

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

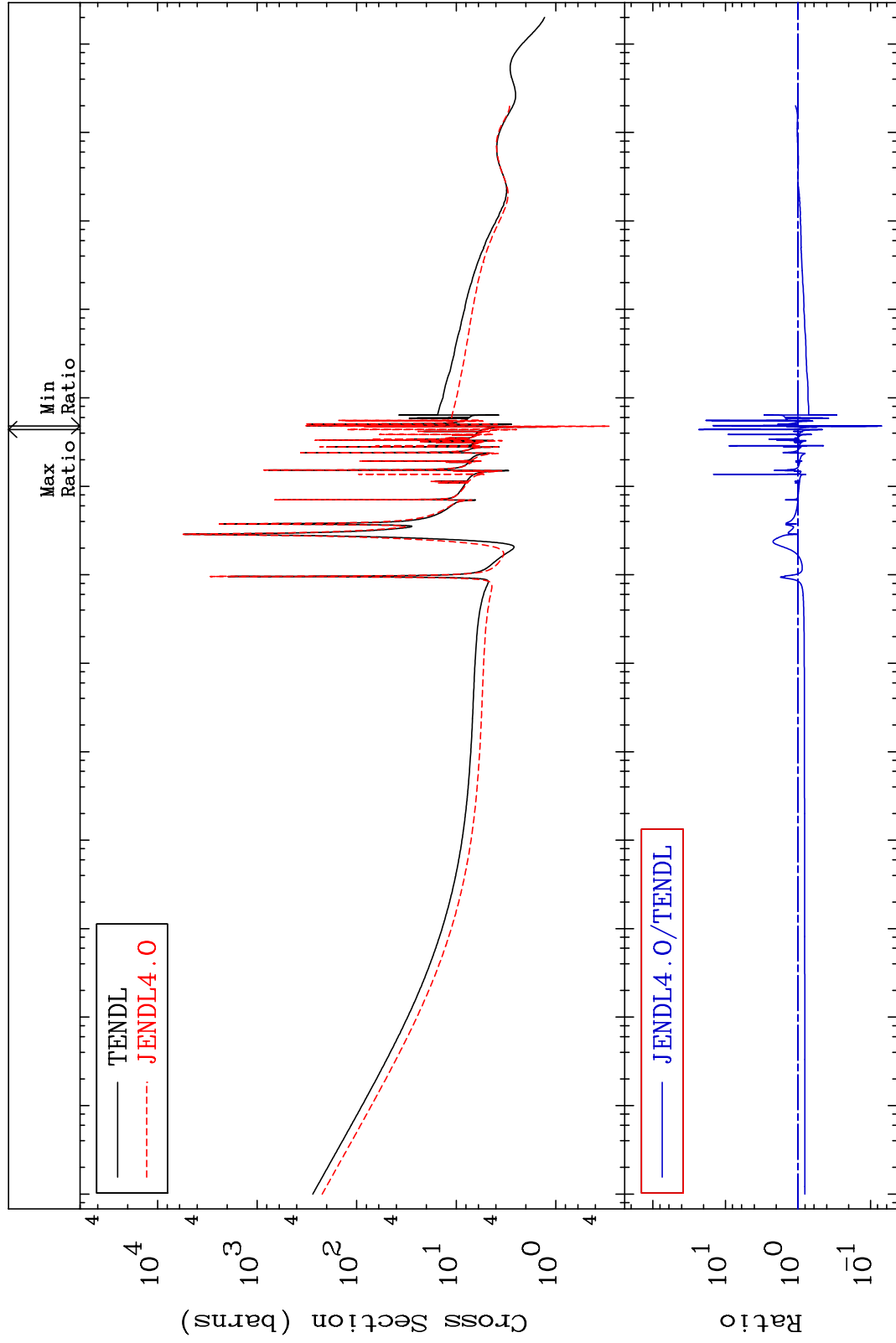
MAT 3131

Total

31-Ga-71

Cross Section

-92.96 To 2234. %



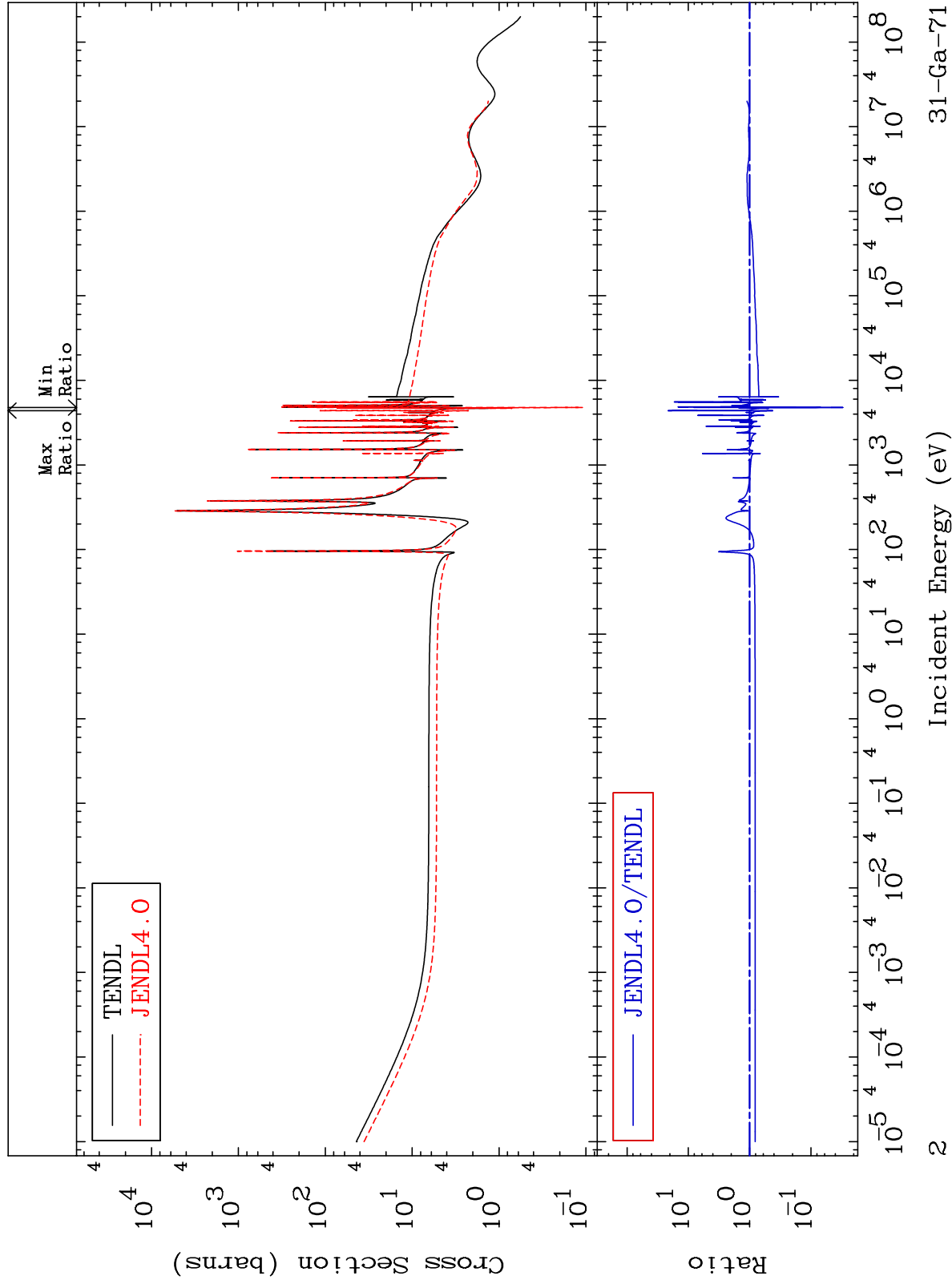
Incident Energy (eV)

31-Ga-71

MAT 3131

Elastic
Cross Section

31-Ga-71
-96.98 To 2046. %



31-Ga-71

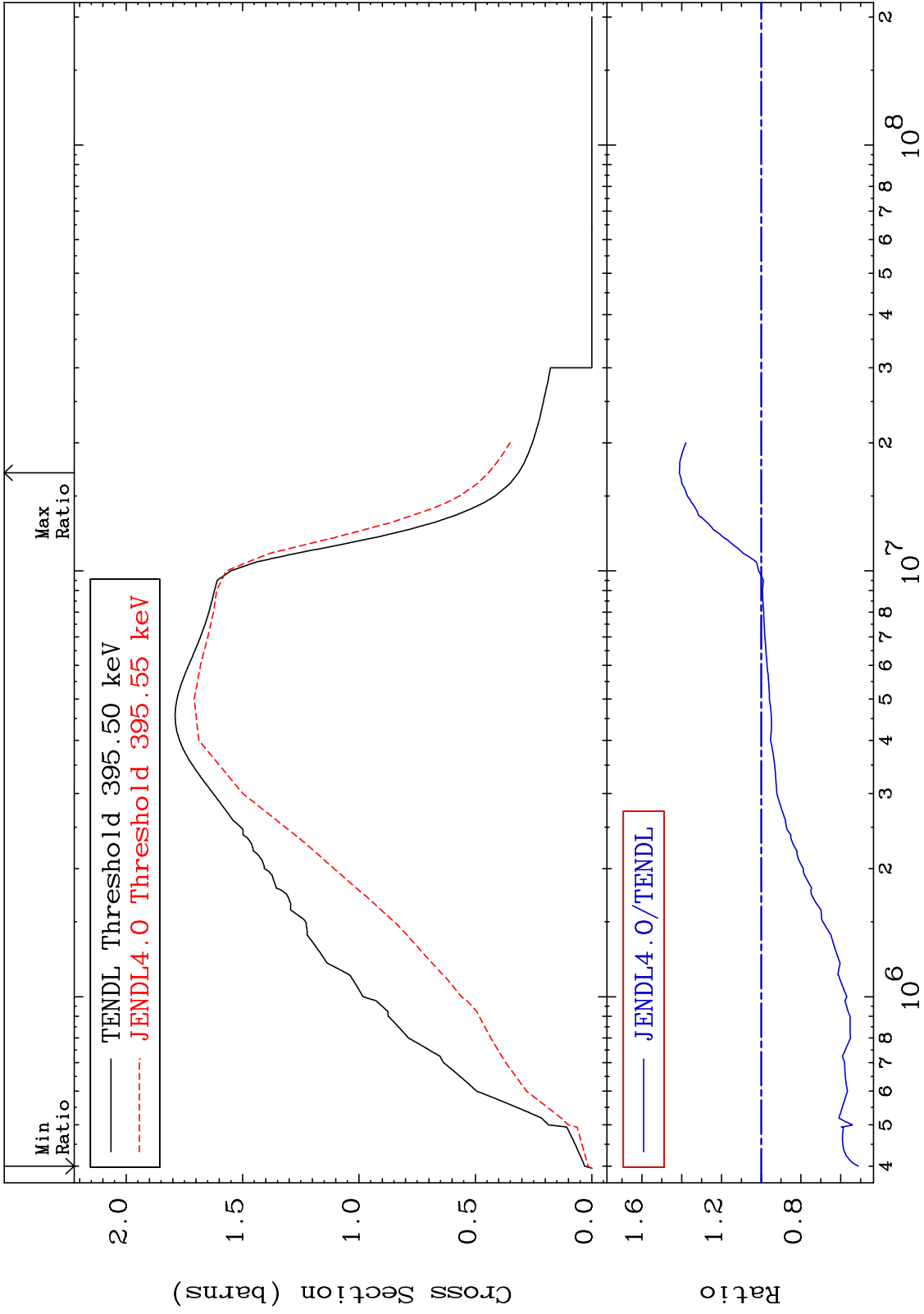
MAT 3131

31-Ga-71

-48.78 To 41.14 %

Inelastic

Cross Section



31-Ga-71

Incident Energy (eV)

3

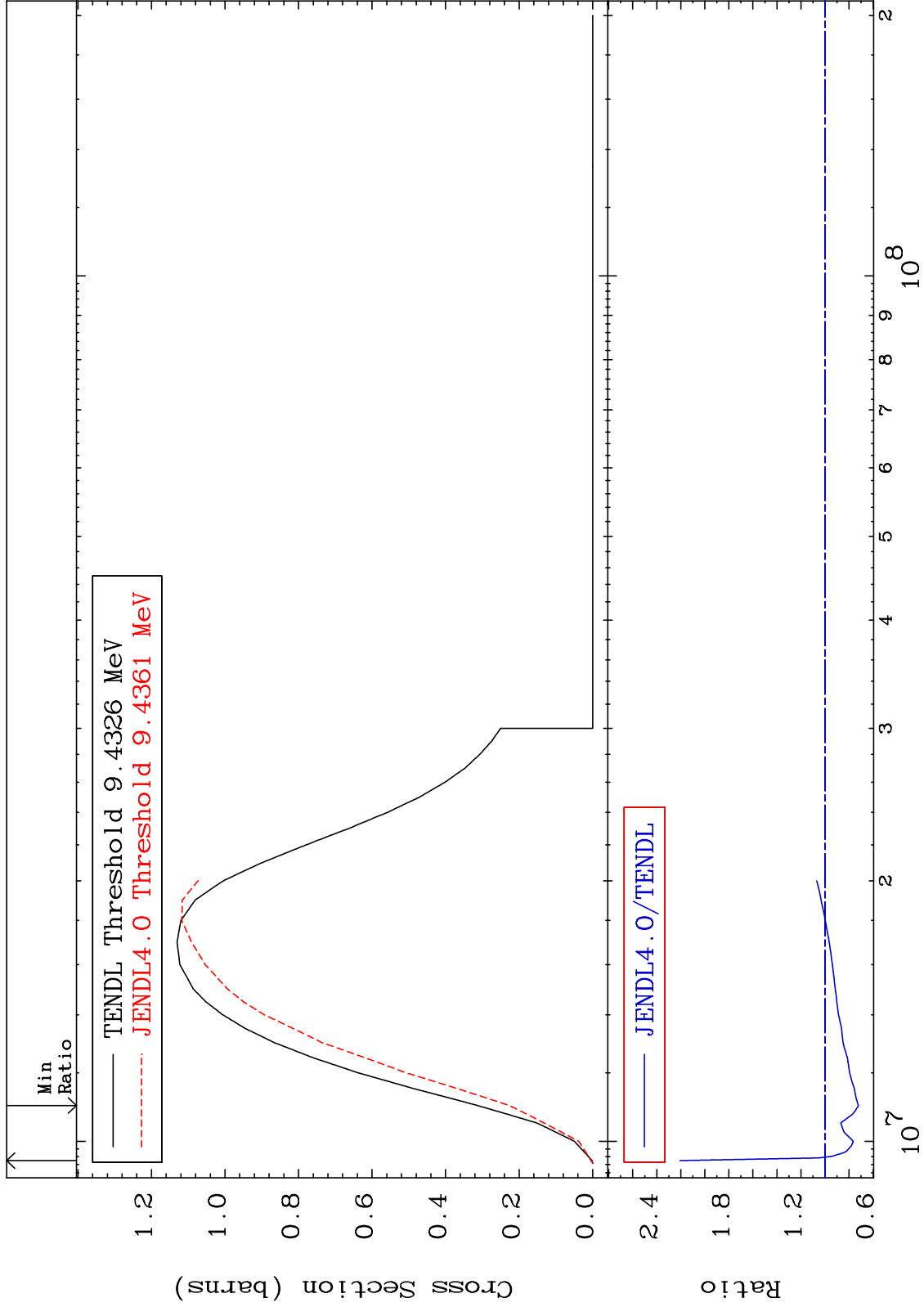
MAT 3131

(n, 2n)

31-Ga-71

Cross Section

-27.78 To 120.6 %



4

Incident Energy (eV)

31-Ga-71

MAT 3131

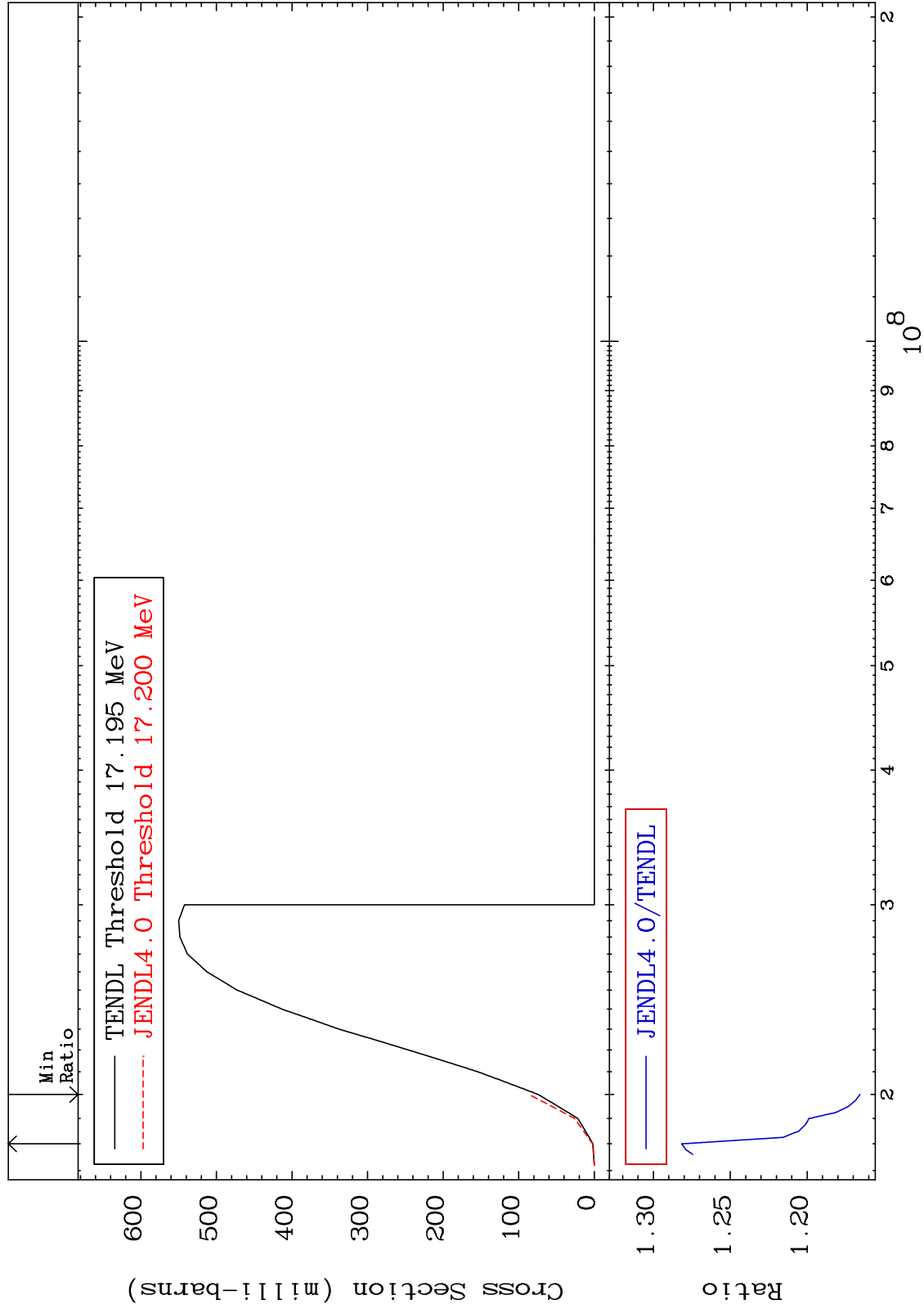
(n, 3n)

