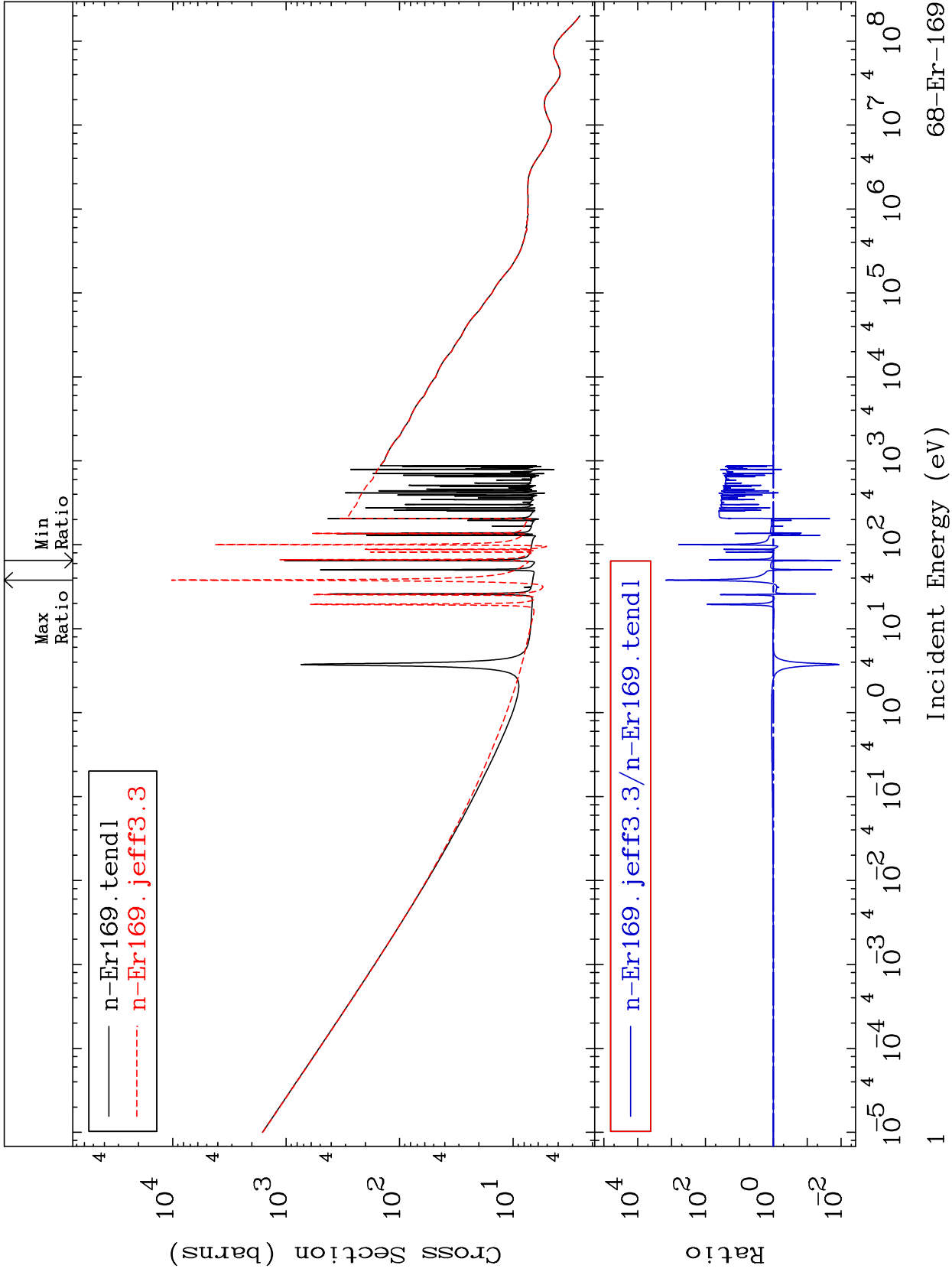


MAT 6846

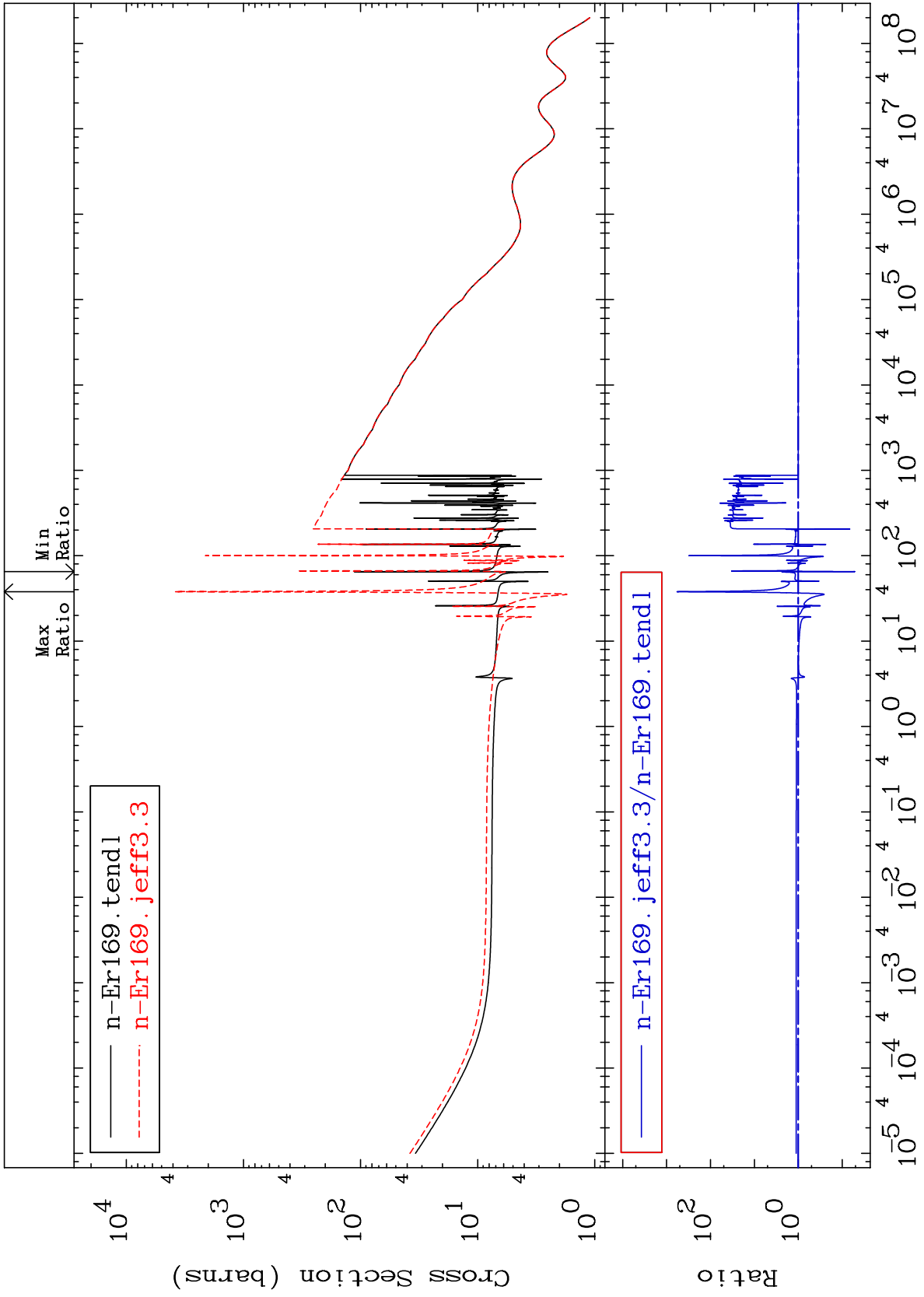
Total Cross Section
68-Er-169
-98.97 To 9999. %



68-Er-169

MAT 6846

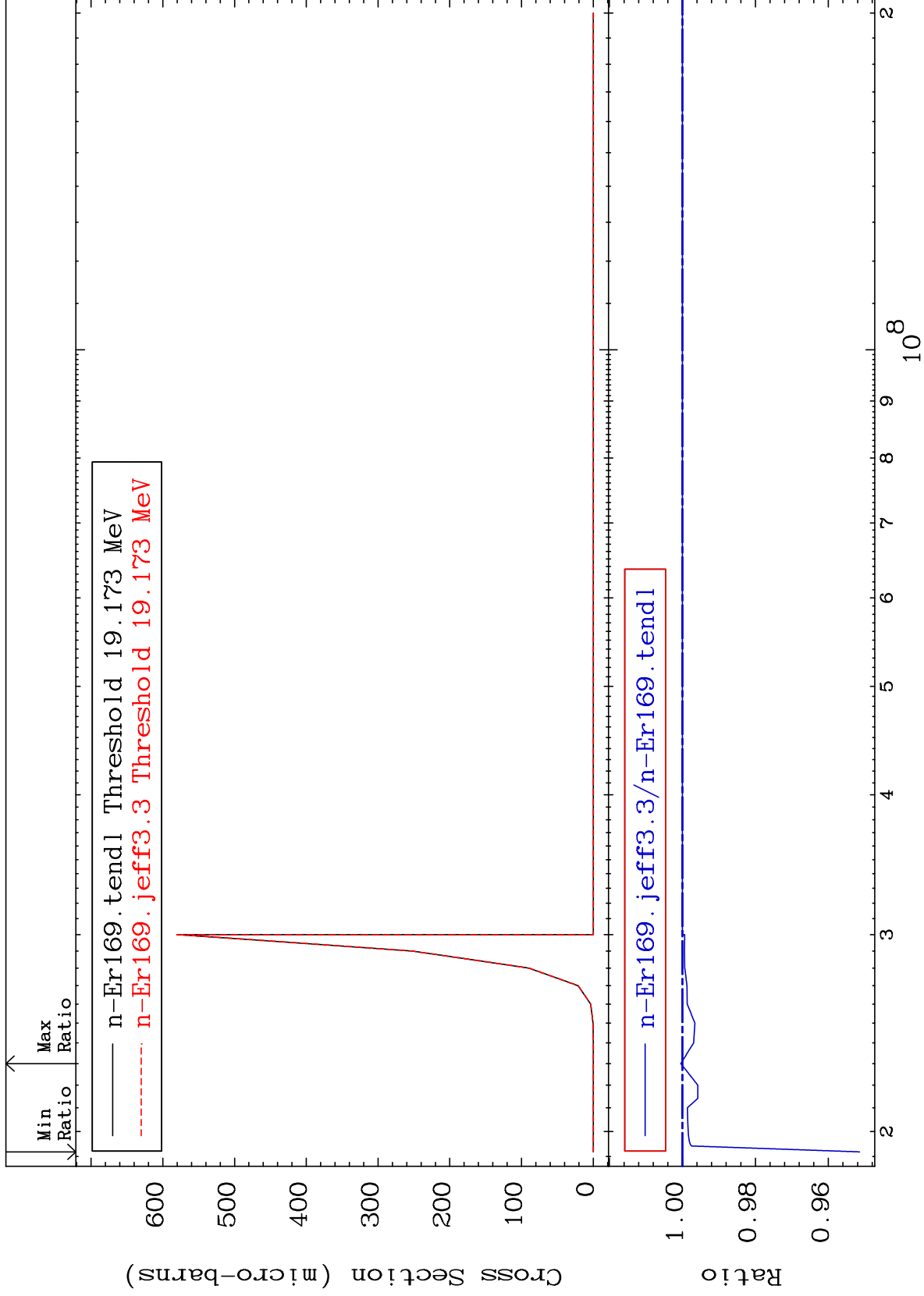
Elastic Cross Section
68-Er-169
-94.90 To 9999. %



MAT 6846

(n,2n) d
Cross Section

68-Er-169
-4.854 To 0.045 %



MAT 6846

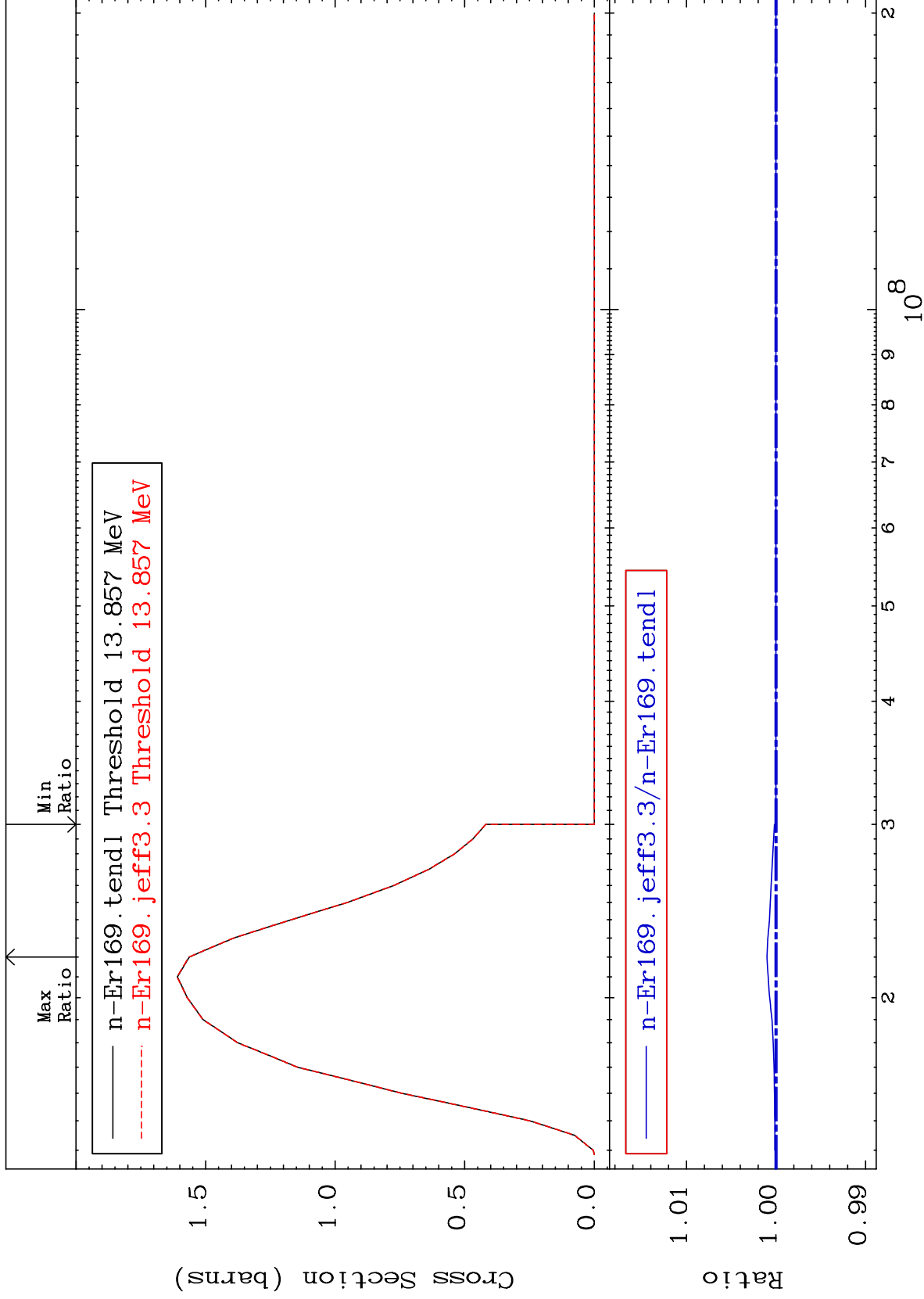
(n,3n)

68-Er-169

Cross Section

0.000

To 0.102 %



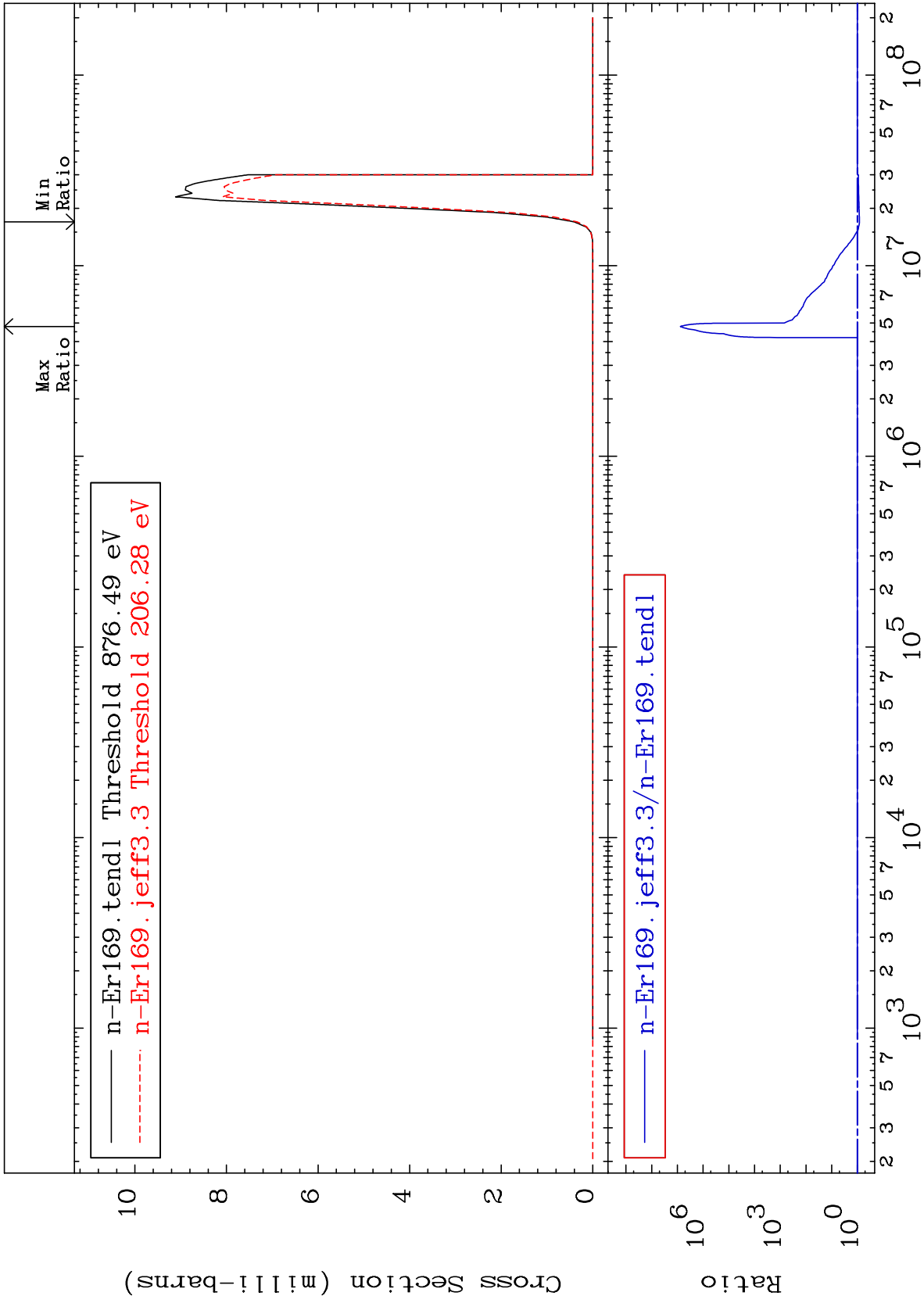
MAT 6846

(n, n') α

68-Er-169

Cross Section

-16.58 To 9999. %



5

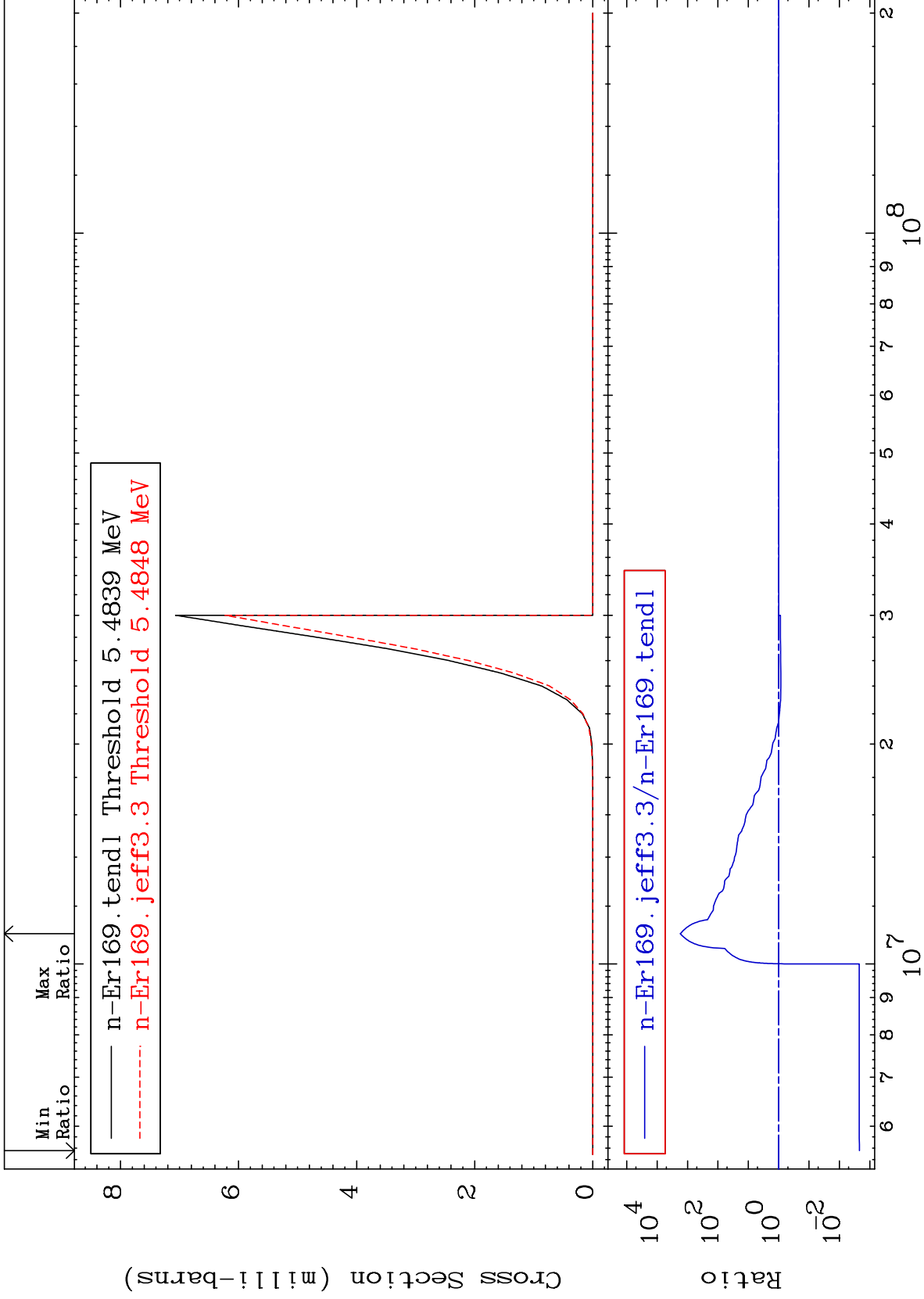
Incident Energy (eV)

