

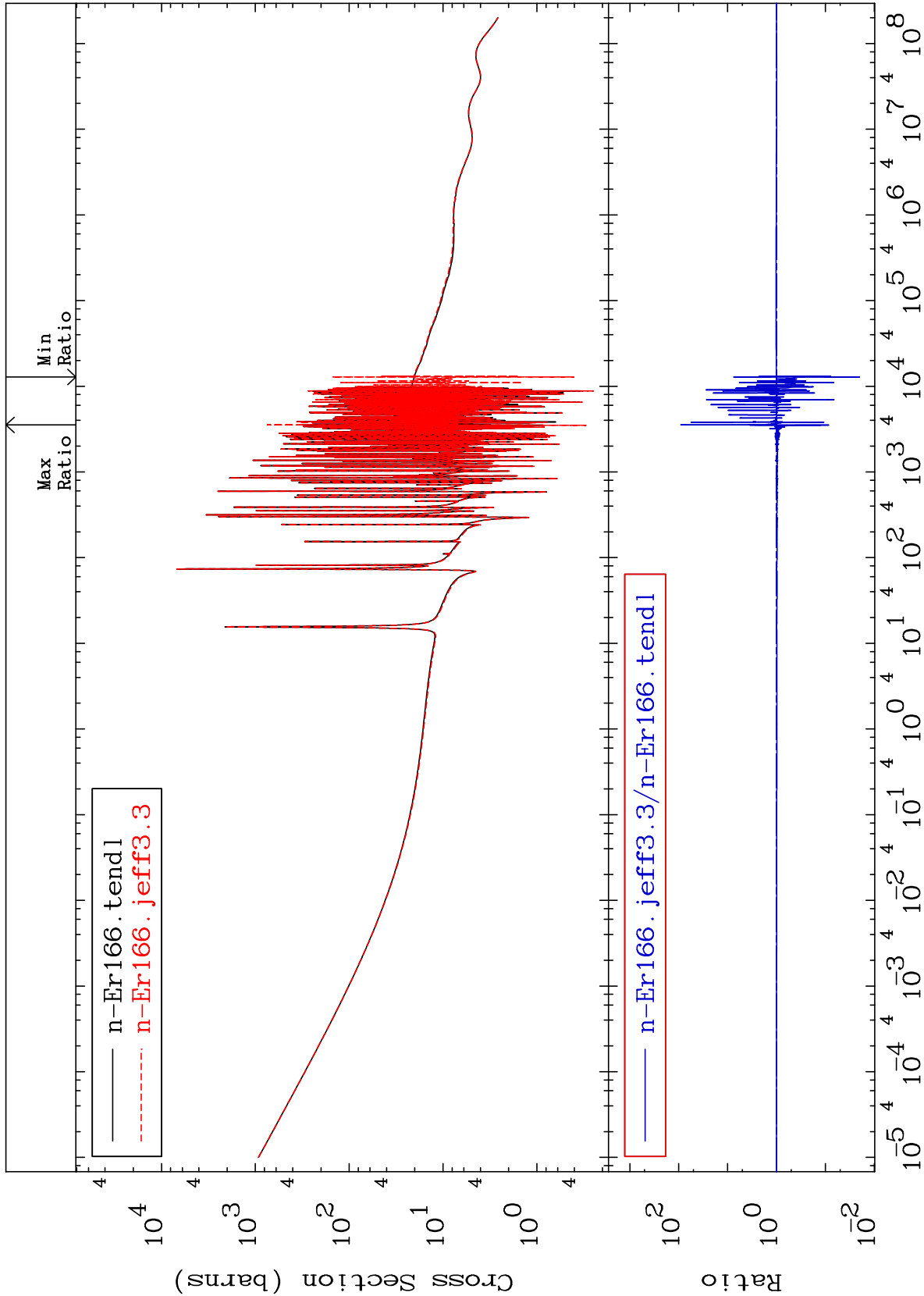
MAT 6837

Total

68-Er-166

Cross Section

-98.00 To 8983. %

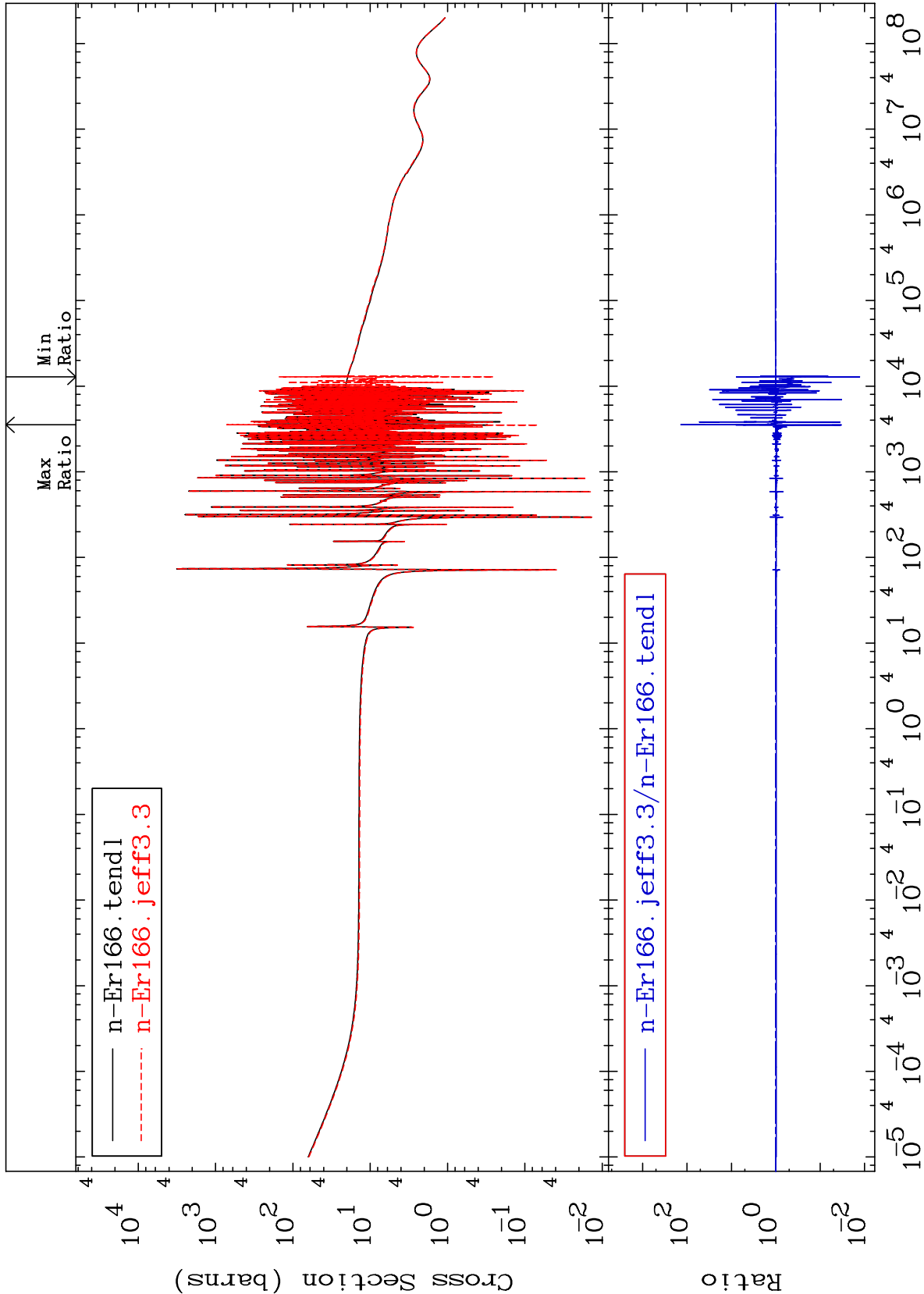


Incident Energy (eV)

68-Er-166

Cross Section

-98.70 To 9999. %

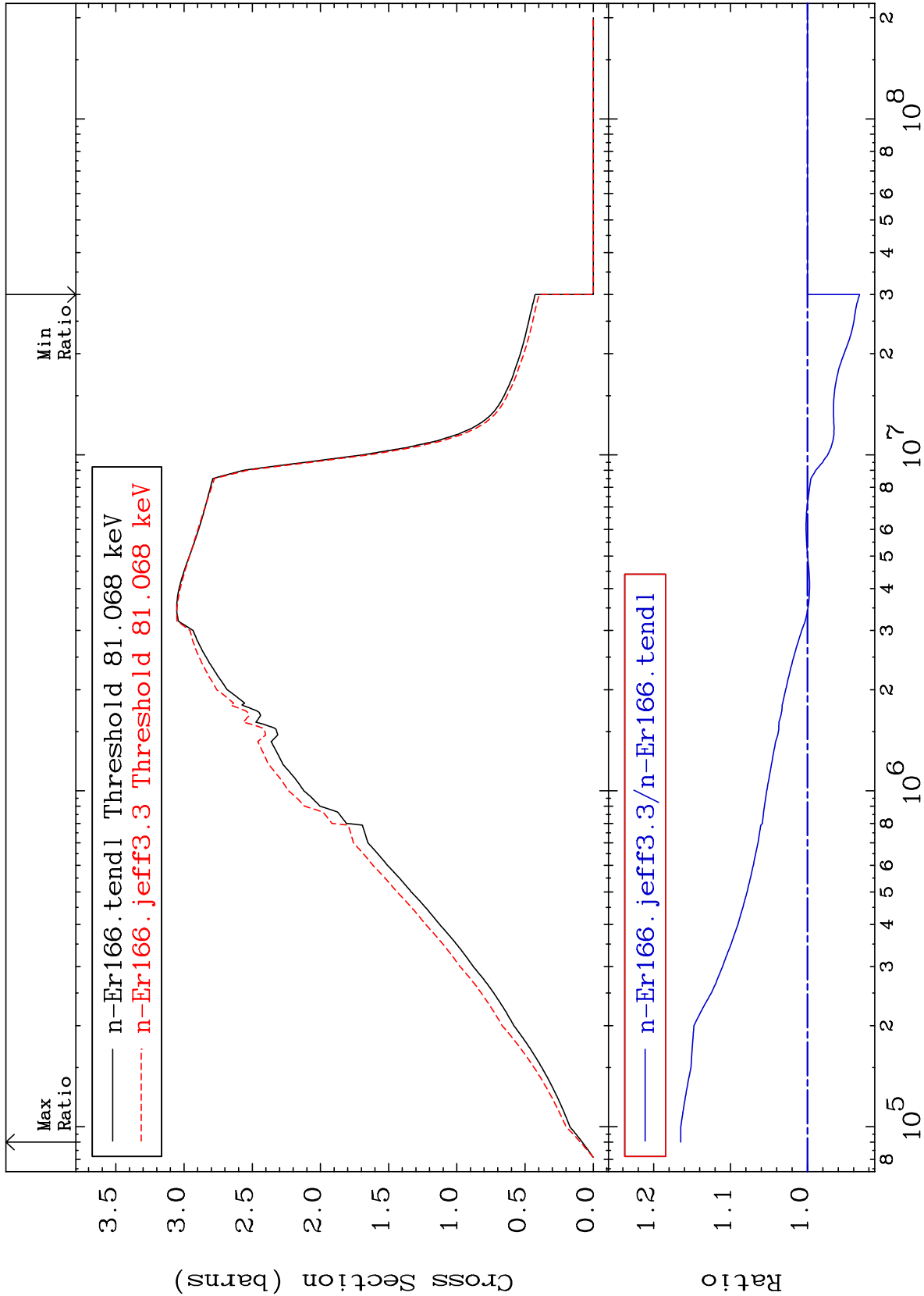


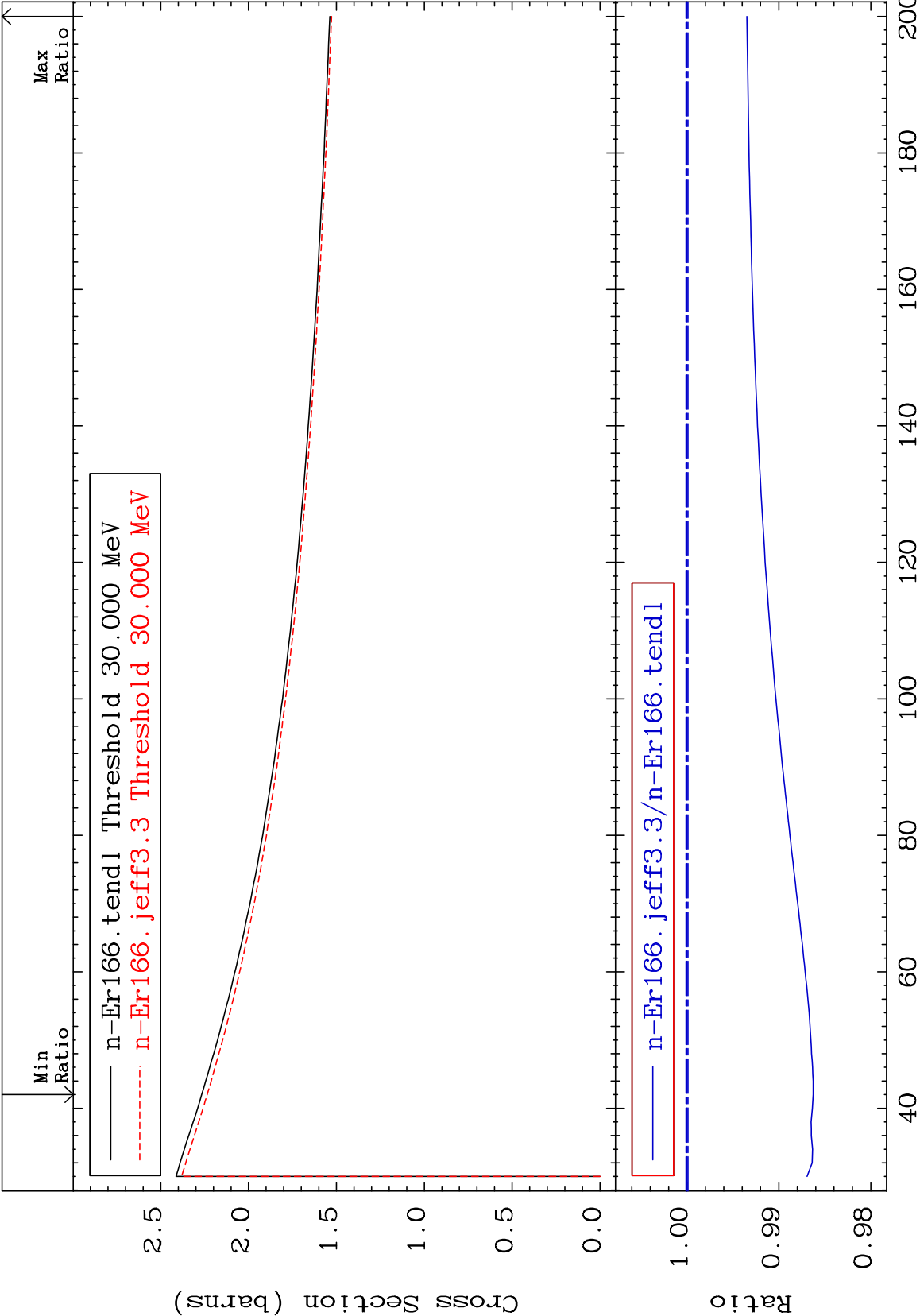
Incident Energy (eV)

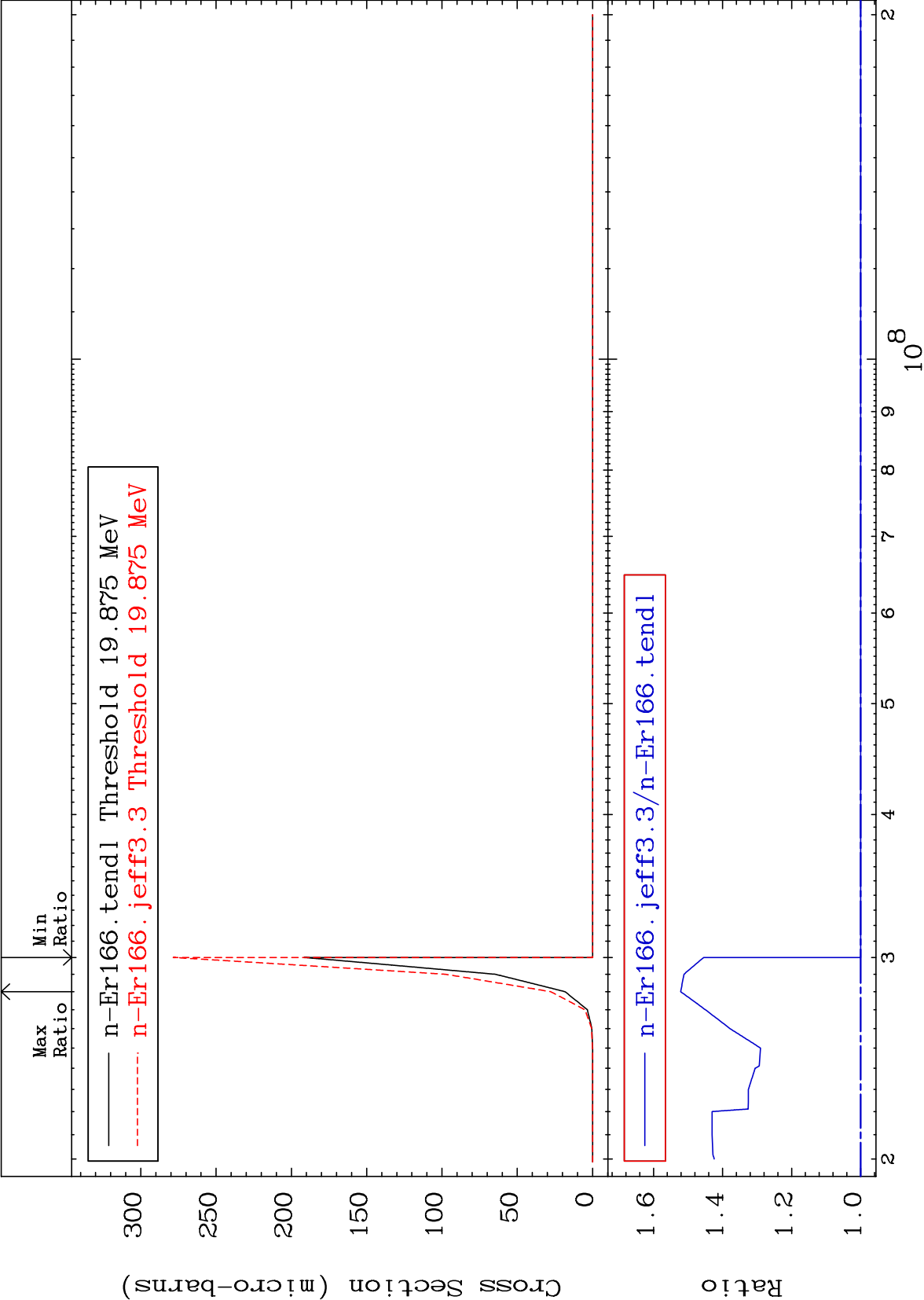
MAT 6837

Inelastic
Cross Section

68-Er-166
-6.771 To 16.47 %







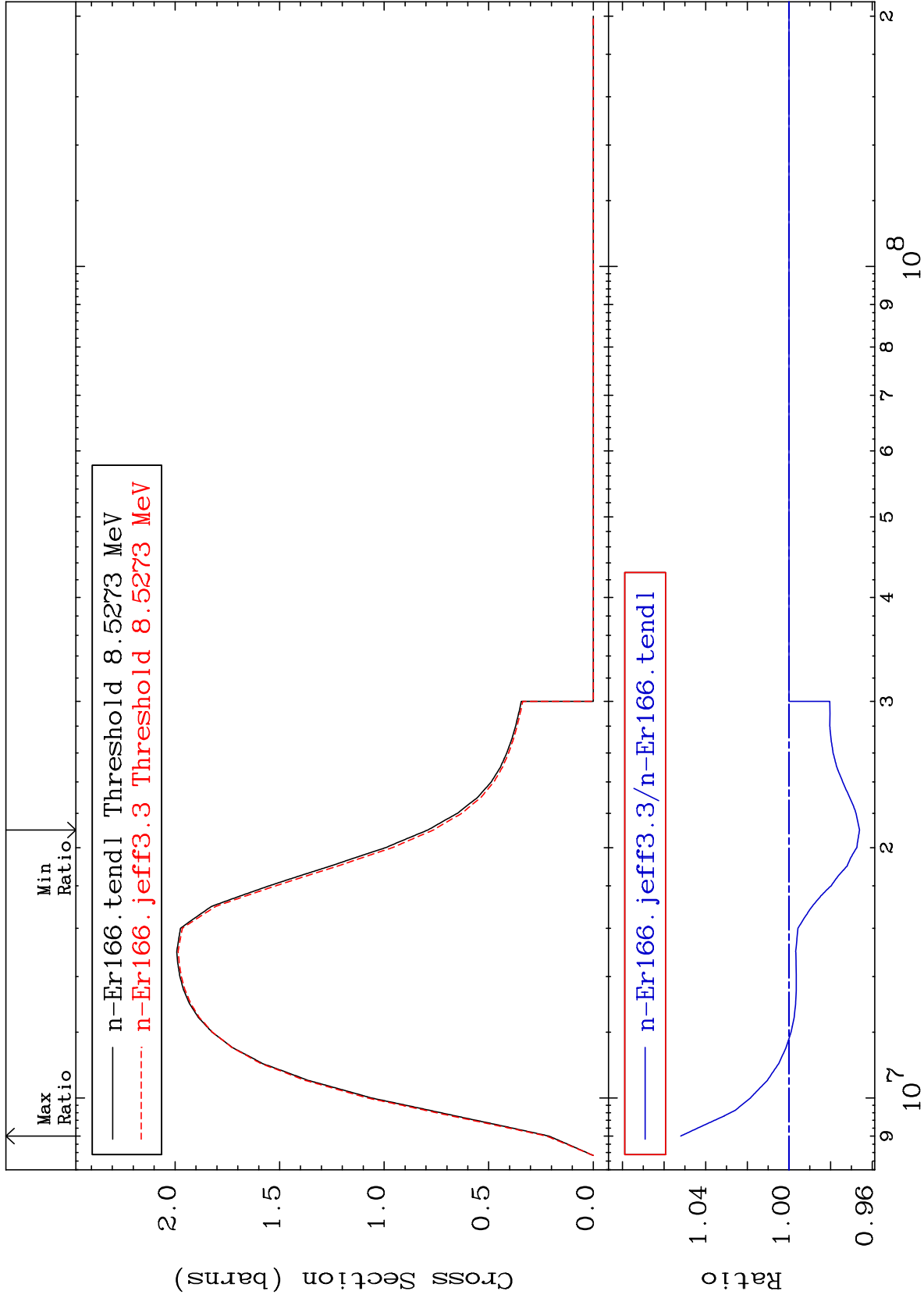
MAT 6837

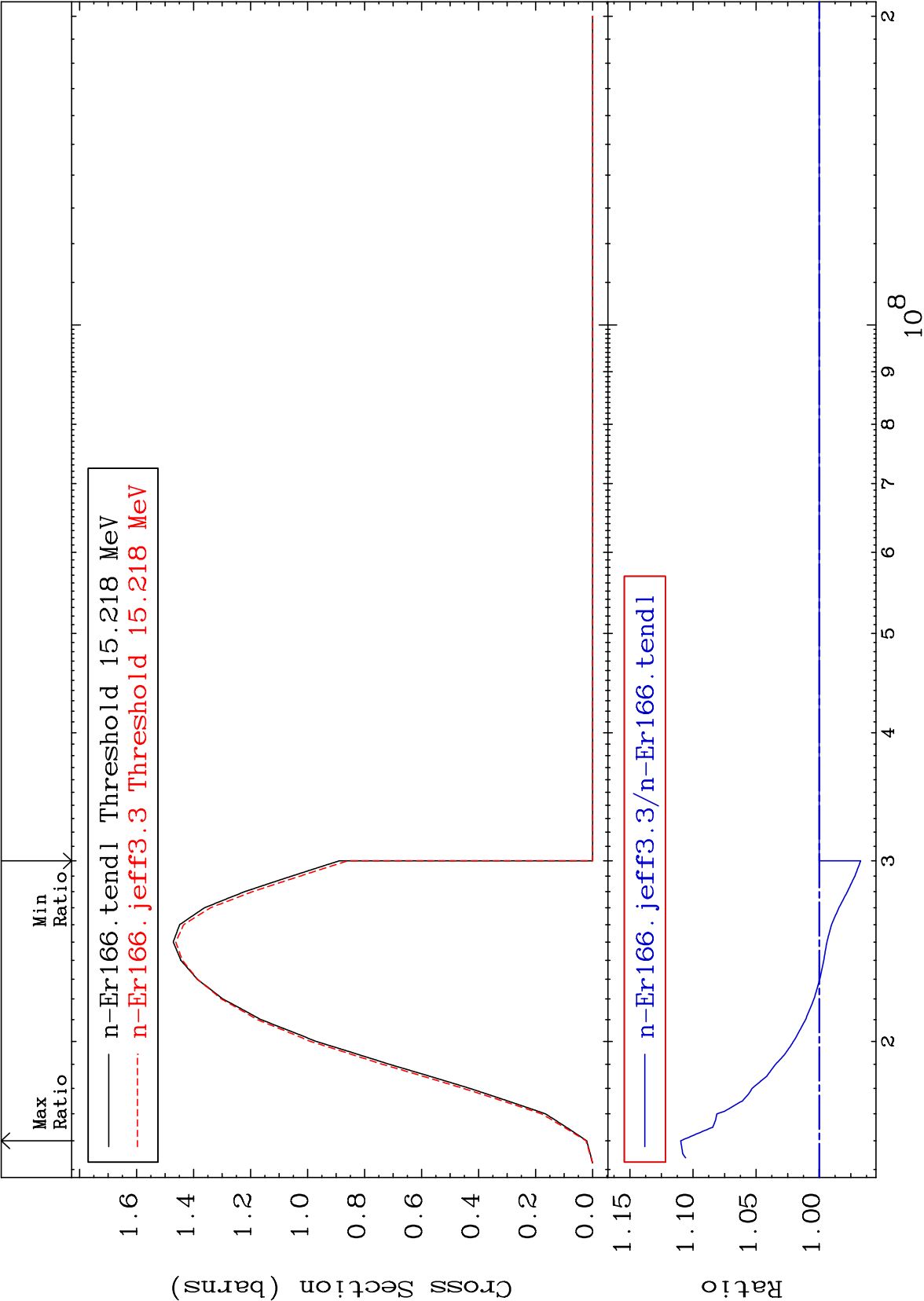
(n,2n)

68-Er-166

Cross Section

-3.390 To 5.201 %





MAT 6837

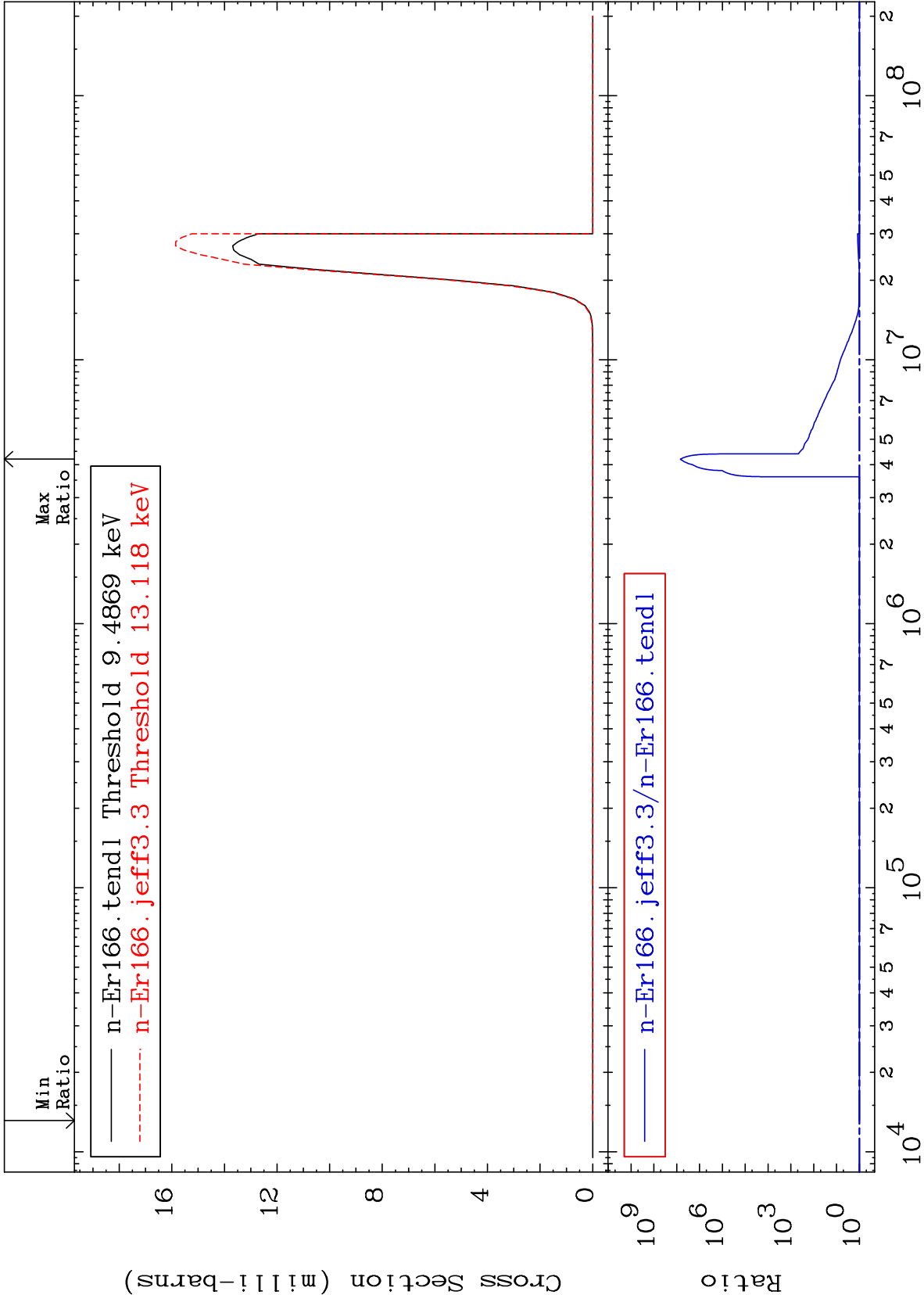
(n,n') α

68-Er-166

Cross Section

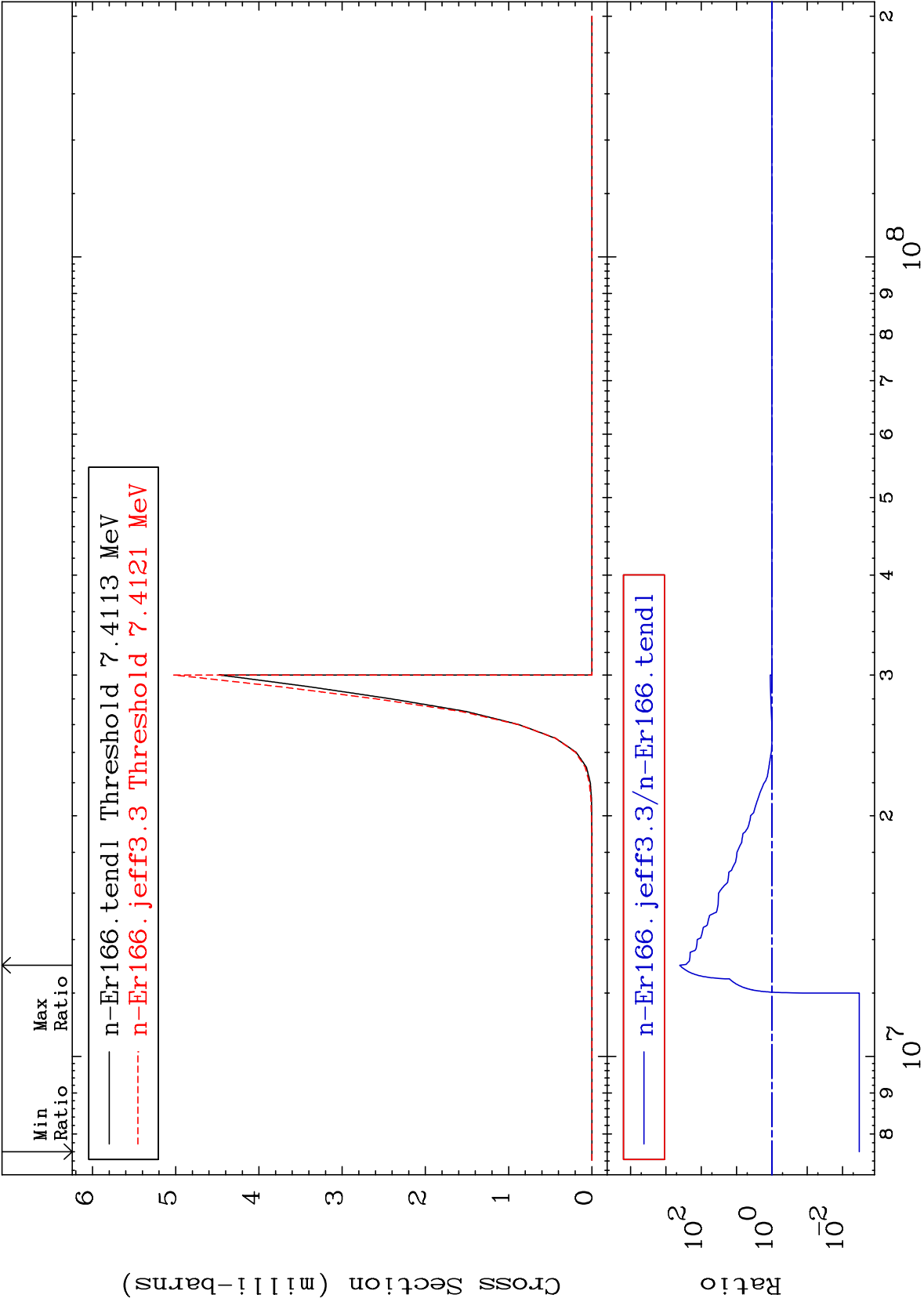
0.000

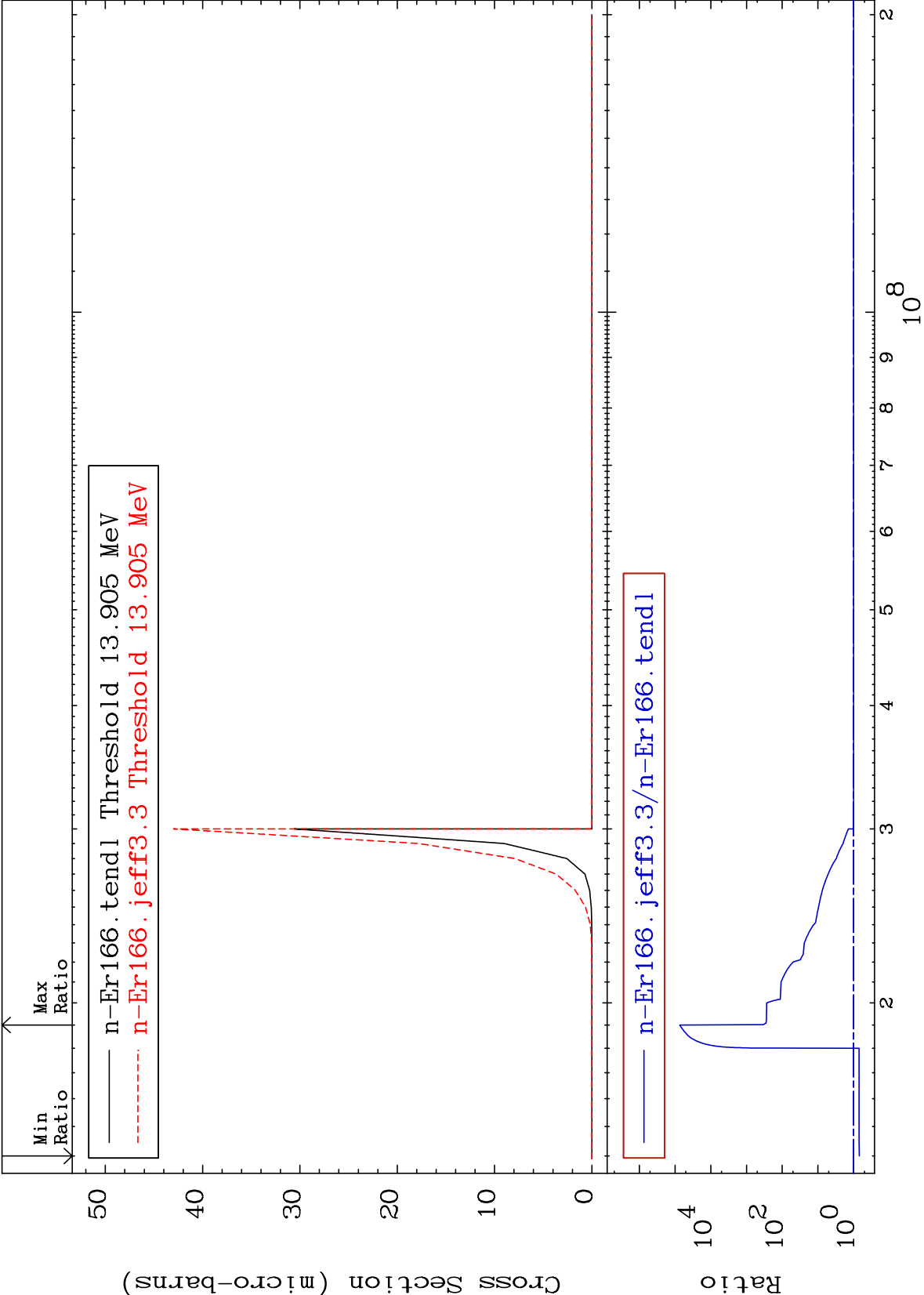
To 9999. %

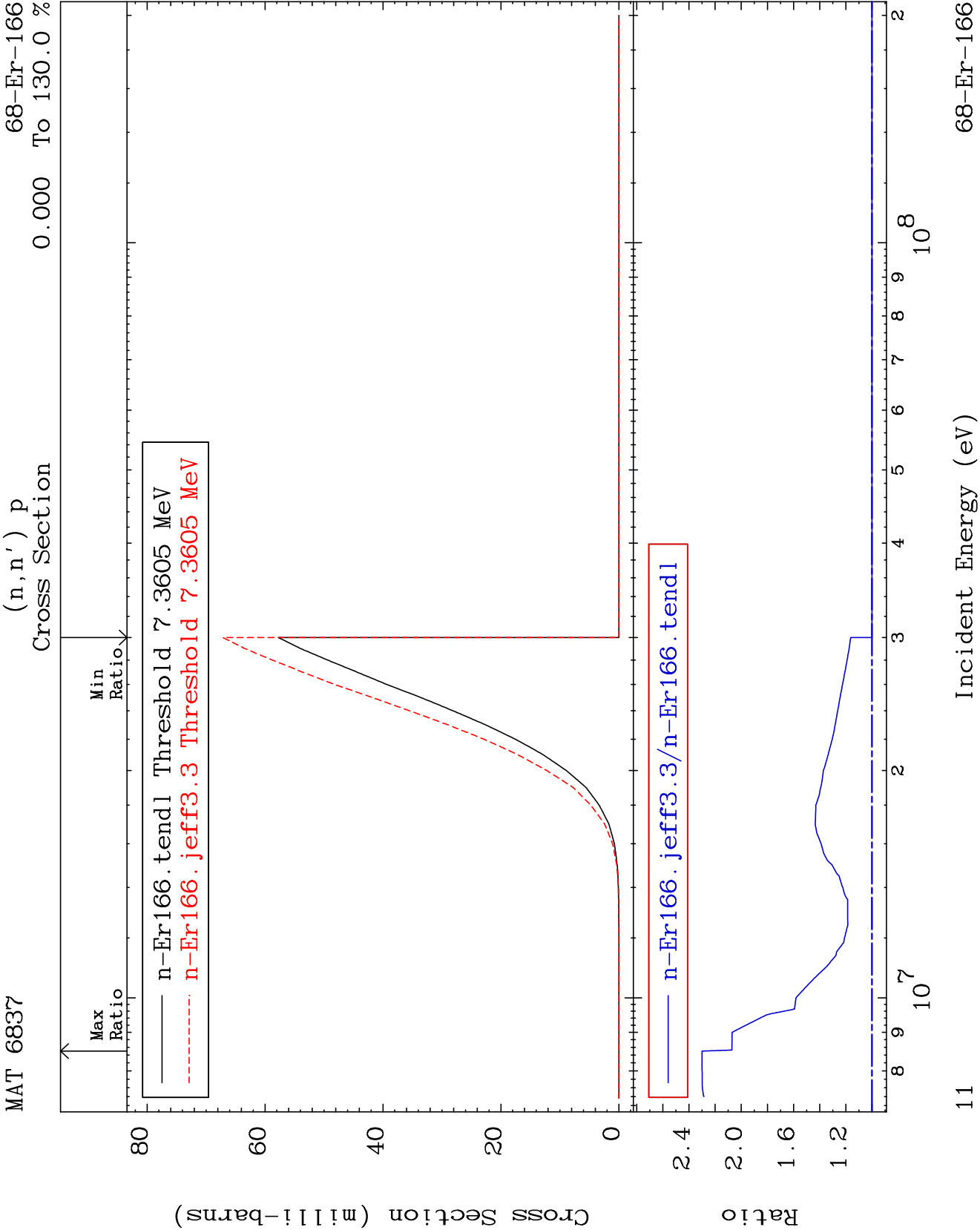


Incident Energy (eV)