31-Ga-71

Cross Section

16.56

To 28.16 %



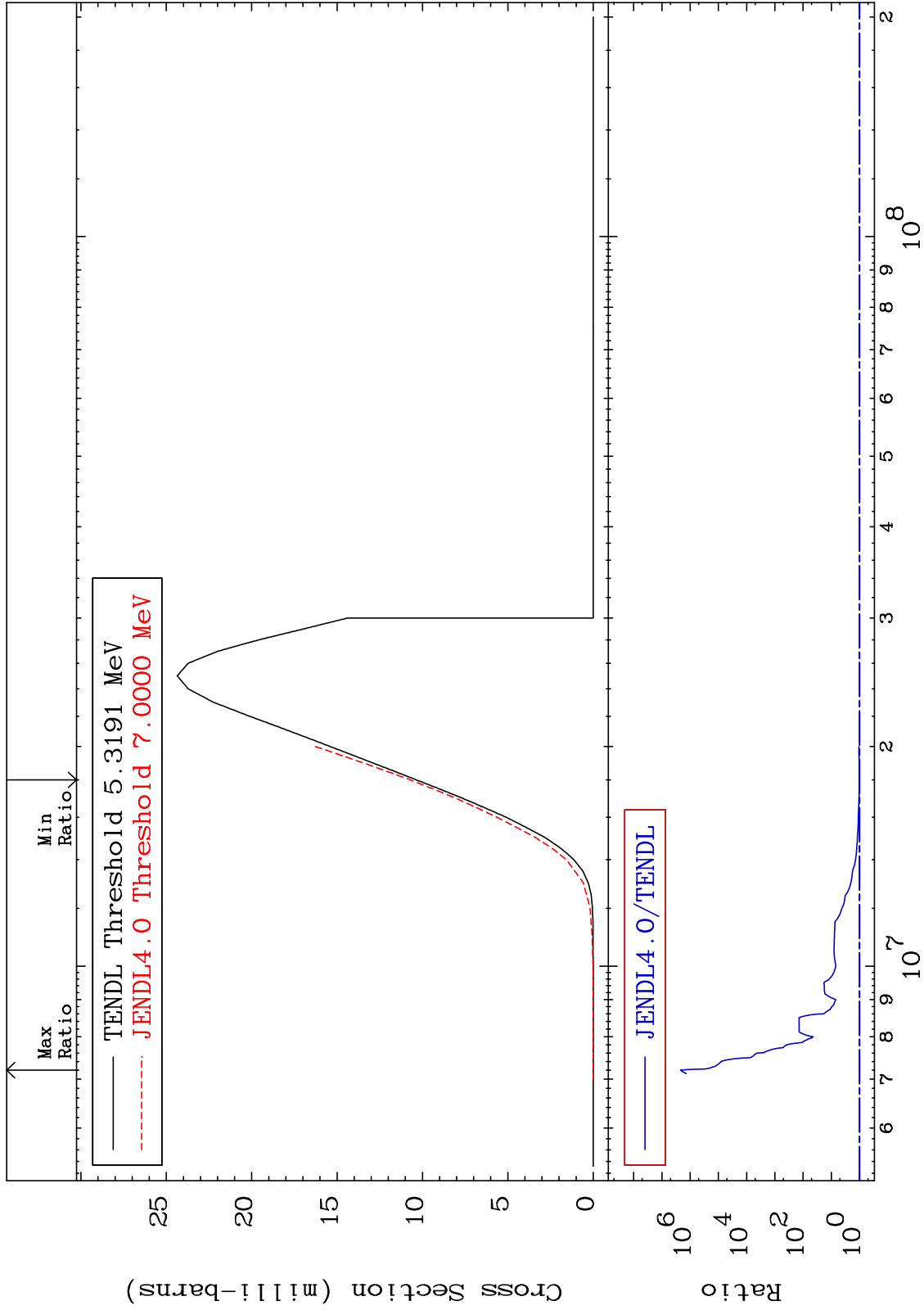
MAT 3131

(n,n') α

31-Ga-71

Cross Section

3.435 To 9999. %



6

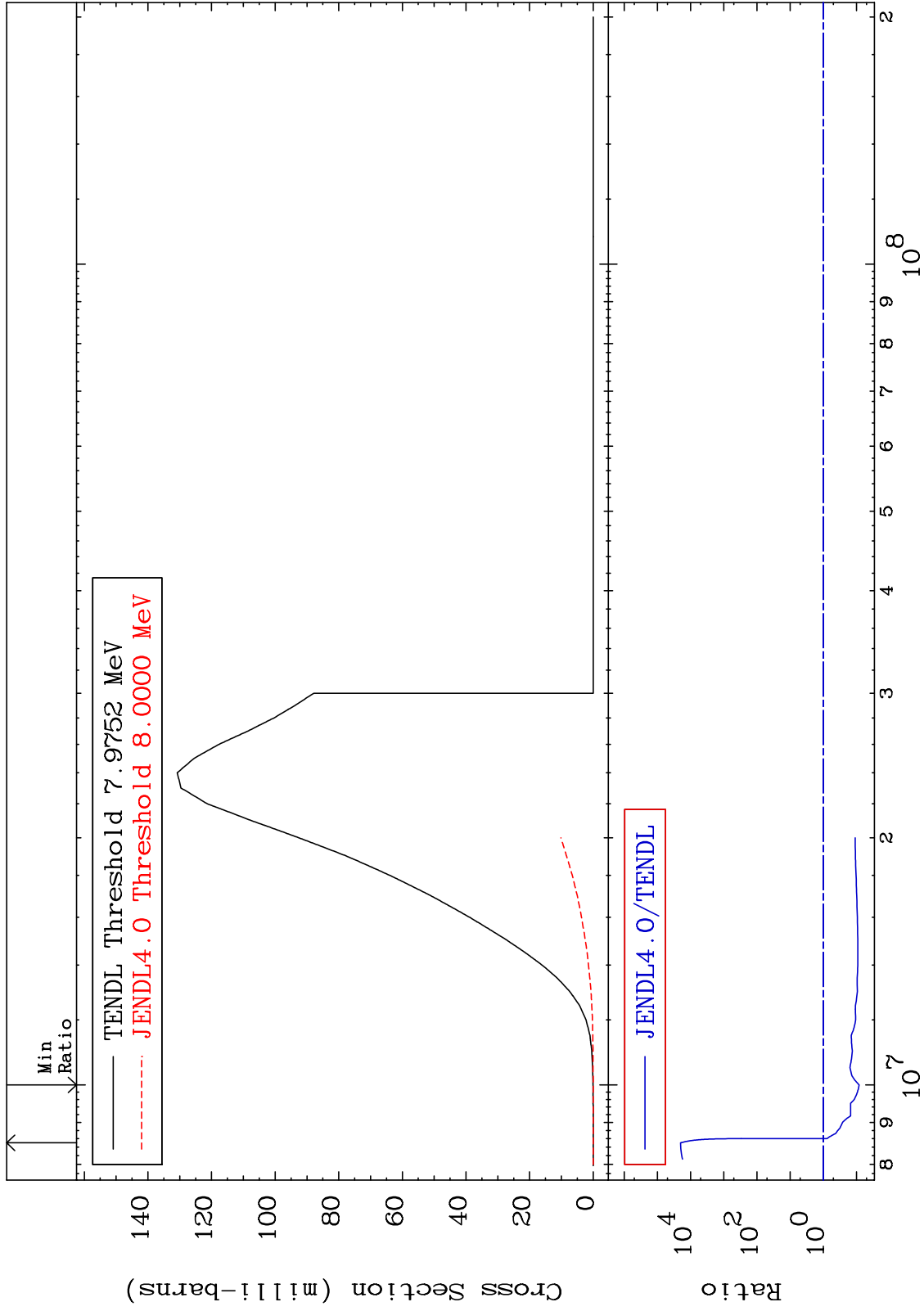
Incident Energy (eV)

