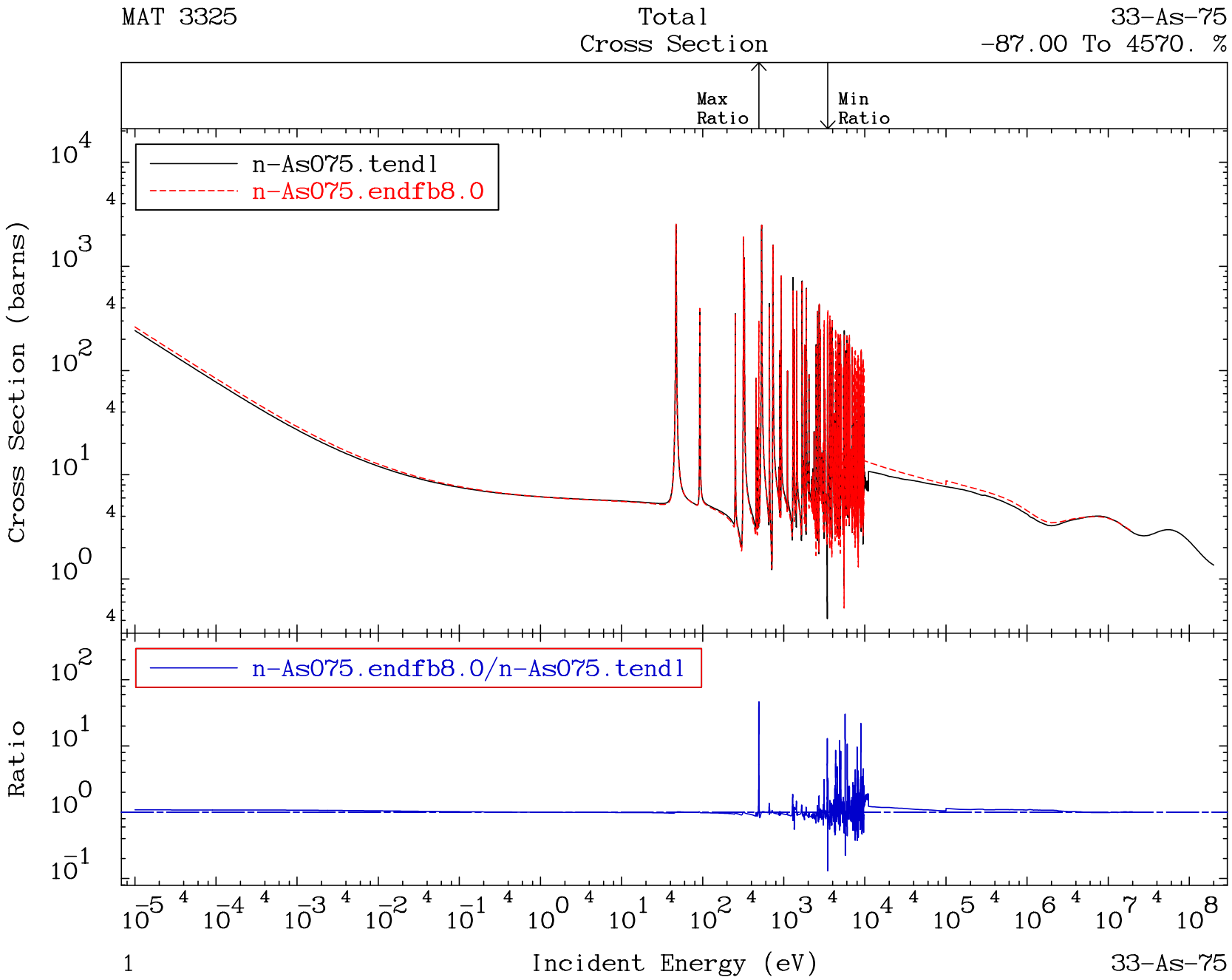
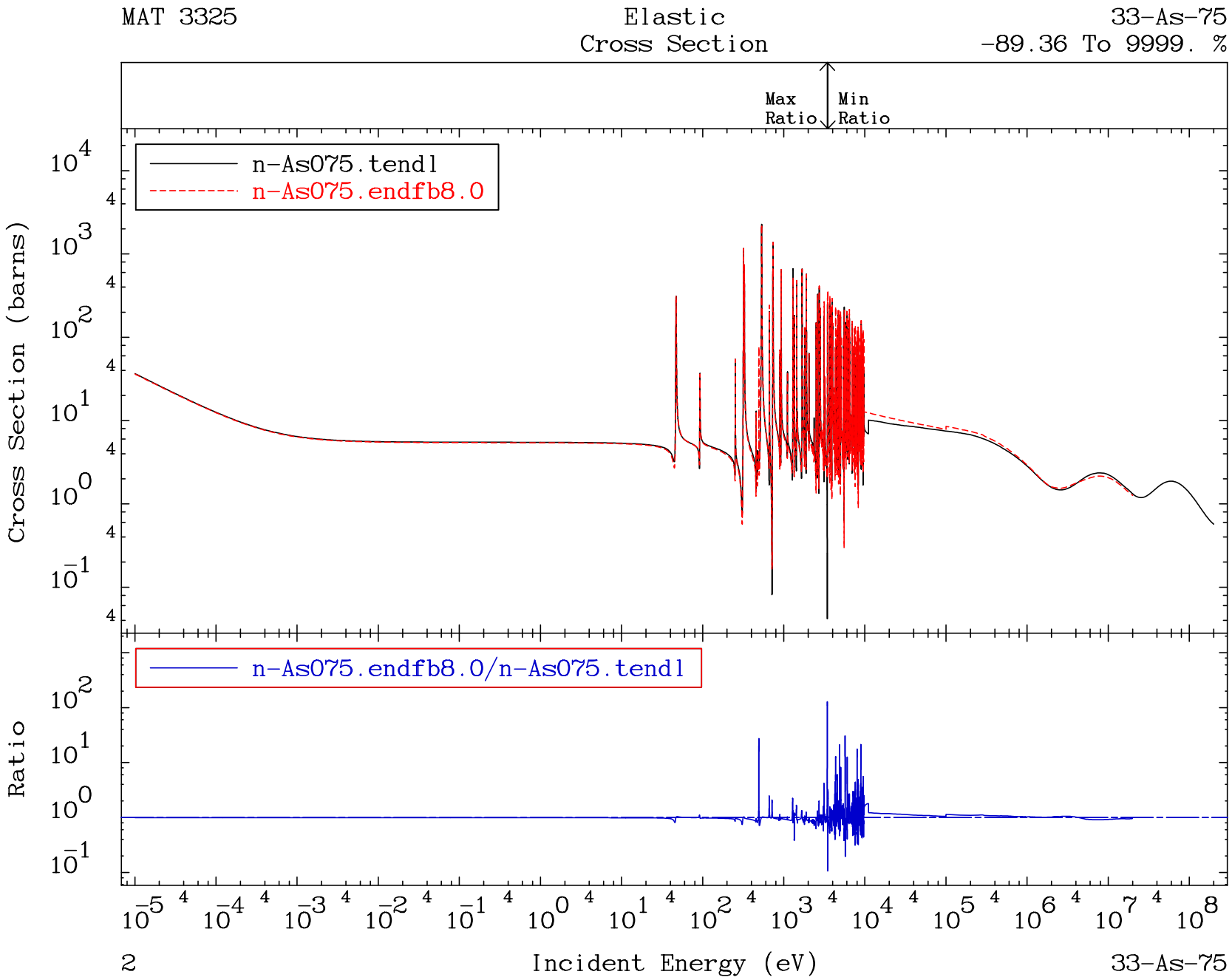
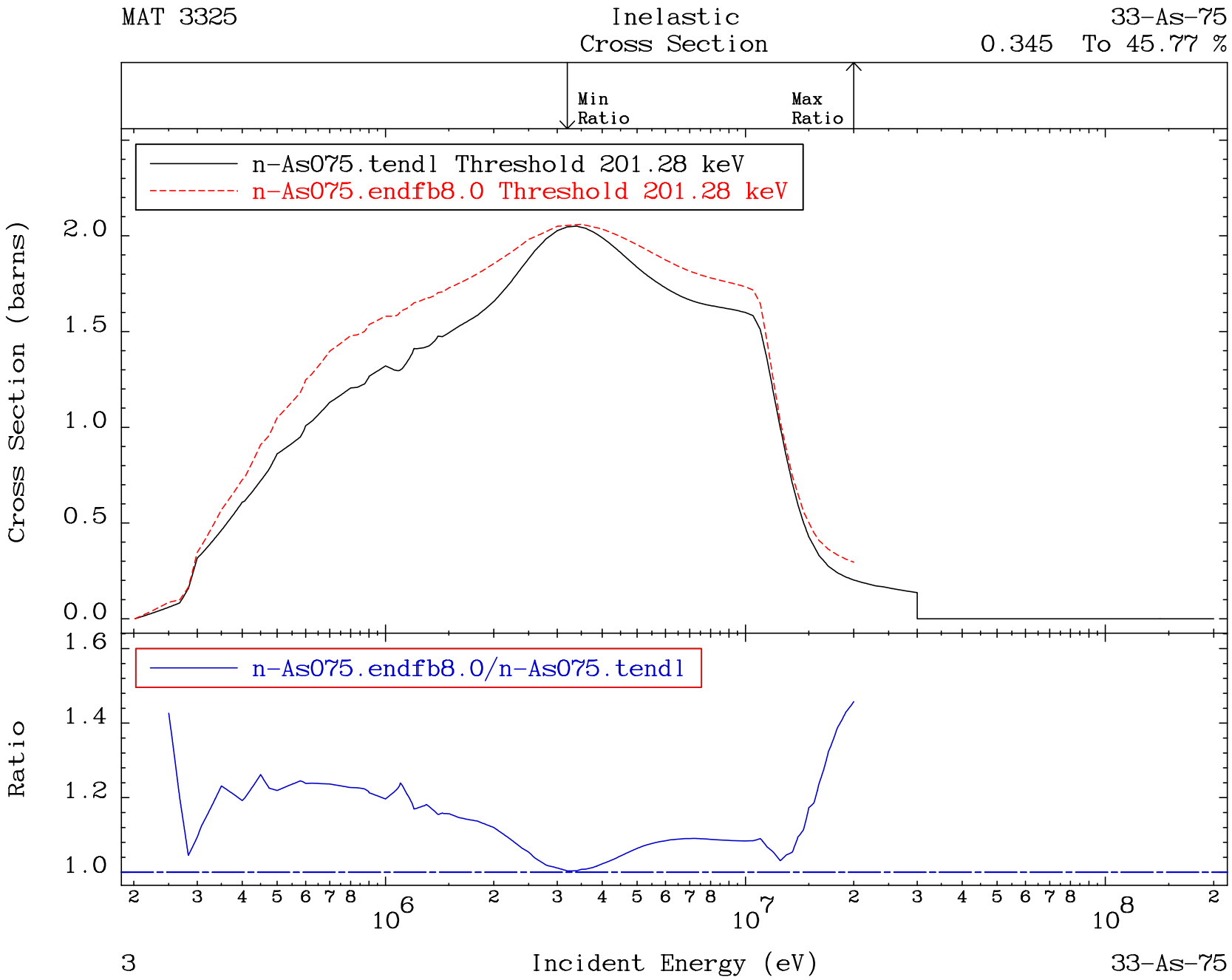
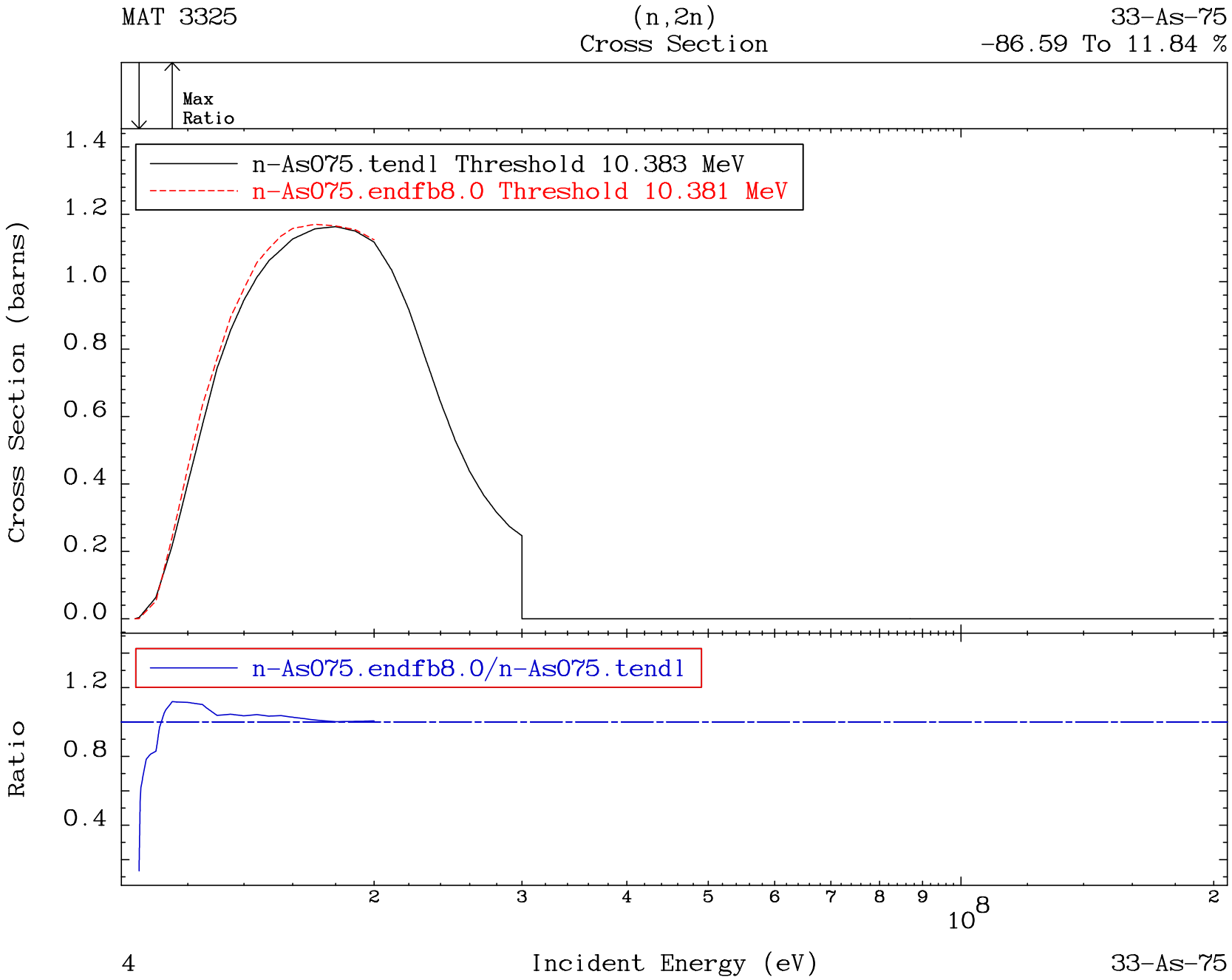
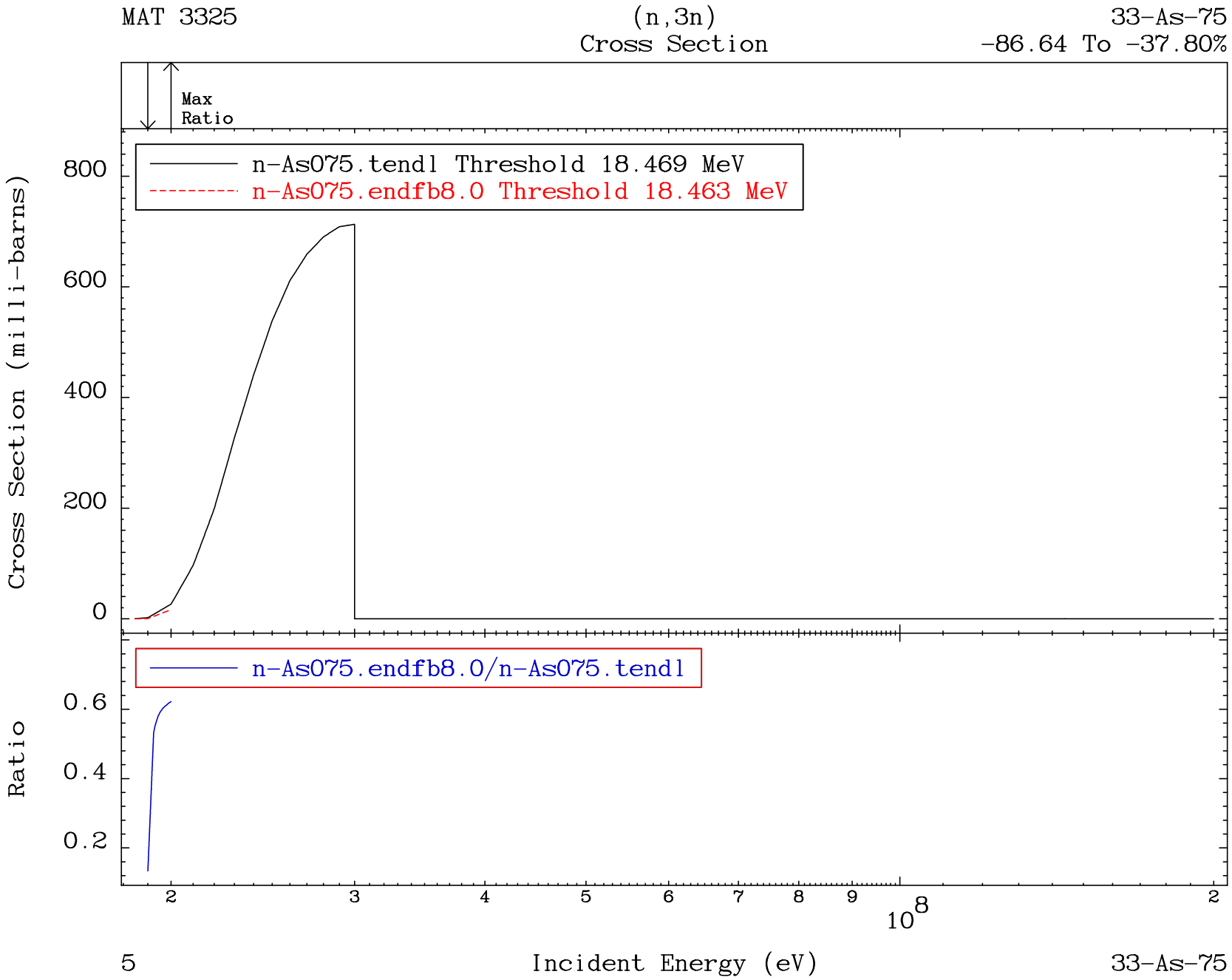
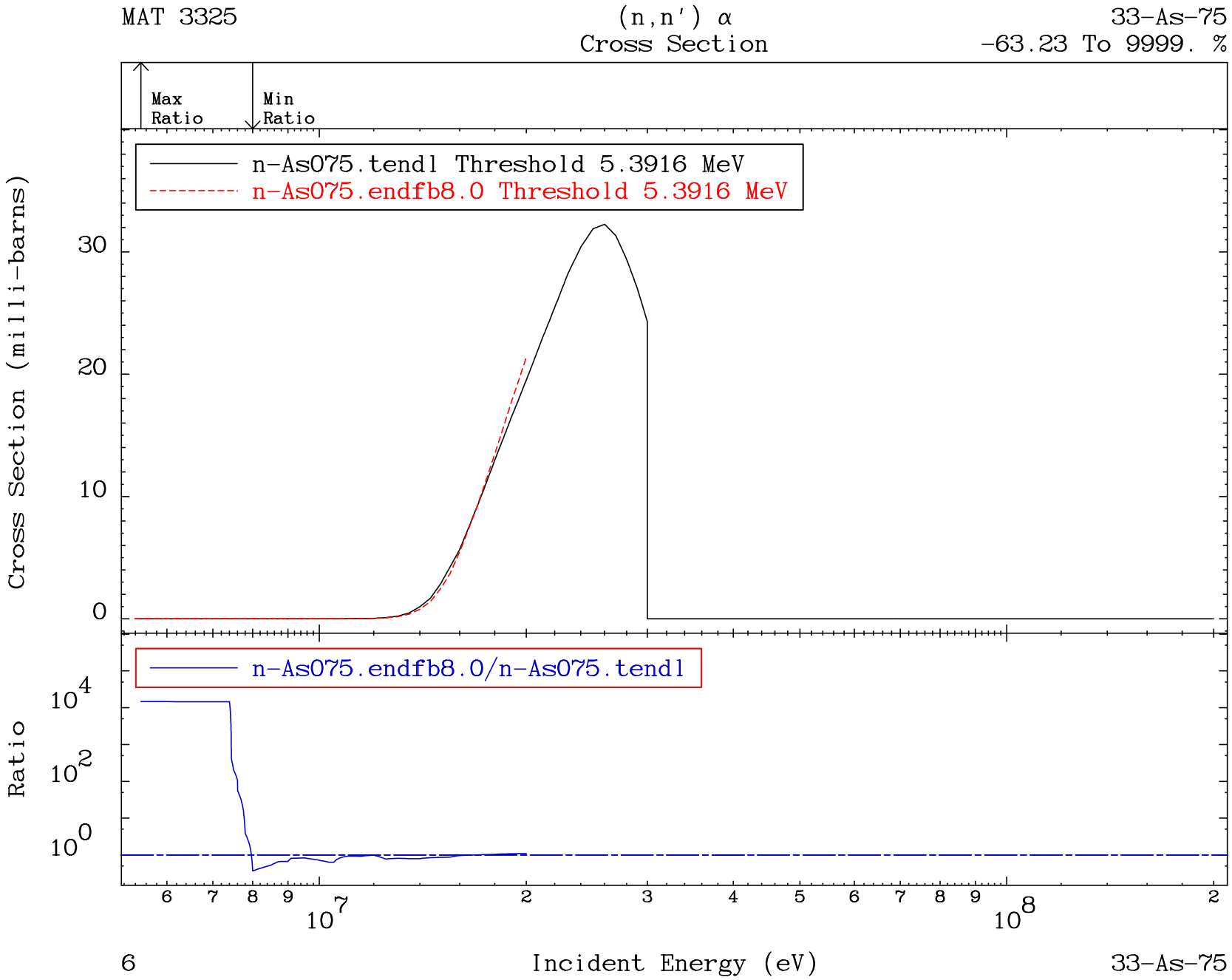

MAT 3325
Total
Cross Section
33-As-75
-87.00 To 4570. %
Max
Ratio
Min
Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
1
33-As-75

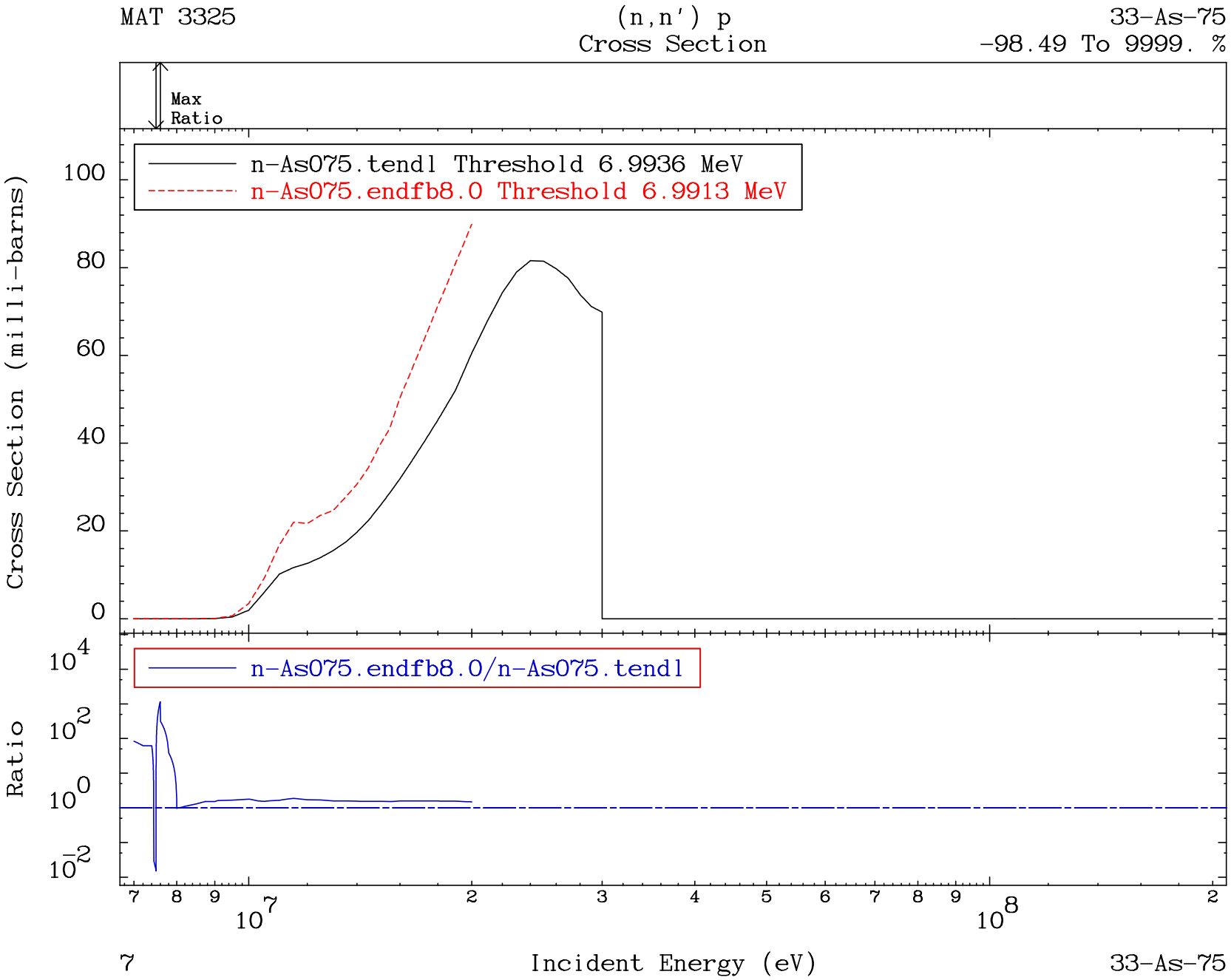

MAT 3325
Elastic
Cross Section
33-As-75
-89.36 To 9999. %
Max Ratio
Min Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
2
33-As-75

