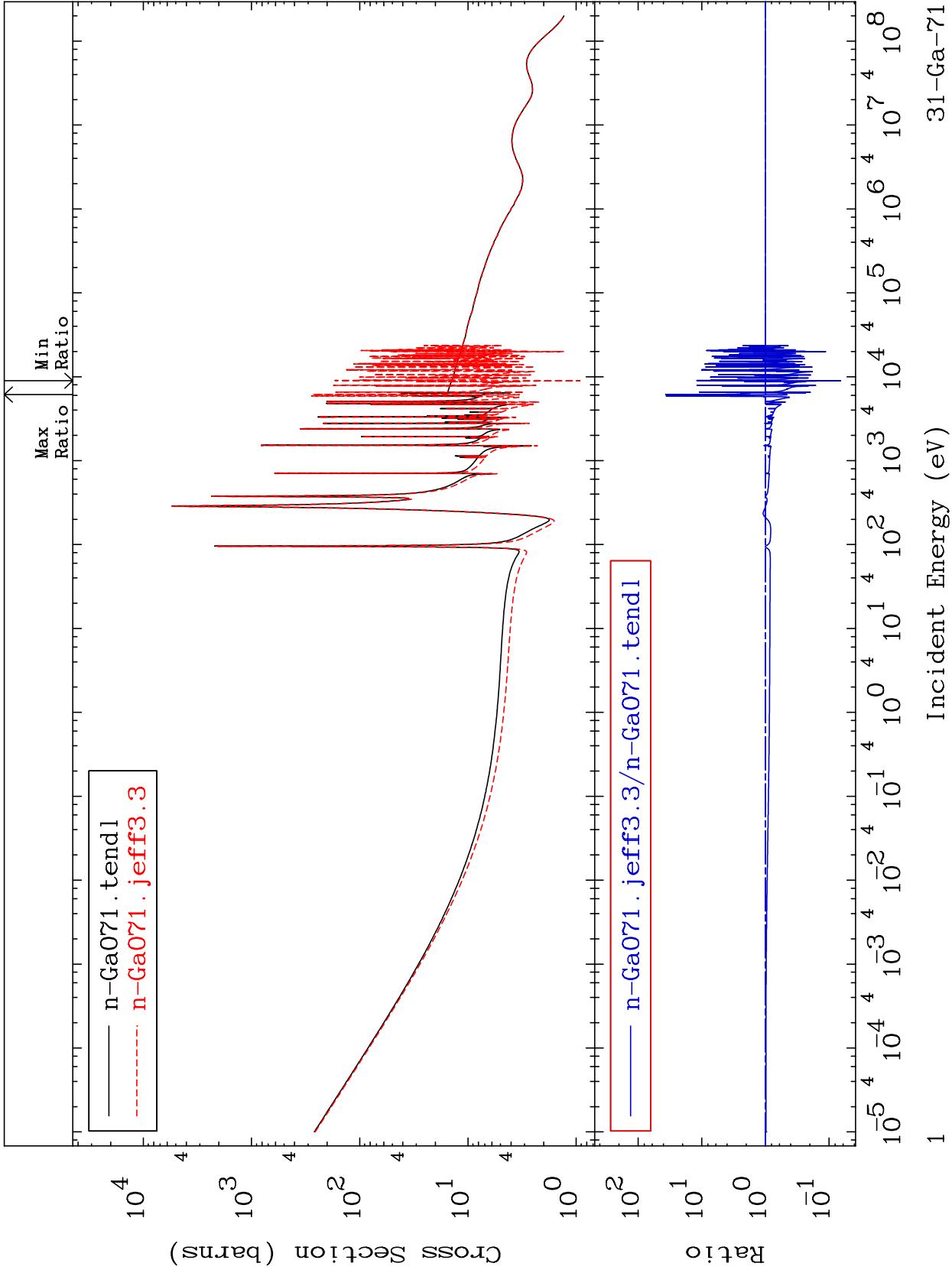


MAT 3131

Total
Cross Section

31-Ga-71
-93.45 To 3618. %



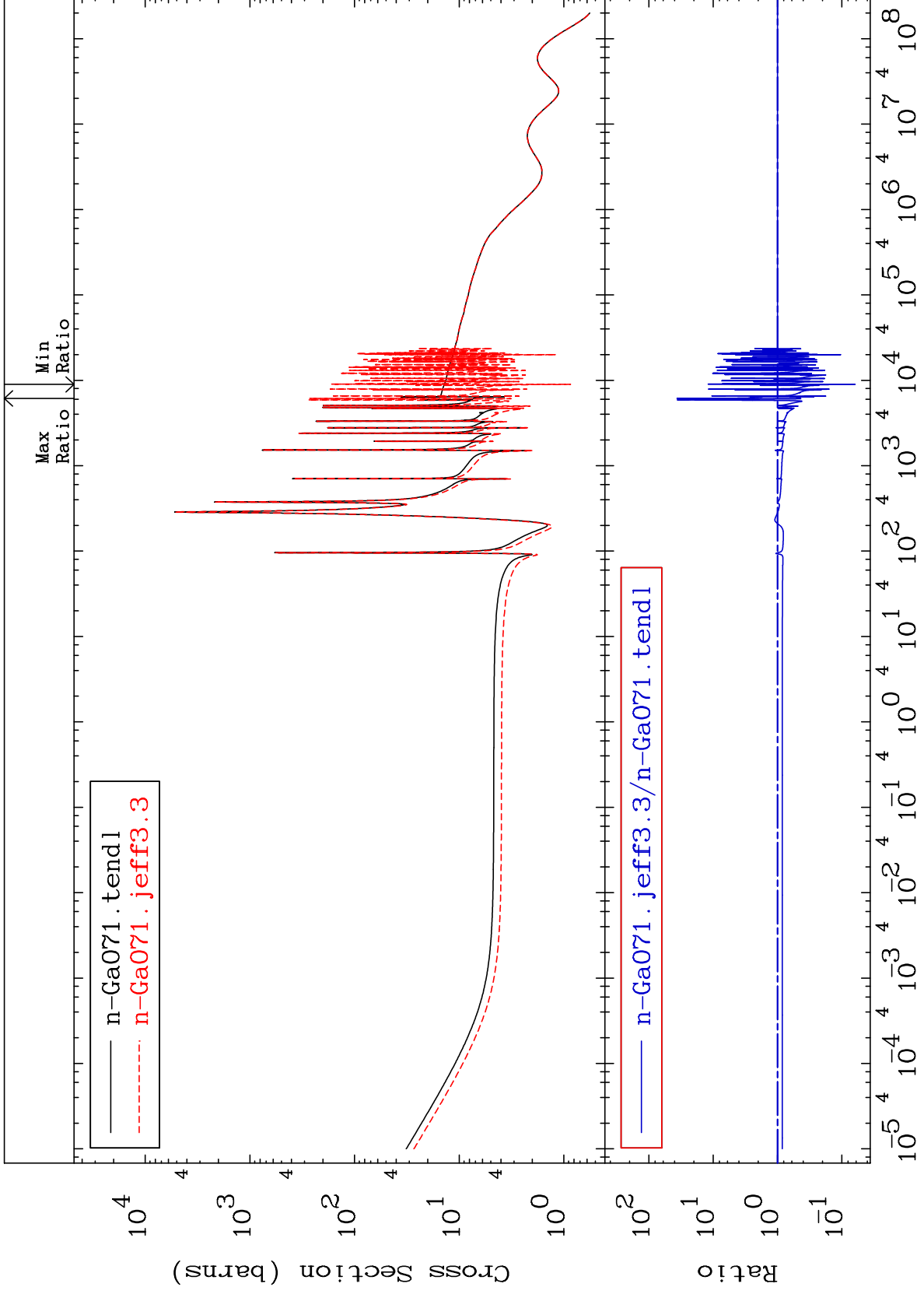
31-Ga-71

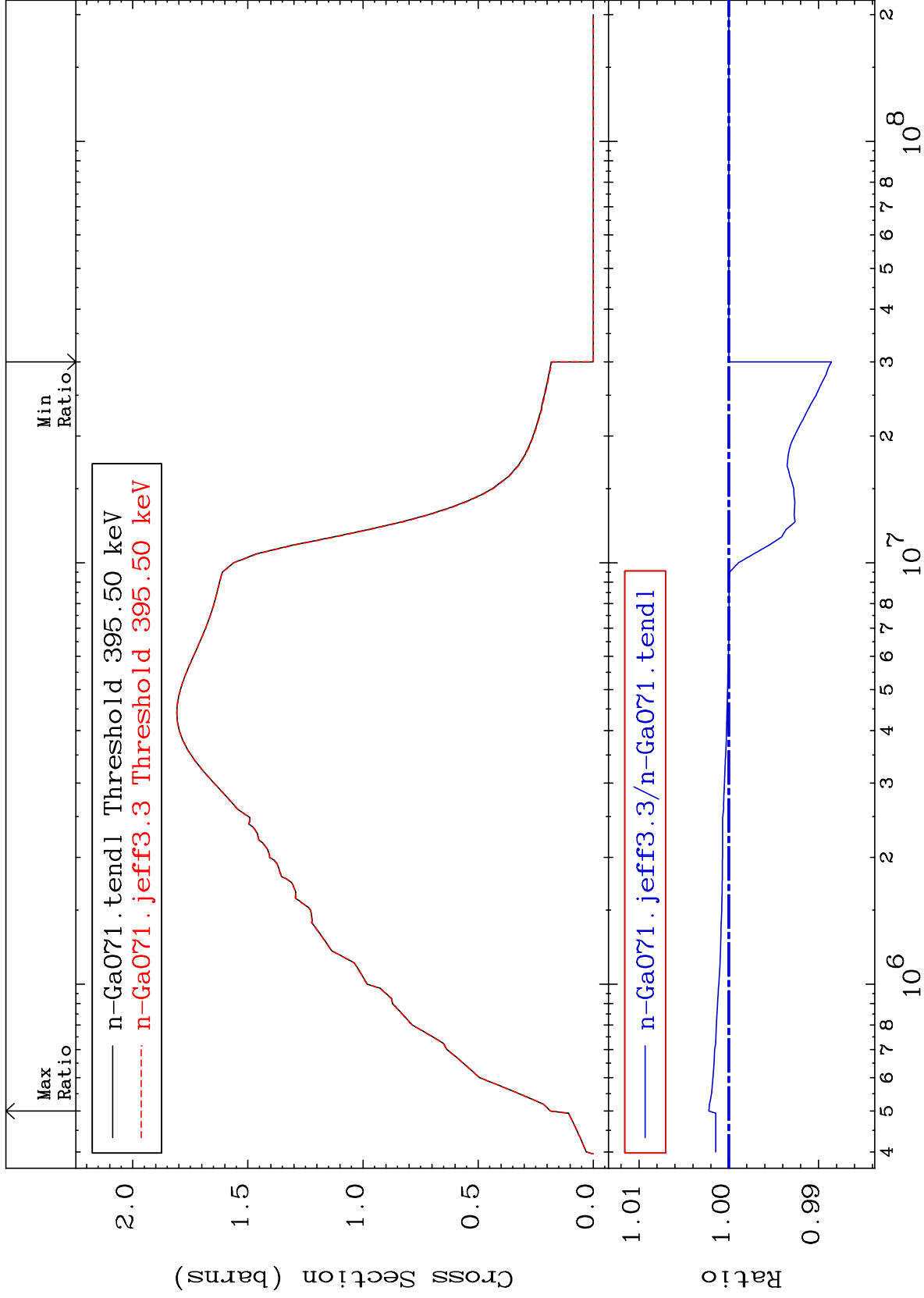
Incident Energy (eV)

MAT 3131

Elastic
Cross Section

31-Ga-71
-93.78 To 3572. %





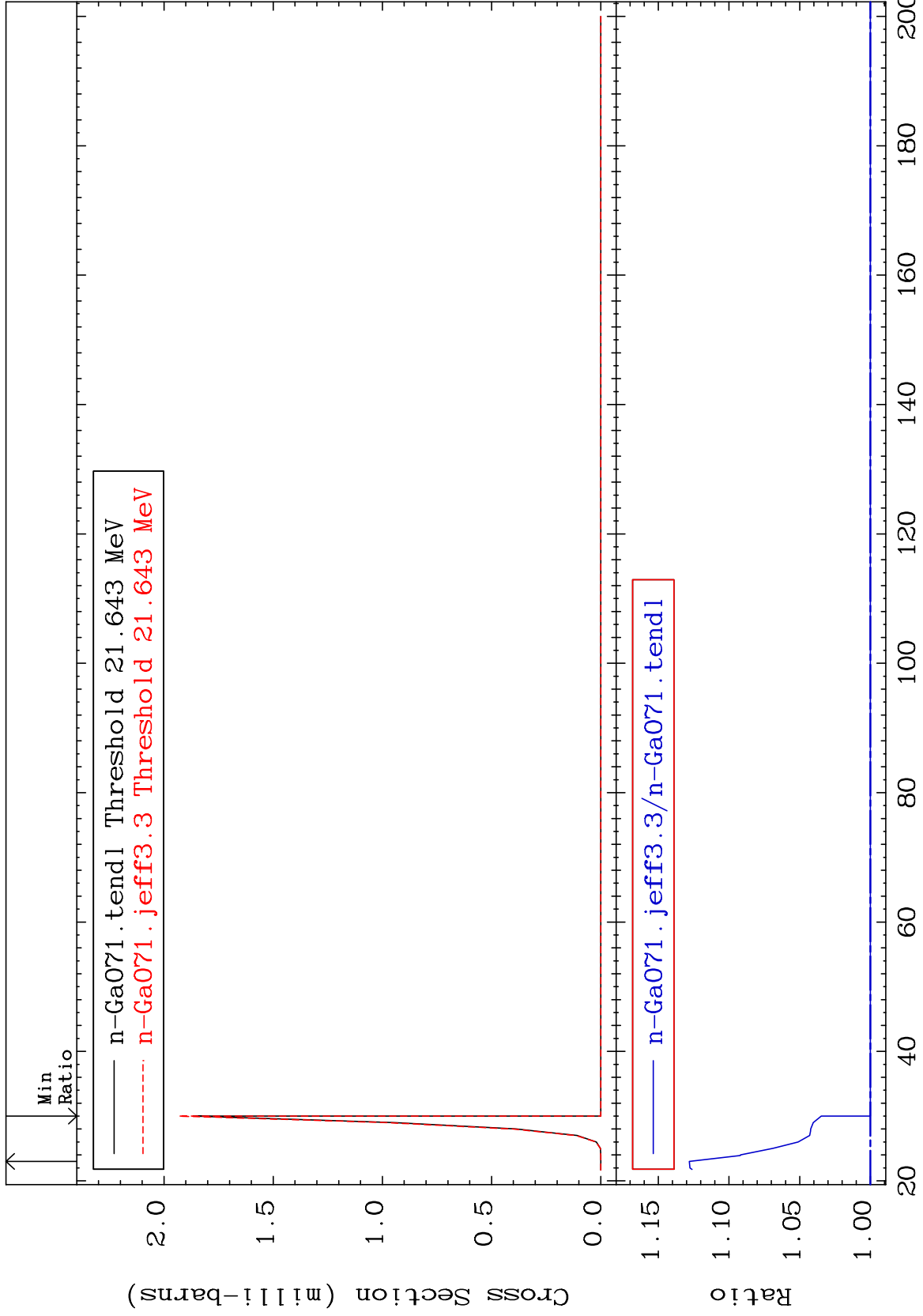
MAT 3131

(n,2n) d

³¹Ga-71

Cross Section

0.000 To 12.80 %



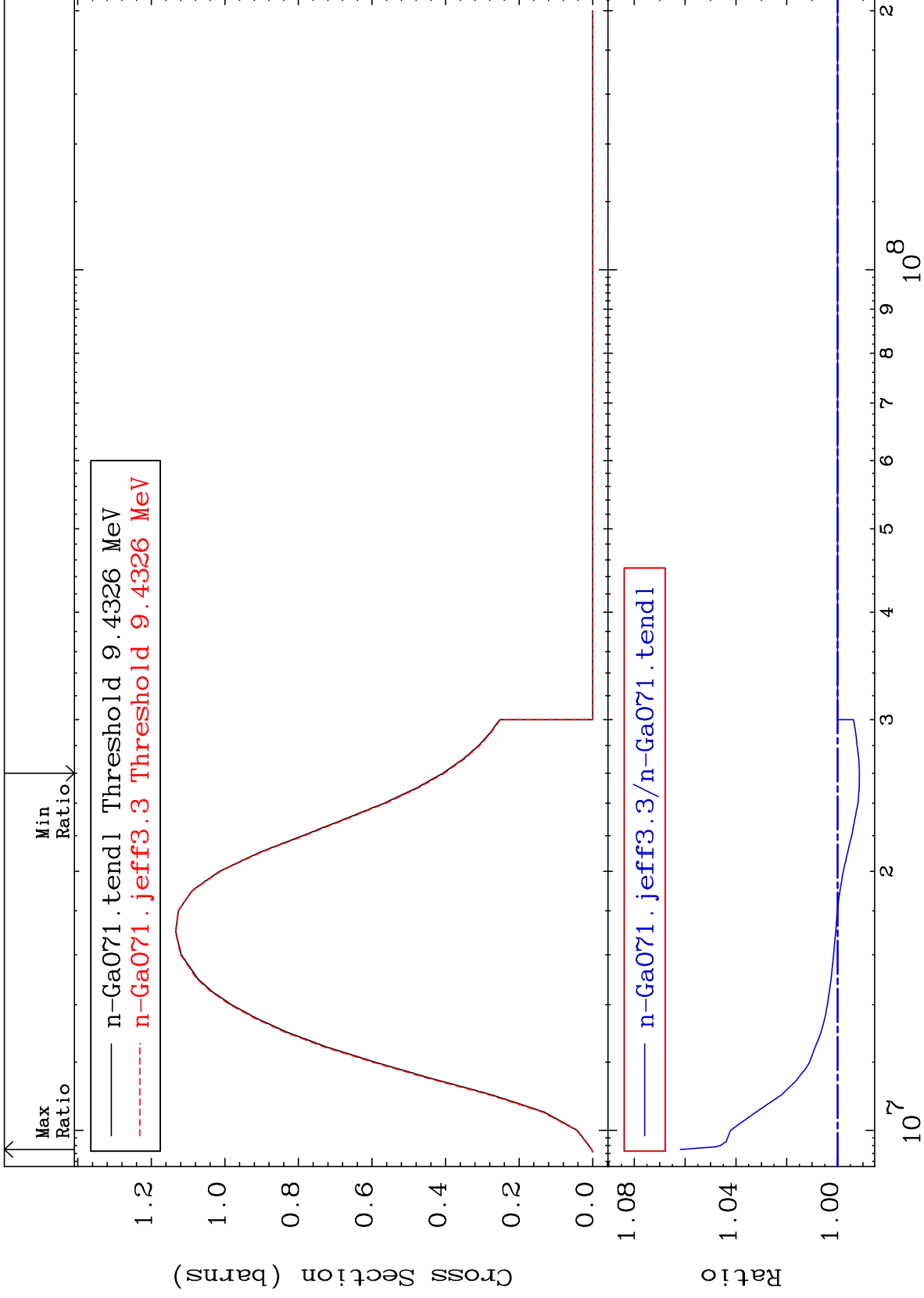
31-Ga-71

Incident Energy (MeV)

MAT 3131

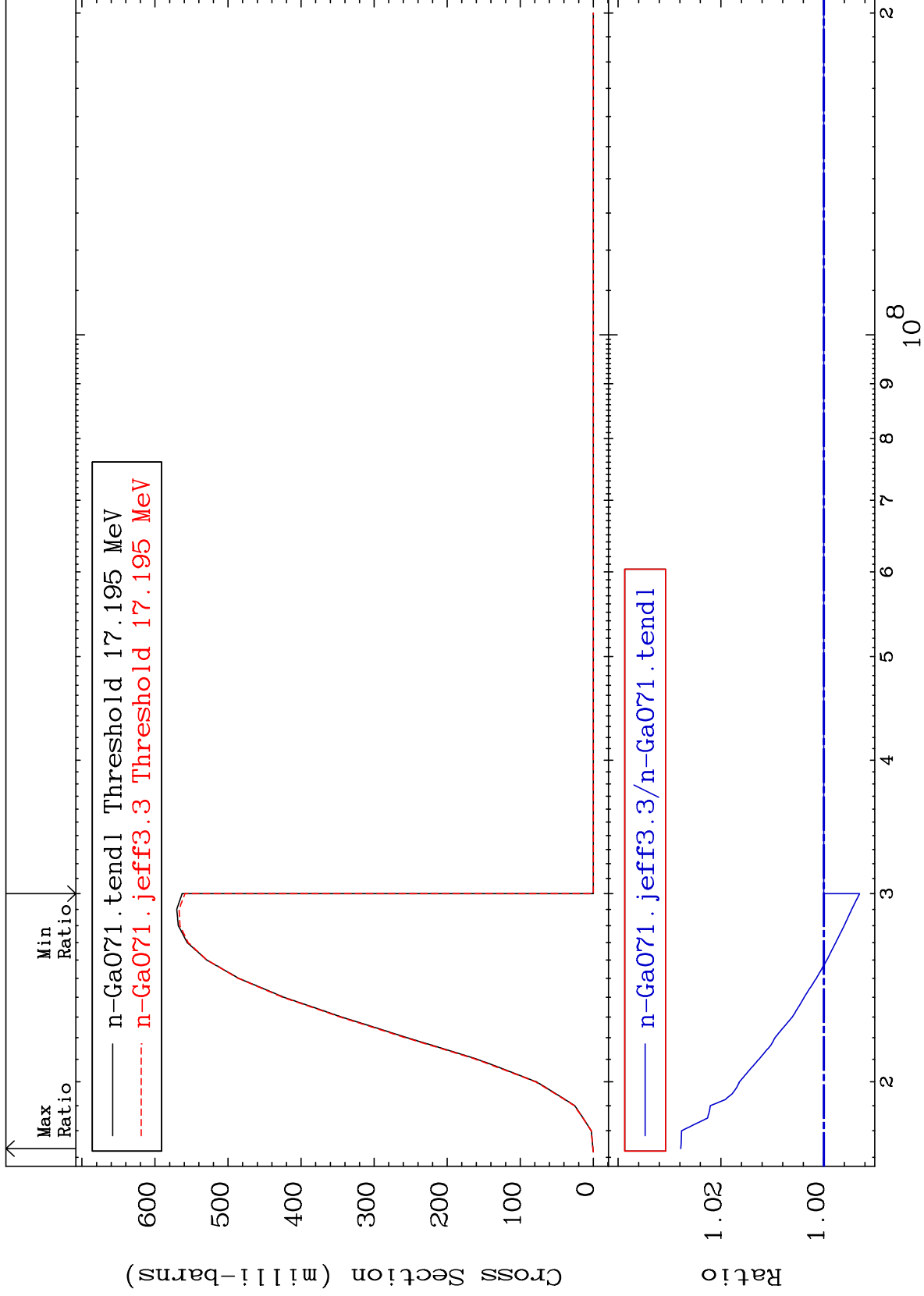
(n,2n)
Cross Section

³¹Ga-71
-0.859 To 6.185 %



Incident Energy (eV)

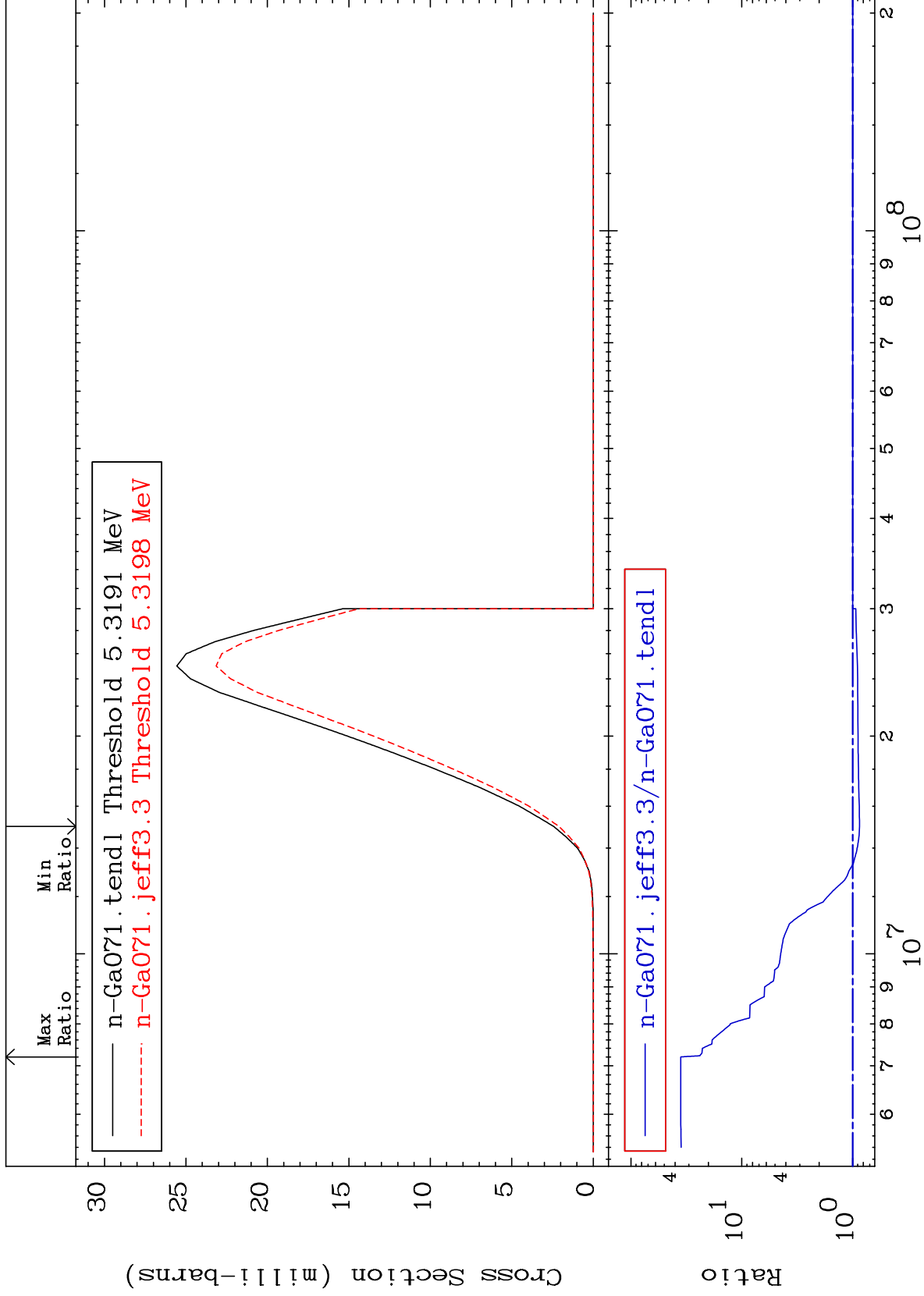
³¹Ga-71



MAT 3131

(n, n') α
Cross Section

³¹Ga-71
-13.39 To 3449. %



7

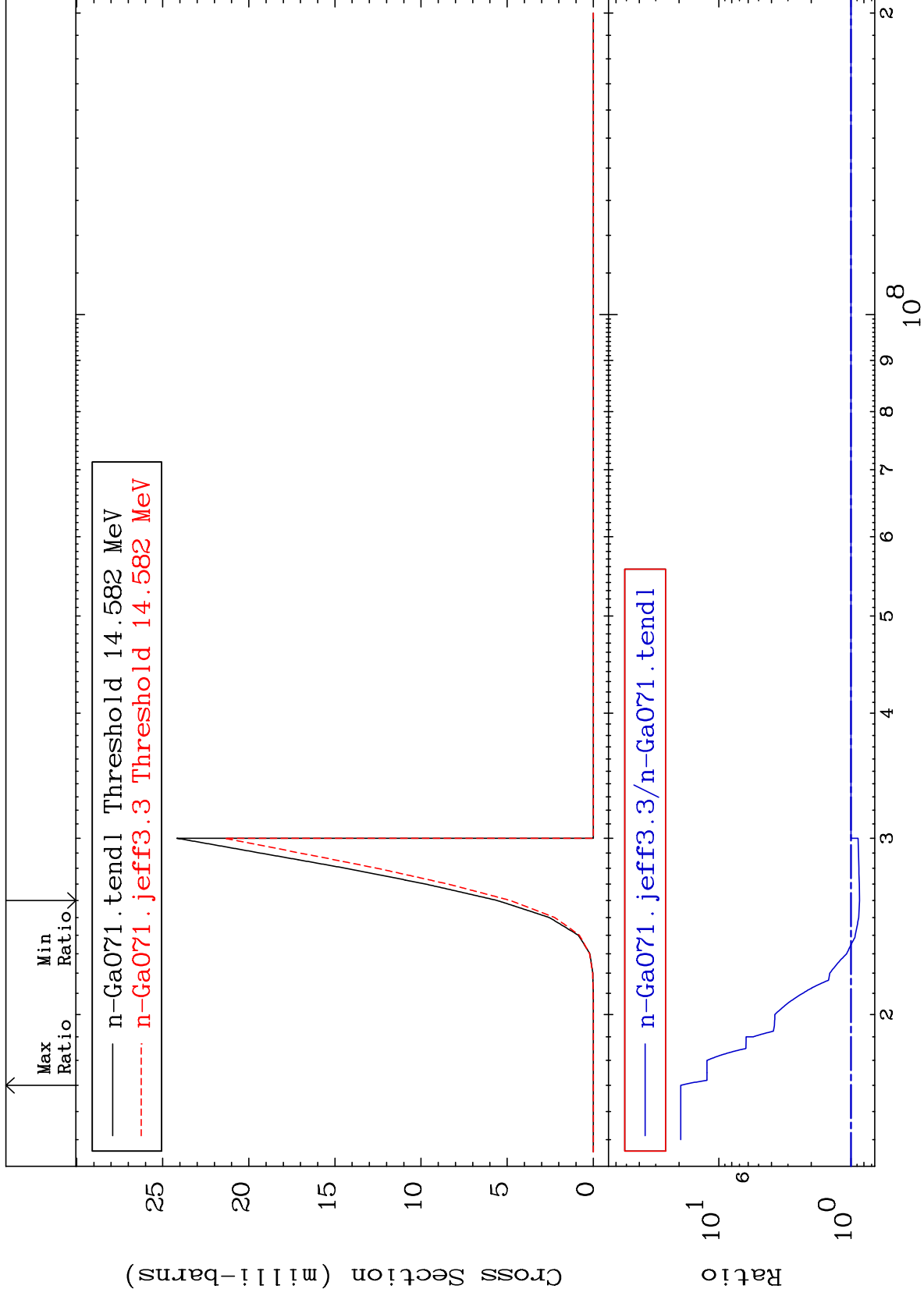
Incident Energy (eV)