31-Ga-71

MAT 3131

(n,n') p
Cross Section

31-Ga-71
-91.70 To 9999. %



7

31-Ga-71

31-Ga-71

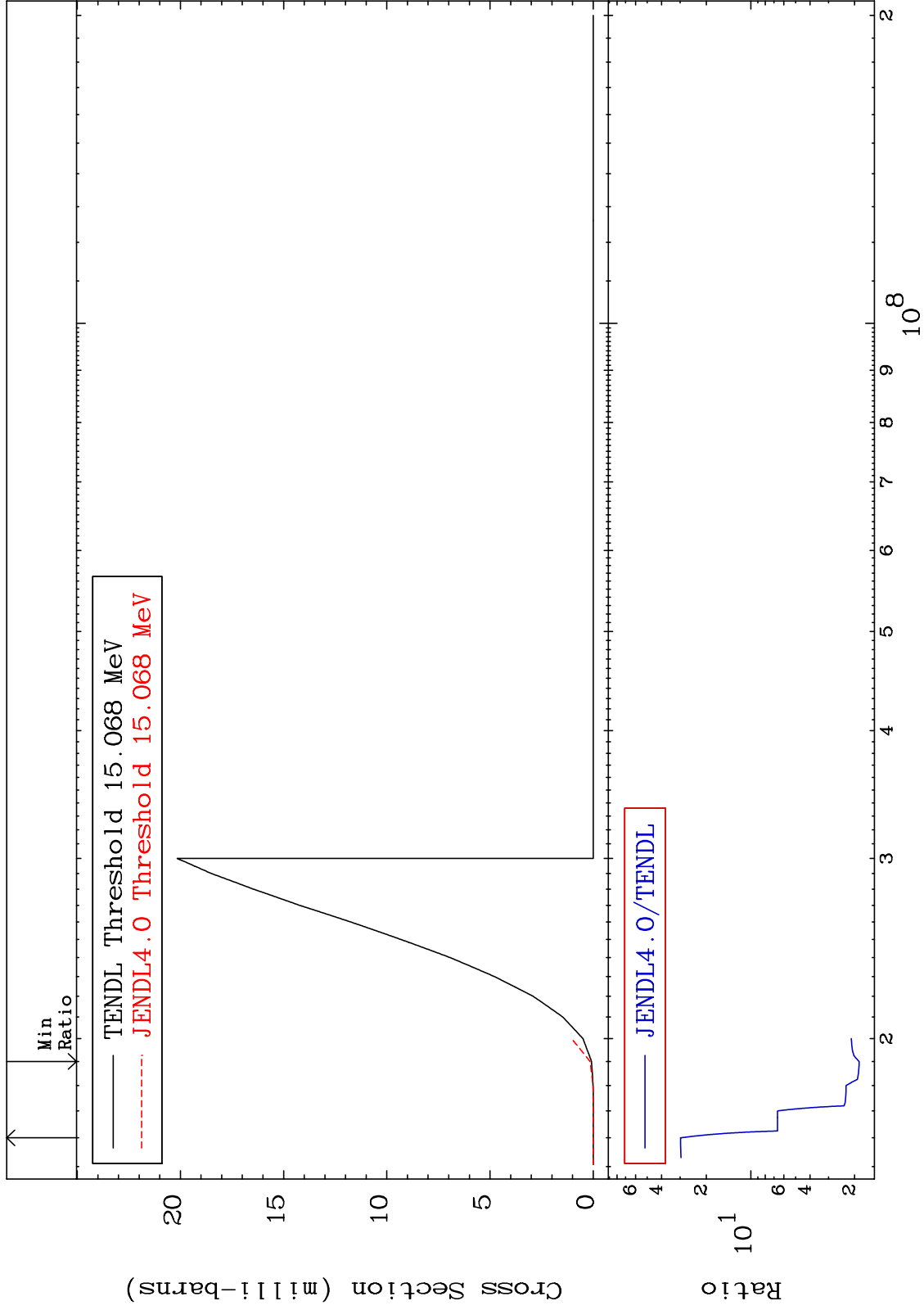
MAT 3131

(n,n') d

31-Ga-71

Cross Section

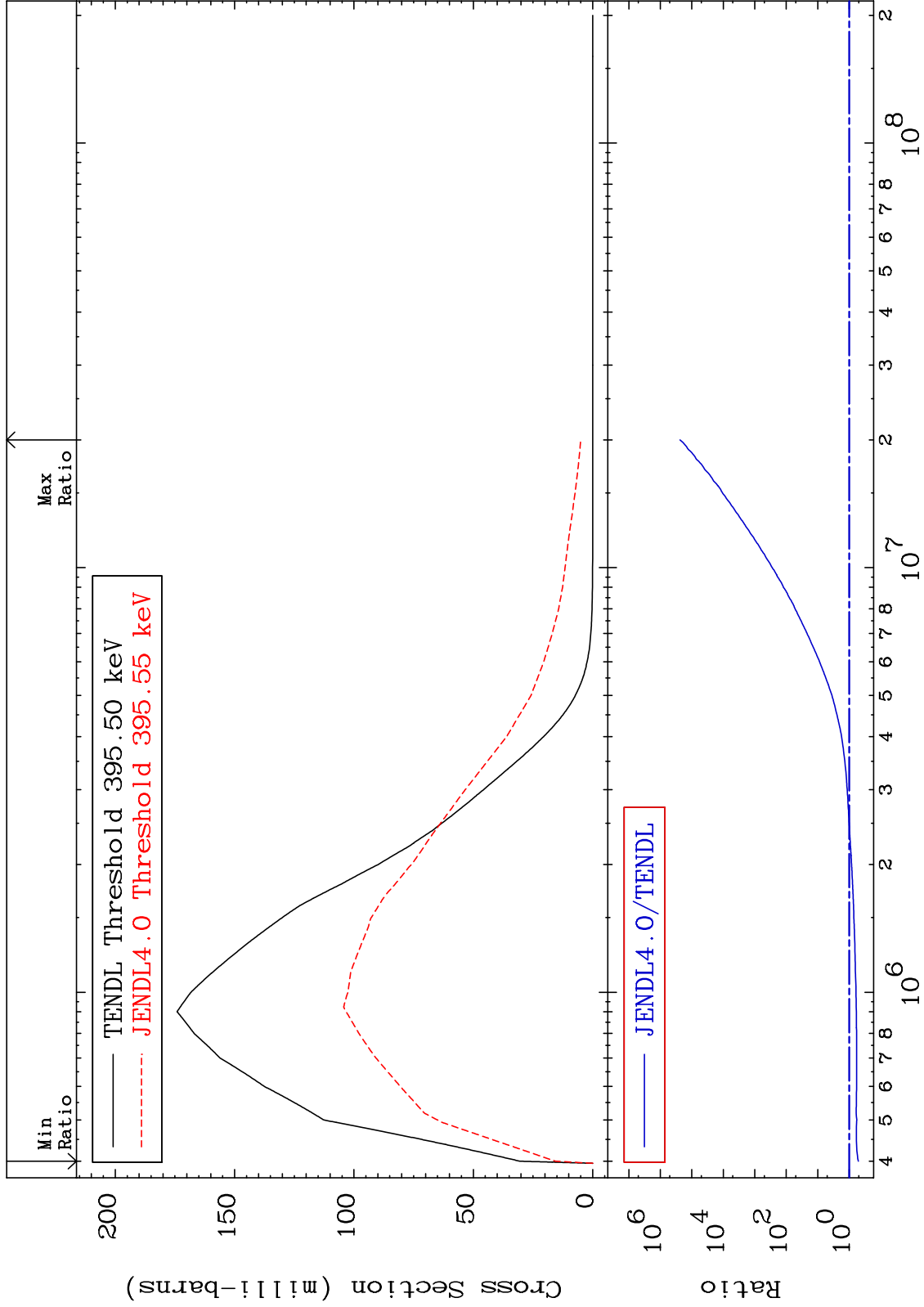
86.37 To 2879. %



MAT 3131

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

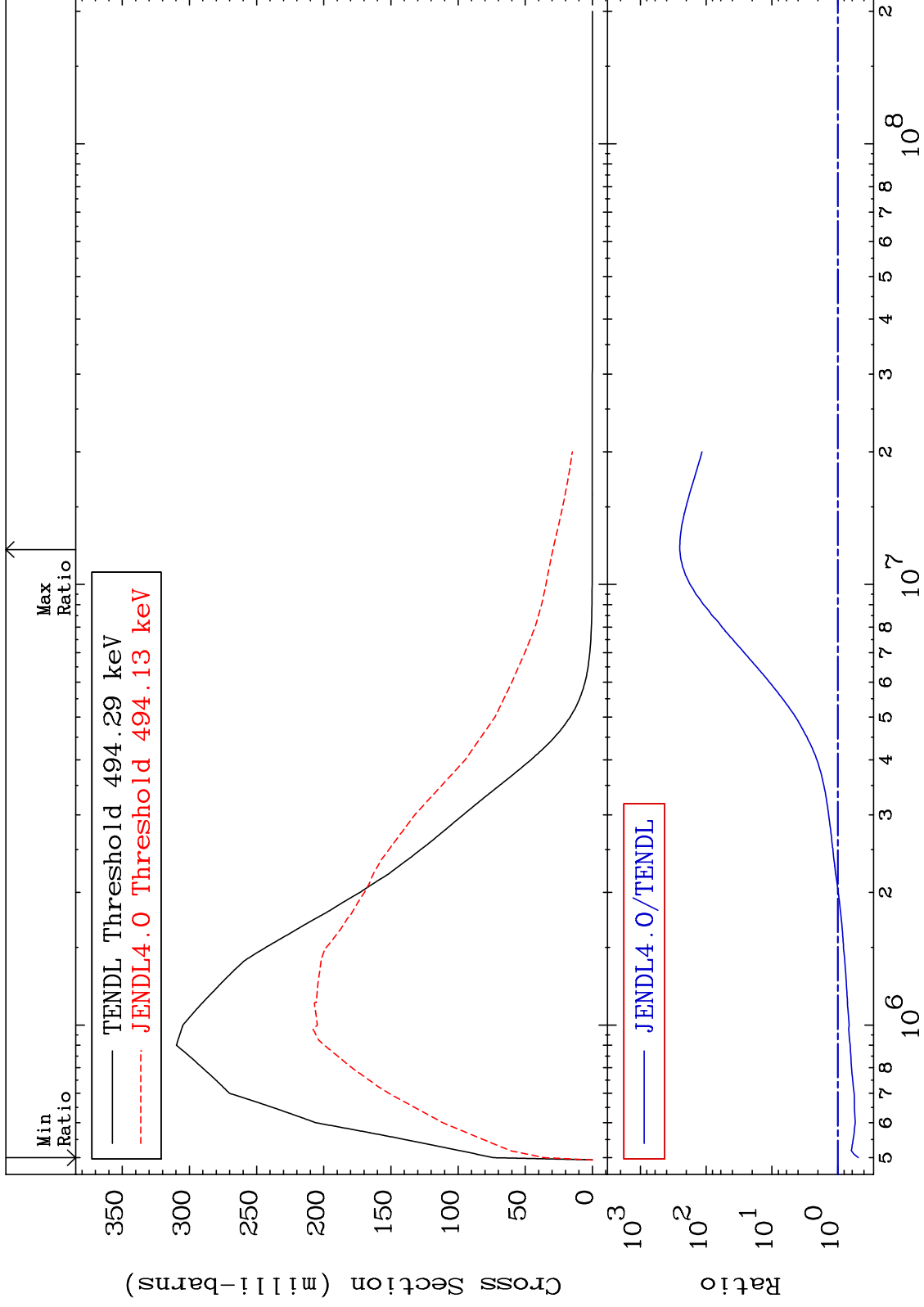
31-Ga-71
-48.78 To 9999. %



MAT 3131

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

31-Ga-71
-51.47 To 9999. %



10

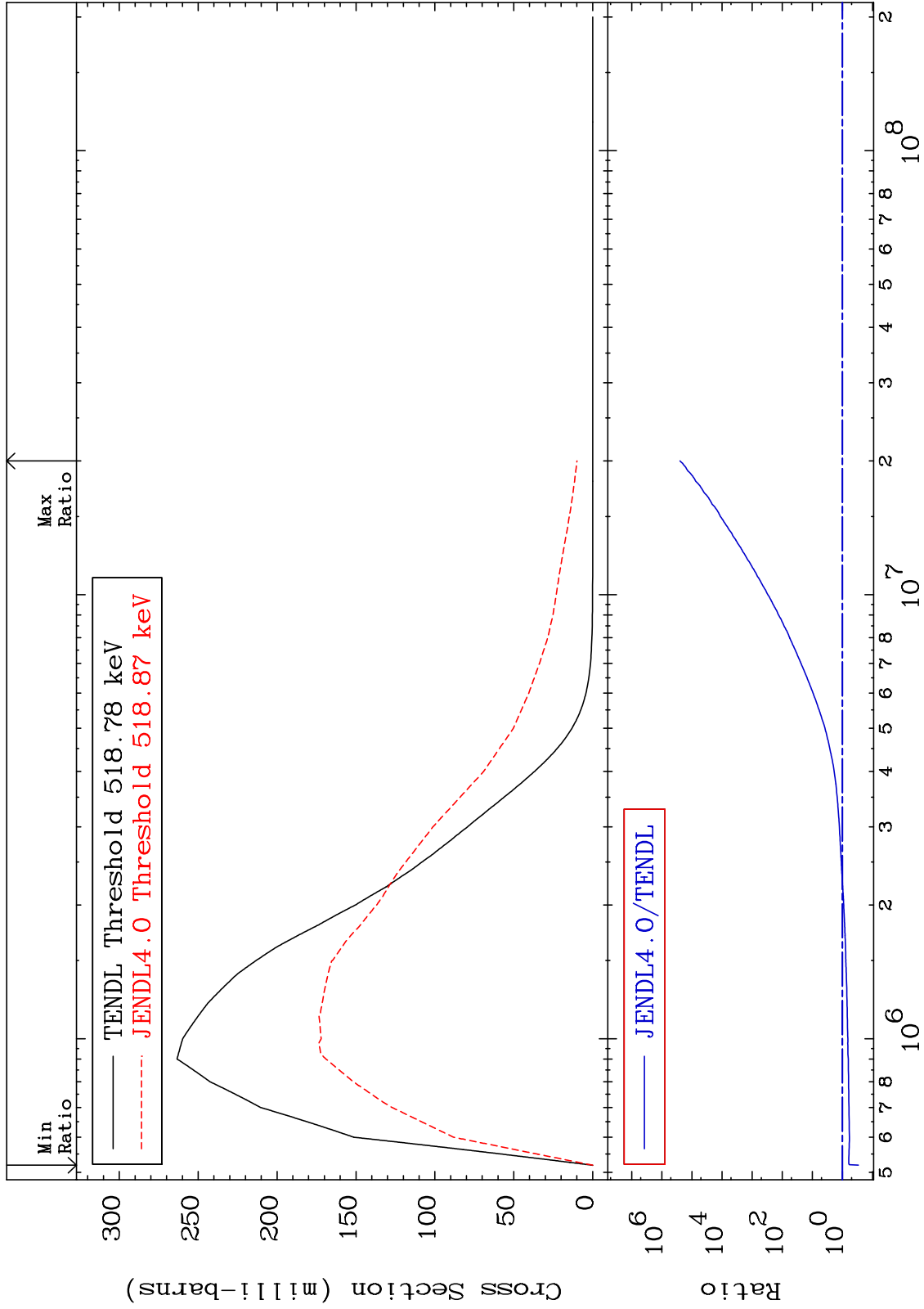
Incident Energy (eV)

31-Ga-71

MAT 3131

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

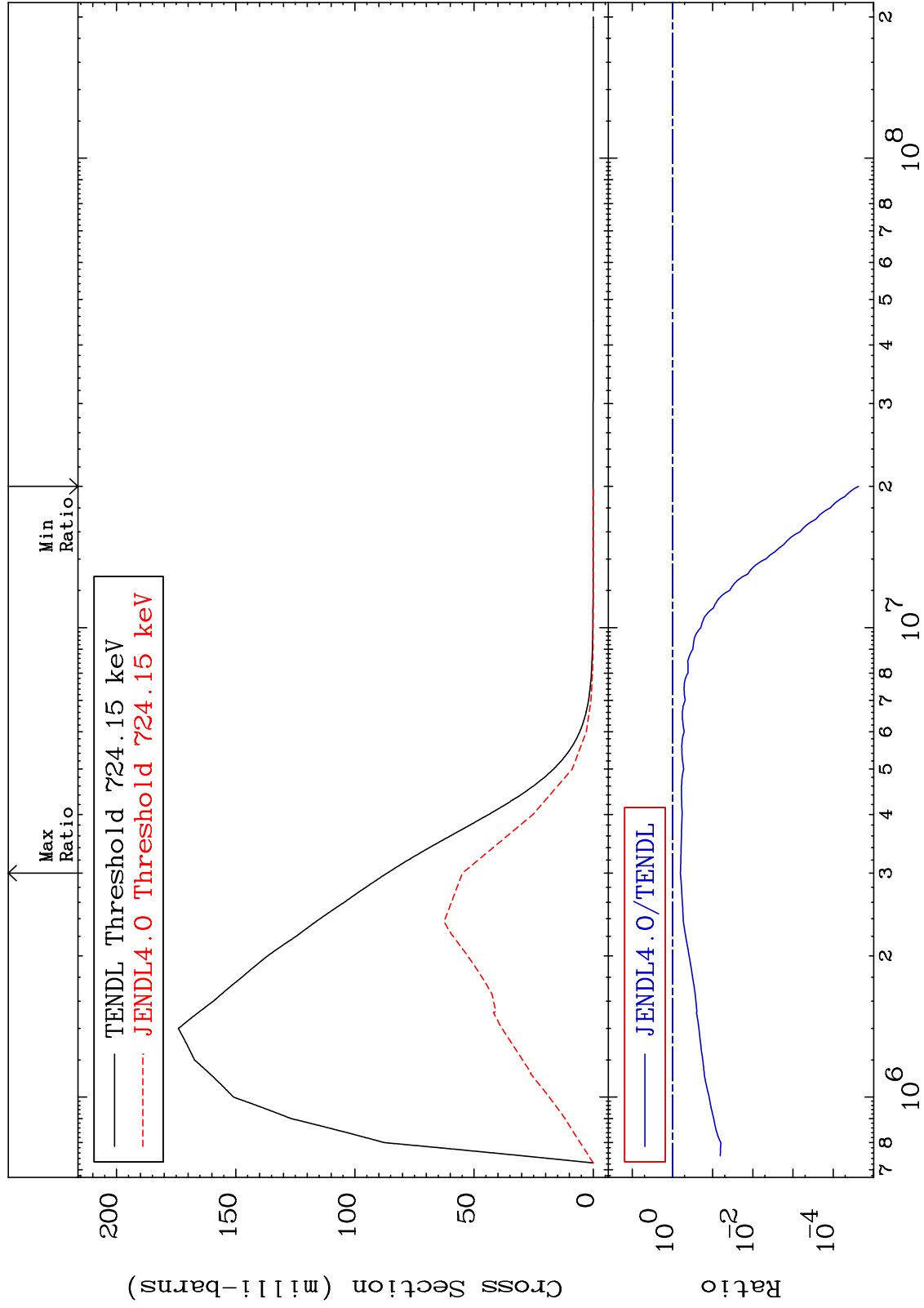
31-Ga-71
-70.47 To 9999. %



MAT 3131

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

31-Ga-71
-100.0 To -36.51%



12

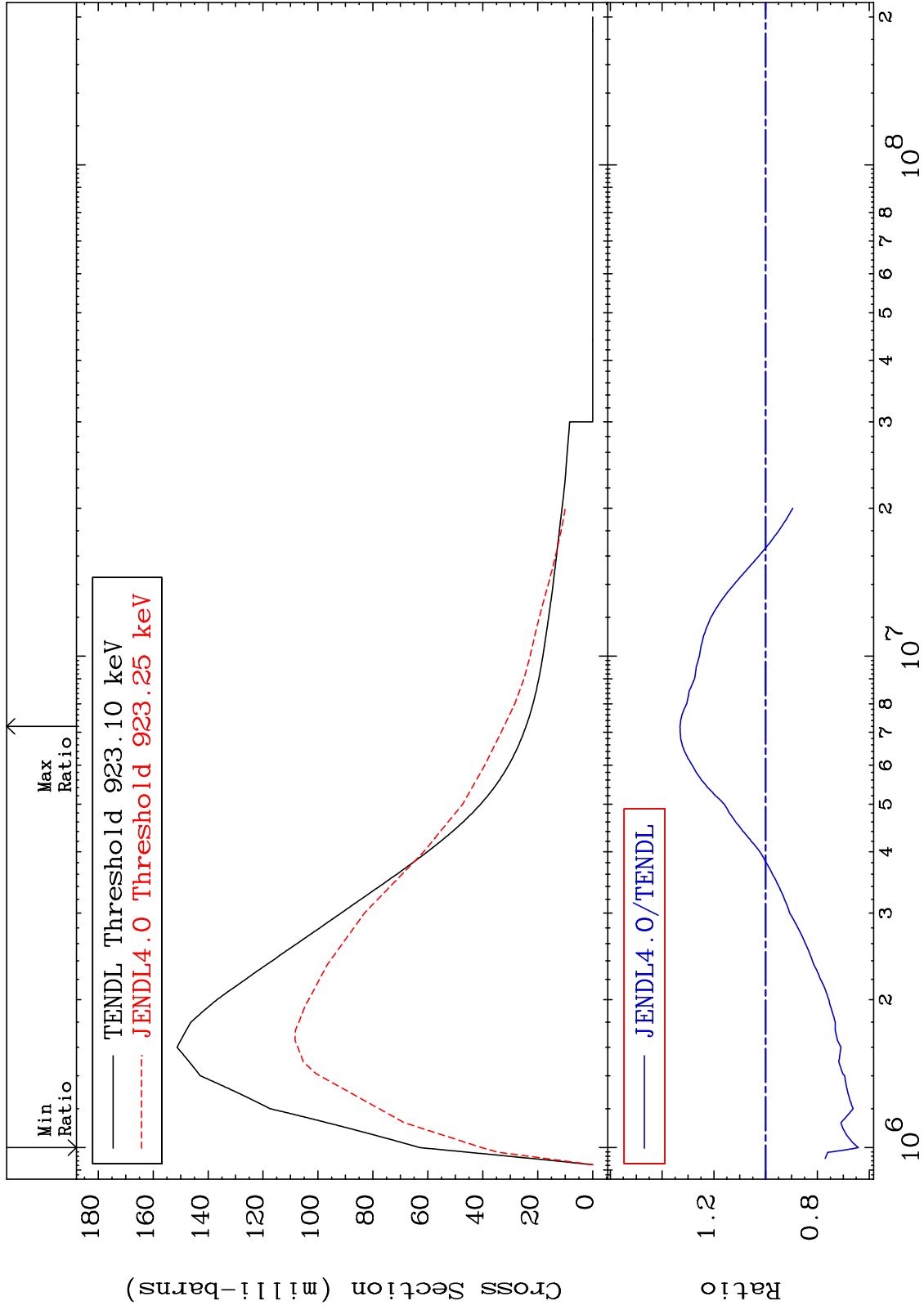
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-35.83 To 33.09 %



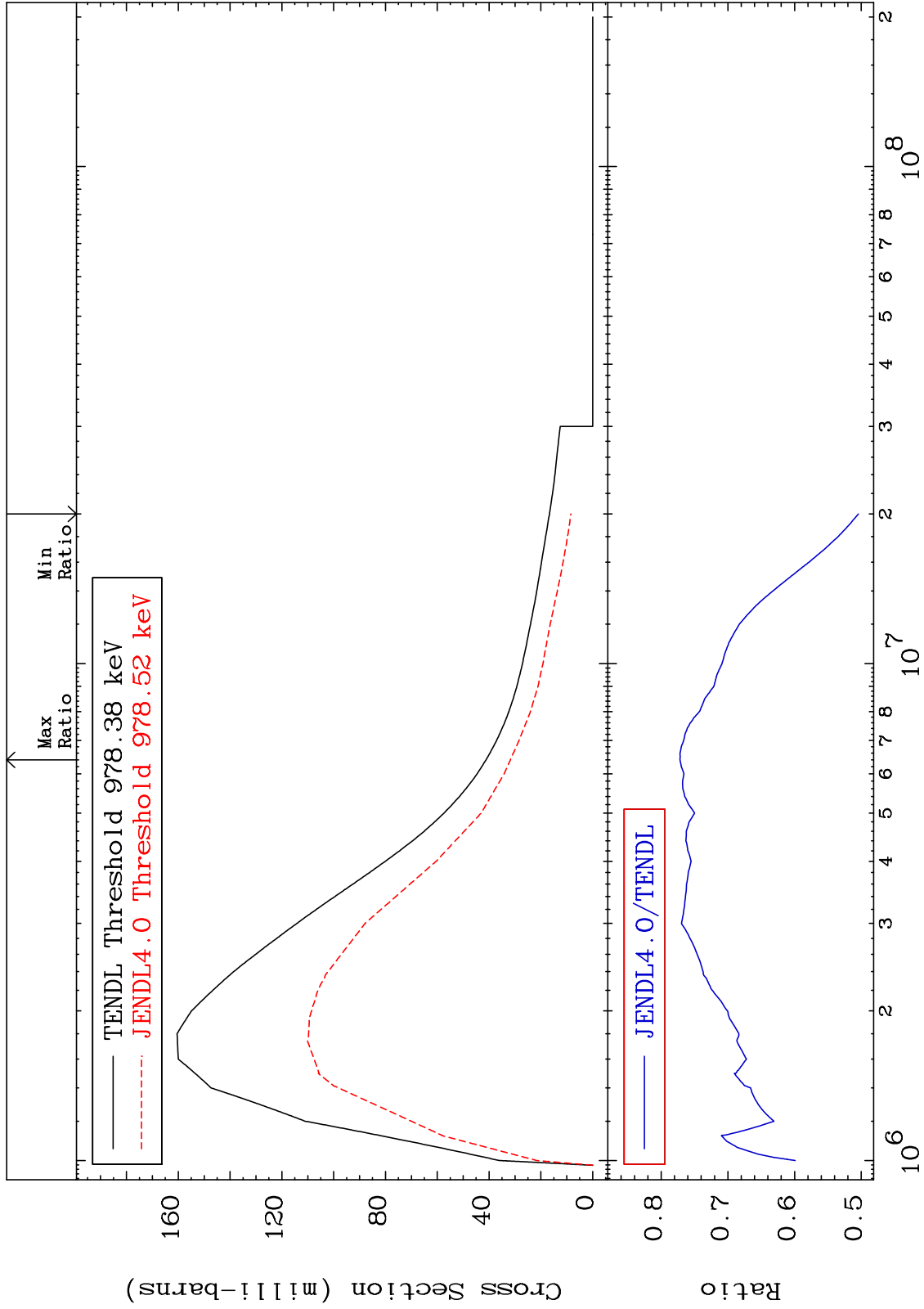
13

31-Ga-71

MAT 3131

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

31-Ga-71
-49.57 To -22.82%



14

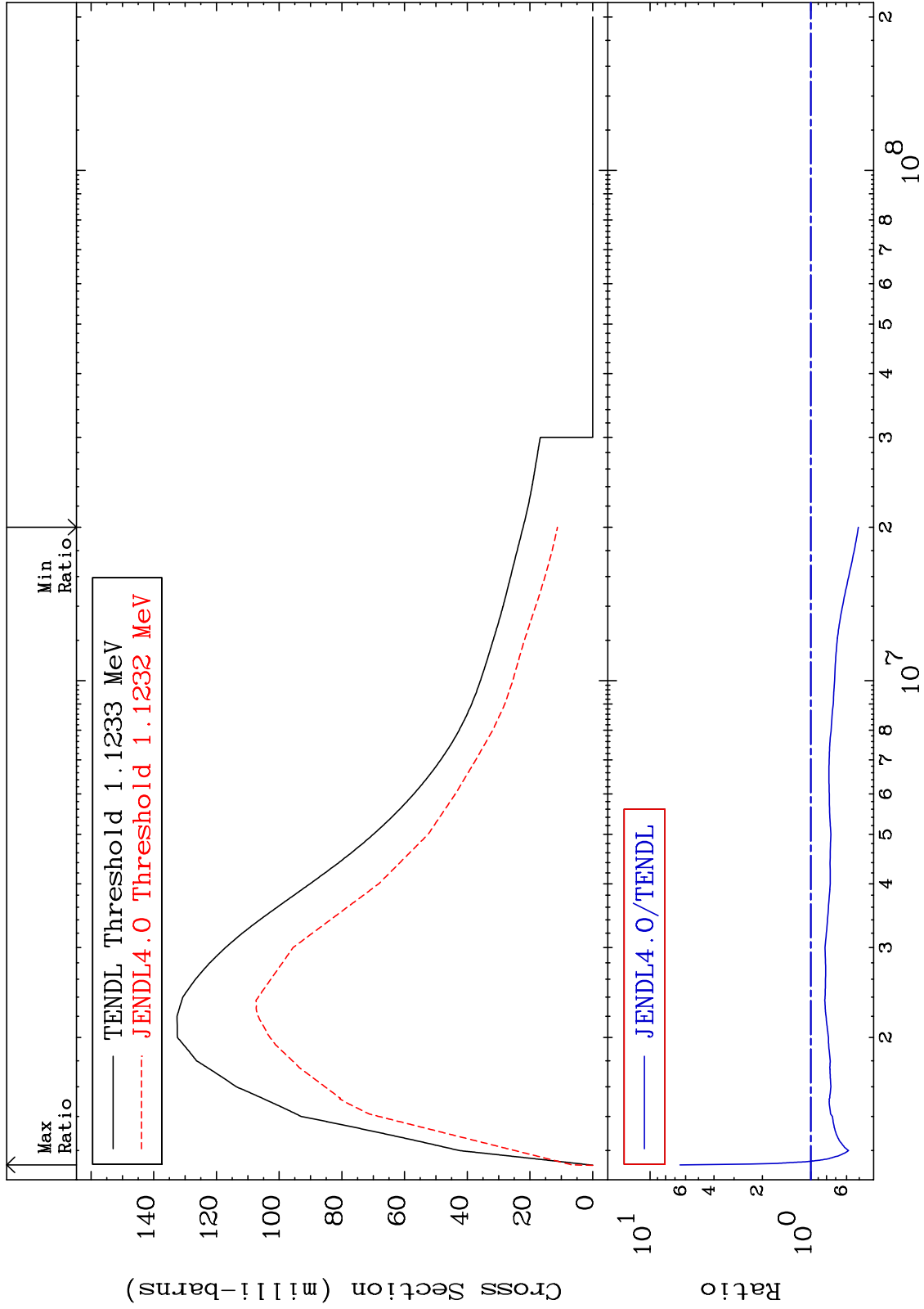
Incident Energy (eV)

