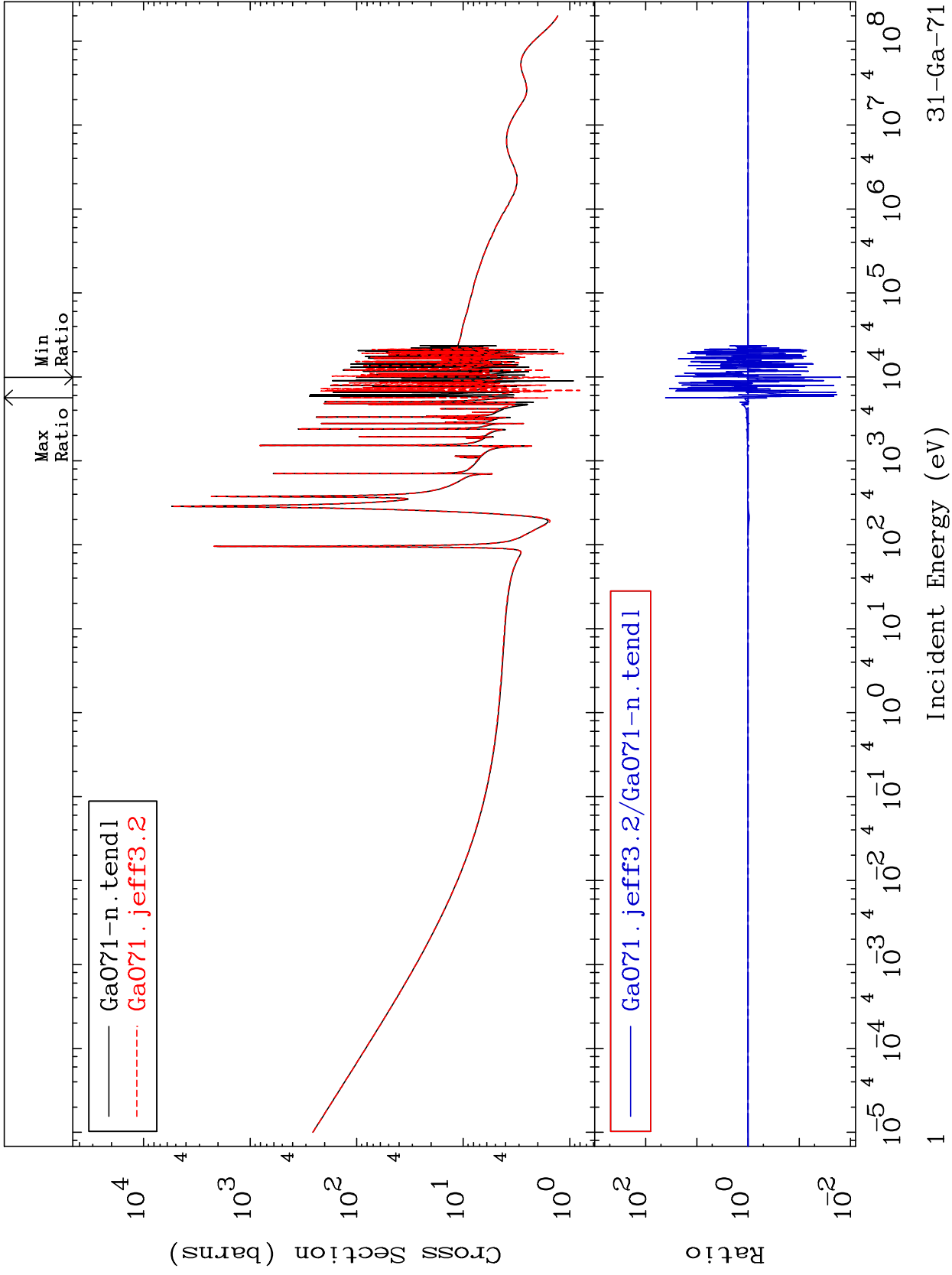


MAT 3131

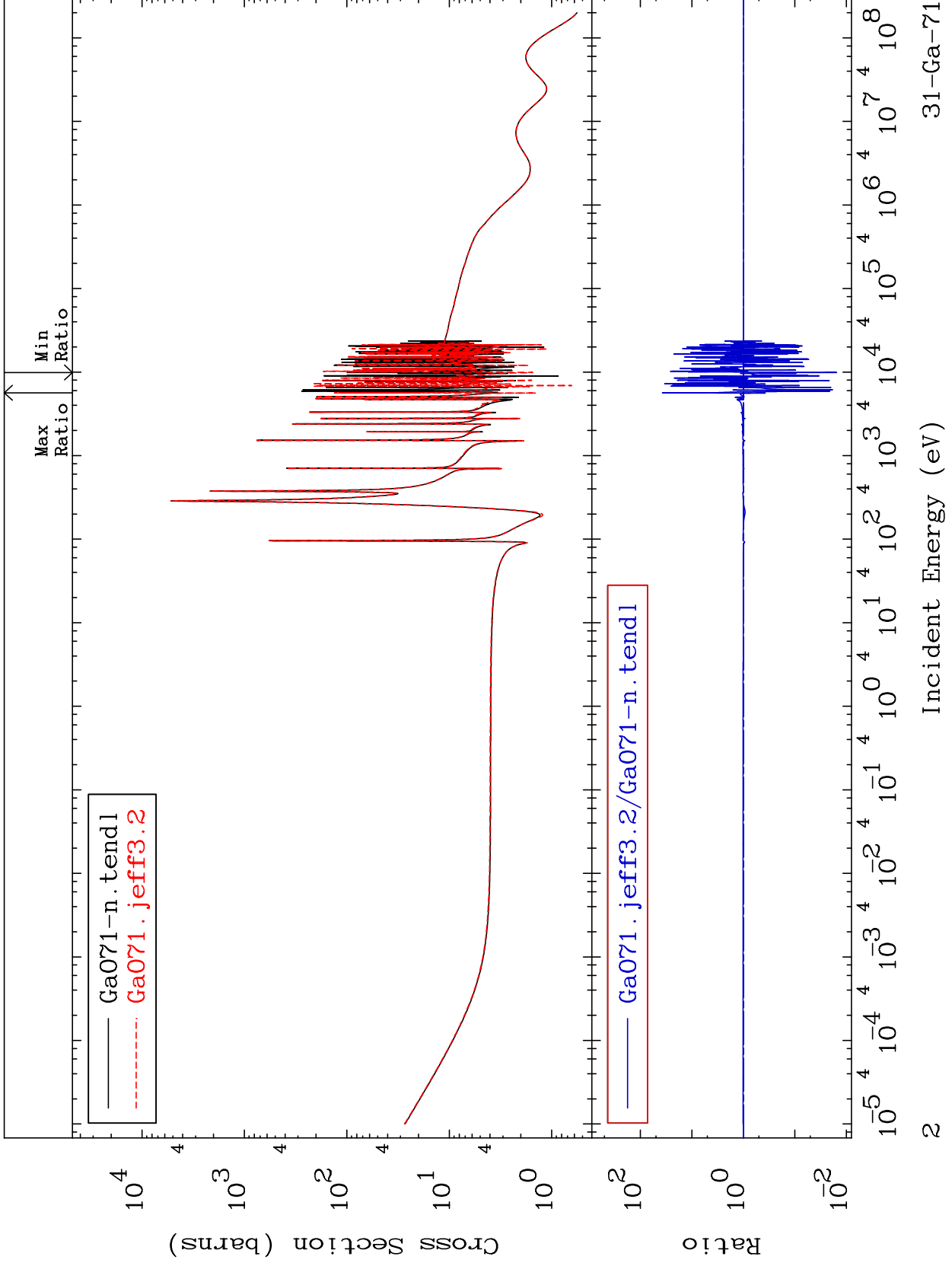
Total Cross Section
31-Ga-71
-98.45 To 3986. %



MAT 3131

Elastic
Cross Section

31-Ga-71
-98.46 To 3657. %



31-Ga-71

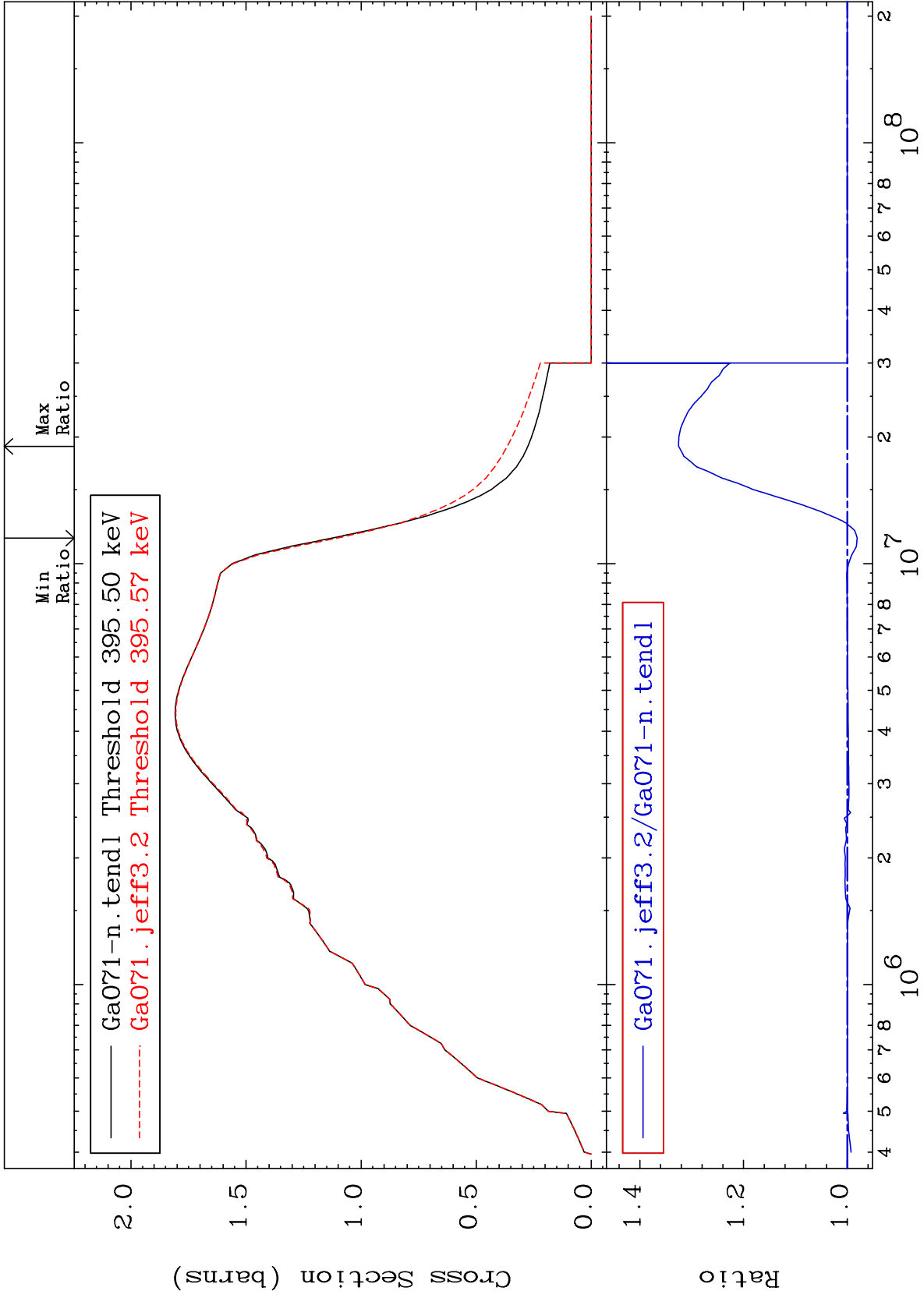
Incident Energy (eV)

2

MAT 3131

Inelastic
Cross Section

31-Ga-71
-1.923 To 32.52 %



3

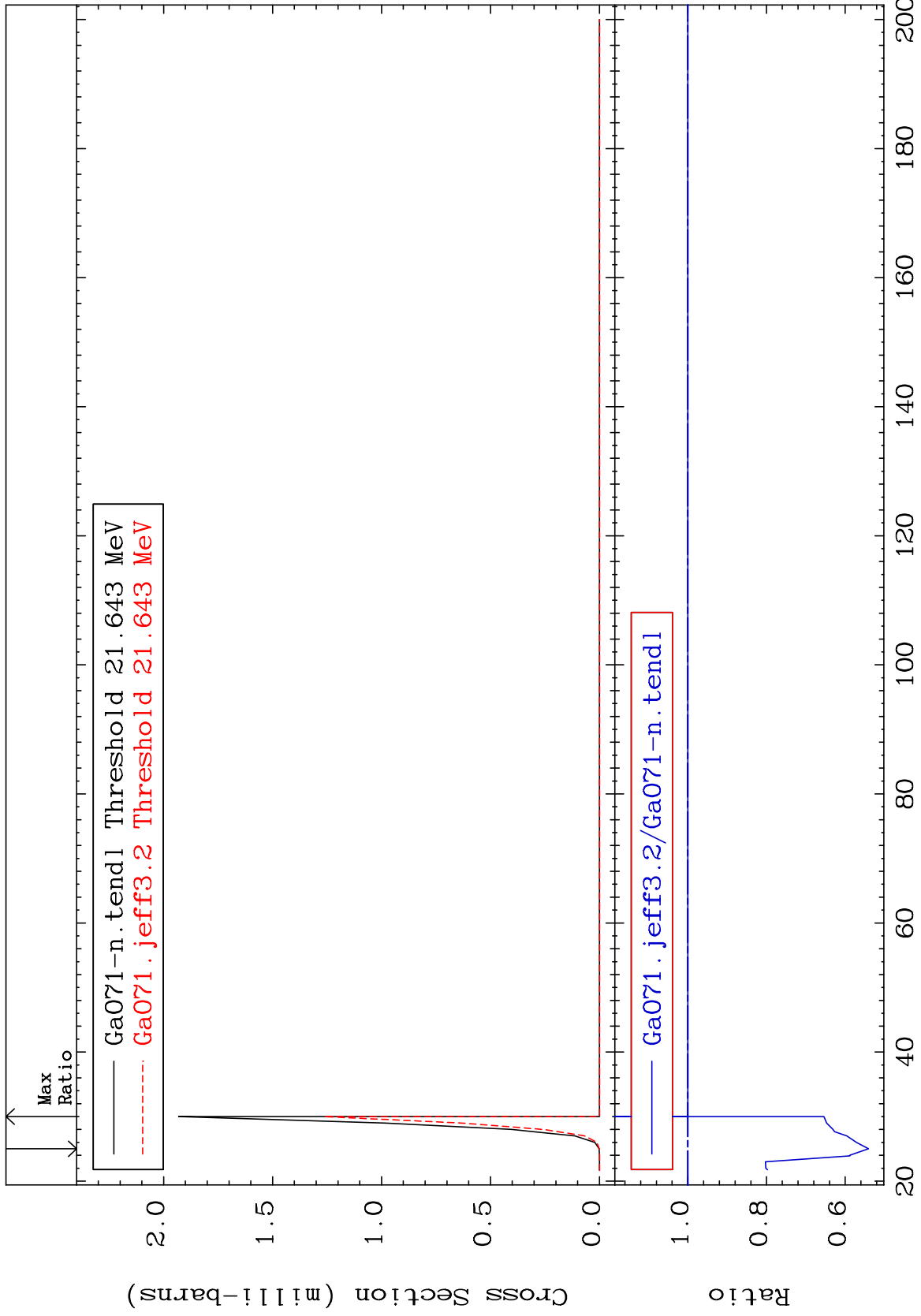
Incident Energy (eV)

31-Ga-71

MAT 3131

(n,2n) d
Cross Section

31-Ga-71
-45.91 To 0.000 %



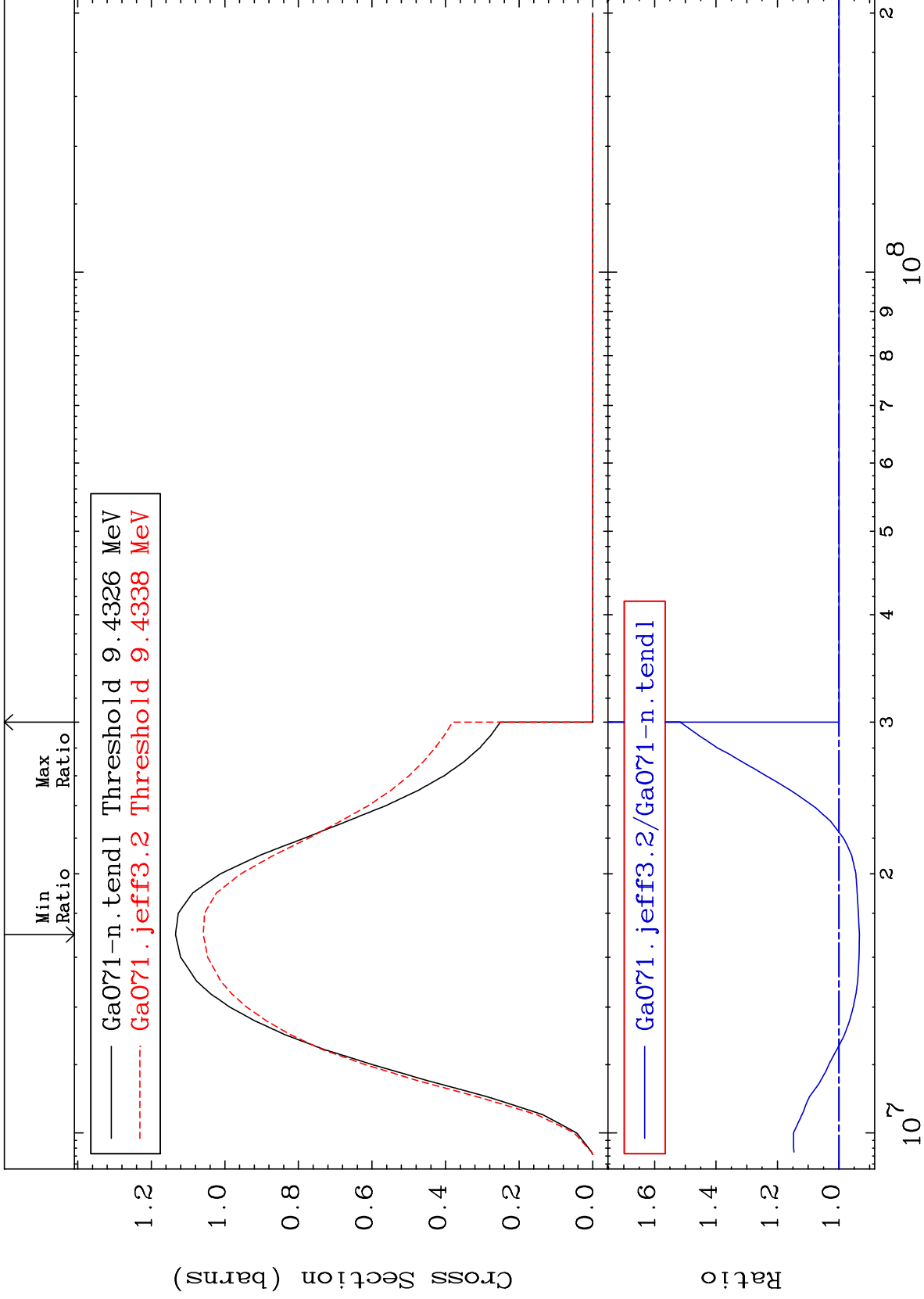
MAT 3131

(n,2n)

³¹Ga-71

Cross Section

-6.669 To 51.61 %



Incident Energy (eV)

³¹Ga-71

5

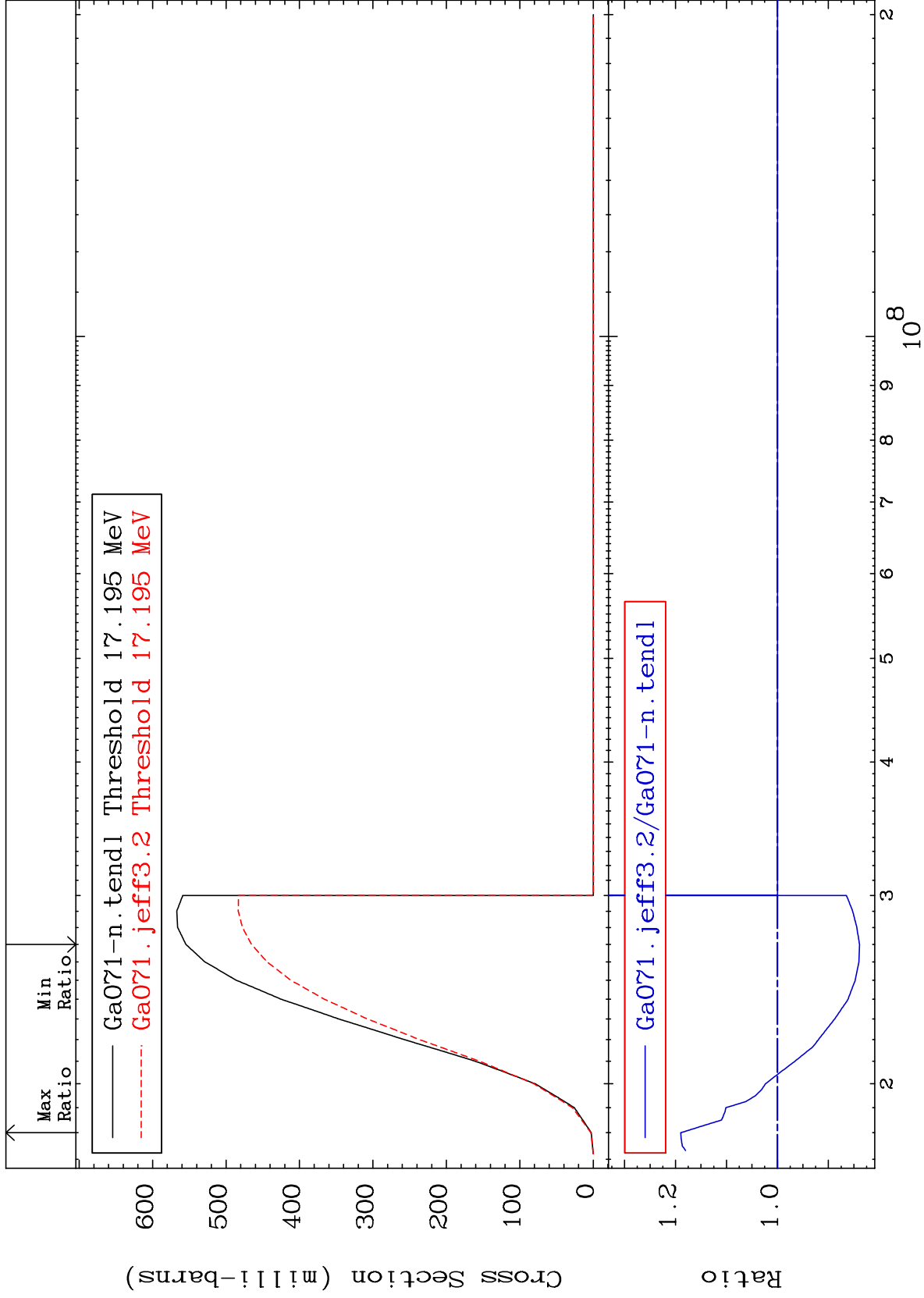
MAT 3131

(n,3n)

³¹Ga-71

Cross Section

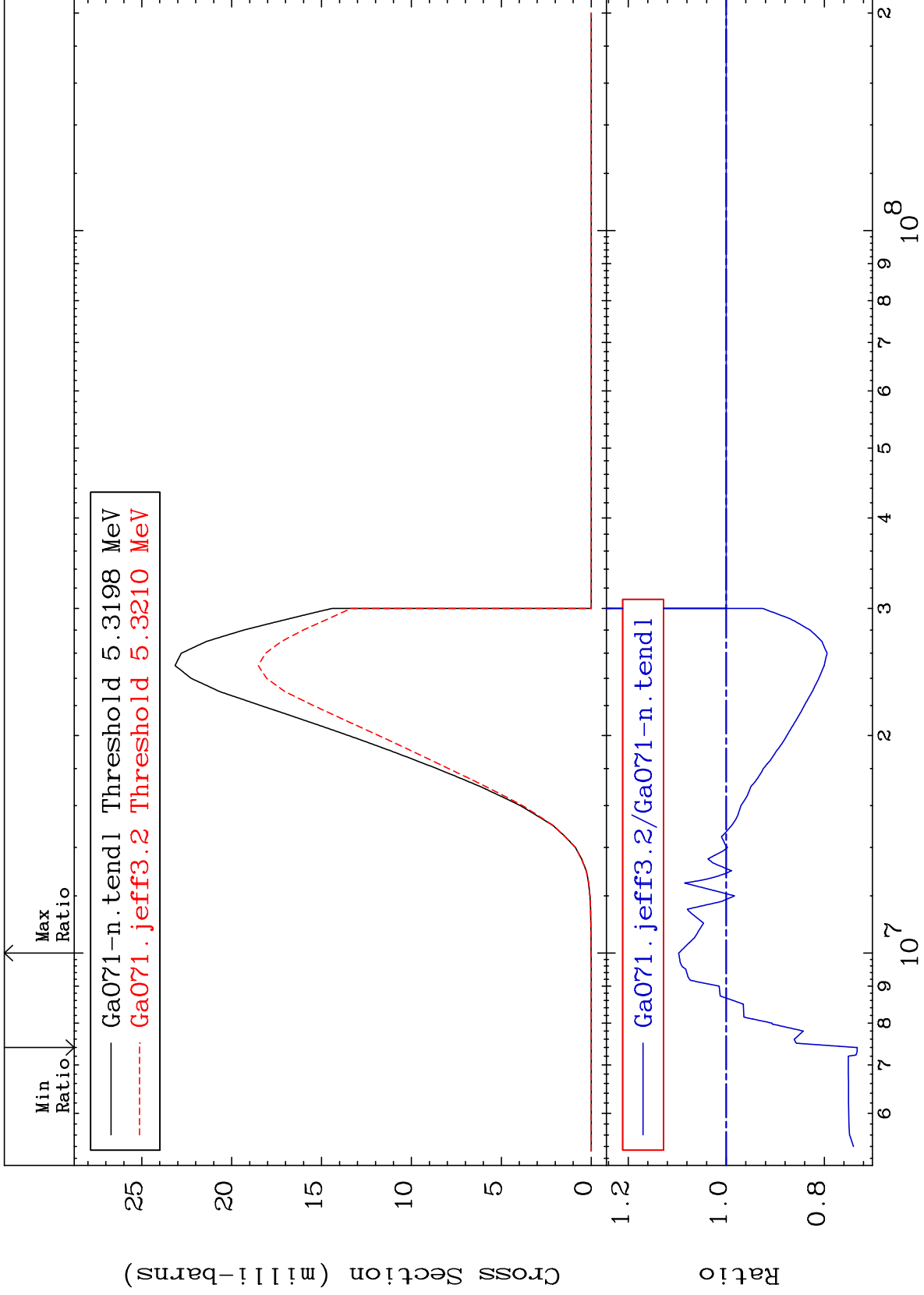
-16.11 To 18.97 %



MAT 3131

(n, n') α
Cross Section

³¹Ga-71
-26.72 To 9.705 %



7

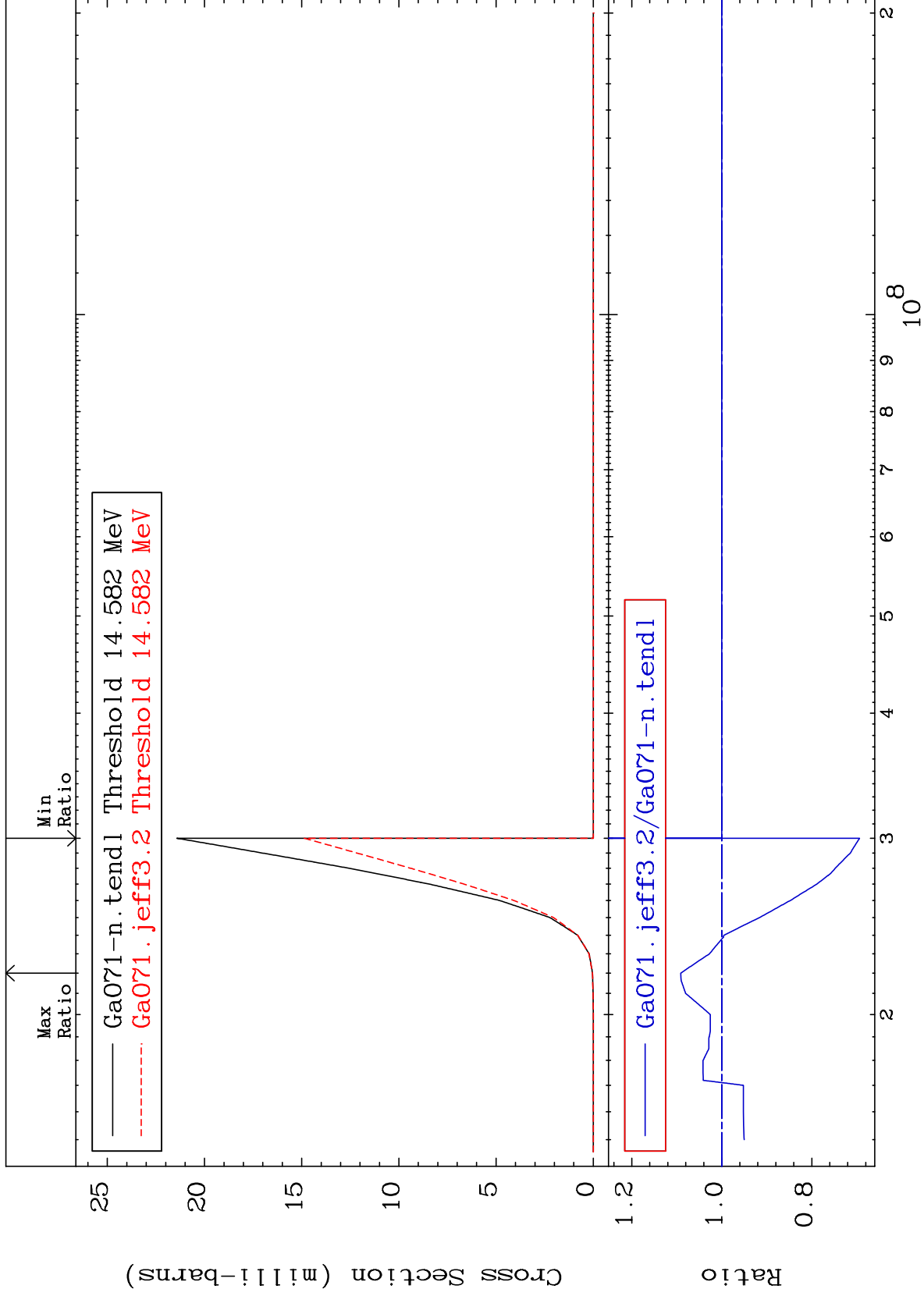
Incident Energy (eV)

³¹Ga-71

MAT 3131

(n,2n) α
Cross Section

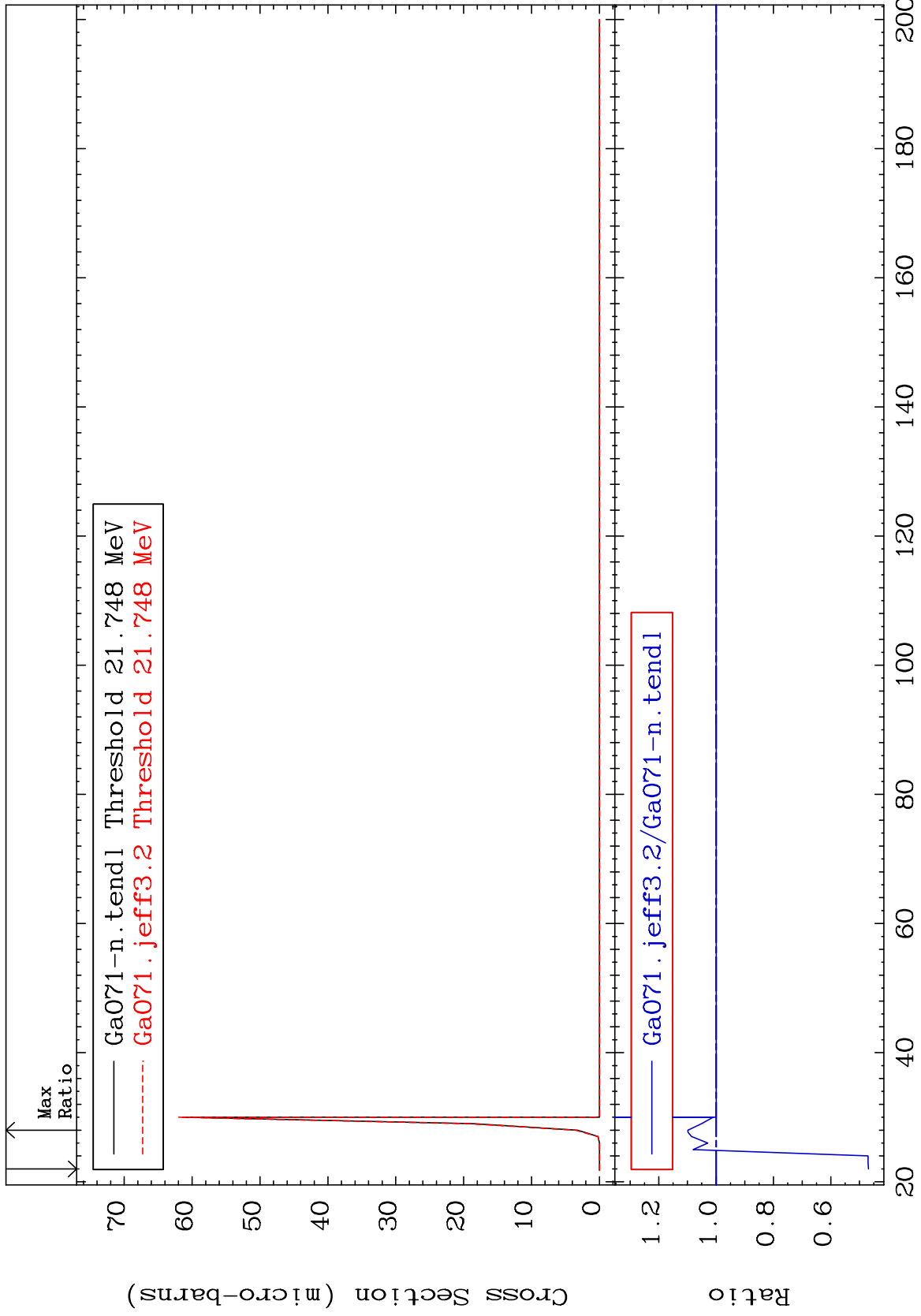
31-Ga-71
-30.62 To 9.117 %



MAT 3131

(n,3n) α
Cross Section

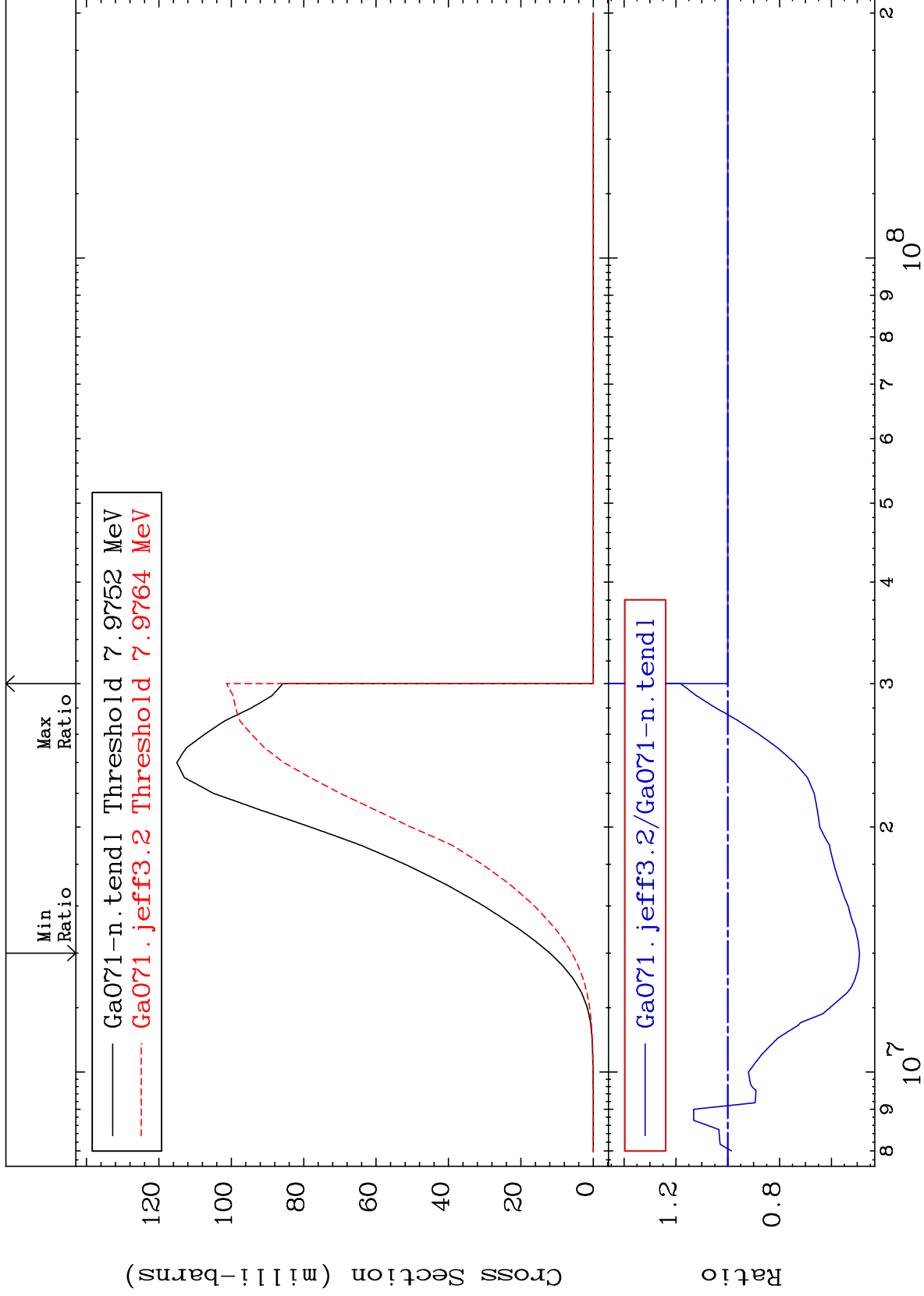
³¹Ga-71
-53.15 To 9.863 %



MAT 3131

(n,n') p
Cross Section

³¹Ga-71
-50.86 To 18.13 %



10

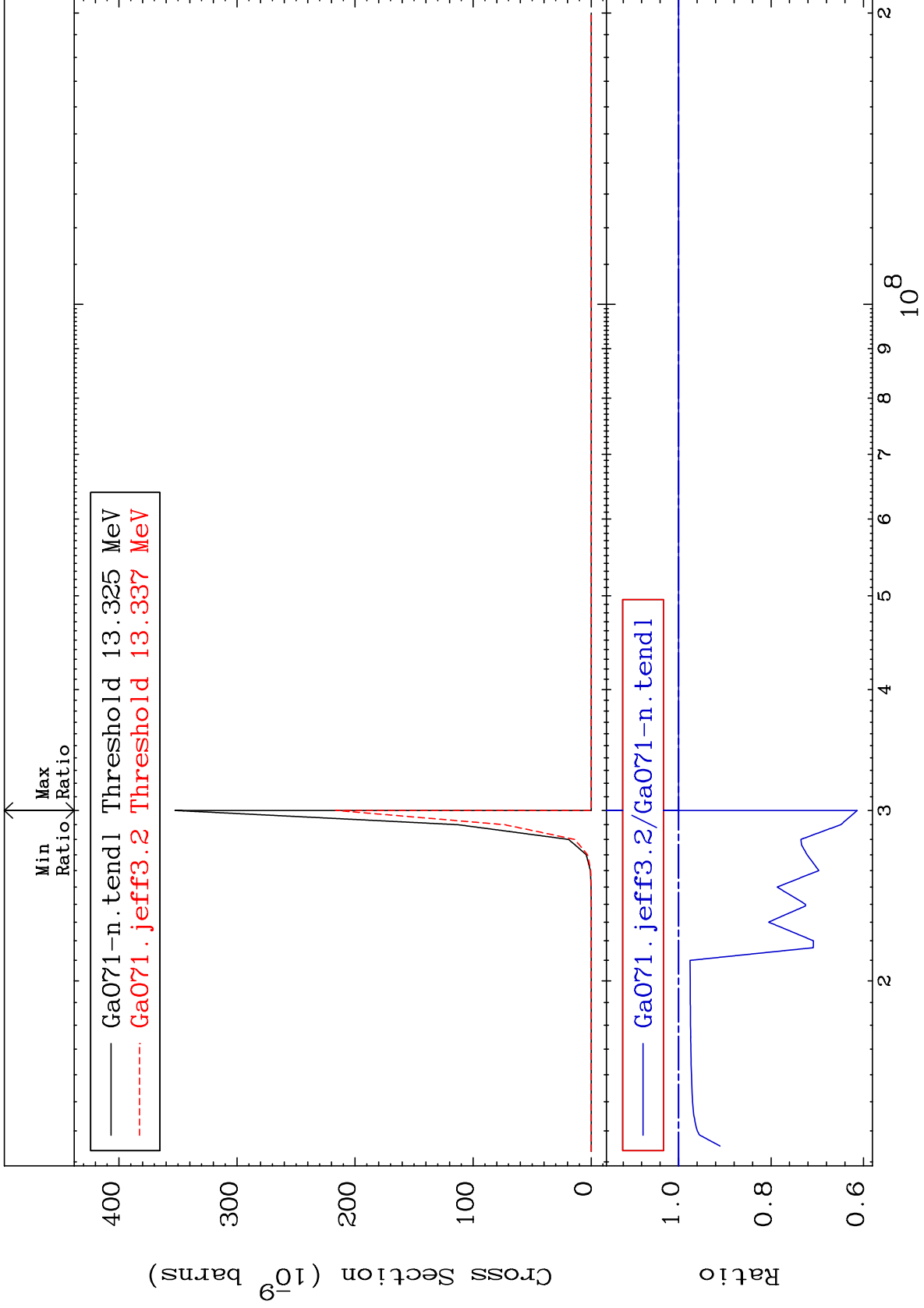
Incident Energy (eV)