³¹Ga-71

MAT 3131

(n,2n) α
Cross Section

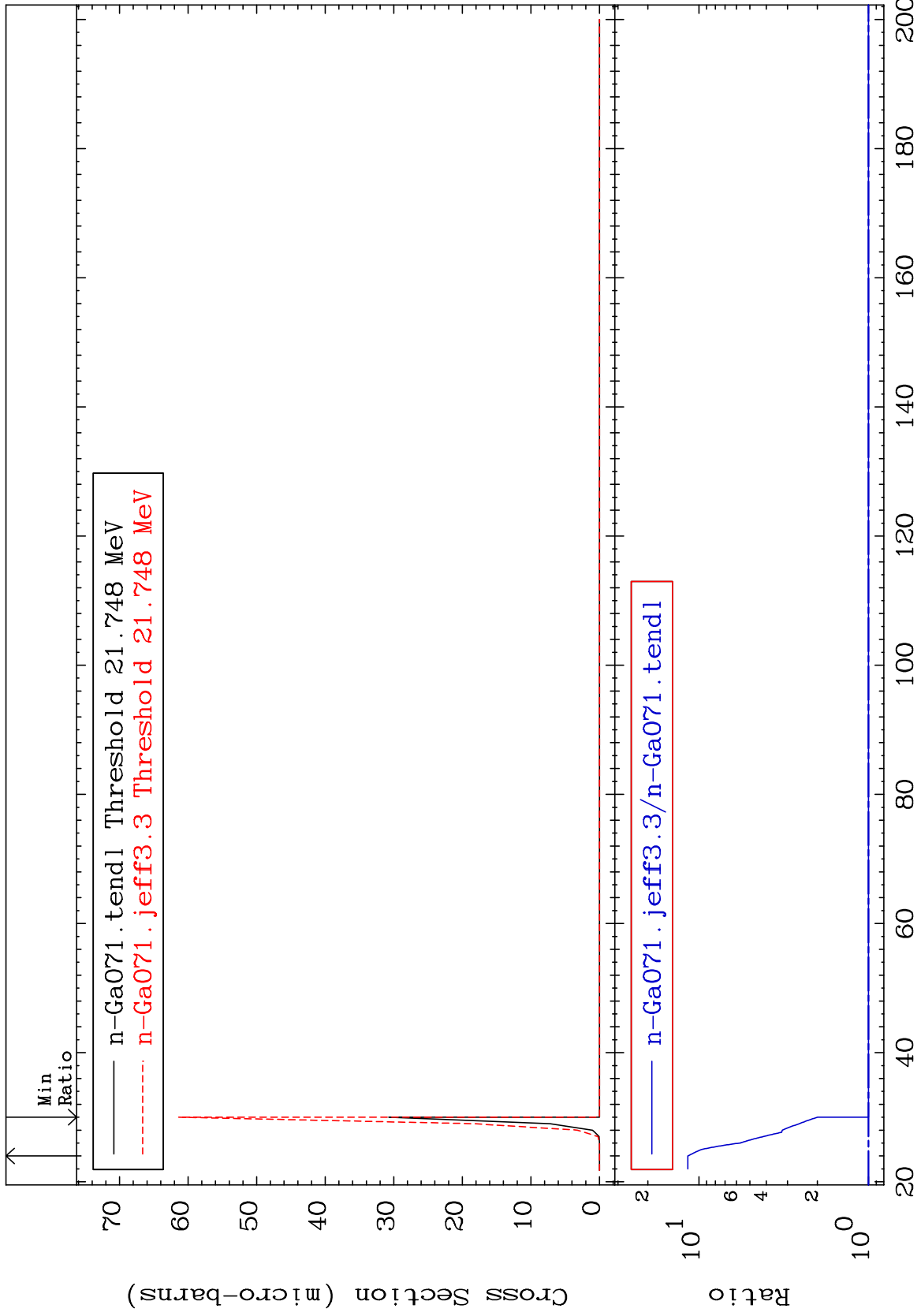
³¹Ga-71
-13.69 To 1841. %



MAT 3131

(n,3n) α
Cross Section

³¹Ga-71
To 1061. %
0.000

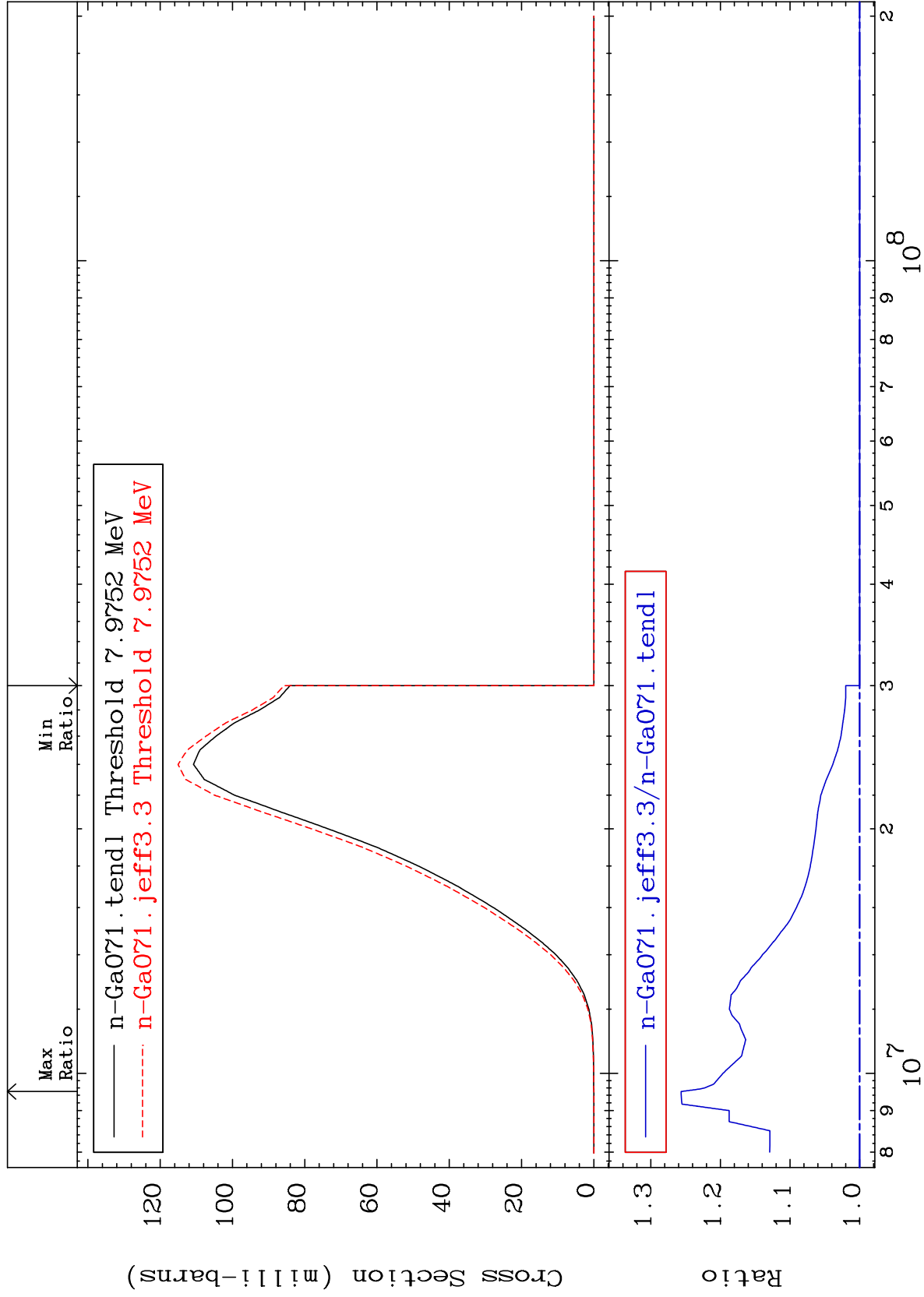


MAT 3131

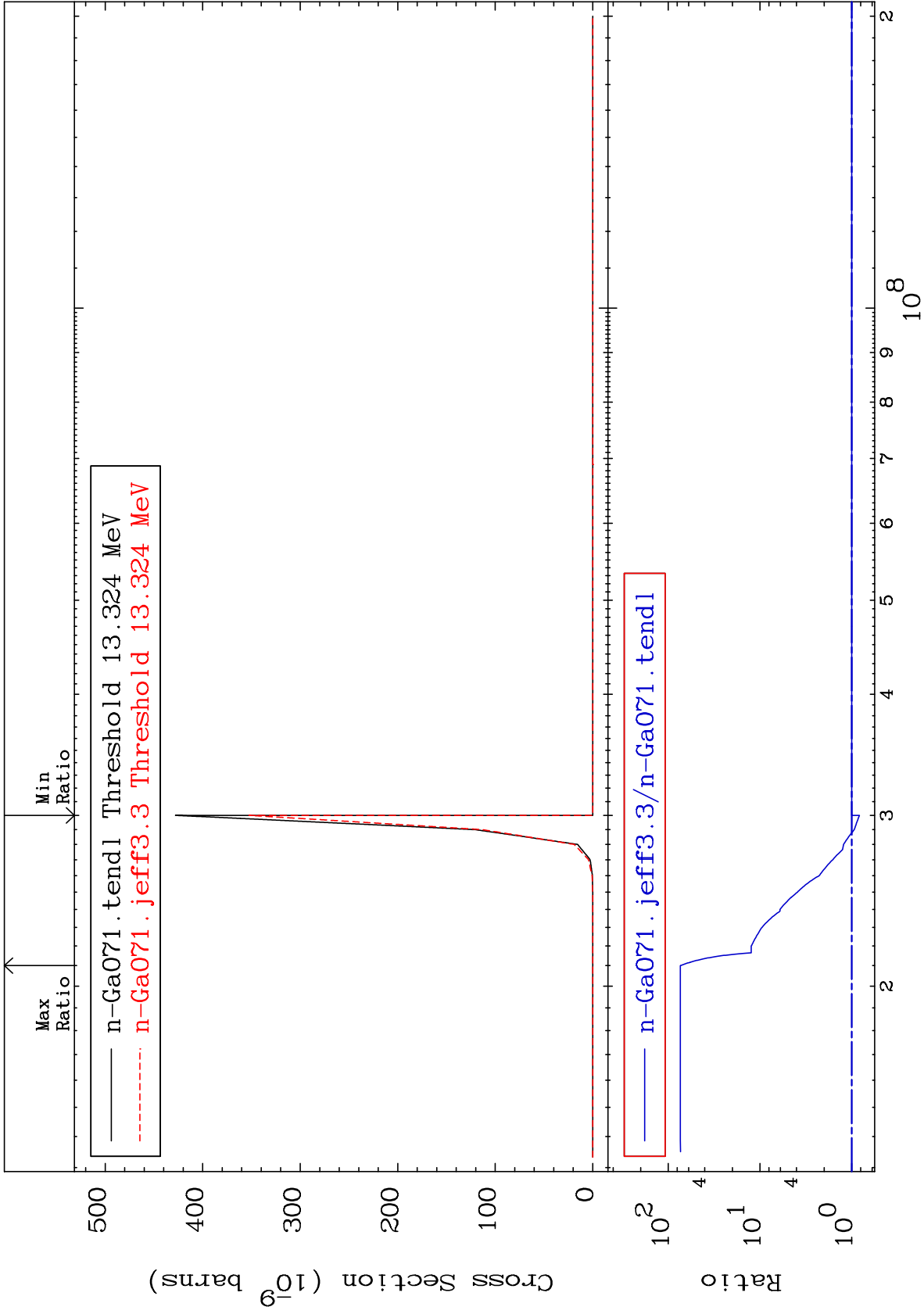
³¹Ga-71

(n,n') p
Cross Section

0.000 To 25.63 %



³¹Ga-71



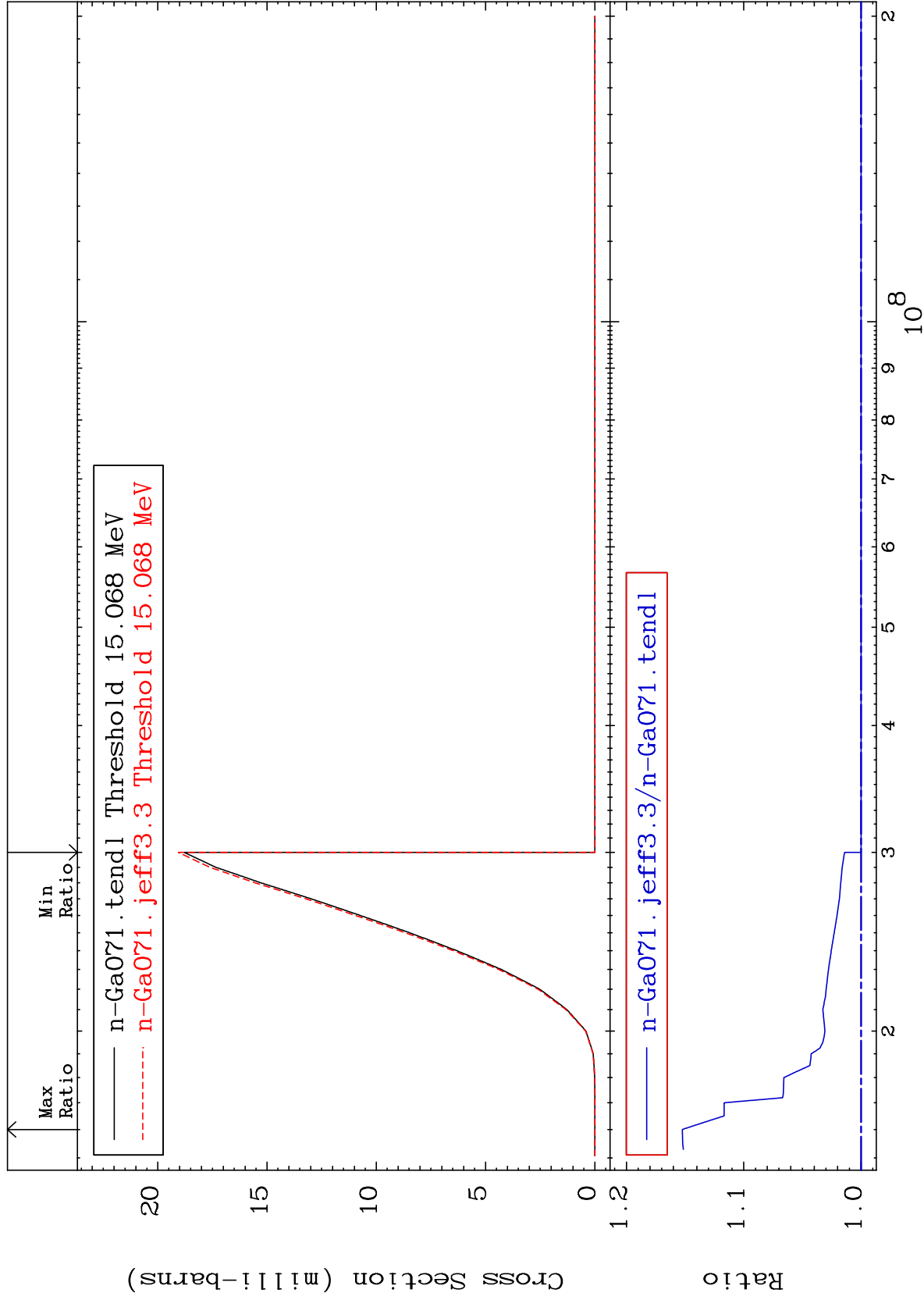
MAT 3131

(n,n') d

³¹Ga-71

Cross Section

0.000 To 15.24 %



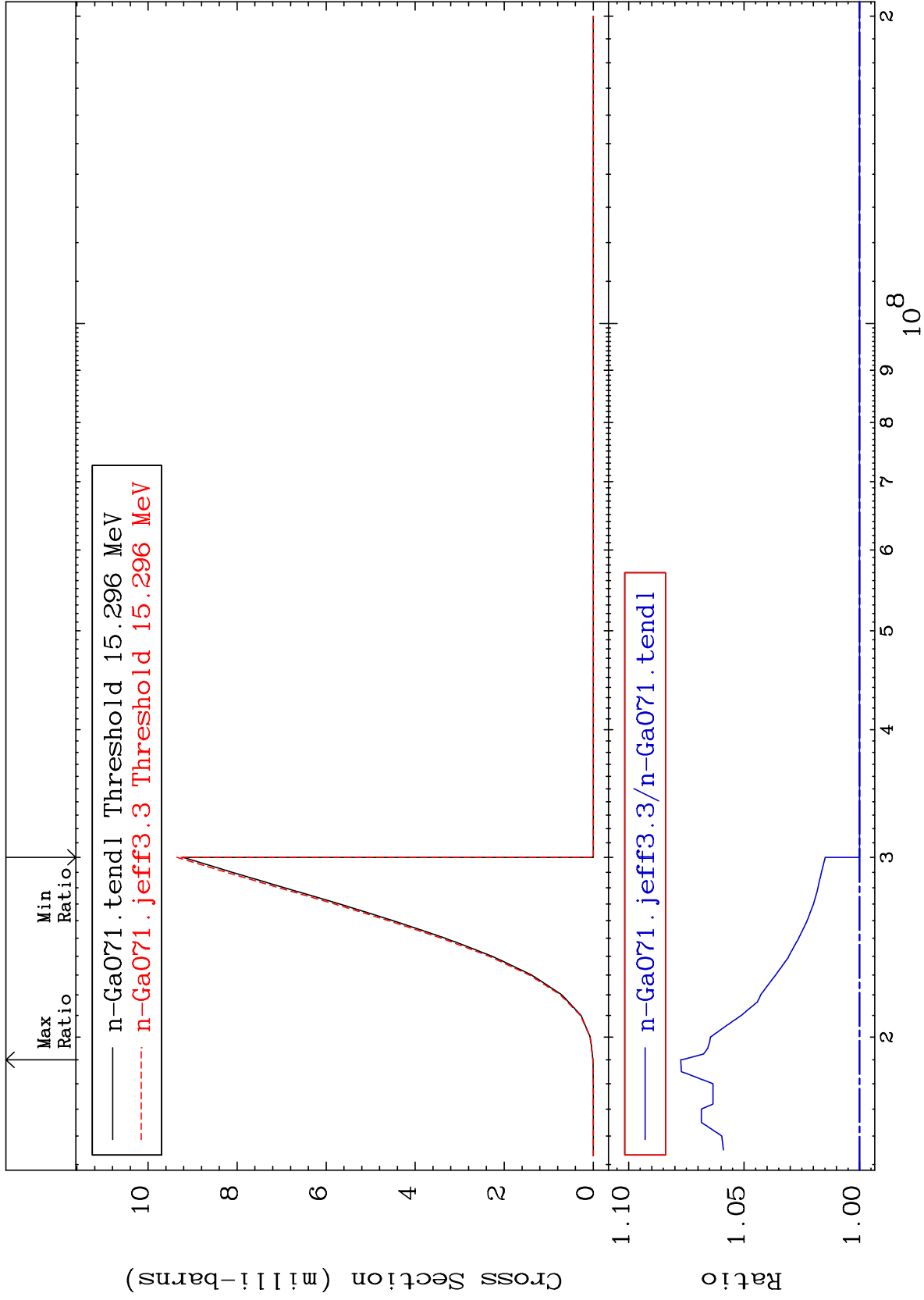
MAT 3131

(n,n') t

³¹Ga-71

Cross Section

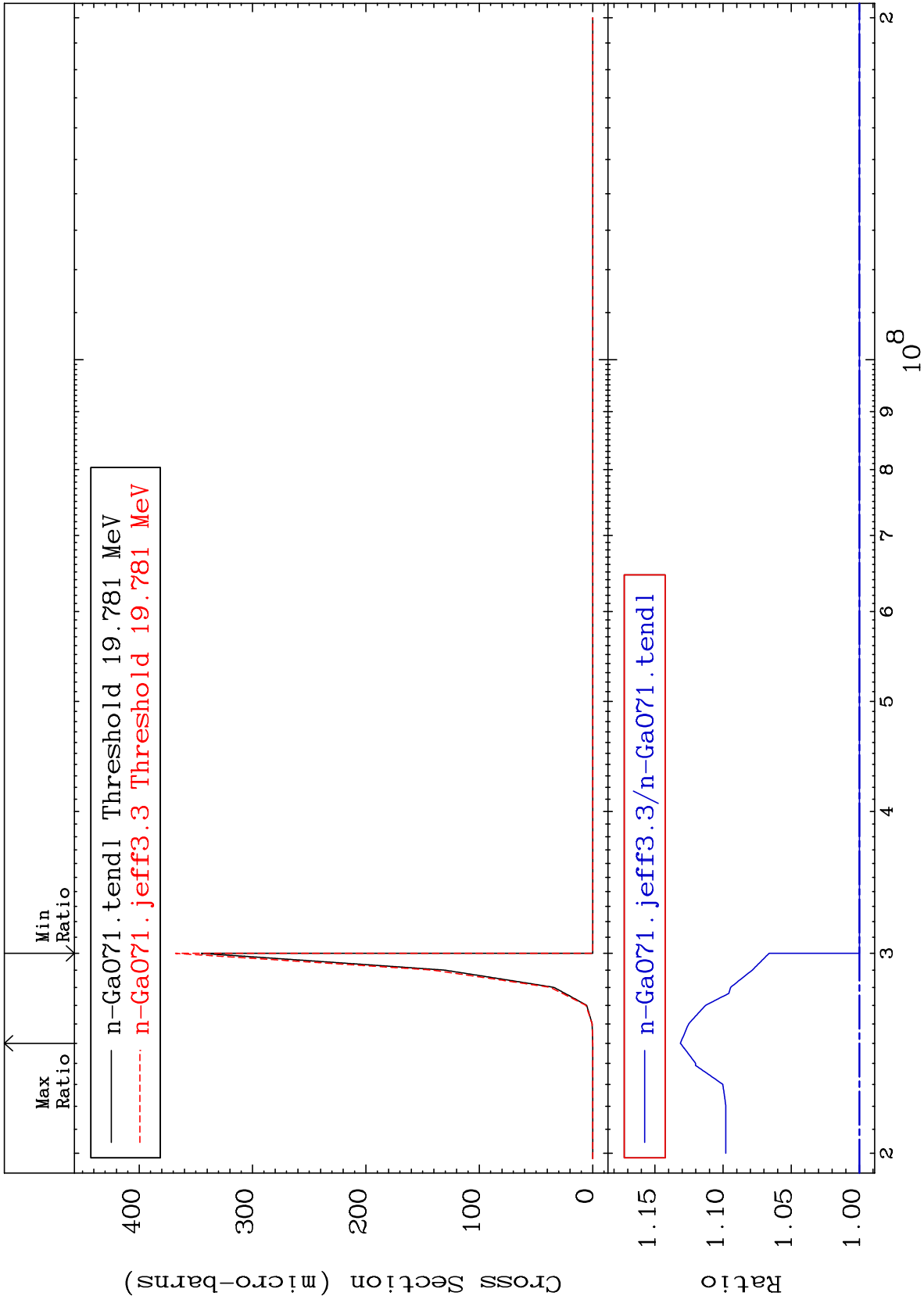
0.000 To 7.743 %



MAT 3131

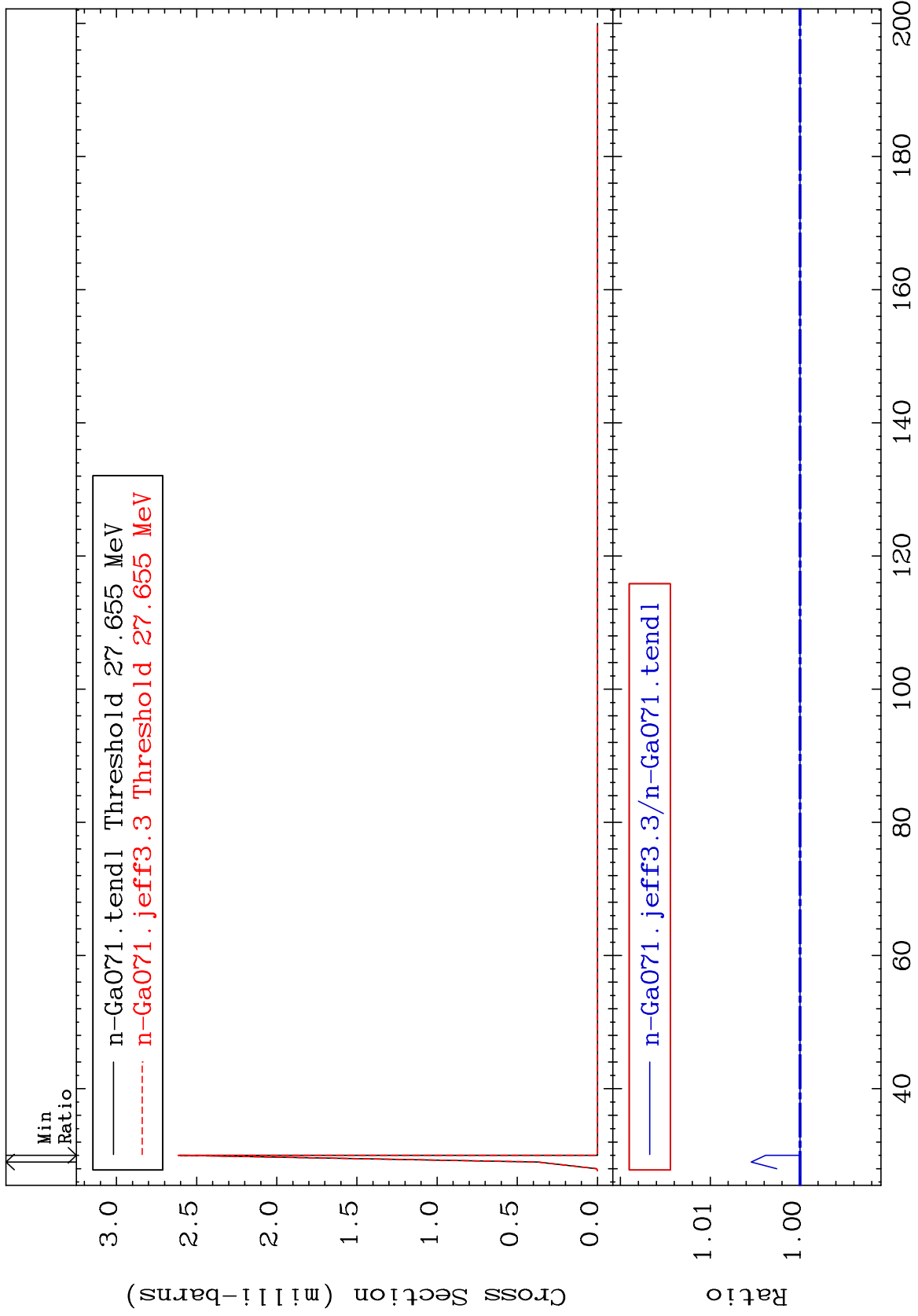
(n, n') He-3
Cross Section

31-Ga-71
0.000 To 13.14 %



MAT 3131

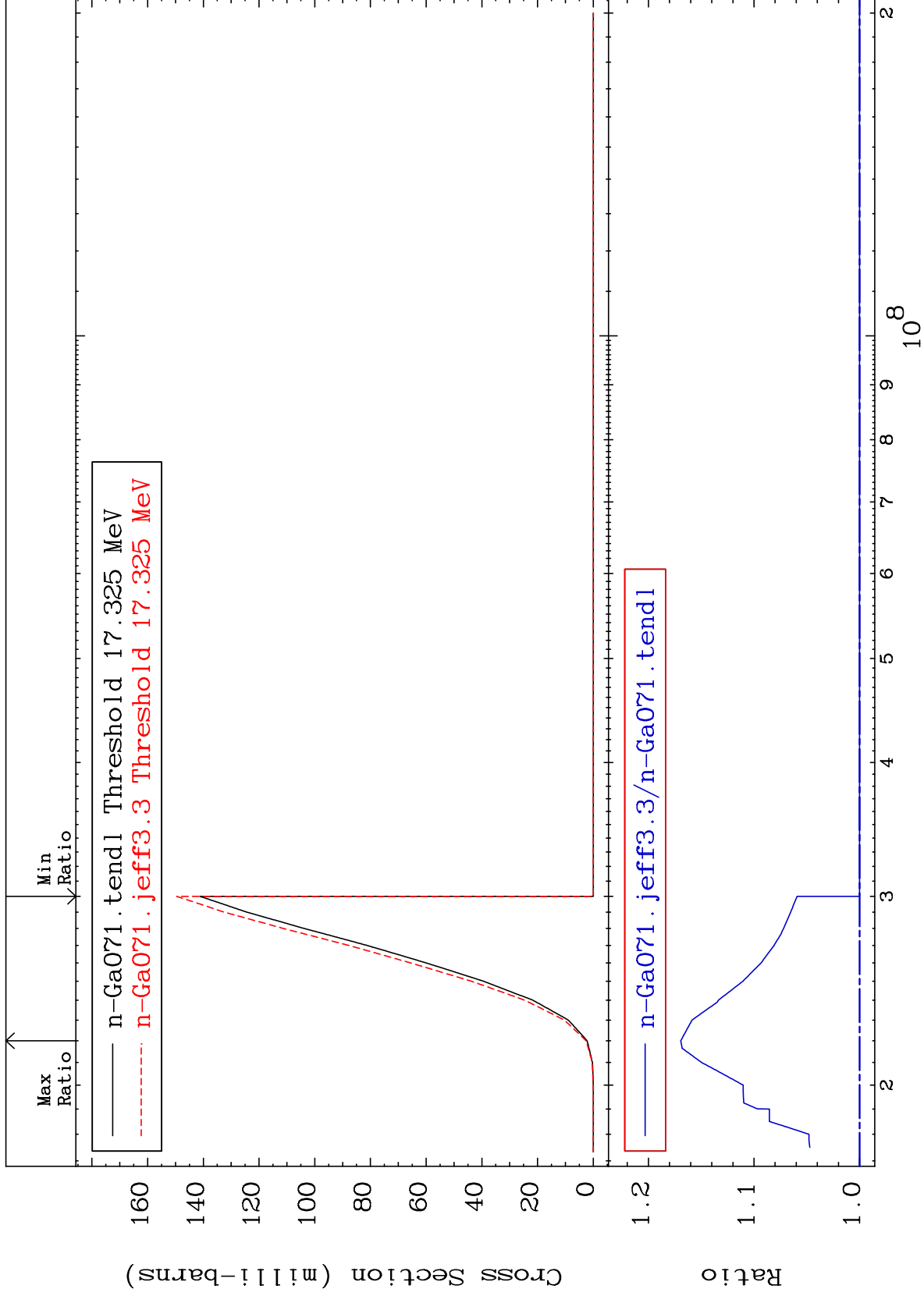
(n,4n)
Cross Section
31-Ga-71
0.000 To 0.543 %



MAT 3131

(n,2n) p
Cross Section

31-Ga-71
0.000 To 16.94 %



16

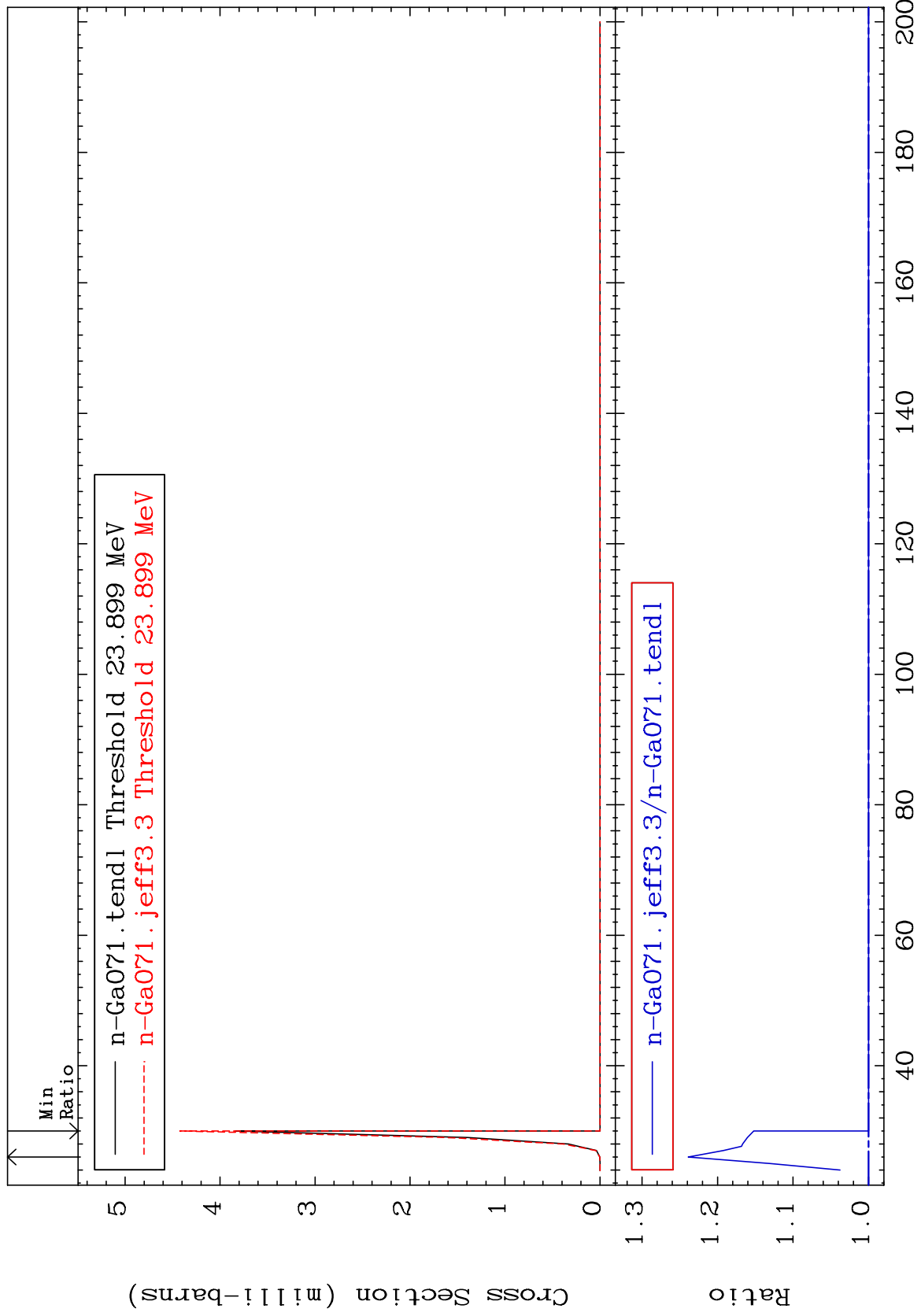
Incident Energy (eV)

31-Ga-71

MAT 3131

(n,3n) p
Cross Section

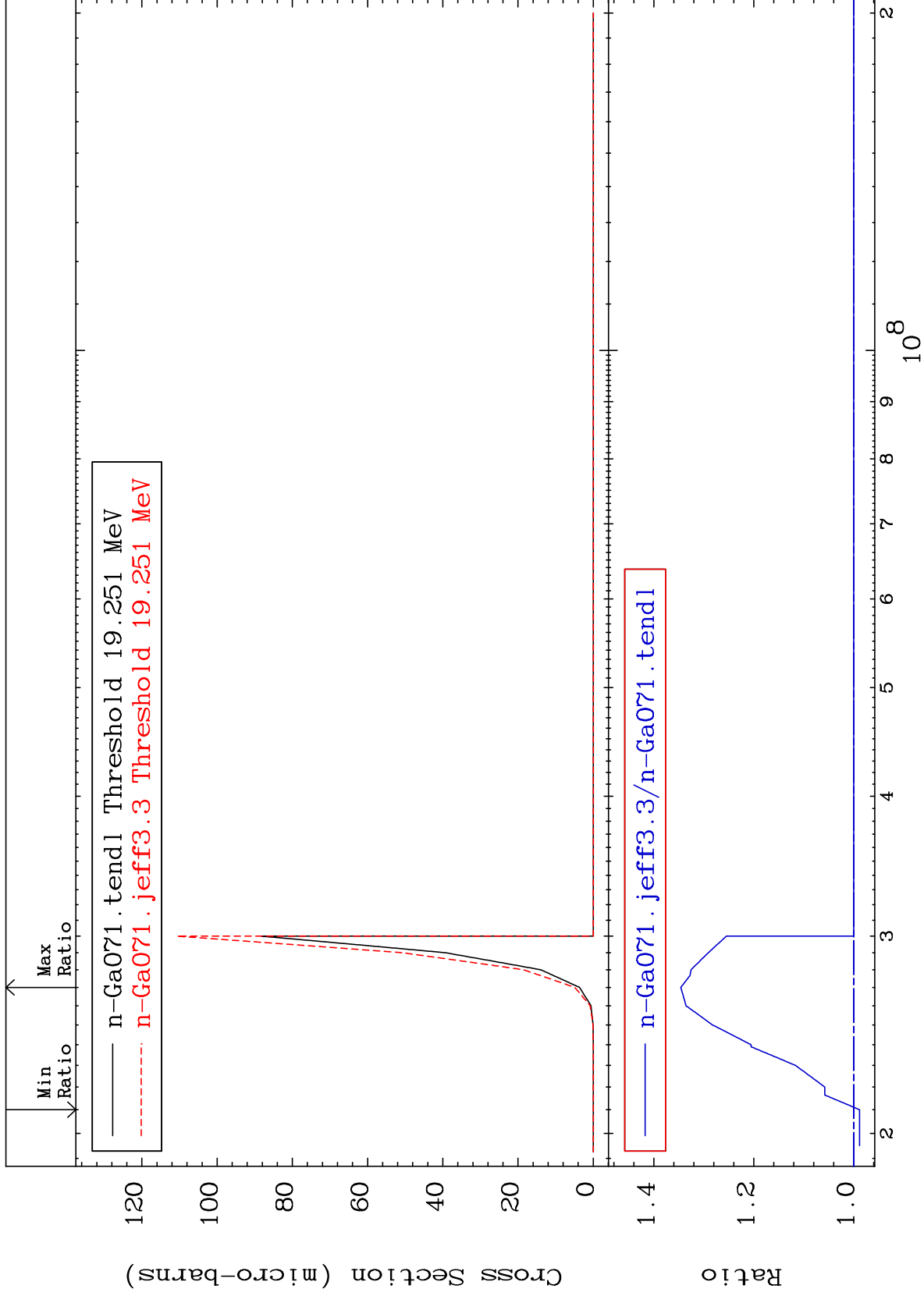
31-Ga-71
0.000 To 23.89 %



MAT 3131

(n,2n) p
Cross Section

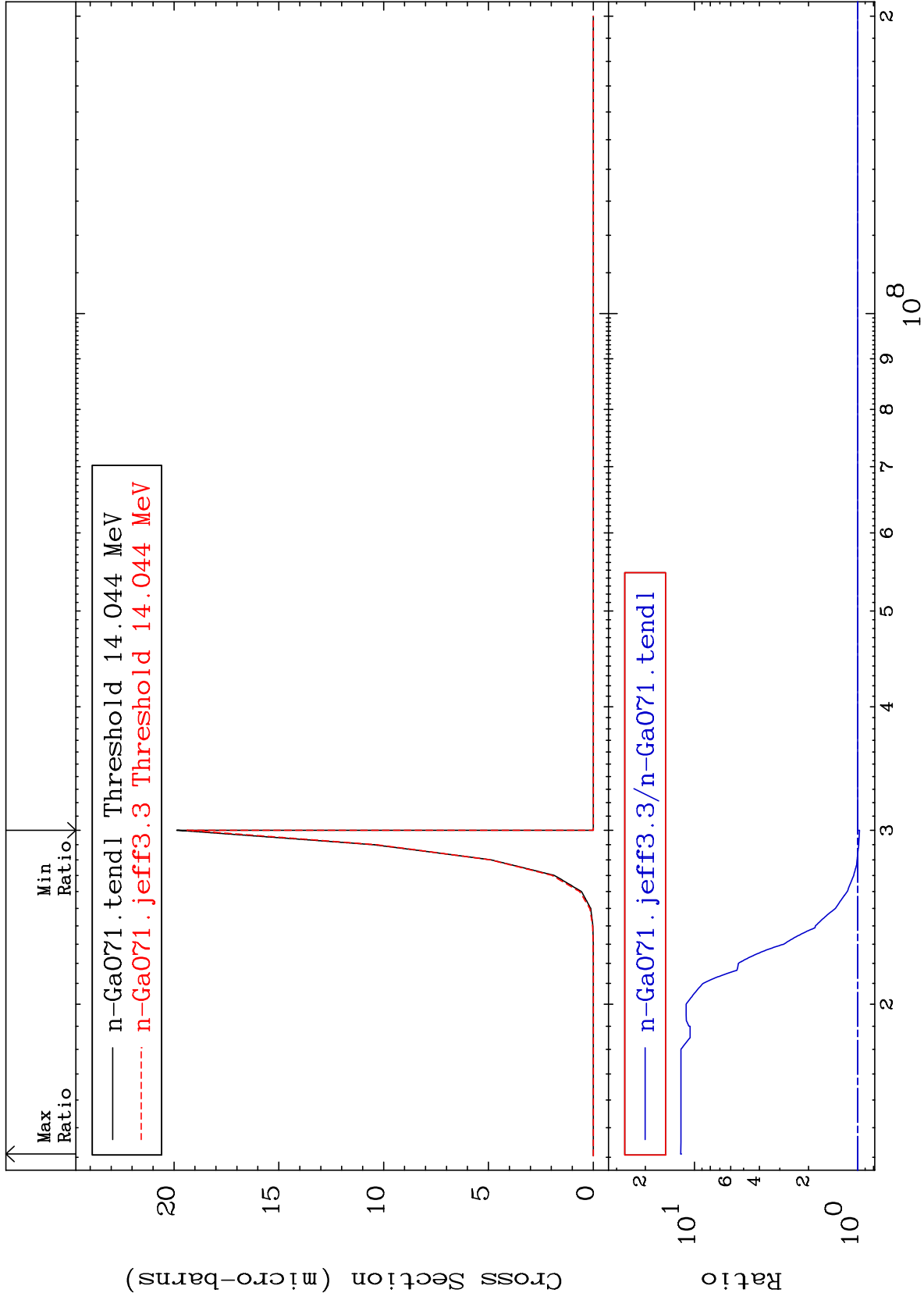
31-Ga-71
-1.176 To 34.62 %



18

Incident Energy (eV)

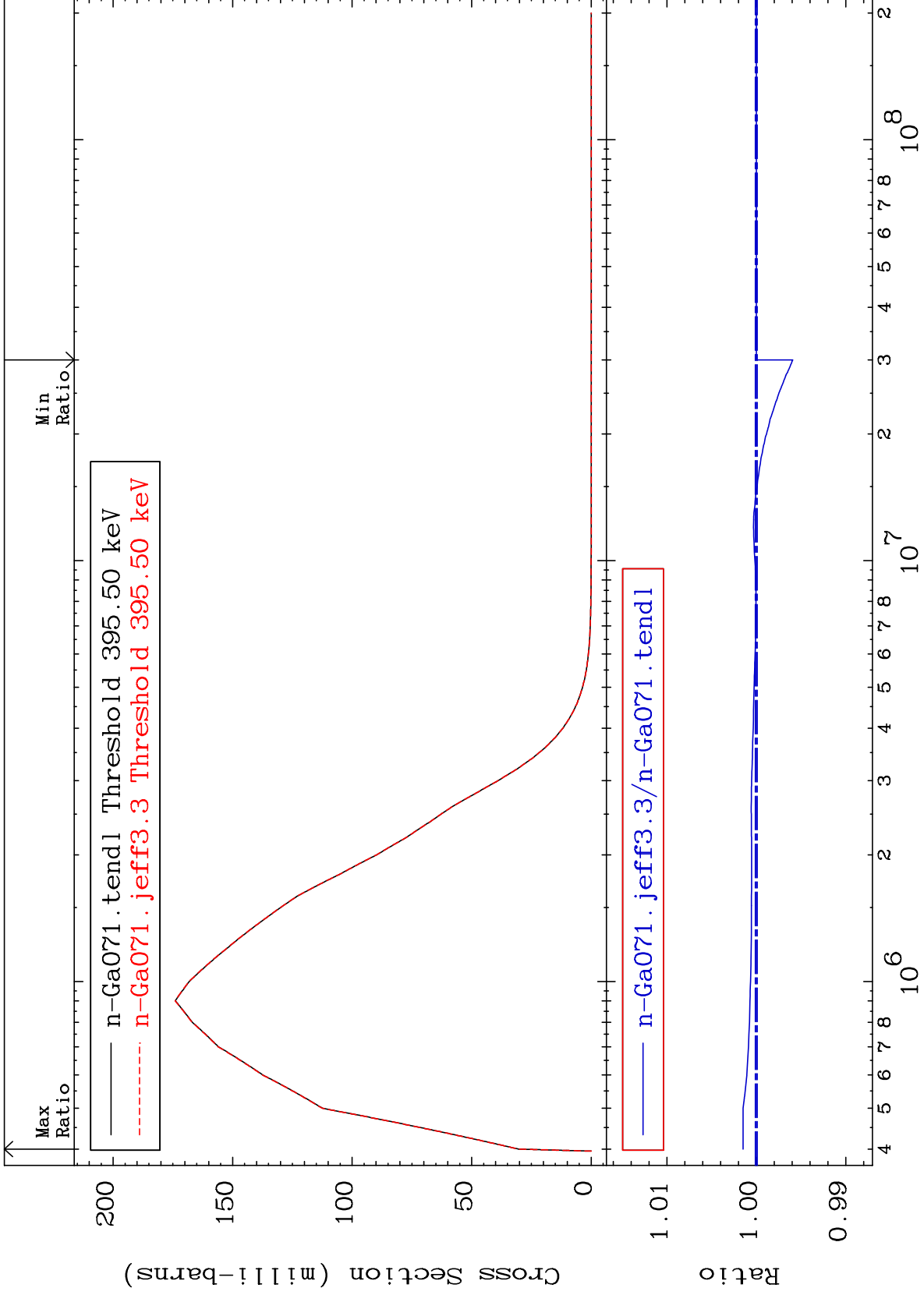
31-Ga-71



MAT 3131

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

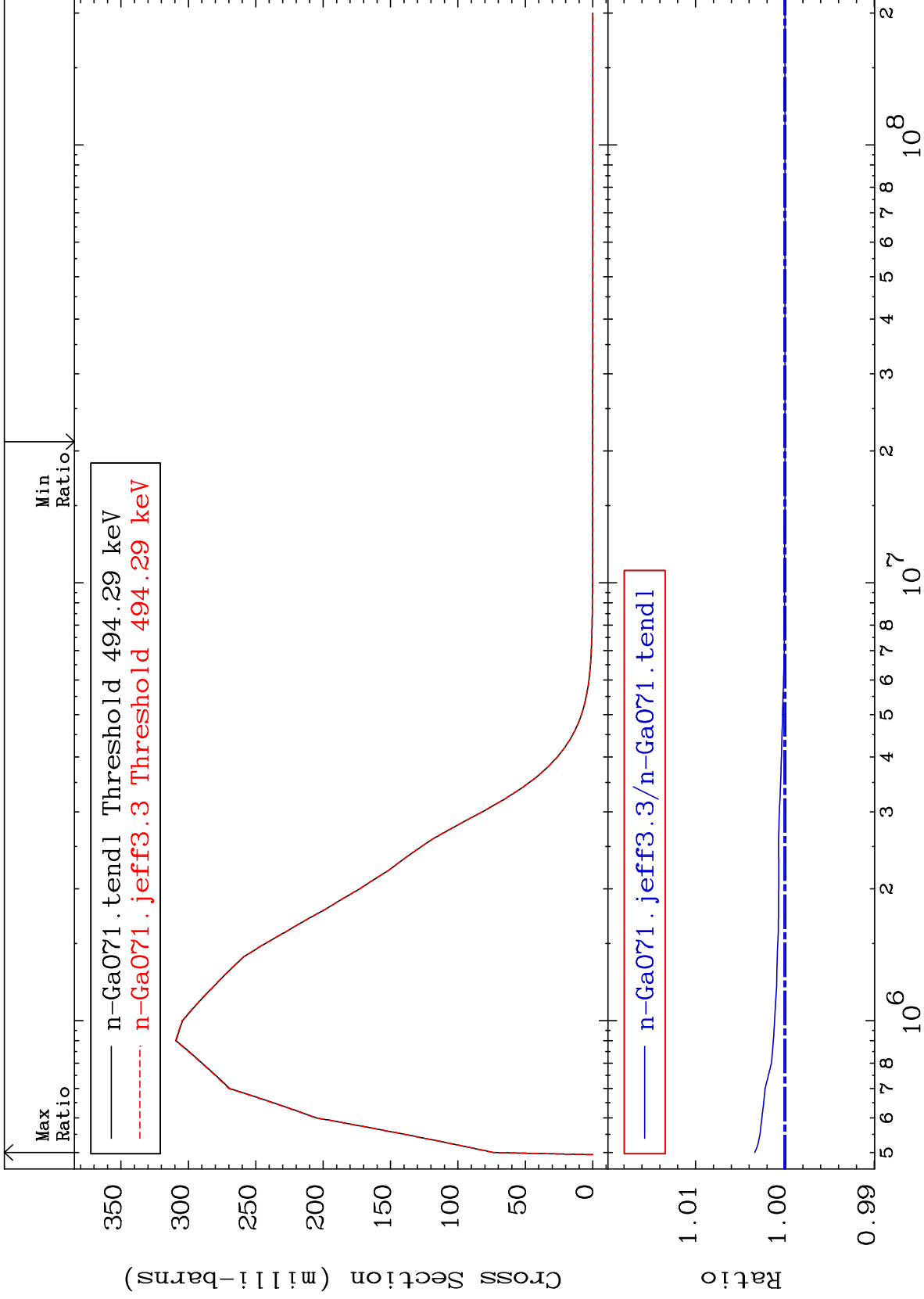
31-Ga-71
-0.408 To 0.147 %



MAT 3131

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

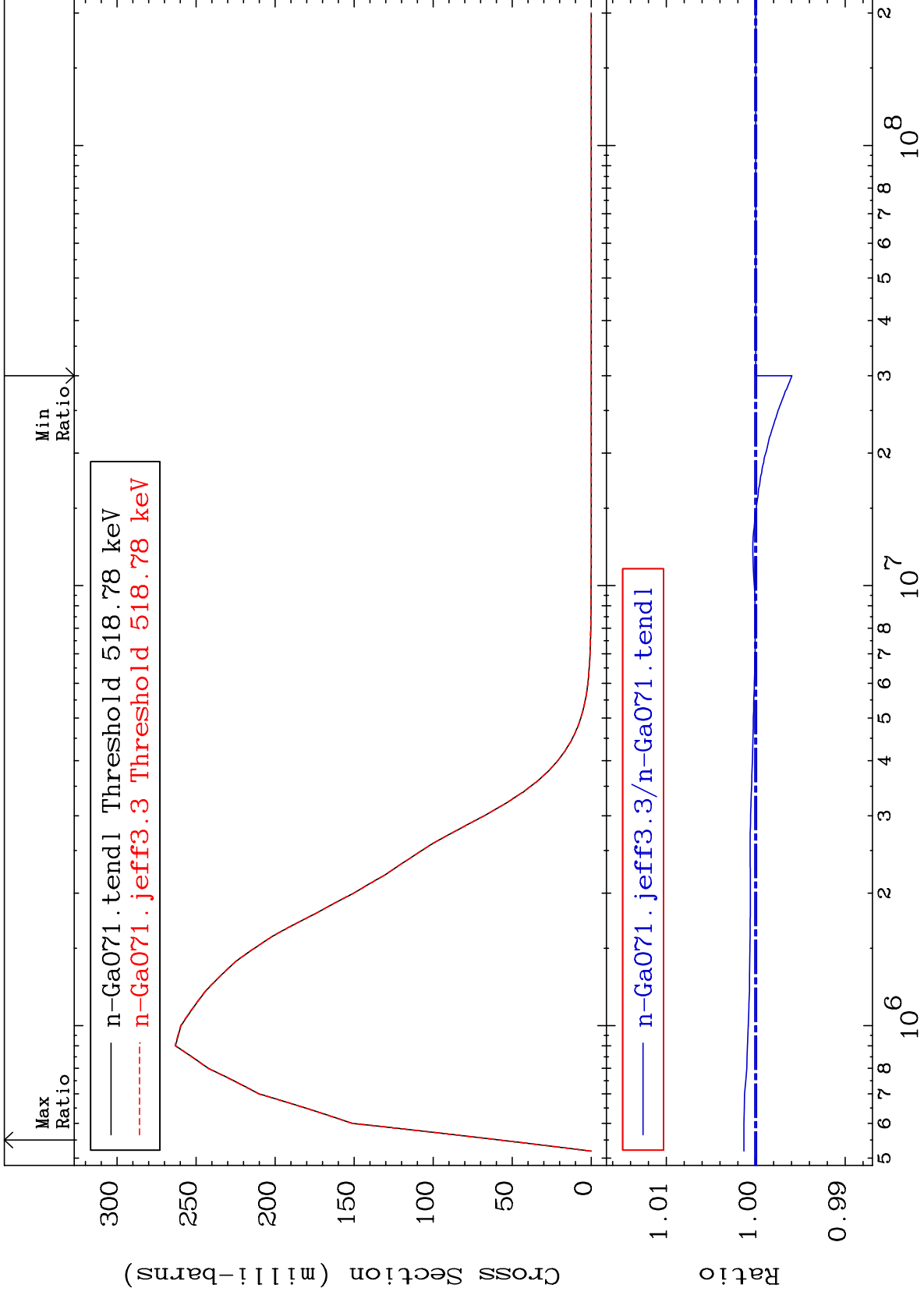
31-Ga-71
0.000 To 0.337 %



MAT 3131

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

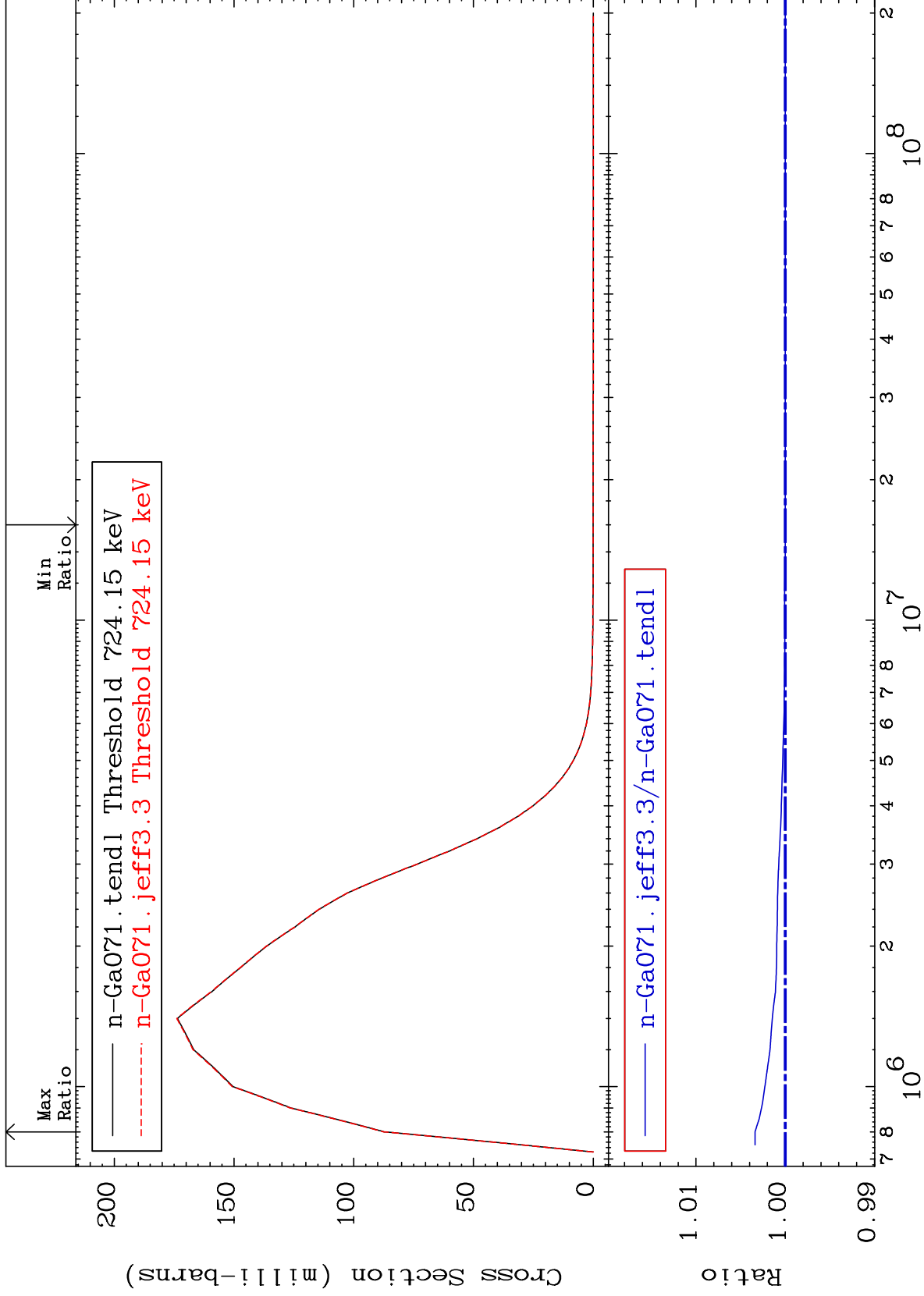
31-Ga-71
-0.406 To 0.132 %



MAT 3131

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

31-Ga-71
0.000 To 0.338 %



23

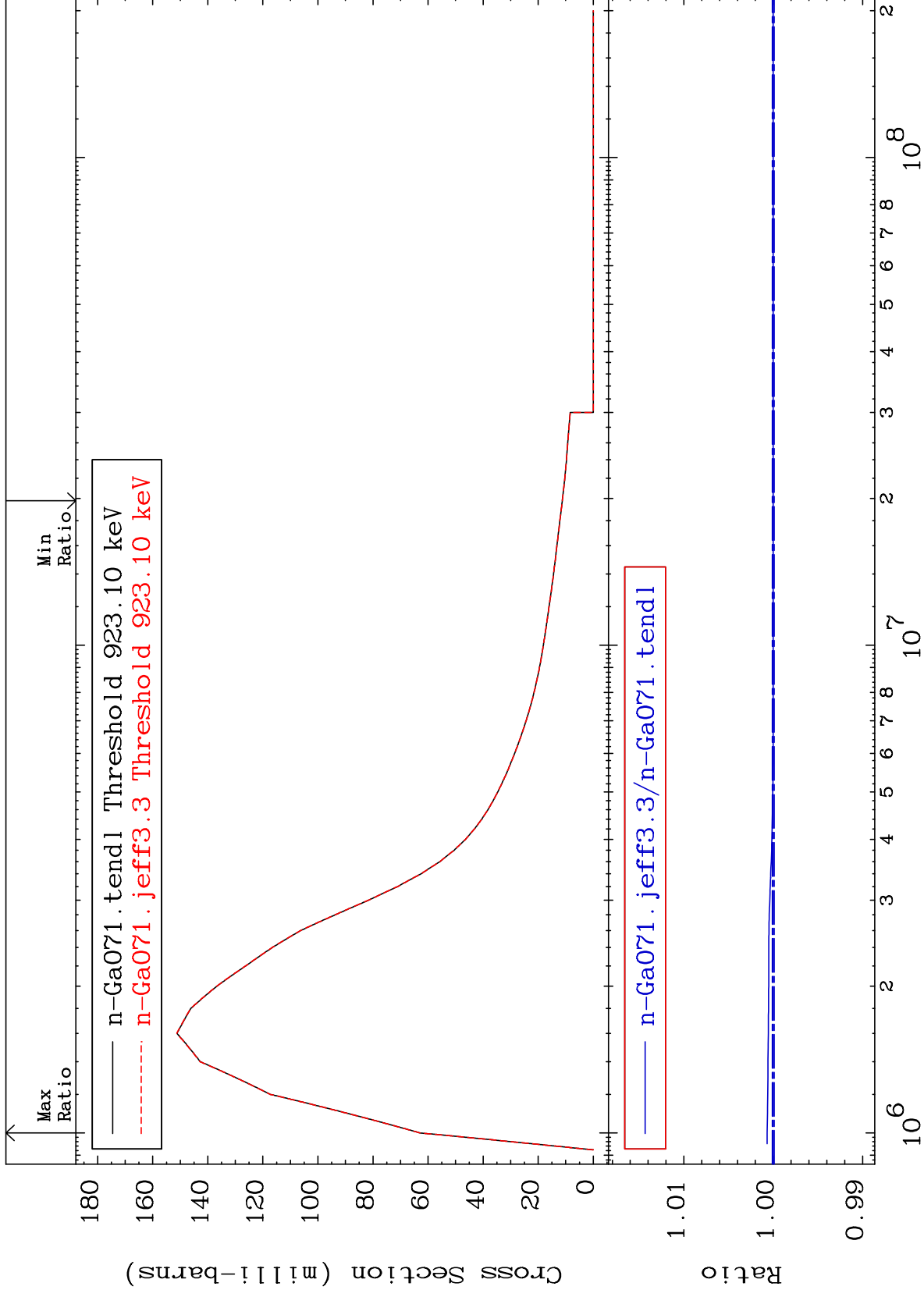
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
0.000 To 0.068 %



