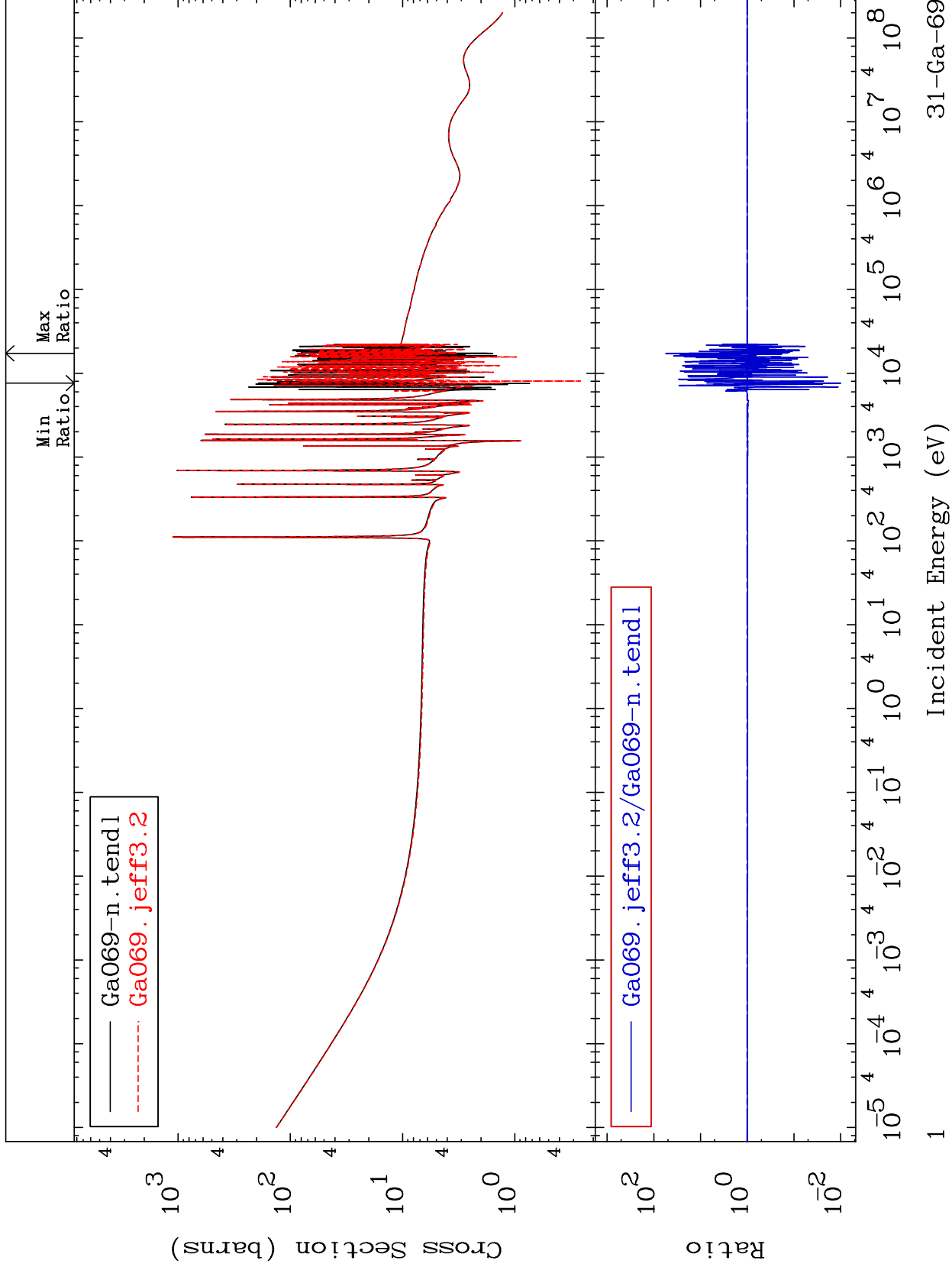


MAT 3125

Total
Cross Section

31-Ga-69
-99.01 To 5392. %



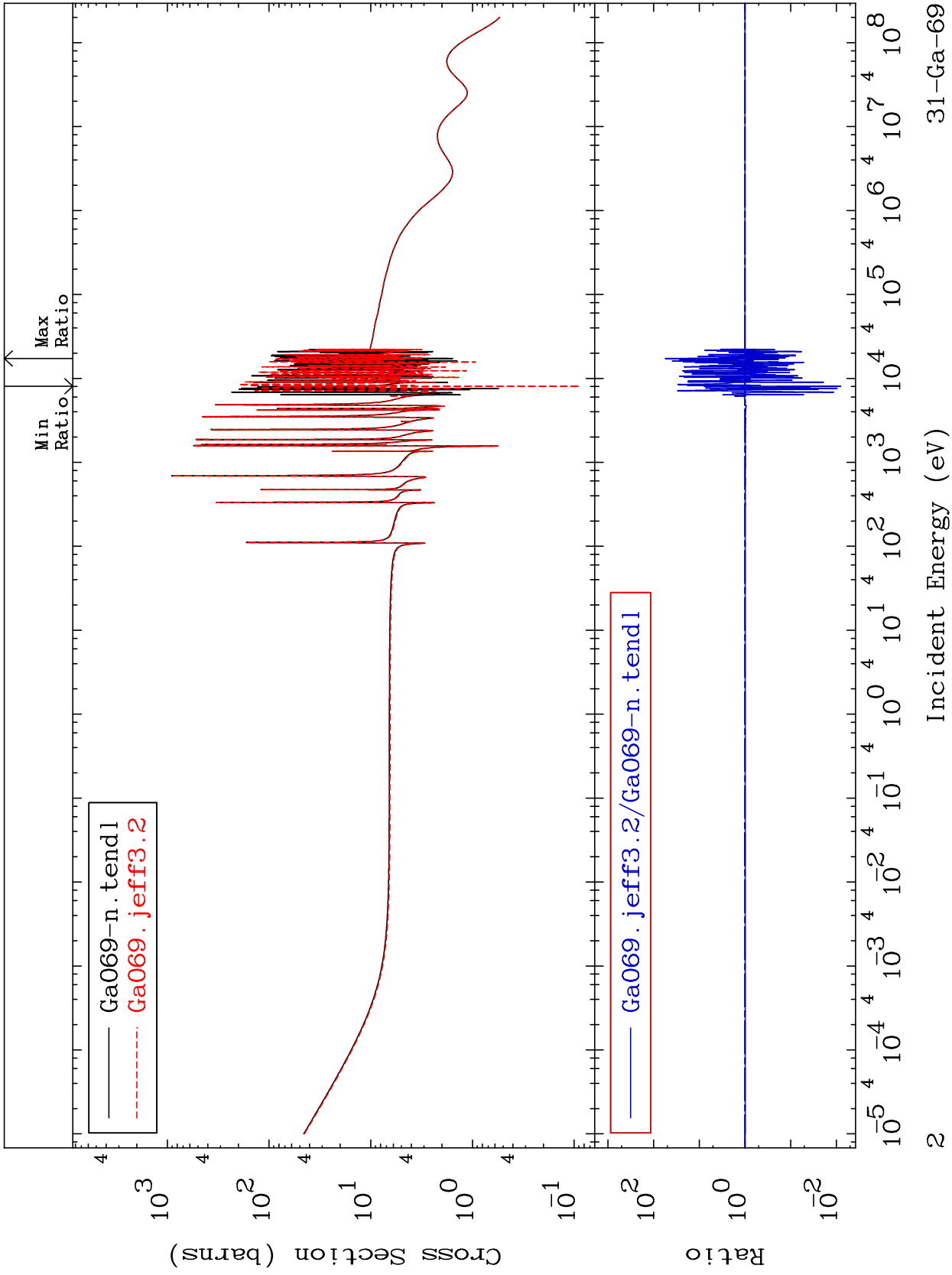
Incident Energy (eV)

31-Ga-69

MAT 3125

Elastic
Cross Section

31-Ga-69
-99.20 To 5372. %



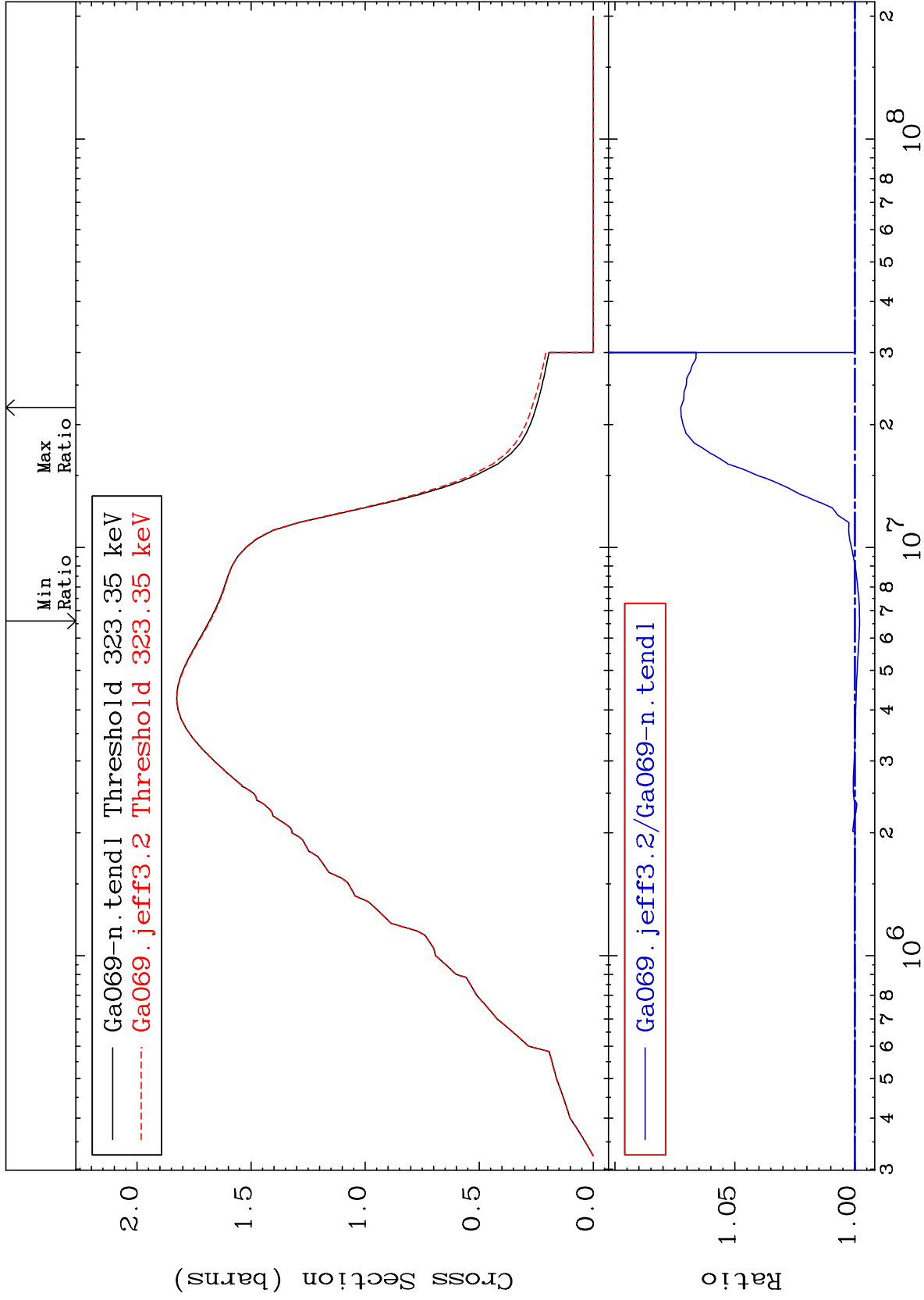
31-Ga-69

MAT 3125

31-Ga-69

-0.195 To 7.258 %

Inelastic
Cross Section



3

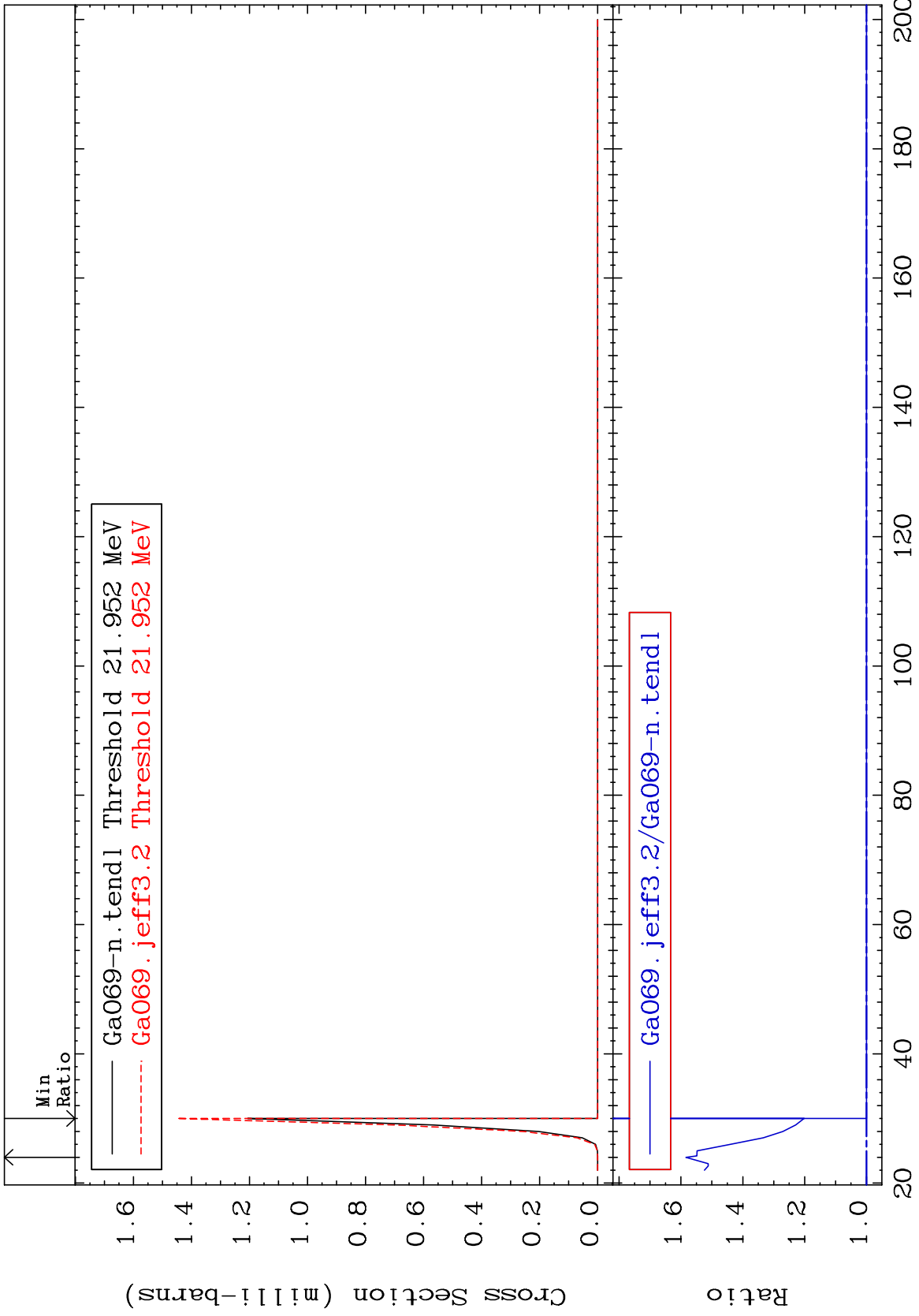
Incident Energy (eV)

31-Ga-69

MAT 3125

(n,2n) d
Cross Section

31-Ga-69
0.000 To 58.37 %



Incident Energy (MeV)

31-Ga-69

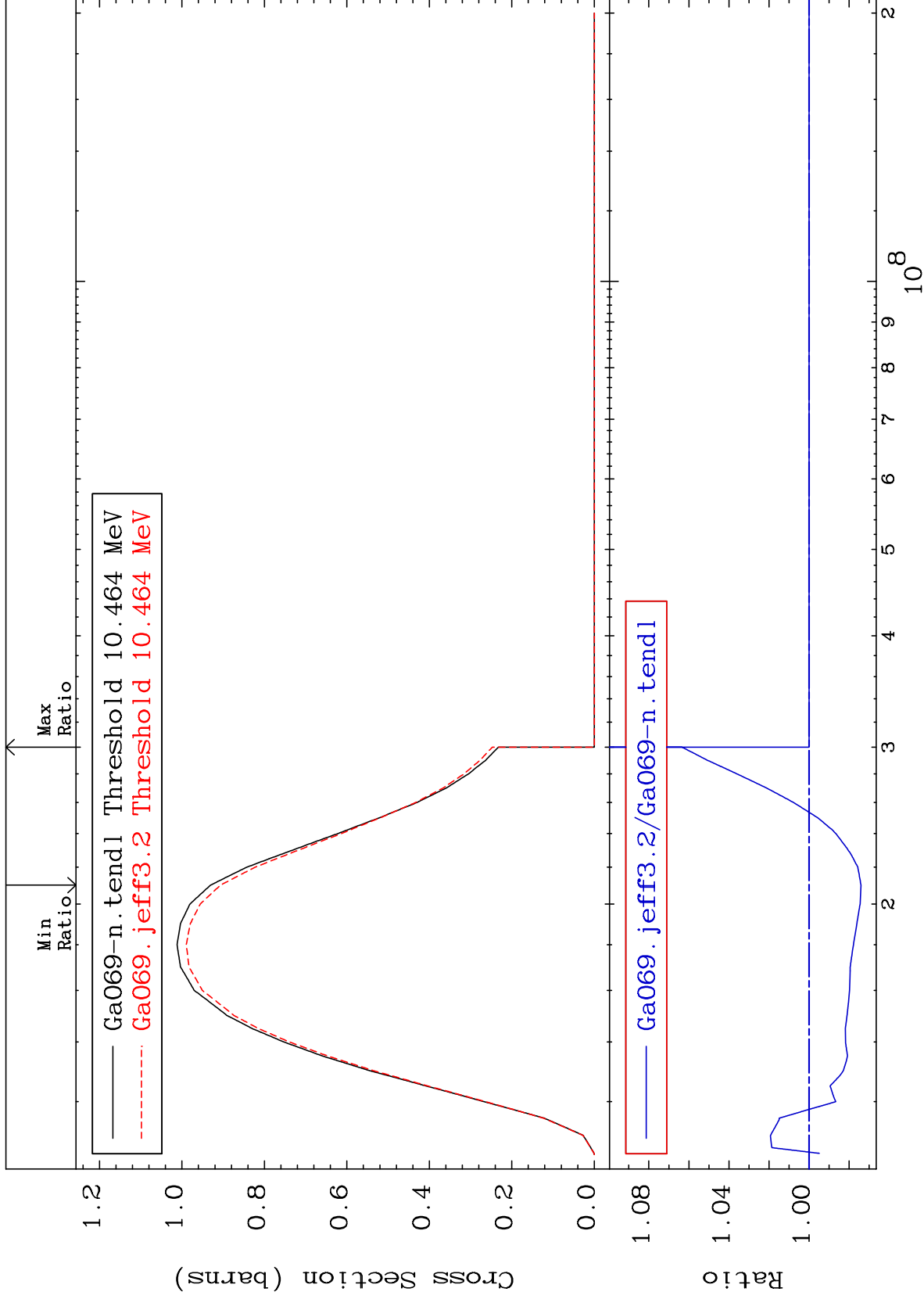
MAT 3125

(n,2n)

31-Ga-69

Cross Section

-2.589 To 6.347 %



5

Incident Energy (eV)

31-Ga-69

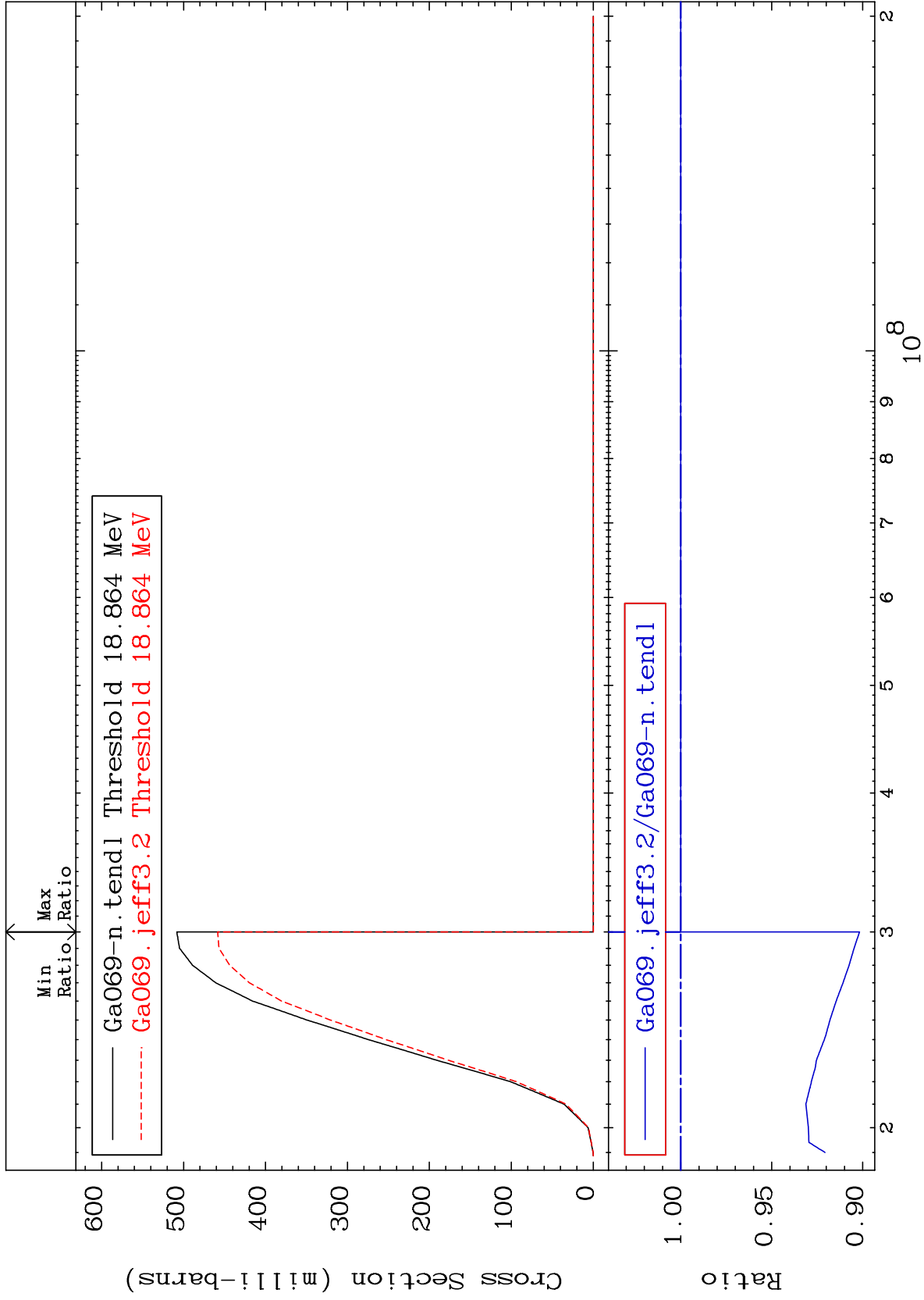
MAT 3125

(n, 3n)

31-Ga-69

Cross Section

-9.827 To 0.000 %



6

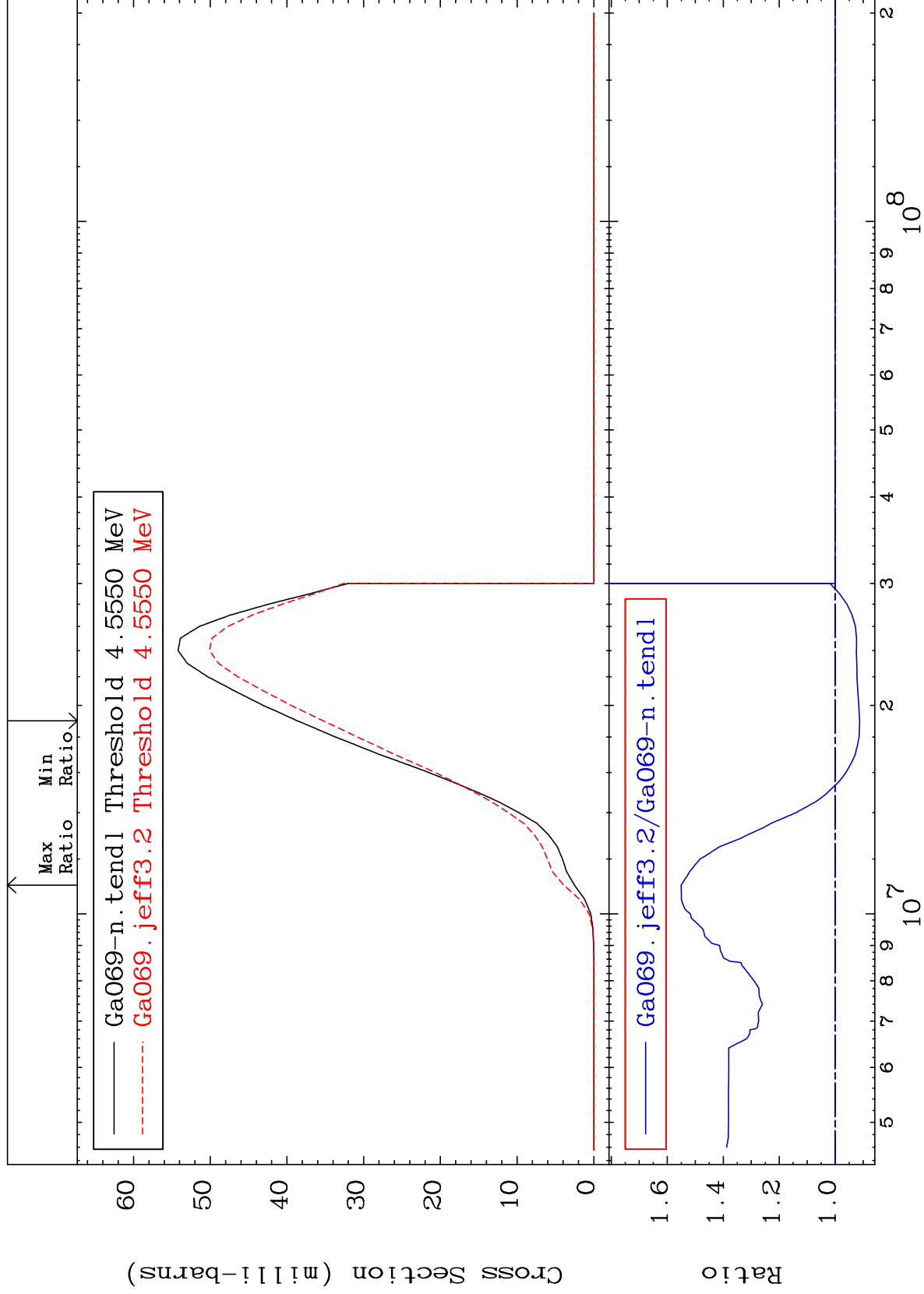
Incident Energy (eV)

31-Ga-69

MAT 3125

31-Ga-69

(n,n') α
Cross Section
-8.726 To 55.02 %



7

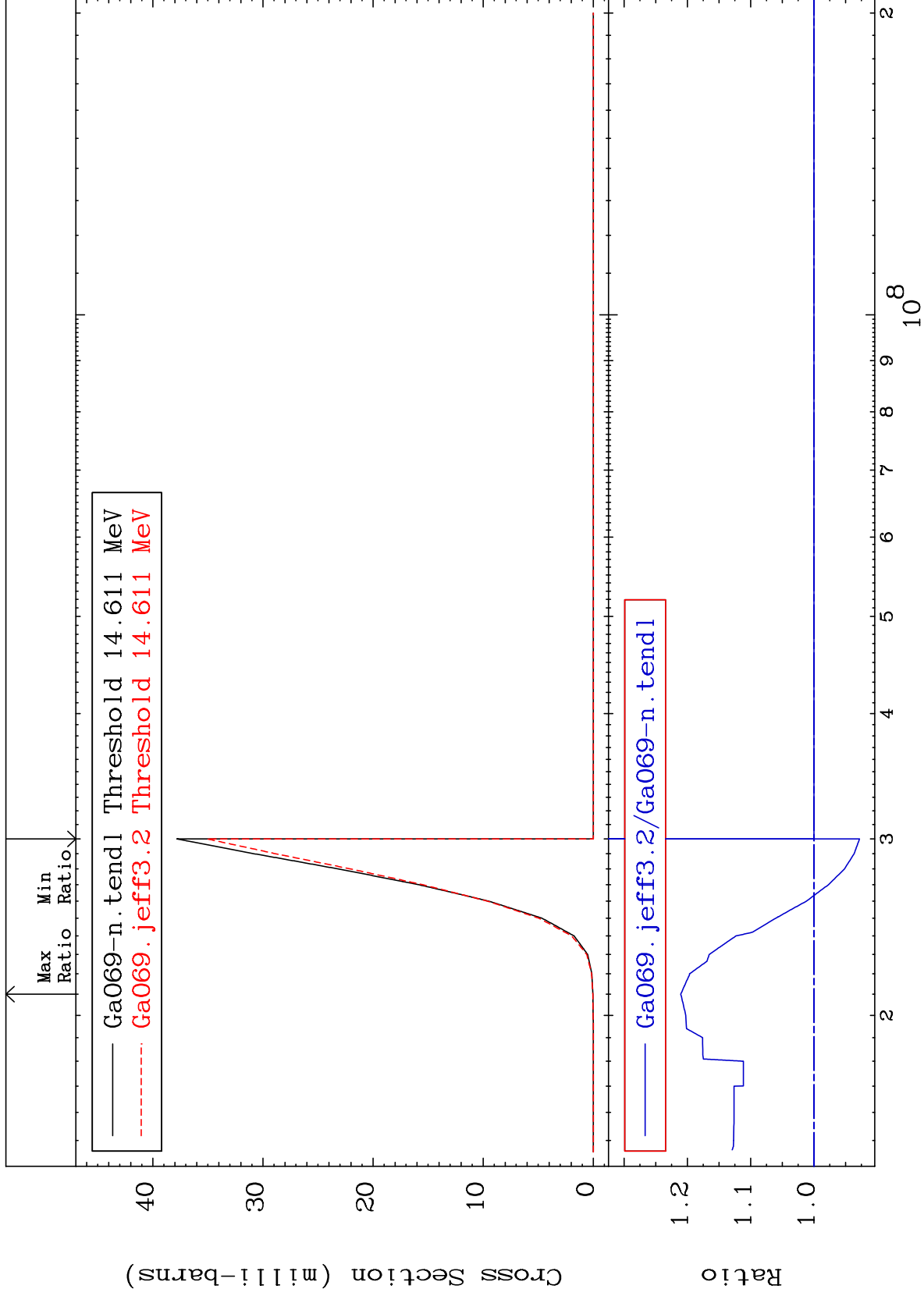
Incident Energy (eV)

31-Ga-69

MAT 3125

(n,2n) α
Cross Section

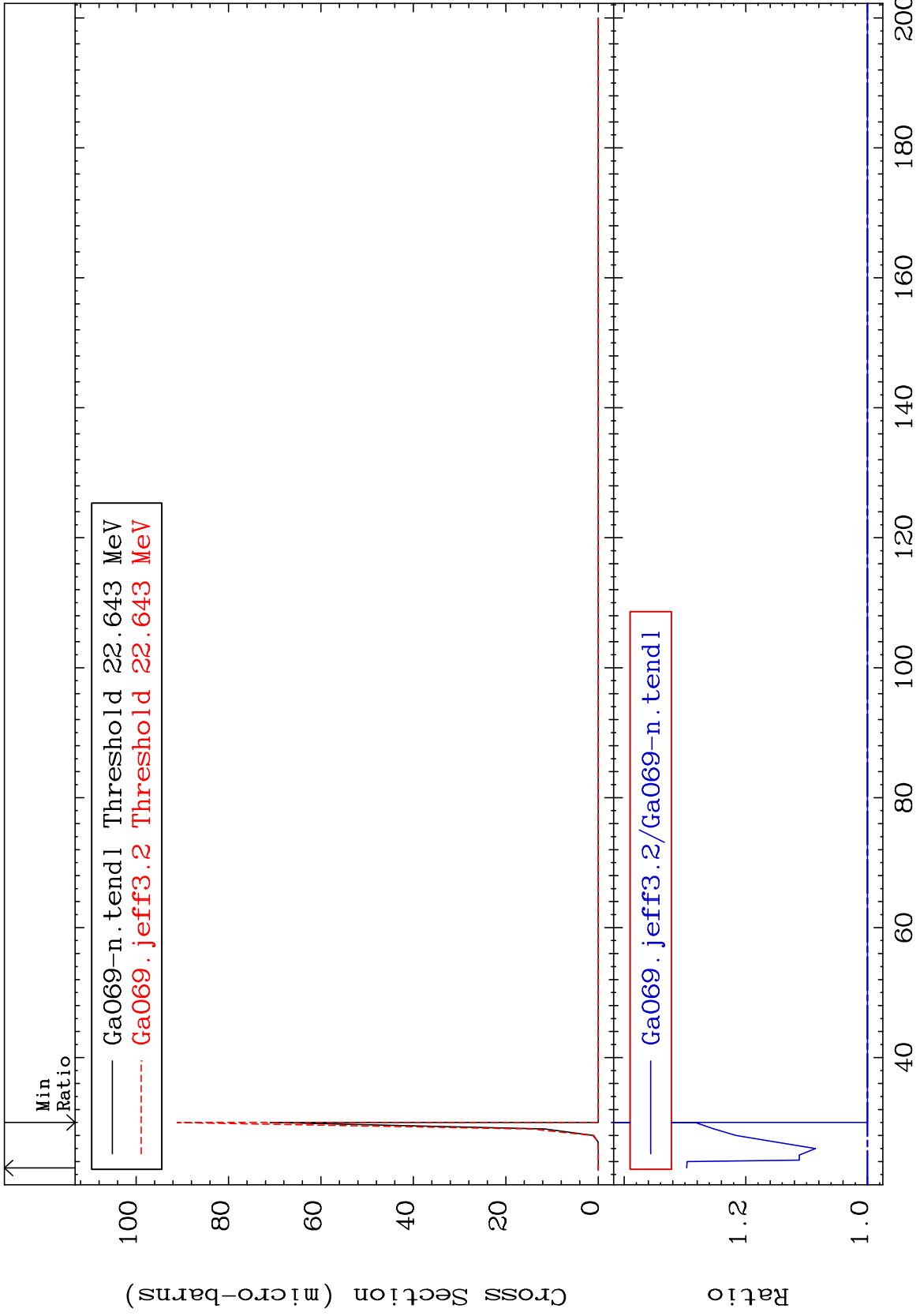
31-Ga-69
-7.189 To 21.05 %



MAT 3125

(n,3n) α
Cross Section

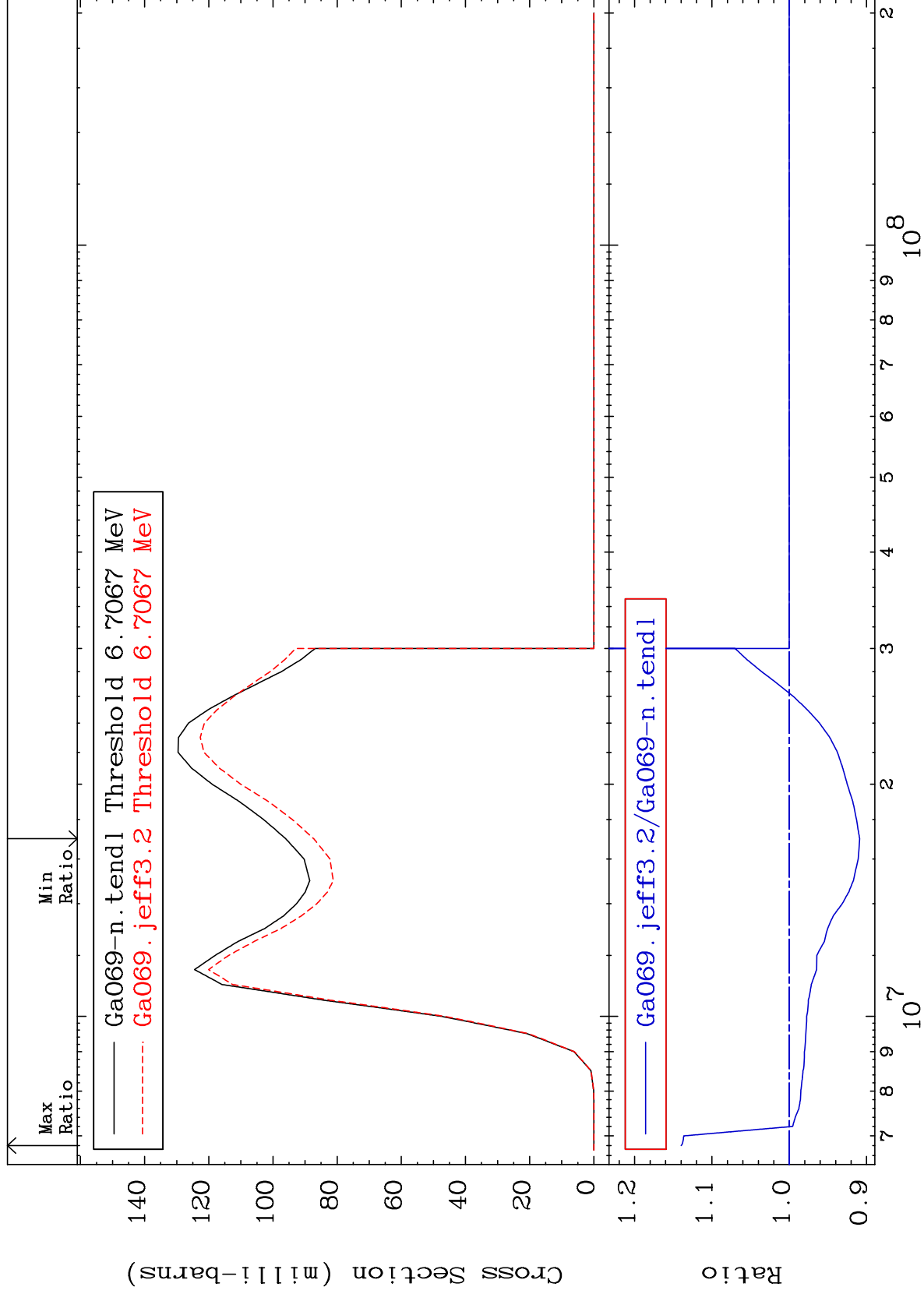
31-Ga-69
0.000 To 29.71 %



MAT 3125

(n,n') p
Cross Section

31-Ga-69
-9.103 To 13.98 %



10

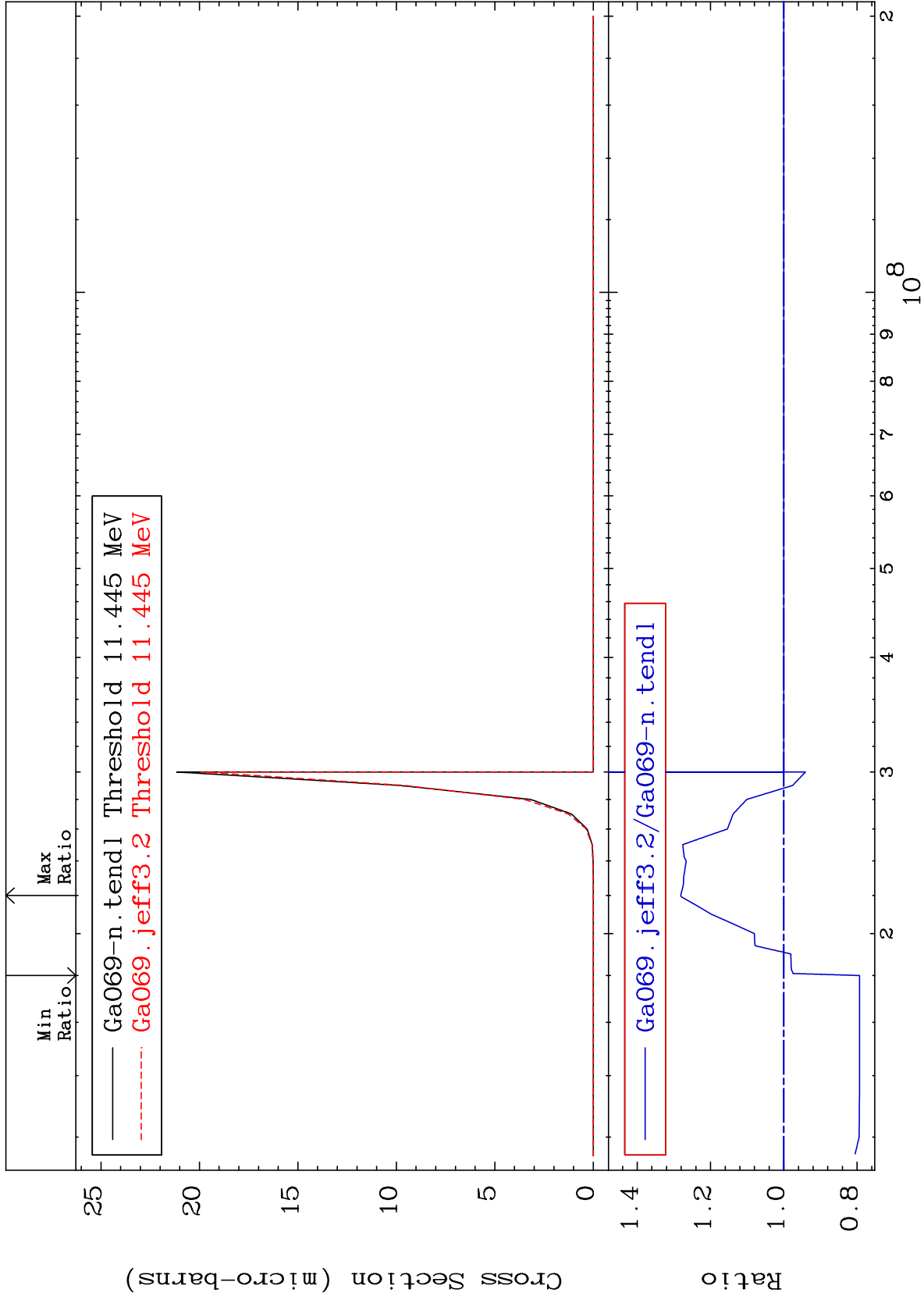
Incident Energy (eV)

