

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

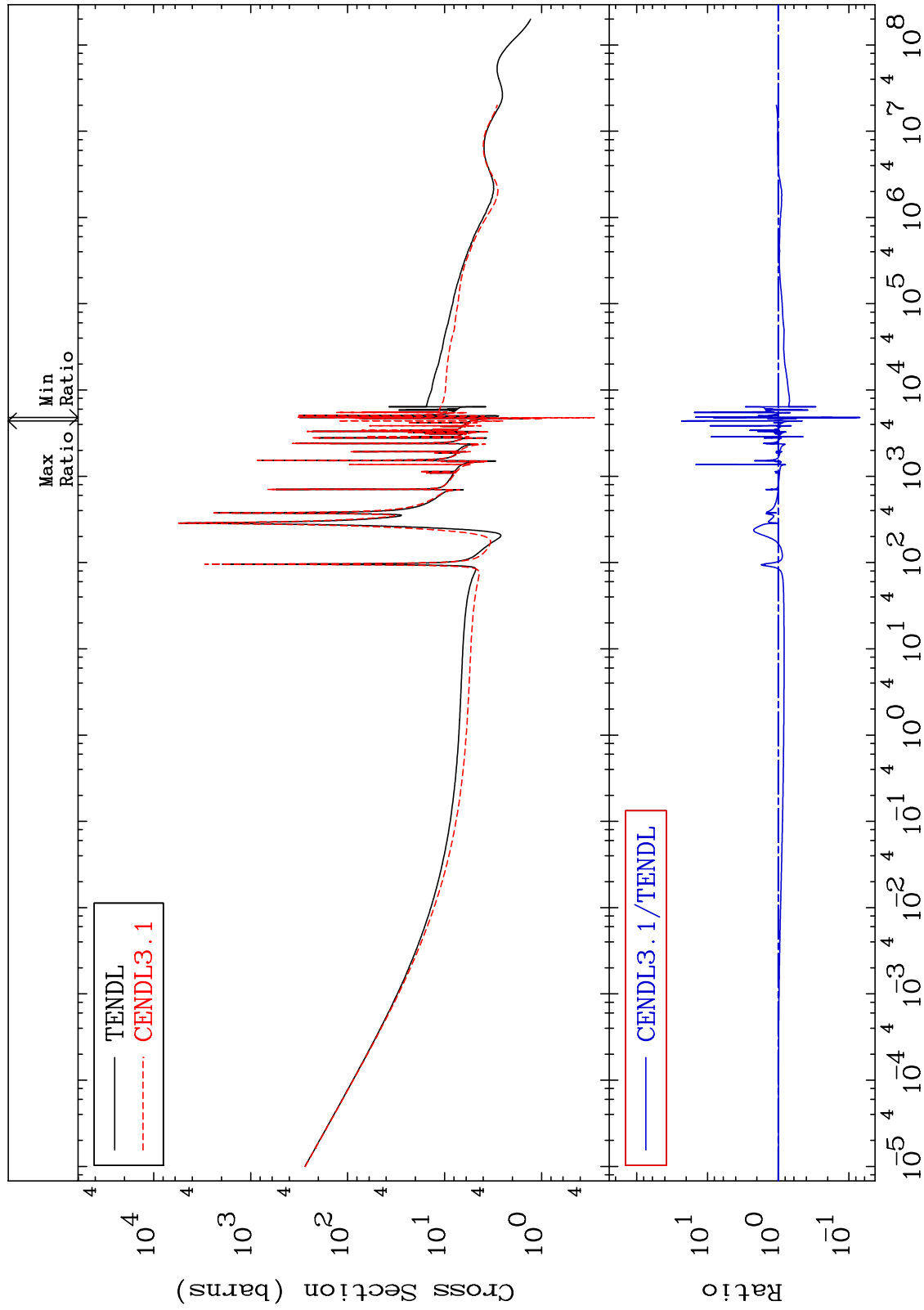
MAT 3131

Total

31-Ga-71

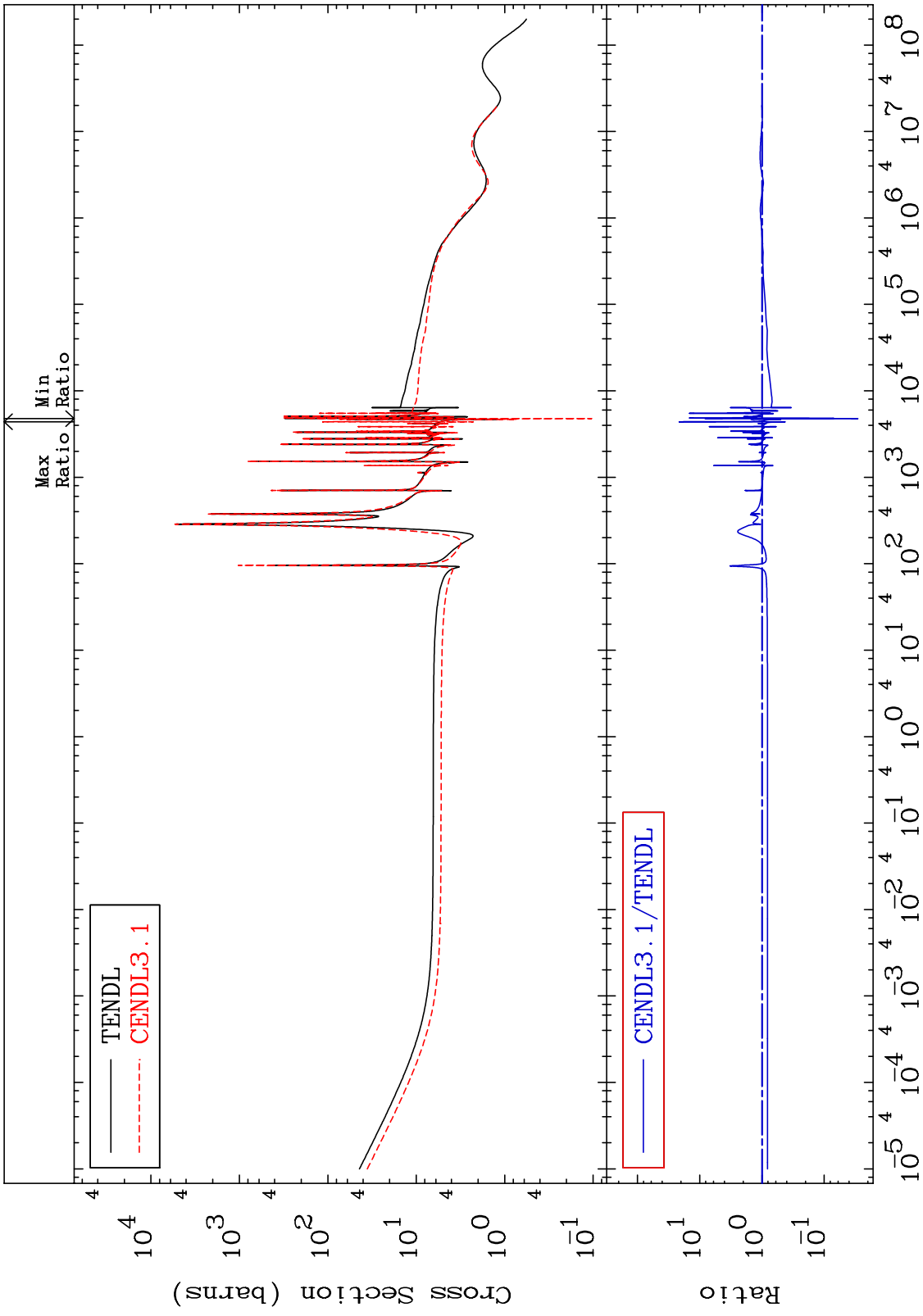
Cross Section

-92.97 To 2235. %

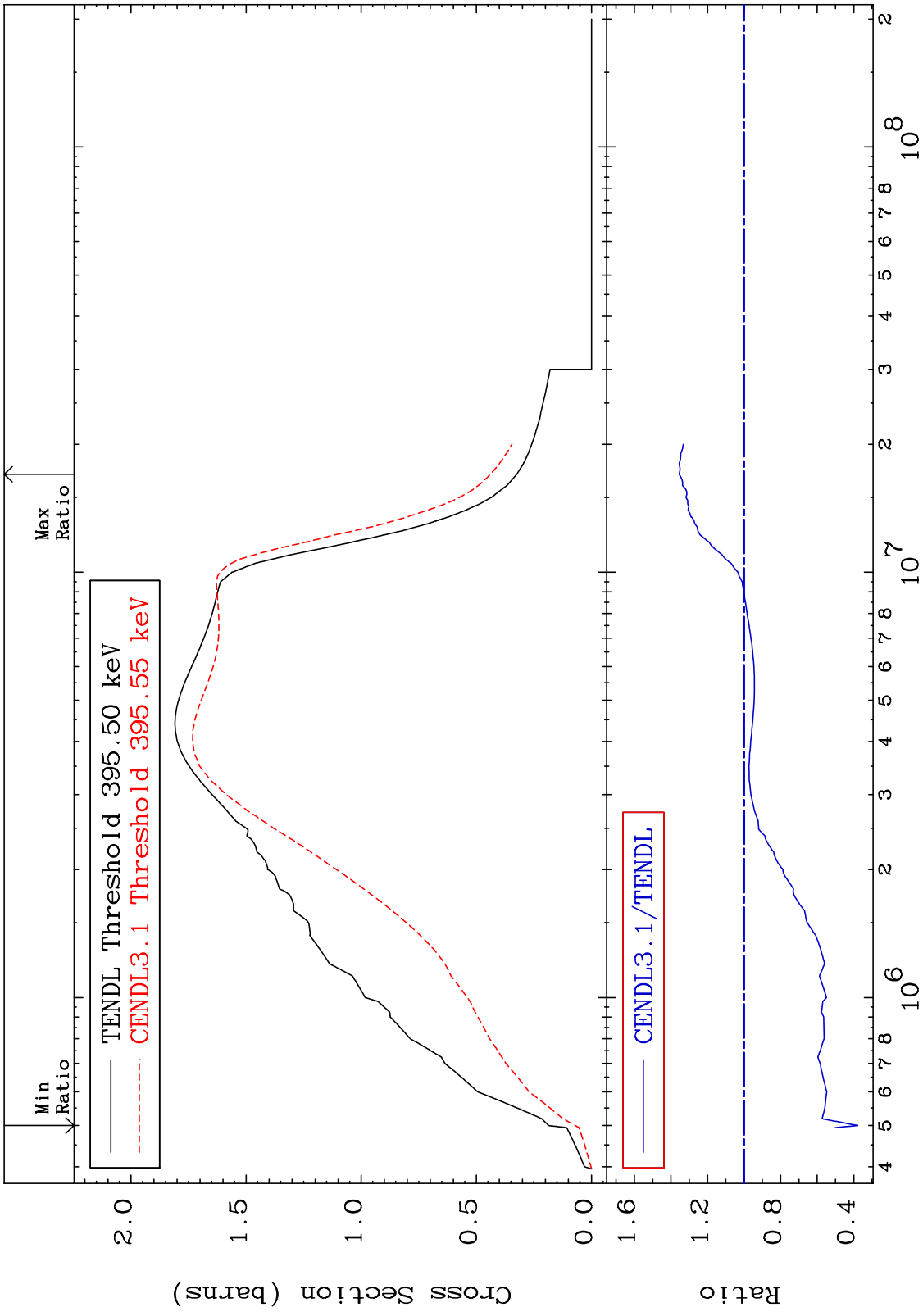


Incident Energy (eV)

31-Ga-71



MAT 3131 Inelastic Cross Section 31-Ga-71 -62.23 To 35.57 %



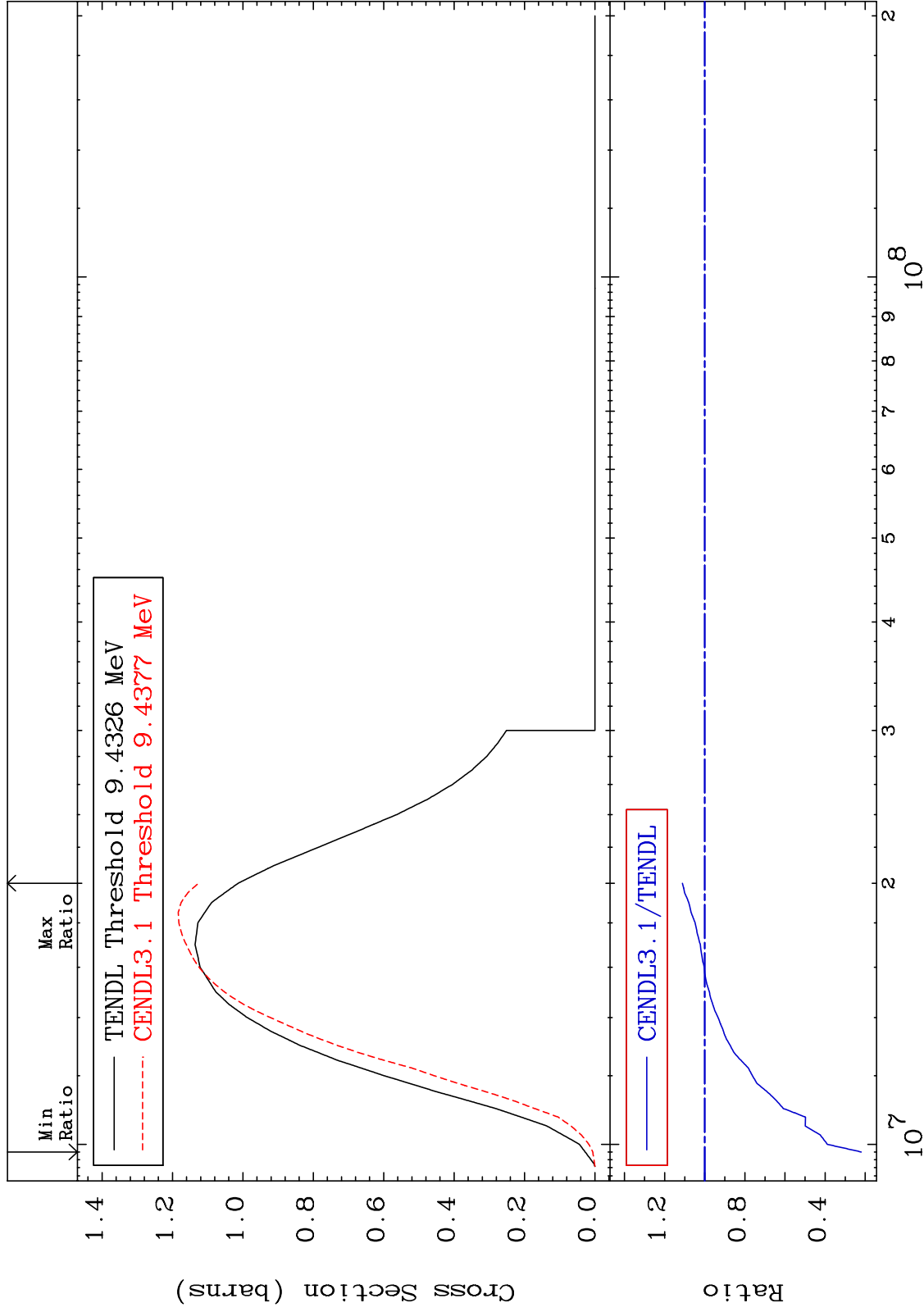
3 31-Ga-71

MAT 3131

(n,2n)

31-Ga-71
-78.03 To 11.11 %

Cross Section



4

Incident Energy (eV)

31-Ga-71

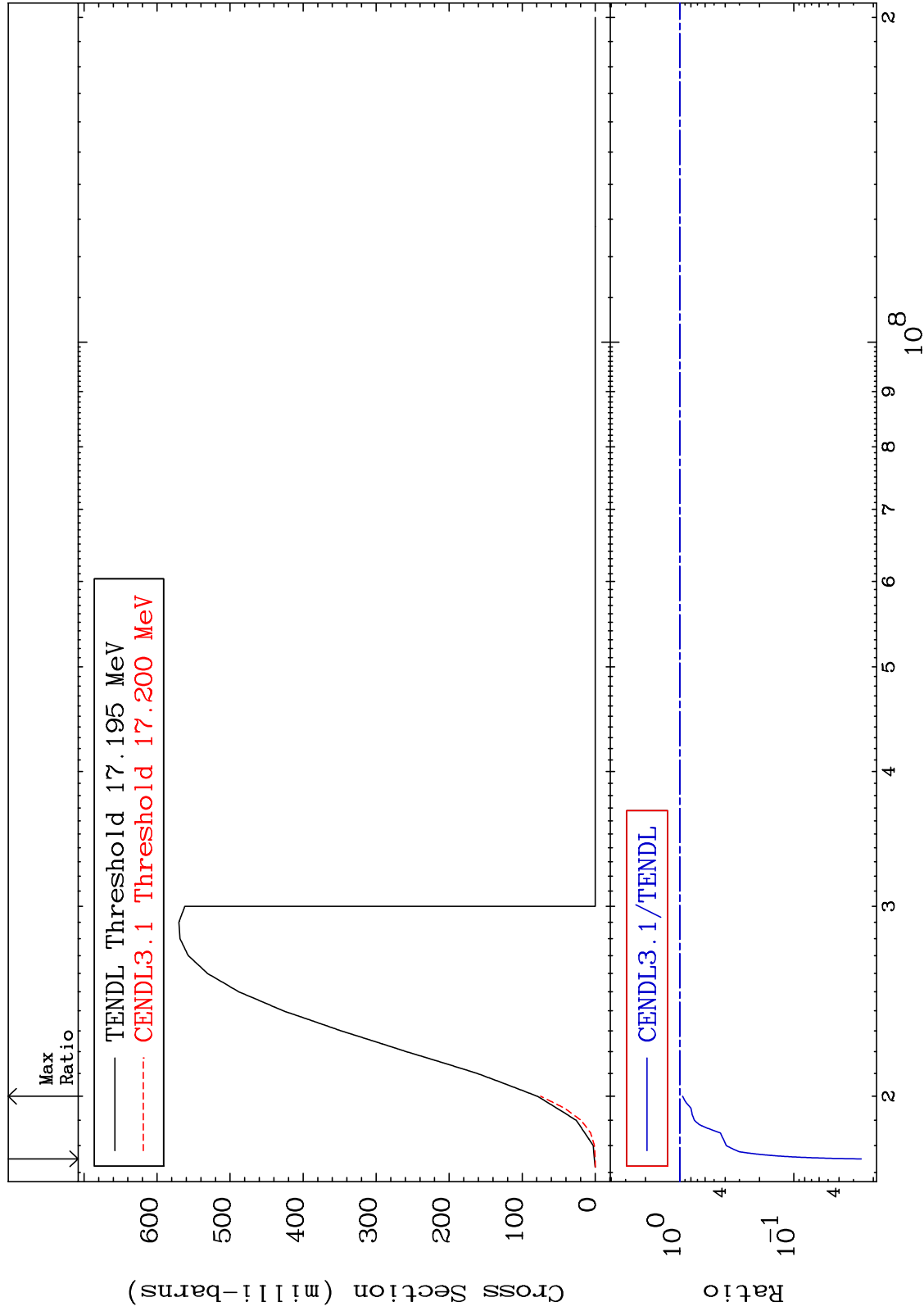
MAT 3131

(n,3n)

³¹Ga-71

Cross Section

-97.45 To -5.542%



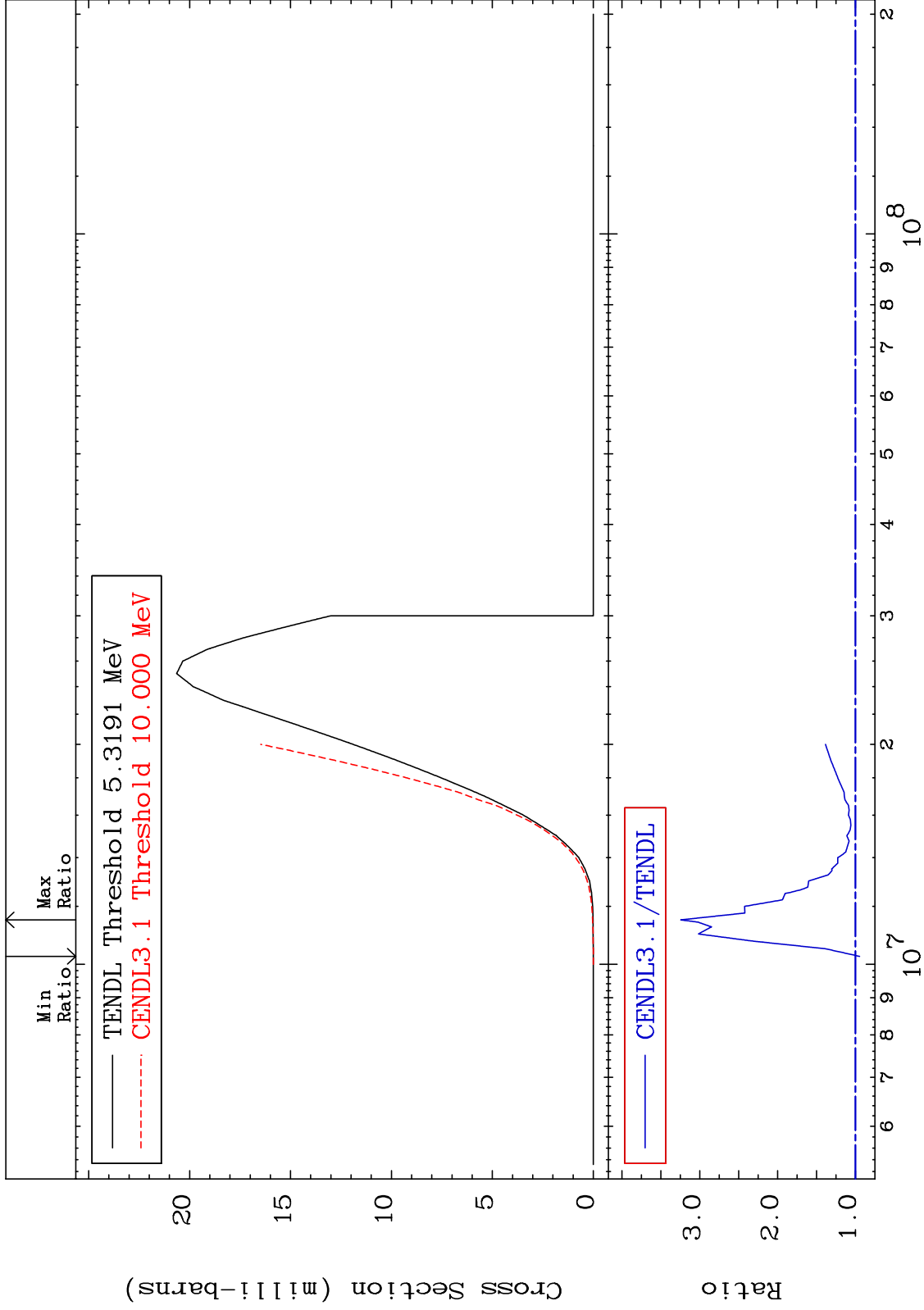
MAT 3131

(n,n') α

31-Ga-71

Cross Section

-5.367 To 224.3 %

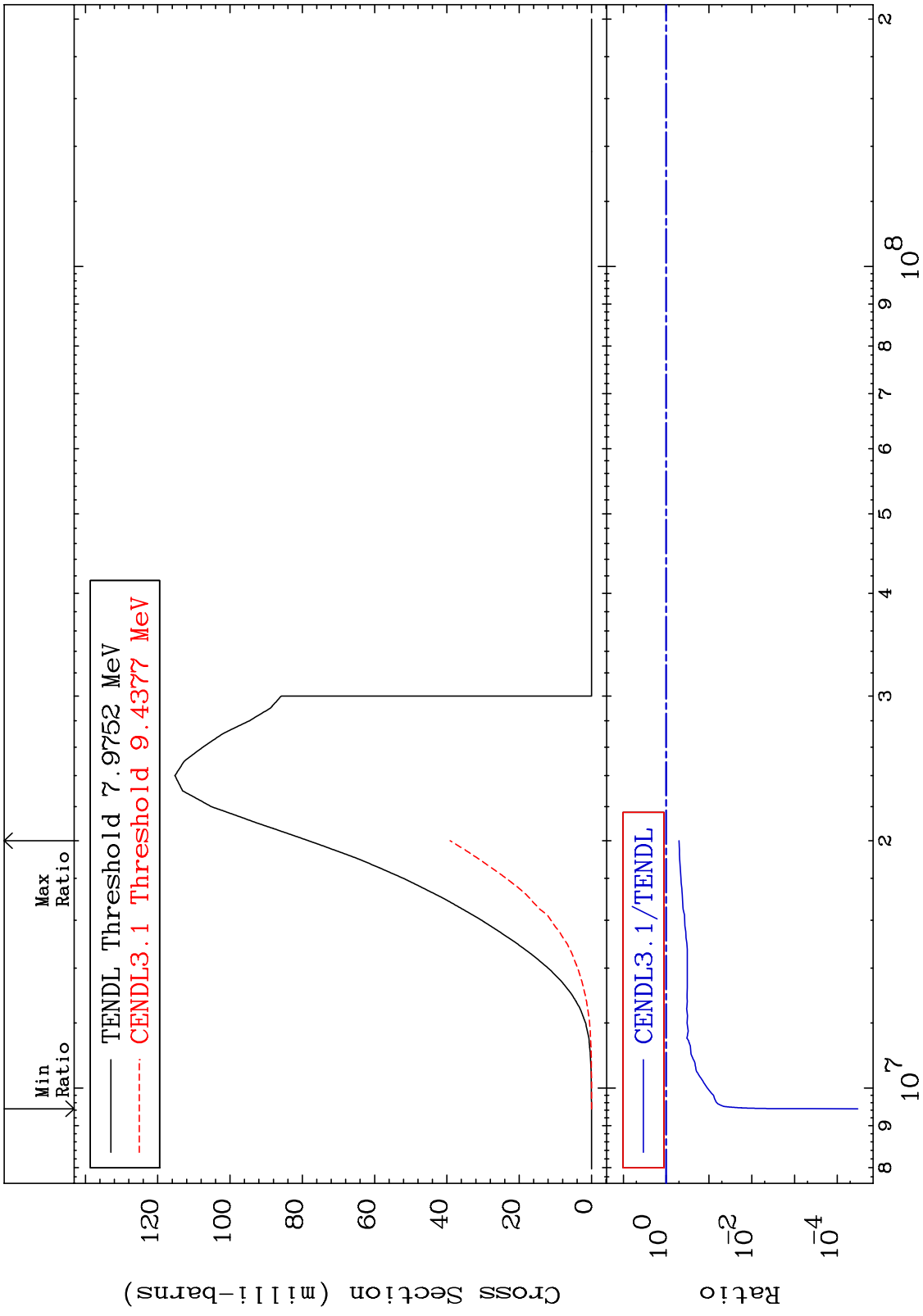


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Incident Energy (eV)

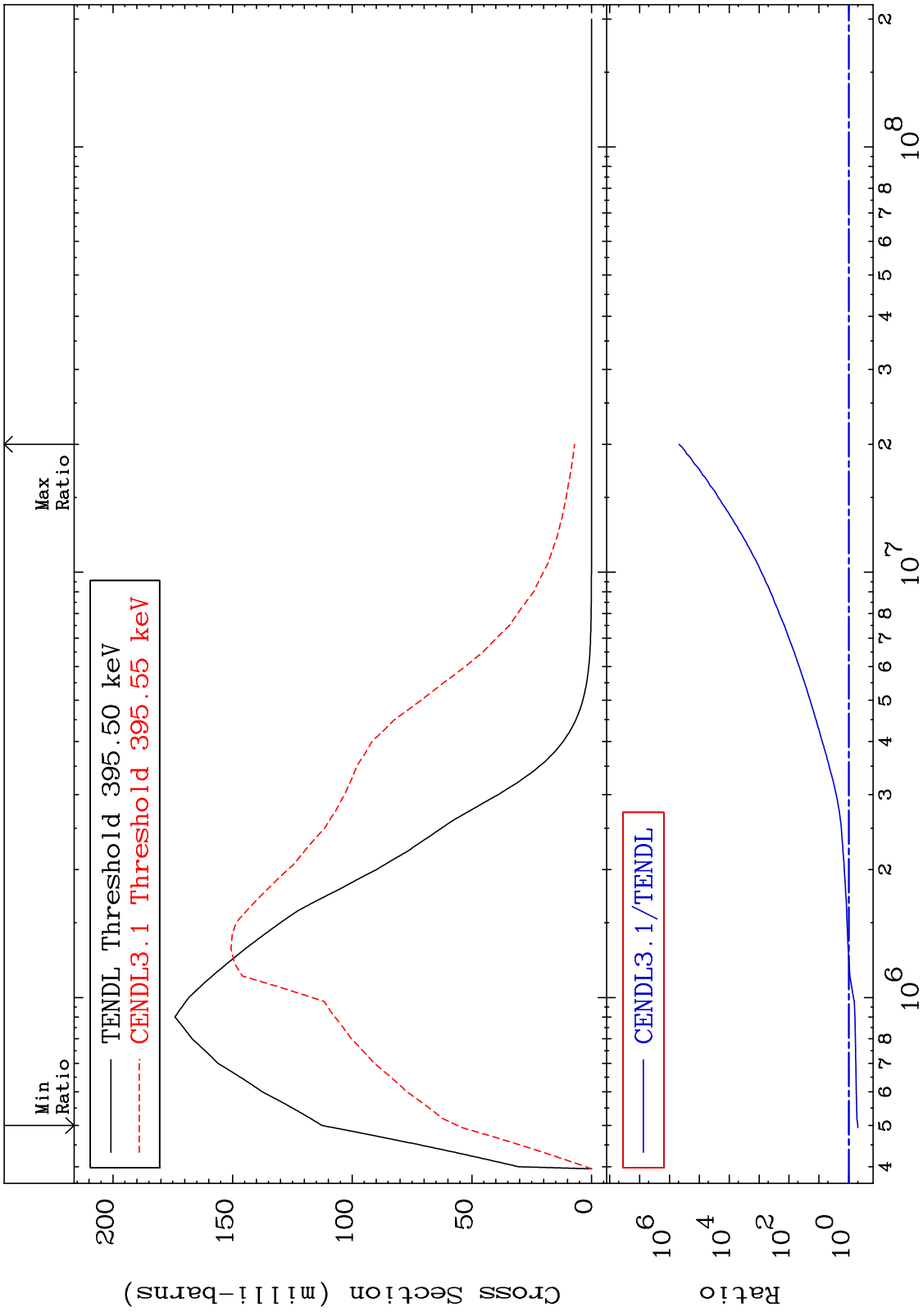
31-Ga-71

MAT 3131 (n, n') p $^{31}\text{Ga-71}$
 Cross Section -100.0 To -50.01%



Incident Energy (eV) $^{31}\text{Ga-71}$

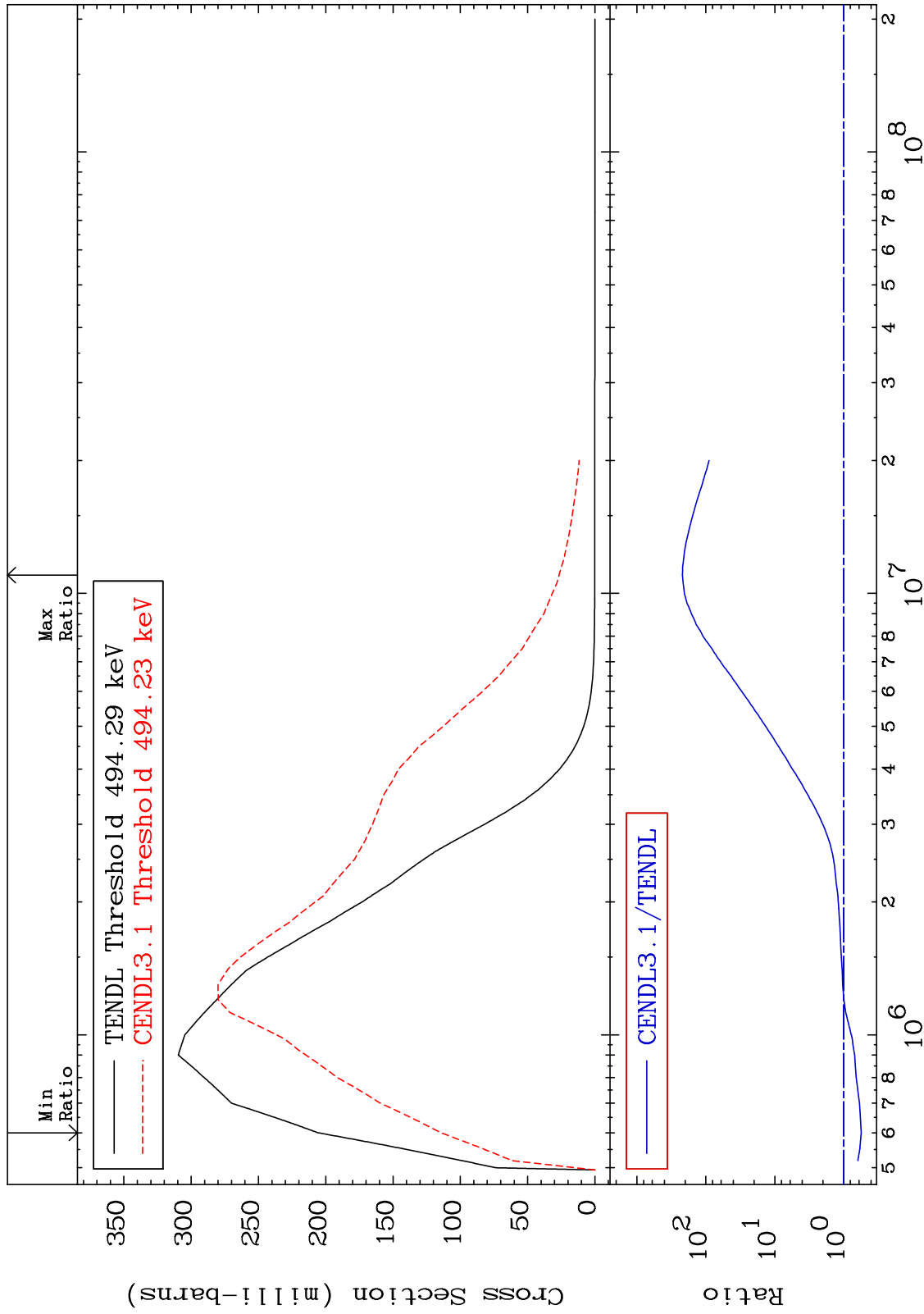
MAT 3131 MT= 51 (n,n') Level Cross Section 31-Ga-71 -50.30 To 9999. %