68-Er-166







MAT 6837

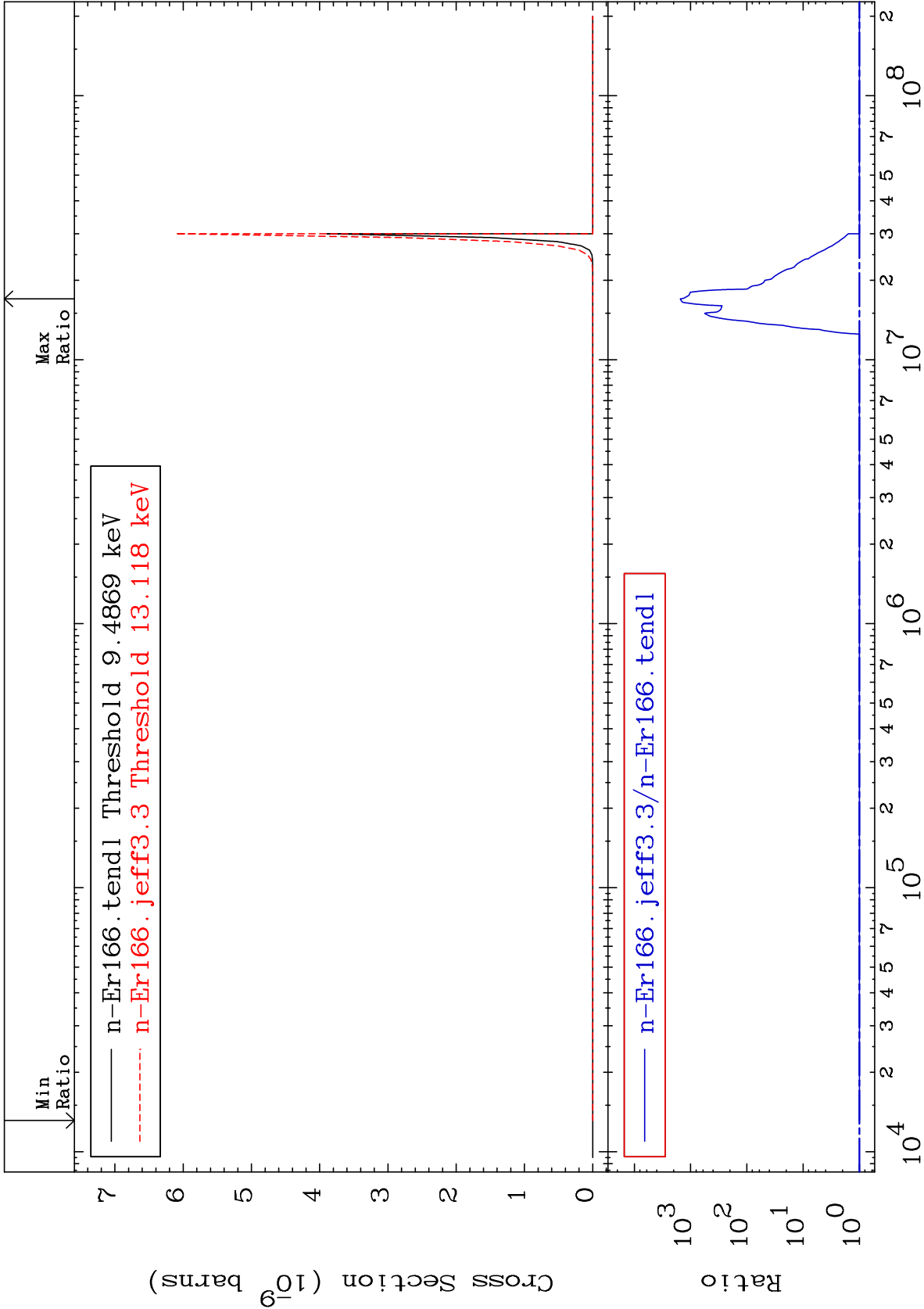
(n,n') 2 α

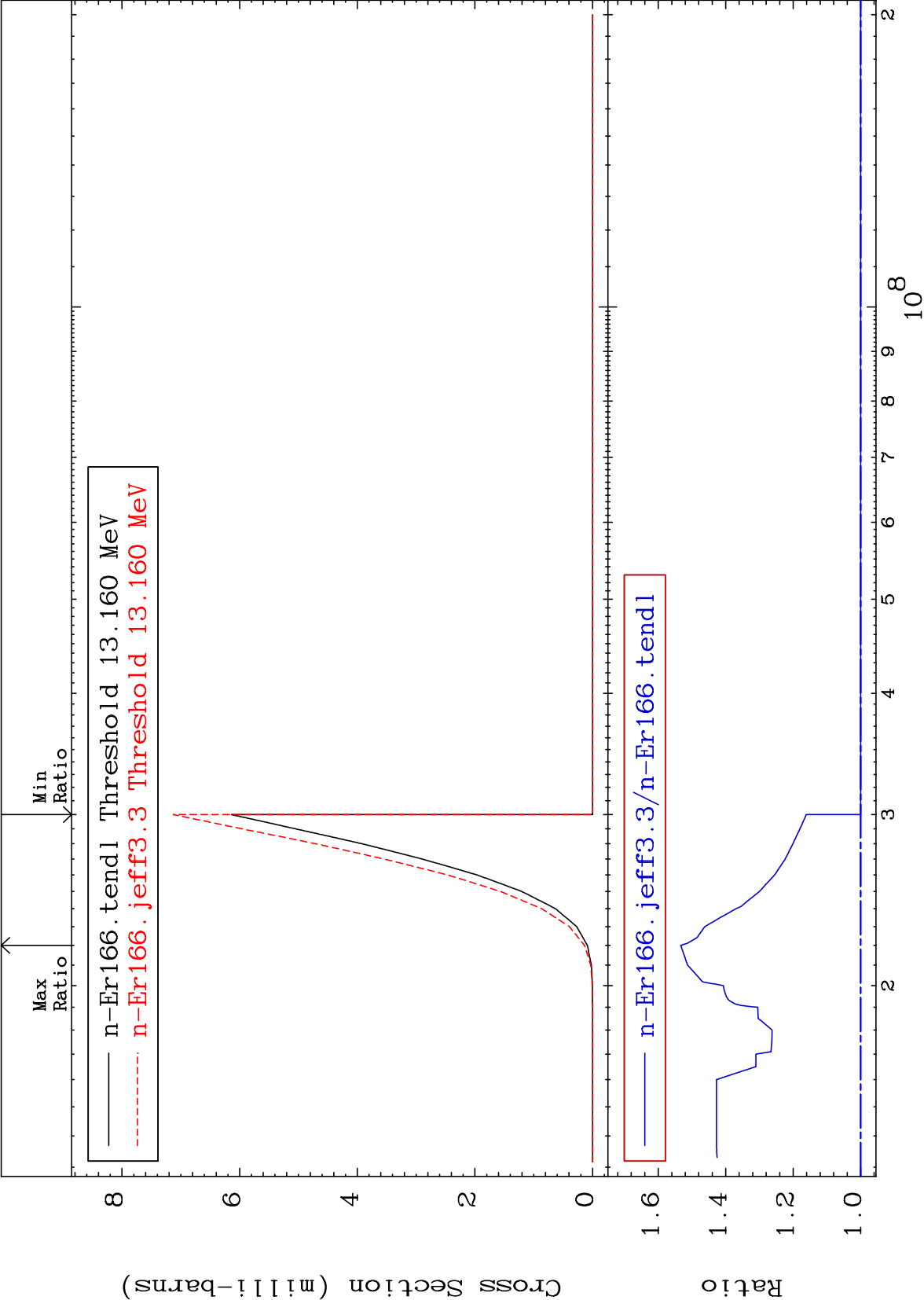
68-Er-166

Cross Section

0.000

To 9999. %

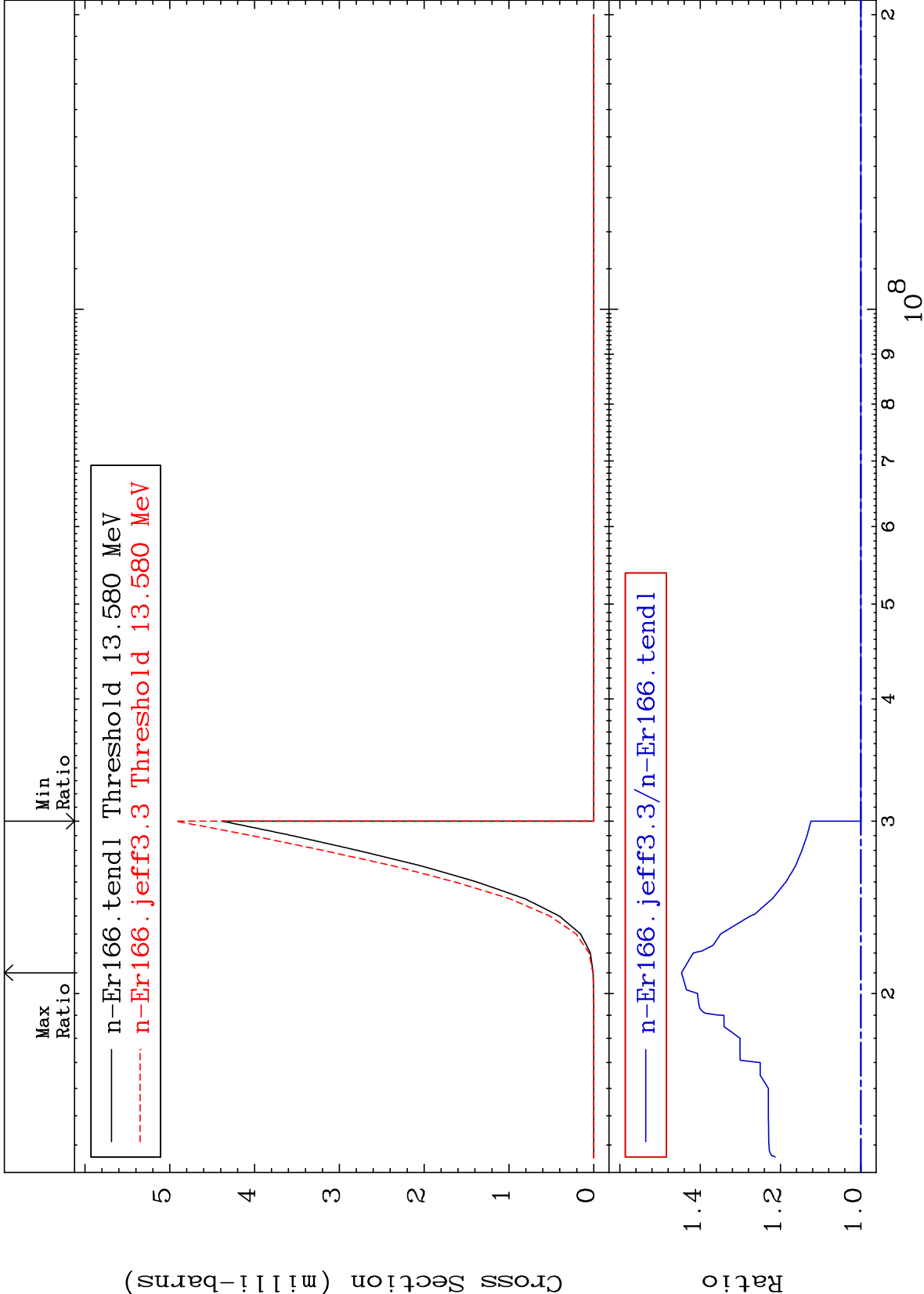


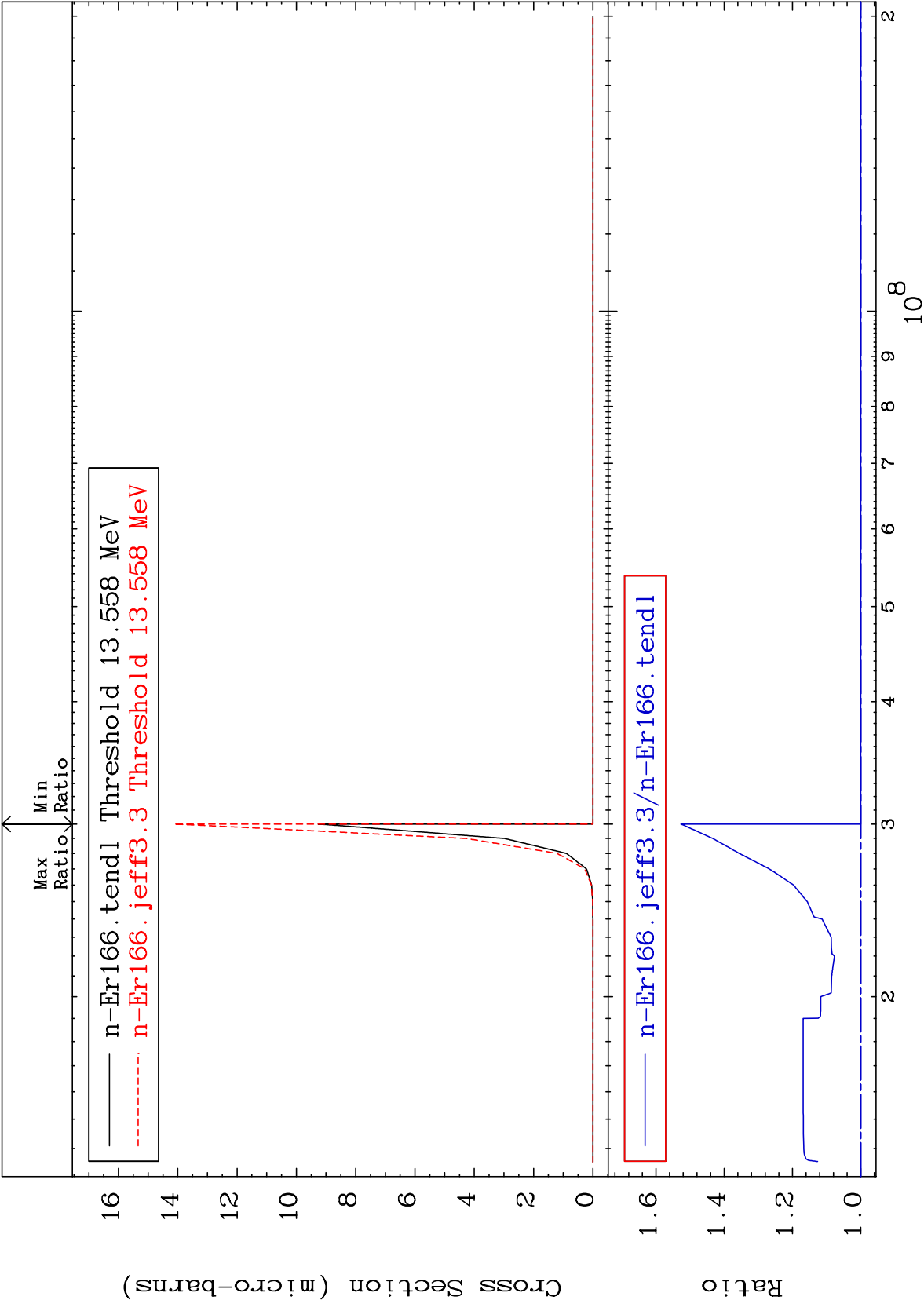


Cross Section

0.000

To 44.65 %





MAT 6837

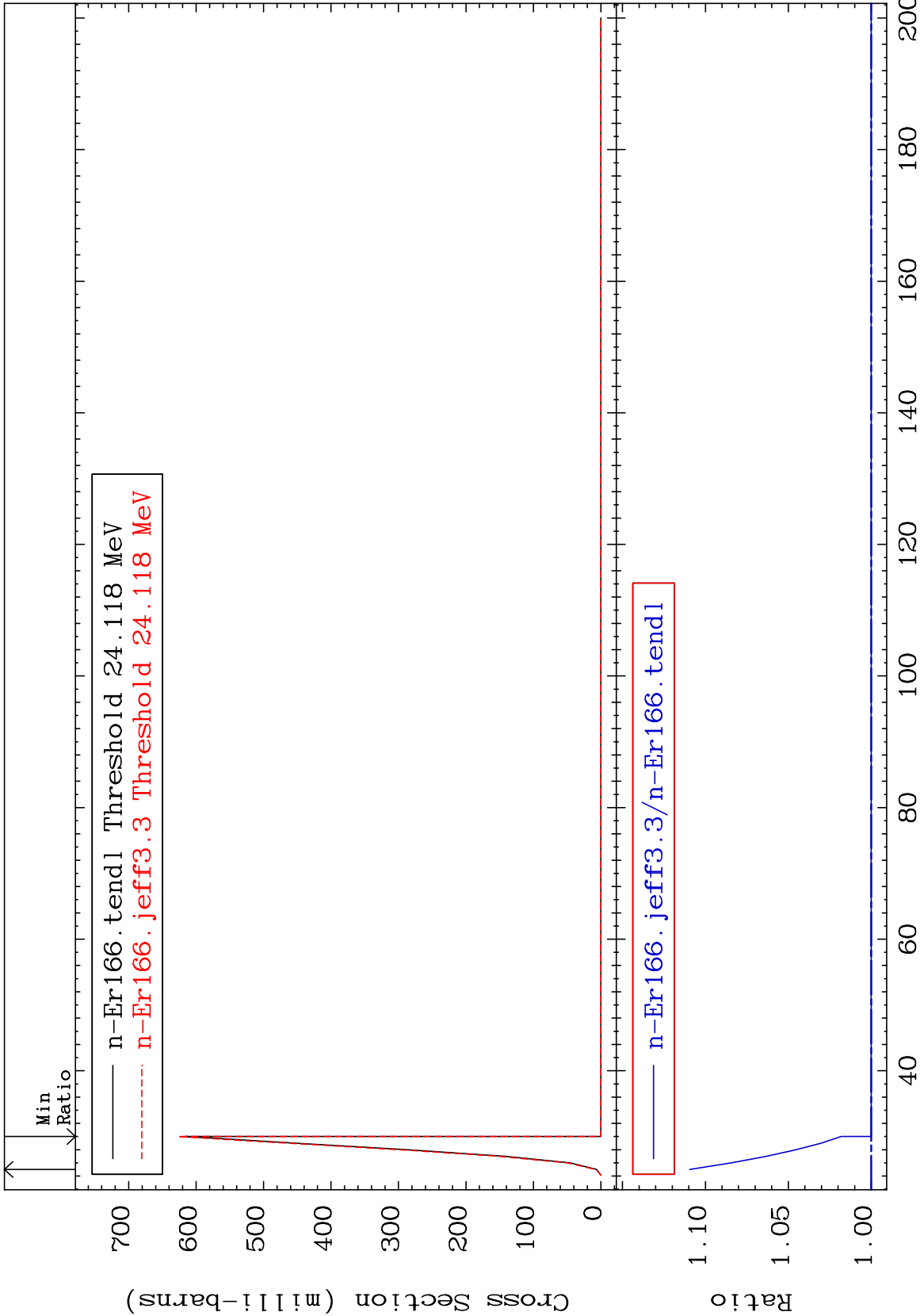
(n,4n)