31-Ga-71

MAT 3131

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

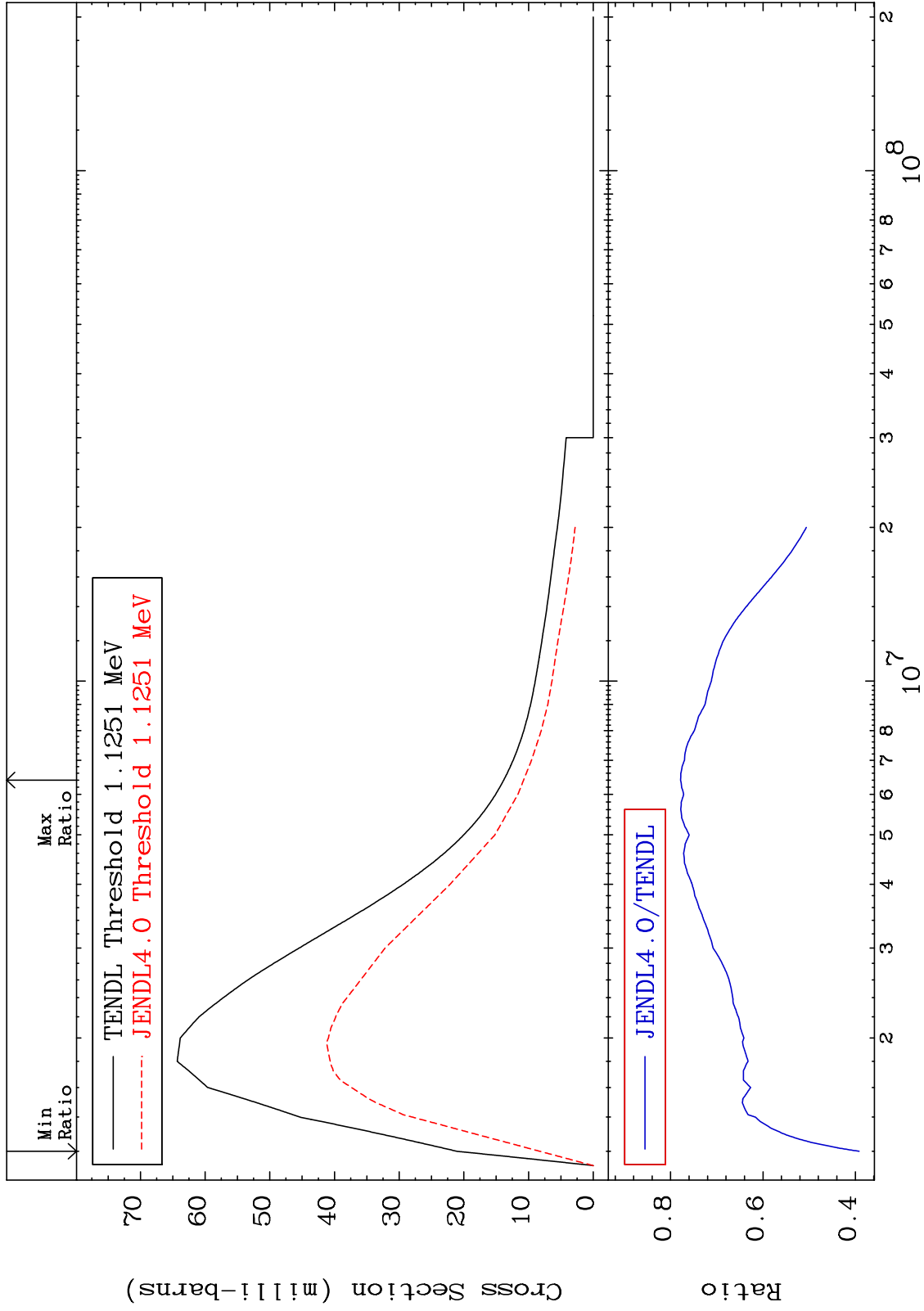
31-Ga-71
-49.39 To 551.0 %



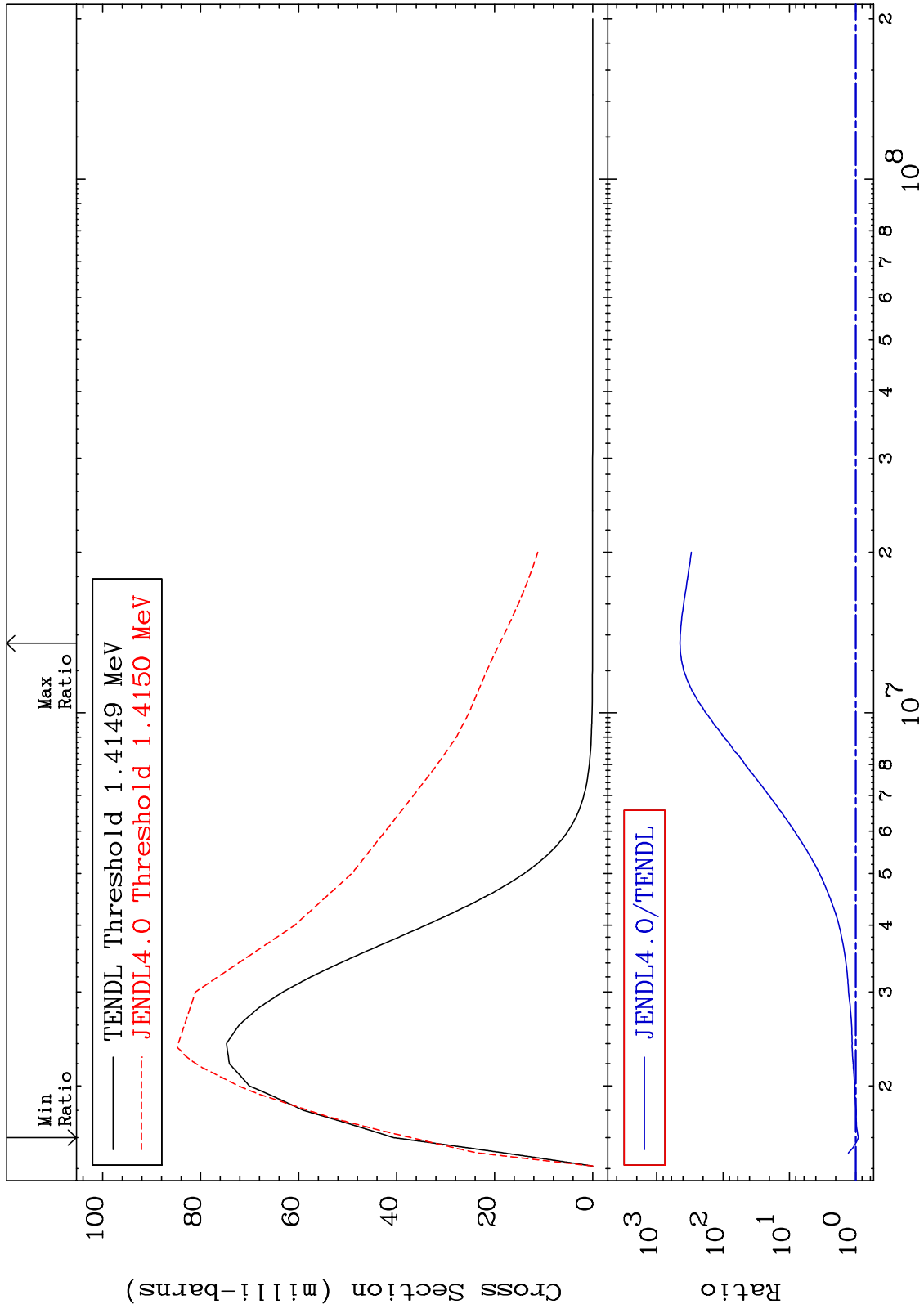
MAT 3131

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

31-Ga-71
-60.83 To -22.17%



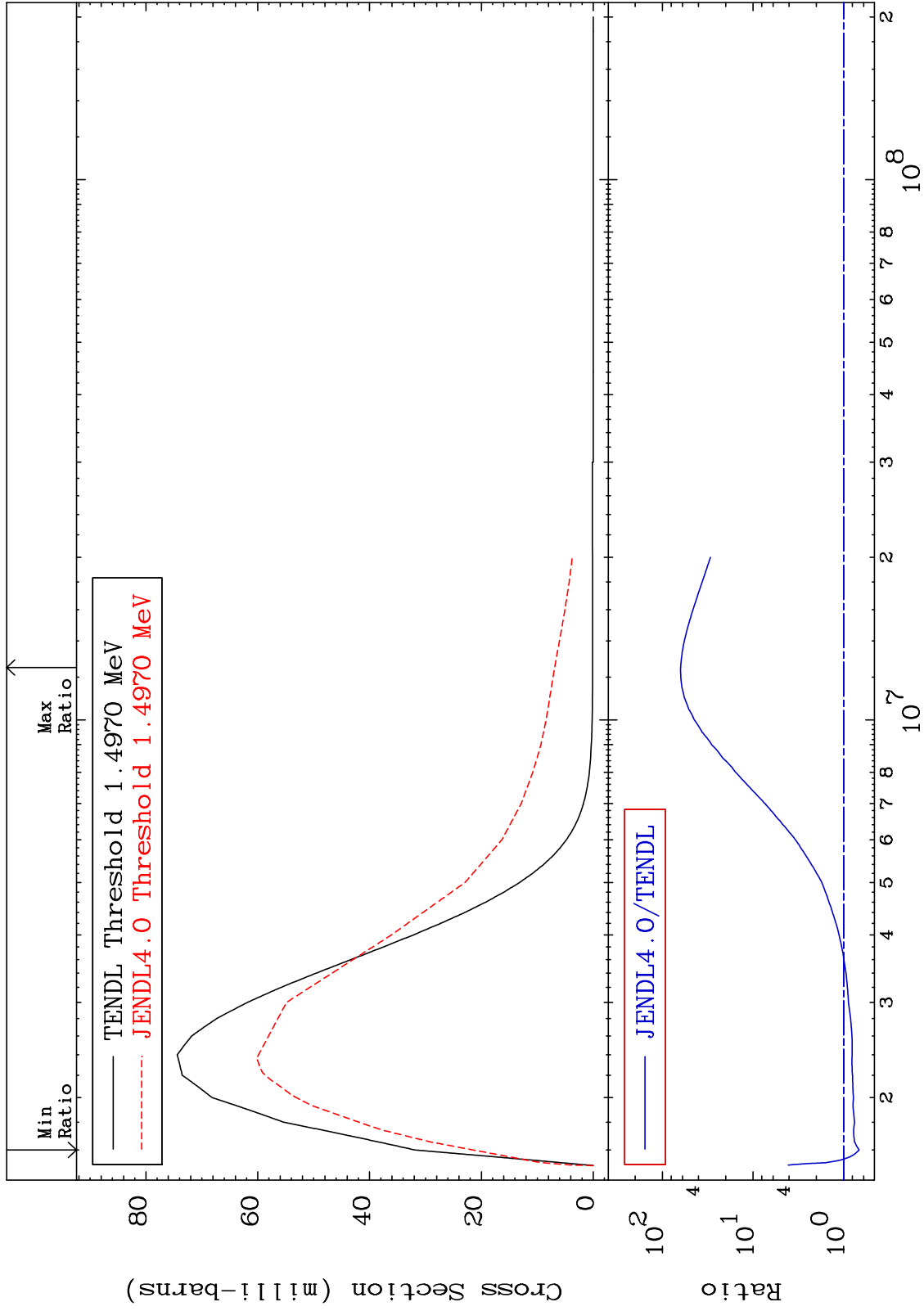
MAT 3131 MT= 59 (n,n') Level Cross Section -8.844 To 9999. % 31-Ga-71



