

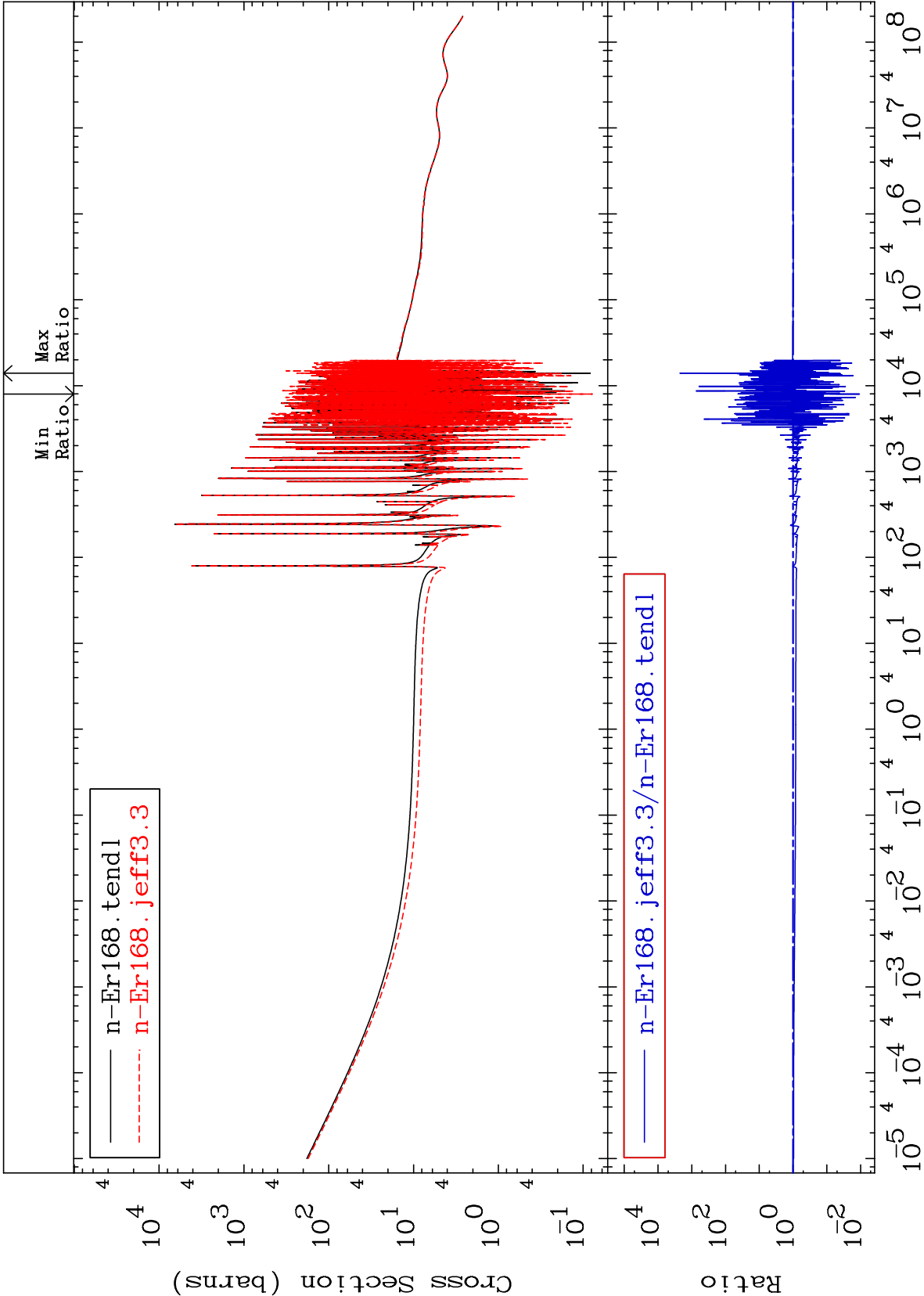
MAT 6843

Total

68-Er-168

Cross Section

-98.92 To 9999. %



Incident Energy (eV)

68-Er-168

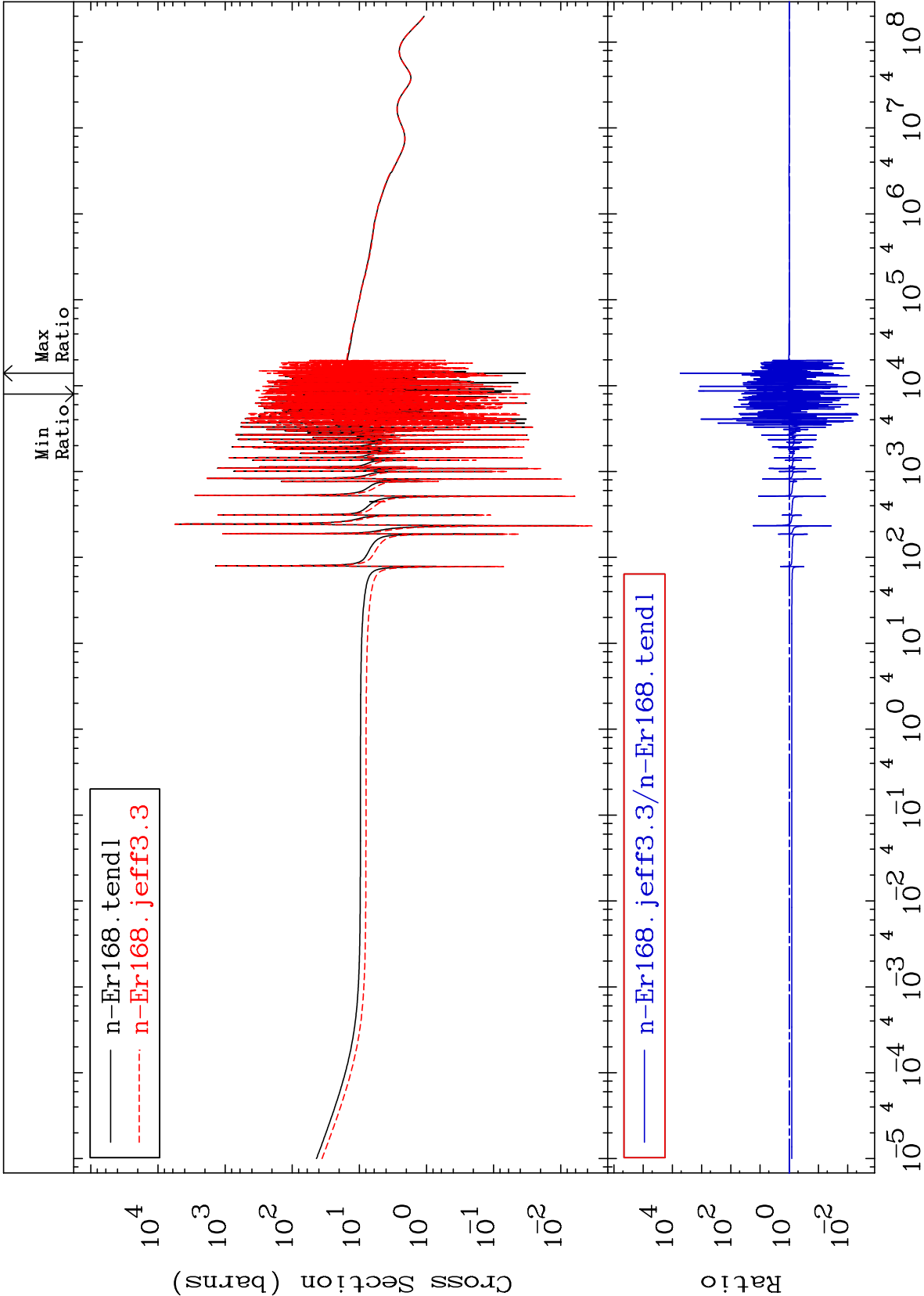
MAT 6843

Elastic

68-Er-168

Cross Section

-99.60 To 9999. %



68-Er-168

68-Er-168

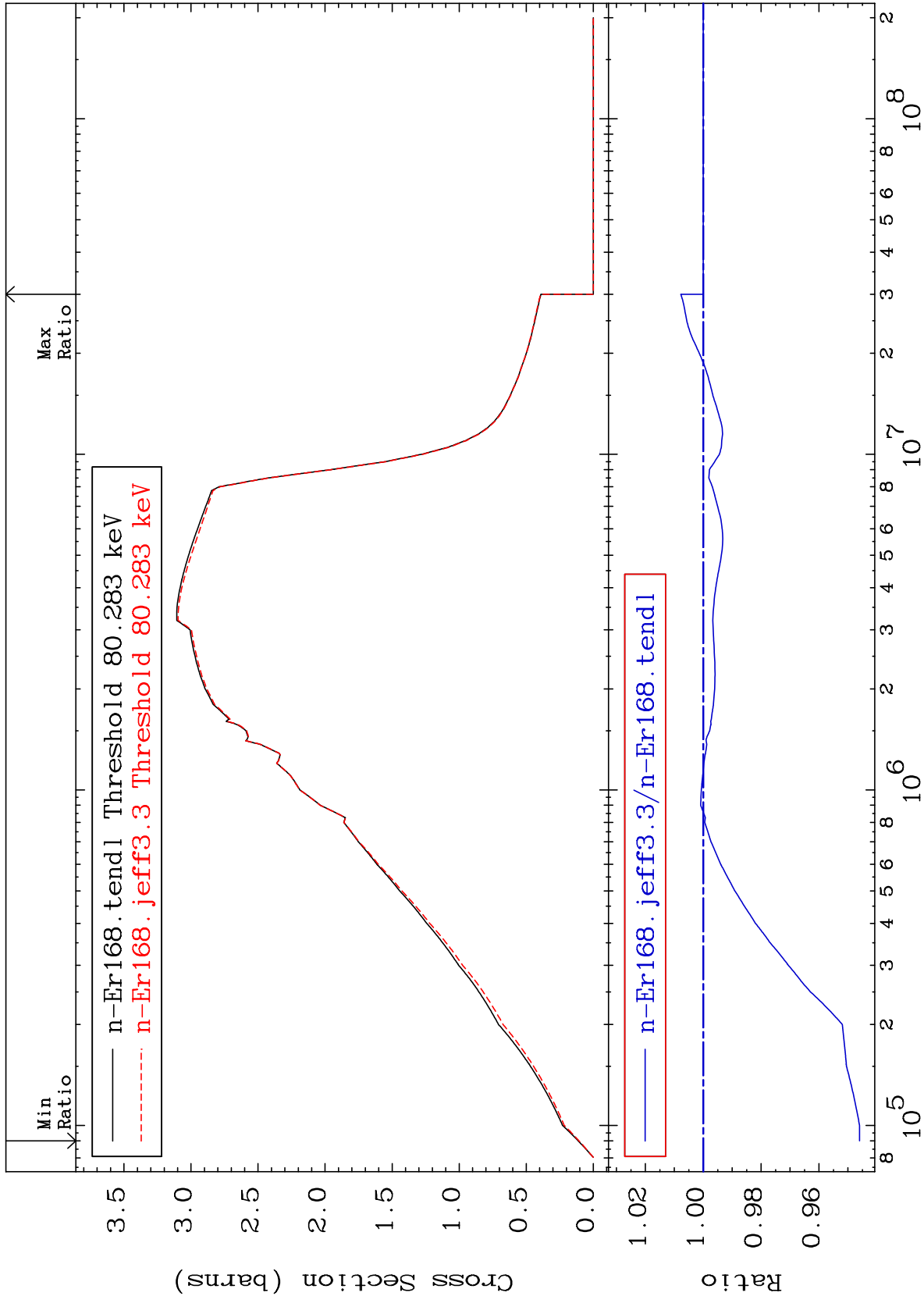
MAT 6843

Inelastic

68-Er-168

Cross Section

-5.401 To 0.778 %



3

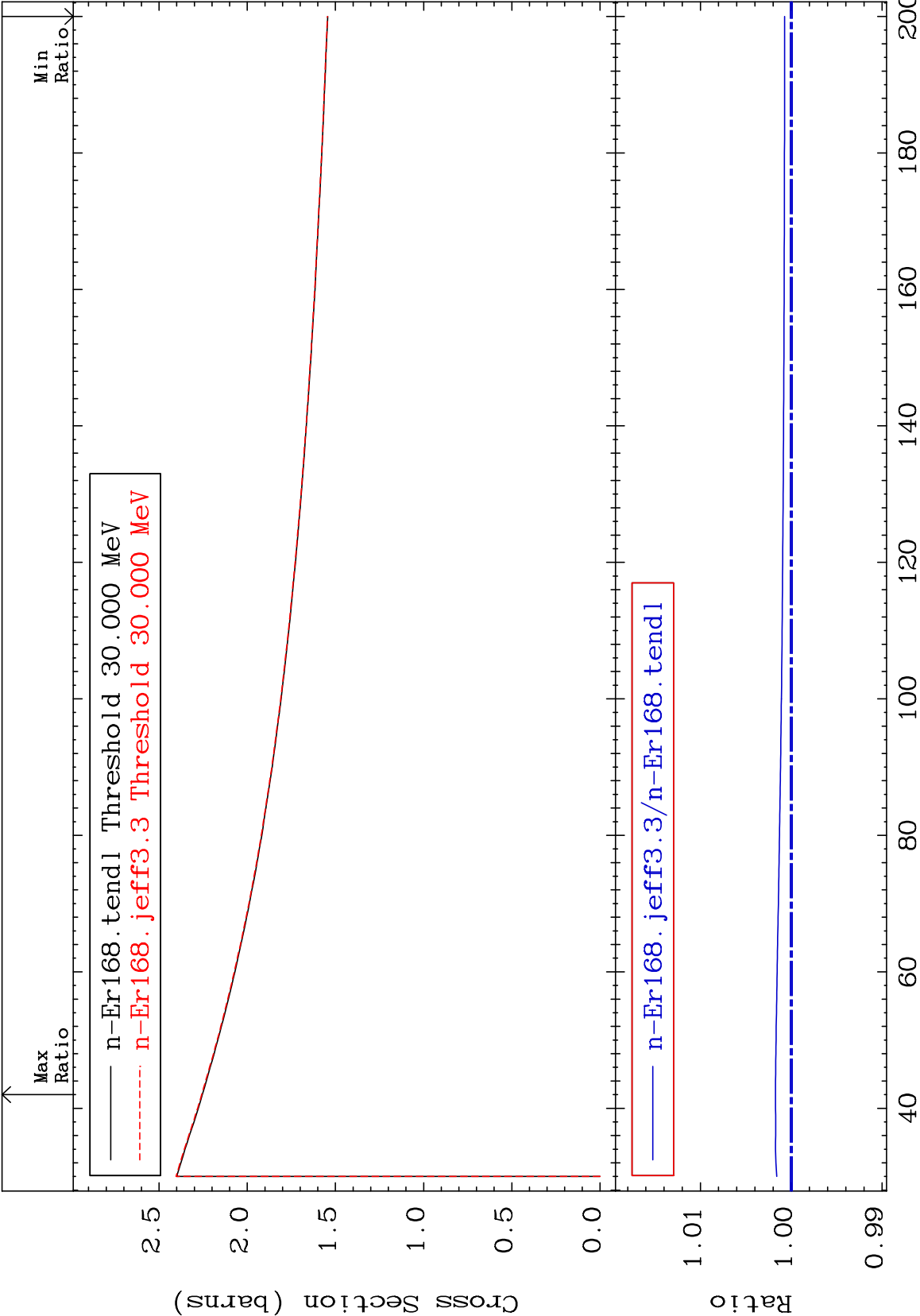
Incident Energy (eV)

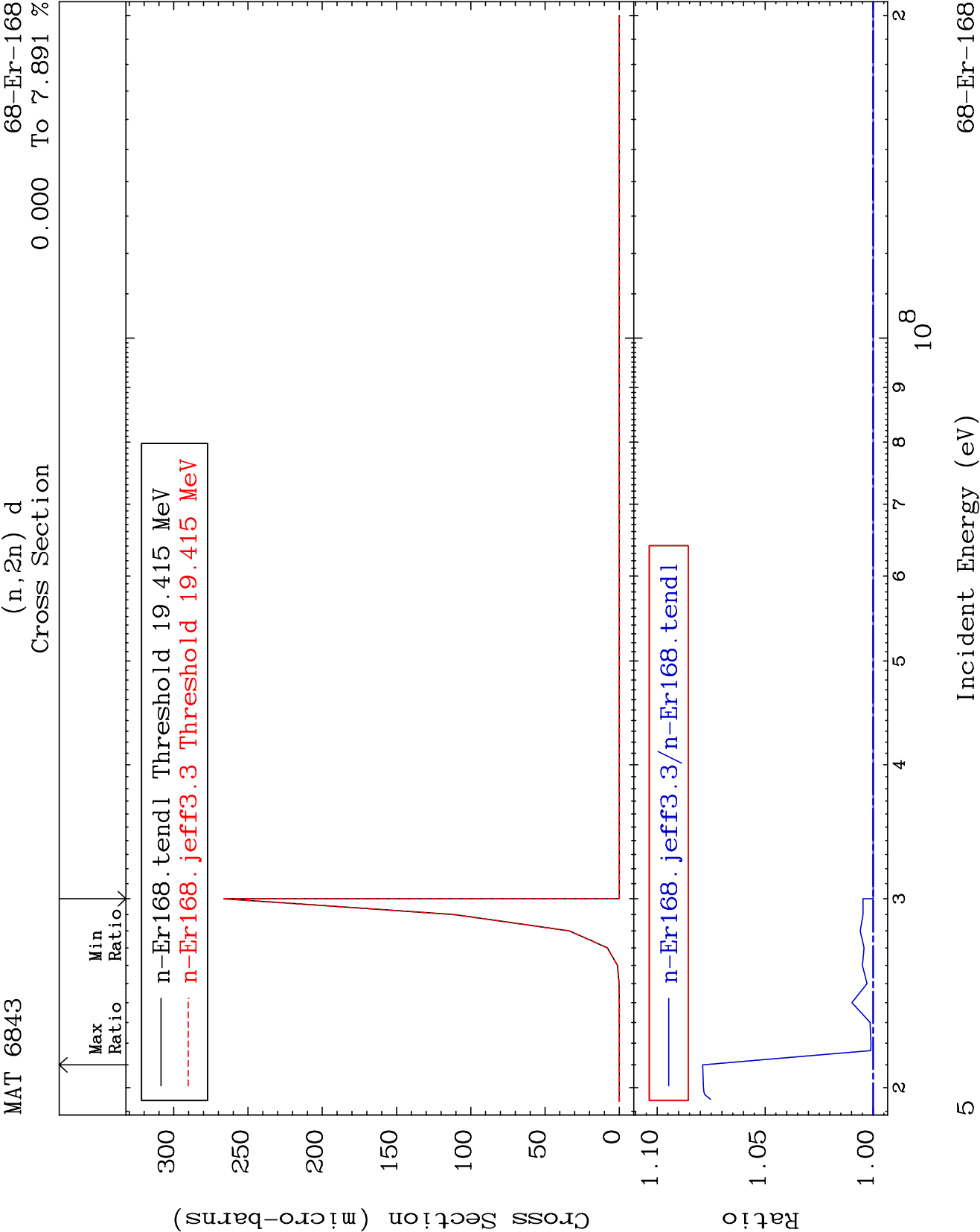
68-Er-168

MAT 6843

(n,remainder)
Cross Section

68-Er-168
0.073 To 0.174 %





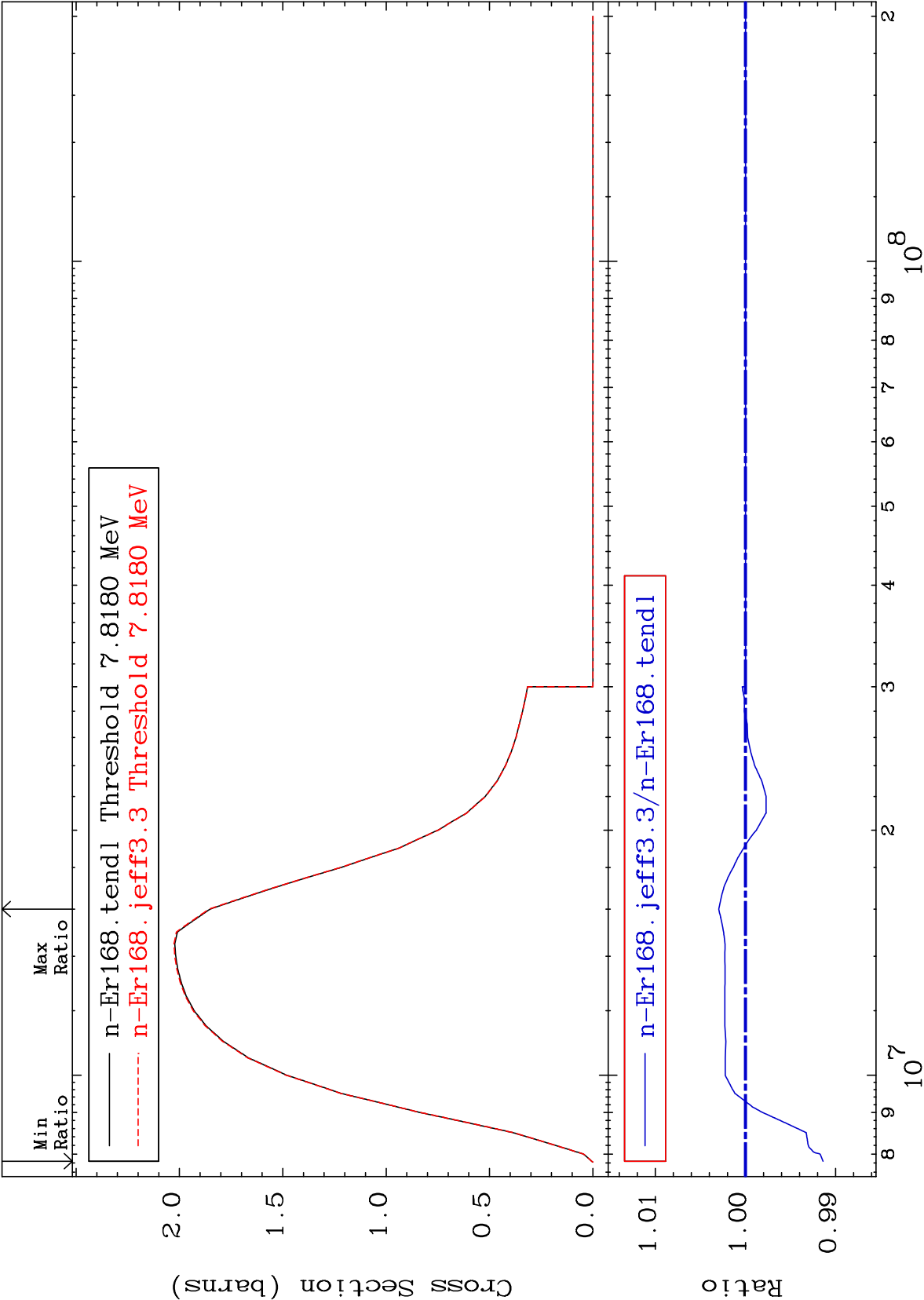
MAT 6843

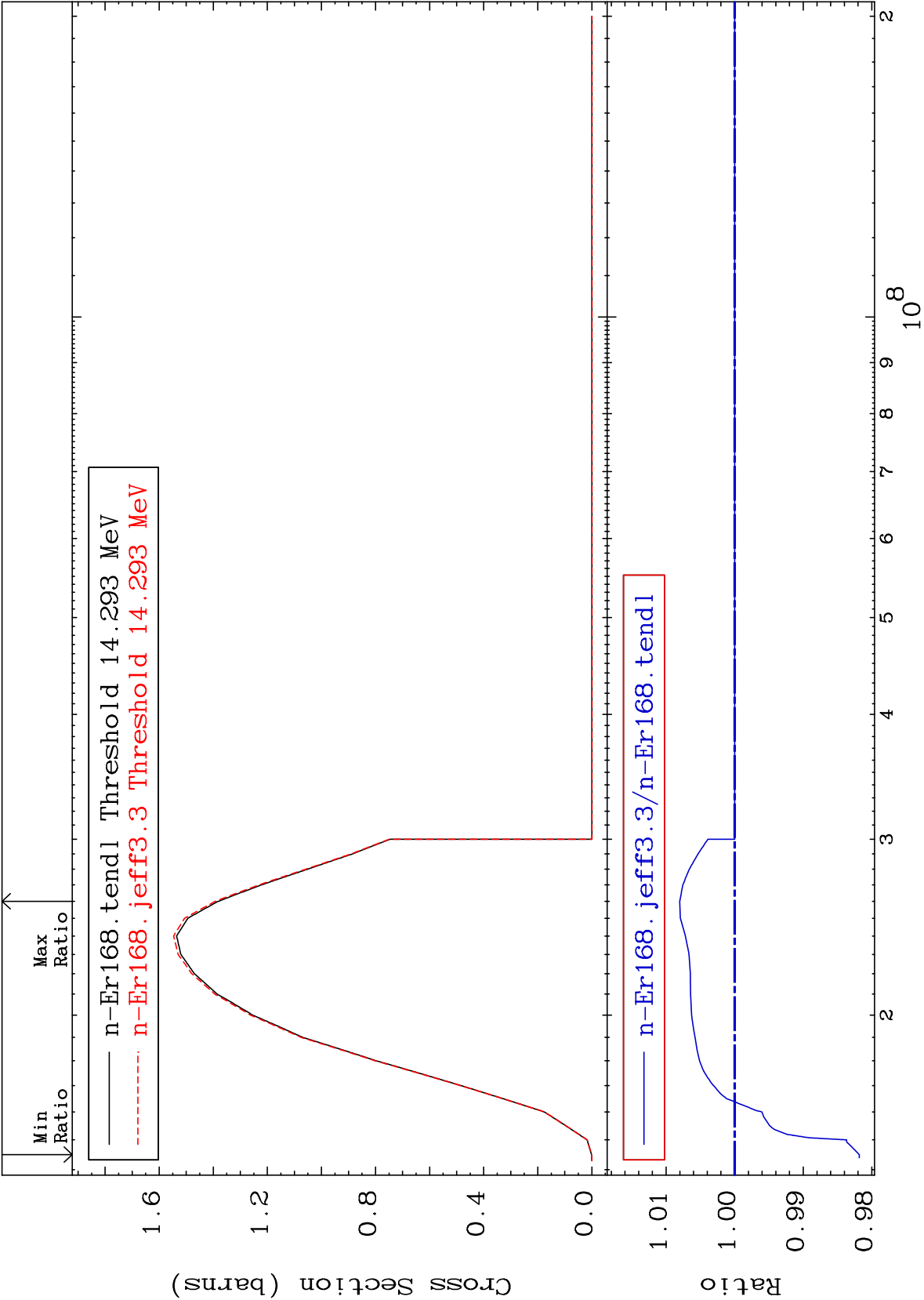
(n,2n)

