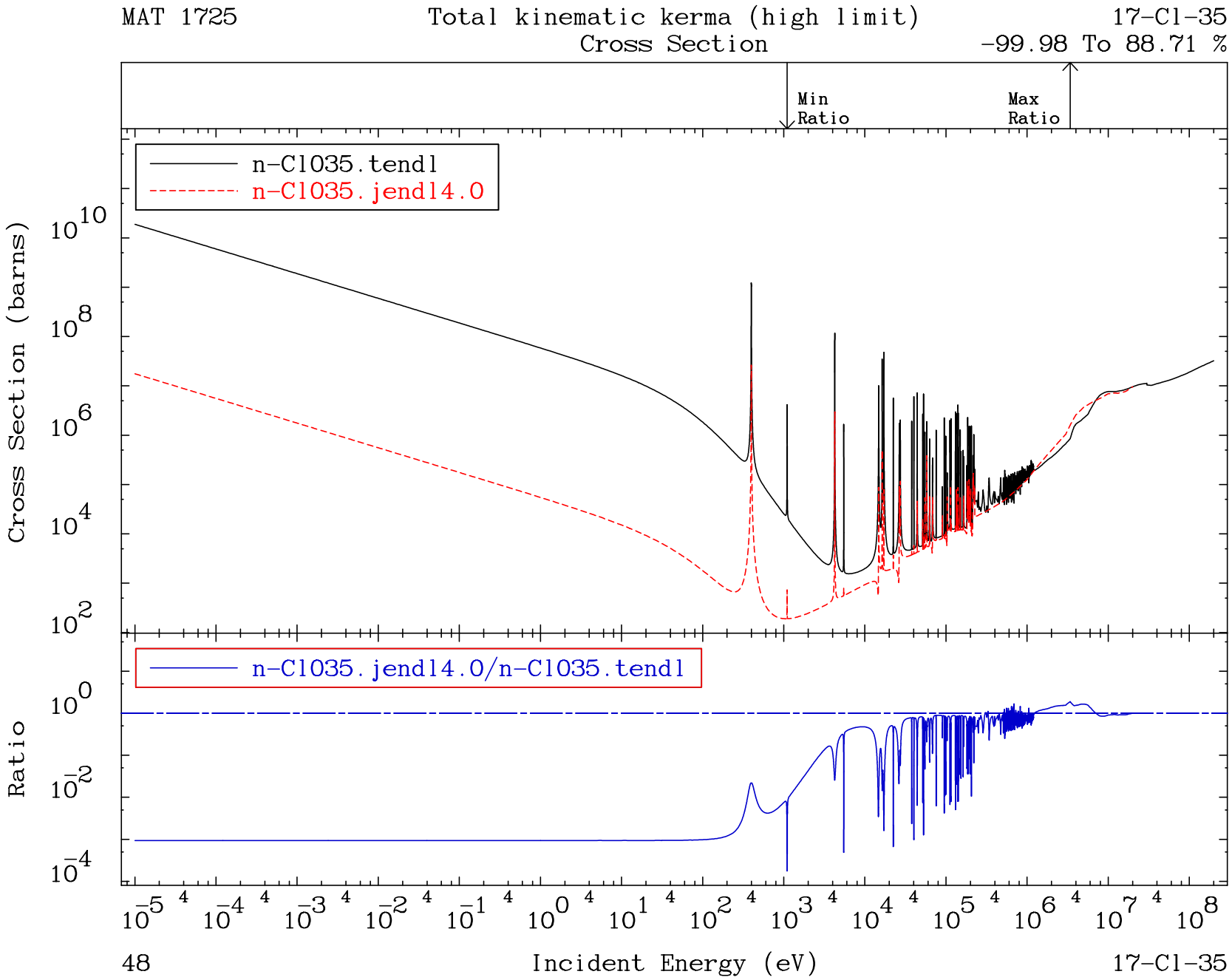

MAT 1725
Kerma non-elastic (all but mt2)
Cross Section
17-Cl-35
-90.32 To 16.97 %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
43
17-Cl-35

