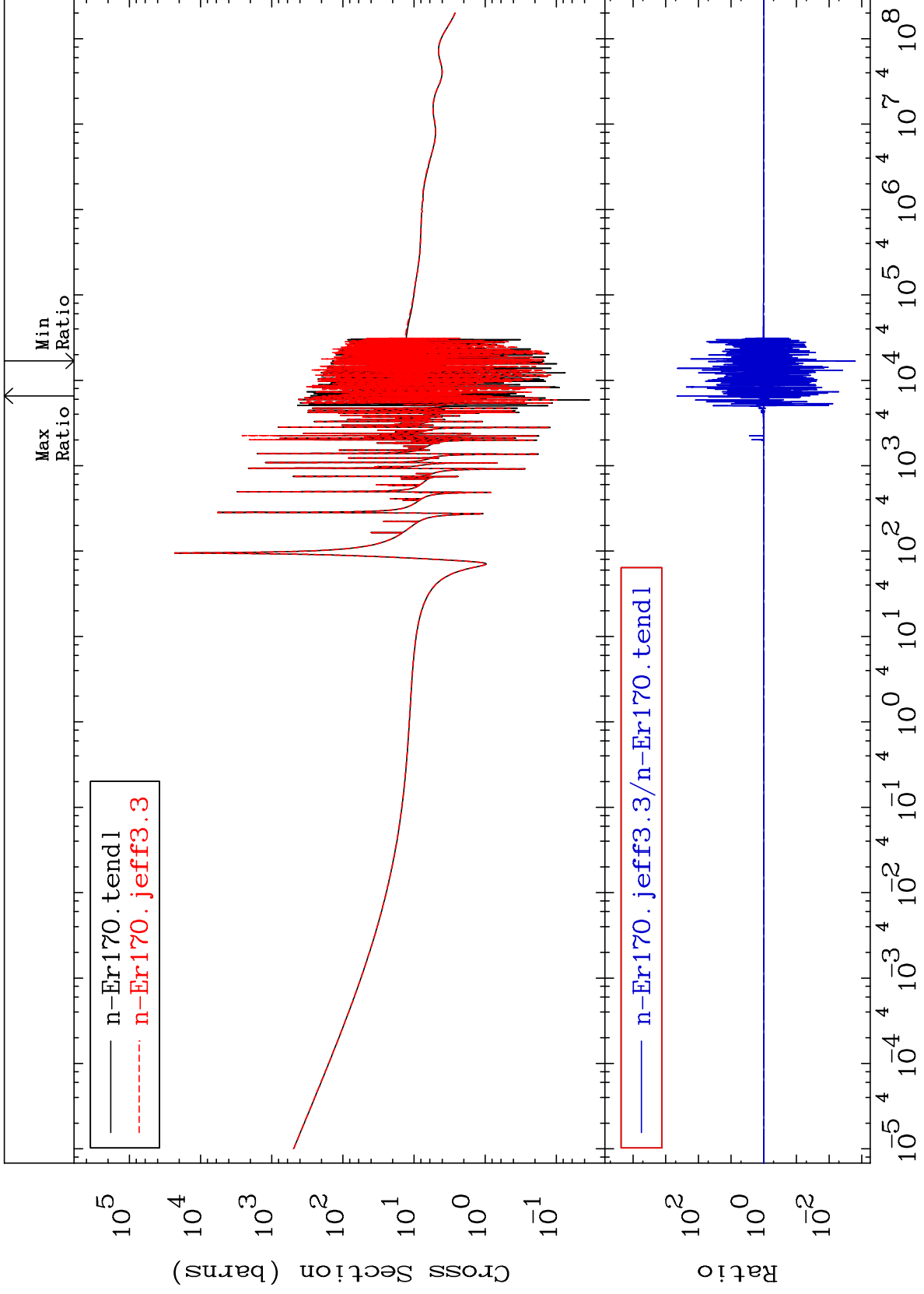


MAT 6849

Total
Cross Section

68-Er-170
-99.84 To 9999. %



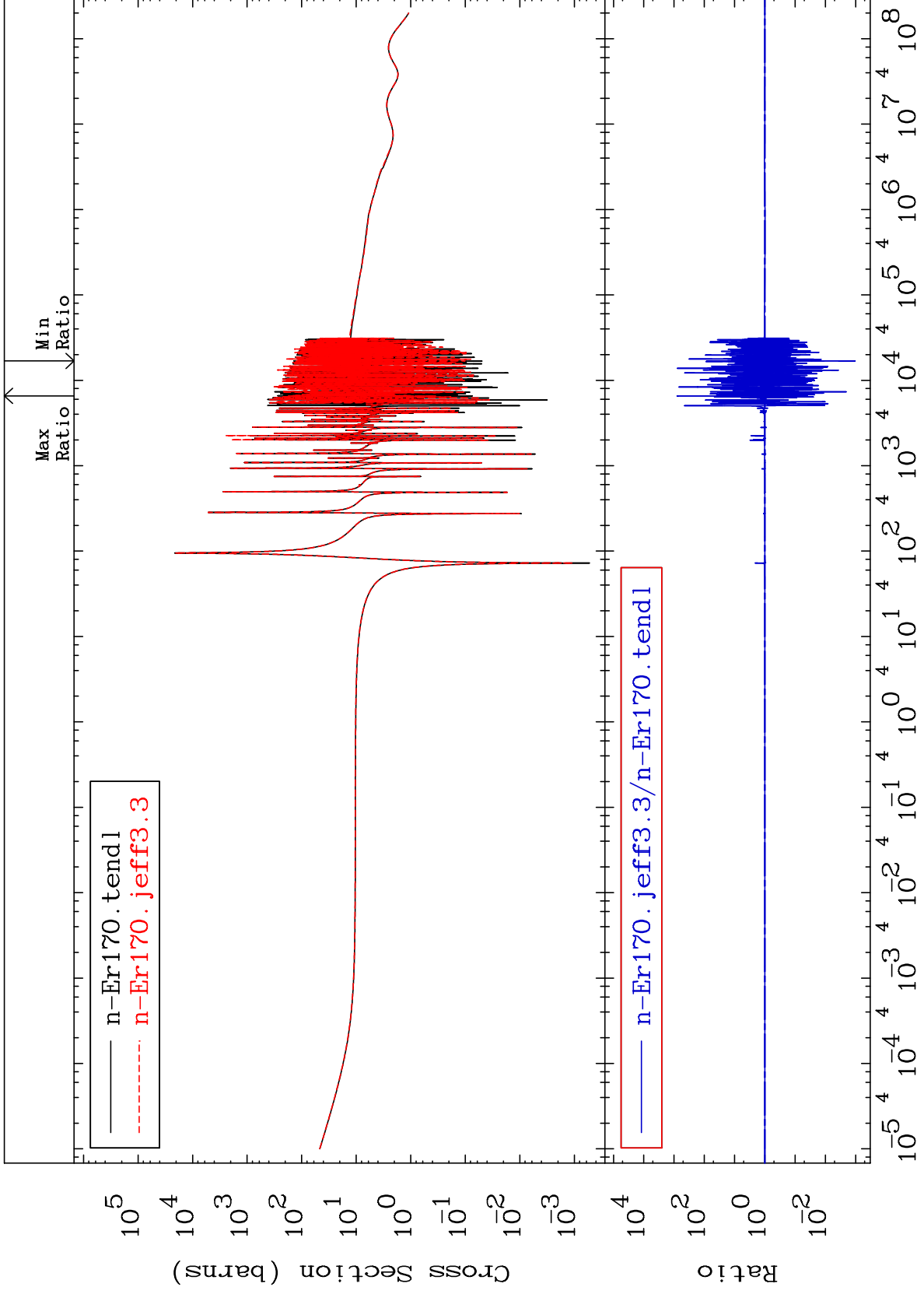
Incident Energy (eV)

68-Er-170

MAT 6849

Elastic
Cross Section

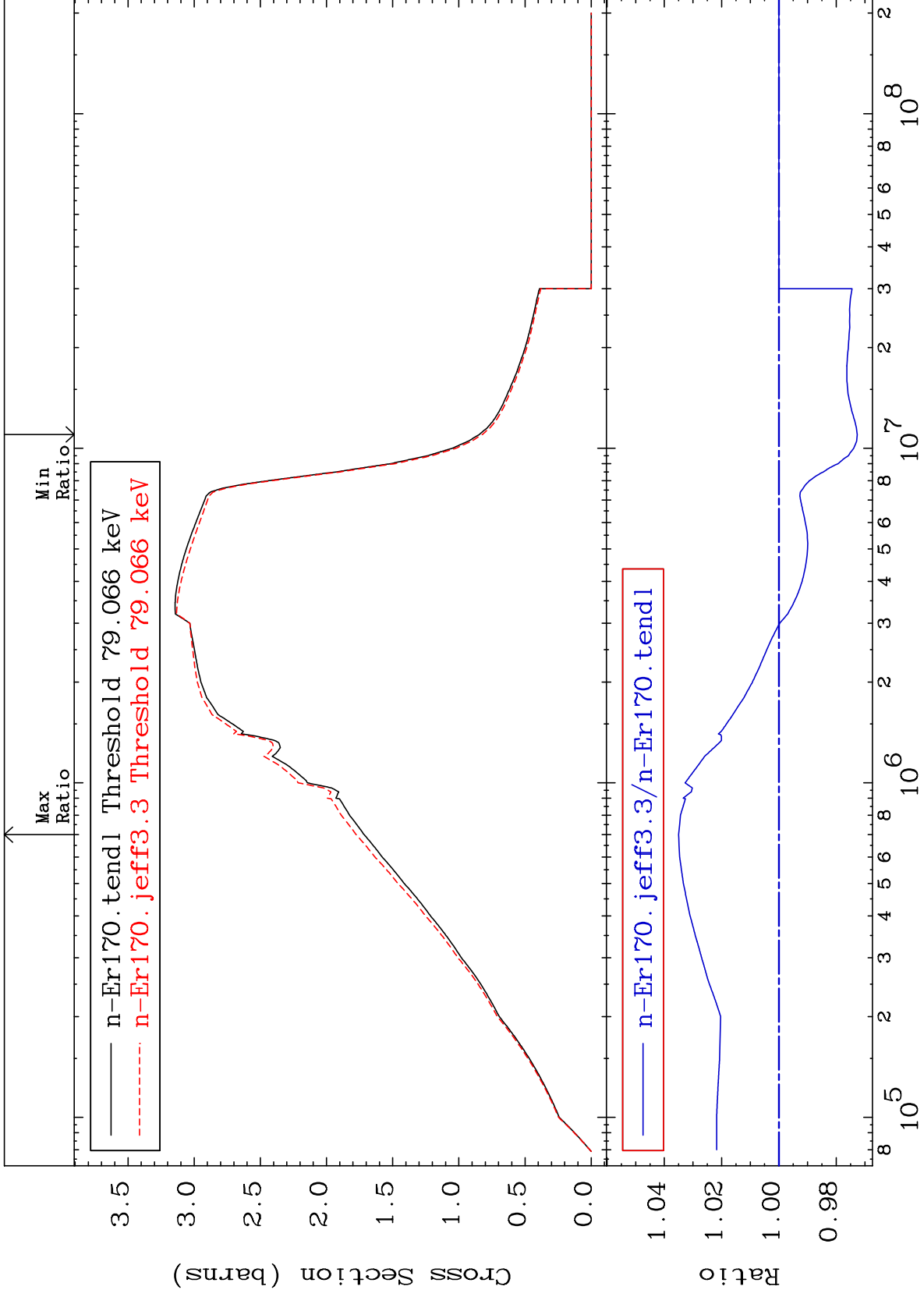
68-Er-170
-99.90 To 9999. %



MAT 6849

Inelastic
Cross Section

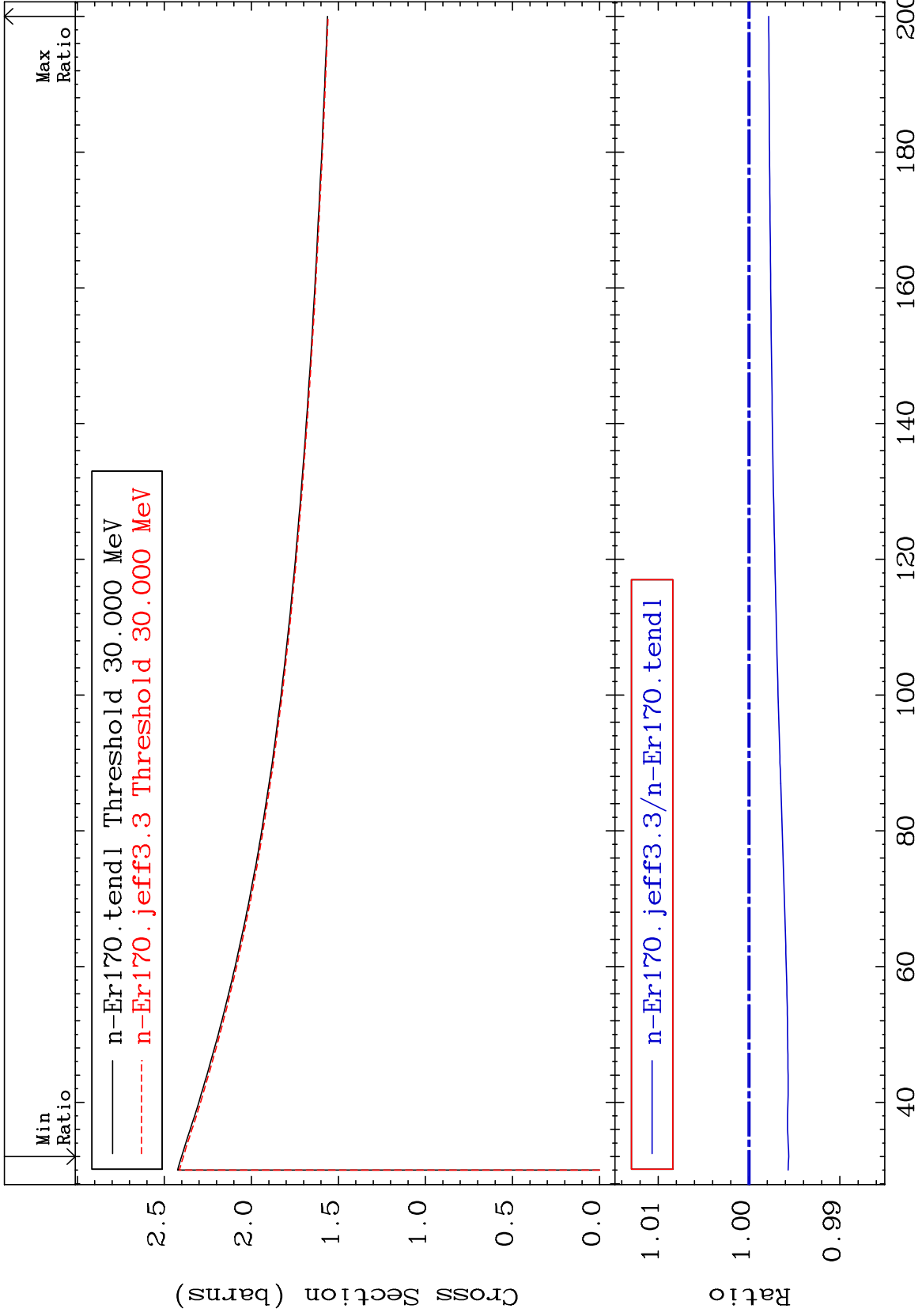
68-Er-170
-2.735 To 3.500 %



MAT 6849

(n, remainder)
Cross Section

68-Er-170
-0.438 To -0.217%



MAT 6849

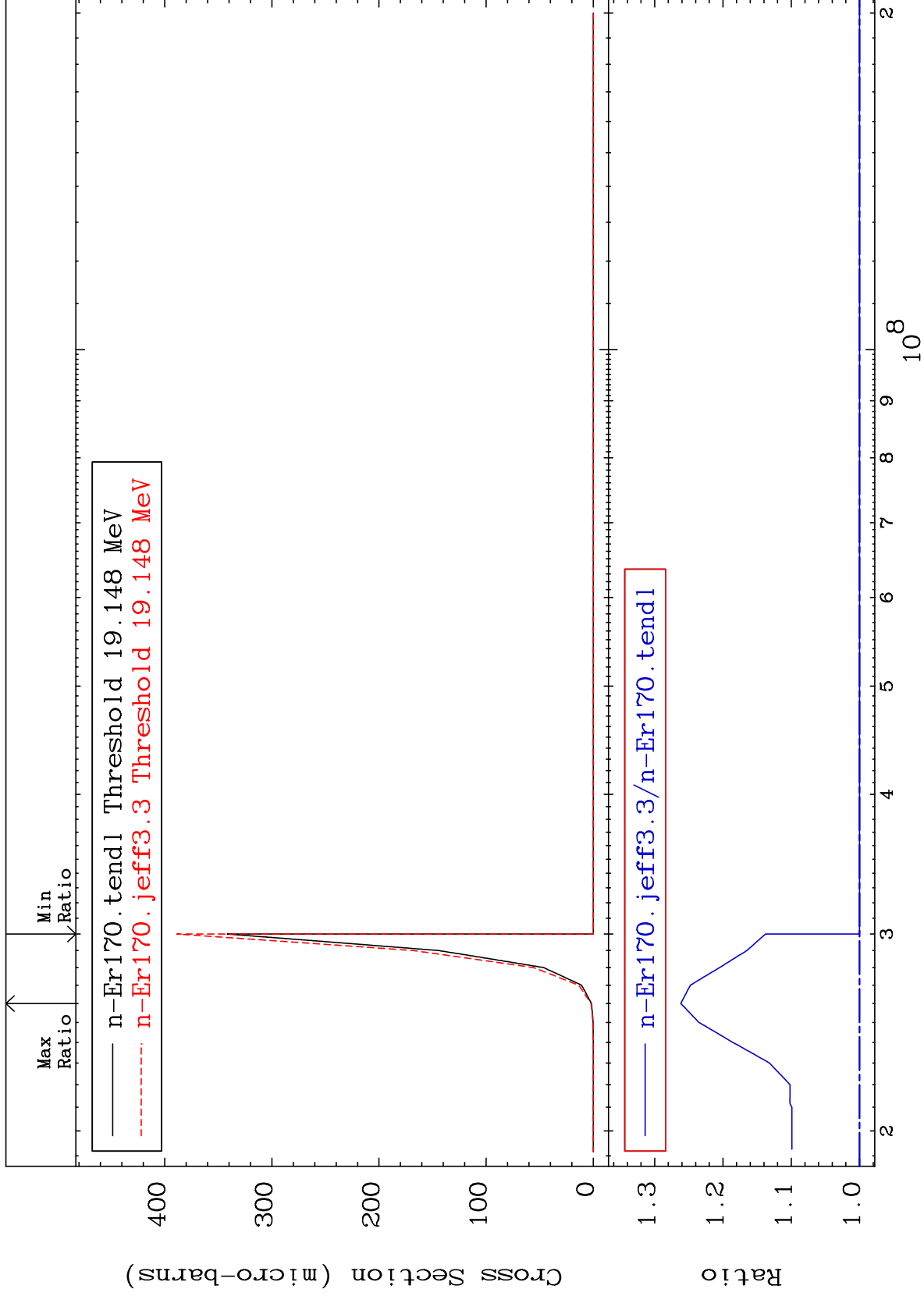
(n,2n) d

68-Er-170

Cross Section

0.000

To 26.18 %



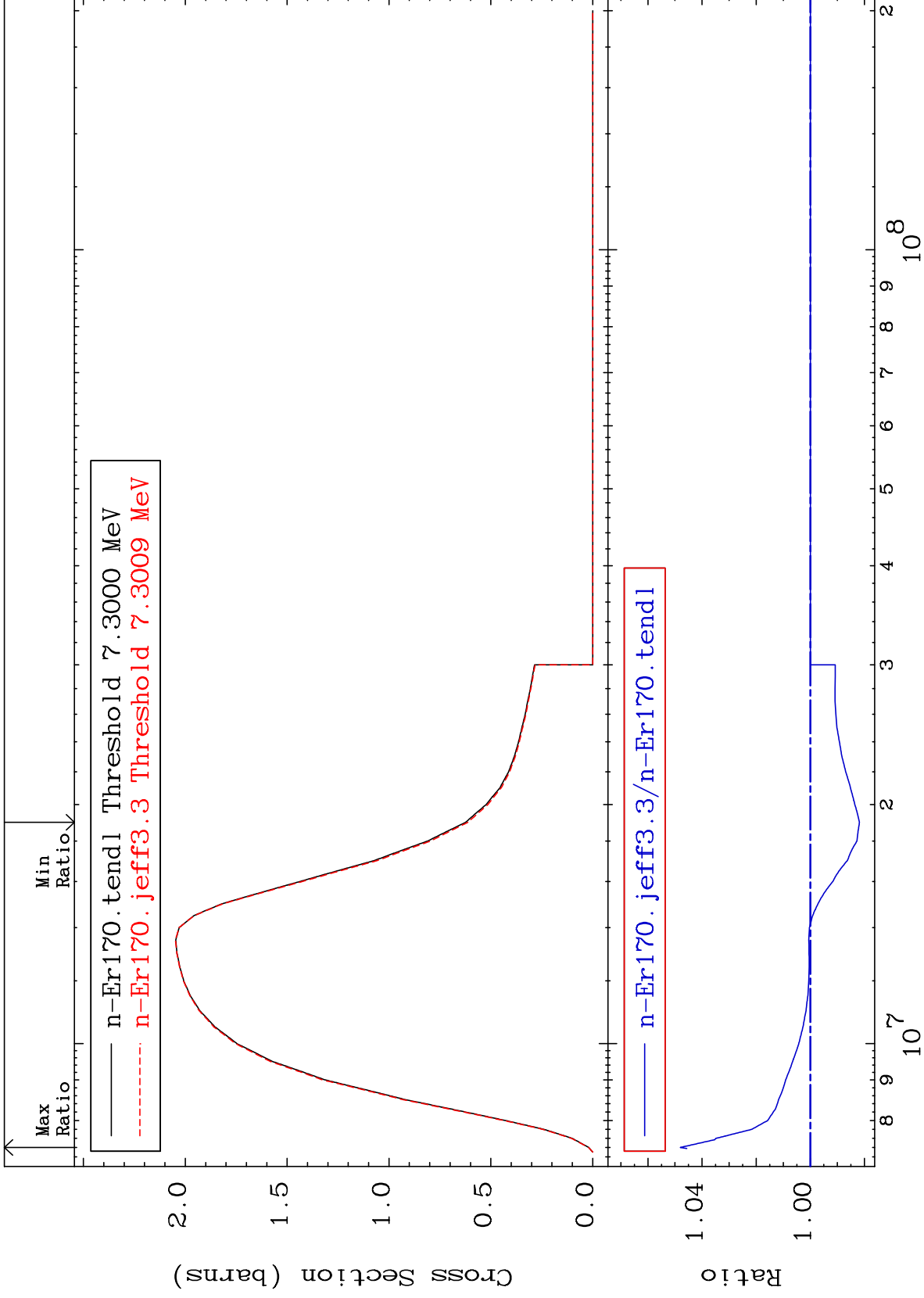
MAT 6849

(n,2n)

68-Er-170

Cross Section

-1.814 To 4.801 %



6

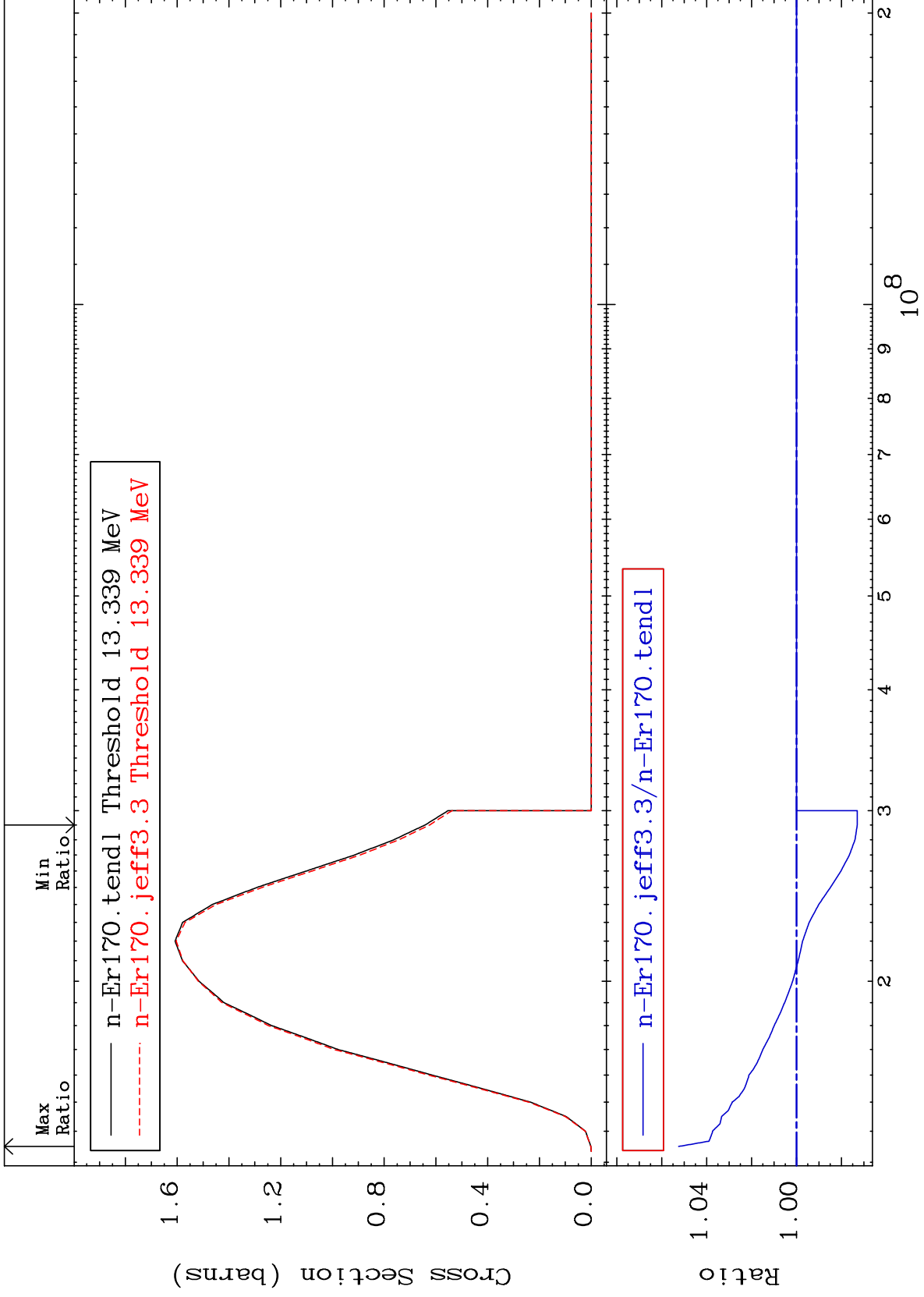
Incident Energy (eV)

68-Er-170

MAT 6849

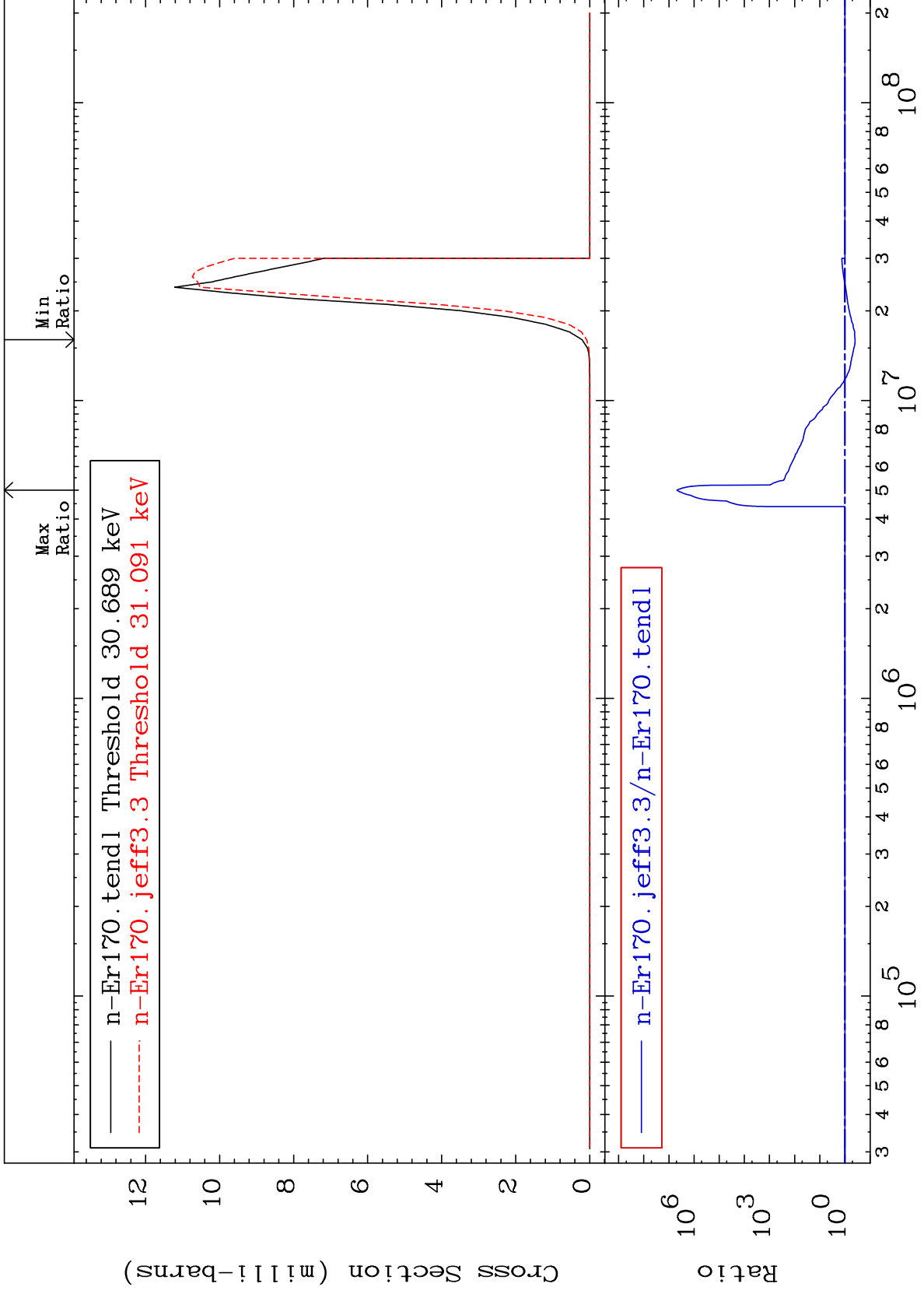
(n,3n)
Cross Section

68-Er-170
-2.706 To 5.244 %



MAT 6849

$(n, n') \alpha$
Cross Section
68-Er-170
-60.67 To 9999. %



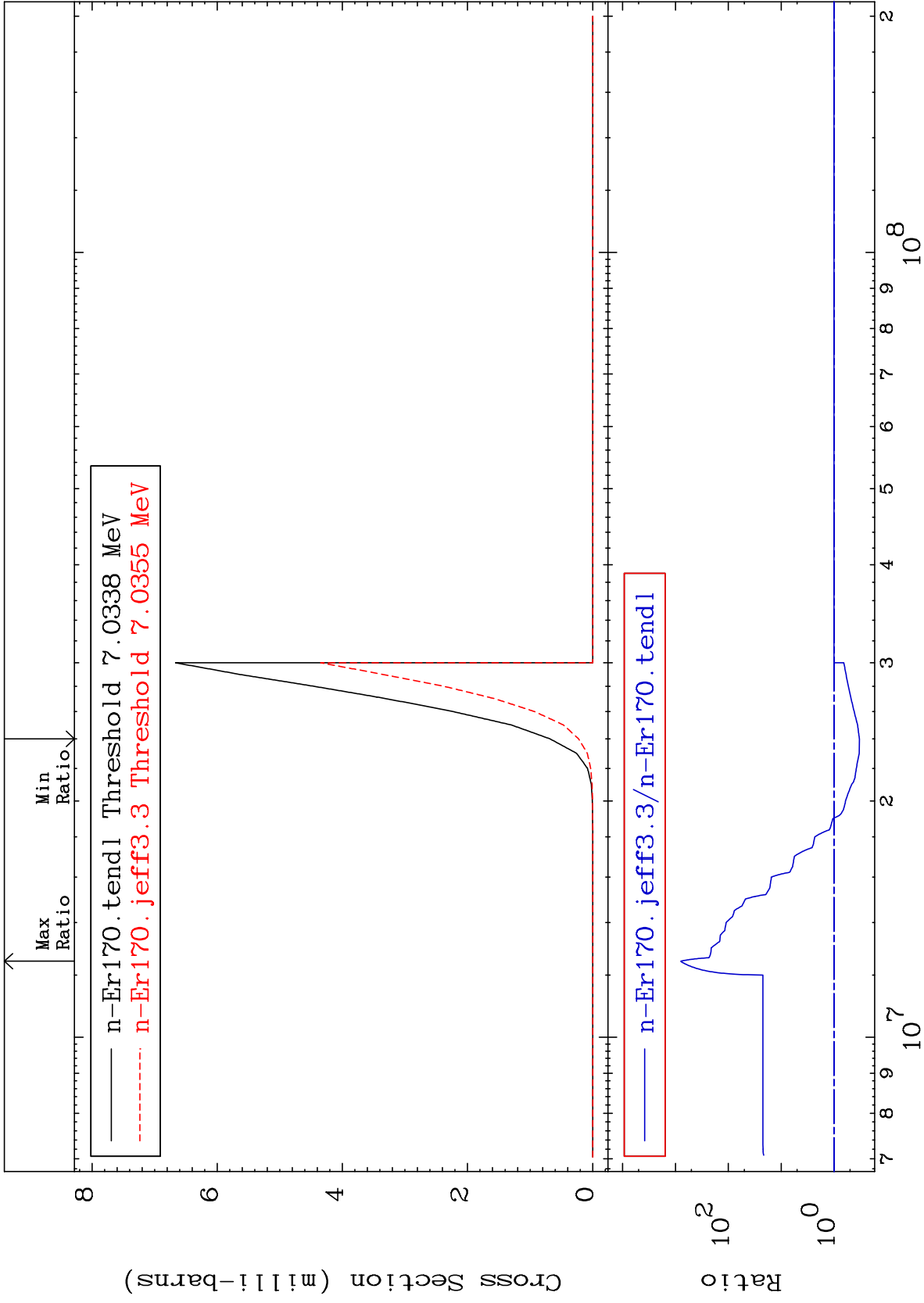
MAT 6849

(n,2n) α

68-Er-170

Cross Section

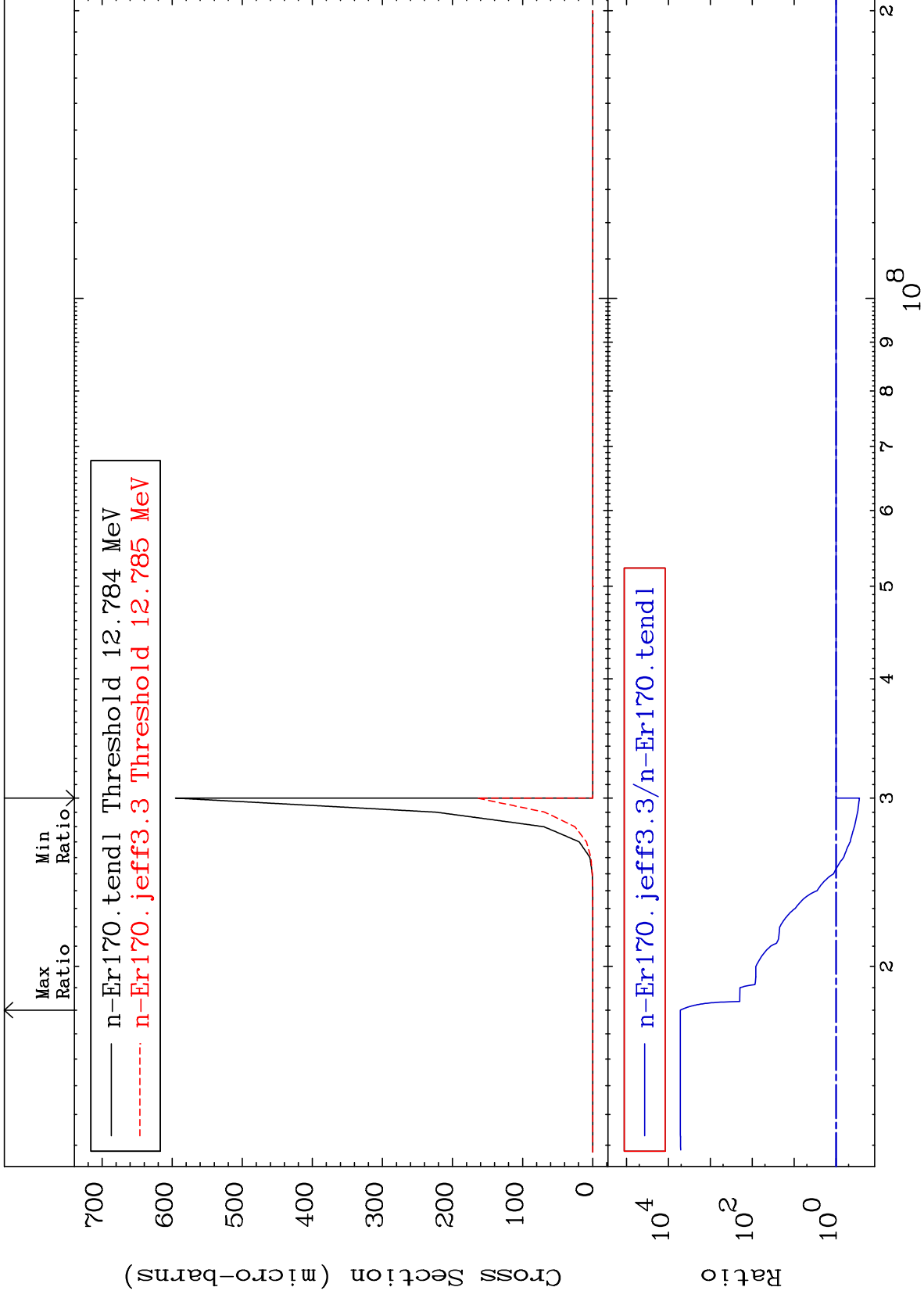
-66.89 To 9999. %



MAT 6849

(n,3n) α
Cross Section

68-Er-170
-72.30 To 9999. %



10

Incident Energy (eV)

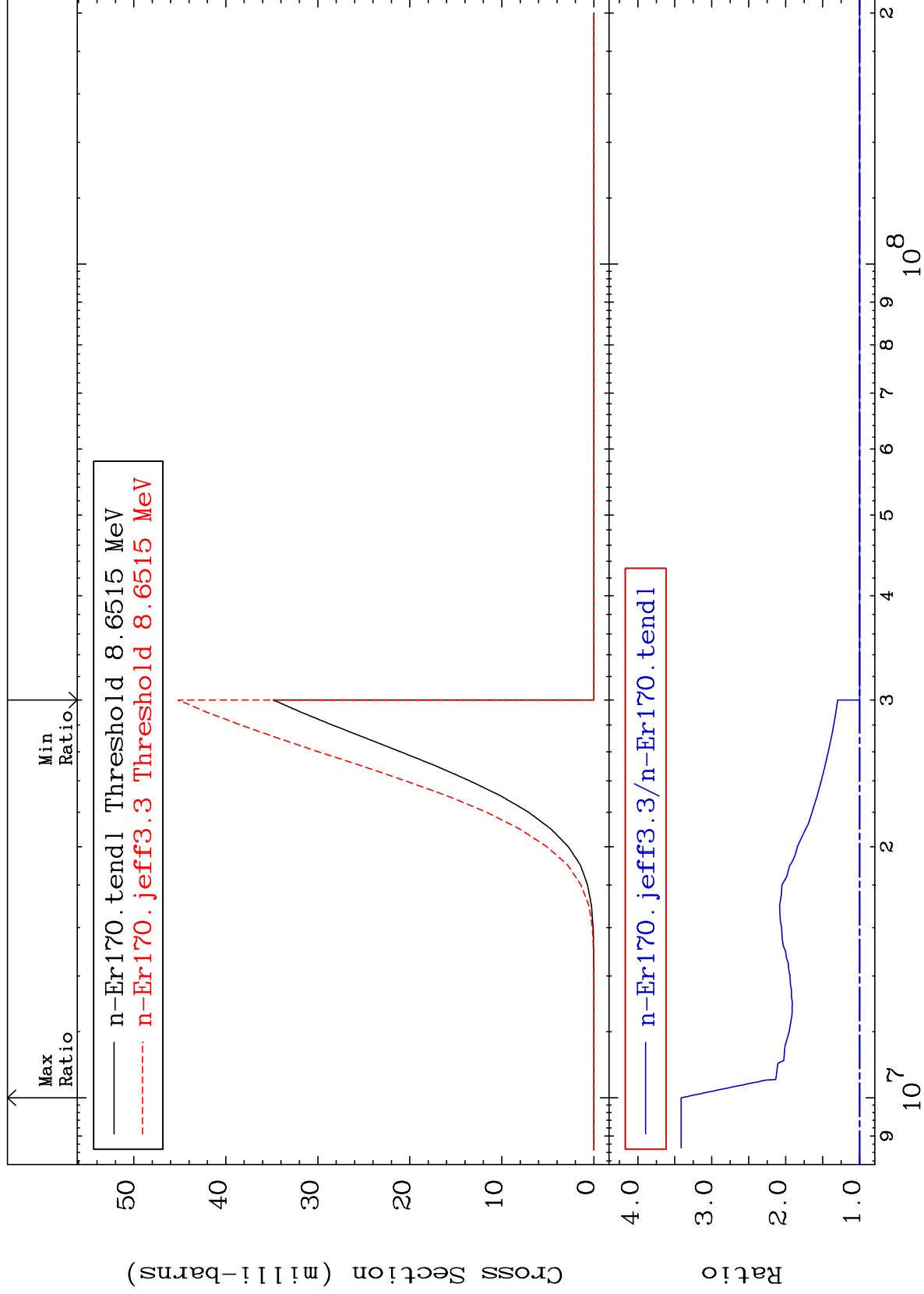
68-Er-170

MAT 6849

(n,n') p
Cross Section

68-Er-170

To 241.4 %



11

Incident Energy (eV)