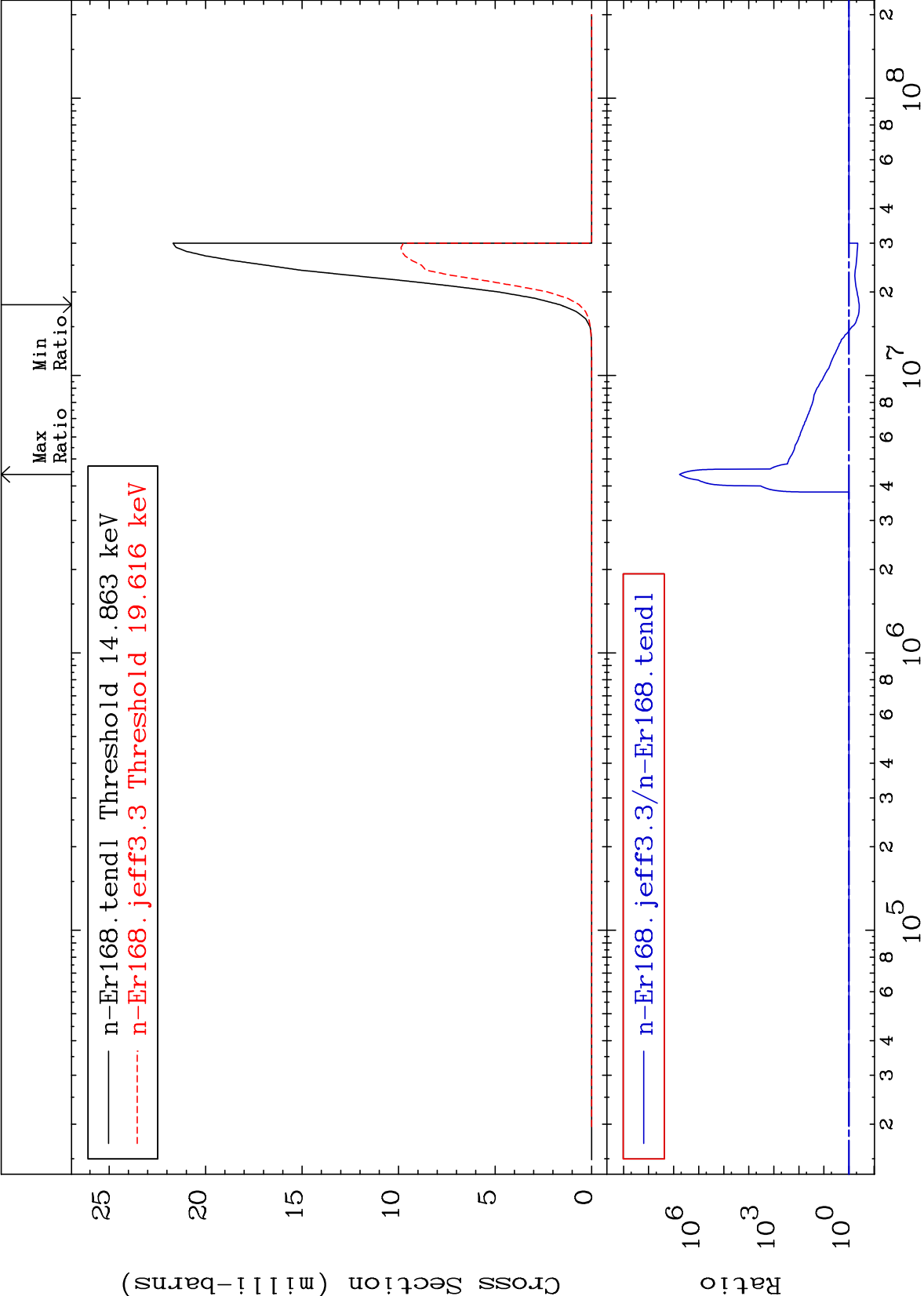
68-Er-168

Cross Section

-0.859 To 0.297 %



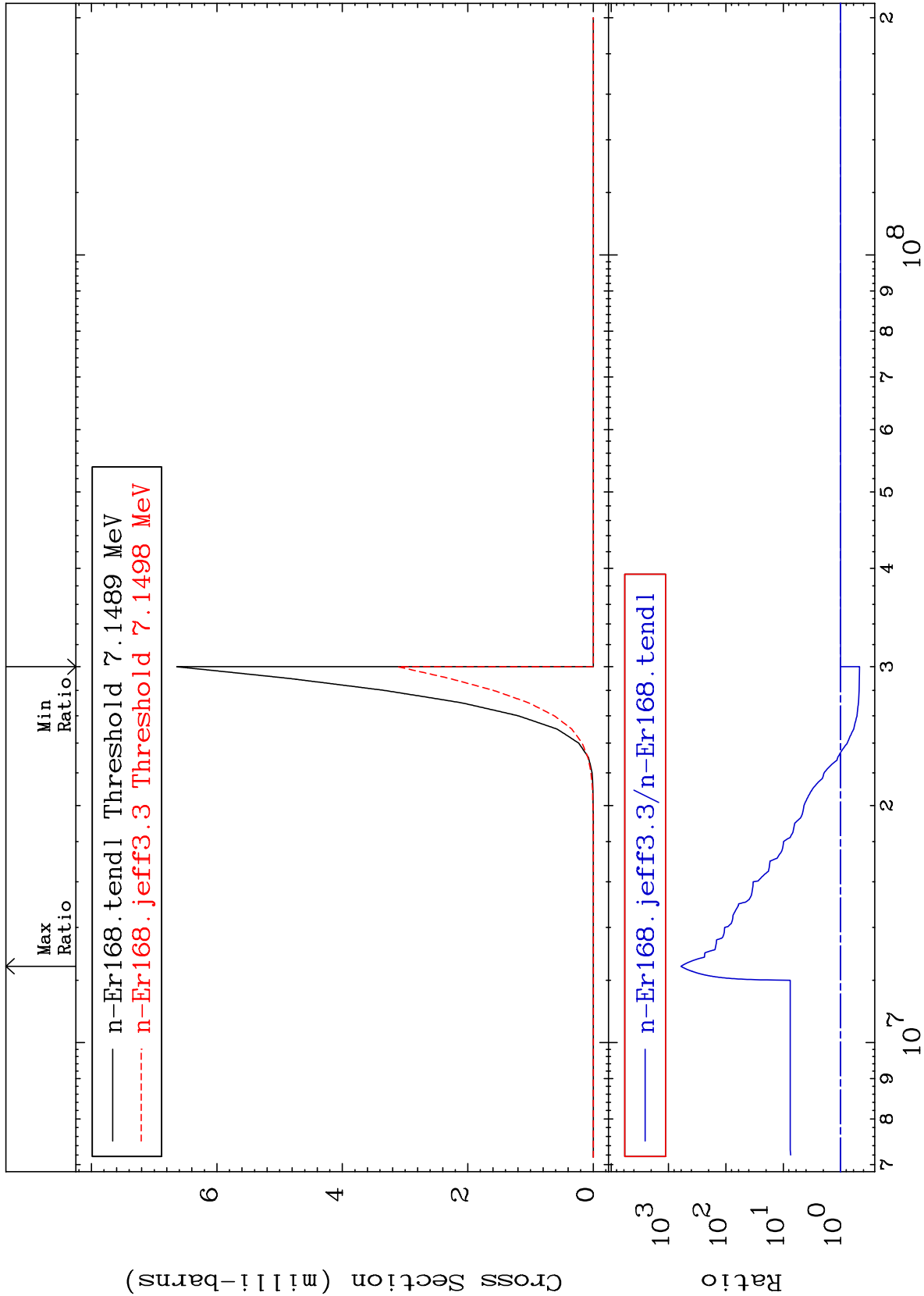




MAT 6843

(n,2n) α
Cross Section

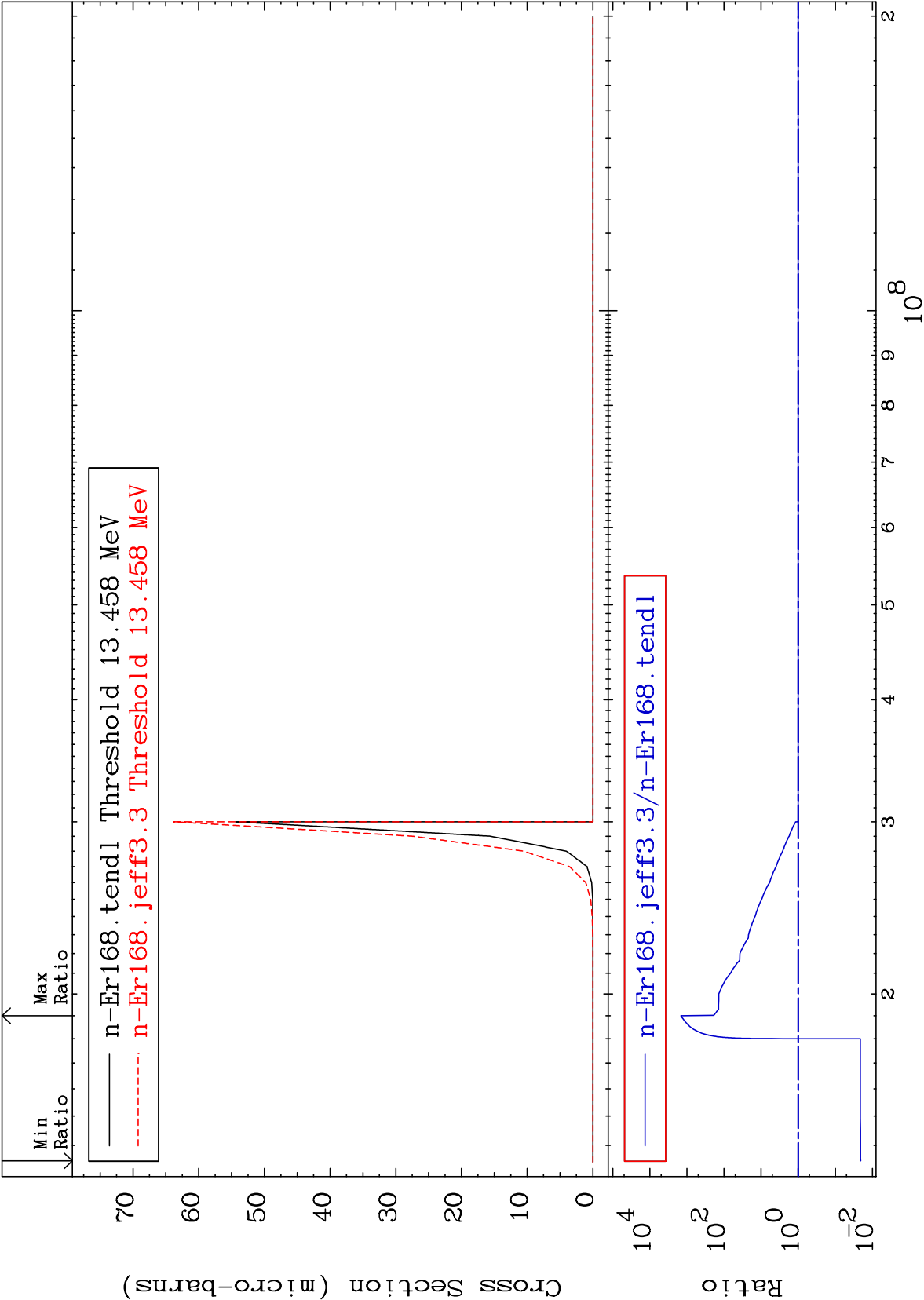
68-Er-168
-53.10 To 9999. %



MAT 6843

(n,3n) α
Cross Section

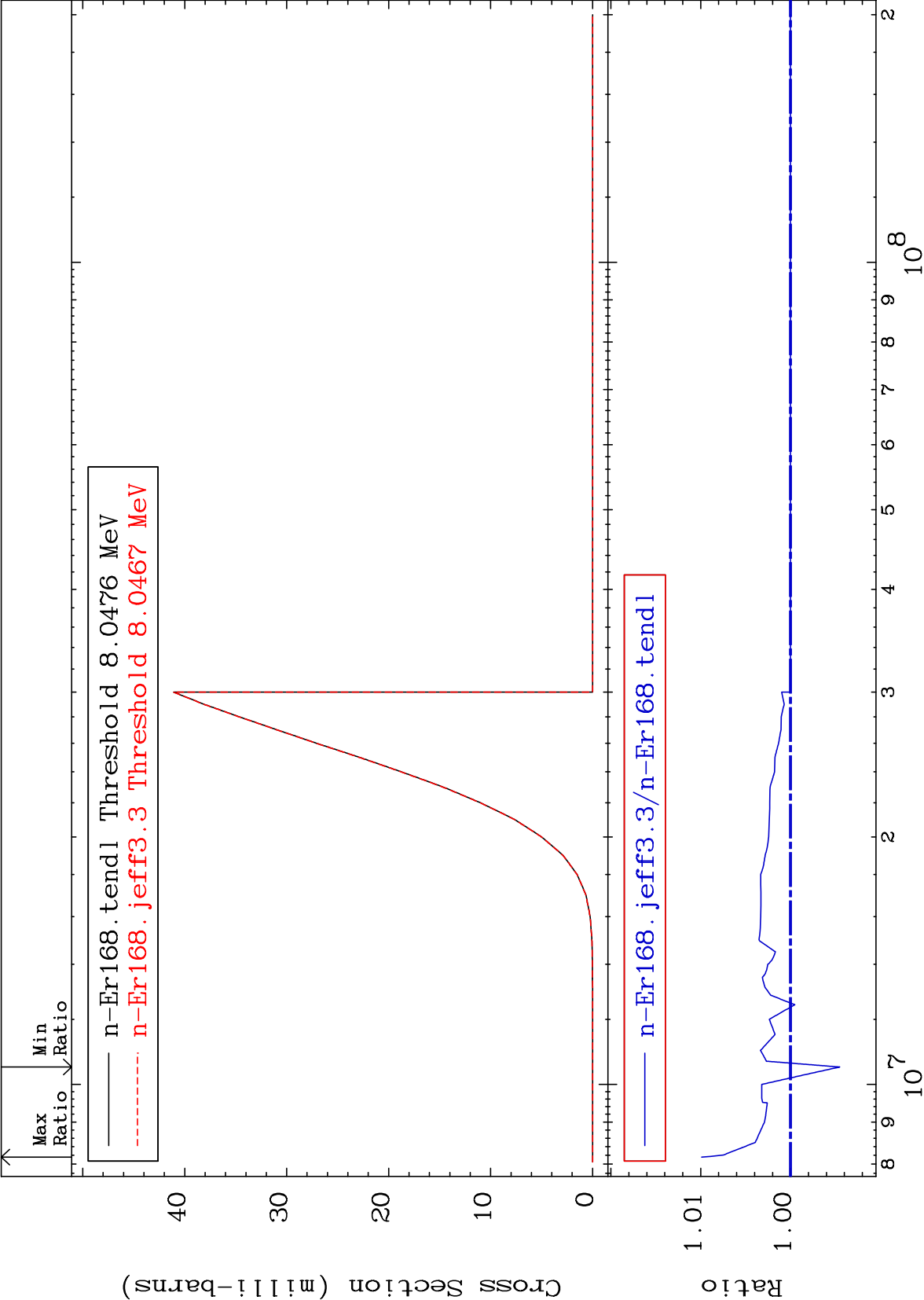
68-Er-168
-97.94 To 9999. %

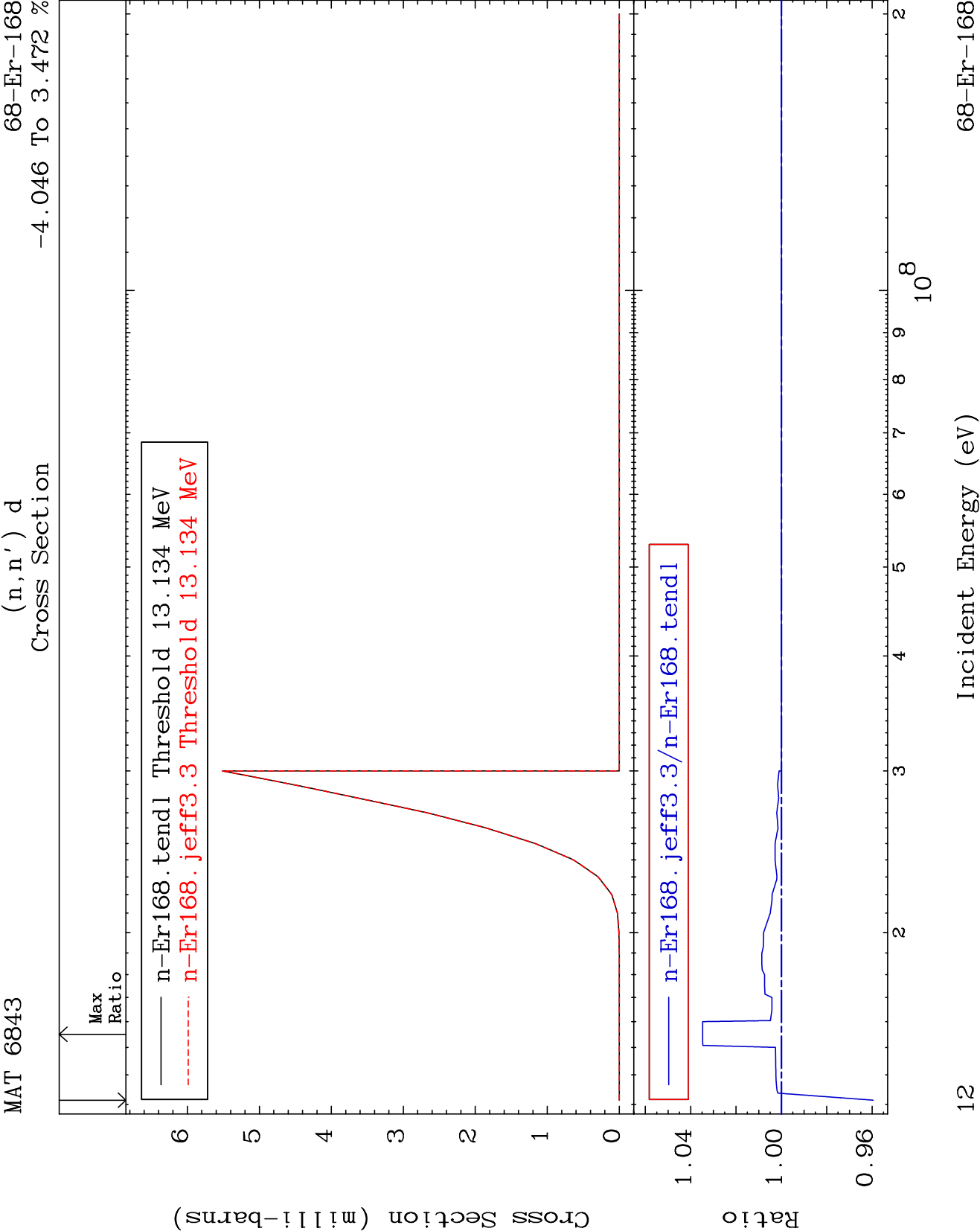


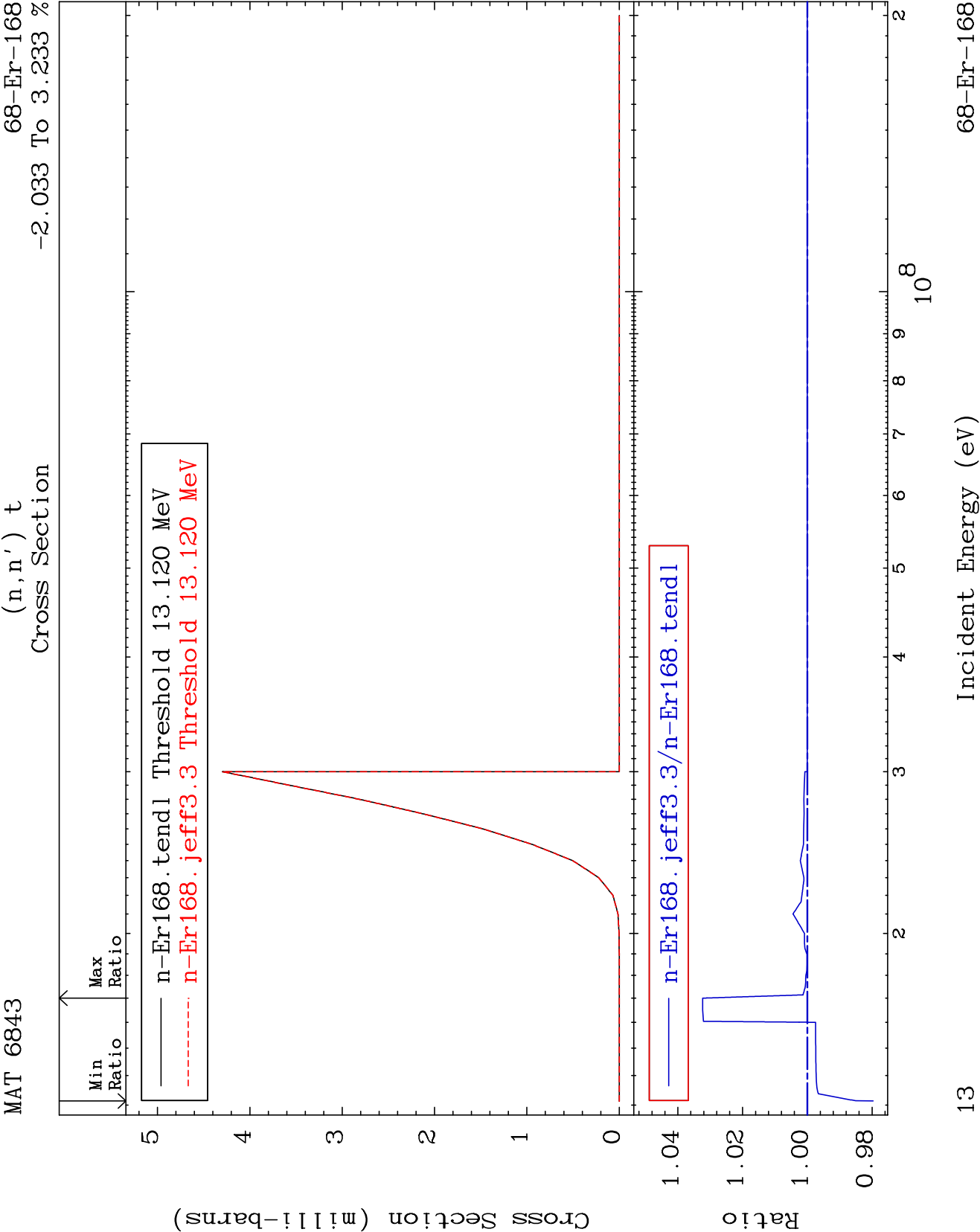
10

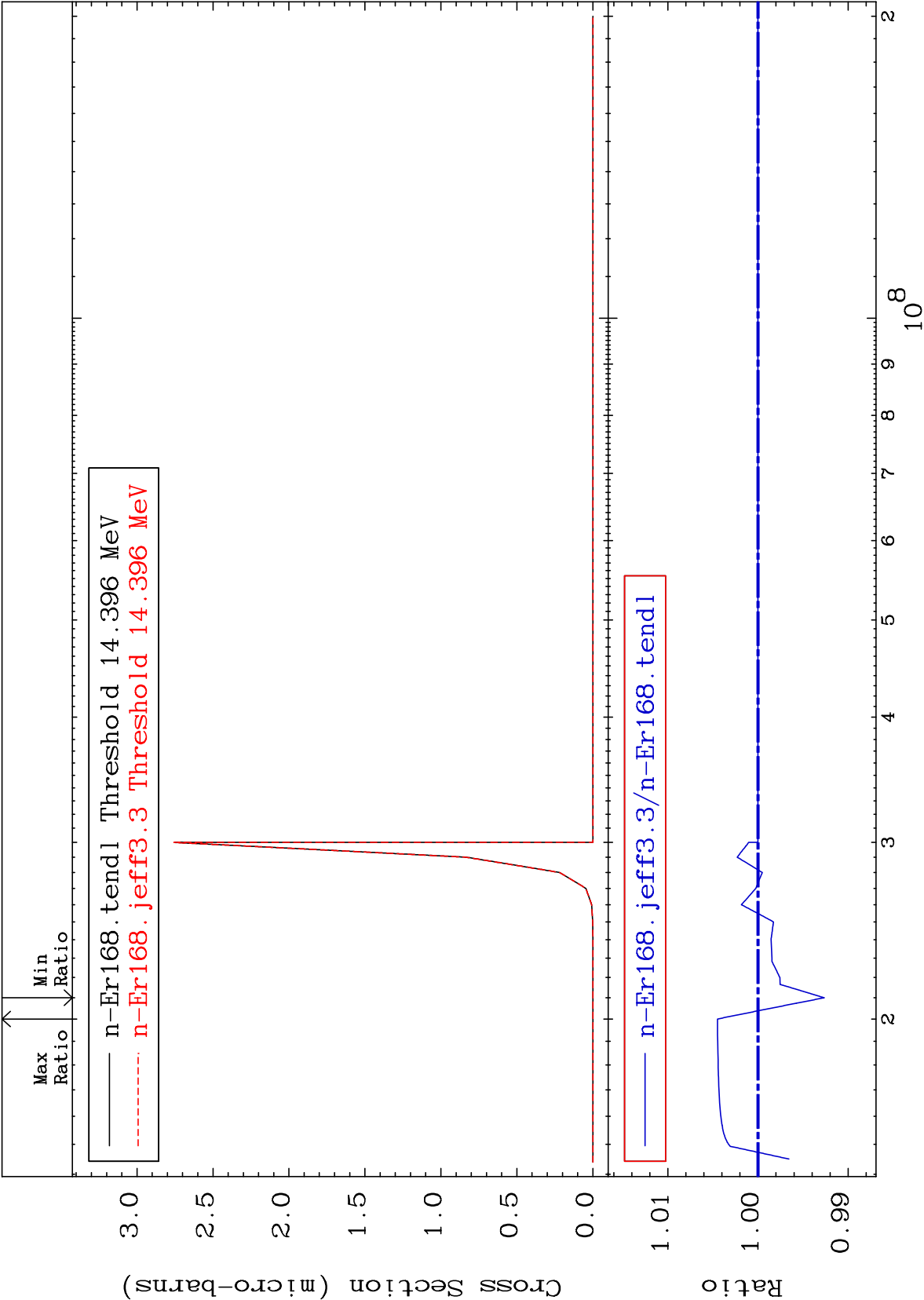
Incident Energy (eV)

68-Er-168









MAT 6843

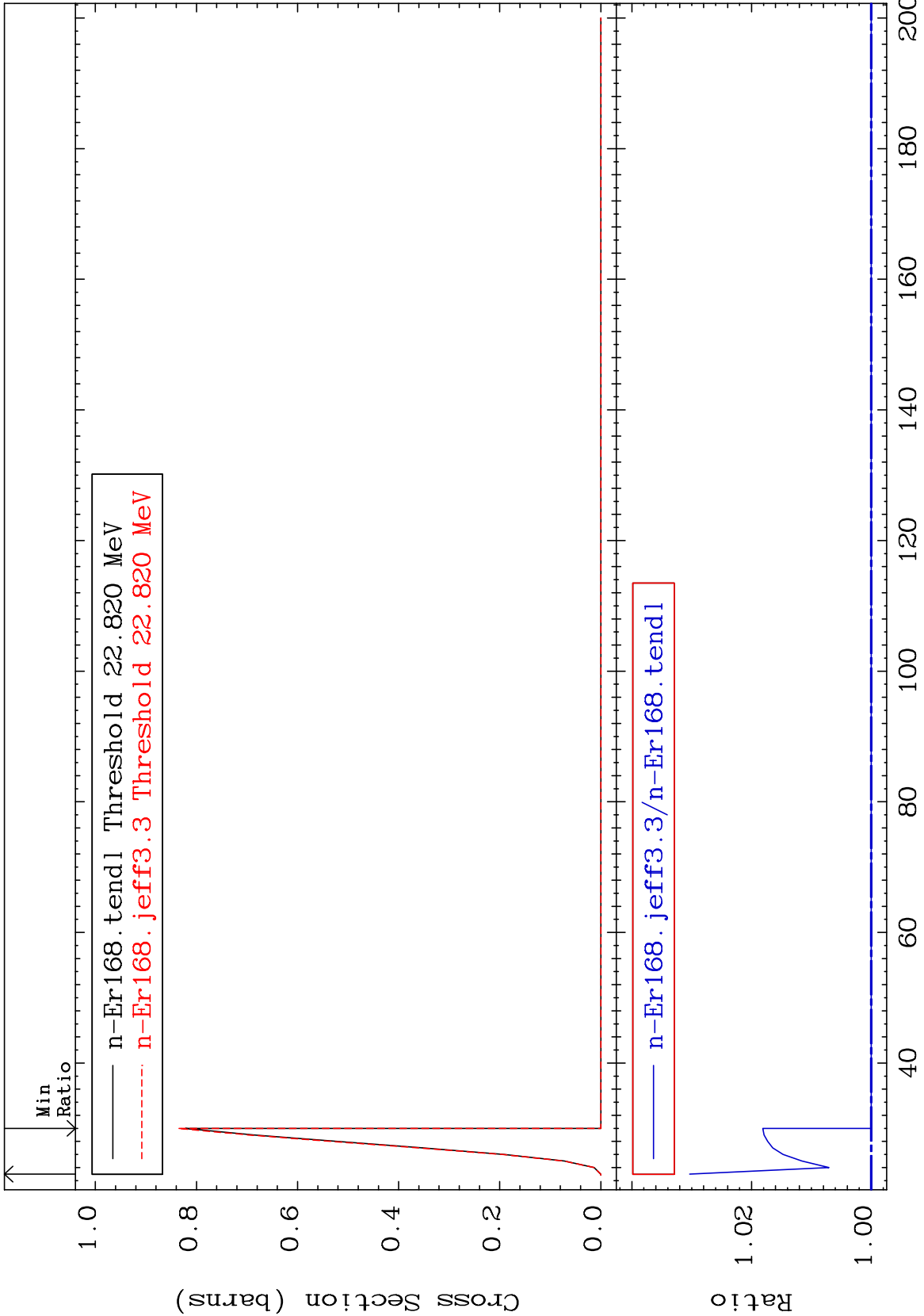
(n,4n)