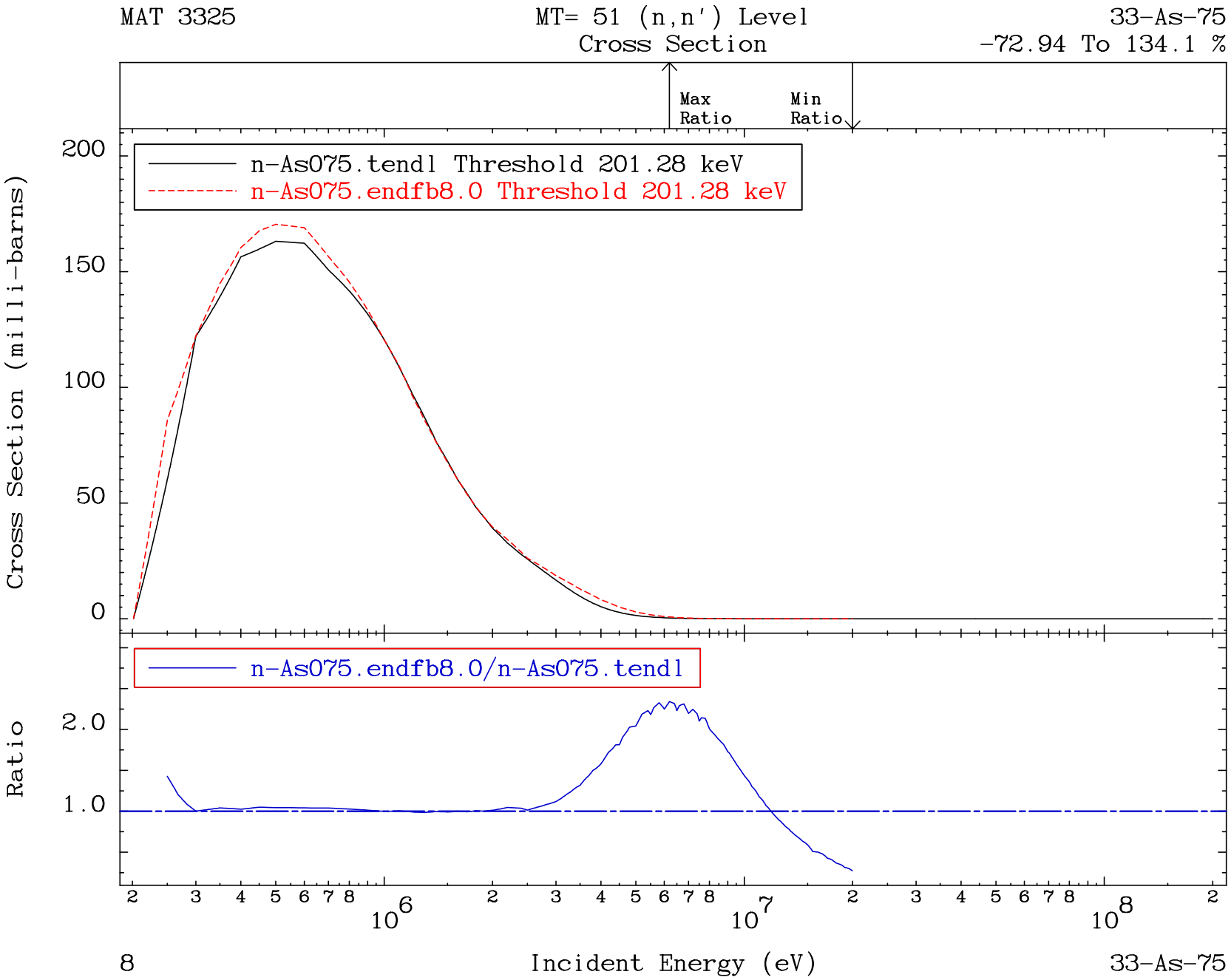

MAT 3325
Inelastic
Cross Section
33-As-75
0.345 To 45.77 %
Min
Ratio
Max
Ratio
n-As075.tendl Threshold 201.28 keV
n-As075.endfb8.0 Threshold 201.28 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-As075.endfb8.0/n-As075.tendl
Ratio
1.6
1.4
1.2
1.0
2 3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
3
Incident Energy (eV)
33-As-75

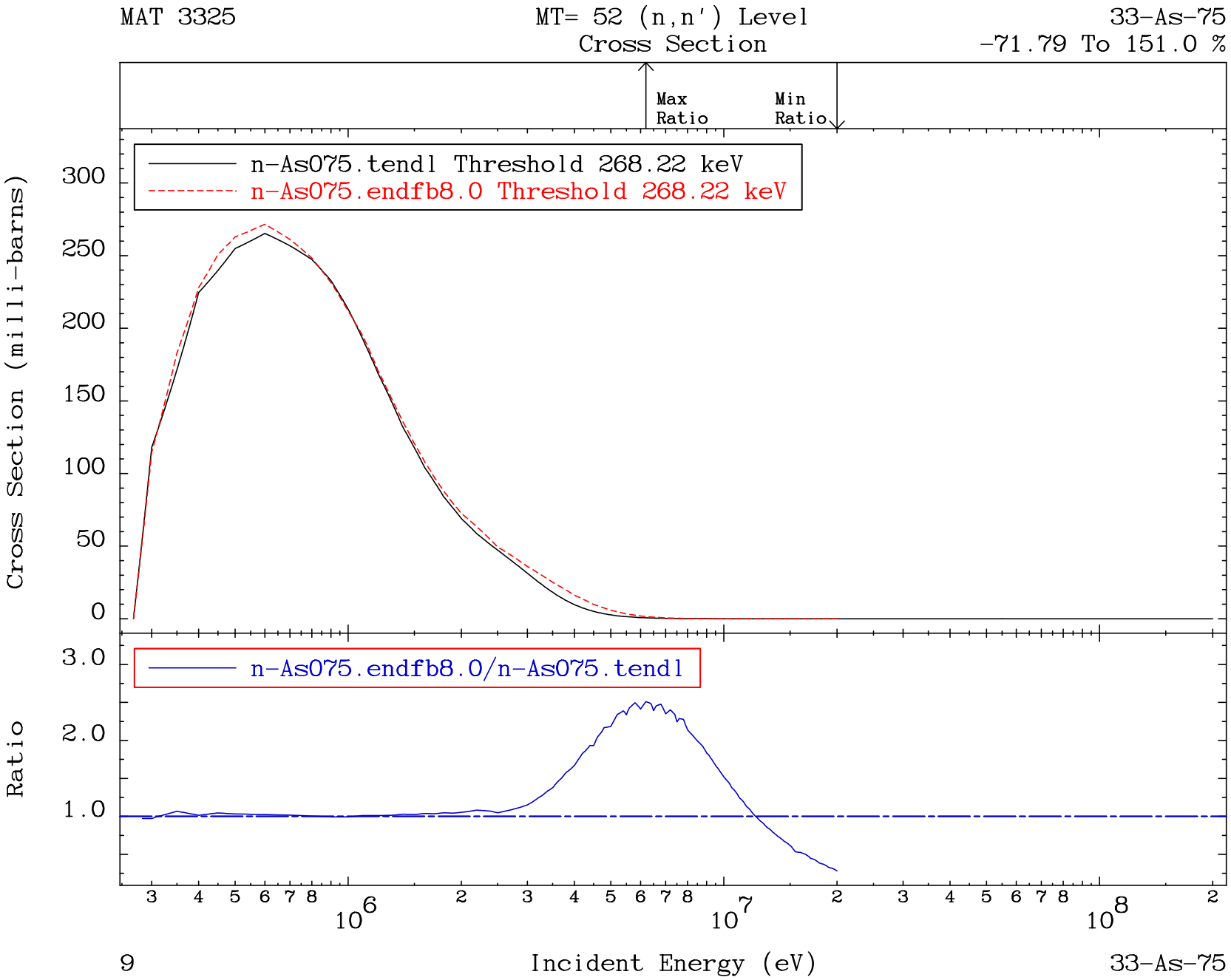

MAT 3325
(n,2n)
Cross Section
33-As-75
-86.59 To 11.84 %
Max
Ratio
n-As075.tendl Threshold 10.383 MeV
n-As075.endfb8.0 Threshold 10.381 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-As075.endfb8.0/n-As075.tendl
Ratio
1.2
0.8
0.4
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
33-As-75

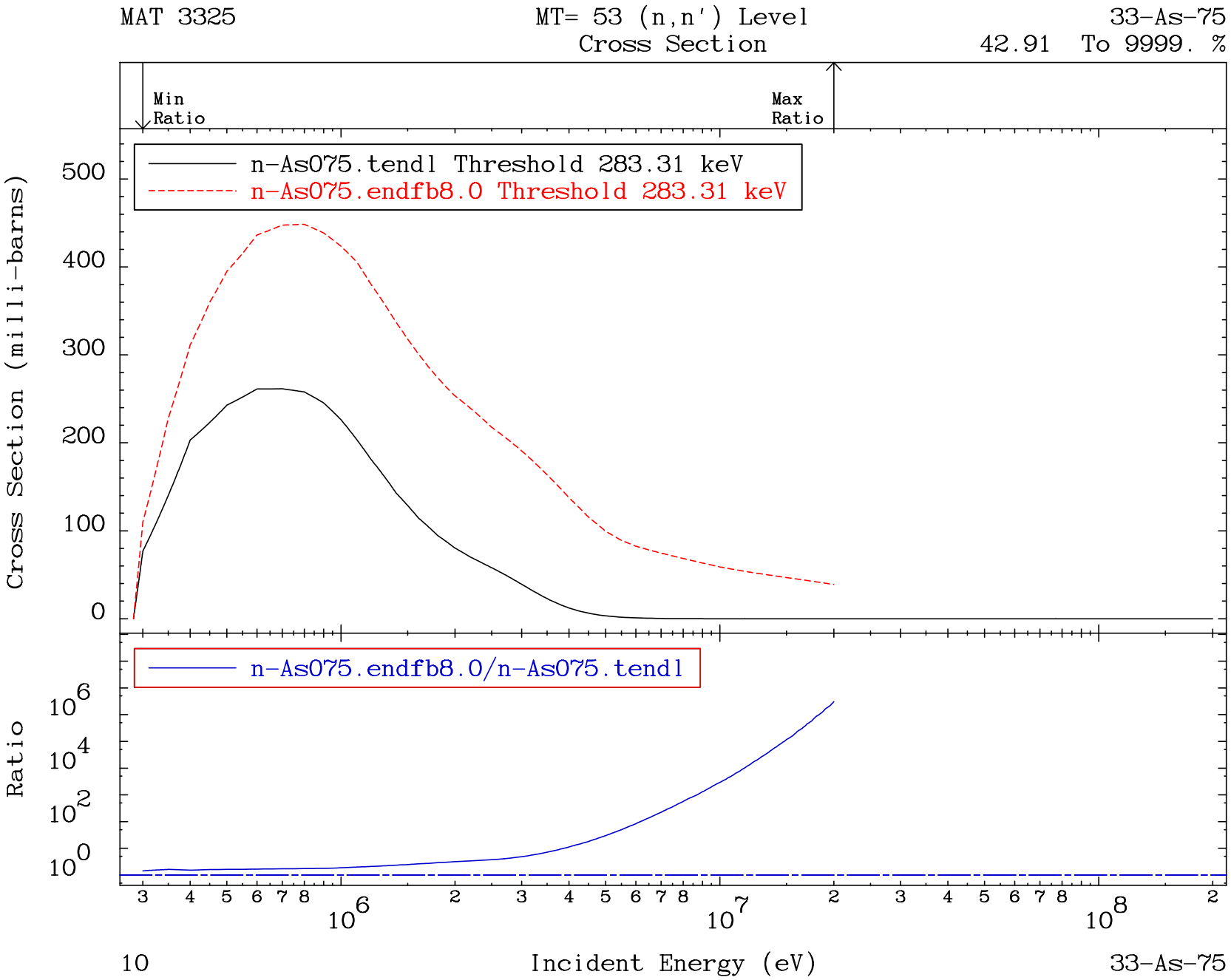

MAT 3325
(n,3n)
Cross Section
33-As-75
-86.64 To -37.80%
Max
Ratio
n-As075.tendl Threshold 18.469 MeV
n-As075.endfb8.0 Threshold 18.463 MeV
Cross Section (milli-barns)
800
600
400
200
0
n-As075.endfb8.0/n-As075.tendl
Ratio
0.6
0.4
0.2
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
33-As-75

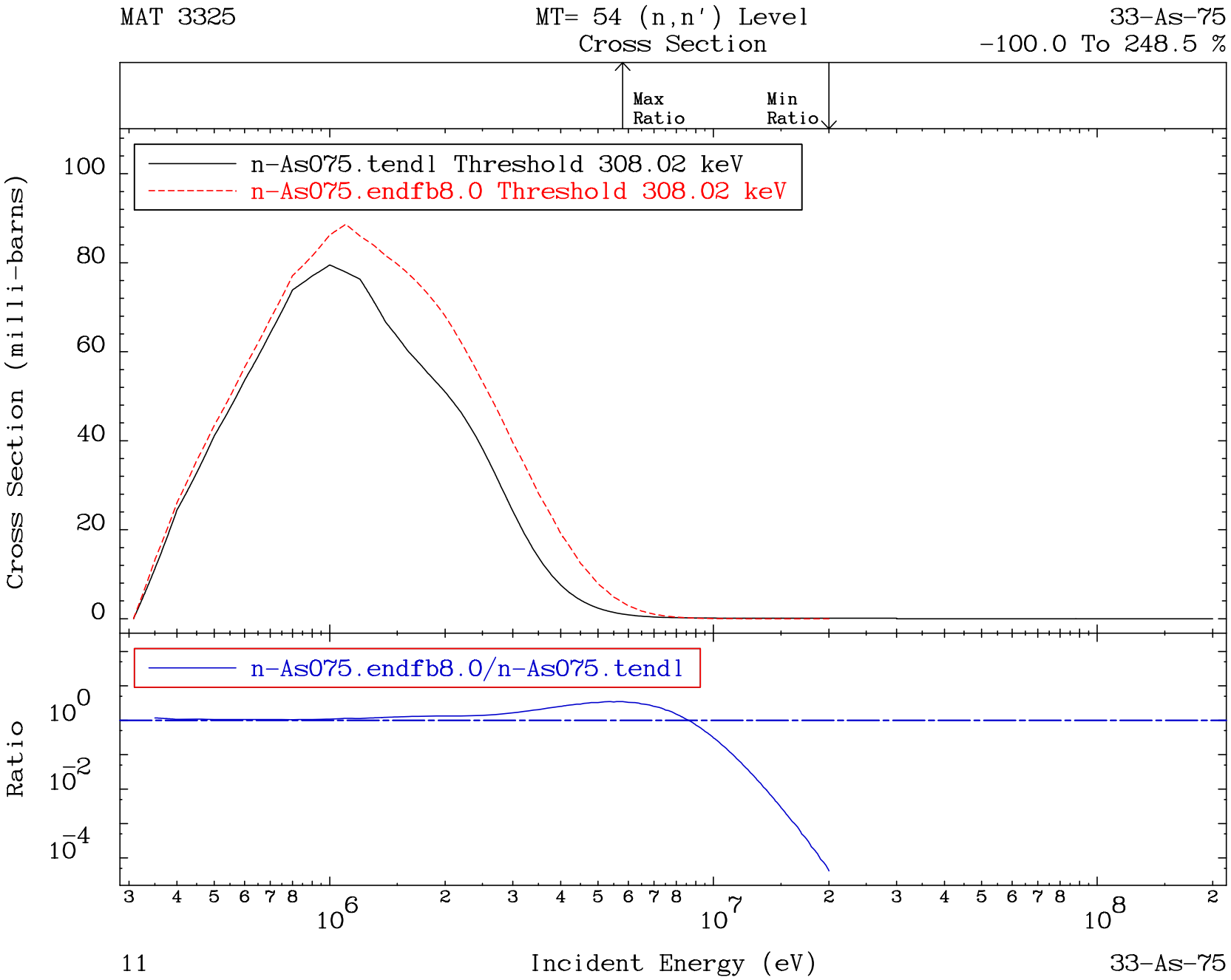

MAT 3325
(n,n') α
Cross Section
33-As-75
-63.23 To 9999. %
Max Ratio
Min Ratio
n-As075.tendl Threshold 5.3916 MeV
n-As075.endfb8.0 Threshold 5.3916 MeV
Cross Section (milli-barns)
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^4
10^2
10^0
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
6
Incident Energy (eV)
33-As-75

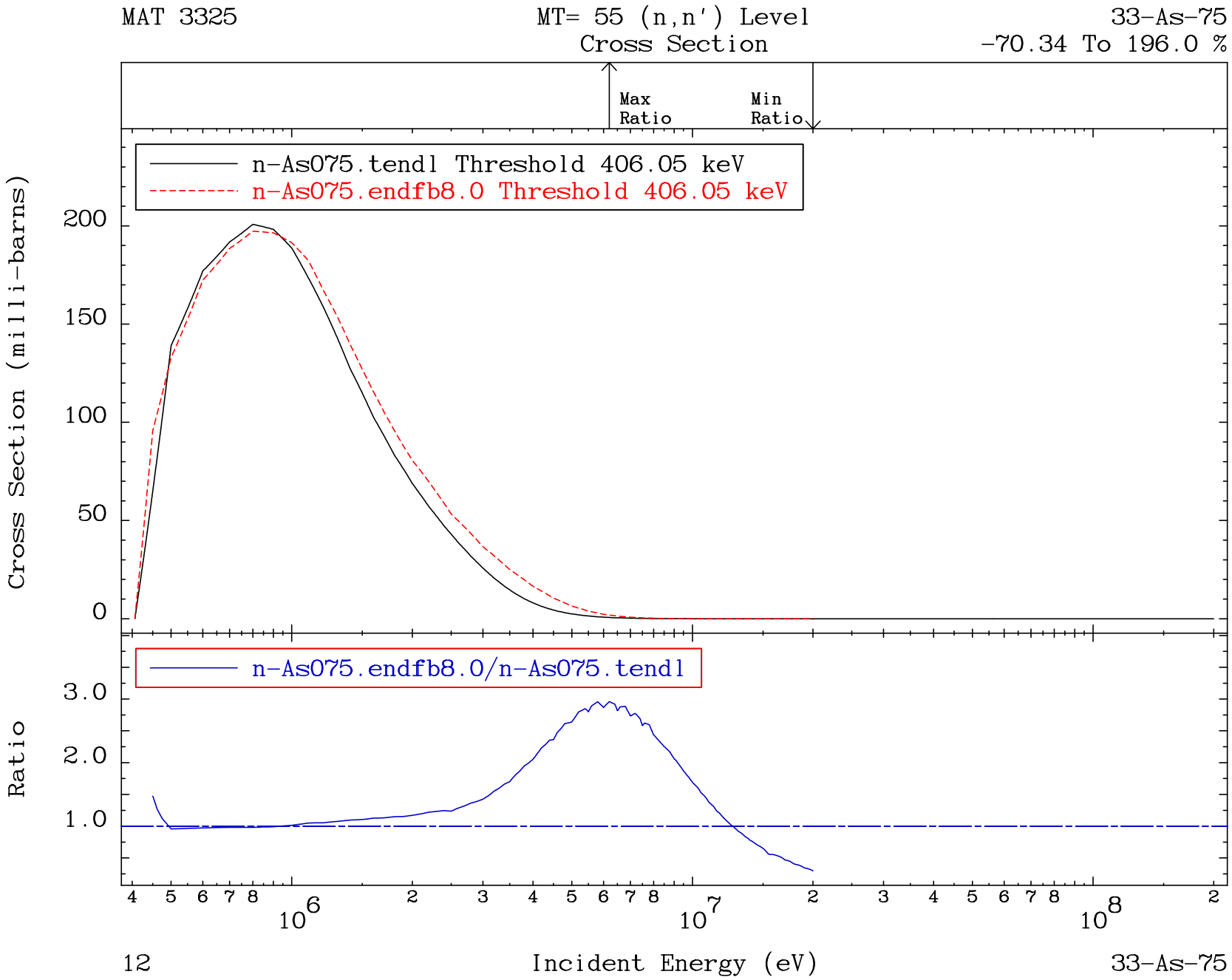

MAT 3325
(n,n') p
Cross Section
33-As-75
-98.49 To 9999. %
Max
Ratio
n-As075.tendl Threshold 6.9936 MeV
n-As075.endfb8.0 Threshold 6.9913 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^4
10^2
10^0
10^-2
7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
7
Incident Energy (eV)
33-As-75

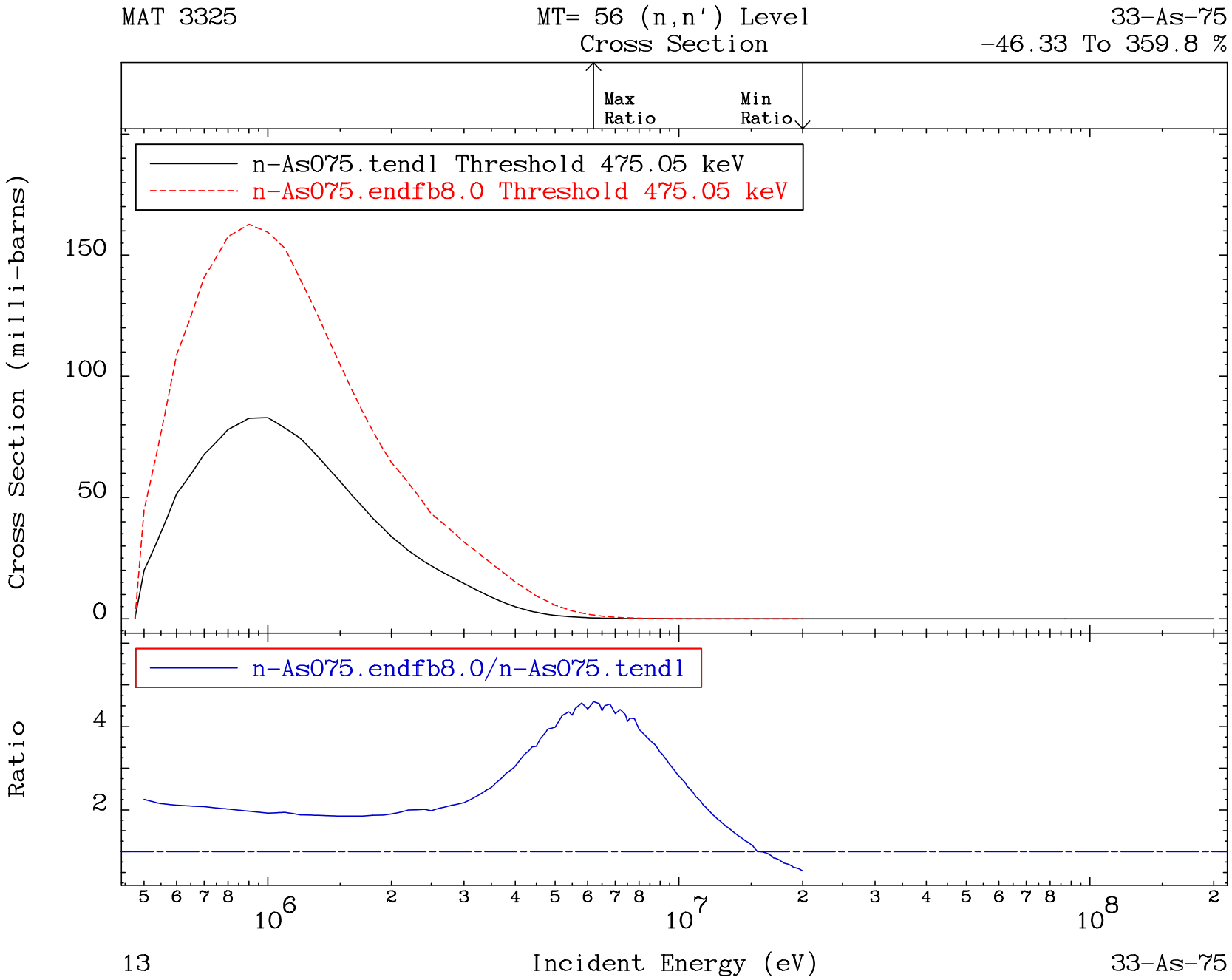

MAT 3325
MT= 51 (n,n') Level
Cross Section
33-As-75
-72.94 To 134.1 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 201.28 keV
n-As075.endfb8.0 Threshold 201.28 keV
Cross Section (milli-barns)
200
150
100
50
0
n-As075.endfb8.0/n-As075.tendl
Ratio
2.0
1.0
2 3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
8
Incident Energy (eV)
33-As-75

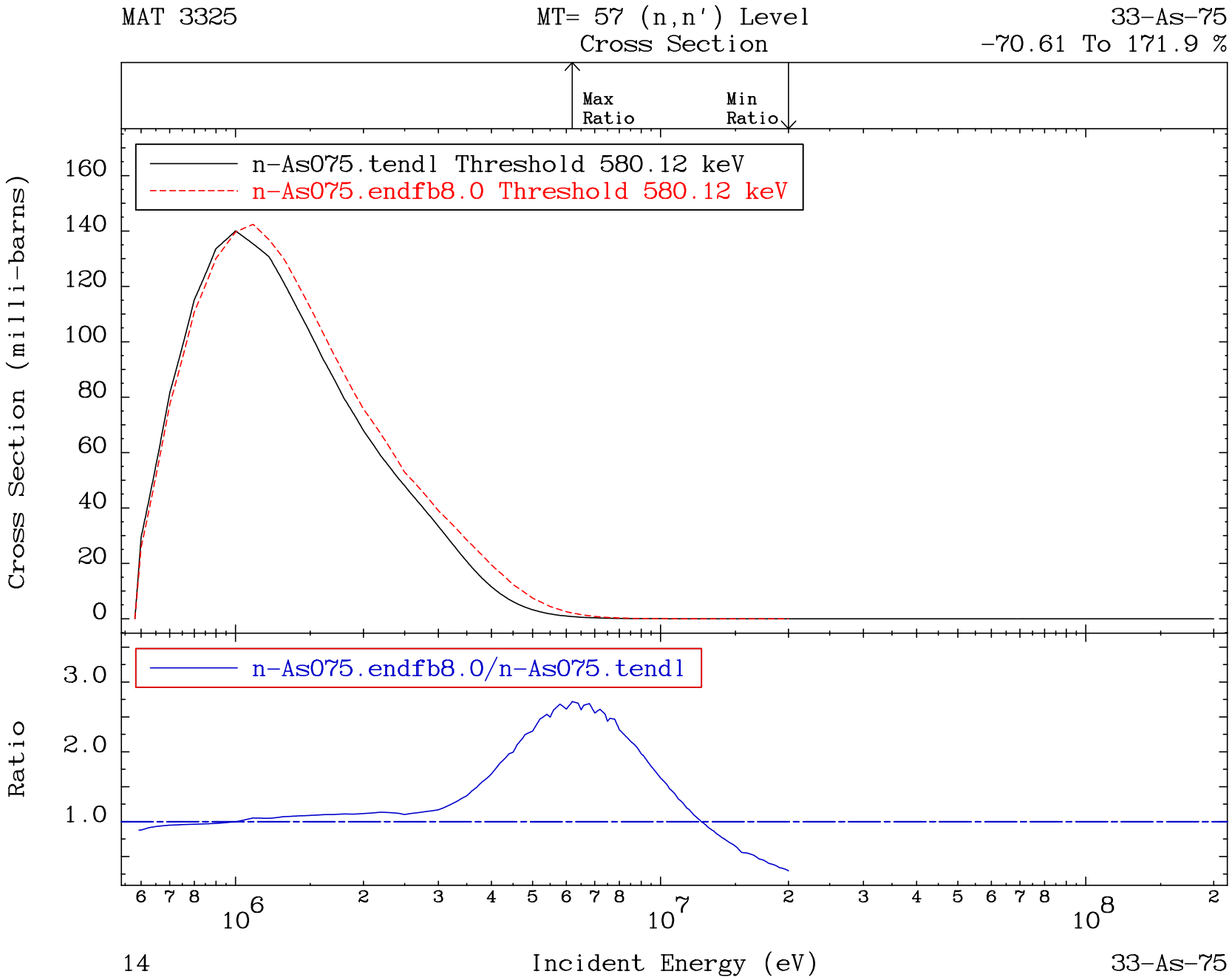

MAT 3325
MT= 52 (n,n') Level
Cross Section
33-As-75
-71.79 To 151.0 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 268.22 keV
n-As075.endfb8.0 Threshold 268.22 keV
Cross Section (milli-barns)
300
250
200
150
100
50
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
9
Incident Energy (eV)
33-As-75