31-Ga-69

MAT 3125

(n, n') 2α
Cross Section

31-Ga-69
-20.66 To 28.12 %



11

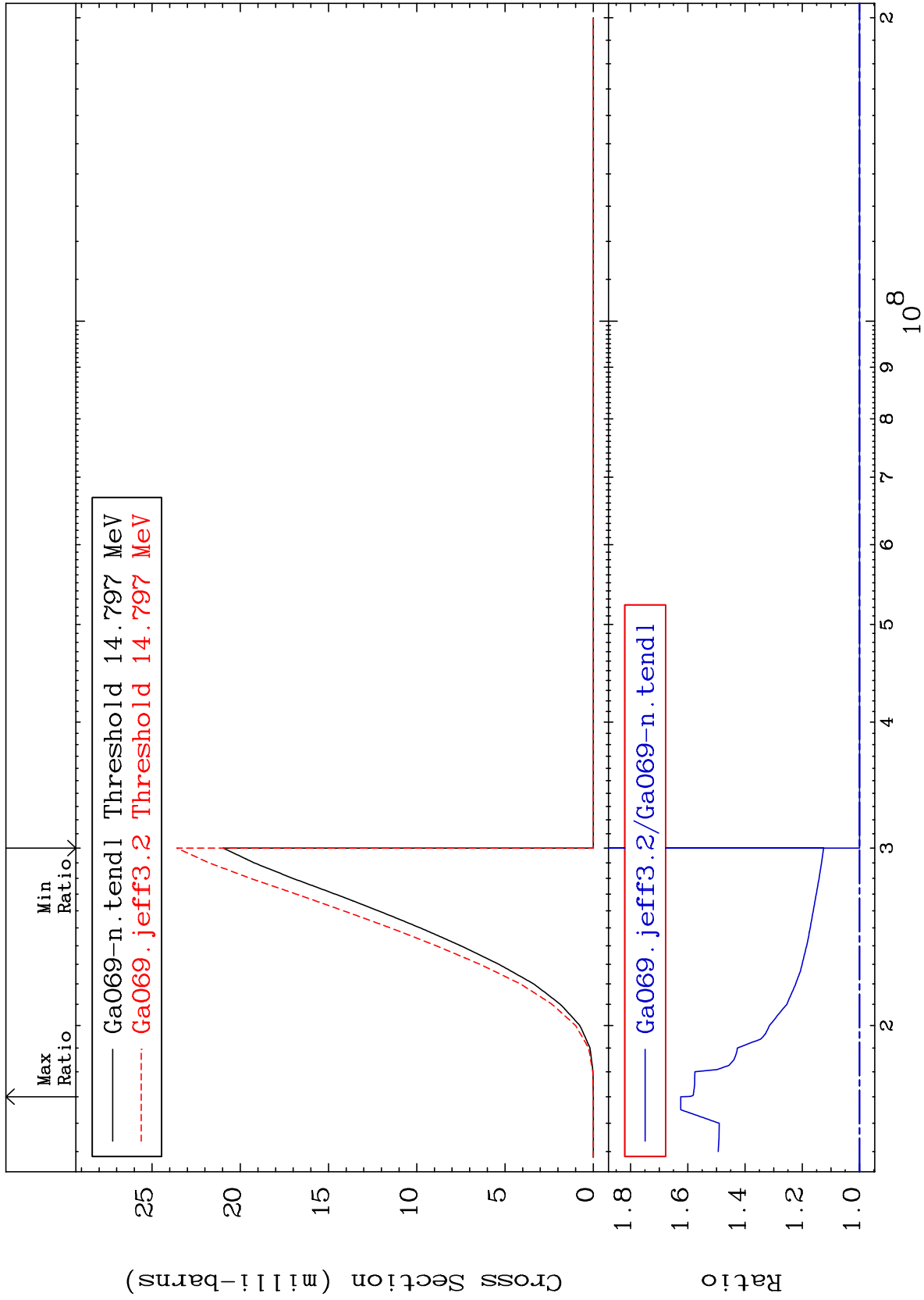
Incident Energy (eV)

31-Ga-69

MAT 3125

(n,n') d
Cross Section

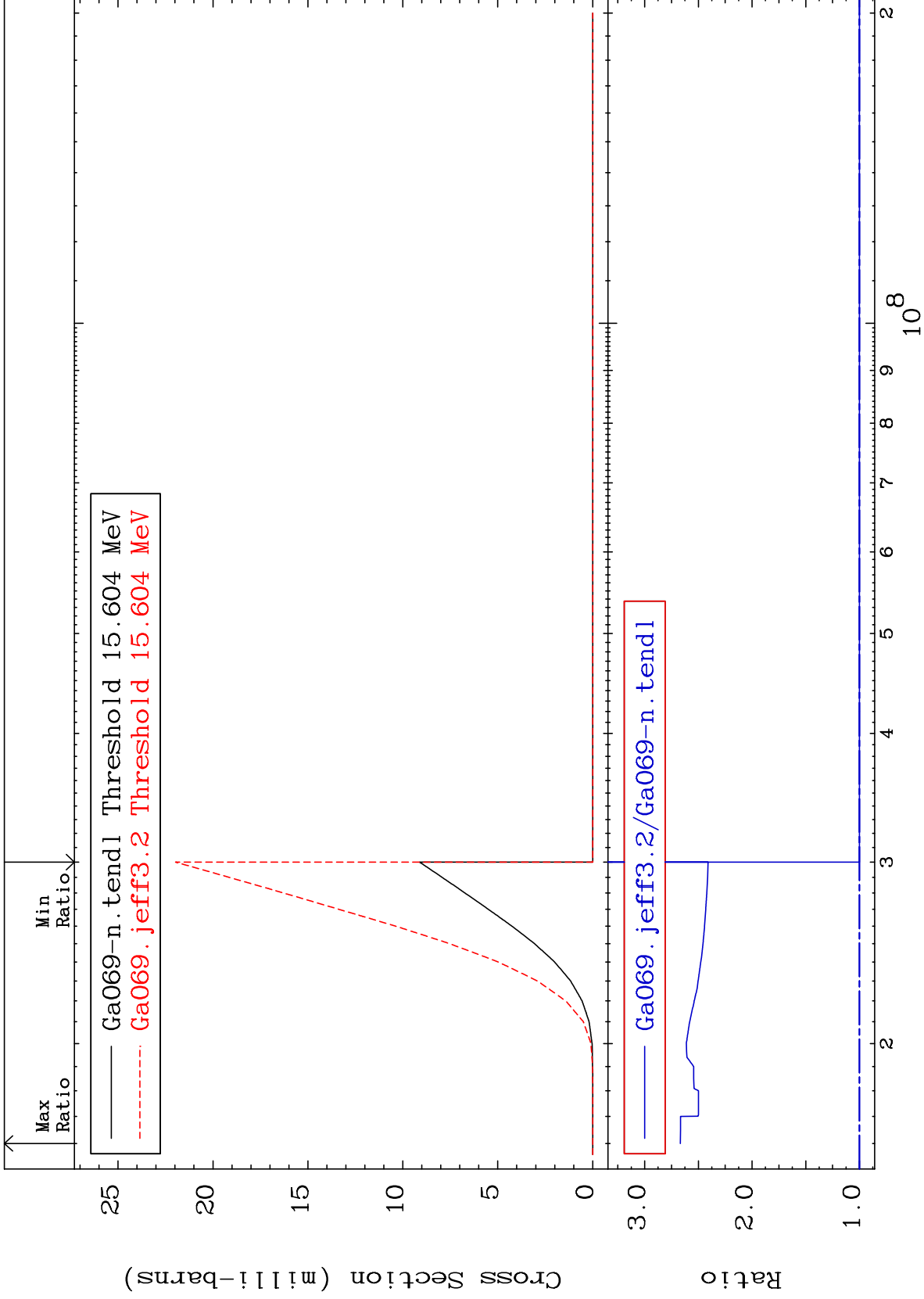
31-Ga-69
0.000 To 62.46 %



MAT 3125

(n,n') t
Cross Section

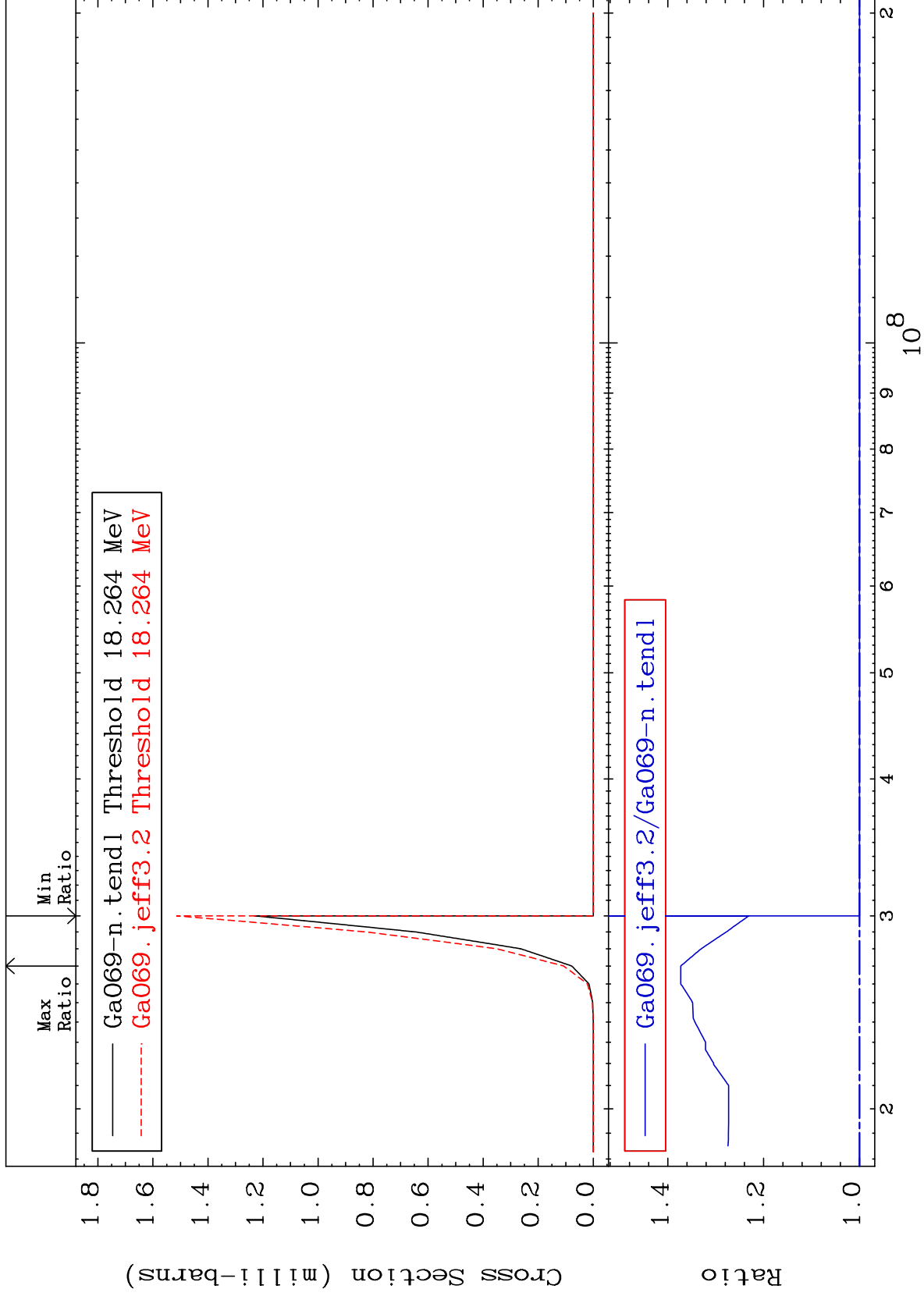
31-Ga-69
0.000 To 166.8 %



MAT 3125

(n, n') He-3
Cross Section

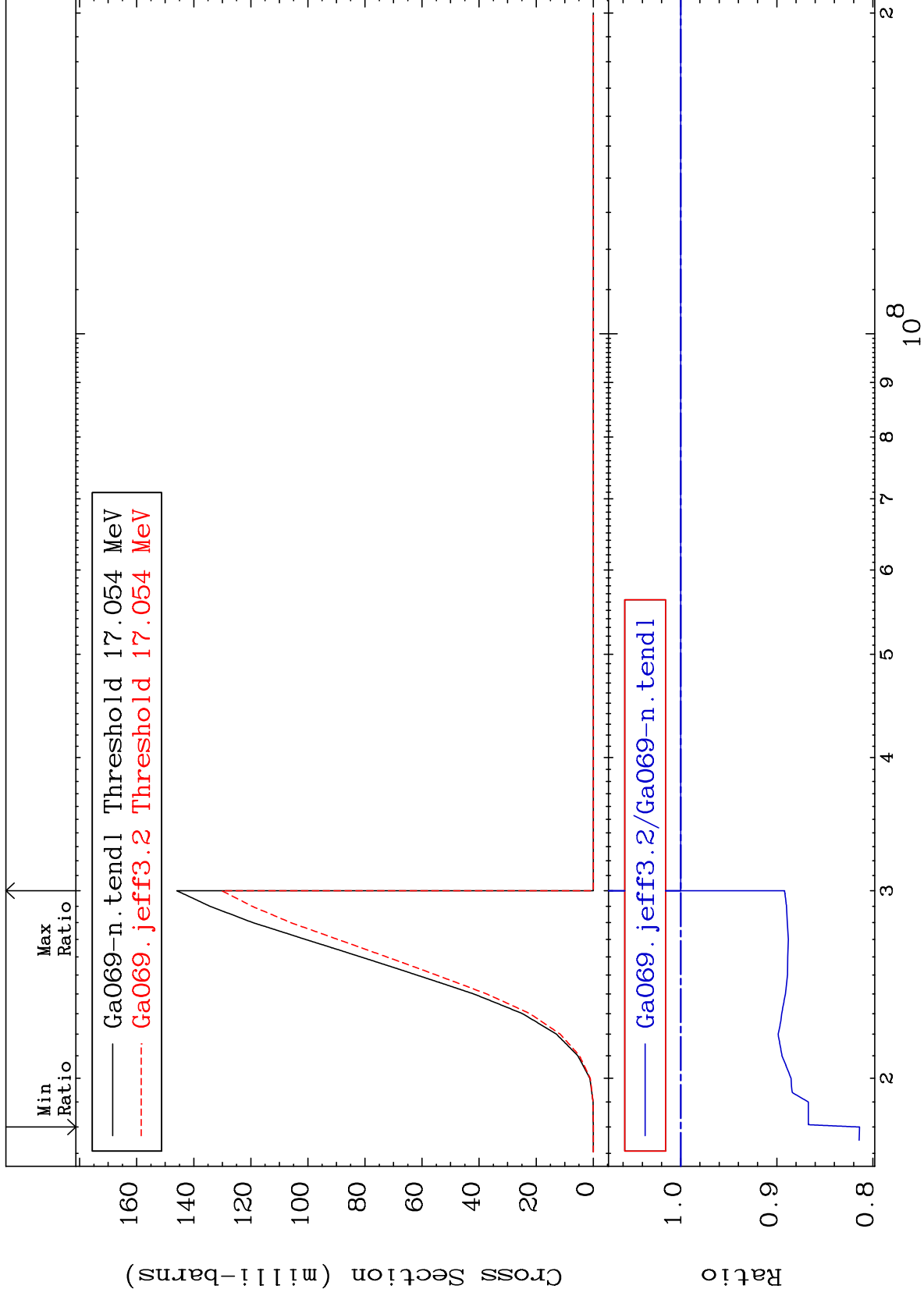
31-Ga-69
0.000 To 37.29 %



14

Incident Energy (eV)

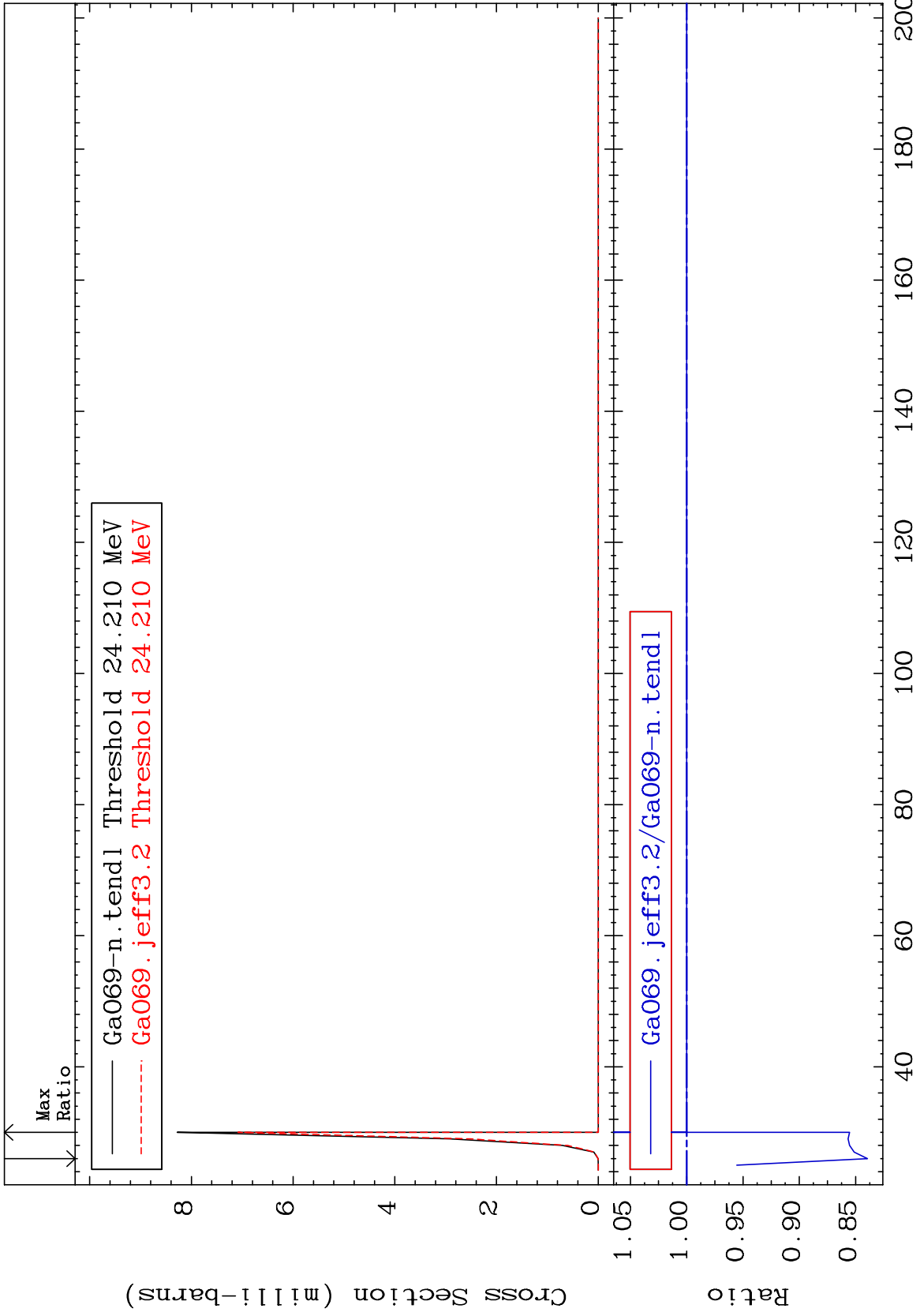
31-Ga-69



MAT 3125

(n,3n) p
Cross Section

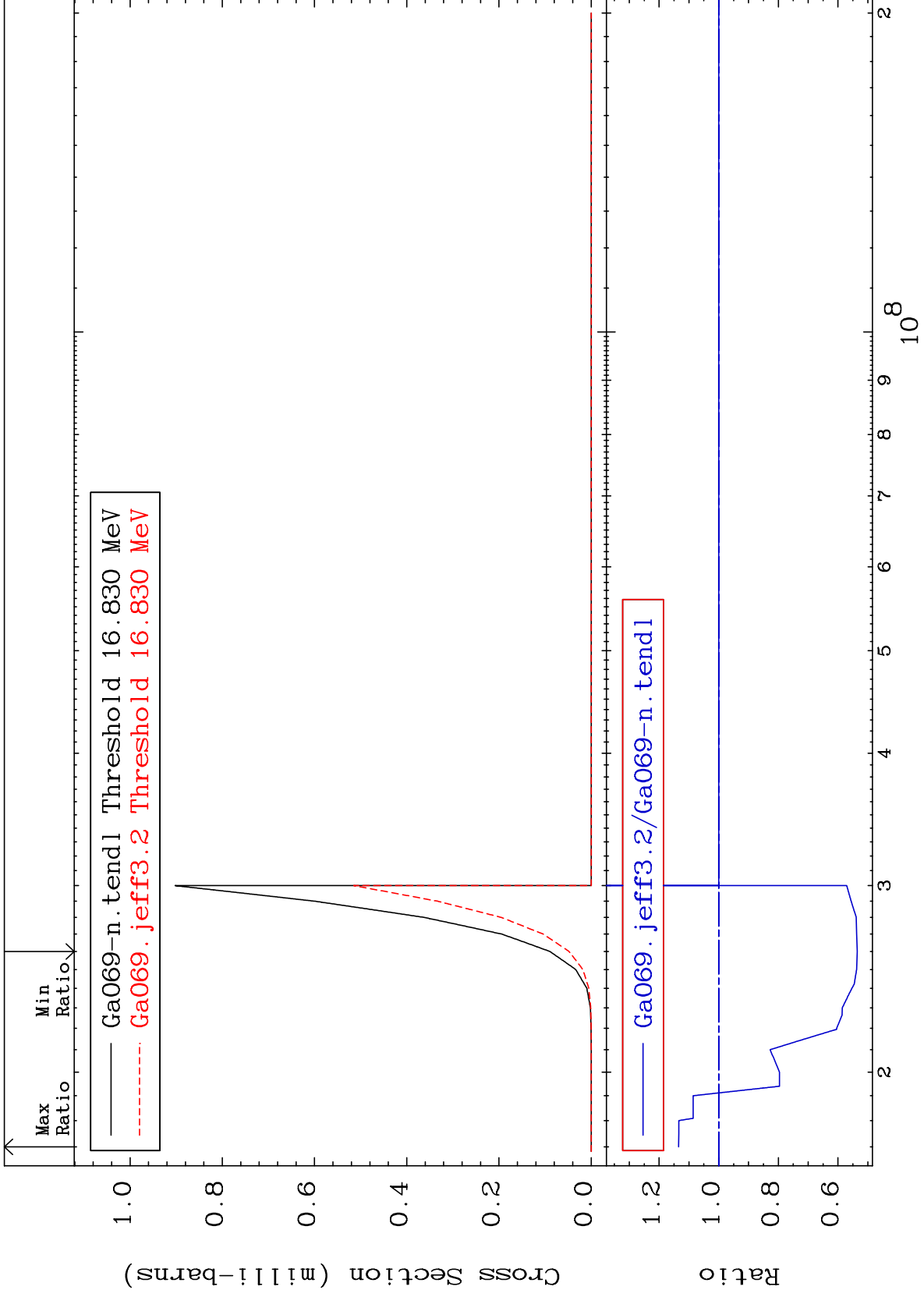
31-Ga-69
-16.05 To 0.000 %



MAT 3125

(n,2n) p
Cross Section

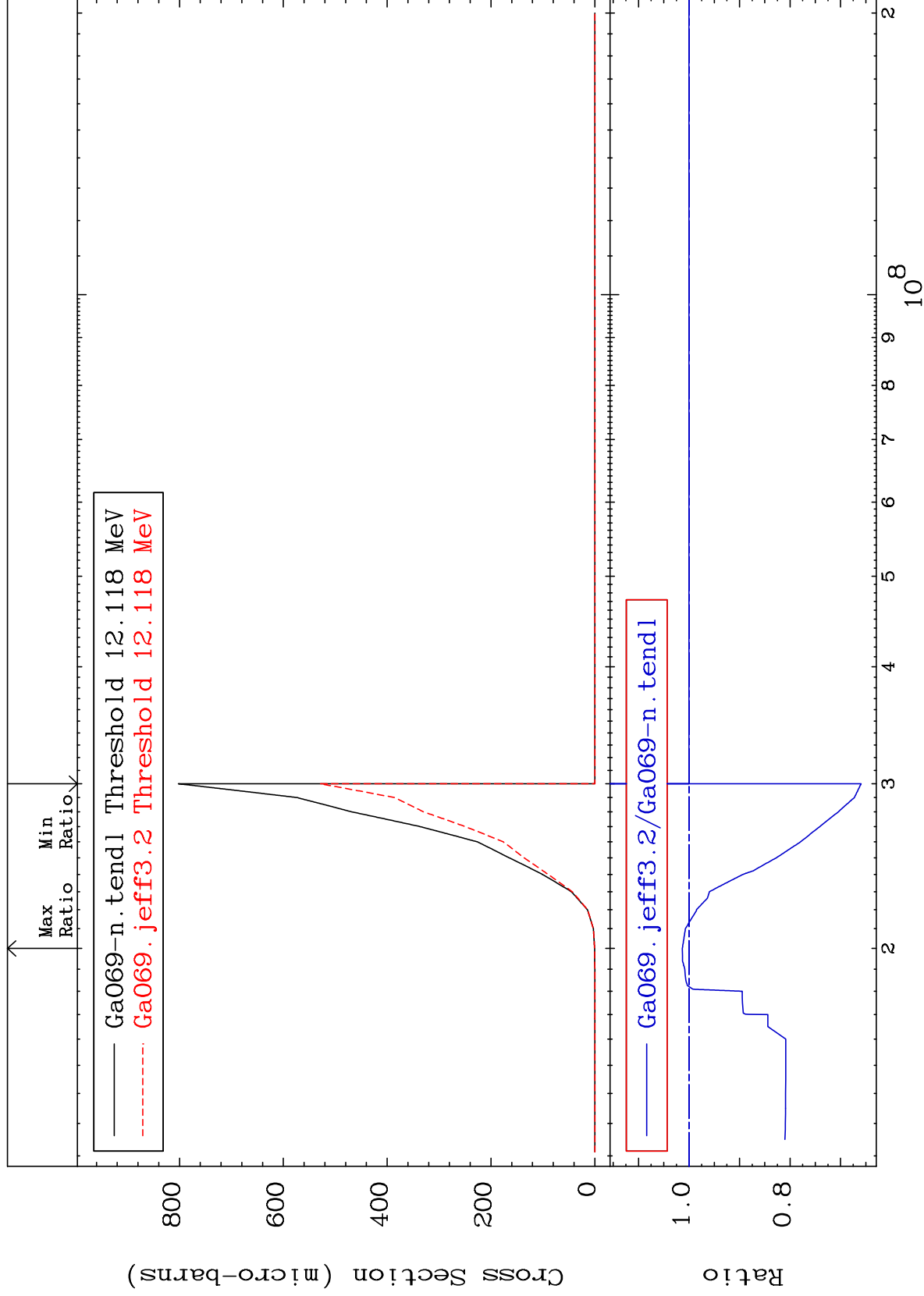
31-Ga-69
-46.48 To 13.46 %



MAT 3125

(n,n') p α
Cross Section

³¹Ga-69
-34.06 To 1.327 %



18

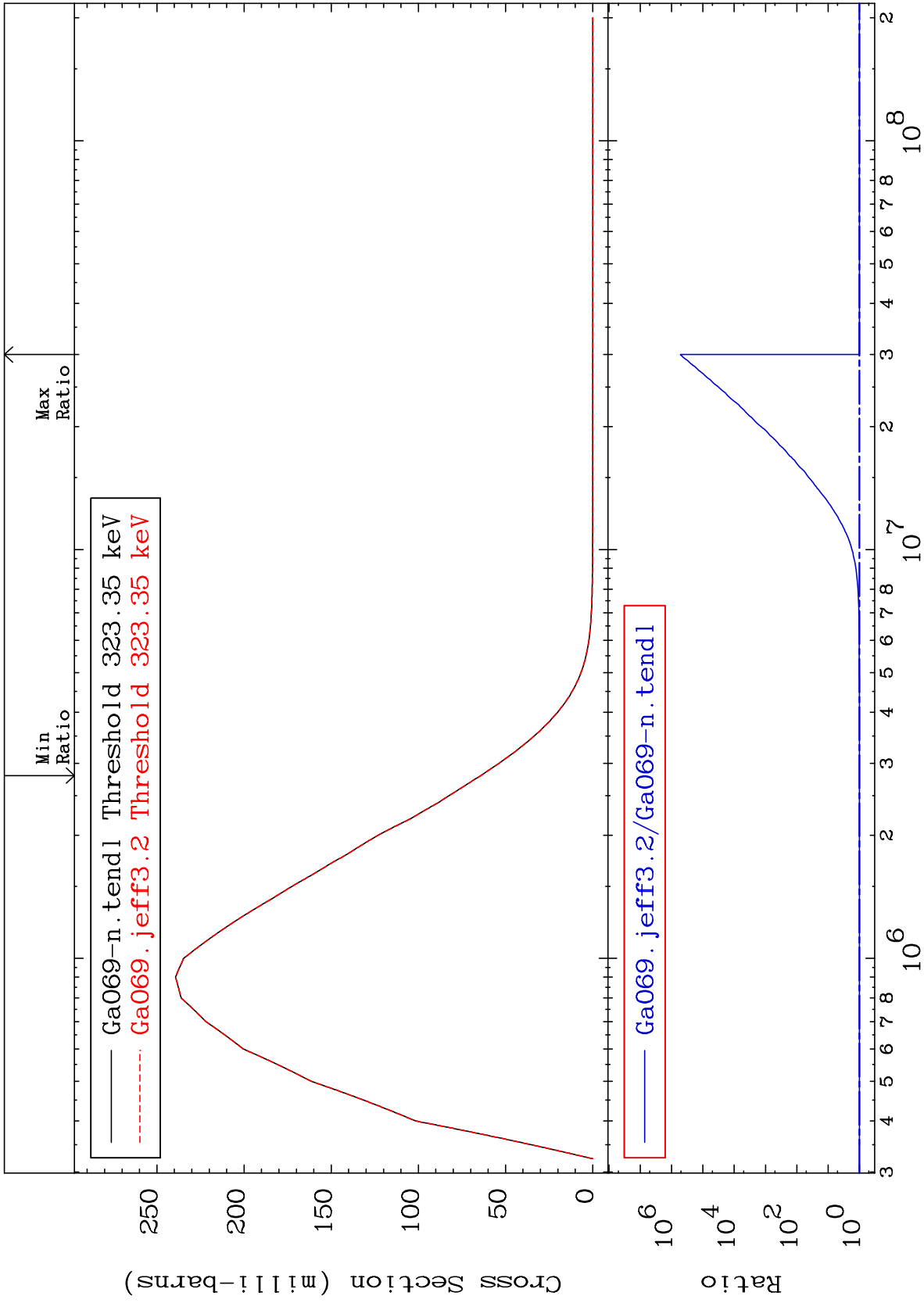
Incident Energy (eV)

³¹Ga-69

MAT 3125

318.7 keV (n,n') Level
Cross Section

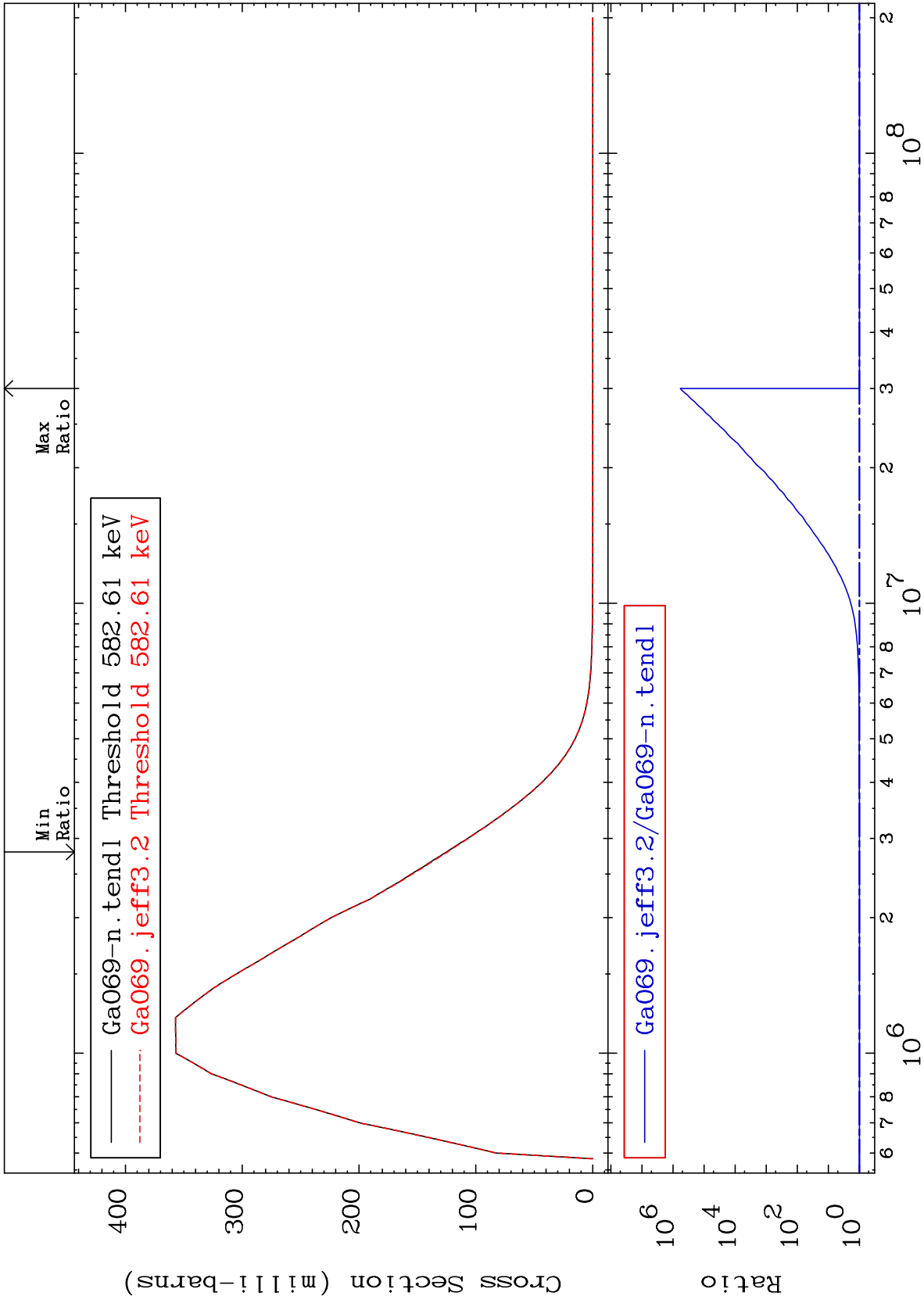
31-Ga-69
-0.154 To 9999. %



MAT 3125

574.2 keV (n,n') Level
Cross Section

31-Ga-69
-0.633 To 9999. %



20

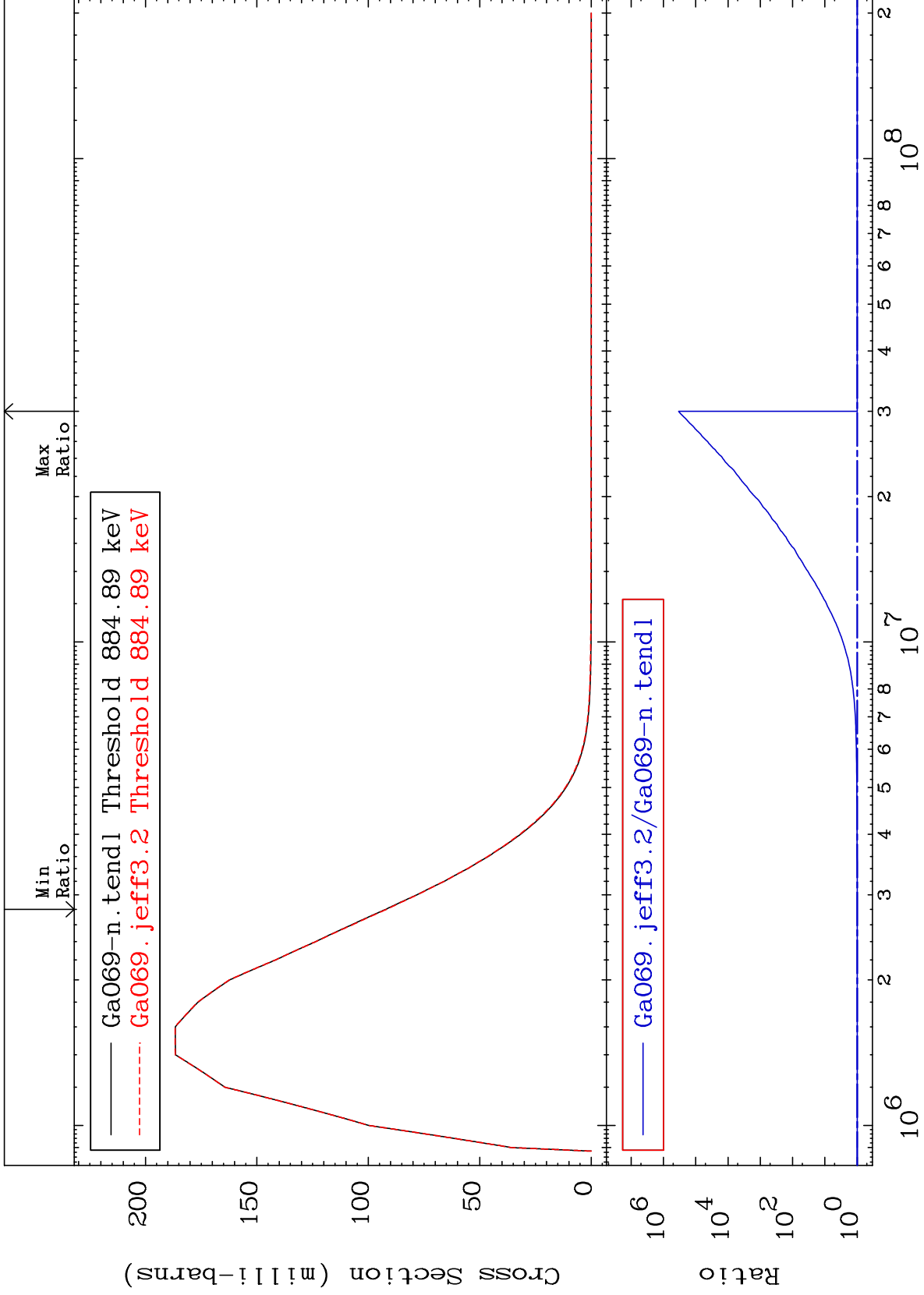
Incident Energy (eV)