³¹Ga-71

MAT 3131

(n, n') 2α
Cross Section

$^{31}\text{Ga-71}$
-38.66 To 0.000 %



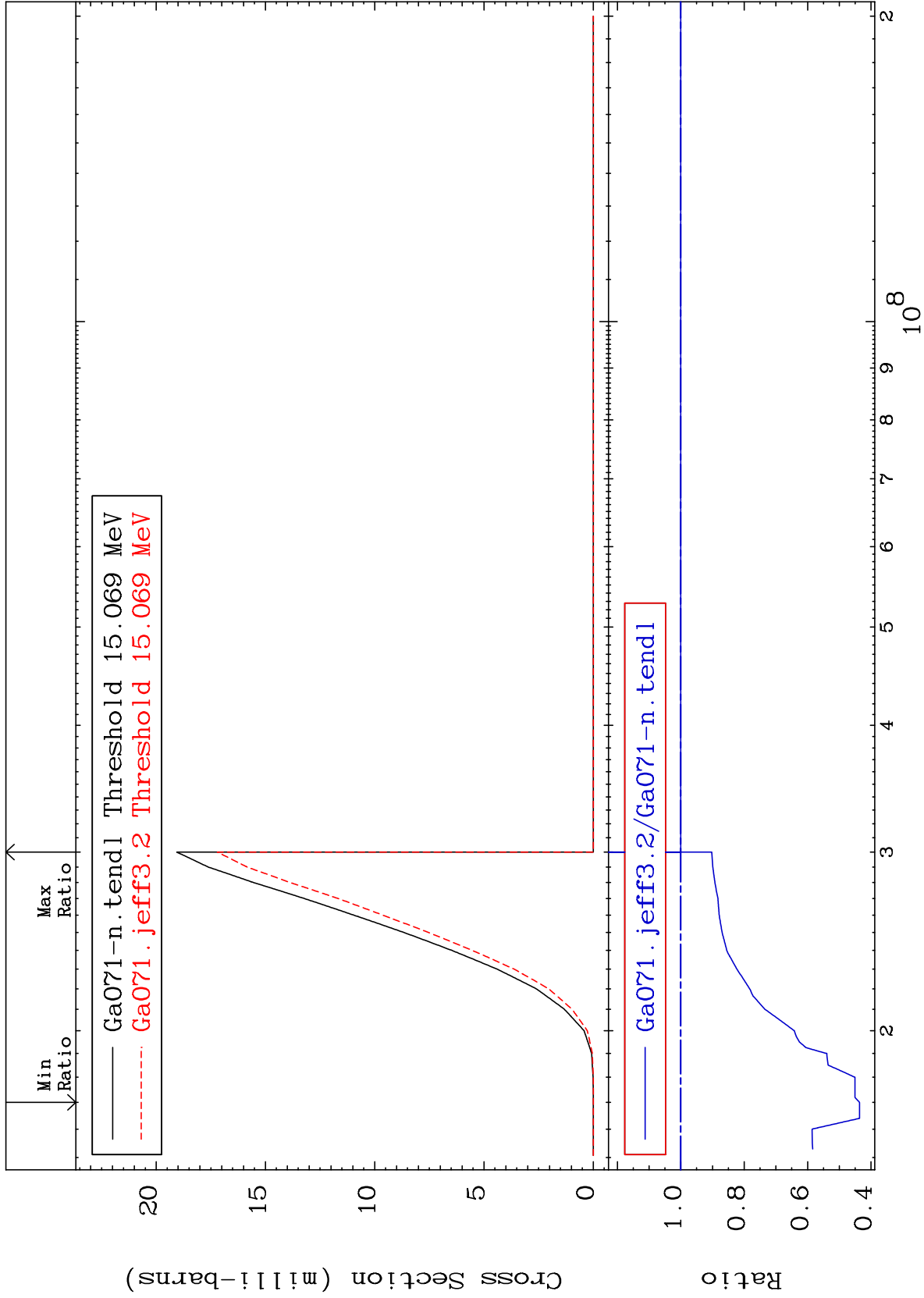
MAT 3131

(n,n') d

³¹Ga-71

Cross Section

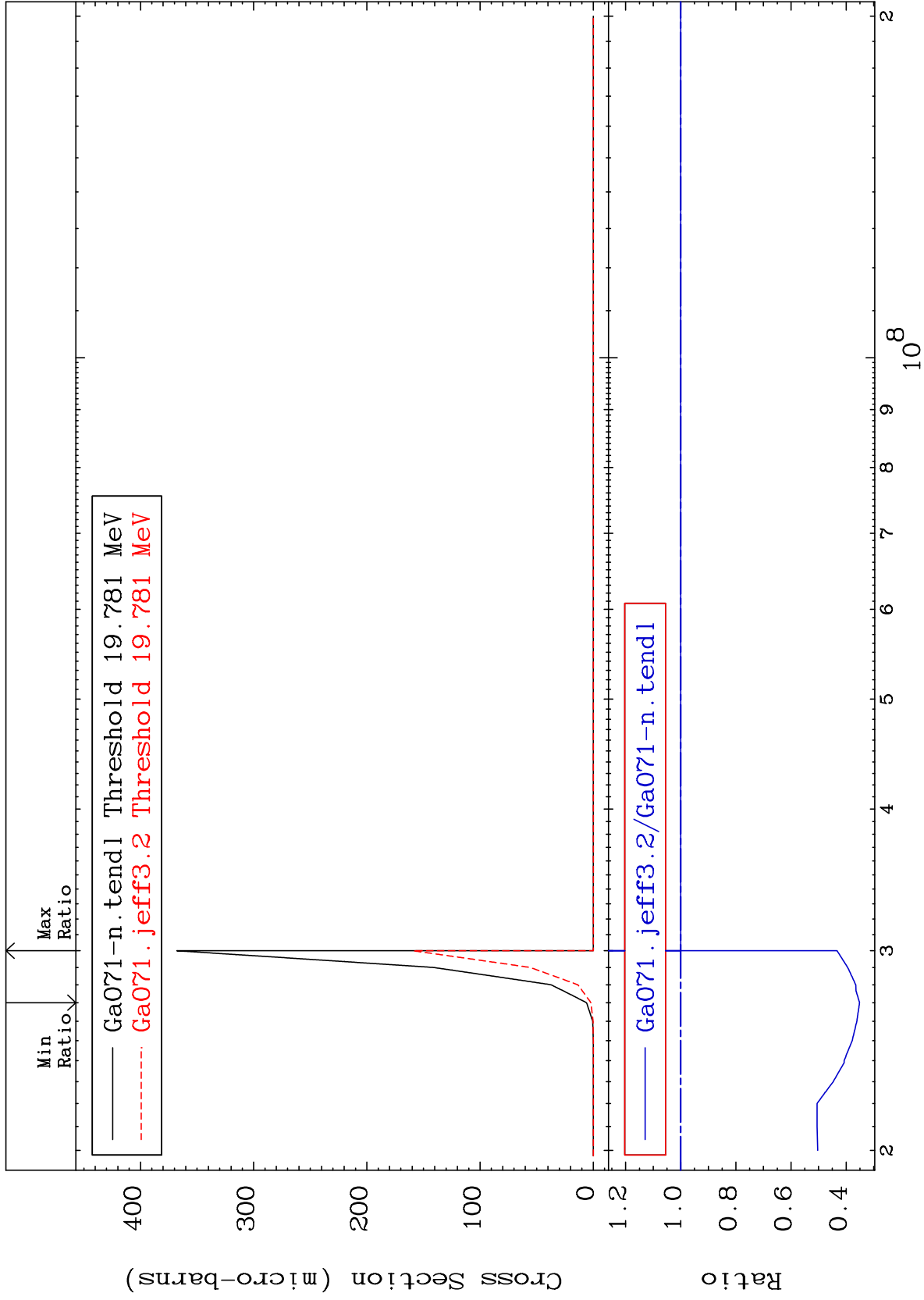
-56.38 To 0.000 %



MAT 3131

(n, n') He-3
Cross Section

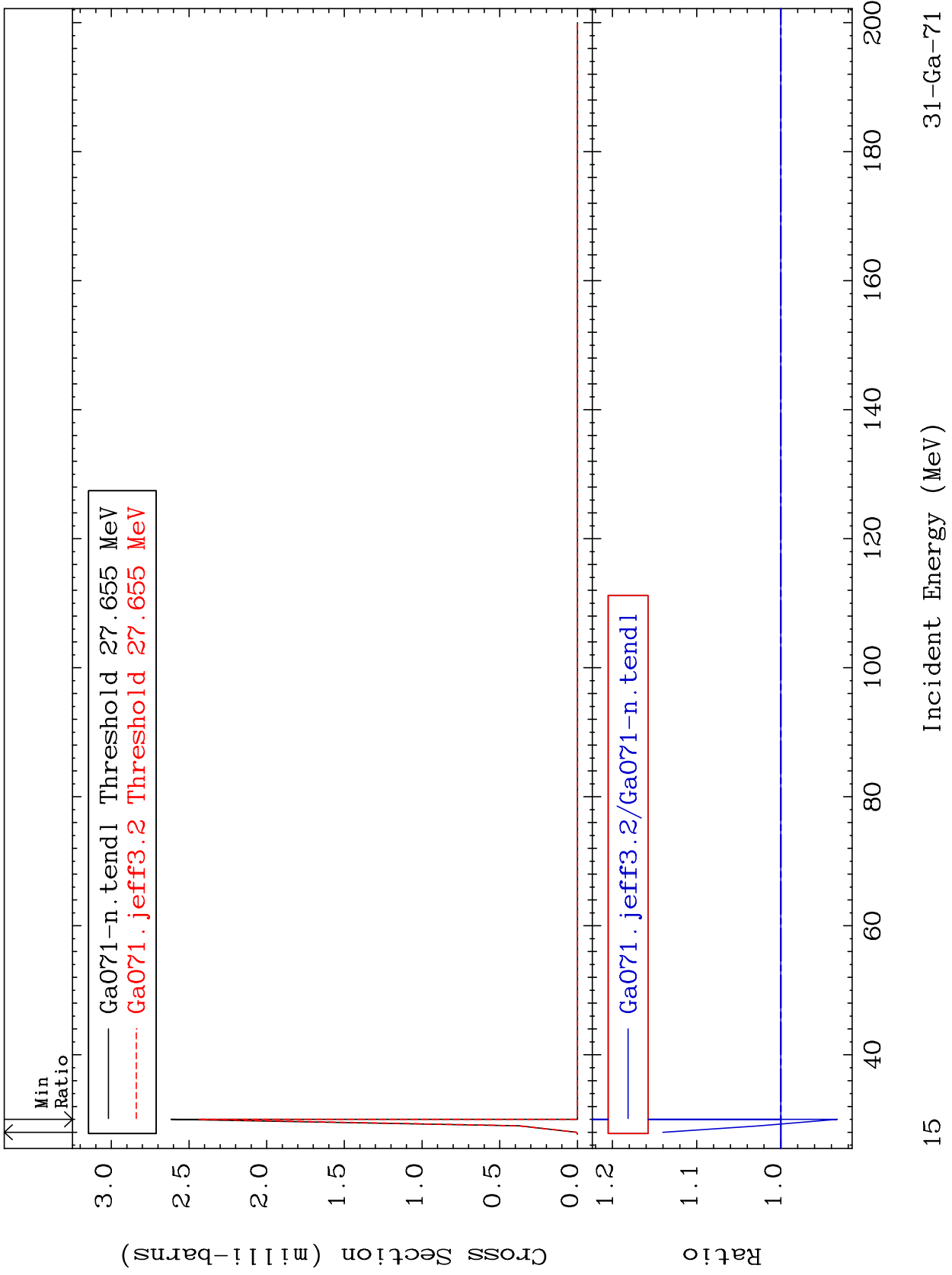
31-Ga-71
-64.86 To 0.000 %



MAT 3131

(n,4n)
Cross Section

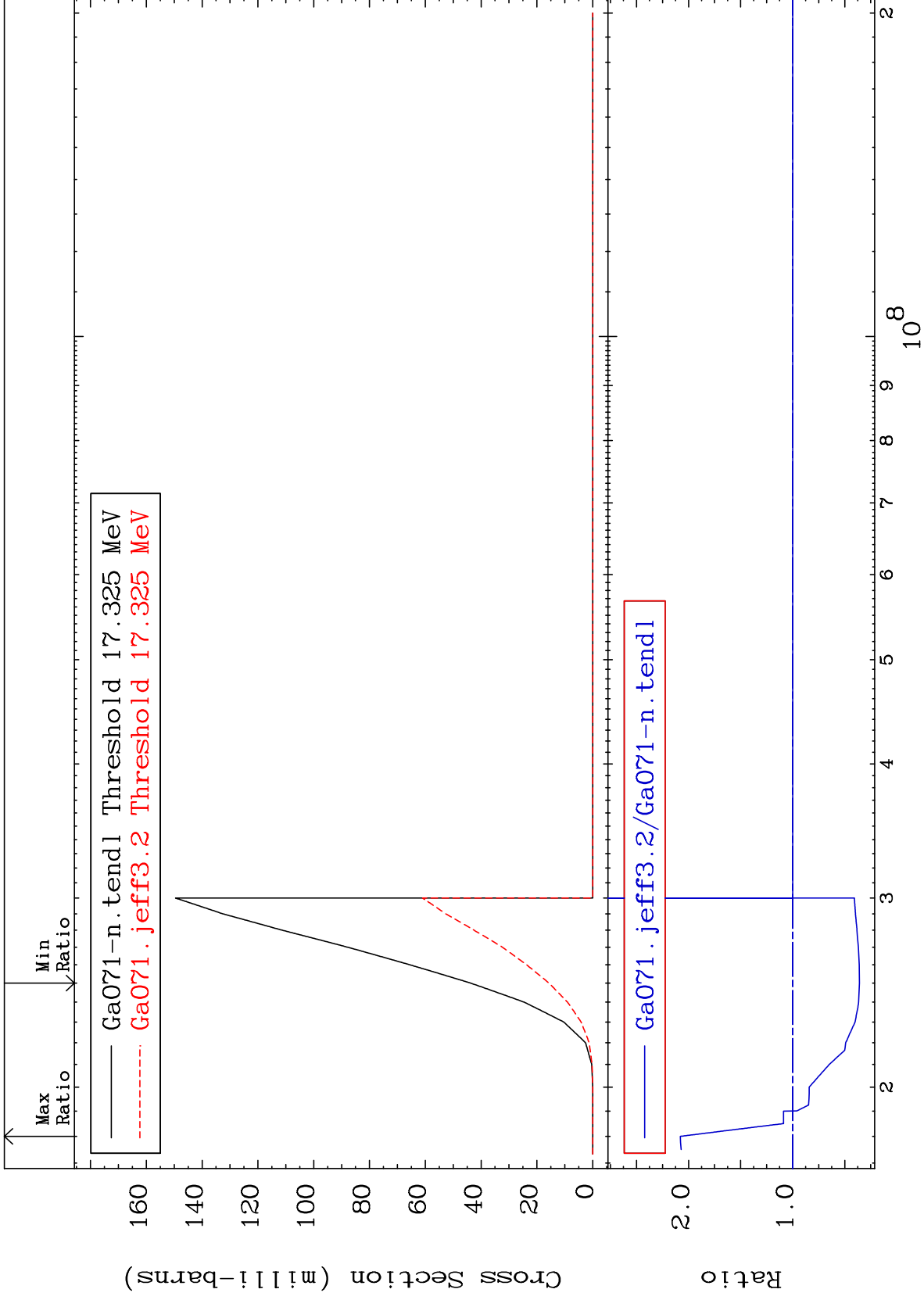
31-Ga-71
-6.697 To 14.02 %



MAT 3131

(n,2n) p
Cross Section

³¹Ga-71
-64.11 To 107.9 %



16

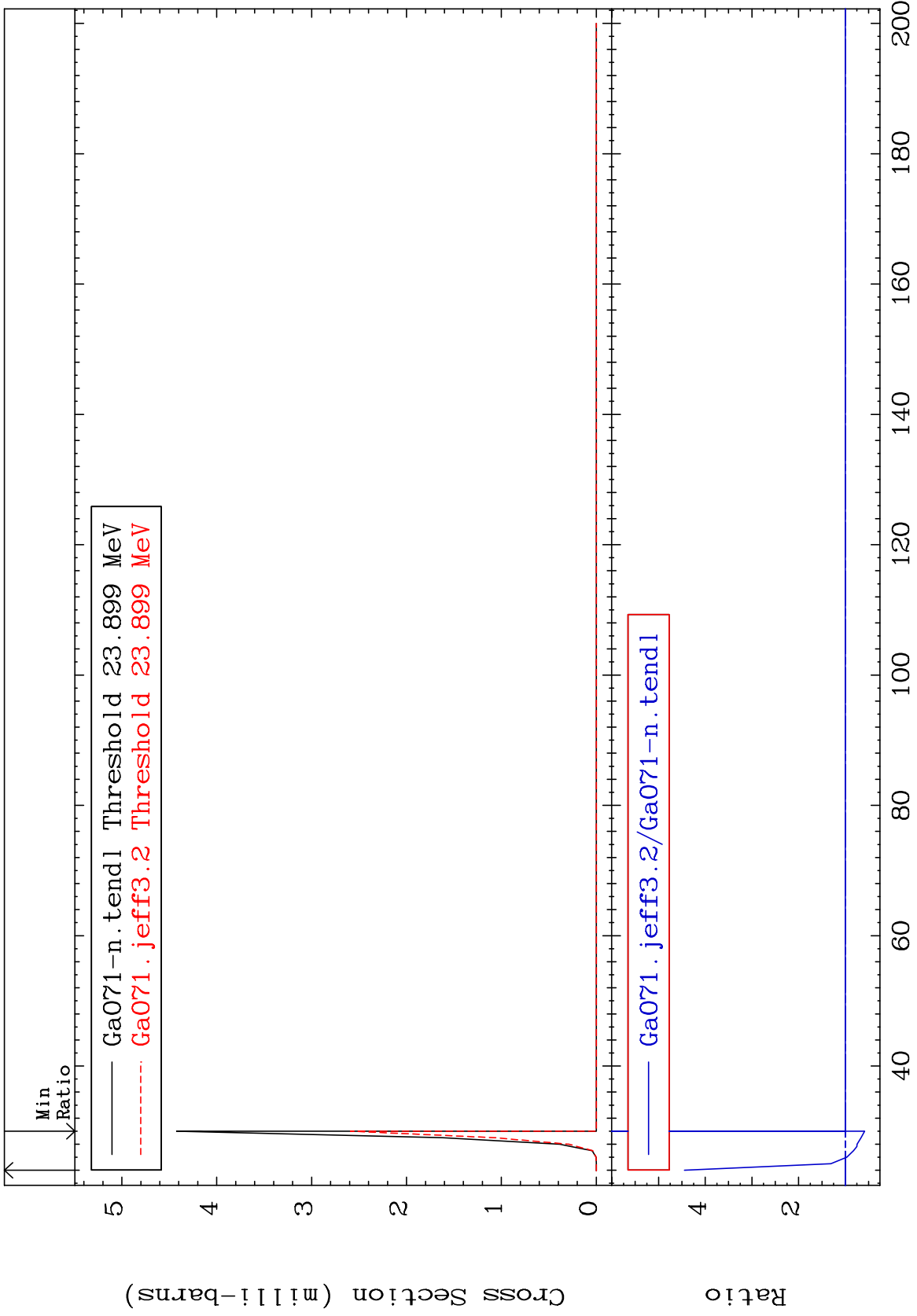
Incident Energy (eV)

³¹Ga-71

MAT 3131

(n,3n) p
Cross Section

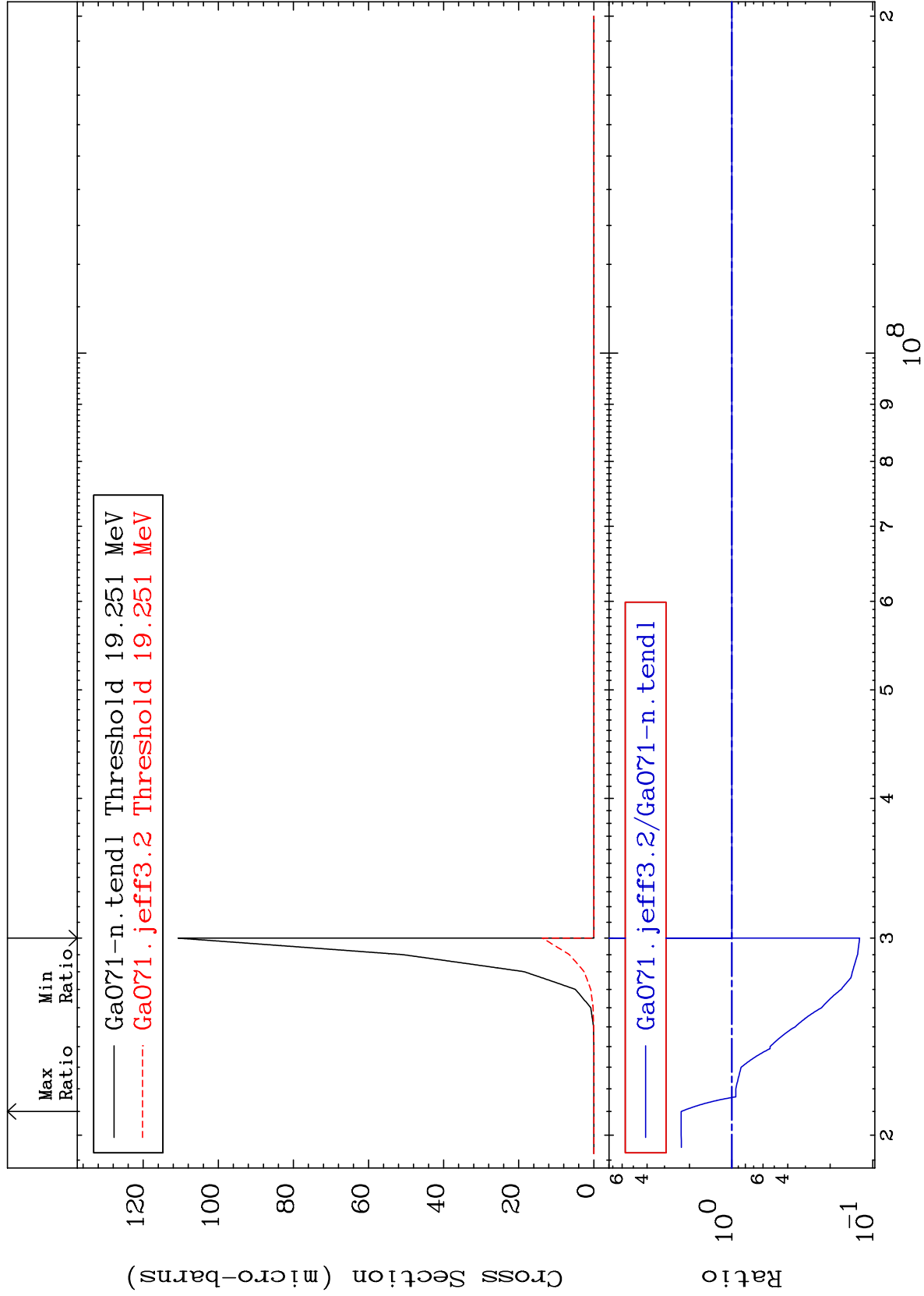
³¹Ga-71
-41.46 To 344.5 %



MAT 3131

(n,2n) p
Cross Section

³¹Ga-71
-87.64 To 128.6 %



18

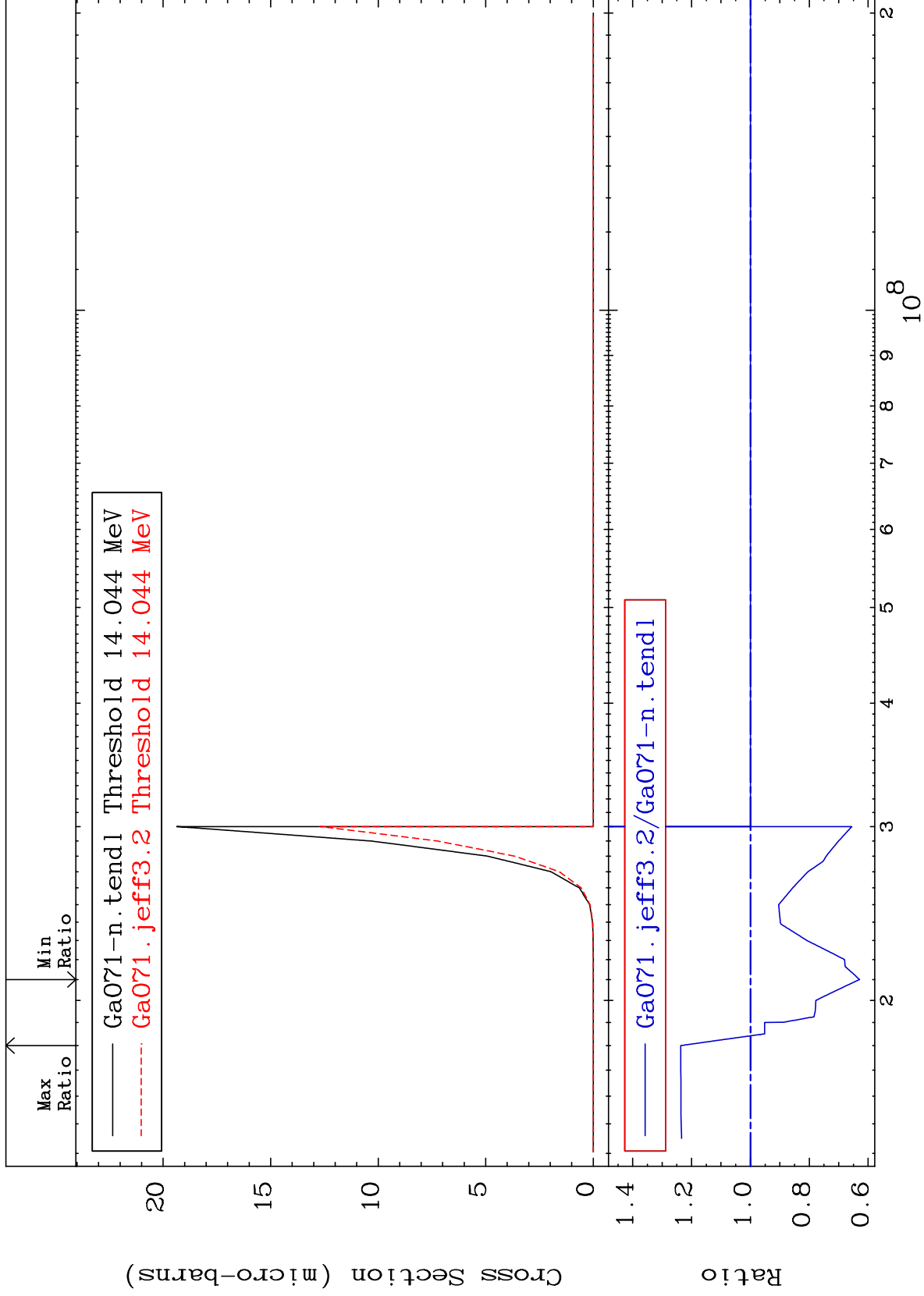
Incident Energy (eV)

³¹Ga-71

MAT 3131

(n,n') p α
Cross Section

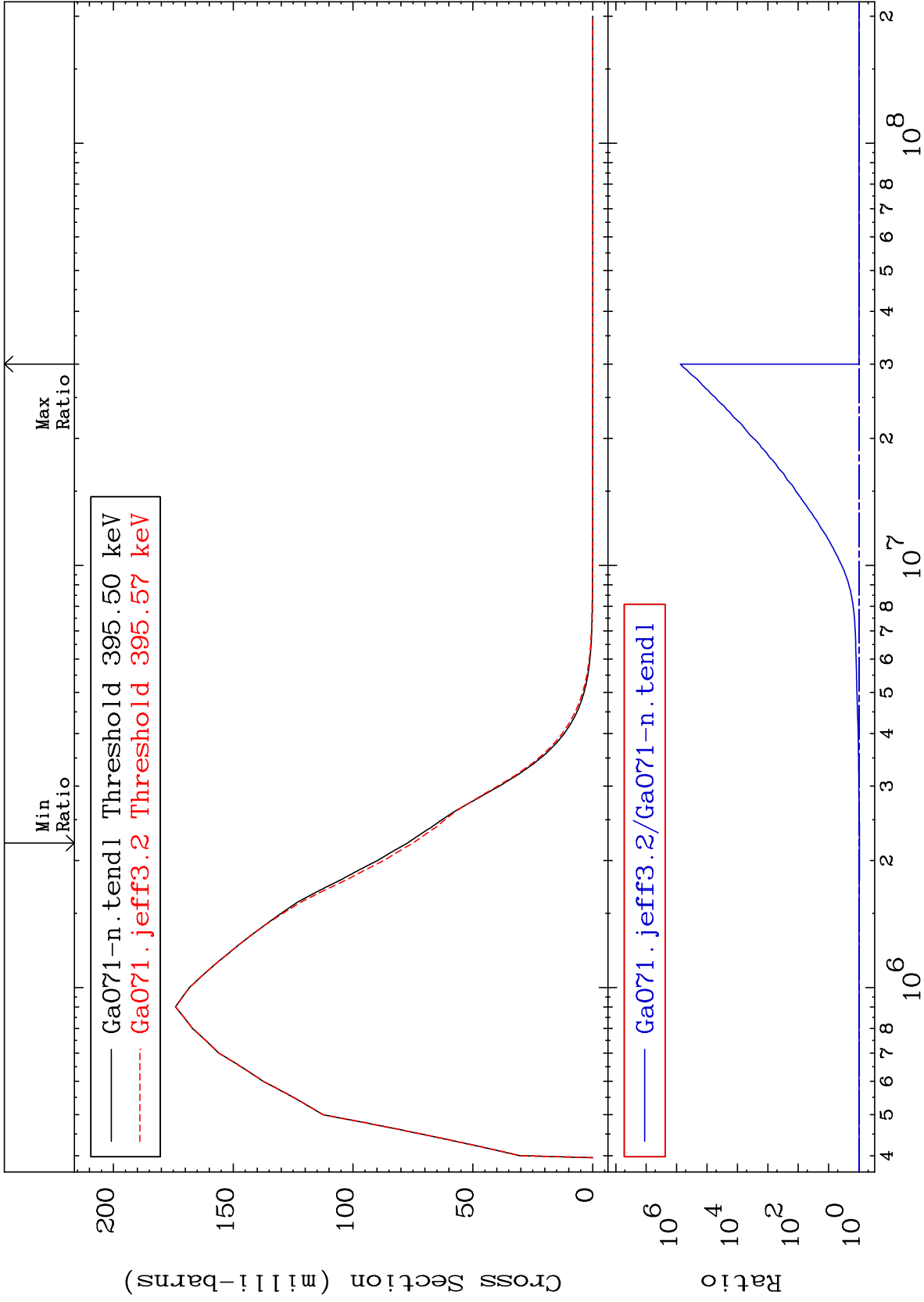
³¹Ga-71
-37.07 To 23.67 %



MAT 3131

390.0 keV (n,n') Level
Cross Section

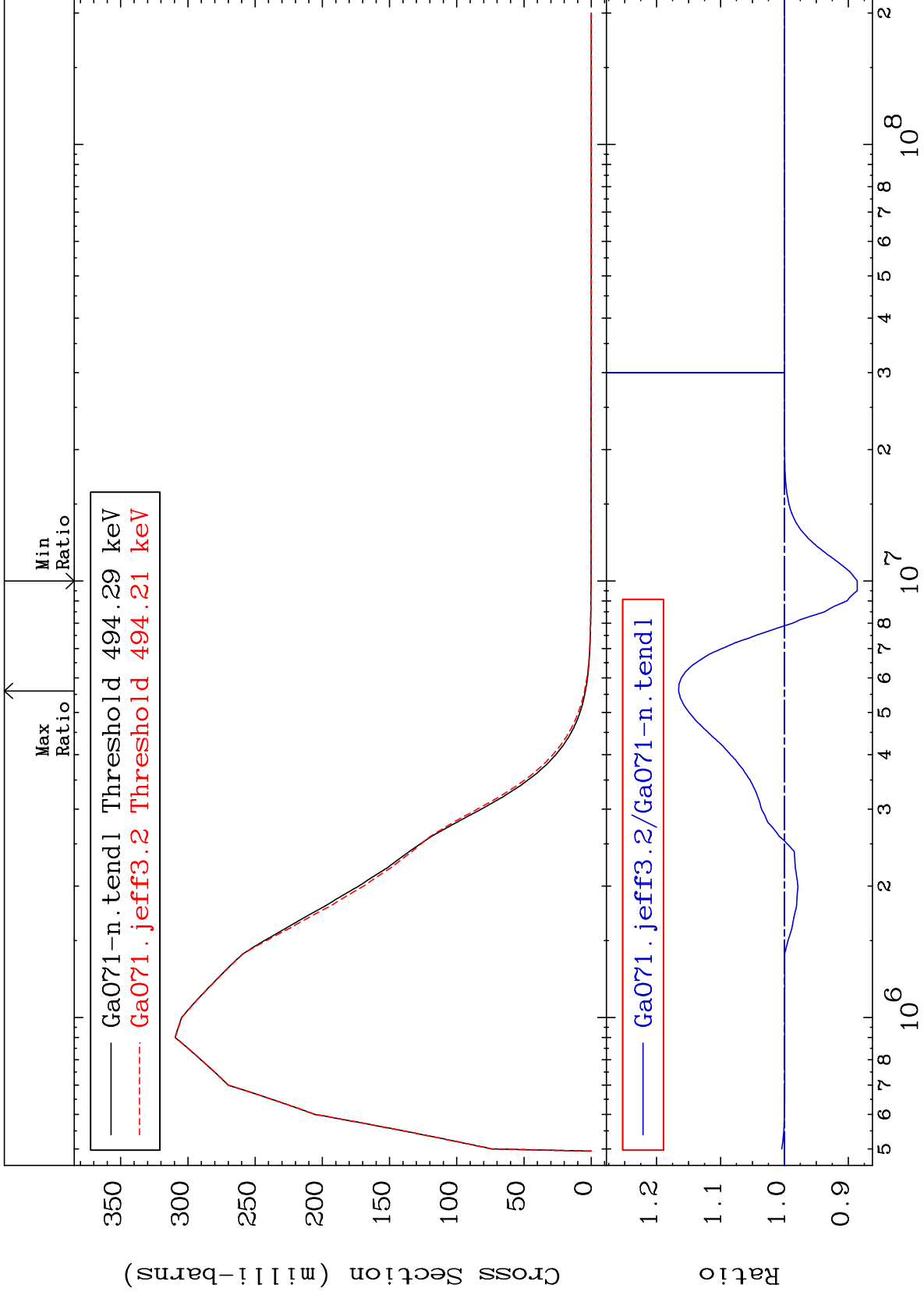
31-Ga-71
-3.052 To 9999. %



MAT 3131

487.4 keV (n,n') Level
Cross Section

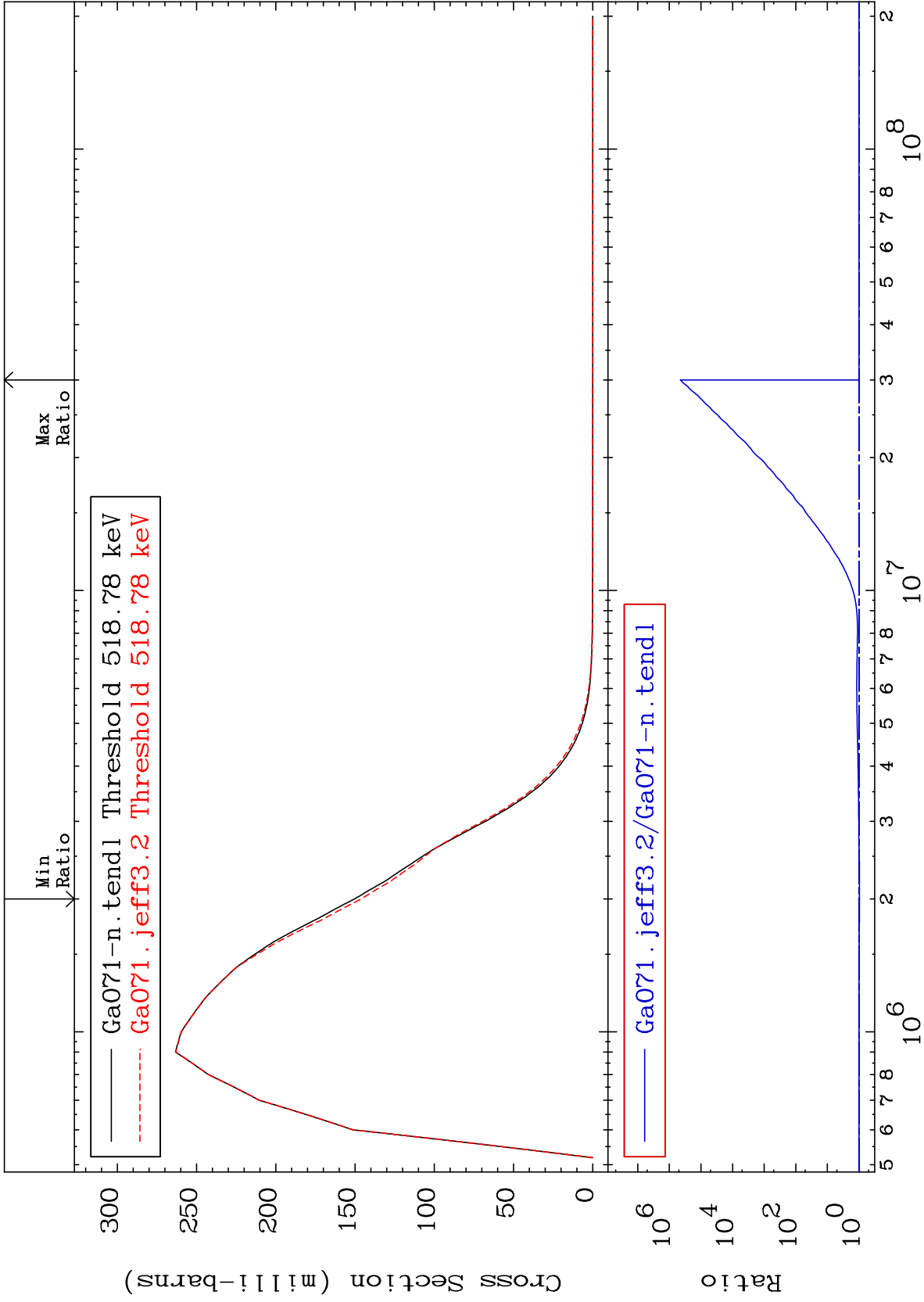
31-Ga-71
-11.41 To 16.56 %



MAT 3131

511.5 keV (n,n') Level
Cross Section

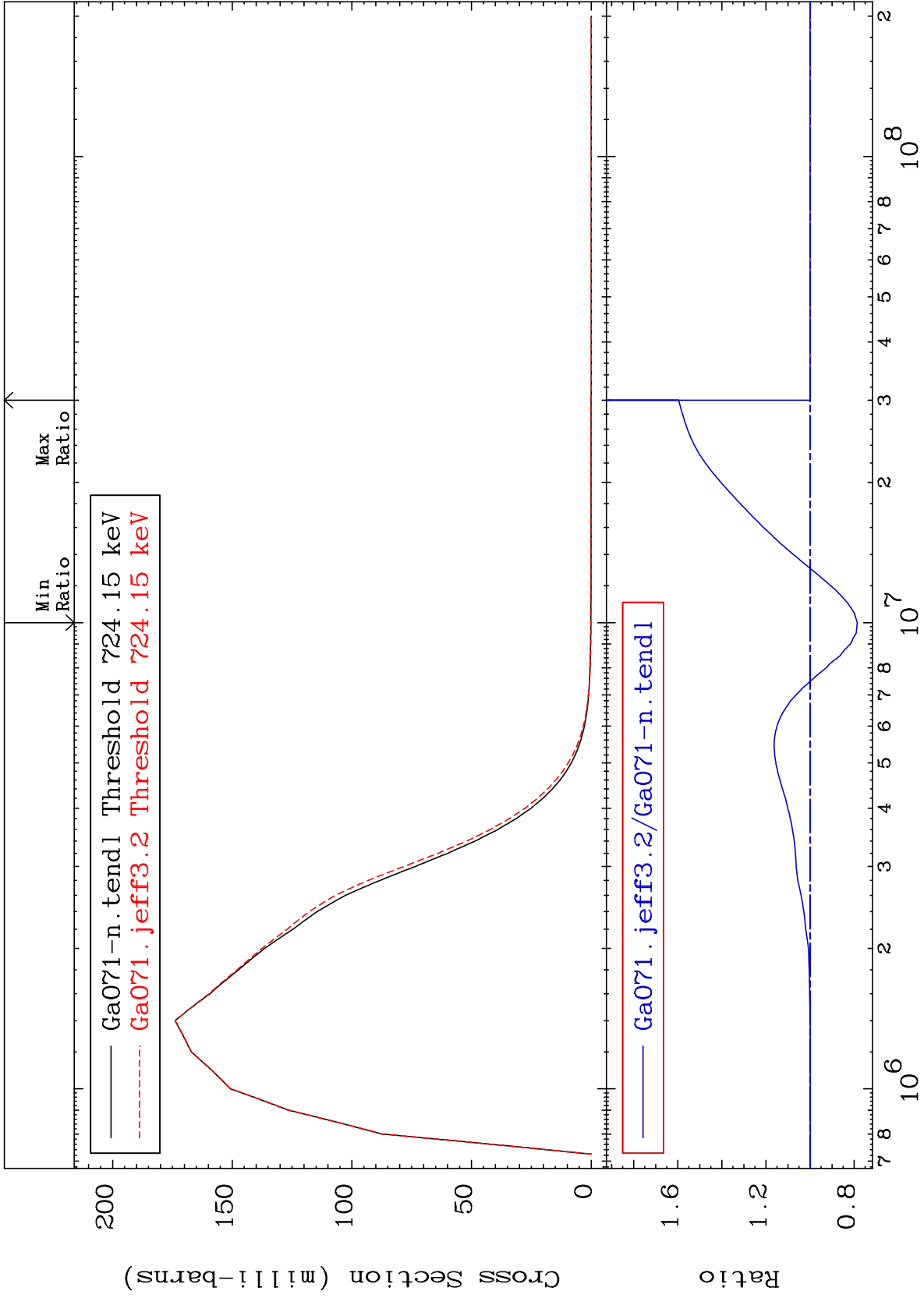
31-Ga-71
-2.798 To 9999. %



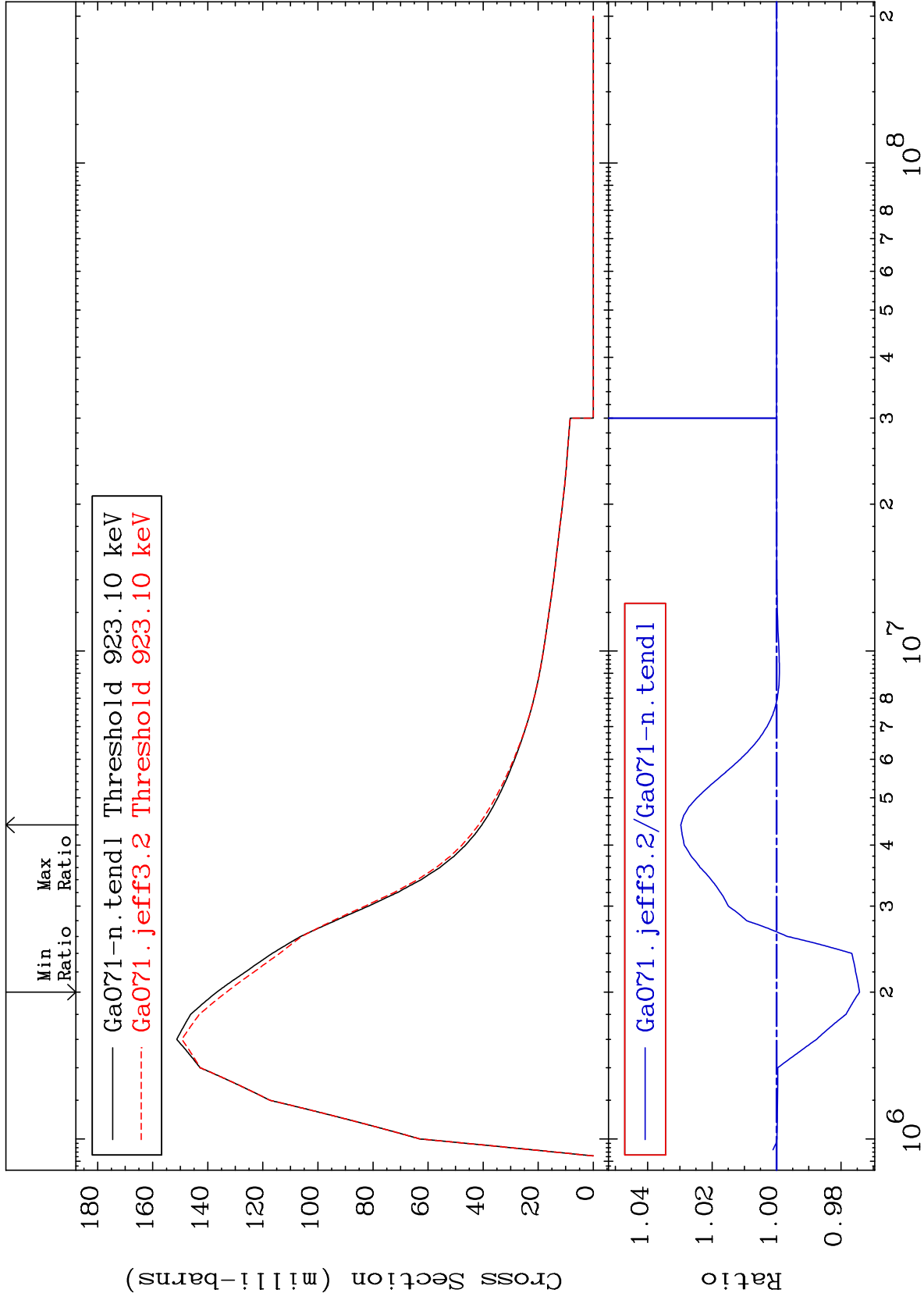
MAT 3131

714.0 keV (n,n') Level
Cross Section

31-Ga-71
-21.39 To 59.63 %



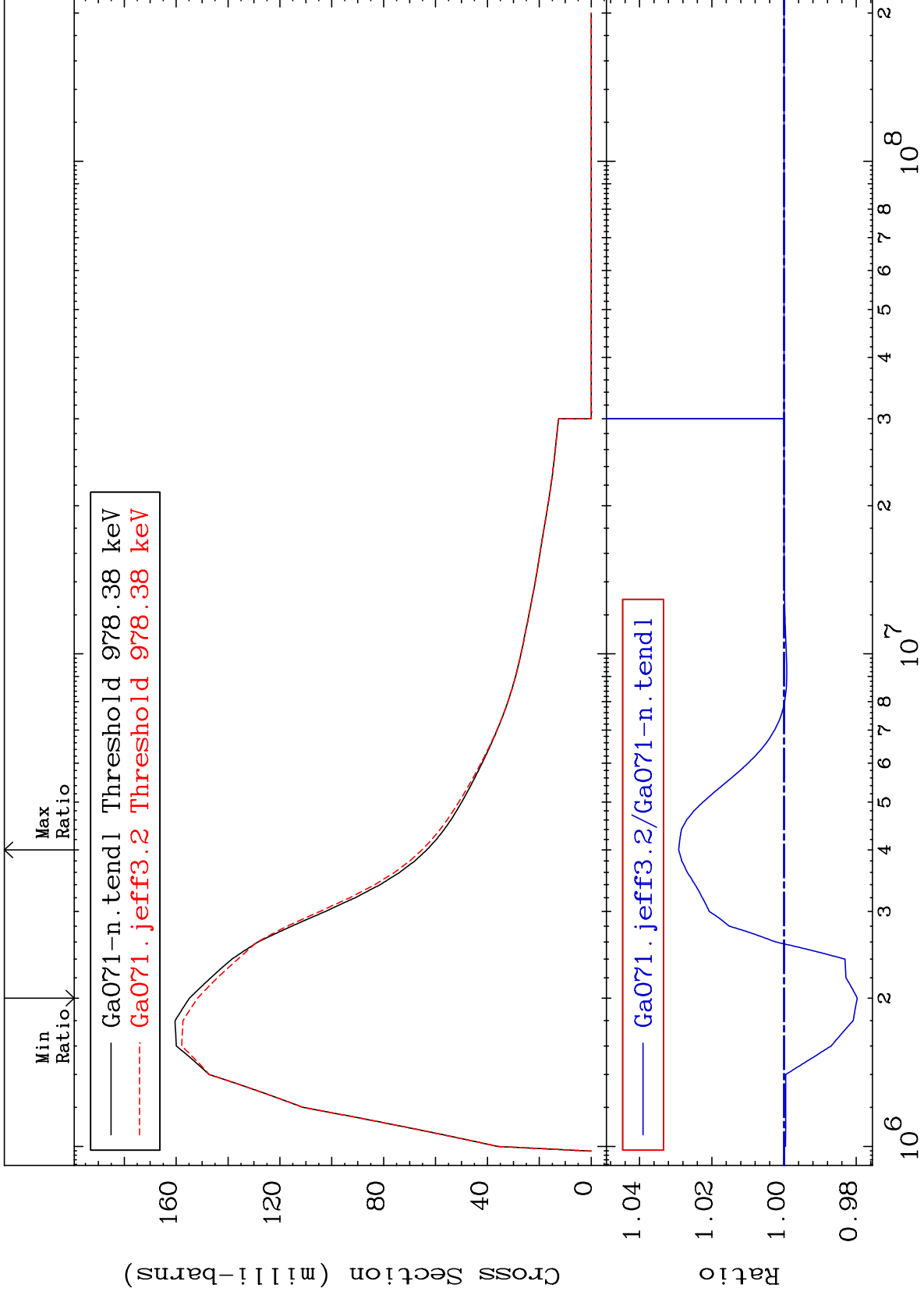
MAT 3131 910.2 keV (n,n') Level 31-Ga-71
 Cross Section -2.573 To 2.971 %