MAT 3131

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

31-Ga-71
-44.36 To 9999. %



9

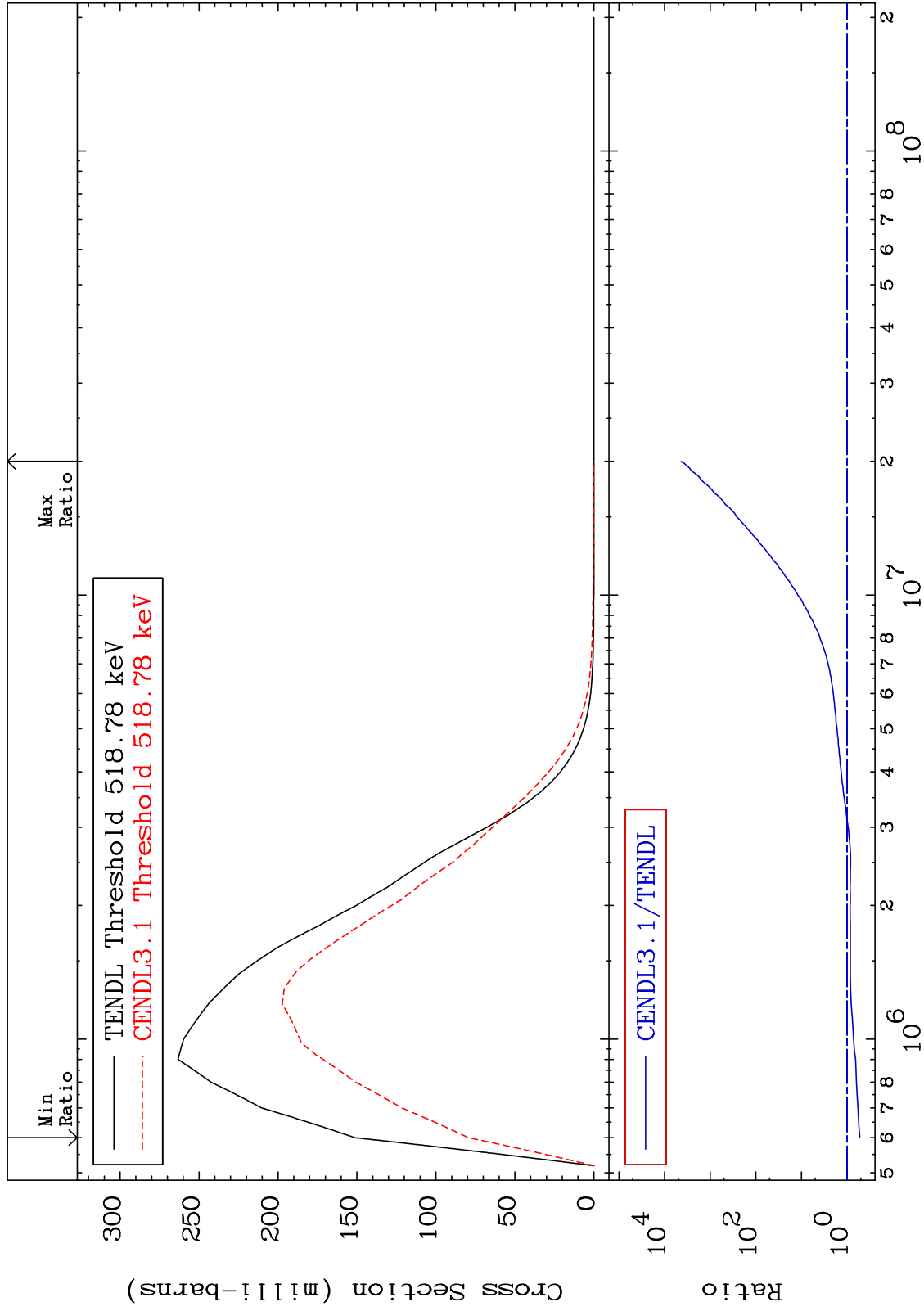
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-47.43 To 9999. %



10

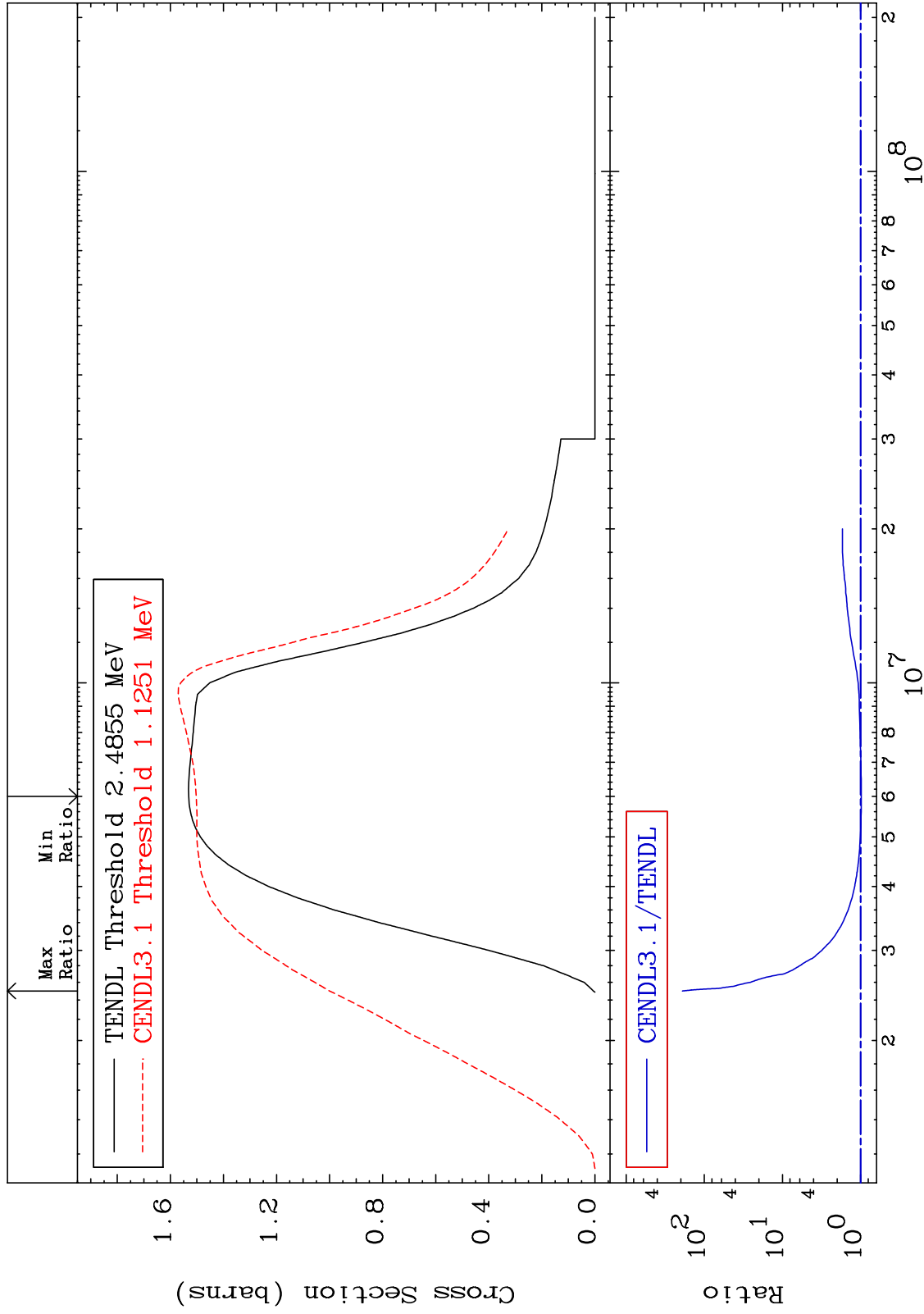
Incident Energy (eV)

31-Ga-71

MAT 3131

(n,n') Continuum
Cross Section

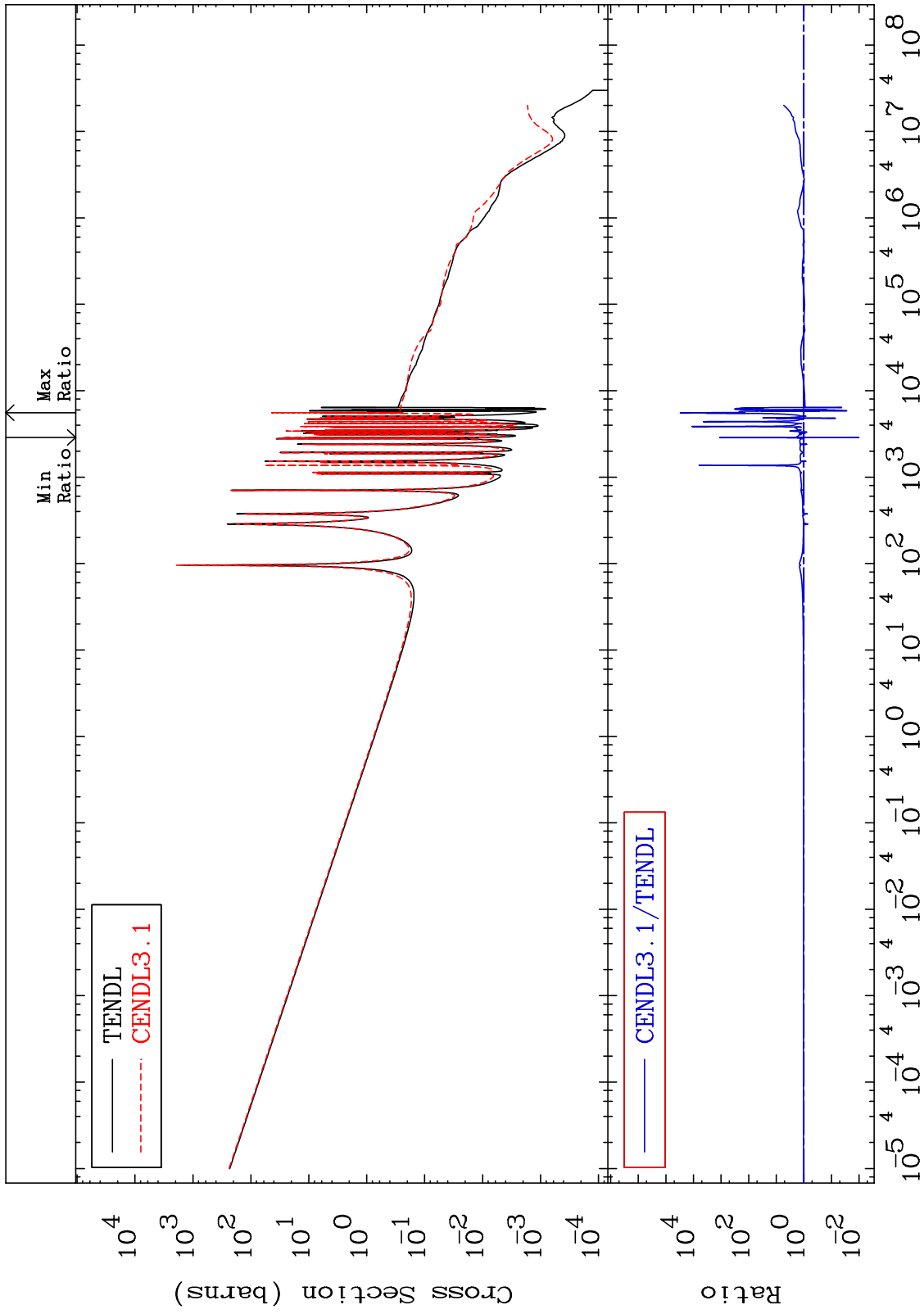
31-Ga-71
-1.861 To 9999. %



MAT 3131

(n, γ)
Cross Section

31-Ga-71
-98.98 To 9999. %



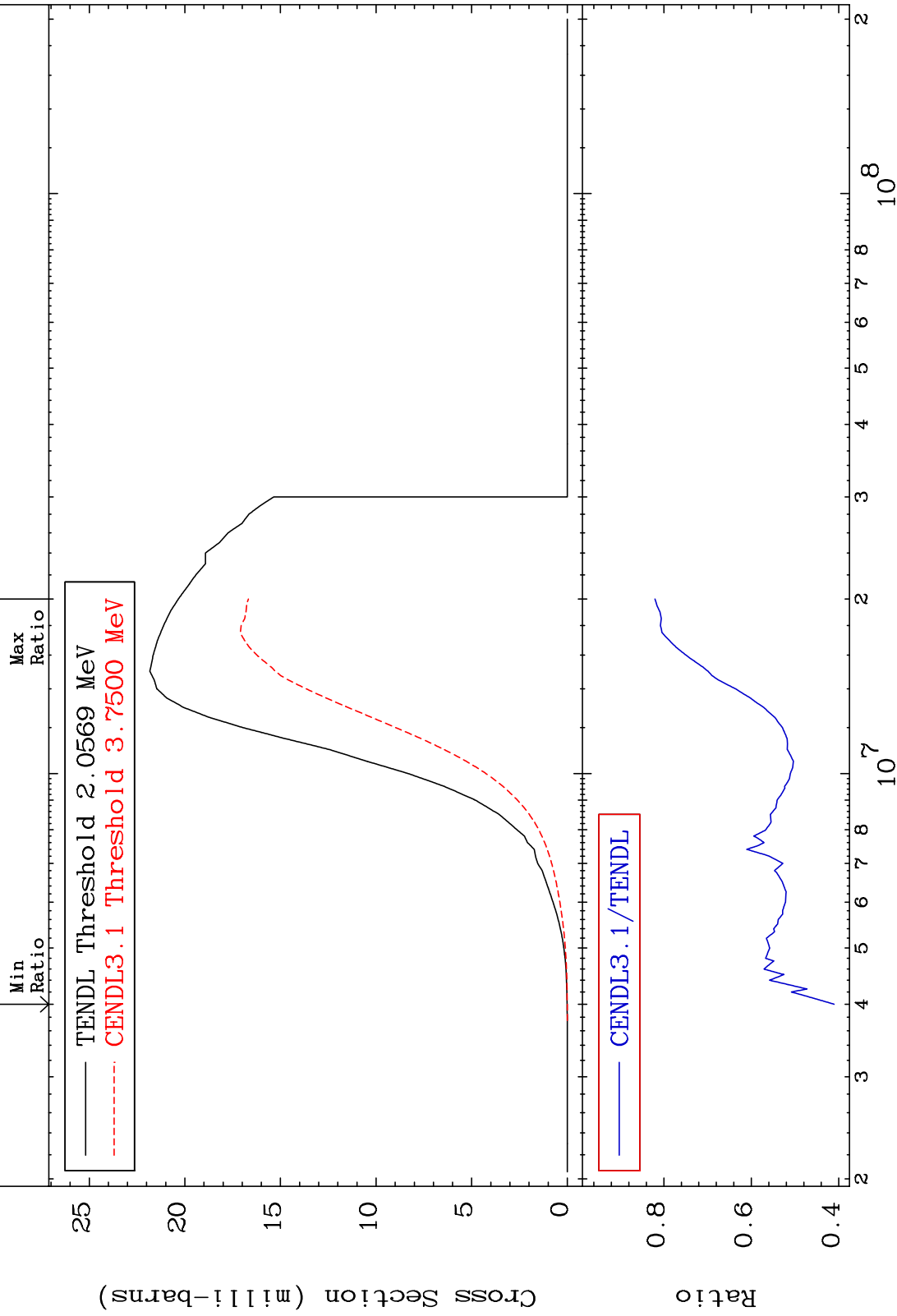
MAT 3131

(n,p)

³¹Ga-71

-58.94 To -17.98%

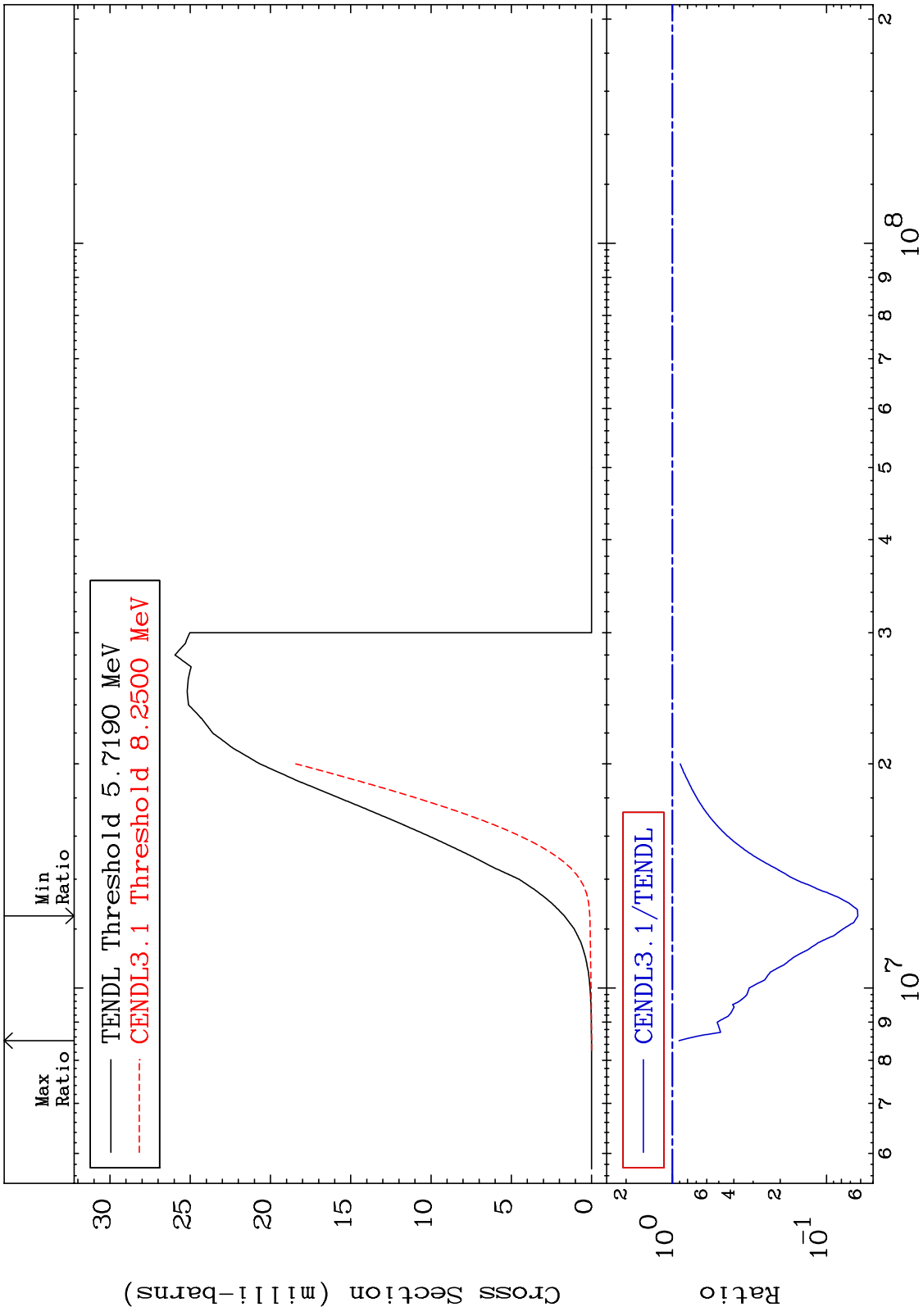
Cross Section



13

Incident Energy (eV)

³¹Ga-71



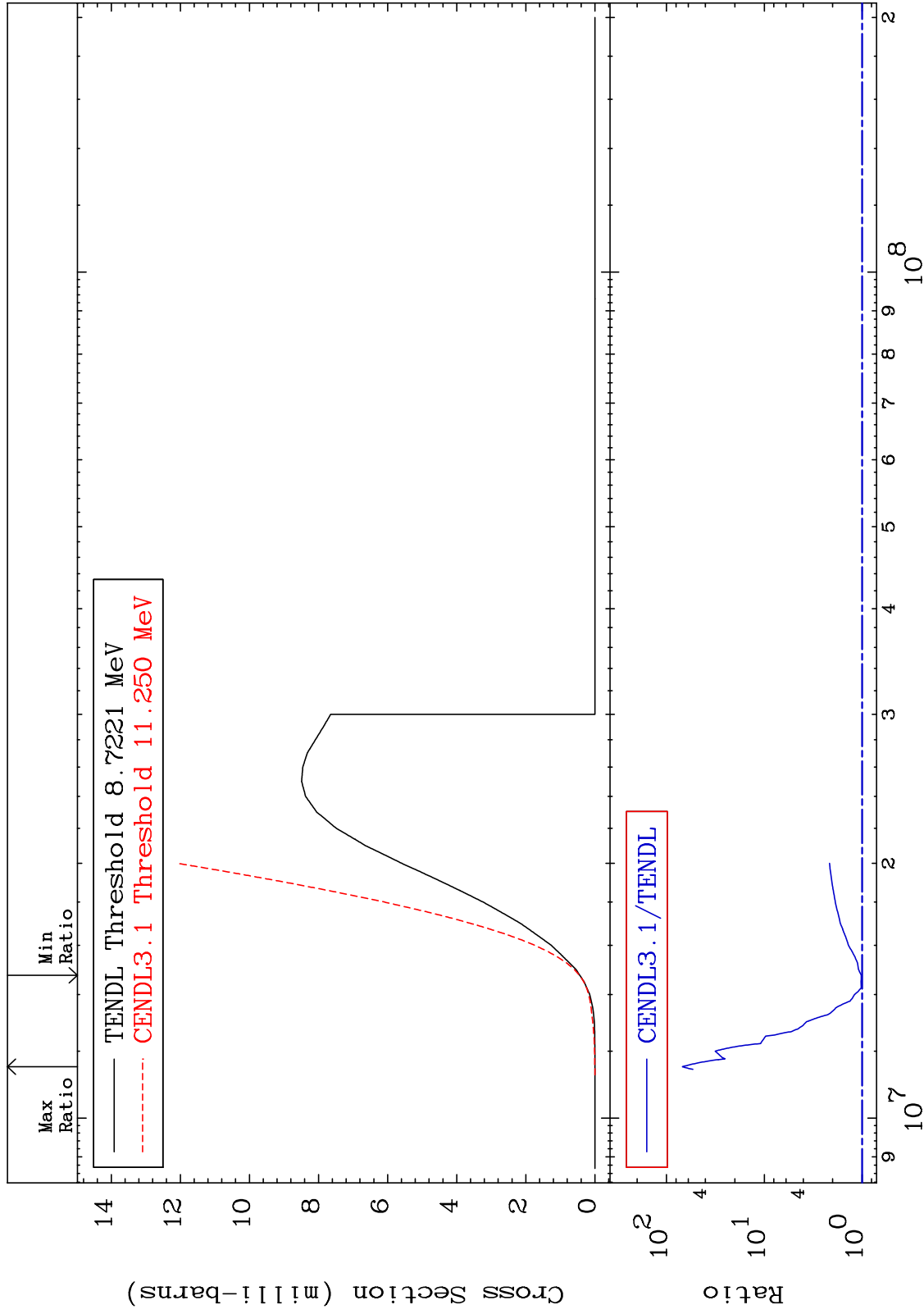
MAT 3131

(n,t)

31-Ga-71

Cross Section

2.013 To 6773. %



15

Incident Energy (eV)

31-Ga-71

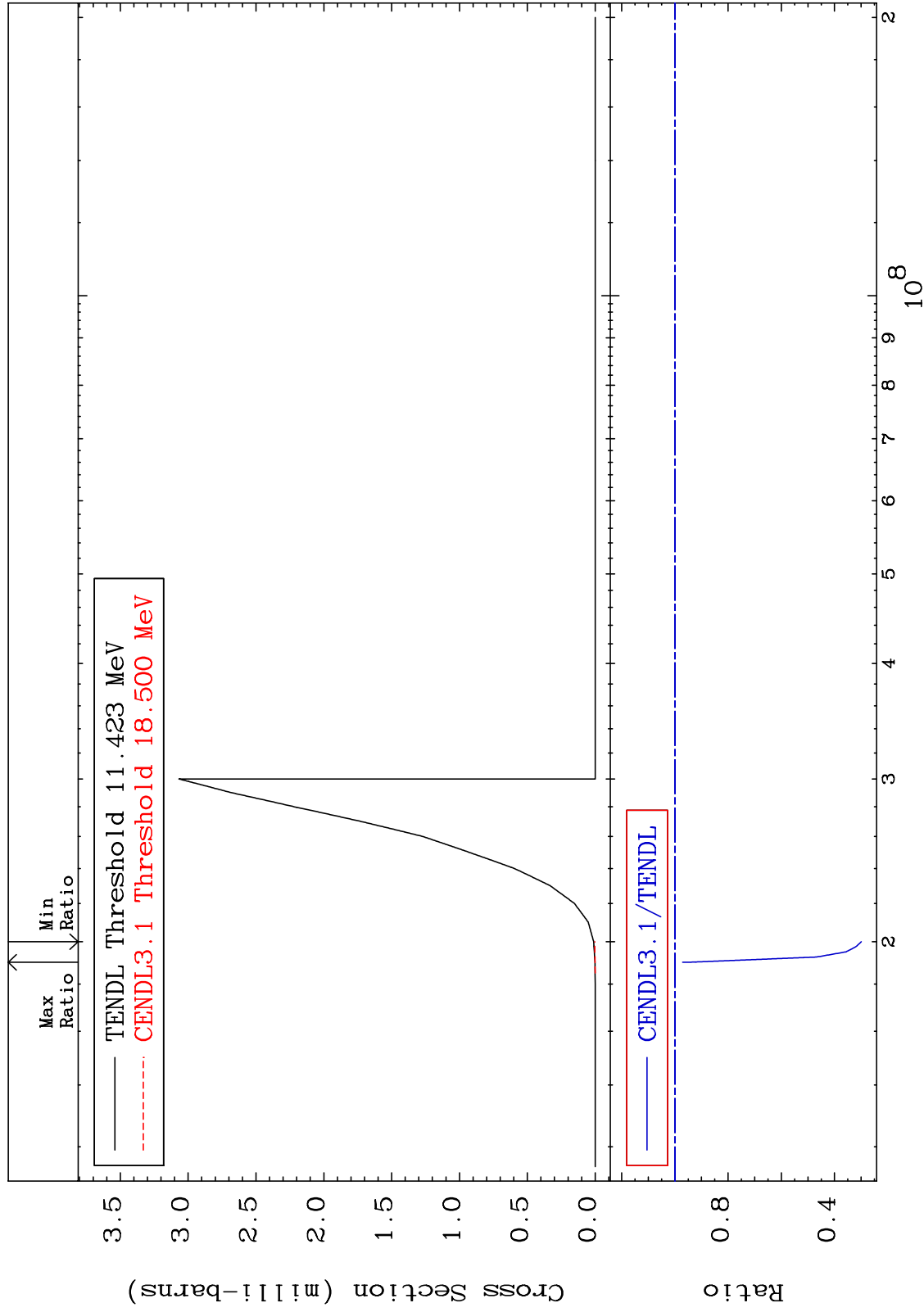
MAT 3131

(n, He-3)

31-Ga-71

Cross Section

-70.08 To -2.929%



16

Incident Energy (eV)

31-Ga-71

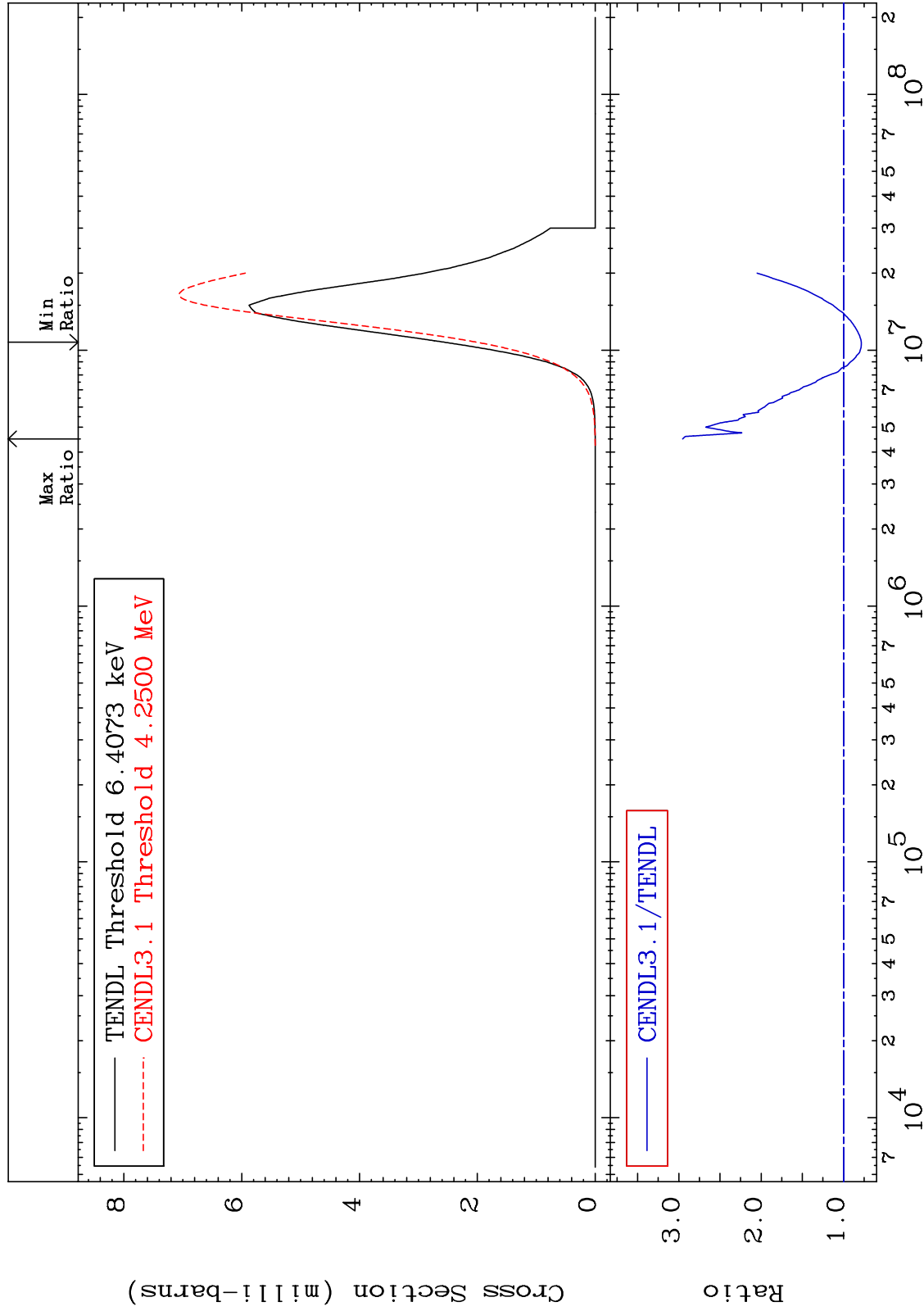
MAT 3131

(n, α)

31-Ga-71

Cross Section

-21.60 To 195.3 %



17

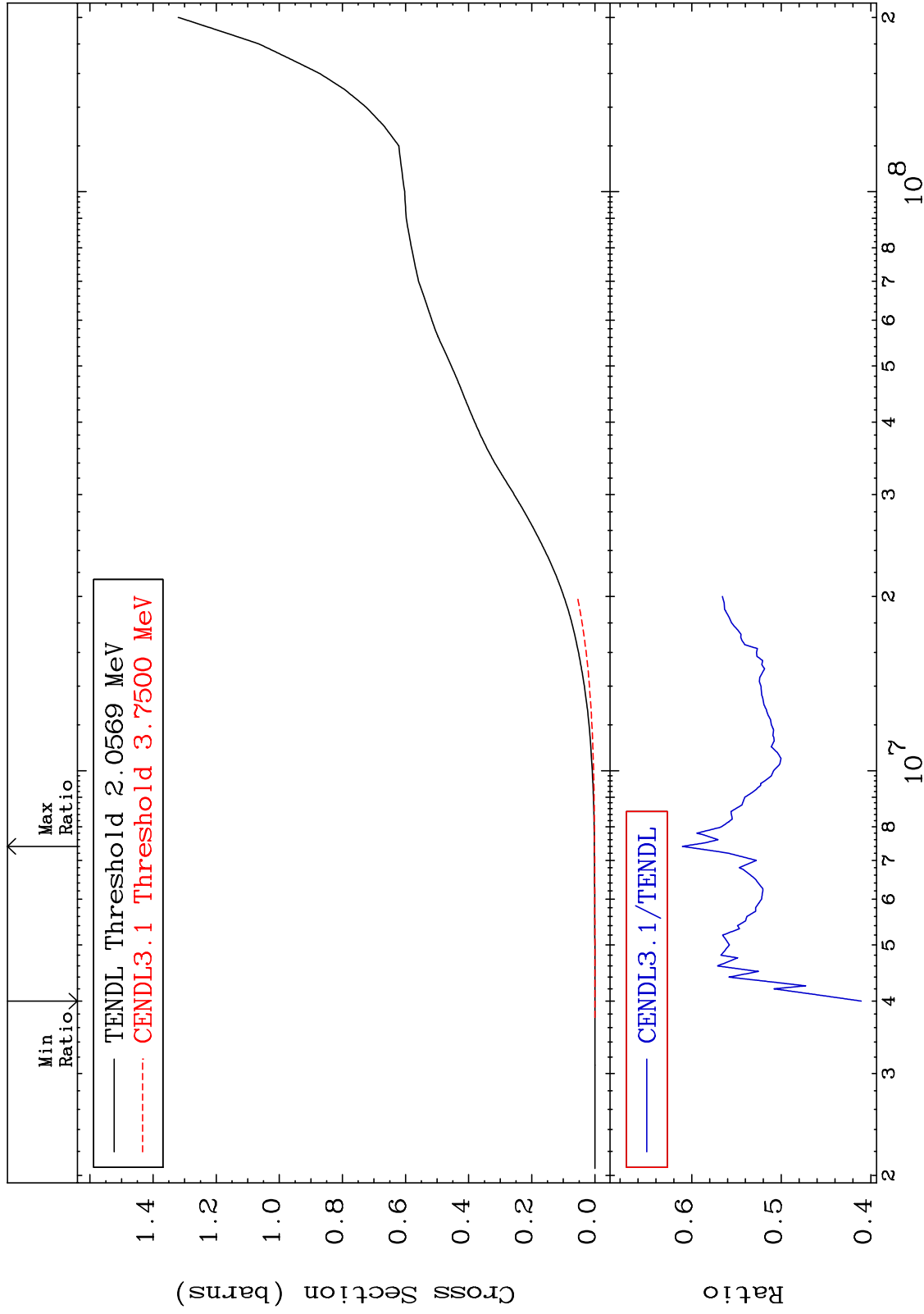
Incident Energy (eV)