68-Er-170

MAT 6849

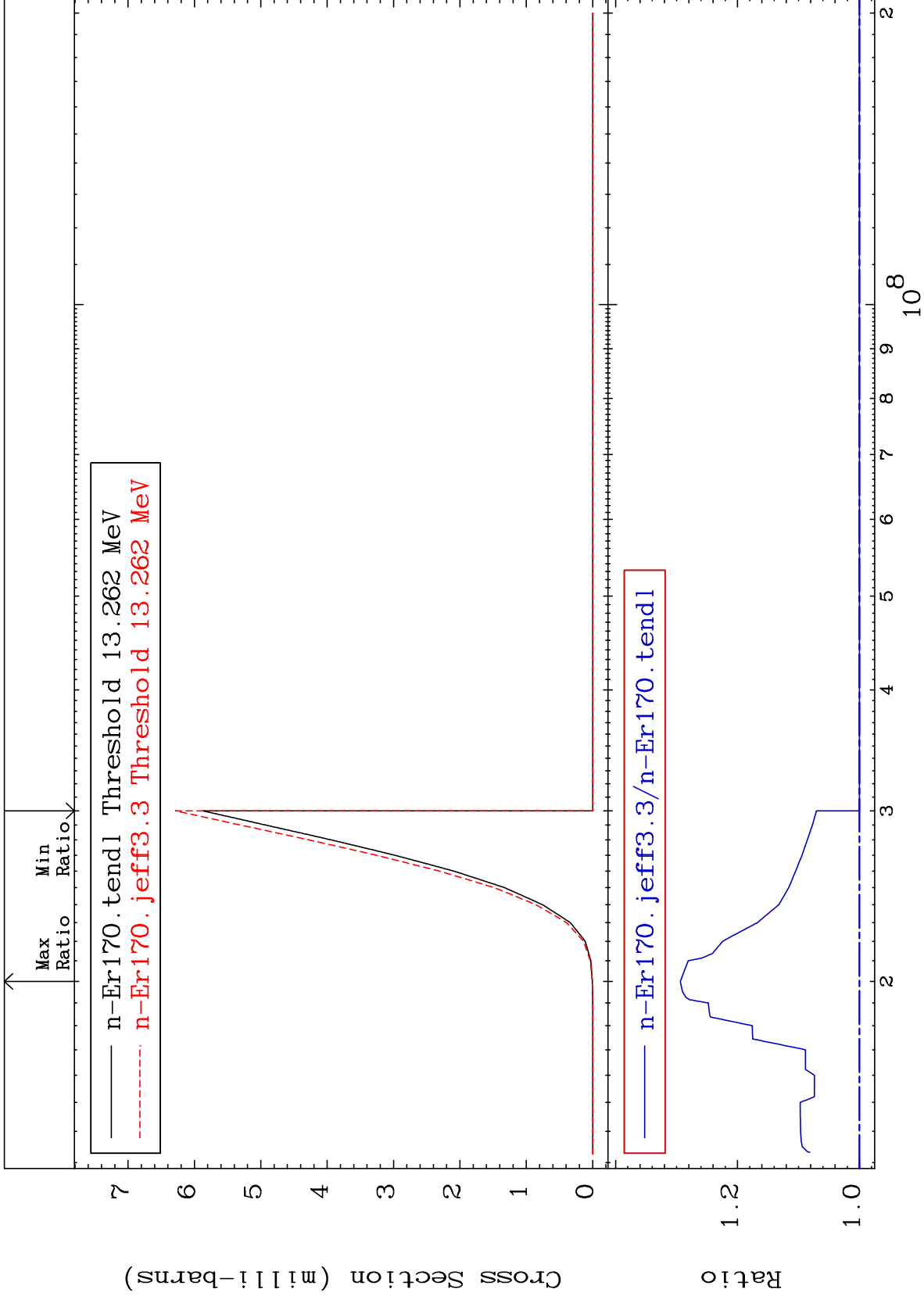
(n,n') d

68-Er-170

Cross Section

0.000

To 29.38 %



12

Incident Energy (eV)

68-Er-170

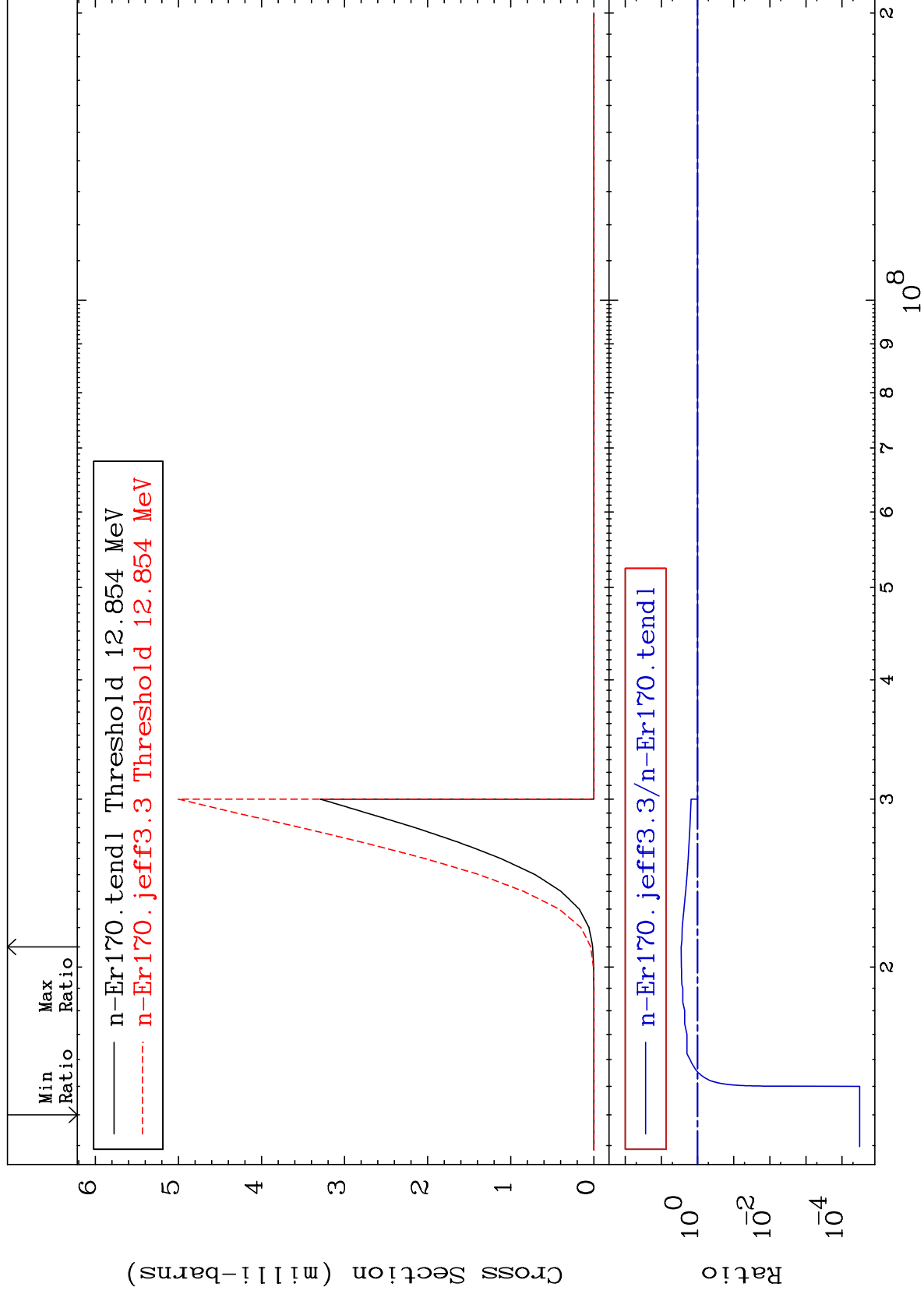
MAT 6849

(n, n') t

68-Er-170

Cross Section

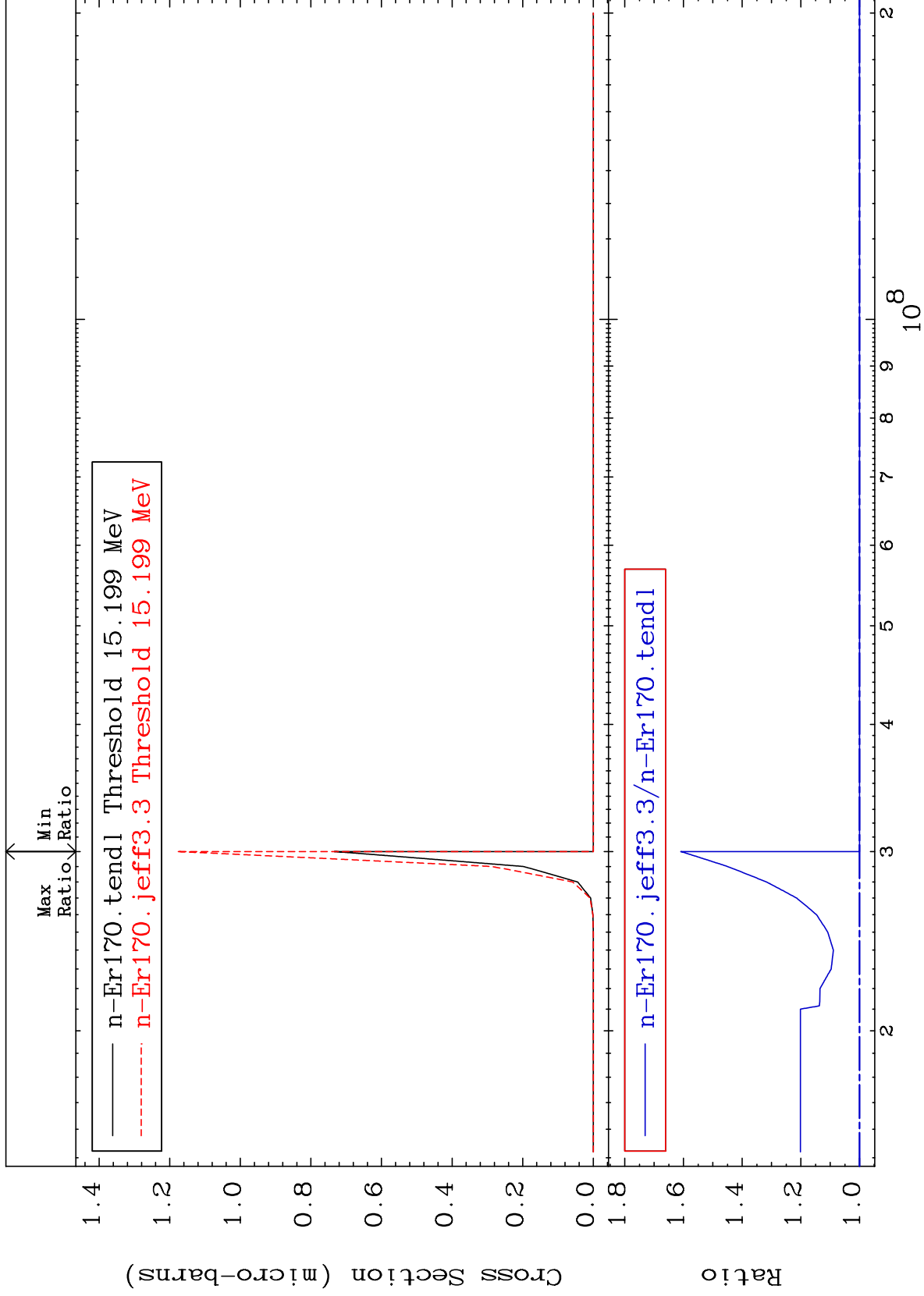
-100.0 To 184.4 %



MAT 6849

(n, n') He-3
Cross Section

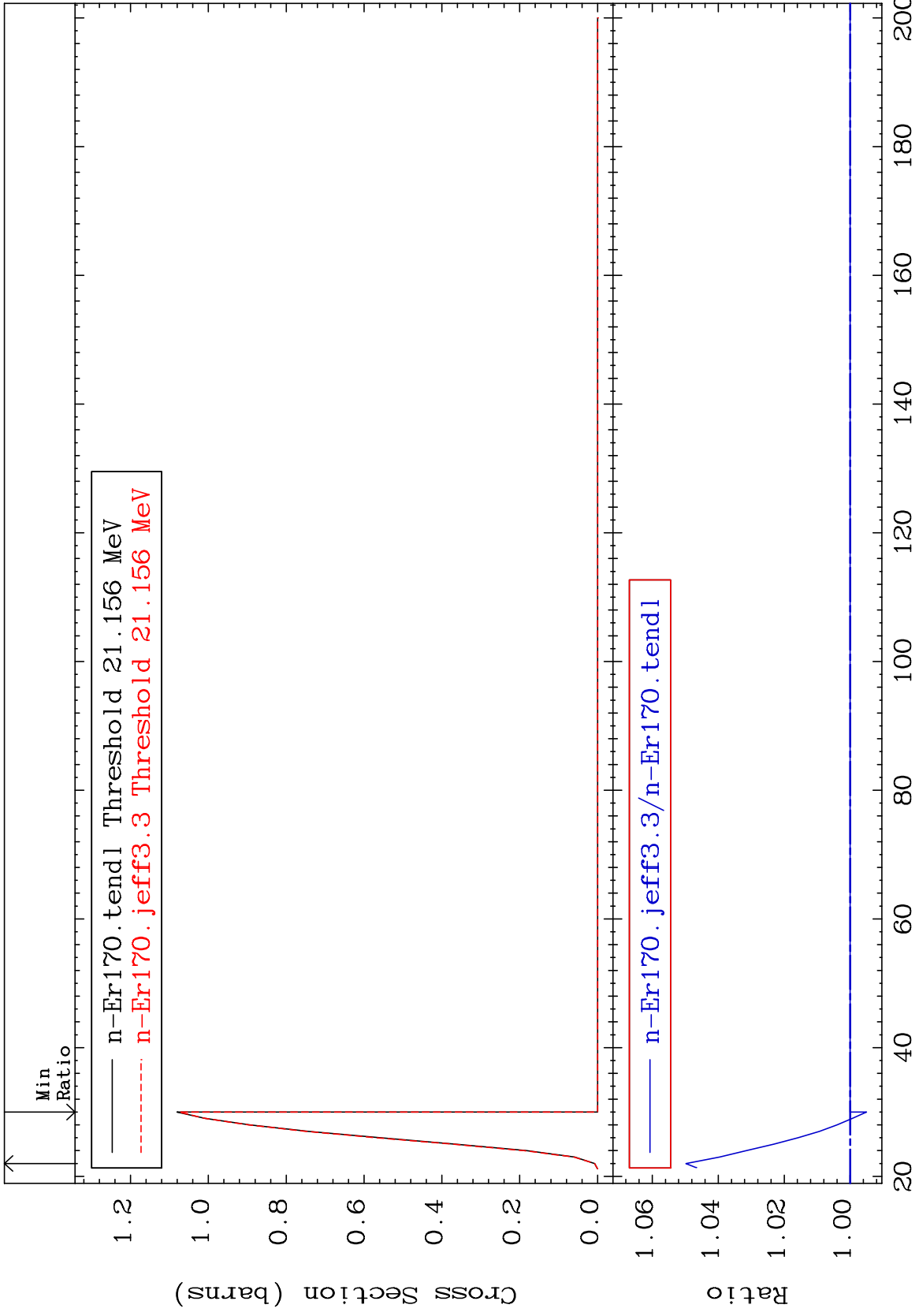
68-Er-170
To 60.93 %



MAT 6849

(n,4n)
Cross Section

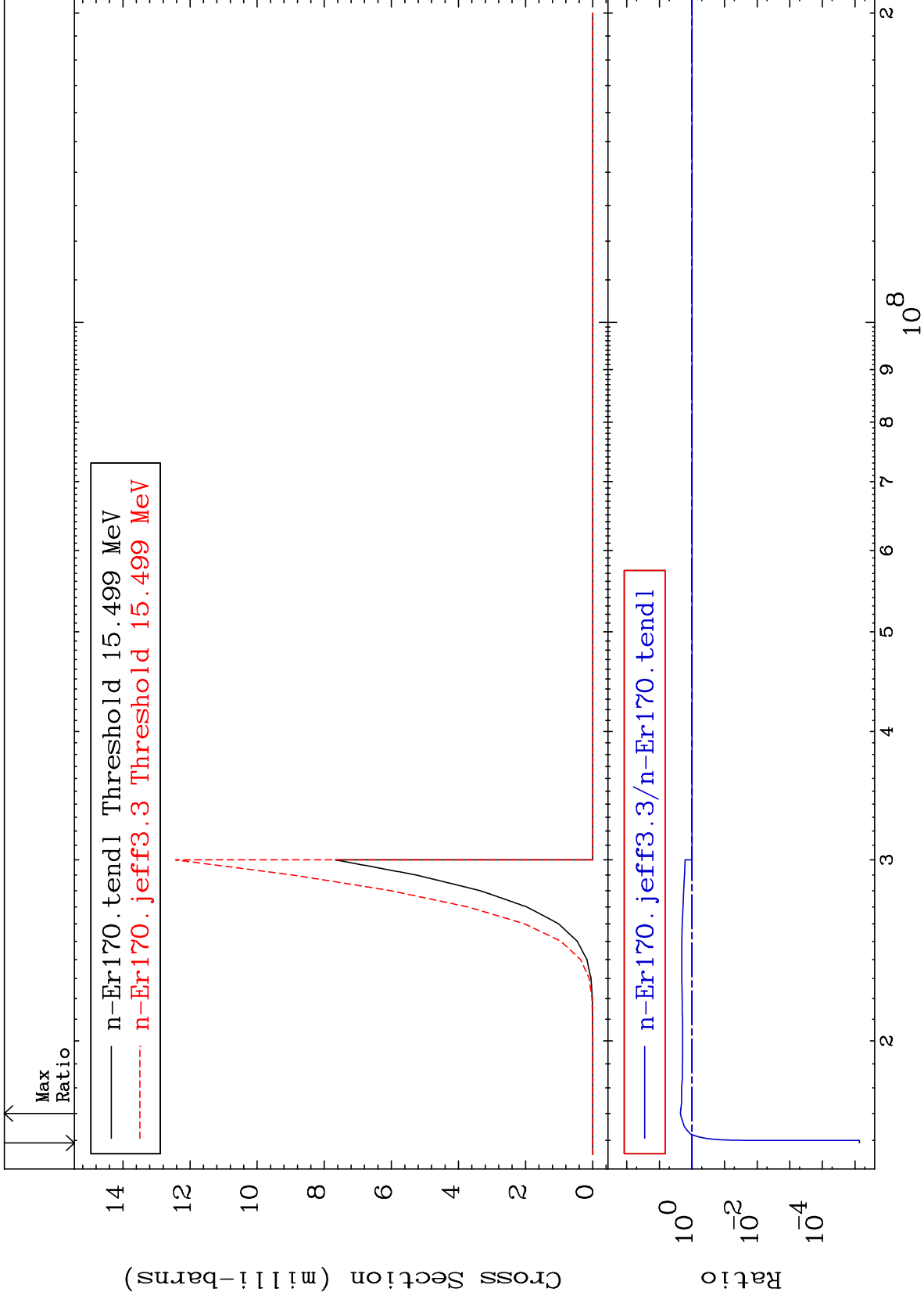
68-Er-170
-0.495 To 4.979 %



MAT 6849

(n,2n) p
Cross Section

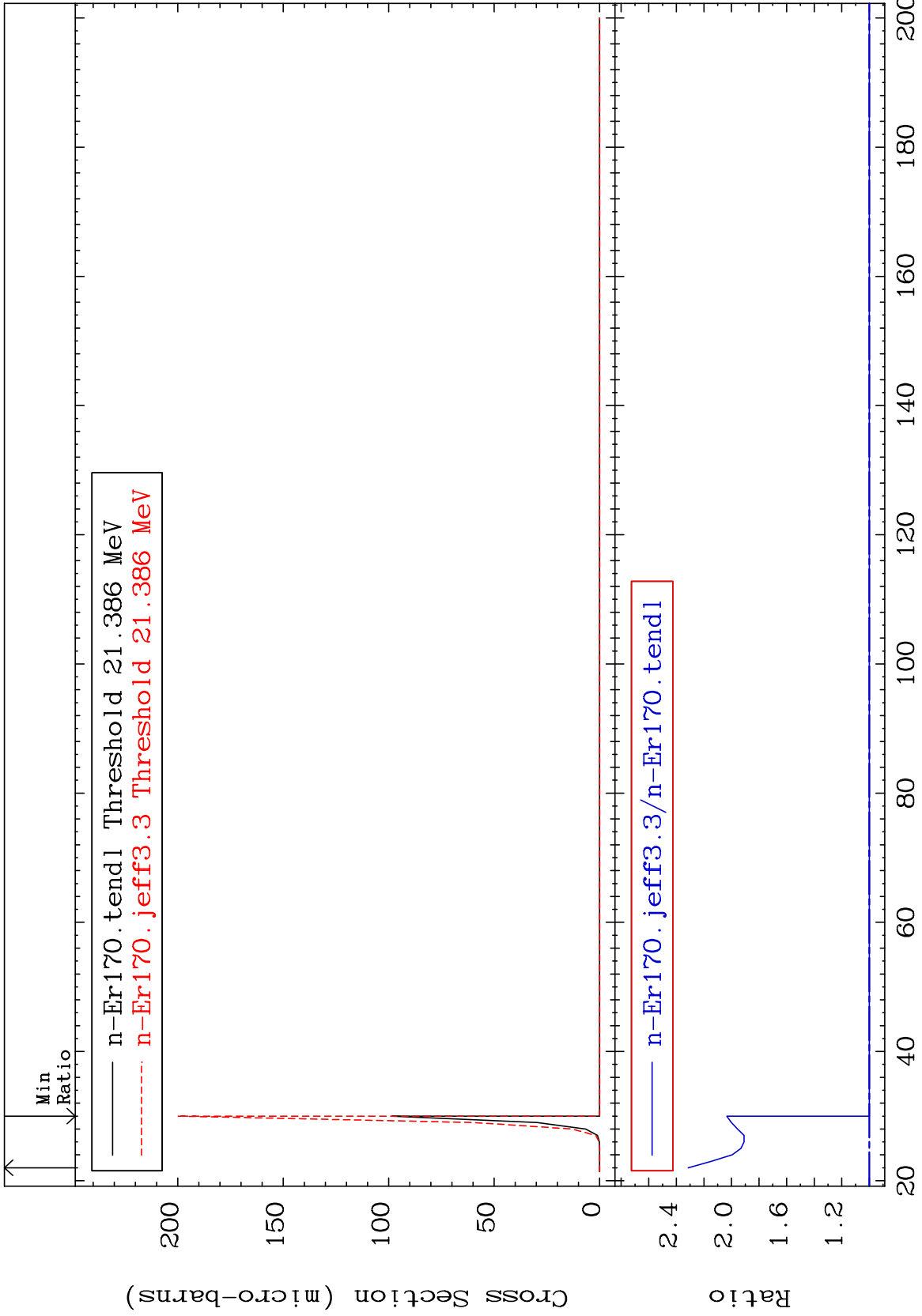
68-Er-170
-100.0 To 127.3 %



MAT 6849

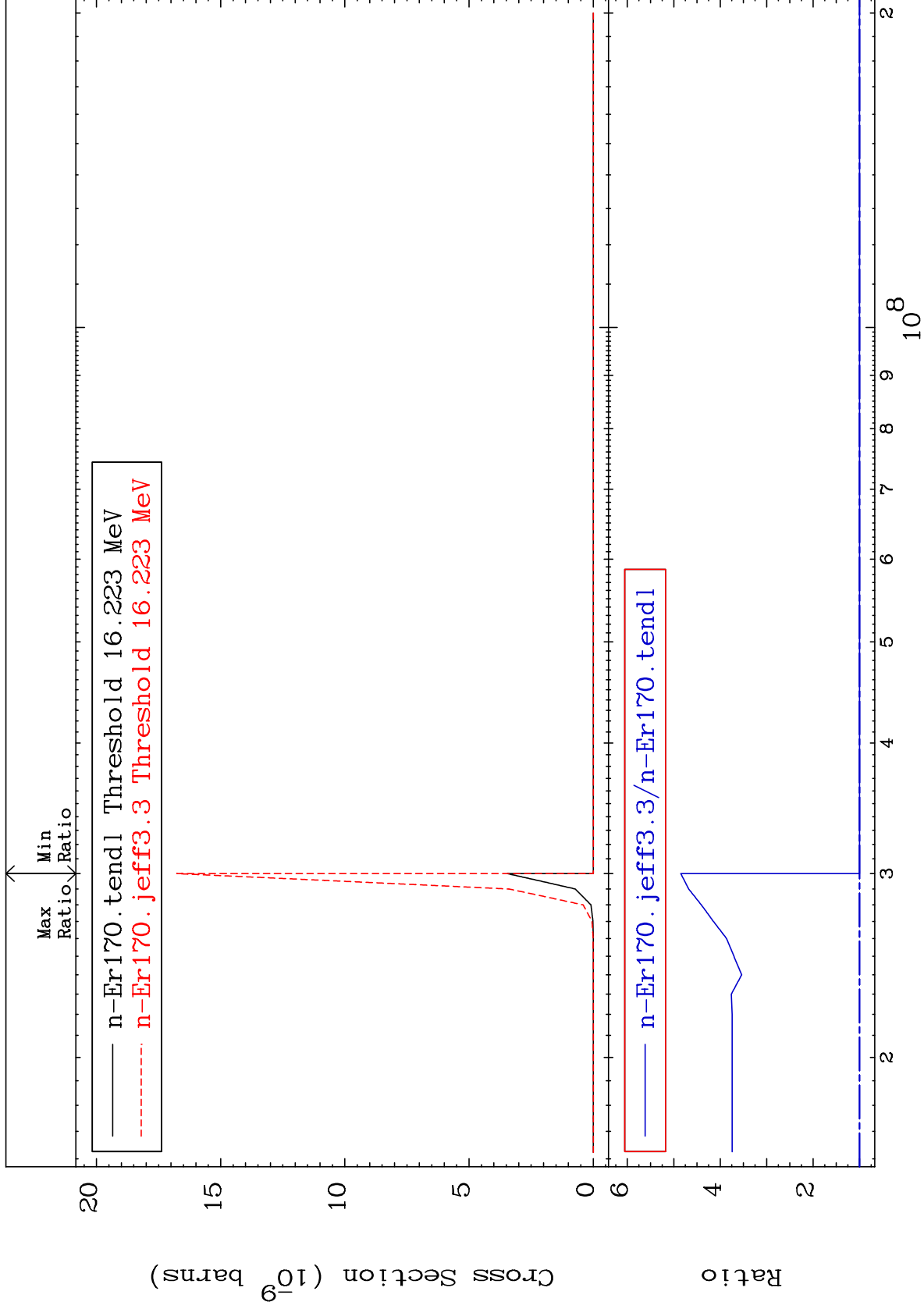
(n,3n) p
Cross Section

68-Er-170
To 131.4 %
0.000



MAT 6849

(n,2n) p
Cross Section
68-Er-170
To 384.9 %
0.000



18

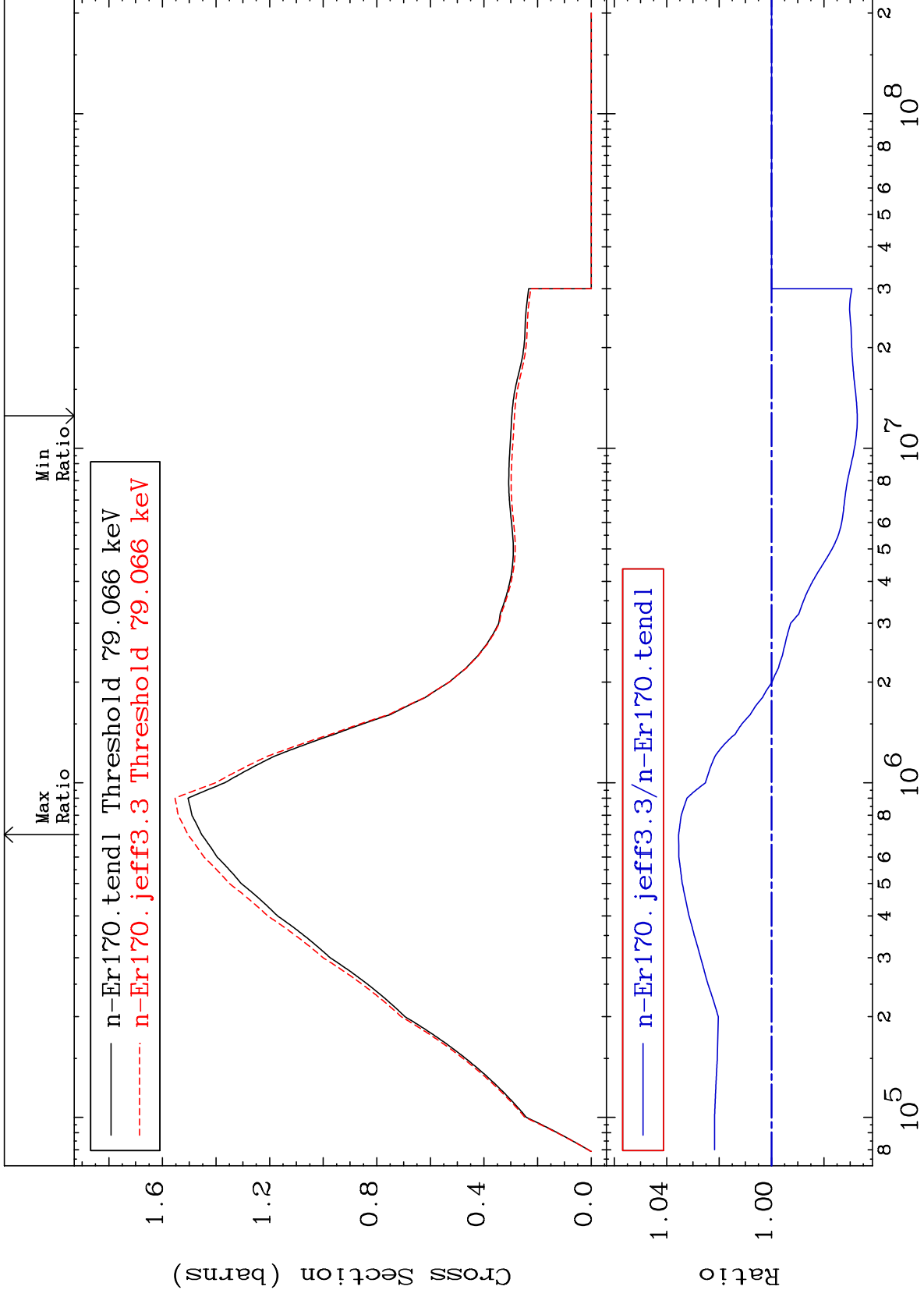
Incident Energy (eV)

68-Er-170

MAT 6849

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

68-Er-170
-3.269 To 3.544 %



19

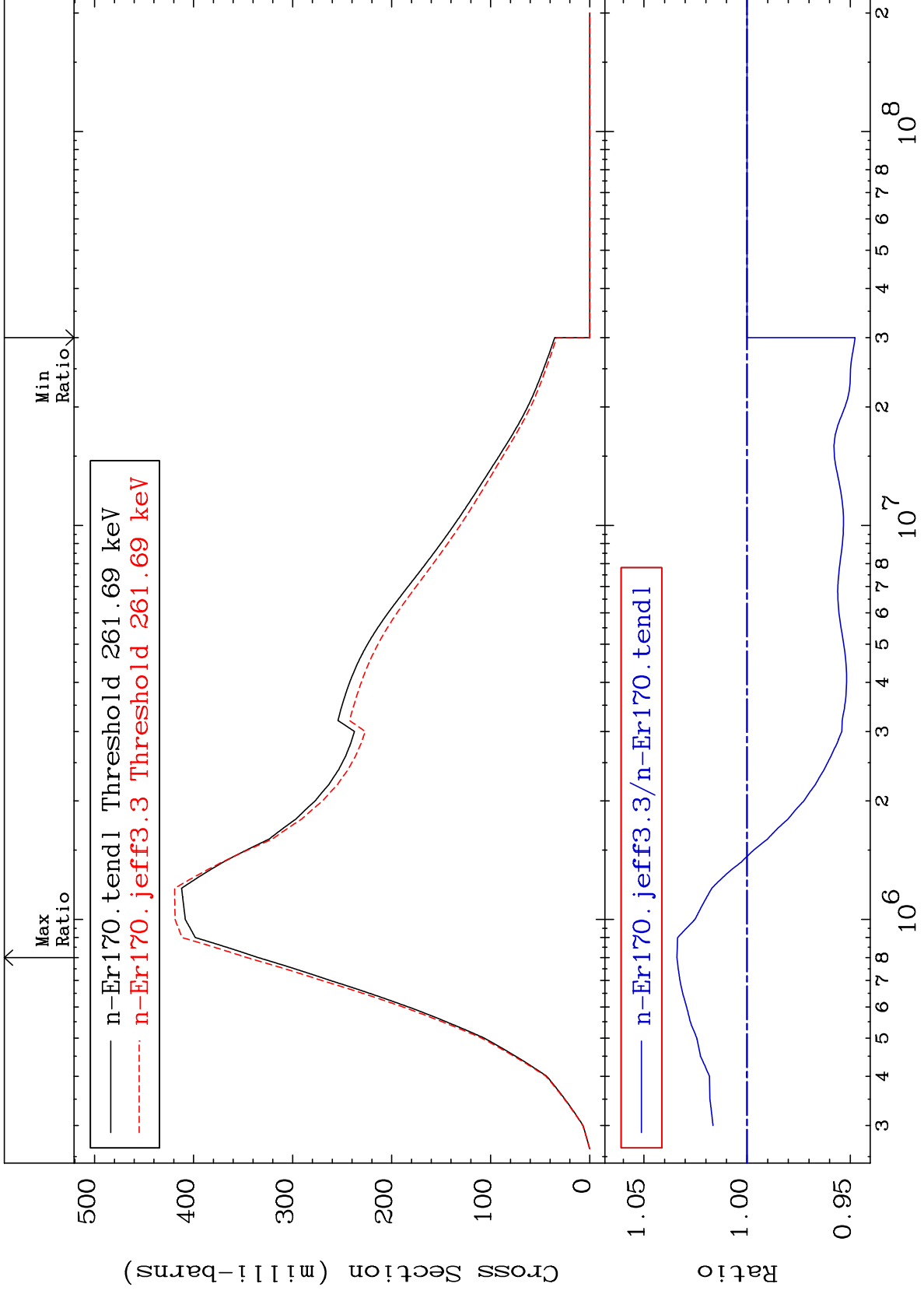
Incident Energy (eV)

68-Er-170

MAT 6849

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

68-Er-170
-5.236 To 3.401 %



20

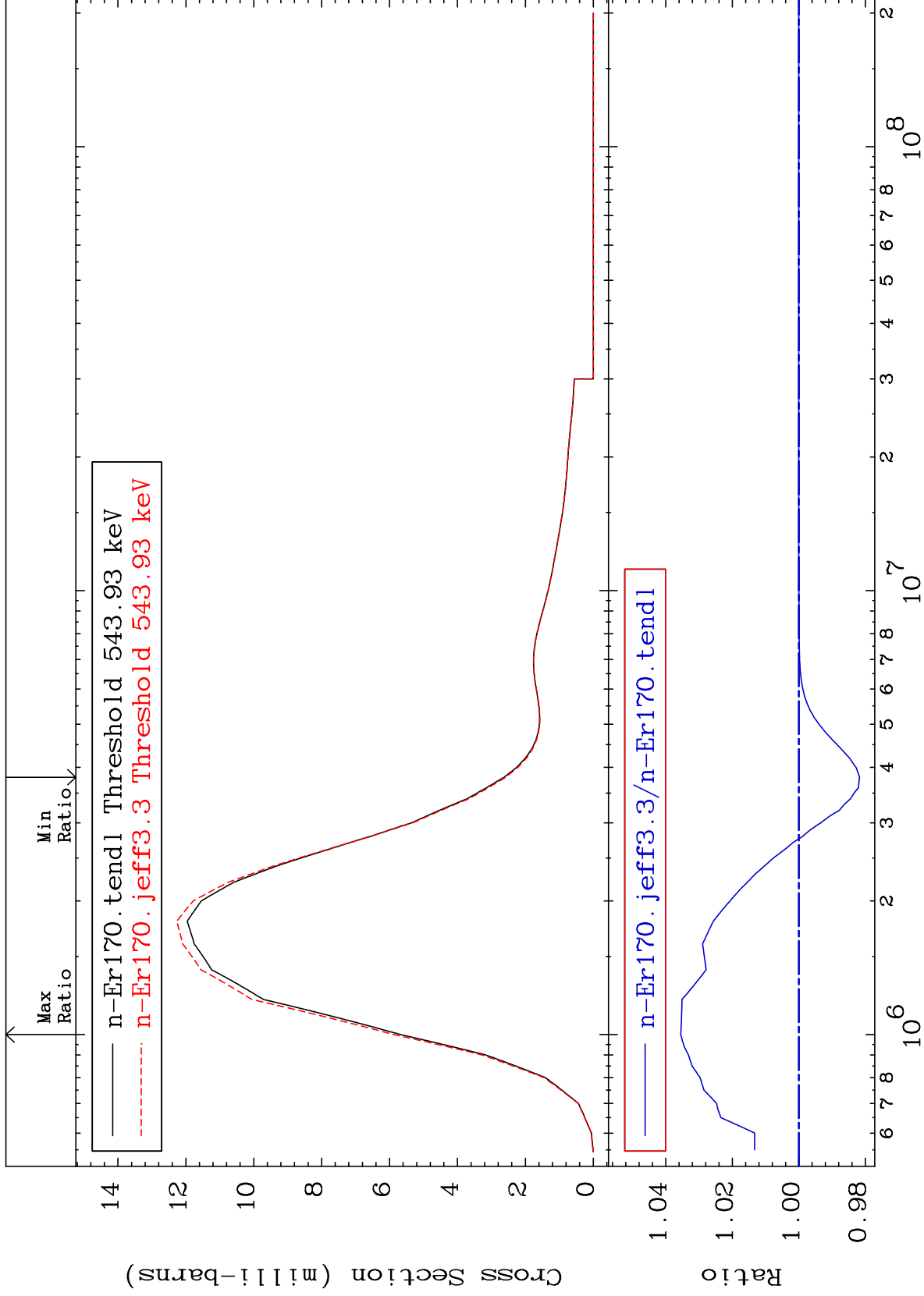
Incident Energy (eV)