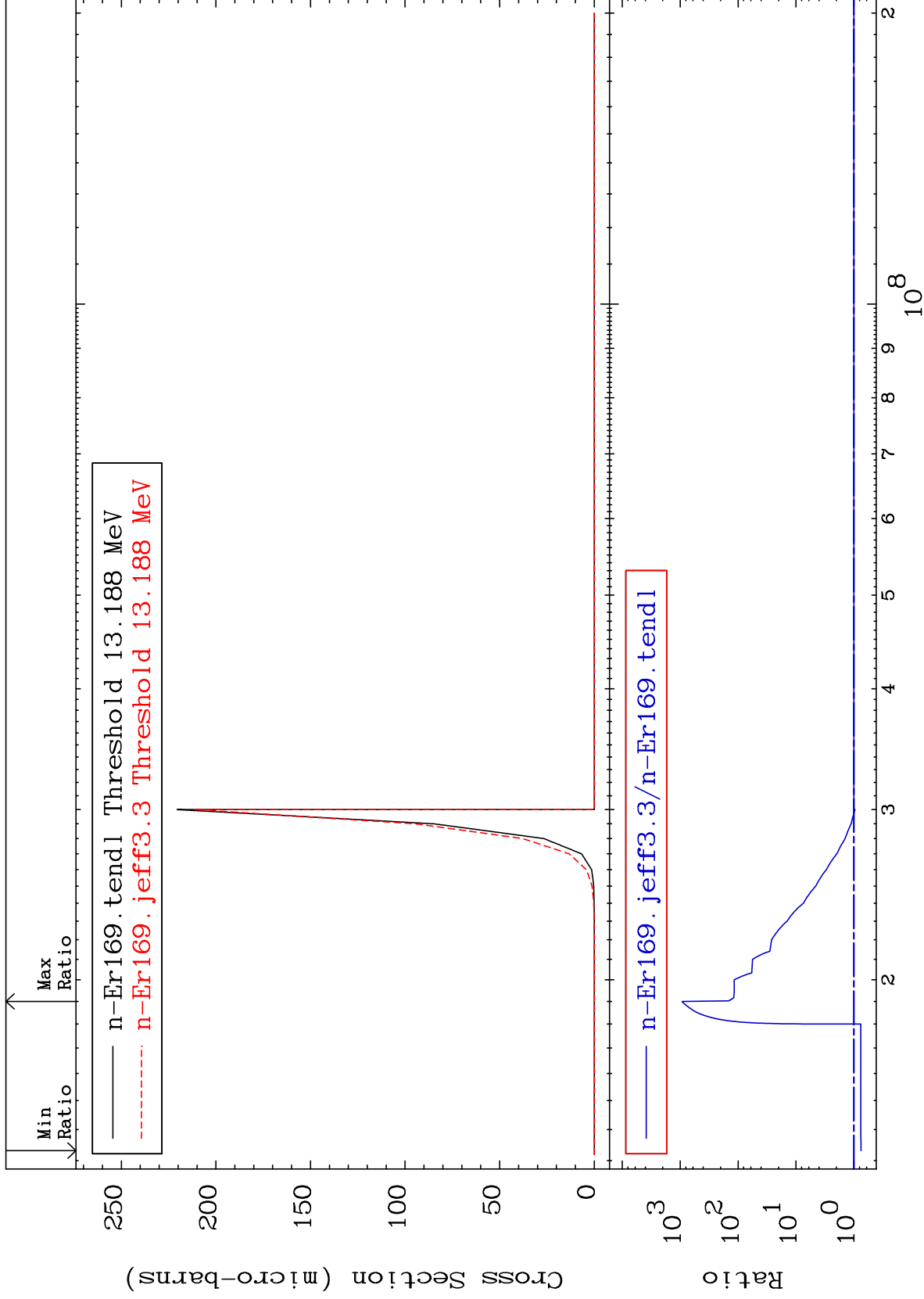
68-Er-169

MAT 6846

(n,2n) α
Cross Section

68-Er-169
-99.78 To 9999. %

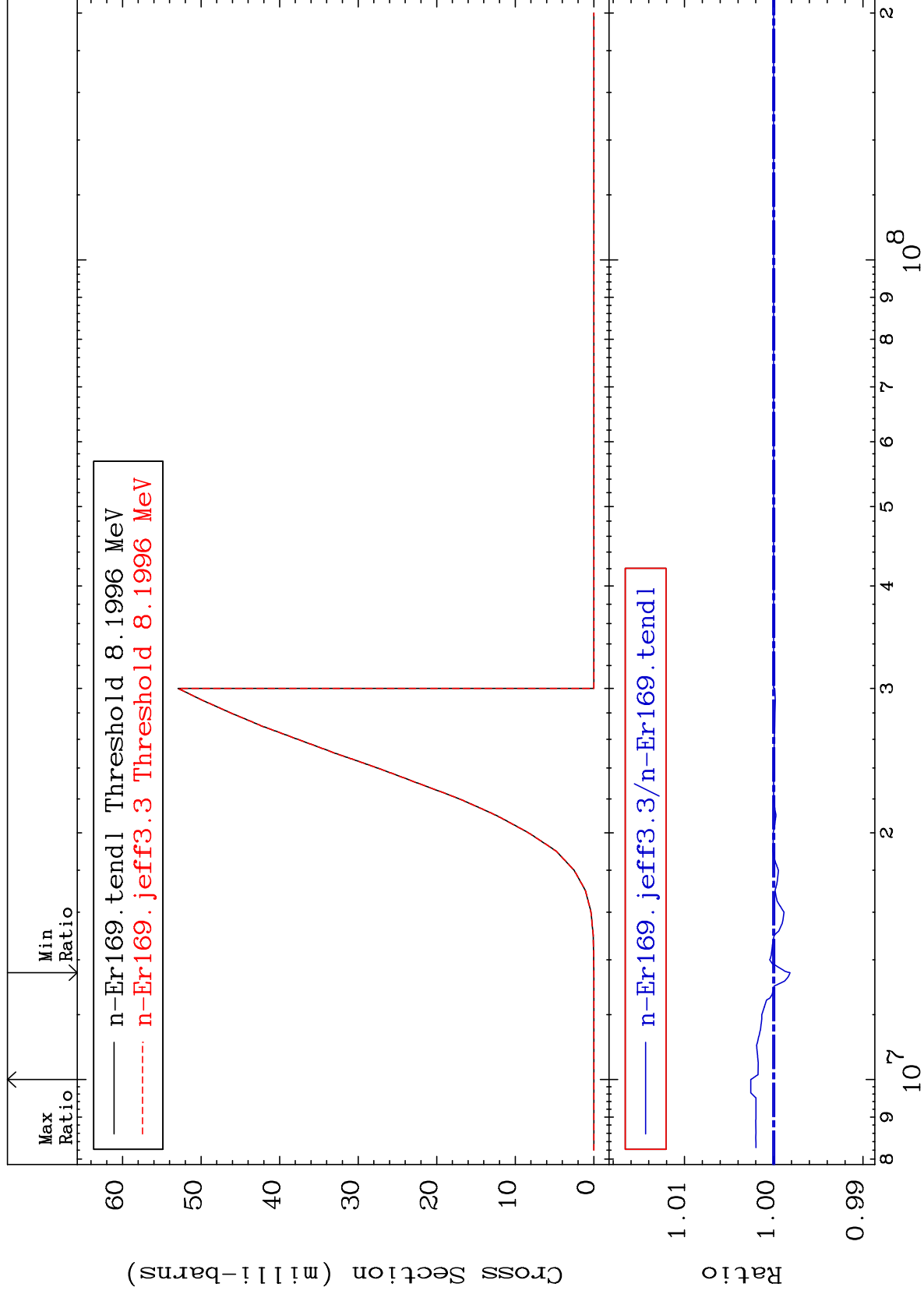




MAT 6846

(n, n') p
Cross Section

68-Er-169
-0.184 To 0.257 %



68-Er-169

68-Er-169

MAT 6846

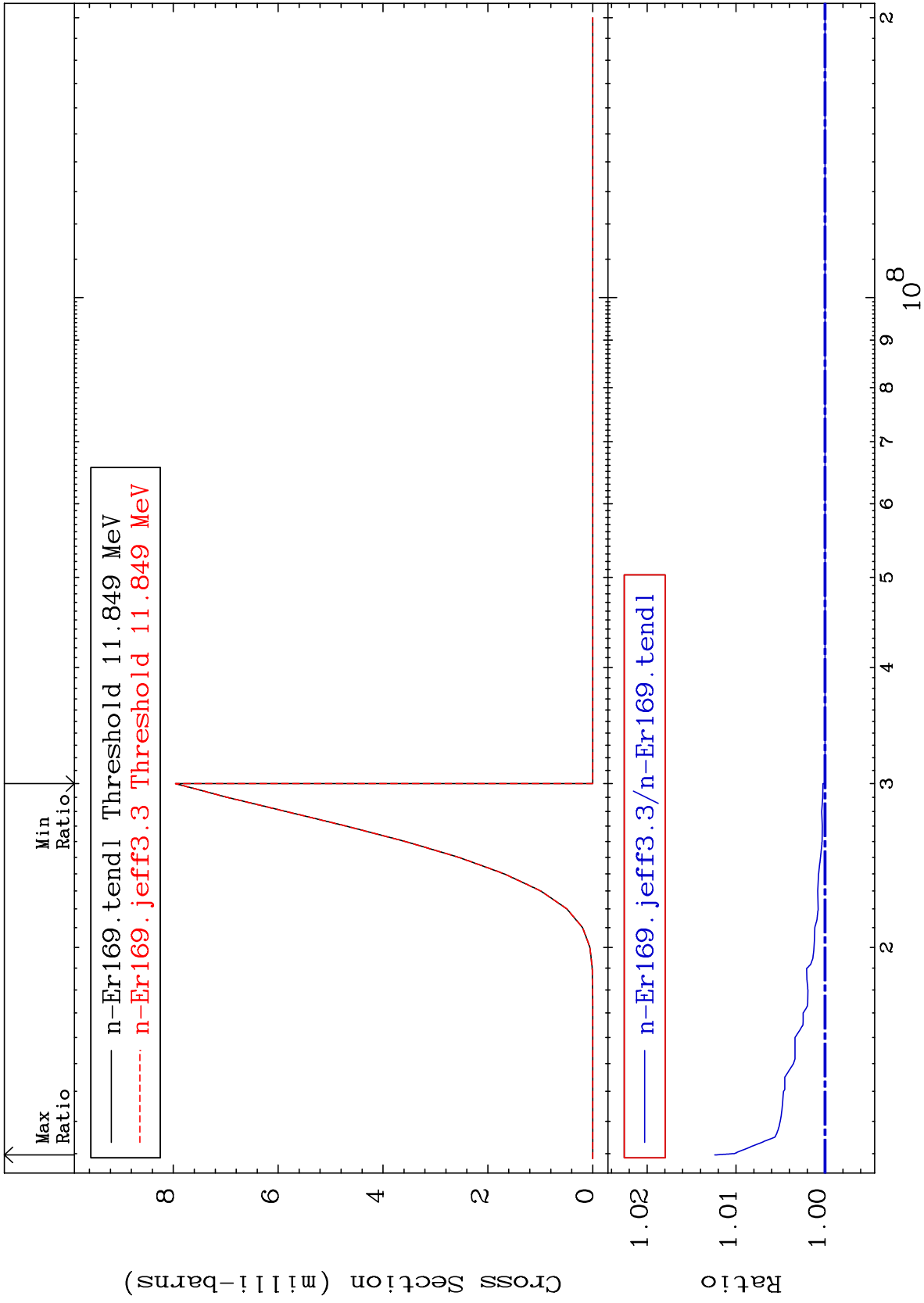
(n, n') d

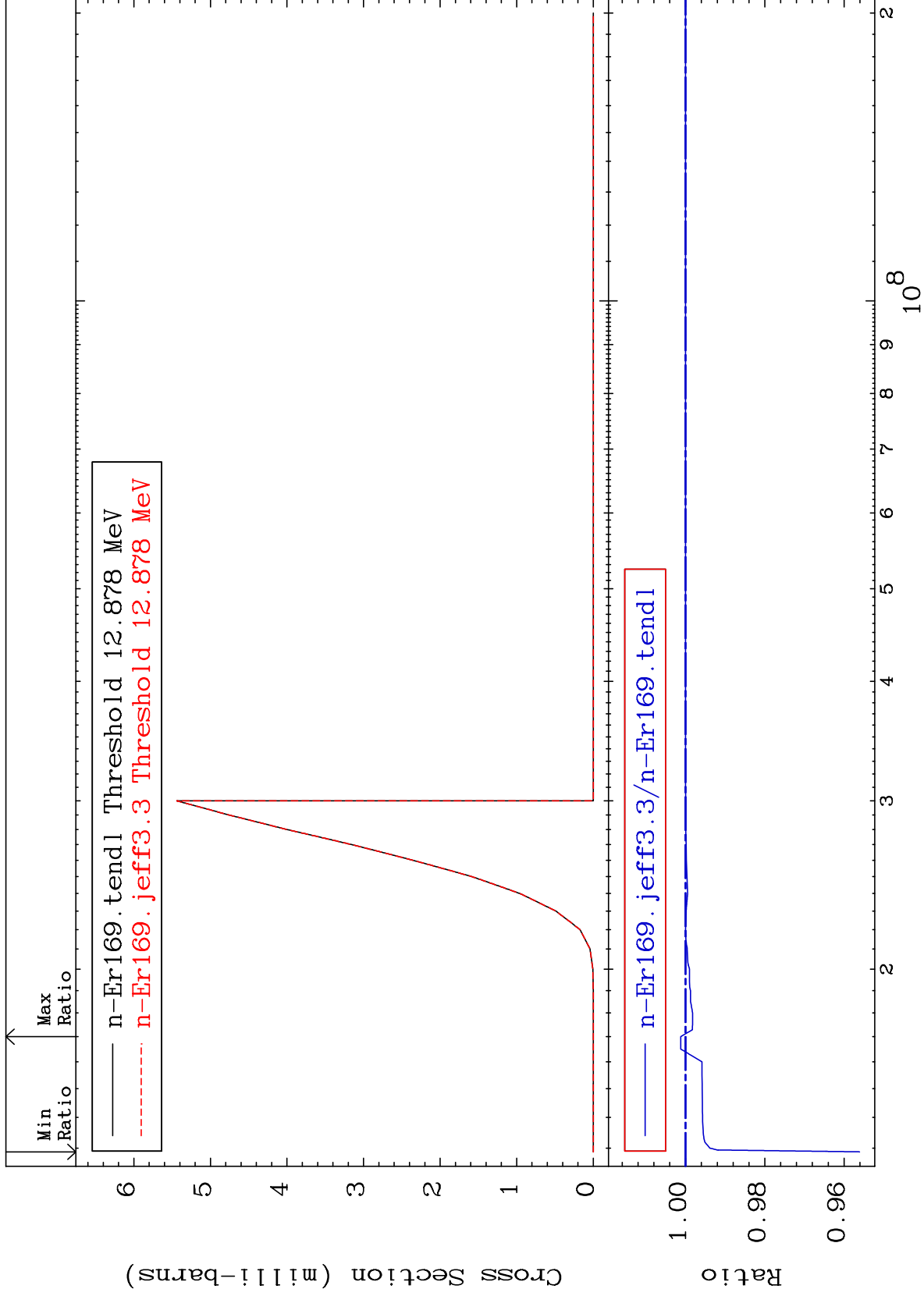
68-Er-169

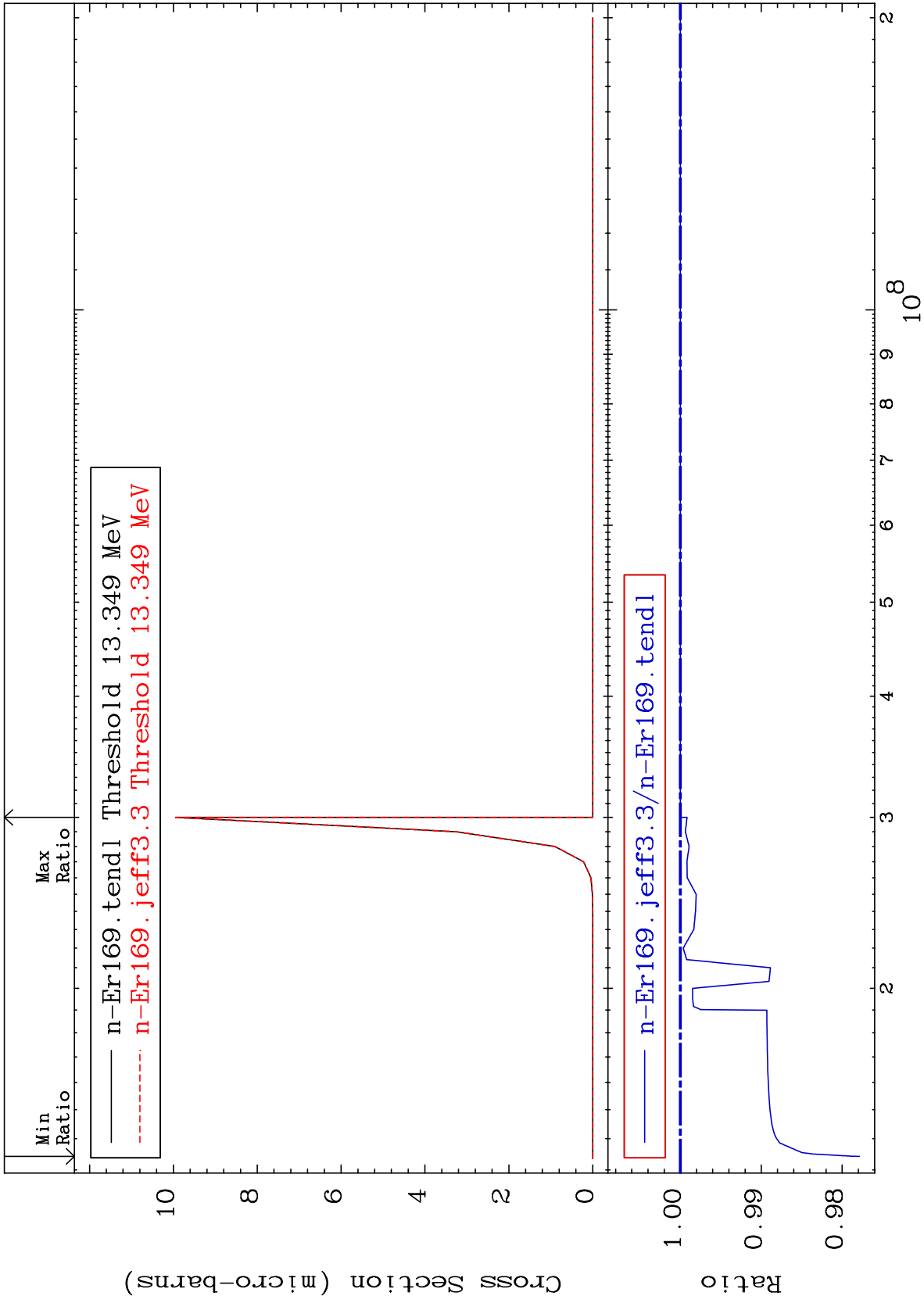
Cross Section

0.000

To 1.240 %







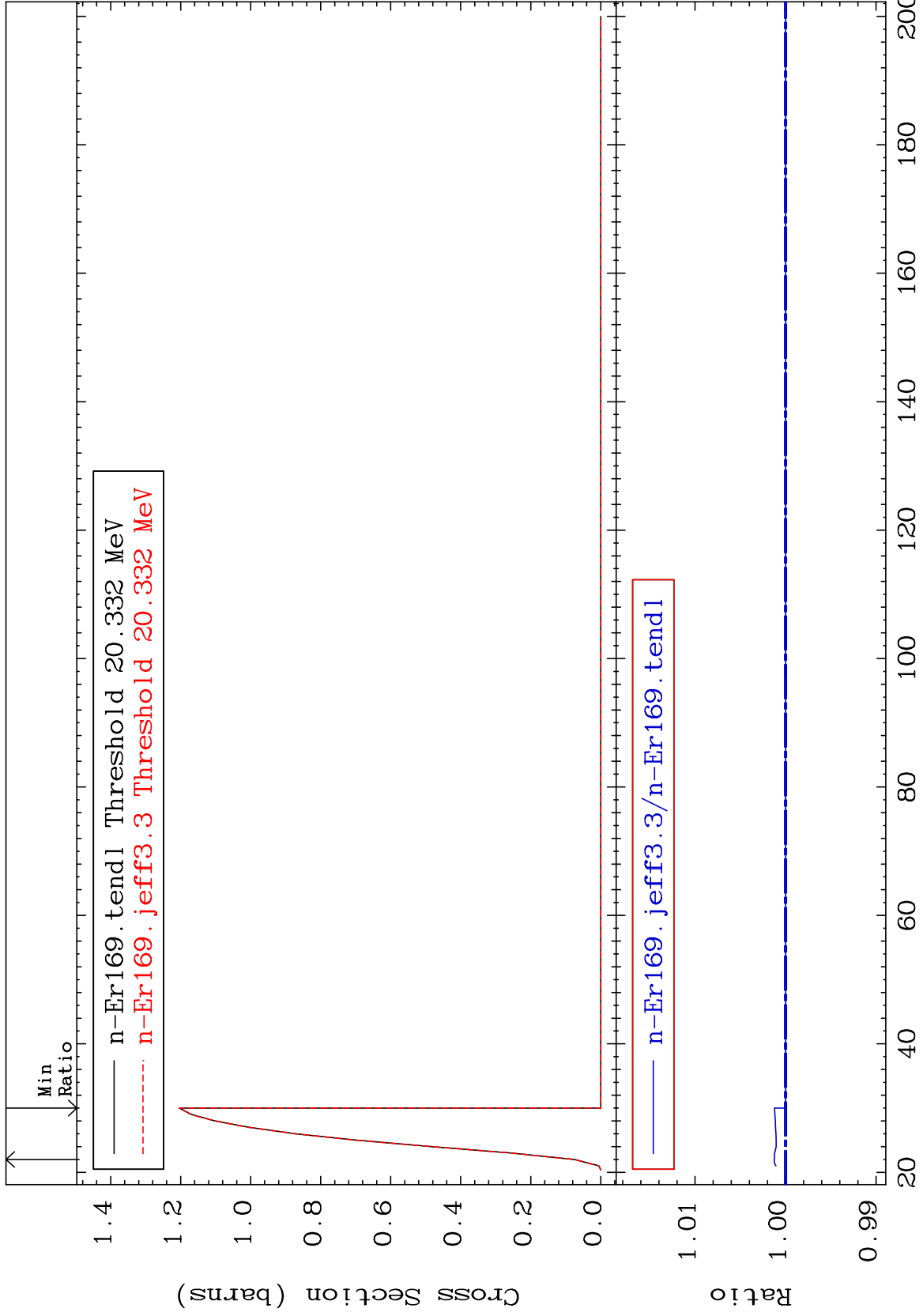
MAT 6846

(n,4n)

68-Er-169

Cross Section

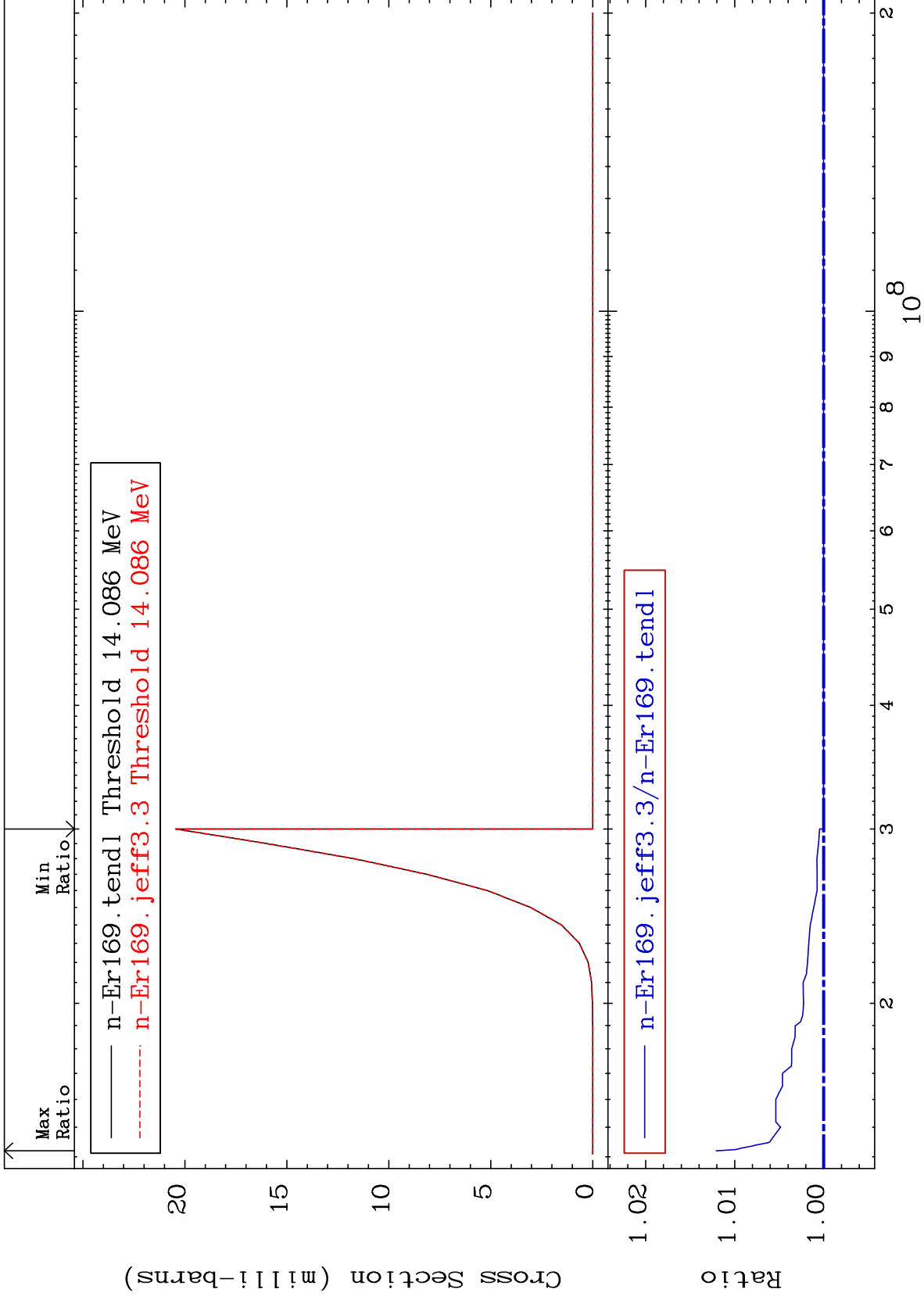
0.000 To 0.126 %



MAT 6846

(n,2n) p
Cross Section

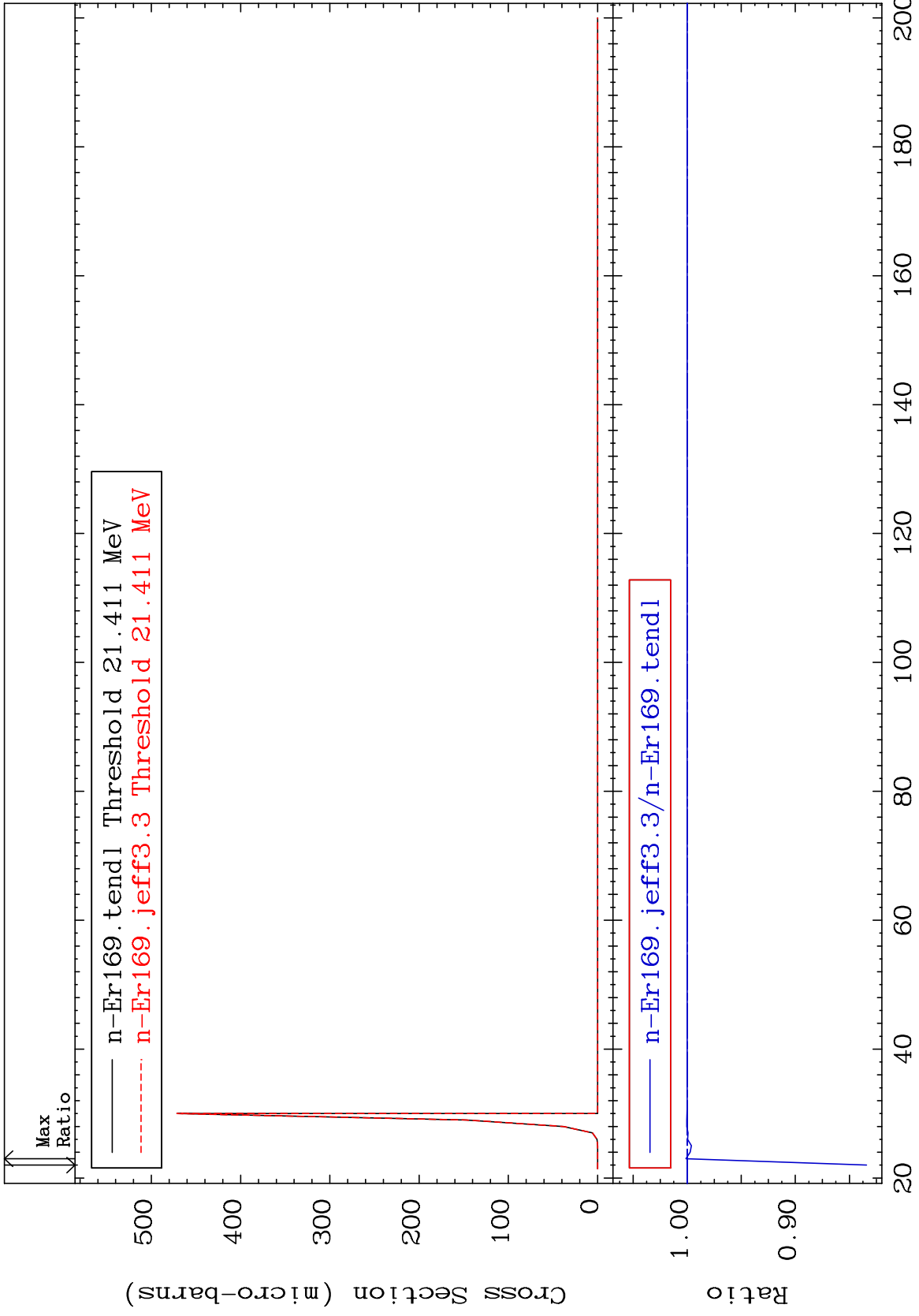
68-Er-169
To 1.208 %



MAT 6846

(n,3n) p
Cross Section

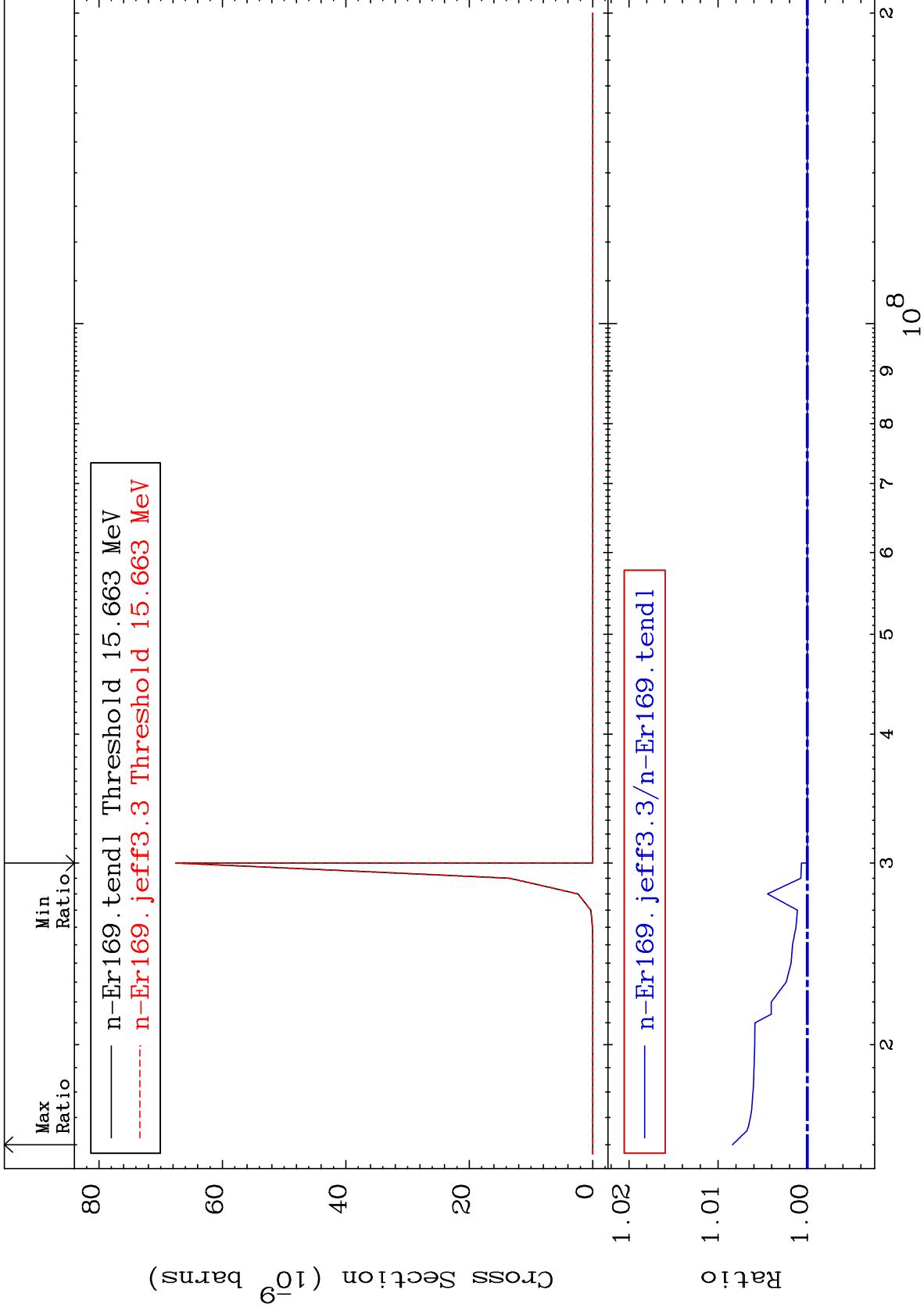
68-Er-169
-16.58 To 0.117 %



MAT 6846

(n,2n) p
Cross Section

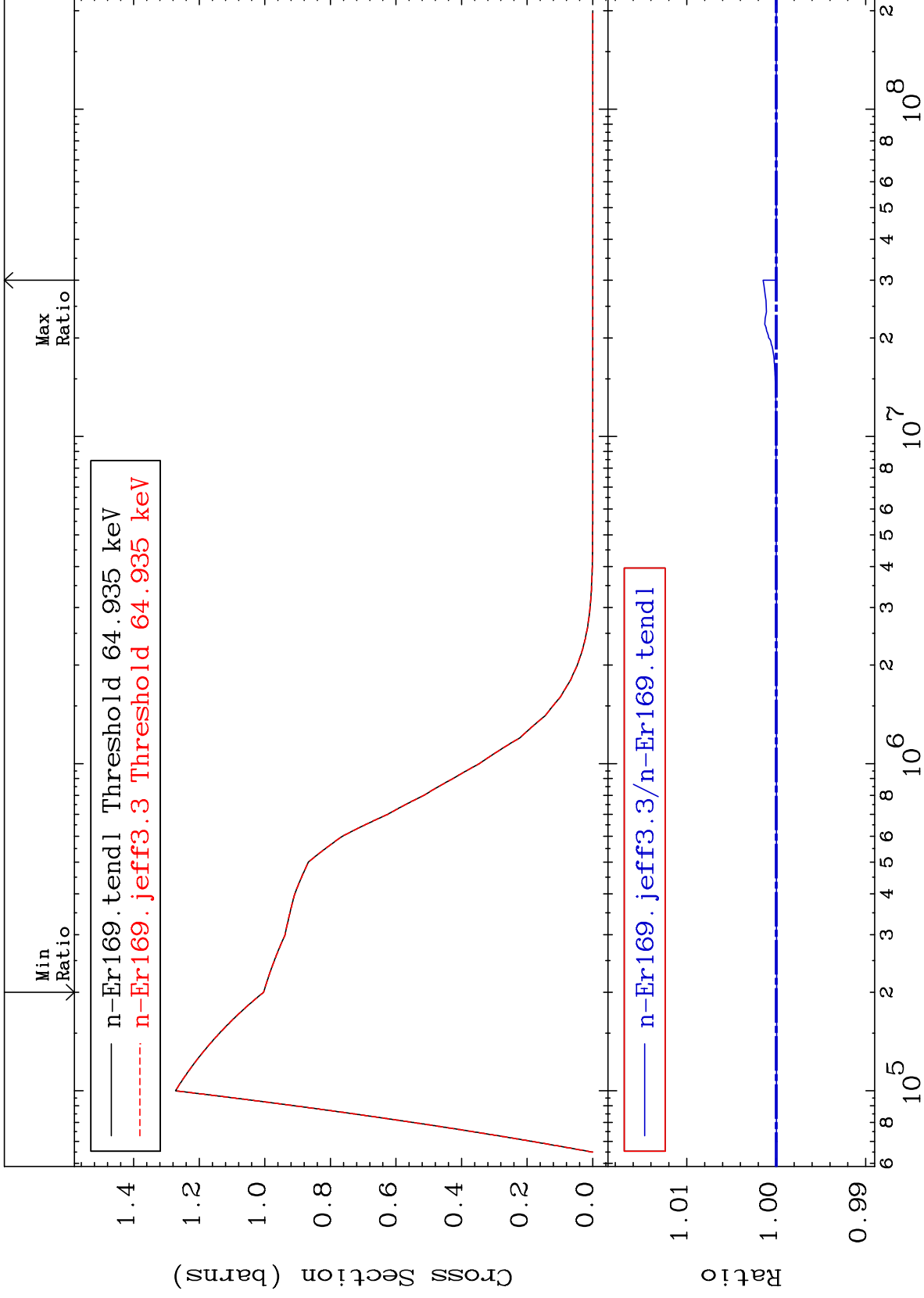
68-Er-169
To 0.839 %



MAT 6846

MT= 51 (n,n') Level
Cross Section

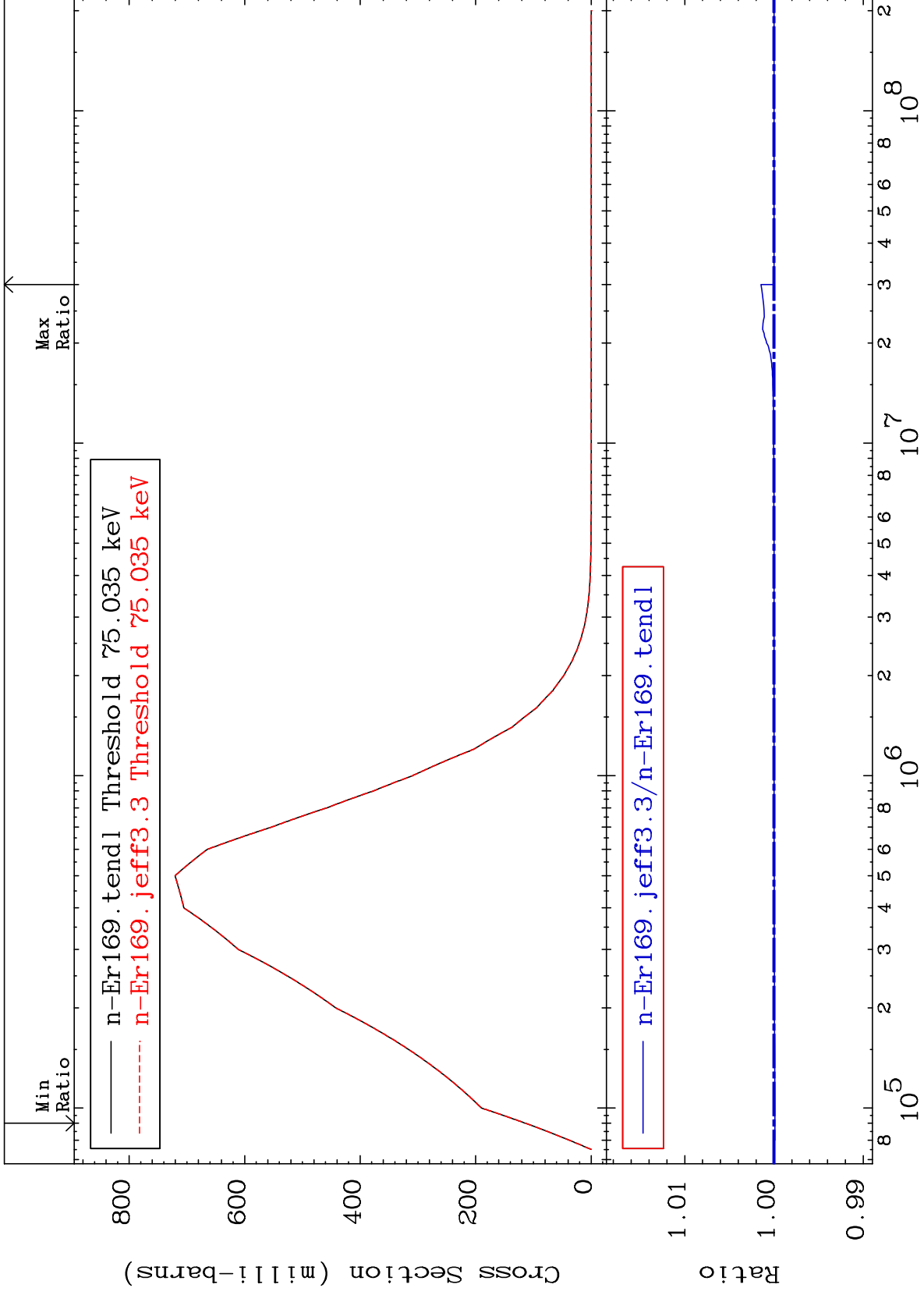
68-Er-169
-0.004 To 0.146 %



MAT 6846

MT= 52 (n,n') Level
Cross Section

68-Er-169
-0.010 To 0.146 %



17

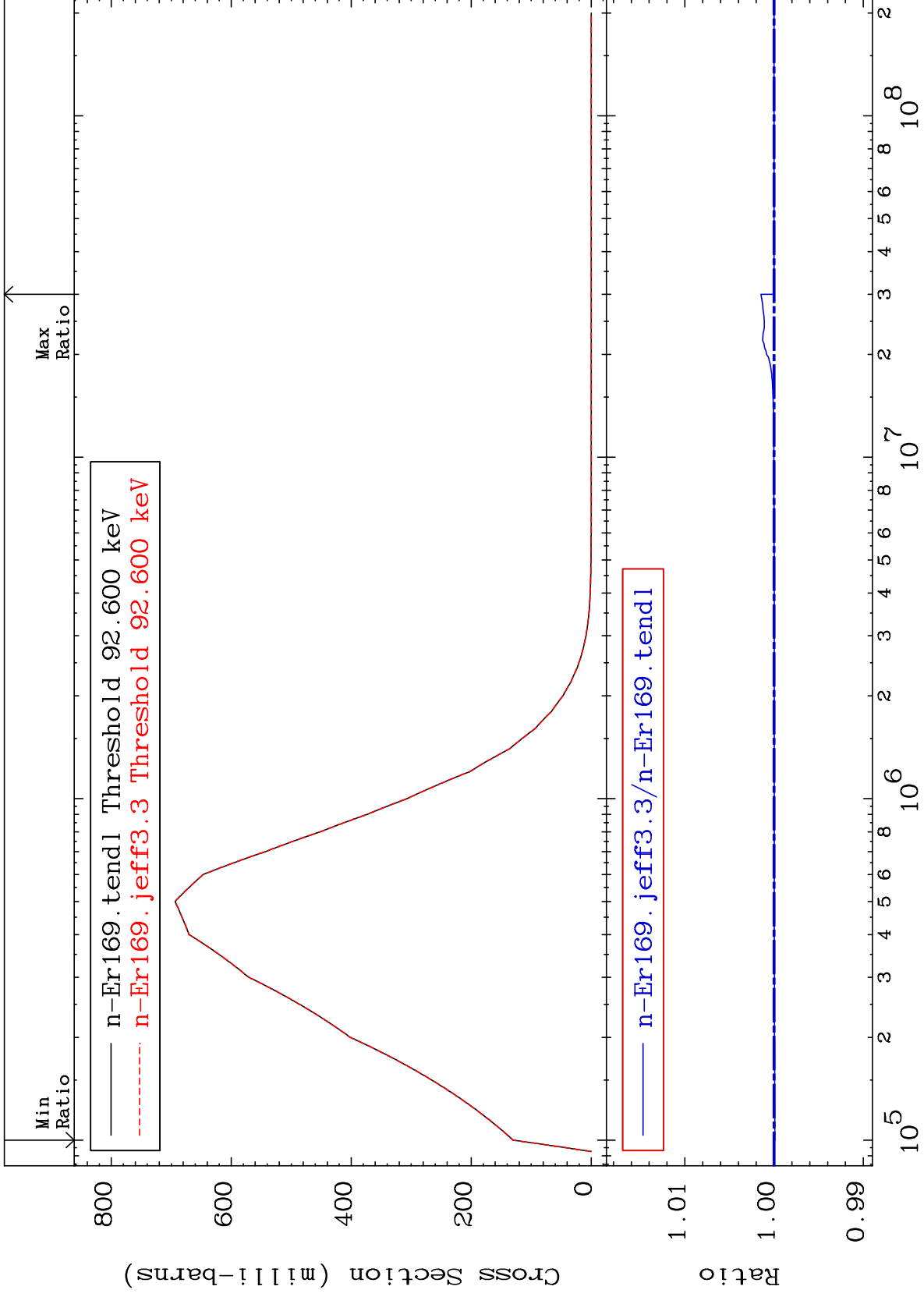
Incident Energy (eV)

68-Er-169

MAT 6846

MT= 53 (n,n') Level
Cross Section

68-Er-169
-0.008 To 0.146 %



18

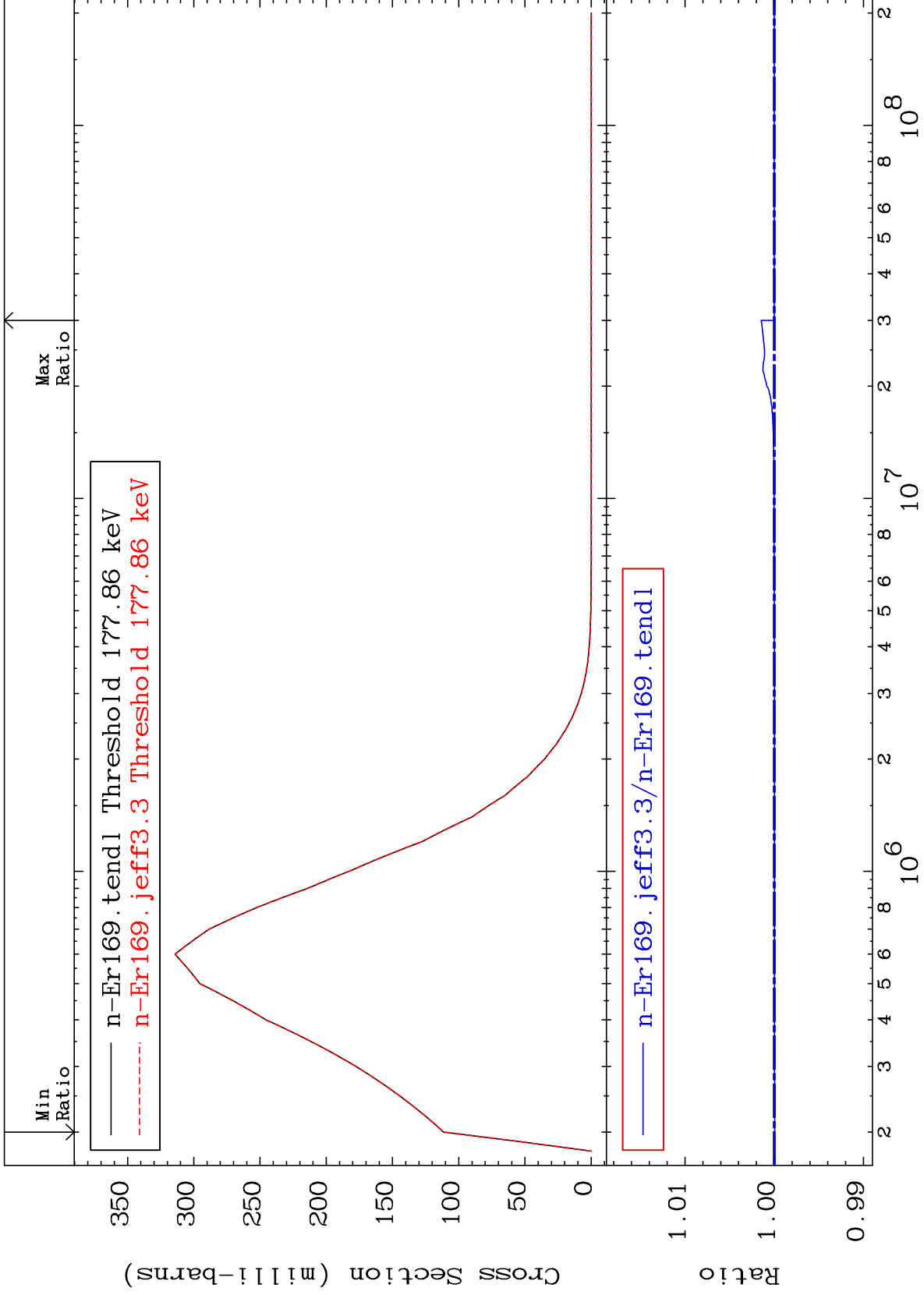
Incident Energy (eV)