31-Ga-69

MAT 3125

872.1 keV (n,n') Level
Cross Section

31-Ga-69
-0.413 To 9999. %



21

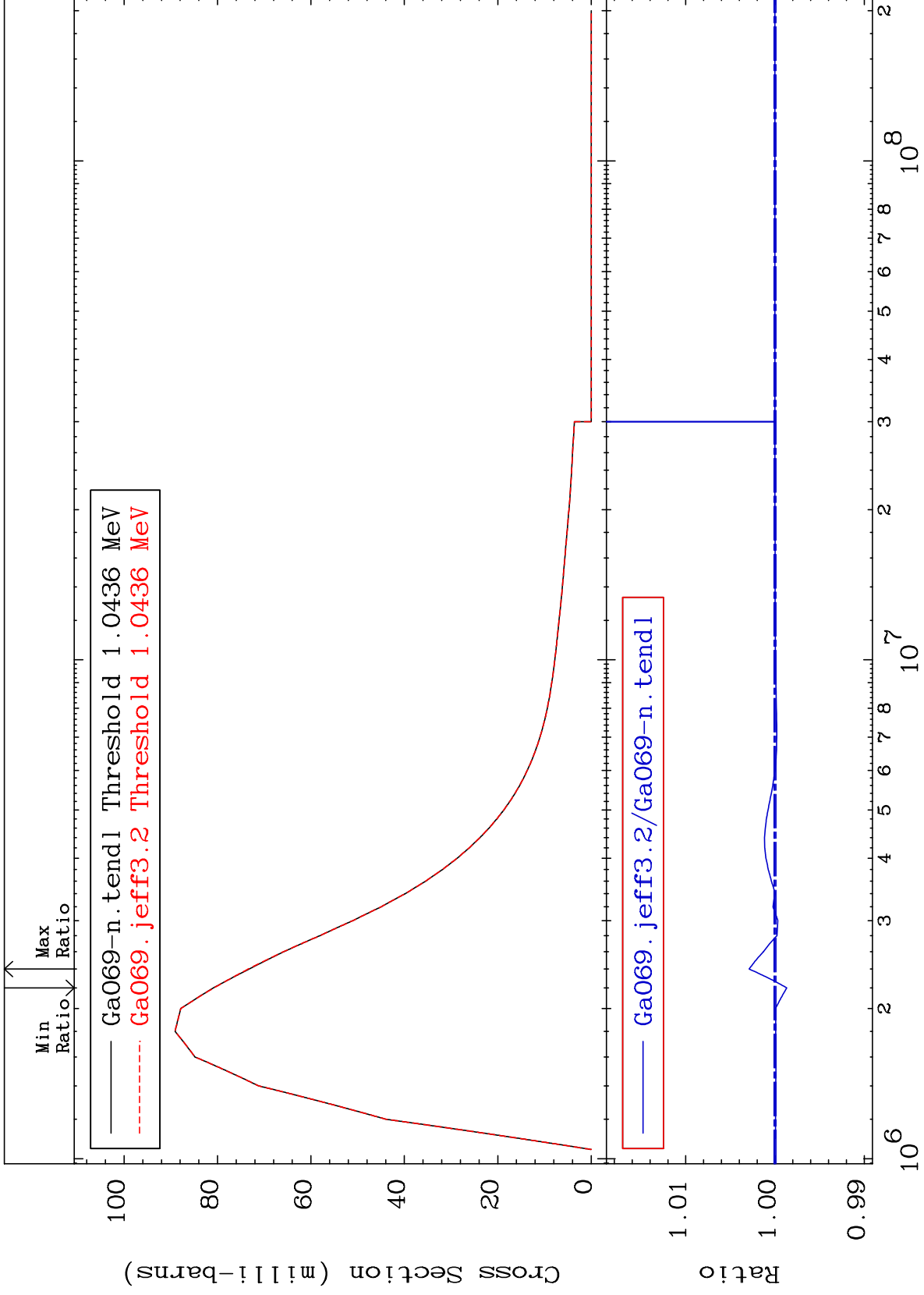
Incident Energy (eV)

31-Ga-69

MAT 3125

1.029 MeV (n,n') Level
Cross Section

31-Ga-69
-0.132 To 0.290 %



22

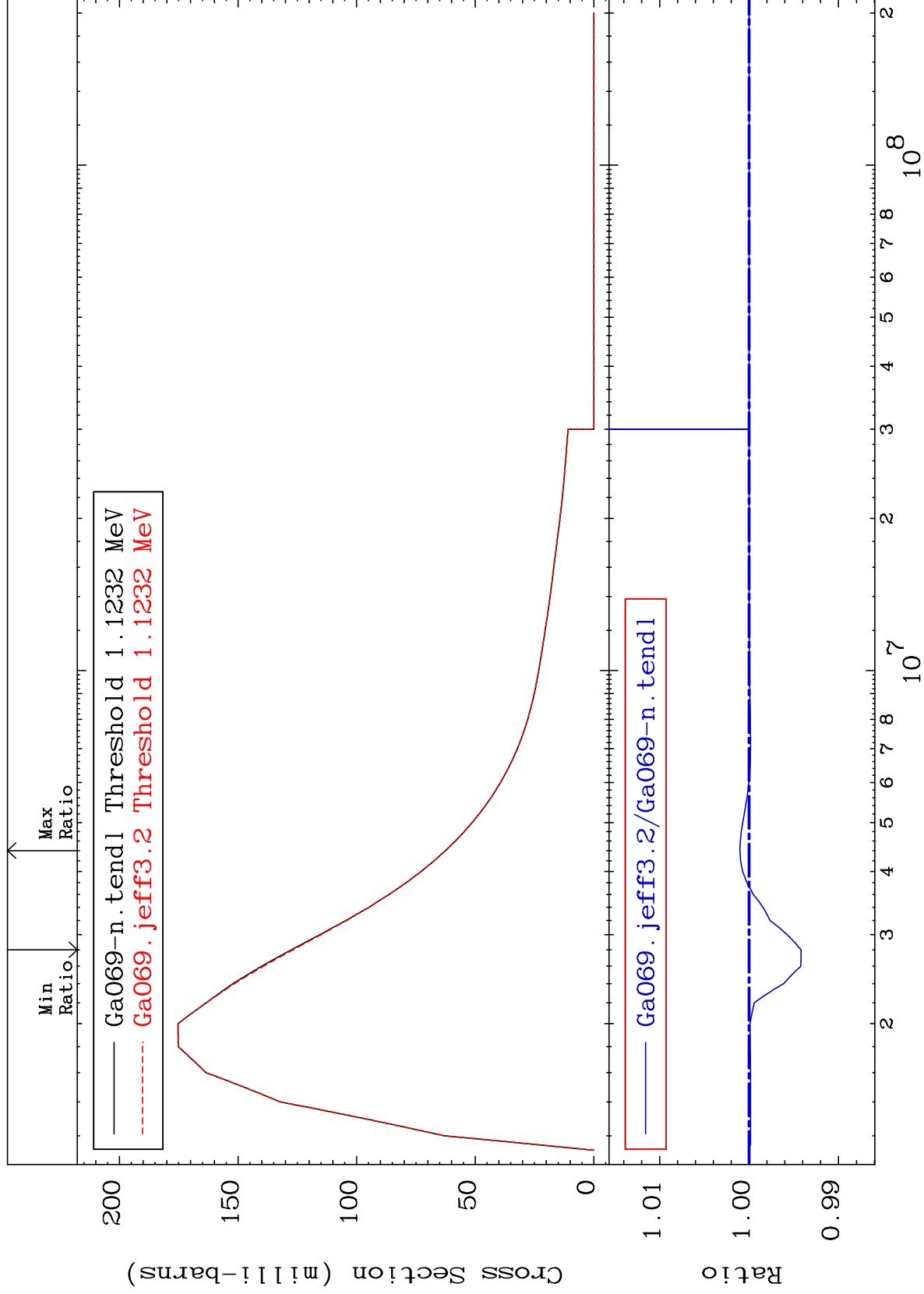
Incident Energy (eV)

