

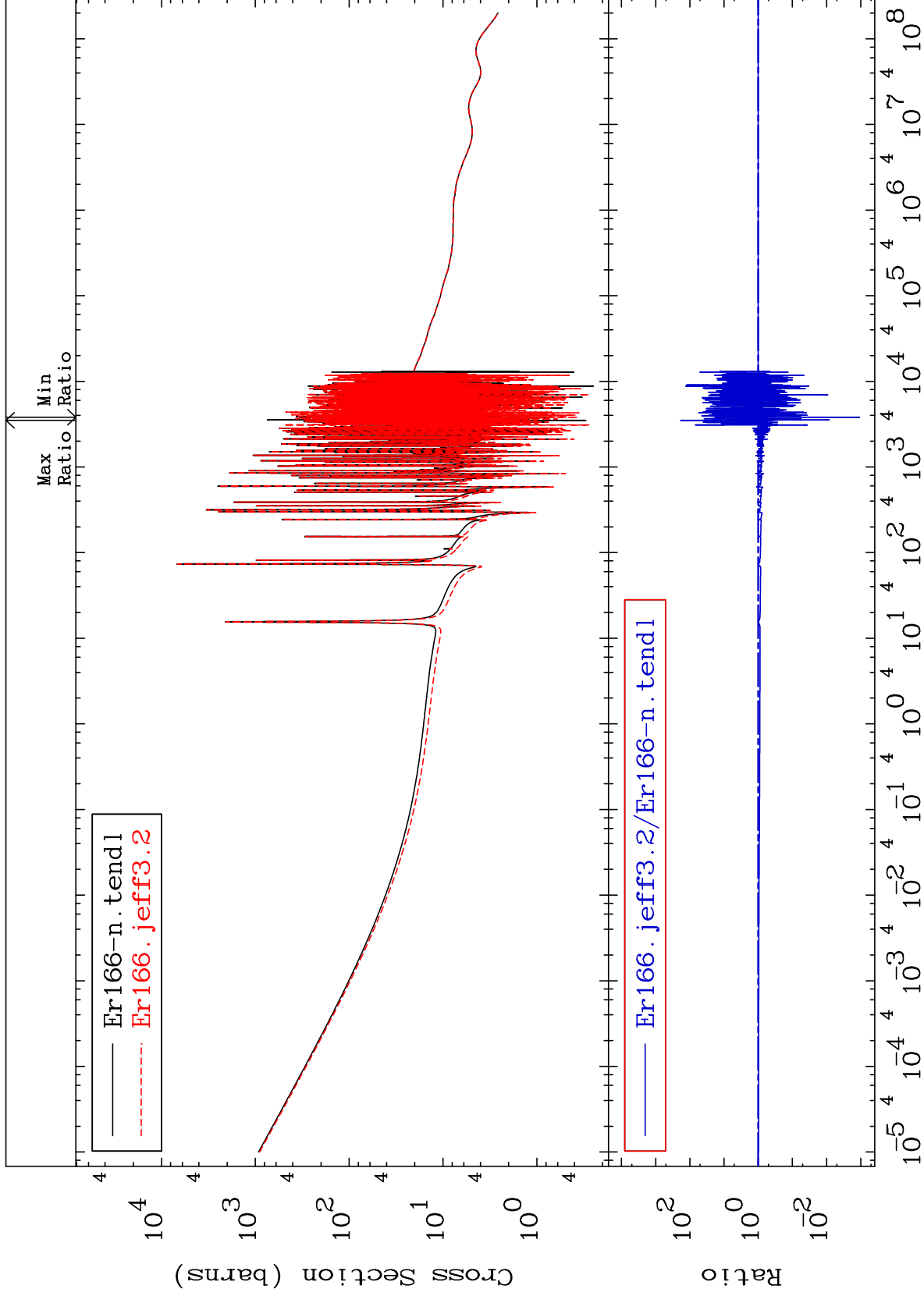
MAT 6837

Total

68-Er-166

Cross Section

-99.89 To 9999. %

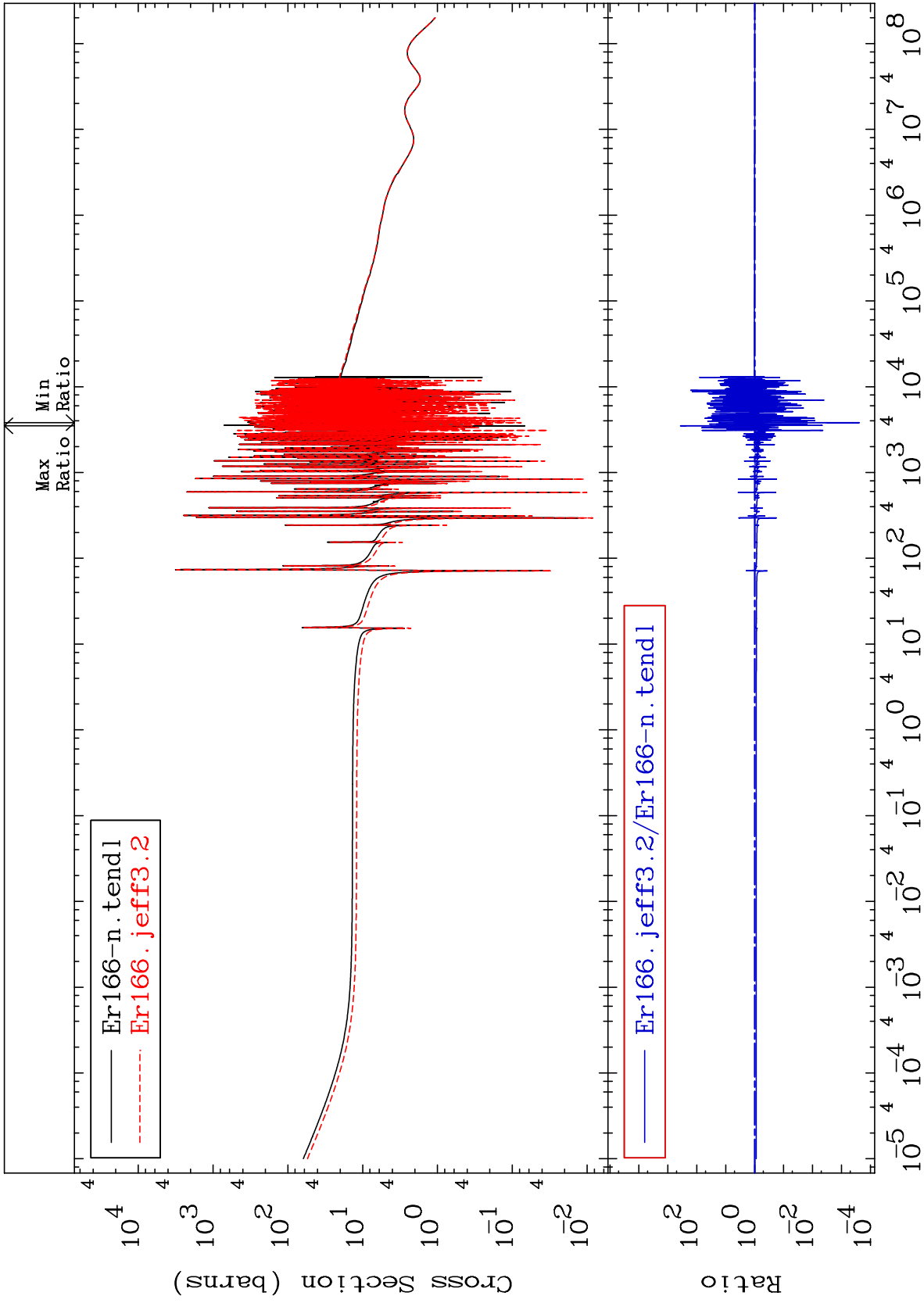


68-Er-166

MAT 6837

Elastic  
Cross Section

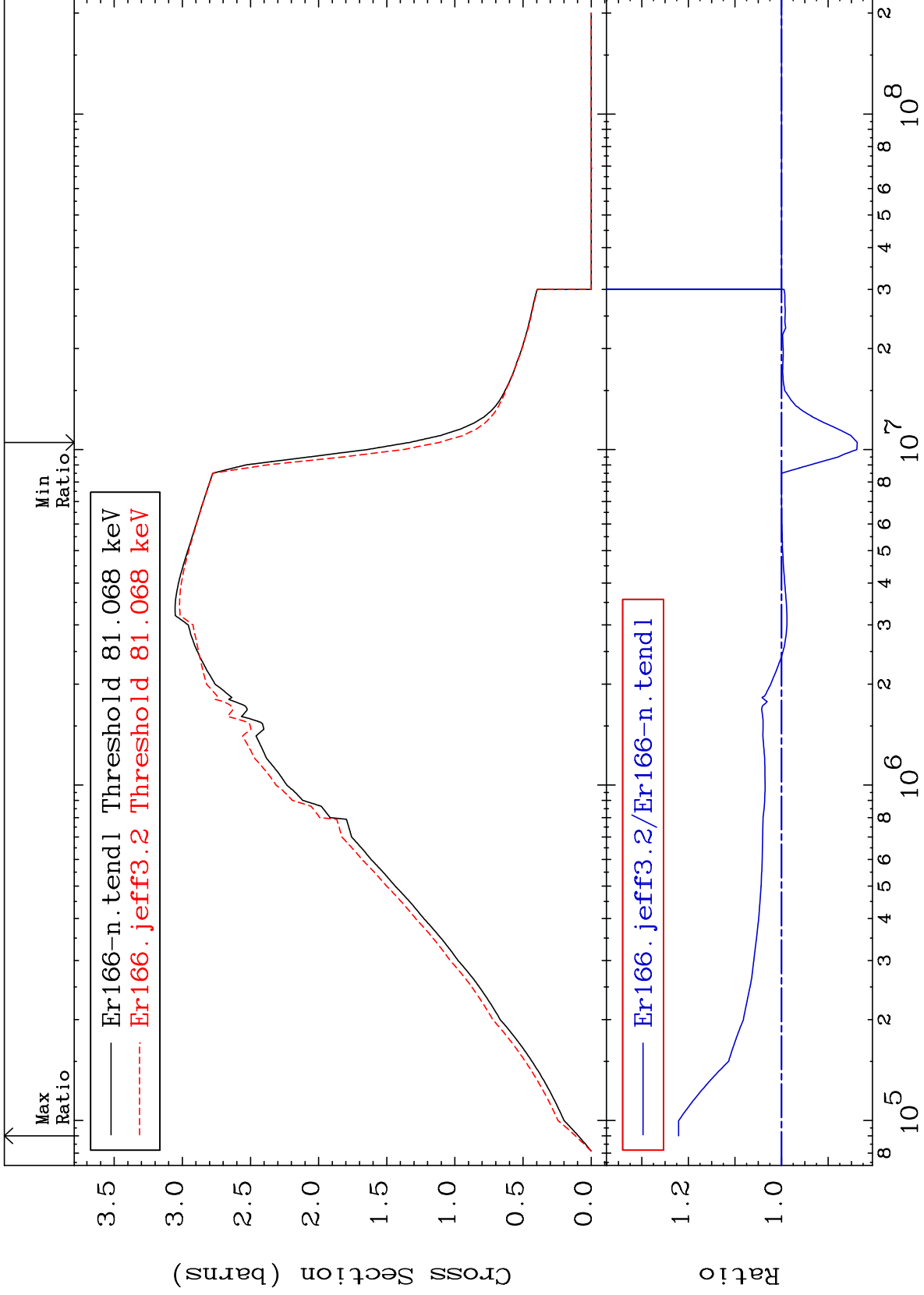
68-Er-166  
-99.98 To 9999. %



MAT 6837

Inelastic  
Cross Section

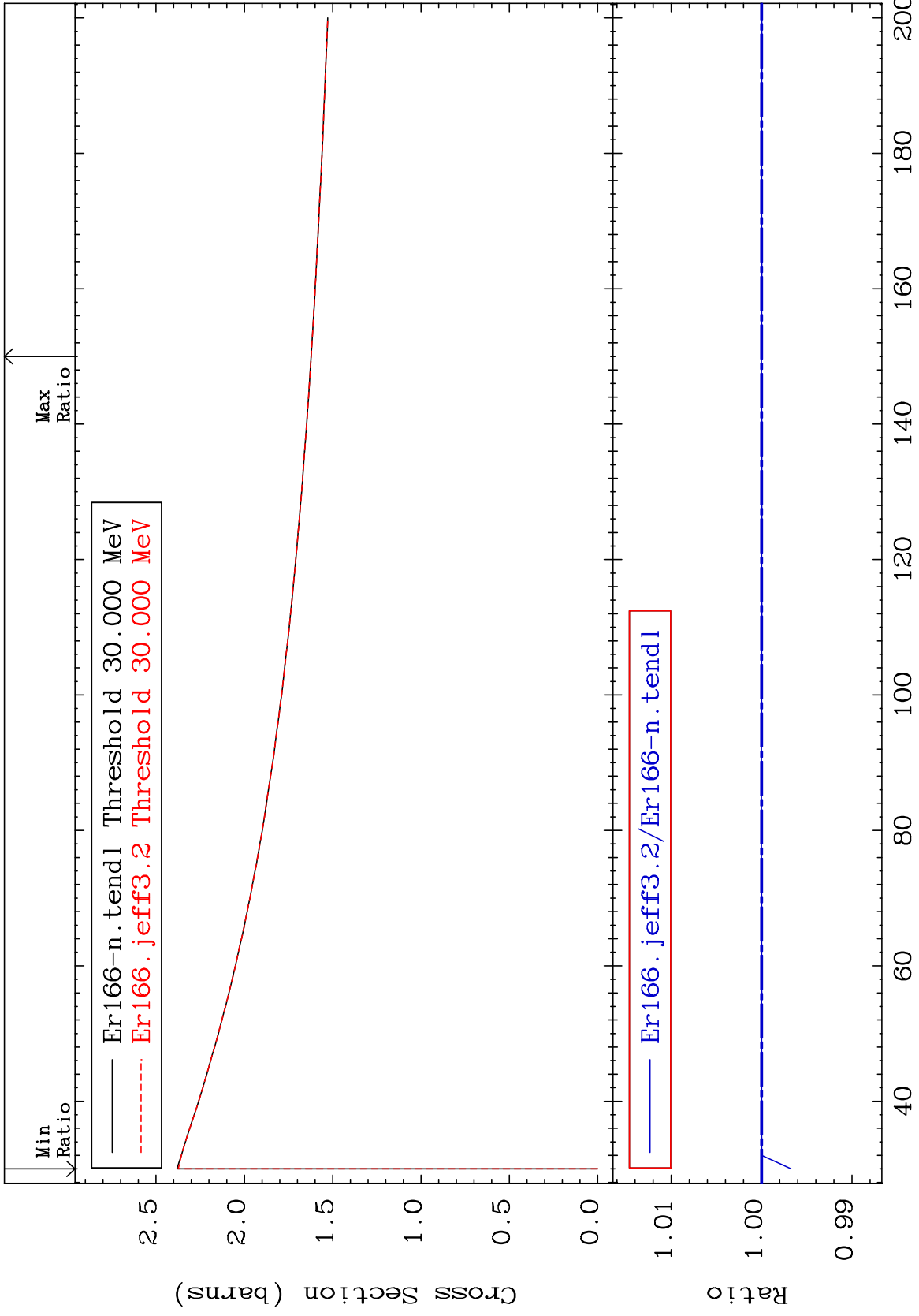
68-Er-166  
-16.26 To 22.08 %



3

Incident Energy (eV)

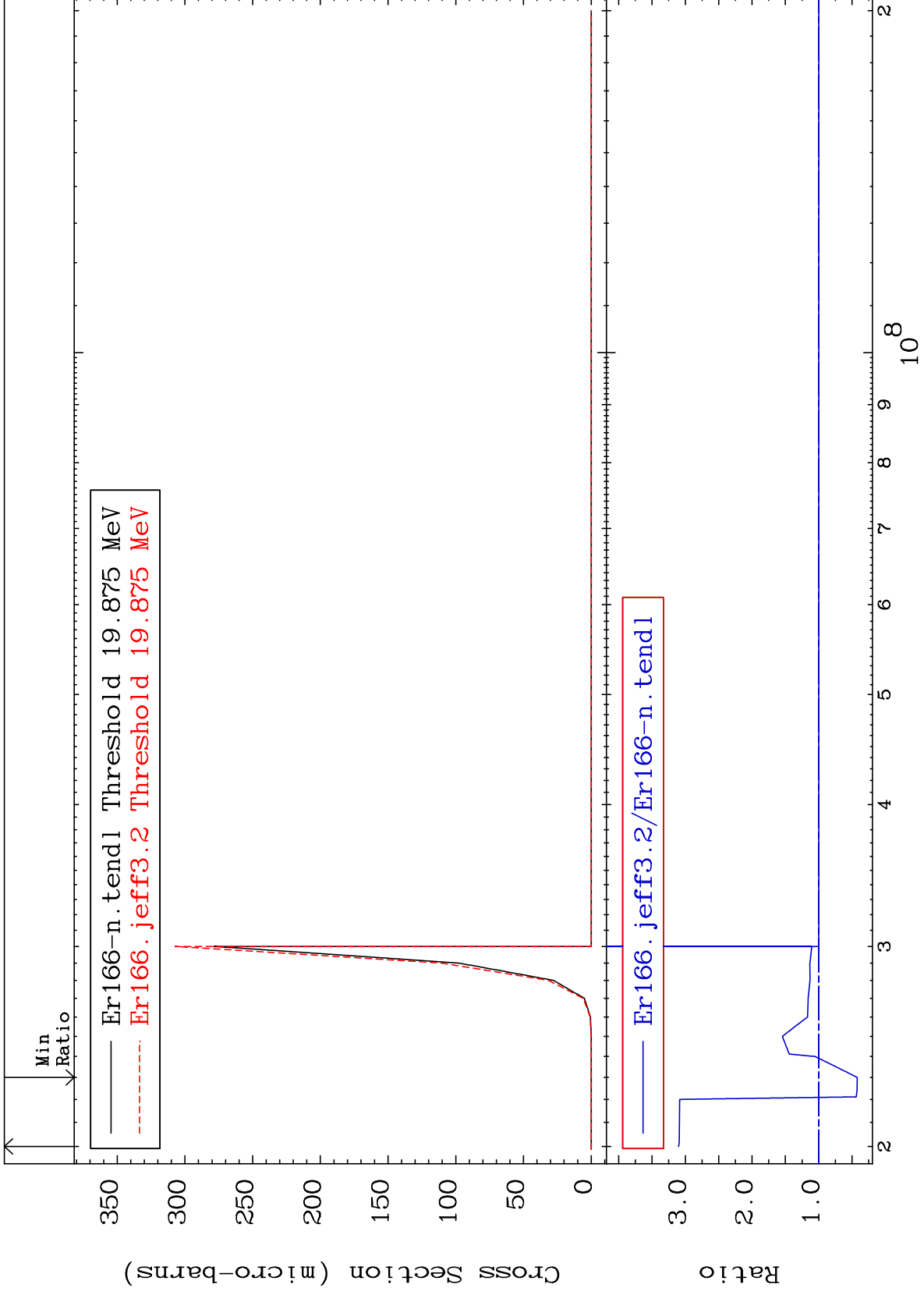
68-Er-166



MAT 6837

(n,2n) d  
Cross Section

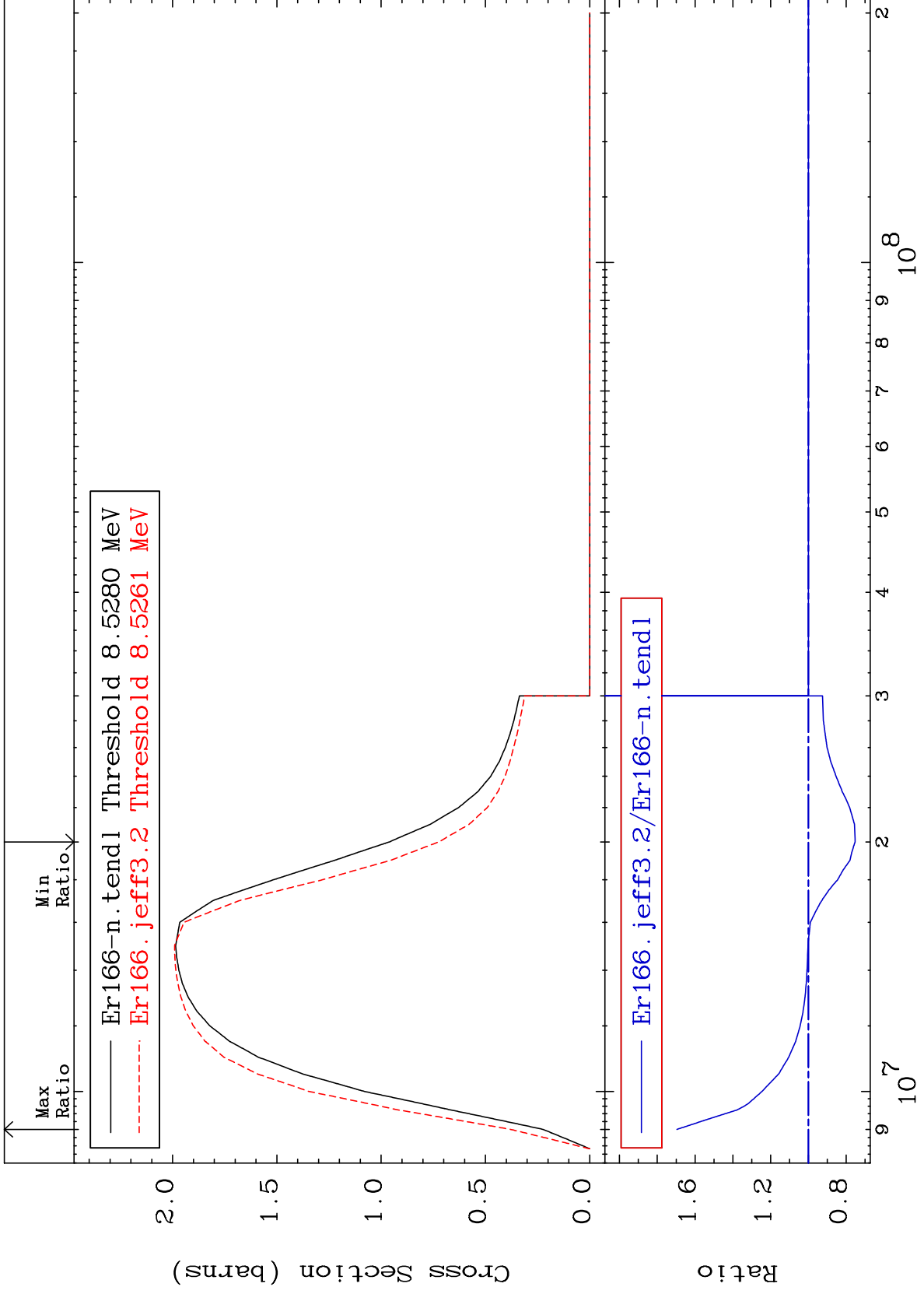
68-Er-166  
-57.83 To 210.1 %



MAT 6837

(n,2n)  
Cross Section

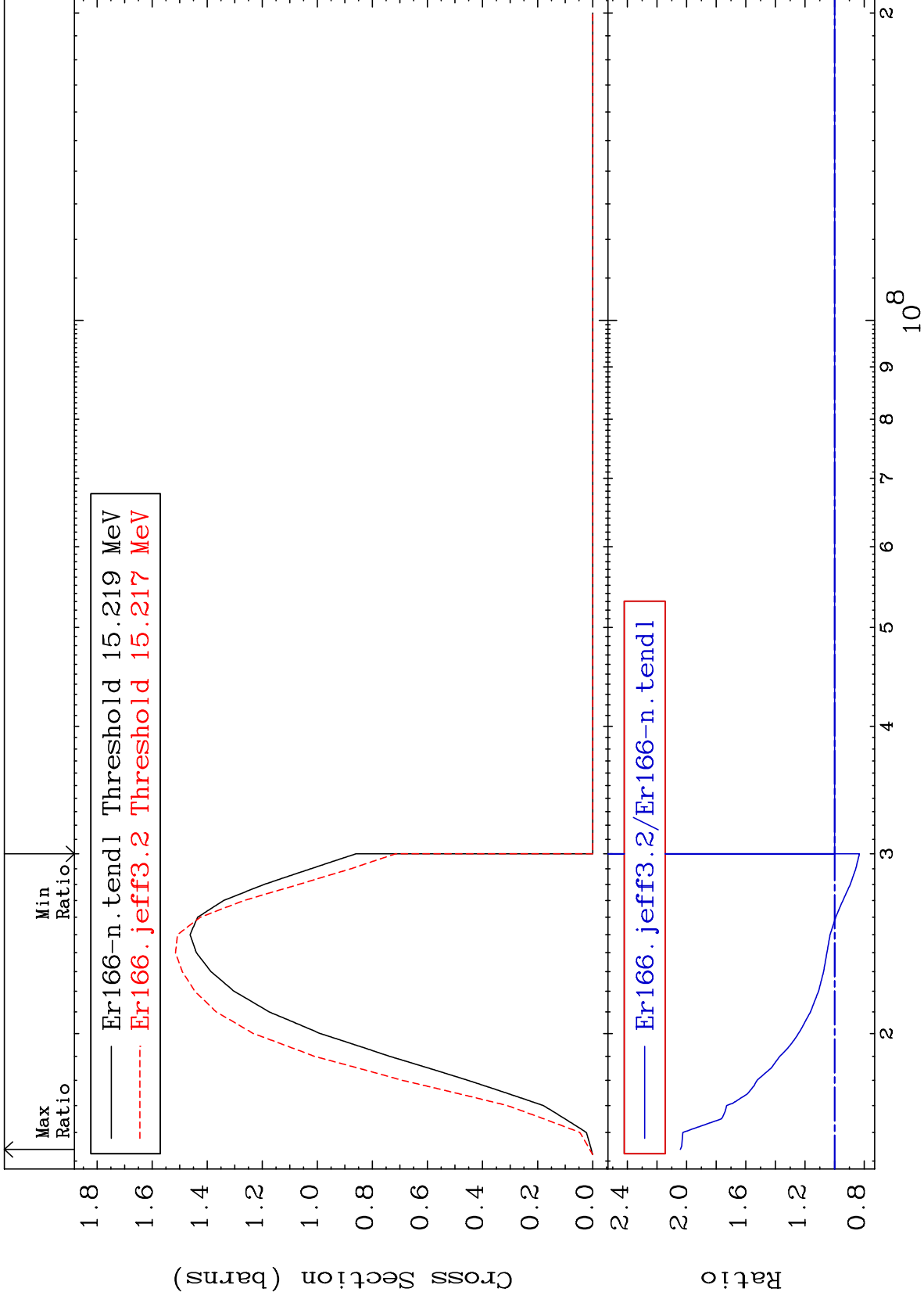
68-Er-166  
-24.70 To 69.59 %

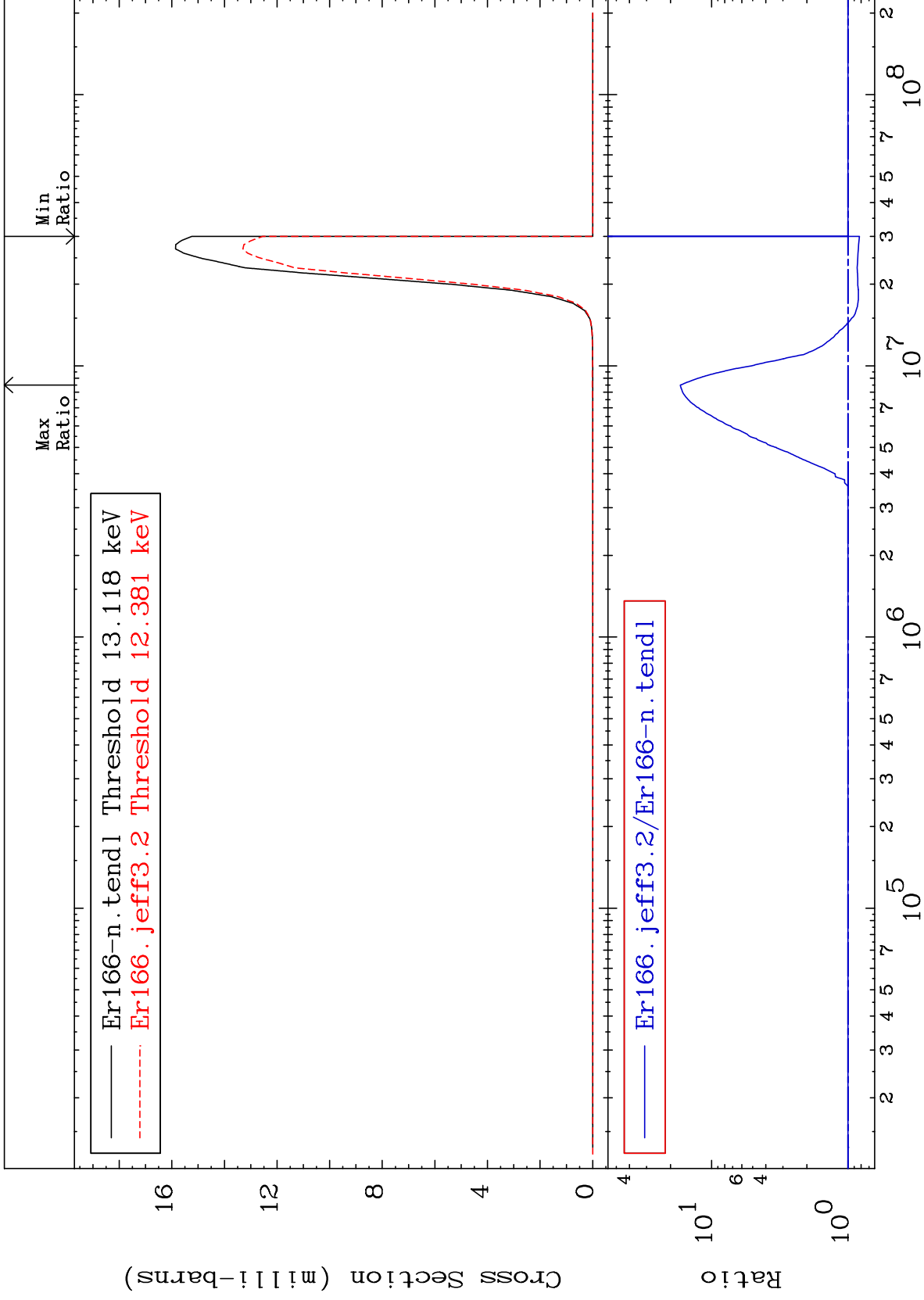


6

Incident Energy (eV)

68-Er-166



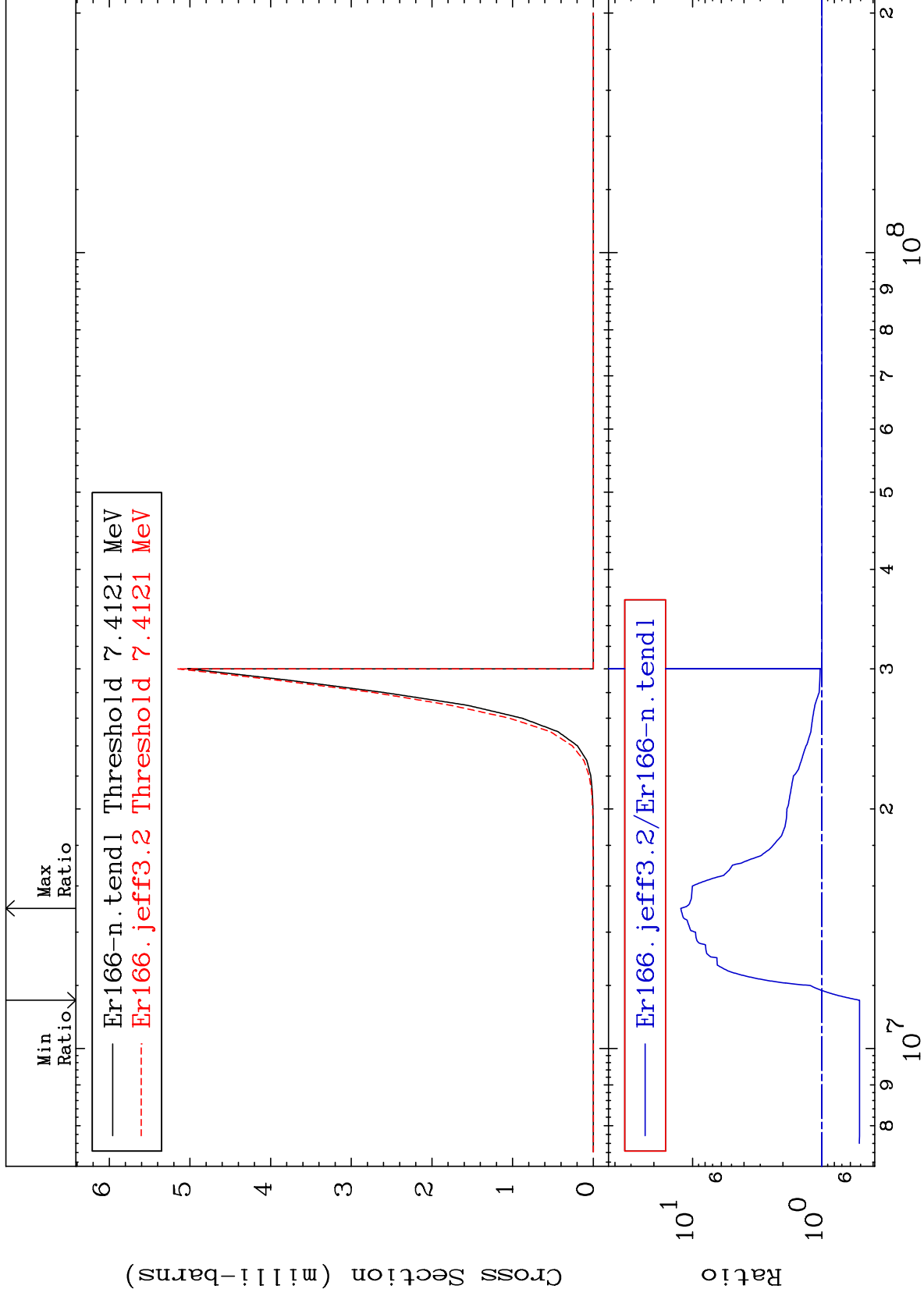




MAT 6837

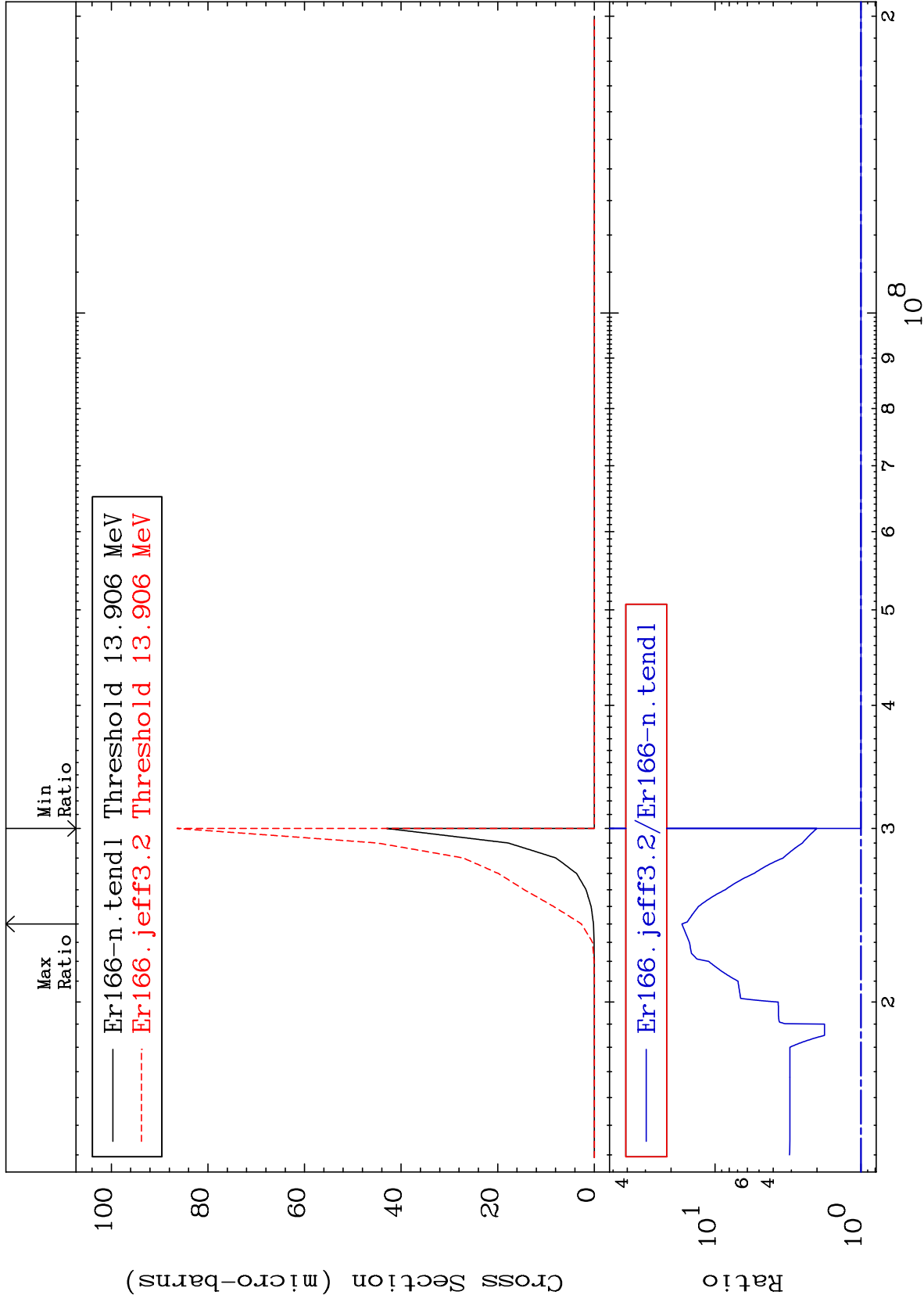
(n,2n)  $\alpha$   
Cross Section

68-Er-166  
-49.00 To 1136. %



MAT 6837

(n,3n)  $\alpha$  Cross Section  
68-Er-166  
0.000 To 1586. %



10

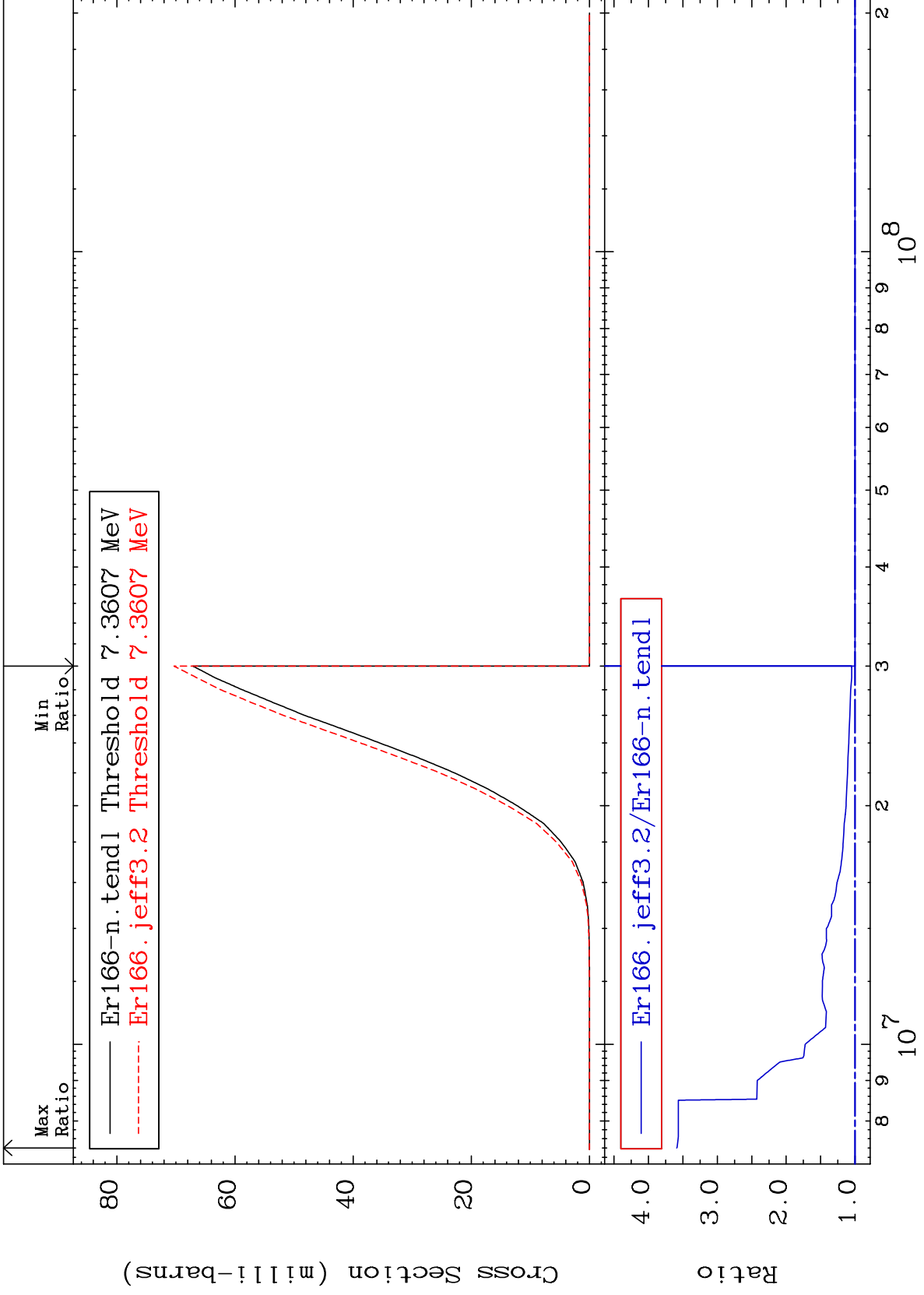
Incident Energy (eV)