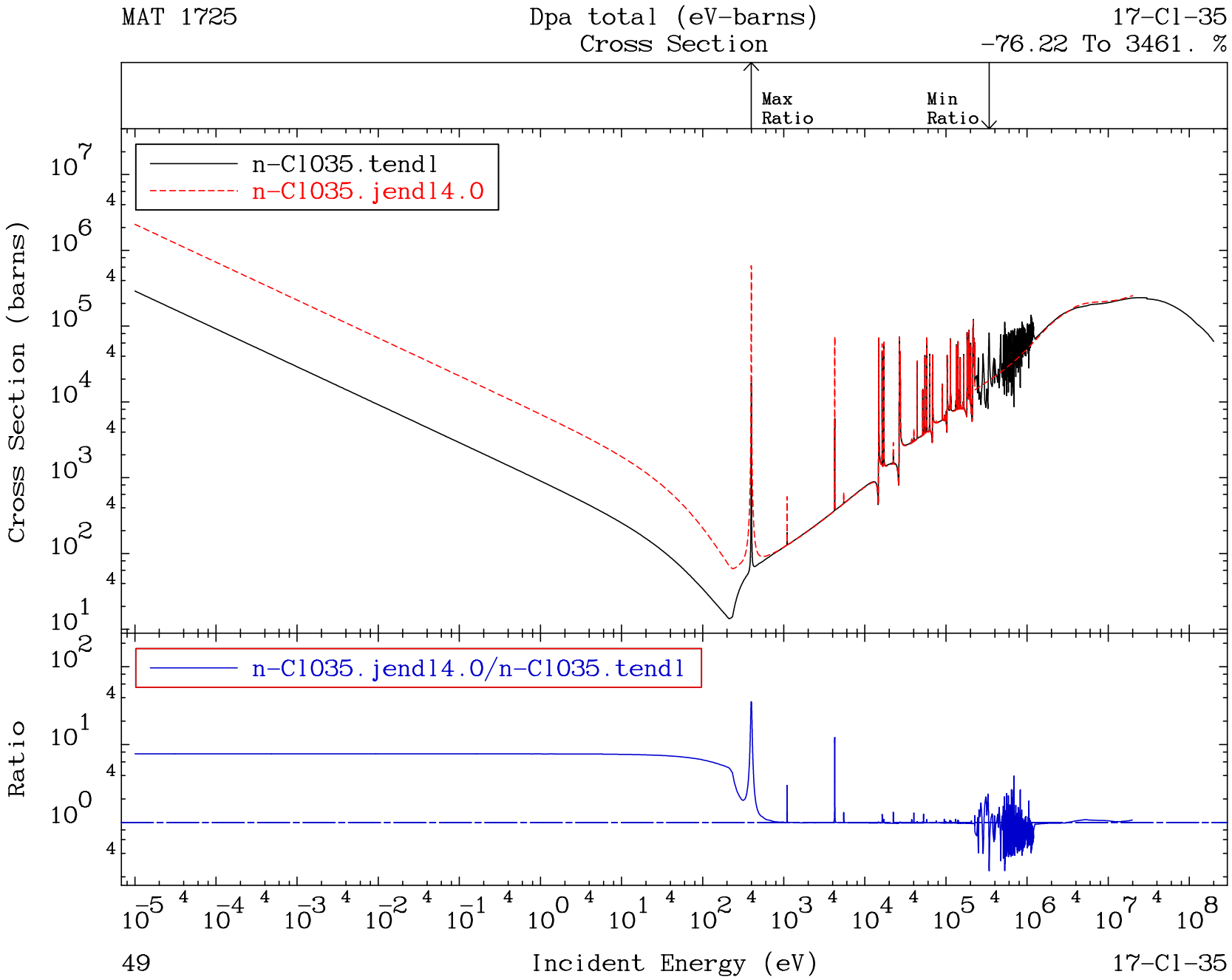

MAT 1725
Kerma inelastic (mt51-91)
Cross Section
17-Cl-35
-77.65 To 35.63 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 1.2752 MeV
n-Cl035.jendl4.0 Threshold 1.2546 MeV
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
44
17-Cl-35