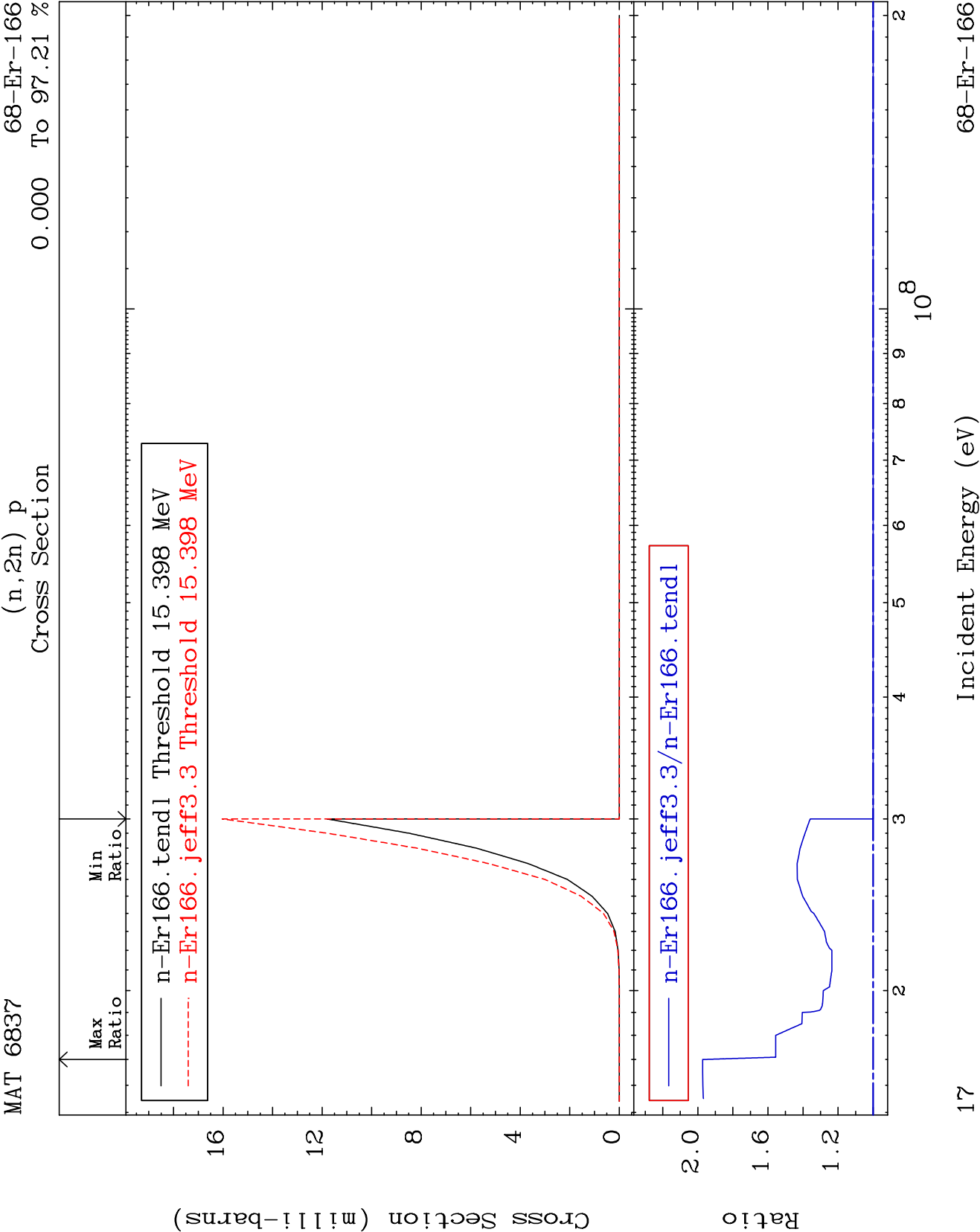
68-Er-166

Cross Section

0.000

To 10.95 %

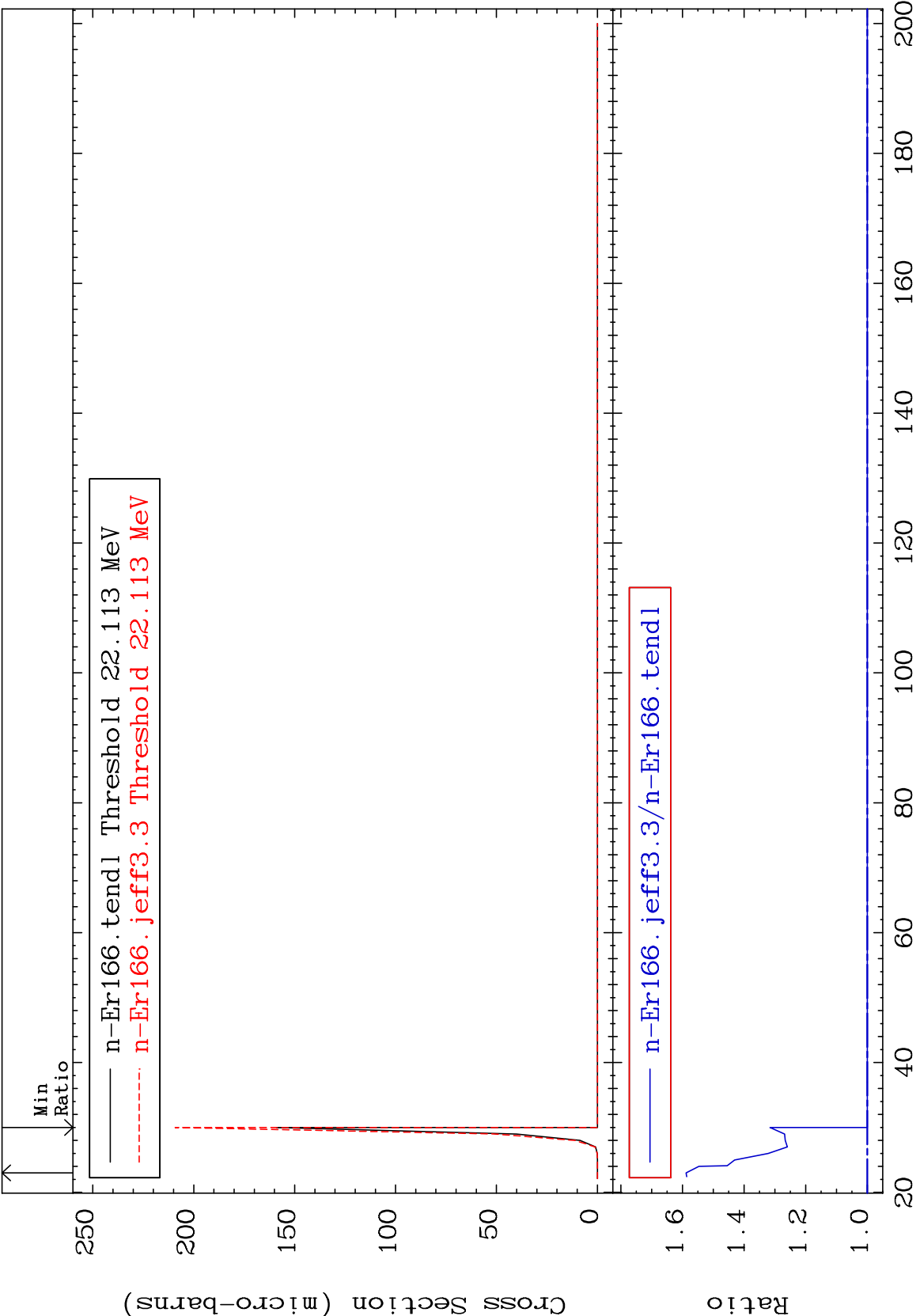


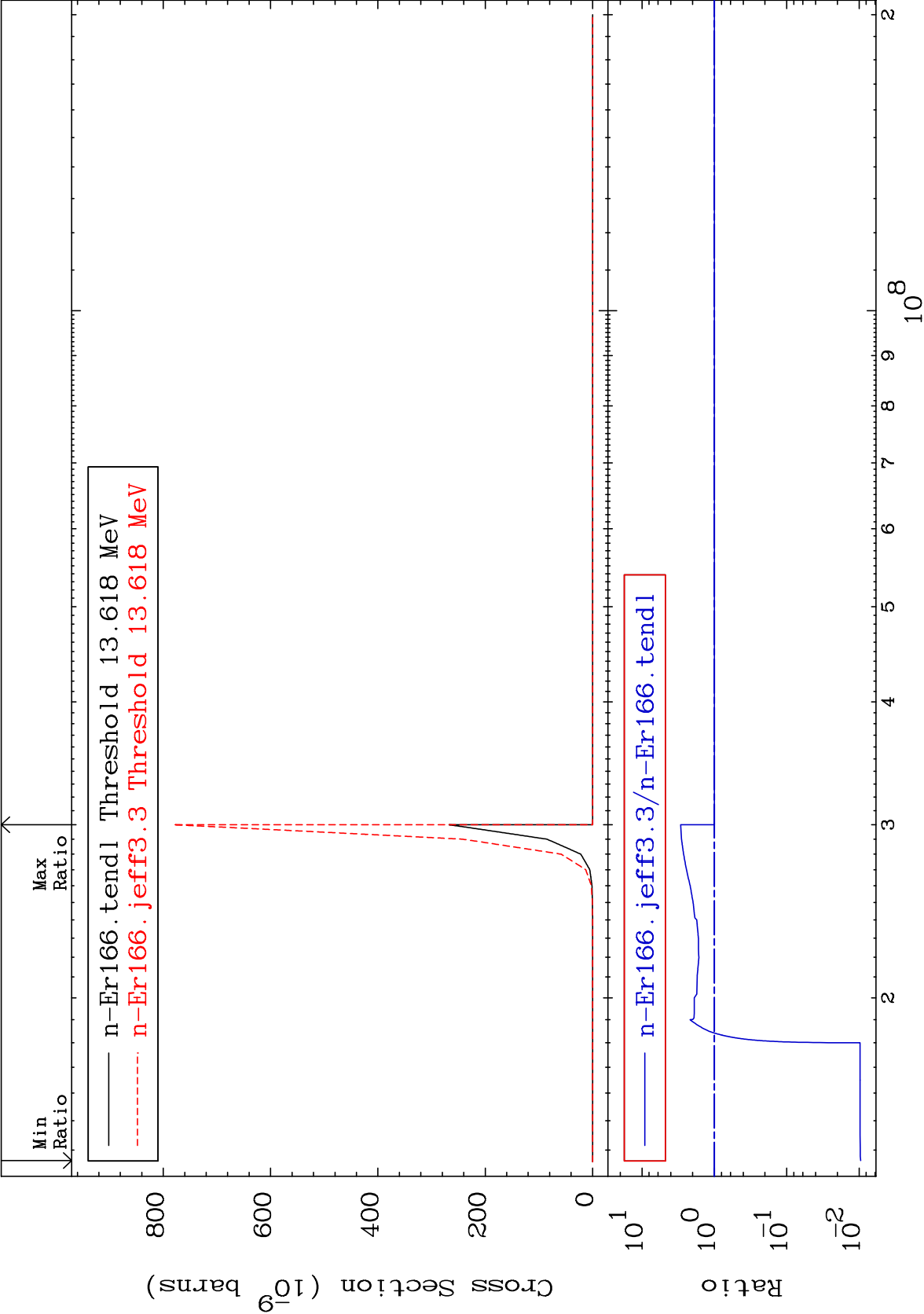


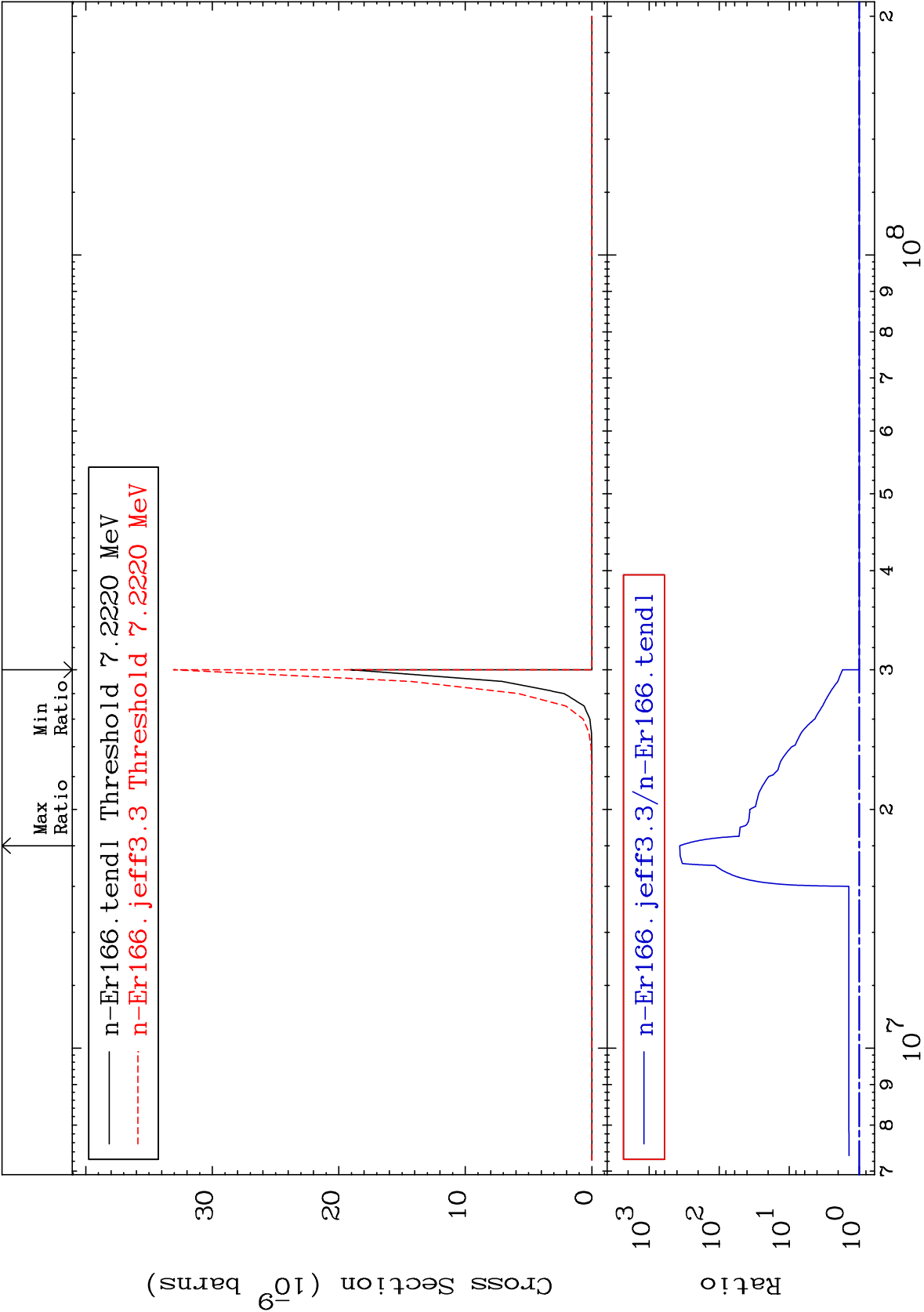
MAT 6837

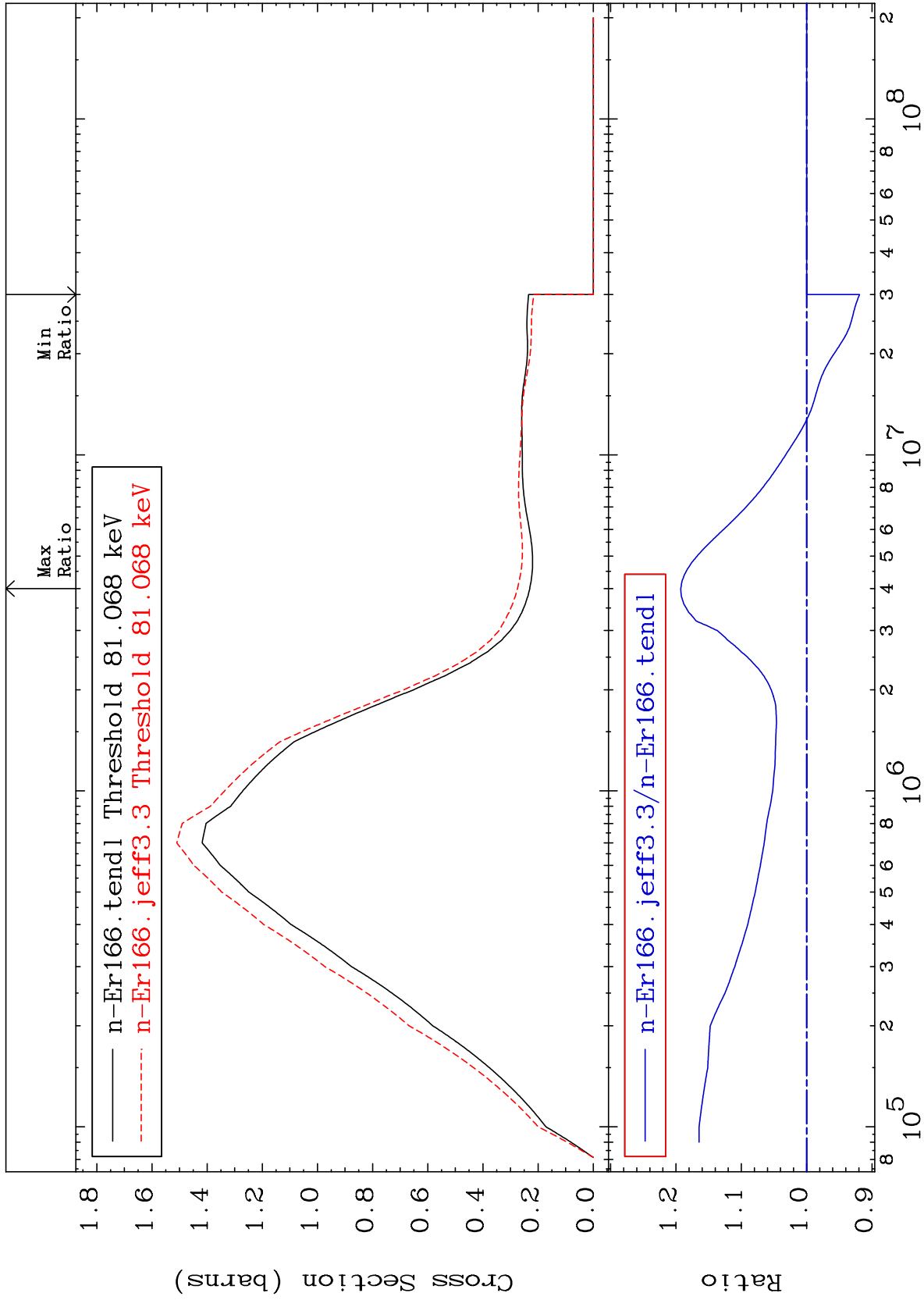
(n,3n) p
Cross Section

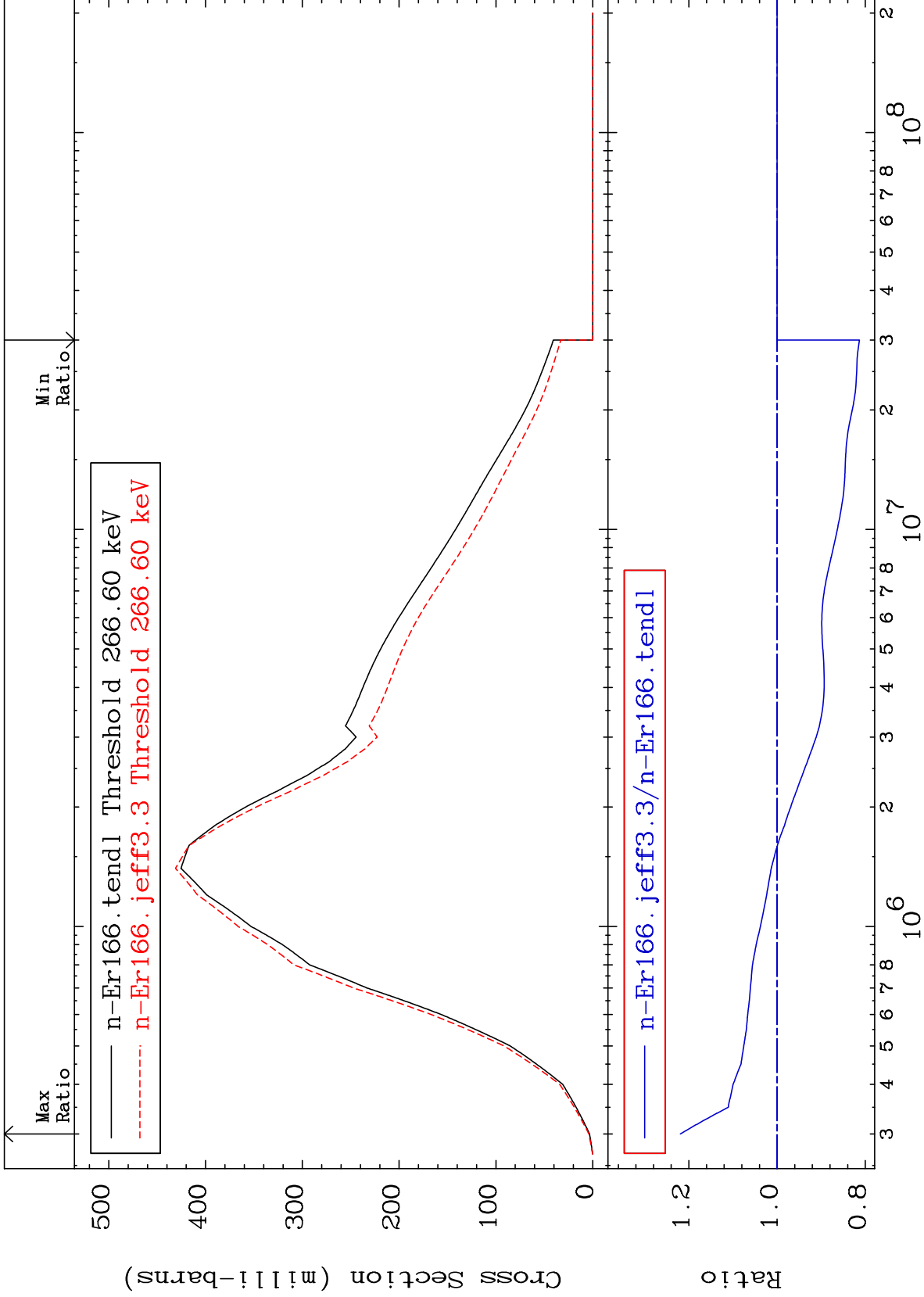
68-Er-166
0.000 To 58.84 %











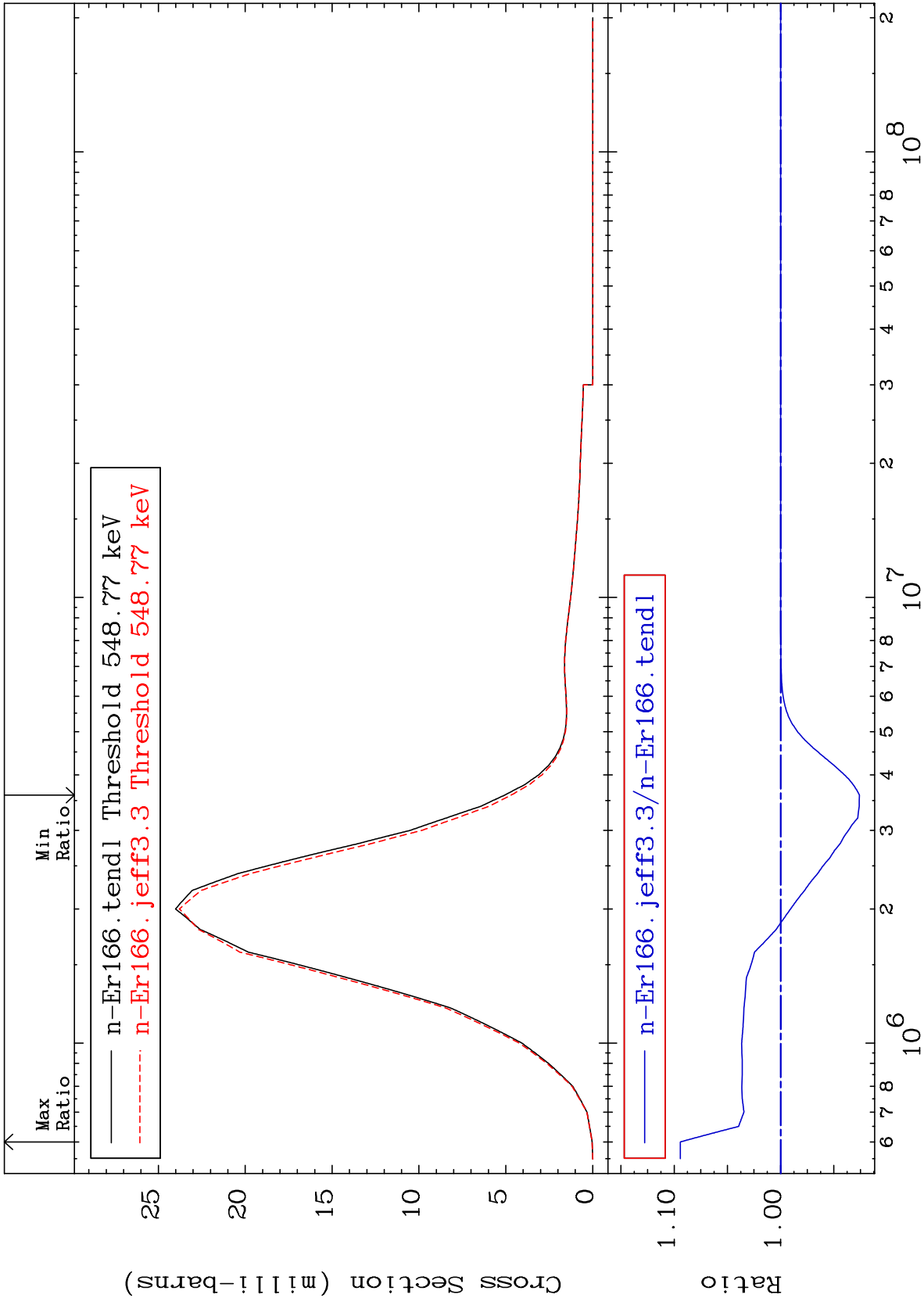
MAT 6837

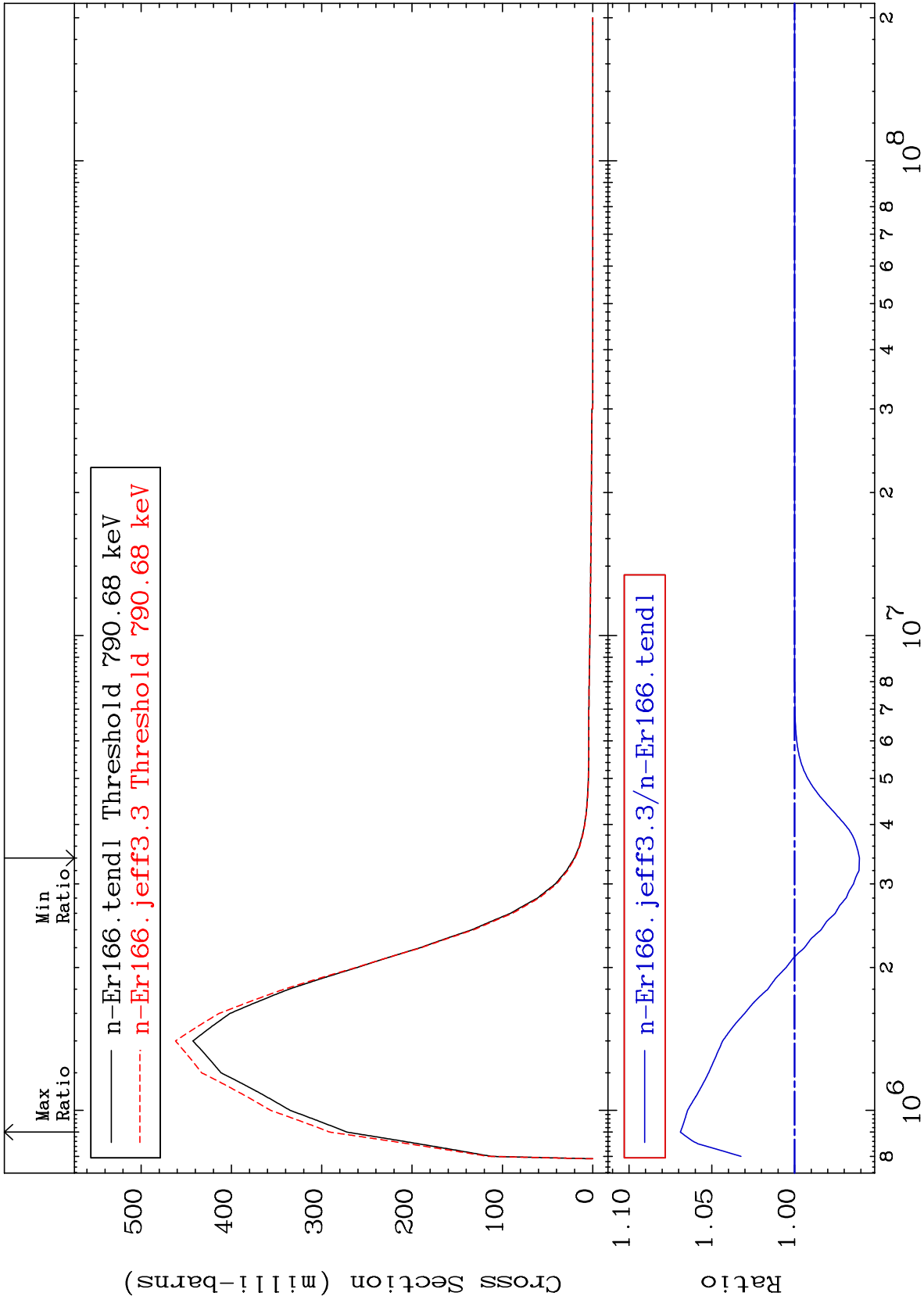
MT= 53 (n,n') Level

68-Er-166

-7.403 To 9.419 %

Cross Section

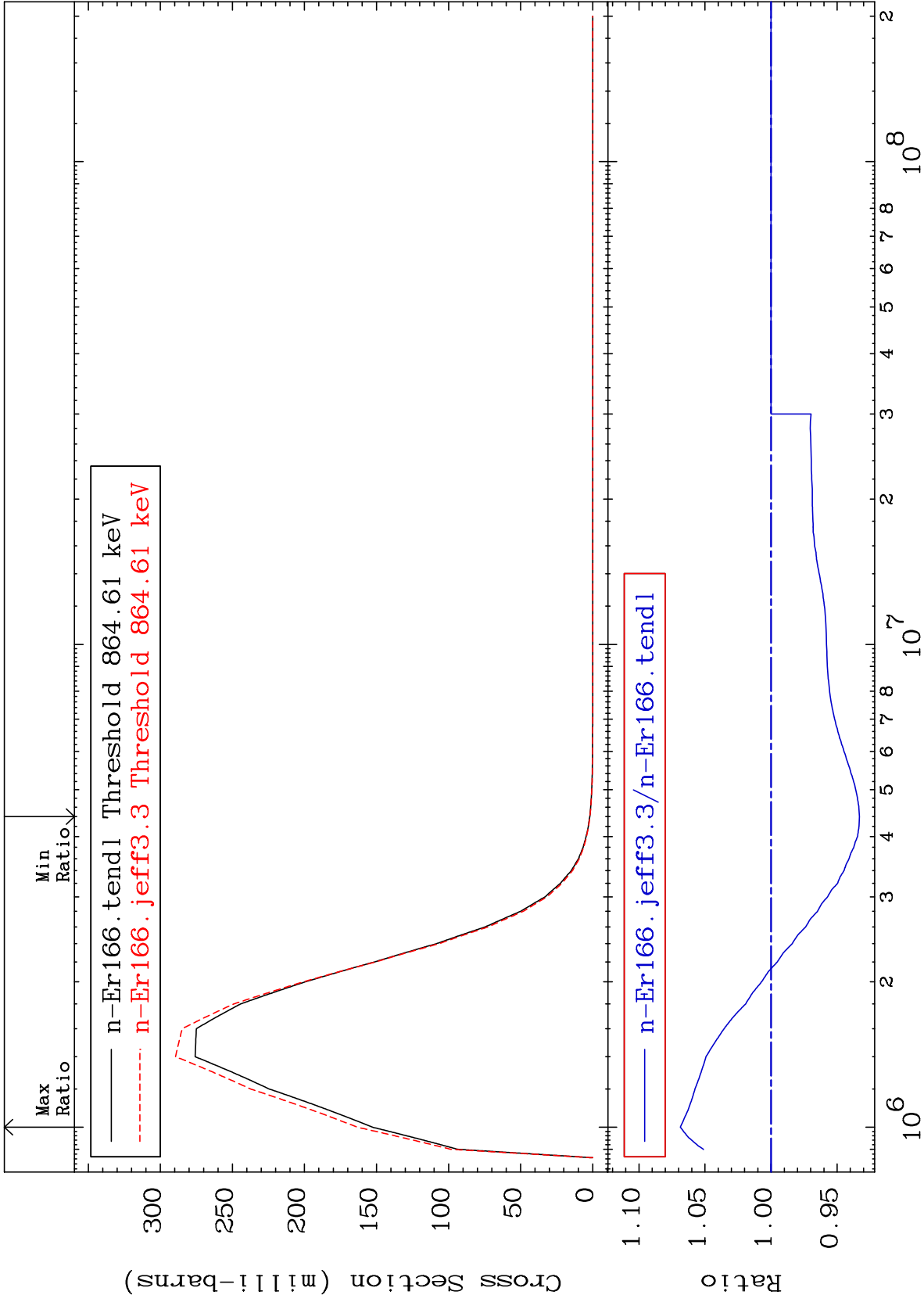




MAT 6837

MT= 55 (n,n') Level
Cross Section

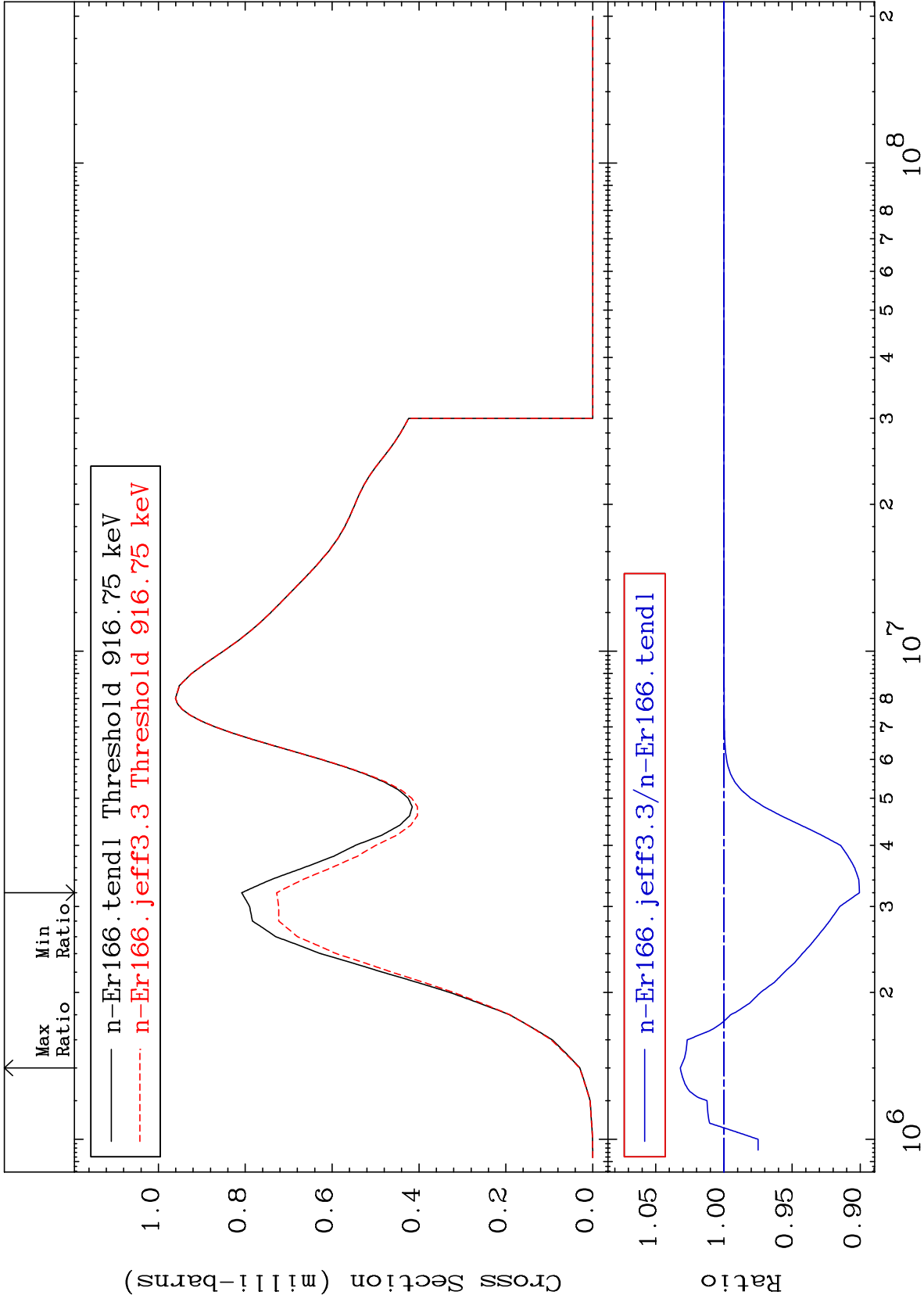
68-Er-166
-6.690 To 6.866 %

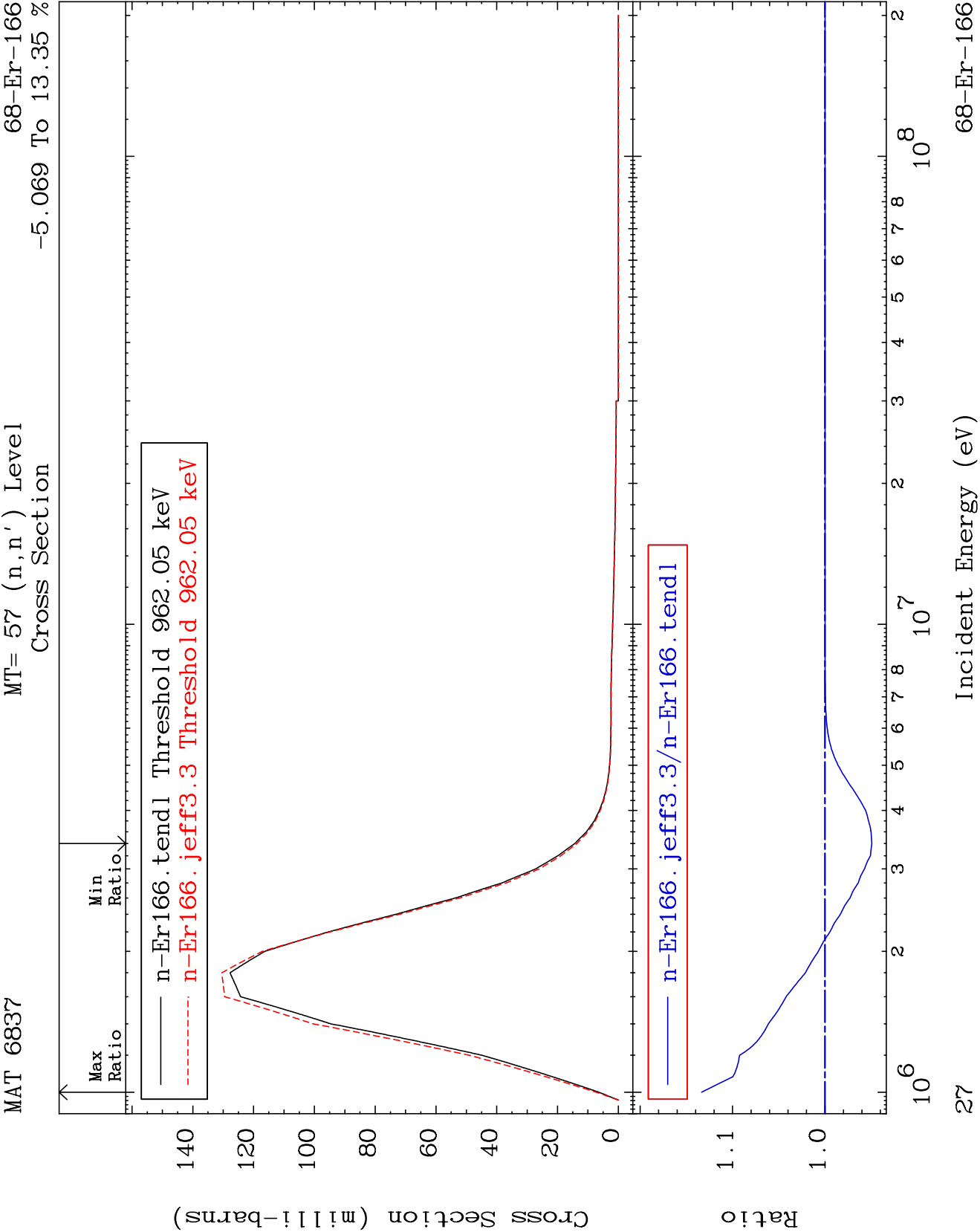


25

Incident Energy (eV)

68-Er-166

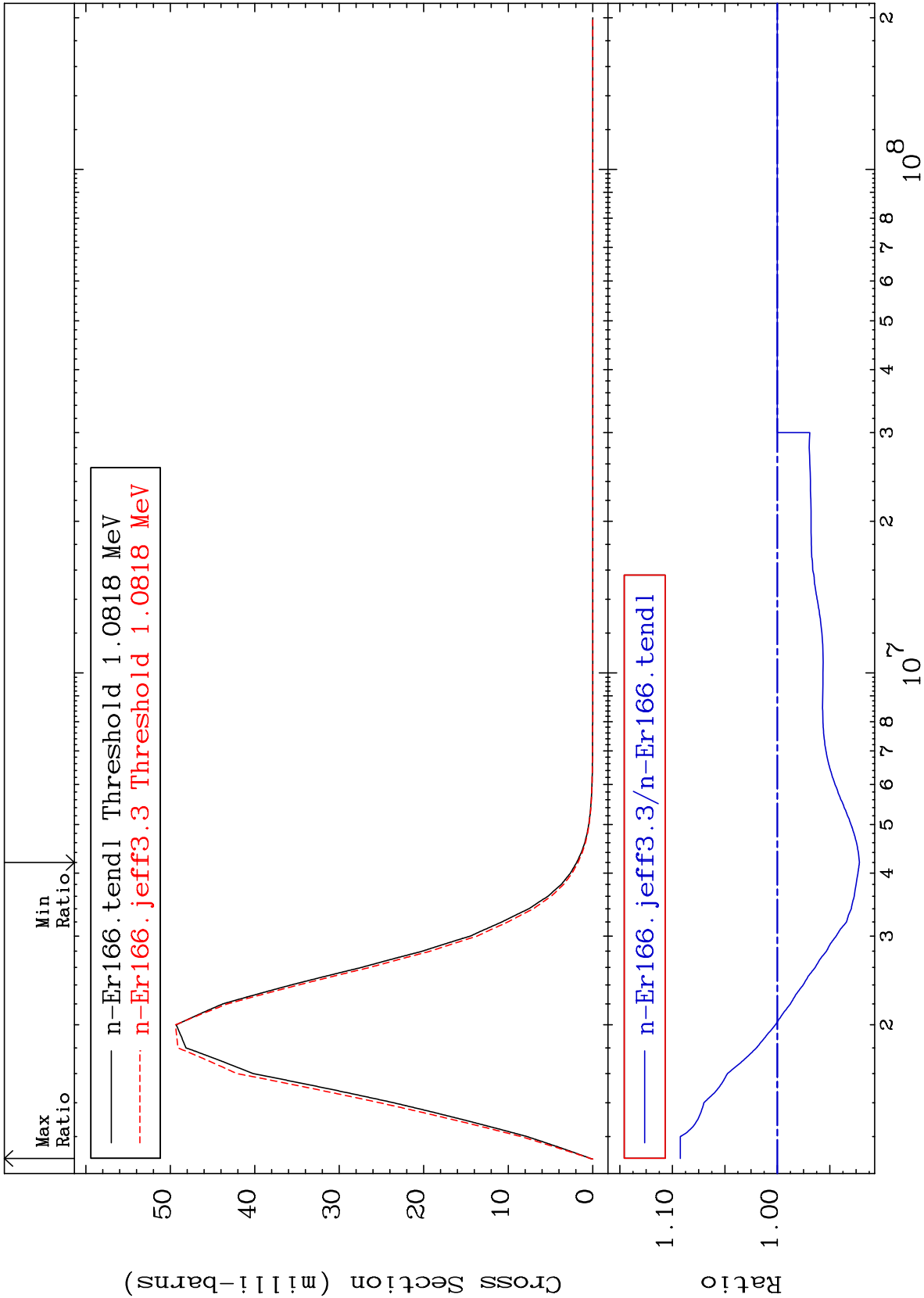


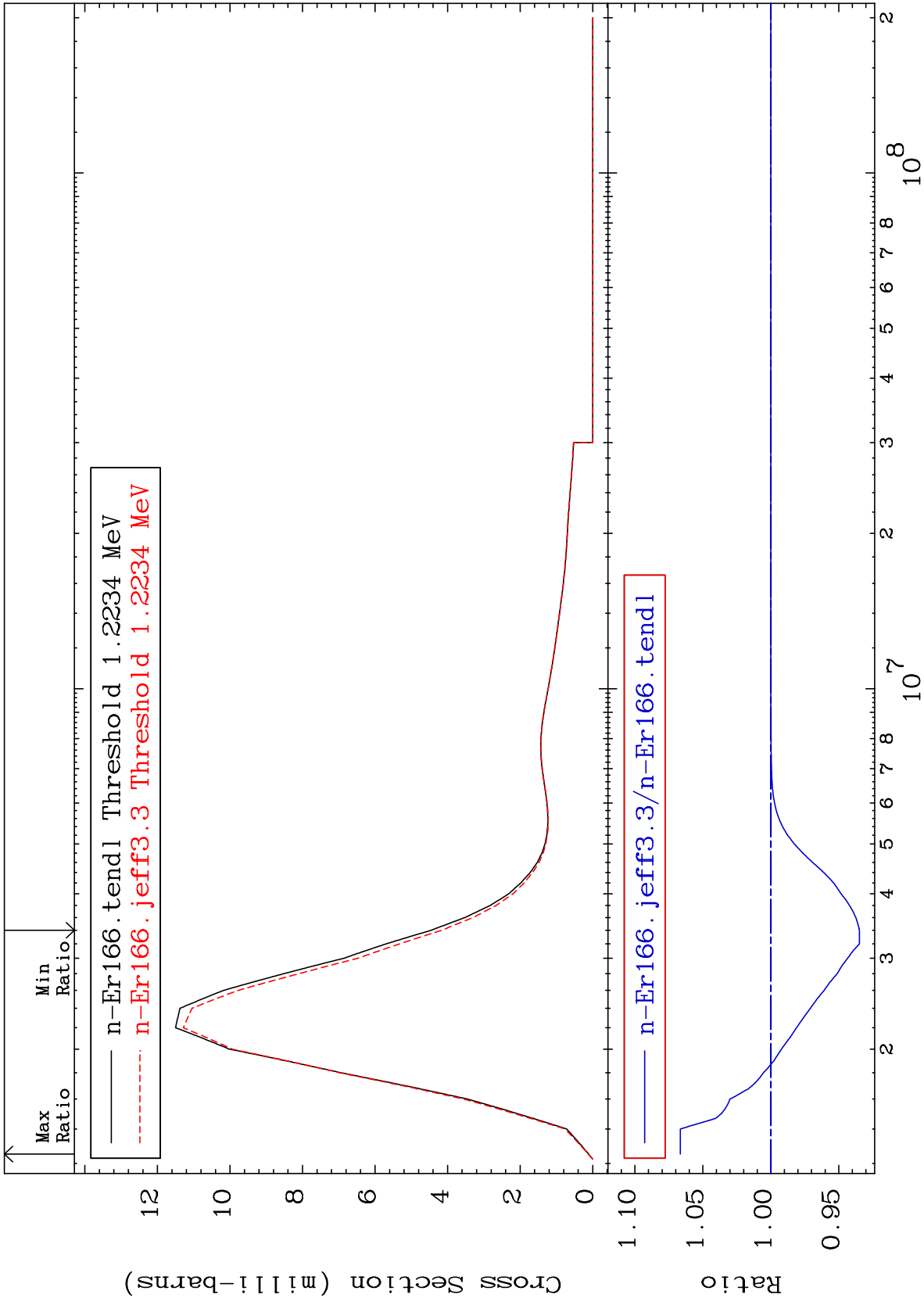


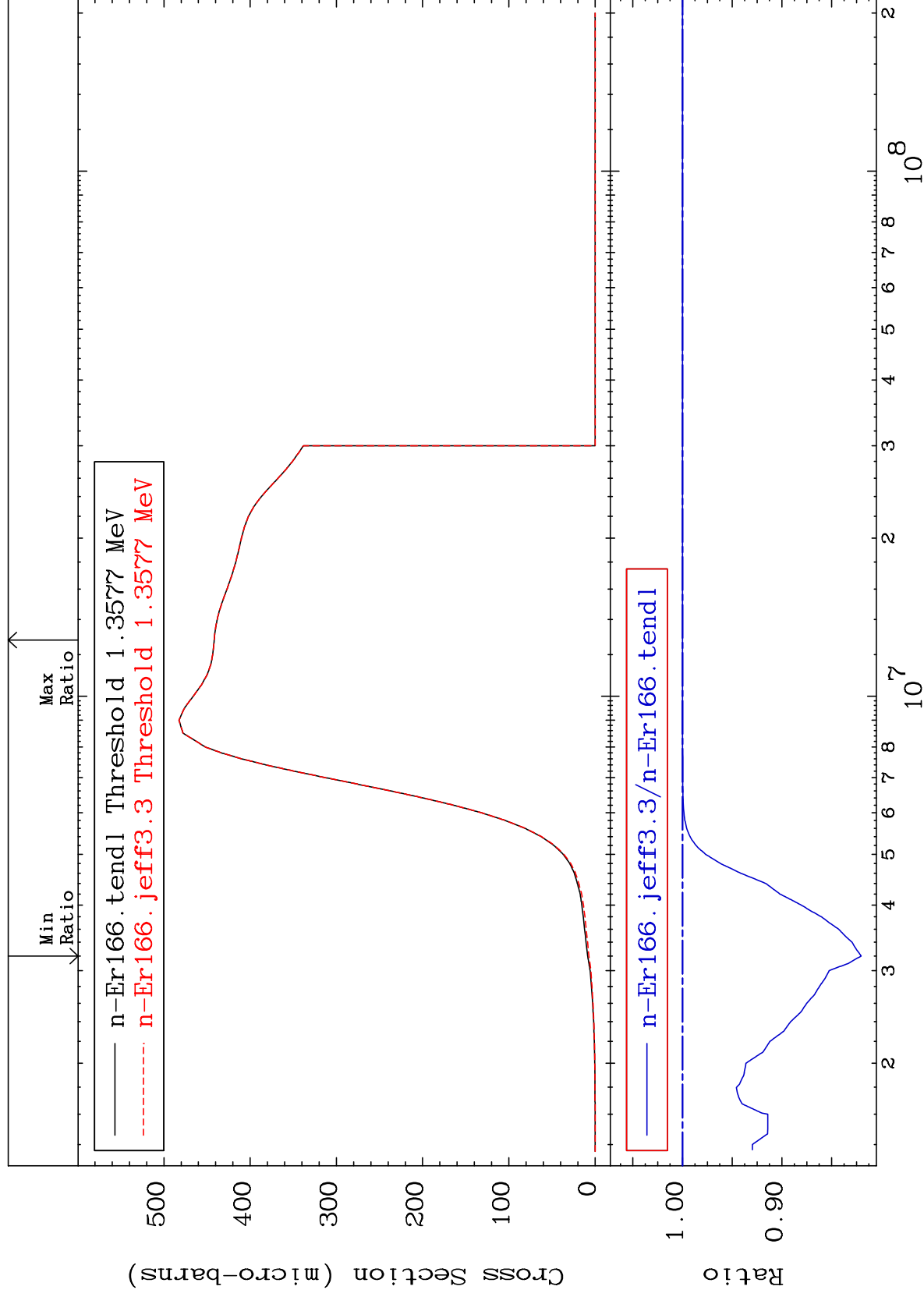
27

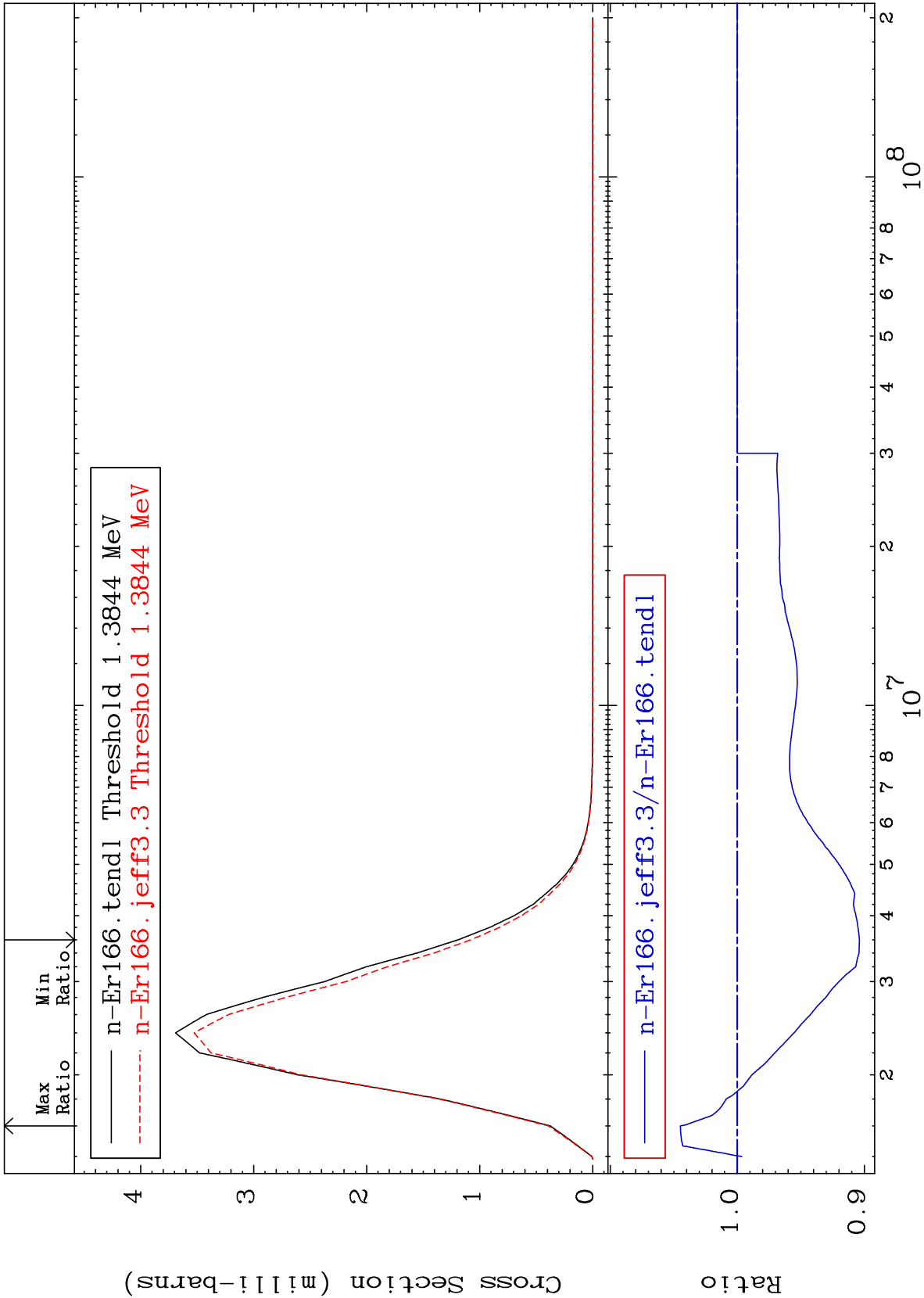
Incident Energy (eV)