MAT 3131

964.7 keV (n,n') Level
Cross Section

31-Ga-71
-2.026 To 2.918 %



25

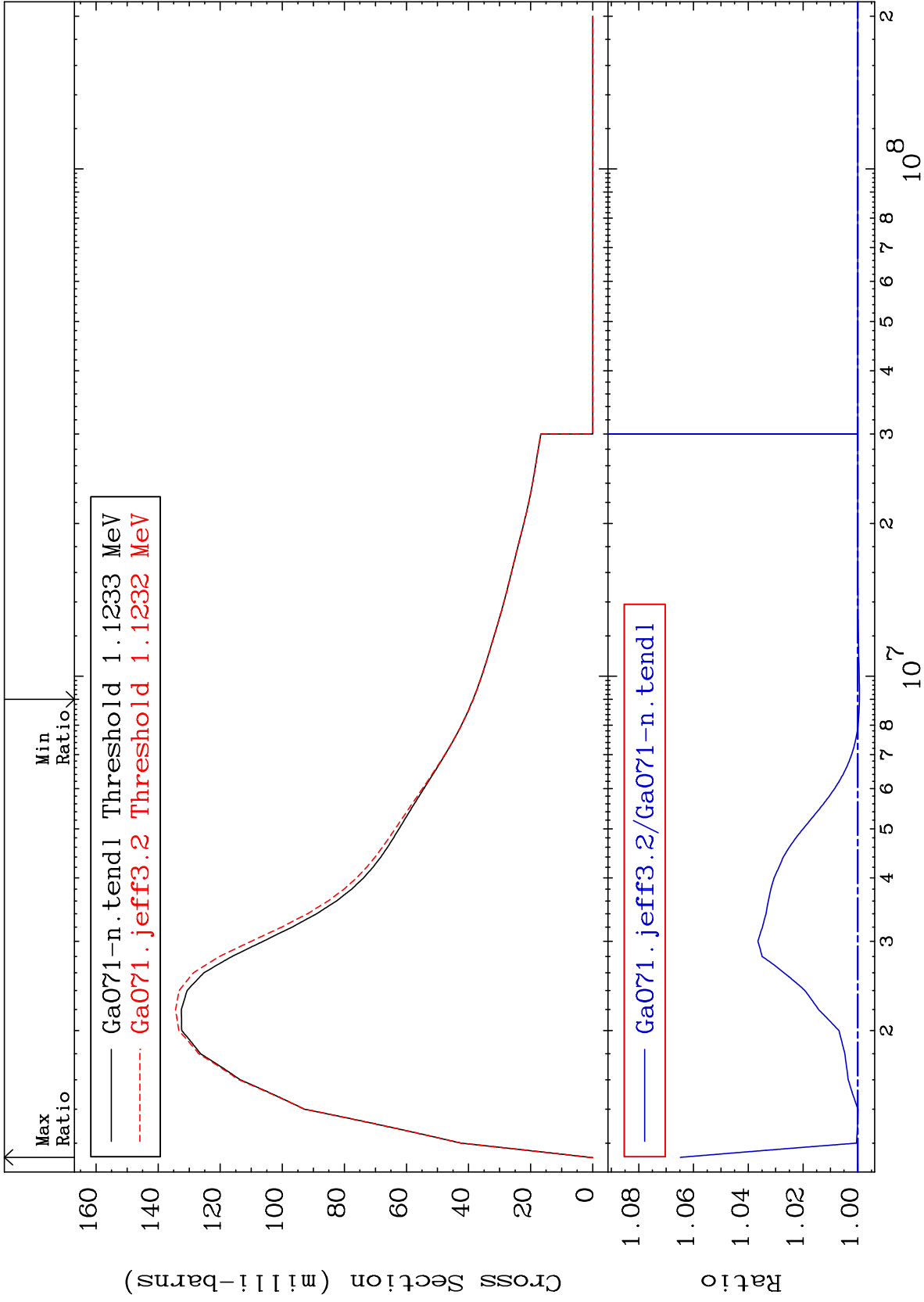
Incident Energy (eV)

31-Ga-71

MAT 3131

1.108 MeV (n,n') Level
Cross Section

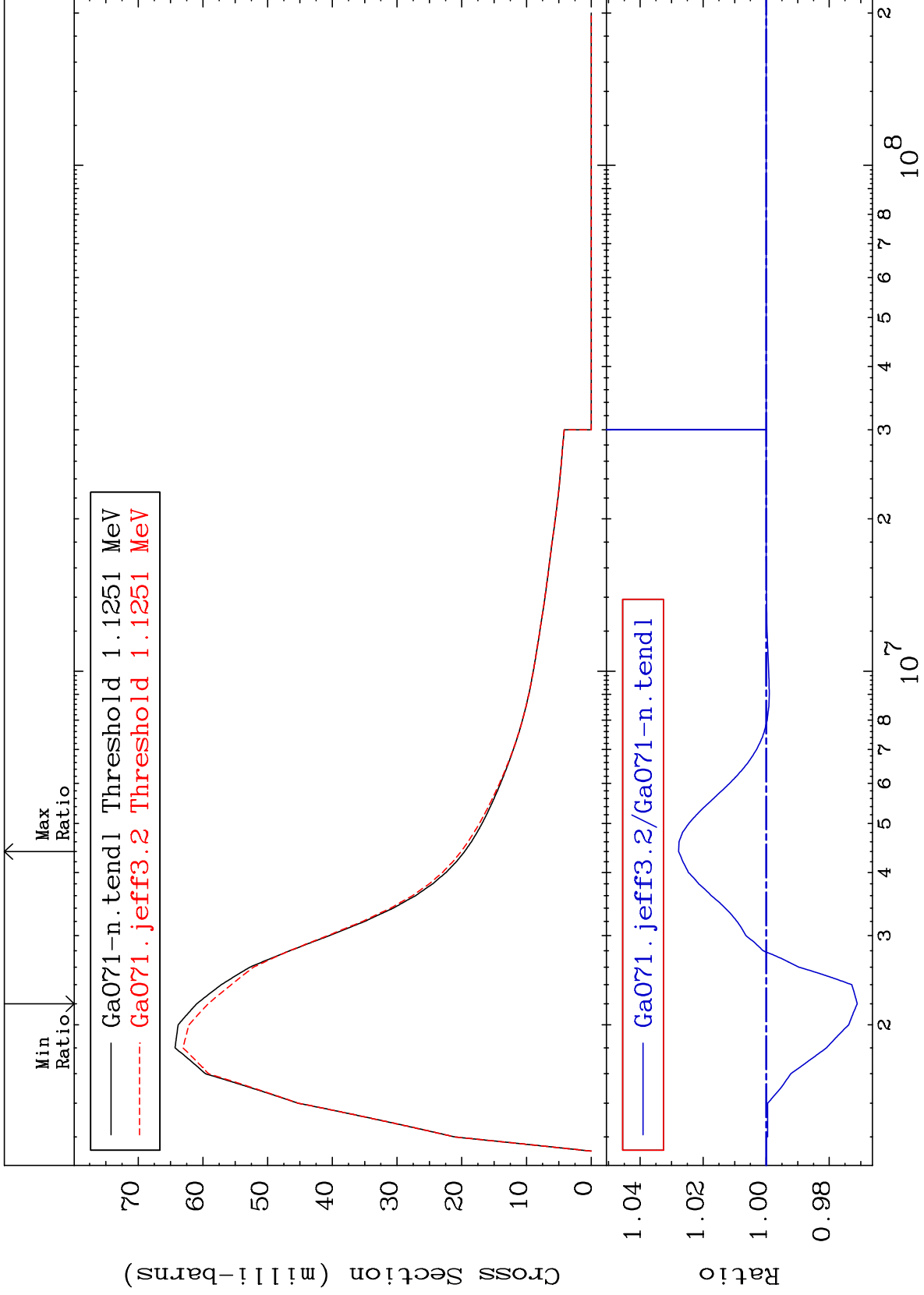
31-Ga-71
-0.060 To 6.480 %



MAT 3131

1.109 MeV (n,n') Level
Cross Section

31-Ga-71
-2.887 To 2.777 %



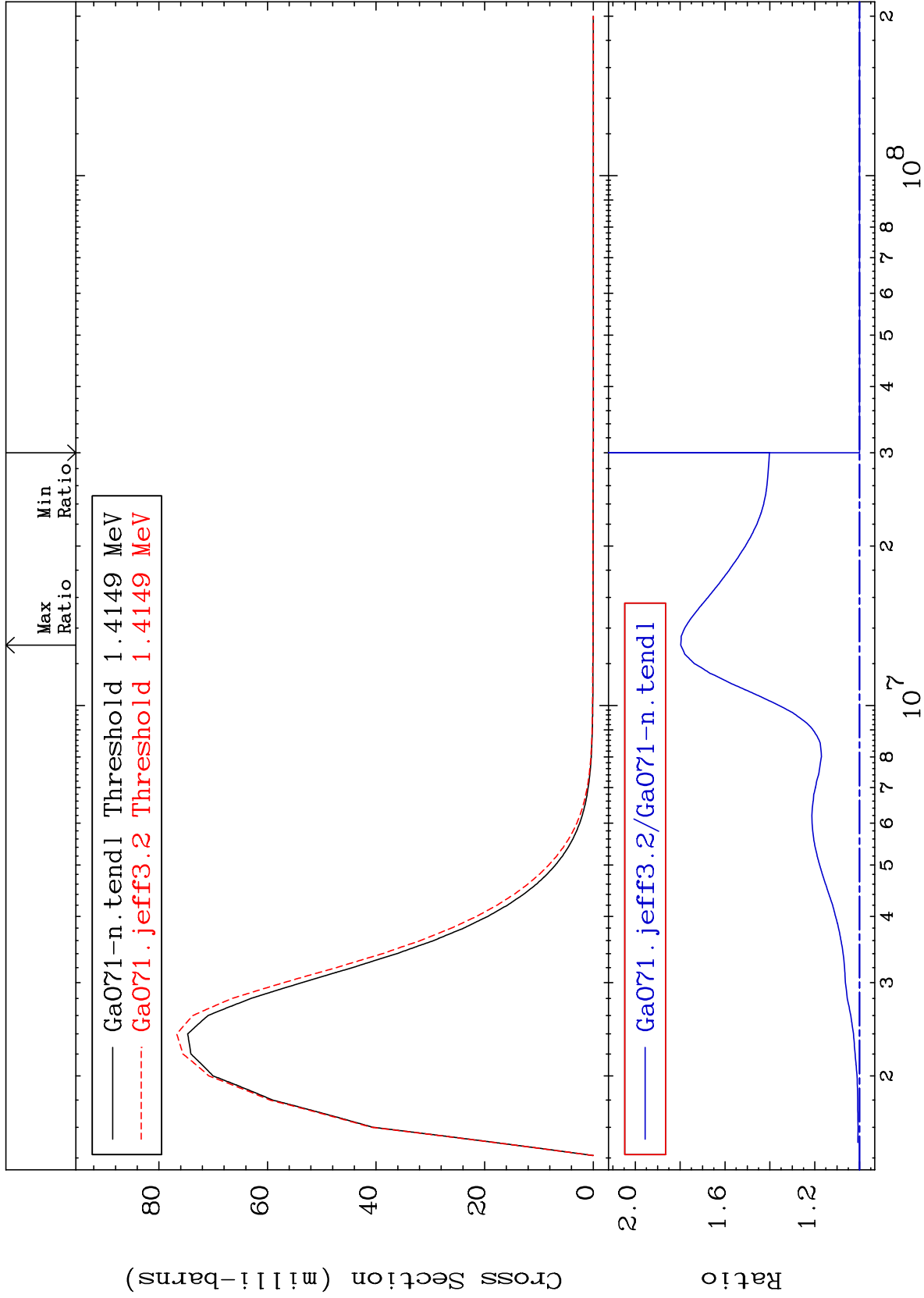
MAT 3131

1.395 MeV (n,n') Level

31-Ga-71

0.000 To 79.71 %

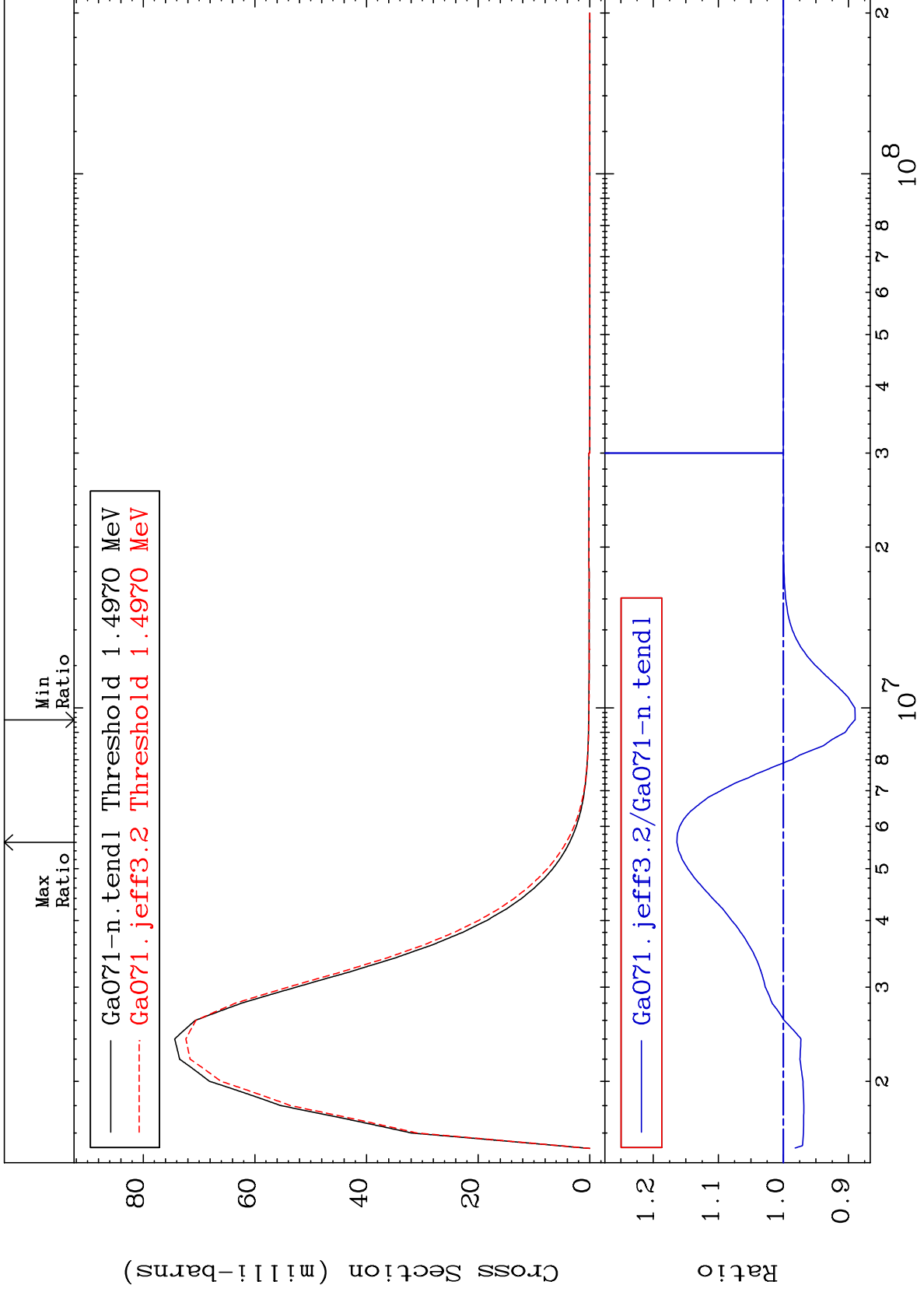
Cross Section



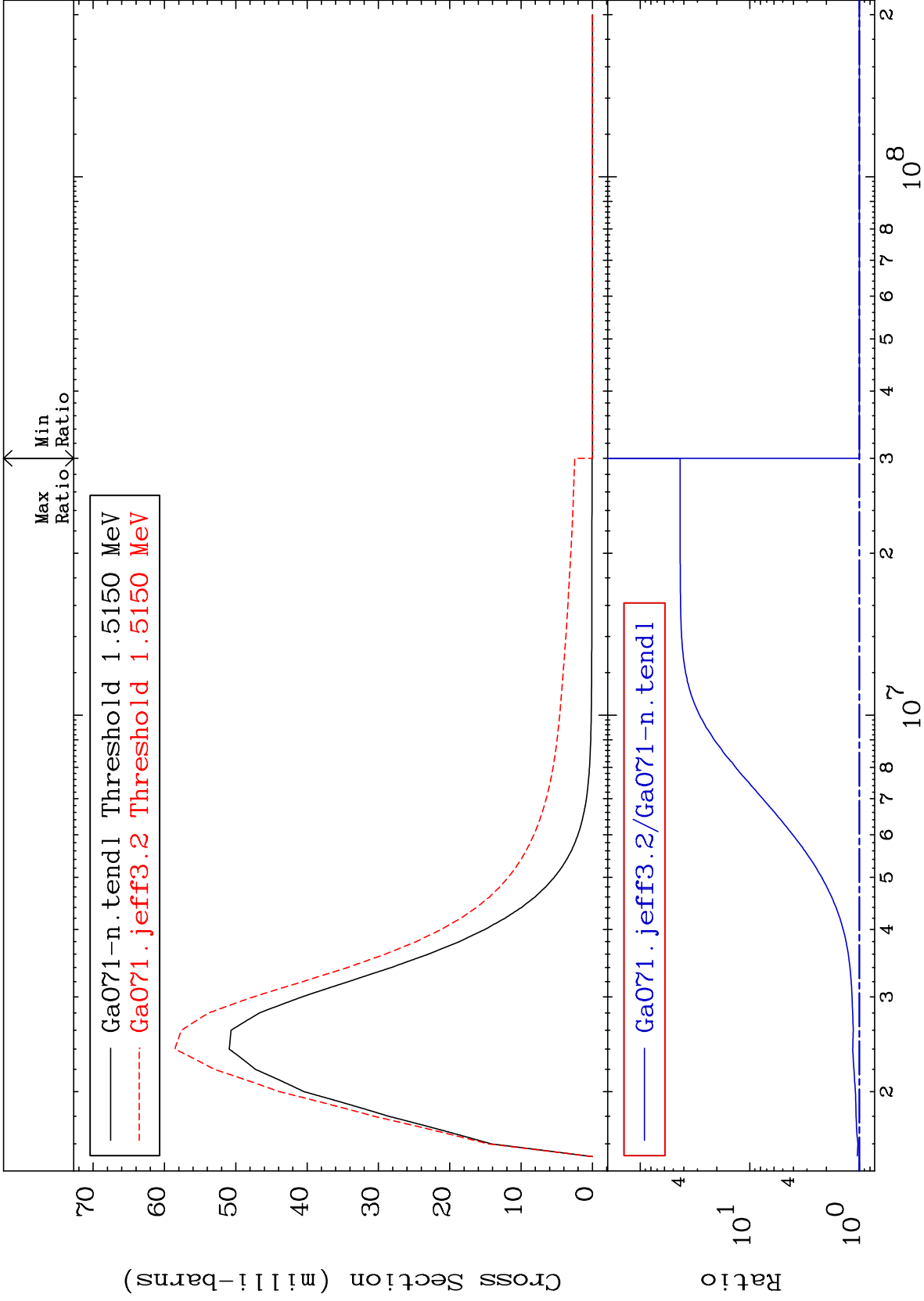
MAT 3131

1.476 MeV (n,n') Level
Cross Section

31-Ga-71
-11.02 To 16.37 %

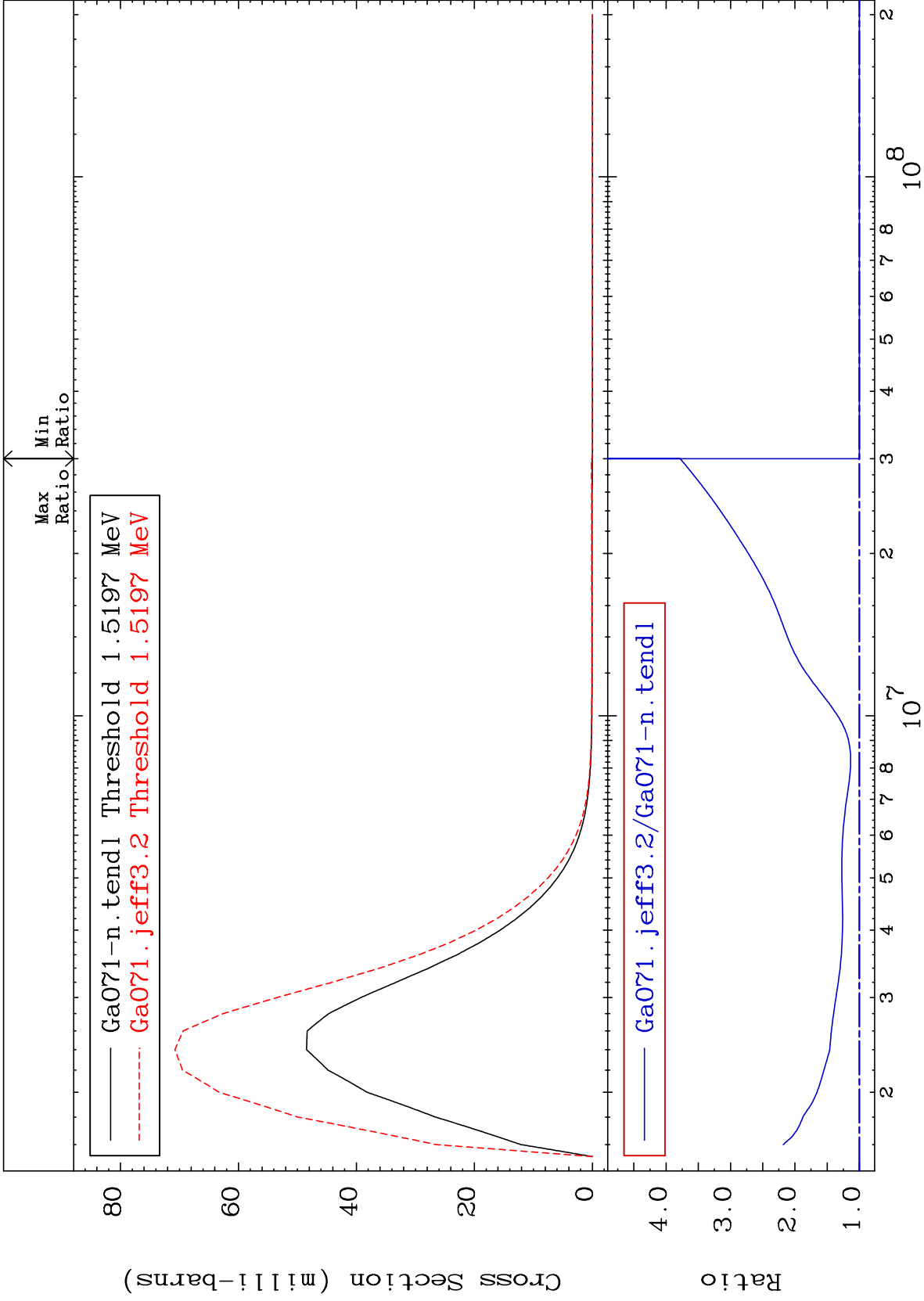


MAT 3131 1.494 MeV (n,n') Level 31-Ga-71
 Cross Section 0.000 To 4218. %



30 31-Ga-71 Incident Energy (eV)