68-Er-169

MAT 6846

MT= 54 (n,n') Level
Cross Section

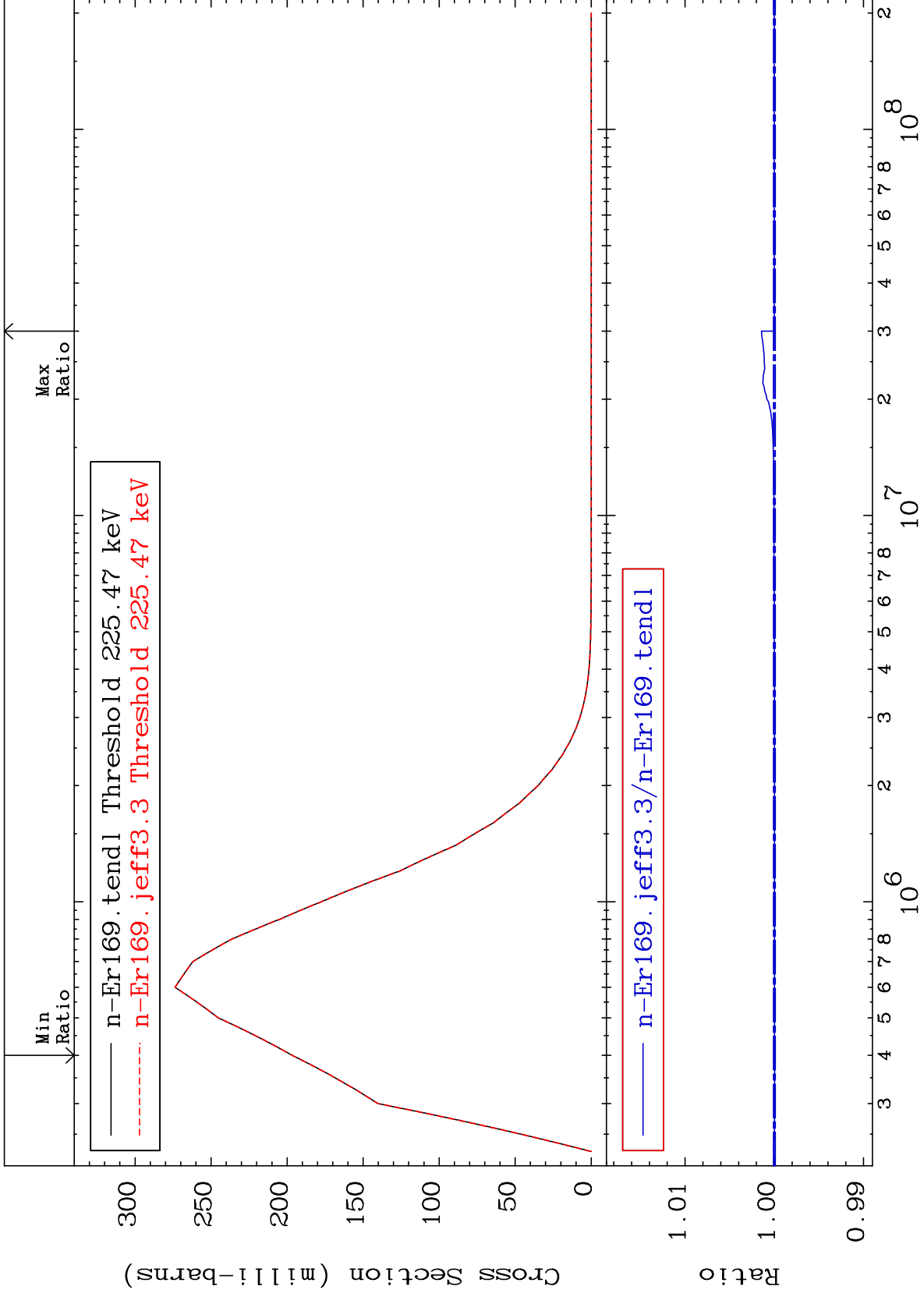
68-Er-169
-0.004 To 0.146 %



MAT 6846

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

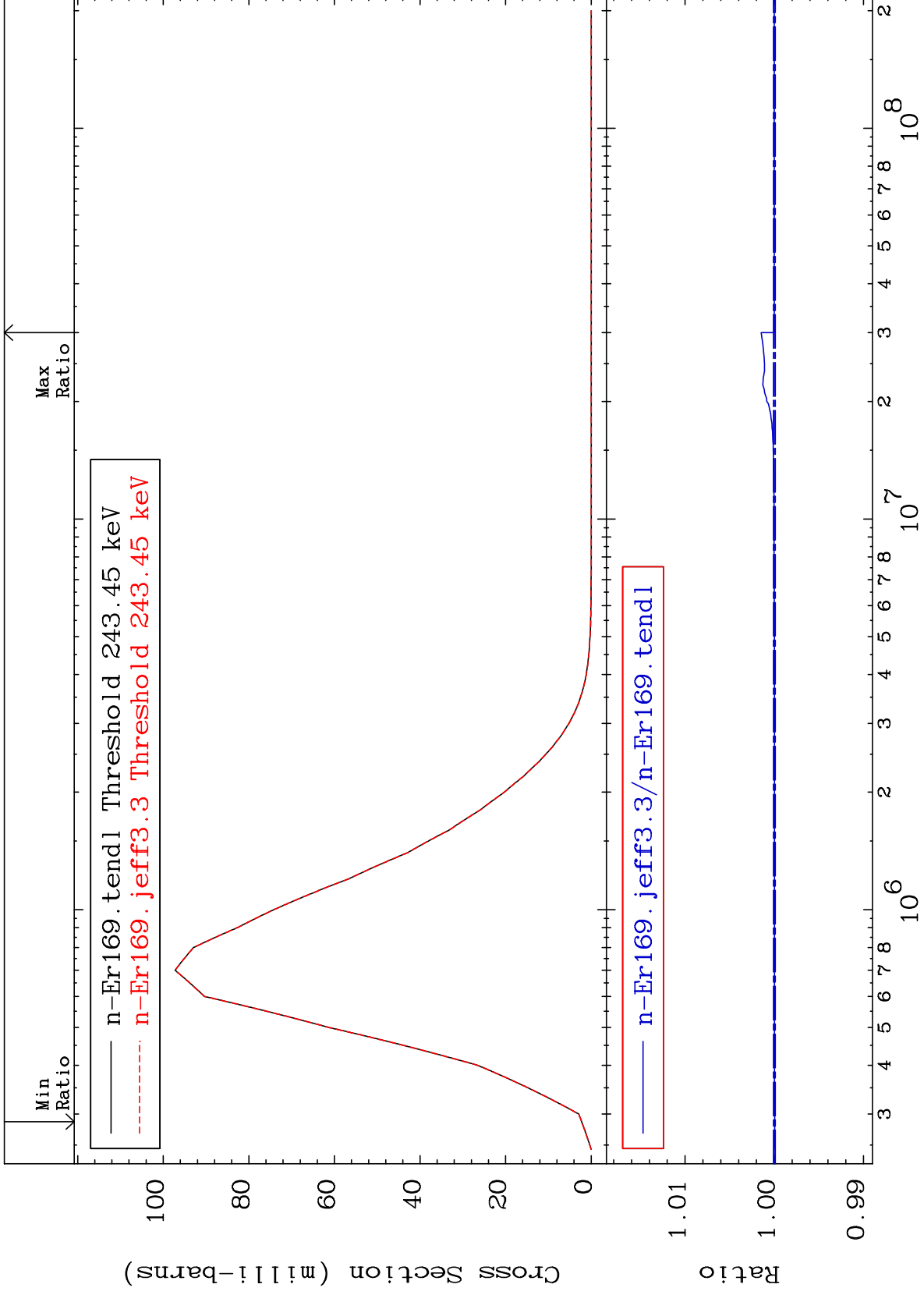
68-Er-169
-0.003 To 0.146 %



MAT 6846

MT= 56 (n,n') Level
Cross Section

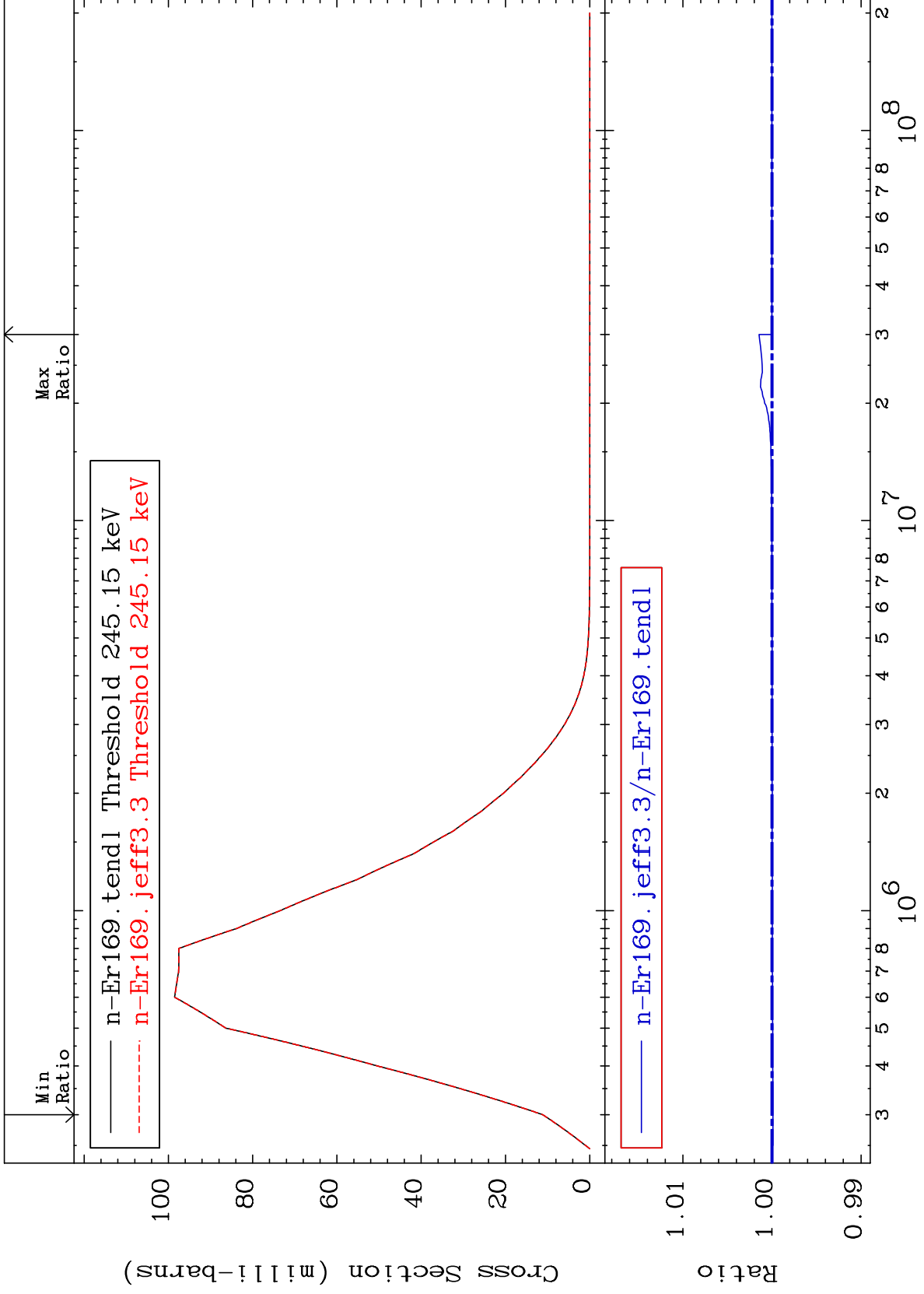
68-Er-169
-0.004 To 0.147 %



MAT 6846

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

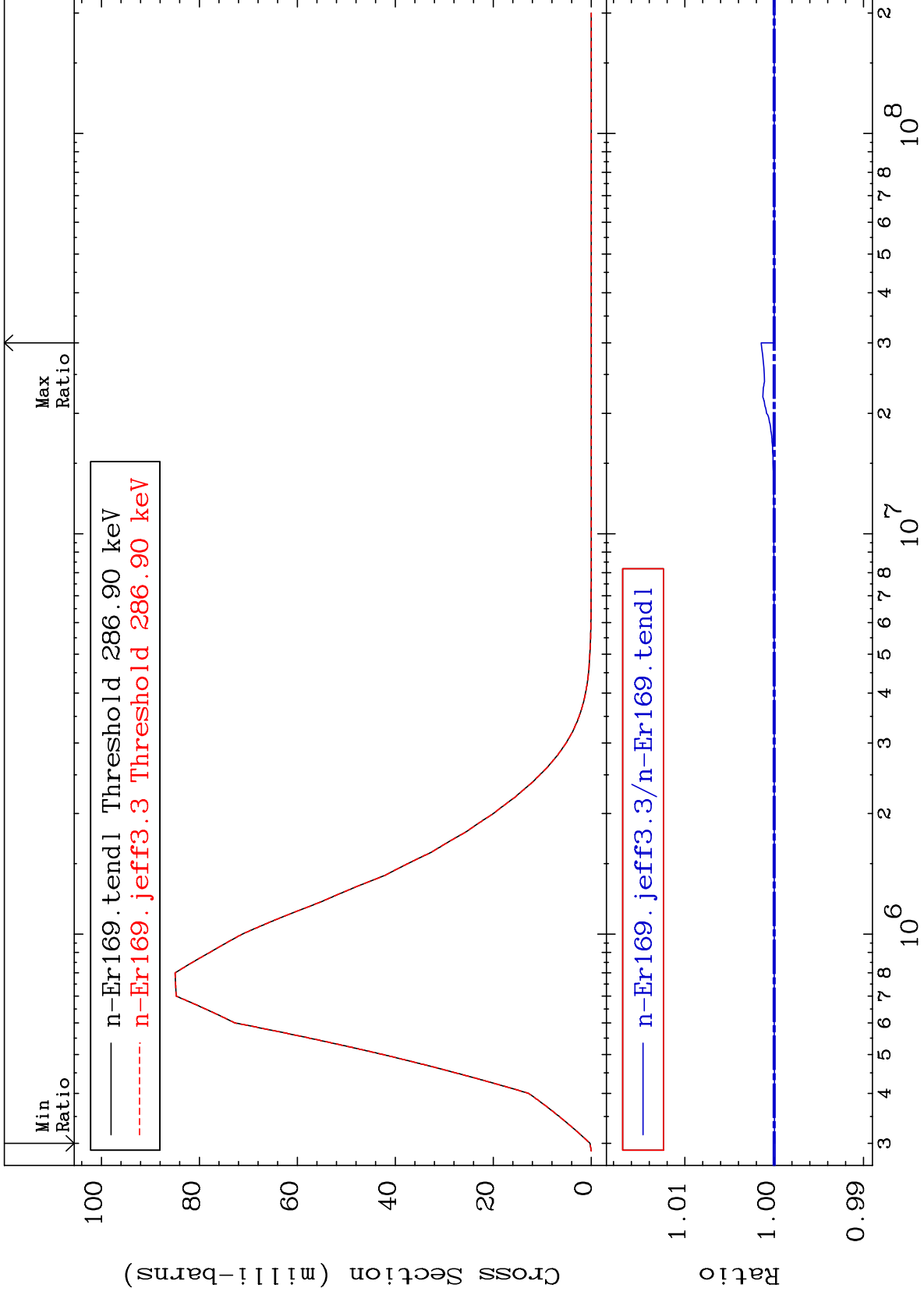
68-Er-169
-0.012 To 0.146 %



MAT 6846

MT= 58 (n,n') Level
Cross Section

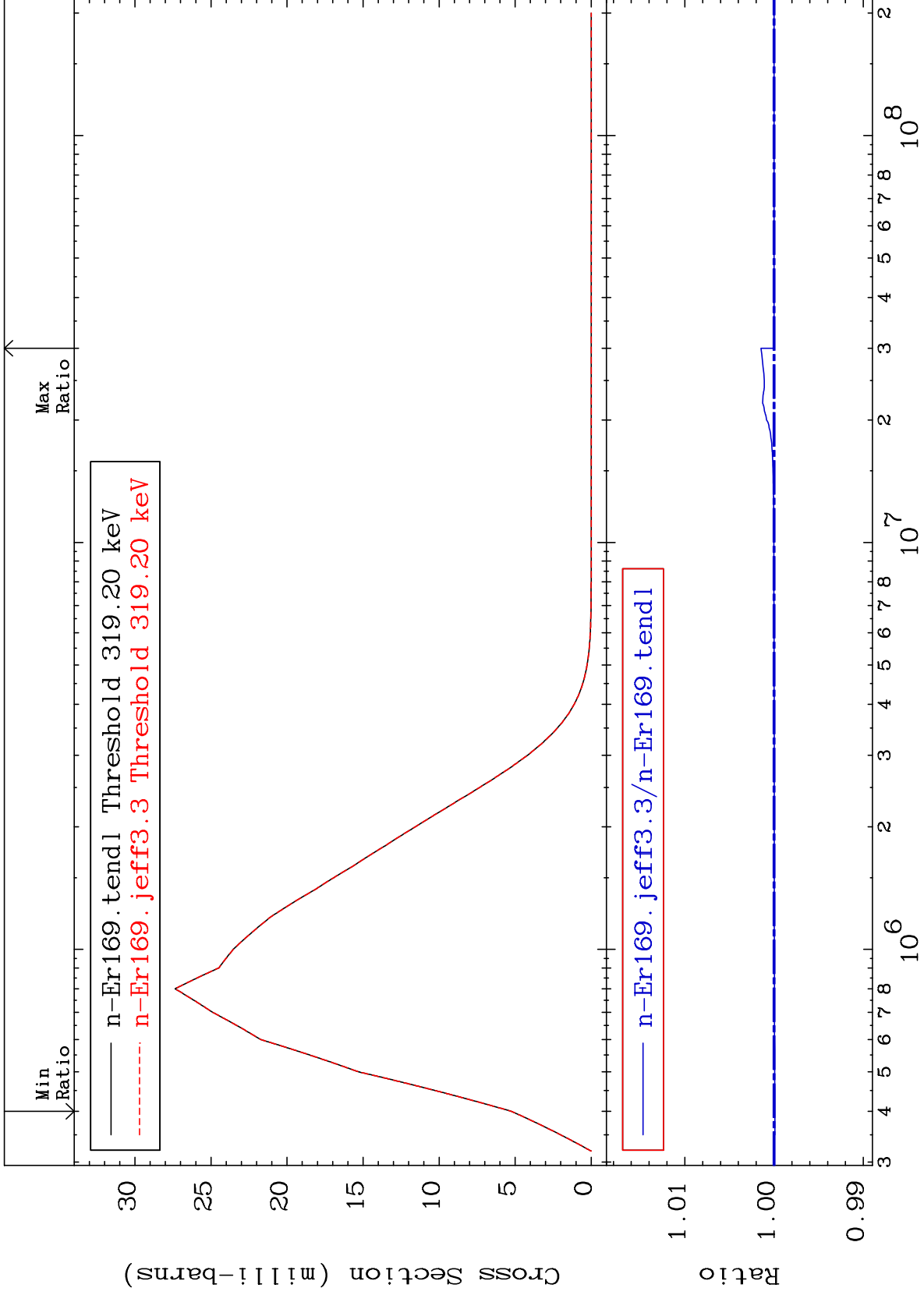
68-Er-169
-0.007 To 0.146 %



MAT 6846

MT= 59 (n,n') Level
Cross Section

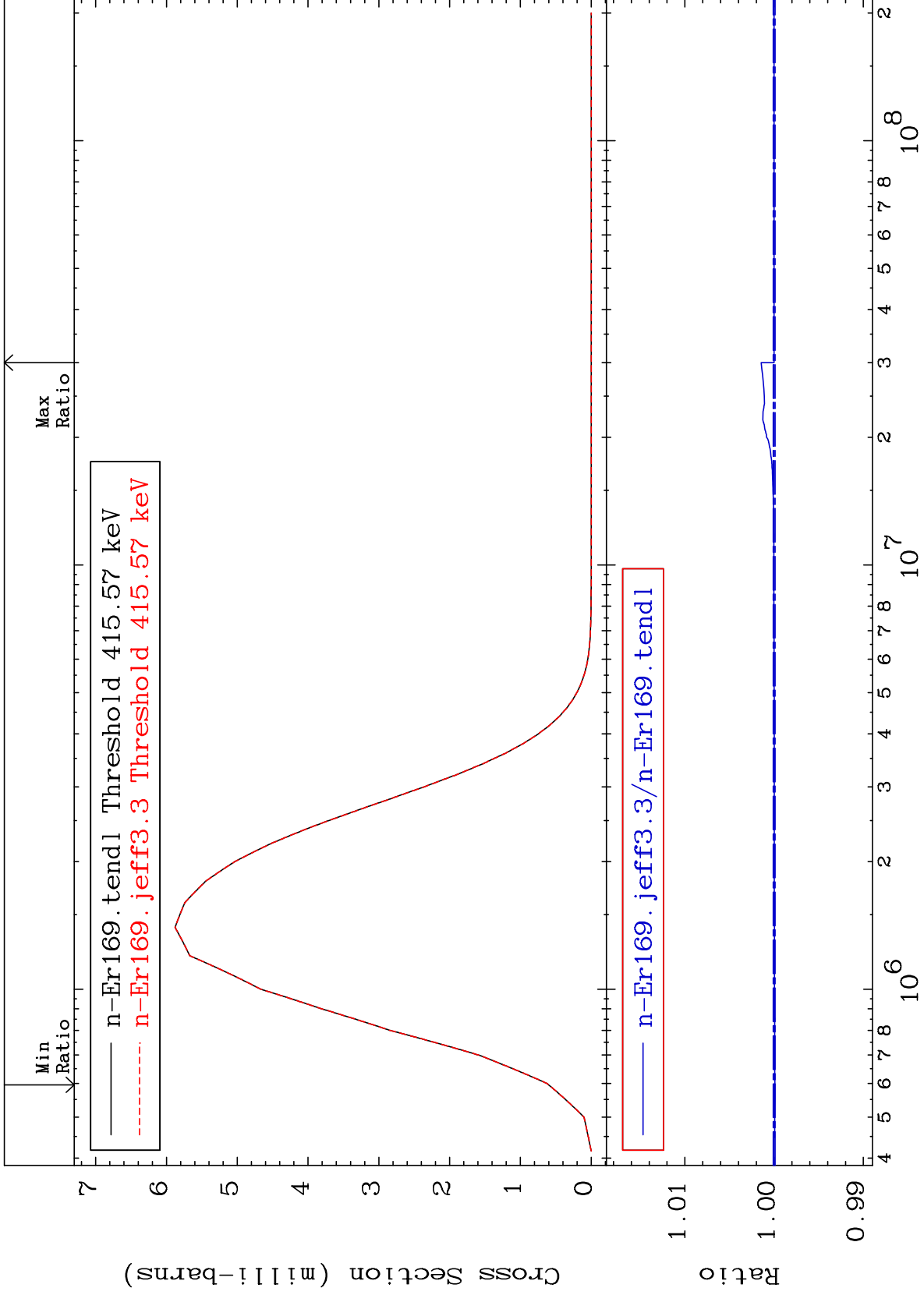
68-Er-169
-0.009 To 0.146 %



MAT 6846

MT= 60 (n,n') Level
Cross Section

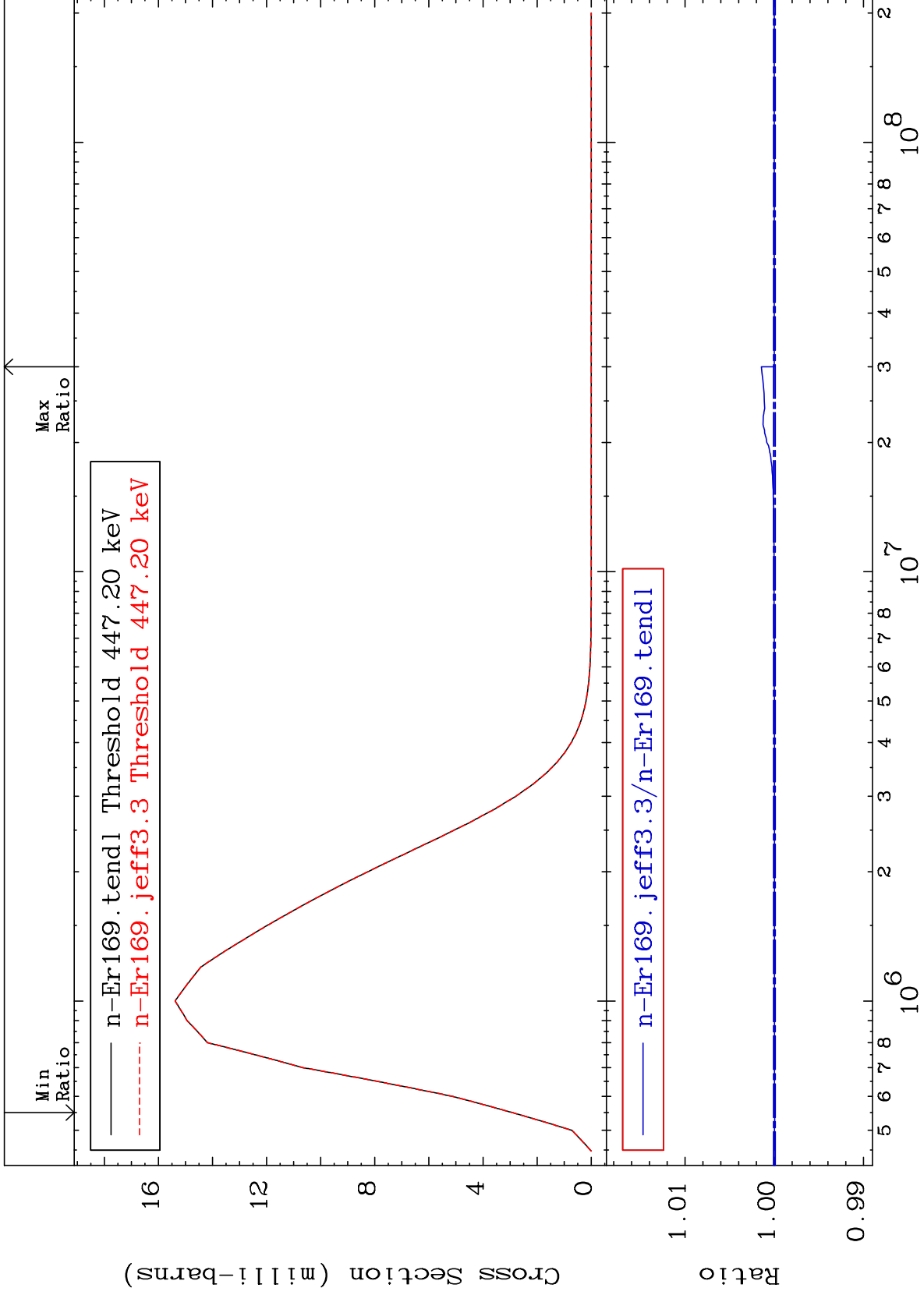
68-Er-169
-0.007 To 0.146 %



MAT 6846

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

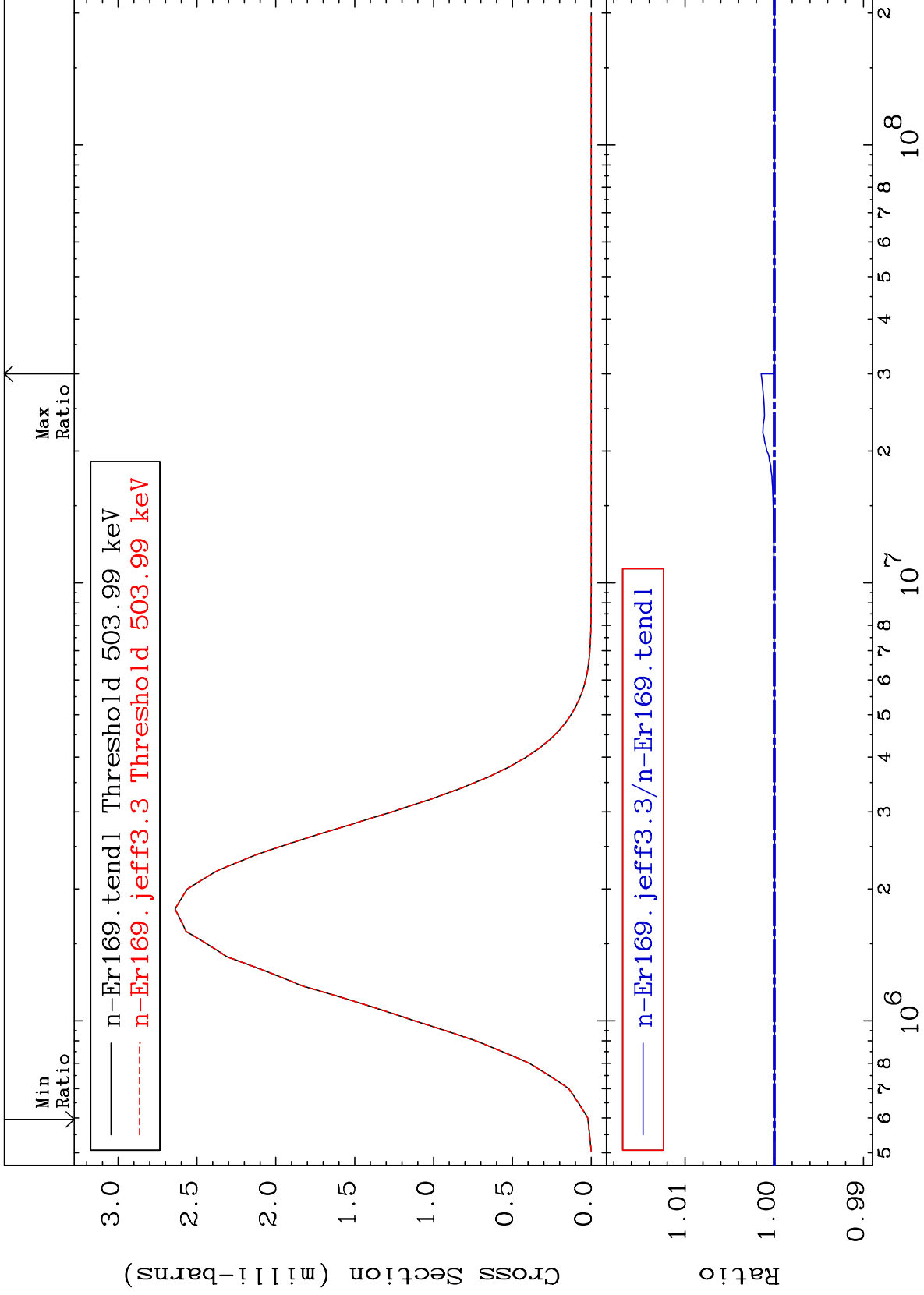
68-Er-169
-0.003 To 0.146 %



MAT 6846

MT= 63 (n,n') Level
Cross Section

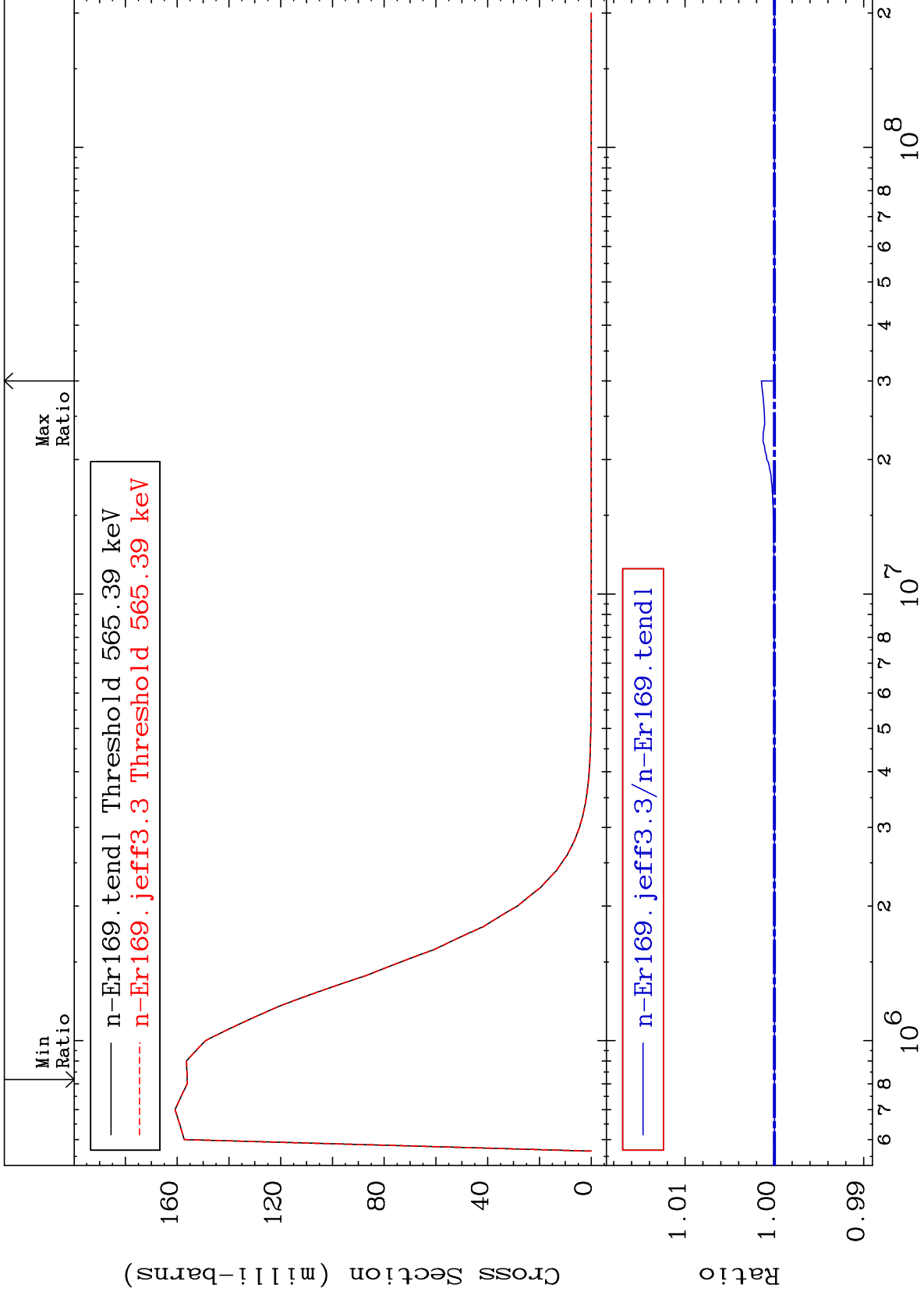
68-Er-169
-0.005 To 0.146 %