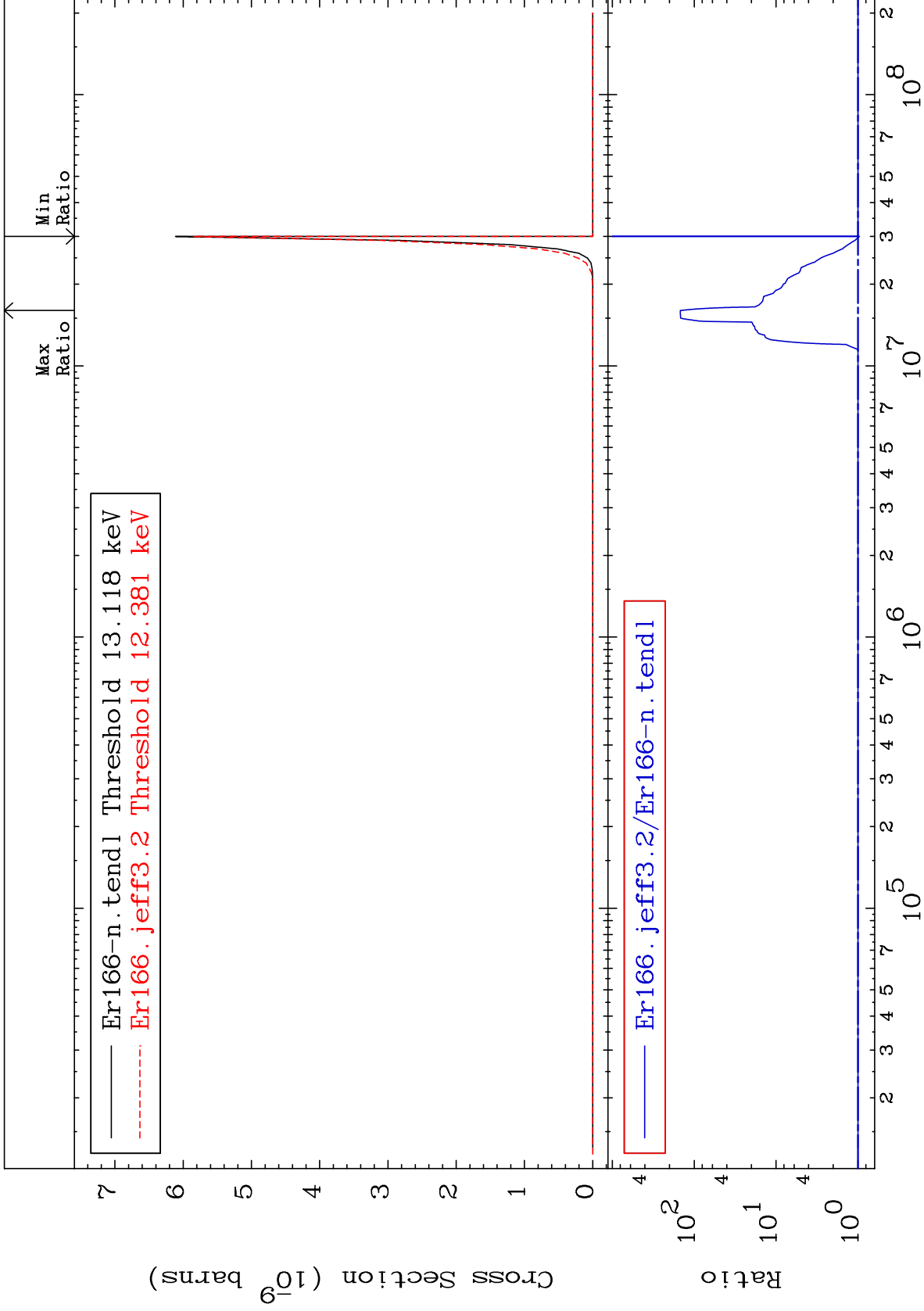
68-Er-166

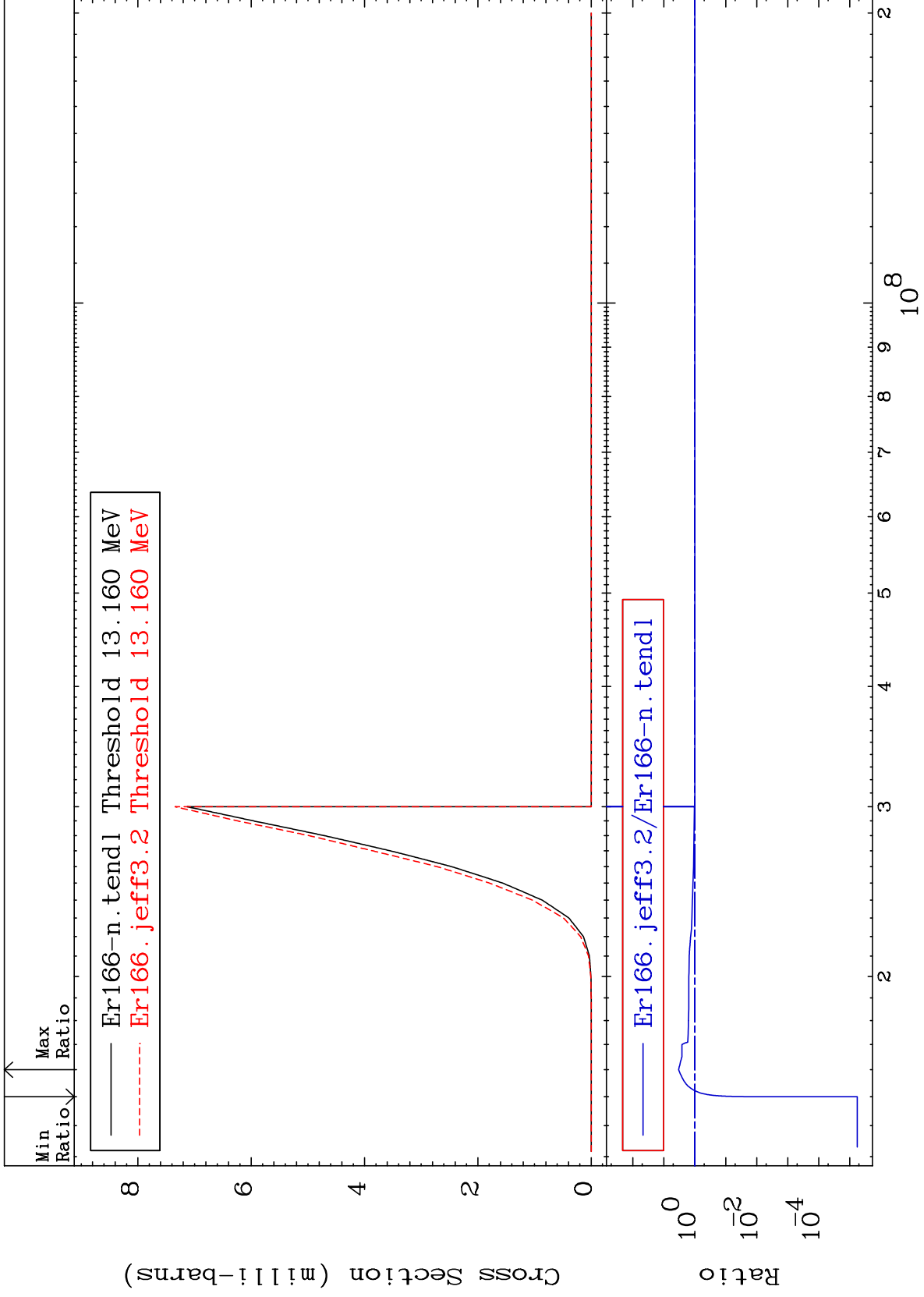
MAT 6837

(n,n') p  
Cross Section

68-Er-166  
To 259.0 %  
0.000







MAT 6837

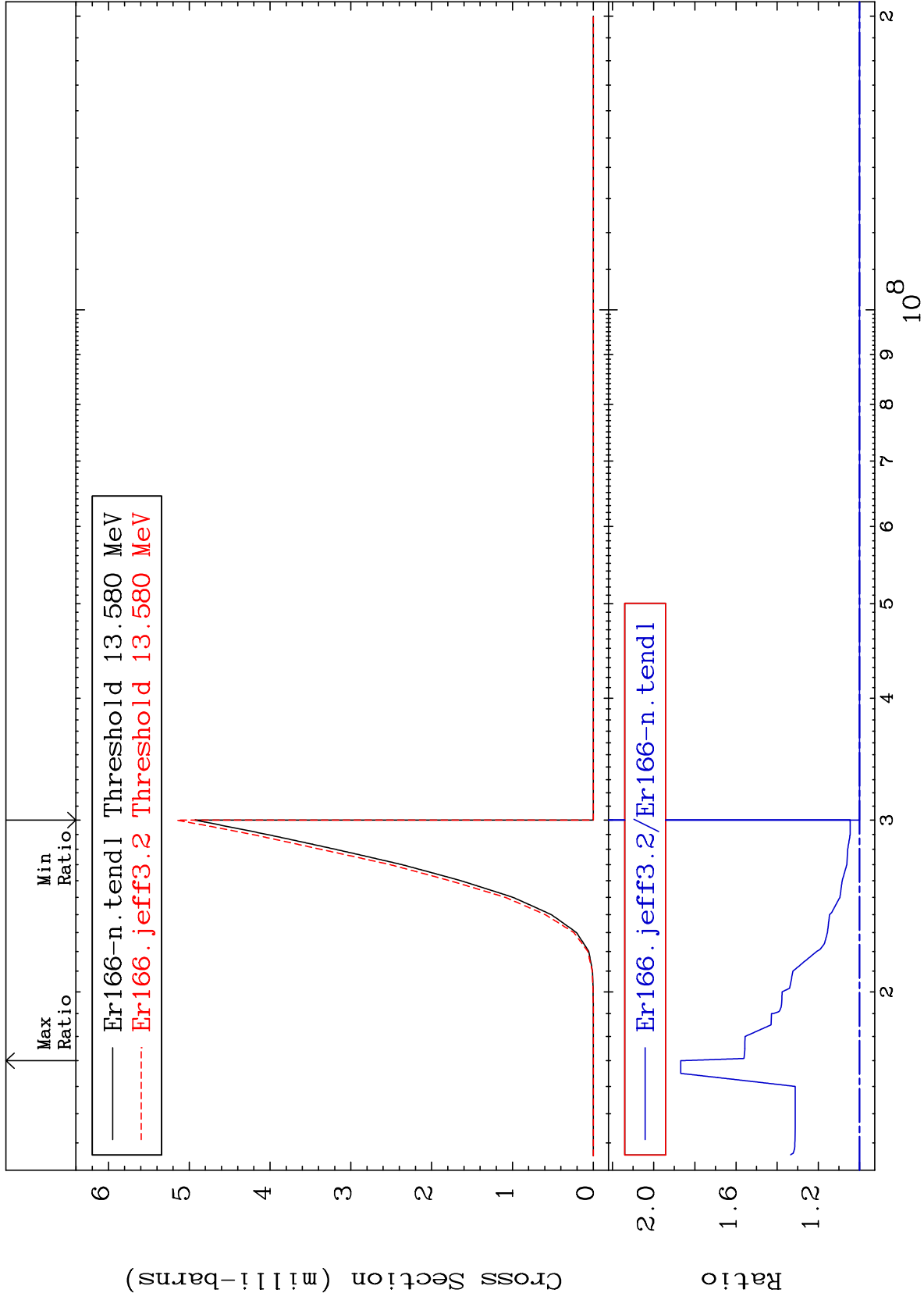
(n, n') t

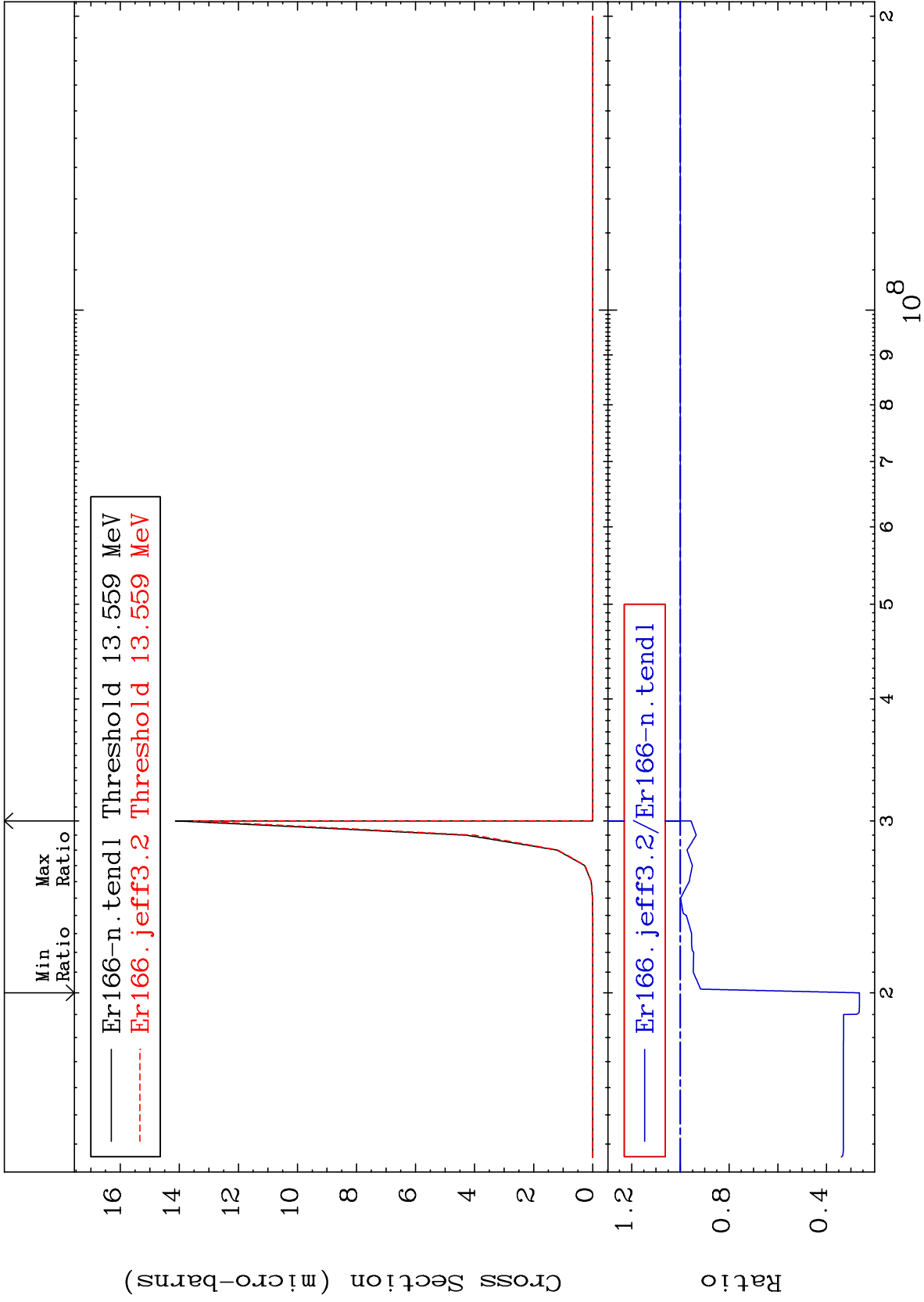
68-Er-166

Cross Section

0.000

To 86.83 %





MAT 6837

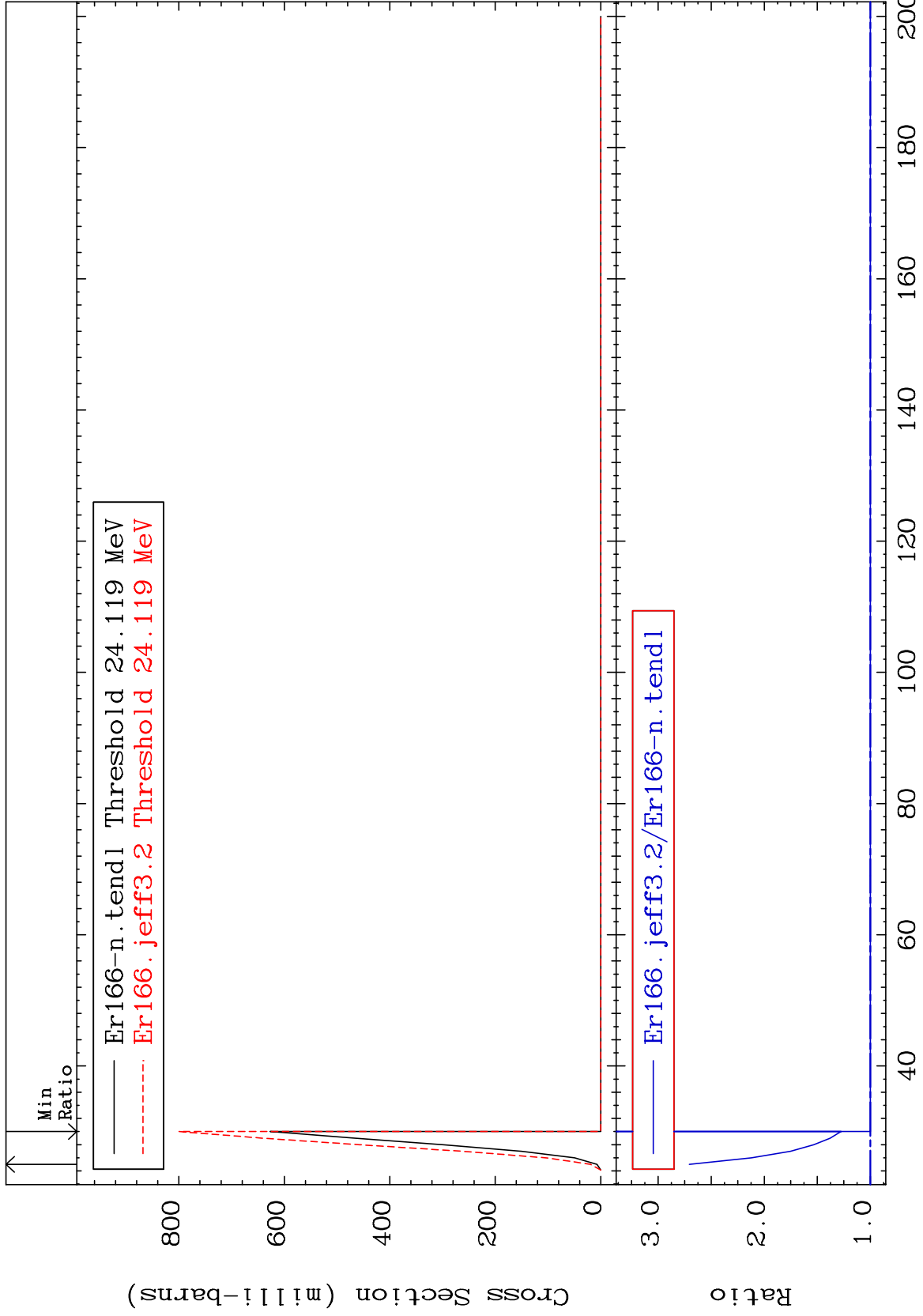
(n,4n)

68-Er-166

Cross Section

0.000

To 170.6 %

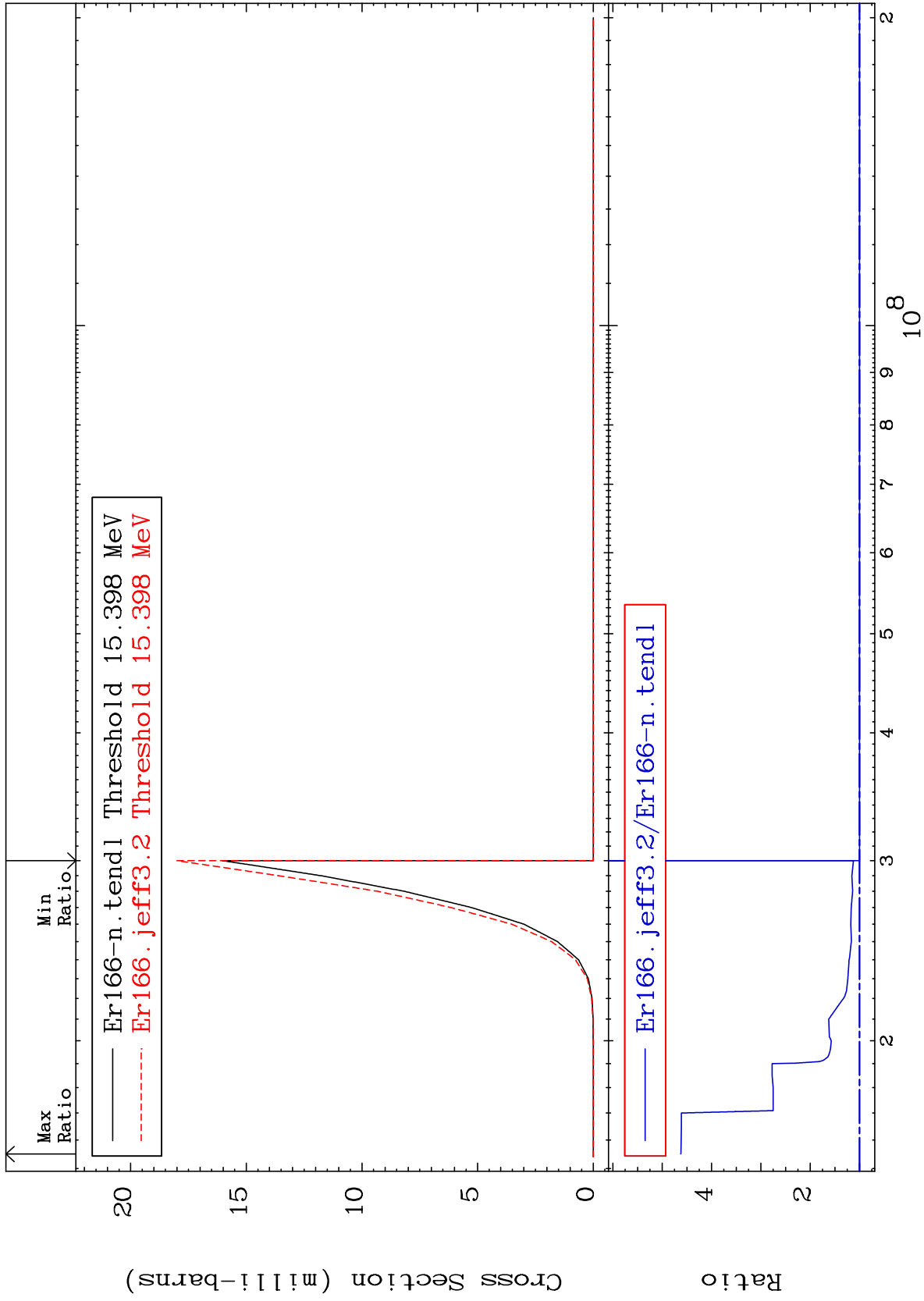




MAT 6837

(n,2n) p  
Cross Section

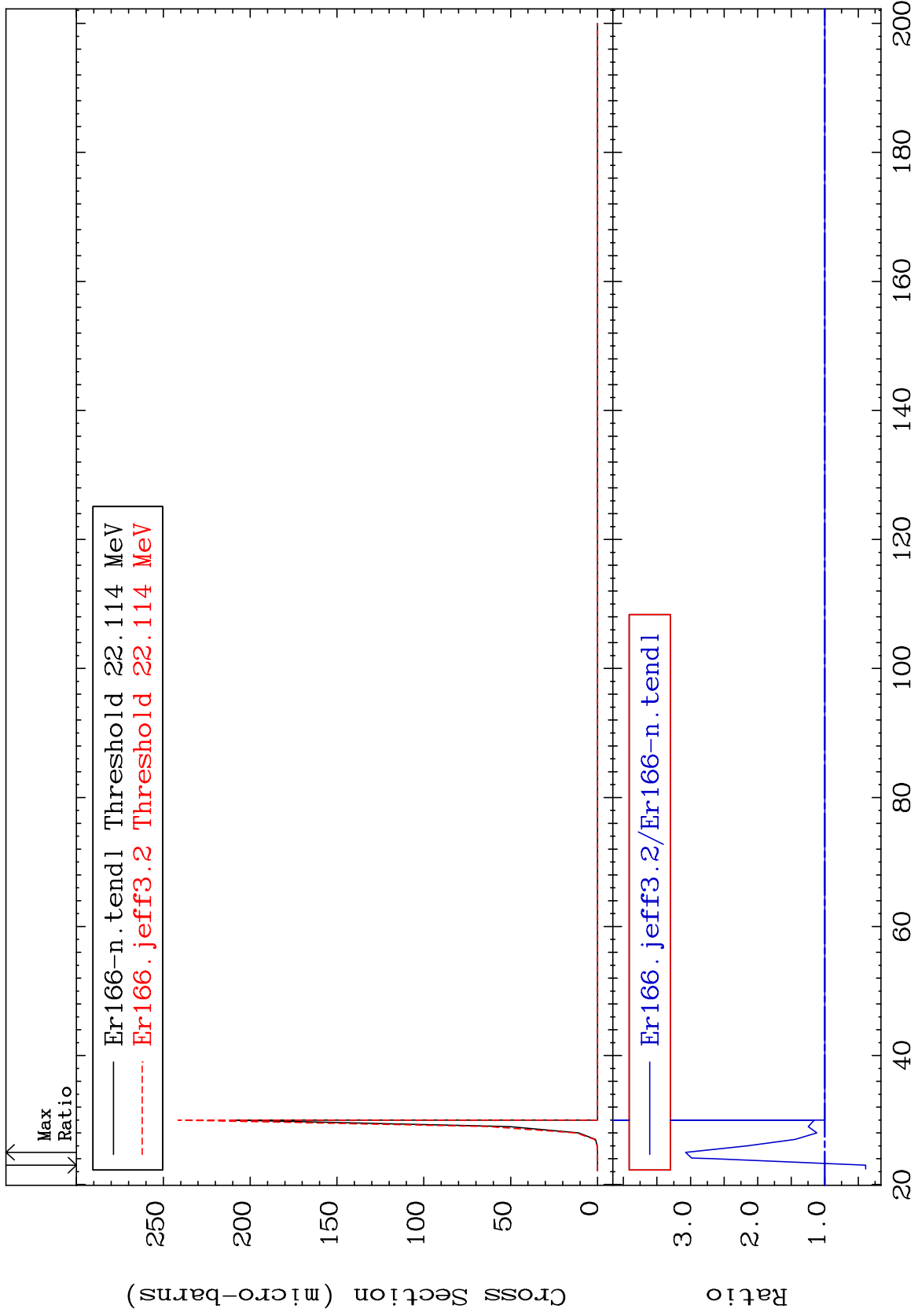
68-Er-166  
To 362.4 %  
0.000



MAT 6837

(n,3n) p  
Cross Section

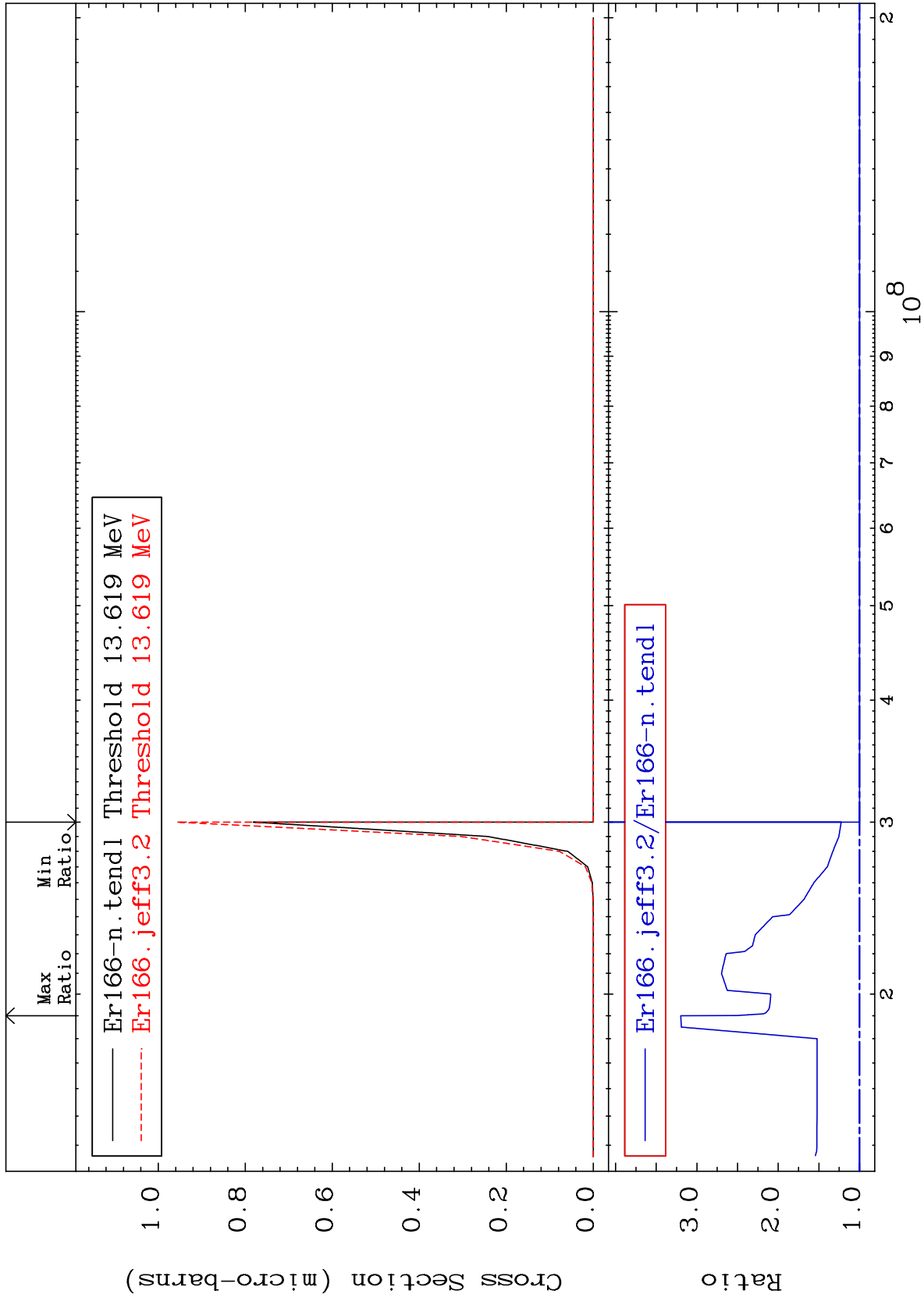
68-Er-166  
-60.93 To 207.3 %



MAT 6837

(n,2n) p  
Cross Section

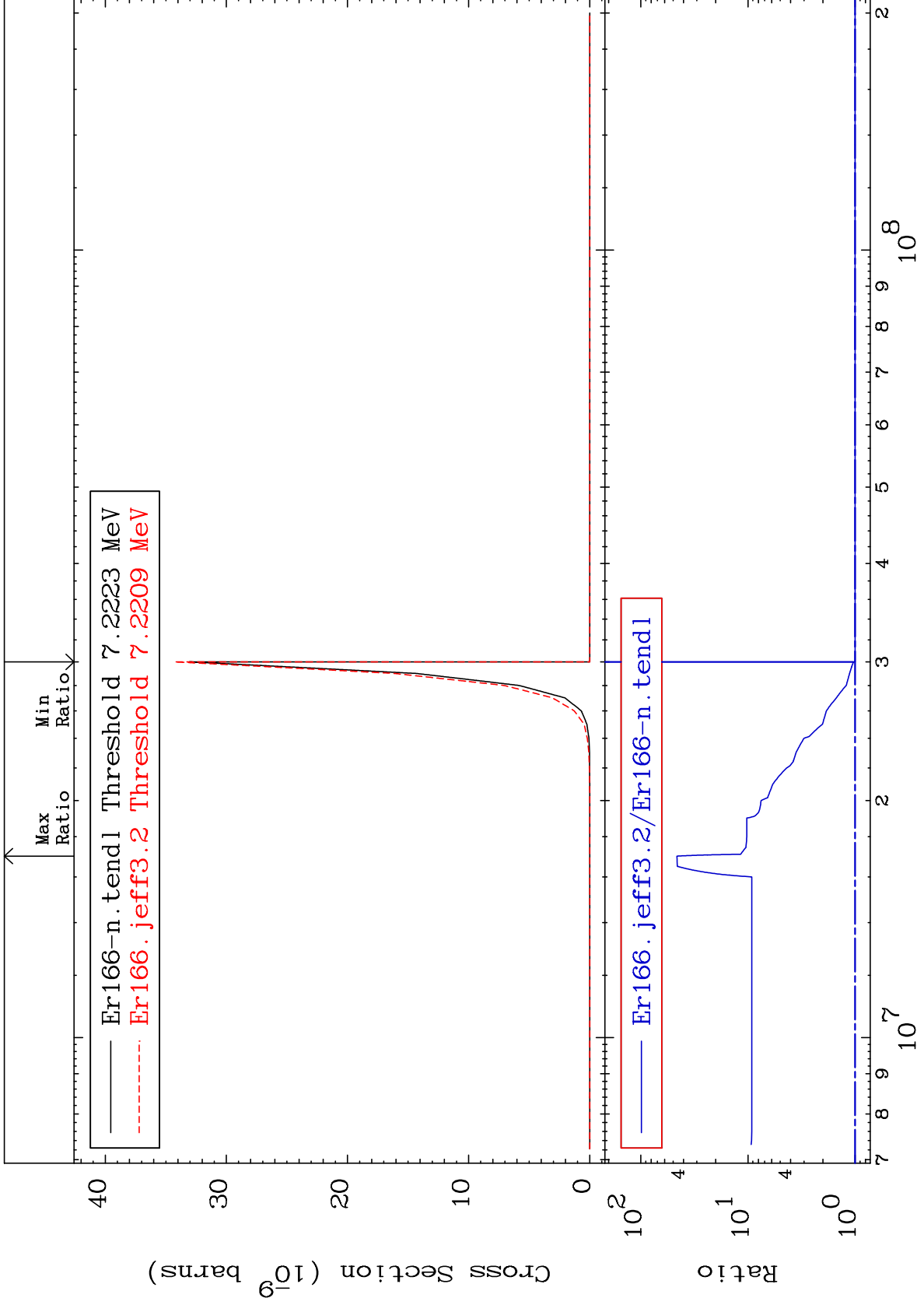
68-Er-166  
0.000 To 219.8 %



MAT 6837

(n,n') p  $\alpha$   
Cross Section

68-Er-166  
To 4504. %  
0.000



20

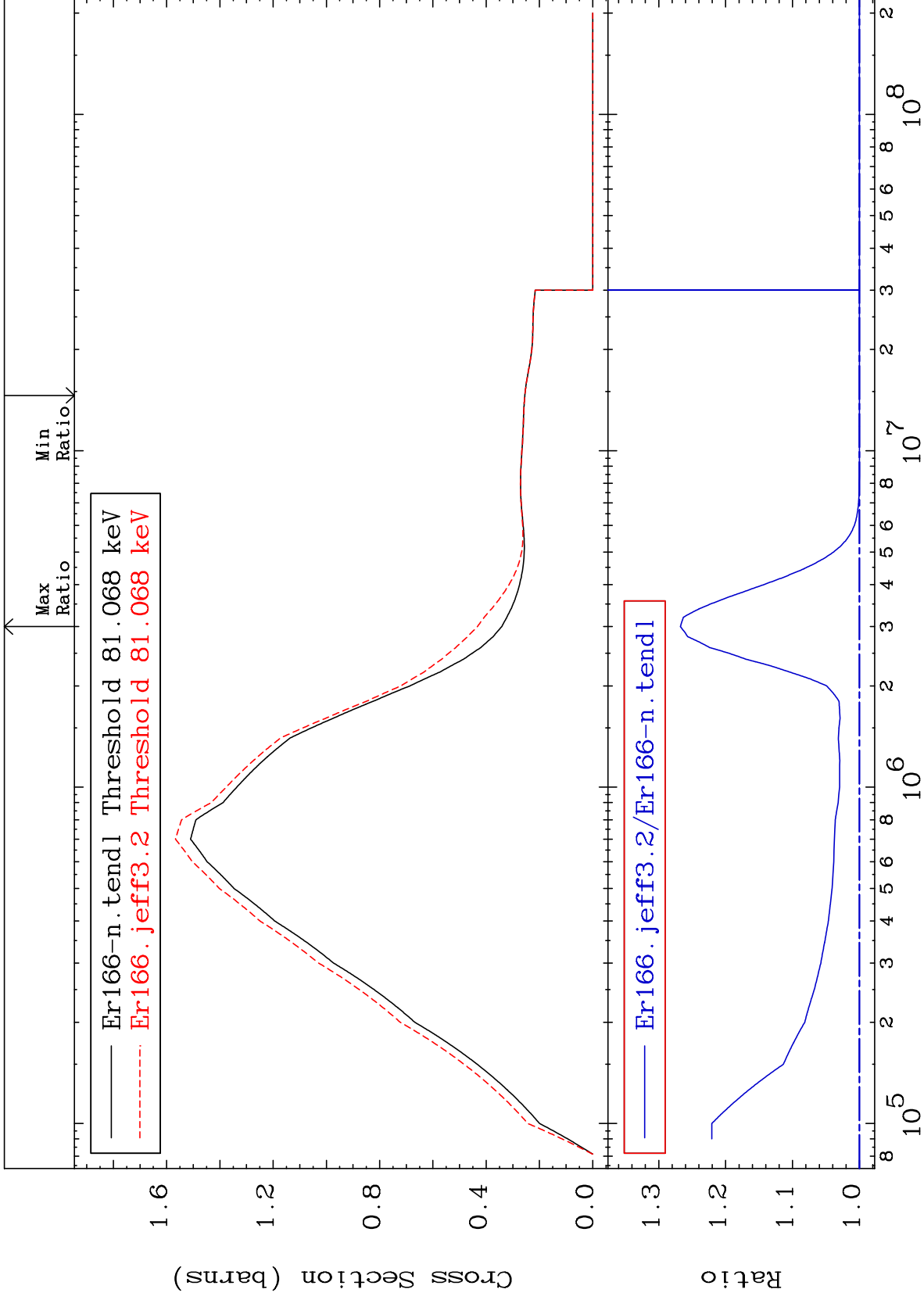
Incident Energy (eV)

68-Er-166

MAT 6837

80.58 keV (n,n') Level  
Cross Section

68-Er-166  
0.000 To 26.77 %



21

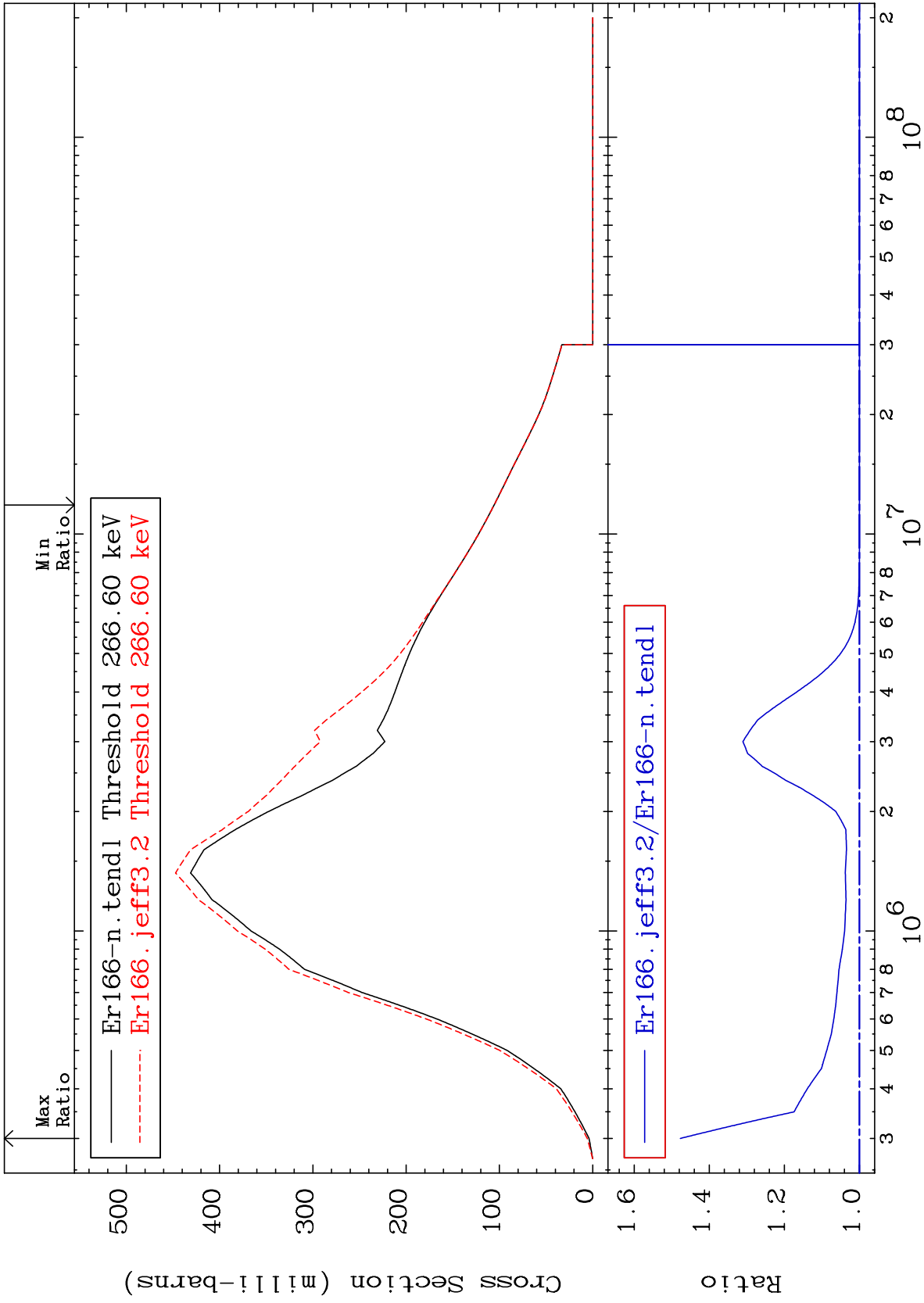
Incident Energy (eV)

68-Er-166

MAT 6837

265.0 keV (n,n') Level  
Cross Section

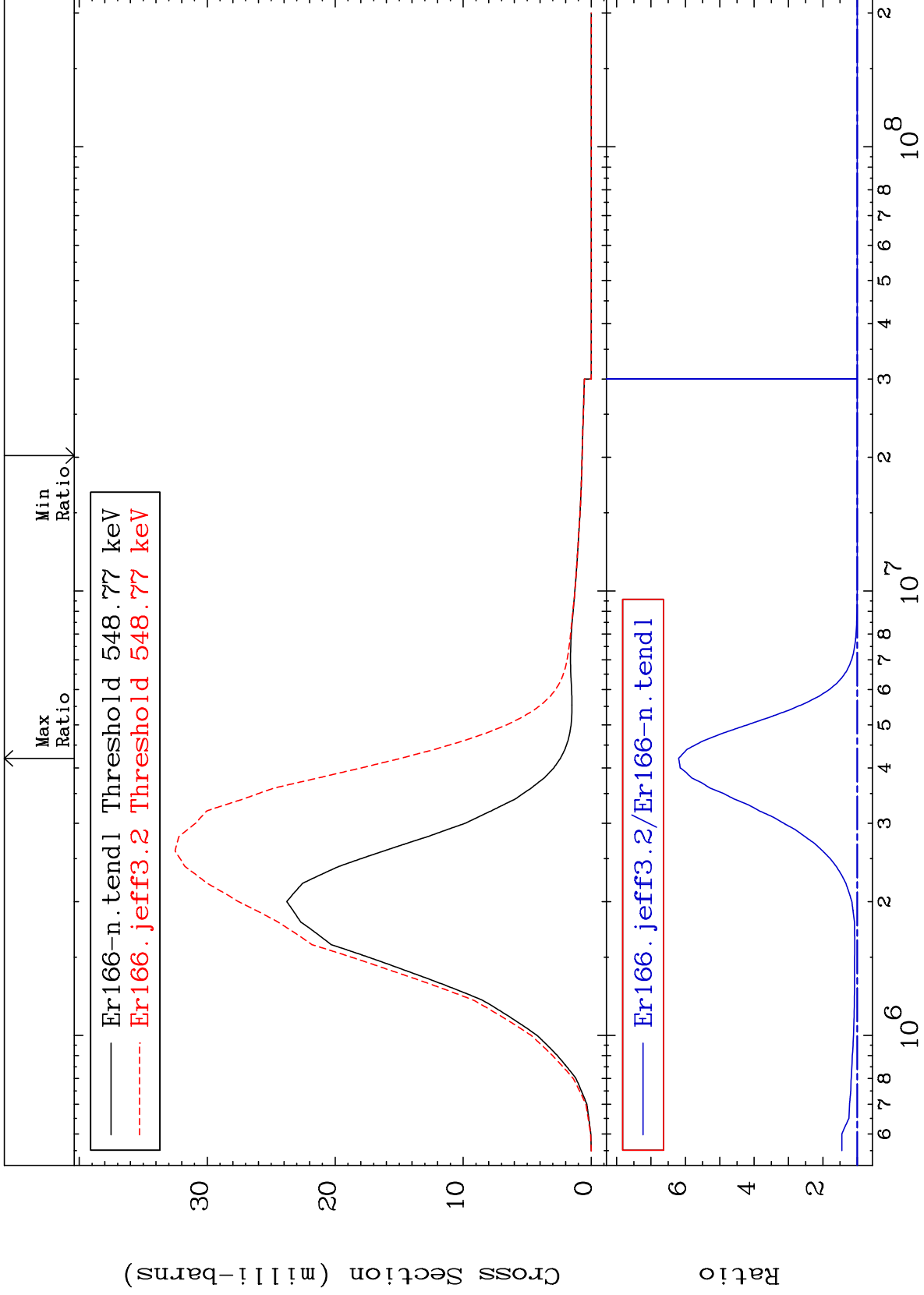
68-Er-166  
0.000 To 47.70 %



MAT 6837

545.5 keV (n,n') Level  
Cross Section

68-Er-166  
0.000 To 519.7 %

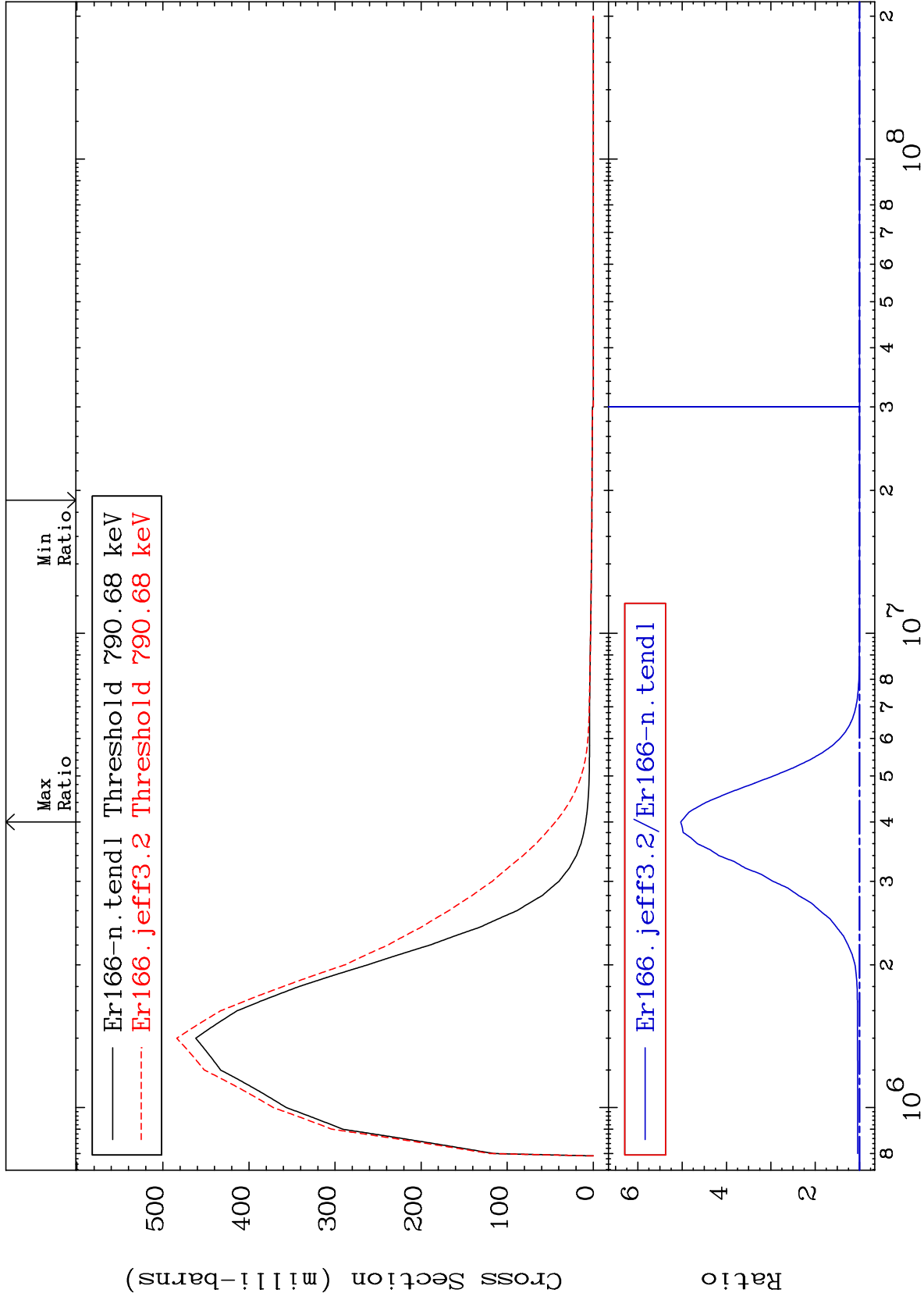


MAT 6837

785.9 keV (n,n') Level

68-Er-166

0.000 To 403.1 %



24

Incident Energy (eV)