31-Ga-71

MAT 3131

Hydrogen Production
Cross Section

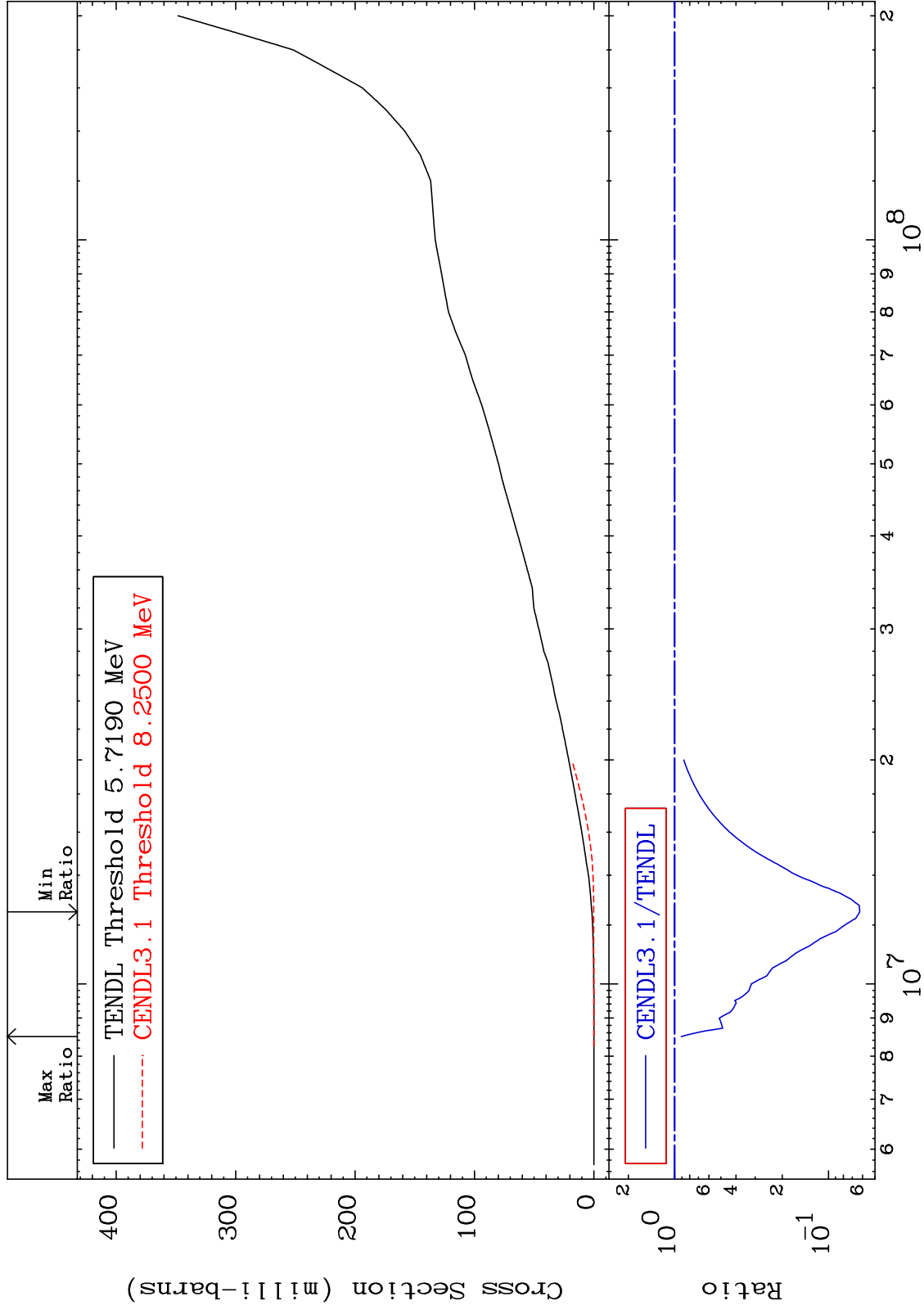
³¹Ga-71
-58.94 To -38.96%



MAT 3131

Deuterium Production
Cross Section

31-Ga-71
-93.74 To -9.332%



19

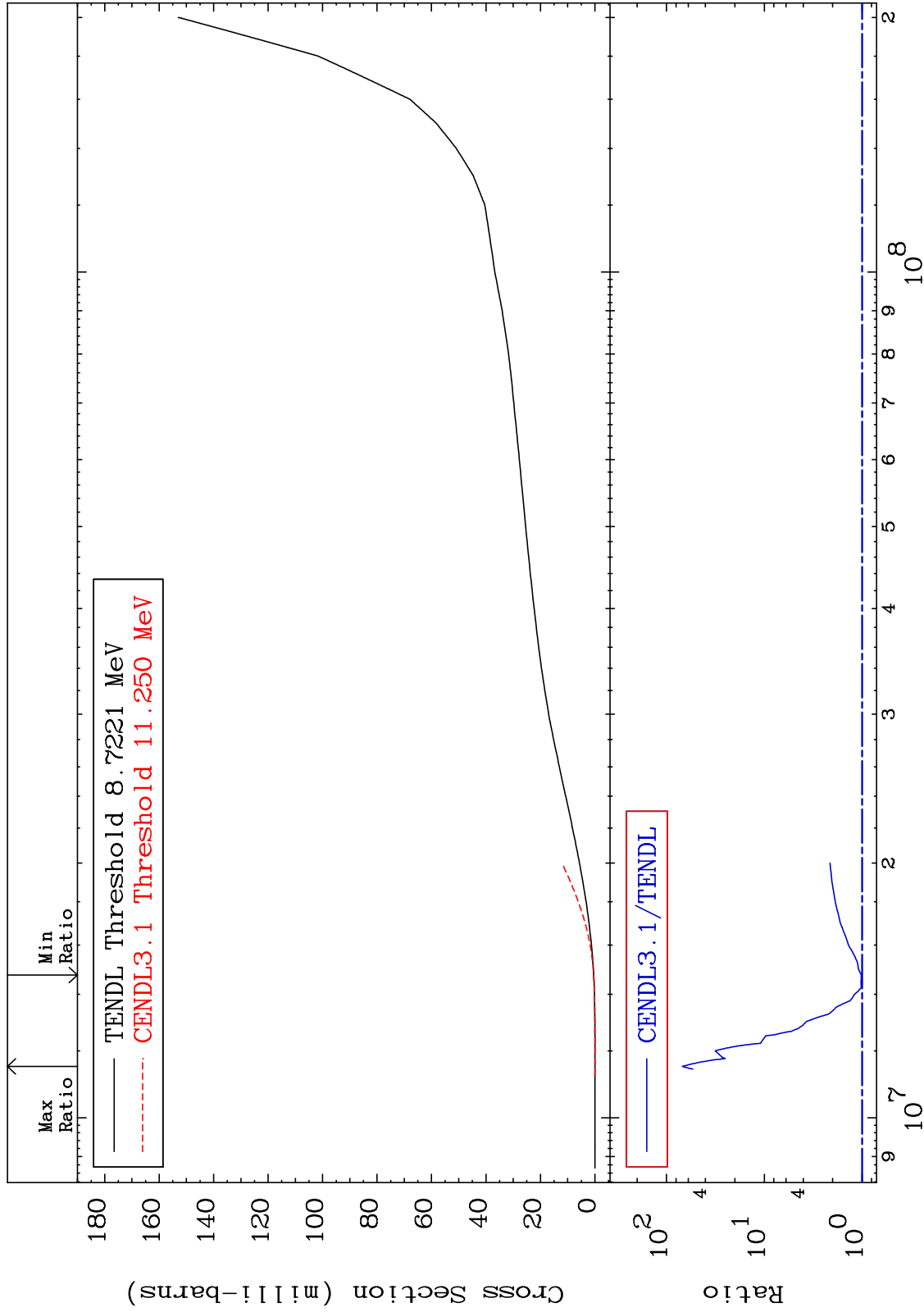
Incident Energy (eV)

31-Ga-71

MAT 3131

Tritium Production
Cross Section

31-Ga-71
2.013 To 6773. %



20

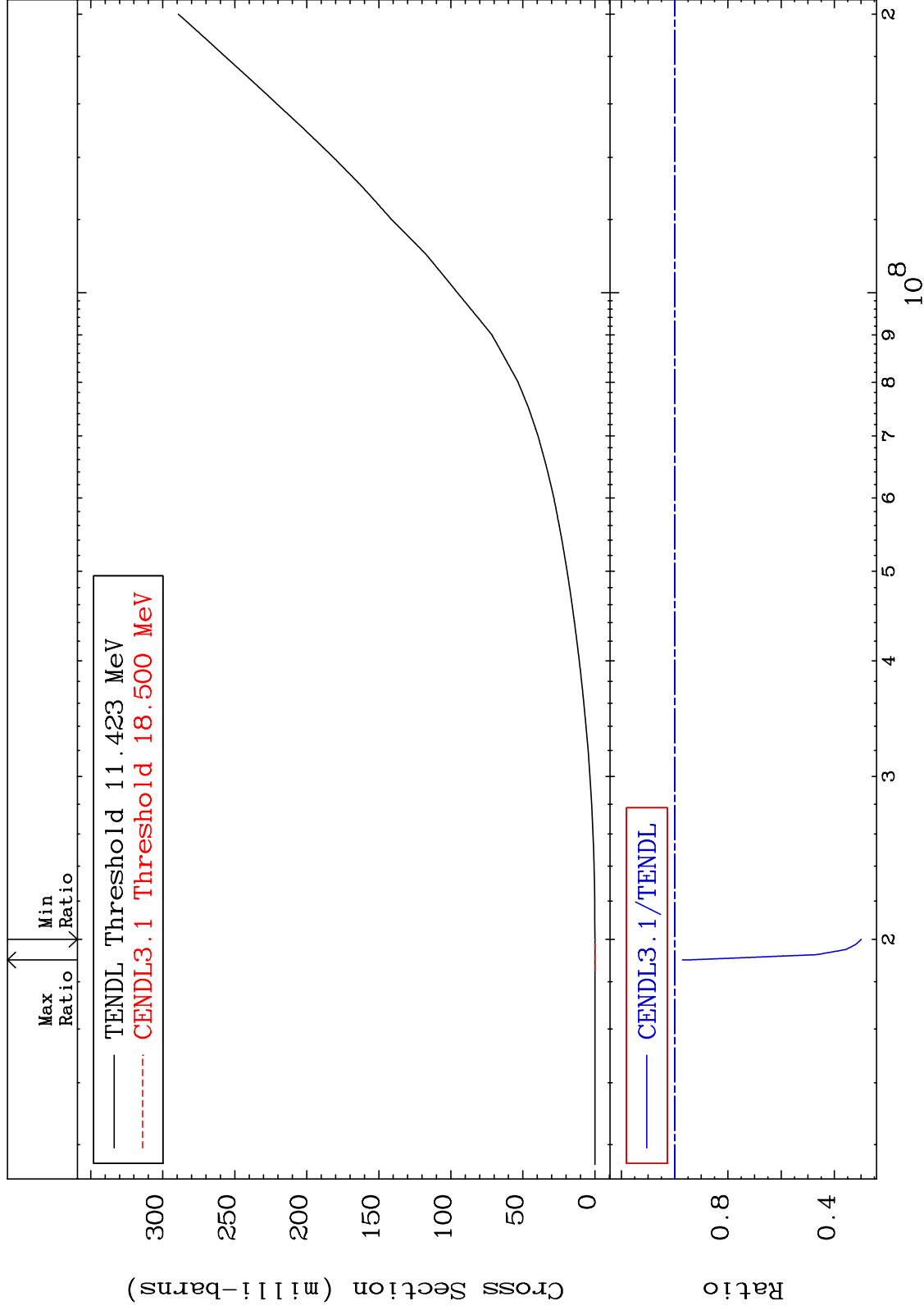
Incident Energy (eV)

31-Ga-71

MAT 3131

He-3 Production
Cross Section

31-Ga-71
-70.08 To -2.929%



21

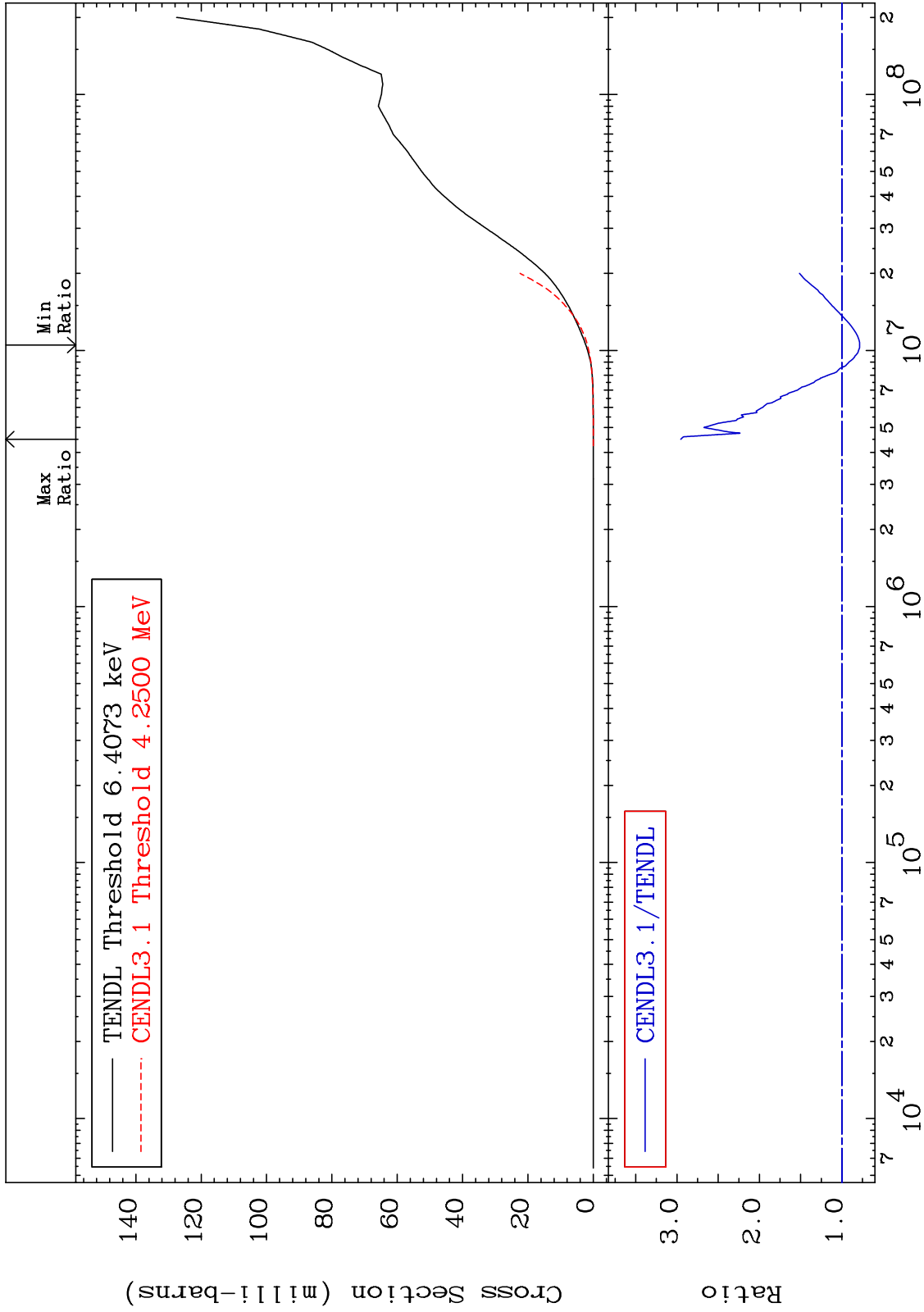
Incident Energy (eV)

31-Ga-71

MAT 3131

He-4 Production
Cross Section

31-Ga-71
-21.50 To 195.3 %



22

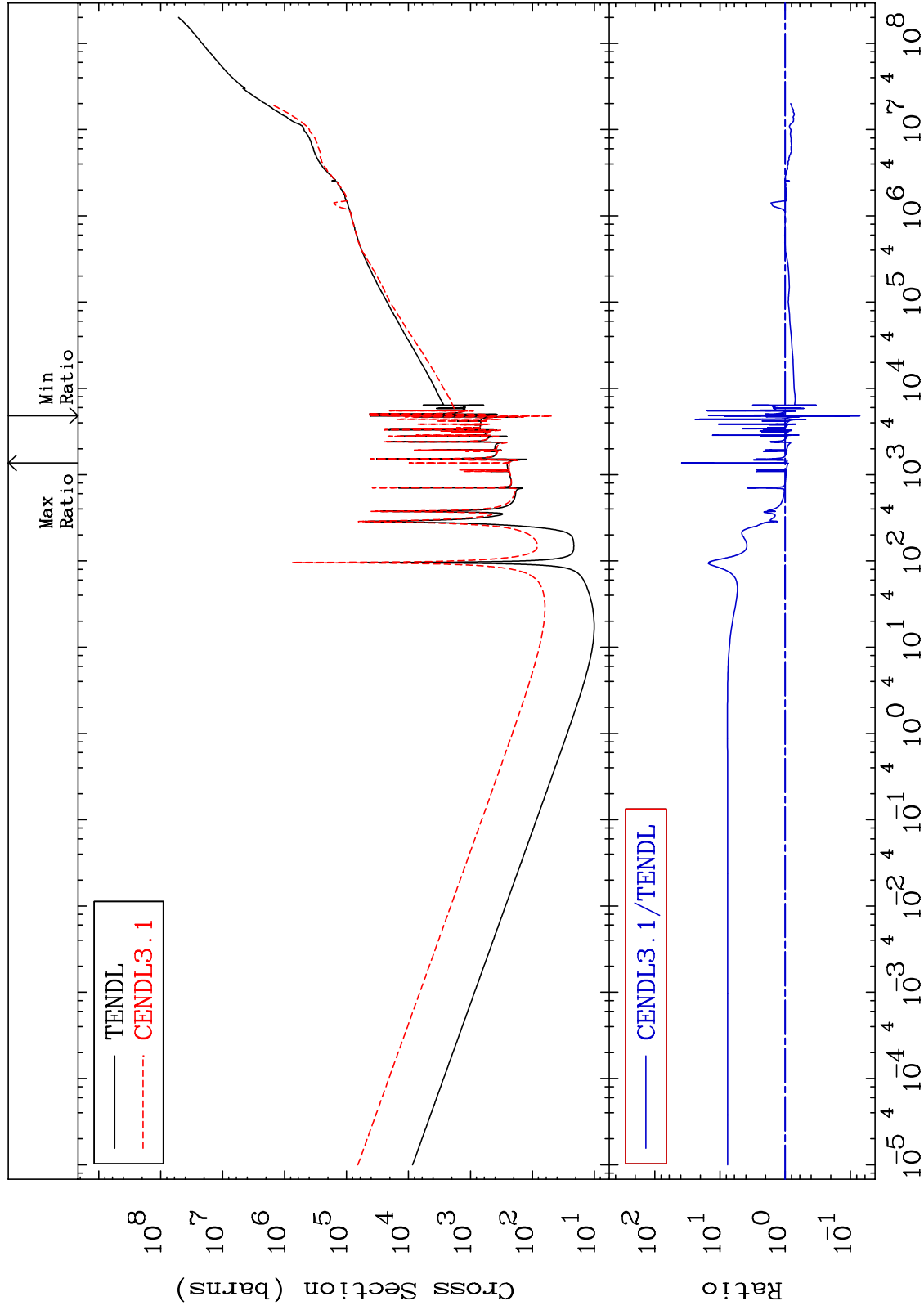
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma total (eV-barns)
Cross Section