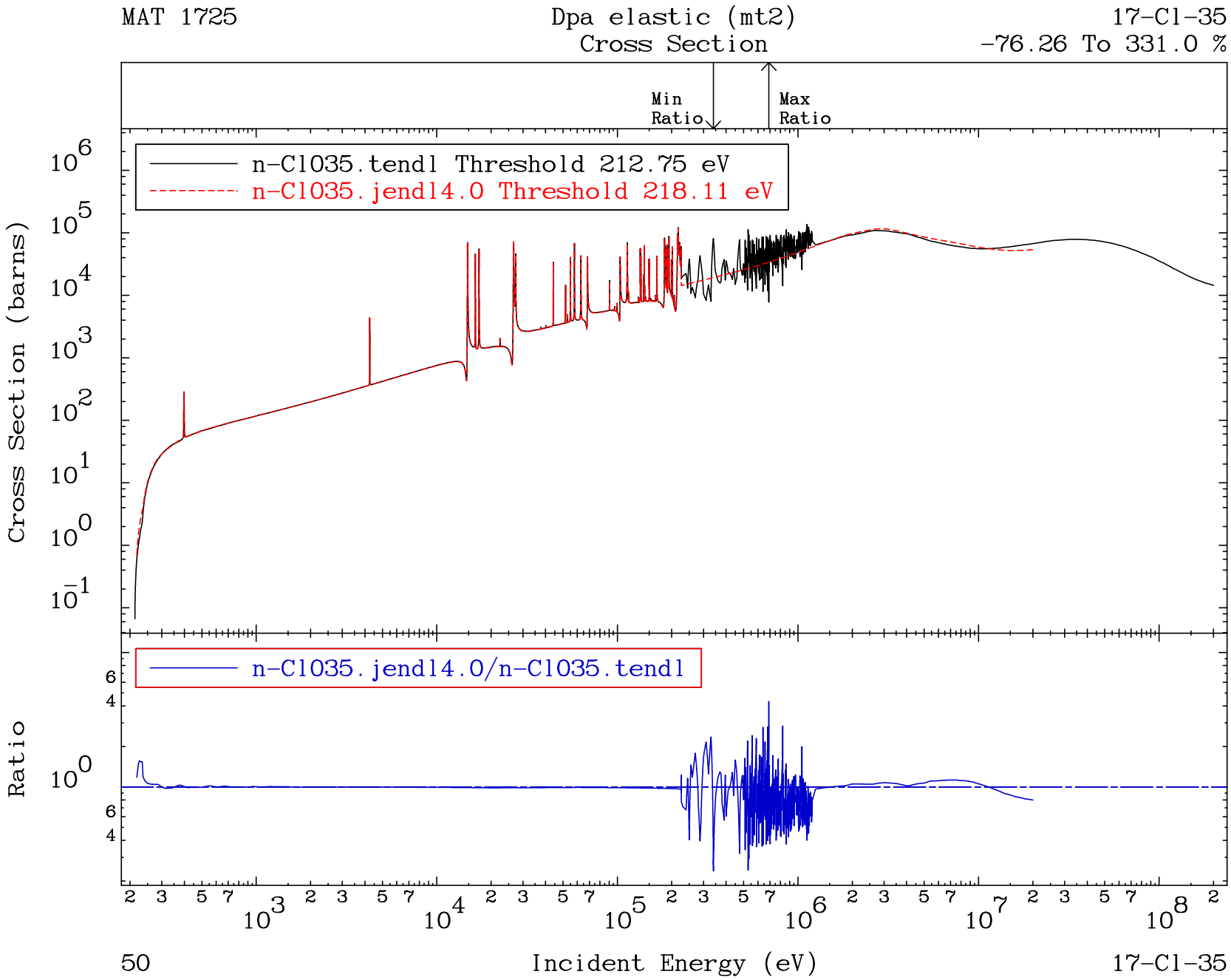

MAT 1725
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
17-Cl-35
-77.65 To 35.63 %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.6
1.2
0.8
0.4
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
45
Incident Energy (eV)
17-Cl-35