68-Er-170

MAT 6849

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

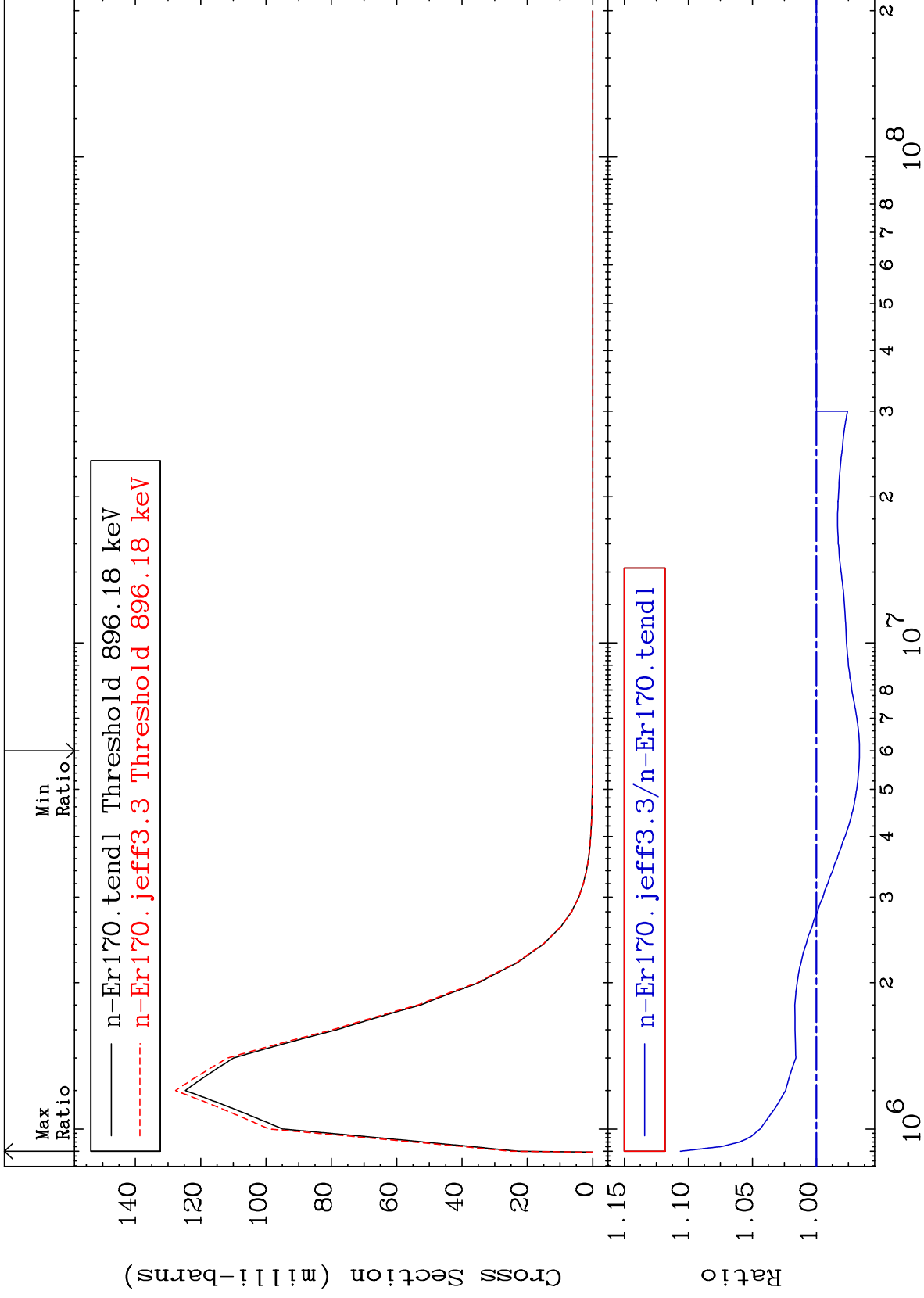
68-Er-170
-1.823 To 3.548 %



MAT 6849

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

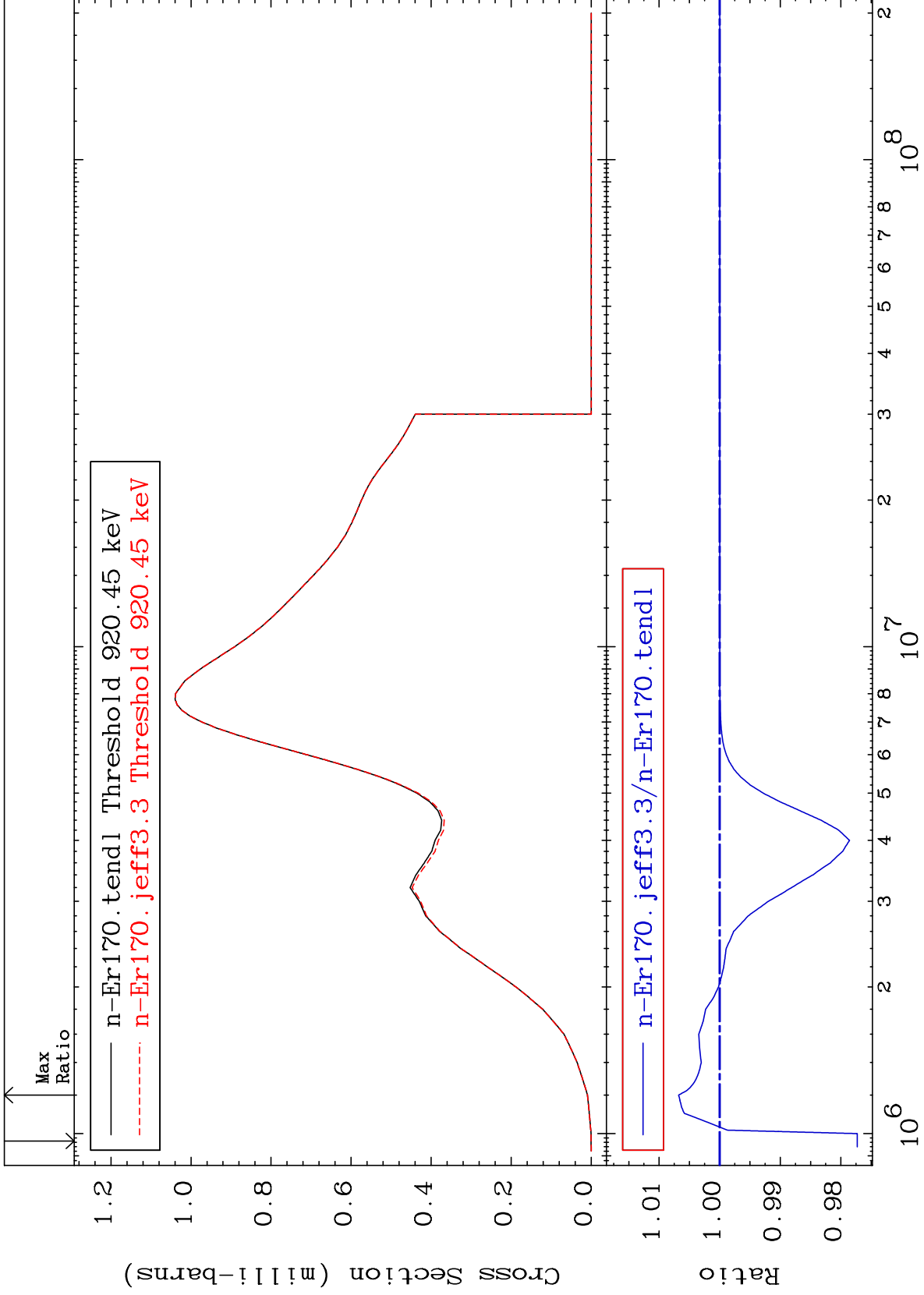
68-Er-170
-3.363 To 10.63 %



MAT 6849

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

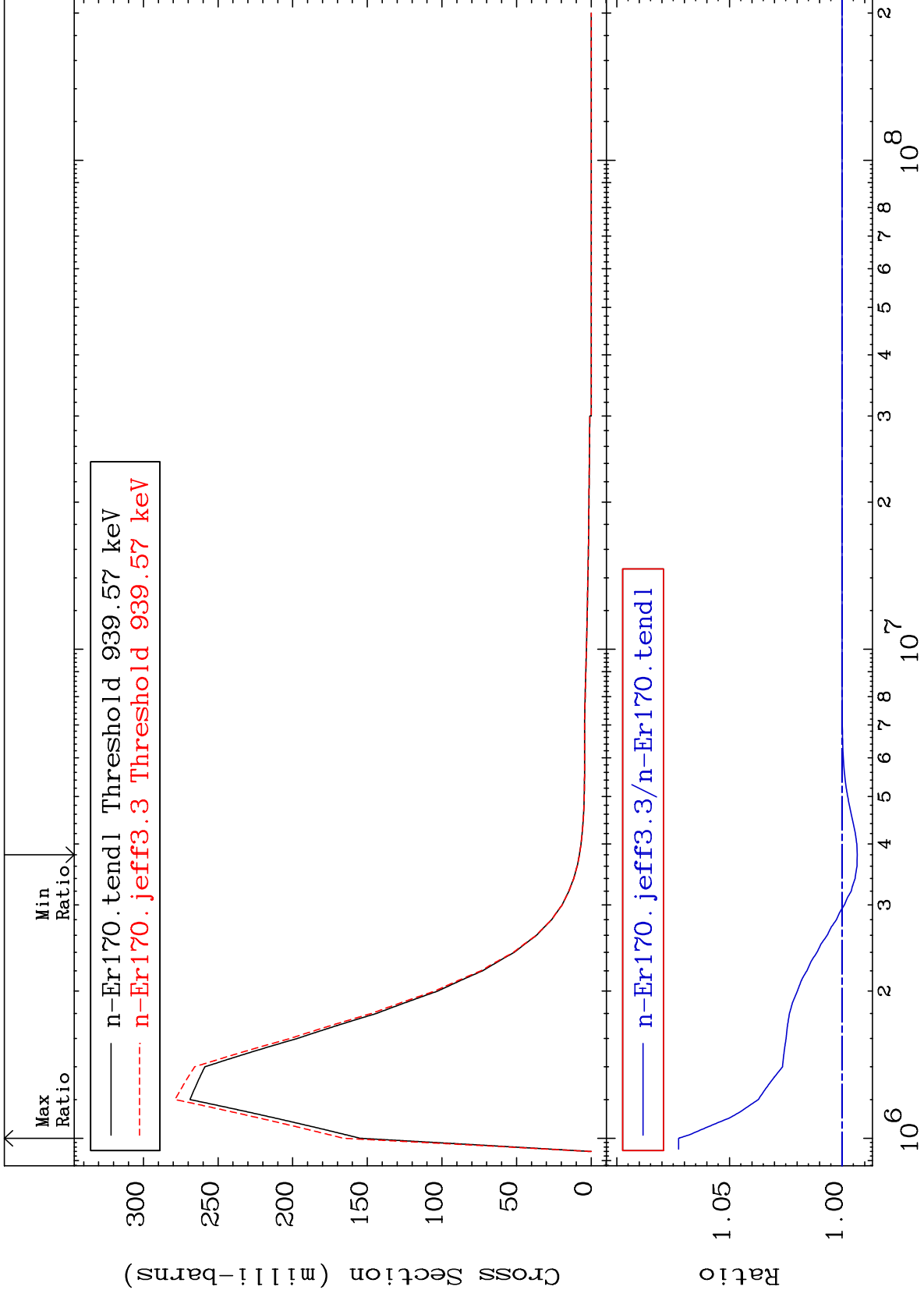
68-Er-170
-2.270 To 0.677 %



MAT 6849

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

68-Er-170
-0.672 To 7.255 %



24

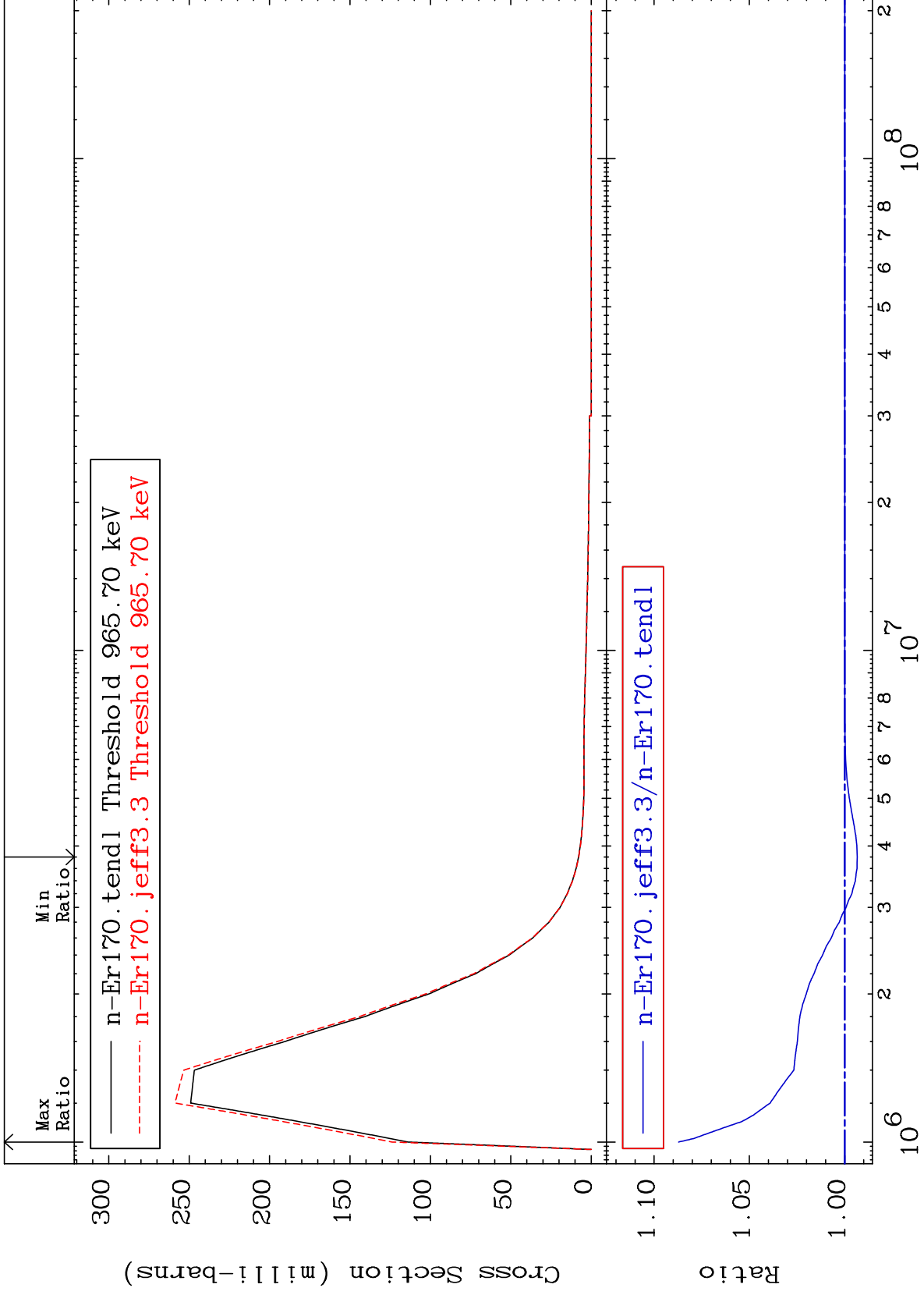
Incident Energy (eV)

68-Er-170

MAT 6849

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

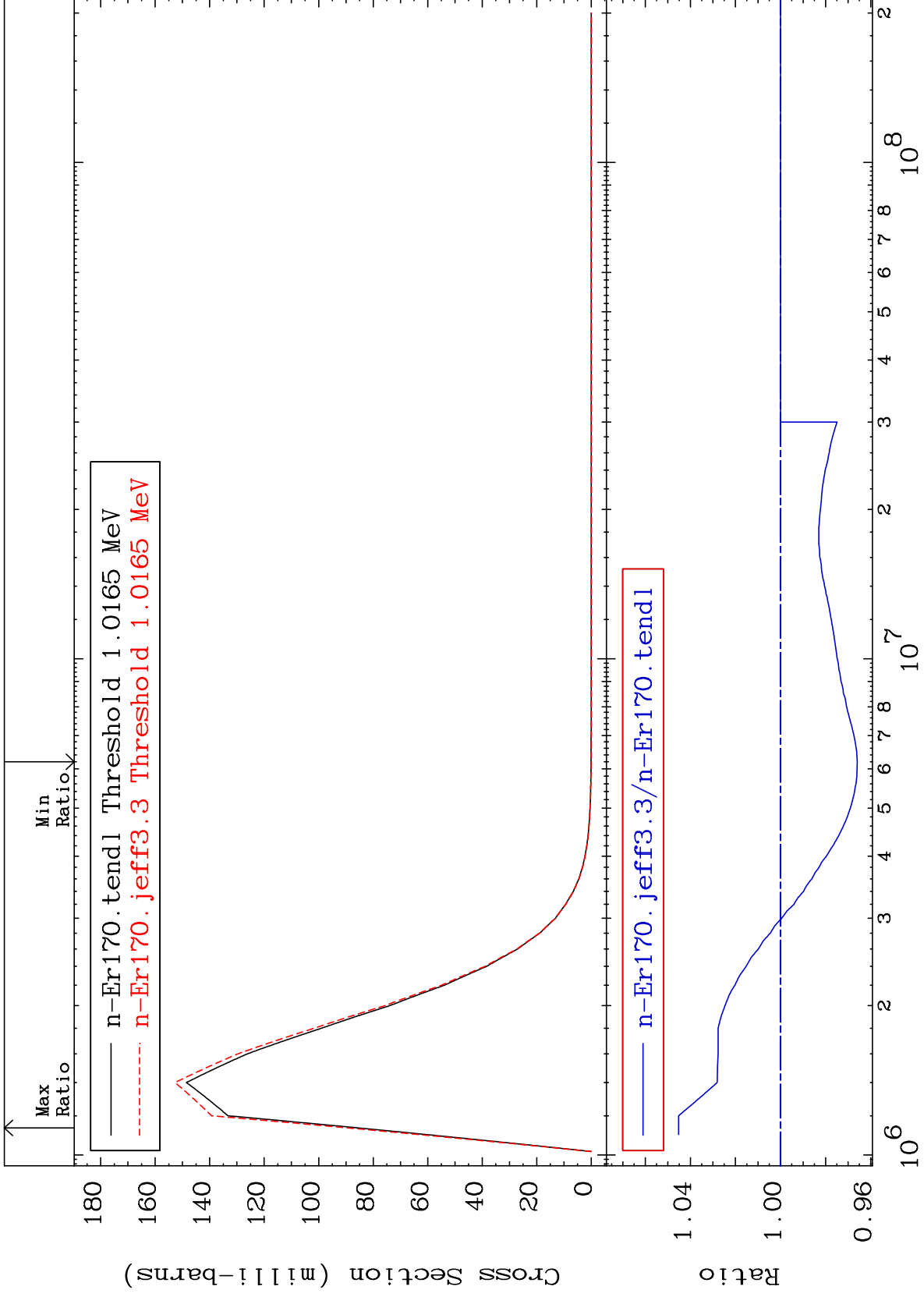
68-Er-170
-0.659 To 8.713 %



MAT 6849

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

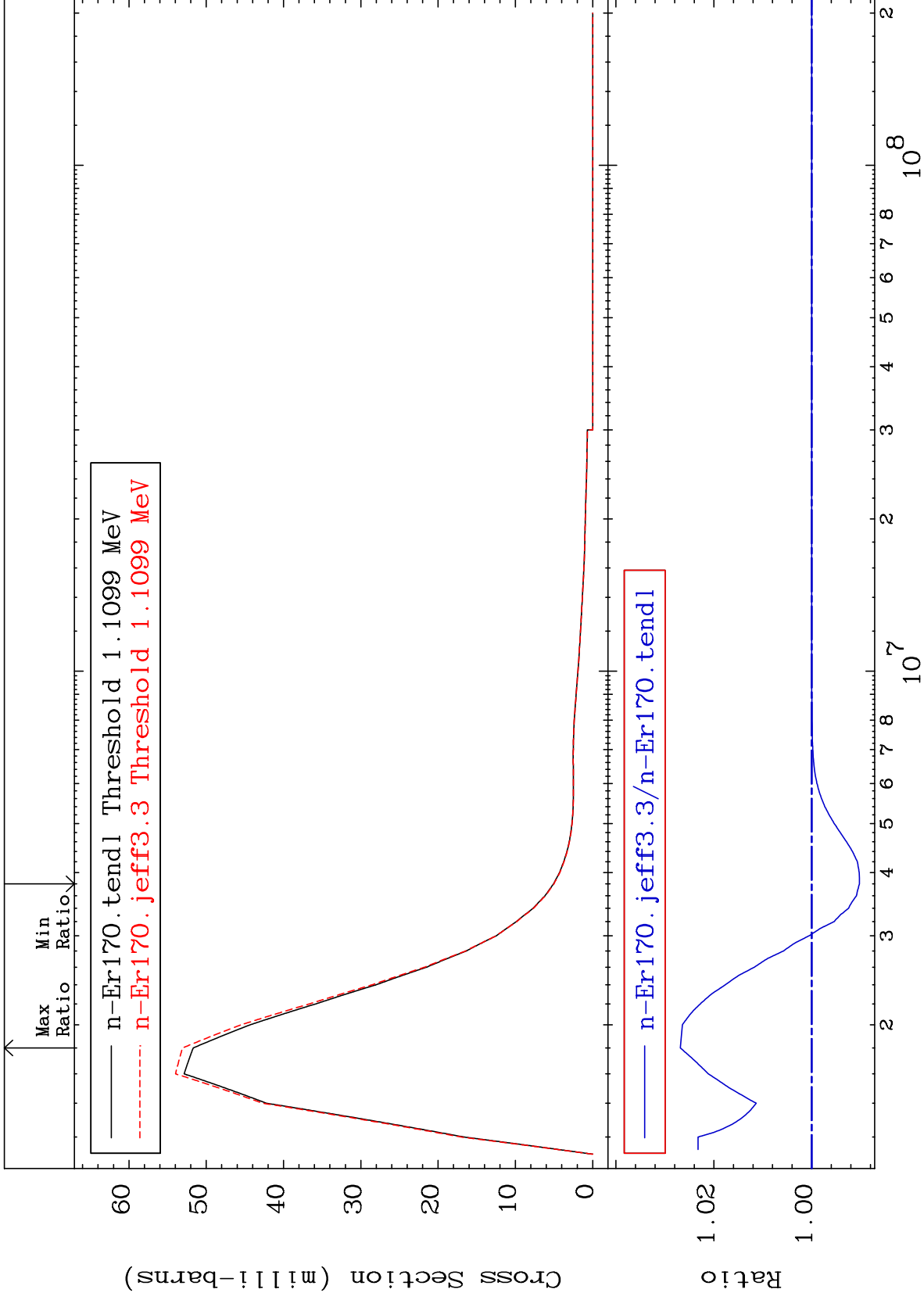
68-Er-170
-3.405 To 4.522 %



26

Incident Energy (eV)