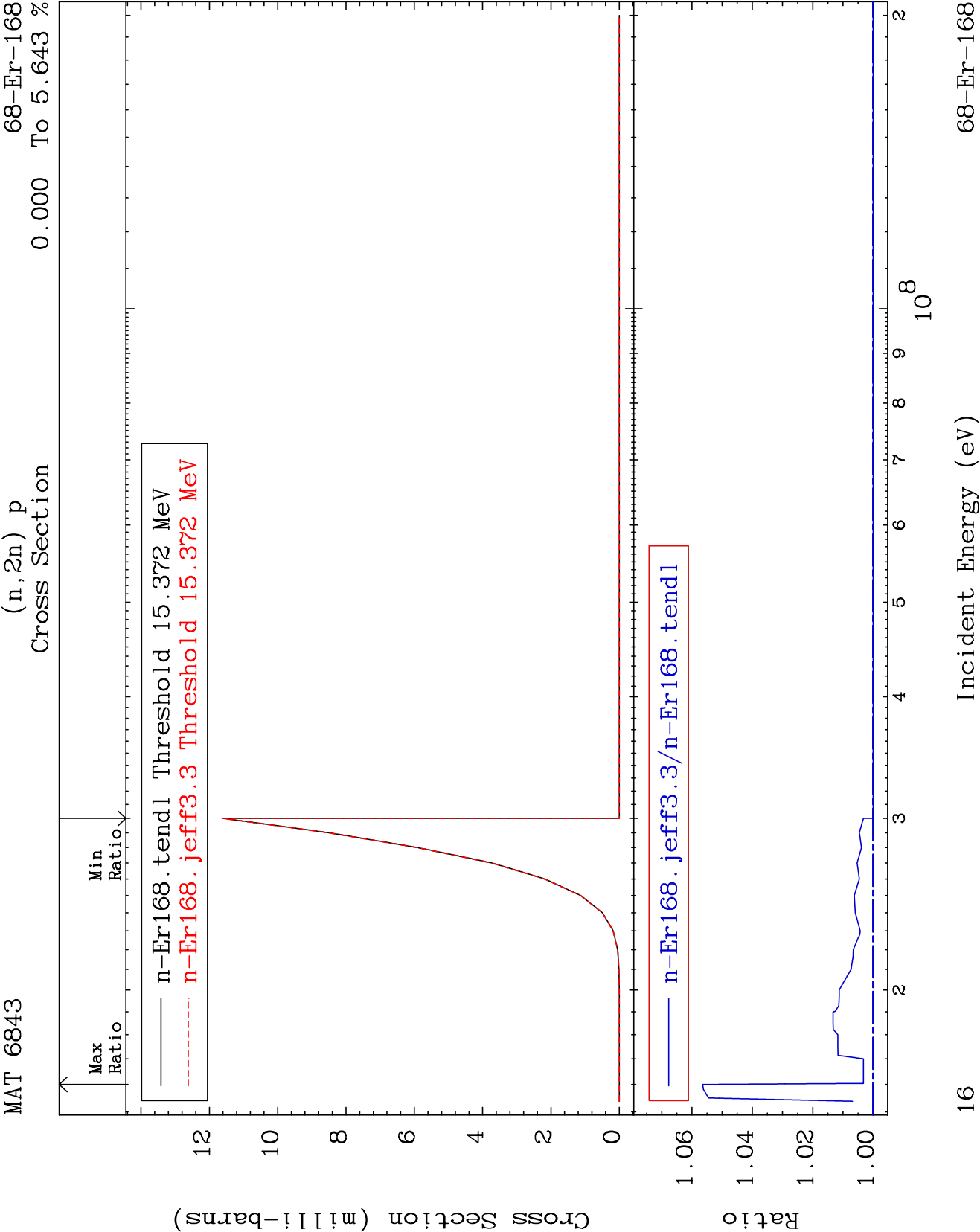
68-Er-168

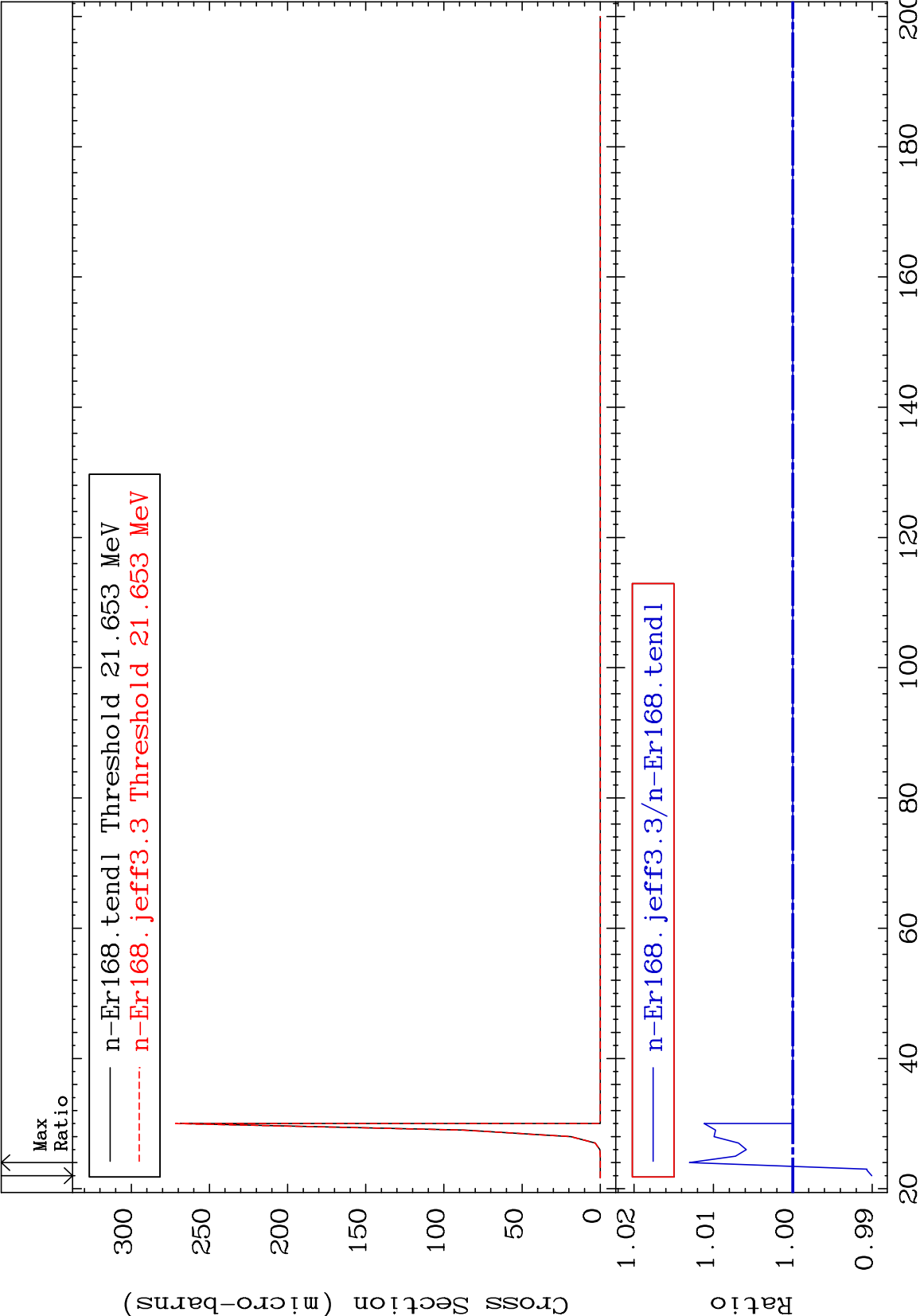
Cross Section

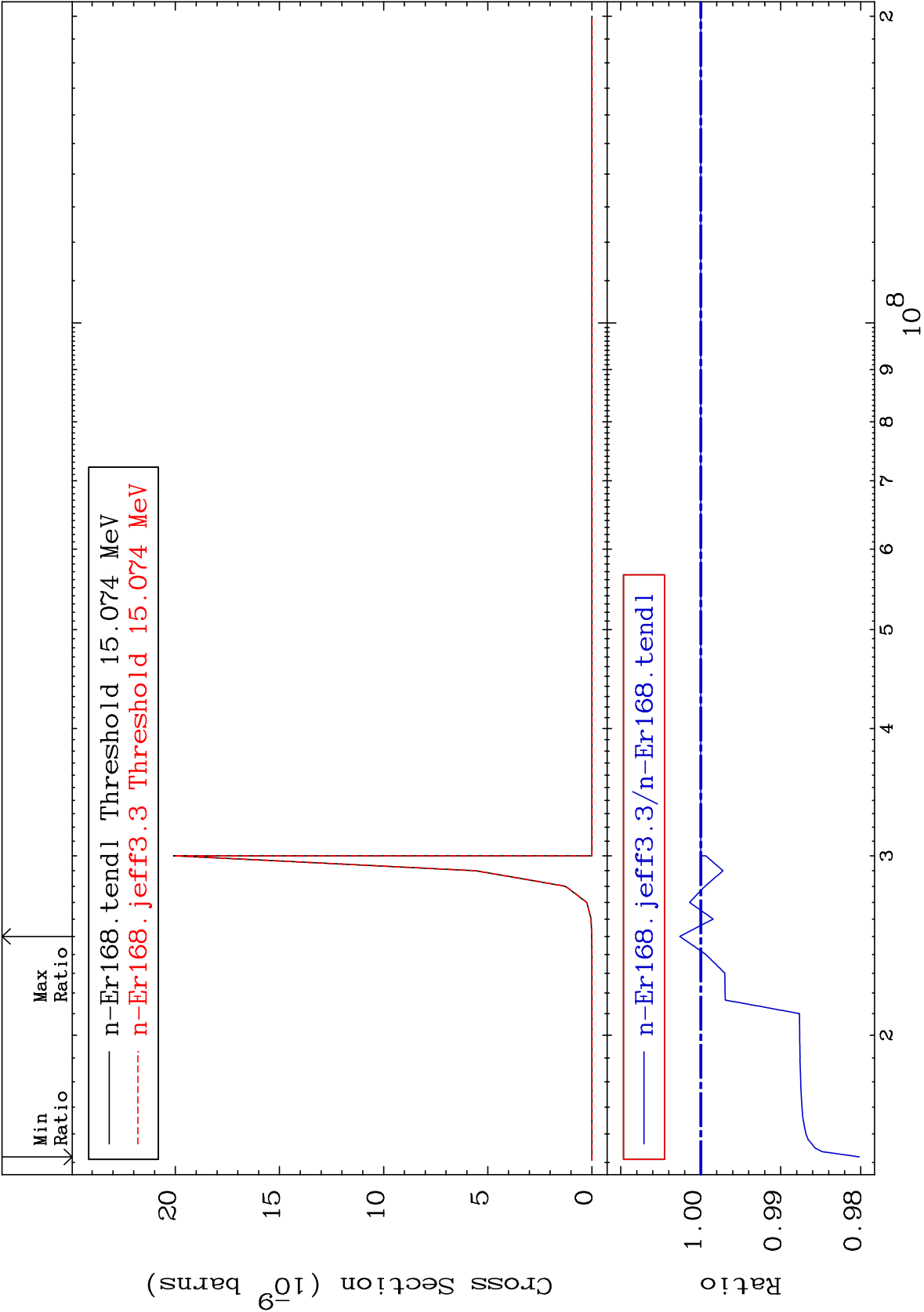
0.000

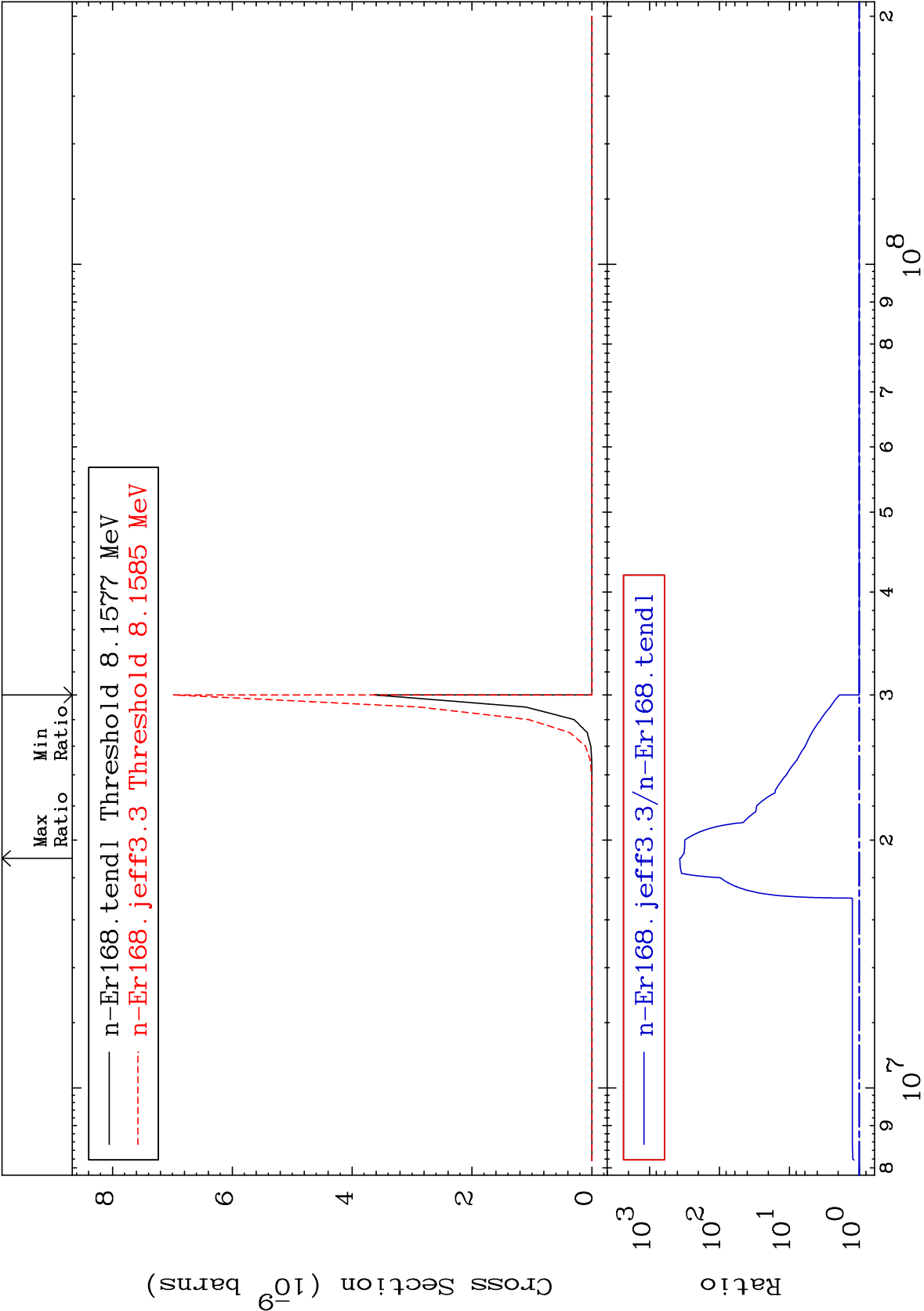
To 3.034 %











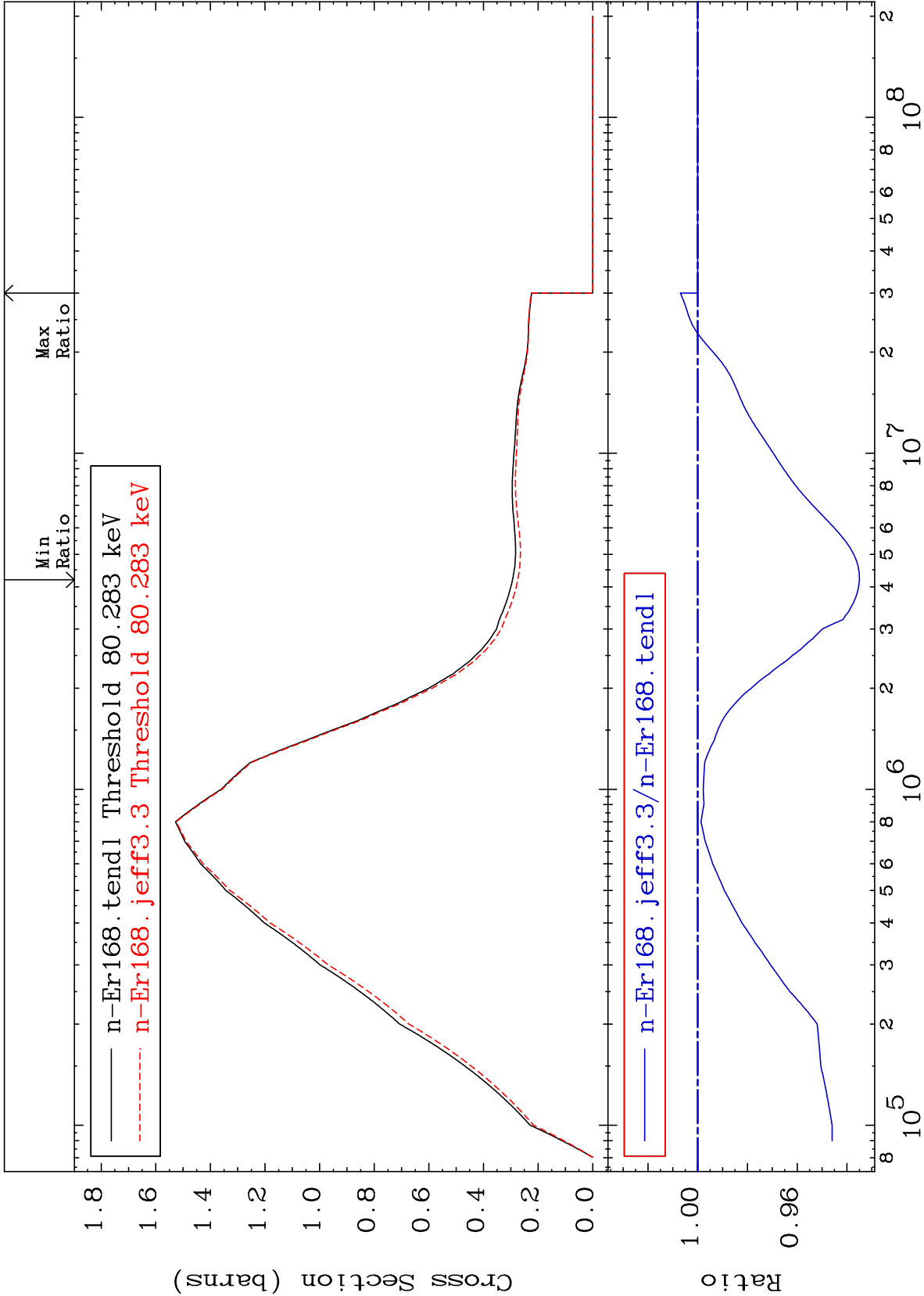
MAT 6843

MT= 51 (n,n') Level

68-Er-168

Cross Section

-6.503 To 0.698 %



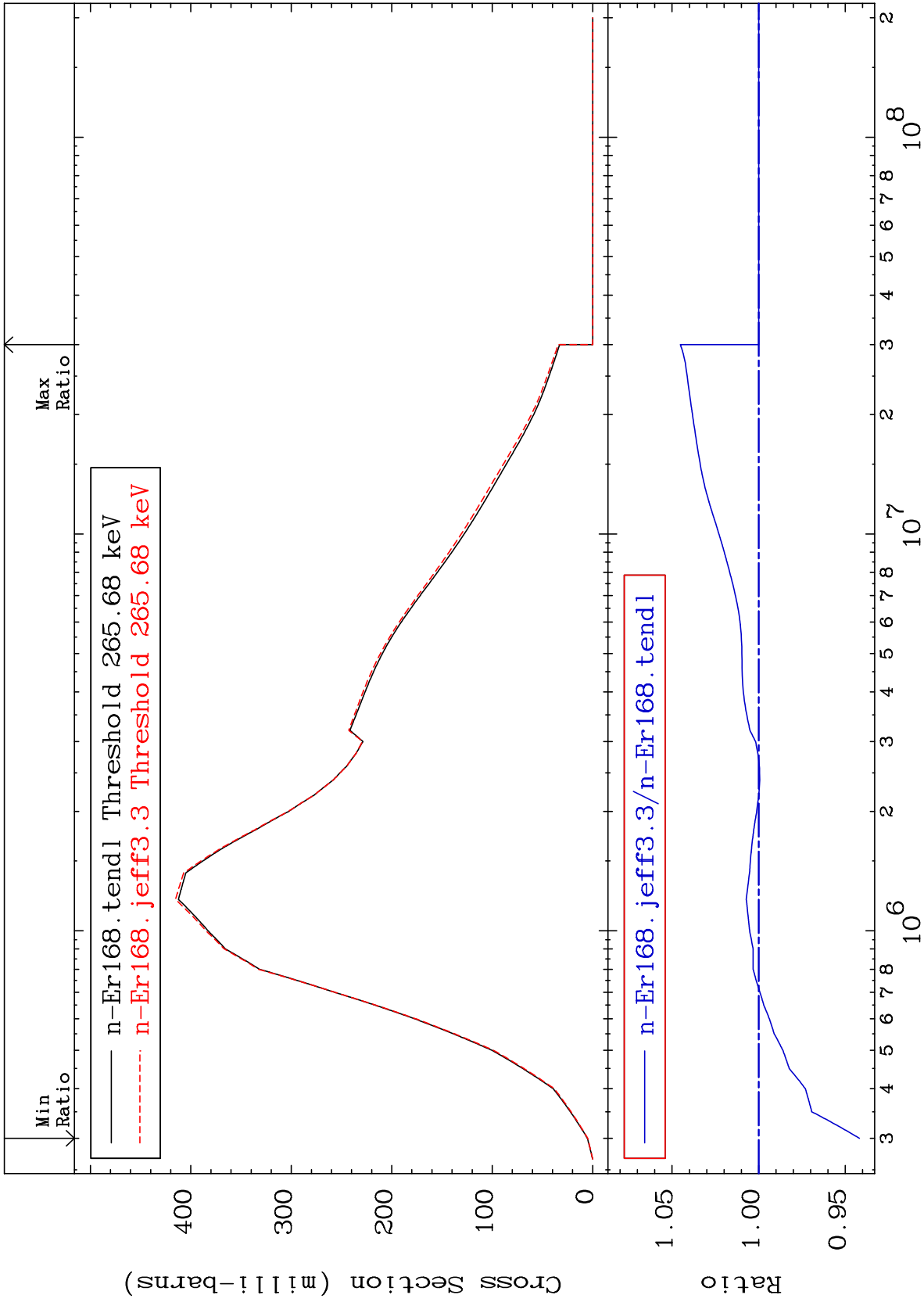
MAT 6843

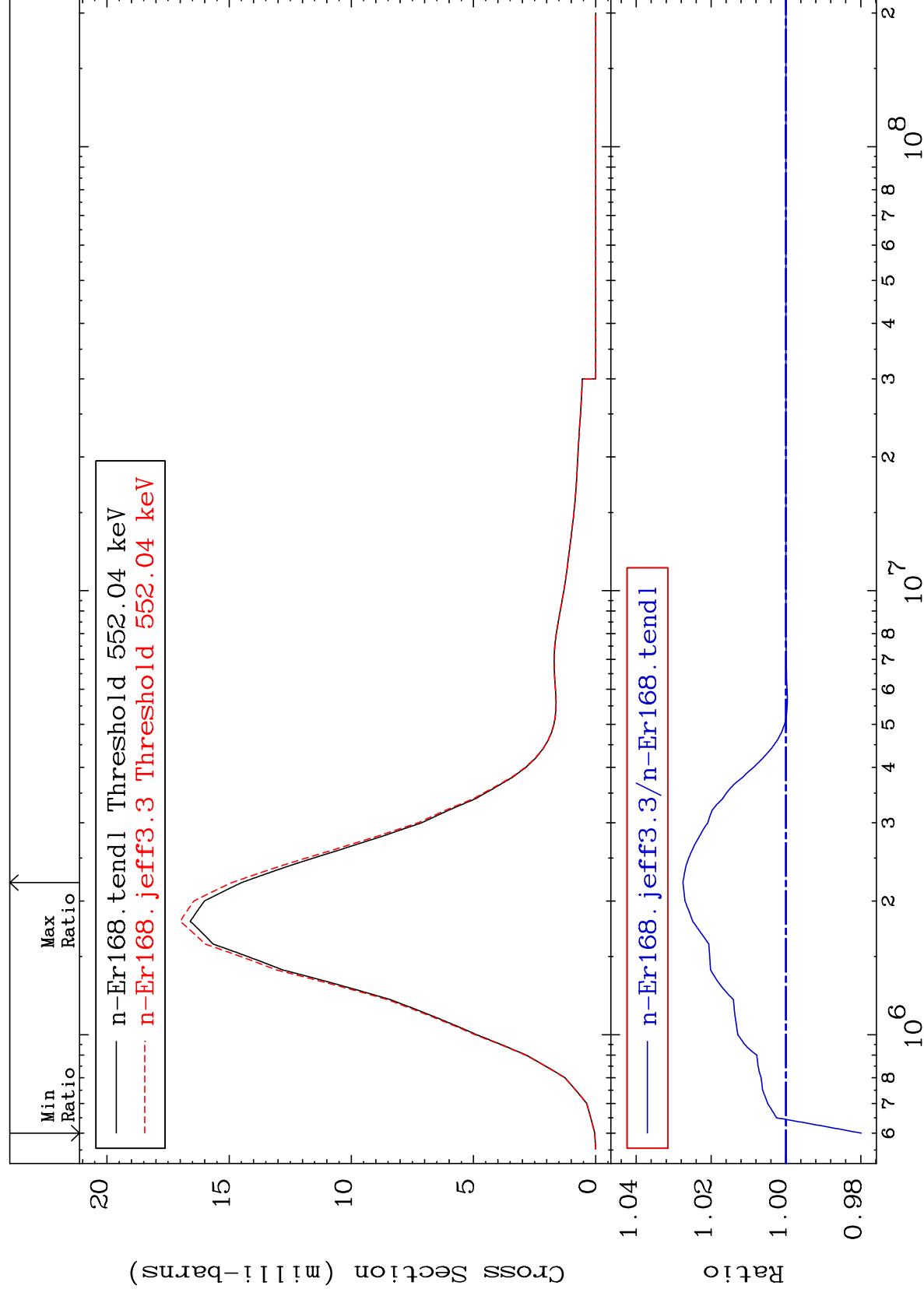
MT= 52 (n,n') Level

68-Er-168

Cross Section

-5.817 To 4.522 %





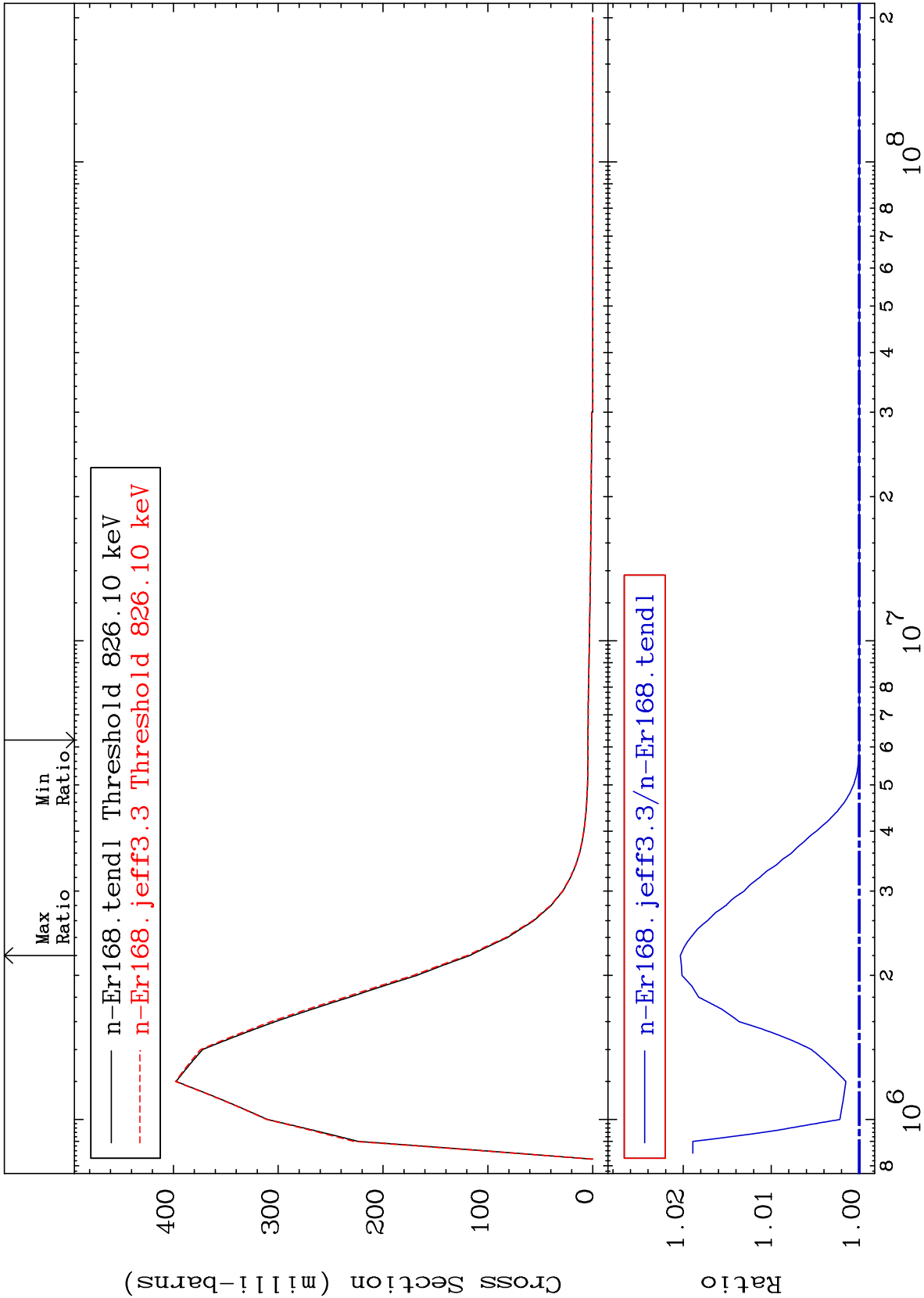
MAT 6843

MT= 54 (n,n') Level

68-Er-168

-0.003 To 2.033 %

Cross Section



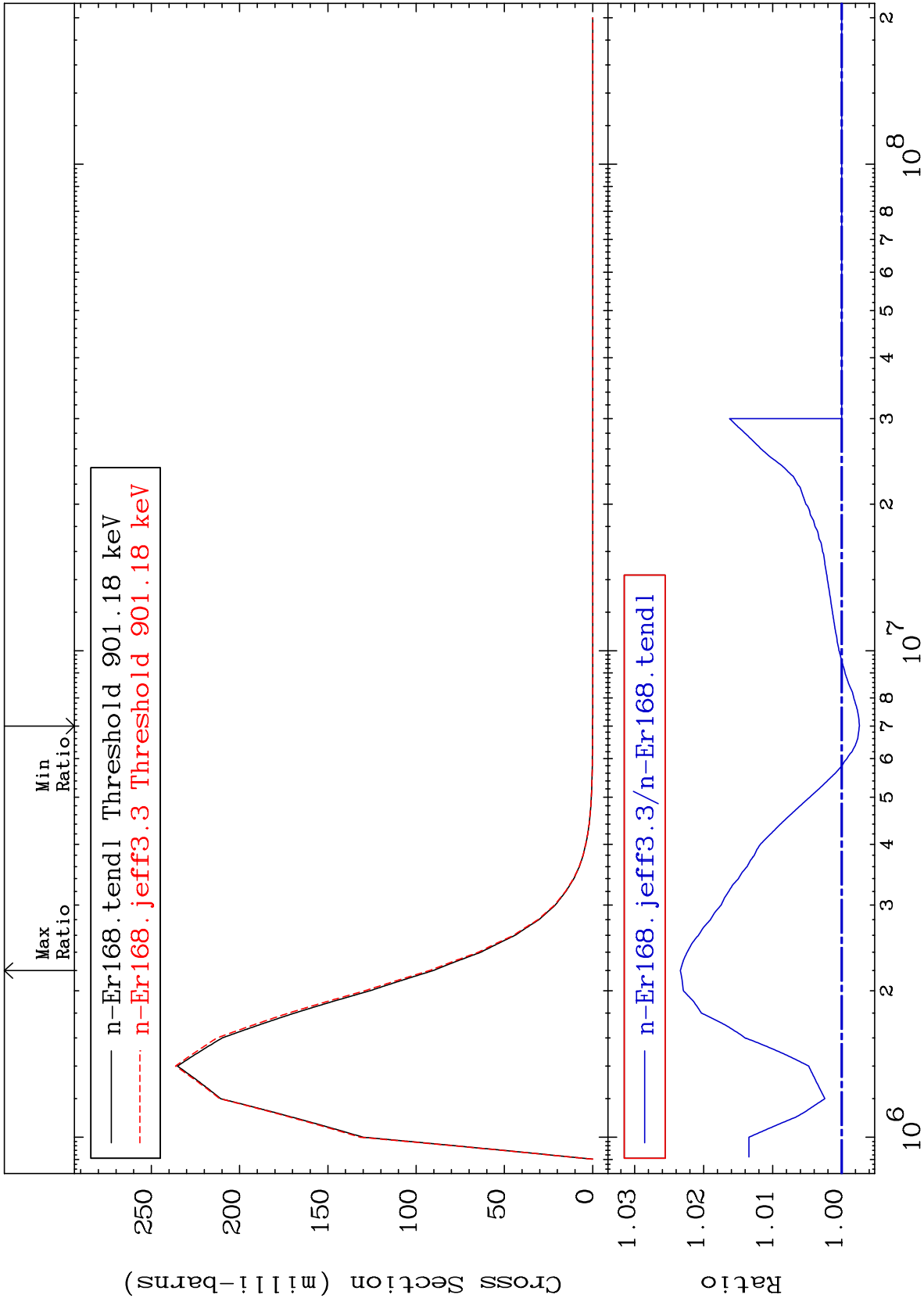
MAT 6843

MT= 55 (n,n') Level

68-Er-168

-0.257 To 2.338 %

Cross Section



Incident Energy (eV)

68-Er-168

24

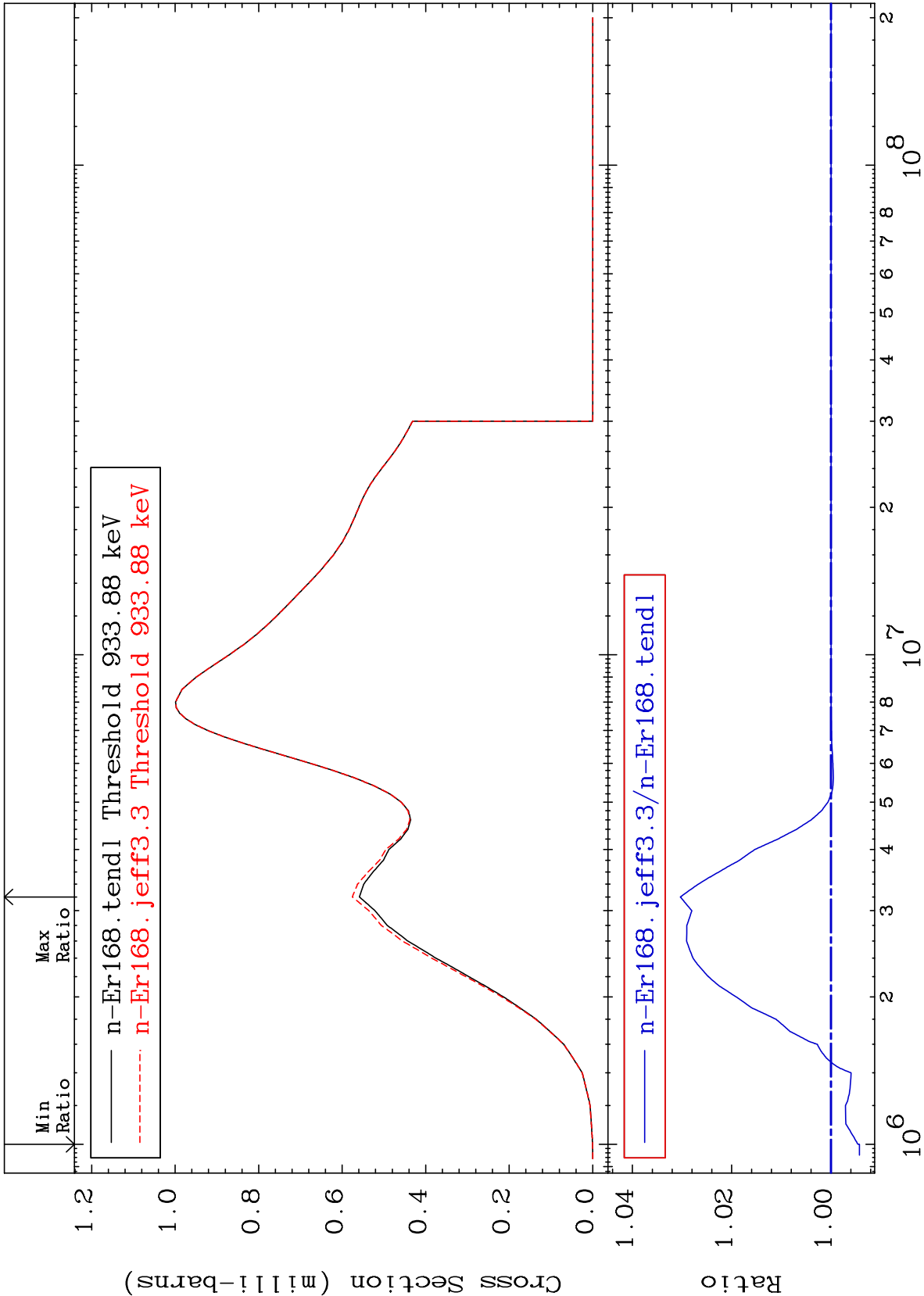
MAT 6843

MT= 56 (n,n') Level

68-Er-168

-0.573 To 3.034 %

Cross Section



— n-Er168.tendl Threshold 933.88 keV

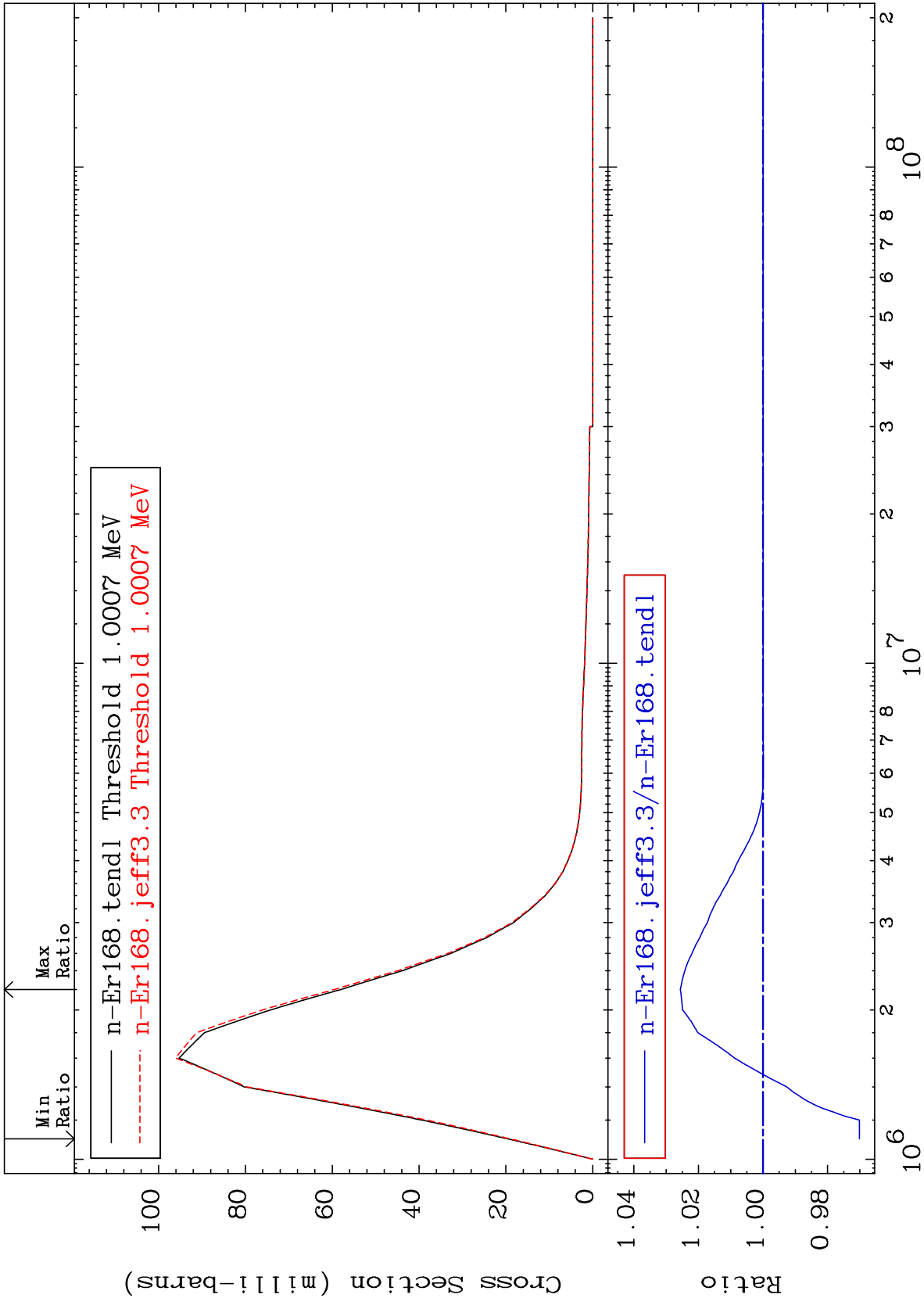
- - - n-Er168.jeff3.3 Threshold 933.88 keV