24

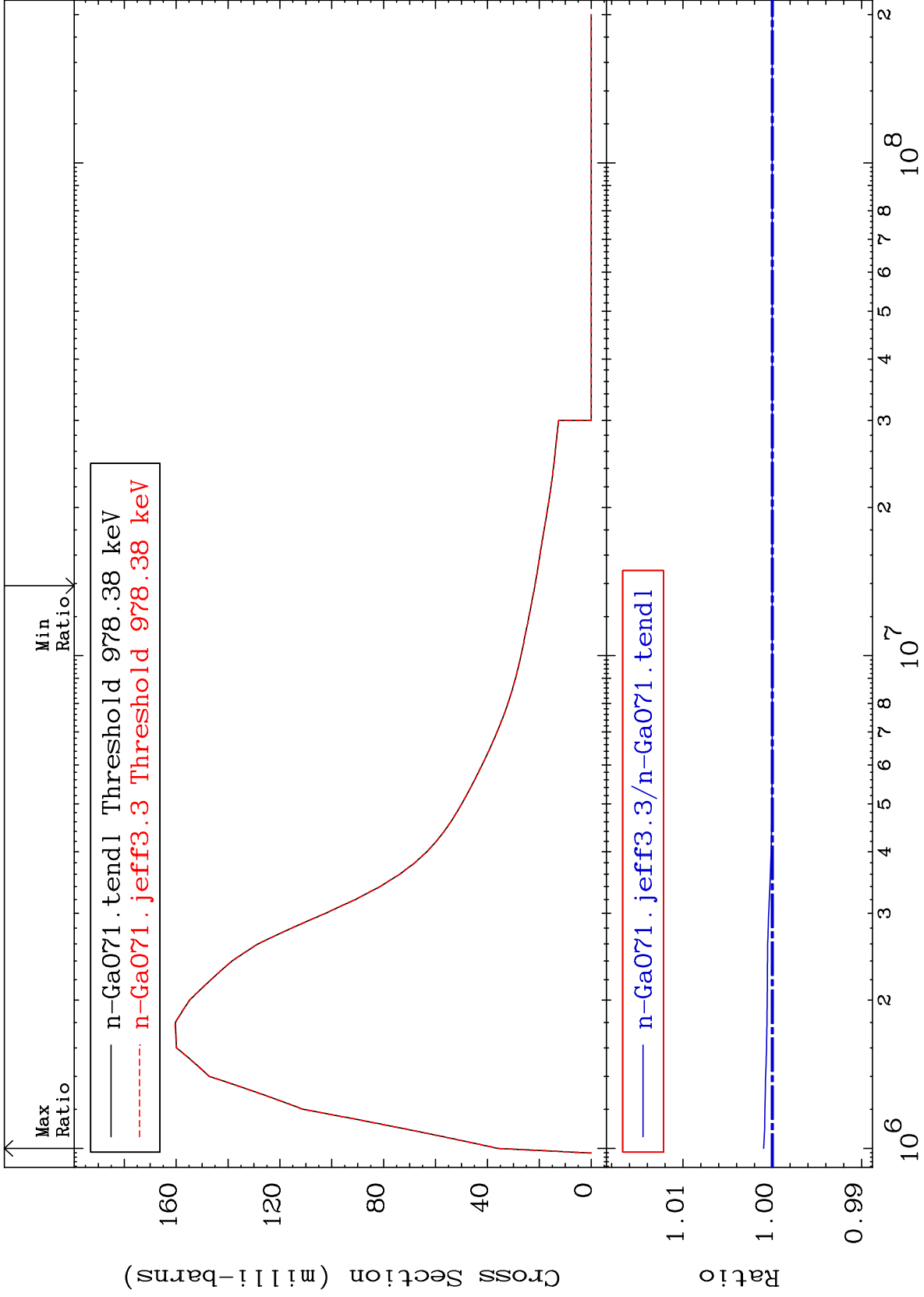
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
To 0.097 %



25

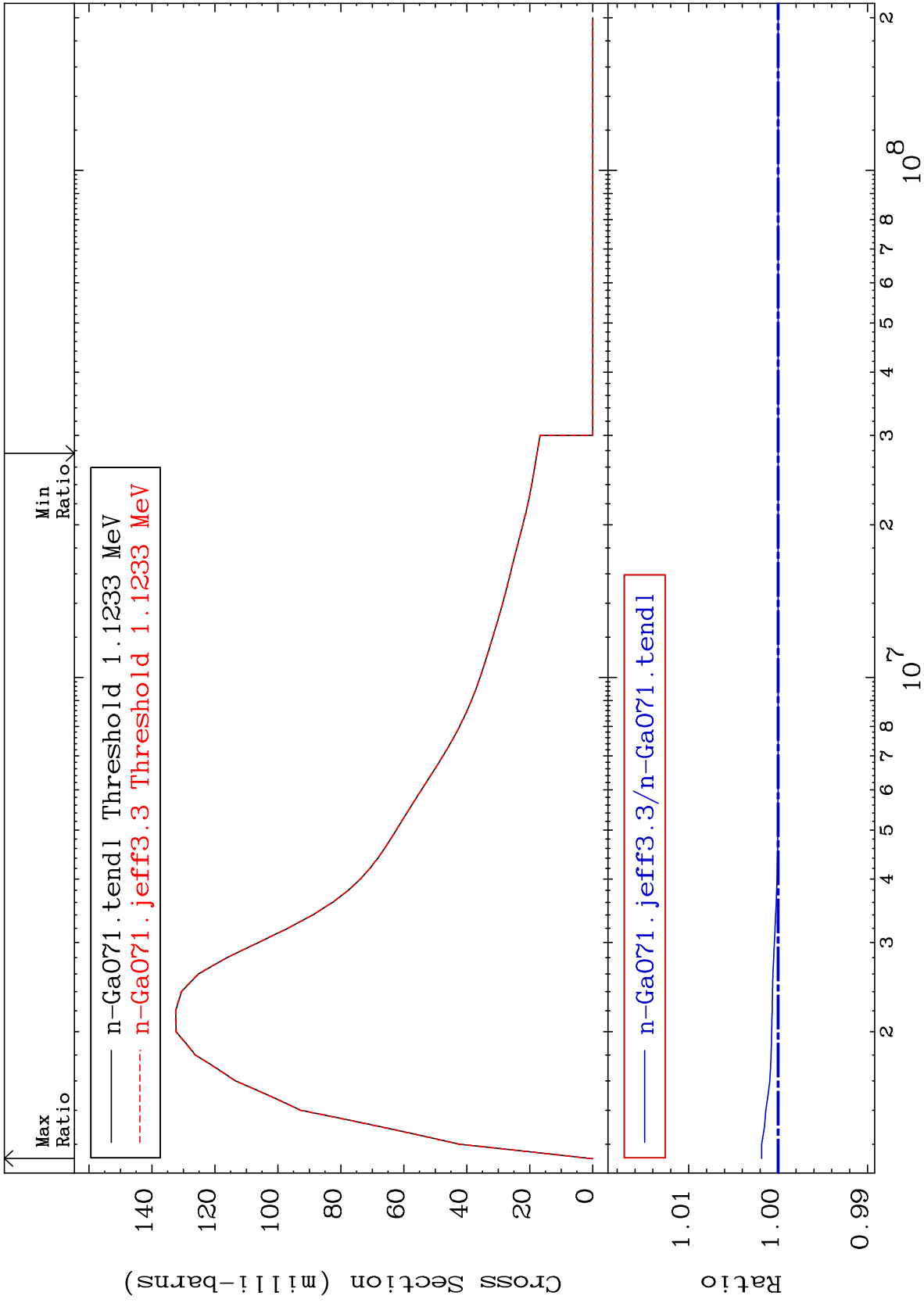
Incident Energy (eV)

31-Ga-71

MAT 3131

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

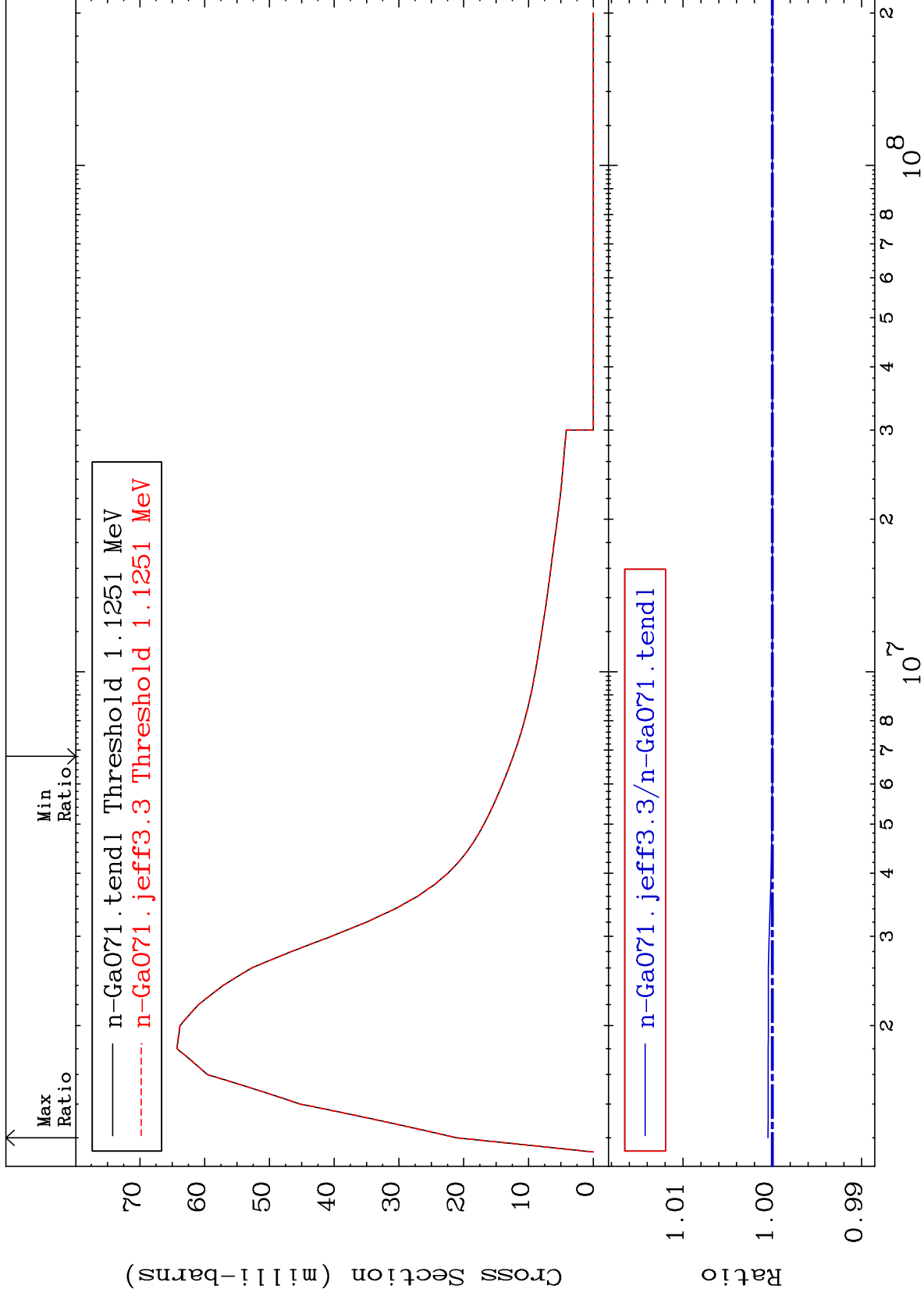
31-Ga-71
0.000 To 0.184 %



MAT 3131

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

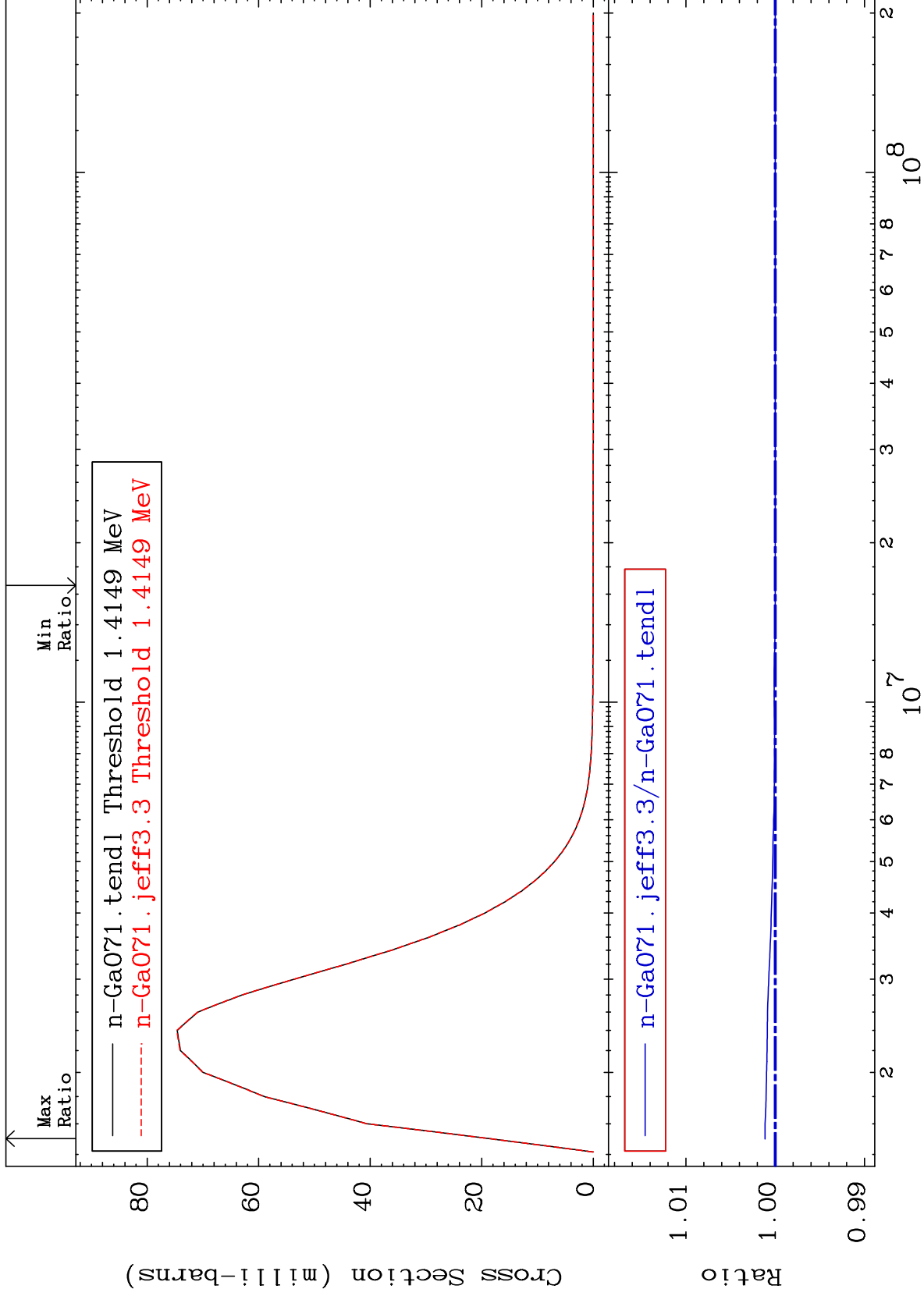
31-Ga-71
0.000 To 0.049 %



MAT 3131

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

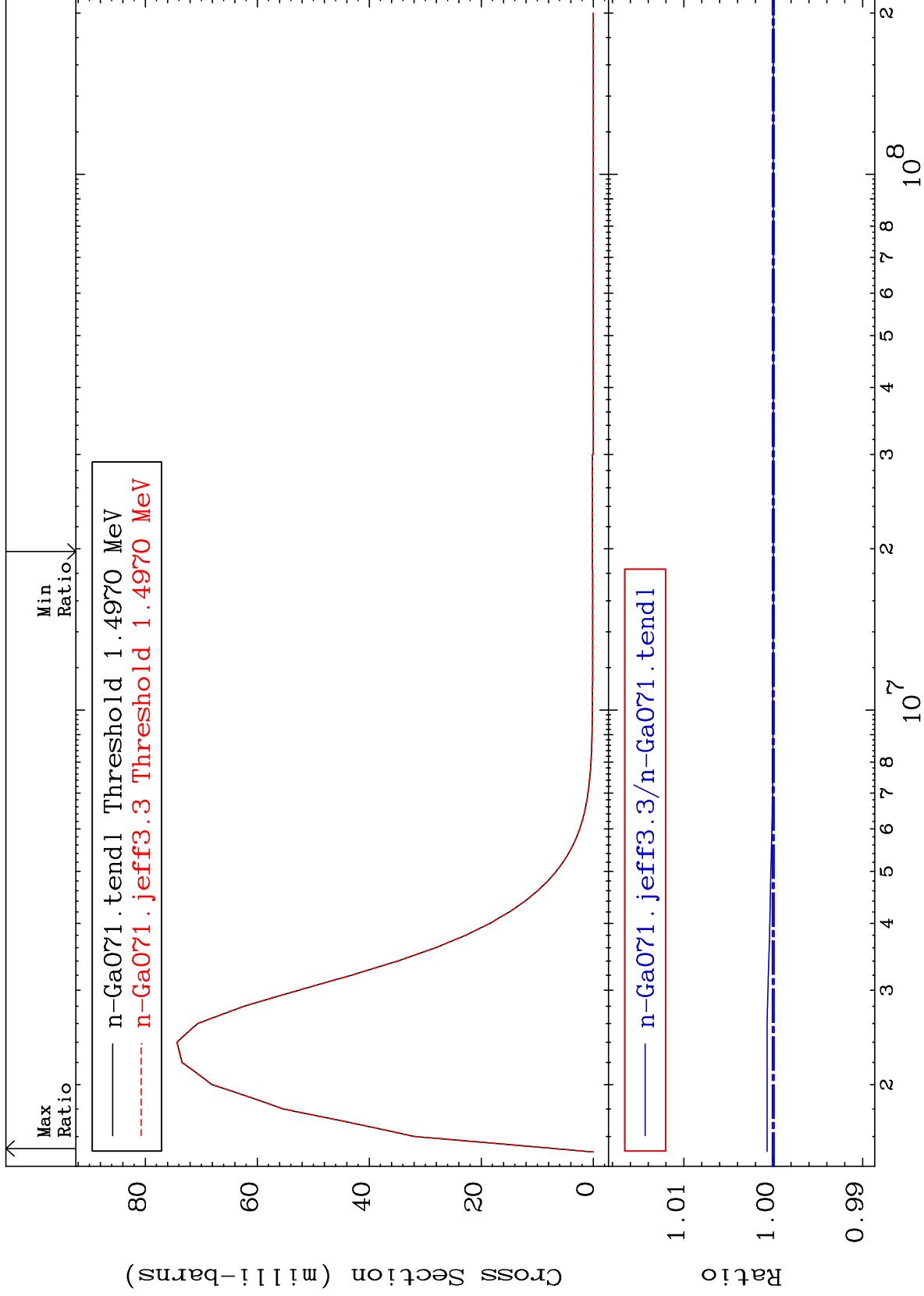
31-Ga-71
0.000 To 0.114 %



MAT 3131

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

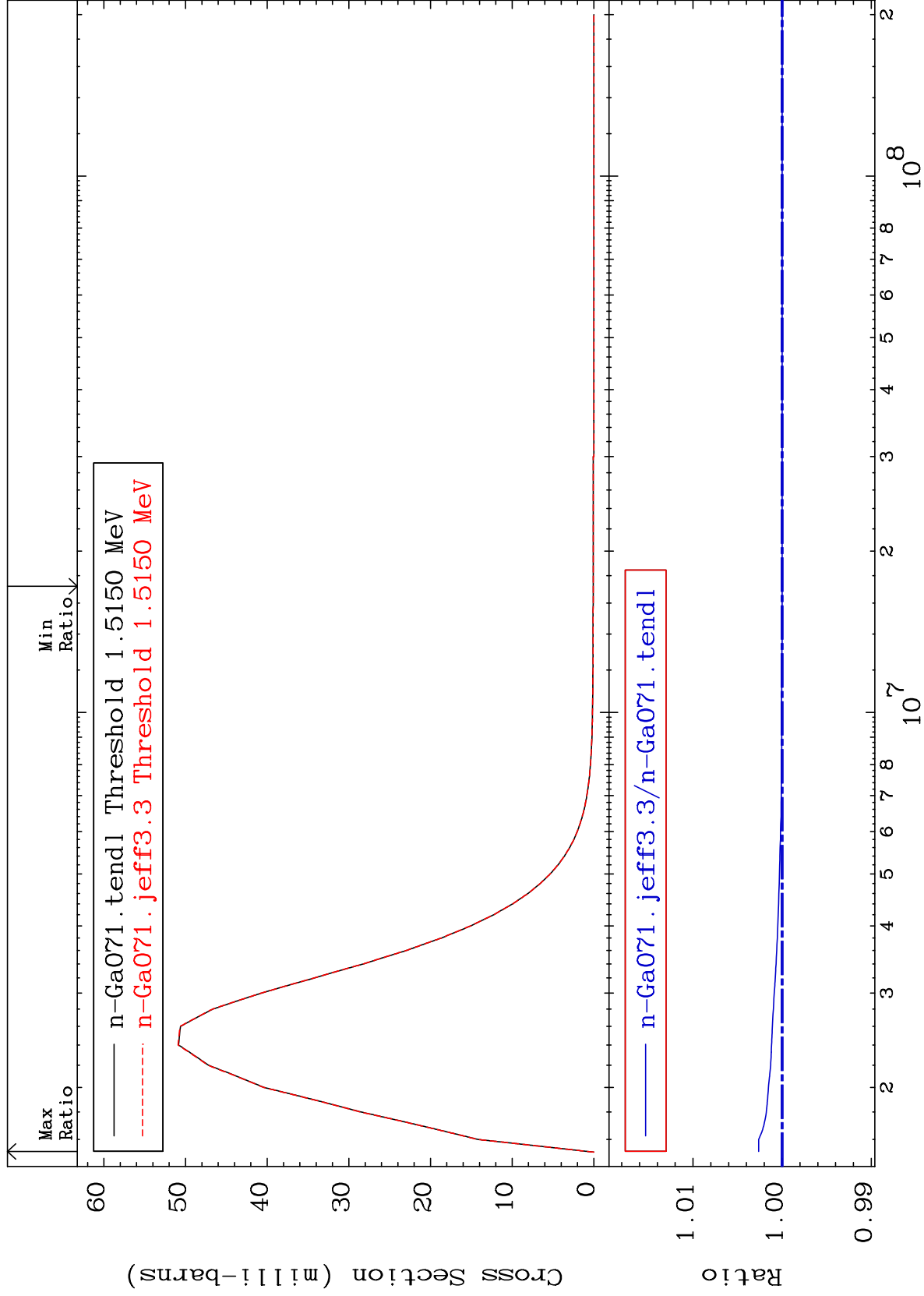
31-Ga-71
0.000 To 0.070 %



MAT 3131

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

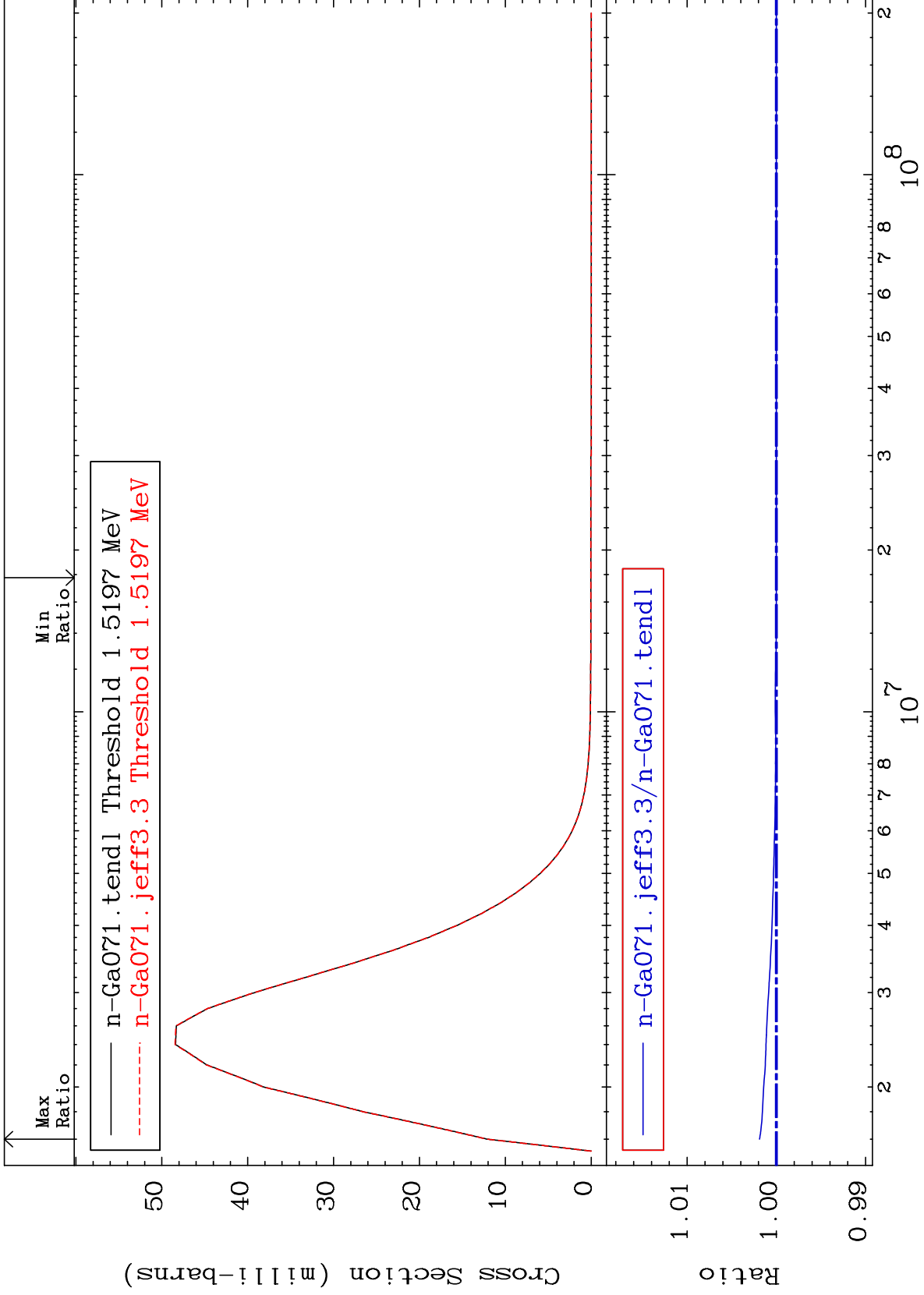
31-Ga-71
0.000 To 0.263 %



MAT 3131

MT= 62 (n,n') Level
Cross Section

31-Ga-71
0.000 To 0.189 %



31

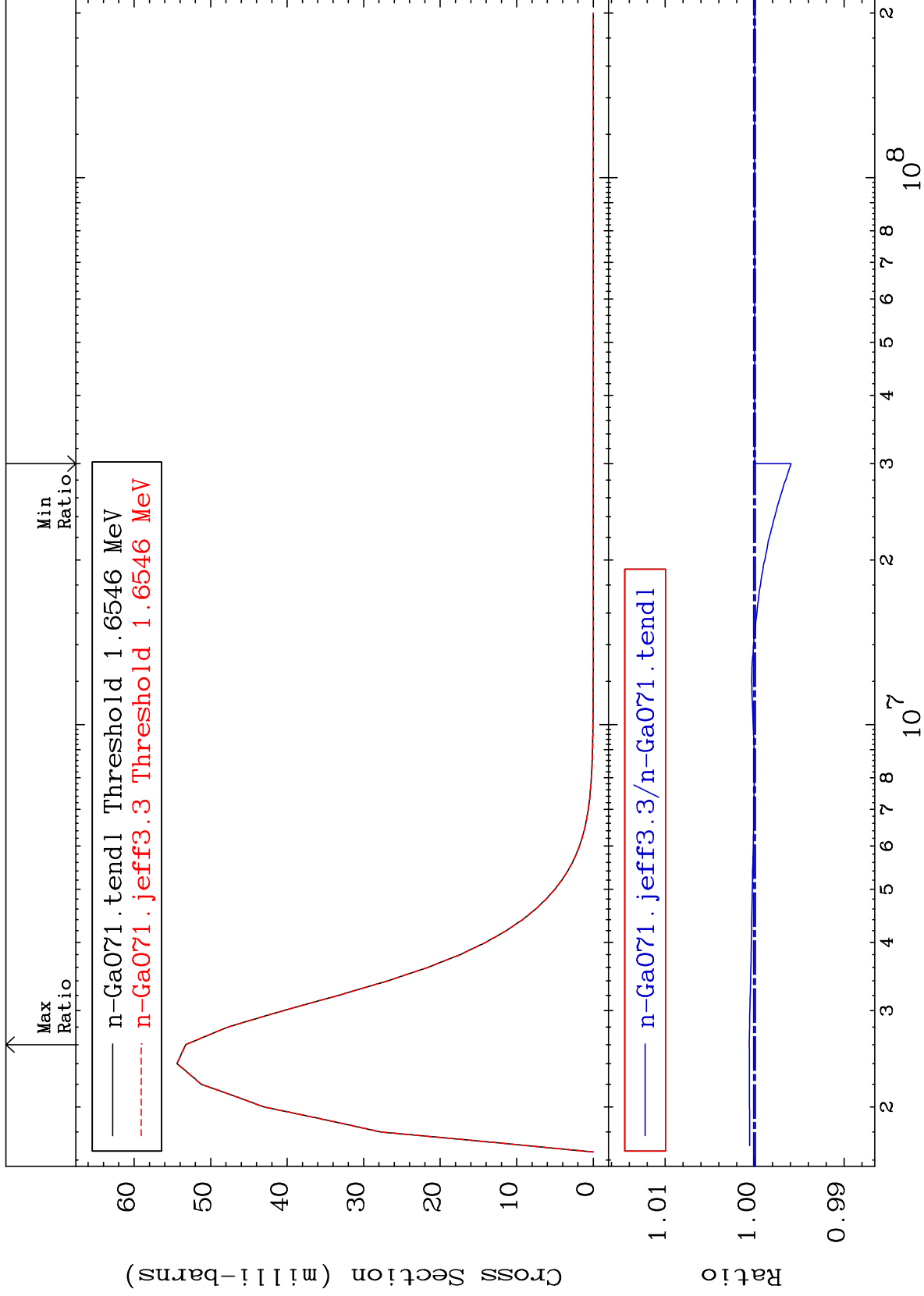
Incident Energy (eV)

31-Ga-71

MAT 3131

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

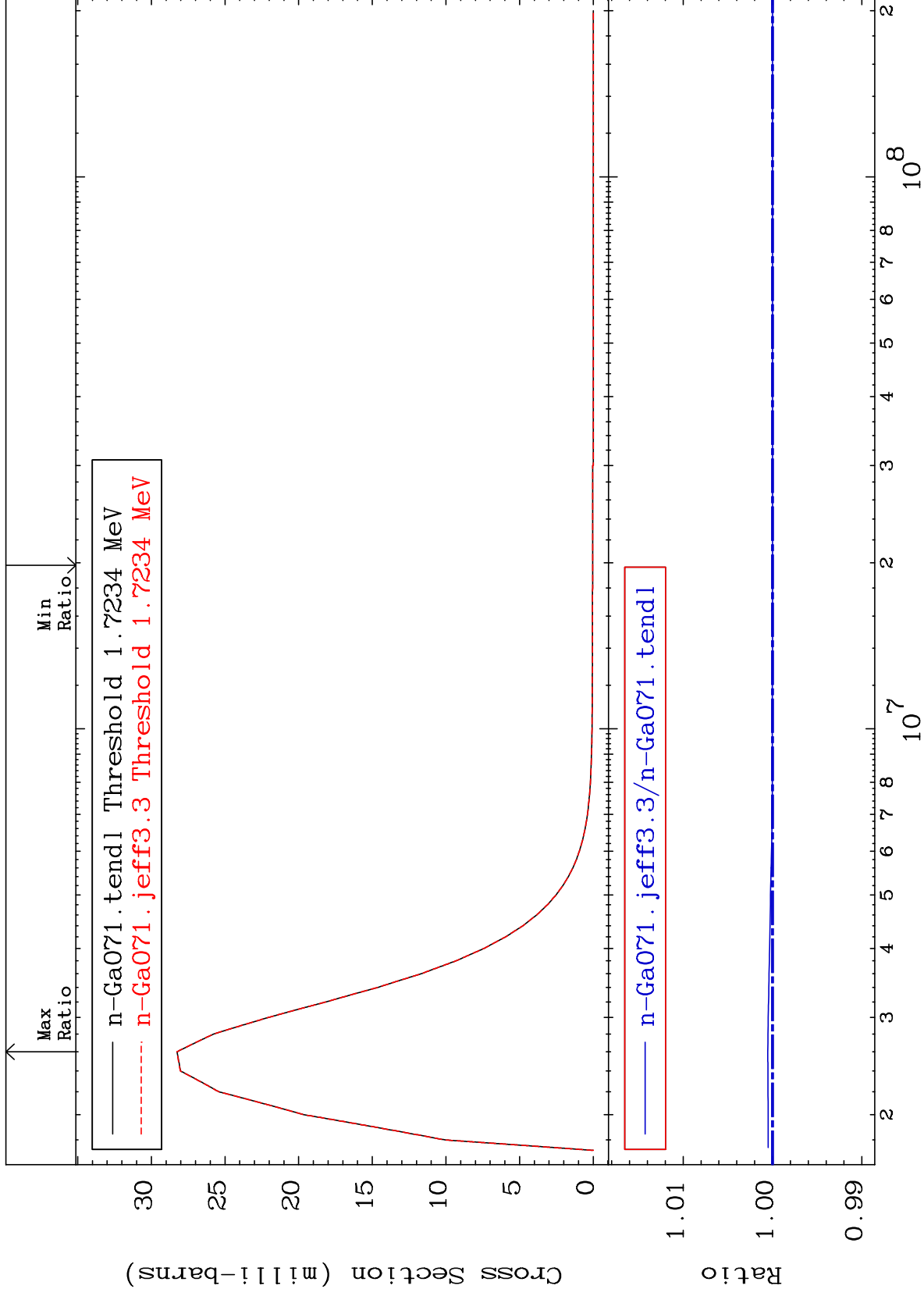
31-Ga-71
-0.407 To 0.059 %



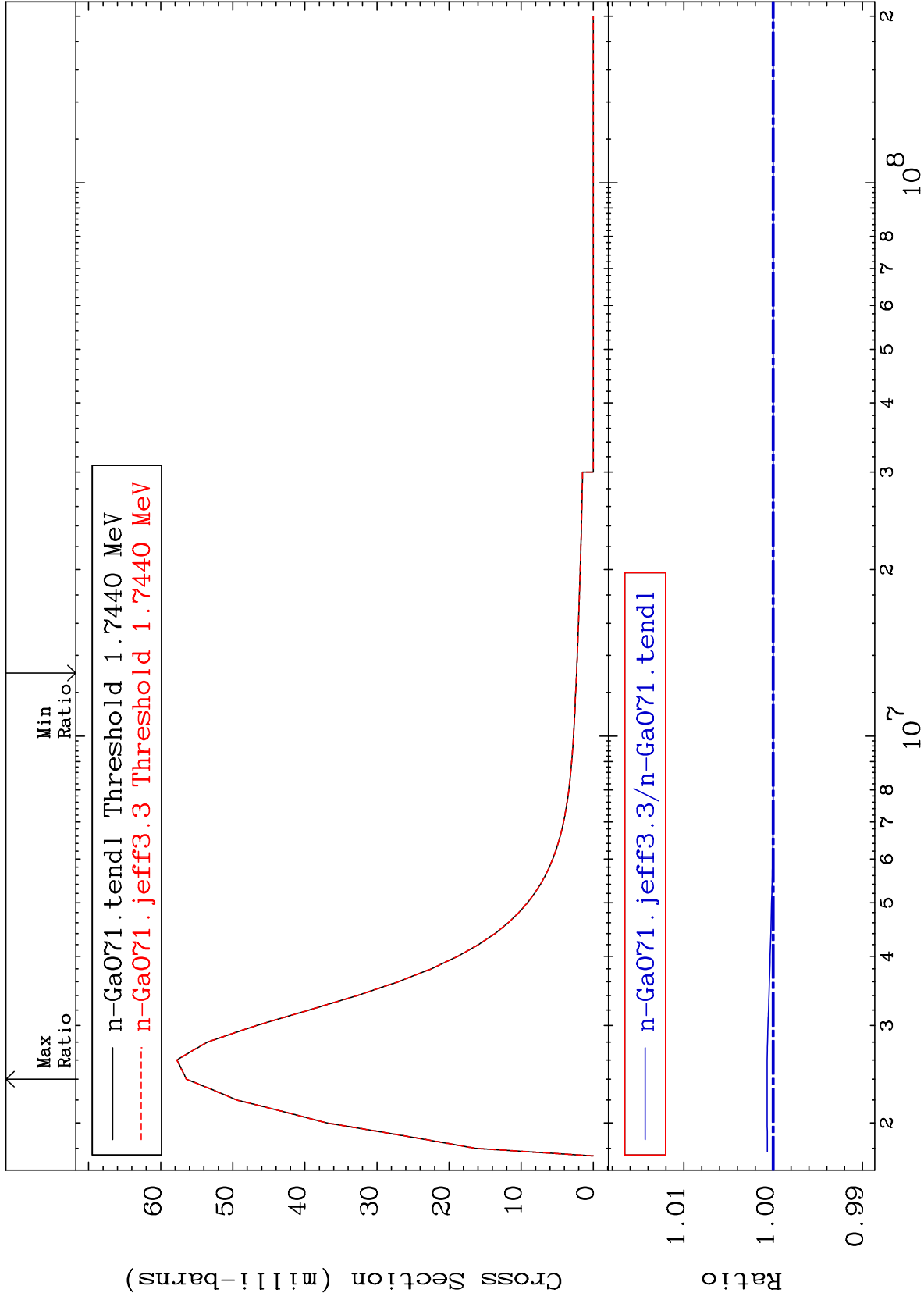
MAT 3131

MT= 64 (n,n') Level
Cross Section

31-Ga-71
0.000 To 0.053 %



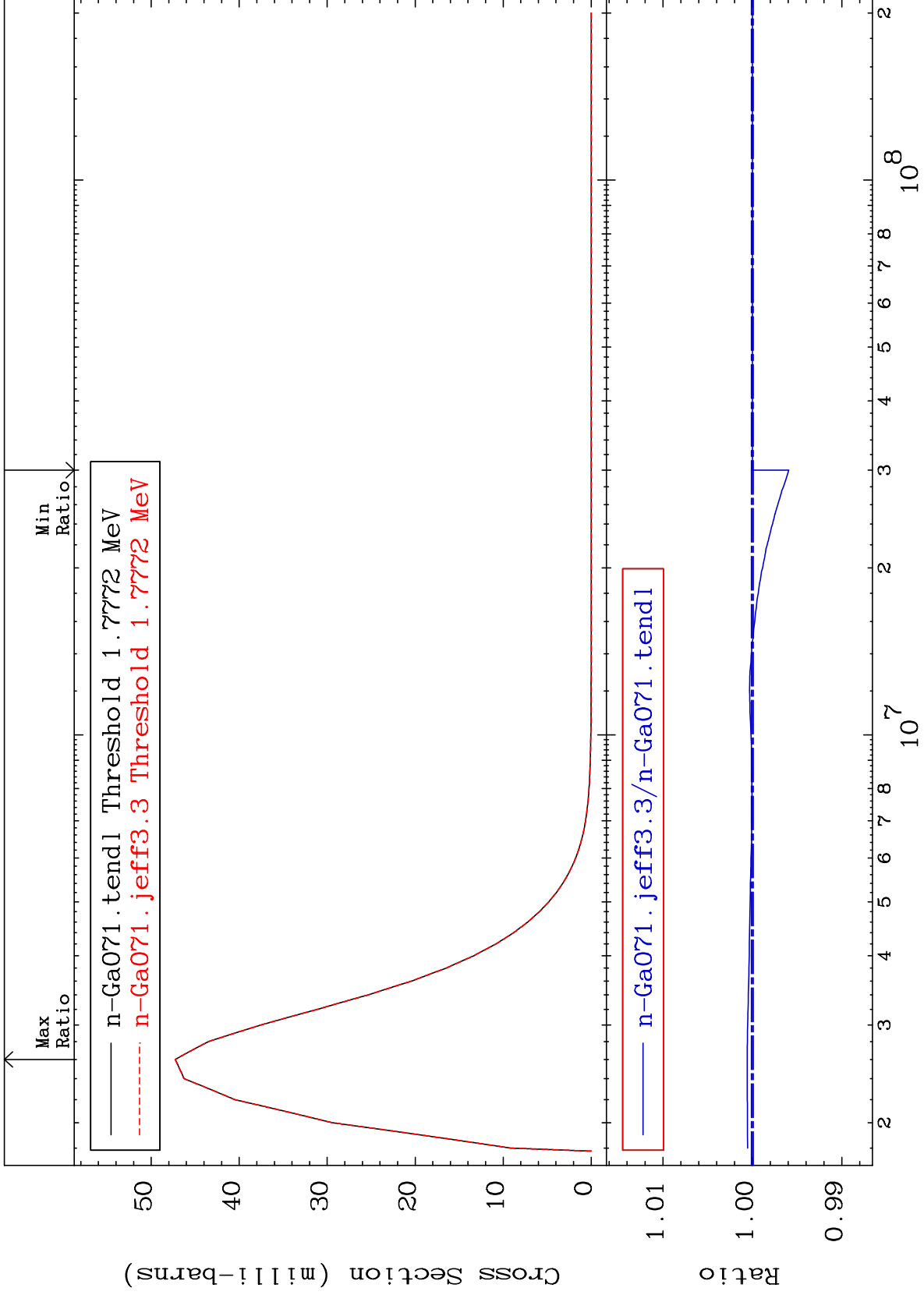
MAT 3131 MT= 65 (n,n') Level Cross Section 31-Ga-71 To 0.067 %