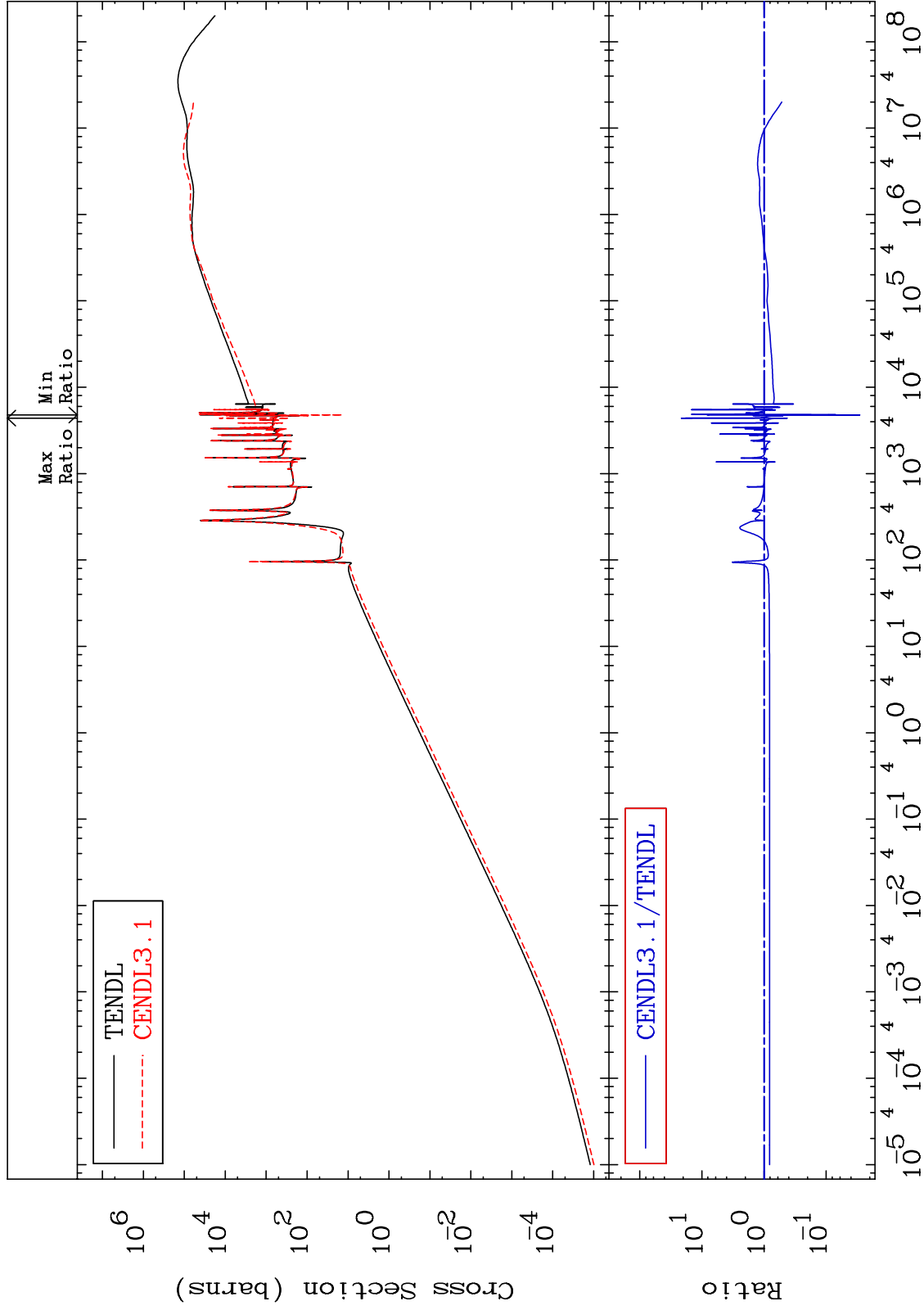
31-Ga-71
-92.81 To 3798. %



MAT 3131

Kerma elastic
Cross Section

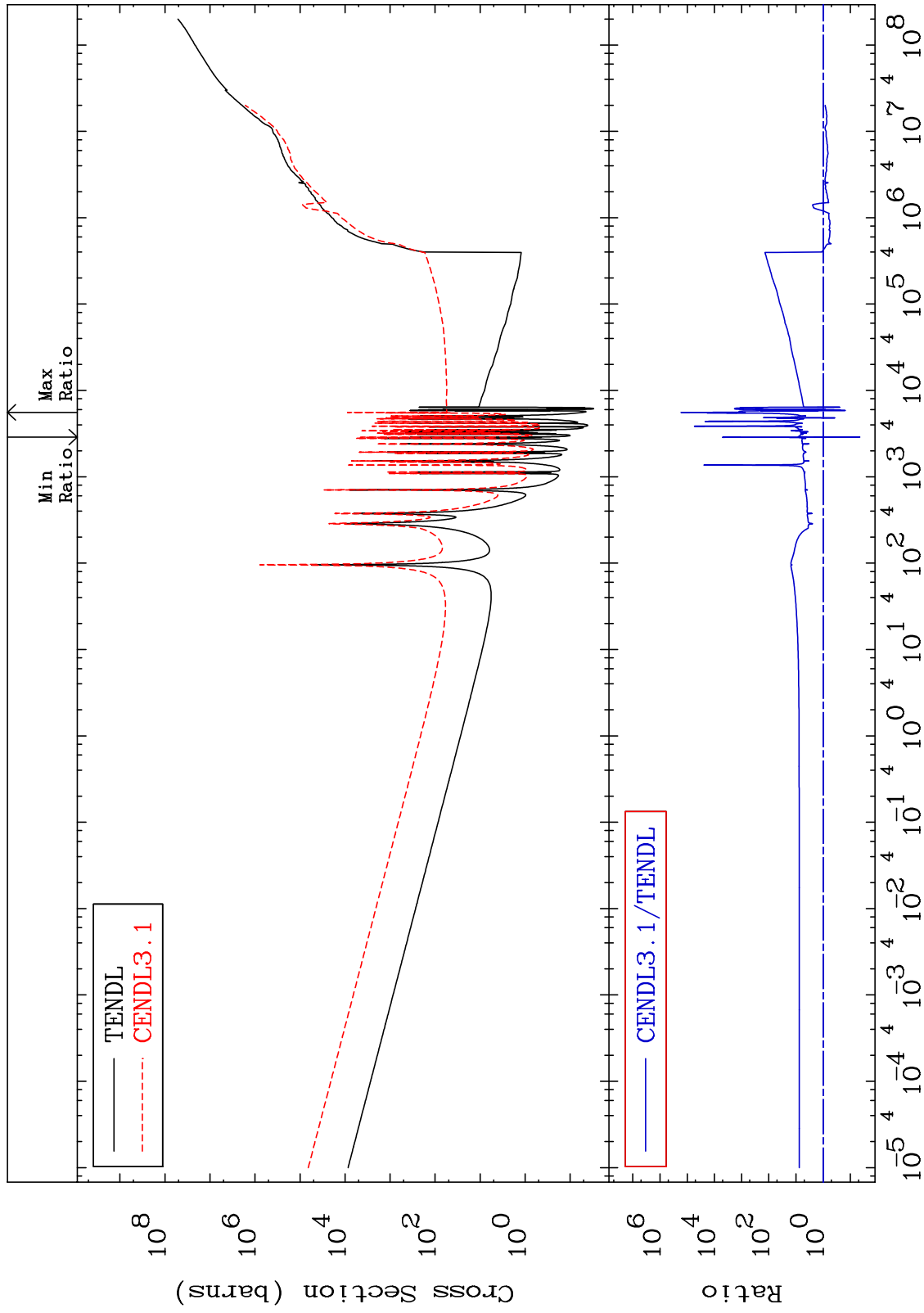
31-Ga-71
-97.11 To 2048. %

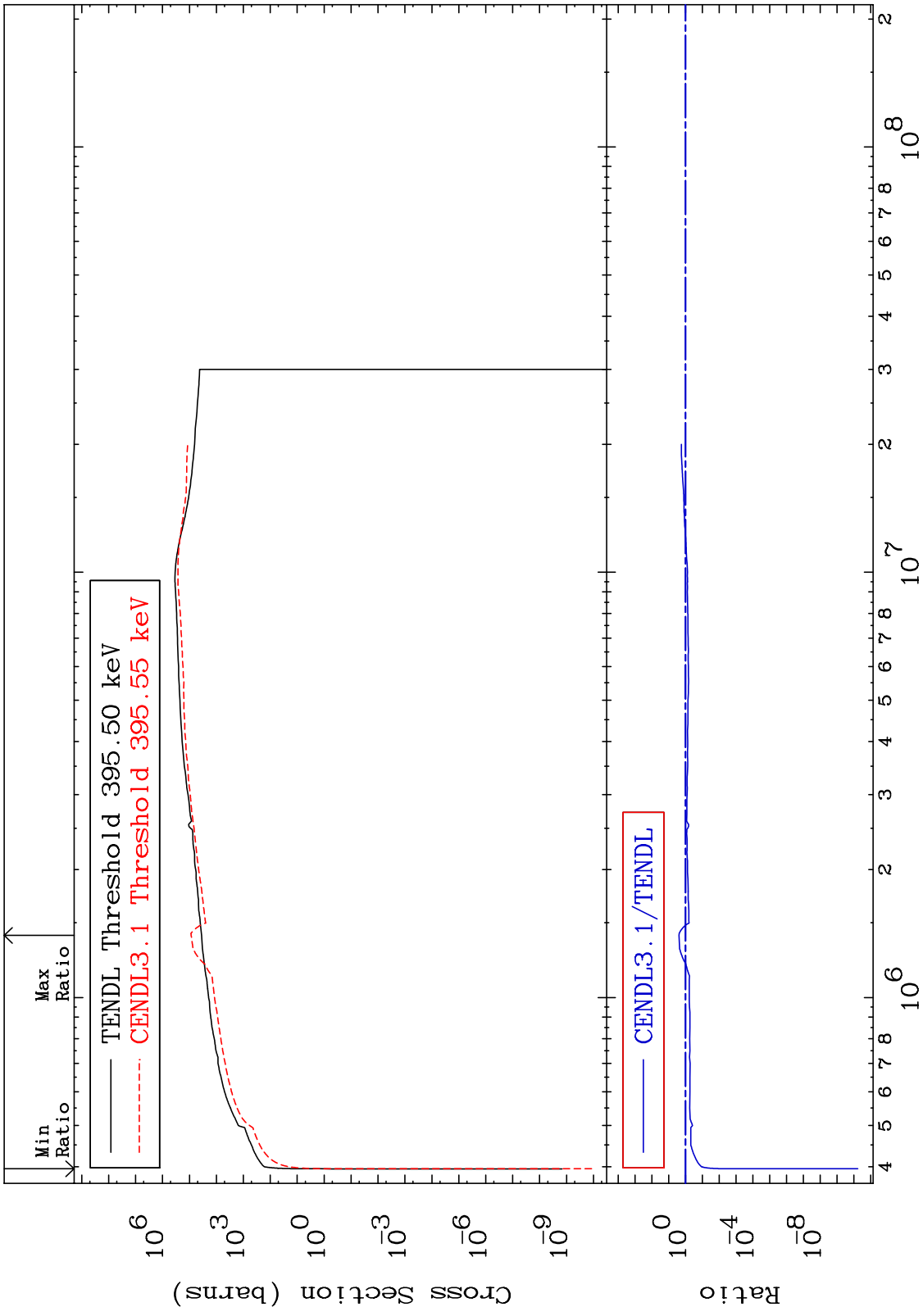


MAT 3131

Kerma non-elastic (all but mt2)
Cross Section

31-Ga-71
-95.47 To 9999. %

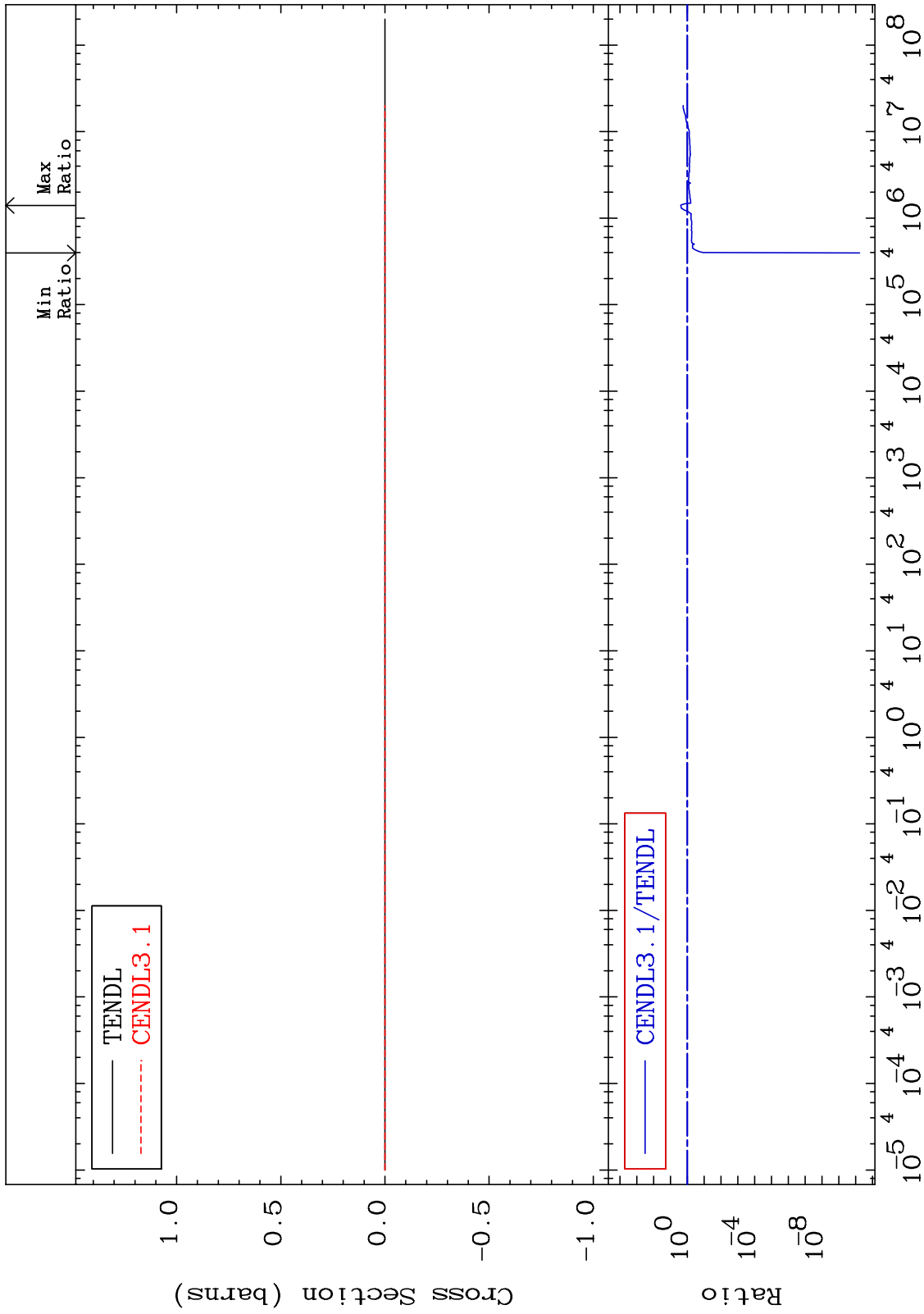




MAT 3131

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

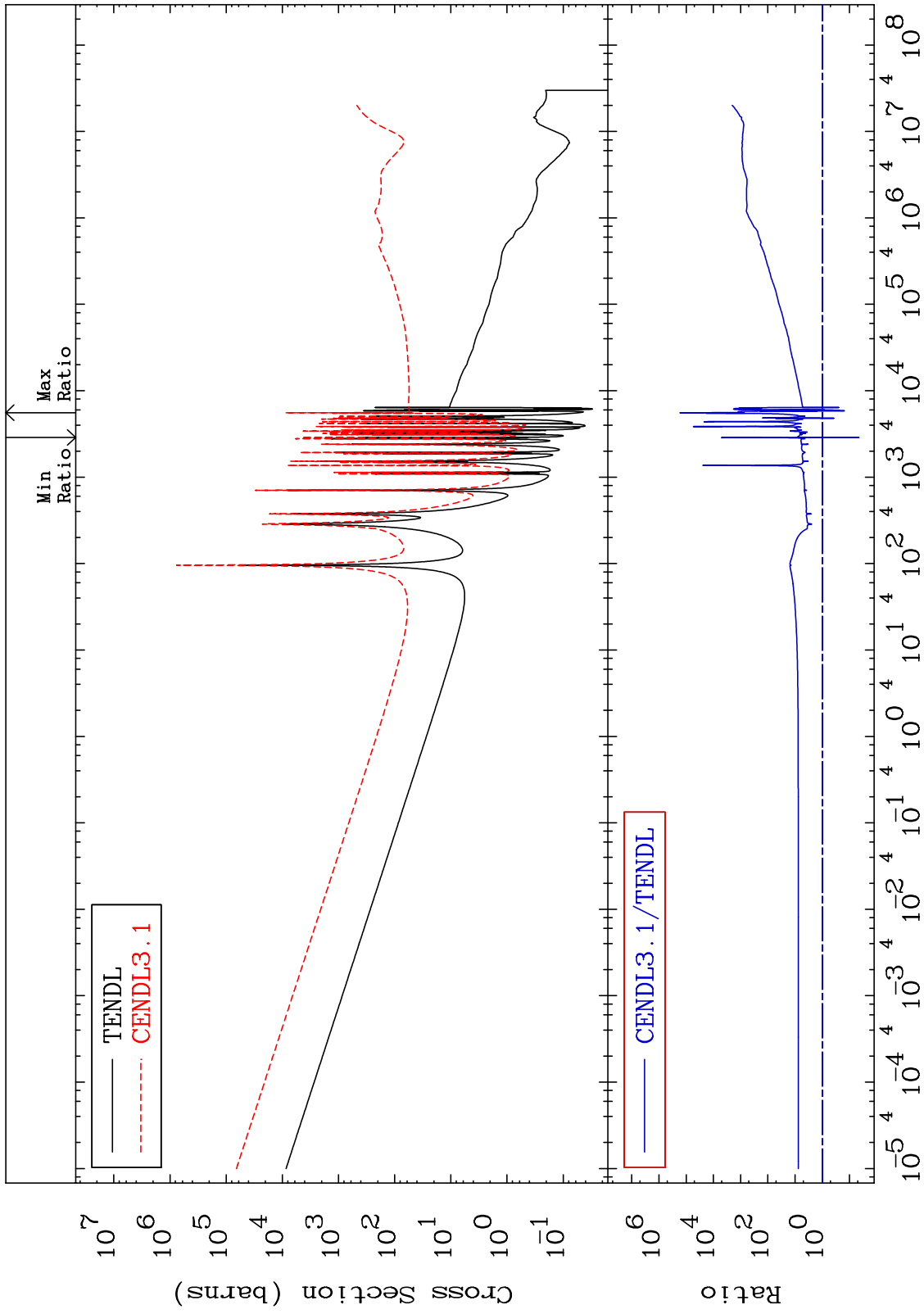
31-Ga-71
-100.0 To 144.7 %



MAT 3131

Kerma capture (mt102)
Cross Section

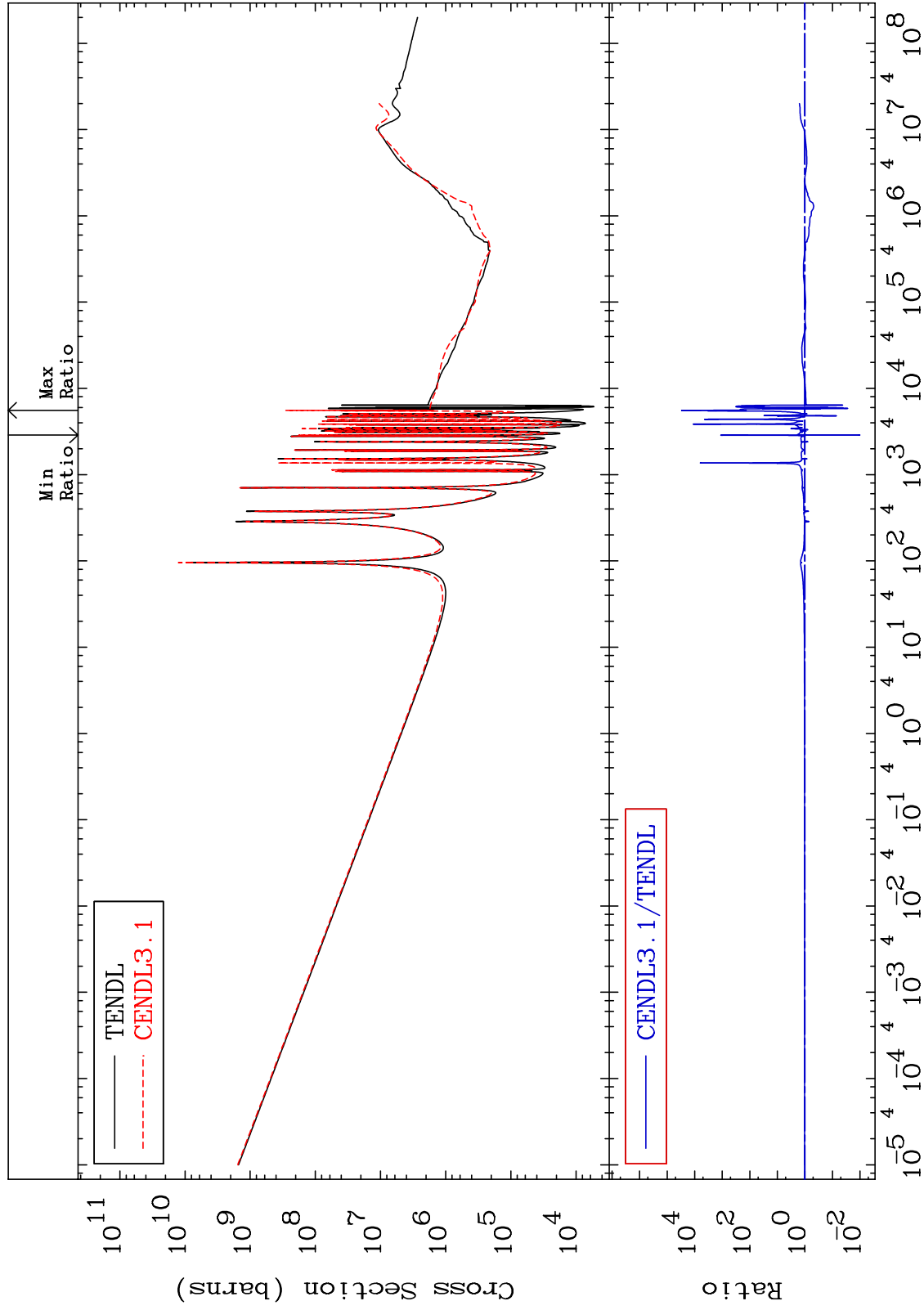
31-Ga-71
-95.47 To 9999. %



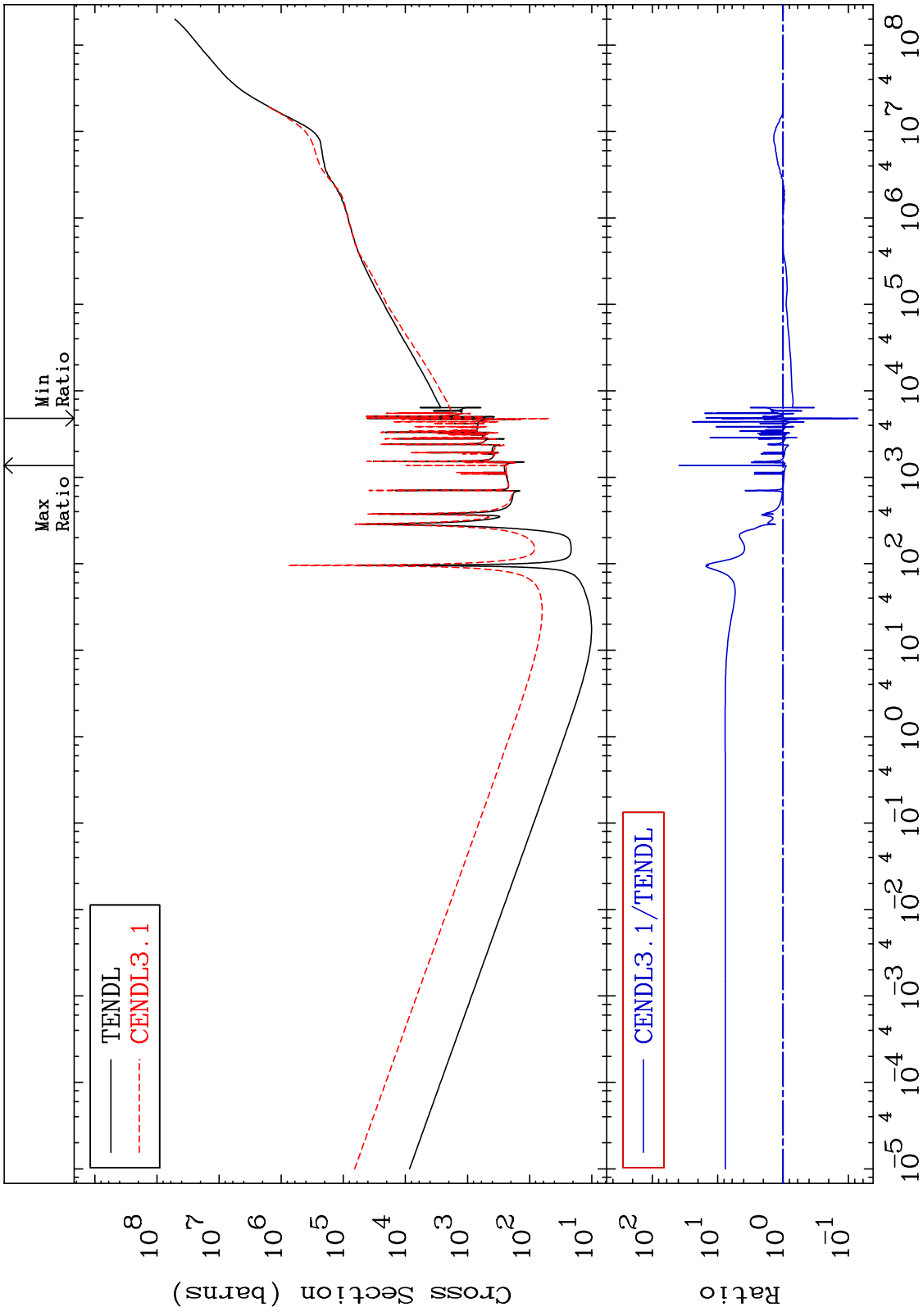
MAT 3131

Total photon (eV-barns)
Cross Section

31-Ga-71
-98.98 To 9999. %



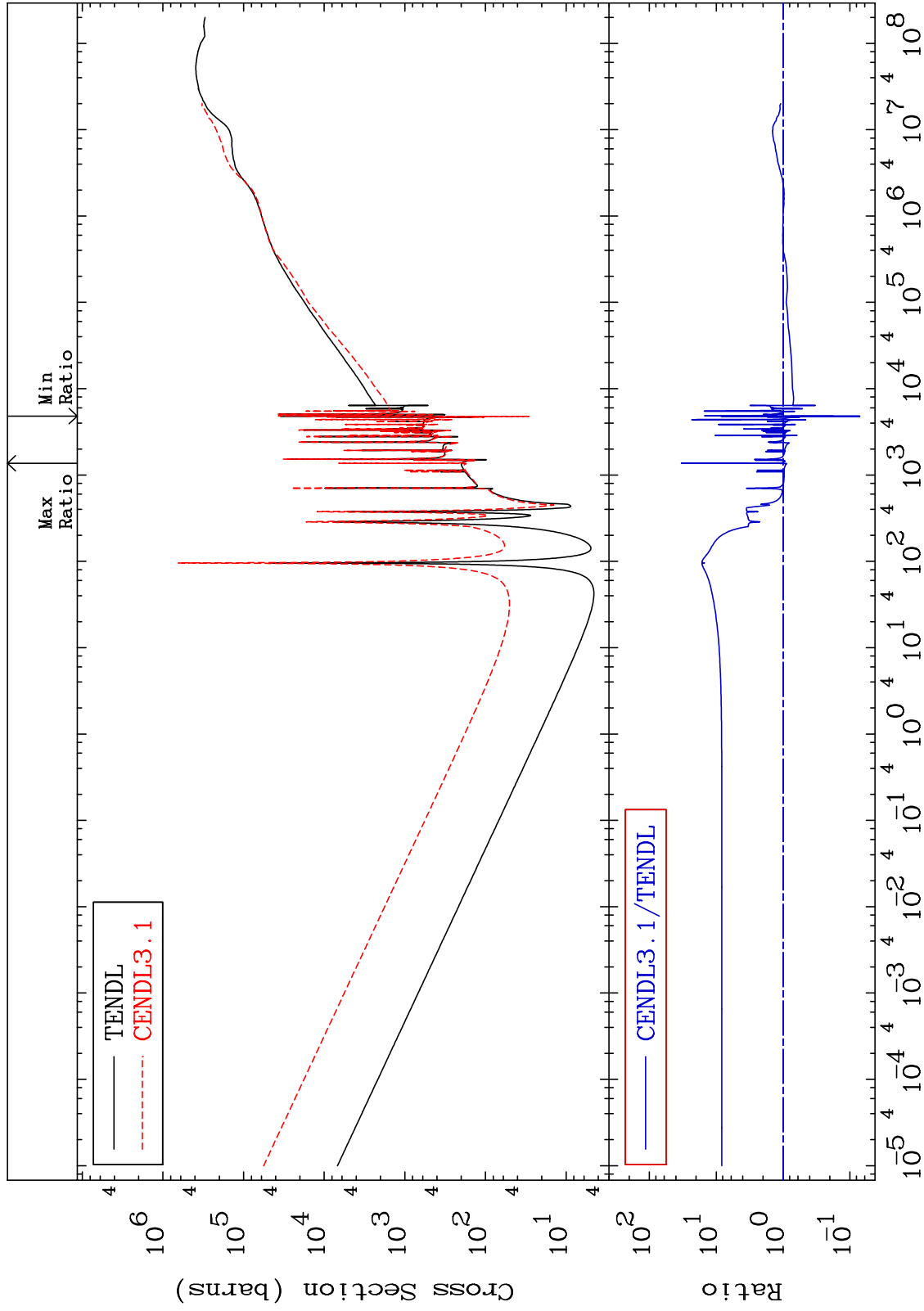
MAT 3131 Total kinematic kerma (high limit) 31-Ga-71
 Cross Section -92.81 To 3798. %



MAT 3131

Dpa total (eV-barns)
Cross Section

31-Ga-71
-92.88 To 3237. %



31

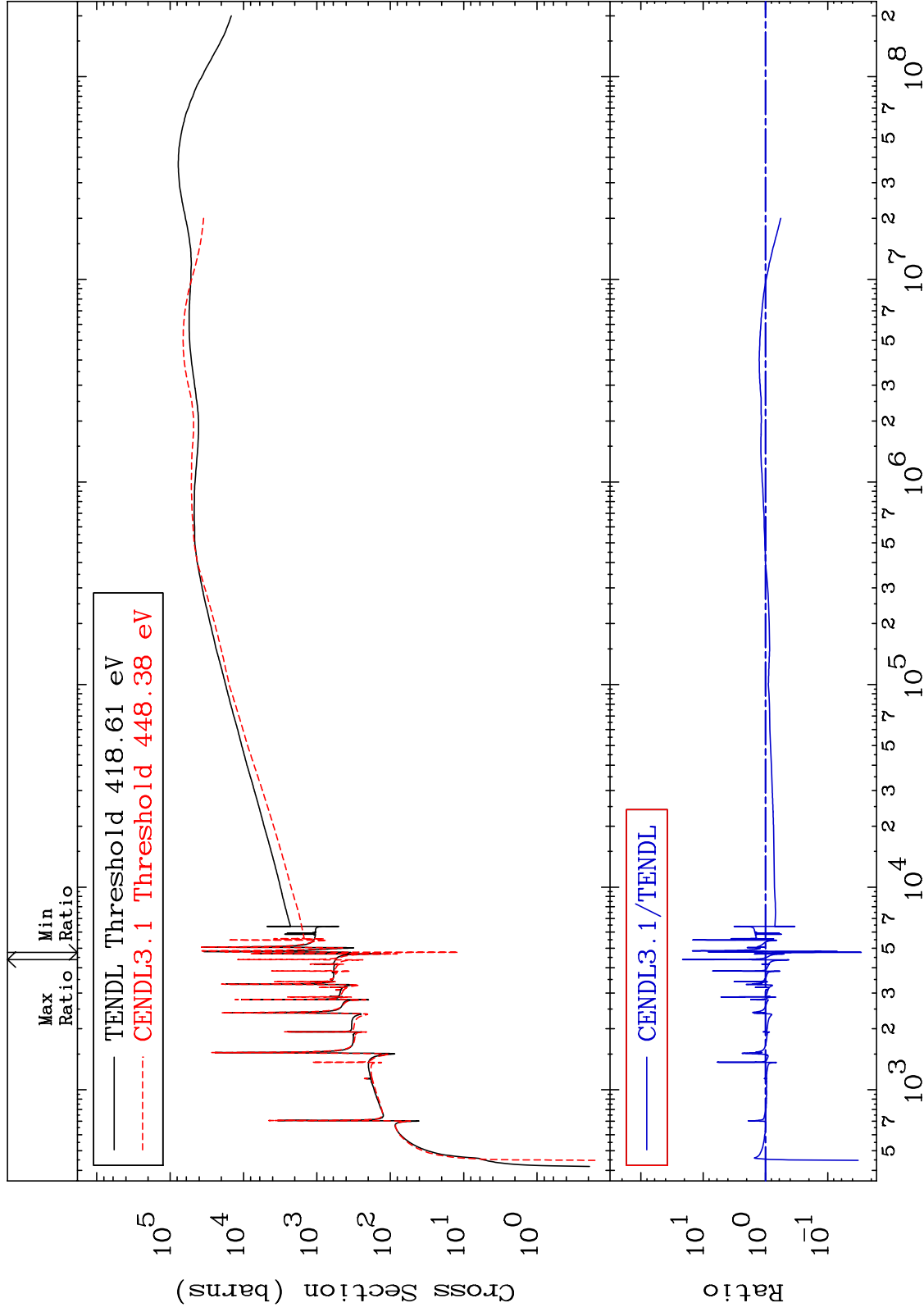
Incident Energy (eV)

31-Ga-71

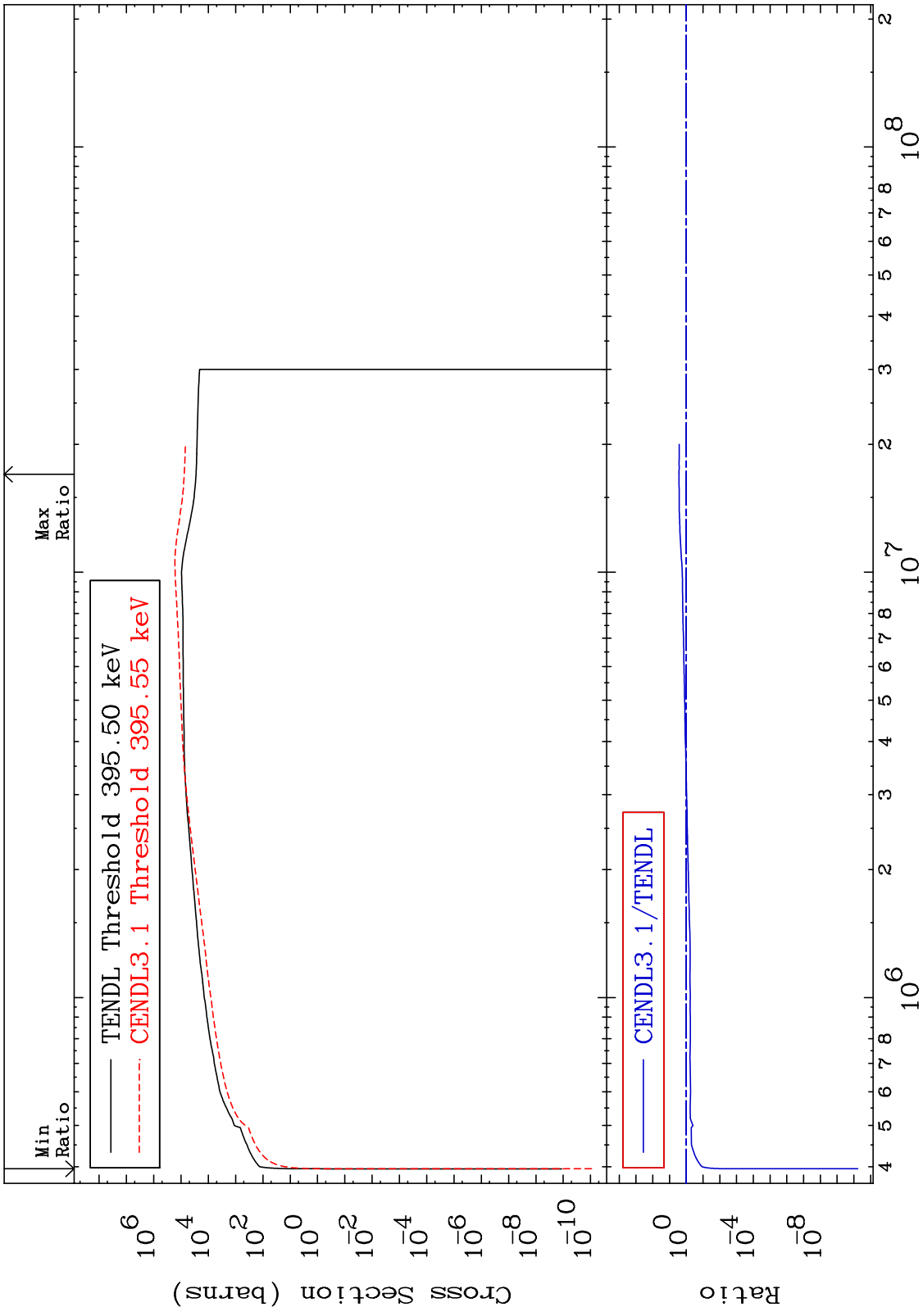
MAT 3131

Dpa elastic (mt2)
Cross Section

31-Ga-71
-97.11 To 2047. %



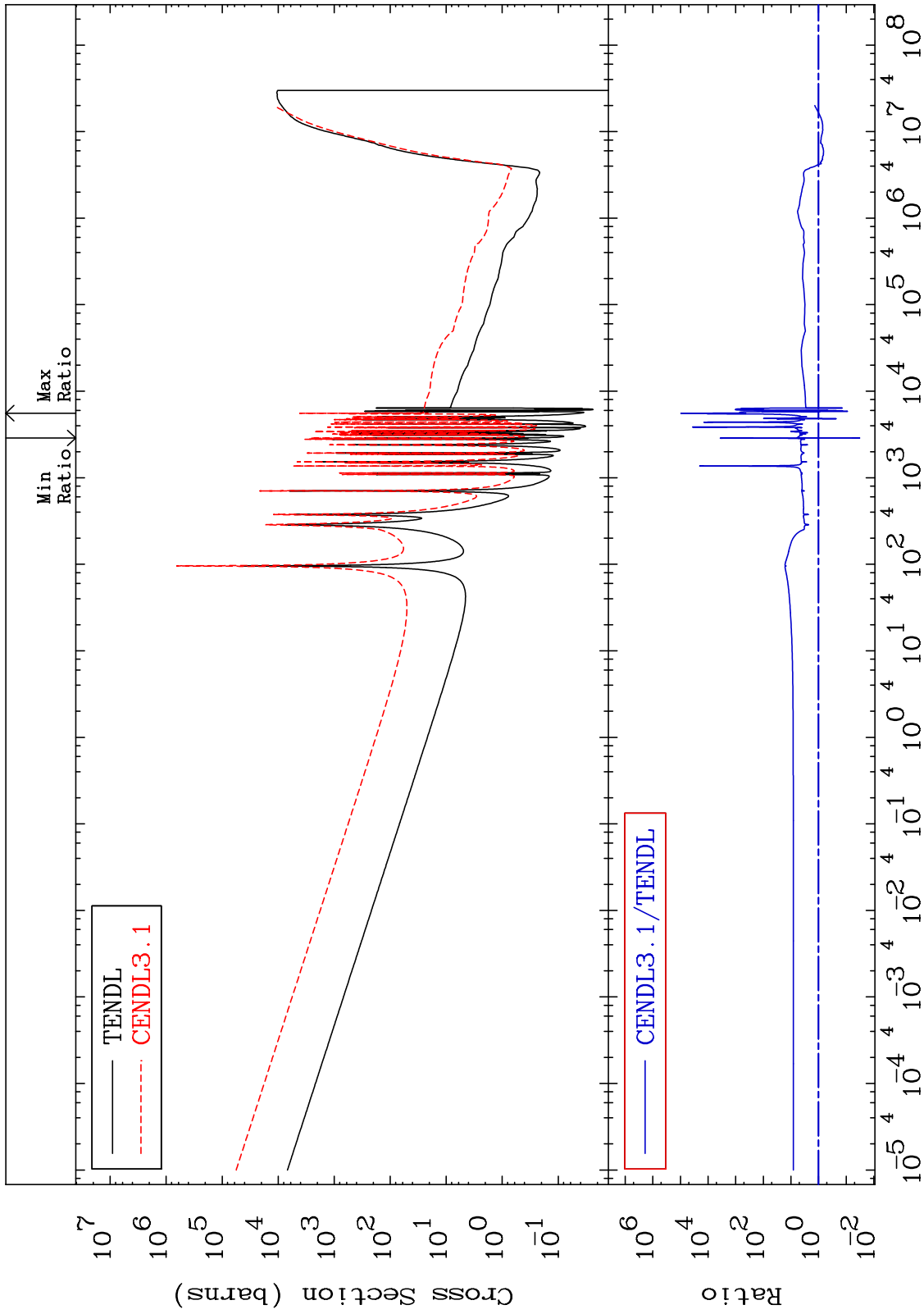
MAT 3131 Dpa inelastic (mt51-91) 31-Ga-71
 Cross Section -100.0 To 170.4 %



MAT 3131

Dpa disappearance (mt102 -120)
Cross Section

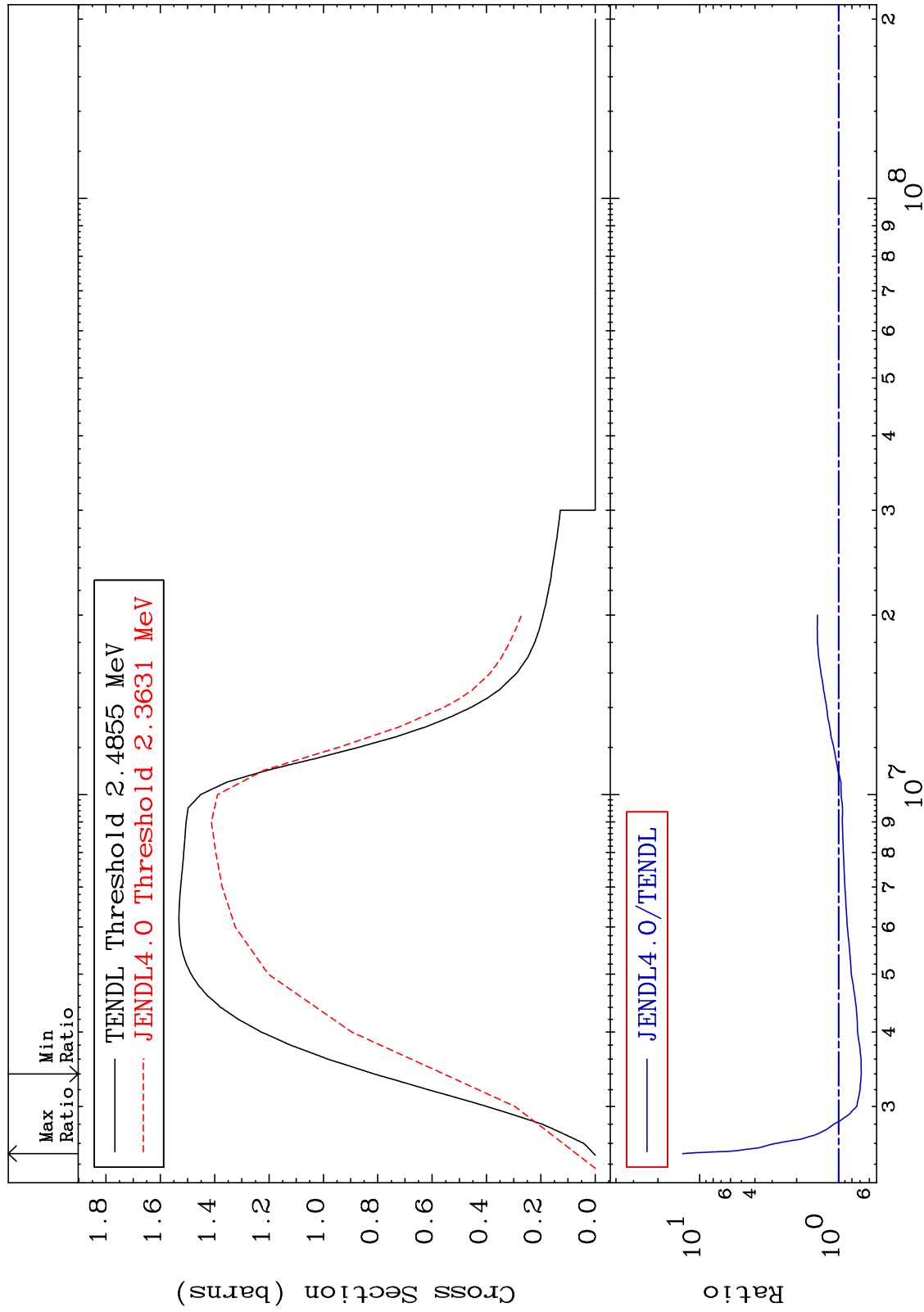
31-Ga-71
-96.74 To 9999. %



MAT 3131

(n,n') Continuum
Cross Section

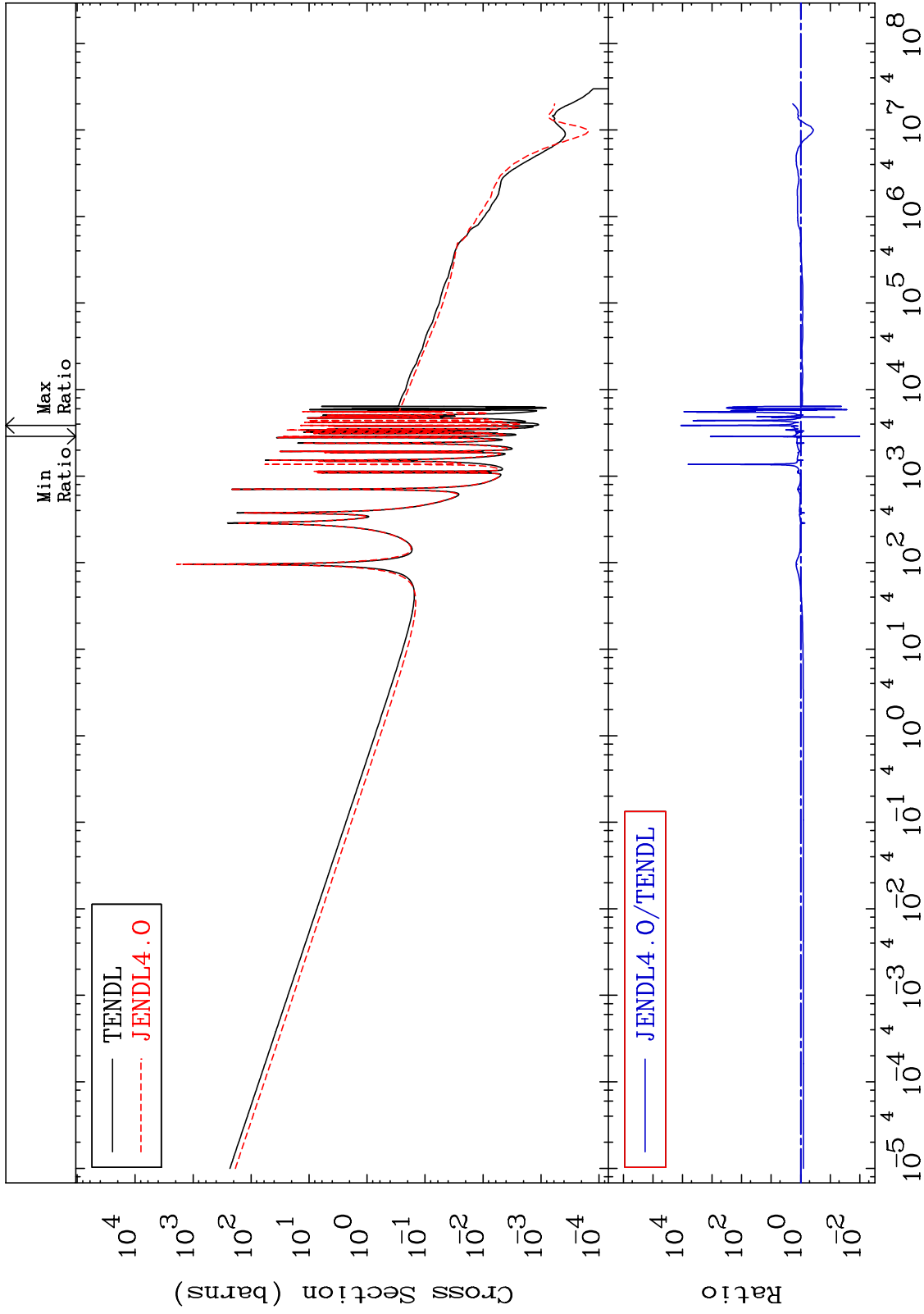
31-Ga-71
-31.55 To 1225. %

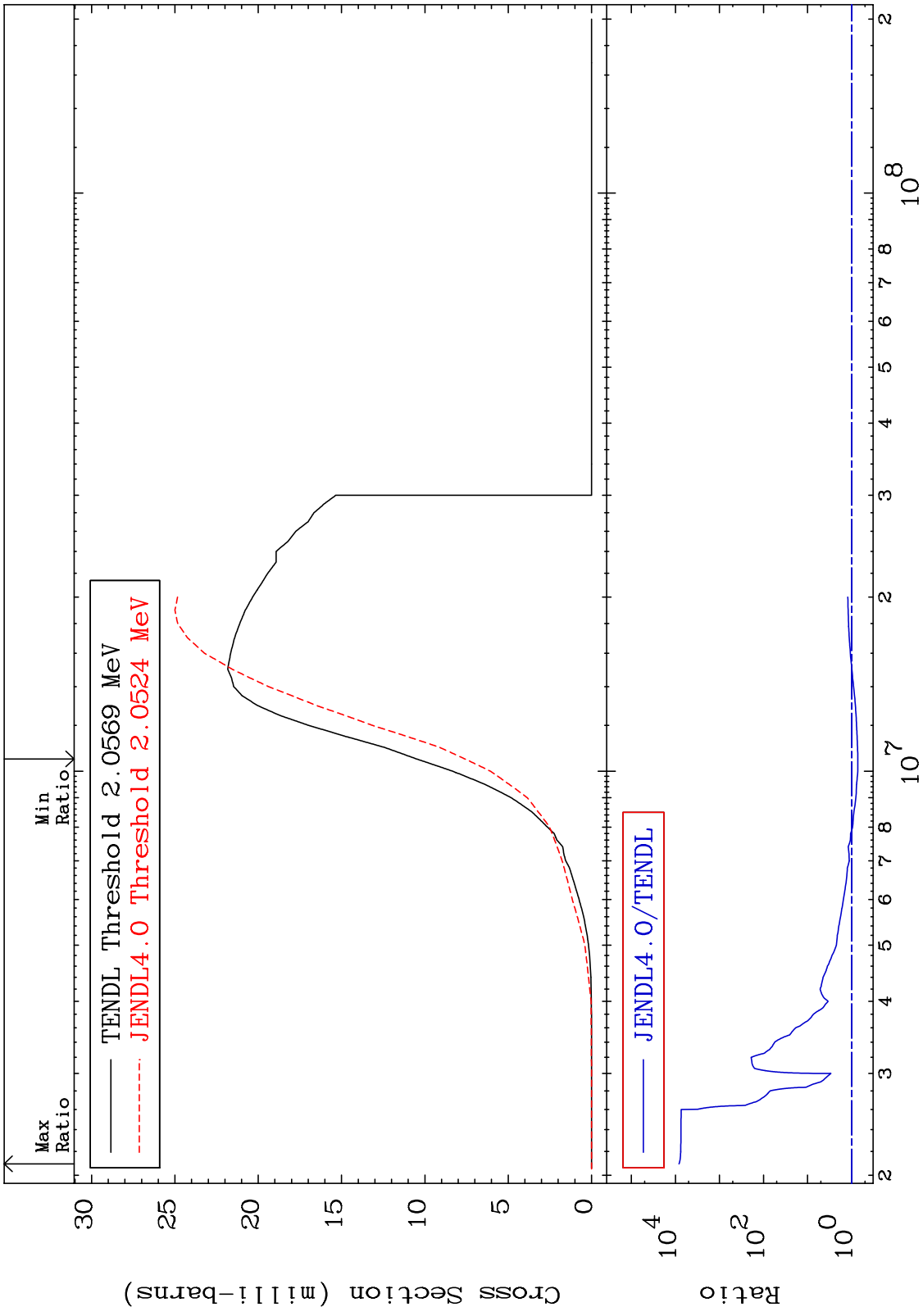


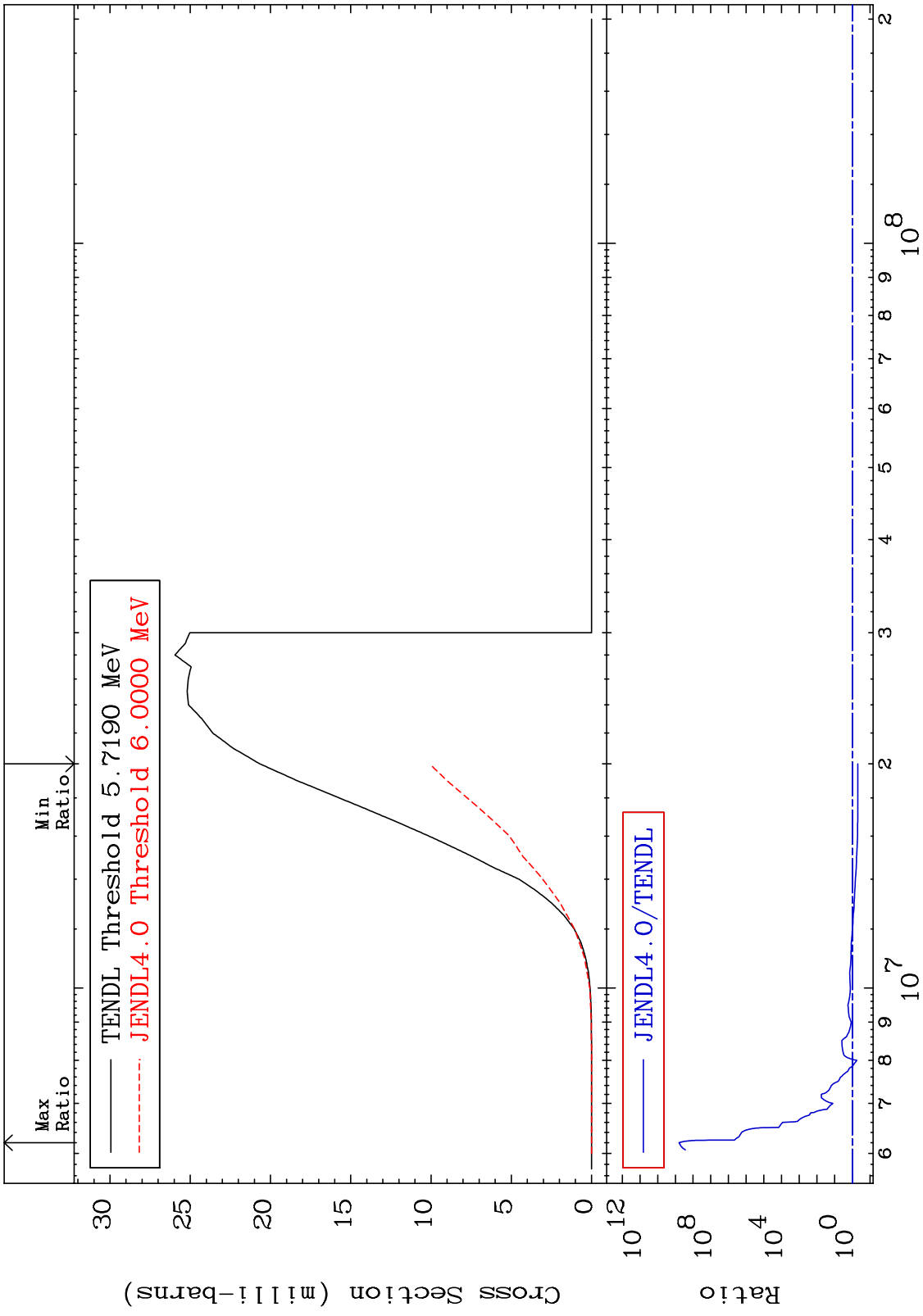
MAT 3131

(n, γ)
Cross Section

31-Ga-71
-98.99 To 9999. %







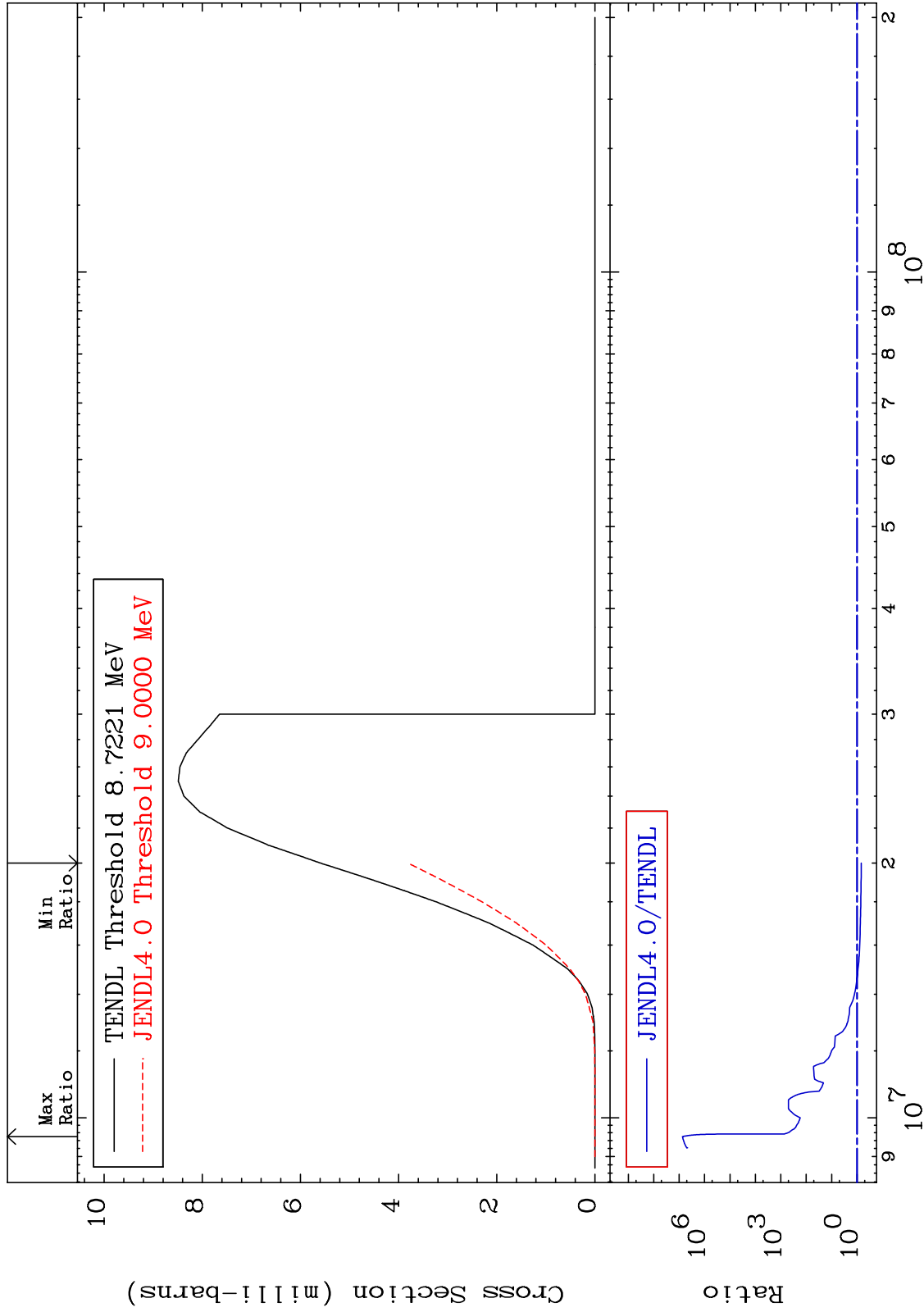
MAT 3131

(n,t)