MAT 3131

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

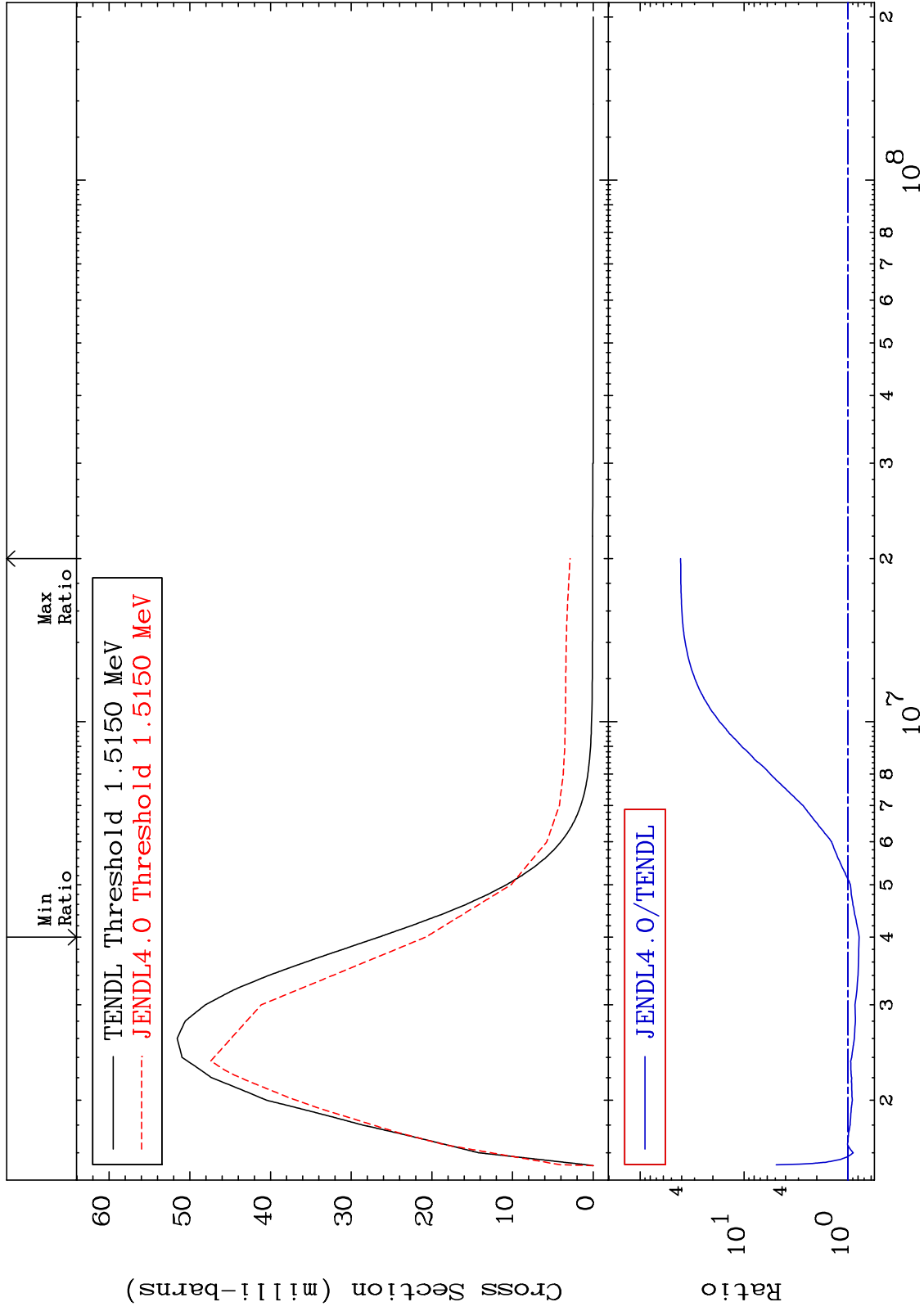
31-Ga-71
-32.62 To 6189. %



MAT 3131

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

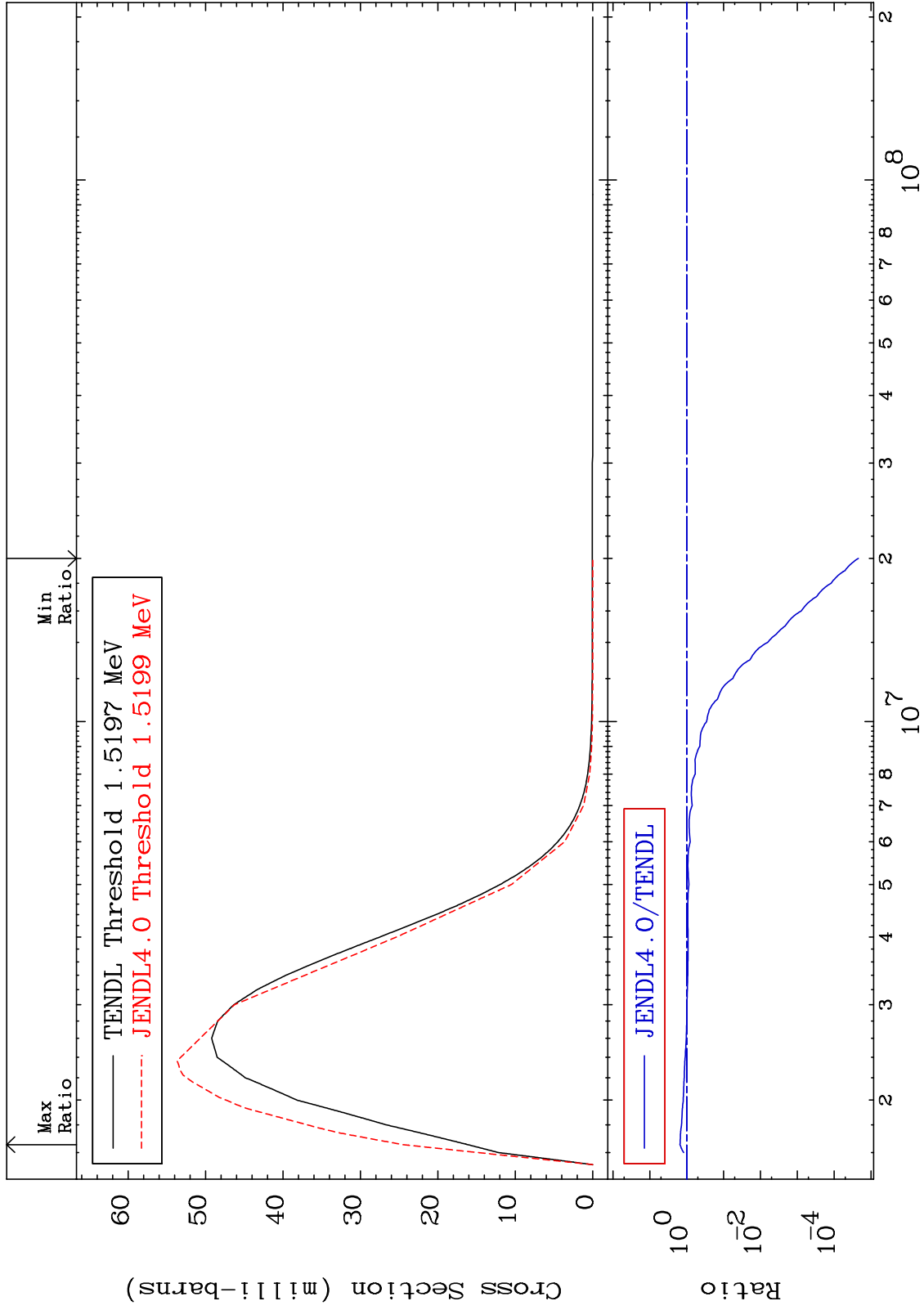
31-Ga-71
-21.89 To 3983. %



MAT 3131

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

31-Ga-71
-100.0 To 51.89 %



20

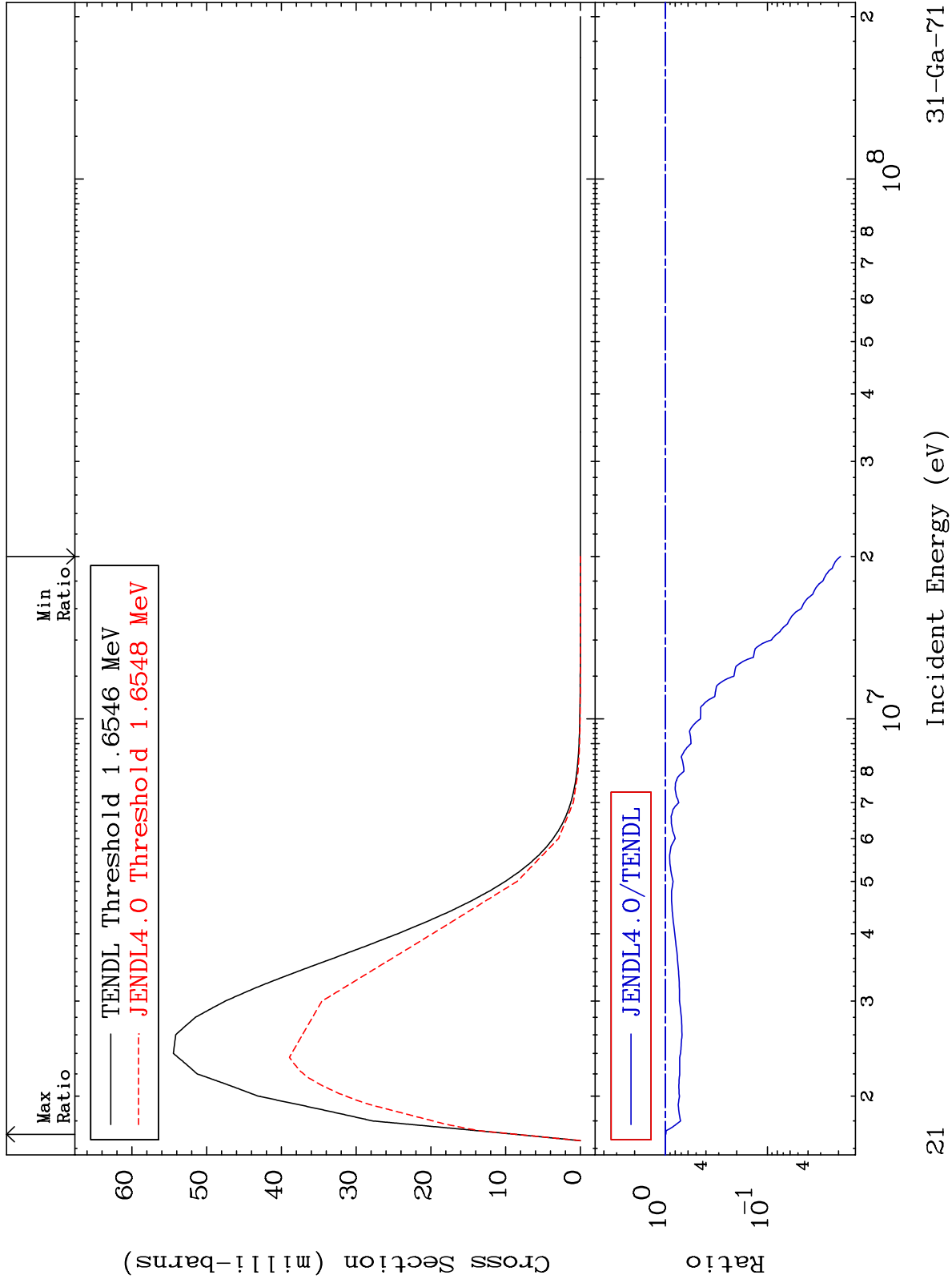
Incident Energy (eV)

31-Ga-71

MAT 3131

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

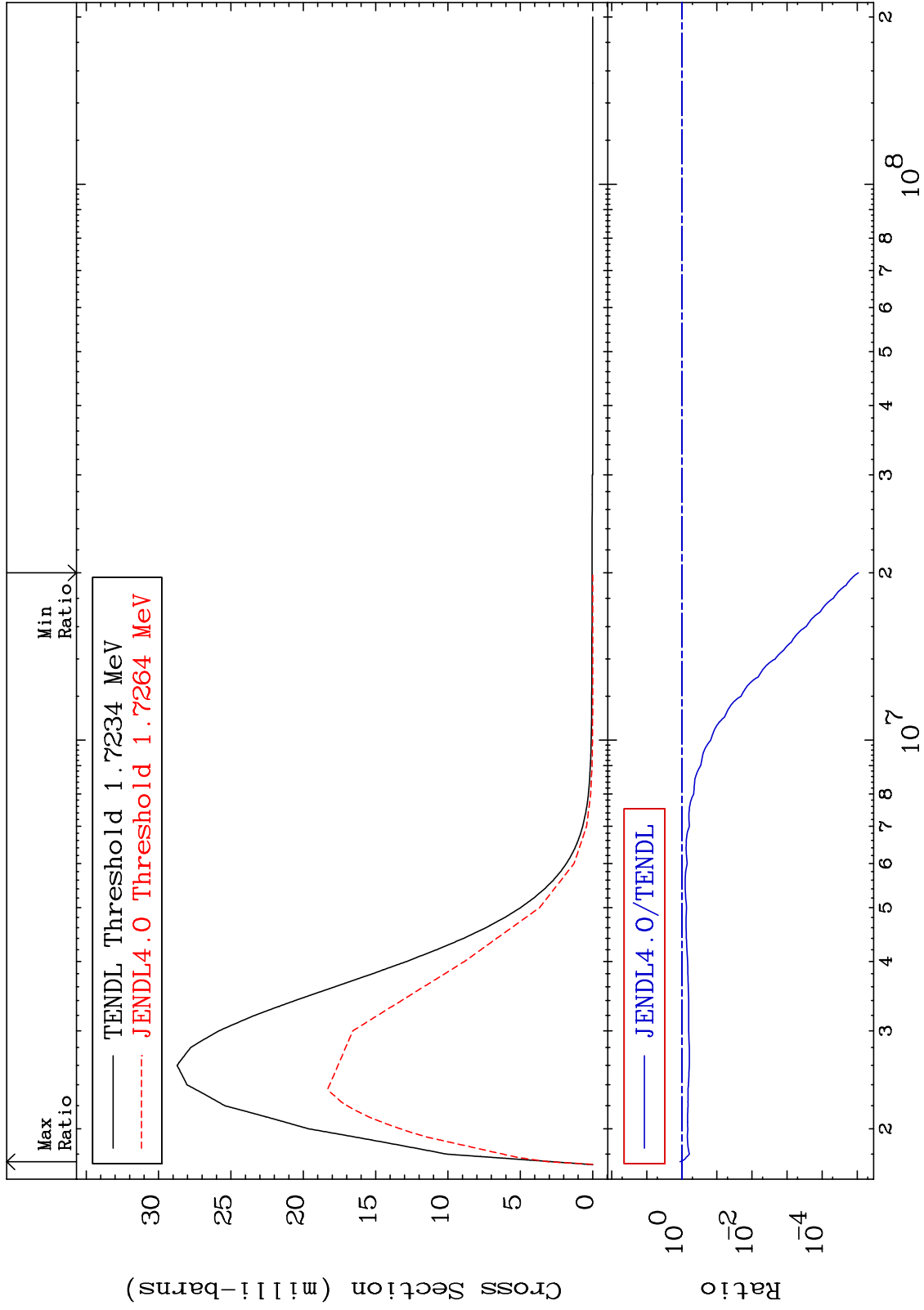
31-Ga-71
-98.08 To -1.179%



MAT 3131

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

31-Ga-71
-100.0 To 12.67 %



22

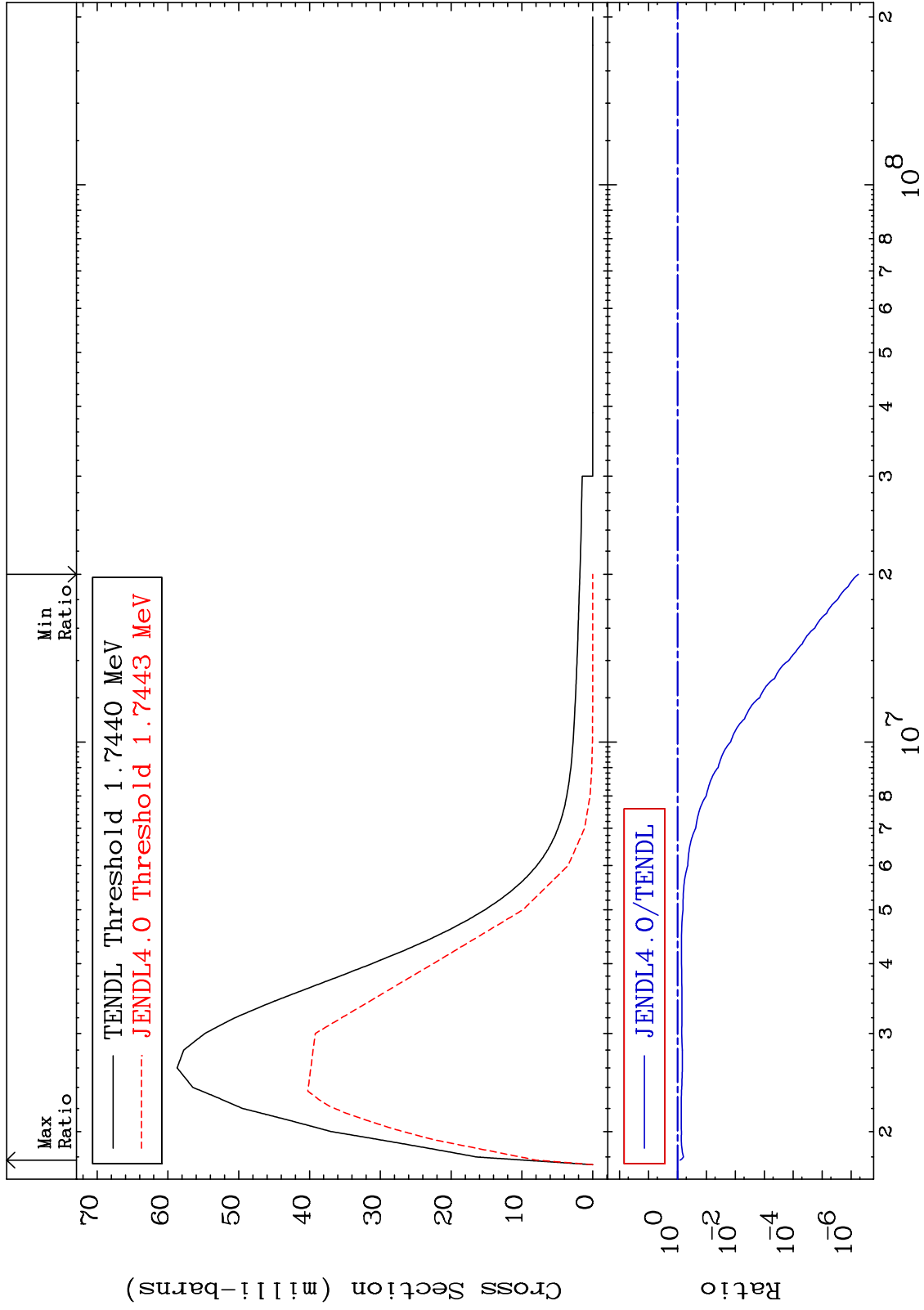
Incident Energy (eV)