MAT 3131

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

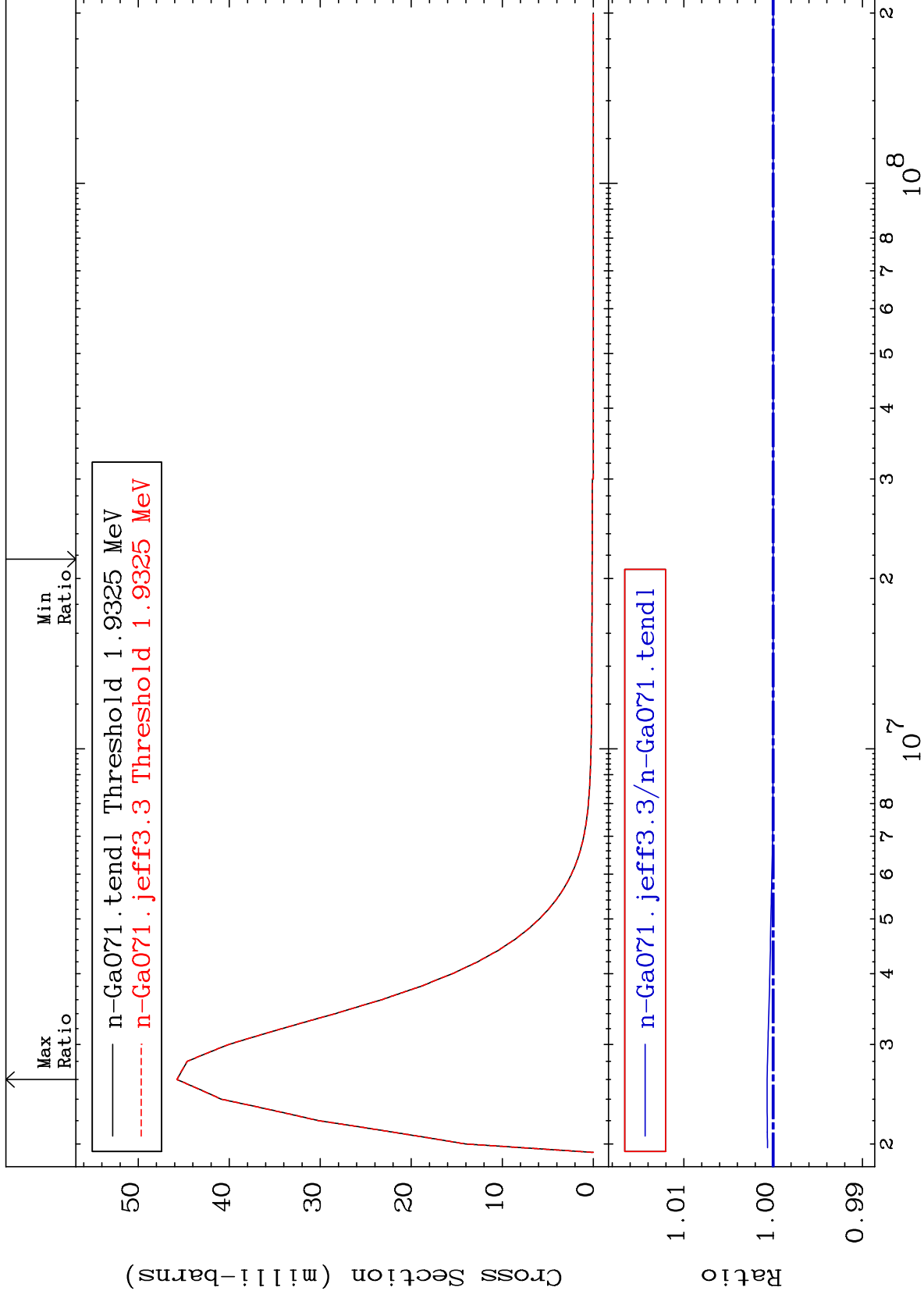
31-Ga-71
-0.407 To 0.058 %



MAT 3131

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

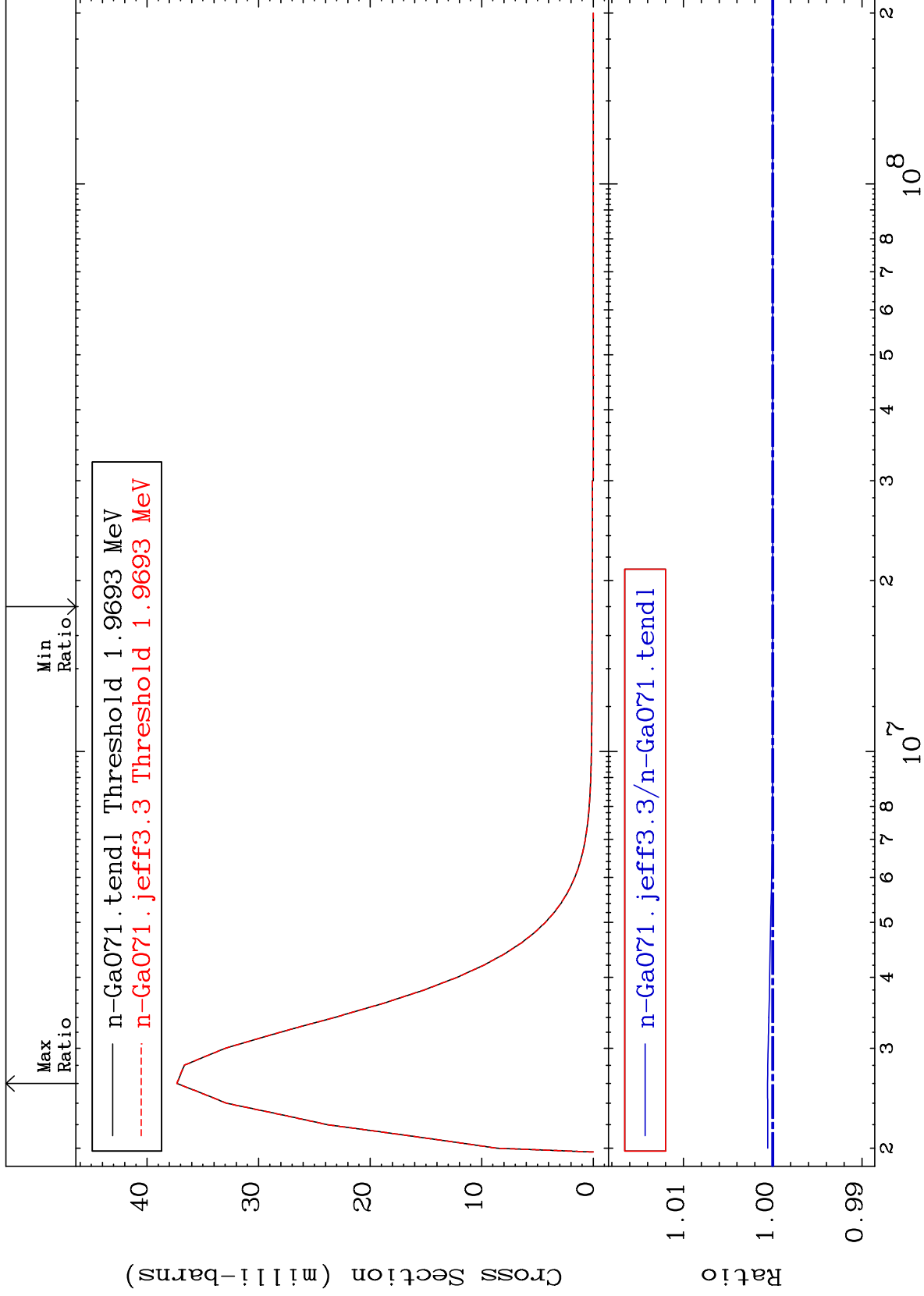
31-Ga-71
0.000 To 0.068 %



MAT 3131

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

31-Ga-71
0.000 To 0.058 %



37

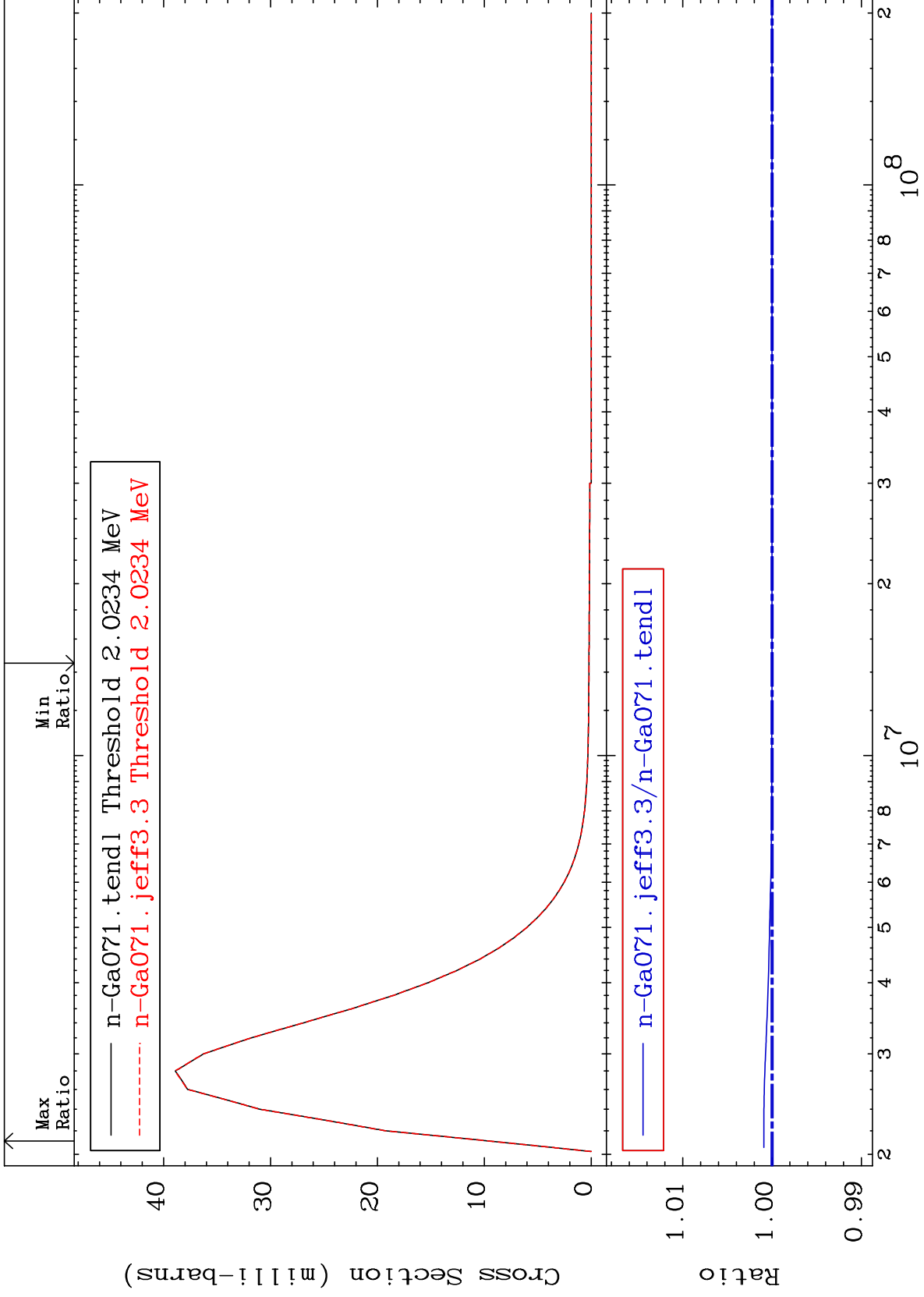
Incident Energy (eV)