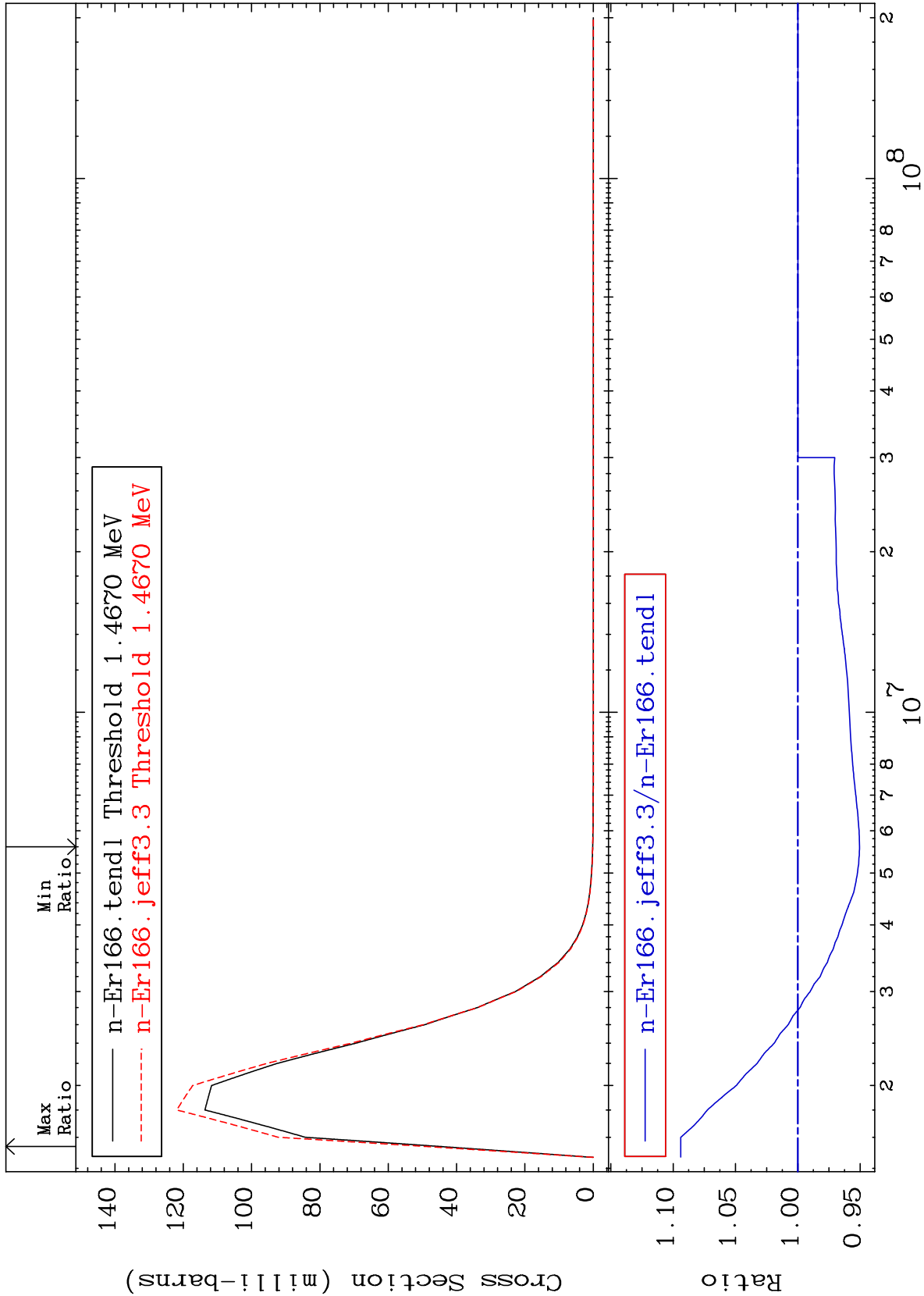
68-Er-166

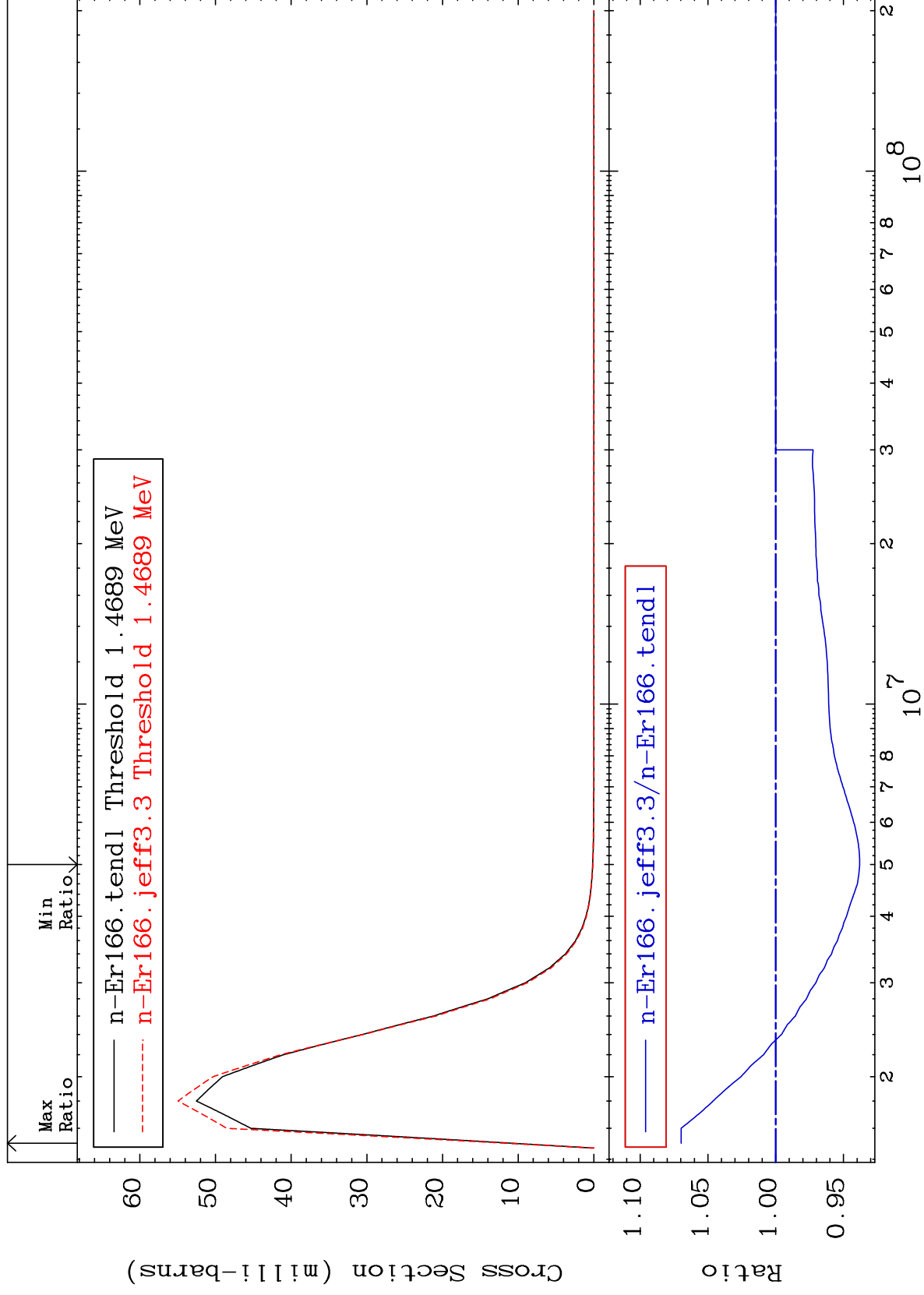


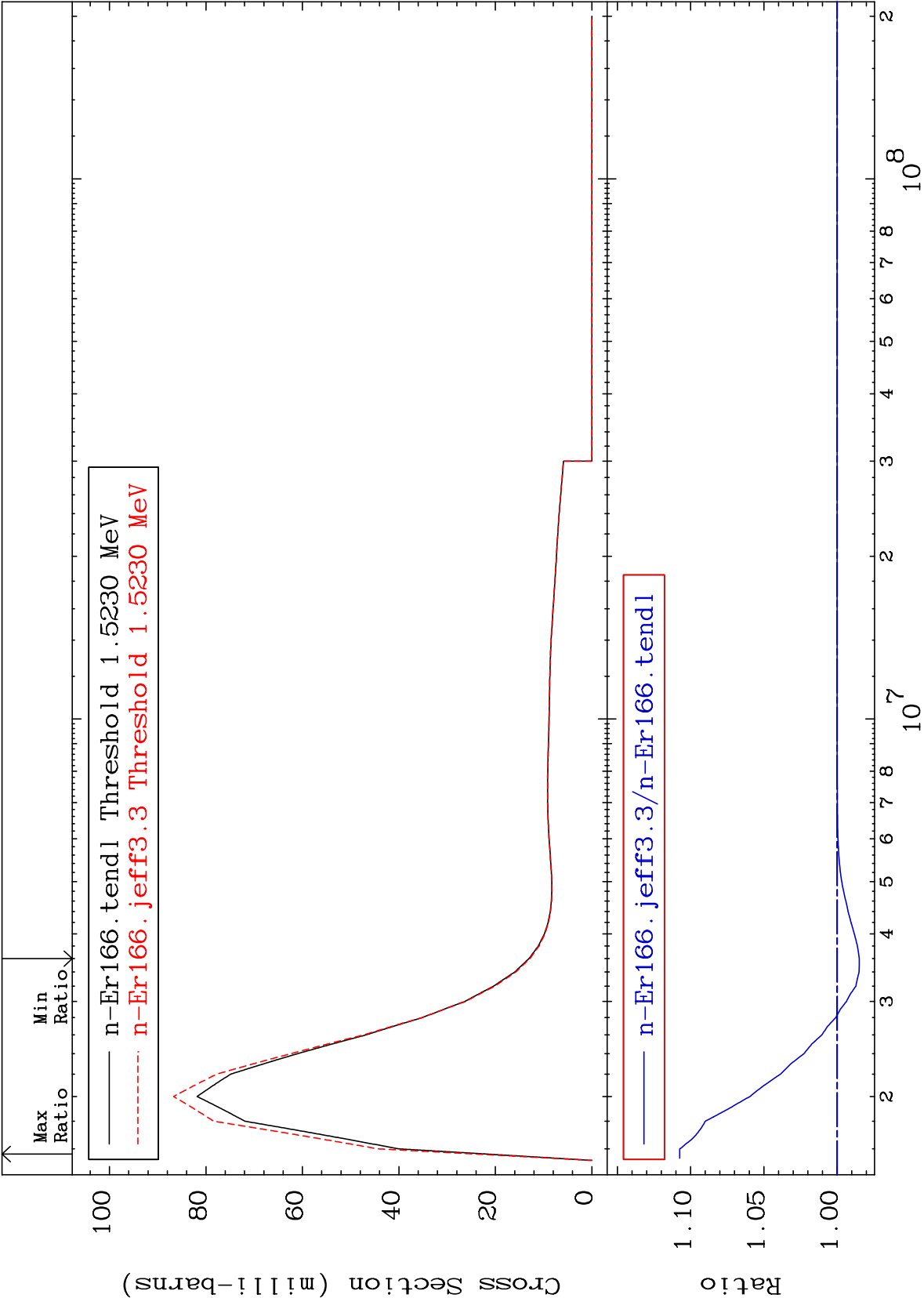


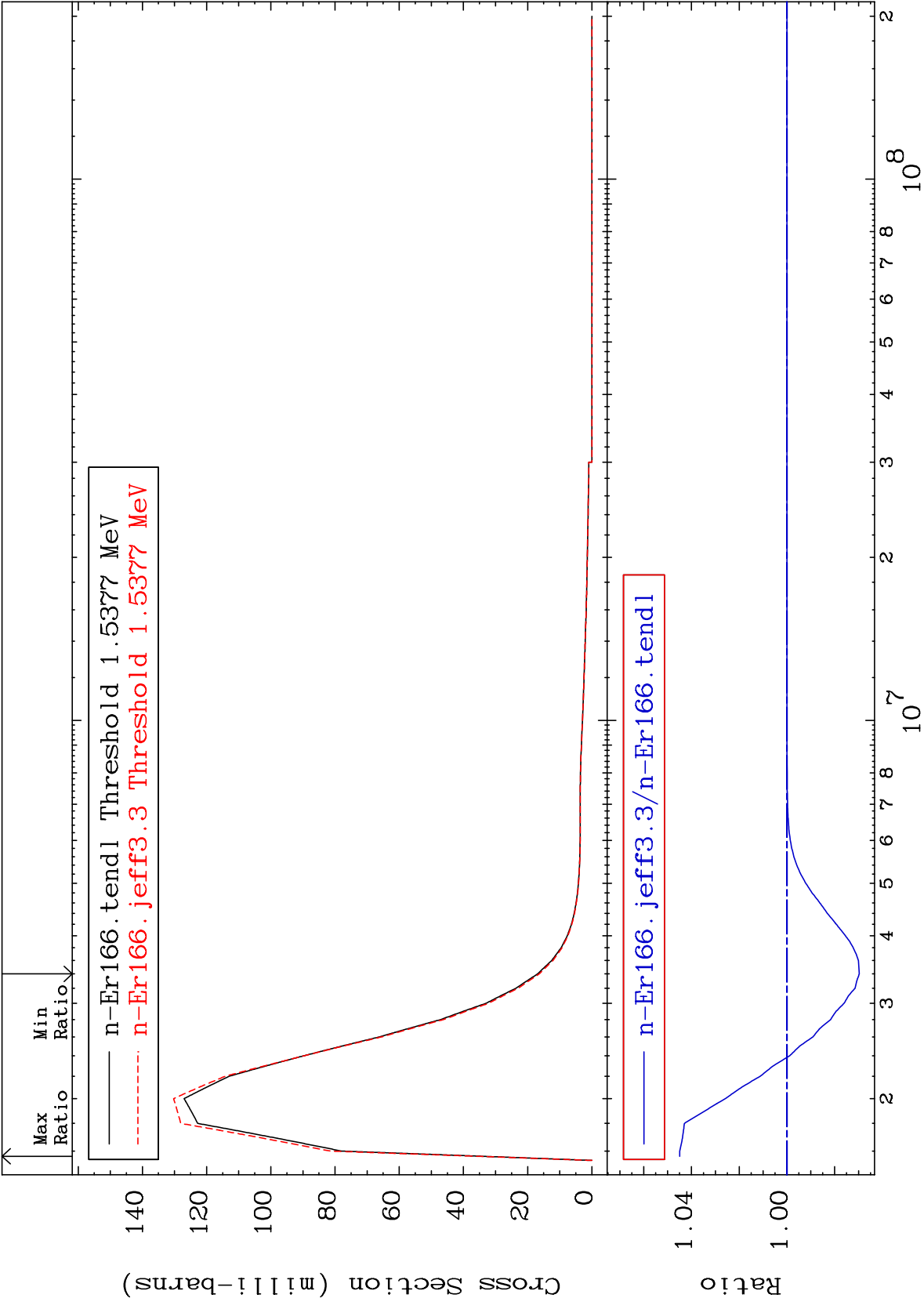


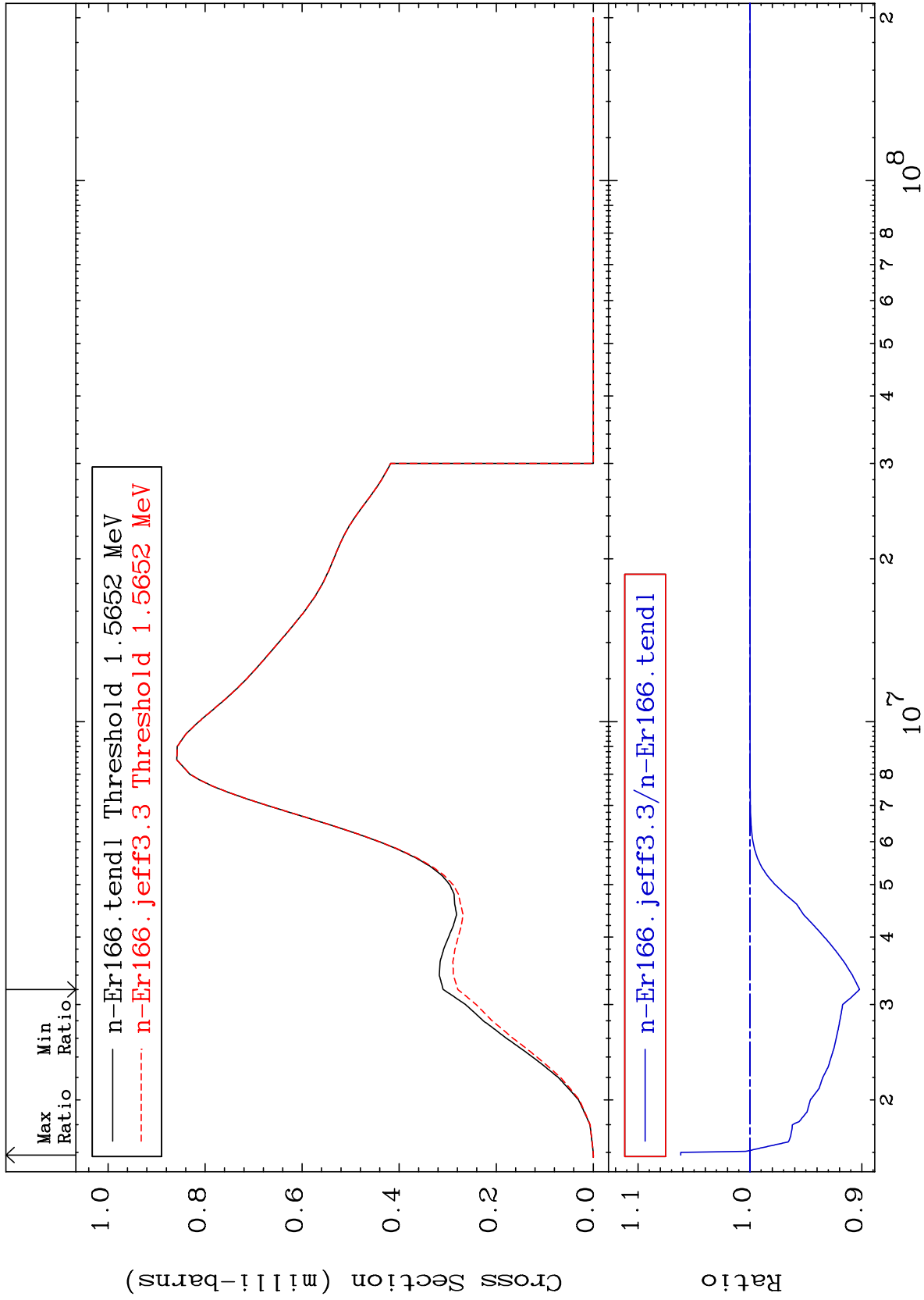








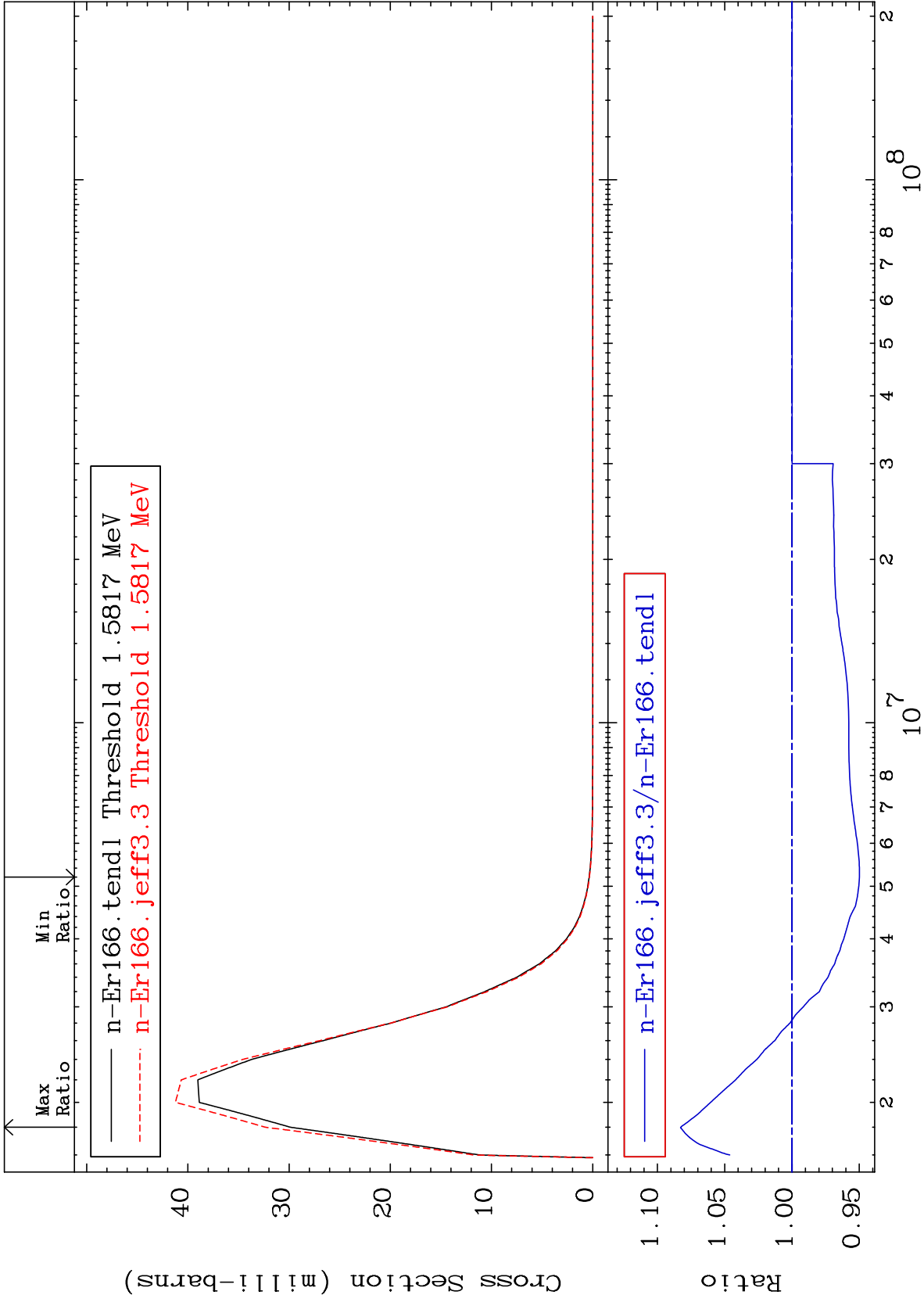


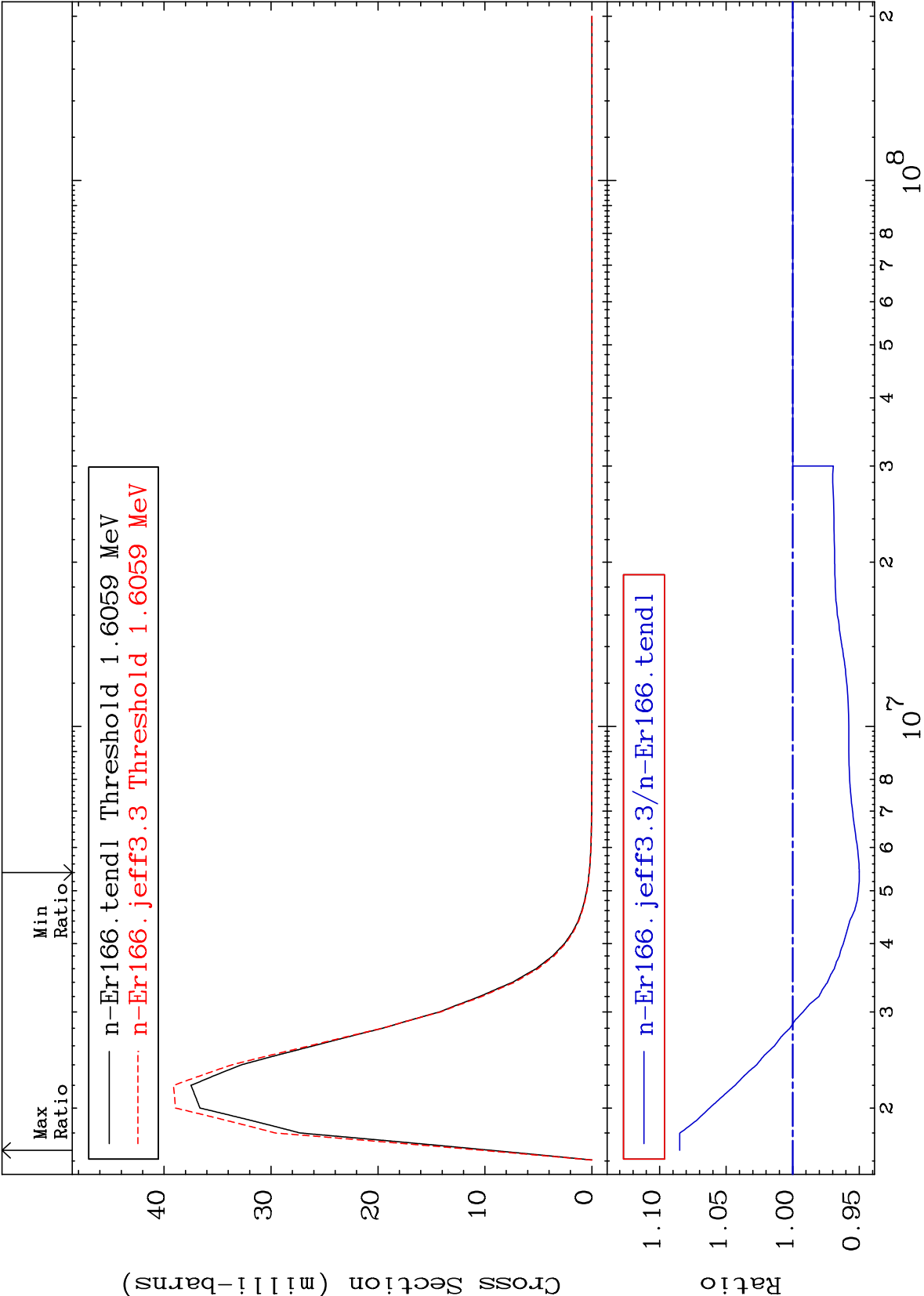


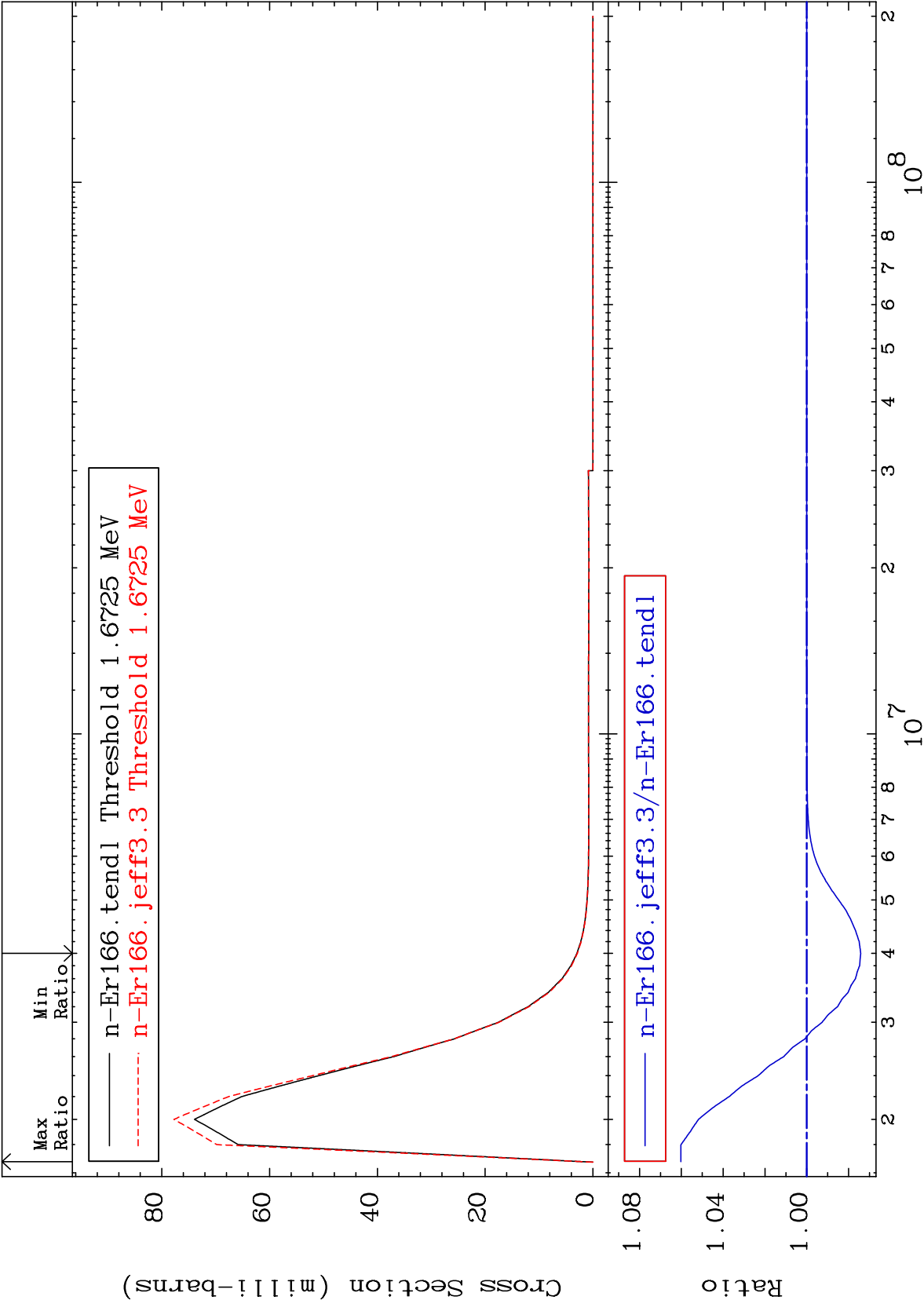
MAT 6837

MT= 67 (n,n') Level
Cross Section

68-Er-166
-5.011 To 8.295 %



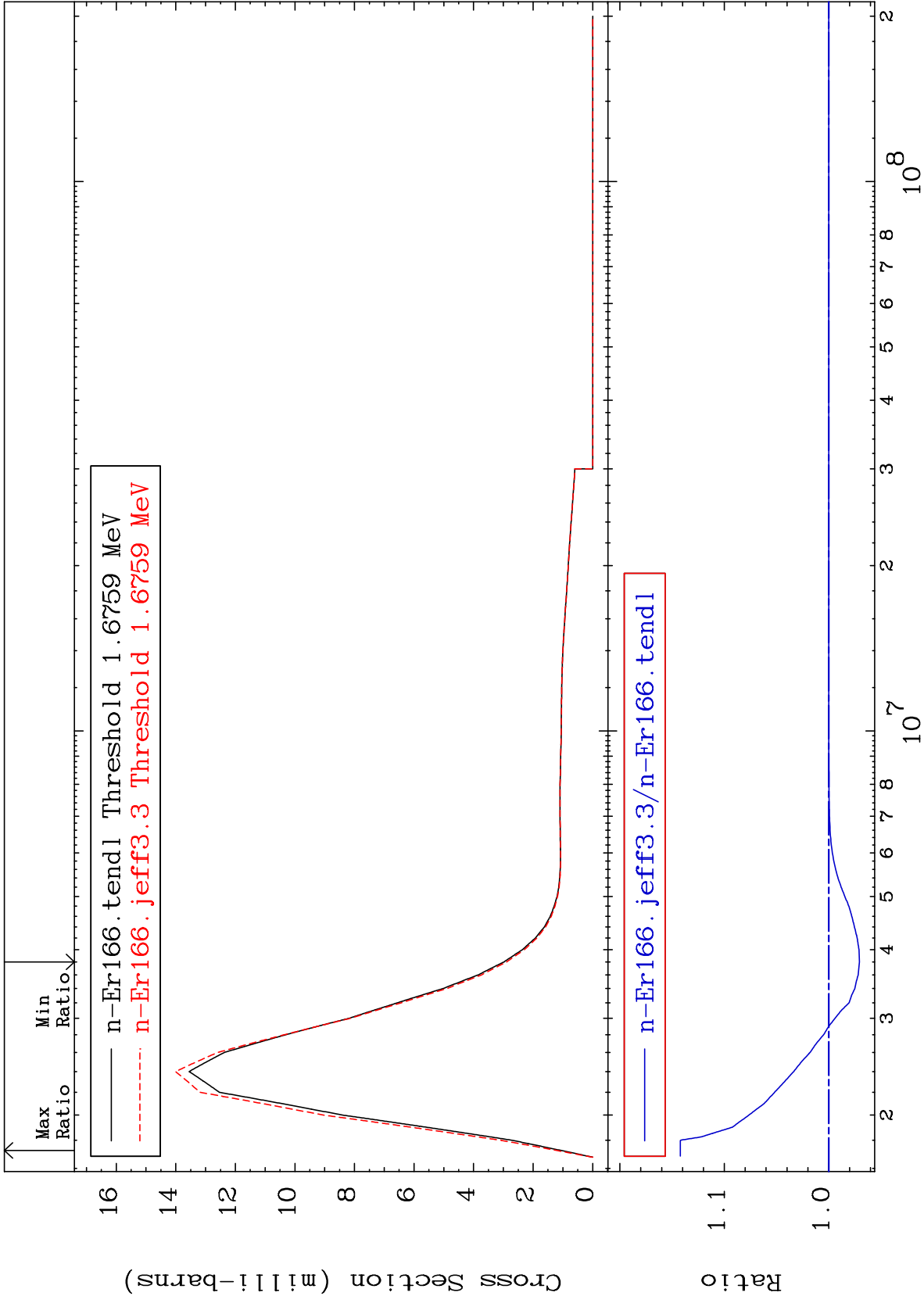




MAT 6837

MT= 70 (n,n') Level
Cross Section

68-Er-166
-2.934 To 14.21 %



40

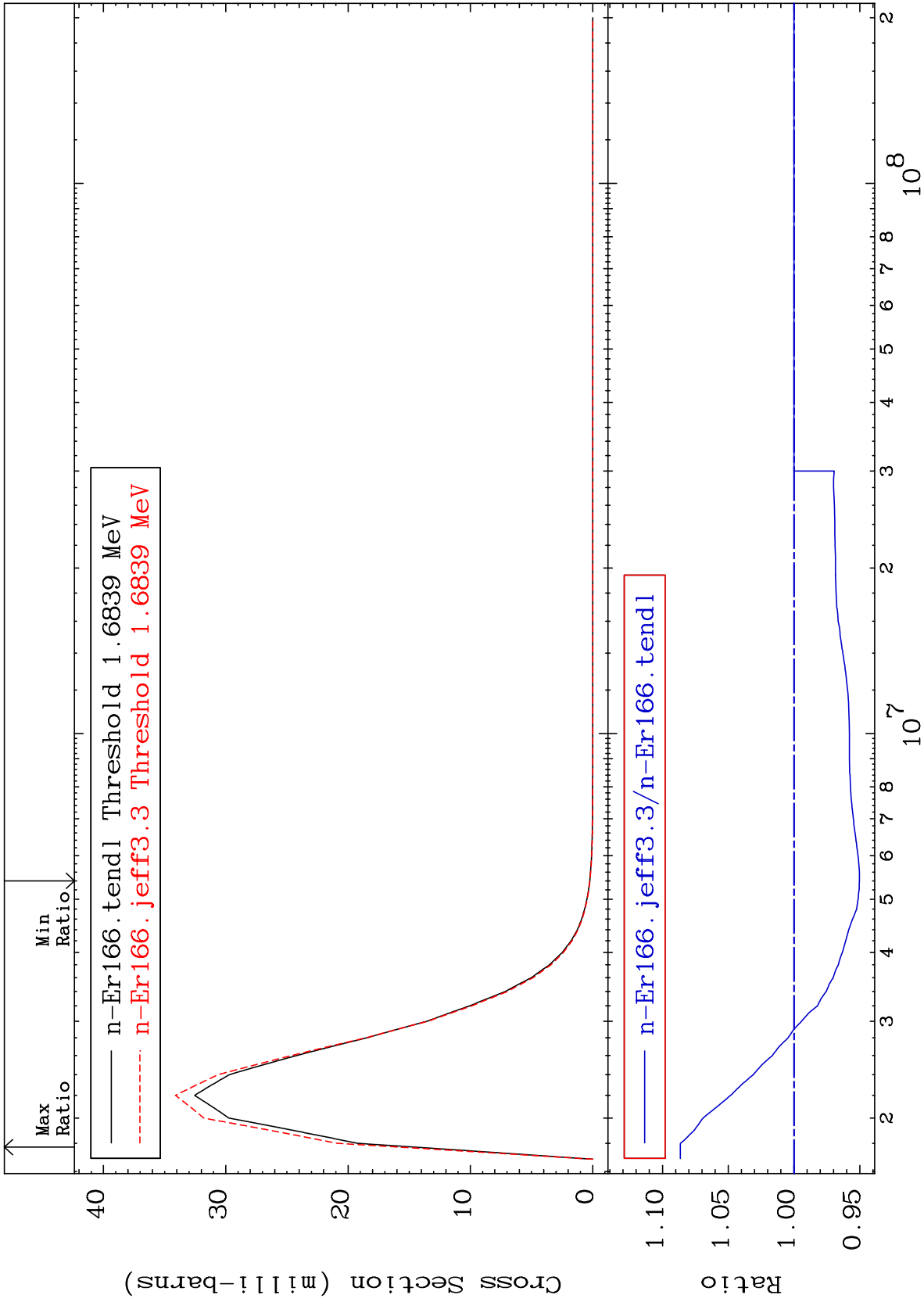
Incident Energy (eV)

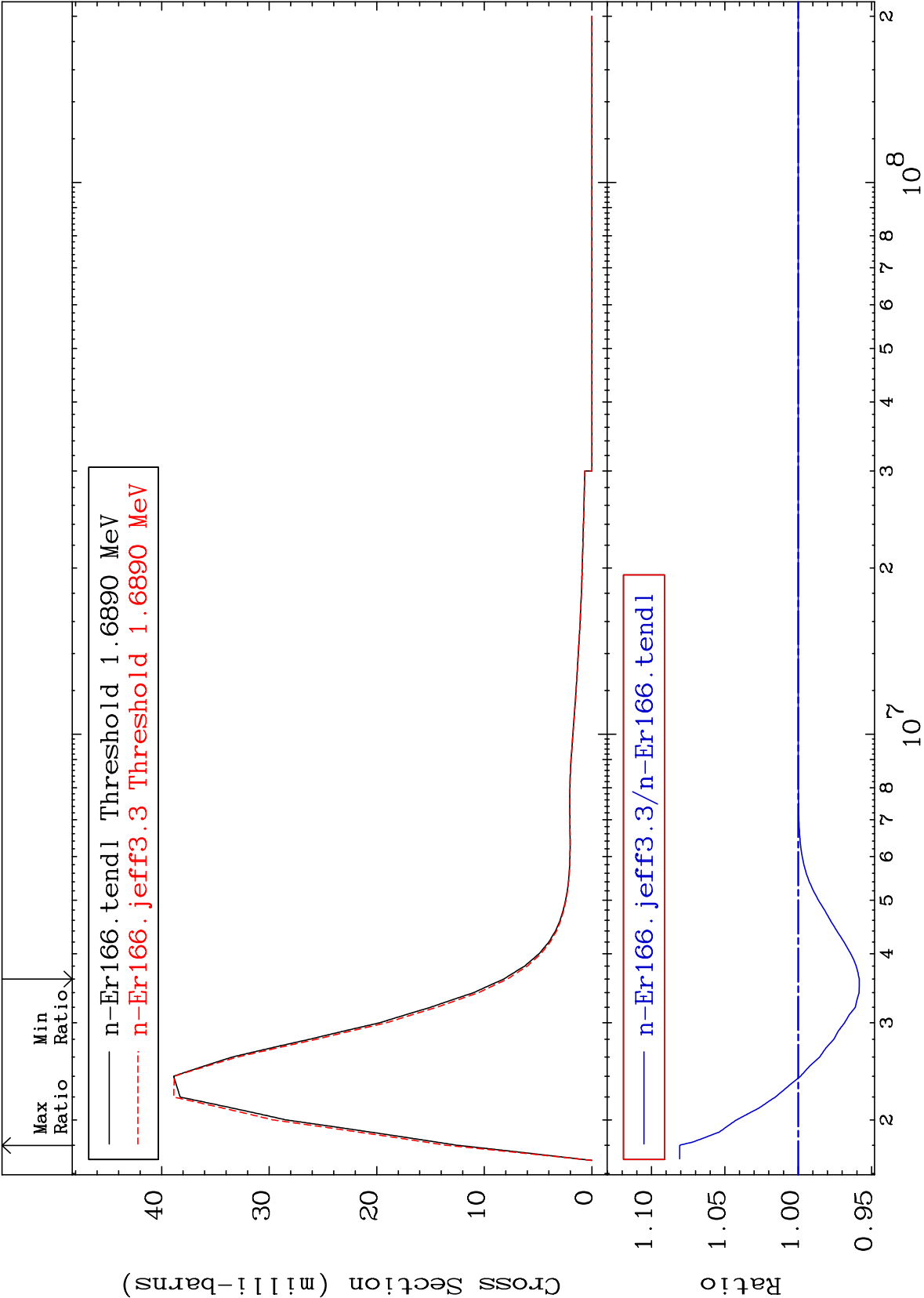
68-Er-166

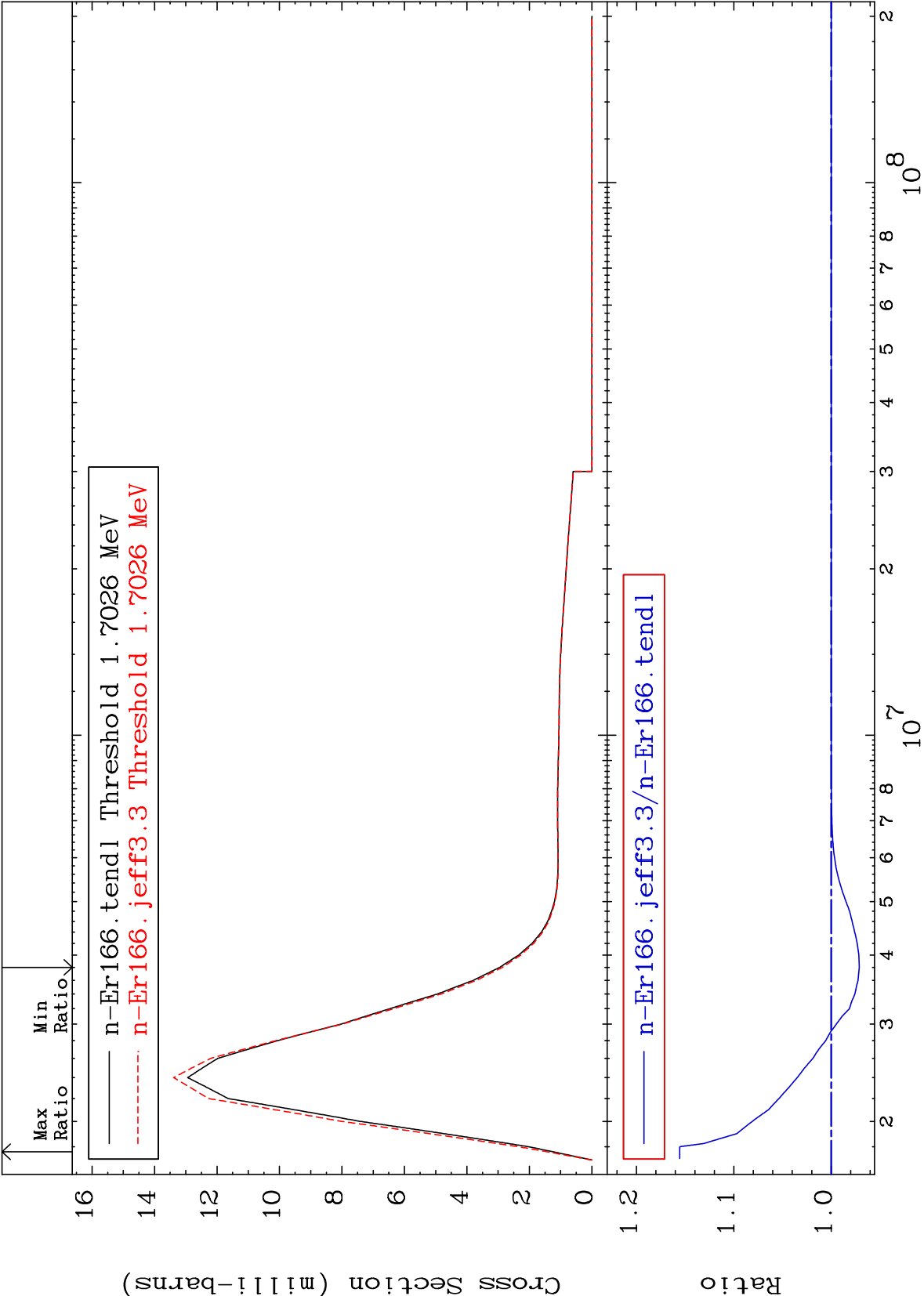
MAT 6837

MT= 71 (n,n') Level
Cross Section

68-Er-166
-4.974 To 8.642 %



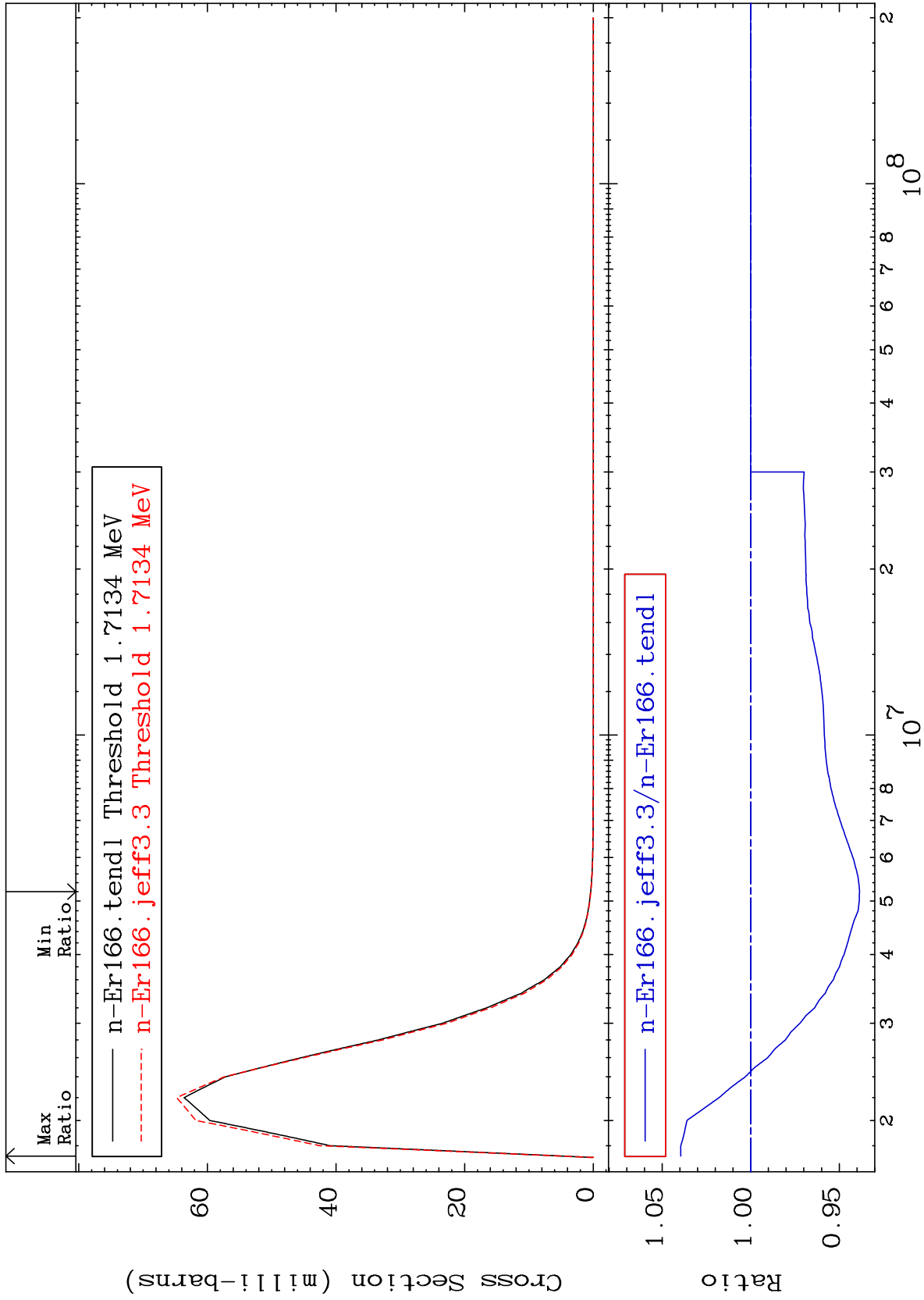




MAT 6837

MT= 74 (n,n') Level
Cross Section

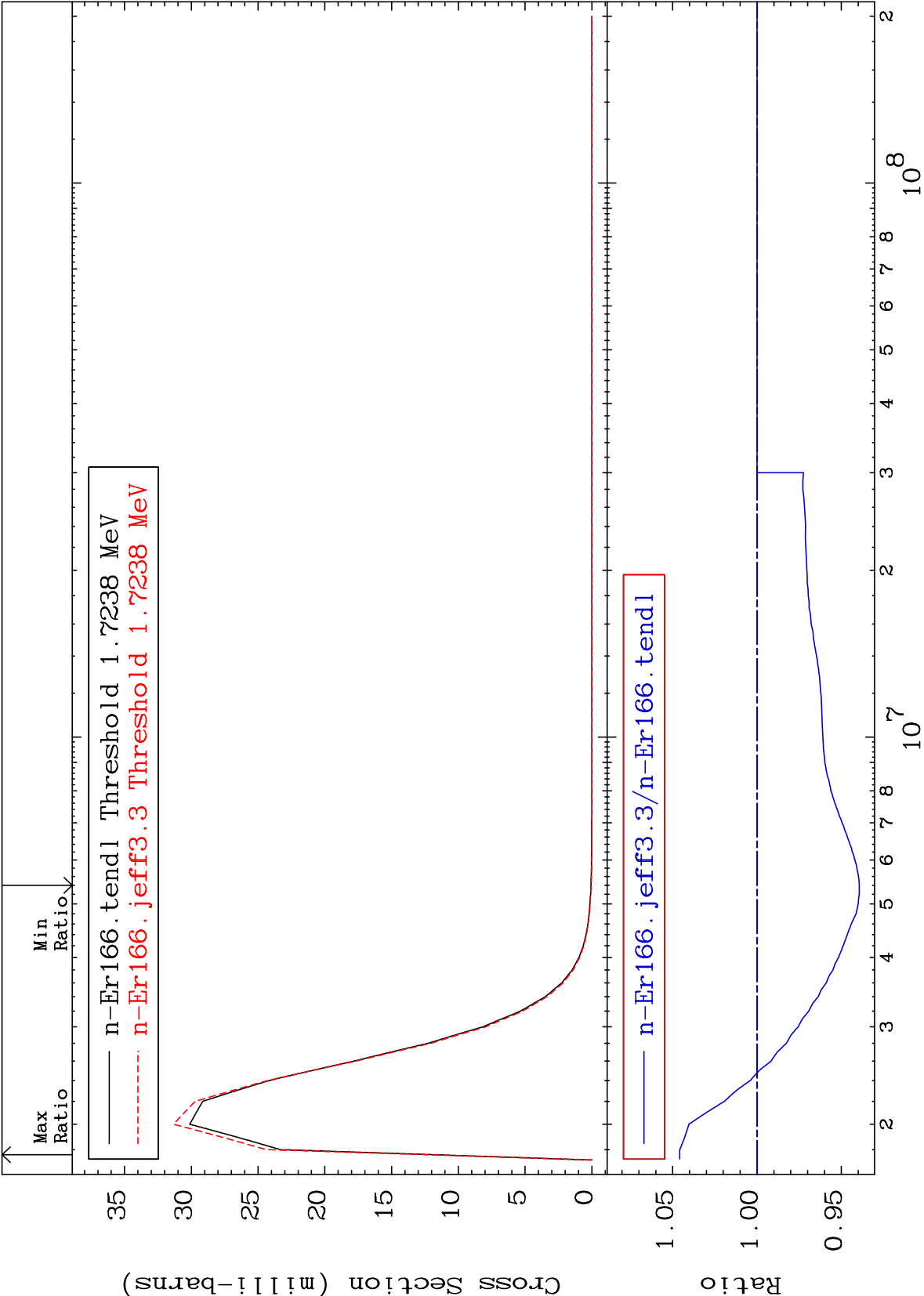
68-Er-166
-6.146 To 3.954 %



MAT 6837

MT= 75 (n,n') Level
Cross Section

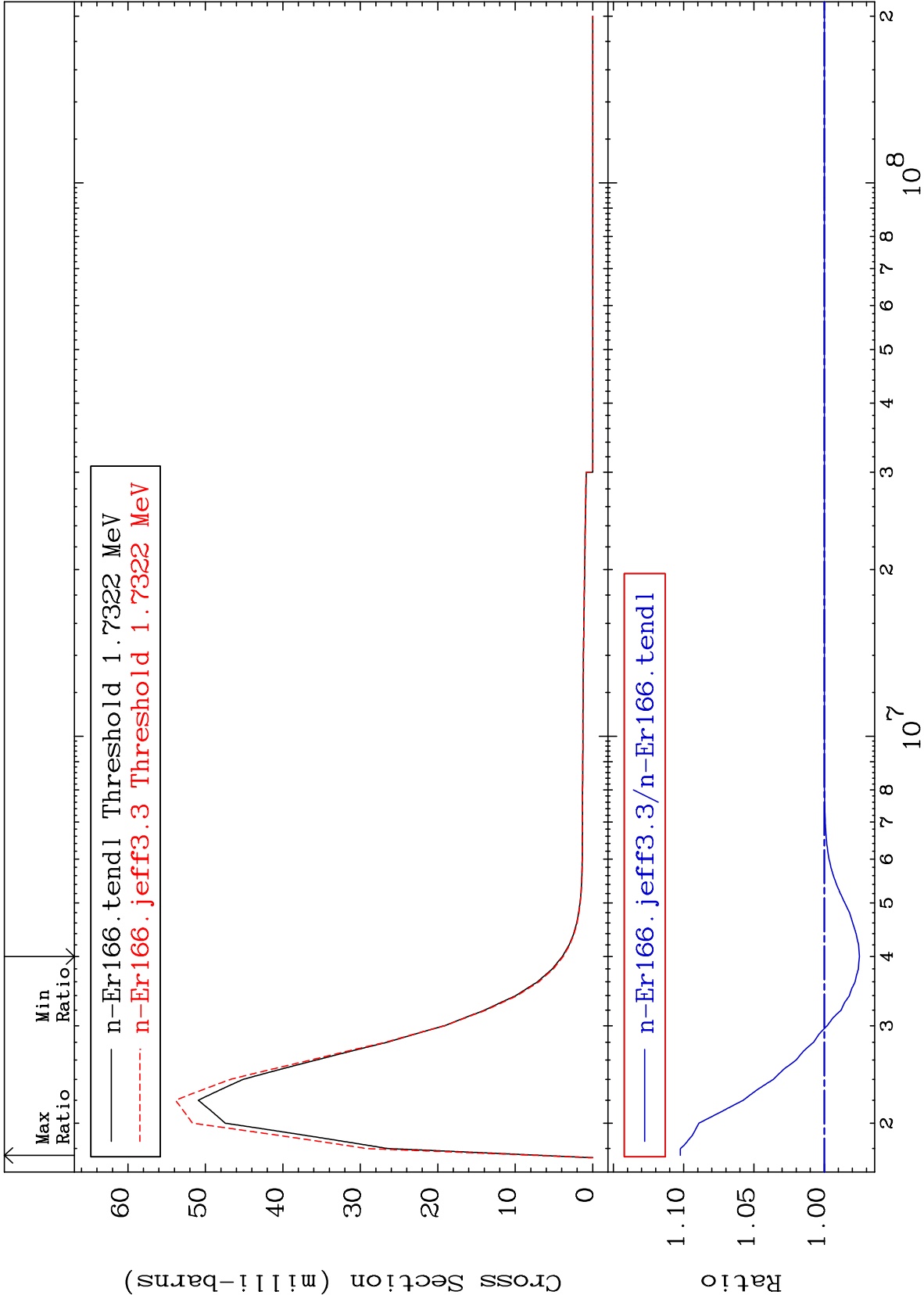
68-Er-166
-6.060 To 4.579 %



45

Incident Energy (eV)