31-Ga-69

MAT 3125

1.107 MeV (n,n') Level
Cross Section

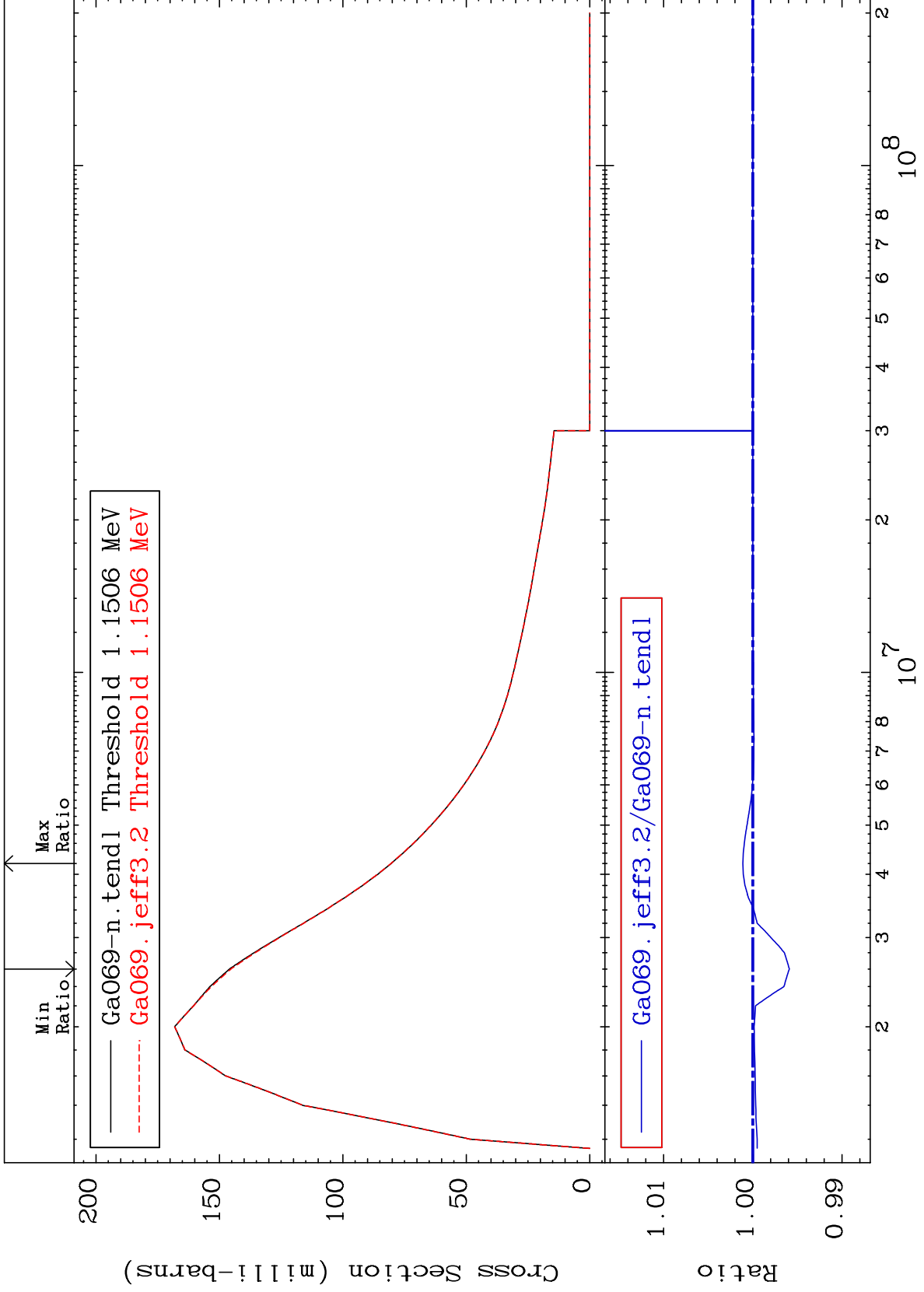
31-Ga-69
-0.580 To 0.103 %

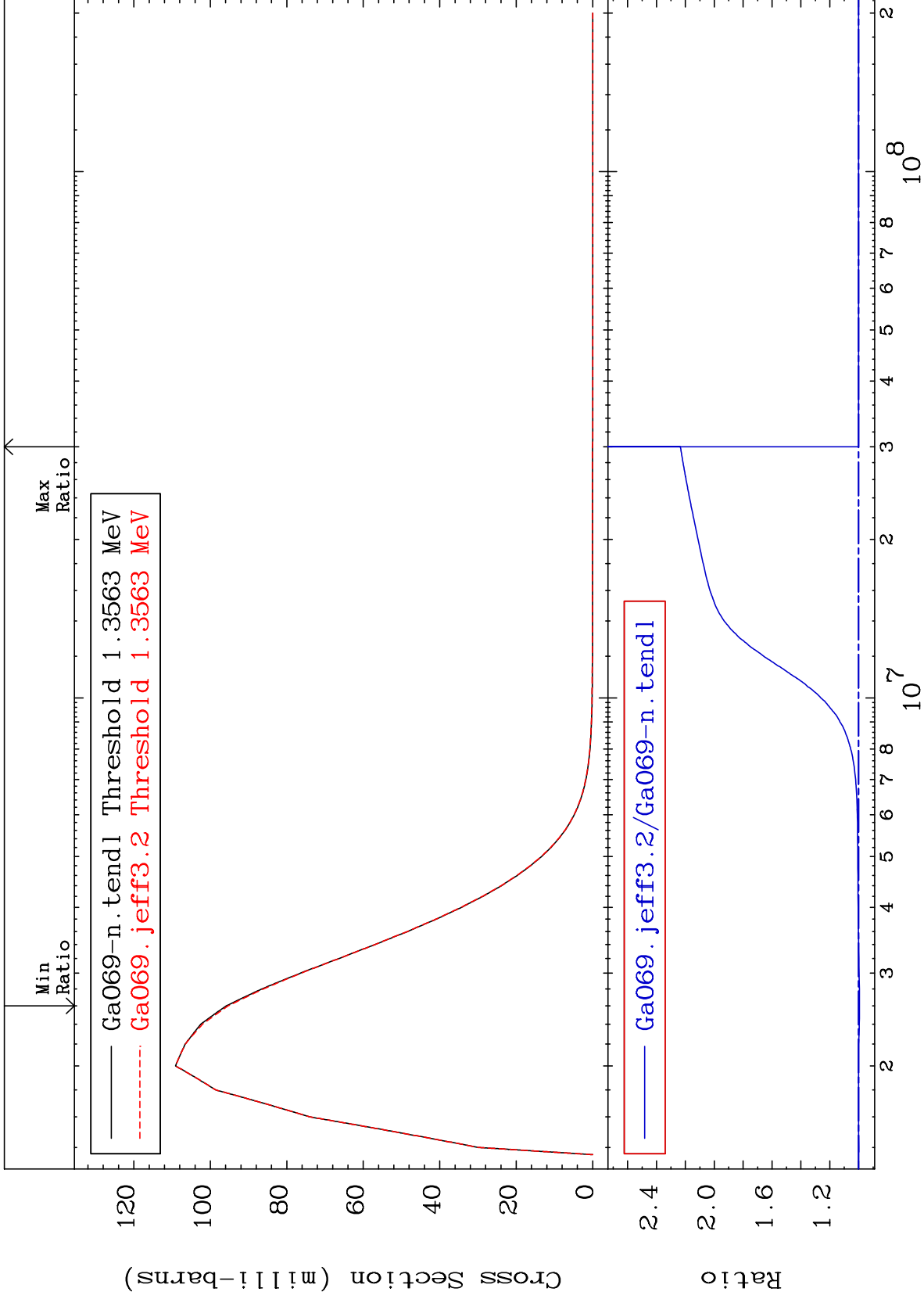


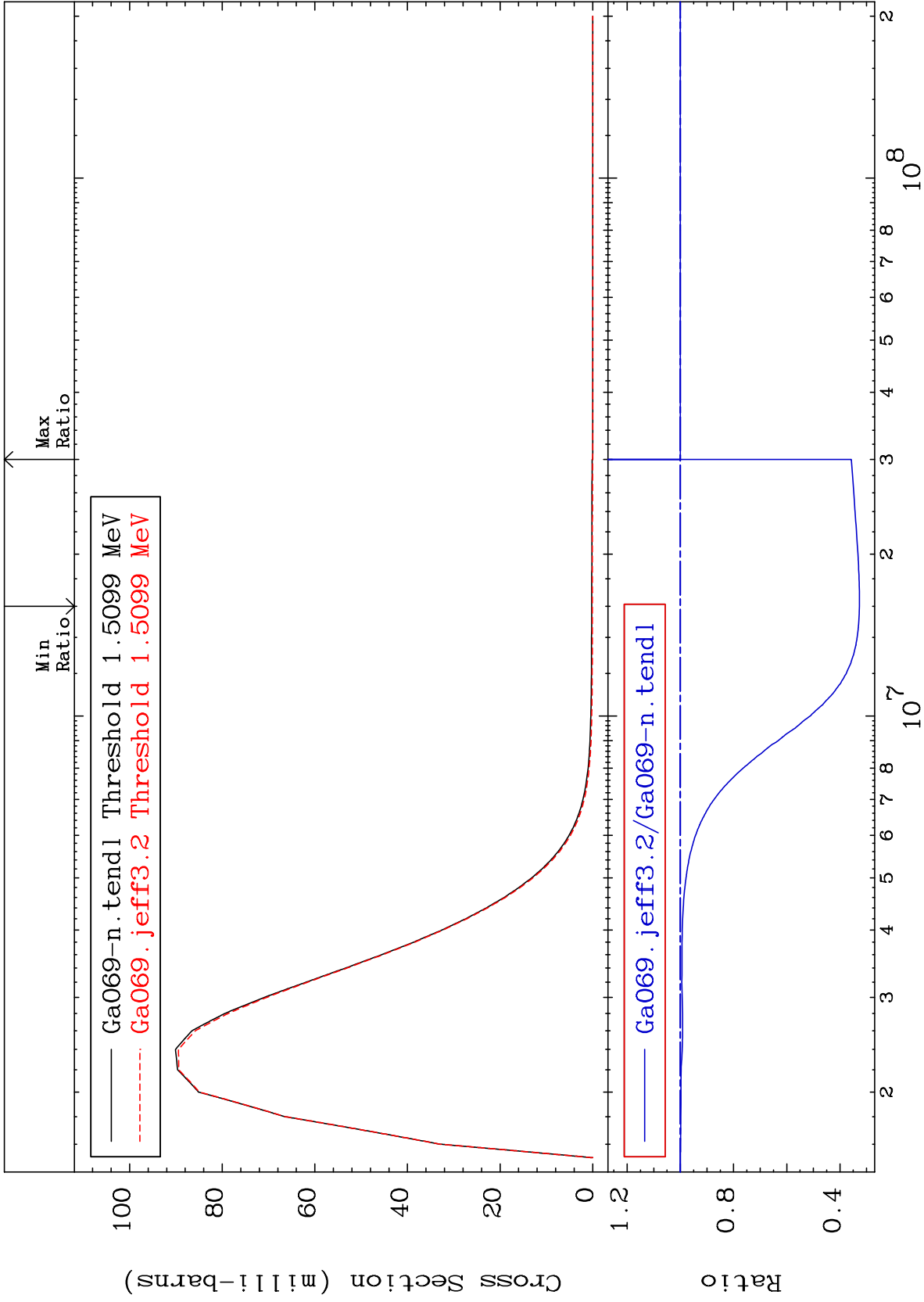
MAT 3125

1.134 MeV (n,n') Level
Cross Section

31-Ga-69
-0.408 To 0.113 %







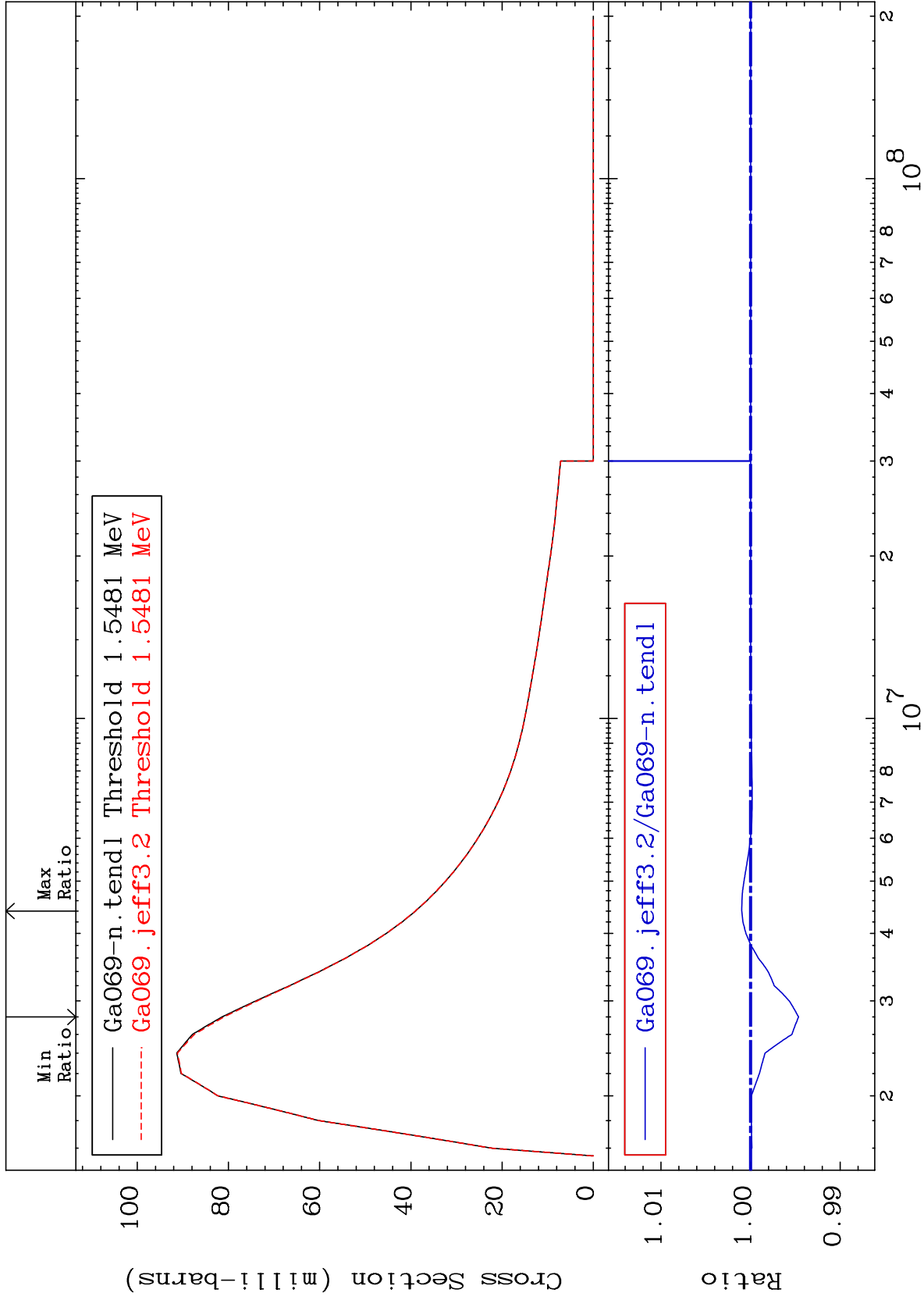
MAT 3125

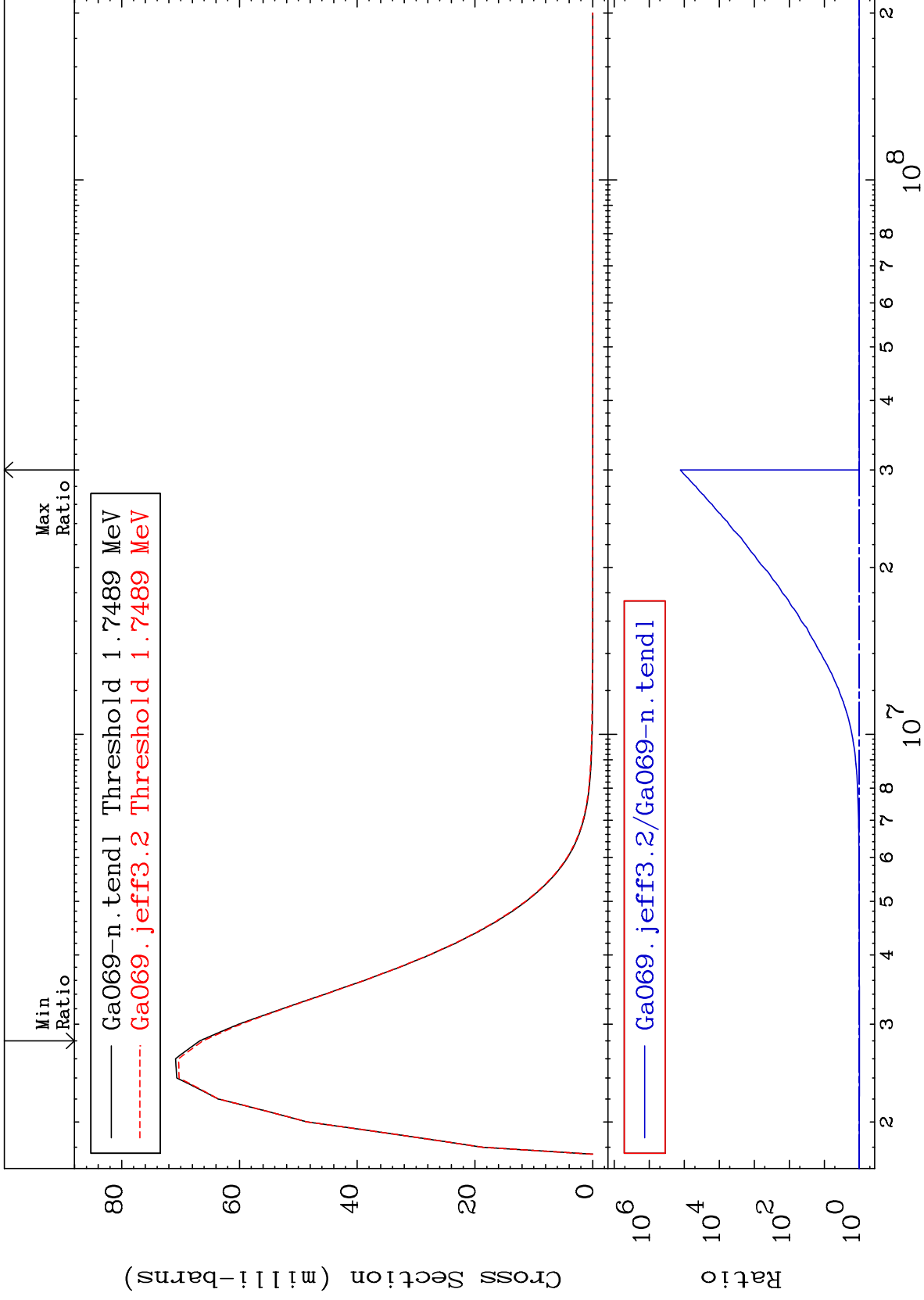
1.526 MeV (n,n') Level

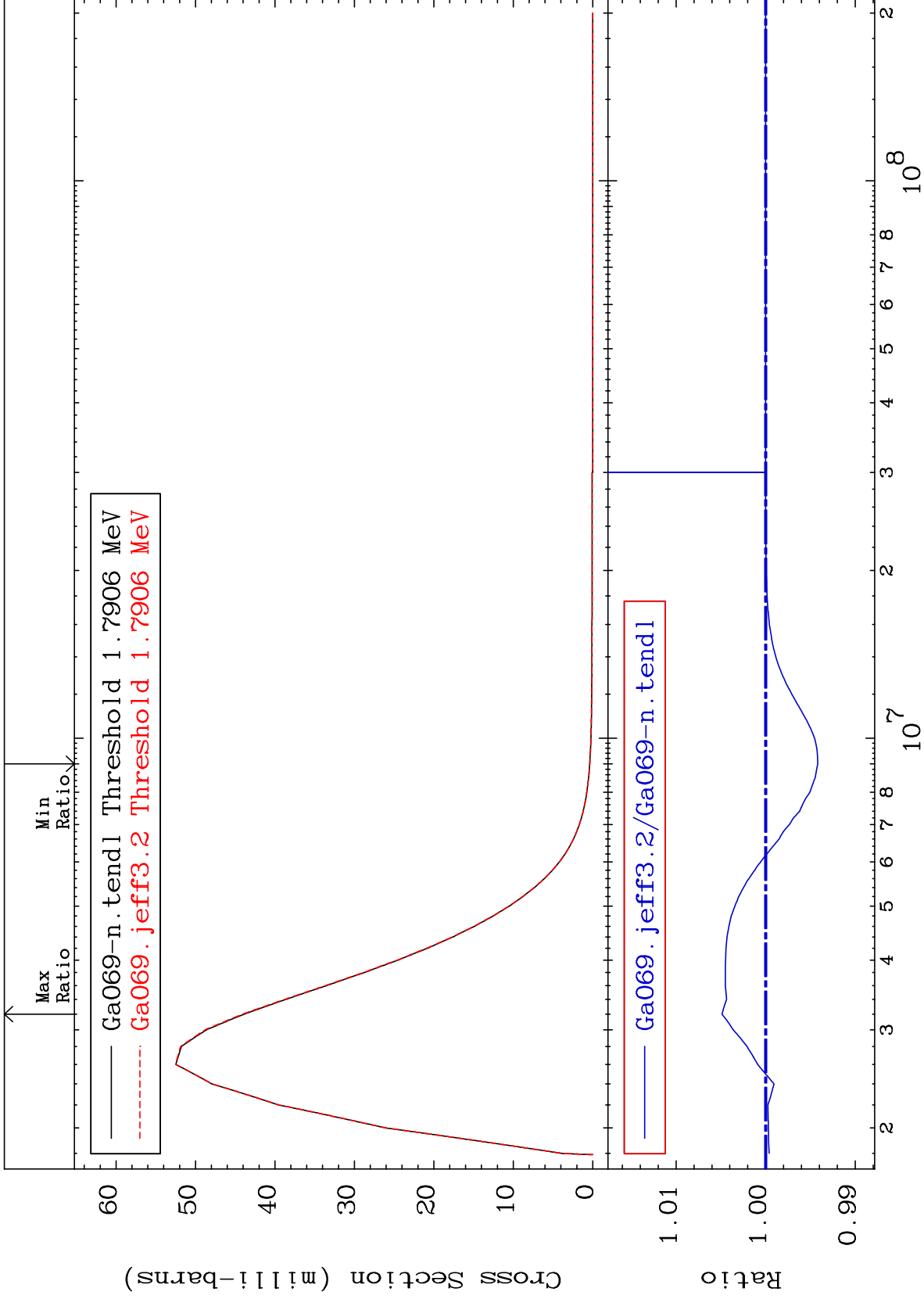
31-Ga-69

-0.536 To 0.098 %

Cross Section







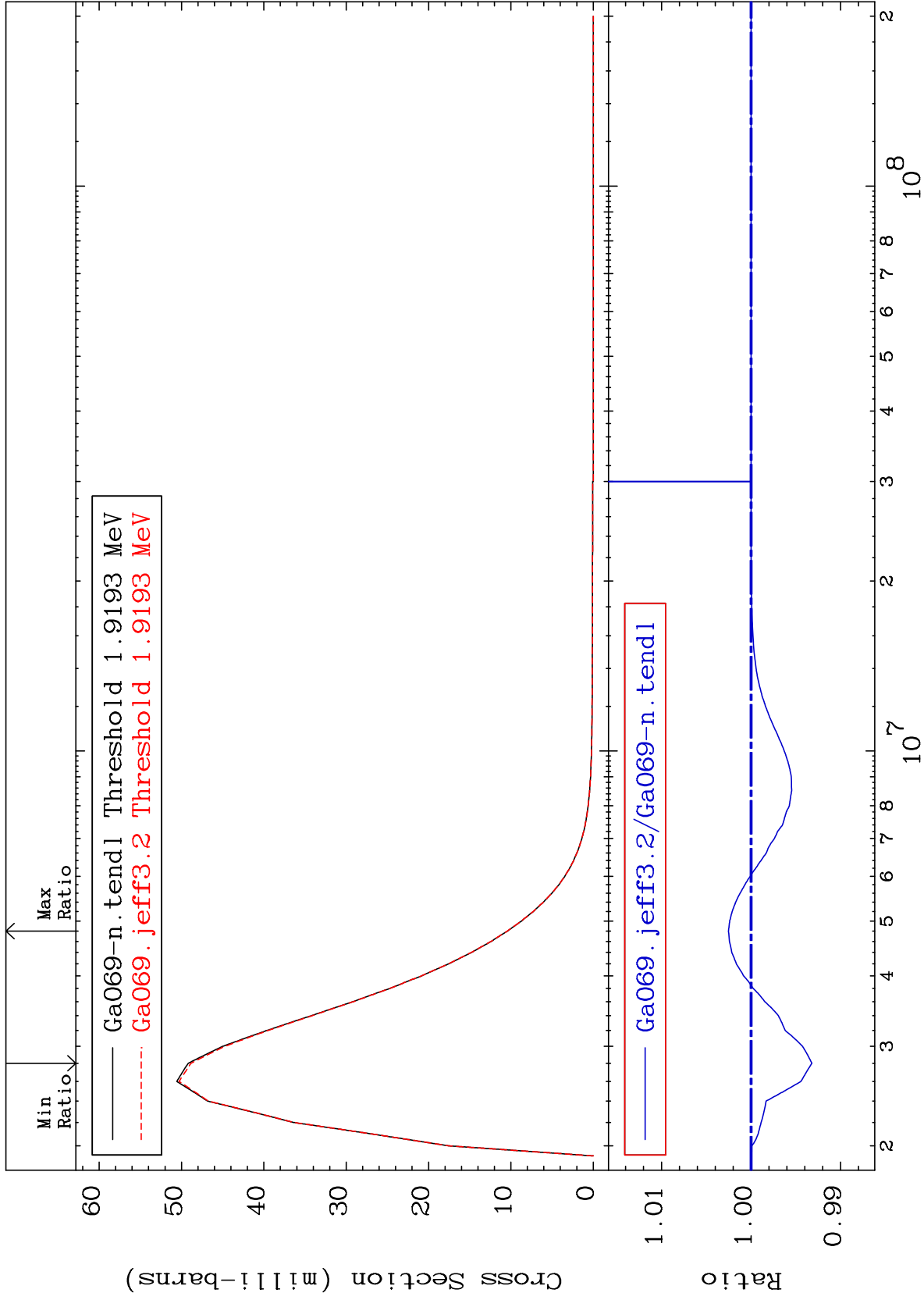
MAT 3125

1.892 MeV (n,n') Level

31-Ga-69

-0.679 To 0.253 %

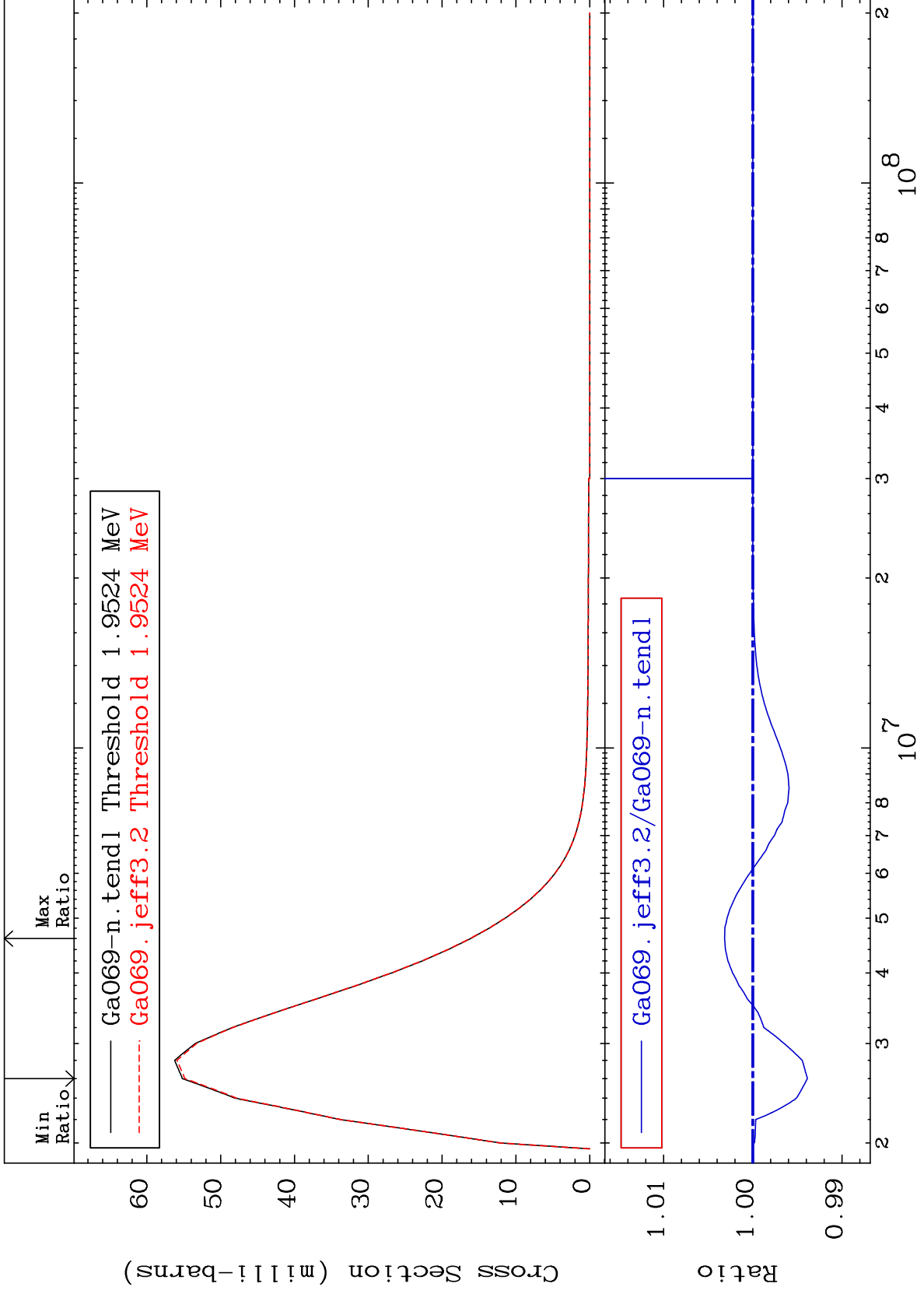
Cross Section



MAT 3125

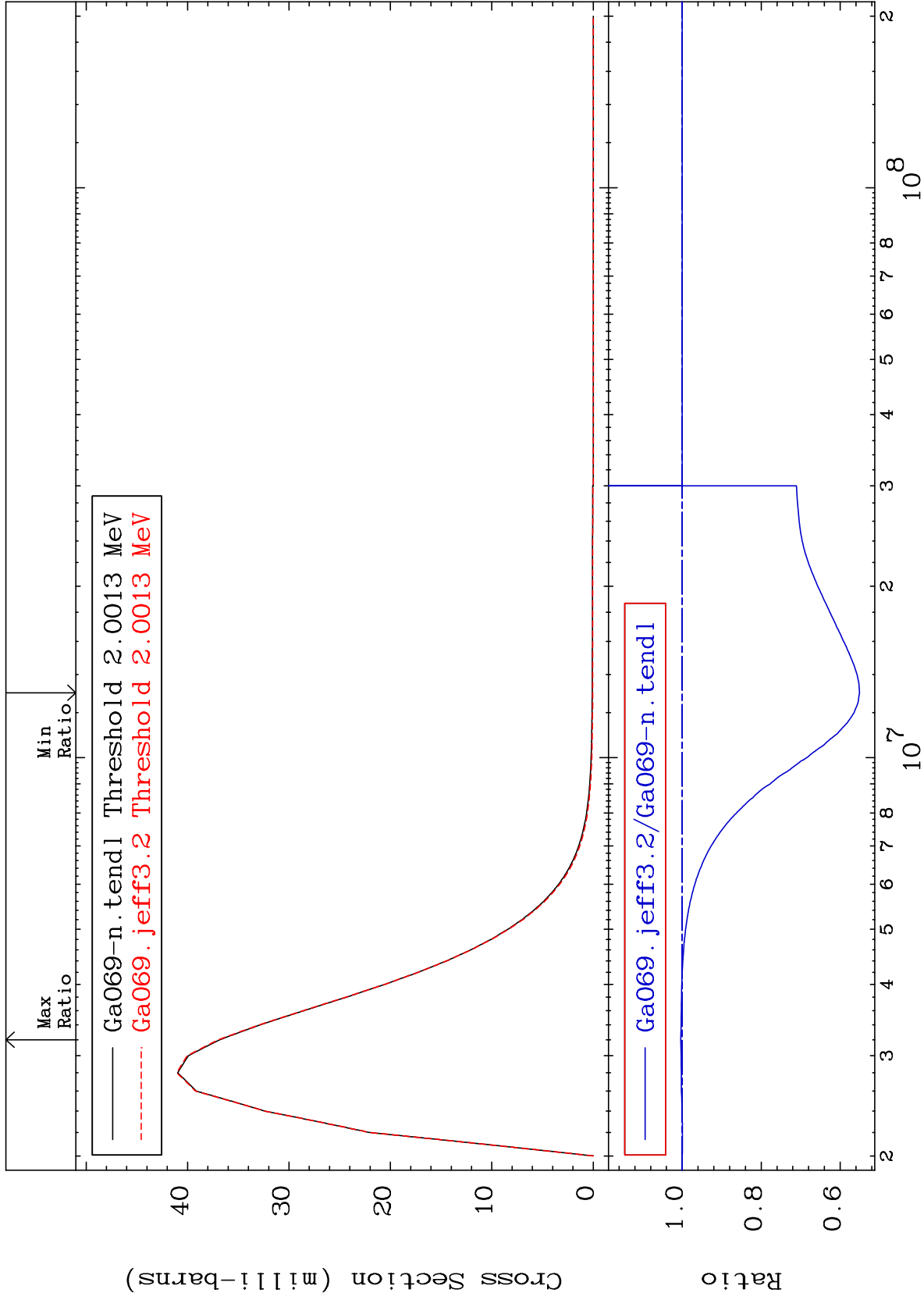
1.924 MeV (n,n') Level
Cross Section

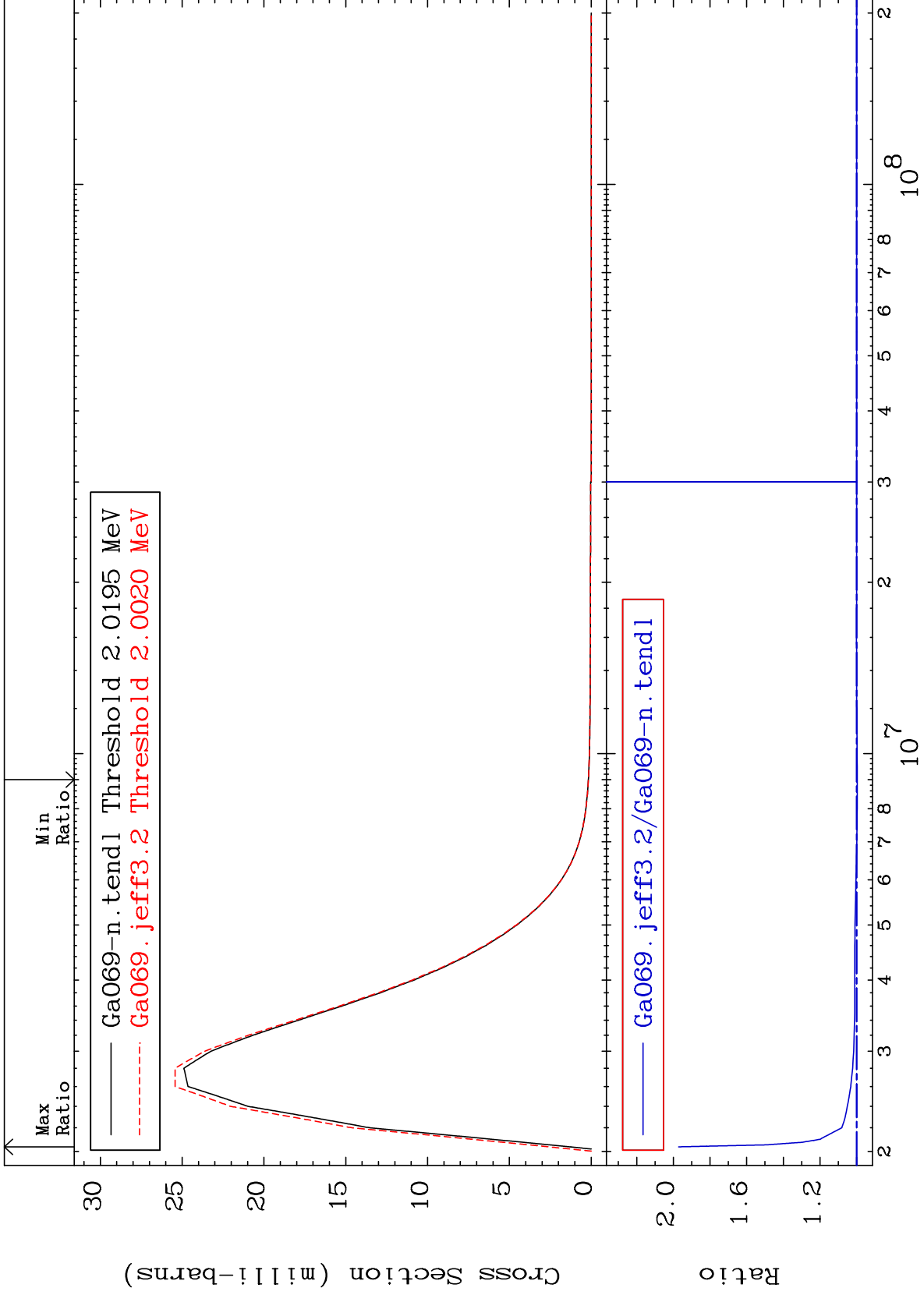
31-Ga-69
-0.611 To 0.316 %



-44.90 To 0.371 %

Cross Section

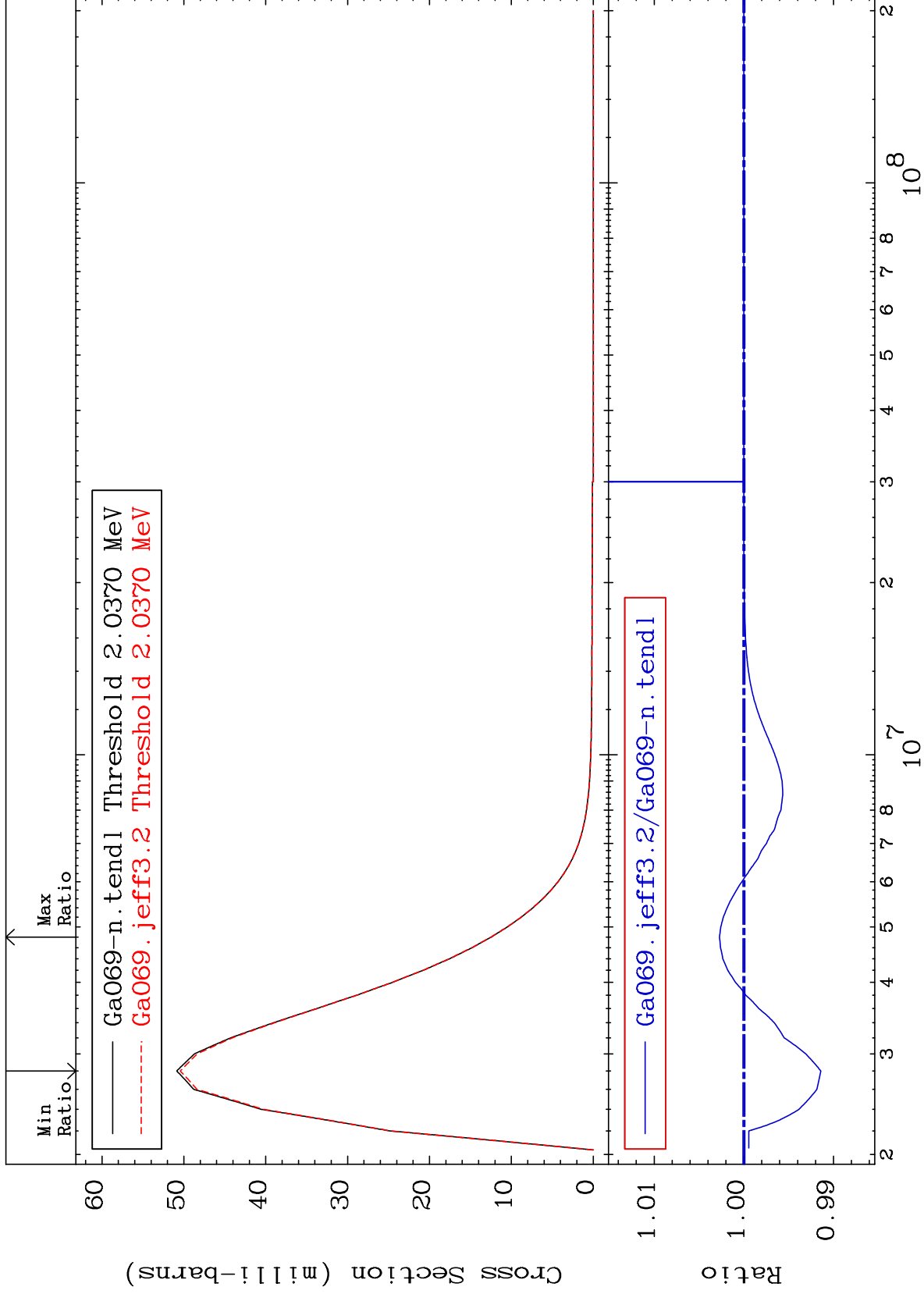


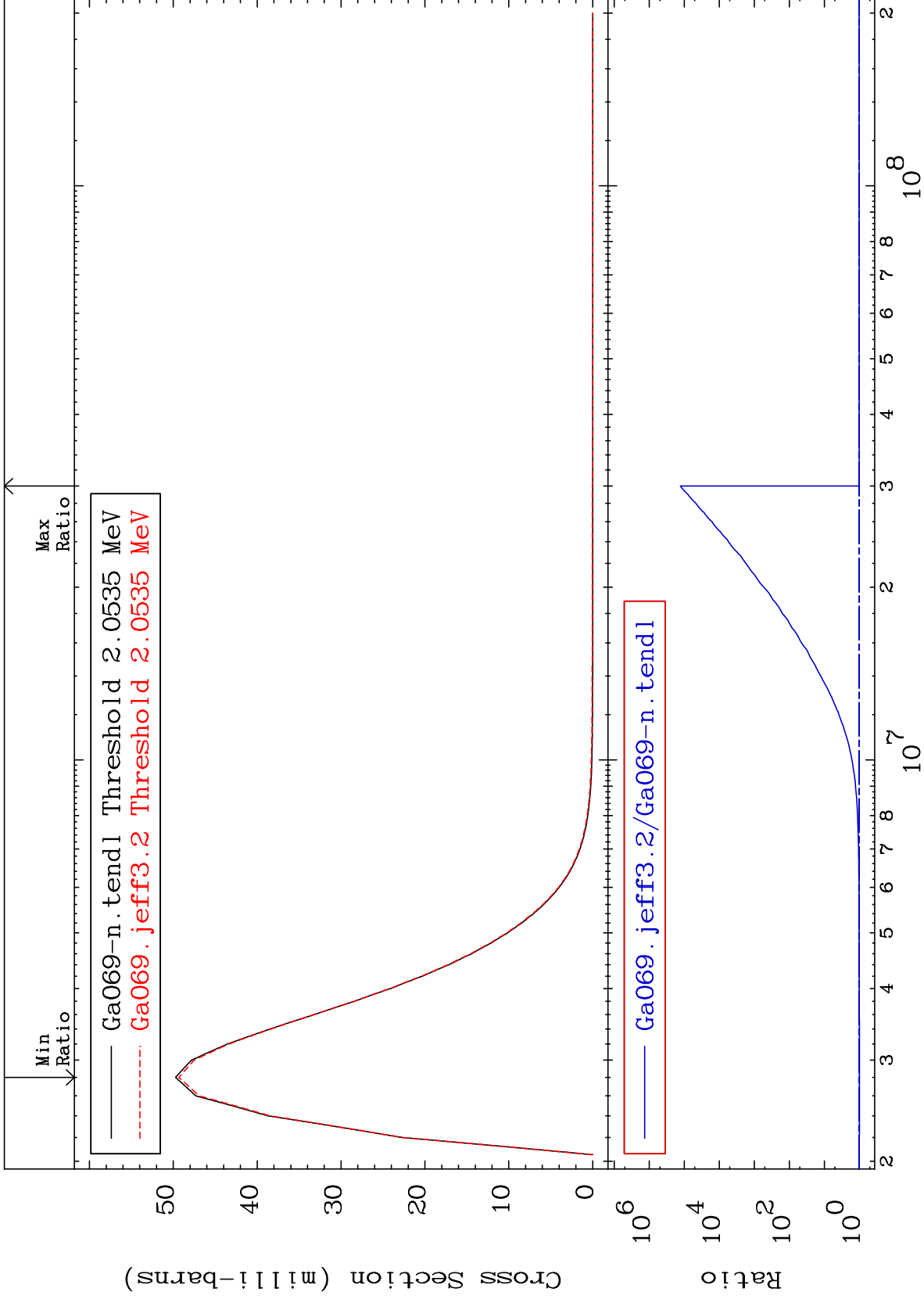


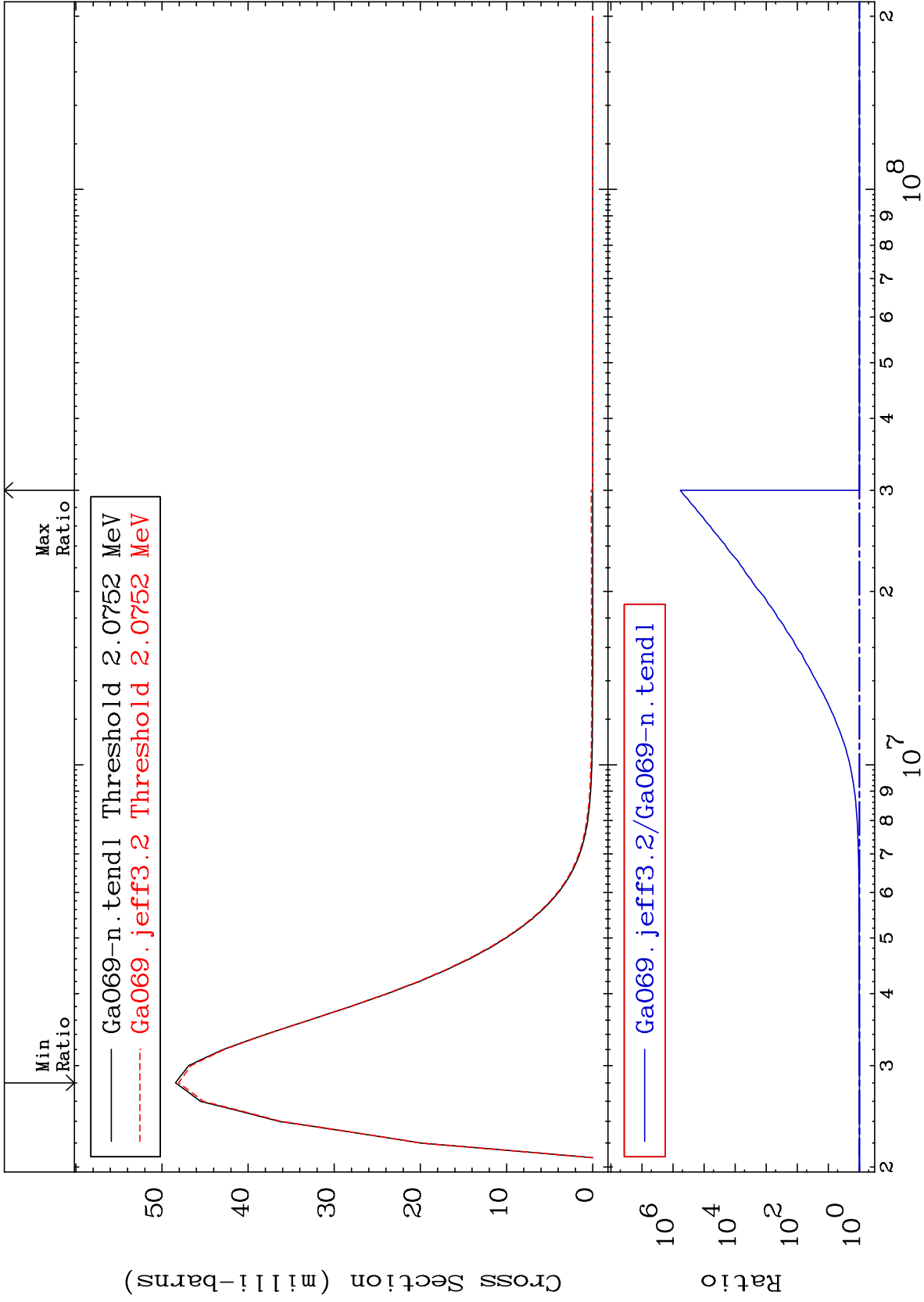
MAT 3125

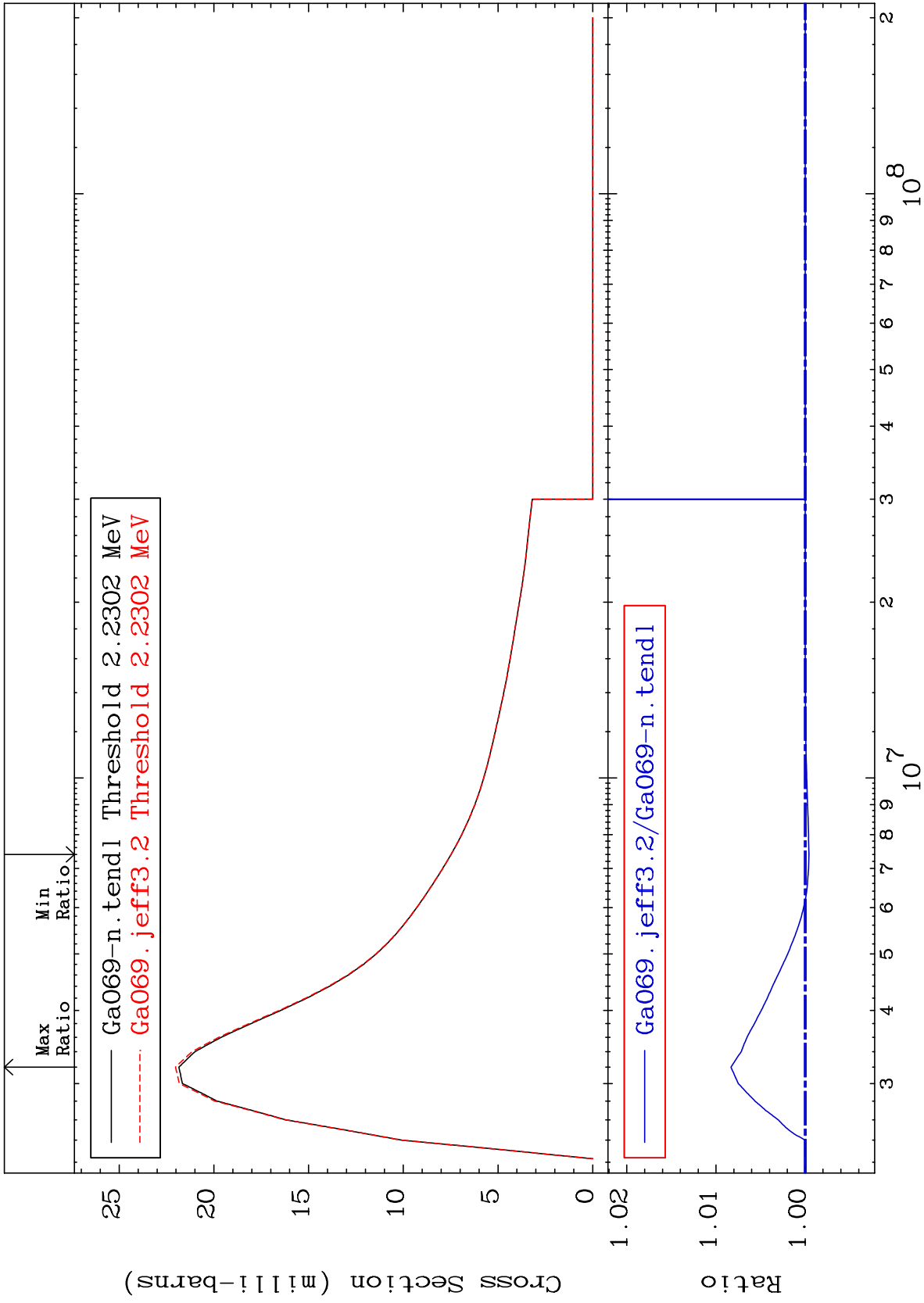
2.008 MeV (n,n') Level
Cross Section

31-Ga-69
-0.859 To 0.272 %





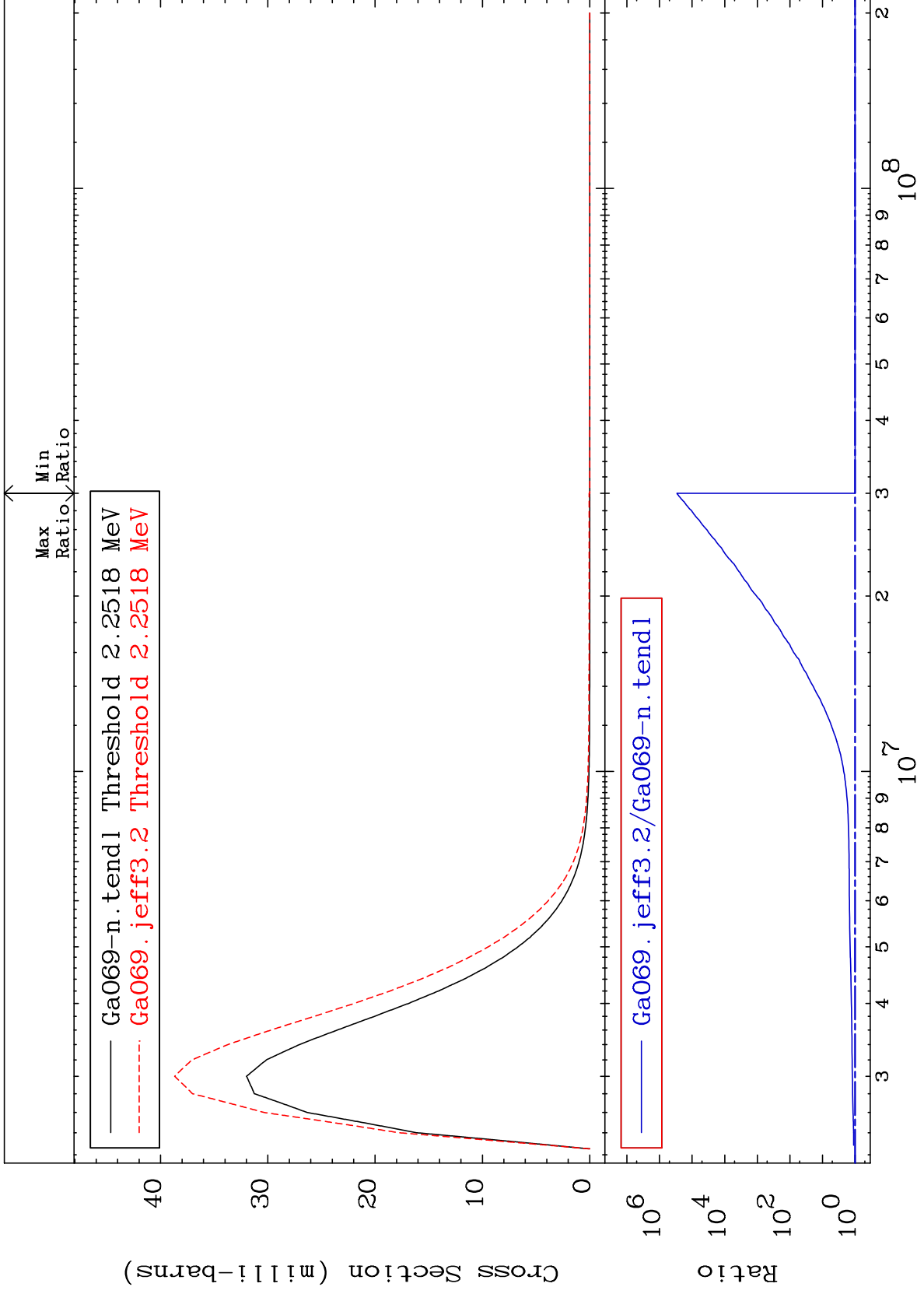


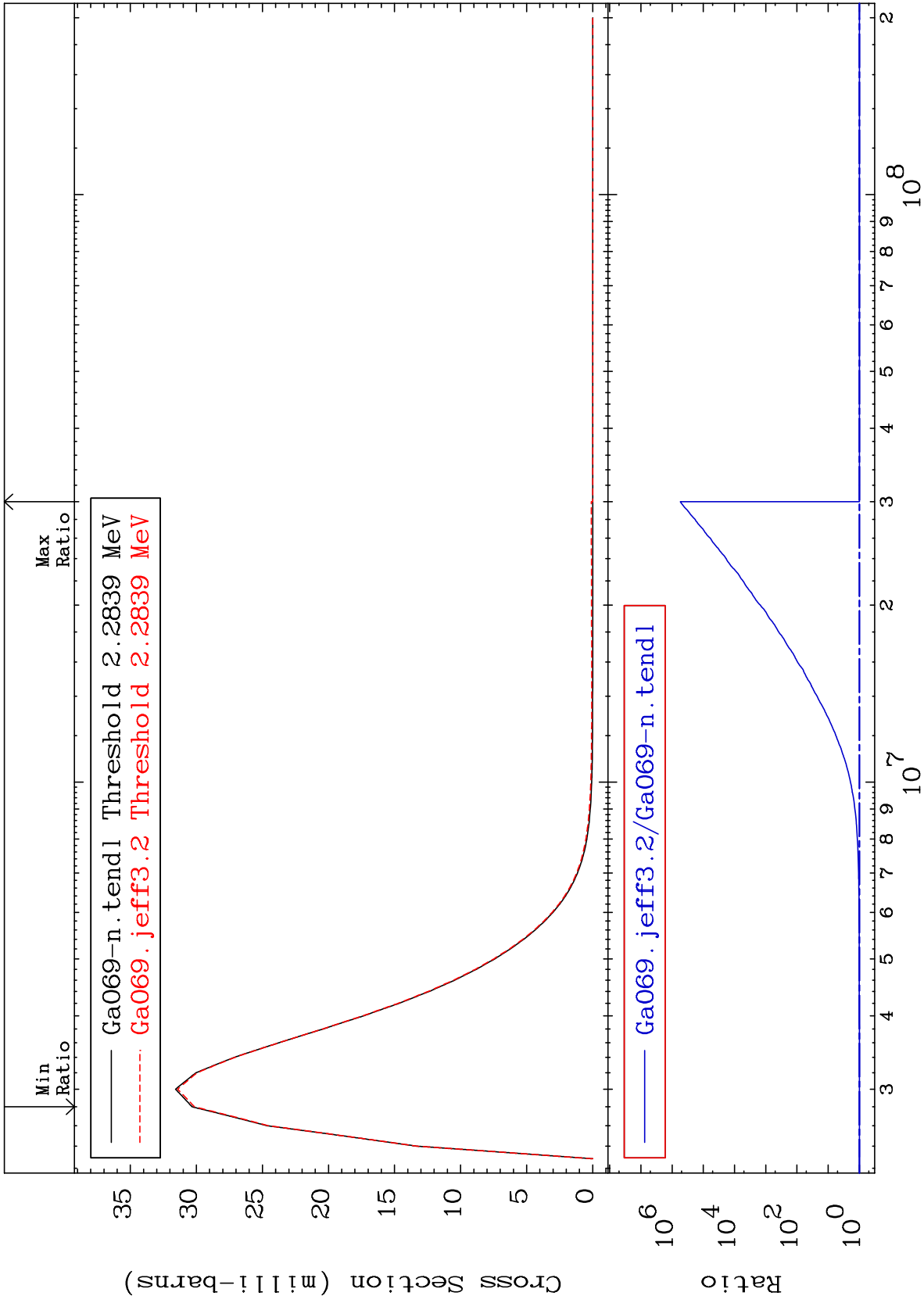


MAT 3125

2.219 MeV (n,n') Level
Cross Section

31-Ga-69
0.000 To 9999. %





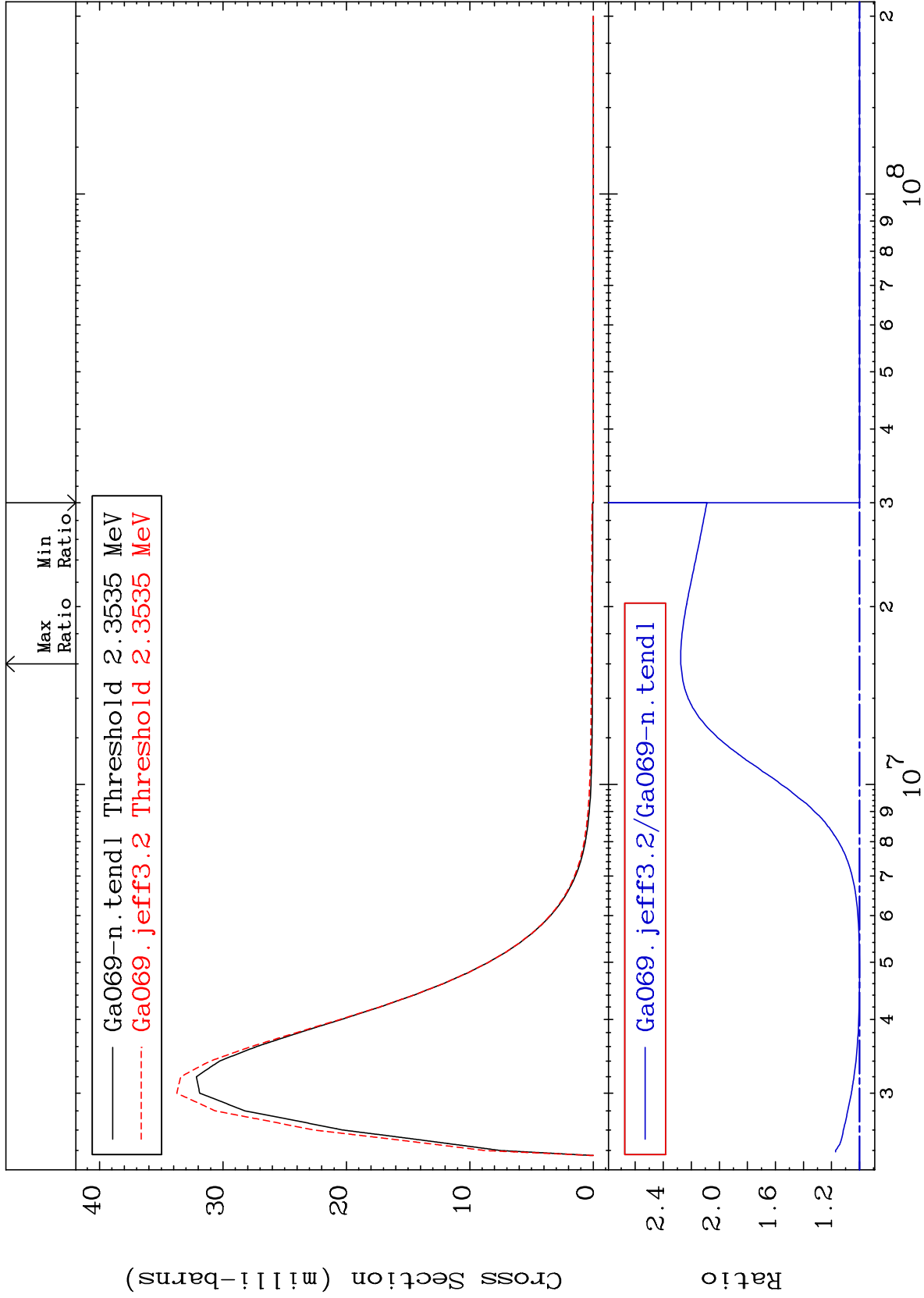
MAT 3125

2.320 MeV (n,n') Level

31-Ga-69

0.000 To 127.5 %

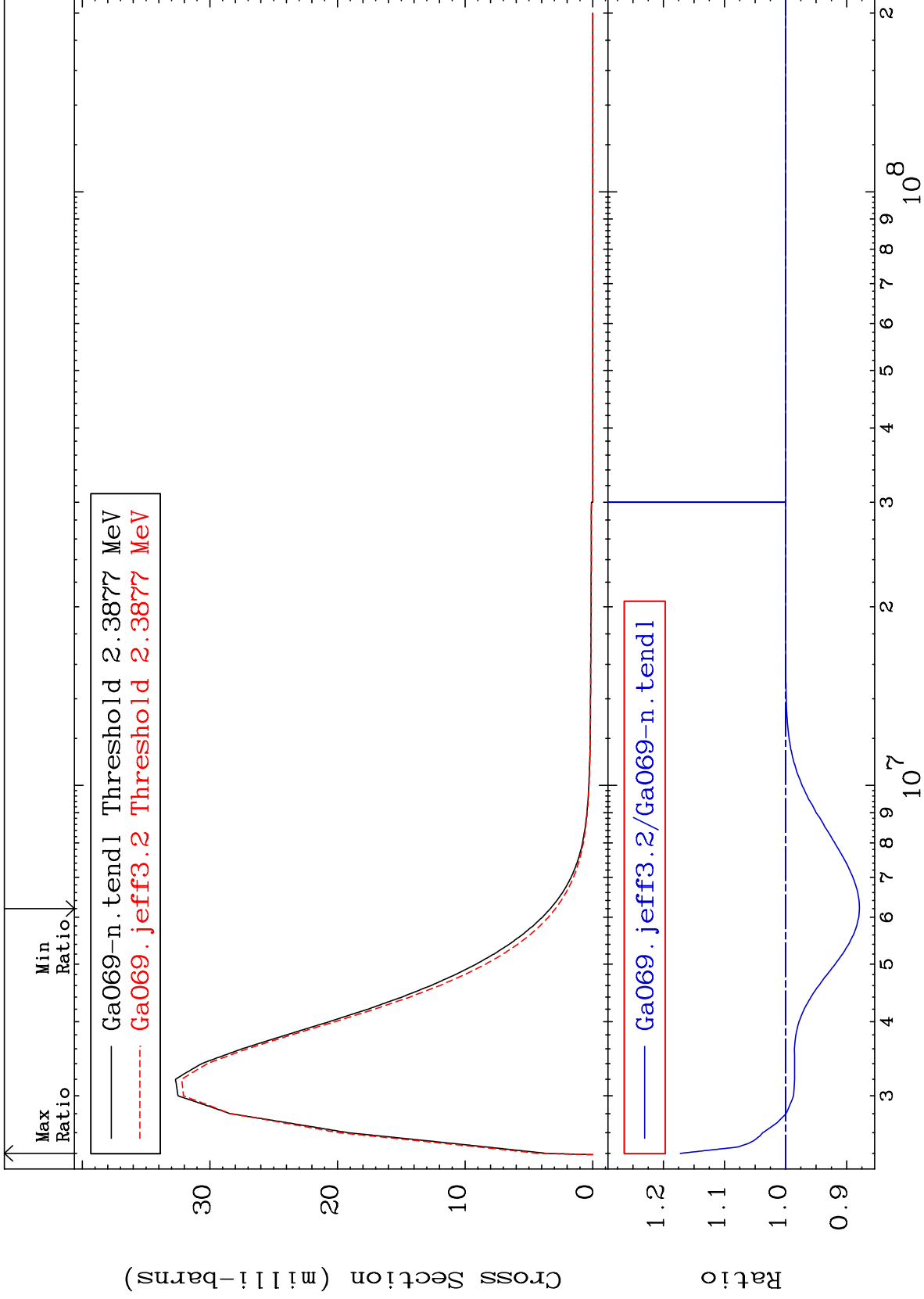
Cross Section



40

Incident Energy (eV)