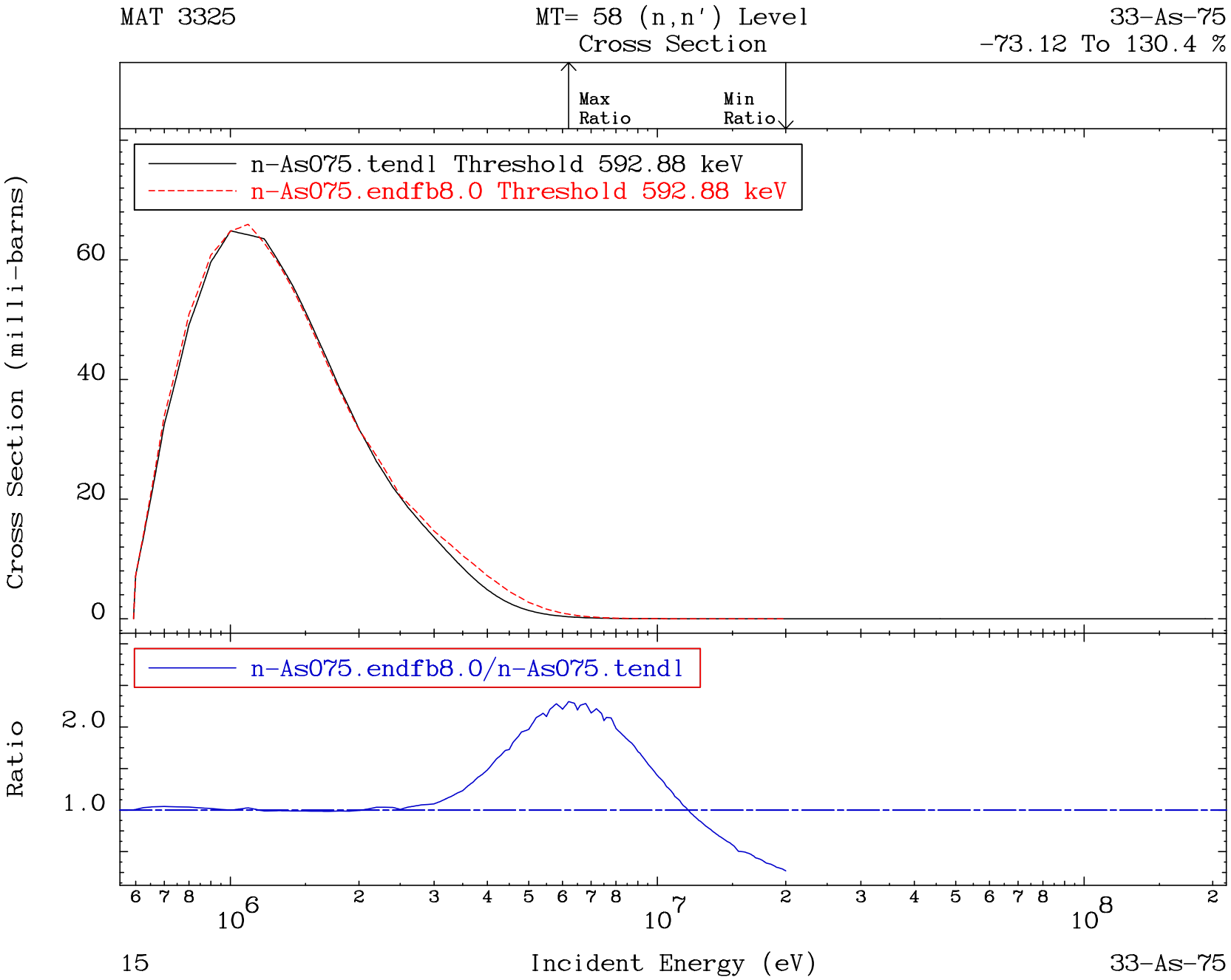

MAT 3325
MT= 53 (n,n') Level
Cross Section
33-As-75
42.91 To 9999. %
Min Ratio
Max Ratio
n-As075.tendl Threshold 283.31 keV
n-As075.endfb8.0 Threshold 283.31 keV
Cross Section (milli-barns)
500
400
300
200
100
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^6
10^4
10^2
10^0
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
10
Incident Energy (eV)
33-As-75

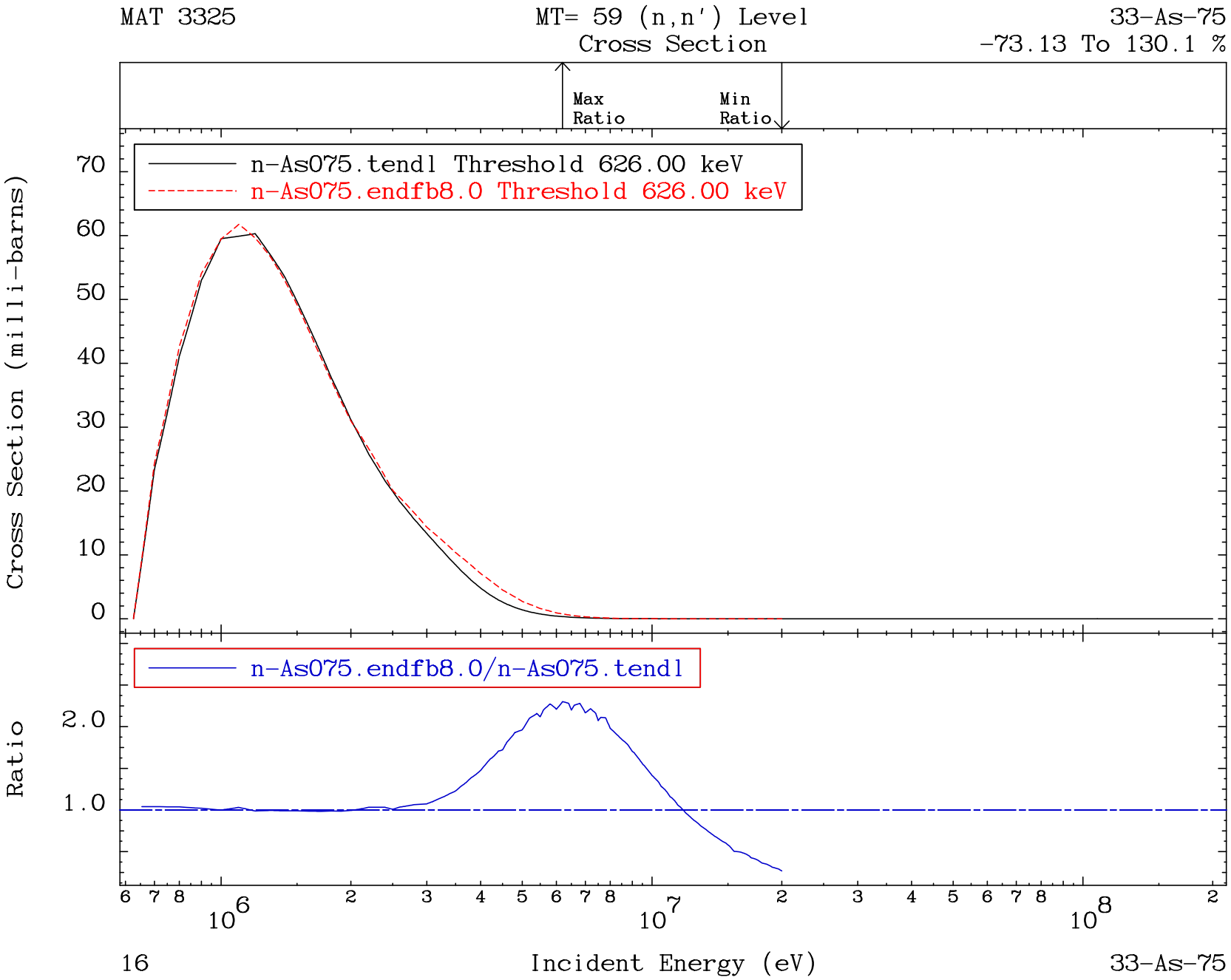

MAT 3325
MT= 54 (n,n') Level
Cross Section
33-As-75
-100.0 To 248.5 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 308.02 keV
n-As075.endfb8.0 Threshold 308.02 keV
Cross Section (milli-barns)
100
80
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
11
Incident Energy (eV)
33-As-75

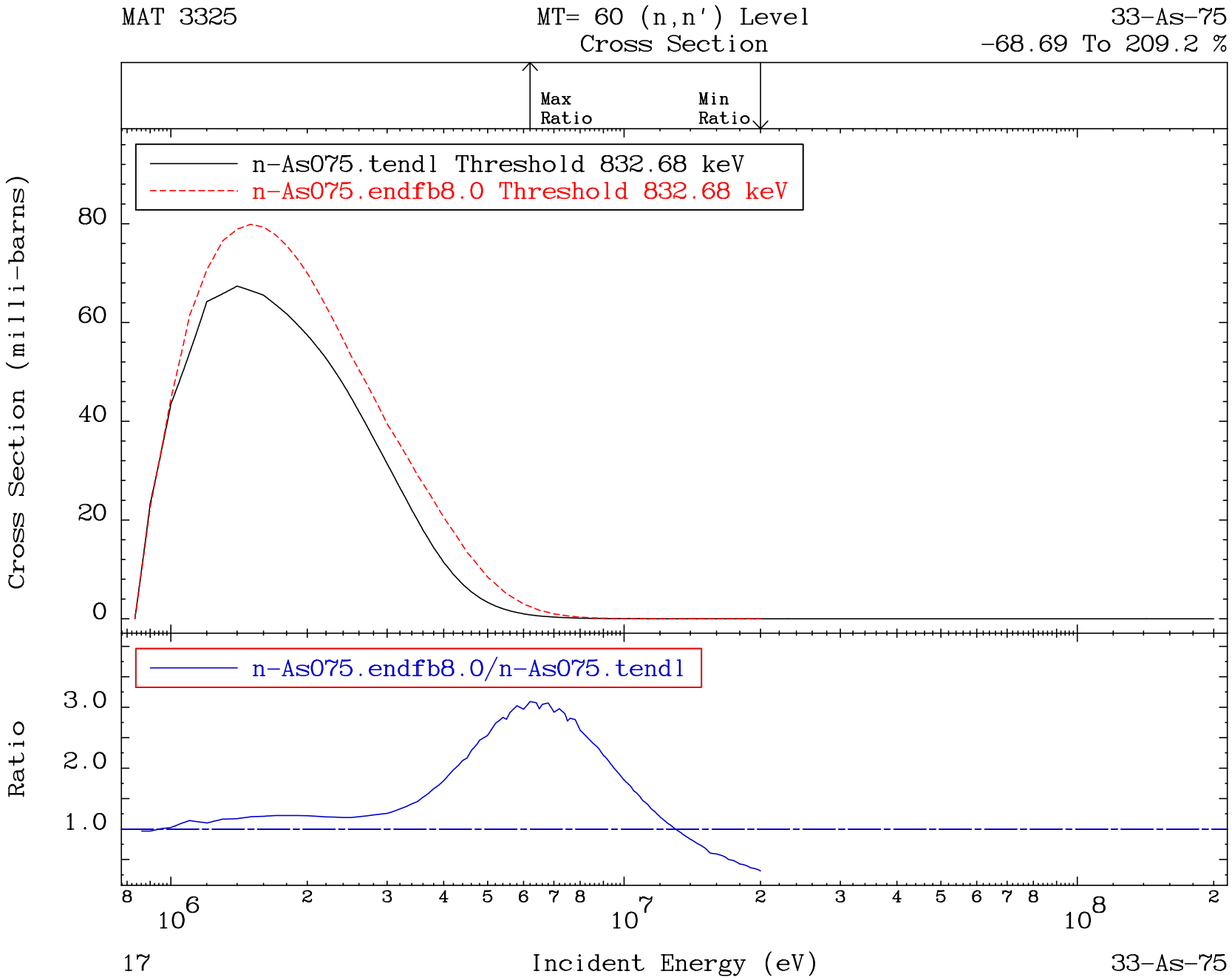

MAT 3325
MT= 55 (n,n') Level
Cross Section
33-As-75
-70.34 To 196.0 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 406.05 keV
n-As075.endfb8.0 Threshold 406.05 keV
Cross Section (milli-barns)
200
150
100
50
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
12
Incident Energy (eV)
33-As-75

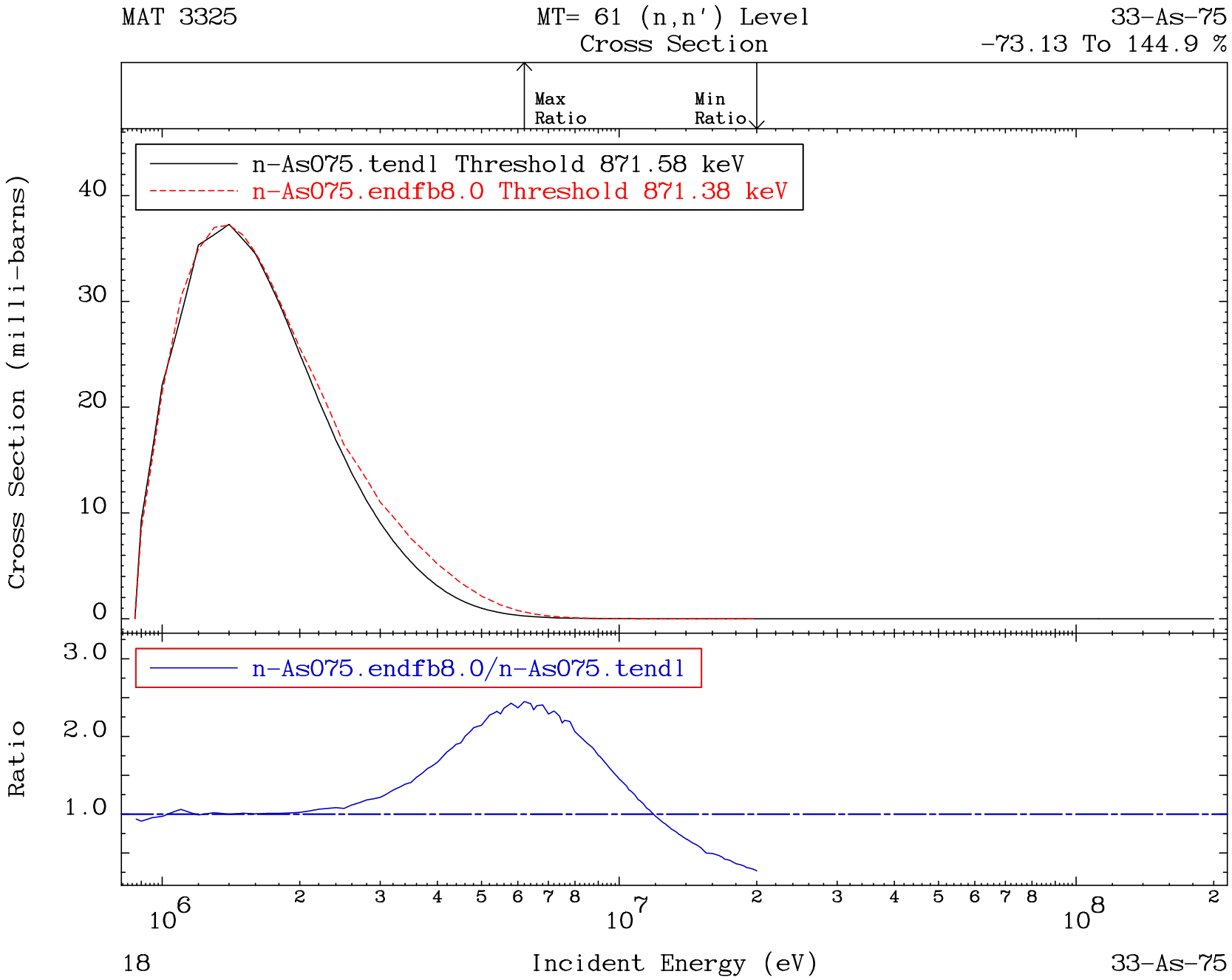

MAT 3325
MT= 56 (n,n') Level
Cross Section
33-As-75
-46.33 To 359.8 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 475.05 keV
n-As075.endfb8.0 Threshold 475.05 keV
Cross Section (milli-barns)
150
100
50
0
n-As075.endfb8.0/n-As075.tendl
Ratio
4
2
5 6 7 8
10^6
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
13
Incident Energy (eV)
33-As-75

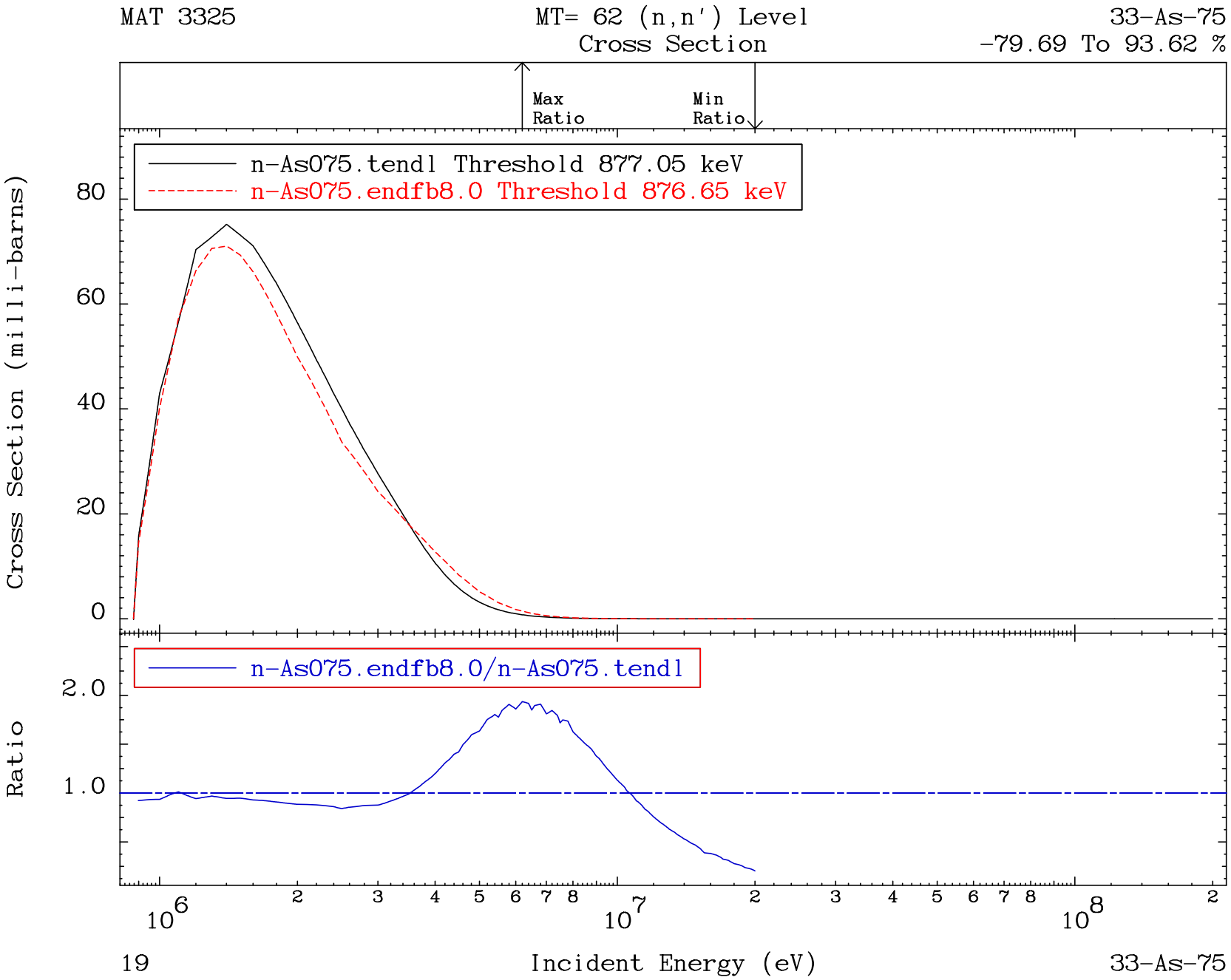

MAT 3325
MT= 57 (n,n') Level
Cross Section
33-As-75
-70.61 To 171.9 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 580.12 keV
n-As075.endfb8.0 Threshold 580.12 keV
Cross Section (milli-barns)
160
140
120
100
80
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
14
Incident Energy (eV)
33-As-75

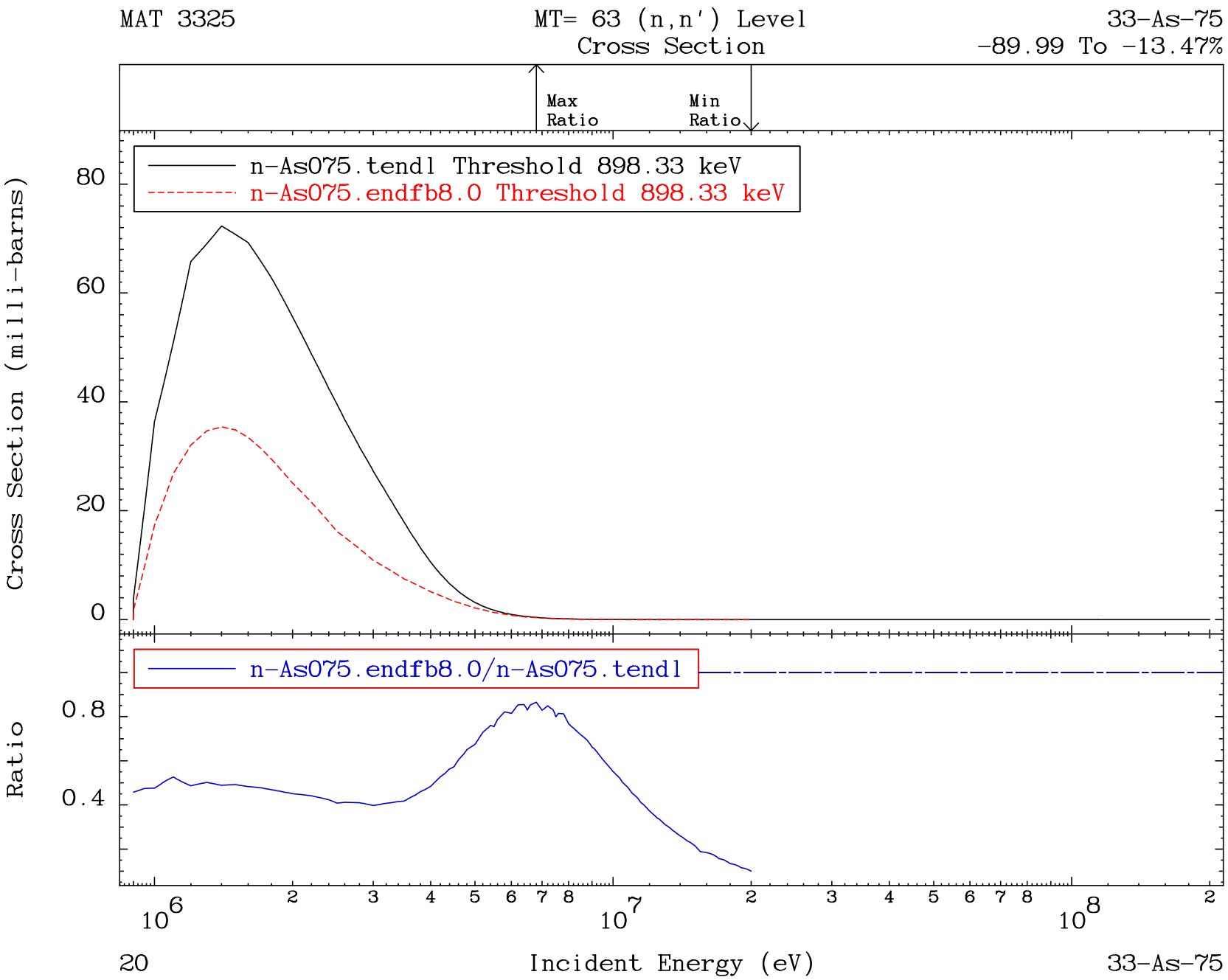

MAT 3325
MT= 58 (n,n') Level
Cross Section
33-As-75
-73.12 To 130.4 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 592.88 keV
n-As075.endfb8.0 Threshold 592.88 keV
Cross Section (milli-barns)
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
2.0
1.0
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
15
Incident Energy (eV)
33-As-75

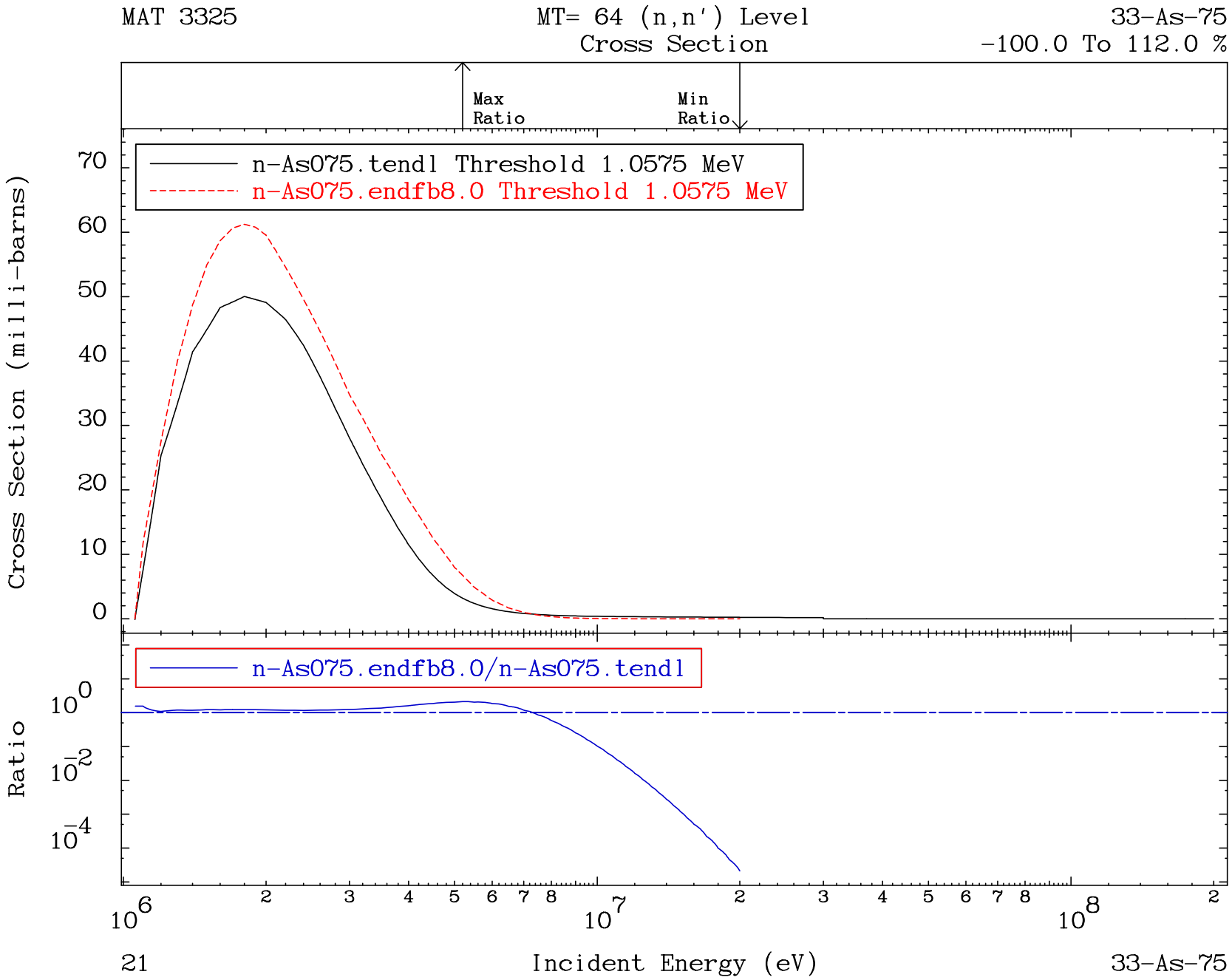

MAT 3325
MT= 59 (n,n') Level
Cross Section
33-As-75
-73.13 To 130.1 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 626.00 keV
n-As075.endfb8.0 Threshold 626.00 keV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
2.0
1.0
6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
16
Incident Energy (eV)
33-As-75