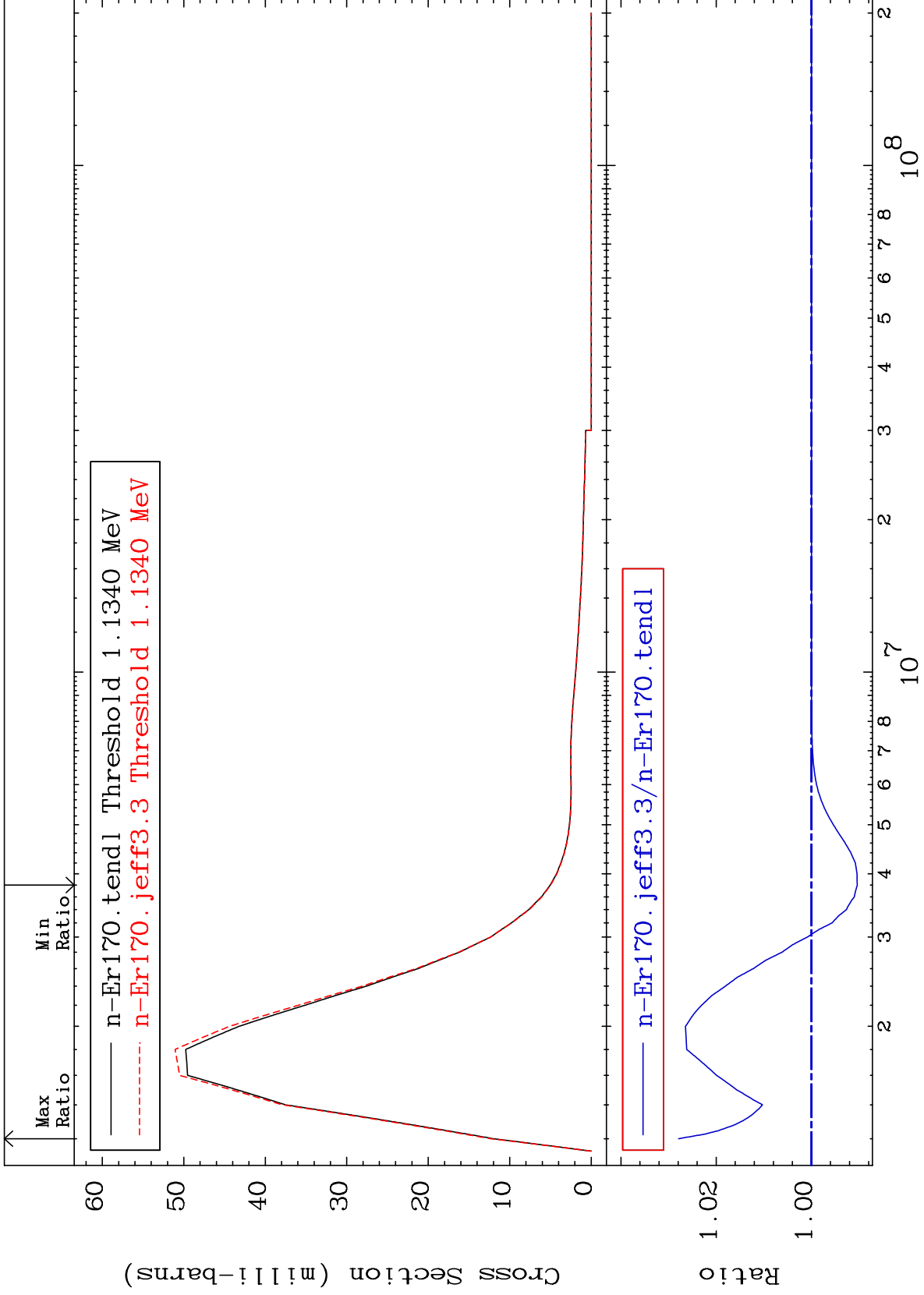
68-Er-170

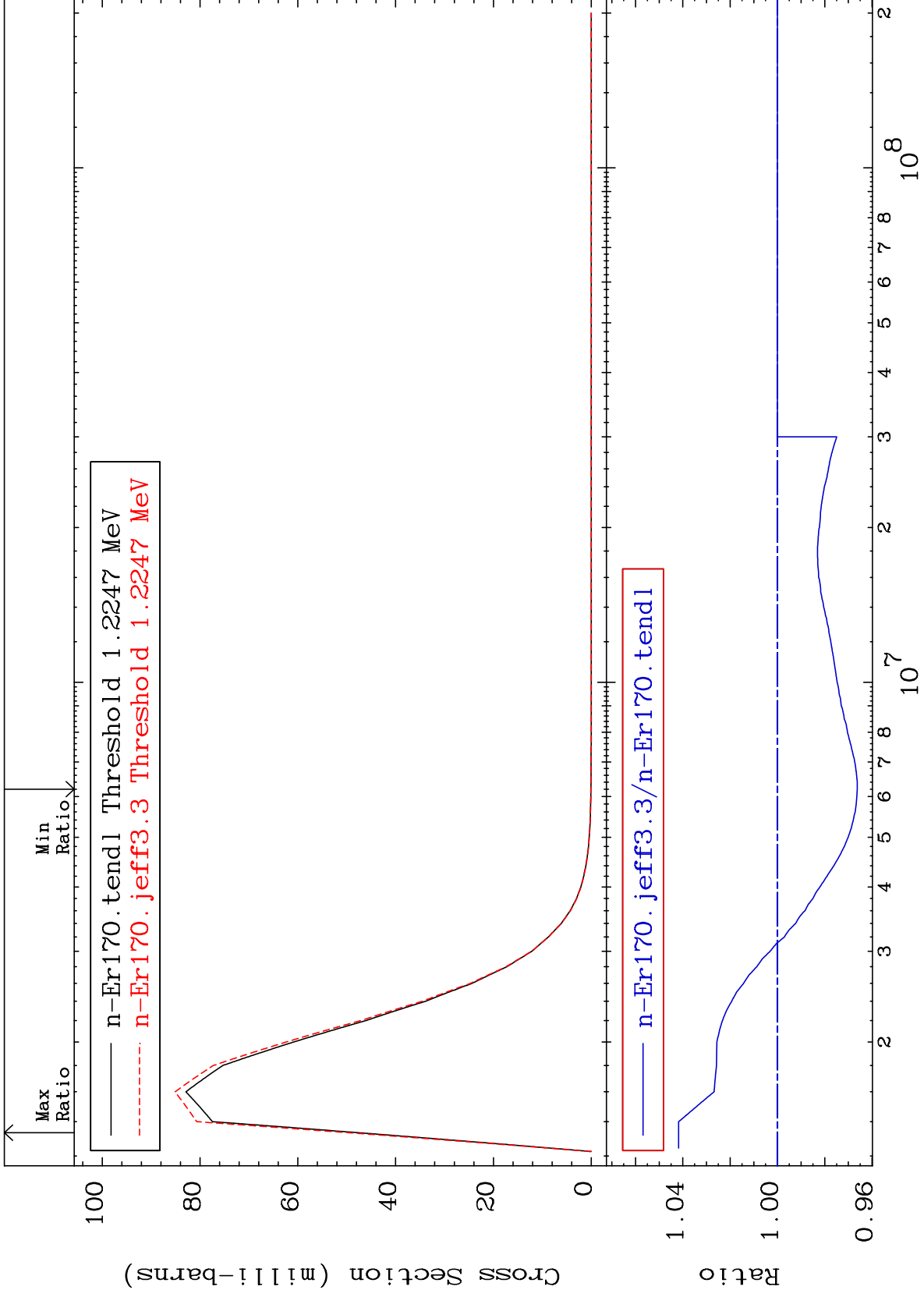


MAT 6849

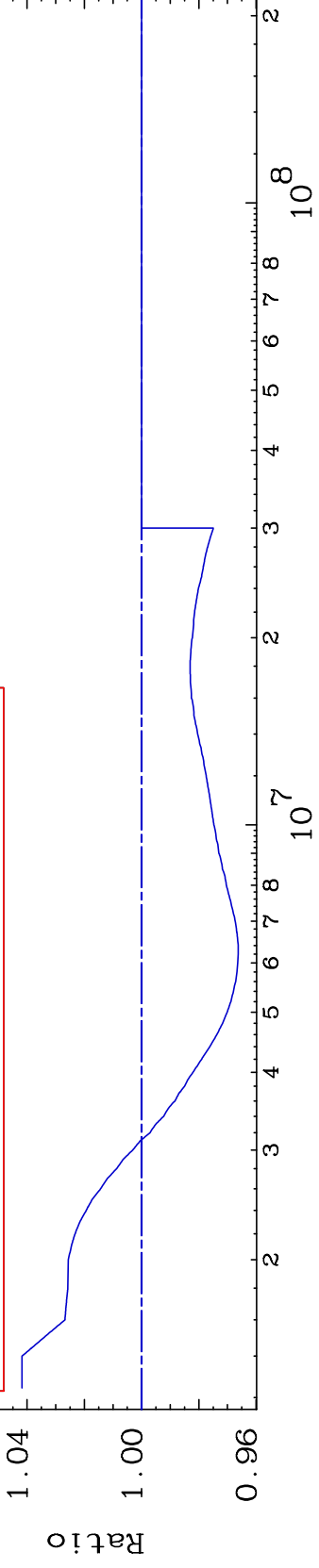
MT= 60 (n,n') Level
Cross Section

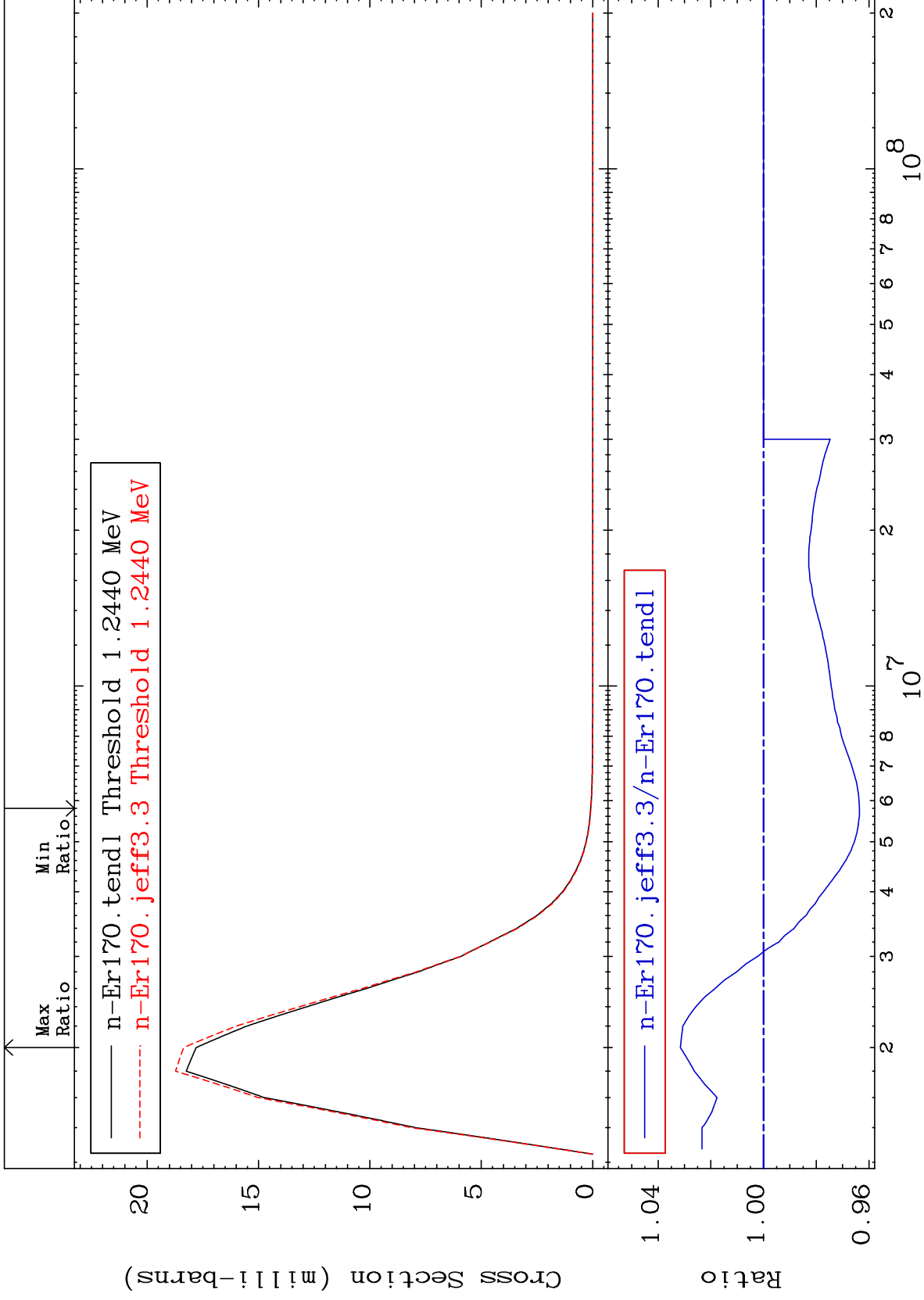
68-Er-170
-0.962 To 2.788 %

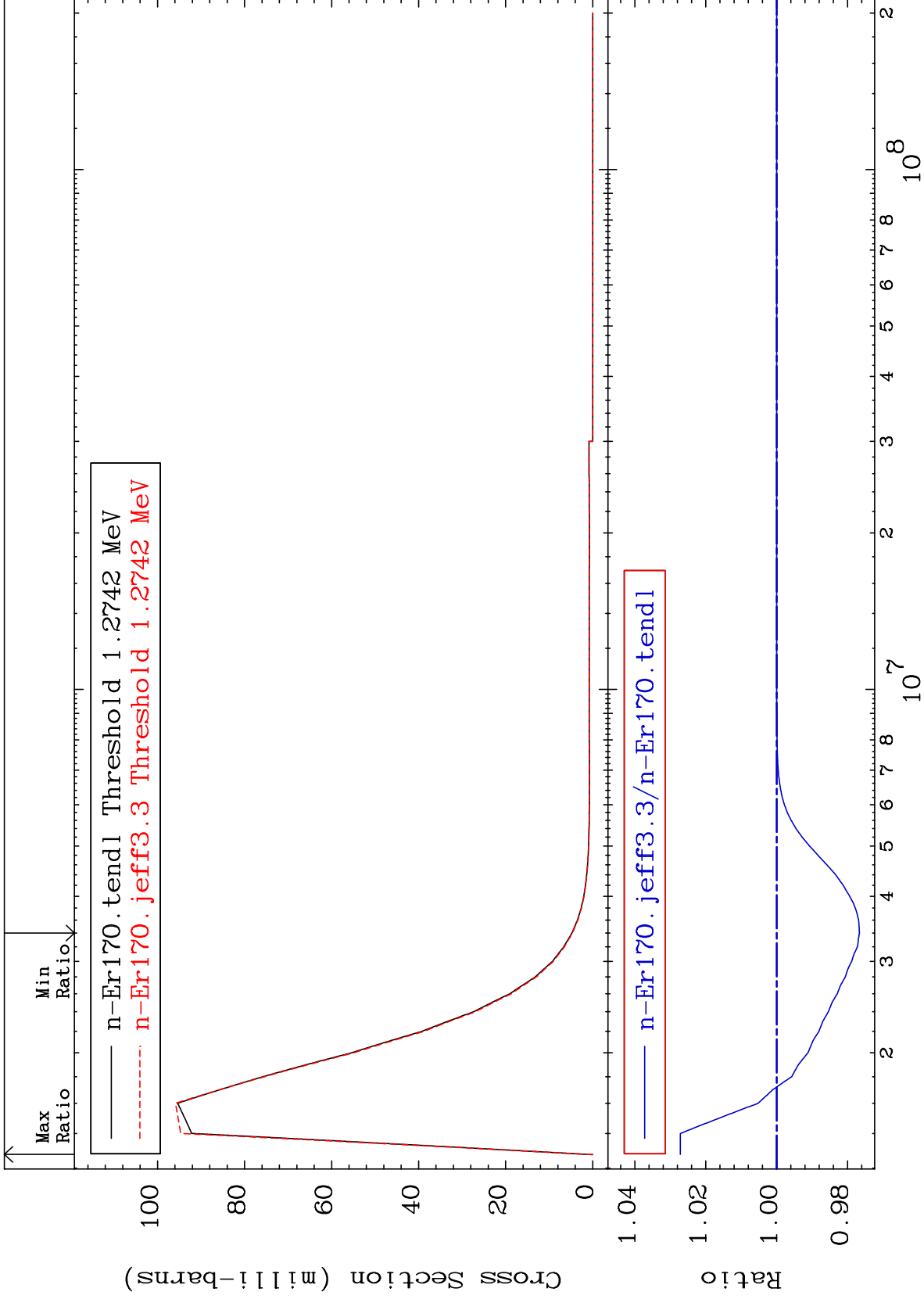


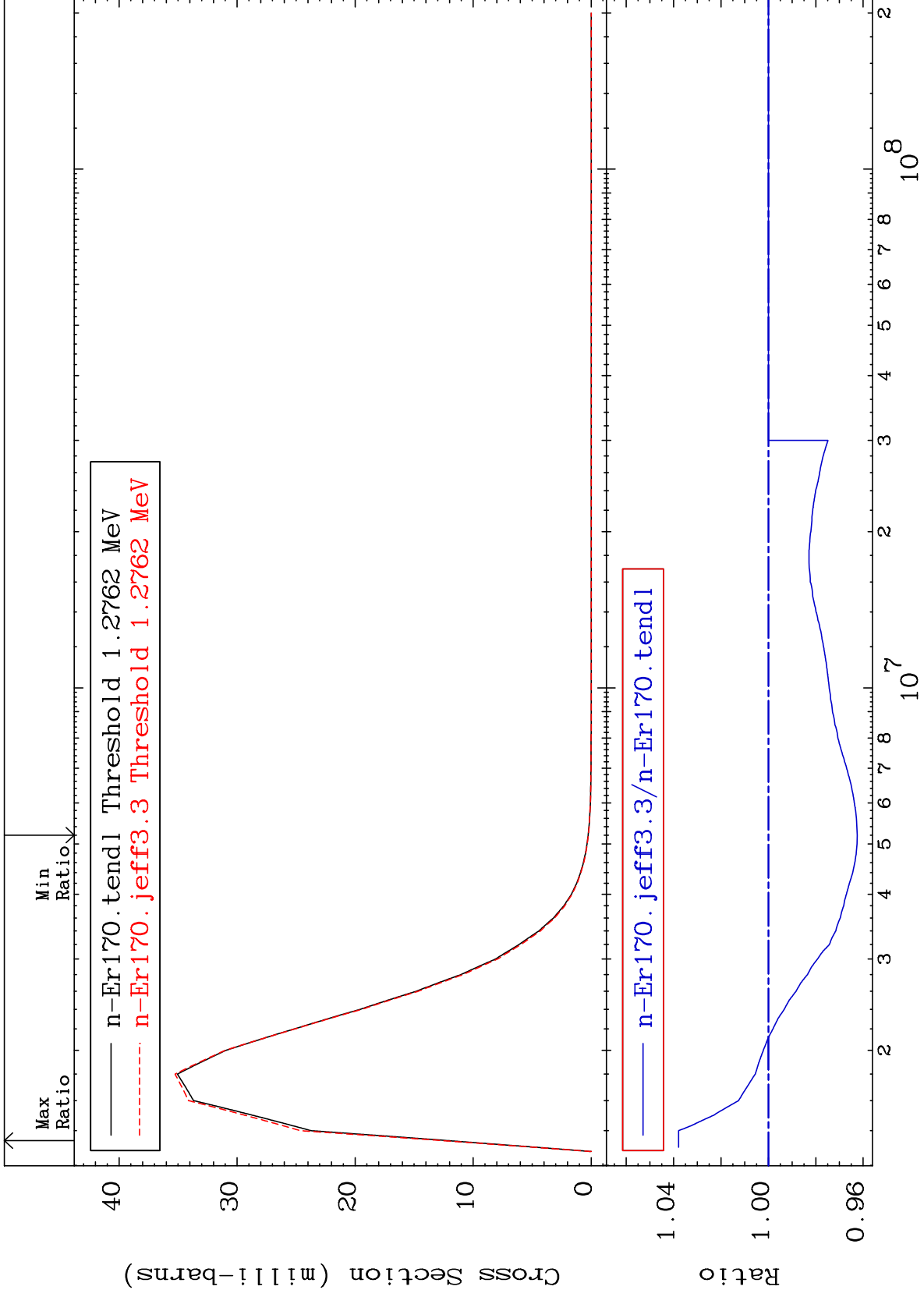


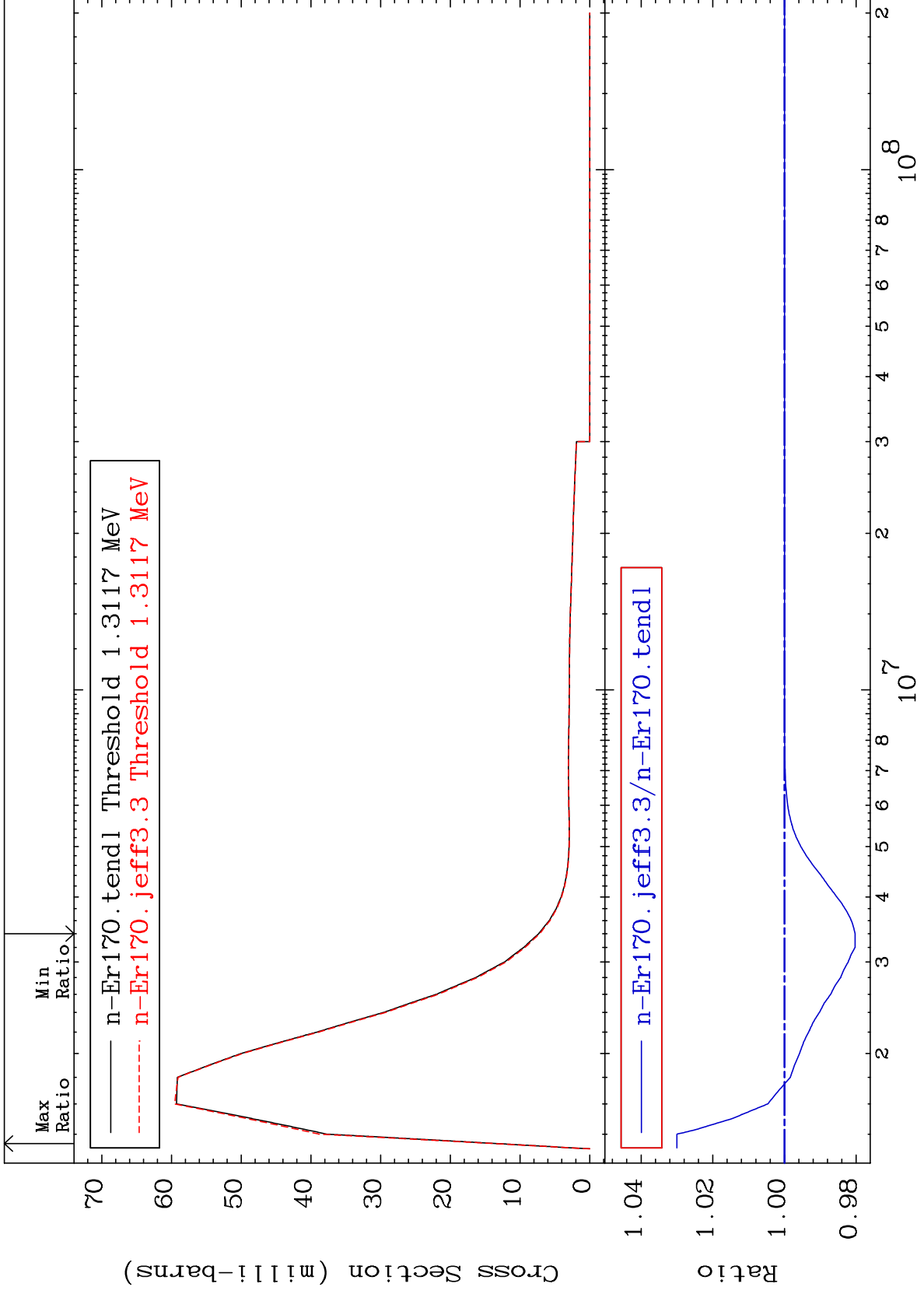
n-Er170.jeff3.3/n-Er170.tendl

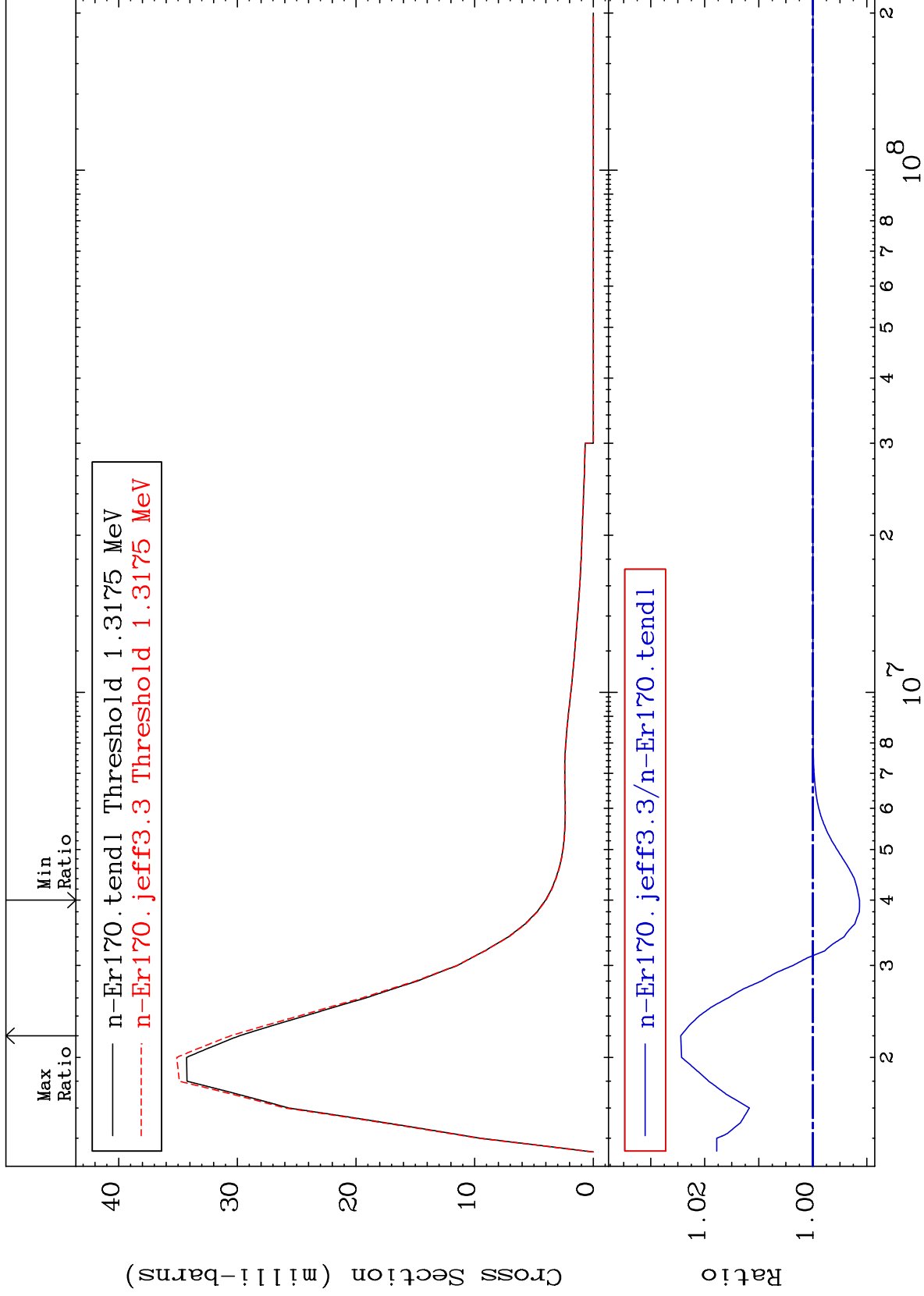








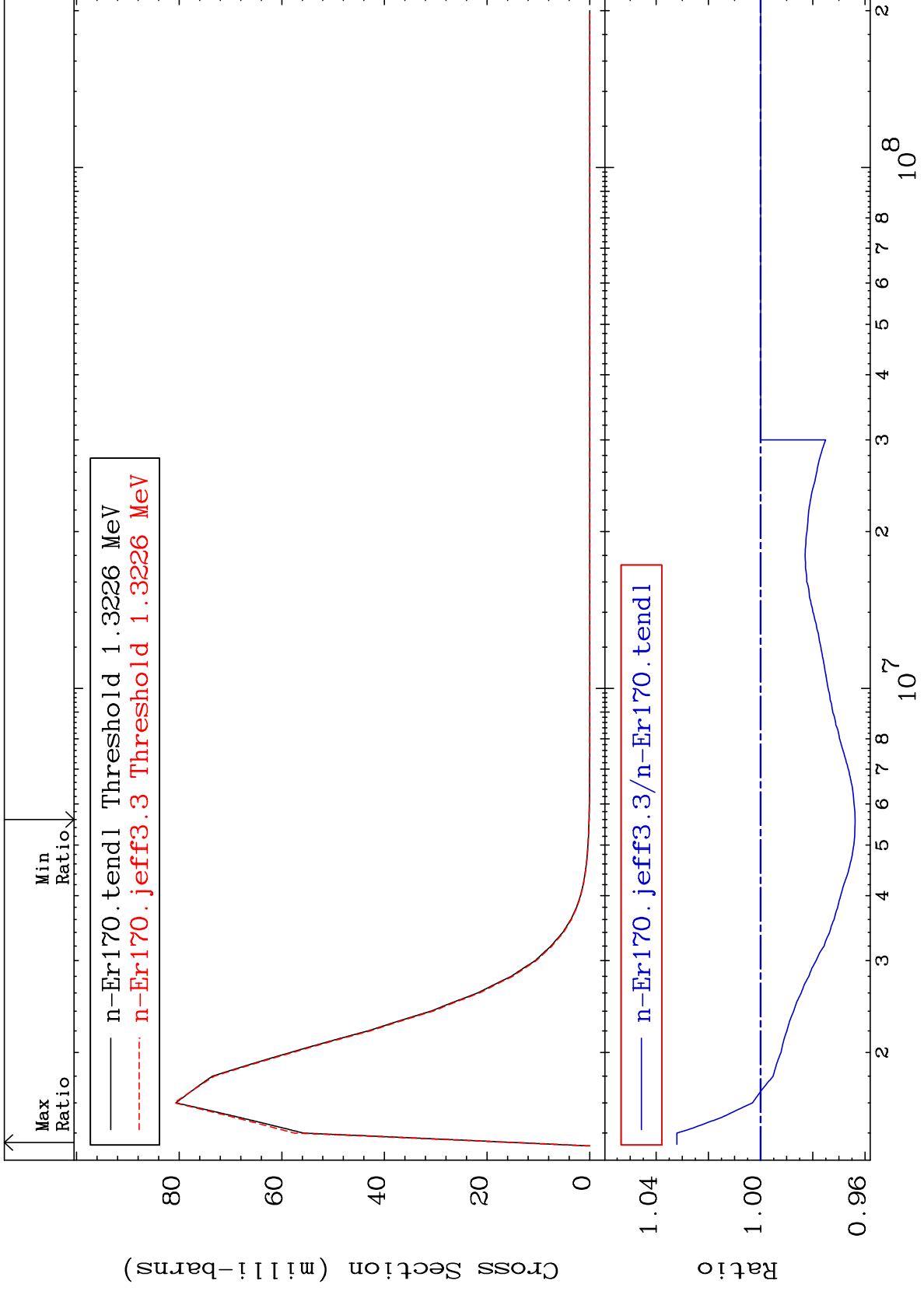


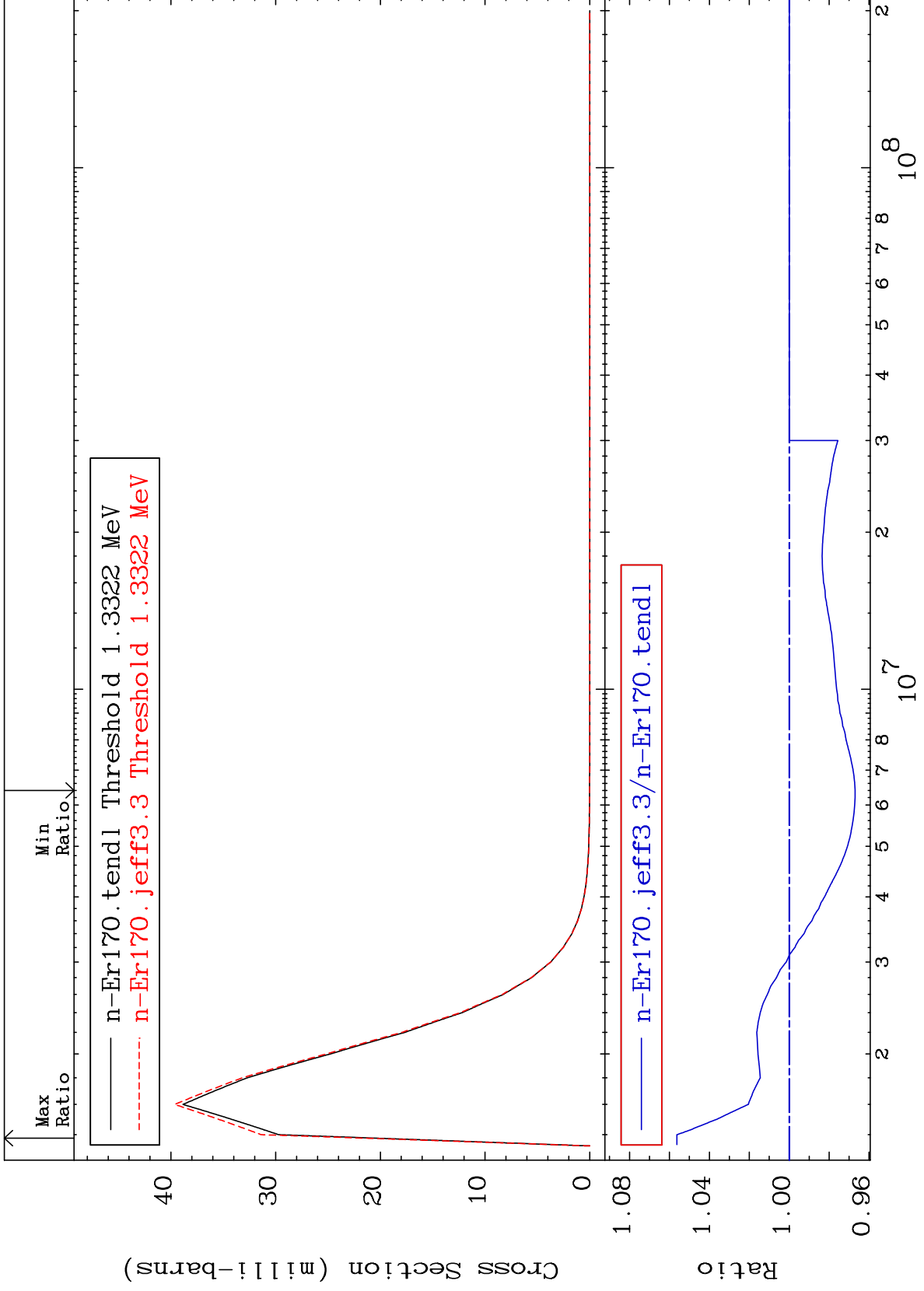


MAT 6849

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

68-Er-170
-3.619 To 3.207 %

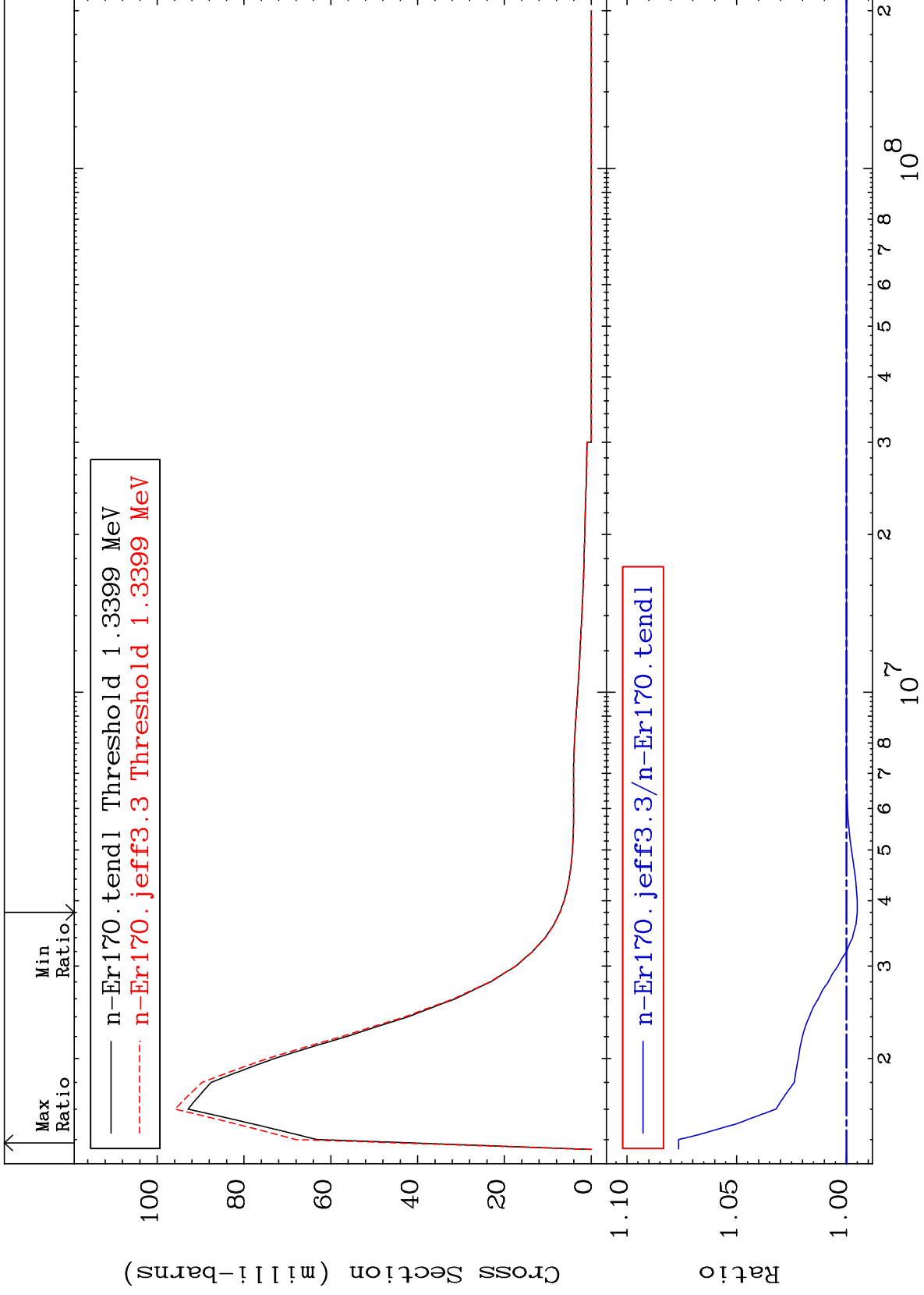




MAT 6849

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

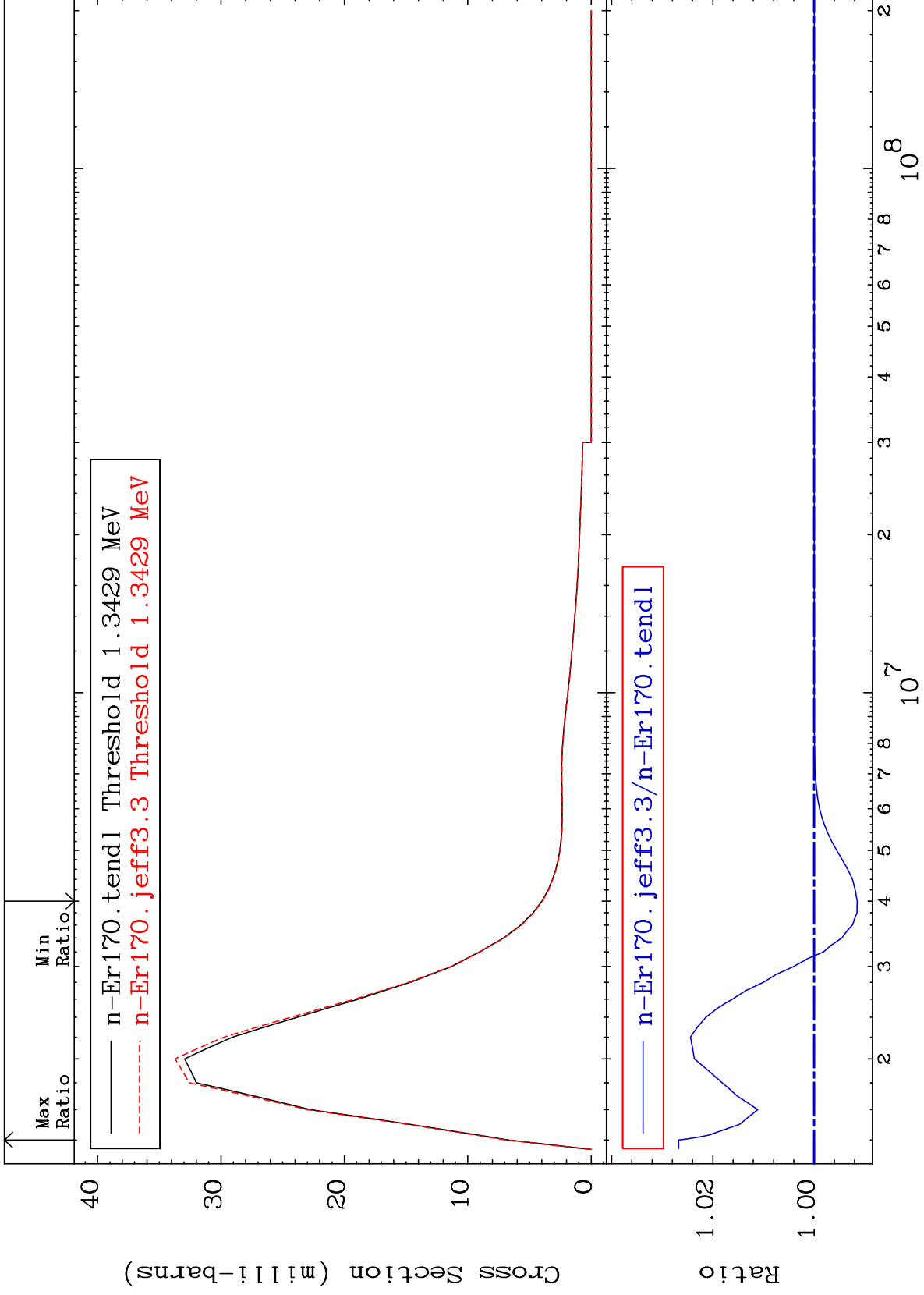
68-Er-170
-0.497 To 7.644 %

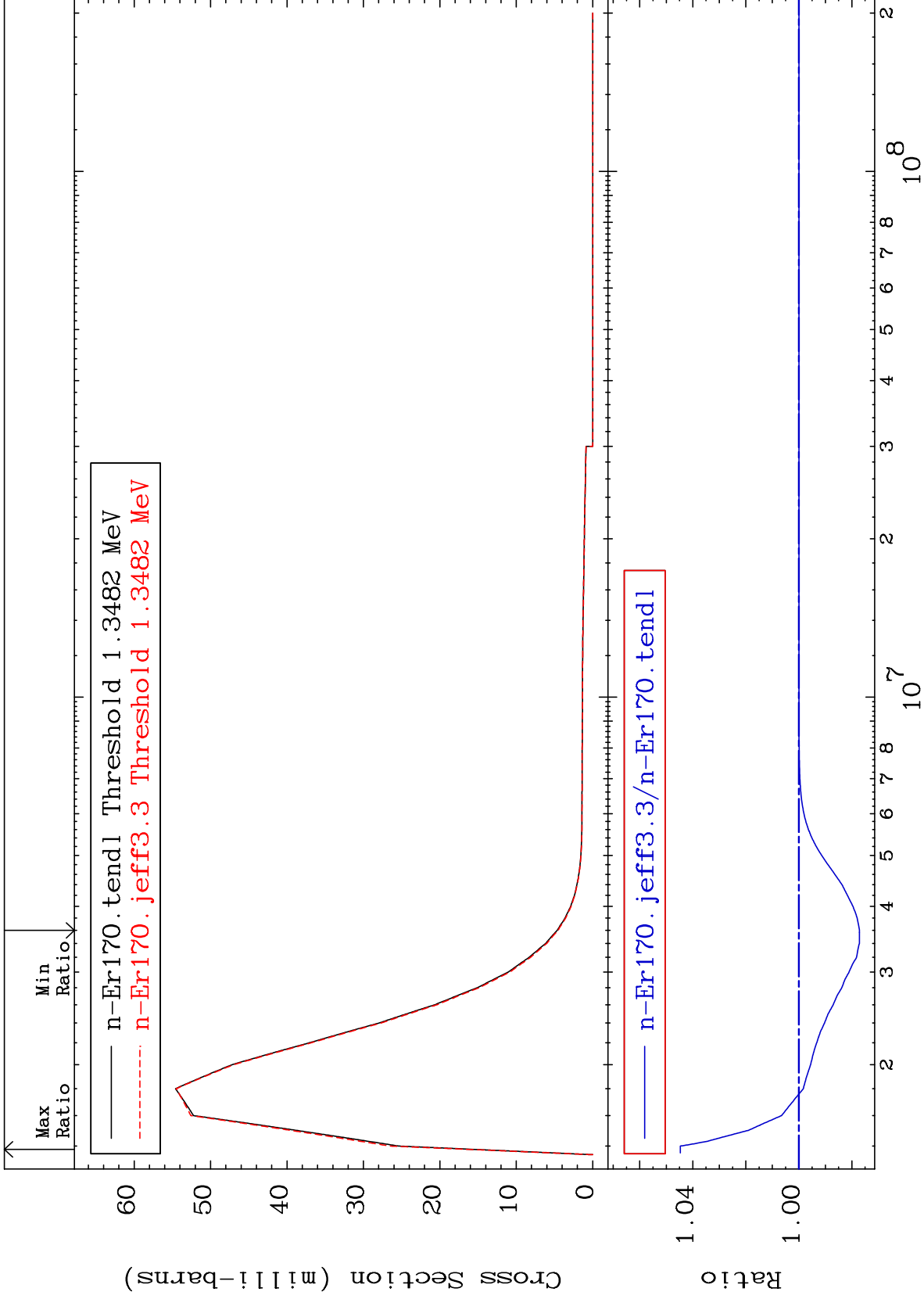


MAT 6849

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

68-Er-170
-0.852 To 2.676 %

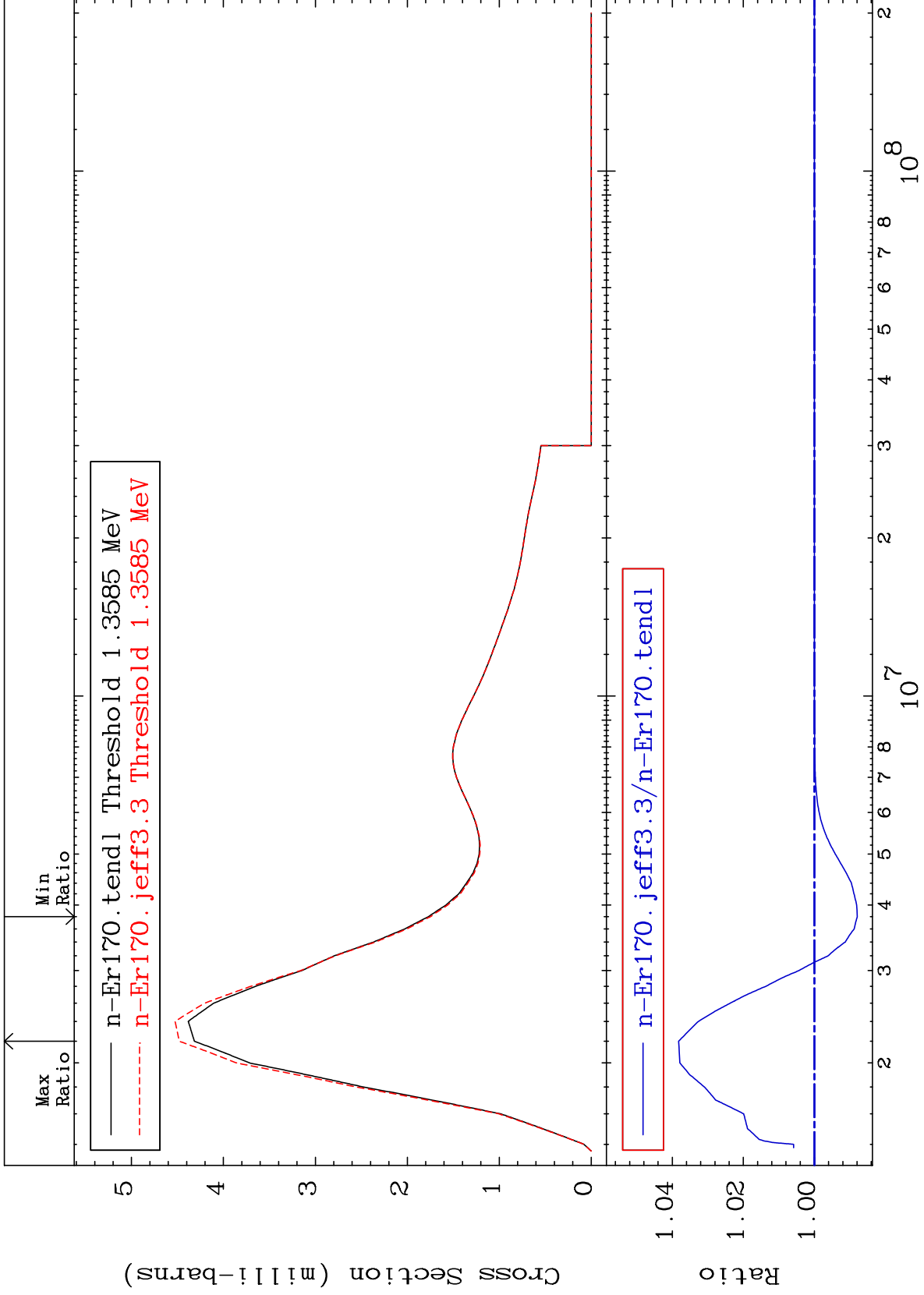




MAT 6849

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

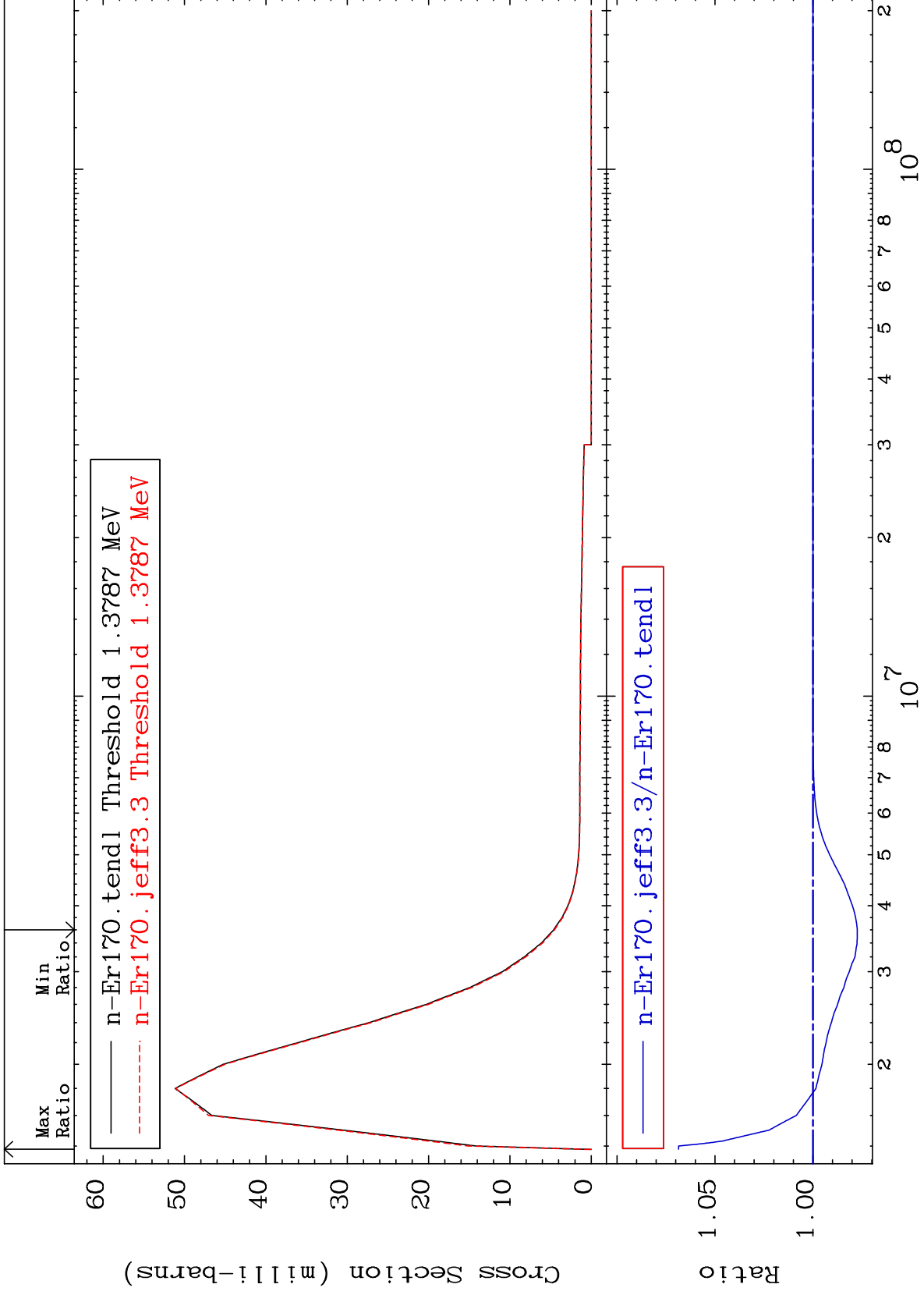
68-Er-170
-1.205 To 3.822 %

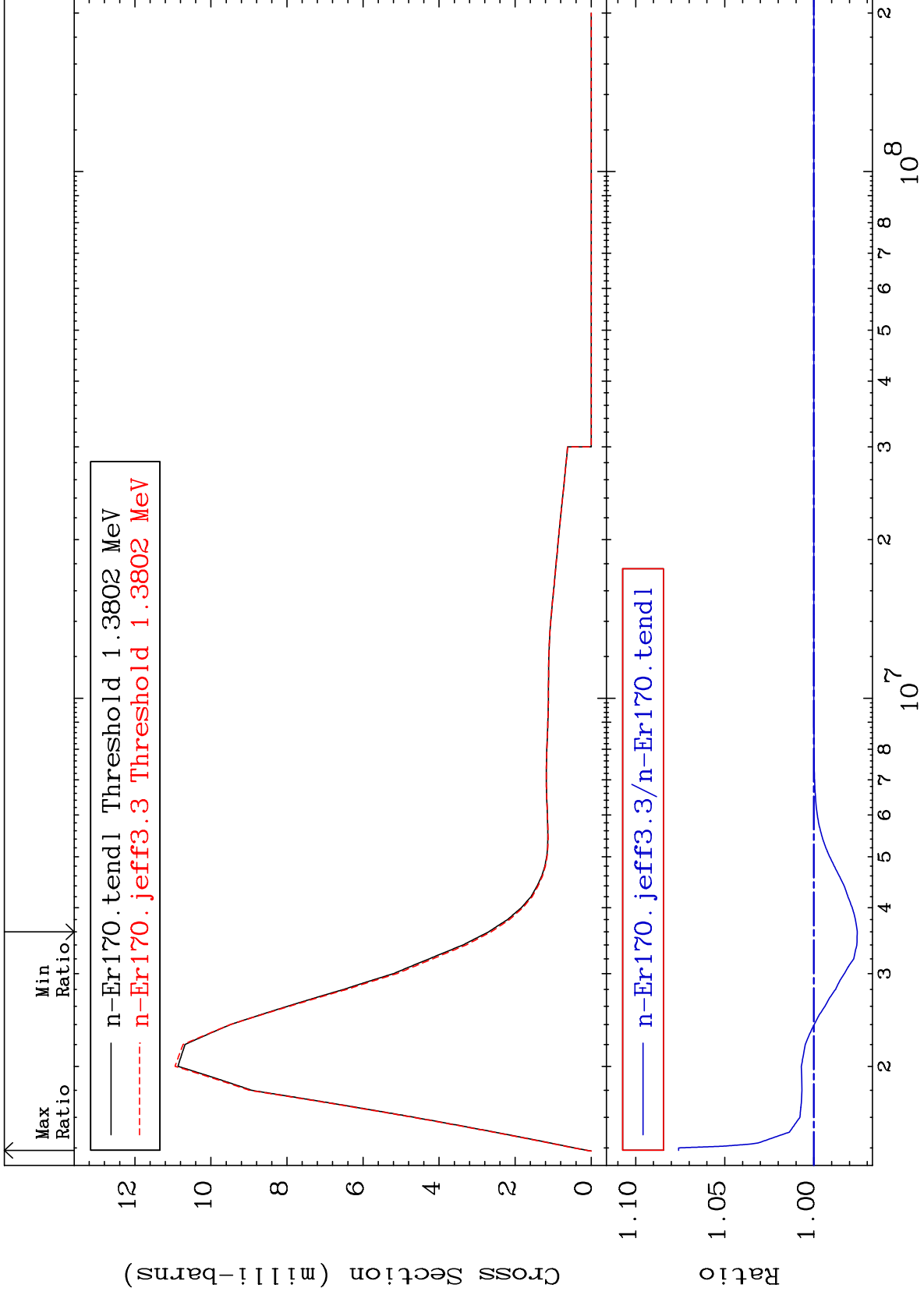