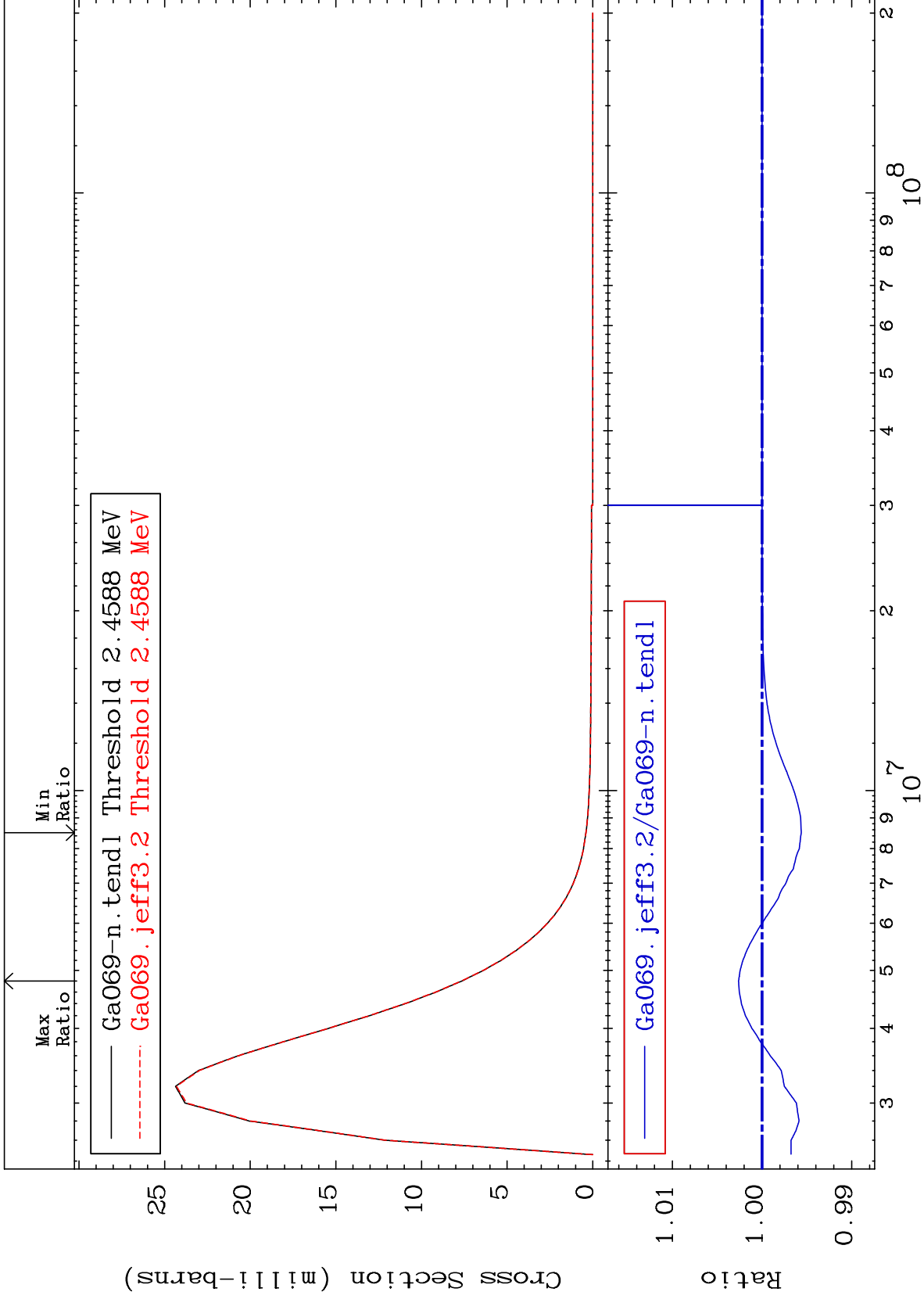
31-Ga-69

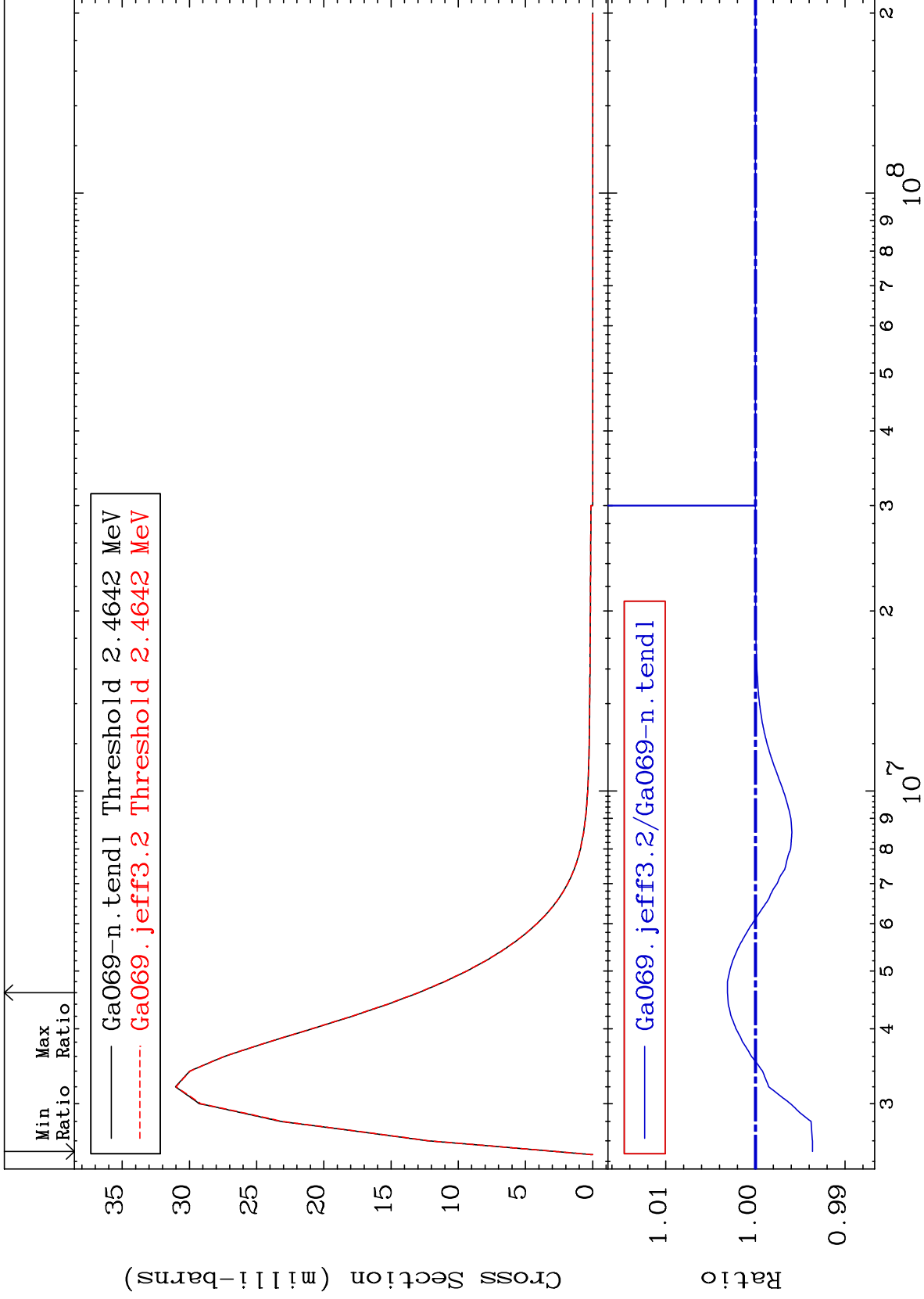


MAT 3125

2.423 MeV (n,n') Level
Cross Section

31-Ga-69
-0.437 To 0.263 %

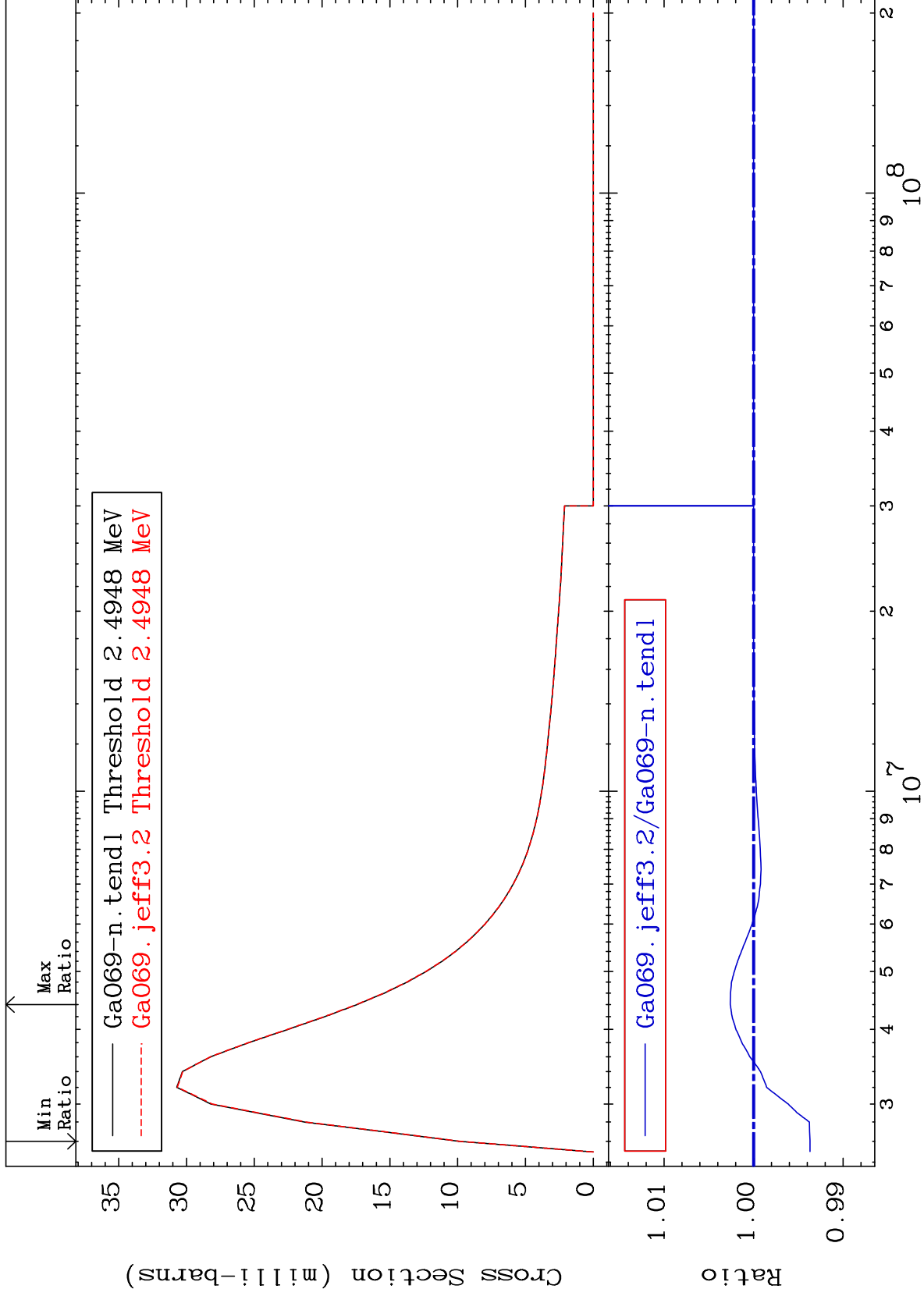


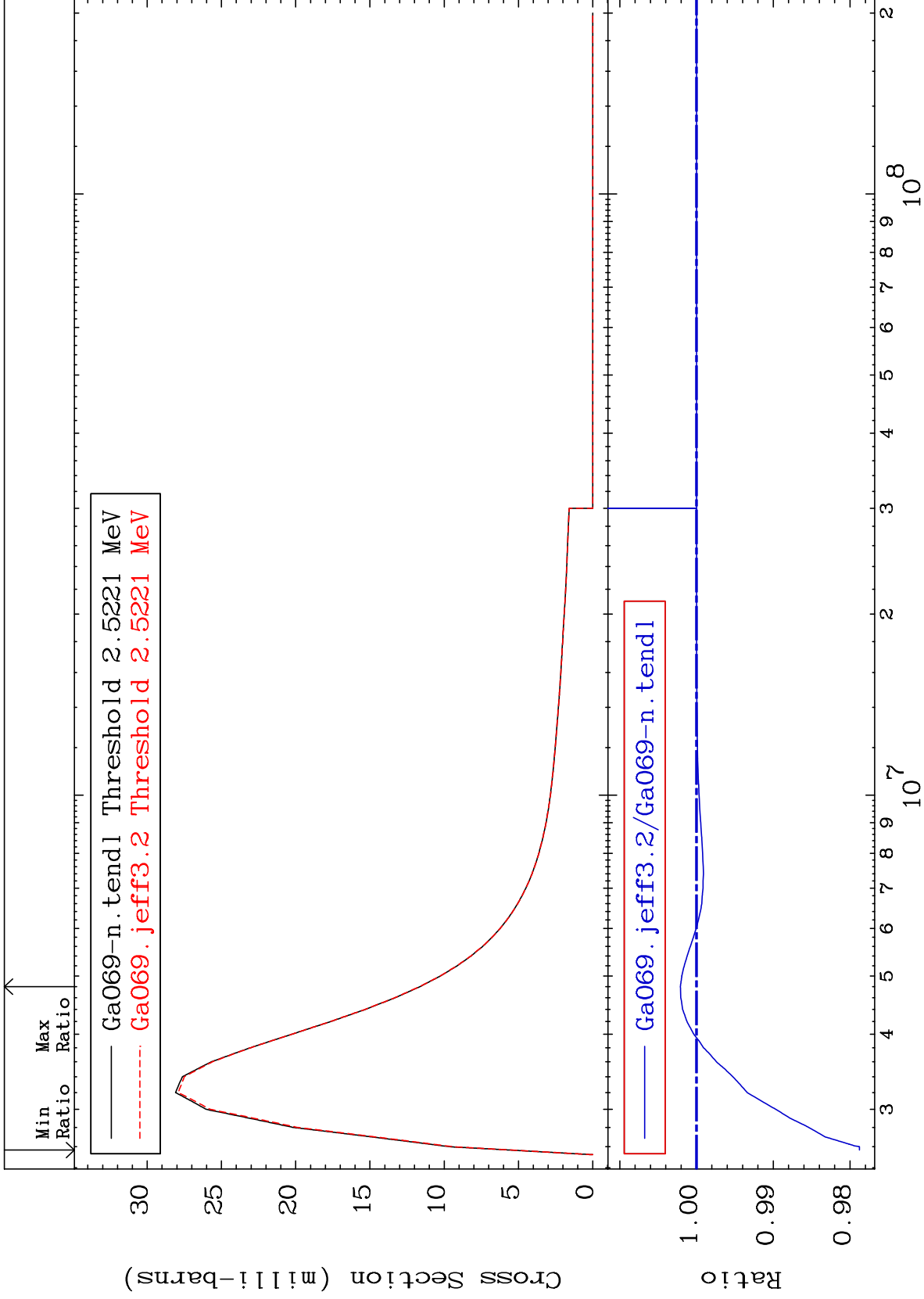


MAT 3125

2.459 MeV (n,n') Level
Cross Section

31-Ga-69
-0.630 To 0.261 %

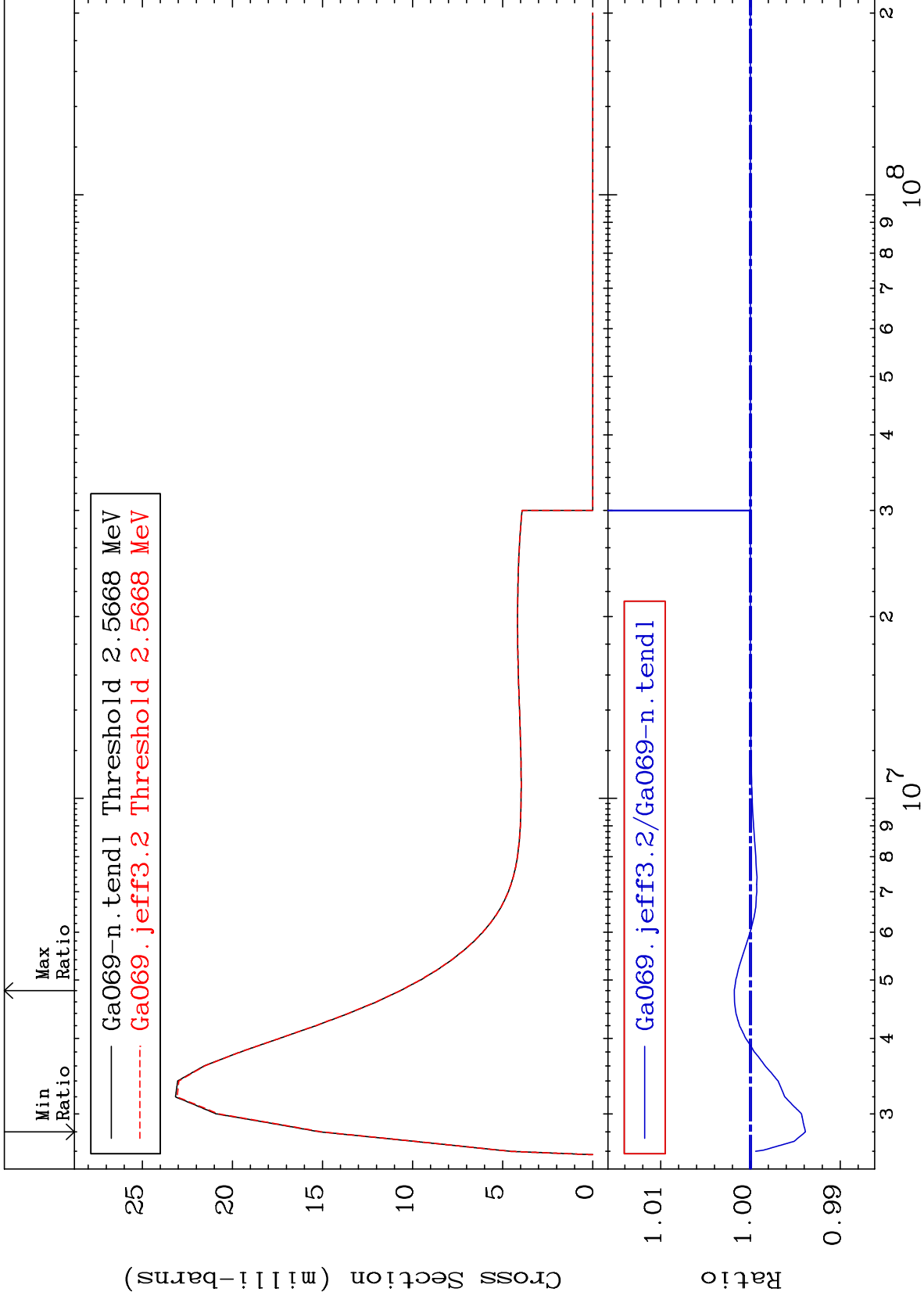


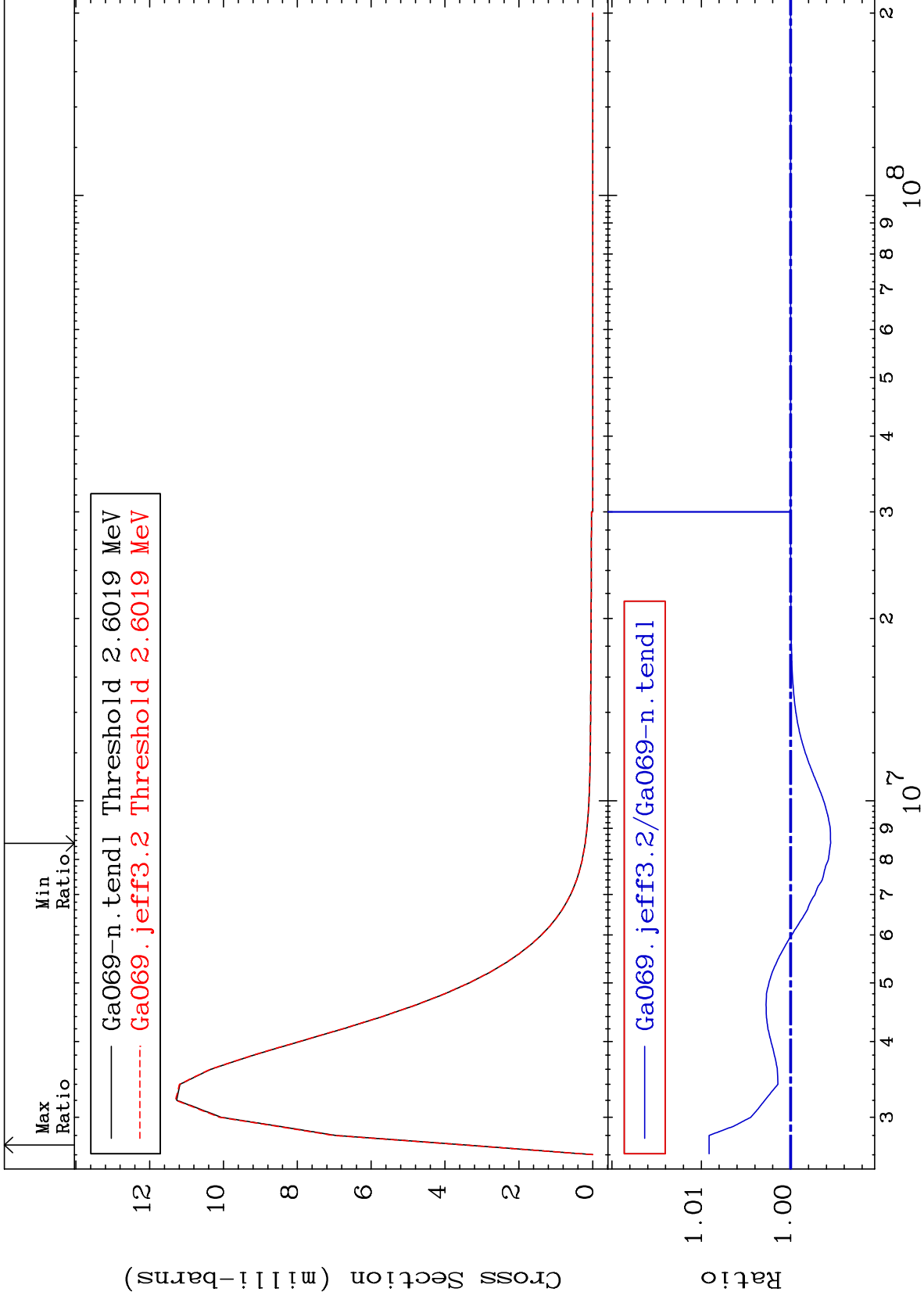


MAT 3125

2.530 MeV (n,n') Level
Cross Section

31-Ga-69
-0.614 To 0.180 %

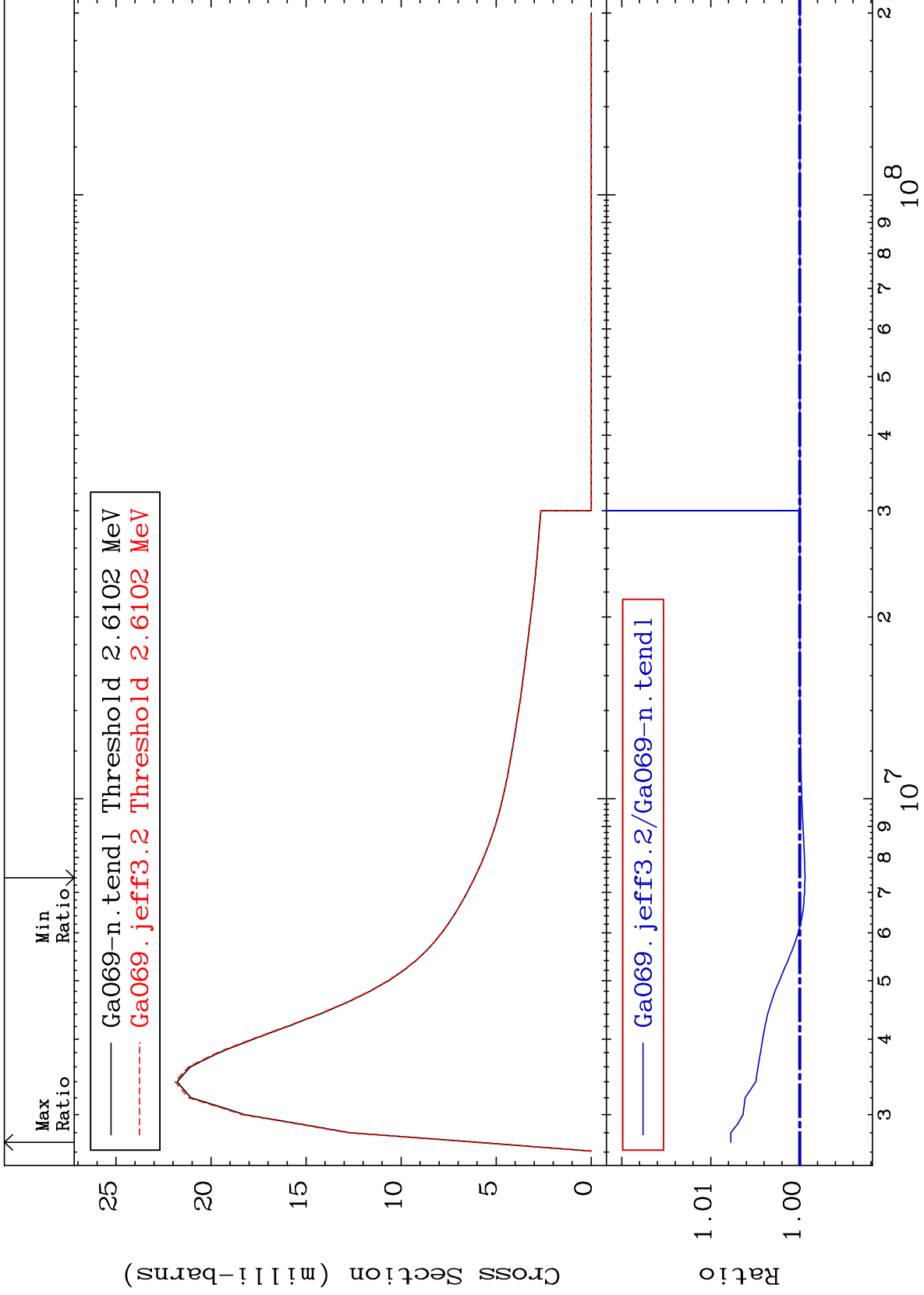


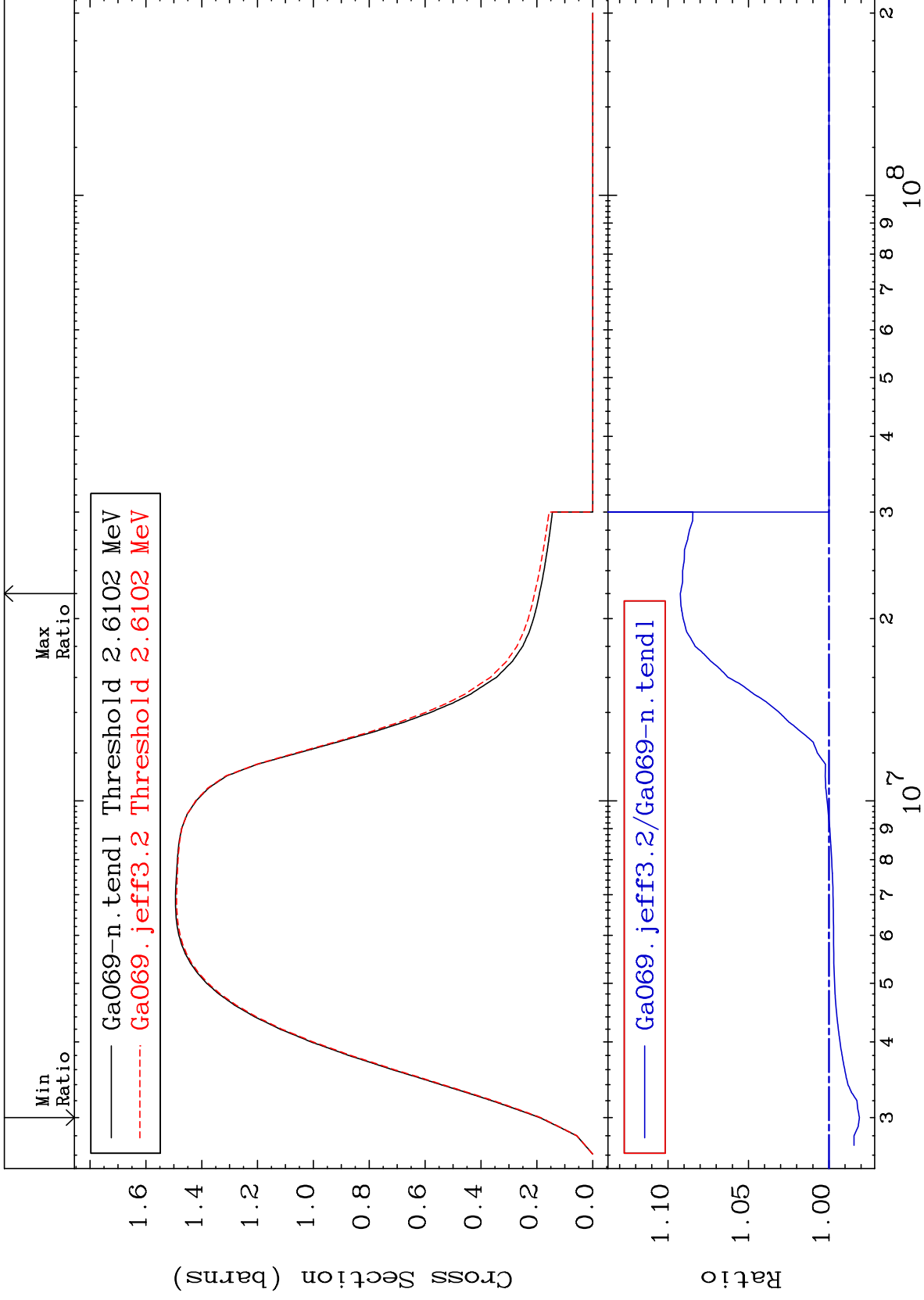


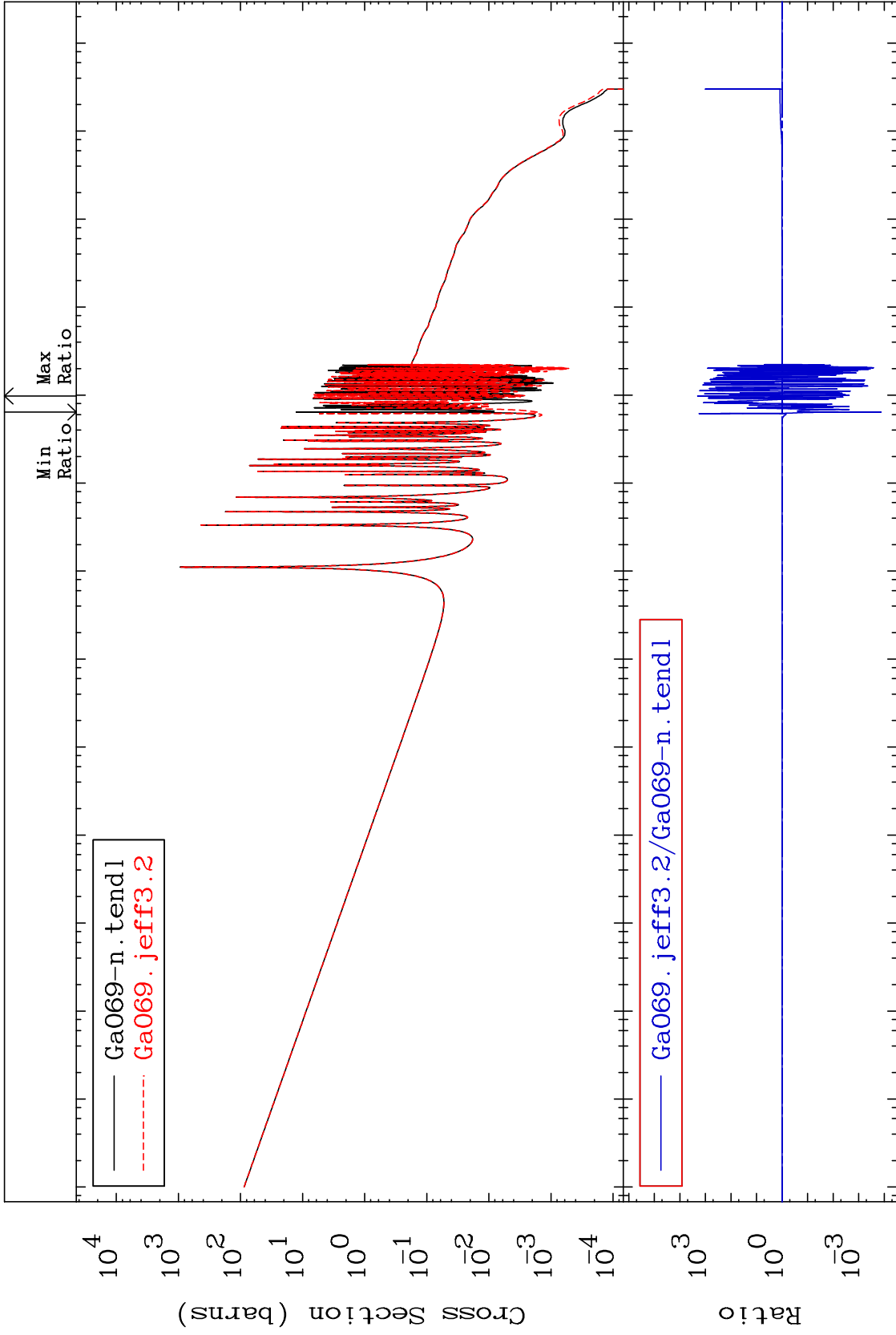
MAT 3125

2.573 MeV (n,n') Level
Cross Section

31-Ga-69
-0.059 To 0.774 %



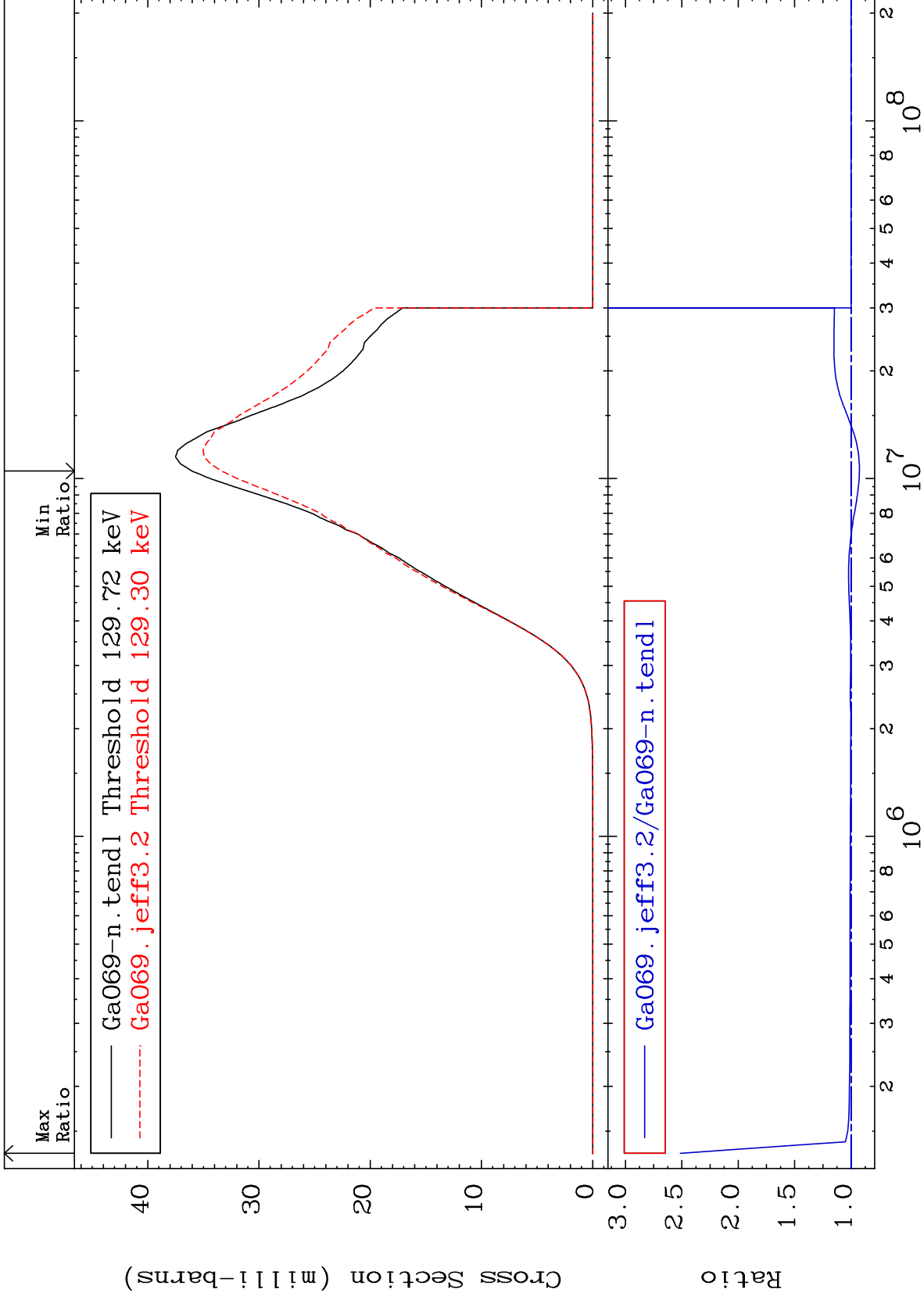


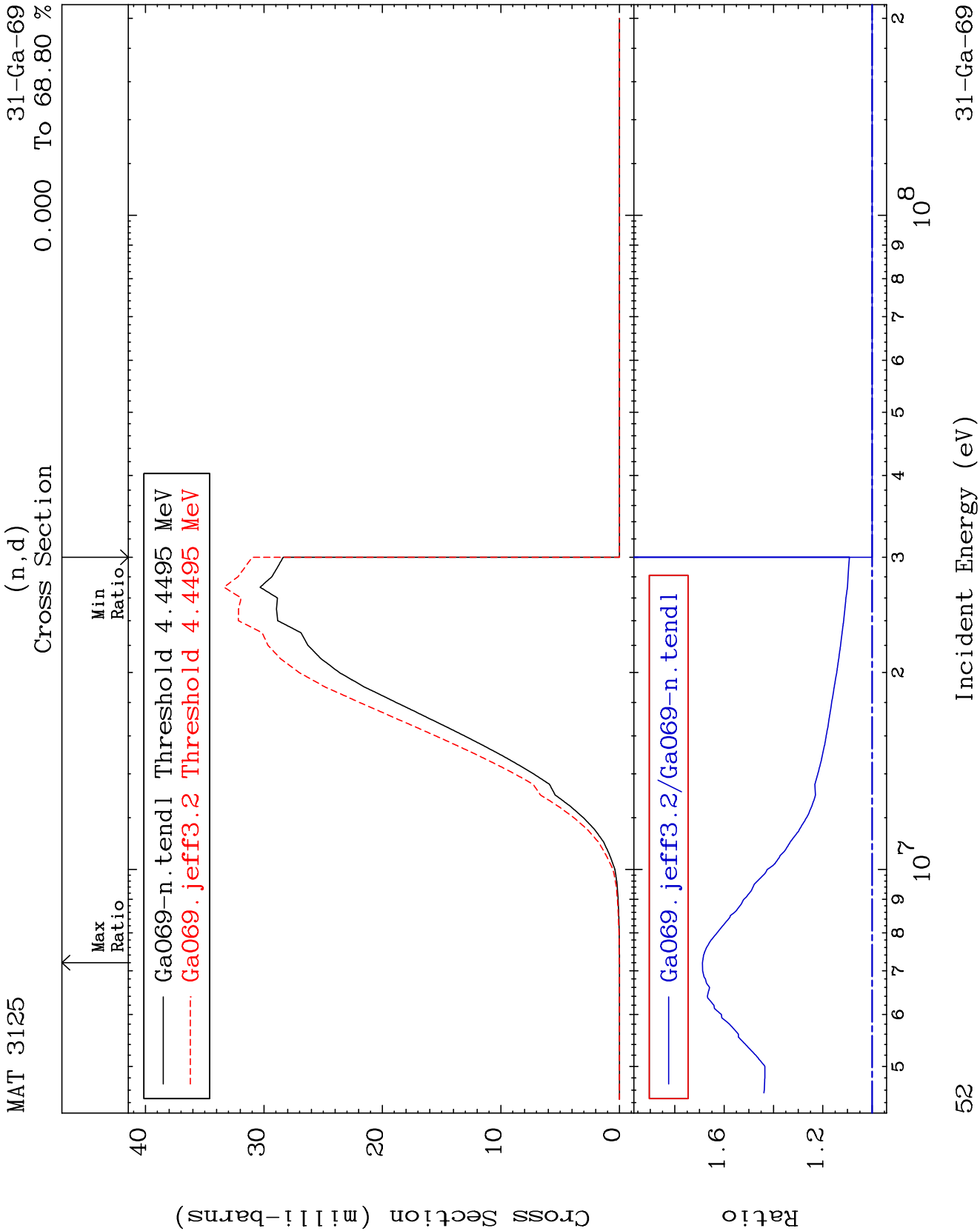


MAT 3125

(n,p)
Cross Section

31-Ga-69
-7.399 To 151.3 %



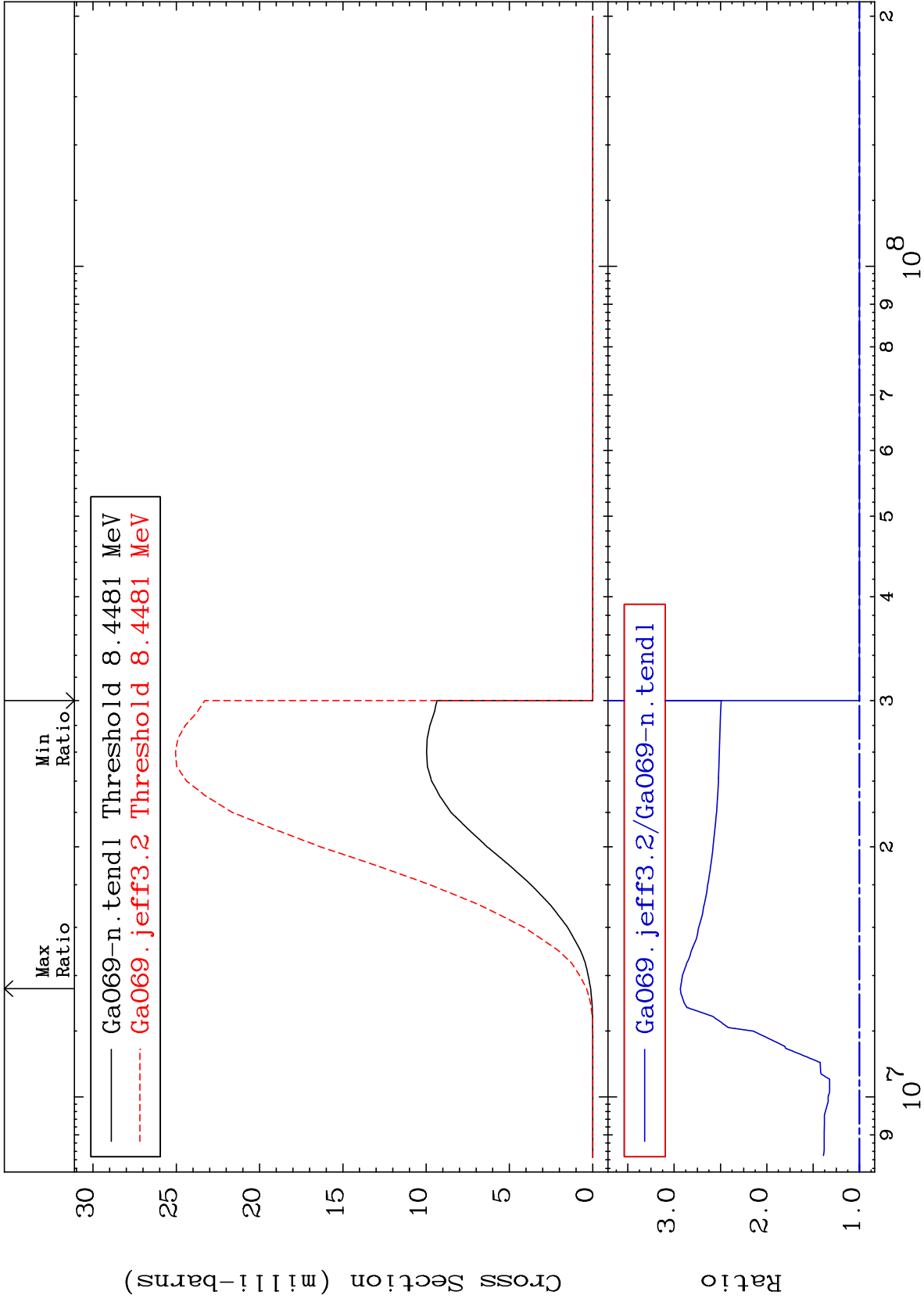


MAT 3125

31-Ga-69

0.000 To 193.3 %

(n, t)
Cross Section



