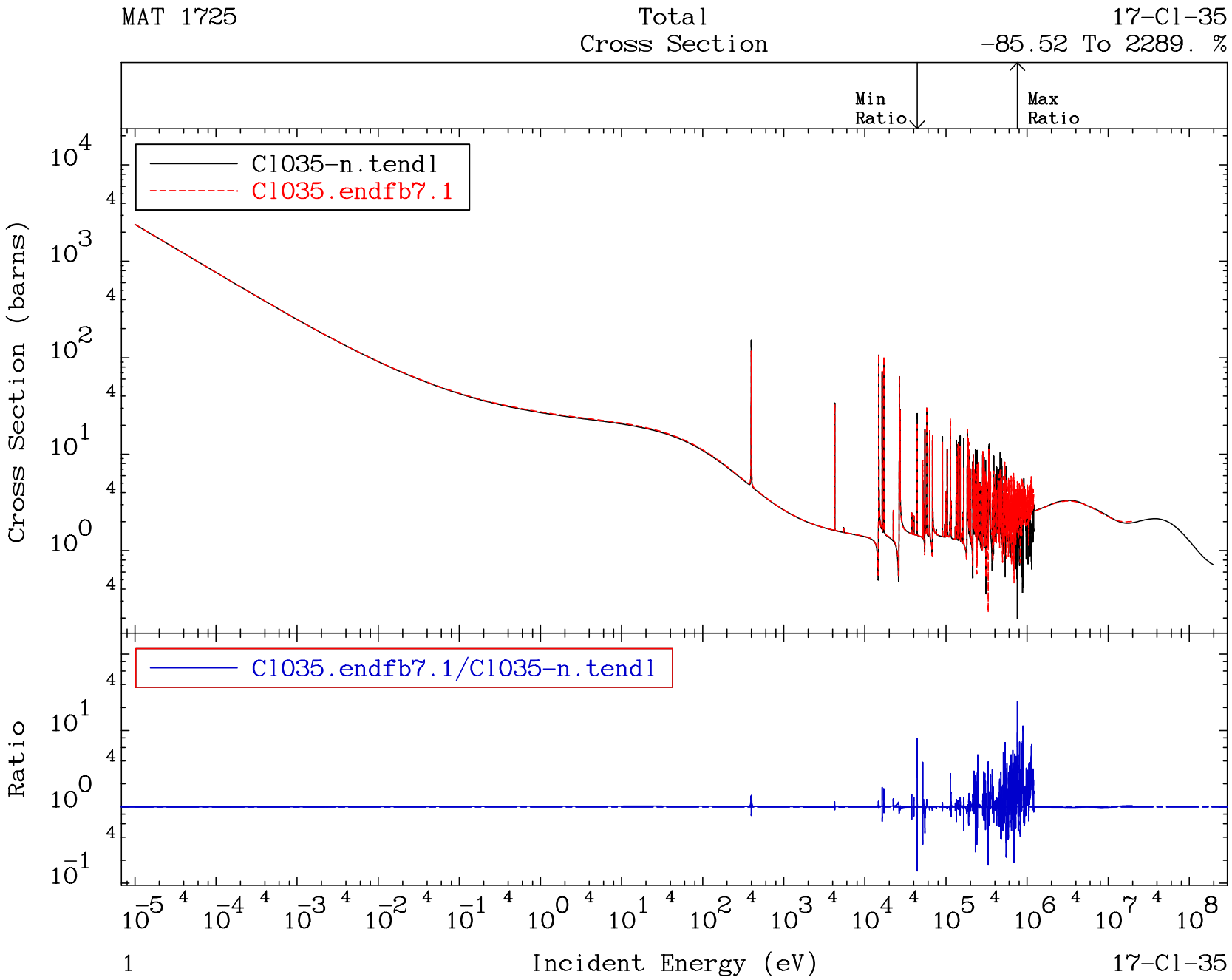
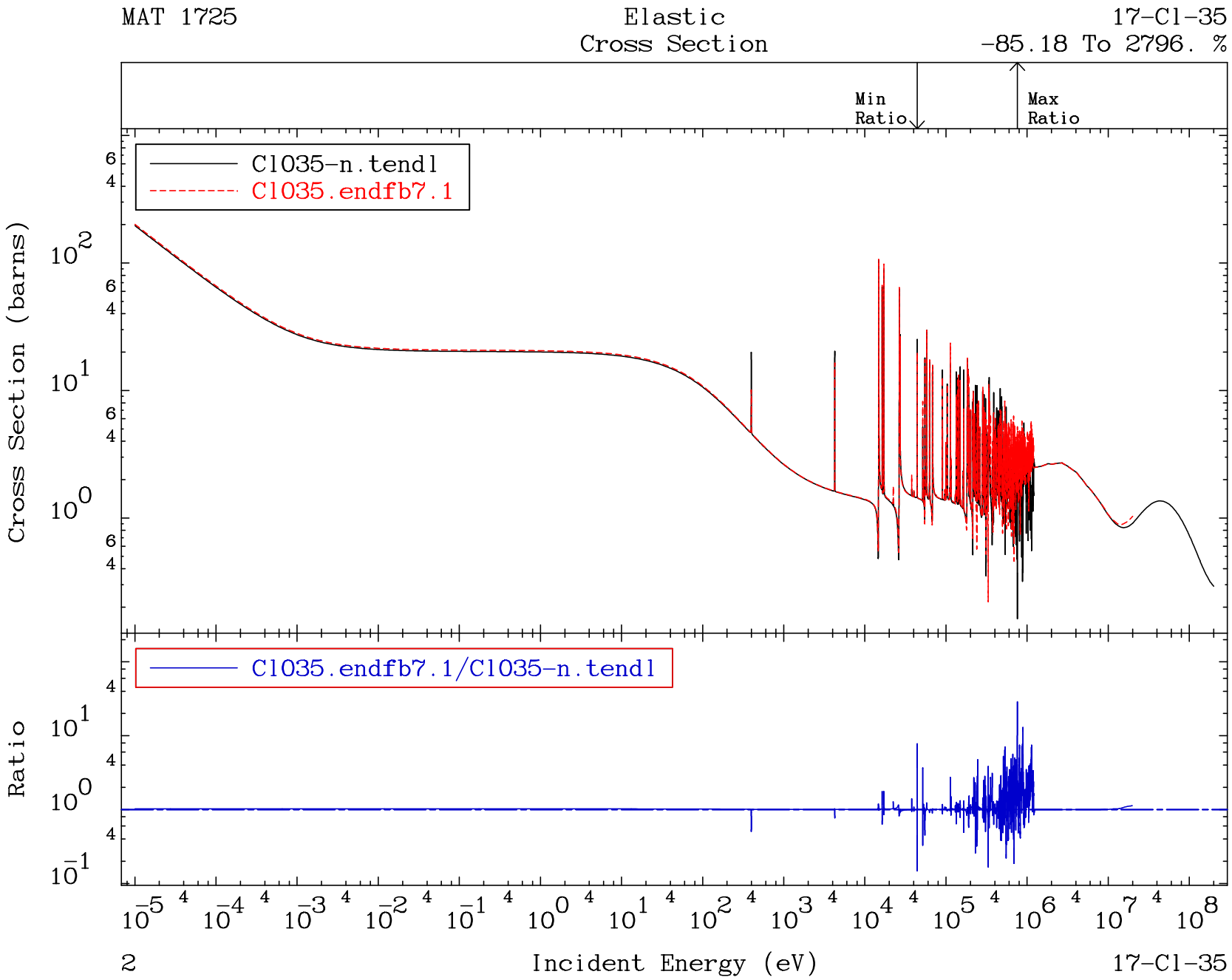
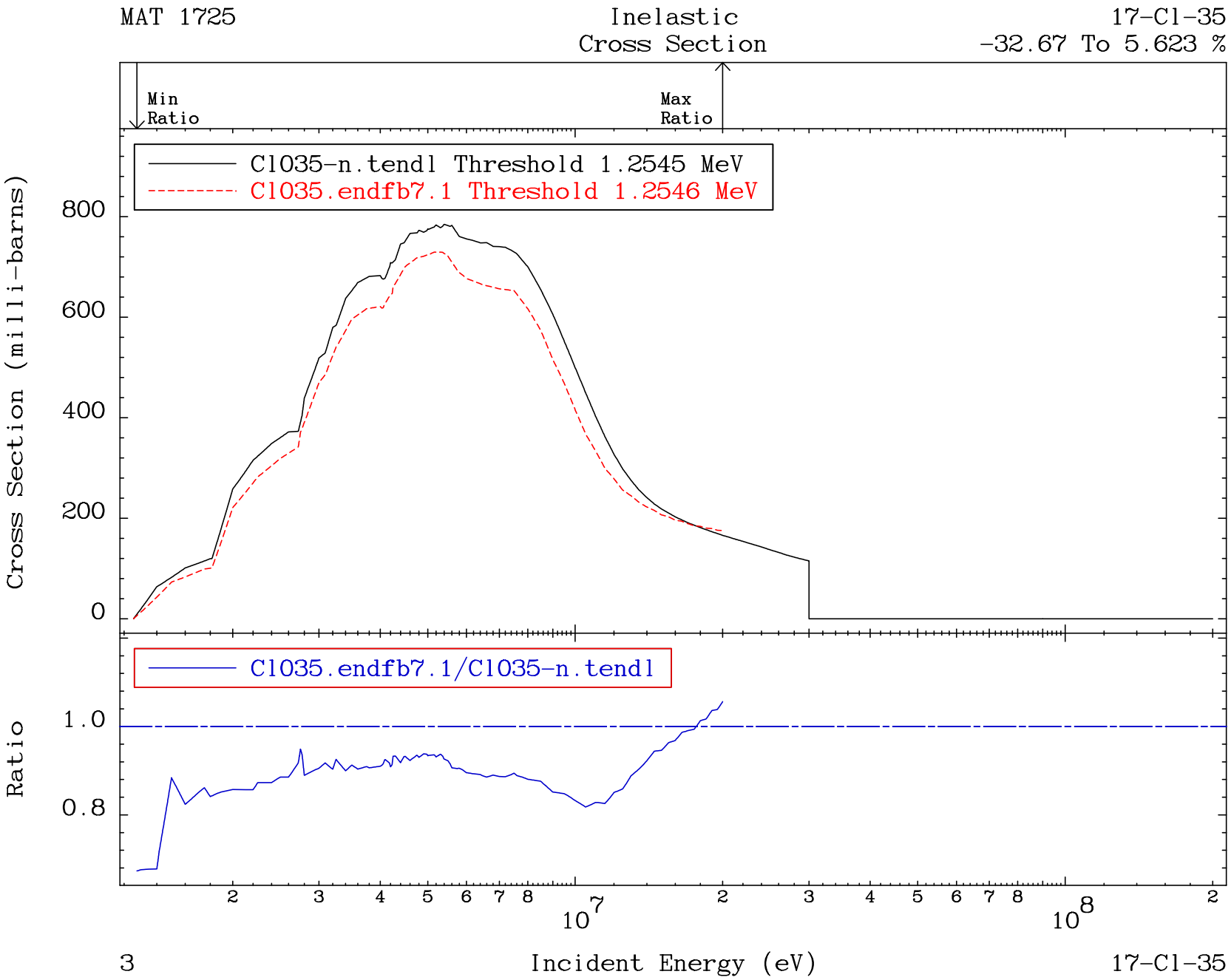
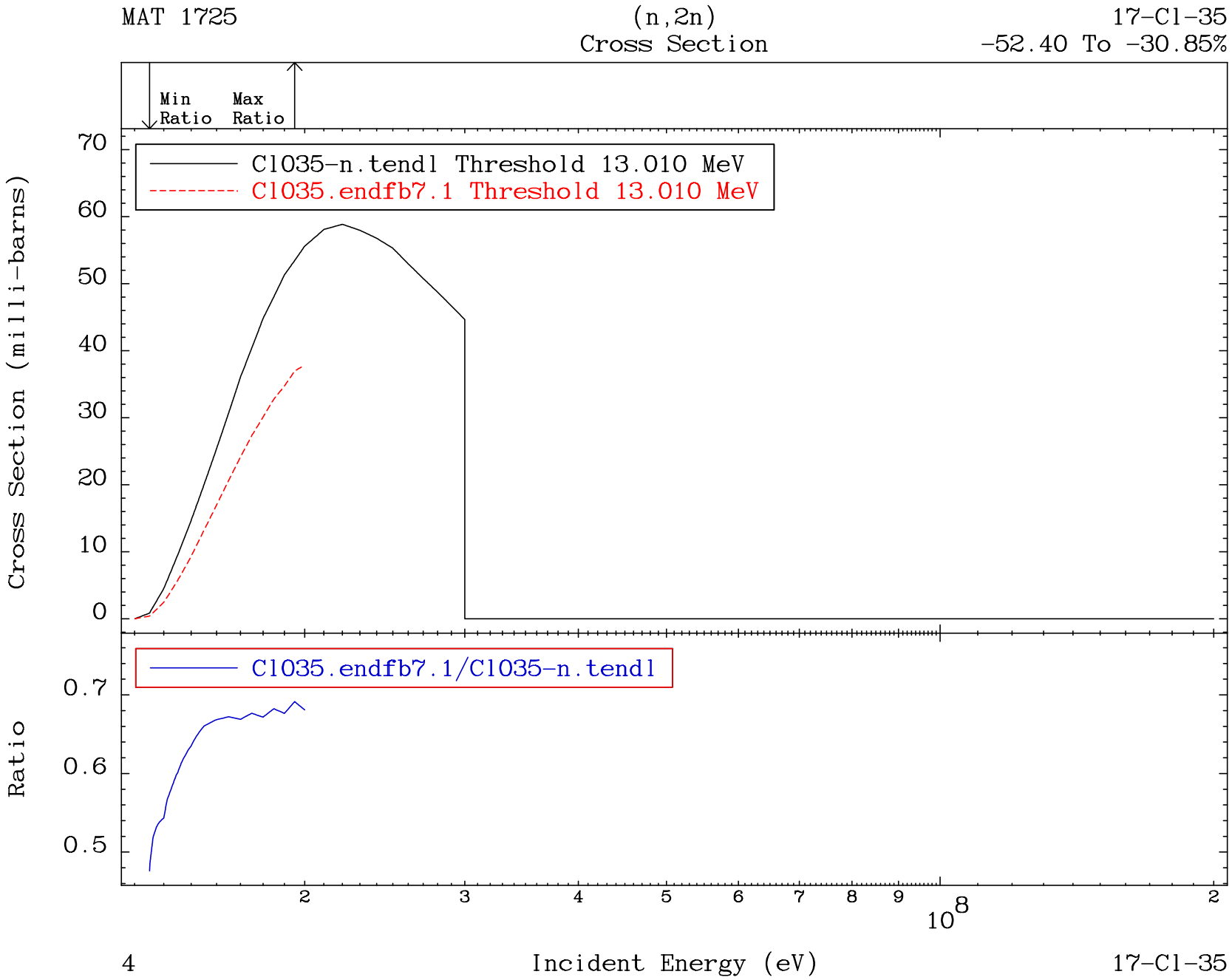
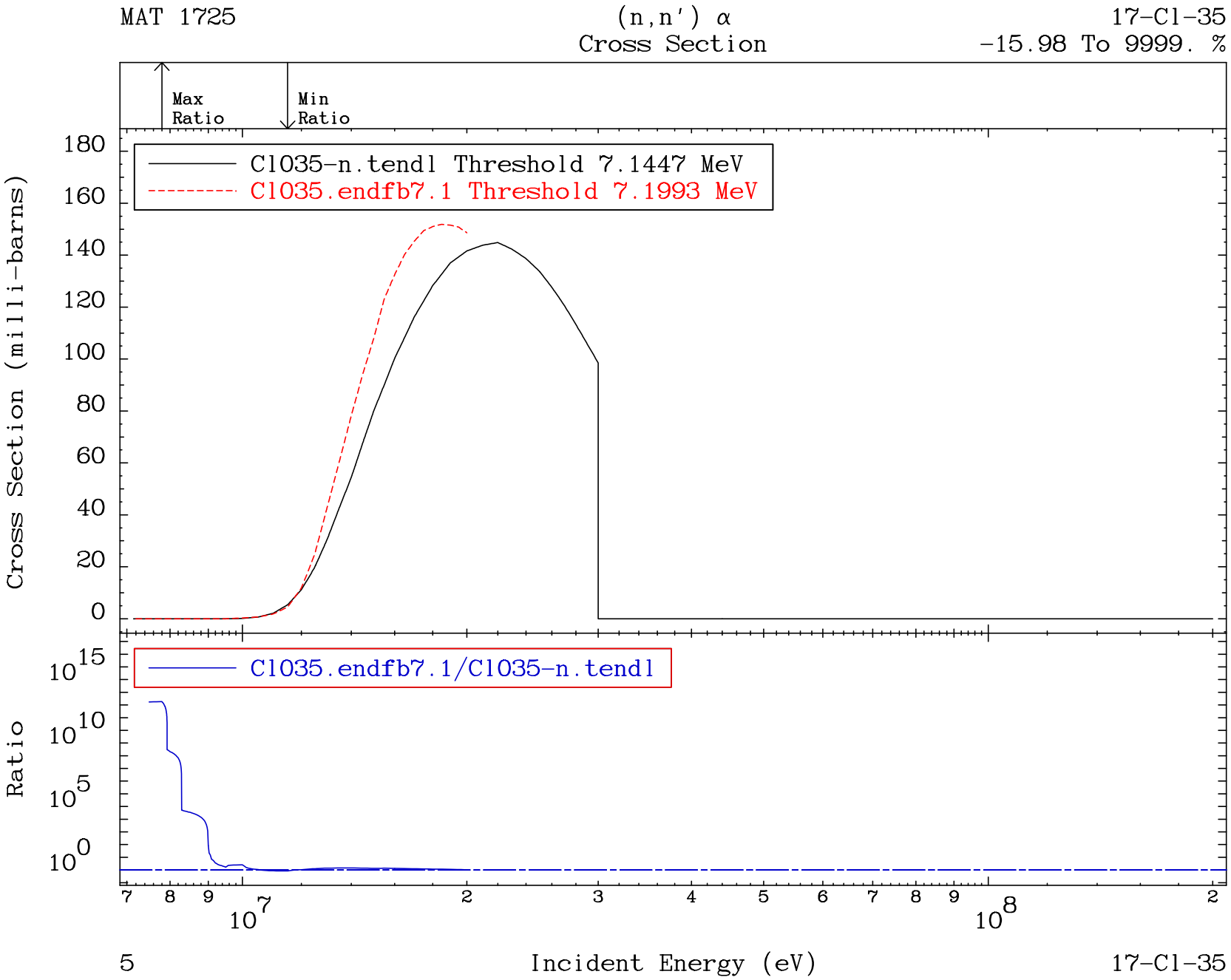
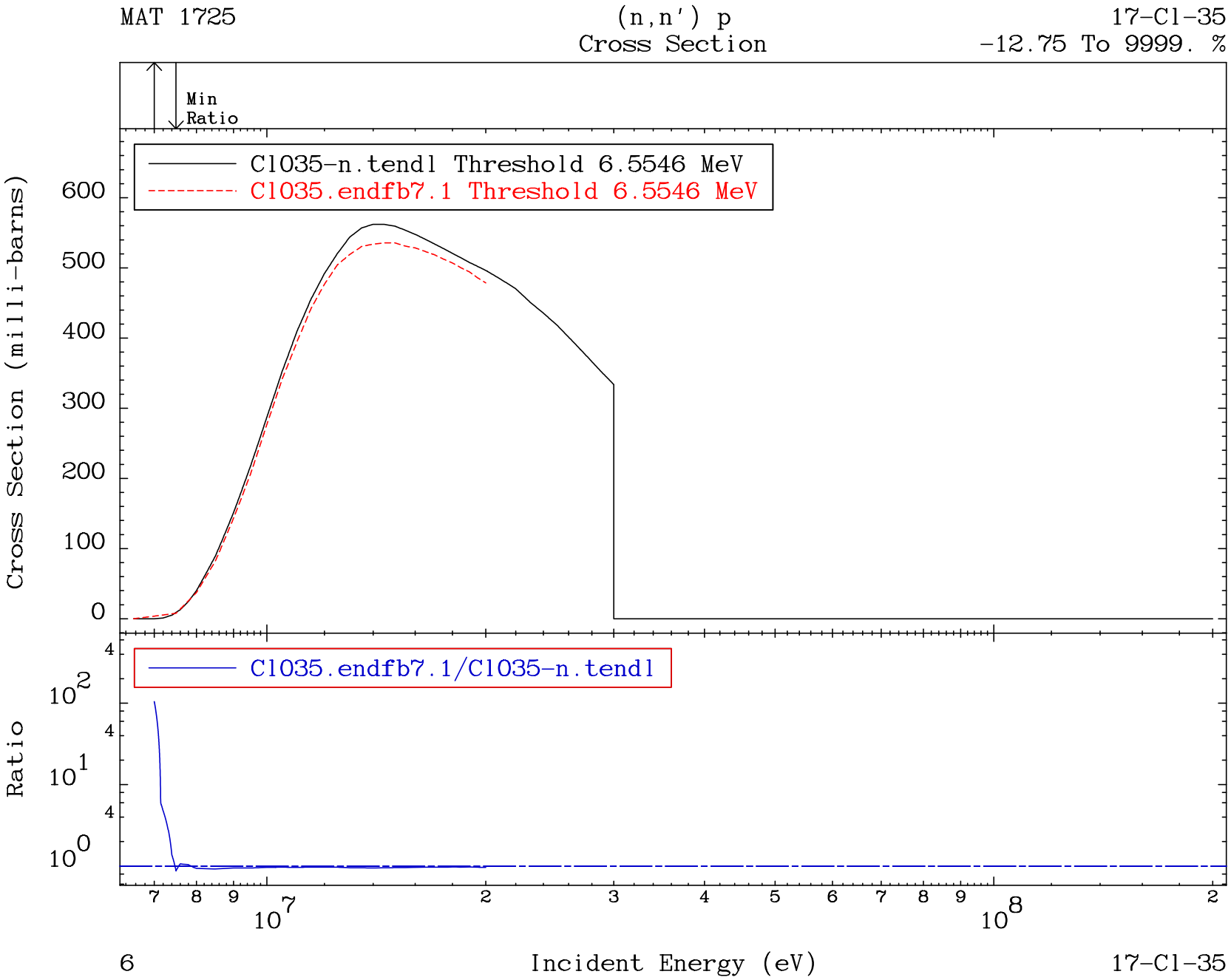

MAT 1725
Total
Cross Section
17-Cl-35
-85.52 To 2289. %
Min
Ratio
Max
Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
1
17-Cl-35

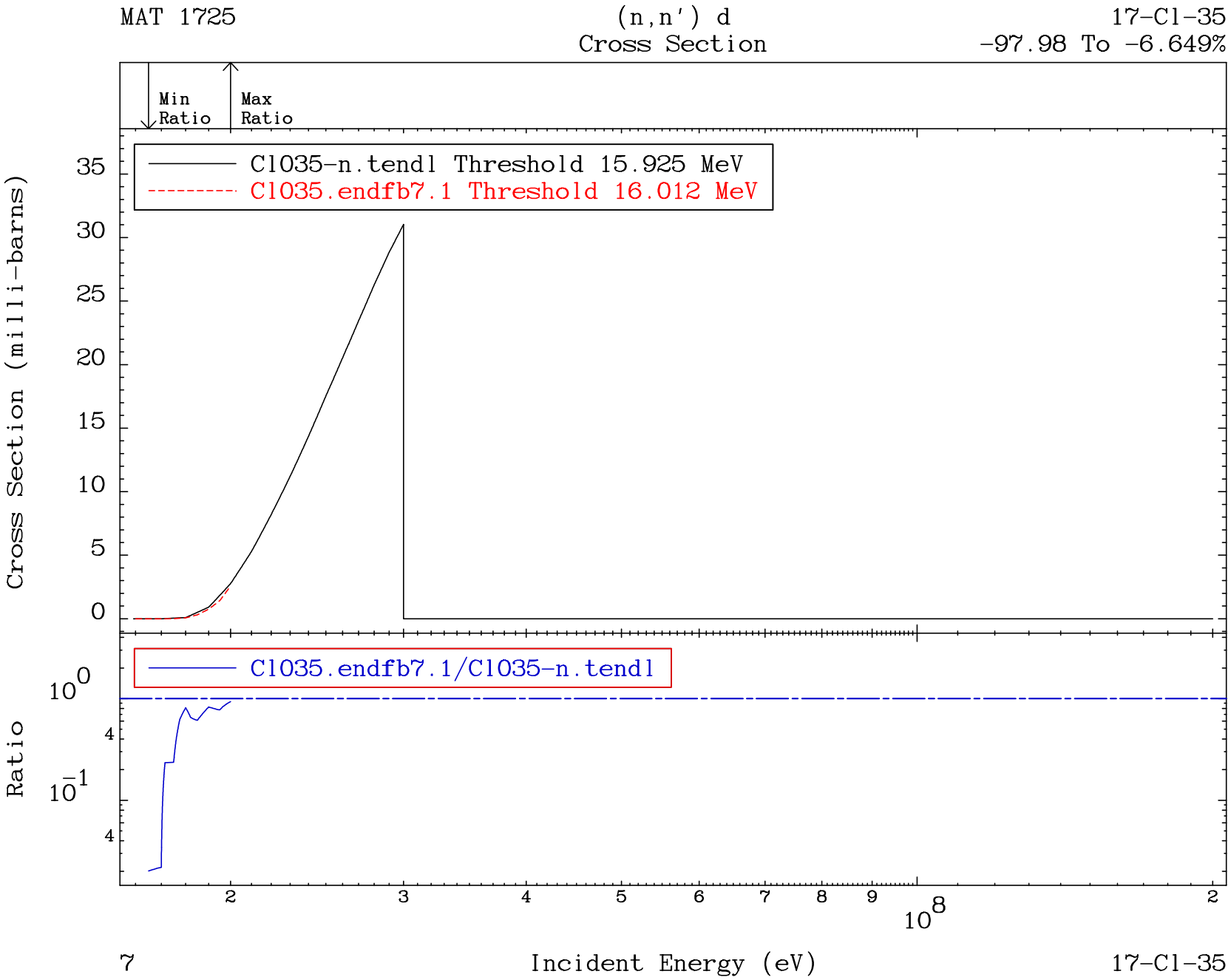

MAT 1725
Elastic
Cross Section
17-Cl-35
-85.18 To 2796. %
Min
Ratio
Max
Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
2
17-Cl-35