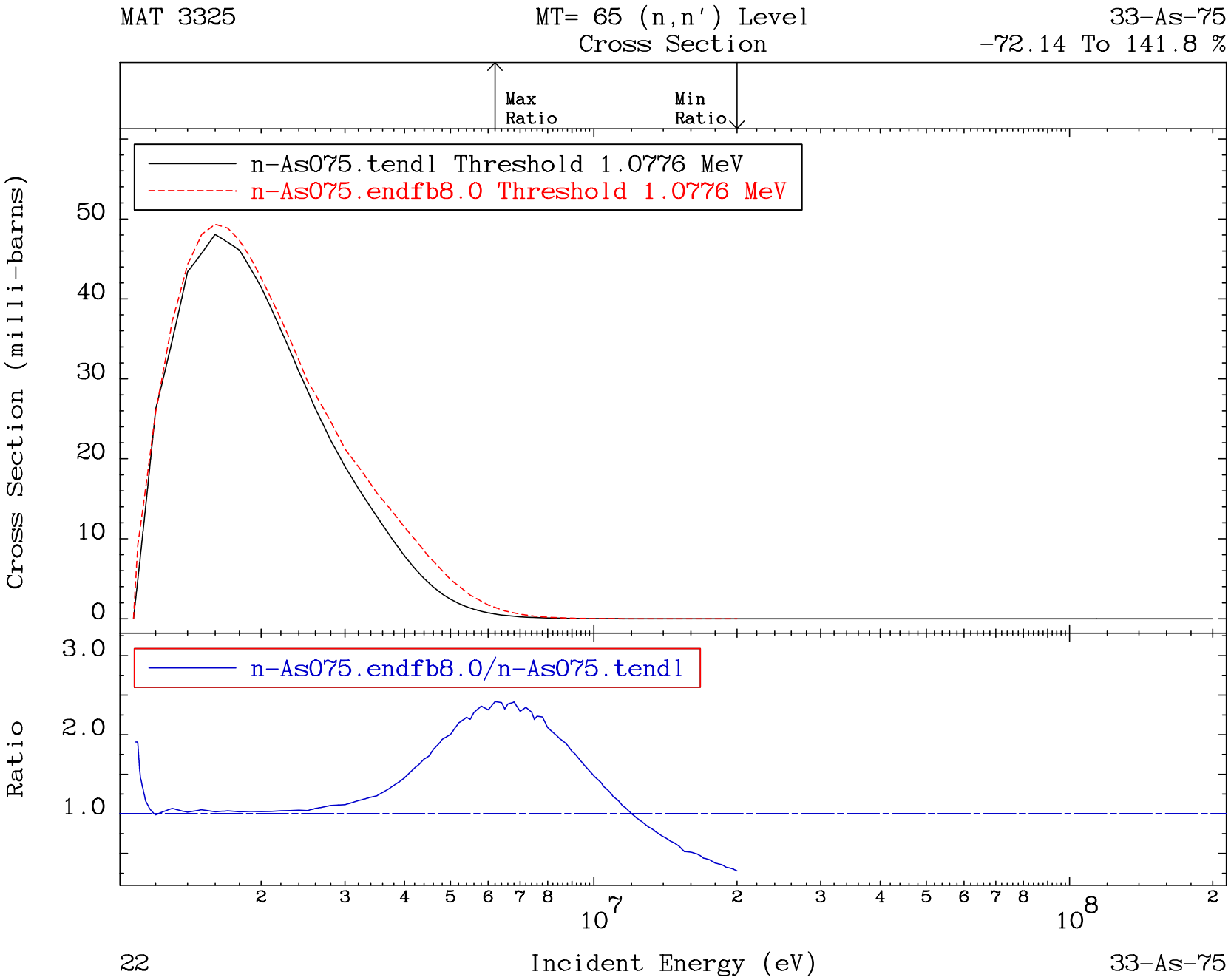

MAT 3325
MT= 60 (n,n') Level
Cross Section
33-As-75
-68.69 To 209.2 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 832.68 keV
n-As075.endfb8.0 Threshold 832.68 keV
Cross Section (milli-barns)
80
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
17
Incident Energy (eV)
33-As-75

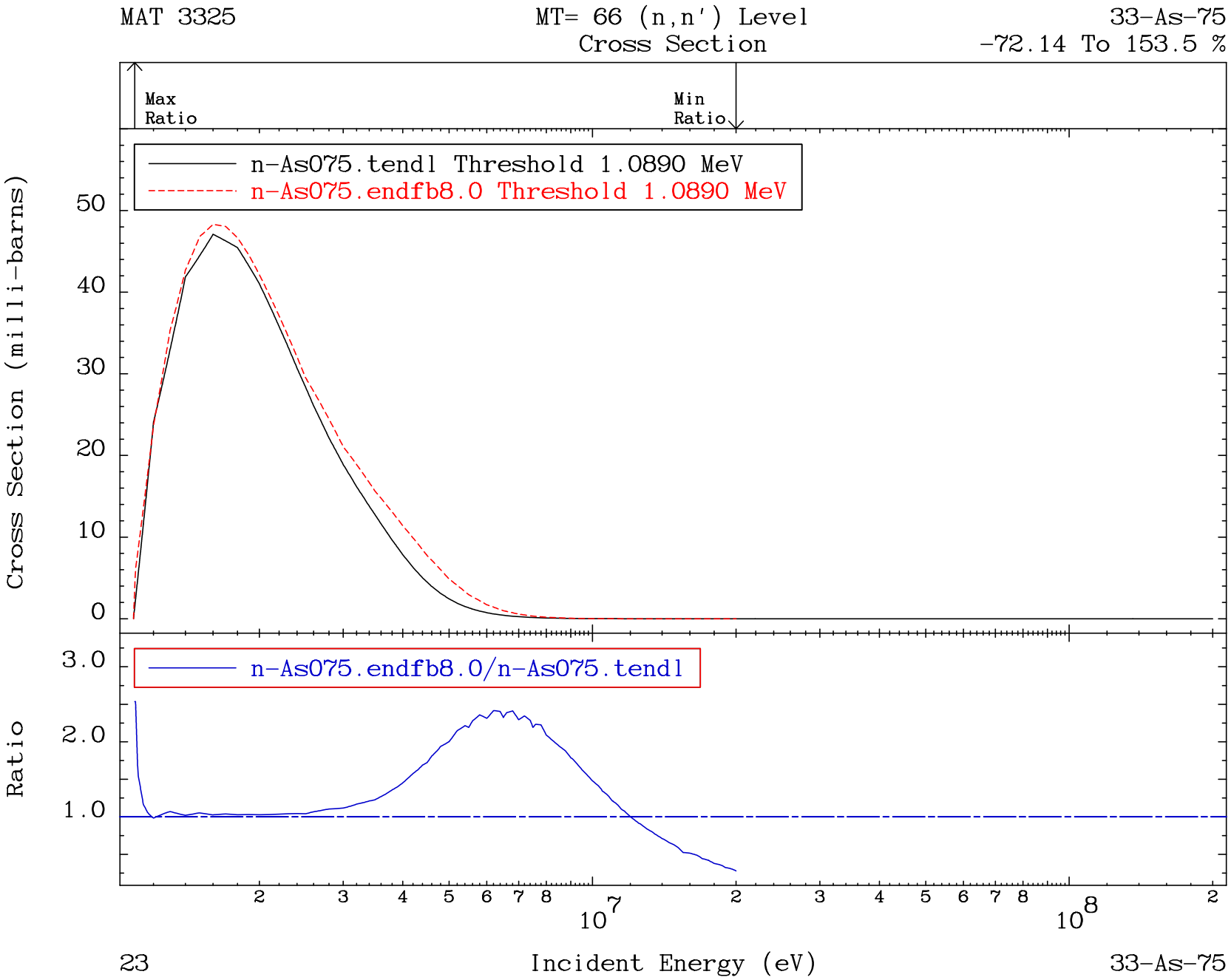

MAT 3325
MT= 61 (n,n') Level
Cross Section
33-As-75
-73.13 To 144.9 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 871.58 keV
n-As075.endfb8.0 Threshold 871.38 keV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
10^6
10^7
10^8
18
Incident Energy (eV)
33-As-75

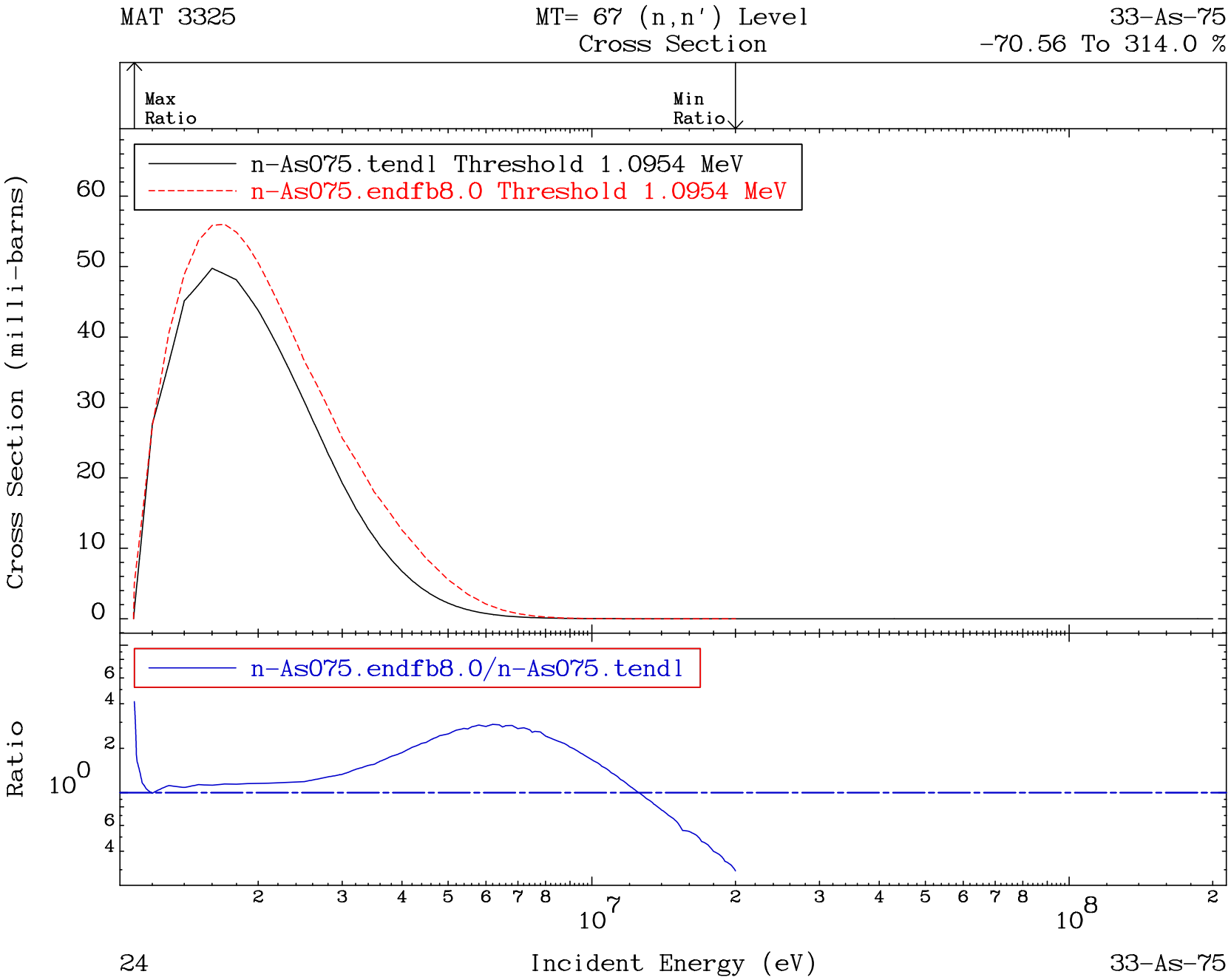

MAT 3325
MT= 62 (n,n') Level
Cross Section
33-As-75
-79.69 To 93.62 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 877.05 keV
n-As075.endfb8.0 Threshold 876.65 keV
Cross Section (milli-barns)
80
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
2.0
1.0
10^6
10^7
10^8
19
Incident Energy (eV)
33-As-75

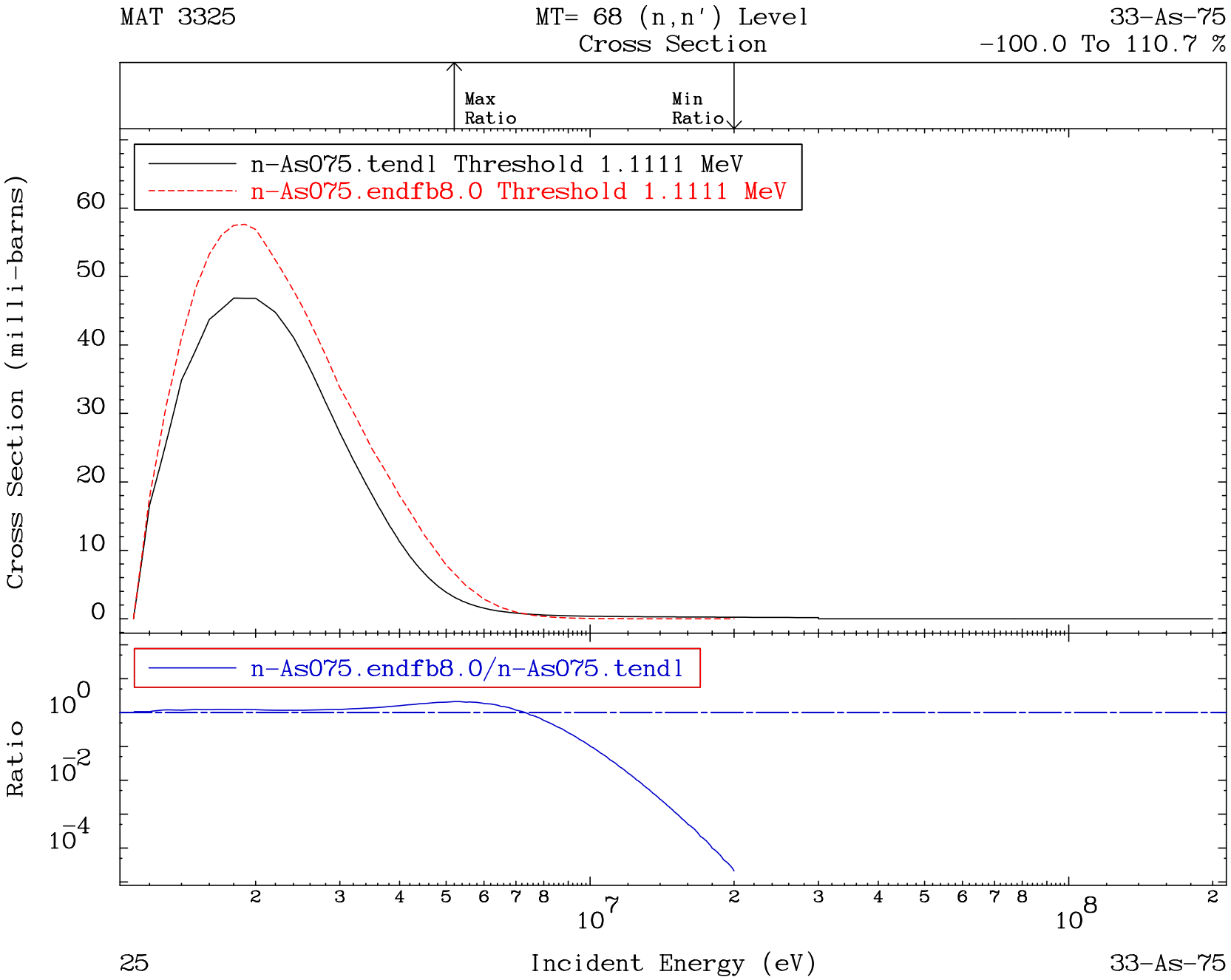

MAT 3325
MT= 63 (n,n') Level
Cross Section
33-As-75
-89.99 To -13.47%
Max Ratio
Min Ratio
n-As075.tendl Threshold 898.33 keV
n-As075.endfb8.0 Threshold 898.33 keV
Cross Section (milli-barns)
80
60
40
20
0
n-As075.endfb8.0/n-As075.tendl
Ratio
0.8
0.4
10^6
10^7
10^8
20
Incident Energy (eV)
33-As-75

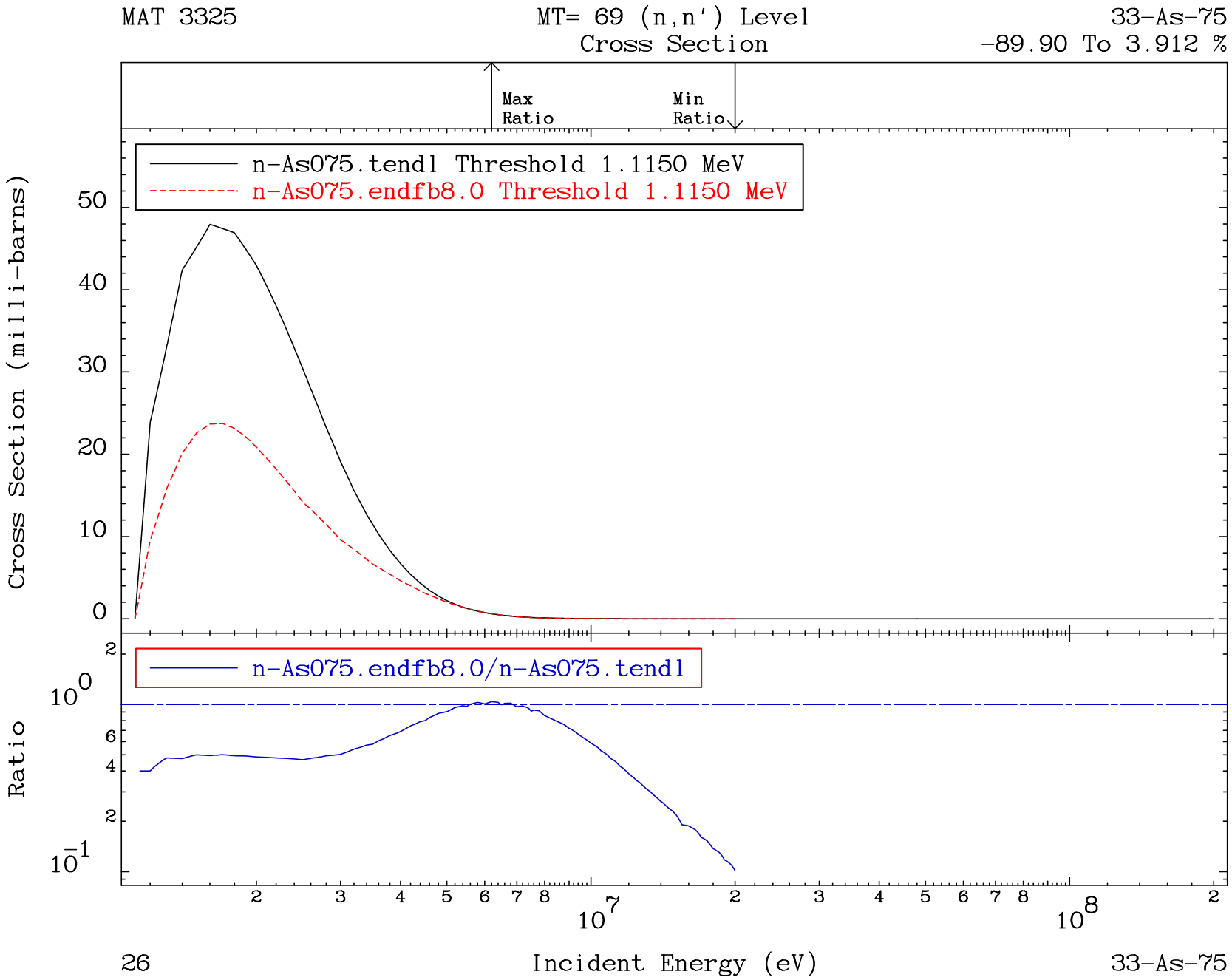

MAT 3325
MT= 64 (n,n') Level
Cross Section
33-As-75
-100.0 To 112.0 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.0575 MeV
n-As075.endfb8.0 Threshold 1.0575 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
21
Incident Energy (eV)
33-As-75

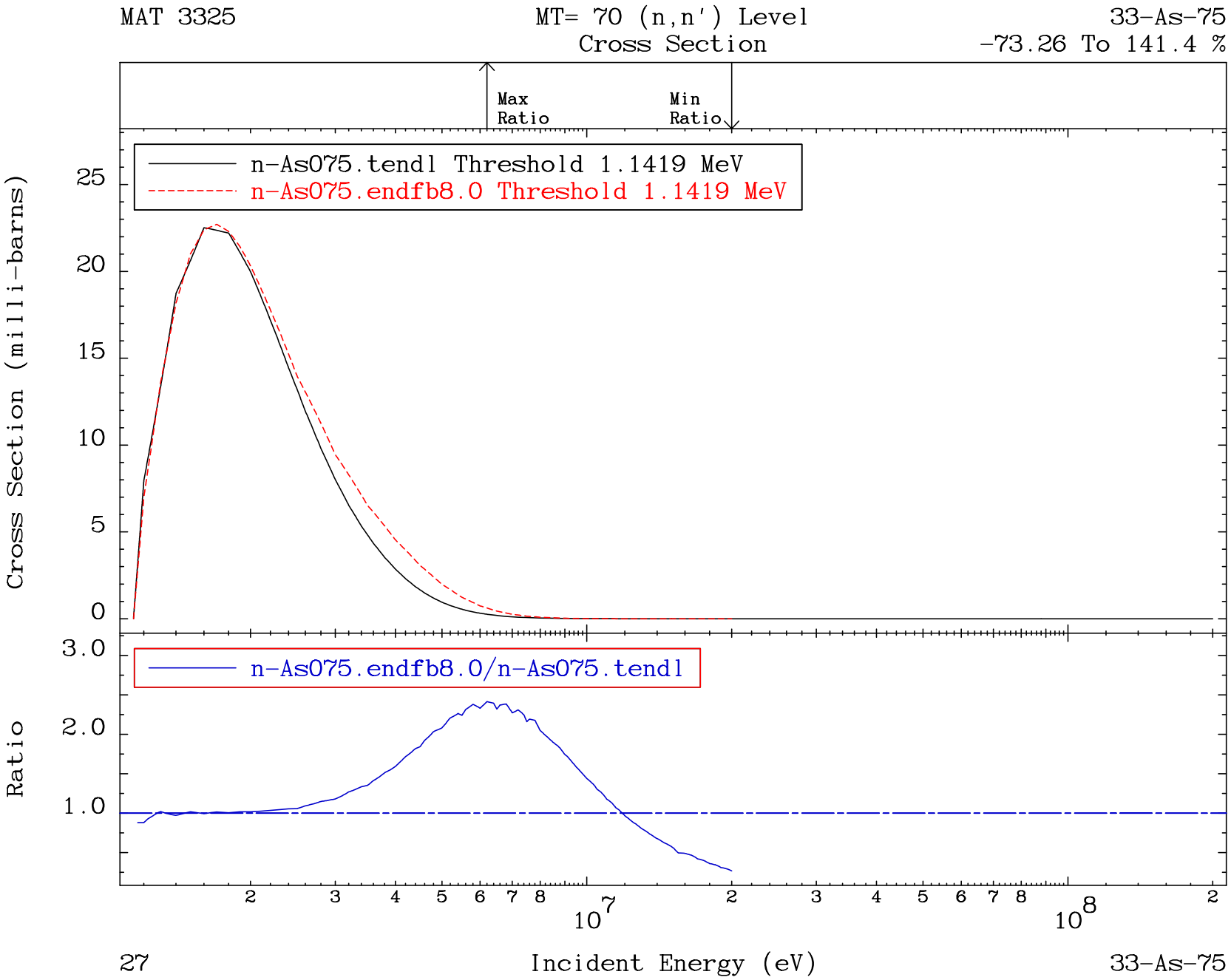

MAT 3325
MT= 65 (n,n') Level
Cross Section
33-As-75
-72.14 To 141.8 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.0776 MeV
n-As075.endfb8.0 Threshold 1.0776 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
22
Incident Energy (eV)
33-As-75

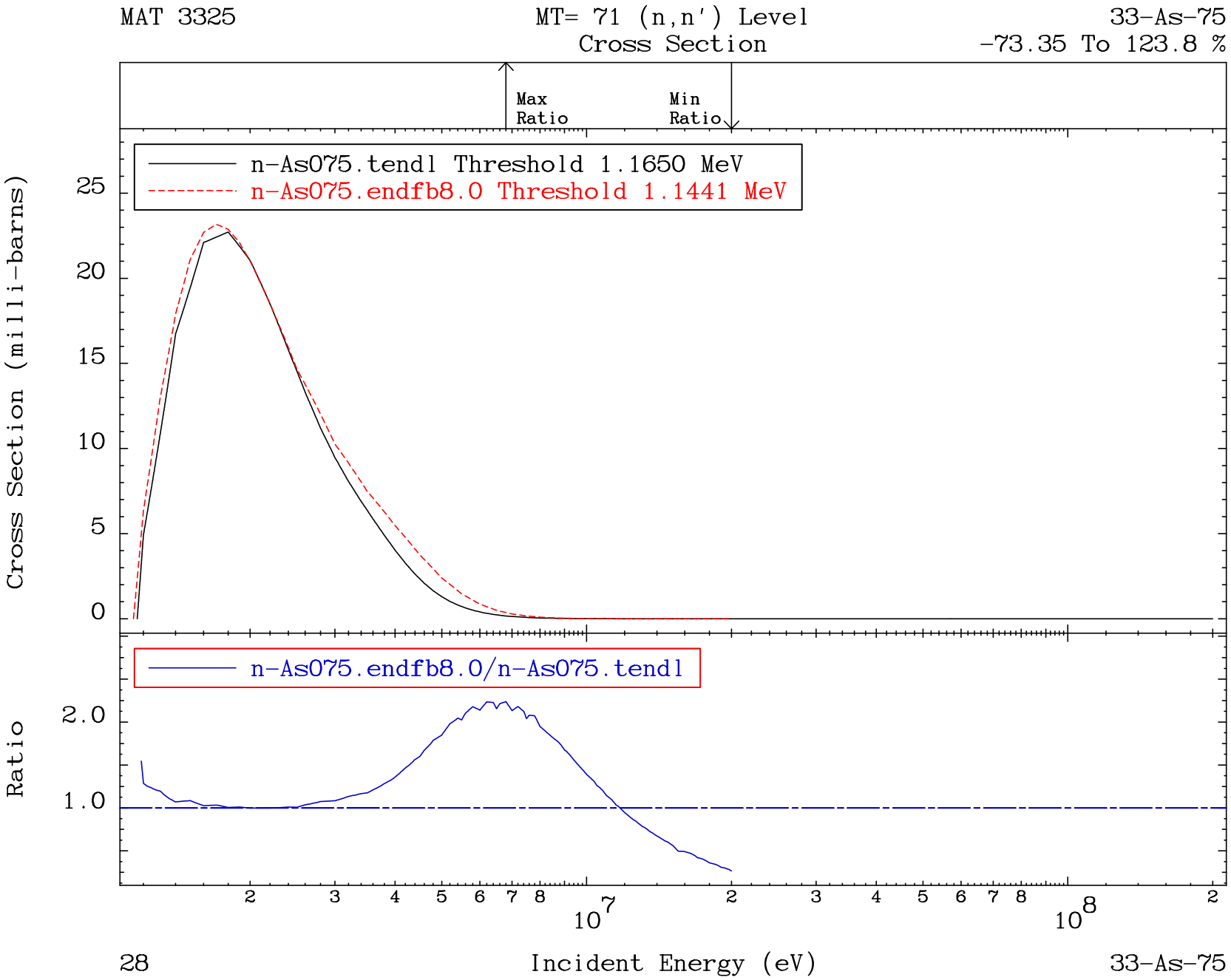

MAT 3325
MT= 66 (n,n') Level
Cross Section
33-As-75
-72.14 To 153.5 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.0890 MeV
n-As075.endfb8.0 Threshold 1.0890 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
23
Incident Energy (eV)
33-As-75