MAT 6846

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

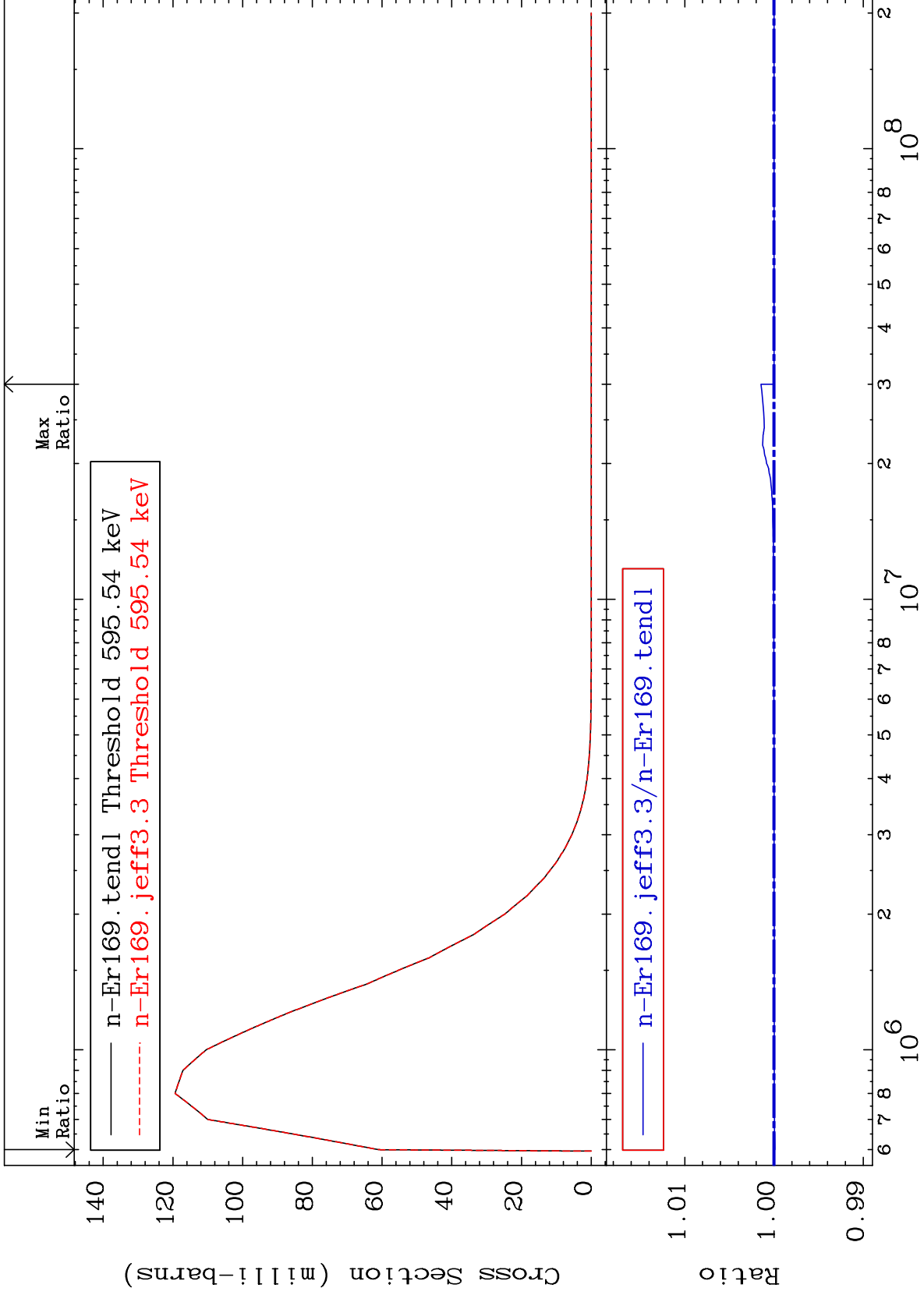
68-Er-169
-0.002 To 0.146 %



MAT 6846

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

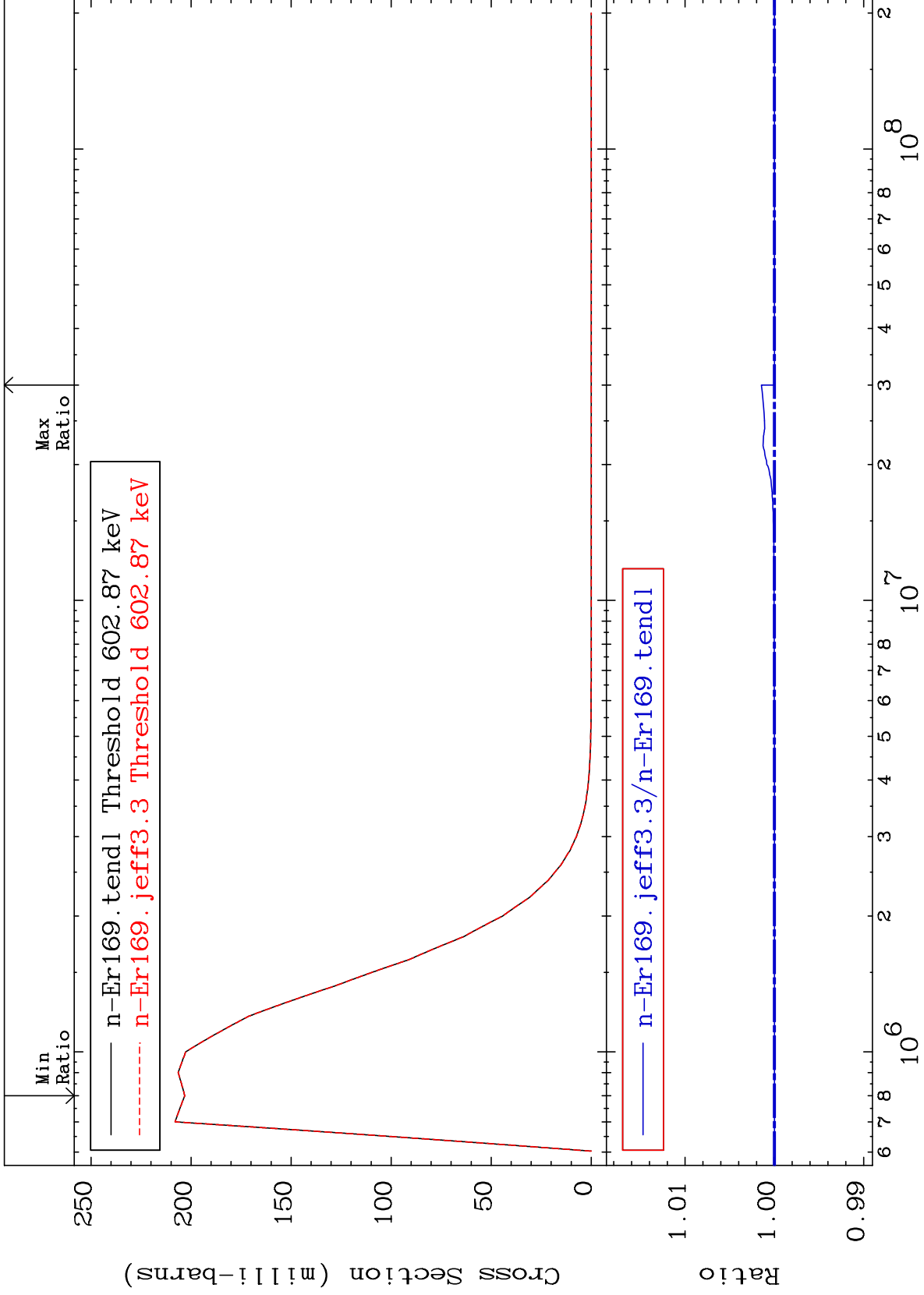
68-Er-169
-0.010 To 0.146 %



MAT 6846

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

68-Er-169
-0.002 To 0.146 %



30

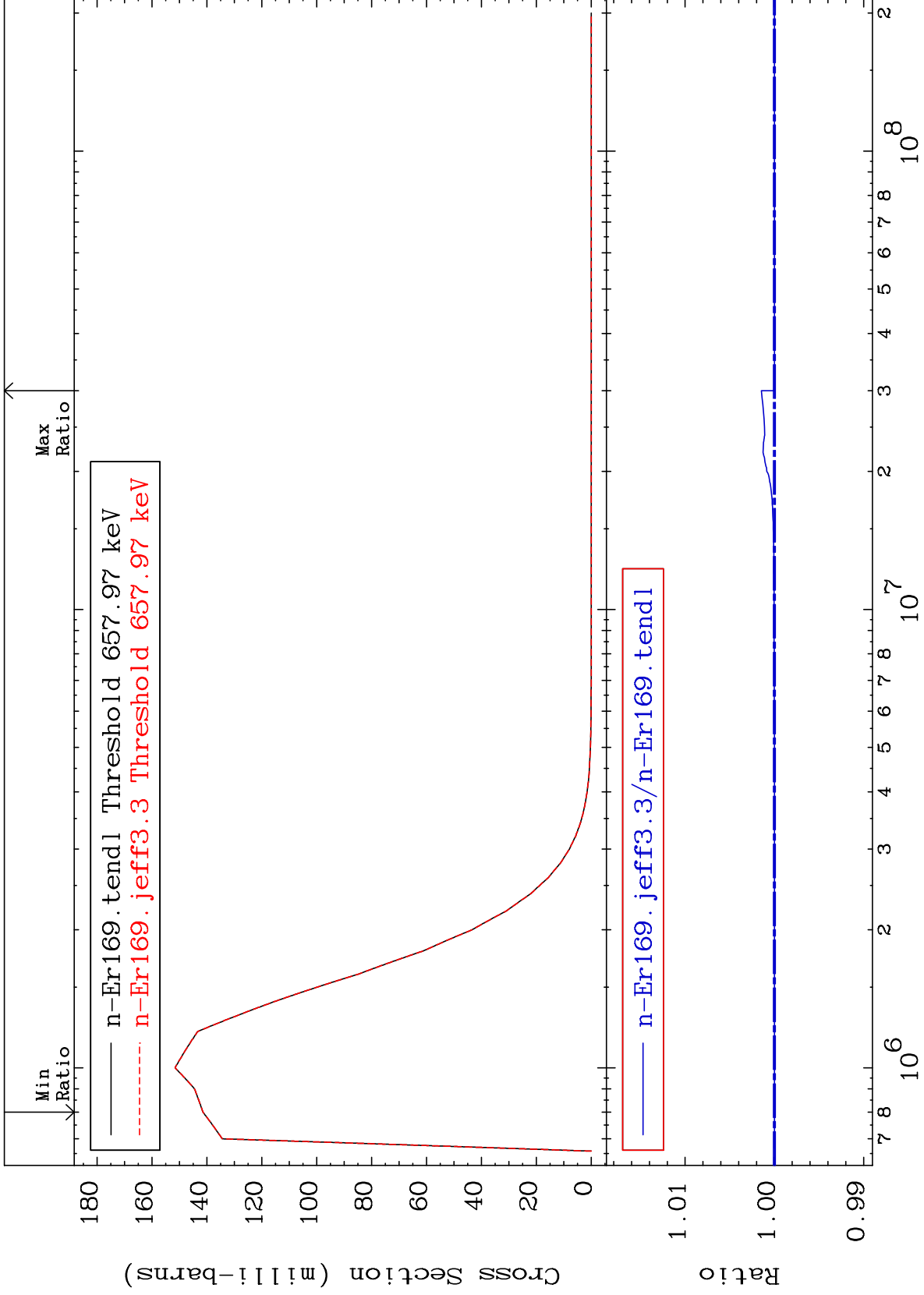
Incident Energy (eV)

68-Er-169

MAT 6846

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

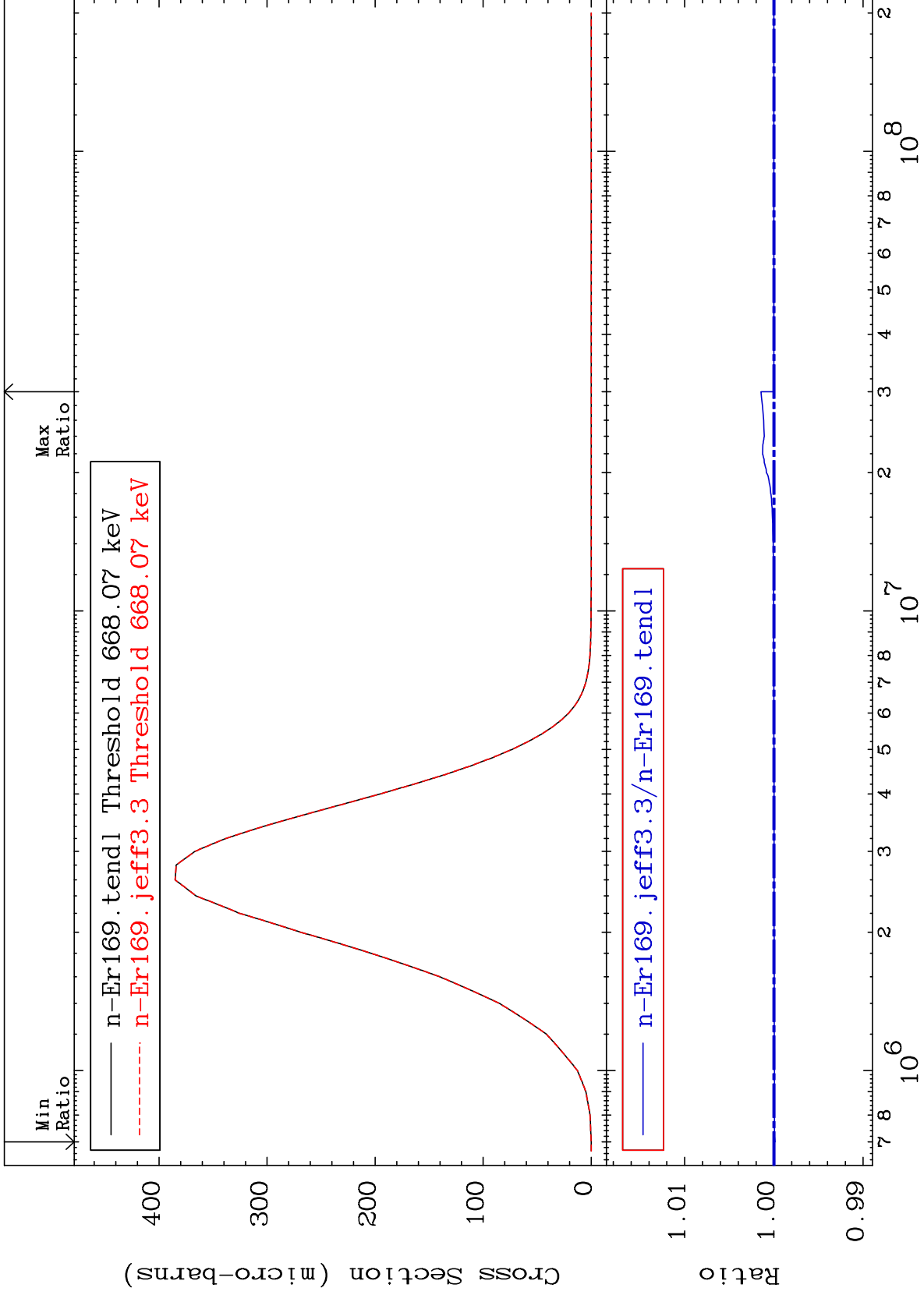
68-Er-169
-0.002 To 0.146 %



MAT 6846

MT= 69 (n,n') Level
Cross Section

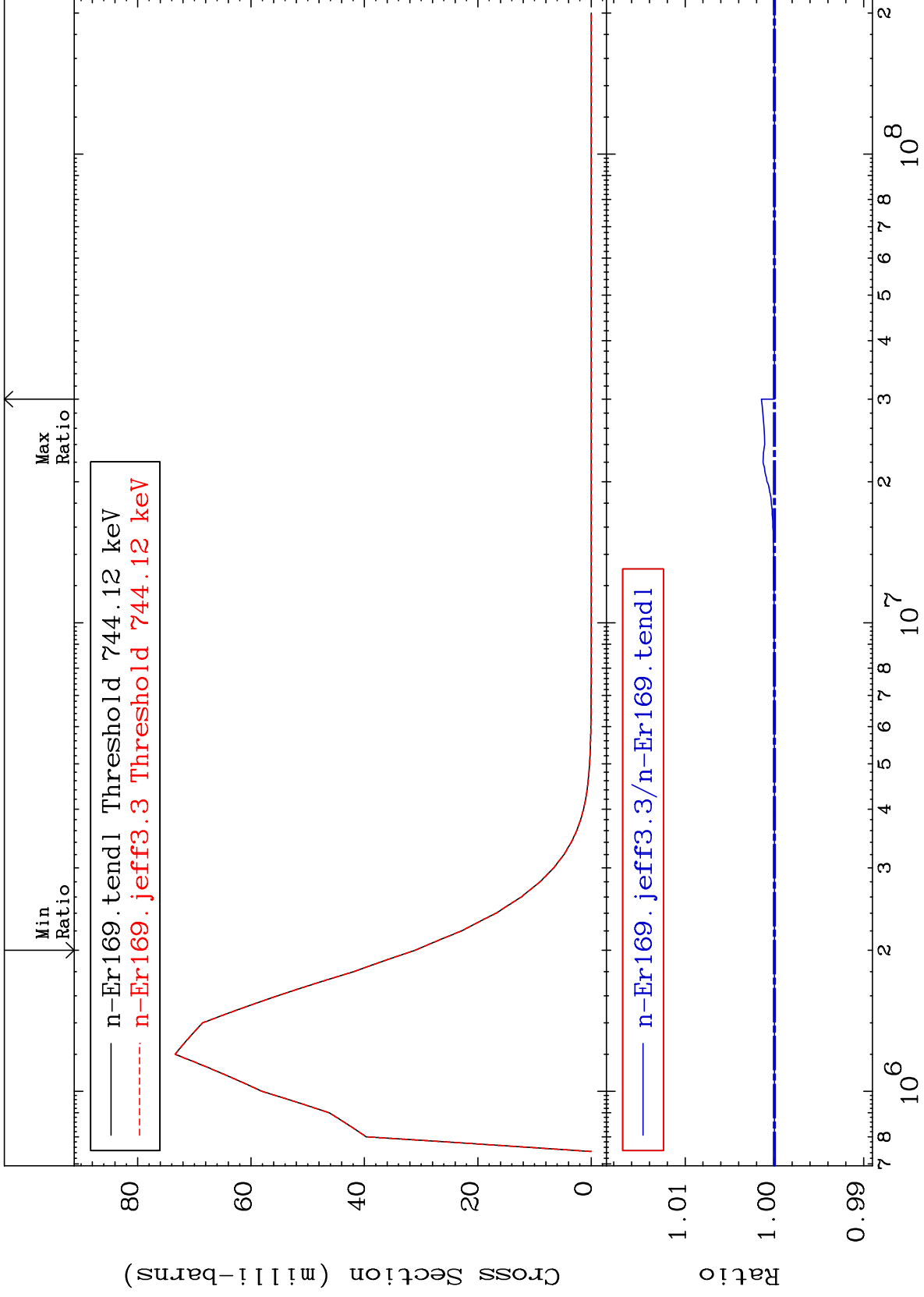
68-Er-169
-0.012 To 0.146 %



MAT 6846

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

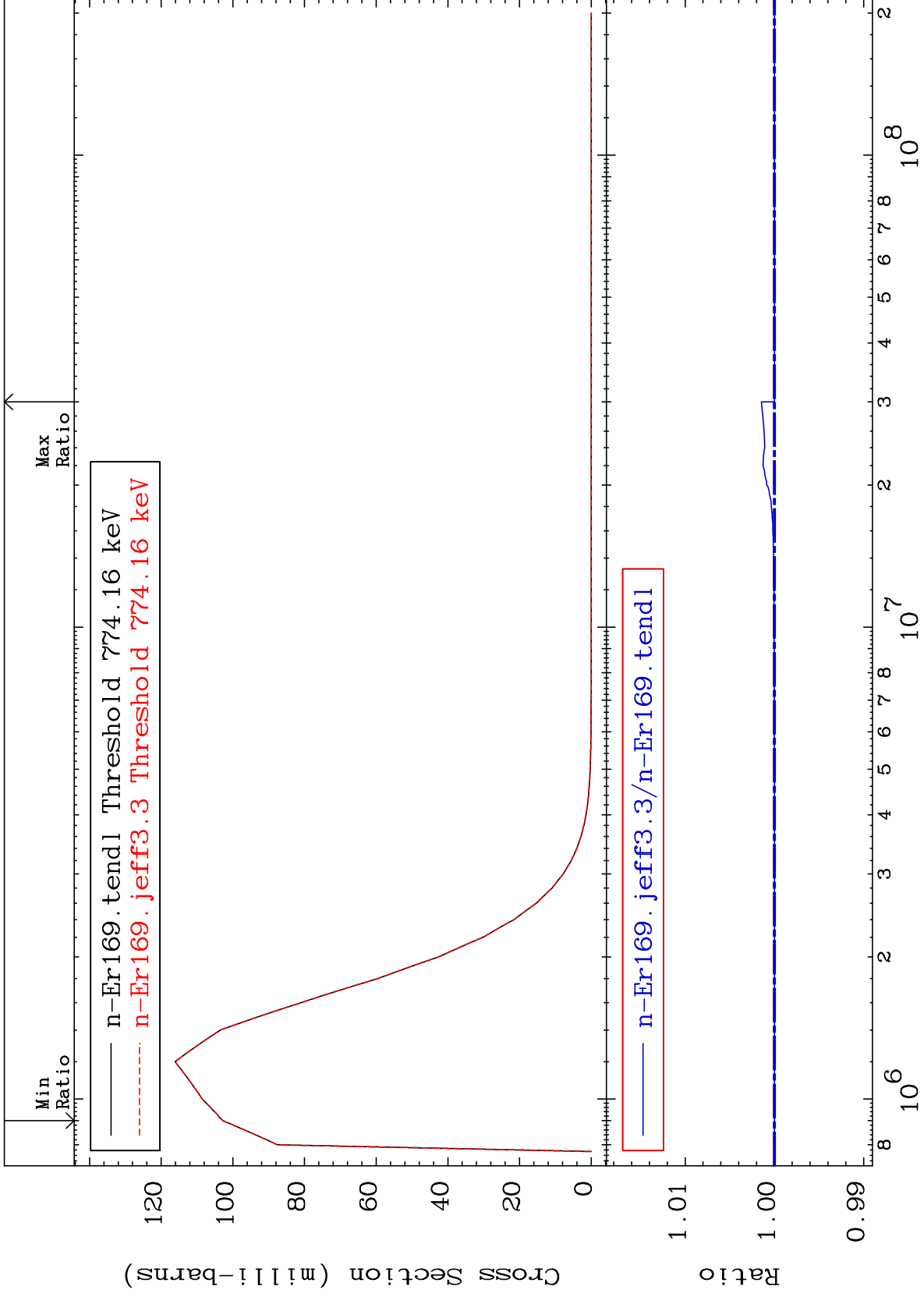
68-Er-169
-0.002 To 0.146 %



MAT 6846

MT= 72 (n,n') Level
Cross Section

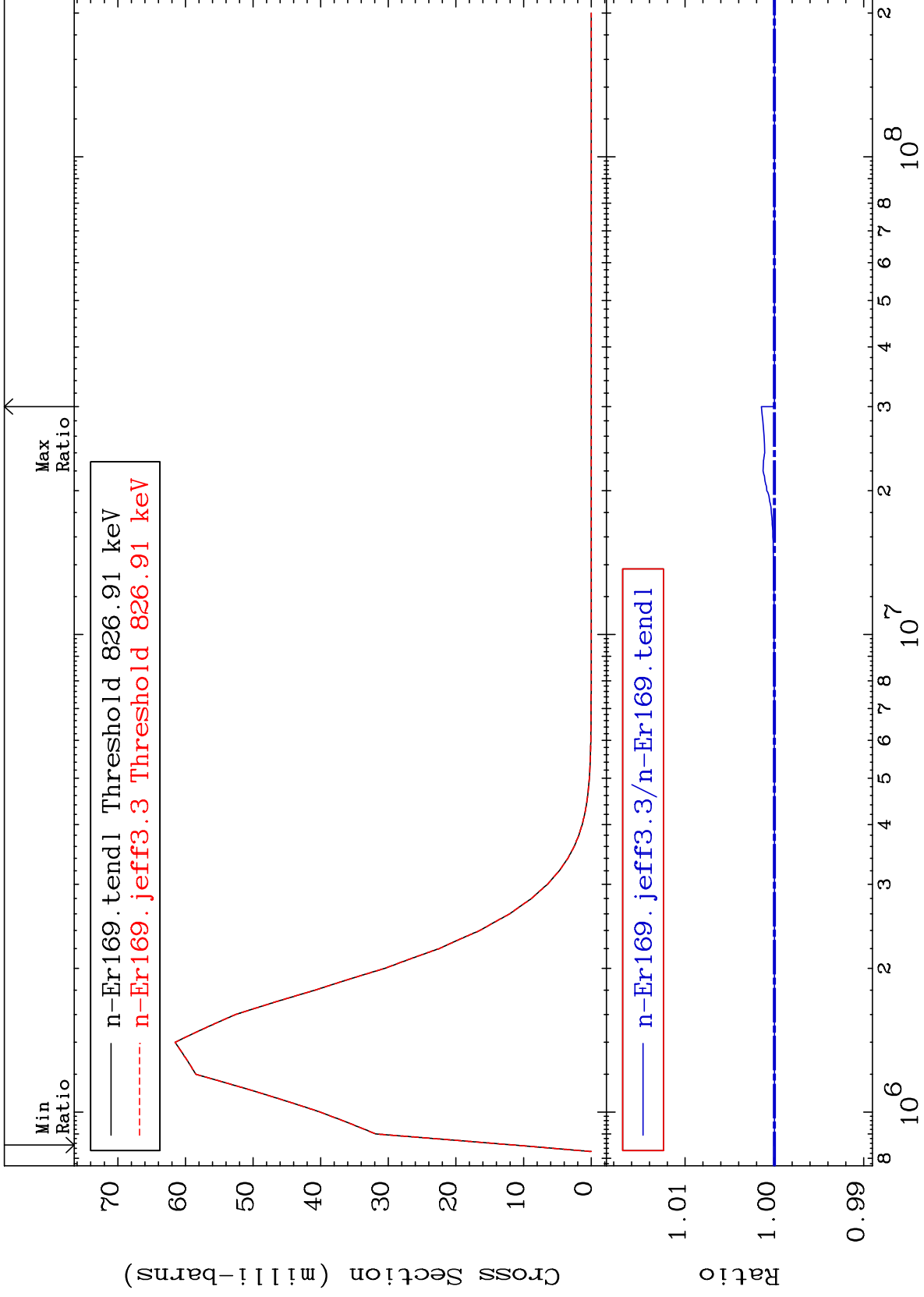
68-Er-169
-0.002 To 0.146 %



MAT 6846

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

68-Er-169
-0.002 To 0.146 %



35

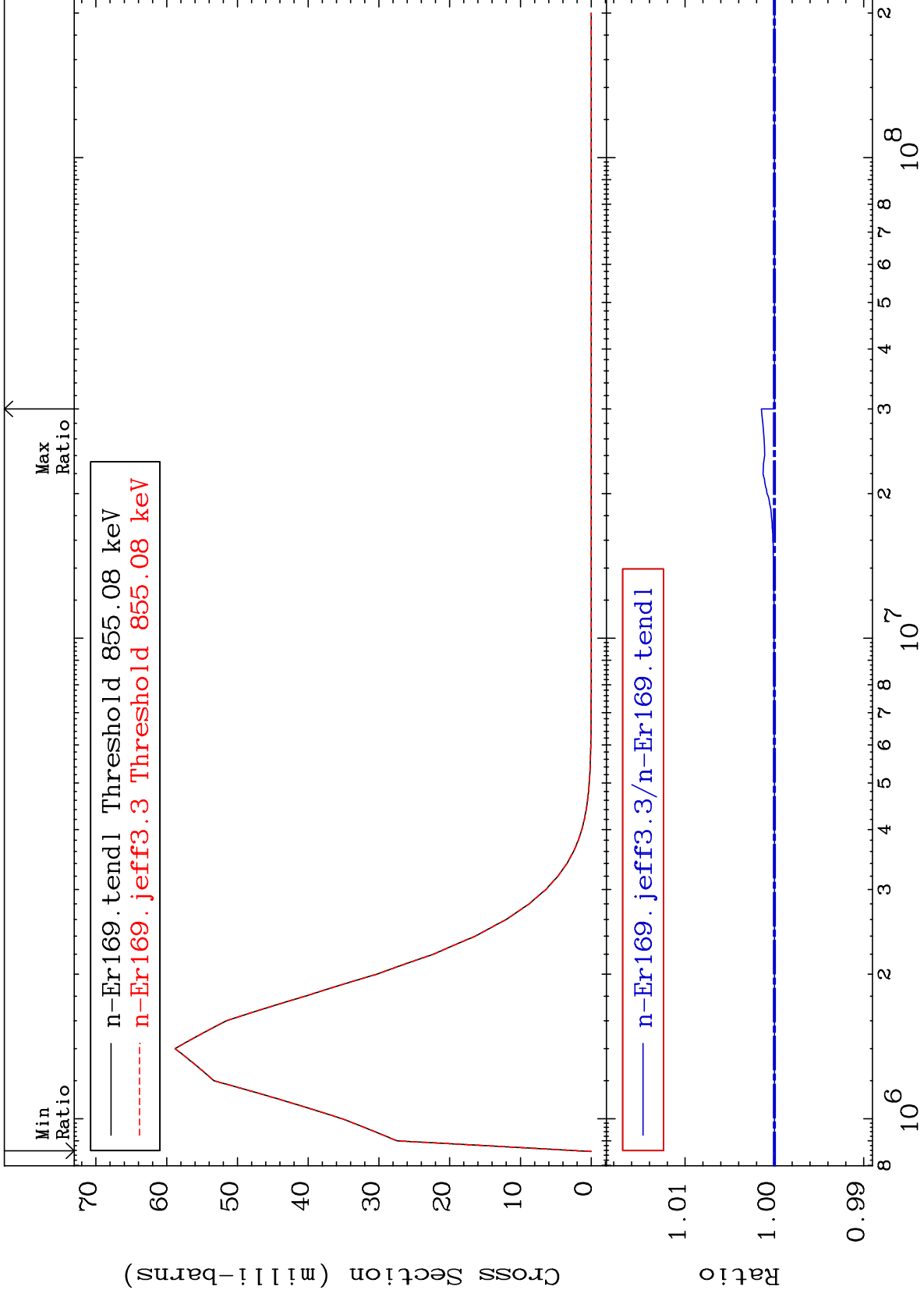
Incident Energy (eV)