31-Ga-71

Cross Section

-31.91 To 9999. %



39

Incident Energy (eV)

31-Ga-71

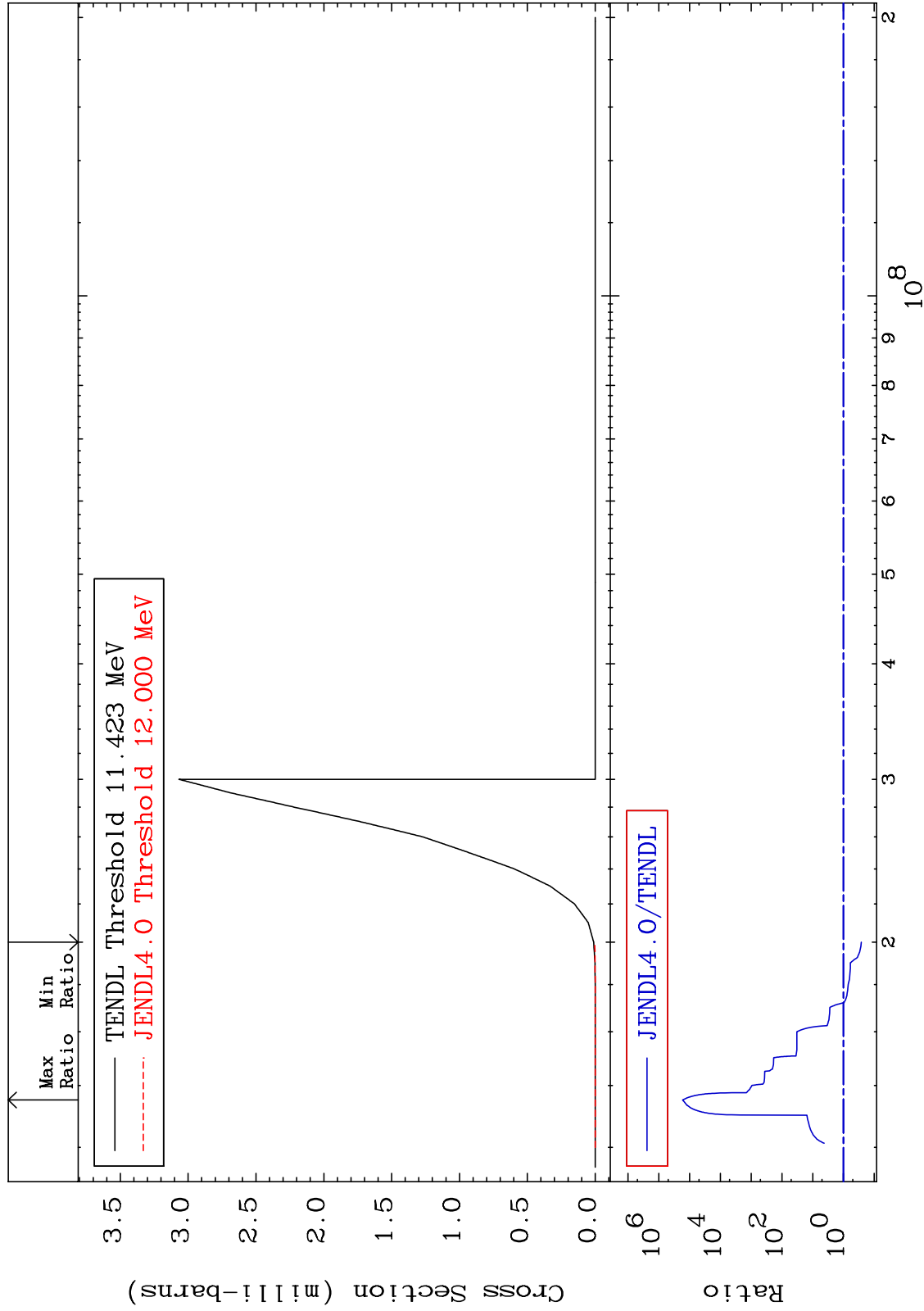
MAT 3131

(n, He-3)

31-Ga-71

Cross Section

-73.75 To 9999. %



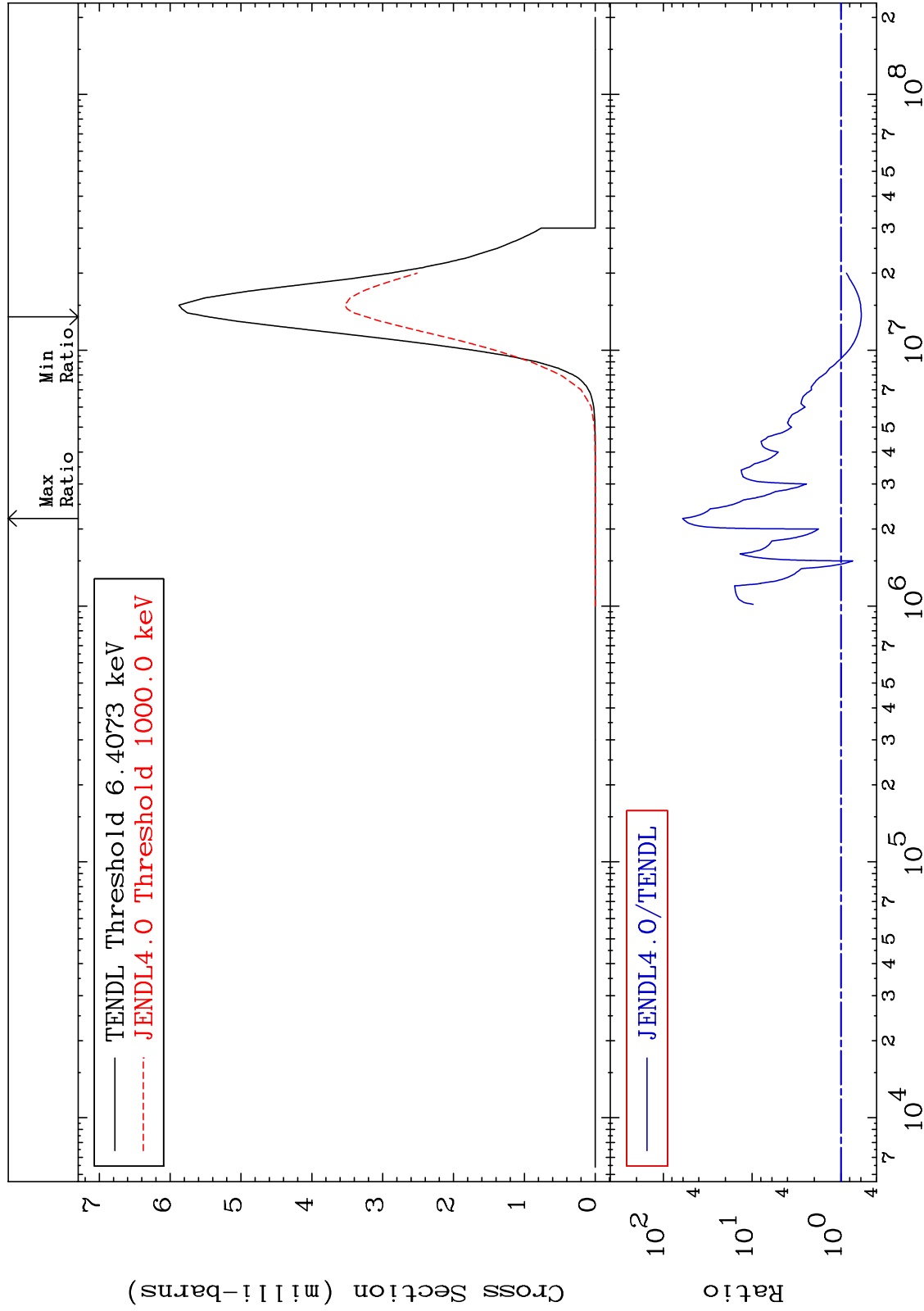
MAT 3131

(n, α)

31-Ga-71

Cross Section

-40.89 To 5953. %



41

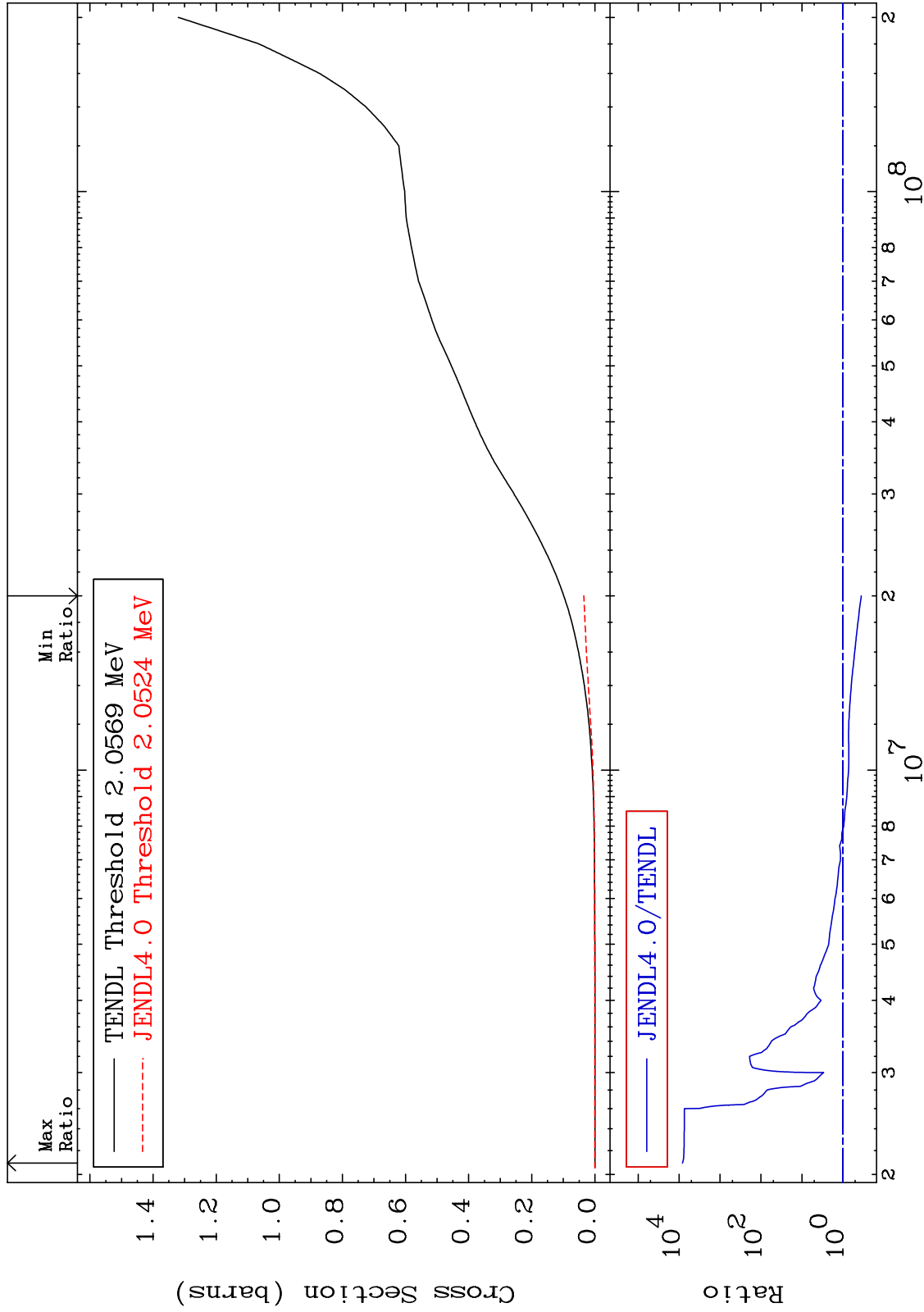
Incident Energy (eV)

31-Ga-71

MAT 3131

Hydrogen Production
Cross Section

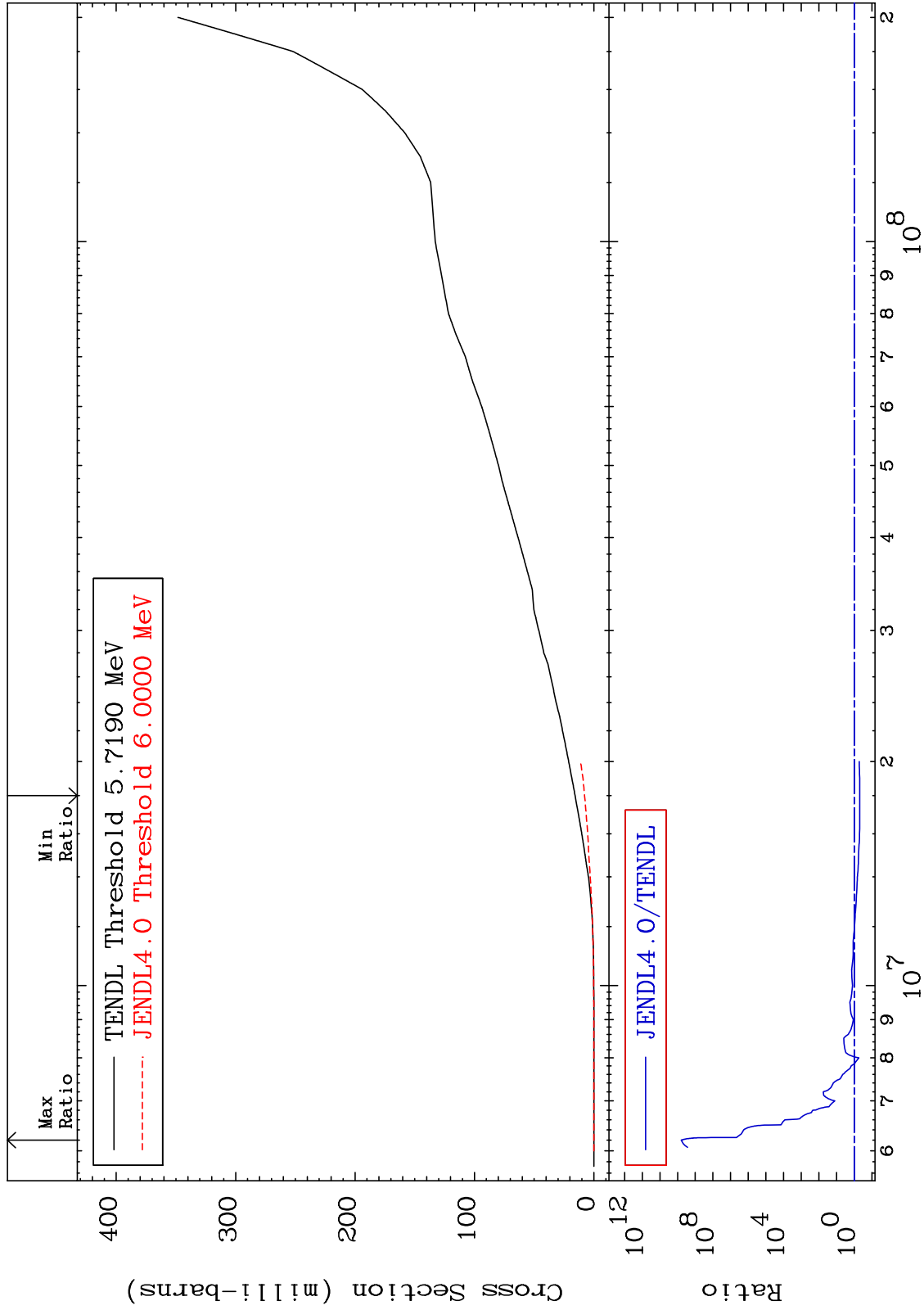
31-Ga-71
-64.51 To 9999. %



MAT 3131

Deuterium Production
Cross Section

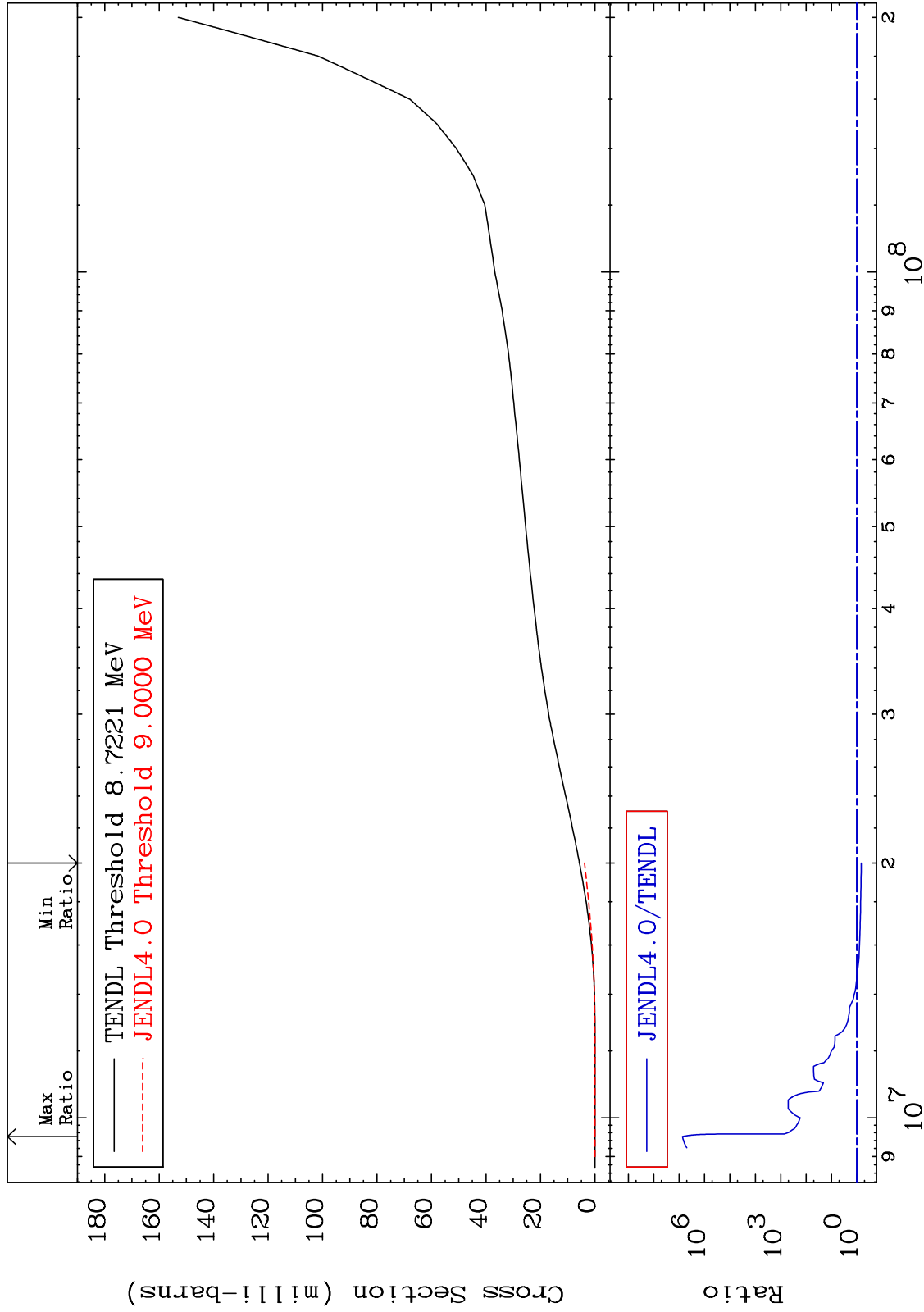
31-Ga-71
-50.70 To 9999. %



MAT 3131

Tritium Production
Cross Section

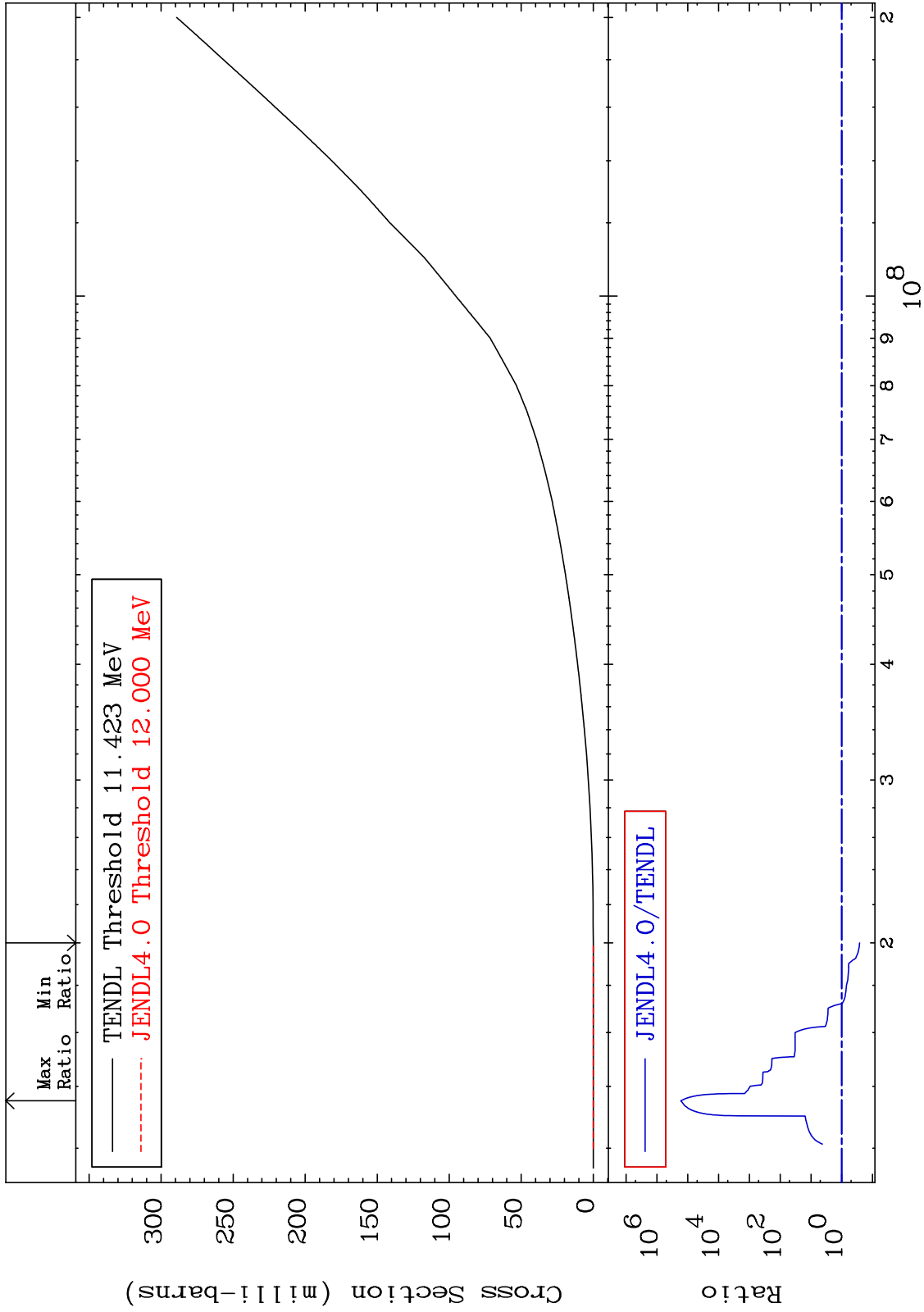
31-Ga-71
-32.77 To 9999. %



MAT 3131

He-3 Production
Cross Section

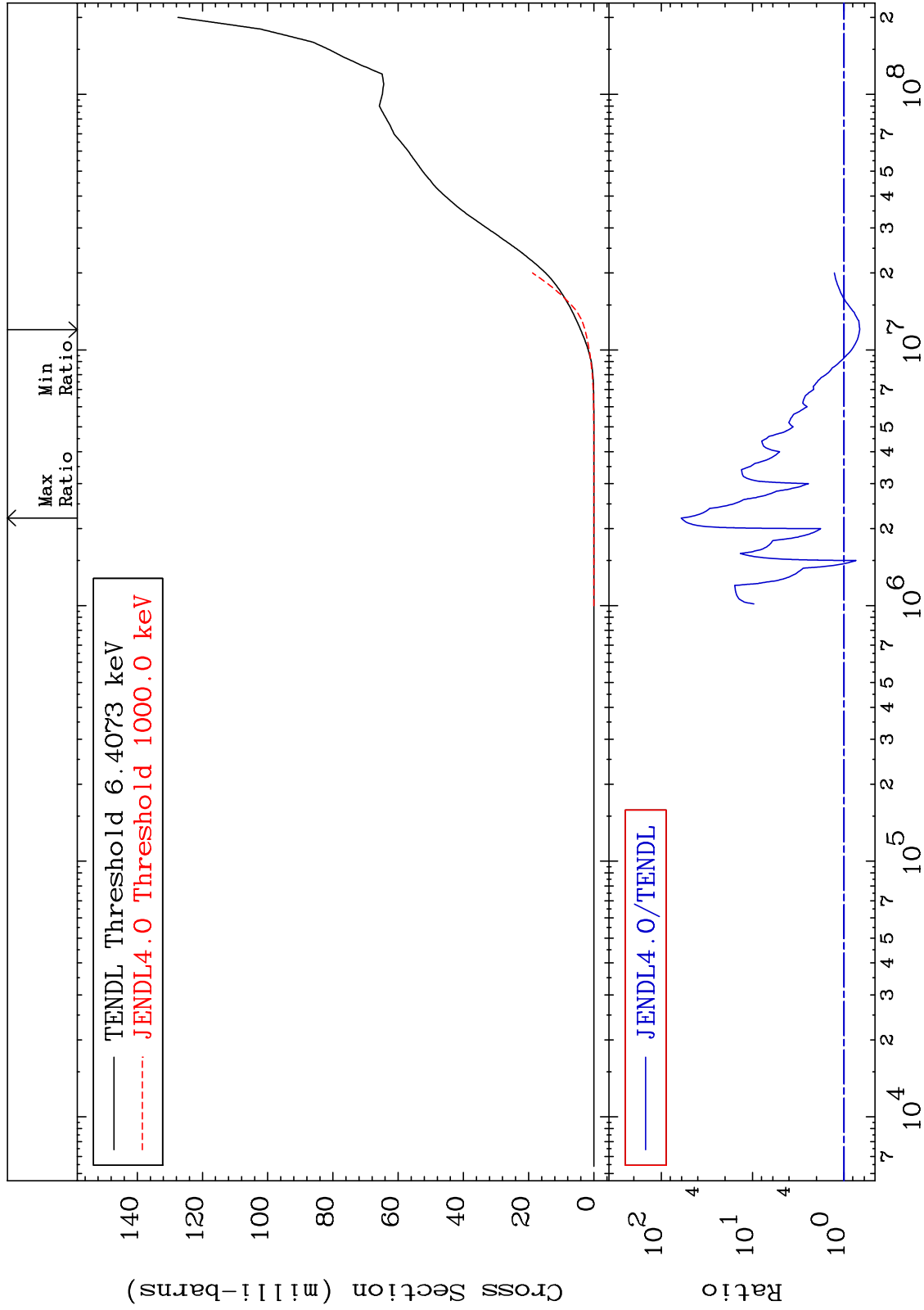
31-Ga-71
-73.75 To 9999. %



MAT 3131

He-4 Production
Cross Section

31-Ga-71
-32.90 To 5953. %



46

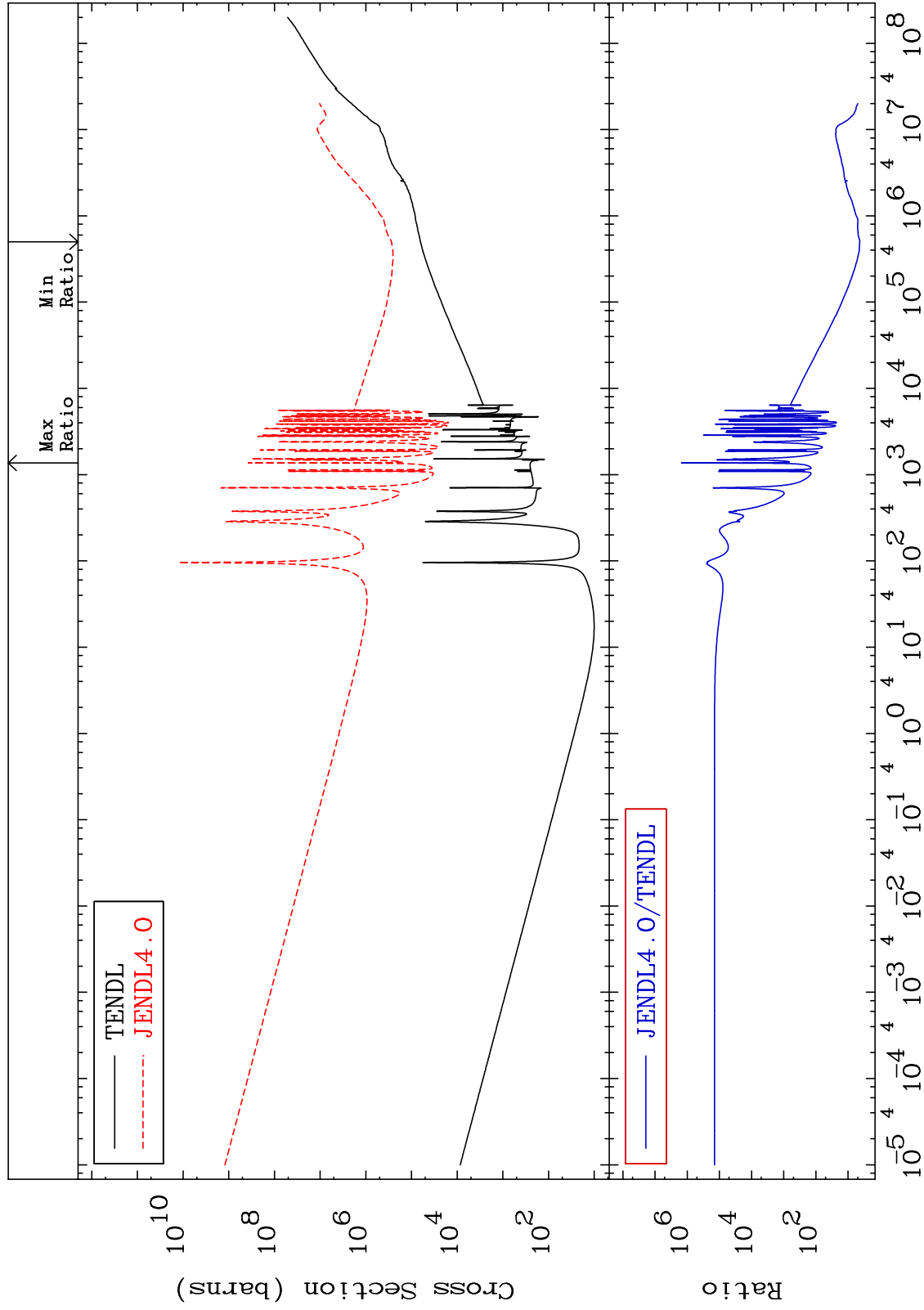
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma total (eV-barns)
Cross Section