68-Er-166



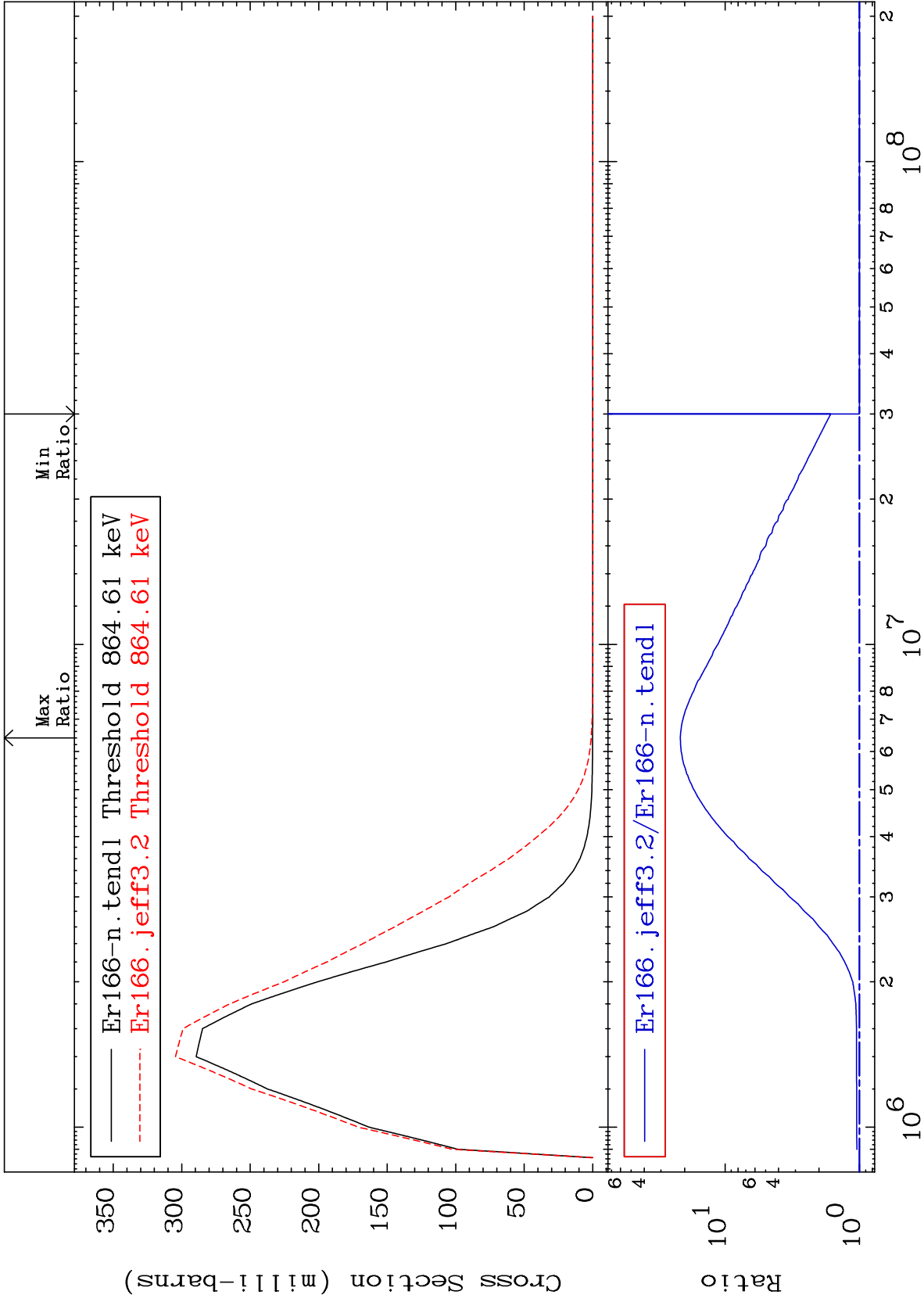
MAT 6837

859.4 keV (n,n') Level

68-Er-166

0.000 To 2051. %

Cross Section



25

Incident Energy (eV)

68-Er-166

MAT 6837

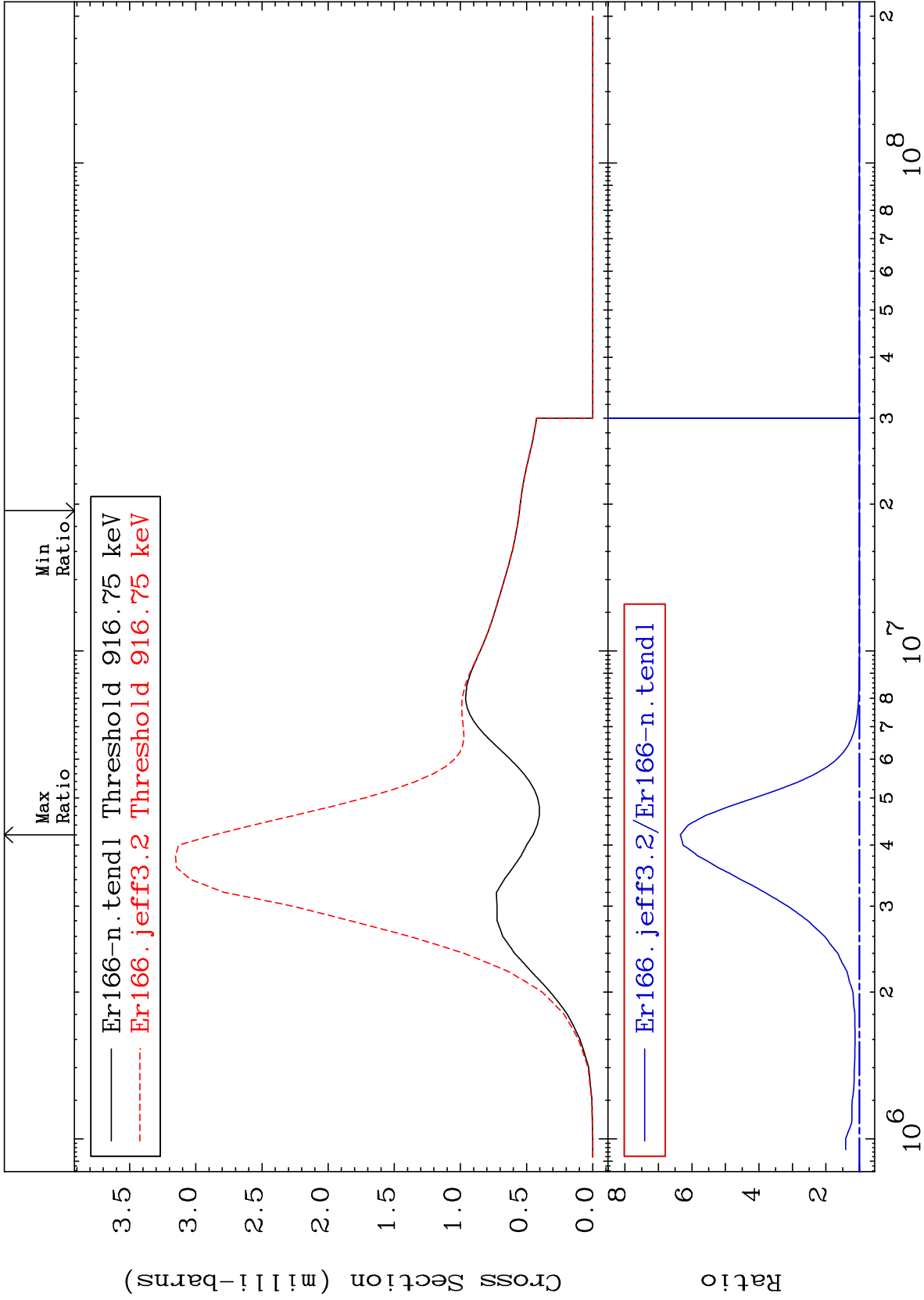
911.2 keV (n,n') Level

68-Er-166

0.000

To 534.4 %

Cross Section



26

Incident Energy (eV)

68-Er-166

MAT 6837

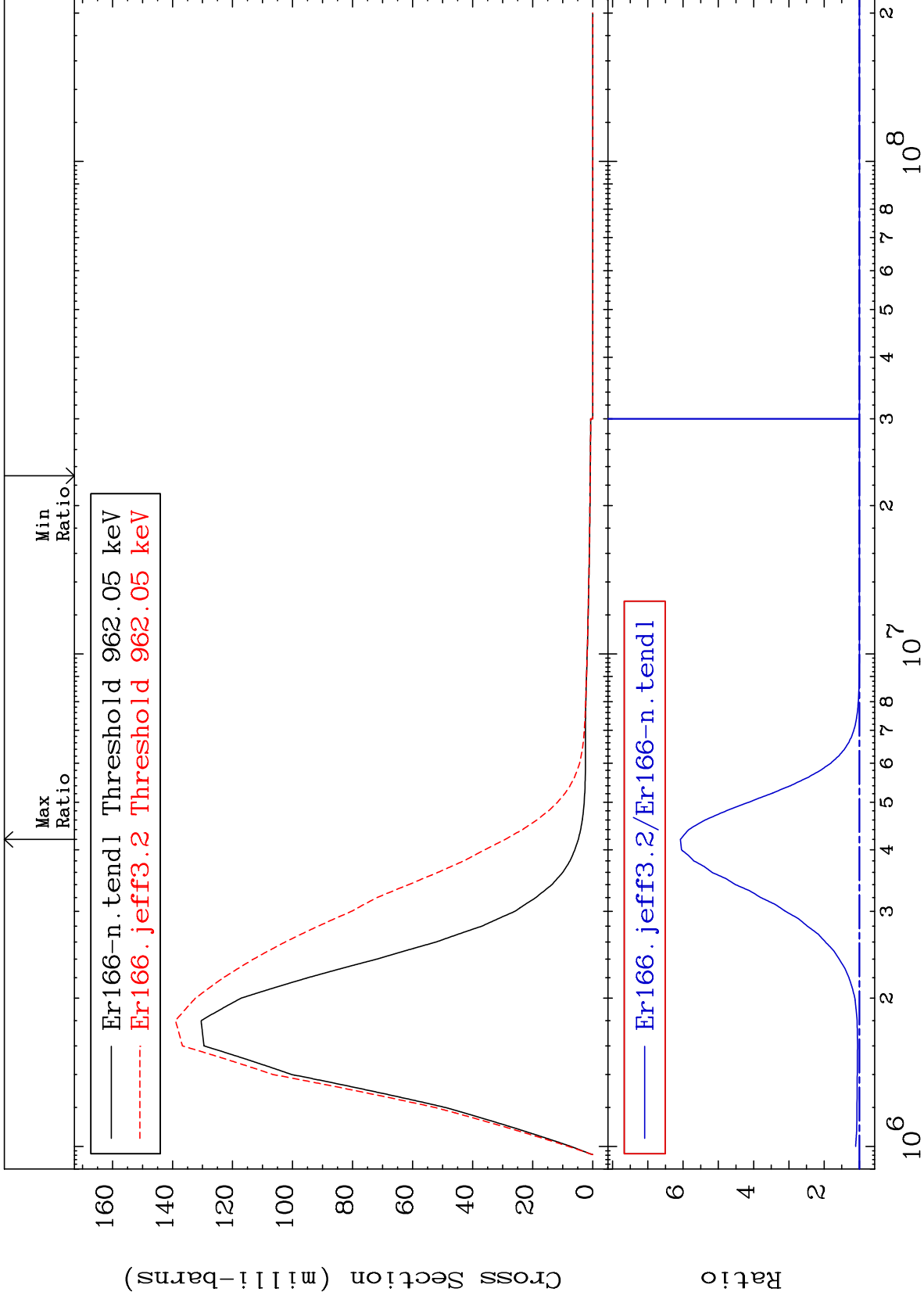
956.2 keV (n,n') Level

68-Er-166

Cross Section

0.000

To 507.7 %



27

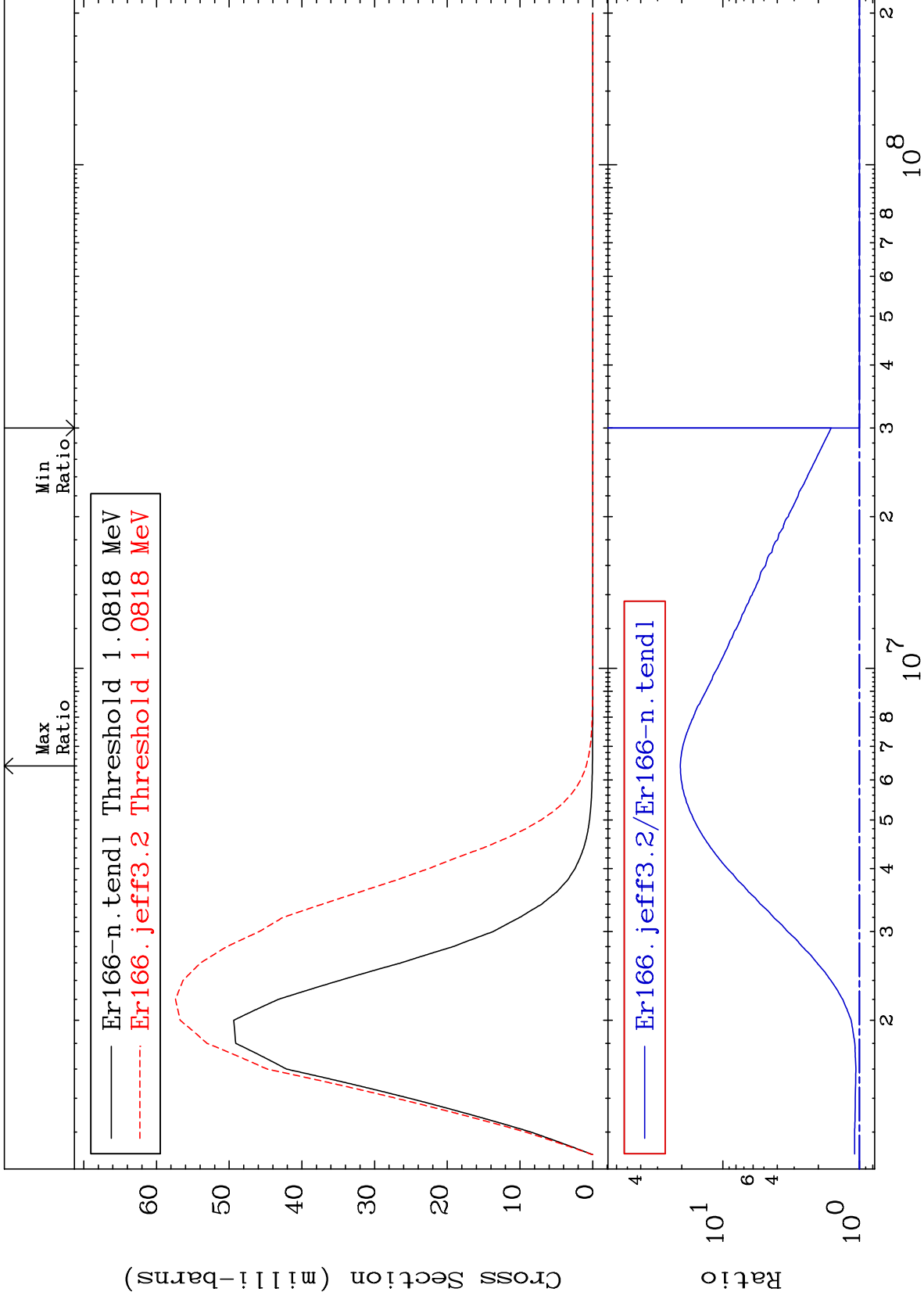
Incident Energy (eV)

68-Er-166

MAT 6837

1.075 MeV (n,n') Level  
Cross Section

68-Er-166  
To 1946. %

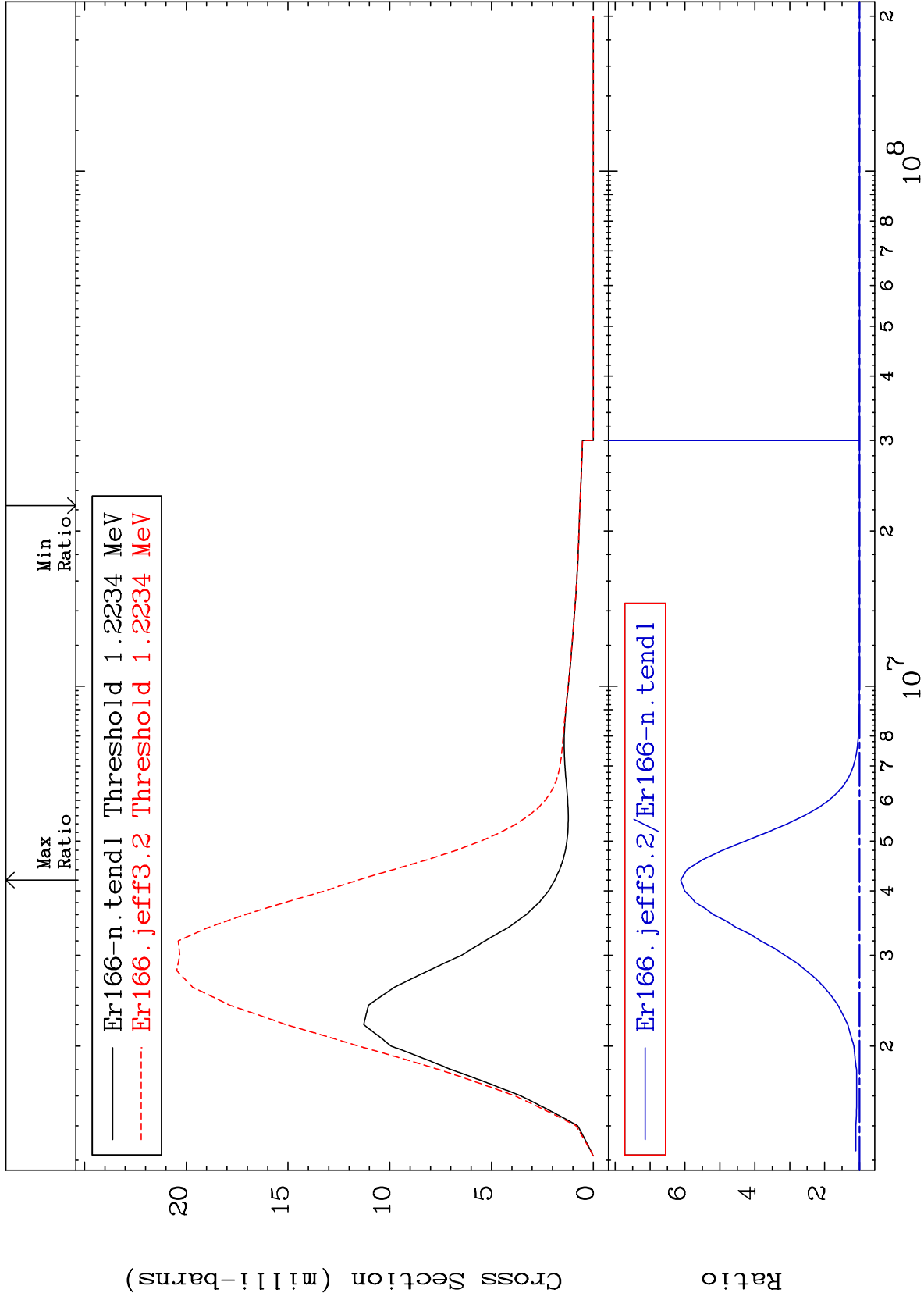


MAT 6837

1.216 MeV (n,n') Level

68-Er-166

0.000 To 512.0 %

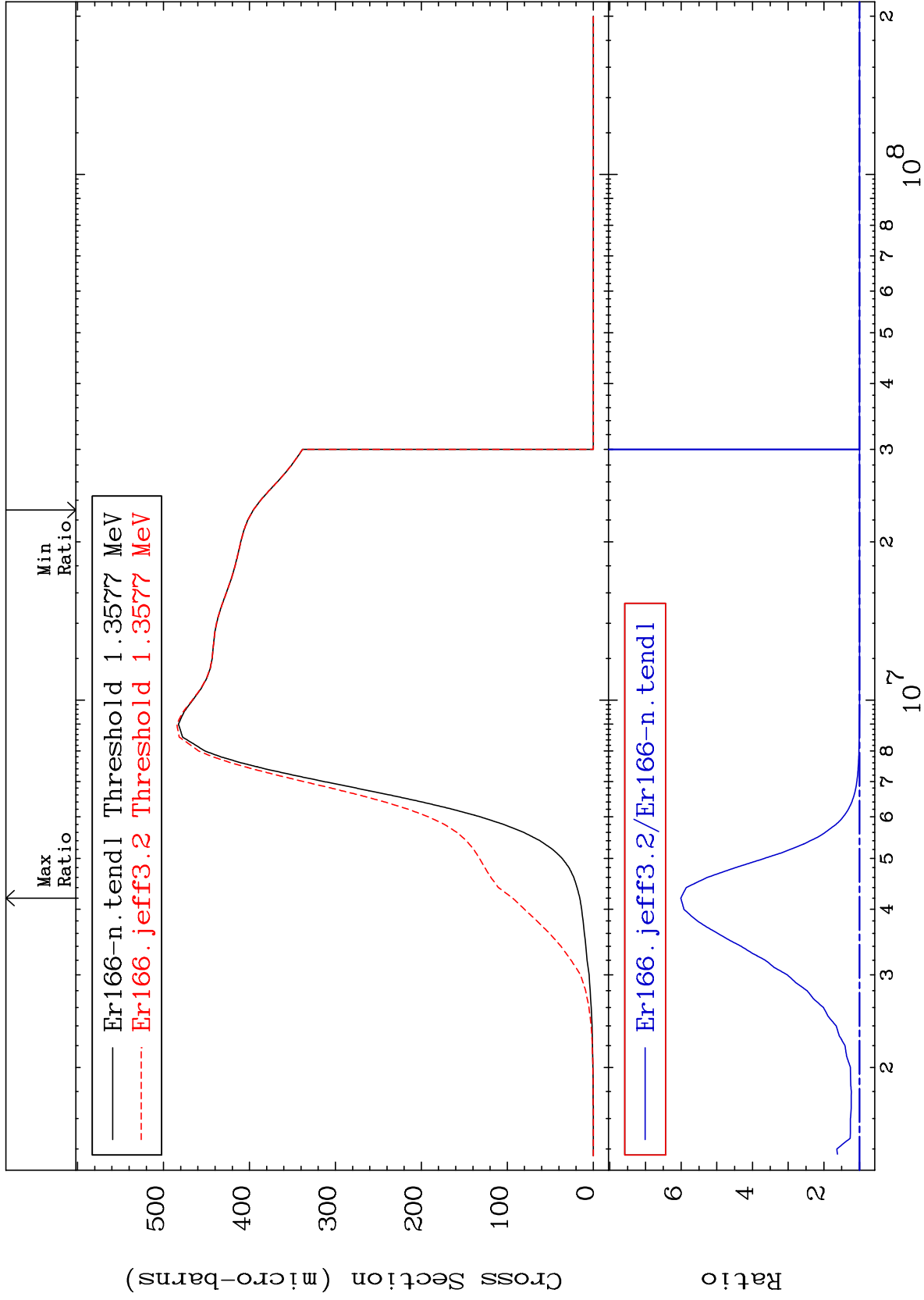


MAT 6837

1.350 MeV (n,n') Level

68-Er-166

0.000 To 501.0 %



30

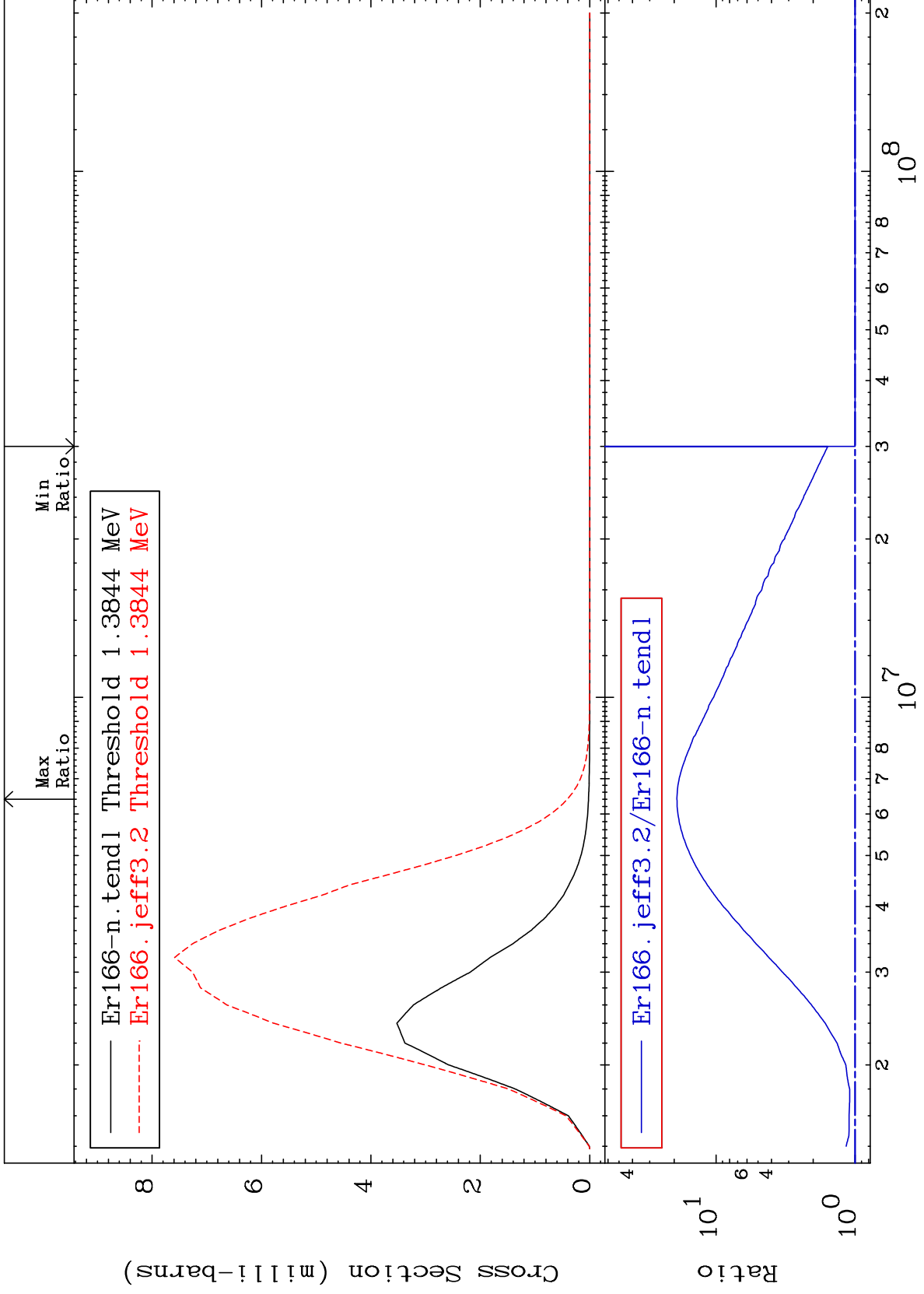
Incident Energy (eV)