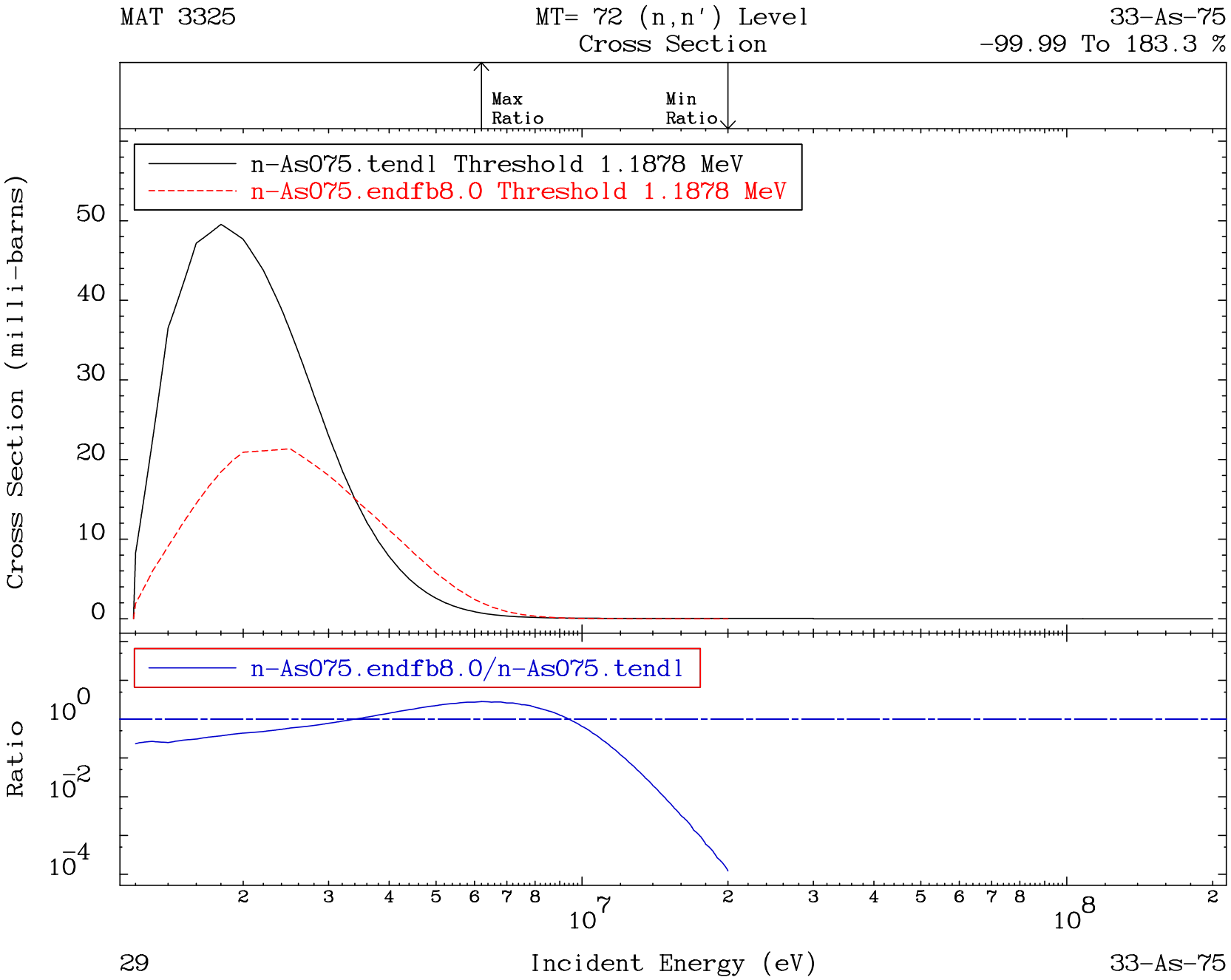

MAT 3325
MT= 67 (n,n') Level
Cross Section
33-As-75
-70.56 To 314.0 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.0954 MeV
n-As075.endfb8.0 Threshold 1.0954 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
6
4
2
10^0
6
4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
24
Incident Energy (eV)
33-As-75

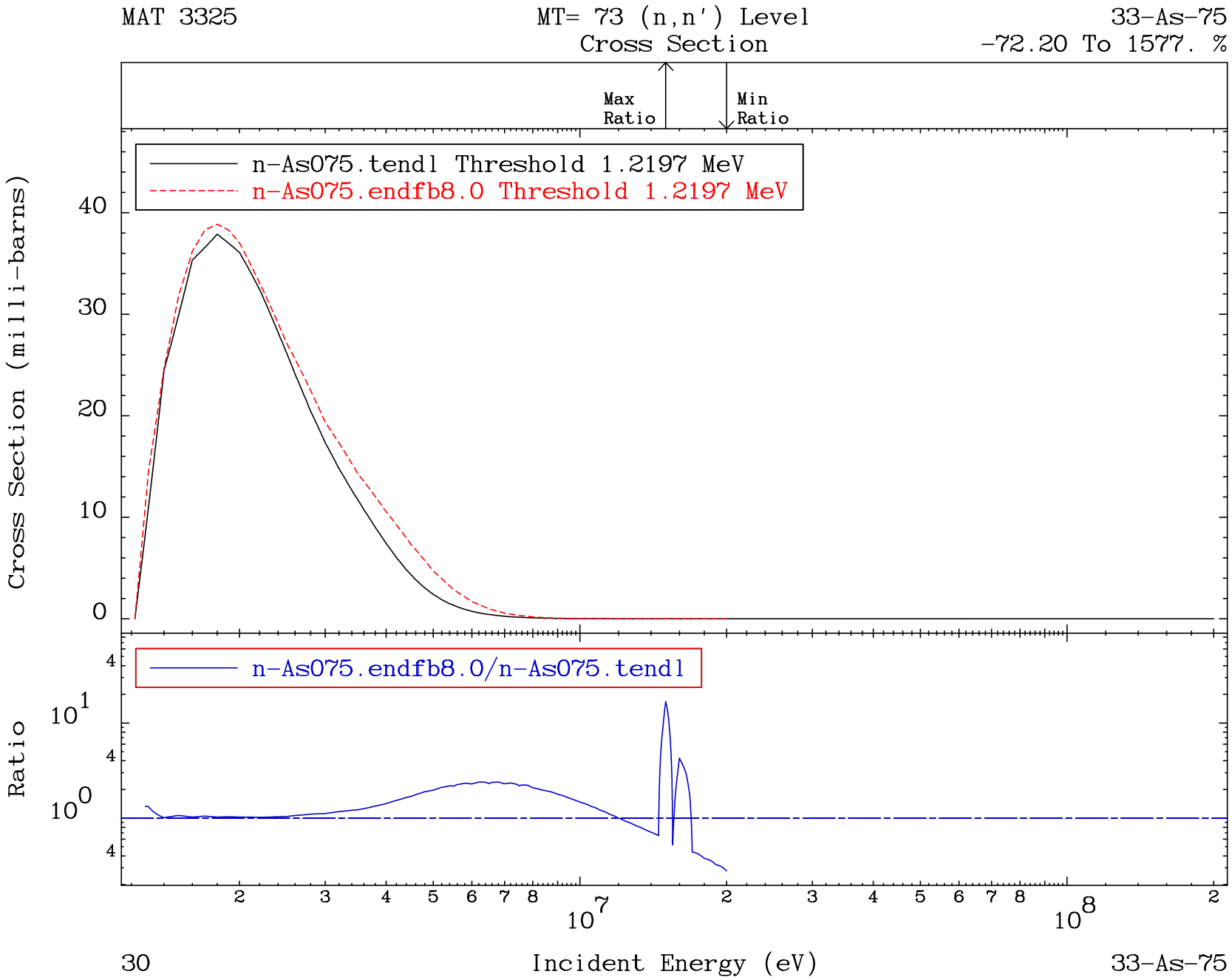

MAT 3325
MT= 68 (n,n') Level
Cross Section
33-As-75
-100.0 To 110.7 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.1111 MeV
n-As075.endfb8.0 Threshold 1.1111 MeV
Cross Section (milli-barns)
0
10
20
30
40
50
60
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
25
Incident Energy (eV)
33-As-75

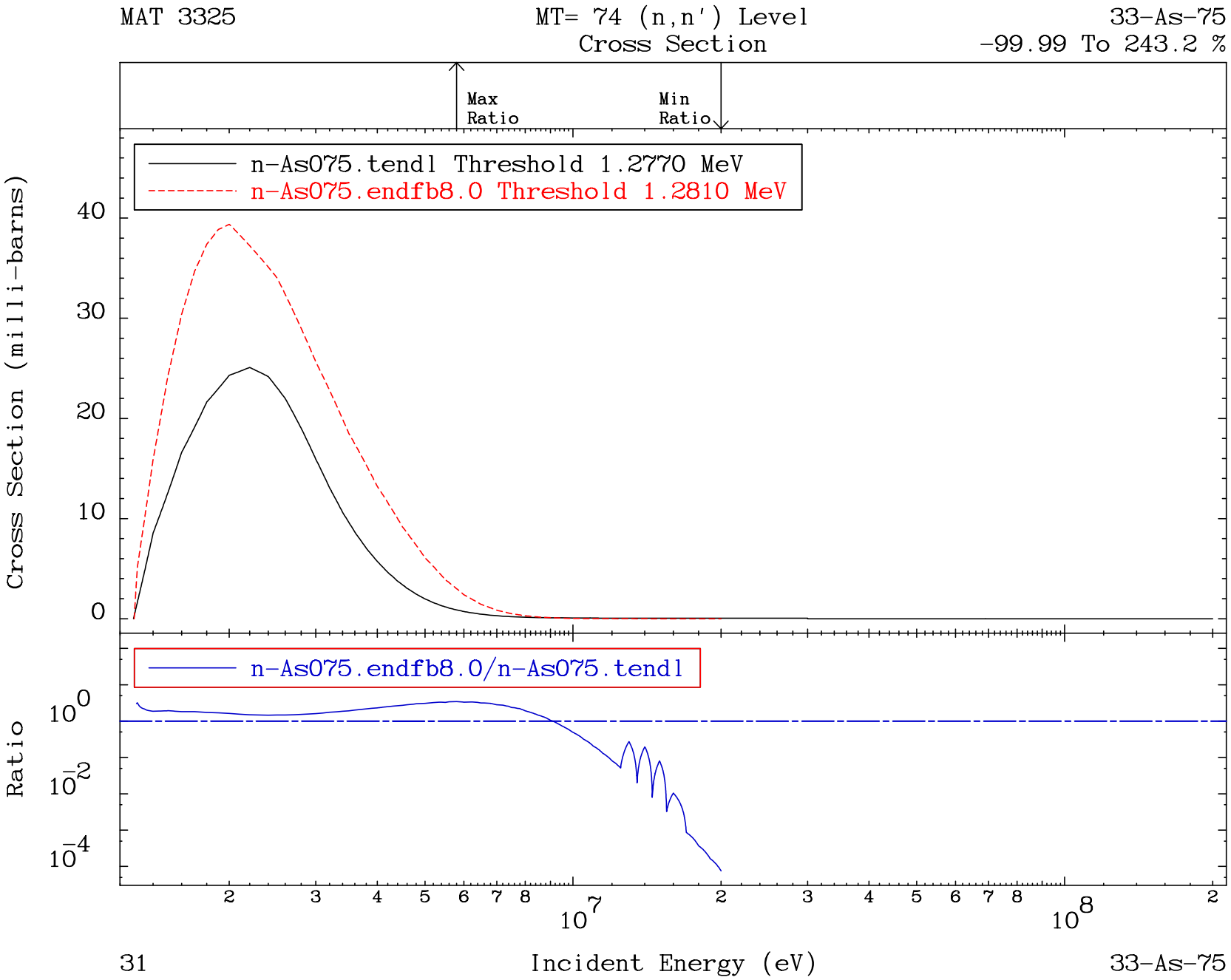

MAT 3325
MT= 69 (n,n') Level
Cross Section
33-As-75
-89.90 To 3.912 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.1150 MeV
n-As075.endfb8.0 Threshold 1.1150 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
2
10^0
6
4
2
10^-1
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
26
Incident Energy (eV)
33-As-75

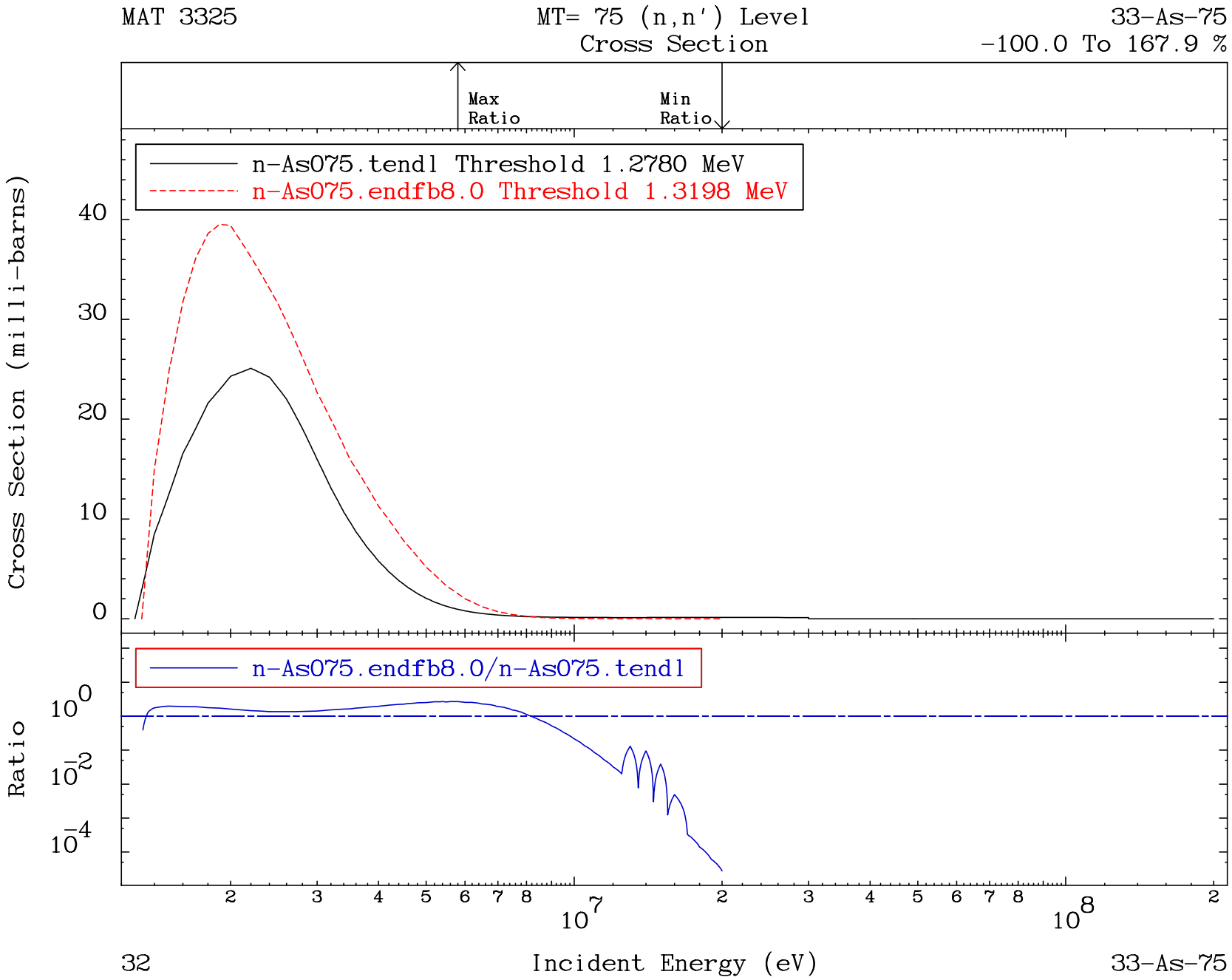

MAT 3325
MT= 70 (n,n') Level
Cross Section
33-As-75
-73.26 To 141.4 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.1419 MeV
n-As075.endfb8.0 Threshold 1.1419 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-As075.endfb8.0/n-As075.tendl
Ratio
3.0
2.0
1.0
2
3
4
5
6
7
8
10^7
10^8
27
Incident Energy (eV)
33-As-75

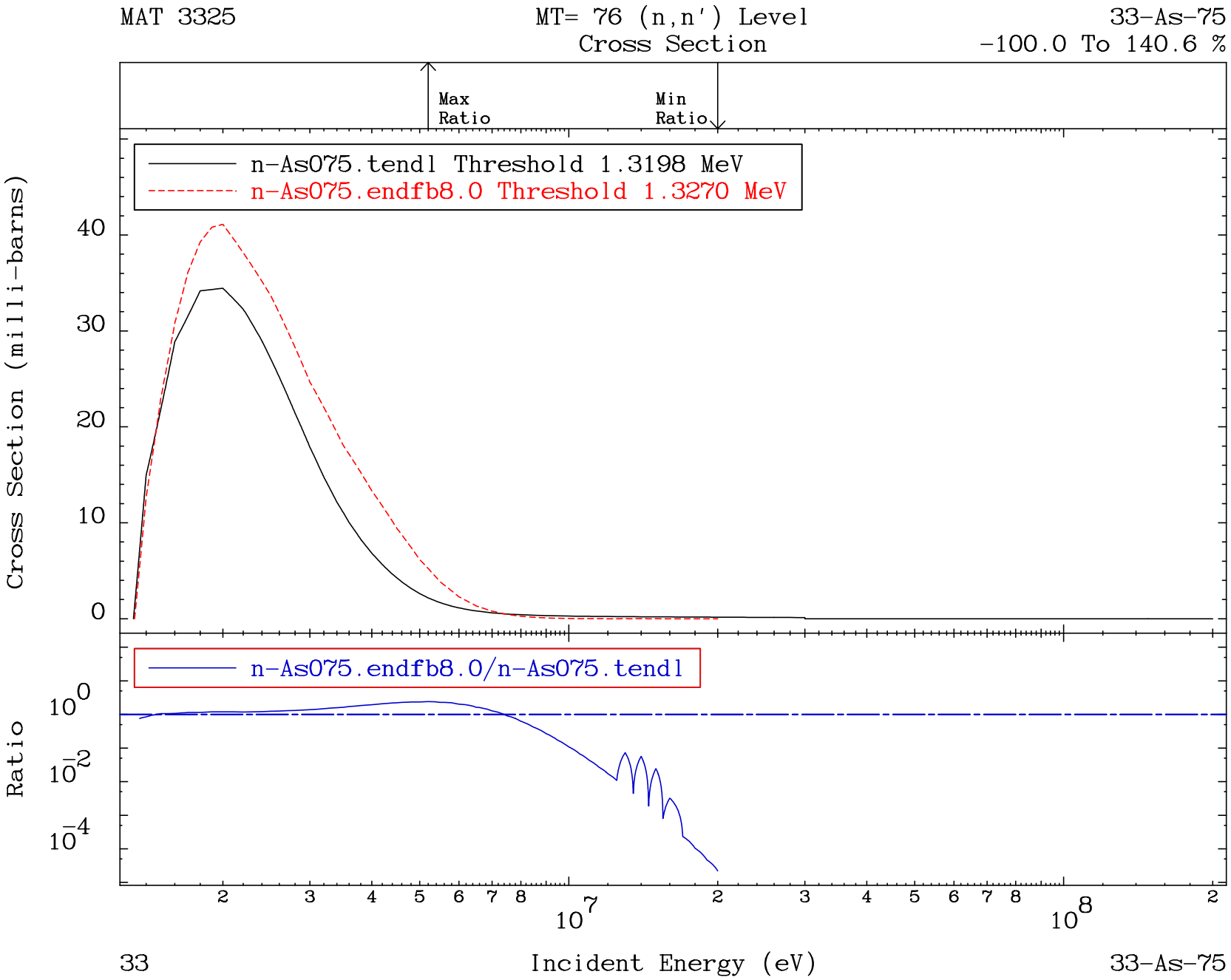

MAT 3325
MT= 71 (n,n') Level
Cross Section
33-As-75
-73.35 To 123.8 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.1650 MeV
n-As075.endfb8.0 Threshold 1.1441 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
n-As075.endfb8.0/n-As075.tendl
Ratio
2.0
1.0
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
28
Incident Energy (eV)
33-As-75

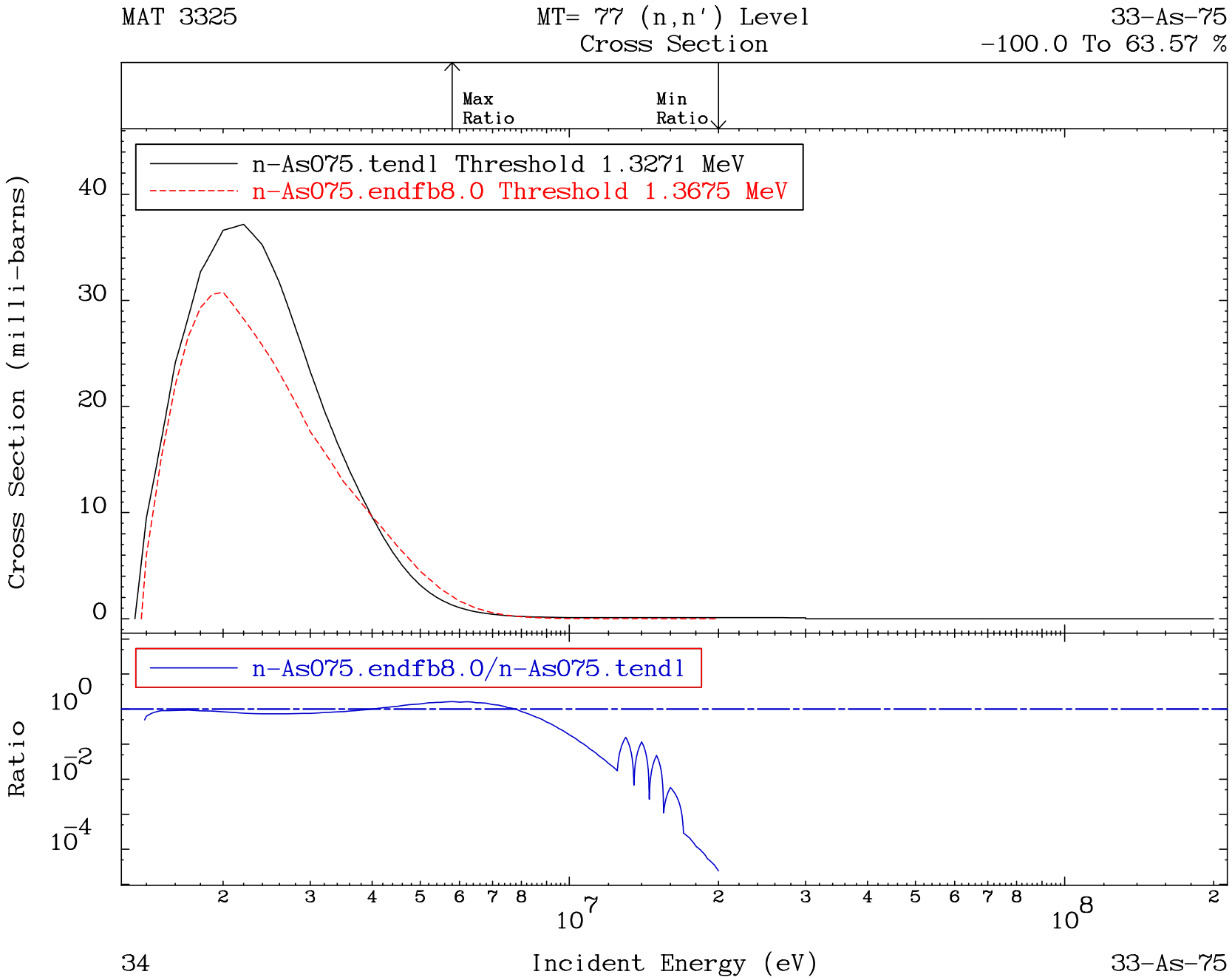

MAT 3325
MT= 72 (n,n') Level
Cross Section
33-As-75
-99.99 To 183.3 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.1878 MeV
n-As075.endfb8.0 Threshold 1.1878 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2
3
4
5
6
7
8
10^7
10^8
29
Incident Energy (eV)
33-As-75

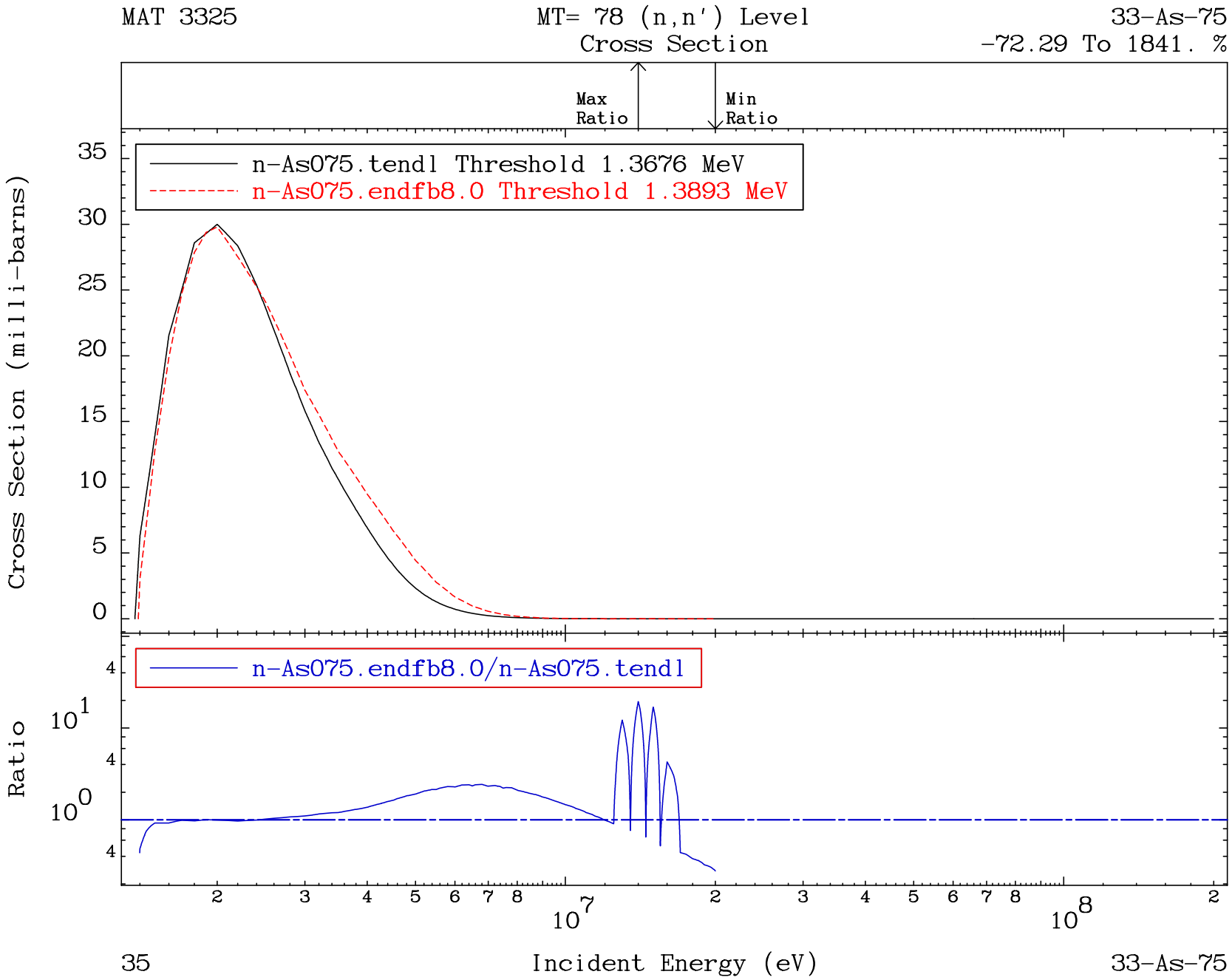

MAT 3325
MT= 73 (n,n') Level
Cross Section
33-As-75
-72.20 To 1577. %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.2197 MeV
n-As075.endfb8.0 Threshold 1.2197 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^1
10^0
4
2 3 4 5 6 7 8
10^7
10^8
30
Incident Energy (eV)
33-As-75