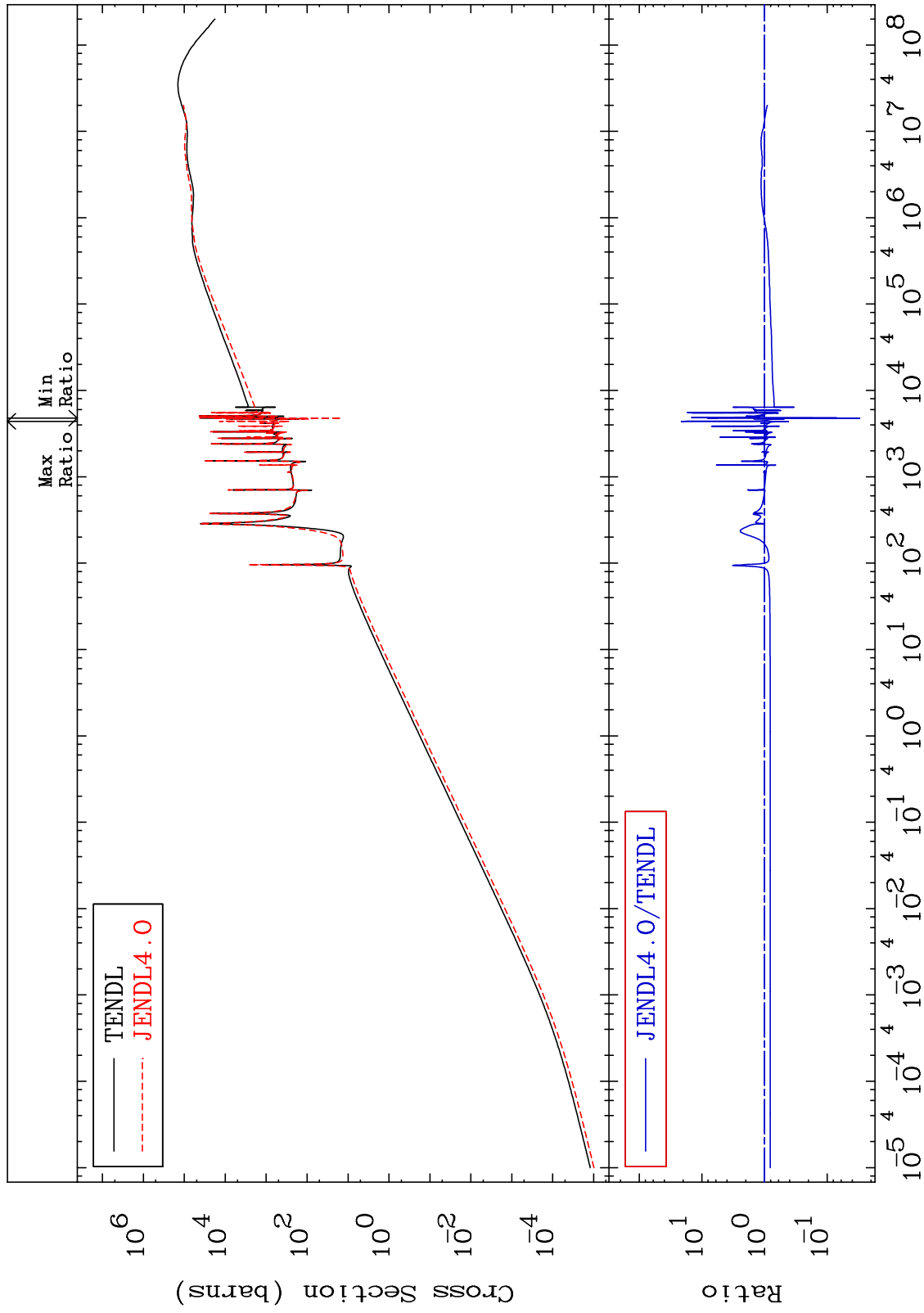
31-Ga-71
330.4 To 9999. %



MAT 3131

Kerma elastic
Cross Section

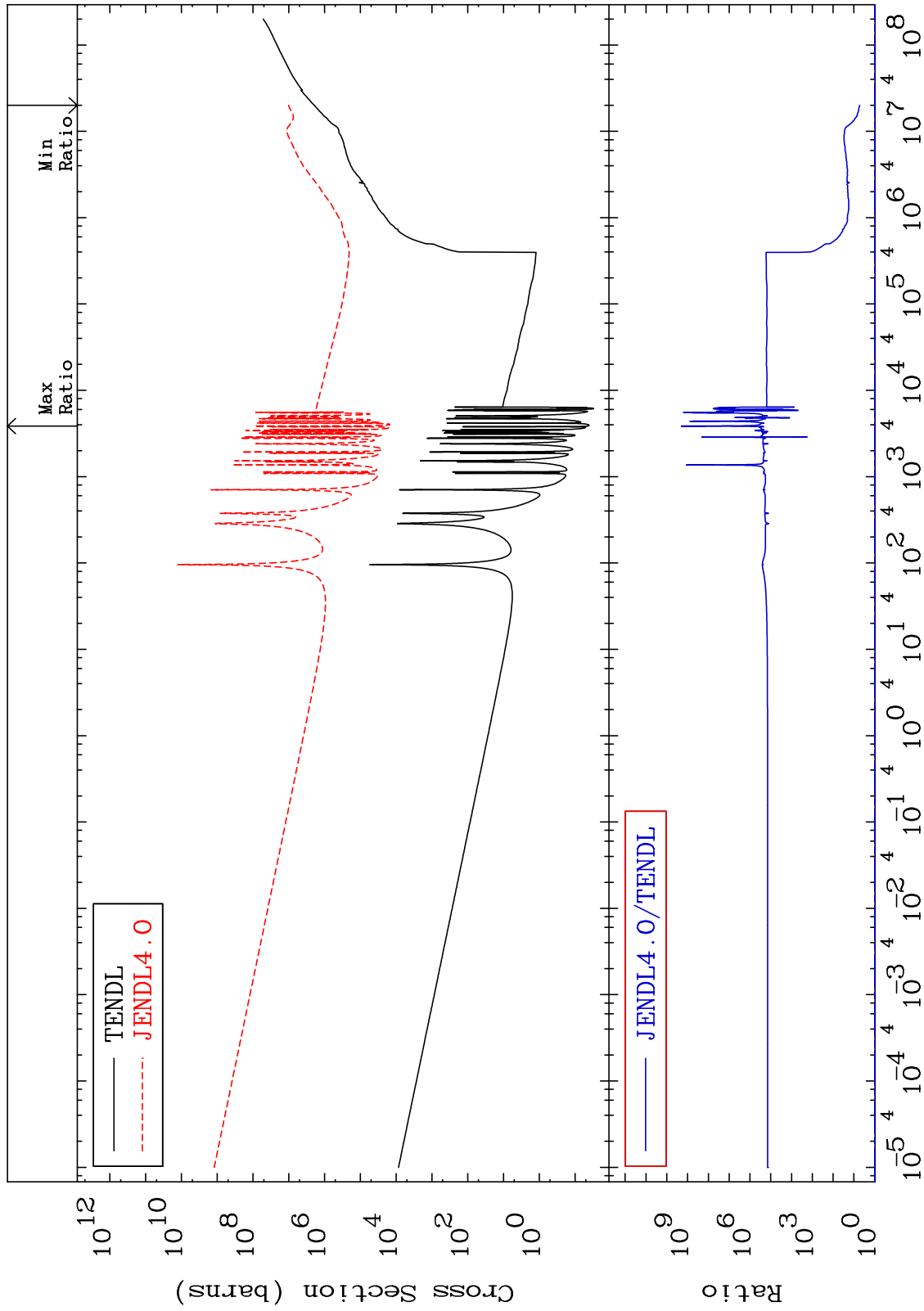
31-Ga-71
-96.97 To 2045. %

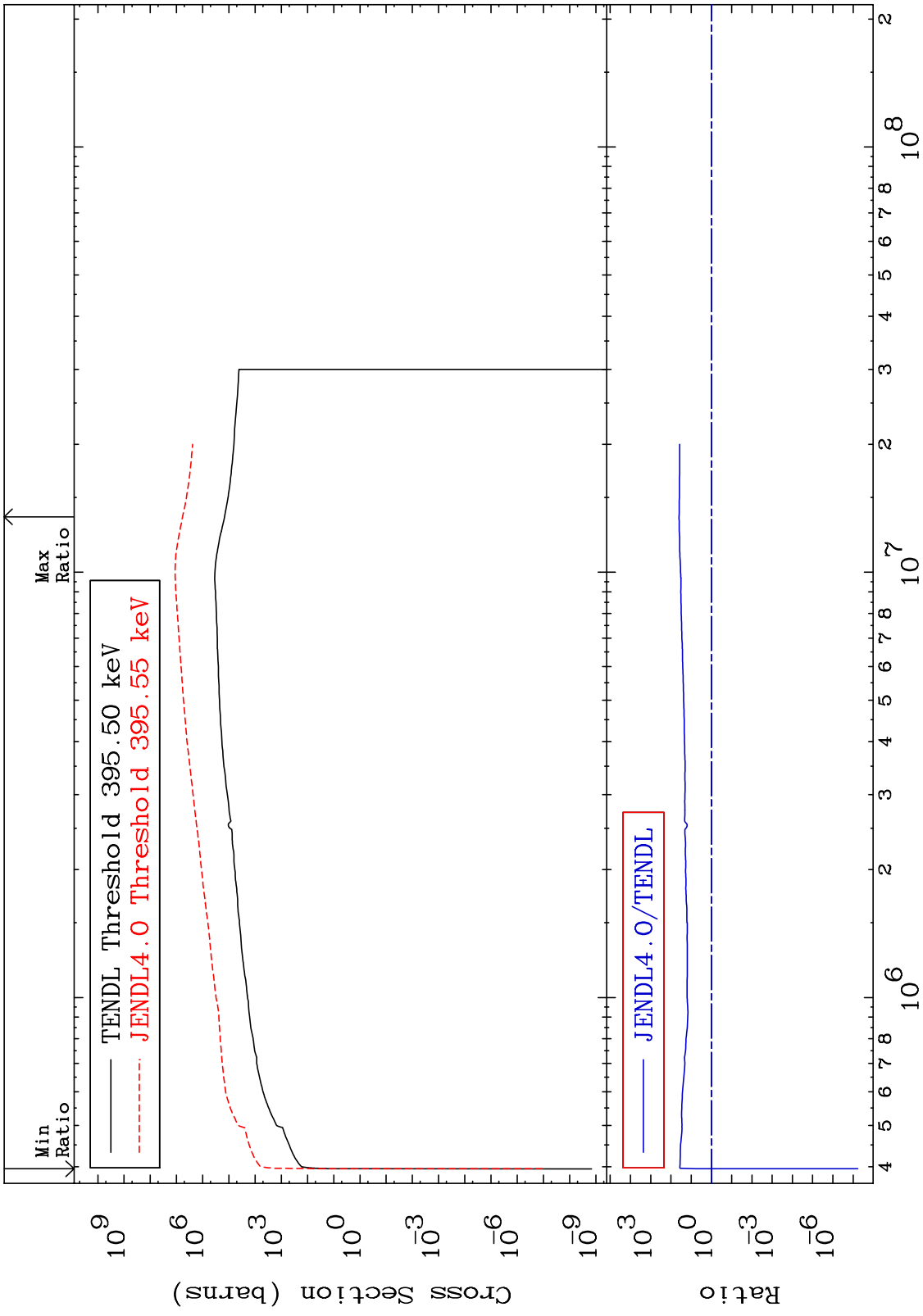


MAT 3131

Kerma non-elastic (all but mt2)
Cross Section

31-Ga-71
422.5 To 9999. %

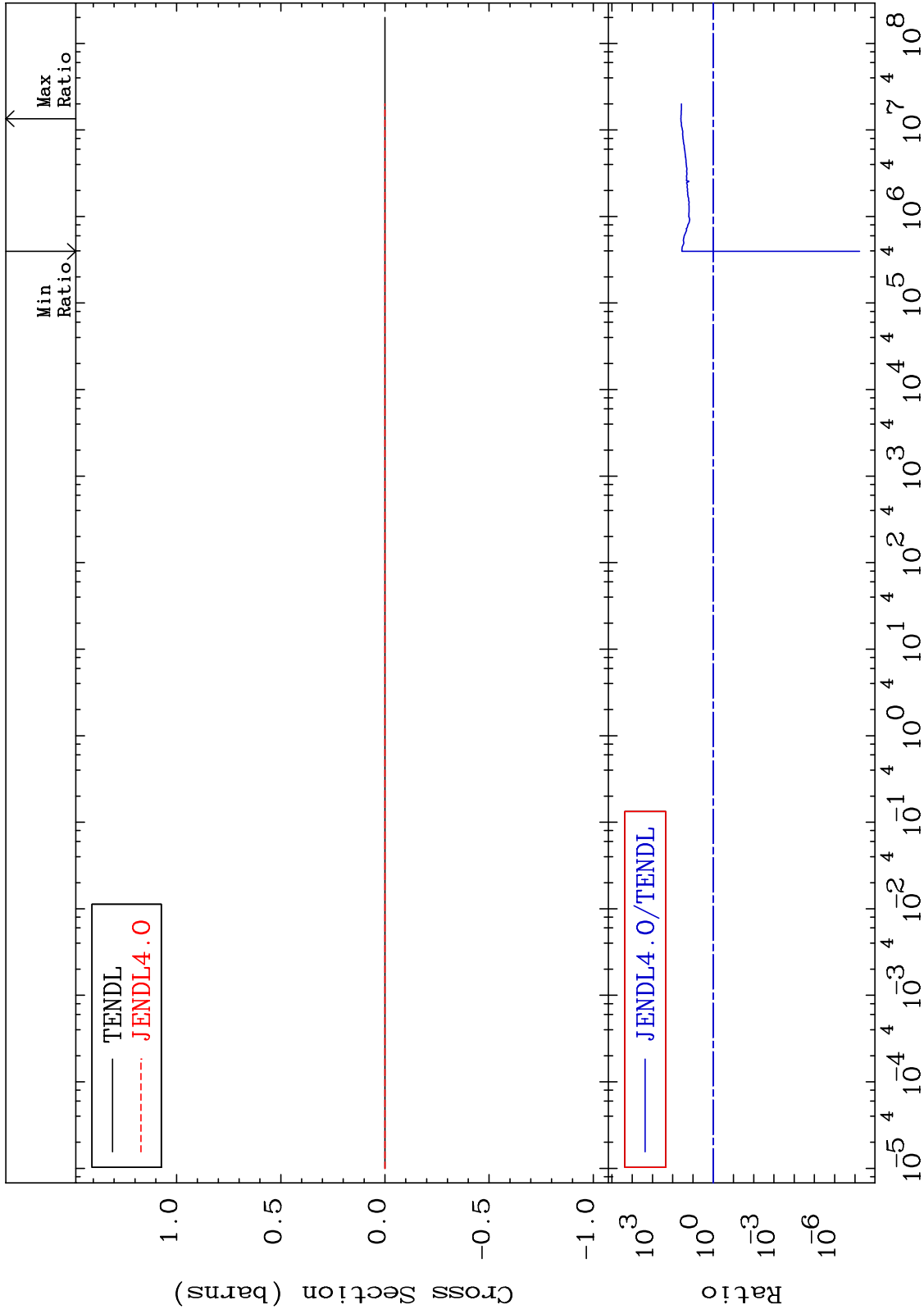




MAT 3131

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

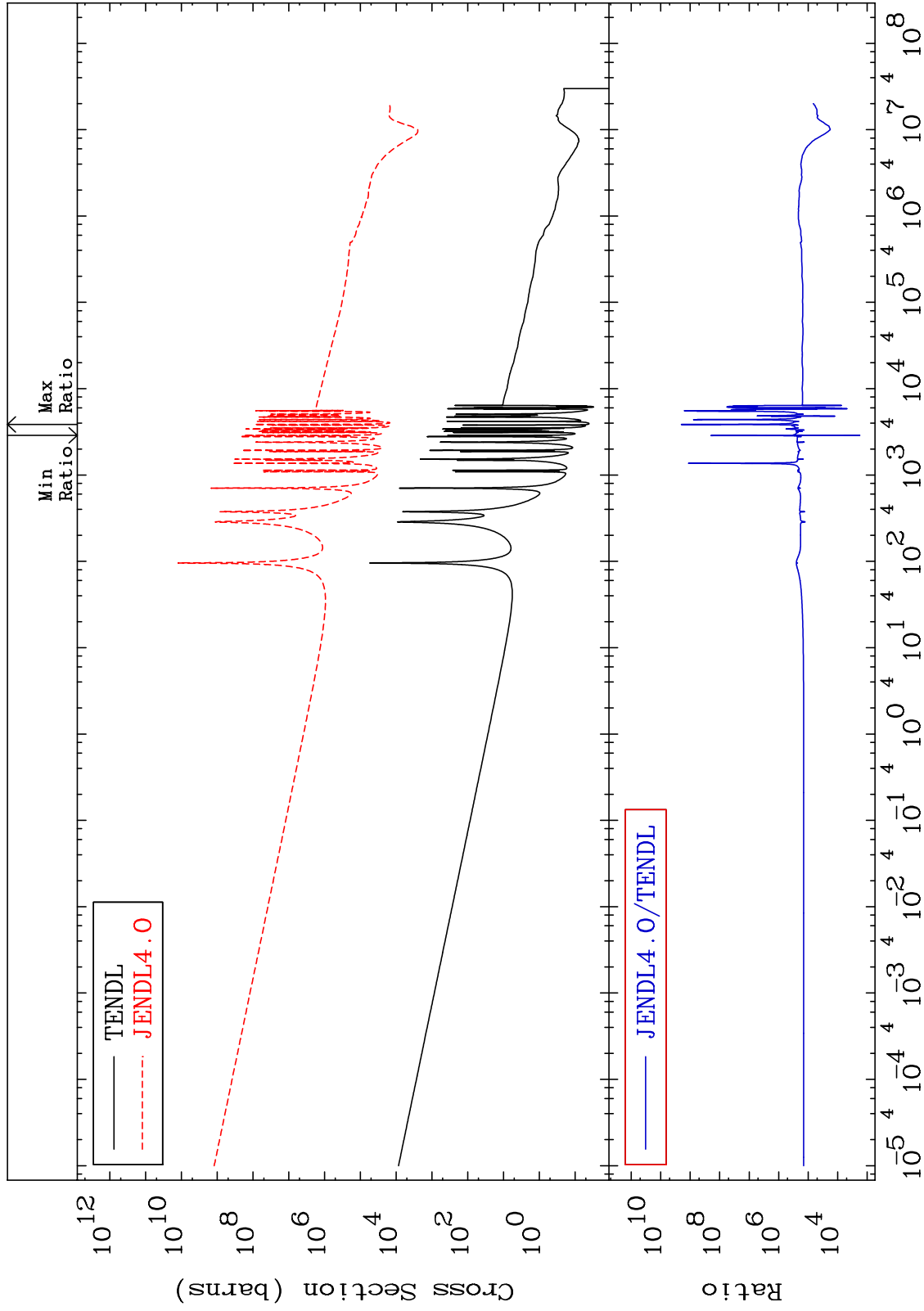
31-Ga-71
-100.0 To 3878. %



MAT 3131

Kerma capture (mt102)
Cross Section

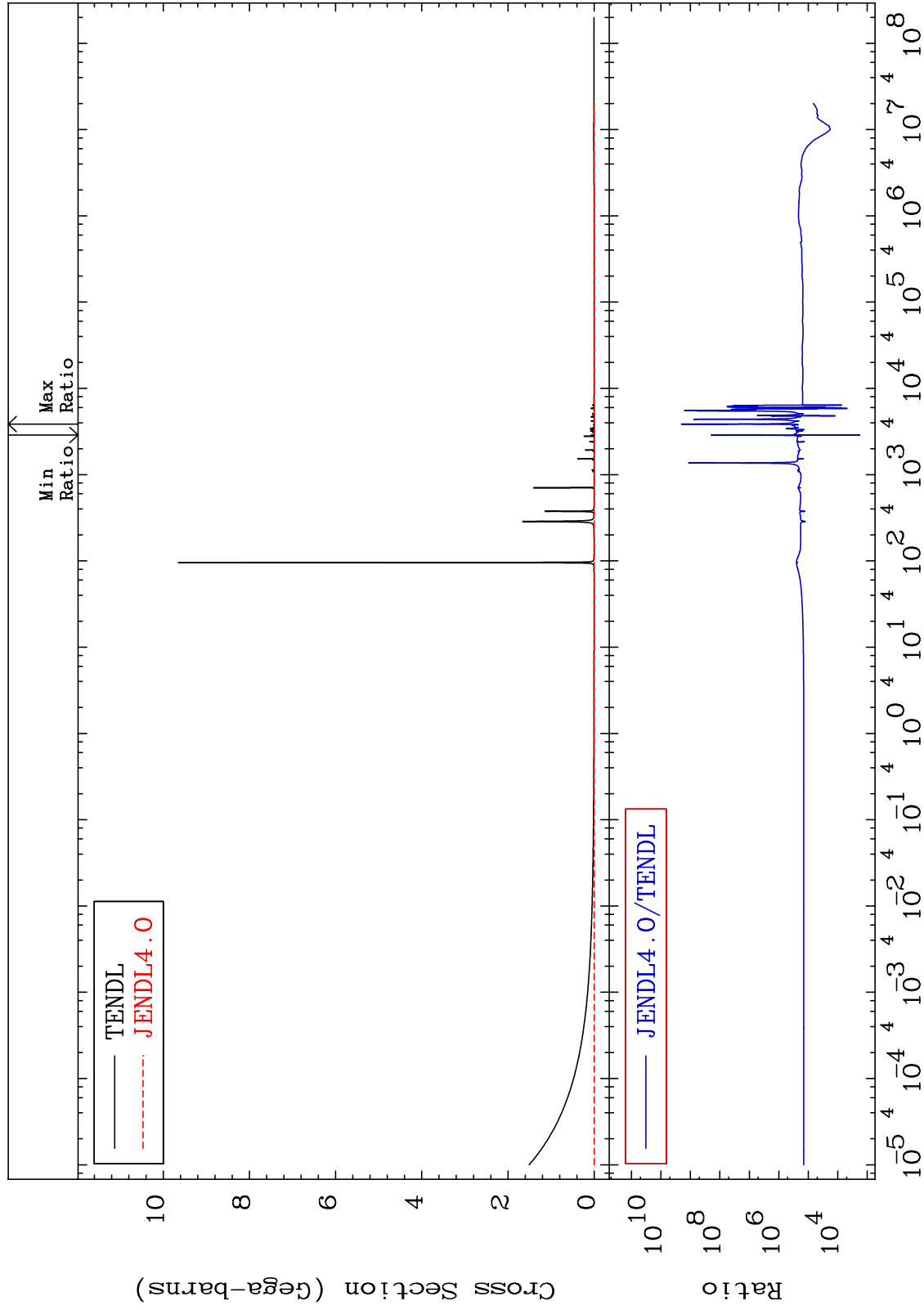
31-Ga-71
9999. To 9999. %



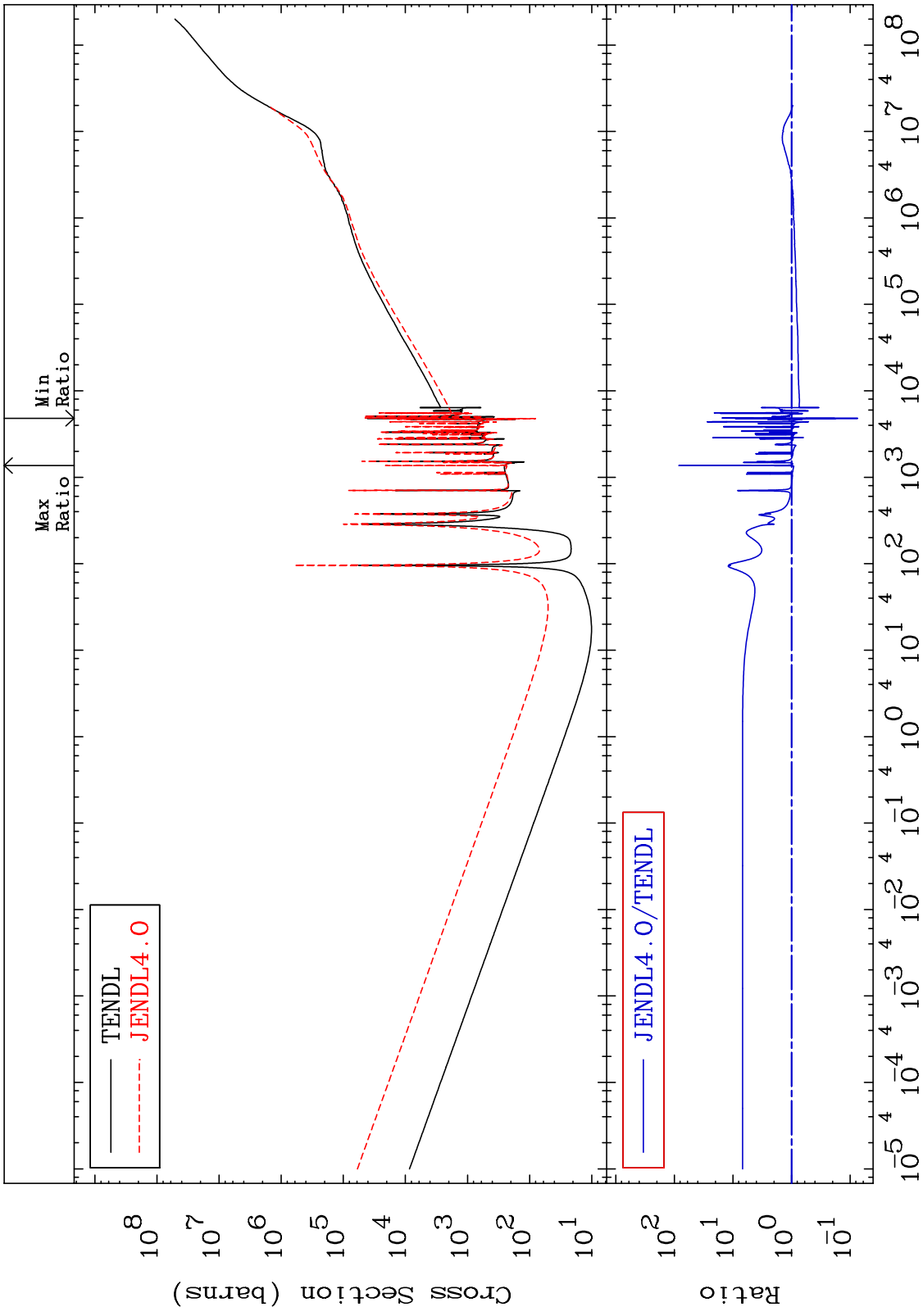
MAT 3131

Total photon (eV-barns)
Cross Section

31-Ga-71
9999. To 9999. %



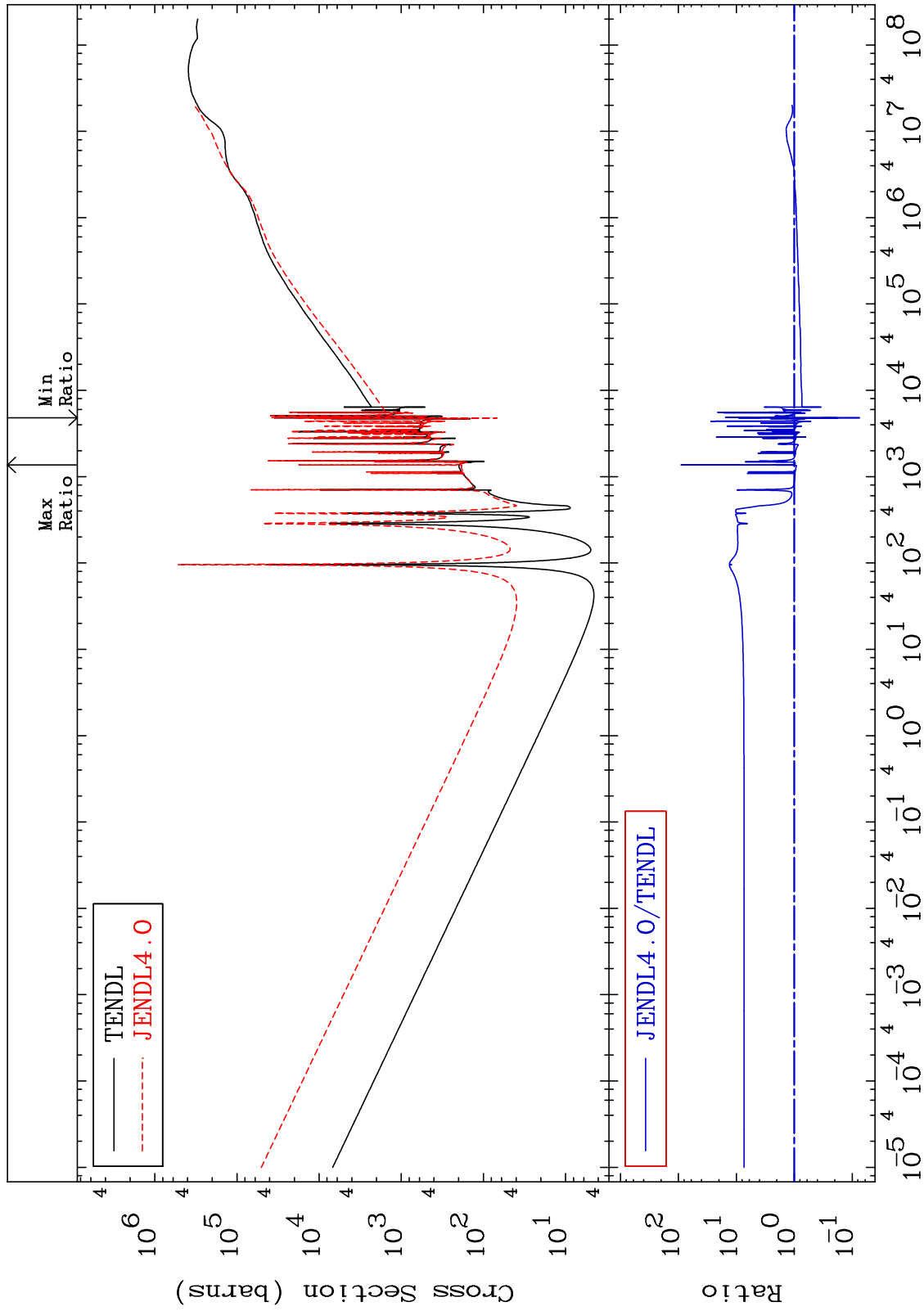
MAT 3131 Total kinematic kerma (high limit) 31-Ga-71
 Cross Section -92.59 To 8254. %