MAT 3131 1.498 MeV (n,n') Level 31-Ga-71
 Cross Section 0.000 To 278.2 %

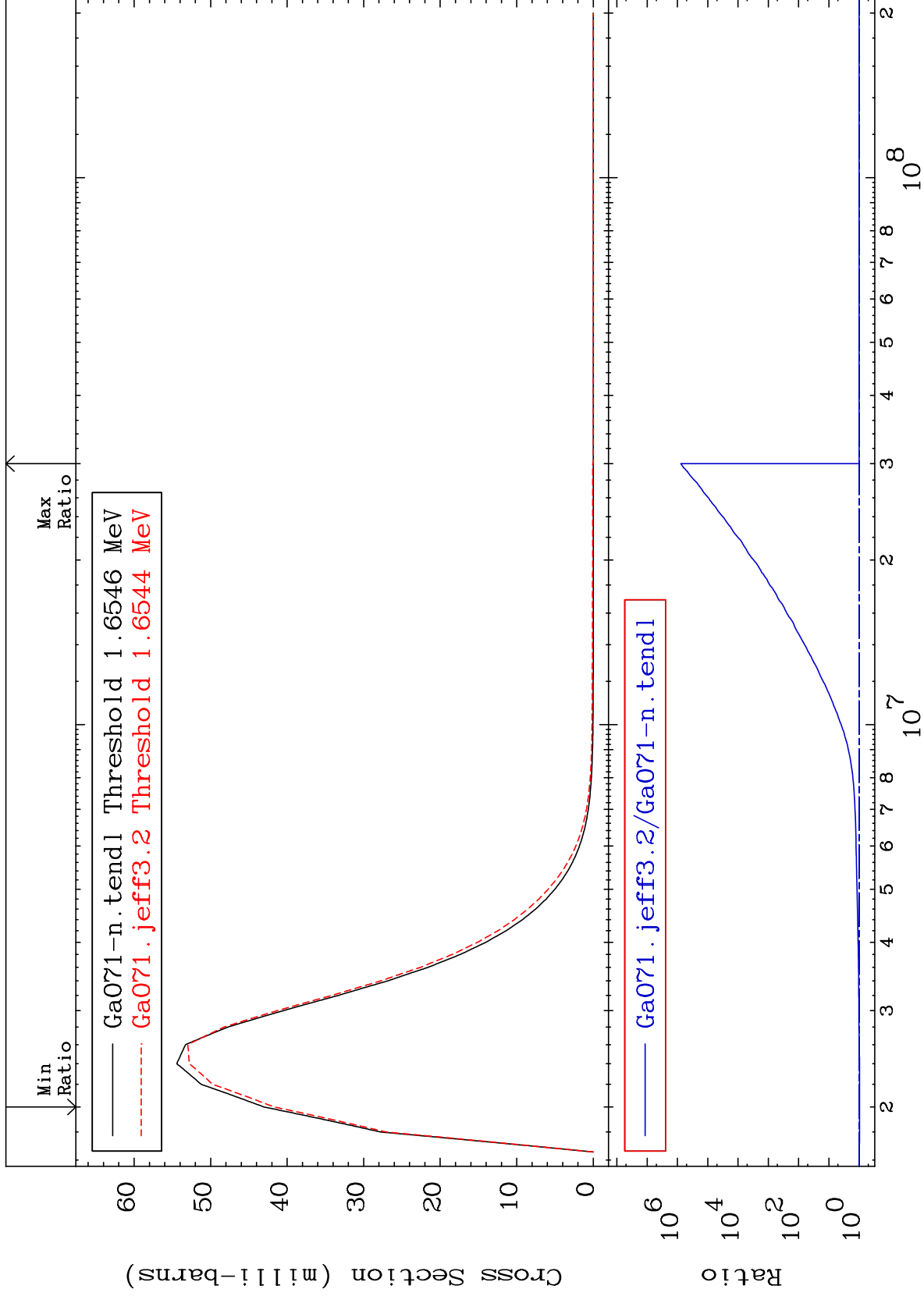


31 Incident Energy (eV) 31-Ga-71

MAT 3131

1.631 MeV (n,n') Level
Cross Section

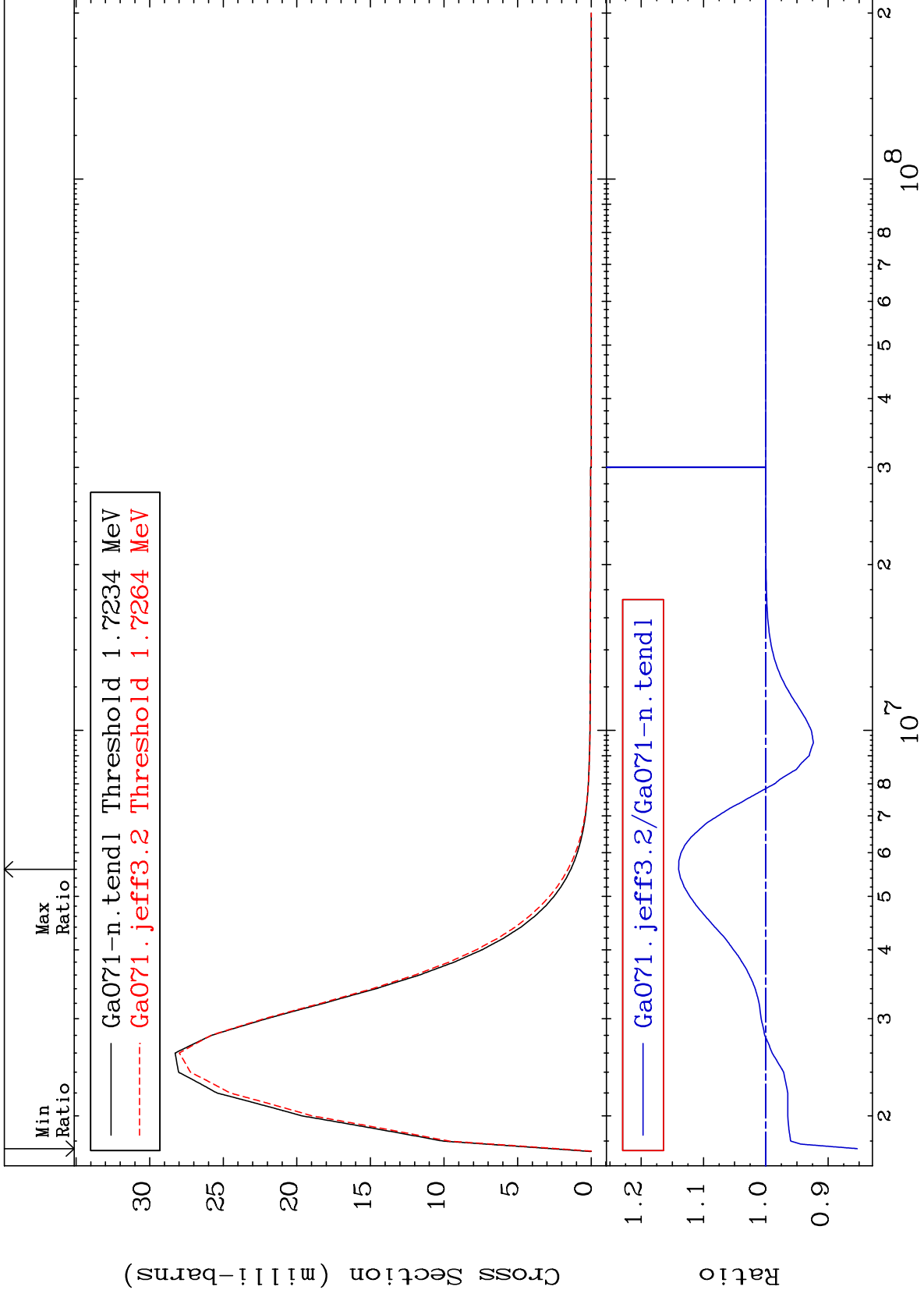
31-Ga-71
-3.110 To 9999. %



MAT 3131

1.699 MeV (n,n') Level
Cross Section

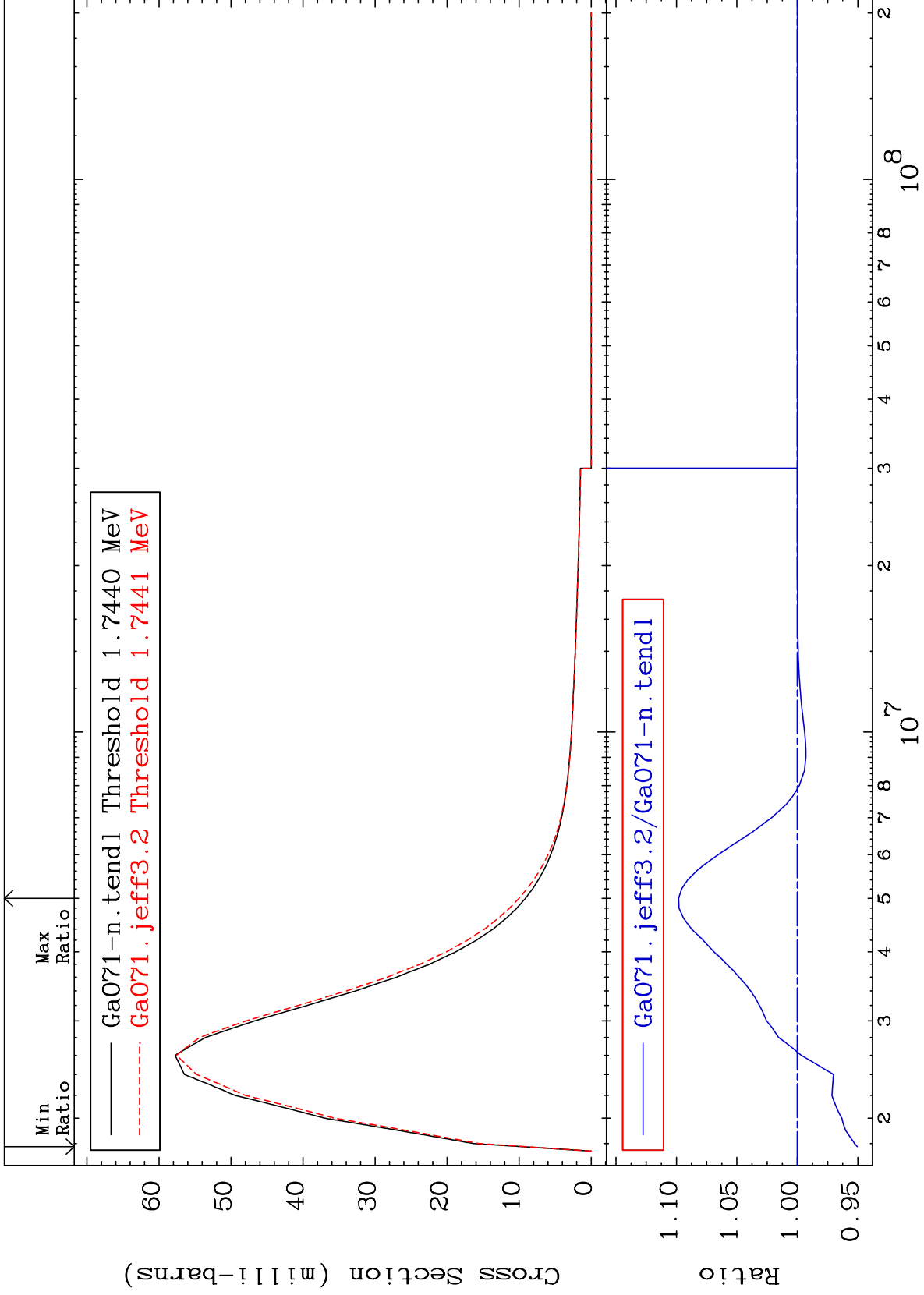
31-Ga-71
-14.69 To 13.99 %



MAT 3131

1.720 MeV (n,n') Level
Cross Section

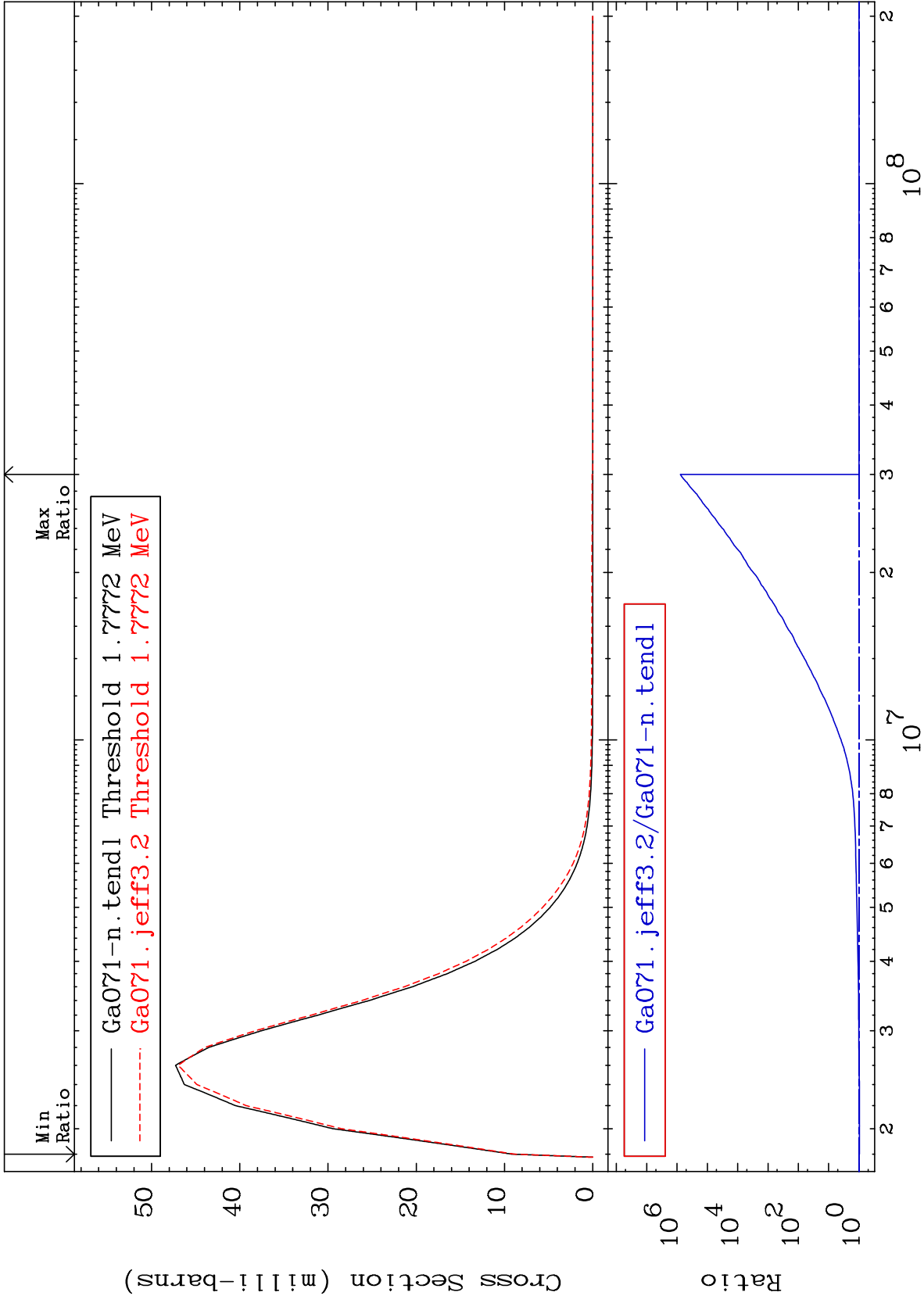
31-Ga-71
-4.947 To 9.819 %



MAT 3131

1.752 MeV (n,n') Level
Cross Section

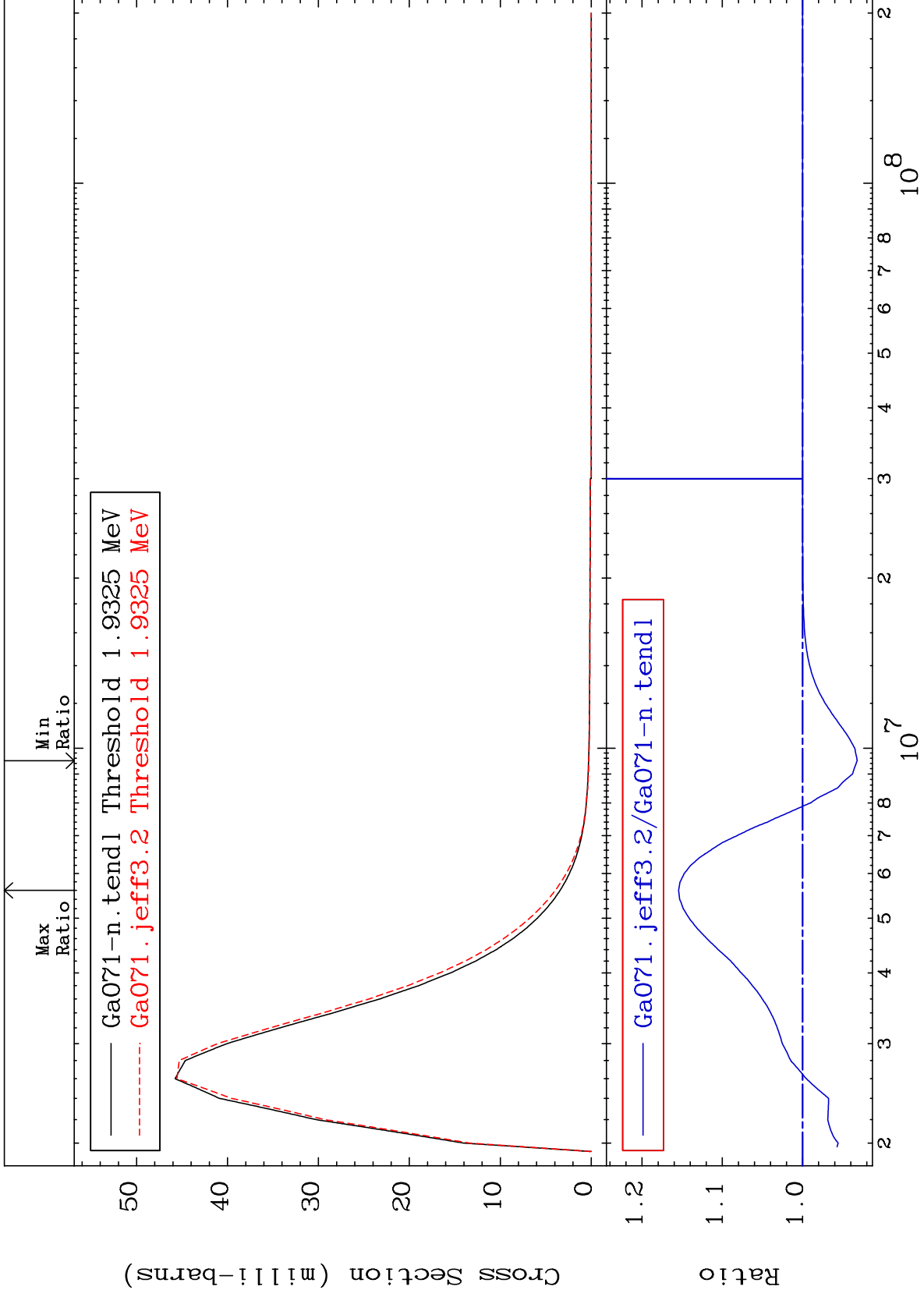
31-Ga-71
-3.306 To 9999. %



MAT 3131

1.905 MeV (n,n') Level
Cross Section

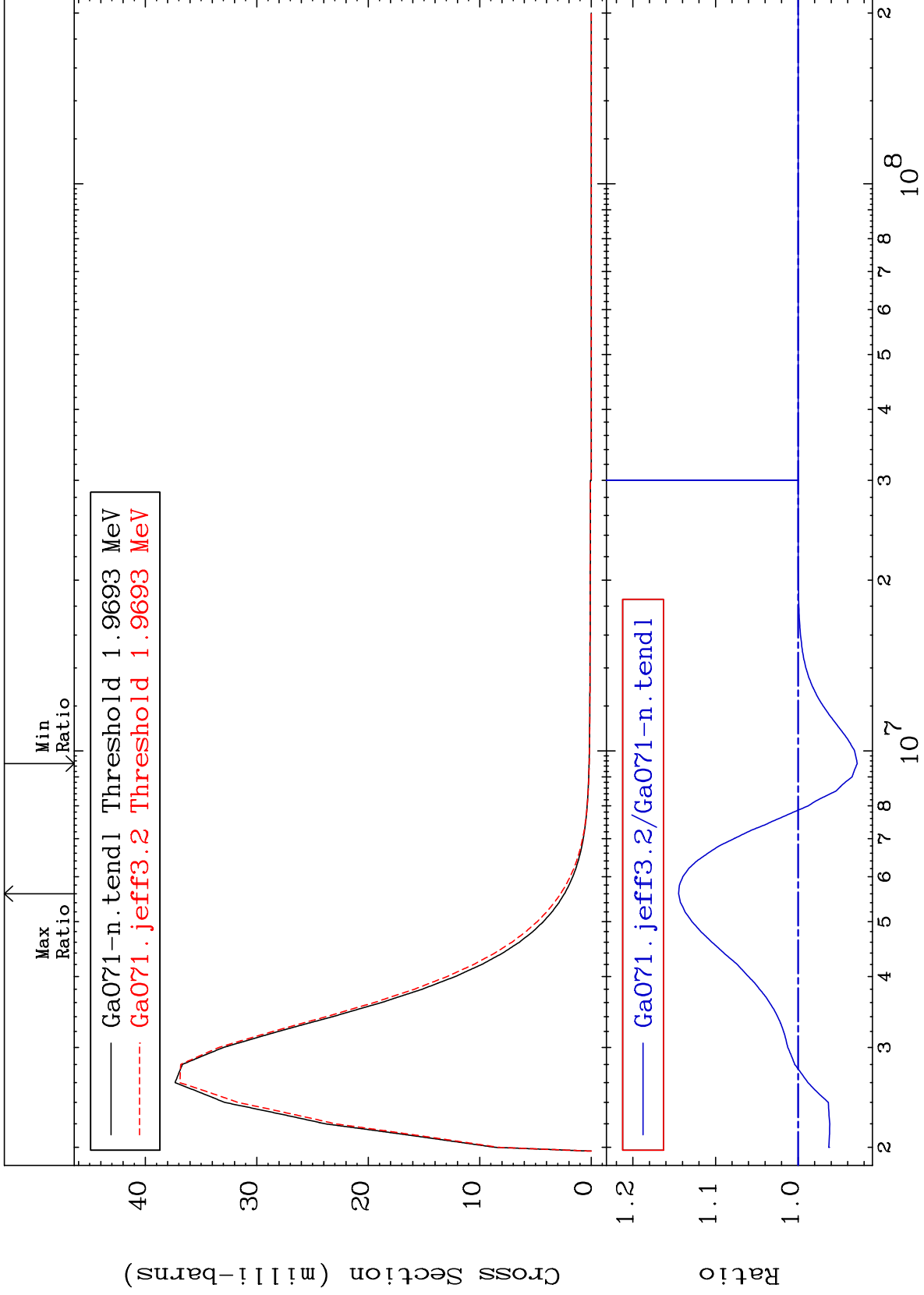
31-Ga-71
-6.809 To 15.45 %



MAT 3131

1.942 MeV (n,n') Level
Cross Section

31-Ga-71
-7.157 To 14.47 %



37

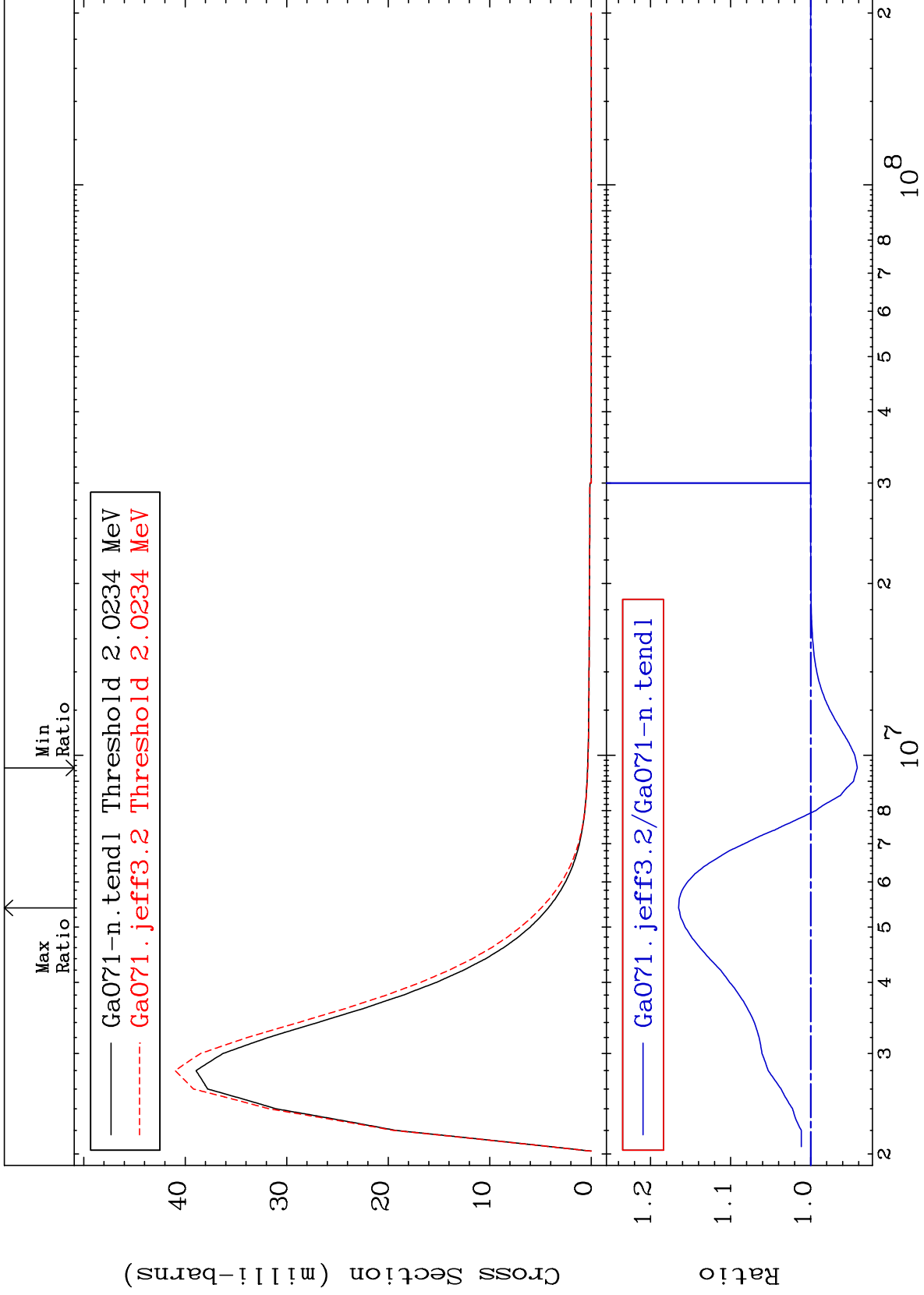
Incident Energy (eV)

31-Ga-71

MAT 3131

1.995 MeV (n,n') Level
Cross Section

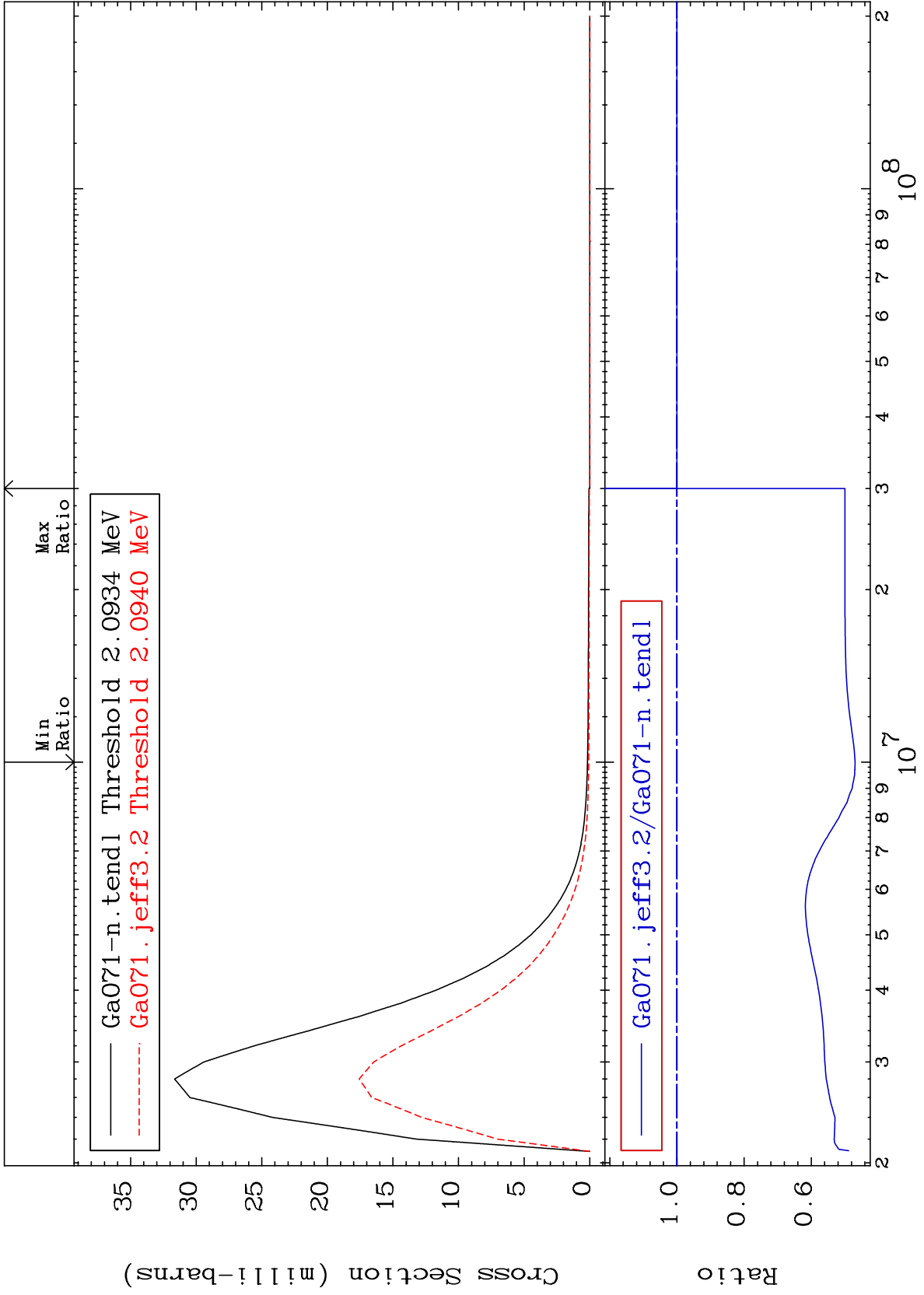
31-Ga-71
-5.809 To 16.49 %



MAT 3131

2.064 MeV (n,n') Level
Cross Section

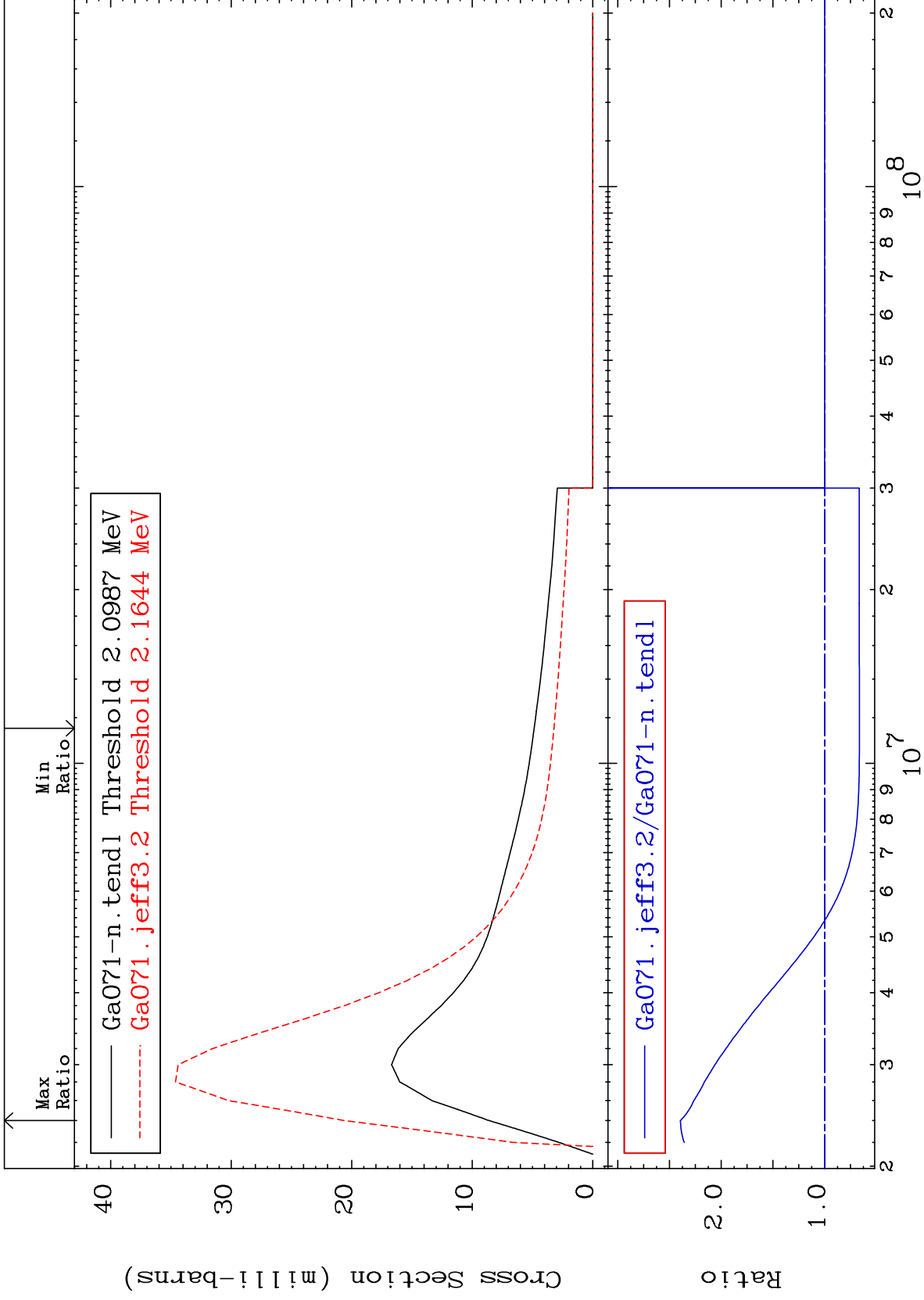
31-Ga-71
-53.07 To 0.000 %



MAT 3131

2.069 MeV (n,n') Level
Cross Section

31-Ga-71
-33.68 To 139.5 %



40

Incident Energy (eV)

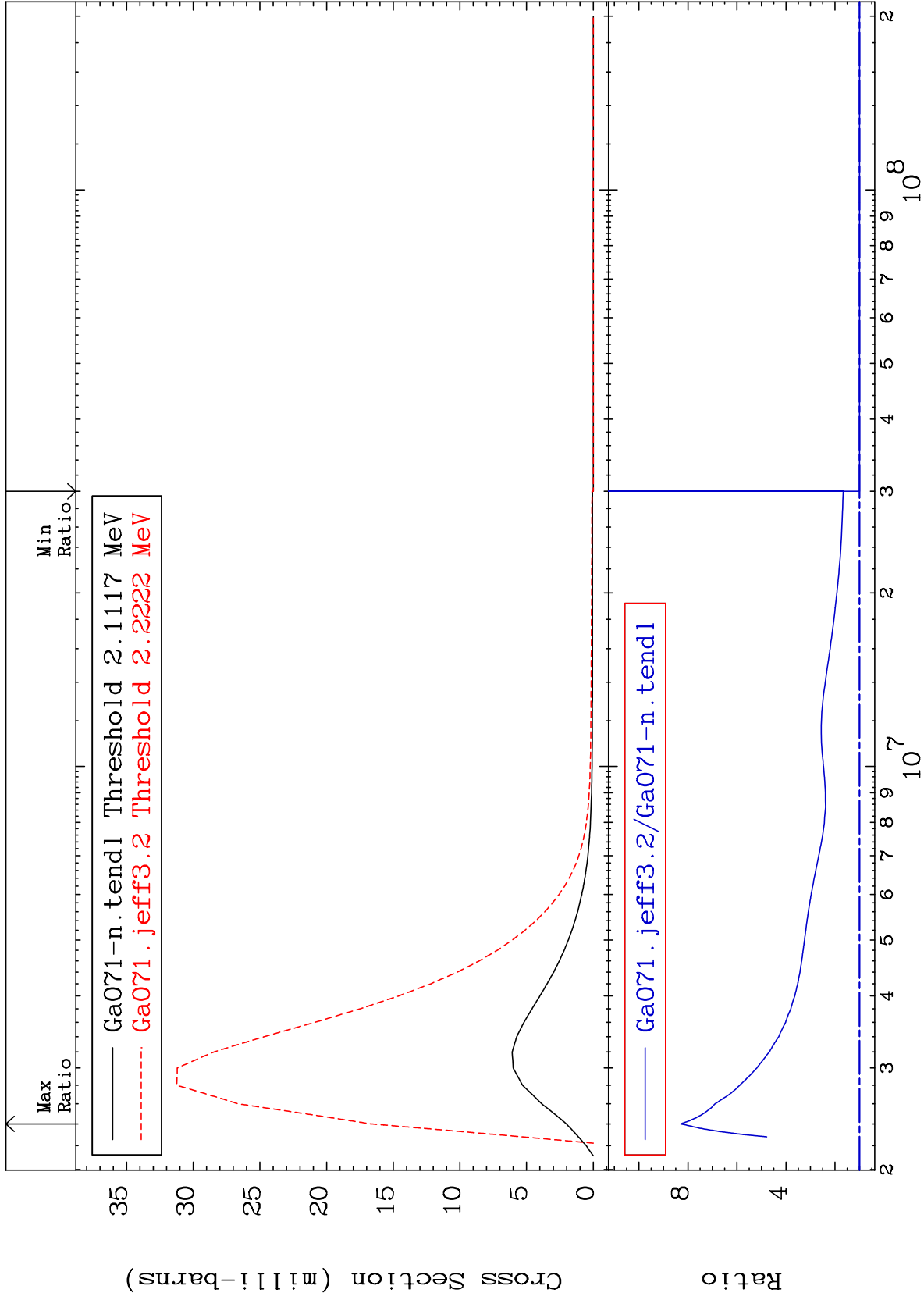
31-Ga-71

MAT 3131

2.082 MeV (n,n') Level

³¹Ga-71

0.000 To 729.2 %



41

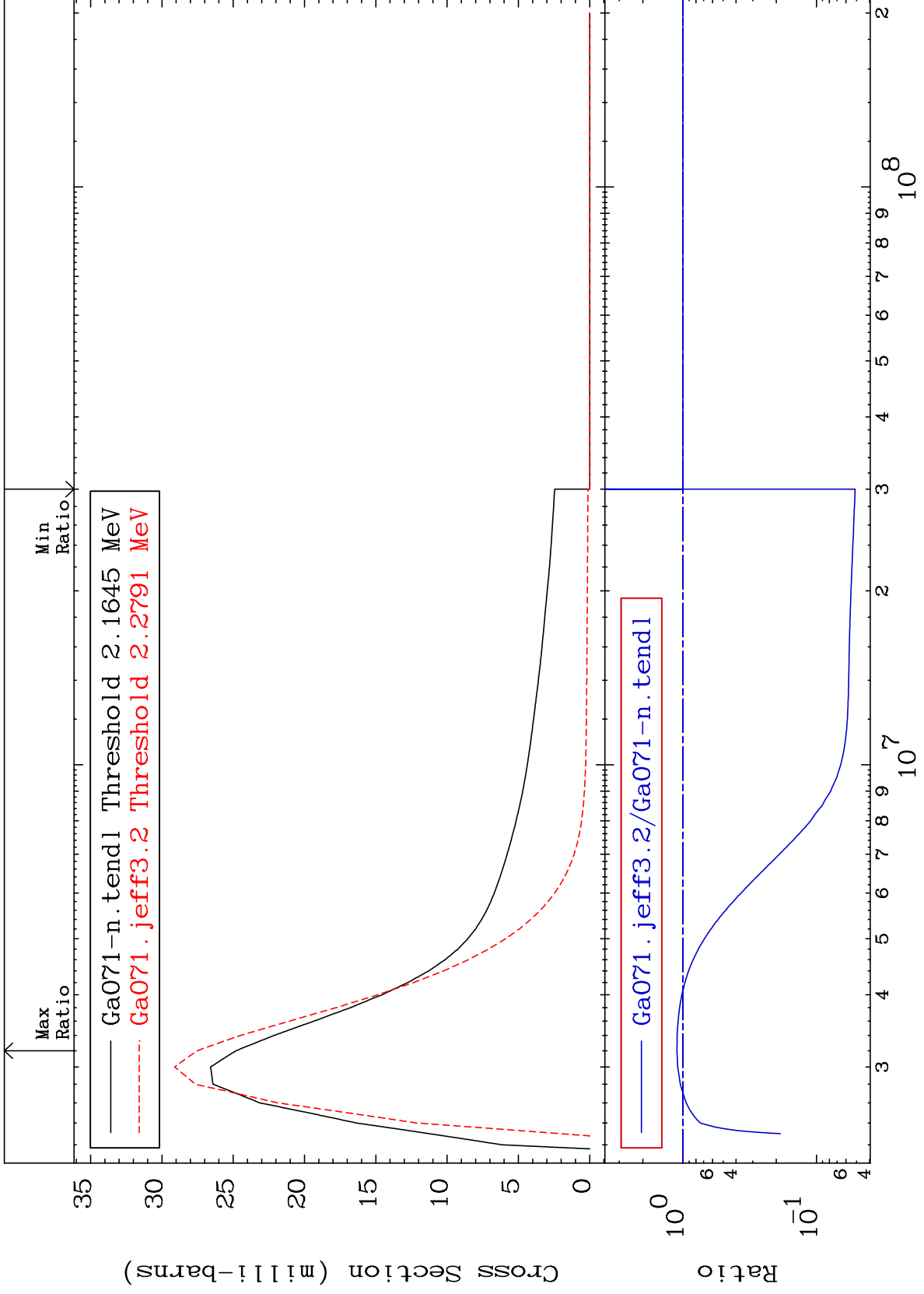
Incident Energy (eV)