31-Ga-71

MAT 3131

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

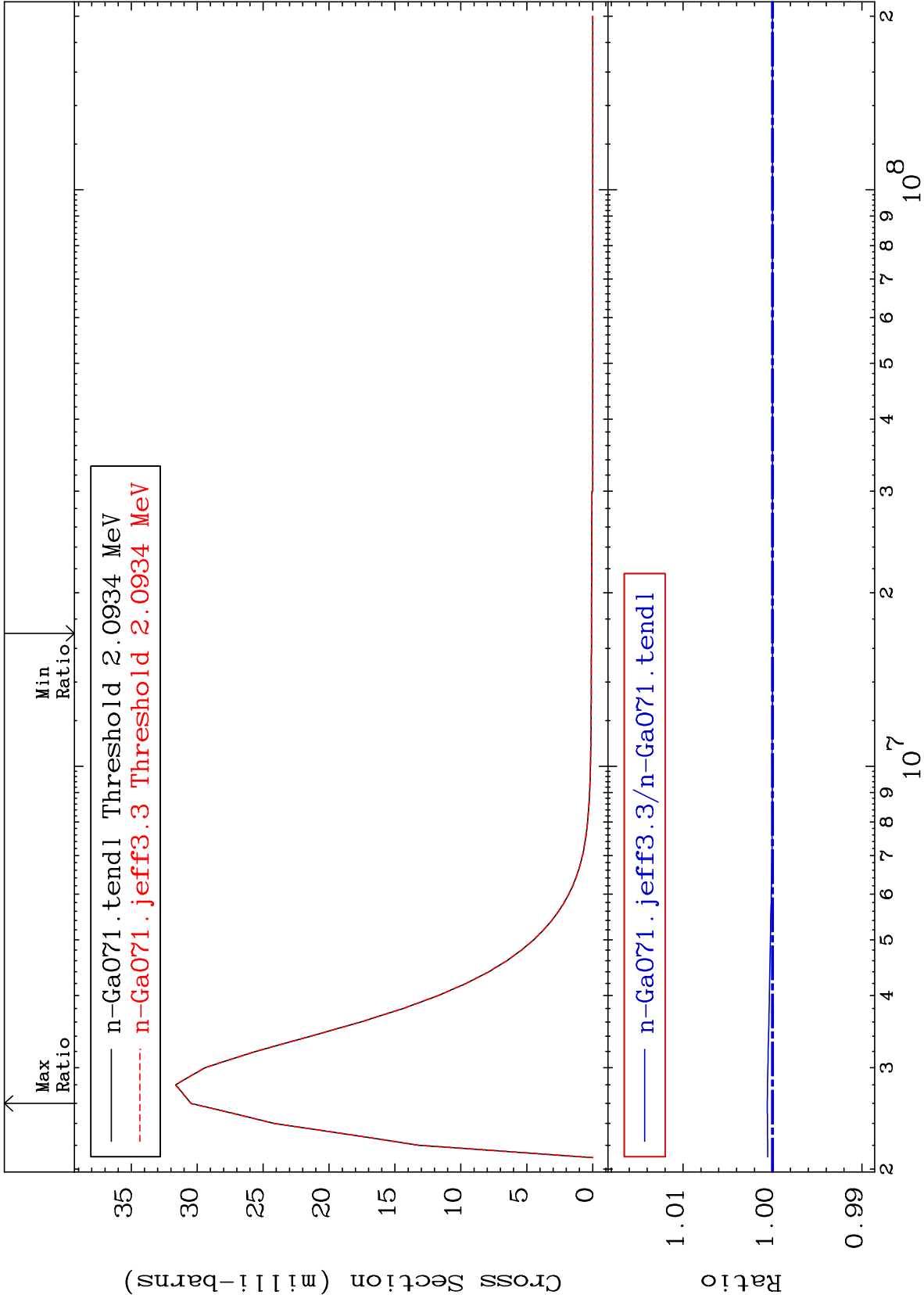
31-Ga-71
0.000 To 0.092 %



MAT 3131

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

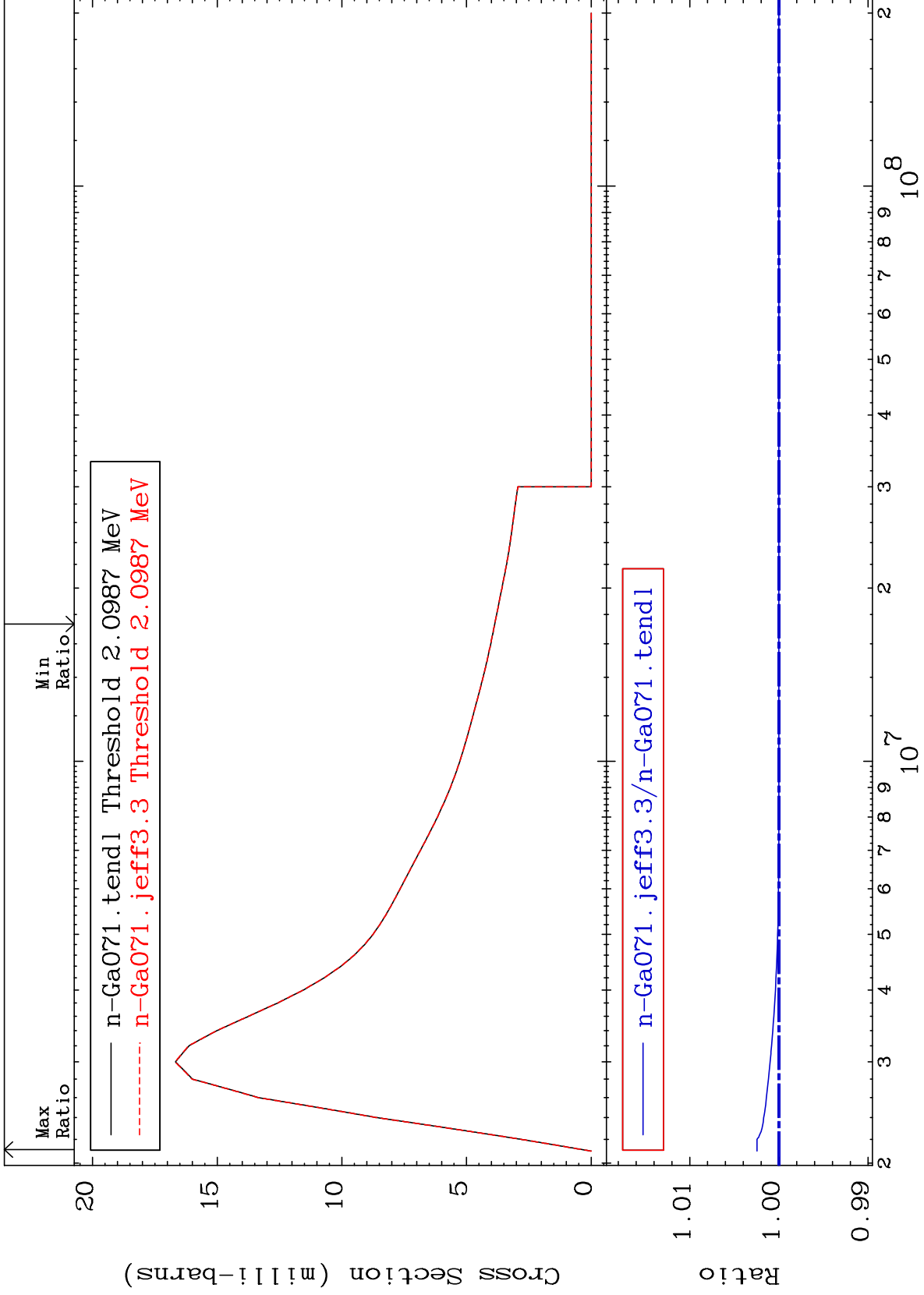
31-Ga-71
0.000 To 0.058 %



MAT 3131

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

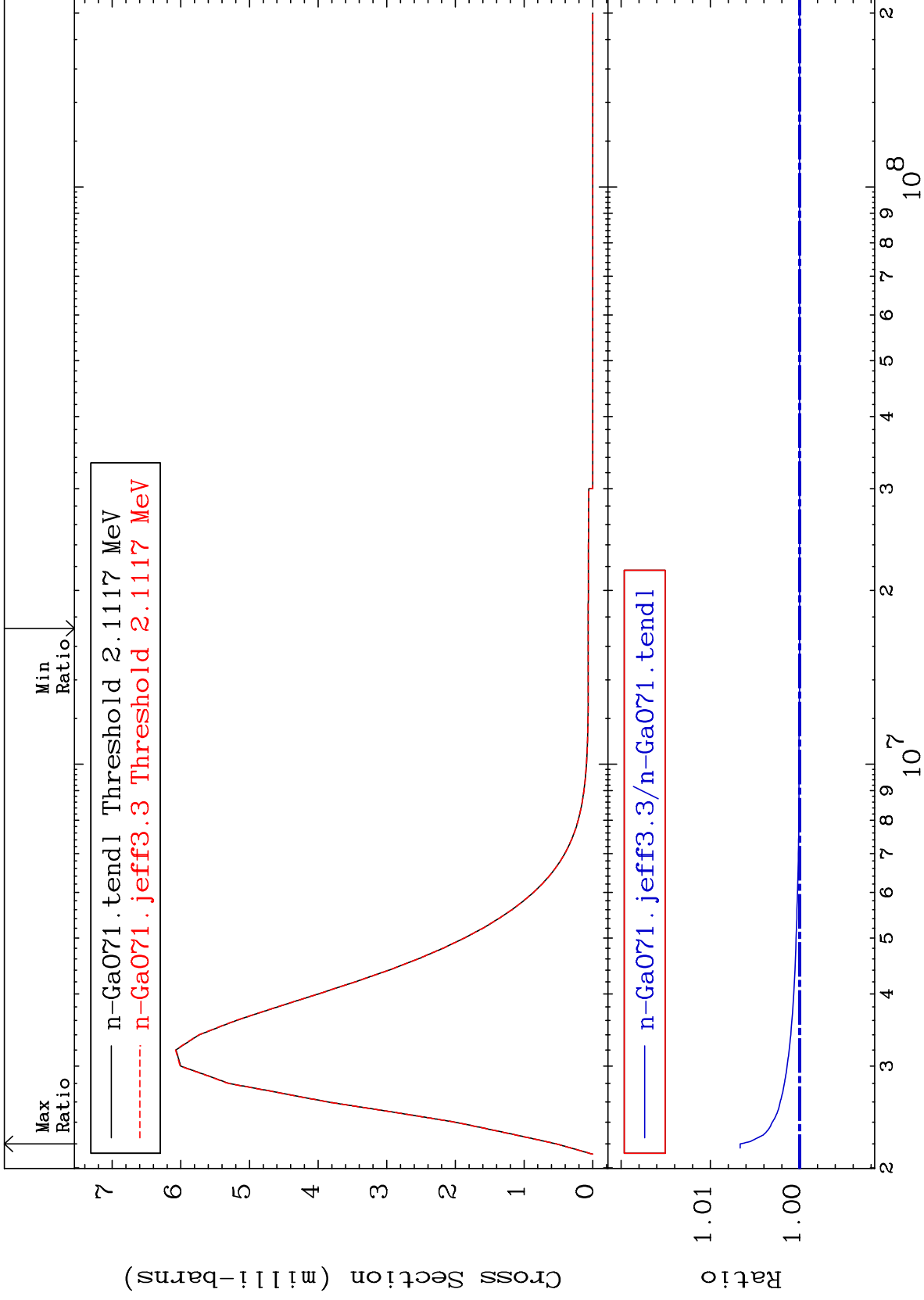
31-Ga-71
0.000 To 0.246 %



MAT 3131

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

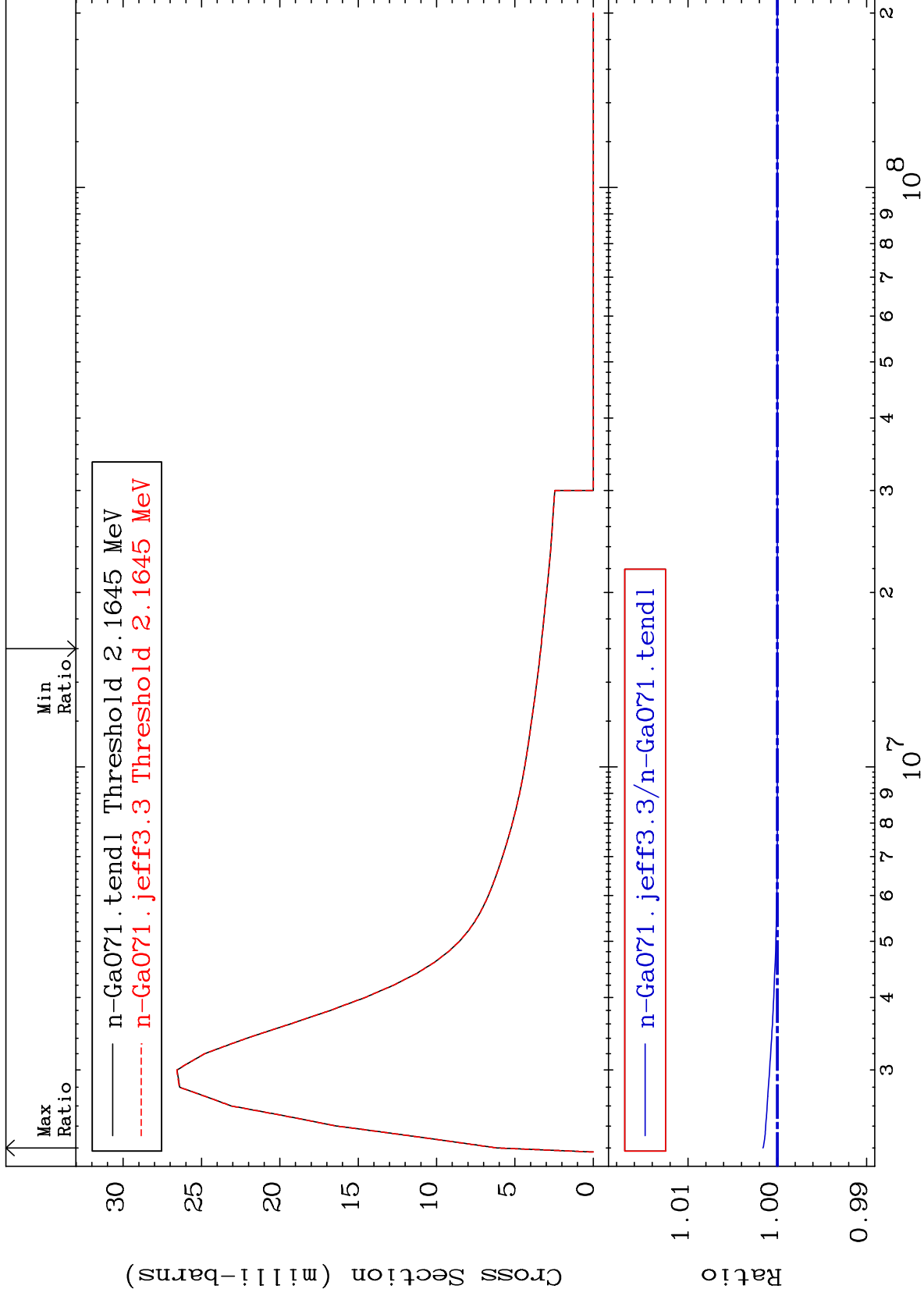
31-Ga-71
0.000 To 0.667 %



MAT 3131

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

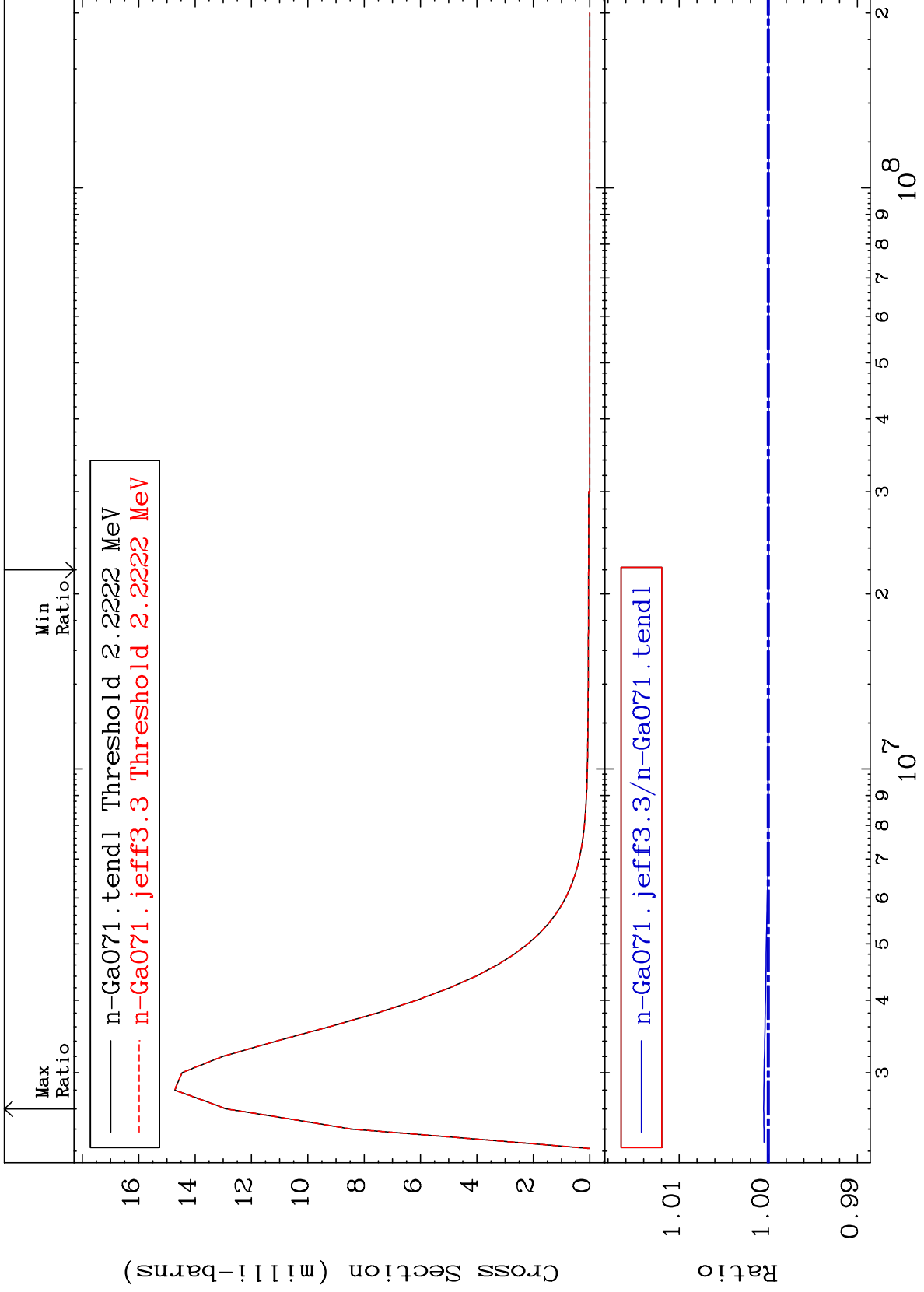
31-Ga-71
0.000 To 0.160 %



MAT 3131

MT= 74 (n,n') Level
Cross Section

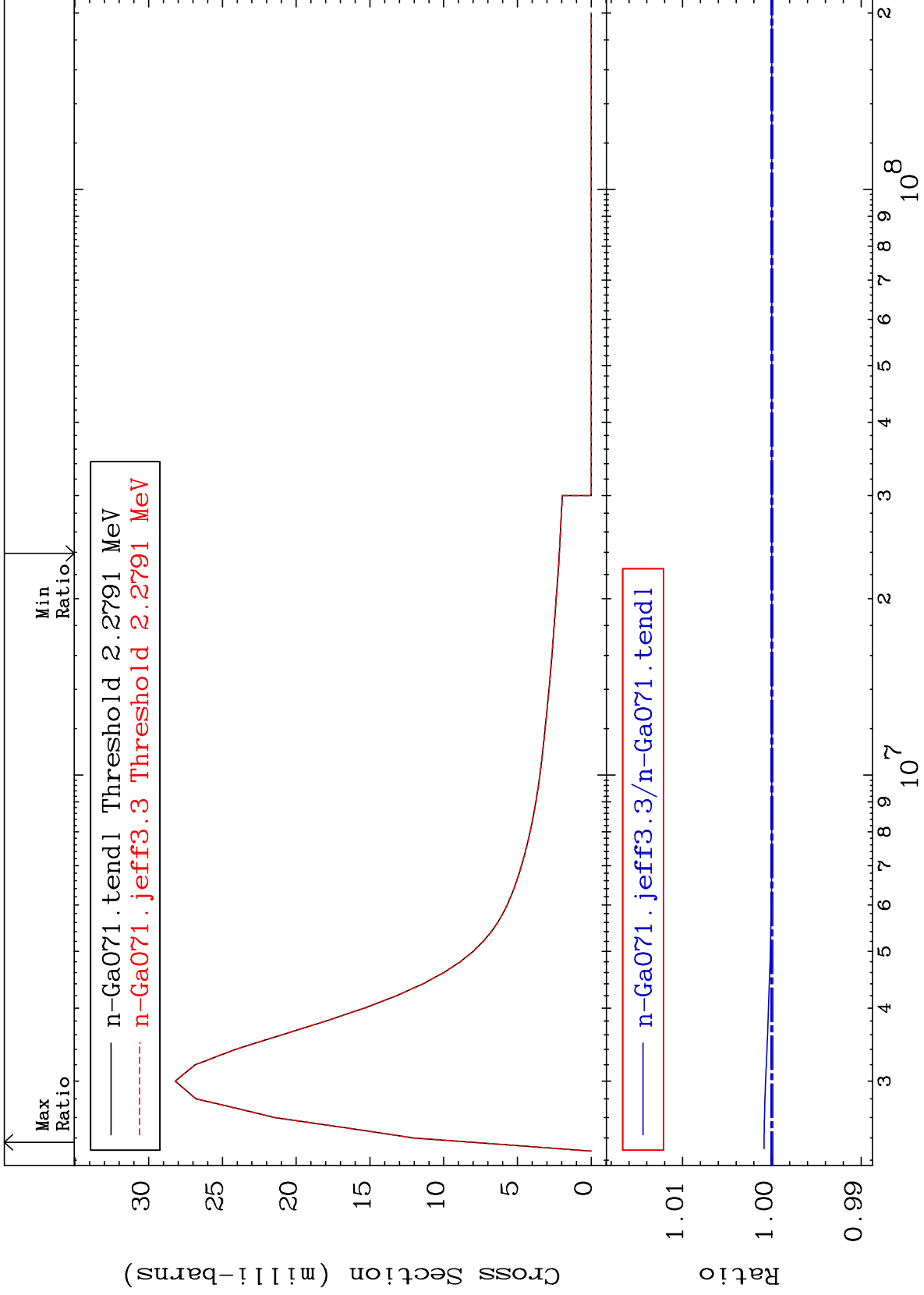
31-Ga-71
0.000 To 0.052 %



MAT 3131

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

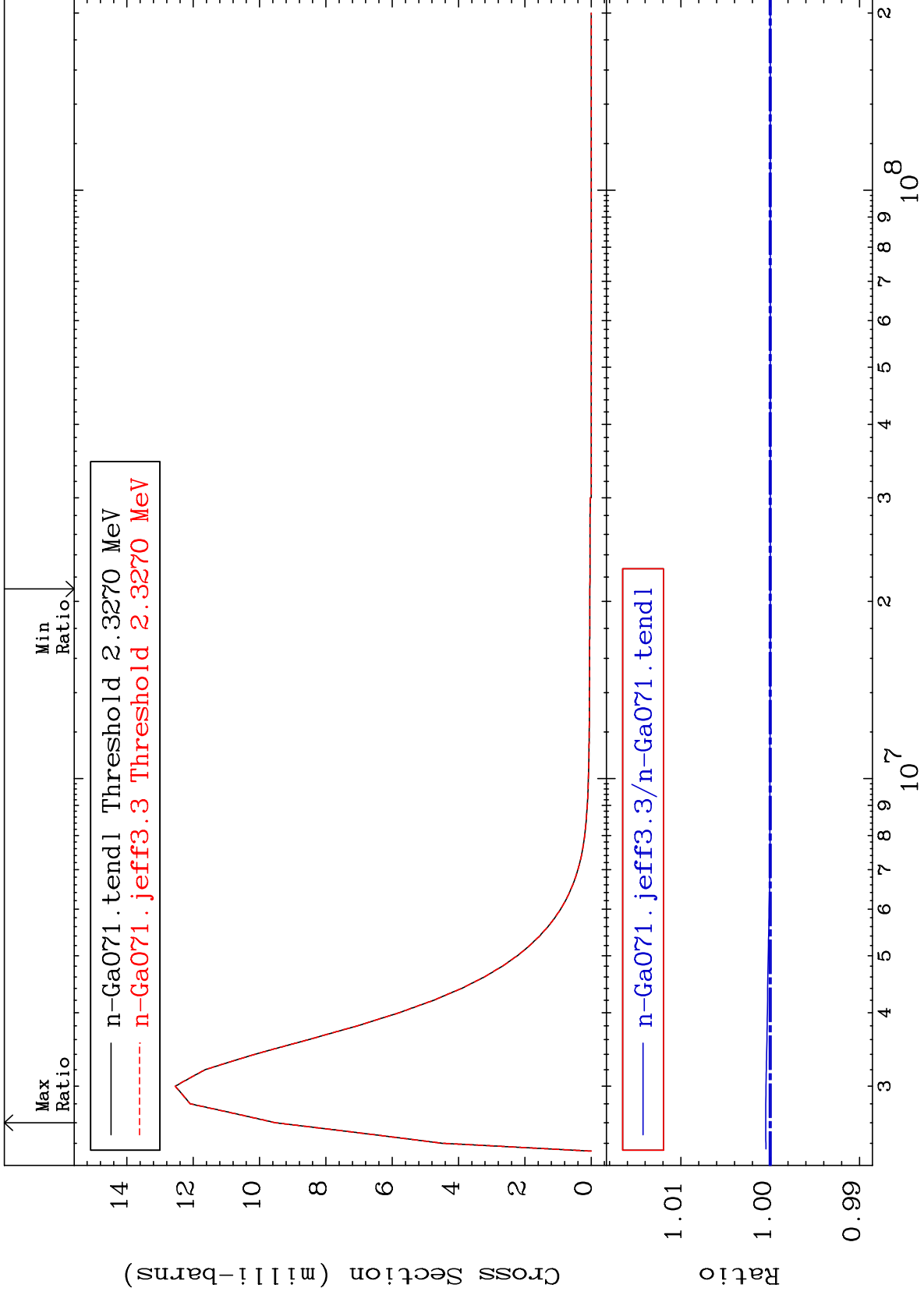
31-Ga-71
0.000 To 0.087 %



MAT 3131

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

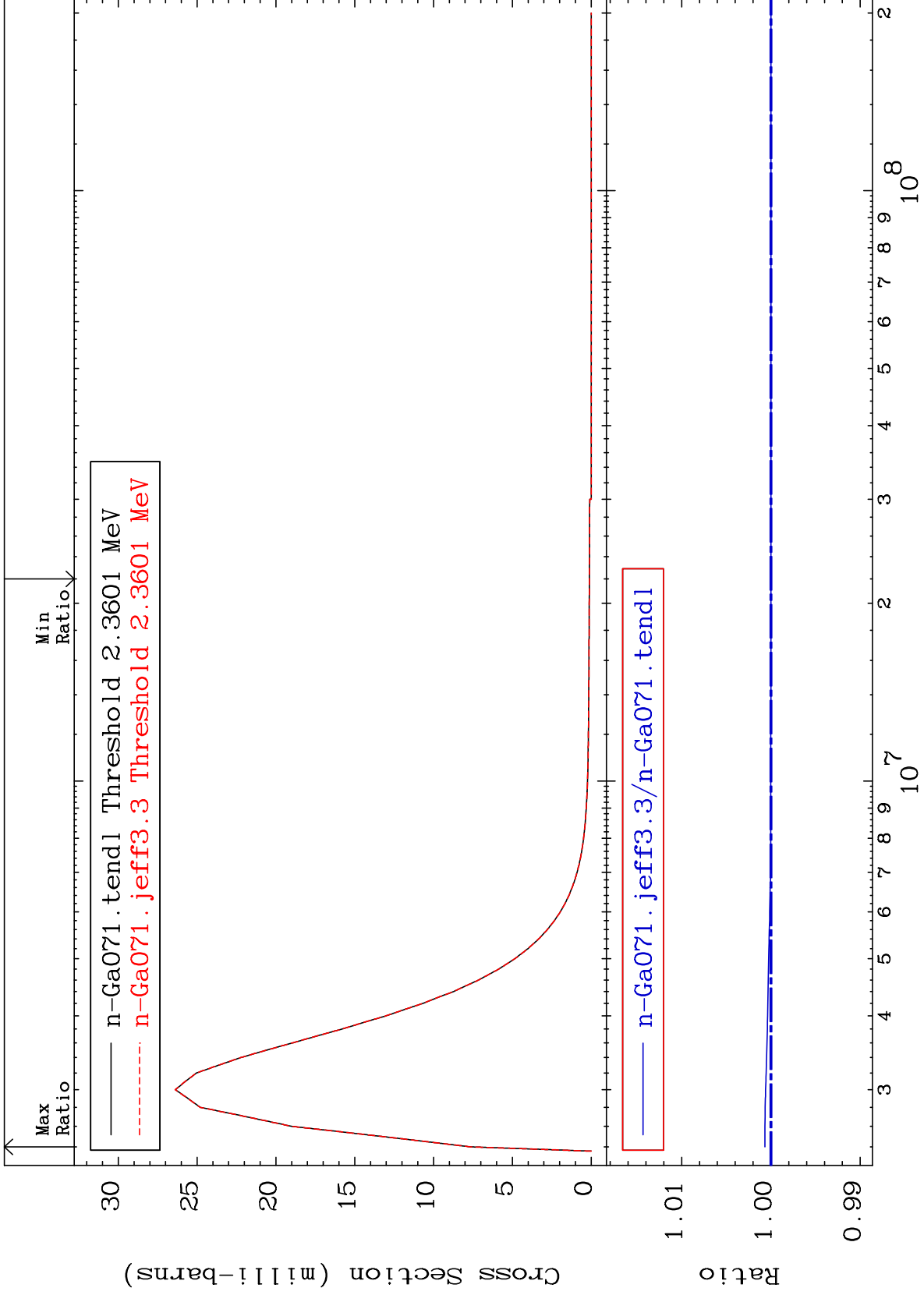
31-Ga-71
0.000 To 0.051 %



MAT 3131

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

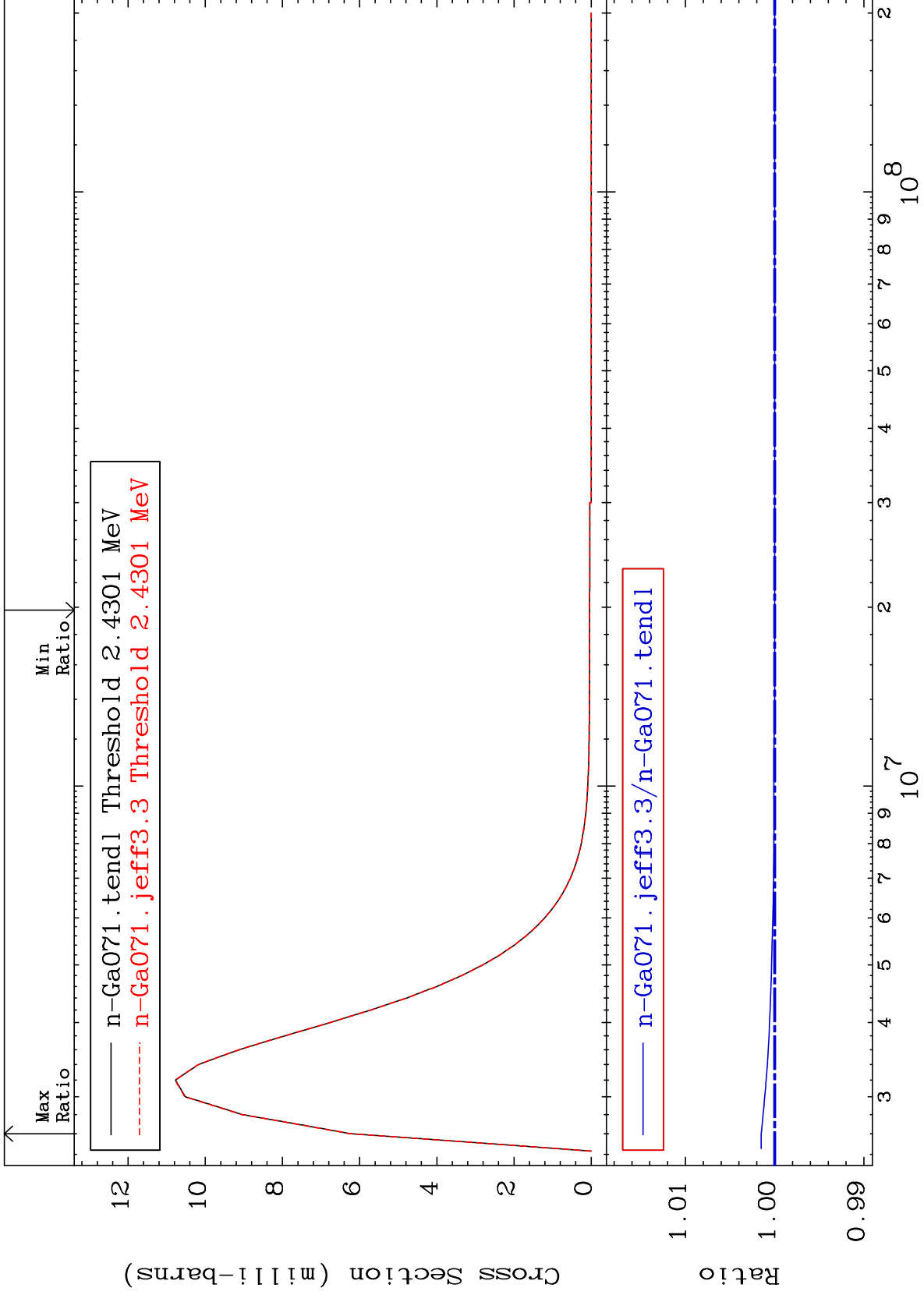
31-Ga-71
0.000 To 0.068 %



MAT 3131

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

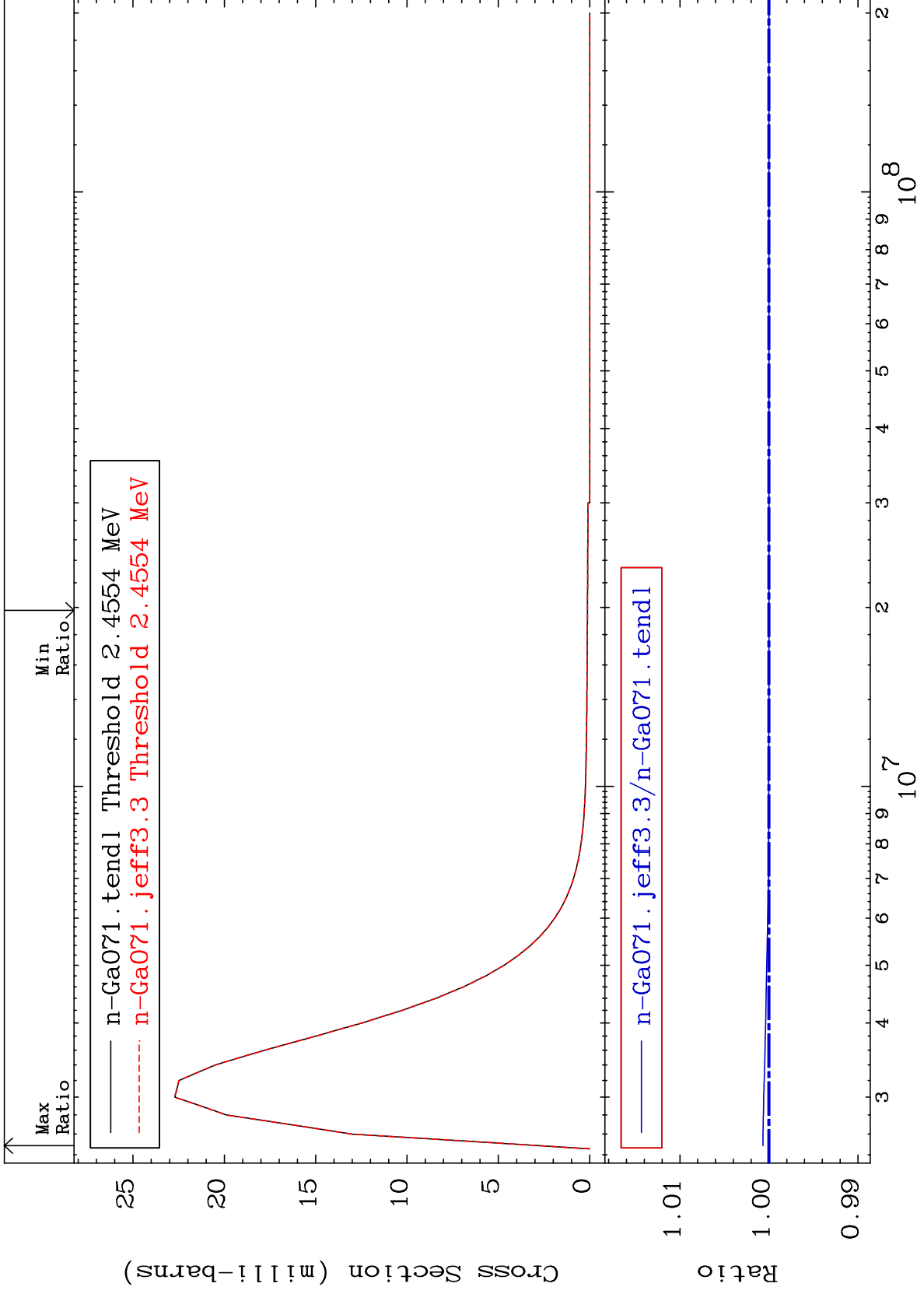
31-Ga-71
0.000 To 0.152 %



MAT 3131

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

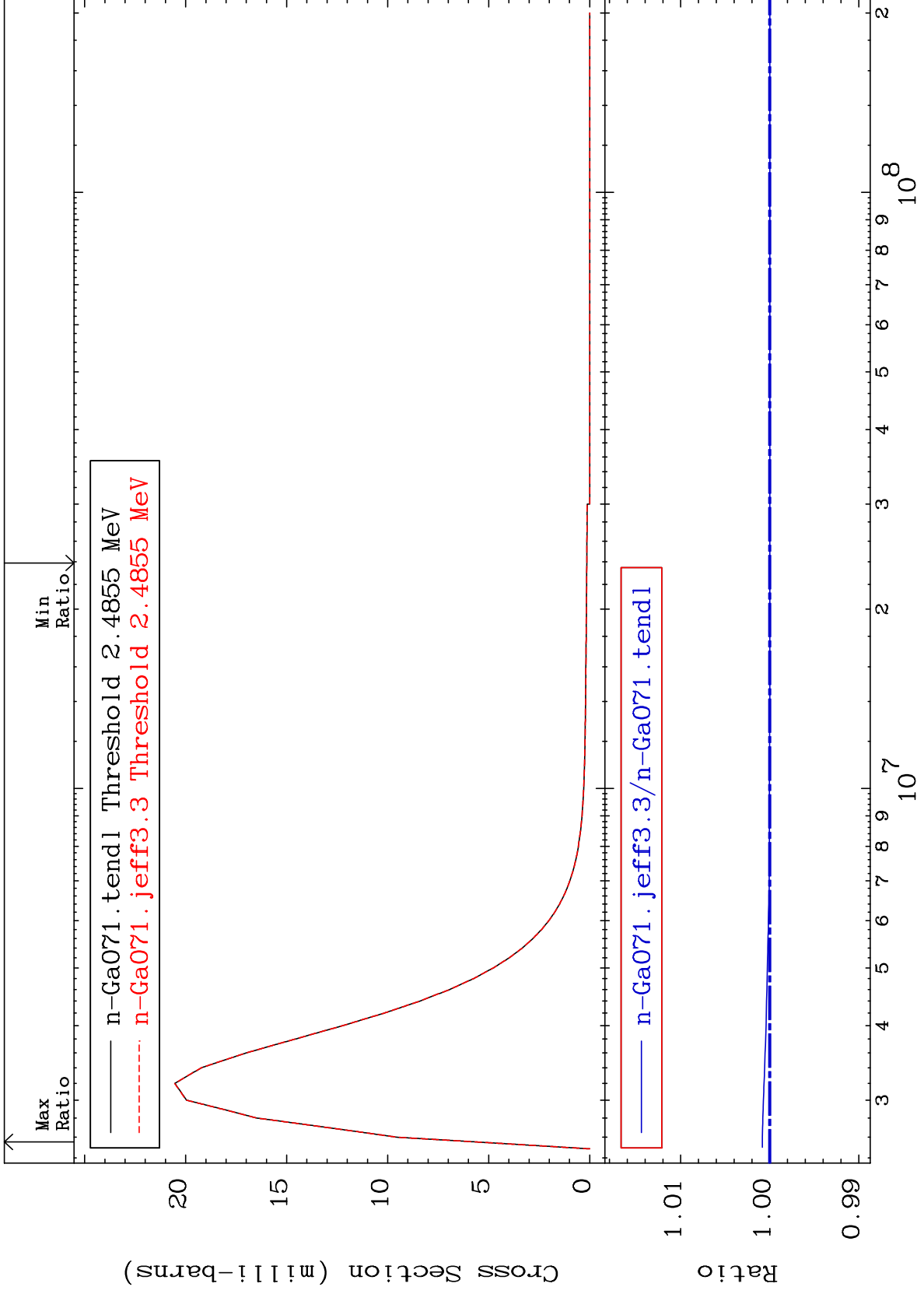
31-Ga-71
0.000 To 0.066 %



MAT 3131

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

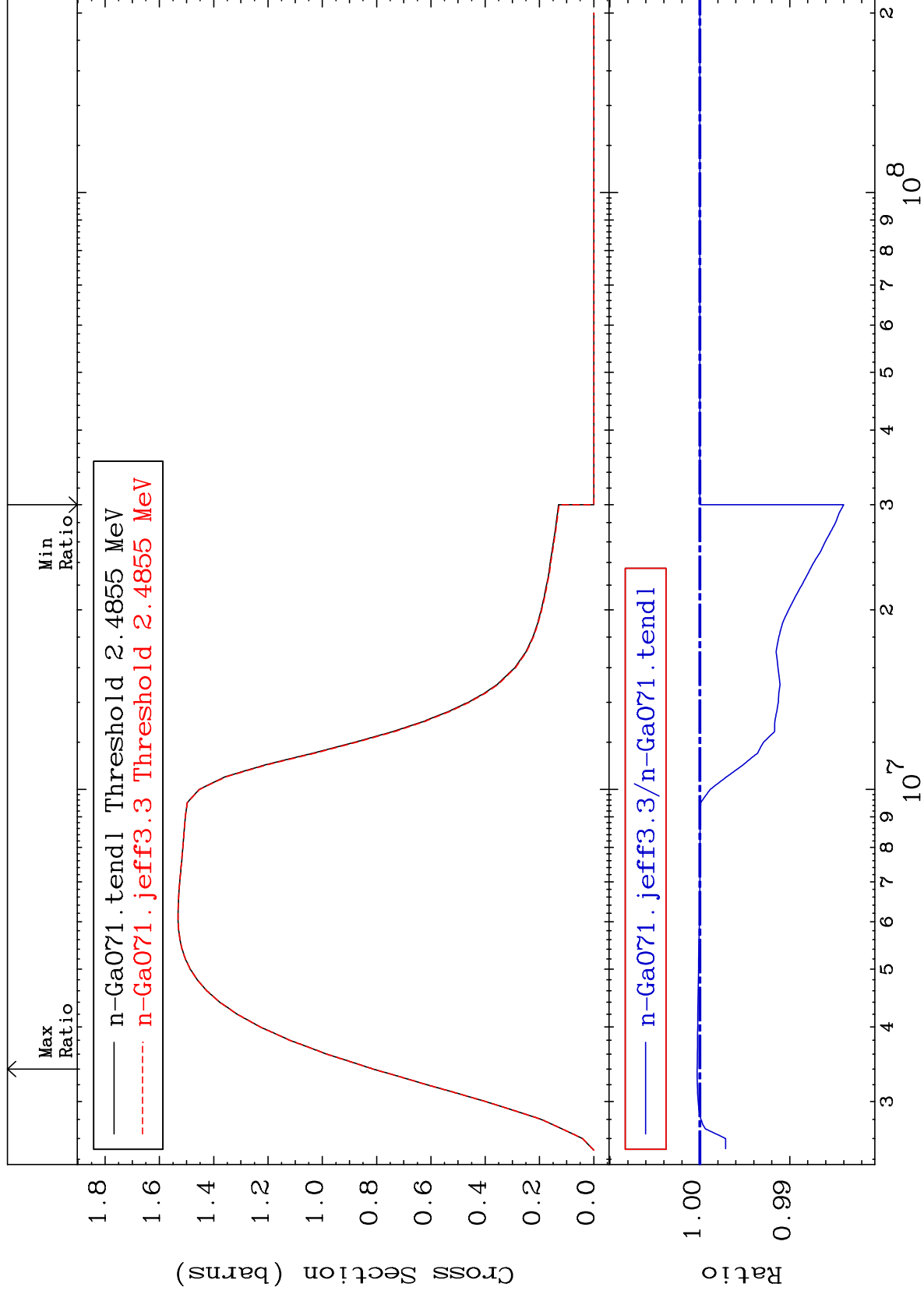
31-Ga-71
0.000 To 0.084 %

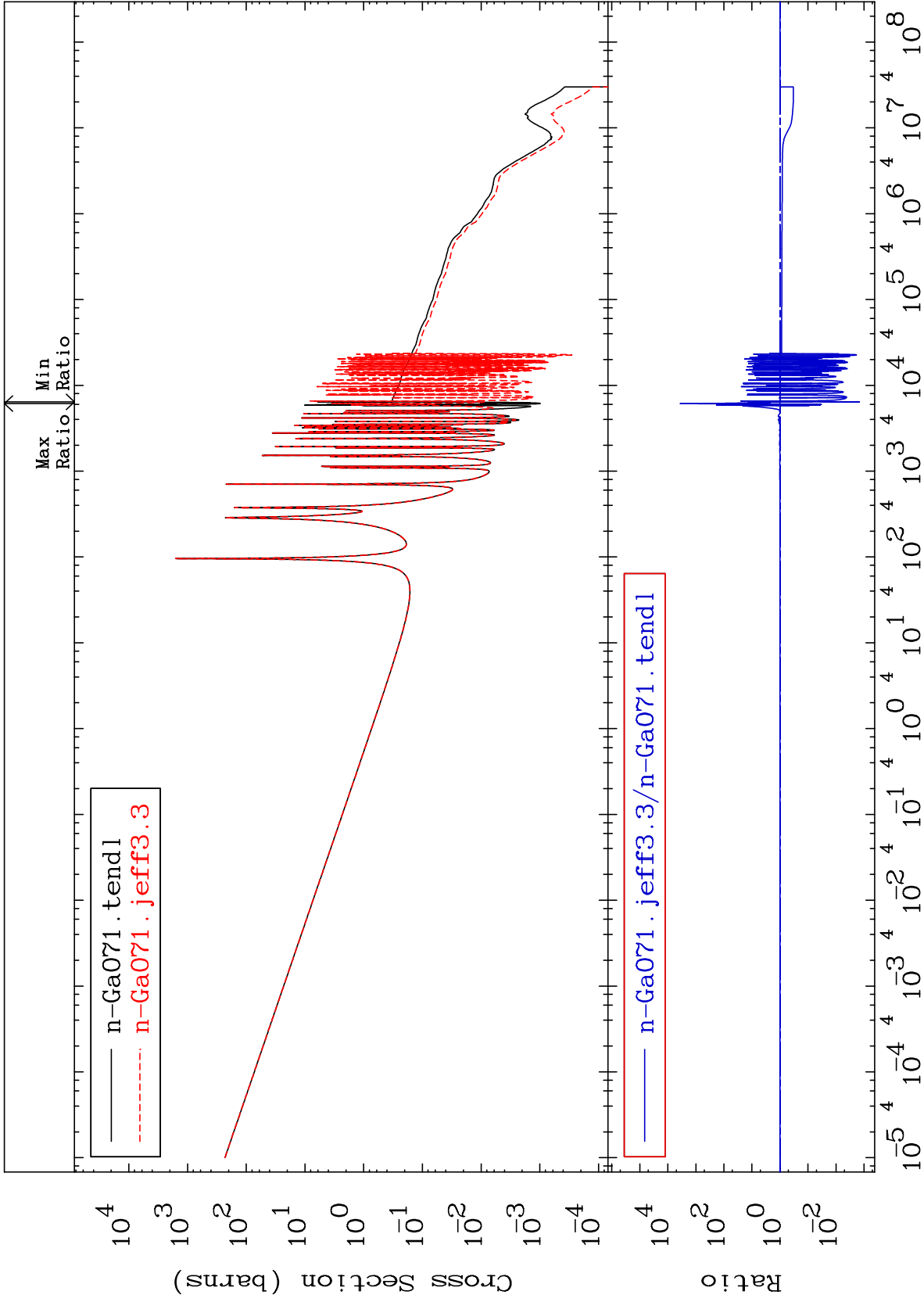


MAT 3131

(n, n') Continuum
Cross Section

31-Ga-71
-1.599 To 0.030 %

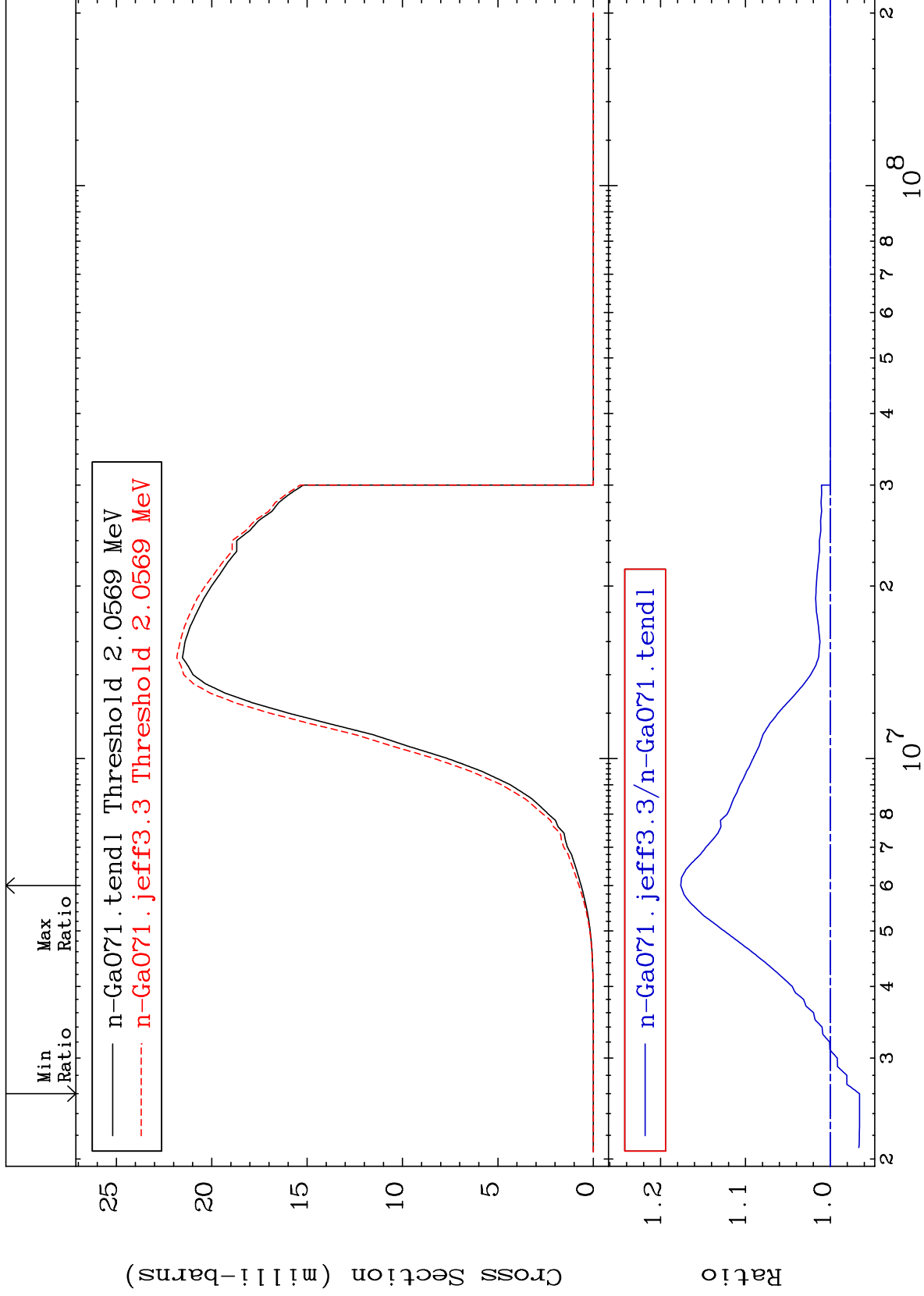




MAT 3131

(n, p)
Cross Section

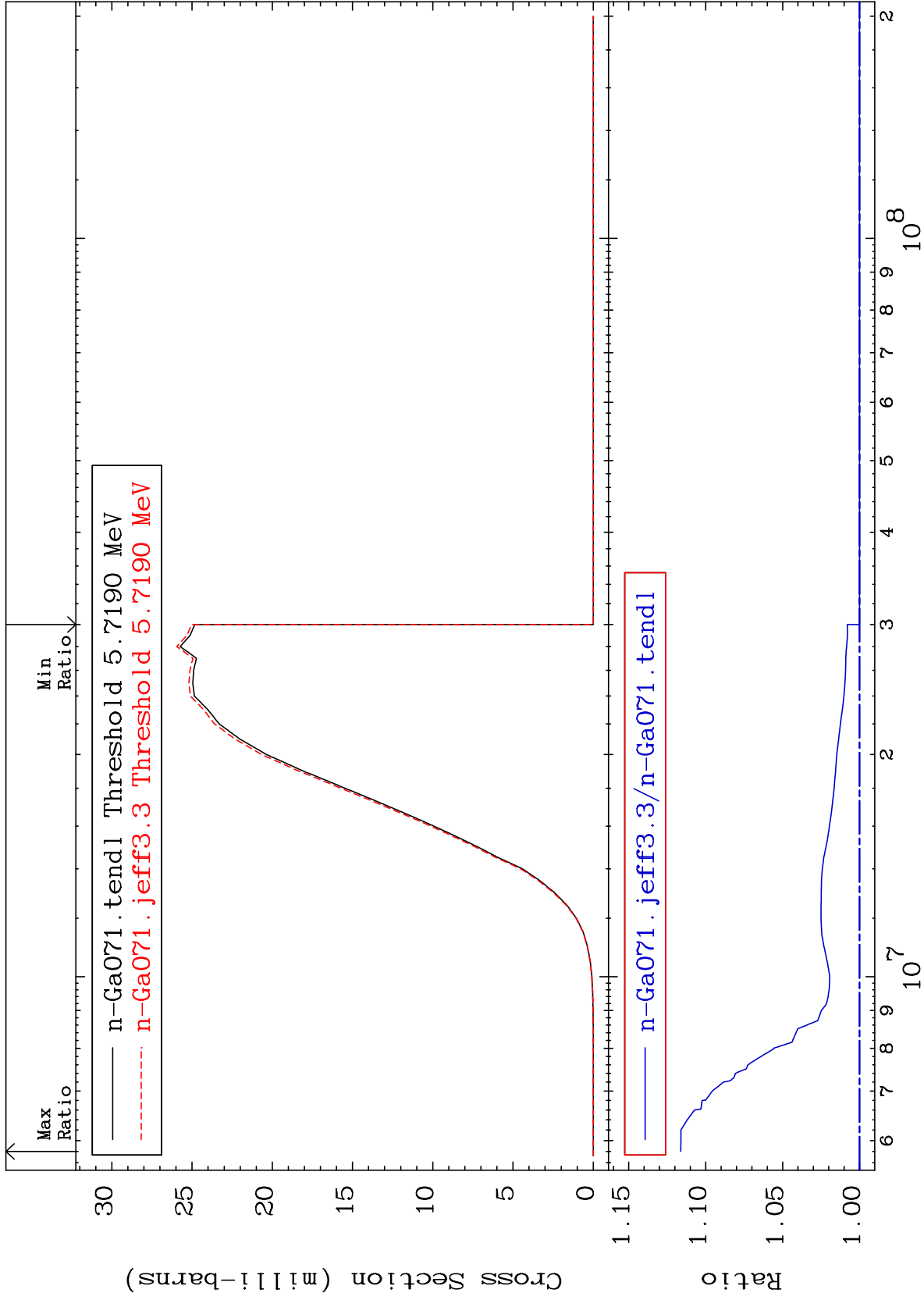
³¹Ga-71
-3.437 To 17.63 %



MAT 3131

31-Ga-71

(n, d)
Cross Section
0.000 To 11.62 %

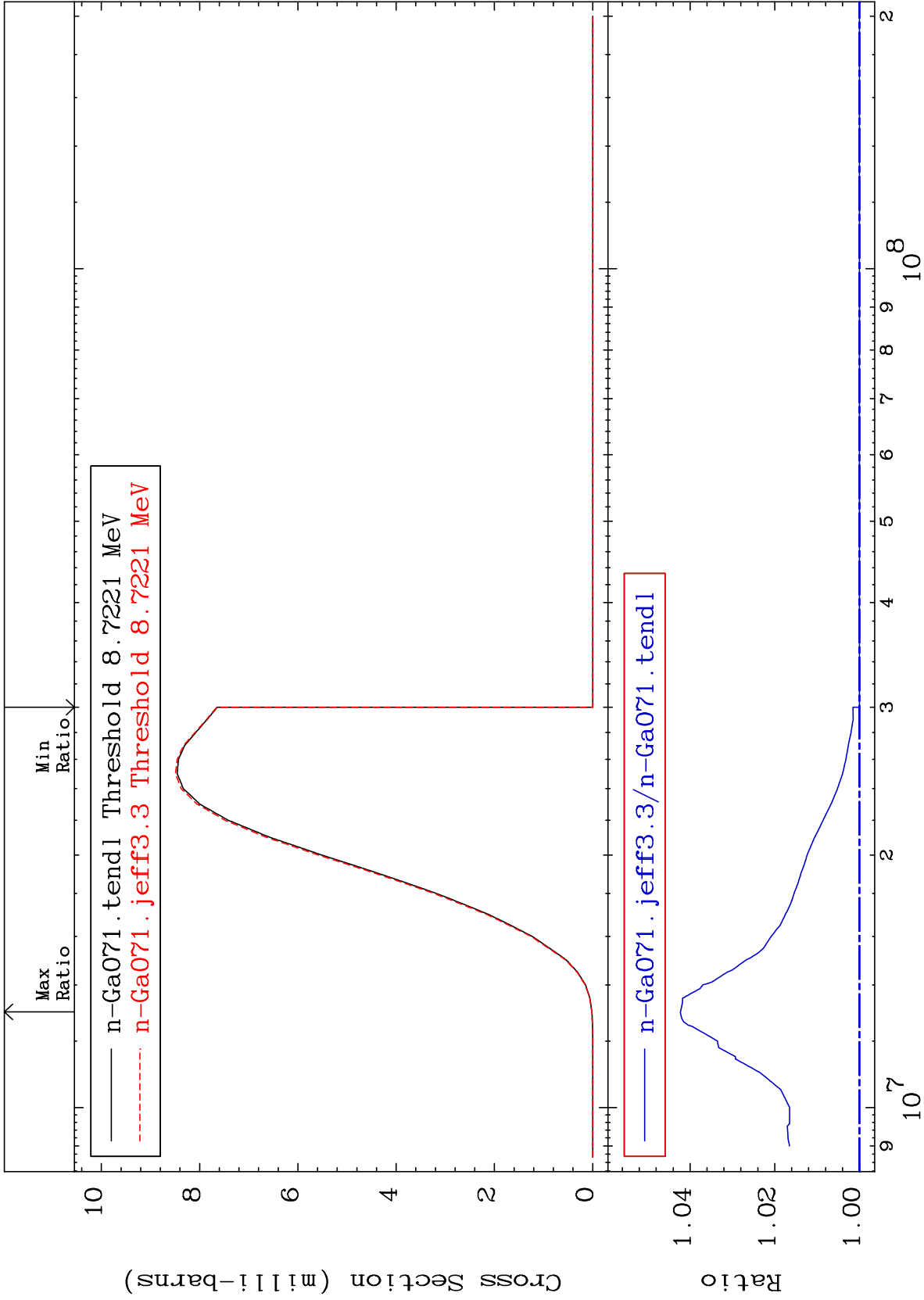


MAT 3131

31-Ga-71

0.000 To 4.230 %

(n, t)
Cross Section



54

Incident Energy (eV)

31-Ga-71

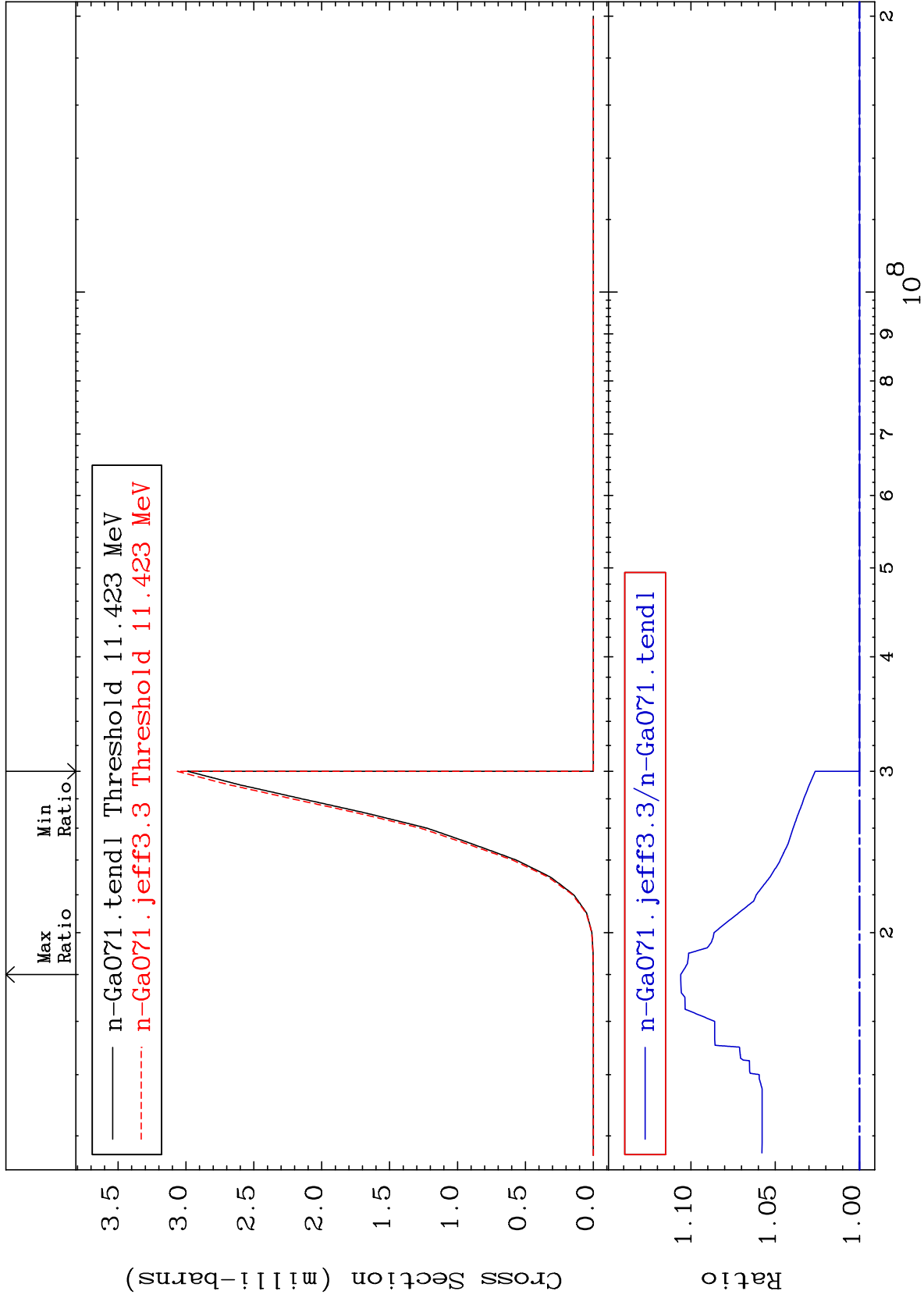
MAT 3131

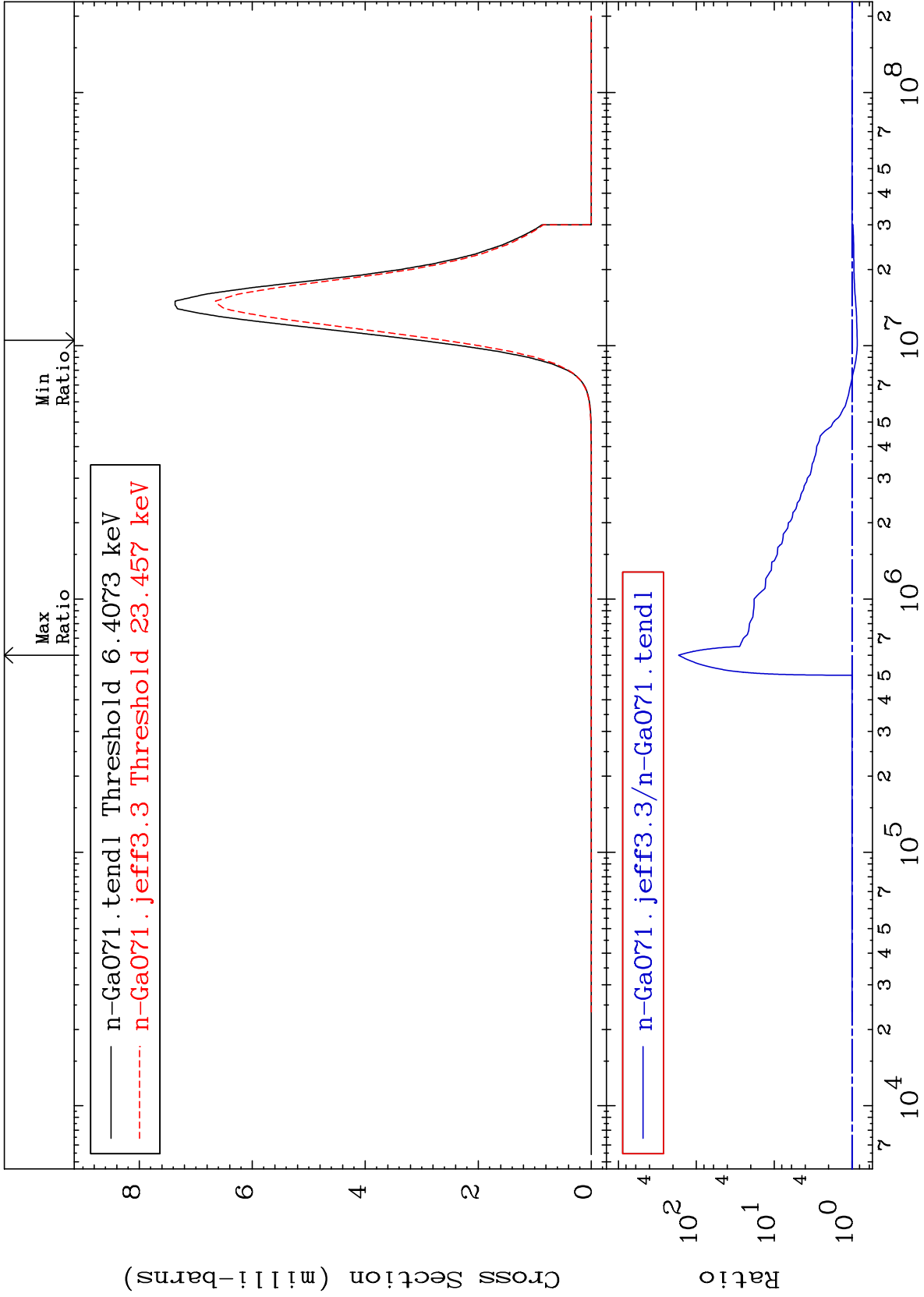
(n, He-3)

31-Ga-71

Cross Section

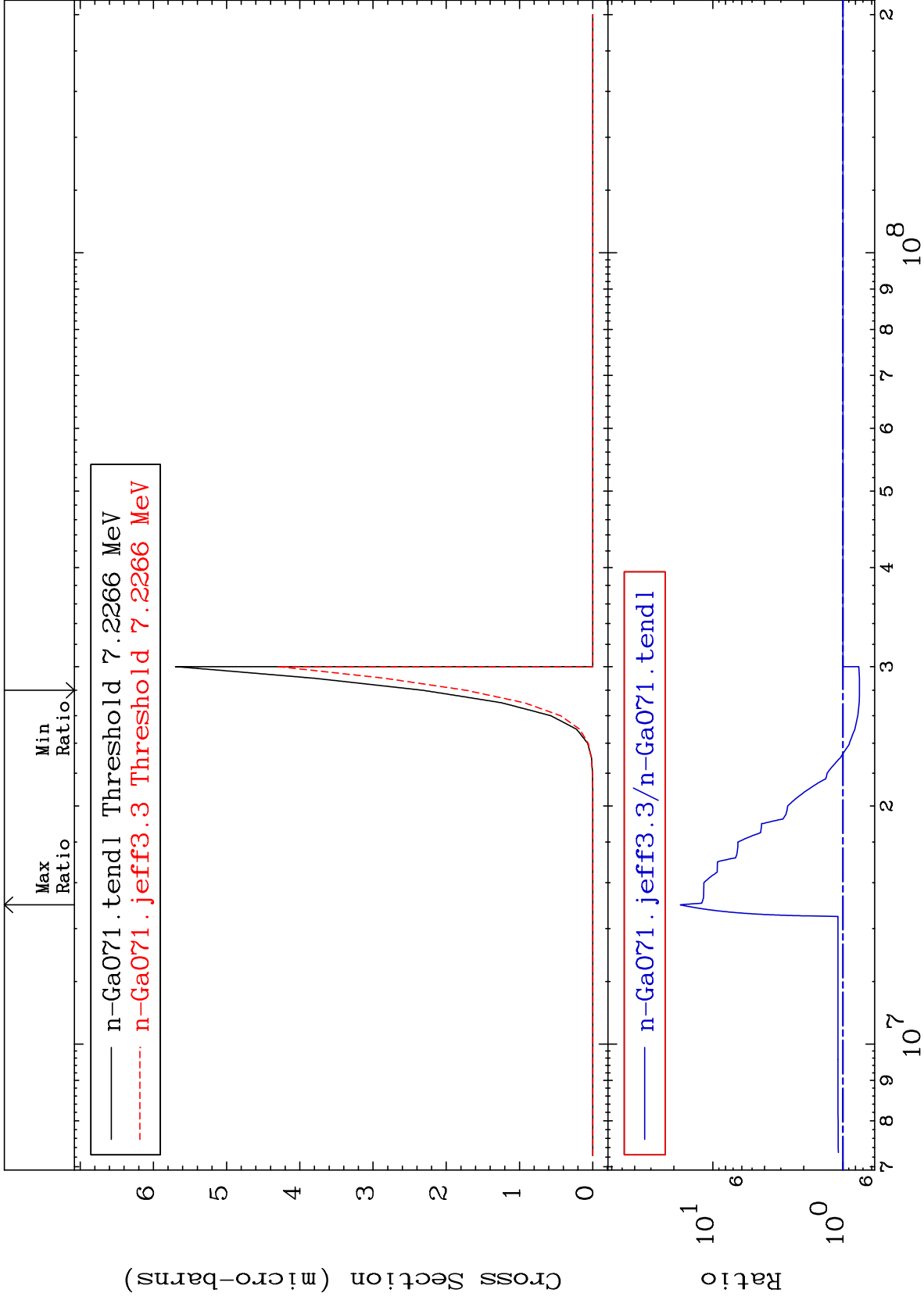
0.000 To 10.61 %

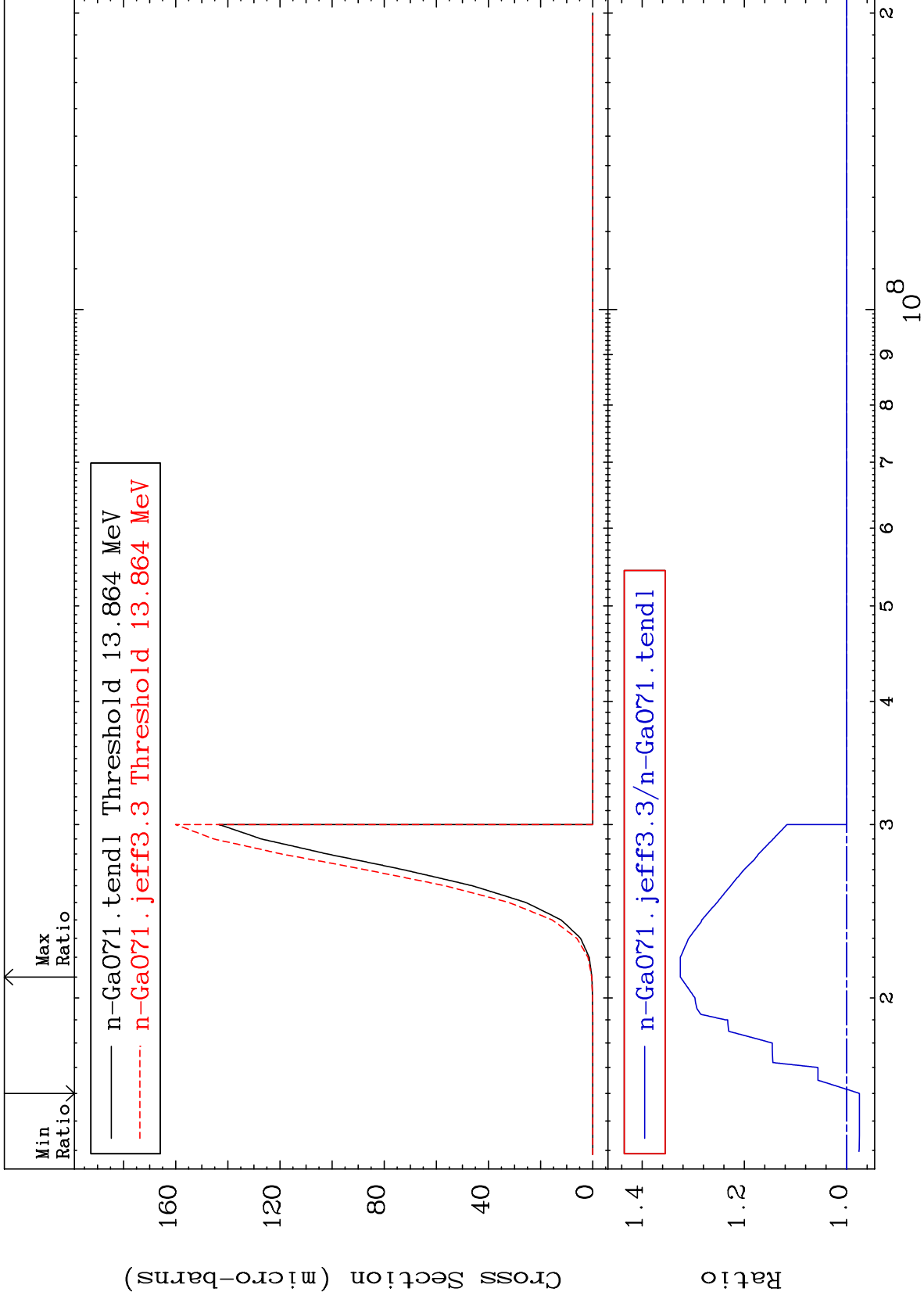




Cross Section

-25.41 To 1681. %





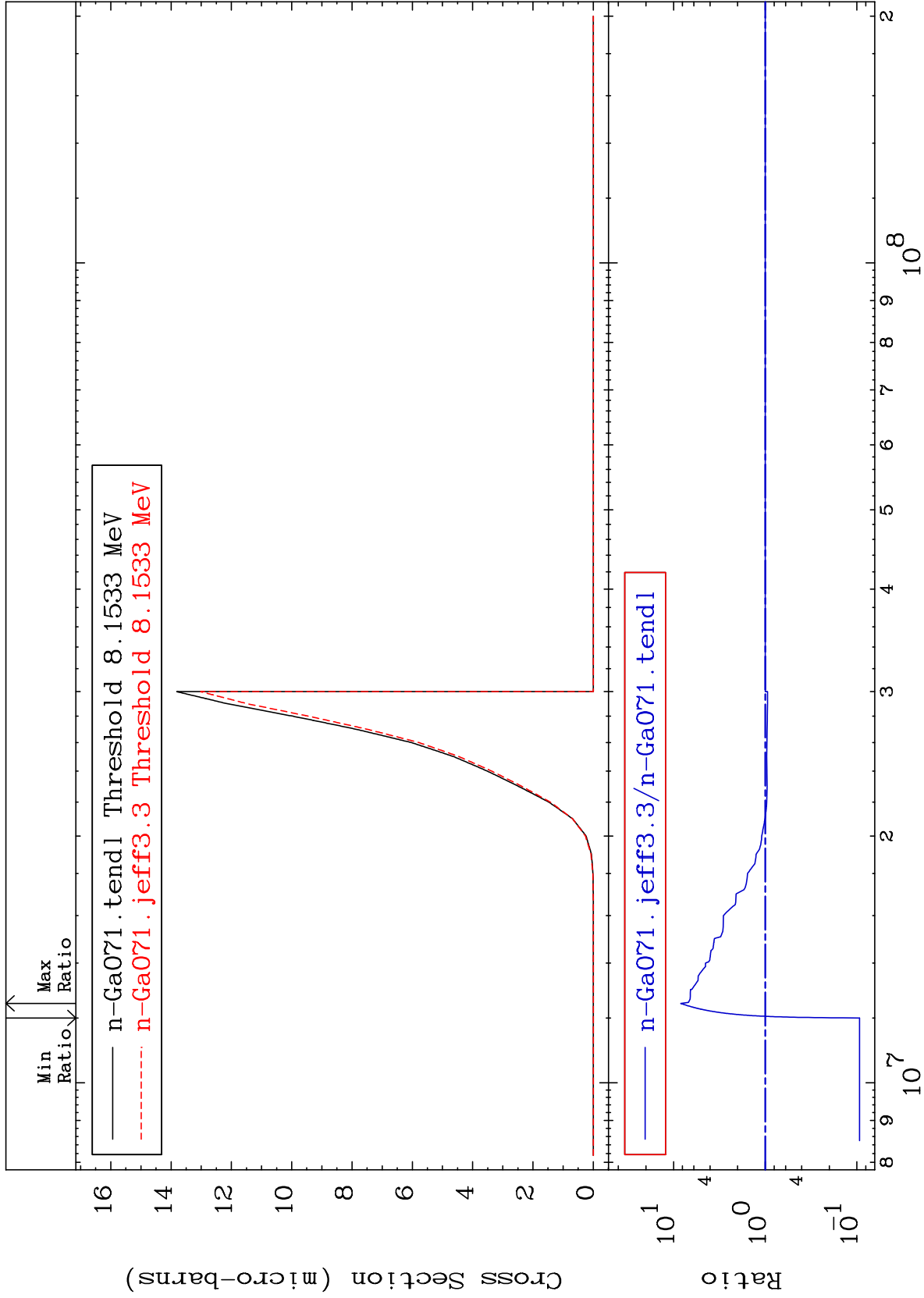
MAT 3131

(n, p) α

³¹Ga-71

Cross Section

-90.64 To 734.1 %



59

Incident Energy (eV)