MAT 3131

Dpa total (eV-barns)
Cross Section

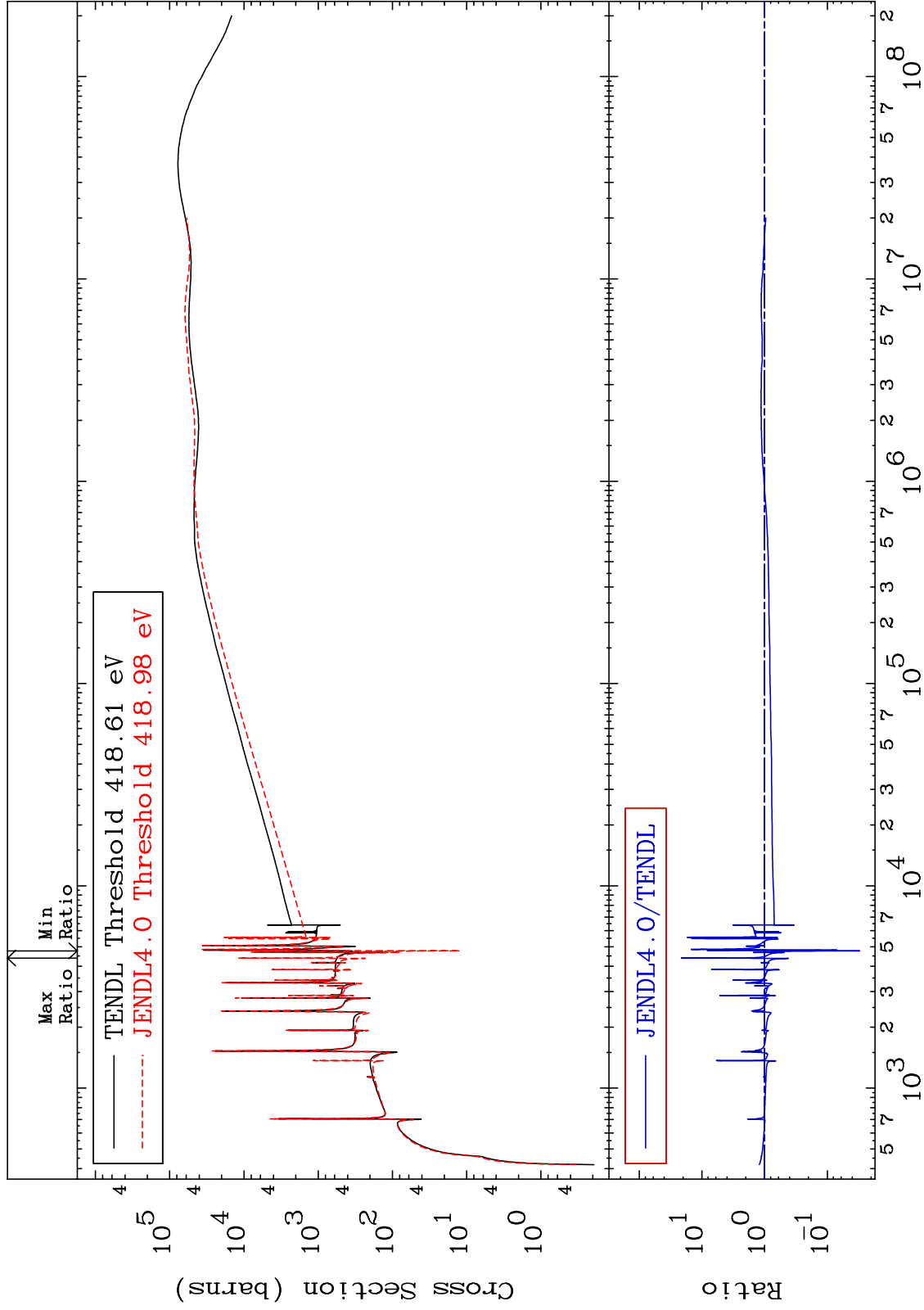
31-Ga-71
-92.58 To 8846. %



MAT 3131

Dpa elastic (mt2)
Cross Section

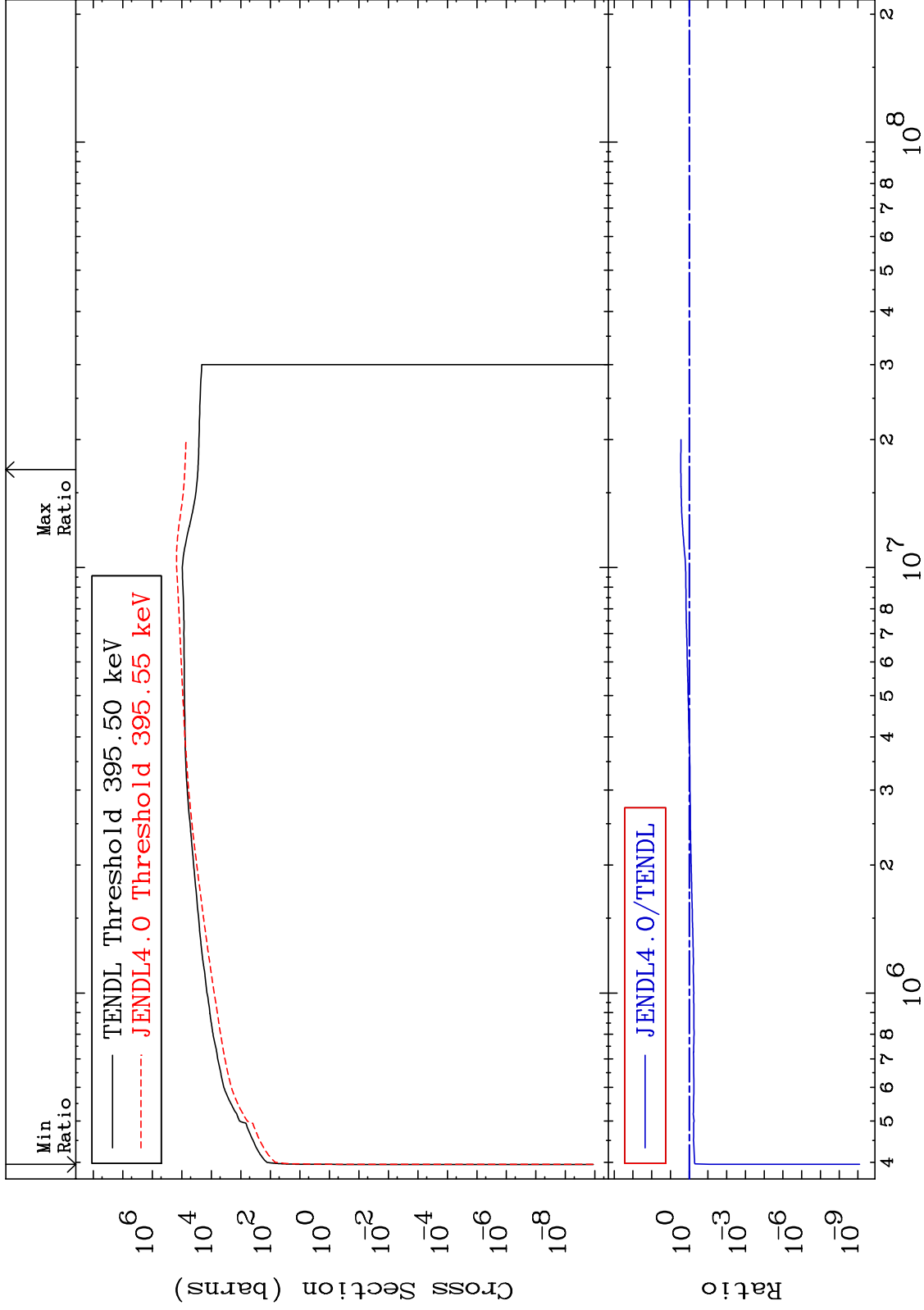
31-Ga-71
-96.97 To 2042. %



MAT 3131

Dpa inelastic (mt51-91)
Cross Section

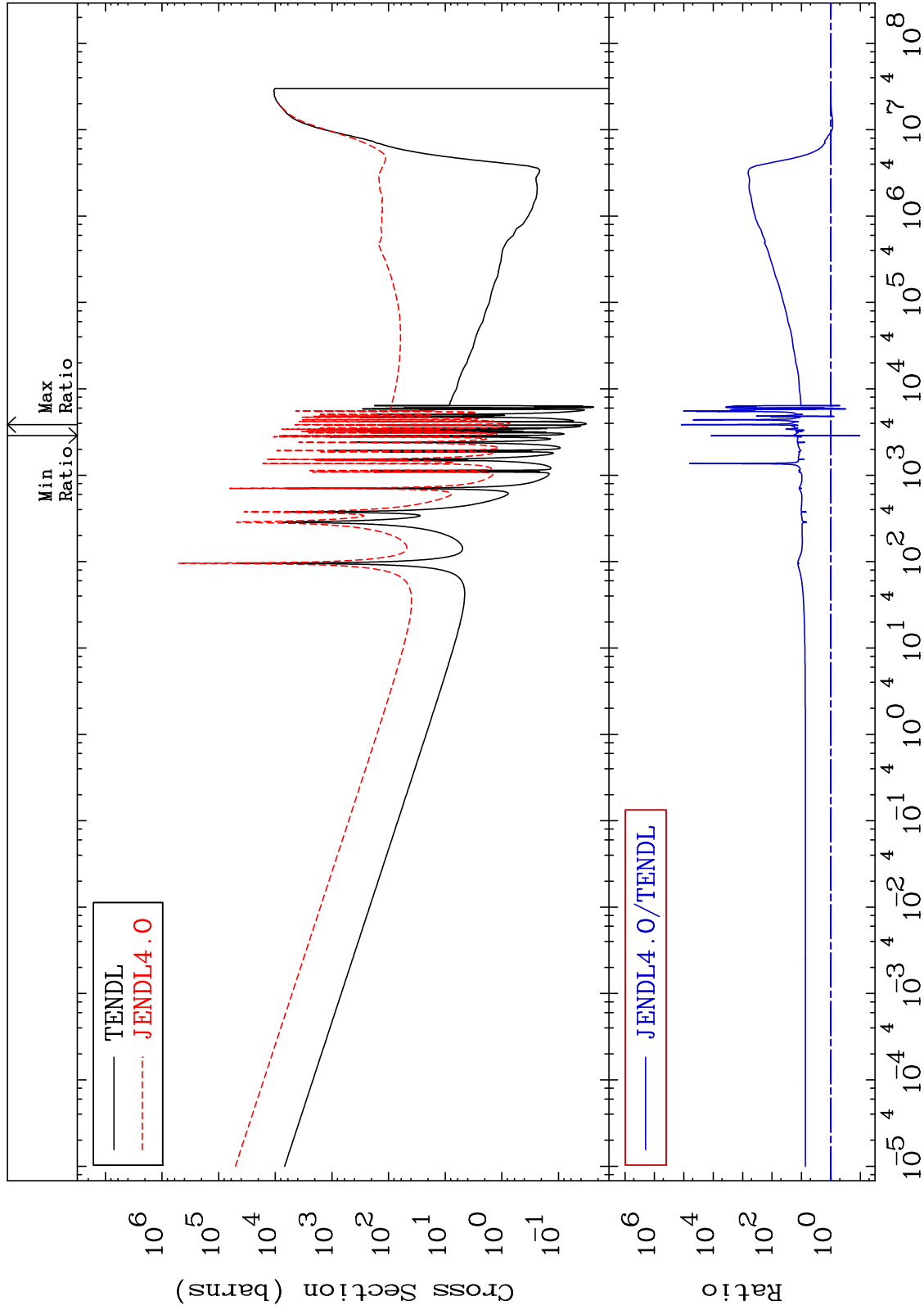
31-Ga-71
-100.0 To 179.3 %



MAT 3131

Dpa disappearance (mt102 -120)
Cross Section

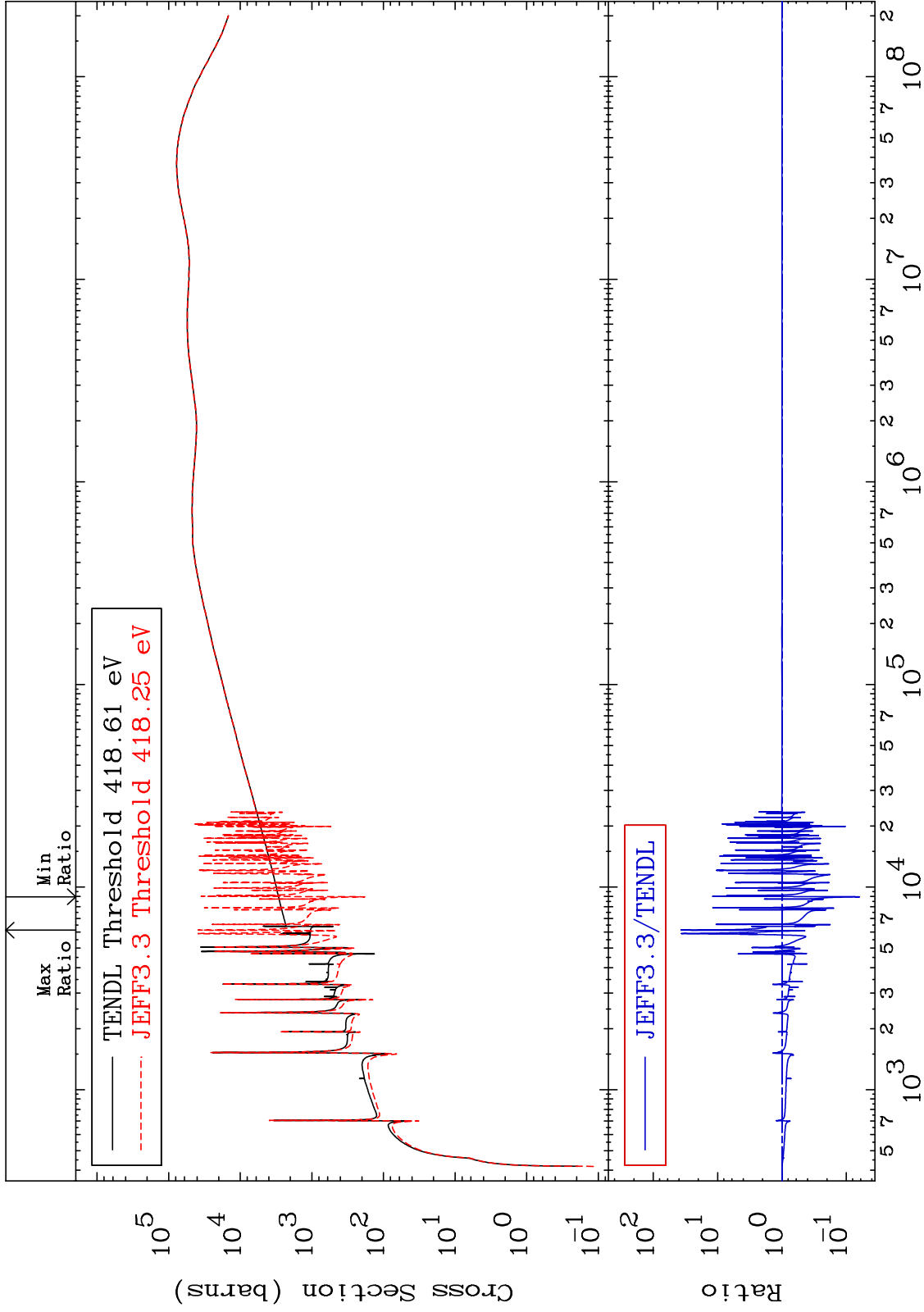
31-Ga-71
-89.54 To 9999. %



MAT 3131

Dpa elastic (mt2)
Cross Section

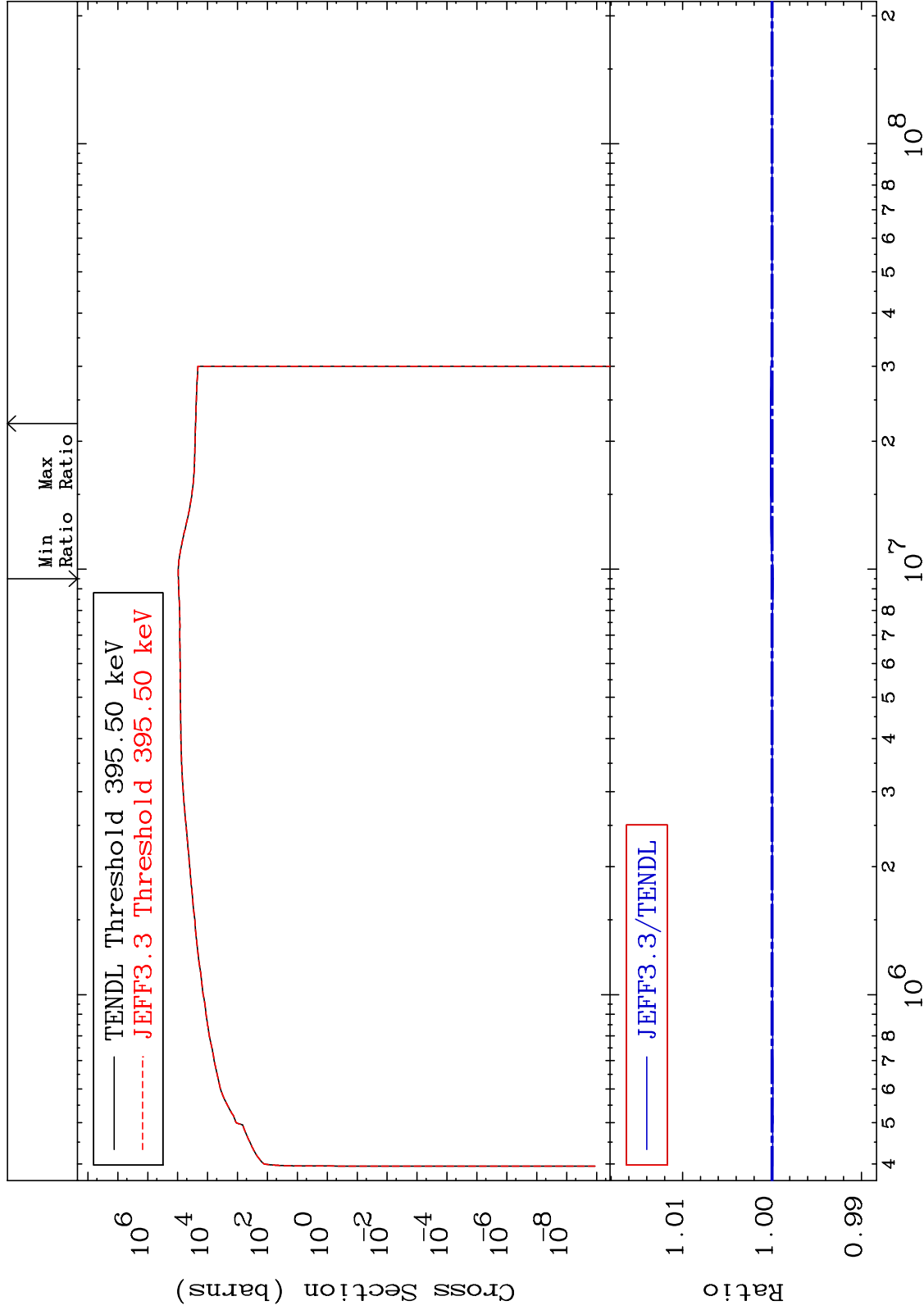
31-Ga-71
-93.79 To 3635. %



MAT 3131

Dpa inelastic (mt51-91)
Cross Section

31-Ga-71
-0.014 To 0.016 %



60

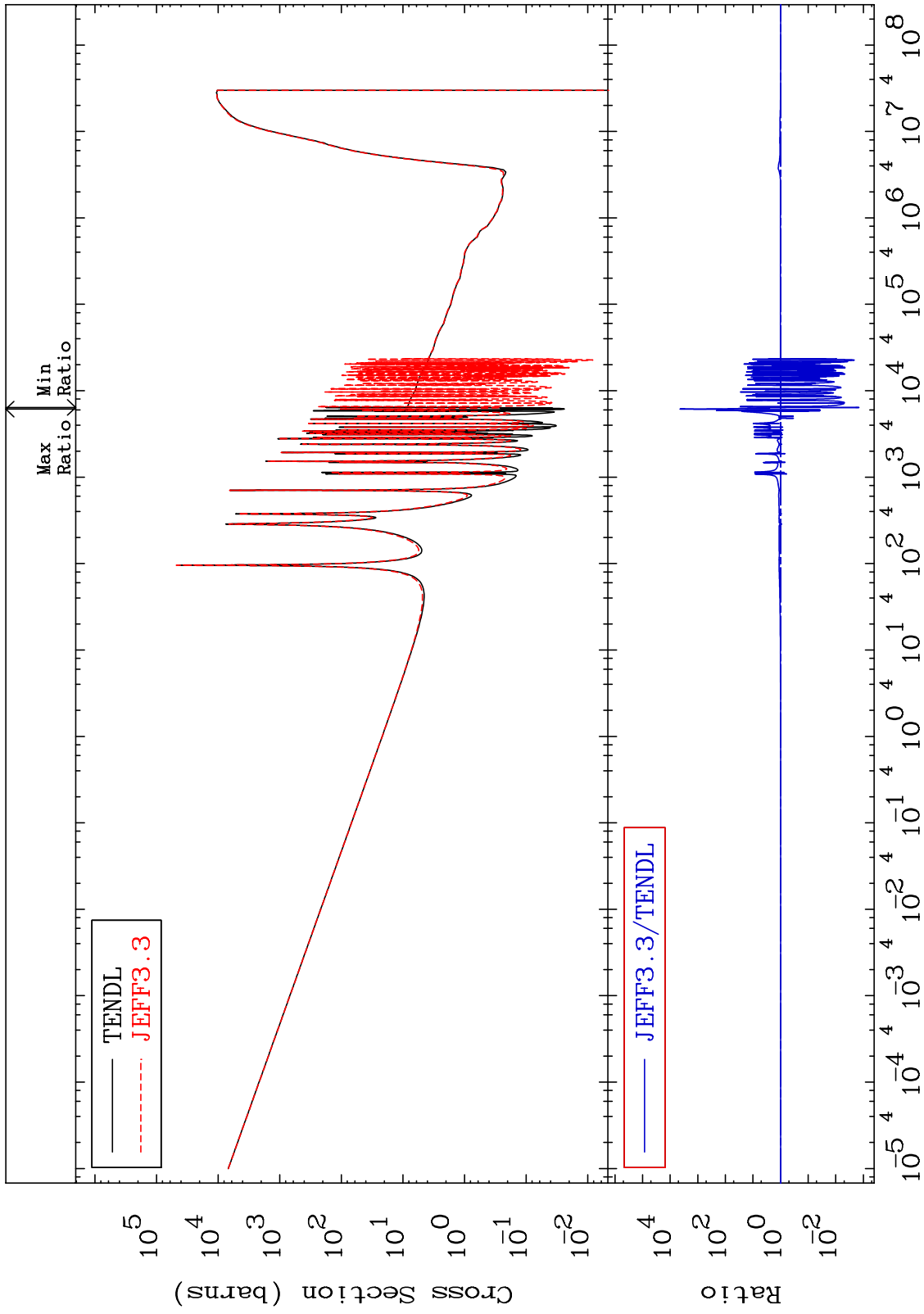
Incident Energy (eV)

31-Ga-71

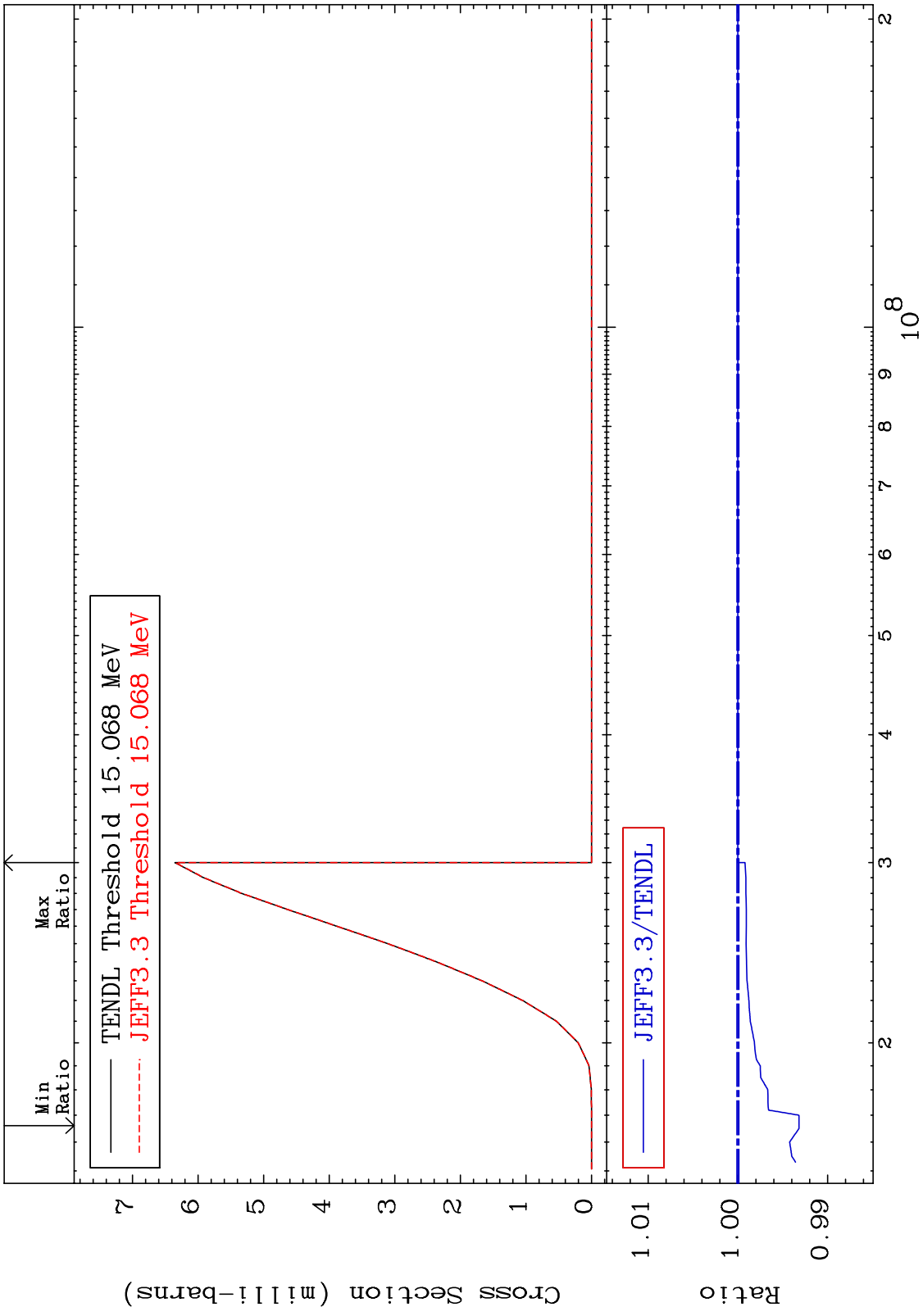
MAT 3131

Dpa disappearance (mt102 -120)
Cross Section

31-Ga-71
-99.85 To 9999. %



MAT 3131 (n, n') d:30-Zn-69g 31-Ga-71
 Radionuclide Production Cross Section -0.681 To 0.000 %

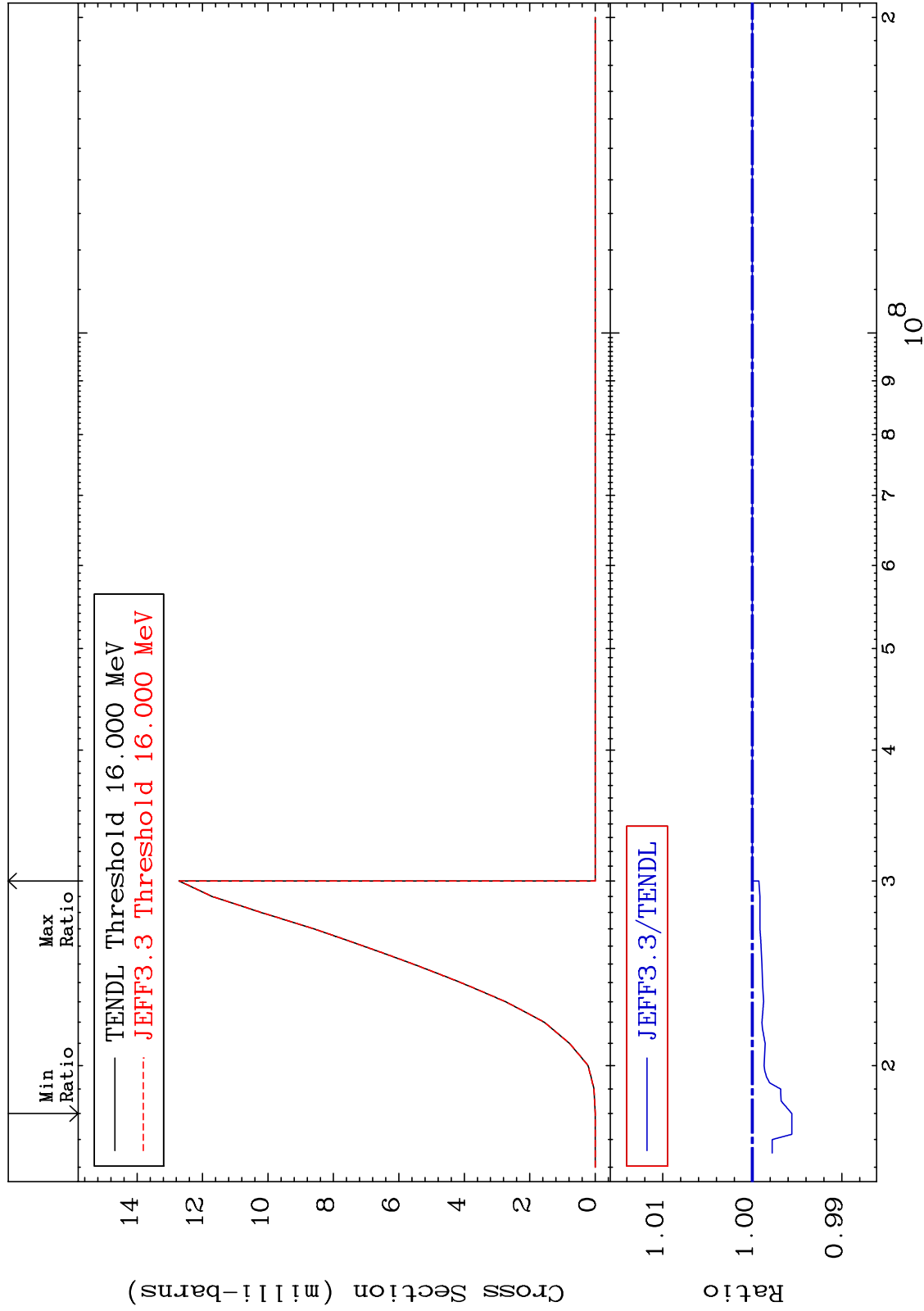


MAT 3131

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

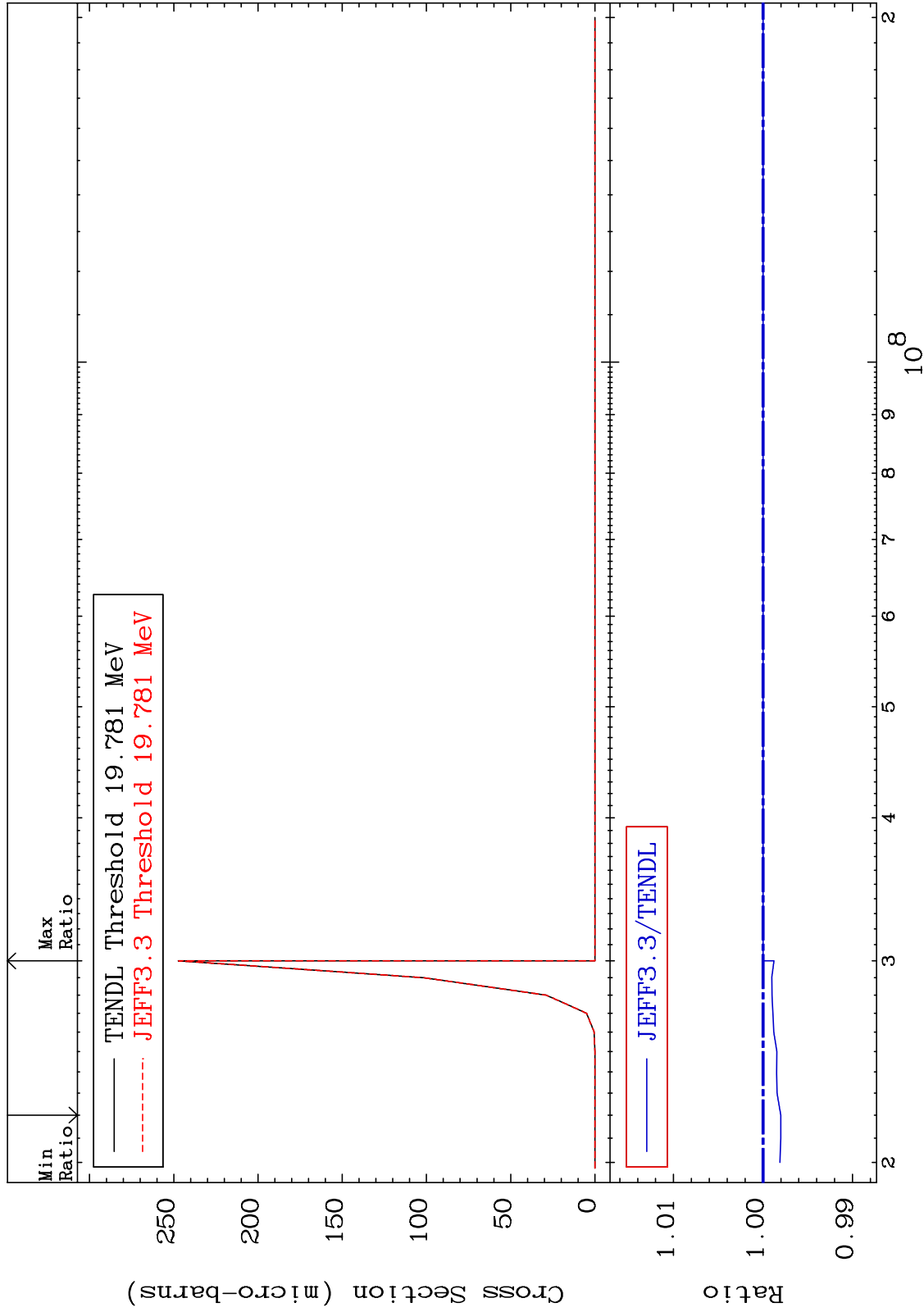
31-Ga-71

Radionuclide Production Cross Section -0.442 To 0.000 %



MAT 3131

(n,n') He-3:29-Cu-68g 31-Ga-71
Radionuclide Production Cross Section -0.198 To 0.000 %

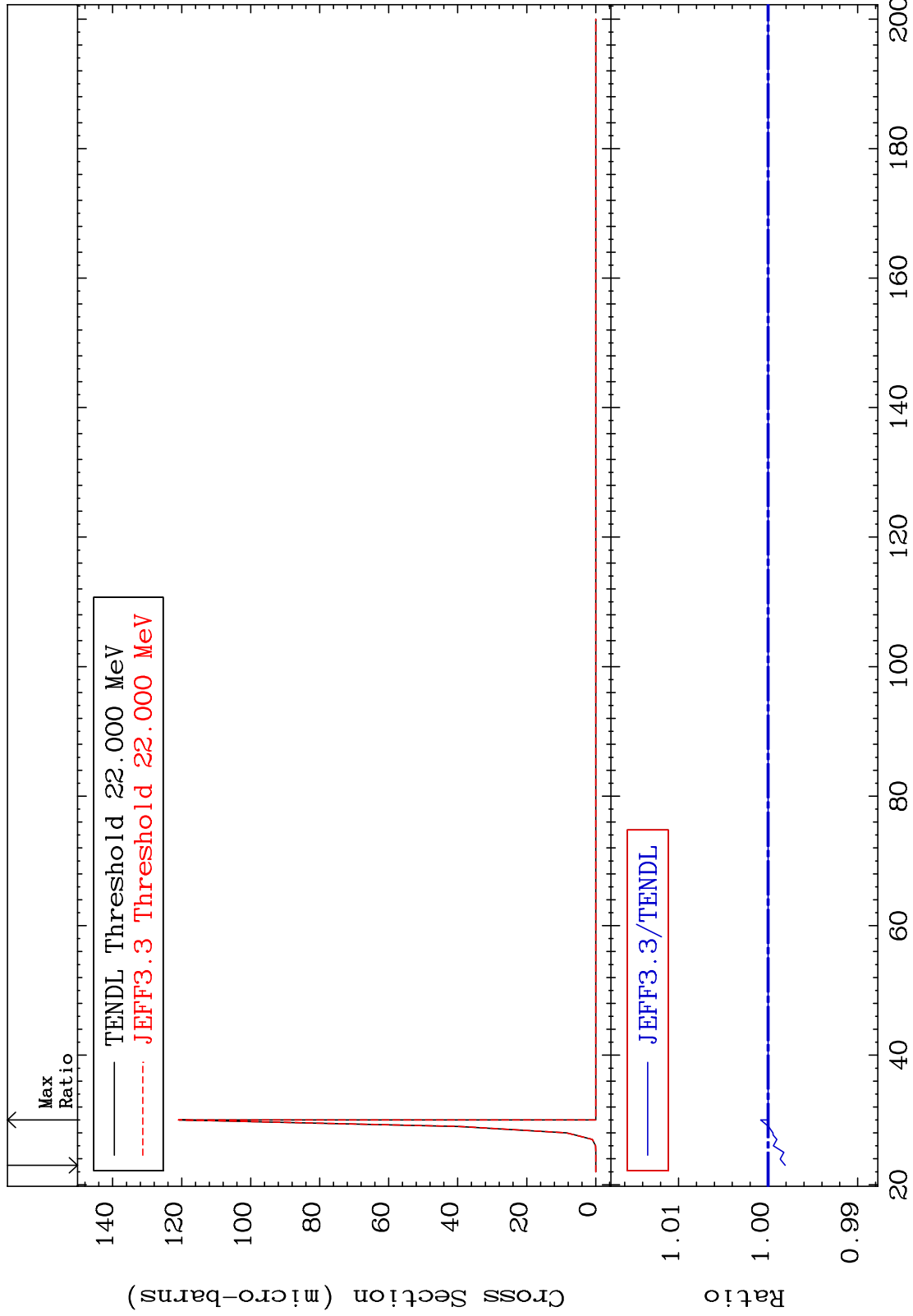


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.191 To 0.083 %



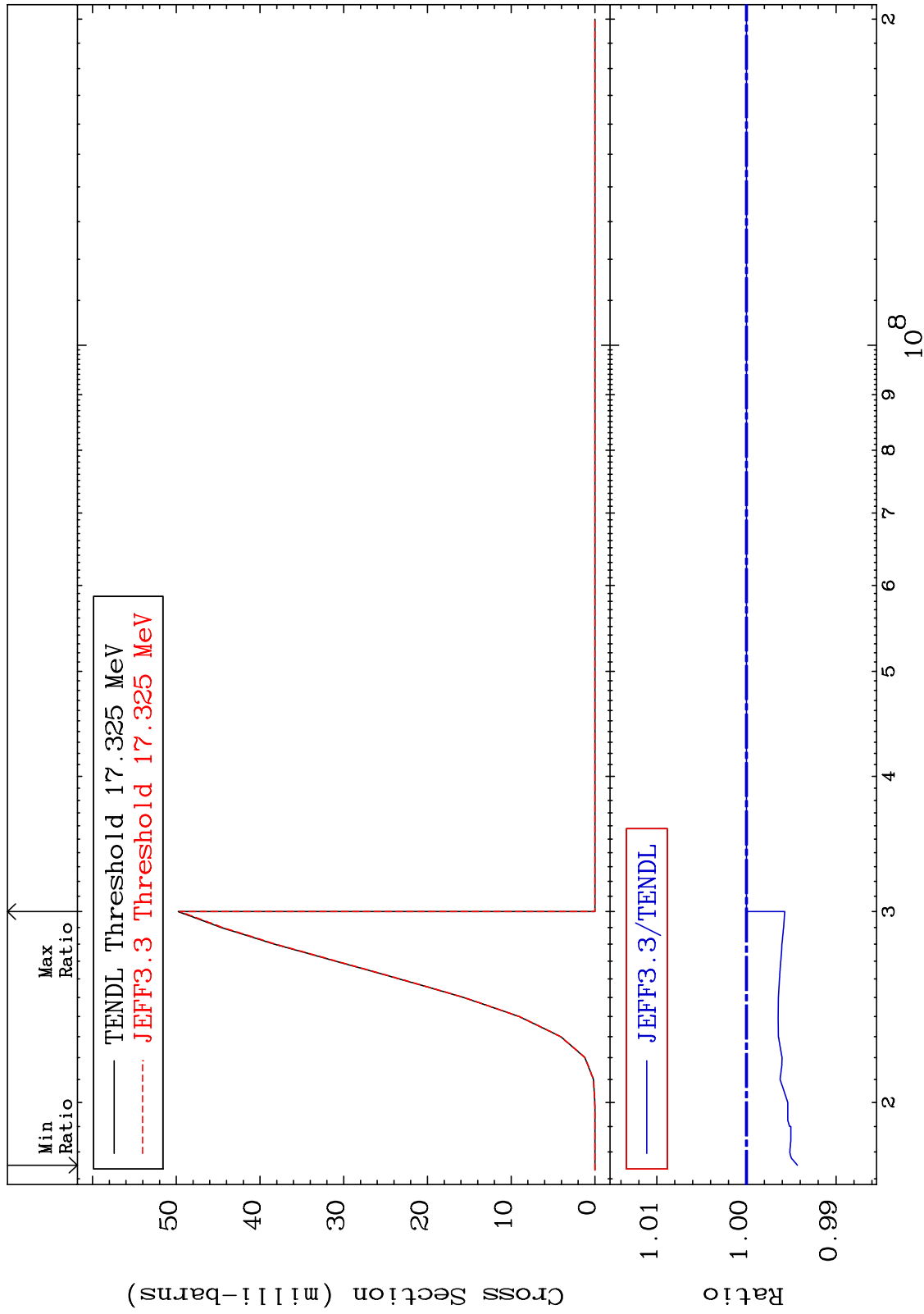
65

Incident Energy (MeV)

31-Ga-71

MAT 3131

(n,2n) p:30-Zn-69g 31-Ga-71
Radionuclide Production Cross Section -0.568 To 0.000 %