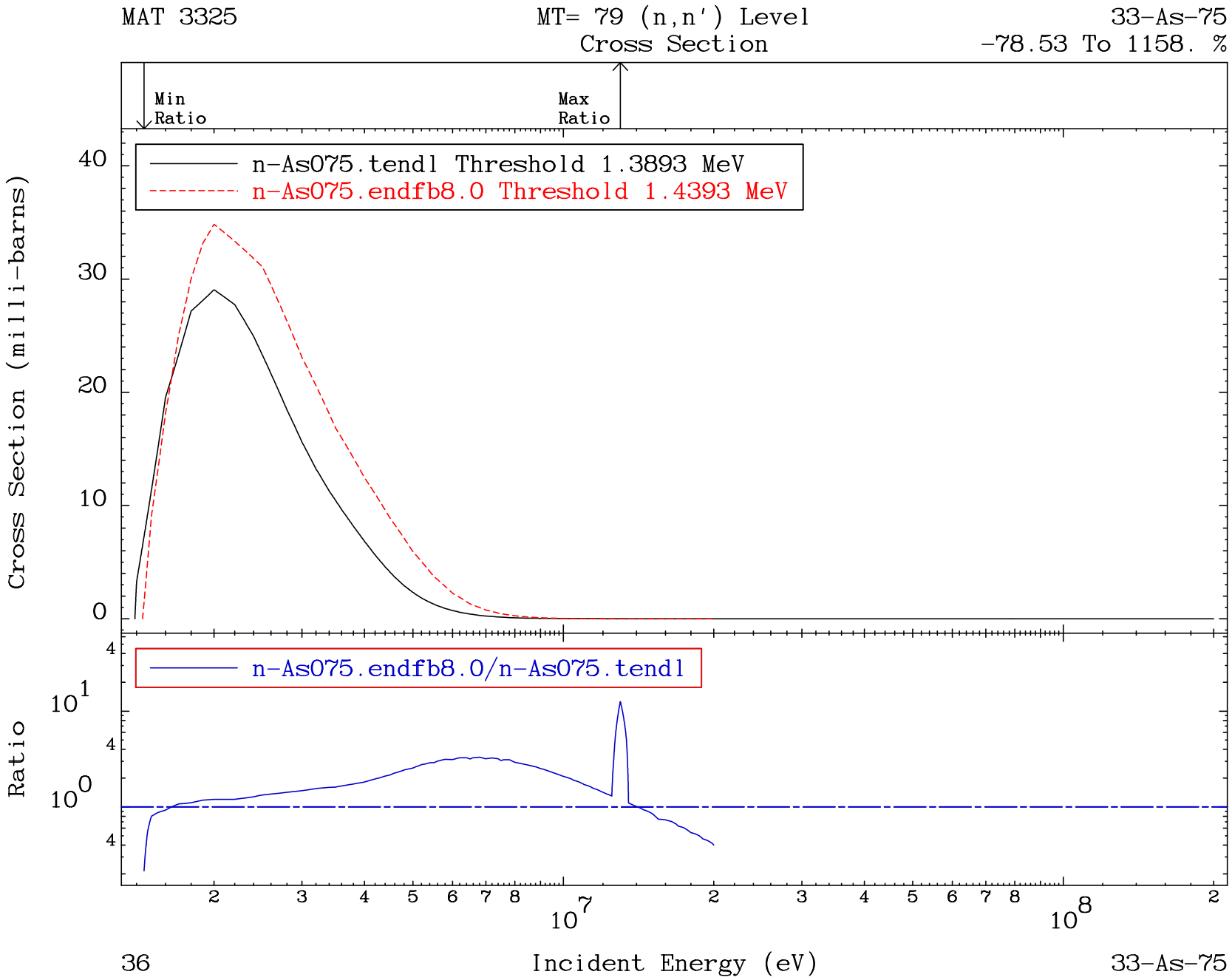

MAT 3325
MT= 74 (n,n') Level
Cross Section
33-As-75
-99.99 To 243.2 %
Max
Ratio
Min
Ratio
n-As075.tendl Threshold 1.2770 MeV
n-As075.endfb8.0 Threshold 1.2810 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
31
Incident Energy (eV)
33-As-75

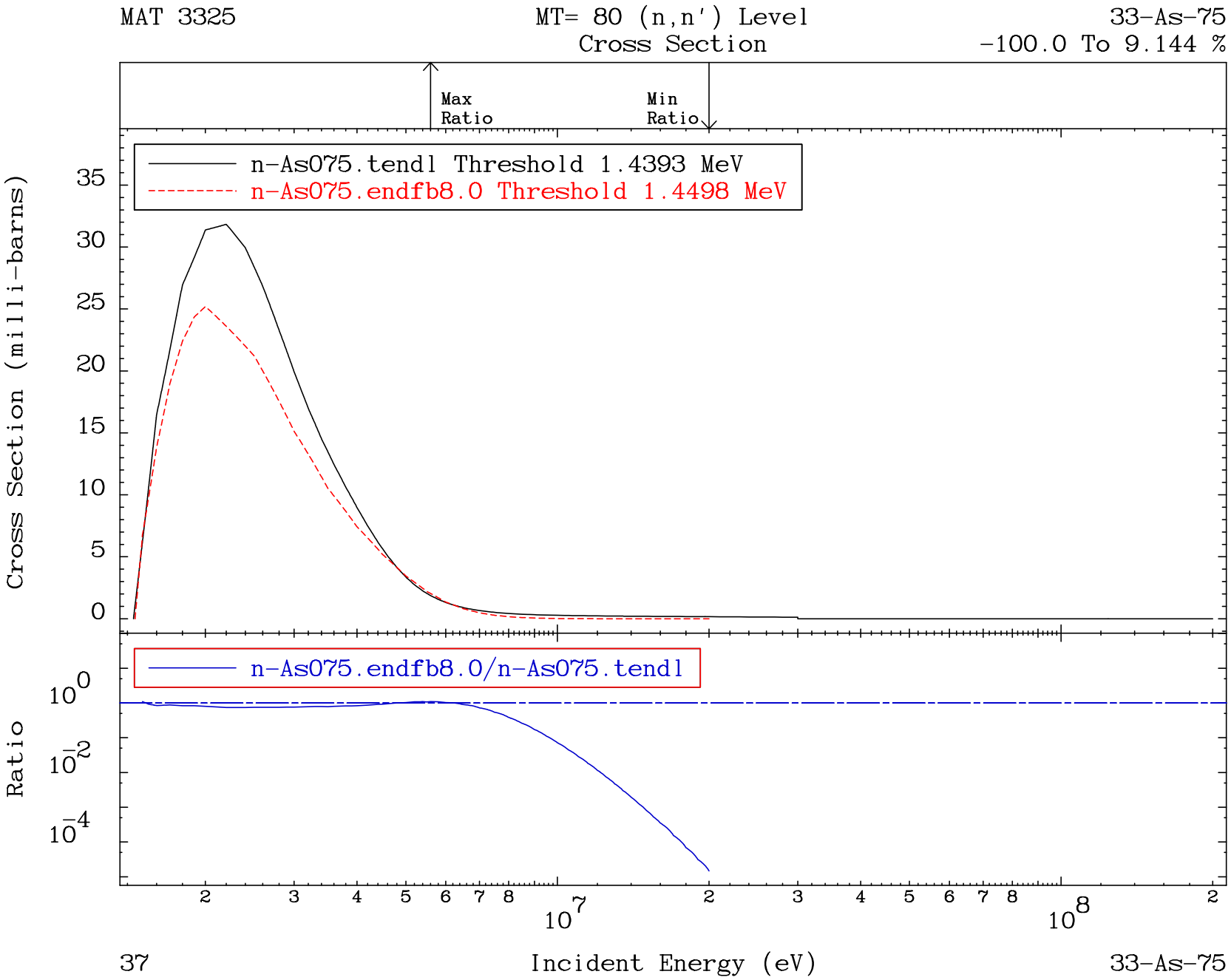

MAT 3325
MT= 75 (n,n') Level
Cross Section
33-As-75
-100.0 To 167.9 %
Max
Ratio
Min
Ratio
n-As075.tendl Threshold 1.2780 MeV
n-As075.endfb8.0 Threshold 1.3198 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
32
Incident Energy (eV)
33-As-75

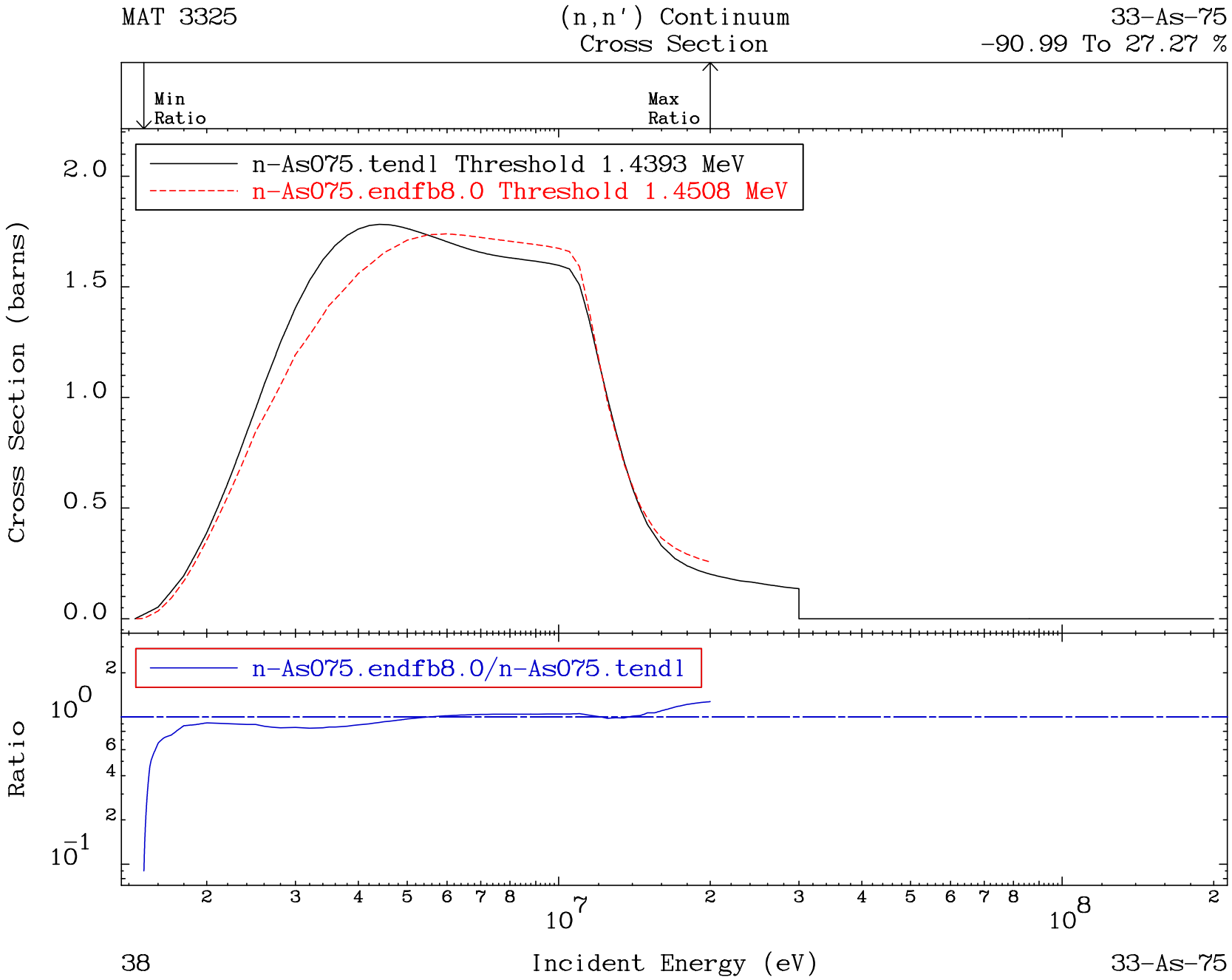

MAT 3325
MT= 76 (n,n') Level
Cross Section
33-As-75
-100.0 To 140.6 %
Max
Ratio
Min
Ratio
n-As075.tendl Threshold 1.3198 MeV
n-As075.endfb8.0 Threshold 1.3270 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
33
Incident Energy (eV)
33-As-75

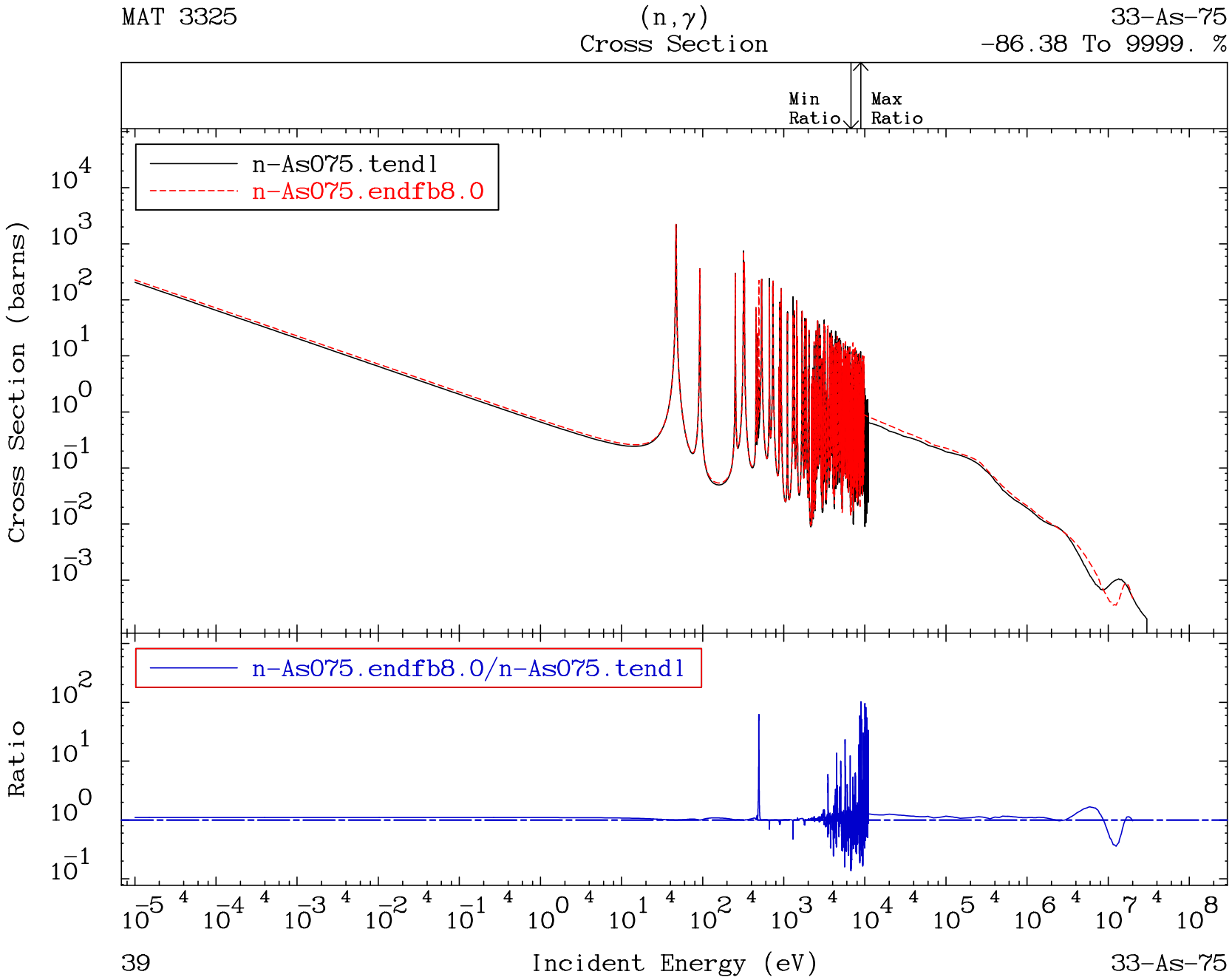

MAT 3325
MT= 77 (n,n') Level
Cross Section
33-As-75
-100.0 To 63.57 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.3271 MeV
n-As075.endfb8.0 Threshold 1.3675 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
34
Incident Energy (eV)
33-As-75

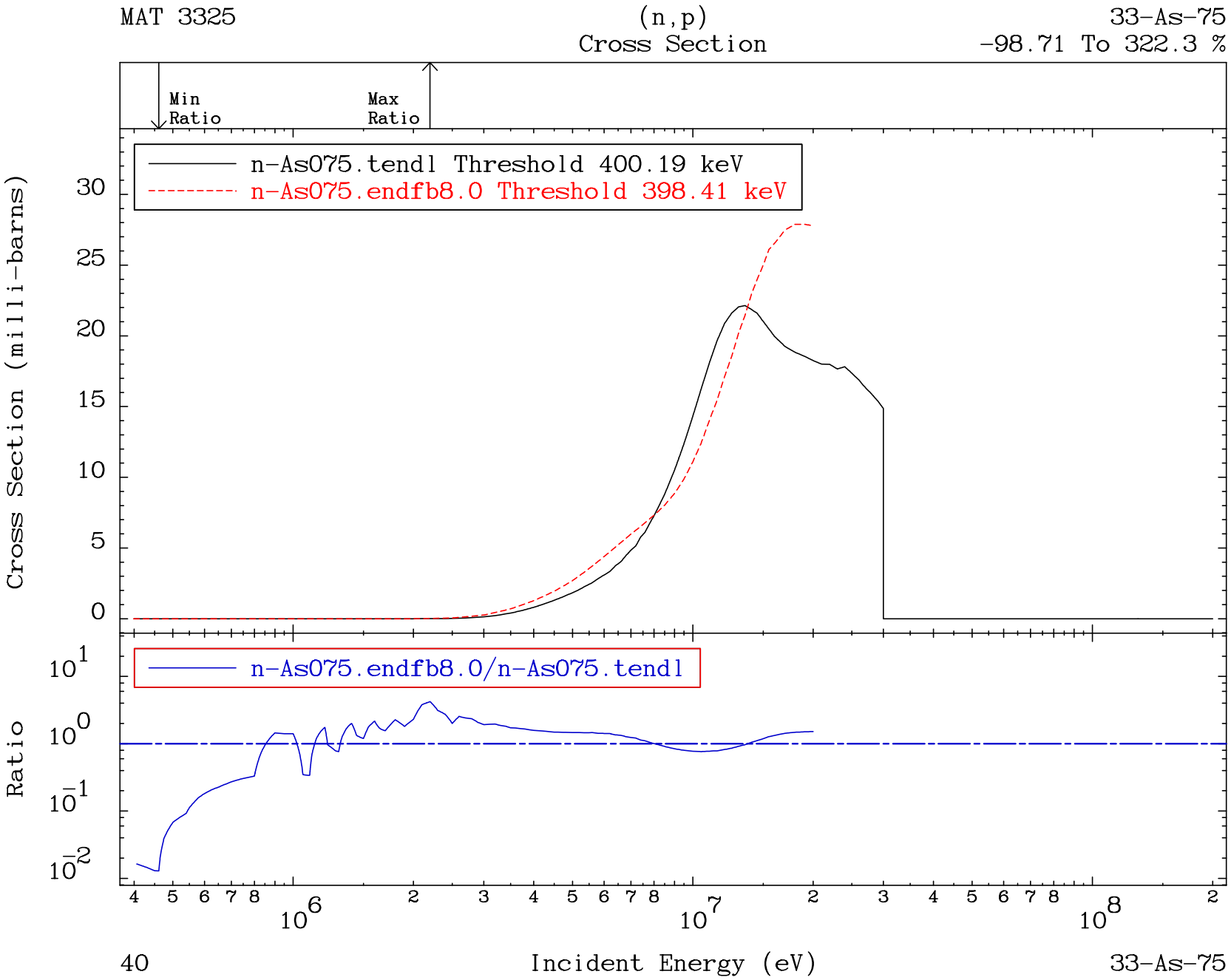

MAT 3325
MT= 78 (n,n') Level
Cross Section
33-As-75
-72.29 To 1841. %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.3676 MeV
n-As075.endfb8.0 Threshold 1.3893 MeV
Cross Section (milli-barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
35
33-As-75

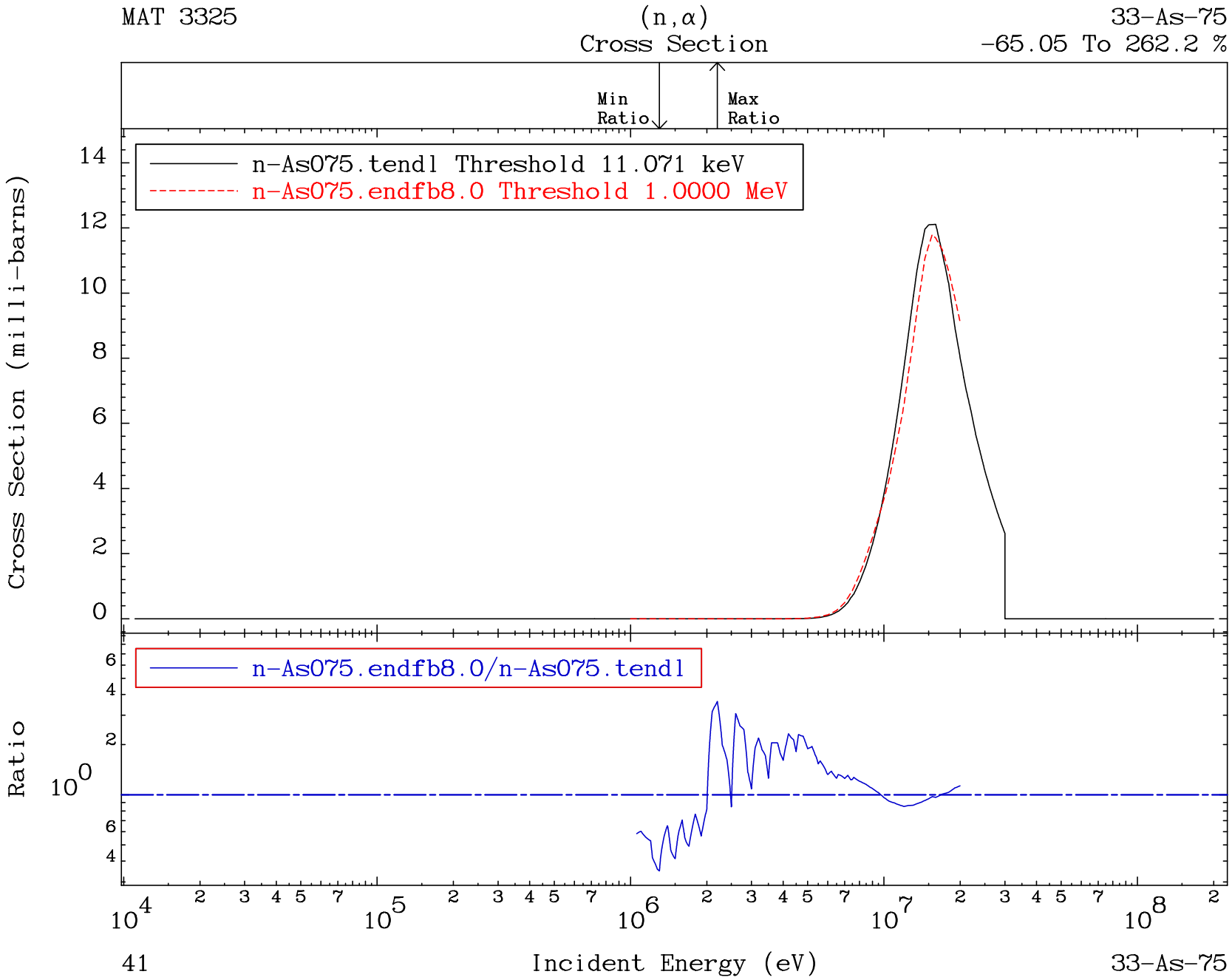

MAT 3325
MT= 79 (n,n') Level
Cross Section
33-As-75
-78.53 To 1158. %
Min Ratio
Max Ratio
n-As075.tendl Threshold 1.3893 MeV
n-As075.endfb8.0 Threshold 1.4393 MeV
Cross Section (milli-barns)
40
30
20
10
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^1
10^0
4
2 3 4 5 6 7 8
10^7
10^8
36
Incident Energy (eV)
33-As-75