³¹Ga-71

MAT 3131

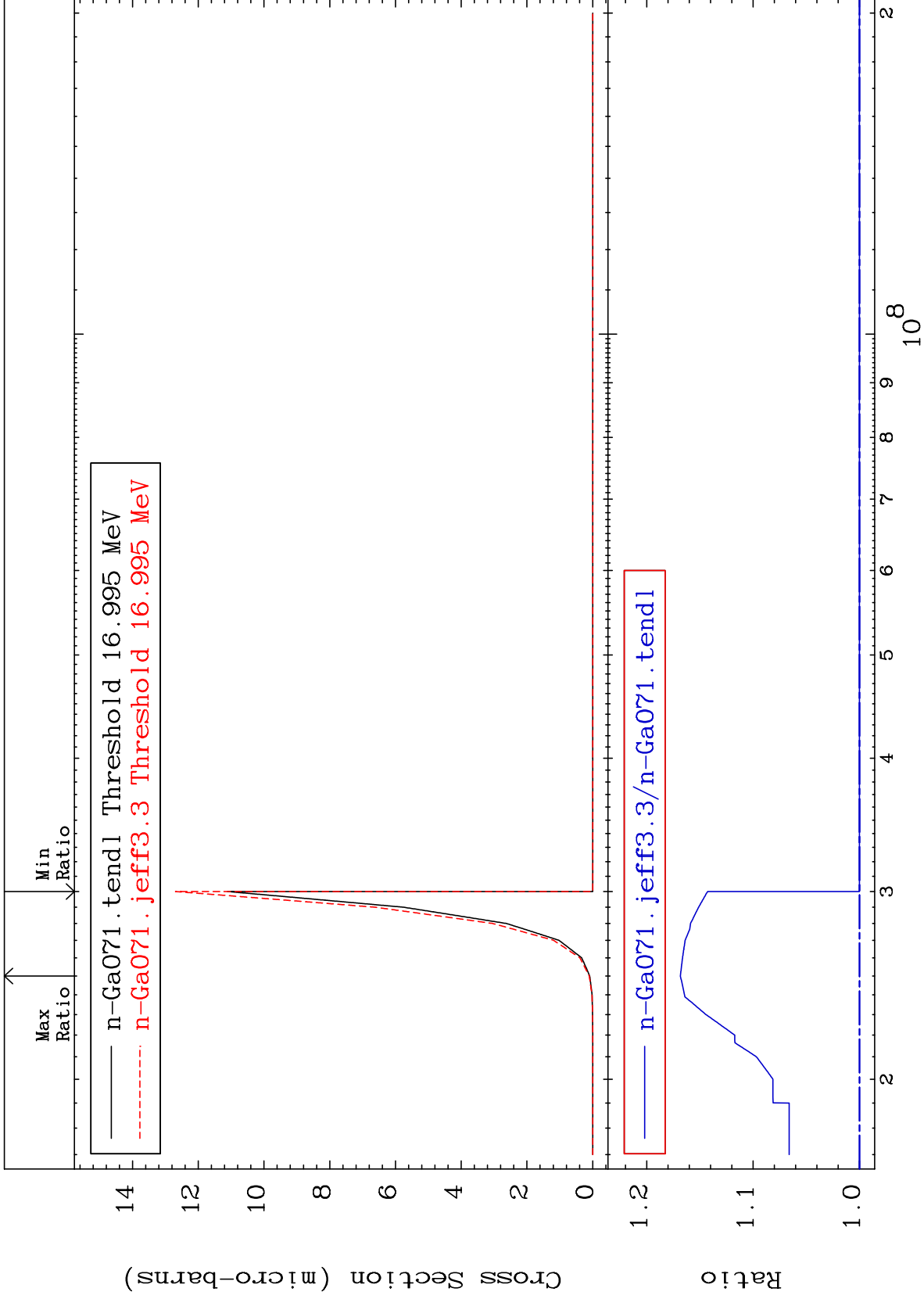
(n, p) d

³¹Ga-71

Cross Section

0.000

To 16.84 %



60

Incident Energy (eV)

³¹Ga-71

MAT 3131

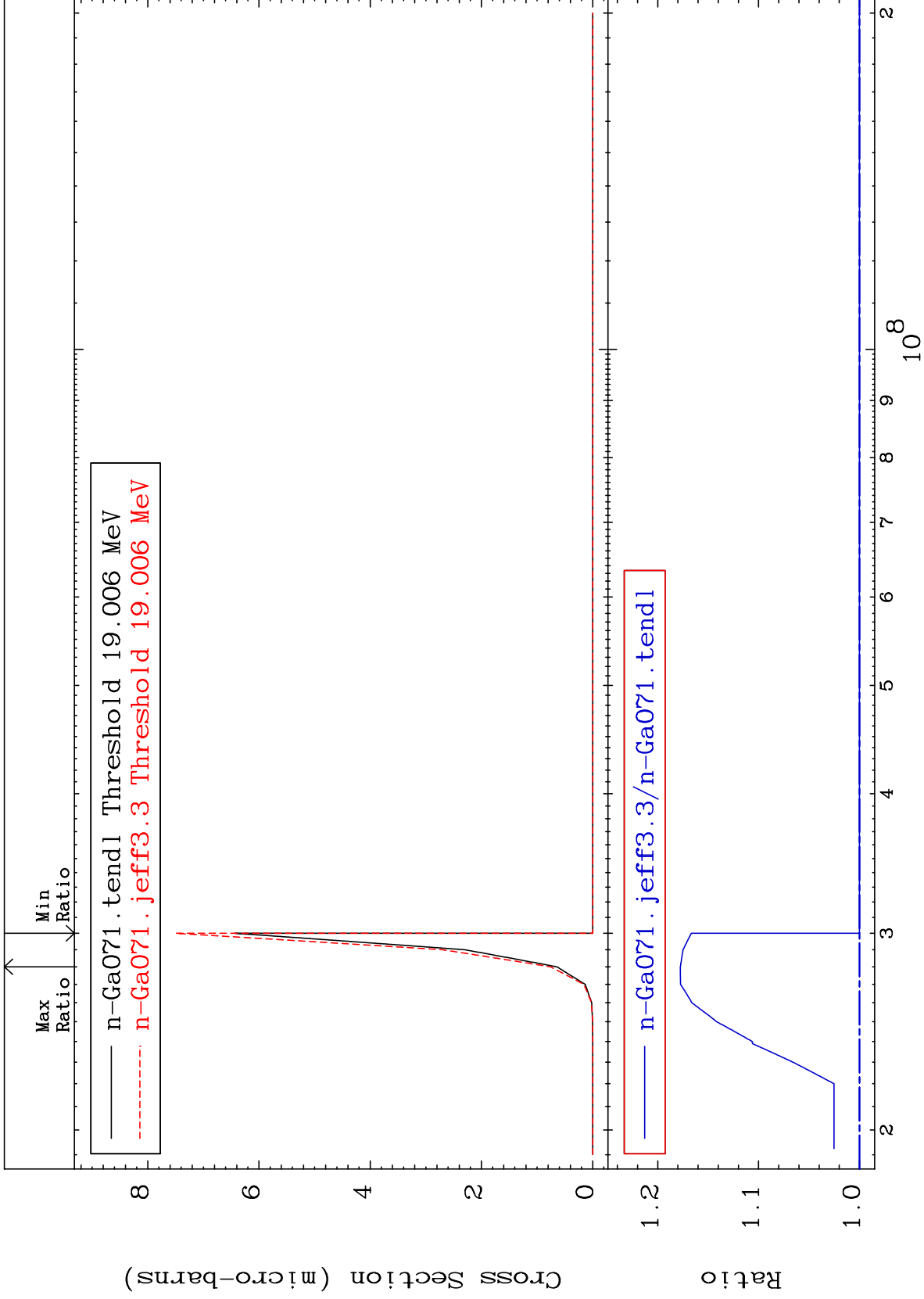
(n,p) t

³¹Ga-71

Cross Section

0.000

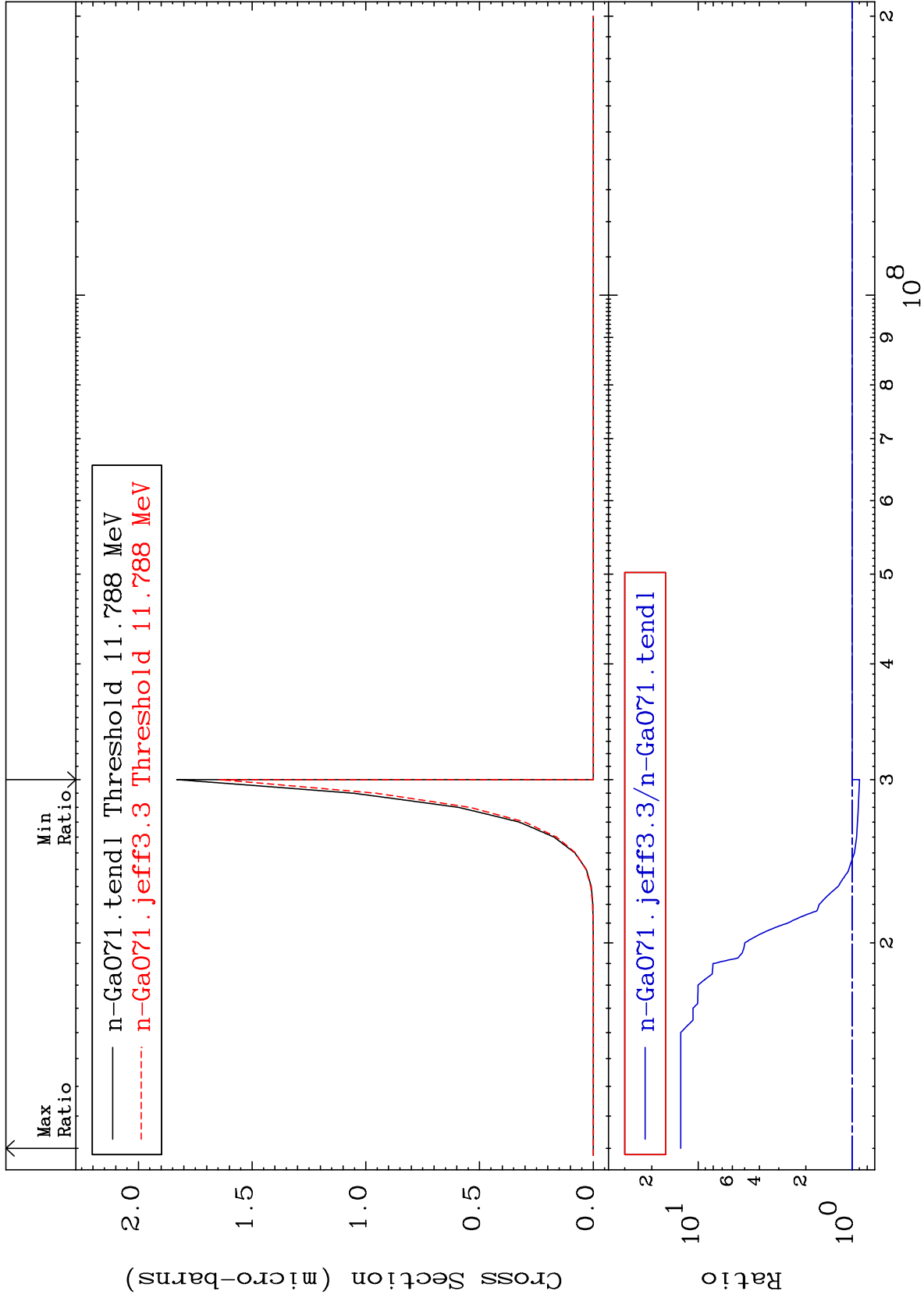
To 17.76 %

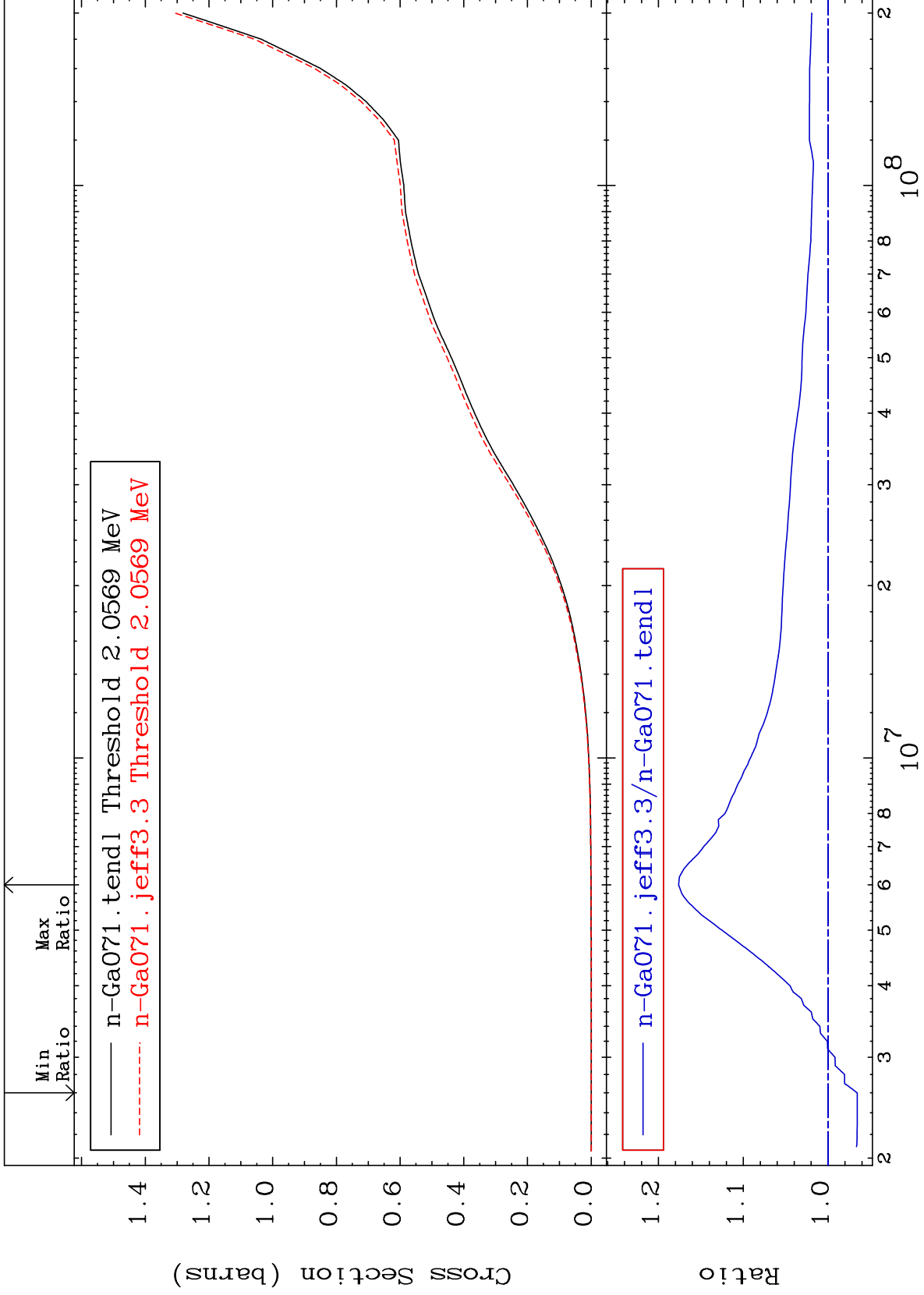


61

Incident Energy (eV)

³¹Ga-71

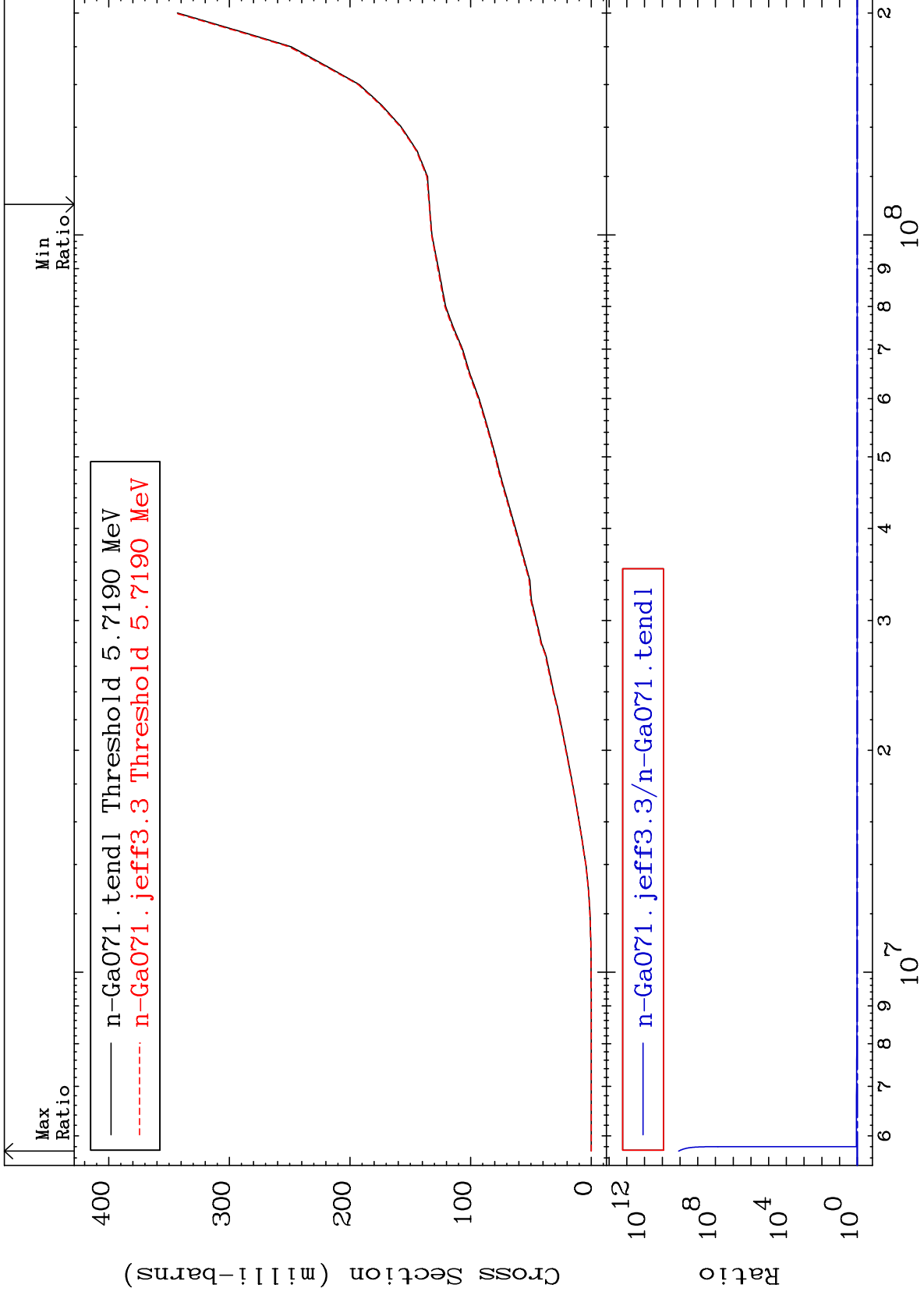




MAT 3131

Deuterium Production
Cross Section

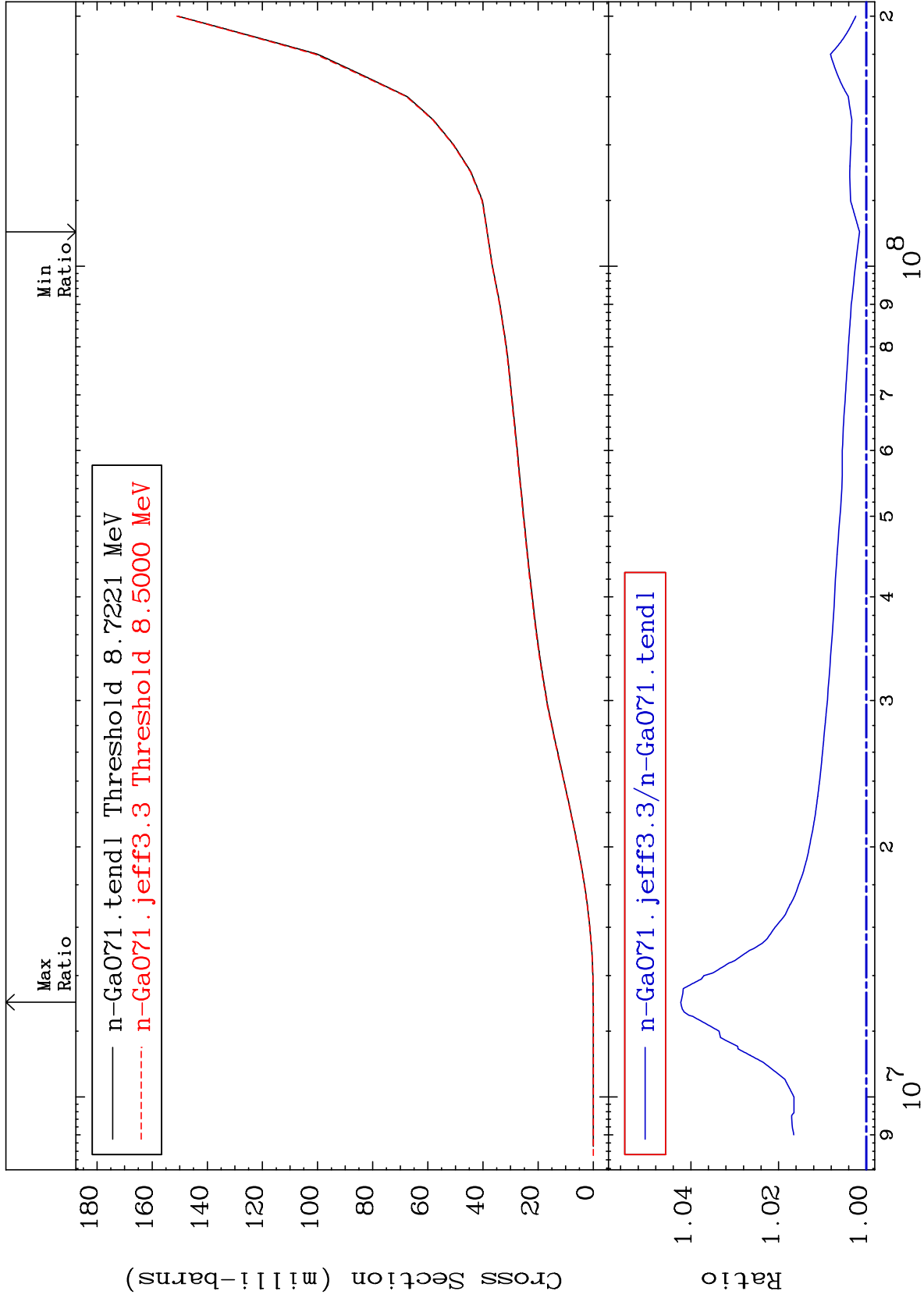
31-Ga-71
0.123 To 9999. %



MAT 3131

Tritium Production
Cross Section

31-Ga-71
0.154 To 4.230 %



65

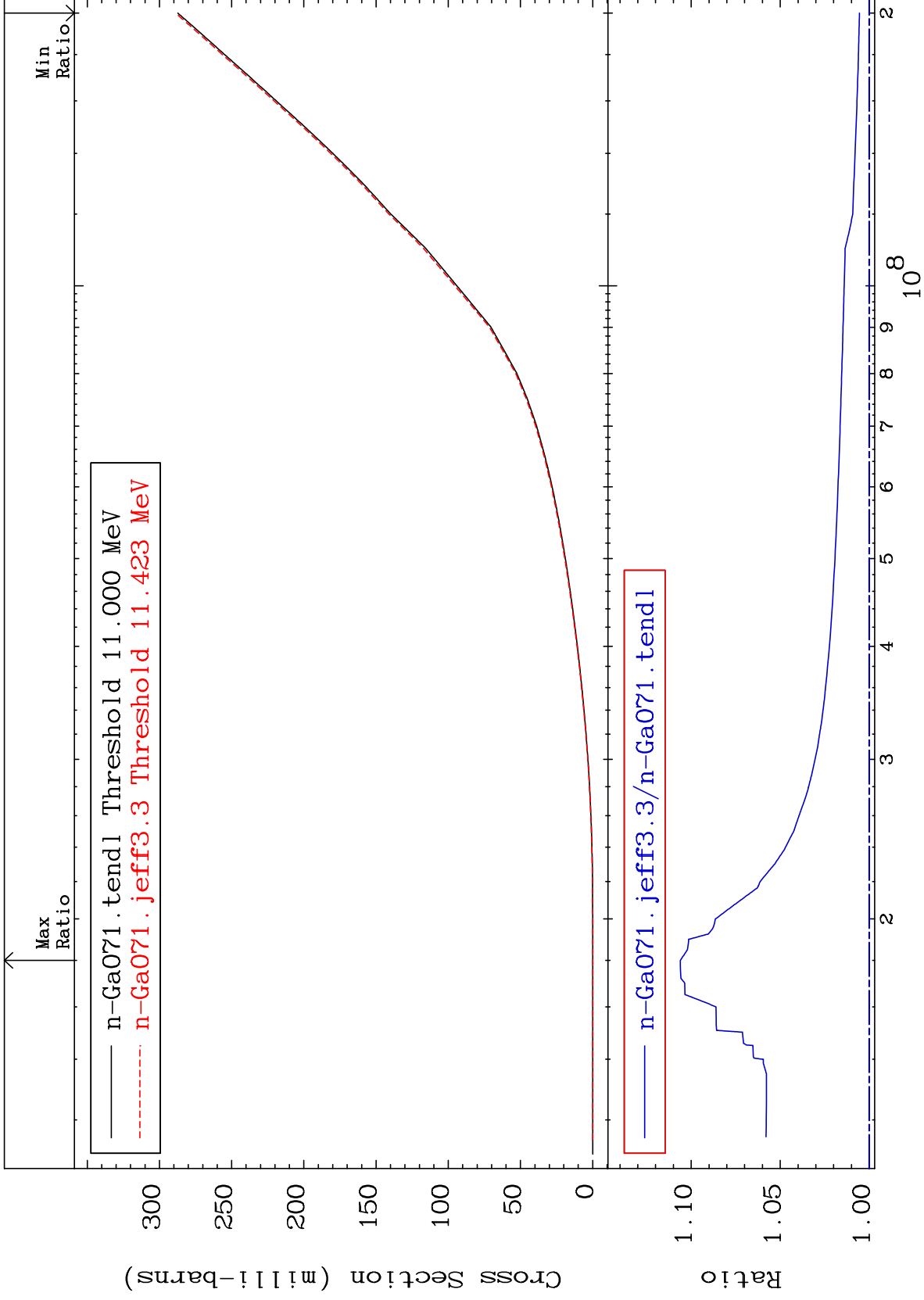
Incident Energy (eV)