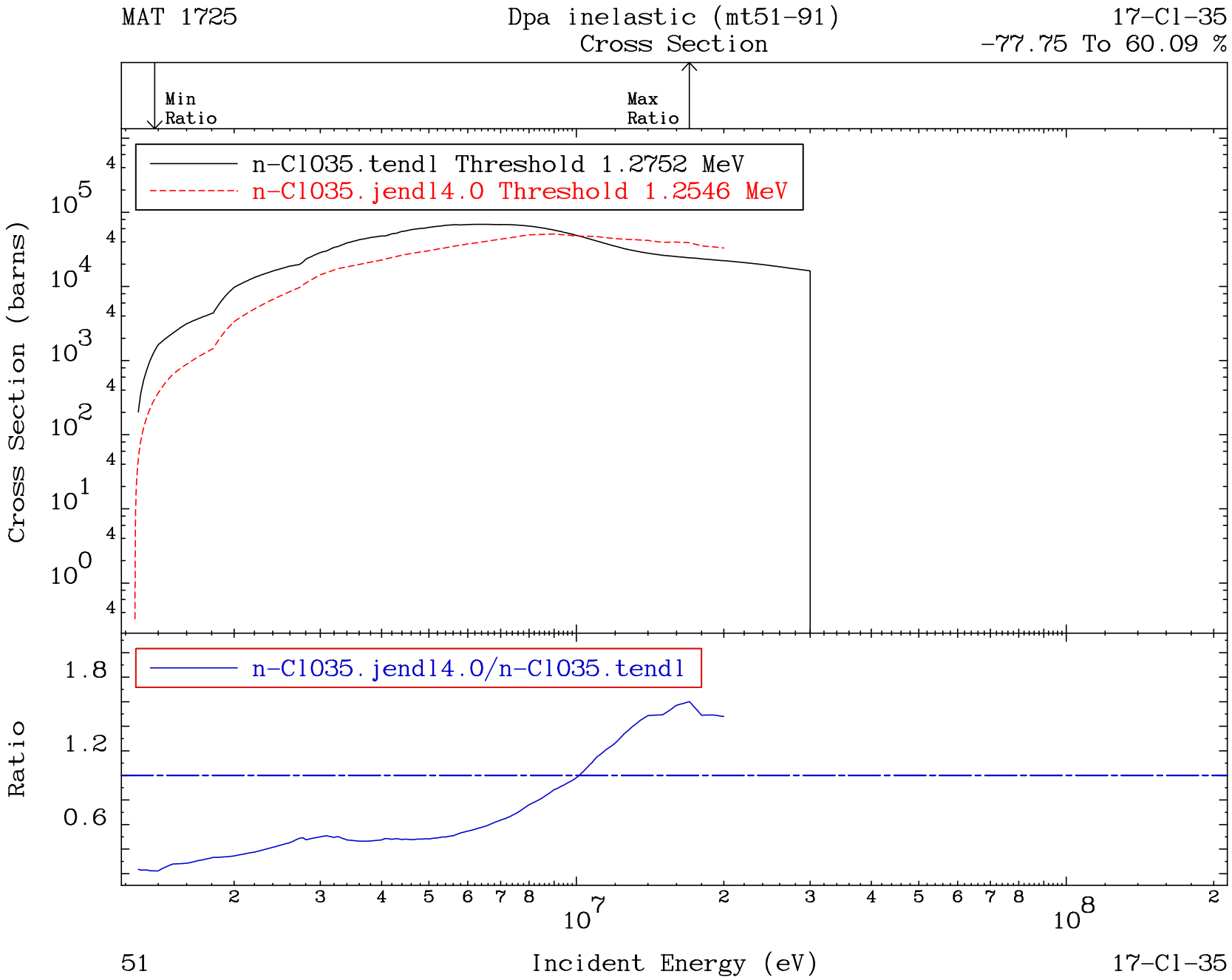

MAT 1725
Kerma capture (mt102)
Cross Section
17-Cl-35
-77.76 To 81.04 %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
10^10
10^8
10^6
10^4
10^2
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.8
1.2
0.6
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
46
Incident Energy (eV)
17-Cl-35