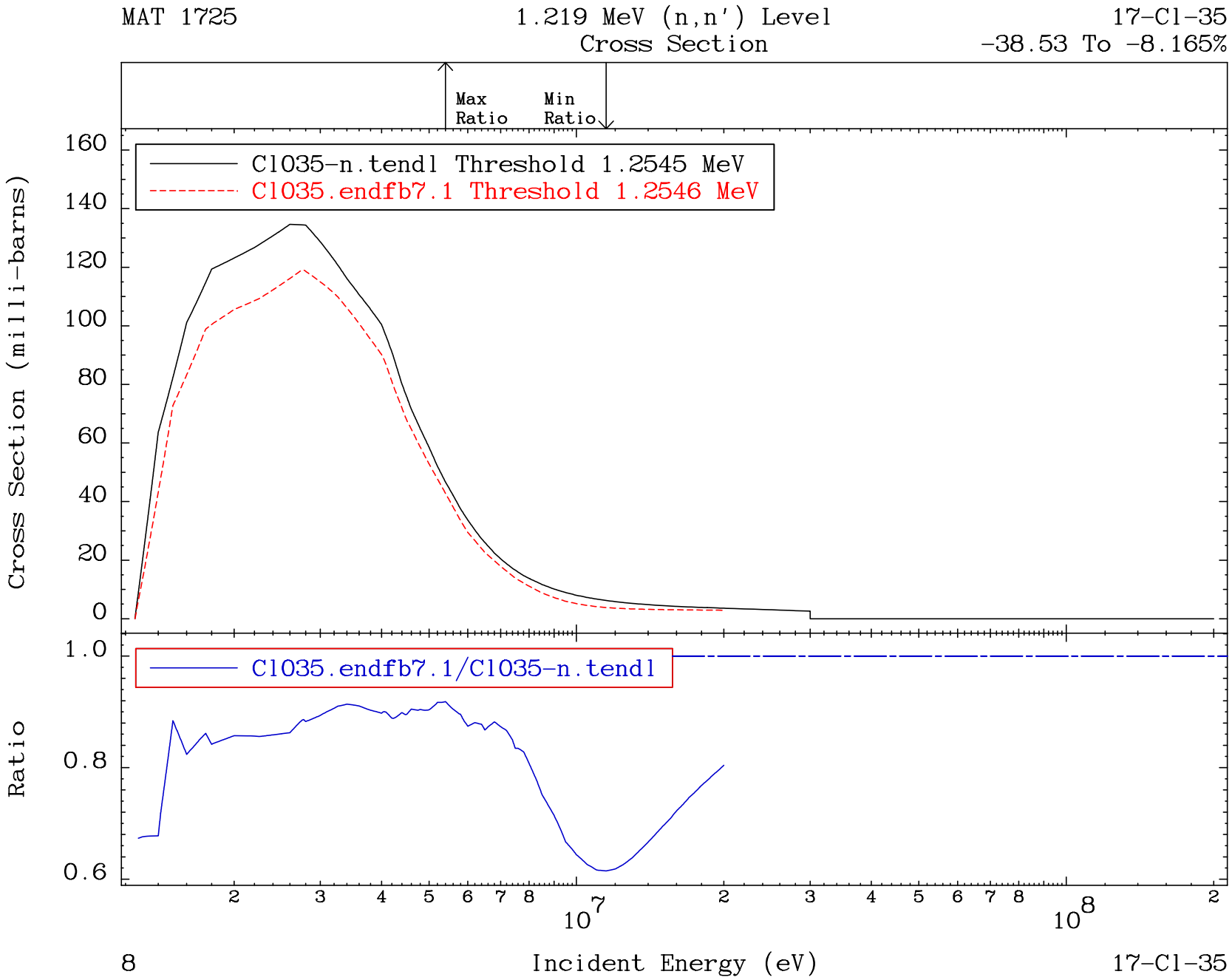

MAT 1725
Inelastic
Cross Section
17-Cl-35
-32.67 To 5.623 %
Min
Ratio
Max
Ratio
Cl035-n.tendl Threshold 1.2545 MeV
Cl035.endfb7.1 Threshold 1.2546 MeV
Cross Section (milli-barns)
800
600
400
200
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
1.0
0.8
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
17-Cl-35

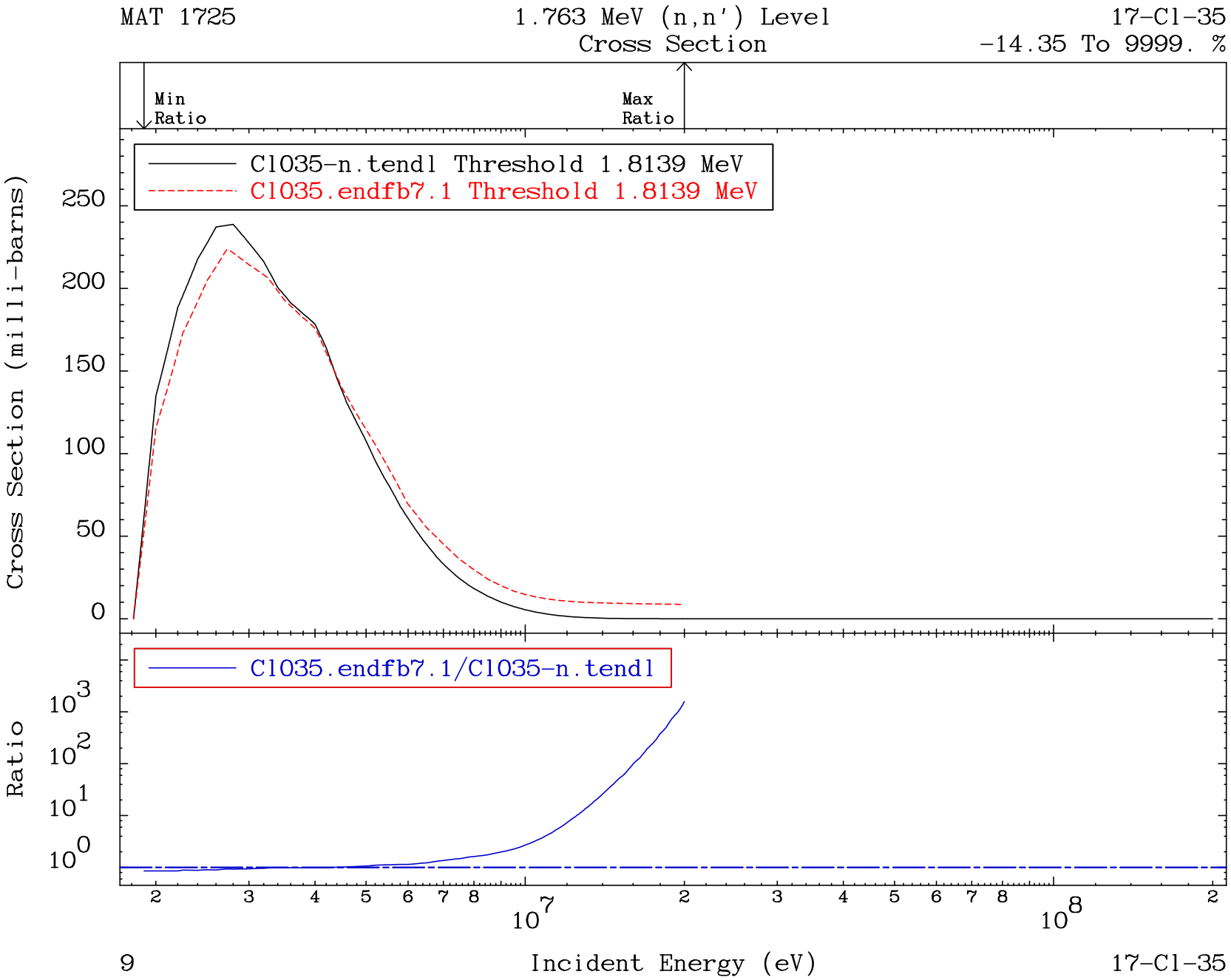

MAT 1725
(n,2n)
Cross Section
17-Cl-35
-52.40 To -30.85%
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 13.010 MeV
Cl035.endfb7.1 Threshold 13.010 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.7
0.6
0.5
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
17-Cl-35

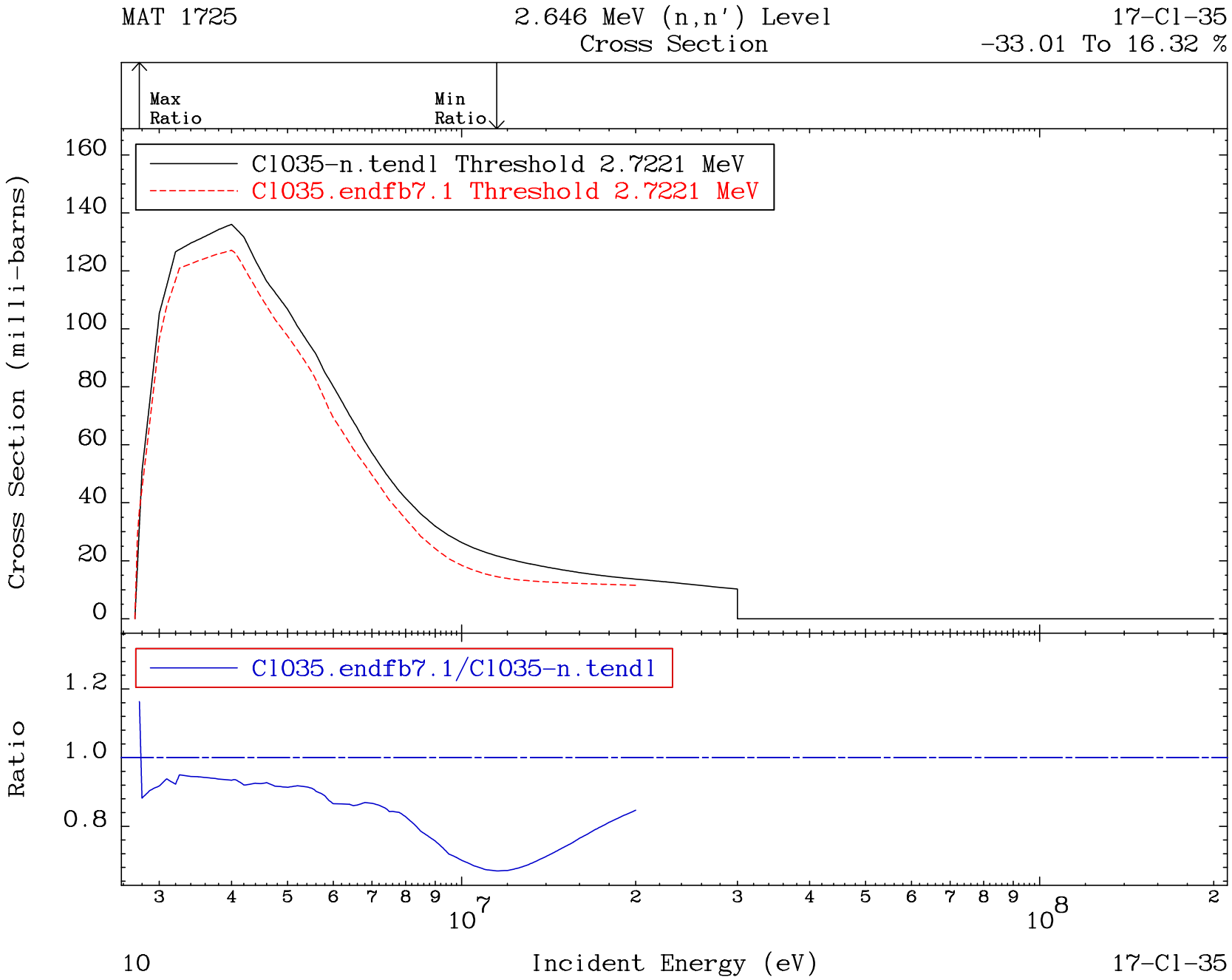

MAT 1725
(n,n') α
Cross Section
17-Cl-35
-15.98 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 7.1447 MeV
Cl035.endfb7.1 Threshold 7.1993 MeV
Cross Section (milli-barns)
180
160
140
120
100
80
60
40
20
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^15
10^10
10^5
10^0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
5
Incident Energy (eV)
17-Cl-35

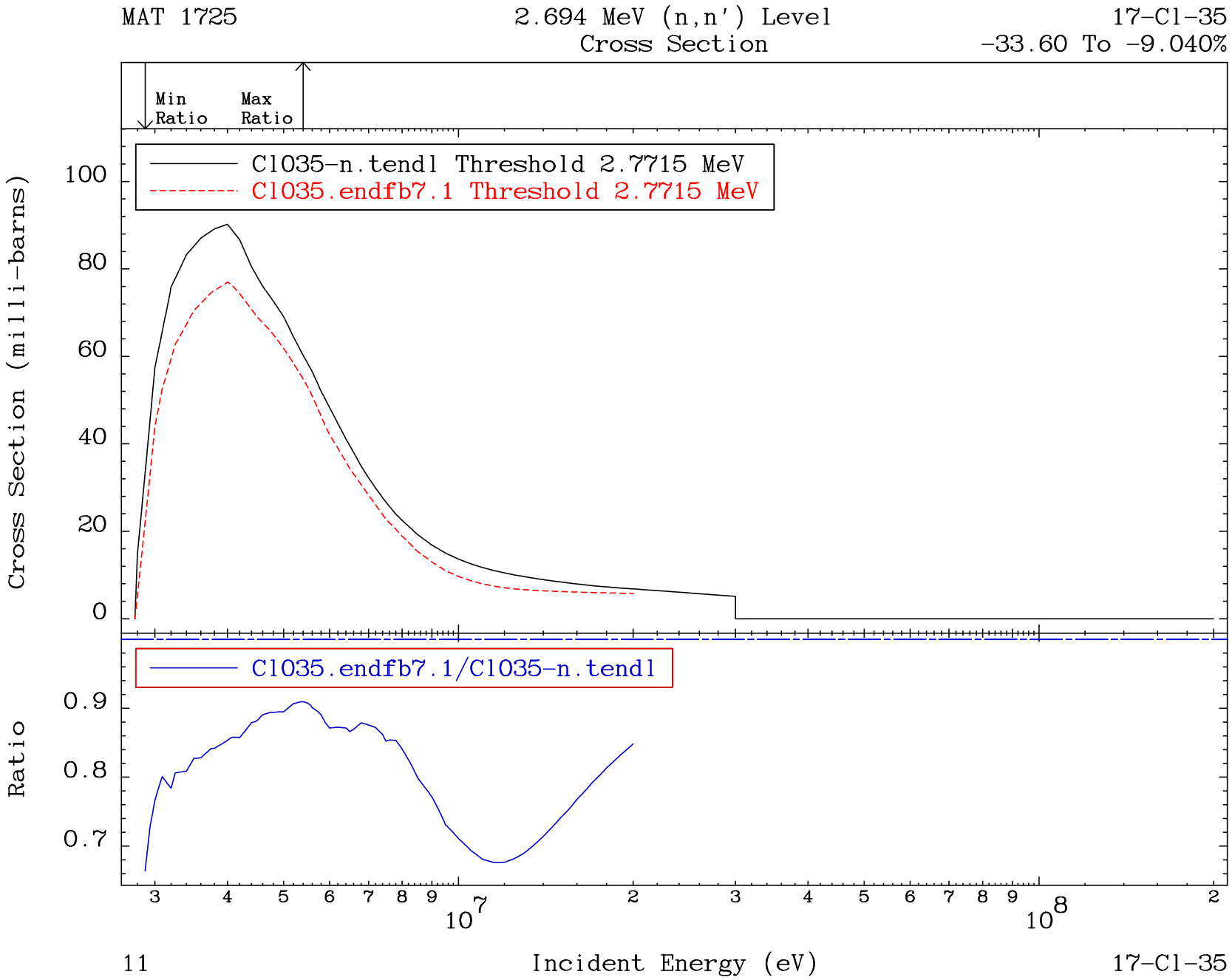

MAT 1725
(n,n') p
Cross Section
17-Cl-35
-12.75 To 9999. %
Min
Ratio
Cl035-n.tendl Threshold 6.5546 MeV
Cl035.endfb7.1 Threshold 6.5546 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^1
10^0
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
6
Incident Energy (eV)
17-Cl-35

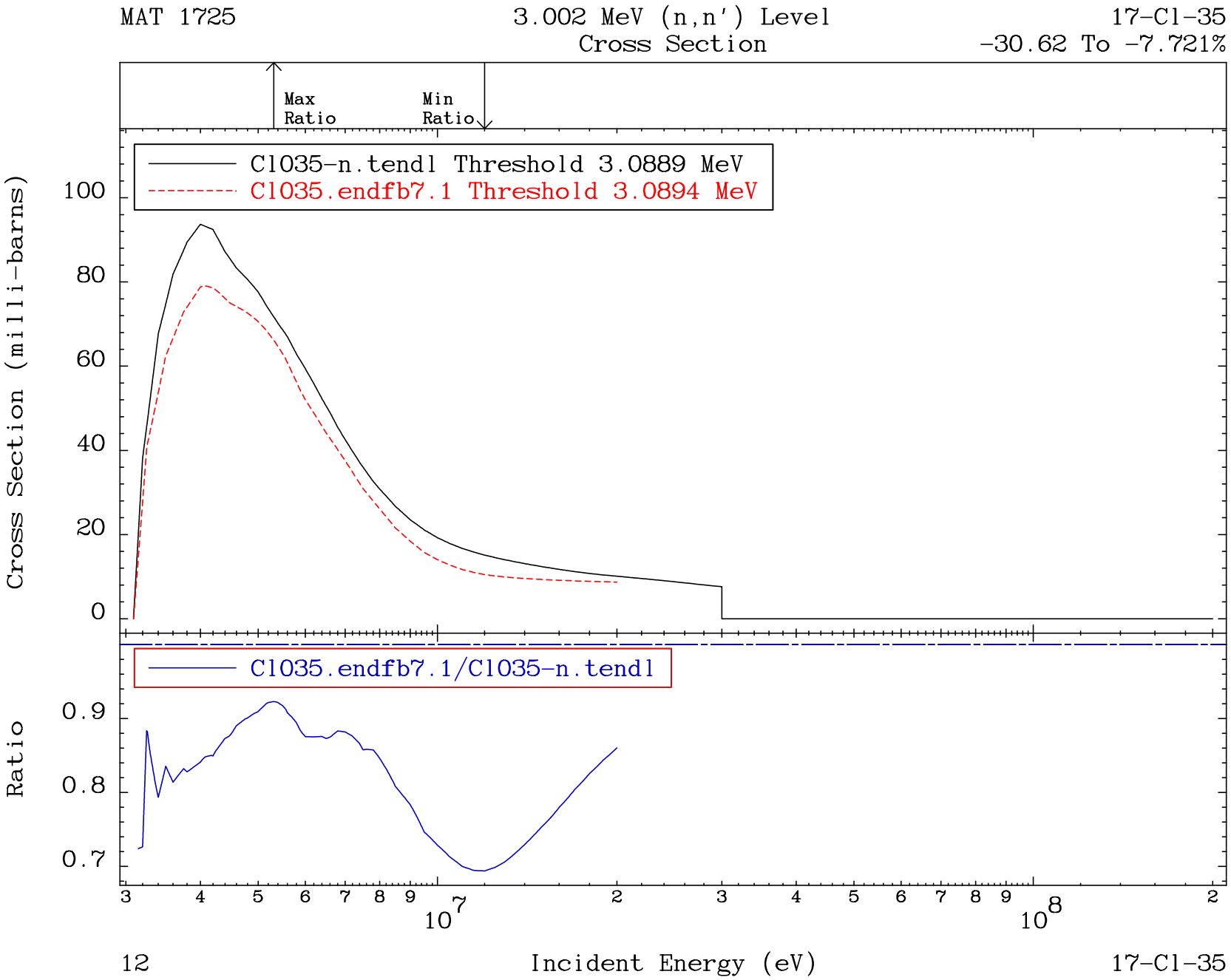

MAT 1725
(n,n') d
Cross Section
17-Cl-35
-97.98 To -6.649%
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 15.925 MeV
Cl035.endfb7.1 Threshold 16.012 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^0
10^-1
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
17-Cl-35

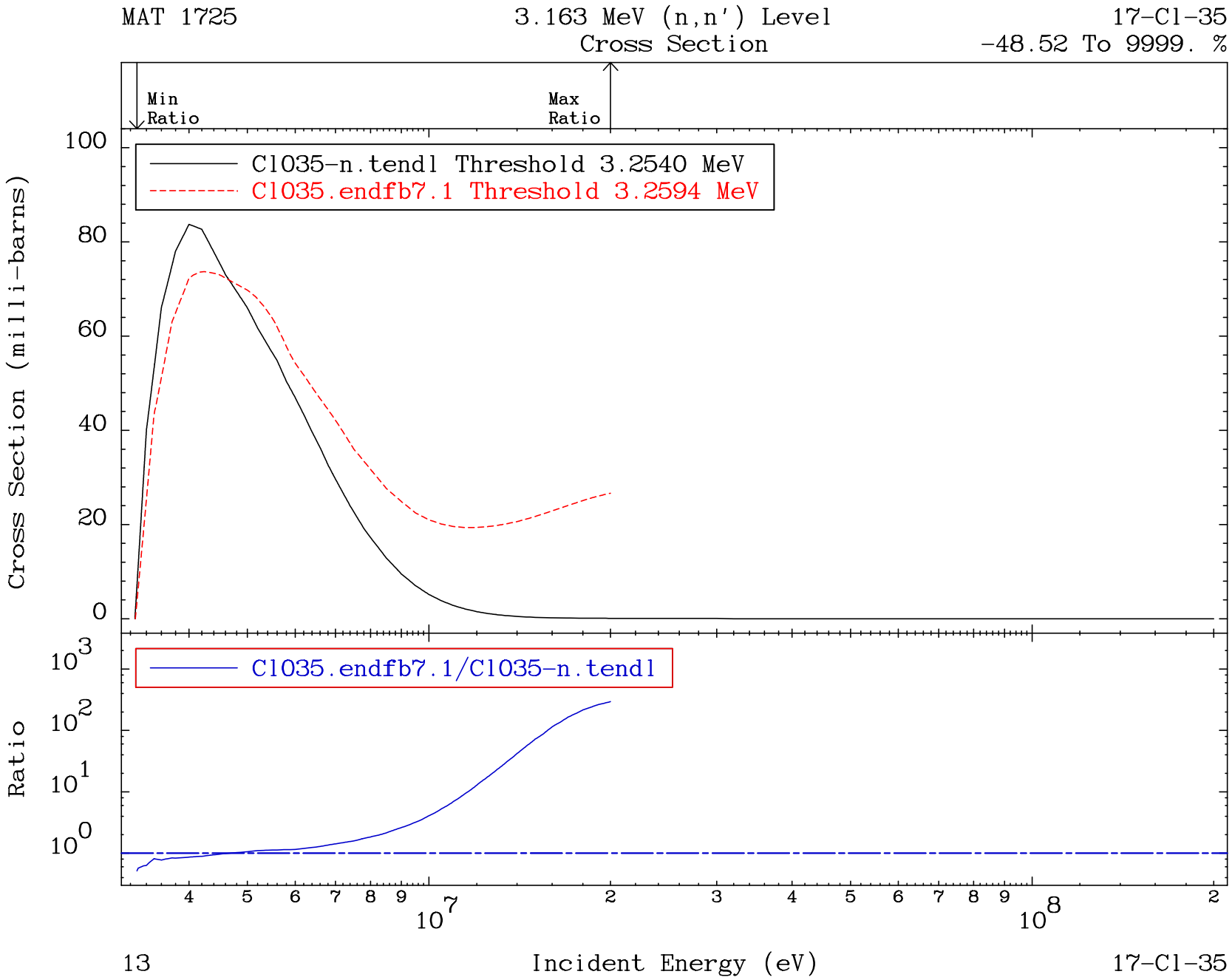

MAT 1725
1.219 MeV (n,n') Level
Cross Section
17-Cl-35
-38.53 To -8.165%
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 1.2545 MeV
Cl035.endfb7.1 Threshold 1.2546 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
1.0
0.8
0.6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
8
Incident Energy (eV)
17-Cl-35

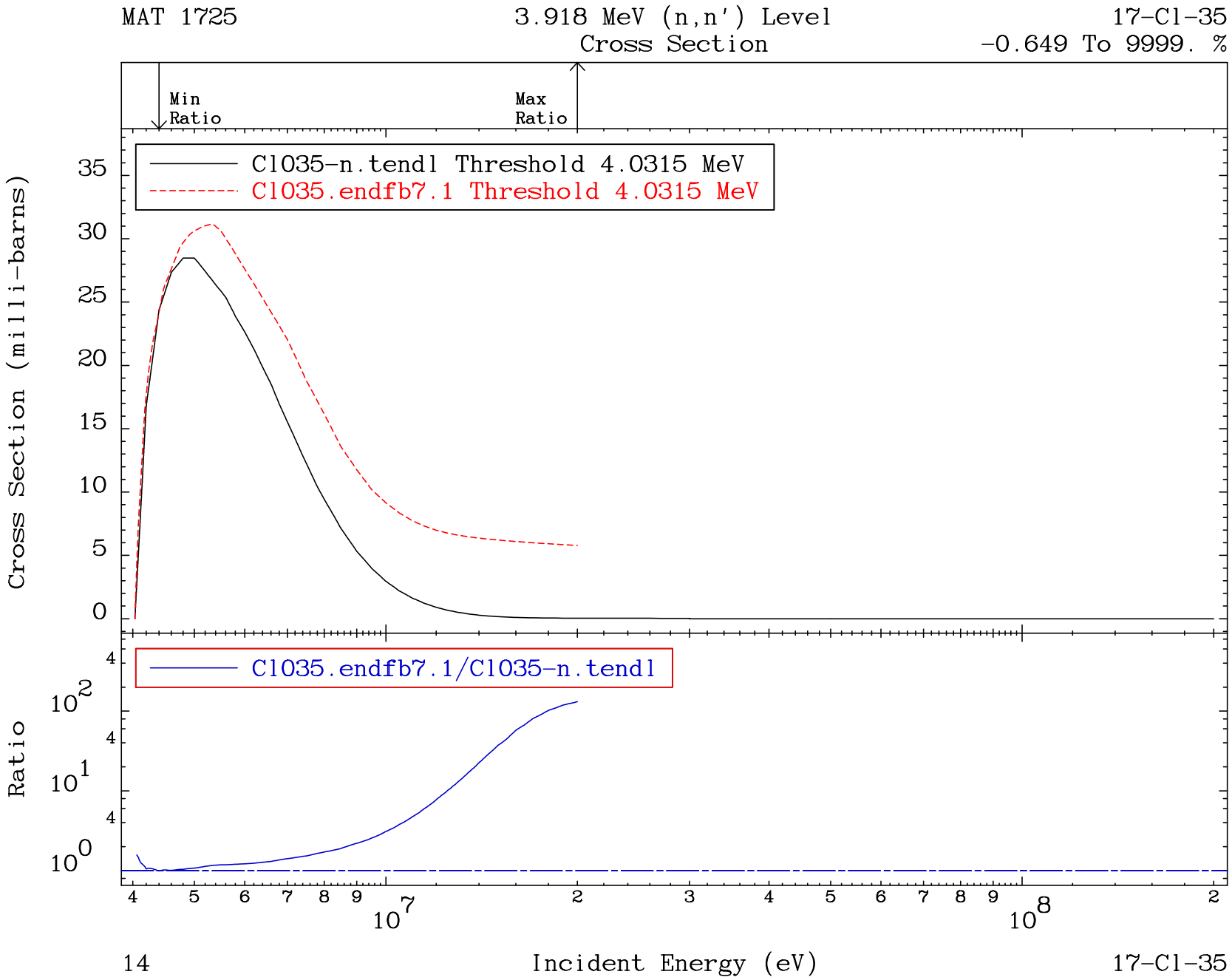

MAT 1725
1.763 MeV (n,n') Level
Cross Section
17-Cl-35
-14.35 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 1.8139 MeV
Cl035.endfb7.1 Threshold 1.8139 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^3
10^2
10^1
10^0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
9
Incident Energy (eV)
17-Cl-35

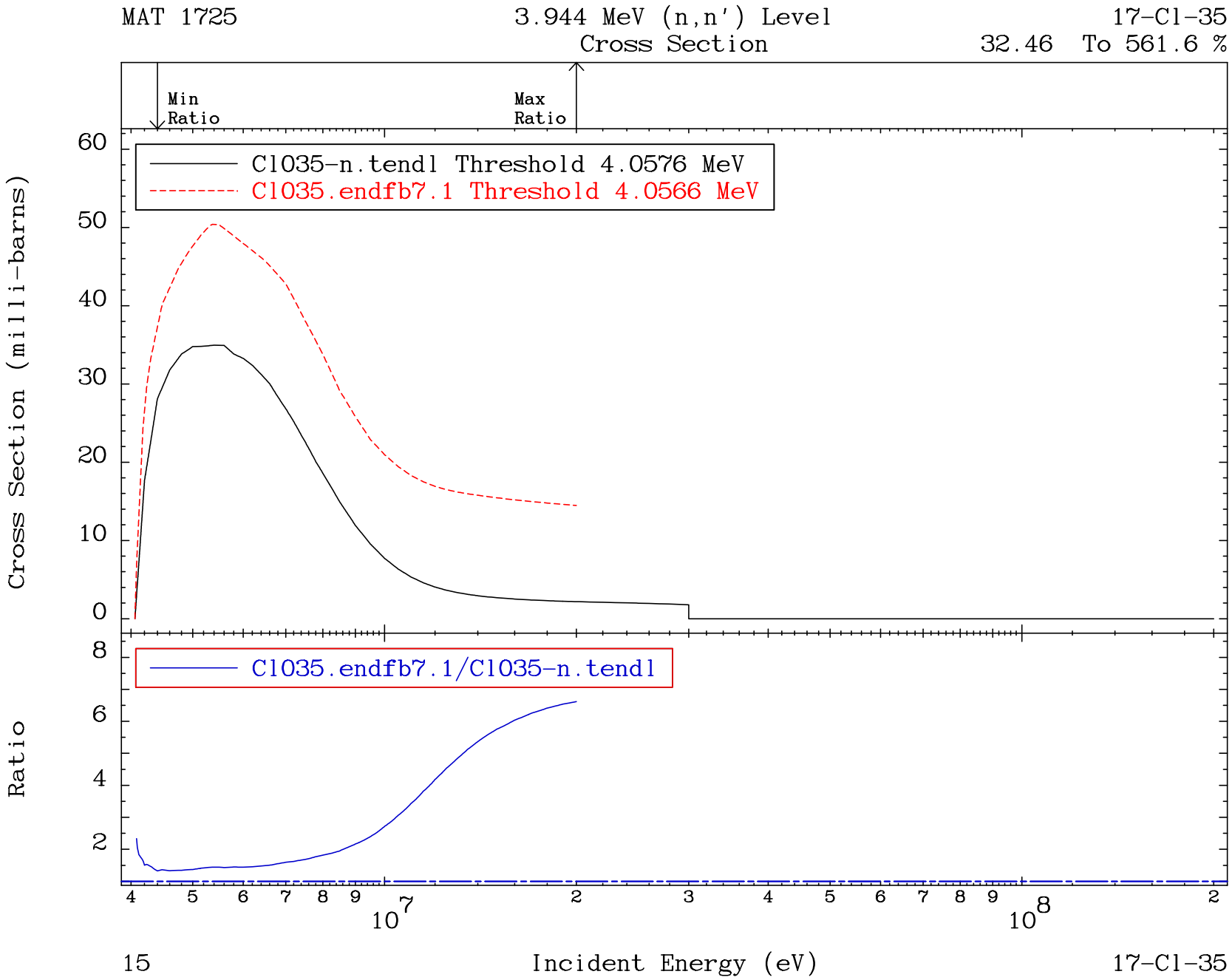

MAT 1725
2.646 MeV (n,n') Level
Cross Section
17-Cl-35
-33.01 To 16.32 %
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 2.7221 MeV
Cl035.endfb7.1 Threshold 2.7221 MeV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
1.2
1.0
0.8
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
10
Incident Energy (eV)
17-Cl-35