31-Ga-71

MAT 3131

MT= 65 (n,n') Level
Cross Section

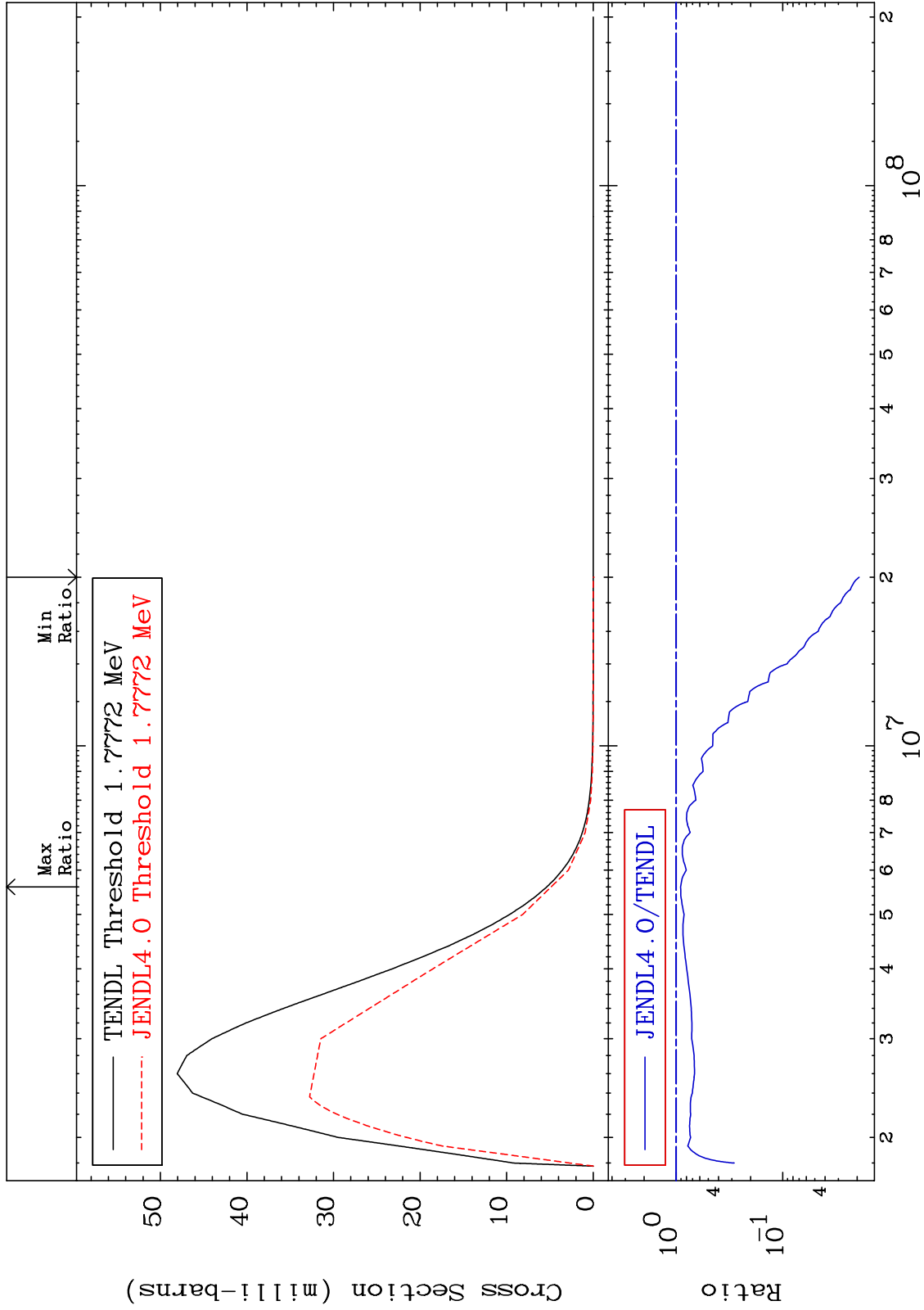
31-Ga-71
-100.0 To -18.24%



MAT 3131

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

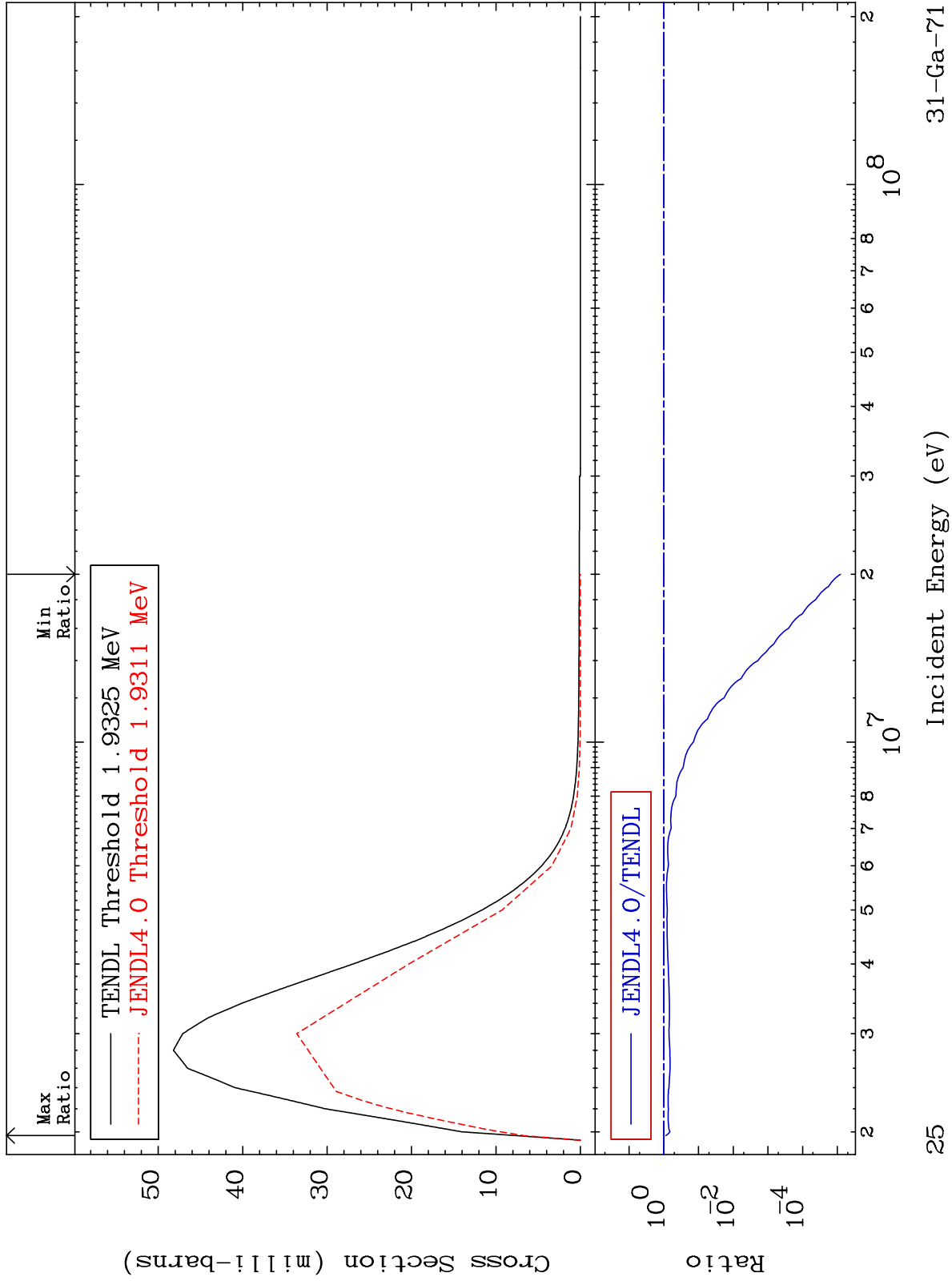
31-Ga-71
-98.08 To -9.242%



MAT 3131

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

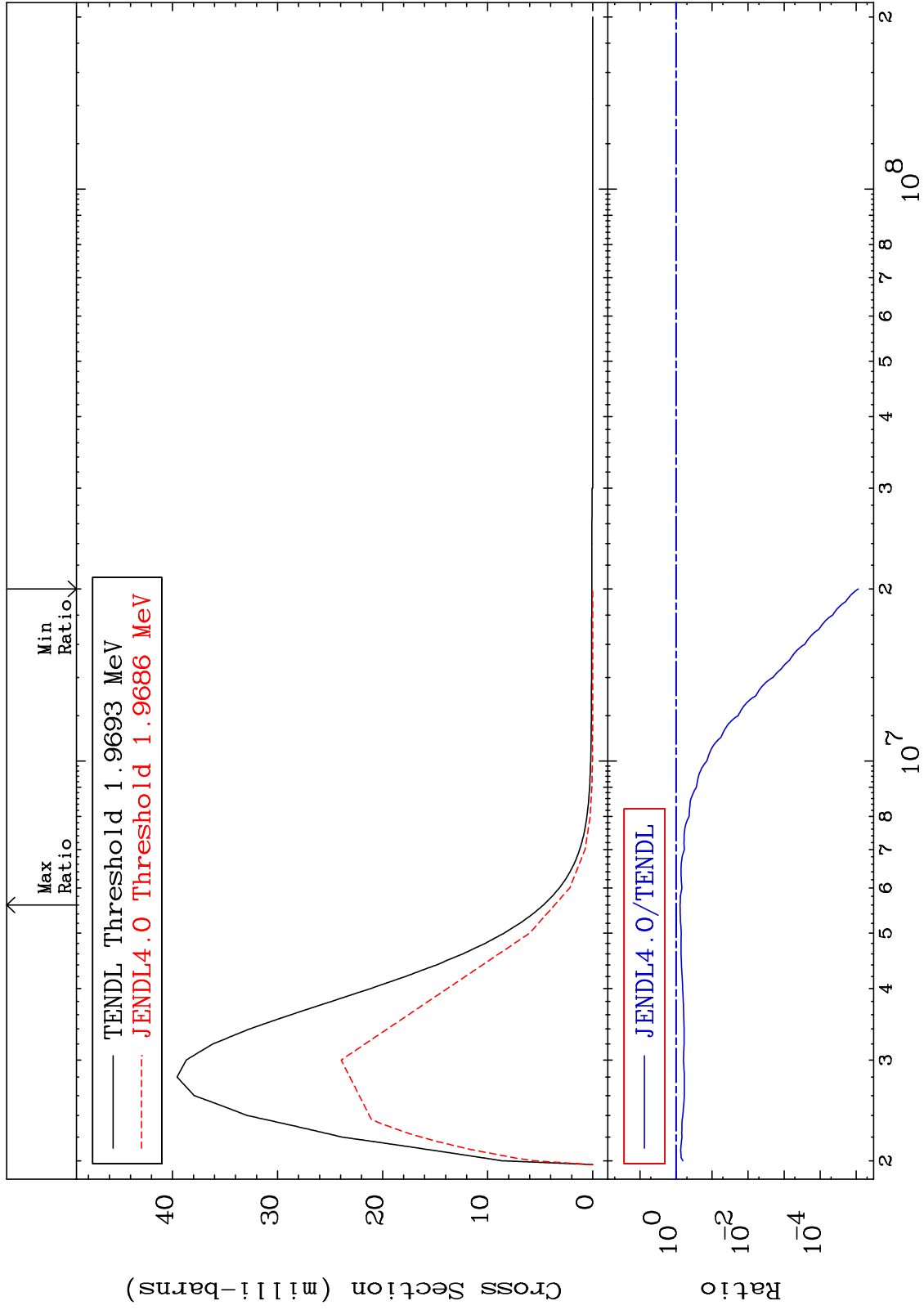
31-Ga-71
-100.0 To -12.60%



MAT 3131

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

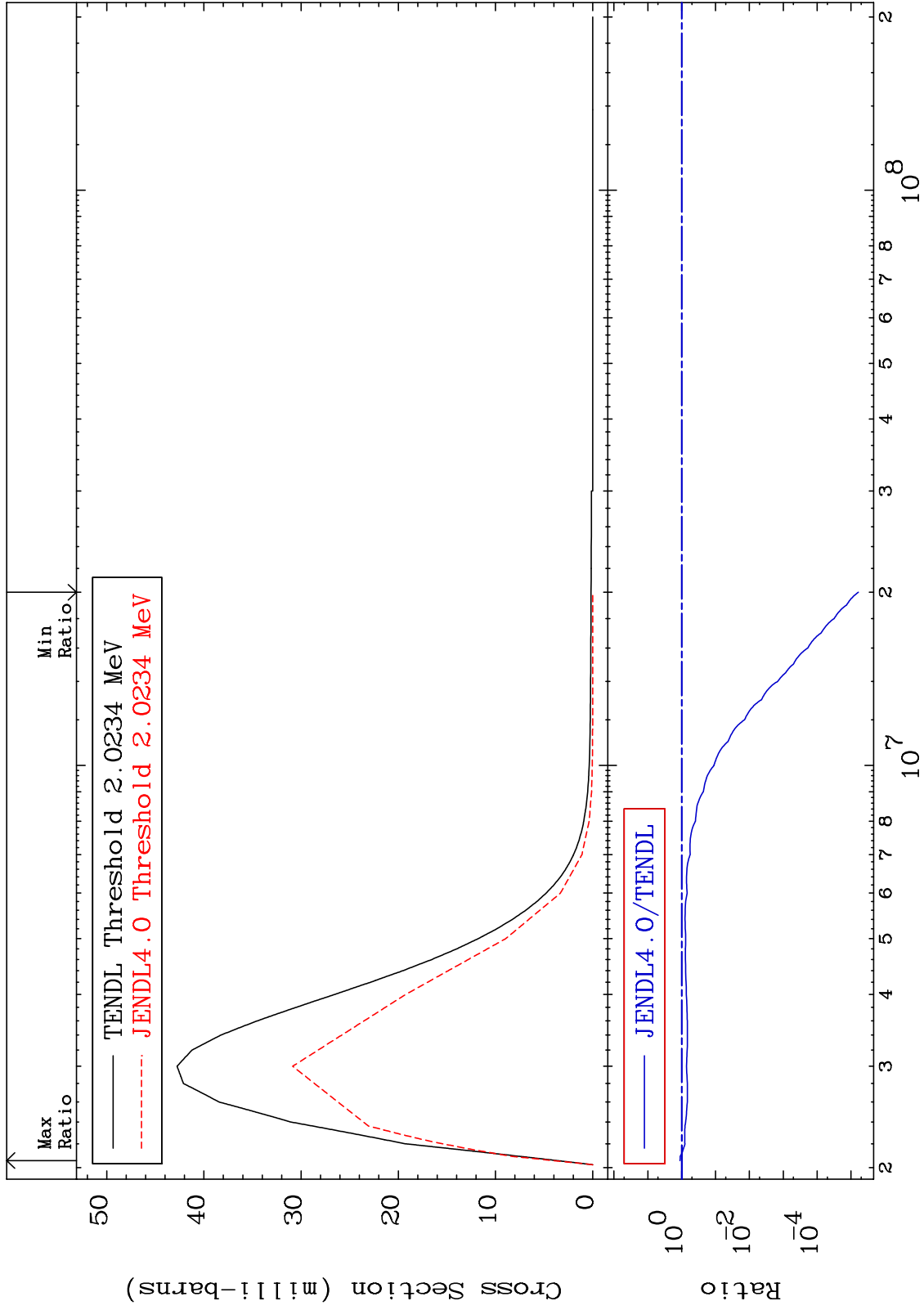
31-Ga-71
-100.0 To -22.63%



MAT 3131

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

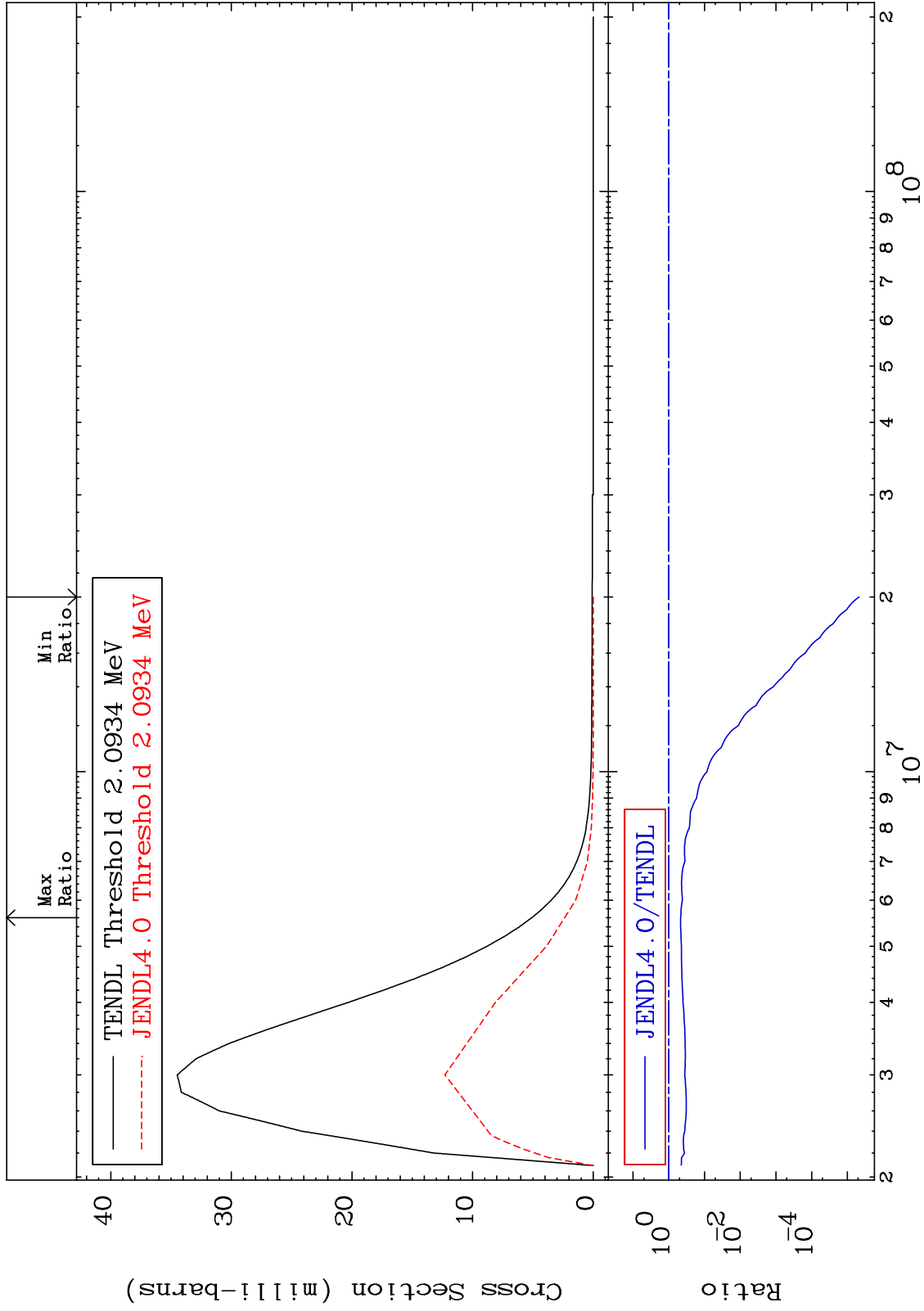
31-Ga-71
-100.0 To 11.71 %



MAT 3131

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

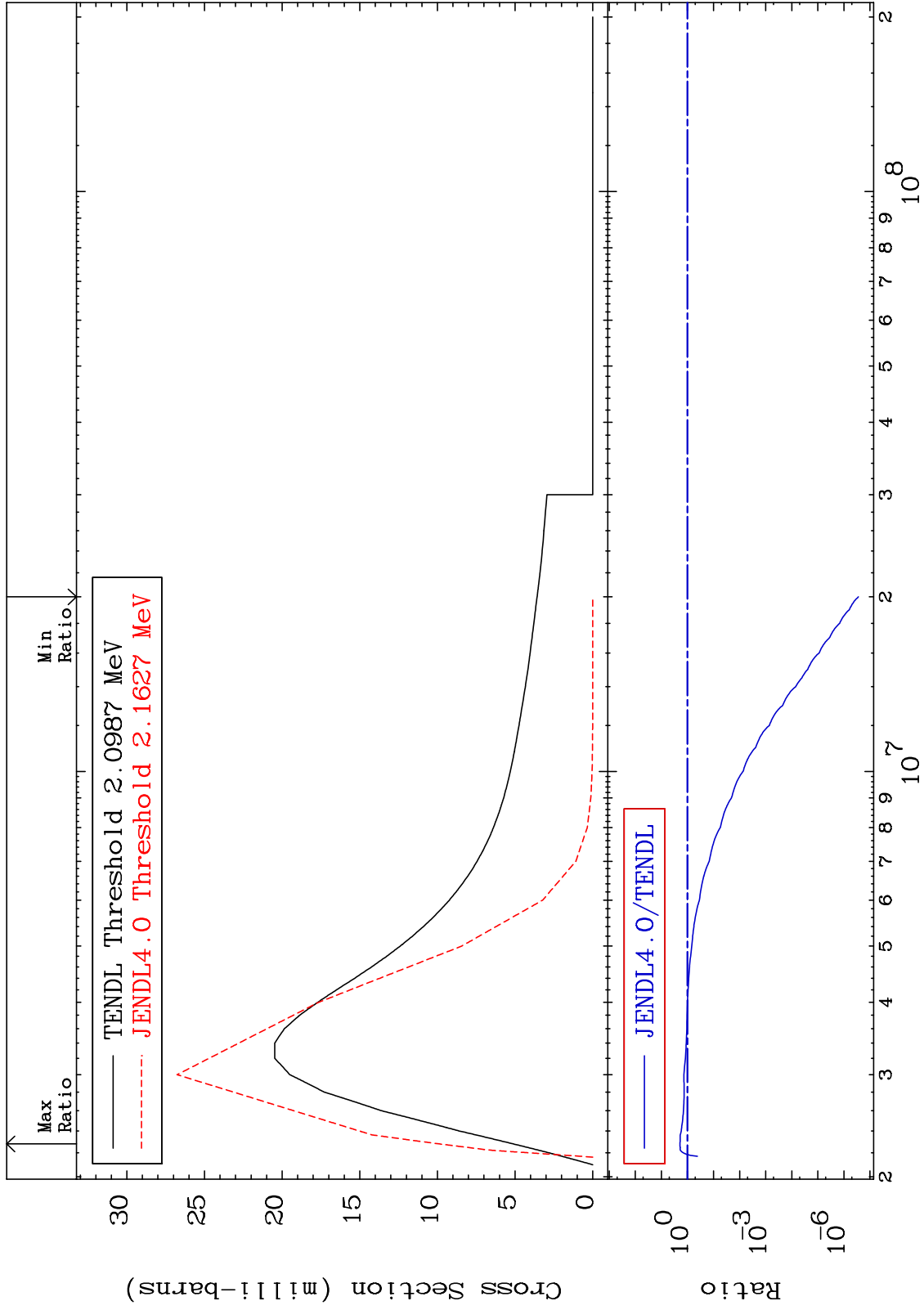
31-Ga-71
-100.0 To -53.39%



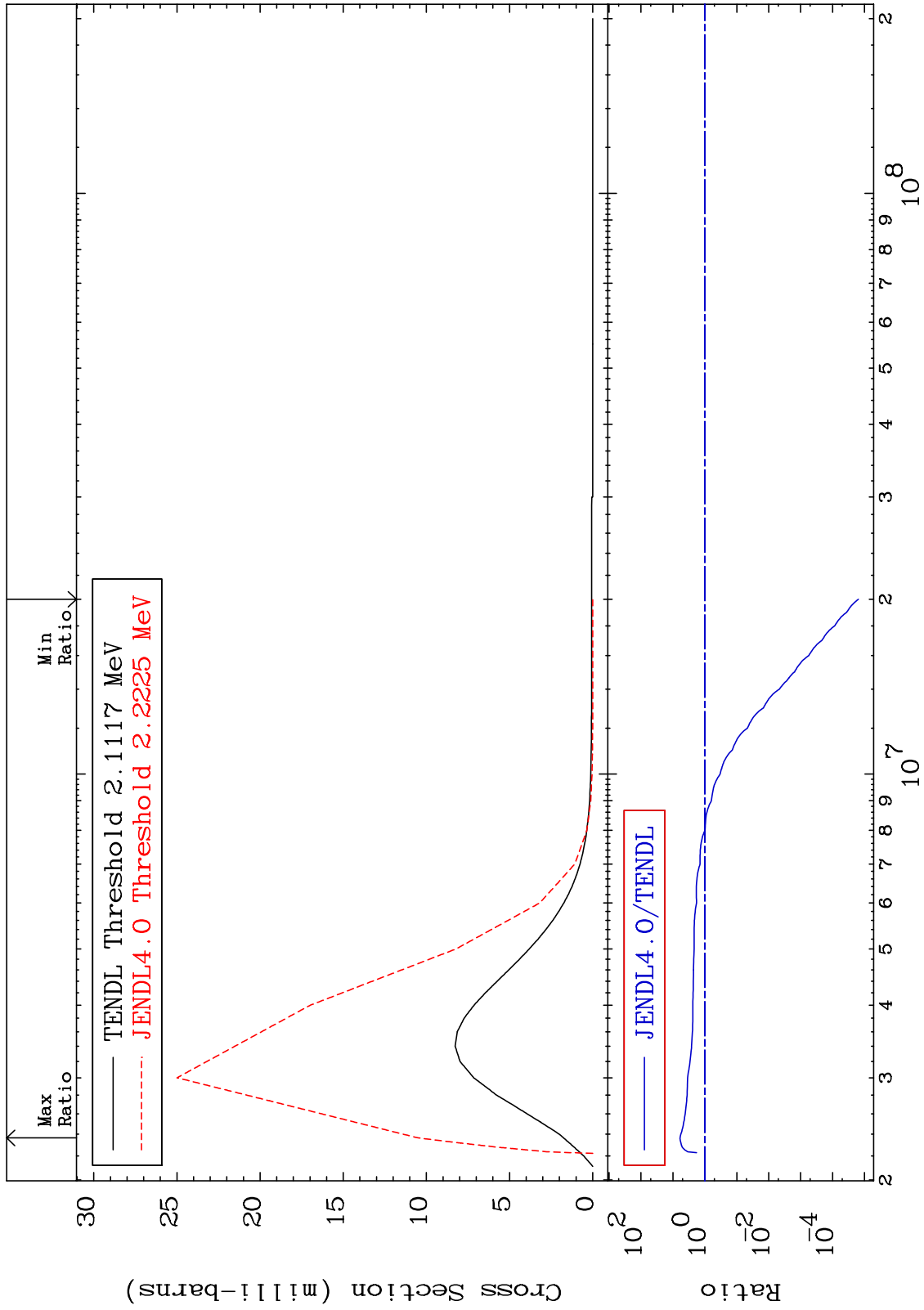
MAT 3131