³¹Ga-71

MAT 3131

2.134 MeV (n,n') Level
Cross Section

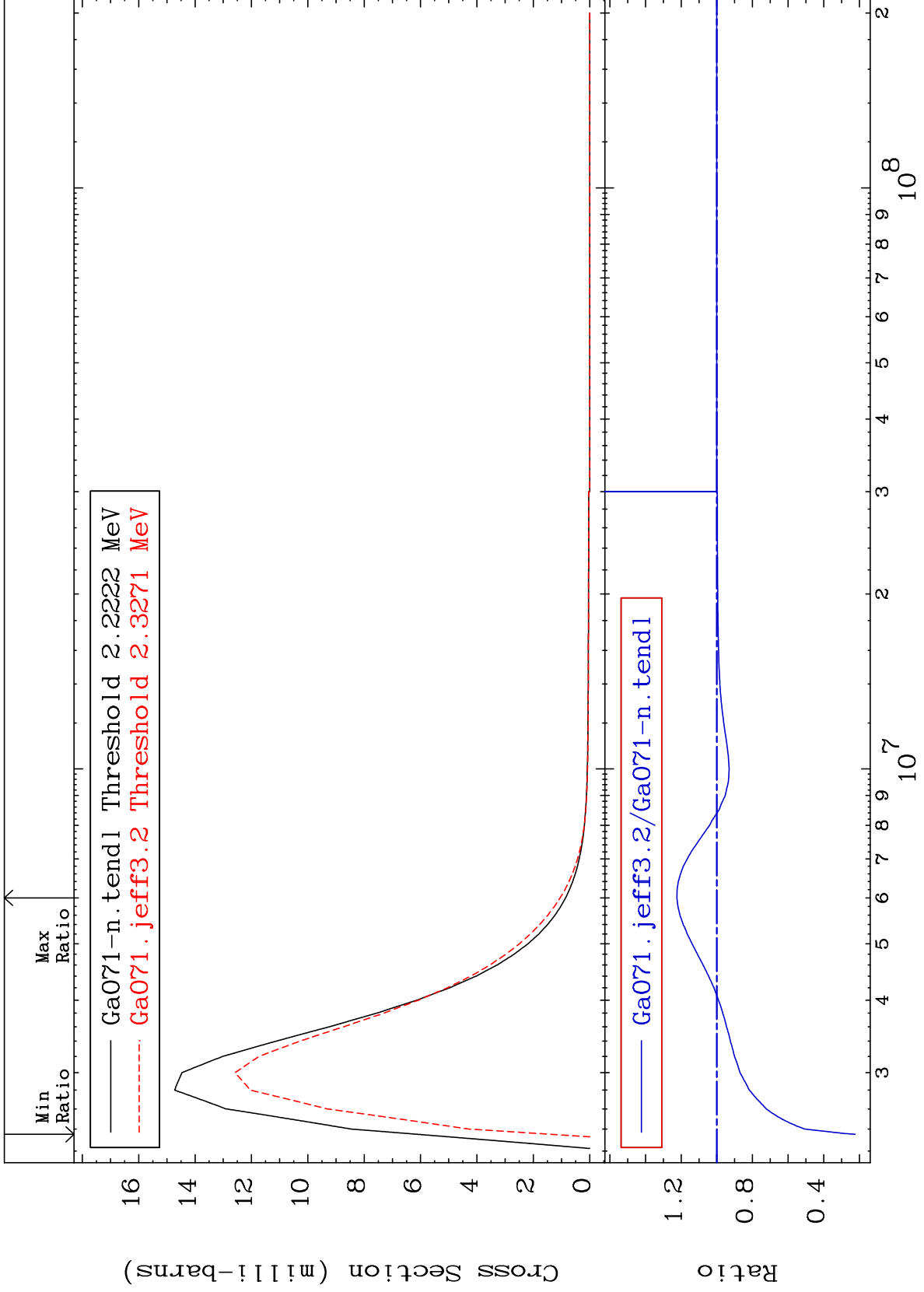
31-Ga-71
-94.87 To 11.00 %



MAT 3131

2.191 MeV (n,n') Level
Cross Section

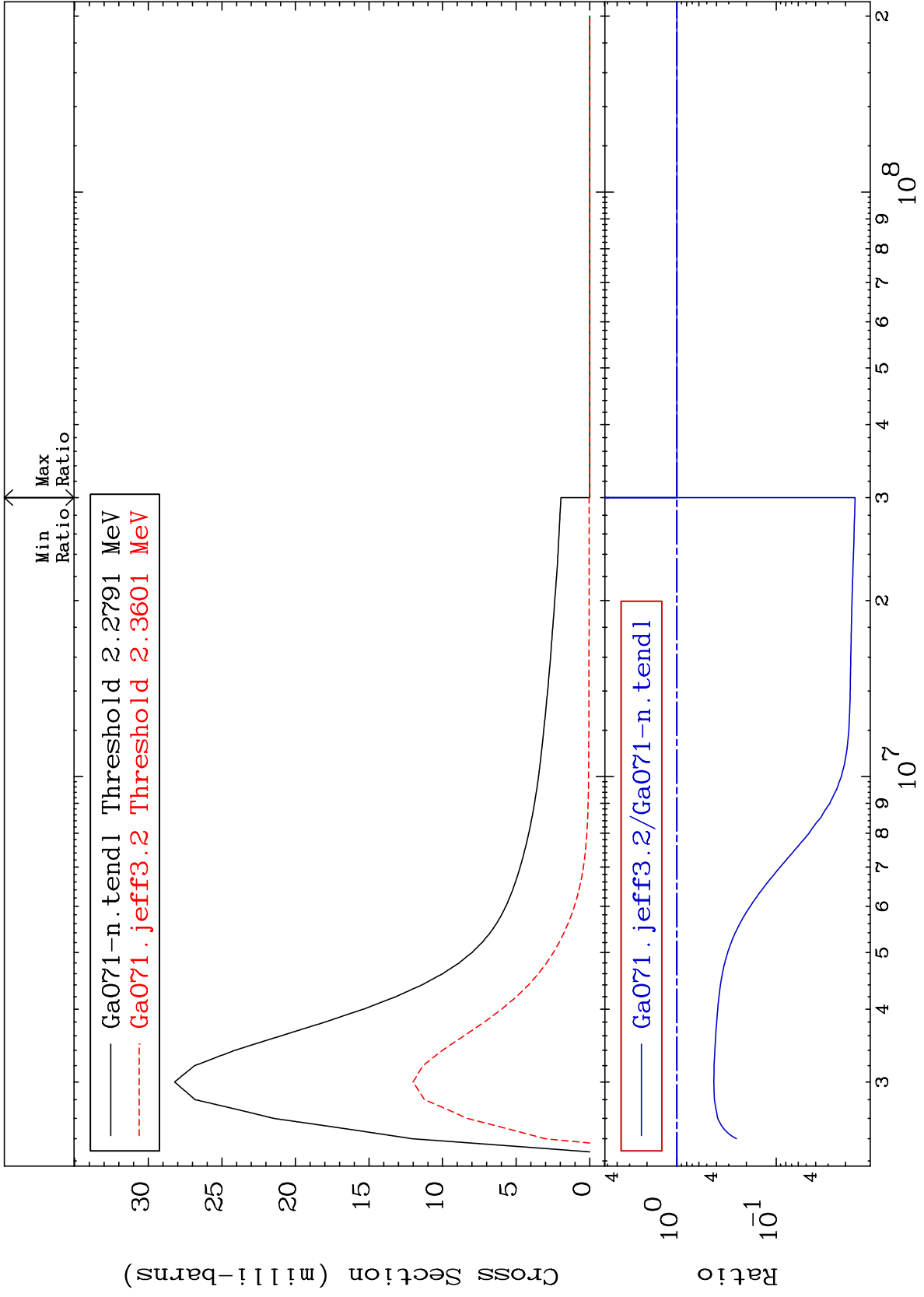
31-Ga-71
-77.60 To 22.38 %



MAT 3131

2.247 MeV (n,n') Level
Cross Section

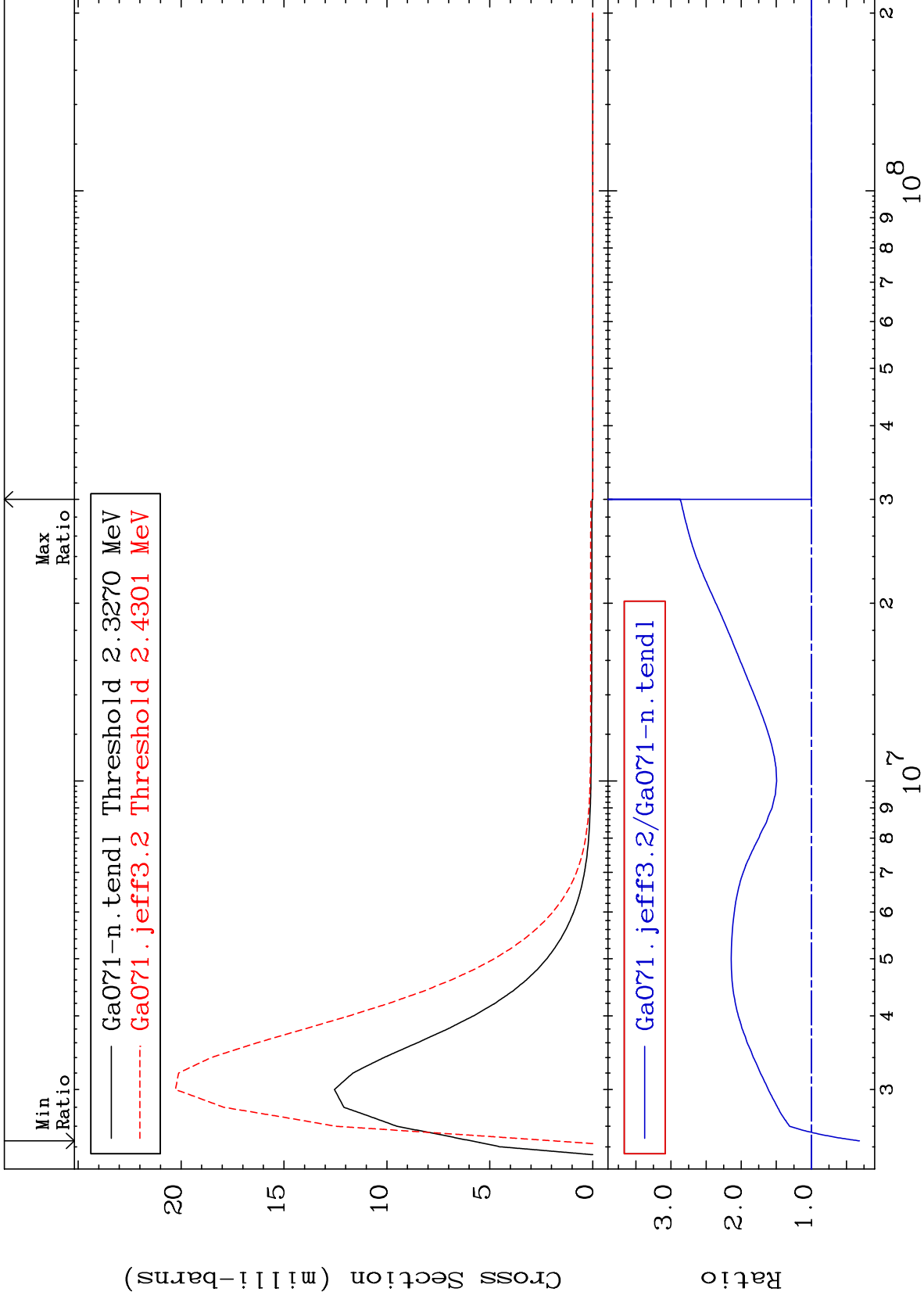
31-Ga-71
-98.40 To 0.000 %



MAT 3131

2.294 MeV (n,n') Level
Cross Section

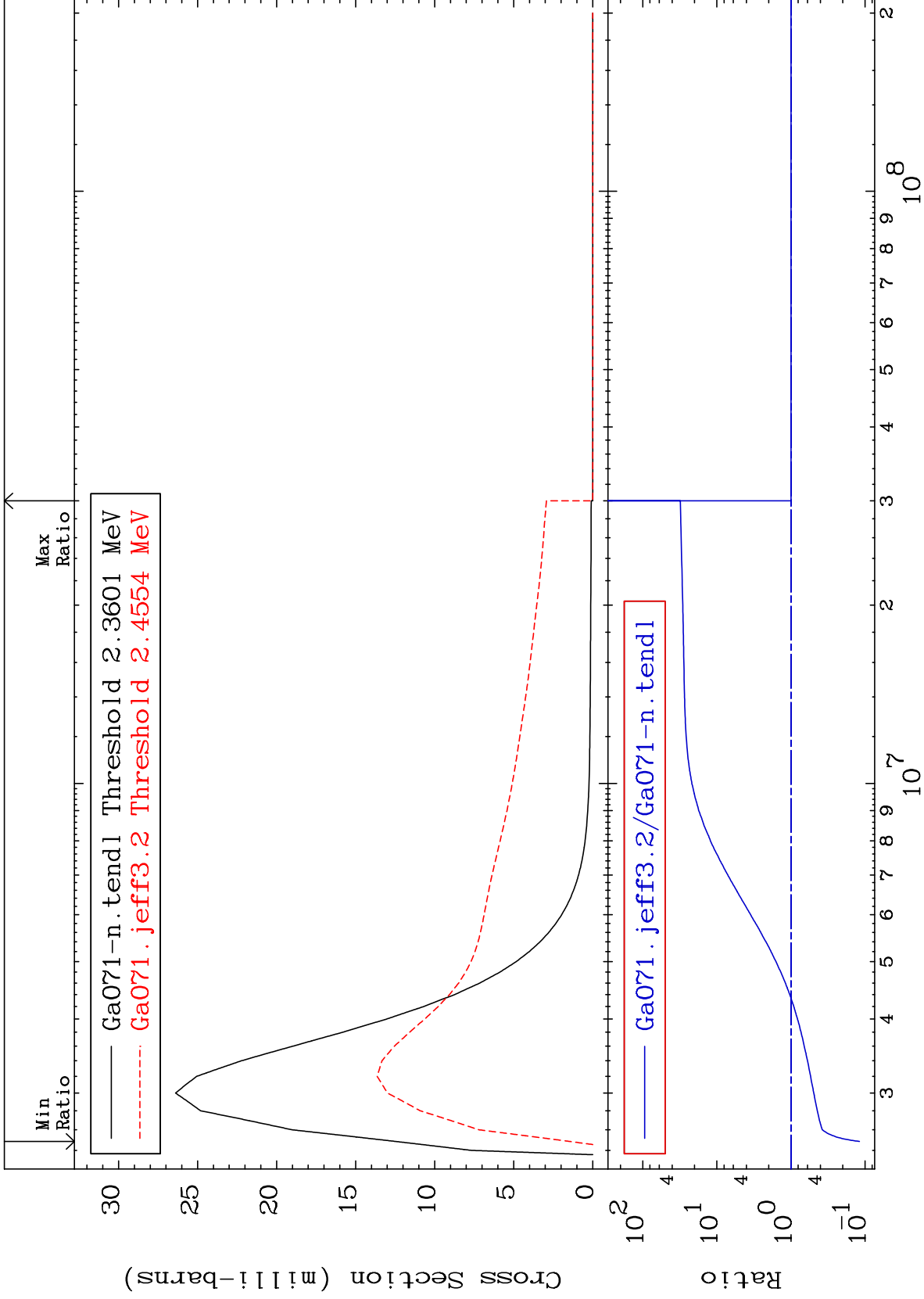
31-Ga-71
-68.39 To 186.7 %



MAT 3131

2.327 MeV (n,n') Level
Cross Section

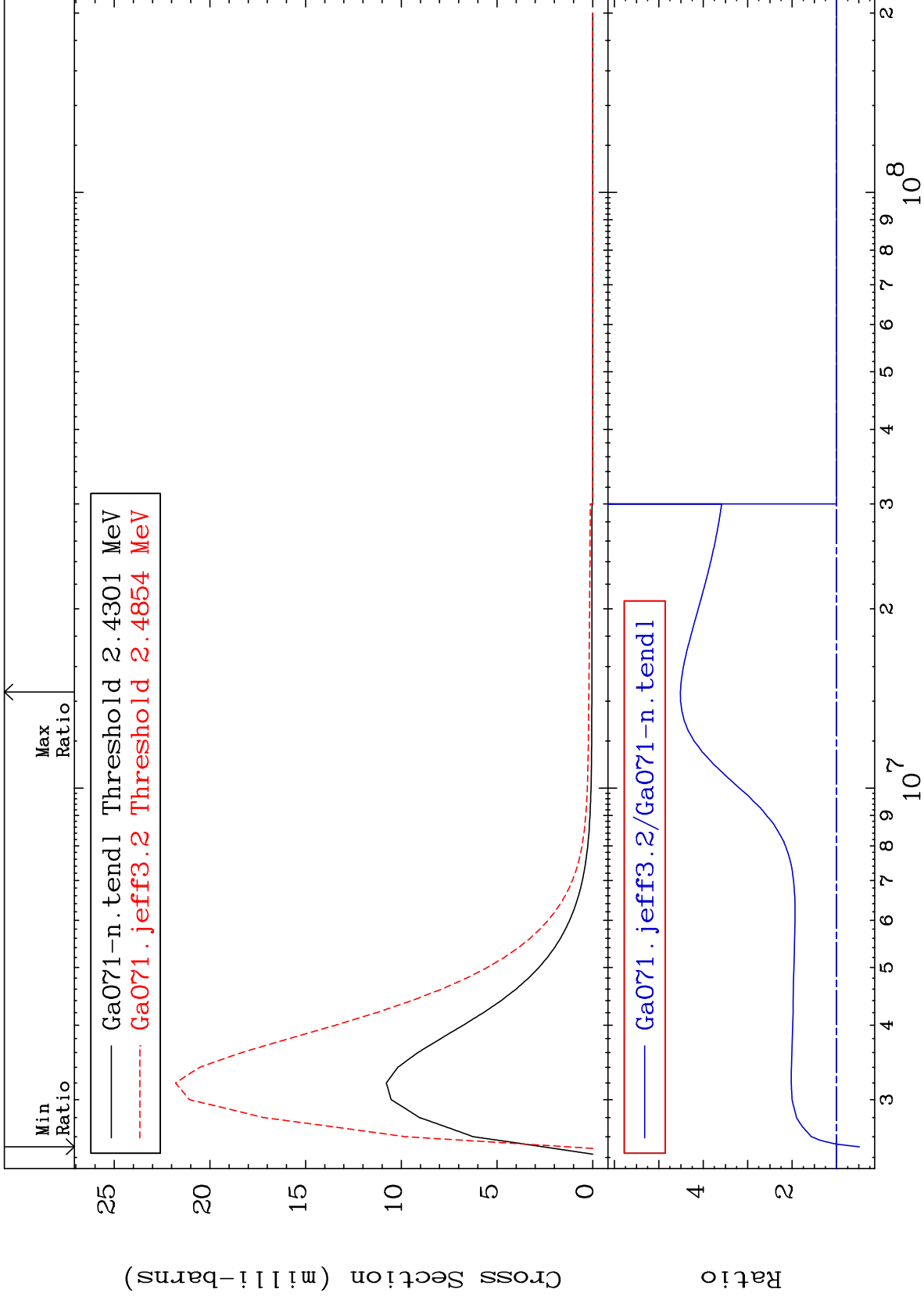
31-Ga-71
-88.09 To 3010. %



MAT 3131

2.396 MeV (n,n') Level
Cross Section

31-Ga-71
-51.40 To 351.5 %



47

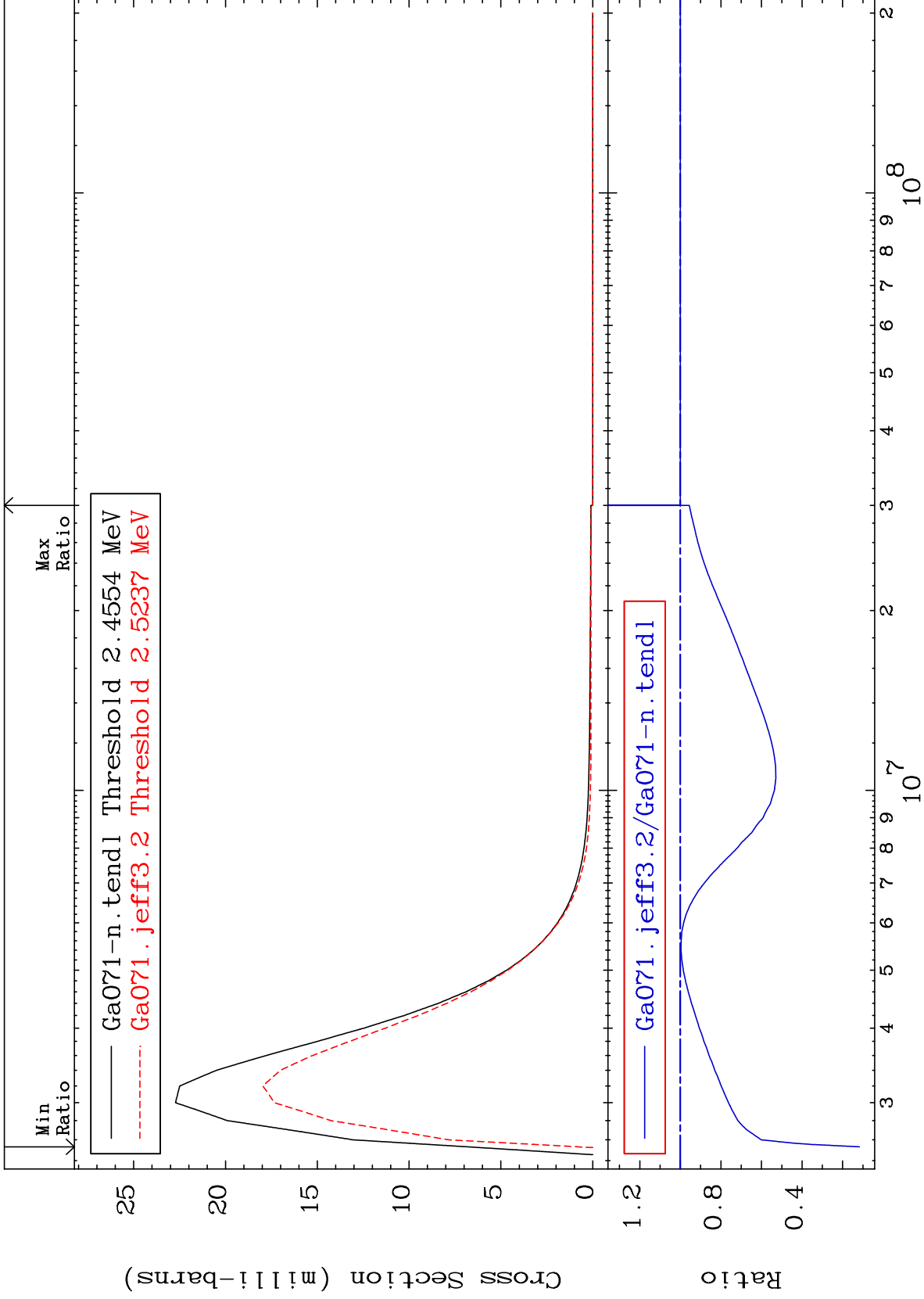
Incident Energy (eV)

31-Ga-71

MAT 3131

2.421 MeV (n, n') Level
Cross Section

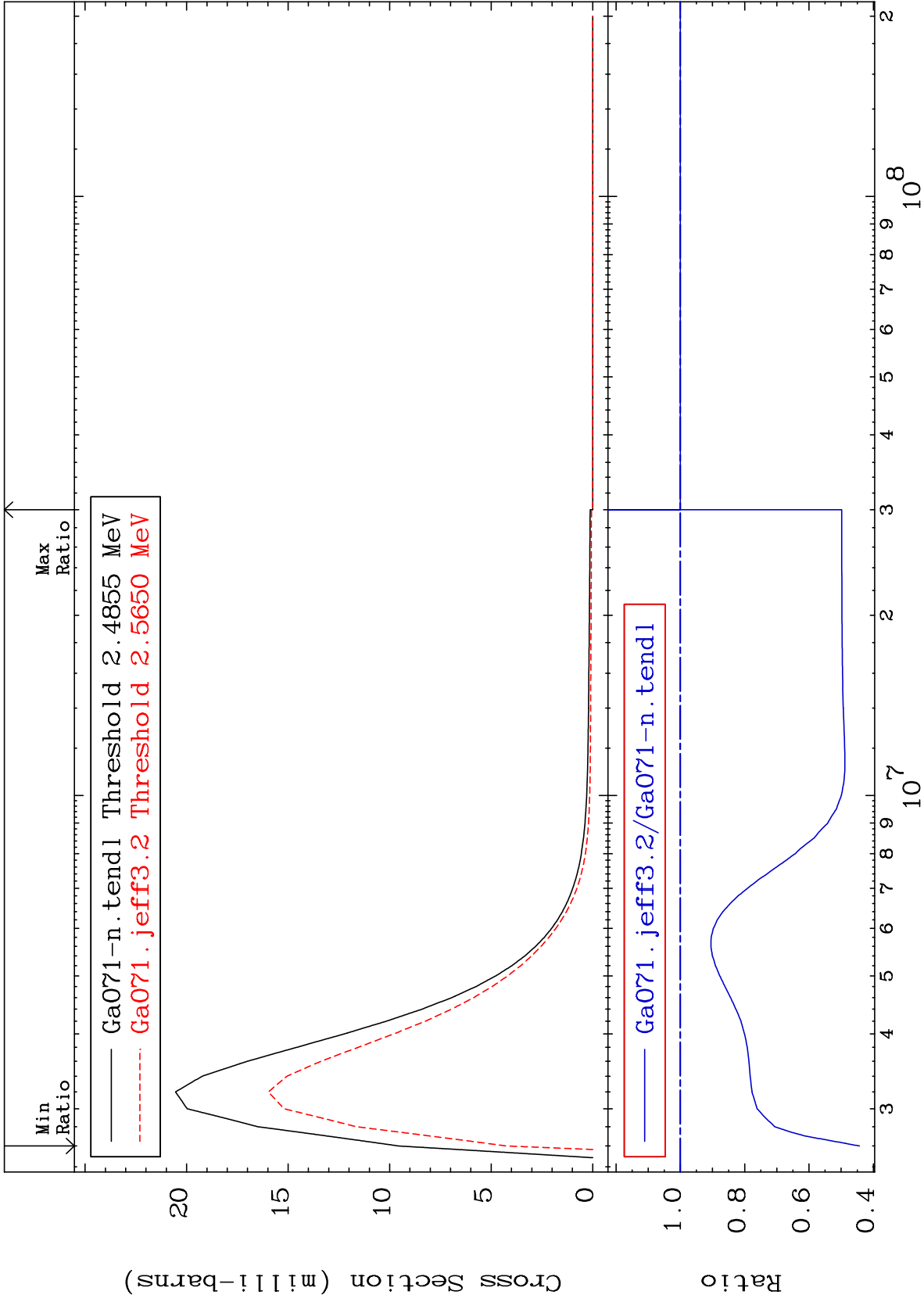
31-Ga-71
-88.29 To 0.000 %



MAT 3131

2.451 MeV (n,n') Level
Cross Section

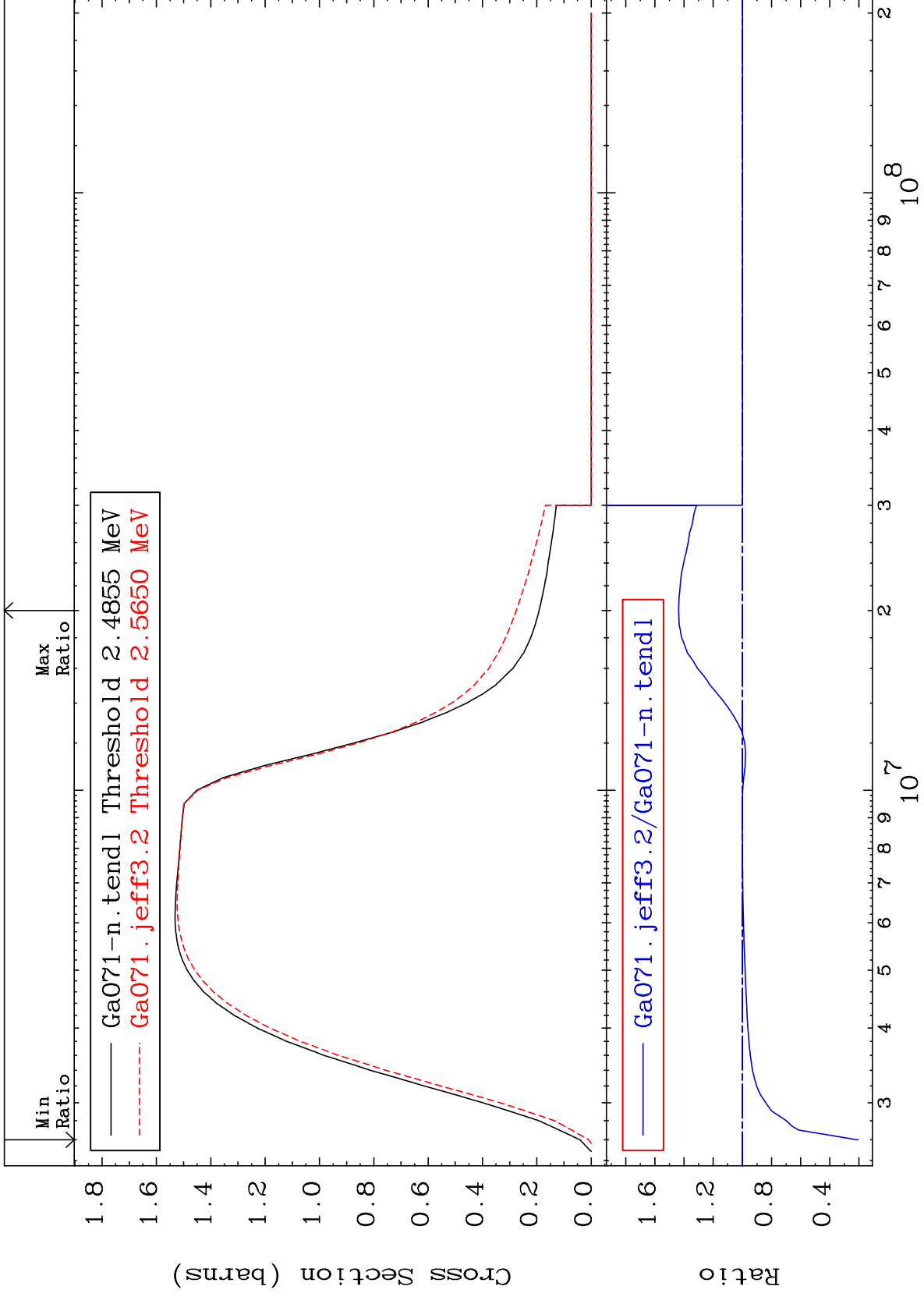
31-Ga-71
-55.68 To 0.000 %



MAT 3131

(n, n') Continuum
Cross Section

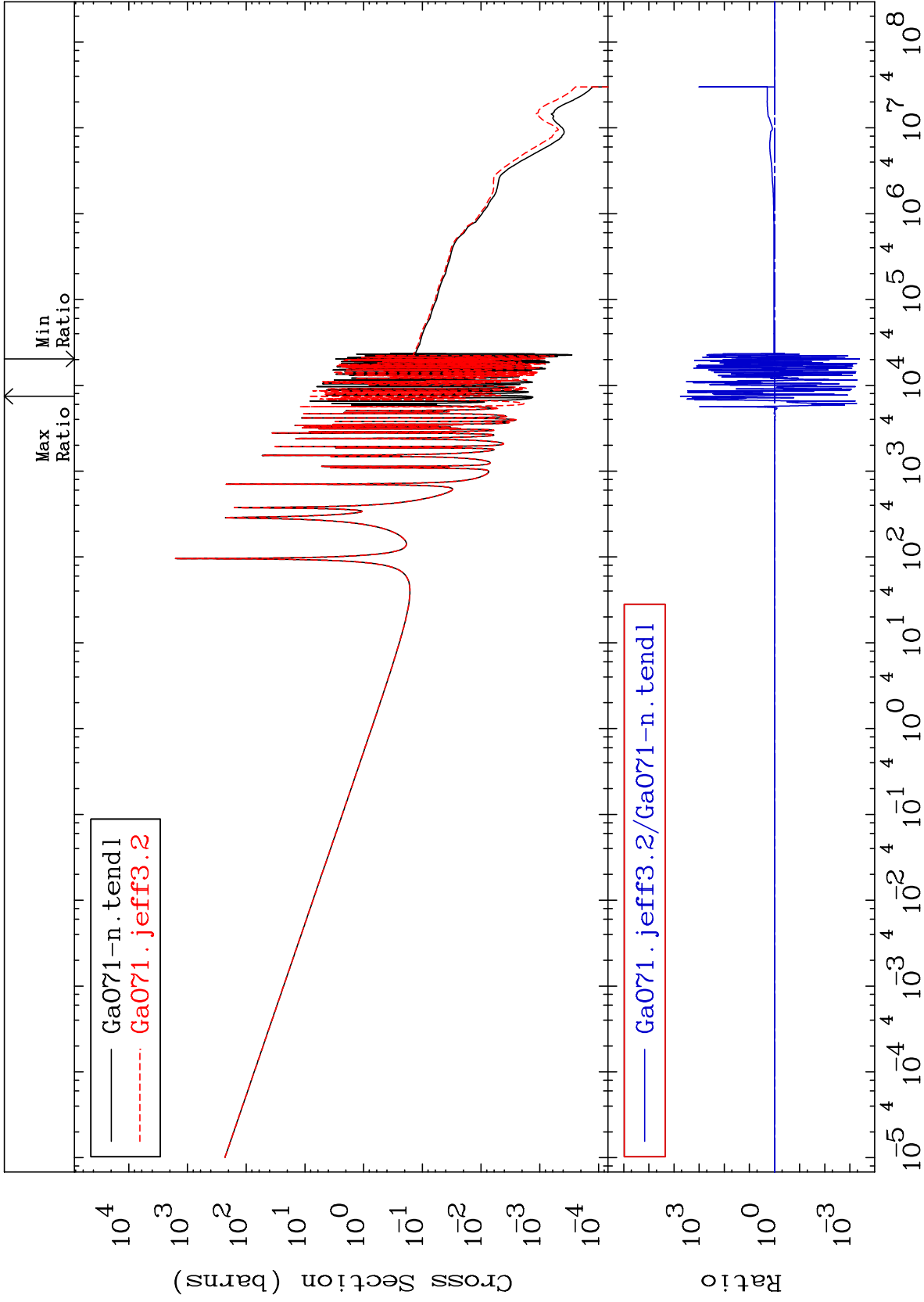
31-Ga-71
-78.92 To 43.75 %



MAT 3131

(n, γ)
Cross Section

31-Ga-71
-99.96 To 9999. %



51

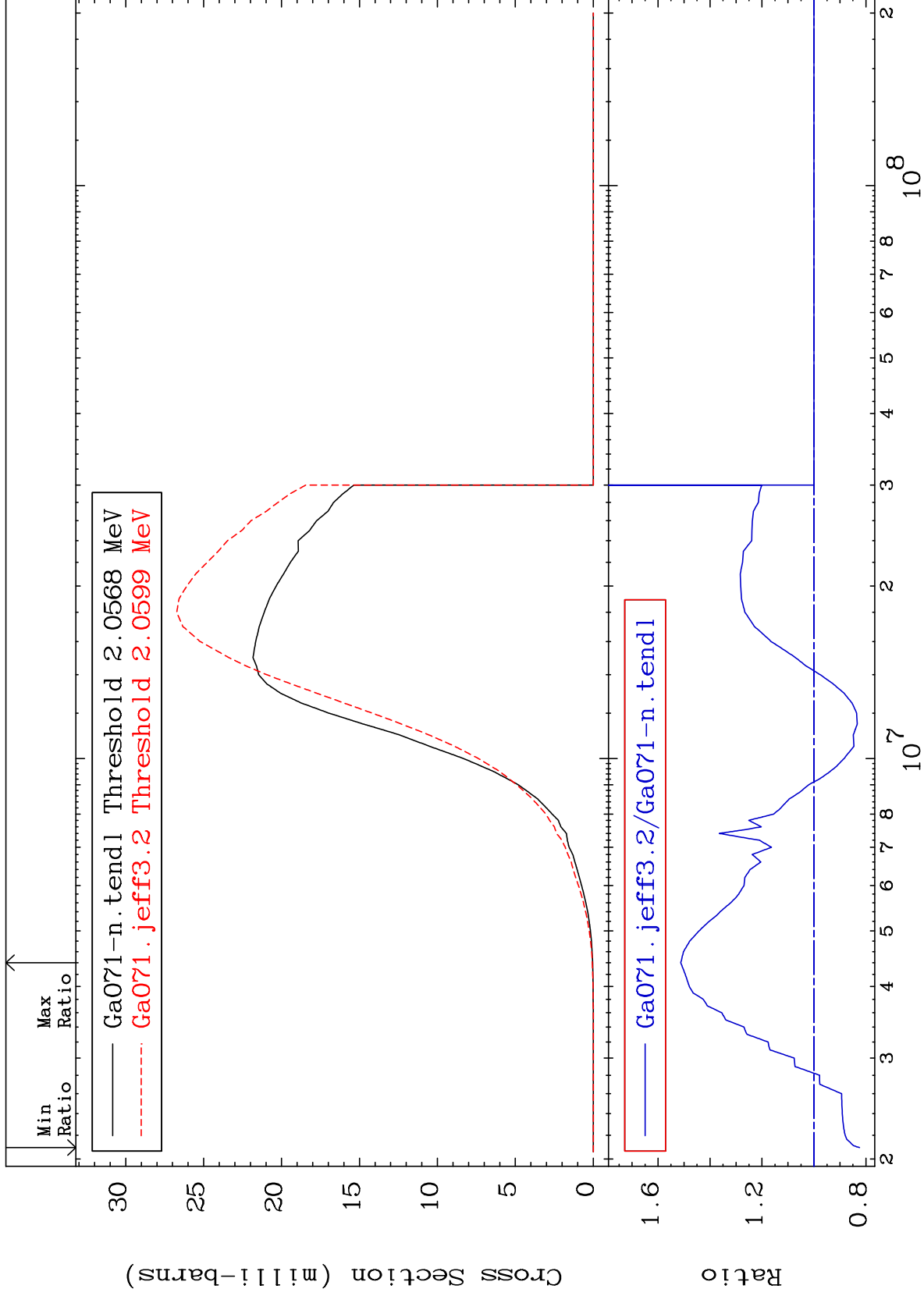
Incident Energy (eV)

31-Ga-71

MAT 3131

(n,p)
Cross Section

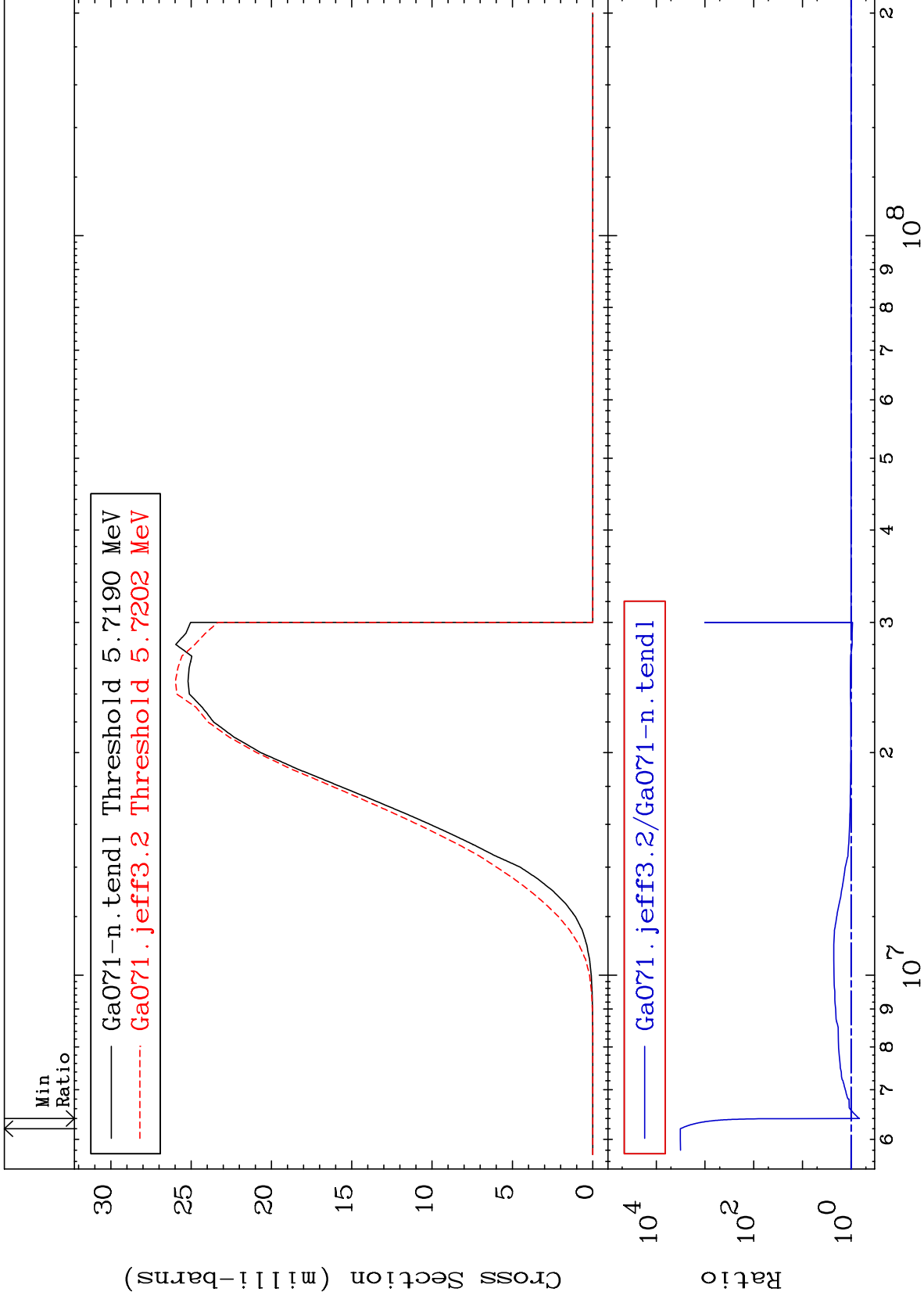
³¹Ga-71
-17.53 To 51.26 %



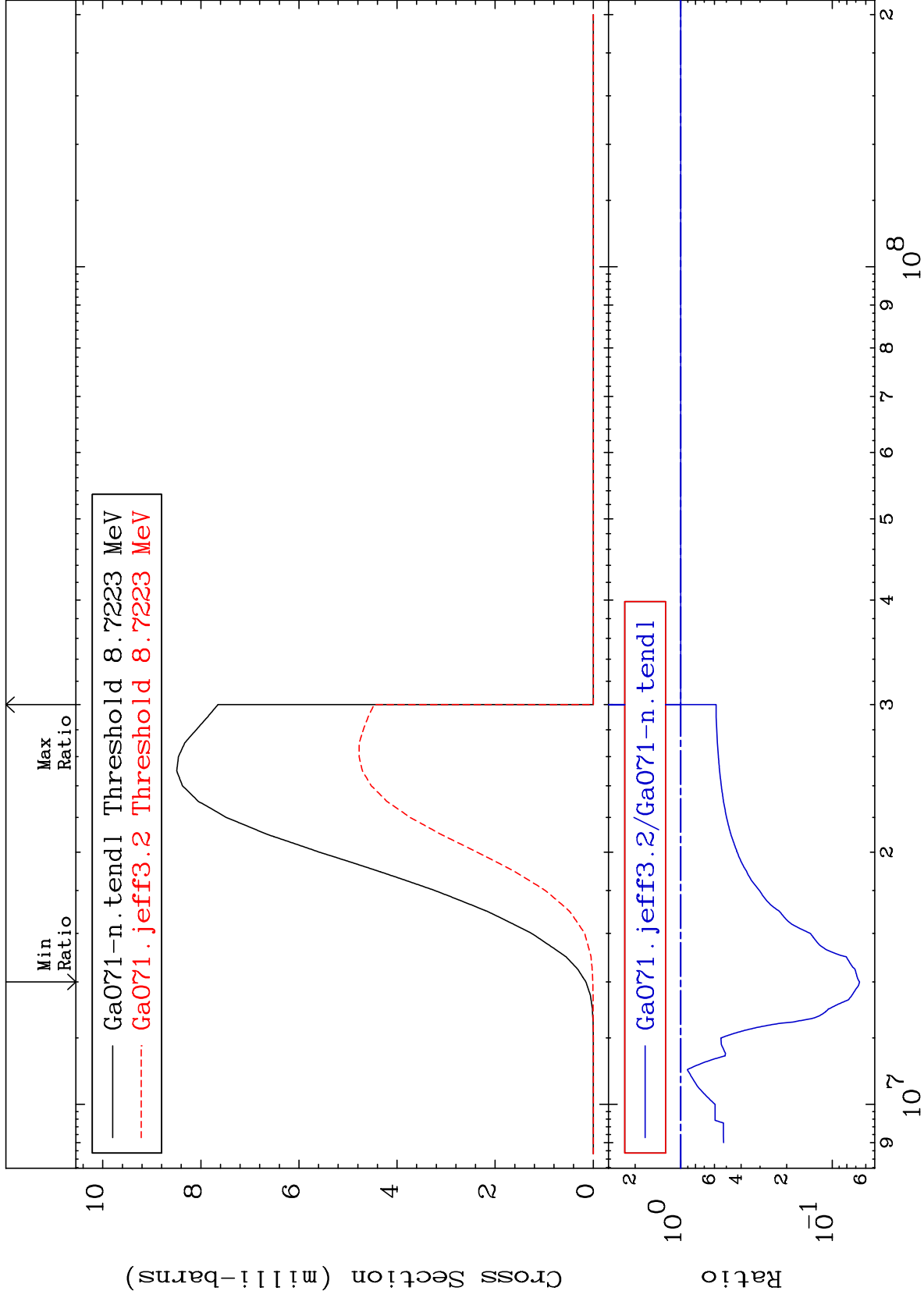
MAT 3131

(n, d)
Cross Section

31-Ga-71
-32.40 To 9999. %



(n, t)
Cross Section



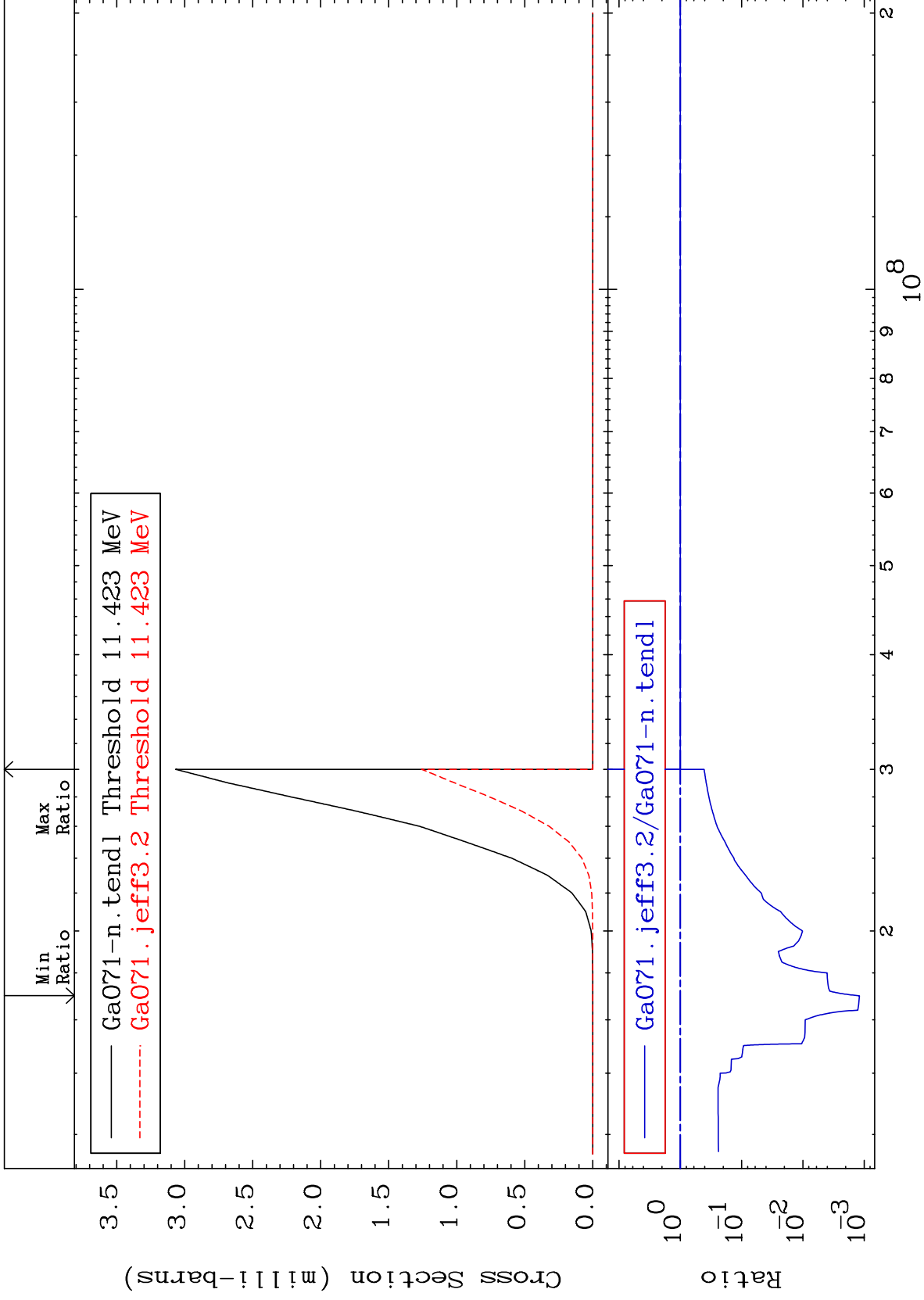
MAT 3131

(n, He-3)

31-Ga-71

Cross Section

-99.88 To 0.000 %



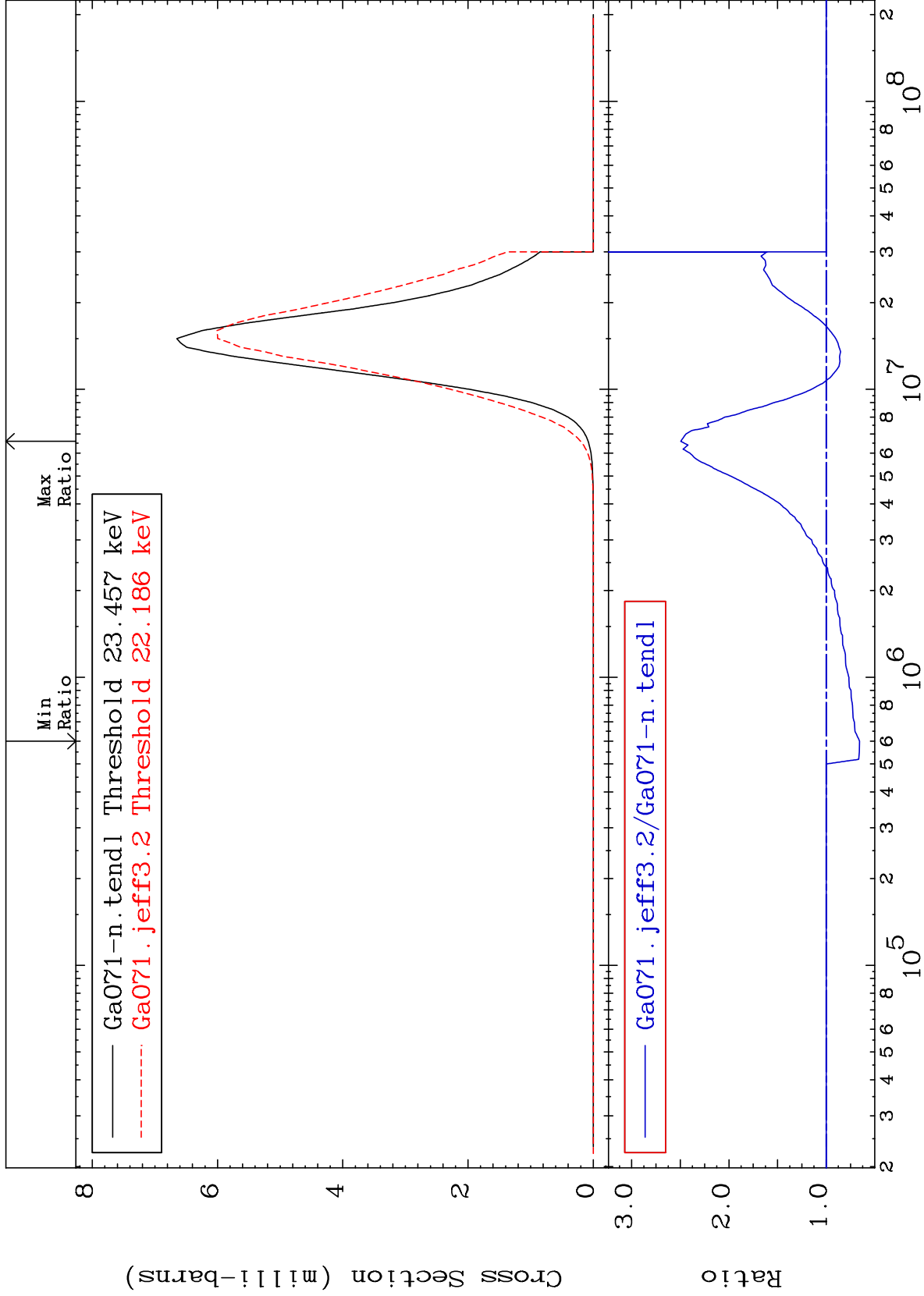
MAT 3131

(n, α)

31-Ga-71

Cross Section

-34.27 To 149.5 %



56

Incident Energy (eV)

31-Ga-71

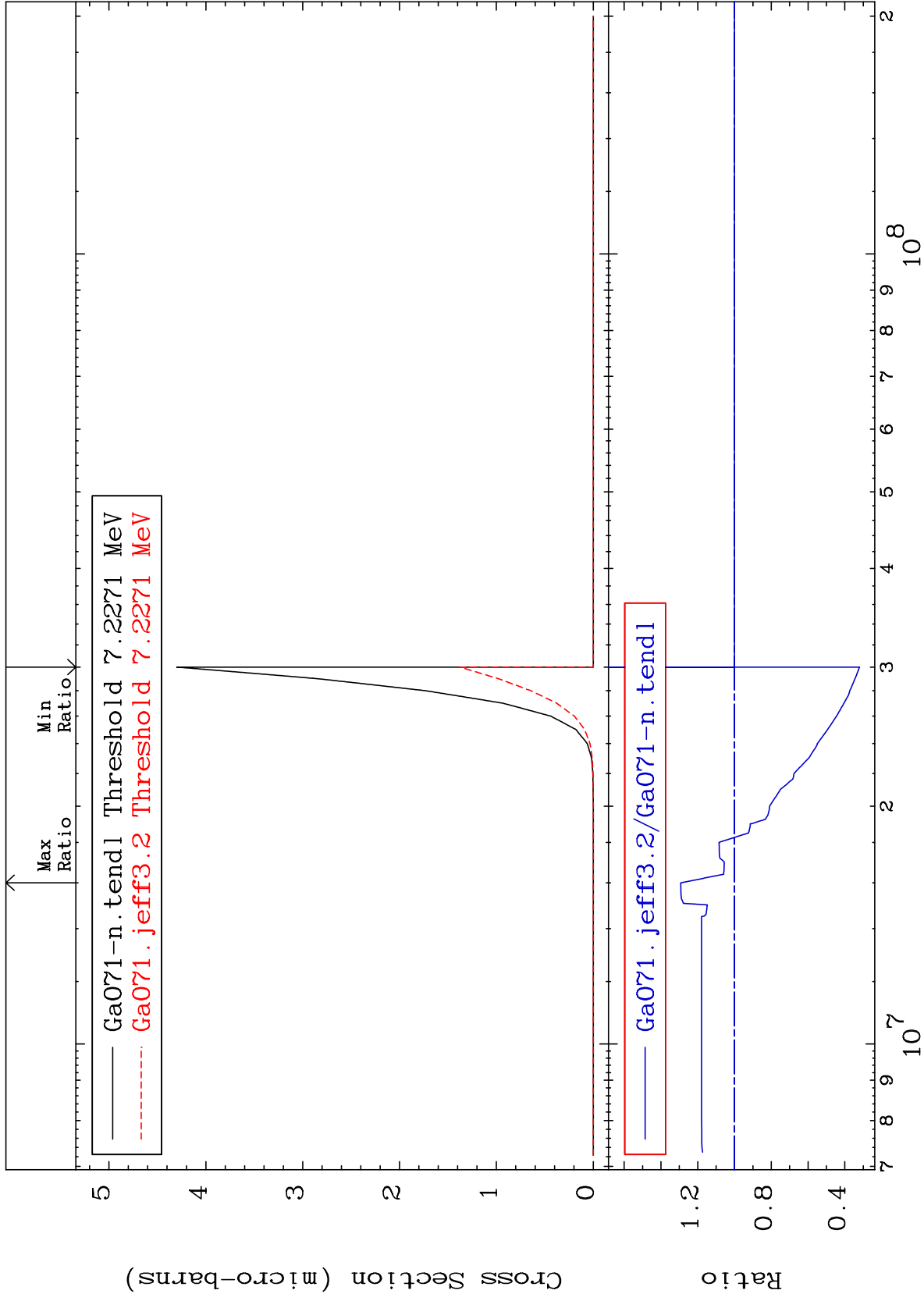
MAT 3131

(n,2α)