53

31-Ga-69

MAT 3125

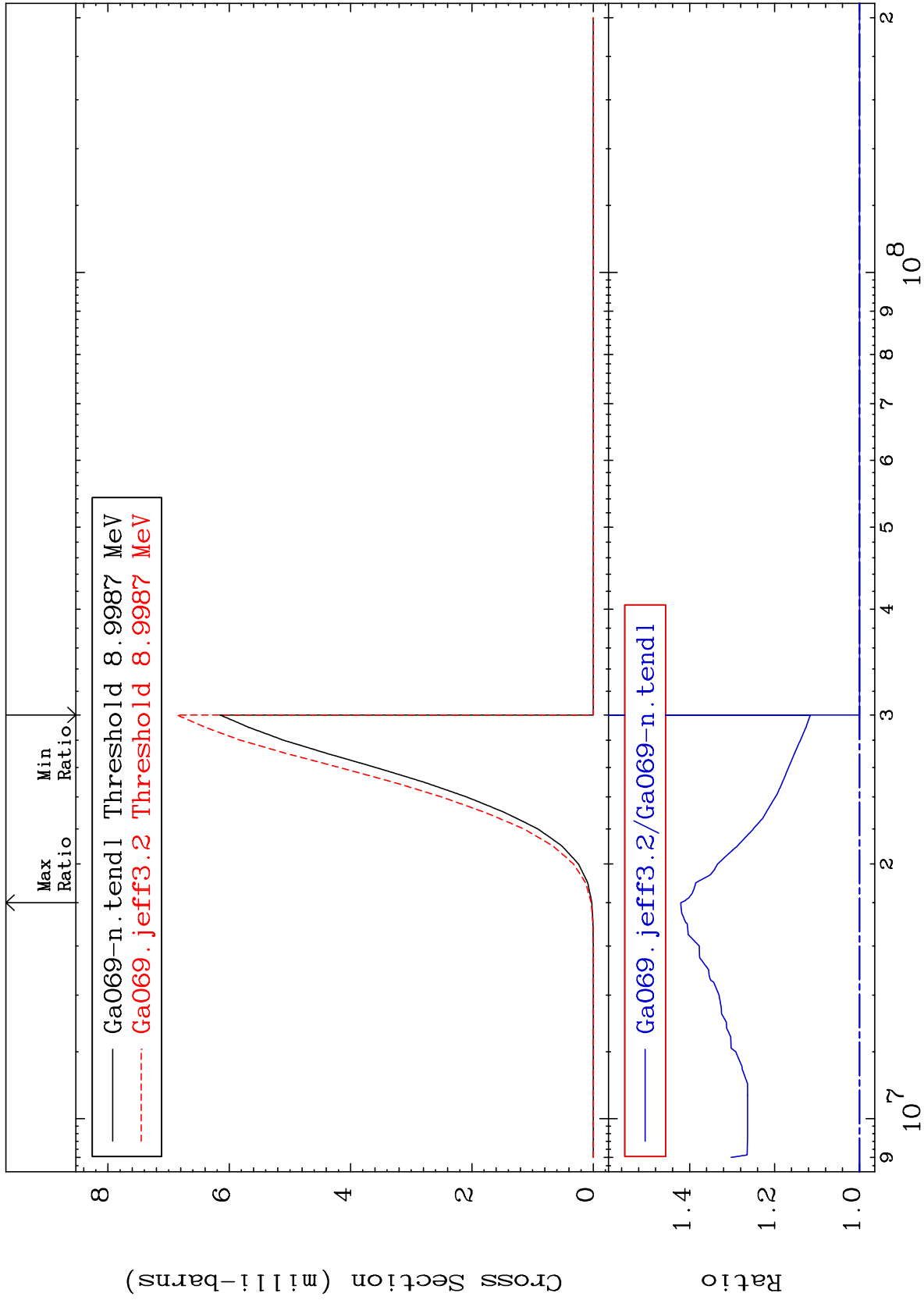
(n, He-3)

31-Ga-69

Cross Section

0.000

To 42.08 %



54

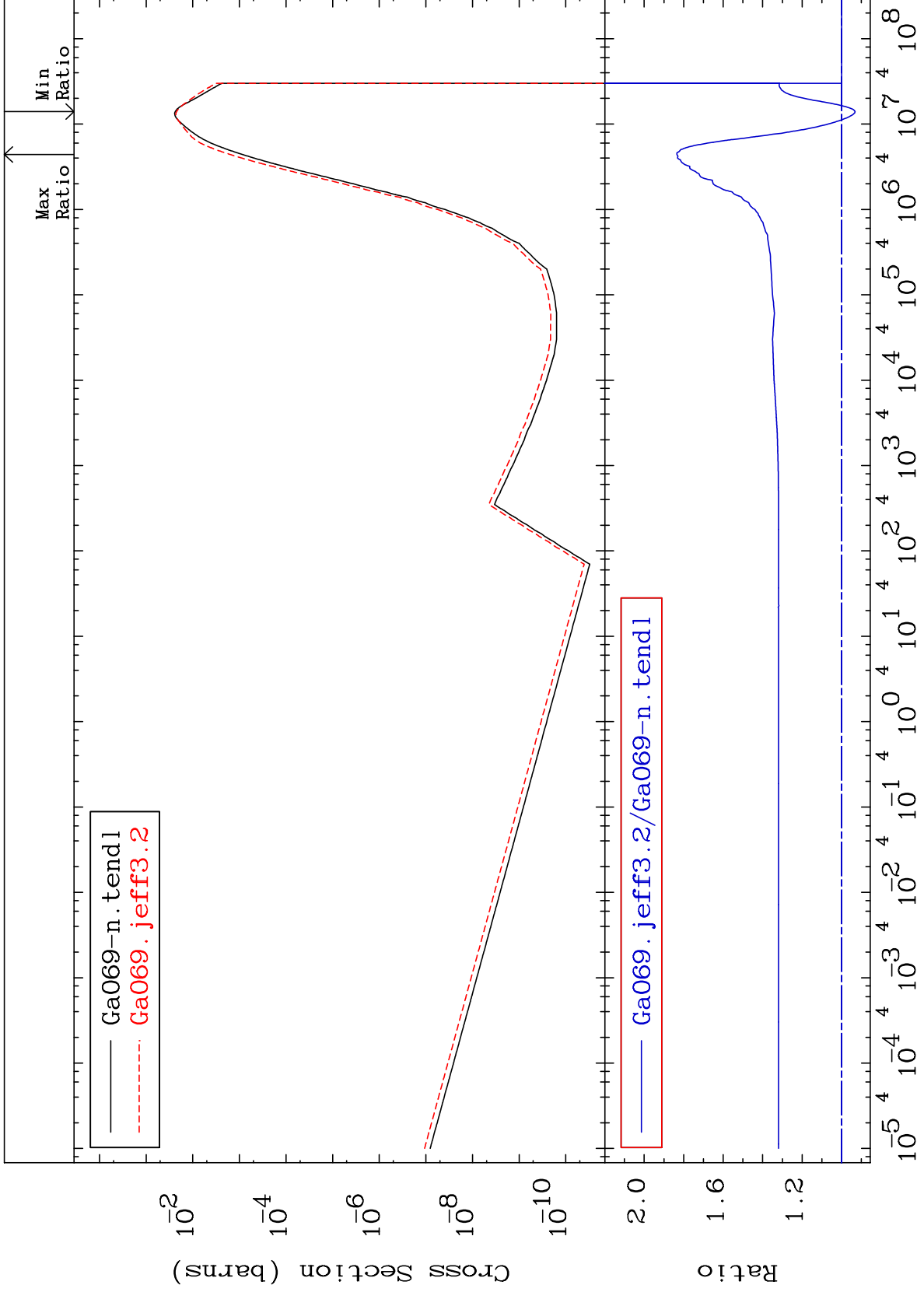
Incident Energy (eV)

31-Ga-69

MAT 3125

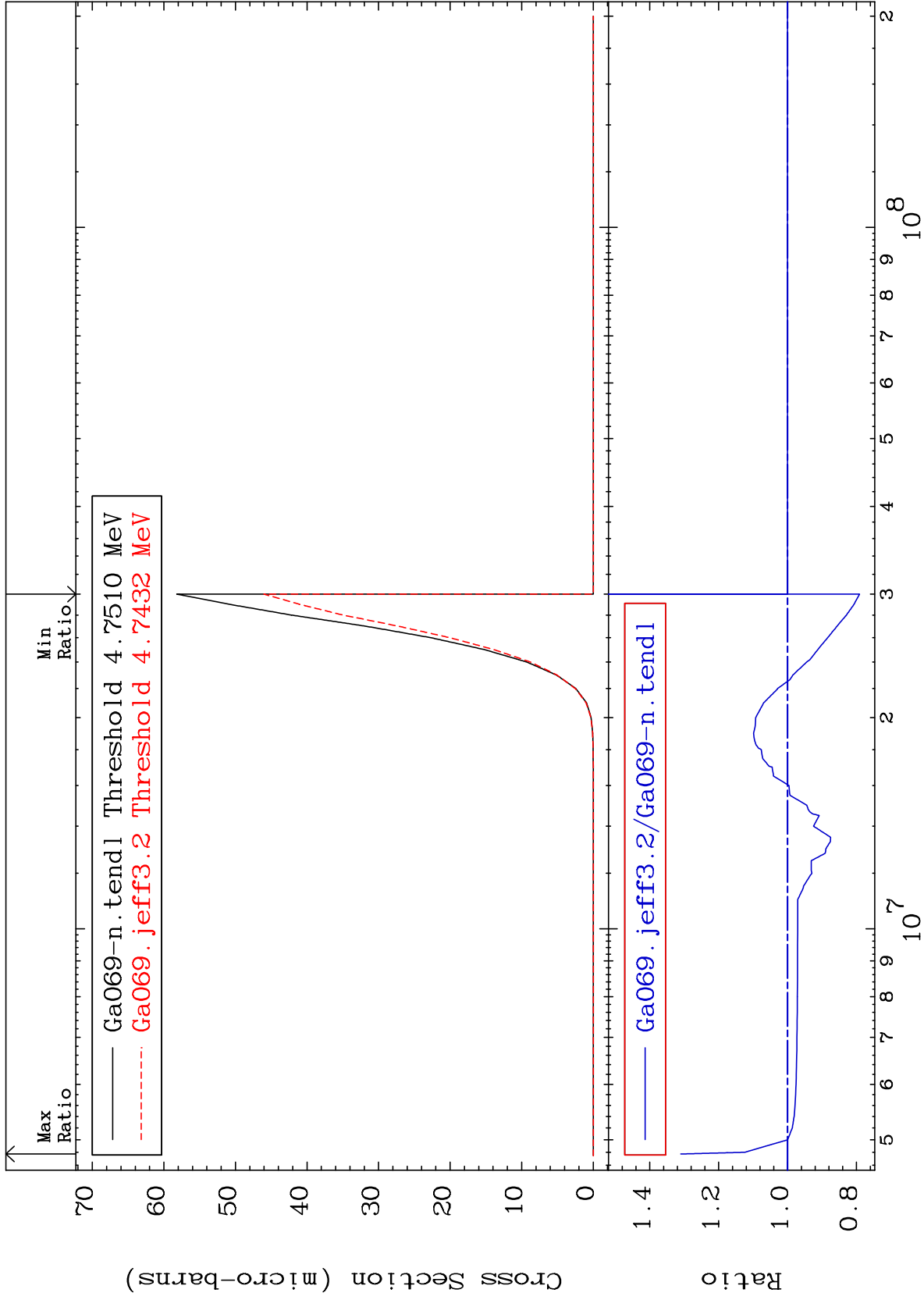
(n, α)
Cross Section

31-Ga-69
-6.820 To 83.41 %



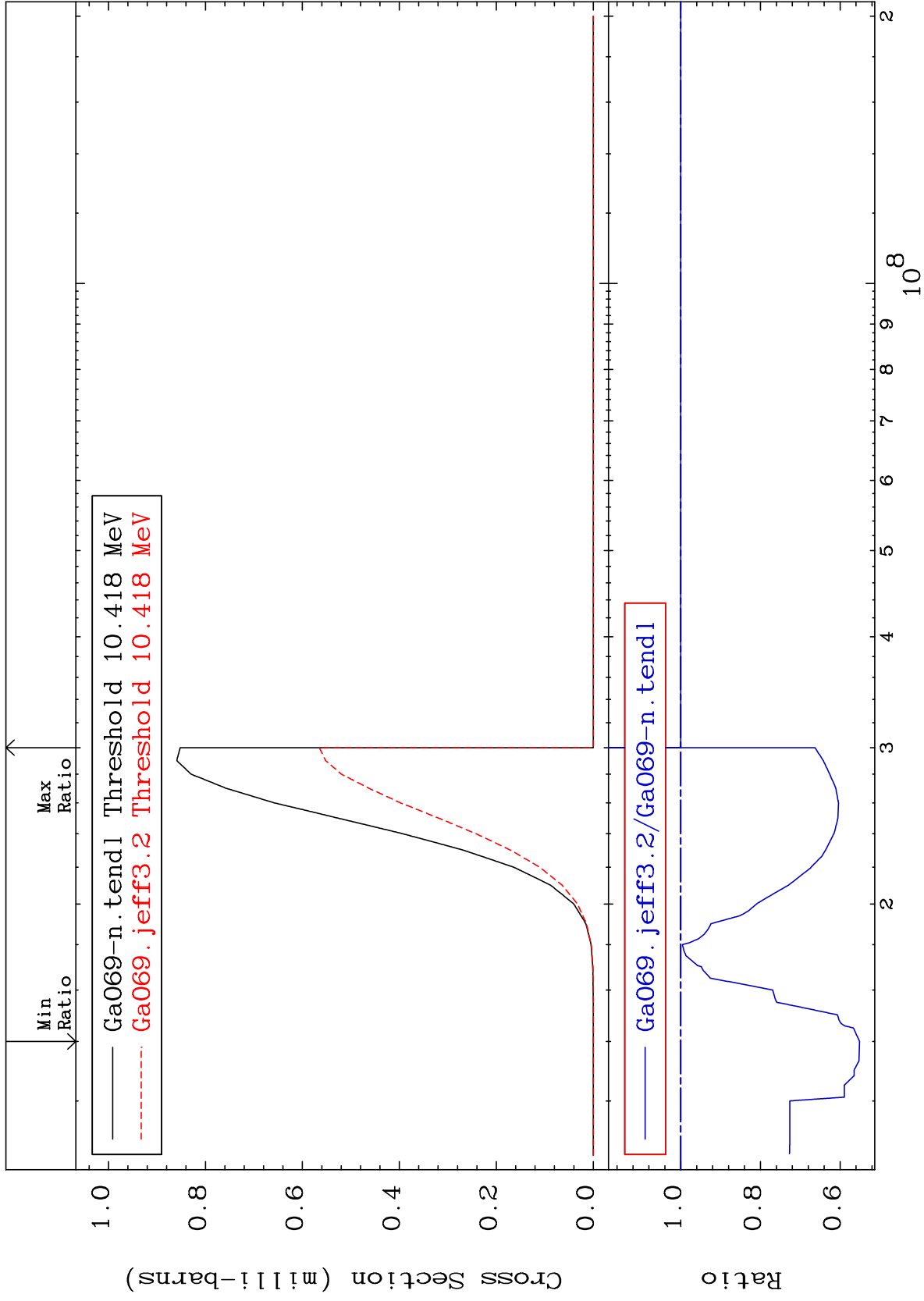
Cross Section

-20.88 To 31.00 %



Cross Section

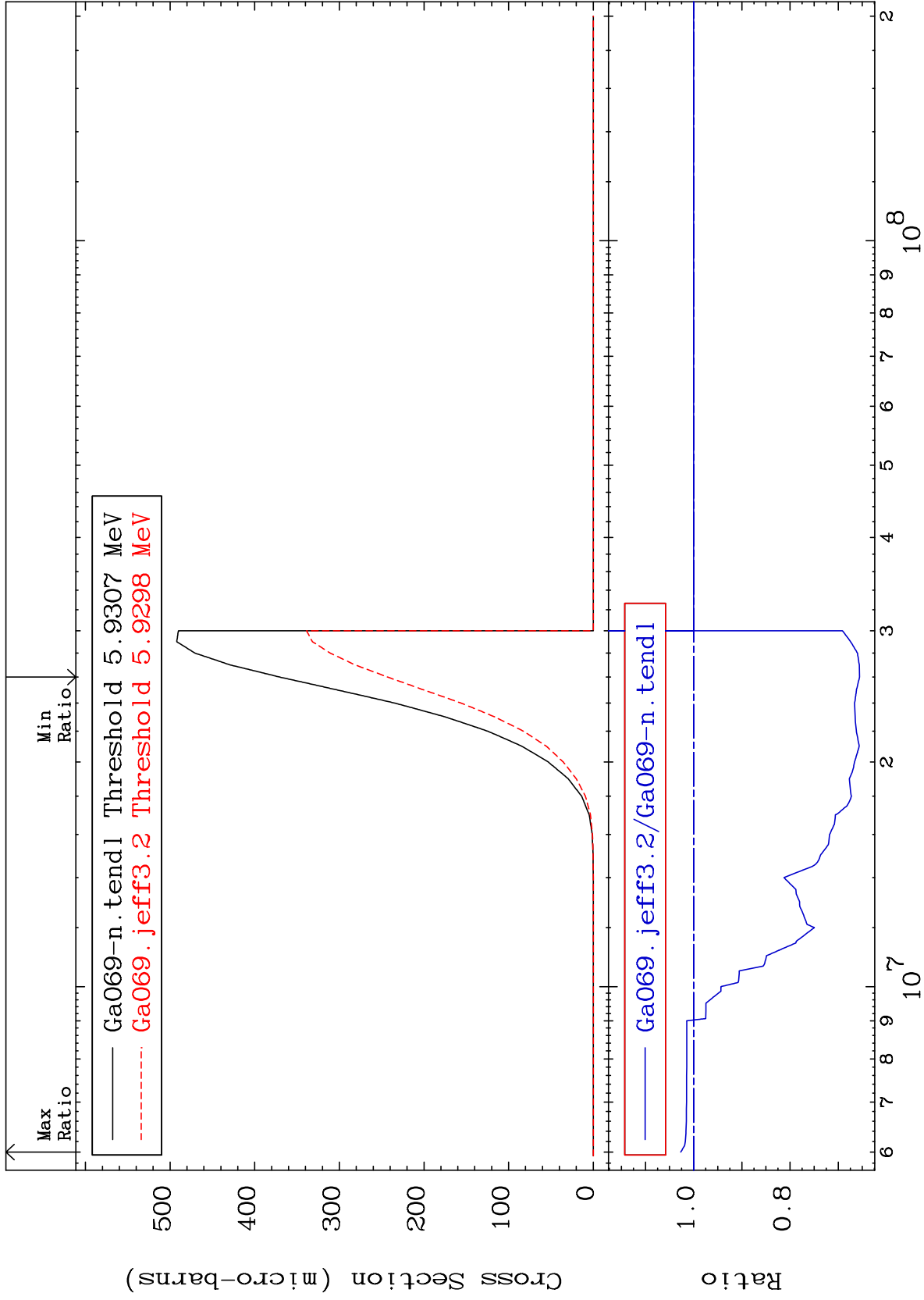
-44.87 To 0.000 %



MAT 3125

(n, p) α
Cross Section

31-Ga-69
-34.42 To 2.677 %



58

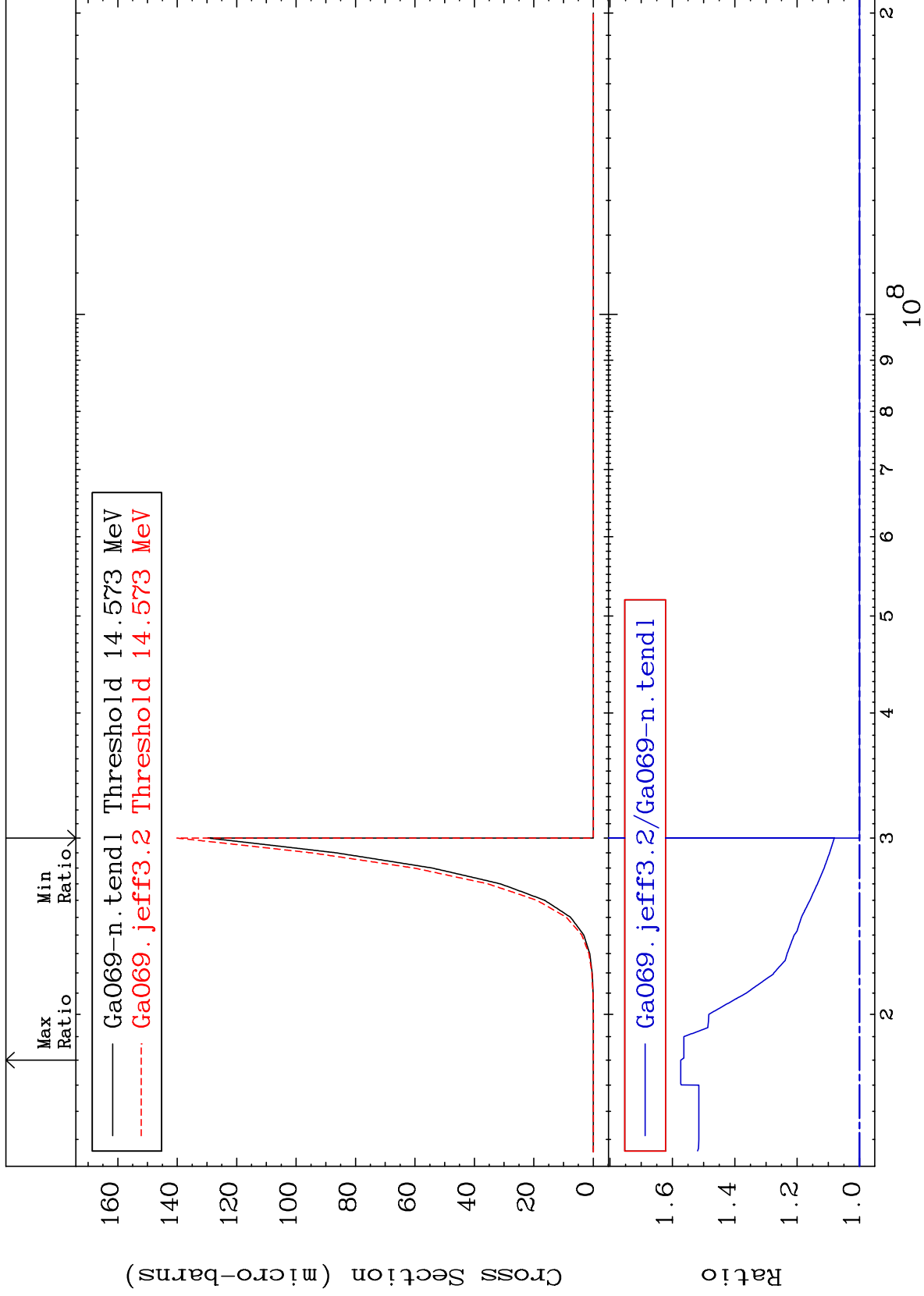
31-Ga-69

31-Ga-69

MAT 3125

(n,p) d
Cross Section

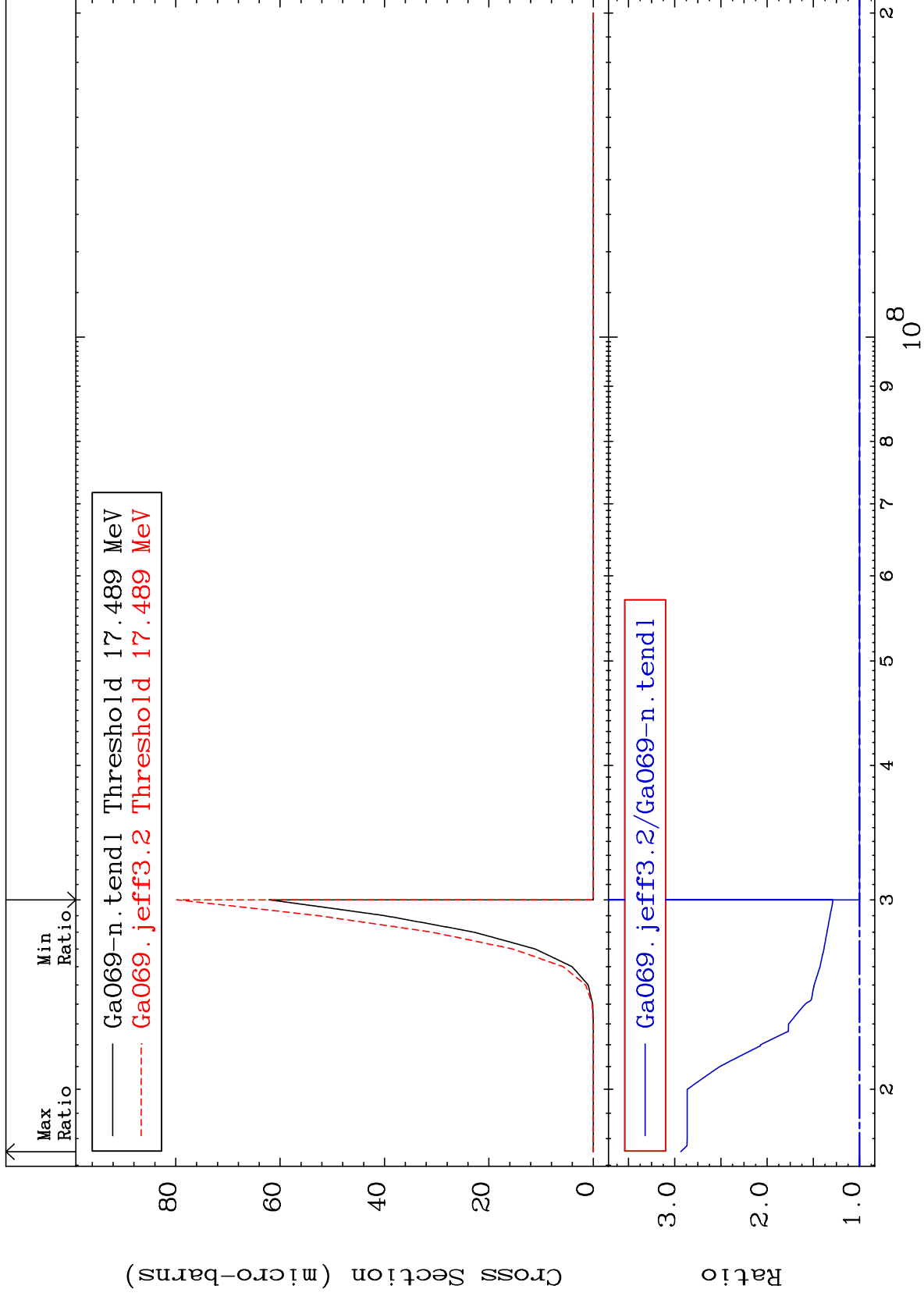
31-Ga-69
0.000 To 57.32 %



MAT 3125

(n,p) t
Cross Section

31-Ga-69
To 193.5 %
0.000



60

31-Ga-69

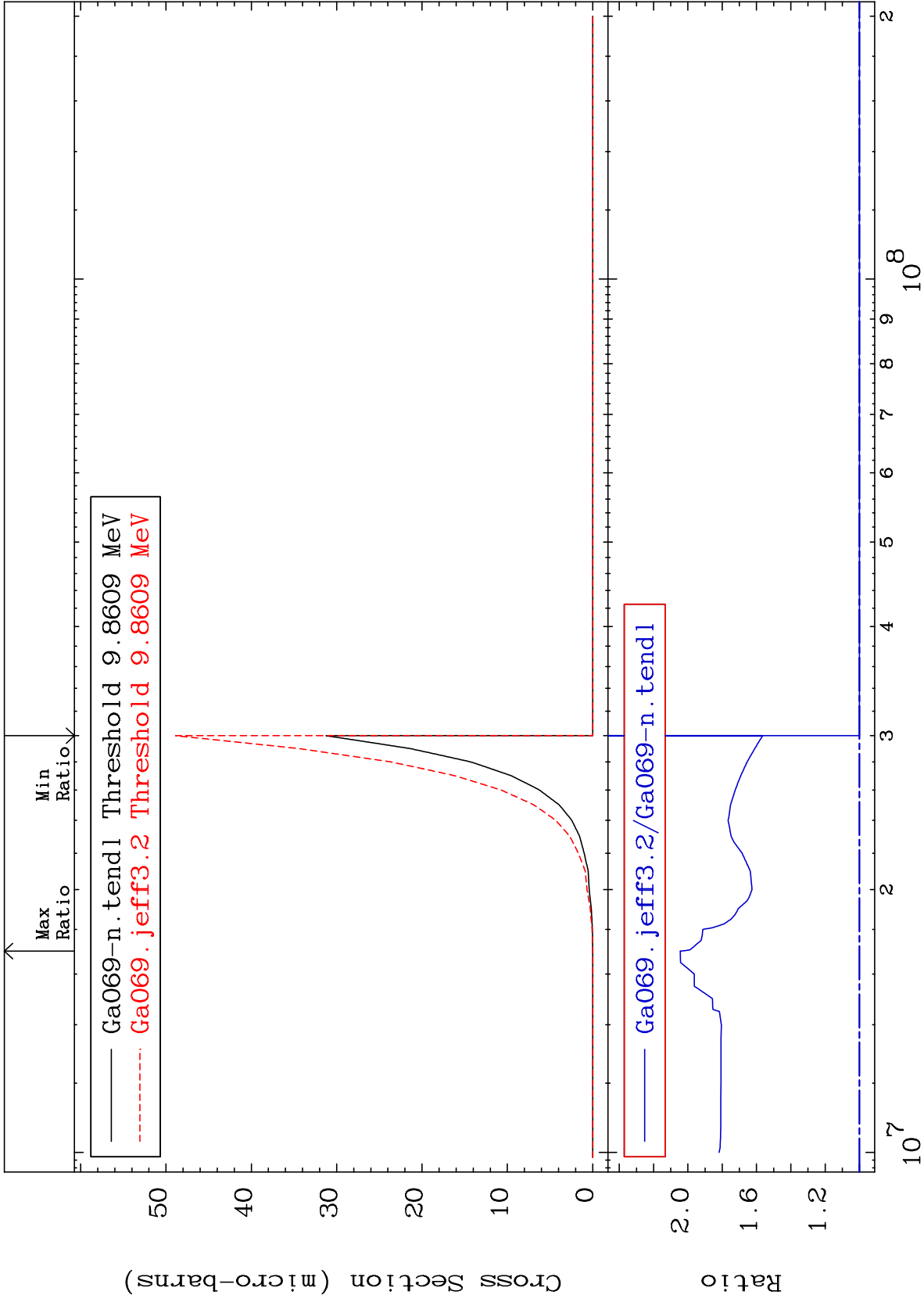
31-Ga-69

MAT 3125

³¹Ga-69

(n,d) α
Cross Section

0.000 To 104.4 %



61

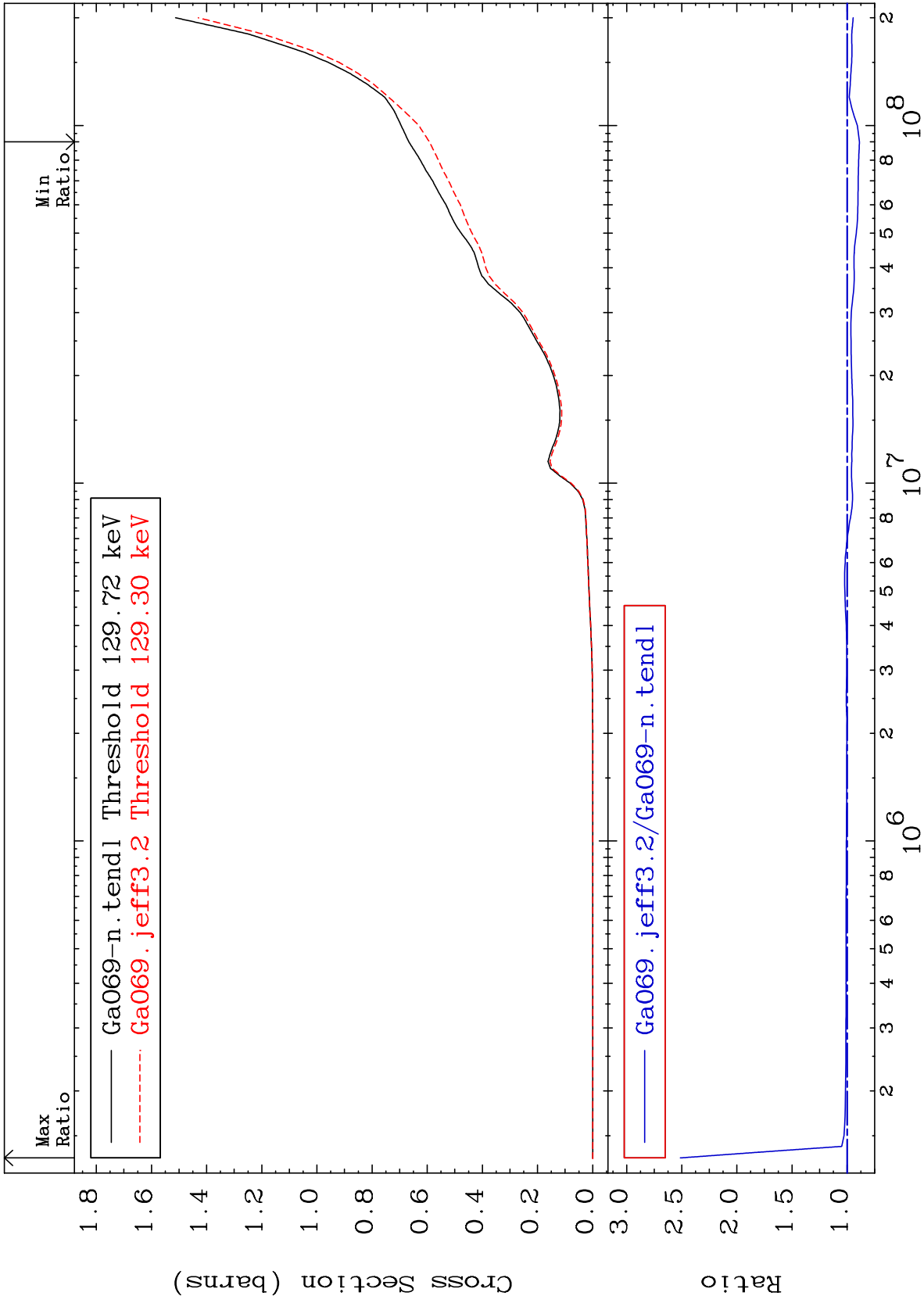
Incident Energy (eV)