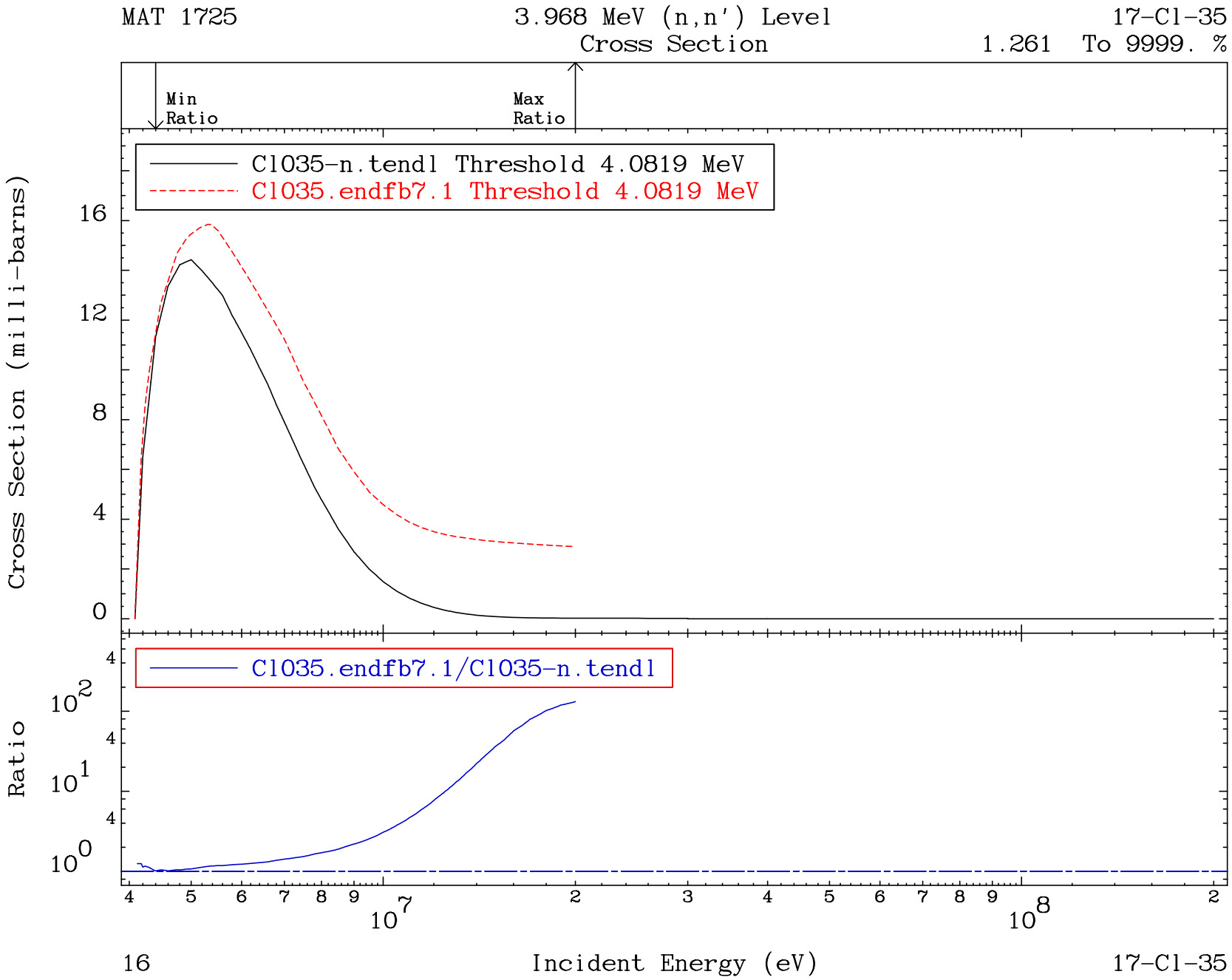

MAT 1725
2.694 MeV (n,n') Level
Cross Section
17-Cl-35
-33.60 To -9.040%
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 2.7715 MeV
Cl035.endfb7.1 Threshold 2.7715 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.9
0.8
0.7
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
11
Incident Energy (eV)
17-Cl-35

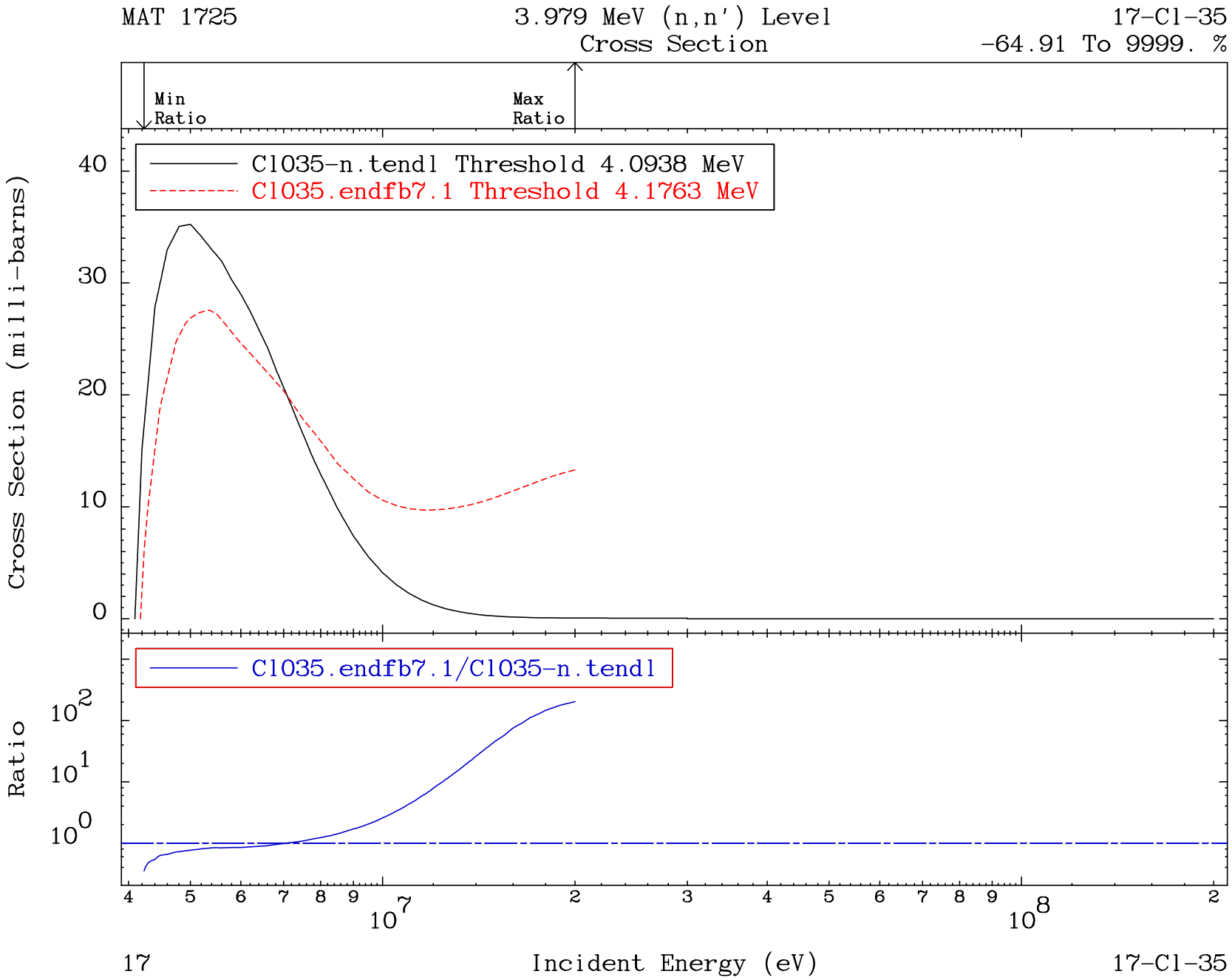

MAT 1725
3.002 MeV (n,n') Level
Cross Section
17-Cl-35
-30.62 To -7.721%
Max
Ratio
Min
Ratio
Cl035-n.tendl Threshold 3.0889 MeV
Cl035.endfb7.1 Threshold 3.0894 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.9
0.8
0.7
3
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
12
Incident Energy (eV)
17-Cl-35

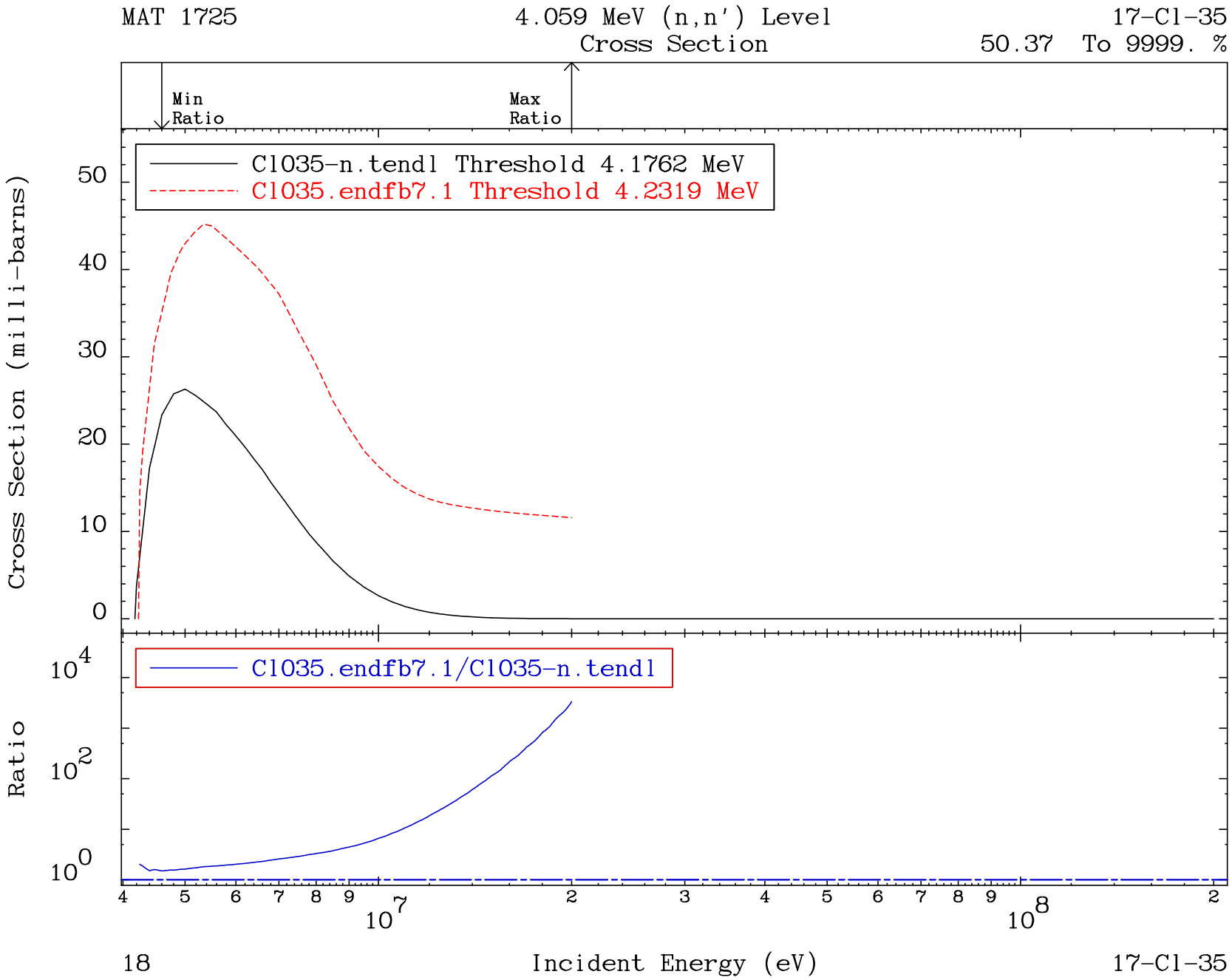

MAT 1725
3.163 MeV (n,n') Level
Cross Section
17-Cl-35
-48.52 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 3.2540 MeV
Cl035.endfb7.1 Threshold 3.2594 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^3
10^2
10^1
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
13
Incident Energy (eV)
17-Cl-35

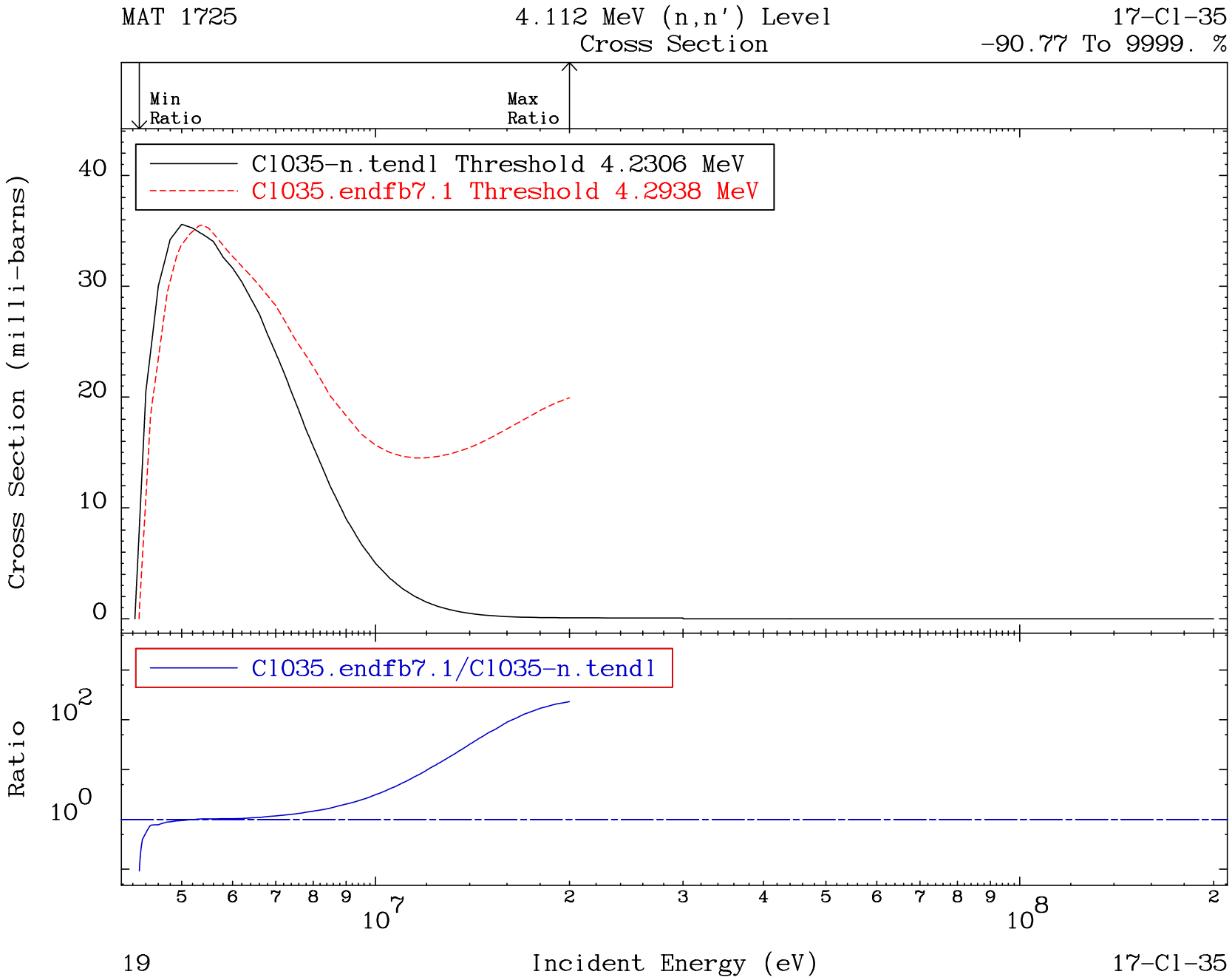

MAT 1725
3.918 MeV (n,n') Level
Cross Section
17-Cl-35
-0.649 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.0315 MeV
Cl035.endfb7.1 Threshold 4.0315 MeV
Cross Section (milli-barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
14
17-Cl-35

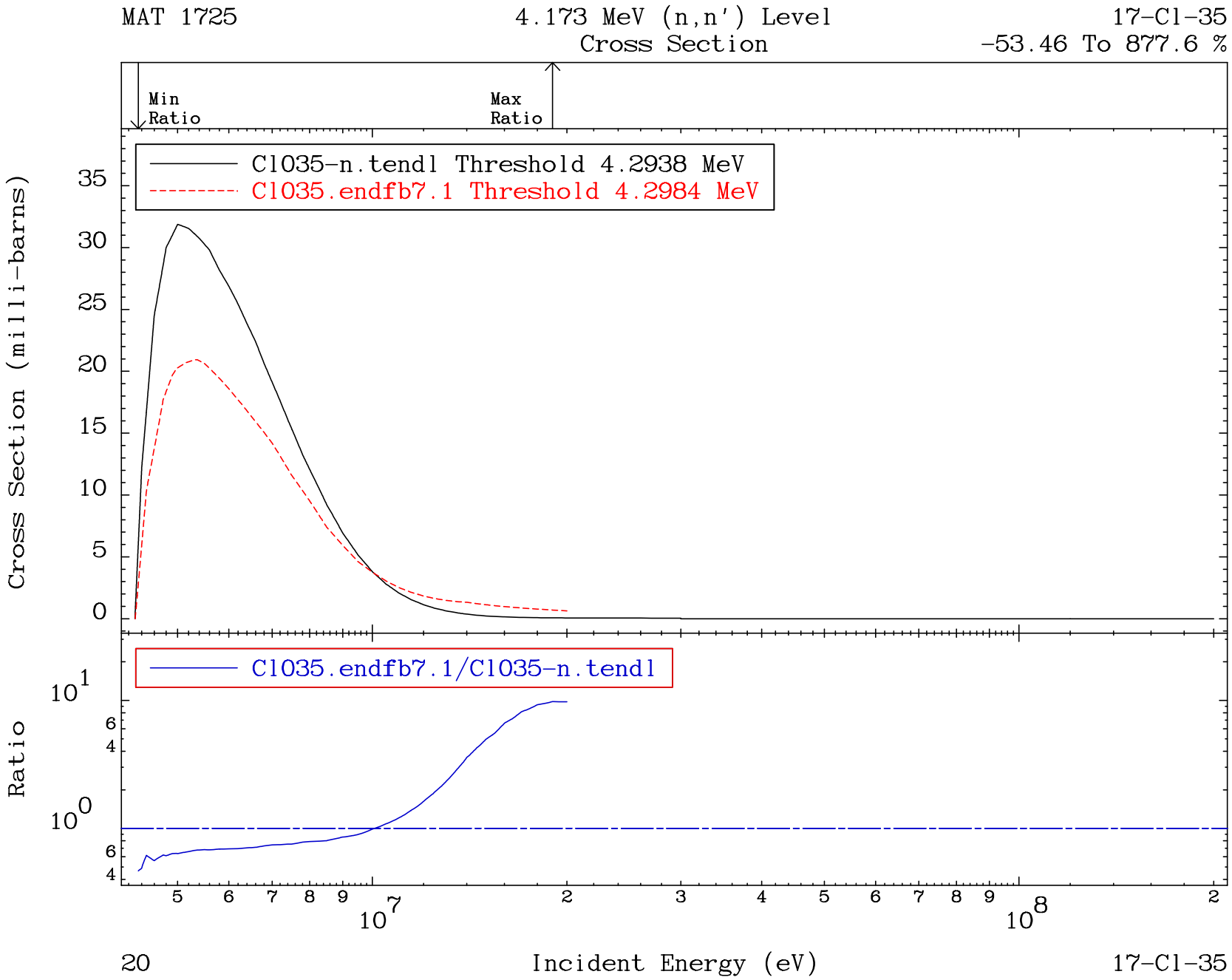

MAT 1725
3.944 MeV (n,n') Level
Cross Section
17-Cl-35
32.46 To 561.6 %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.0576 MeV
Cl035.endfb7.1 Threshold 4.0566 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
8
6
4
2
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
15
Incident Energy (eV)
17-Cl-35

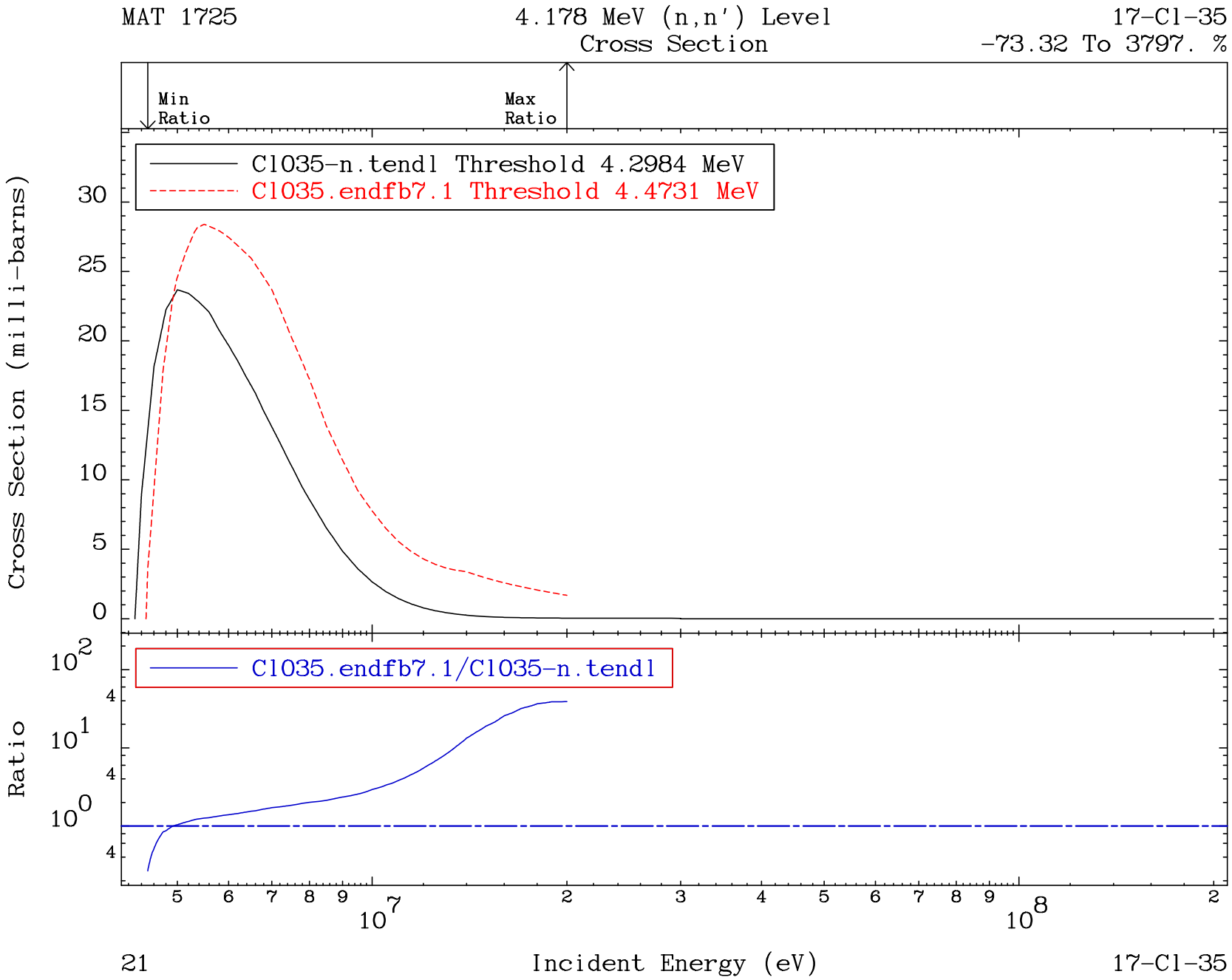

MAT 1725
3.968 MeV (n,n') Level
Cross Section
17-Cl-35
1.261 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.0819 MeV
Cl035.endfb7.1 Threshold 4.0819 MeV
Cross Section (milli-barns)
16
12
8
4
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^1
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
16
Incident Energy (eV)
17-Cl-35

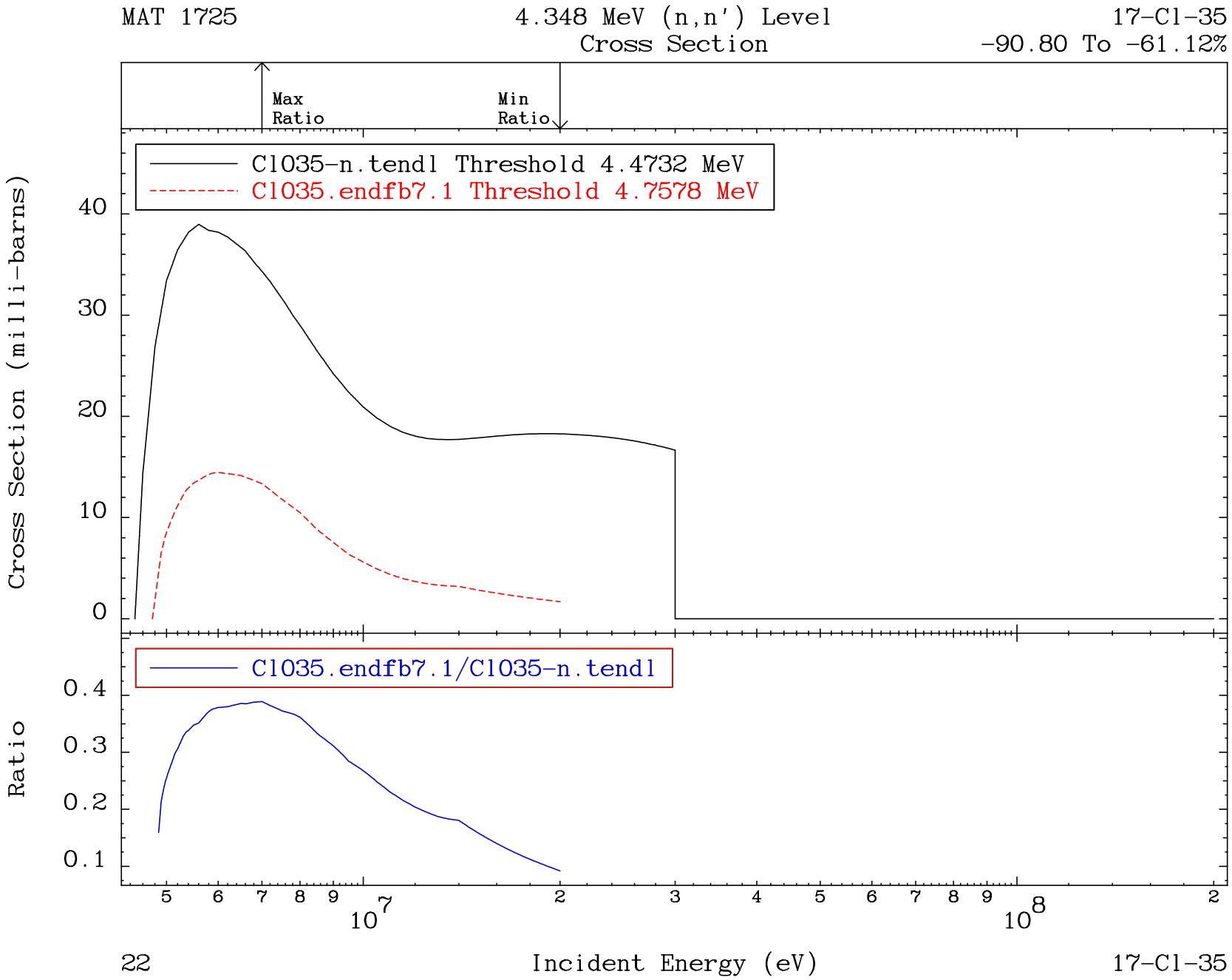

MAT 1725
3.979 MeV (n,n') Level
Cross Section
17-Cl-35
-64.91 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.0938 MeV
Cl035.endfb7.1 Threshold 4.1763 MeV
Cross Section (milli-barns)
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^1
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
17
Incident Energy (eV)
17-Cl-35