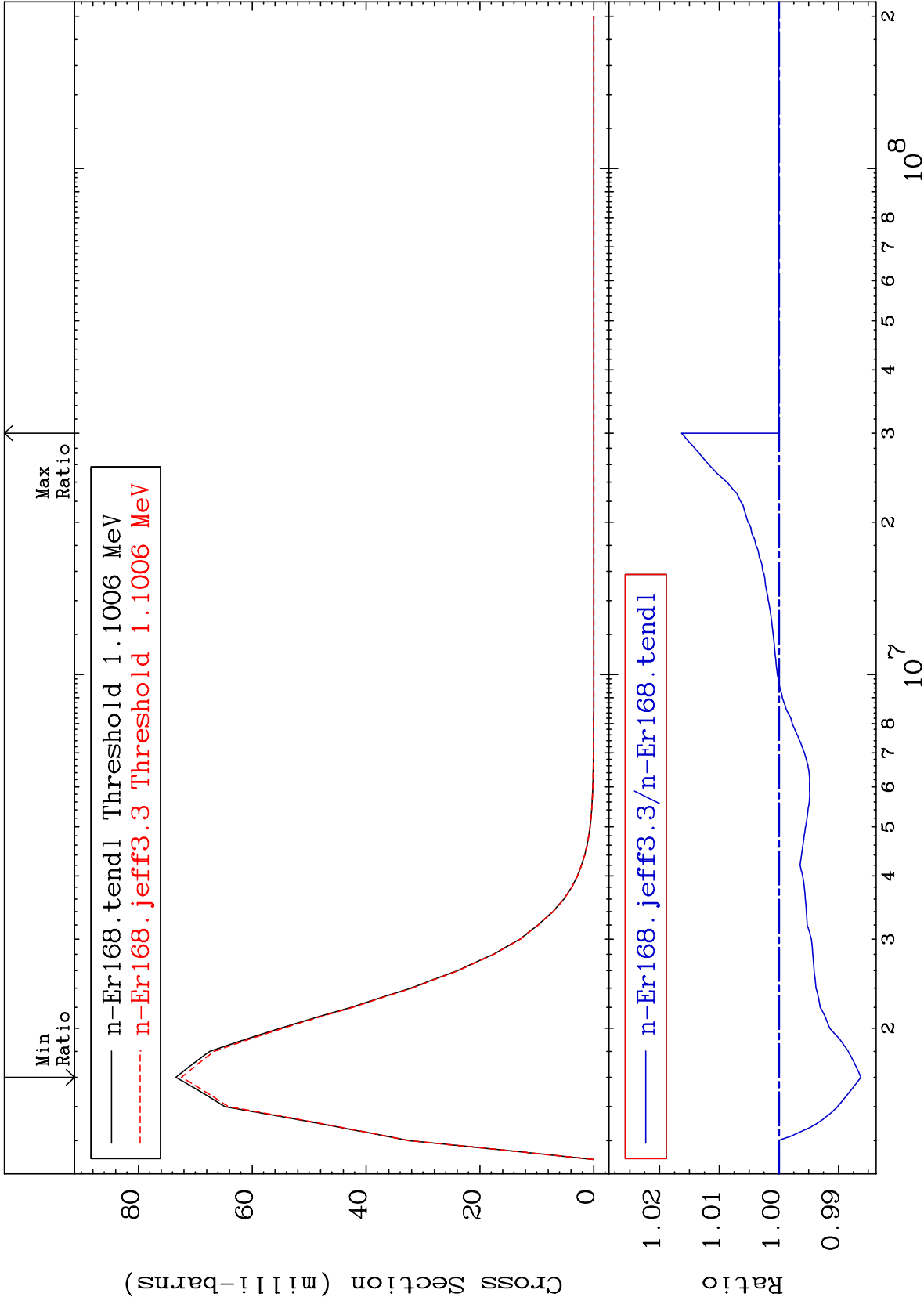
— n-Er168.jeff3.3/n-Er168.tendl

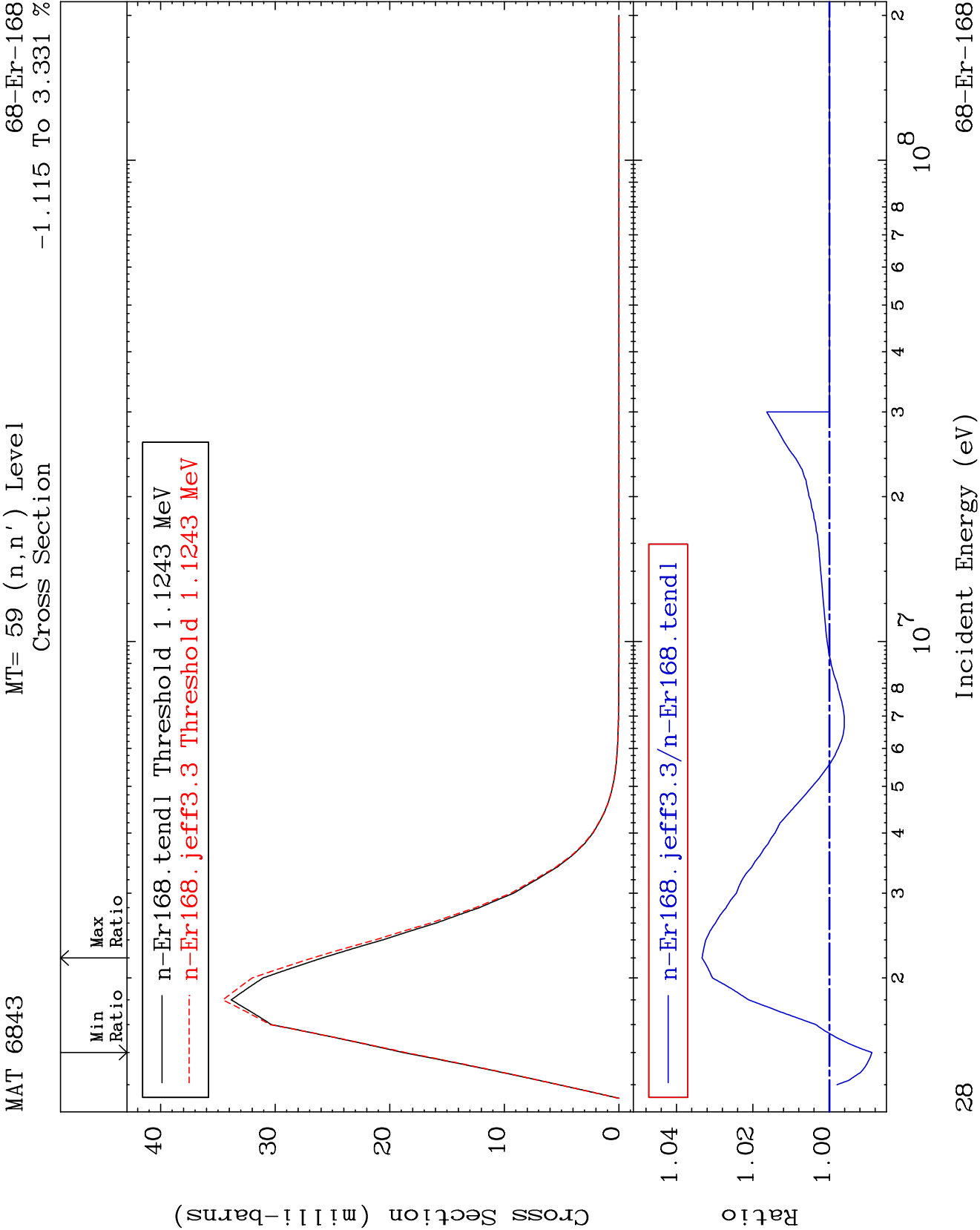
MAT 6843

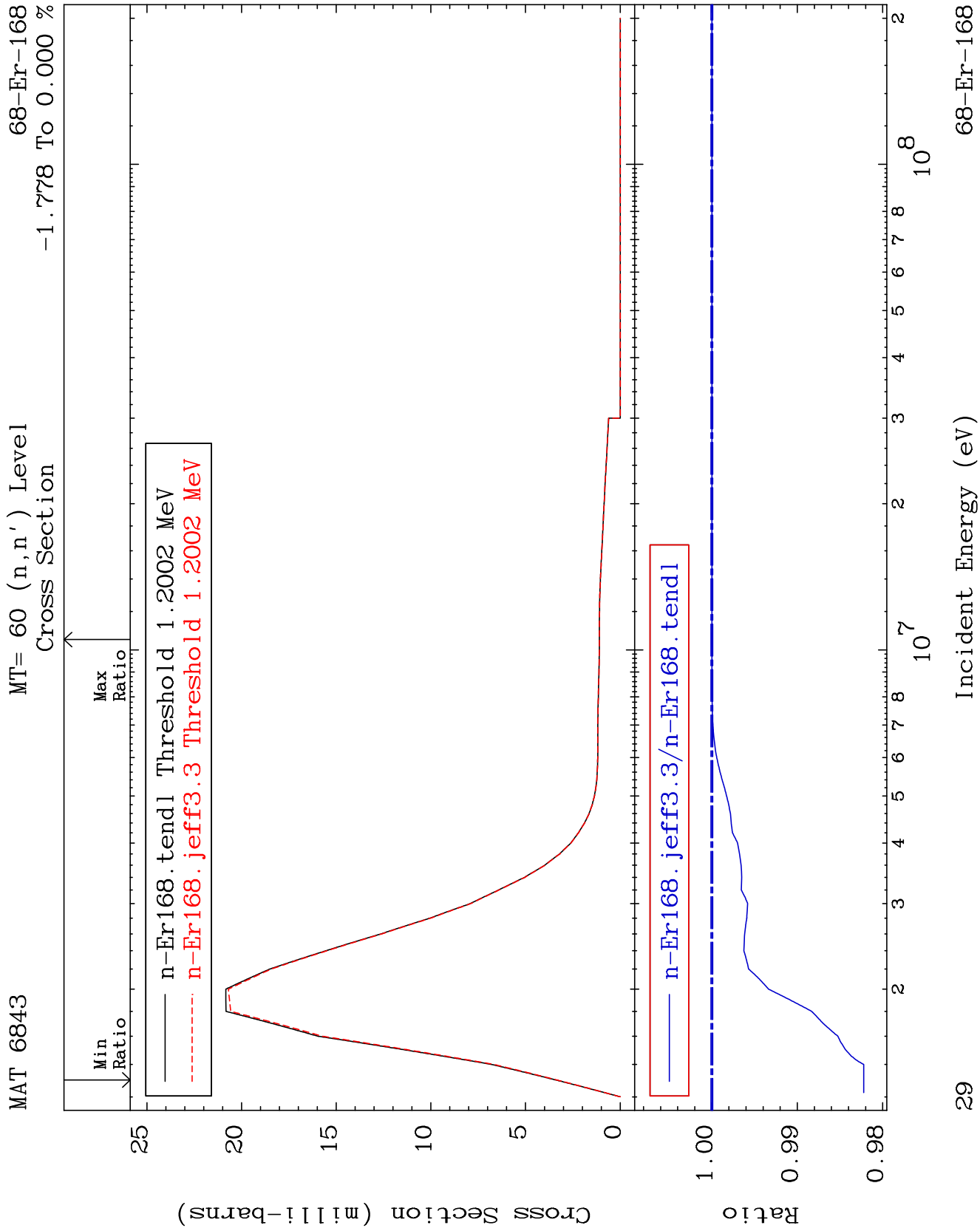
MT= 57 (n,n') Level
Cross Section

68-Er-168
-2.986 To 2.560 %





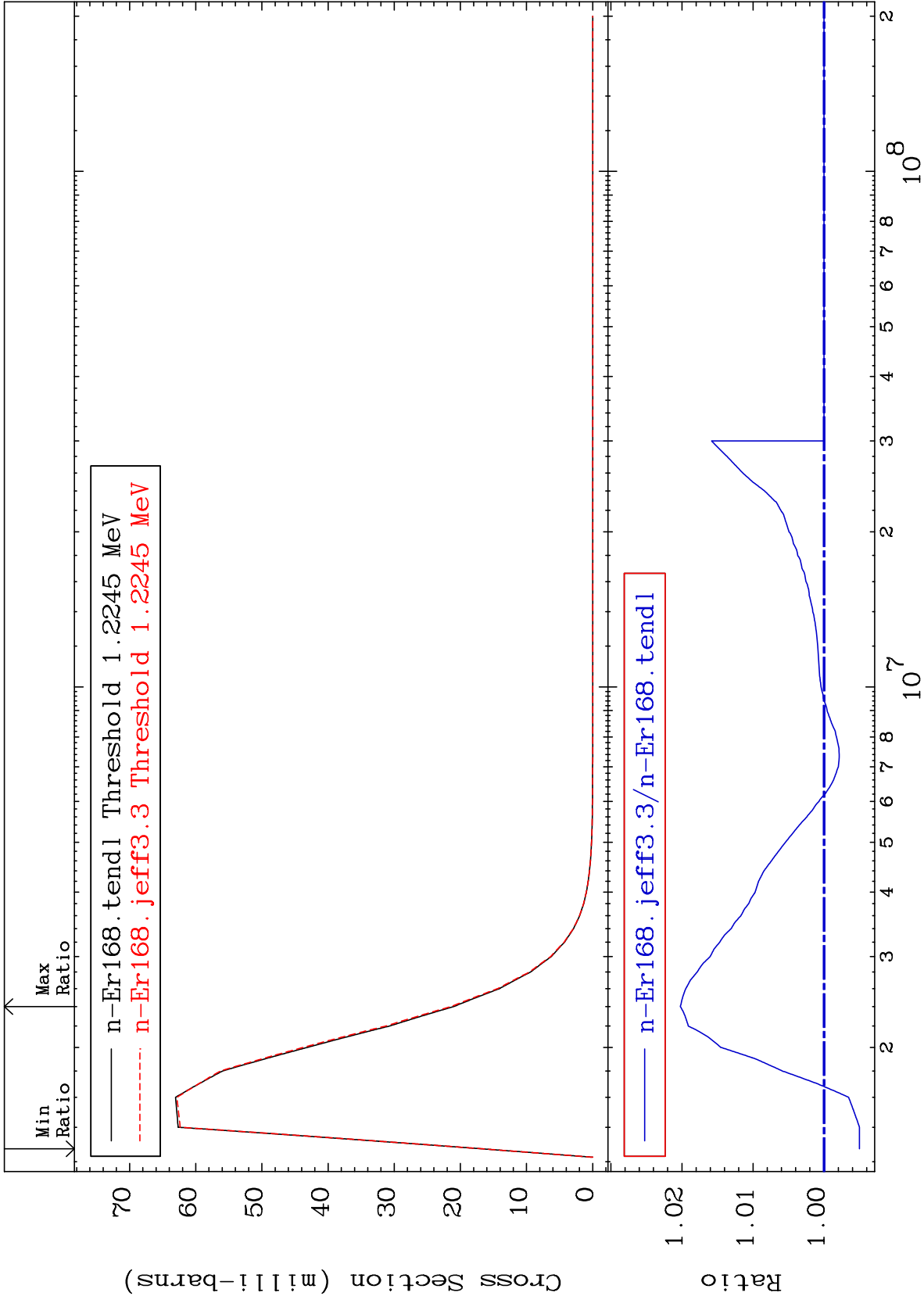


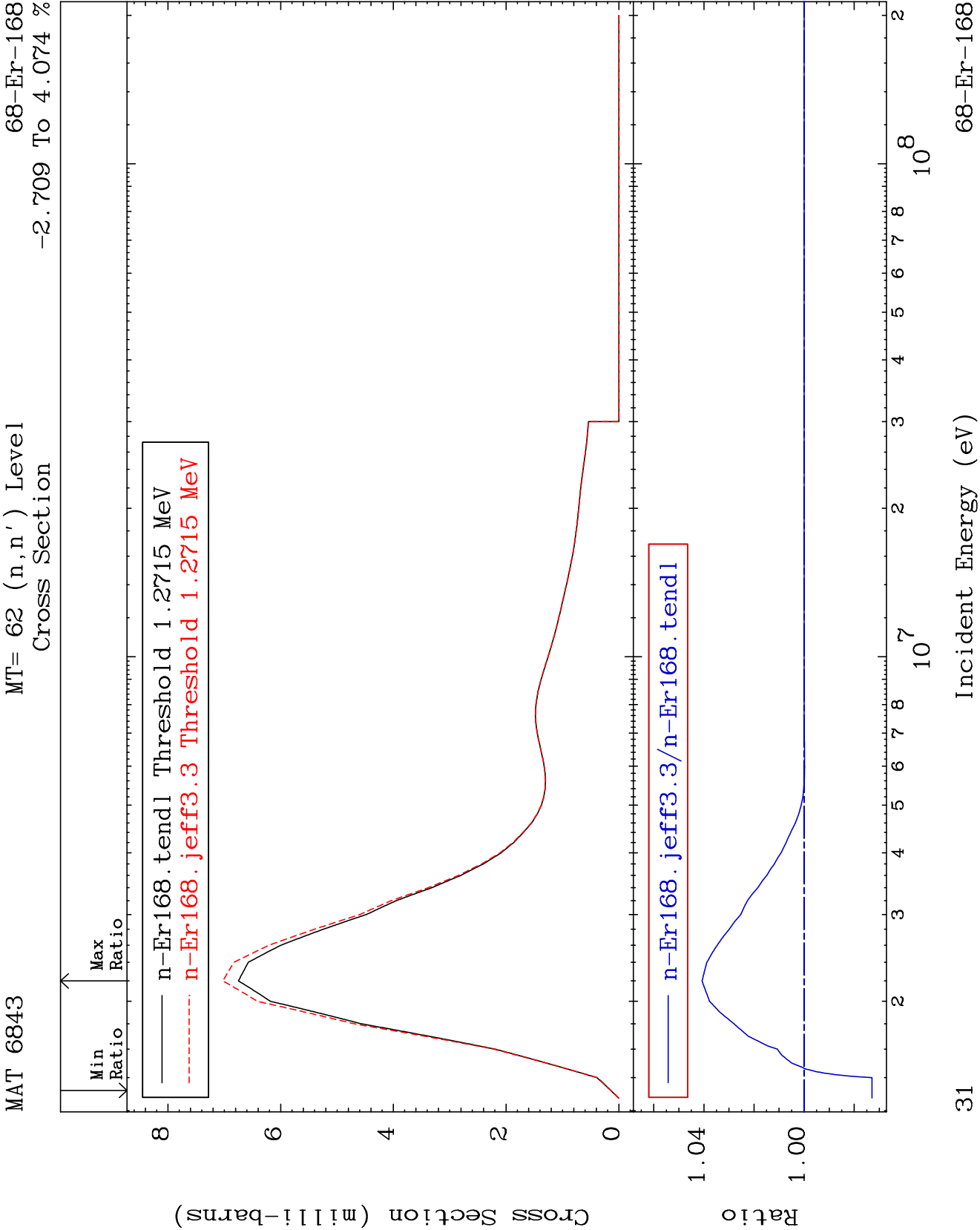


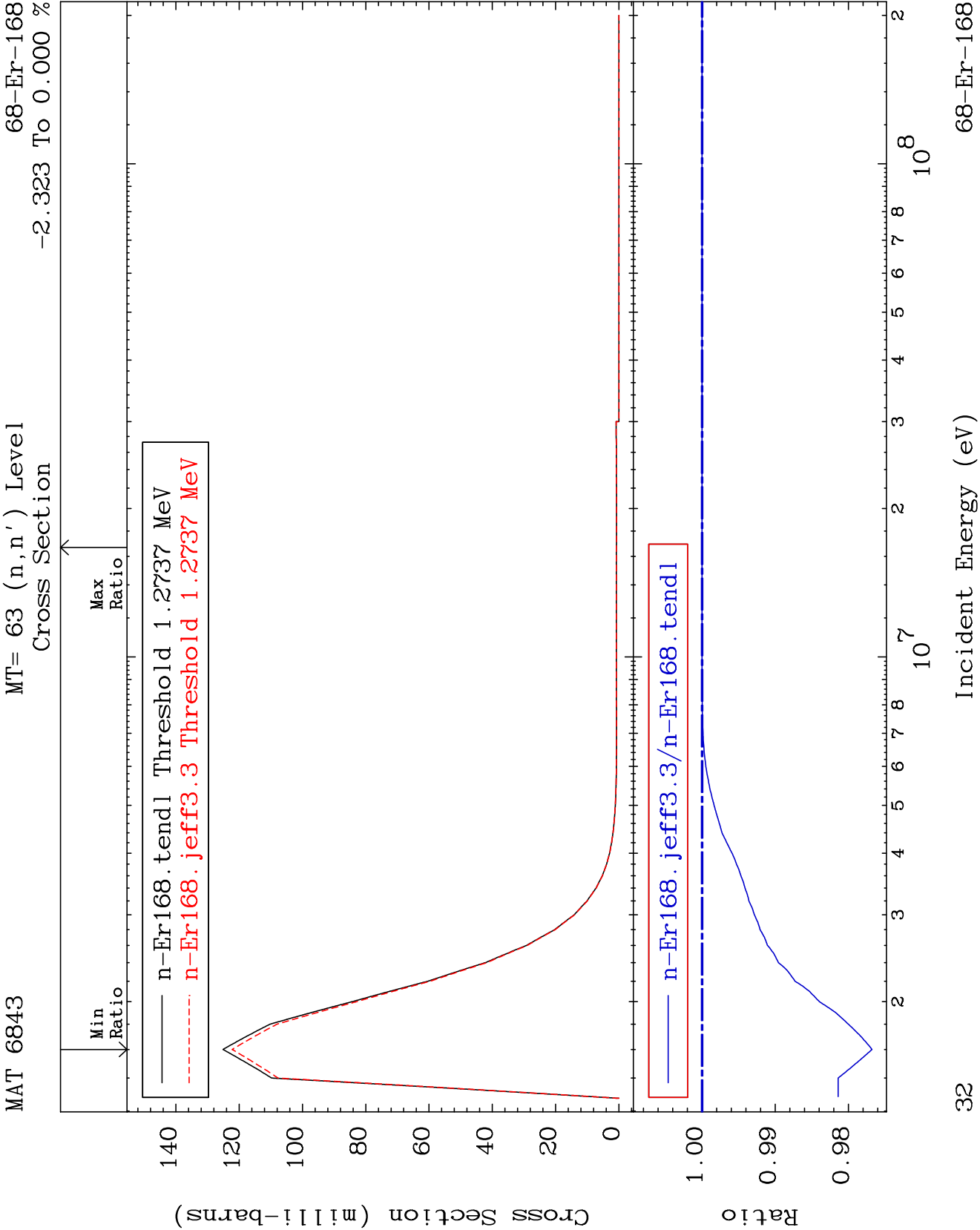
MAT 6843

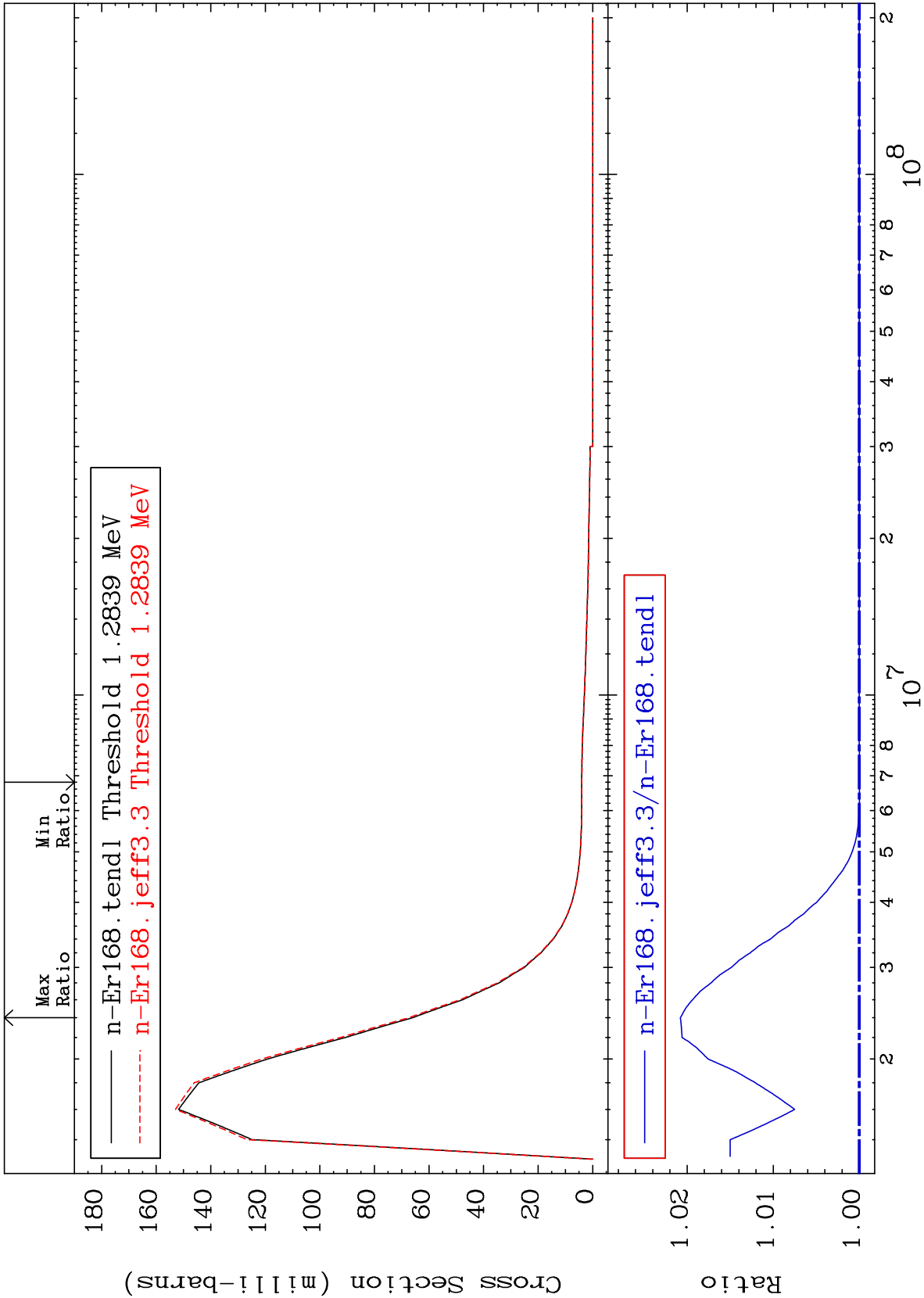
MT= 61 (n,n') Level
Cross Section

68-Er-168
-0.497 To 2.022 %





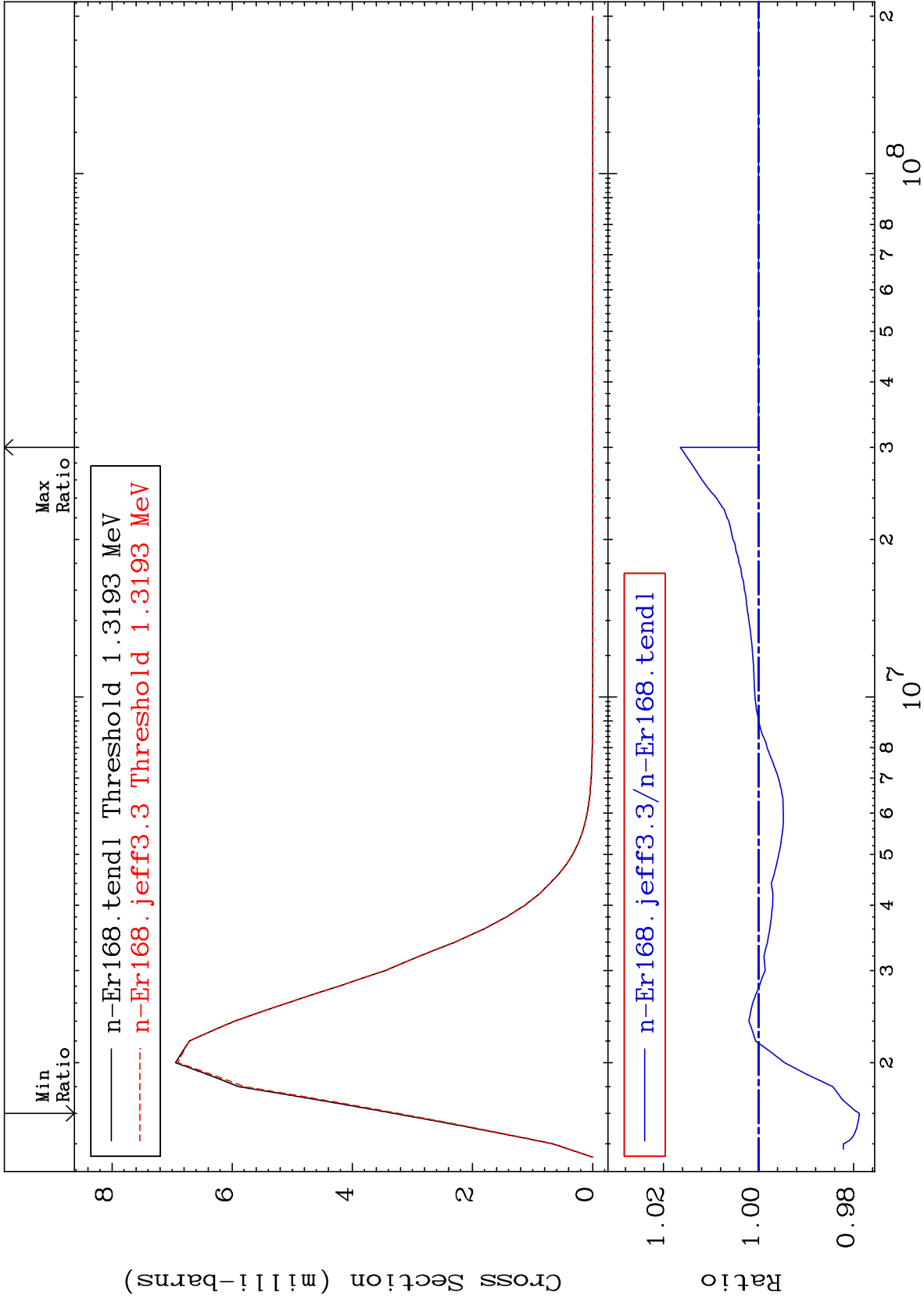




MAT 6843

MT= 65 (n,n') Level
Cross Section

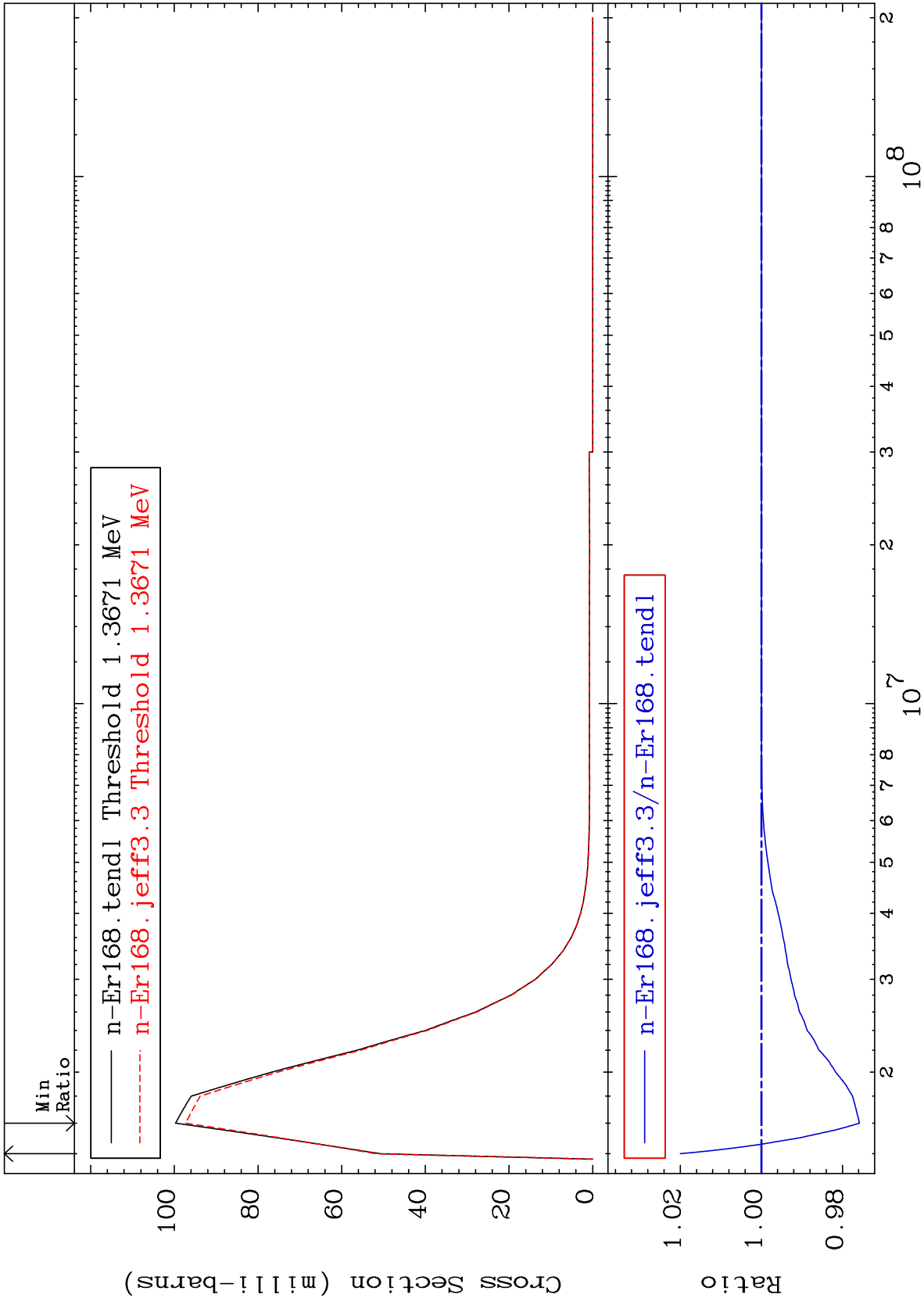
68-Er-168
-2.122 To 1.645 %

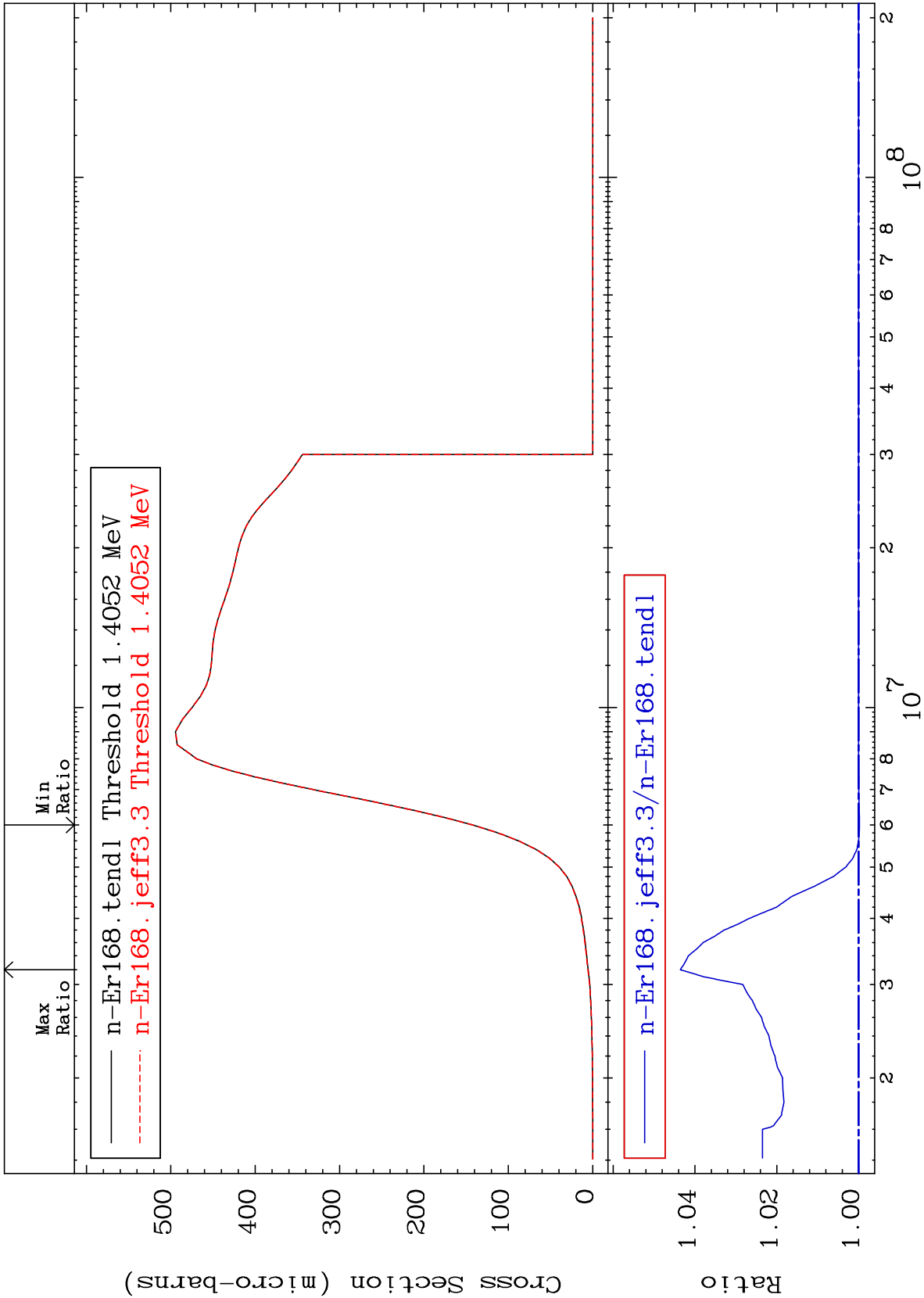


MAT 6843

MT= 66 (n,n') Level
Cross Section

68-Er-168
-2.419 To 1.998 %

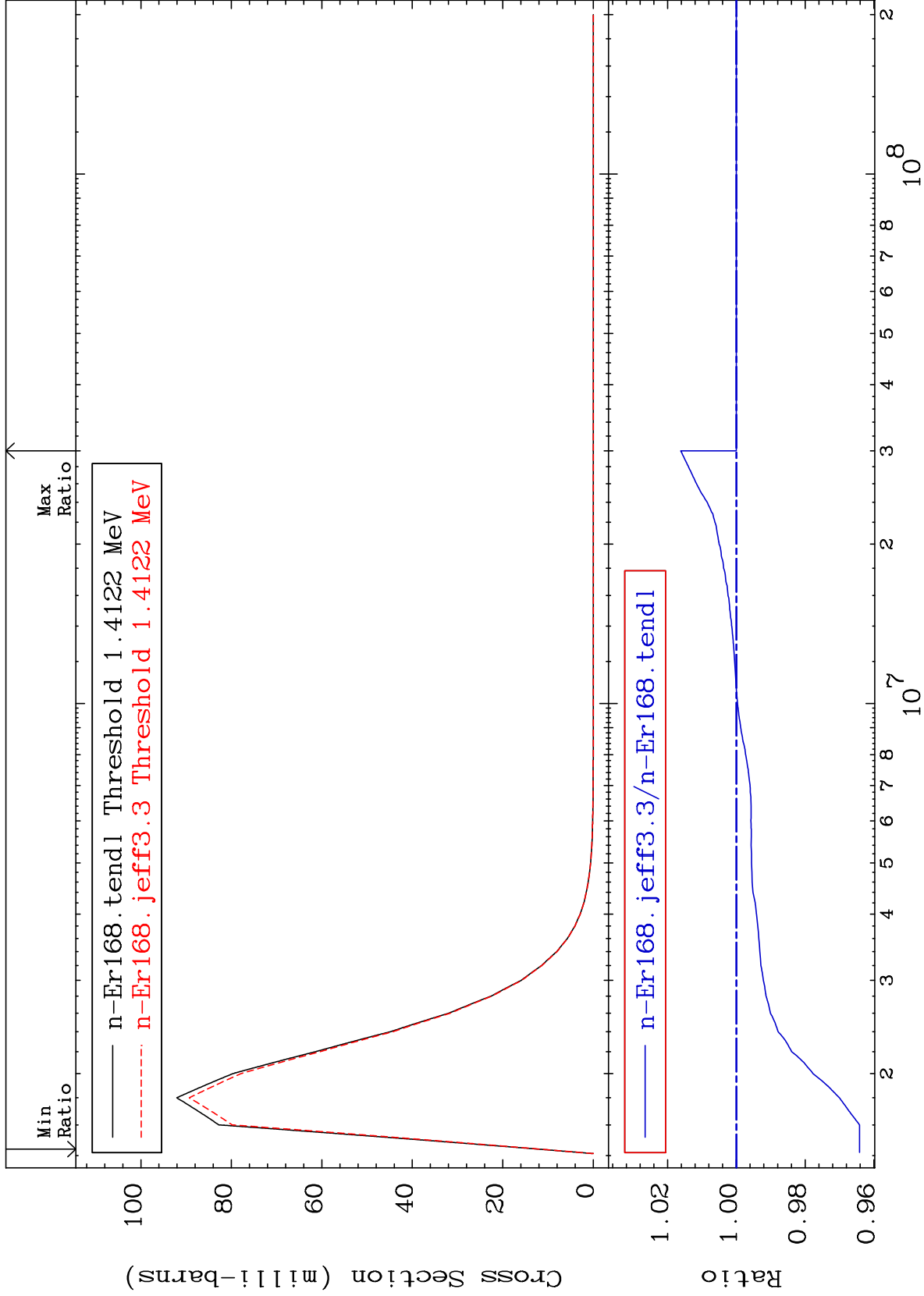


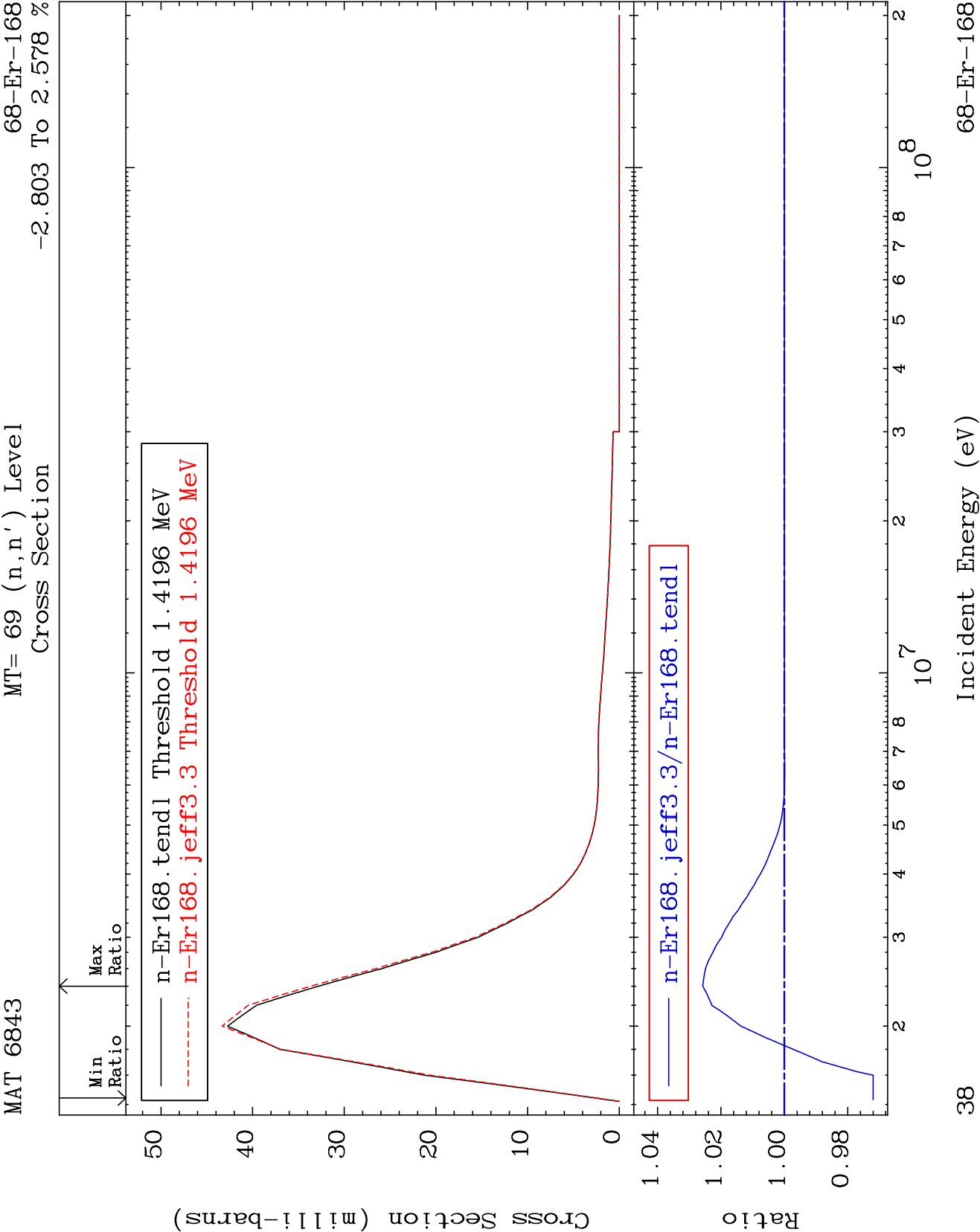


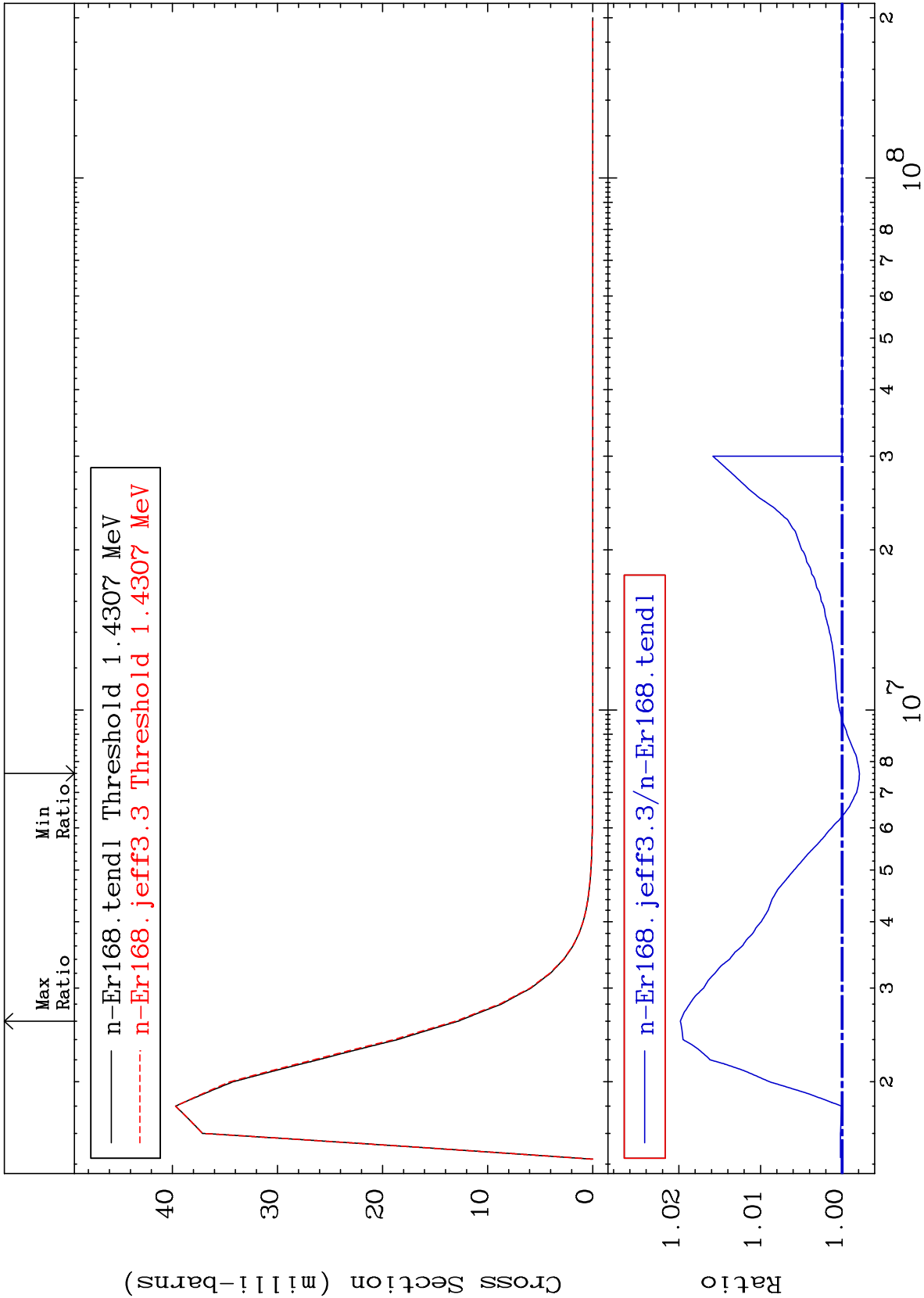
MAT 6843

MT= 68 (n,n') Level
Cross Section

68-Er-168
-3.582 To 1.617 %



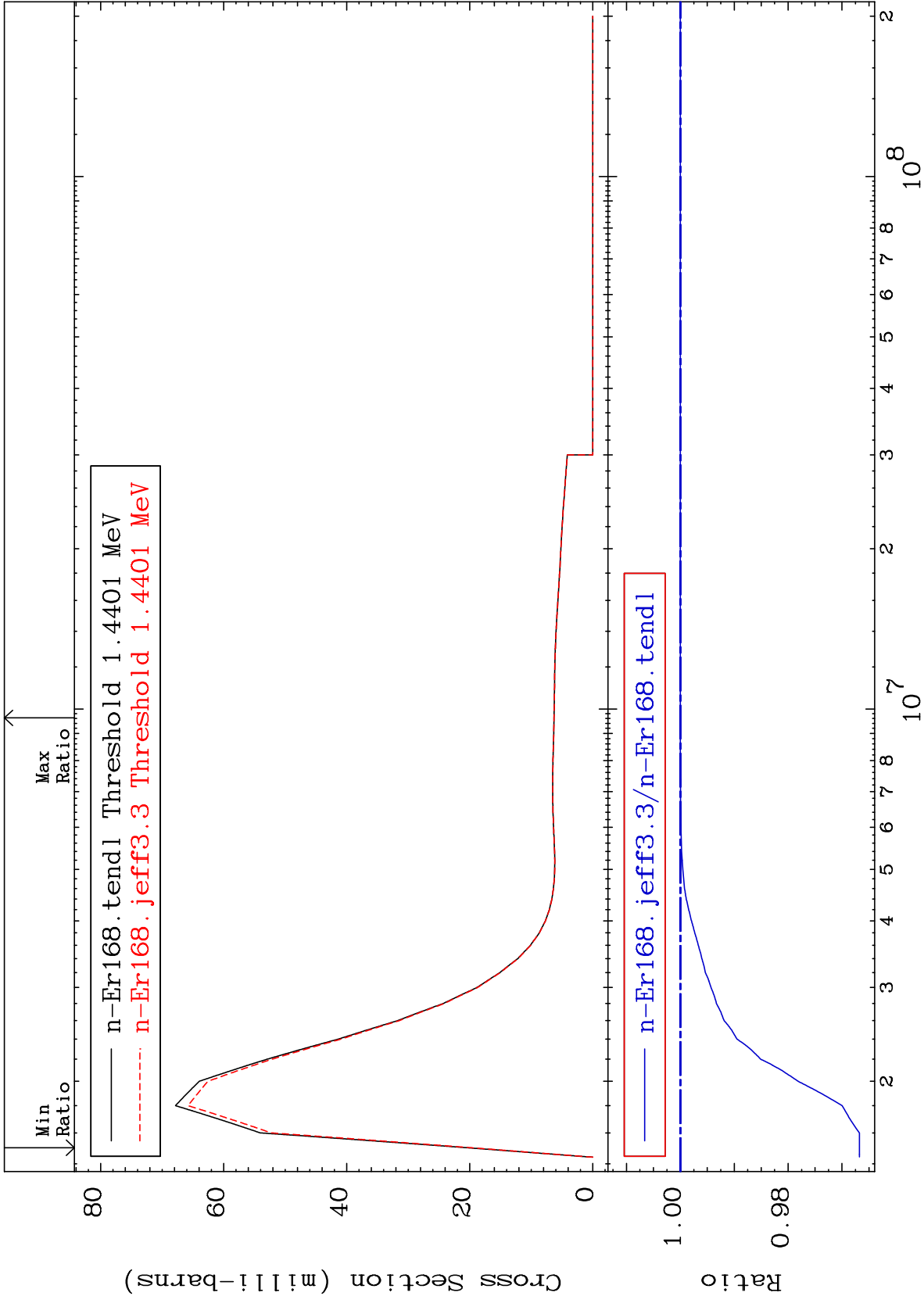




MAT 6843

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

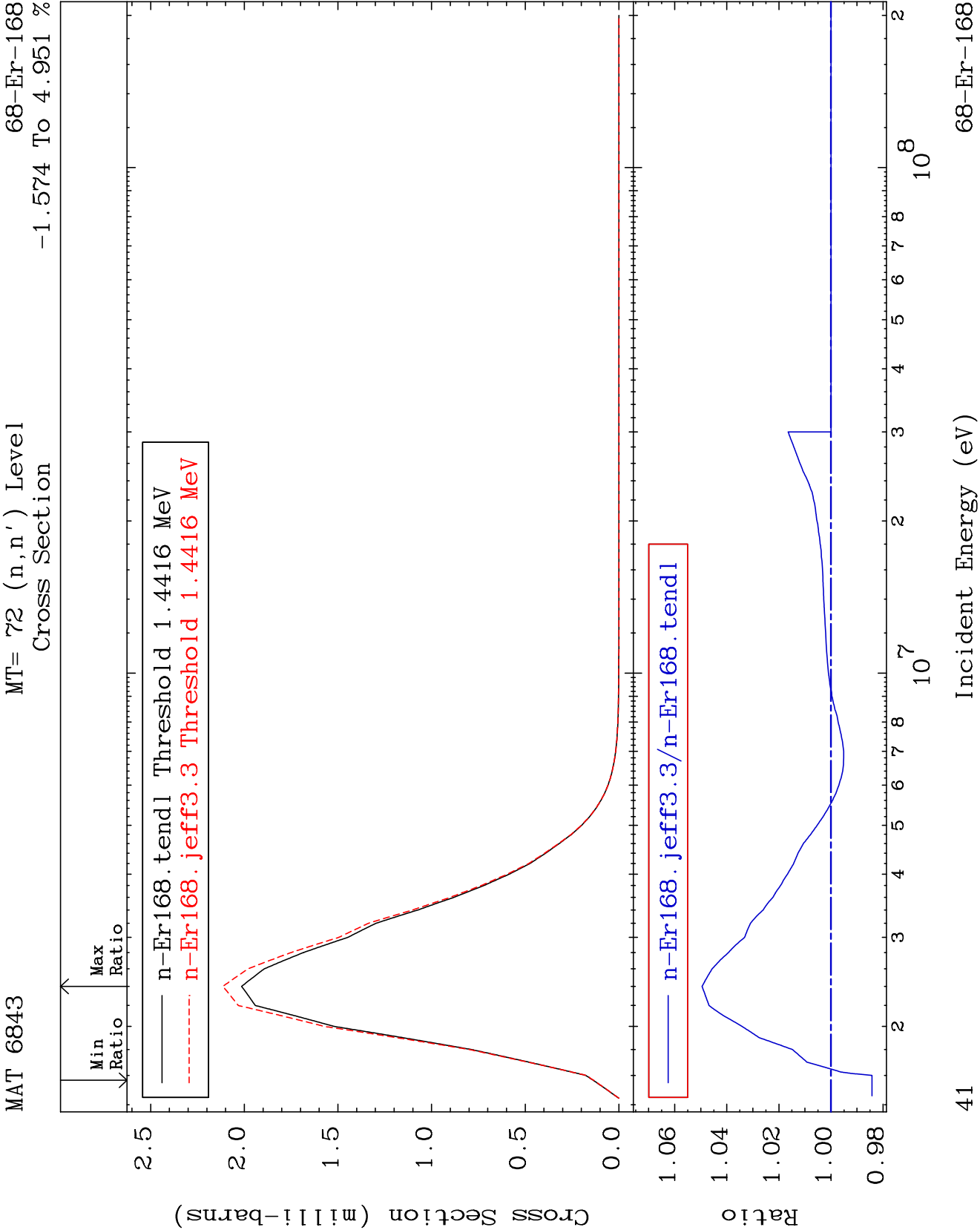
68-Er-168
-3.324 To 0.000 %

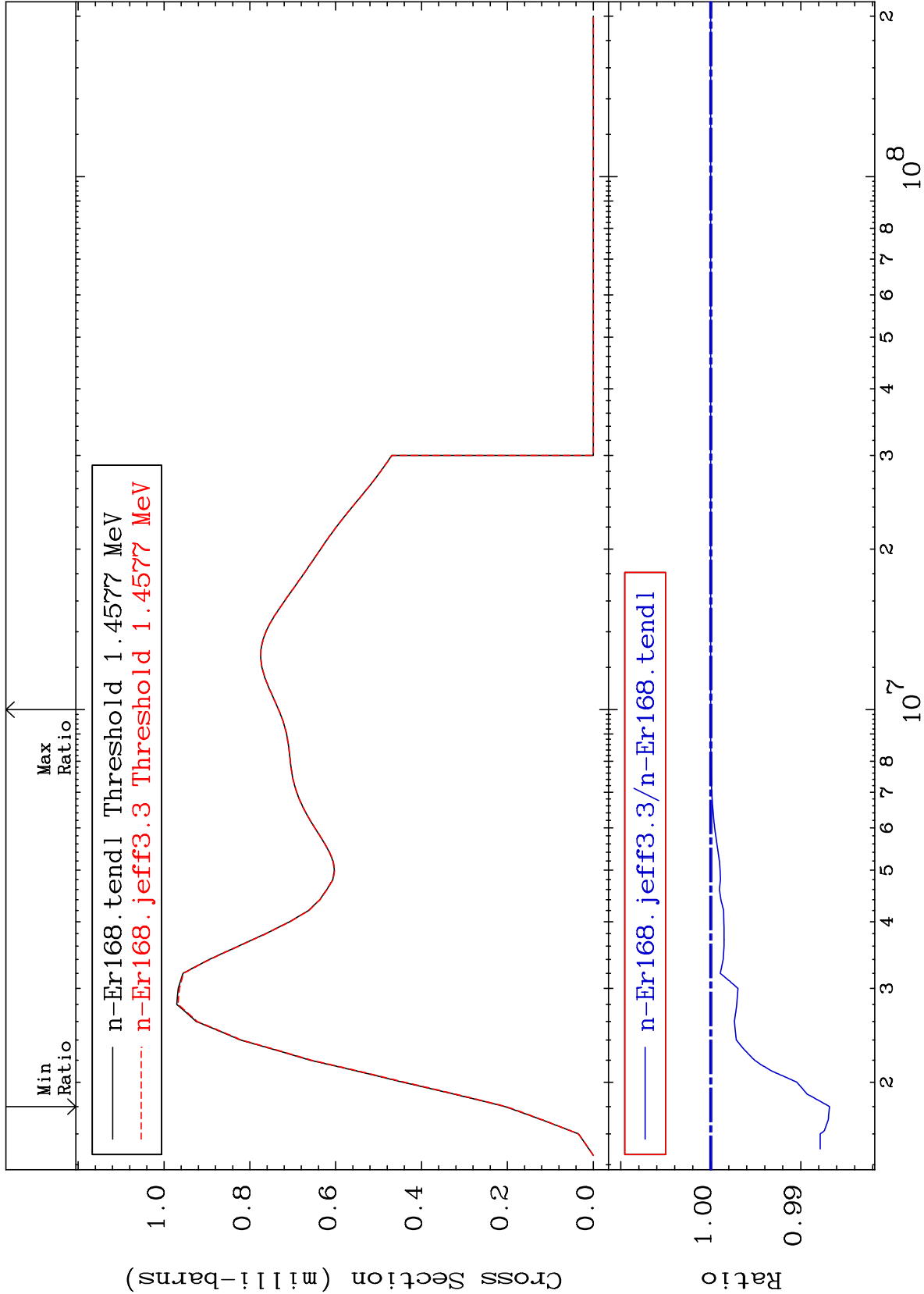


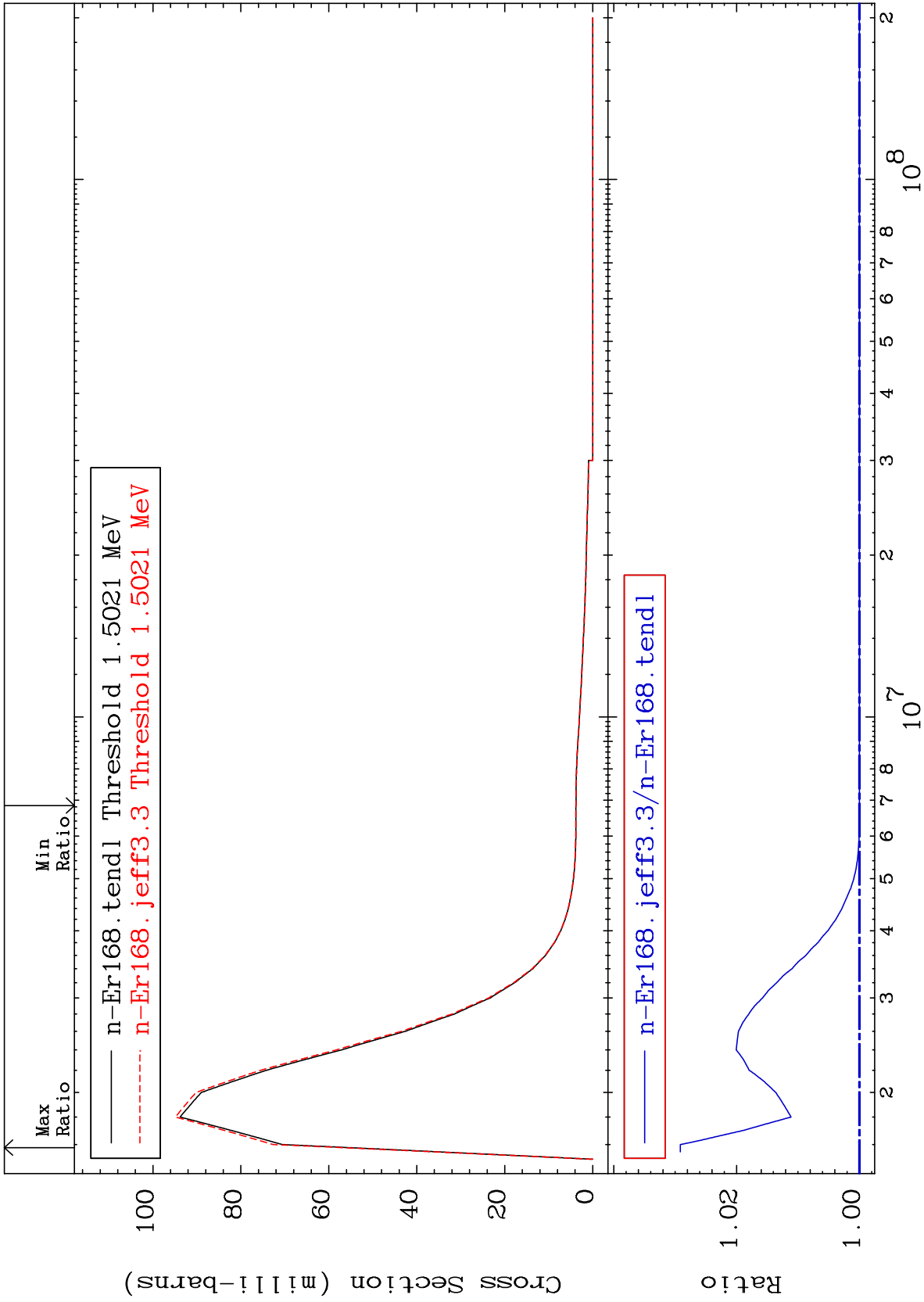
40

Incident Energy (eV)