MAT 6849

MT= 73 (n,n') Level
Cross Section

68-Er-170
-2.261 To 6.853 %

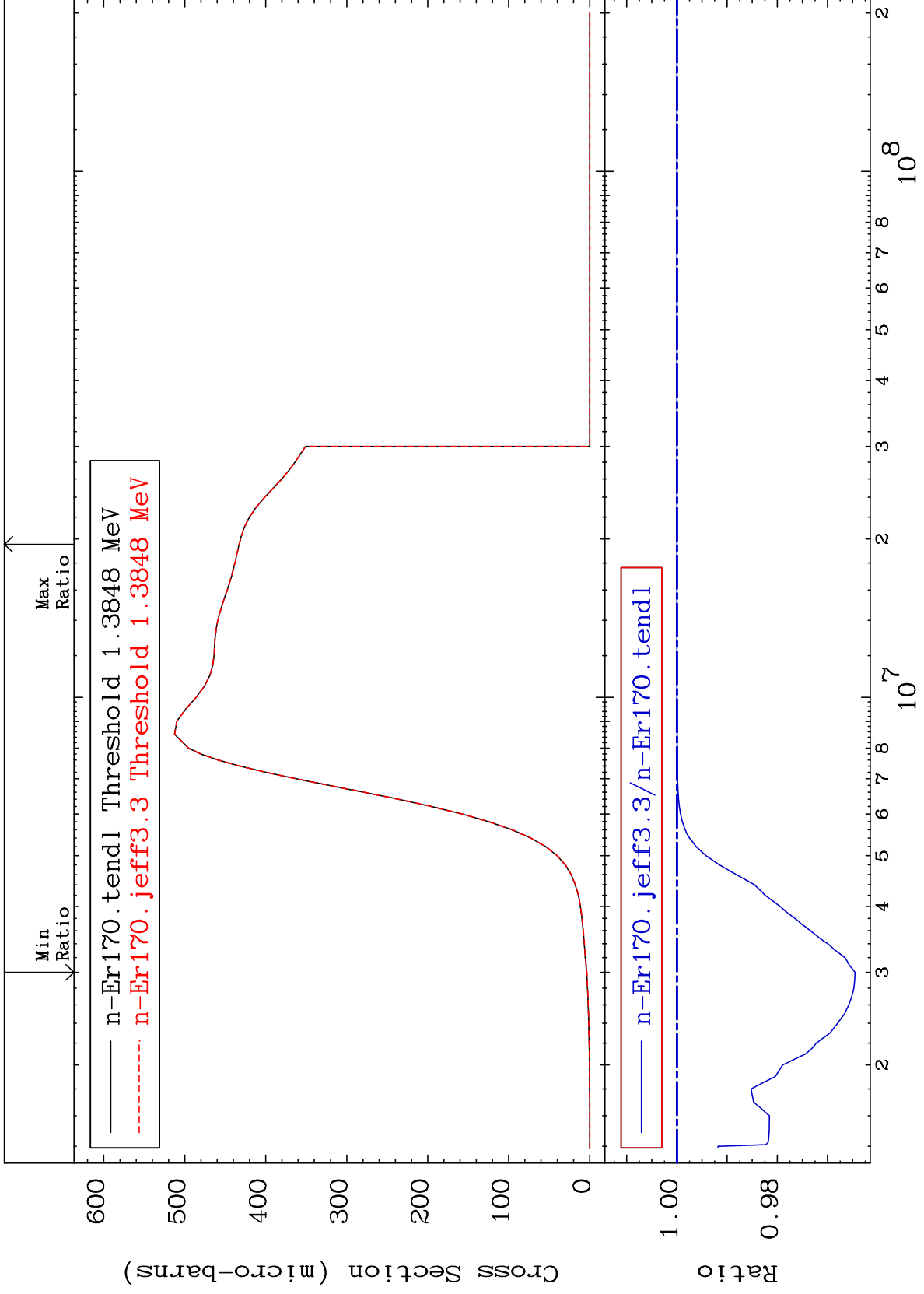


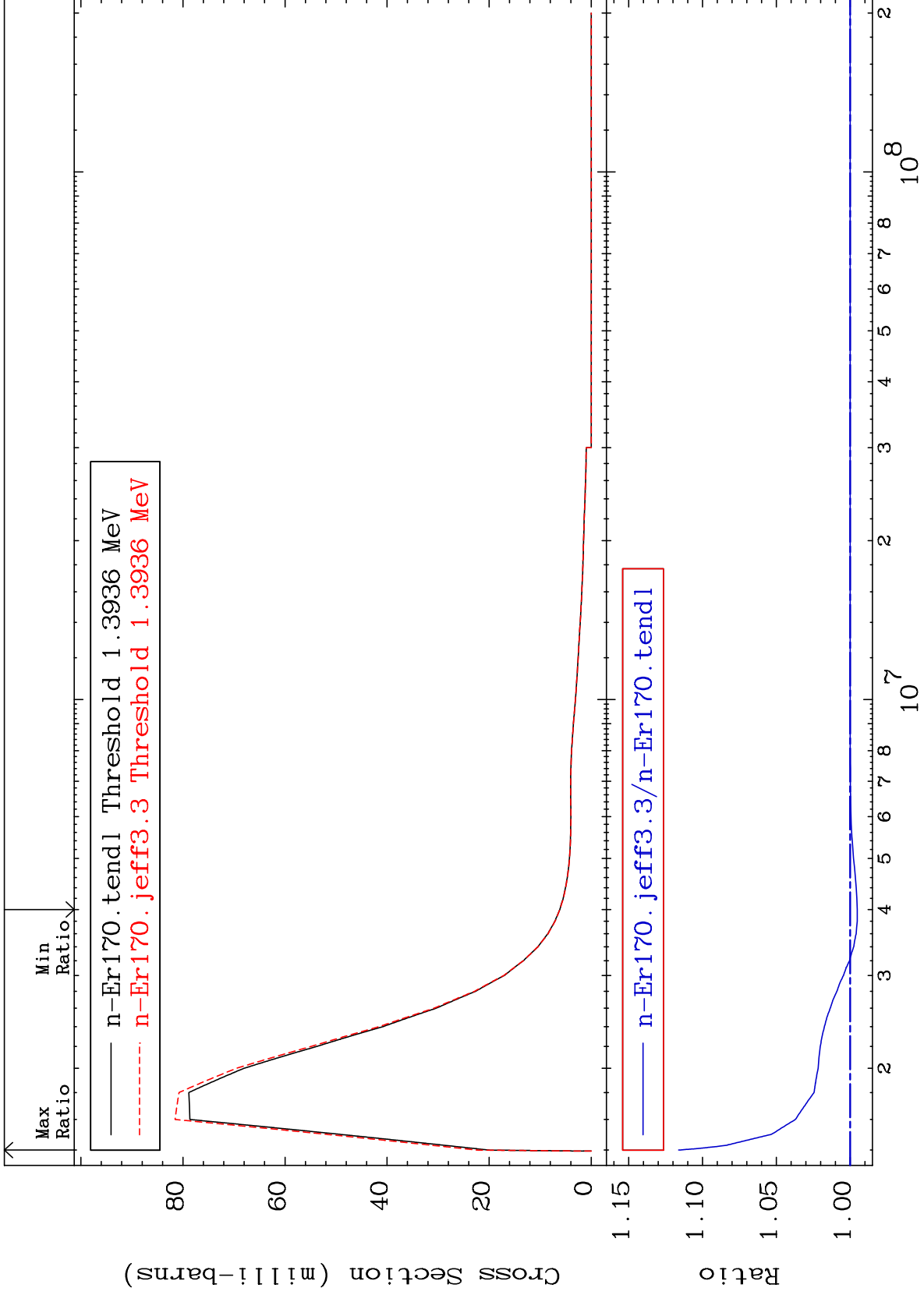


MAT 6849

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

68-Er-170
-3.549 To 0.000 %

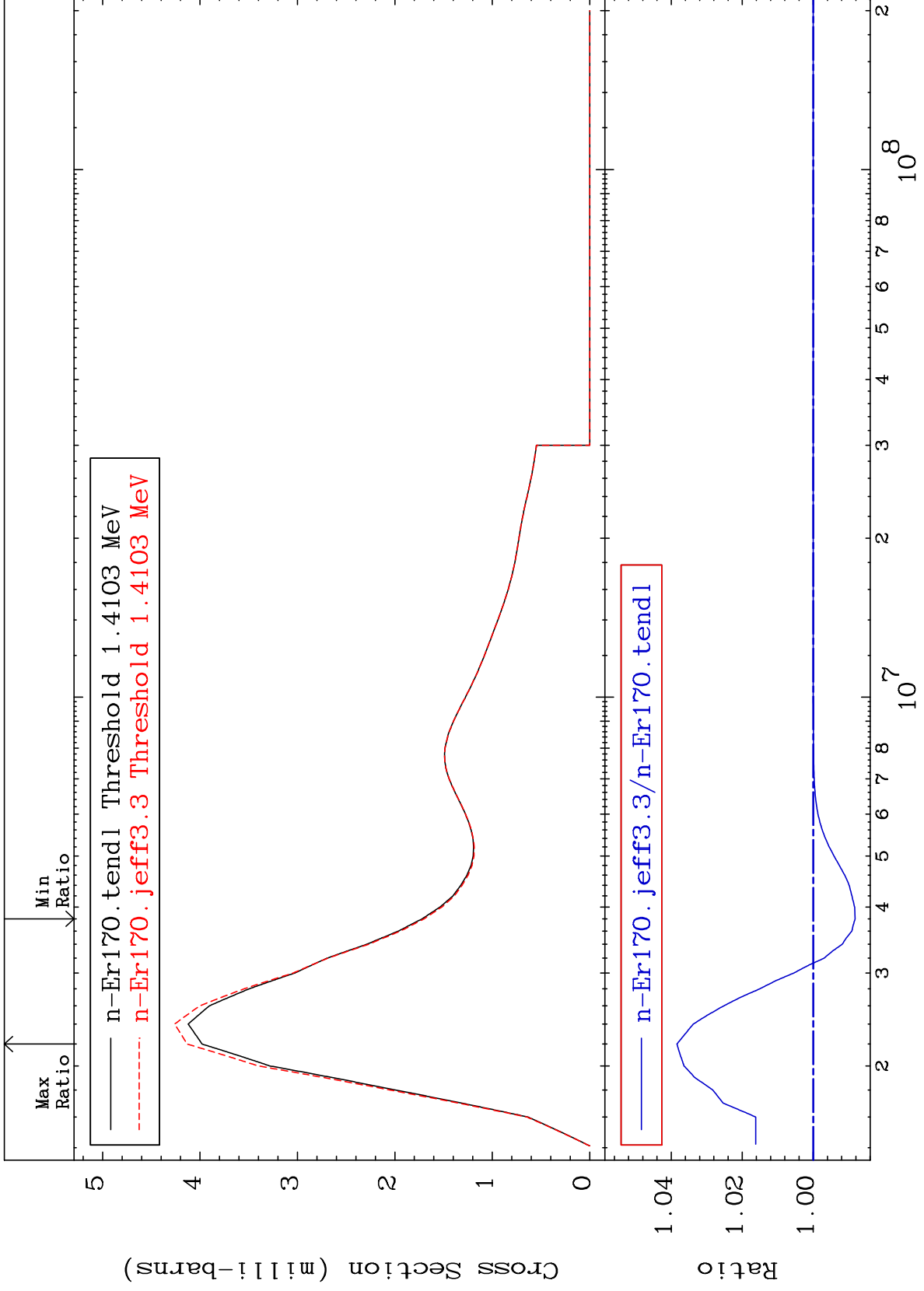




MAT 6849

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

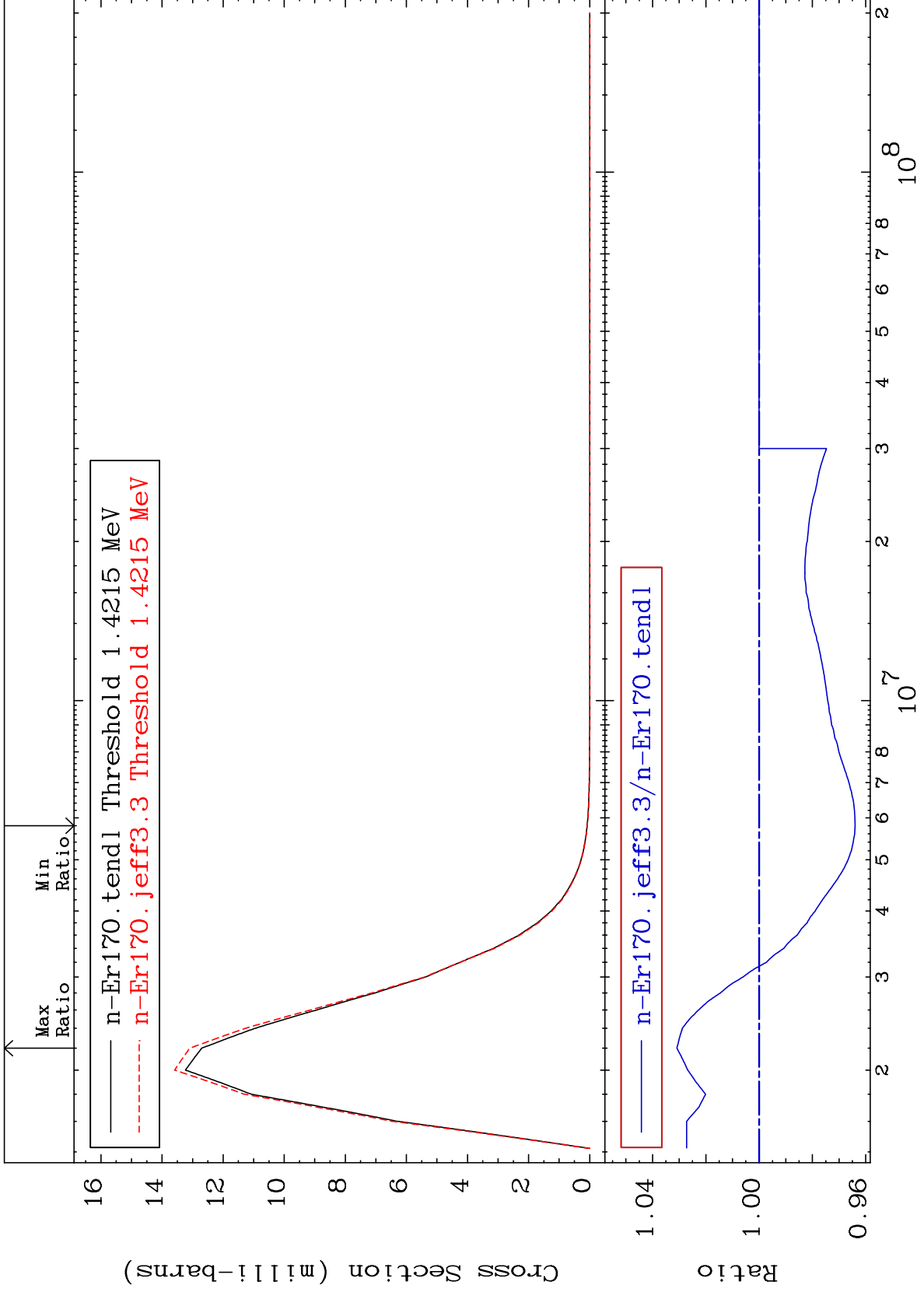
68-Er-170
-1.179 To 3.839 %



MAT 6849

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

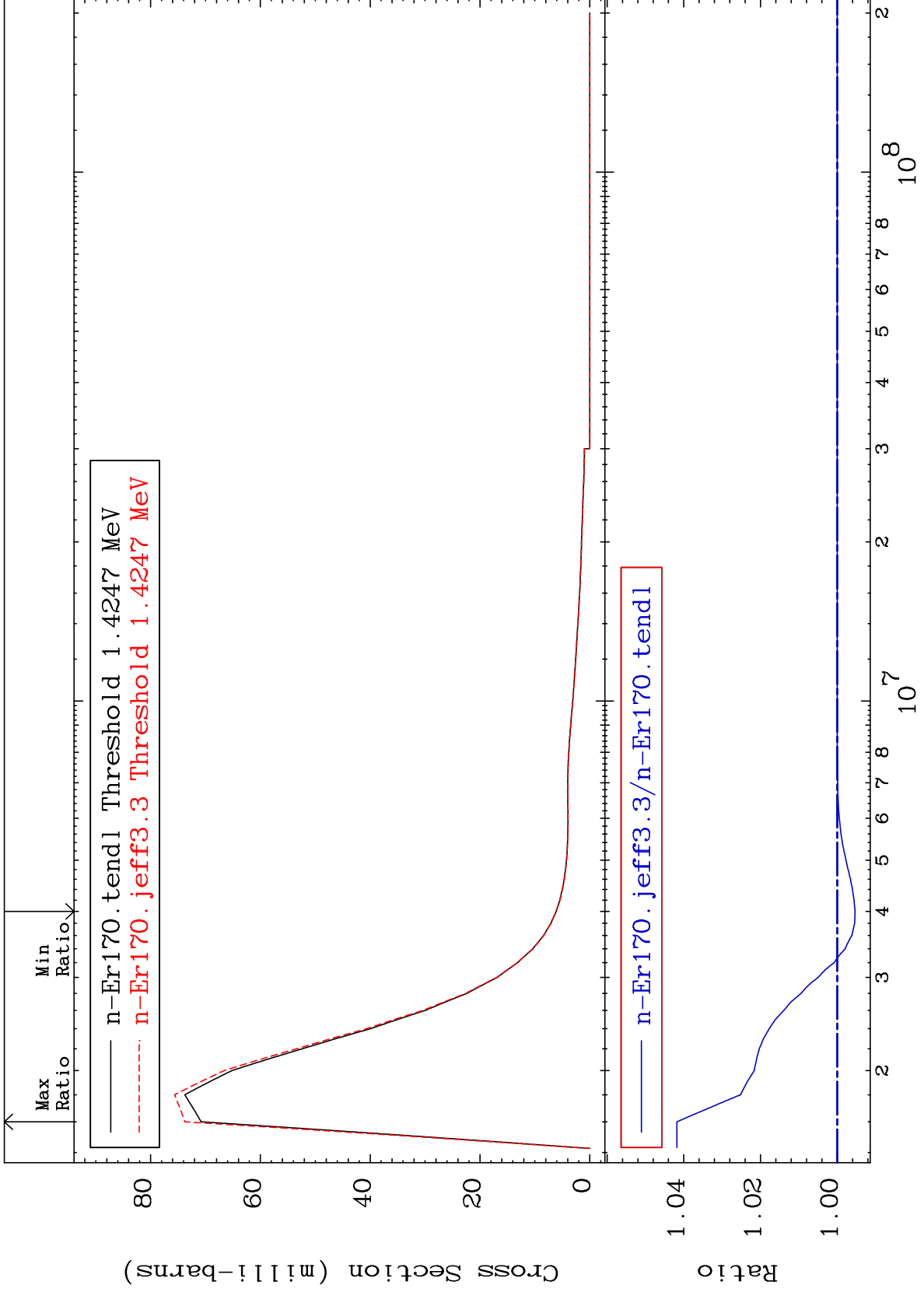
68-Er-170
-3.601 To 3.085 %

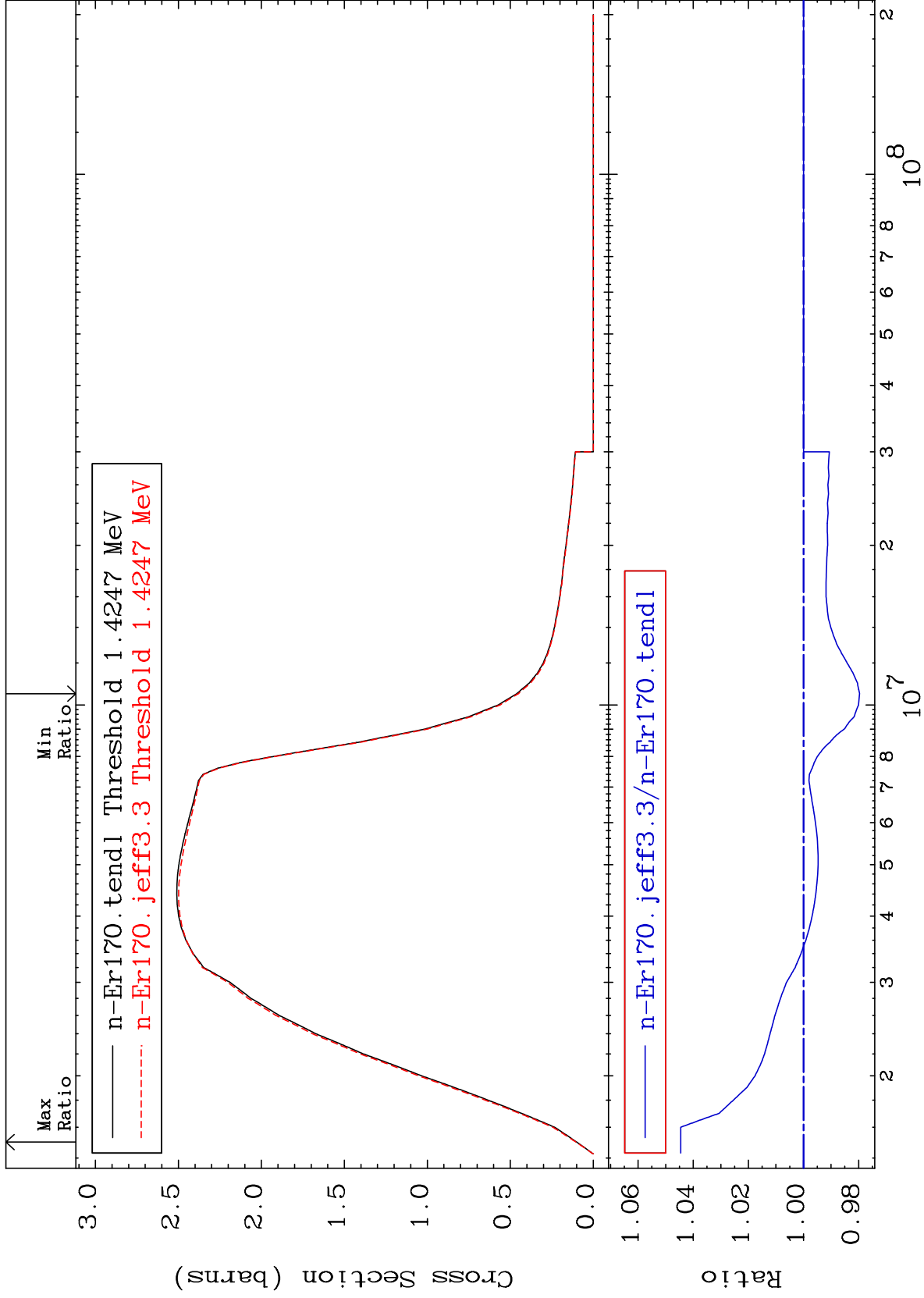


MAT 6849

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

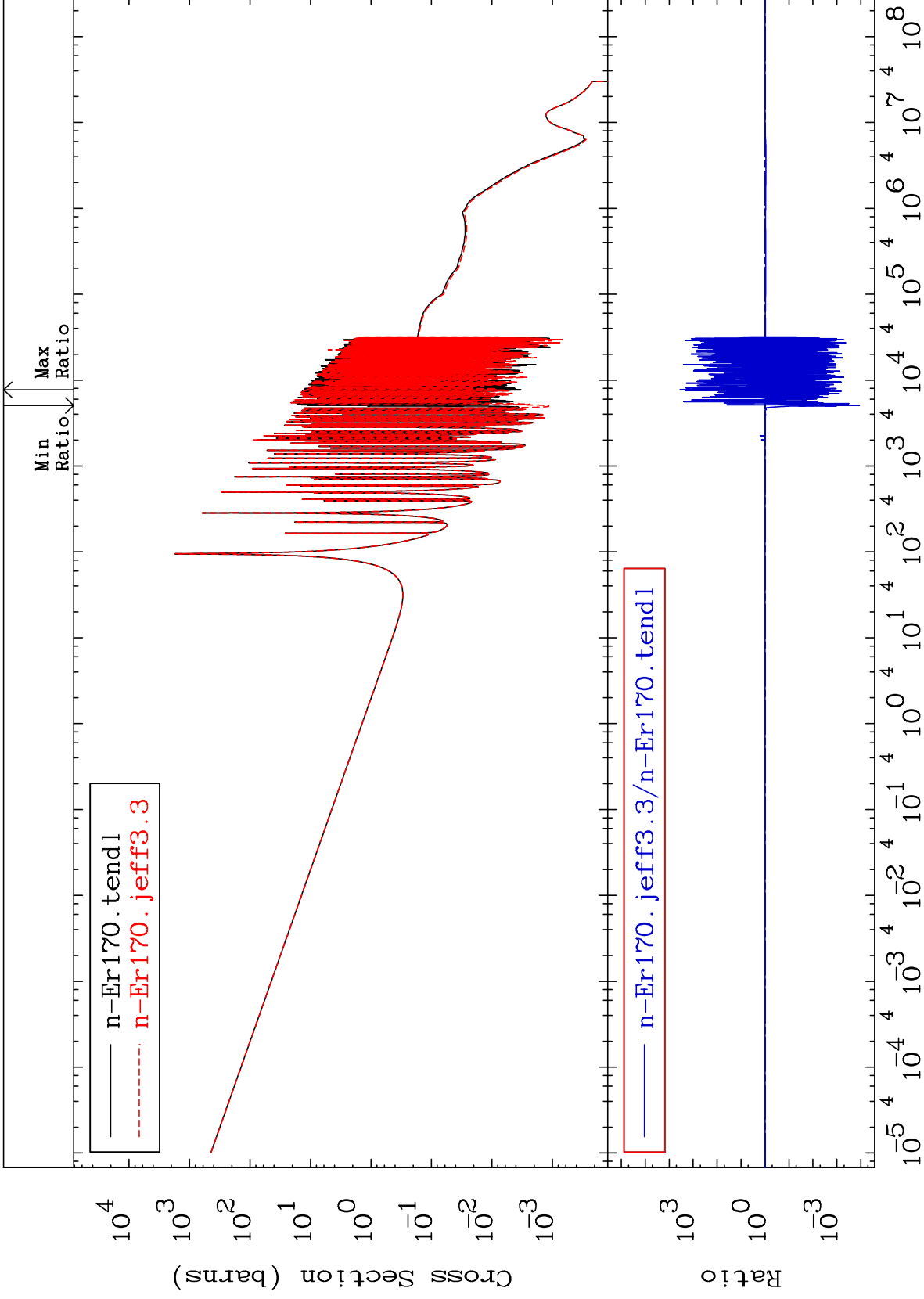
68-Er-170
-0.467 To 4.180 %





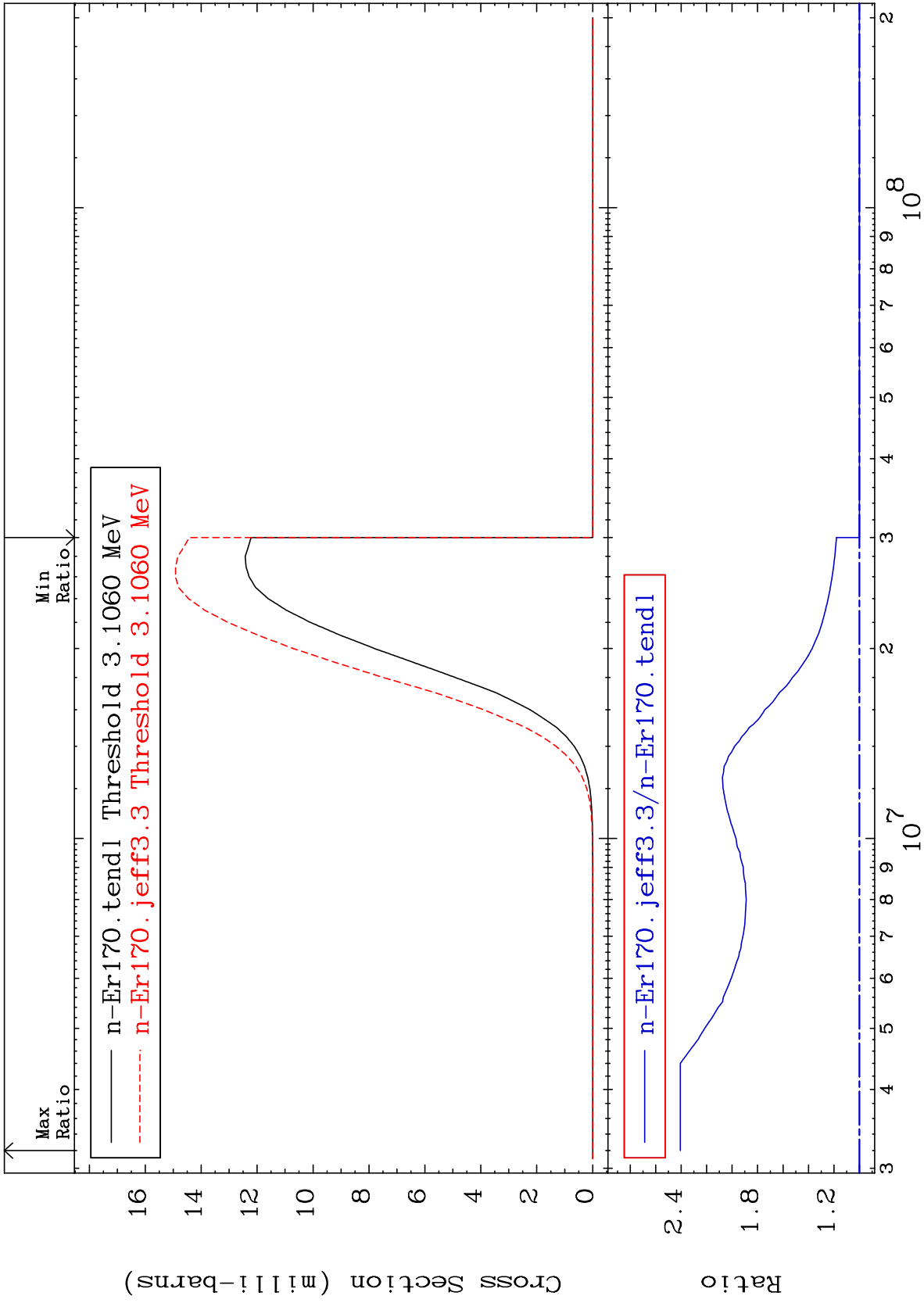
Cross Section

-99.99 To 9999. %



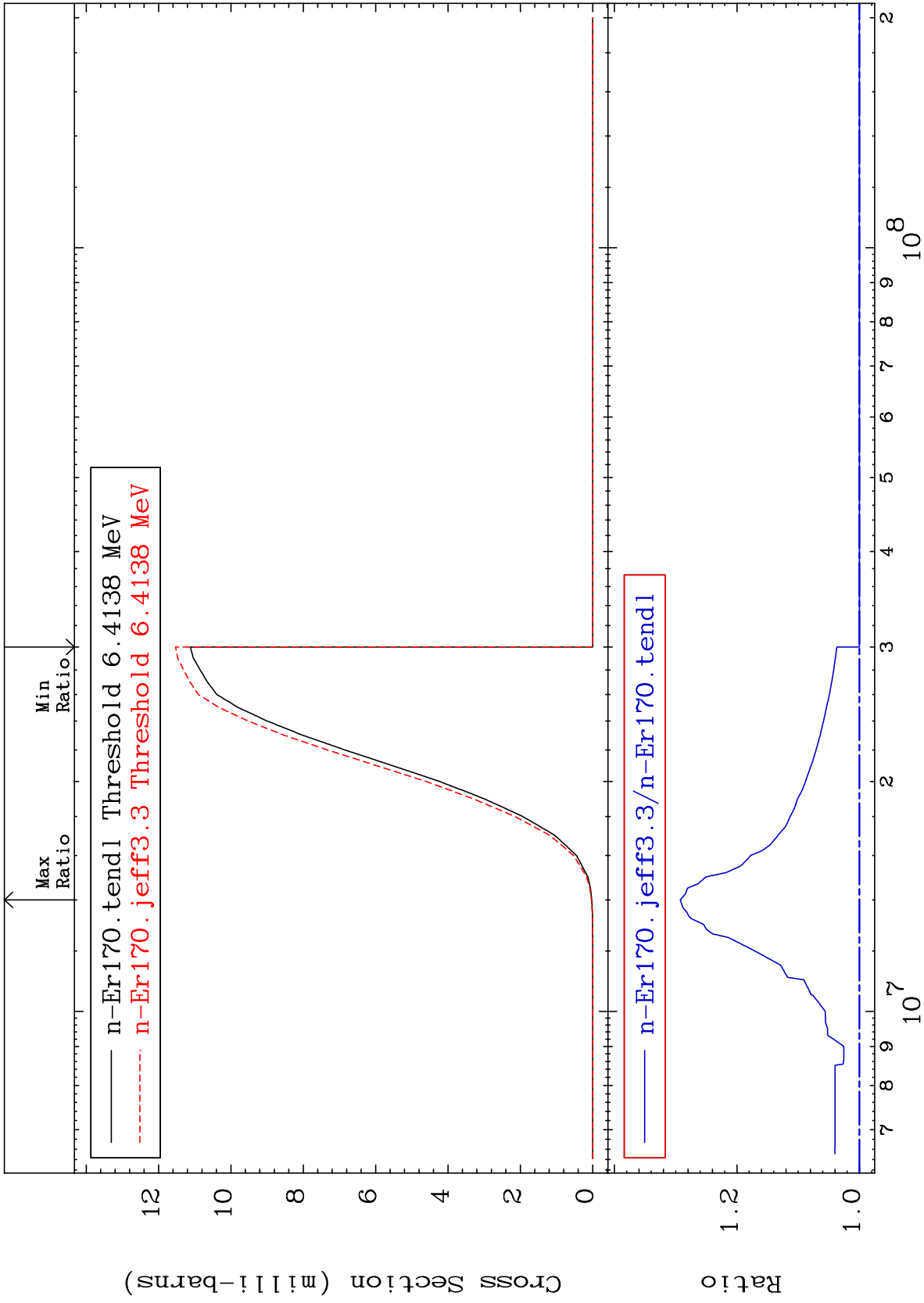
MAT 6849

(n, p)
Cross Section
68-Er-170
To 140.6 %
0.000



MAT 6849

(n, d)
Cross Section
0.000 To 29.24 %
68-Er-170

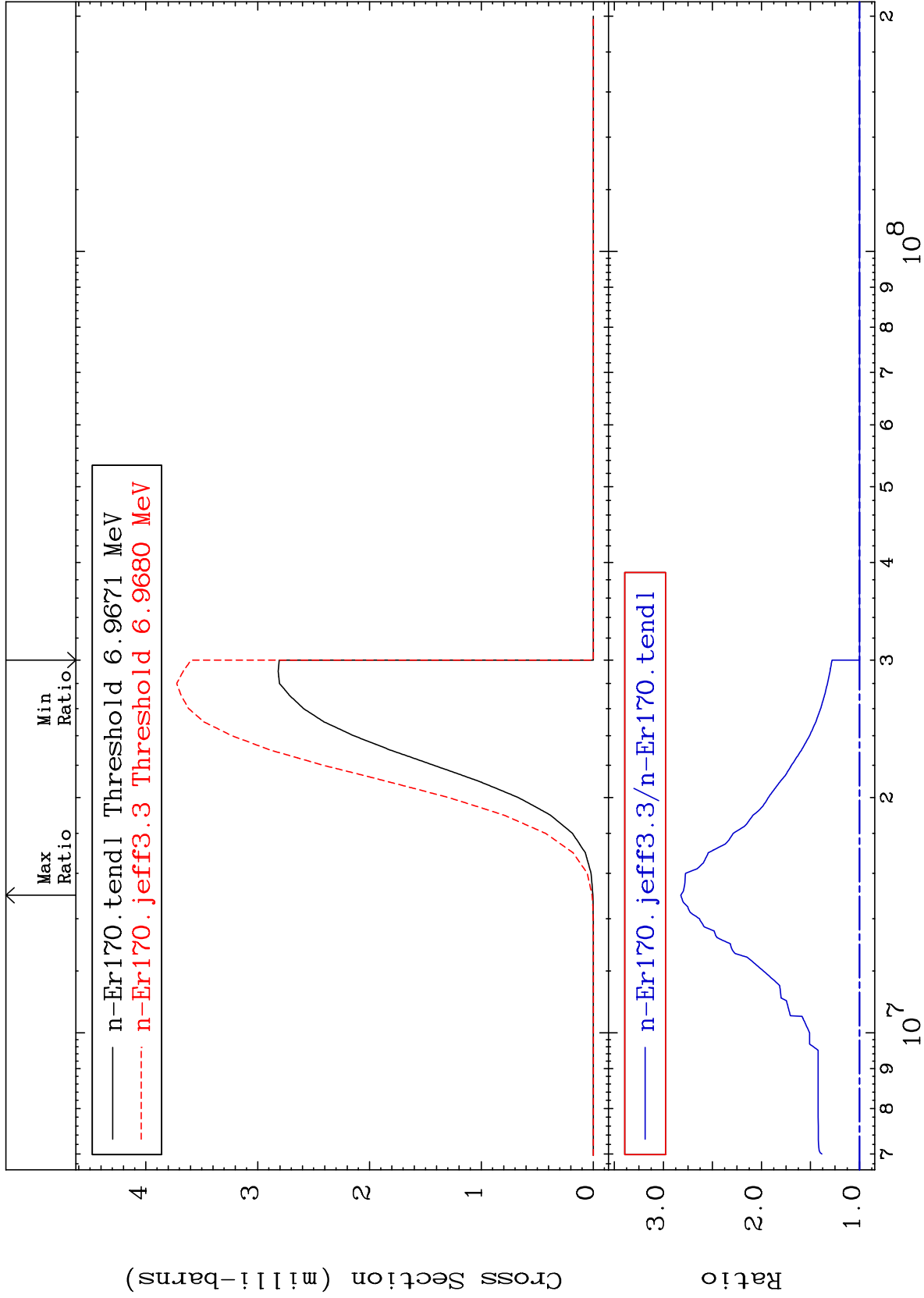


MAT 6849

68-Er-170

0.000 To 182.3 %

(n, t)
Cross Section

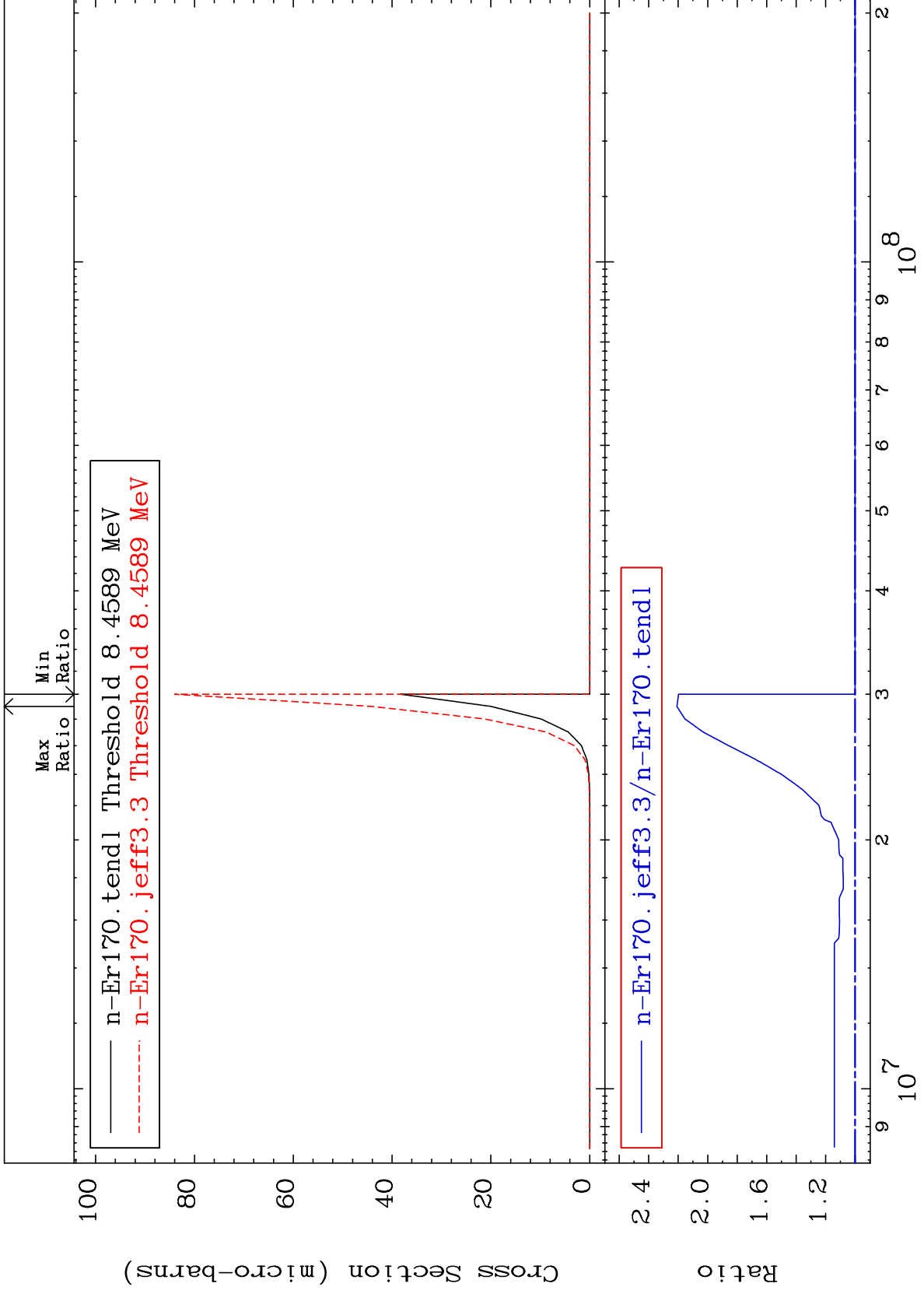


MAT 6849

(n, He-3)