68-Er-166

MAT 6837

1.376 MeV (n,n') Level  
Cross Section

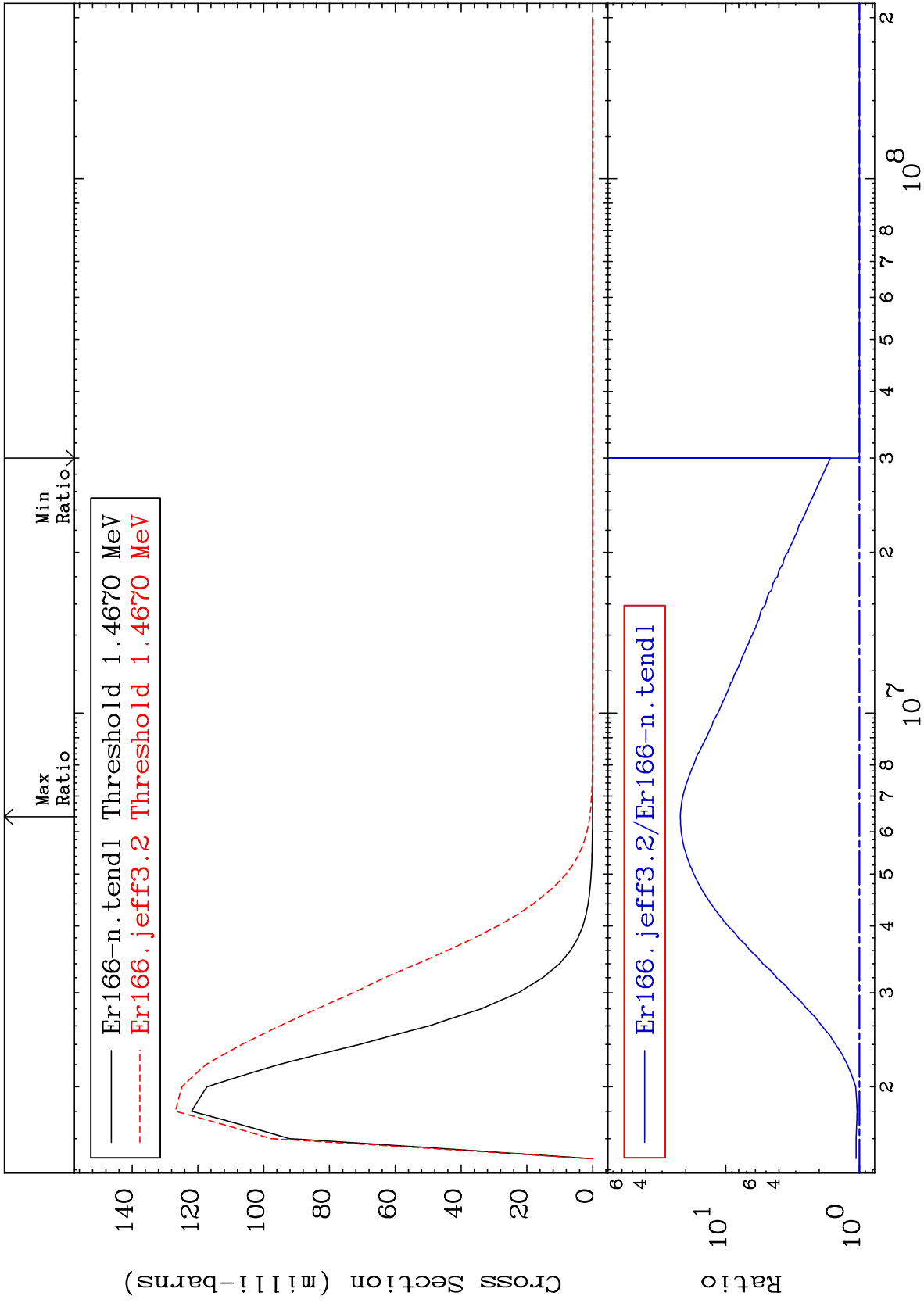
68-Er-166  
0.000 To 1813. %



MAT 6837

1.458 MeV (n,n') Level  
Cross Section

68-Er-166  
To 2090. %

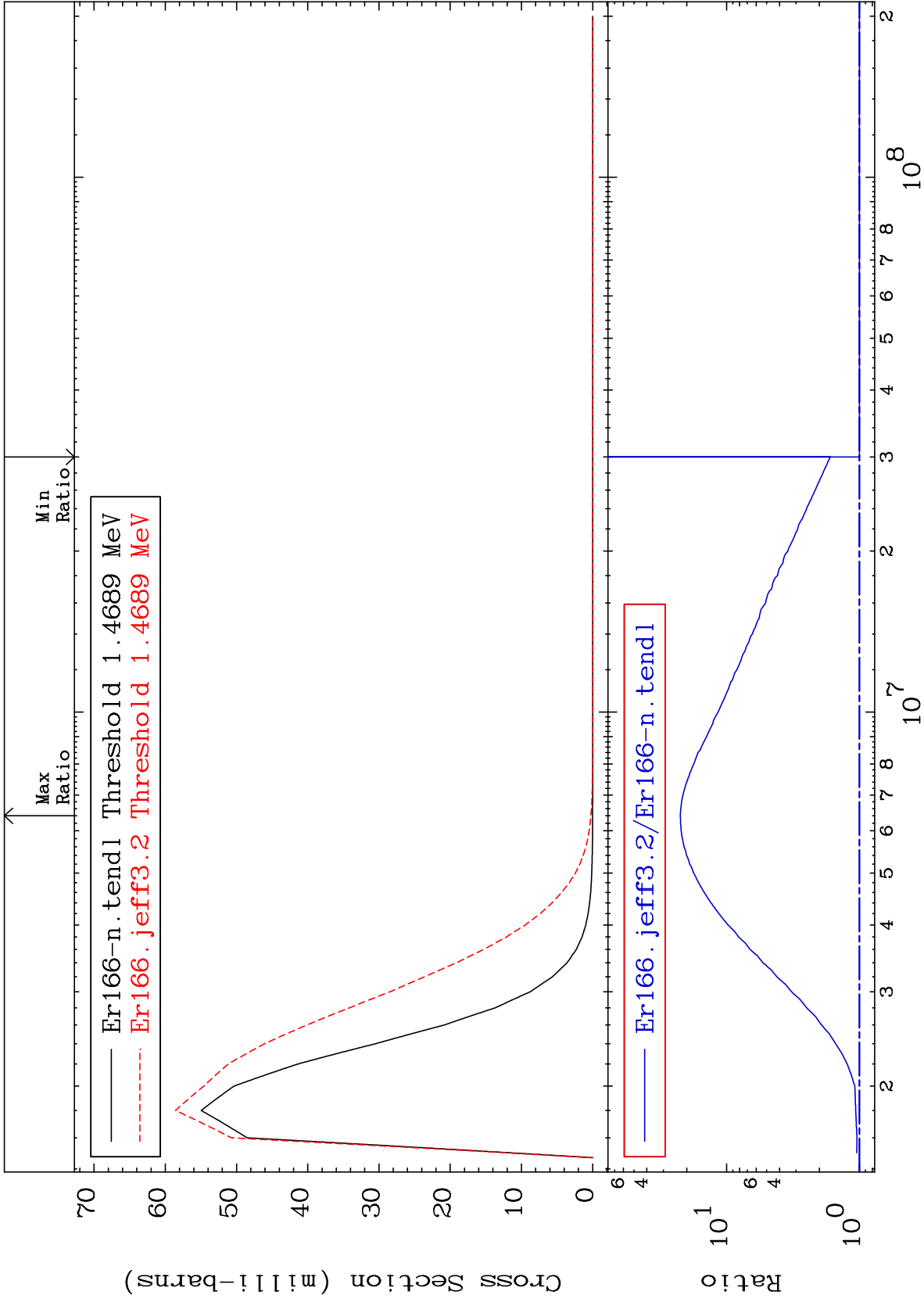




MAT 6837

1.460 MeV (n,n') Level  
Cross Section

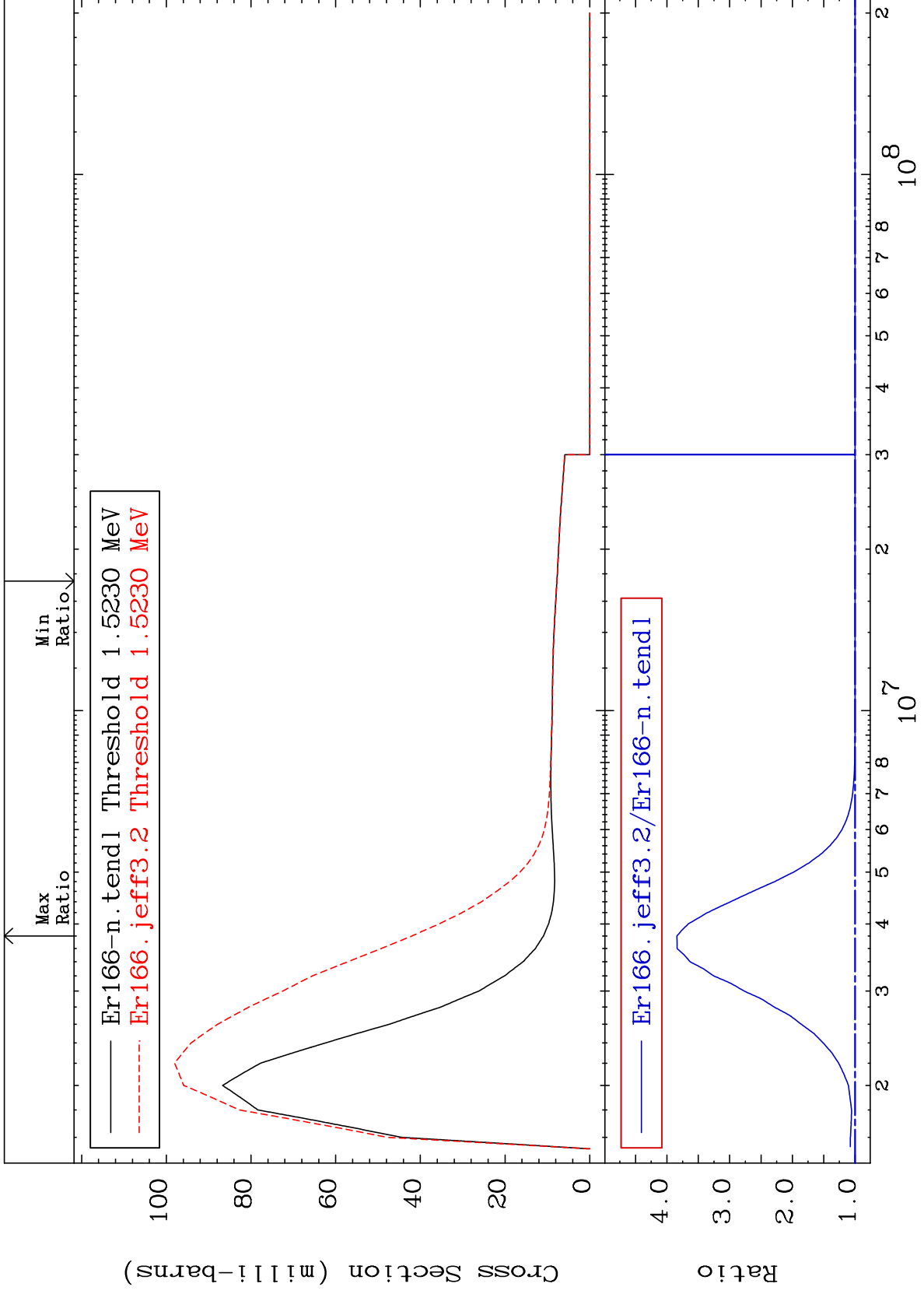
68-Er-166  
0.000 To 2134. %



MAT 6837

1.514 MeV (n,n') Level  
Cross Section

68-Er-166  
0.000 To 284.1 %

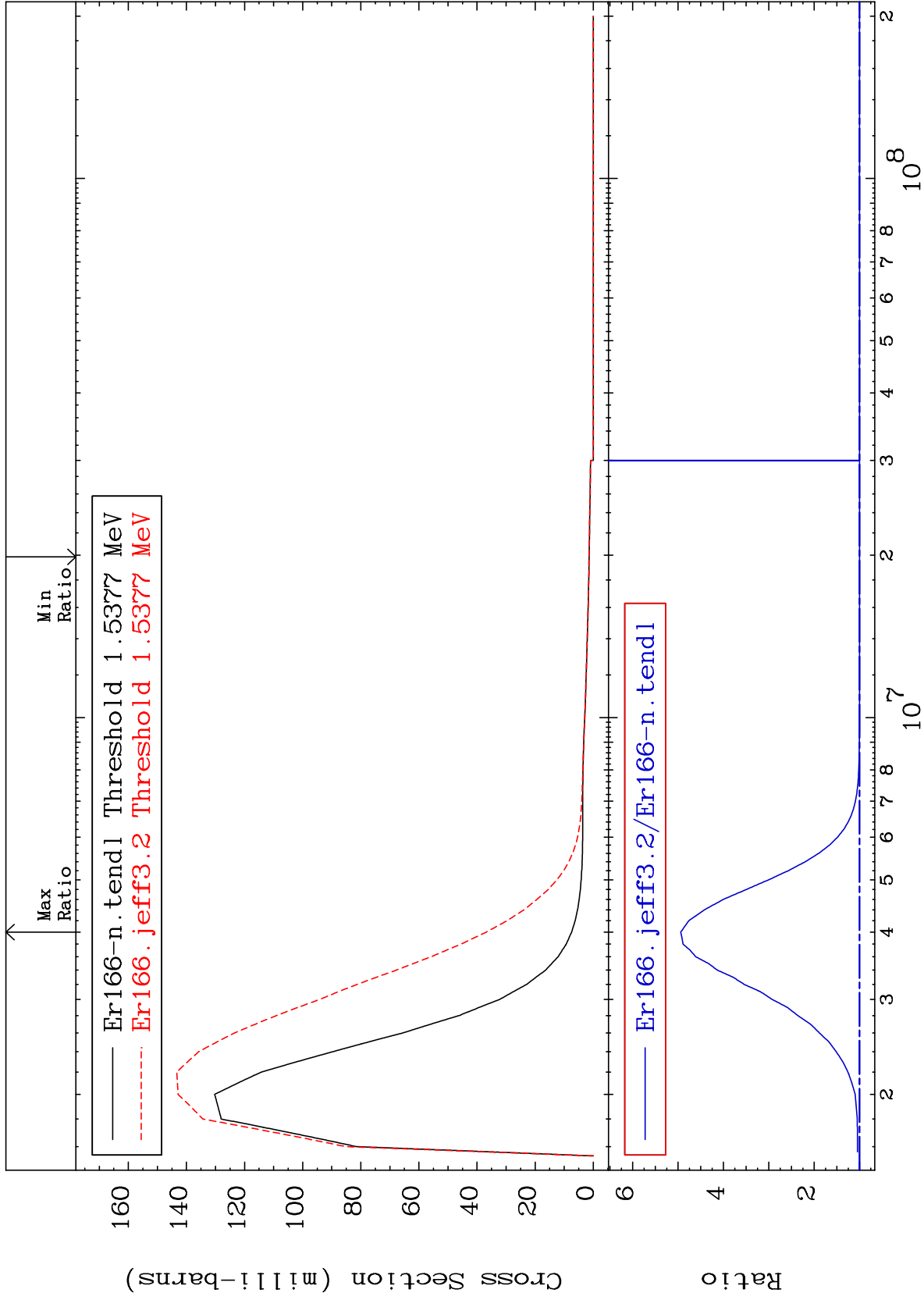


MAT 6837

1.528 MeV (n,n') Level

68-Er-166

0.000 To 394.1 %

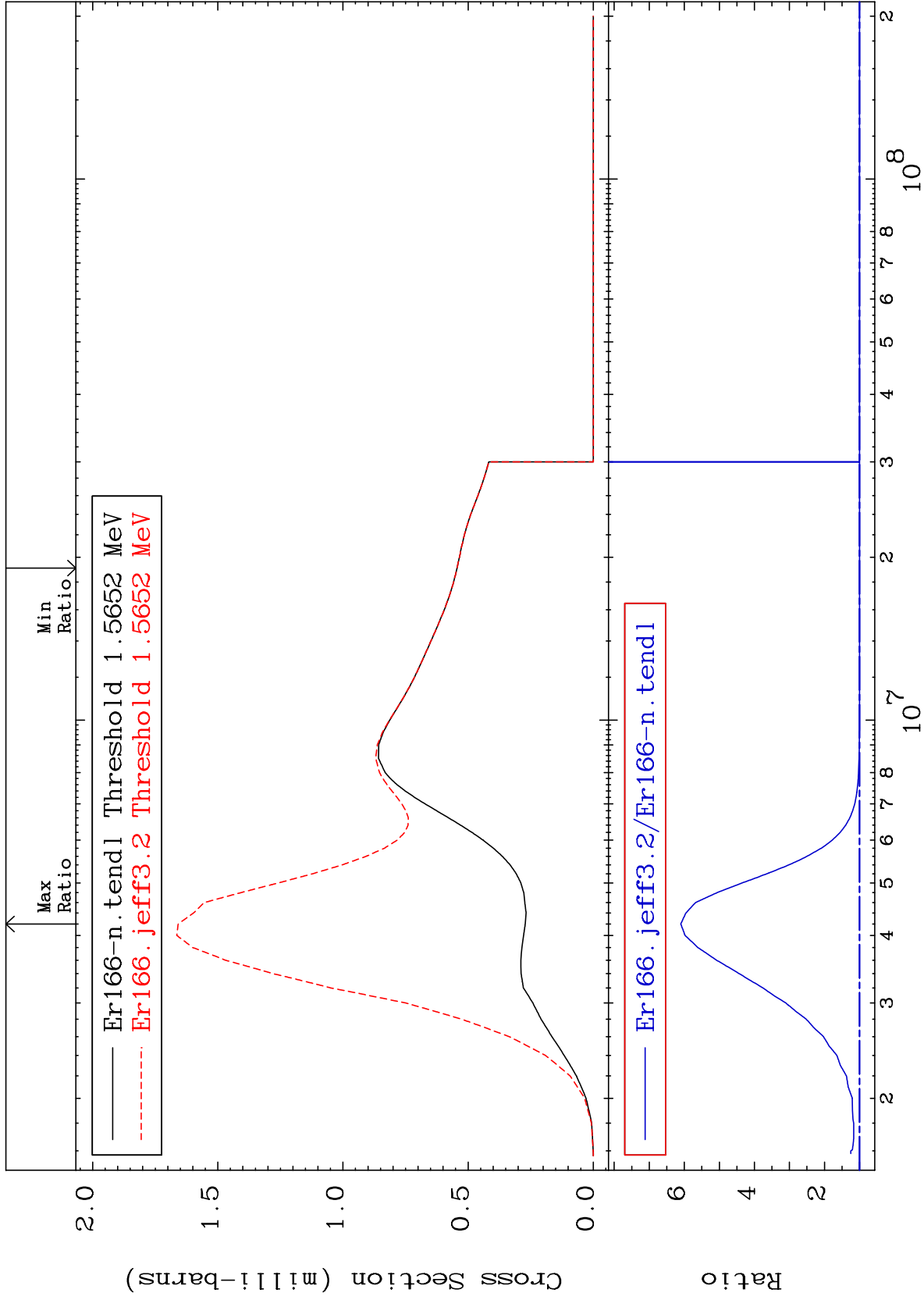


MAT 6837

1.556 MeV (n,n') Level

68-Er-166

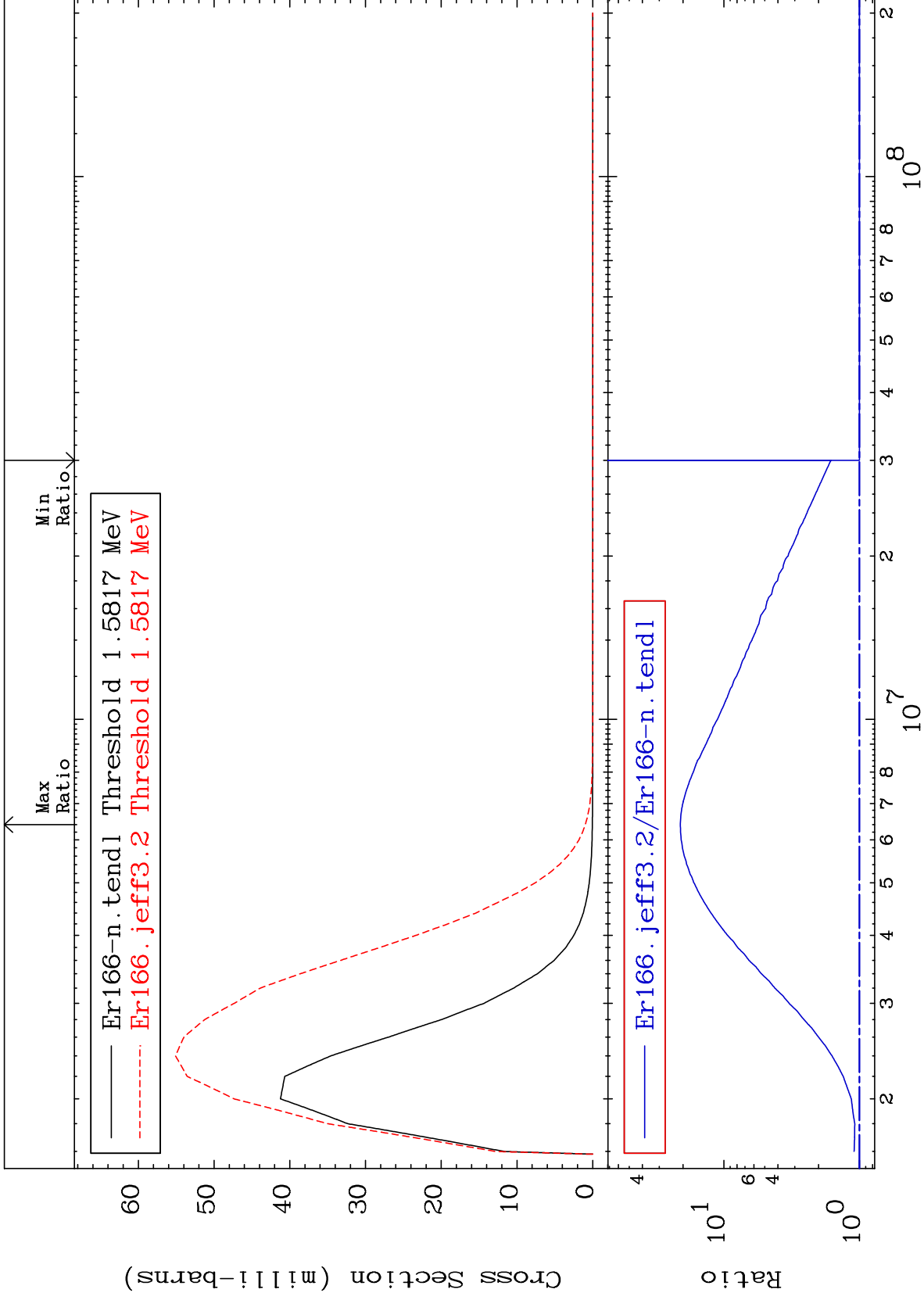
0.000 To 510.0 %



MAT 6837

1.572 MeV (n,n') Level  
Cross Section

68-Er-166  
To 1995. %

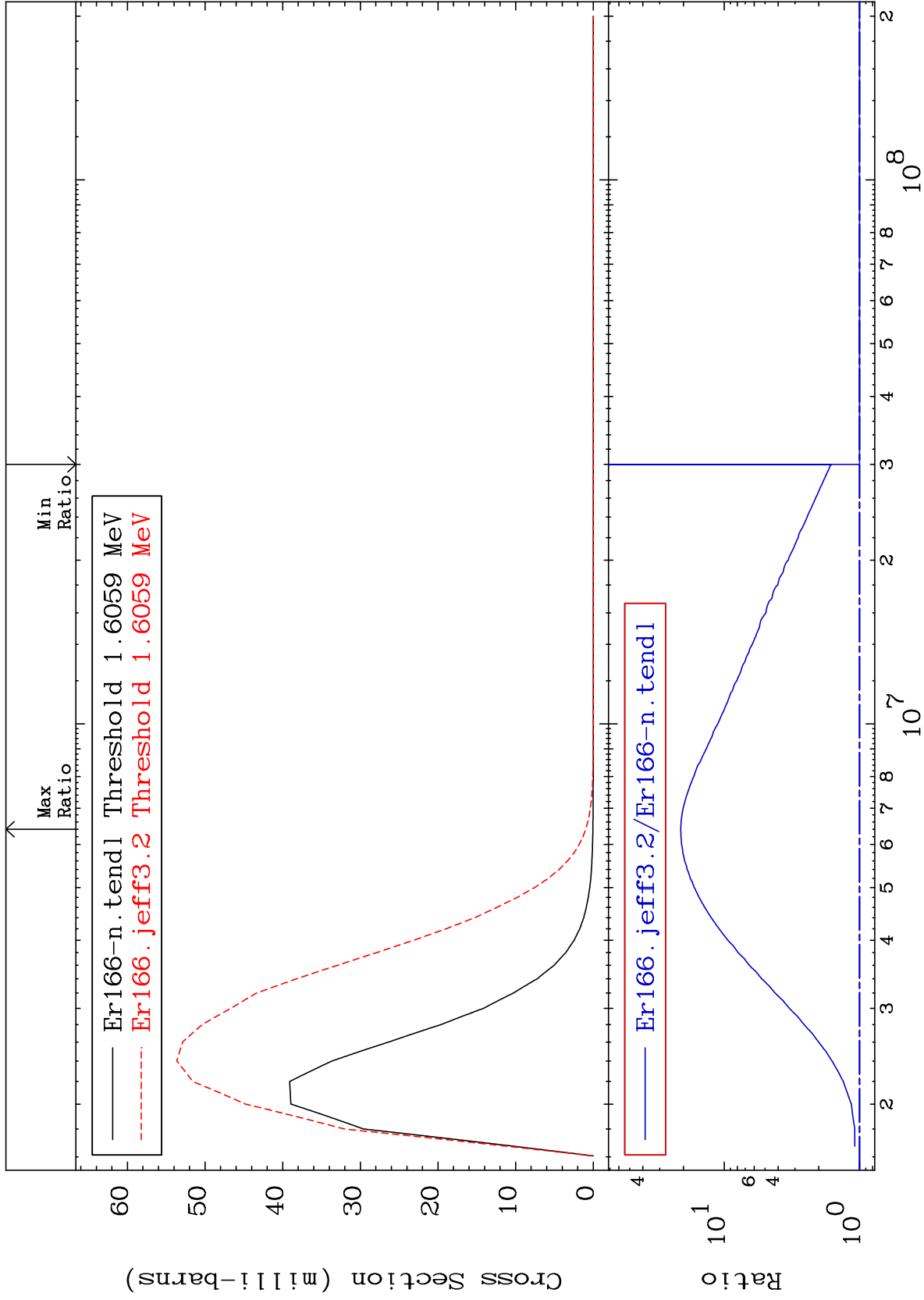


MAT 6837

1.596 MeV (n,n') Level

68-Er-166

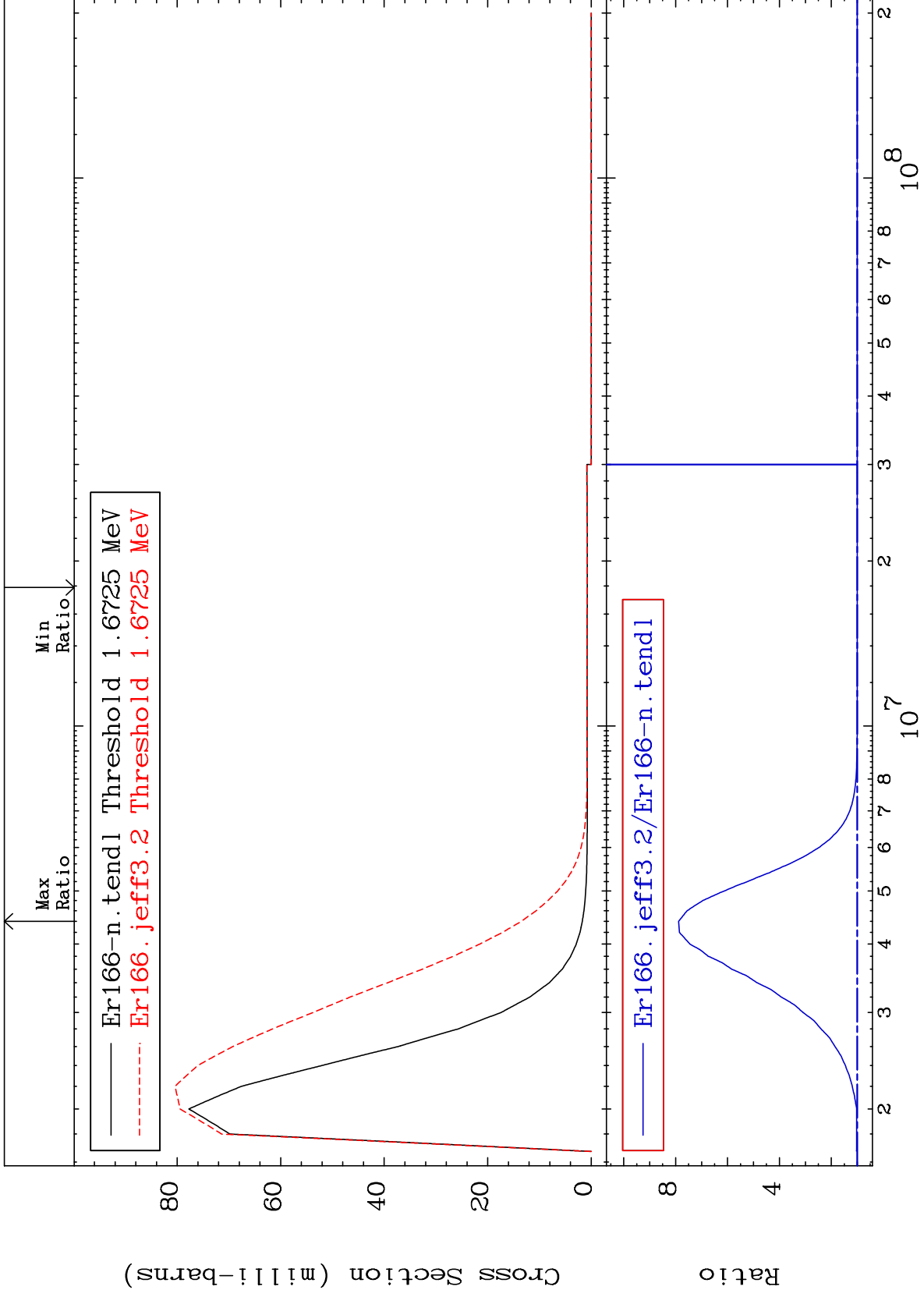
0.000 To 1995. %



MAT 6837

1.662 MeV (n,n') Level  
Cross Section

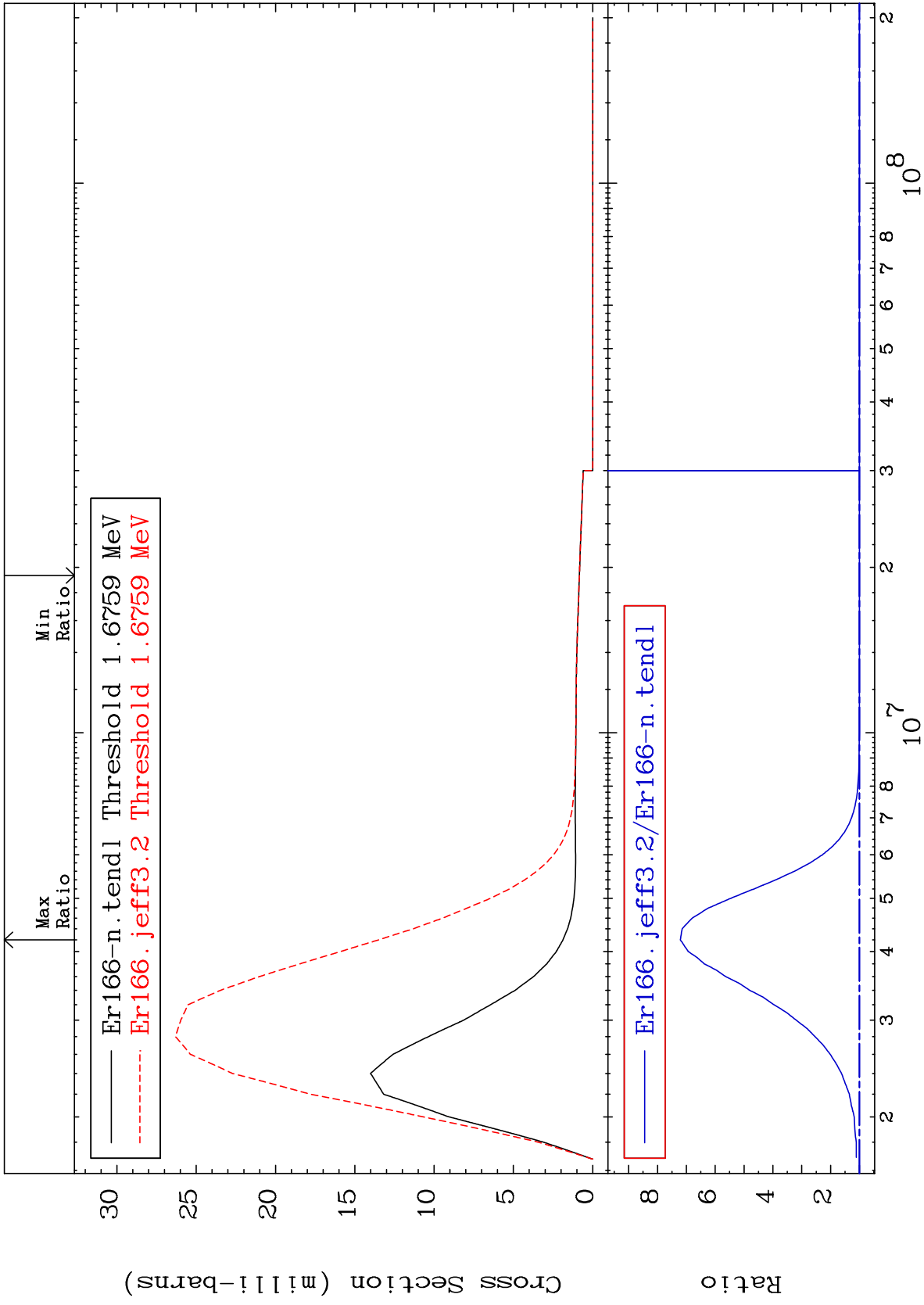
68-Er-166  
0.000 To 688.5 %



MAT 6837

1.666 MeV (n,n') Level  
Cross Section

68-Er-166  
0.000 To 620.8 %



40

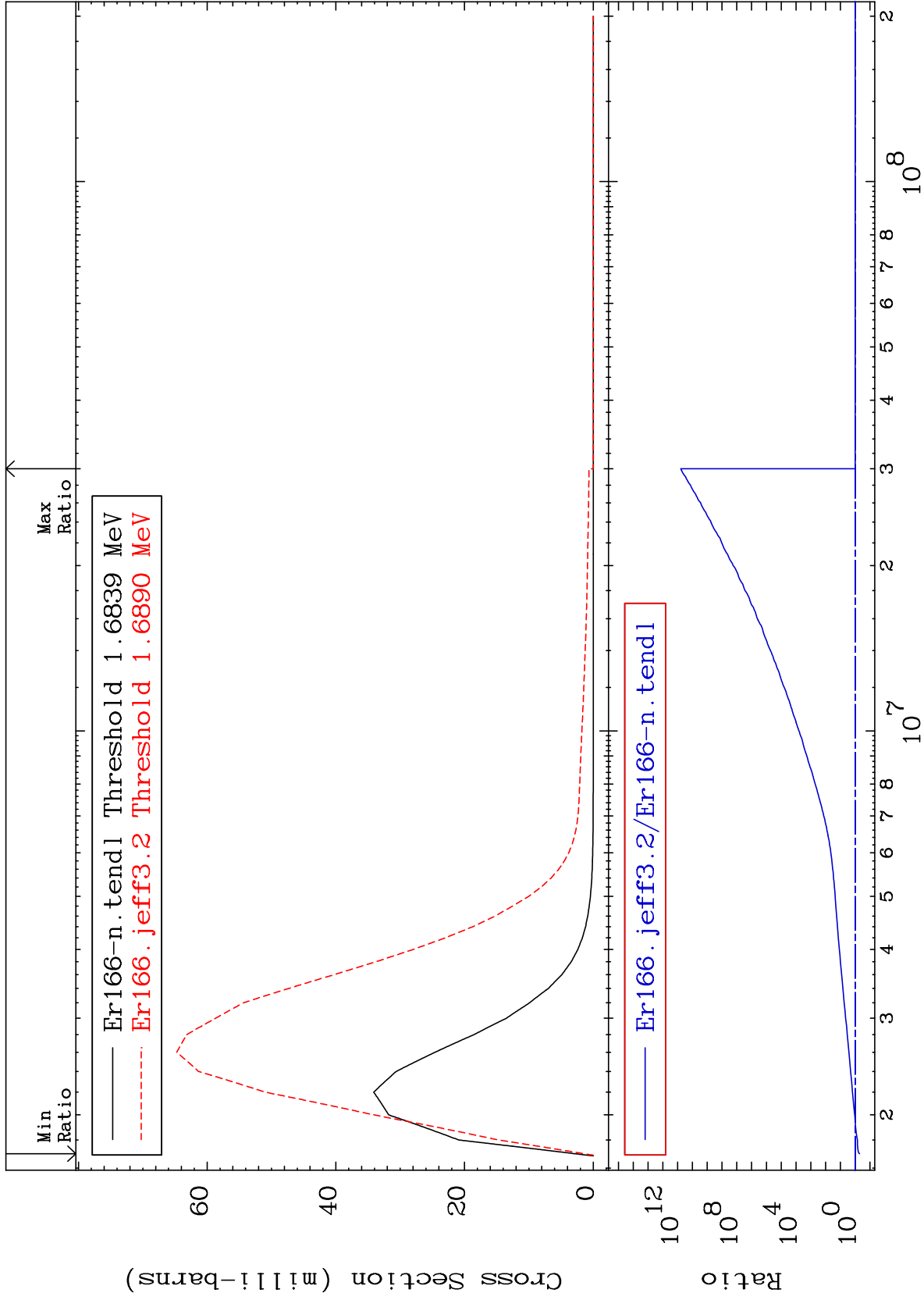
68-Er-166



MAT 6837

1.674 MeV (n,n') Level  
Cross Section

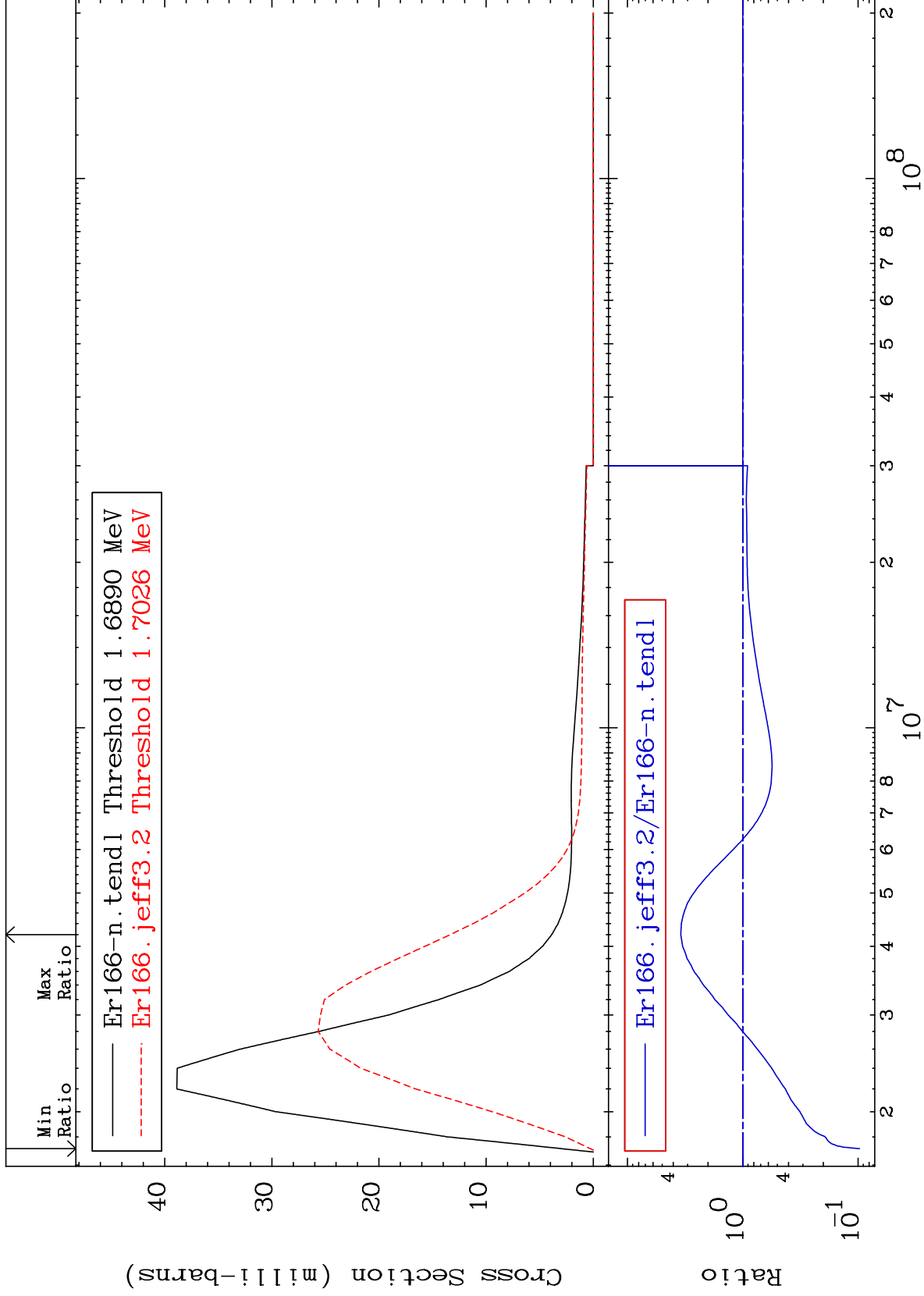
68-Er-166  
-49.78 To 9999. %



MAT 6837

1.679 MeV (n,n') Level  
Cross Section

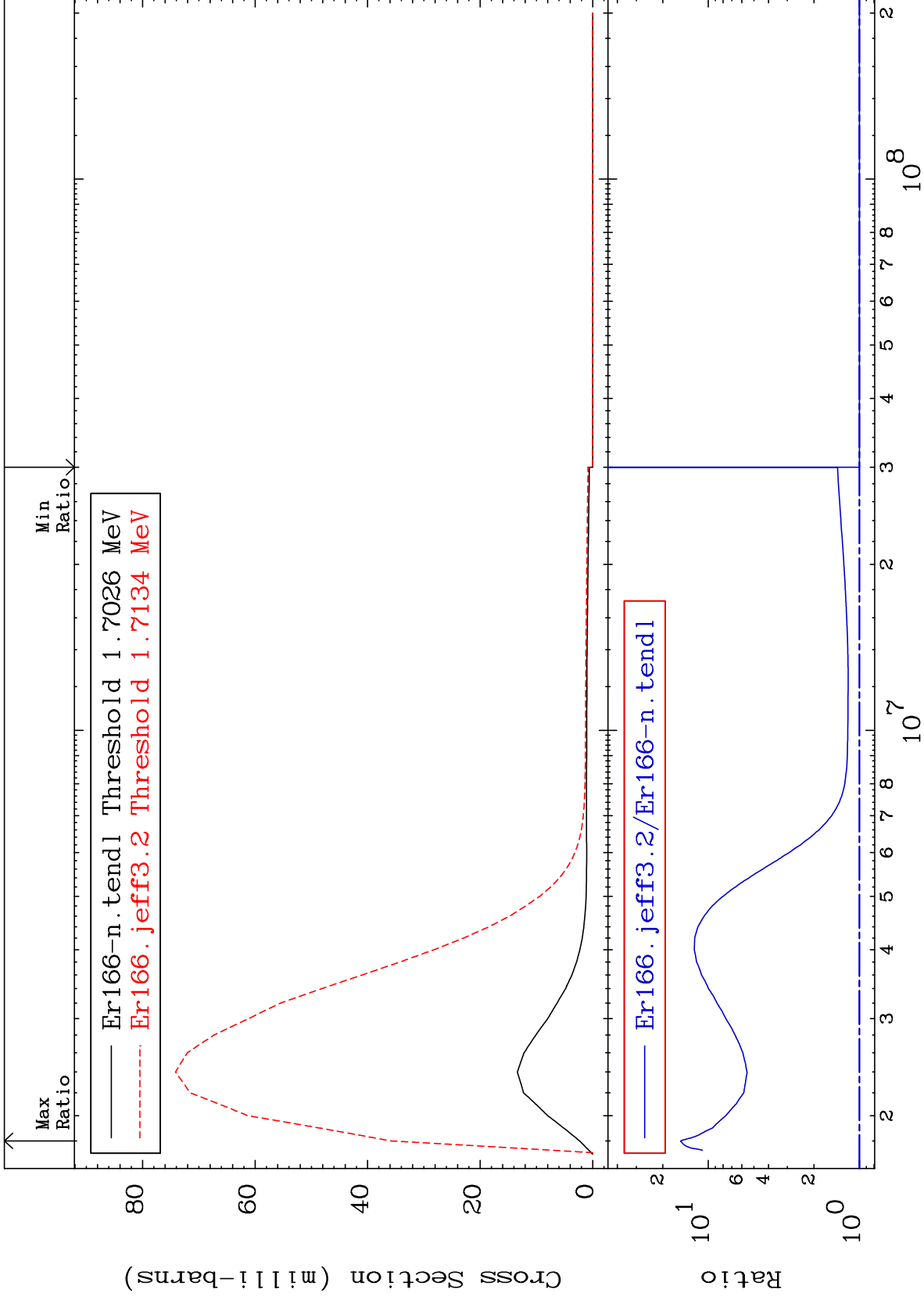
68-Er-166  
-90.31 To 244.5 %



MAT 6837

1.692 MeV (n,n') Level  
Cross Section

68-Er-166  
To 1432. %