68-Er-168





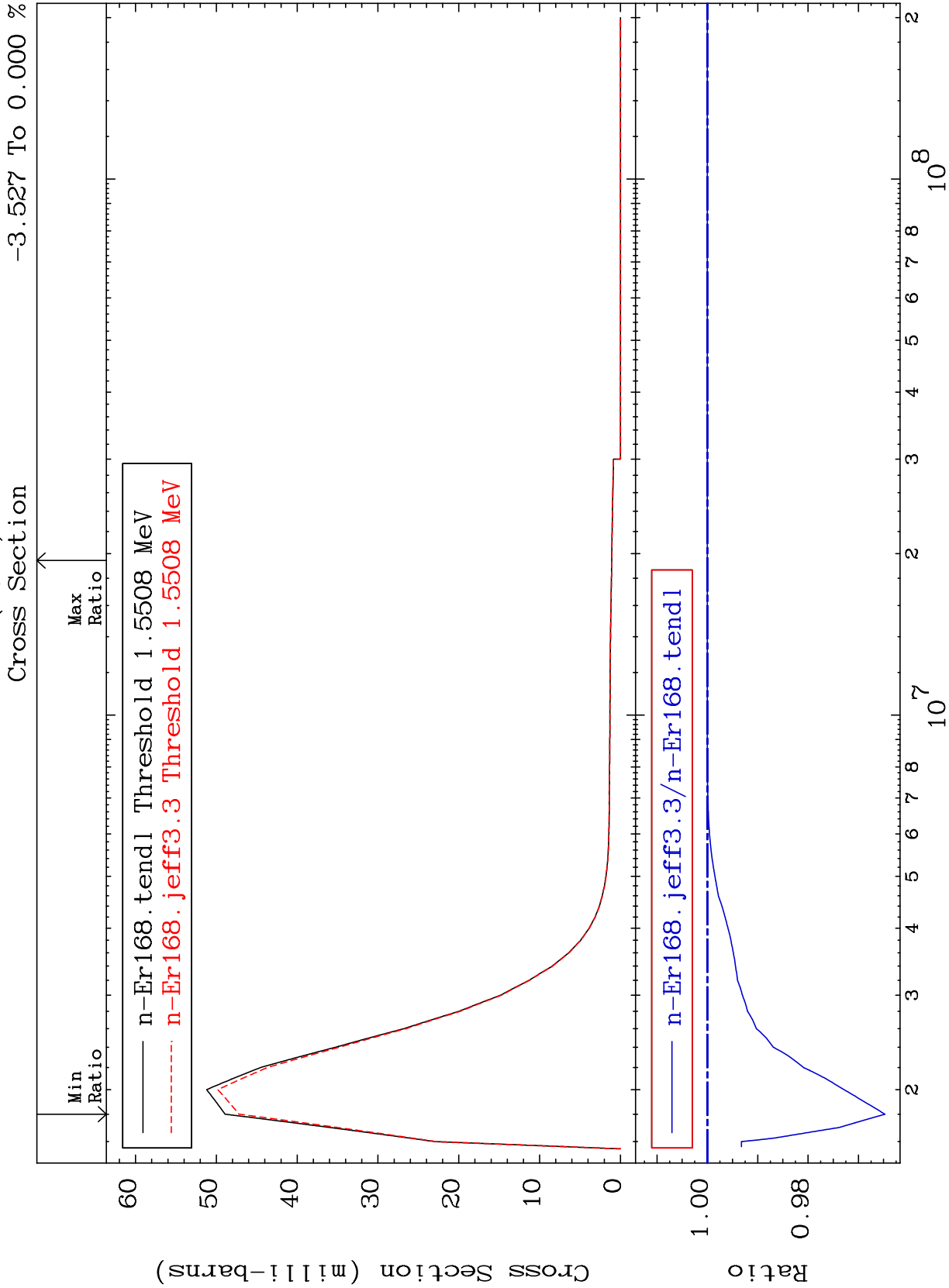


MAT 6843

MT= 75 (n,n') Level

68-Er-168

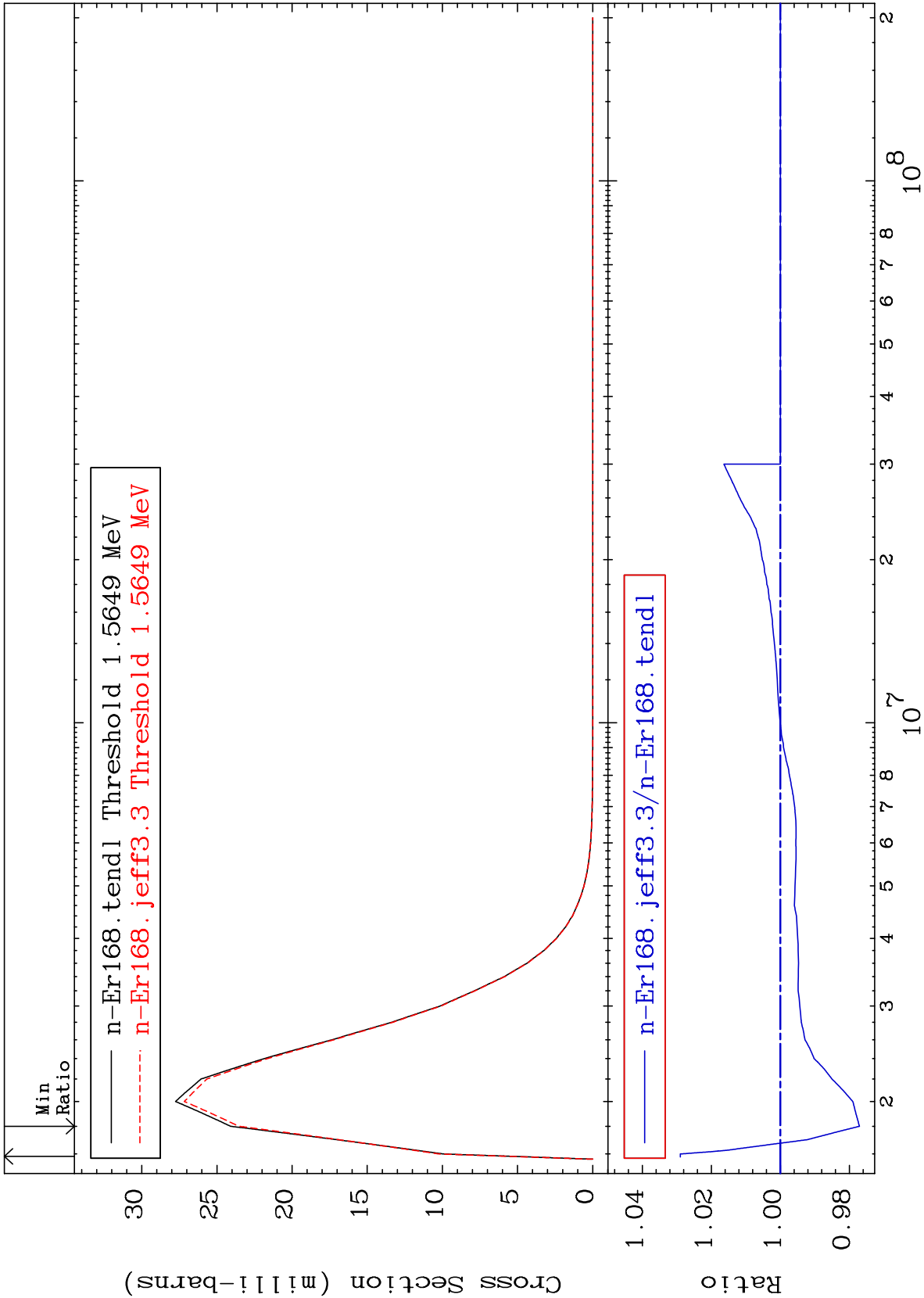
-3.527 To 0.000 %



MAT 6843

MT= 76 (n,n') Level
Cross Section

68-Er-168
-2.292 To 2.896 %



45

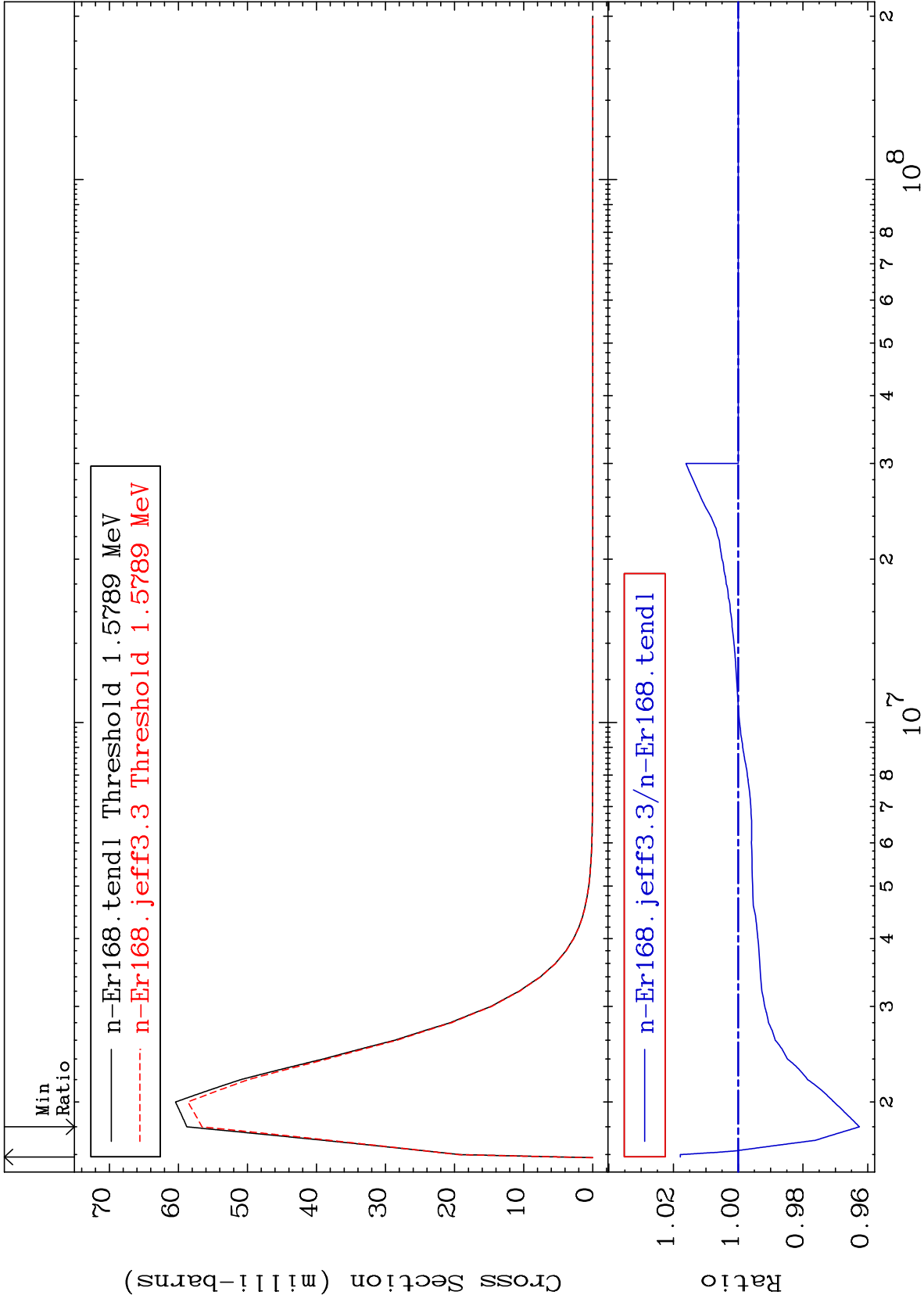
Incident Energy (eV)

68-Er-168

MAT 6843

MT= 77 (n,n') Level
Cross Section

68-Er-168
-3.743 To 1.788 %

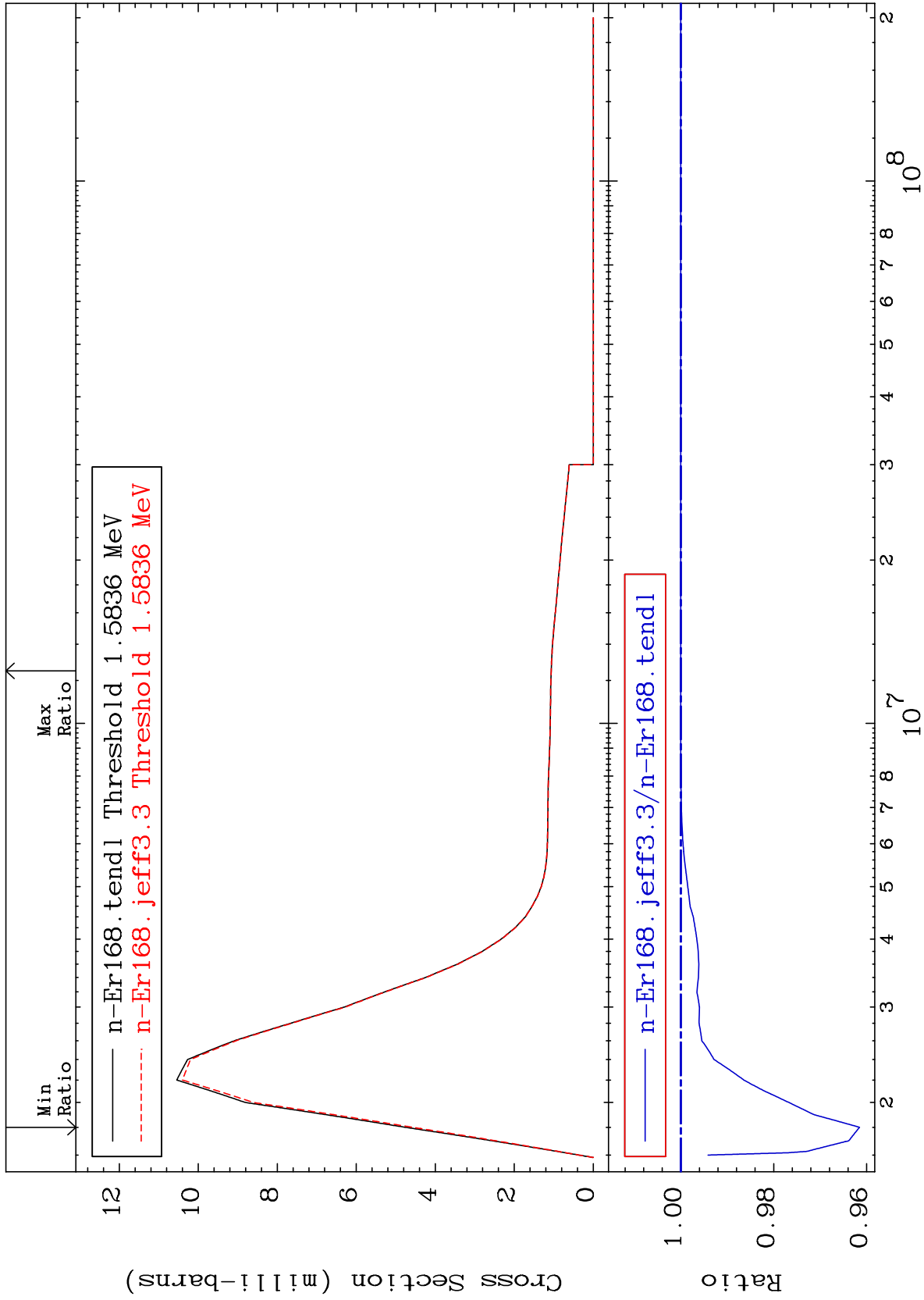


MAT 6843

MT= 78 (n,n') Level

68-Er-168

-3.847 To 0.000 %



47

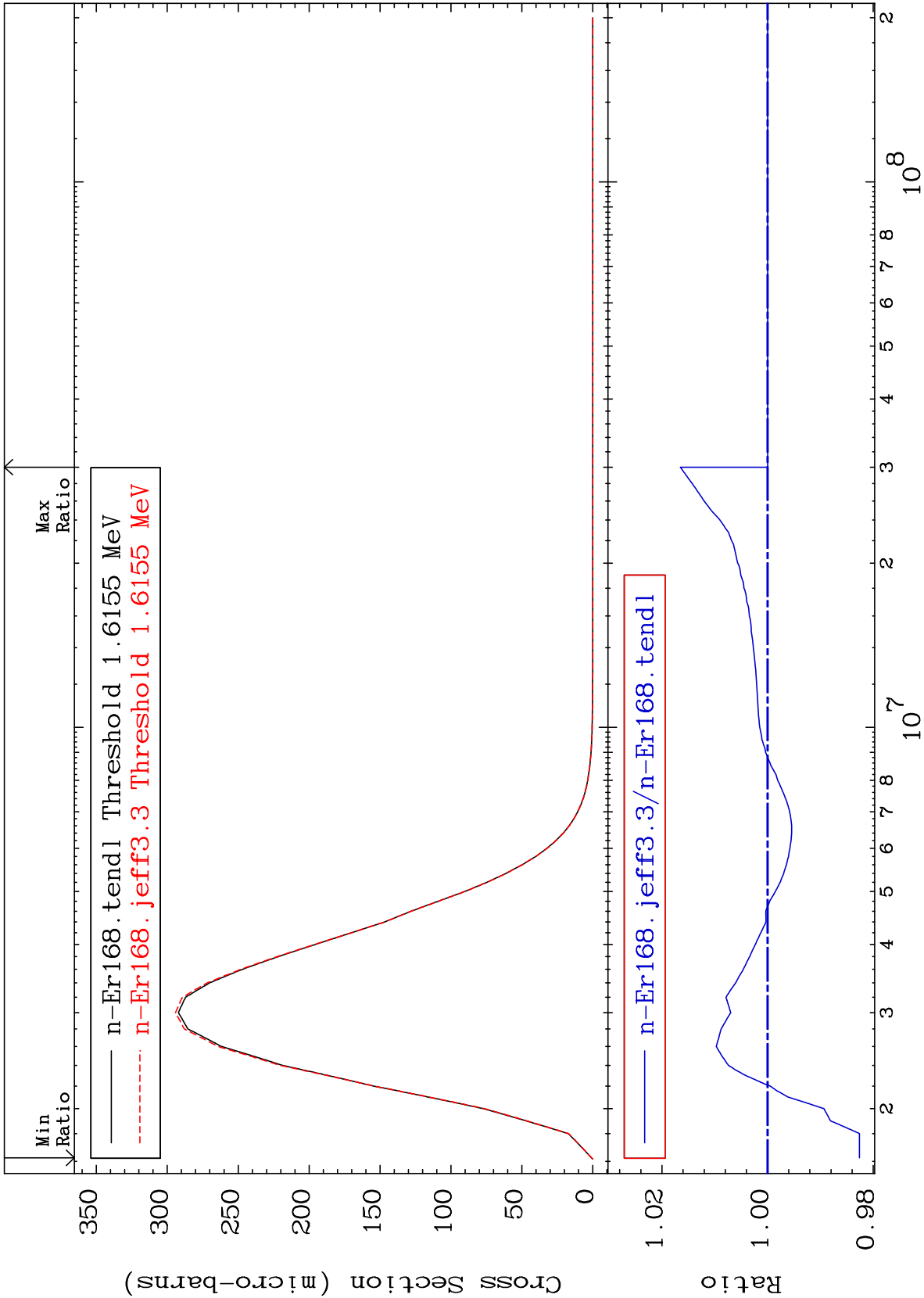
Incident Energy (eV)

68-Er-168

MAT 6843

MT= 79 (n,n') Level
Cross Section

68-Er-168
-1.738 To 1.652 %



48

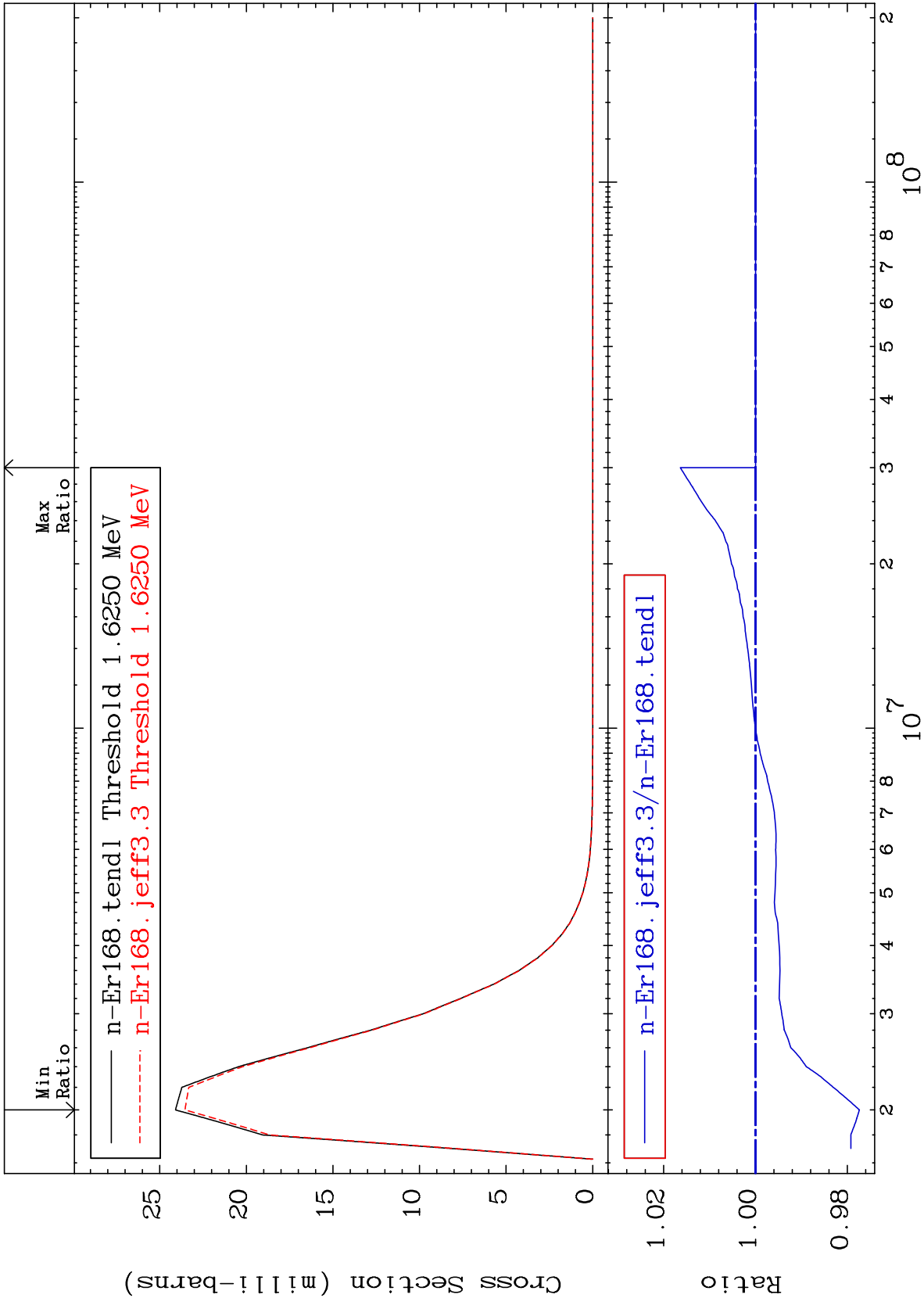
Incident Energy (eV)

68-Er-168

MAT 6843

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

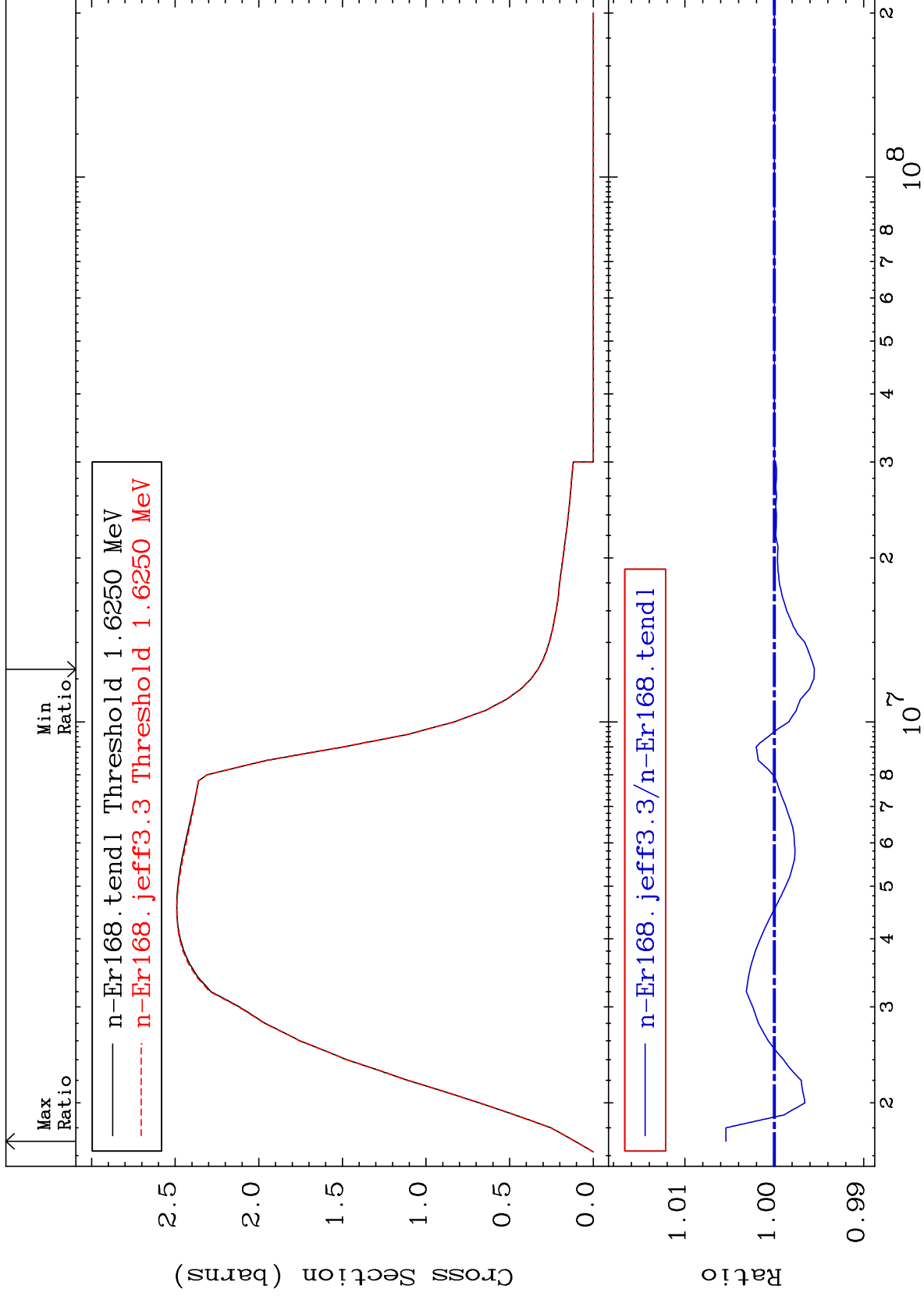
68-Er-168
-2.262 To 1.635 %



MAT 6843

(n,n') Continuum
Cross Section

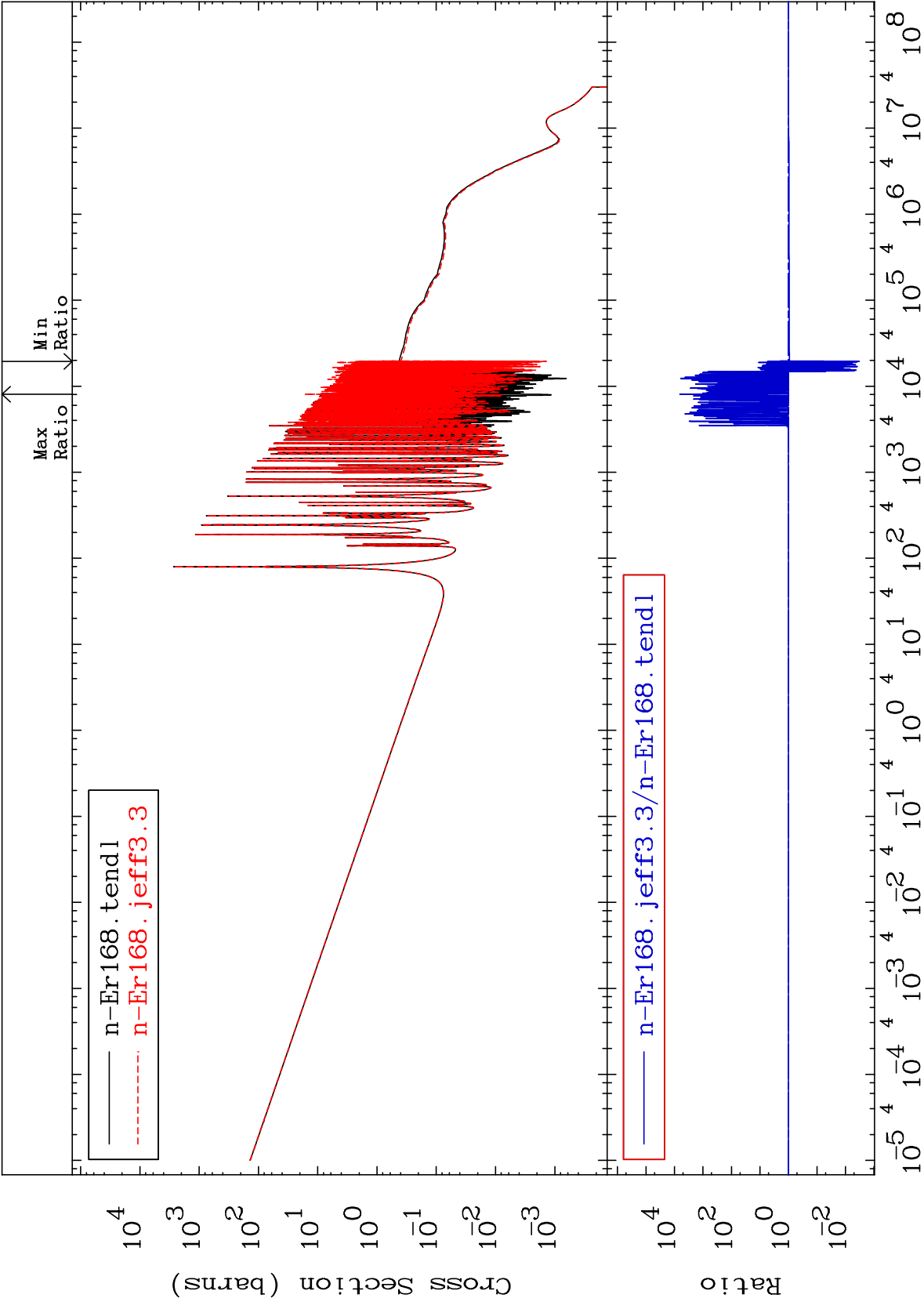
68-Er-168
-0.449 To 0.542 %

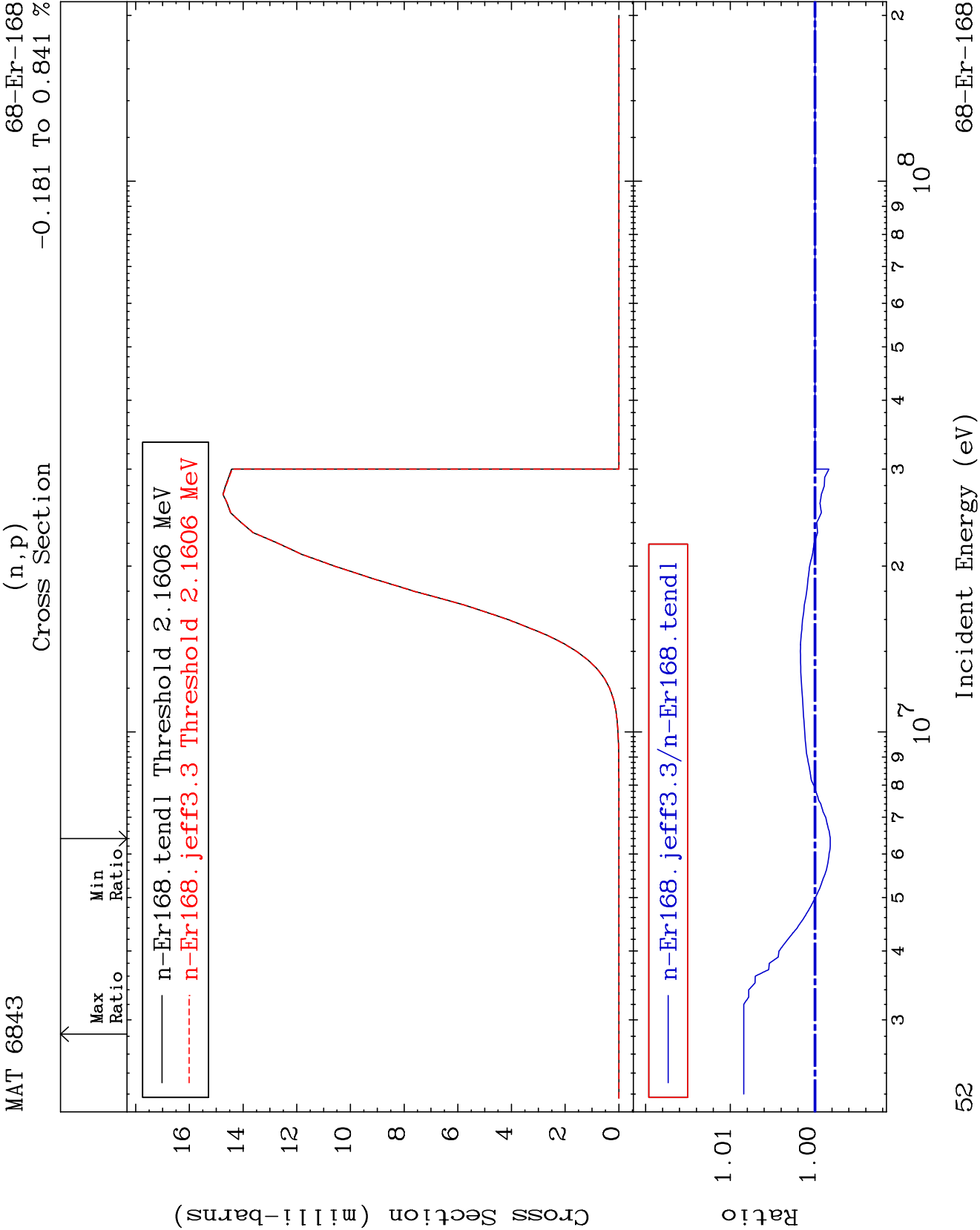


50

Incident Energy (eV)

68-Er-168





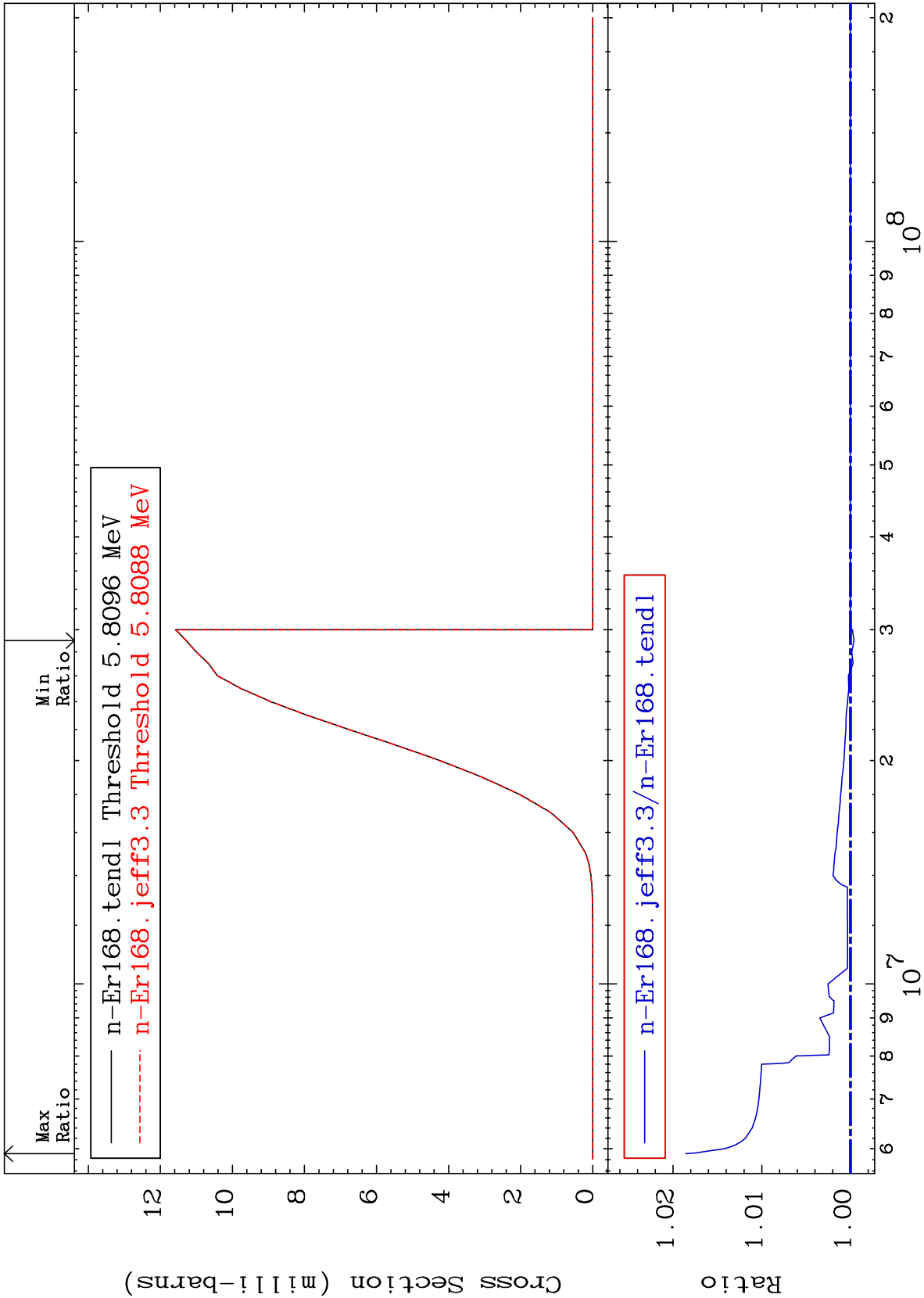
MAT 6843

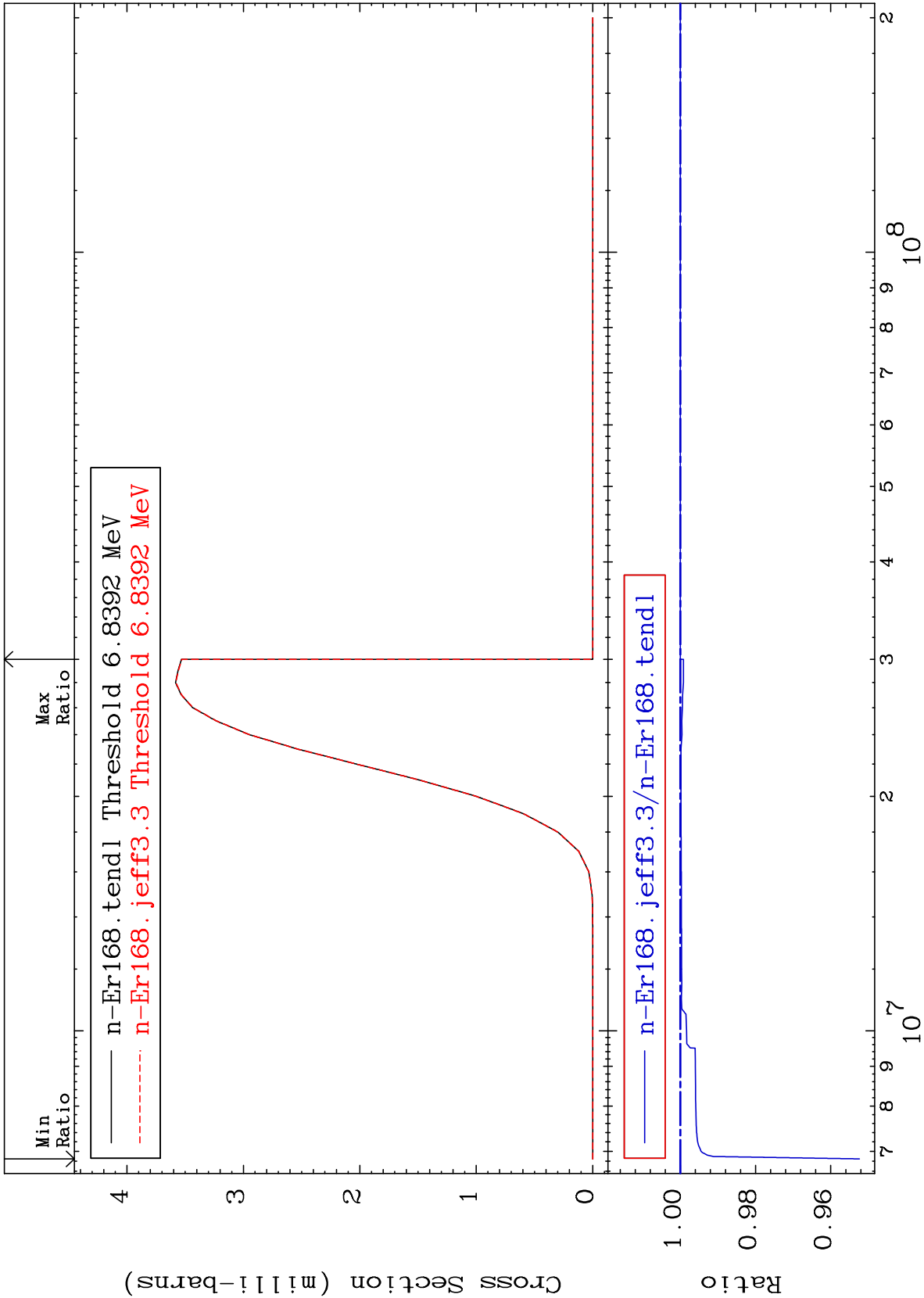
68-Er-168

(n,d)