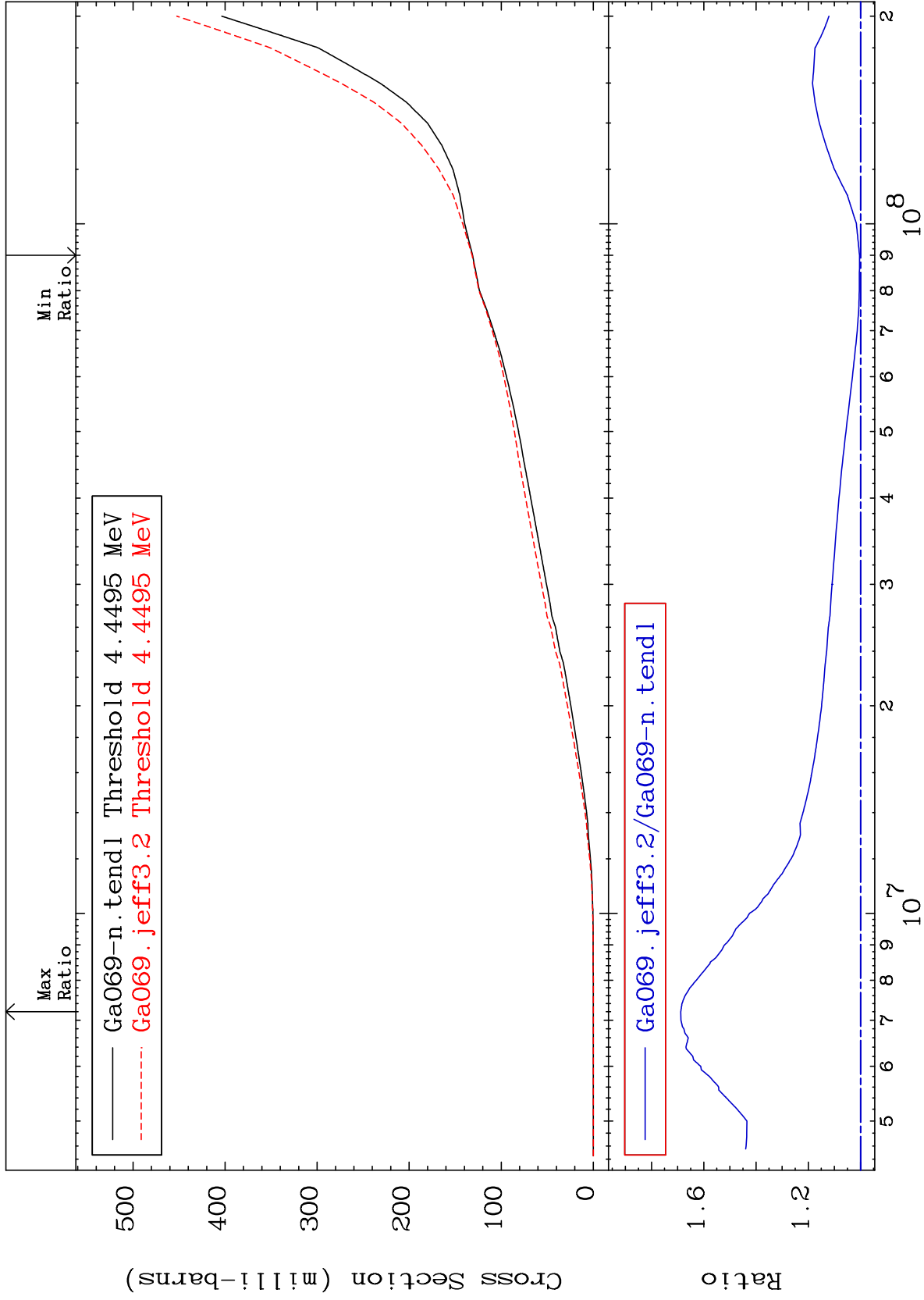
³¹Ga-69

MAT 3125

Hydrogen Production
Cross Section

31-Ga-69
-11.18 To 151.3 %

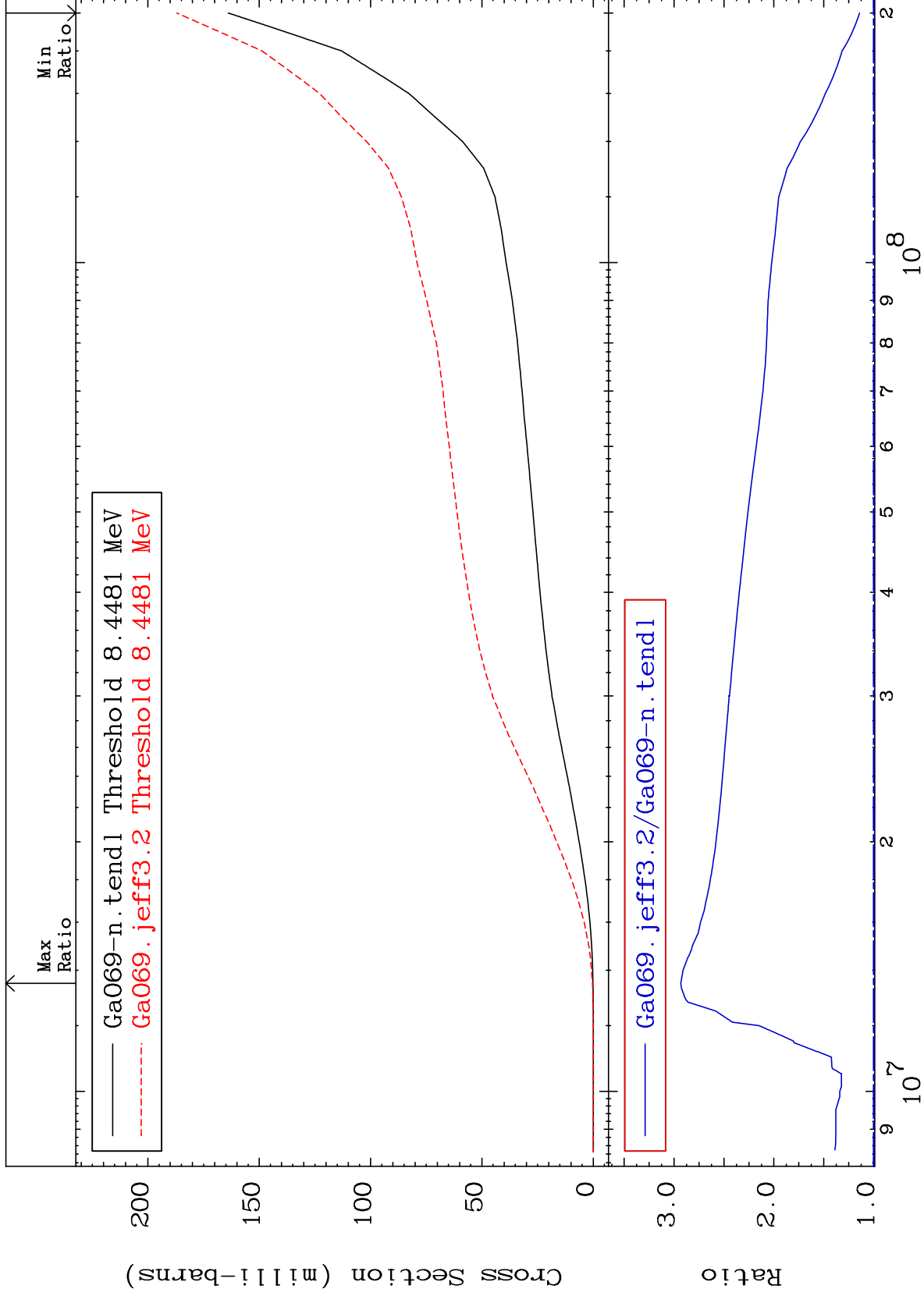




MAT 3125

Tritium Production
Cross Section

31-Ga-69
14.13 To 193.3 %



64

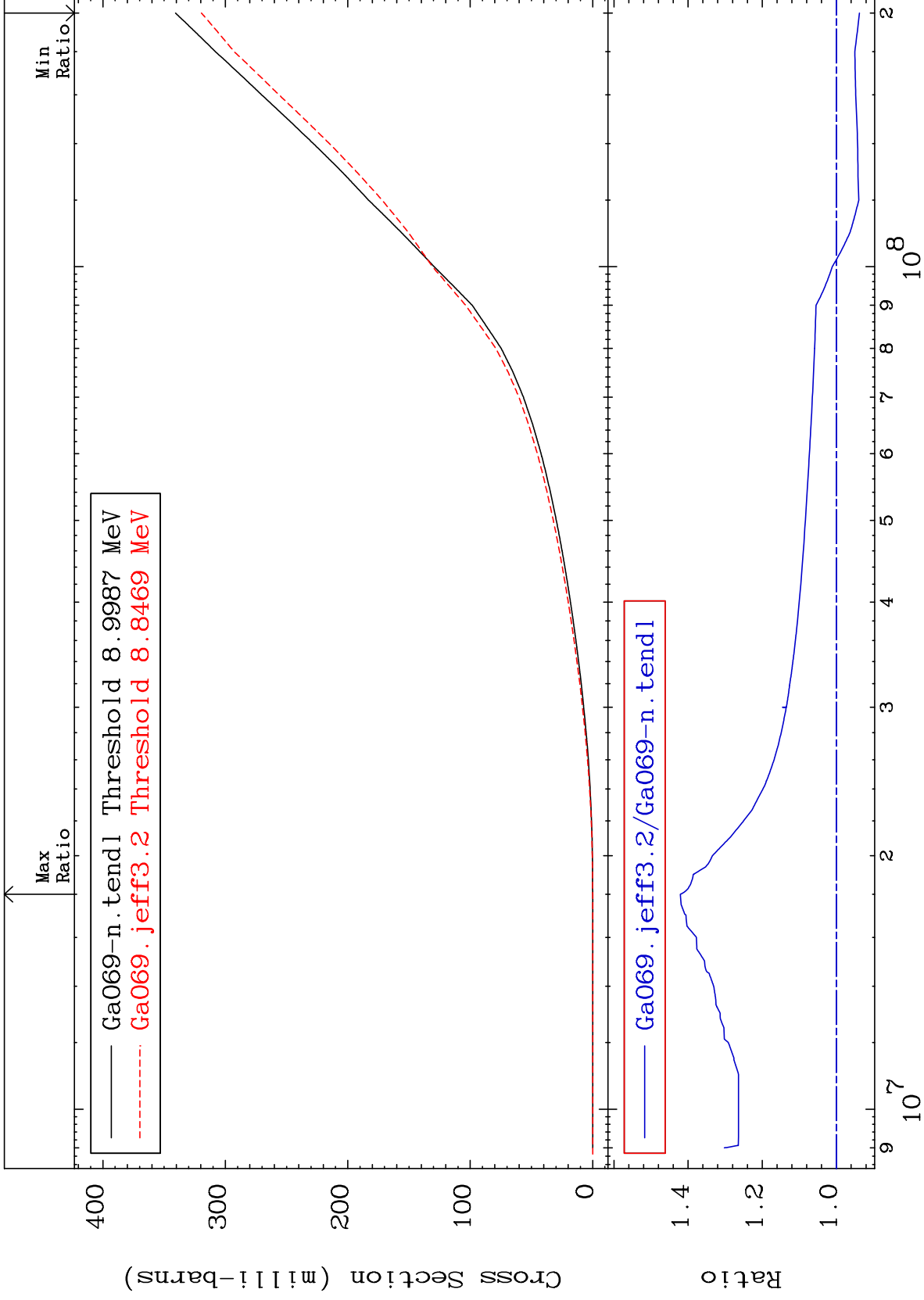
Incident Energy (eV)

31-Ga-69

MAT 3125

He-3 Production
Cross Section

31-Ga-69
-6.225 To 42.08 %



65

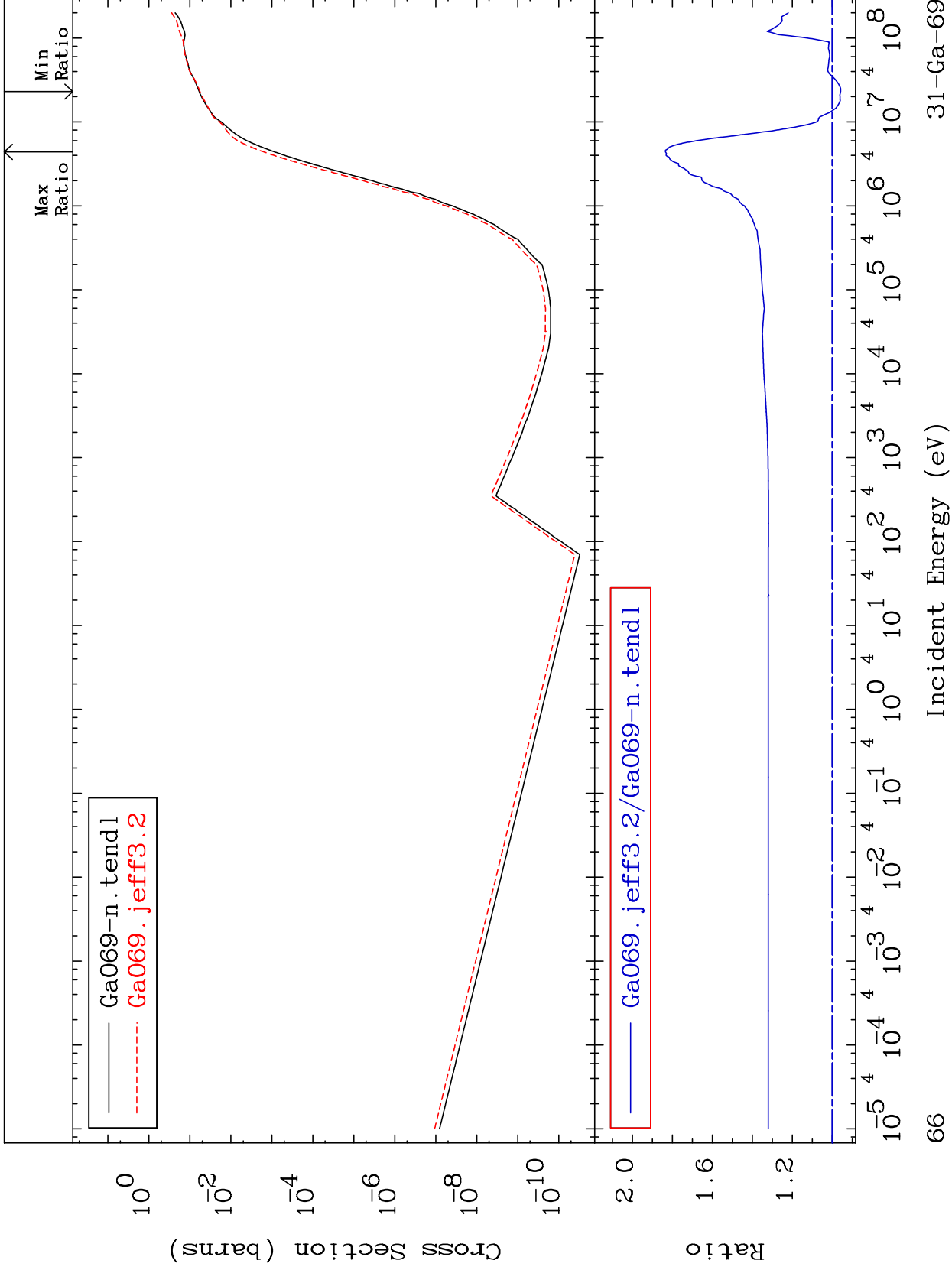
Incident Energy (eV)