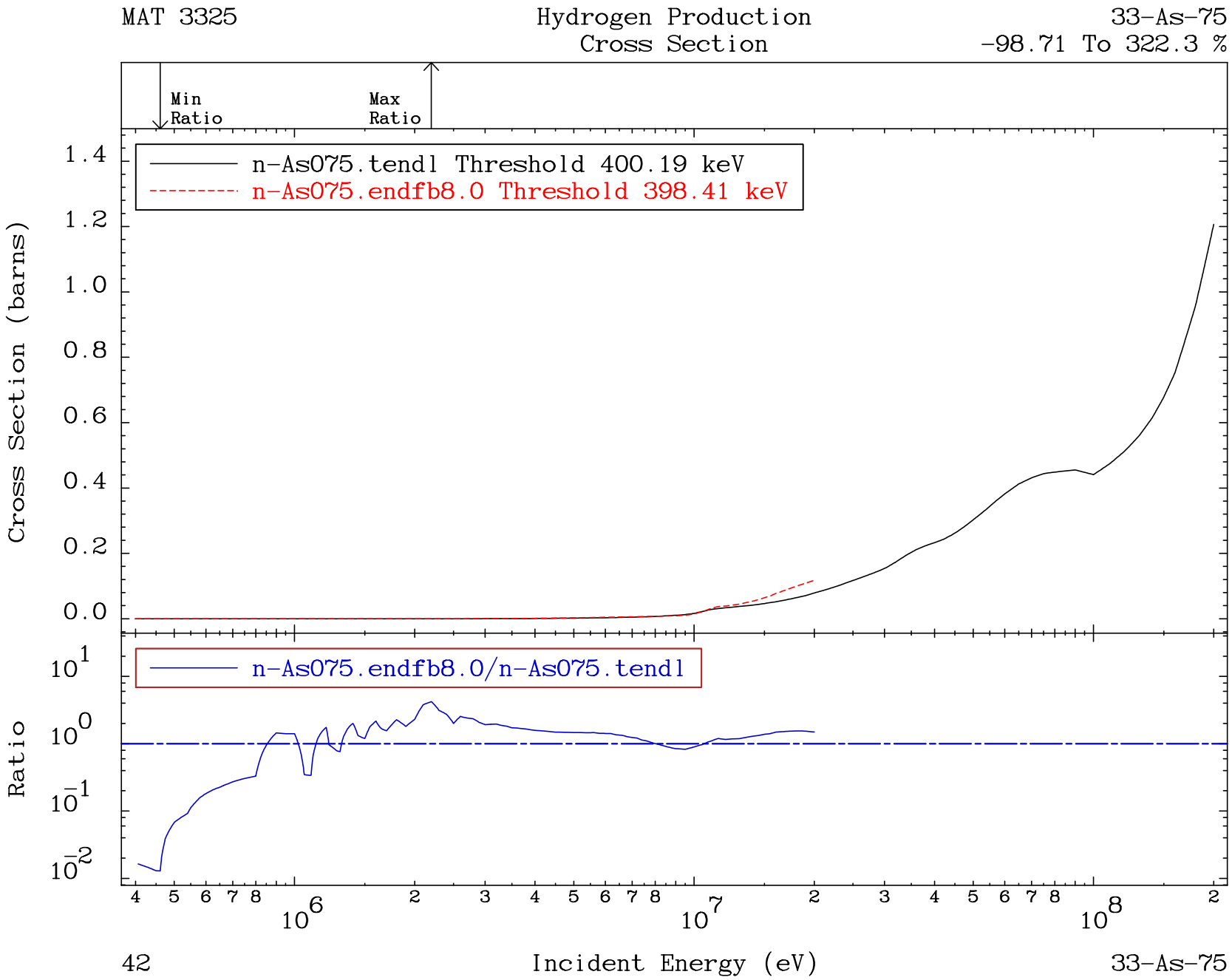

MAT 3325
MT= 80 (n,n') Level
Cross Section
33-As-75
-100.0 To 9.144 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 1.4393 MeV
n-As075.endfb8.0 Threshold 1.4498 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-2
10^-4
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
37
Incident Energy (eV)
33-As-75

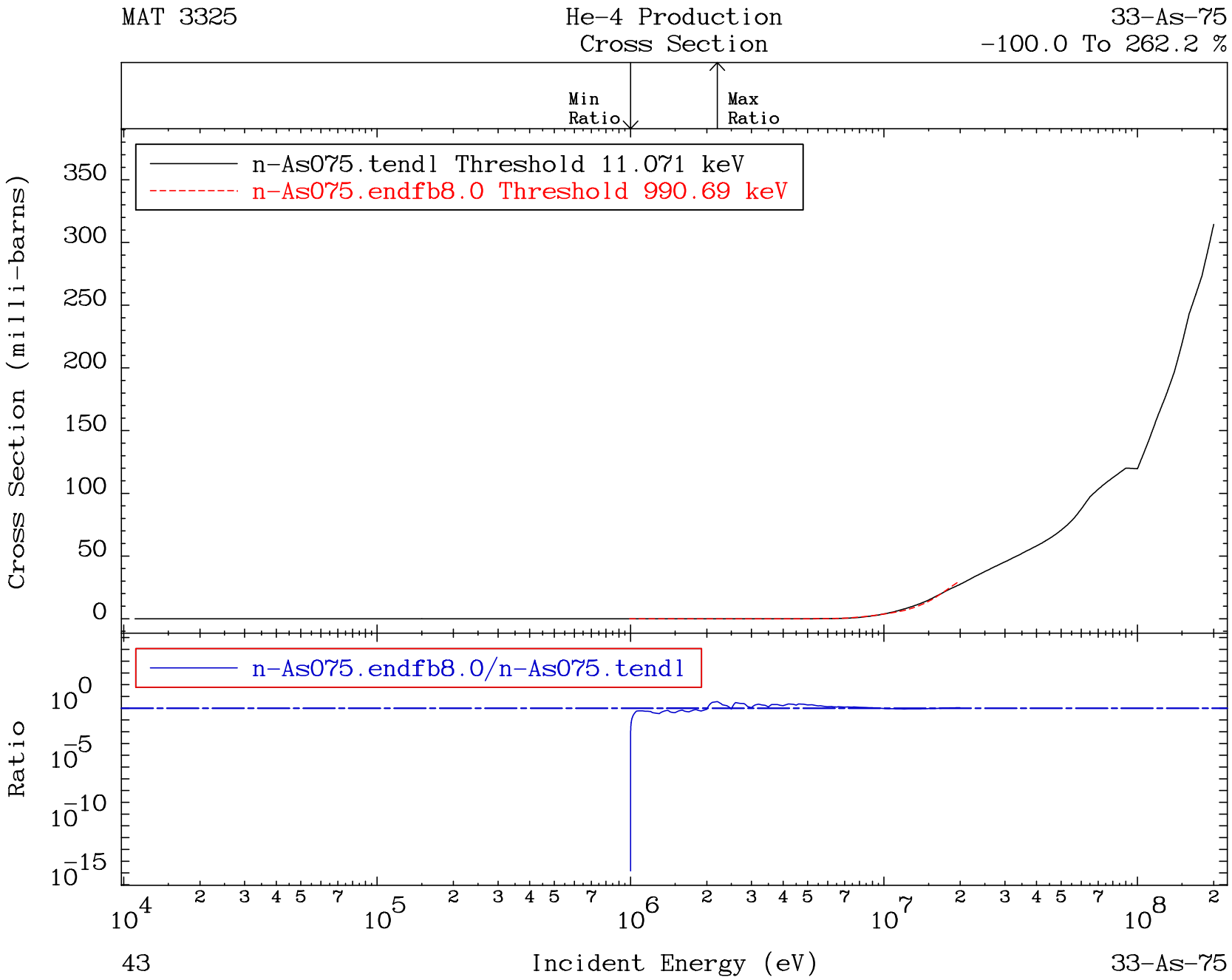

MAT 3325
(n,n') Continuum
Cross Section
33-As-75
-90.99 To 27.27 %
Min
Ratio
Max
Ratio
n-As075.tendl Threshold 1.4393 MeV
n-As075.endfb8.0 Threshold 1.4508 MeV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-1
2
6
4
2
2 3 4 5 6 7 8
10^7
2 3 4 5 6 7 8
10^8
2
38
Incident Energy (eV)
33-As-75

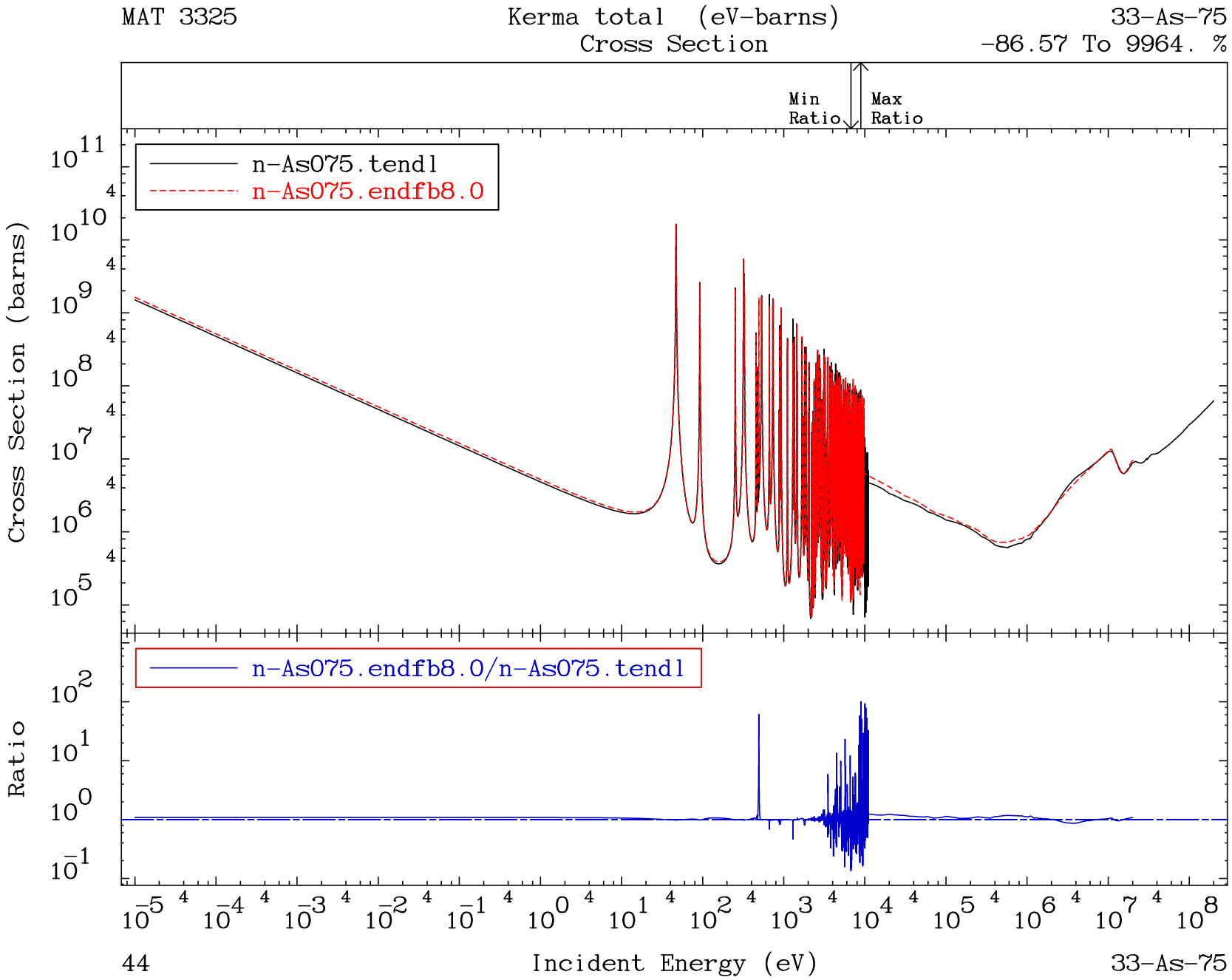

MAT 3325
(n,γ)
Cross Section
33-As-75
-86.38 To 9999. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
39
33-As-75

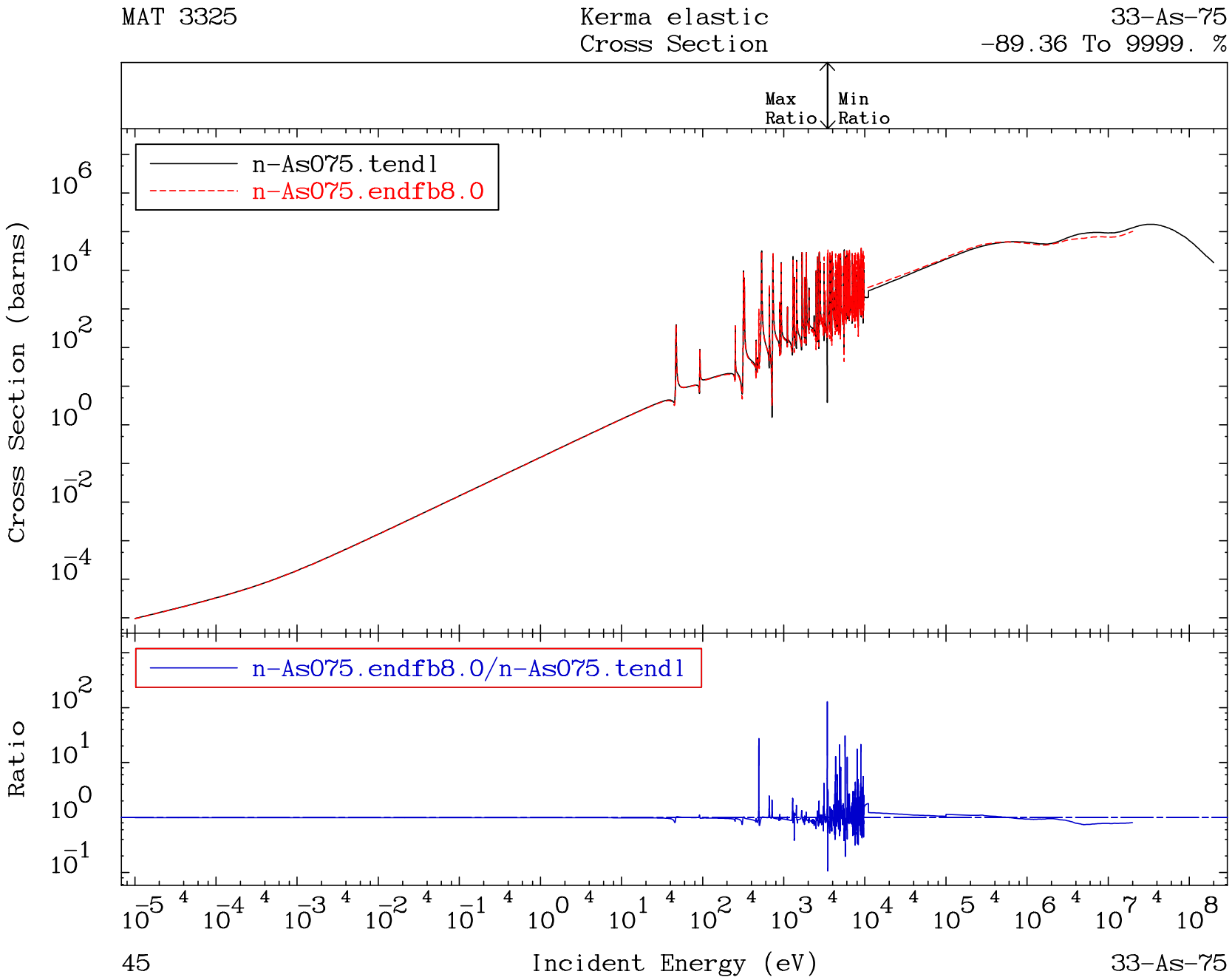

MAT 3325
(n,p)
Cross Section
33-As-75
-98.71 To 322.3 %
Min Ratio
Max Ratio
n-As075.tendl Threshold 400.19 keV
n-As075.endfb8.0 Threshold 398.41 keV
Cross Section (milli-barns)
30
25
20
15
10
5
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^1
10^0
10^-1
10^-2
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
40
Incident Energy (eV)
33-As-75

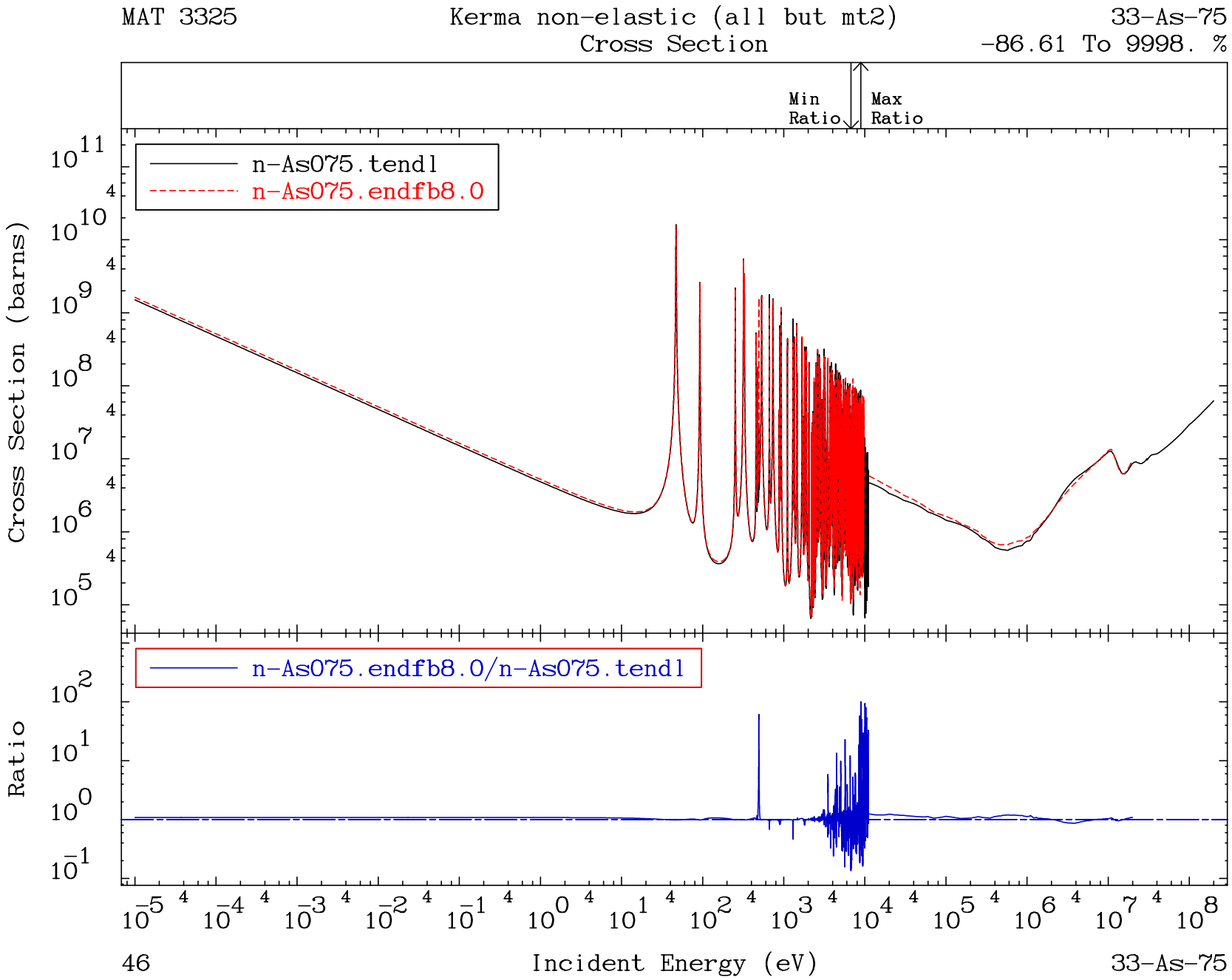

MAT 3325
(n,α)
Cross Section
33-As-75
-65.05 To 262.2 %
Min Ratio
Max Ratio
n-As075.tendl Threshold 11.071 keV
n-As075.endfb8.0 Threshold 1.0000 MeV
Cross Section (milli-barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
41
33-As-75

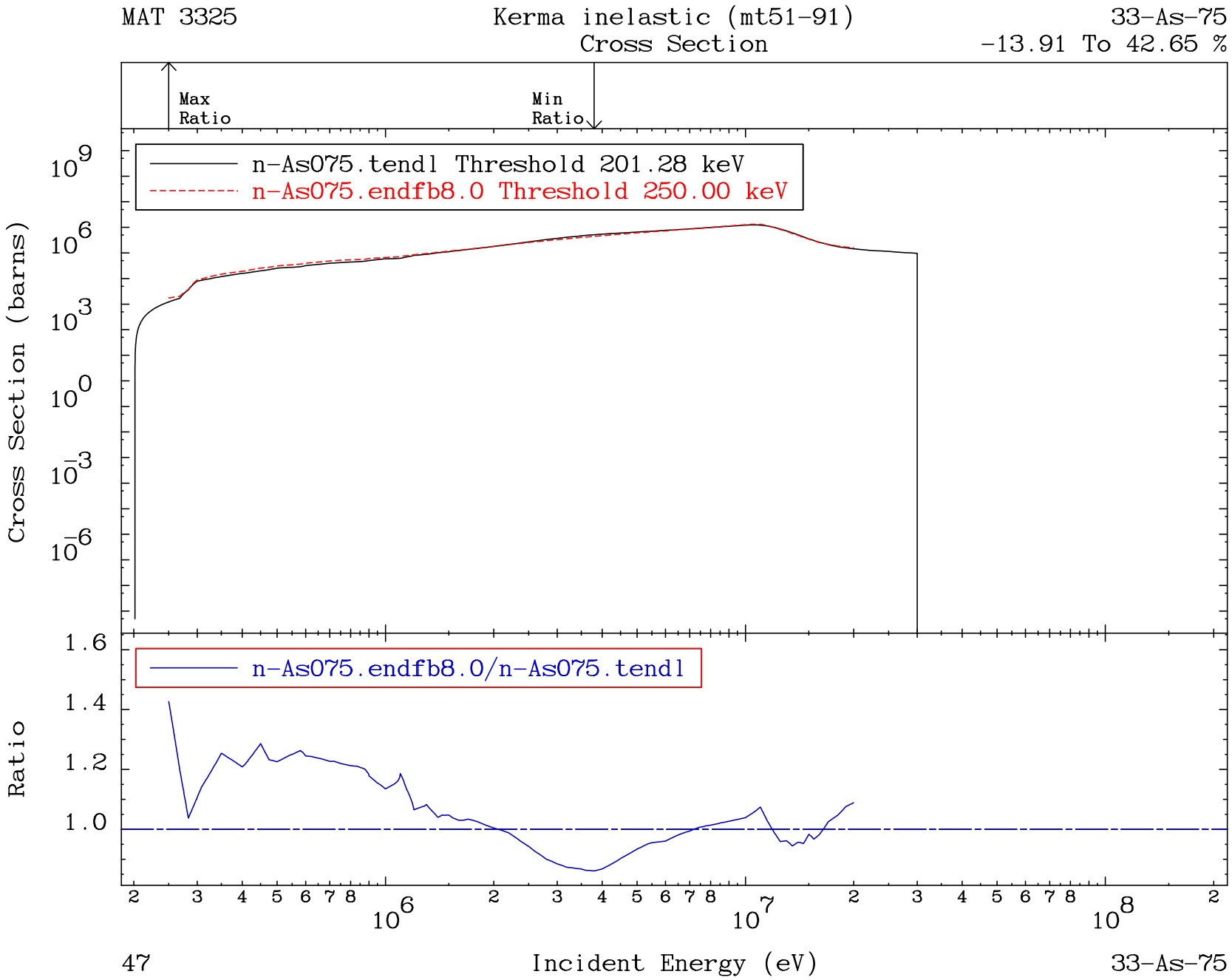

MAT 3325
Hydrogen Production
Cross Section
33-As-75
-98.71 To 322.3 %
Min Ratio
Max Ratio
n-As075.tendl Threshold 400.19 keV
n-As075.endfb8.0 Threshold 398.41 keV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^1
10^0
10^-1
10^-2
4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
42
Incident Energy (eV)
33-As-75

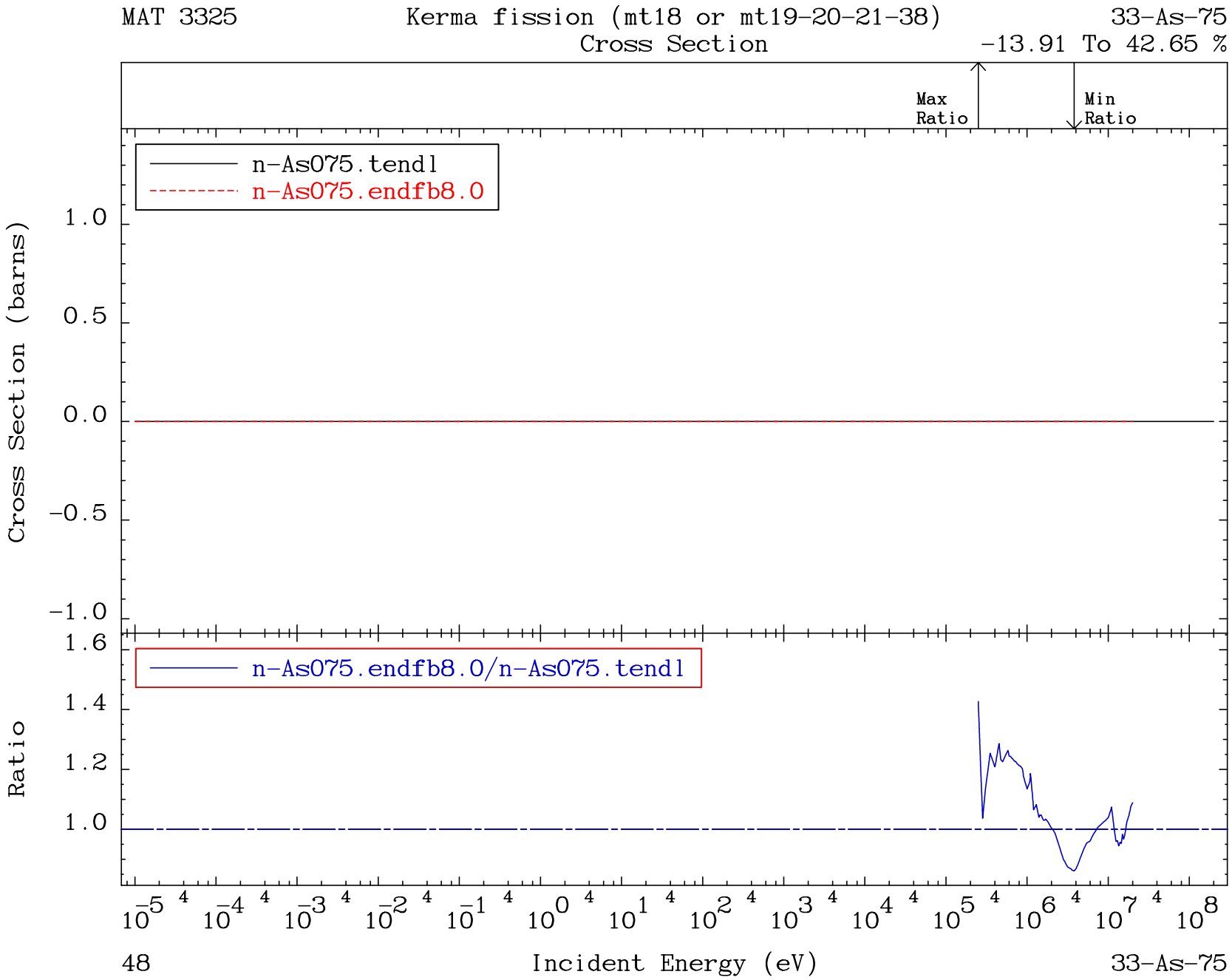

MAT 3325
He-4 Production
Cross Section
33-As-75
-100.0 To 262.2 %
Min Ratio
Max Ratio
n-As075.tendl Threshold 11.071 keV
n-As075.endfb8.0 Threshold 990.69 keV
Cross Section (milli-barns)
350
300
250
200
150
100
50
0
n-As075.endfb8.0/n-As075.tendl
Ratio
10^0
10^-5
10^-10
10^-15
10^4
10^5
10^6
10^7
10^8
2 3 4 5 7
43
Incident Energy (eV)
33-As-75