68-Er-169

MAT 6846

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

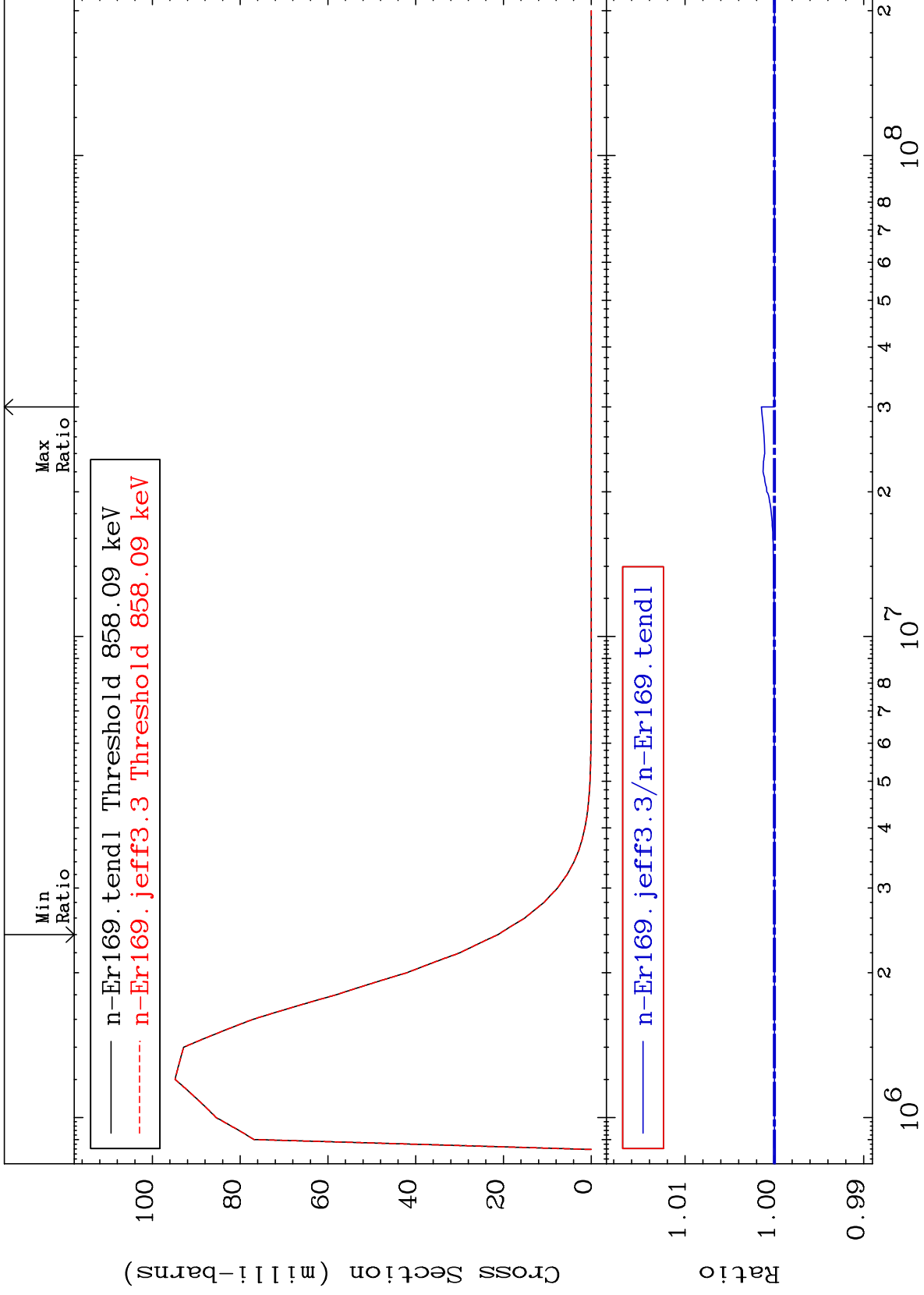
68-Er-169
-0.002 To 0.146 %



MAT 6846

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

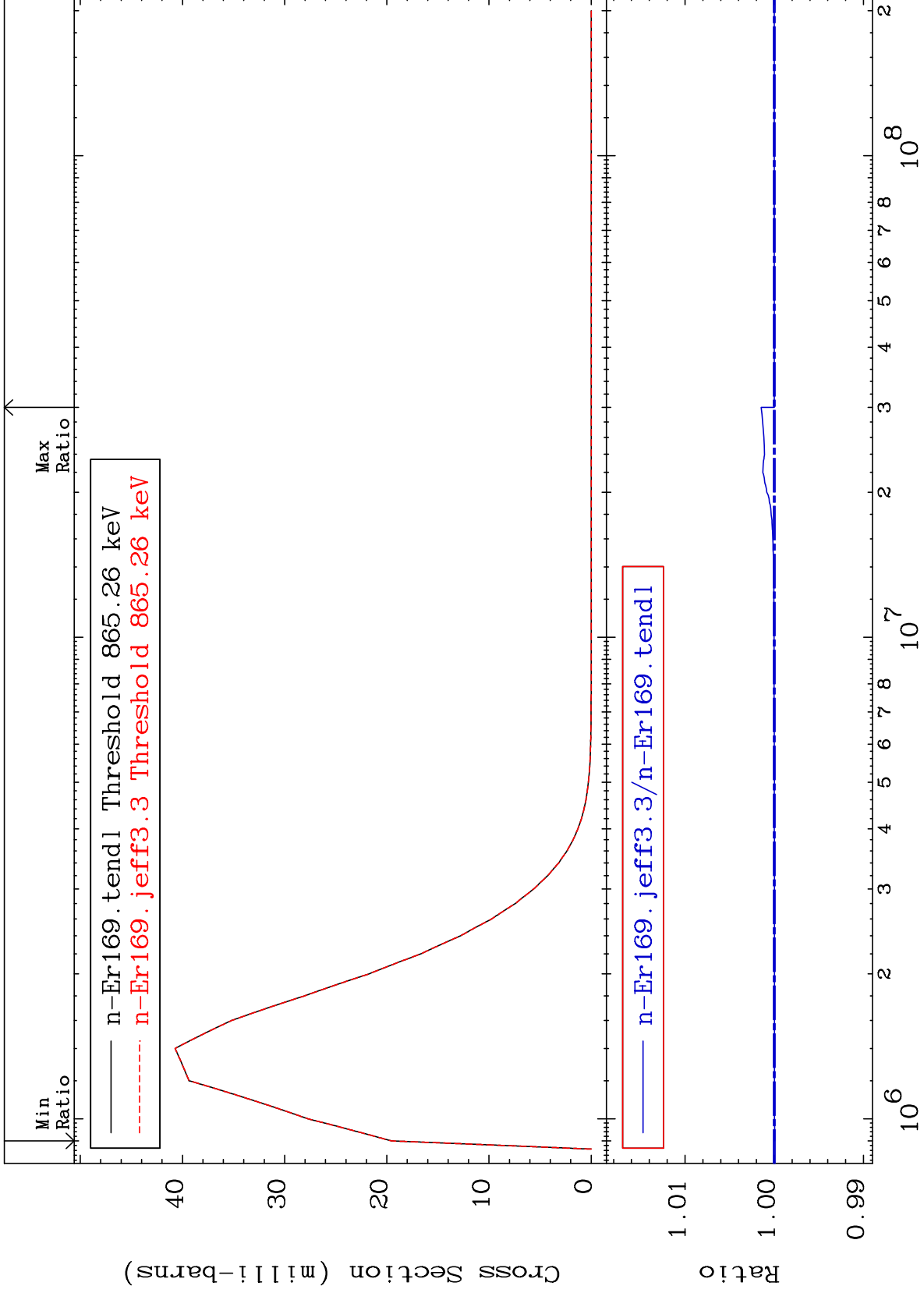
68-Er-169
-0.002 To 0.146 %



MAT 6846

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

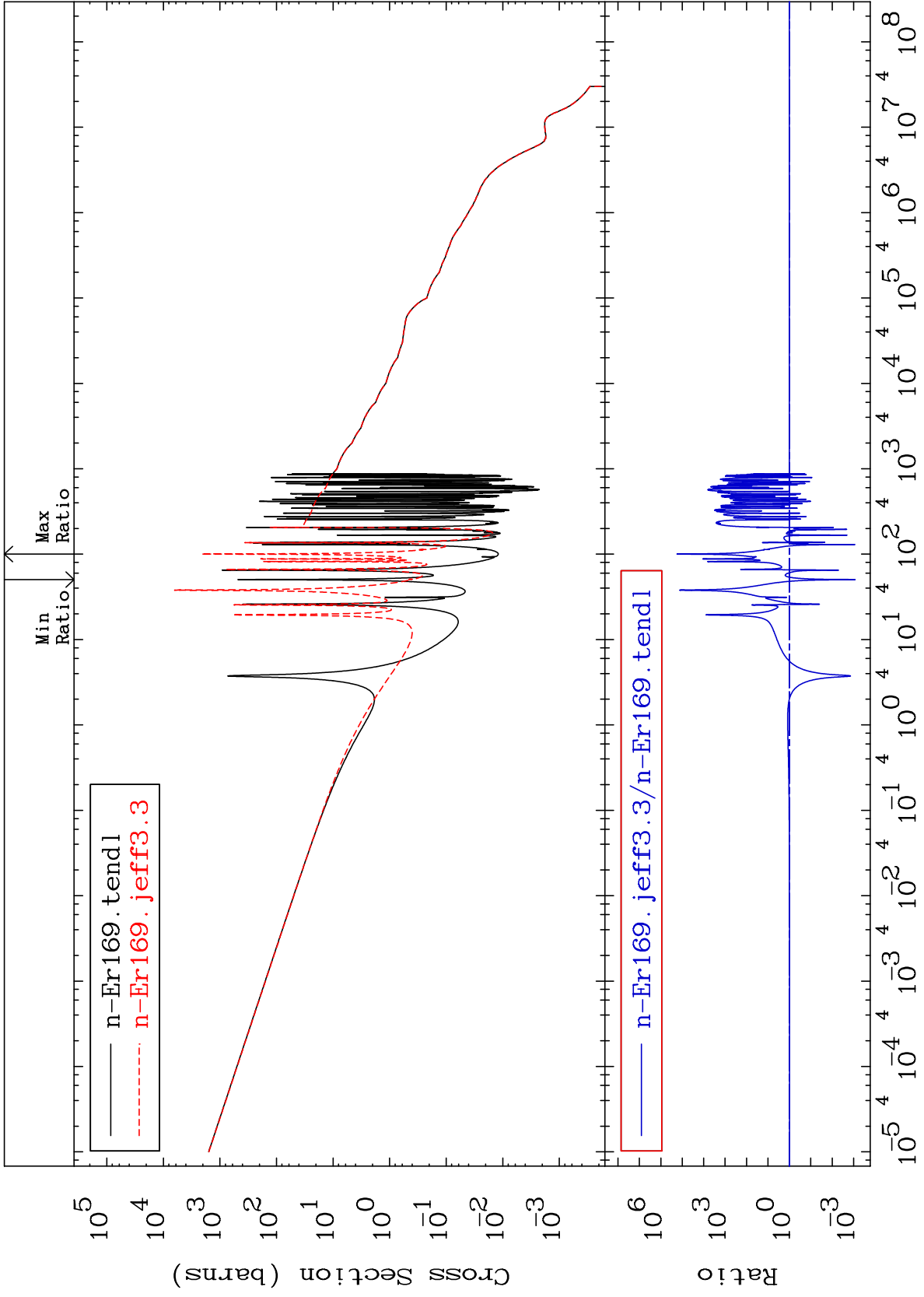
68-Er-169
-0.004 To 0.146 %



MAT 6846

(n, γ)
Cross Section

68-Er-169
-99.91 To 9999. %



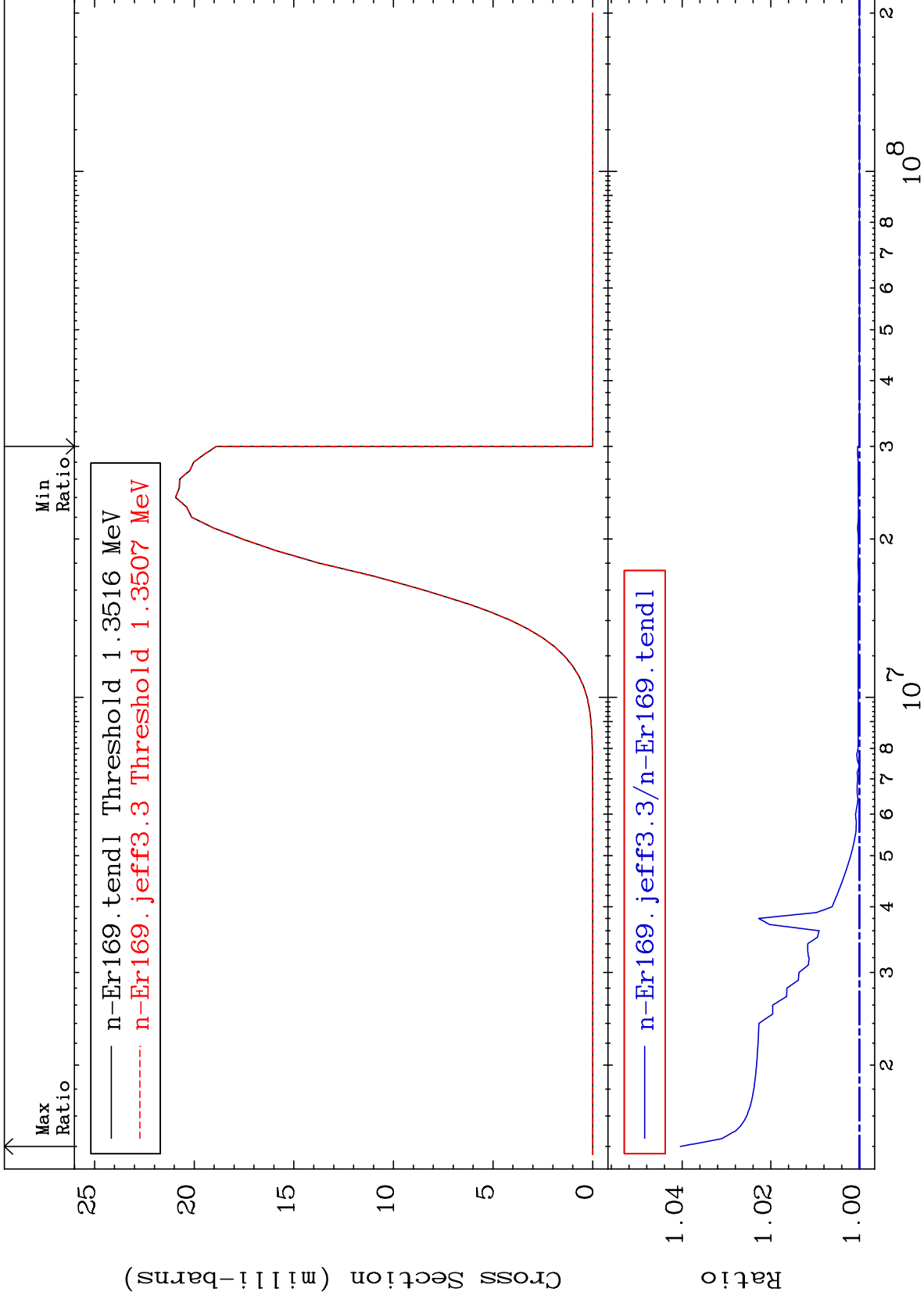
MAT 6846

(n,p)

68-Er-169

Cross Section

0.000 To 4.041 %



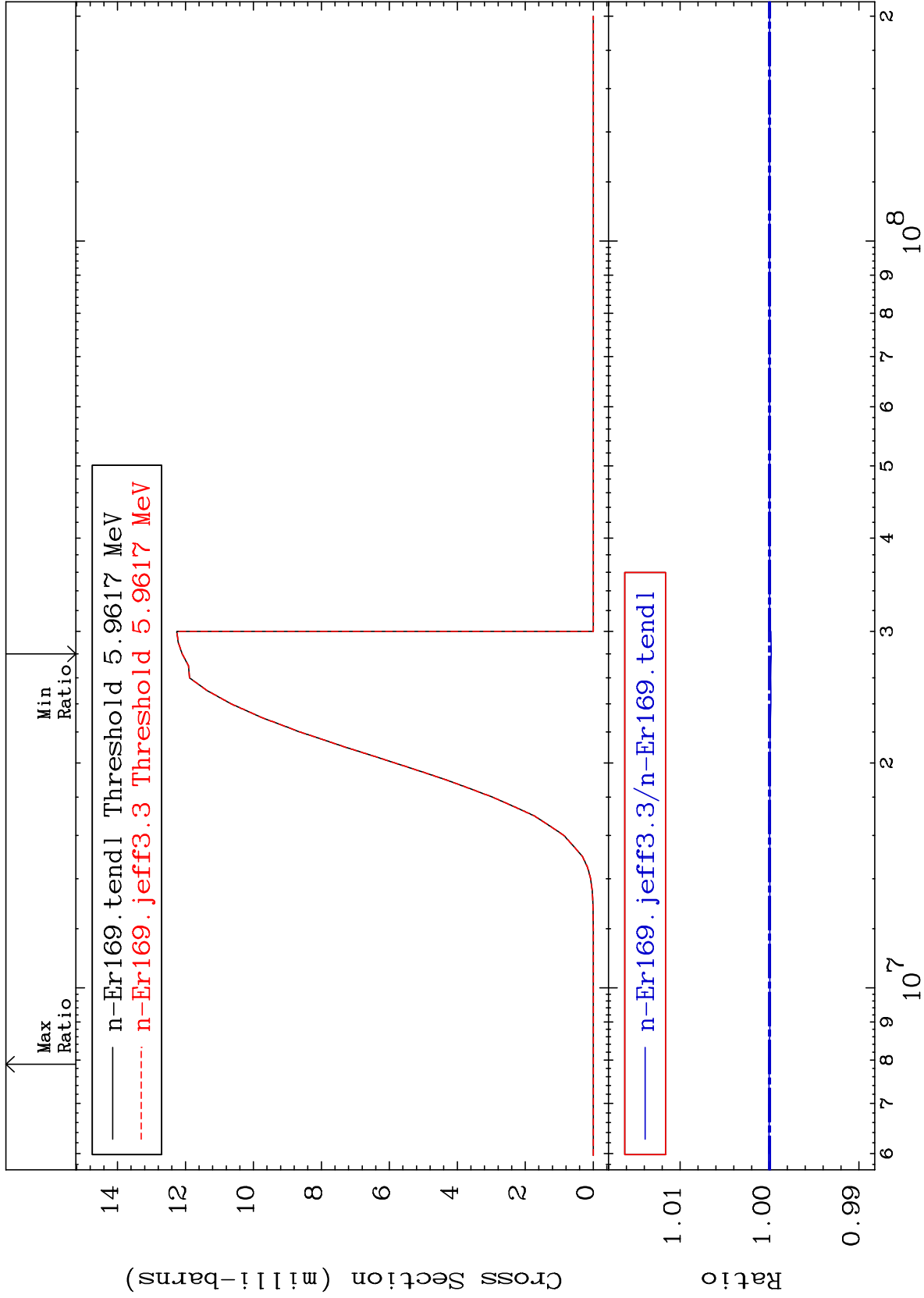
MAT 6846

(n, d)

68-Er-169

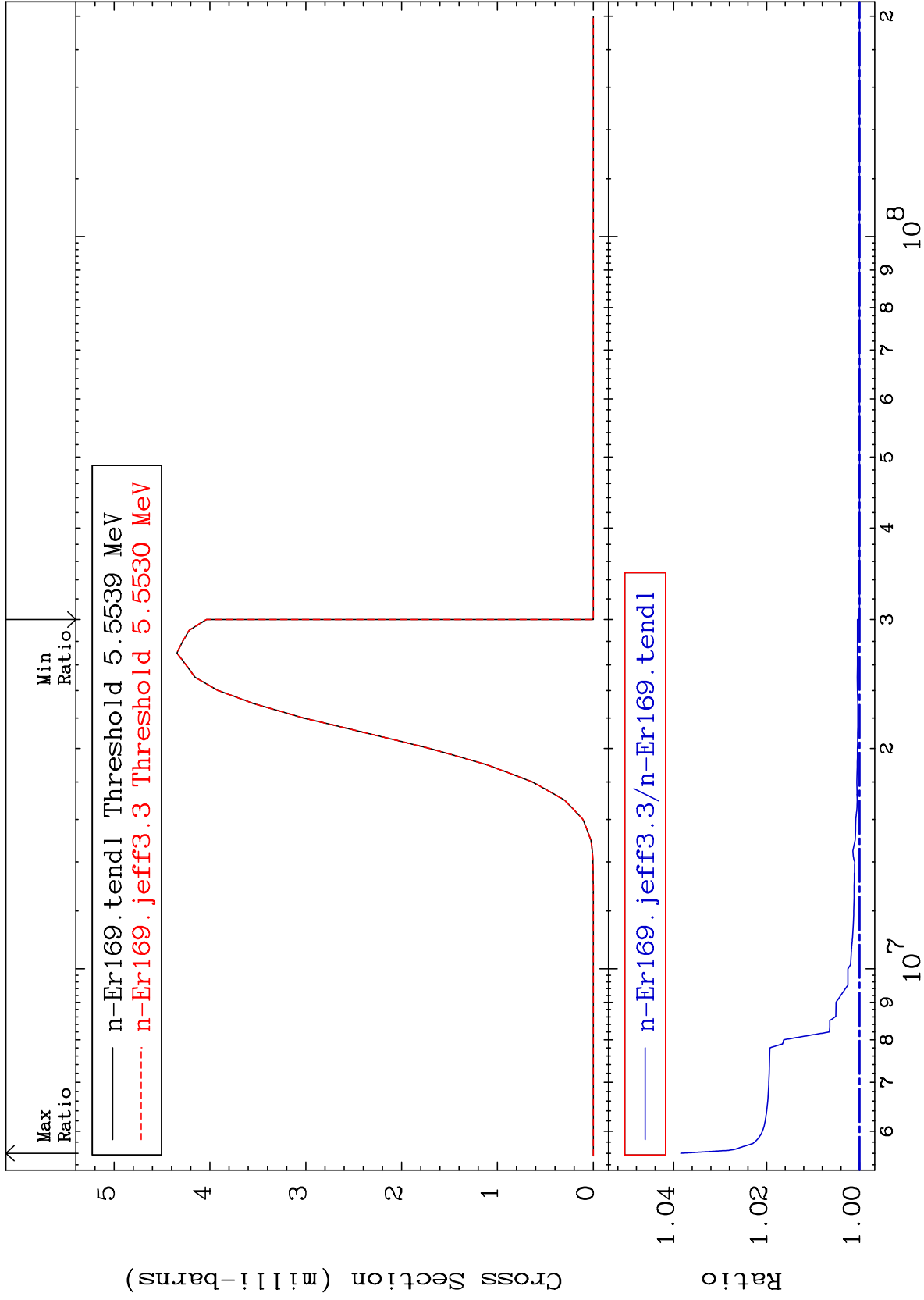
Cross Section

-0.020 To 0.005 %



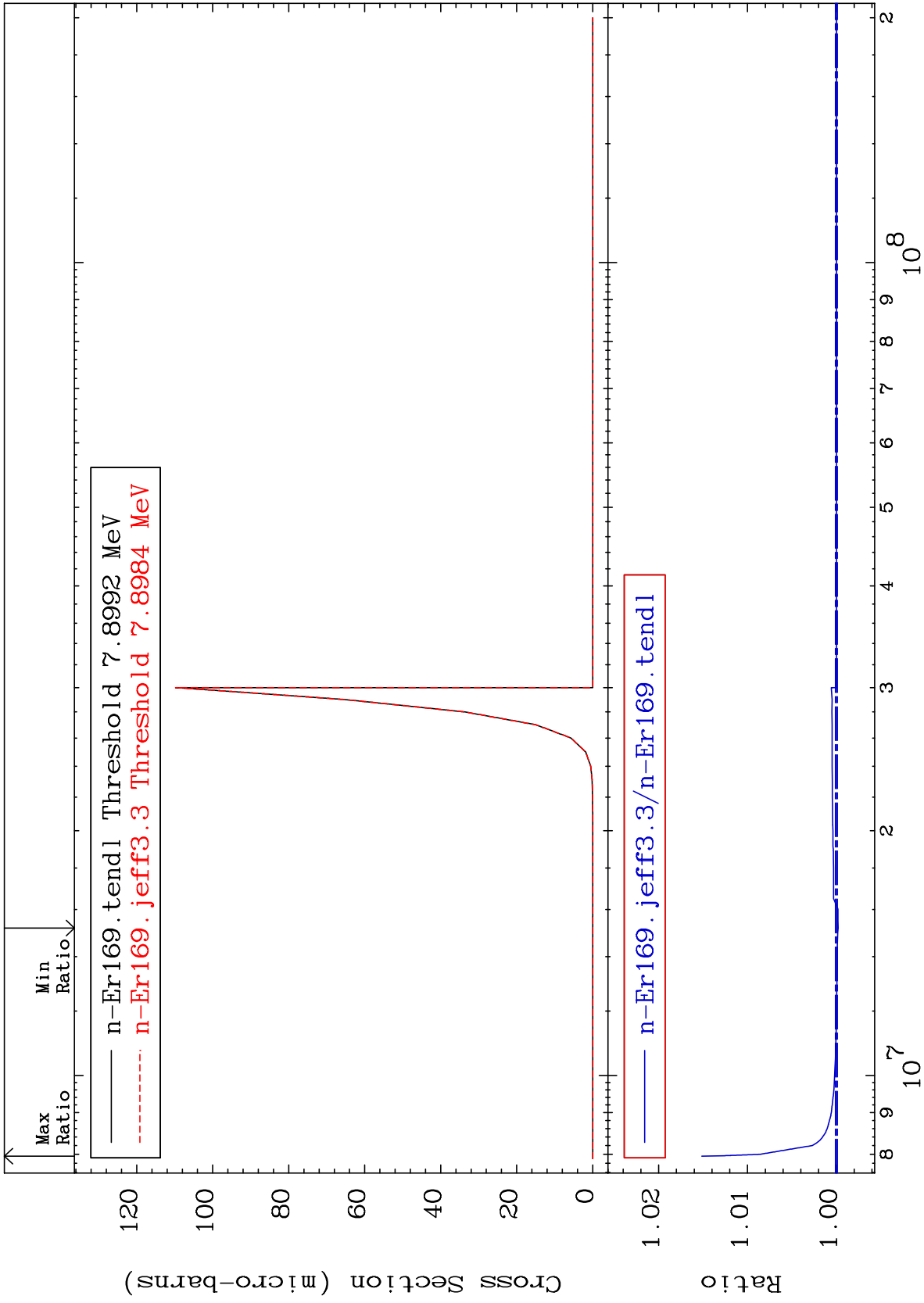
MAT 6846

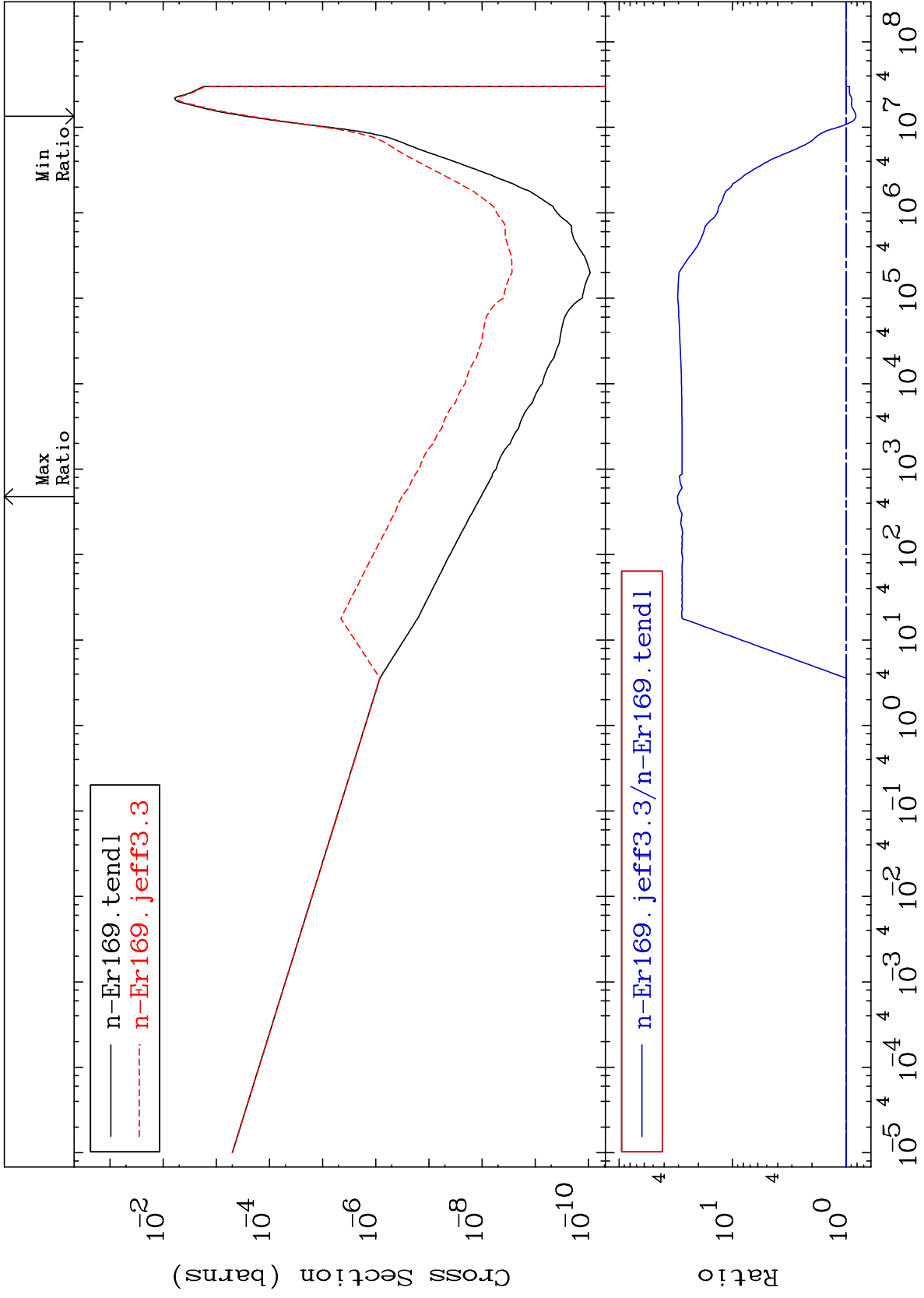
(n, t)
Cross Section
68-Er-169
To 3.847 %
0.000



Cross Section

-0.019 To 1.515 %





MAT 6846

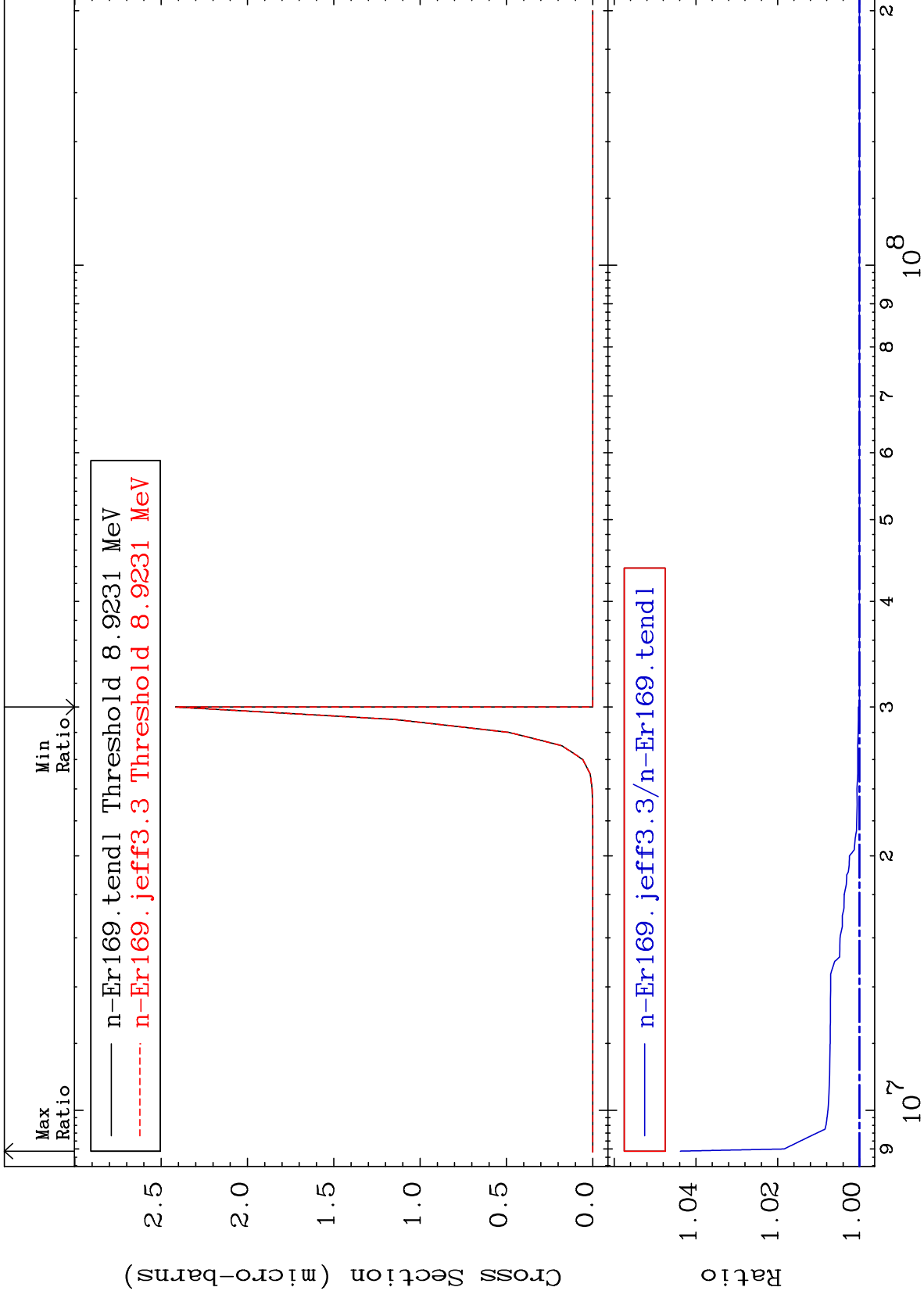
(n,2p)