68-Er-170
To 120.9 %

Cross Section



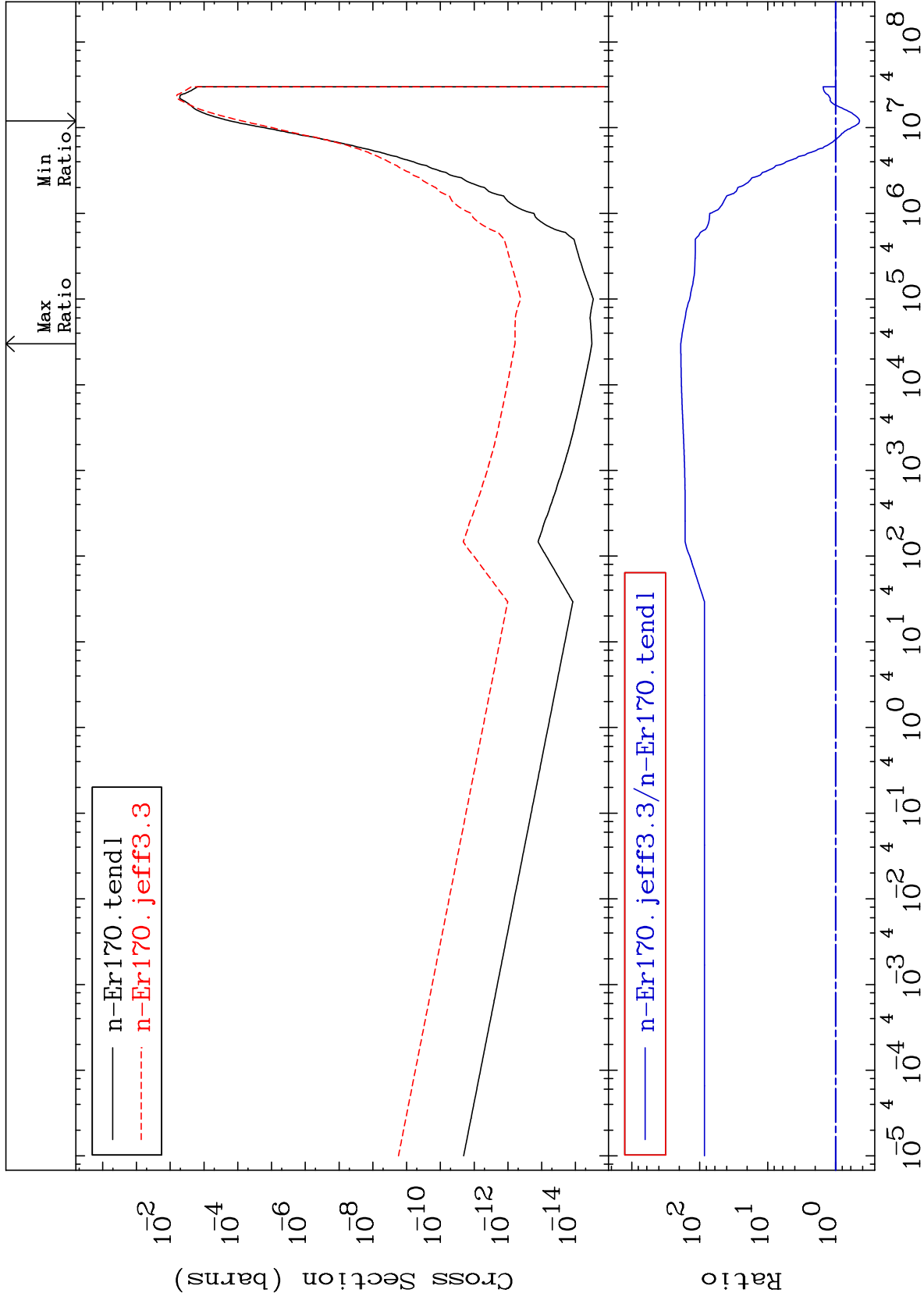
MAT 6849

(n, α)

68-Er-170

Cross Section

-55.54 To 9999. %



54

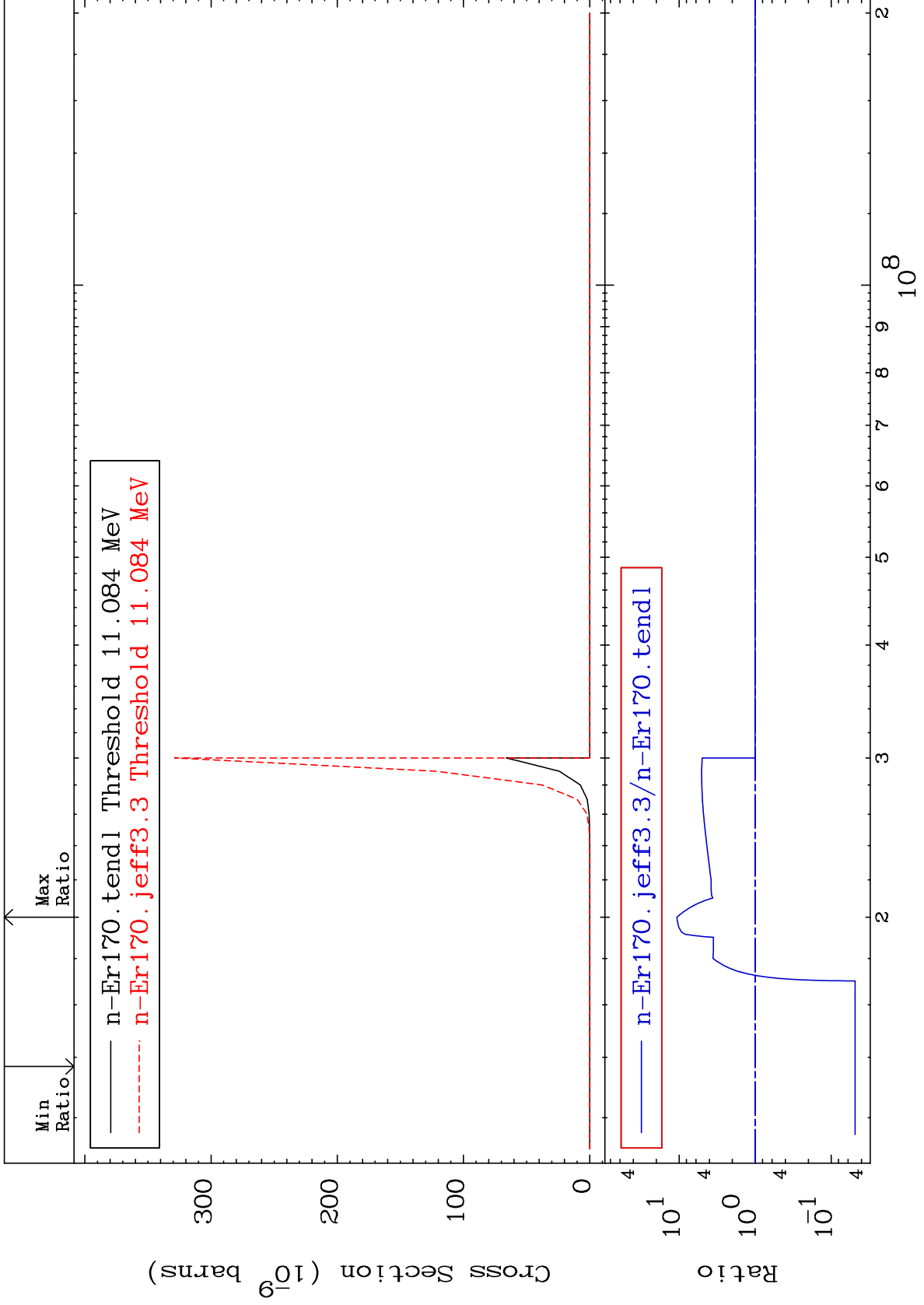
Incident Energy (eV)

68-Er-170

MAT 6849

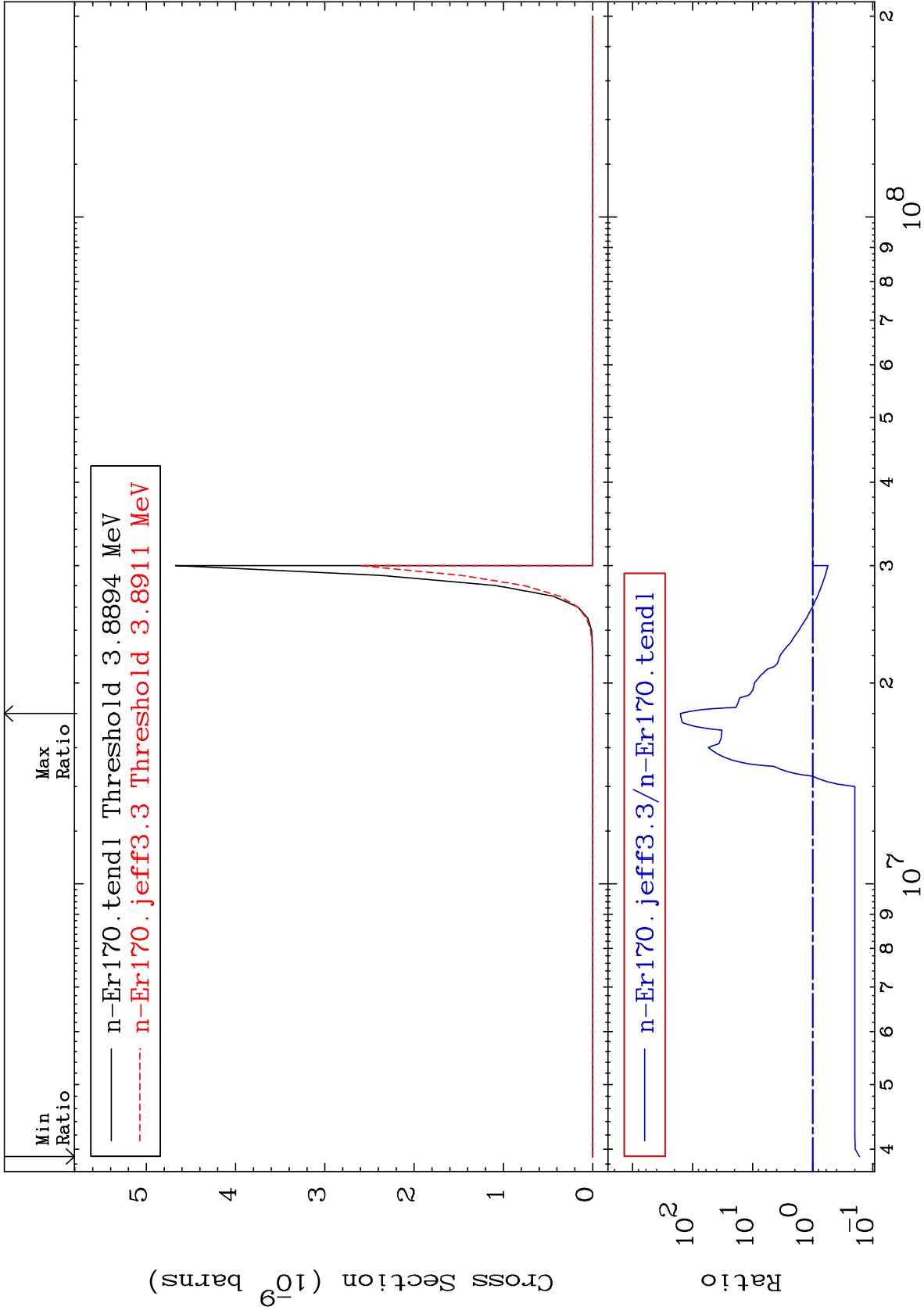
(n,2p)
Cross Section

68-Er-170
-95.15 To 969.9 %



Cross Section

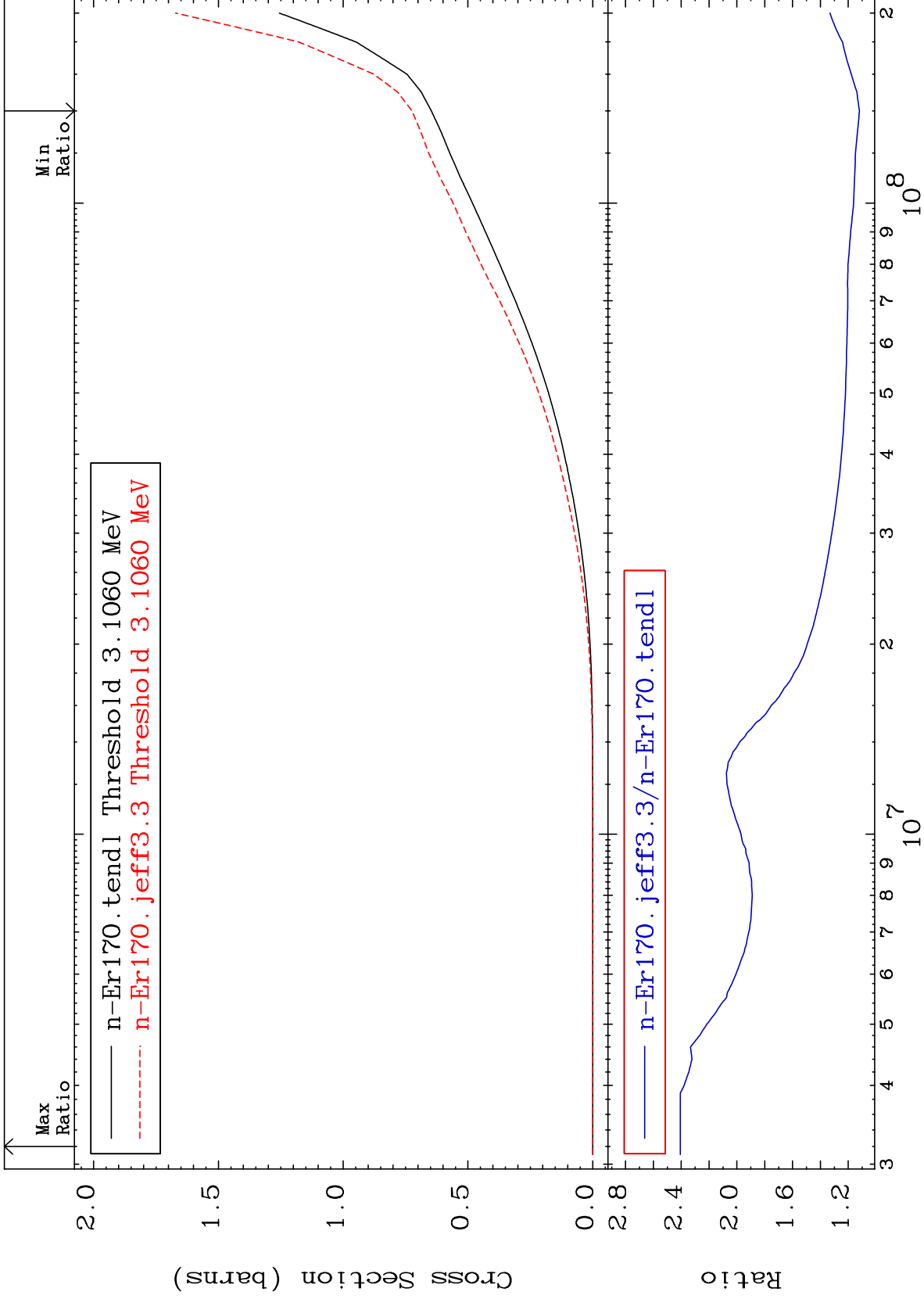
-83.27 To 9999. %



MAT 6849

Hydrogen Production
Cross Section

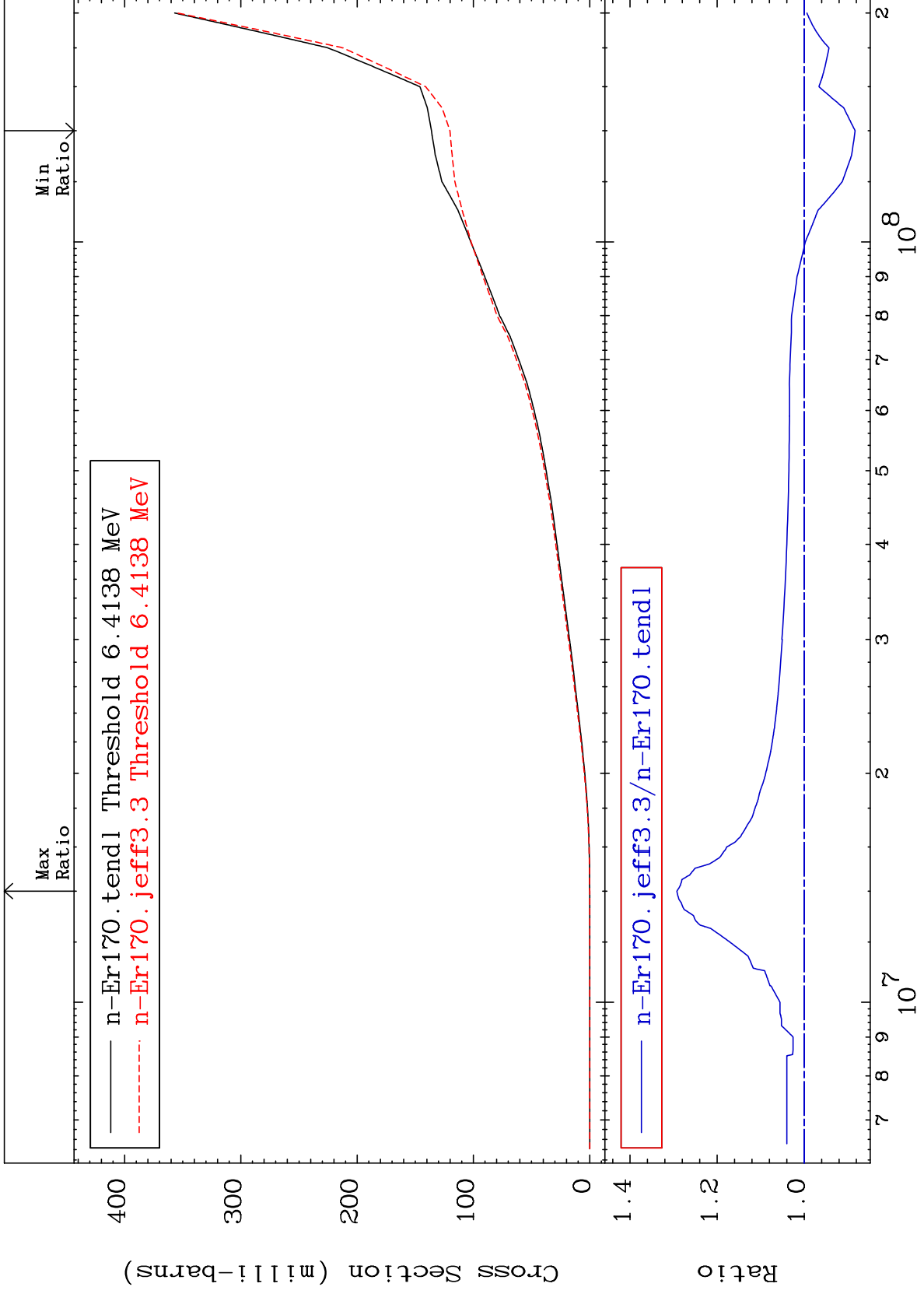
68-Er-170
11.97 To 140.6 %



MAT 6849

Deuterium Production
Cross Section

68-Er-170
-11.69 To 29.24 %



58

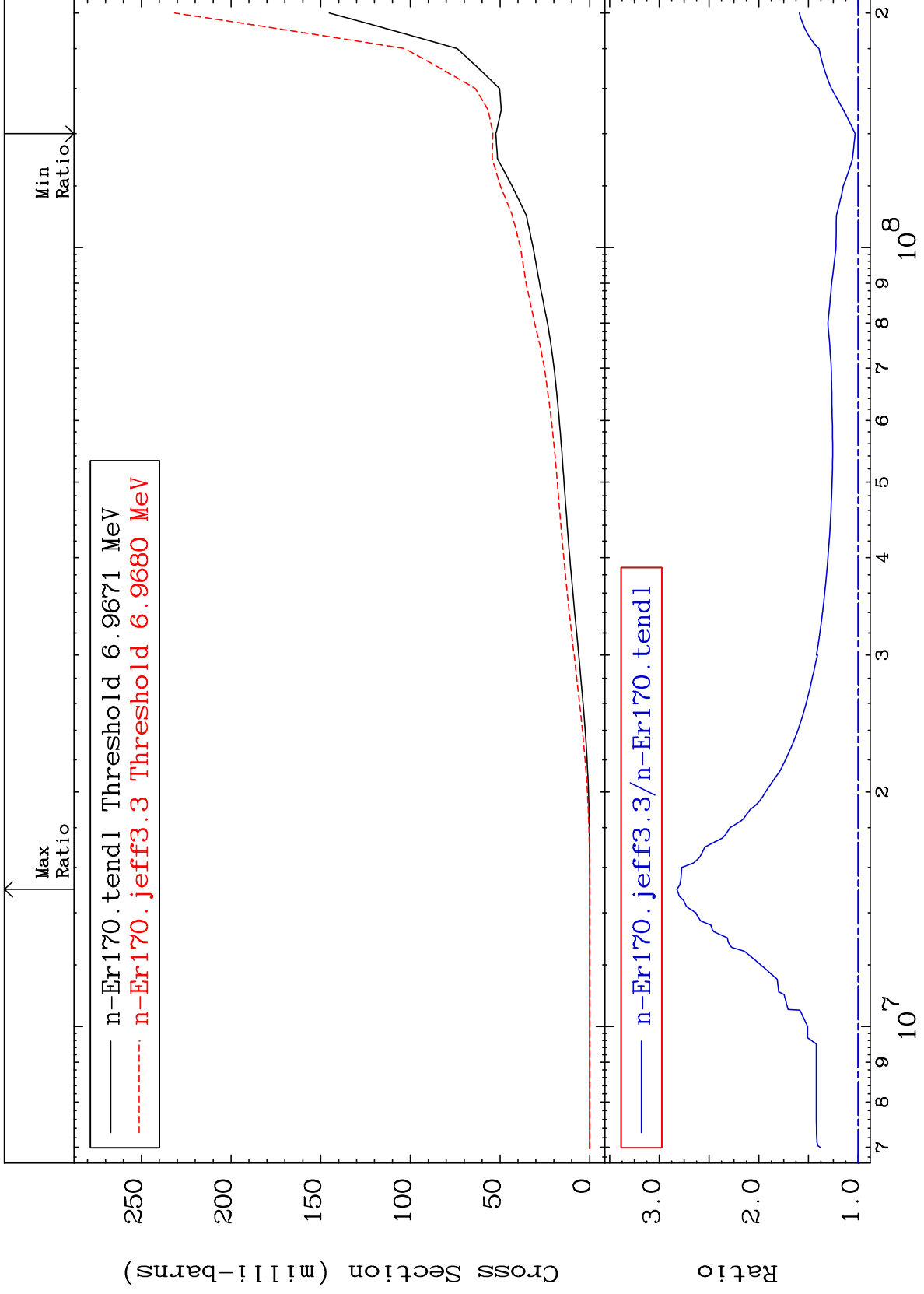
Incident Energy (eV)

68-Er-170

MAT 6849

Tritium Production
Cross Section

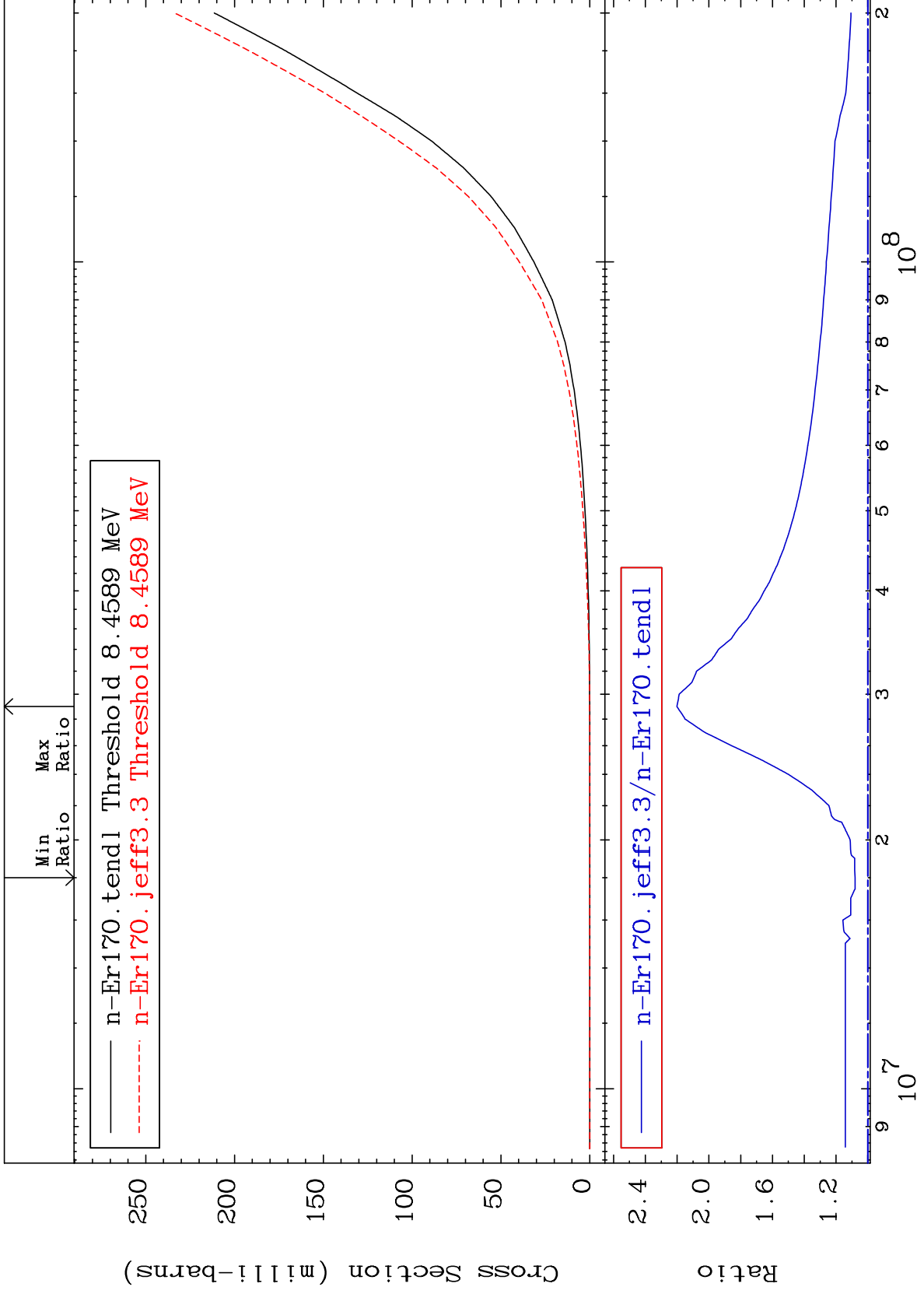
68-Er-170
3.146 To 182.3 %



MAT 6849

He-3 Production
Cross Section

68-Er-170
To 120.1 %



60

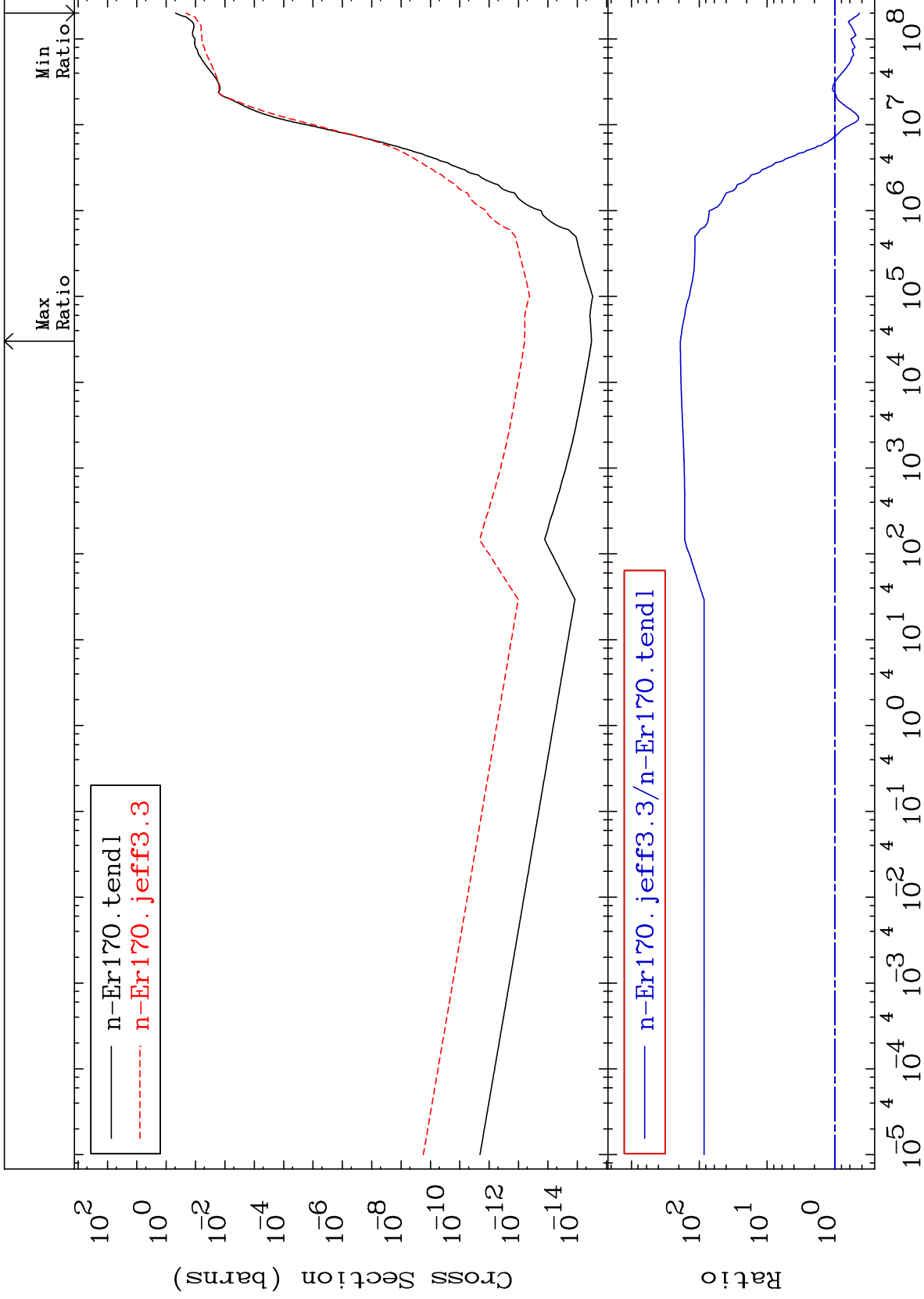
Incident Energy (eV)

68-Er-170

MAT 6849

He-4 Production
Cross Section

68-Er-170
-56.58 To 9999. %



61

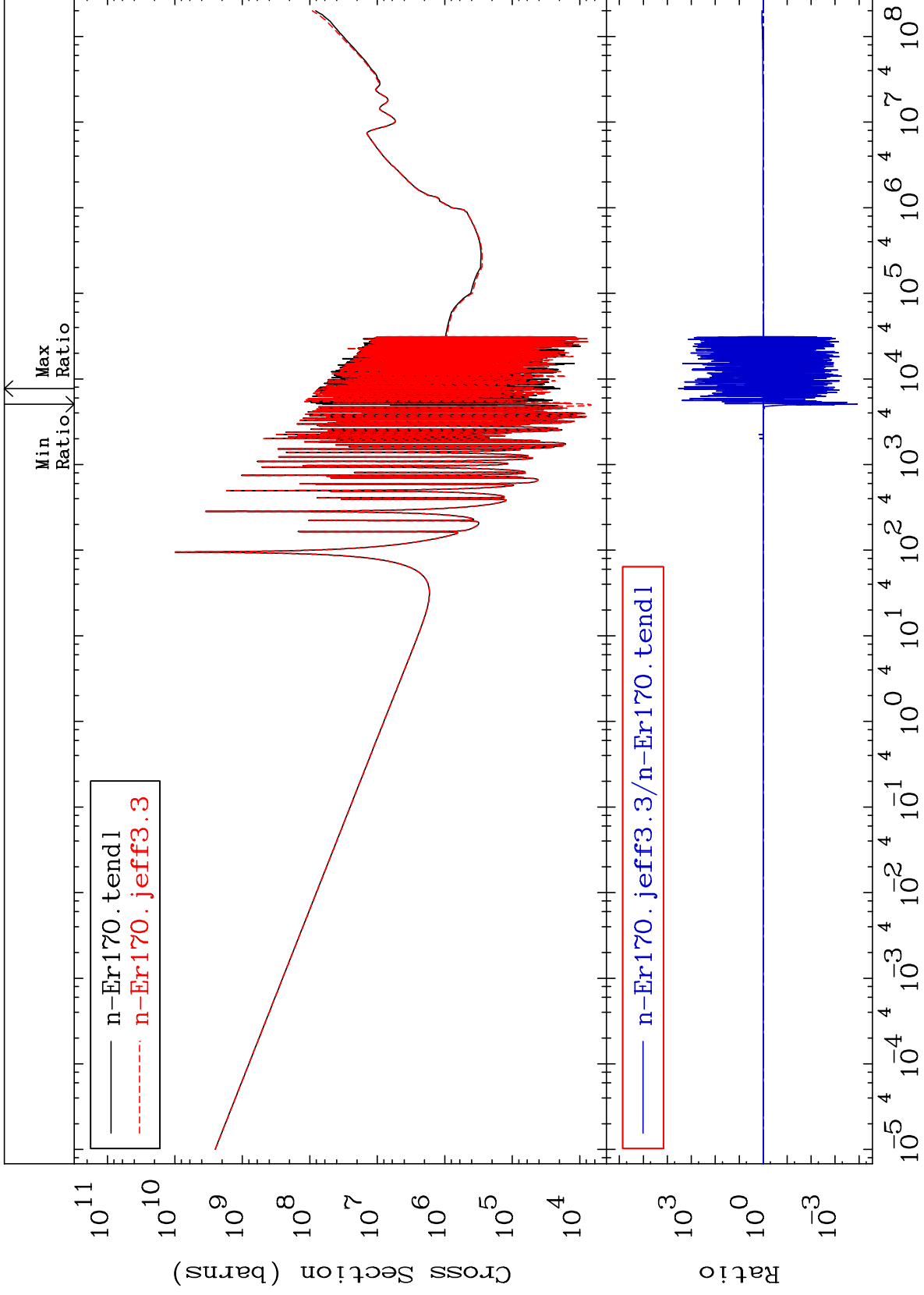
Incident Energy (eV)

68-Er-170

MAT 6849

Kerma total (eV-barns)
Cross Section

68-Er-170
-99.99 To 9999. %



62

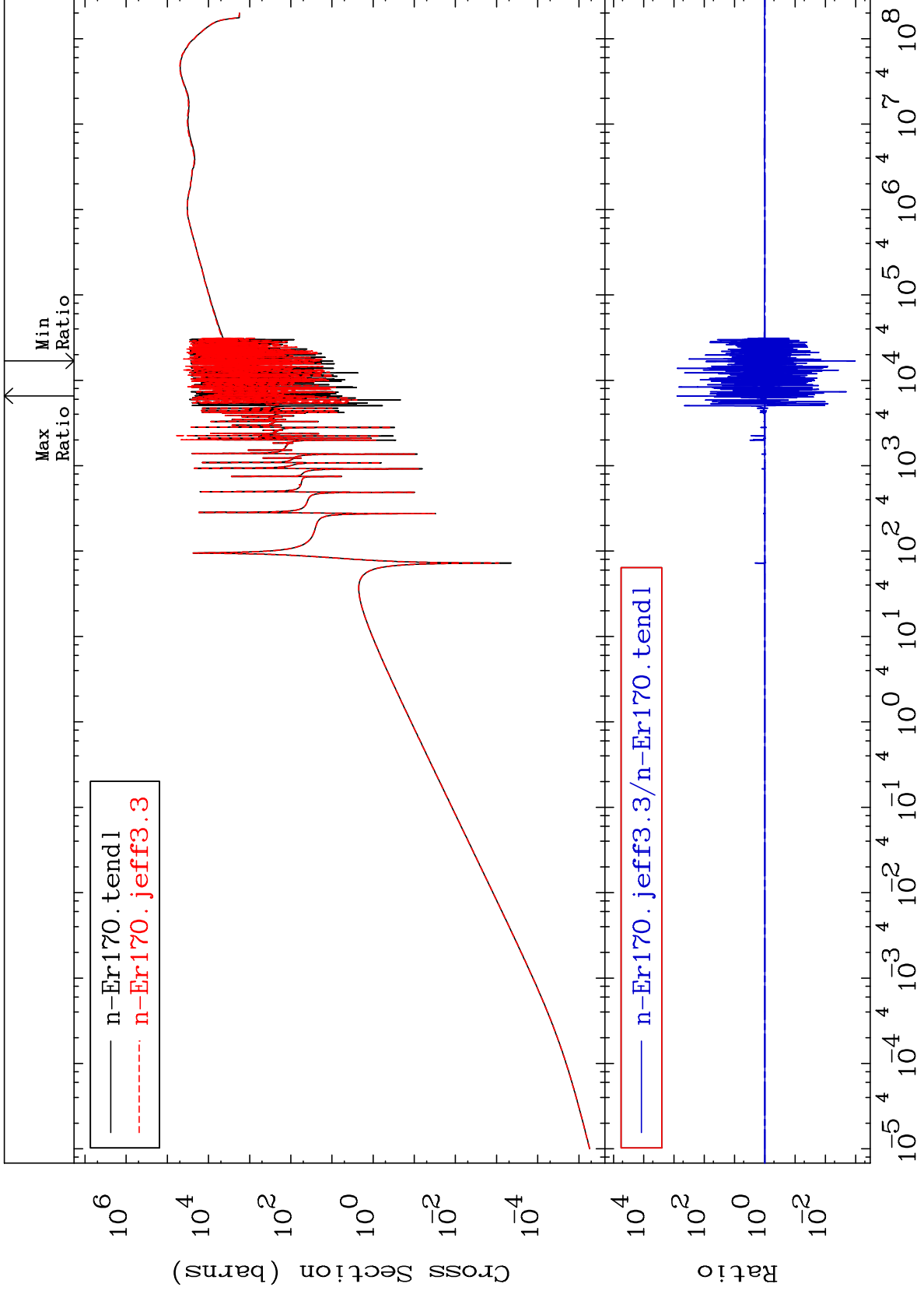
Incident Energy (eV)