68-Er-166



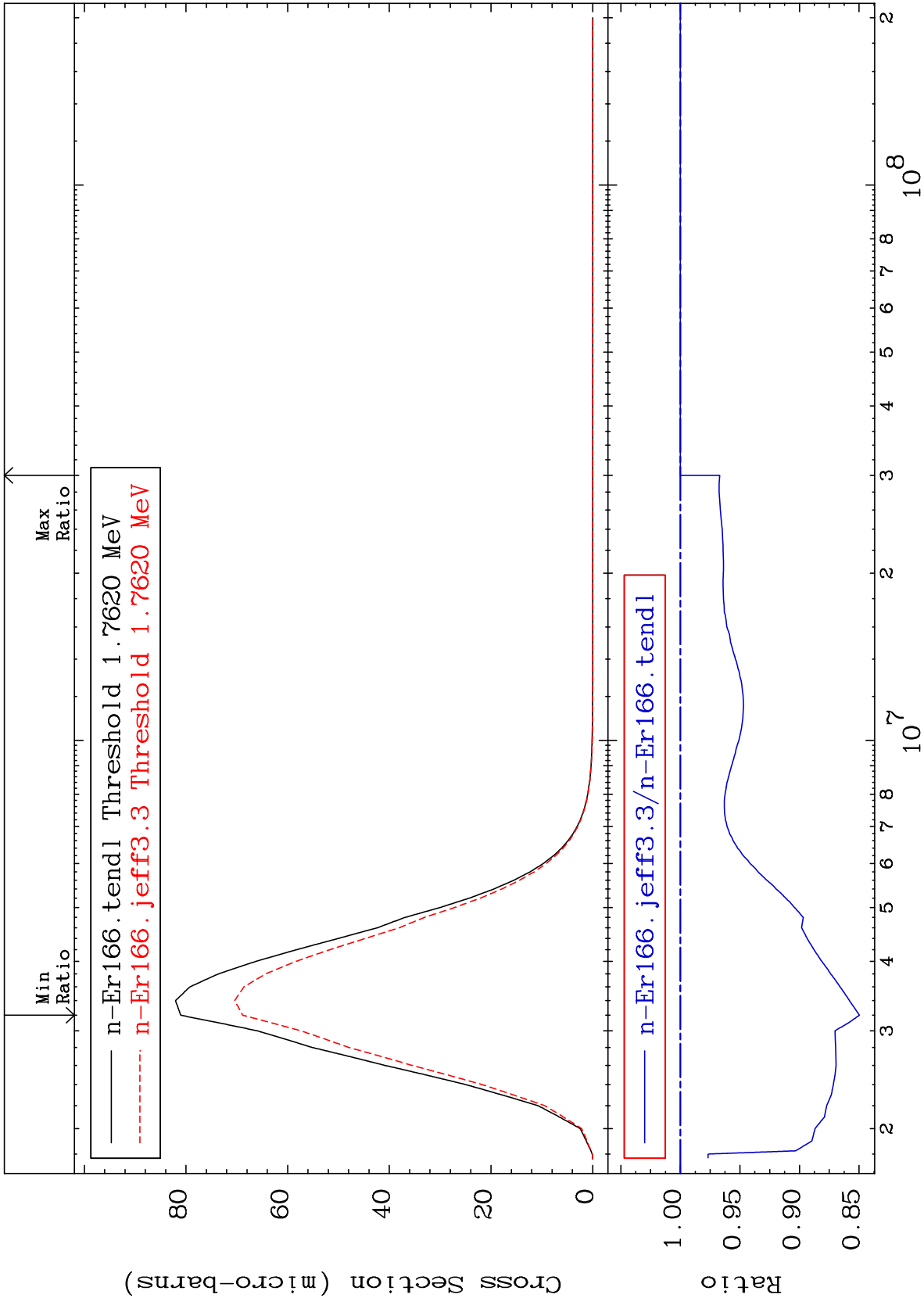
MAT 6837

MT= 77 (n,n') Level

68-Er-166

-15.03 To 0.000 %

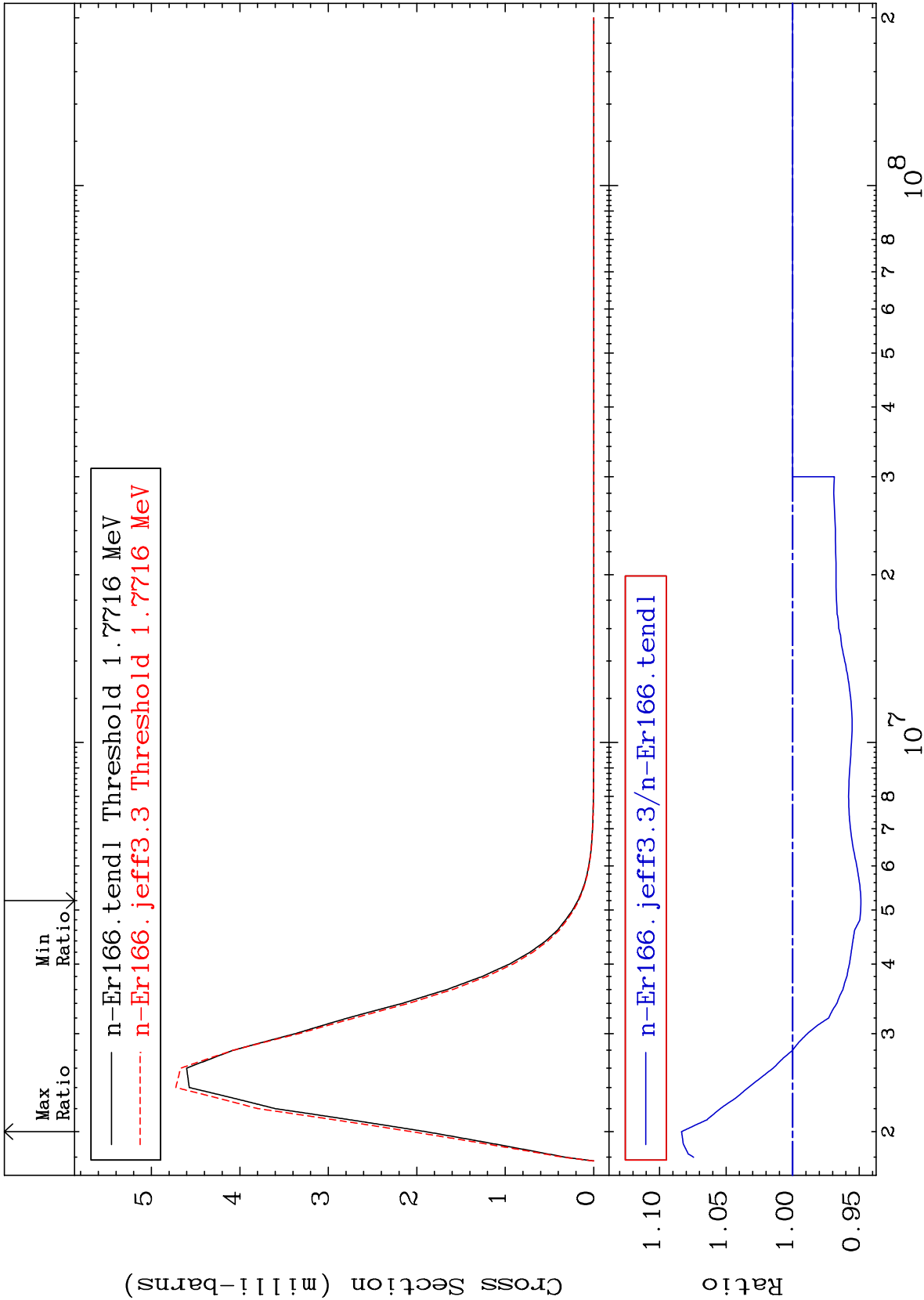
Cross Section

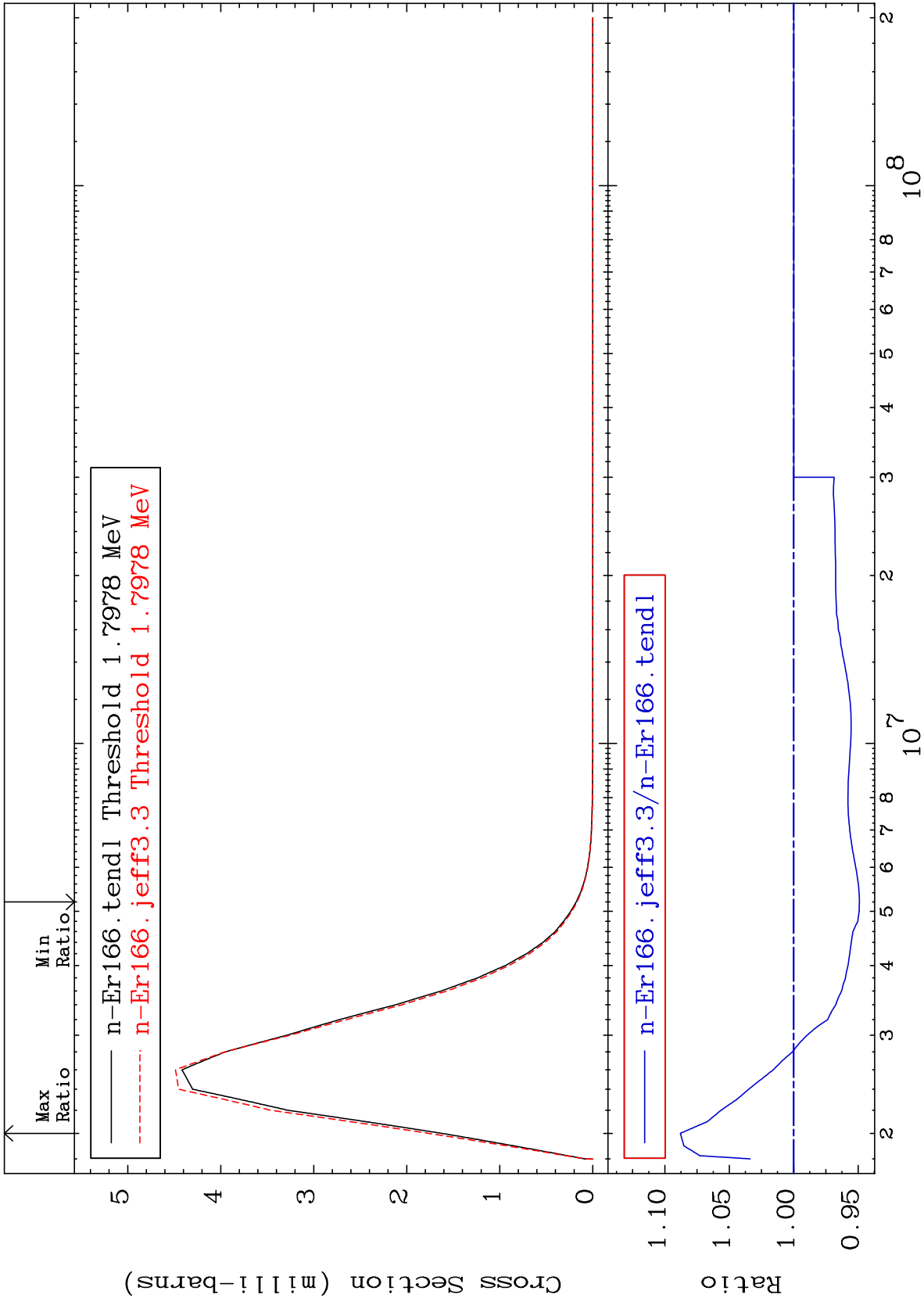


MAT 6837

MT= 78 (n,n') Level
Cross Section

68-Er-166
-5.126 To 8.351 %

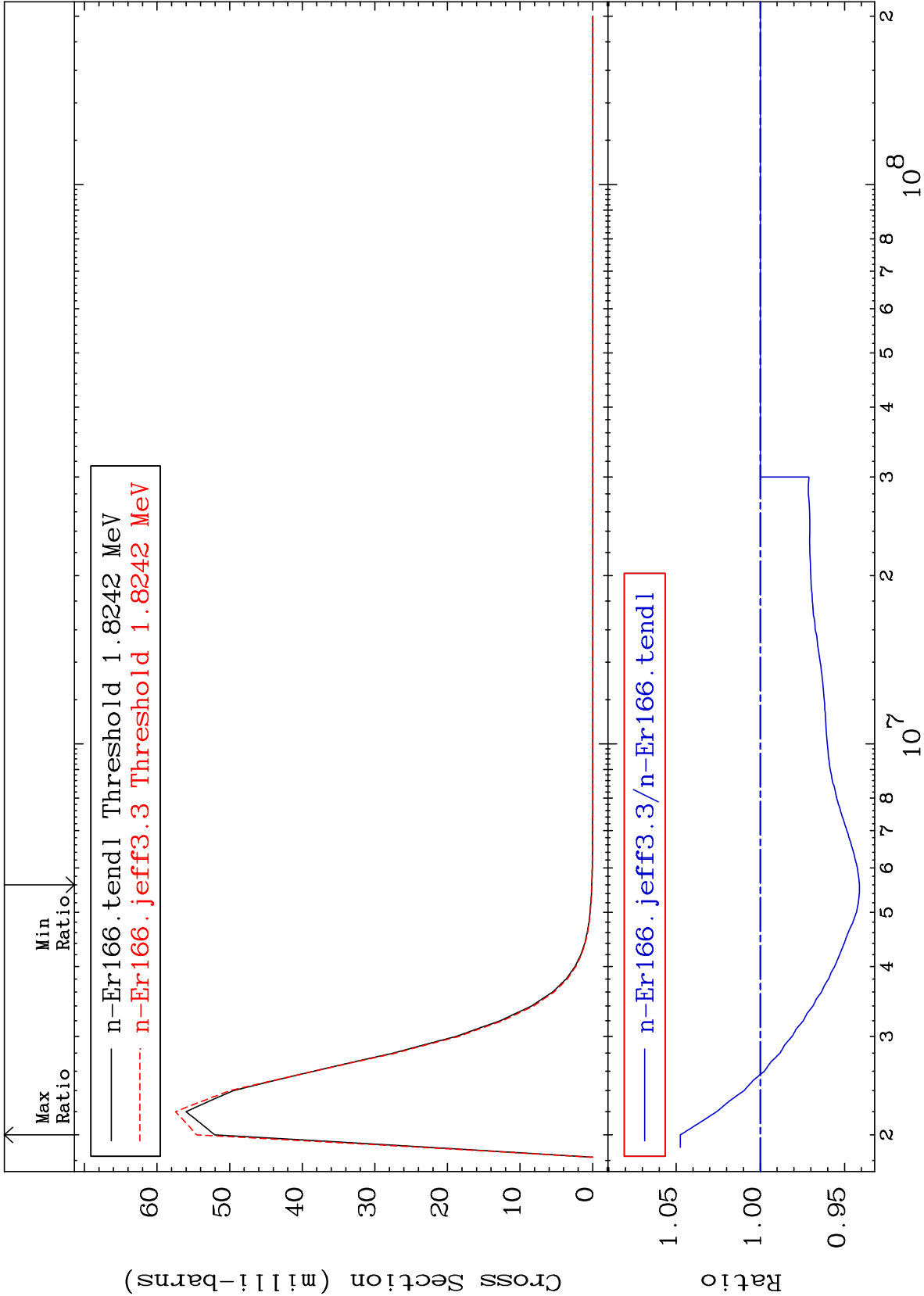




MAT 6837

MT= 80 (n,n') Level
Cross Section

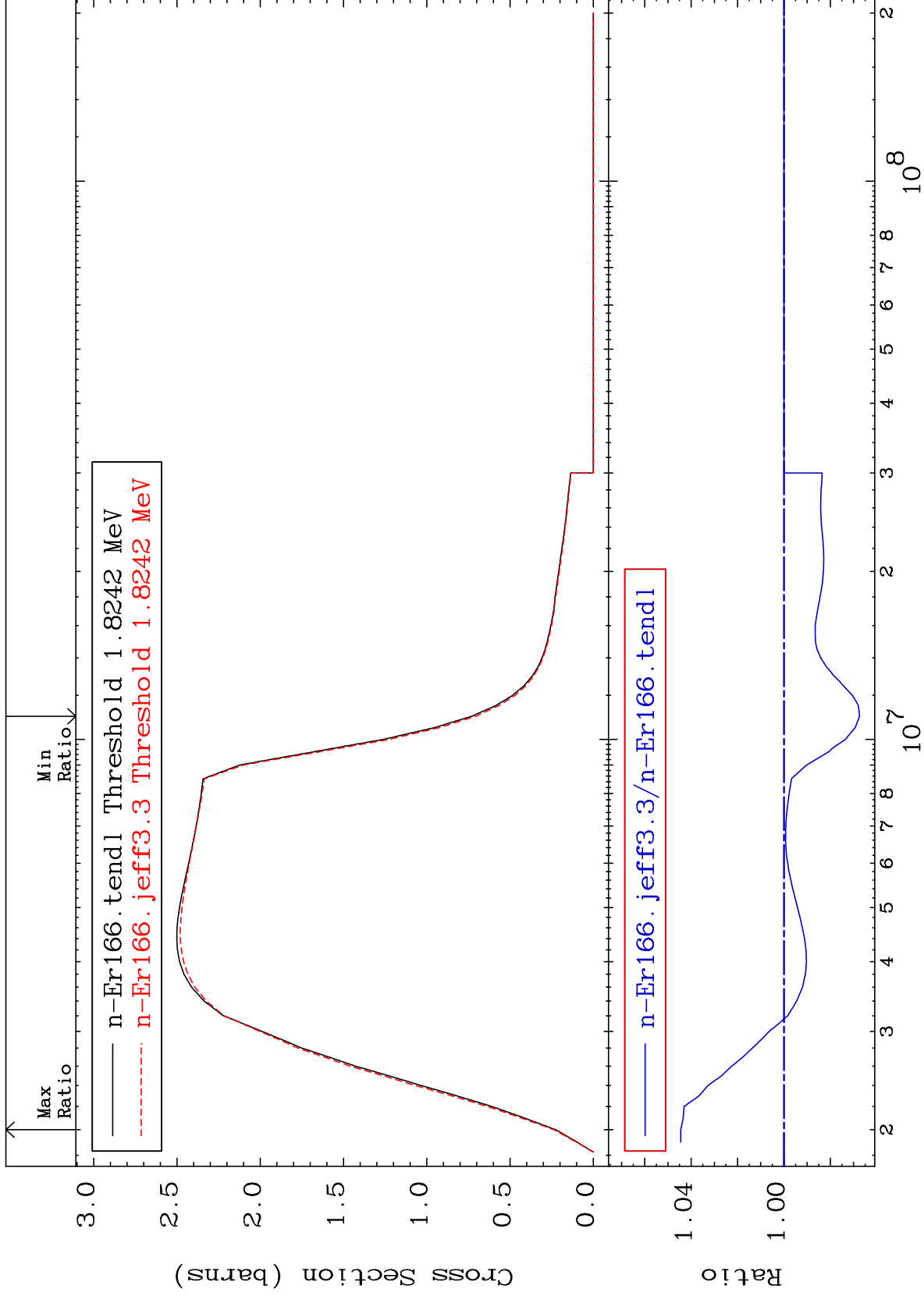
68-Er-166
-5.885 To 4.747 %

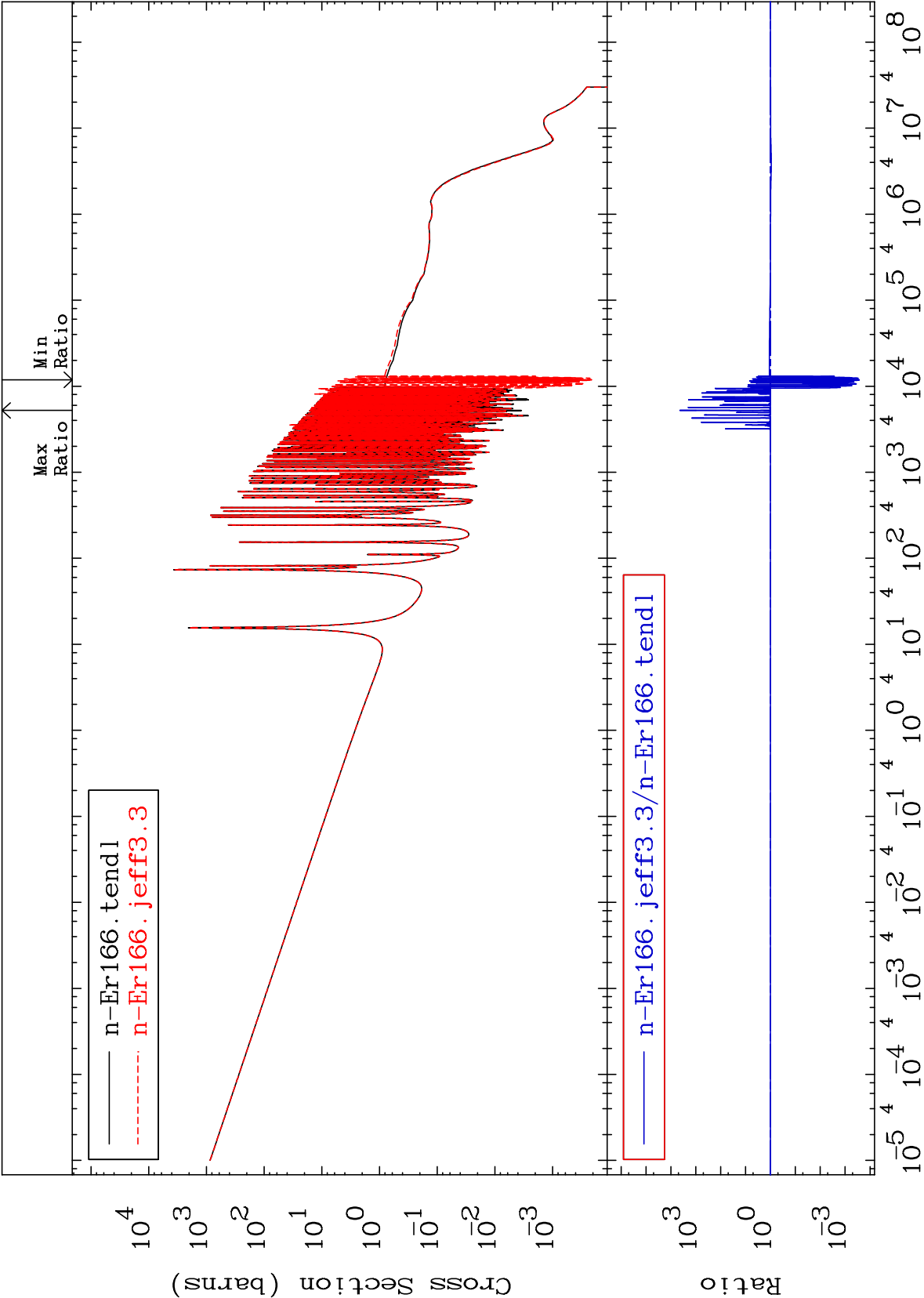


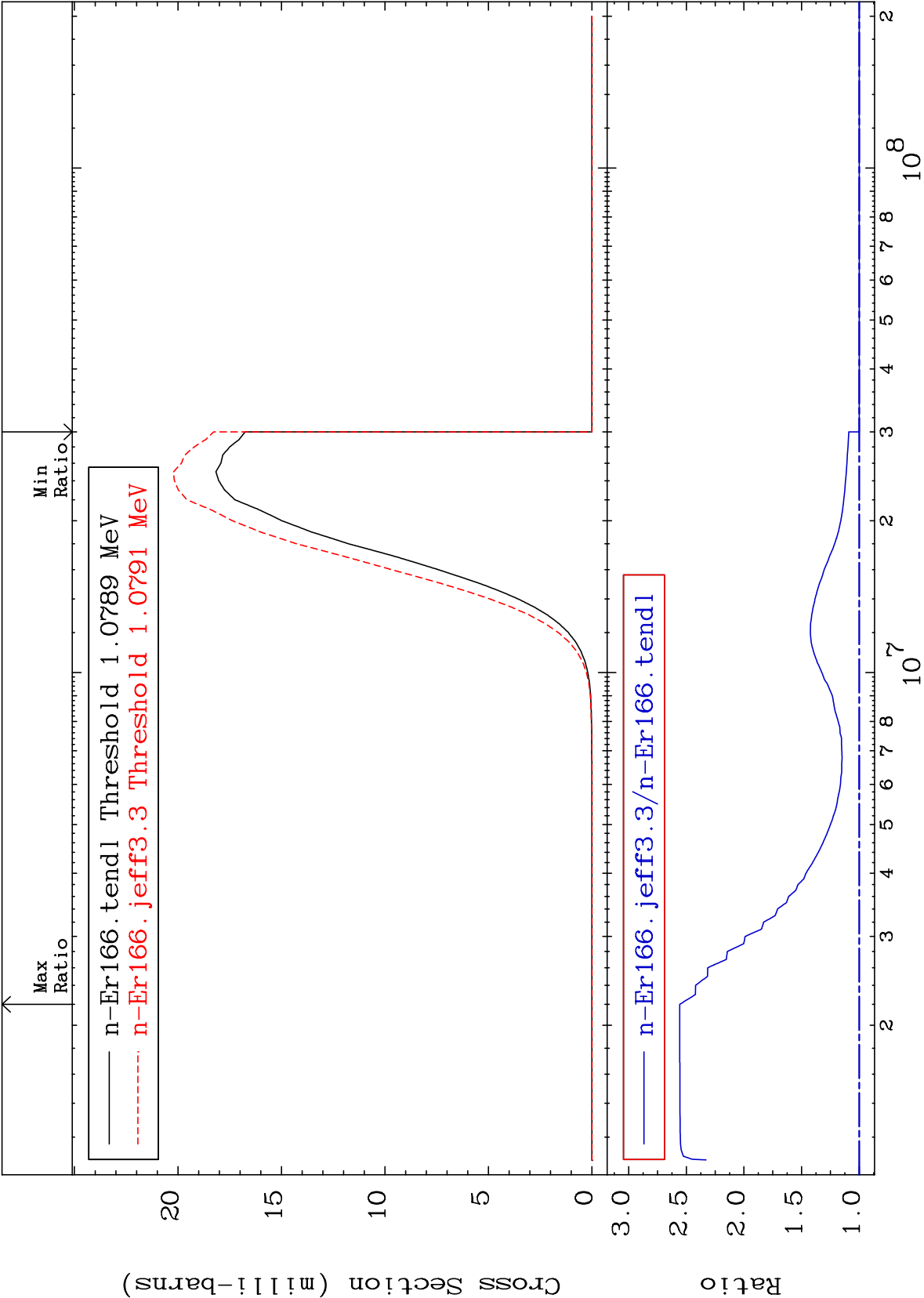
50

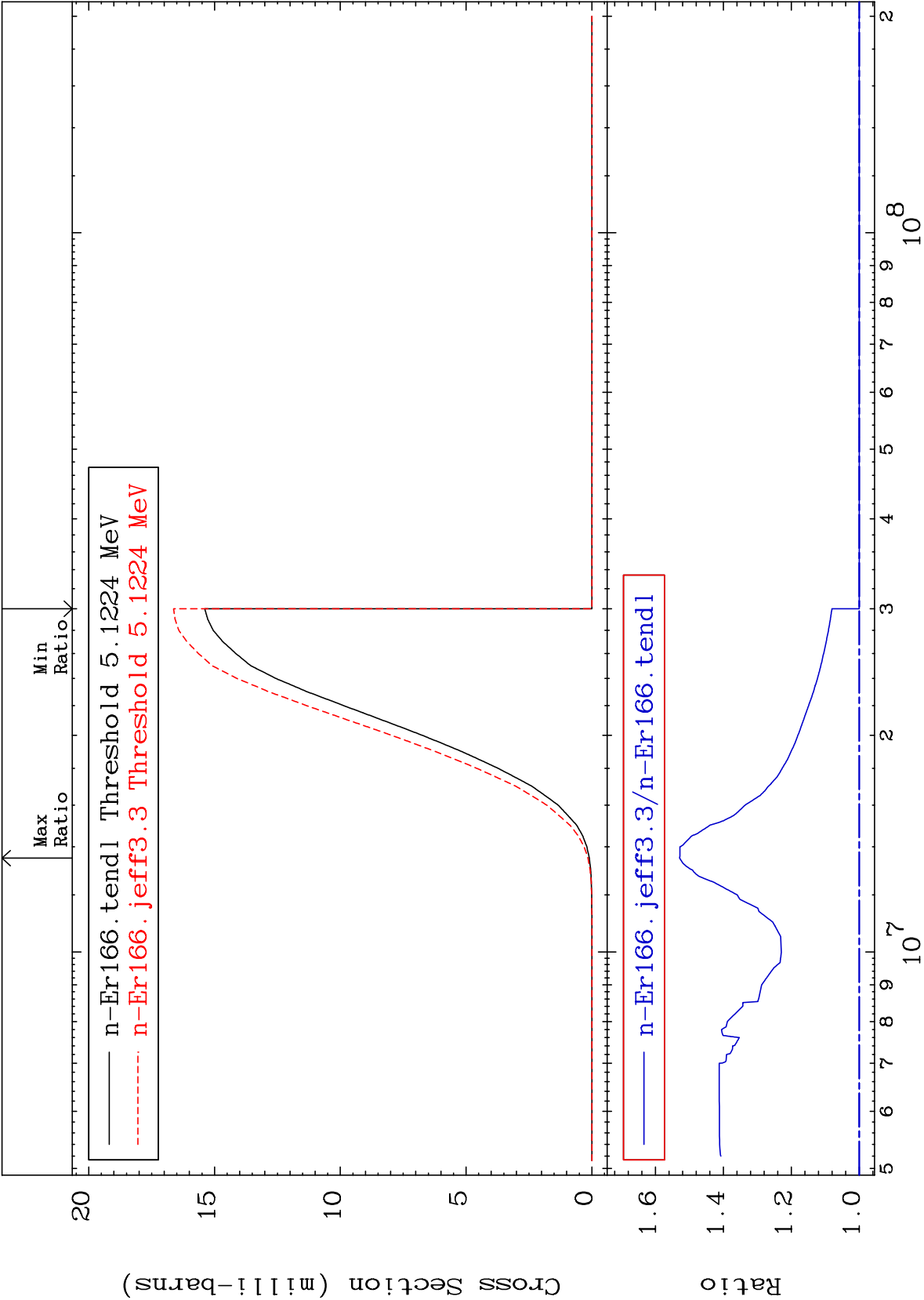
Incident Energy (eV)

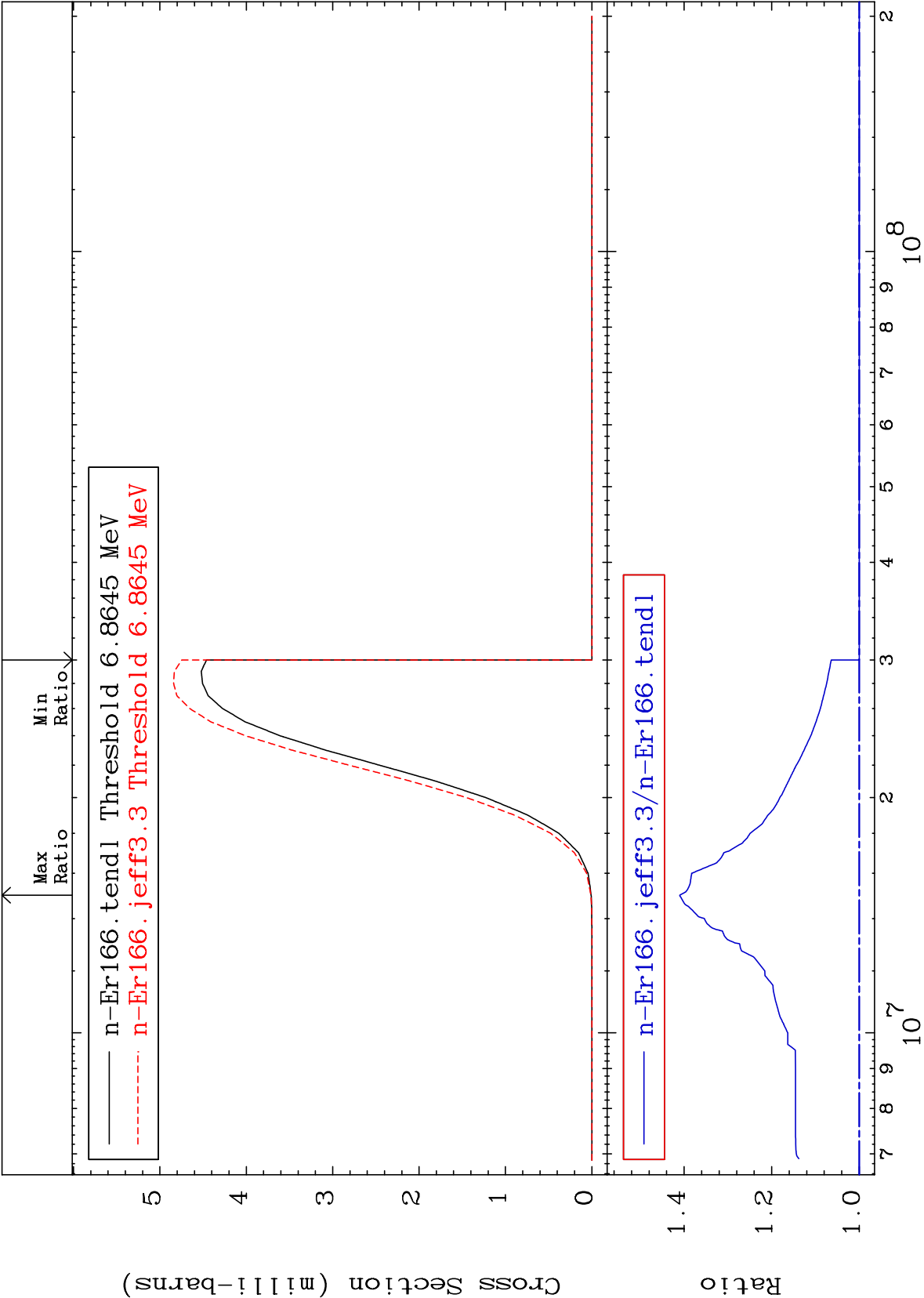
68-Er-166

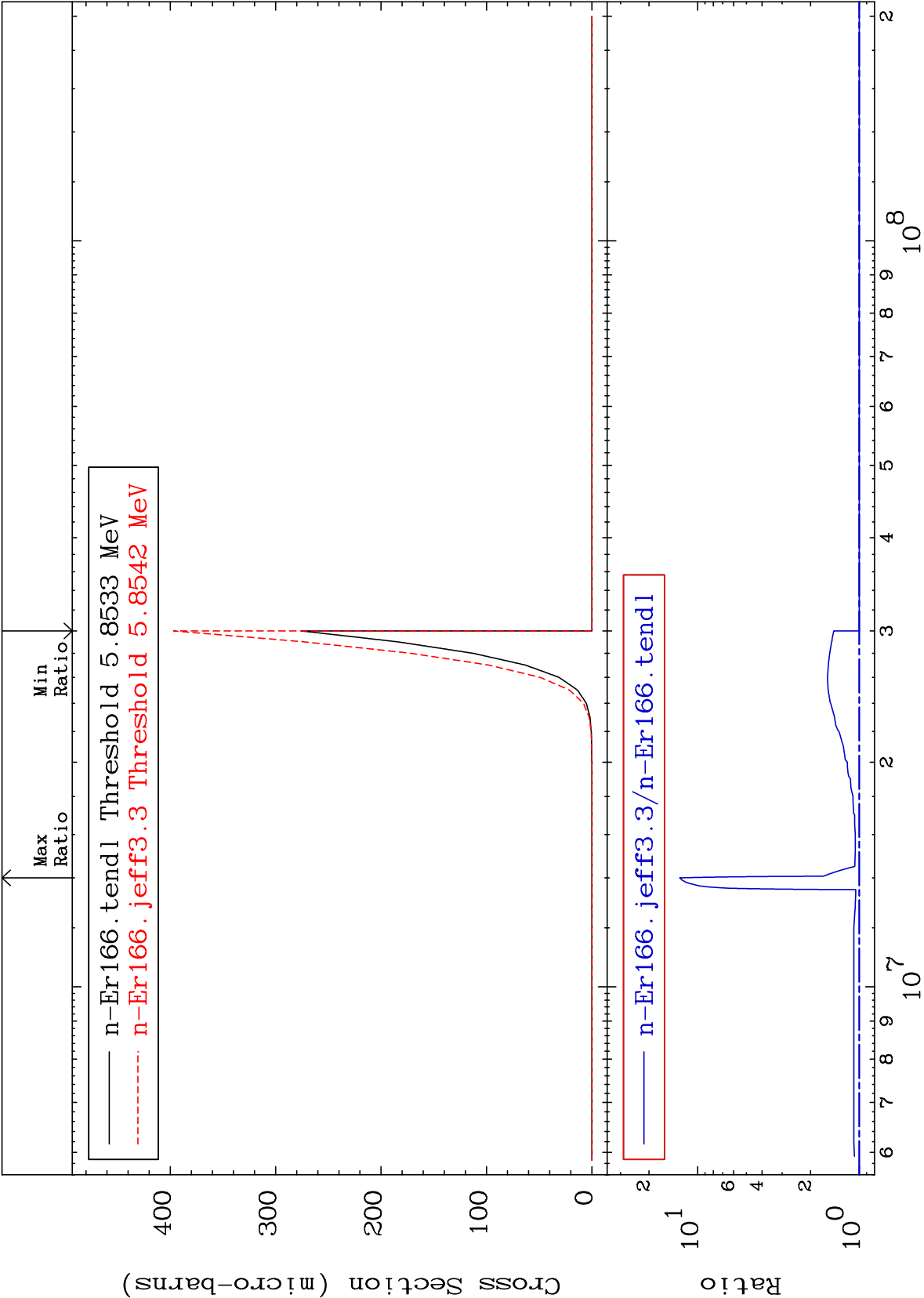












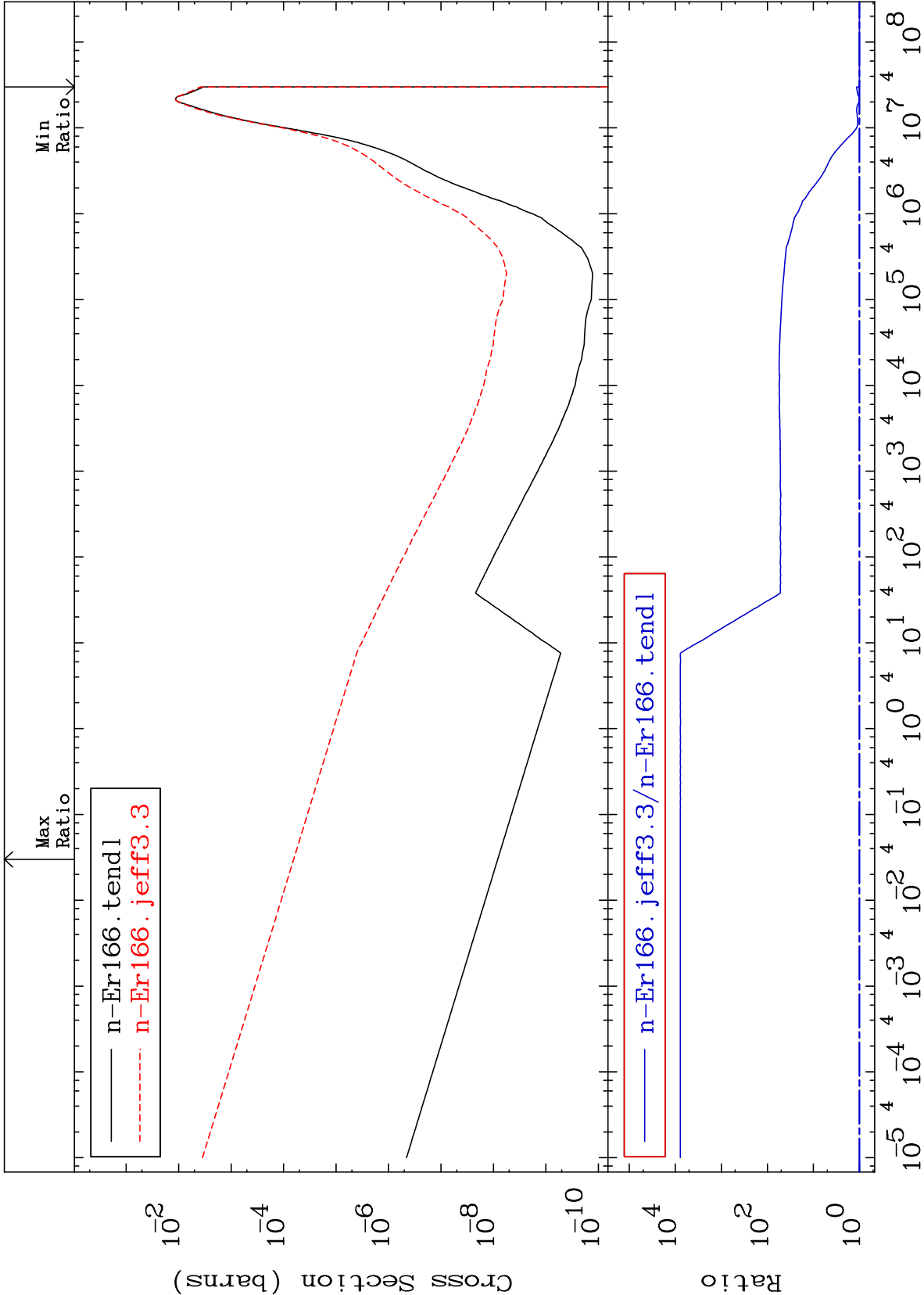
MAT 6837

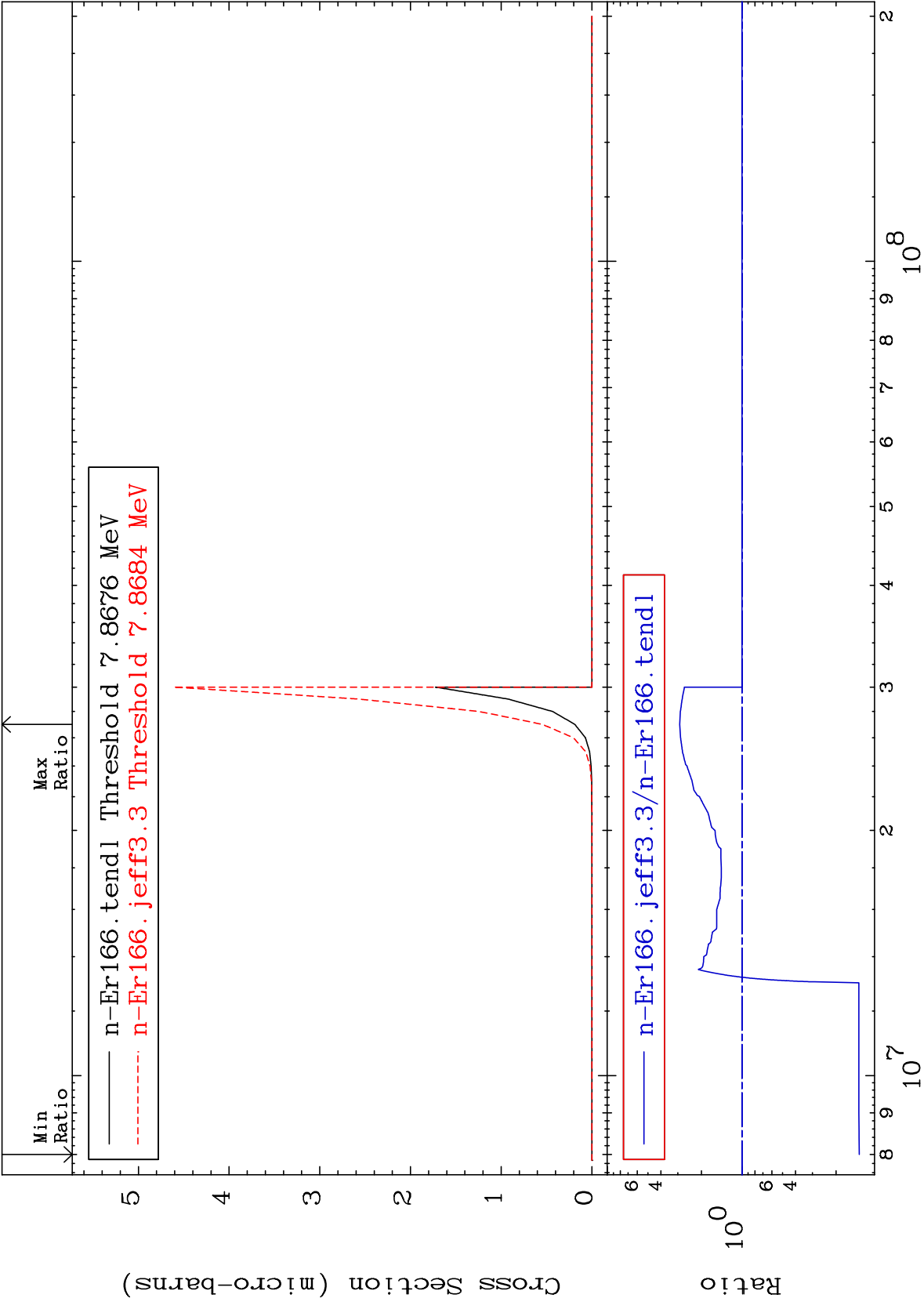
68-Er-166

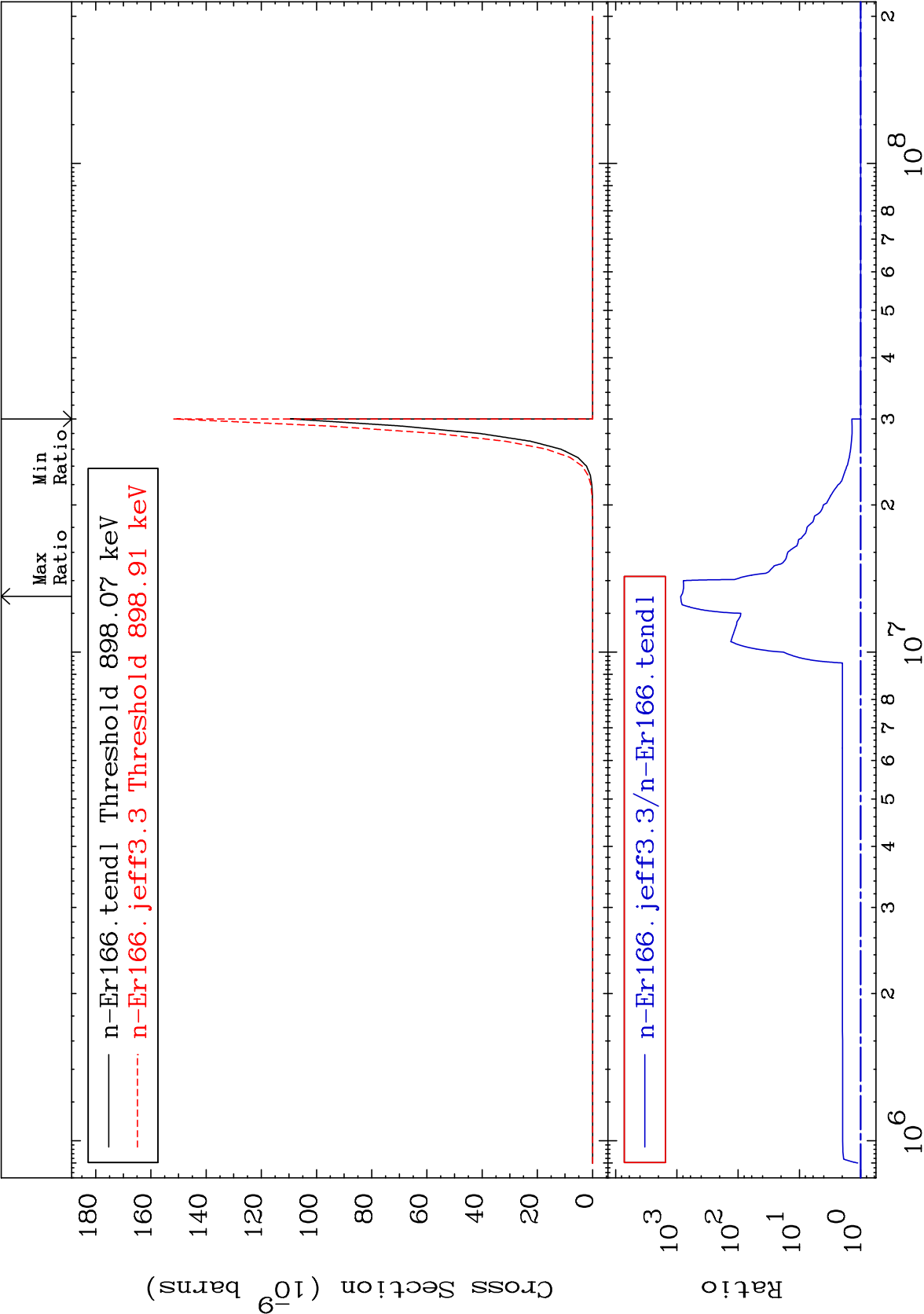
(n, α)