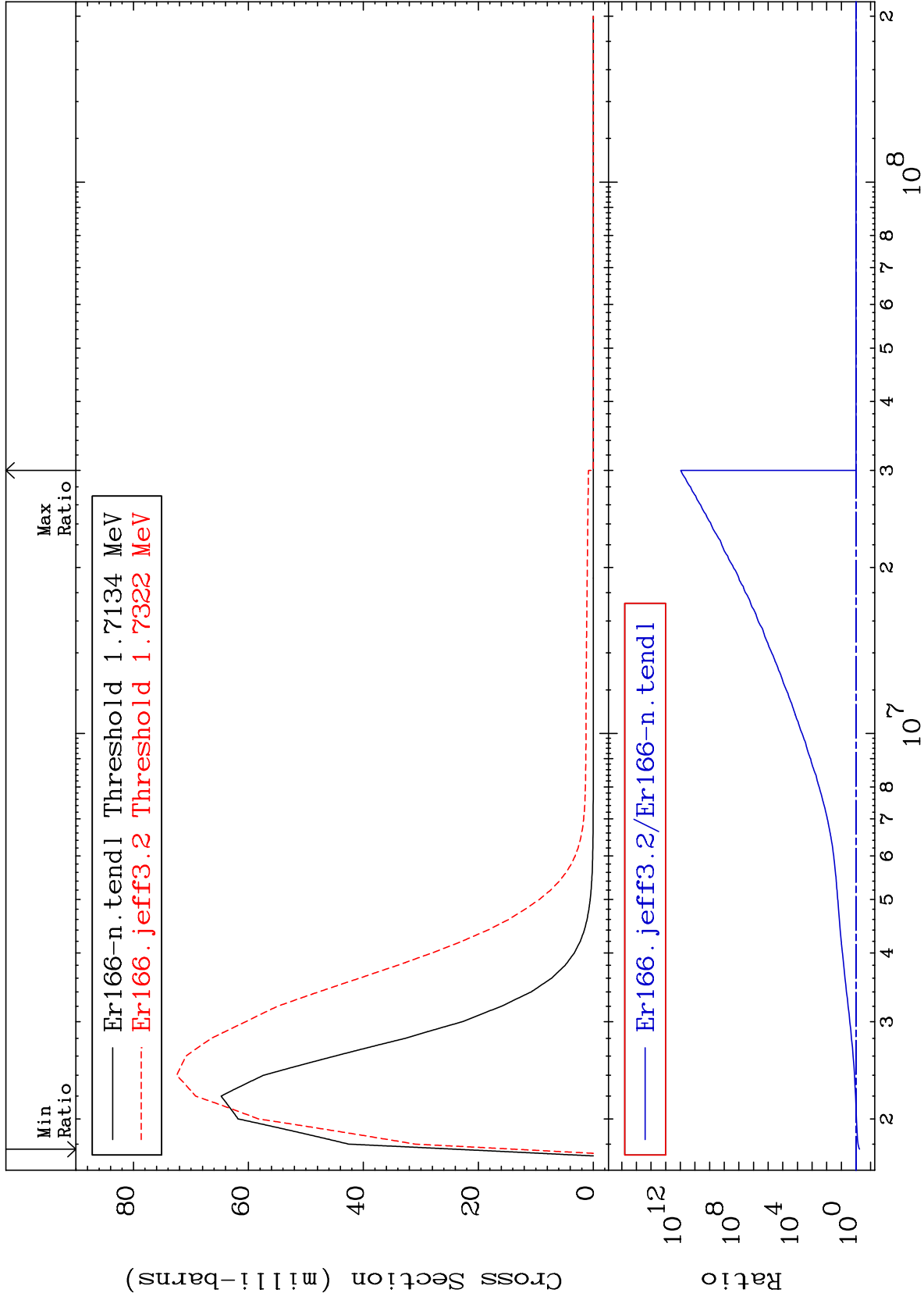
MAT 6837

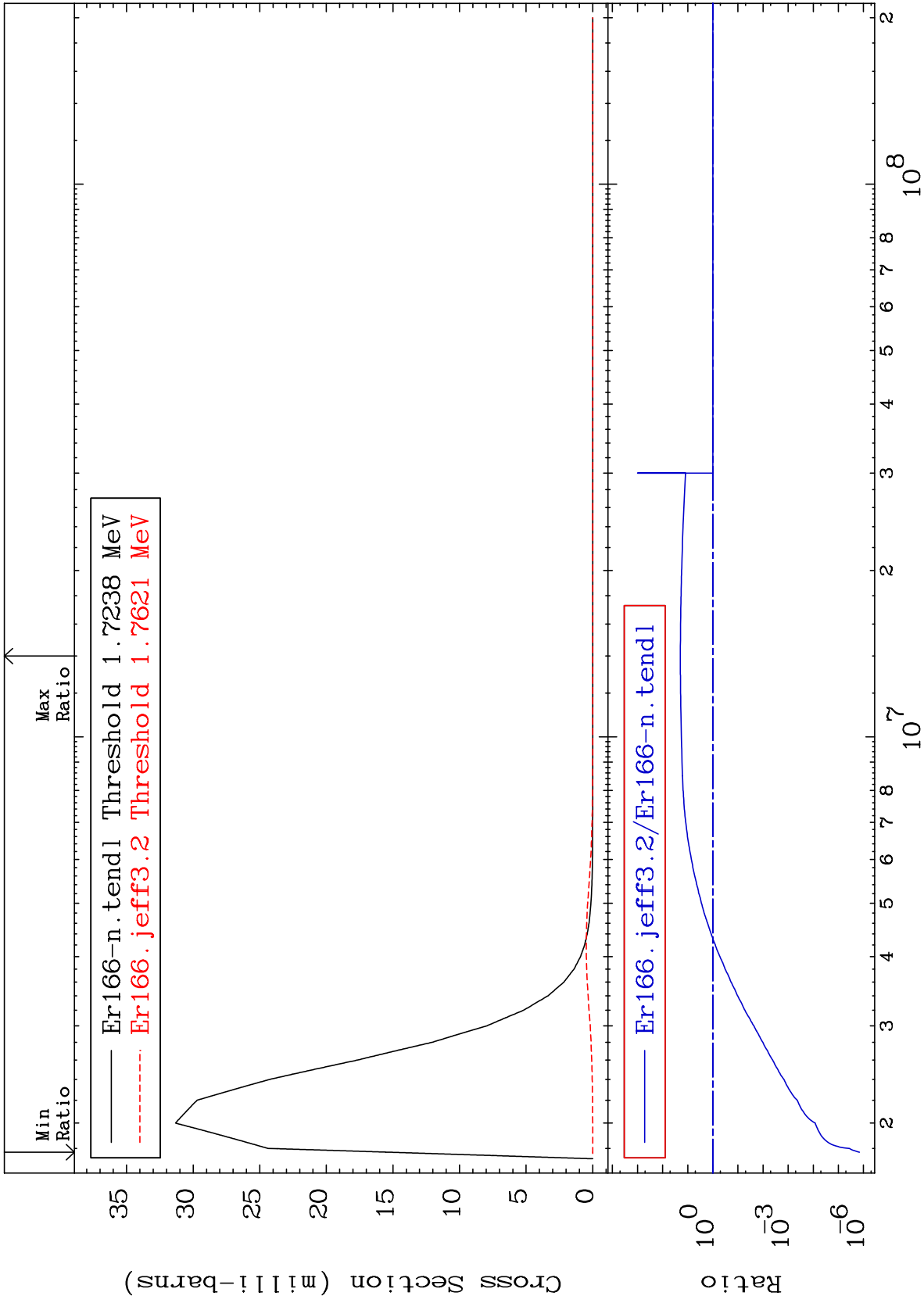
1.703 MeV (n,n') Level

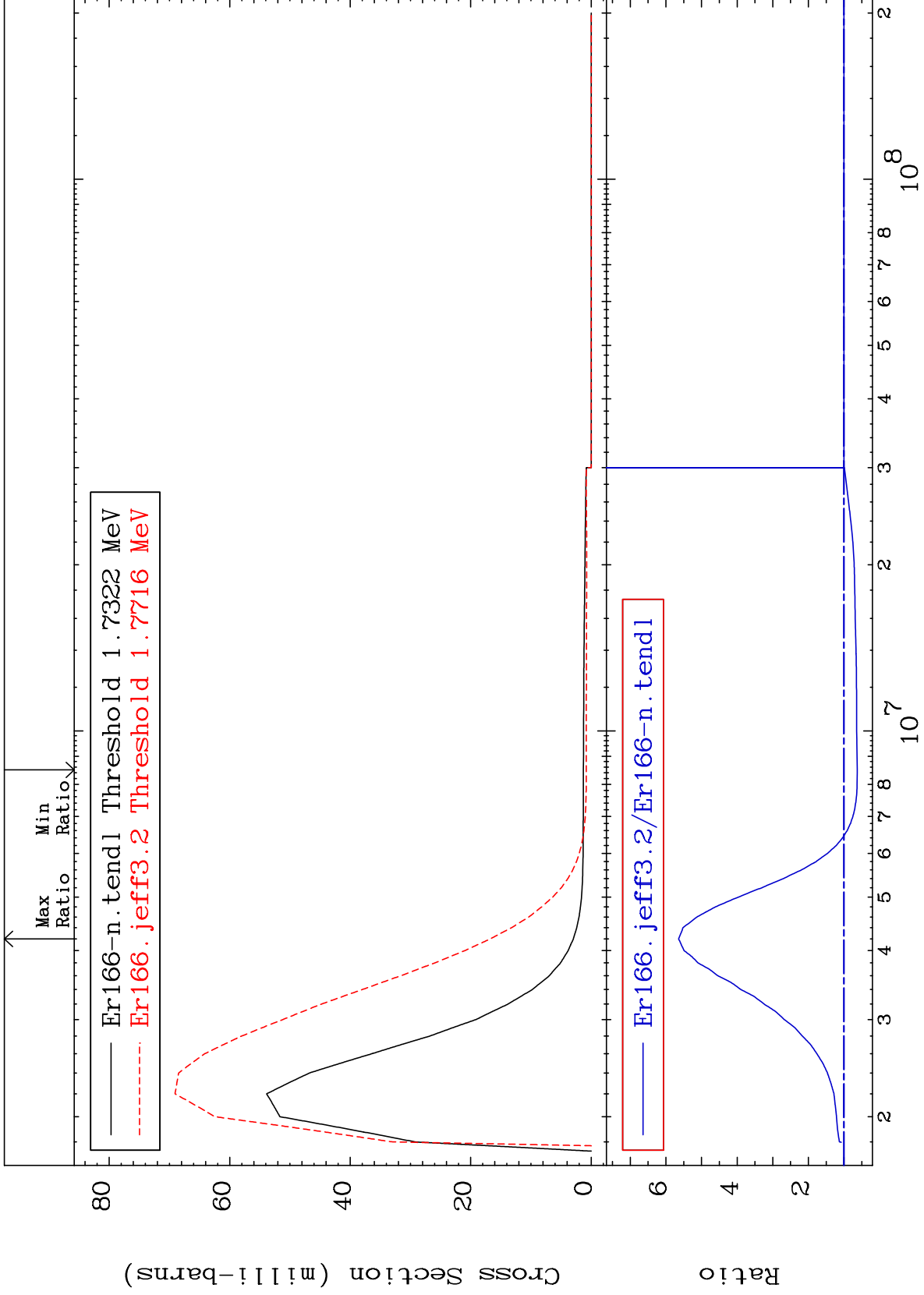
68-Er-166

-42.87 To 9999. %

Cross Section



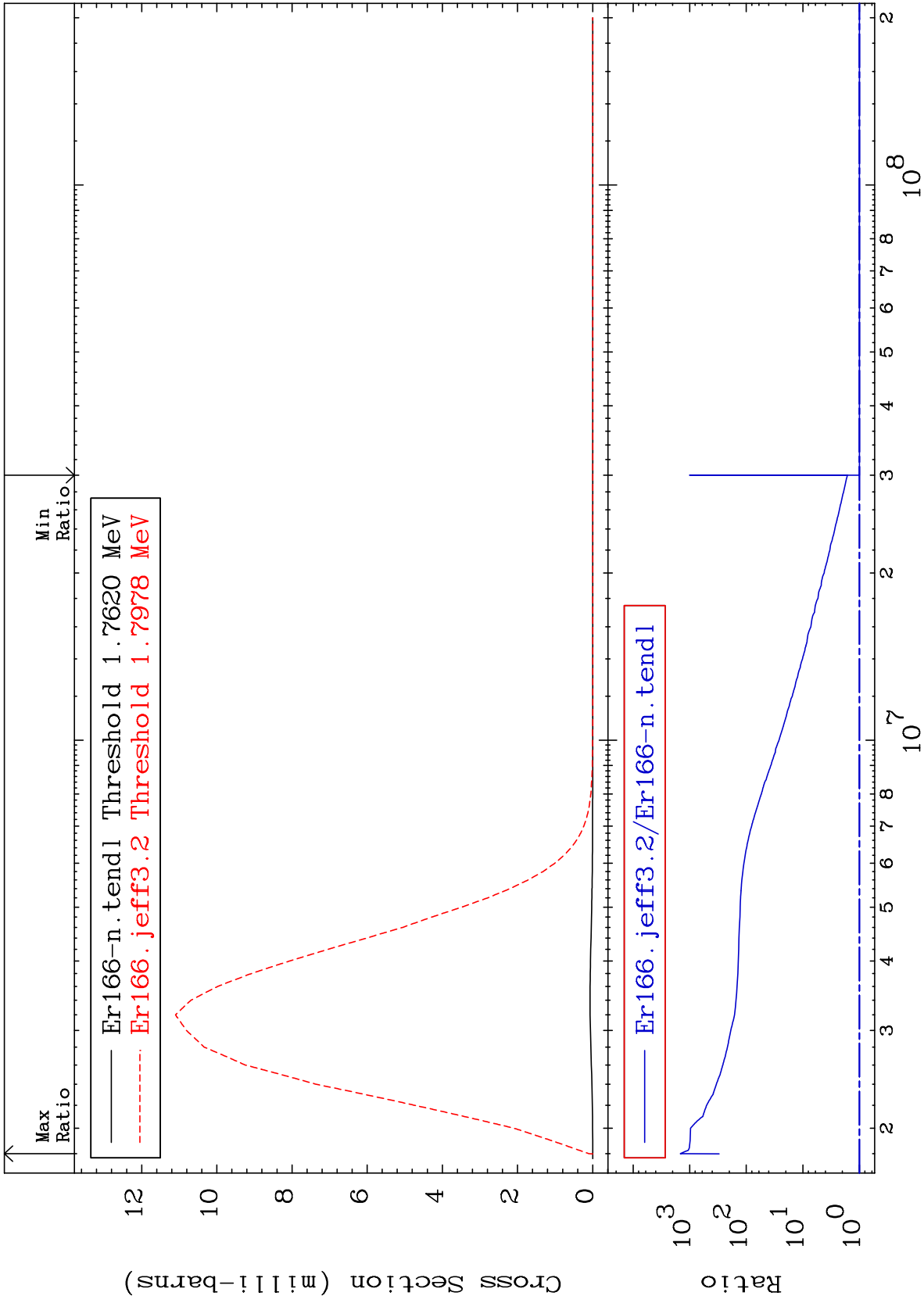




MAT 6837

1.751 MeV (n,n') Level  
Cross Section

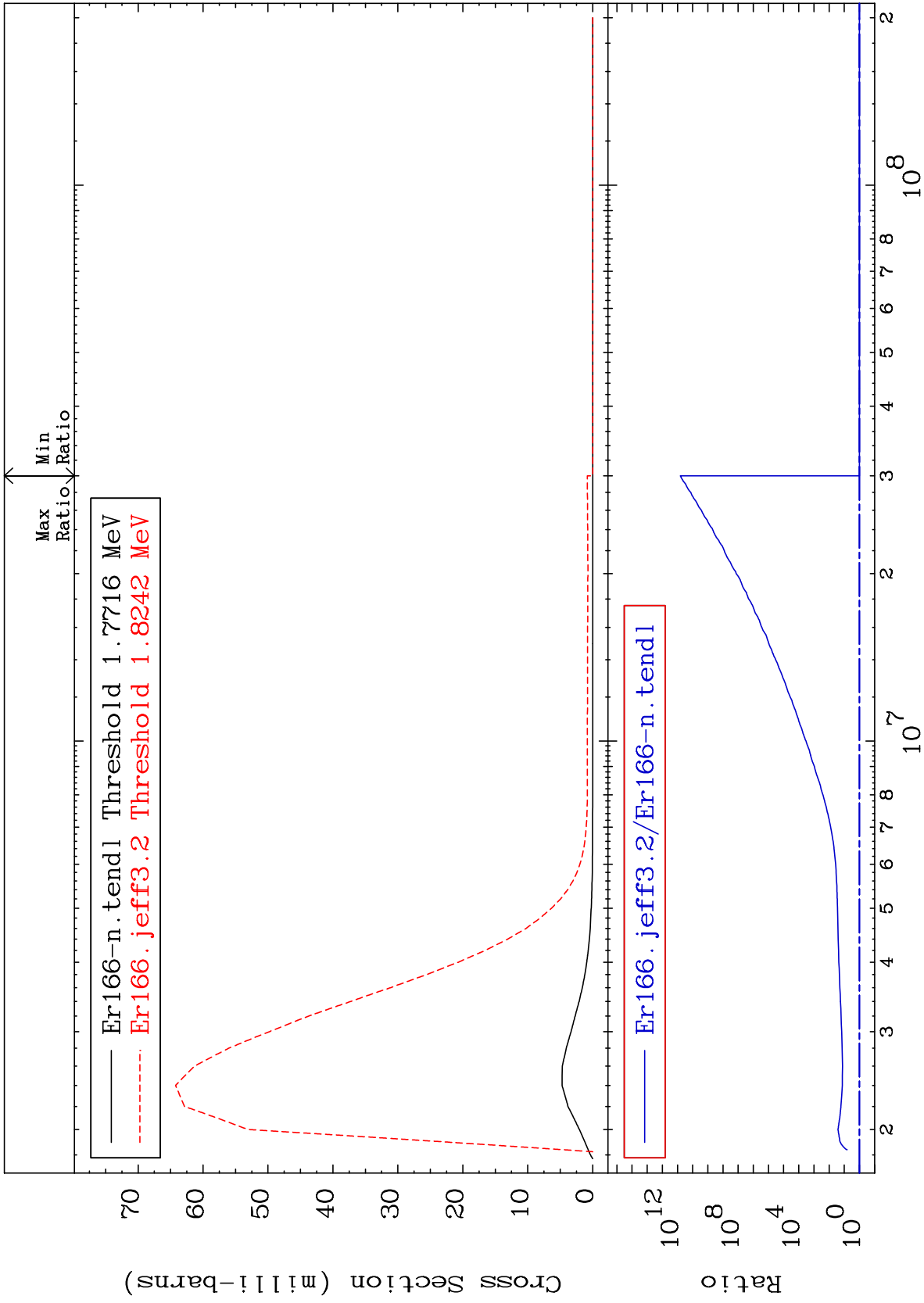
68-Er-166  
To 9999. %



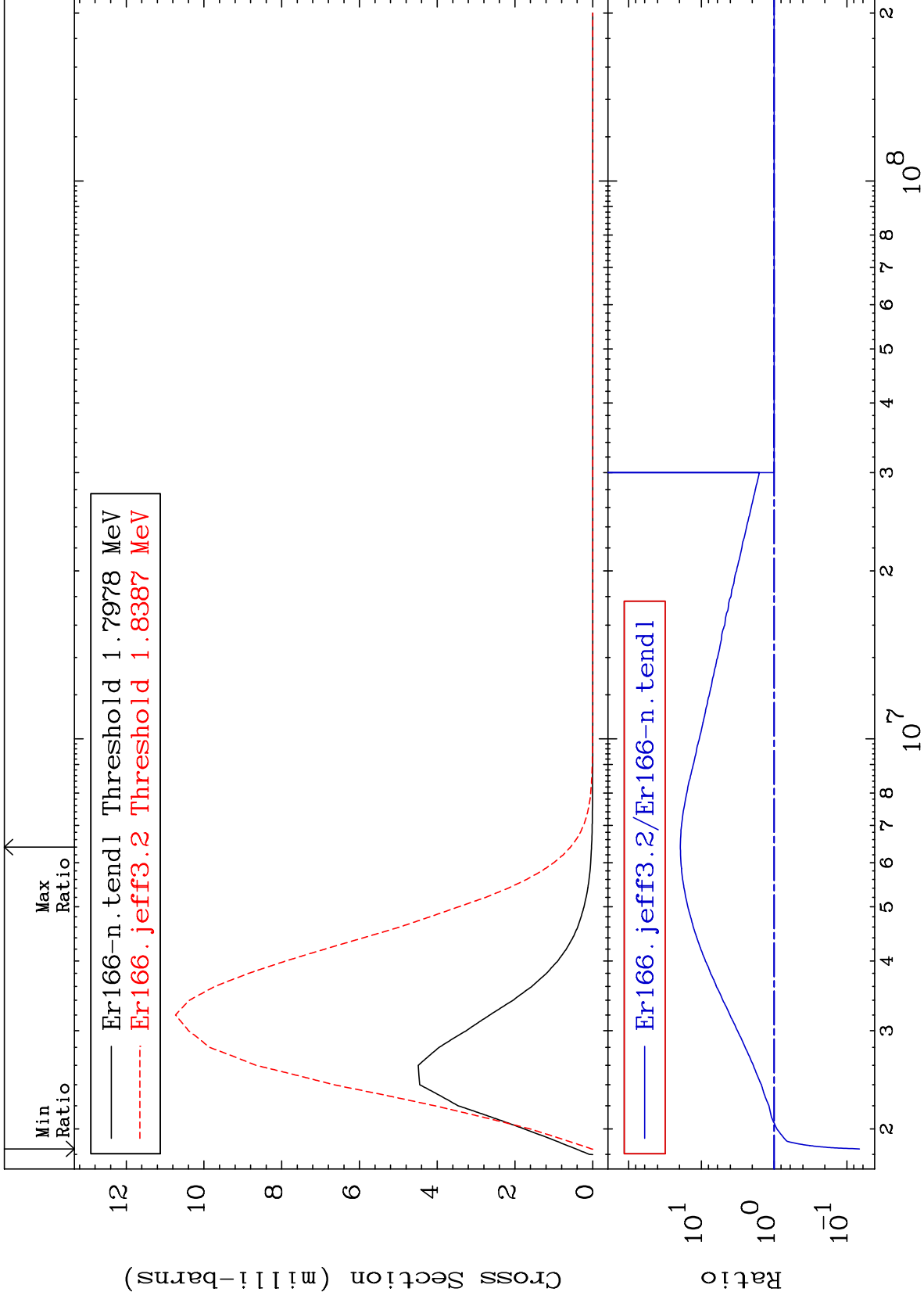
MAT 6837

1.761 MeV (n,n') Level  
Cross Section

68-Er-166  
To 9999. %







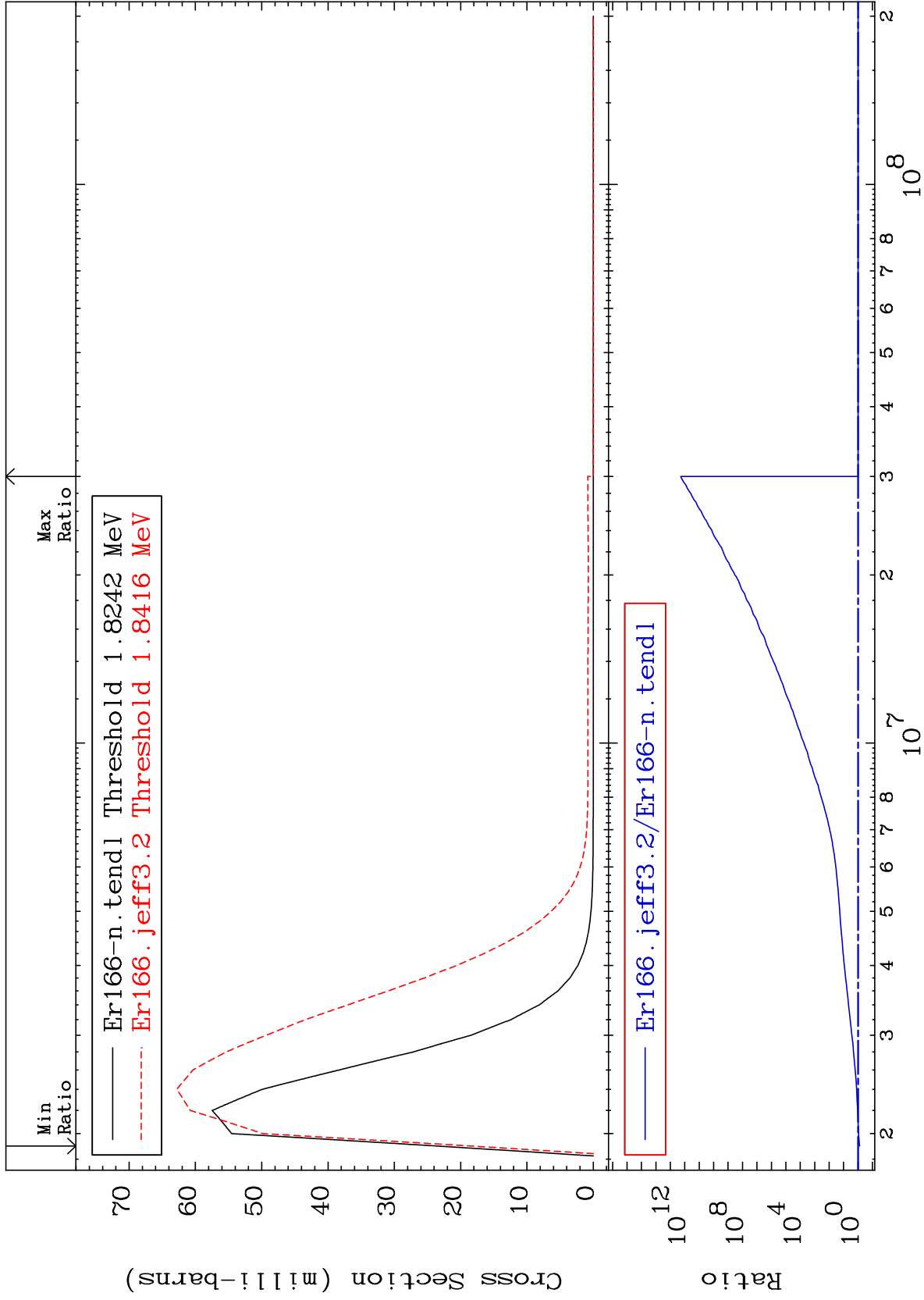
MAT 6837

1.813 MeV (n,n') Level

68-Er-166

-21.83 To 9999. %

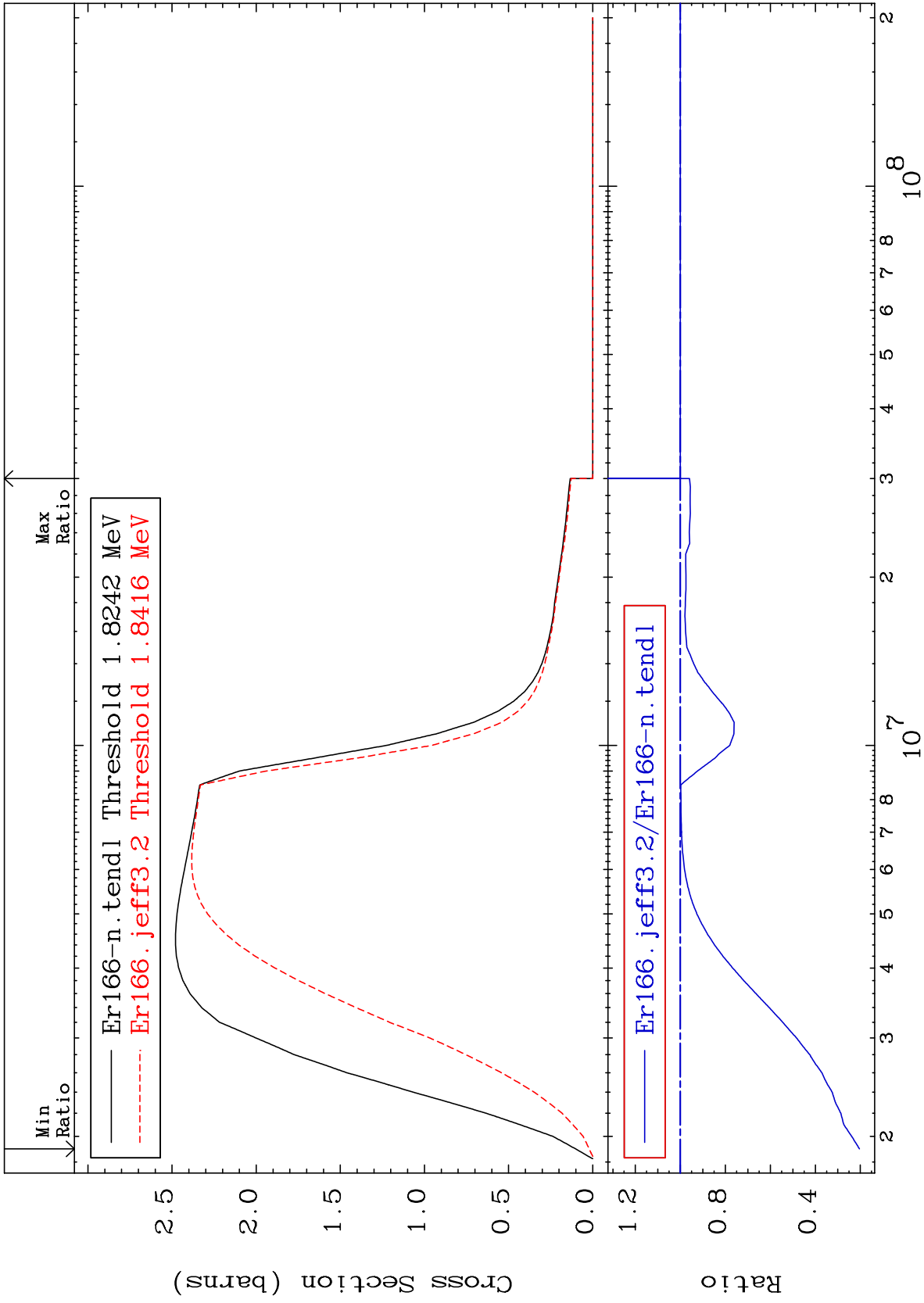
Cross Section



50

Incident Energy (eV)

68-Er-166



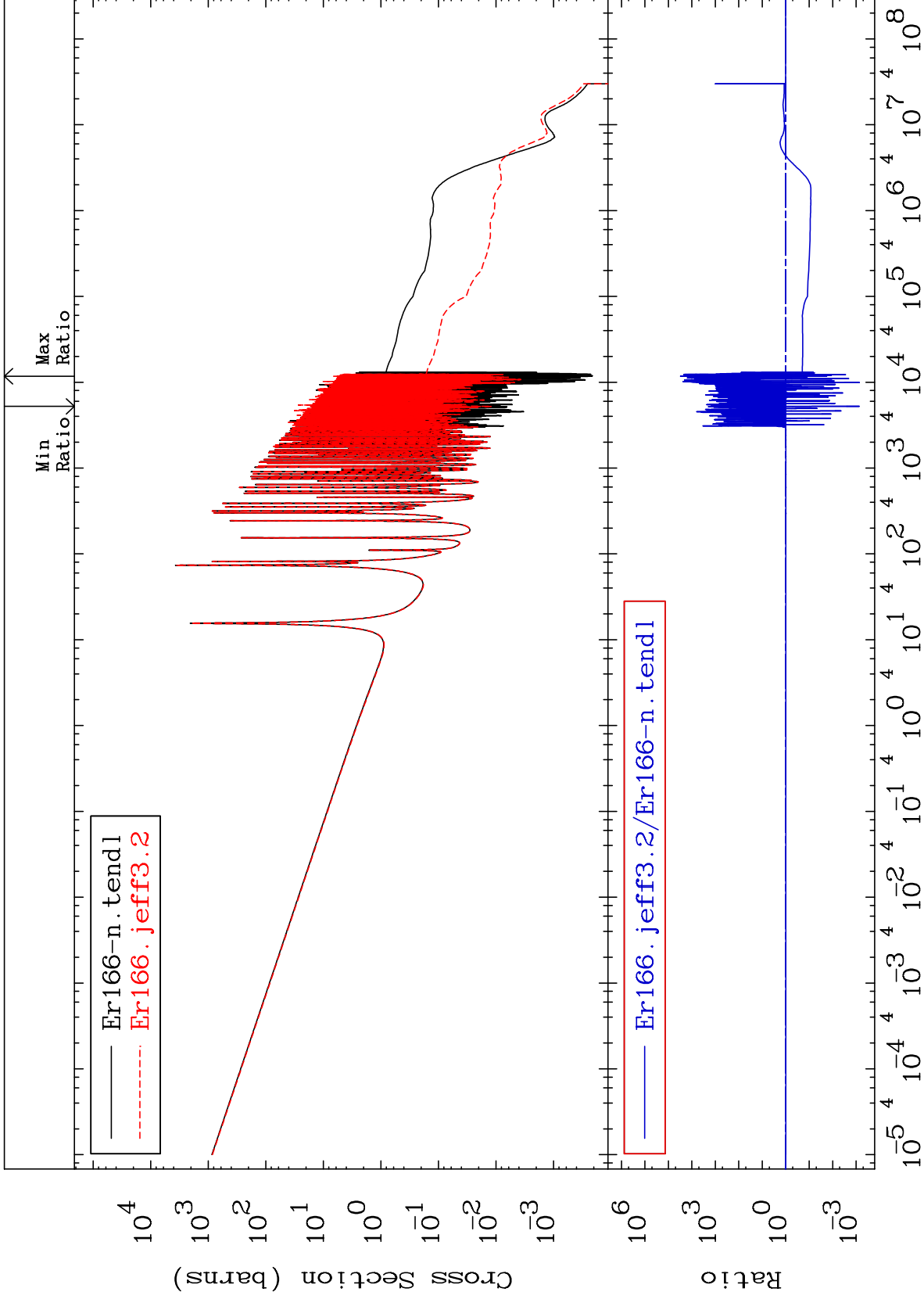
MAT 6837

(n,  $\gamma$ )

68-Er-166

Cross Section

-99.93 To 9999. %



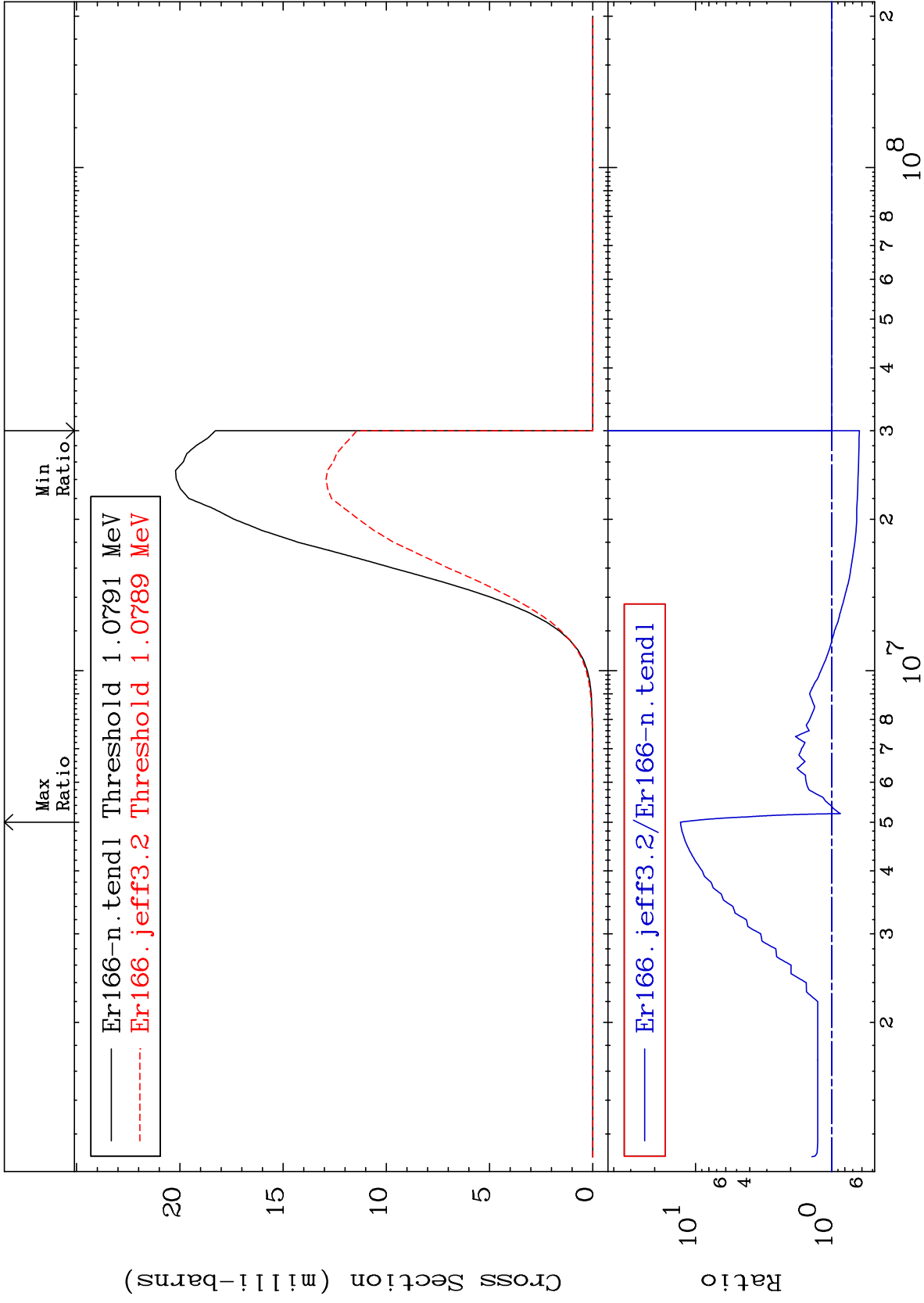
52

Incident Energy (eV)

68-Er-166

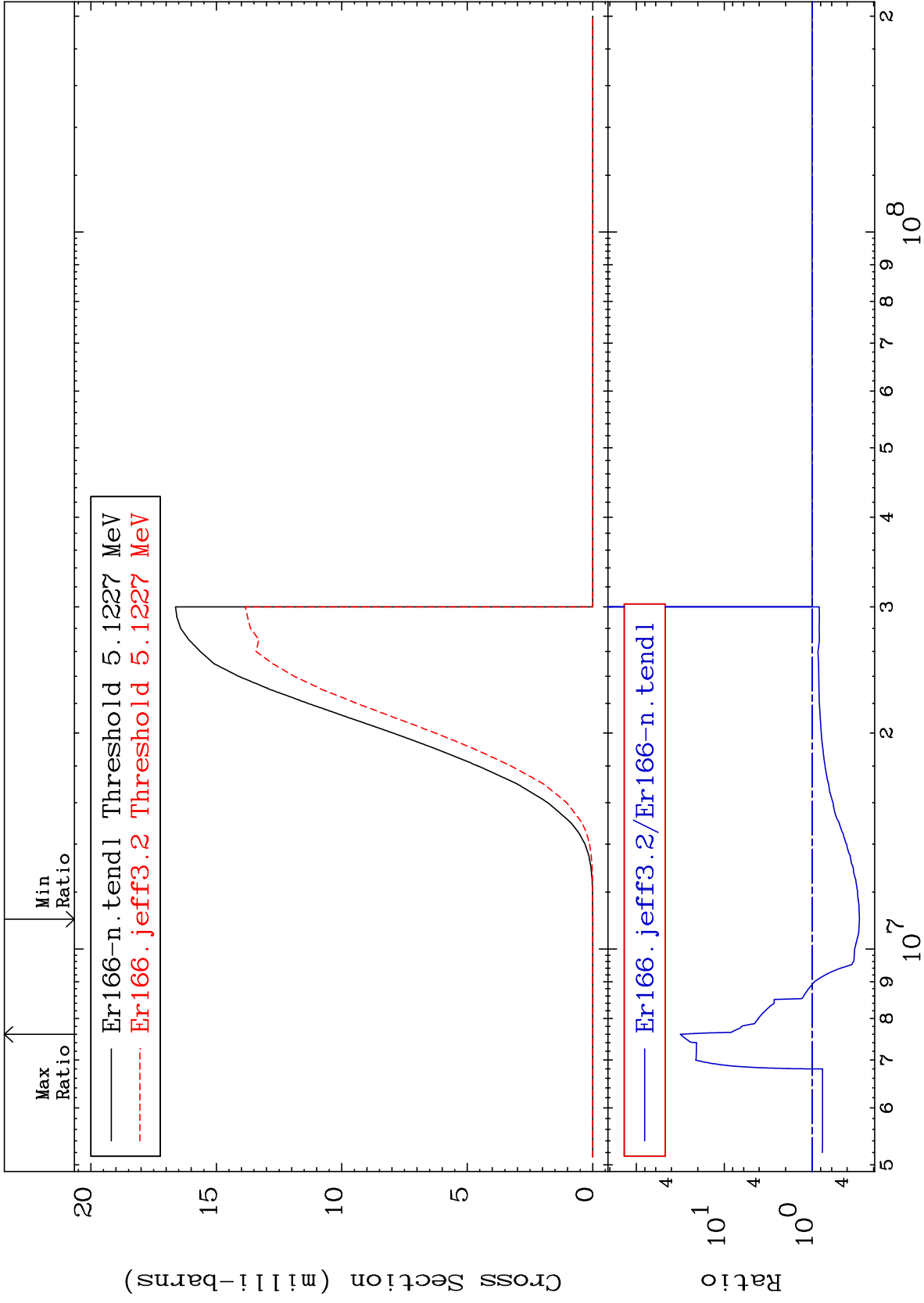
Cross Section

-37.51 To 1195. %



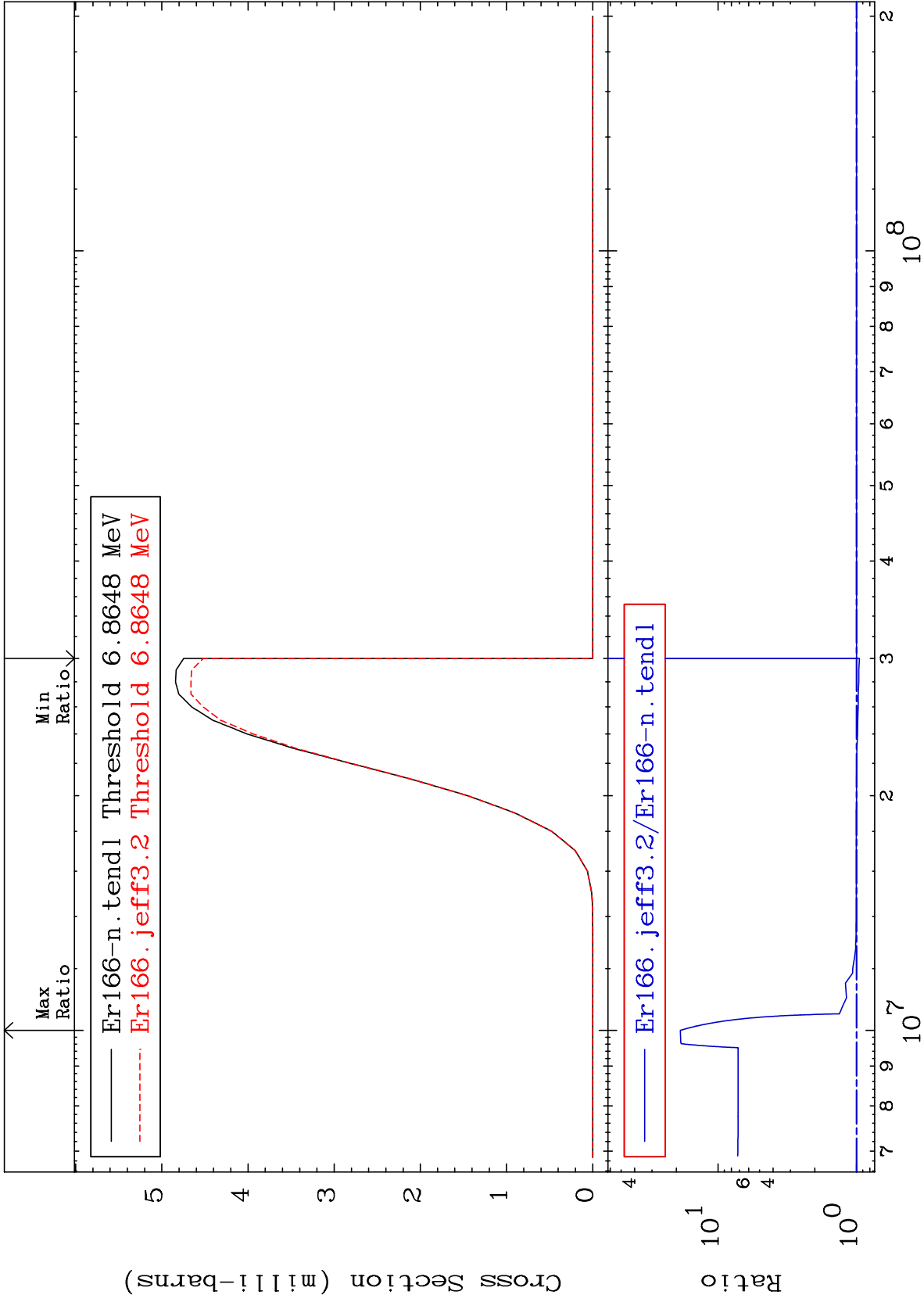
Cross Section

-70.98 To 3053. %



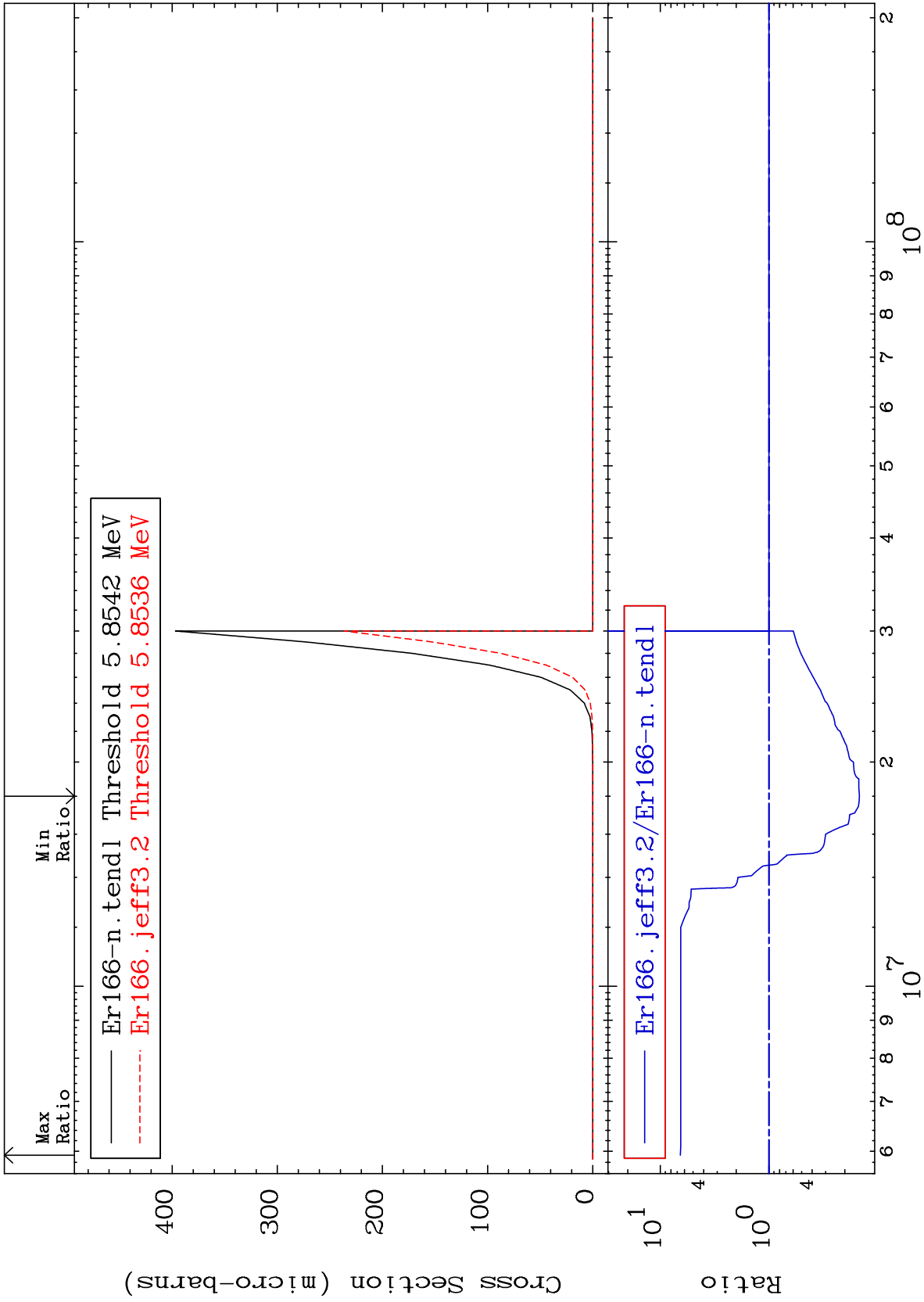
Cross Section

-4.828 To 1768. %



Cross Section

-85.32 To 554.4 %





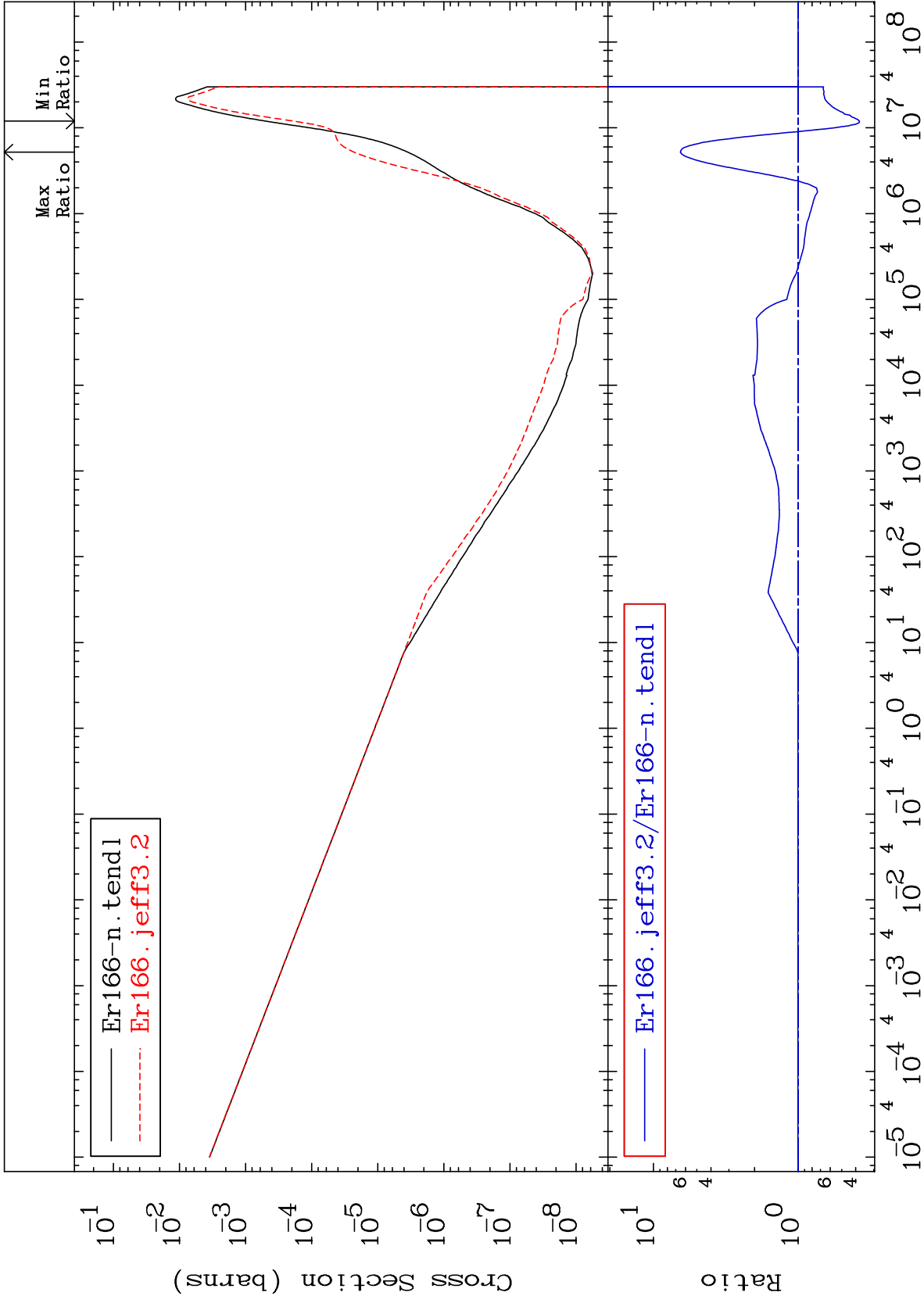
MAT 6837

(n,  $\alpha$ )

68-Er-166

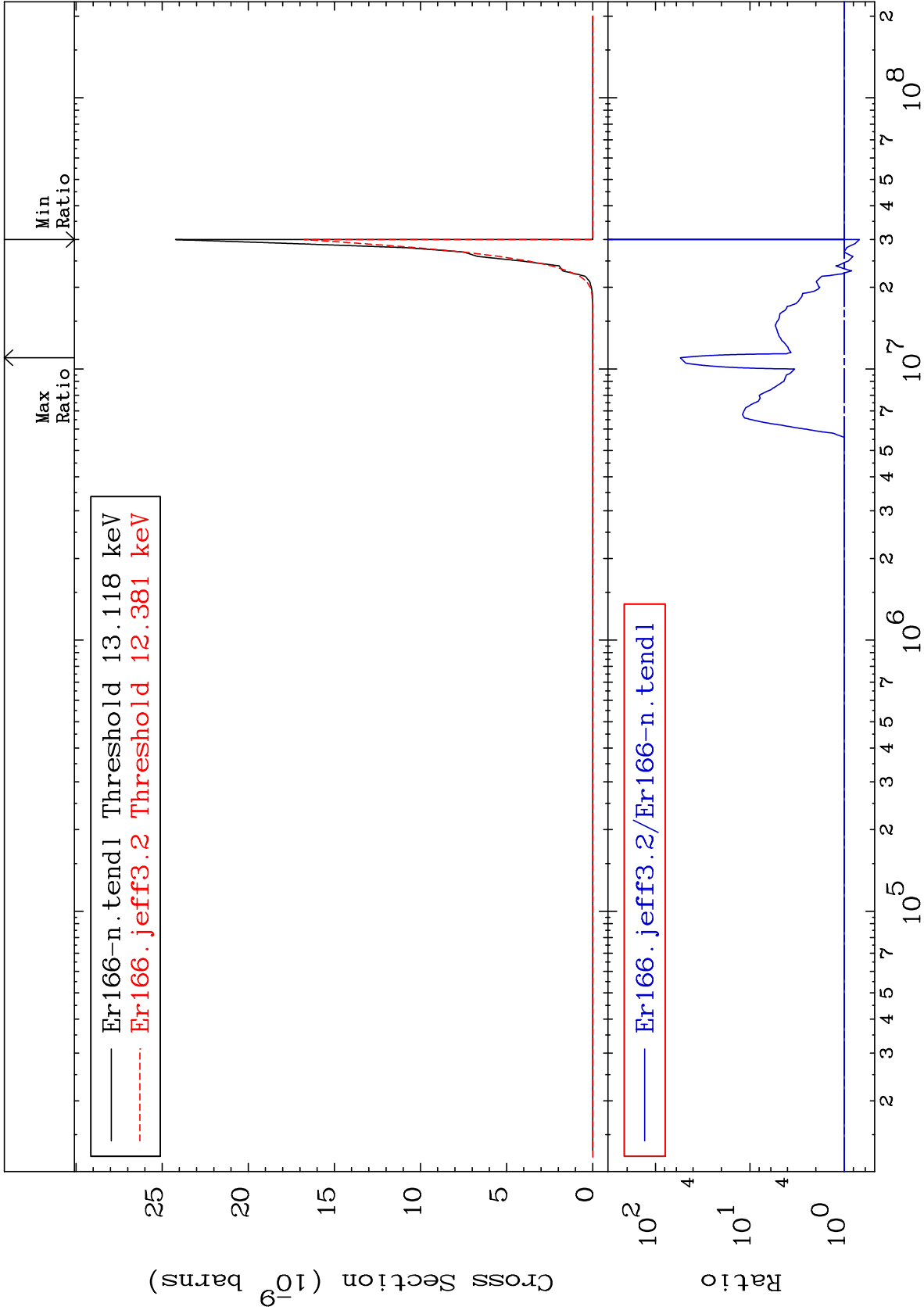
Cross Section

-62.33 To 550.4 %

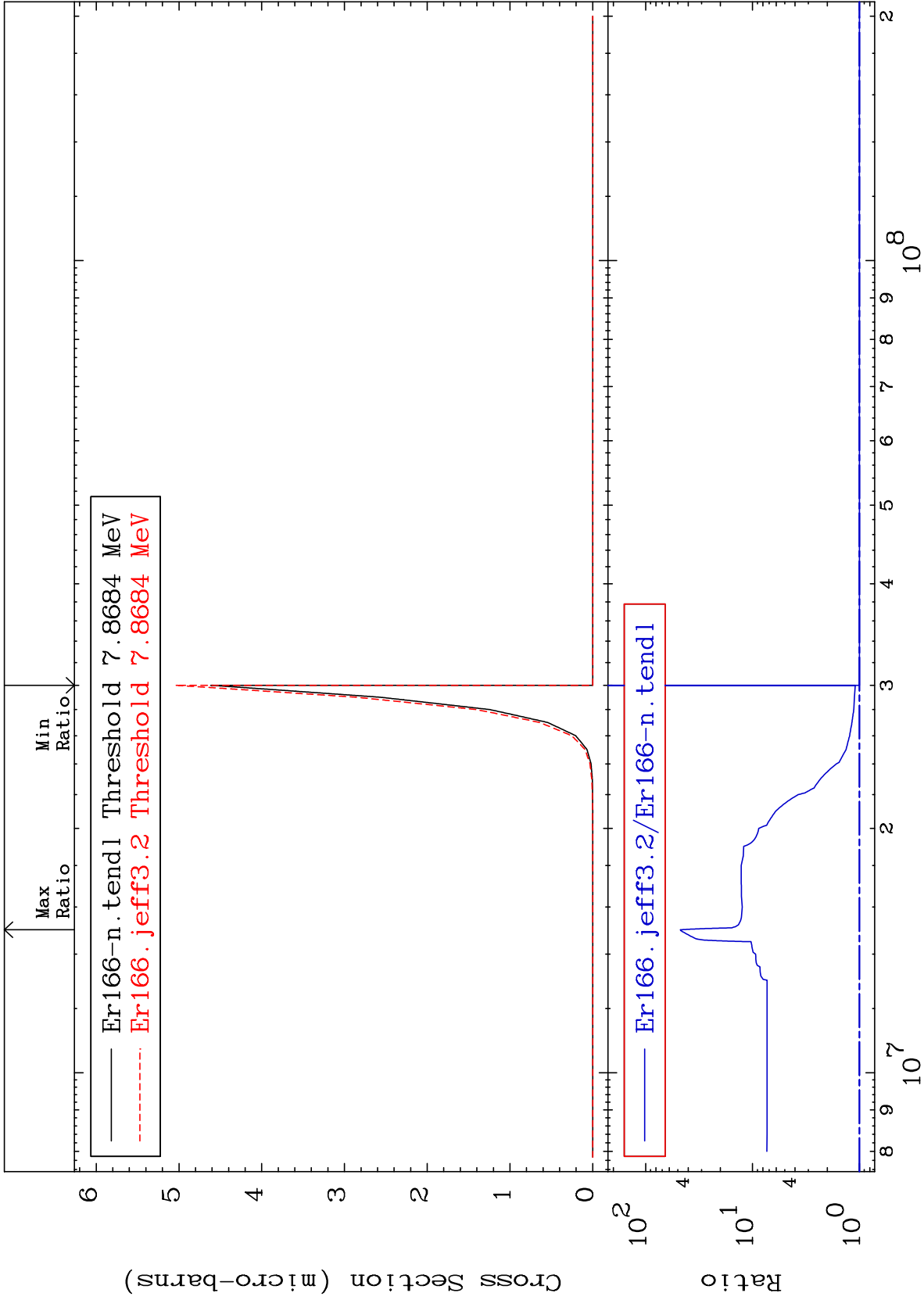


Cross Section

-30.85 To 5352. %



Cross Section



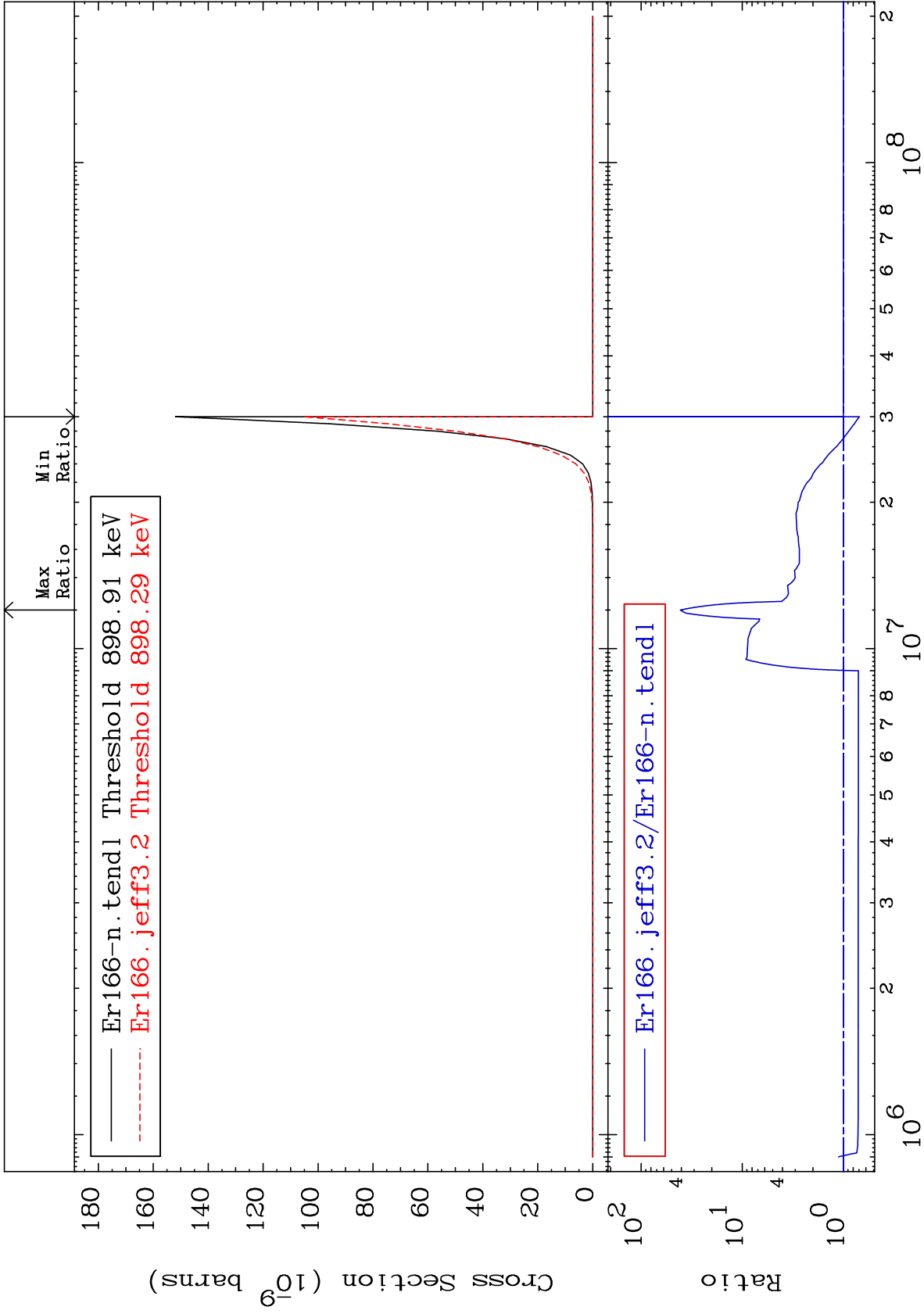
MAT 6837

(n, p)  $\alpha$

68-Er-166

-30.63 To 3994. %

Cross Section



Incident Energy (eV)