Cross Section

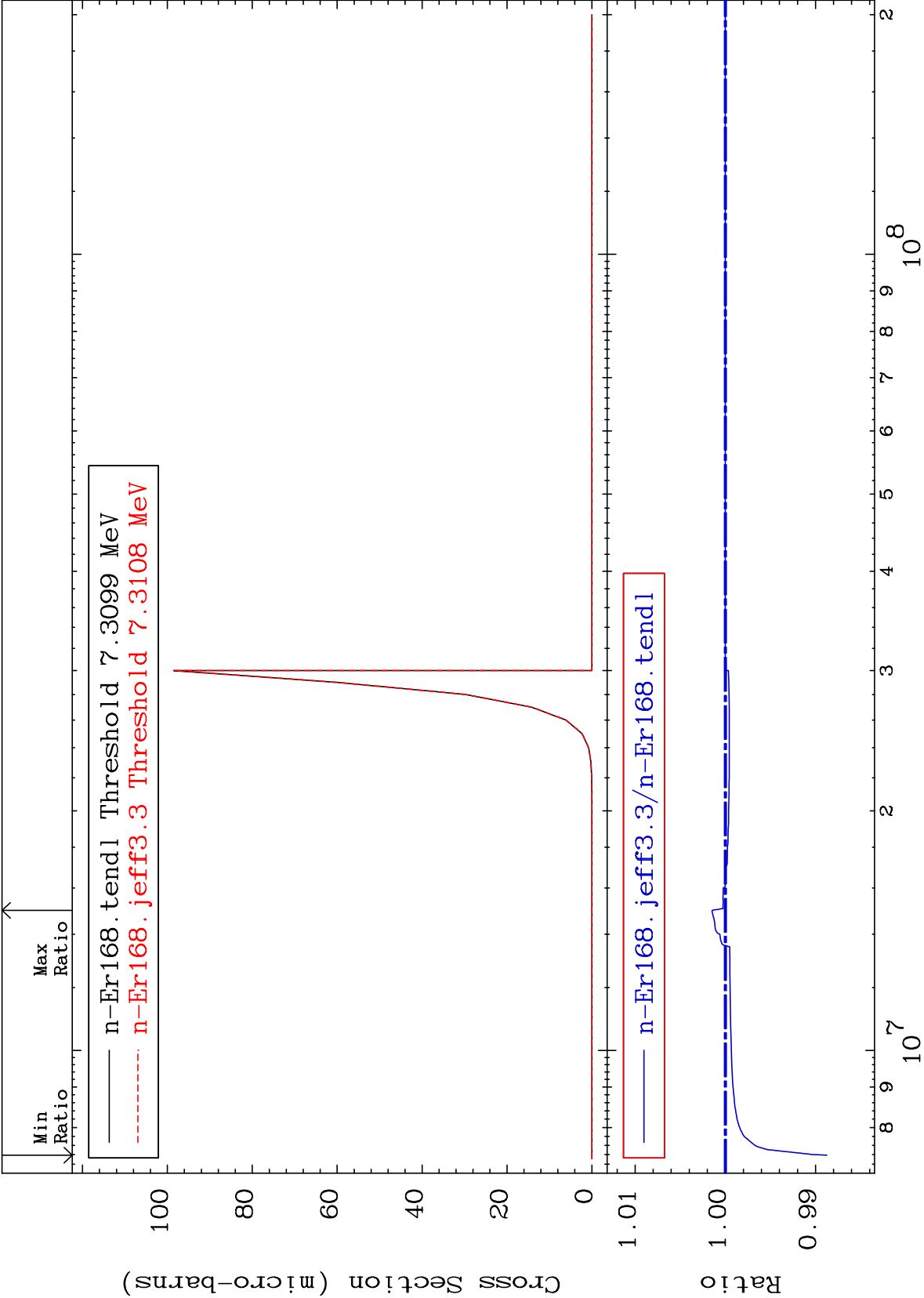
-0.040 To 1.857 %





Cross Section

-1.126 To 0.147 %



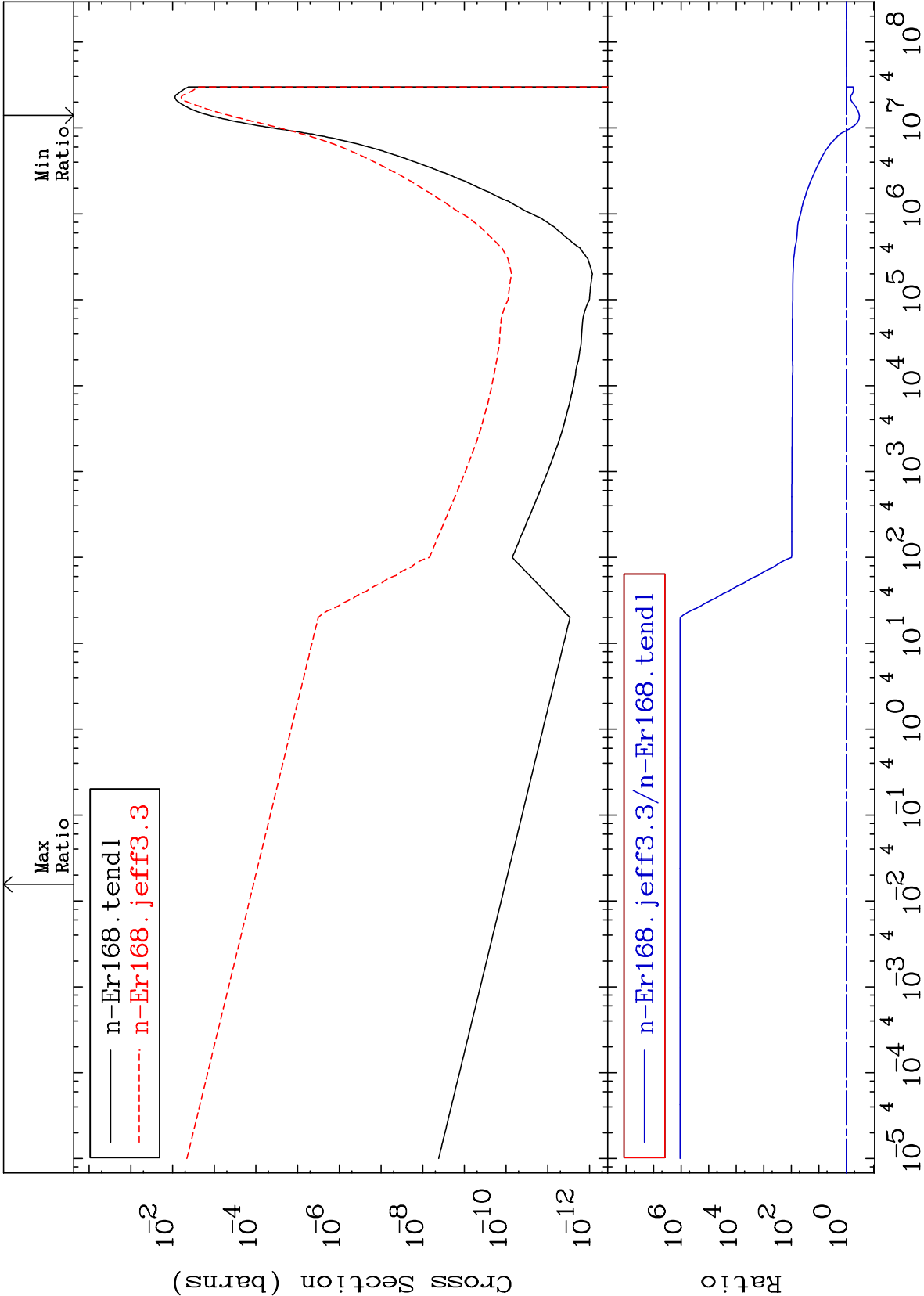
MAT 6843

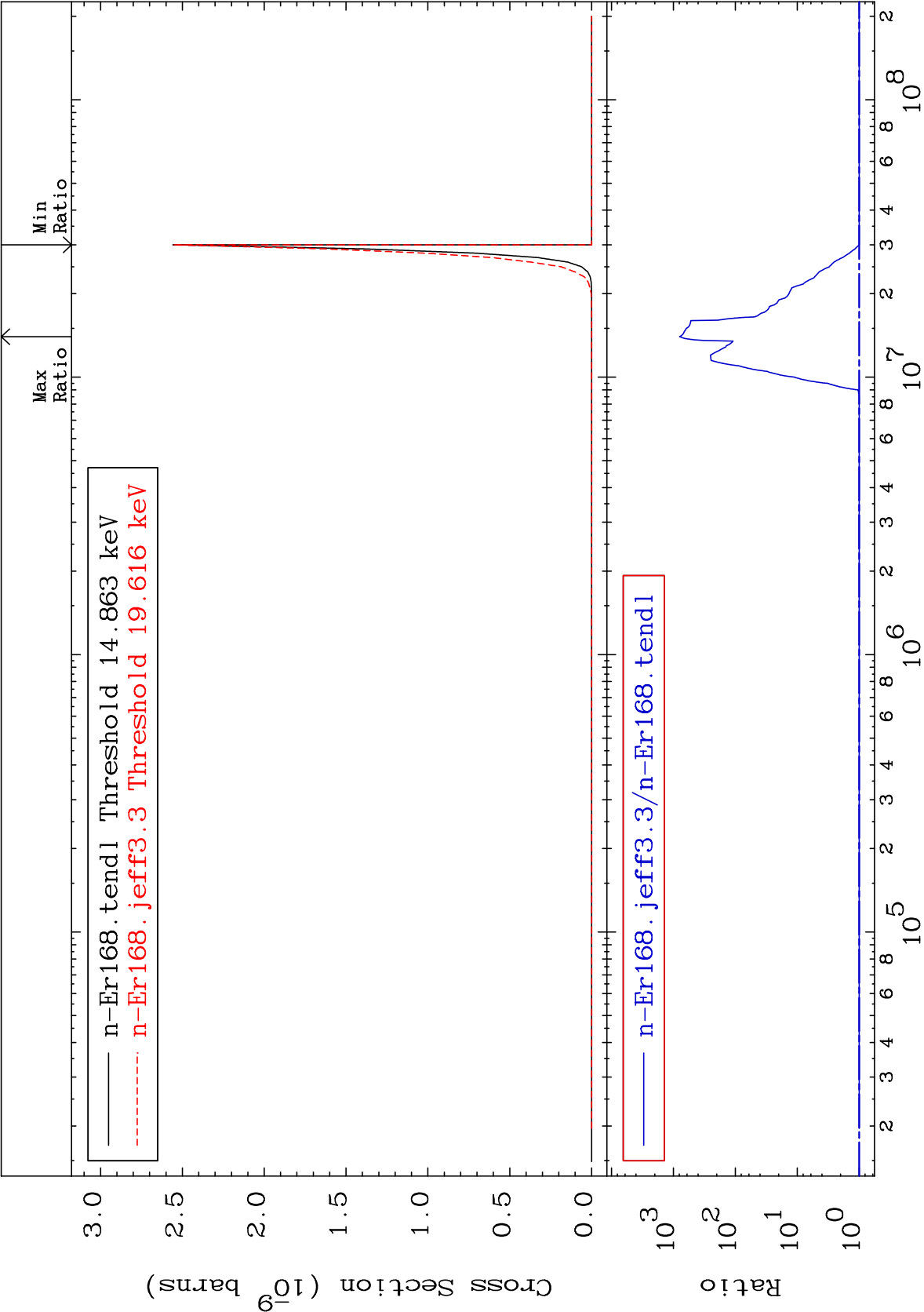
(n, α)

68-Er-168

Cross Section

-66.38 To 9999. %





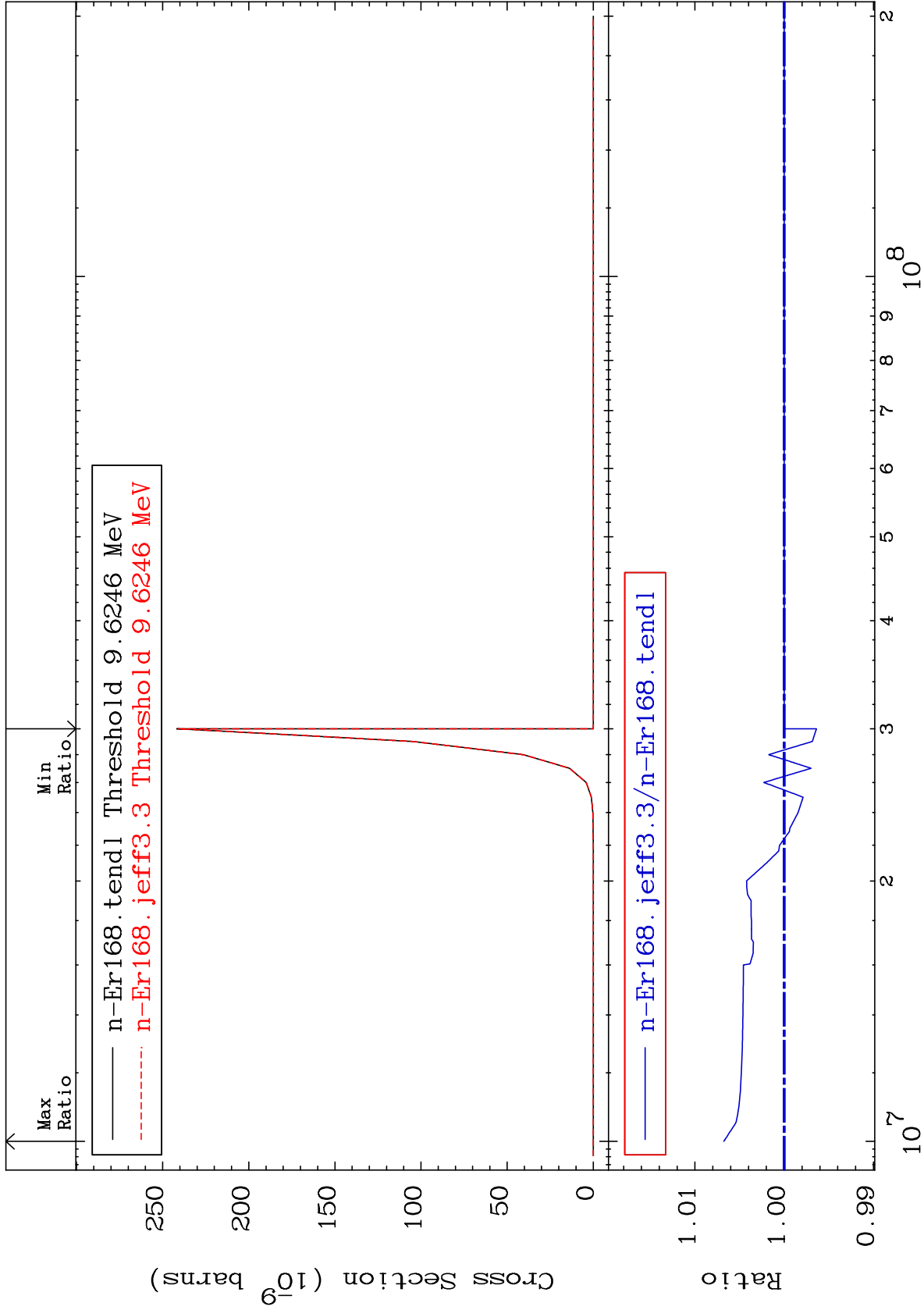
MAT 6843

(n,2p)

68-Er-168

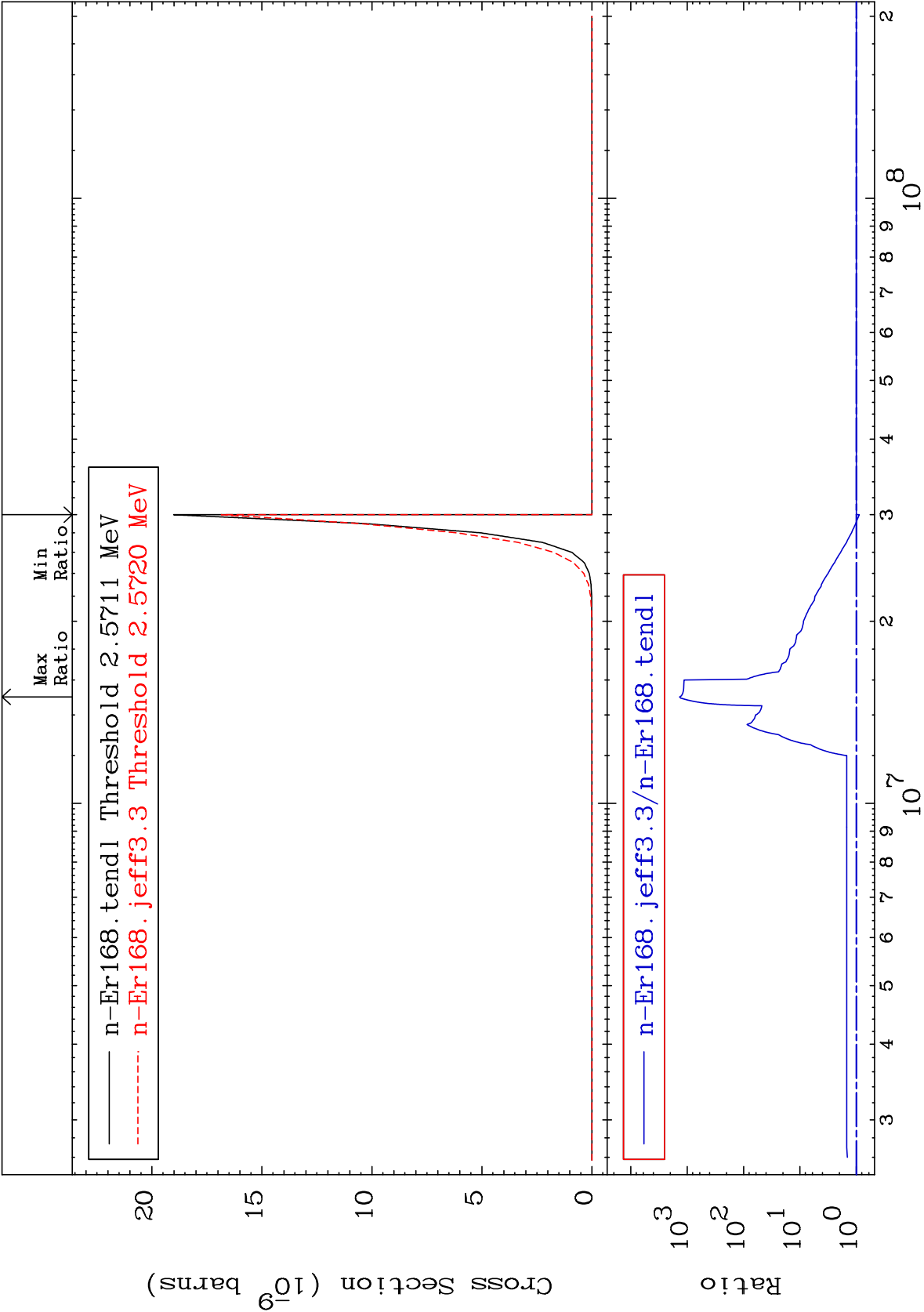
Cross Section

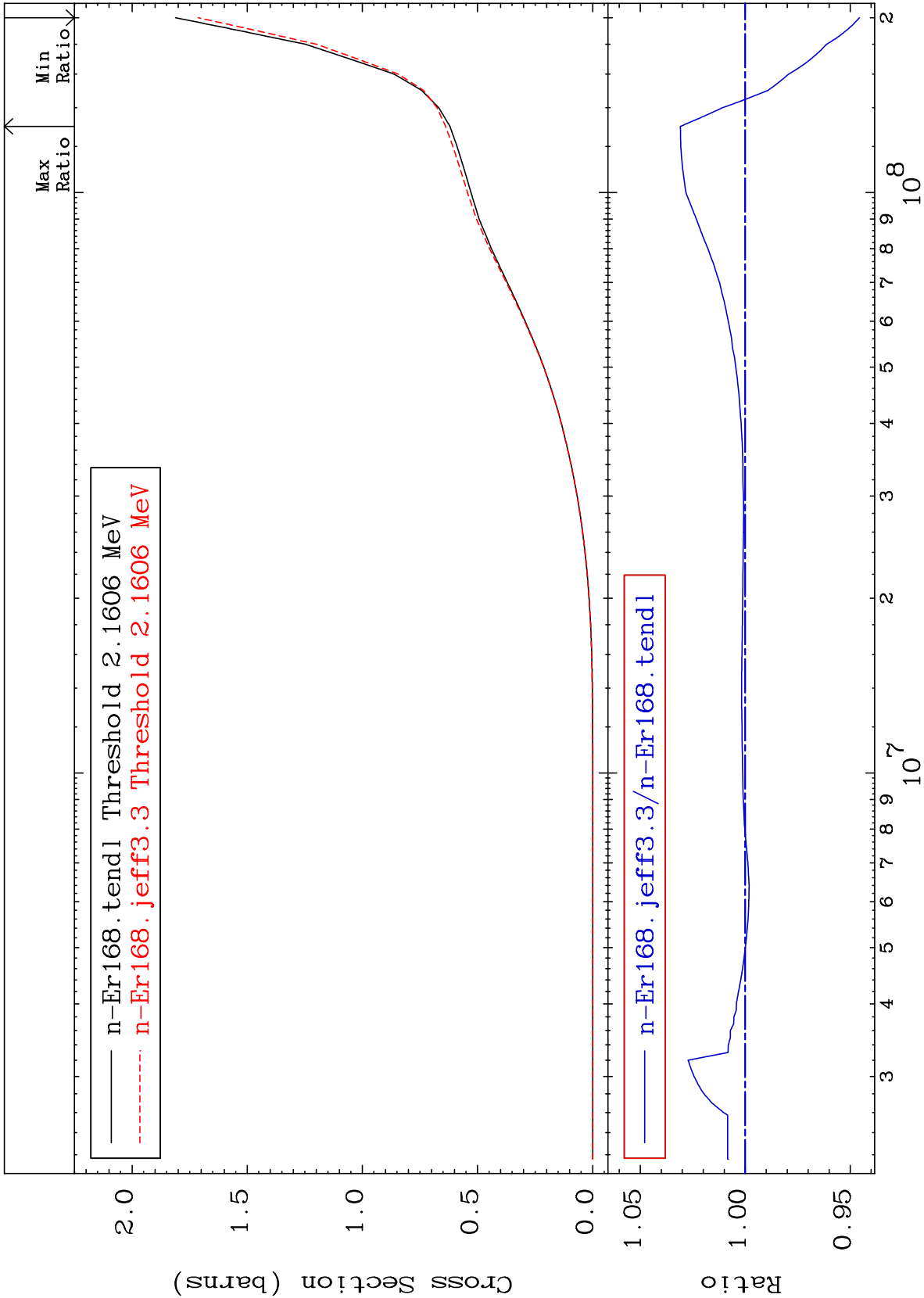
-0.361 To 0.677 %

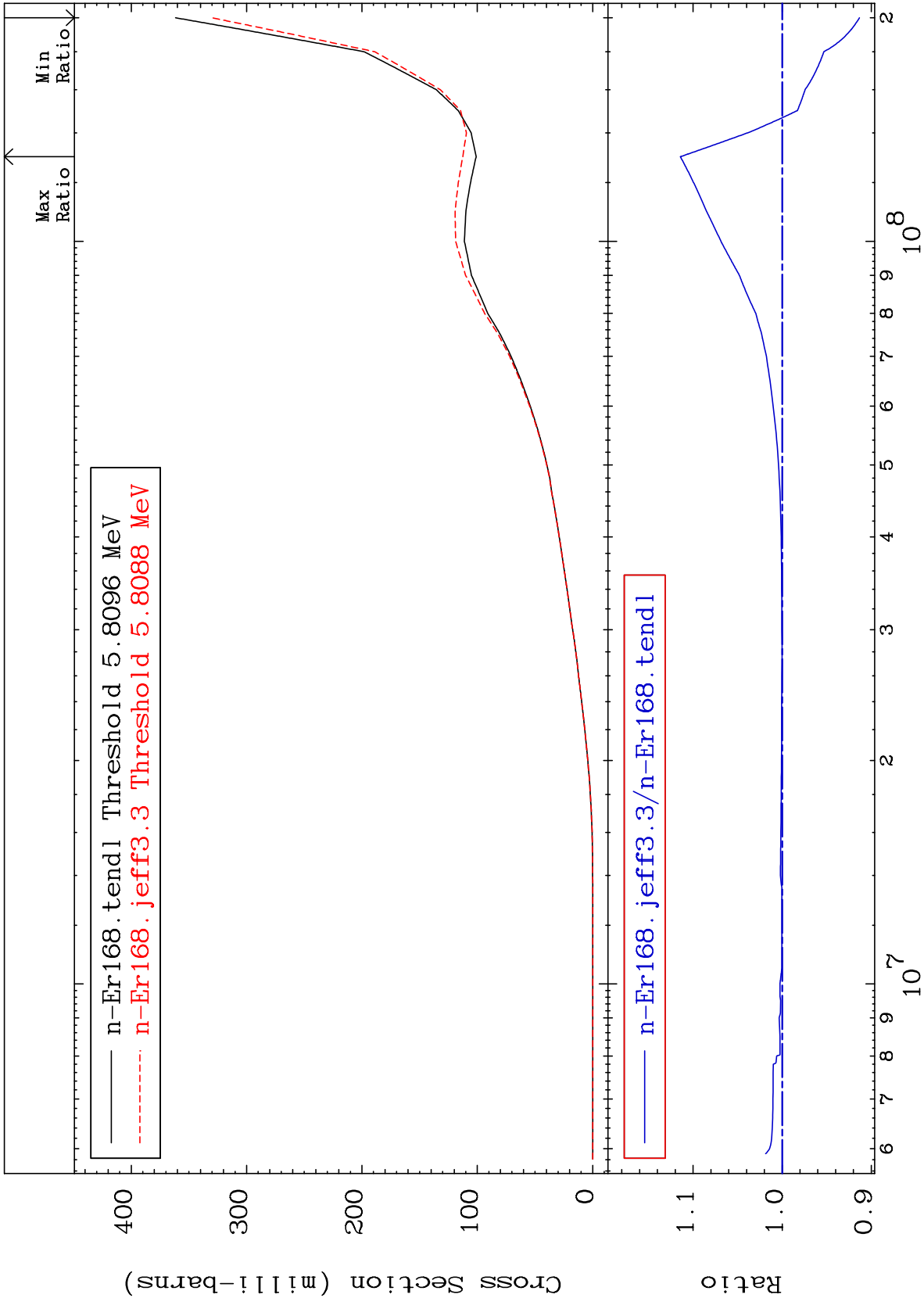


Incident Energy (eV)

68-Er-168



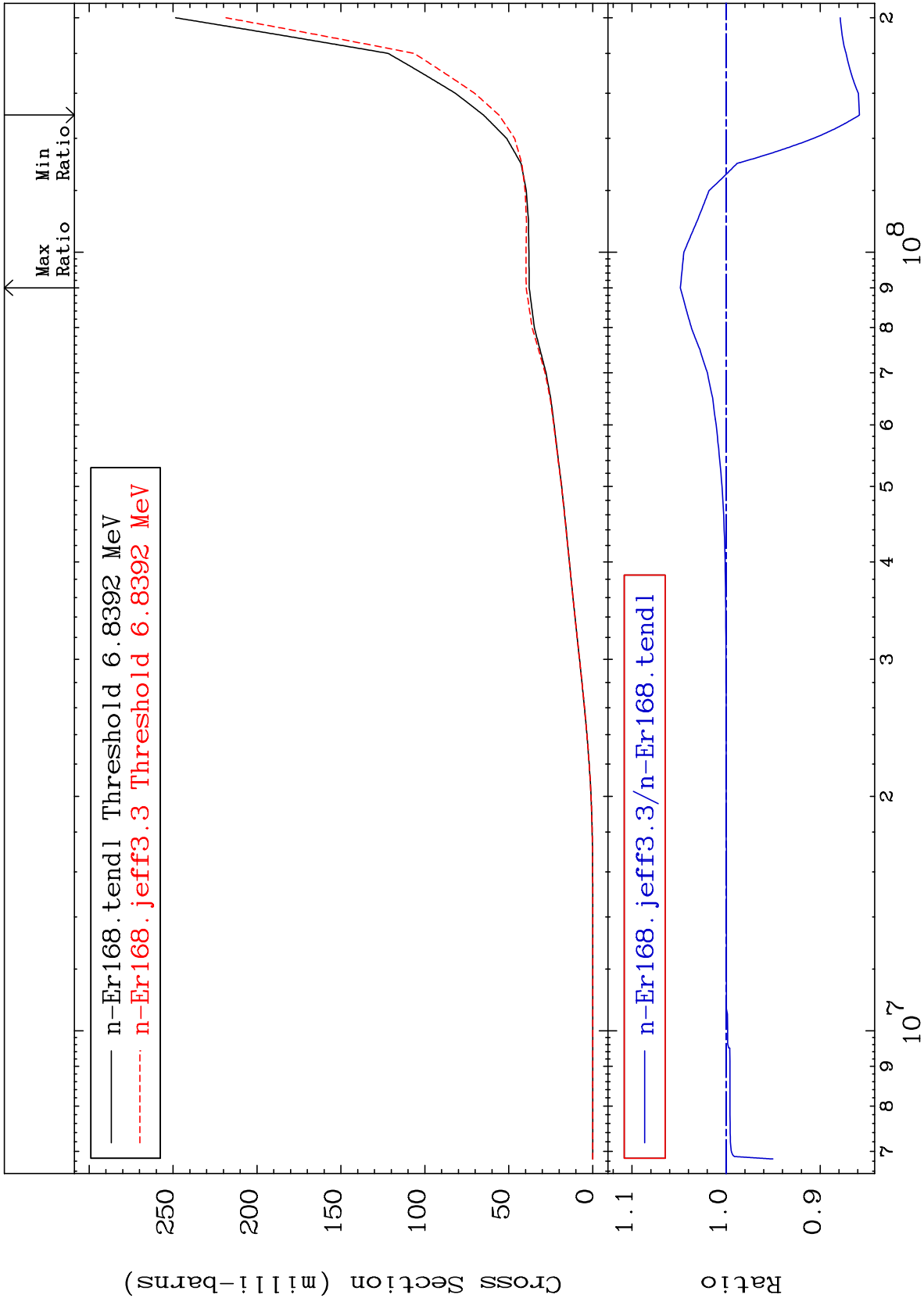




MAT 6843

Tritium Production
Cross Section

68-Er-168
-14.17 To 4.862 %



62

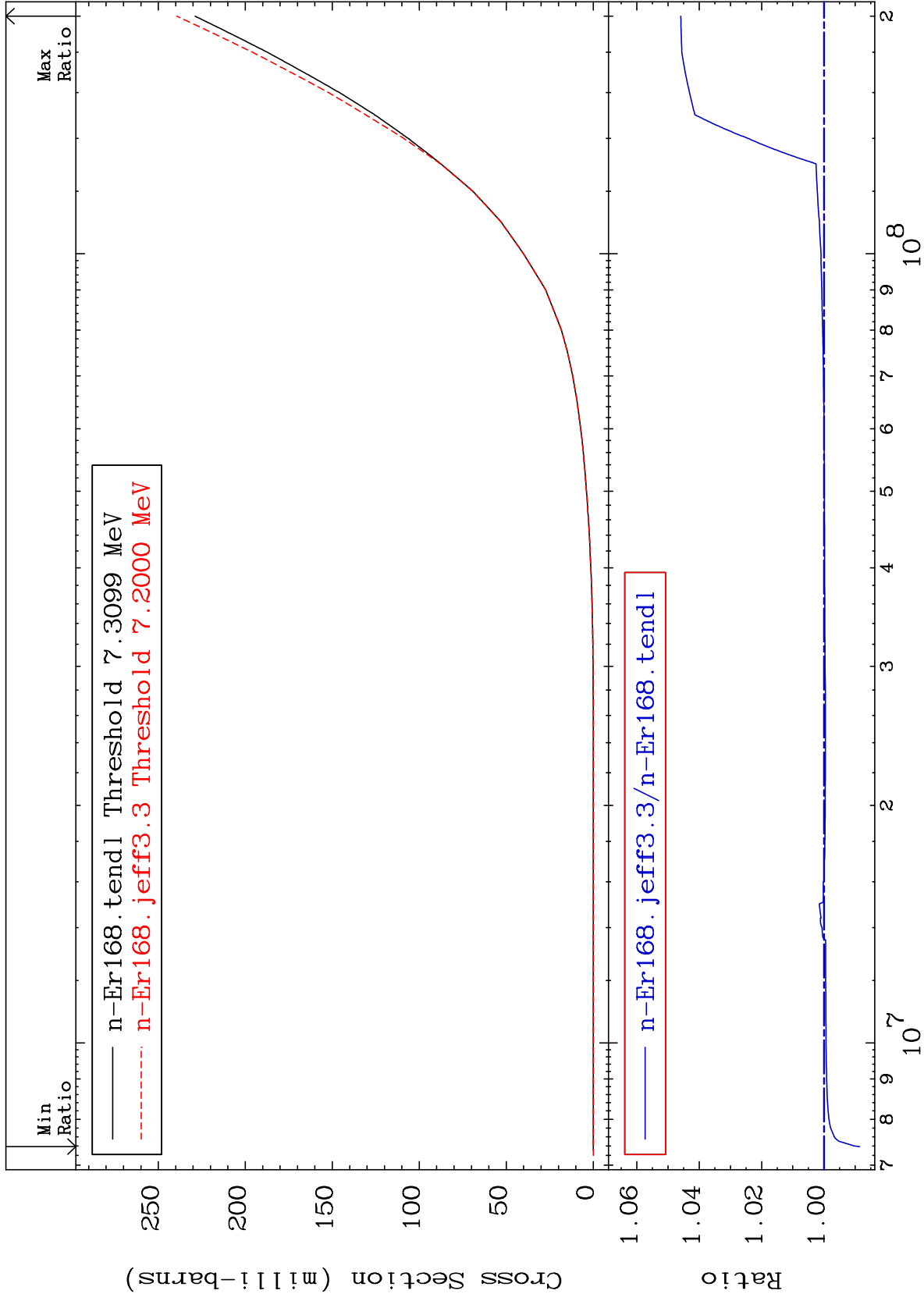
Incident Energy (eV)

68-Er-168

MAT 6843

He-3 Production
Cross Section

68-Er-168
-1.138 To 4.590 %



63

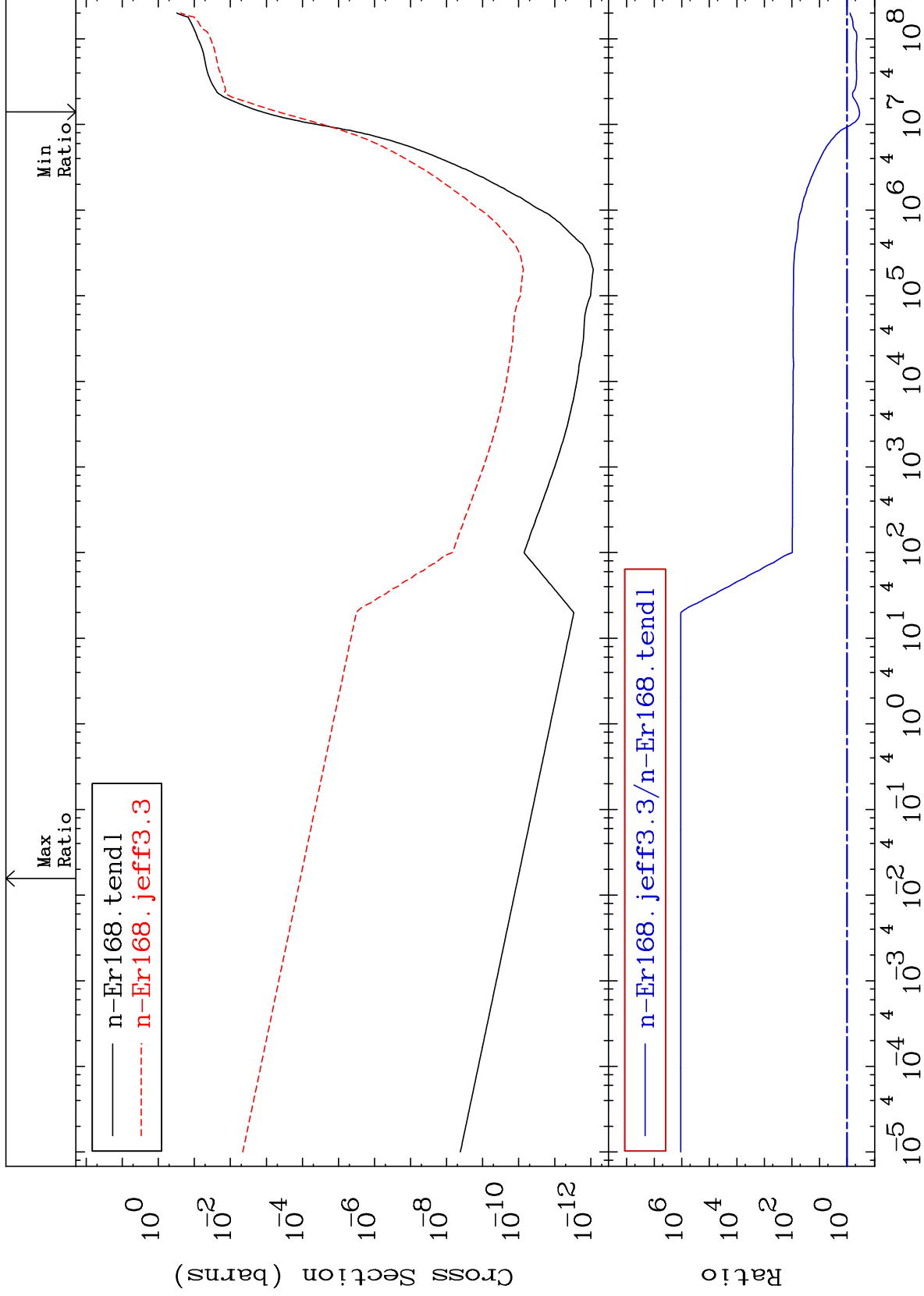
Incident Energy (eV)