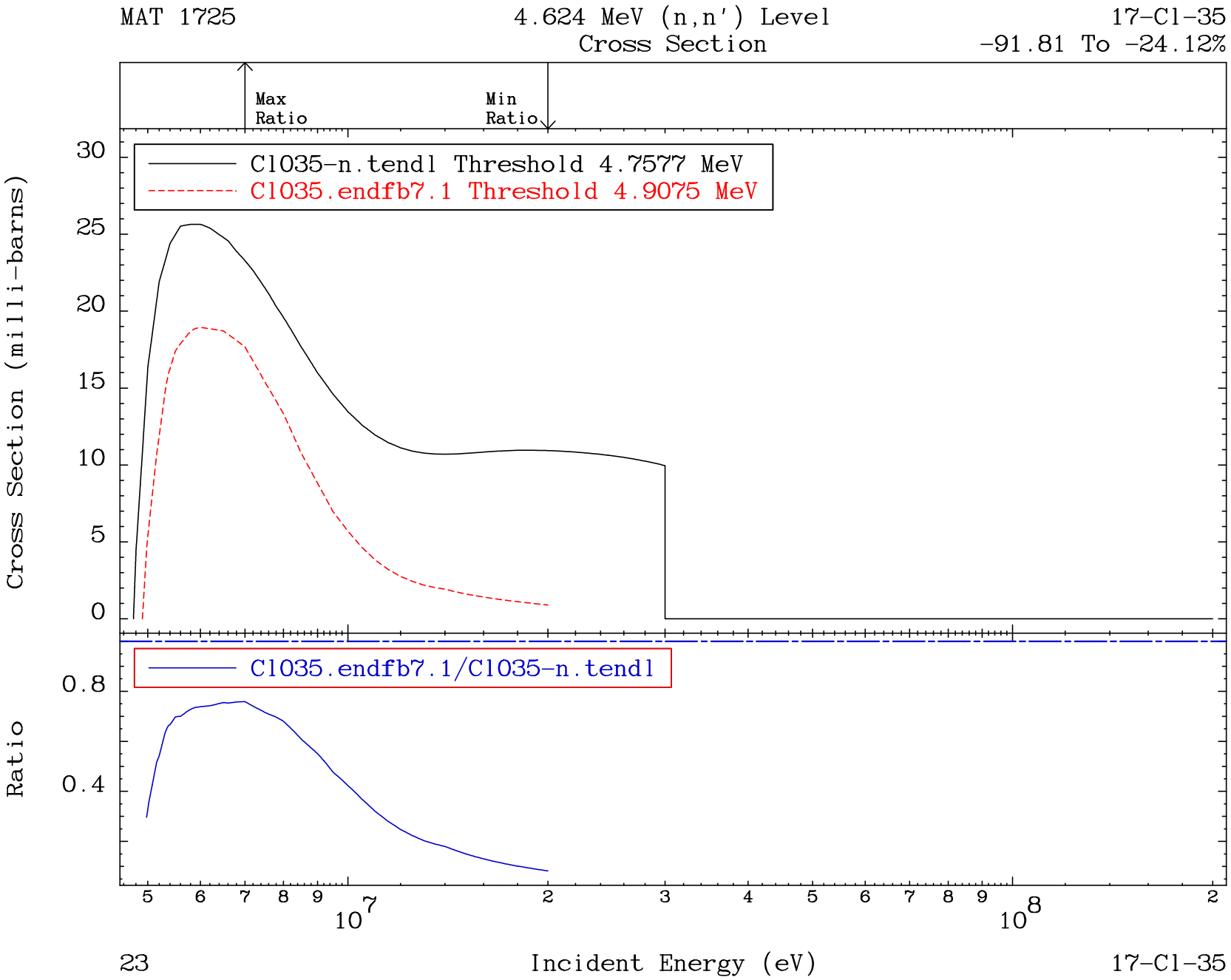

MAT 1725
4.059 MeV (n,n') Level
Cross Section
17-Cl-35
50.37 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.1762 MeV
Cl035.endfb7.1 Threshold 4.2319 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^4
10^2
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
18
Incident Energy (eV)
17-Cl-35

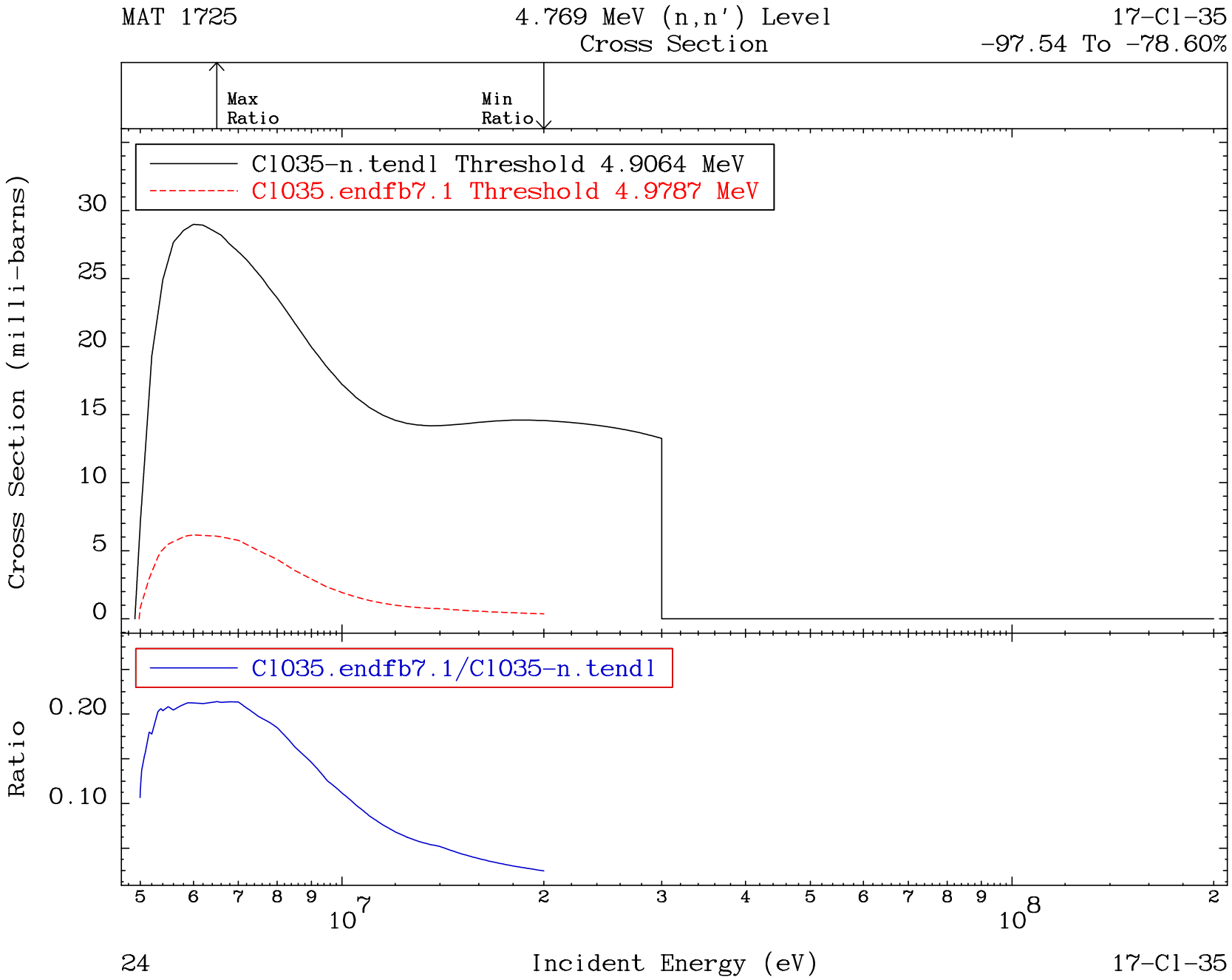

MAT 1725
4.112 MeV (n,n') Level
Cross Section
17-Cl-35
-90.77 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.2306 MeV
Cl035.endfb7.1 Threshold 4.2938 MeV
Cross Section (milli-barns)
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
17-Cl-35

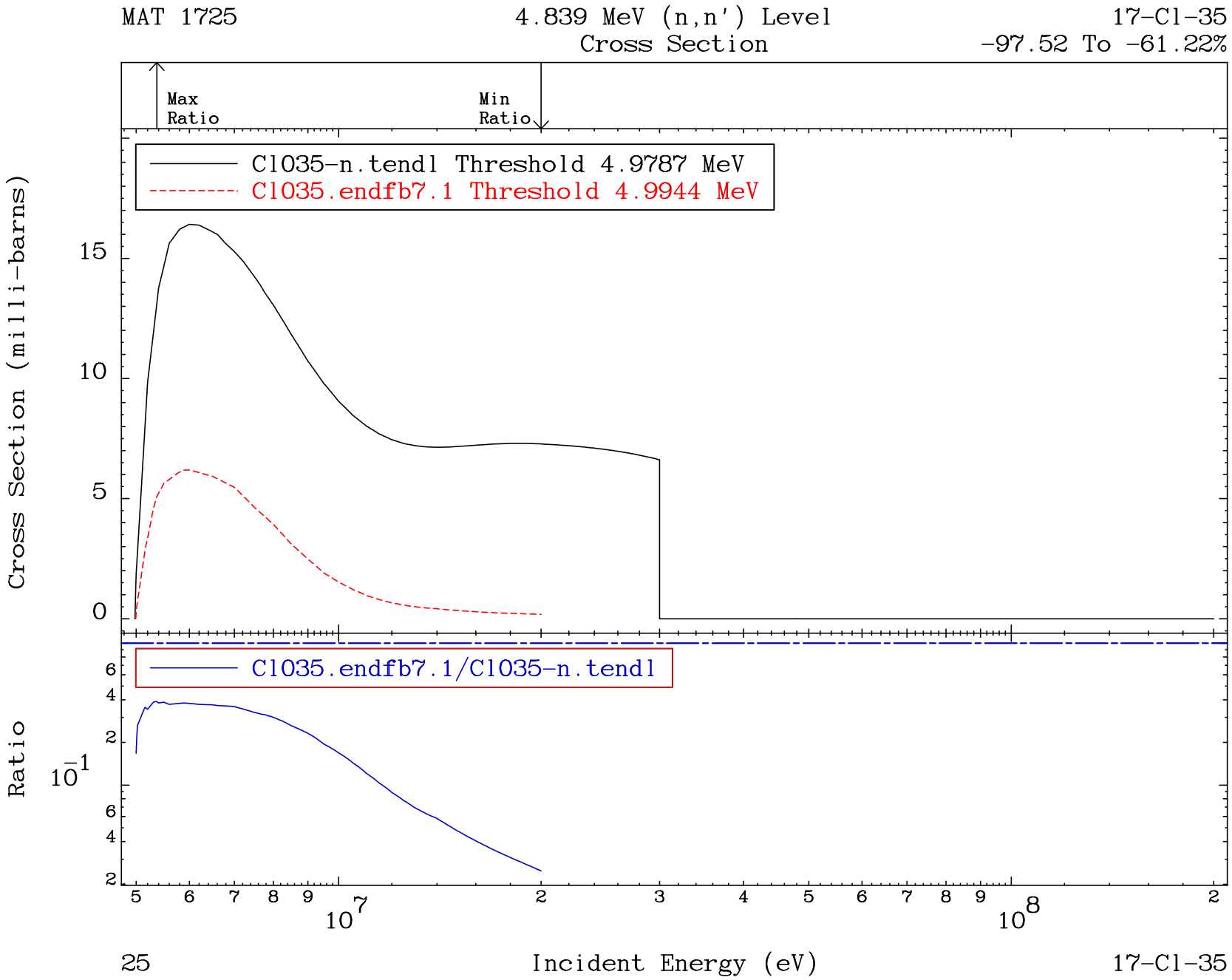

MAT 1725
4.173 MeV (n,n') Level
Cross Section
17-Cl-35
-53.46 To 877.6 %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.2938 MeV
Cl035.endfb7.1 Threshold 4.2984 MeV
Cross Section (milli-barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
20
17-Cl-35

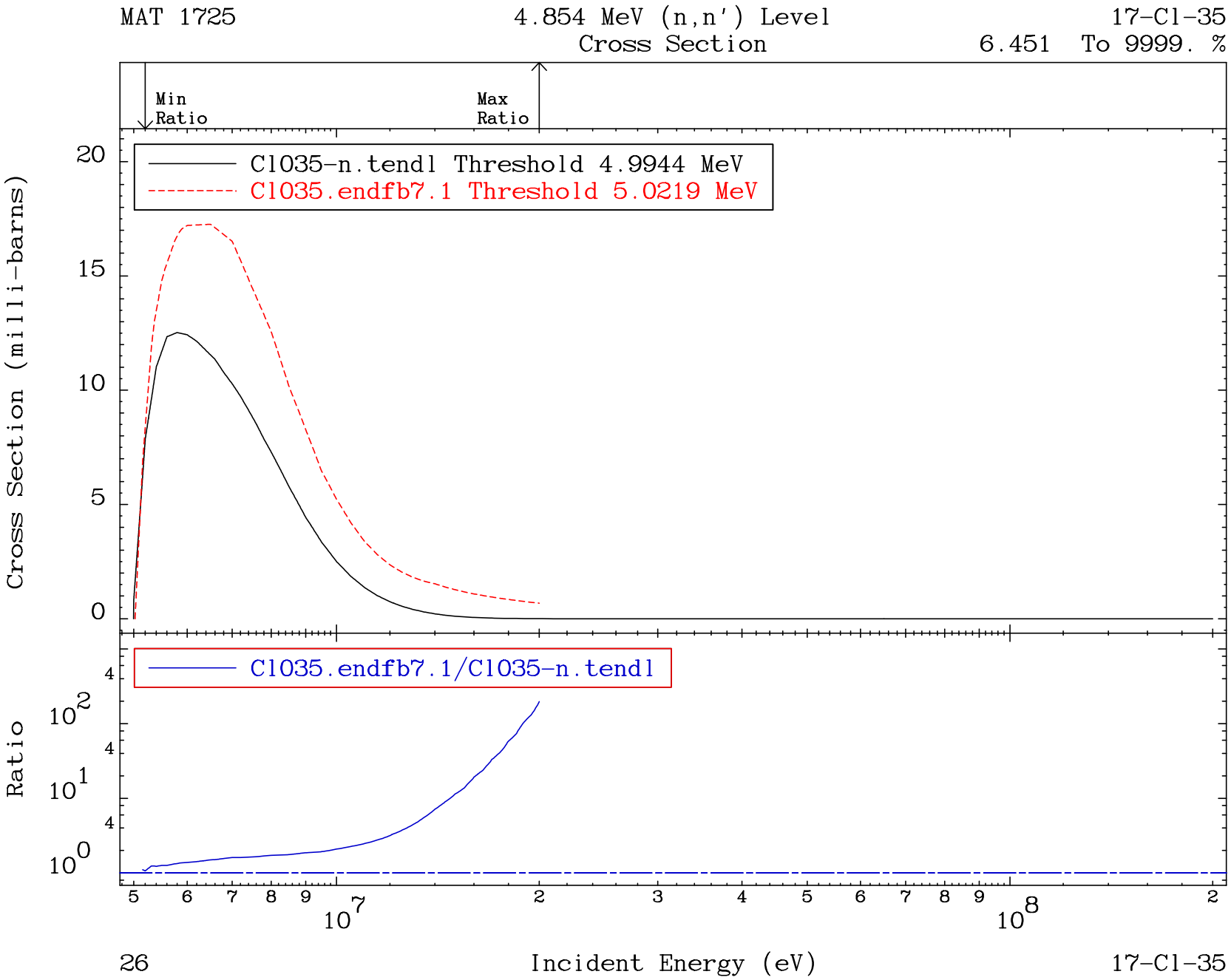

MAT 1725
4.178 MeV (n,n') Level
Cross Section
17-Cl-35
-73.32 To 3797. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.2984 MeV
Cl035.endfb7.1 Threshold 4.4731 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^1
10^0
4
4
4
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
21
Incident Energy (eV)
17-Cl-35

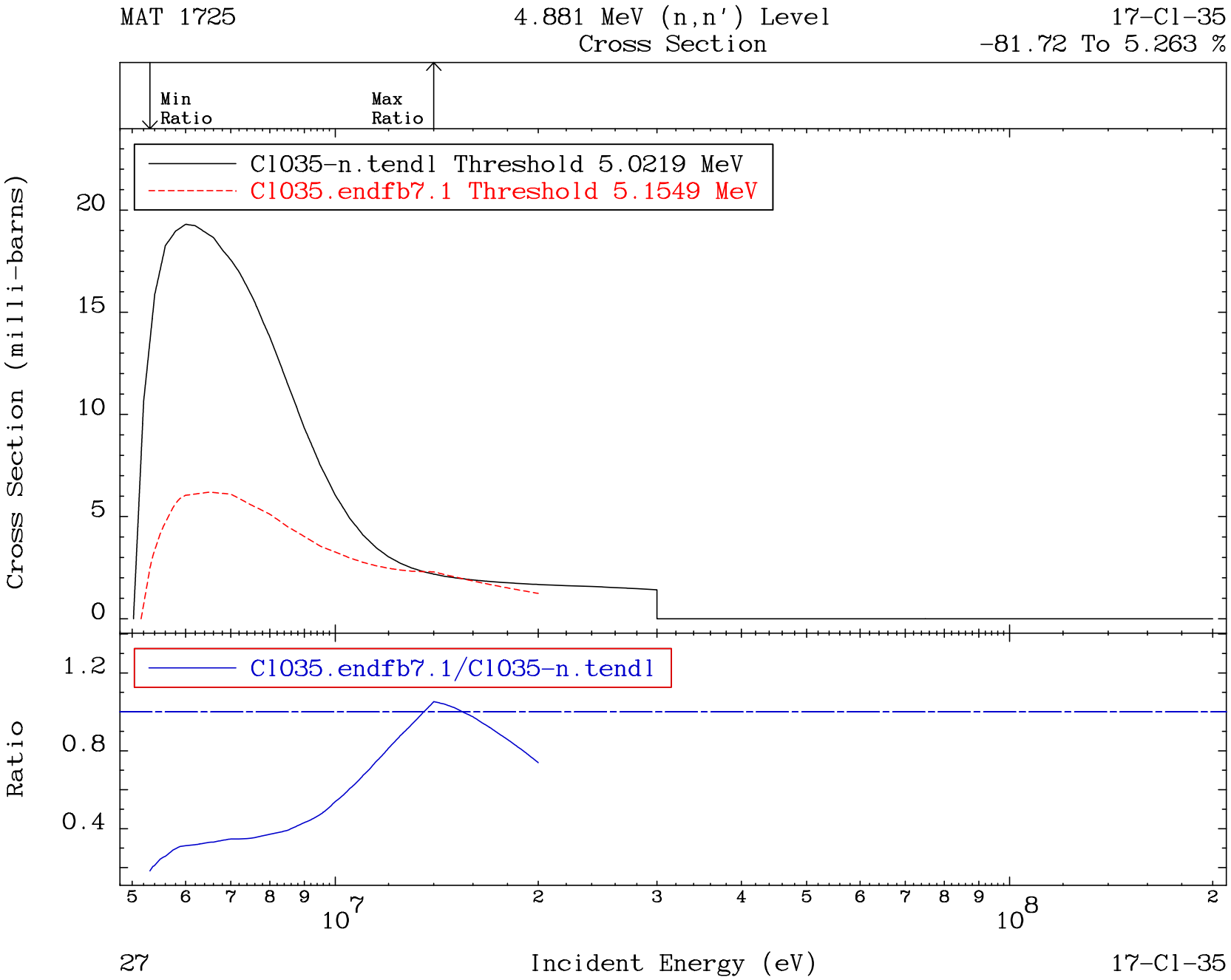

MAT 1725
4.348 MeV (n,n') Level
Cross Section
17-Cl-35
-90.80 To -61.12%
Max
Ratio
Min
Ratio
Cl035-n.tendl Threshold 4.4732 MeV
Cl035.endfb7.1 Threshold 4.7578 MeV
Cross Section (milli-barns)
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.4
0.3
0.2
0.1
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
22
Incident Energy (eV)
17-Cl-35

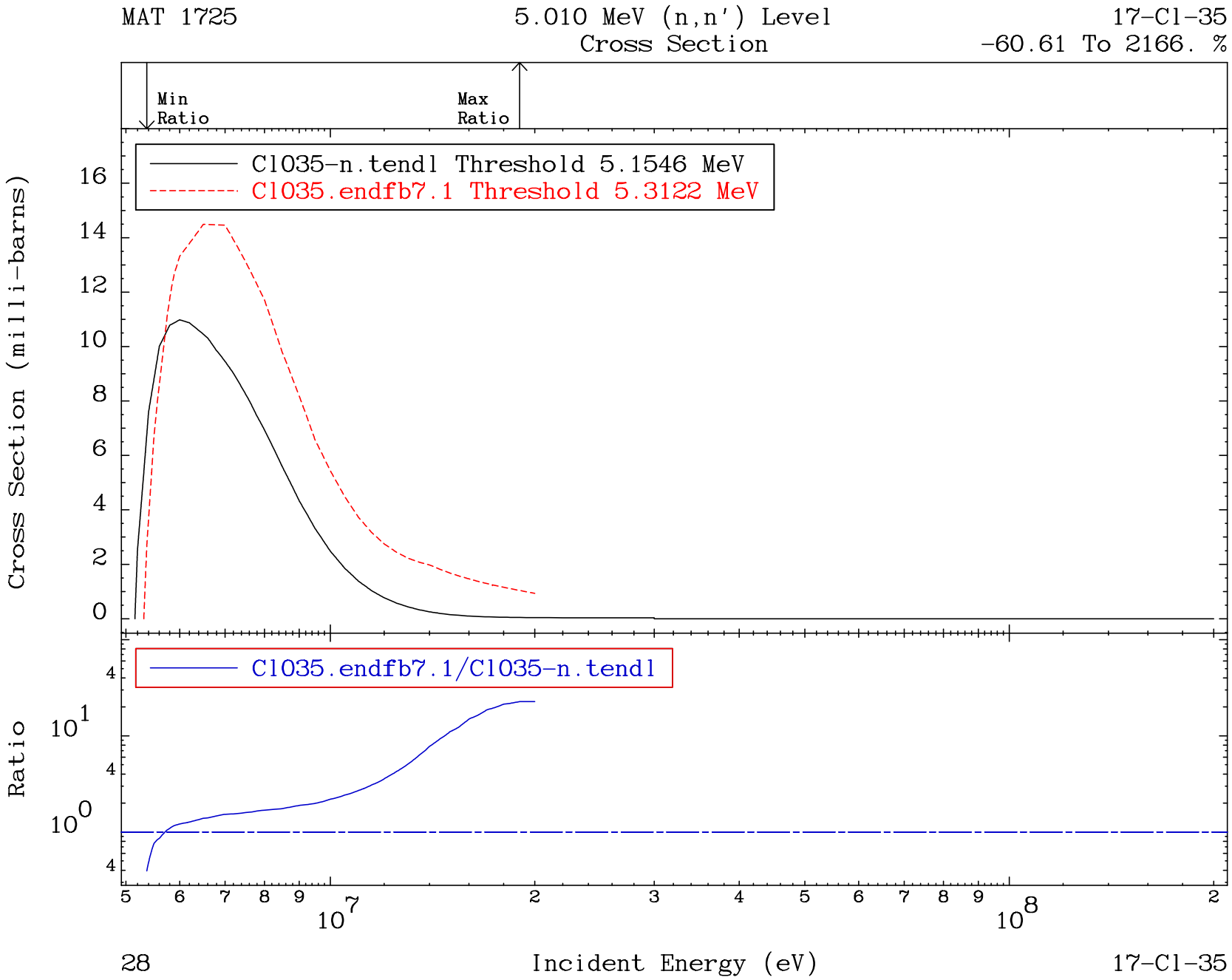

MAT 1725
4.624 MeV (n,n') Level
Cross Section
17-Cl-35
-91.81 To -24.12%
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 4.7577 MeV
Cl035.endfb7.1 Threshold 4.9075 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.8
0.4
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
23
Incident Energy (eV)
17-Cl-35

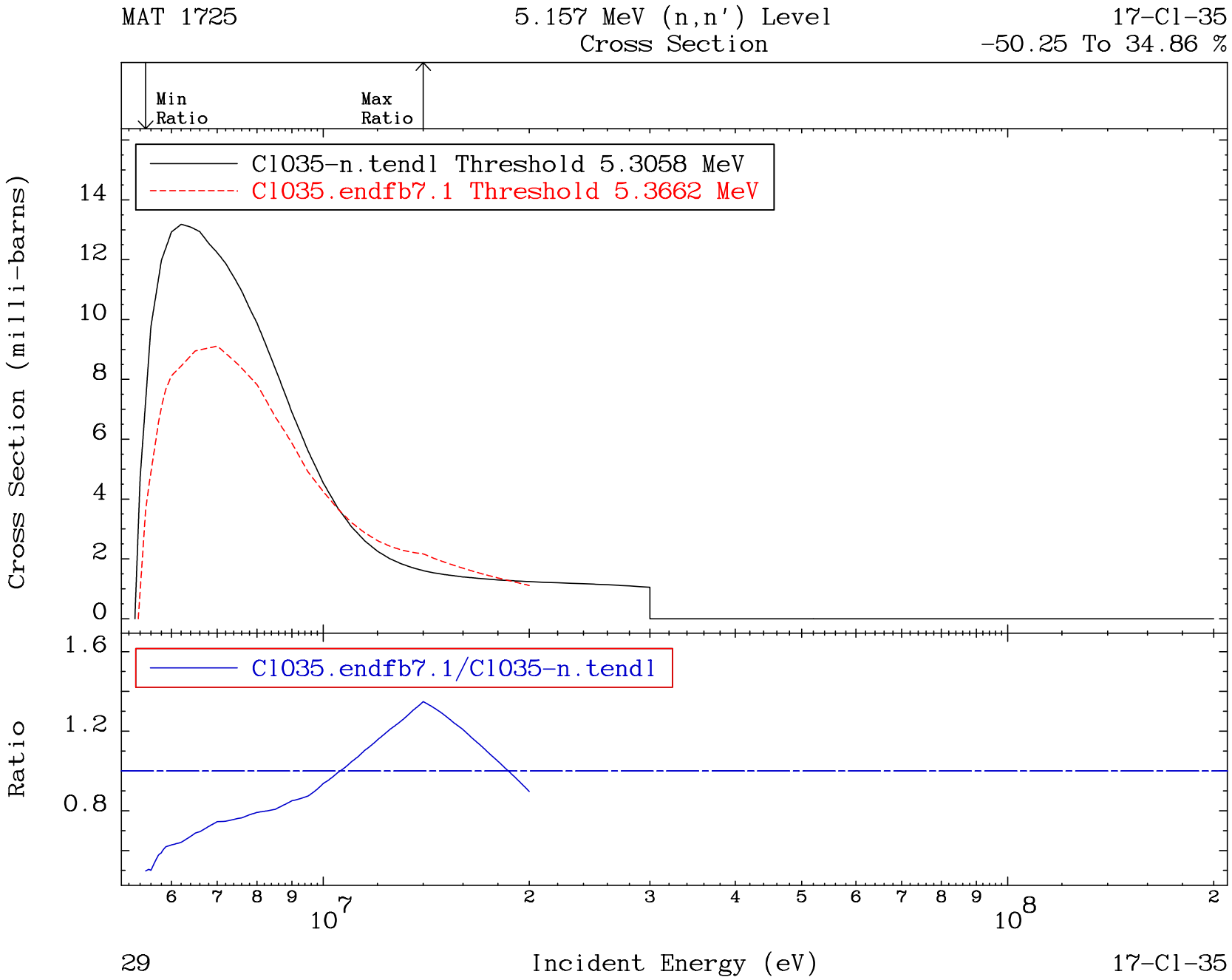

MAT 1725
4.769 MeV (n,n') Level
Cross Section
17-Cl-35
-97.54 To -78.60%
Max
Ratio
Min
Ratio
Cl035-n.tendl Threshold 4.9064 MeV
Cl035.endfb7.1 Threshold 4.9787 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.20
0.10
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
24
Incident Energy (eV)
17-Cl-35