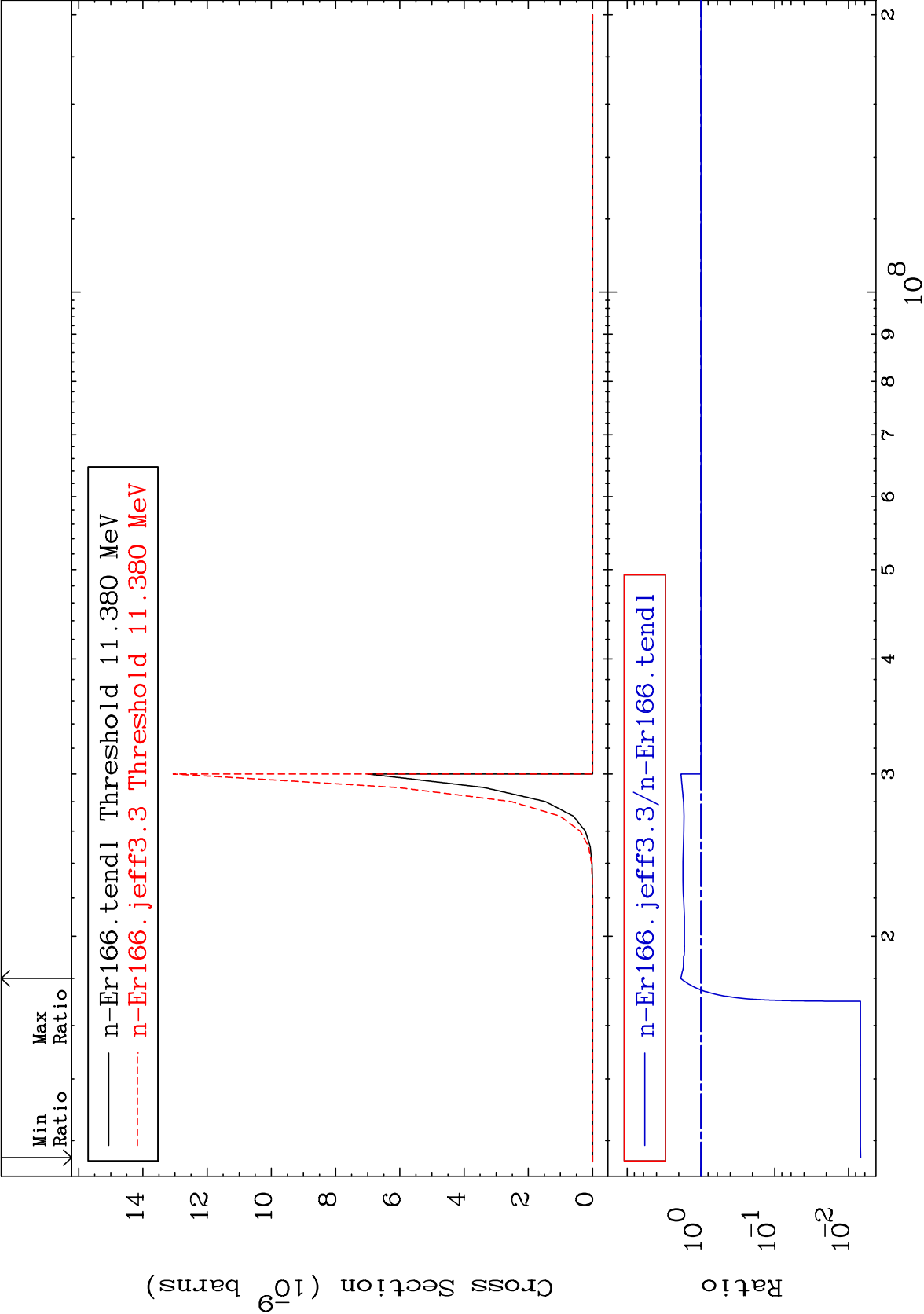
Cross Section

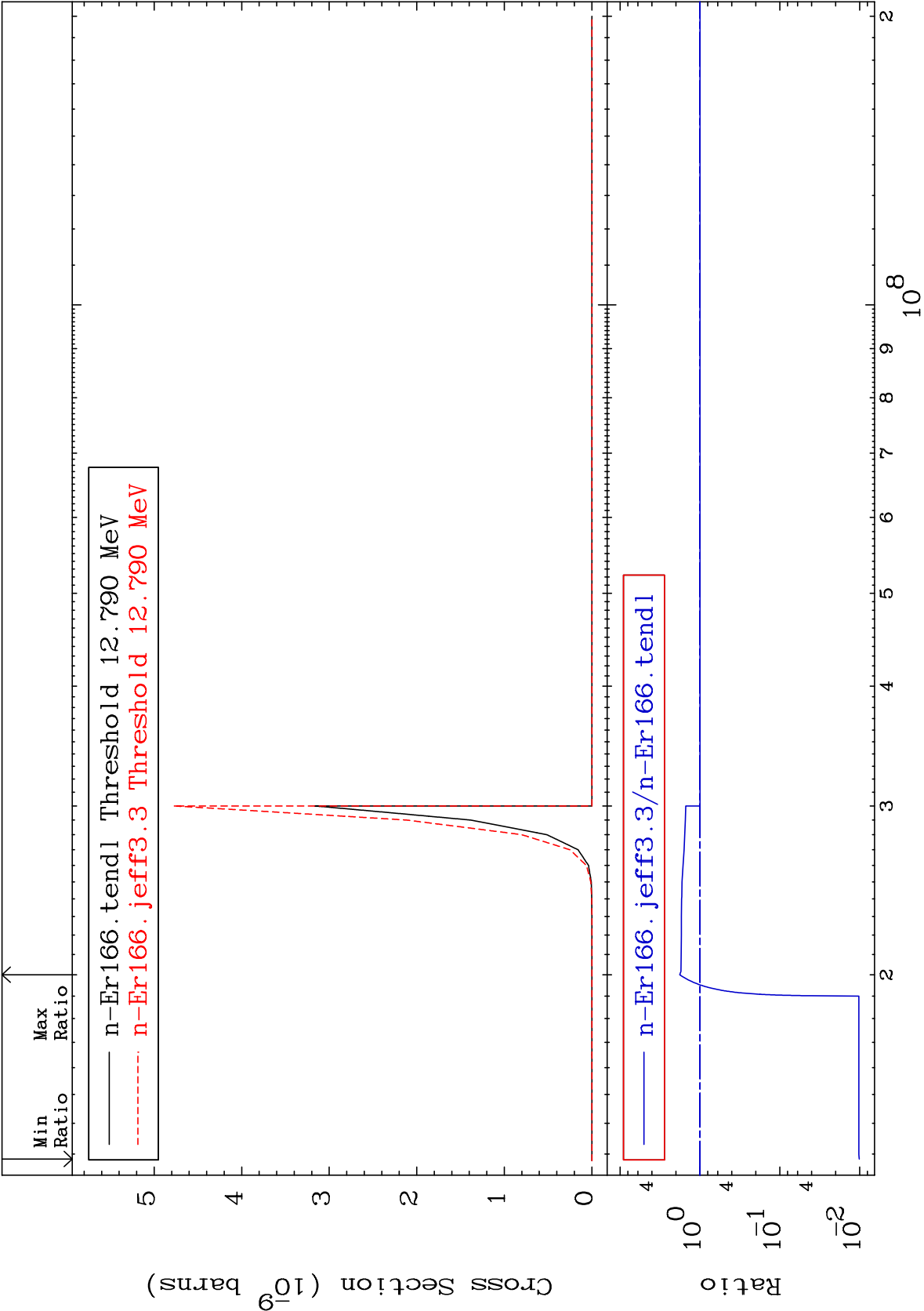
0.000 To 9999. %

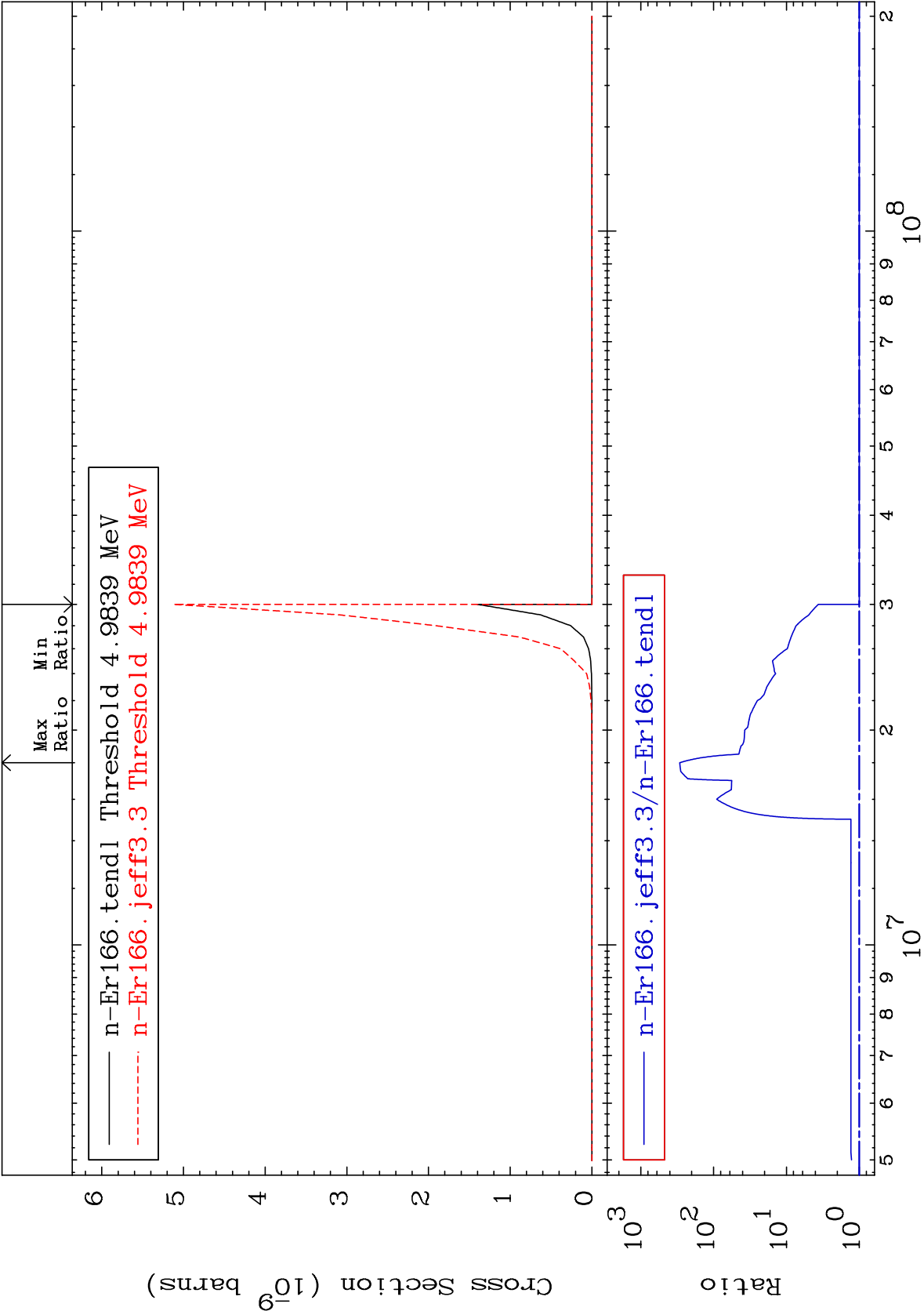








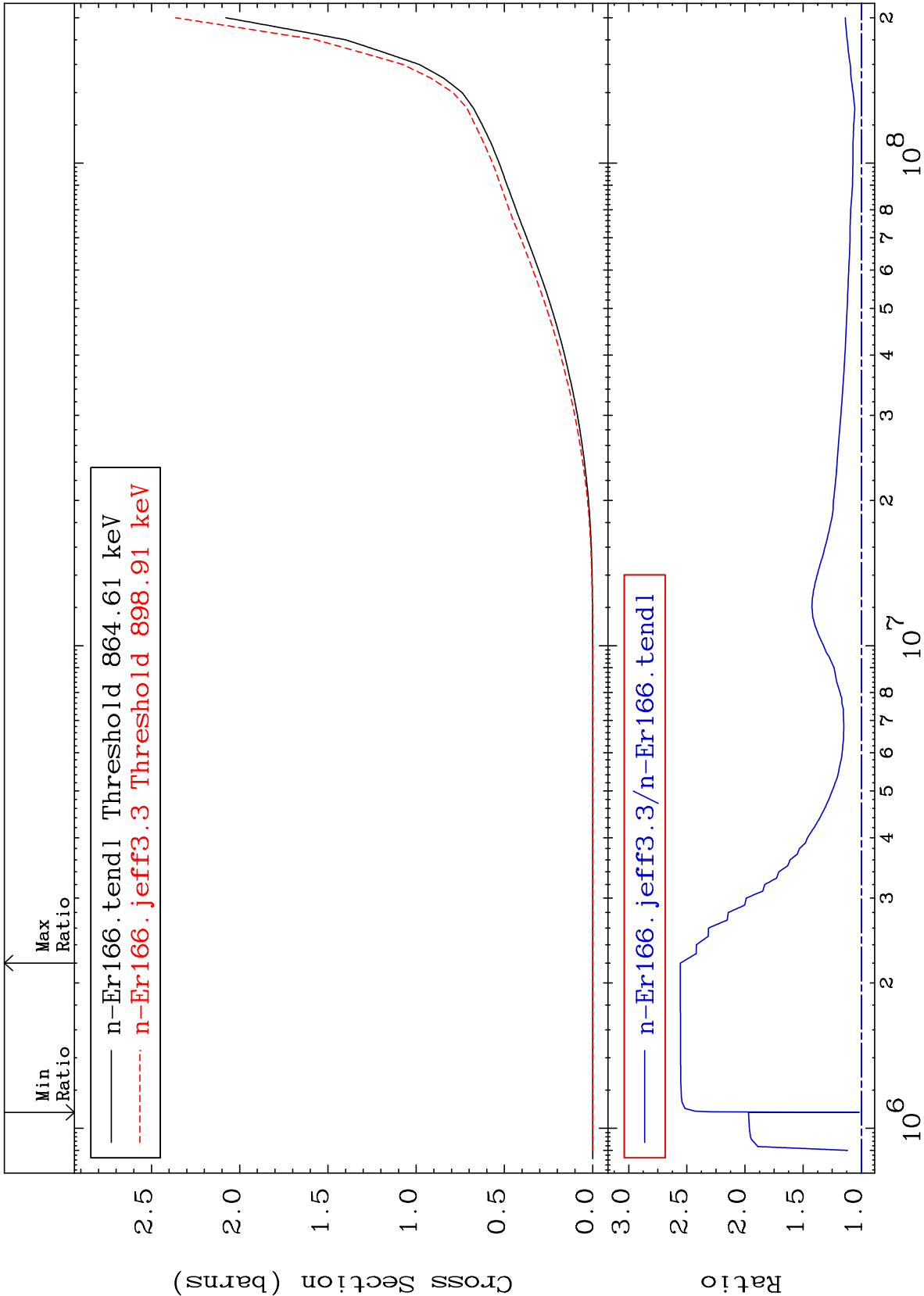




MAT 6837

Hydrogen Production
Cross Section

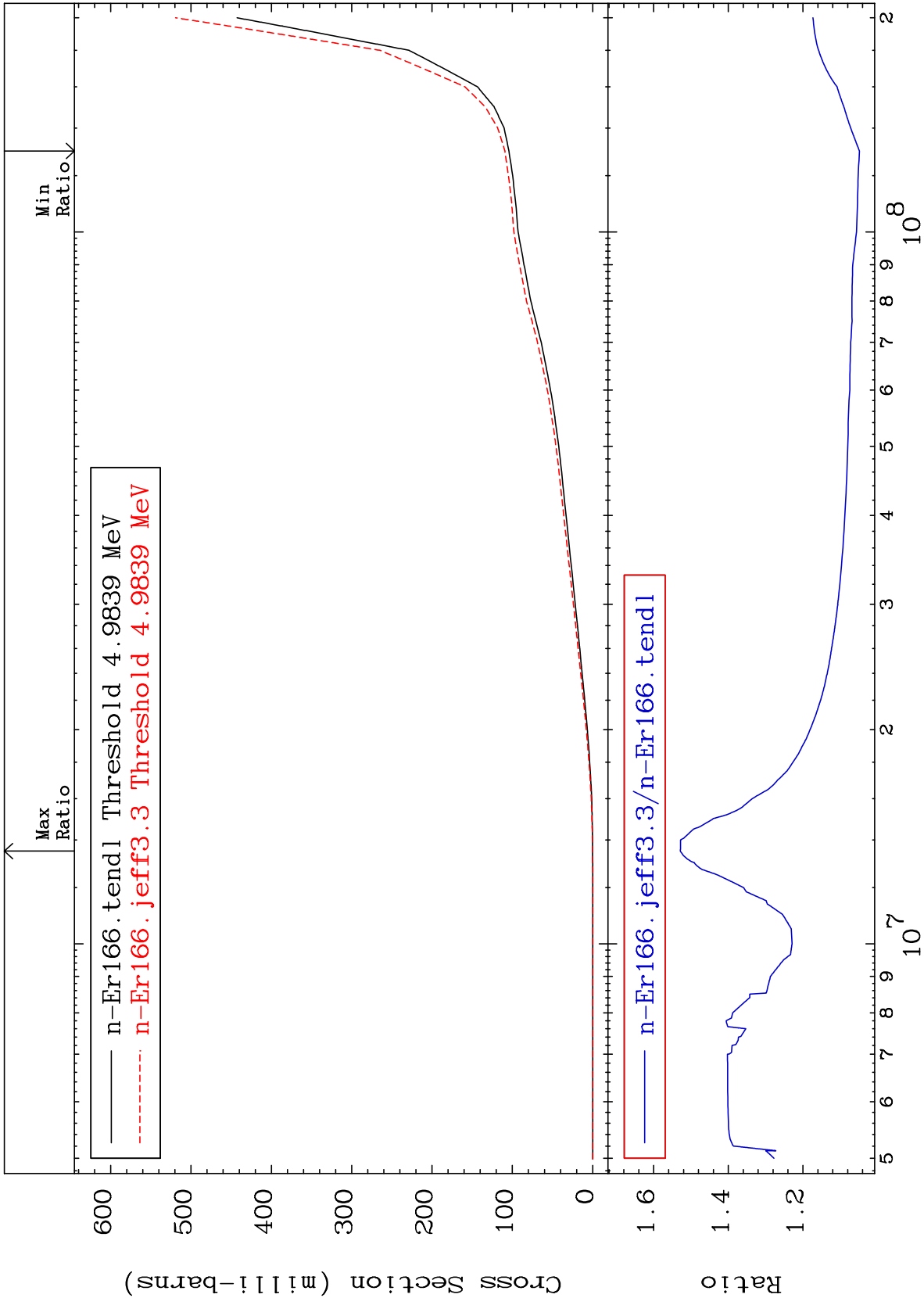
68-Er-166
1.556 To 155.6 %



MAT 6837

Deuterium Production
Cross Section

68-Er-166
4.854 To 52.86 %



65

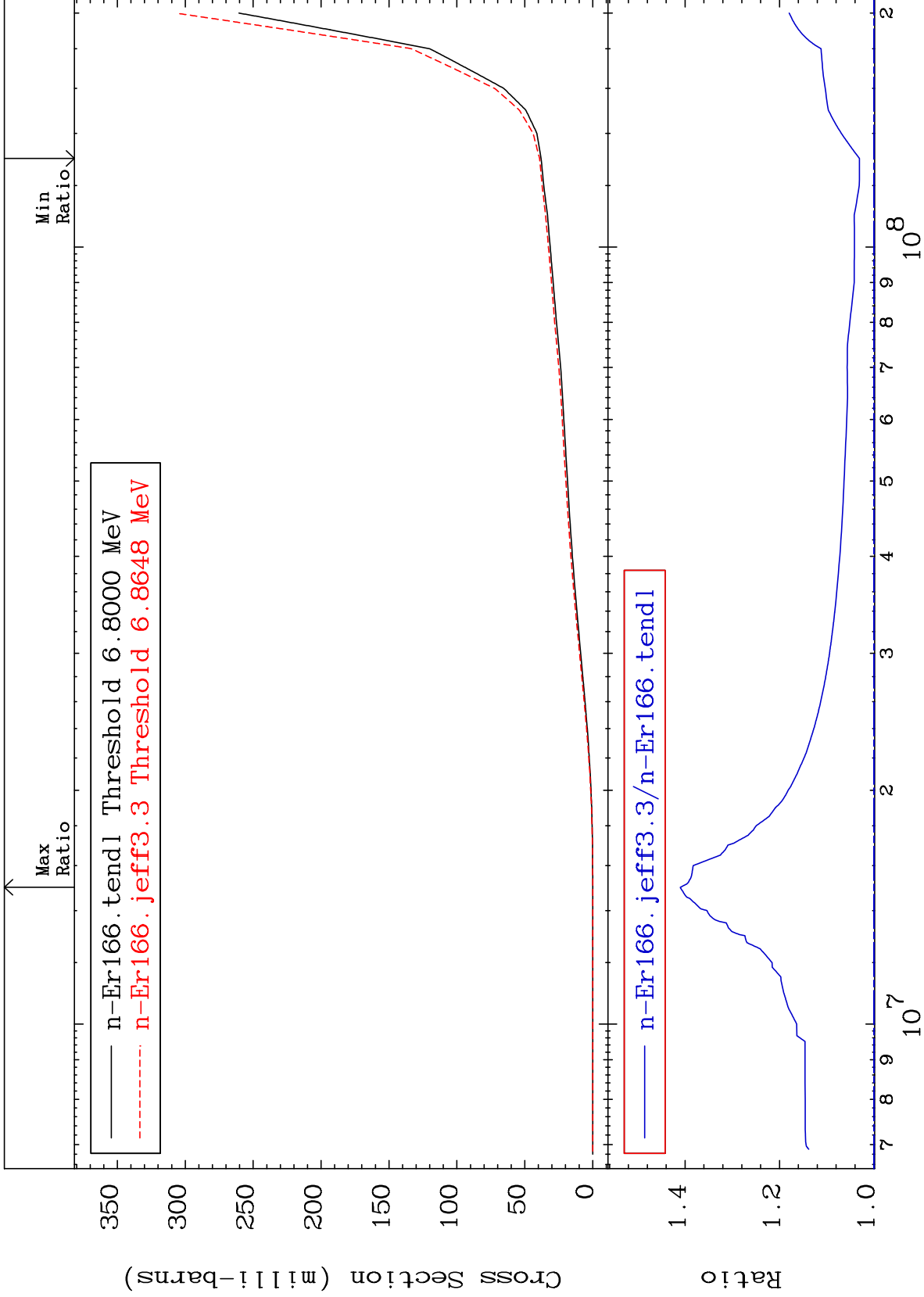
Incident Energy (eV)

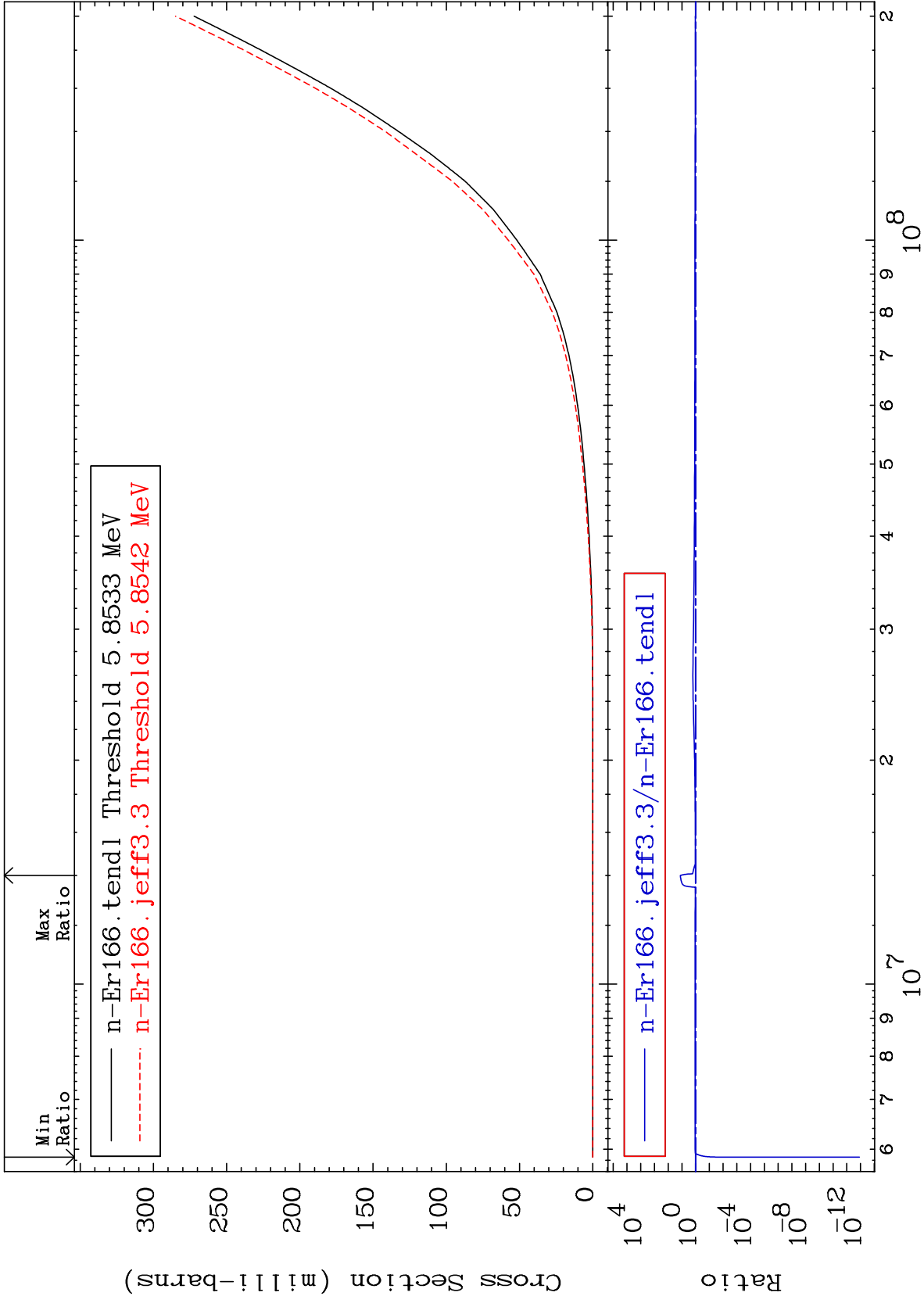
68-Er-166

MAT 6837

Tritium Production
Cross Section

68-Er-166
3.066 To 41.00 %

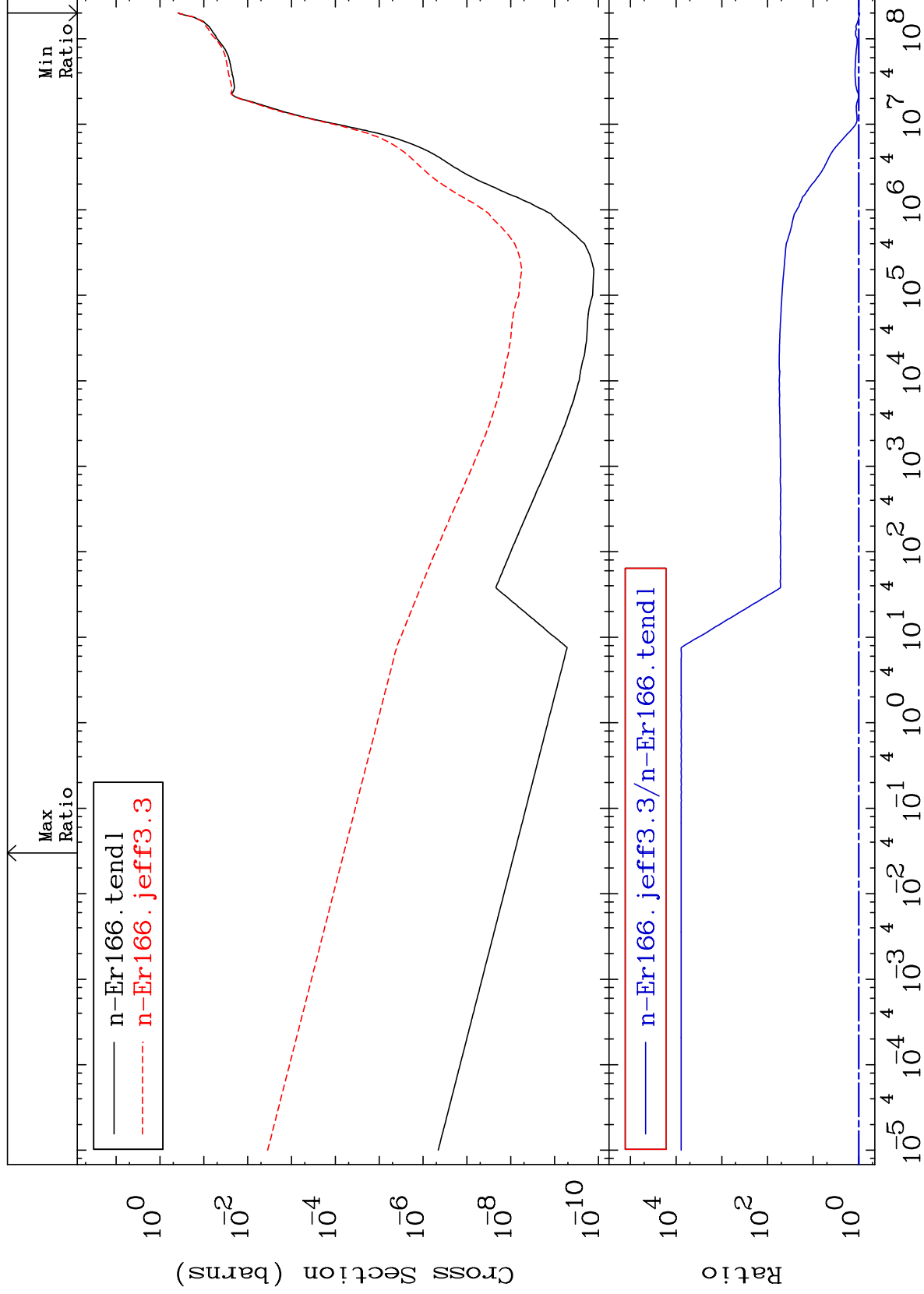




MAT 6837

He-4 Production
Cross Section

68-Er-166
-3.920 To 9999. %



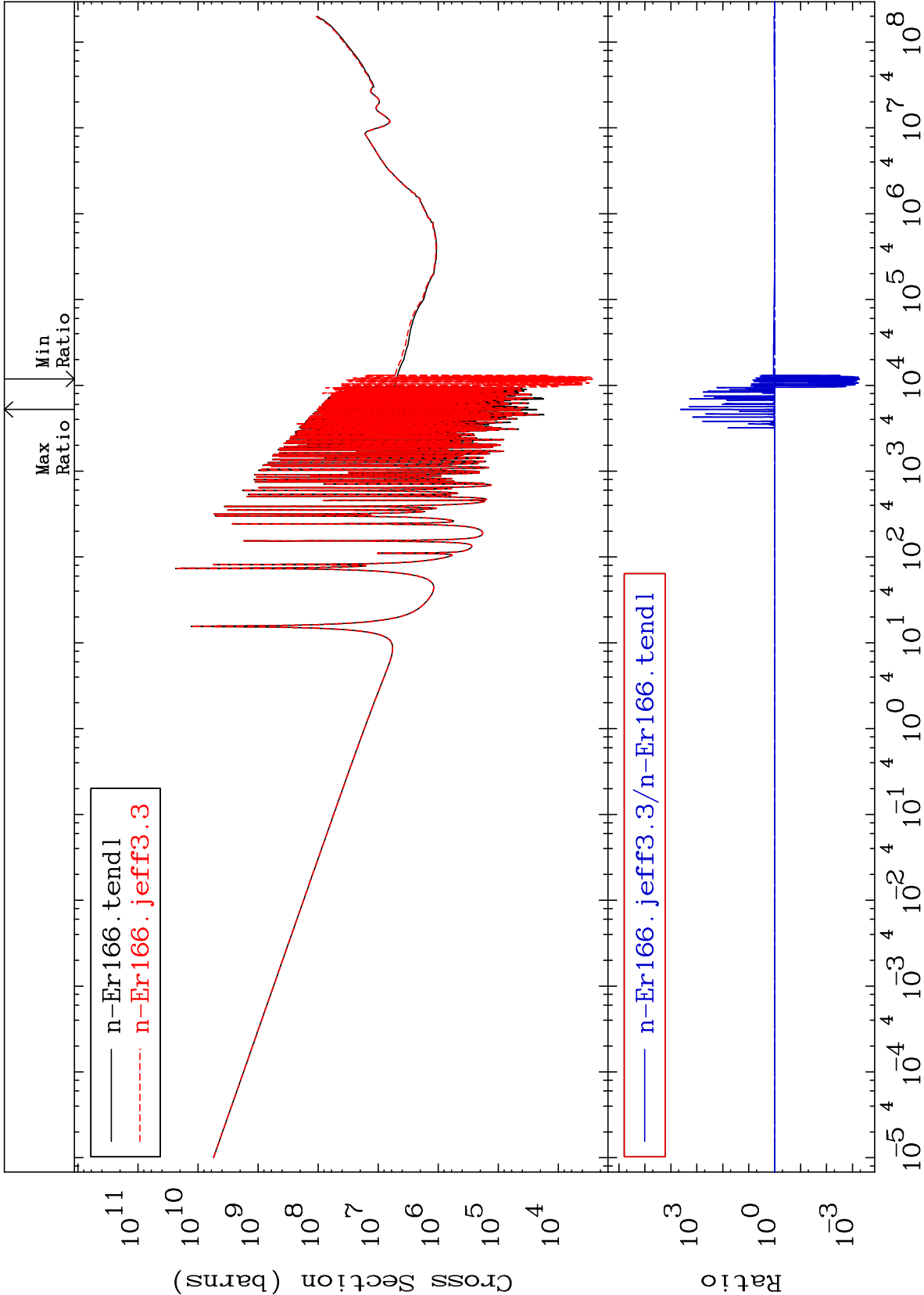
68

Incident Energy (eV)

68-Er-166

Cross Section

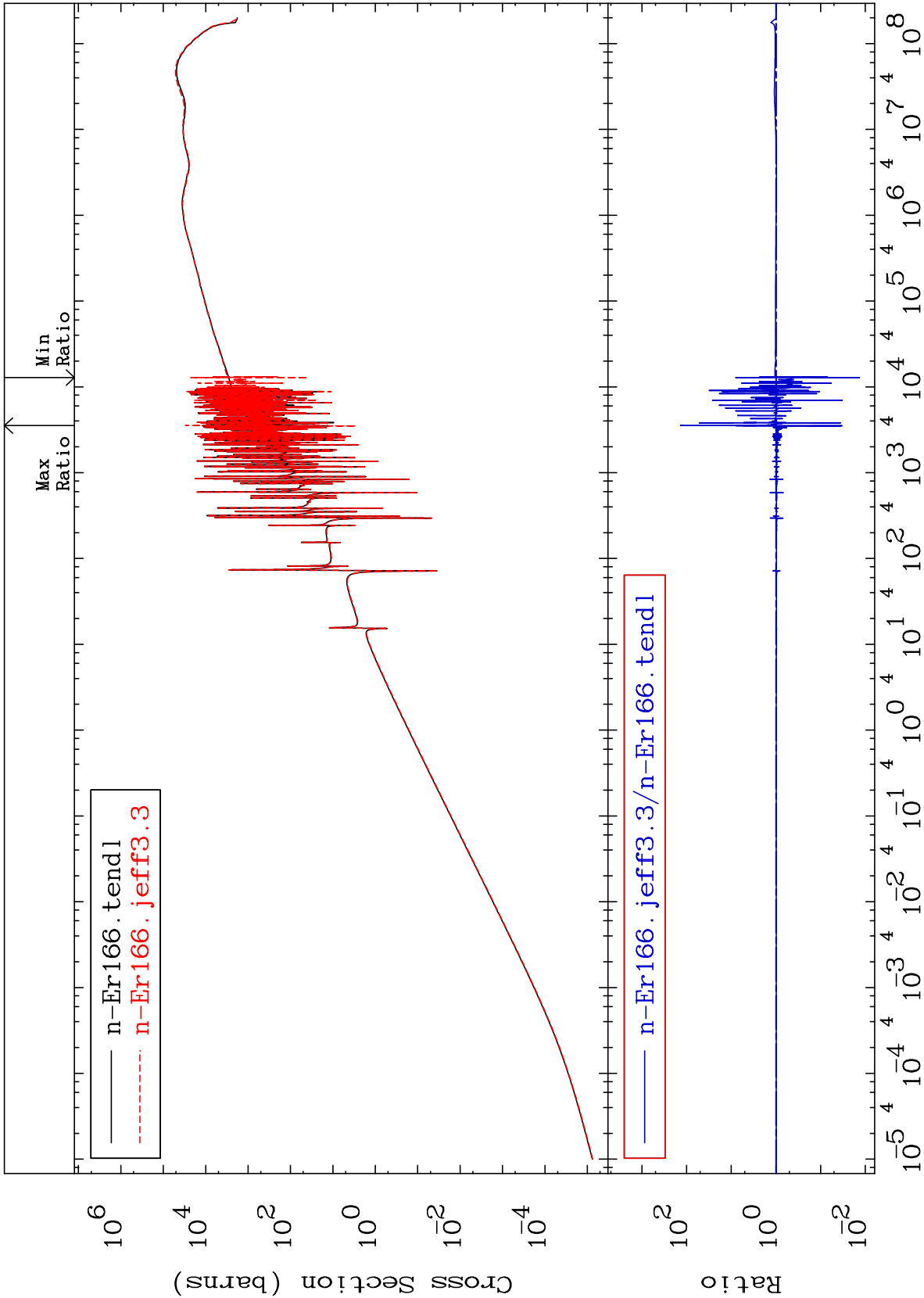
-99.95 To 9999. %



MAT 6837

Kerma elastic
Cross Section

68-Er-166
-98.65 To 9999. %



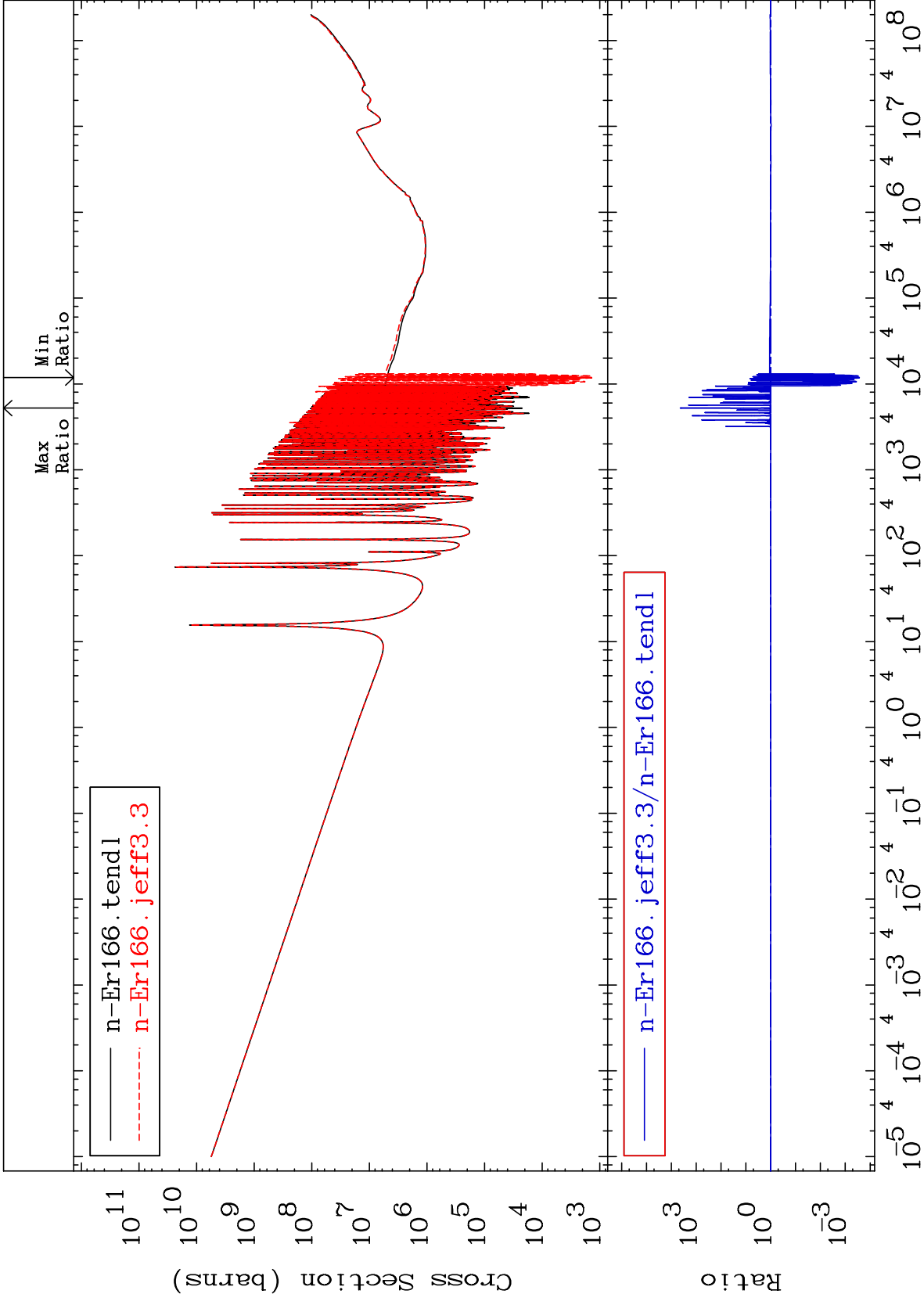
70

Incident Energy (eV)