31-Ga-71

Cross Section

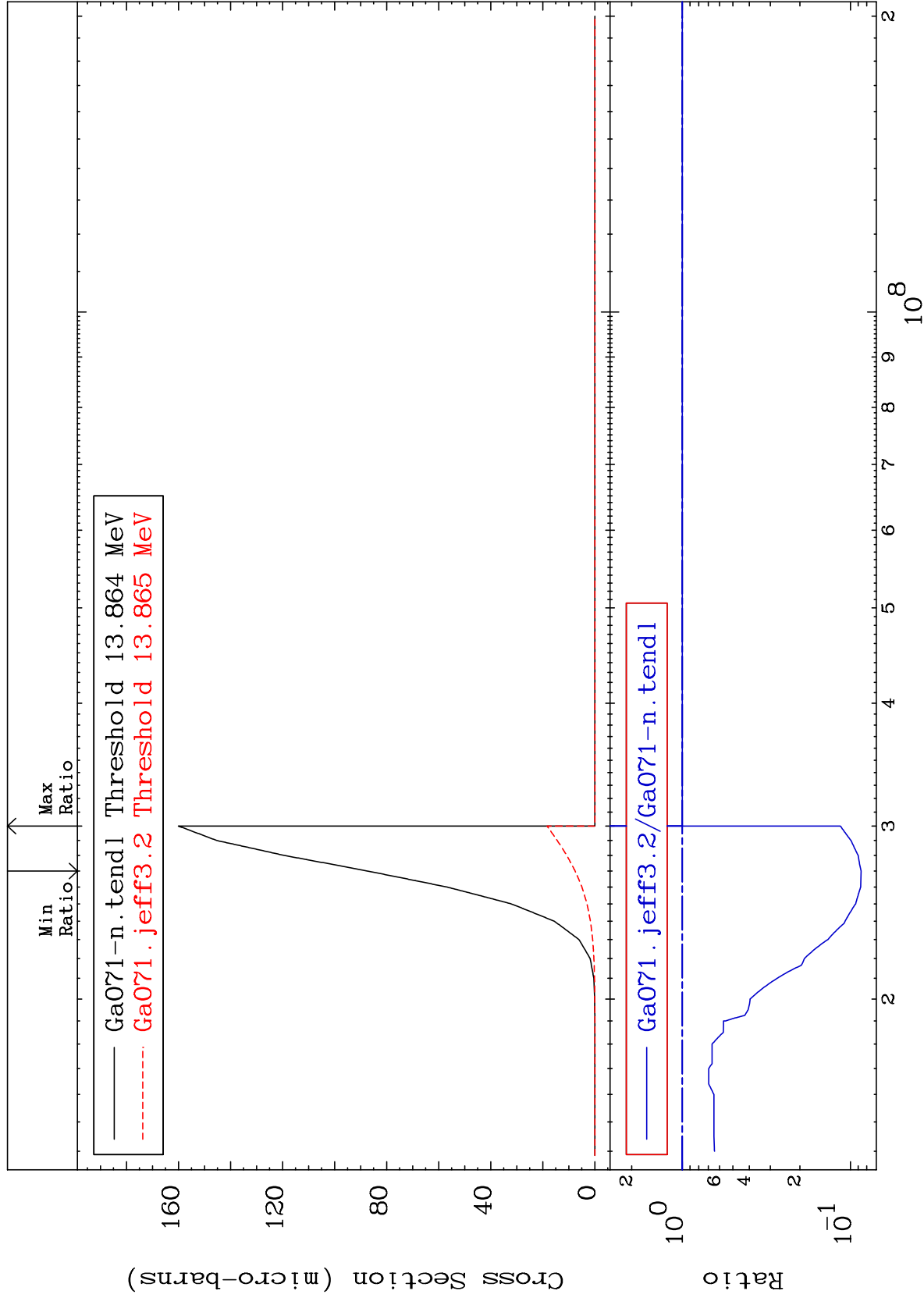
-68.00 To 29.22 %



57

Incident Energy (eV)

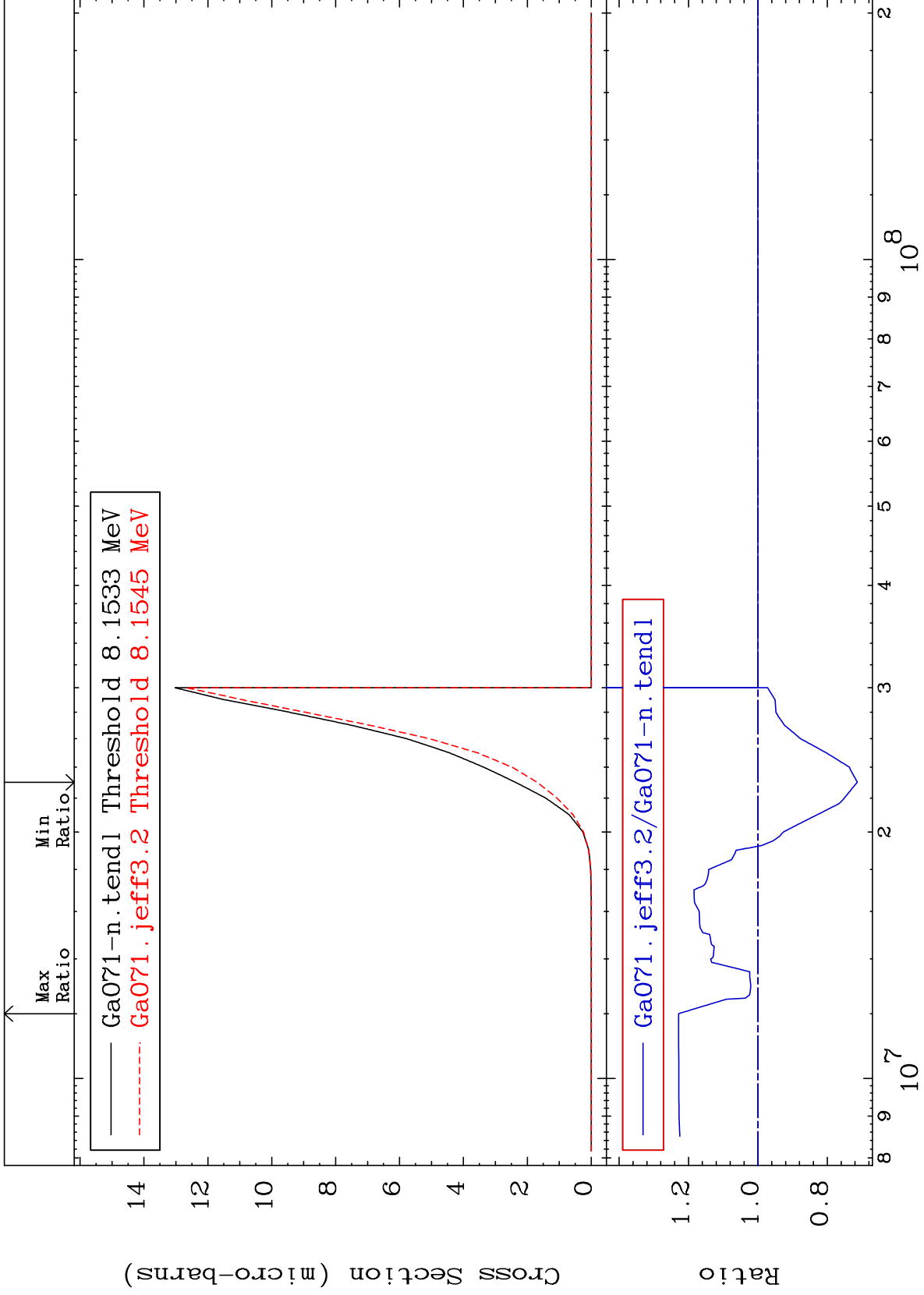
31-Ga-71



MAT 3131

(n, p) α
Cross Section

³¹Ga-71
-28.65 To 22.85 %



59

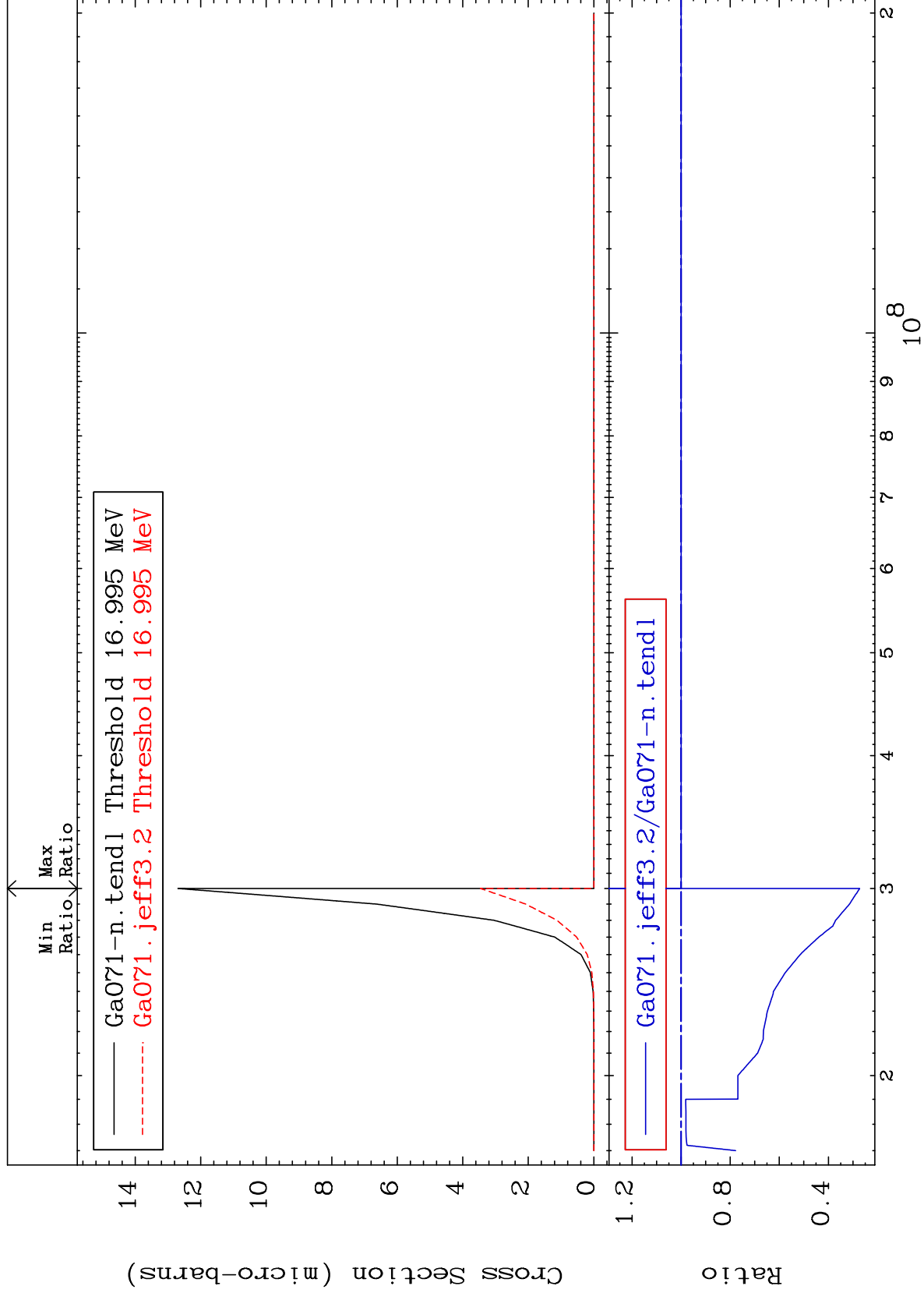
Incident Energy (eV)

³¹Ga-71

MAT 3131

(n, p) d
Cross Section

31-Ga-71
-72.75 To 0.000 %



60

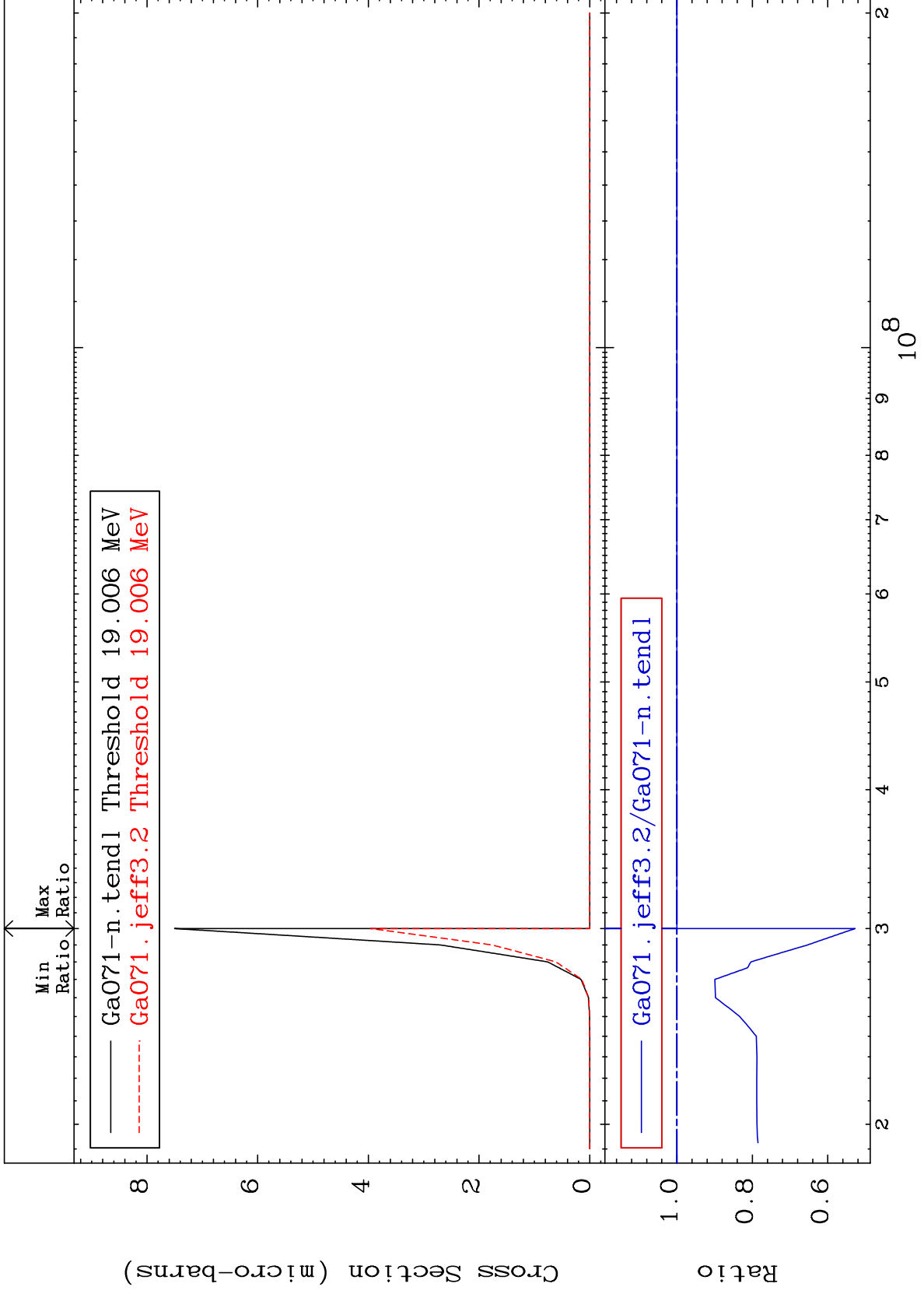
31-Ga-71

31-Ga-71

MAT 3131

(n, p) t
Cross Section

31-Ga-71
-47.24 To 0.000 %



61

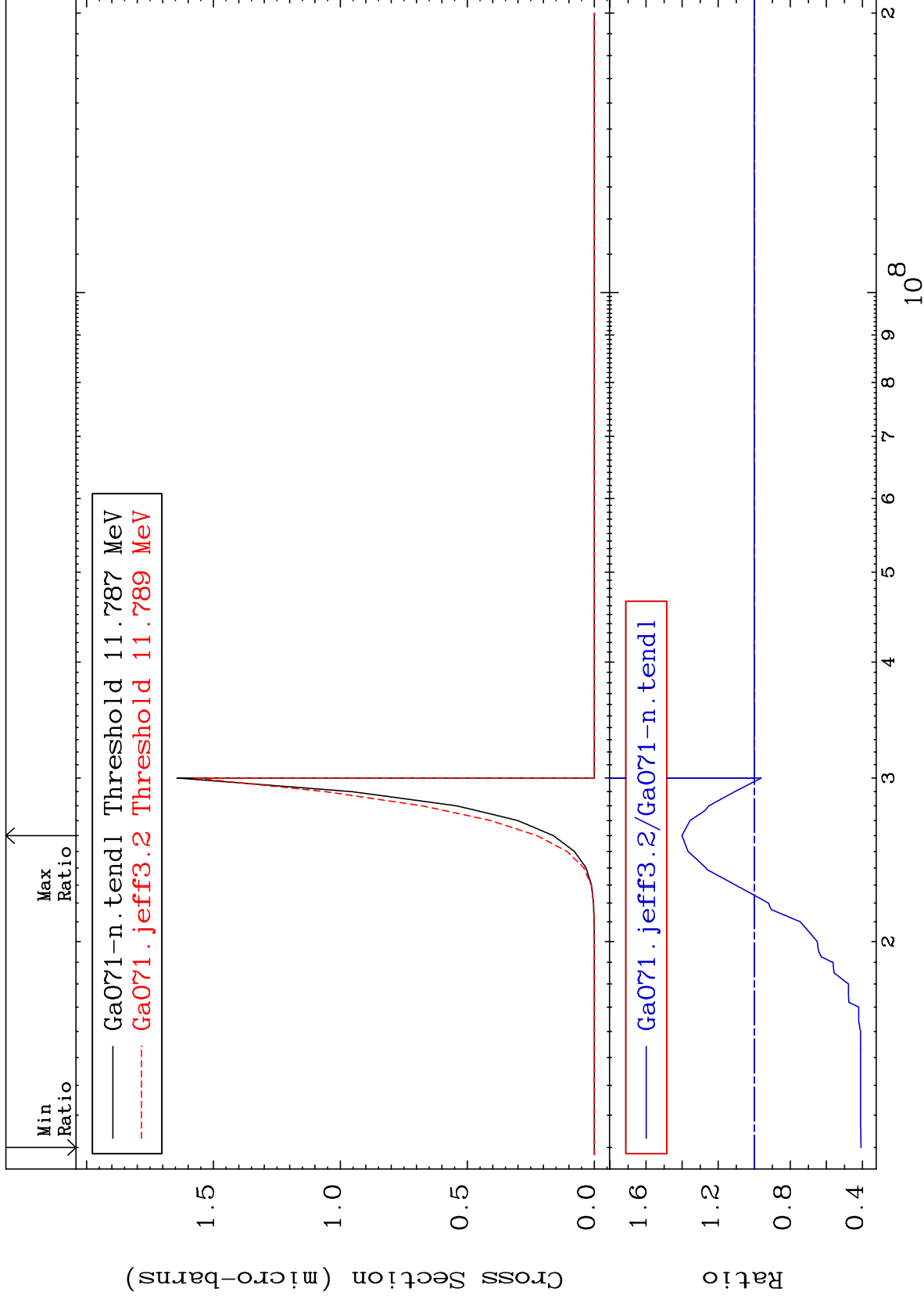
31-Ga-71

31-Ga-71

MAT 3131

(n, d) α
Cross Section

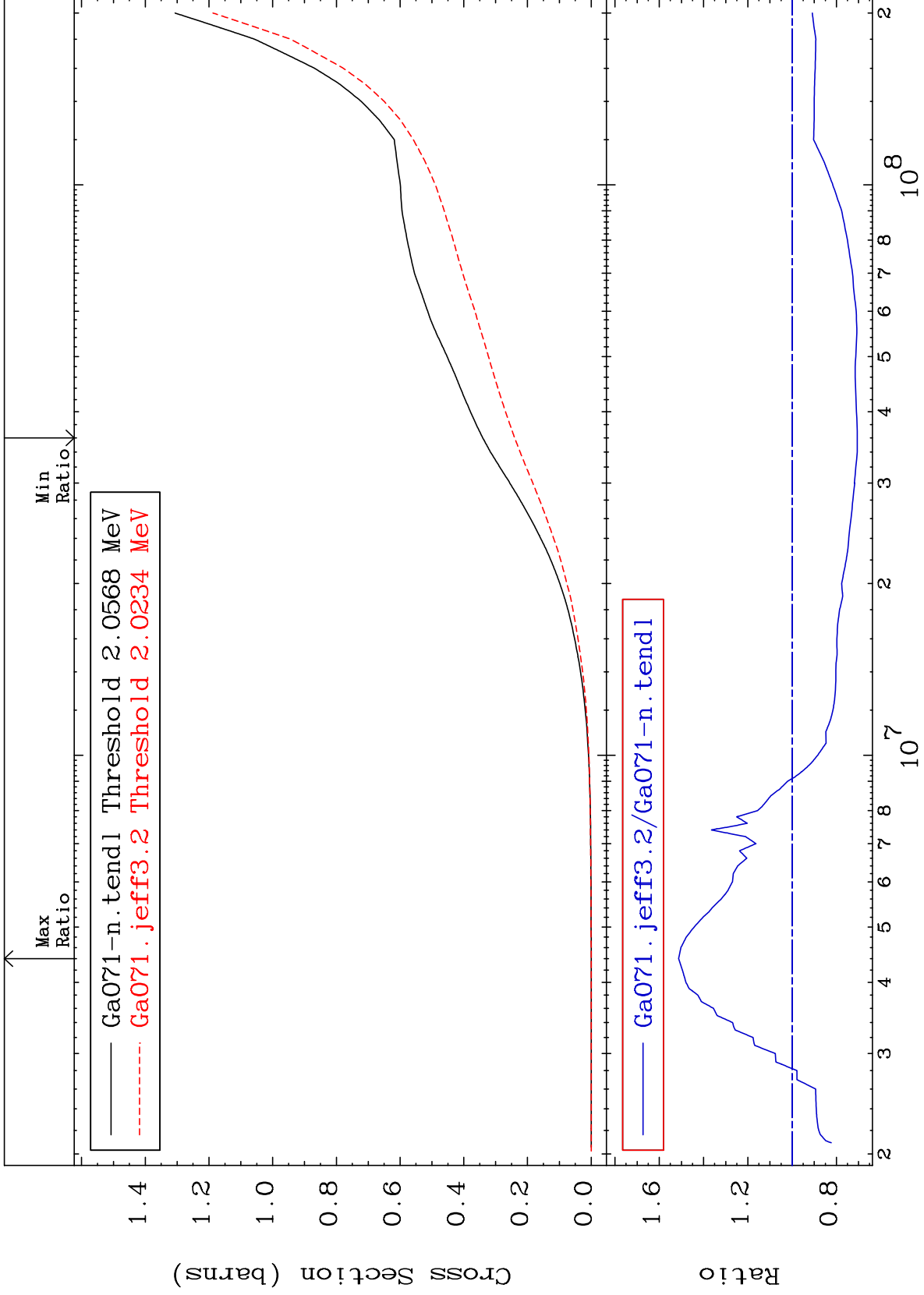
31-Ga-71
-59.14 To 40.12 %



MAT 3131

Hydrogen Production
Cross Section

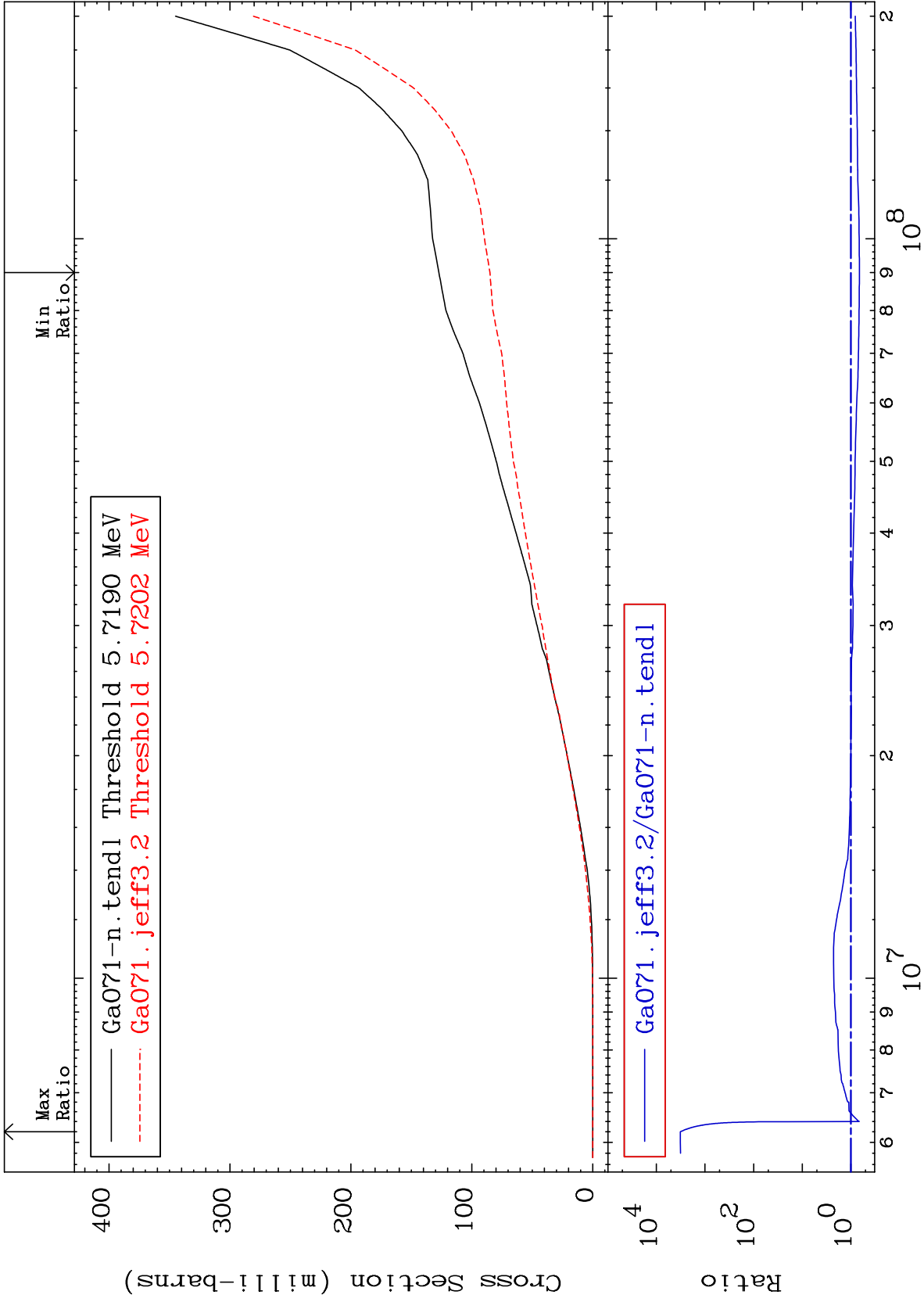
³¹Ga-71
-29.41 To 51.26 %



MAT 3131

Deuterium Production
Cross Section

31-Ga-71
-33.14 To 9999. %



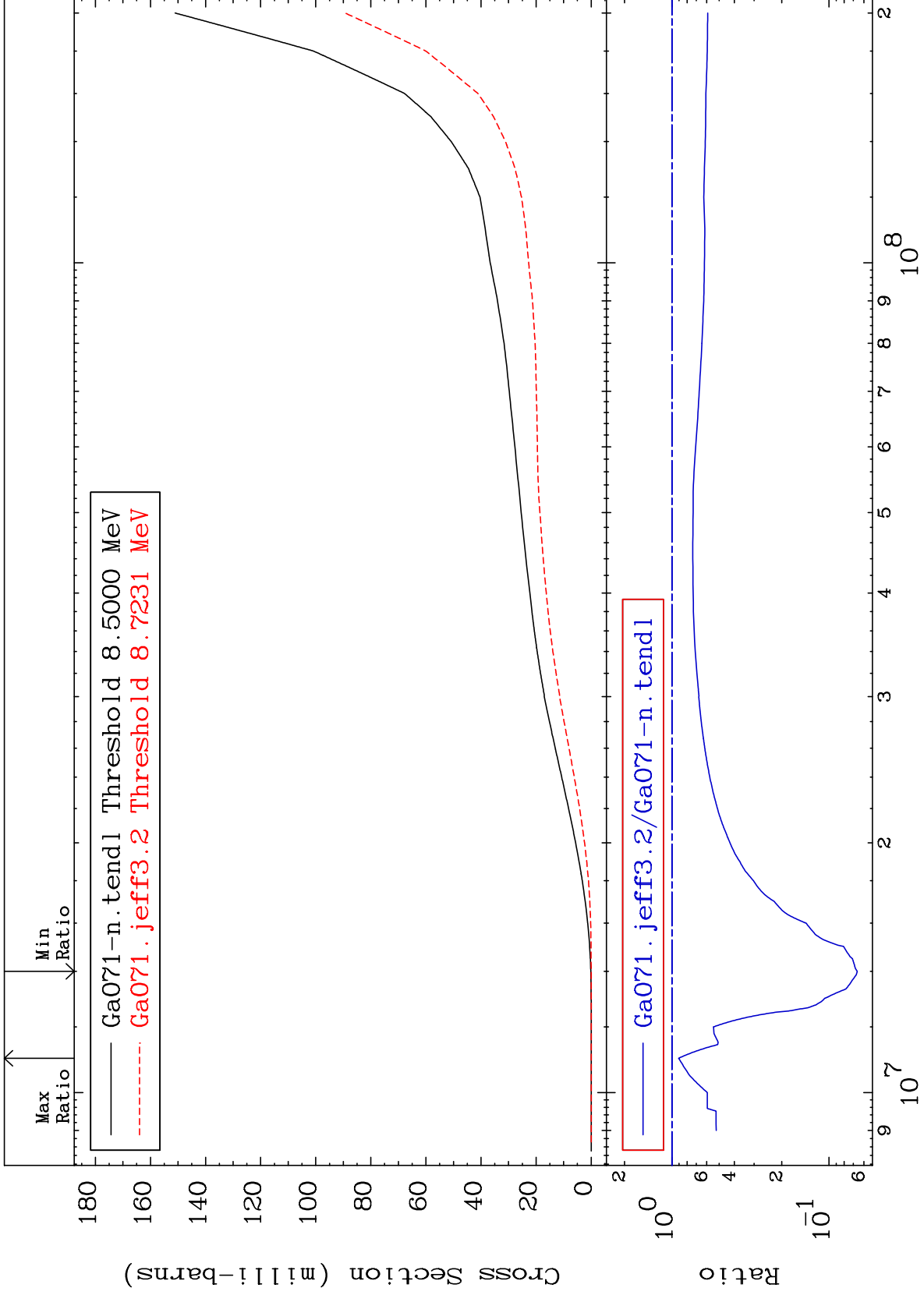
64

31-Ga-71

MAT 3131

Tritium Production
Cross Section

³¹Ga-71
-93.40 To -9.482%



65

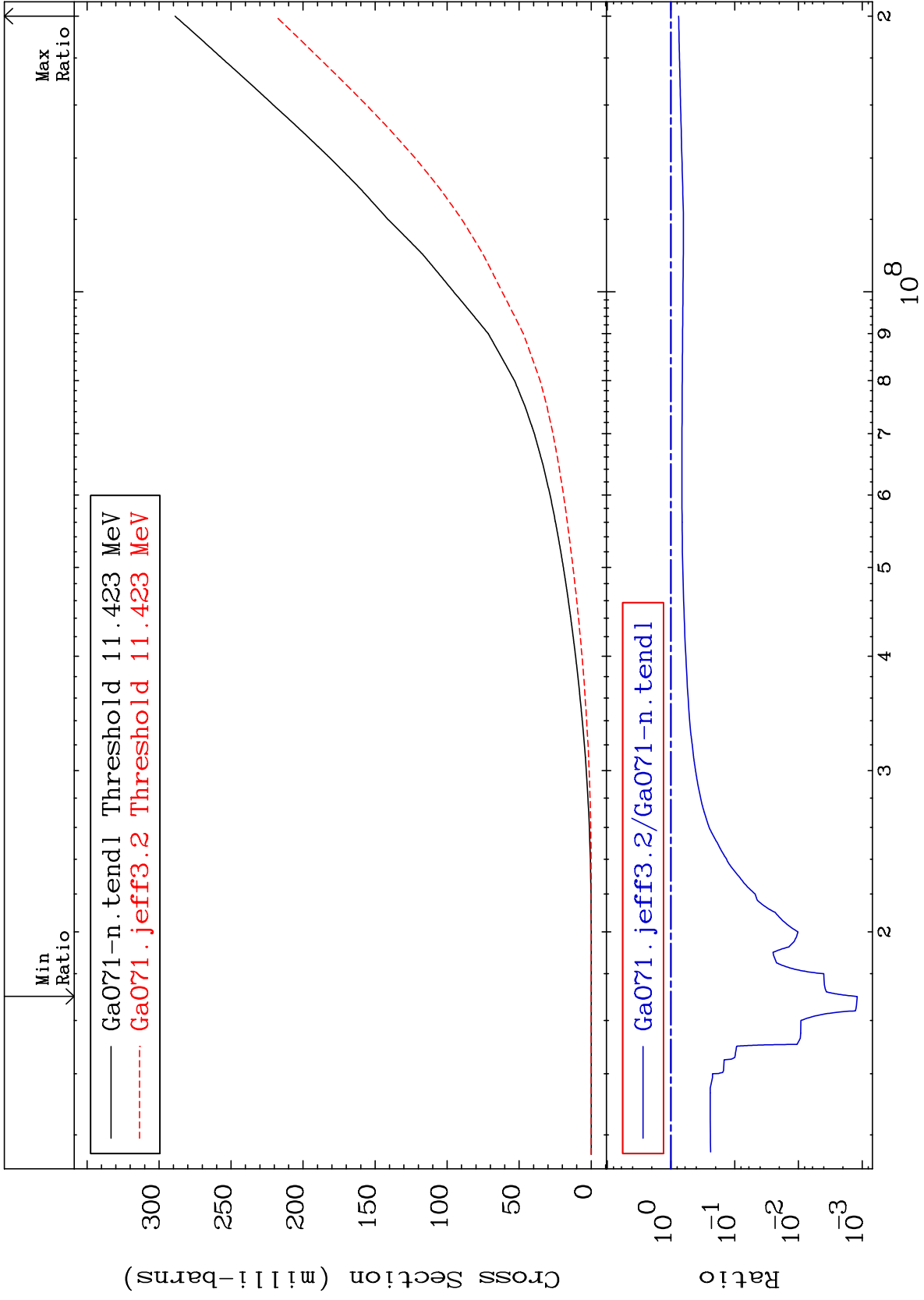
Incident Energy (eV)

³¹Ga-71

MAT 3131

He-3 Production
Cross Section

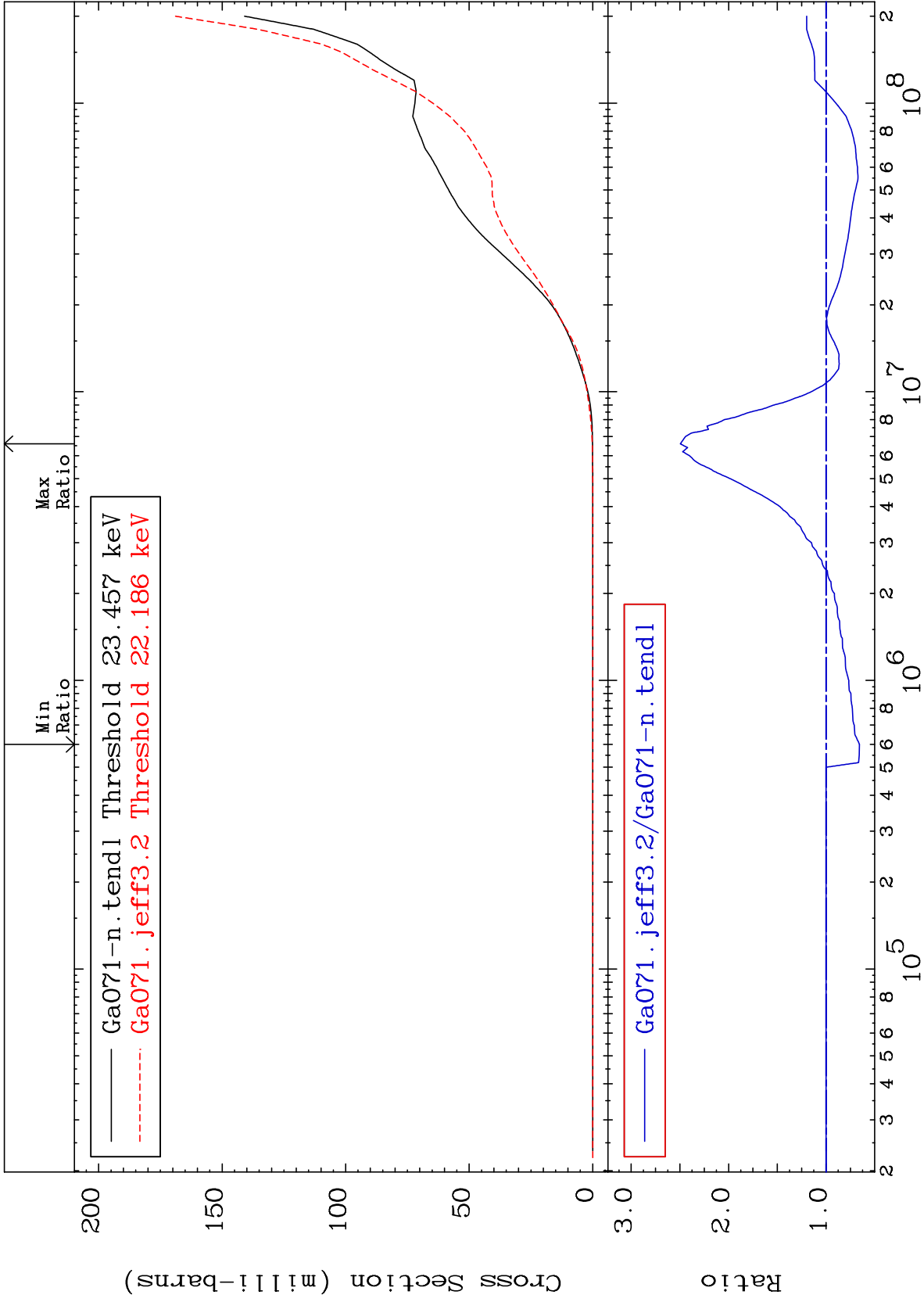
31-Ga-71
-99.88 To -24.15%



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He-4 Production
Cross Section