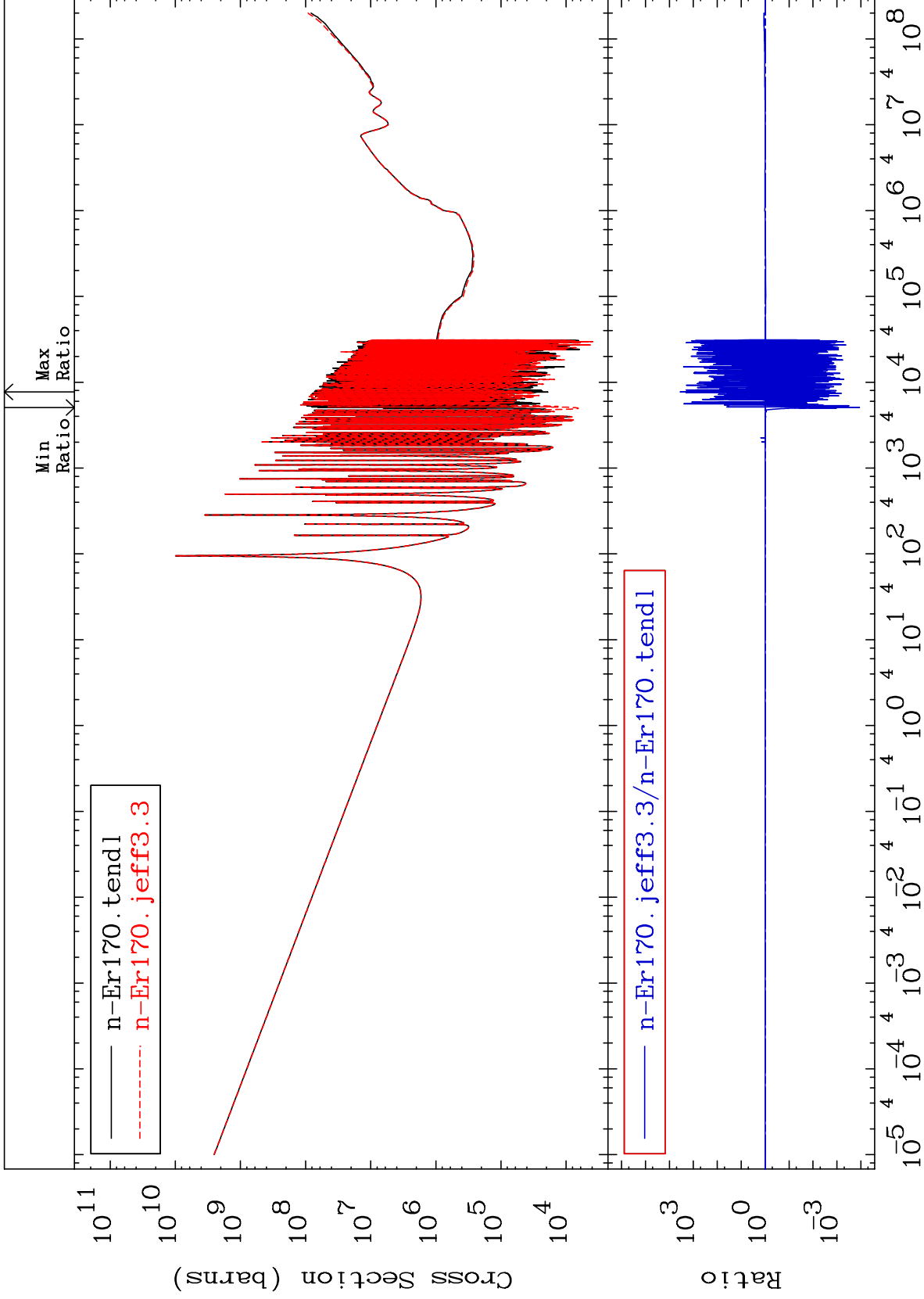
68-Er-170

MAT 6849

Kerma elastic
Cross Section

68-Er-170
-99.90 To 9999. %

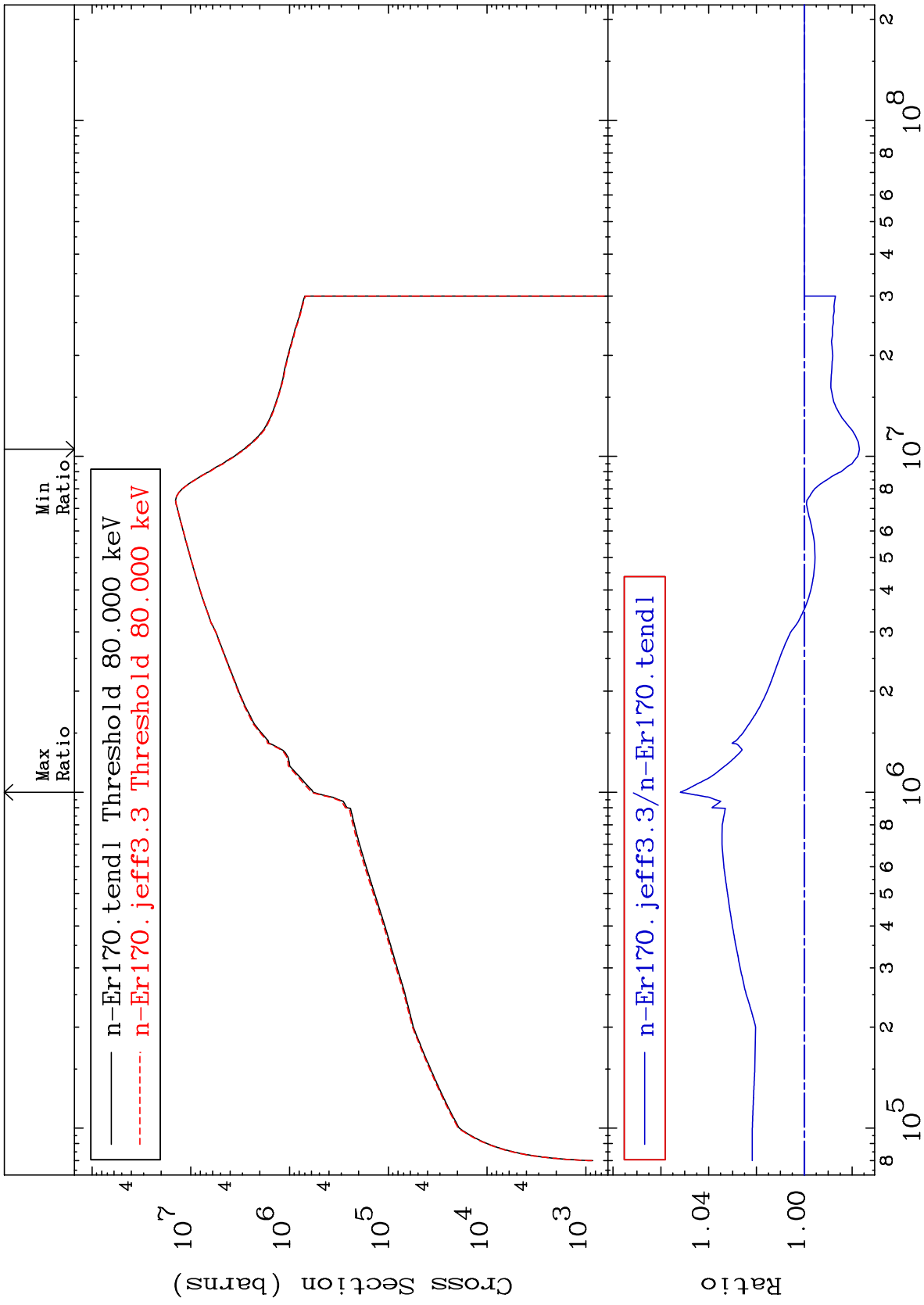




MAT 6849

Kerma inelastic (mt51-91)
Cross Section

68-Er-170
-2.304 To 5.185 %



65

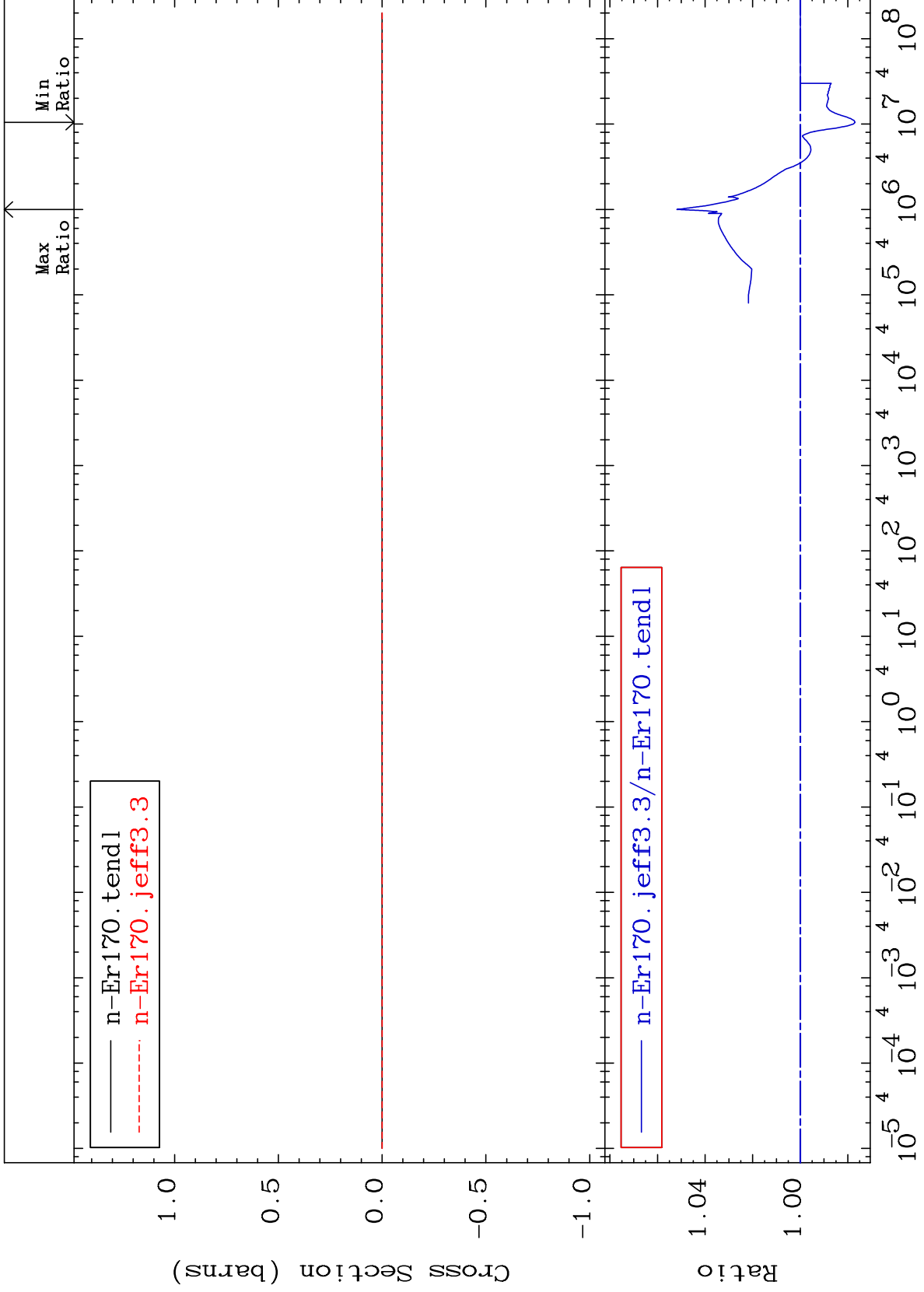
68-Er-170

68-Er-170

MAT 6849

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

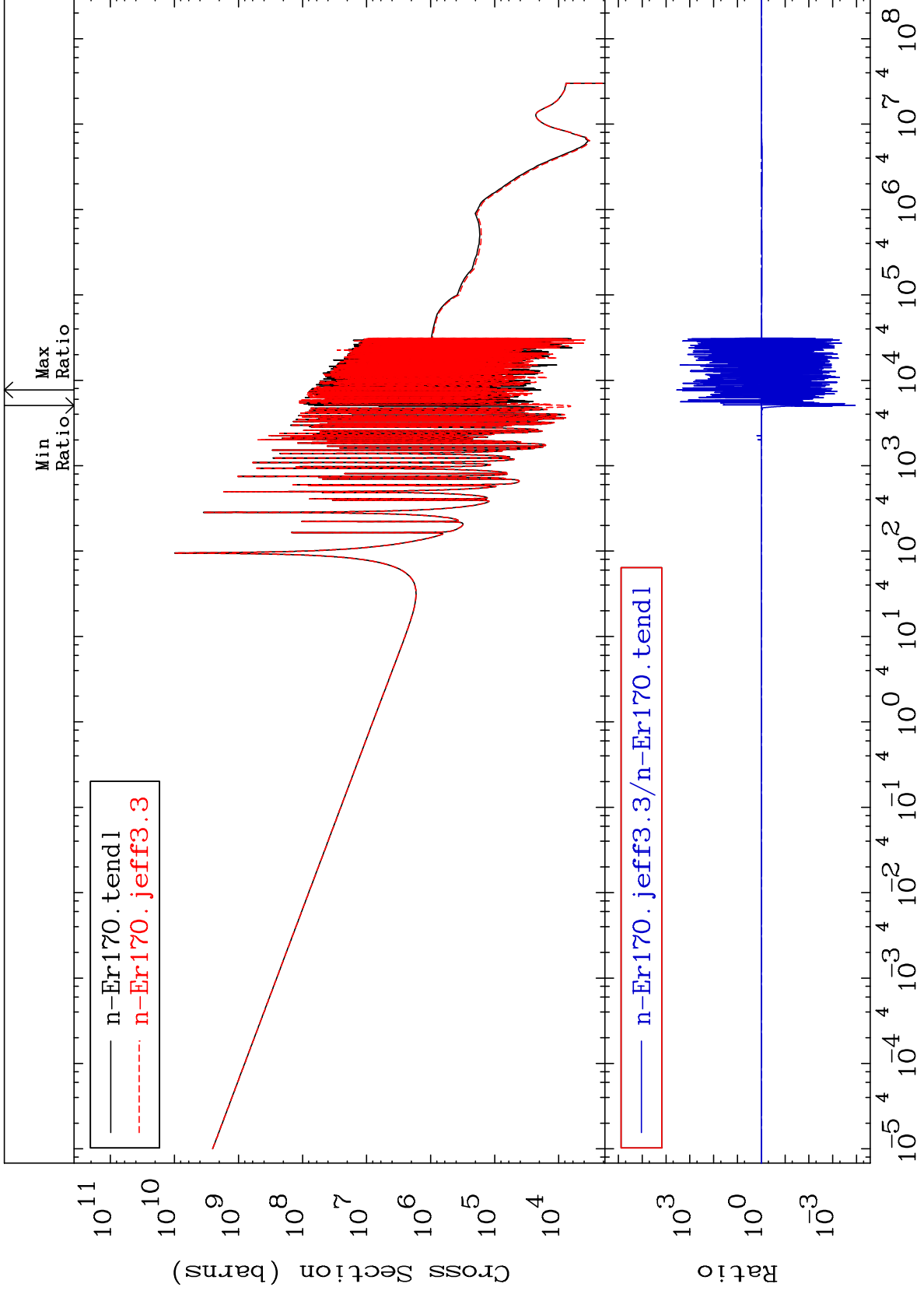
68-Er-170
-2.304 To 5.185 %



MAT 6849

Kerma capture (mt102)
Cross Section

68-Er-170
-99.99 To 9999. %



67

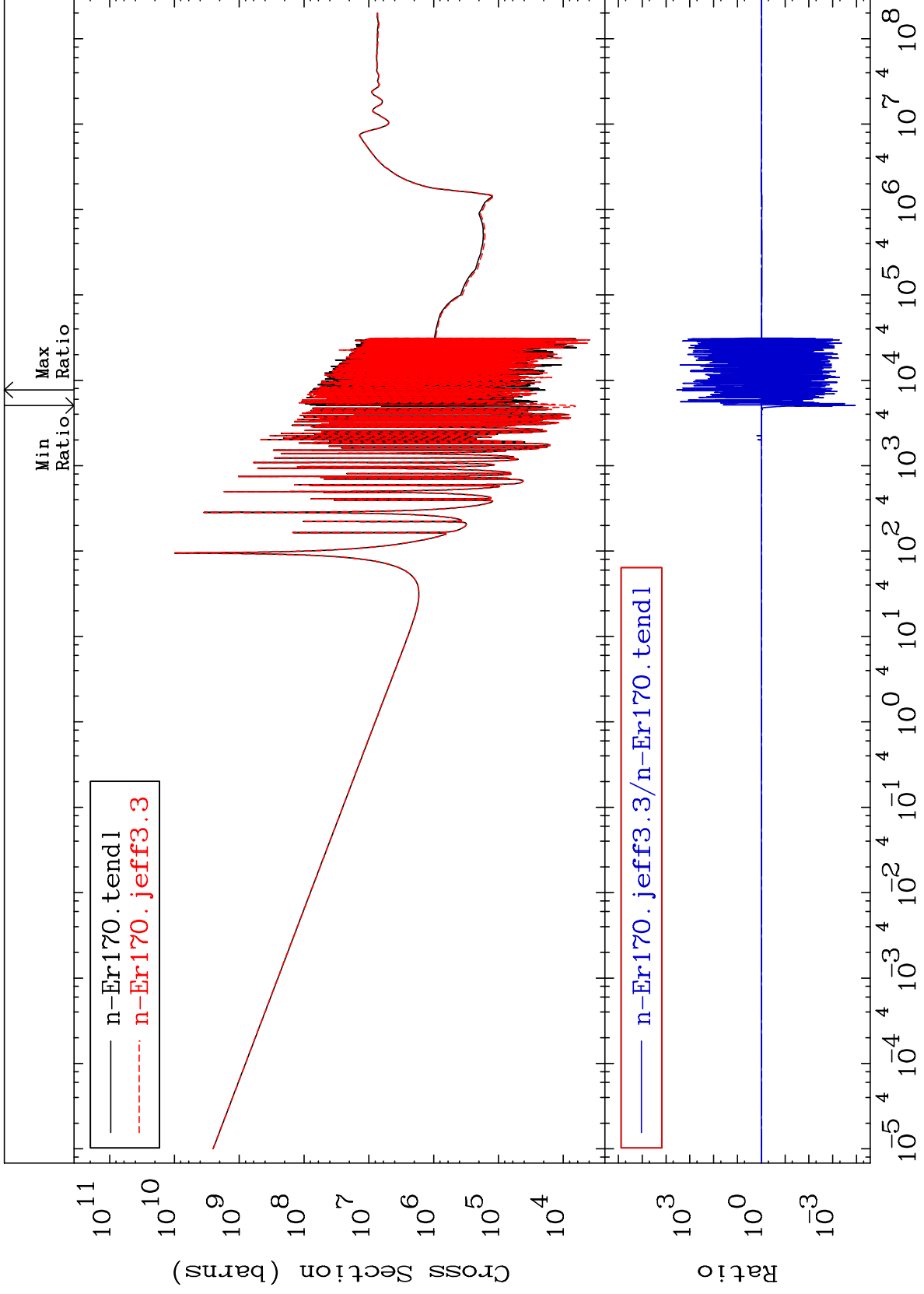
Incident Energy (eV)

68-Er-170

MAT 6849

Total photon (eV-barns)
Cross Section

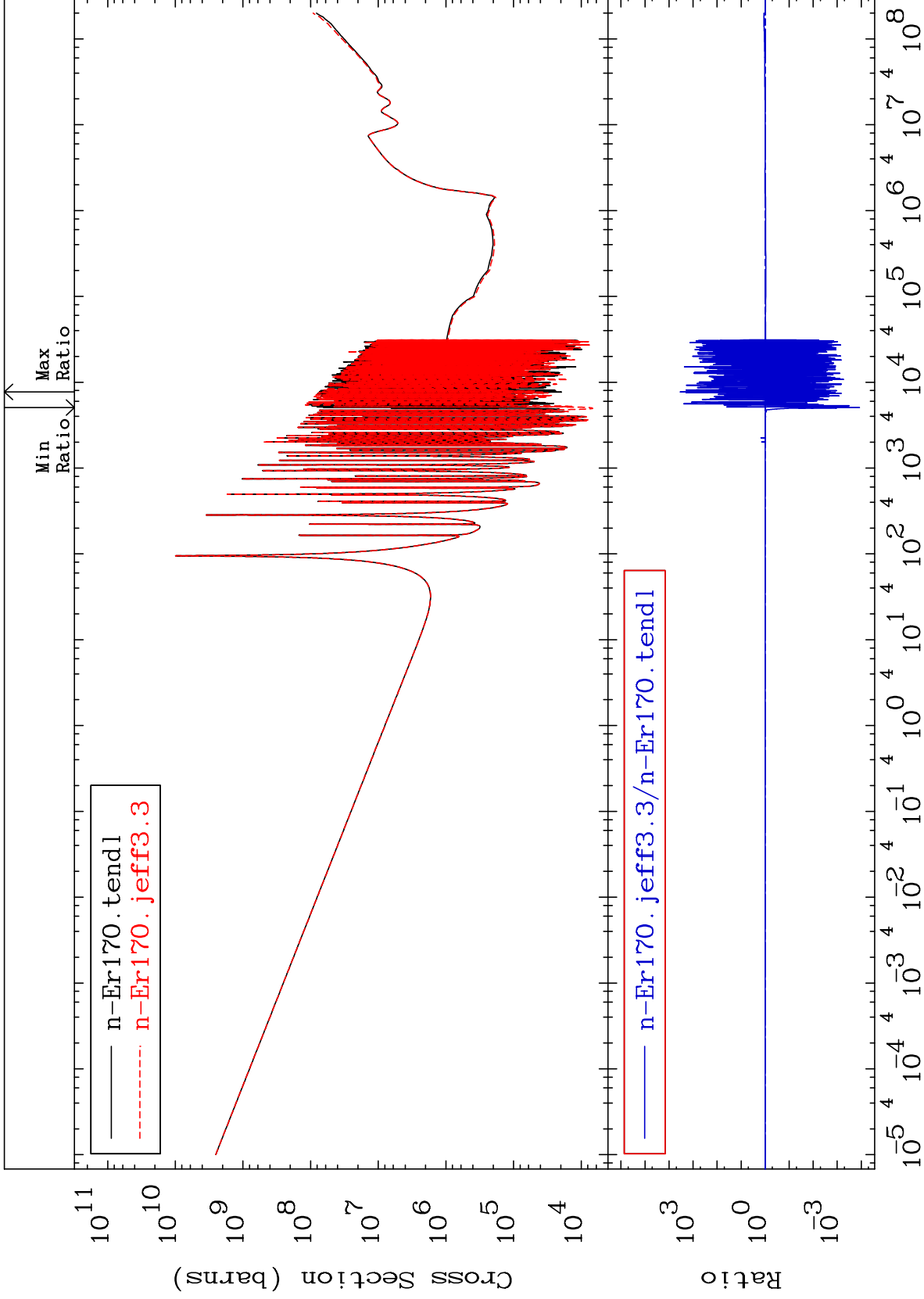
68-Er-170
-99.99 To 9999. %

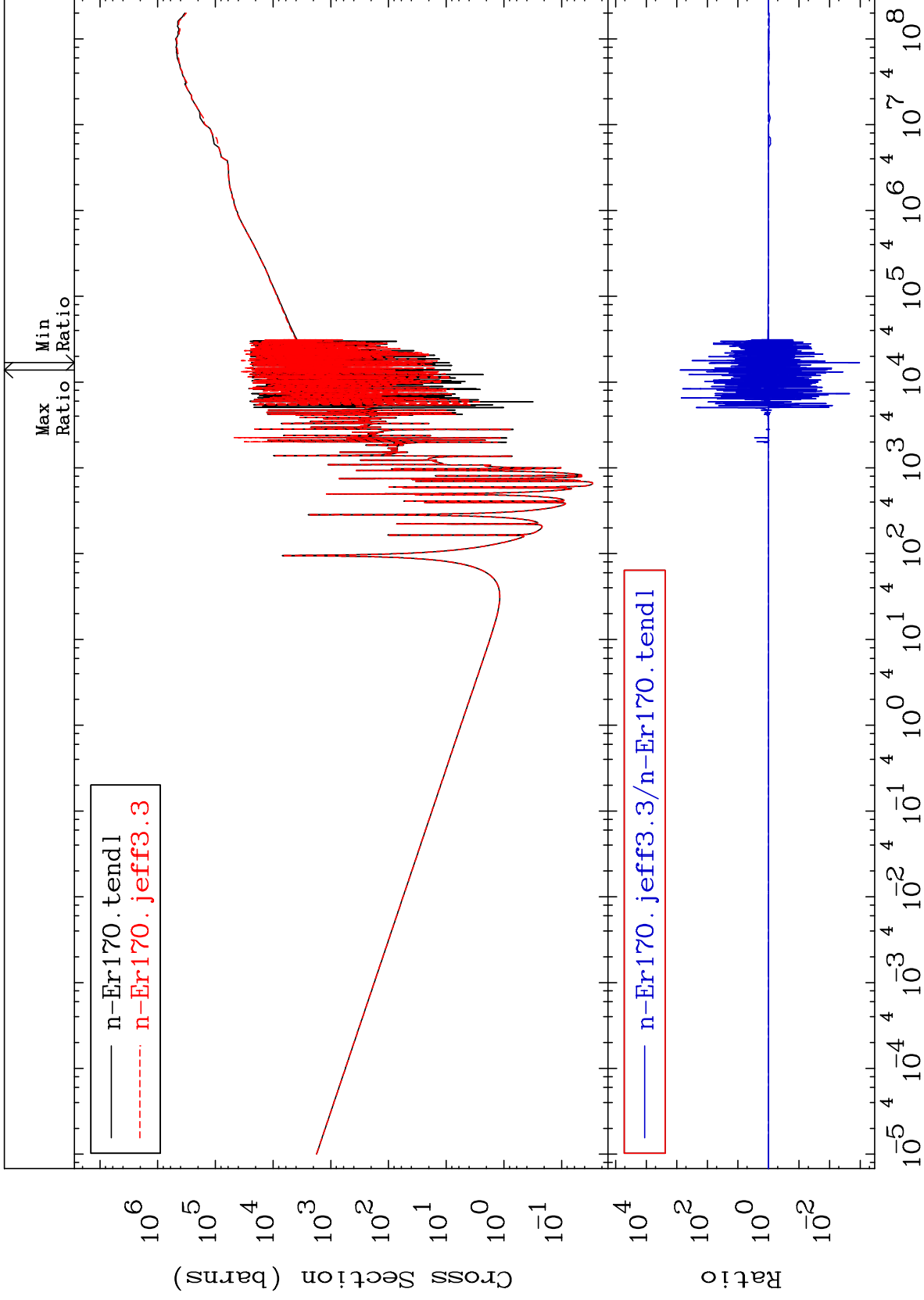


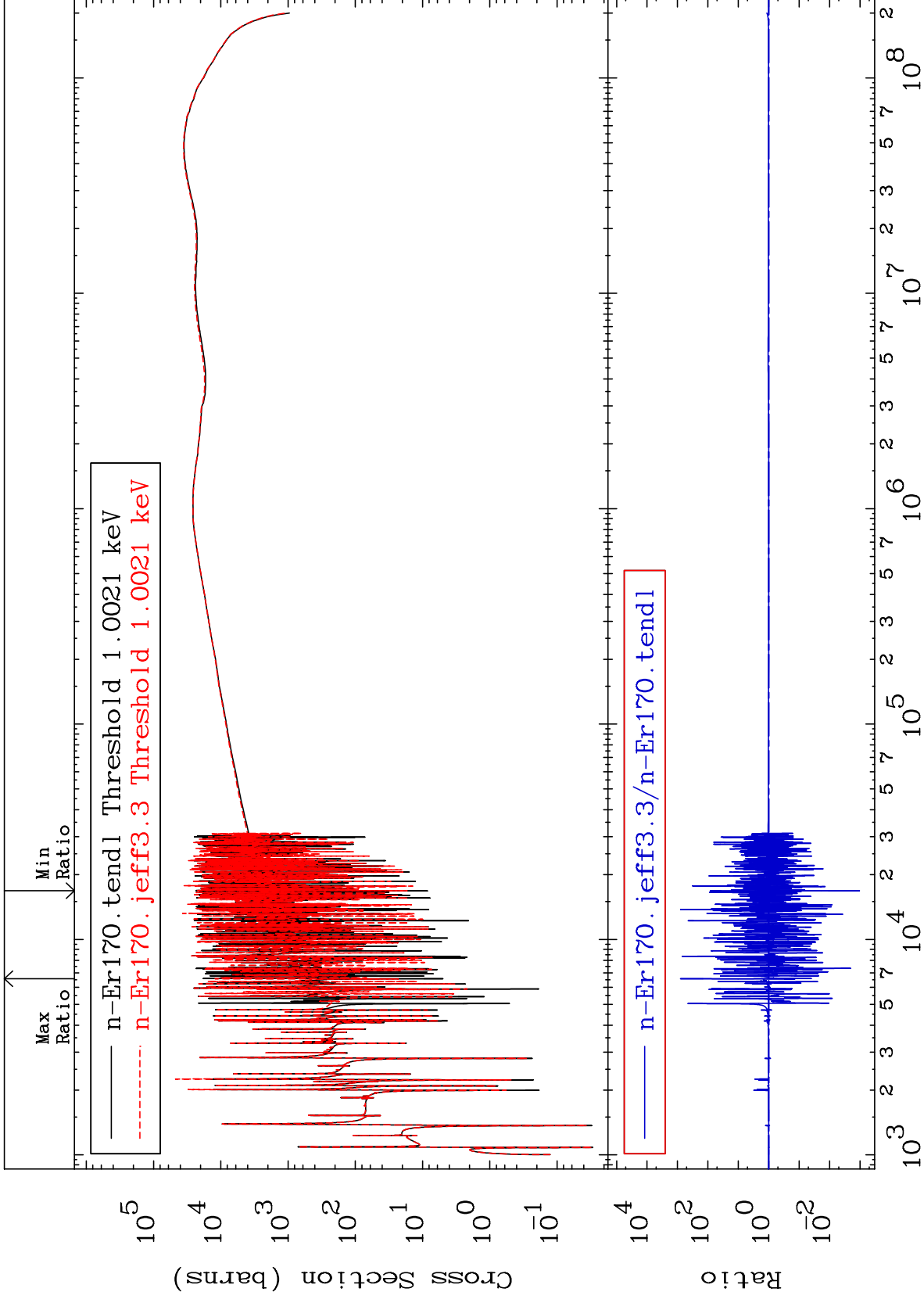
68

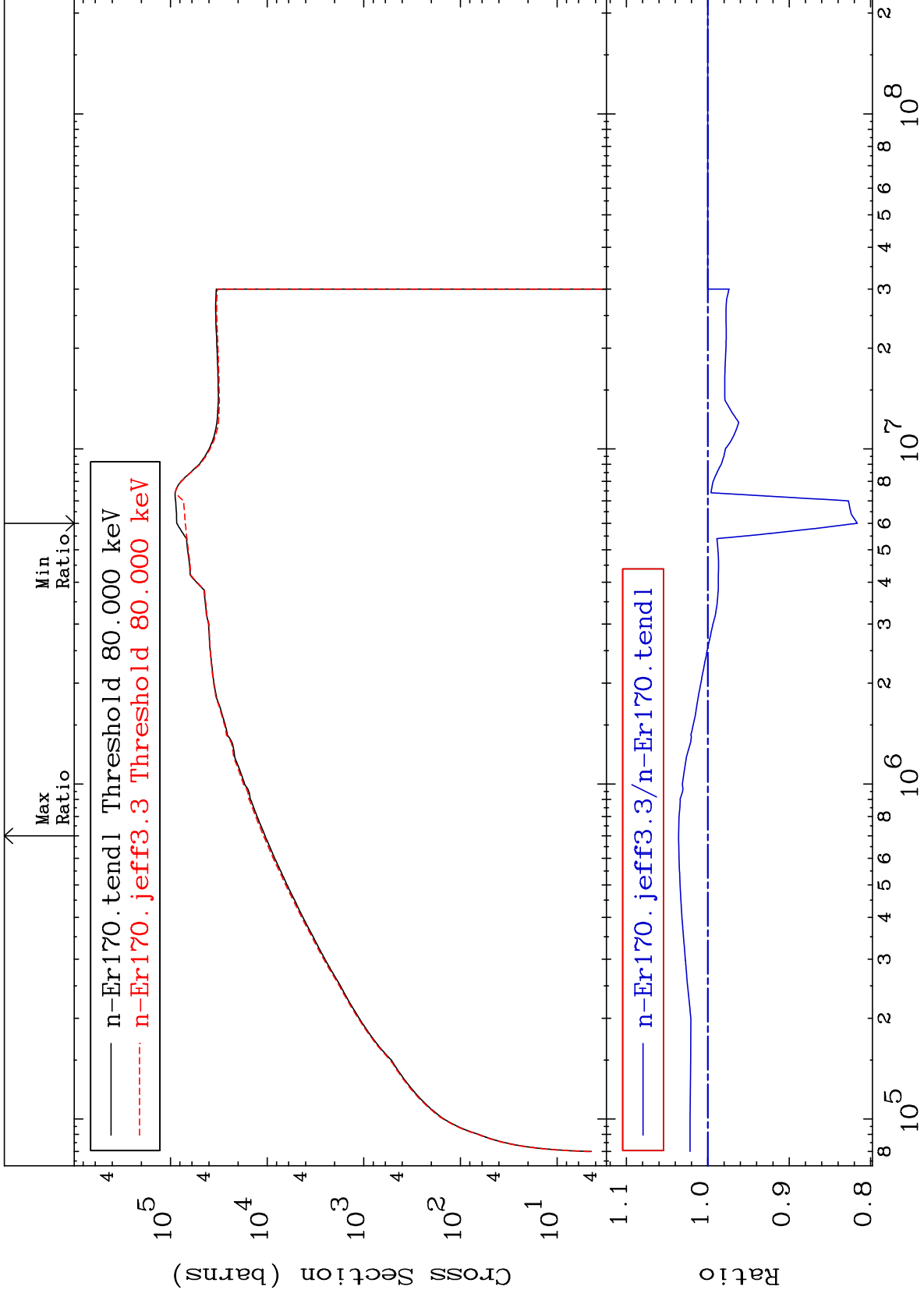
Incident Energy (eV)

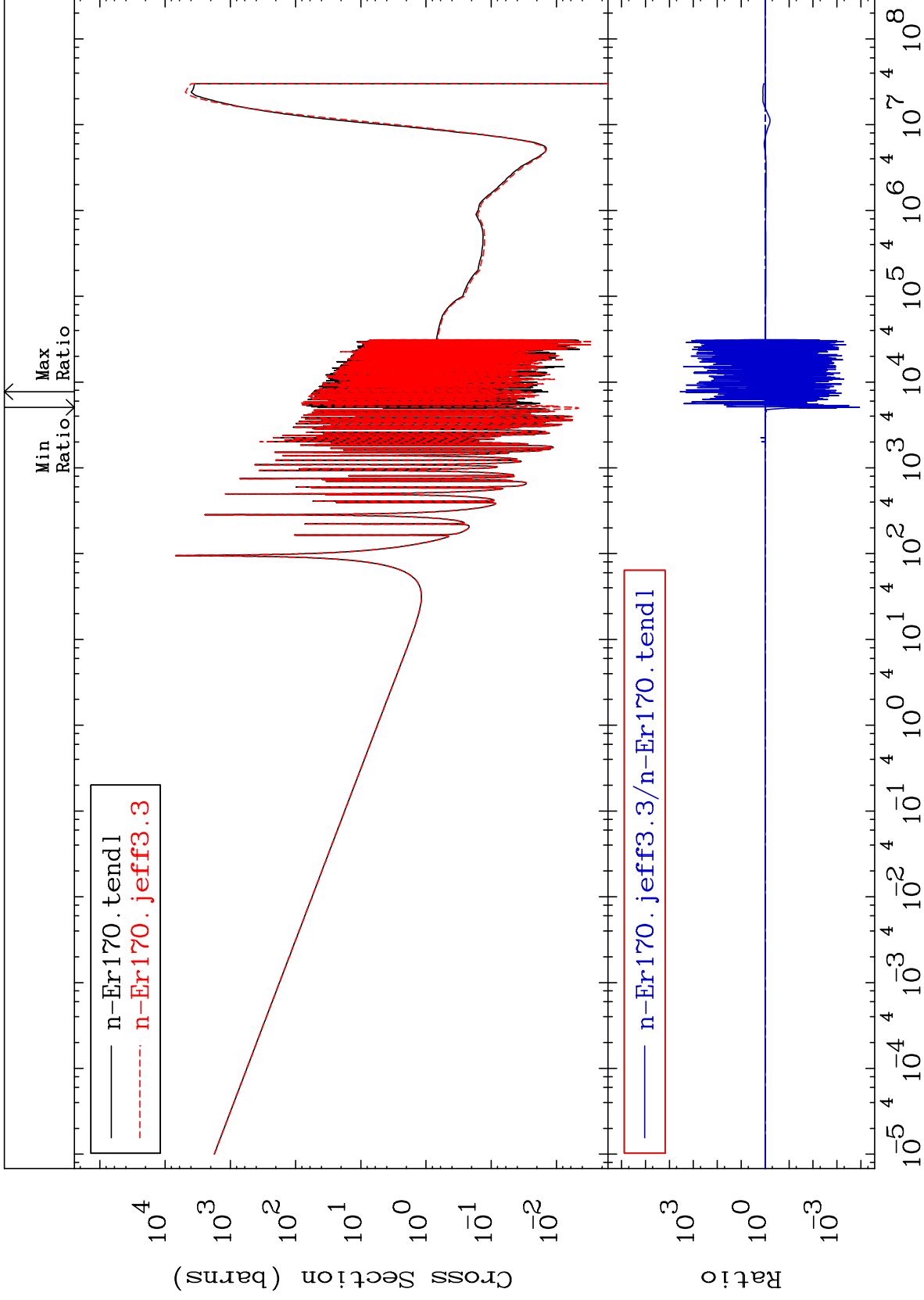
68-Er-170









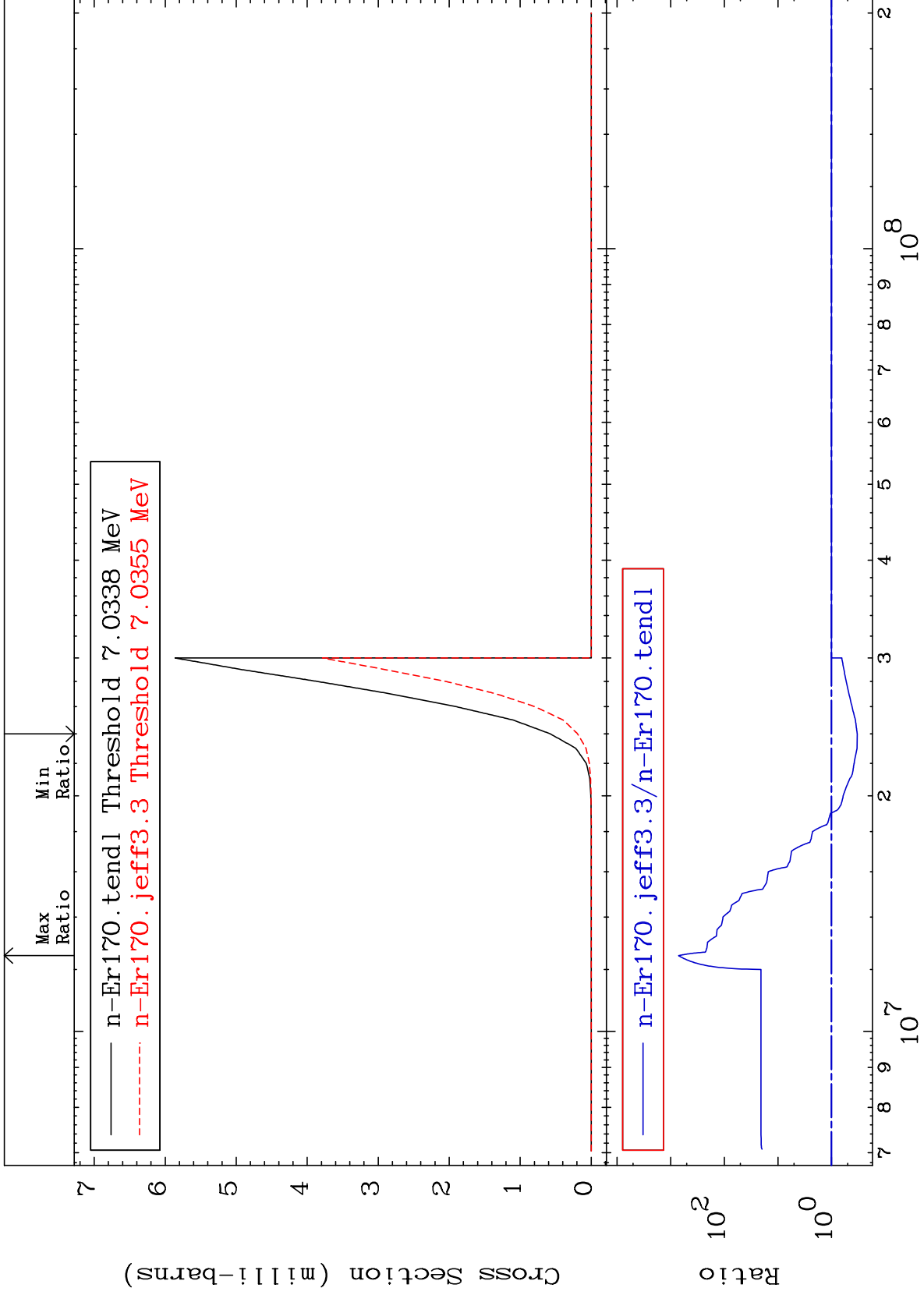


MAT 6849

(n,2n) α : 66-Dy-165g

68-Er-170

Radionuclide Production Cross Section -66.80 To 9999. %



74

Incident Energy (eV)