68-Er-169

Cross Section

0.000

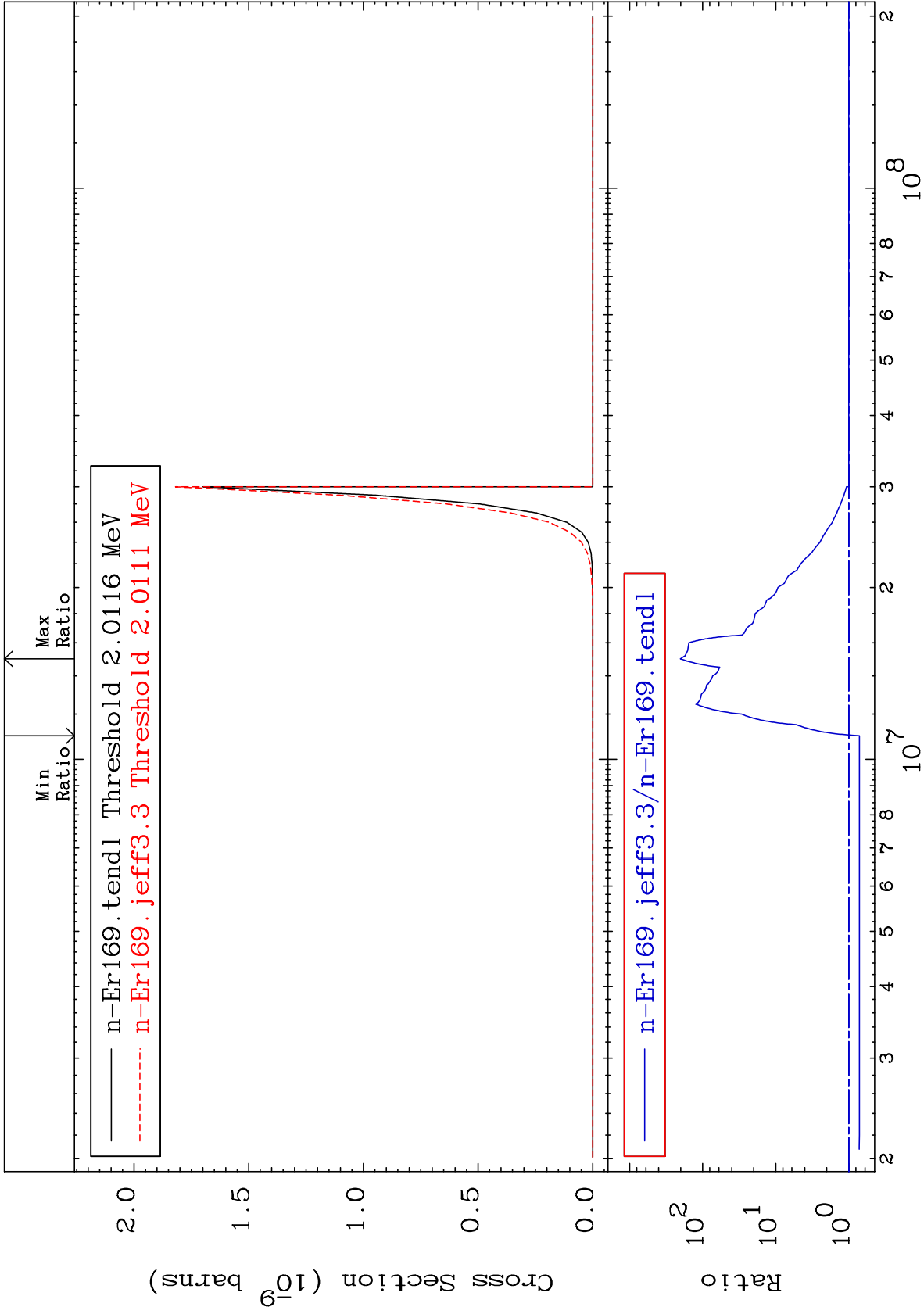
To 4.381 %

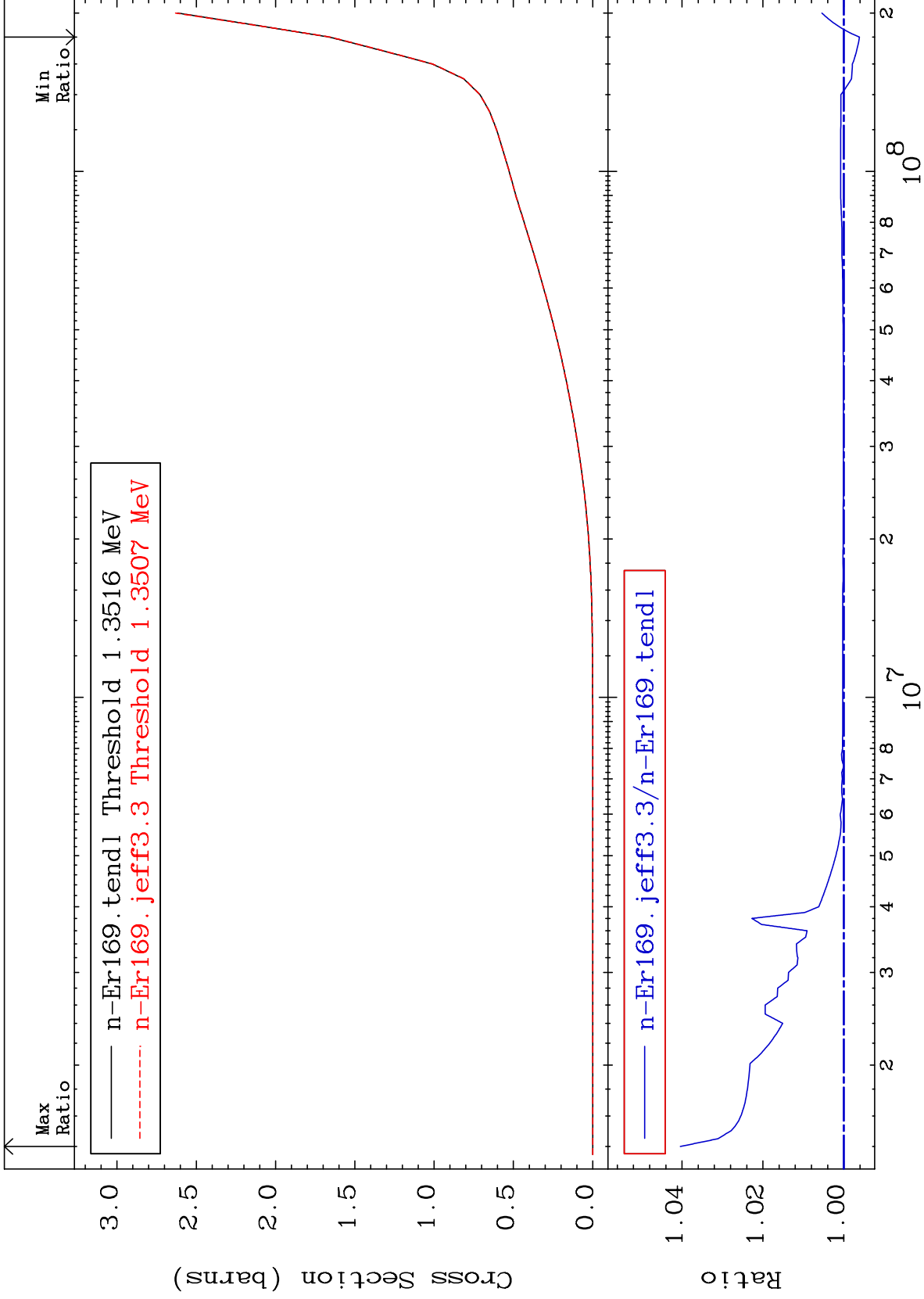


45

68-Er-169

68-Er-169

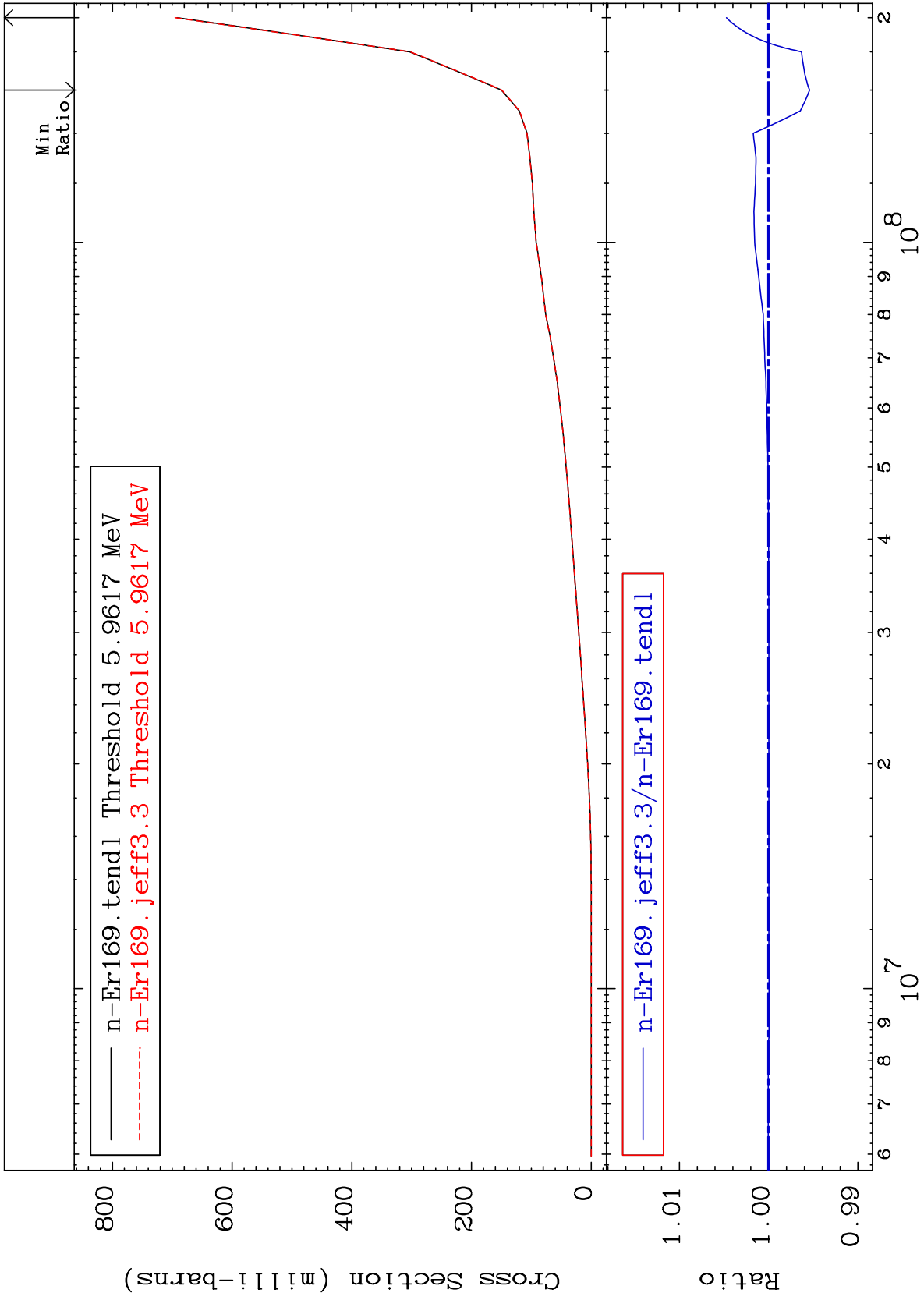




MAT 6846

Deuterium Production
Cross Section

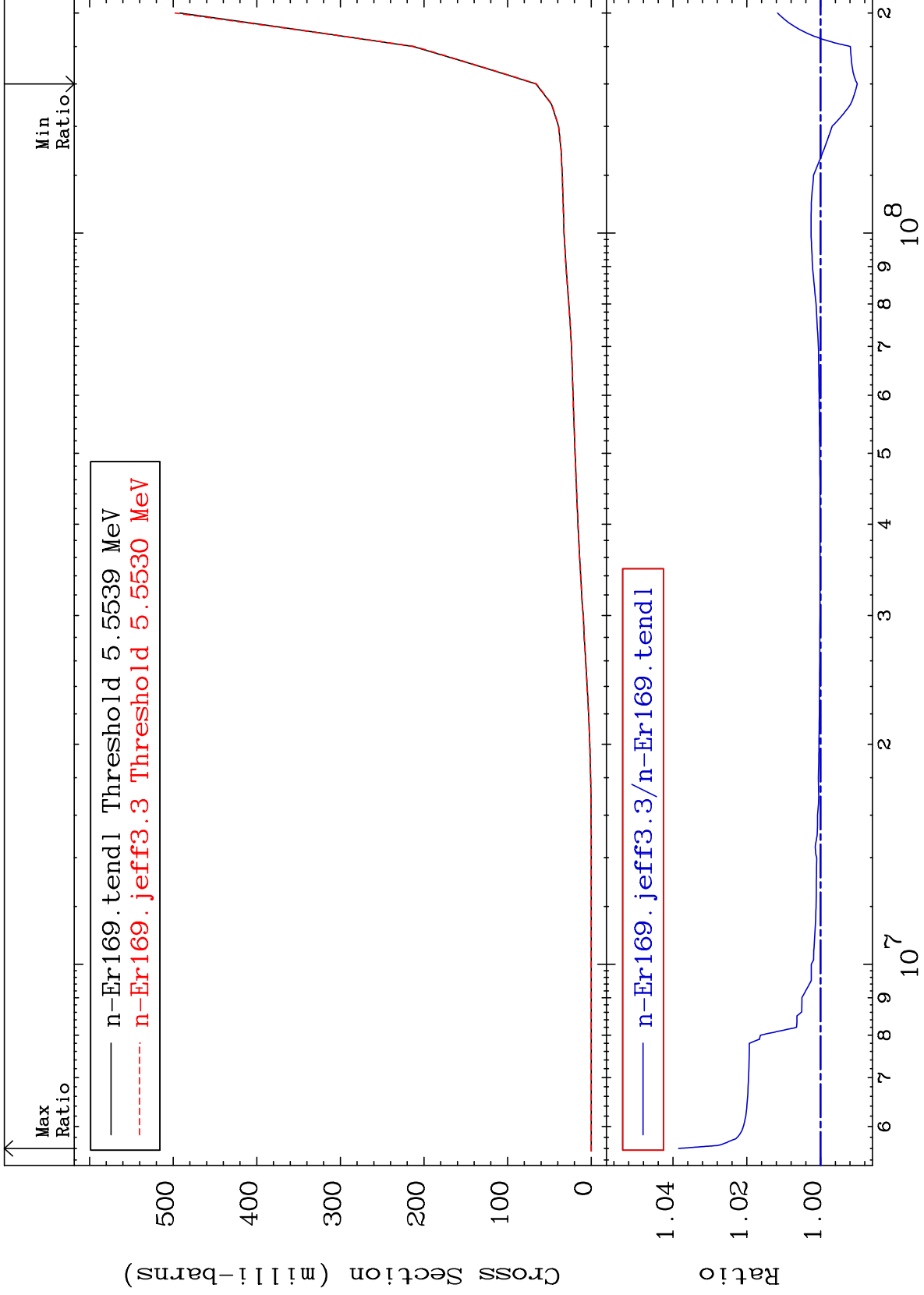
68-Er-169
-0.458 To 0.474 %



48

Incident Energy (eV)

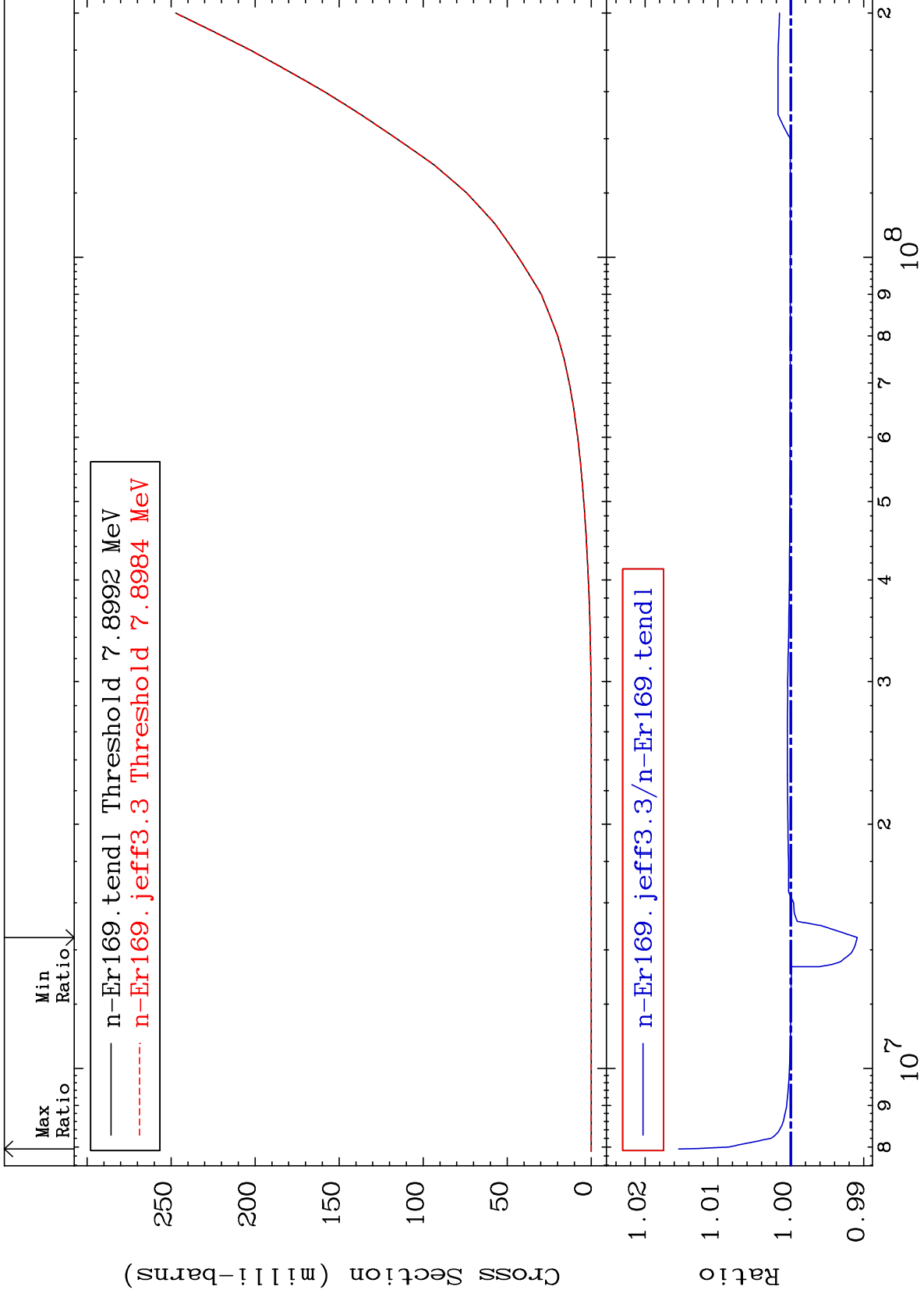
68-Er-169



MAT 6846

He-3 Production
Cross Section

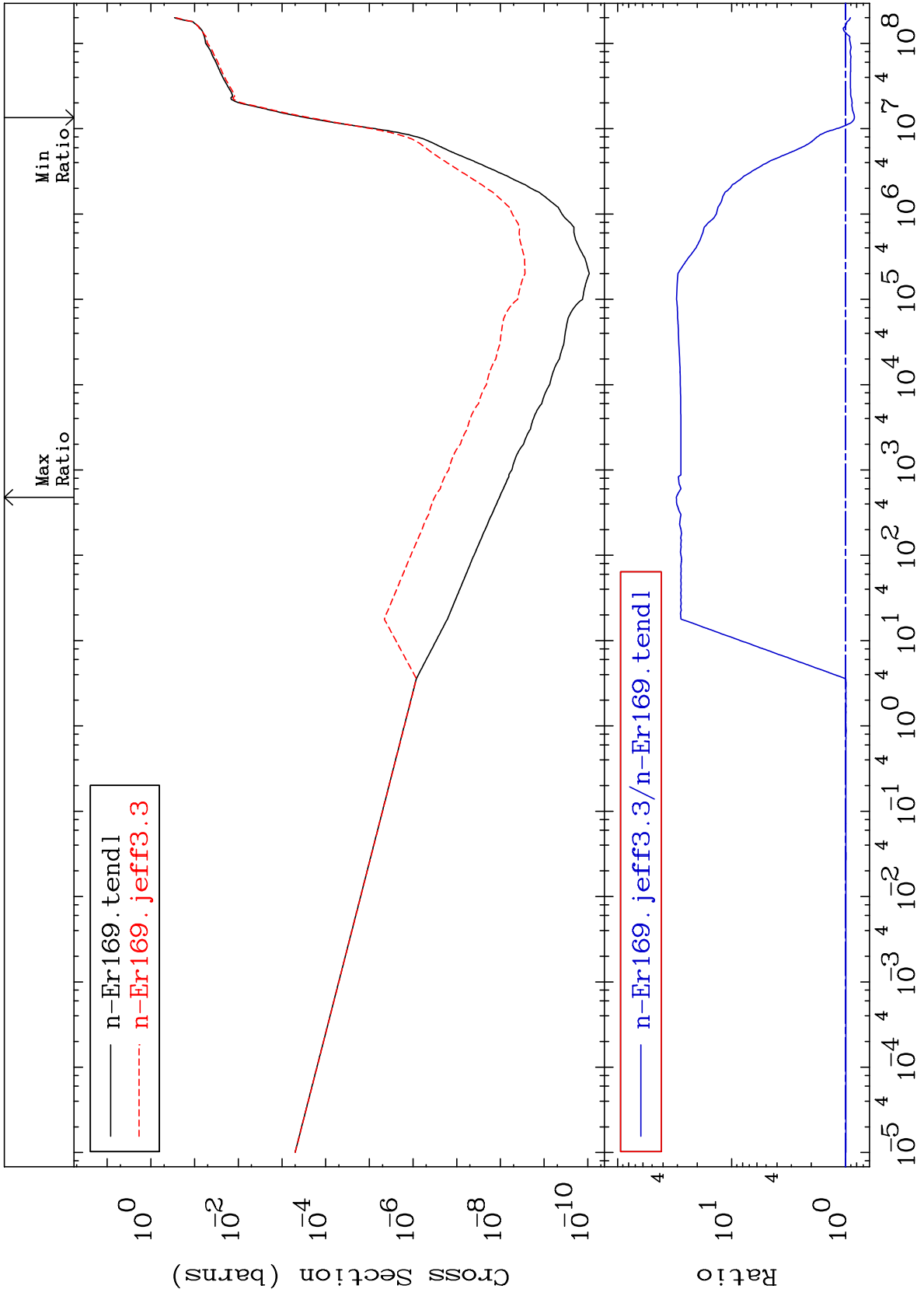
68-Er-169
-0.911 To 1.539 %

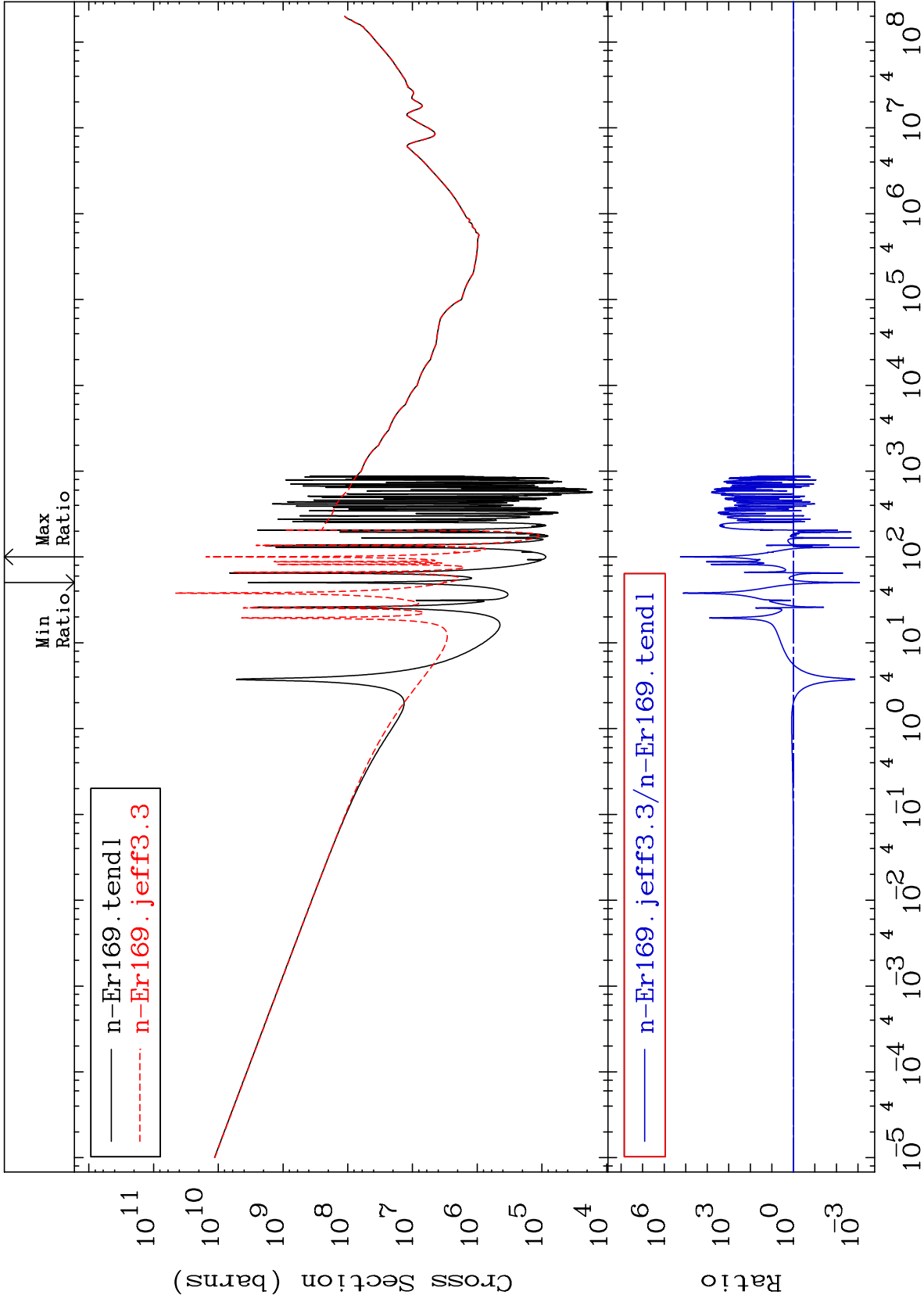


50

Incident Energy (eV)