68-Er-166

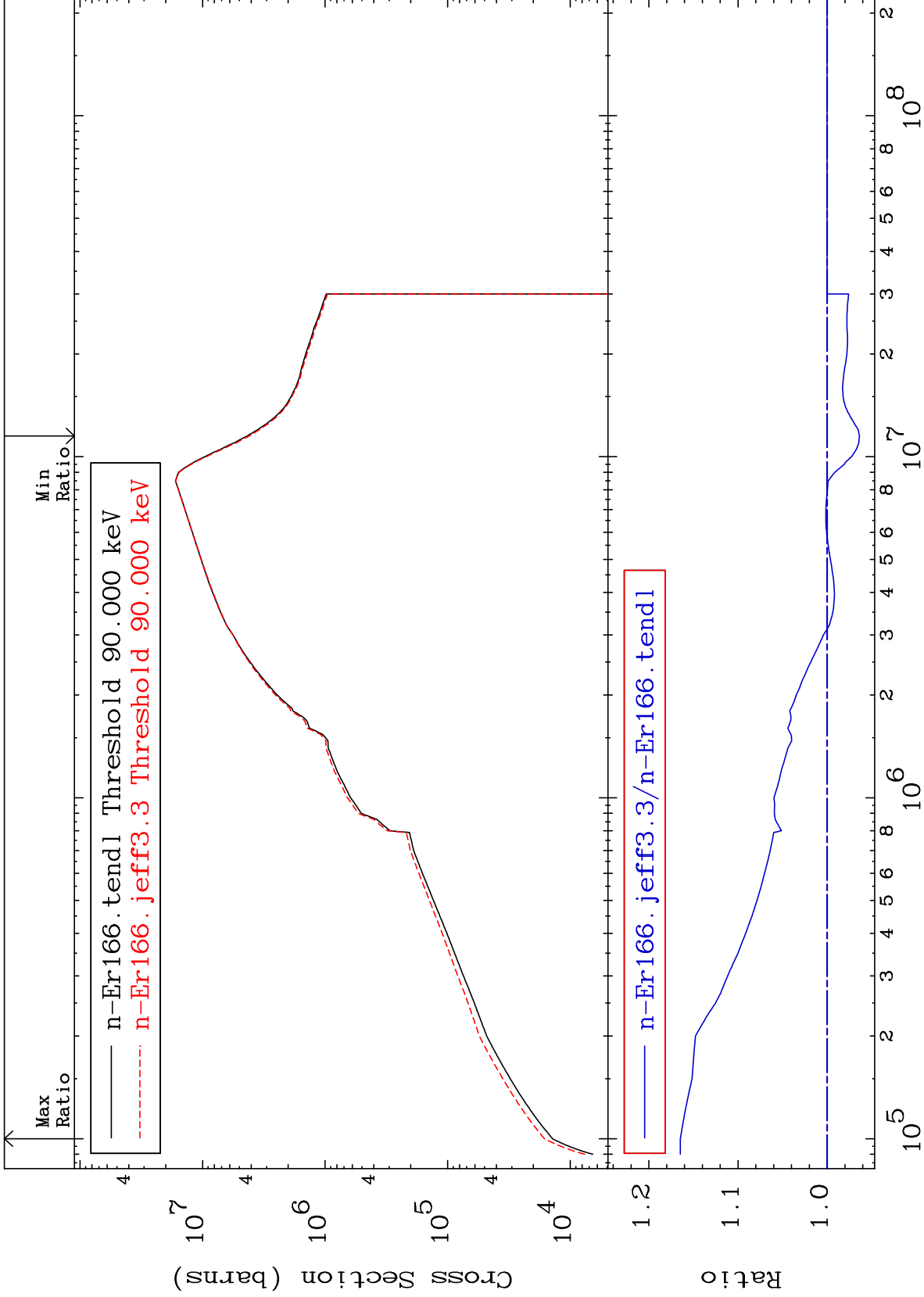
Cross Section

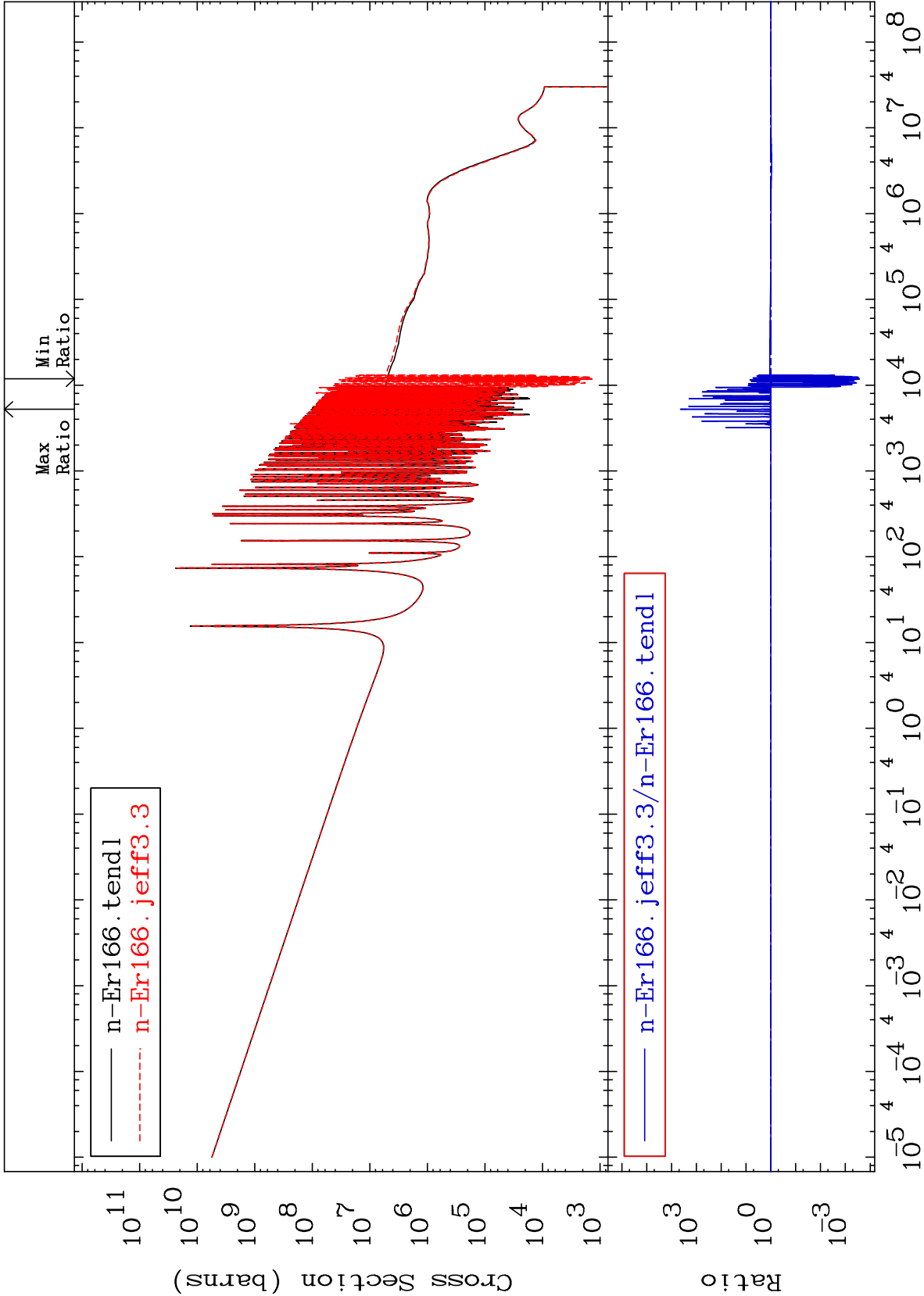
-99.97 To 9999. %



Cross Section

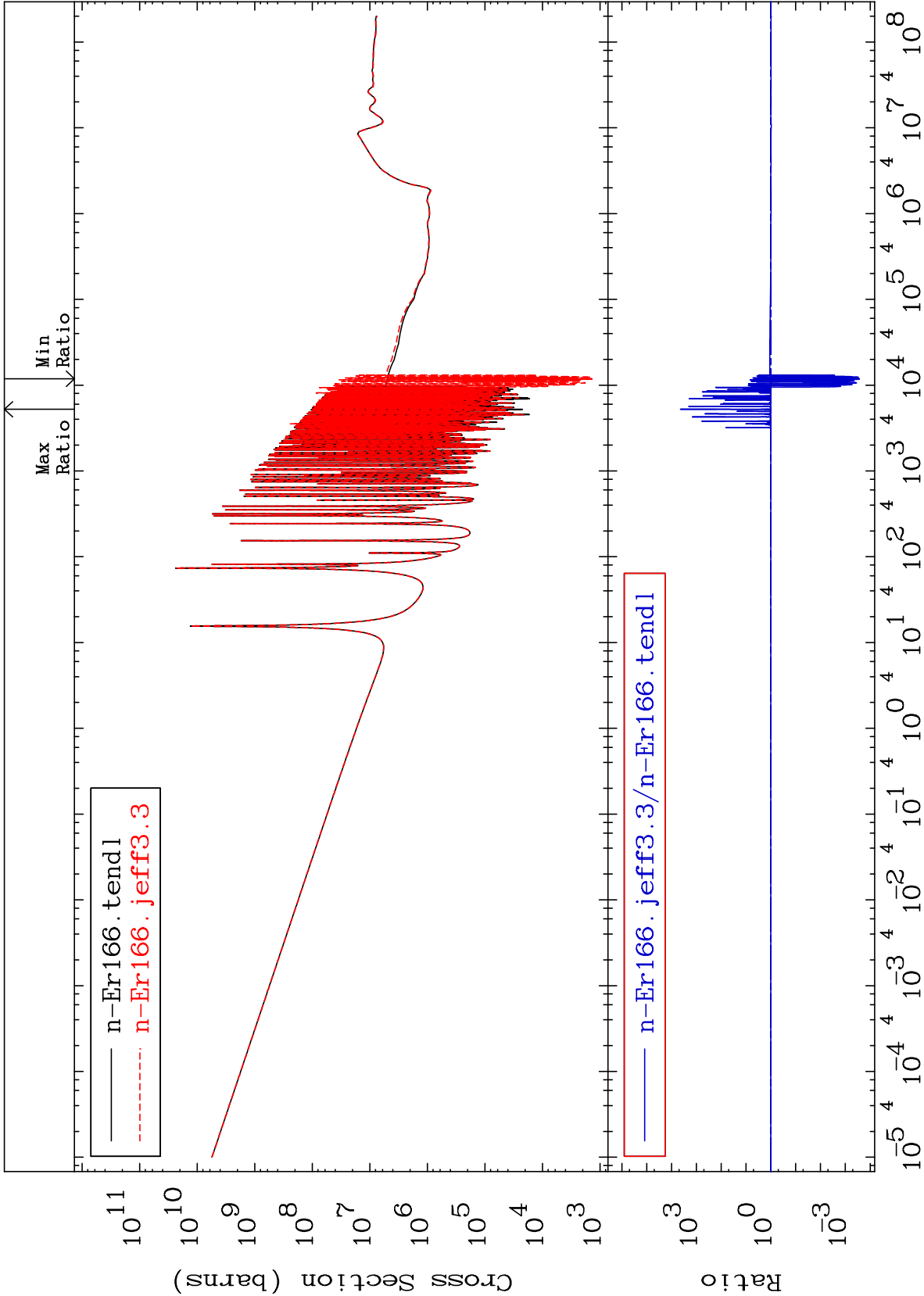
-3.619 To 16.47 %





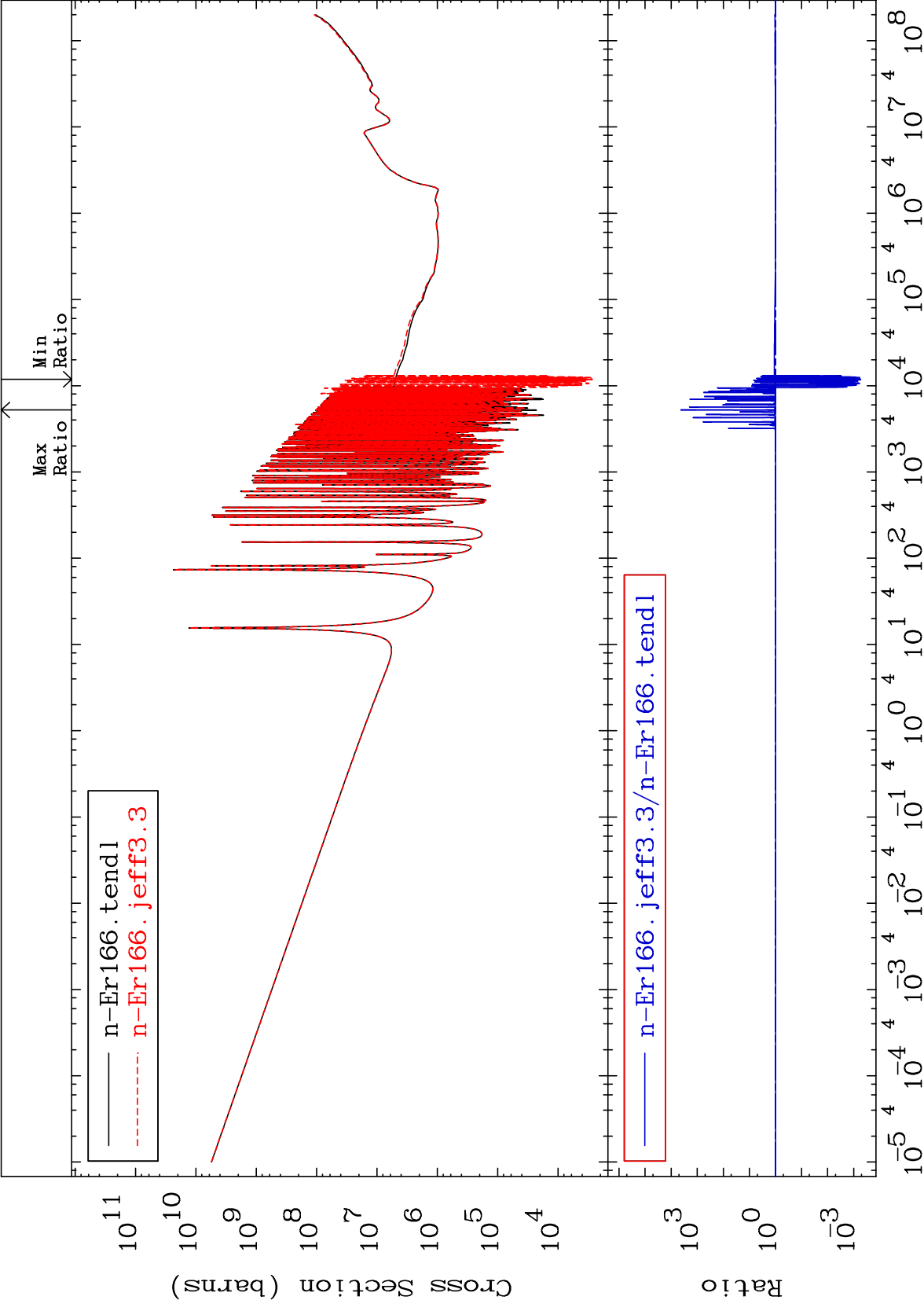
Cross Section

-99.97 To 9999. %



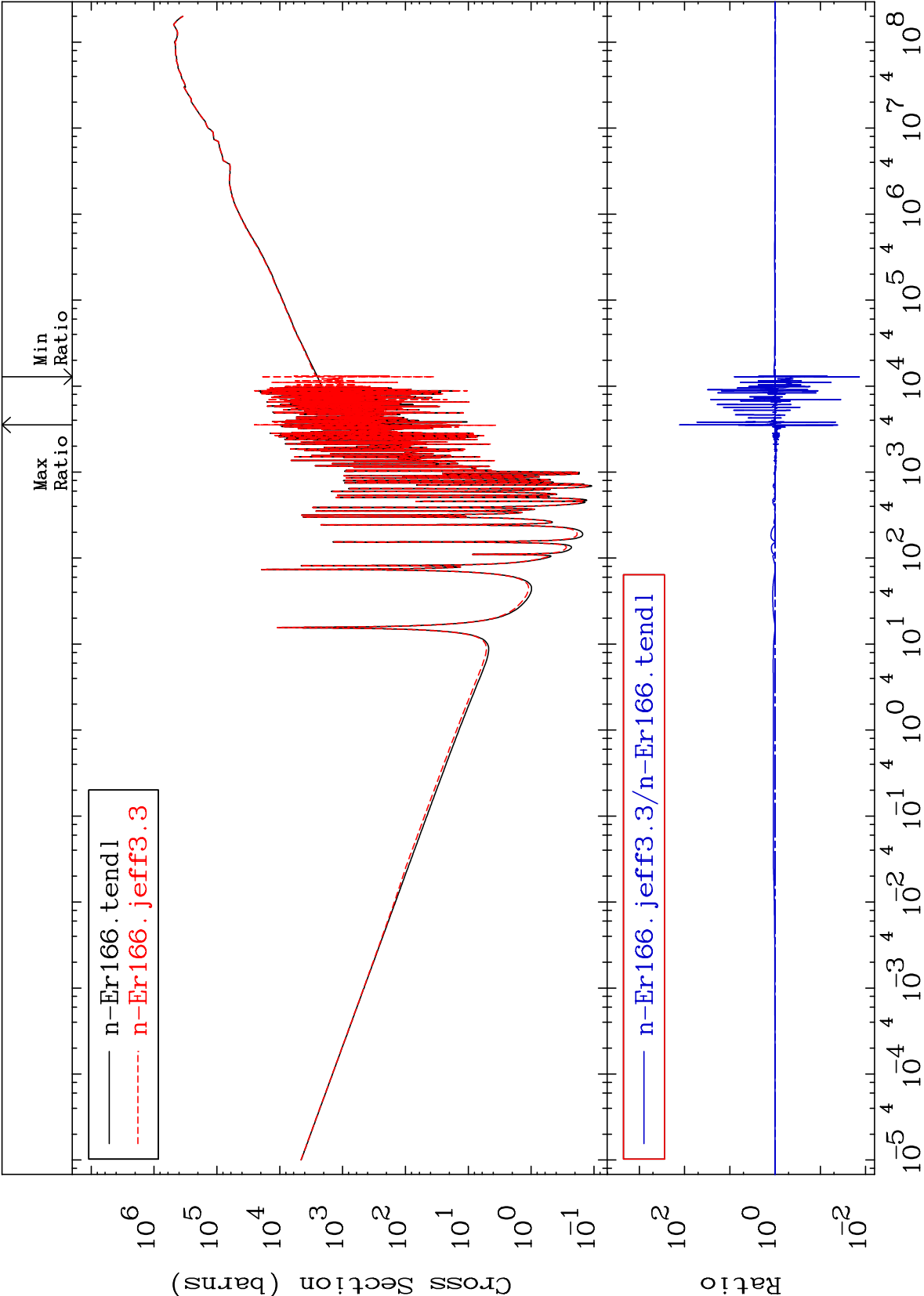
Cross Section

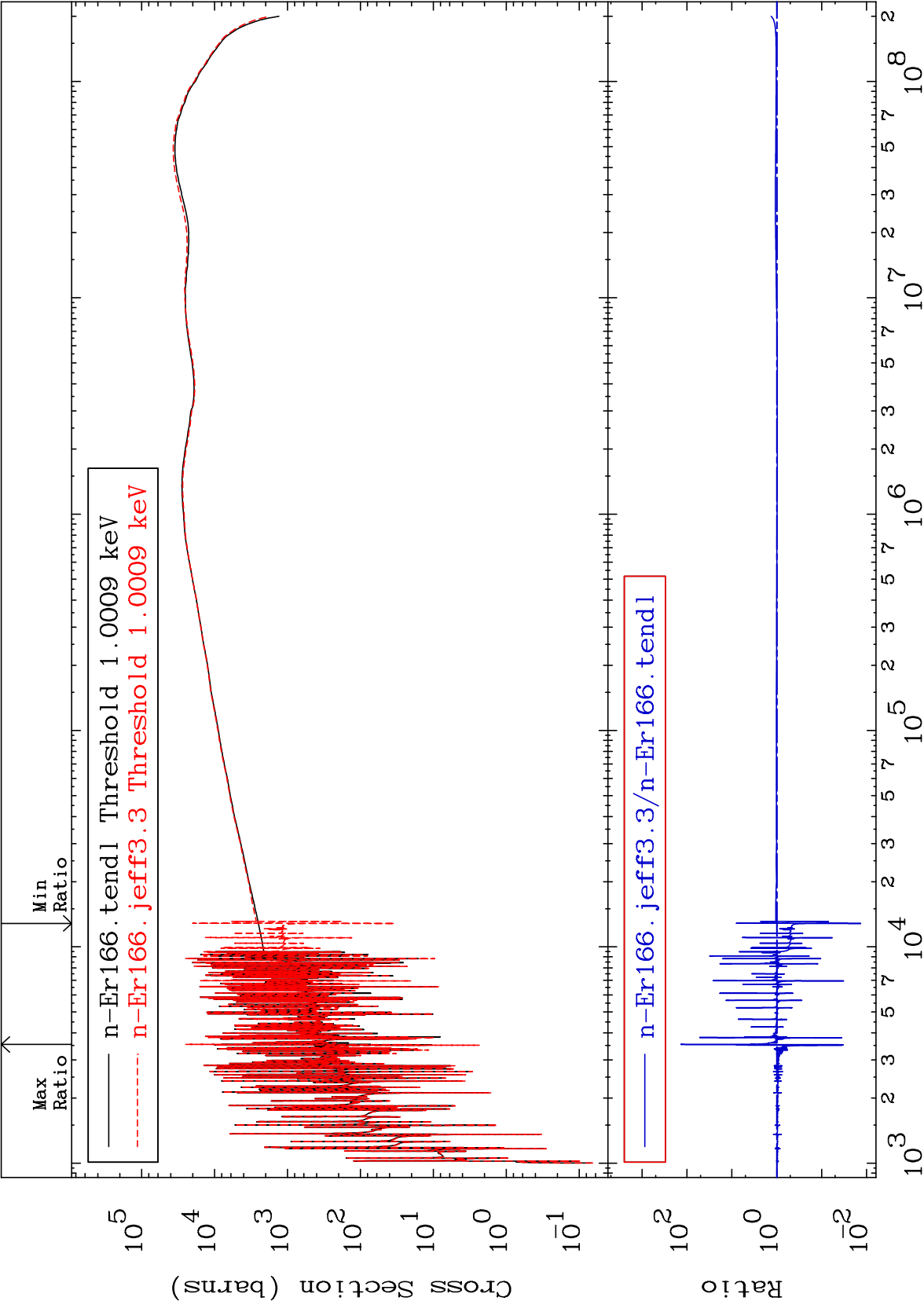
-99.95 To 9999. %



Cross Section

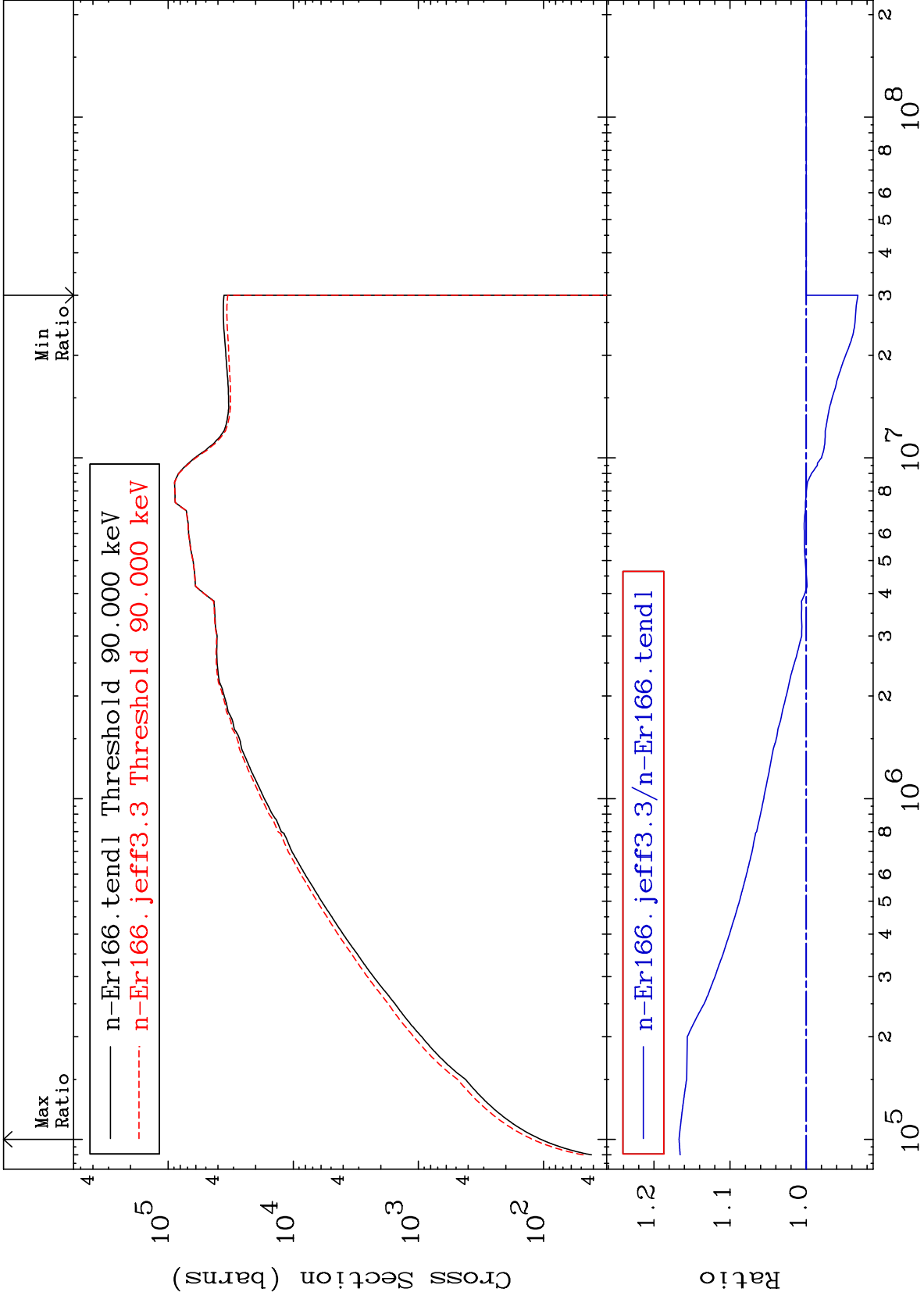
-98.62 To 9999. %





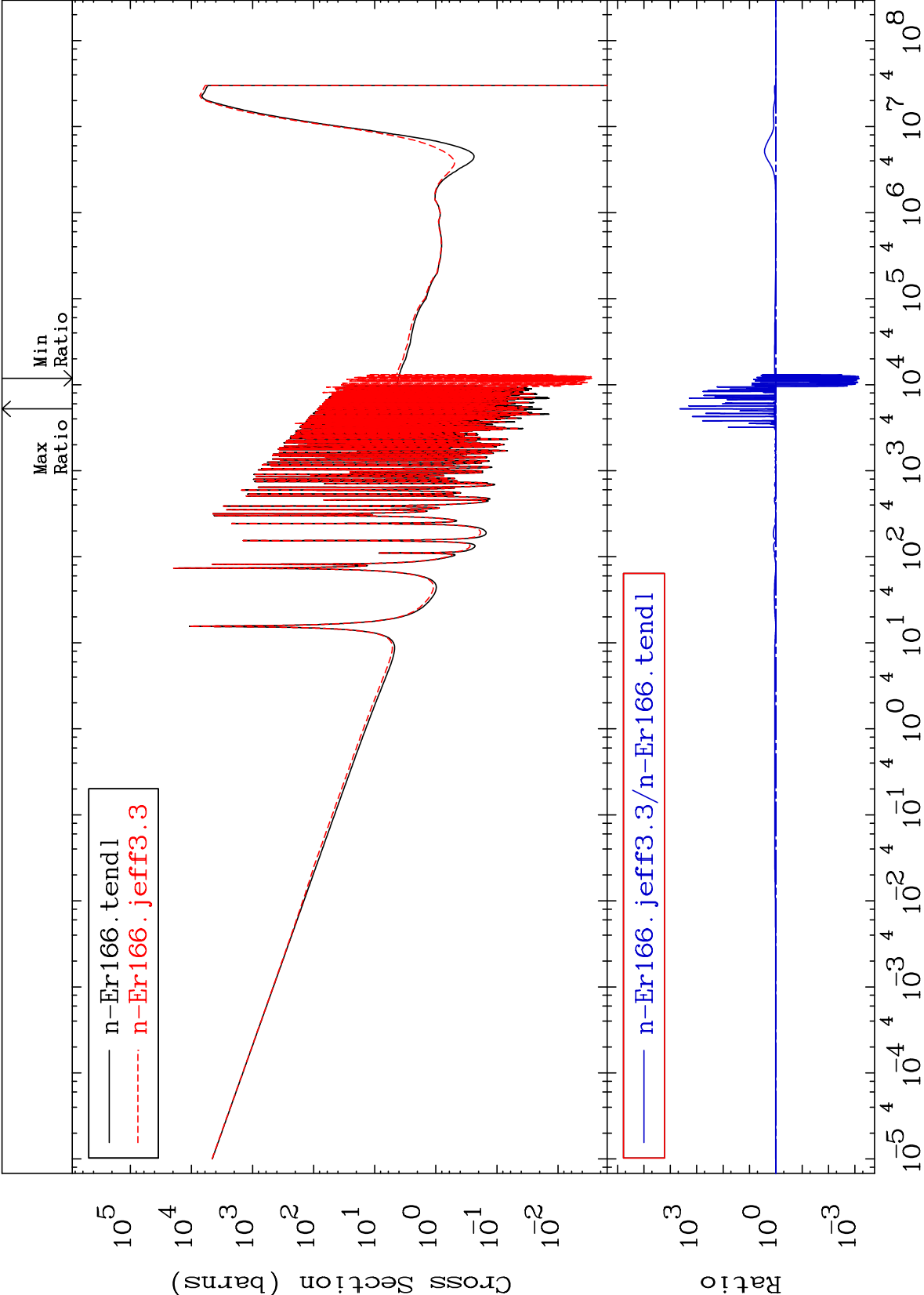
Cross Section

-6.789 To 16.71 %



Cross Section

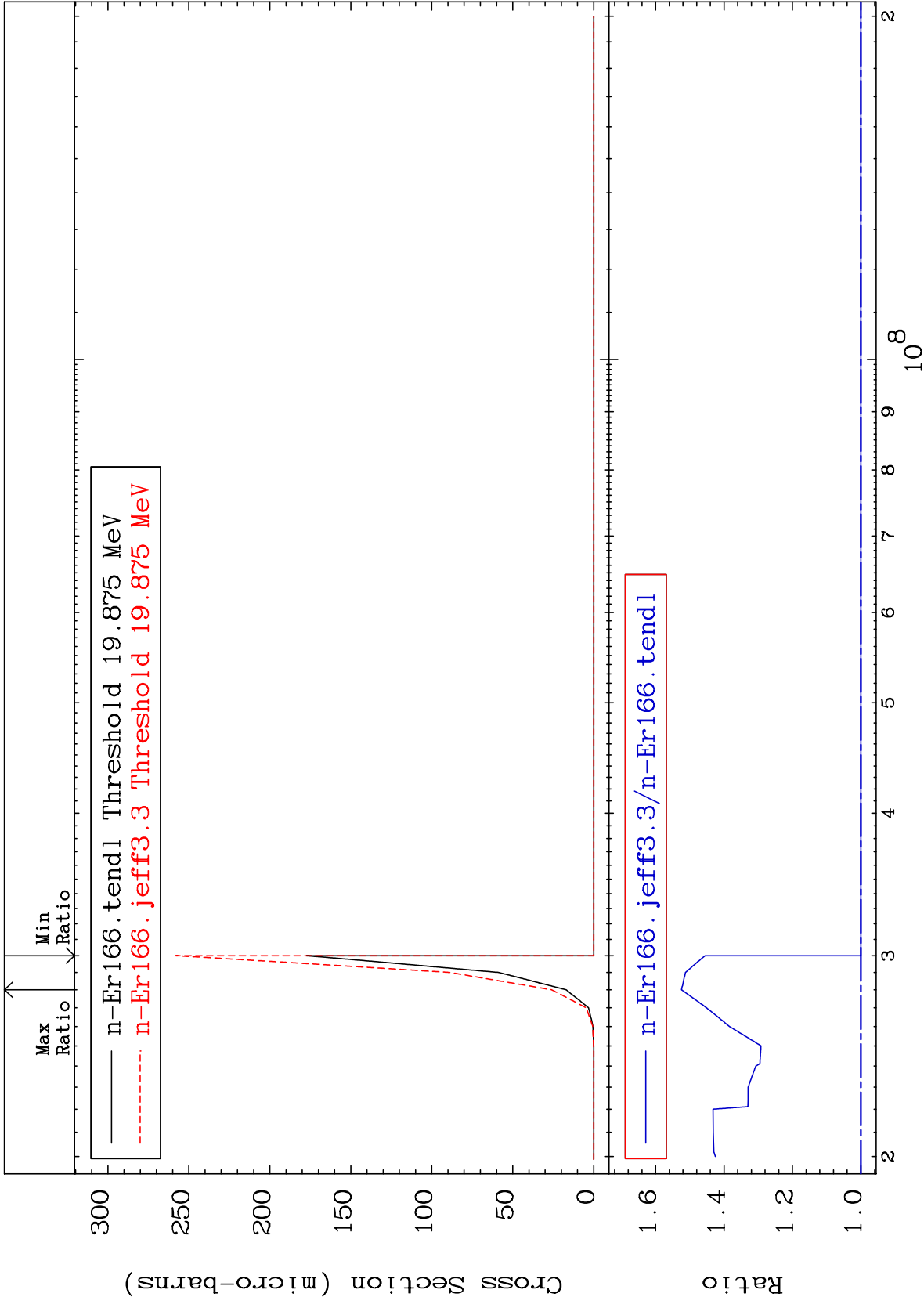
-99.93 To 9999. %



Radionuclide Production Cross Section

0.000

To 52.43 %



MAT 6837

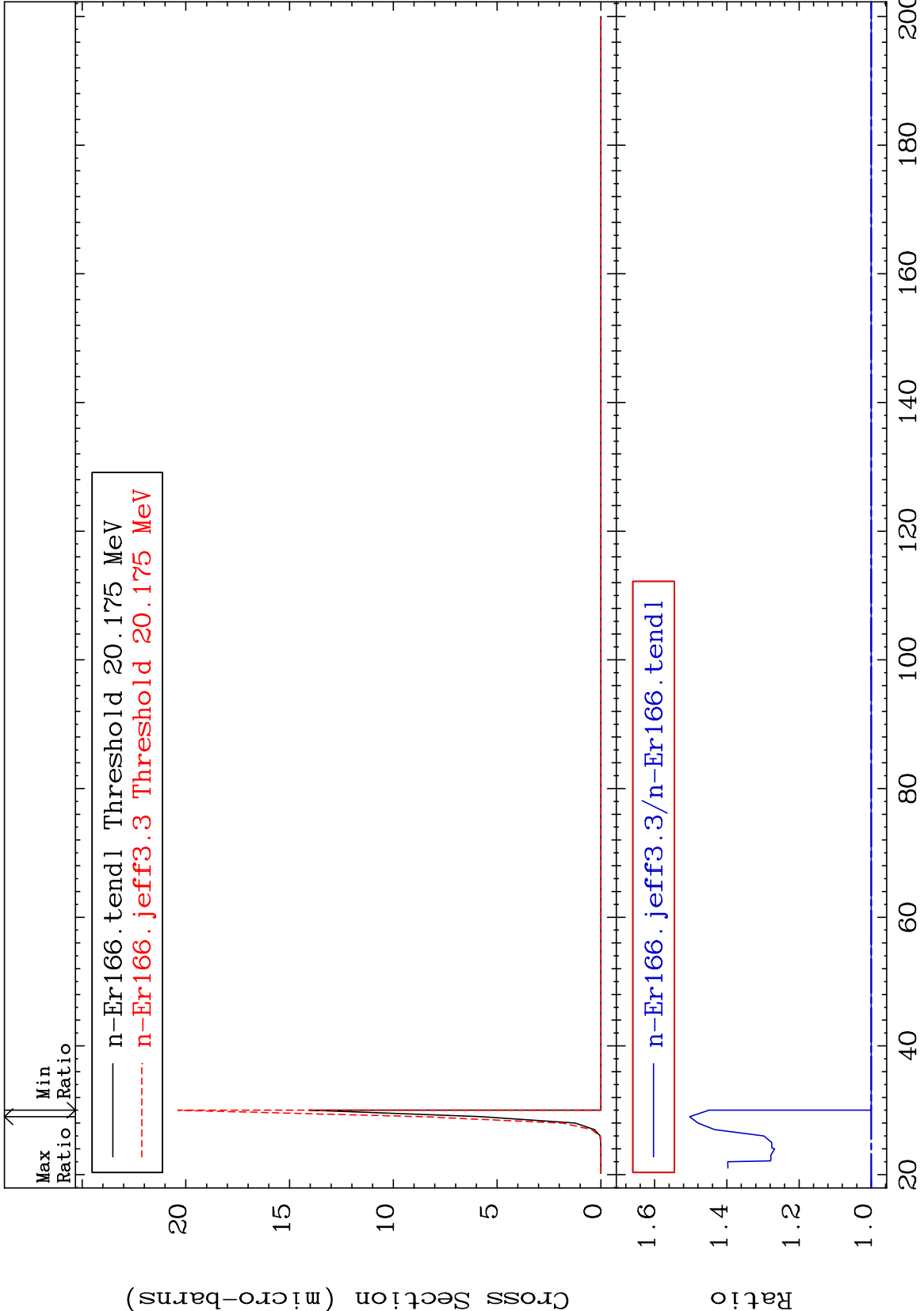
(n,2n) d:67-Ho-163m3

68-Er-166

Radionuclide Production Cross Section

0.000

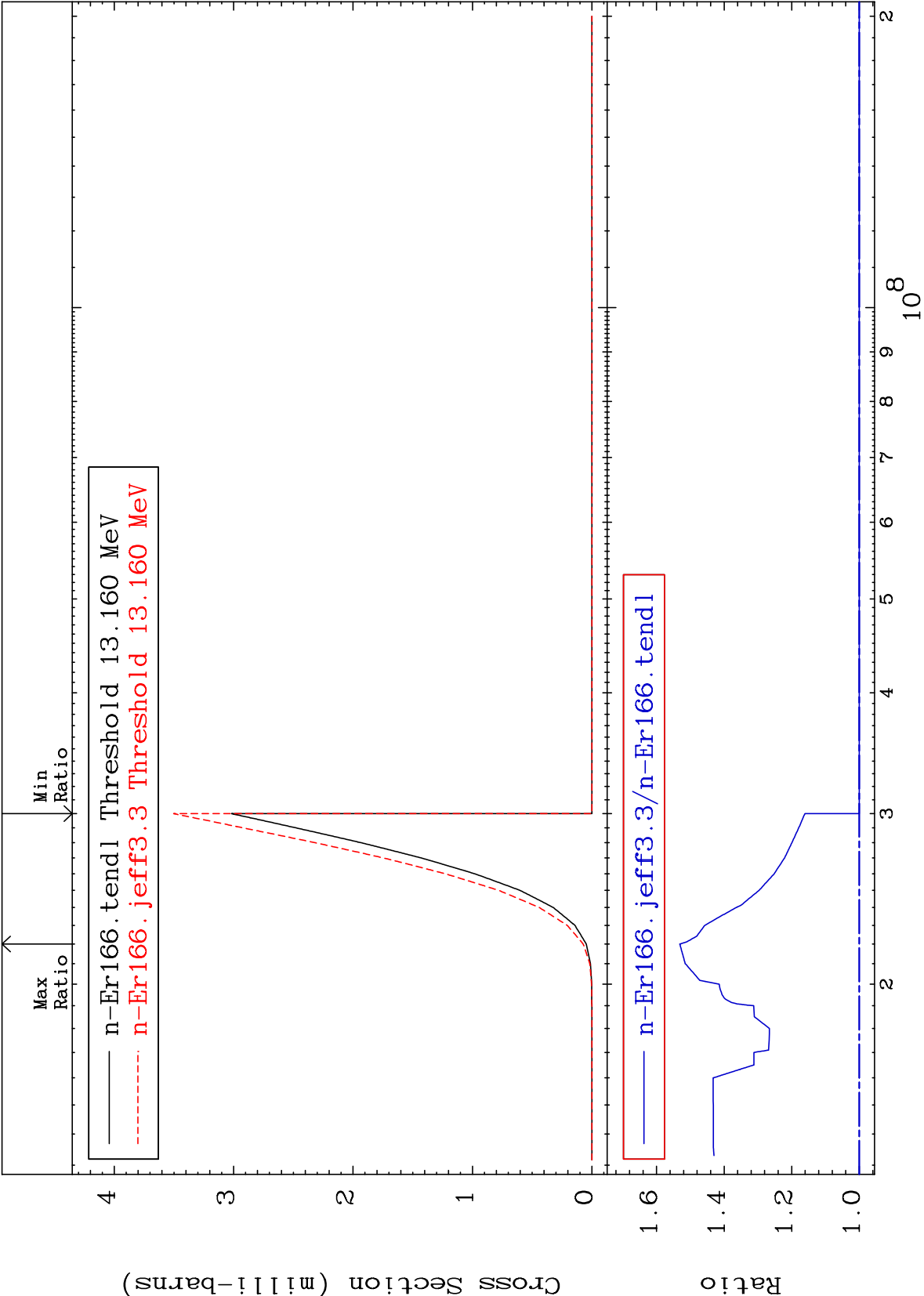
To 50.29 %



82

Incident Energy (MeV)