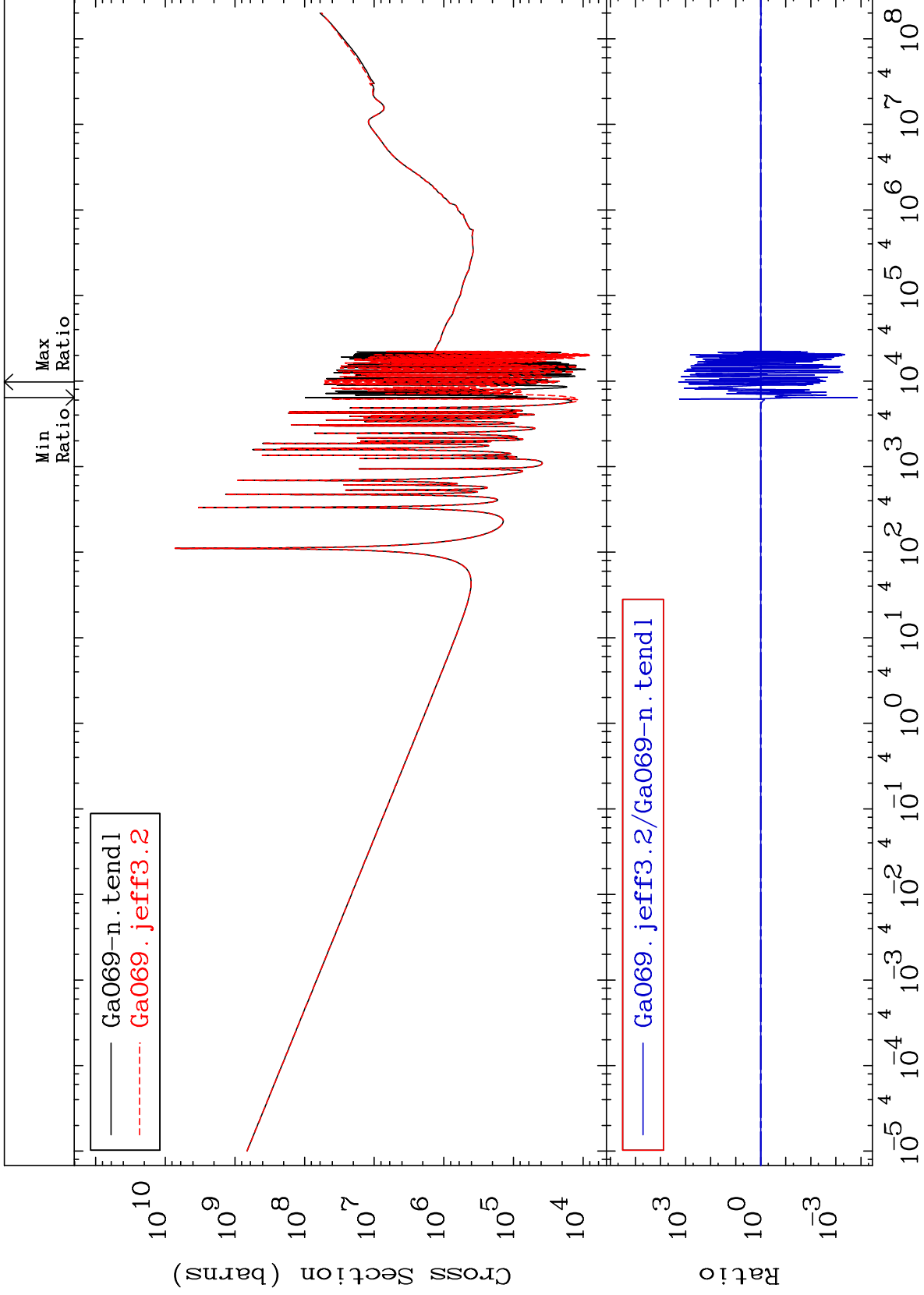
31-Ga-69

MAT 3125

He-4 Production
Cross Section

31-Ga-69
-4.185 To 83.41 %

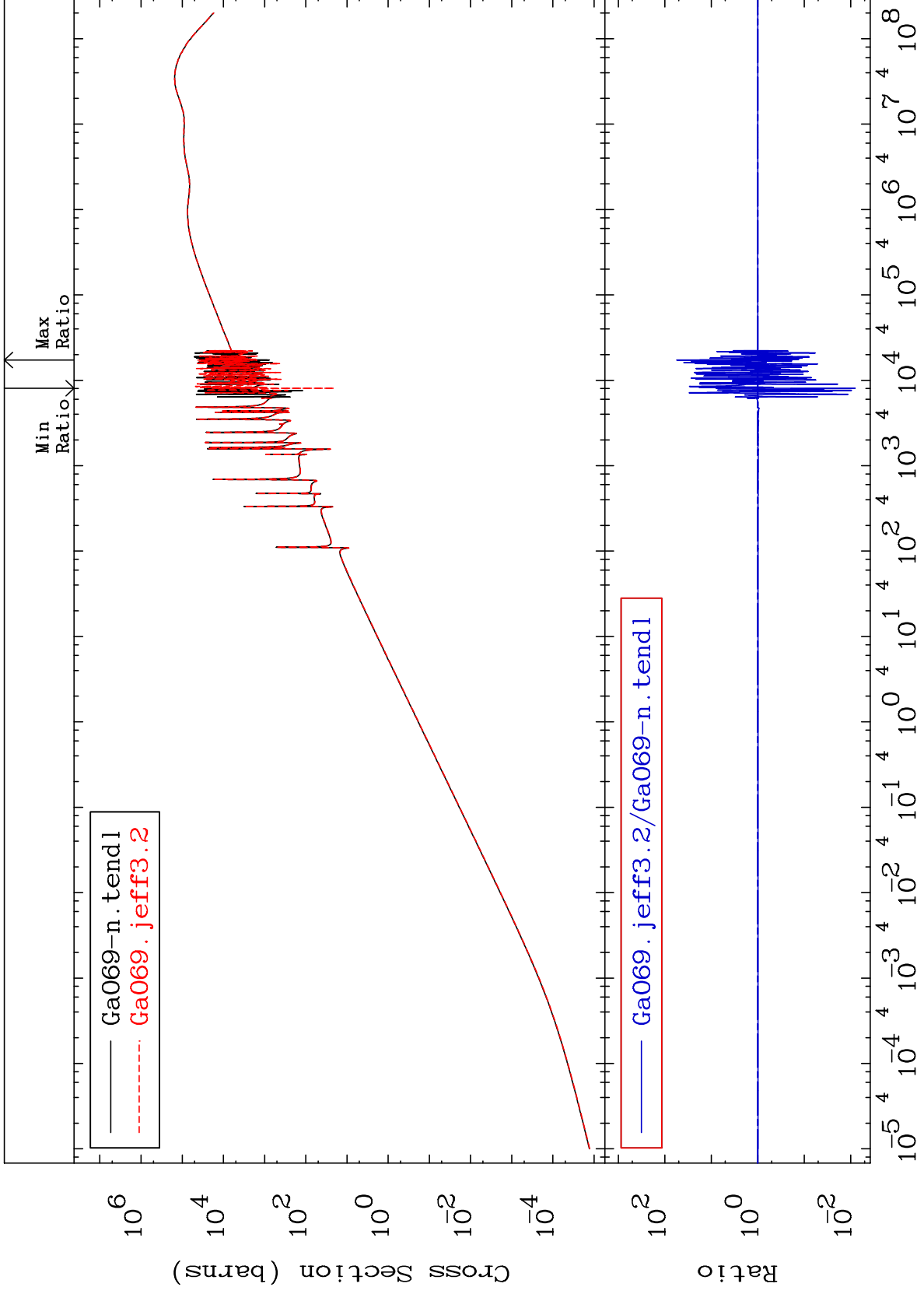


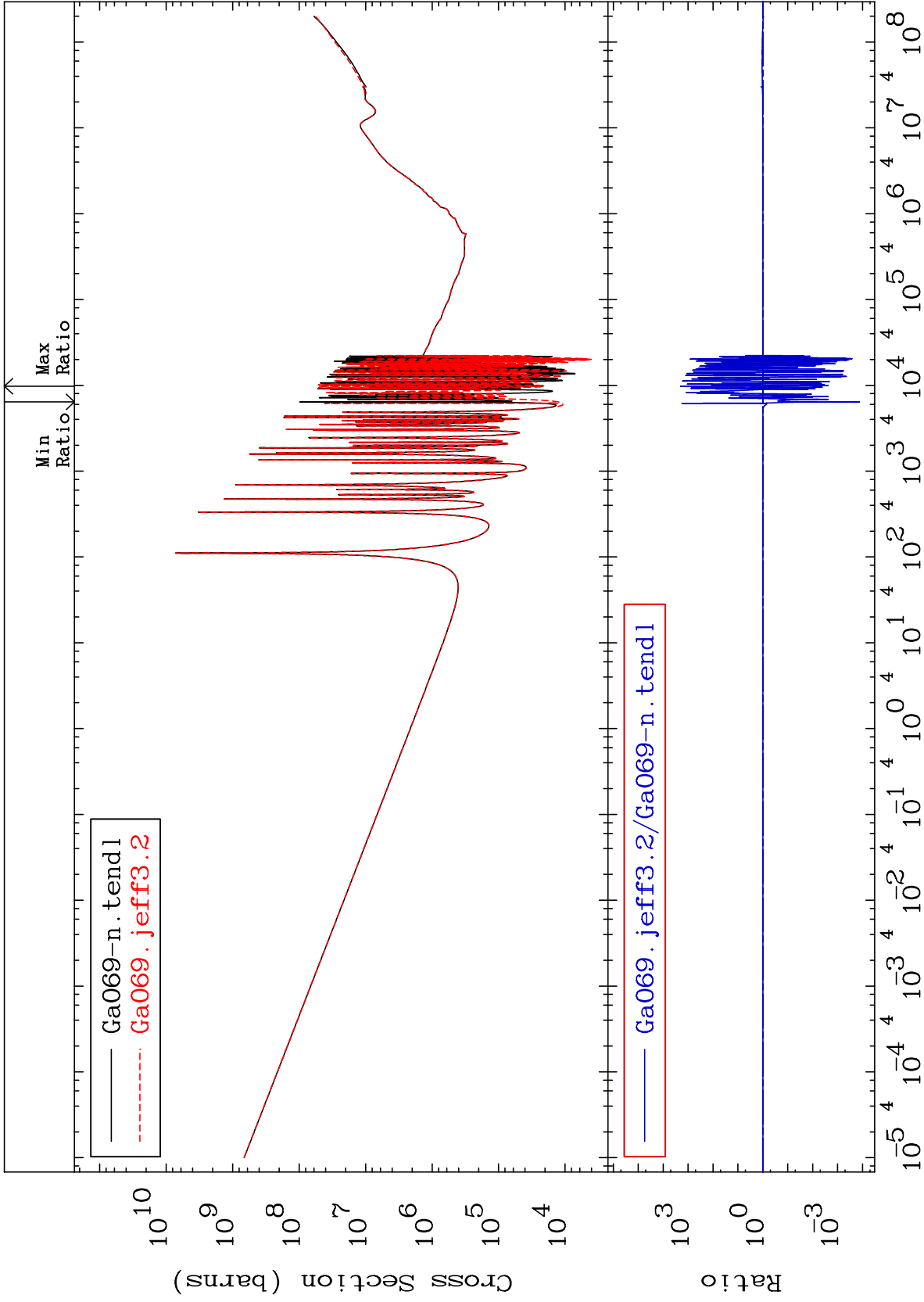


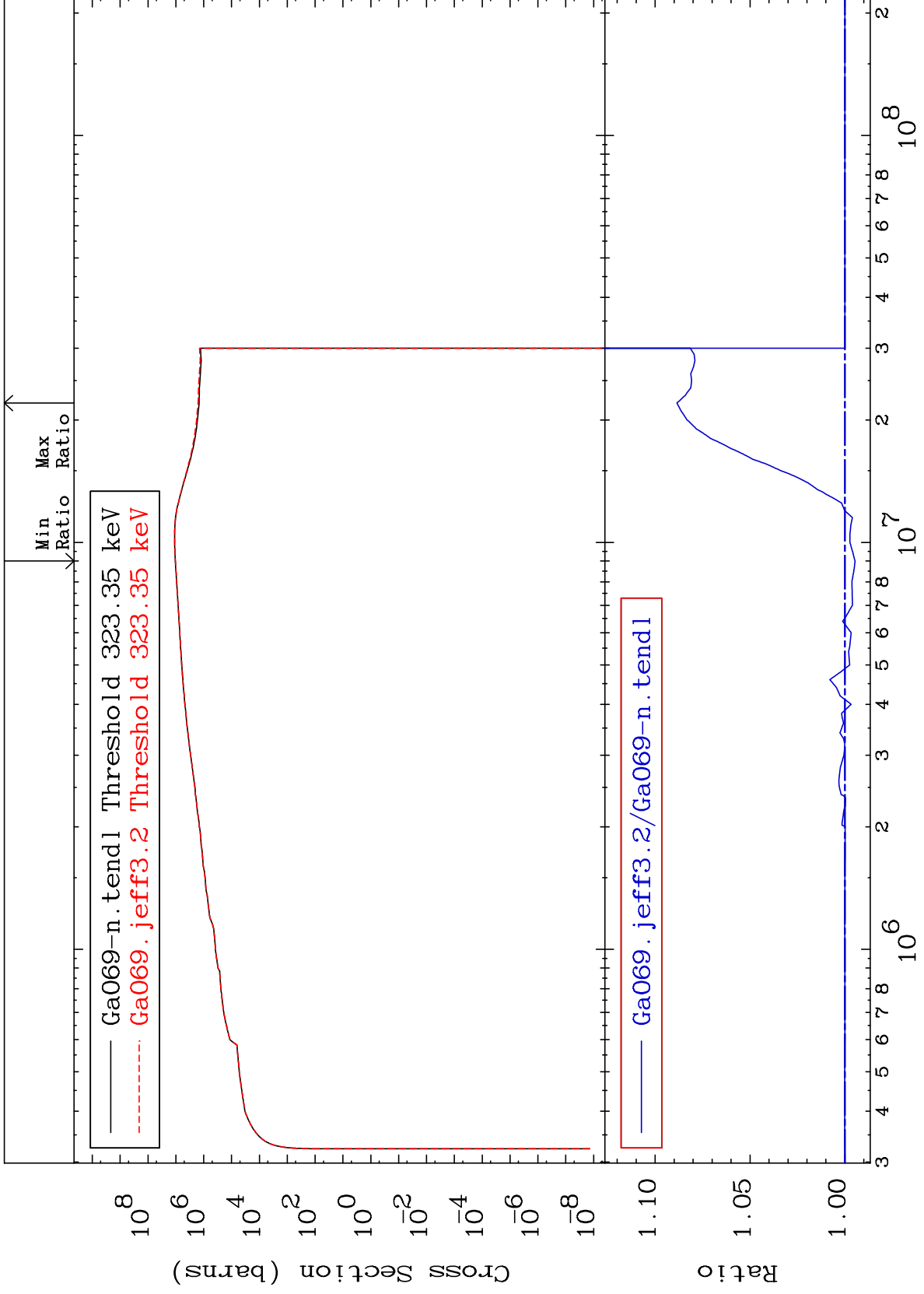
MAT 3125

Kerma elastic
Cross Section

31-Ga-69
-99.20 To 5372. %



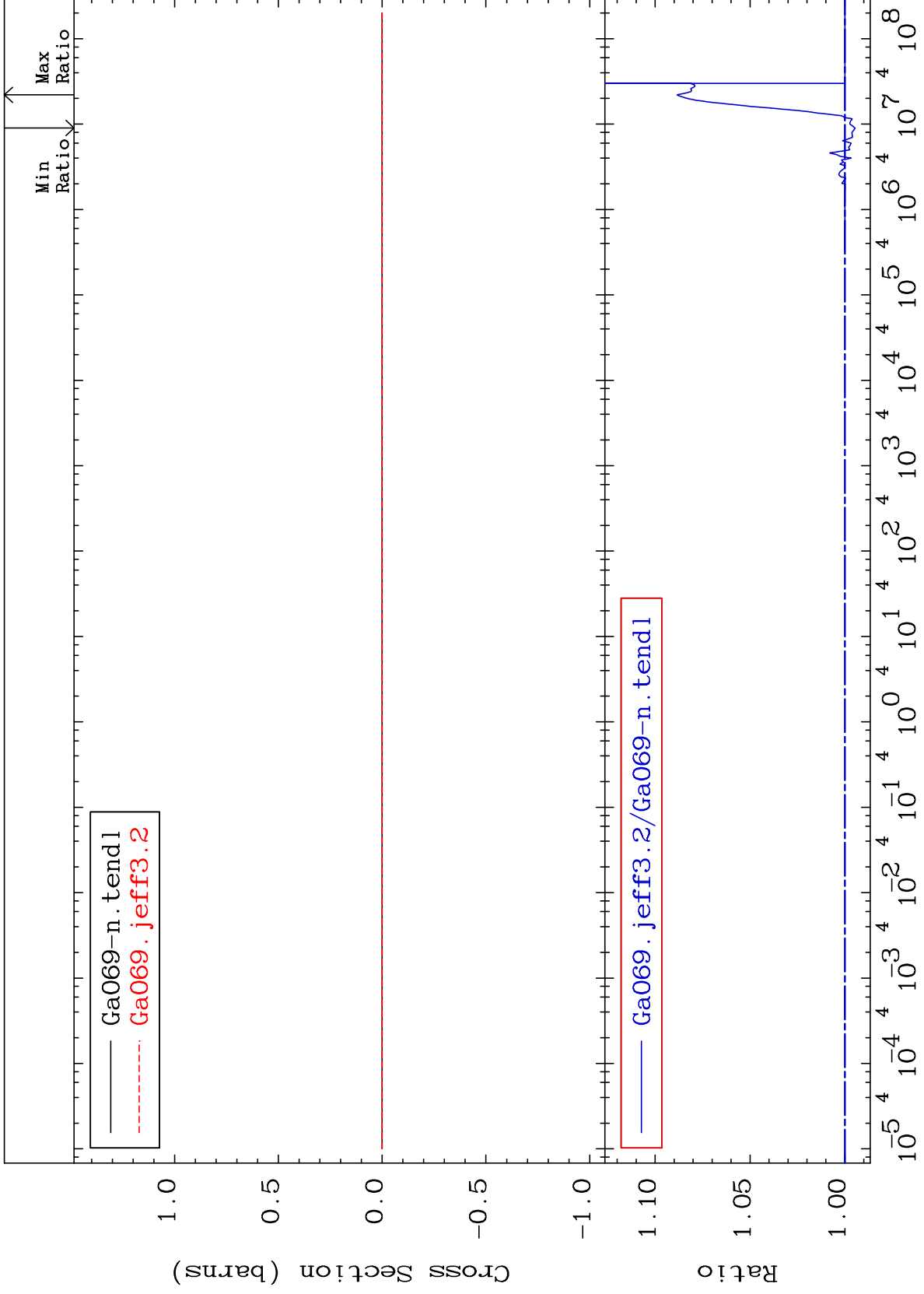




MAT 3125

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

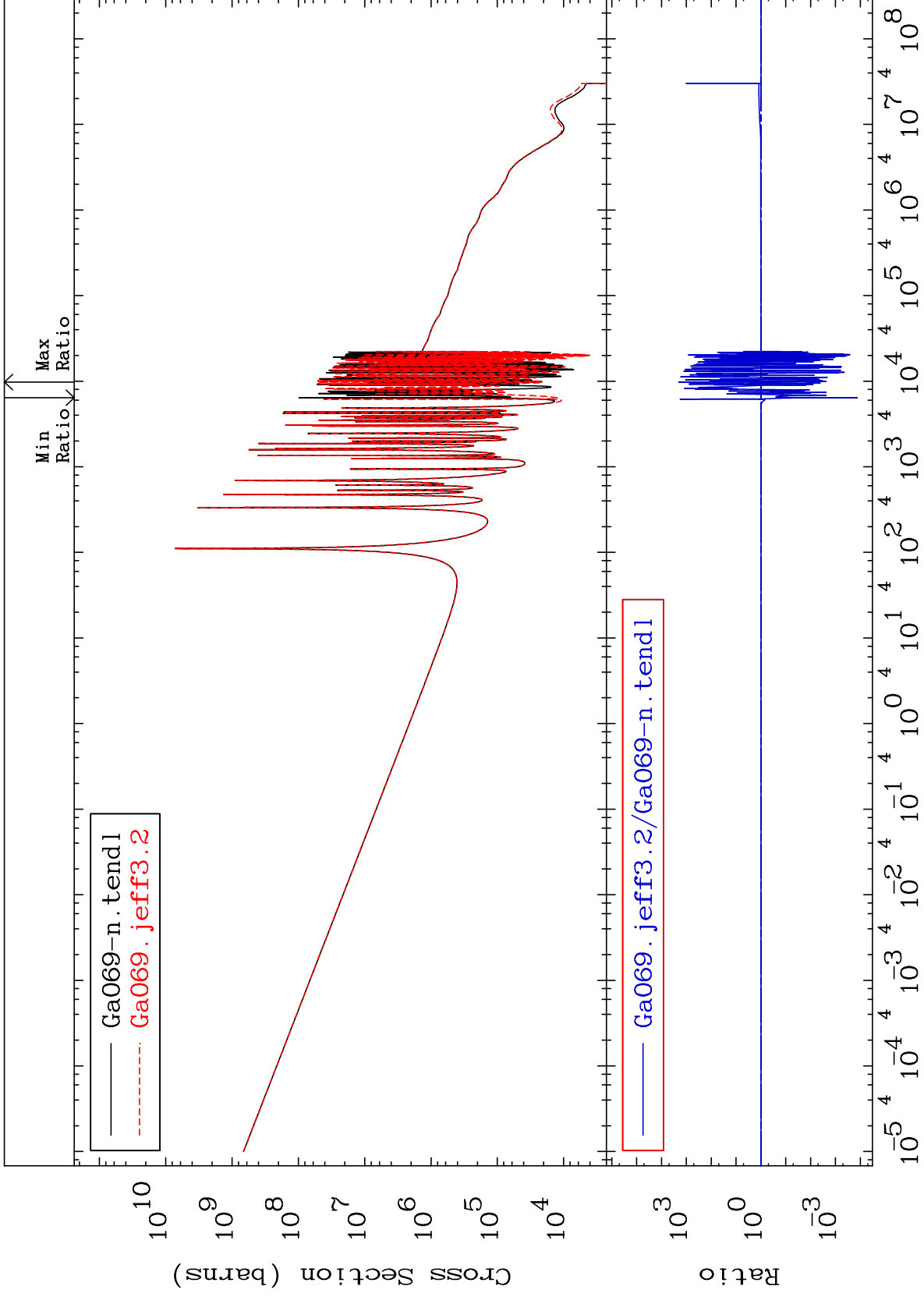
31-Ga-69
-0.537 To 8.852 %

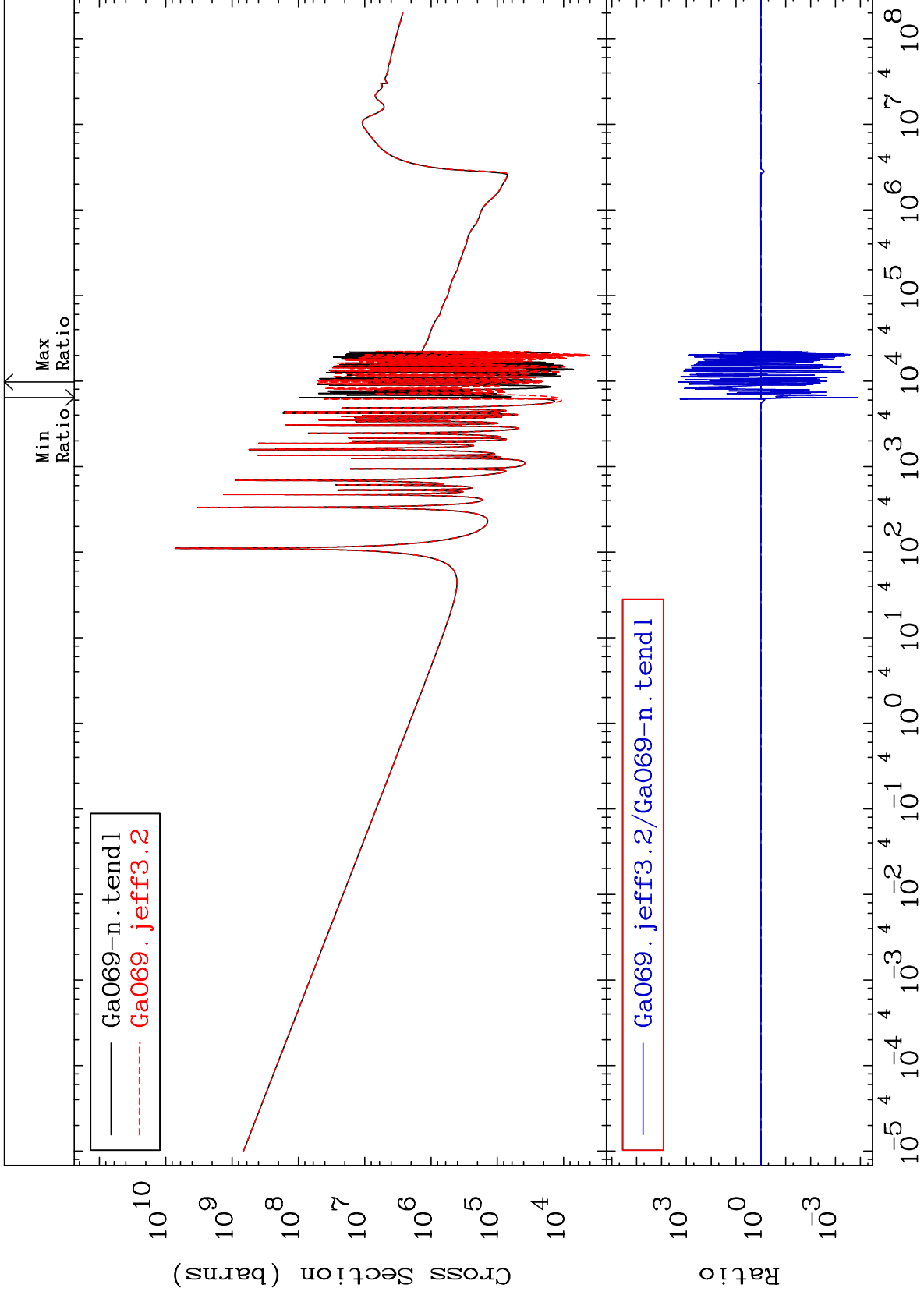


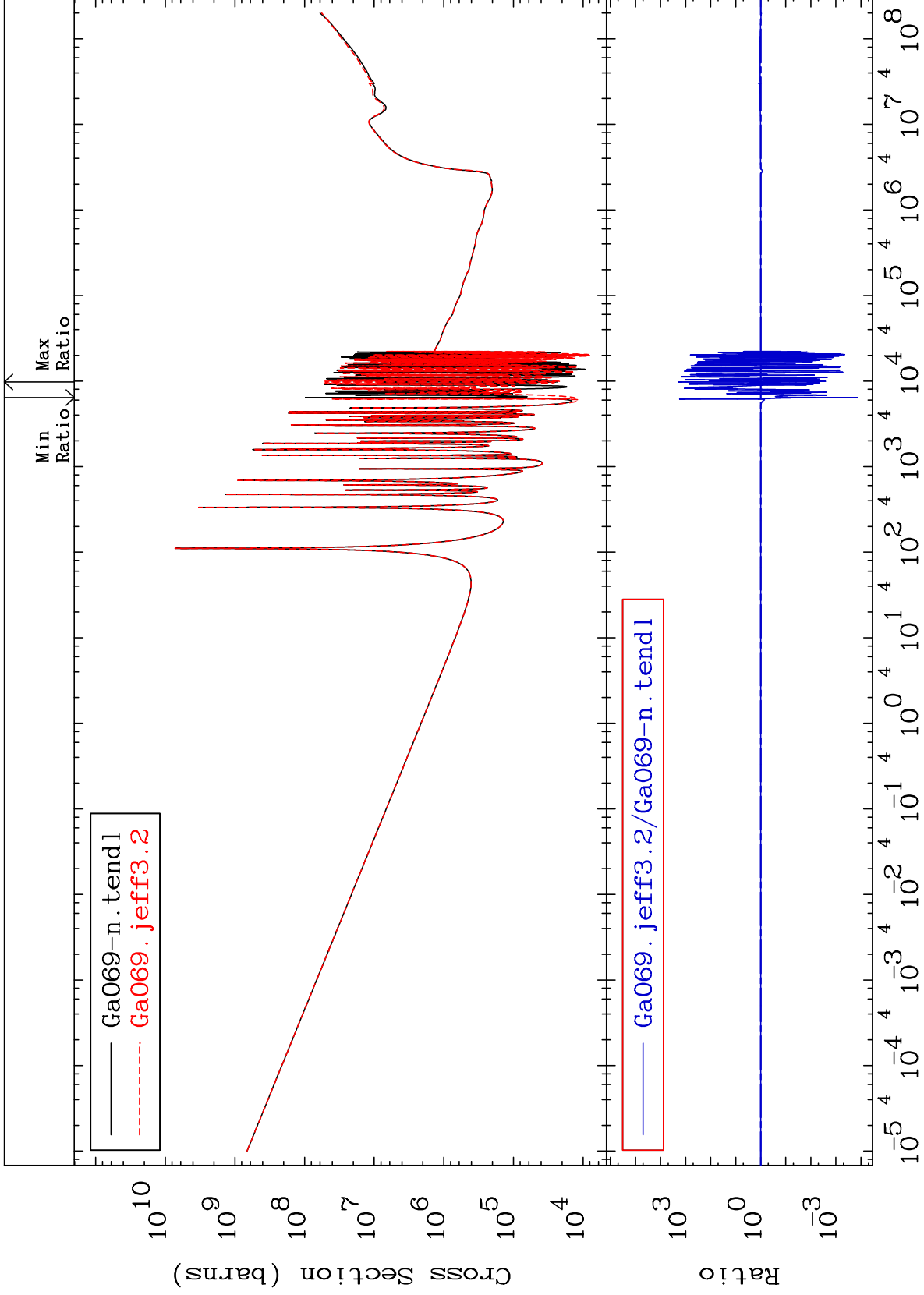
71

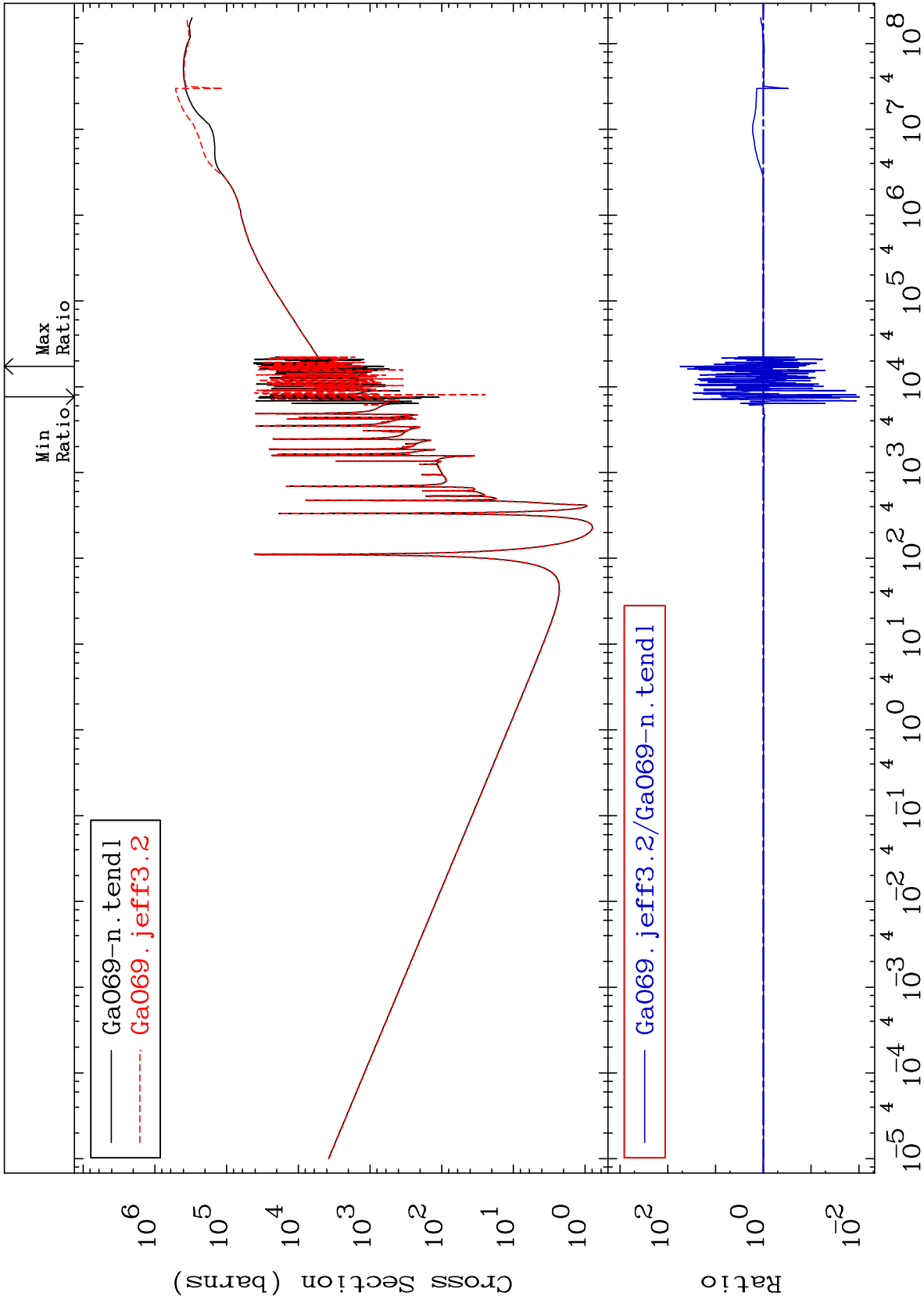
Incident Energy (eV)

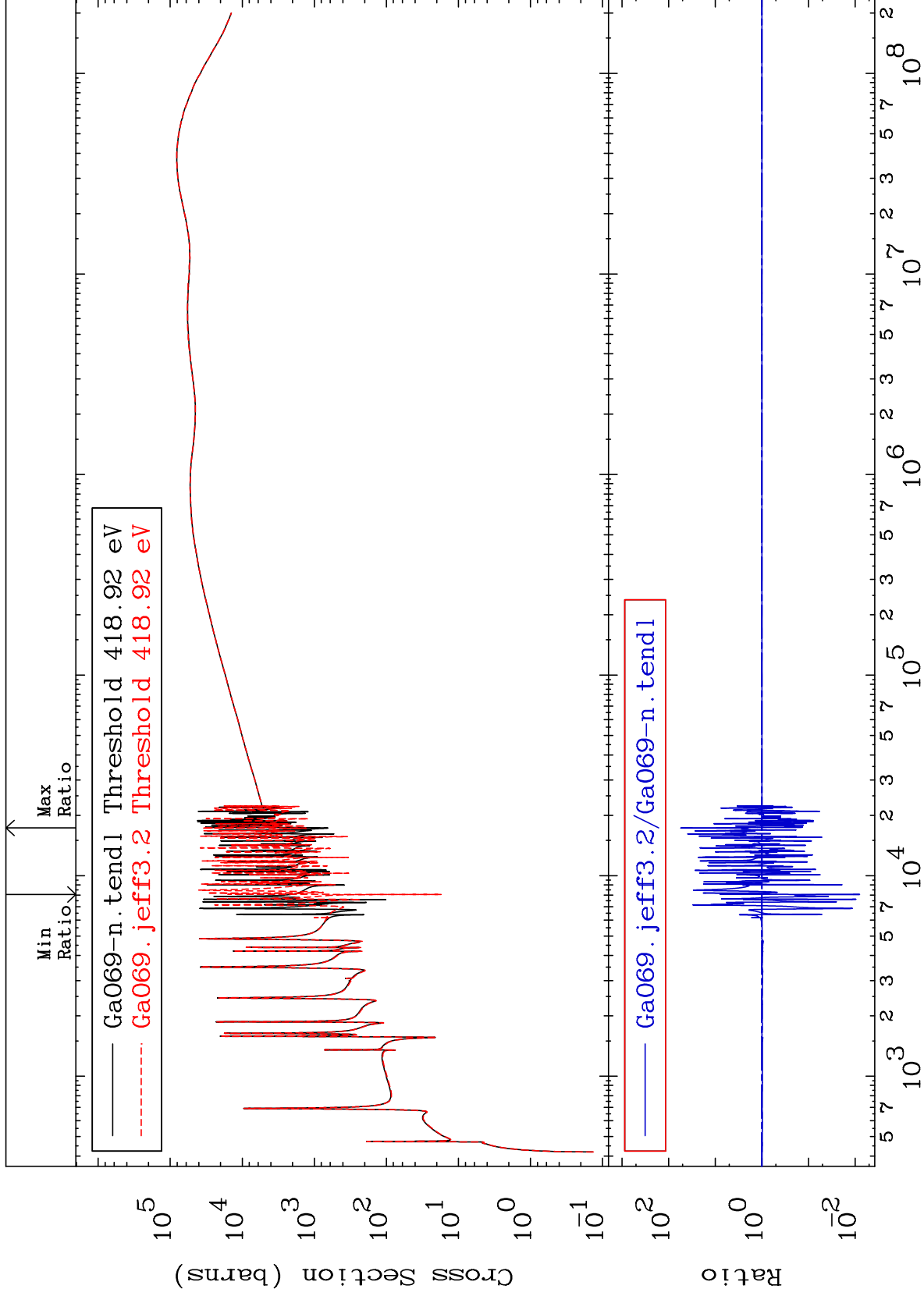
31-Ga-69







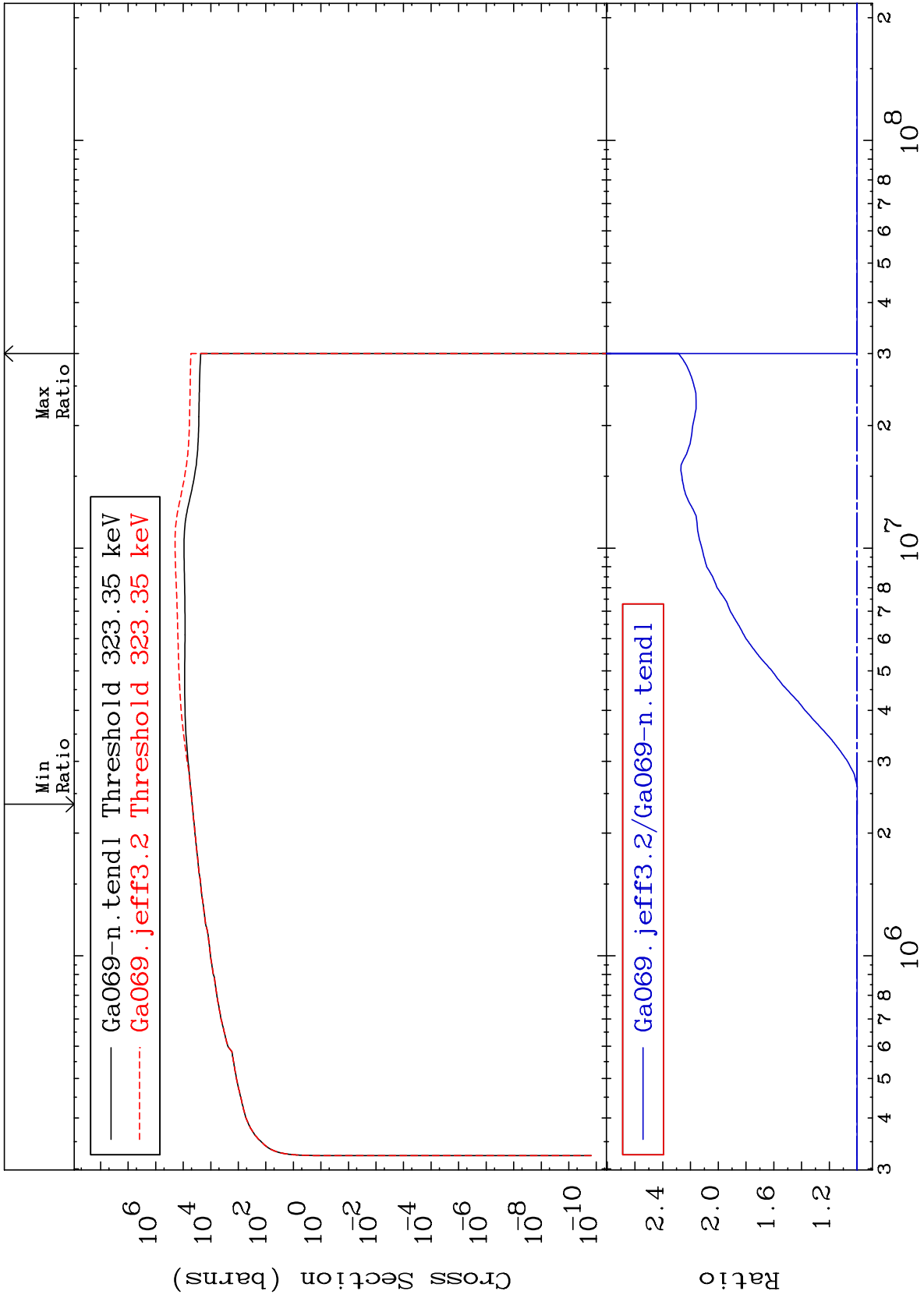


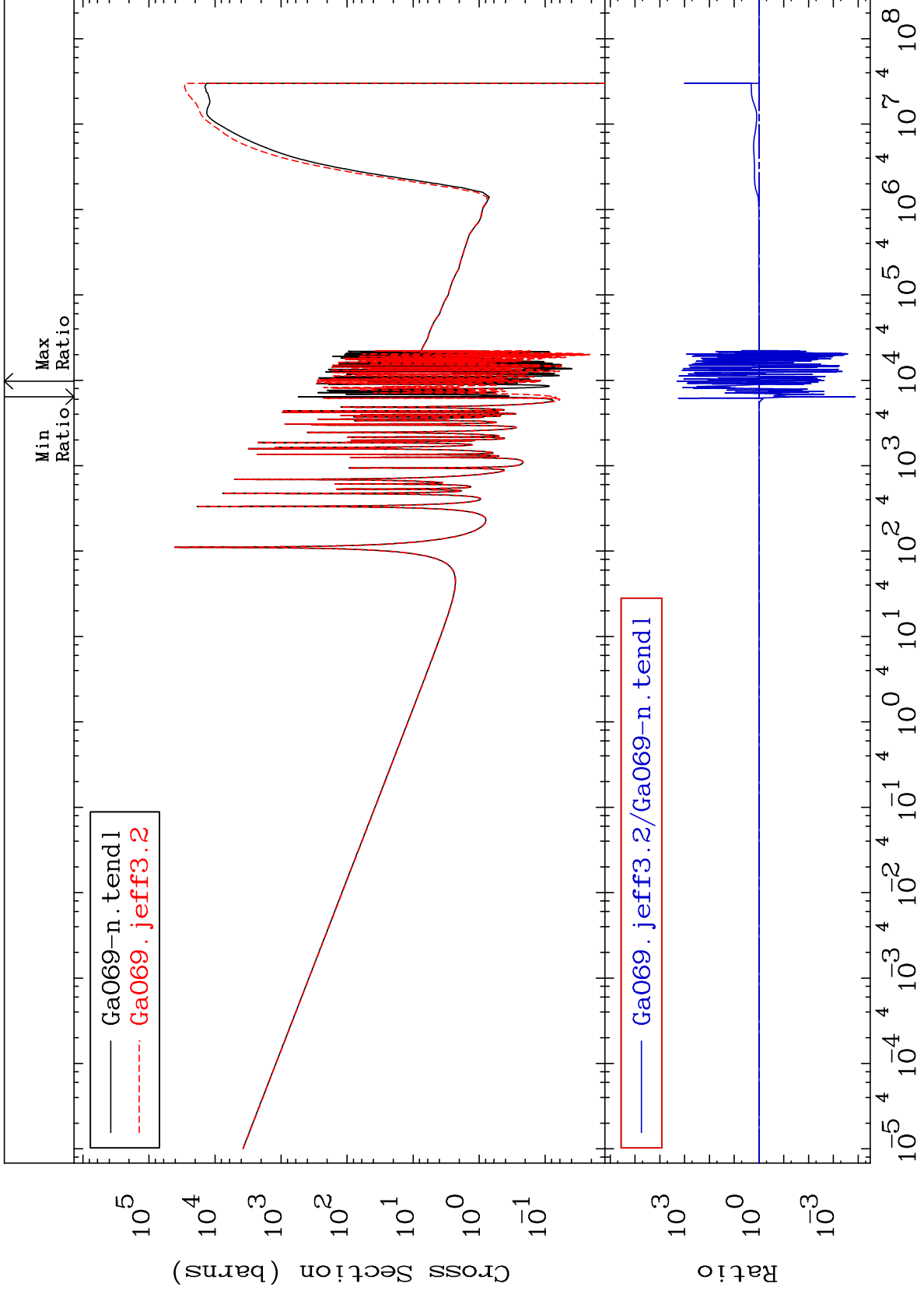


MAT 3125

Dpa inelastic (mt51-91)
Cross Section

31-Ga-69
-0.099 To 128.5 %



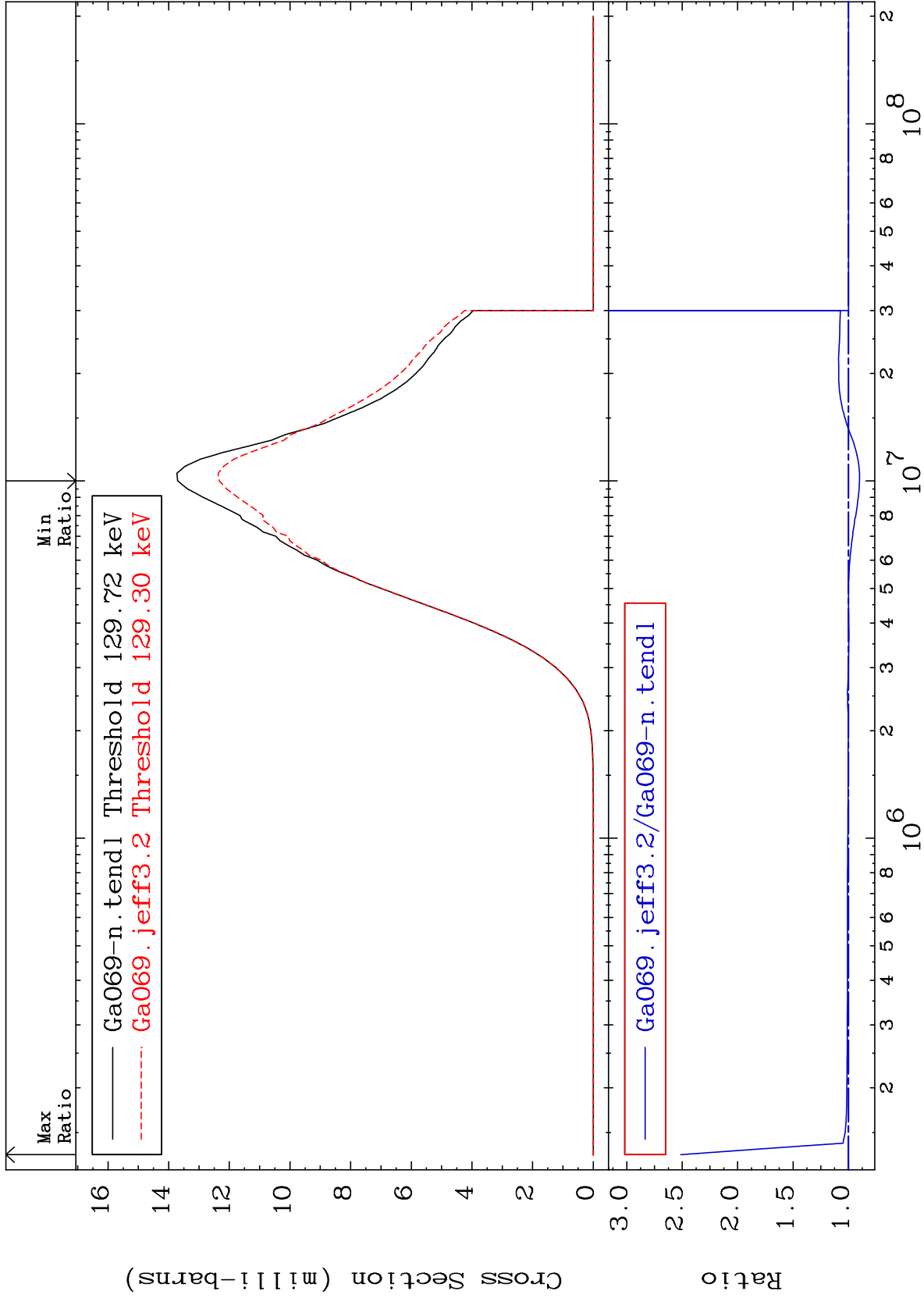


MAT 3125

(n, p):30-Zn-69g

31-Ga-69

Radionuclide Production Cross Section -9.989 To 151.3 %



79

Incident Energy (eV)

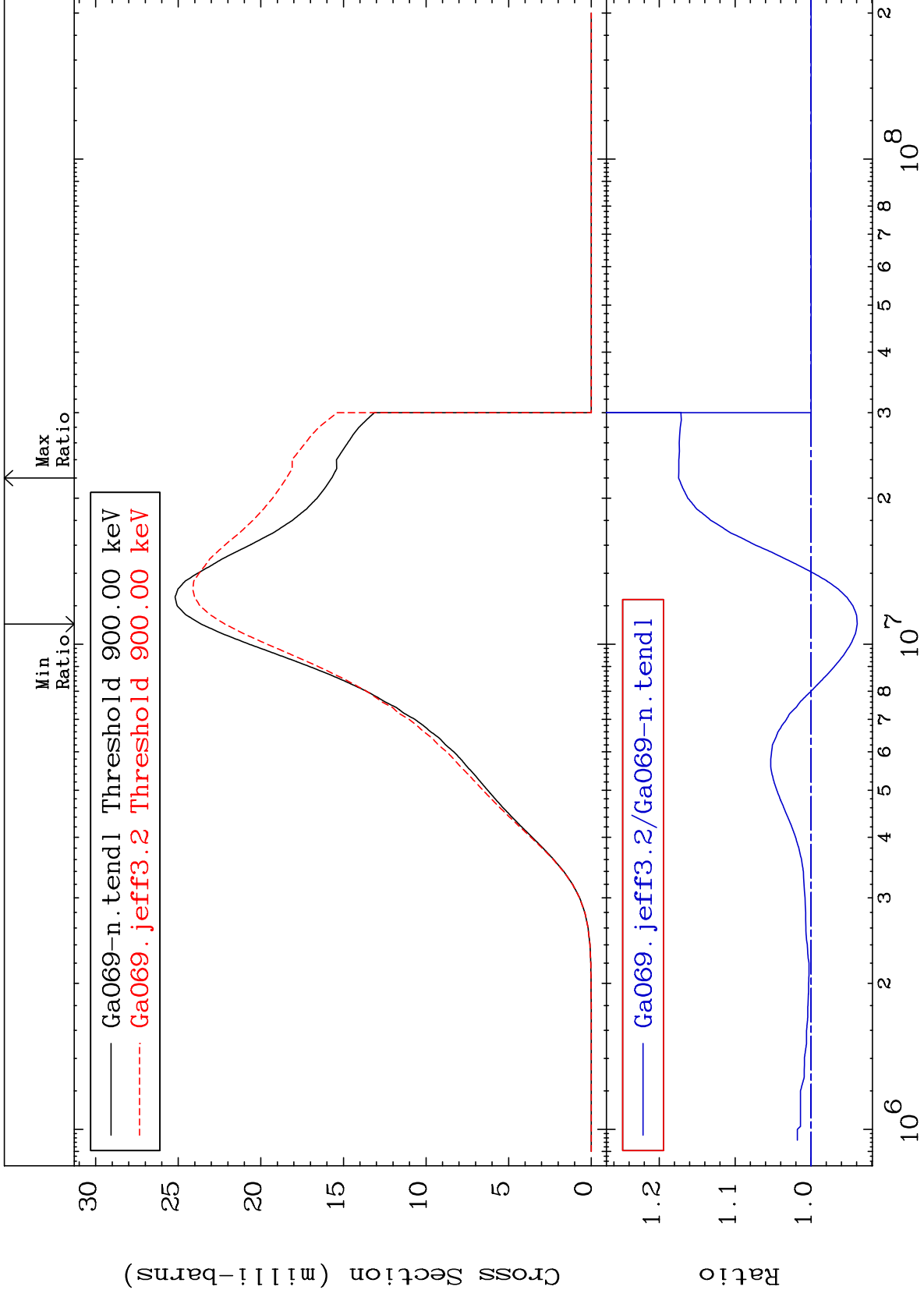
31-Ga-69

MAT 3125

(n, p) : 30-Zn-69m1

31-Ga-69

Radionuclide Production Cross Section -6.087 To 17.46 %

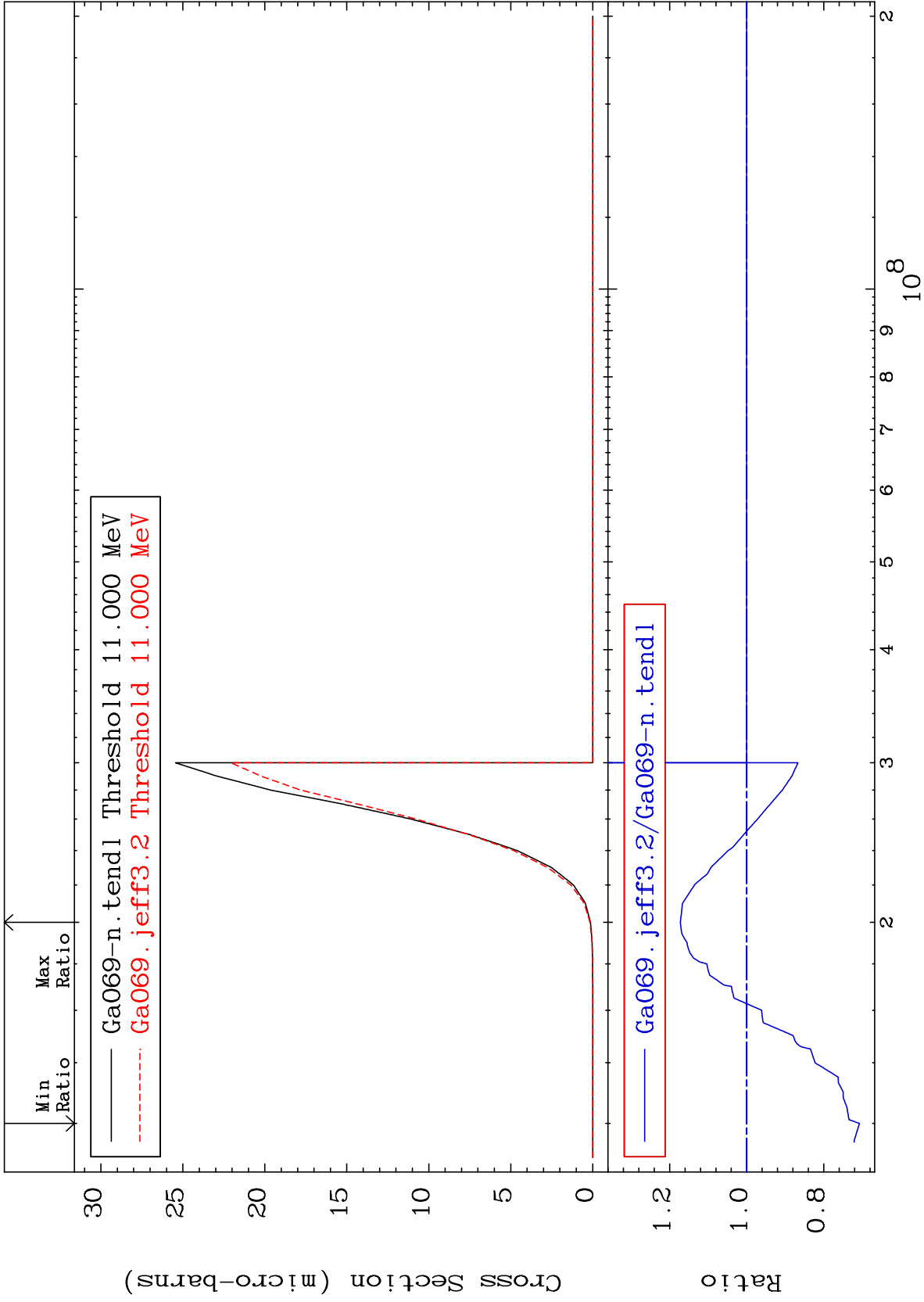


80

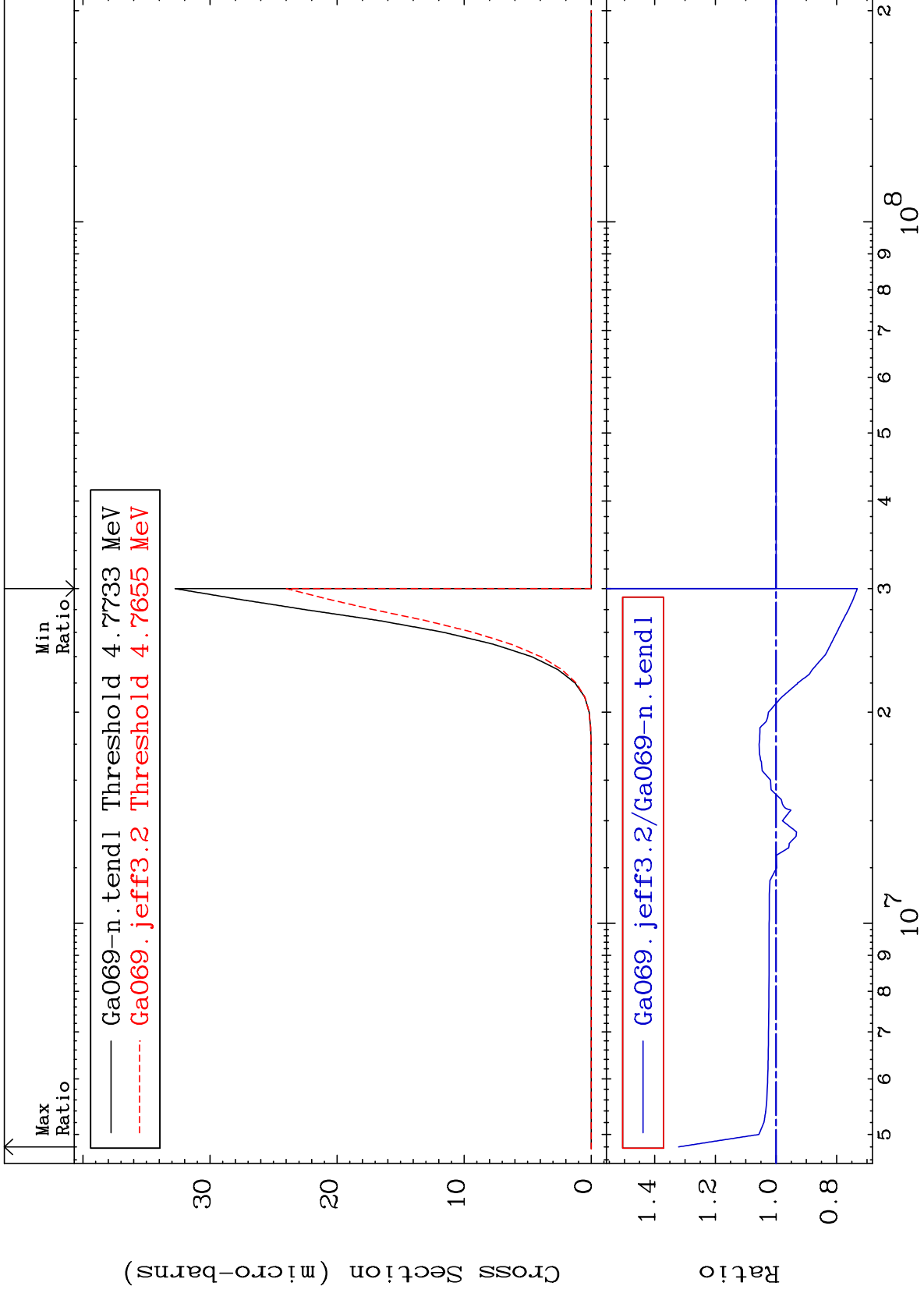
Incident Energy (eV)

31-Ga-69

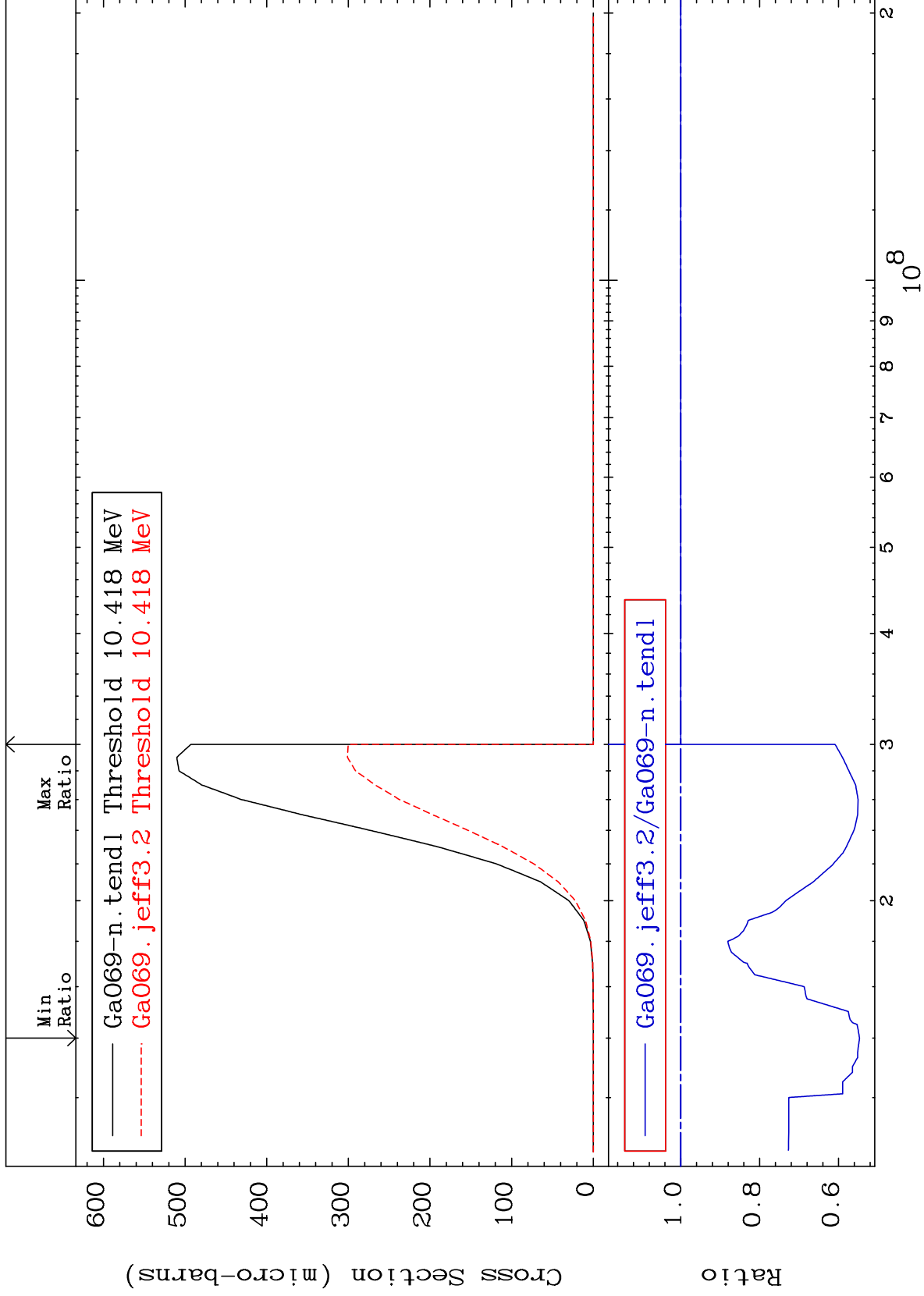
(n,2α):27-Co-62g
Radionuclide Production Cross Section -29.25 To 17.22 %



Radionuclide Production Cross Section -26.77 To 32.12 %



Radionuclide Production Cross Section -45.31 To 0.000 %



Radionuclide Production Cross Section -29.59 To 46.36 %