68-Er-168

MAT 6843

He-4 Production
Cross Section

68-Er-168
-64.73 To 9999. %



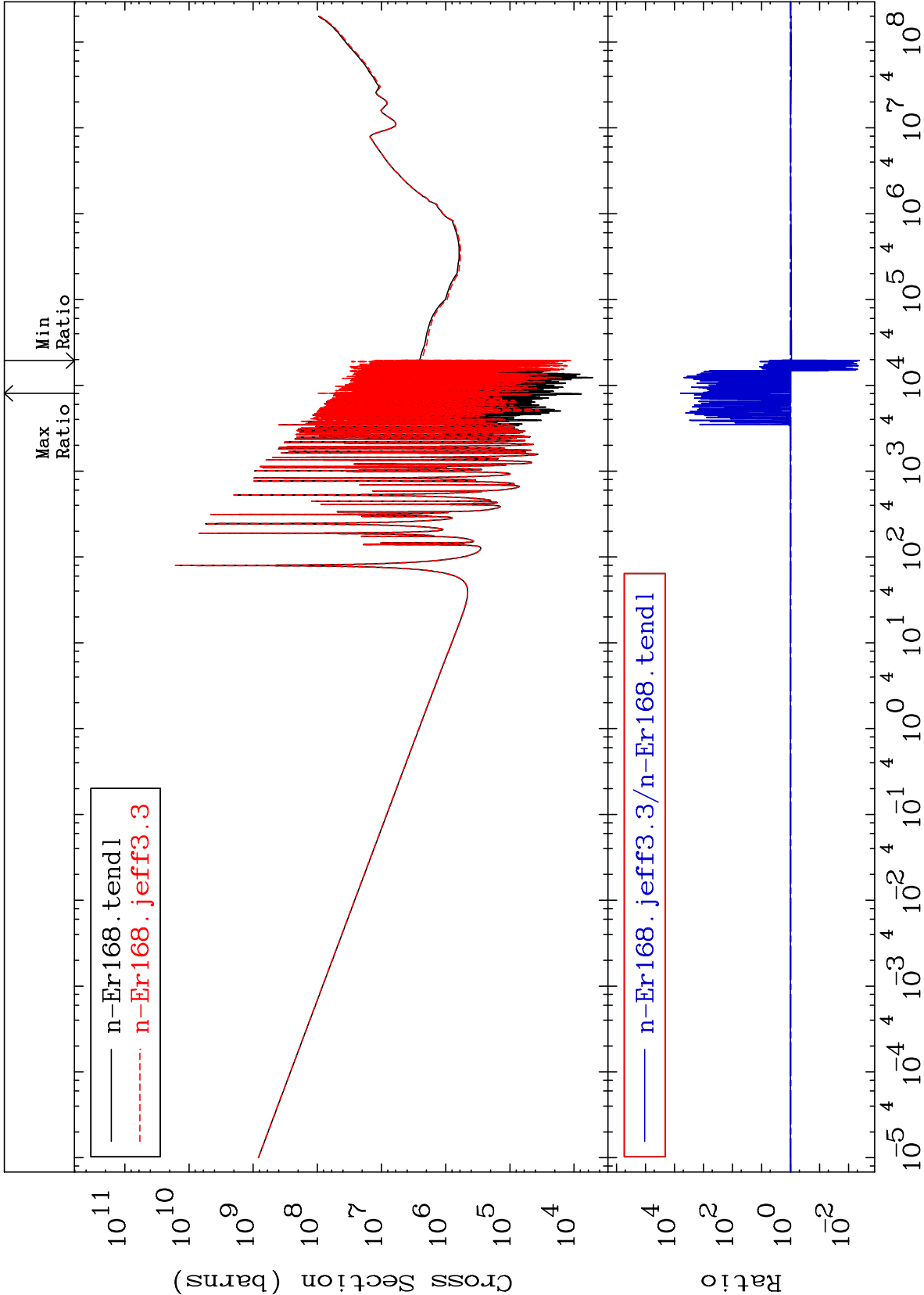
64

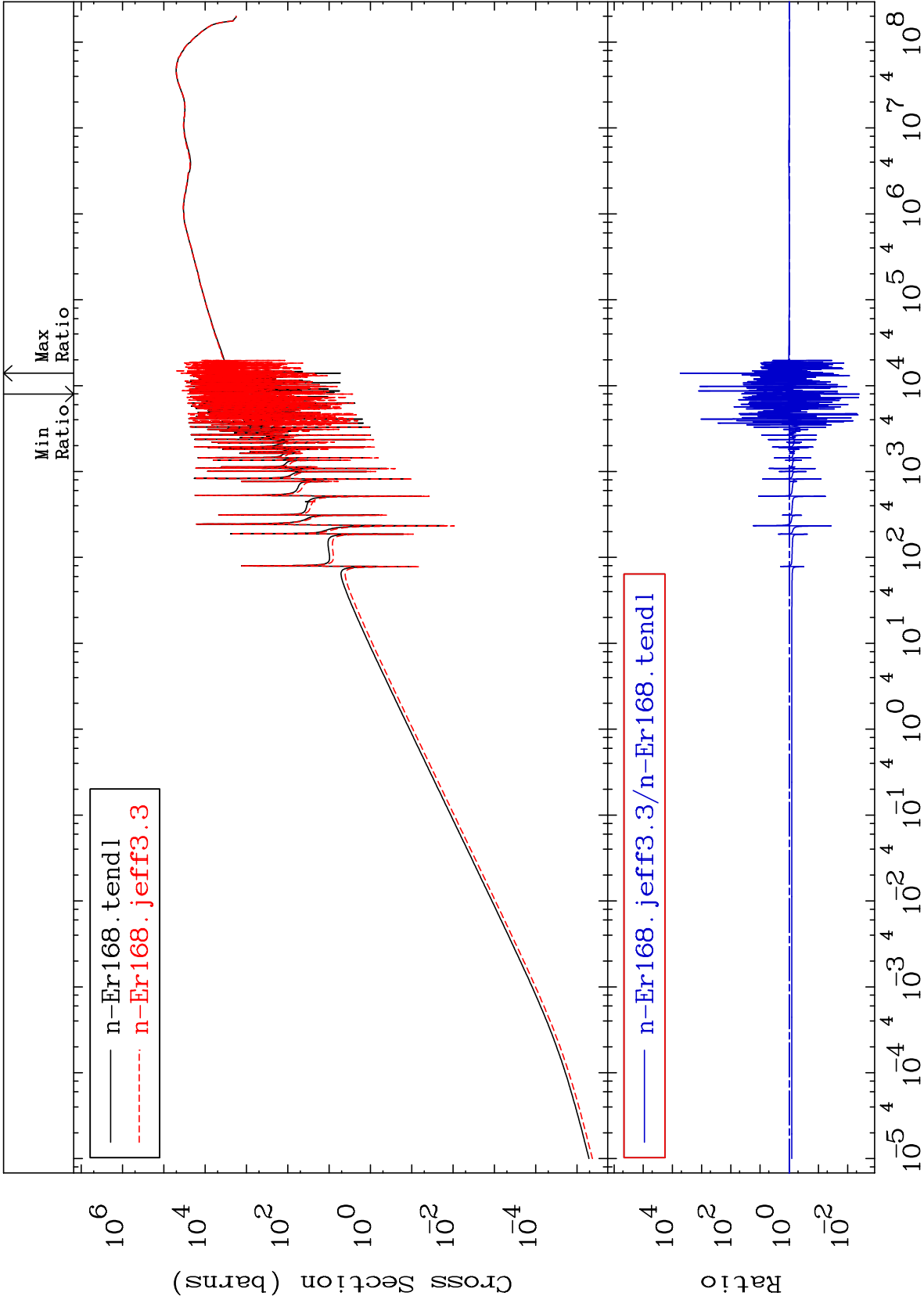
Incident Energy (eV)

68-Er-168

Cross Section

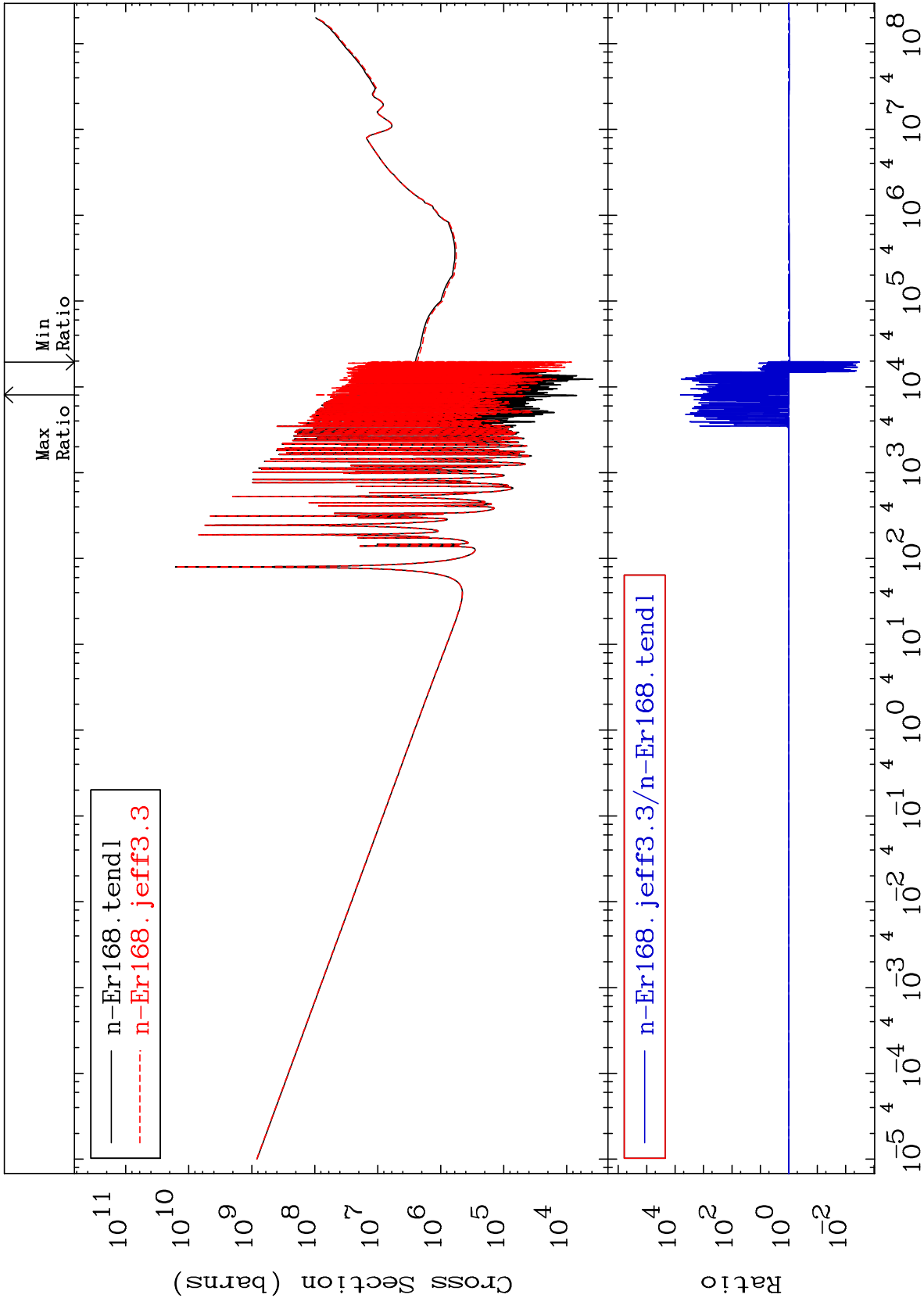
-99.58 To 9999. %

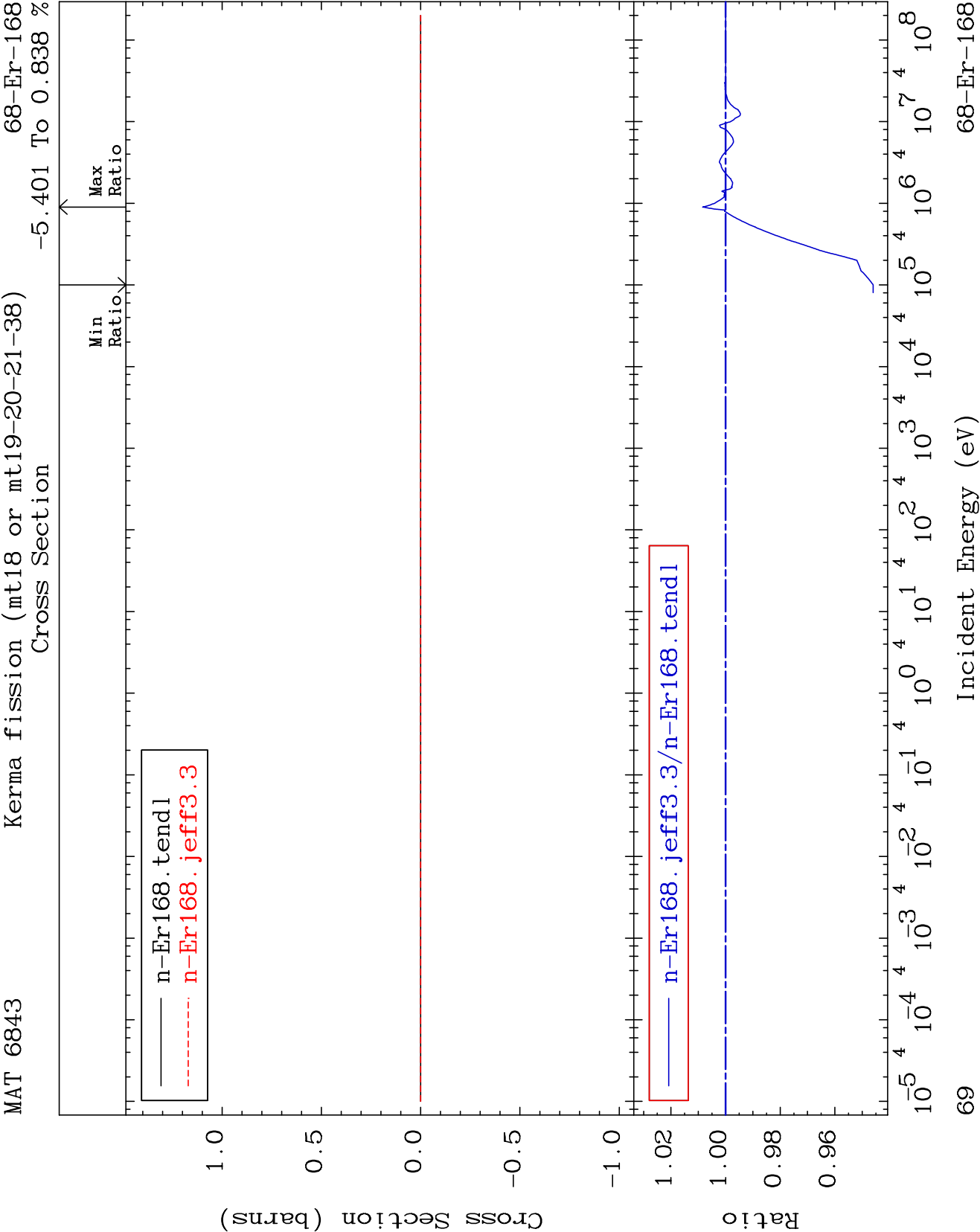


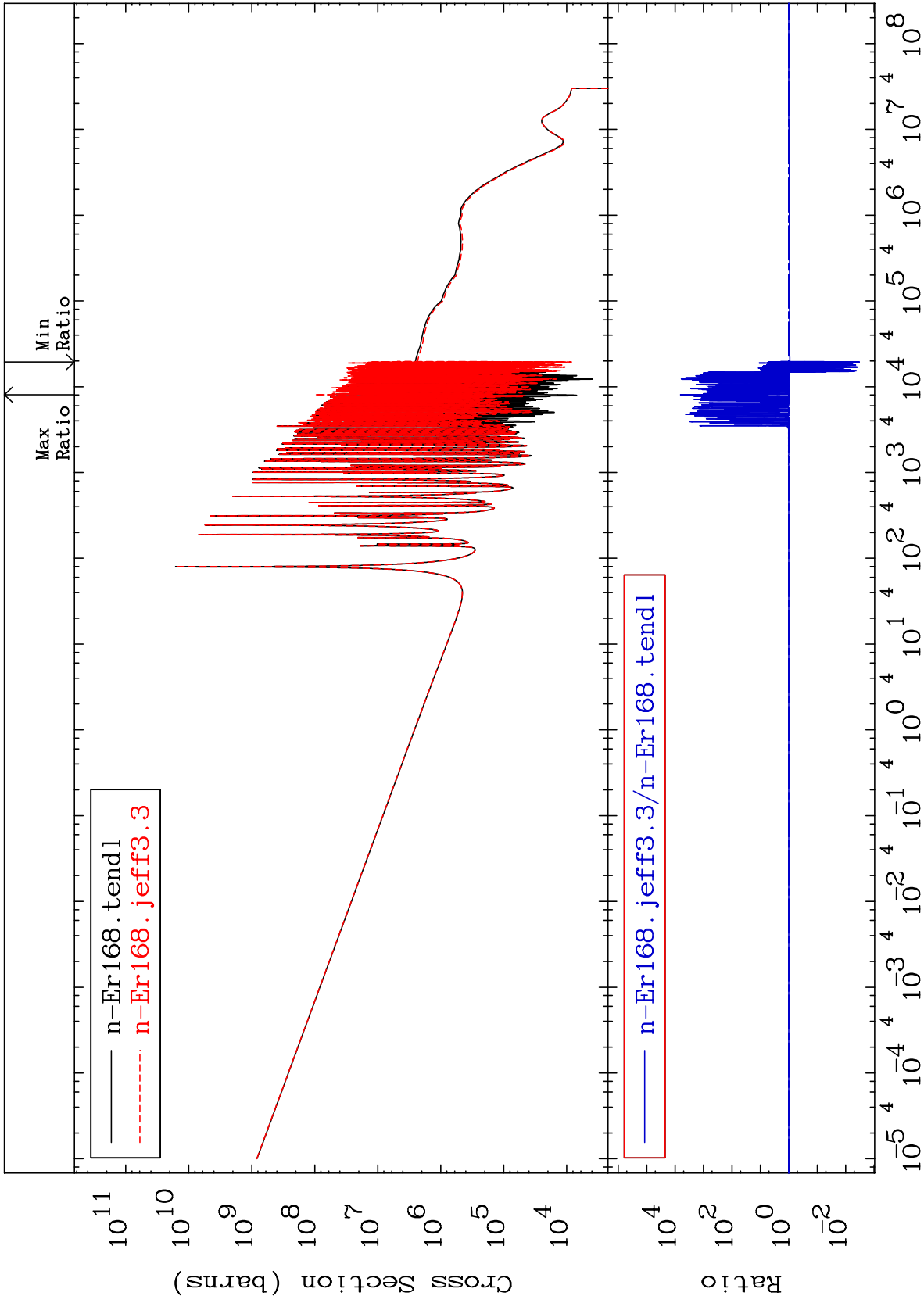


Cross Section

-99.67 To 9999. %

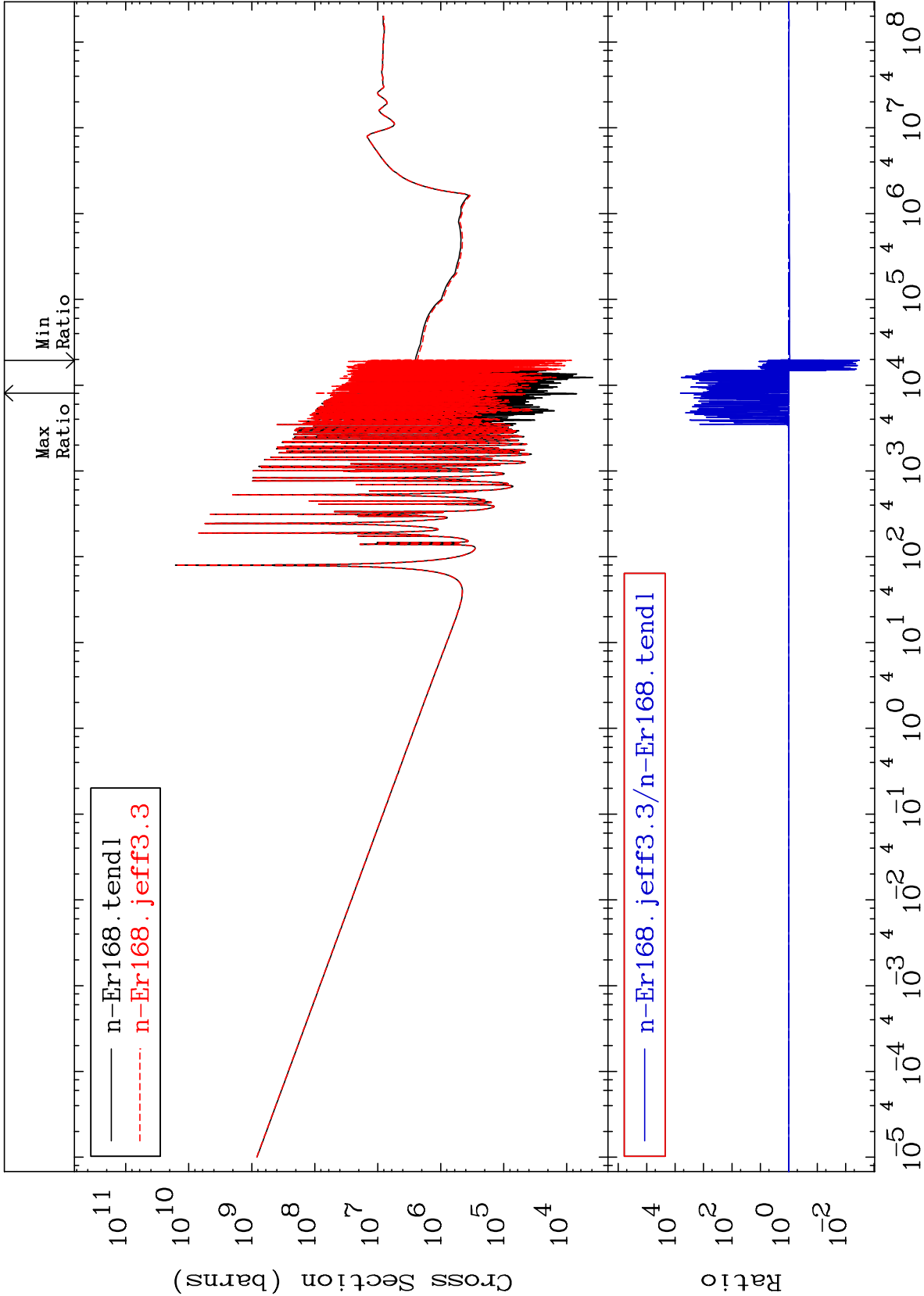






Cross Section

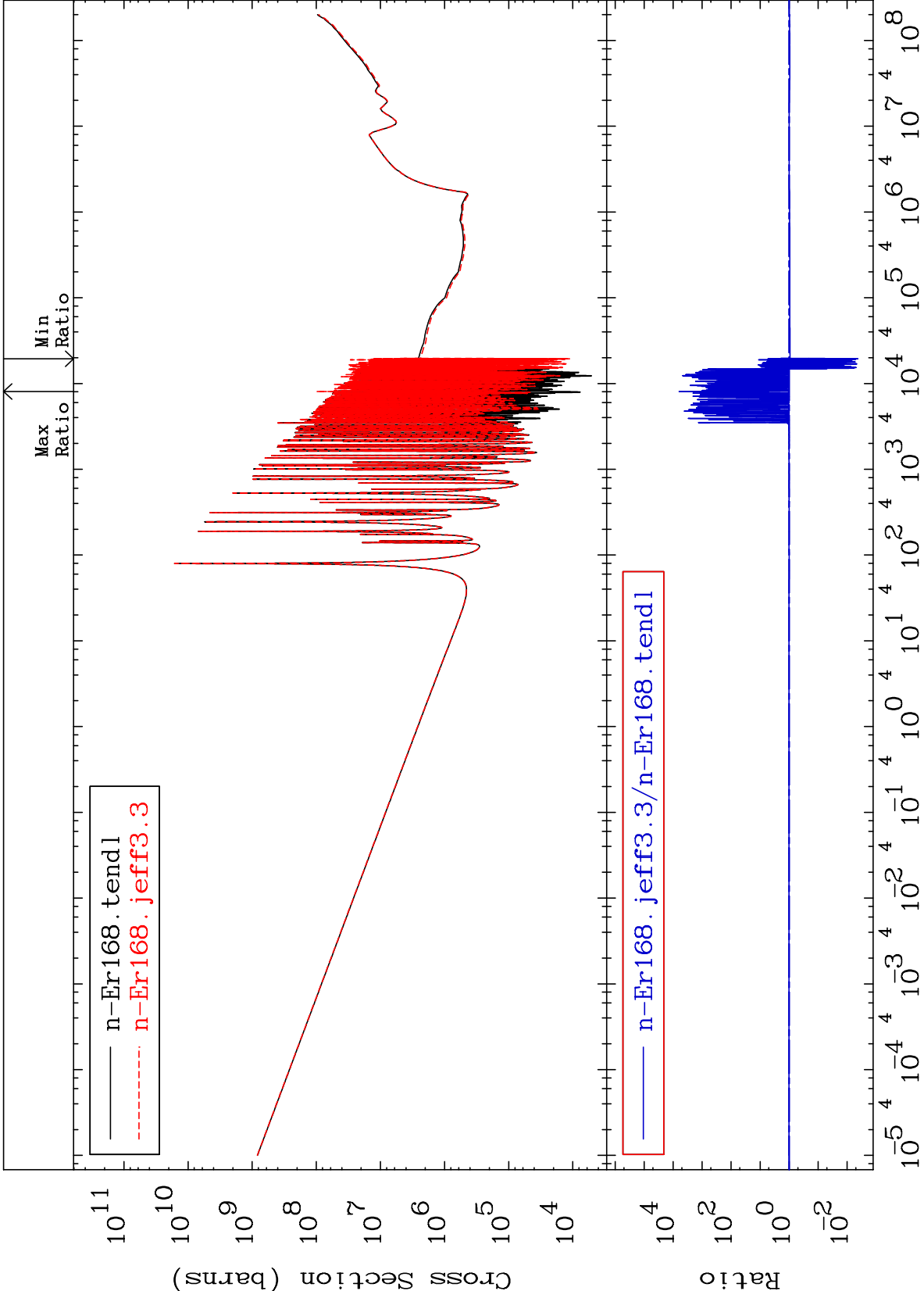
-99.67 To 9999. %



Incident Energy (eV)

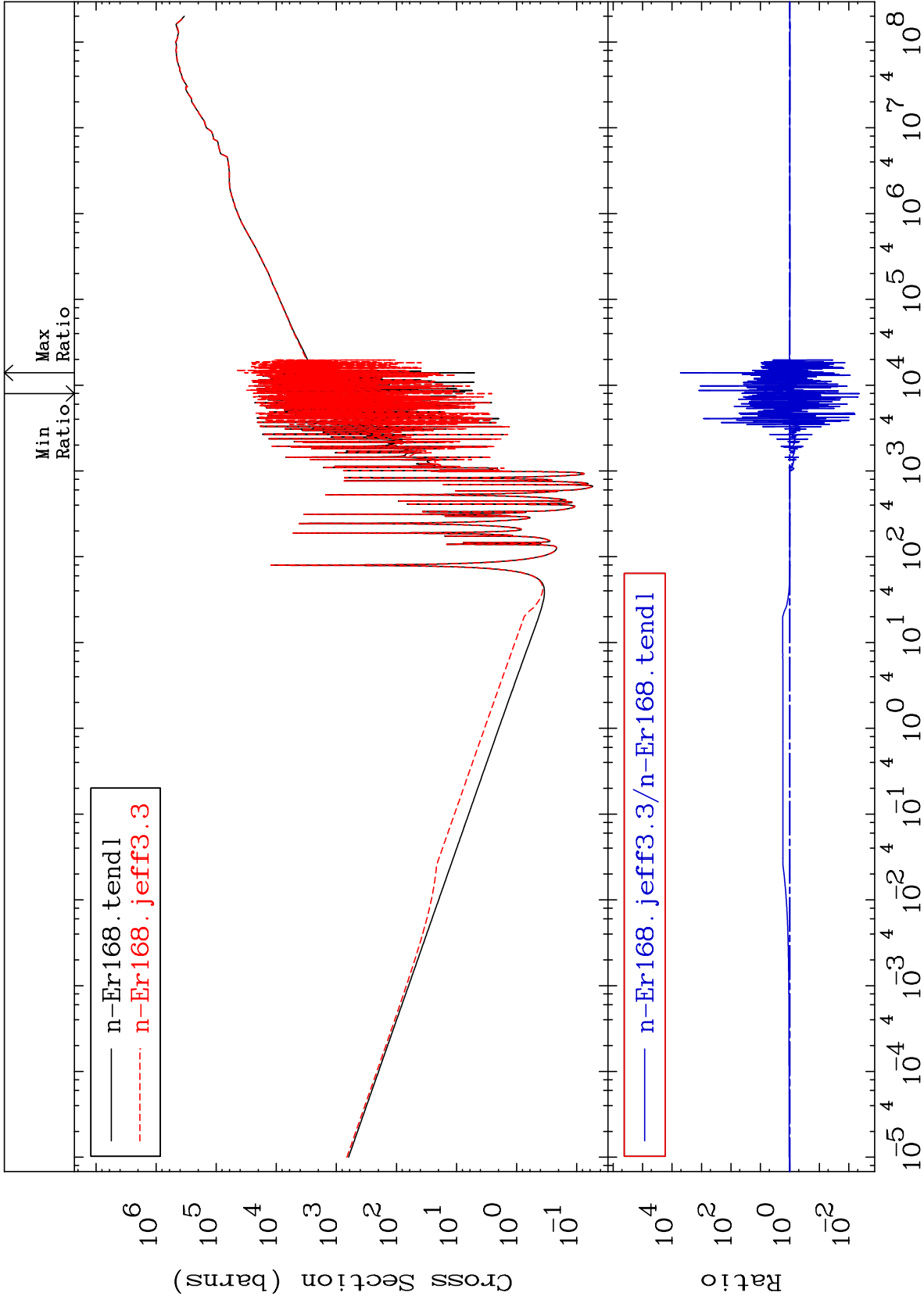
Cross Section

-99.58 To 9999. %



Cross Section

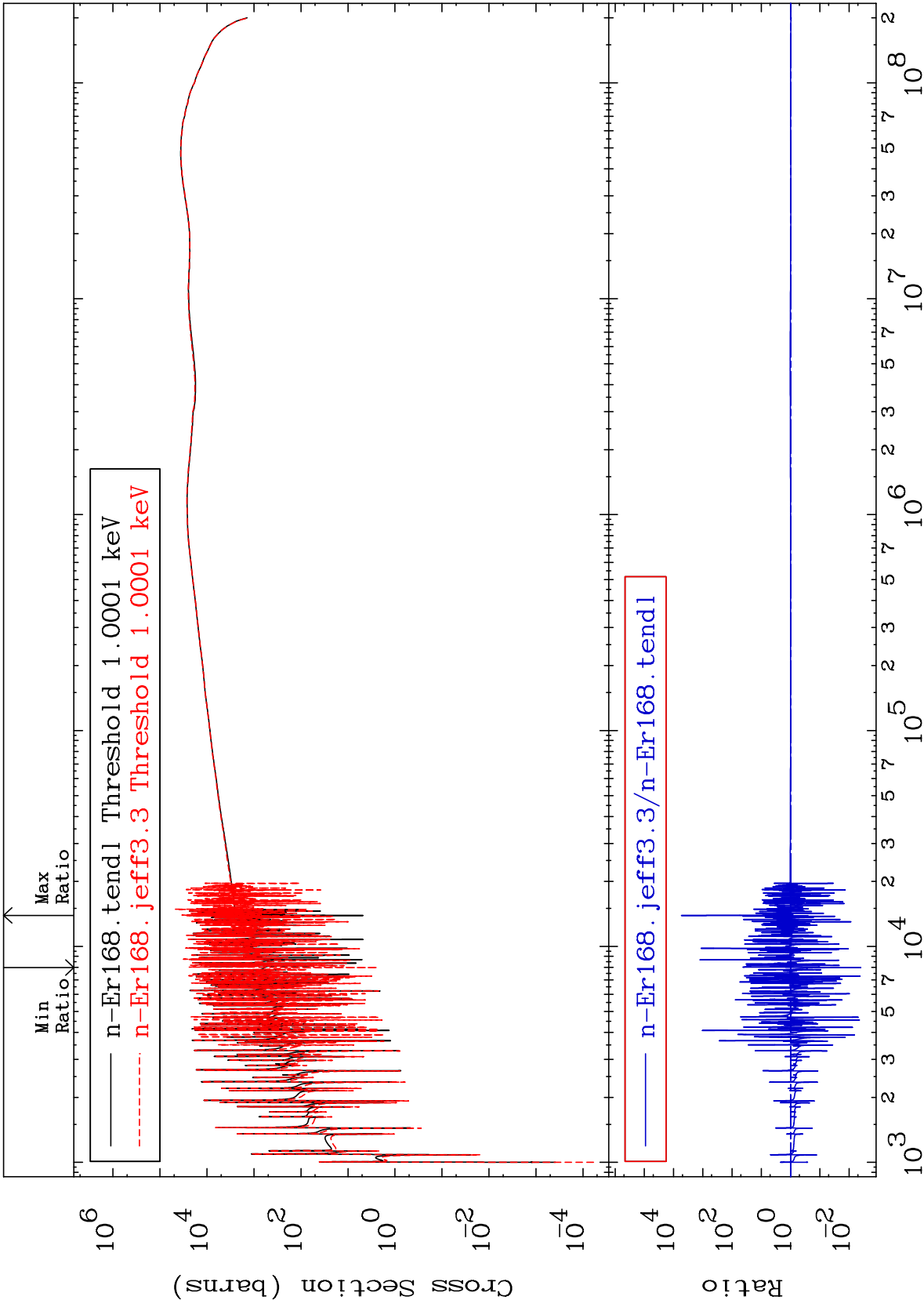
-99.56 To 9999. %



MAT 6843

Dpa elastic (mt2)
Cross Section

68-Er-168
-99.60 To 9999. %



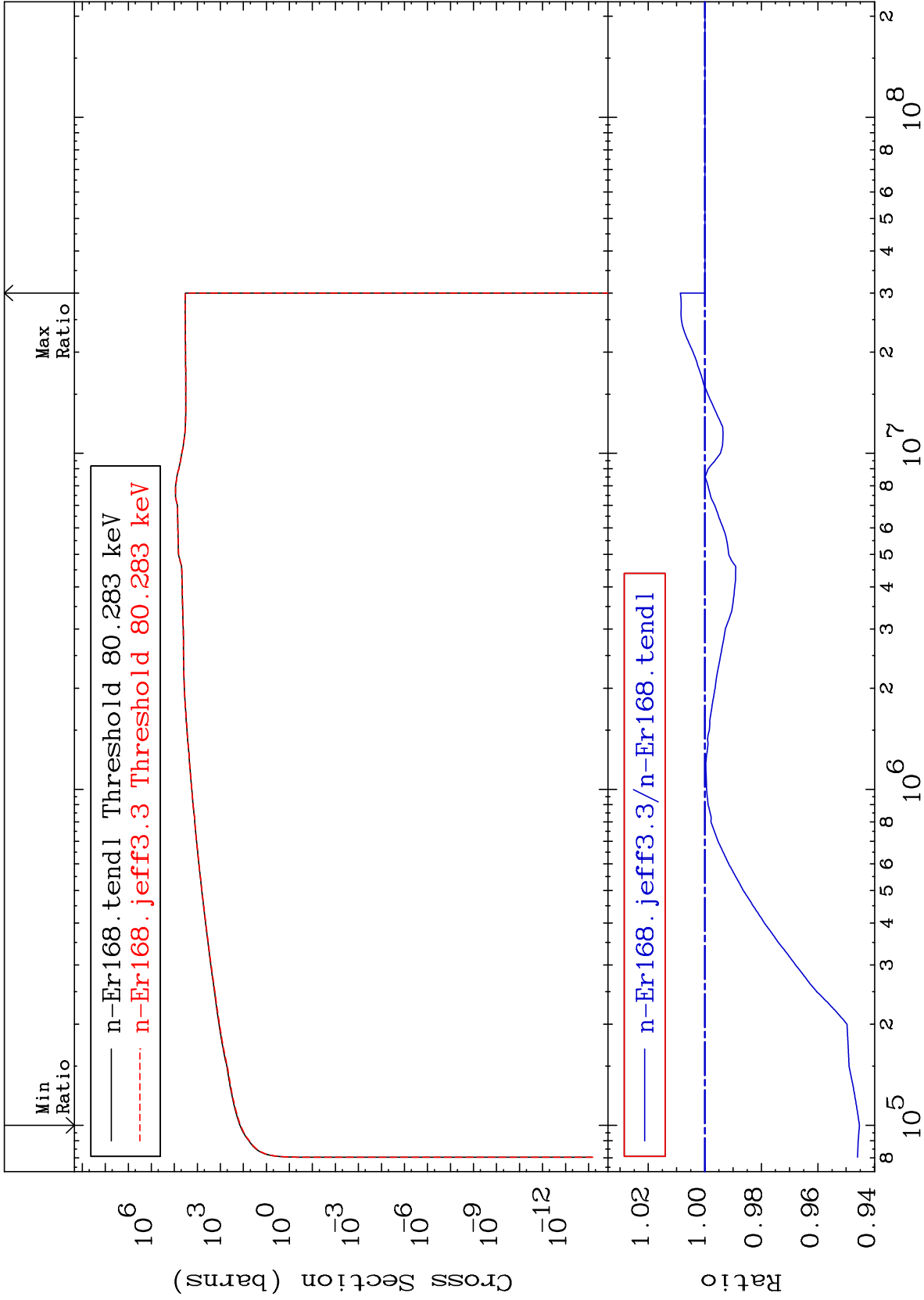
MAT 6843

Dpa inelastic (mt51-91)