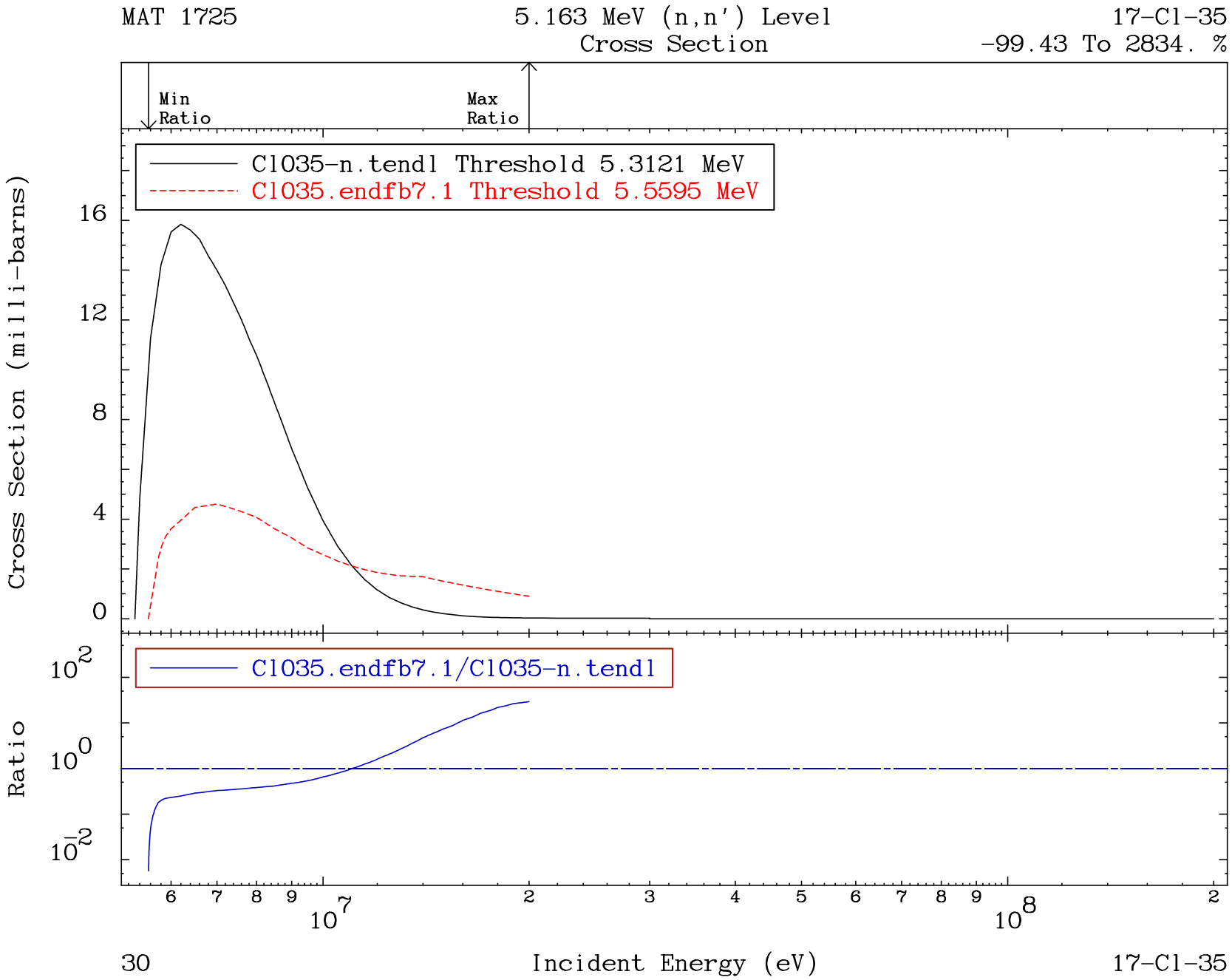

MAT 1725
4.839 MeV (n,n') Level
Cross Section
17-Cl-35
-97.52 To -61.22%
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 4.9787 MeV
Cl035.endfb7.1 Threshold 4.9944 MeV
Cross Section (milli-barns)
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
6
4
2
10^{-1}
6
4
2
5 6 7 8 9 10^{7} 2 3 4 5 6 7 8 9 10^{8} 2
25
Incident Energy (eV)
17-Cl-35

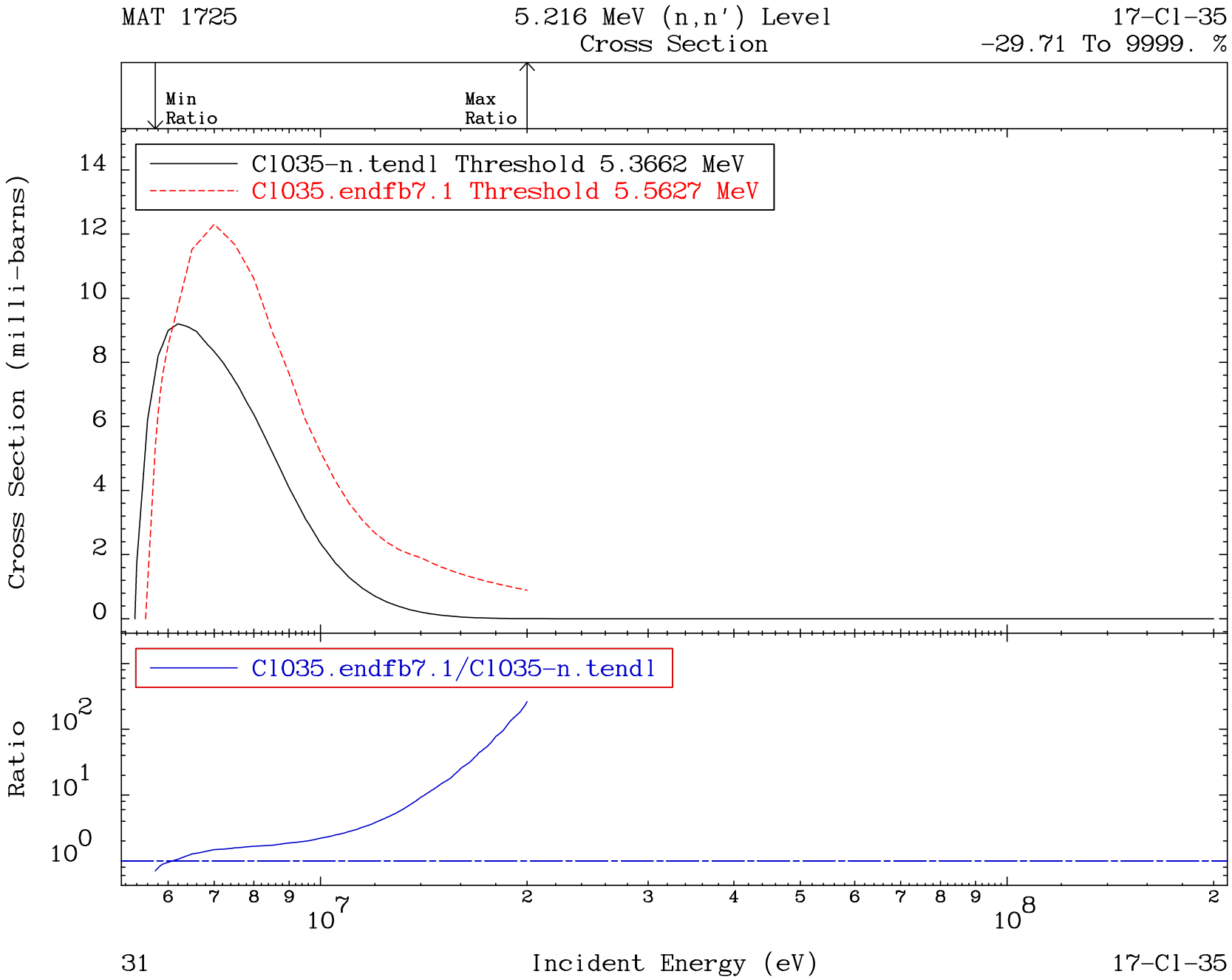

MAT 1725
4.854 MeV (n,n') Level
Cross Section
17-Cl-35
6.451 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 4.9944 MeV
Cl035.endfb7.1 Threshold 5.0219 MeV
Cross Section (milli-barns)
20
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^1
10^0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
26
Incident Energy (eV)
17-Cl-35

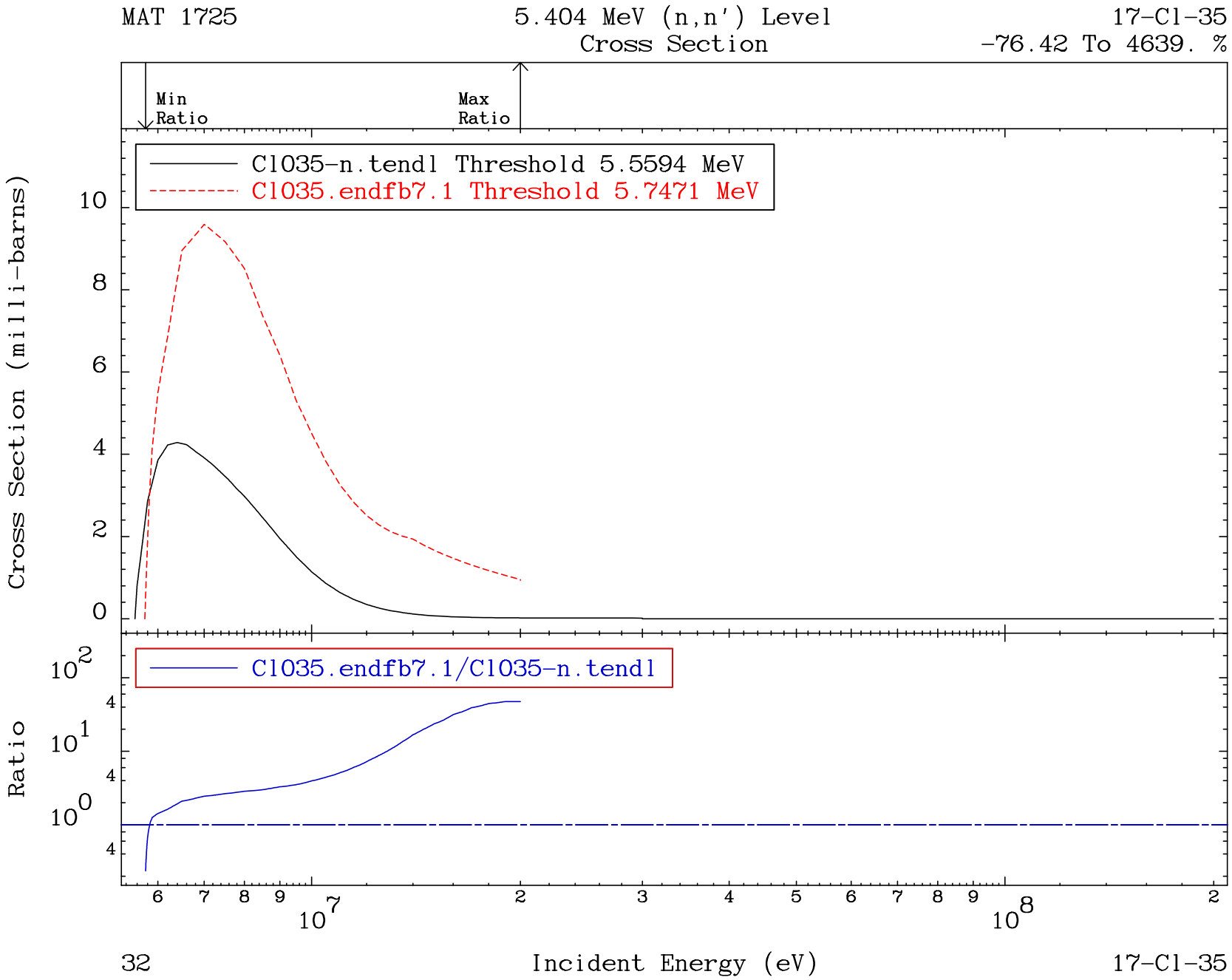

MAT 1725
4.881 MeV (n,n') Level
Cross Section
17-Cl-35
-81.72 To 5.263 %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.0219 MeV
Cl035.endfb7.1 Threshold 5.1549 MeV
Cross Section (milli-barns)
20
15
10
5
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
1.2
0.8
0.4
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
27
Incident Energy (eV)
17-Cl-35

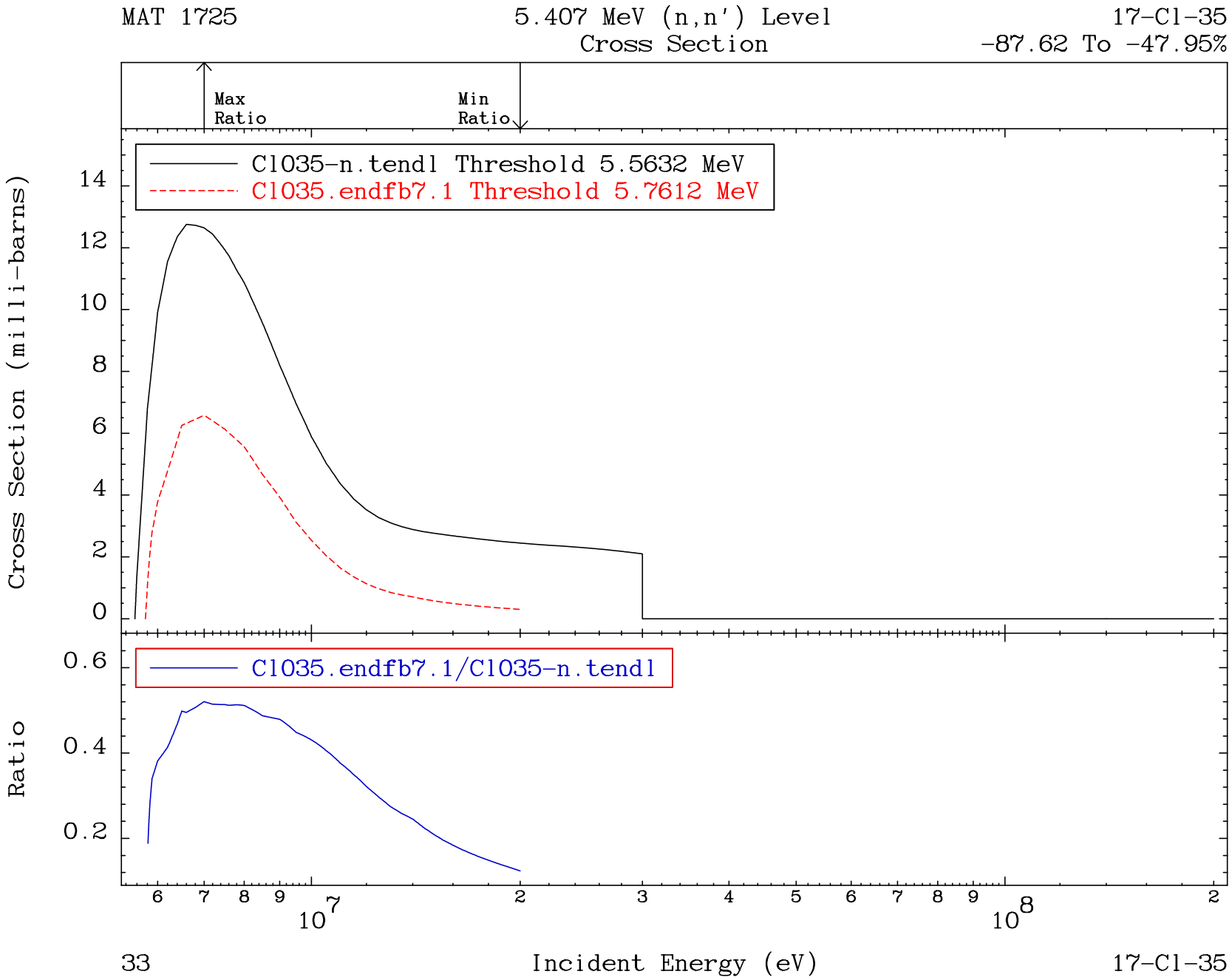

MAT 1725
5.010 MeV (n,n') Level
Cross Section
17-Cl-35
-60.61 To 2166. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.1546 MeV
Cl035.endfb7.1 Threshold 5.3122 MeV
Cross Section (milli-barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
28
17-Cl-35

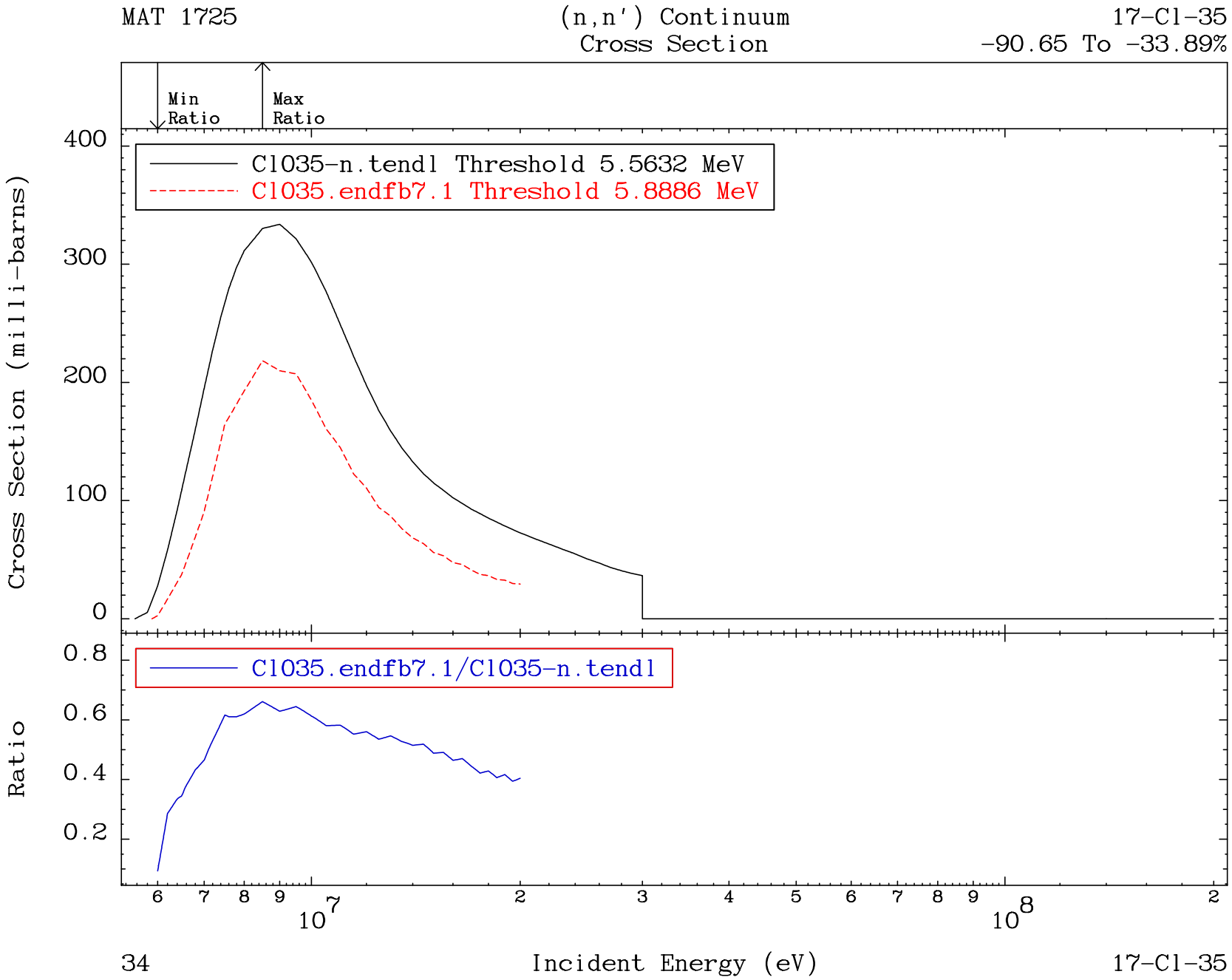

MAT 1725
5.157 MeV (n,n') Level
Cross Section
17-Cl-35
-50.25 To 34.86 %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.3058 MeV
Cl035.endfb7.1 Threshold 5.3662 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
1.6
1.2
0.8
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
17-Cl-35

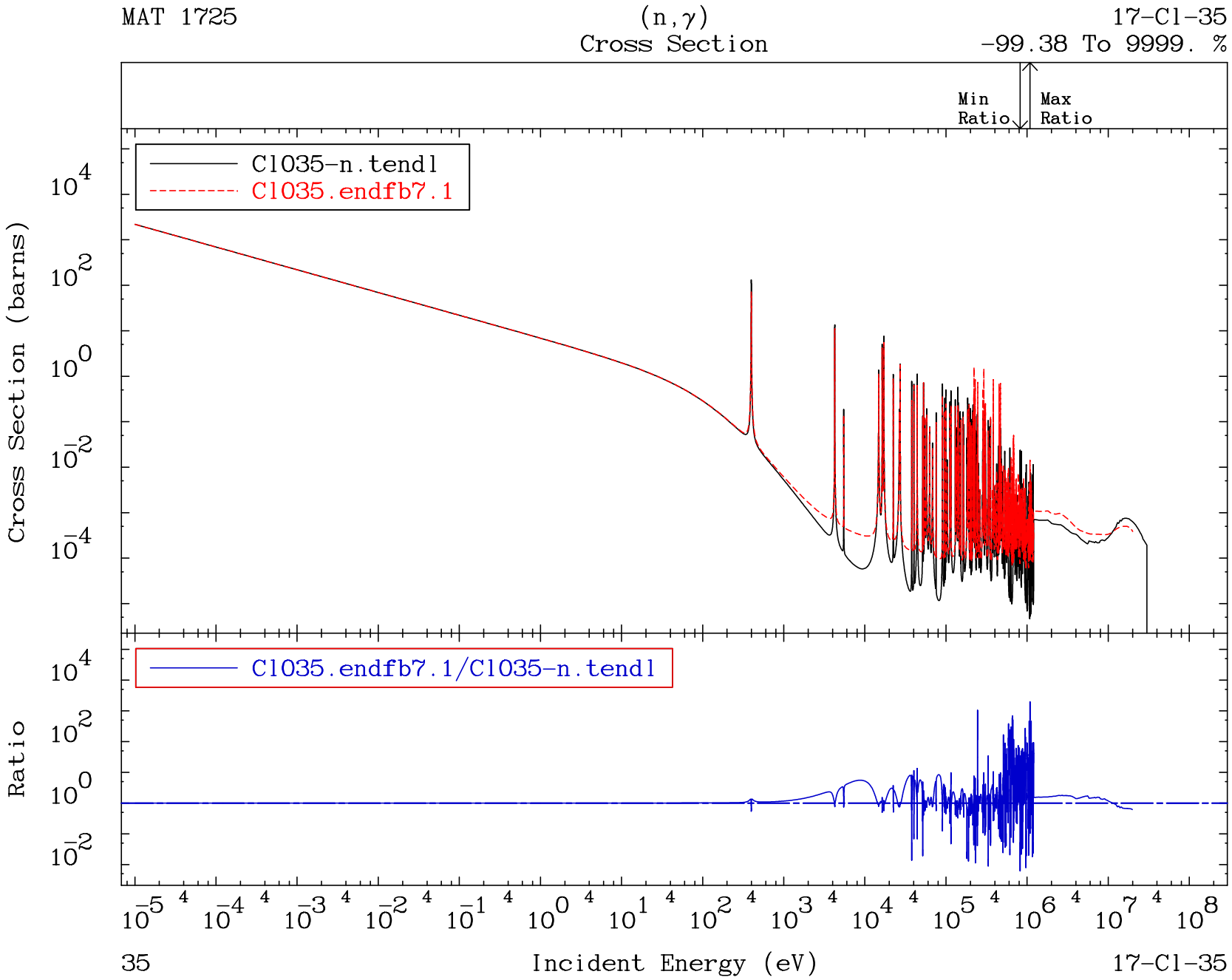

MAT 1725
5.163 MeV (n,n') Level
Cross Section
17-Cl-35
-99.43 To 2834. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.3121 MeV
Cl035.endfb7.1 Threshold 5.5595 MeV
Cross Section (milli-barns)
16
12
8
4
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^2
10^0
10^-2
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
30
Incident Energy (eV)
17-Cl-35

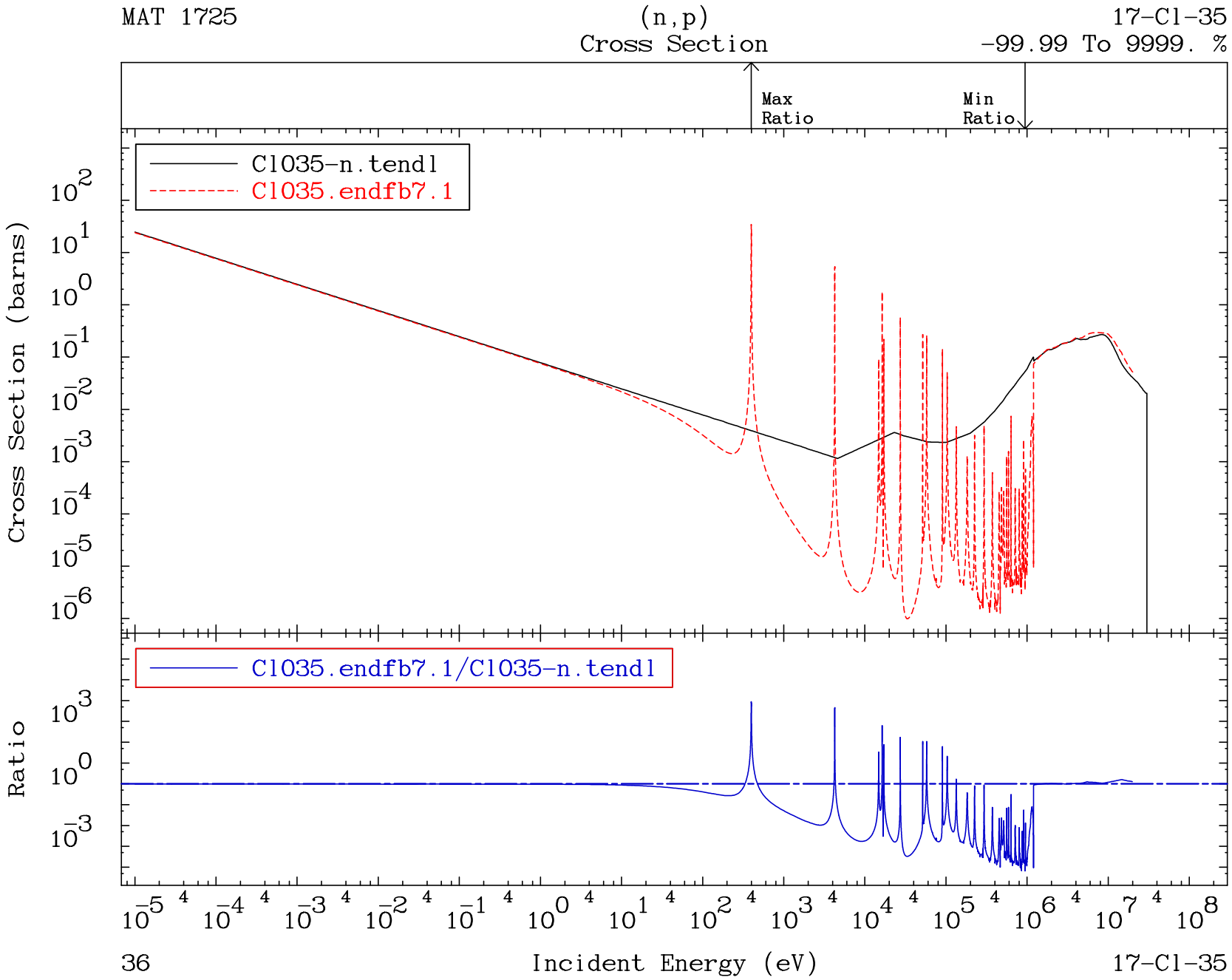

MAT 1725
5.216 MeV (n,n') Level
Cross Section
17-Cl-35
-29.71 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.3662 MeV
Cl035.endfb7.1 Threshold 5.5627 MeV
Cross Section (milli-barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
31
17-Cl-35