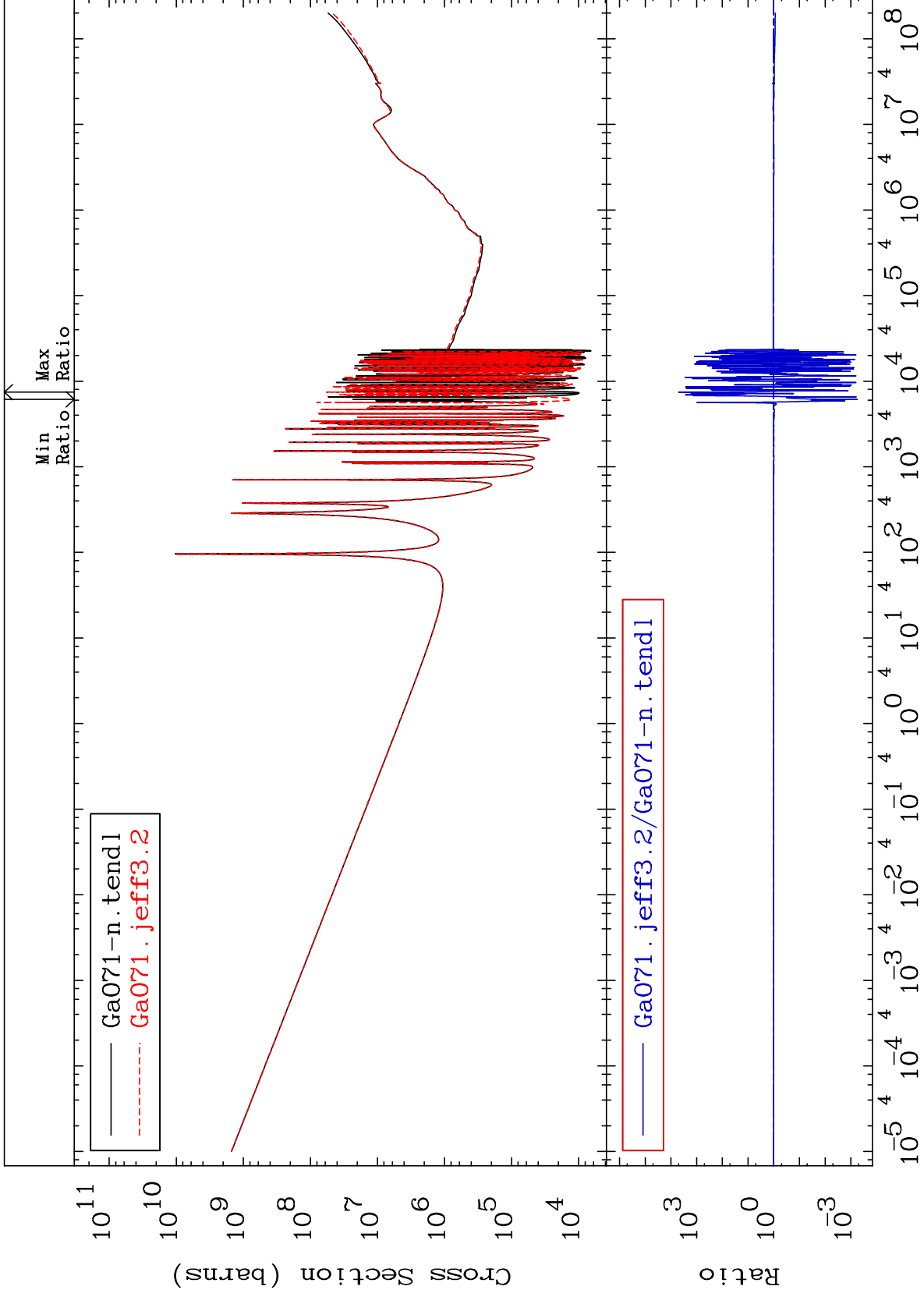
31-Ga-71
-34.27 To 149.5 %

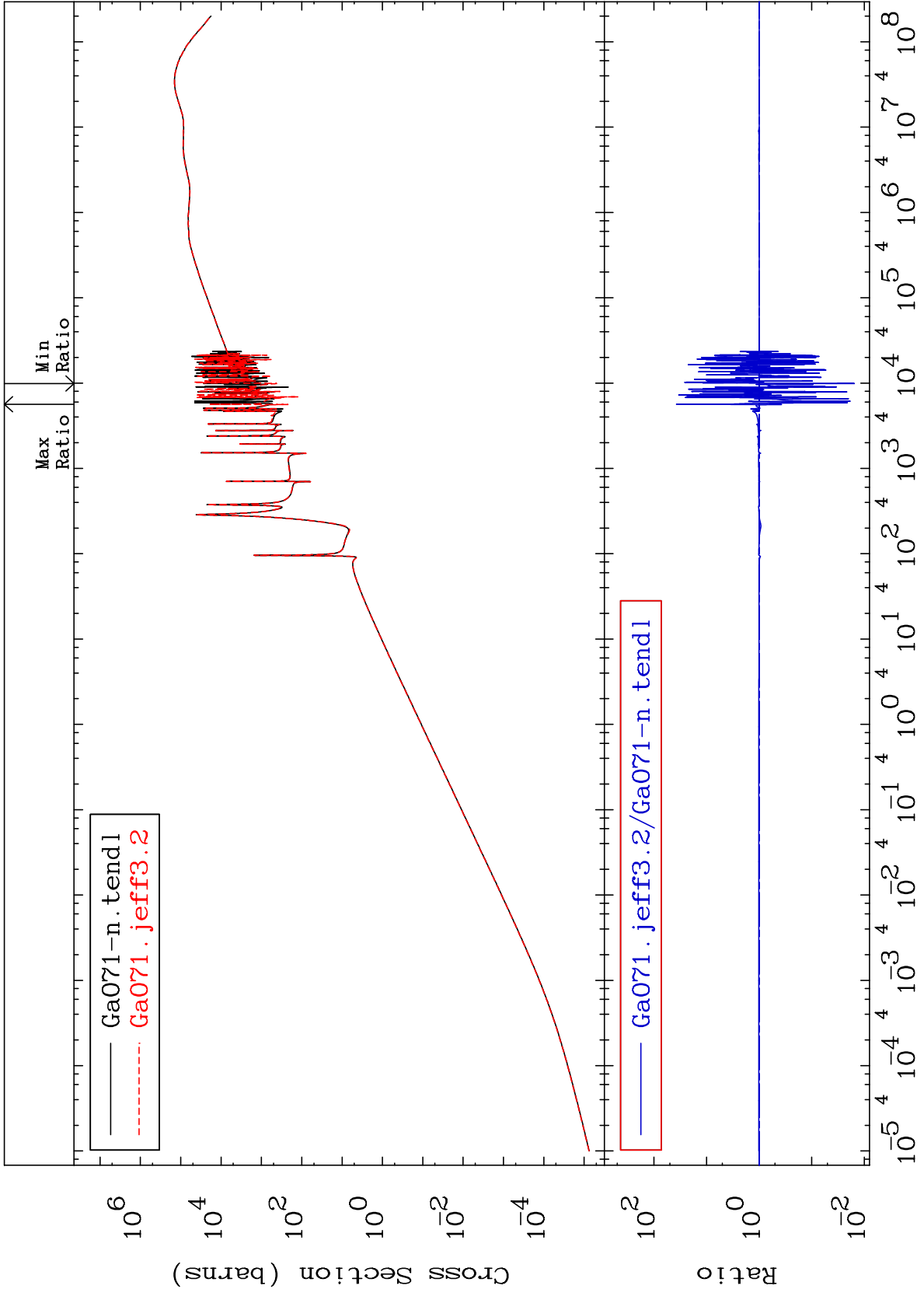


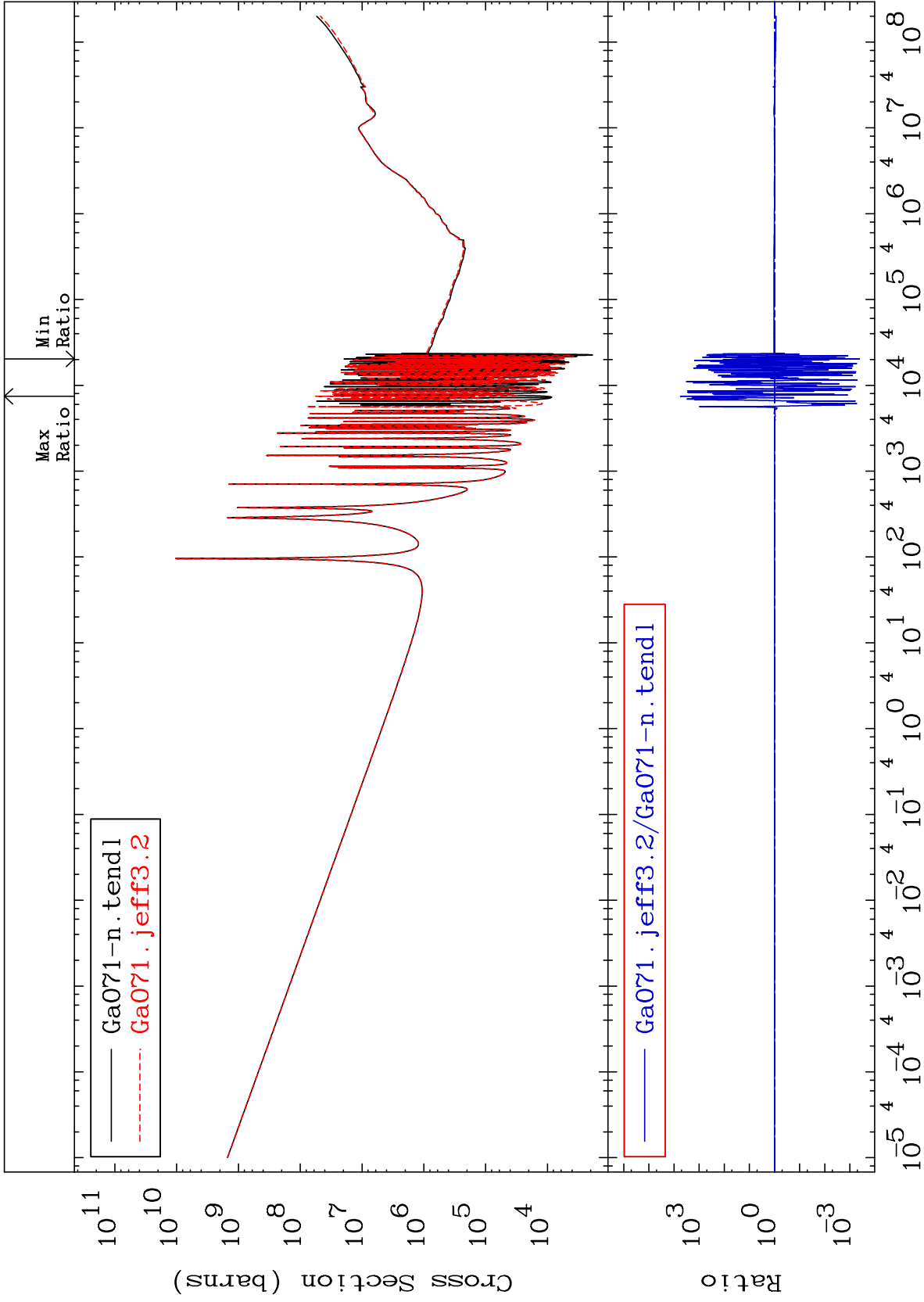
67

Incident Energy (eV)

31-Ga-71



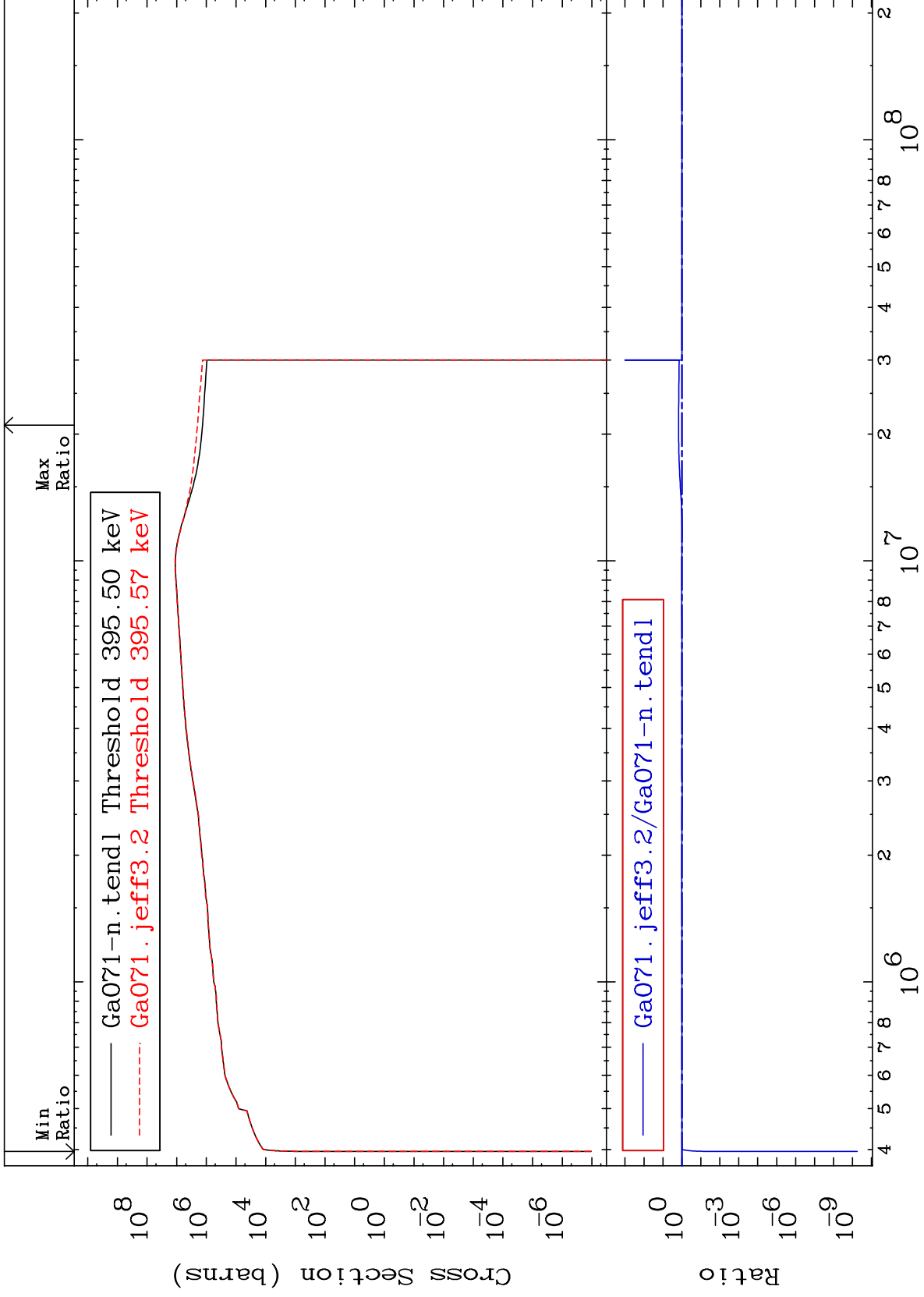




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Kerma inelastic (mt51-91)
Cross Section

31-Ga-71
-100.0 To 48.38 %



71

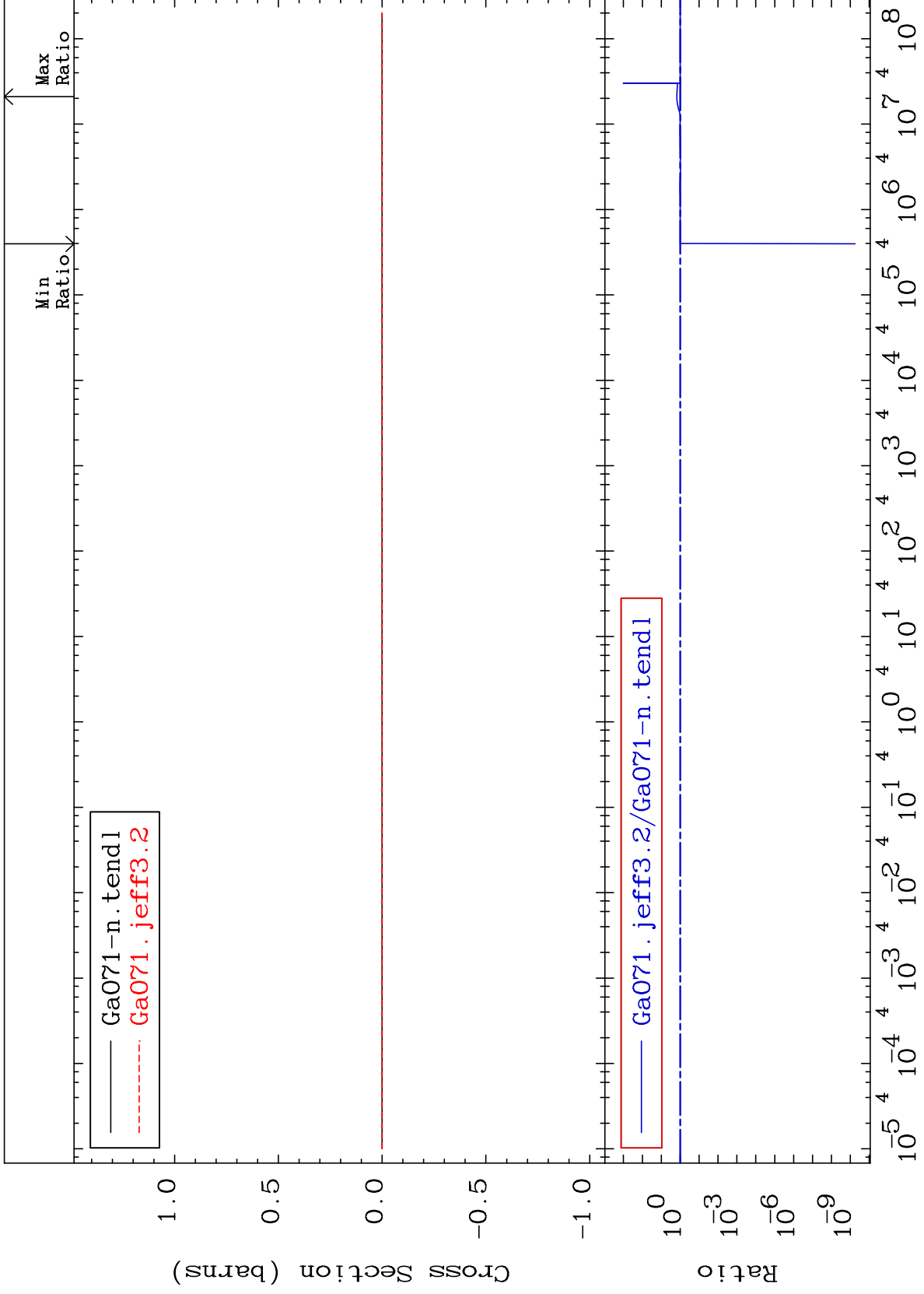
Incident Energy (eV)

31-Ga-71

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

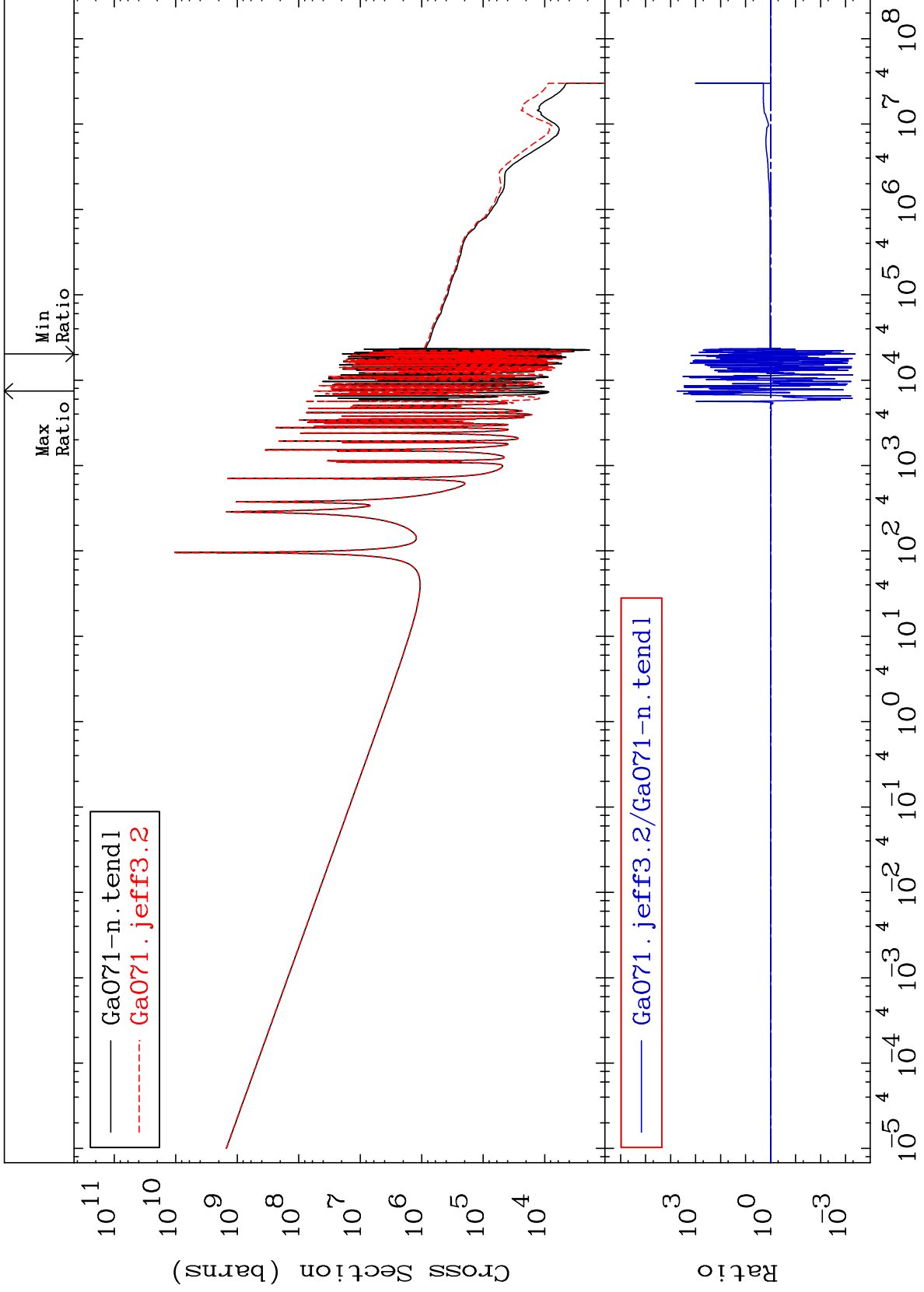
31-Ga-71
-100.0 To 48.38 %



MAT 3131

Kerma capture (mt102)
Cross Section

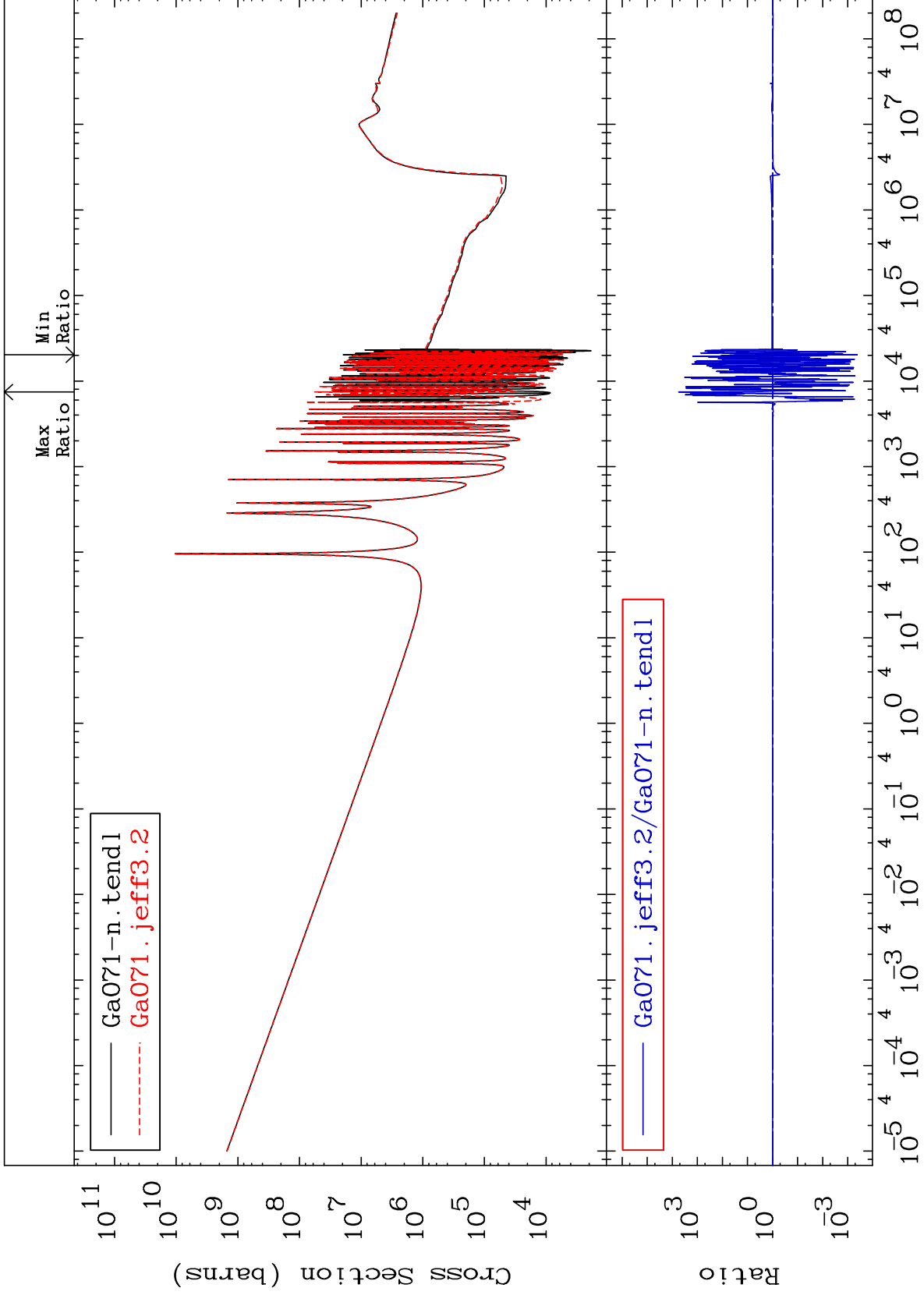
31-Ga-71
-99.96 To 9999. %

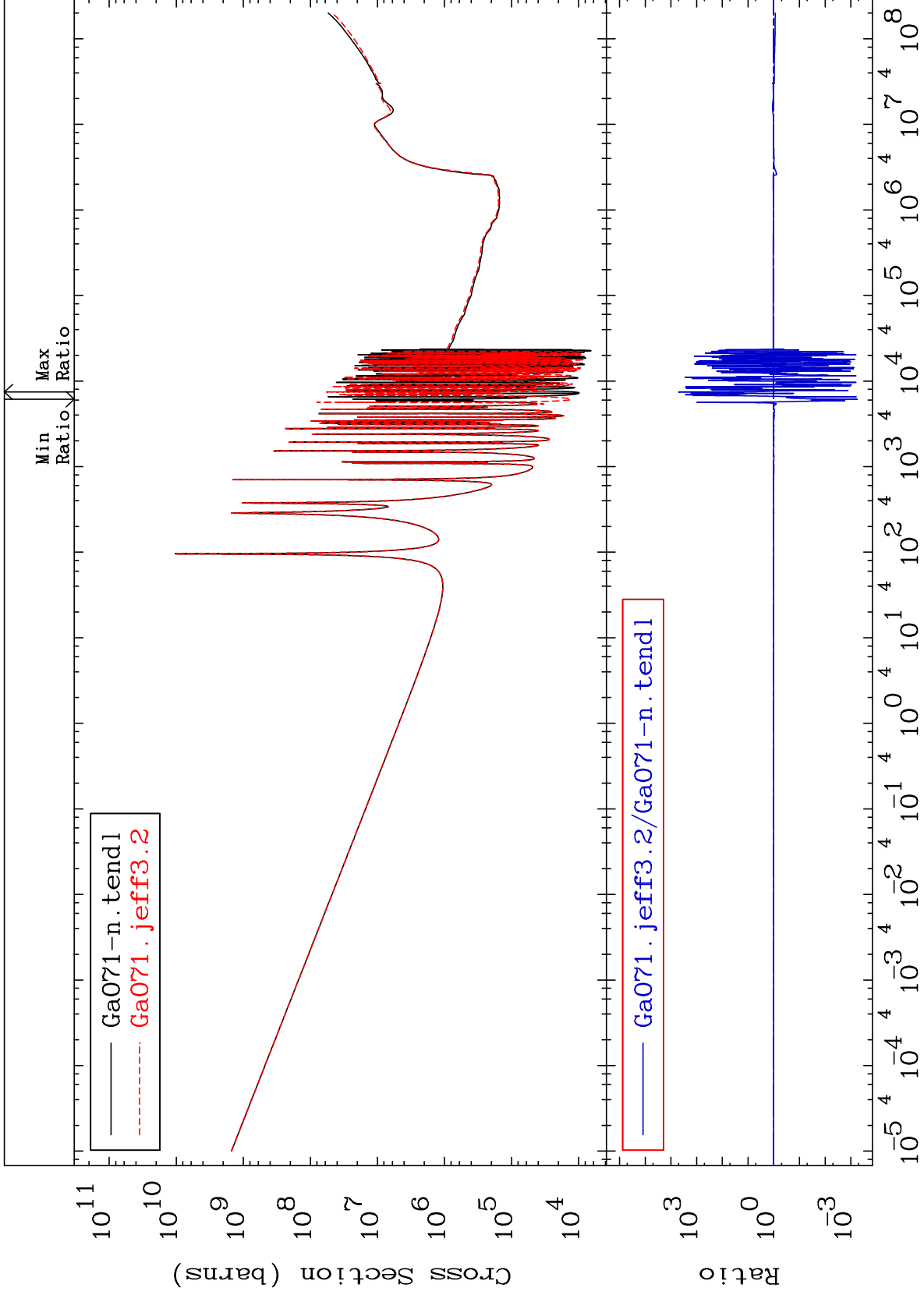


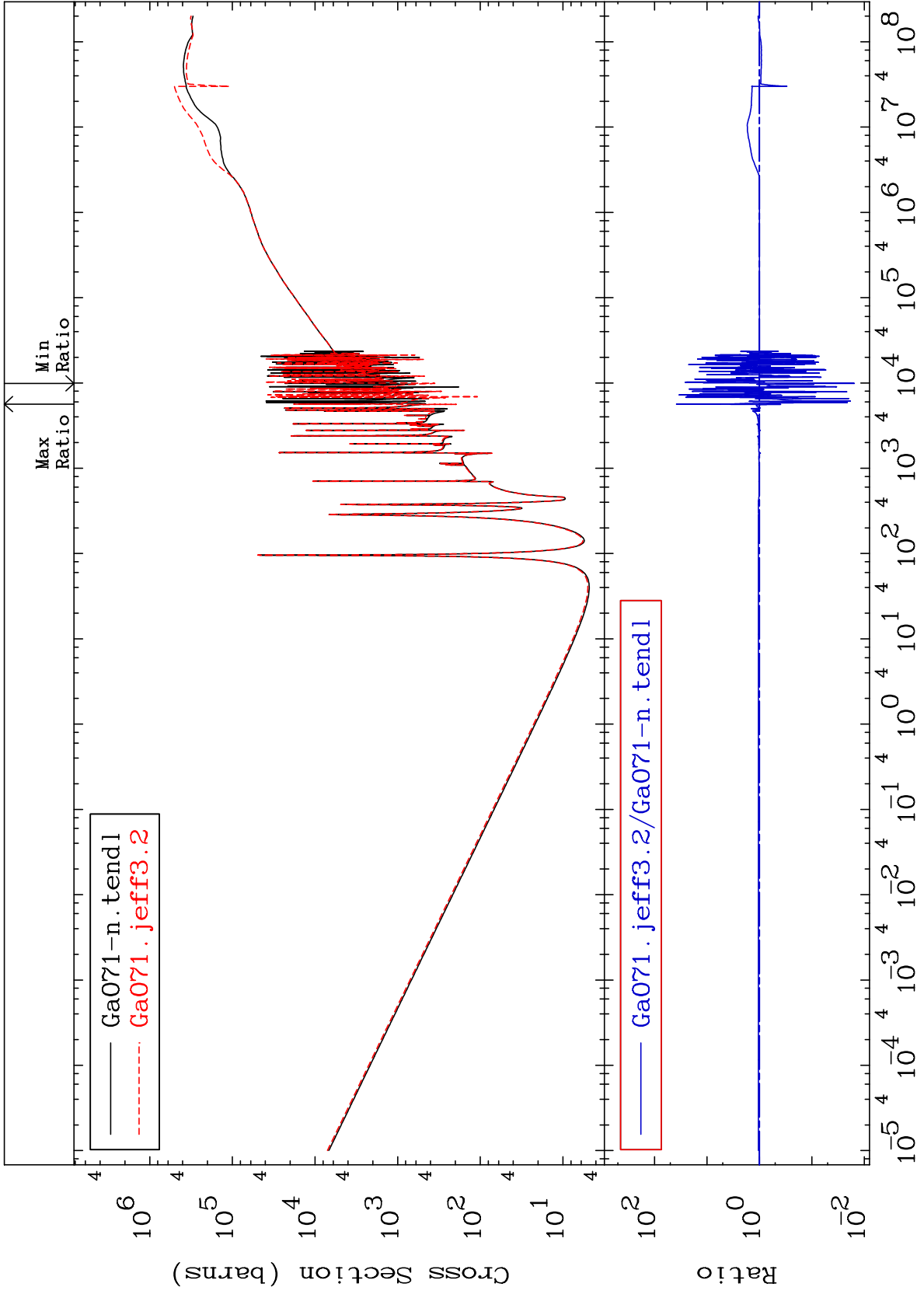
73

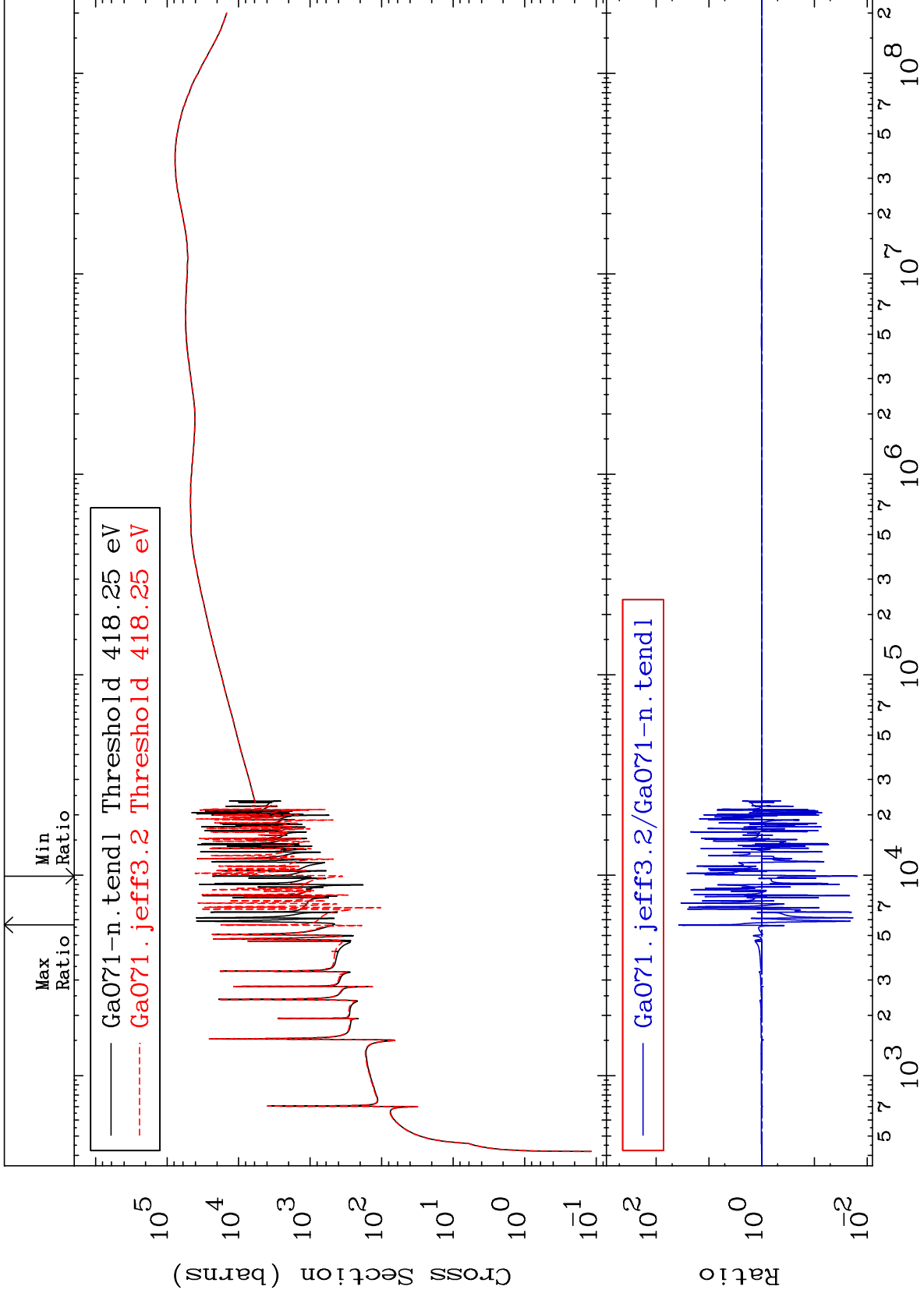
Incident Energy (eV)

31-Ga-71





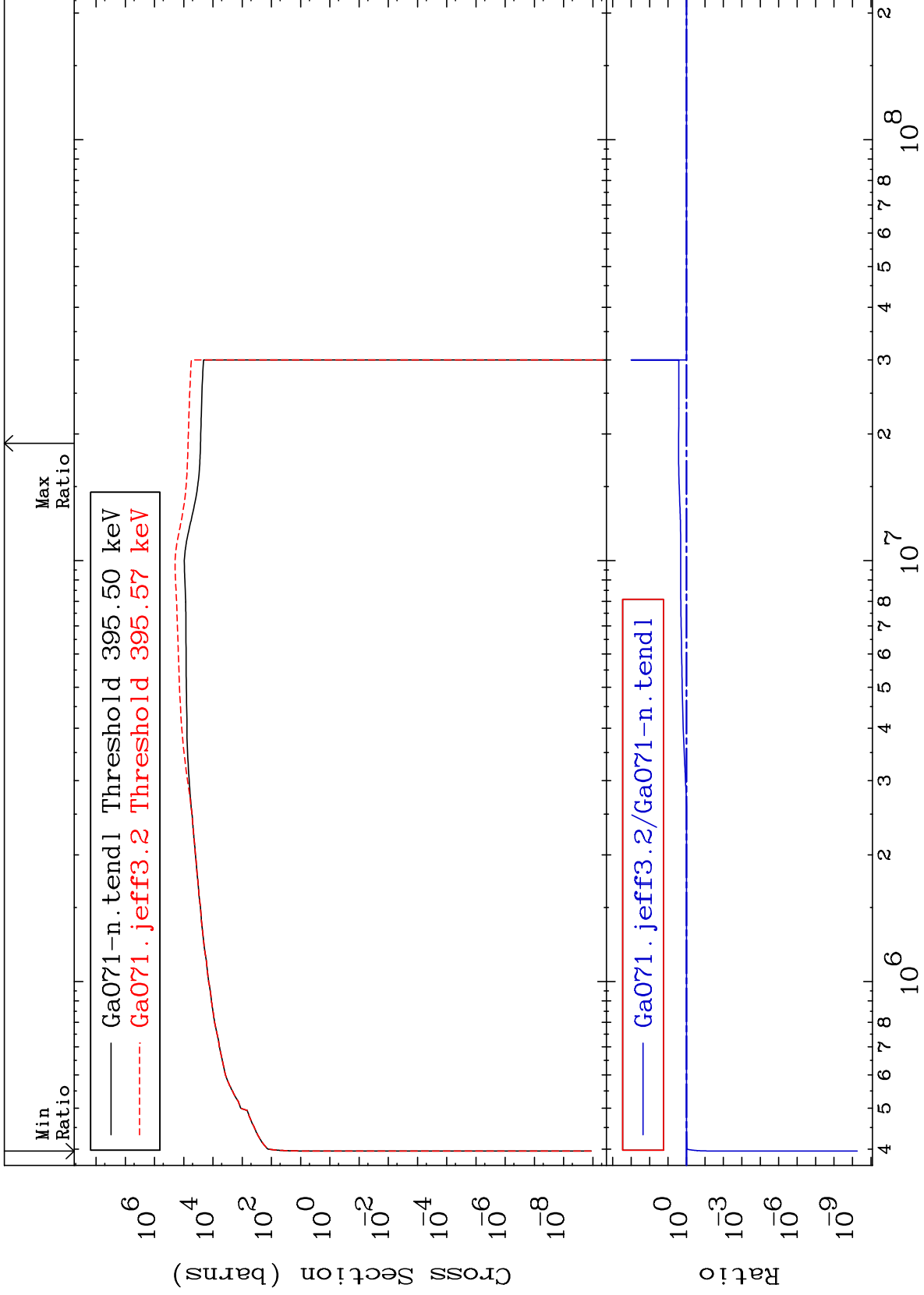


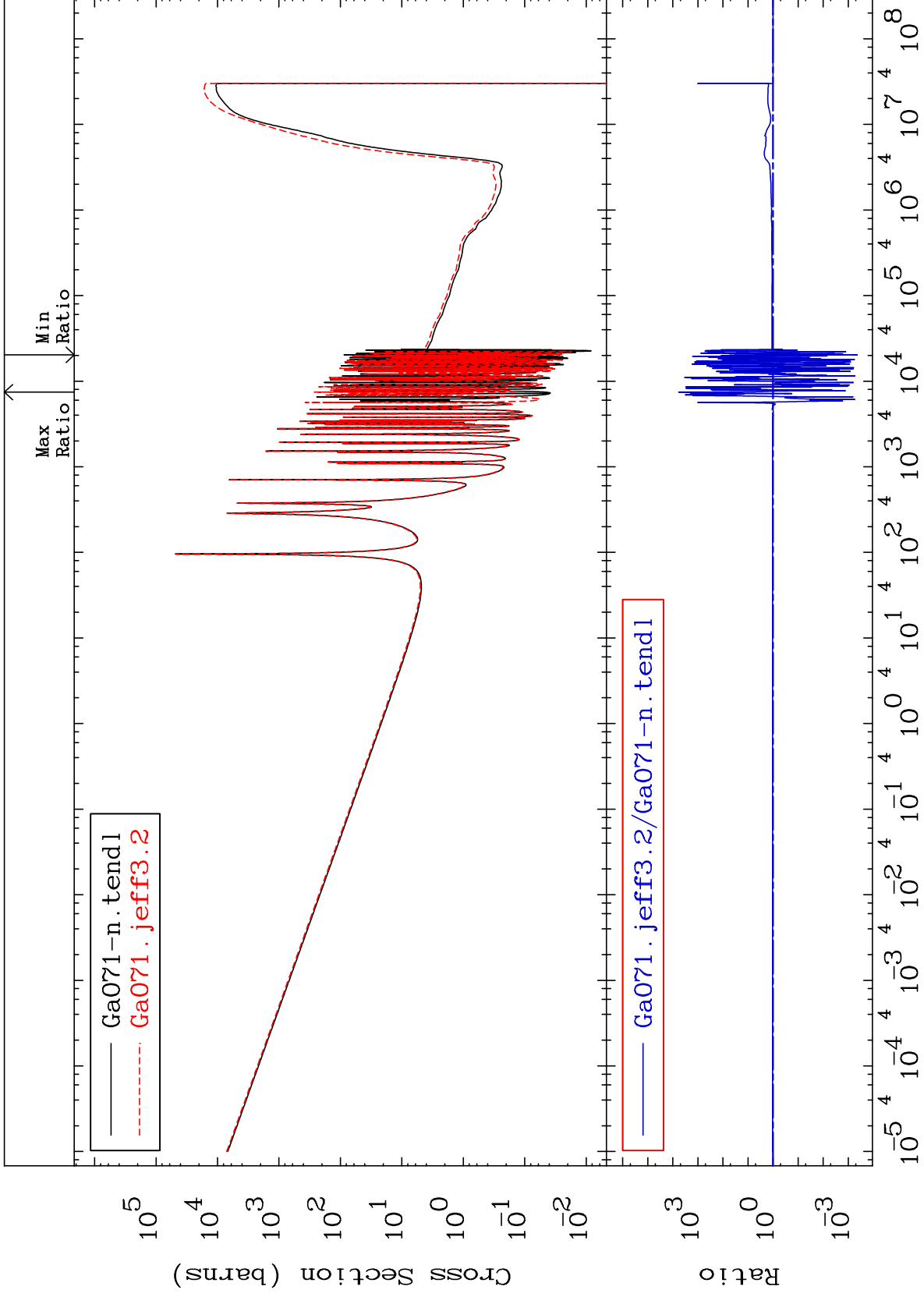


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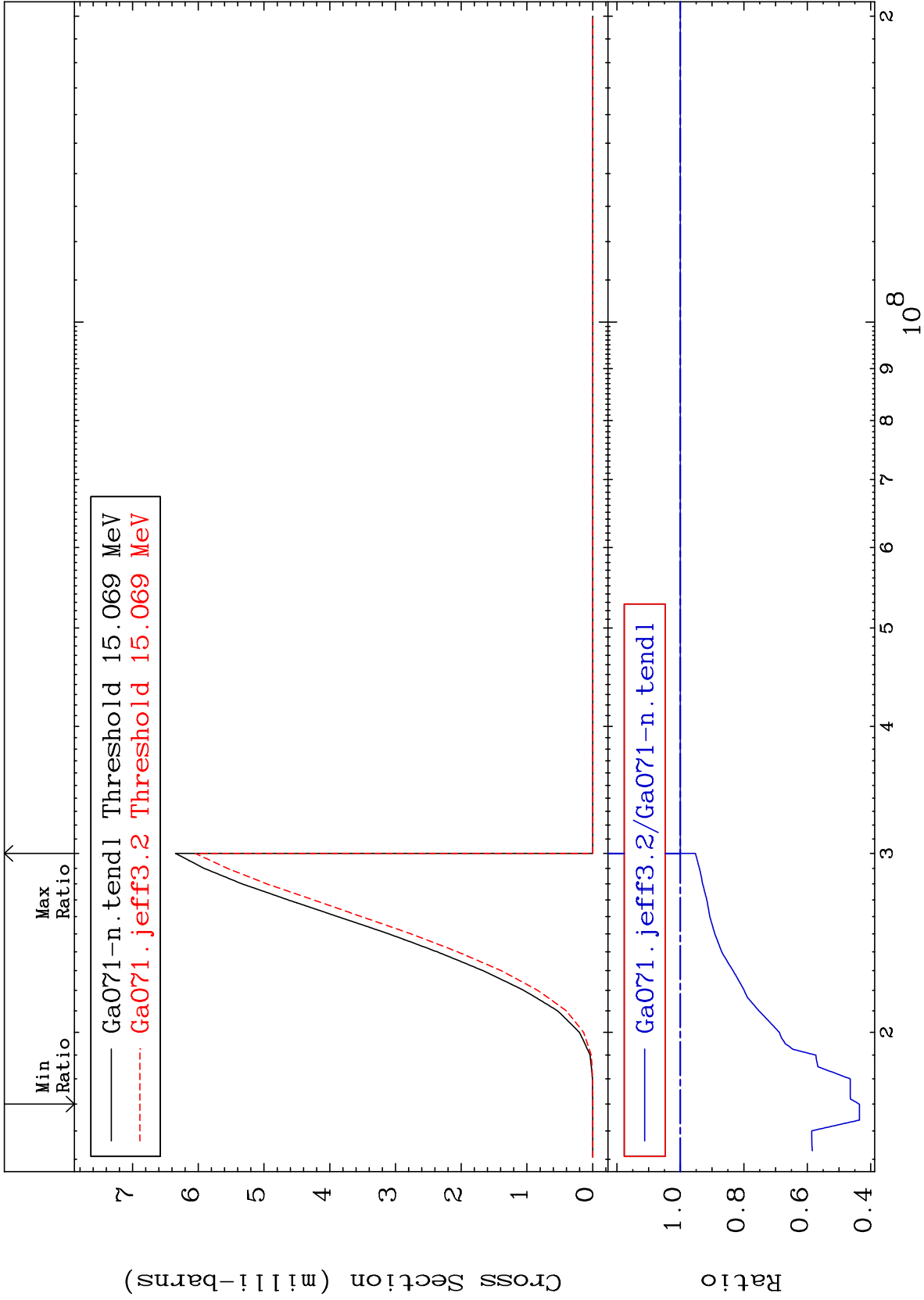
Dpa inelastic (mt51-91)
Cross Section