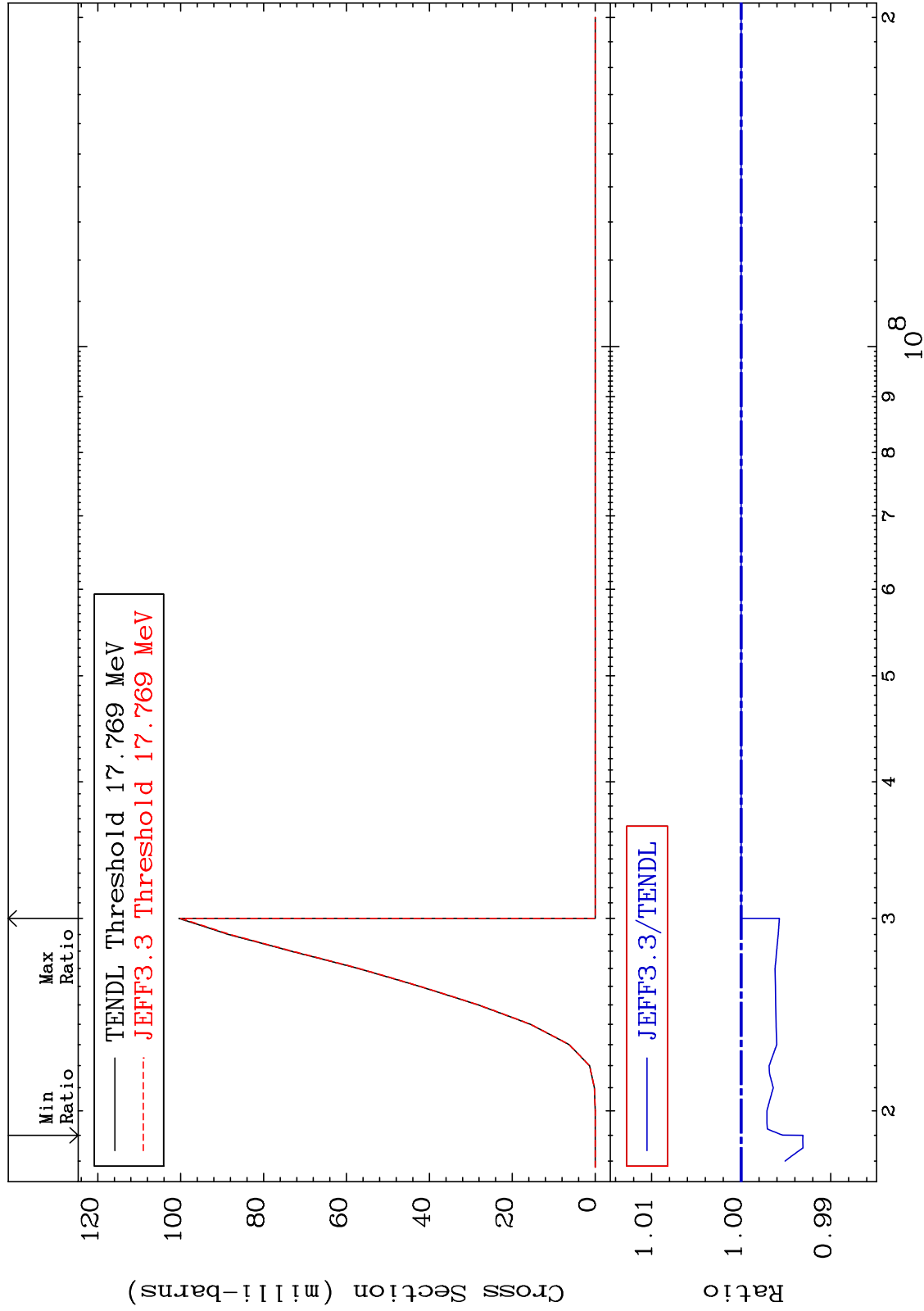


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.688 To 0.000 %



67

Incident Energy (eV)

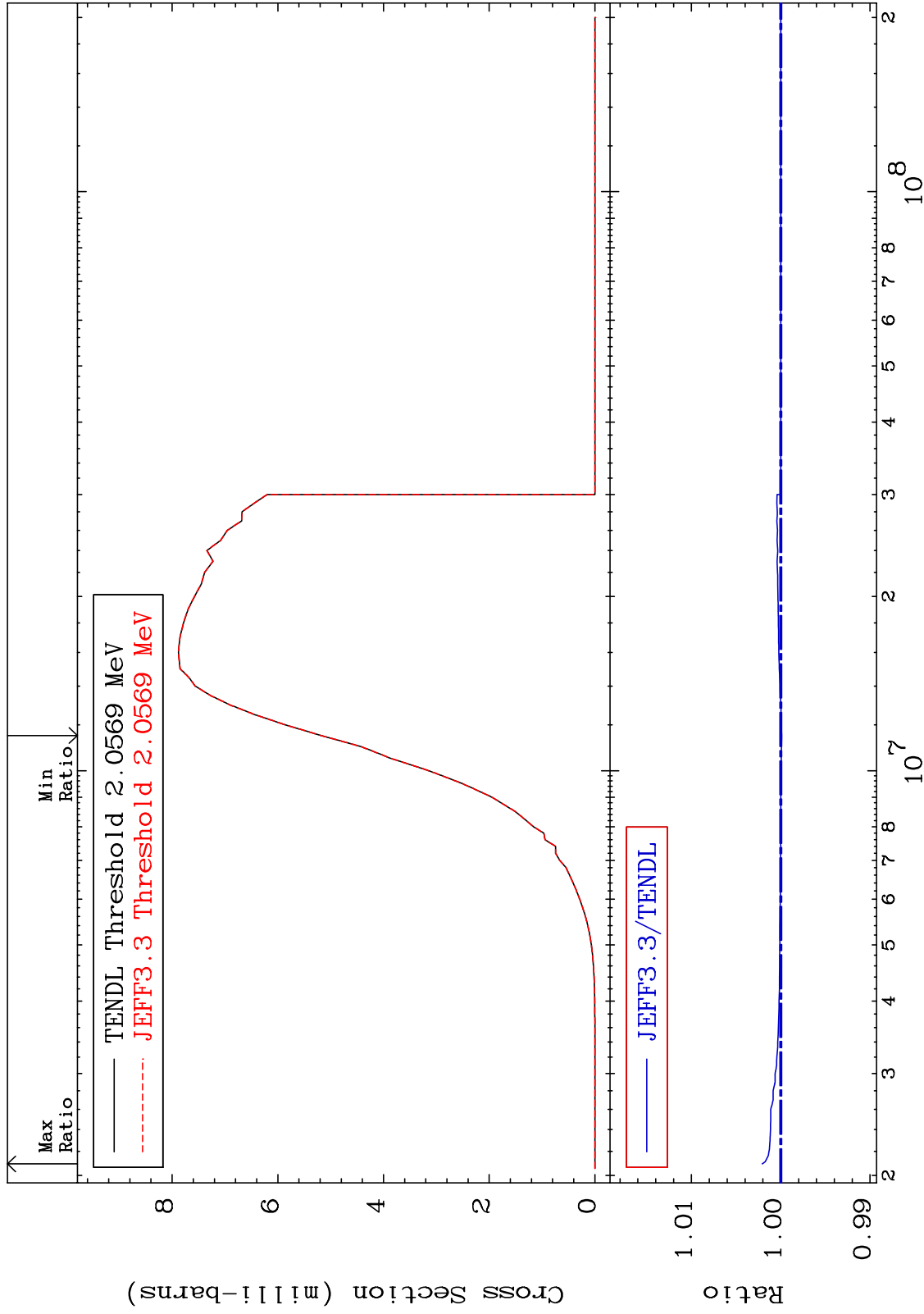
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.010 To 0.209 %



68

Incident Energy (eV)

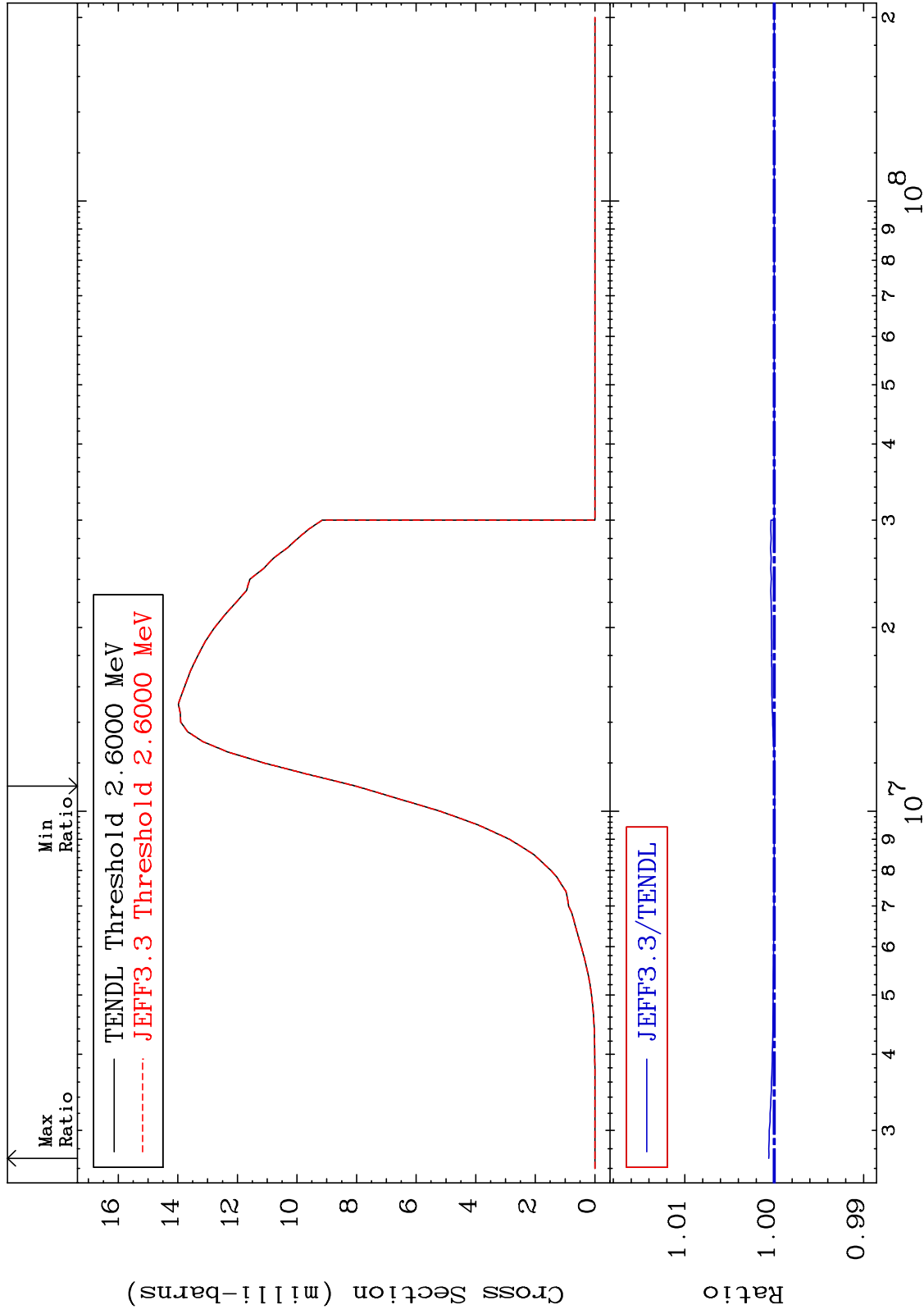
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.008 To 0.059 %

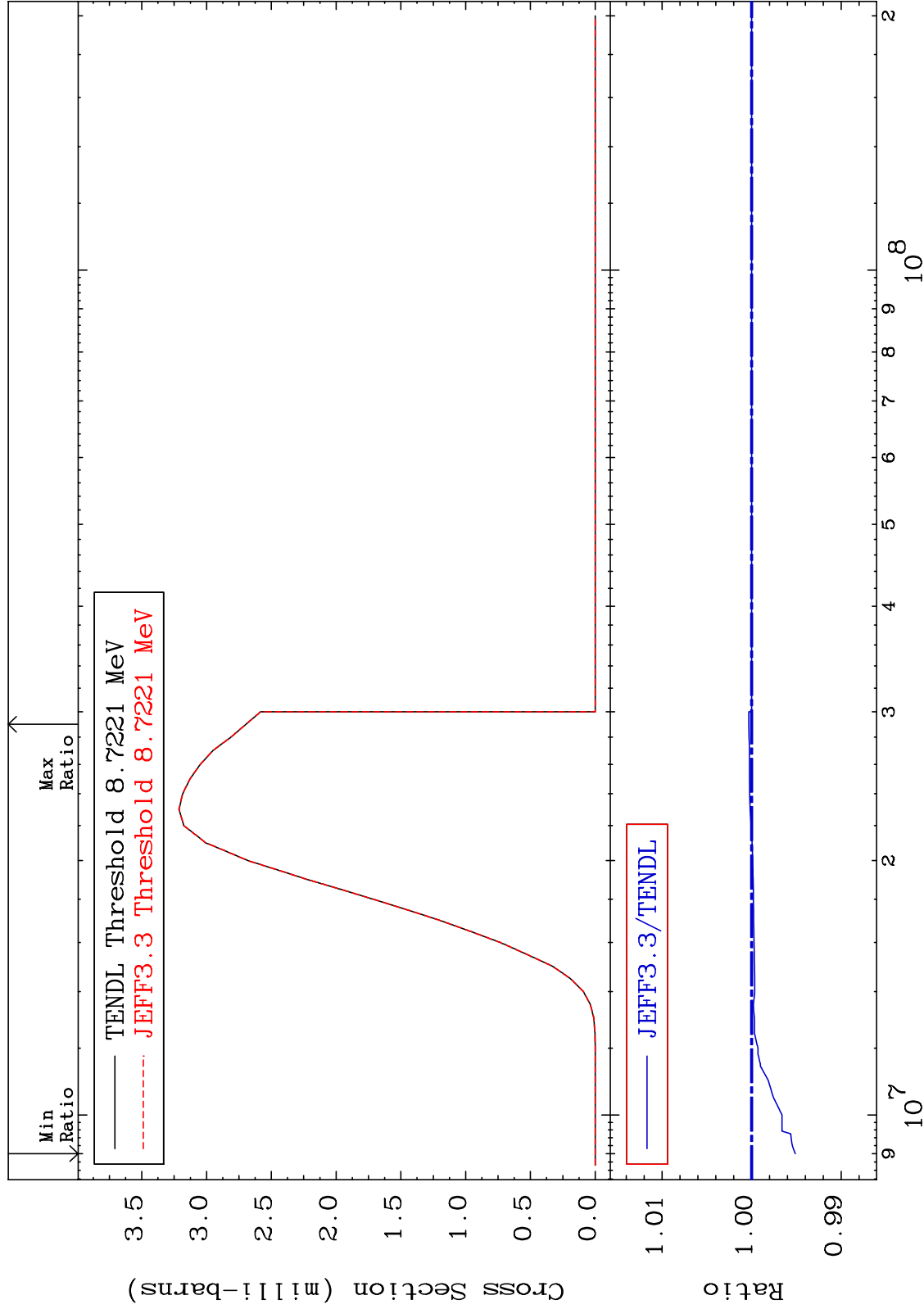


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.487 To 0.033 %



70

Incident Energy (eV)

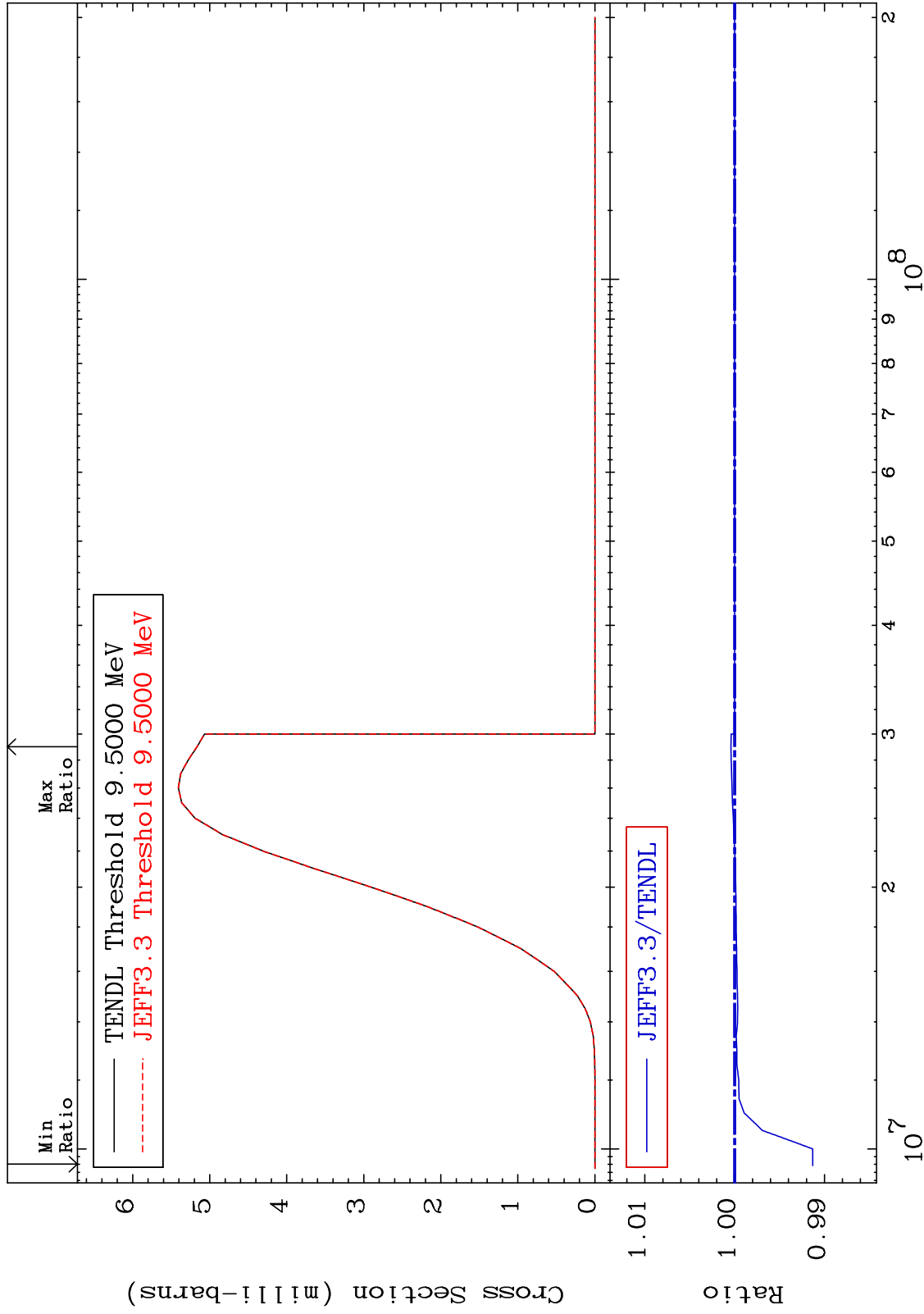
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.870 To 0.041 %



71

Incident Energy (eV)

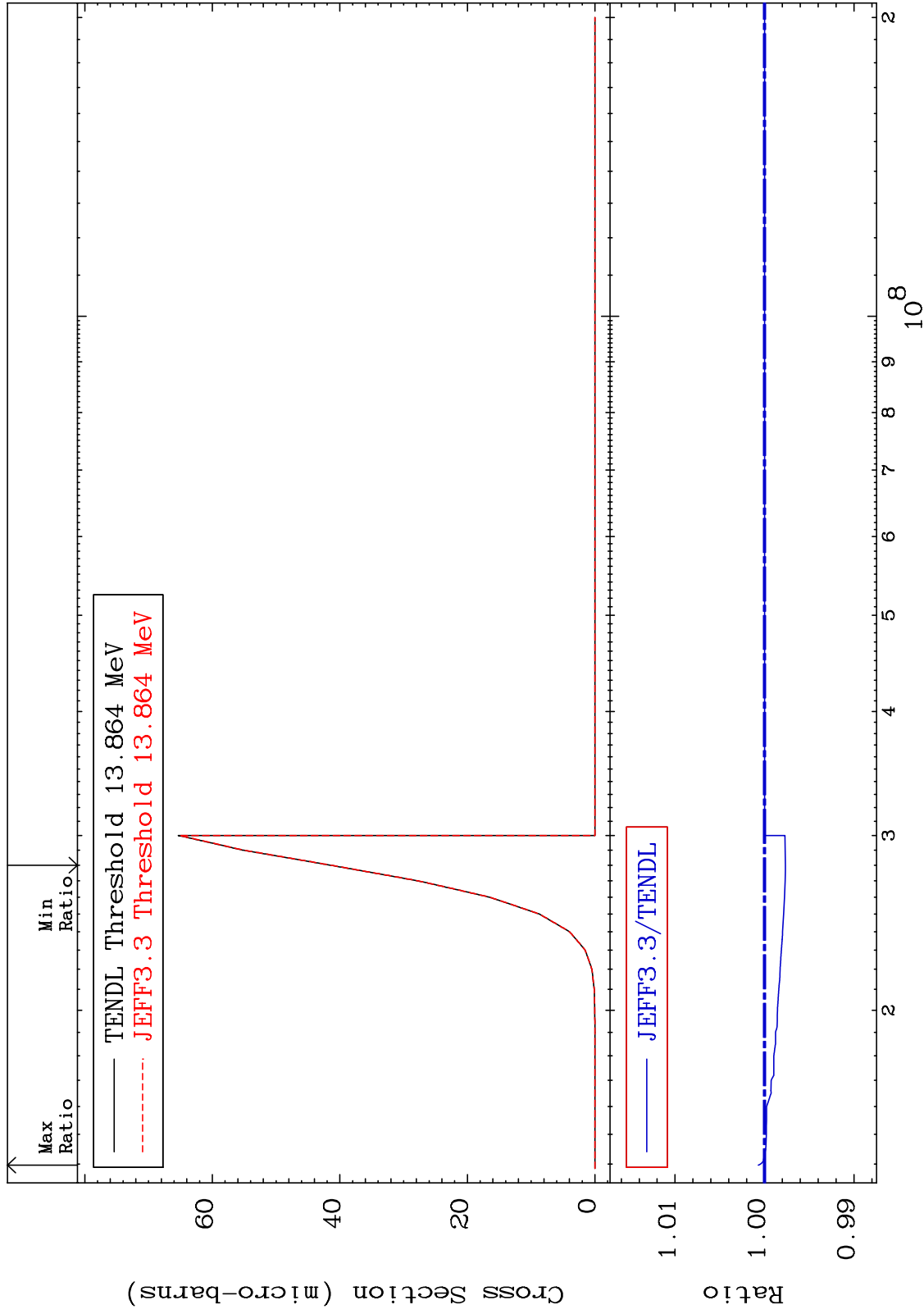
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.234 To 0.069 %



72

Incident Energy (eV)

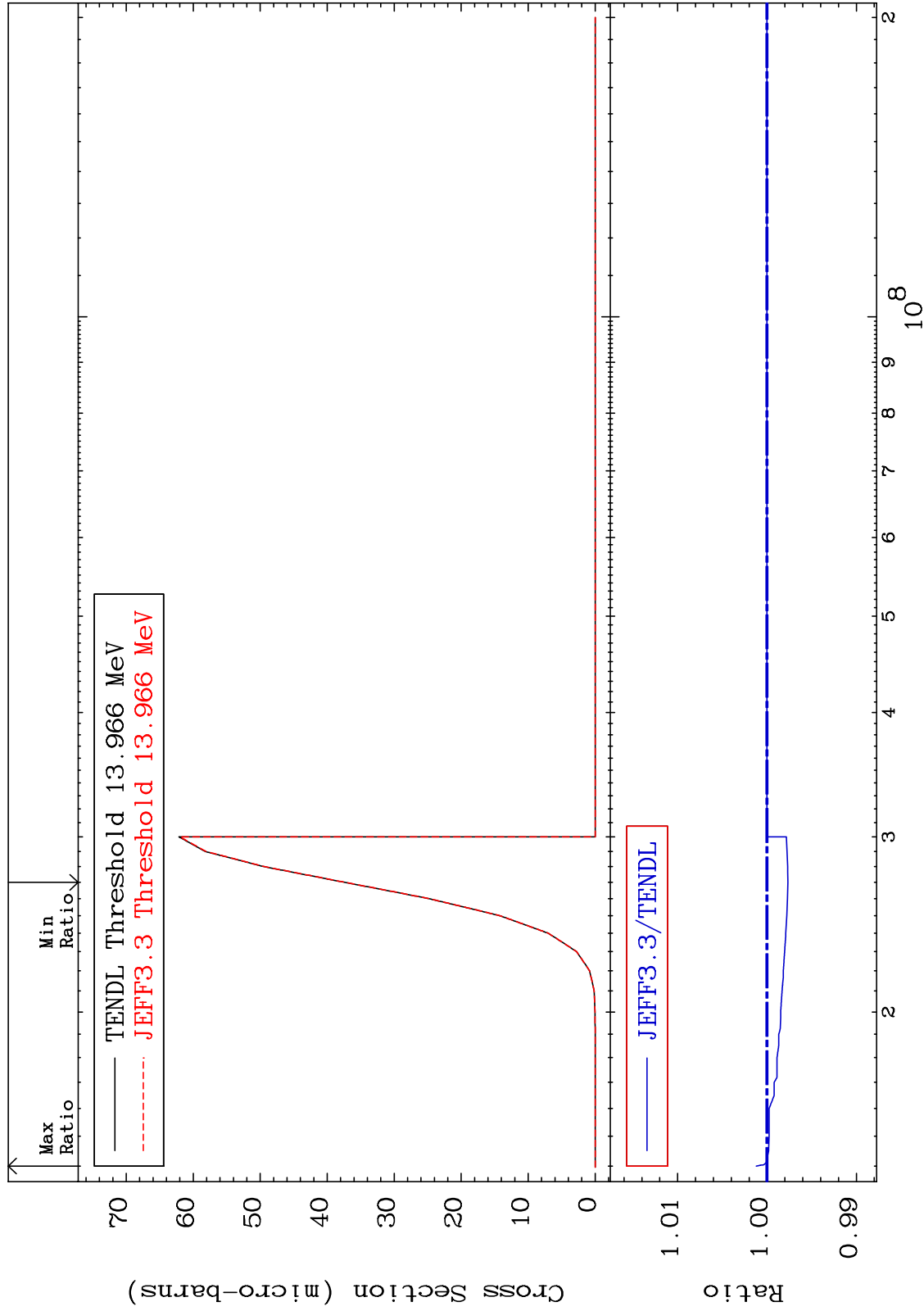
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.233 To 0.121 %



73

Incident Energy (eV)

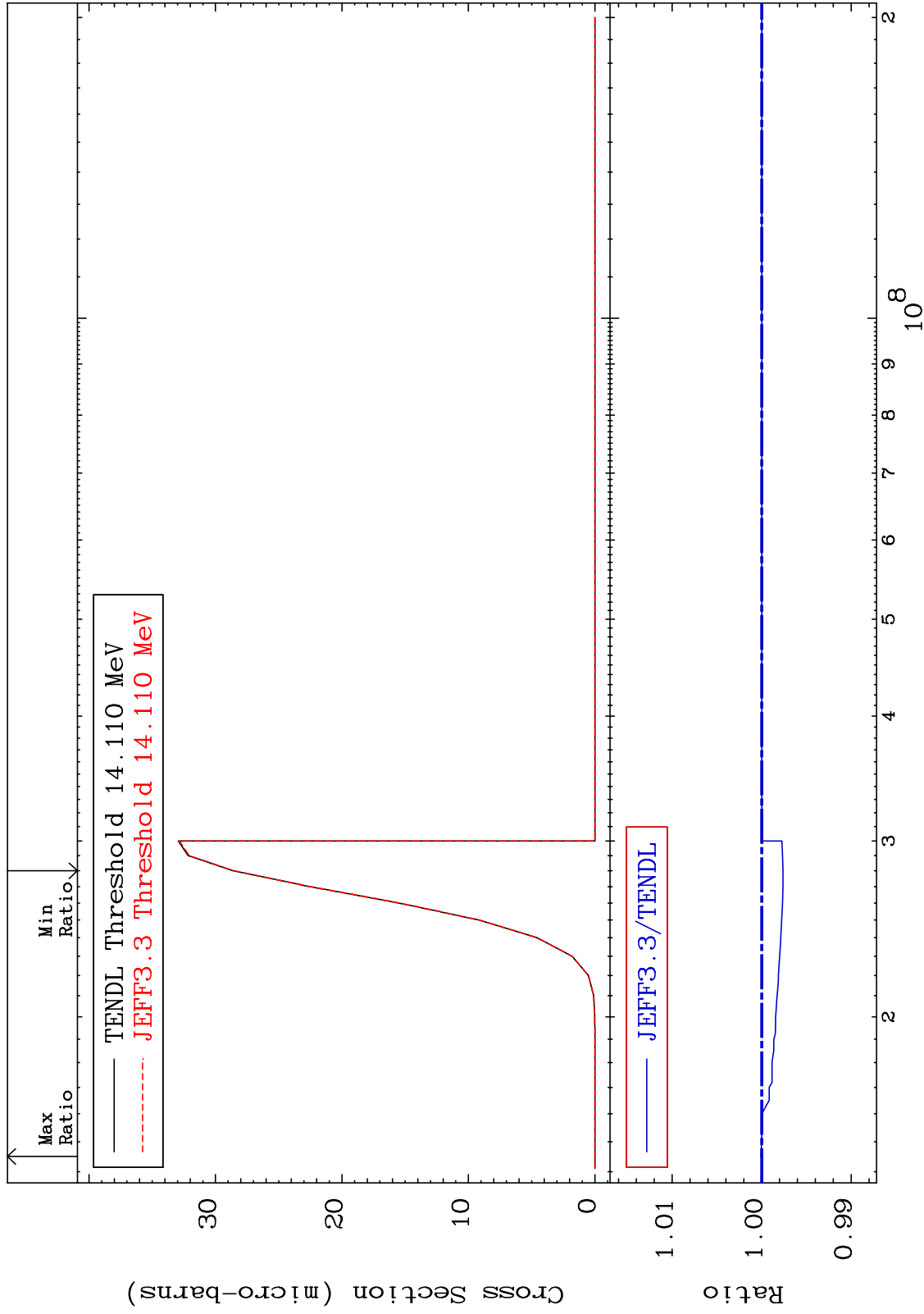
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.237 To 0.009 %



74

Incident Energy (eV)

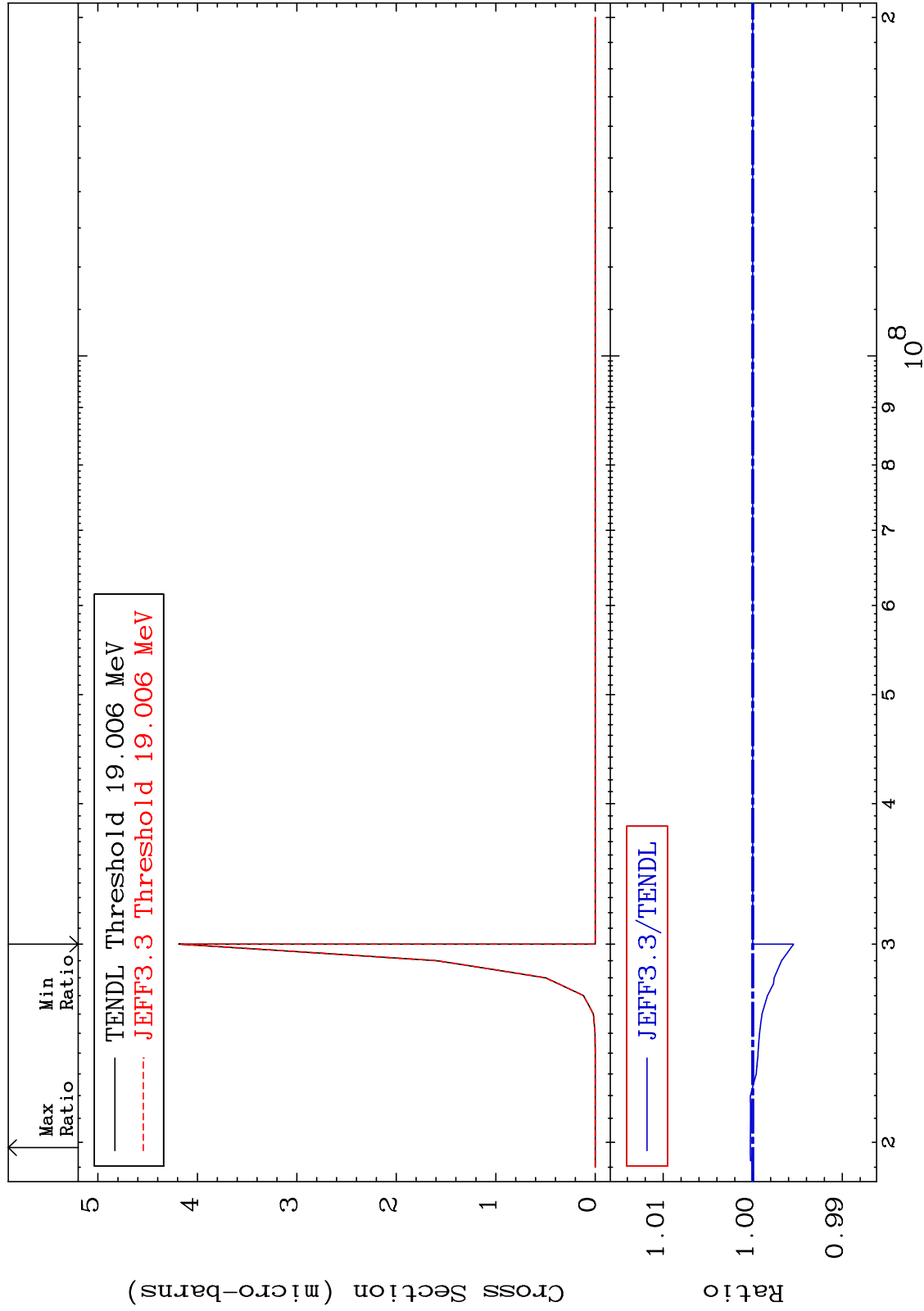
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.457 To 0.026 %



75

Incident Energy (eV)

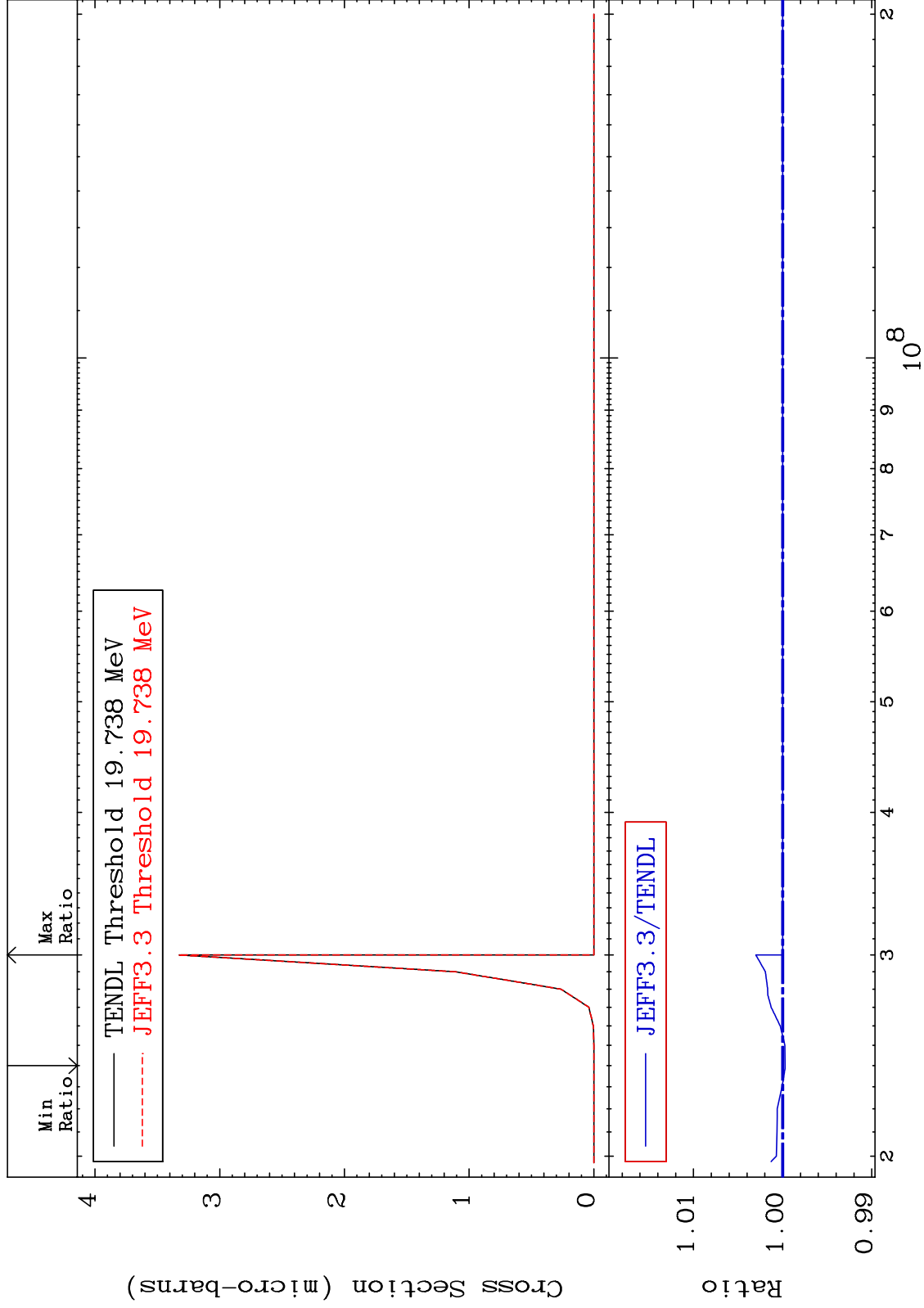
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -0.028 To 0.301 %



76

Incident Energy (eV)

31-Ga-71