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

31-Ga-71
-100.0 To 93.13 %

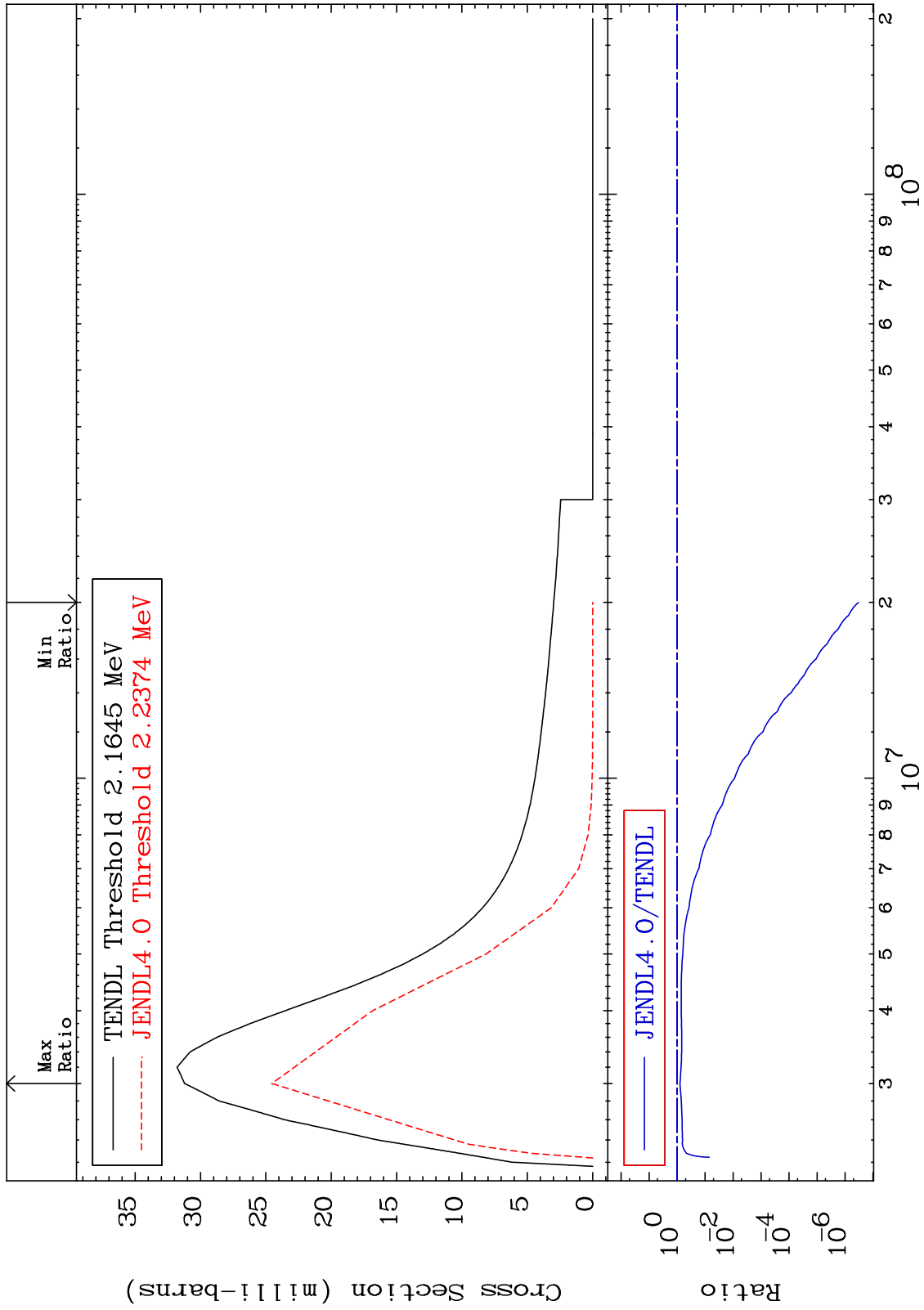


MAT 3131 MT= 72 (n,n') Level Cross Section 31-Ga-71
 -100.0 To 500.1 %



30 31-Ga-71

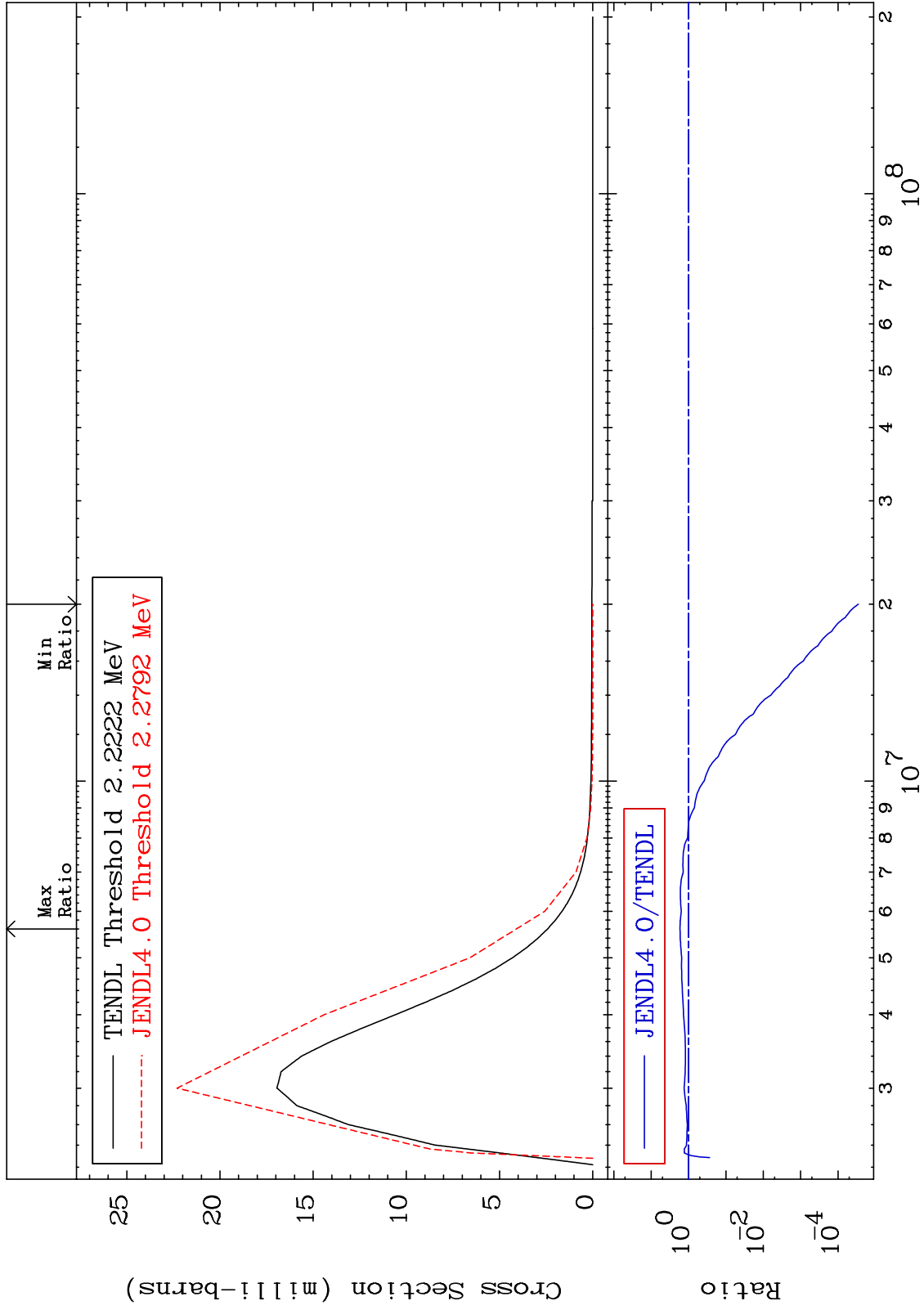
MAT 3131 MT= 73 (n,n') Level Cross Section 31-Ga-71 -100.0 To -21.35%



MAT 3131

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

31-Ga-71
-100.0 To 69.21 %



32

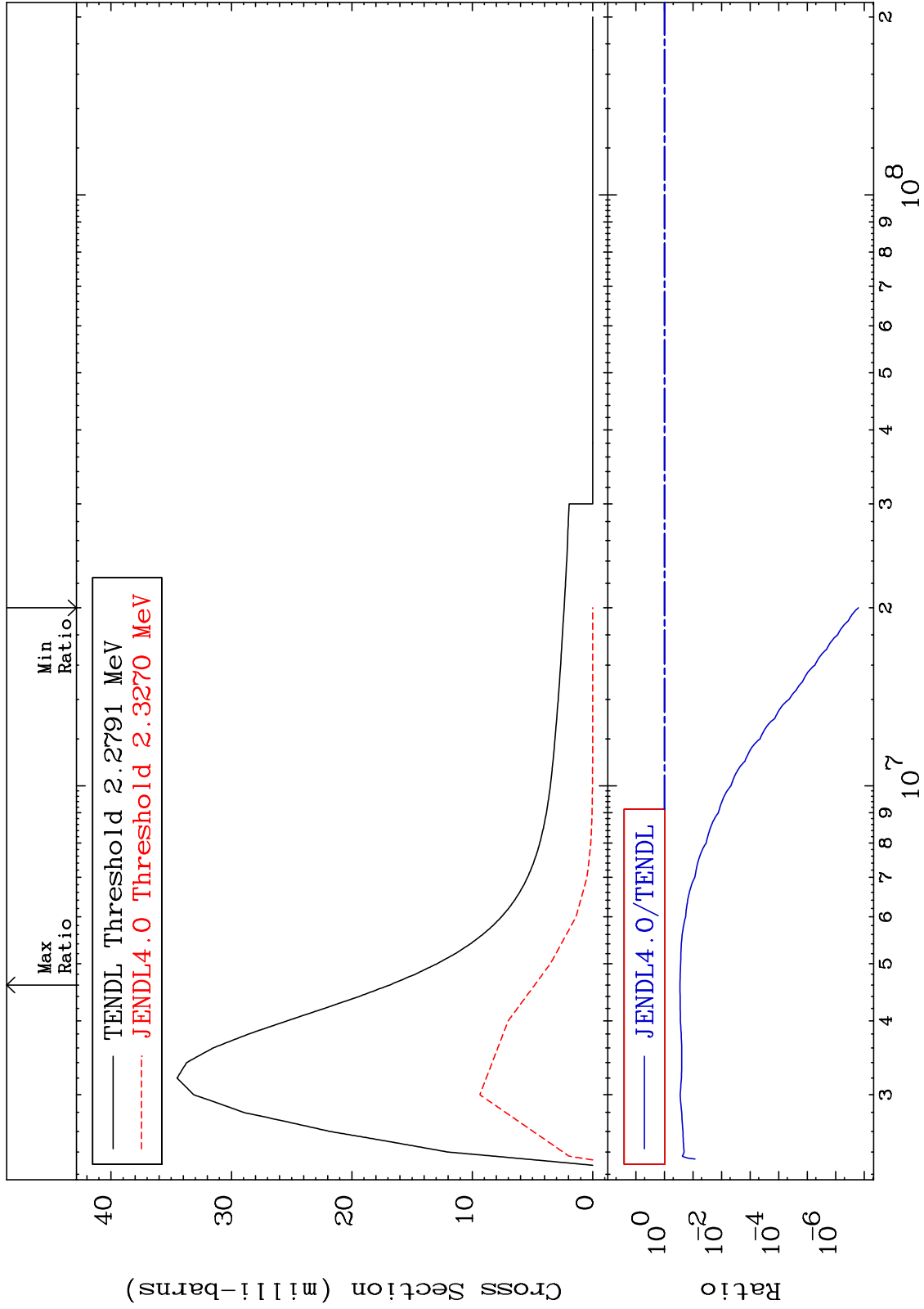
Incident Energy (eV)

31-Ga-71

MAT 3131

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

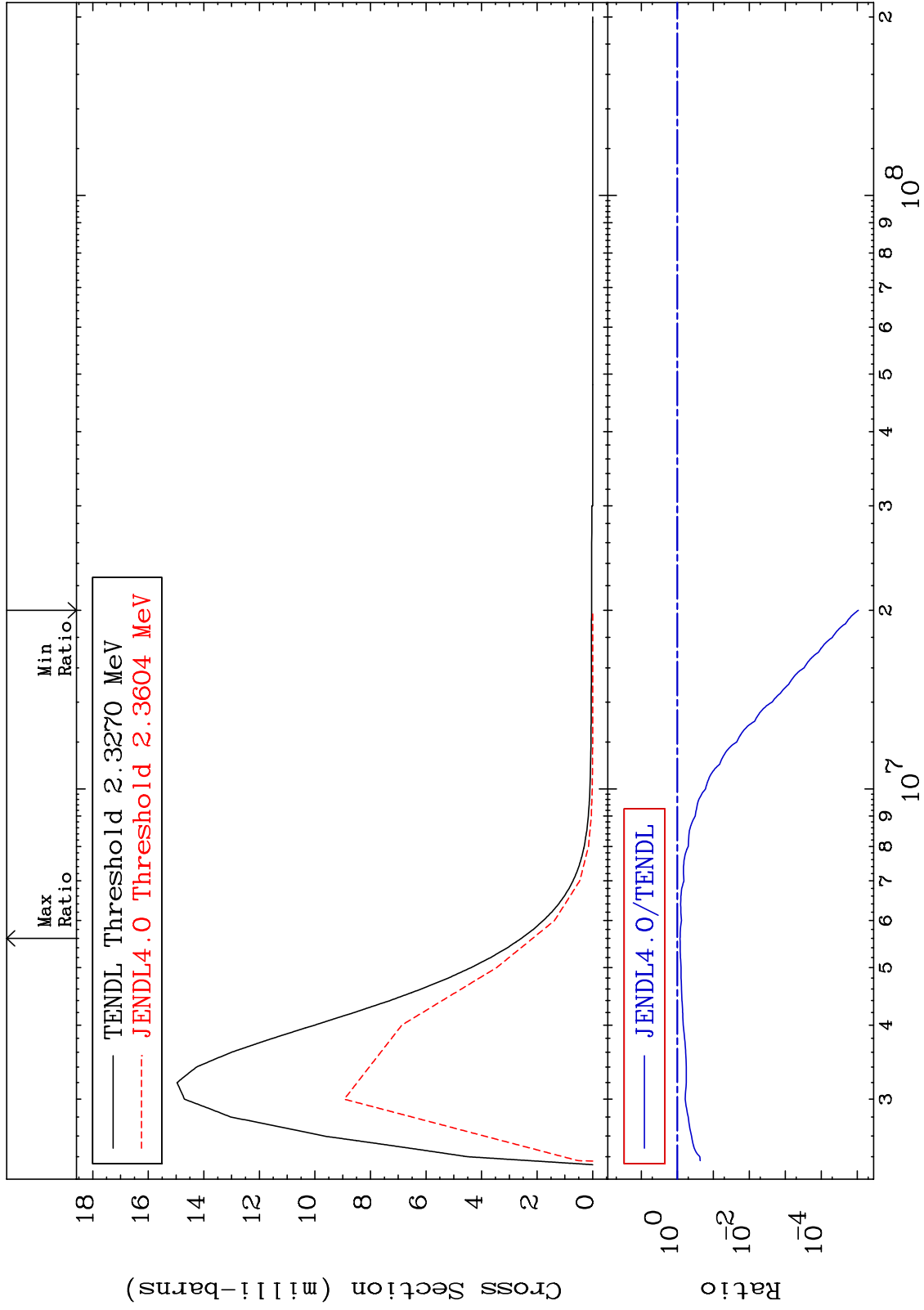
31-Ga-71
-100.0 To -71.41%



MAT 3131

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

31-Ga-71
-100.0 To -15.66%



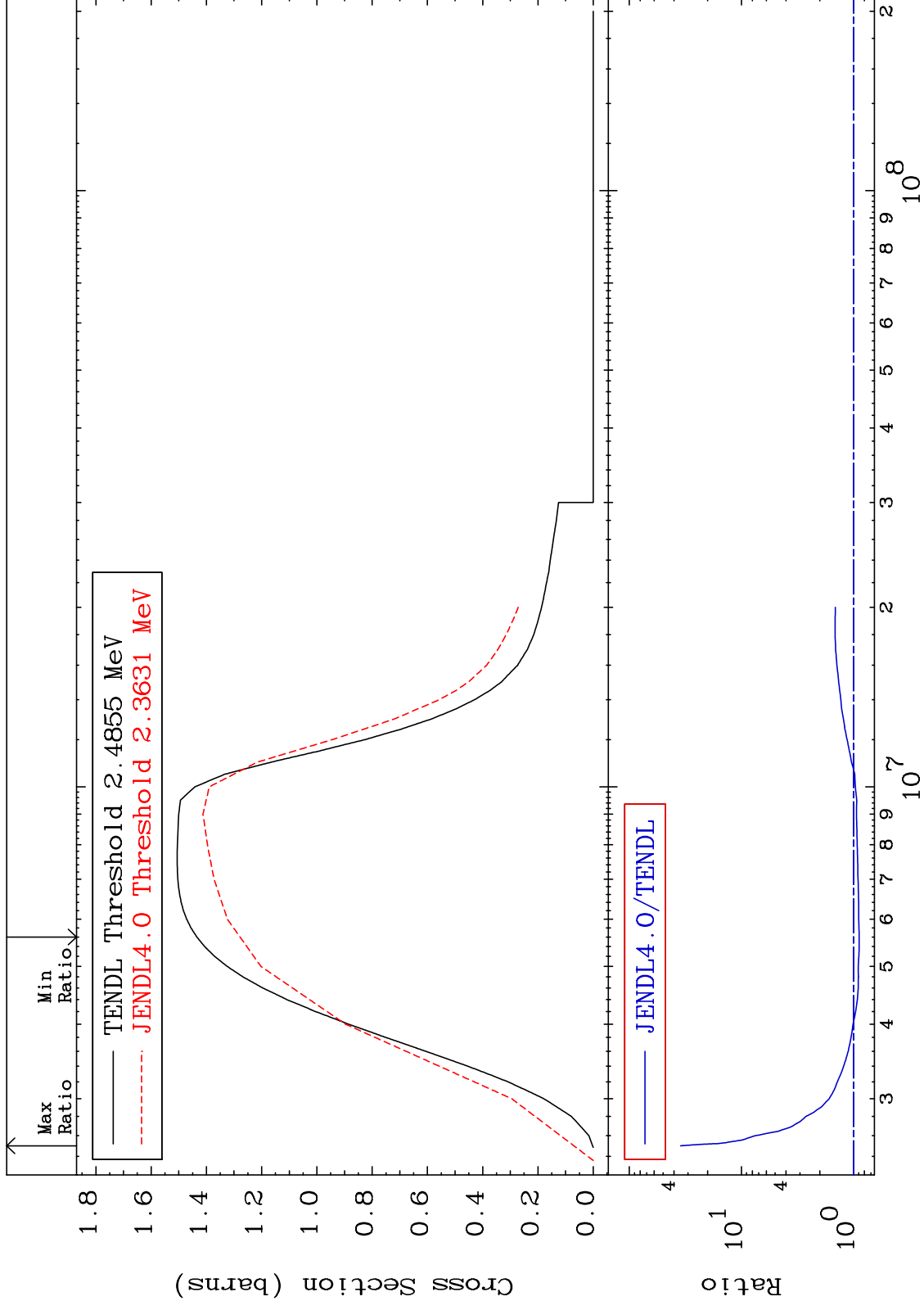
34

31-Ga-71

MAT 3131

(n,n') Continuum
Cross Section

31-Ga-71
-10.90 To 3386. %



35

Incident Energy (eV)