68-Er-166

MAT 6837

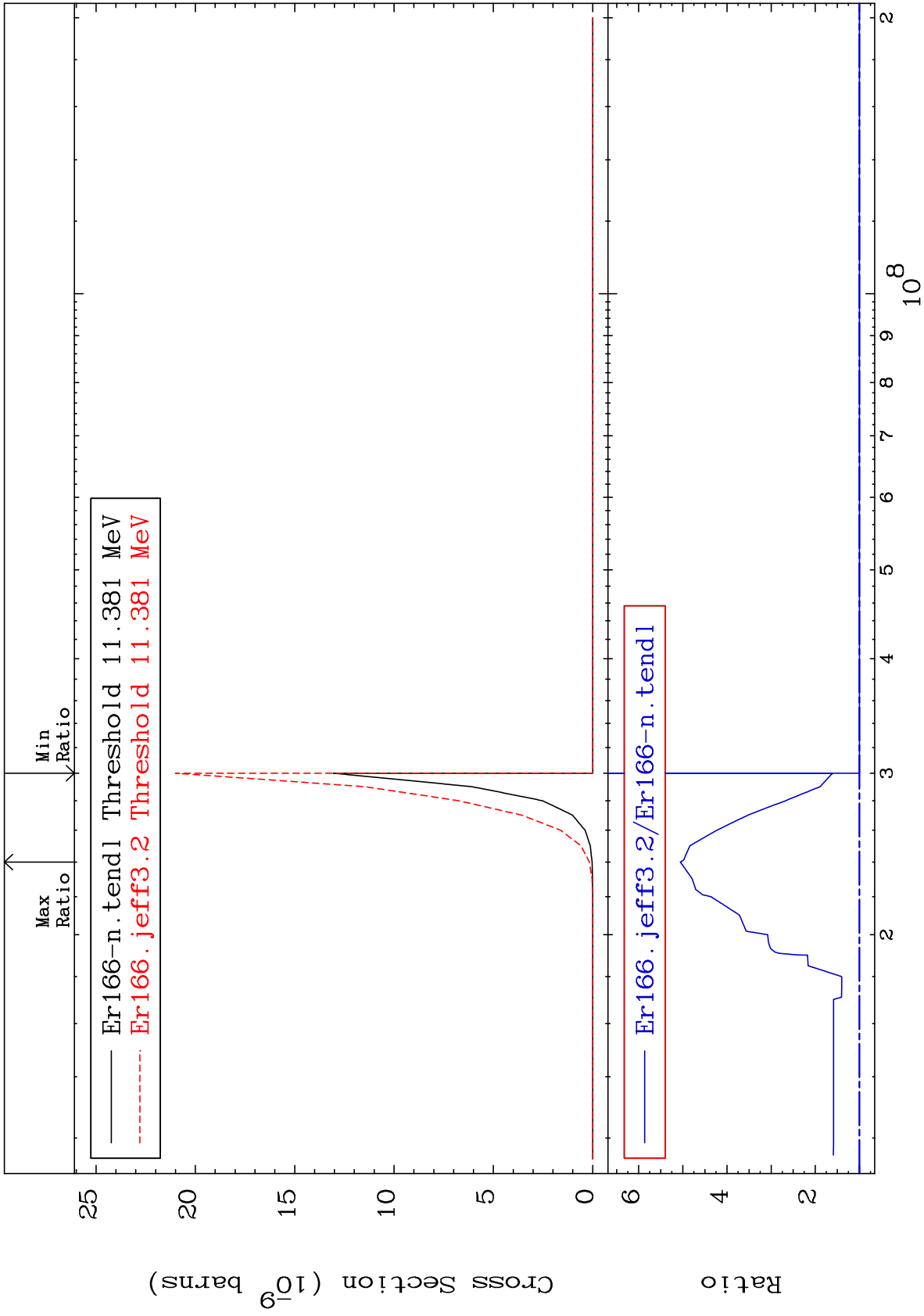
(n,p) d

68-Er-166

Cross Section

0.000

To 405.7 %



61

Incident Energy (eV)

68-Er-166

MAT 6837

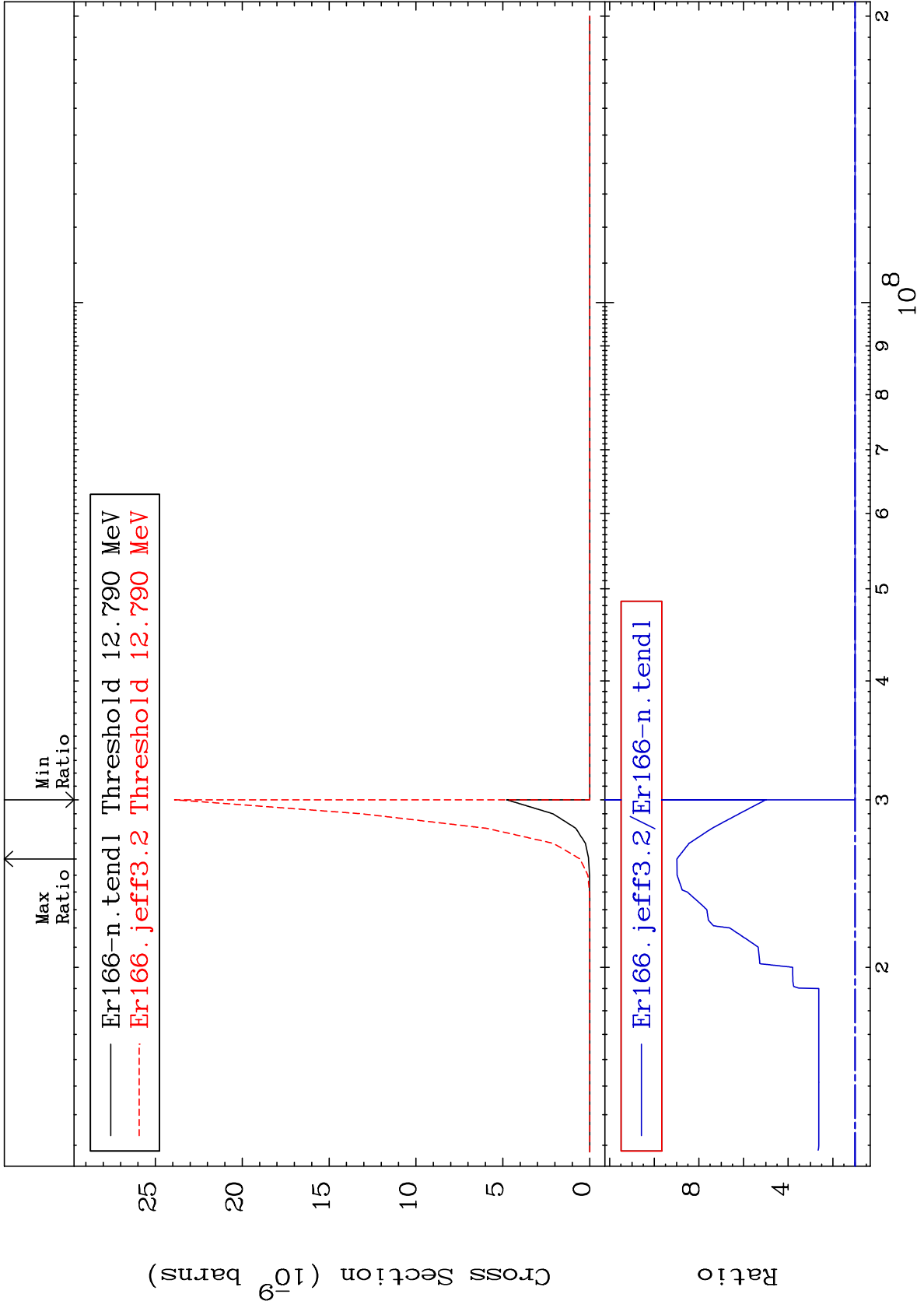
(n,p) t

68-Er-166

Cross Section

0.000

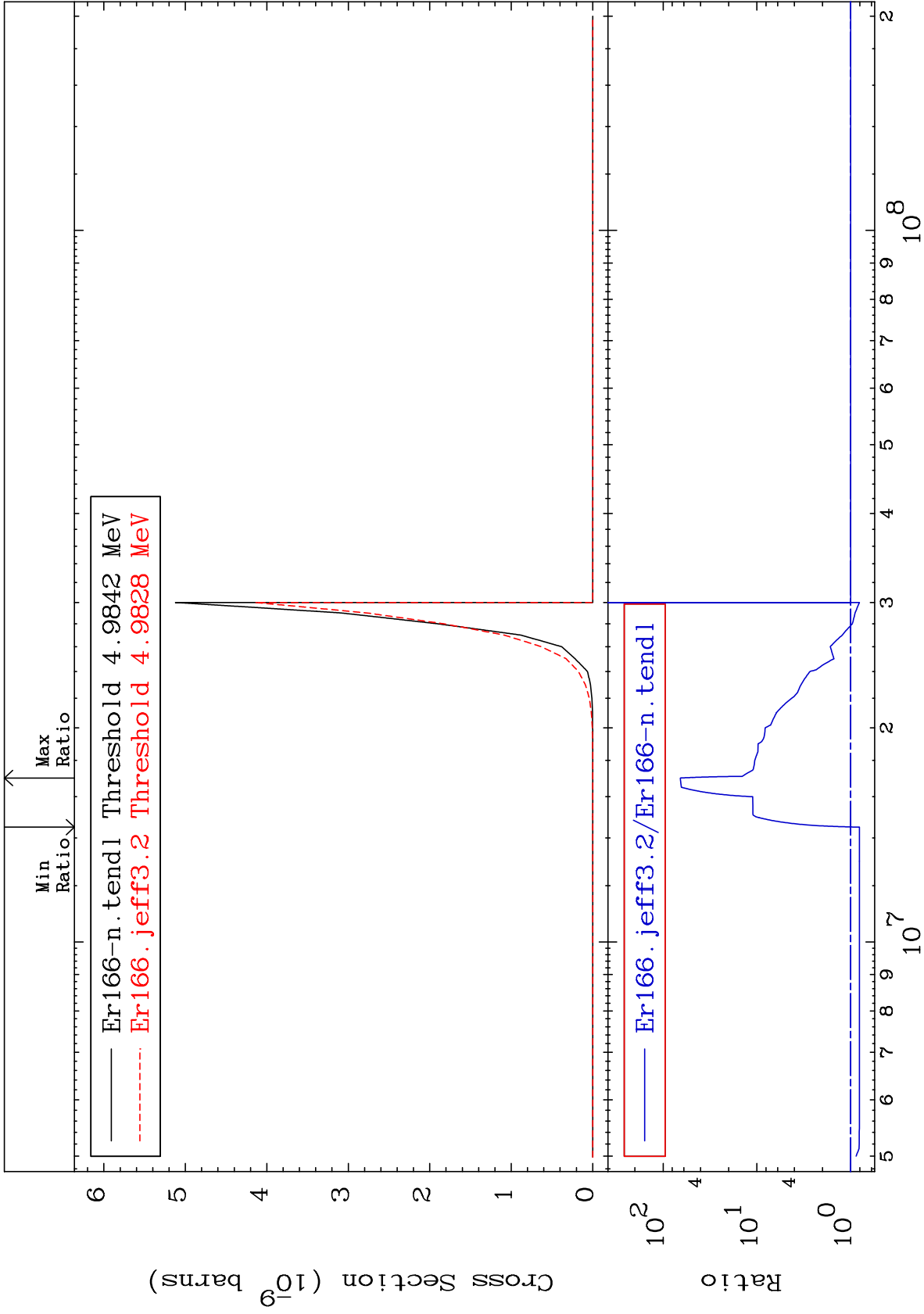
To 798.8 %

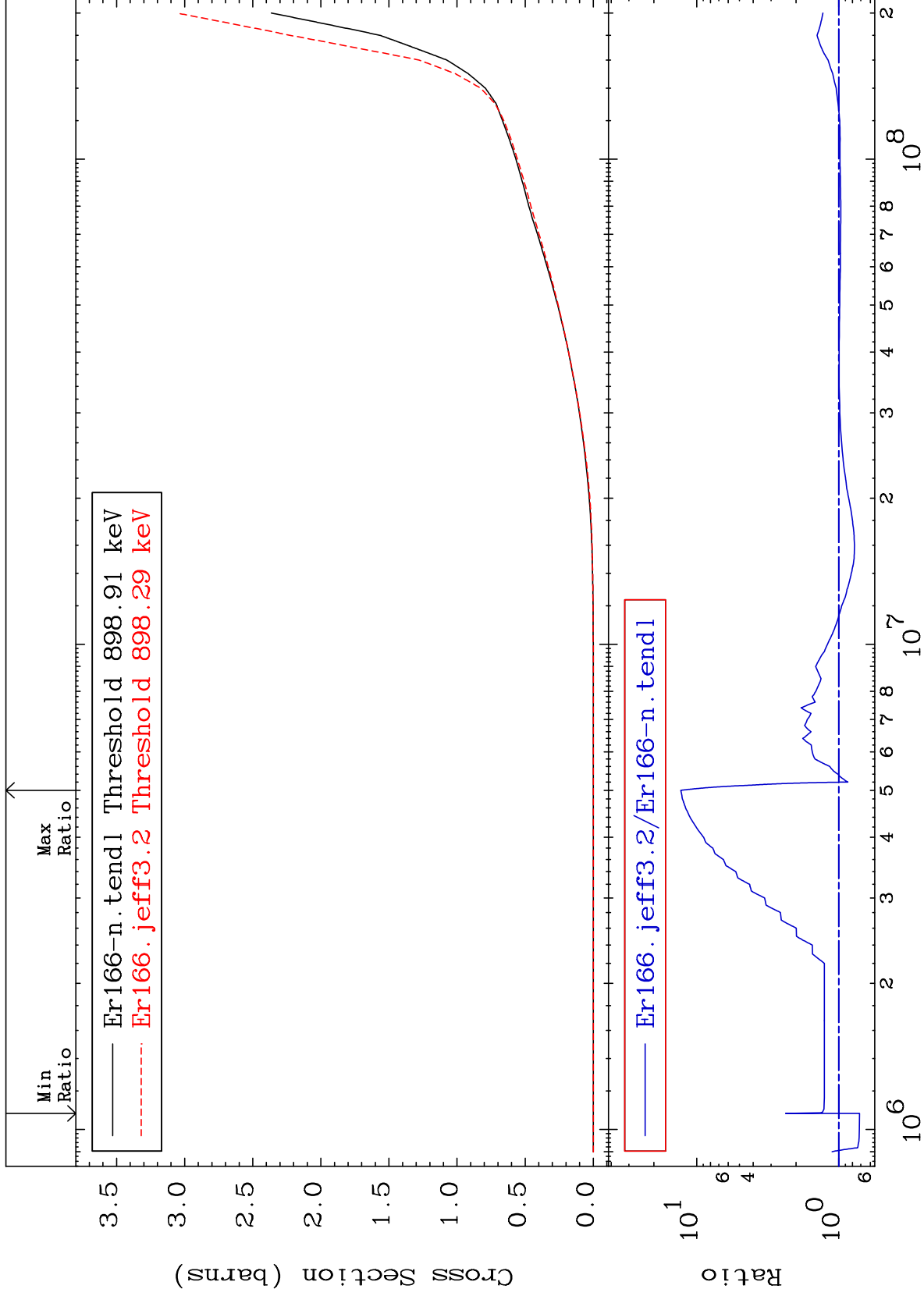


62

Incident Energy (eV)

68-Er-166



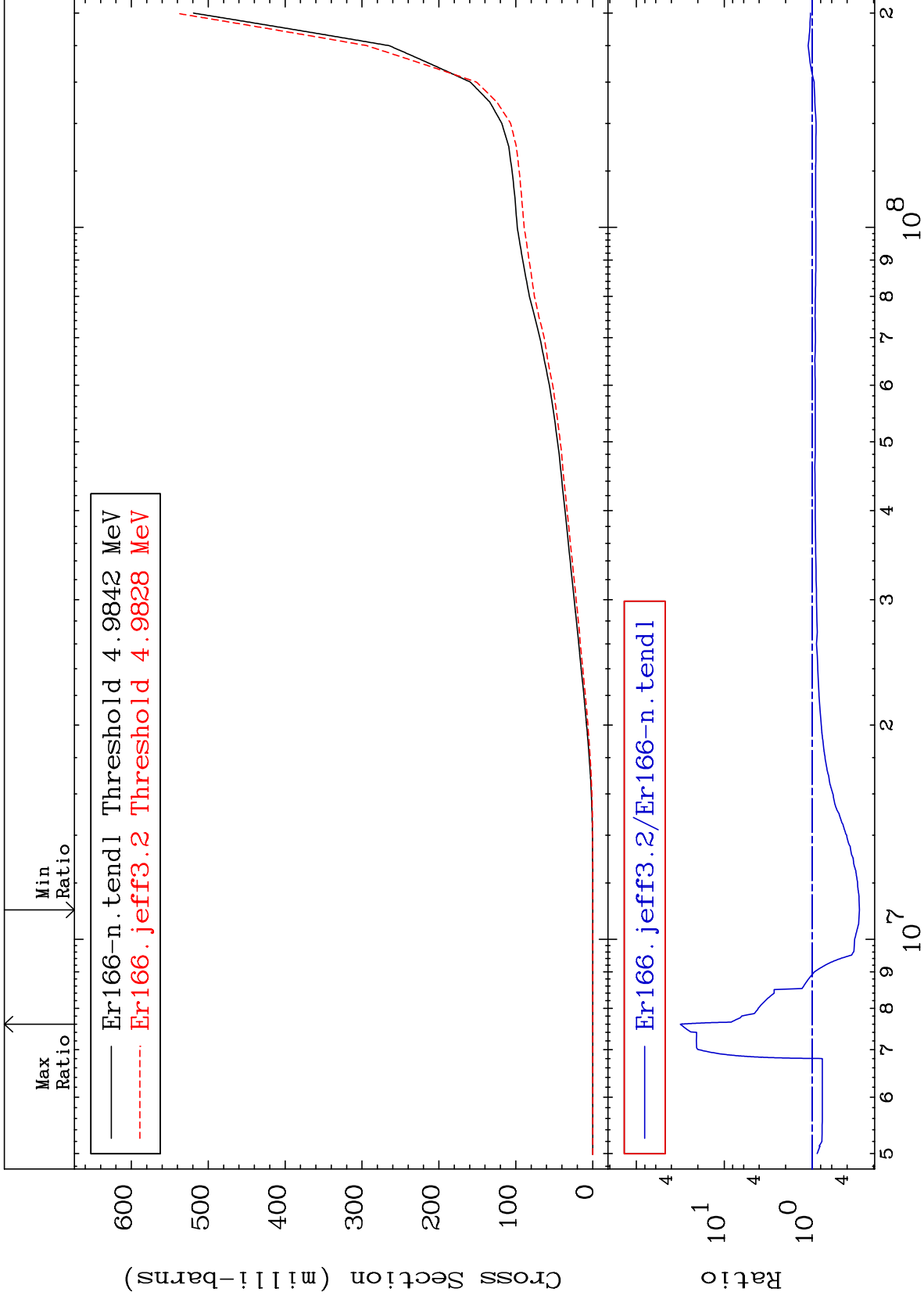




MAT 6837

Deuterium Production  
Cross Section

68-Er-166  
-70.98 To 3053. %



65

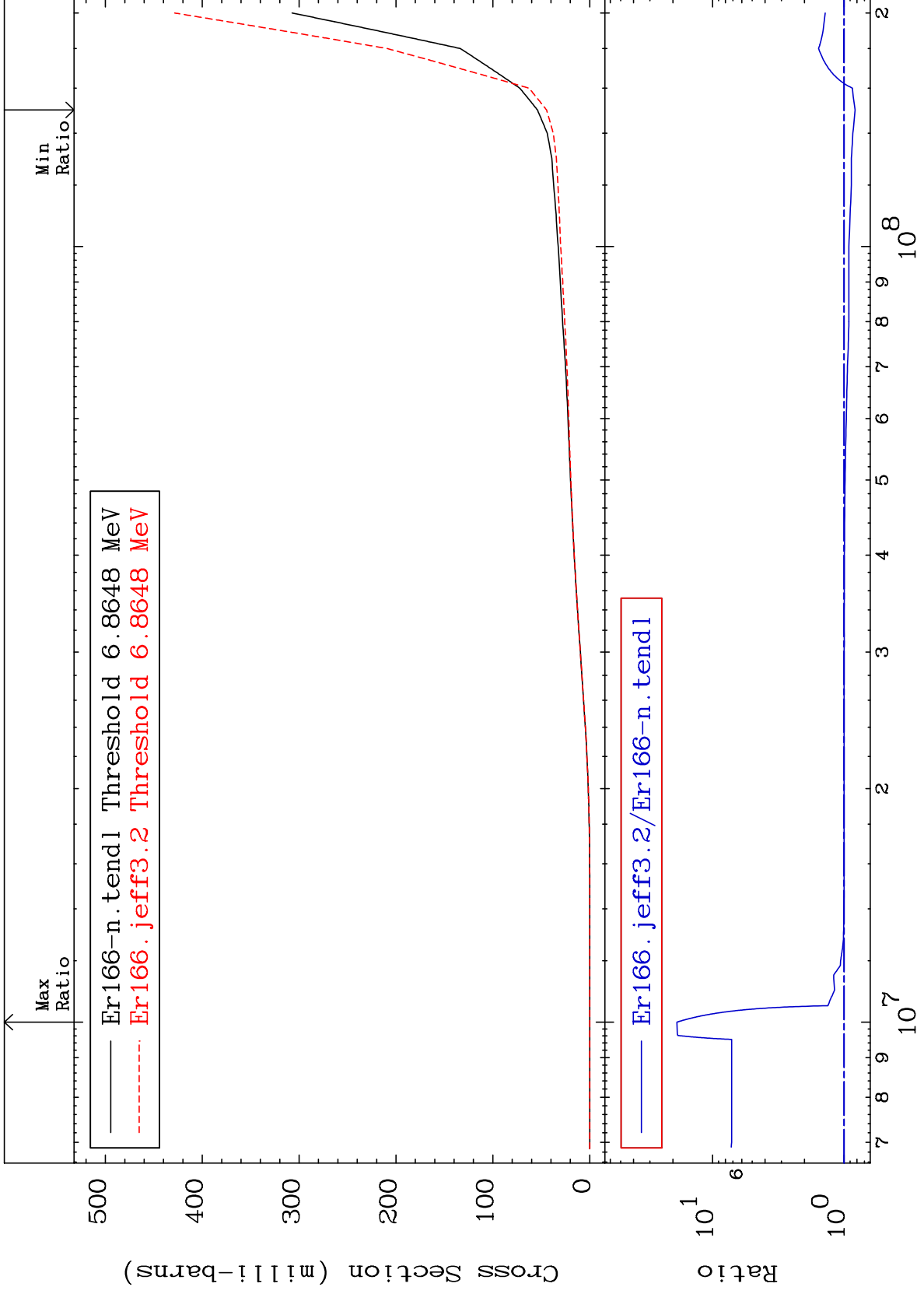
68-Er-166

68-Er-166

MAT 6837

Tritium Production  
Cross Section

68-Er-166  
-17.45 To 1768. %



66

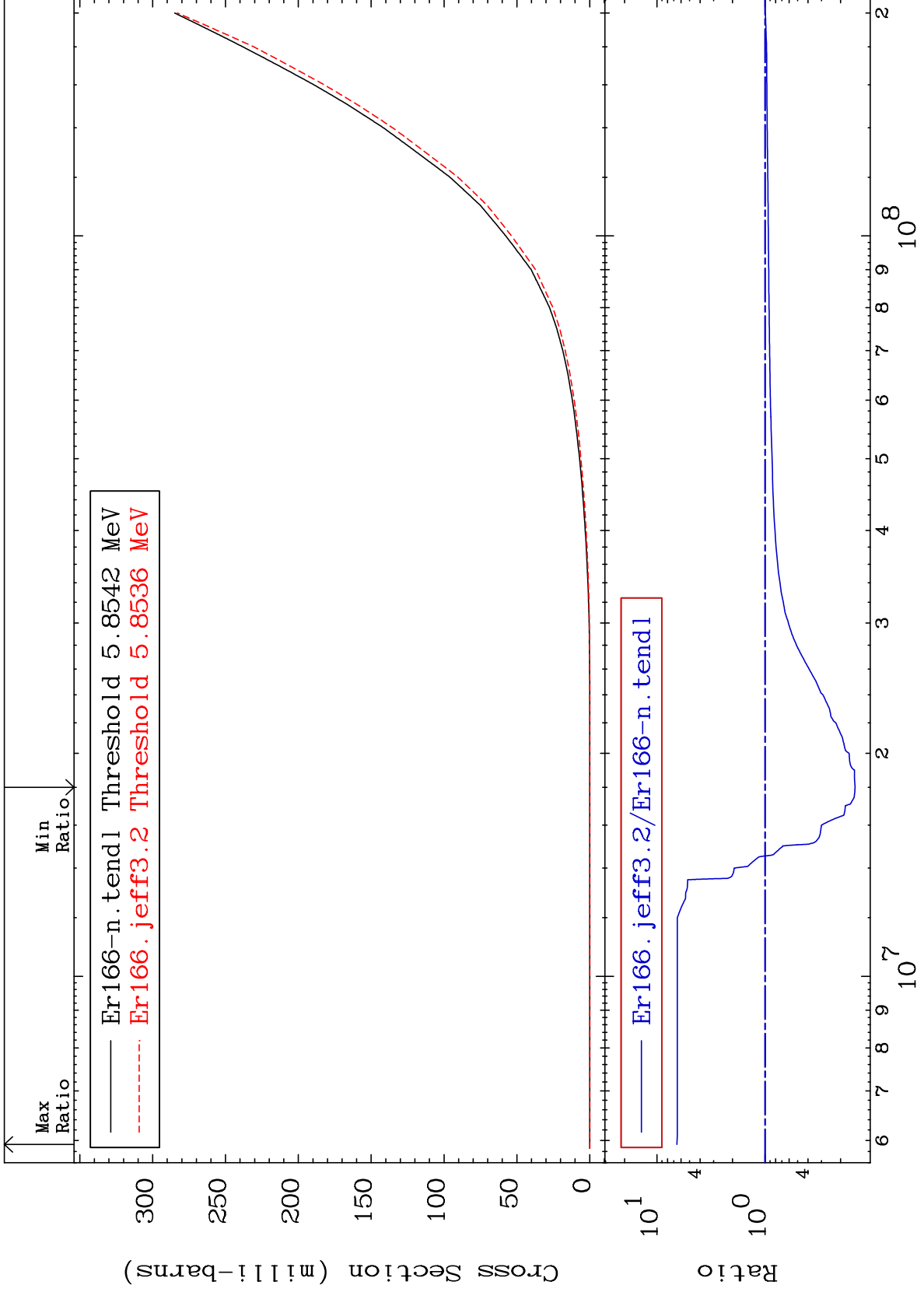
Incident Energy (eV)

68-Er-166

MAT 6837

He-3 Production  
Cross Section

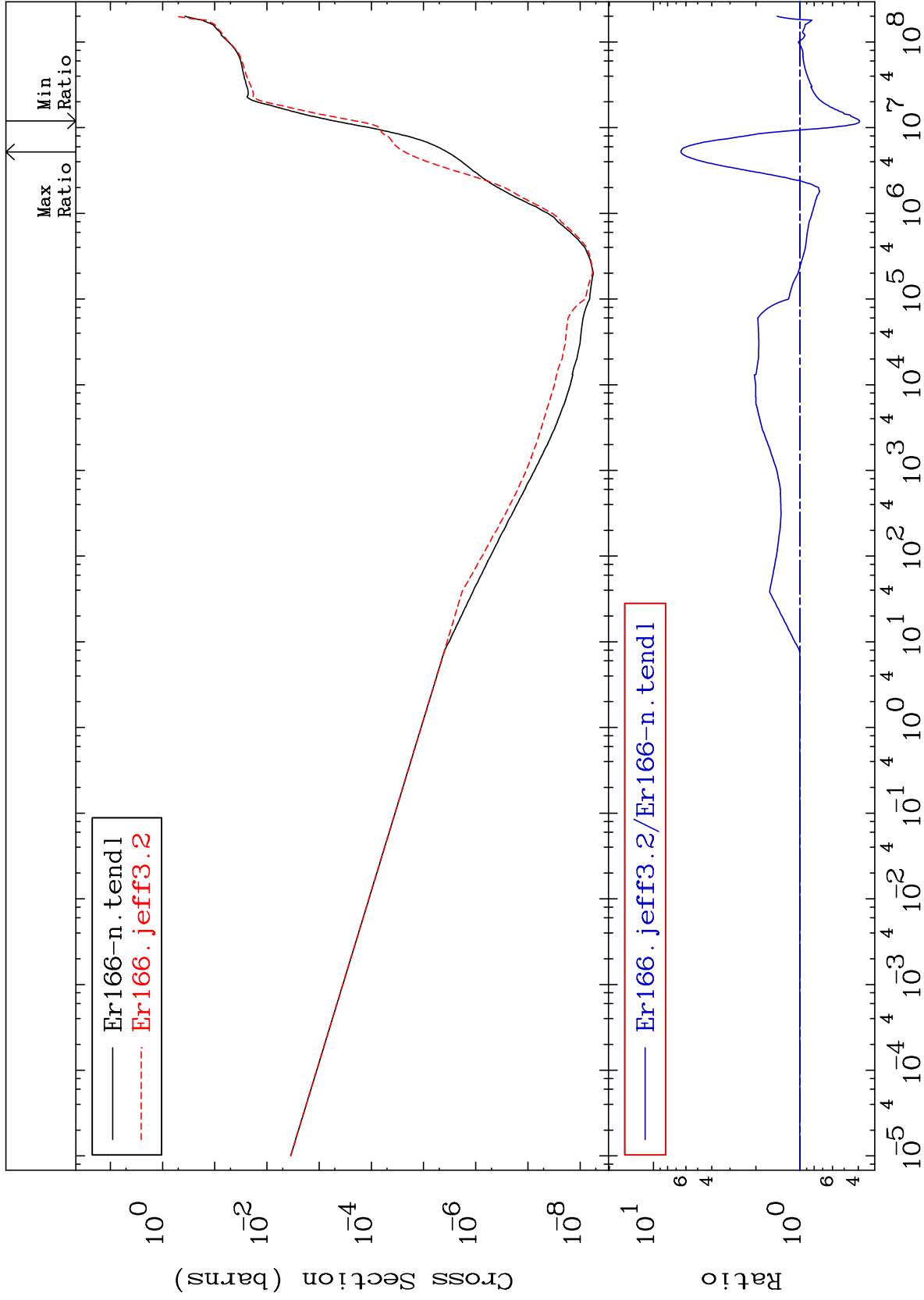
68-Er-166  
-85.32 To 554.4 %



MAT 6837

He-4 Production  
Cross Section

68-Er-166  
-60.80 To 550.3 %



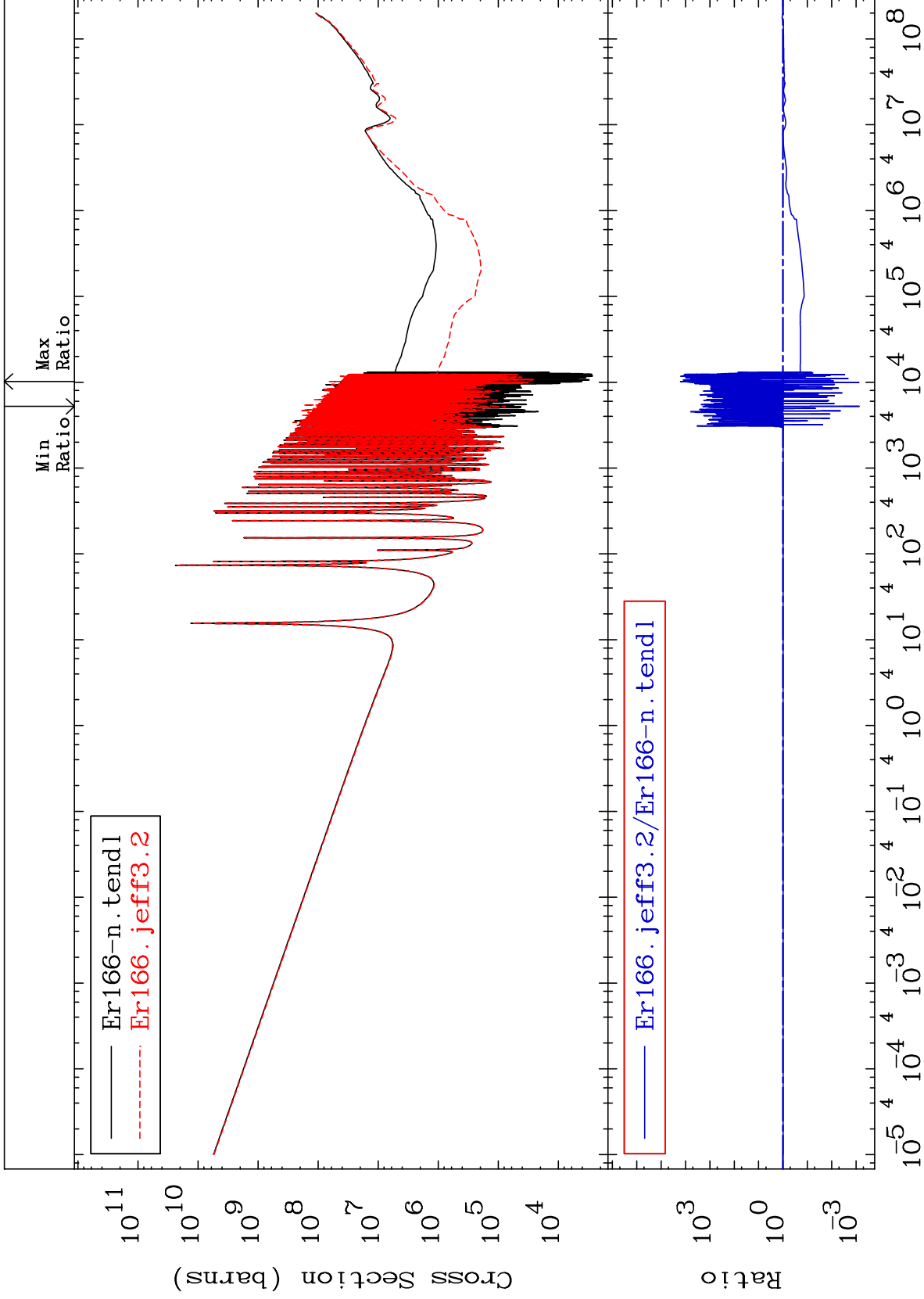
68

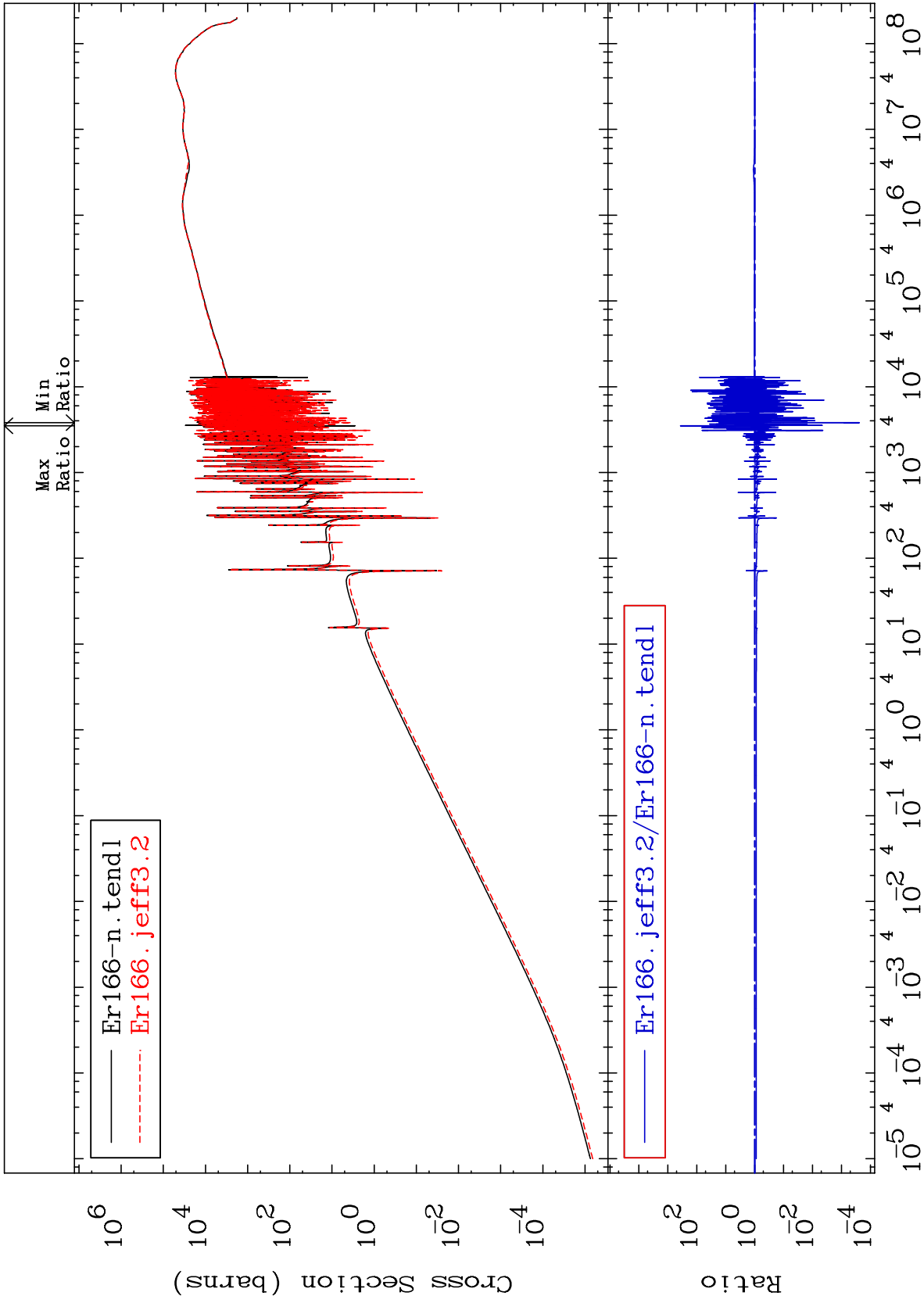
Incident Energy (eV)