68-Er-169

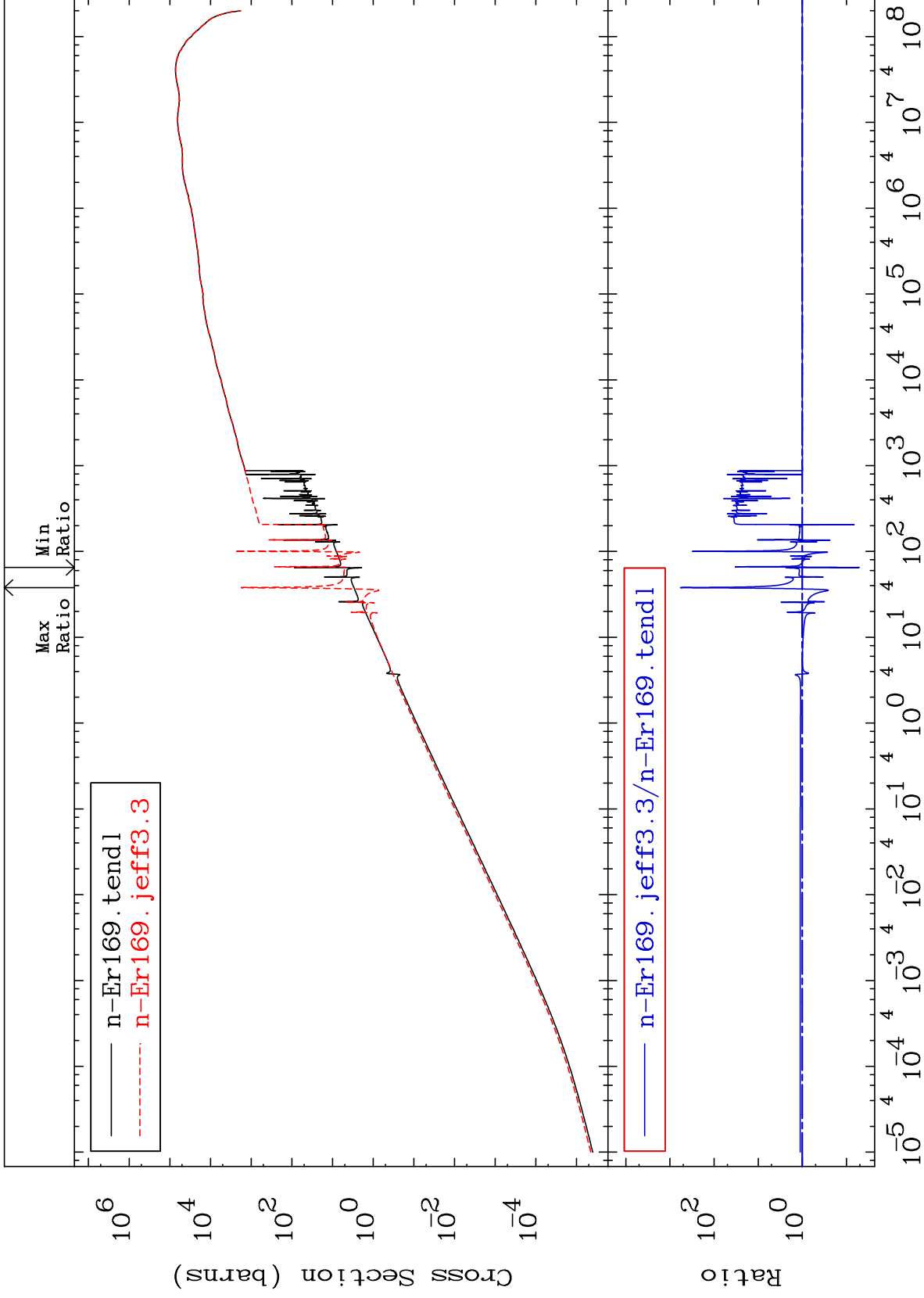


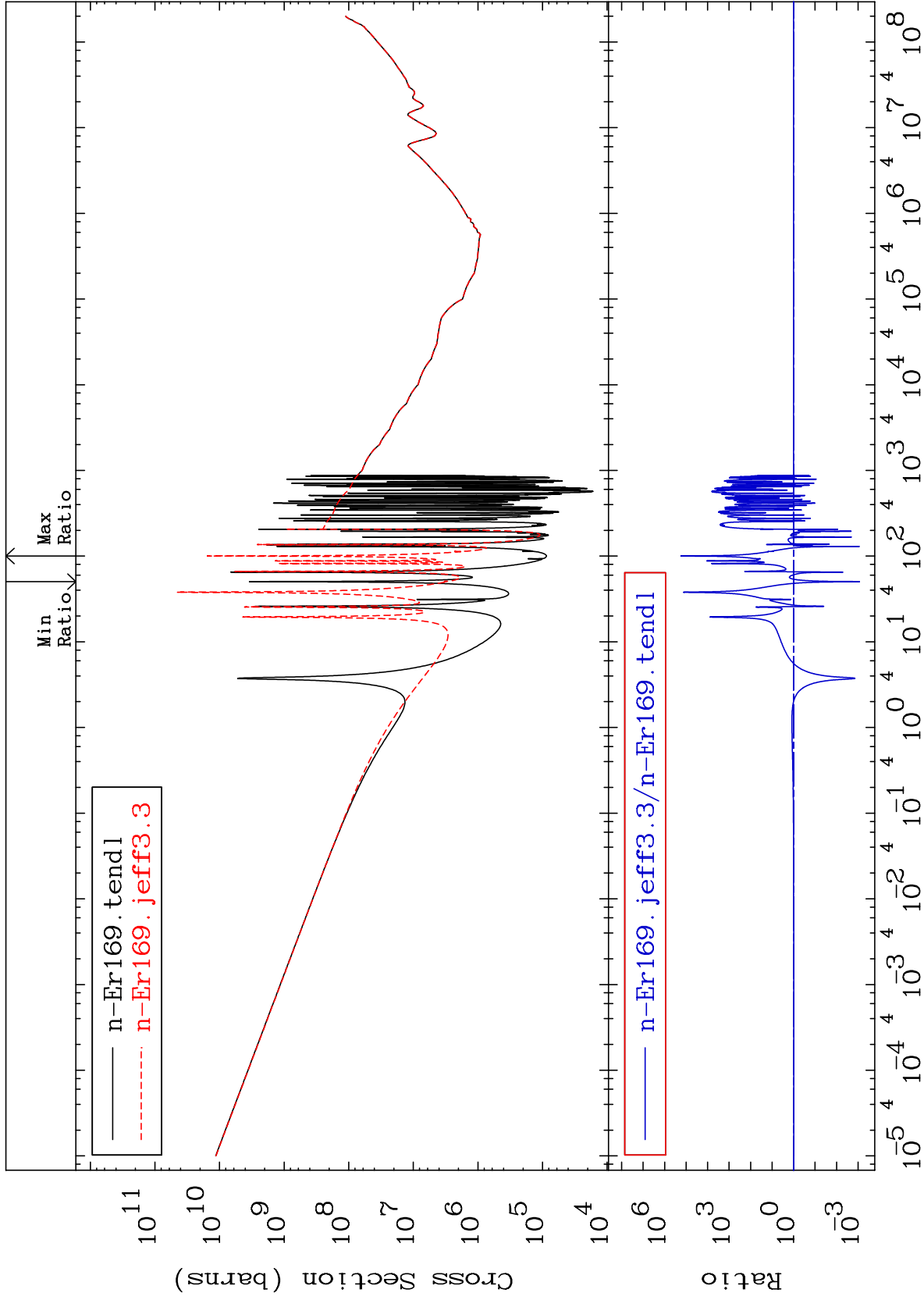


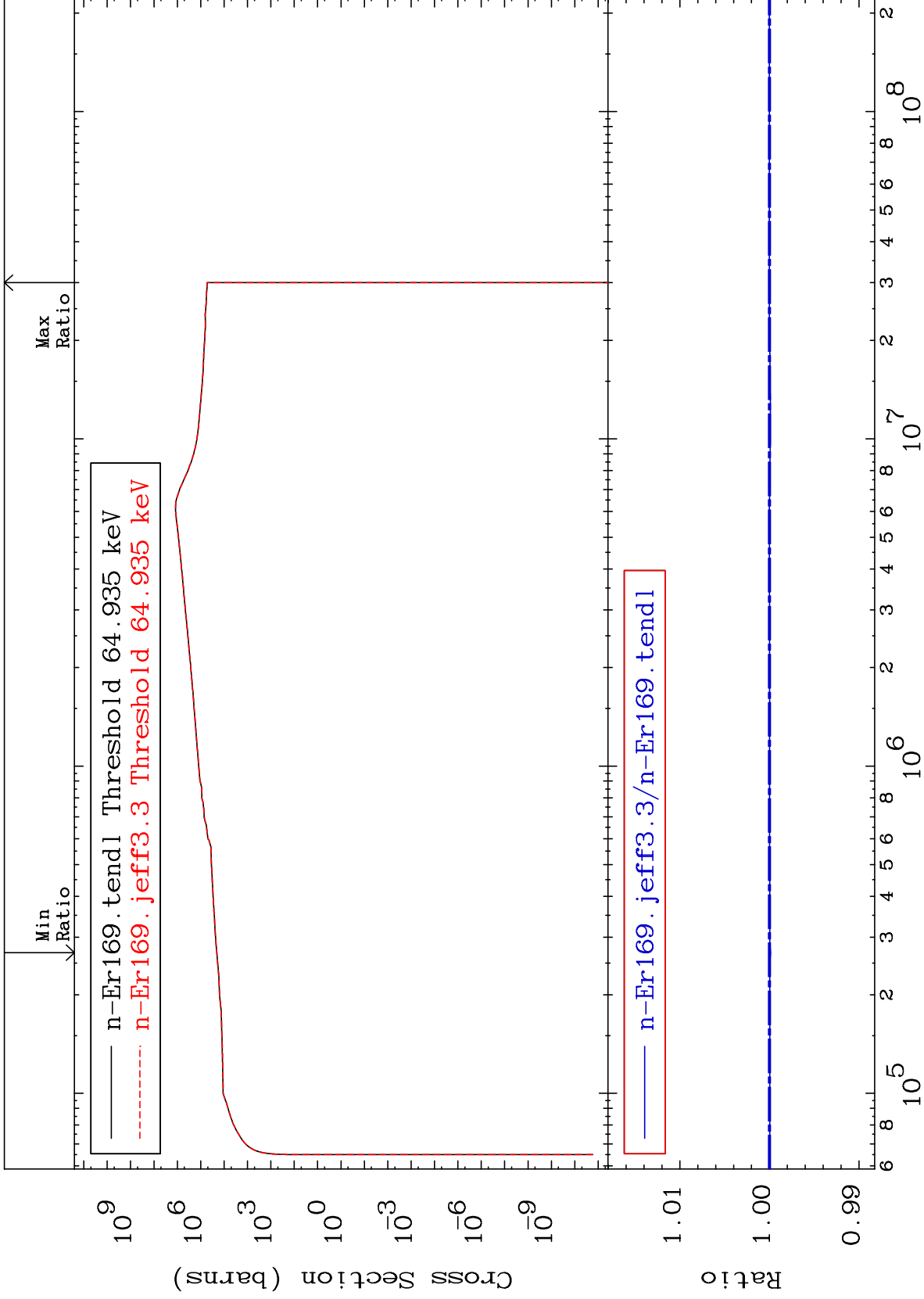
MAT 6846

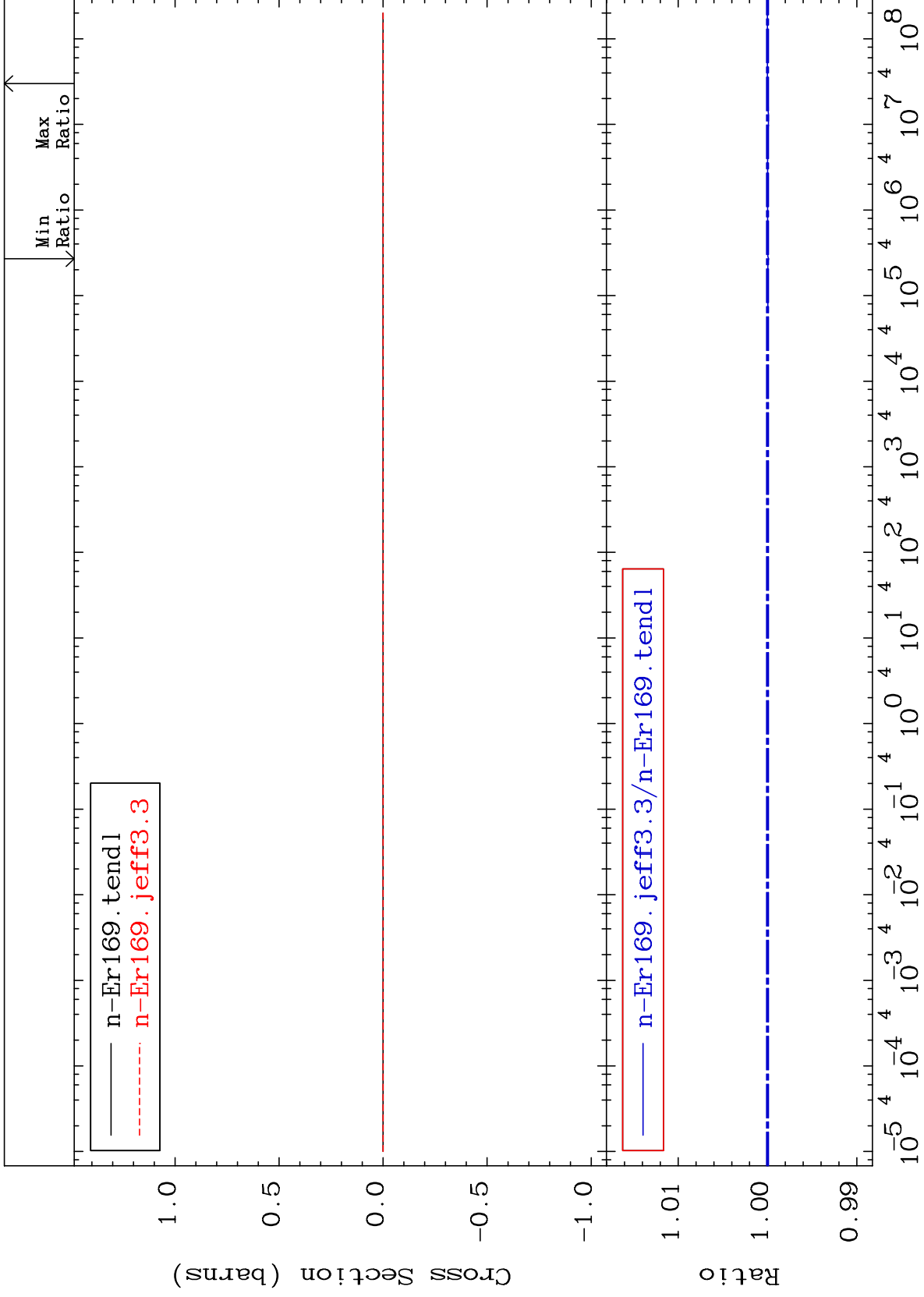
Kerma elastic
Cross Section

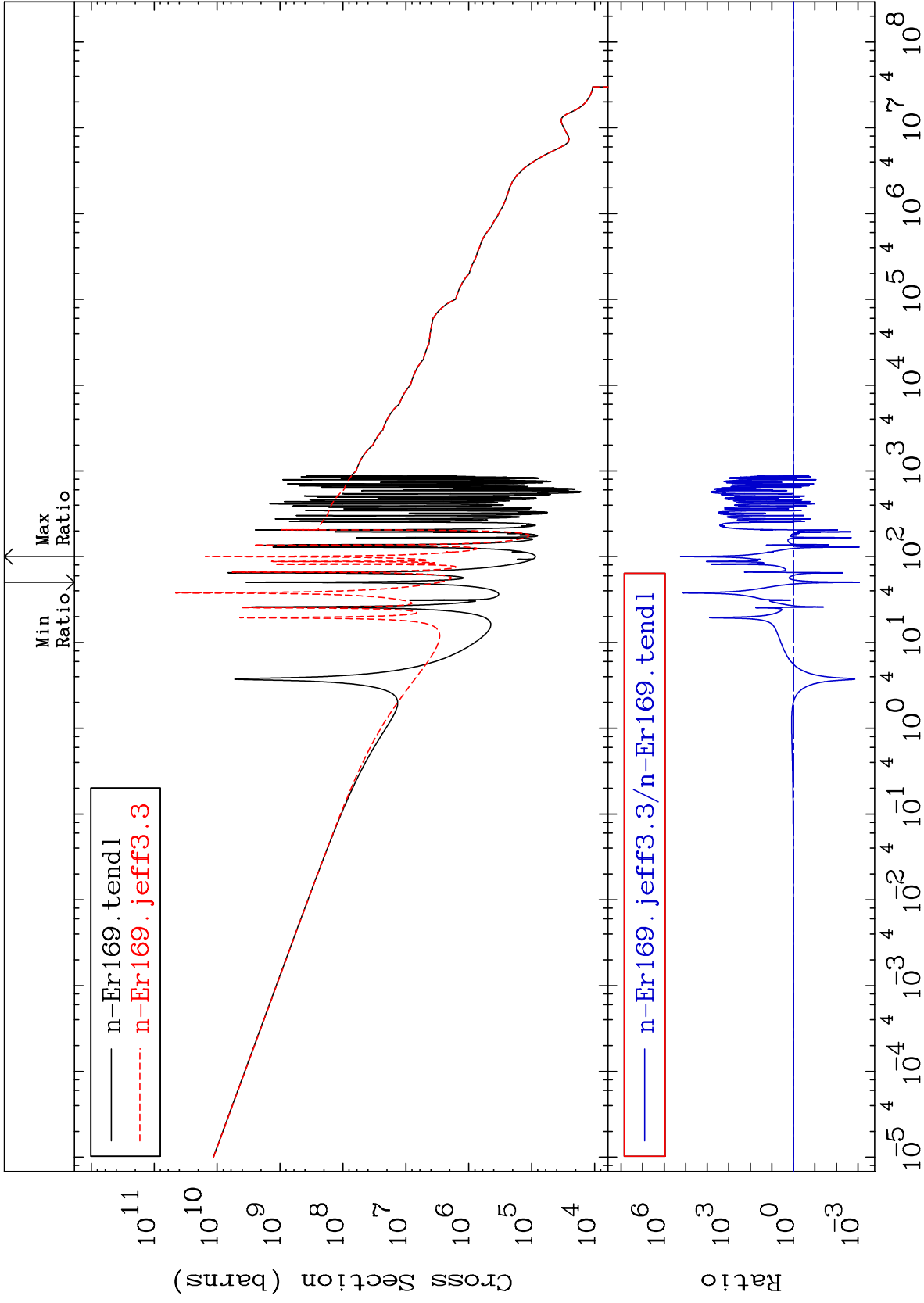
68-Er-169
-94.90 To 9999. %

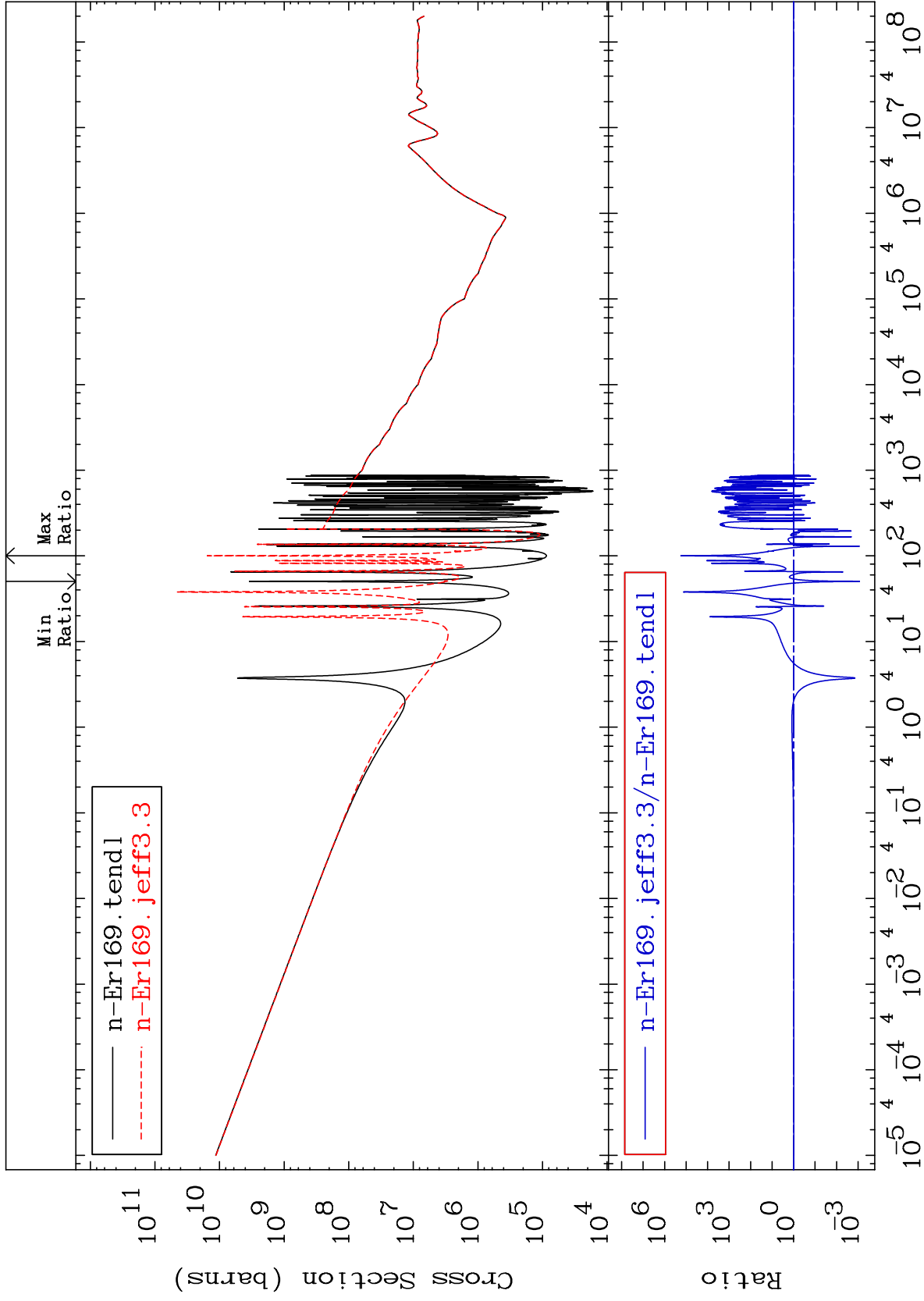


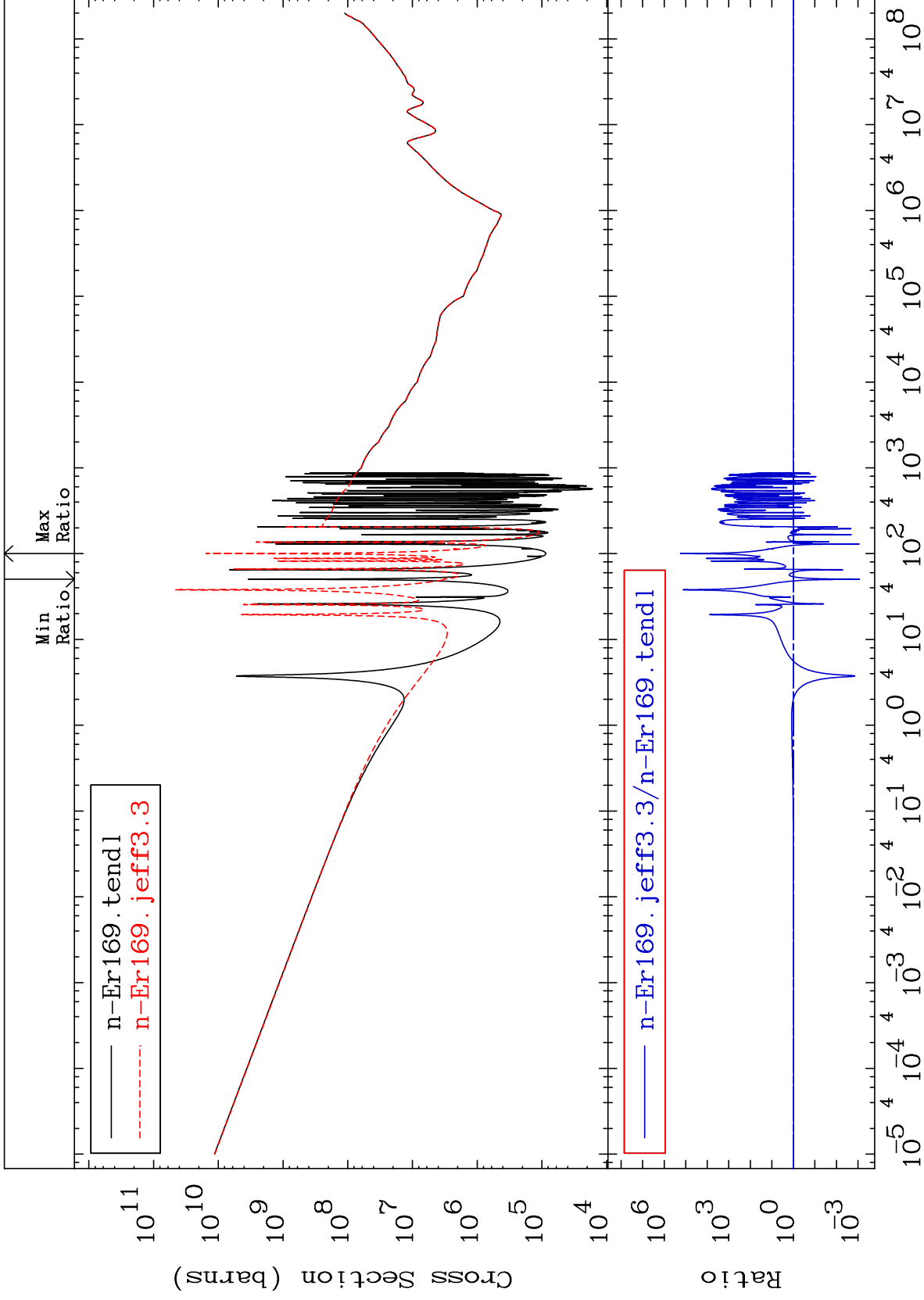


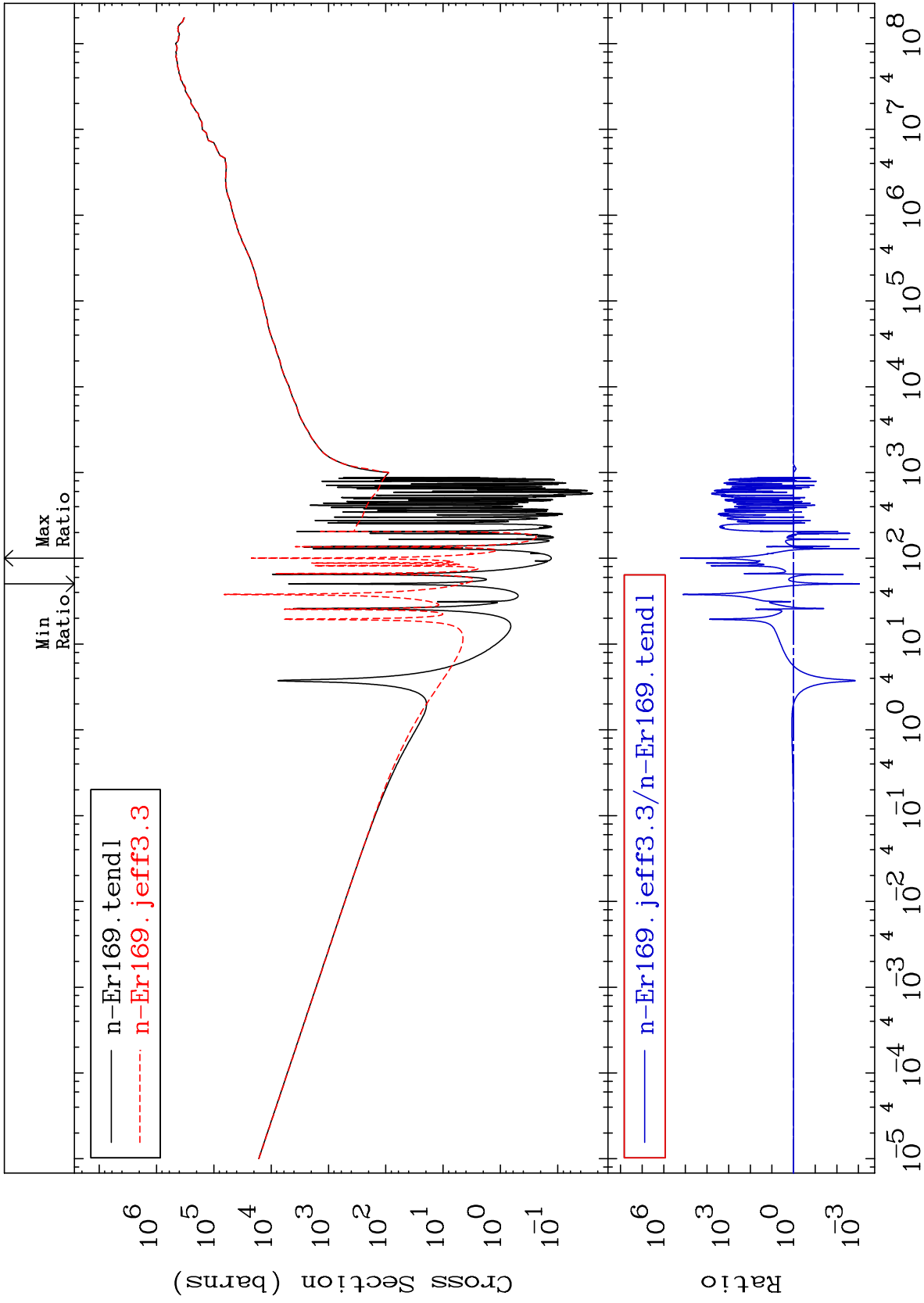








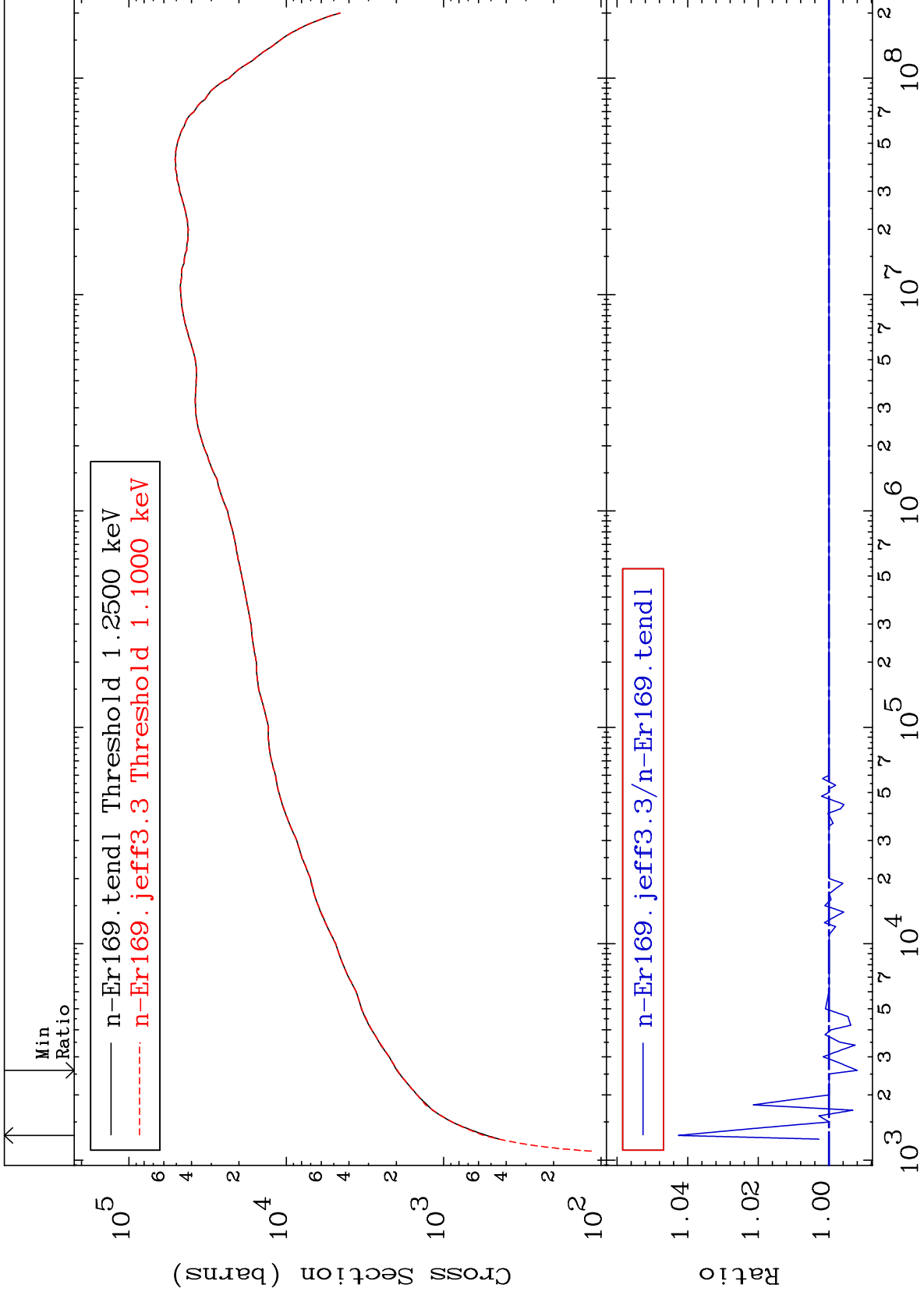




MAT 6846

Dpa elastic (mt2)
Cross Section

68-Er-169
-0.800 To 4.257 %



61

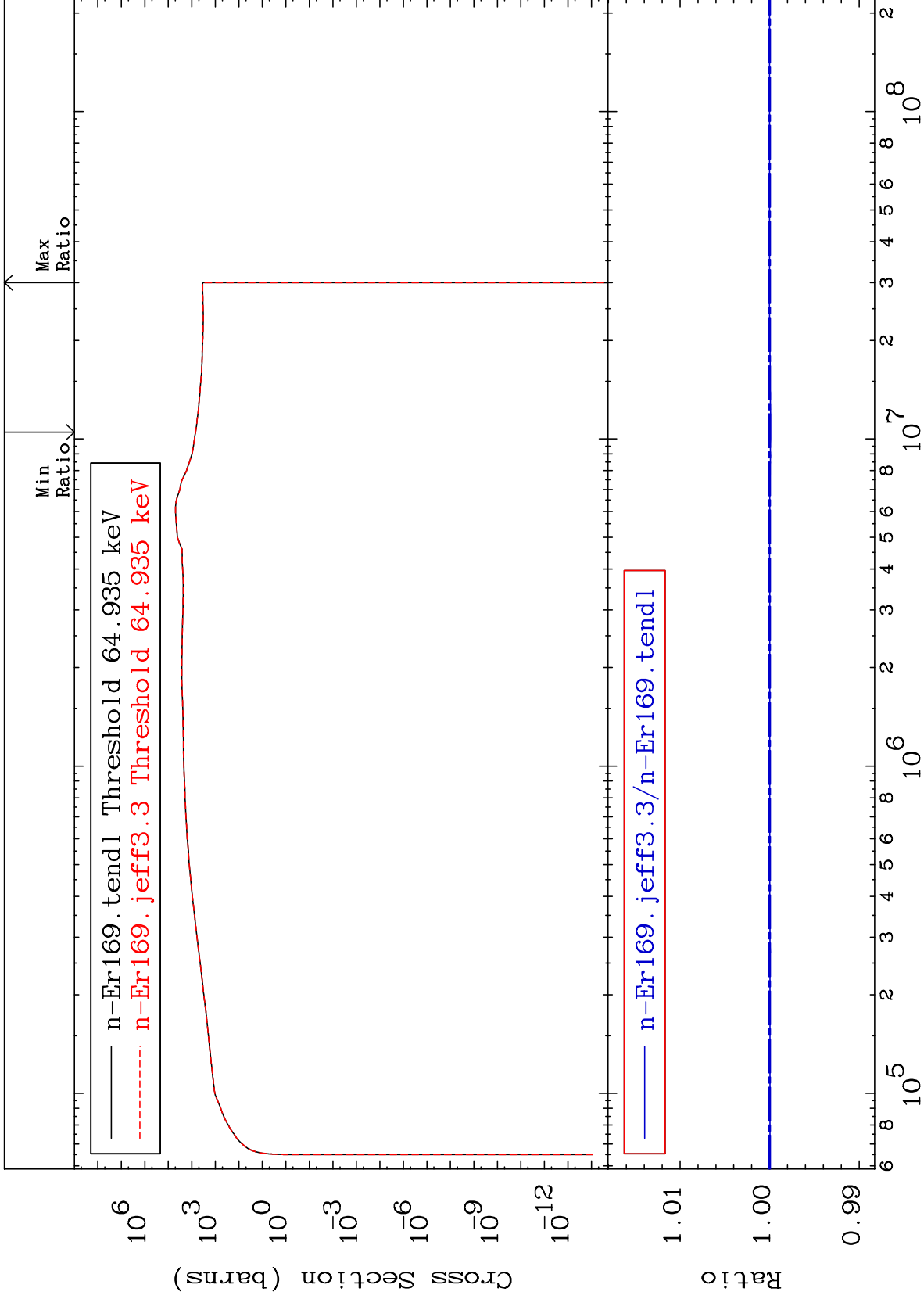
Incident Energy (eV)

68-Er-169

MAT 6846

Dpa inelastic (mt51-91)
Cross Section

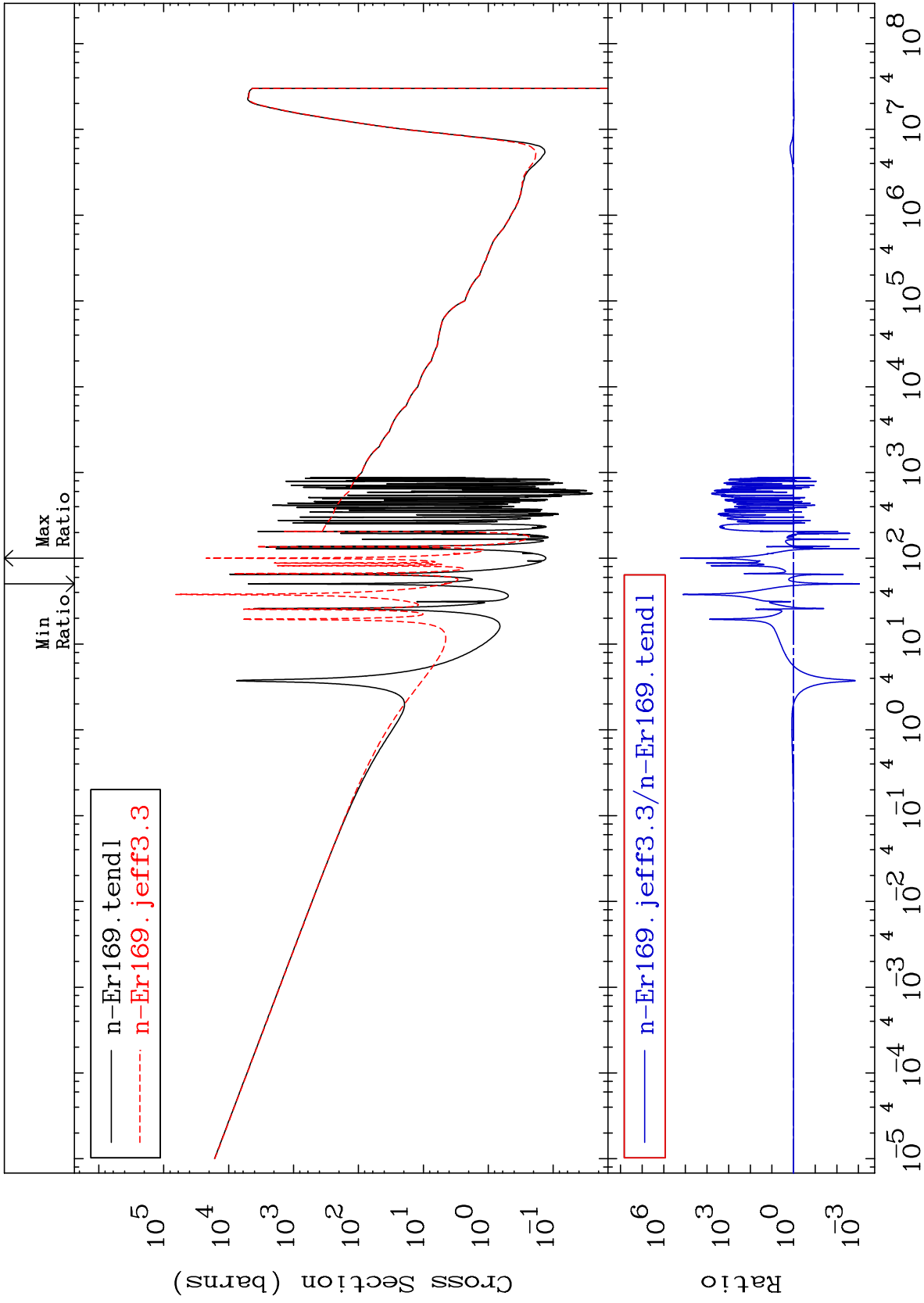
68-Er-169
-0.011 To 0.004 %



62

Incident Energy (eV)

68-Er-169

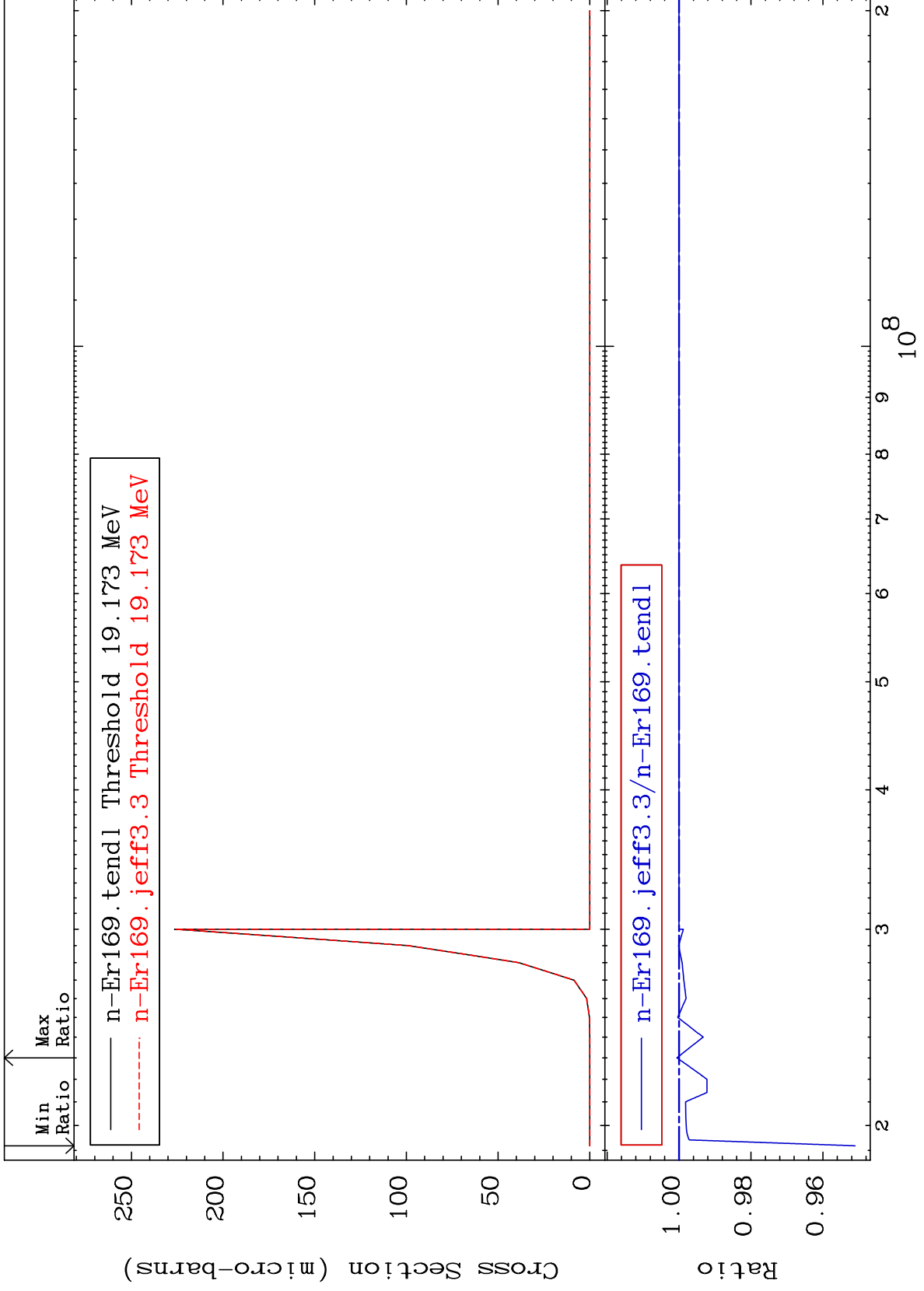


MAT 6846

(n,2n) d:67-Ho-166g

68-Er-169

Radionuclide Production Cross Section -4.894 To 0.059 %

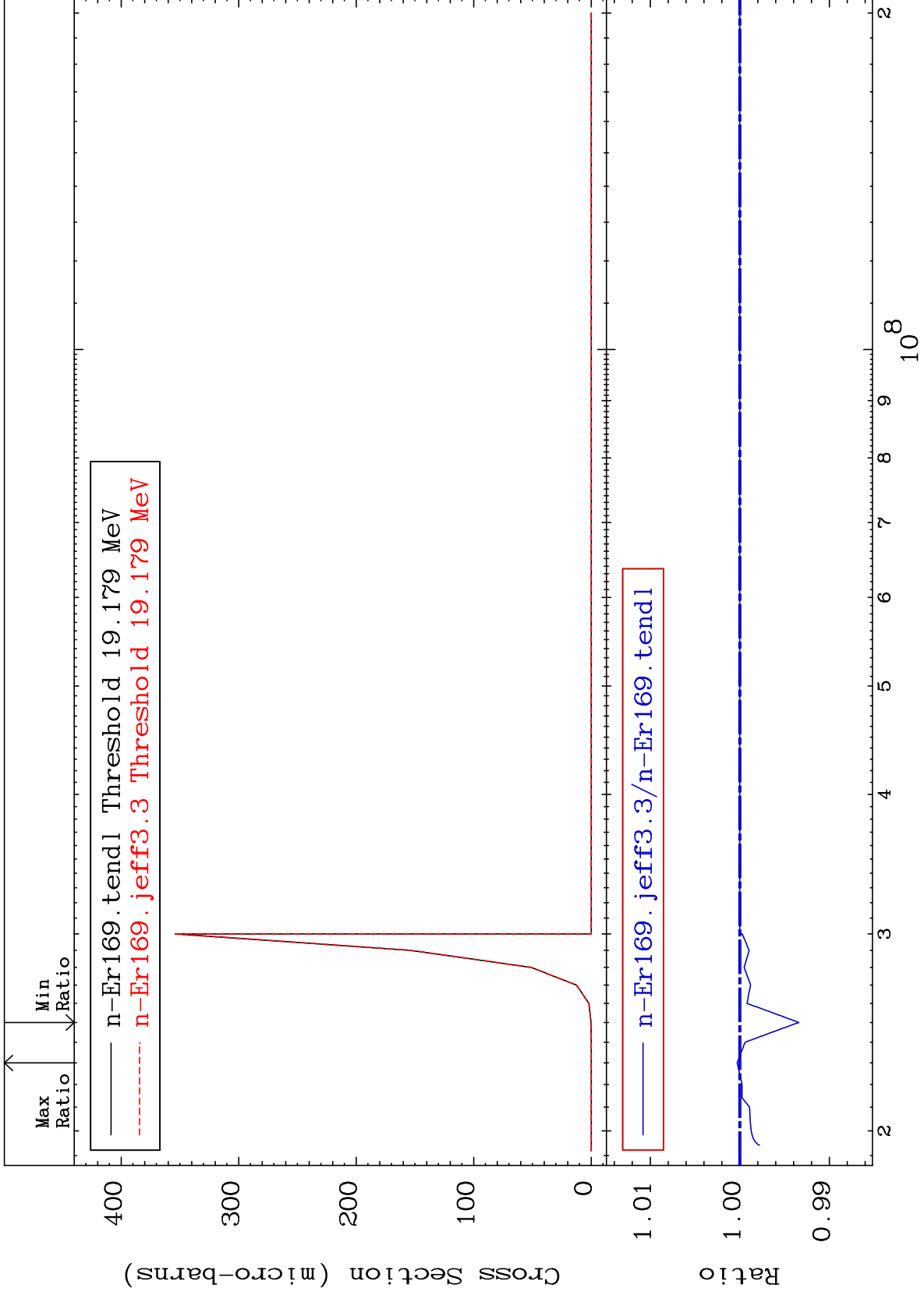


64

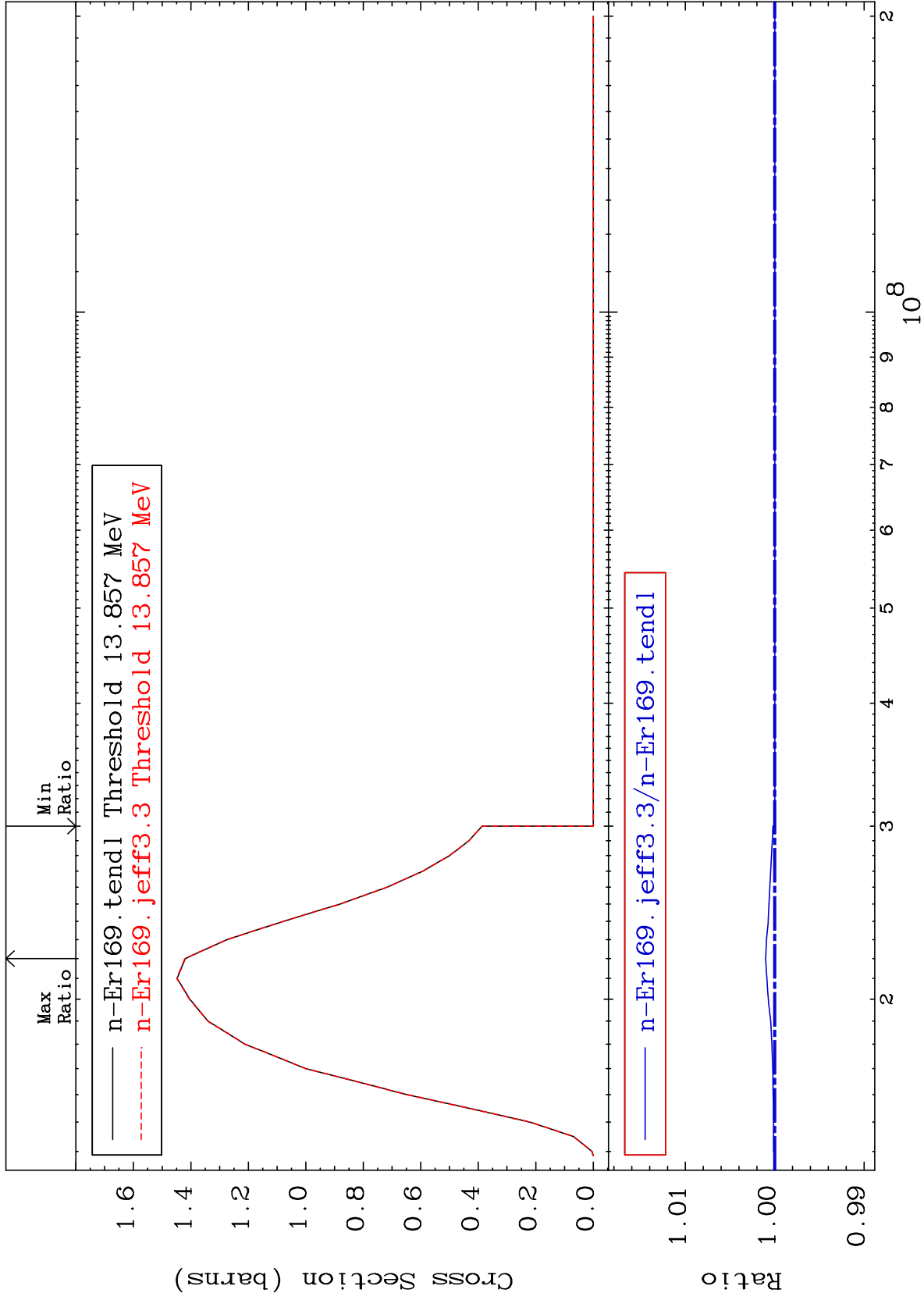
Incident Energy (eV)