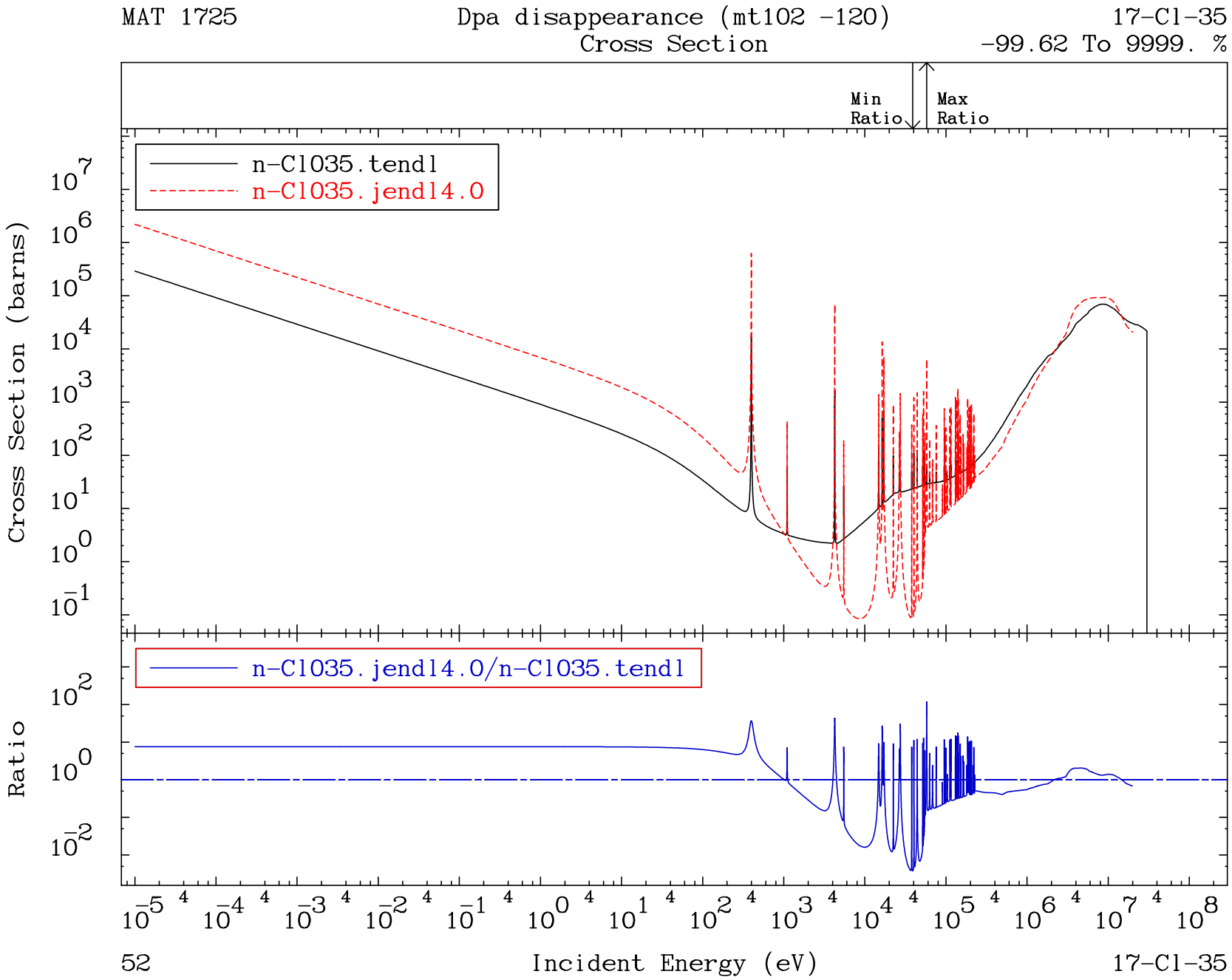

MAT 1725
Total photon (eV-barns)
Cross Section
17-Cl-35
-77.76 To 81.04 %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (Giga-barns)
20
15
10
5
0
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
1.8
1.2
0.6
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
47
Incident Energy (eV)
17-Cl-35


MAT 1725
Total kinematic kerma (high limit)
Cross Section
17-Cl-35
-99.98 To 88.71 %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
48
Incident Energy (eV)
17-Cl-35


MAT 1725
Dpa total (eV-barns)
Cross Section
17-Cl-35
-76.22 To 3461. %
Max Ratio
Min Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
49
Incident Energy (eV)
17-Cl-35


MAT 1725
Dpa elastic (mt2)
Cross Section
17-Cl-35
-76.26 To 331.0 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 212.75 eV
n-Cl035.jendl4.0 Threshold 218.11 eV
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
50
17-Cl-35


MAT 1725
Dpa inelastic (mt51-91)
Cross Section
17-Cl-35
-77.75 To 60.09 %
Min Ratio
Max Ratio
n-Cl035.tendl Threshold 1.2752 MeV
n-Cl035.jendl4.0 Threshold 1.2546 MeV
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
51
17-Cl-35


MAT 1725
Dpa disappearance (mt102 -120)
Cross Section
17-Cl-35
-99.62 To 9999. %
Min Ratio
Max Ratio
n-Cl035.tendl
n-Cl035.jendl4.0
Cross Section (barns)
n-Cl035.jendl4.0/n-Cl035.tendl
Ratio
Incident Energy (eV)
52
17-Cl-35