68-Er-166

Cross Section

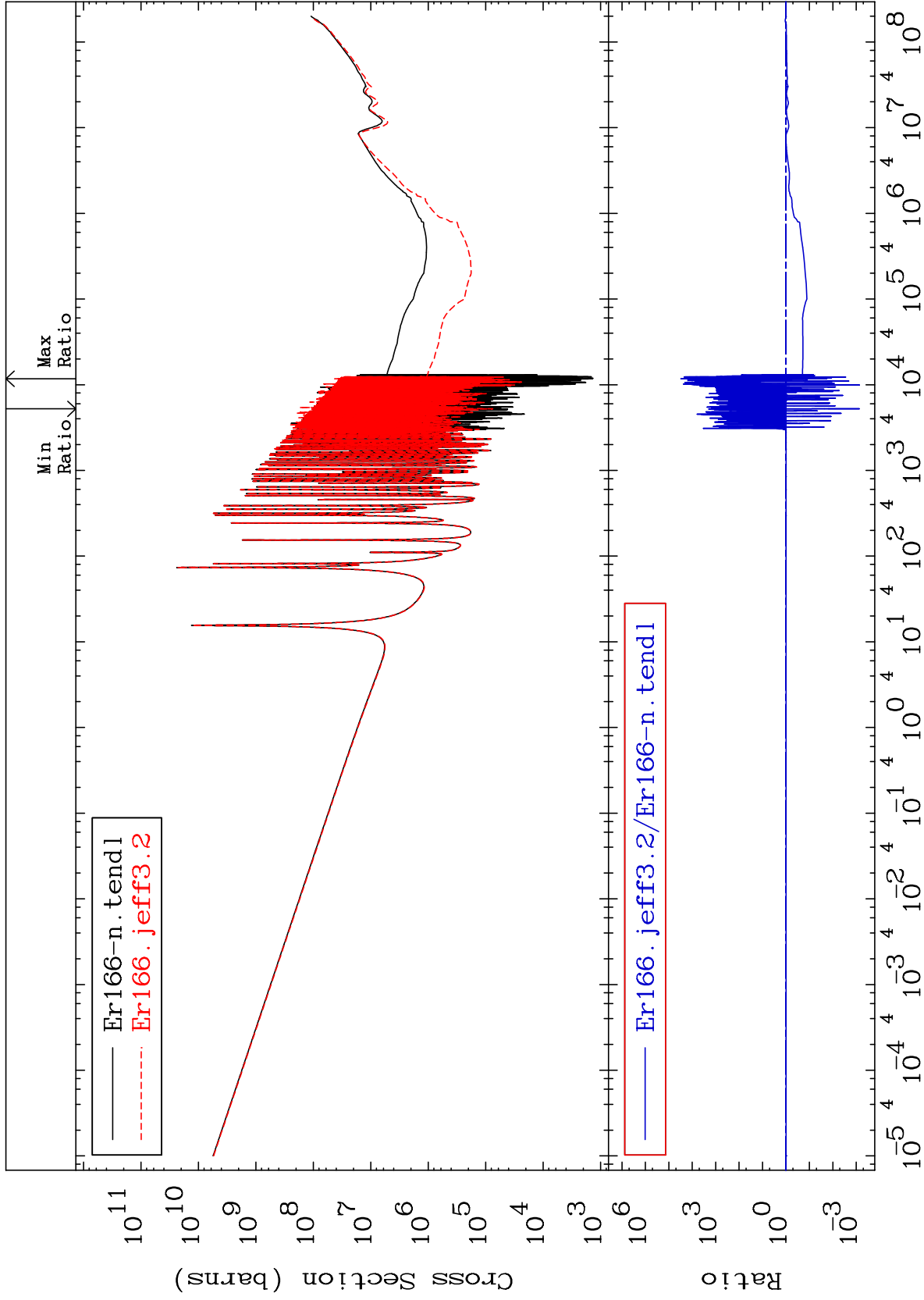
-99.93 To 9999. %

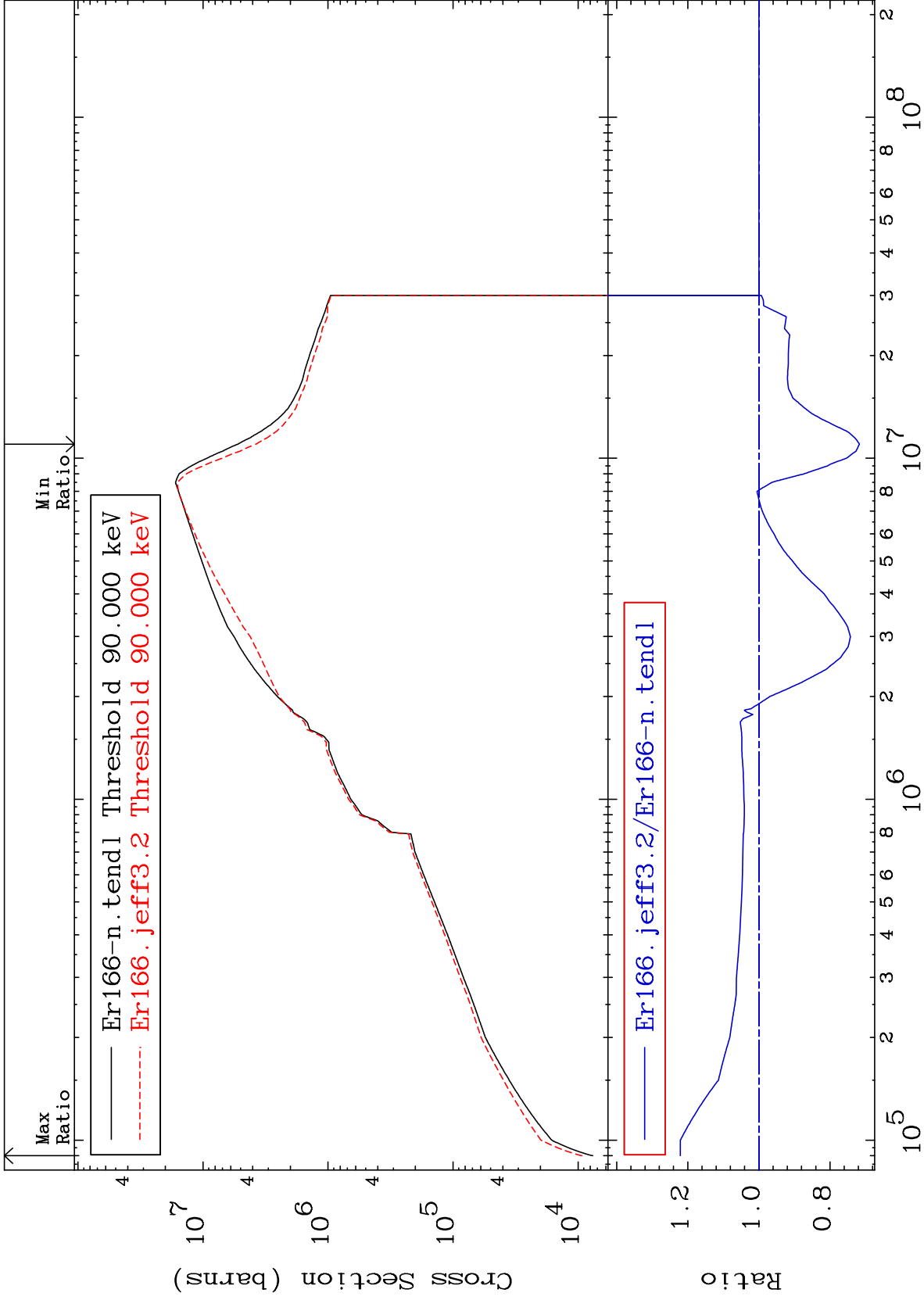




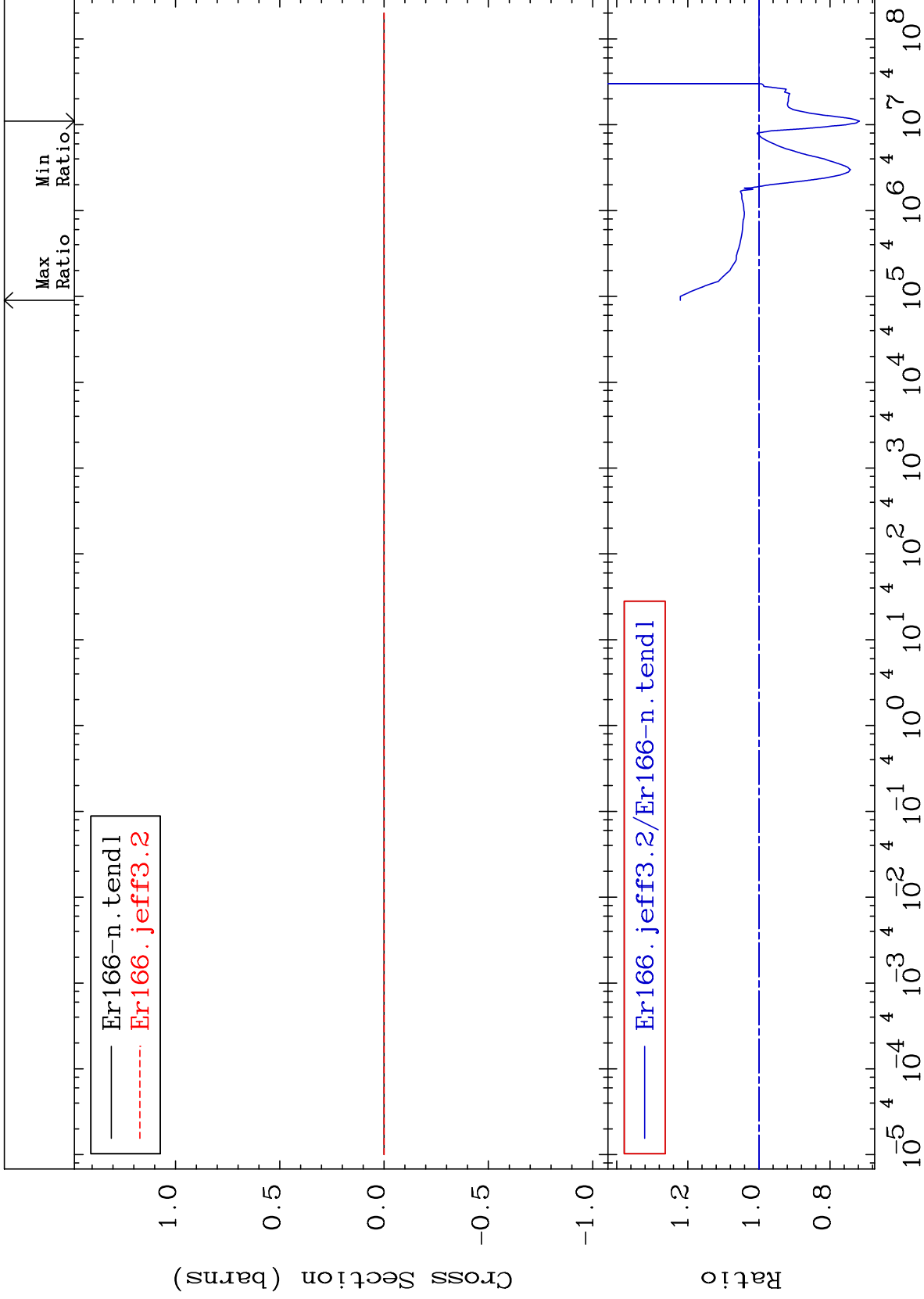
Cross Section

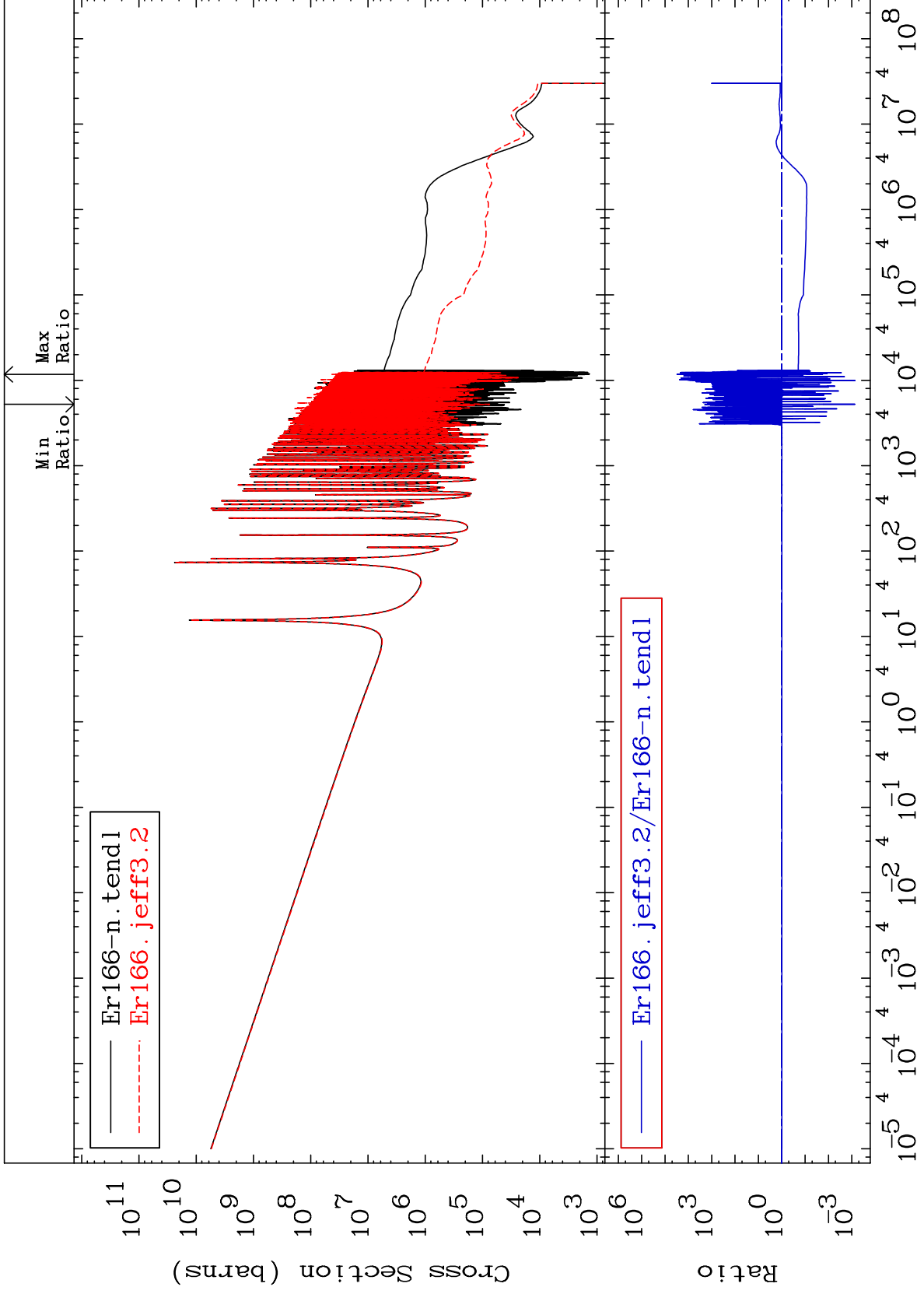
-99.93 To 9999. %







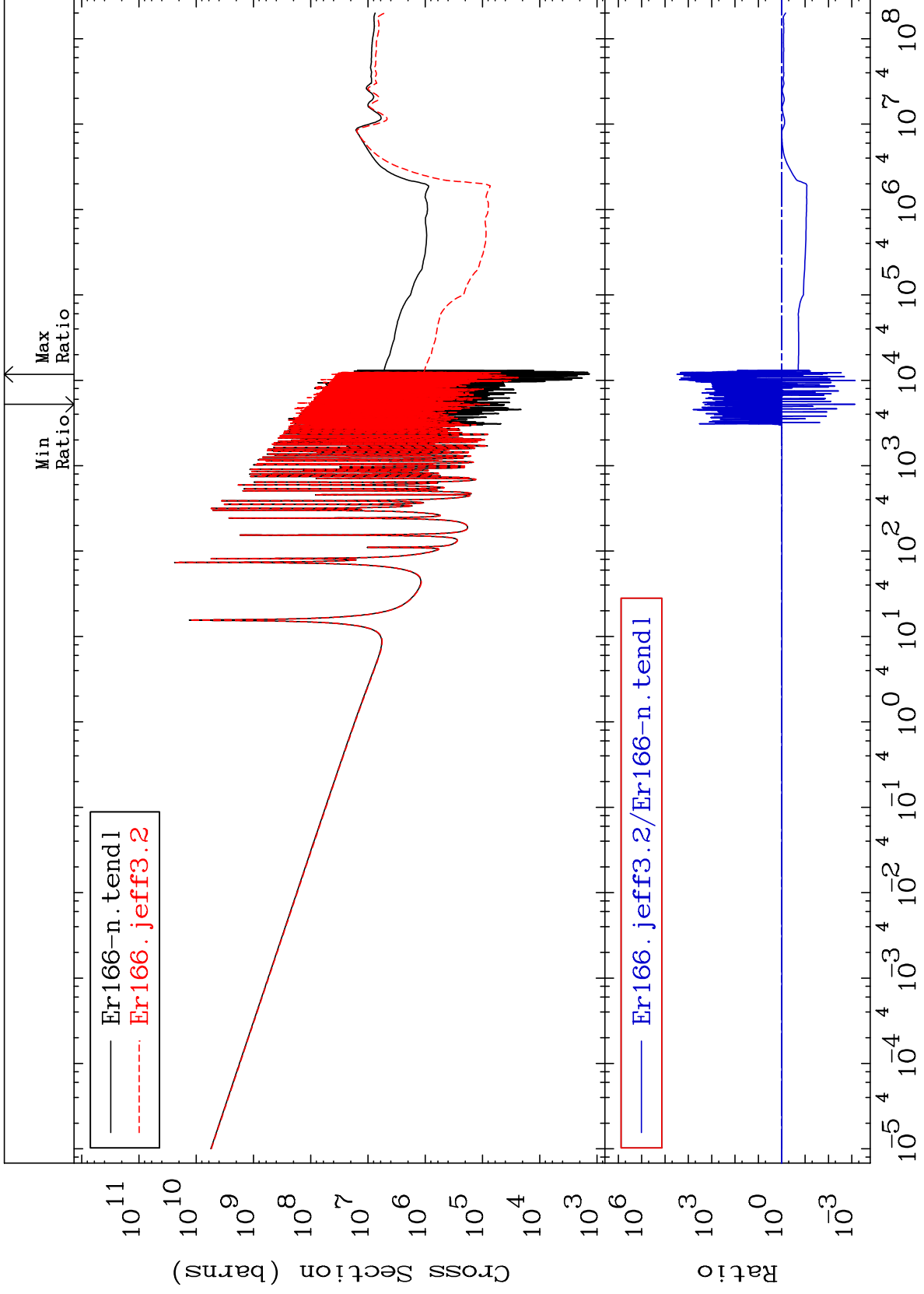




MAT 6837

Total photon (eV-barns)  
Cross Section

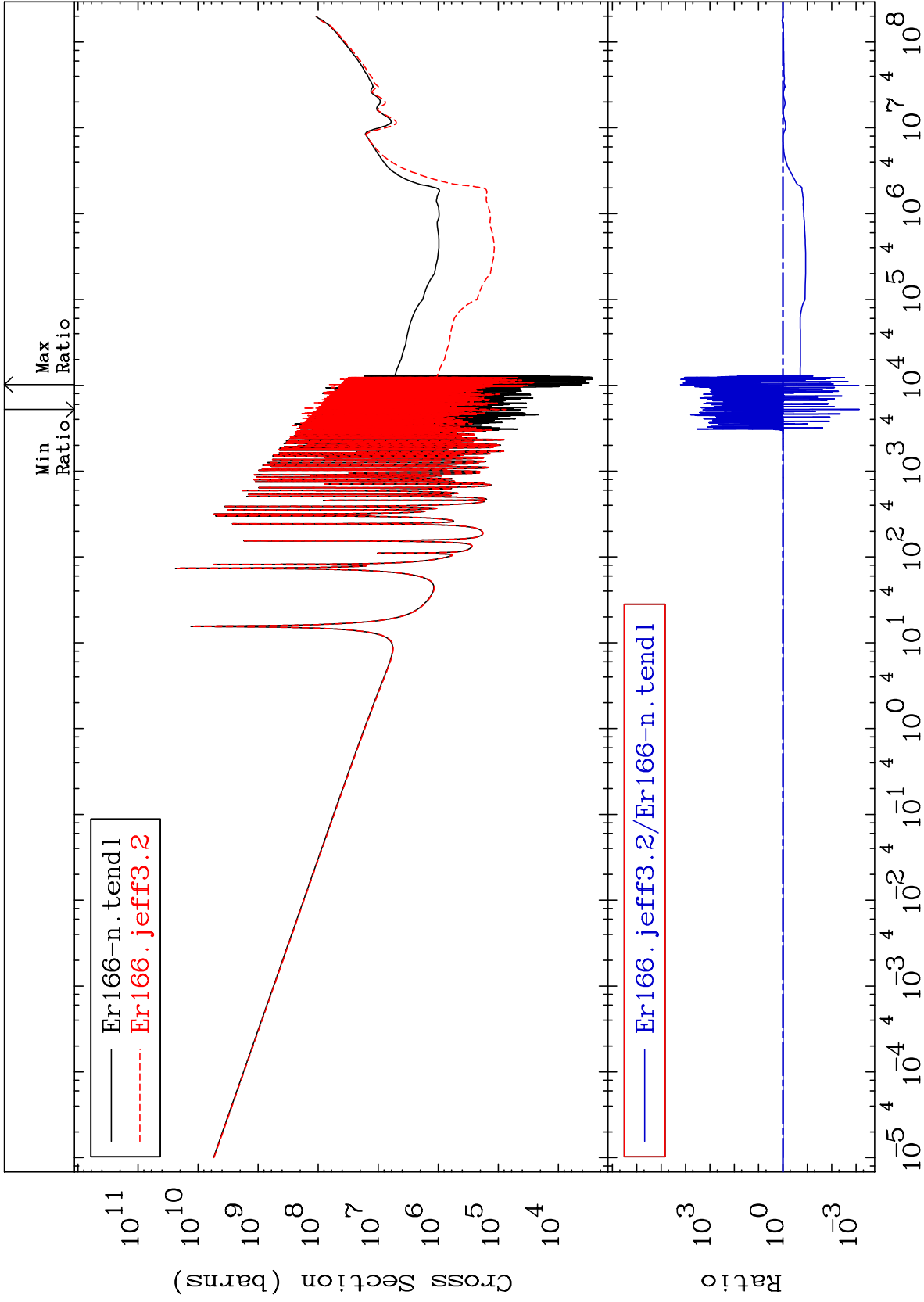
68-Er-166  
-99.93 To 9999. %

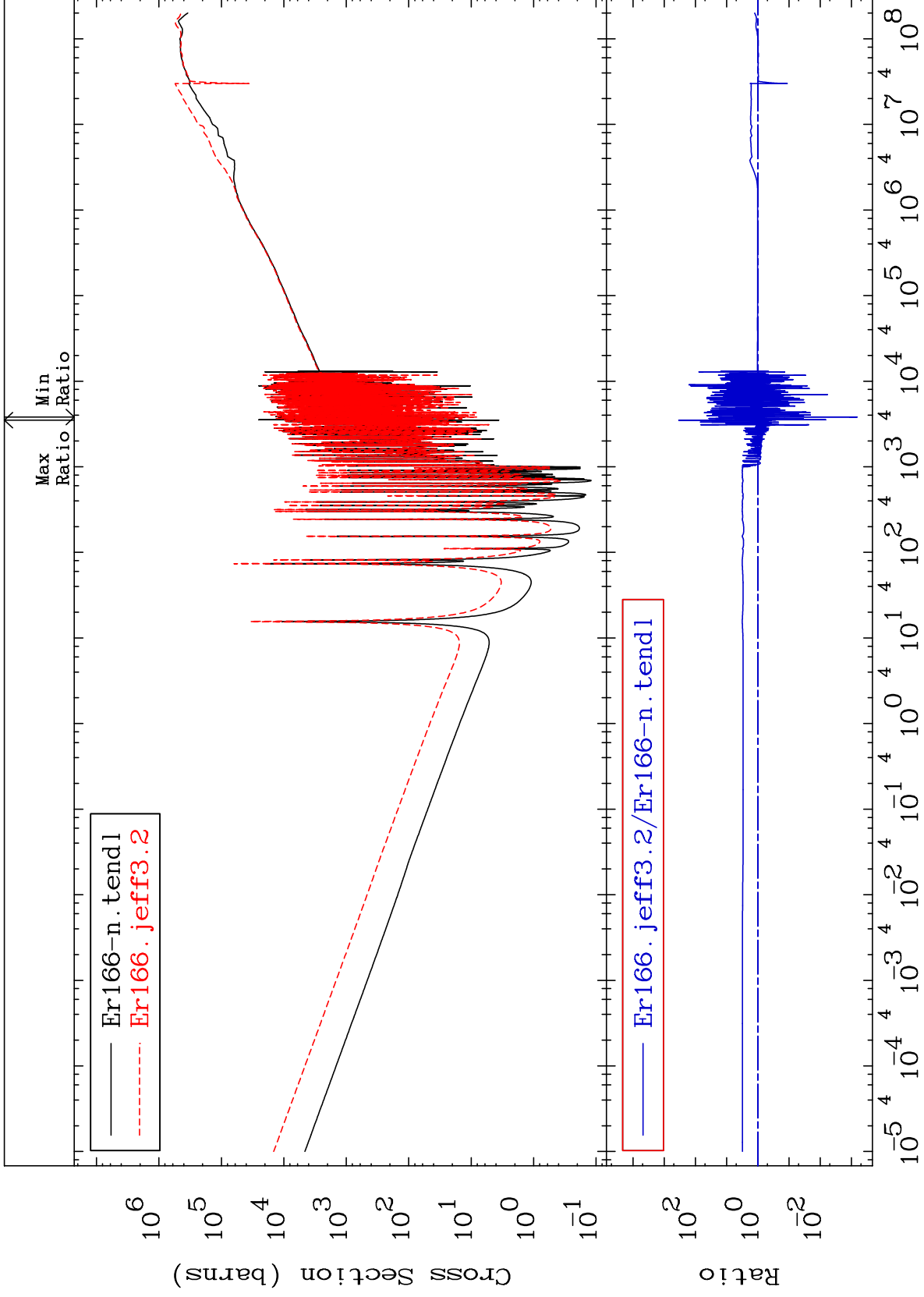


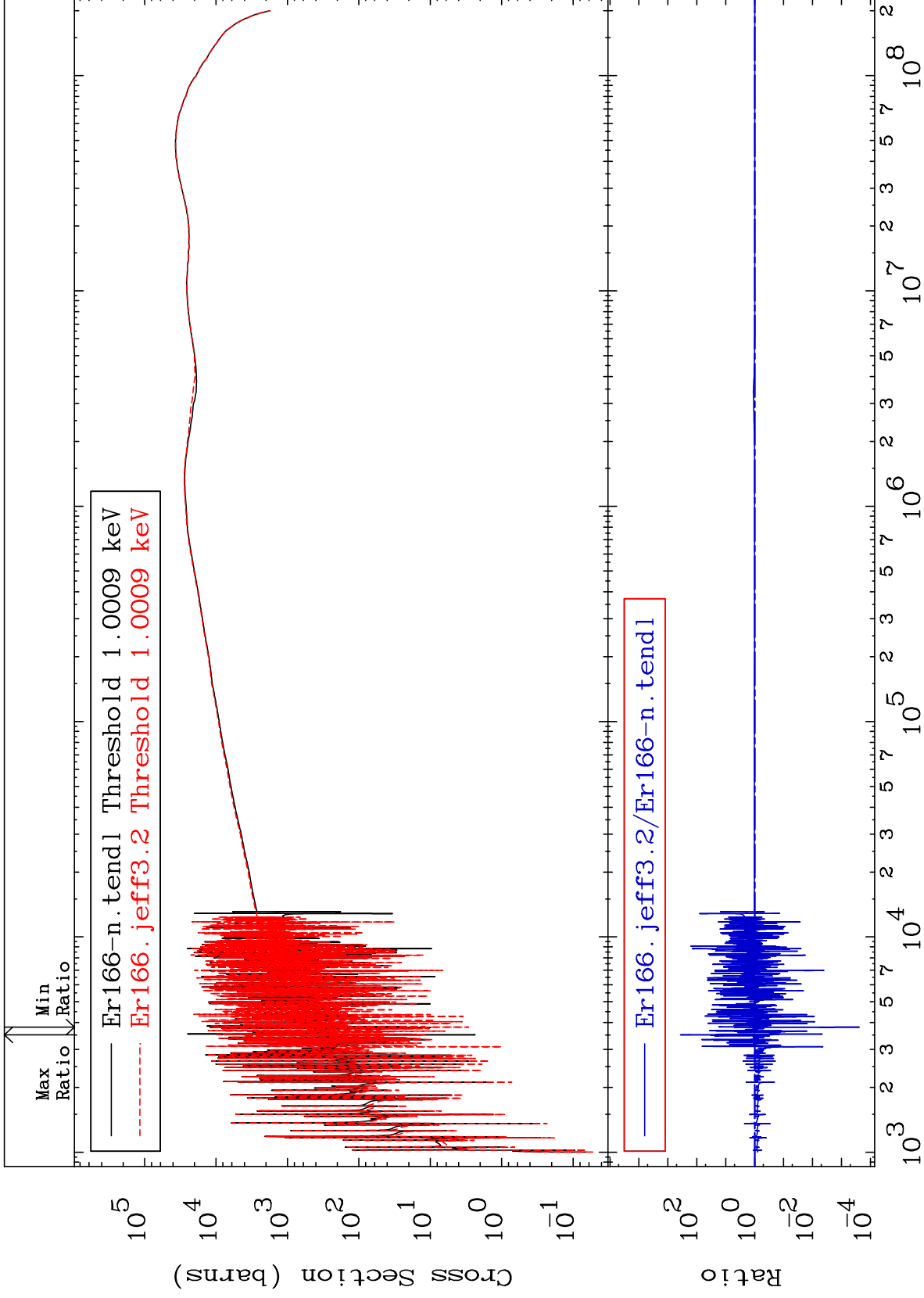
Incident Energy (eV)