68-Er-169

Radionuclide Production Cross Section -0.658 To 0.030 %



Radionuclide Production Cross Section 0.000 To 0.102 %

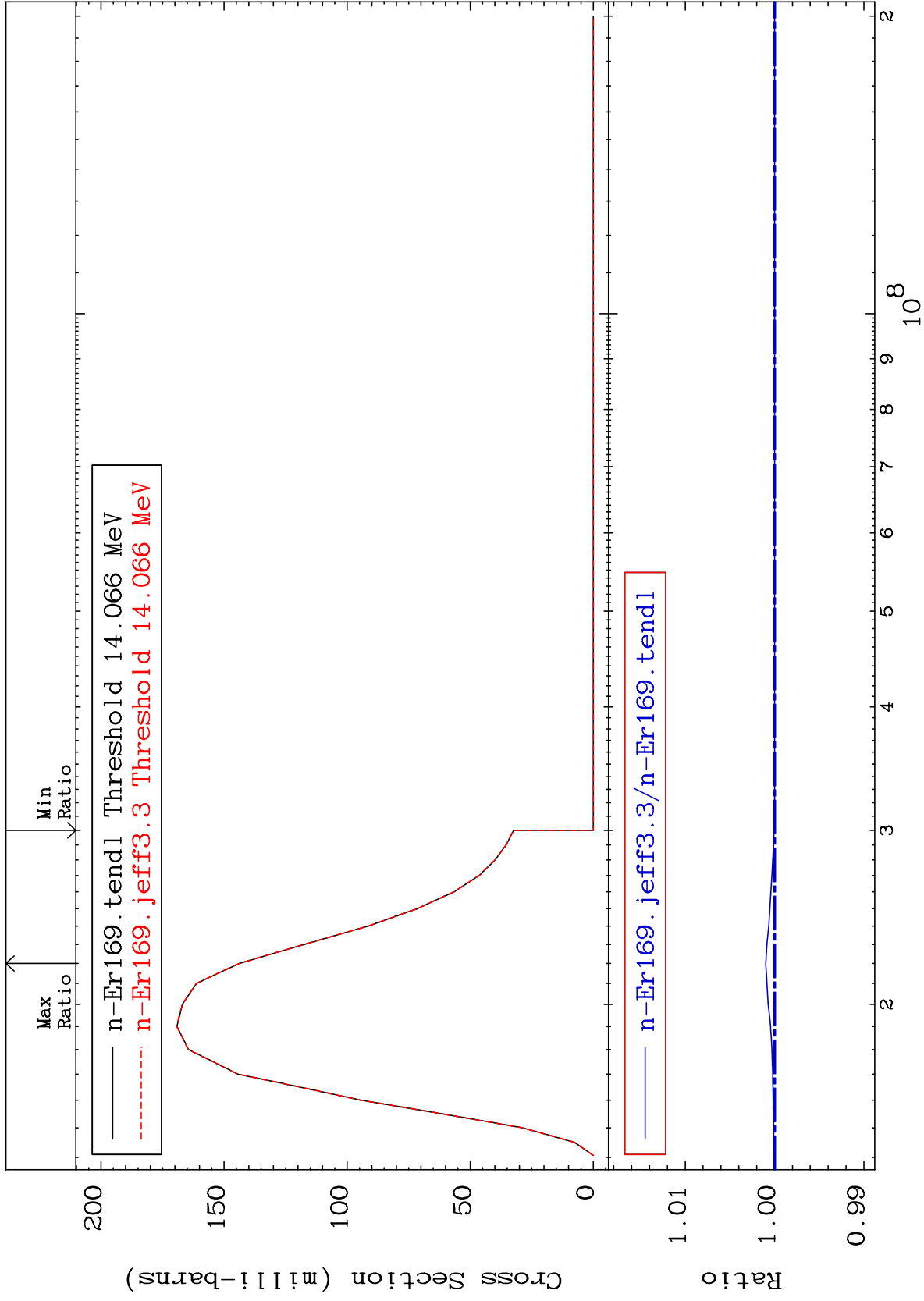


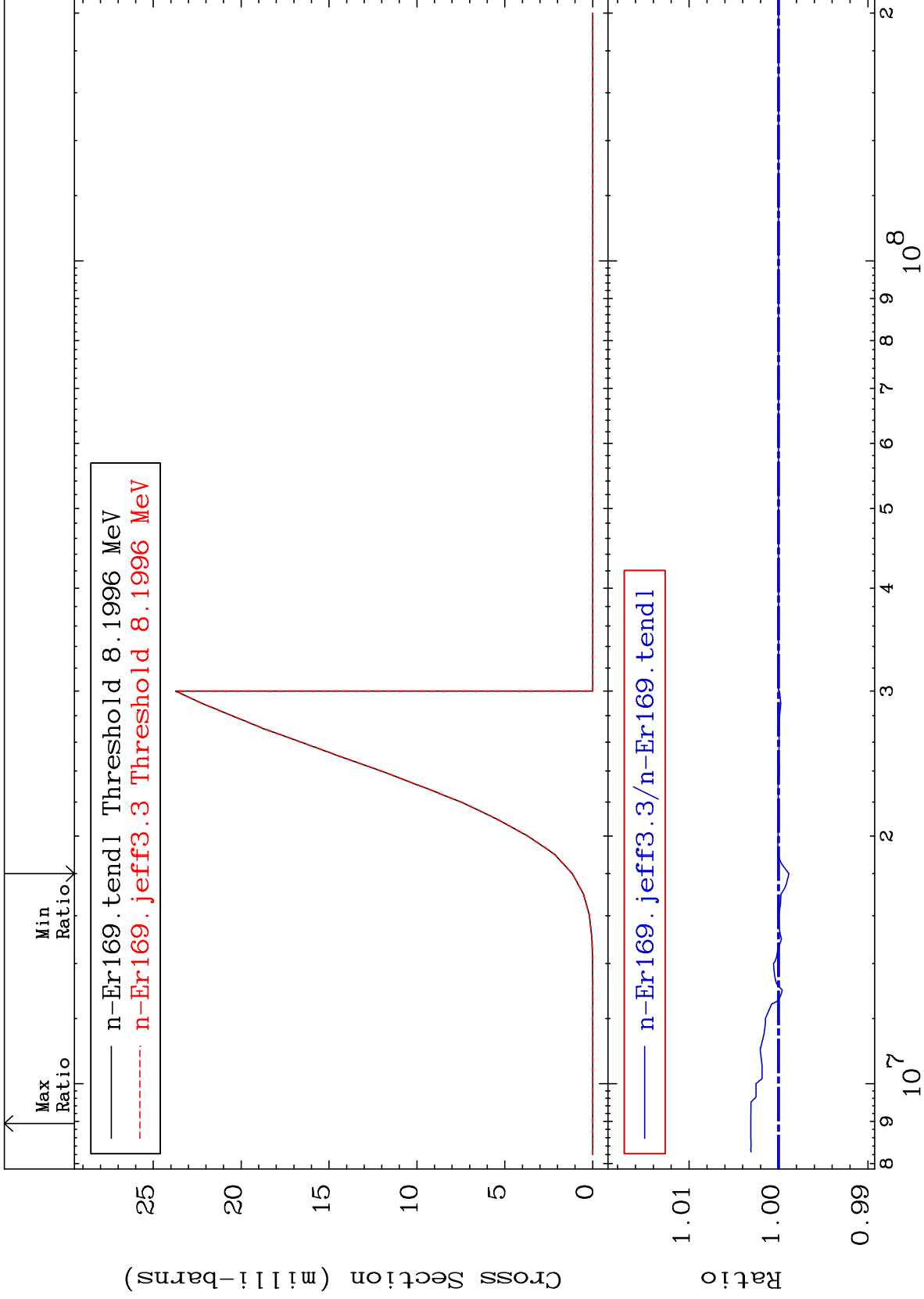
MAT 6846

(n, 3n) : 68-Er-167m3

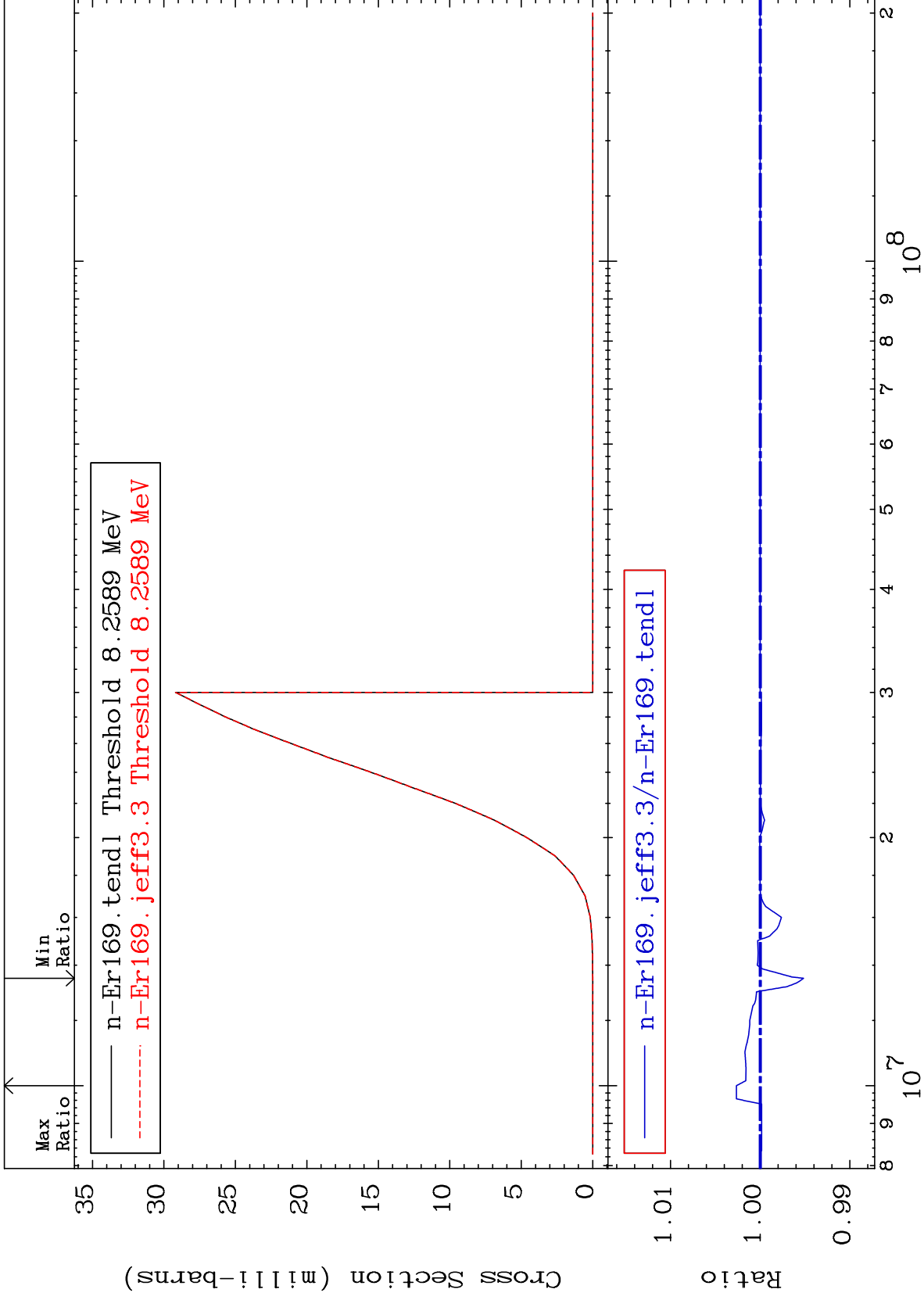
68-Er-169

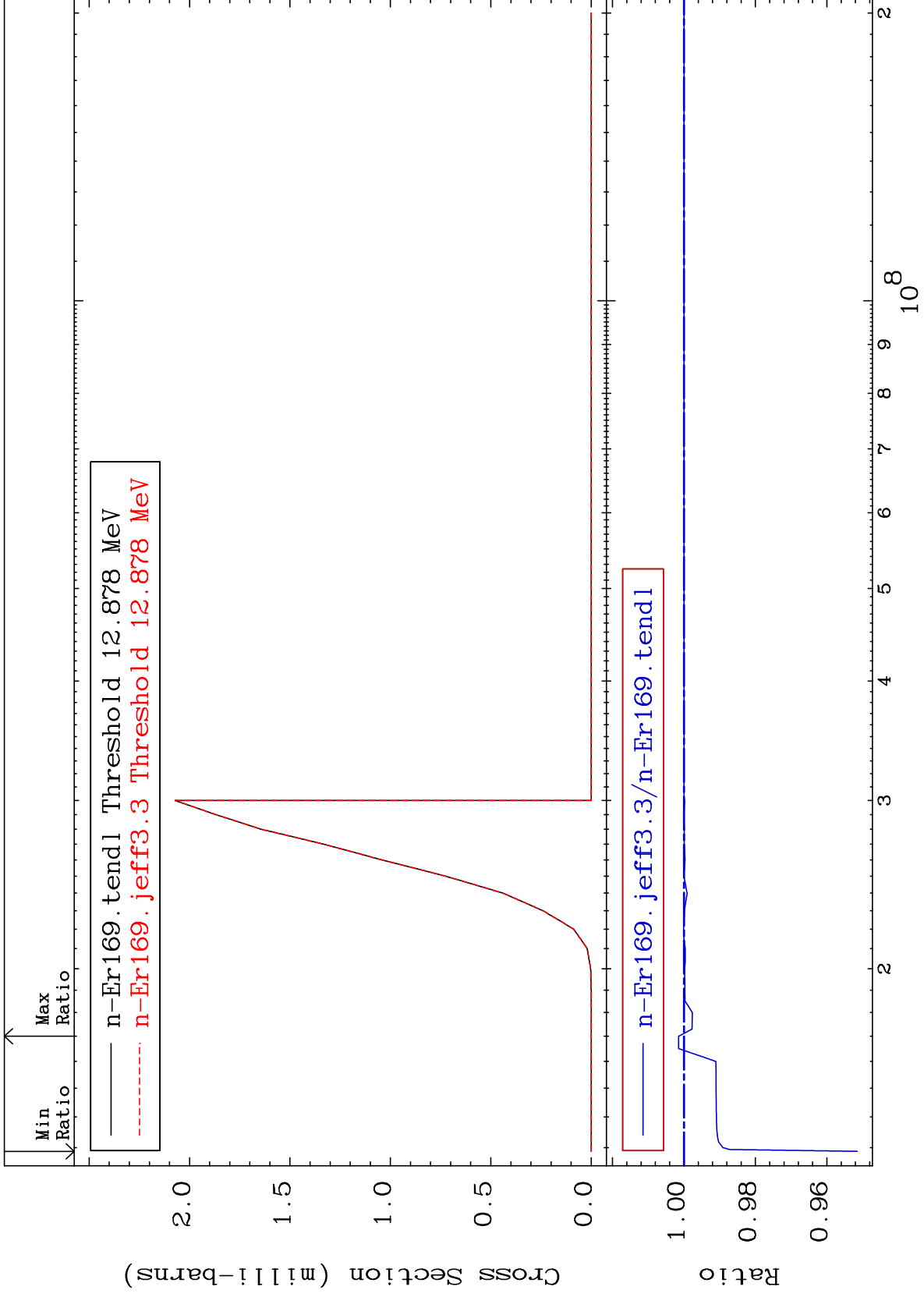
Radionuclide Production Cross Section 0.000 To 0.099 %



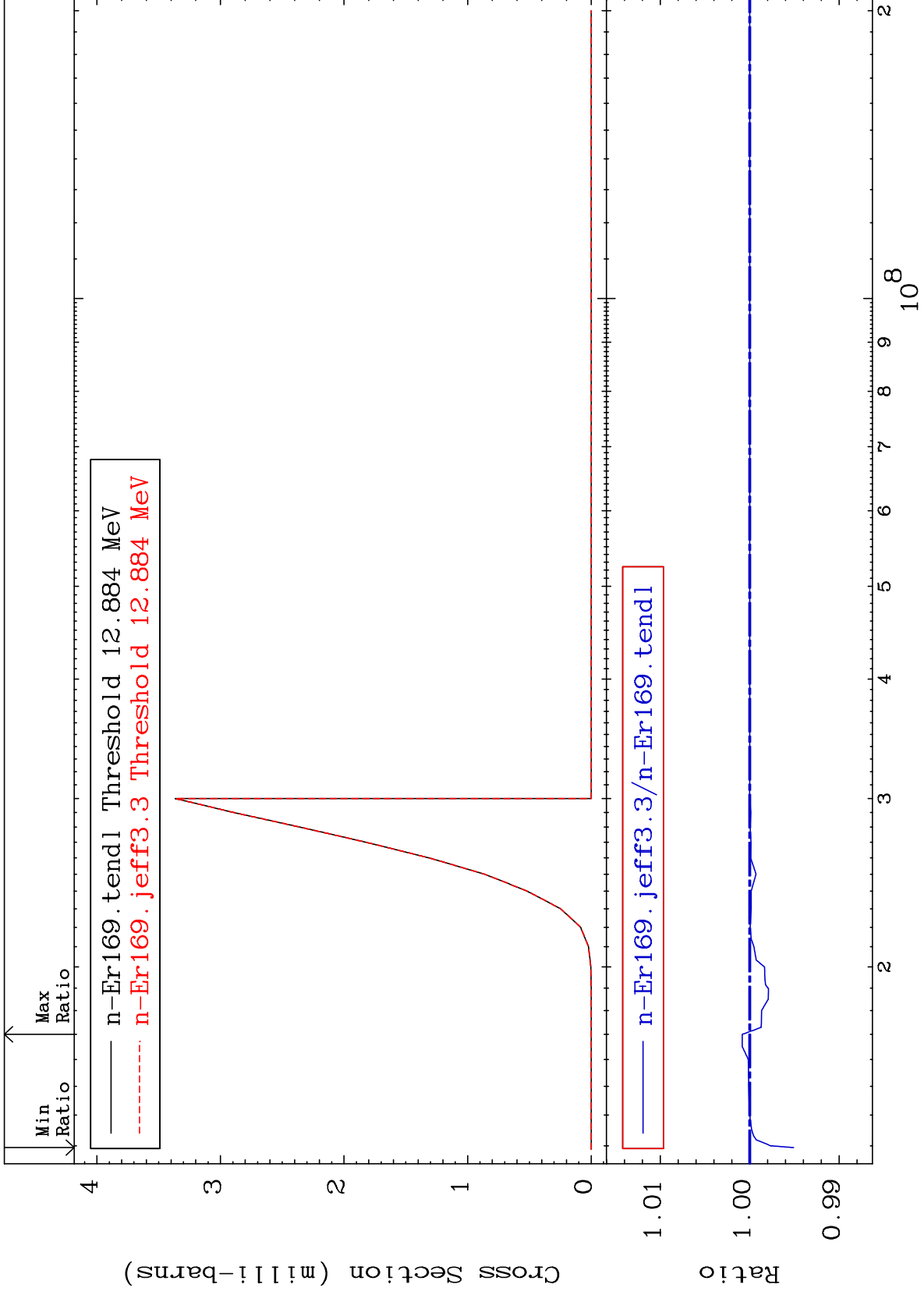


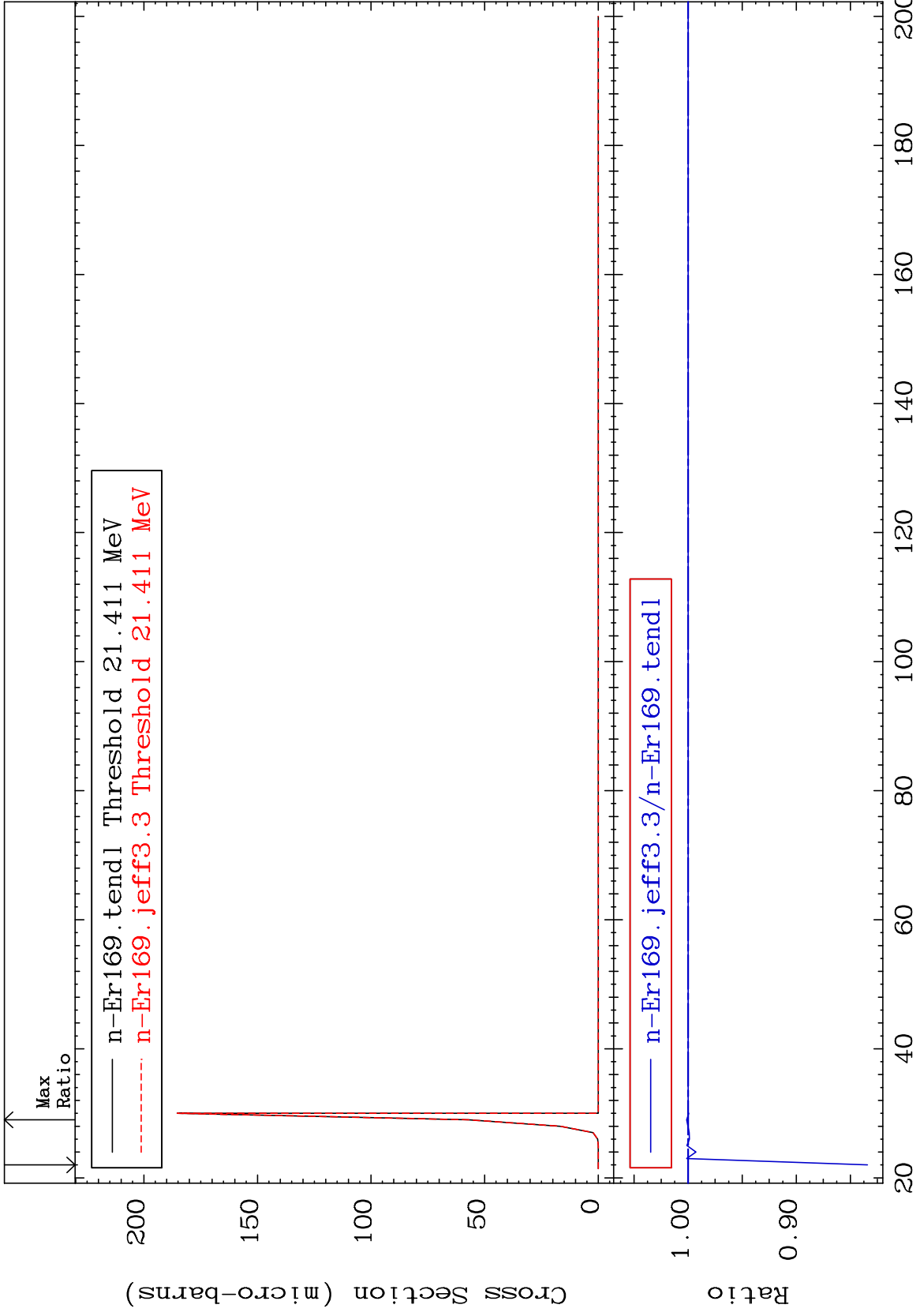
Radionuclide Production Cross Section -0.483 To 0.267 %





Radionuclide Production Cross Section -0.490 To 0.083 %





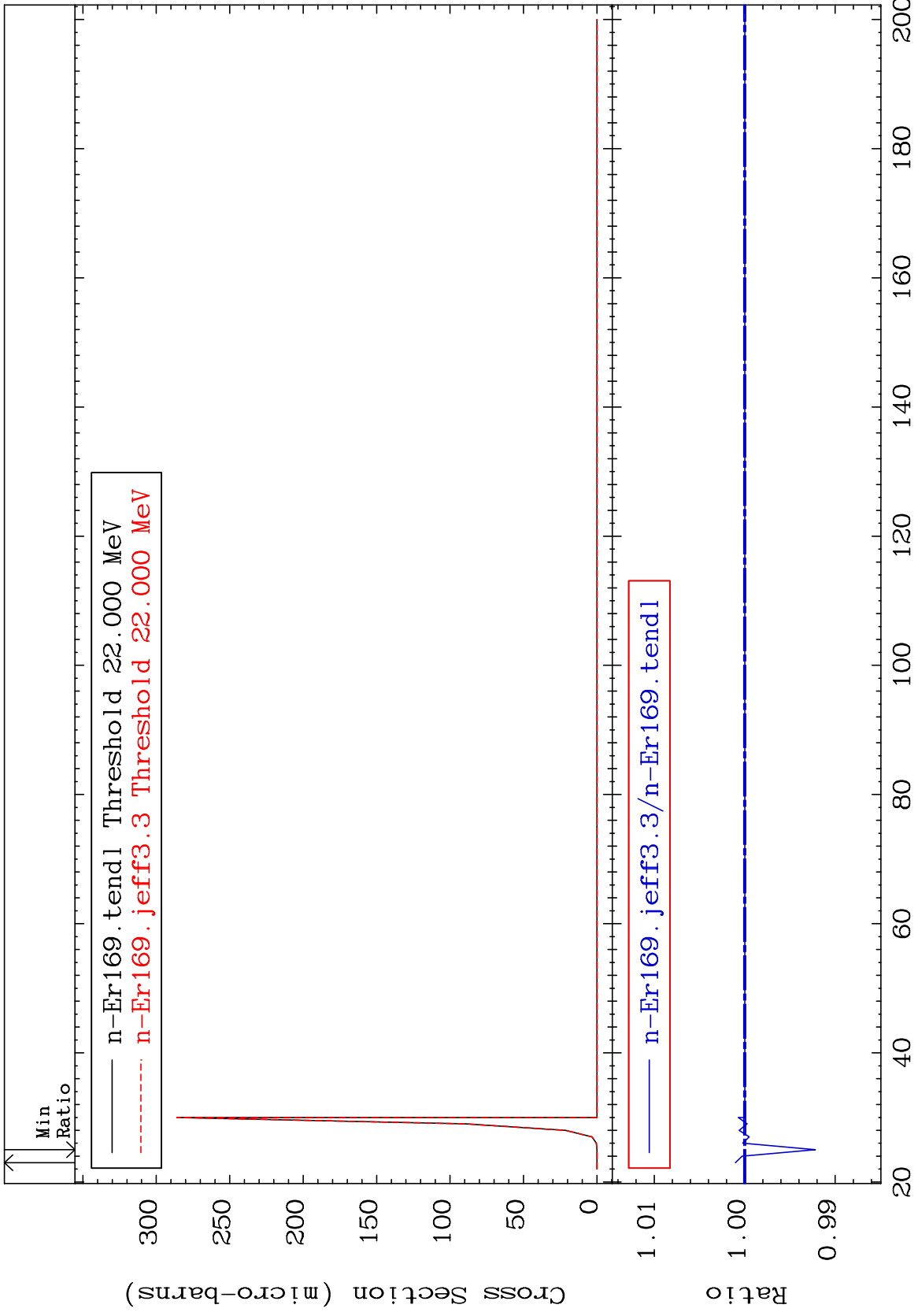
MAT 6846

(n,3n) p:67-Ho-166m1

68-Er-169

Radionuclide Production Cross Section

-0.781 To 0.103 %

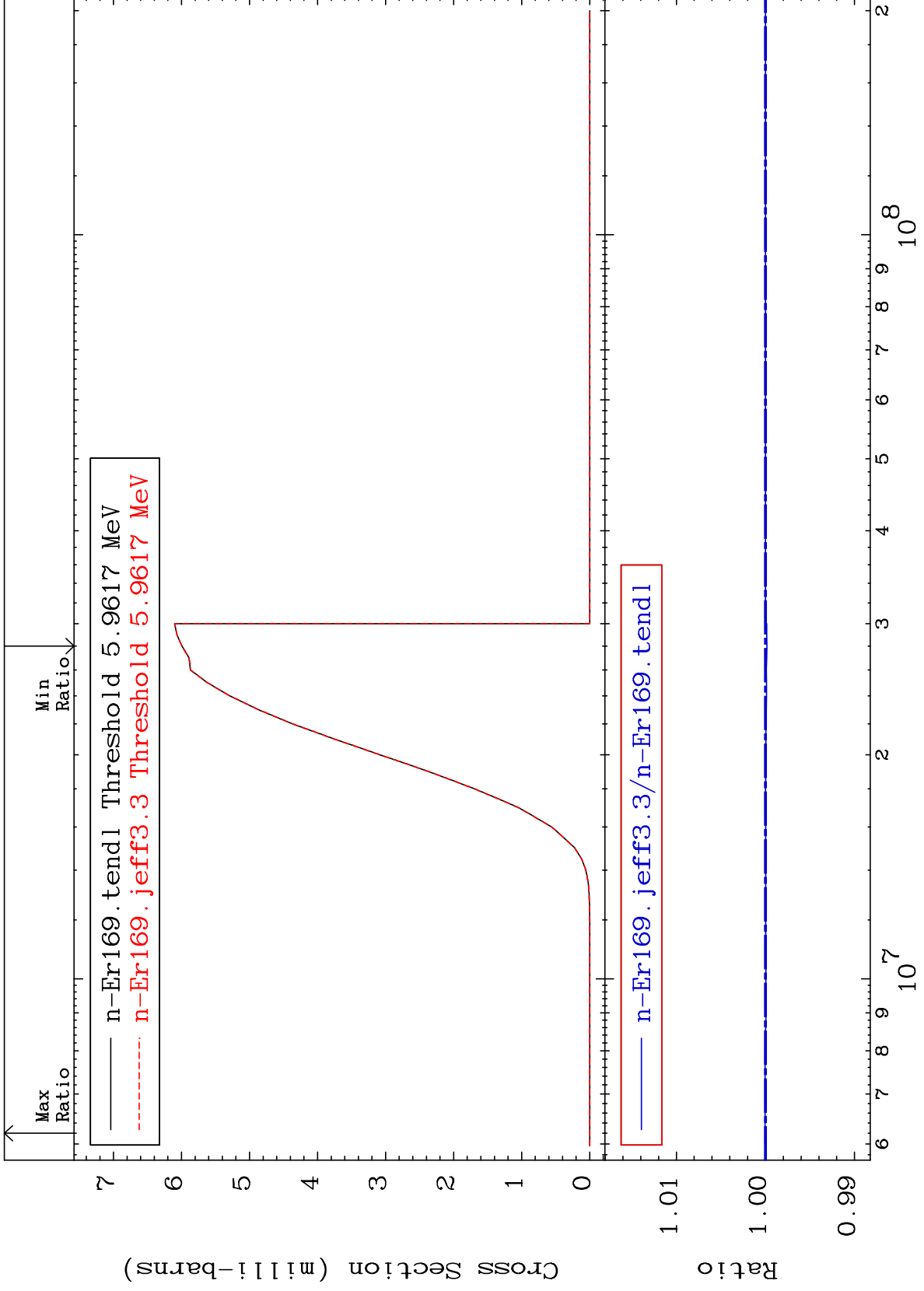


MAT 6846

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

68-Er-169

Radionuclide Production Cross Section -0.017 To 0.005 %

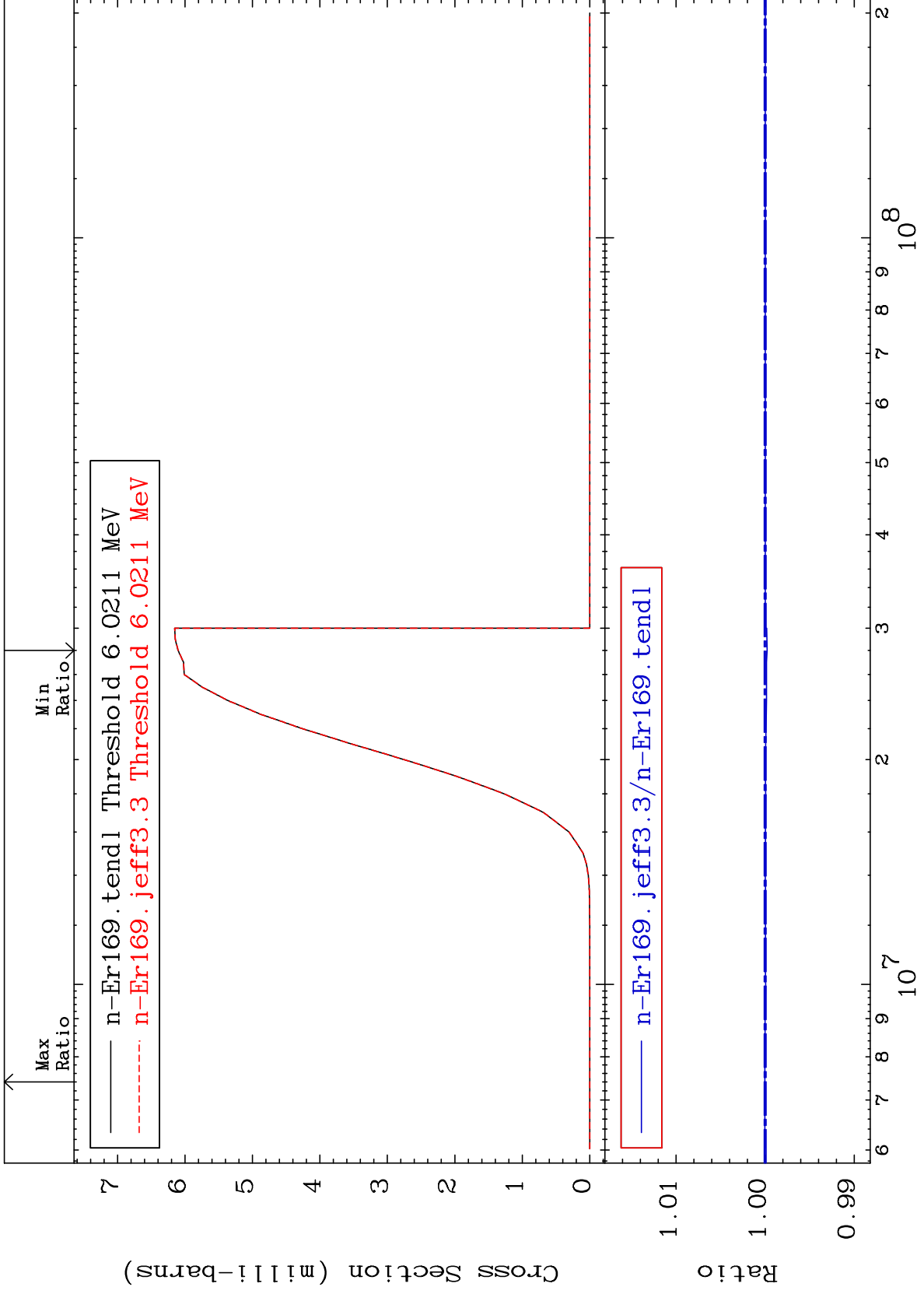


MAT 6846

(n, d):67-Ho-168m1

68-Er-169

Radionuclide Production Cross Section -0.022 To 0.004 %



75

Incident Energy (eV)

68-Er-169