68-Er-168

Cross Section

-5.469 To 0.866 %



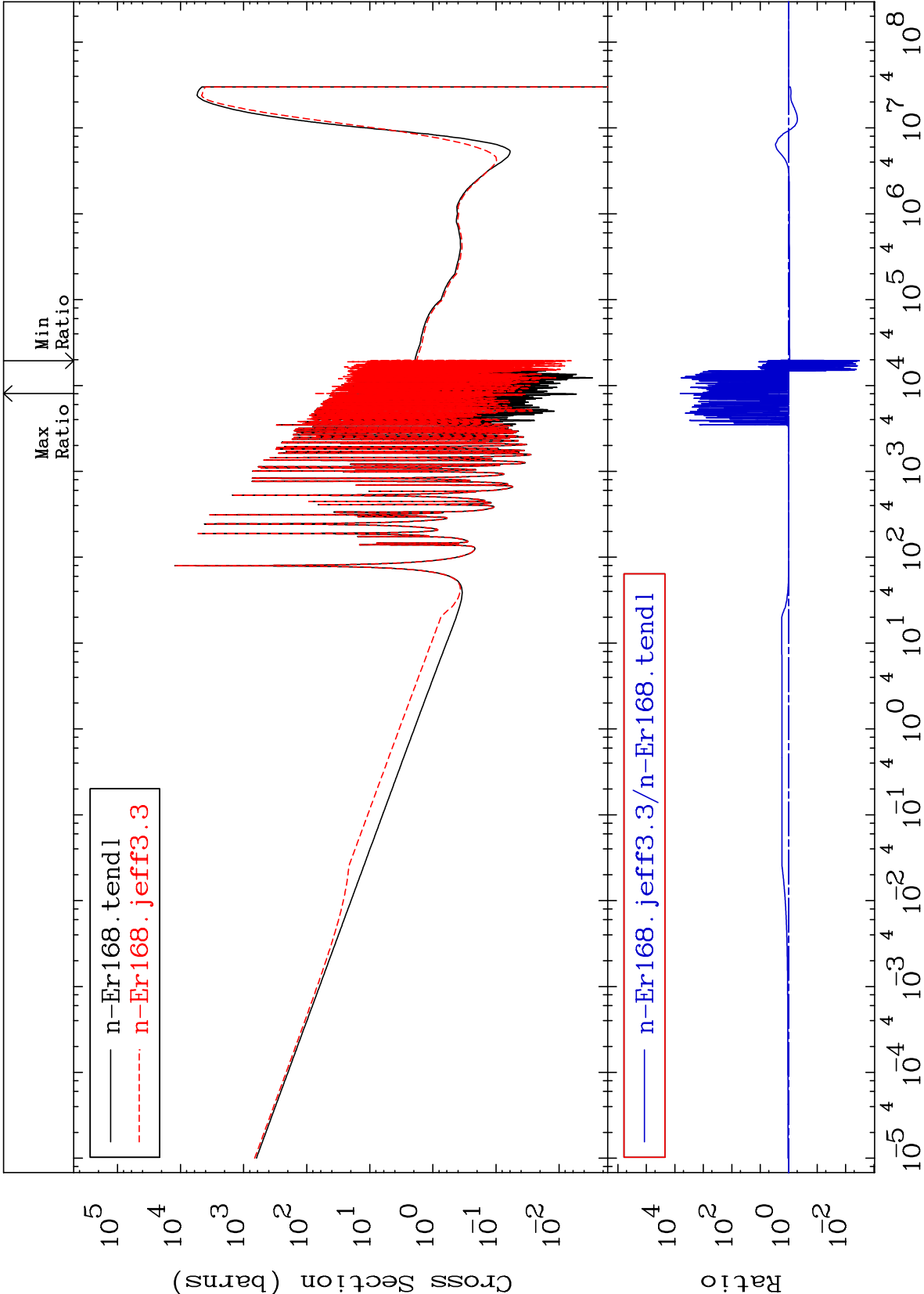
75

Incident Energy (eV)

68-Er-168

Cross Section

-99.67 To 9999. %



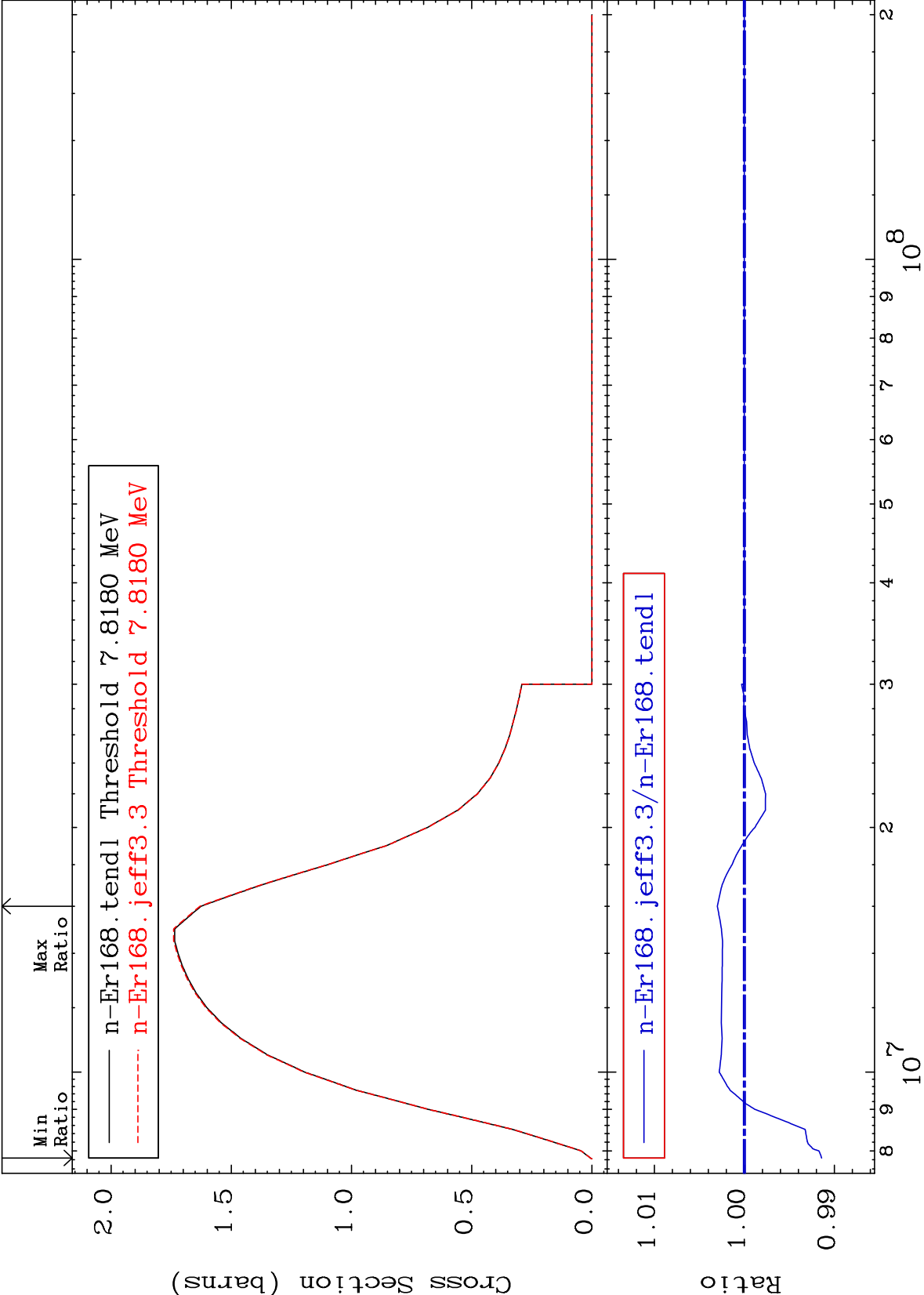
MAT 6843

(n,2n):68-Er-167g

68-Er-168

Radionuclide Production Cross Section

-0.859 To 0.301 %



77

Incident Energy (eV)

68-Er-168

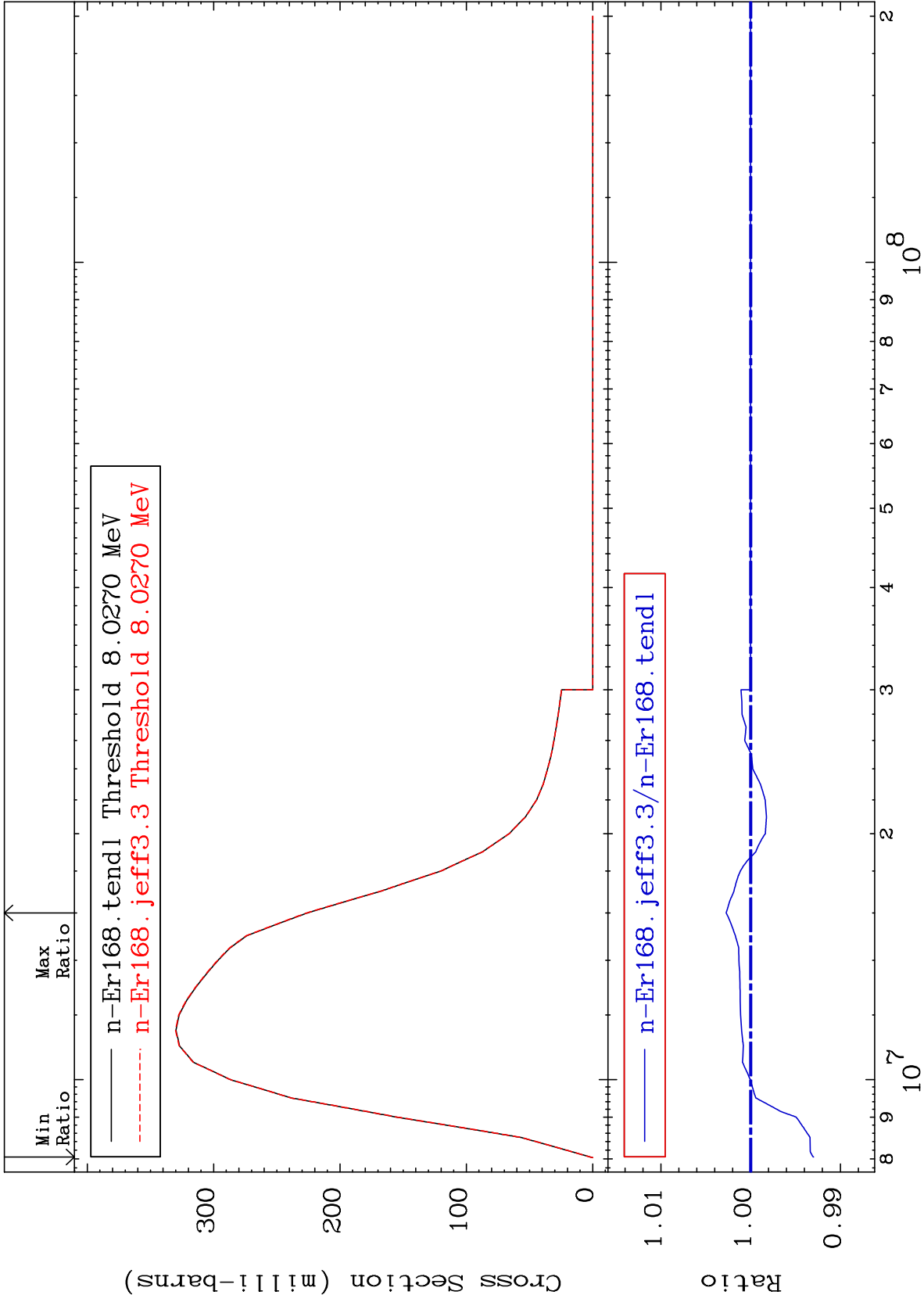
MAT 6843

(n,2n):68-Er-167m3

68-Er-168

Radionuclide Production Cross Section

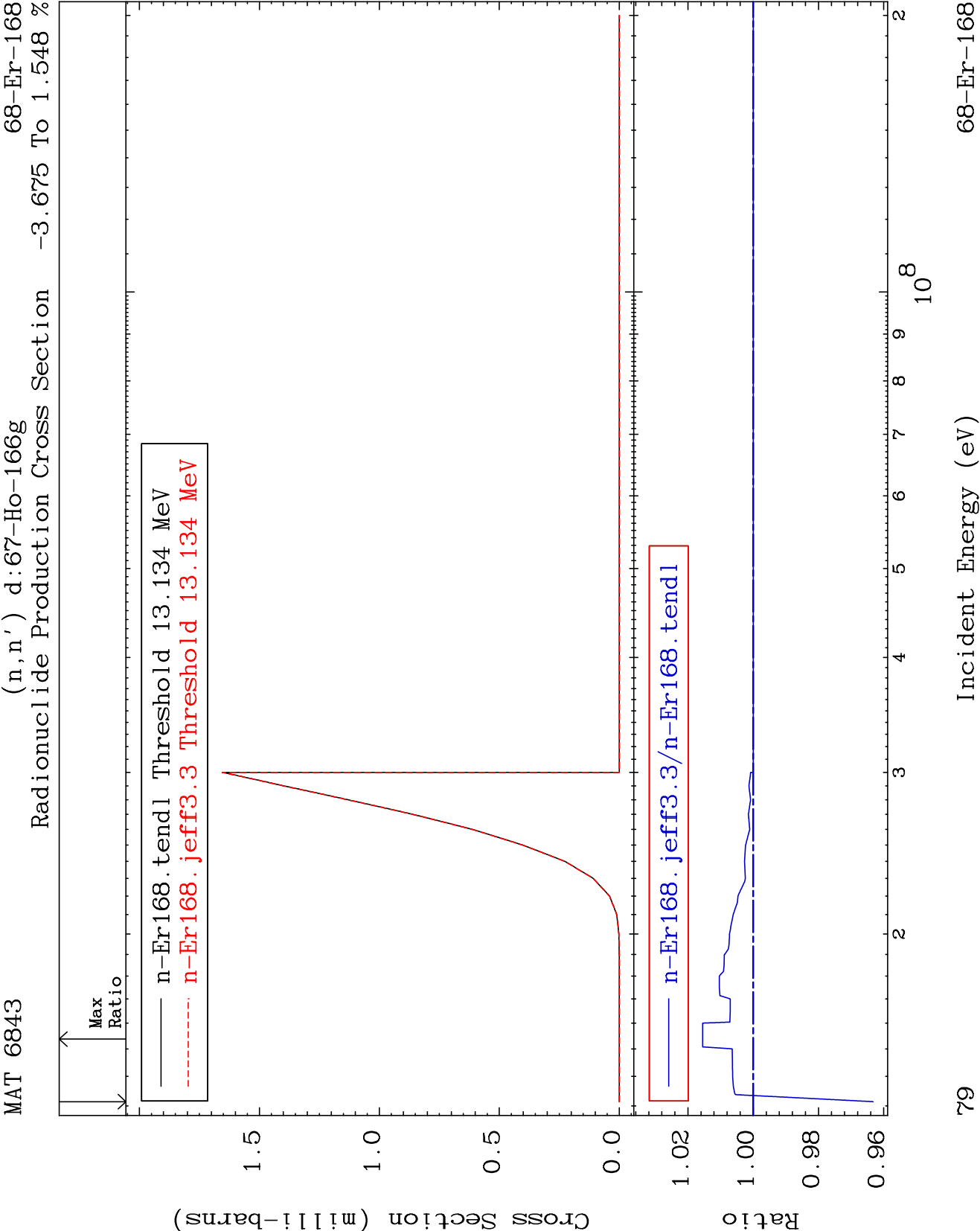
-0.702 To 0.272 %



78

Incident Energy (eV)

68-Er-168



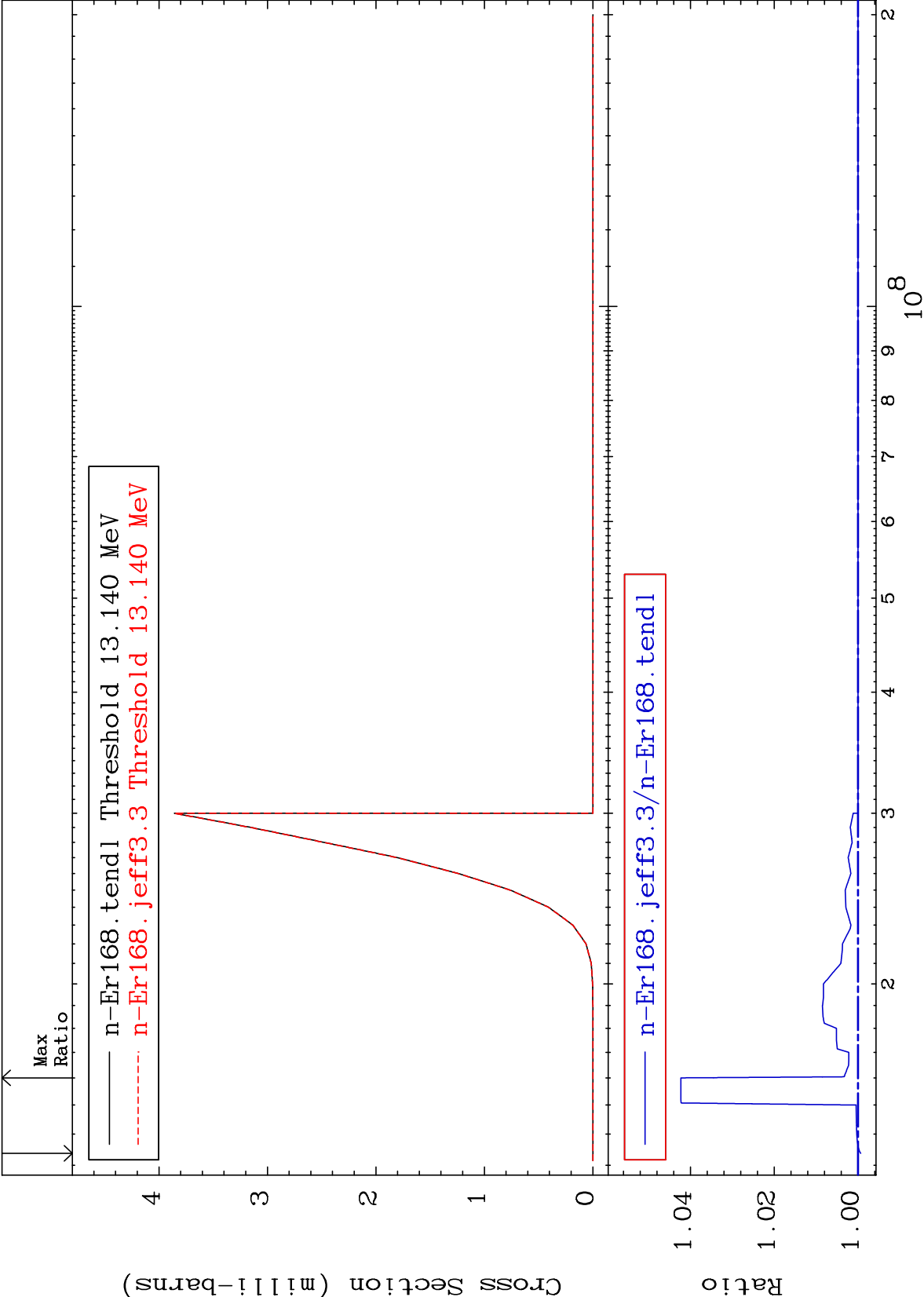
MAT 6843

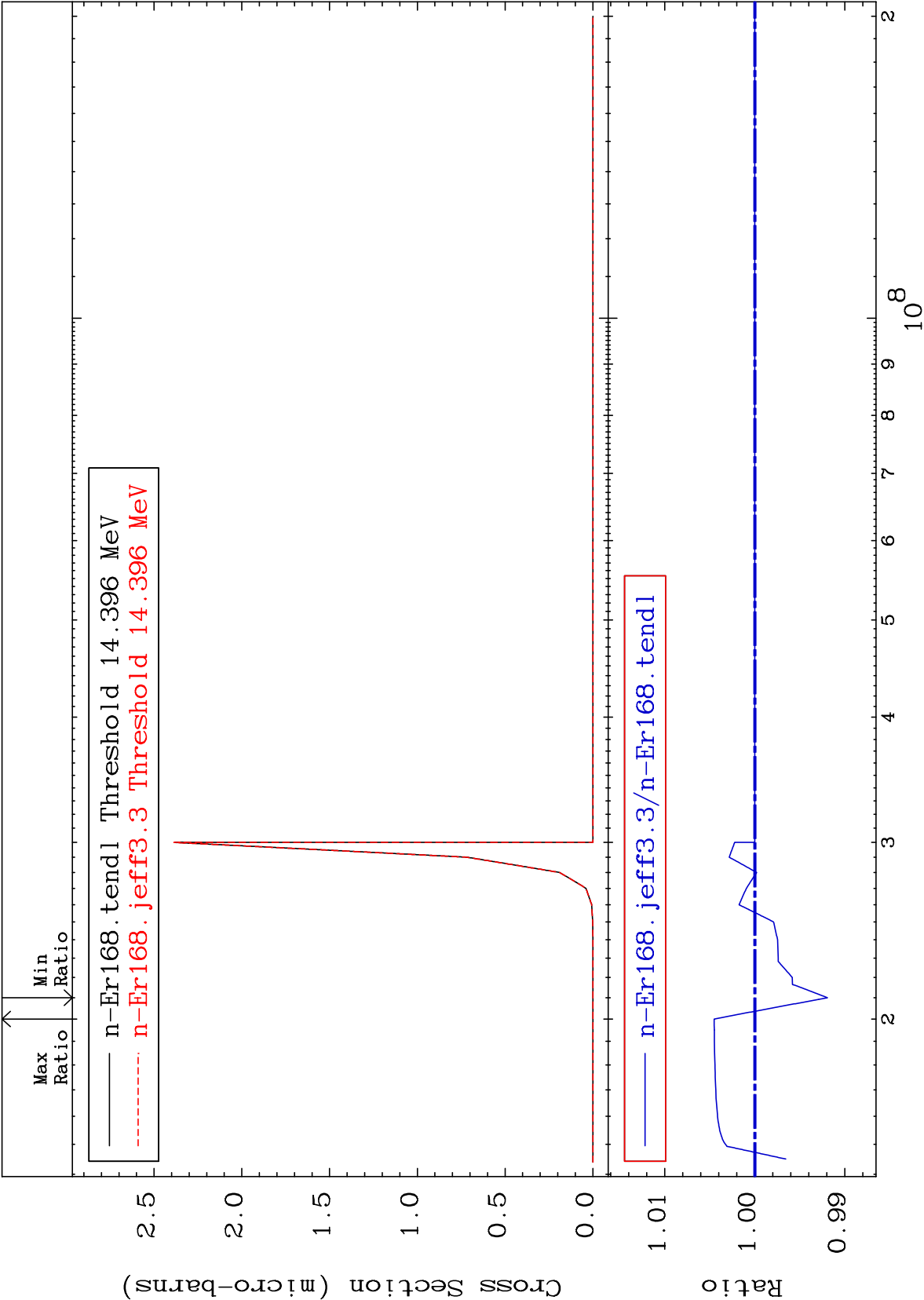
(n,n') d:67-Ho-166m1

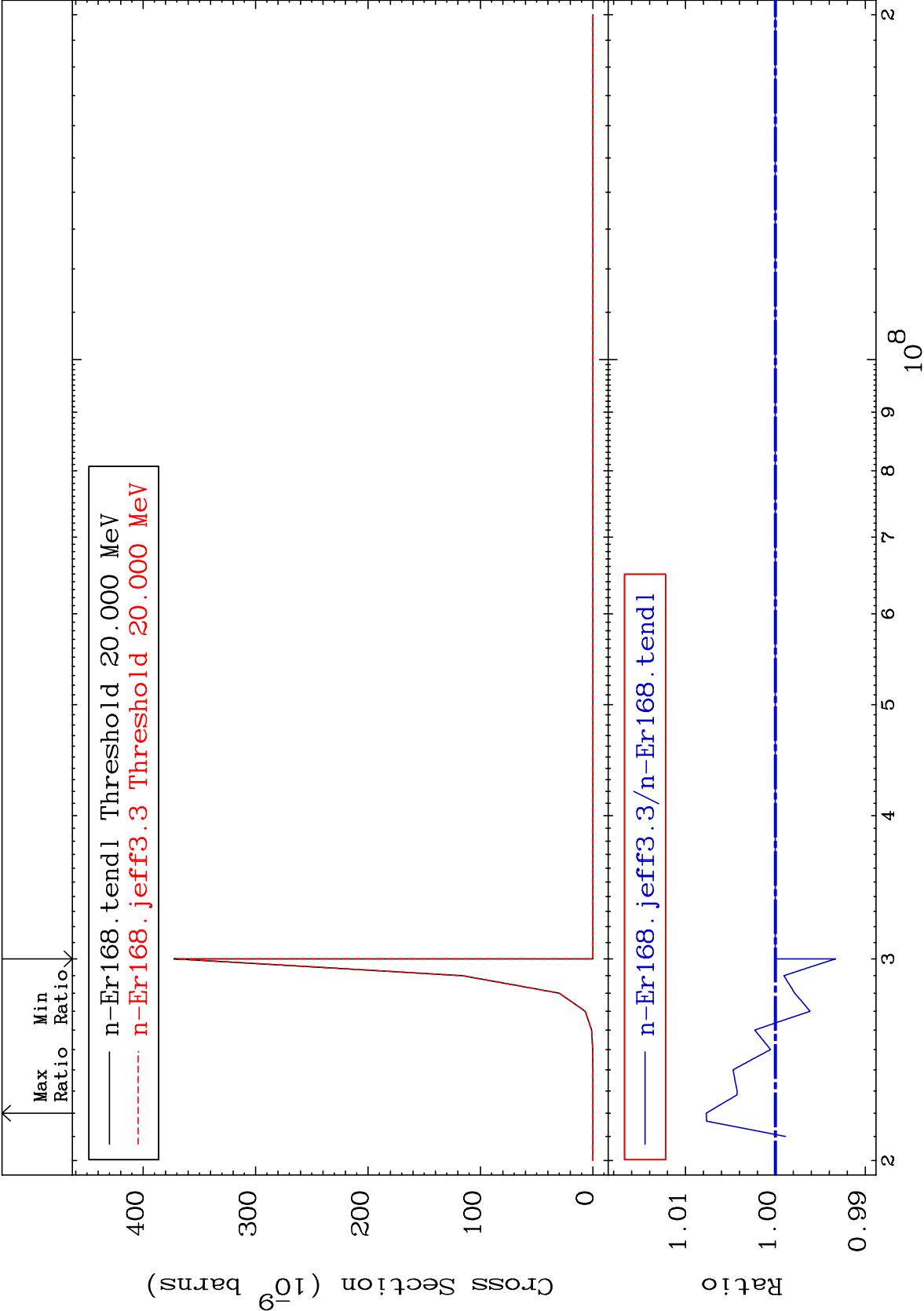
68-Er-168

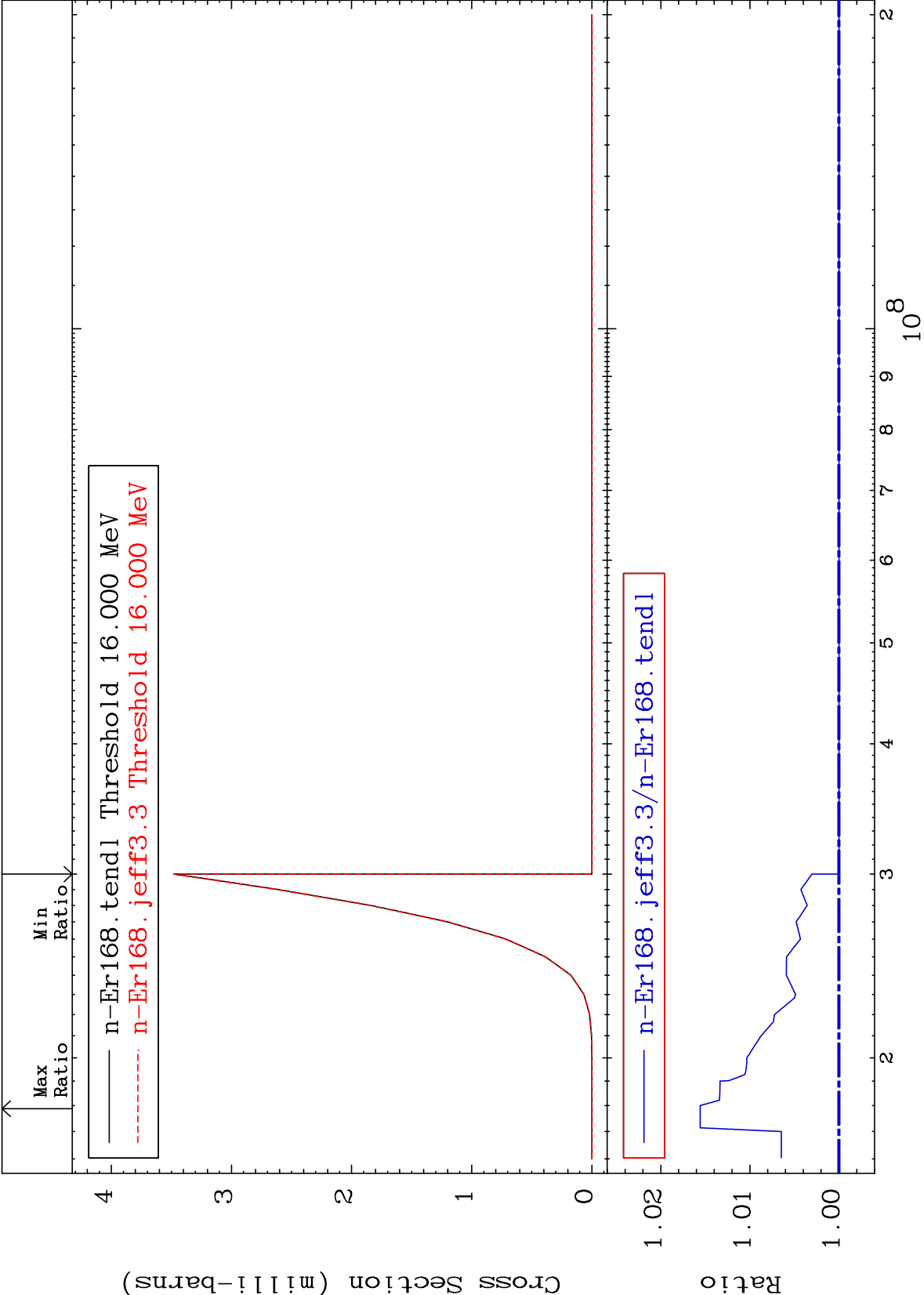
Radionuclide Production Cross Section

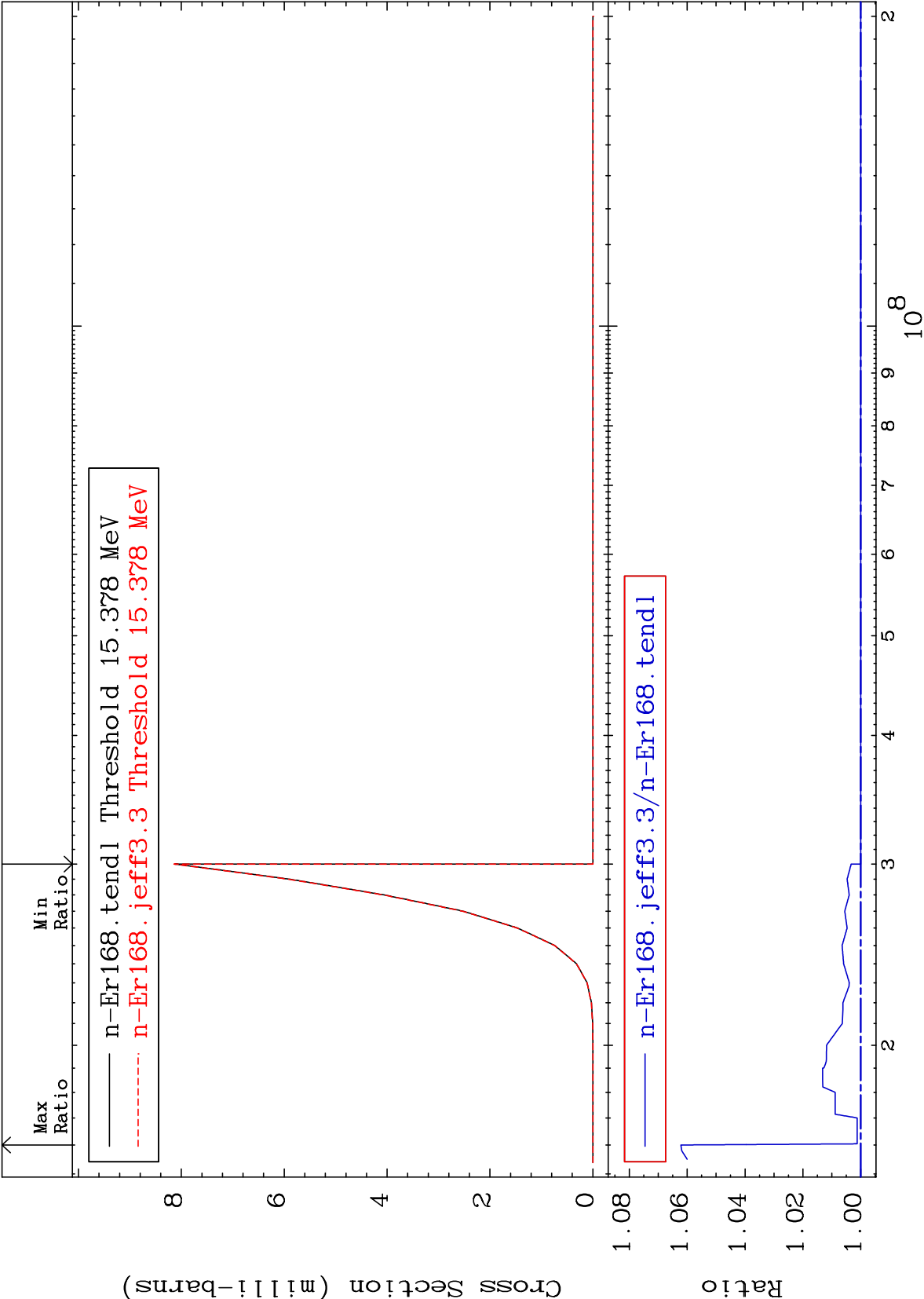
-0.065 To 4.229 %











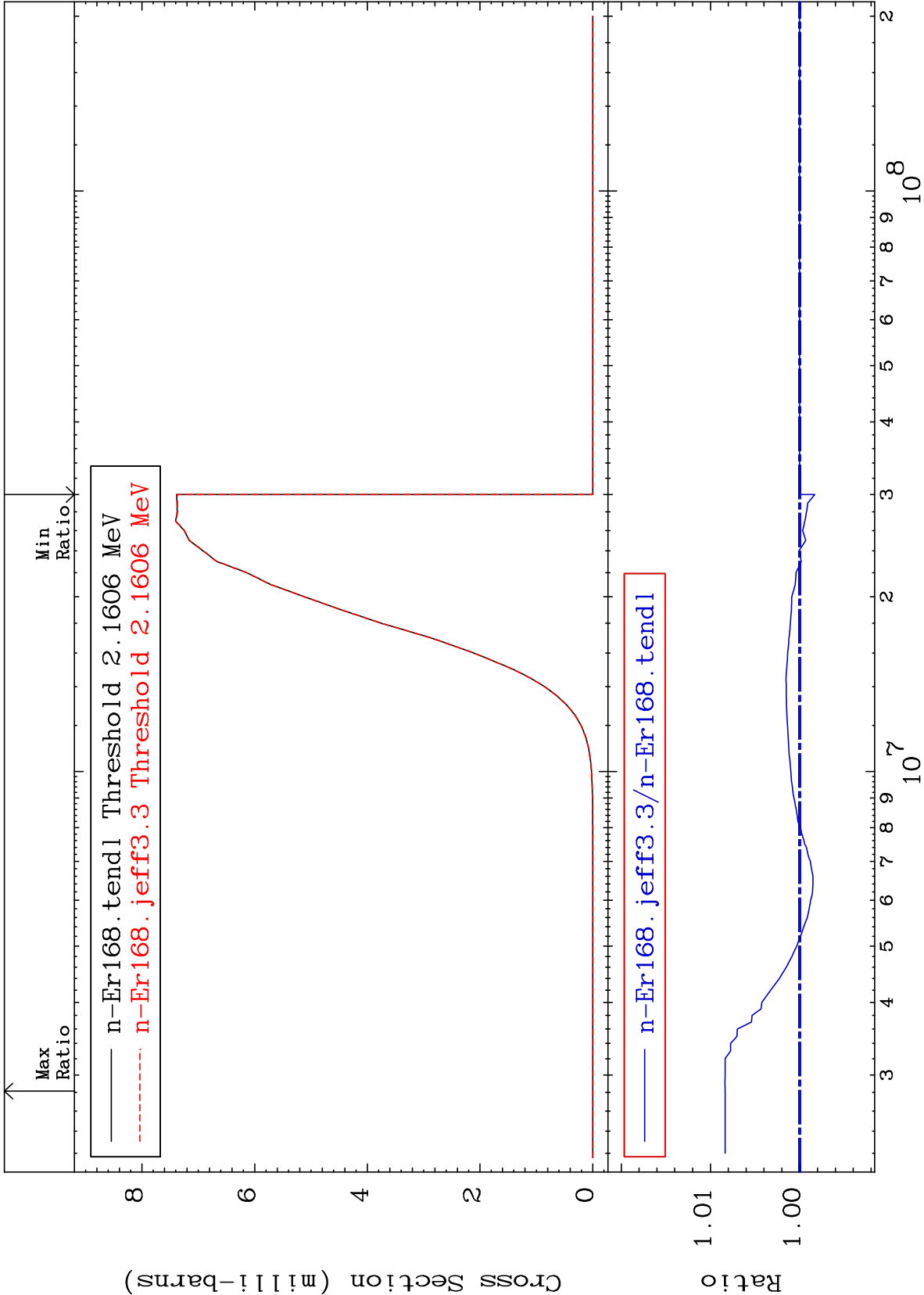
MAT 6843

(n,p):67-Ho-168g

68-Er-168

Radionuclide Production Cross Section

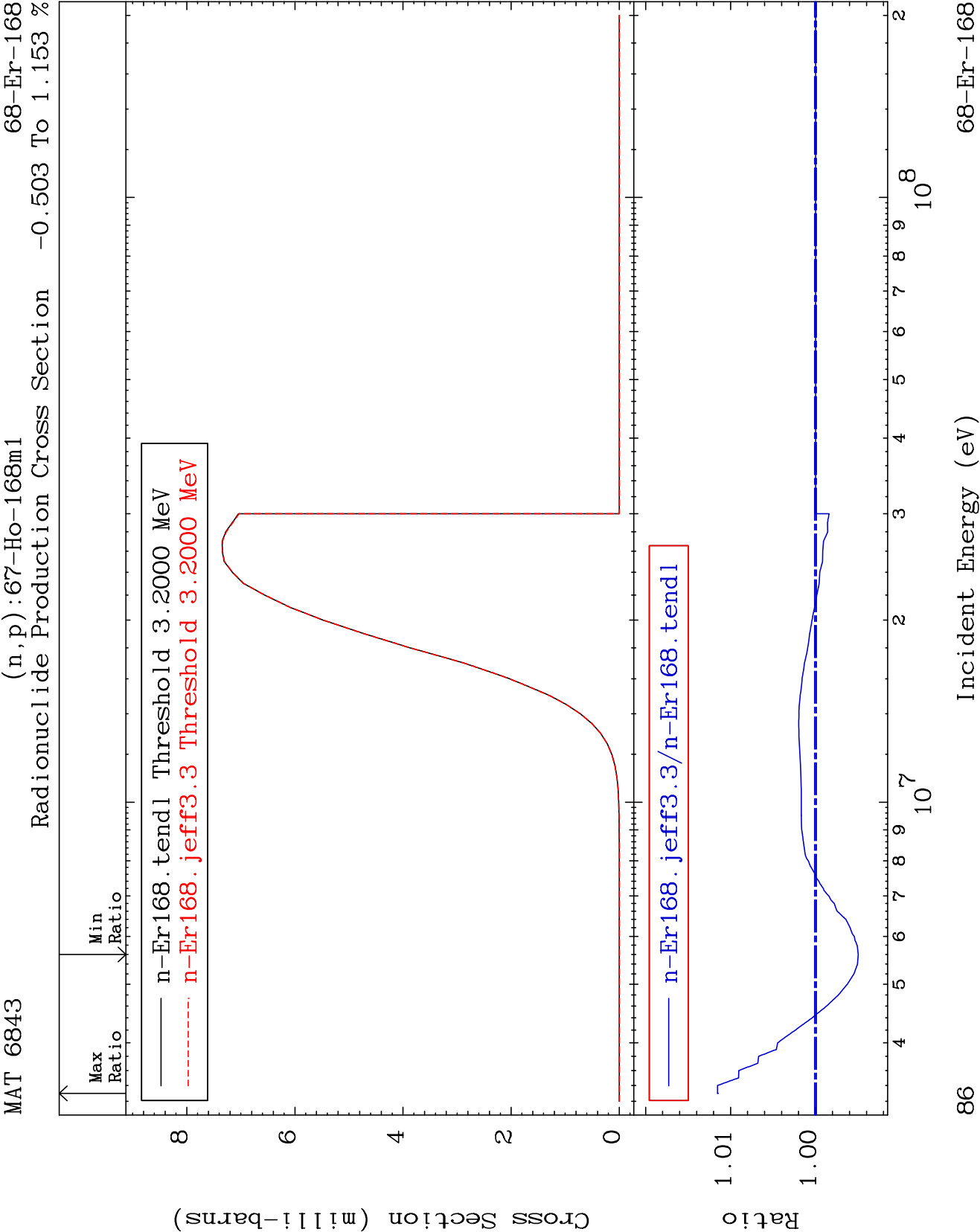
-0.169 To 0.837 %



85

Incident Energy (eV)

68-Er-168



(n,t):67-Ho-166g
Radionuclide Production Cross Section -4.850 To 0.000 %