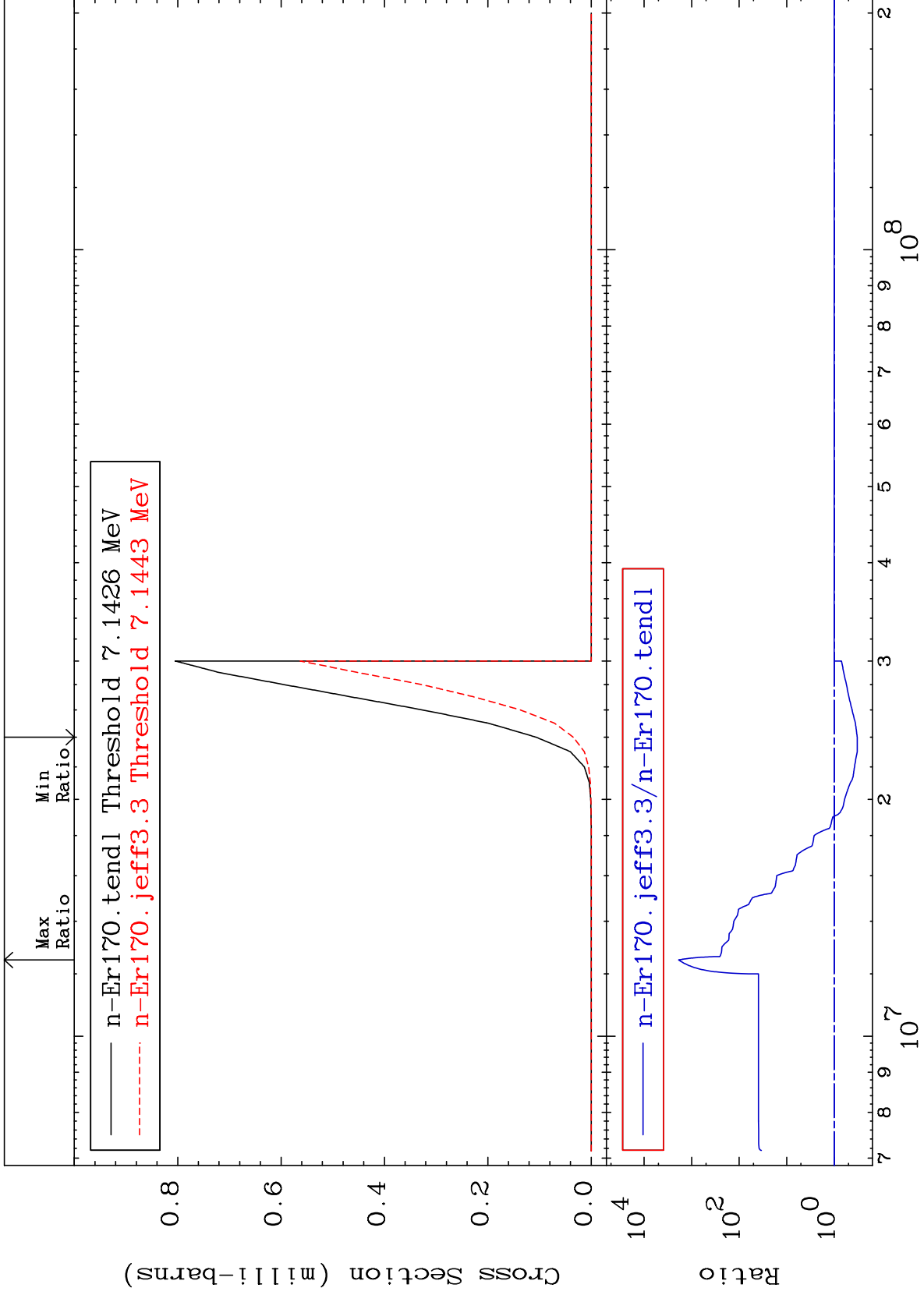
68-Er-170

MAT 6849

(n,2n) α : 66-Dy-165m2

68-Er-170

Radionuclide Production Cross Section -67.38 To 9999. %

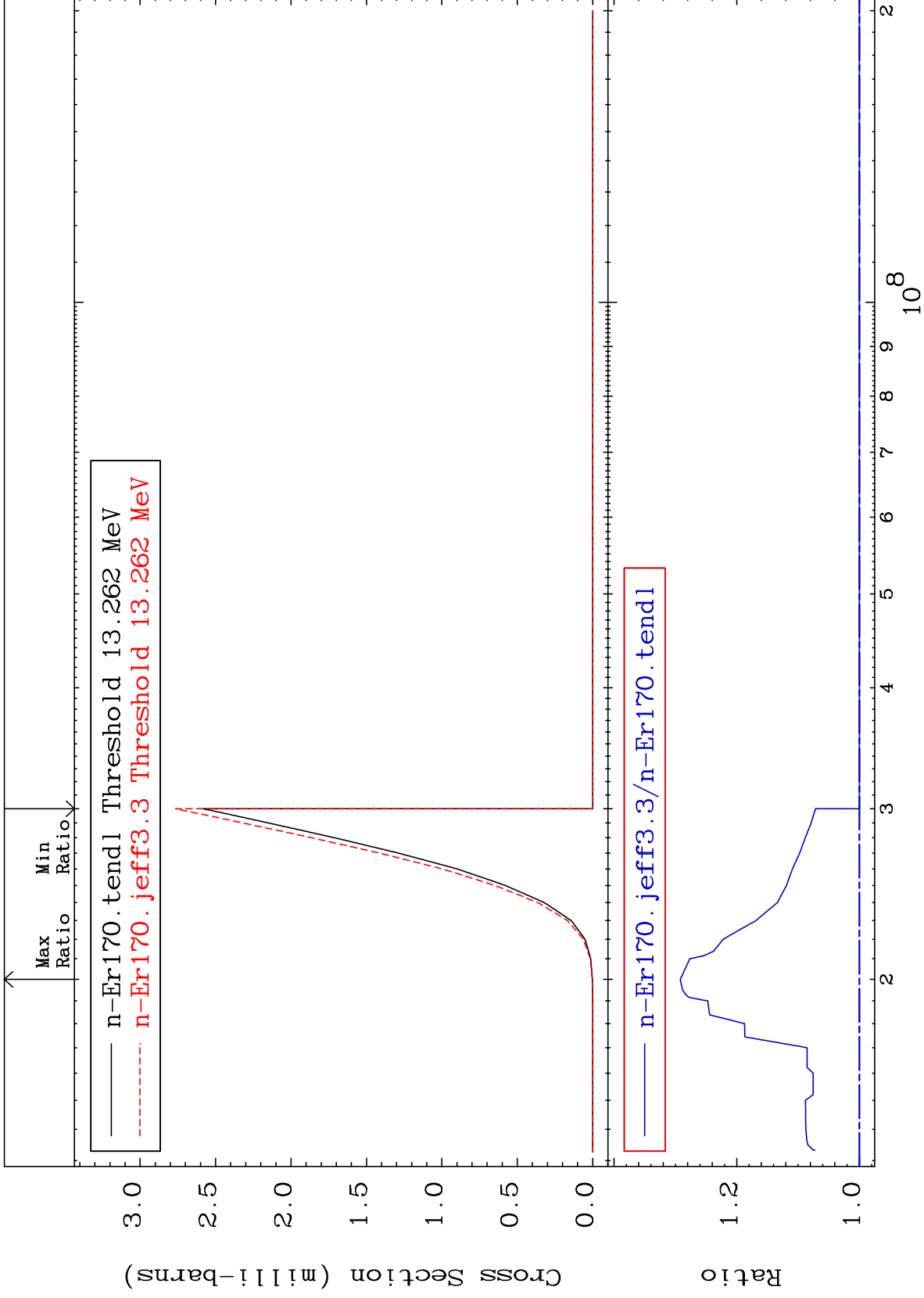


75

Incident Energy (eV)

68-Er-170

Radionuclide Production Cross Section 0.000 To 29.20 %

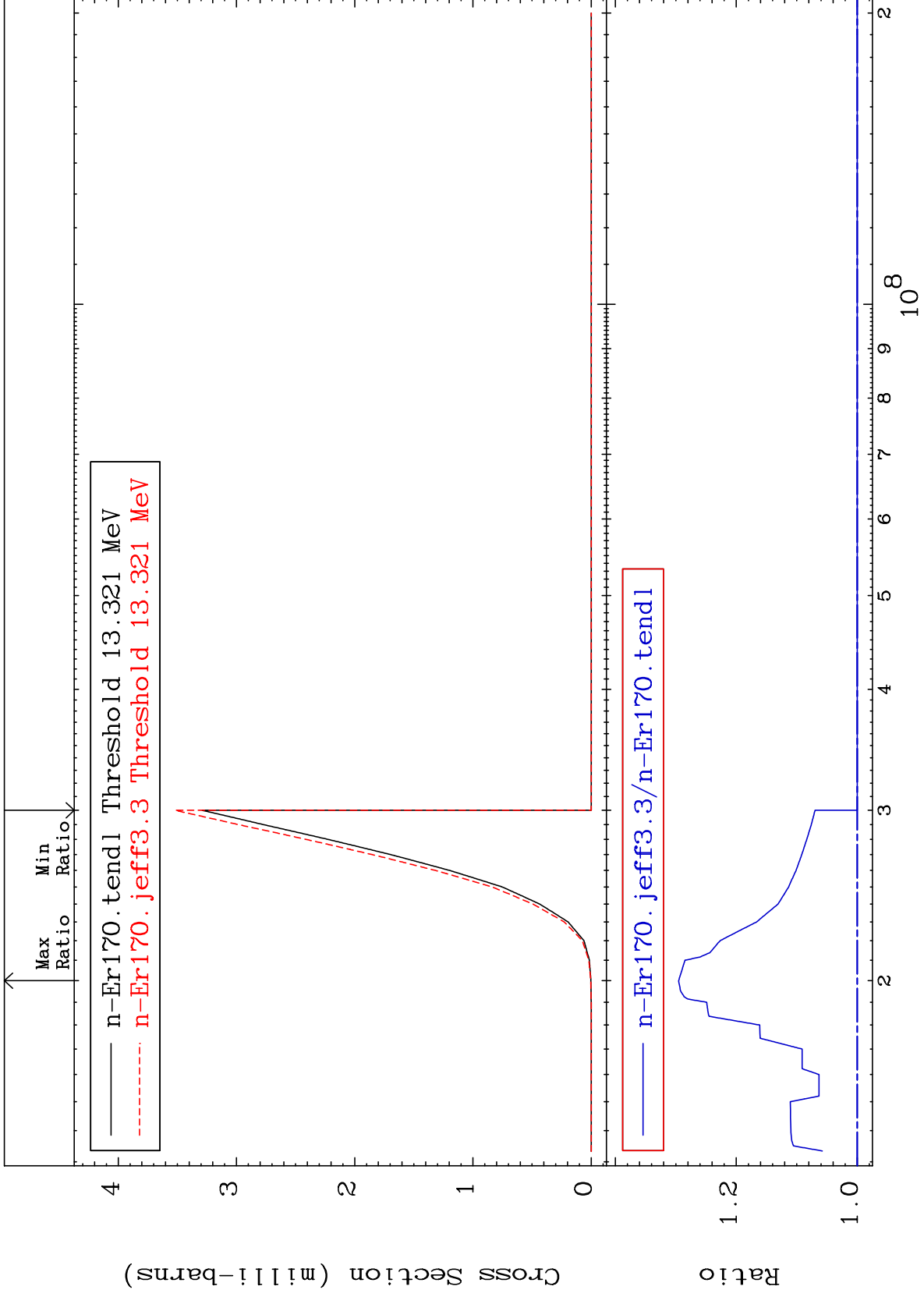


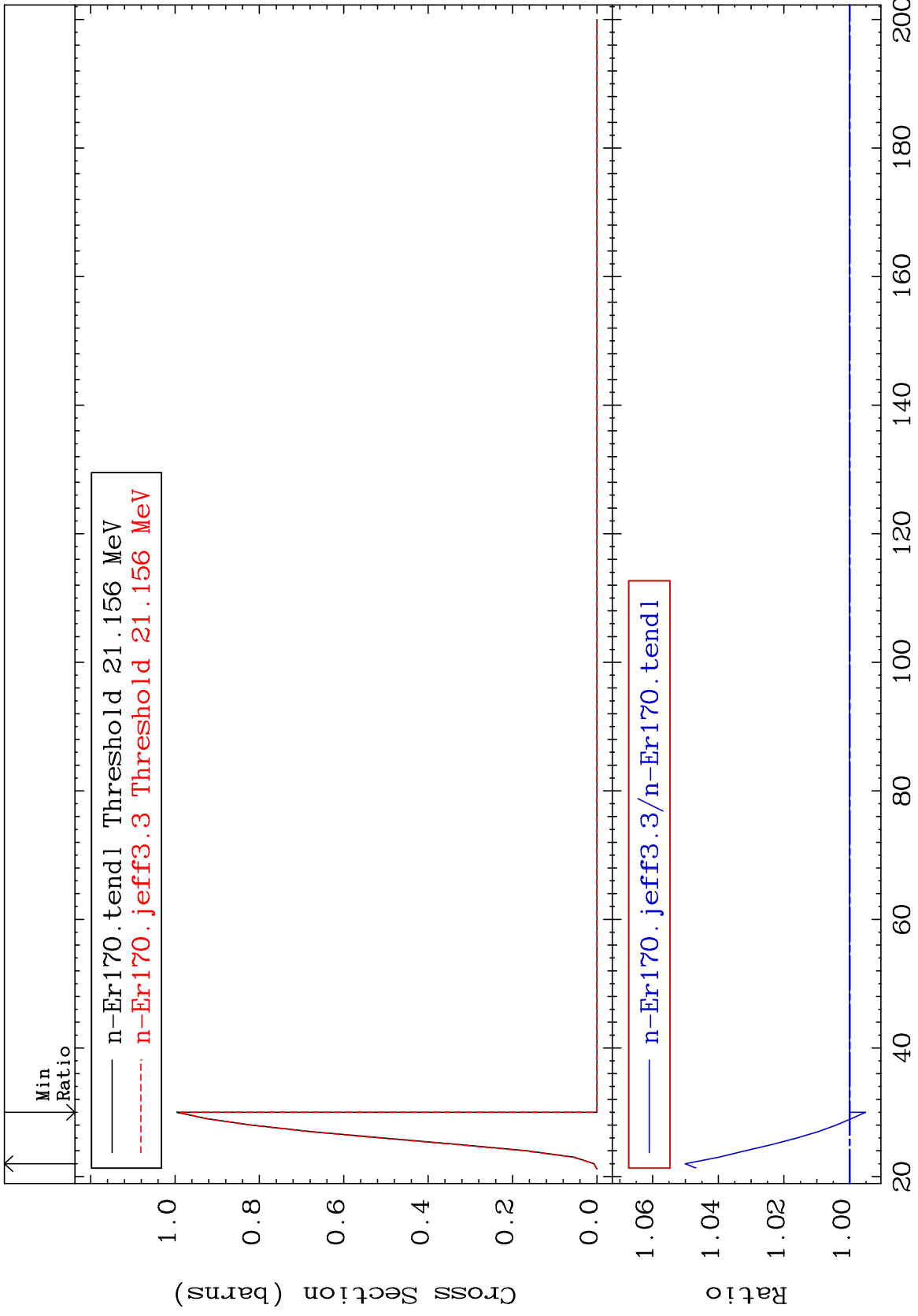
MAT 6849

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

68-Er-170

Radionuclide Production Cross Section 0.000 To 29.53 %





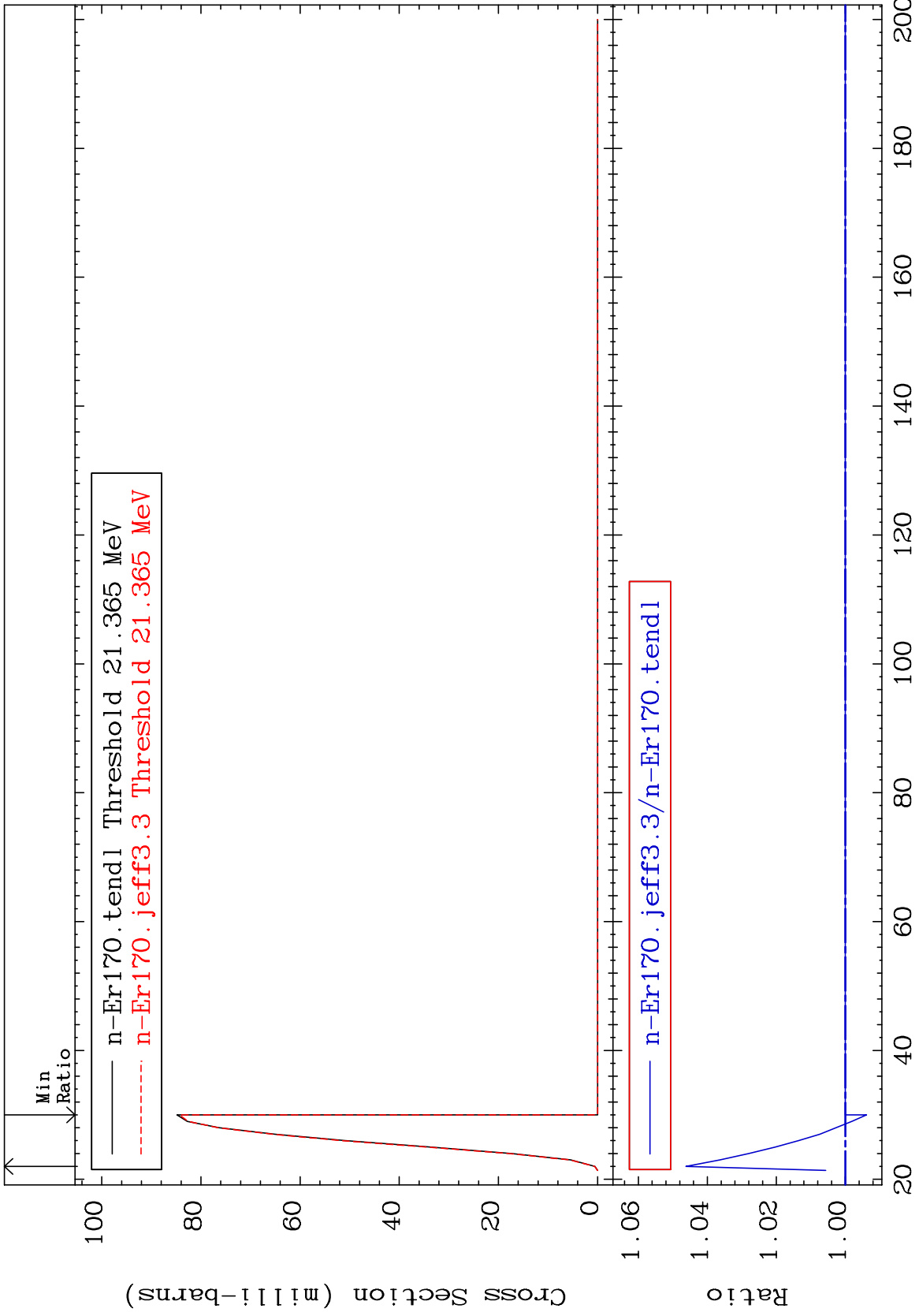
MAT 6849

(n, 4n) : 68-Er-167m3

68-Er-170

Radionuclide Production Cross Section

-0.613 To 4.620 %

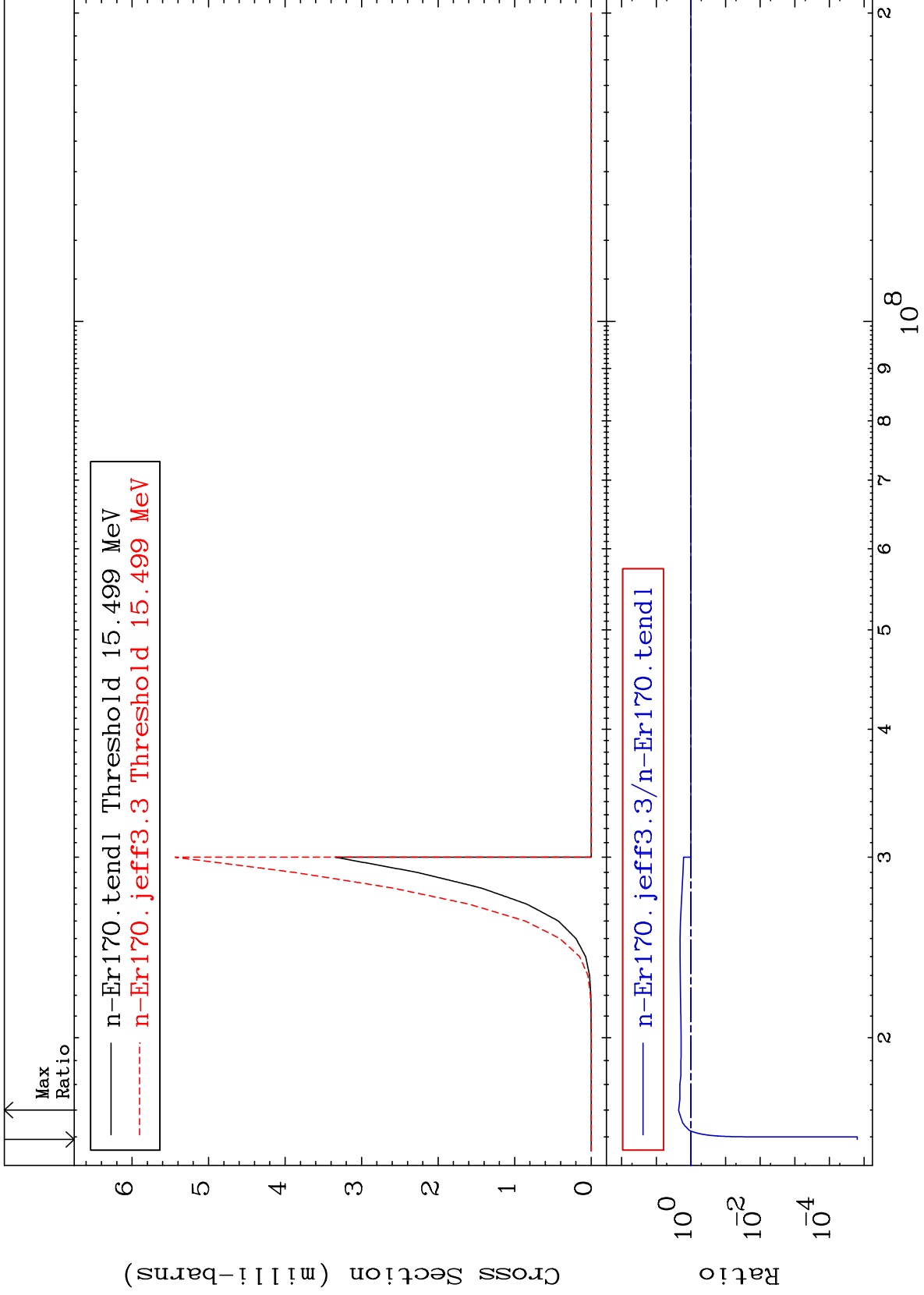


MAT 6849

(n,2n) p:67-Ho-168g

68-Er-170

Radionuclide Production Cross Section -100.0 To 126.6 %



80

Incident Energy (eV)

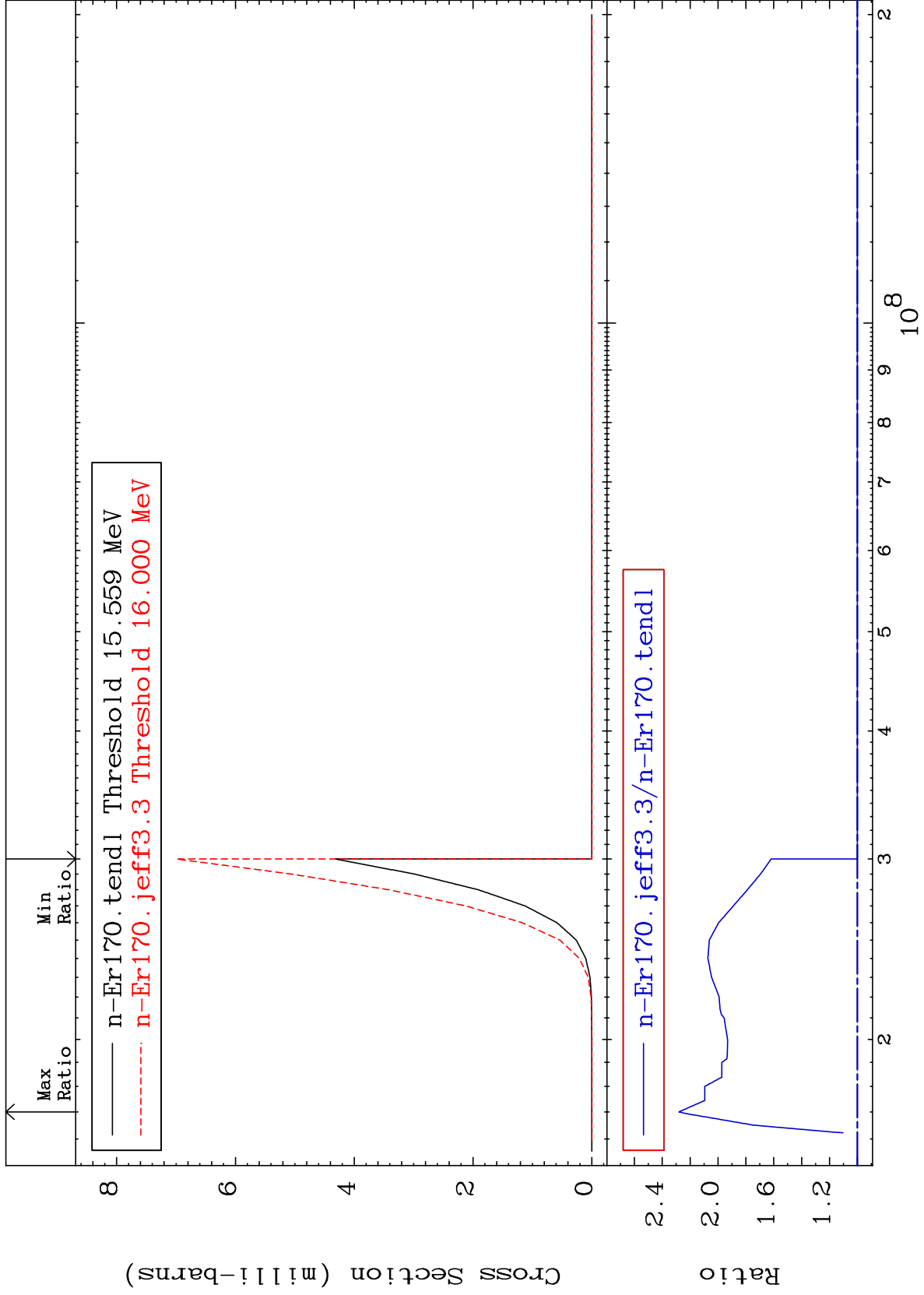
68-Er-170

MAT 6849

(n,2n) p:67-Ho-168m1

68-Er-170

Radionuclide Production Cross Section 0.000 To 127.9 %

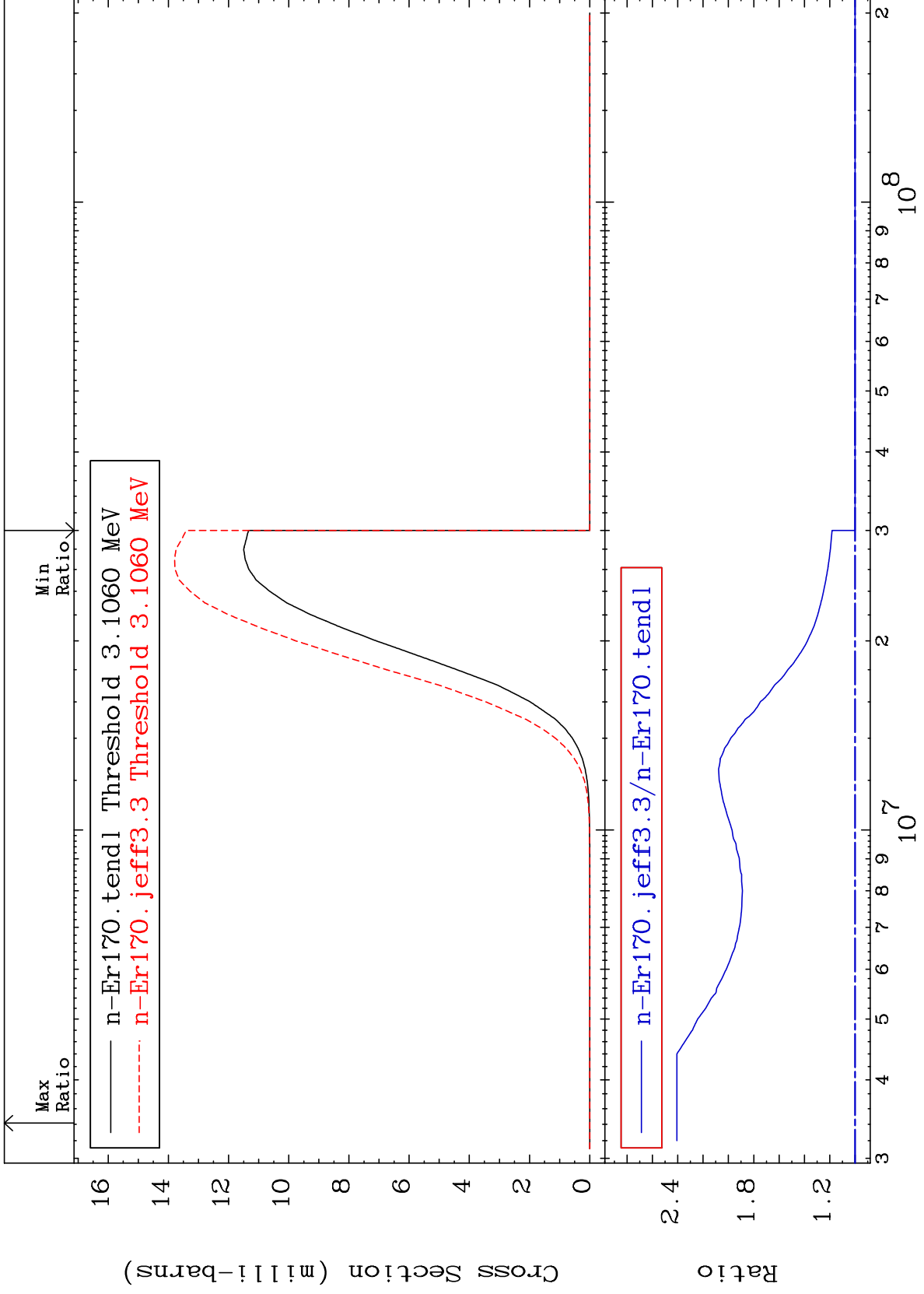


MAT 6849

(n, p) : 67-Ho-170g

68-Er-170

Radionuclide Production Cross Section 0.000 To 140.6 %

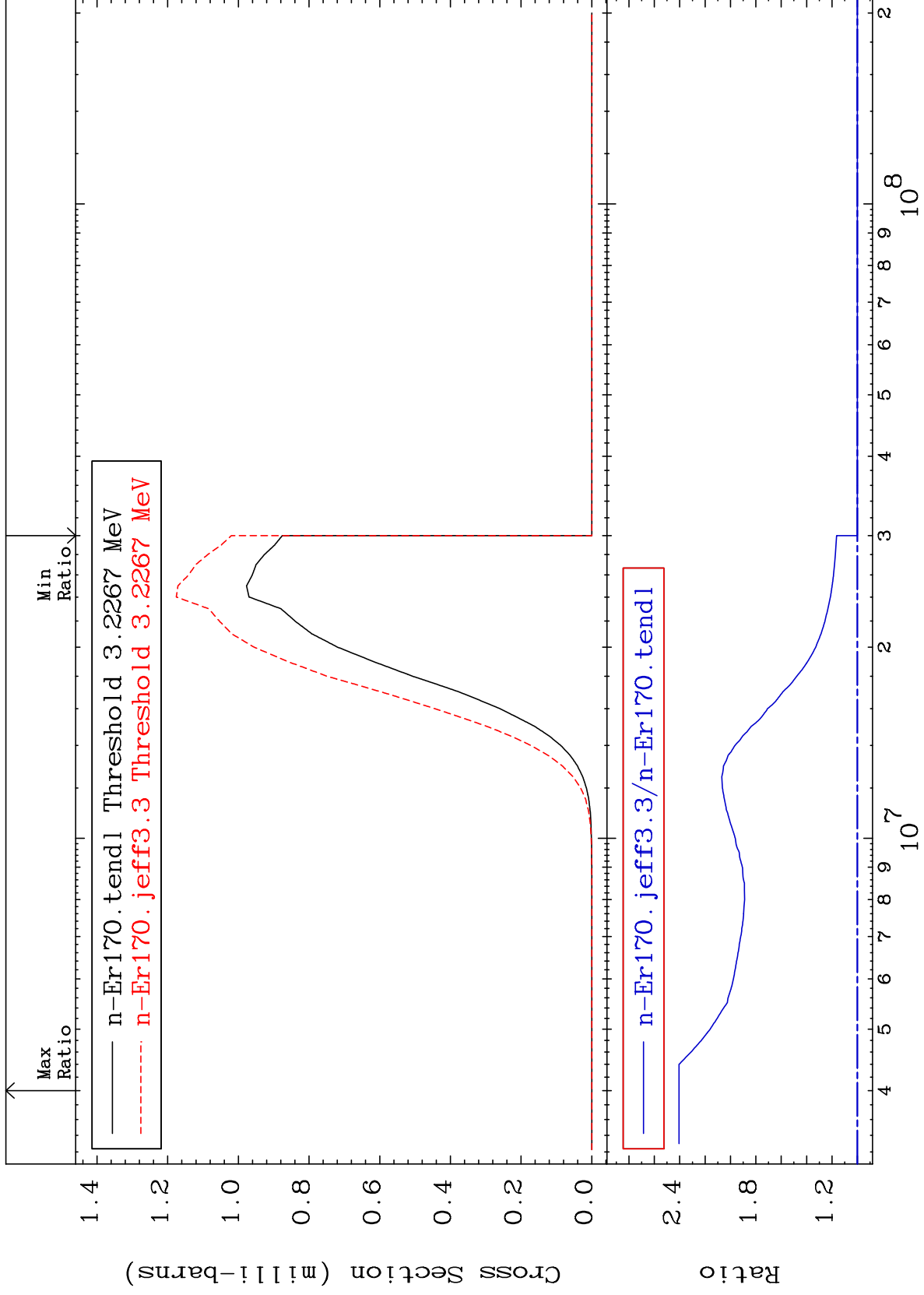


MAT 6849

(n, p) : 67-Ho-170m1

68-Er-170

Radionuclide Production Cross Section 0.000 To 140.5 %

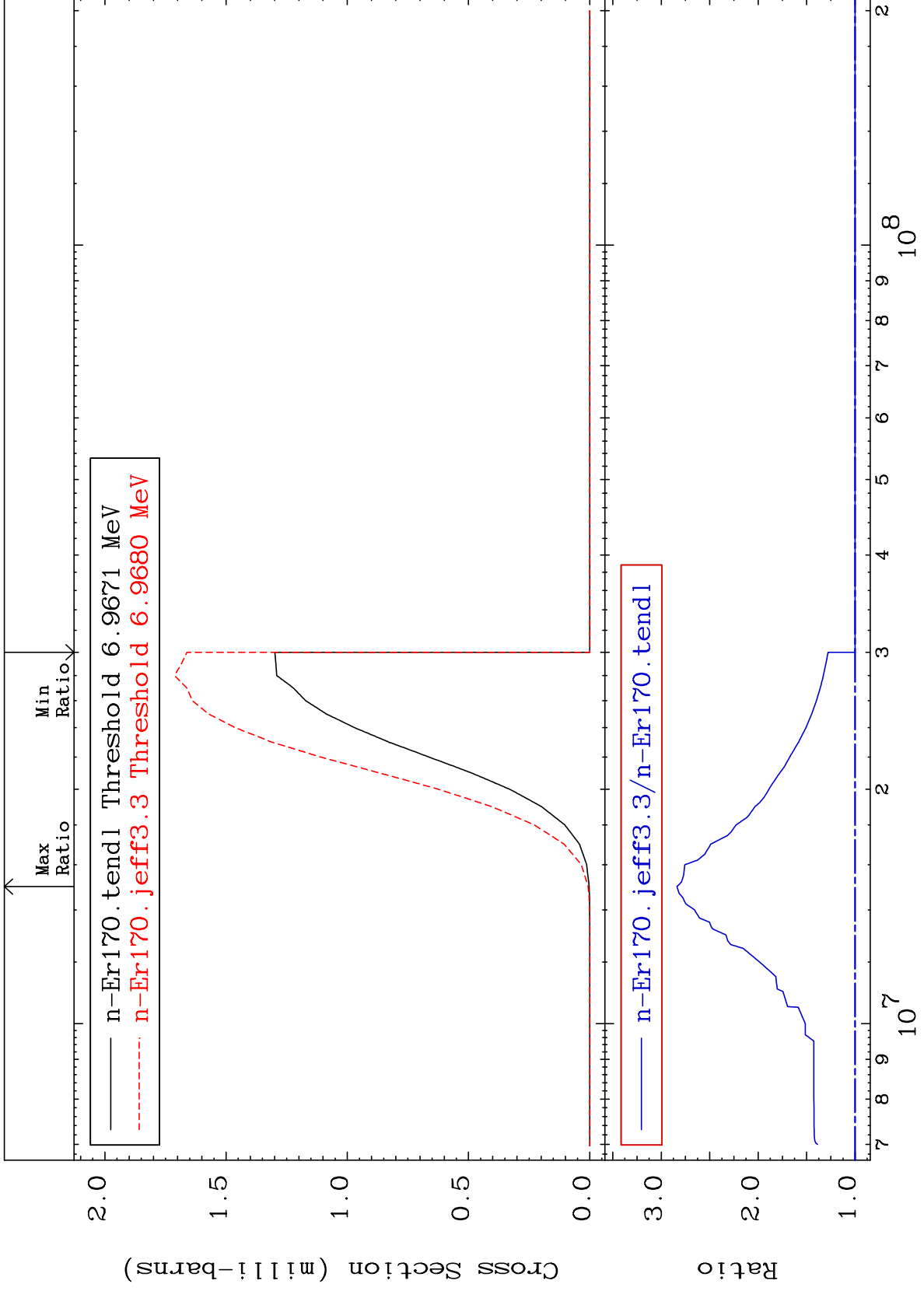


MAT 6849

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

68-Er-170

Radionuclide Production Cross Section 0.000 To 183.8 %

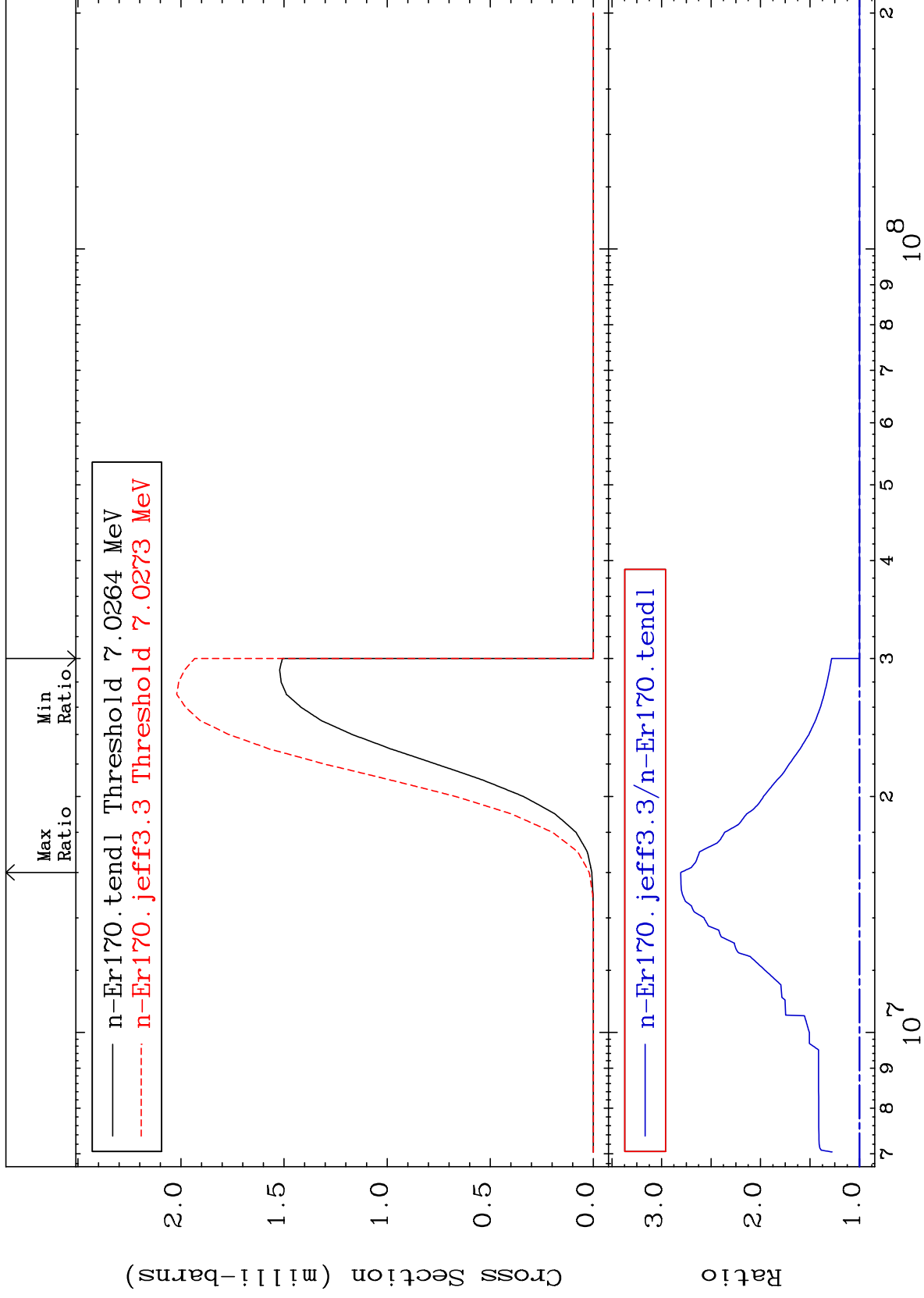


MAT 6849

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

68-Er-170

Radionuclide Production Cross Section 0.000 To 180.6 %



85

68-Er-170