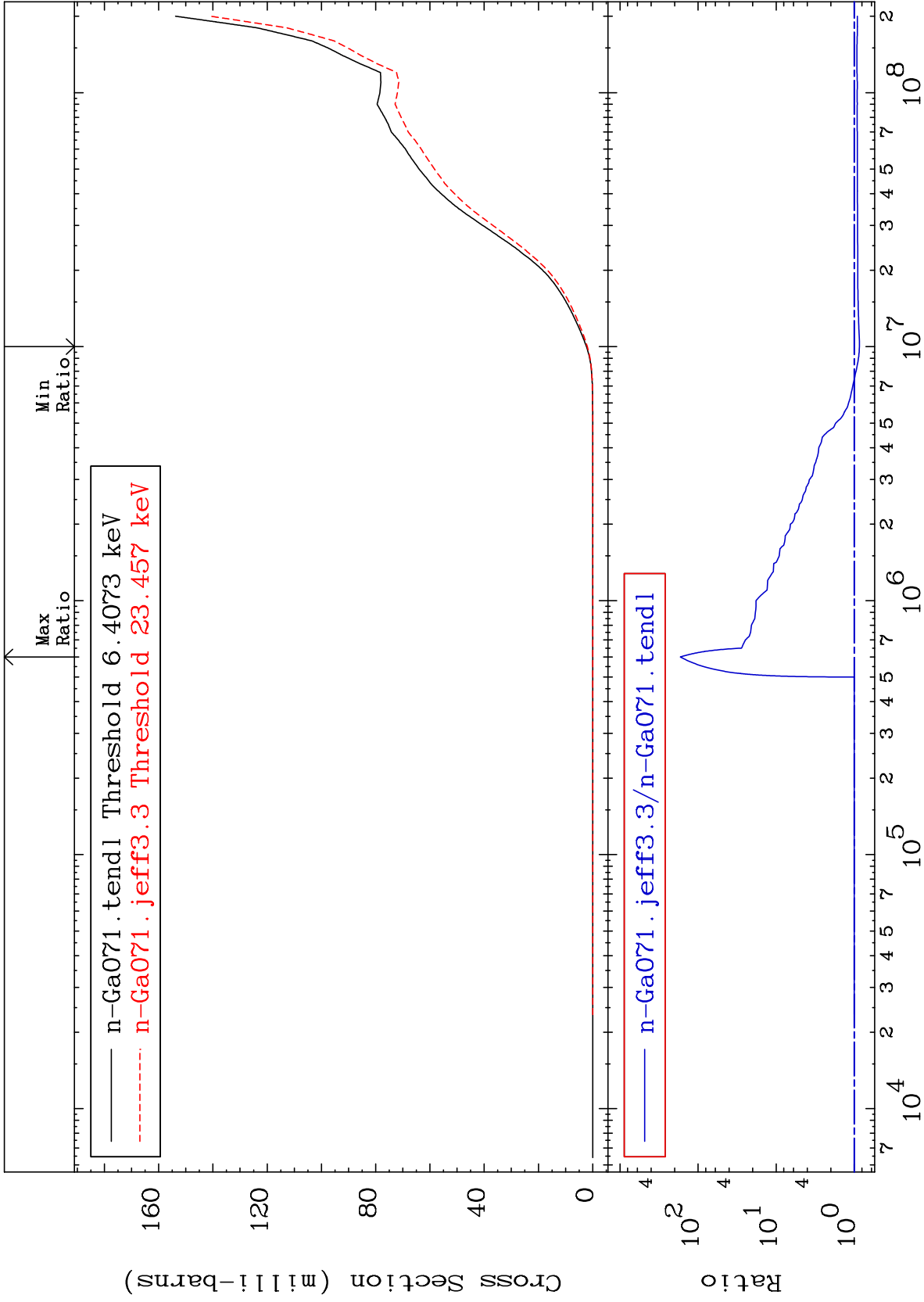
31-Ga-71

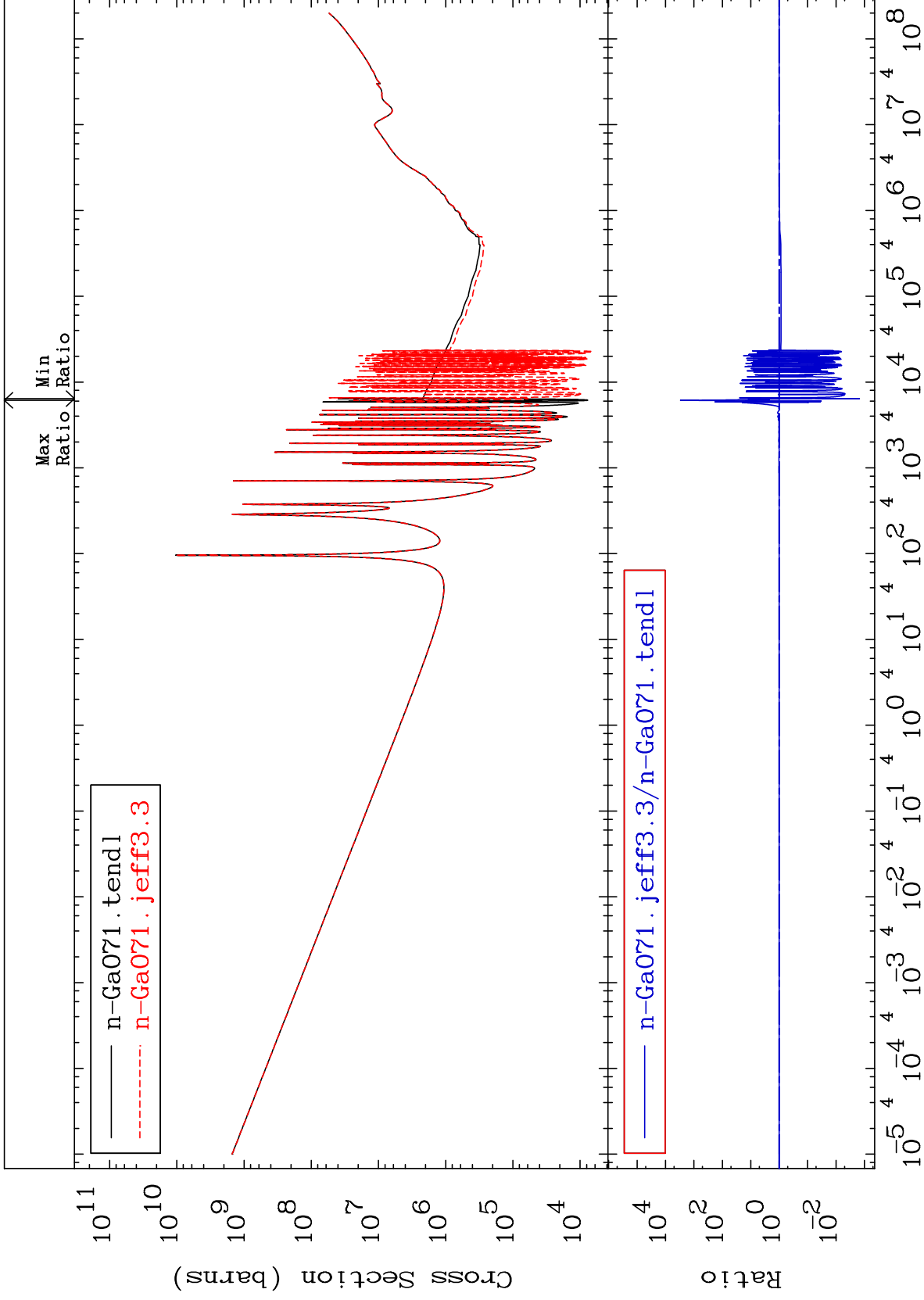
MAT 3131

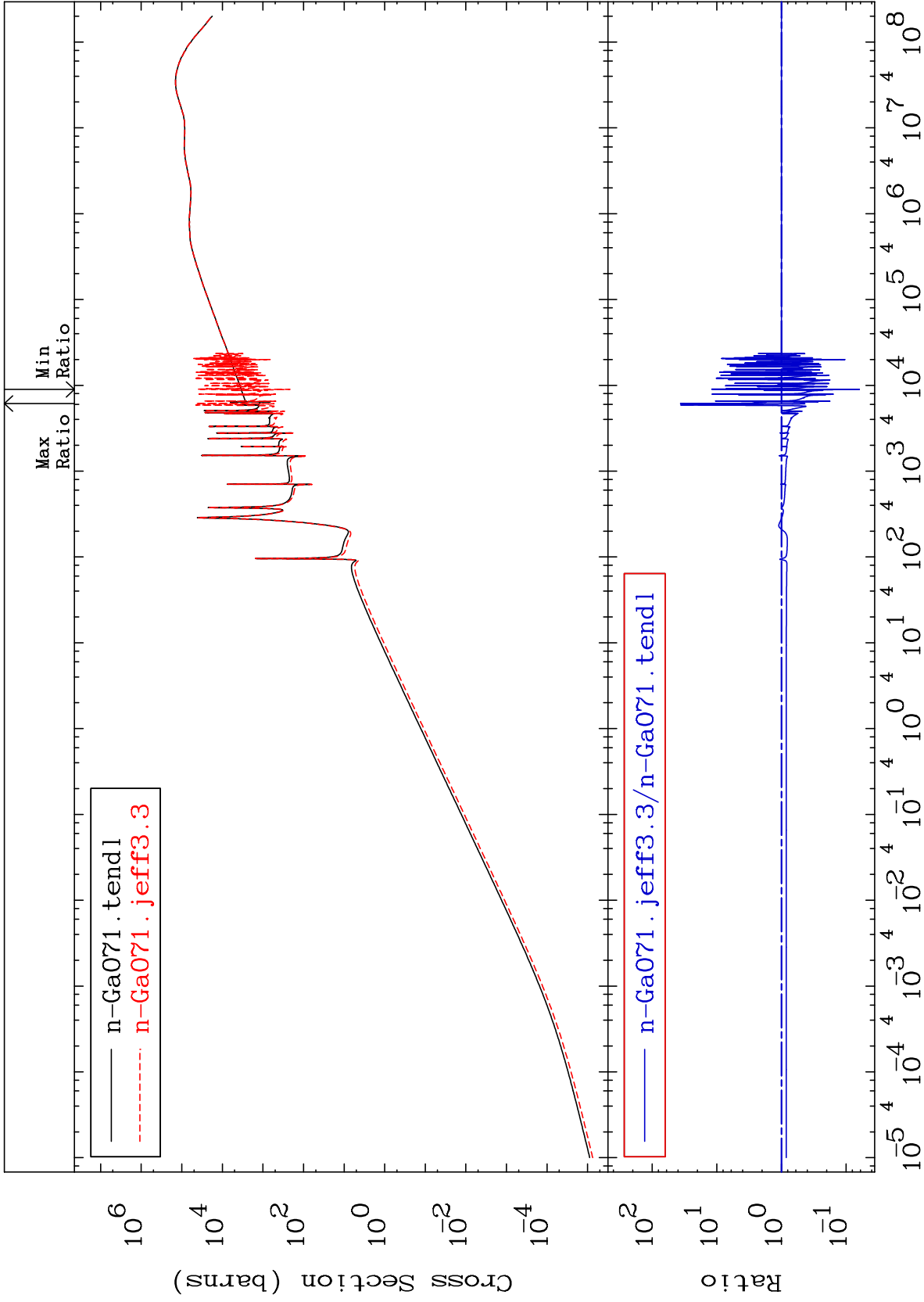
He-3 Production
Cross Section

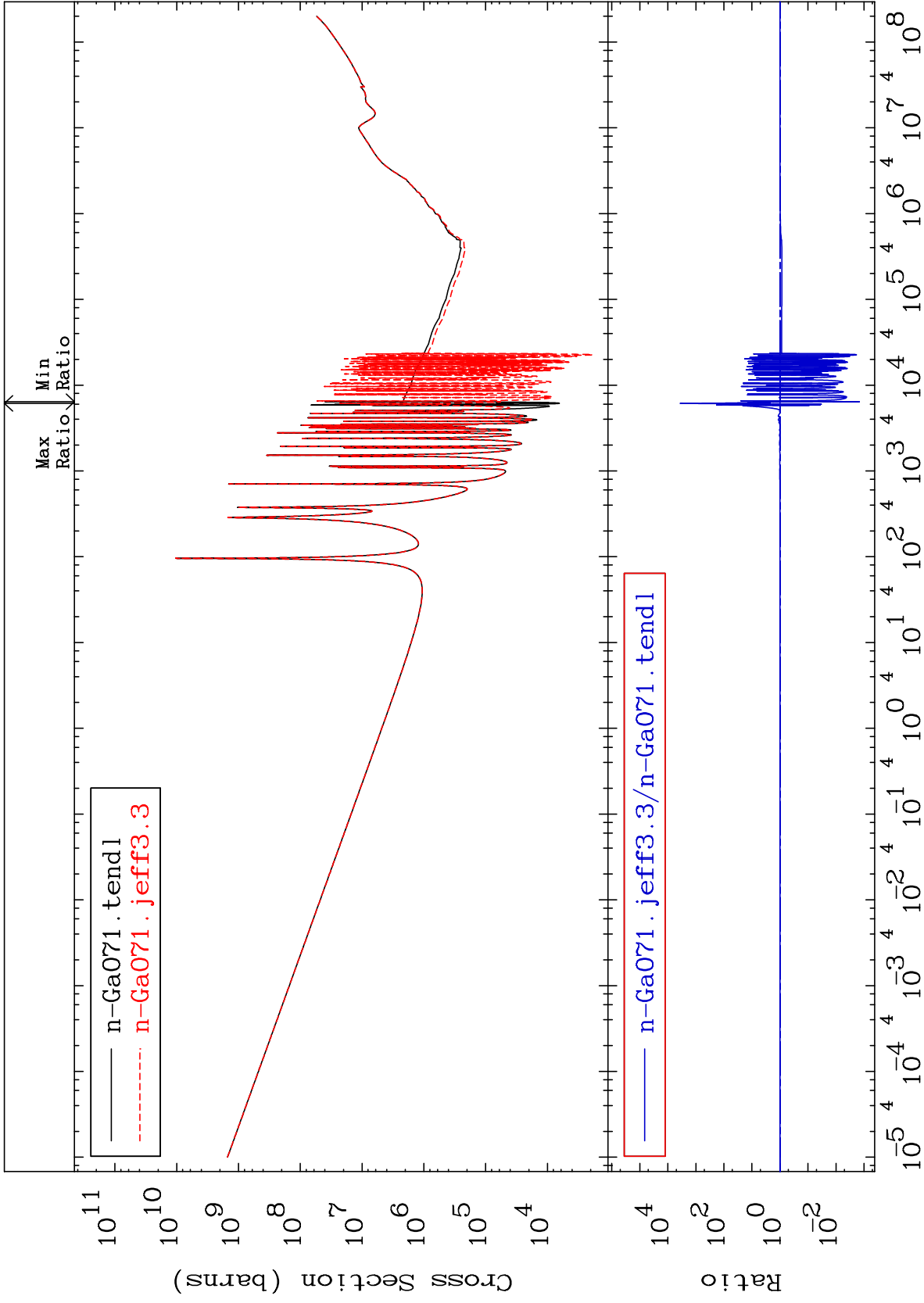
31-Ga-71
0.552 To 10.61 %







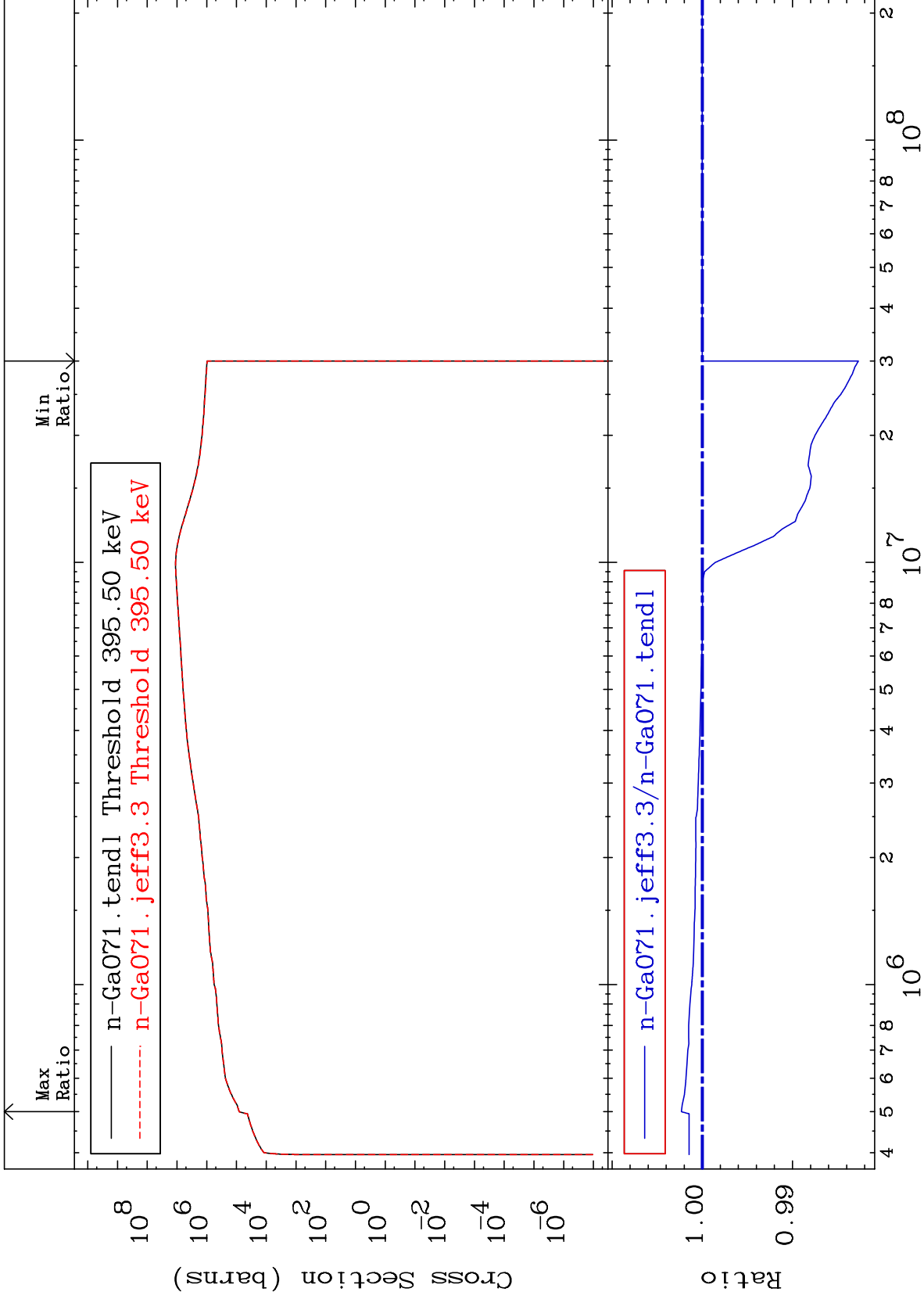




MAT 3131

Kerma inelastic (mt51-91)
Cross Section

31-Ga-71
-1.731 To 0.232 %



71

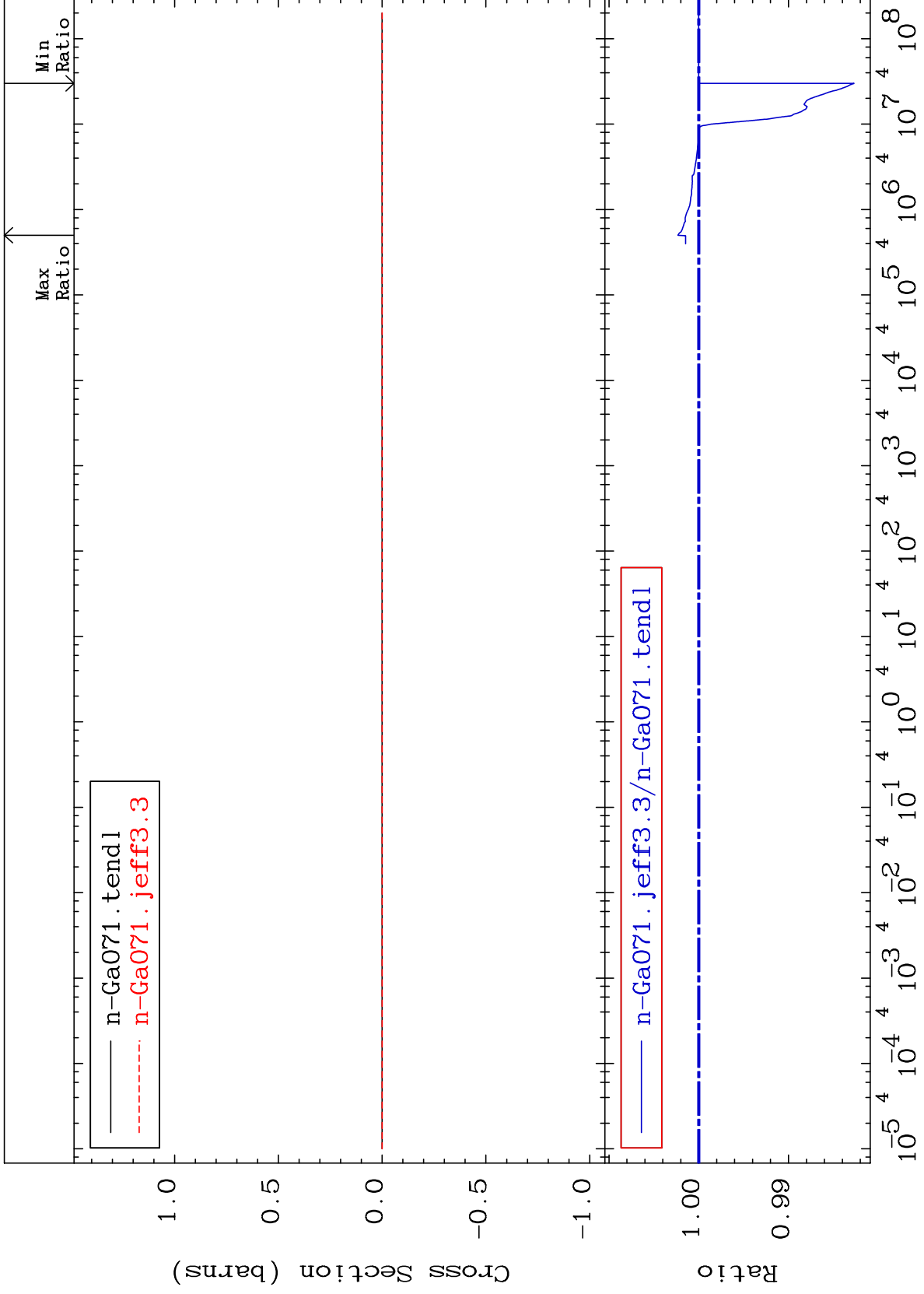
Incident Energy (eV)

31-Ga-71

MAT 3131

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

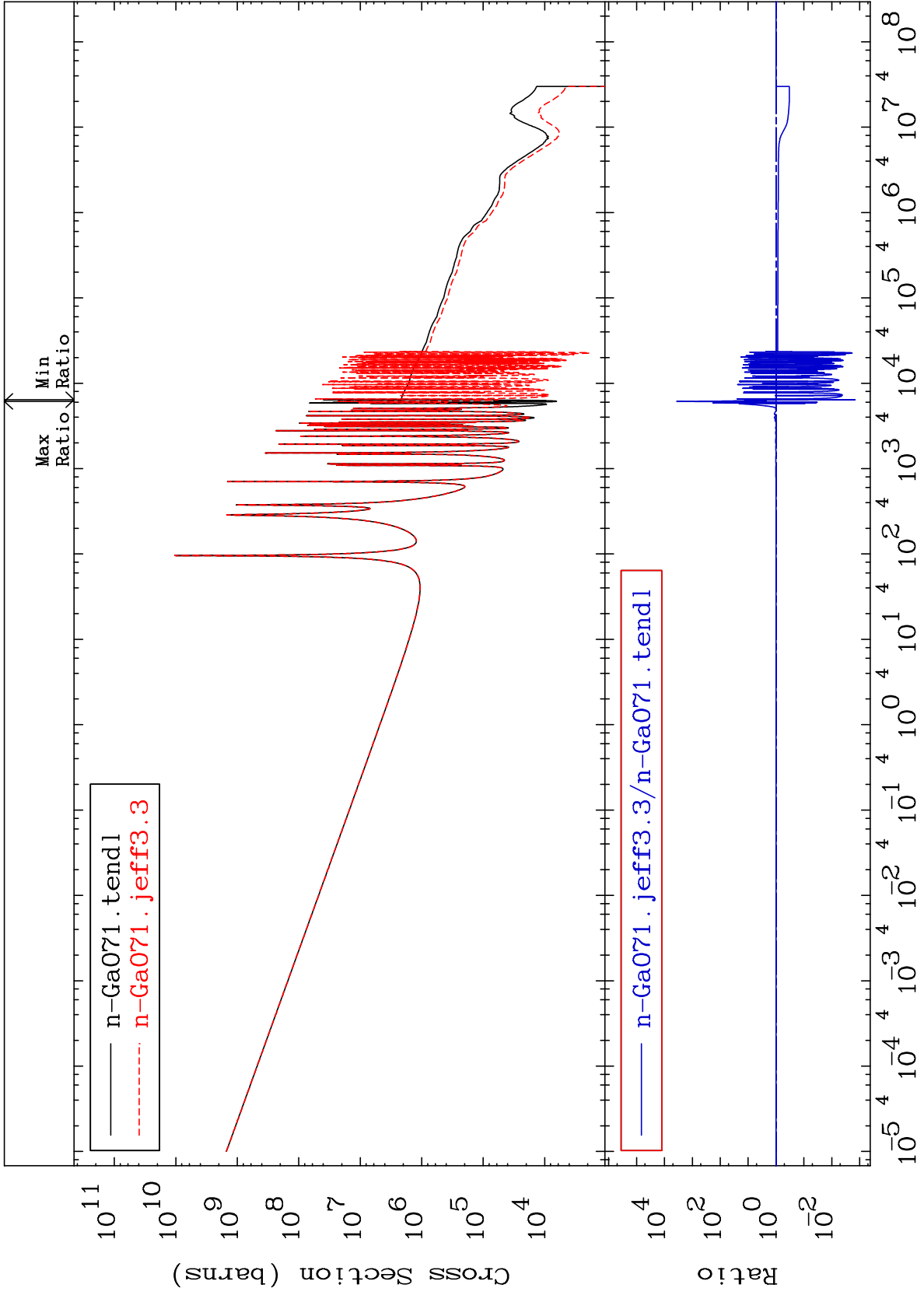
31-Ga-71
-1.731 To 0.232 %



MAT 3131

Kerma capture (mt102)
Cross Section

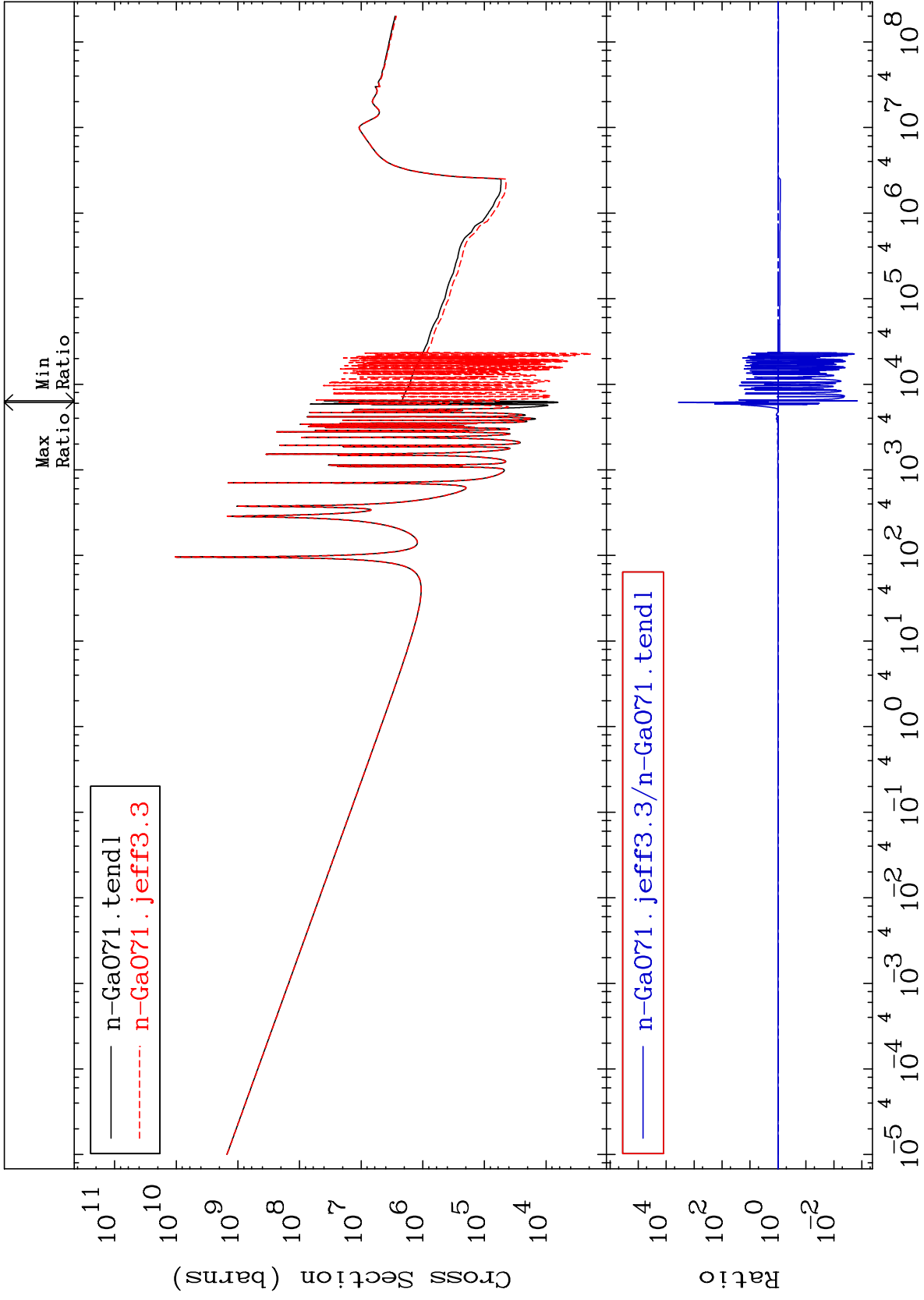
31-Ga-71
-99.85 To 9999. %

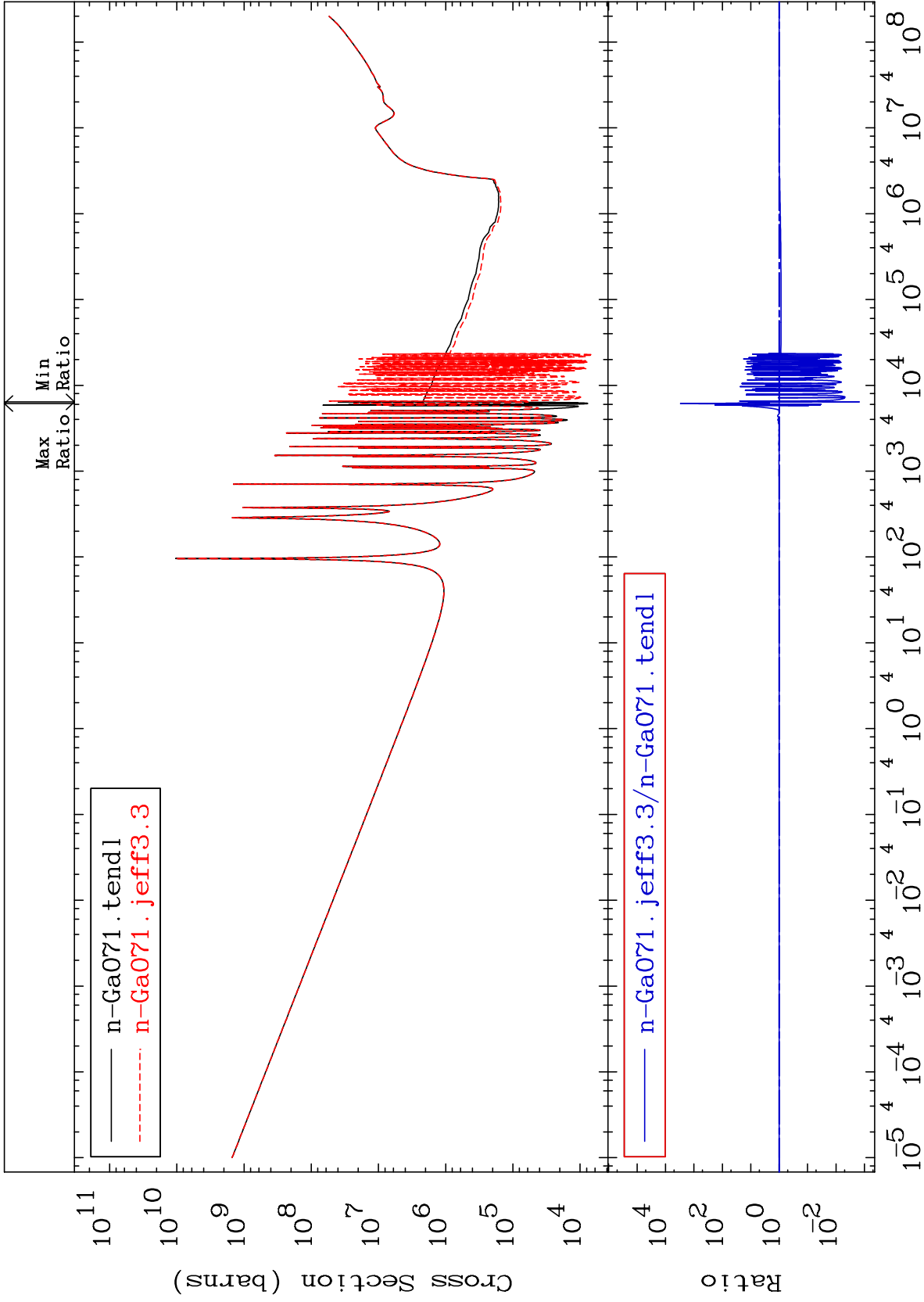


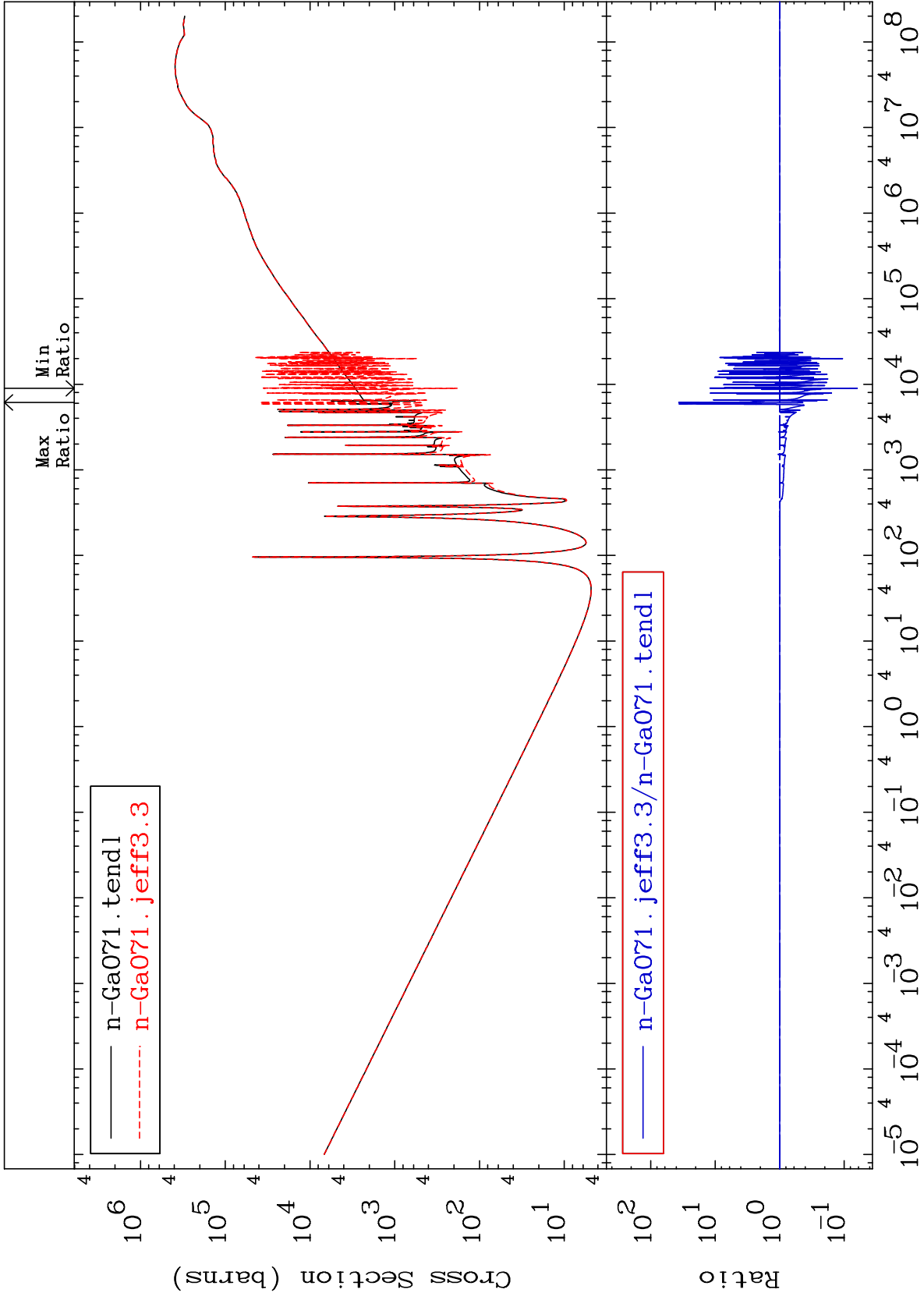
73

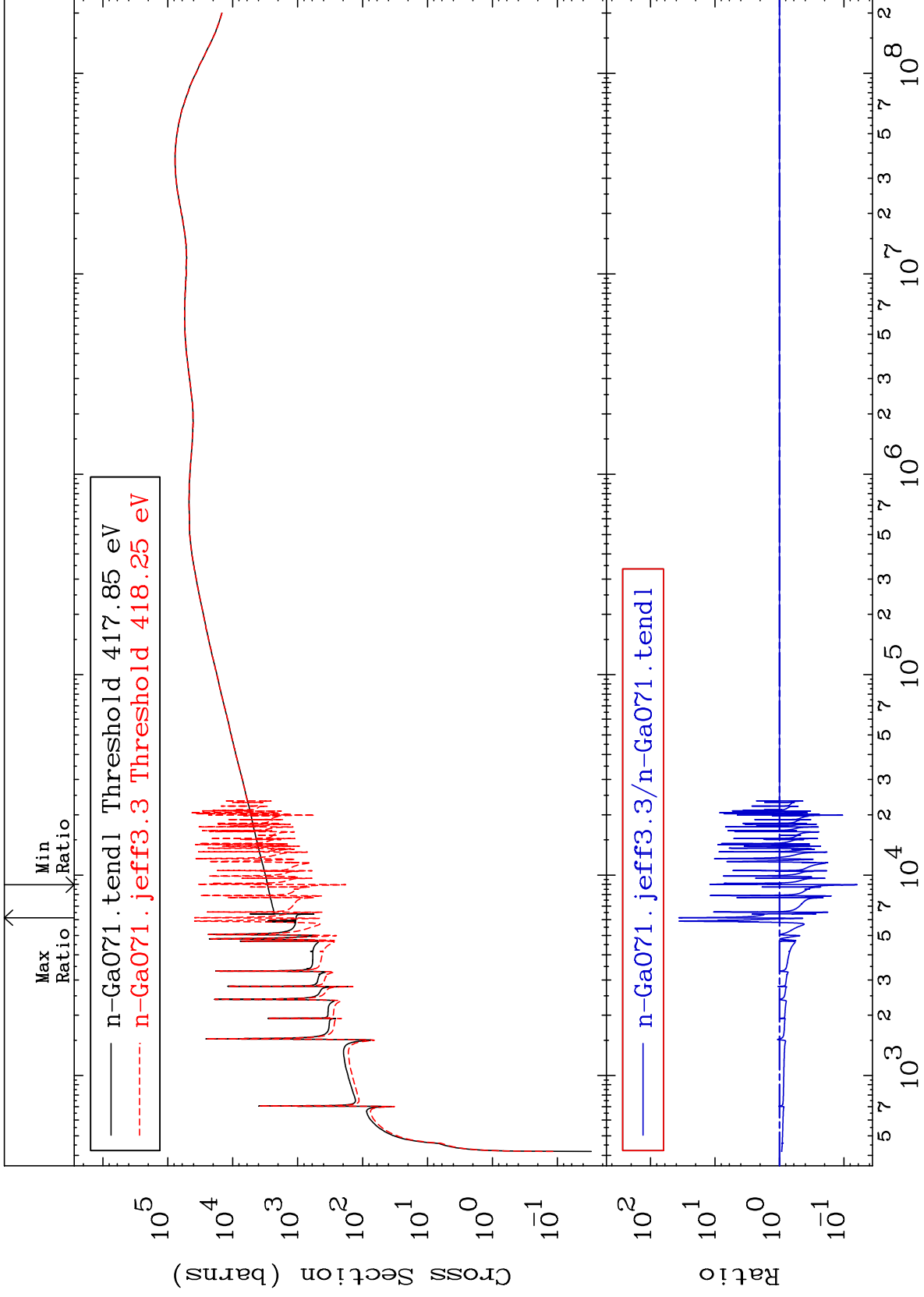
Incident Energy (eV)

31-Ga-71





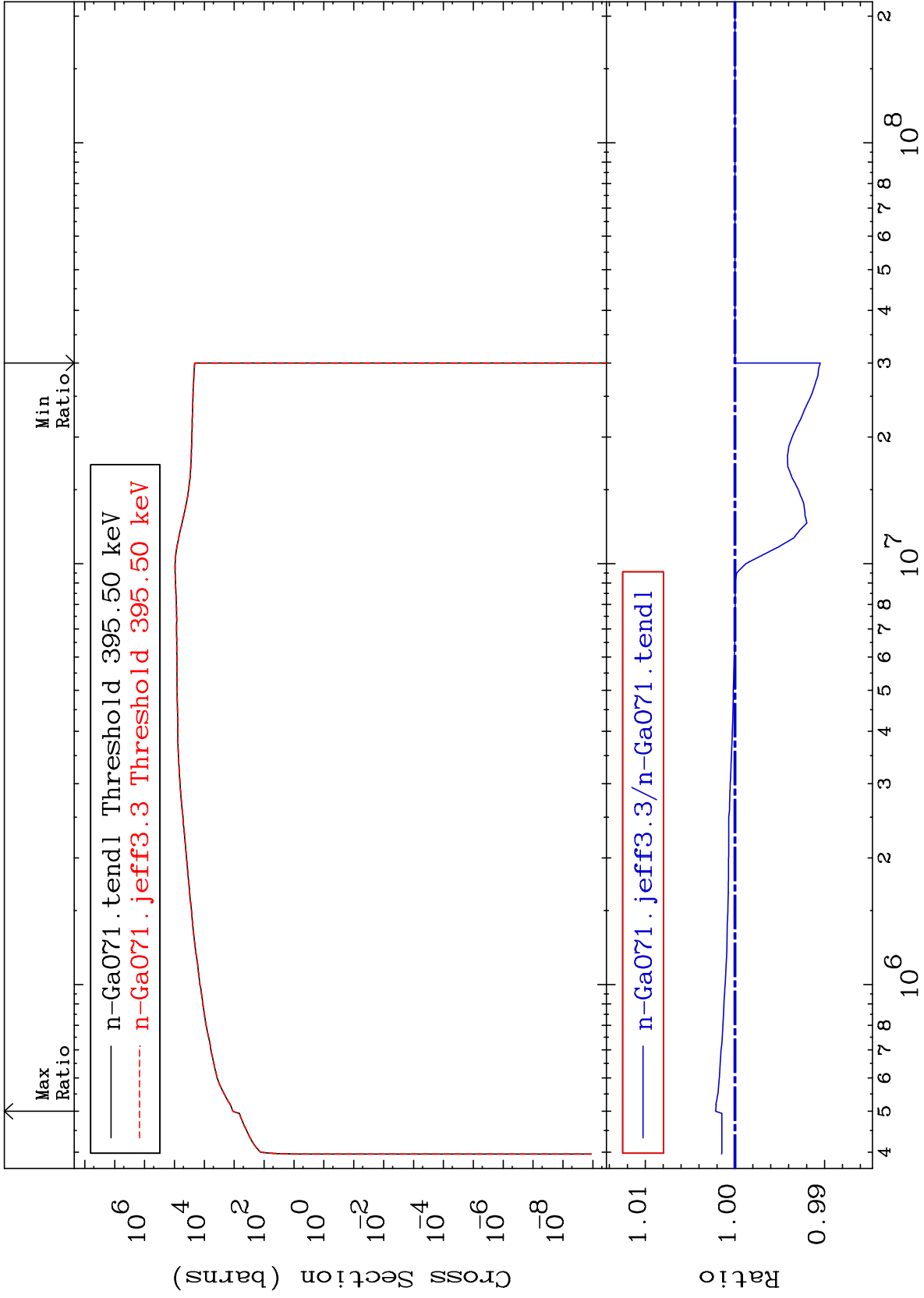




MAT 3131

Dpa inelastic (mt51-91)
Cross Section

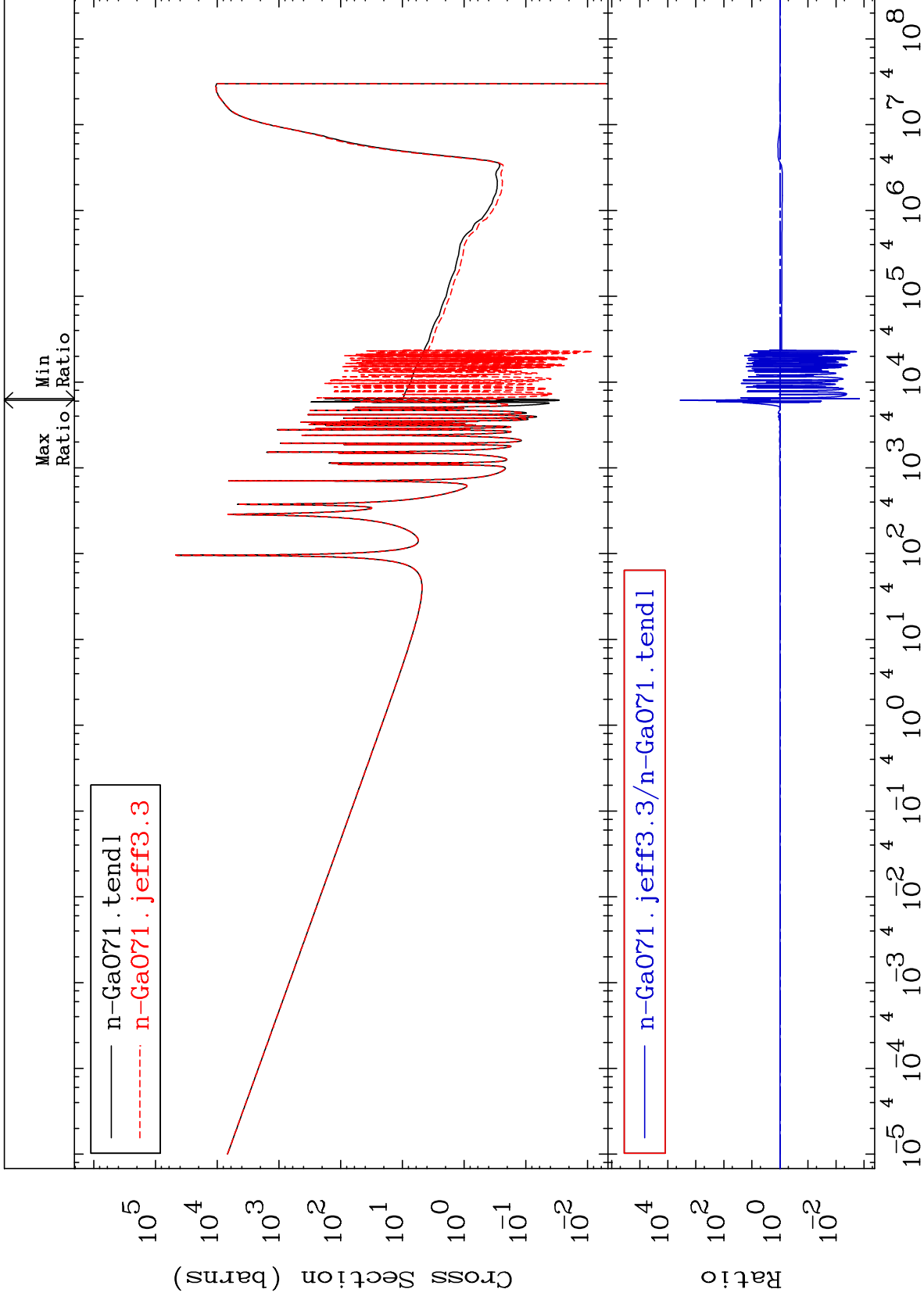
31-Ga-71
-0.951 To 0.215 %



78

Incident Energy (eV)

31-Ga-71

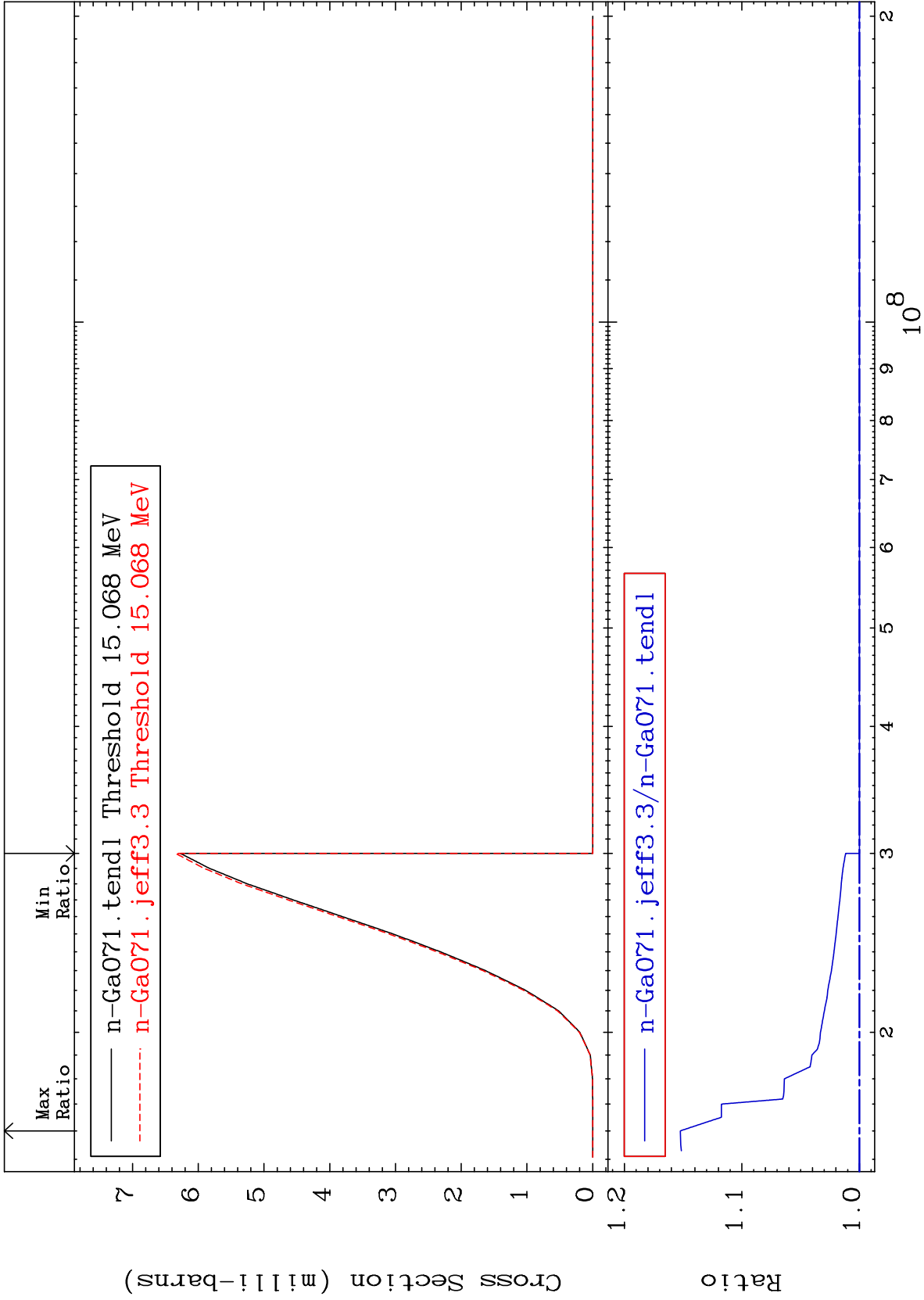


MAT 3131

(n, n') d:30-Zn-69g

31-Ga-71

Radionuclide Production Cross Section 0.000 To 15.24 %



80

Incident Energy (eV)

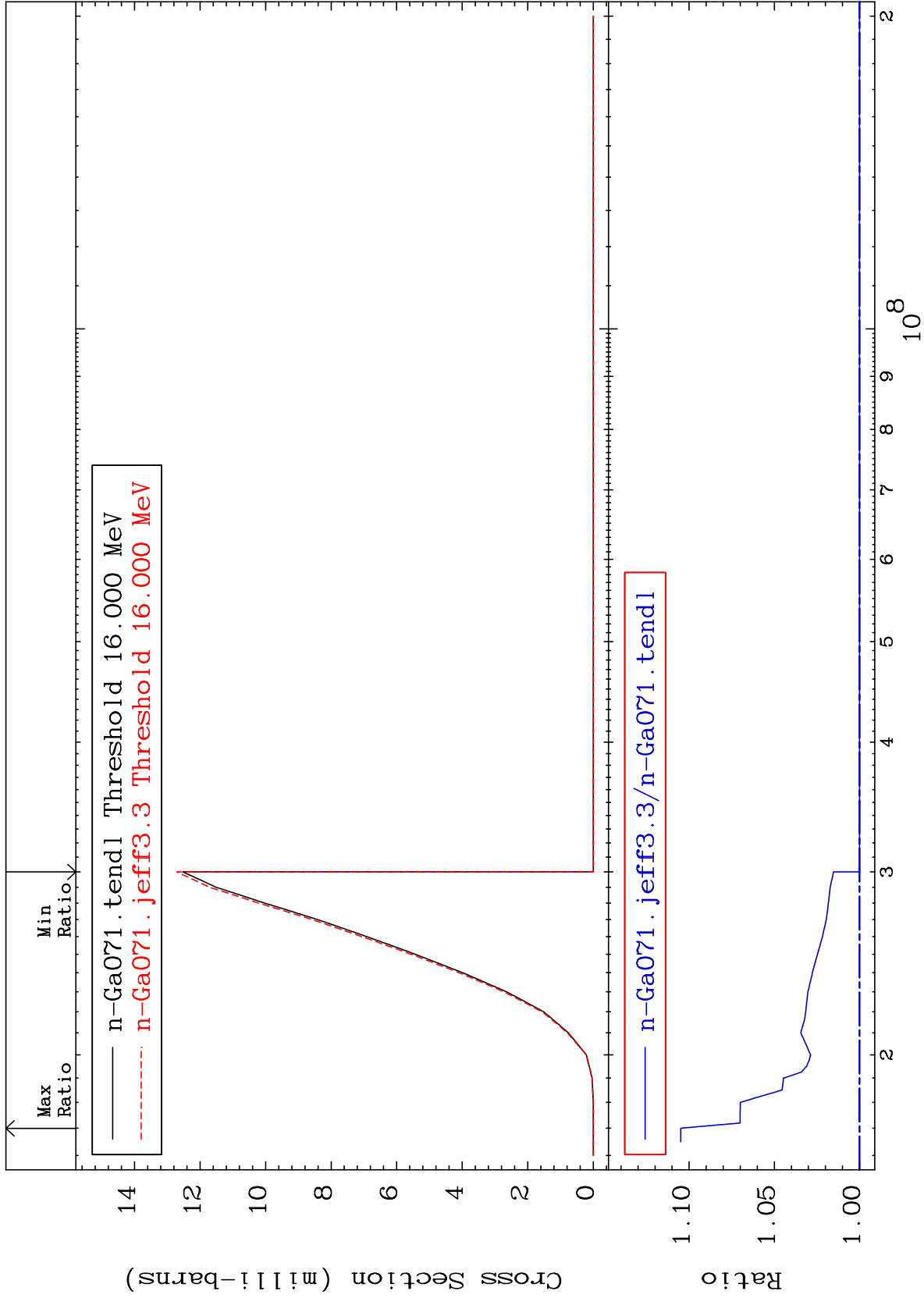
31-Ga-71

MAT 3131

(n, n') d:30-Zn-69m1

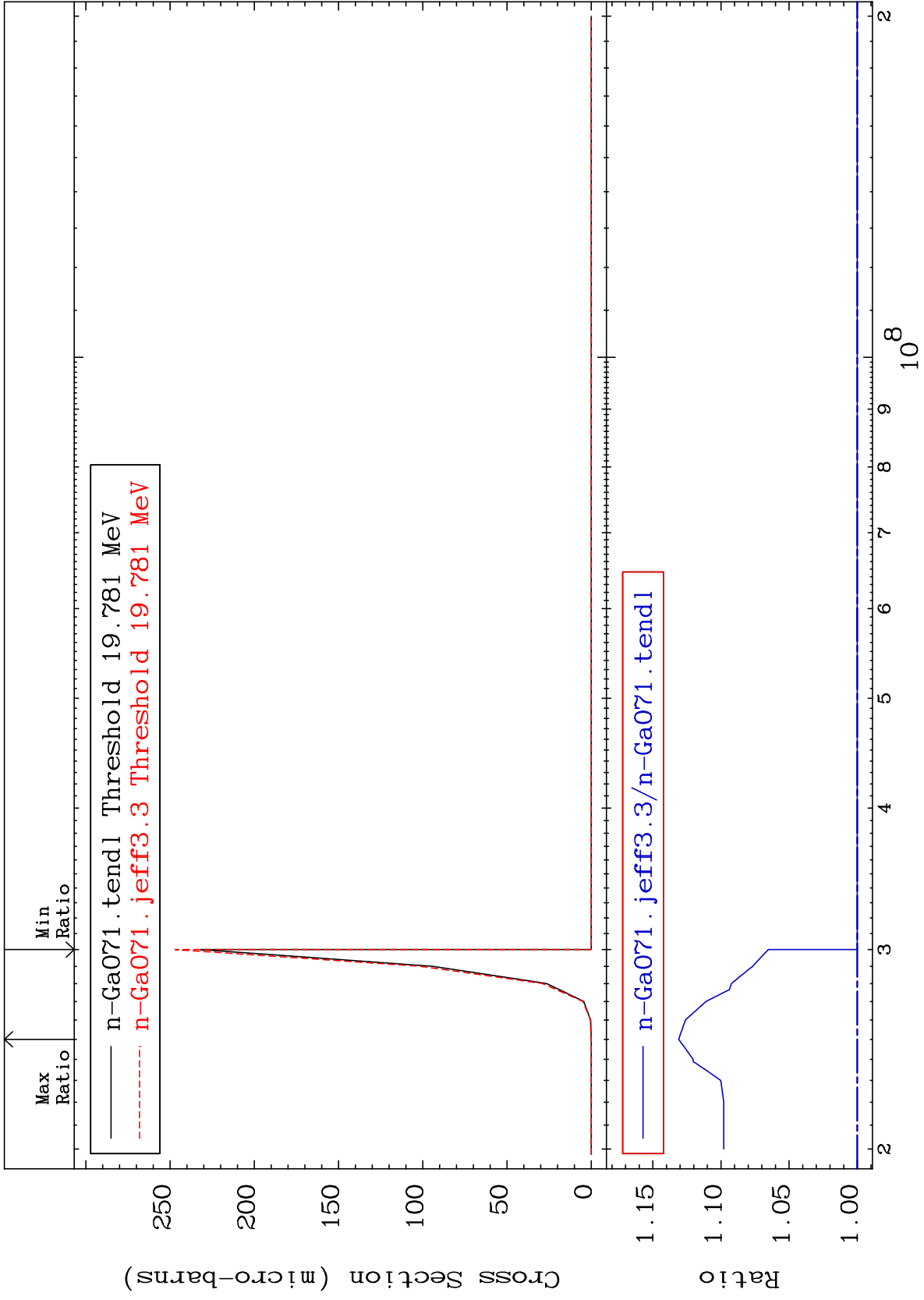
31-Ga-71

Radionuclide Production Cross Section 0.000 To 10.49 %



MAT 3131

(n, n') He-3:29-Cu-68g 31-Ga-71
Radionuclide Production Cross Section 0.000 To 13.11 %