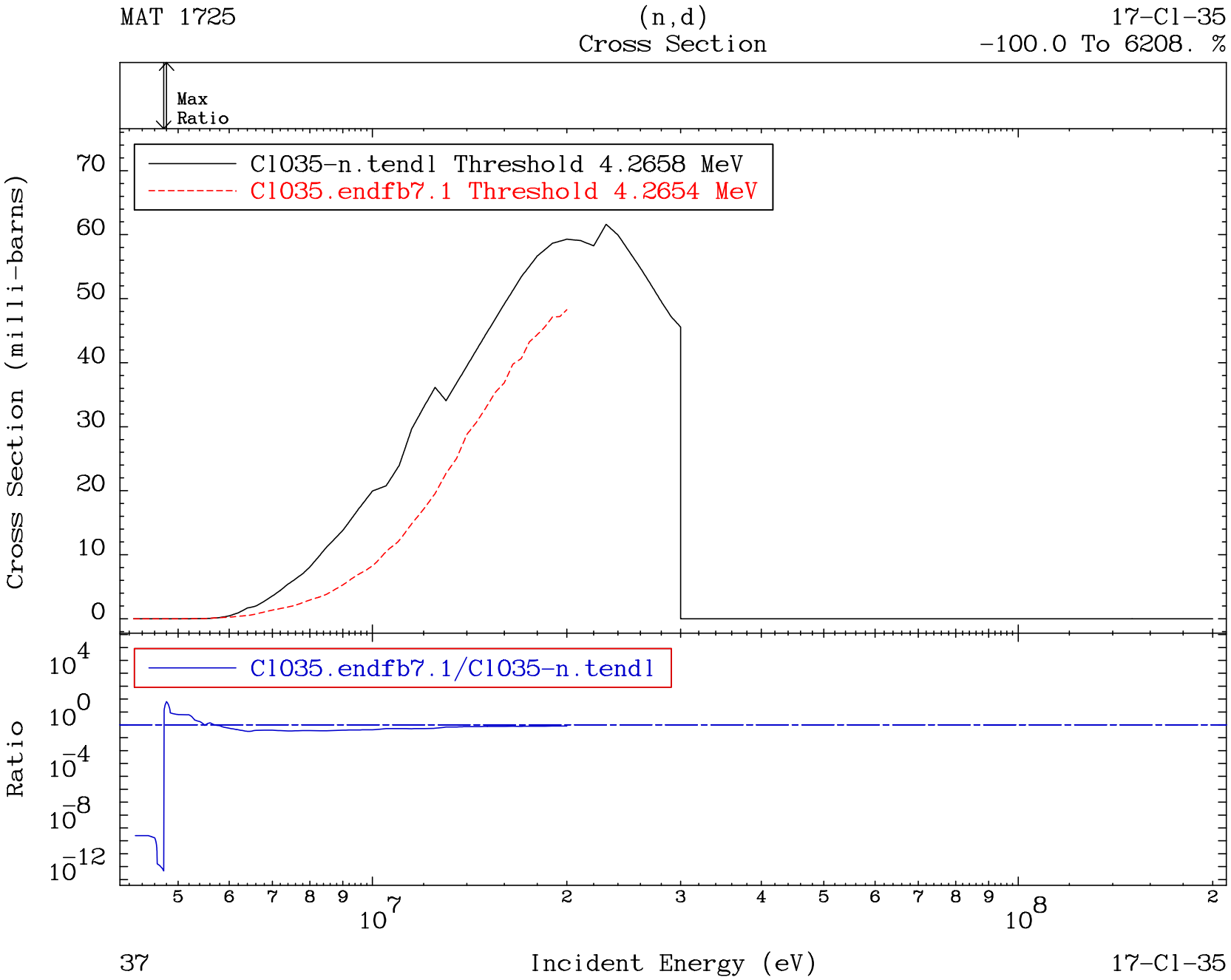

MAT 1725
5.404 MeV (n,n') Level
Cross Section
17-Cl-35
-76.42 To 4639. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.5594 MeV
Cl035.endfb7.1 Threshold 5.7471 MeV
Cross Section (milli-barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
32
17-Cl-35

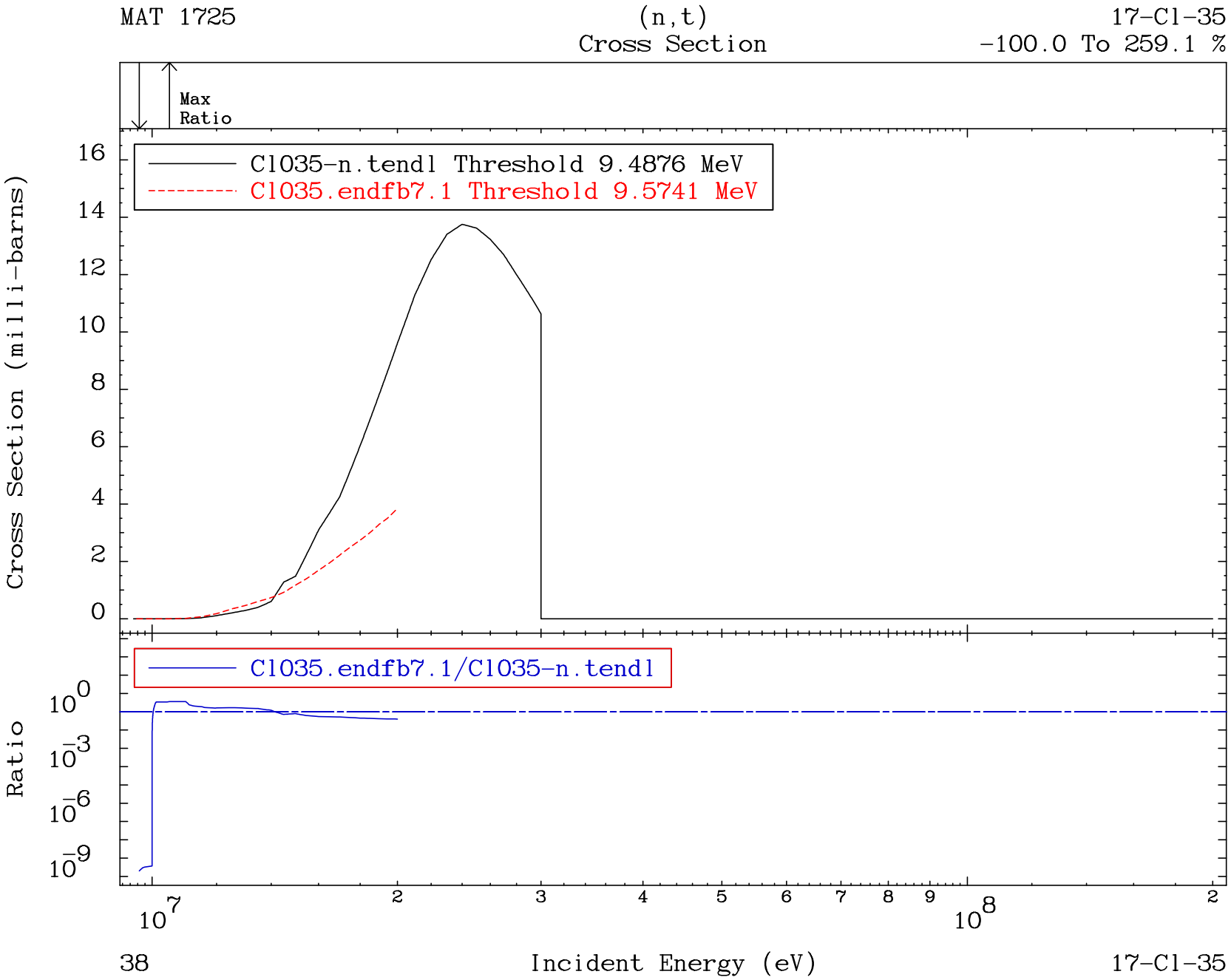

MAT 1725
5.407 MeV (n,n') Level
Cross Section
17-Cl-35
-87.62 To -47.95%
Max
Ratio
Min
Ratio
Cl035-n.tendl Threshold 5.5632 MeV
Cl035.endfb7.1 Threshold 5.7612 MeV
Cross Section (milli-barns)
14
12
10
8
6
4
2
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.6
0.4
0.2
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
33
Incident Energy (eV)
17-Cl-35

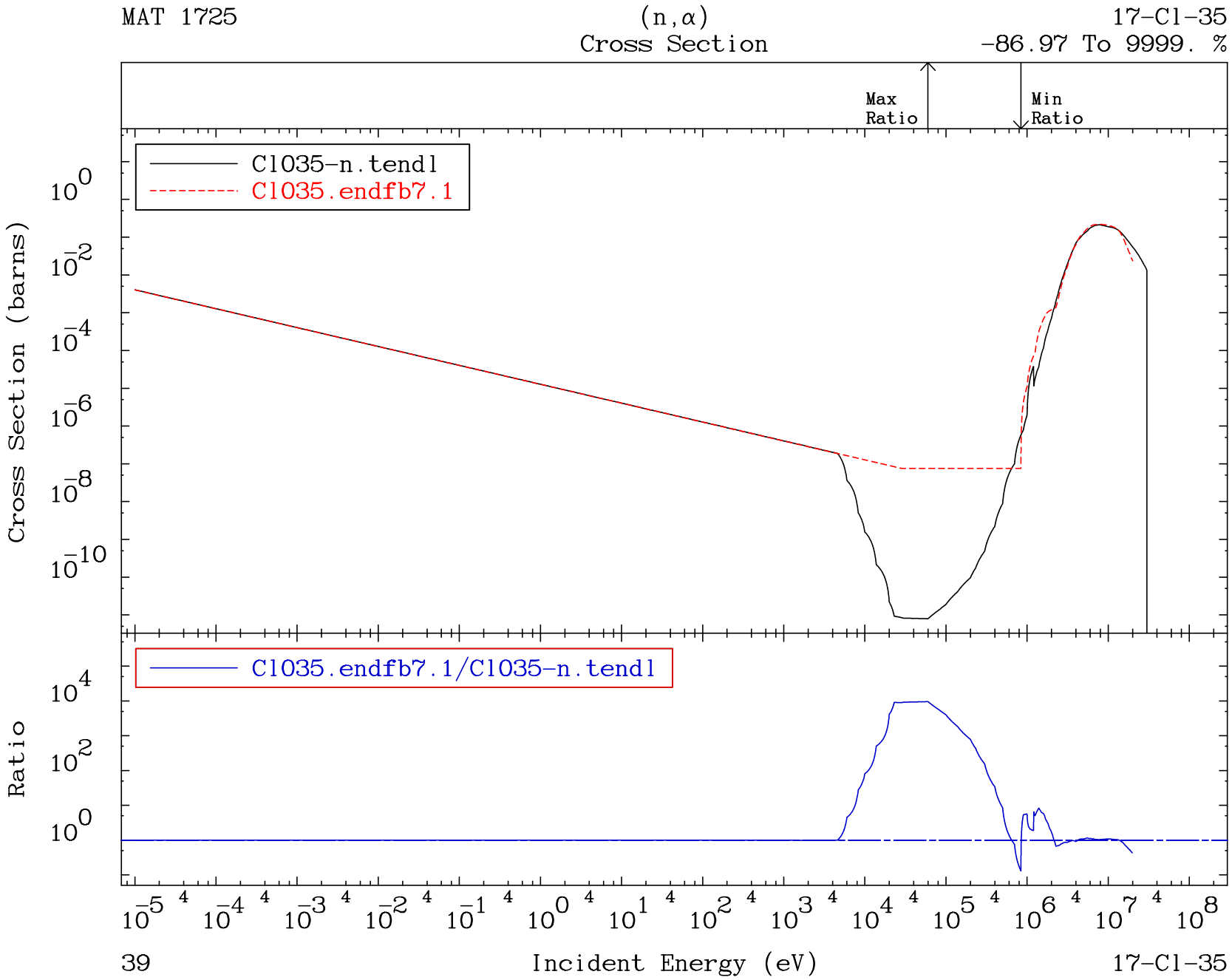

MAT 1725
(n,n') Continuum
Cross Section
17-Cl-35
-90.65 To -33.89%
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 5.5632 MeV
Cl035.endfb7.1 Threshold 5.8886 MeV
Cross Section (milli-barns)
400
300
200
100
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
0.8
0.6
0.4
0.2
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
17-Cl-35

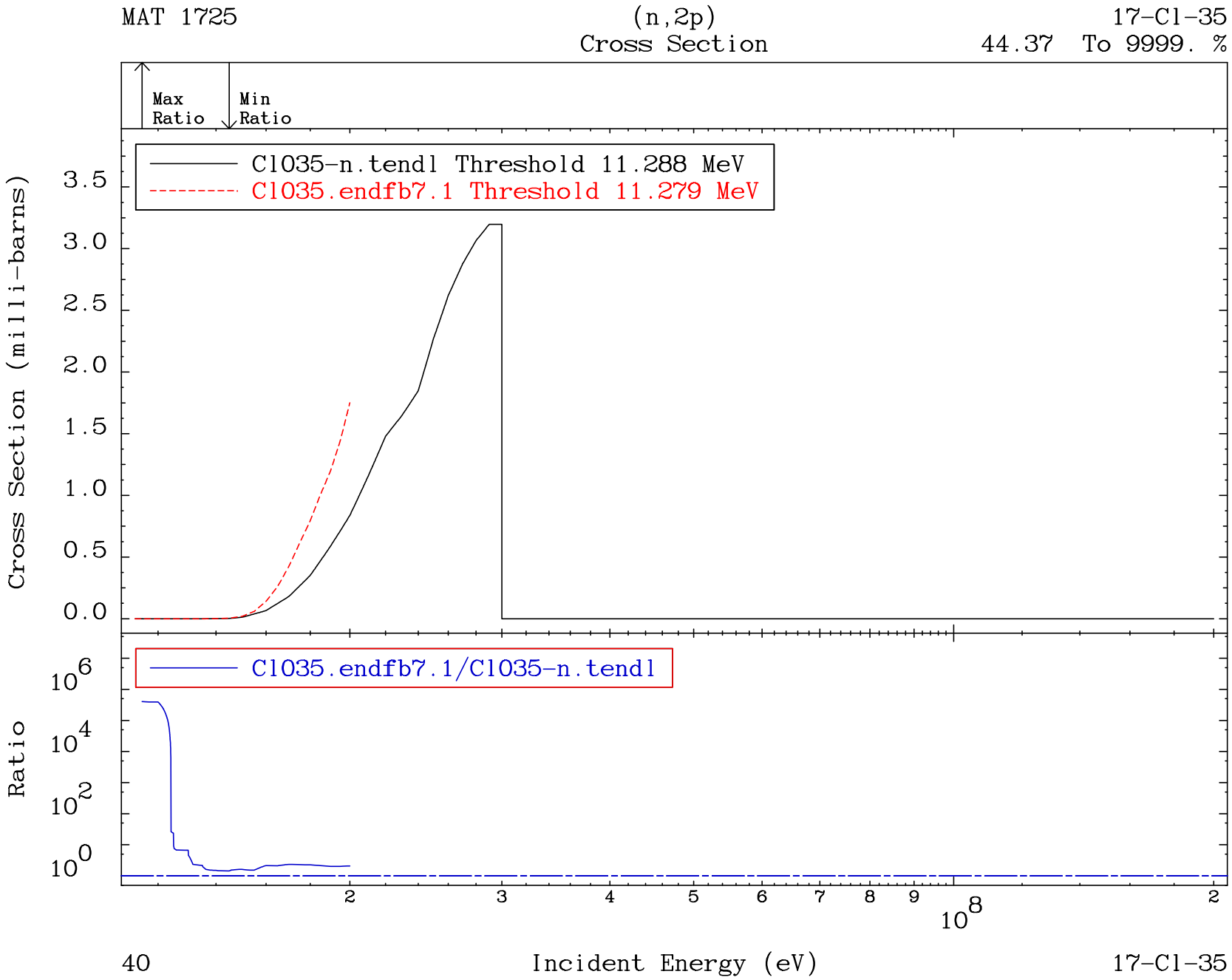

MAT 1725
(n,γ)
Cross Section
17-Cl-35
-99.38 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
35
Incident Energy (eV)
17-Cl-35

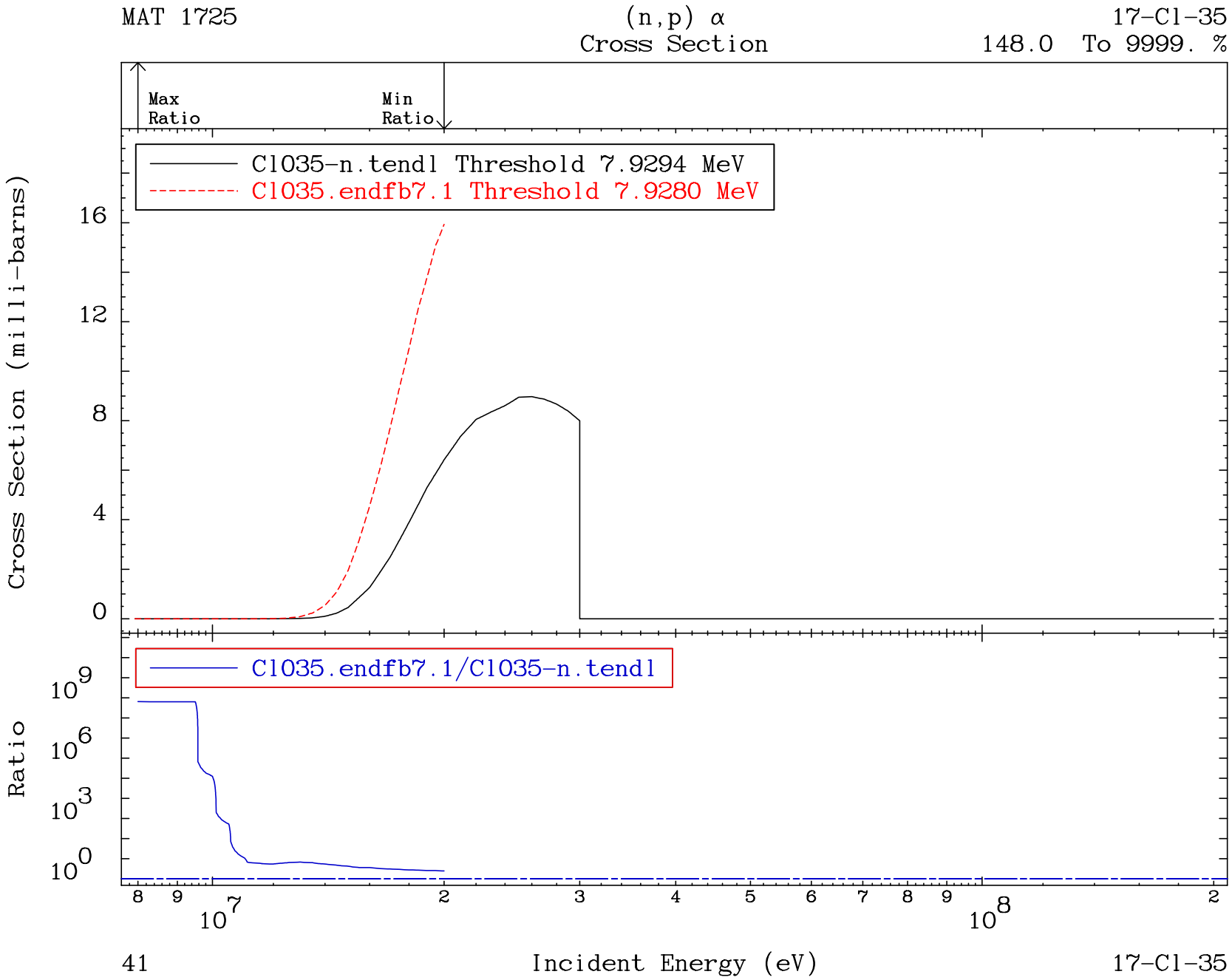

MAT 1725
(n,p)
Cross Section
17-Cl-35
-99.99 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
36
17-Cl-35

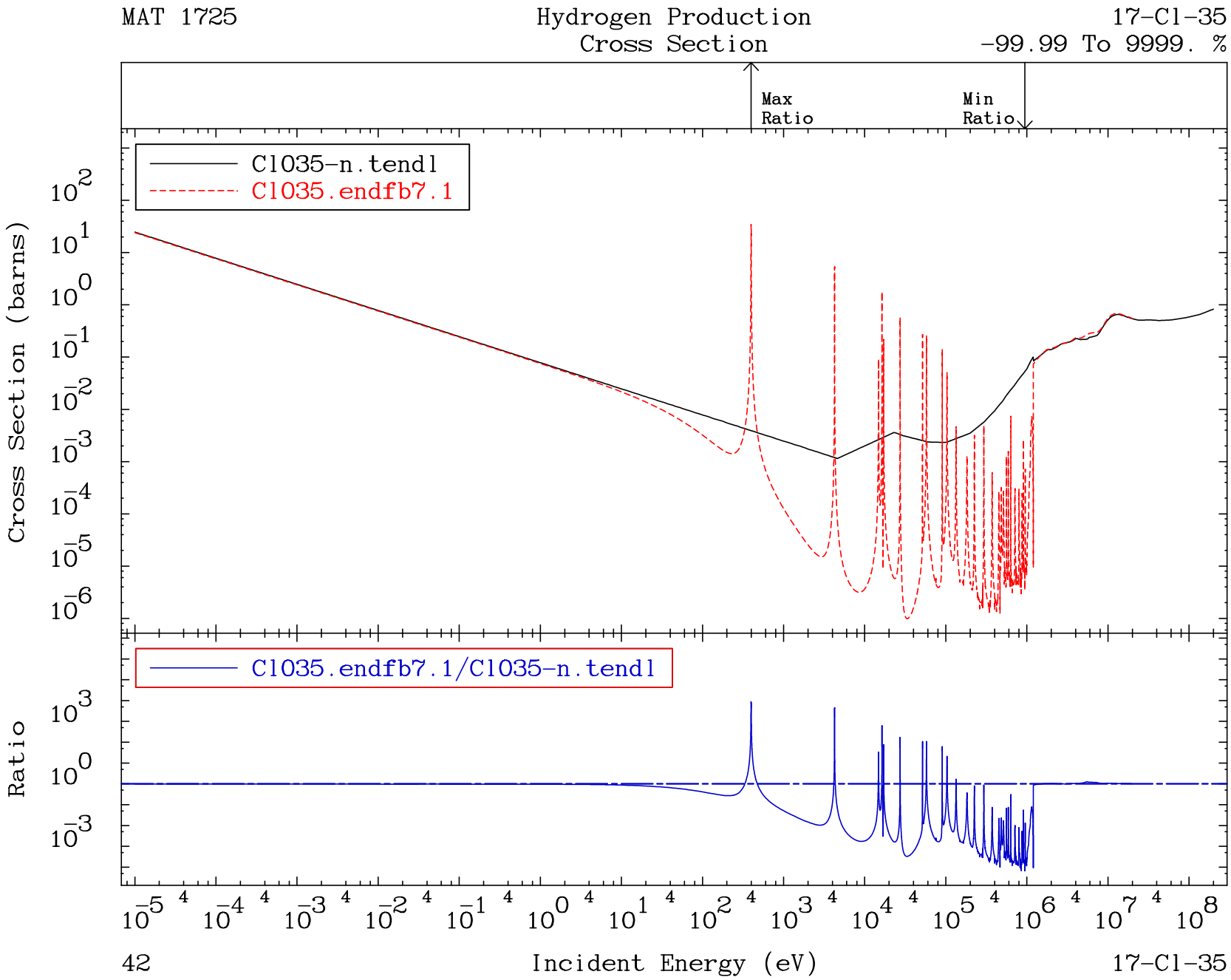

MAT 1725
(n,d)
Cross Section
17-Cl-35
-100.0 To 6208. %
Max
Ratio
Cl035-n.tendl Threshold 4.2658 MeV
Cl035.endfb7.1 Threshold 4.2654 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^4
10^0
10^-4
10^-8
10^-12
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
37
Incident Energy (eV)
17-Cl-35

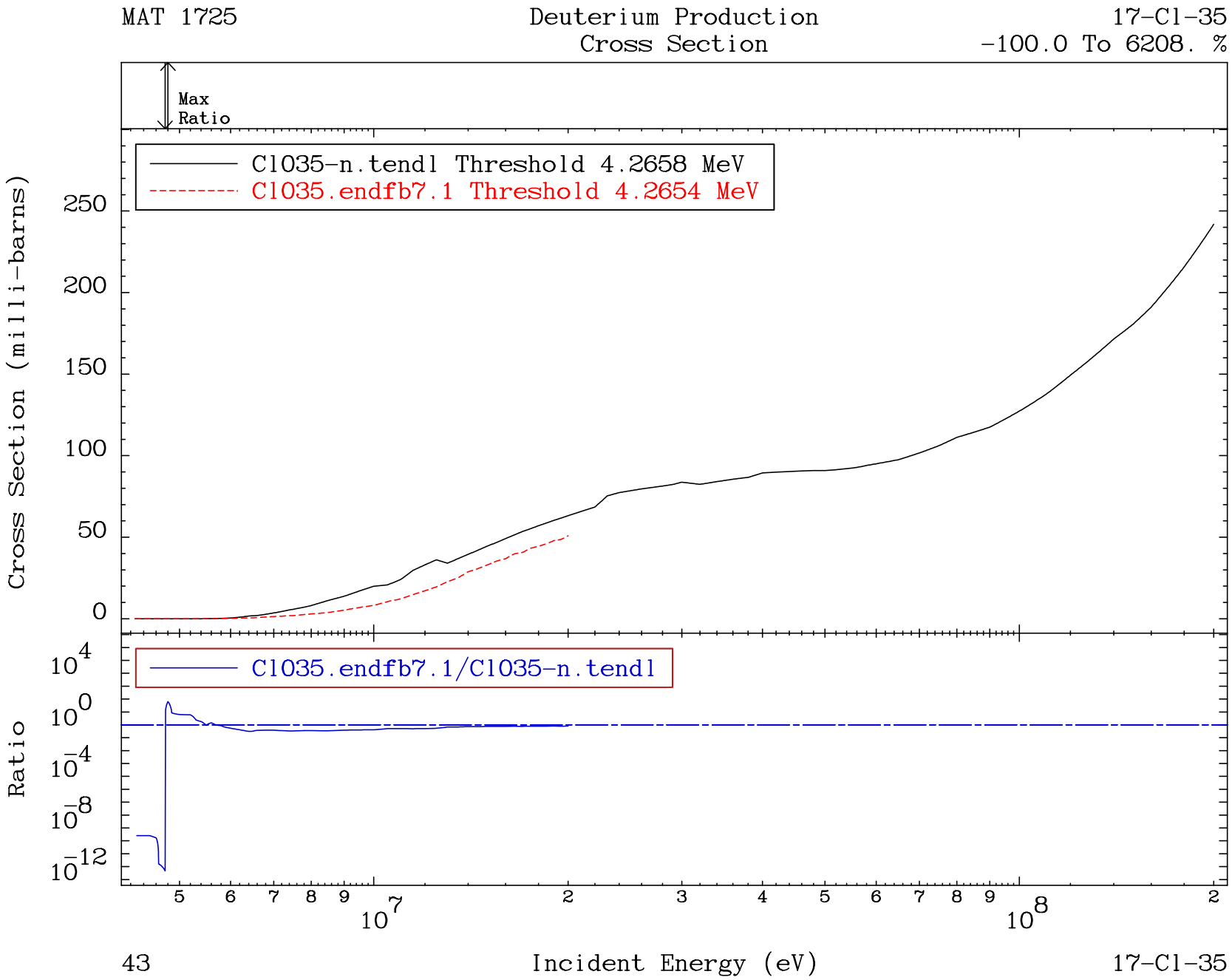

MAT 1725
(n,t)
Cross Section
17-Cl-35
-100.0 To 259.1 %
Max
Ratio
Cl035-n.tendl Threshold 9.4876 MeV
Cl035.endfb7.1 Threshold 9.5741 MeV
Cross Section (milli-barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
38
17-Cl-35