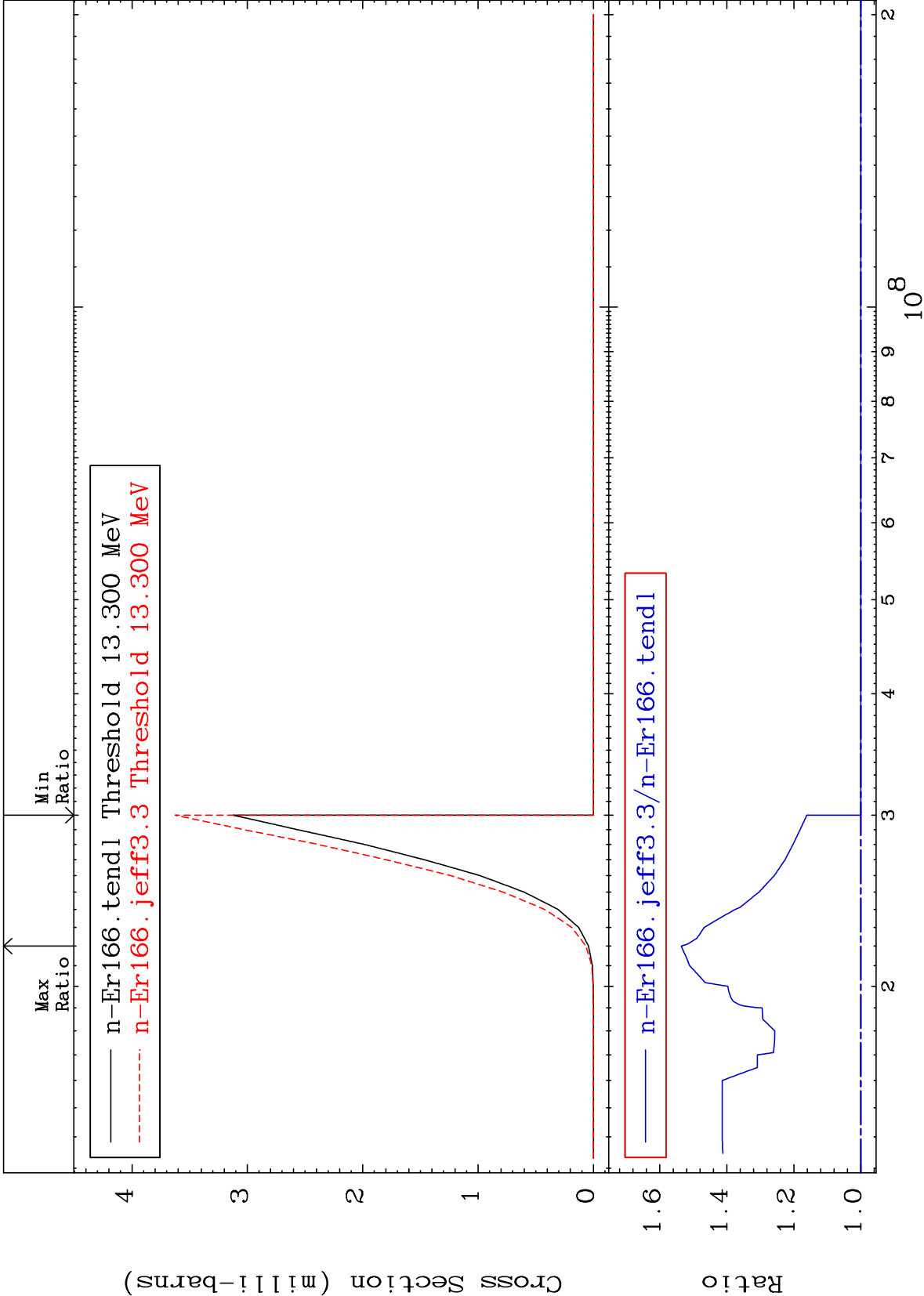
68-Er-166

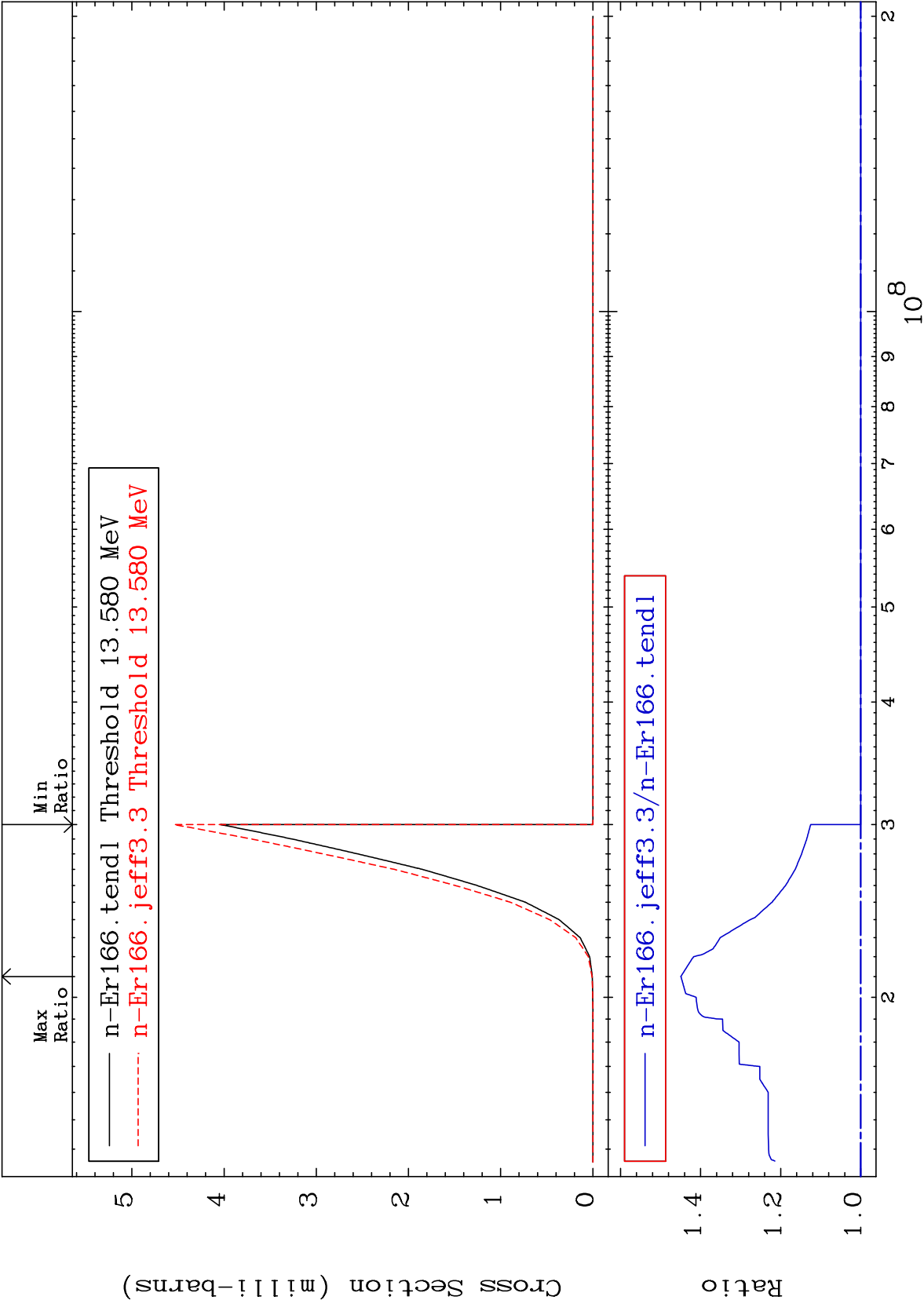


Radionuclide Production Cross Section

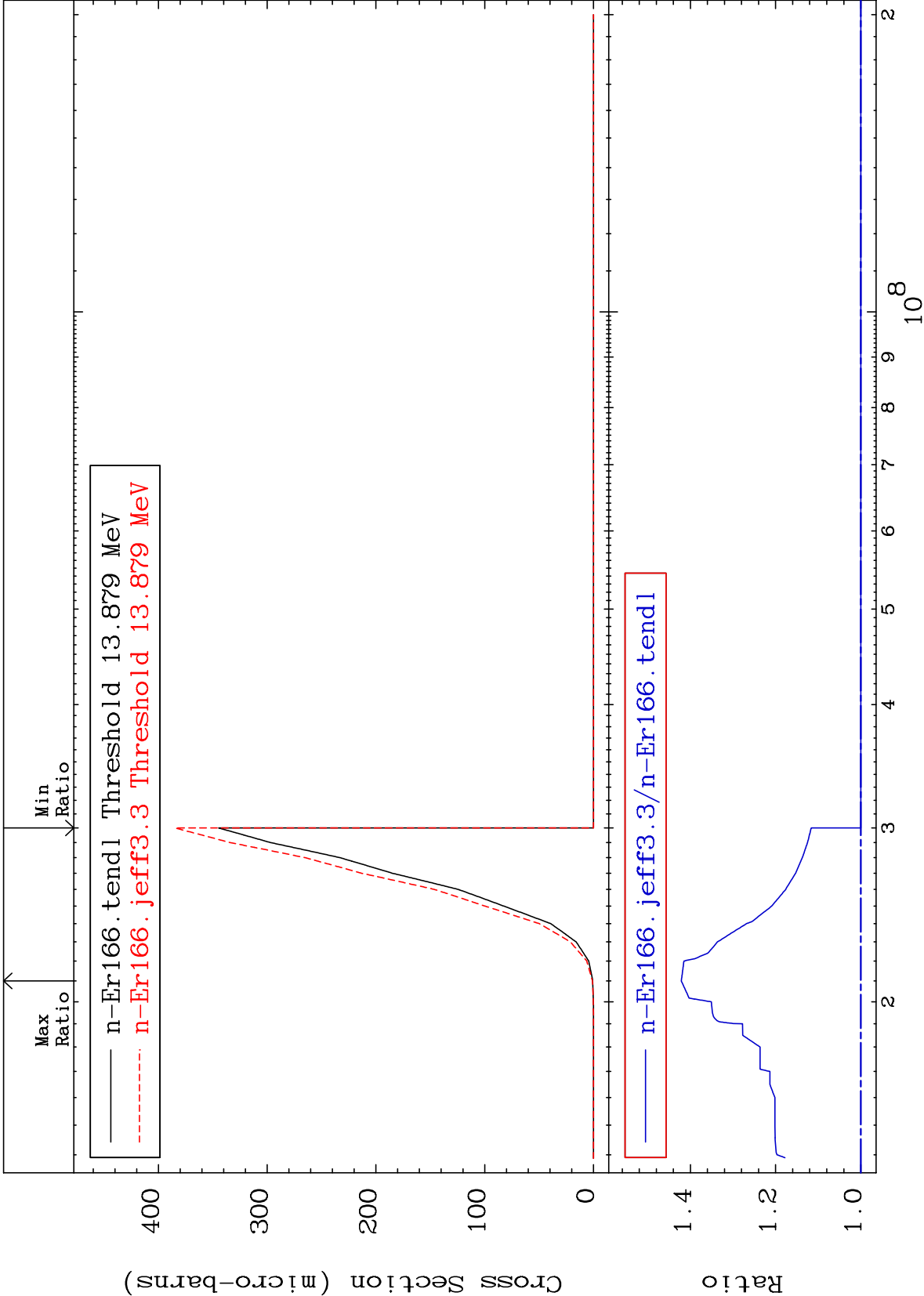
0.000

To 53.59 %





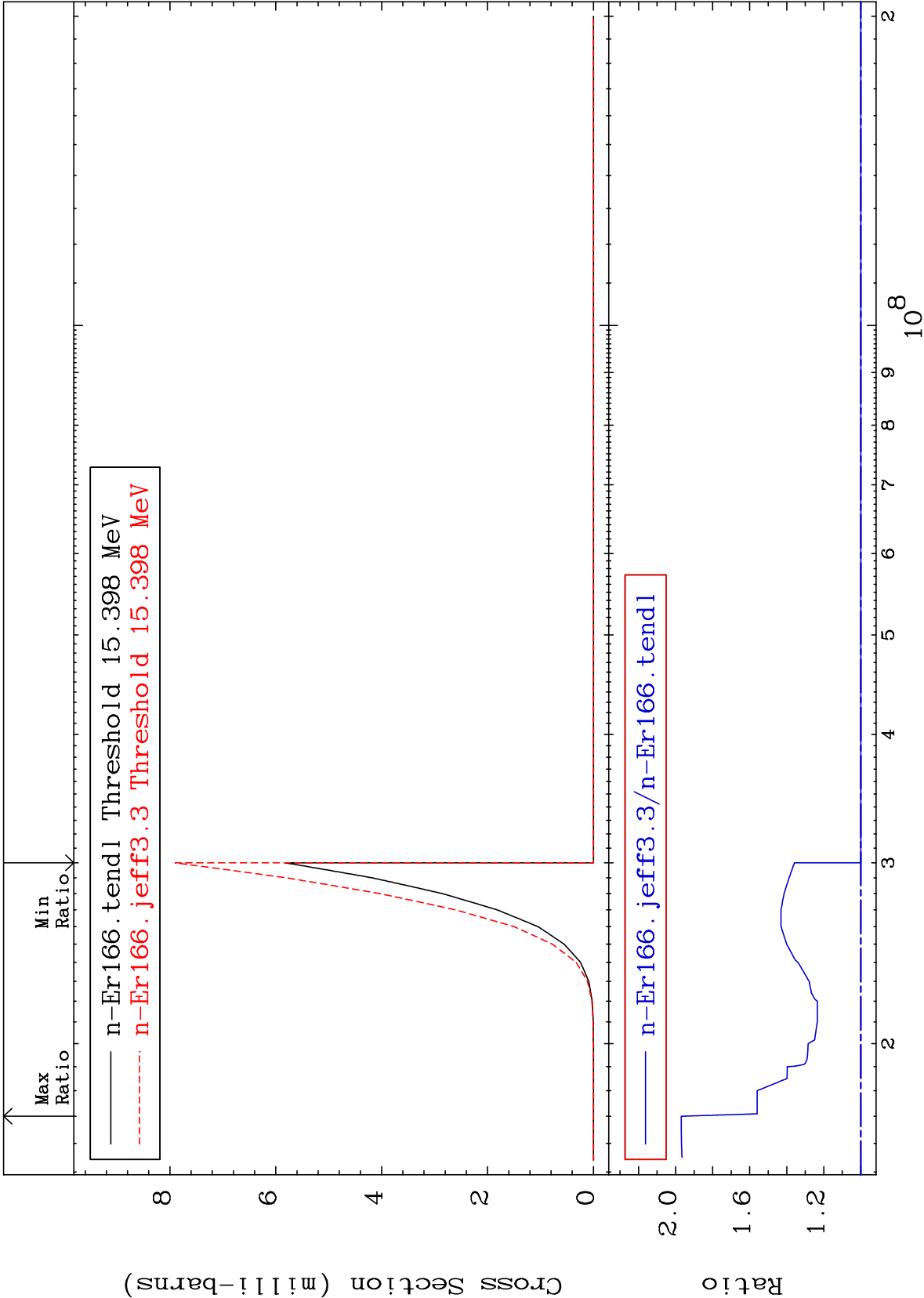
Radionuclide Production Cross Section 0.000 To 42.15 %



Radionuclide Production Cross Section

0.000

To 96.92 %



MAT 6837

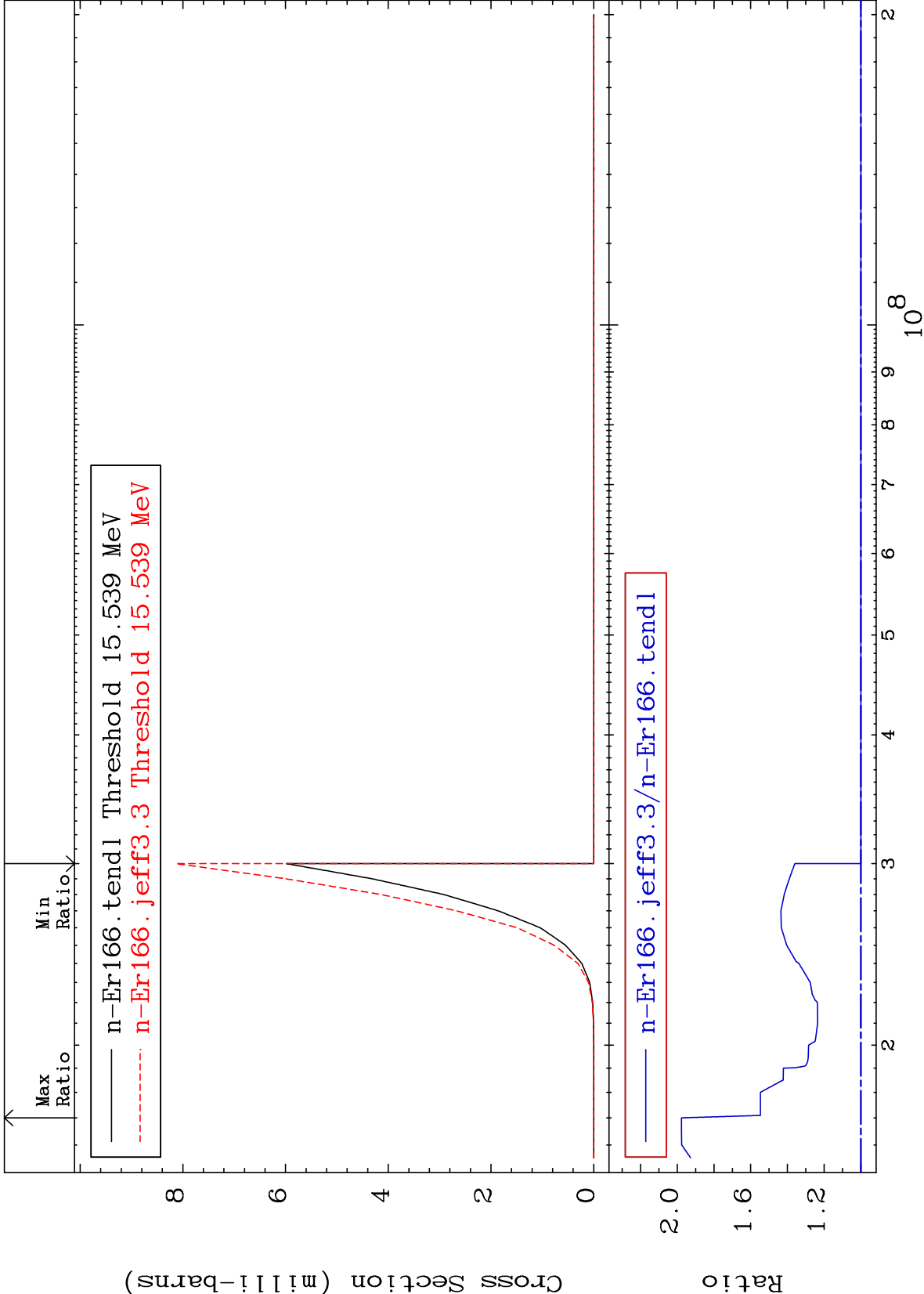
(n,2n) p:67-Ho-164m3

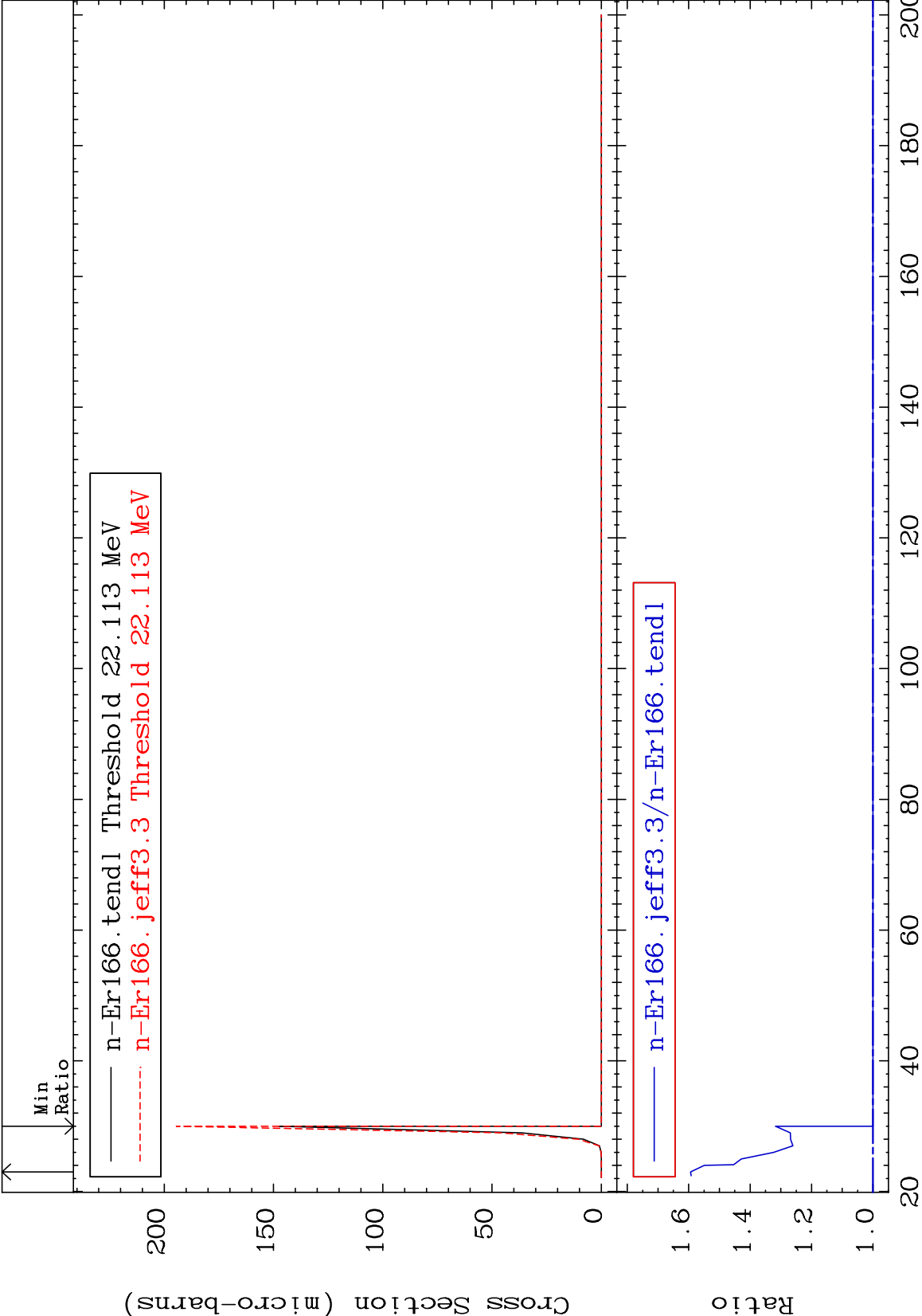
68-Er-166

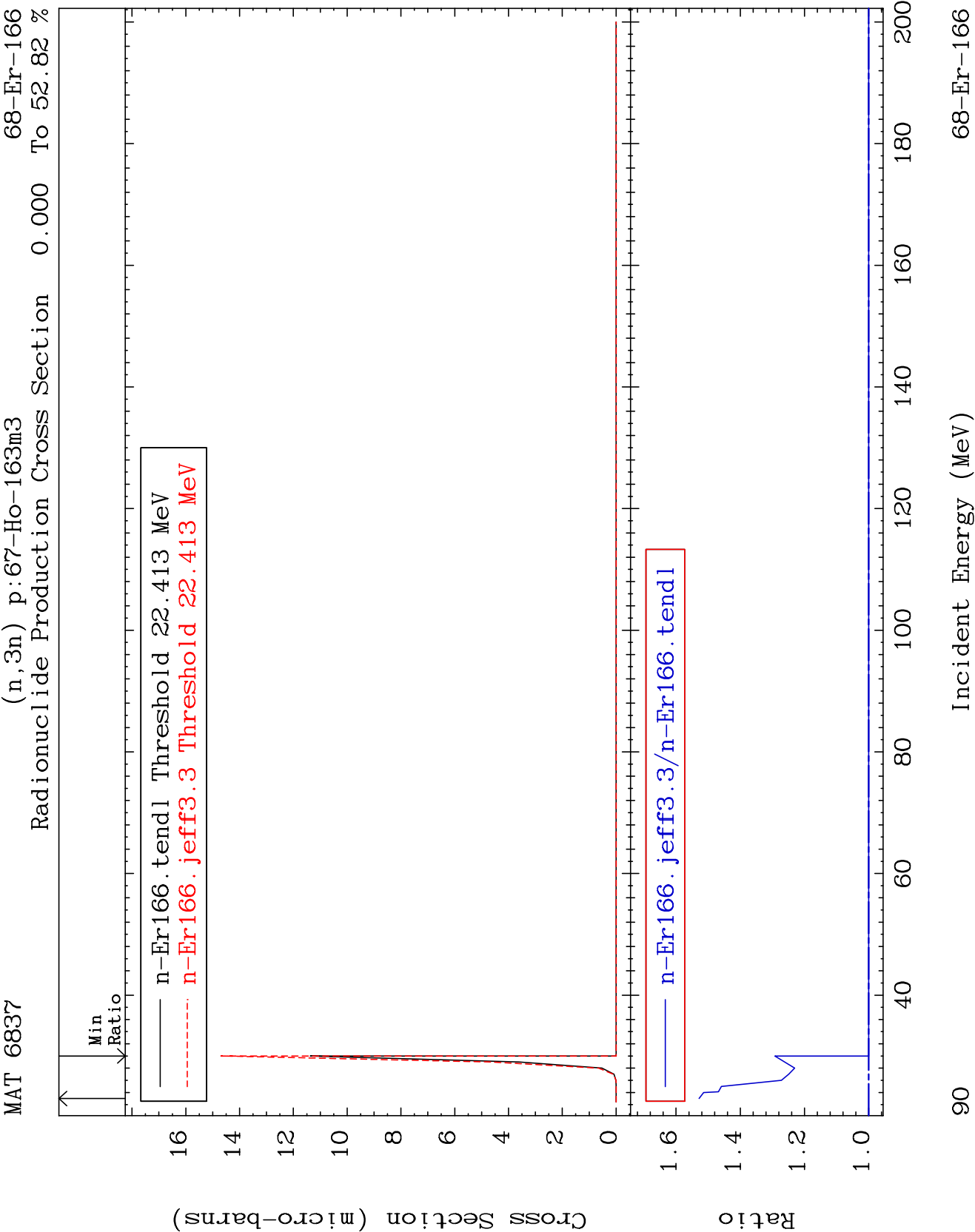
Radionuclide Production Cross Section

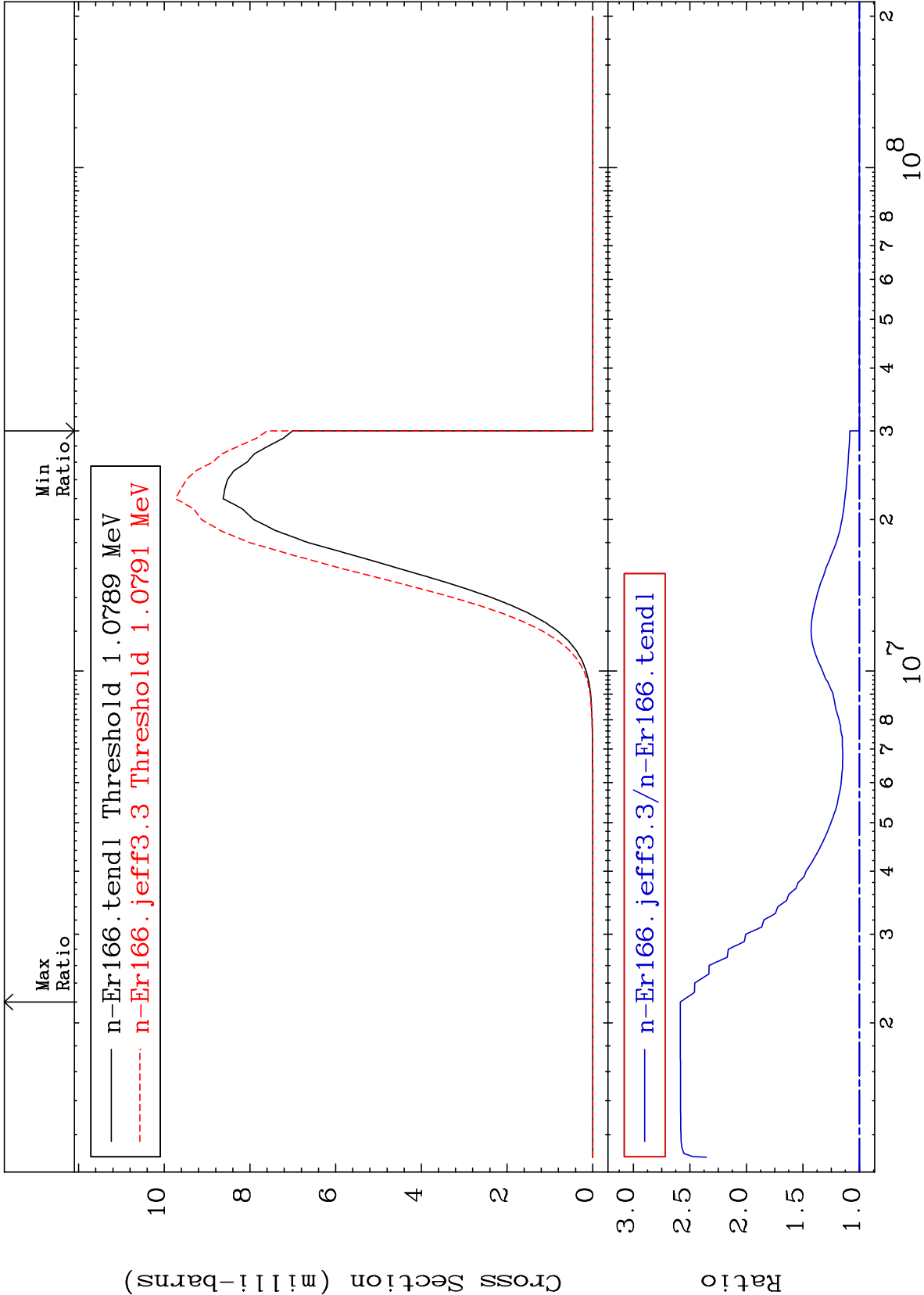
0.000

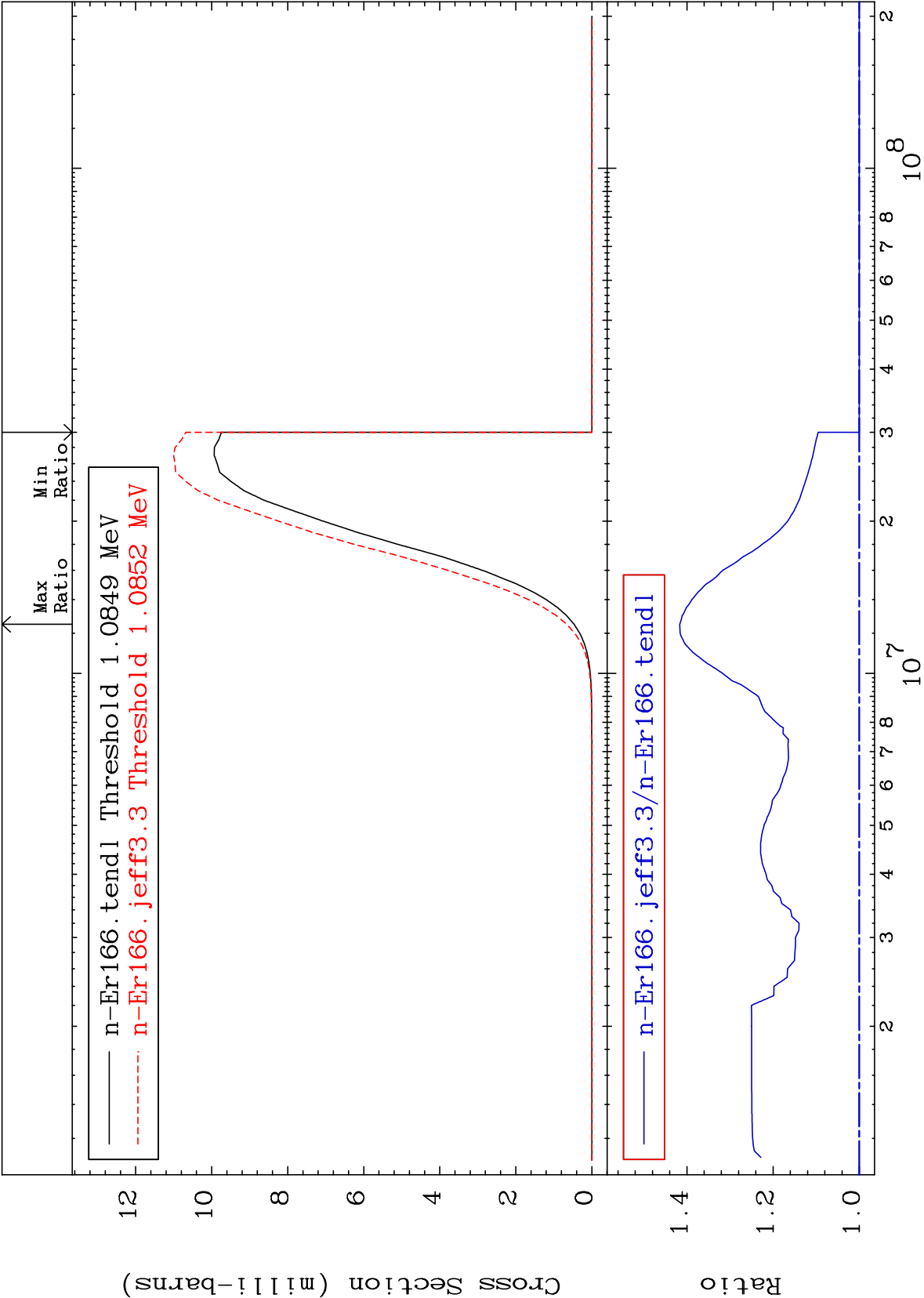
To 97.68 %

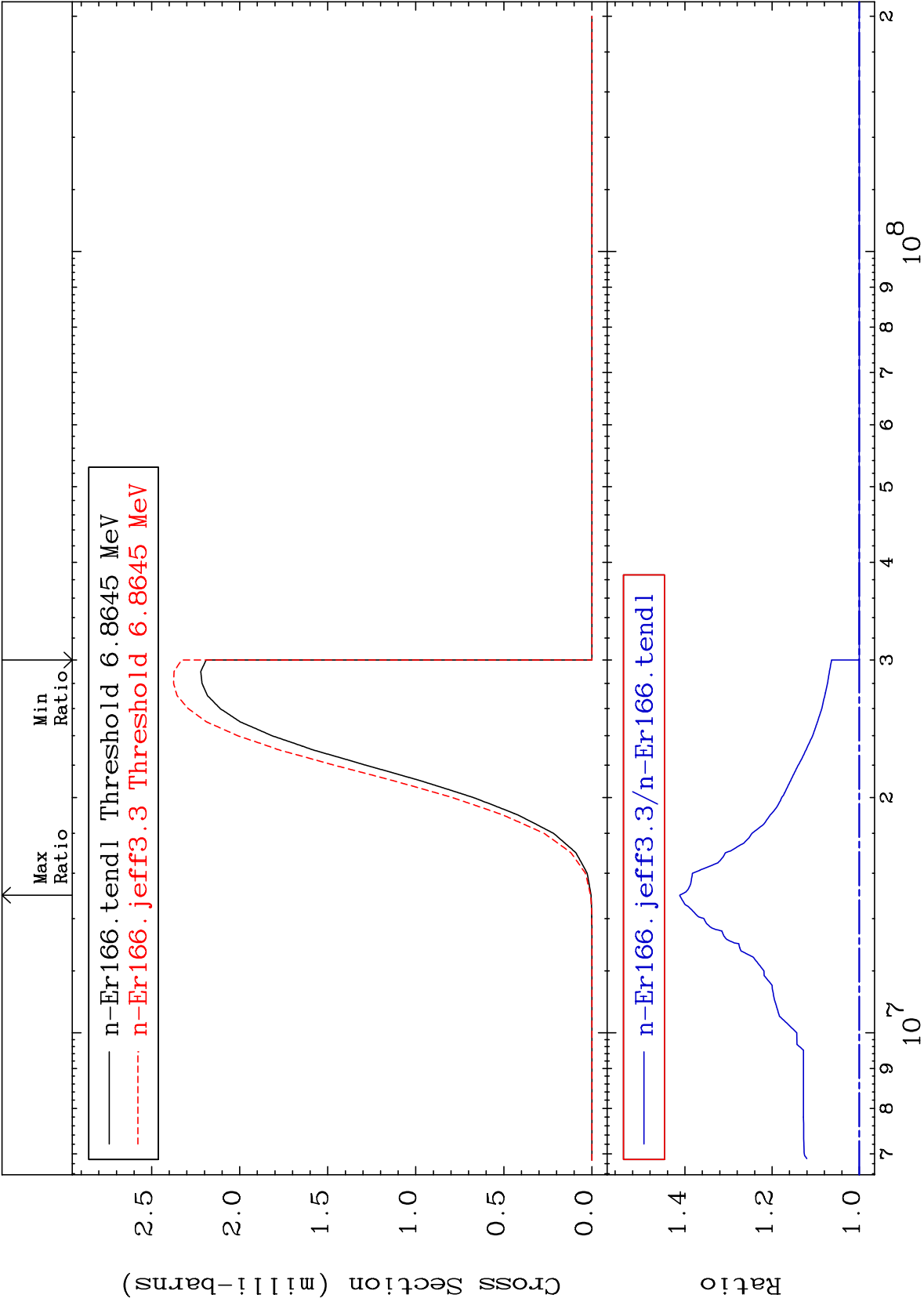








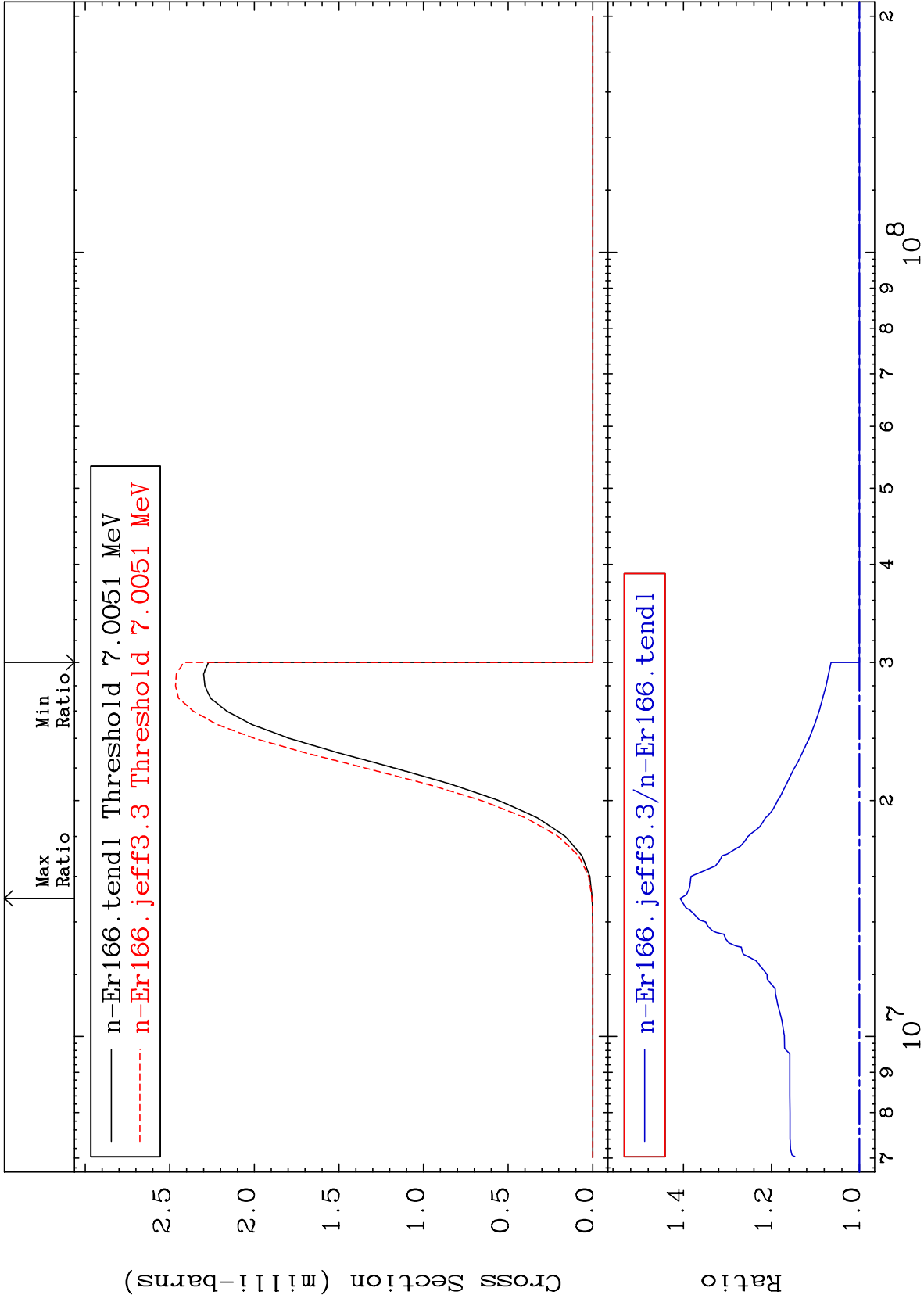




Radionuclide Production Cross Section

0.000

To 40.70 %



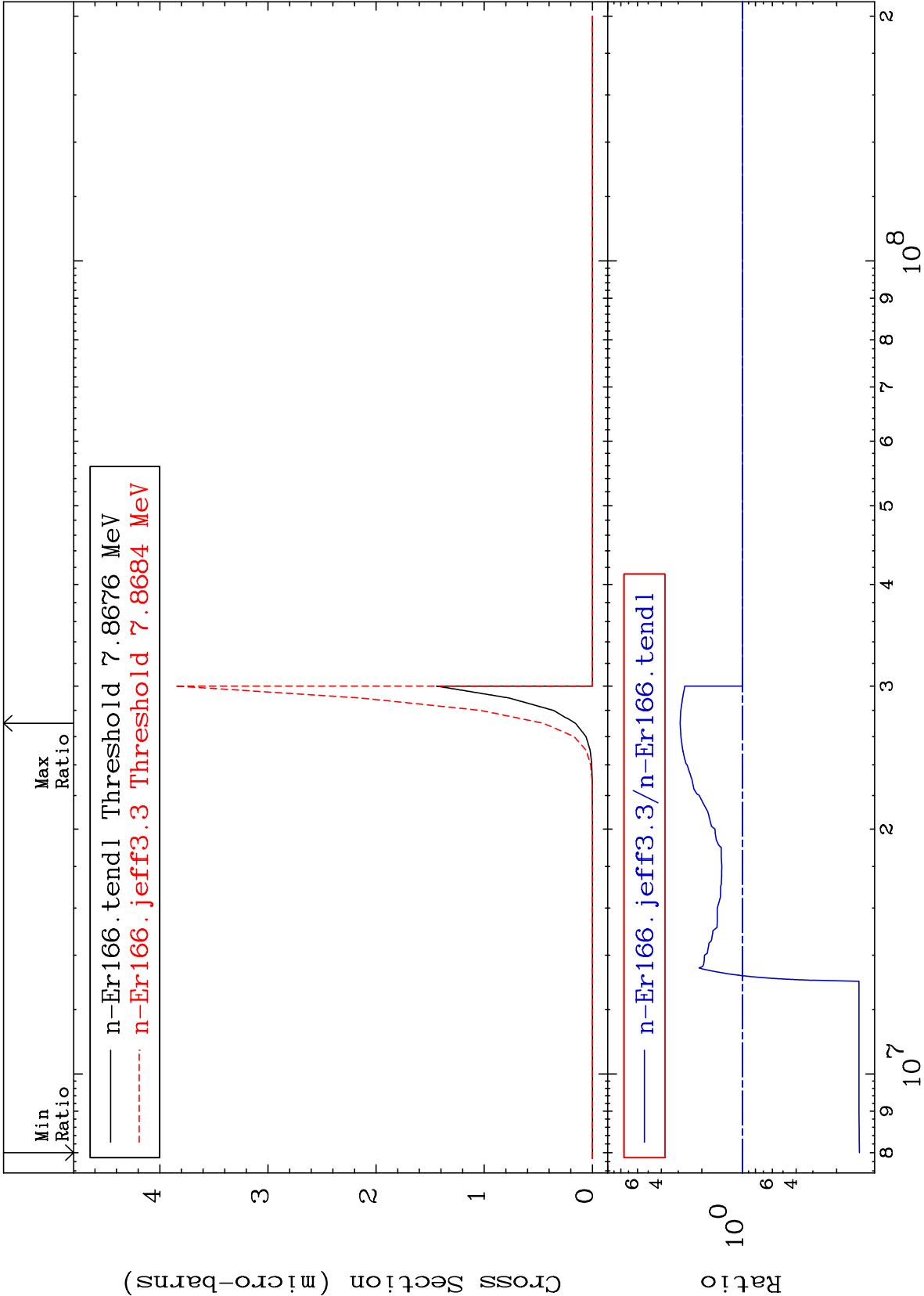
MAT 6837

68-Er-166

(n,2p):66-Dy-165g

Radionuclide Production Cross Section

-86.45 To 189.9 %



95

Incident Energy (eV)

68-Er-166

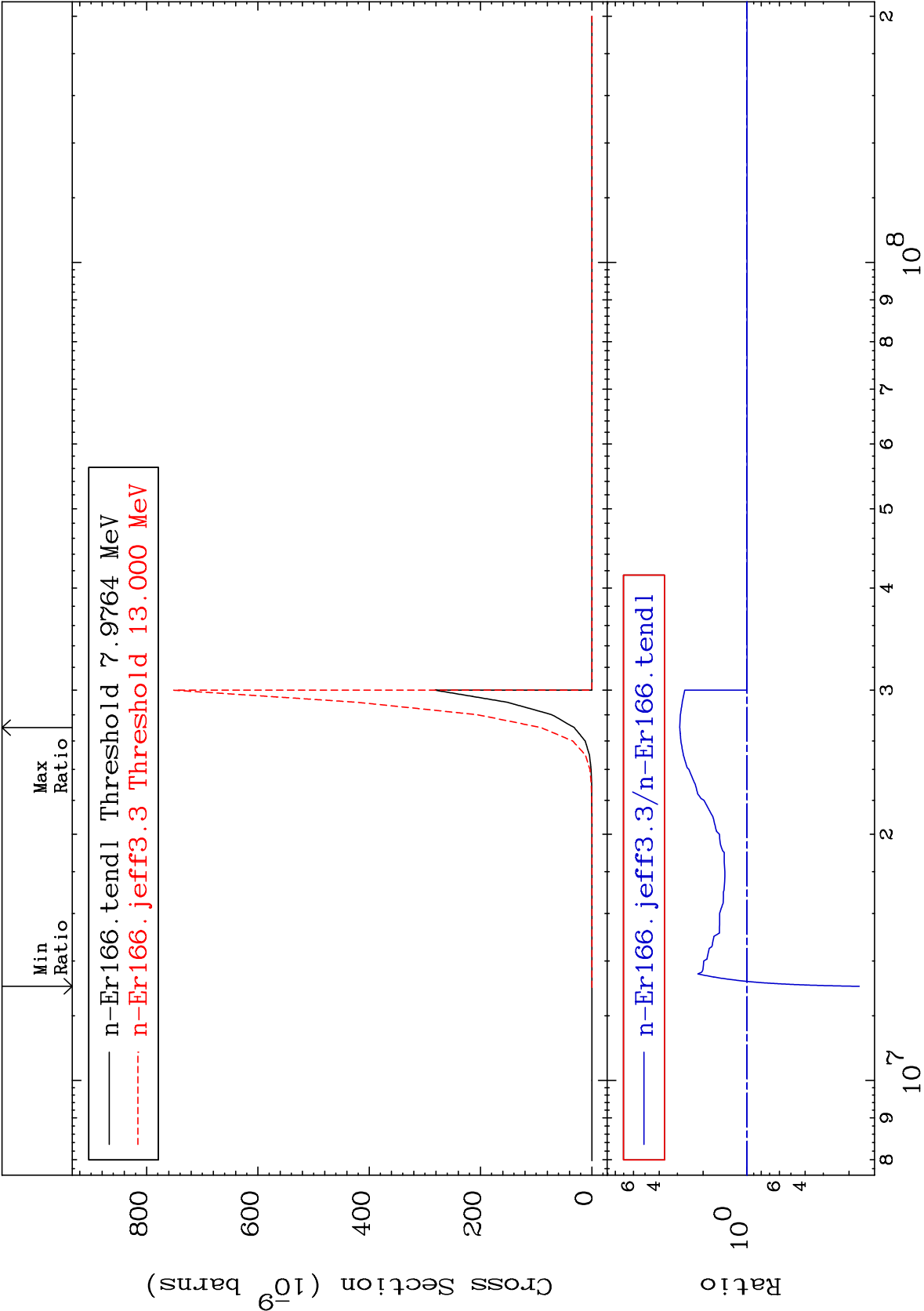
MAT 6837

(n,2p):66-Dy-165m2

68-Er-166

Radionuclide Production Cross Section

-82.98 To 189.2 %



96

Incident Energy (eV)

68-Er-166