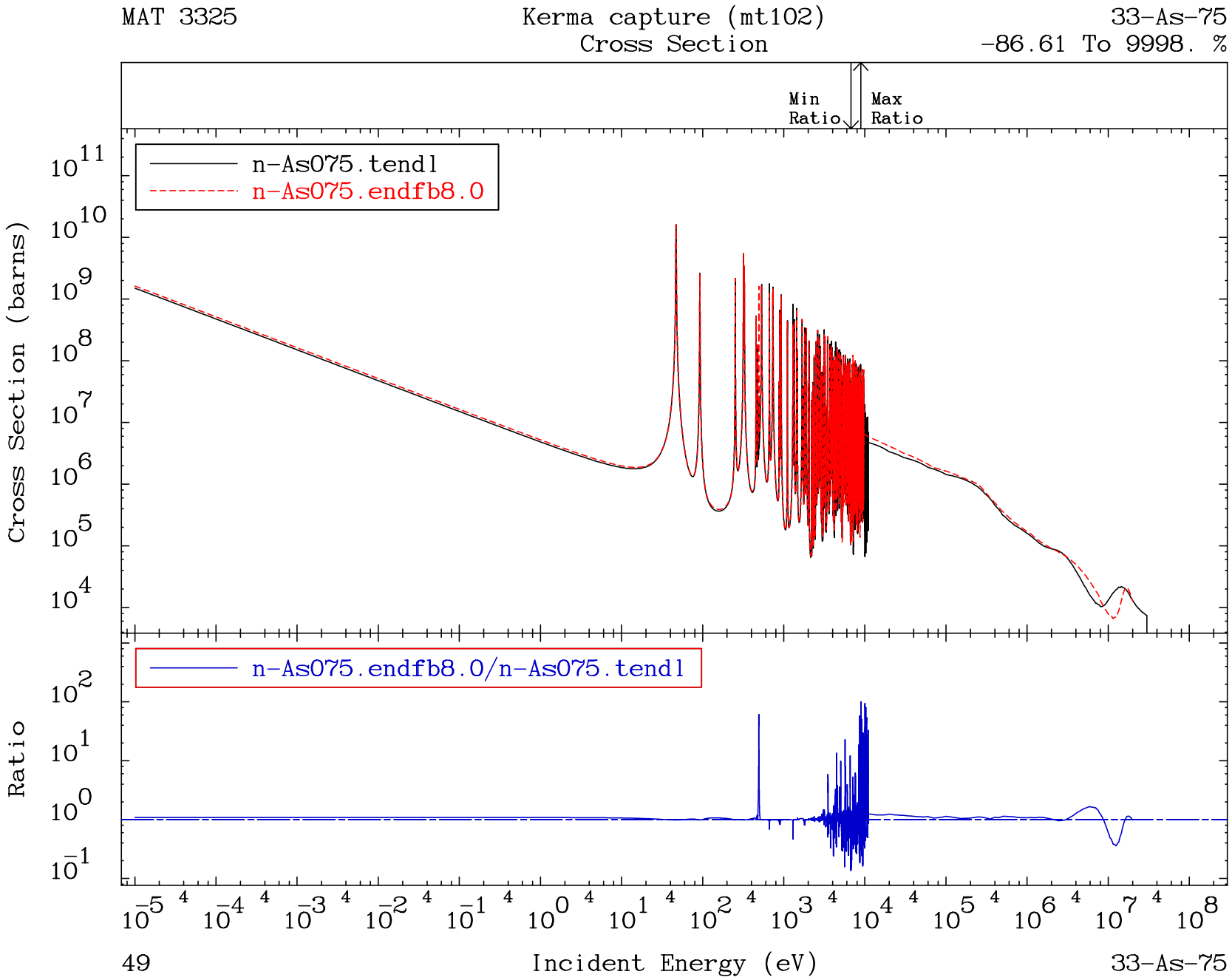

MAT 3325
Kerma total (eV-barns)
Cross Section
33-As-75
-86.57 To 9964. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
44
33-As-75

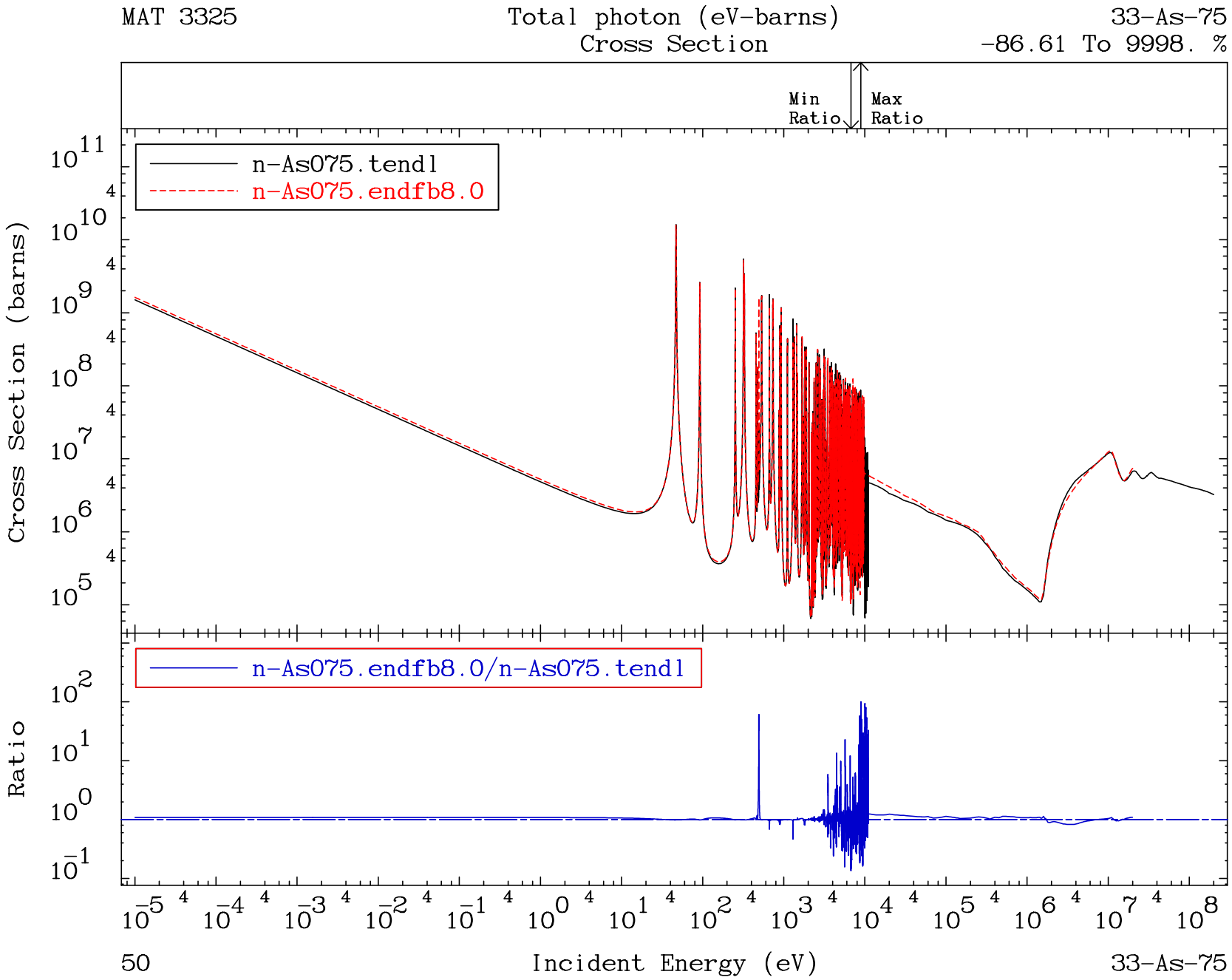

MAT 3325
Kerma elastic
Cross Section
33-As-75
-89.36 To 9999. %
Max Ratio
Min Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
45
33-As-75

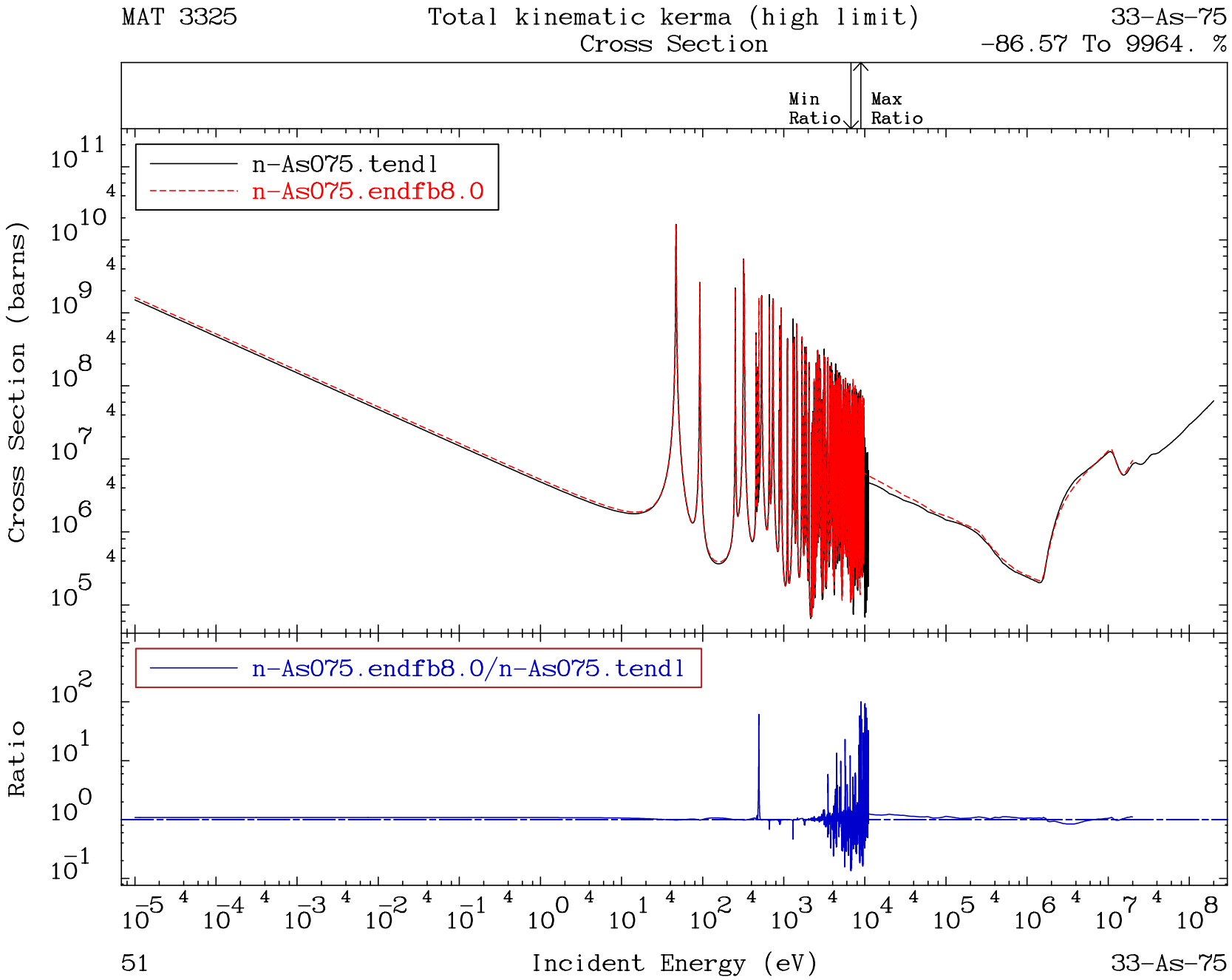

MAT 3325
Kerma non-elastic (all but mt2)
Cross Section
33-As-75
-86.61 To 9998. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
46
33-As-75

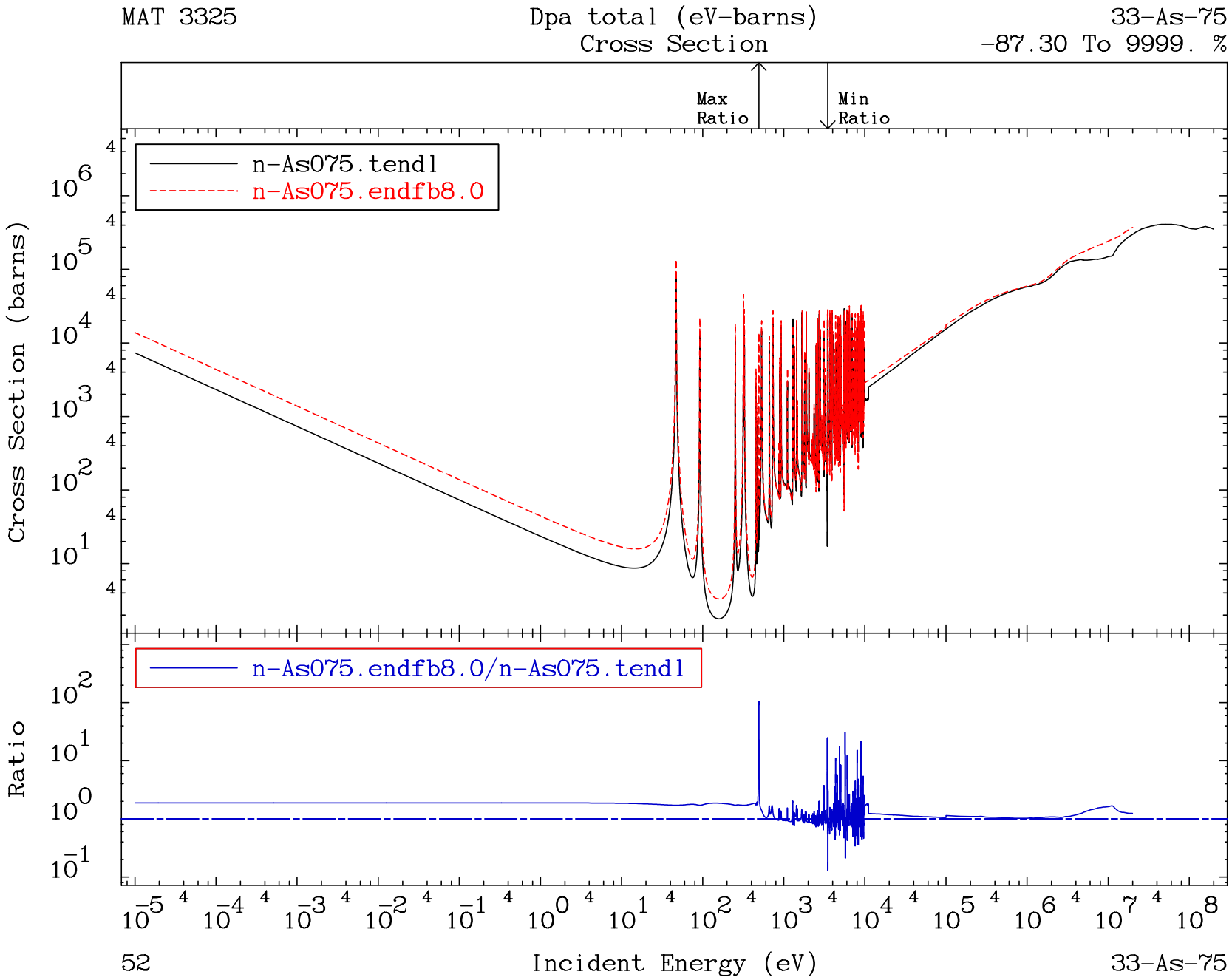

MAT 3325
Kerma inelastic (mt51-91)
Cross Section
33-As-75
-13.91 To 42.65 %
Max Ratio
Min Ratio
n-As075.tendl Threshold 201.28 keV
n-As075.endfb8.0 Threshold 250.00 keV
Cross Section (barns)
10^9
10^6
10^3
10^0
10^-3
10^-6
n-As075.endfb8.0/n-As075.tendl
Ratio
1.6
1.4
1.2
1.0
2 3 4 5 6 7 8
10^6
10^7
10^8
47
Incident Energy (eV)
33-As-75

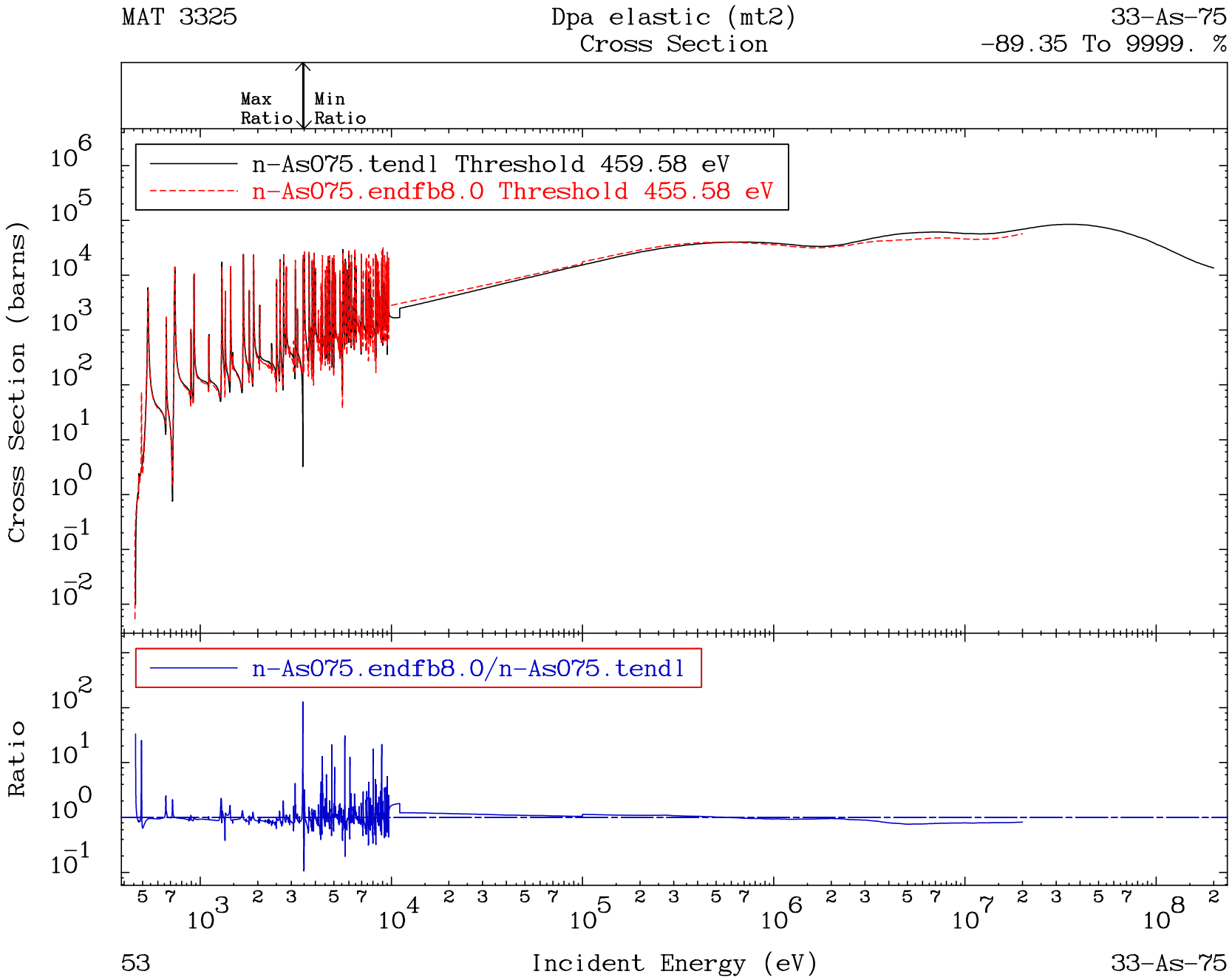

MAT 3325
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
33-As-75
-13.91 To 42.65 %
Max Ratio
Min Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
n-As075.endfb8.0/n-As075.tendl
Ratio
1.6
1.4
1.2
1.0
10^-5 10^-4 10^-3 10^-2 10^-1 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
48
Incident Energy (eV)
33-As-75

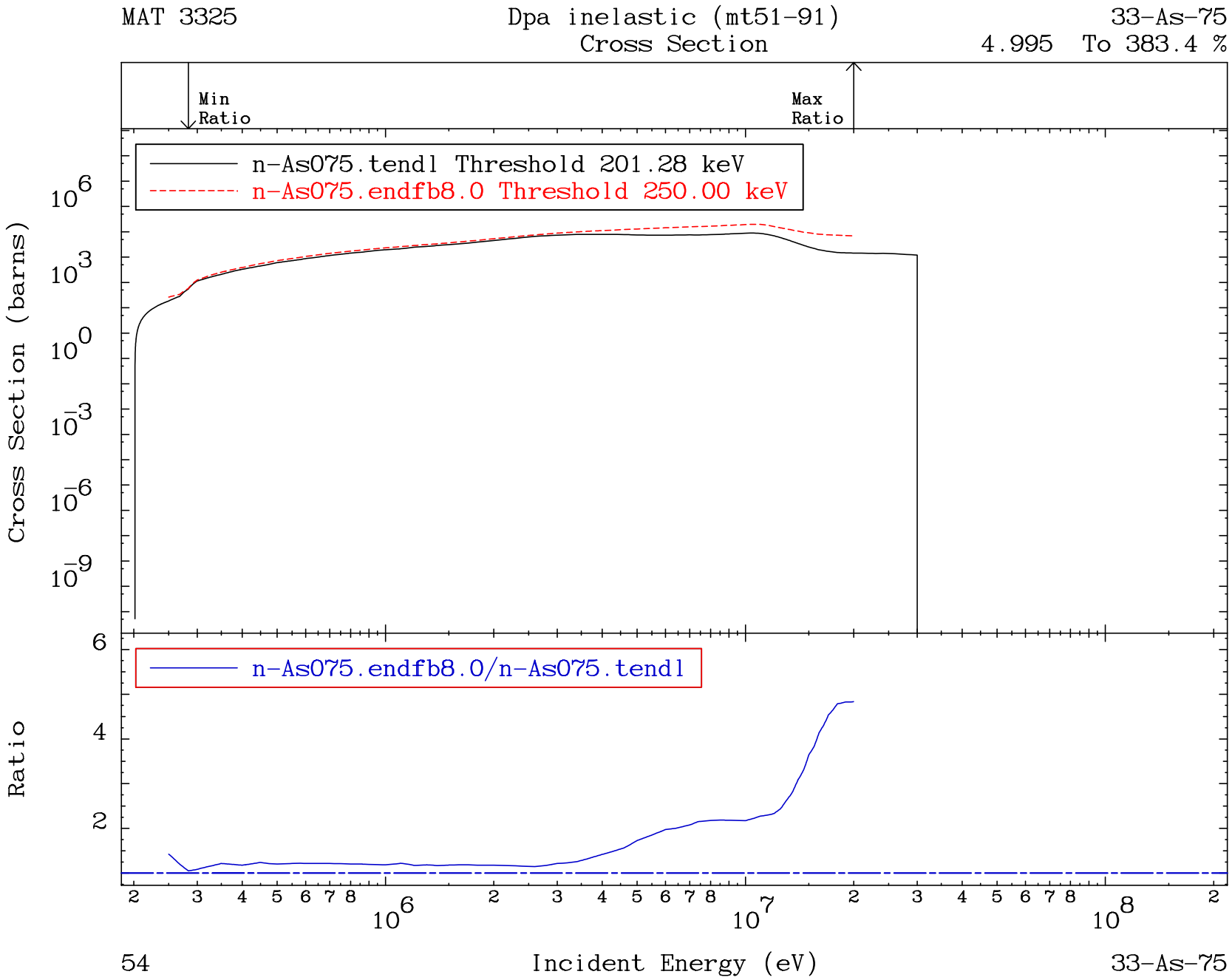

MAT 3325
Kerma capture (mt102)
Cross Section
33-As-75
-86.61 To 9998. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
49
33-As-75

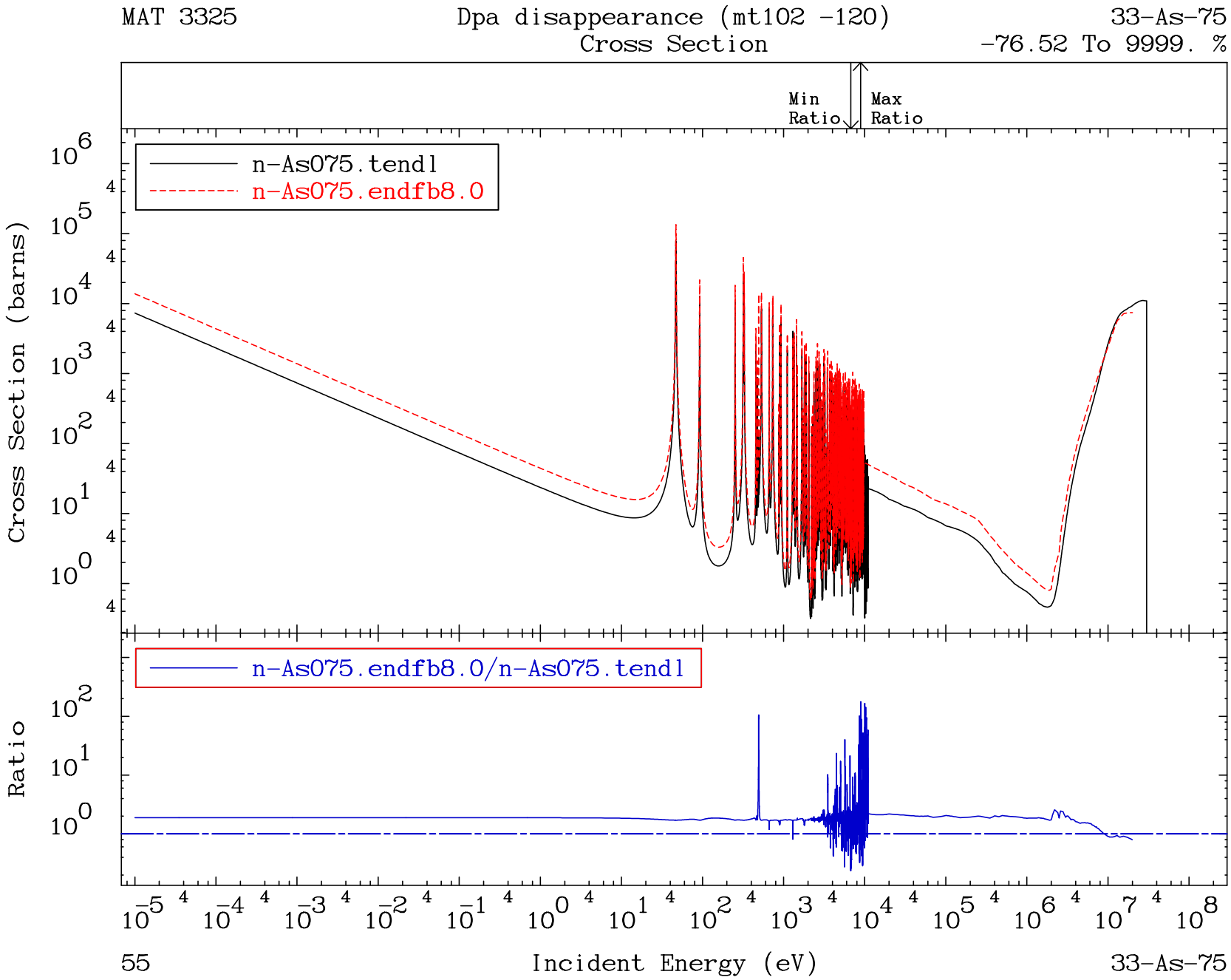

MAT 3325
Total photon (eV-barns)
Cross Section
33-As-75
-86.61 To 9998. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
50
33-As-75


MAT 3325
Total kinematic kerma (high limit)
Cross Section
33-As-75
-86.57 To 9964. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
51
33-As-75


MAT 3325
Dpa total (eV-barns)
Cross Section
33-As-75
-87.30 To 9999. %
Max Ratio
Min Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
52
33-As-75


MAT 3325
Dpa elastic (mt2)
Cross Section
33-As-75
-89.35 To 9999. %
Max Ratio
Min Ratio
n-As075.tendl Threshold 459.58 eV
n-As075.endfb8.0 Threshold 455.58 eV
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
53
33-As-75


MAT 3325
Dpa inelastic (mt51-91)
Cross Section
33-As-75
4.995 To 383.4 %
Min Ratio
Max Ratio
n-As075.tendl Threshold 201.28 keV
n-As075.endfb8.0 Threshold 250.00 keV
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
54
33-As-75


MAT 3325
Dpa disappearance (mt102 -120)
Cross Section
33-As-75
-76.52 To 9999. %
Min Ratio
Max Ratio
n-As075.tendl
n-As075.endfb8.0
Cross Section (barns)
n-As075.endfb8.0/n-As075.tendl
Ratio
Incident Energy (eV)
55
33-As-75