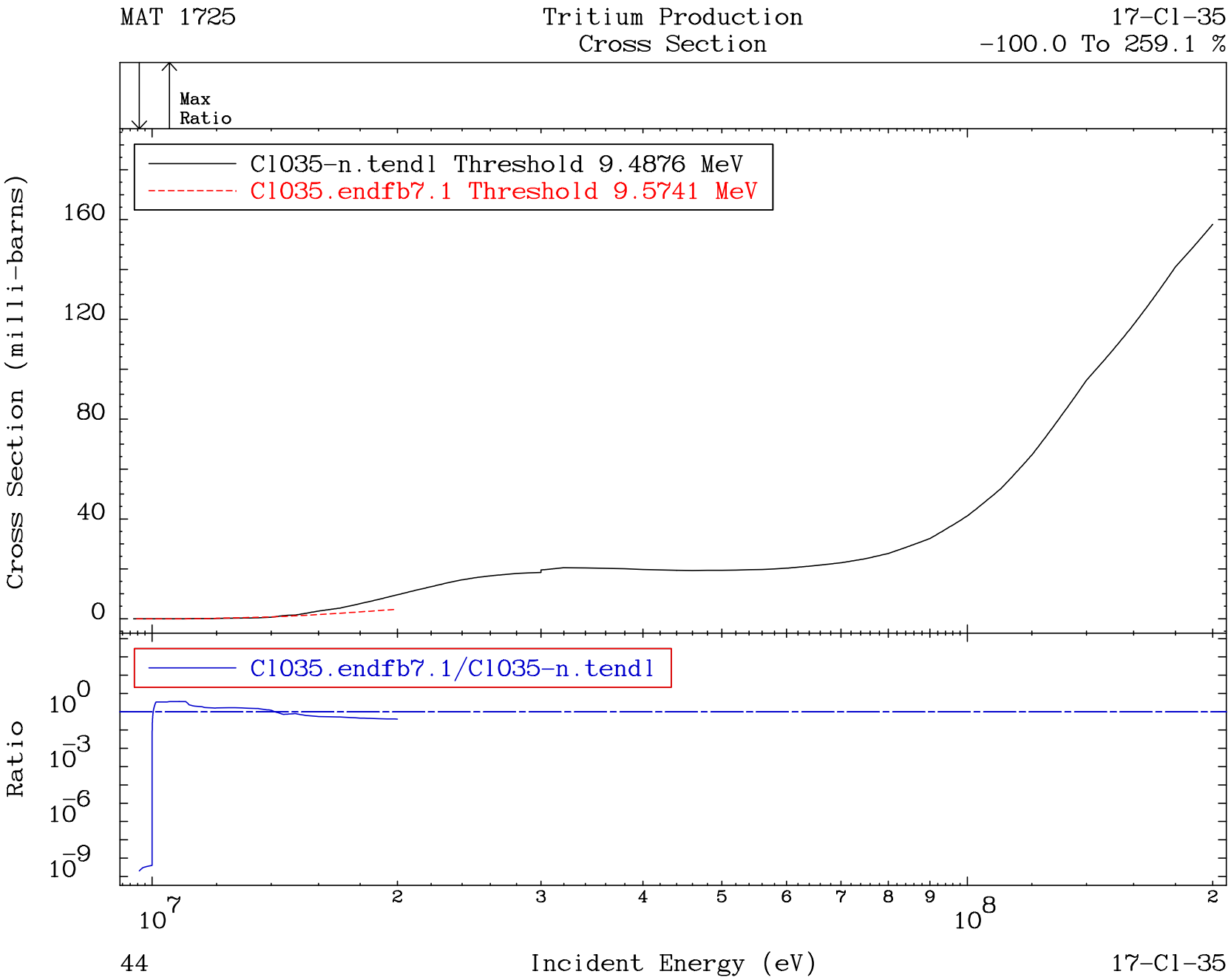

MAT 1725
(n,α)
Cross Section
17-Cl-35
-86.97 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
39
17-Cl-35

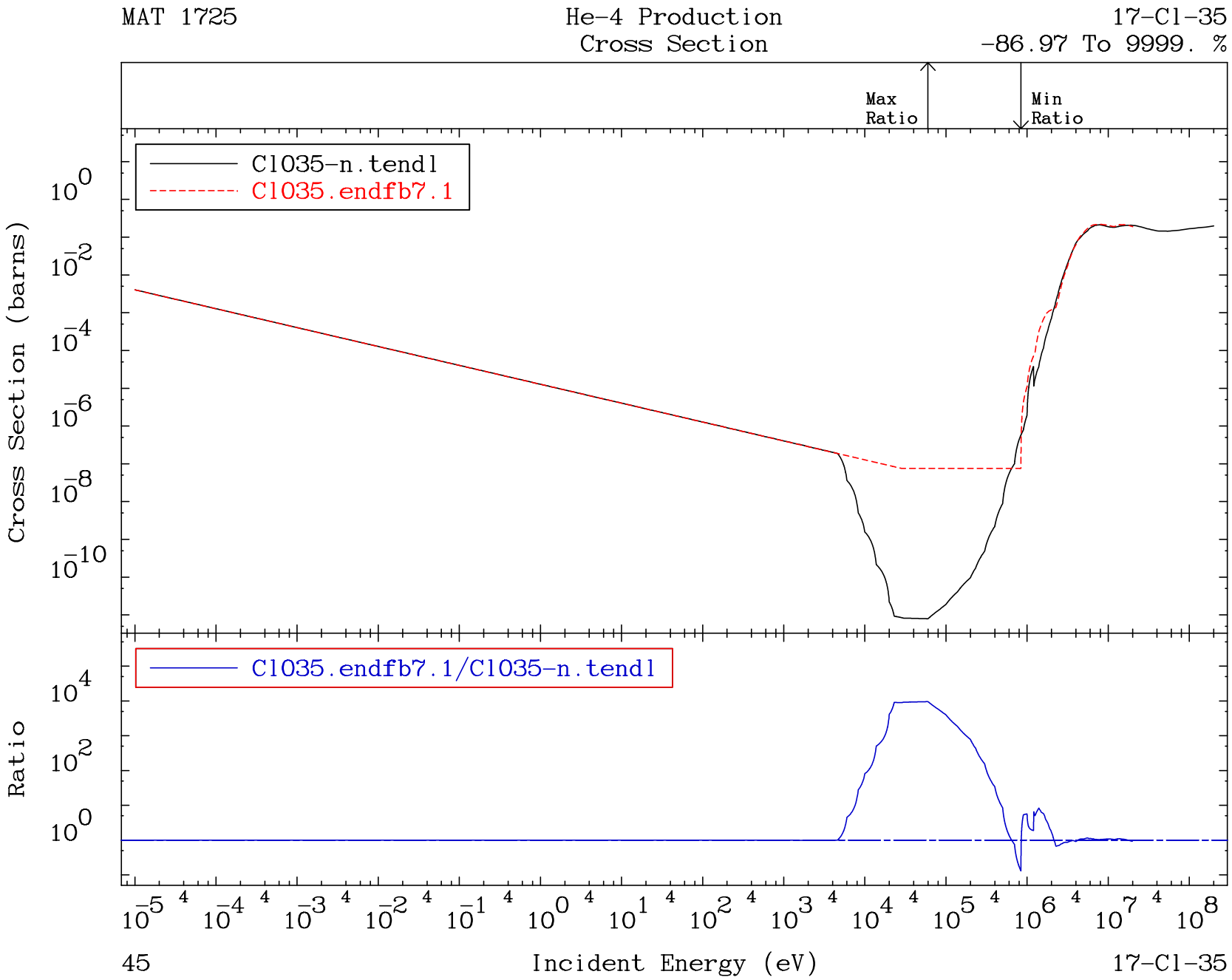

MAT 1725
(n,2p)
Cross Section
17-Cl-35
44.37 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 11.288 MeV
Cl035.endfb7.1 Threshold 11.279 MeV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^6
10^4
10^2
10^0
2
3
4
5
6
7
8
9
10^8
2
40
Incident Energy (eV)
17-Cl-35

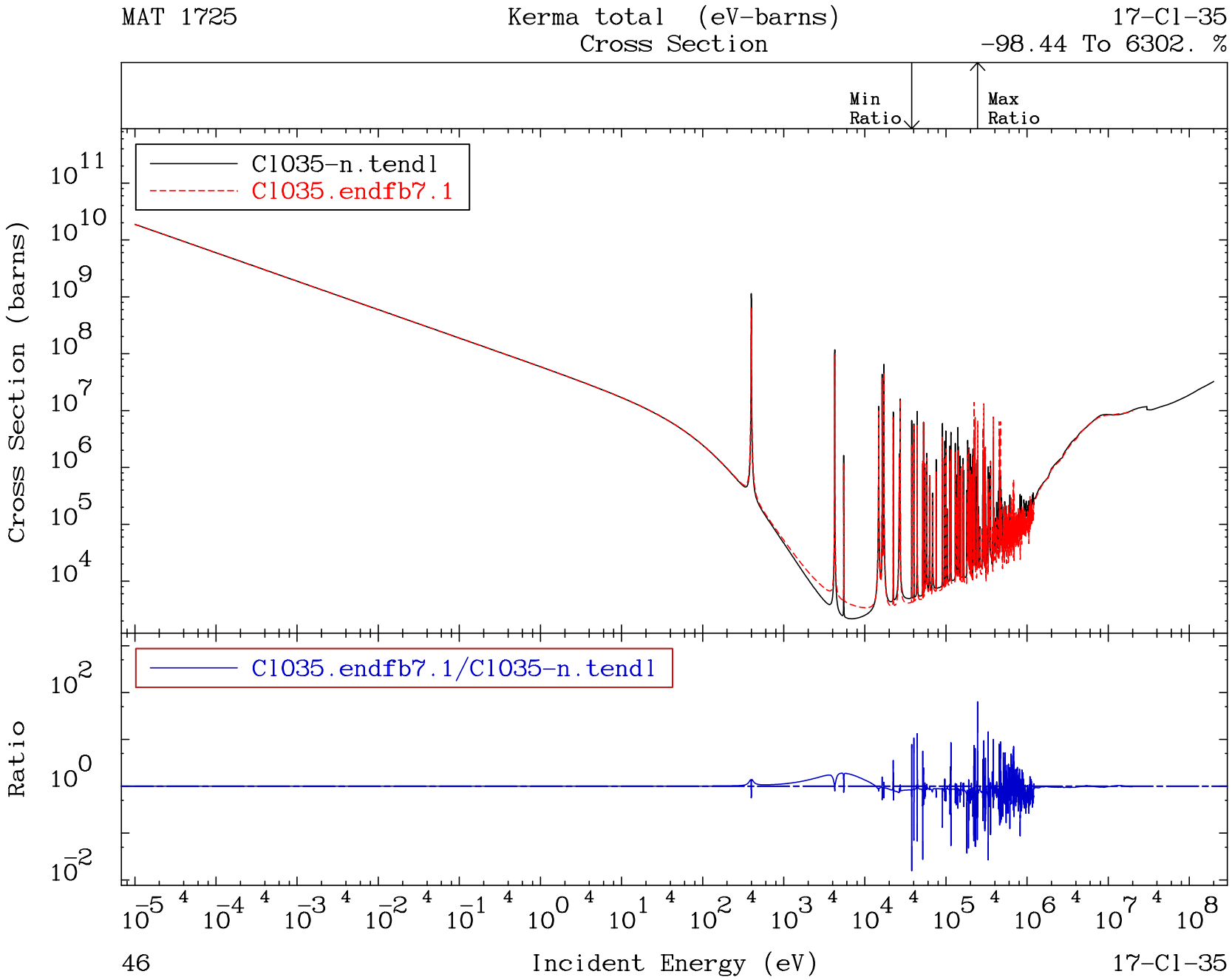

MAT 1725
(n,p) α
Cross Section
17-Cl-35
148.0 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl Threshold 7.9294 MeV
Cl035.endfb7.1 Threshold 7.9280 MeV
Cross Section (milli-barns)
16
12
8
4
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^9
10^6
10^3
10^0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
41
Incident Energy (eV)
17-Cl-35

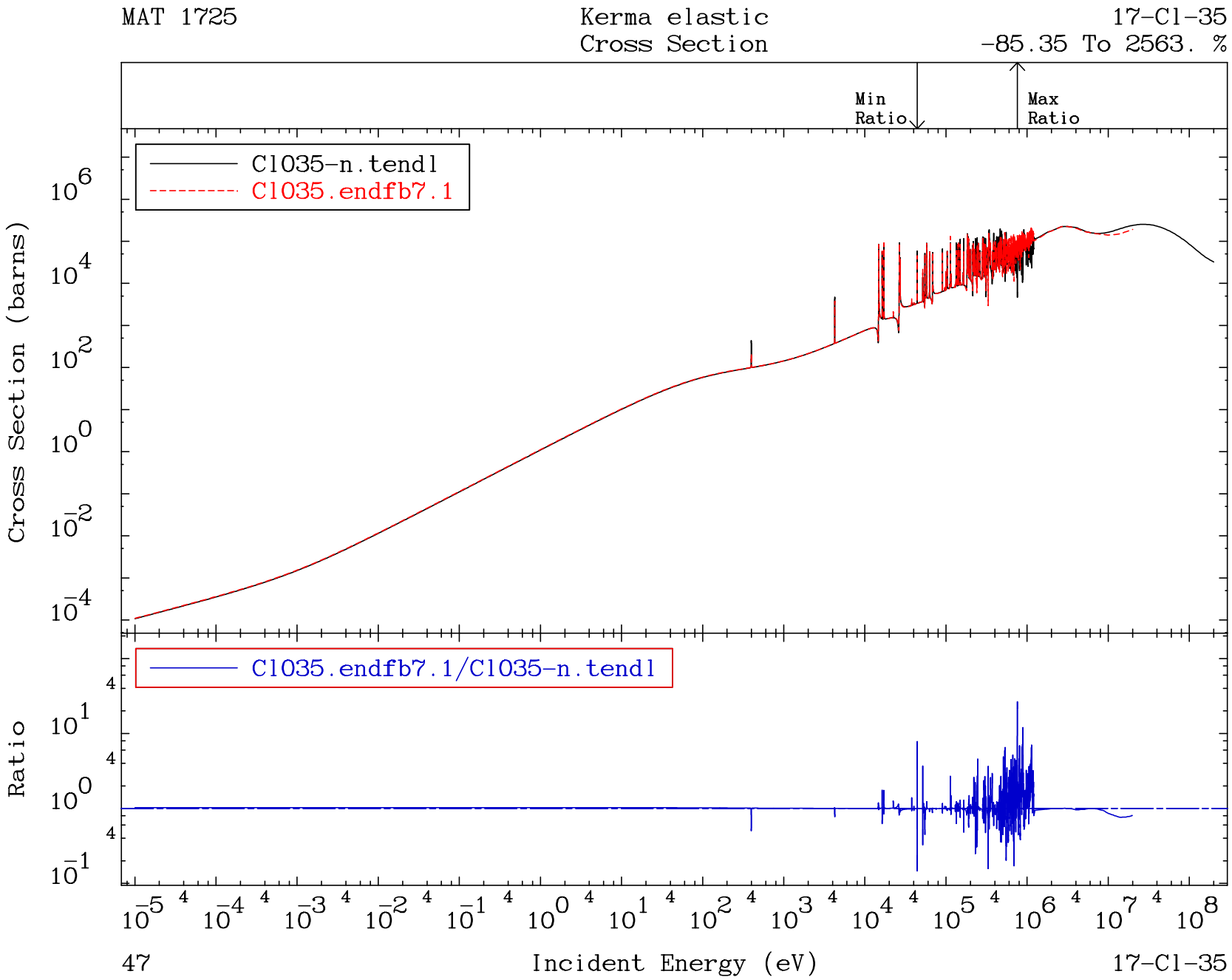

MAT 1725
Hydrogen Production
Cross Section
17-Cl-35
-99.99 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
42
17-Cl-35

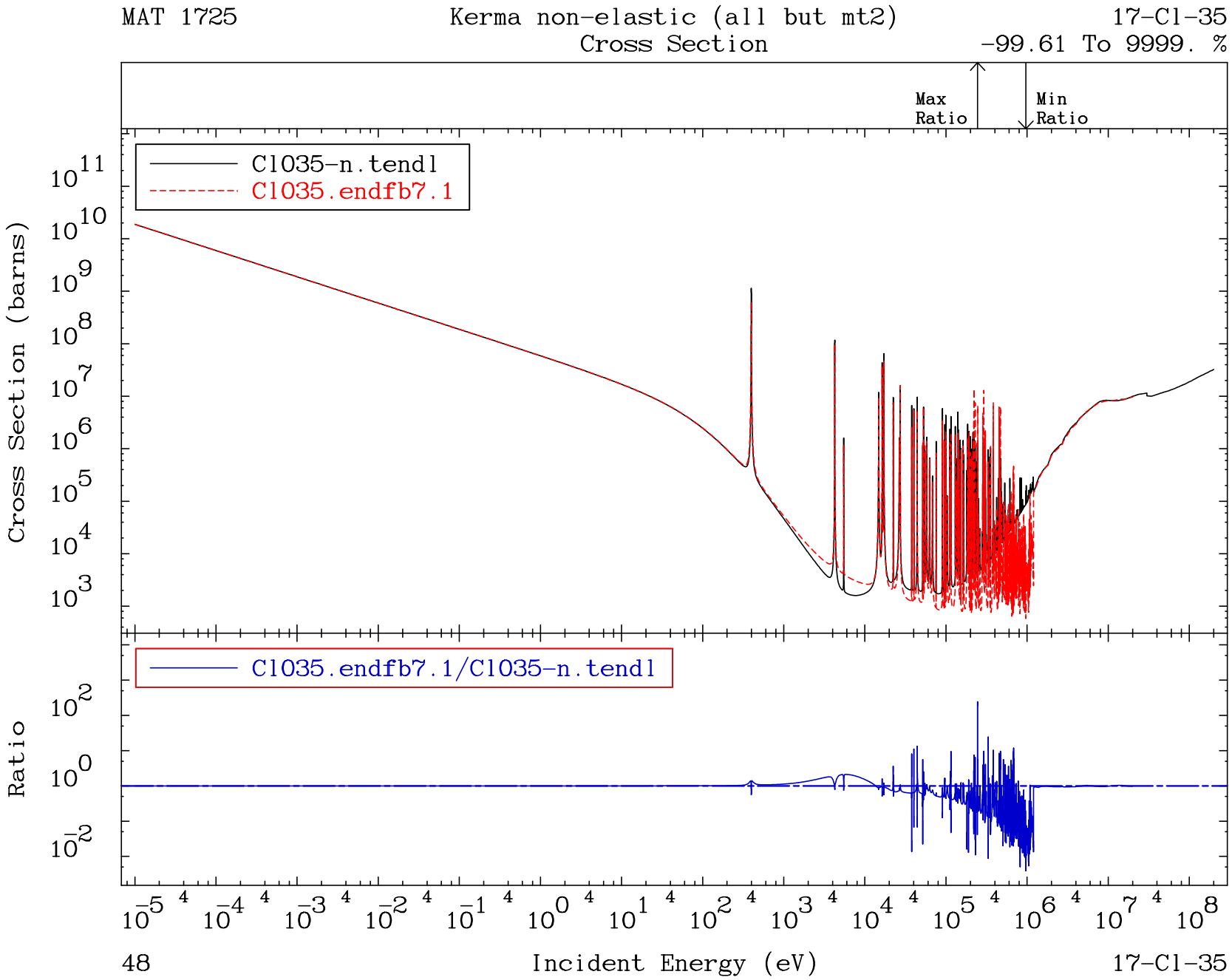

MAT 1725
Deuterium Production
Cross Section
17-Cl-35
-100.0 To 6208. %
Max
Ratio
Cl035-n.tendl Threshold 4.2658 MeV
Cl035.endfb7.1 Threshold 4.2654 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^4
10^0
10^-4
10^-8
10^-12
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
43
Incident Energy (eV)
17-Cl-35

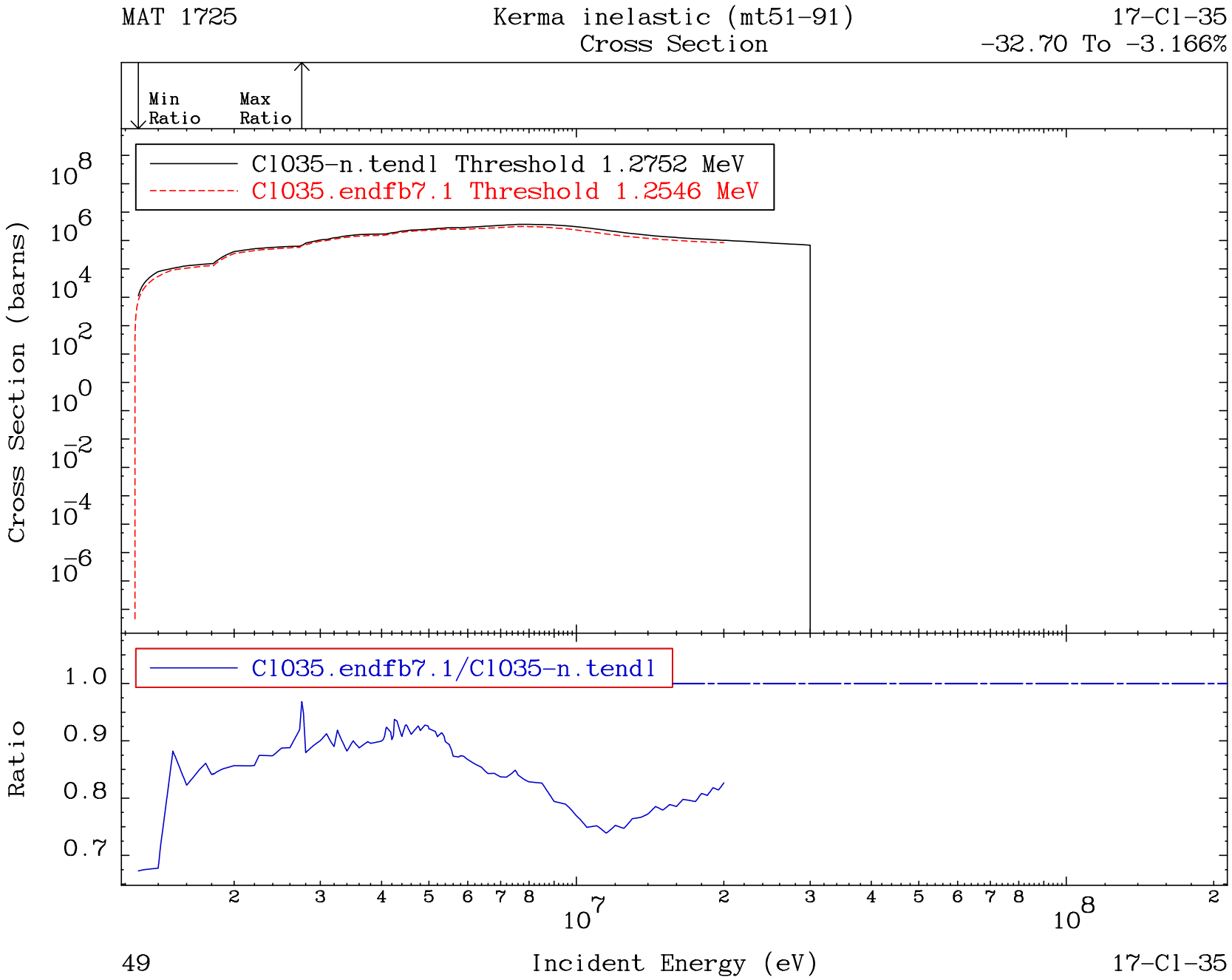

MAT 1725
Tritium Production
Cross Section
17-Cl-35
-100.0 To 259.1 %
Max
Ratio
Cl035-n.tendl Threshold 9.4876 MeV
Cl035.endfb7.1 Threshold 9.5741 MeV
Cross Section (milli-barns)
160
120
80
40
0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
10^0
10^-3
10^-6
10^-9
10^7
2
3
4
5
6
7
8
9
10^8
2
44
Incident Energy (eV)
17-Cl-35

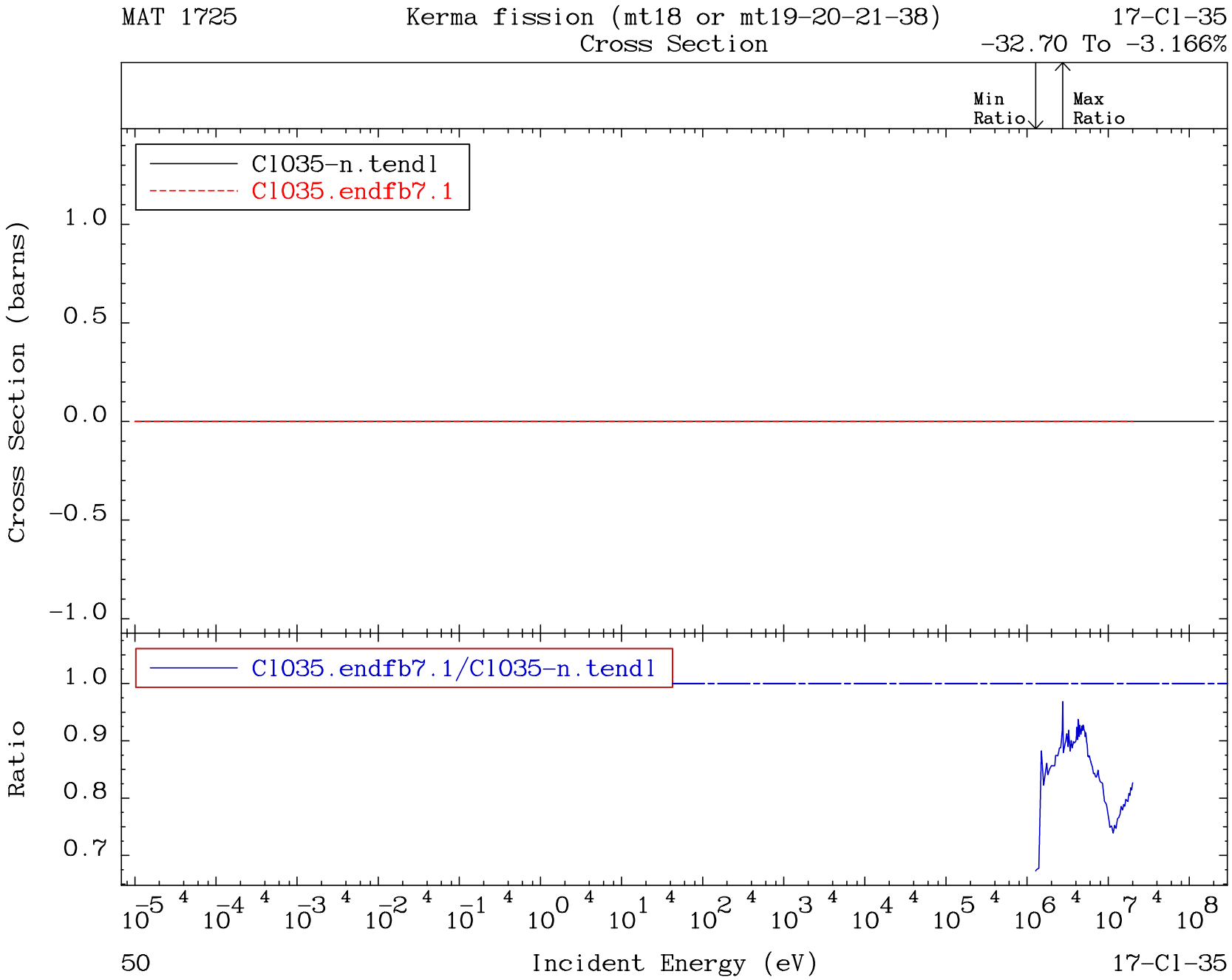

MAT 1725
He-4 Production
Cross Section
17-Cl-35
-86.97 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
45
17-Cl-35