31-Ga-71
-100.0 To 166.9 %

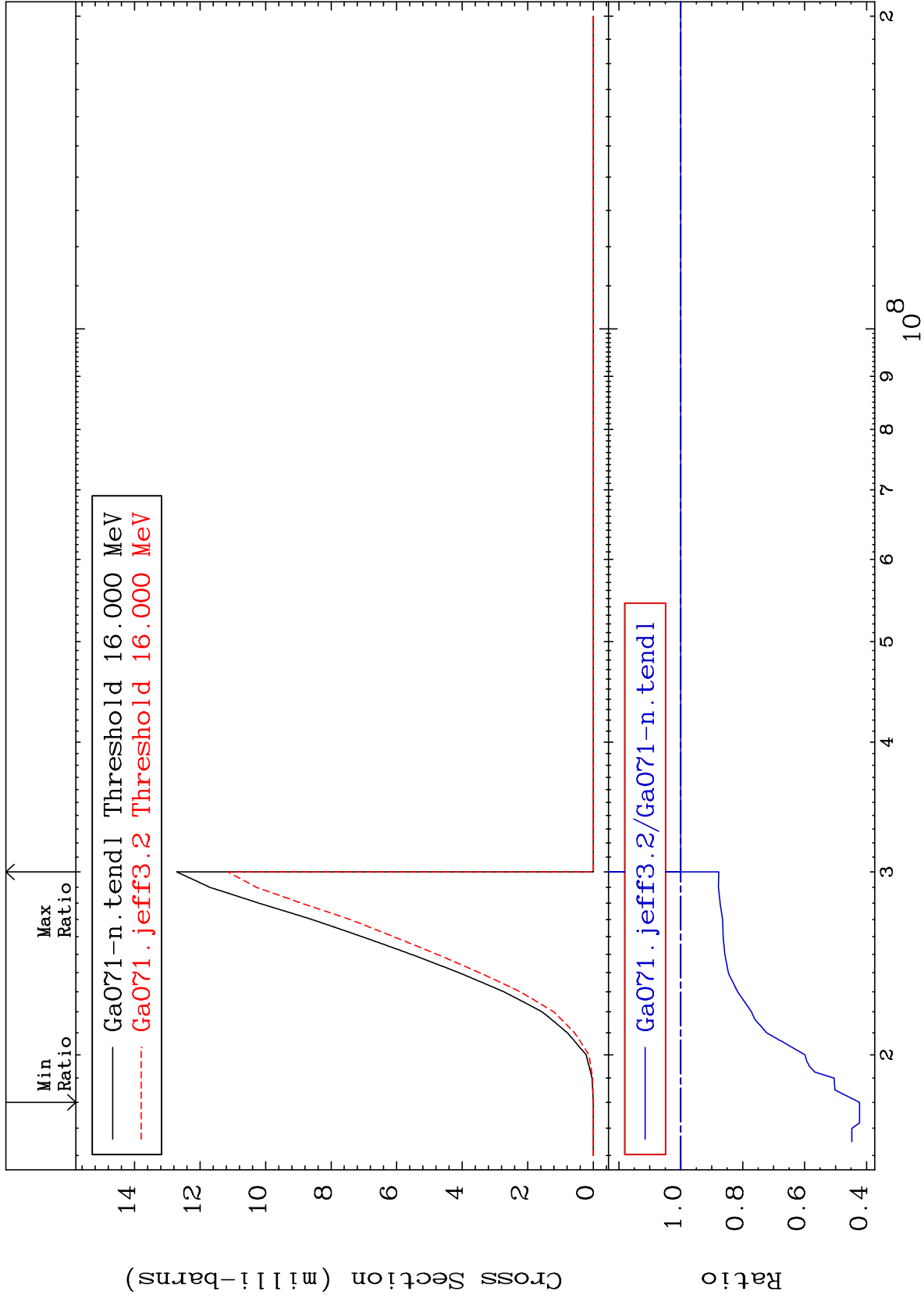


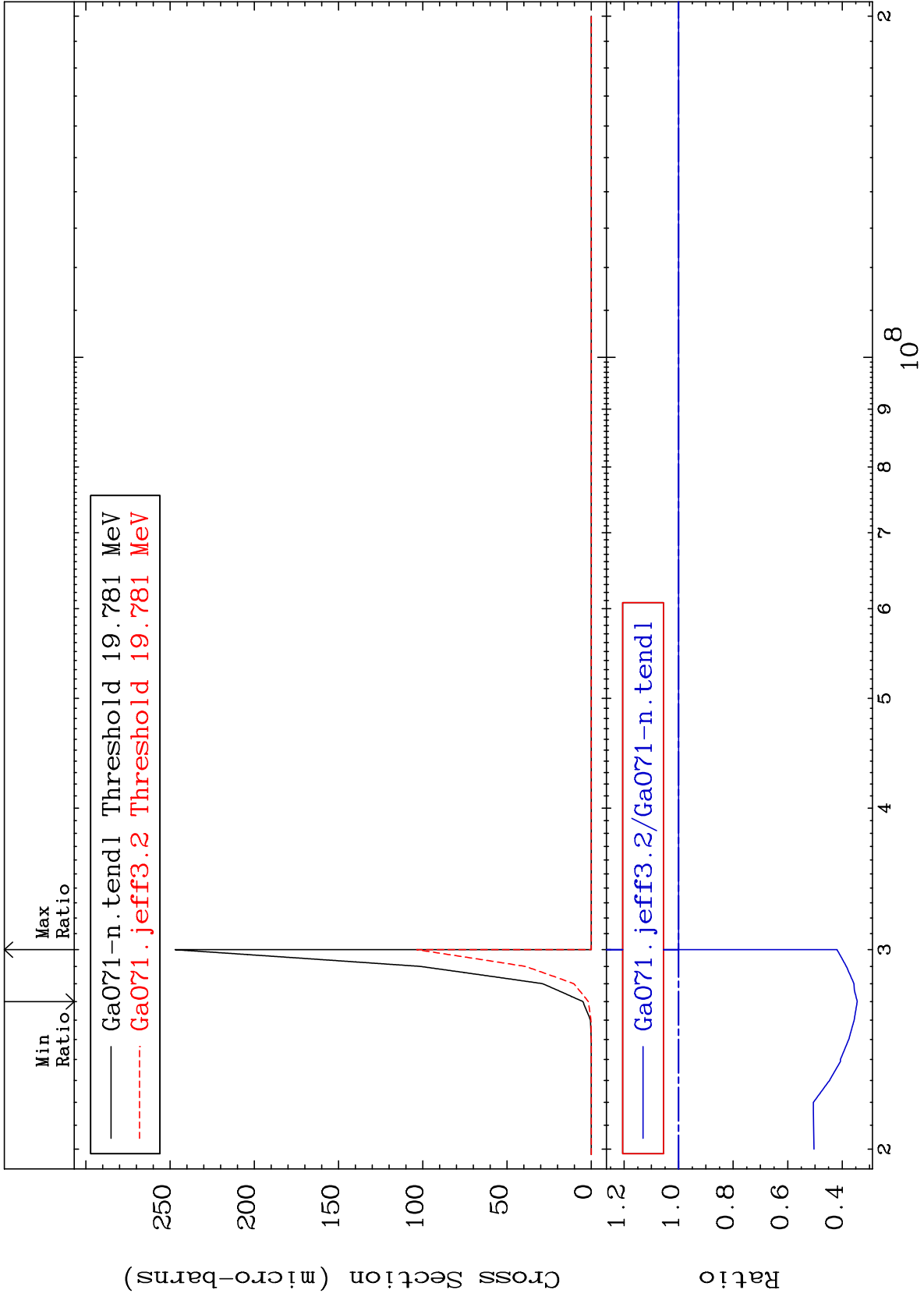


Radionuclide Production Cross Section -56.44 To 0.000 %



Radionuclide Production Cross Section -57.73 To 0.000 %



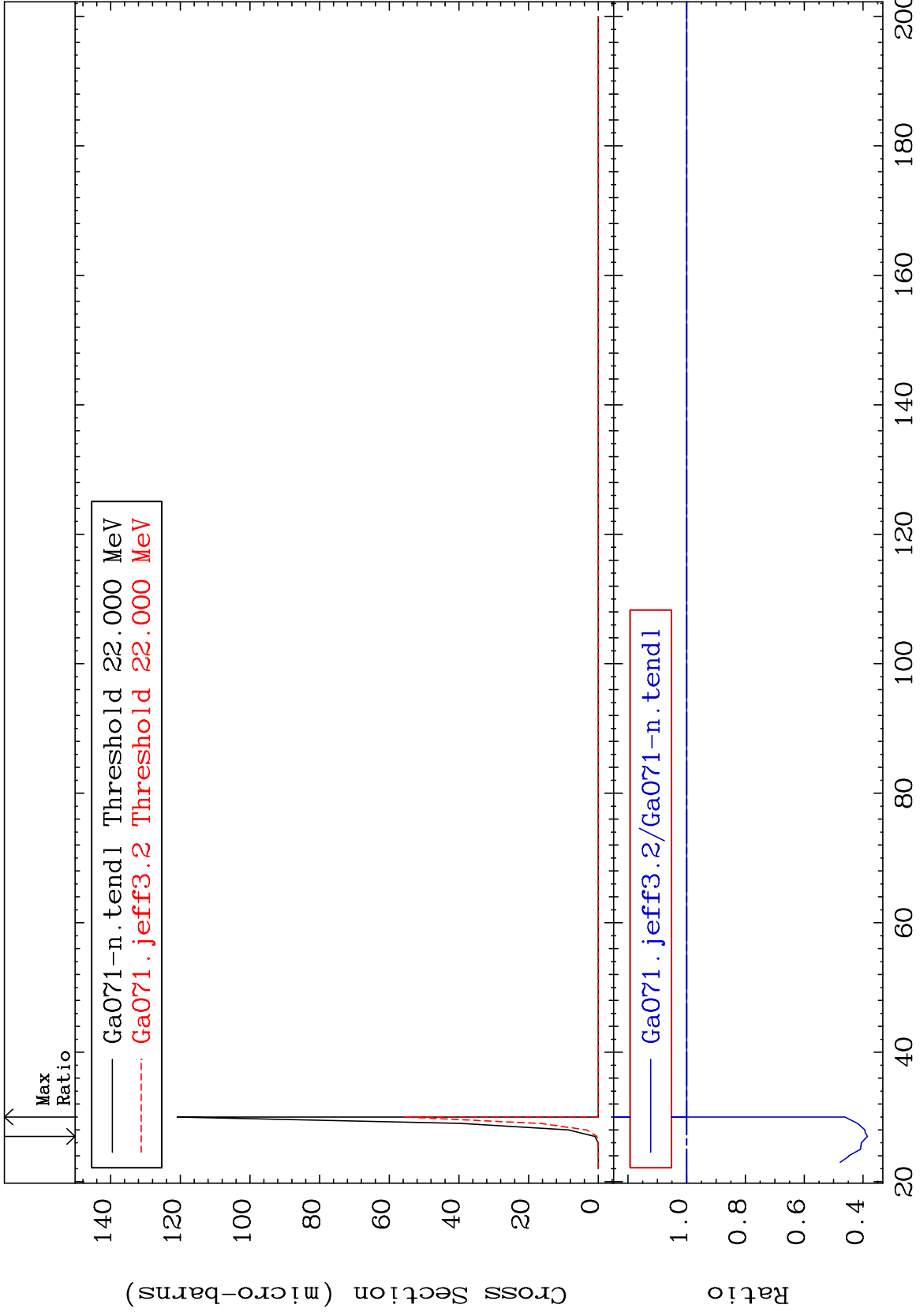


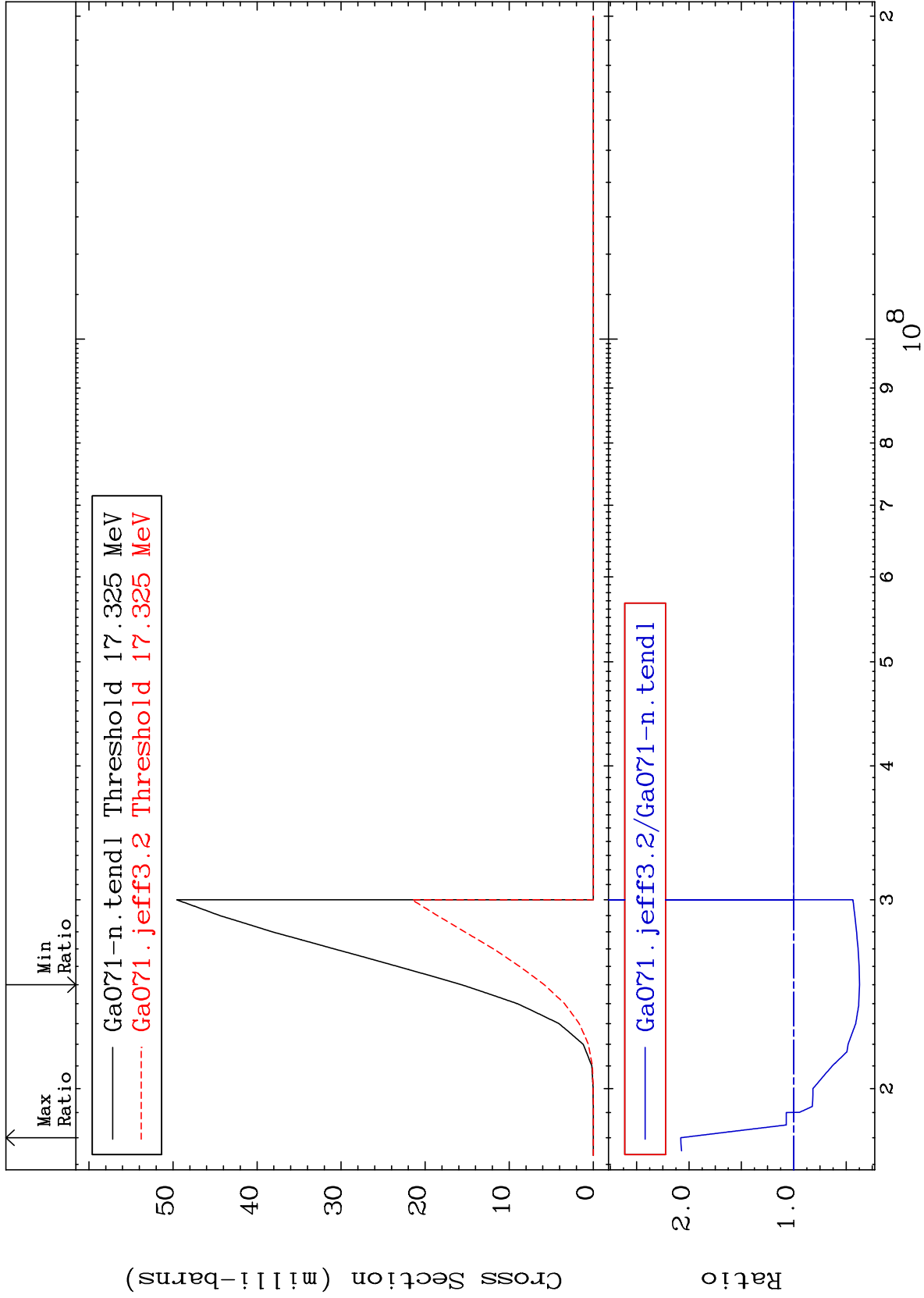
MAT 3131

31-Ga-71

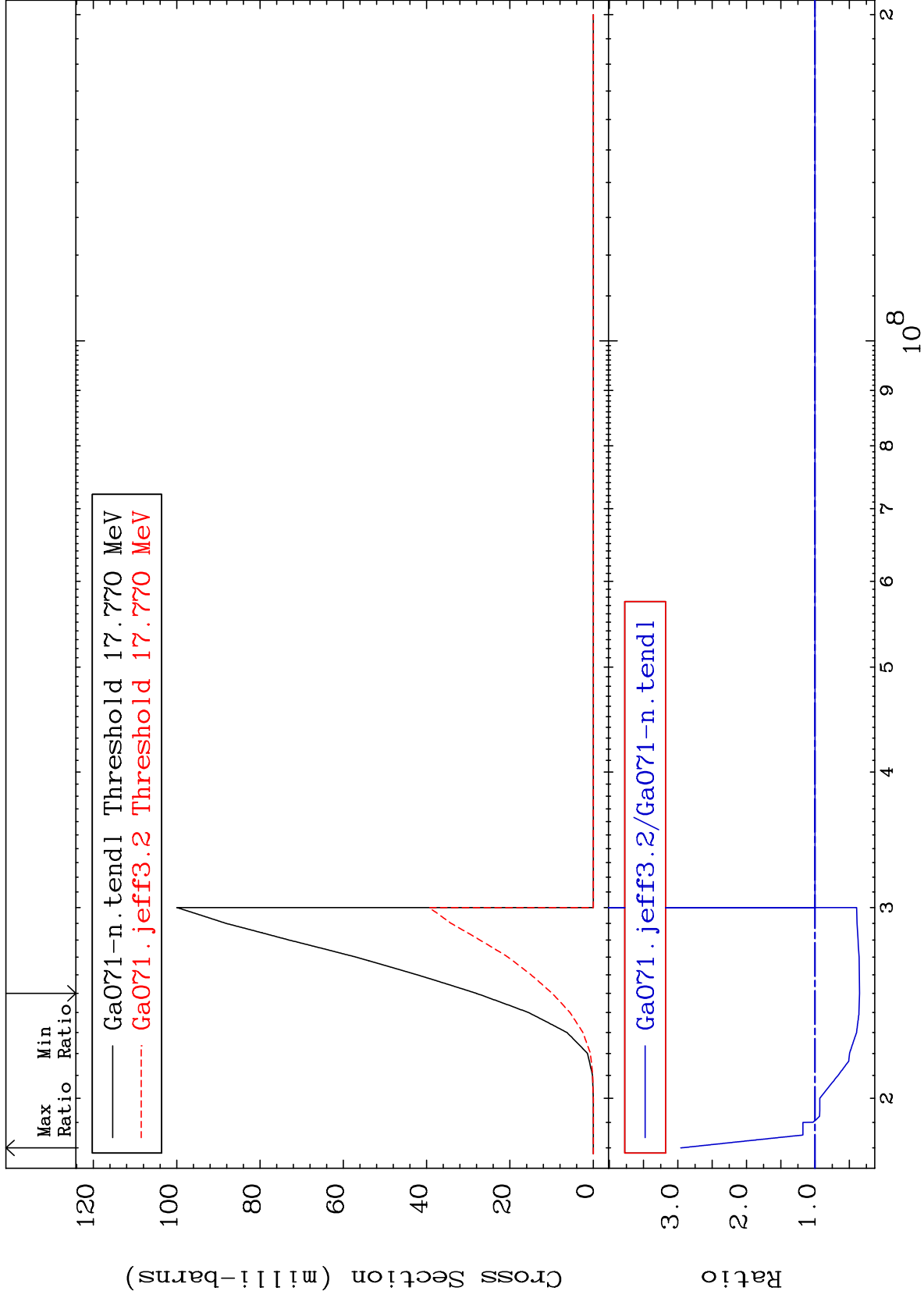
(n, n') He-3:29-Cu-68m3

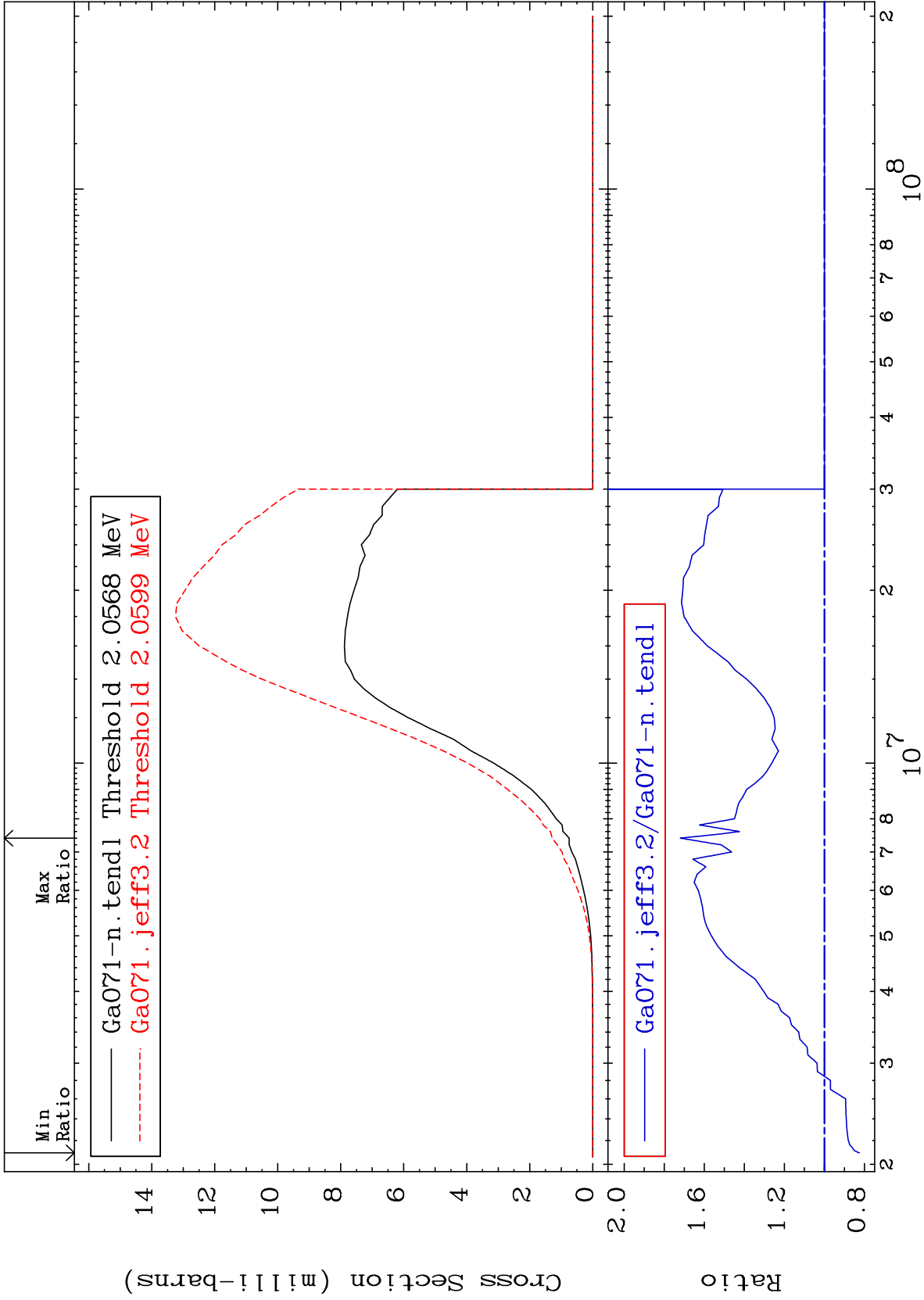
Radionuclide Production Cross Section -61.51 To 0.000 %



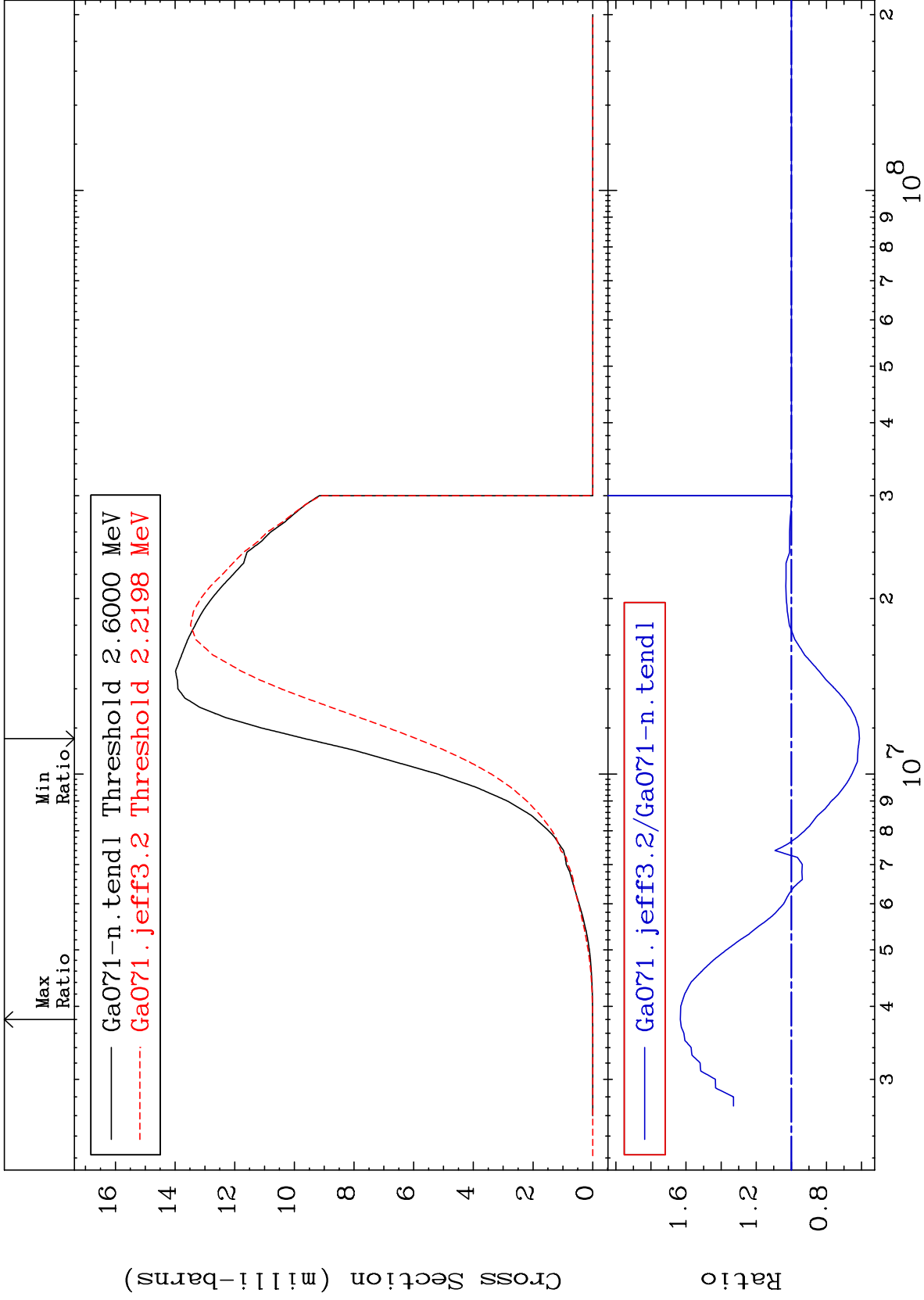


Radionuclide Production Cross Section -64.84 To 195.7 %





Radionuclide Production Cross Section -38.79 To 63.24 %

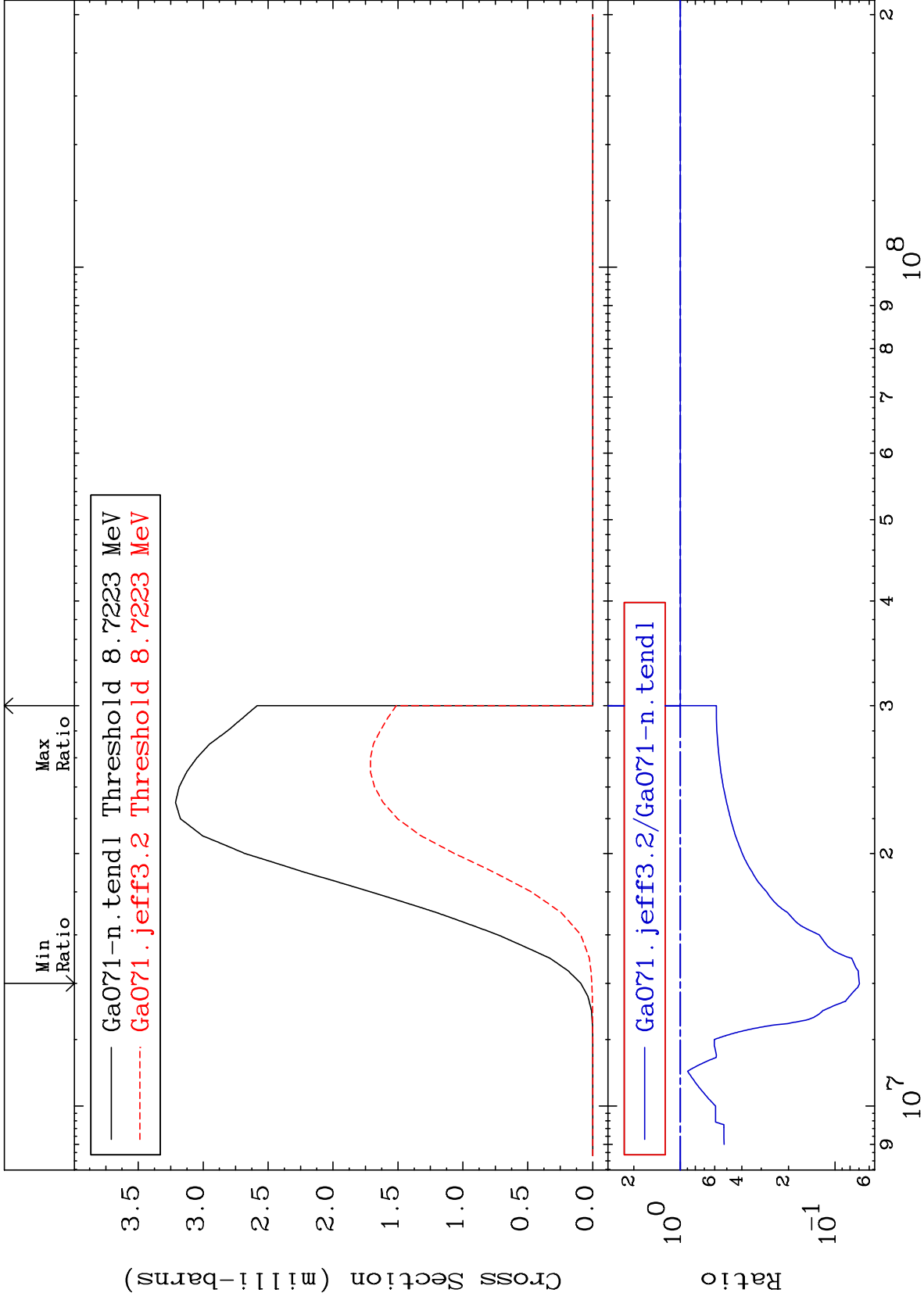


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(n, t):30-Zn-69g

31-Ga-71

Radionuclide Production Cross Section -93.05 To 0.000 %

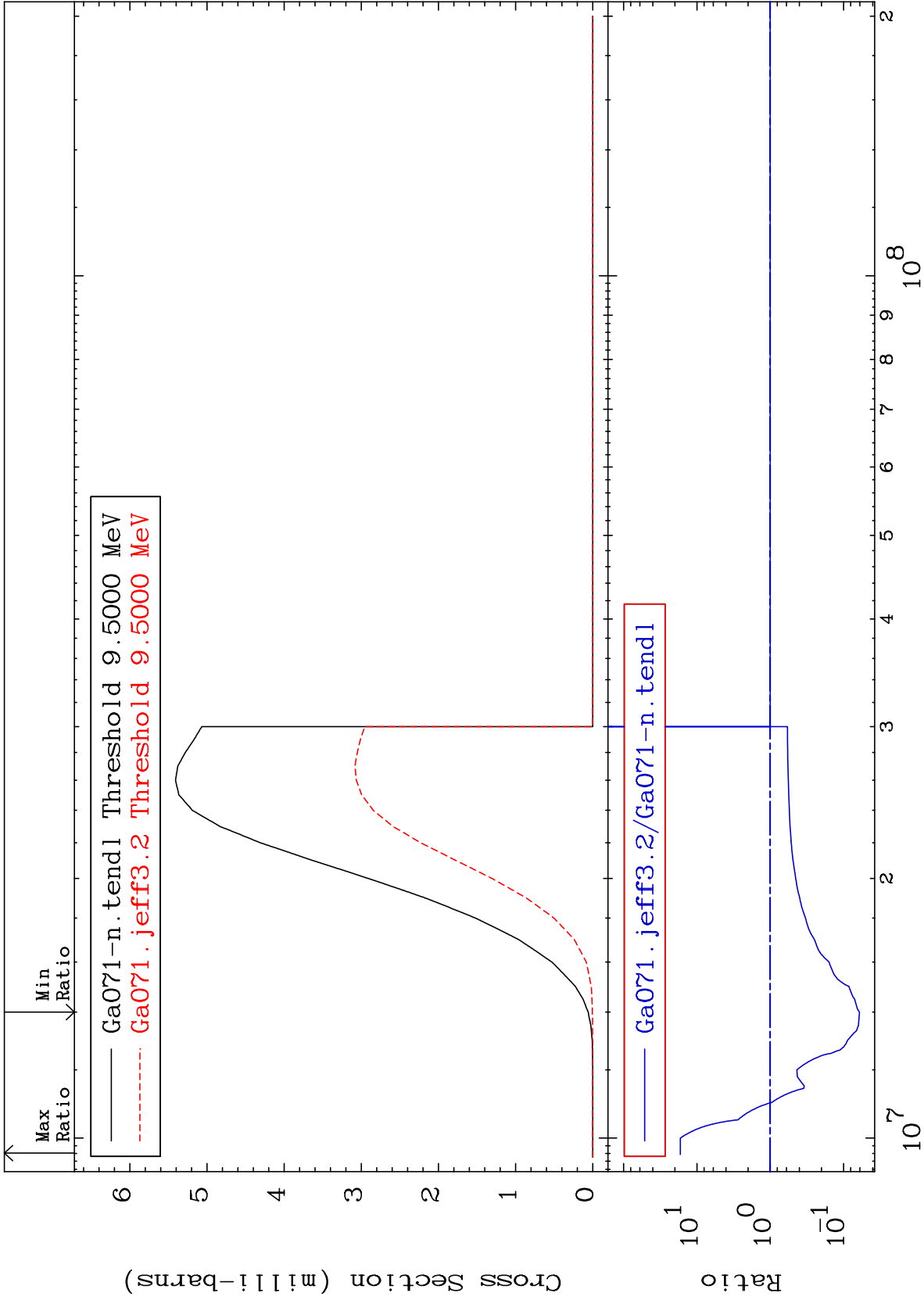


88

Incident Energy (eV)

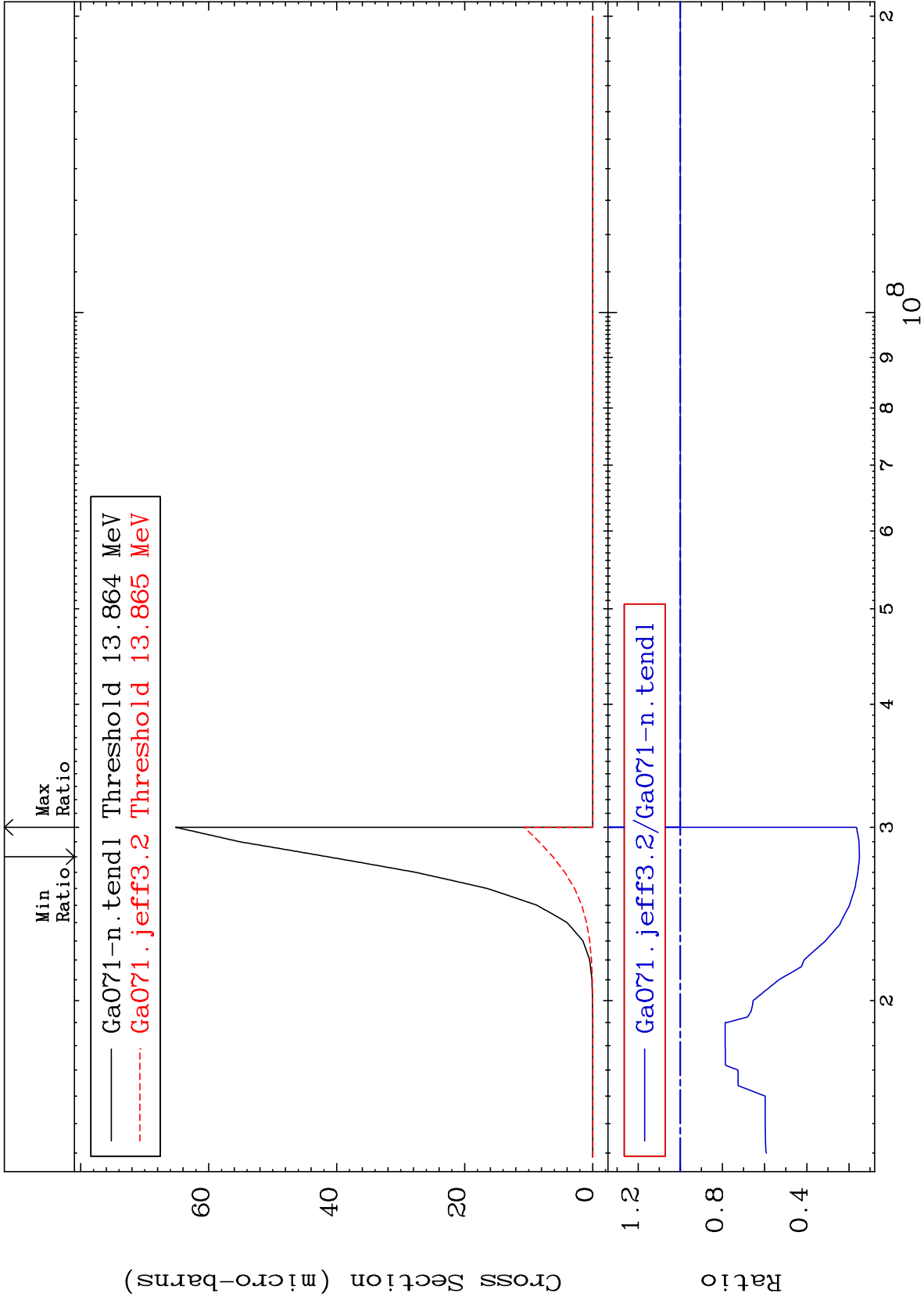
31-Ga-71

Radionuclide Production Cross Section -93.93 To 1581. %



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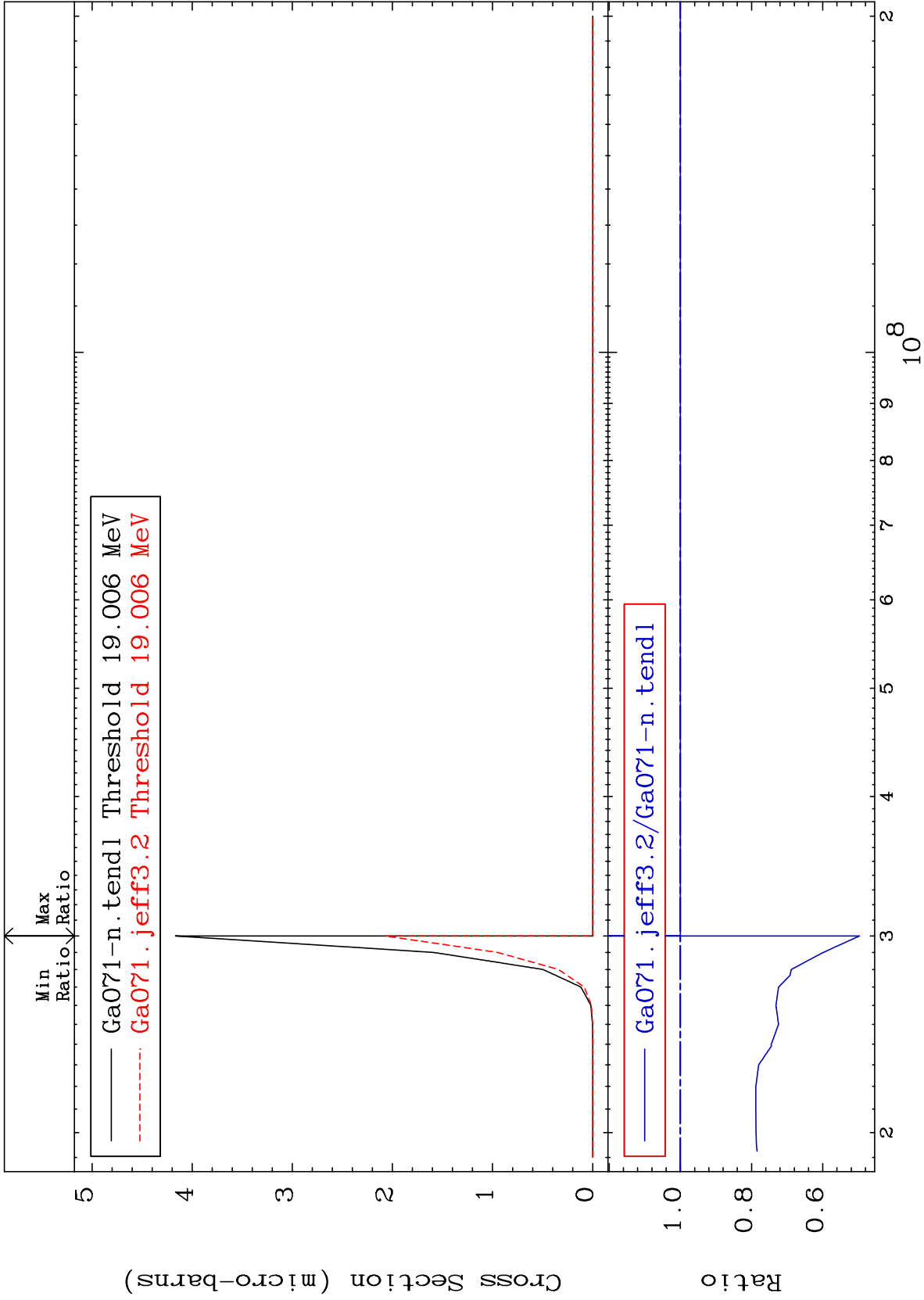
(n,2p):29-Cu-70g 31-Ga-71
Radionuclide Production Cross Section -84.97 To 0.000 %



90

Incident Energy (eV)

31-Ga-71



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(n, p) t:29-Cu-68m3

31-Ga-71

Radionuclide Production Cross Section -43.41 To 70.96 %