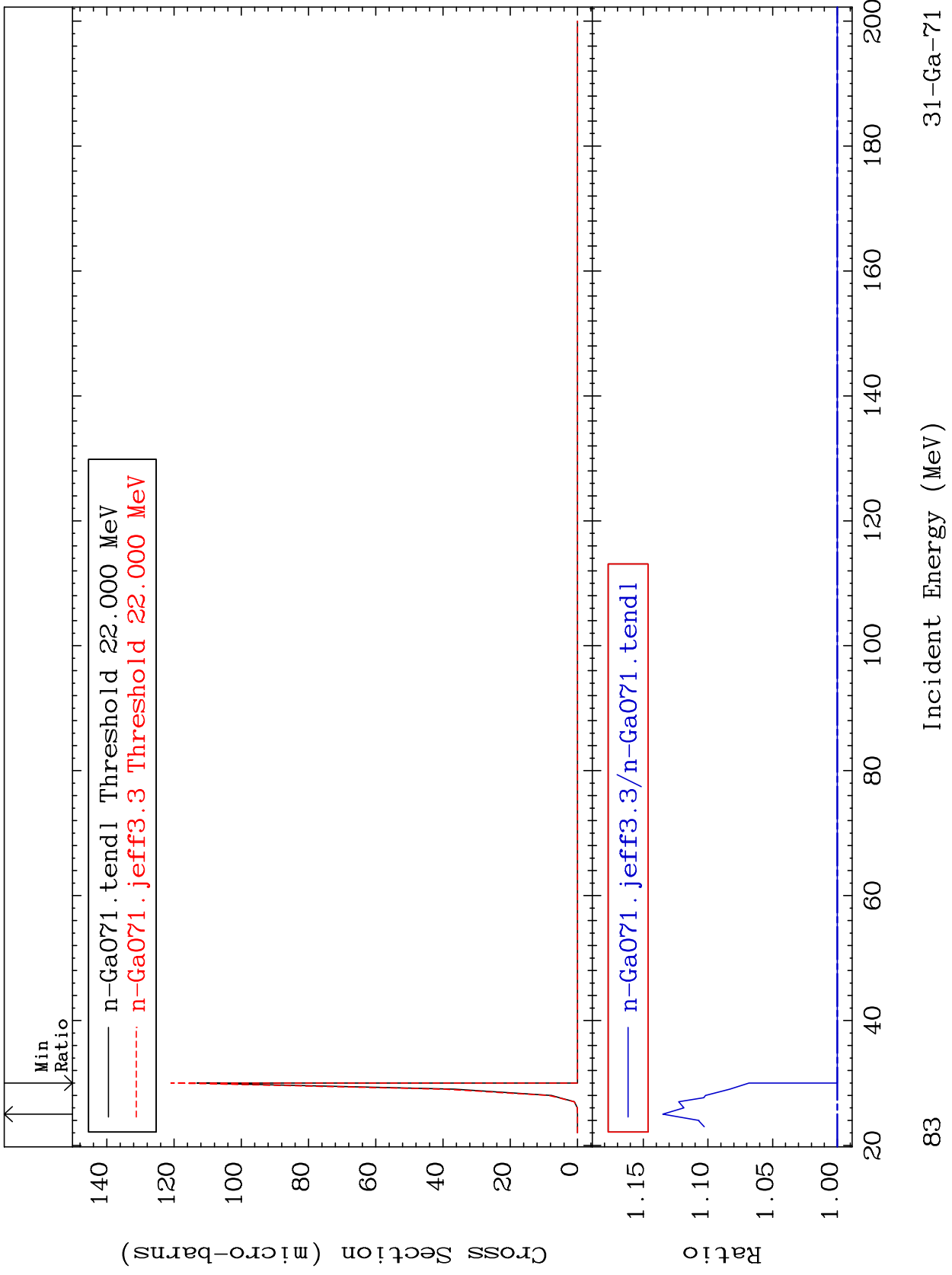


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section 0.000 To 13.49 %

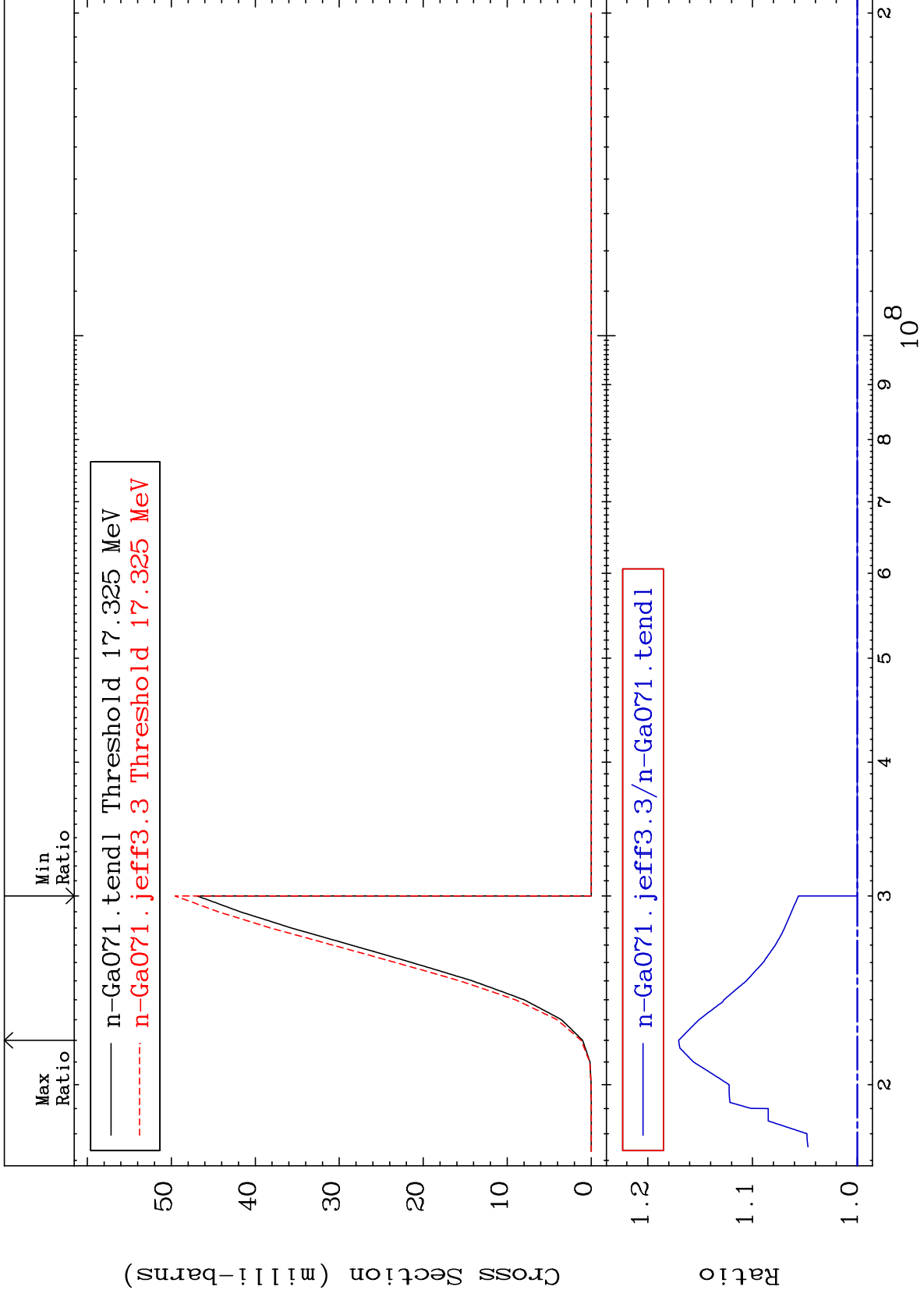


MAT 3131

(n,2n) p:30-Zn-69g

31-Ga-71

Radionuclide Production Cross Section 0.000 To 17.05 %

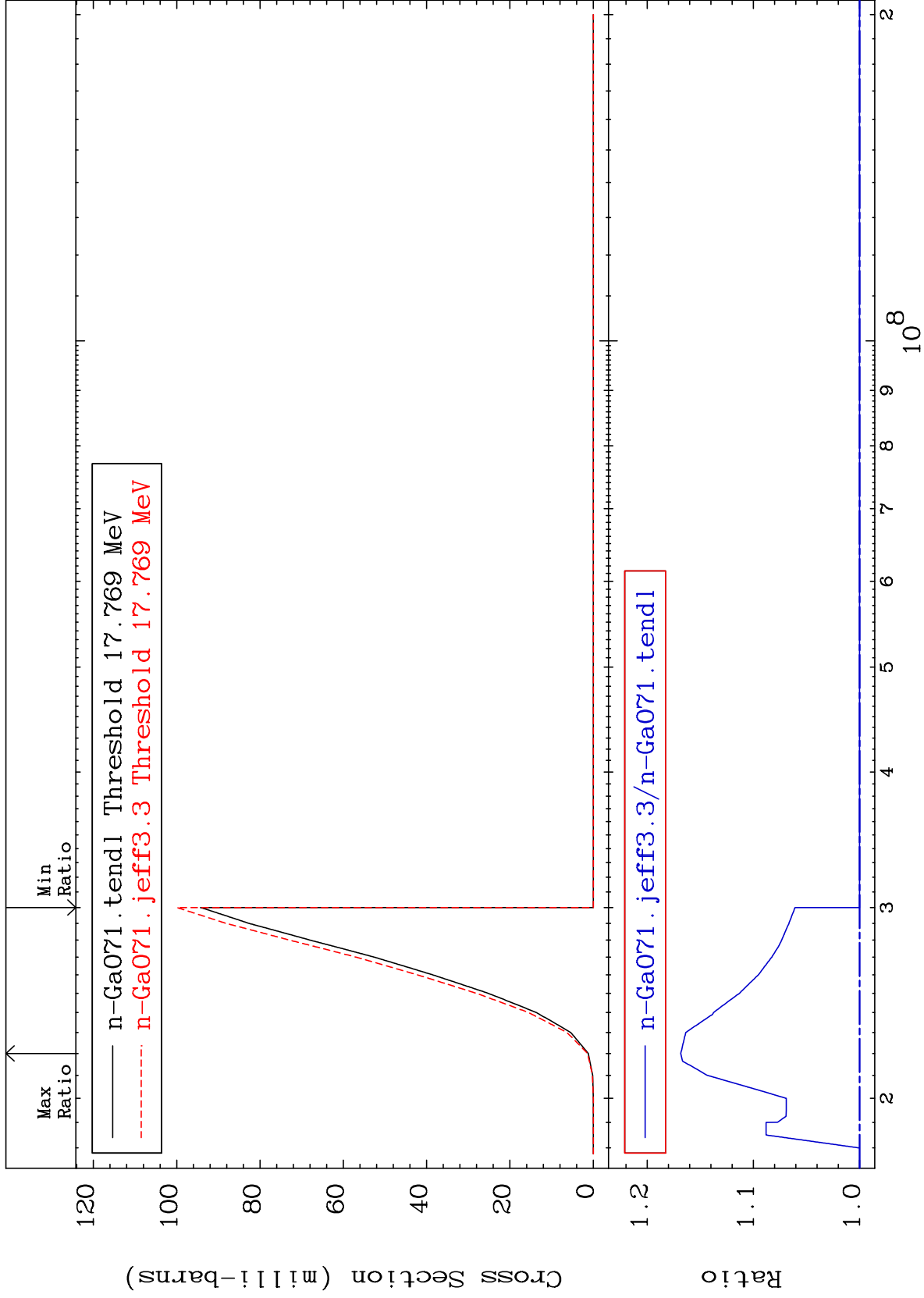


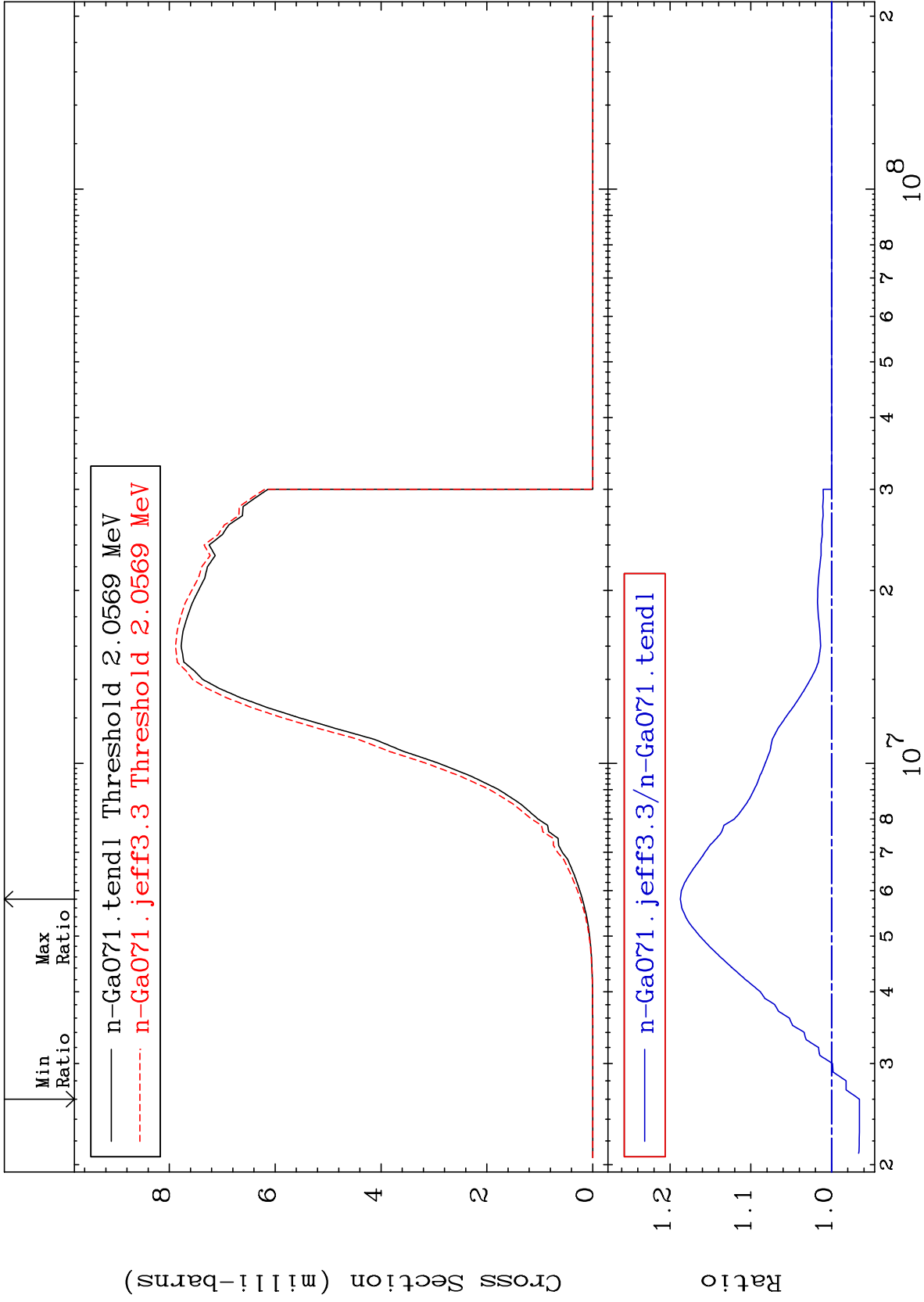
MAT 3131

(n,2n) p:30-Zn-69m1

31-Ga-71

Radionuclide Production Cross Section 0.000 To 16.83 %



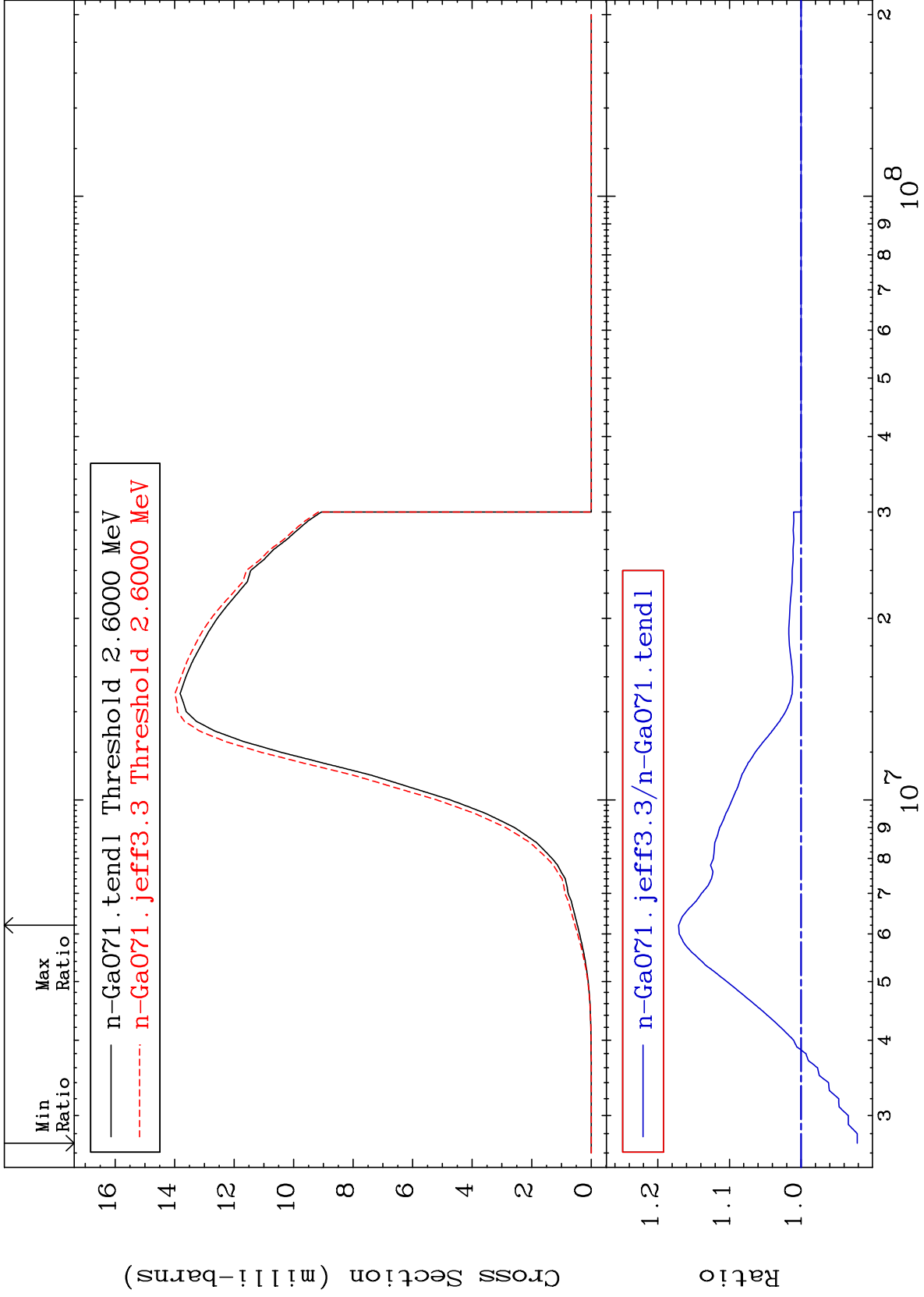


MAT 3131

(n, p) : 30-Zn-71m1

31-Ga-71

Radionuclide Production Cross Section -7.843 To 17.10 %



87

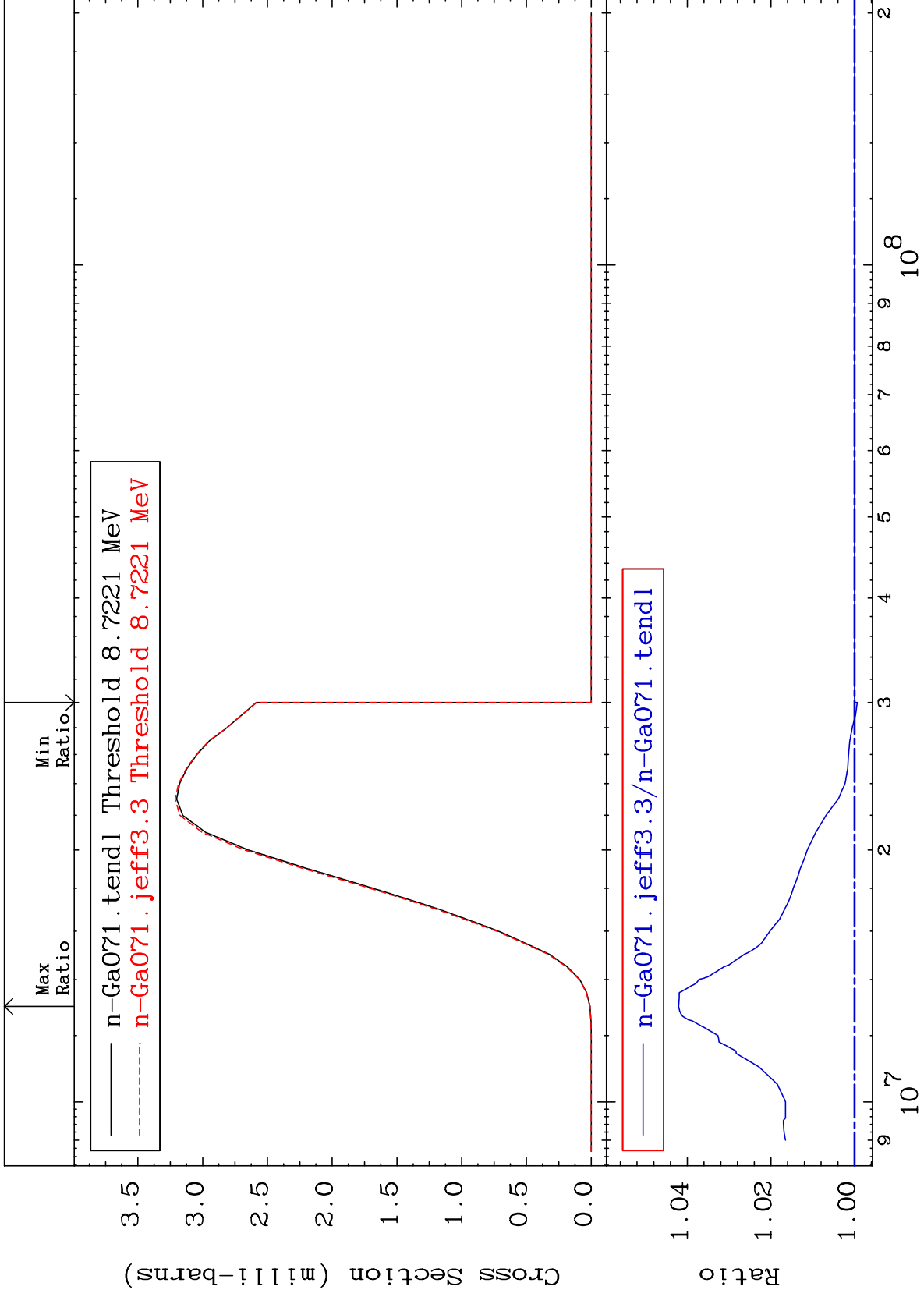
Incident Energy (eV)

31-Ga-71

MAT 3131

31-Ga-71

(n, t) : 30-Zn-69g
Radionuclide Production Cross Section -0.063 To 4.207 %



88

Incident Energy (eV)

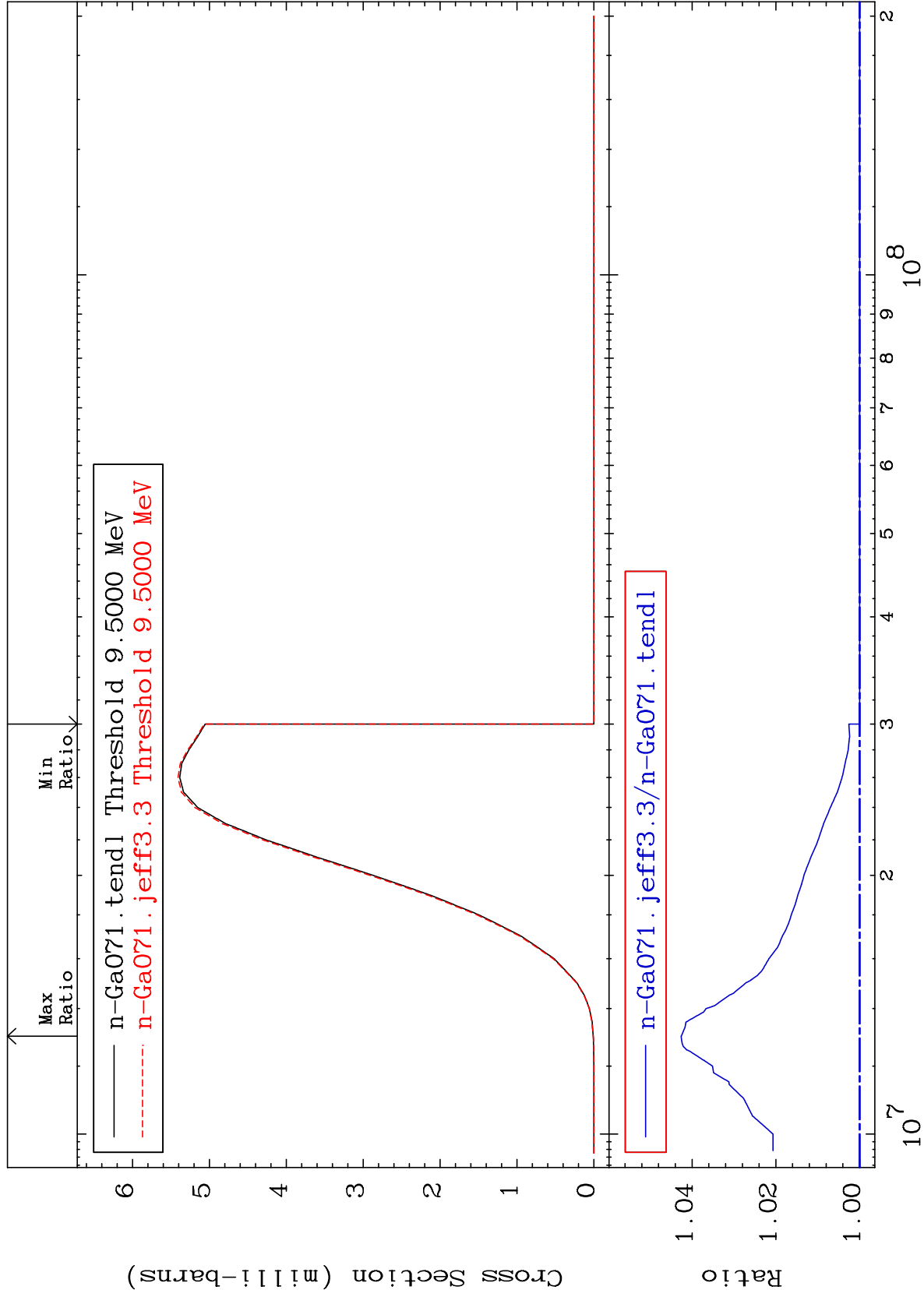
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section 0.000 To 4.260 %



89

Incident Energy (eV)

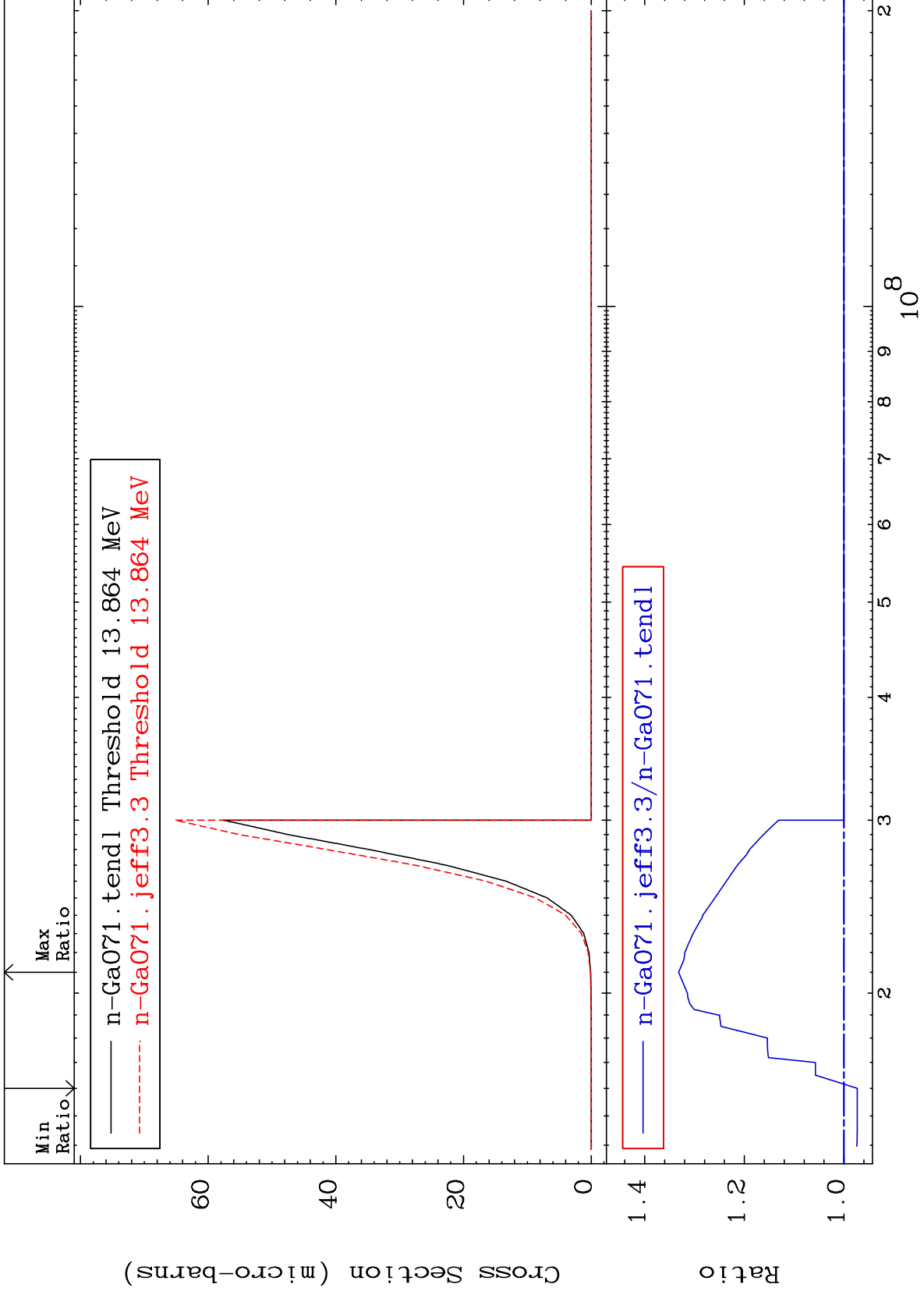
31-Ga-71

MAT 3131

(n,2p):29-Cu-70g

31-Ga-71

Radionuclide Production Cross Section -2.665 To 33.19 %



90

Incident Energy (eV)

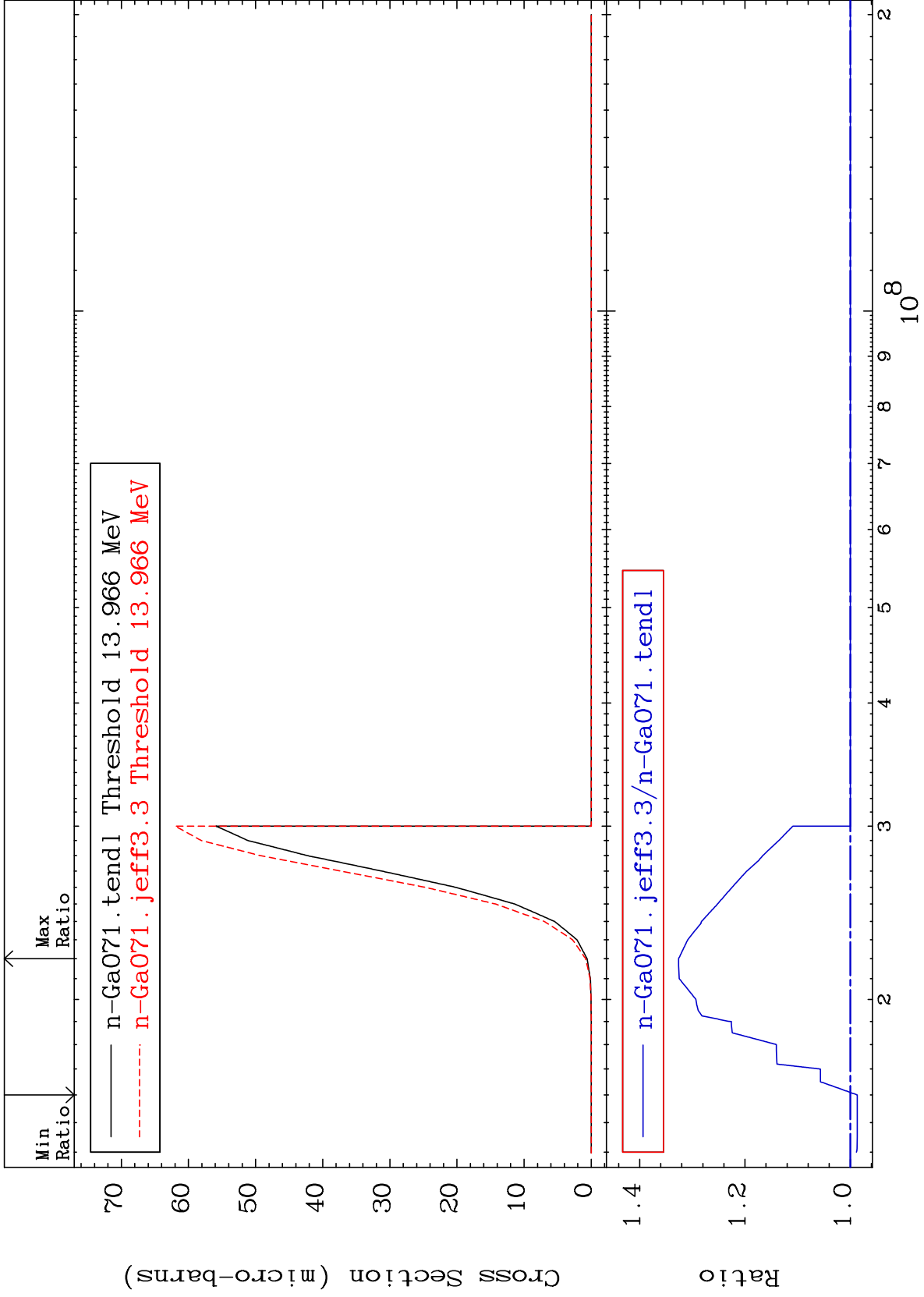
31-Ga-71

MAT 3131

(n,2p):29-Cu-70m1

31-Ga-71

Radionuclide Production Cross Section -1.319 To 32.60 %

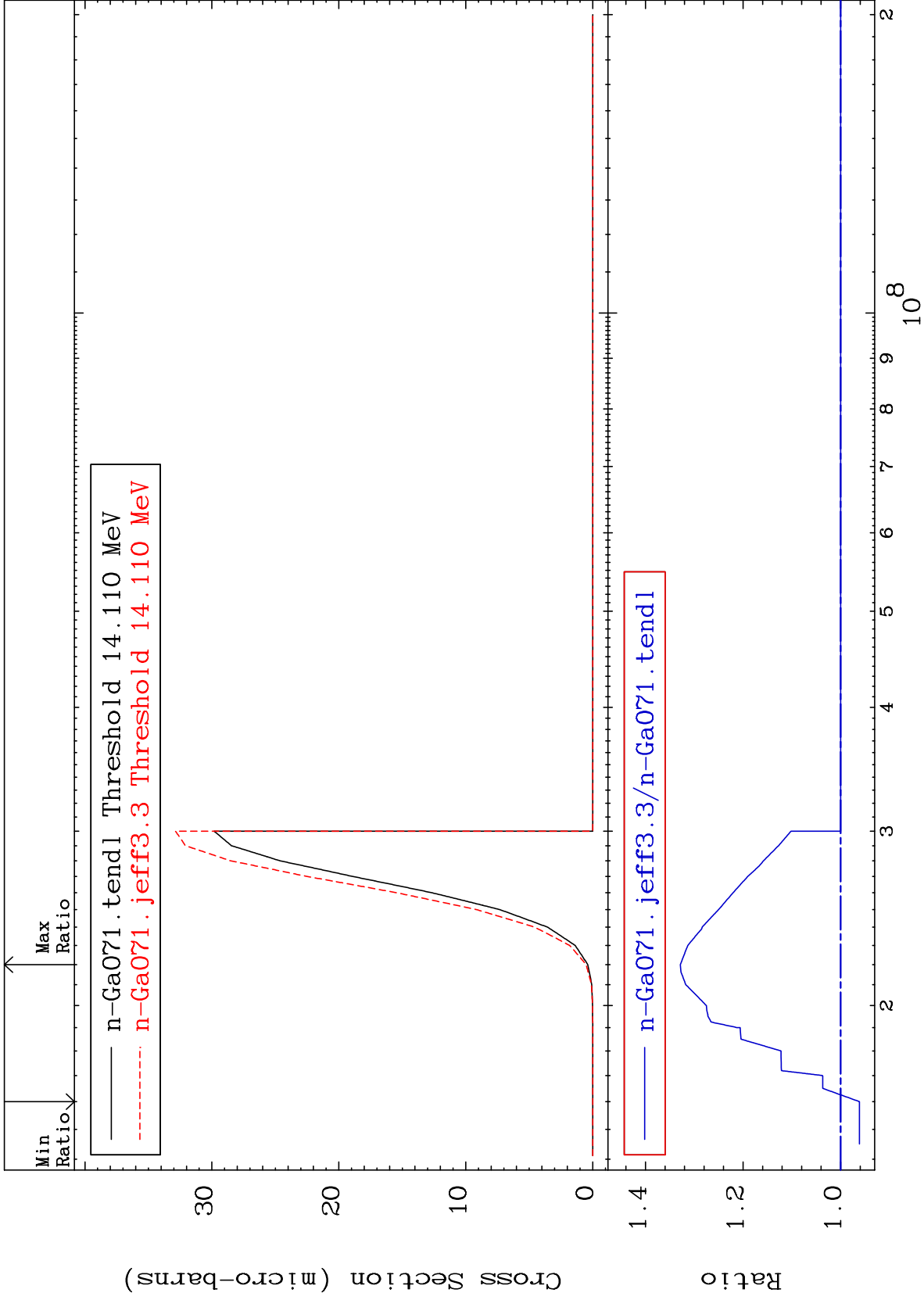


MAT 3131

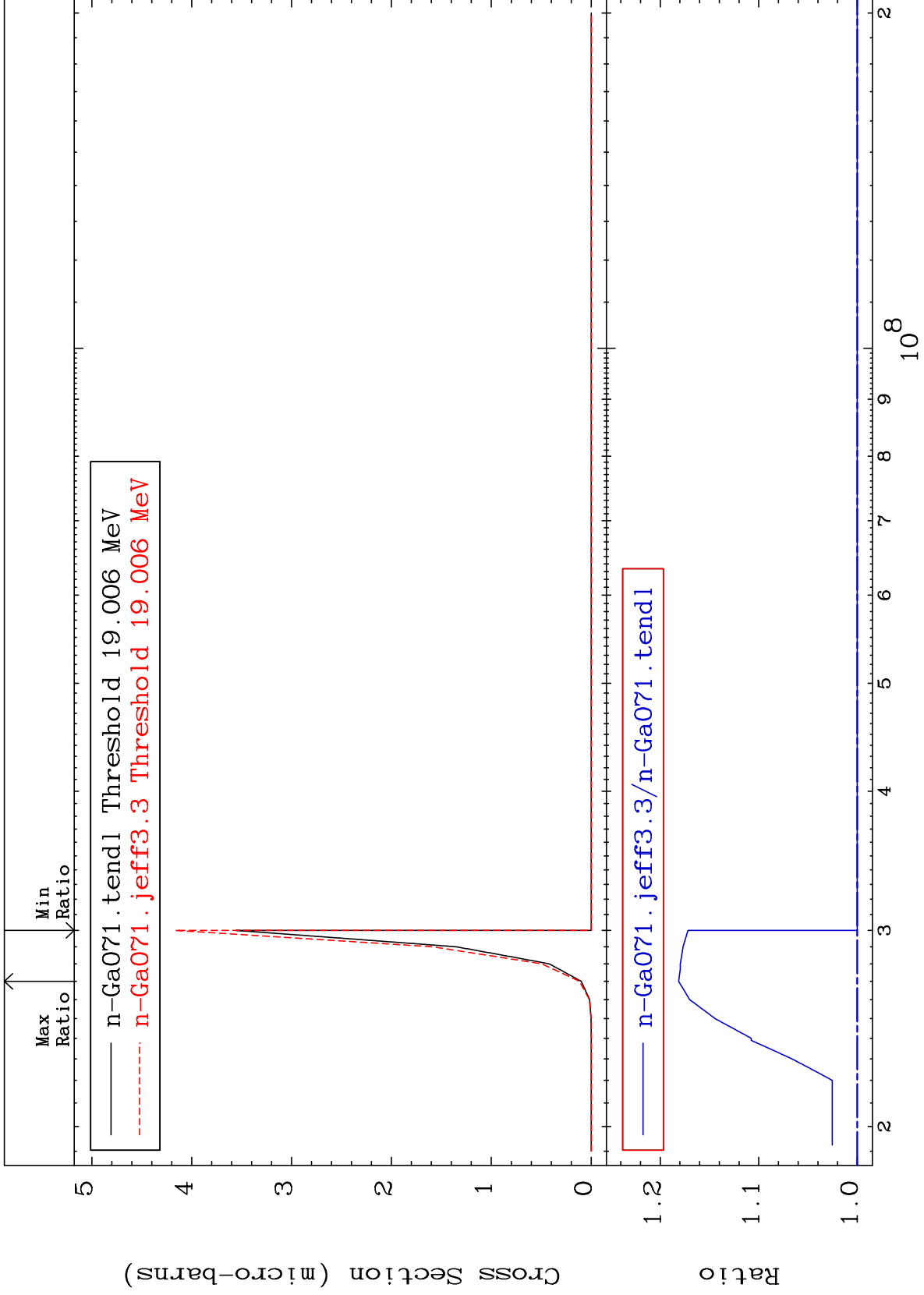
(n,2p):29-Cu-70m3

31-Ga-71

Radionuclide Production Cross Section -3.842 To 32.86 %



Radionuclide Production Cross Section 0.000 To 18.13 %



MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section 0.000 To 17.38 %