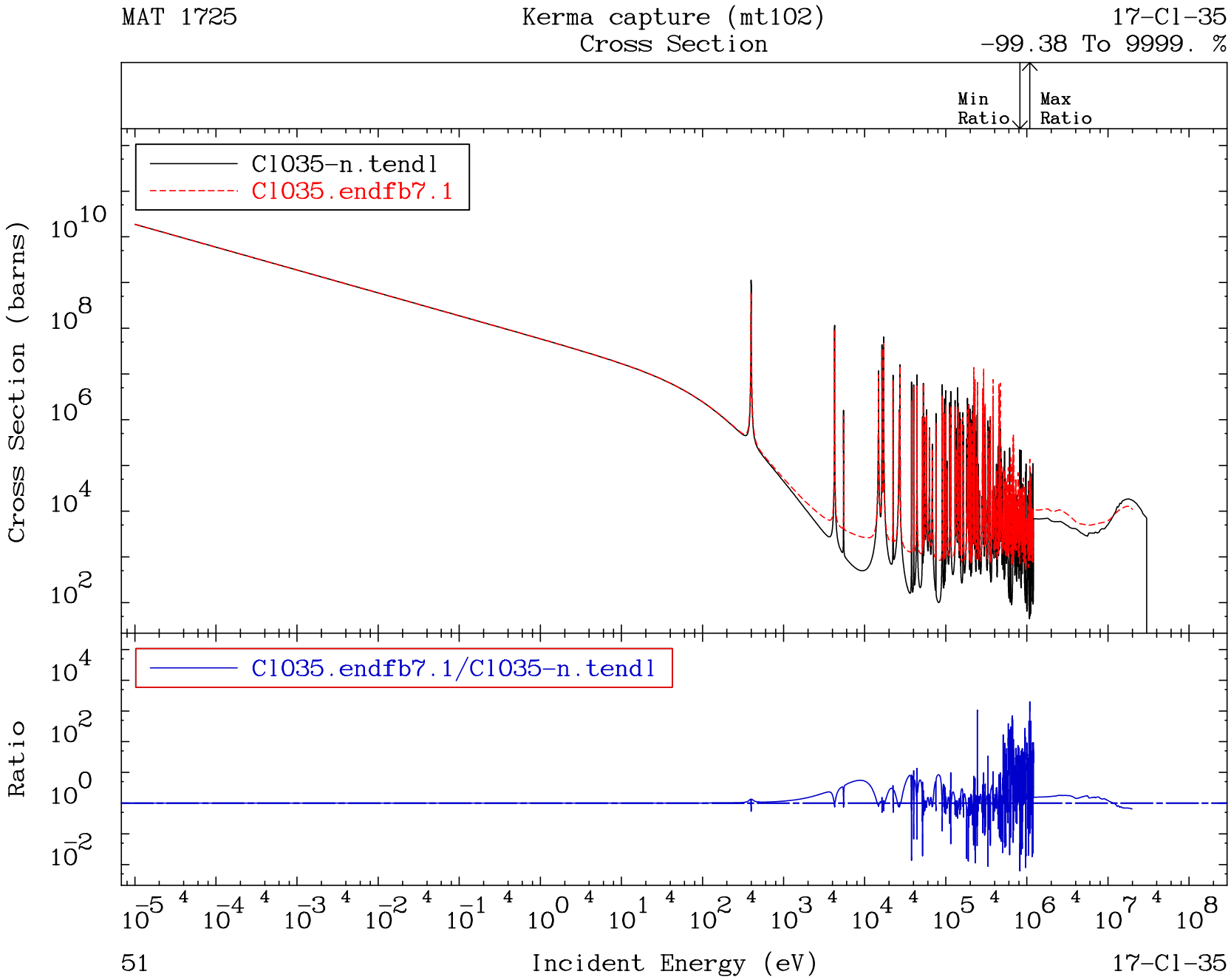

MAT 1725
Kerma total (eV-barns)
Cross Section
17-Cl-35
-98.44 To 6302. %
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
46
17-Cl-35

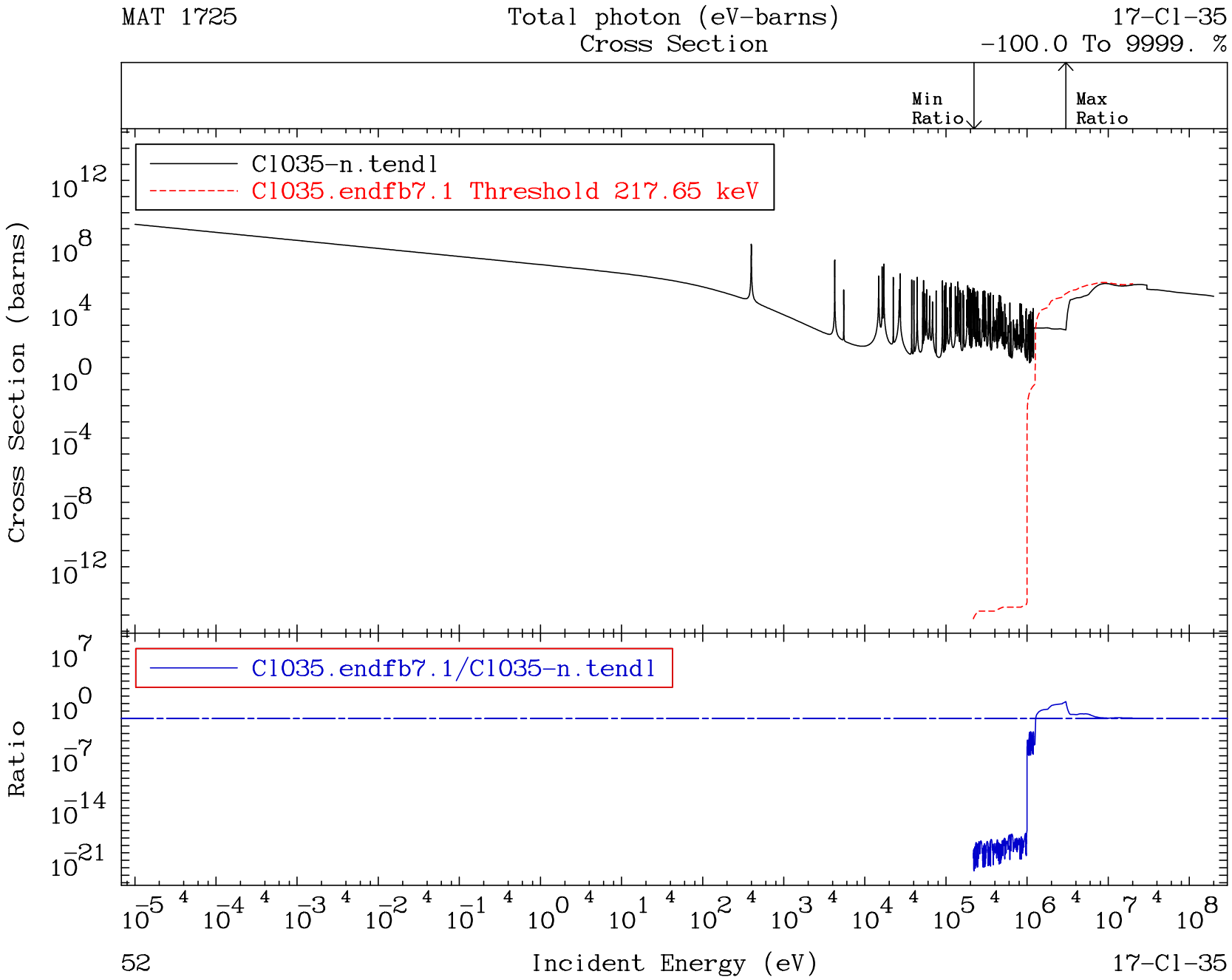

MAT 1725
Kerma elastic
Cross Section
17-Cl-35
-85.35 To 2563. %
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
47
17-Cl-35

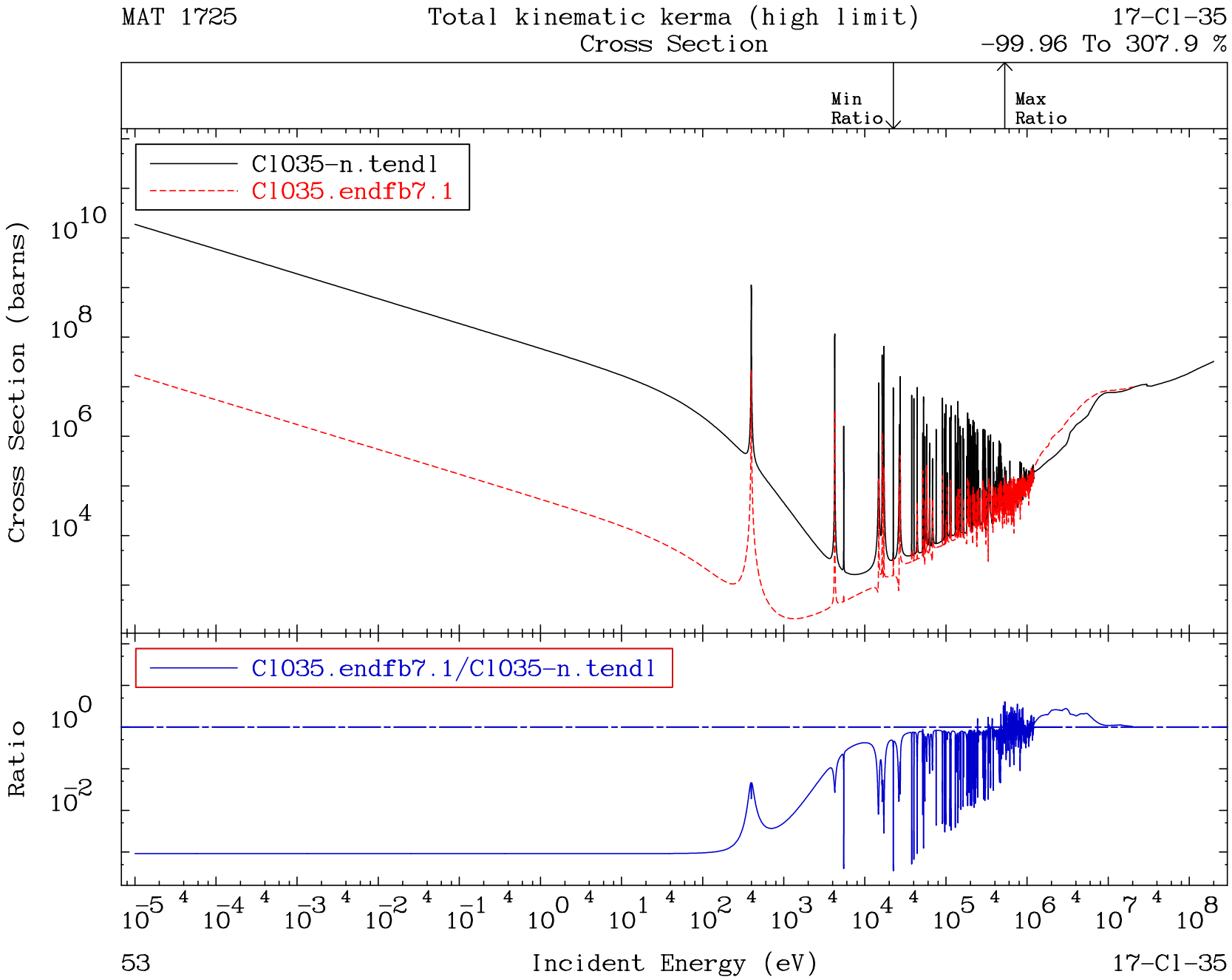

MAT 1725
Kerma non-elastic (all but mt2)
Cross Section
17-Cl-35
-99.61 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
48
17-Cl-35

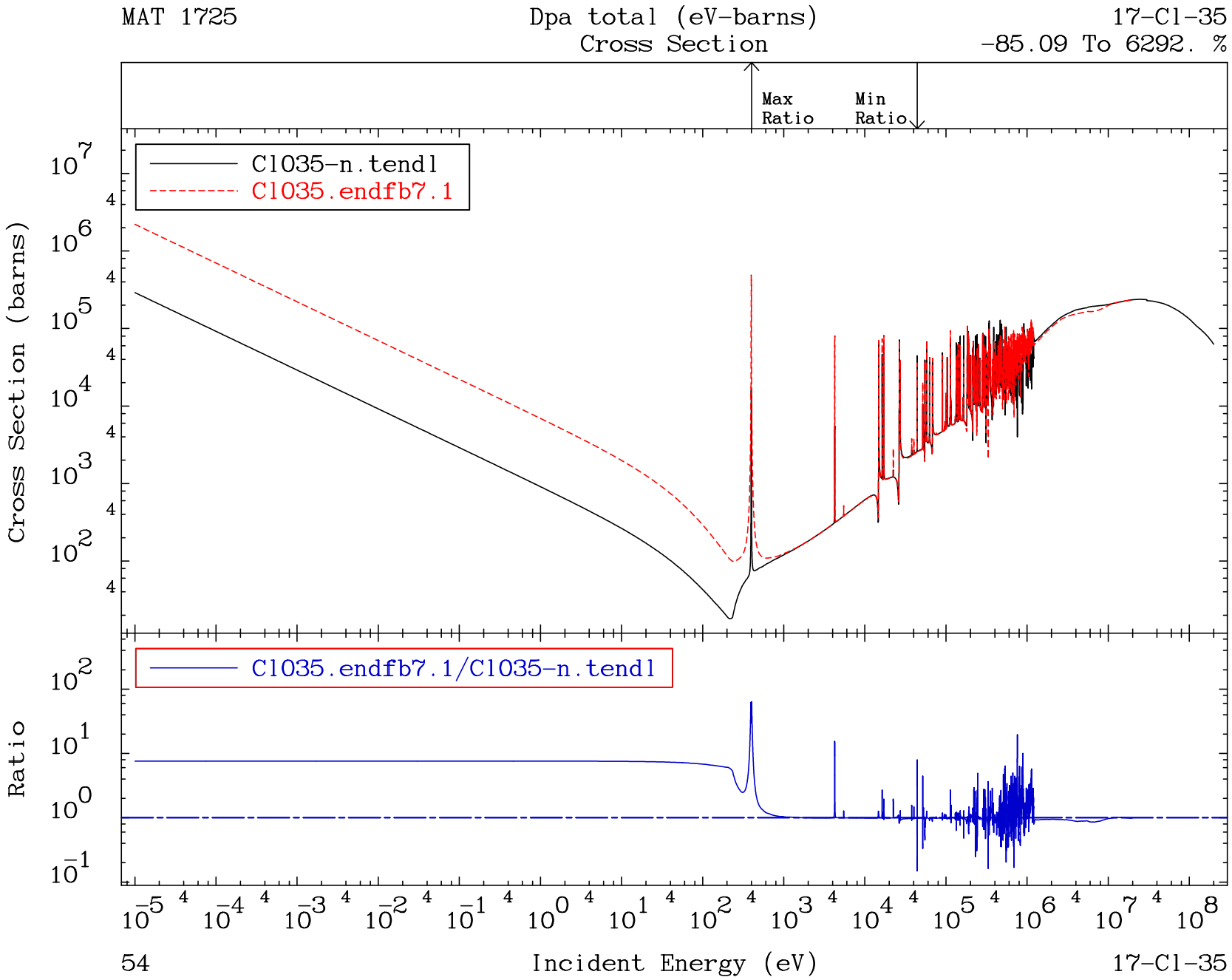

MAT 1725
Kerma inelastic (mt51-91)
Cross Section
17-Cl-35
-32.70 To -3.166%
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 1.2752 MeV
Cl035.endfb7.1 Threshold 1.2546 MeV
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
49
17-Cl-35

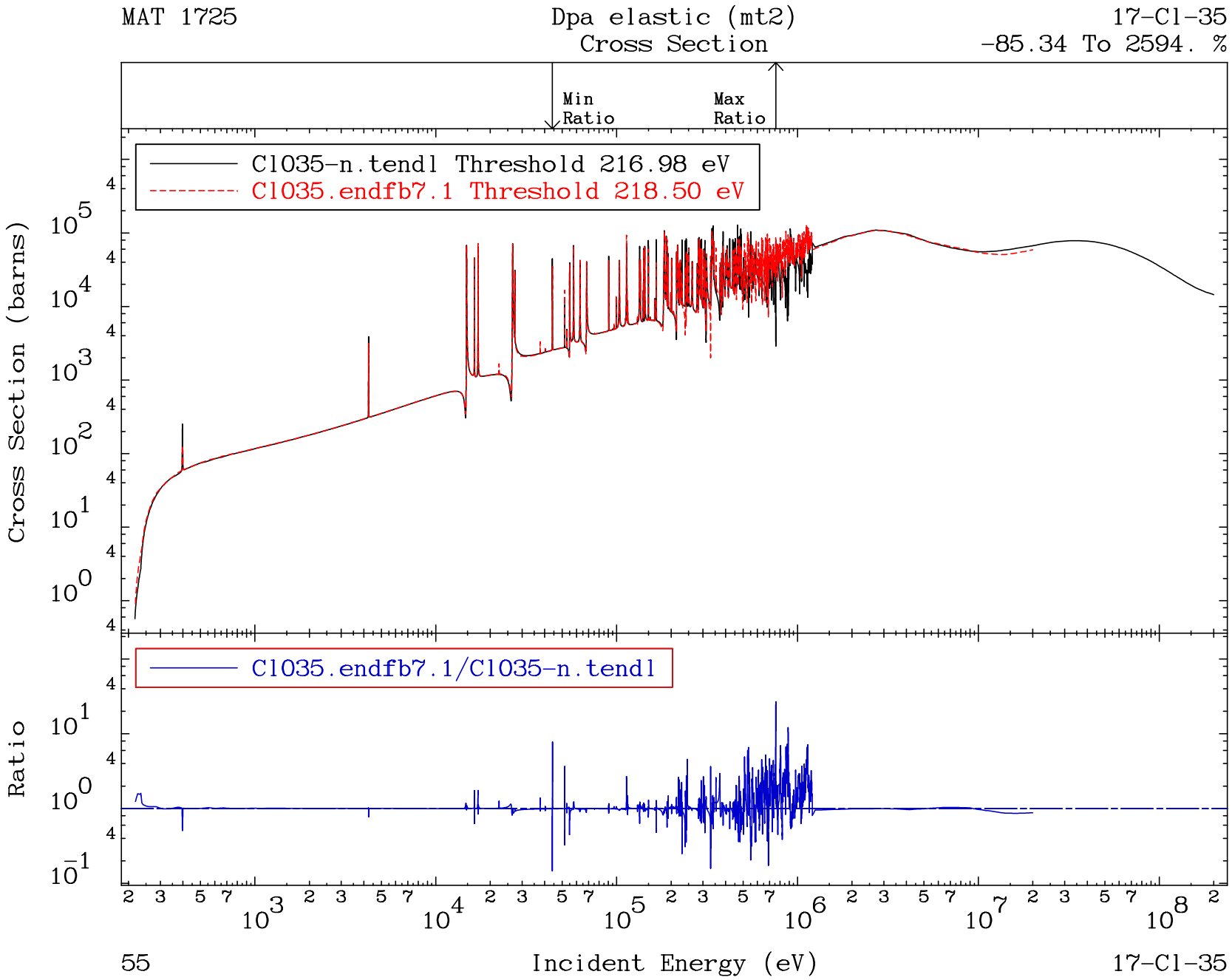

MAT 1725
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
17-Cl-35
-32.70 To -3.166%
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
Cl035.endfb7.1/Cl035-n.tendl
Ratio
1.0
0.9
0.8
0.7
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
50
Incident Energy (eV)
17-Cl-35

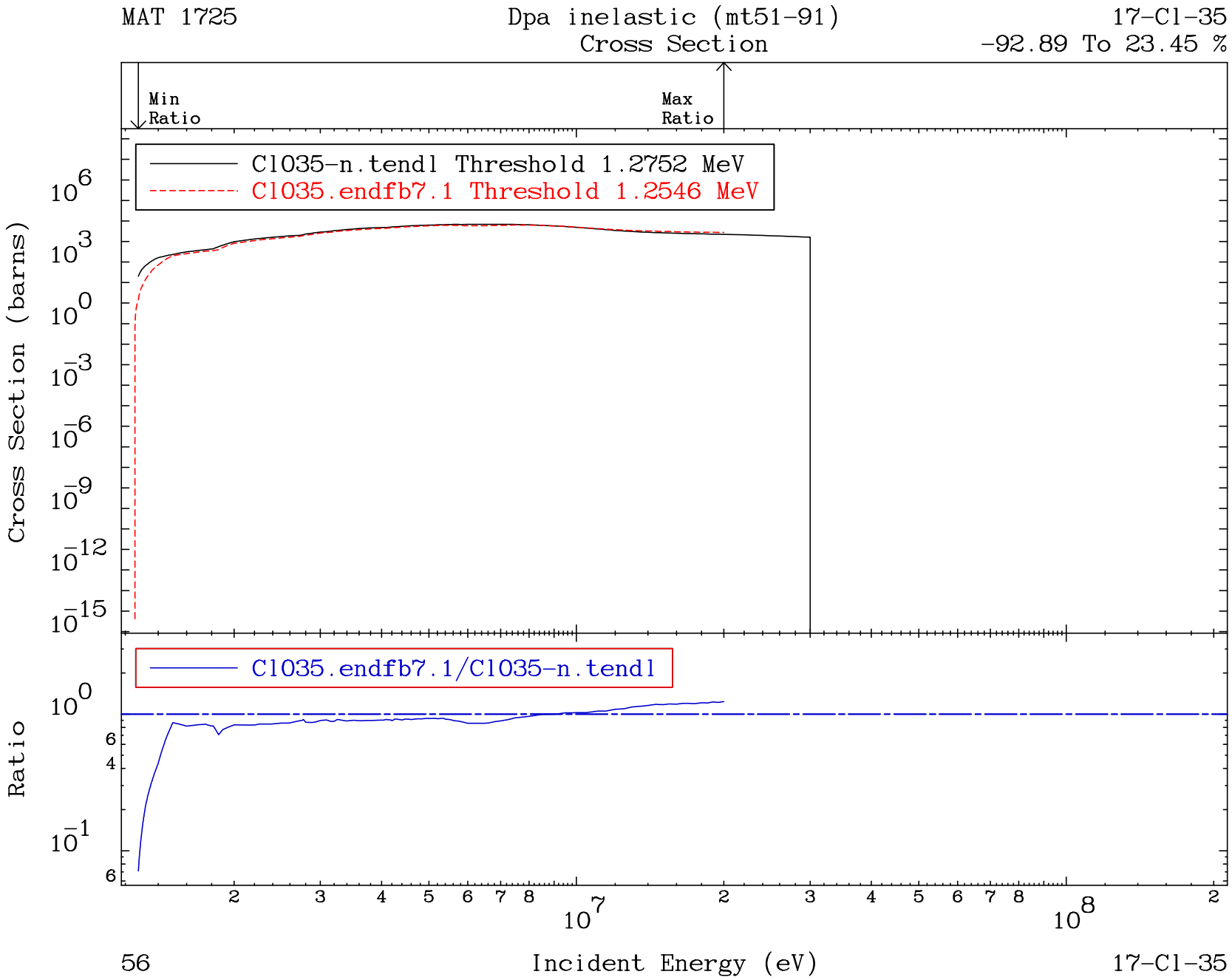

MAT 1725
Kerma capture (mt102)
Cross Section
17-Cl-35
-99.38 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
51
17-Cl-35

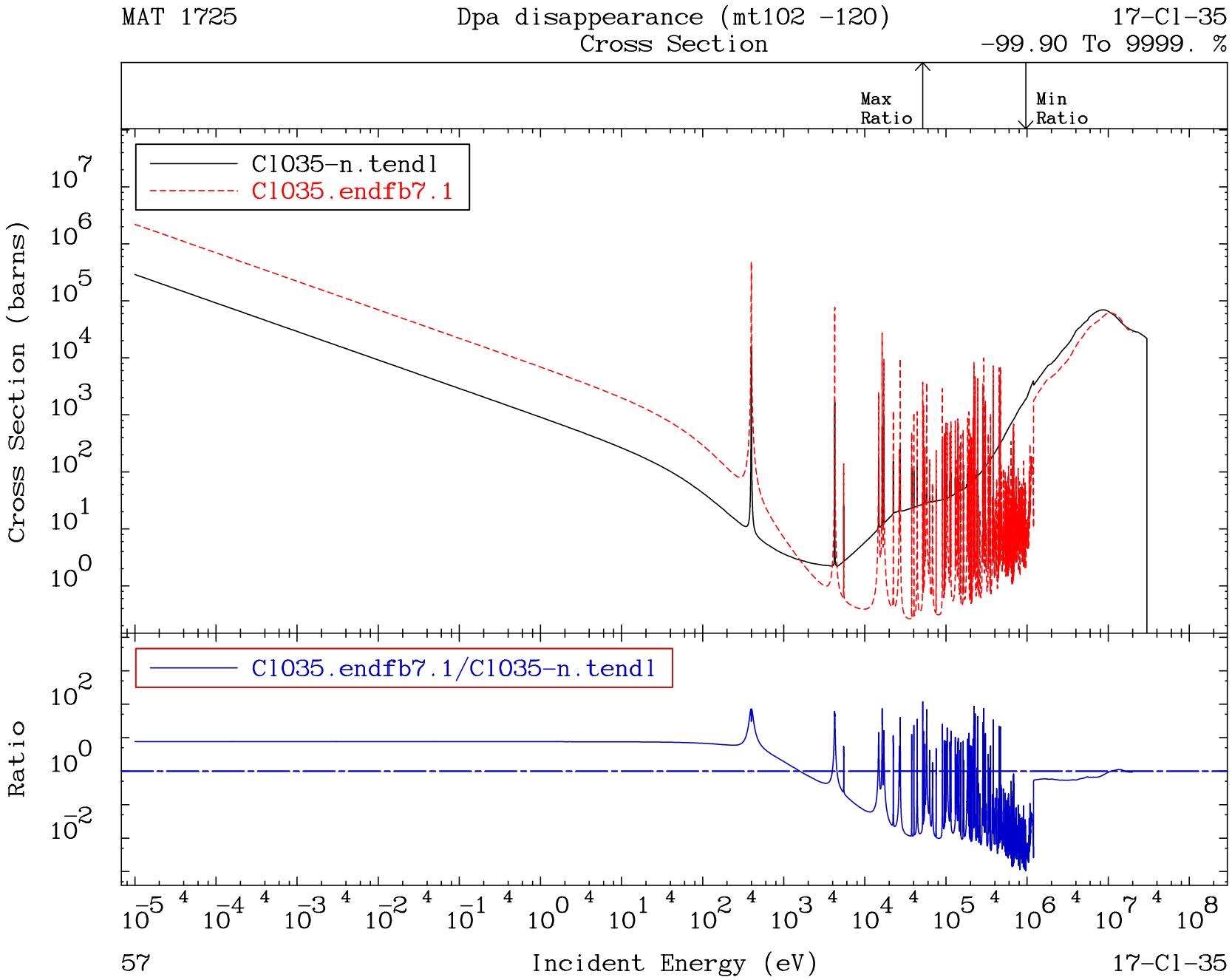

MAT 1725
Total photon (eV-barns)
Cross Section
17-Cl-35
-100.0 To 9999. %
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1 Threshold 217.65 keV
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
52
17-Cl-35


MAT 1725
Total kinematic kerma (high limit)
Cross Section
17-Cl-35
-99.96 To 307.9 %
Min Ratio
Max Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
53
17-Cl-35


MAT 1725
Dpa total (eV-barns)
Cross Section
17-Cl-35
-85.09 To 6292. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
54
Incident Energy (eV)
17-Cl-35


MAT 1725
Dpa elastic (mt2)
Cross Section
17-Cl-35
-85.34 To 2594. %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 216.98 eV
Cl035.endfb7.1 Threshold 218.50 eV
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
55
17-Cl-35


MAT 1725
Dpa inelastic (mt51-91)
Cross Section
17-Cl-35
-92.89 To 23.45 %
Min Ratio
Max Ratio
Cl035-n.tendl Threshold 1.2752 MeV
Cl035.endfb7.1 Threshold 1.2546 MeV
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
56
17-Cl-35


MAT 1725
Dpa disappearance (mt102 -120)
Cross Section
17-Cl-35
-99.90 To 9999. %
Max Ratio
Min Ratio
Cl035-n.tendl
Cl035.endfb7.1
Cross Section (barns)
Cl035.endfb7.1/Cl035-n.tendl
Ratio
Incident Energy (eV)
57
17-Cl-35