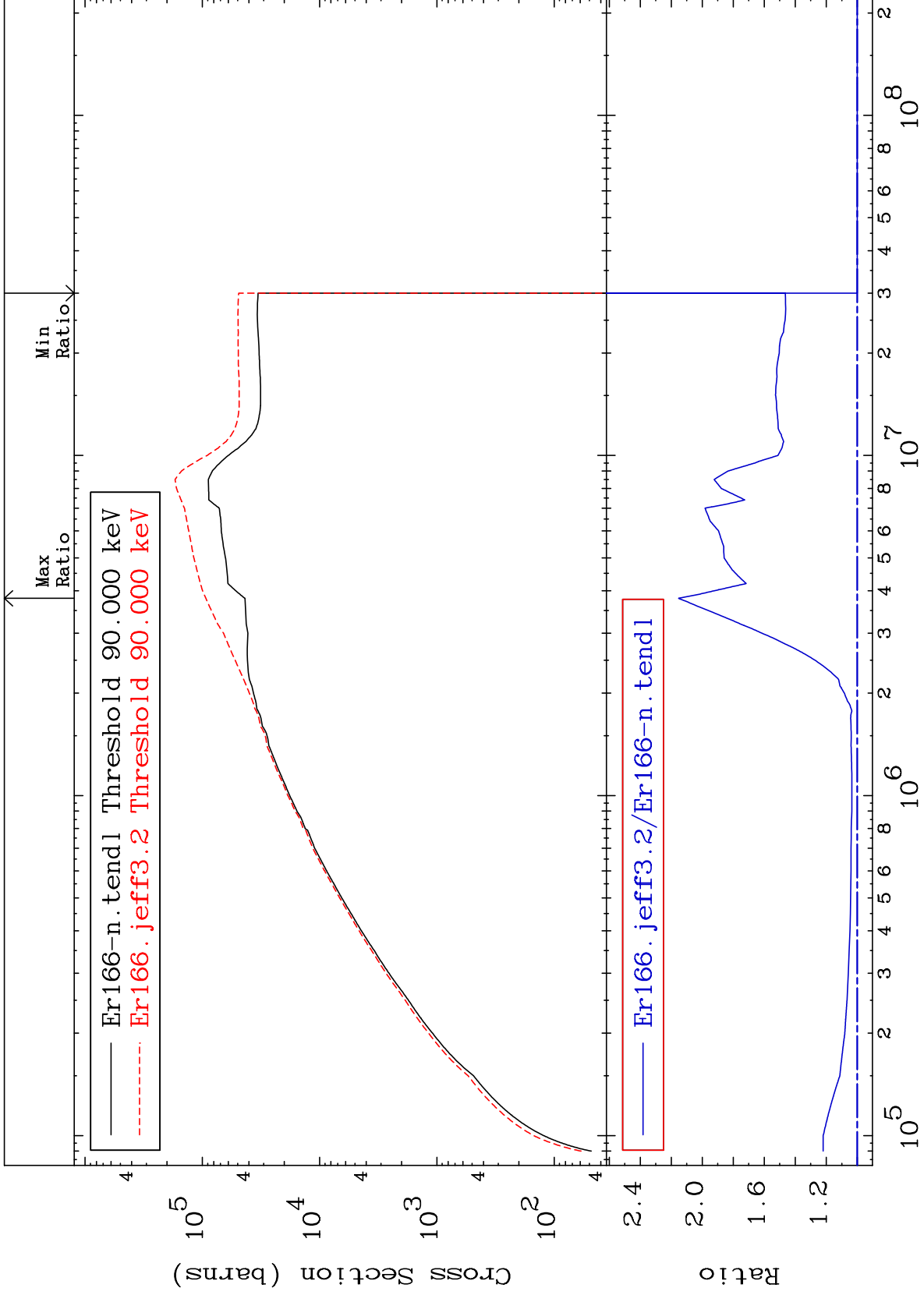
68-Er-166

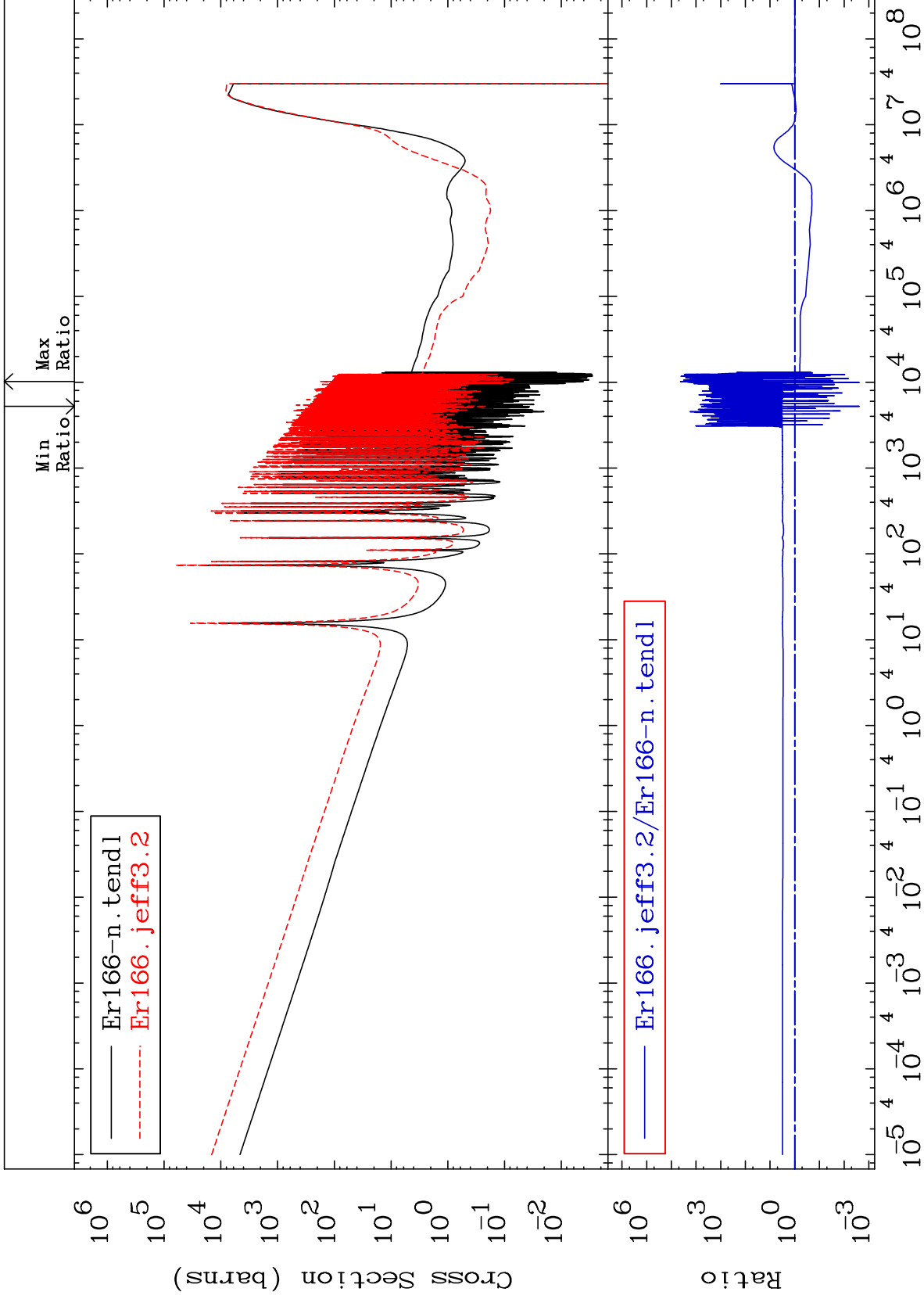
75





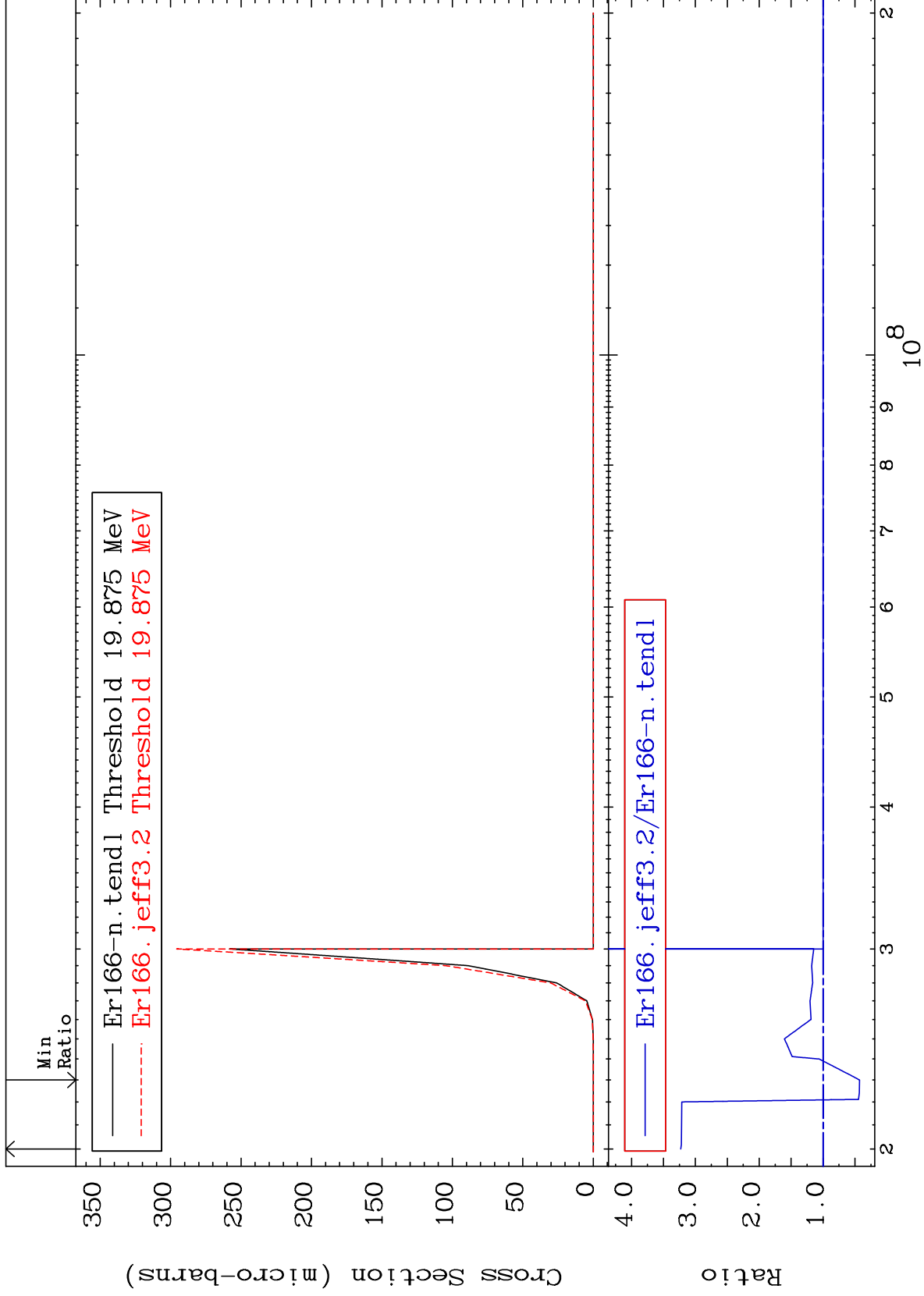








Radionuclide Production Cross Section -57.18 To 222.9 %

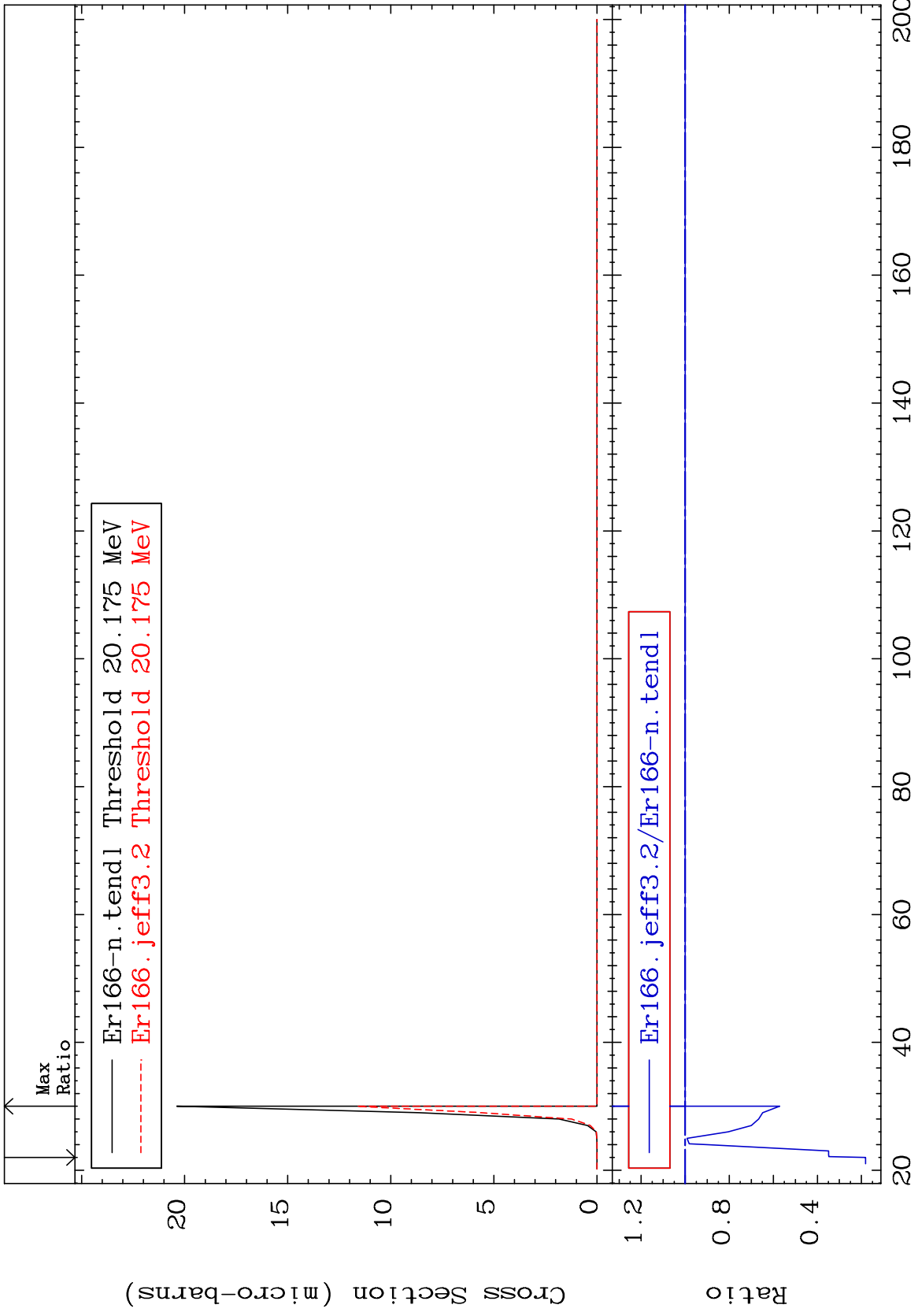


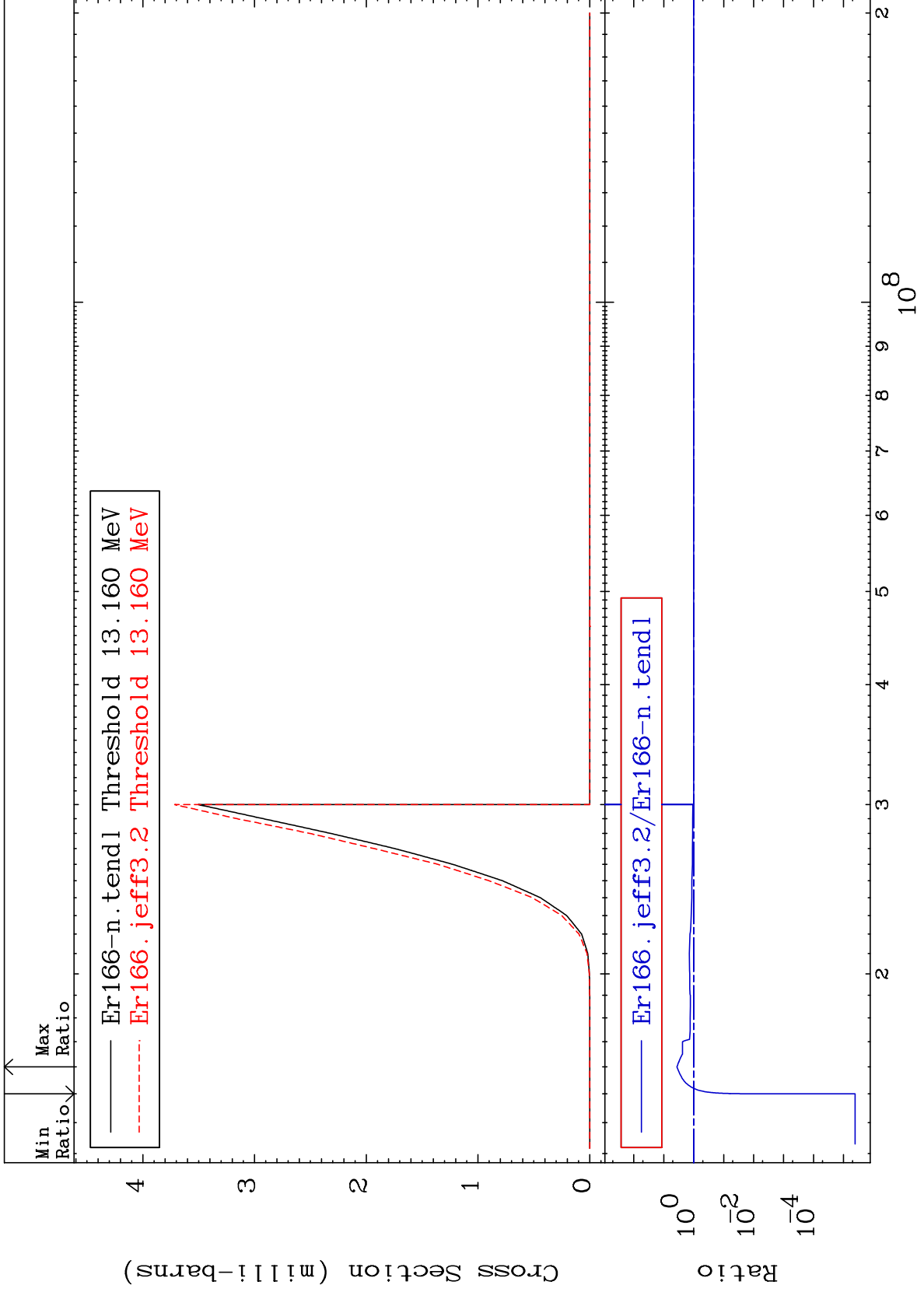
MAT 6837

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

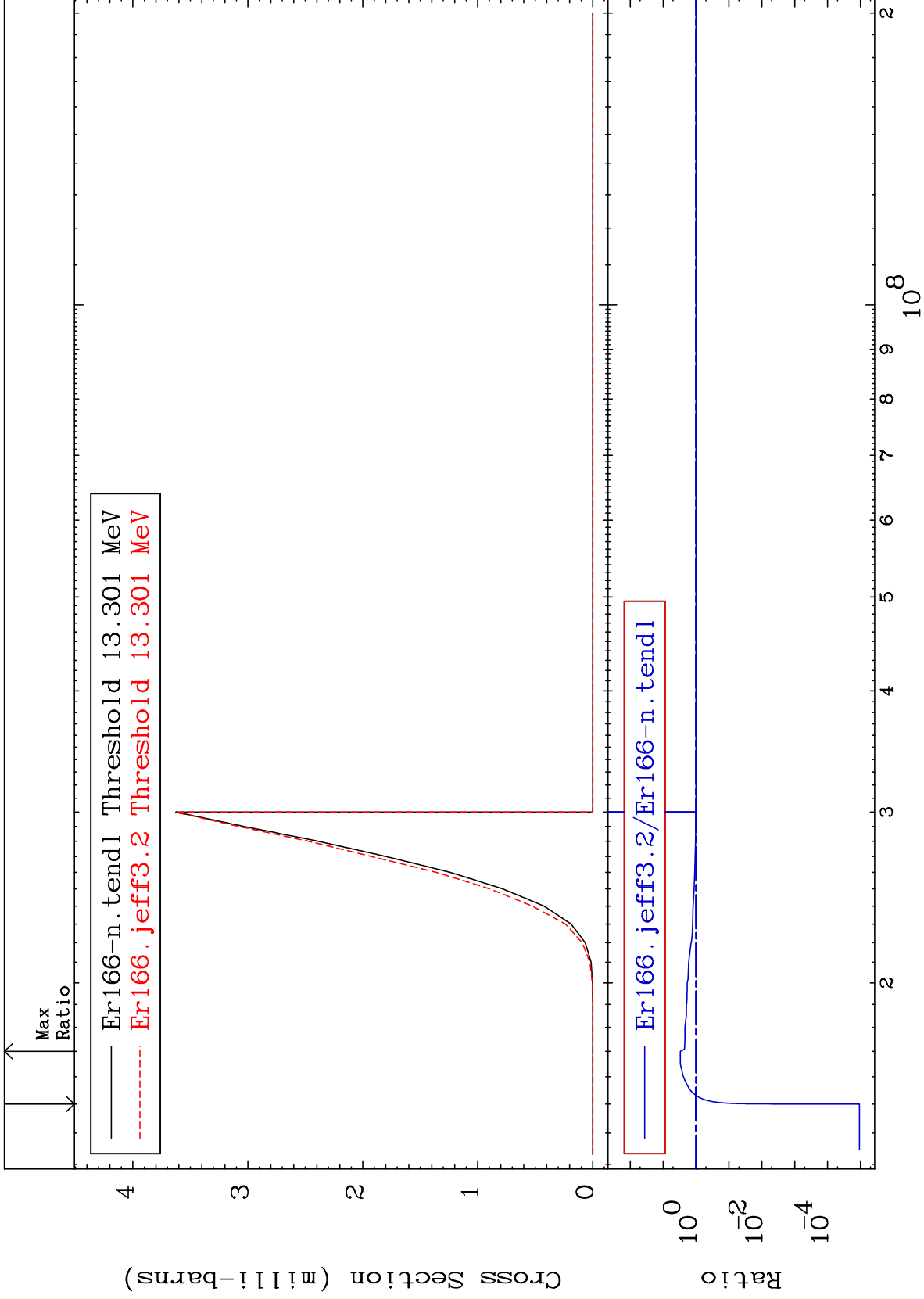
68-Er-166

Radionuclide Production Cross Section -81.88 To 0.000 %

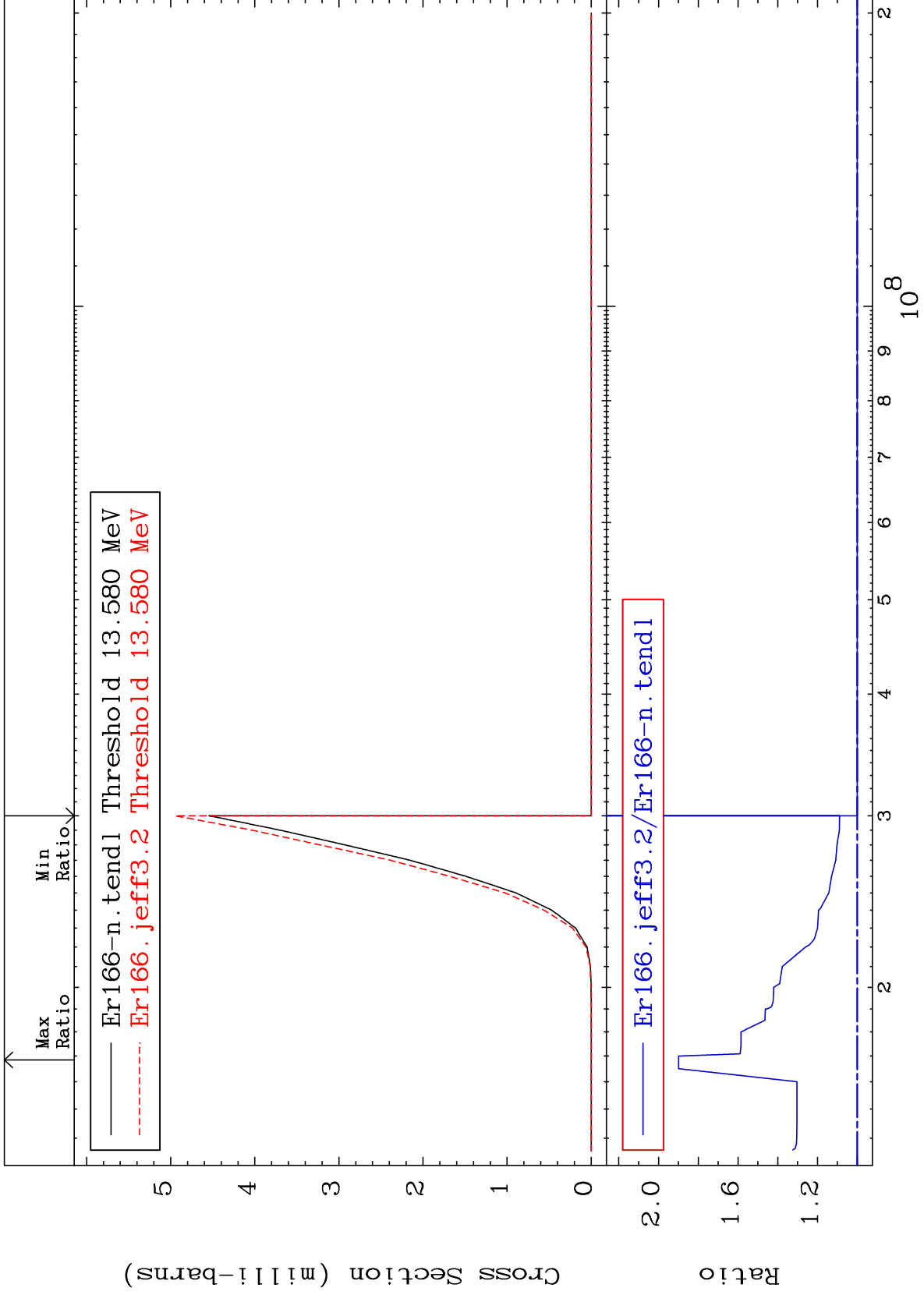




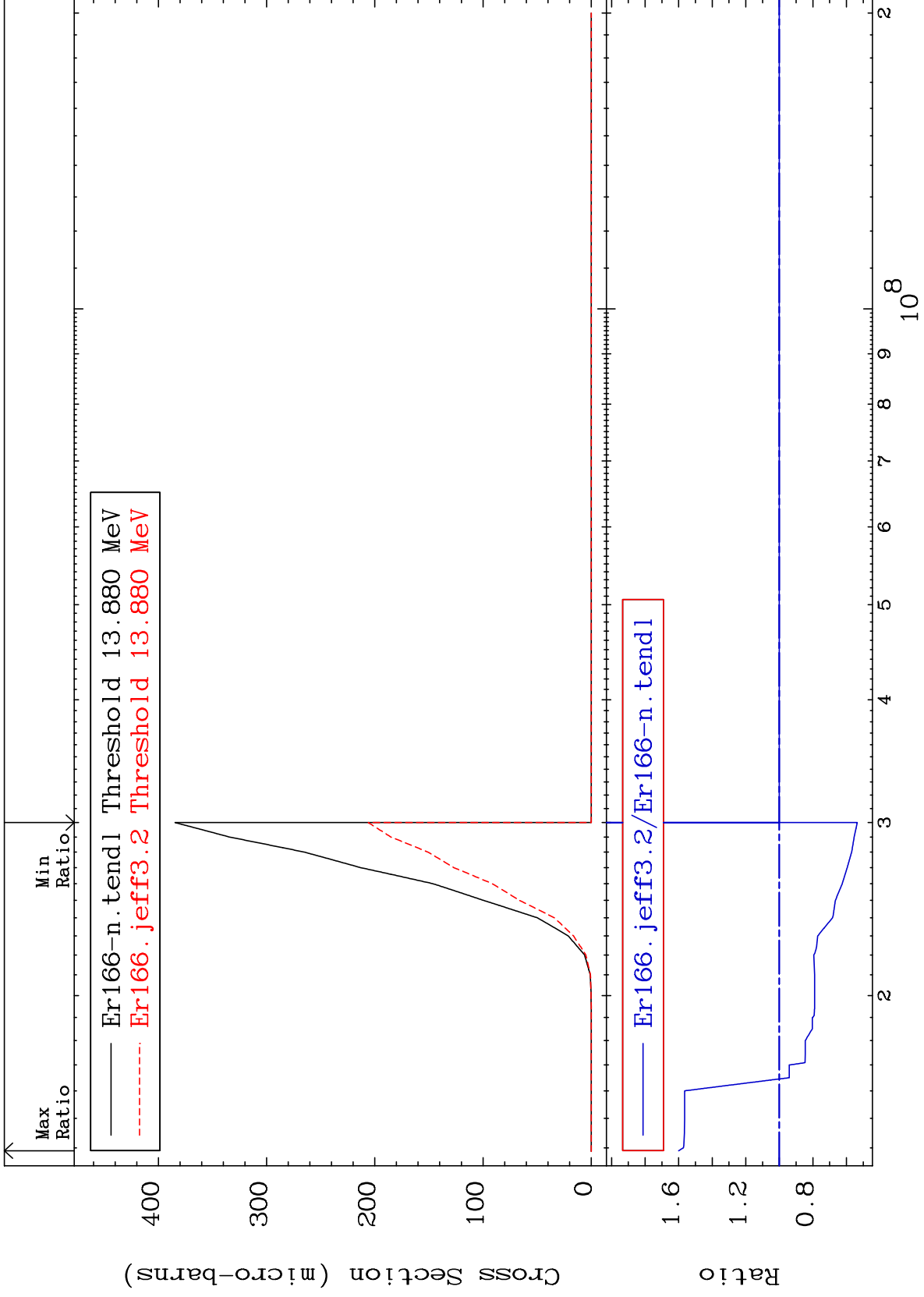
Radionuclide Production Cross Section -100.0 To 199.4 %



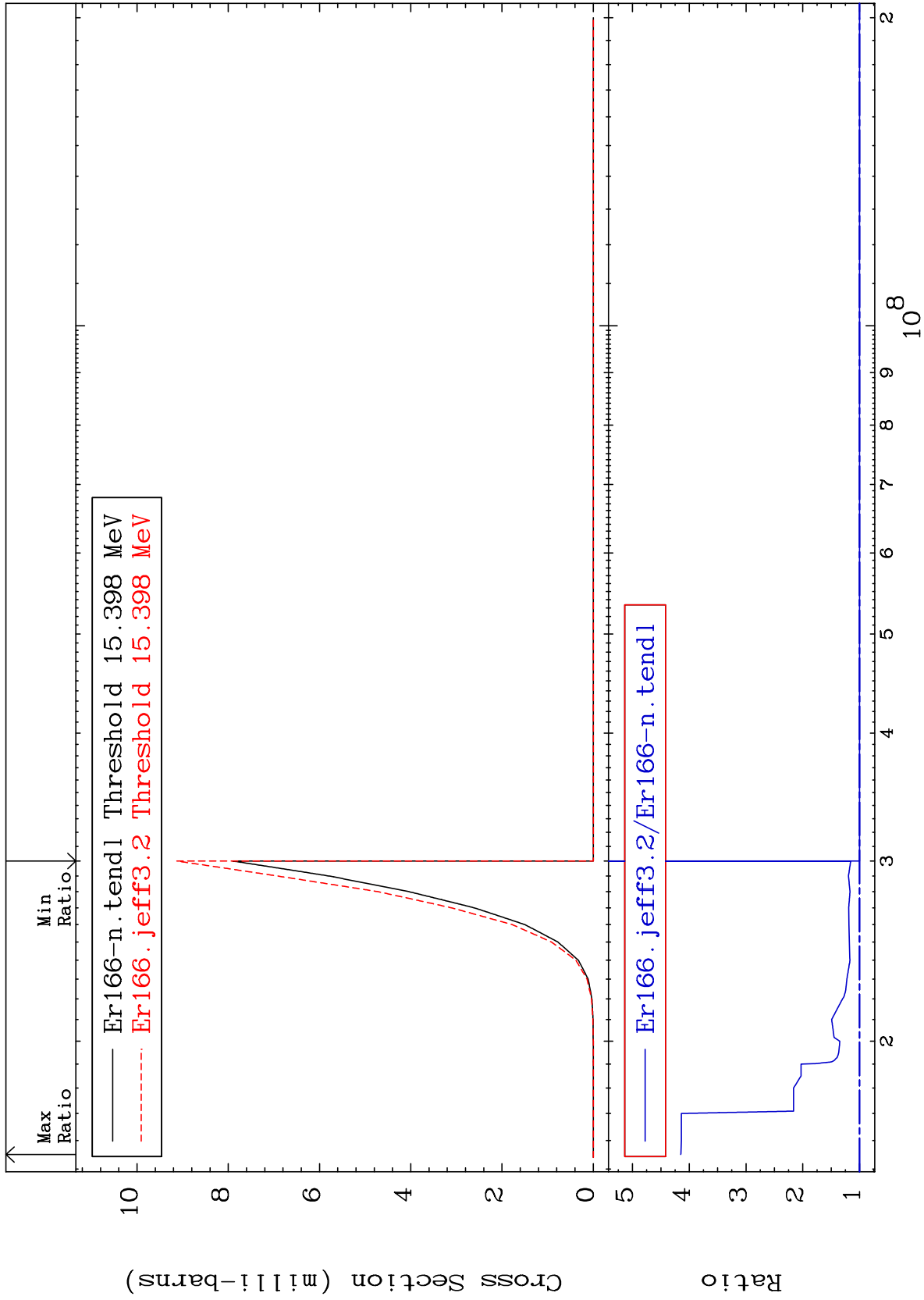
Radionuclide Production Cross Section 0.000 To 89.89 %



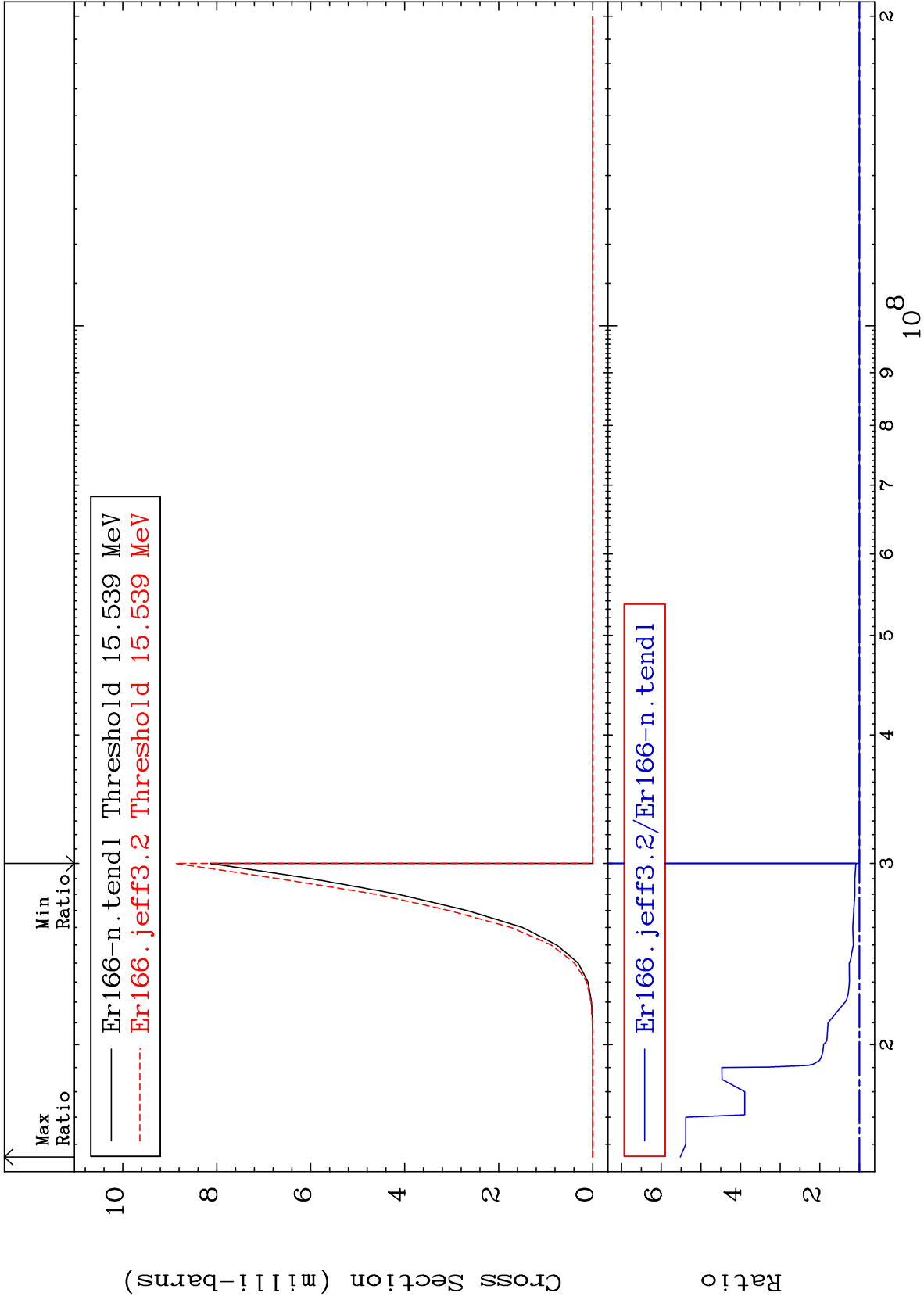
Radionuclide Production Cross Section -46.45 To 60.03 %



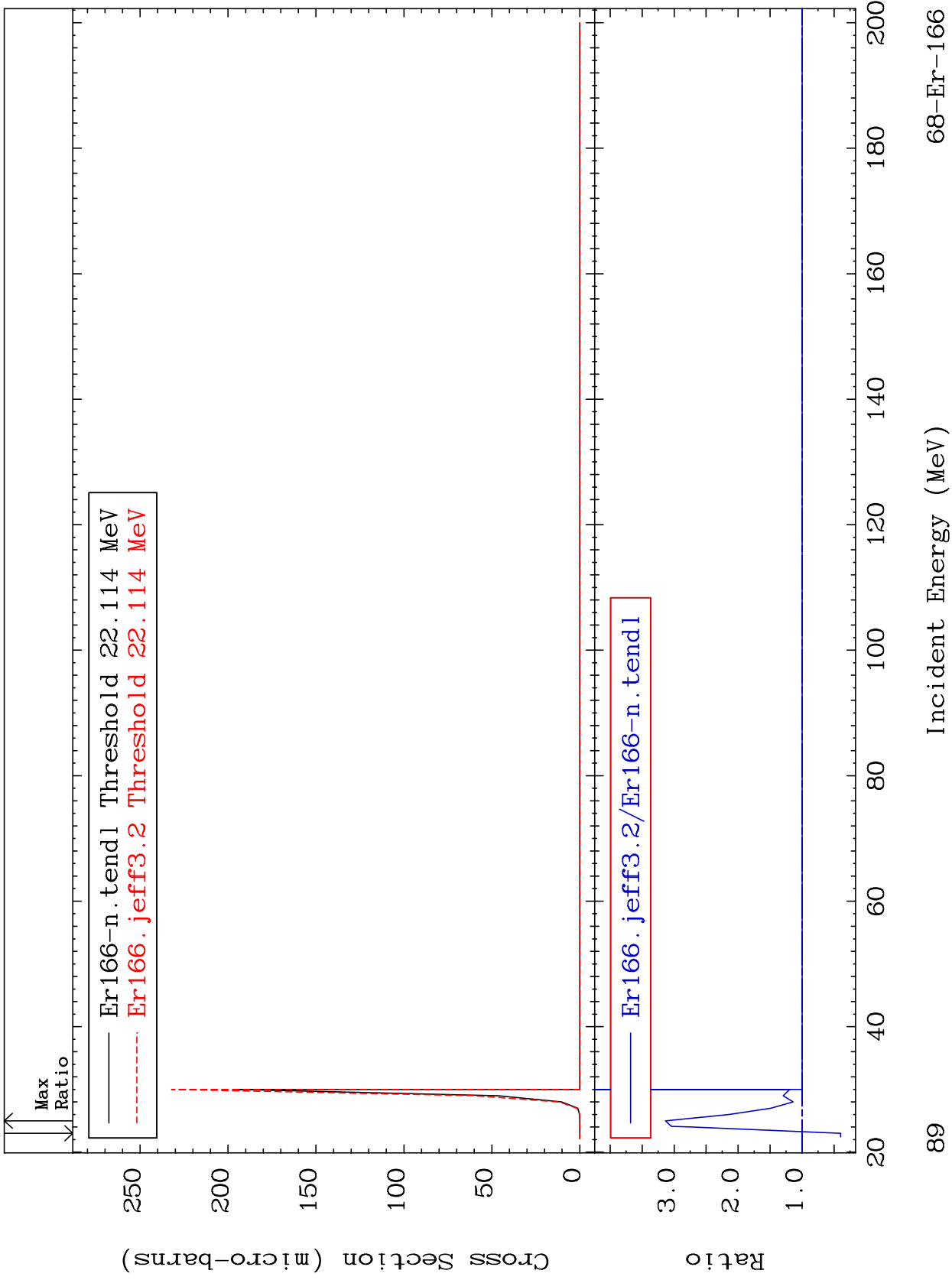
Radionuclide Production Cross Section 0.000 To 314.9 %



Radionuclide Production Cross Section 0.000 To 451.7 %

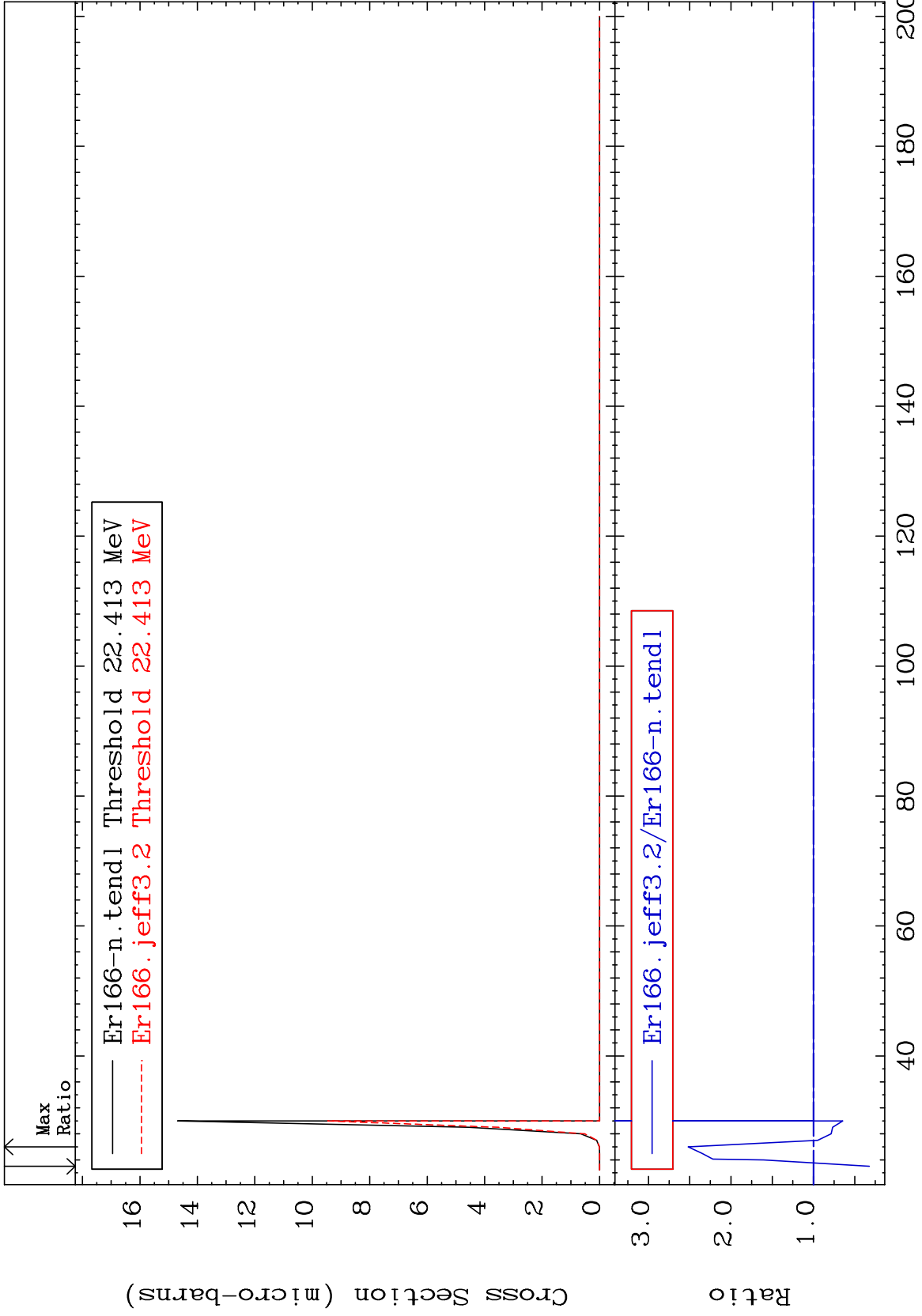






Radionuclide Production Cross Section

-67.76 To 151.9 %



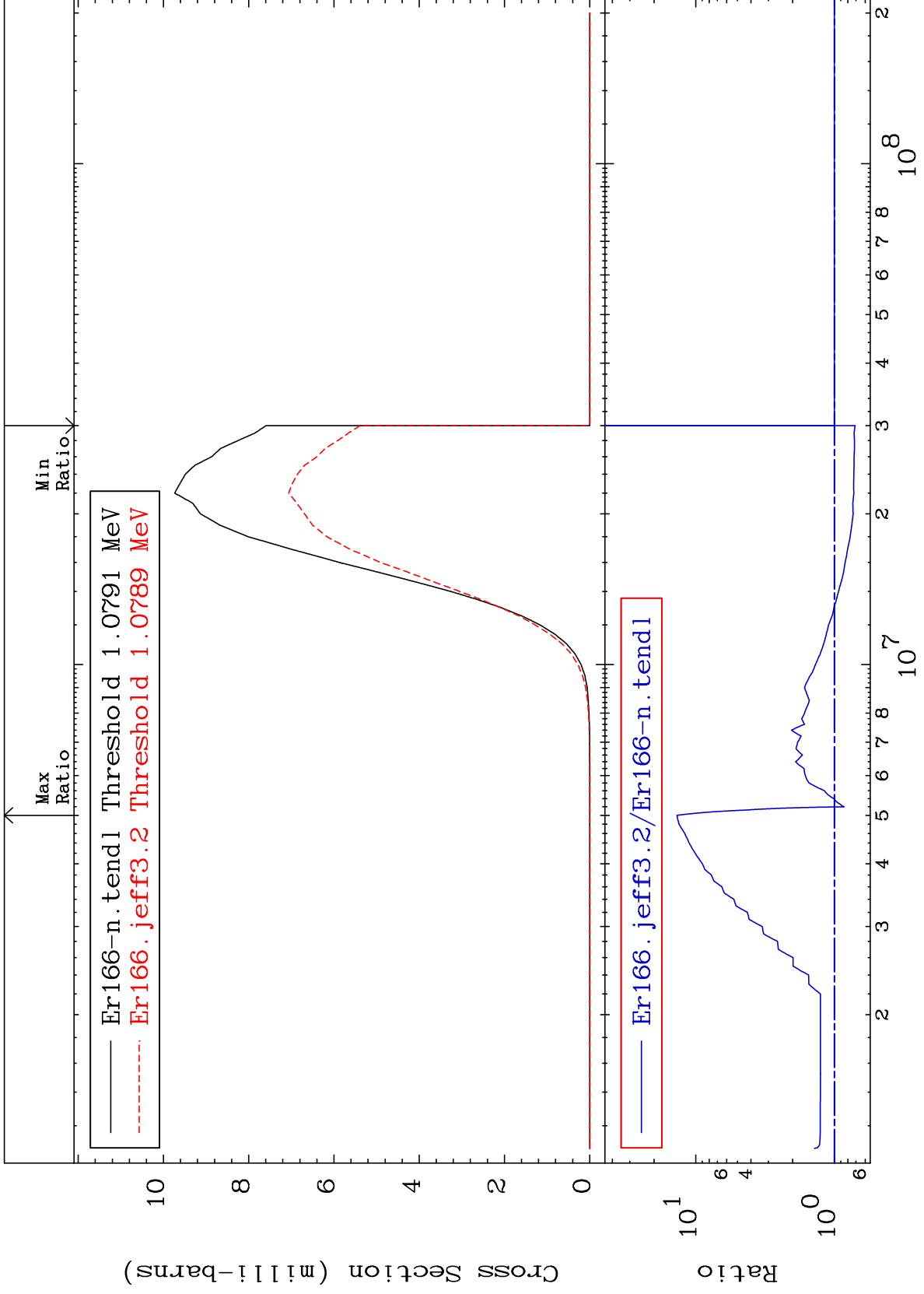
MAT 6837

(n, p) : 67-Ho-166g

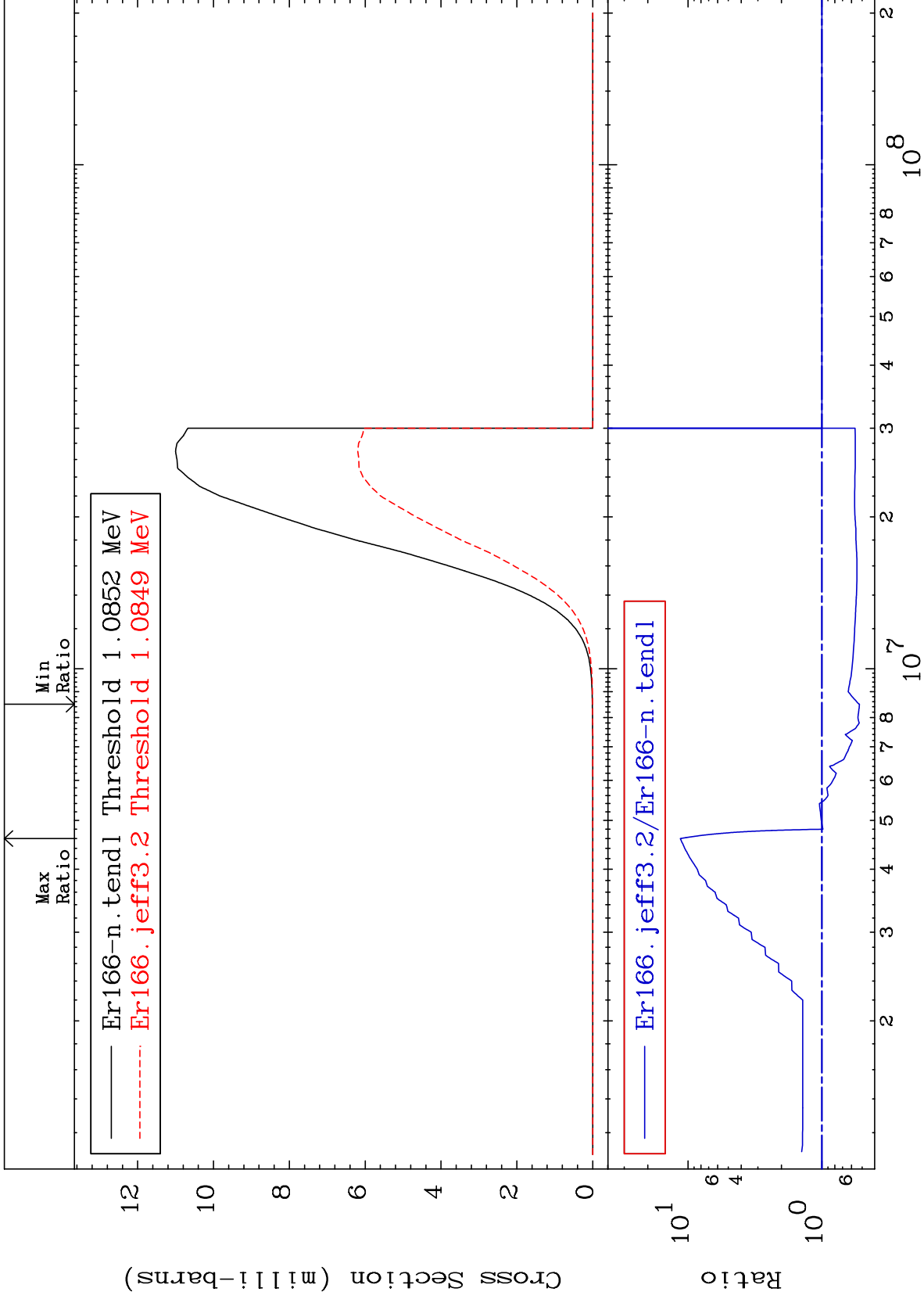
68-Er-166

Radionuclide Production Cross Section

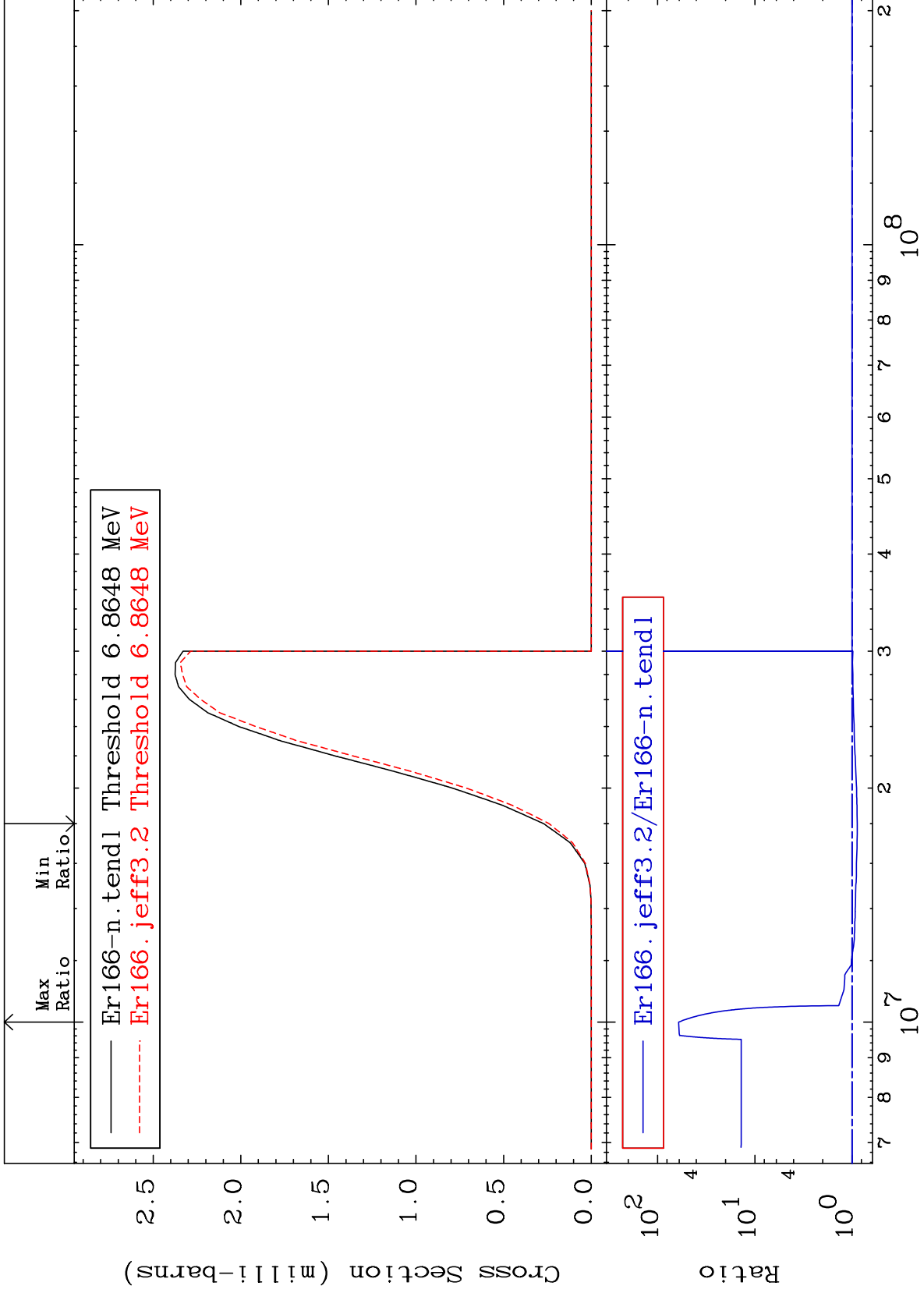
-29.08 To 1269. %



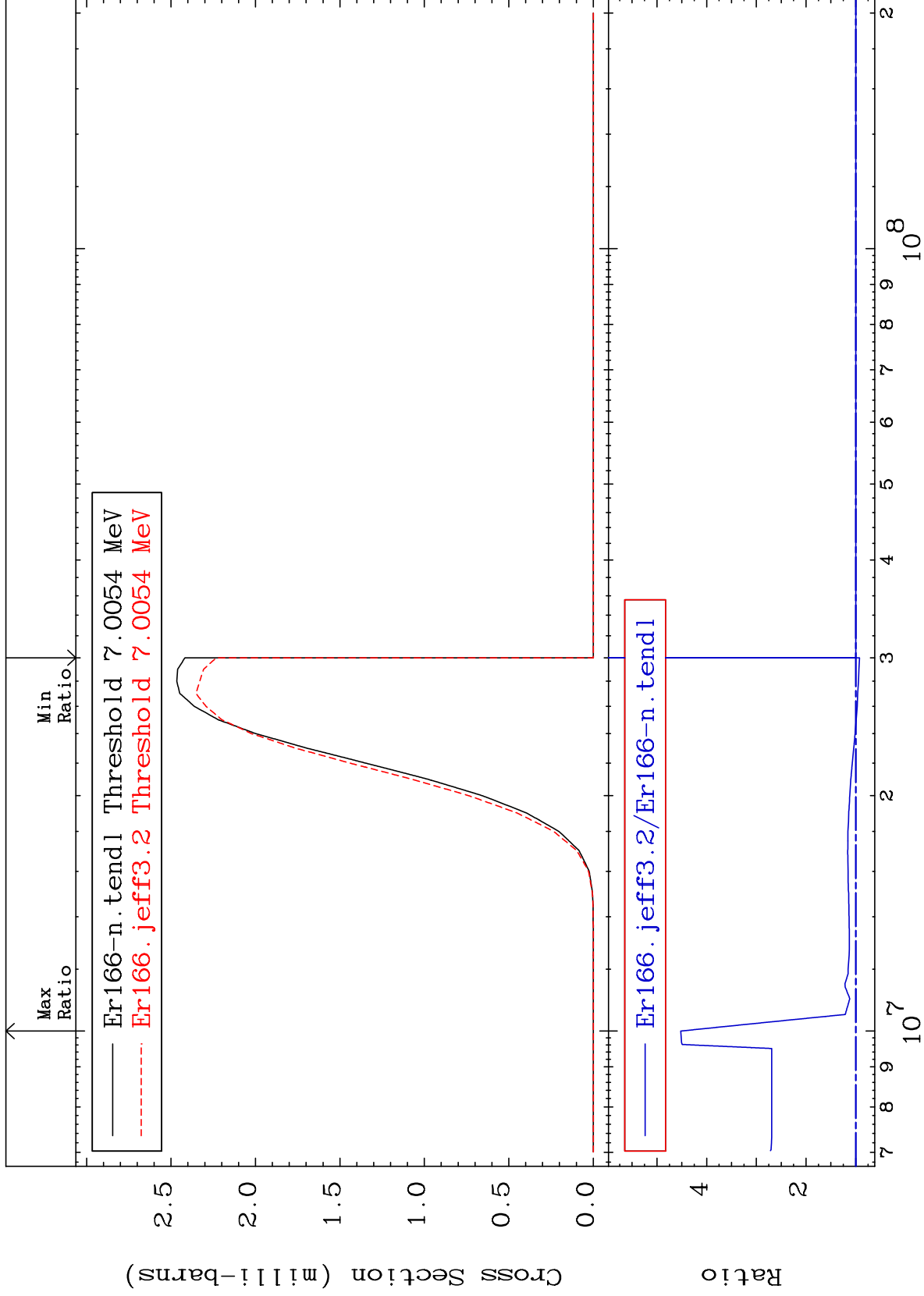
Radionuclide Production Cross Section -47.65 To 1041. %



Radionuclide Production Cross Section -11.55 To 5976. %



Radionuclide Production Cross Section -7.686 To 352.1 %

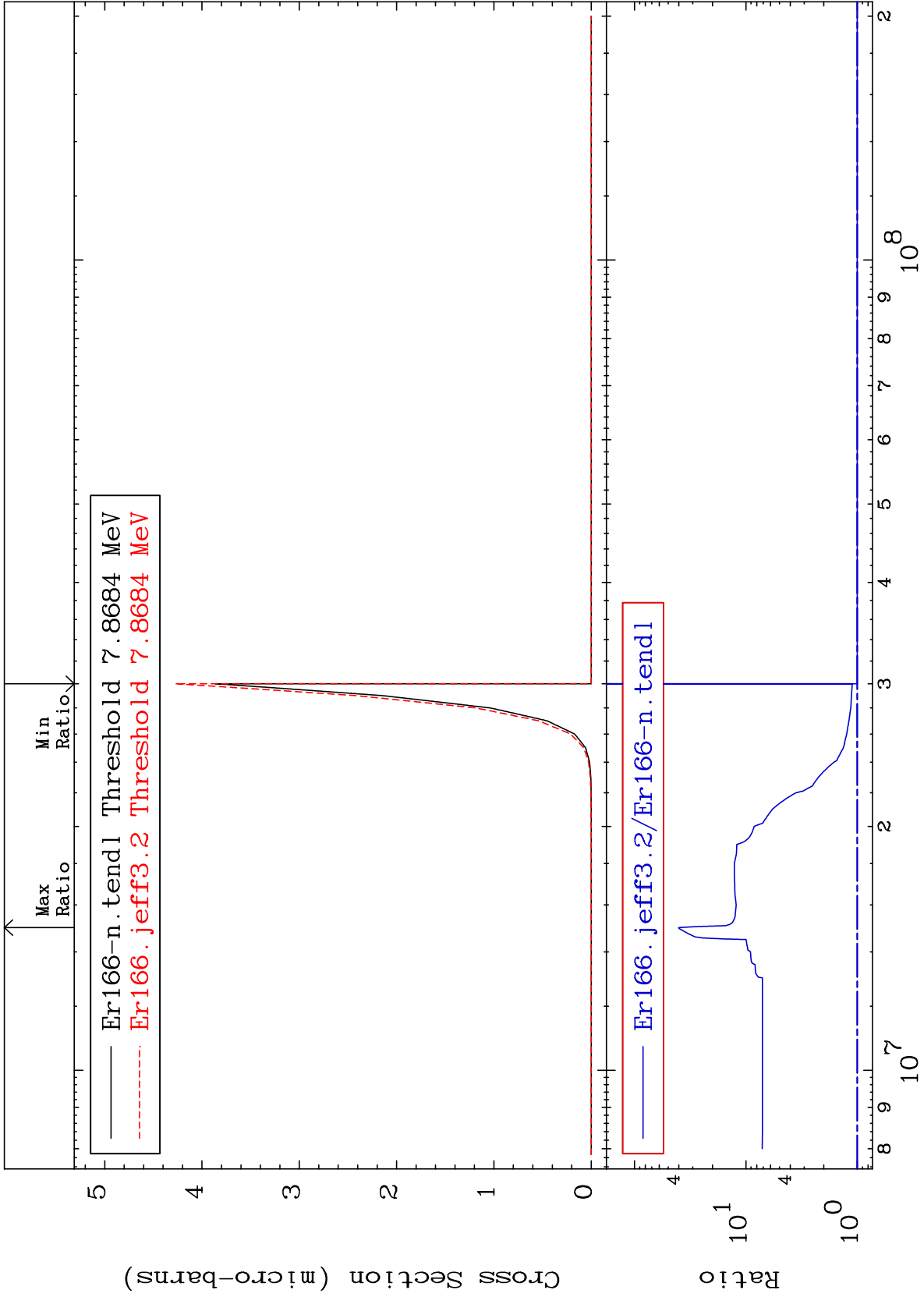


MAT 6837

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

68-Er-166

Radionuclide Production Cross Section 0.000 To 3921. %



95

Incident Energy (eV)

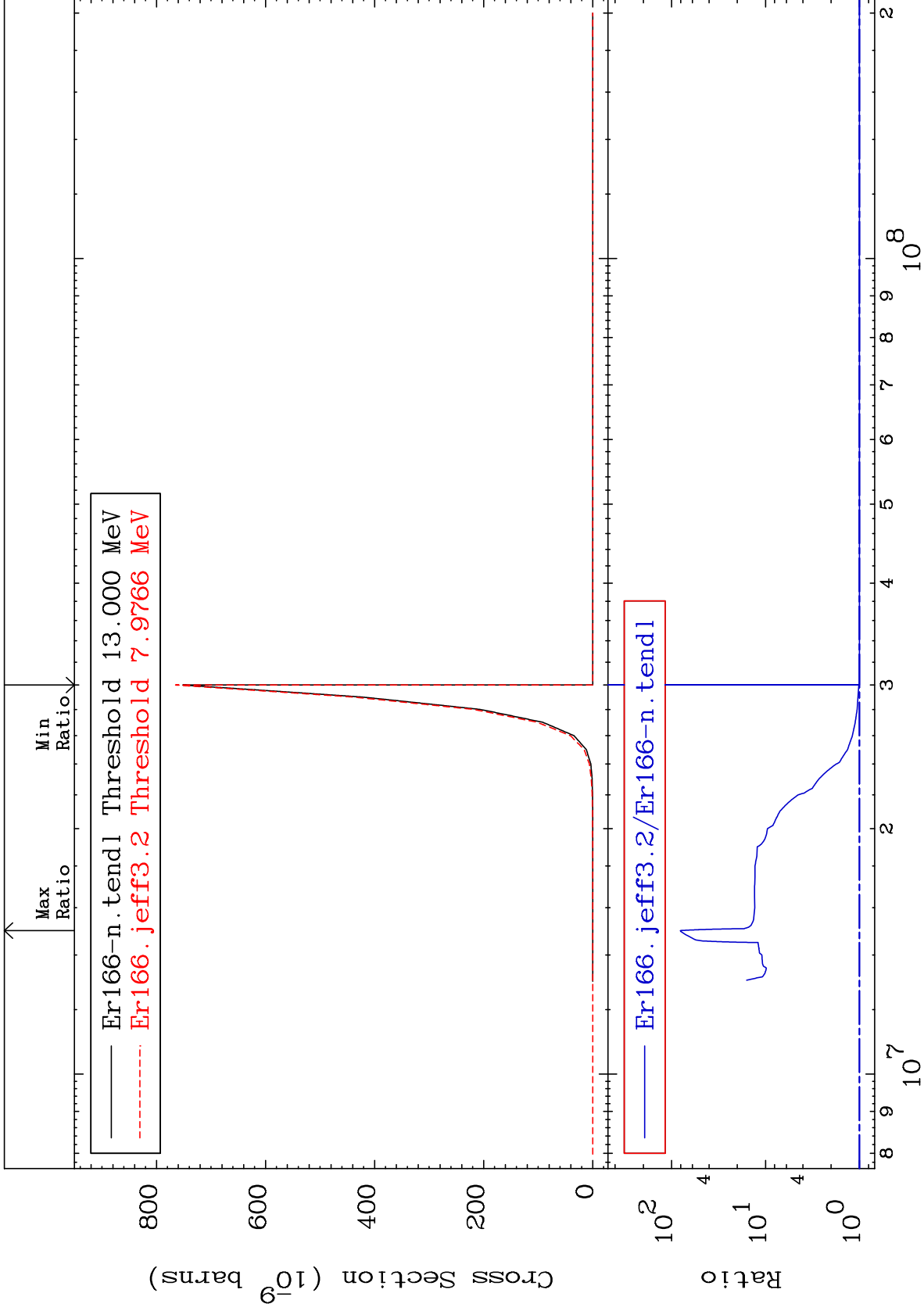
68-Er-166

MAT 6837

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

68-Er-166

Radionuclide Production Cross Section 0.000 To 7971. %



96

68-Er-166

68-Er-166