31-Ga-71

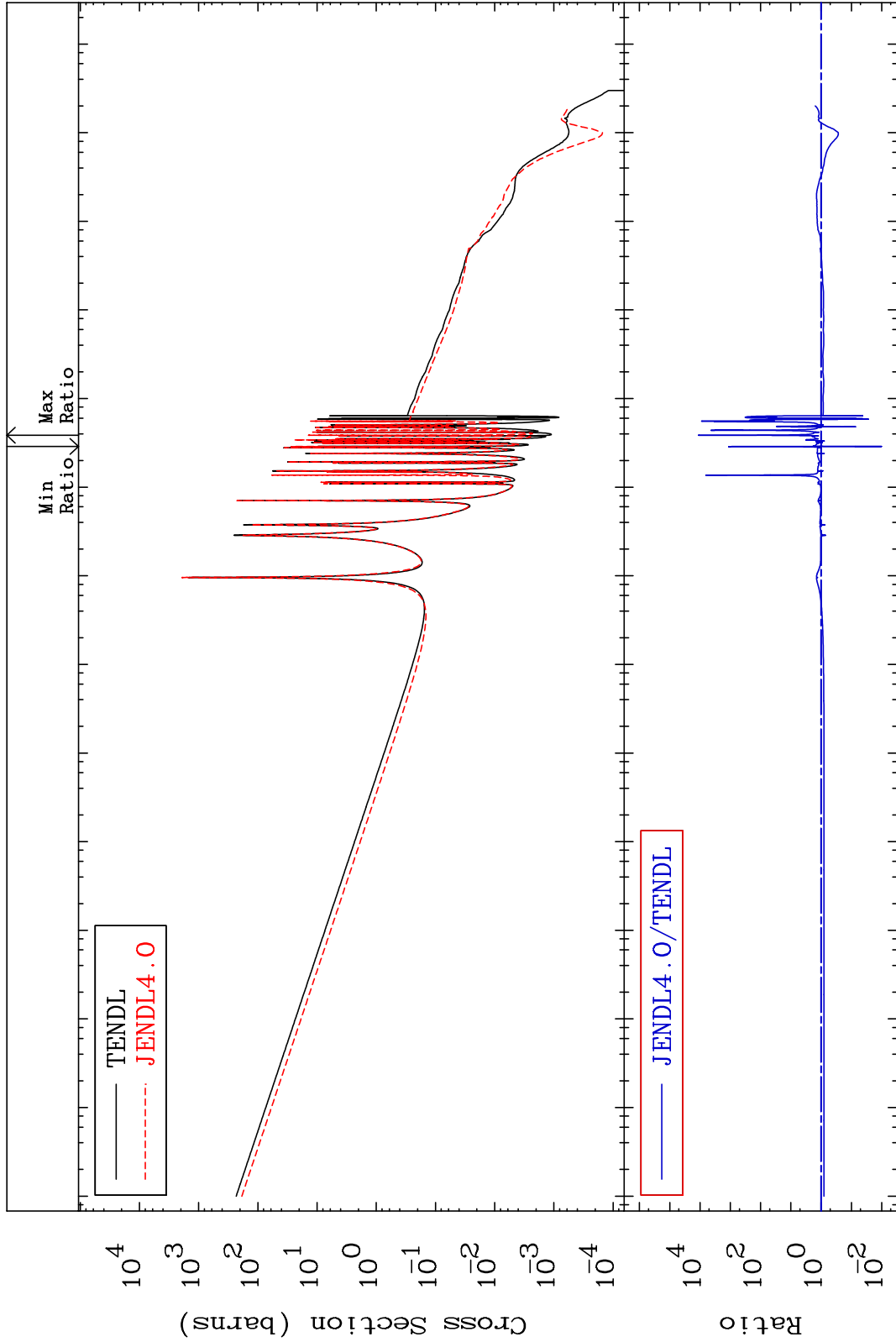
MAT 3131

(n, γ)

31-Ga-71

Cross Section

-98.99 To 9999. %



36

Incident Energy (eV)

31-Ga-71

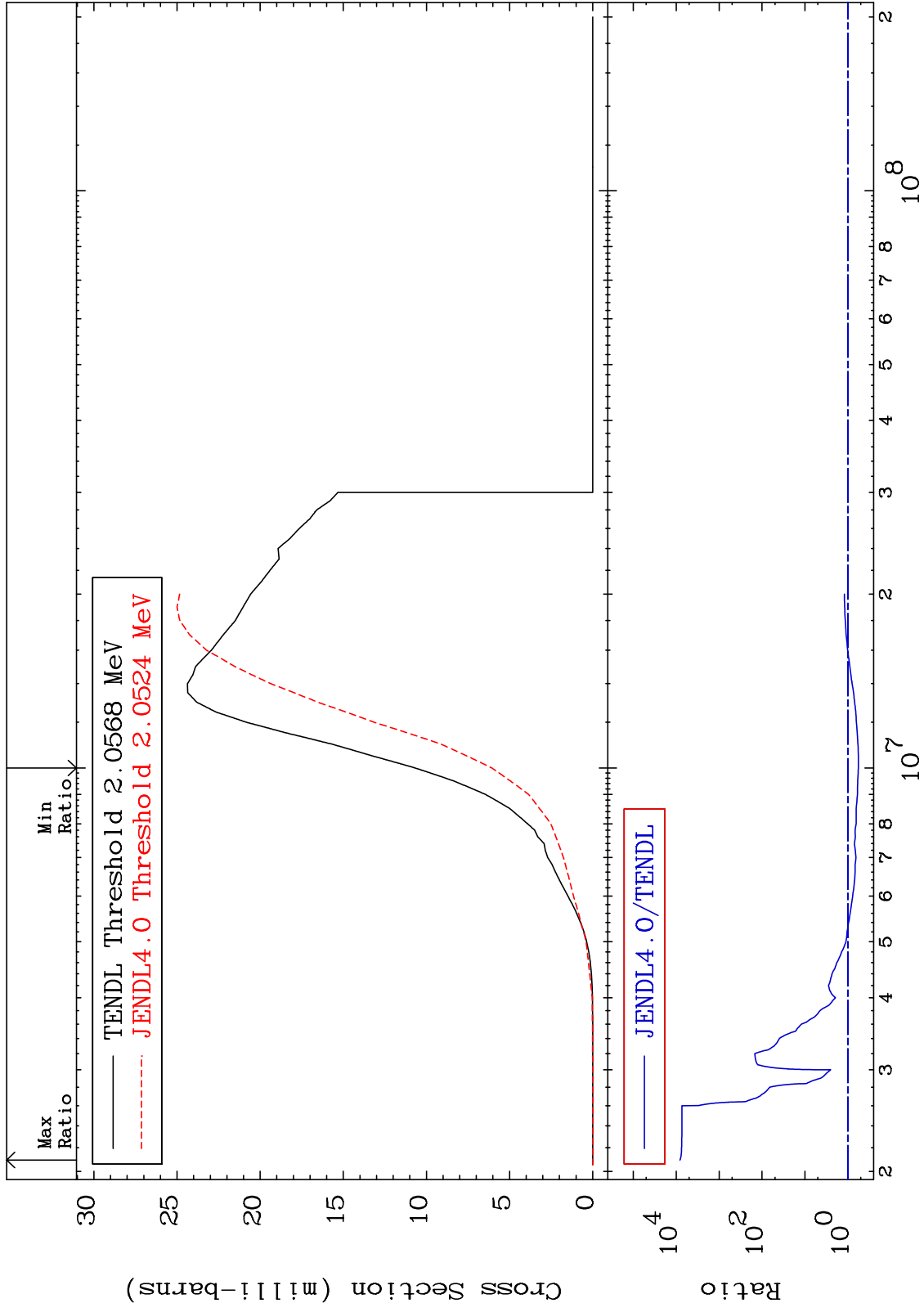
MAT 3131

(n,p)

31-Ga-71

Cross Section

-43.19 To 9999. %



37

Incident Energy (eV)

31-Ga-71

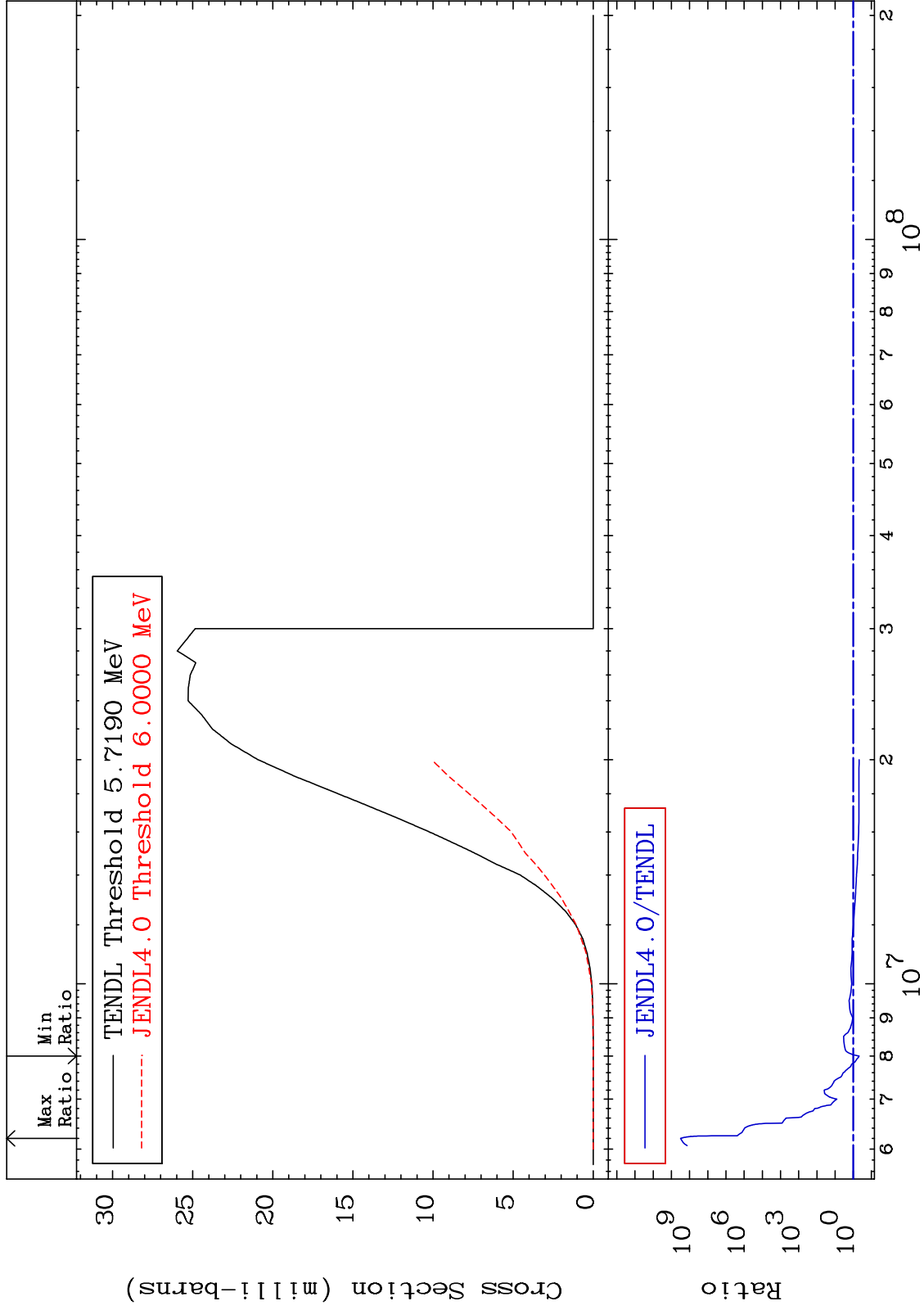
MAT 3131

(n, d)

31-Ga-71

Cross Section

-52.65 To 9999. %



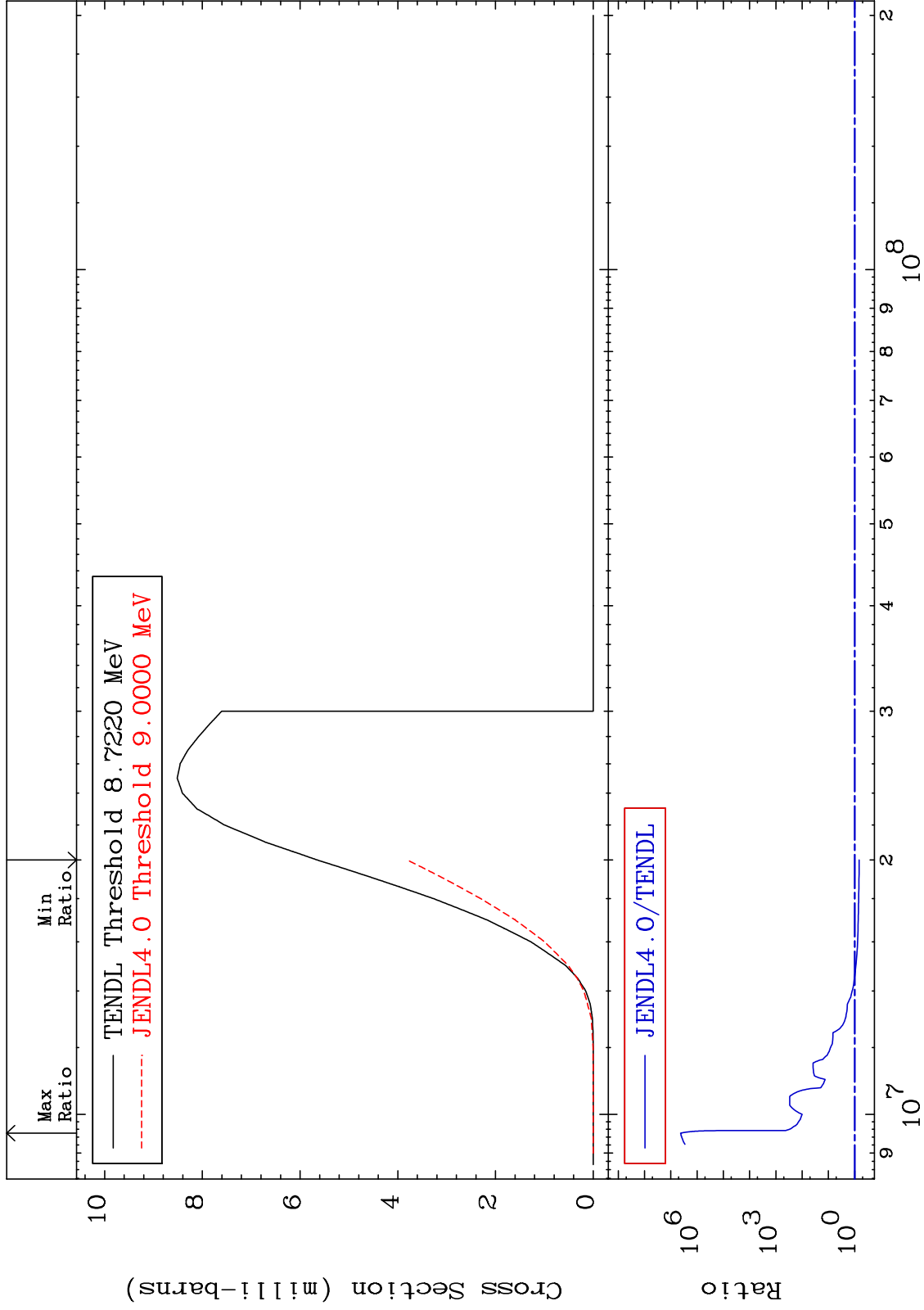
MAT 3131

(n, t)

31-Ga-71

Cross Section

-32.63 To 9999. %



39

Incident Energy (eV)

31-Ga-71

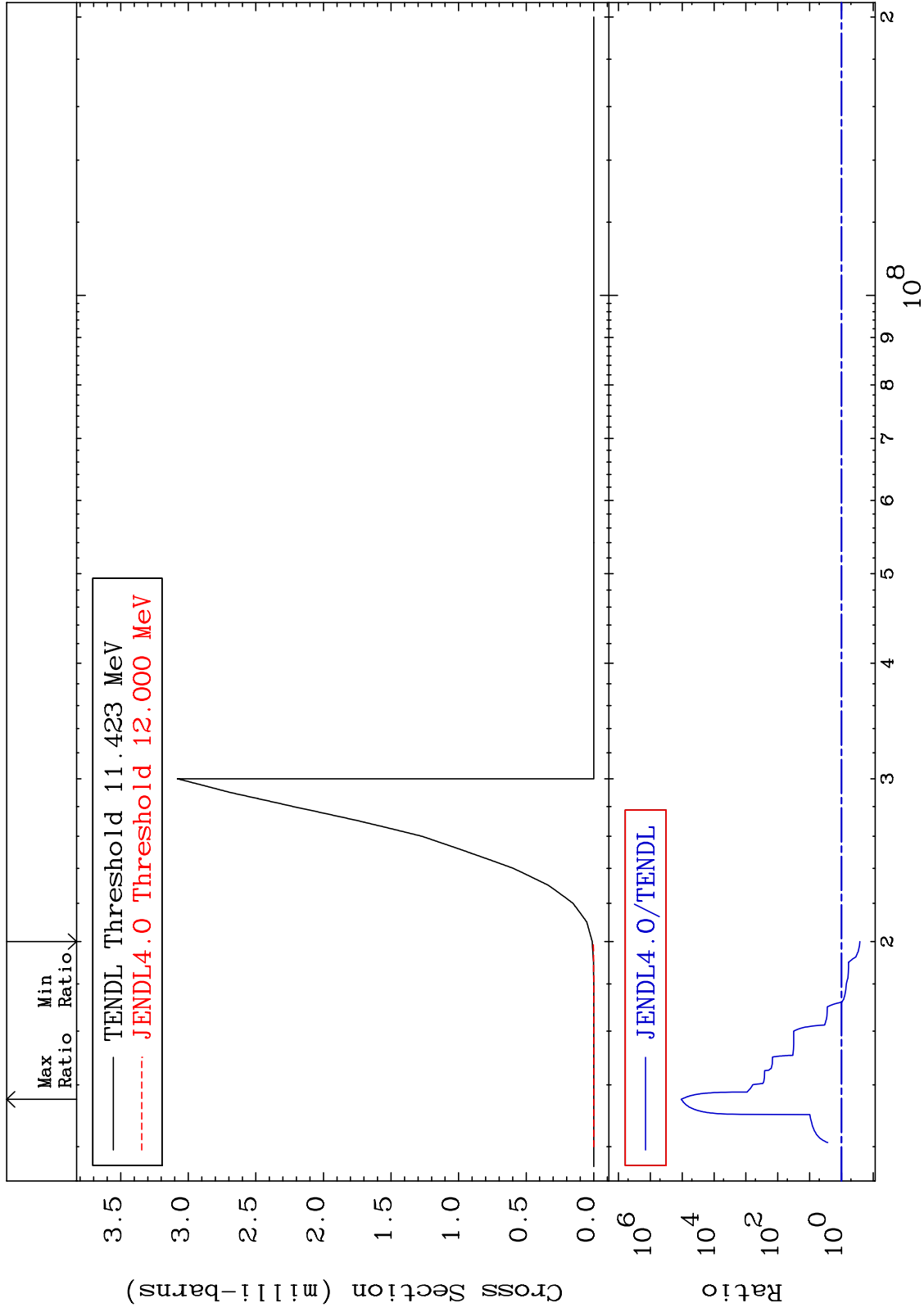
MAT 3131

(n, He-3)

31-Ga-71

Cross Section

-73.77 To 9999. %



40

Incident Energy (eV)

31-Ga-71

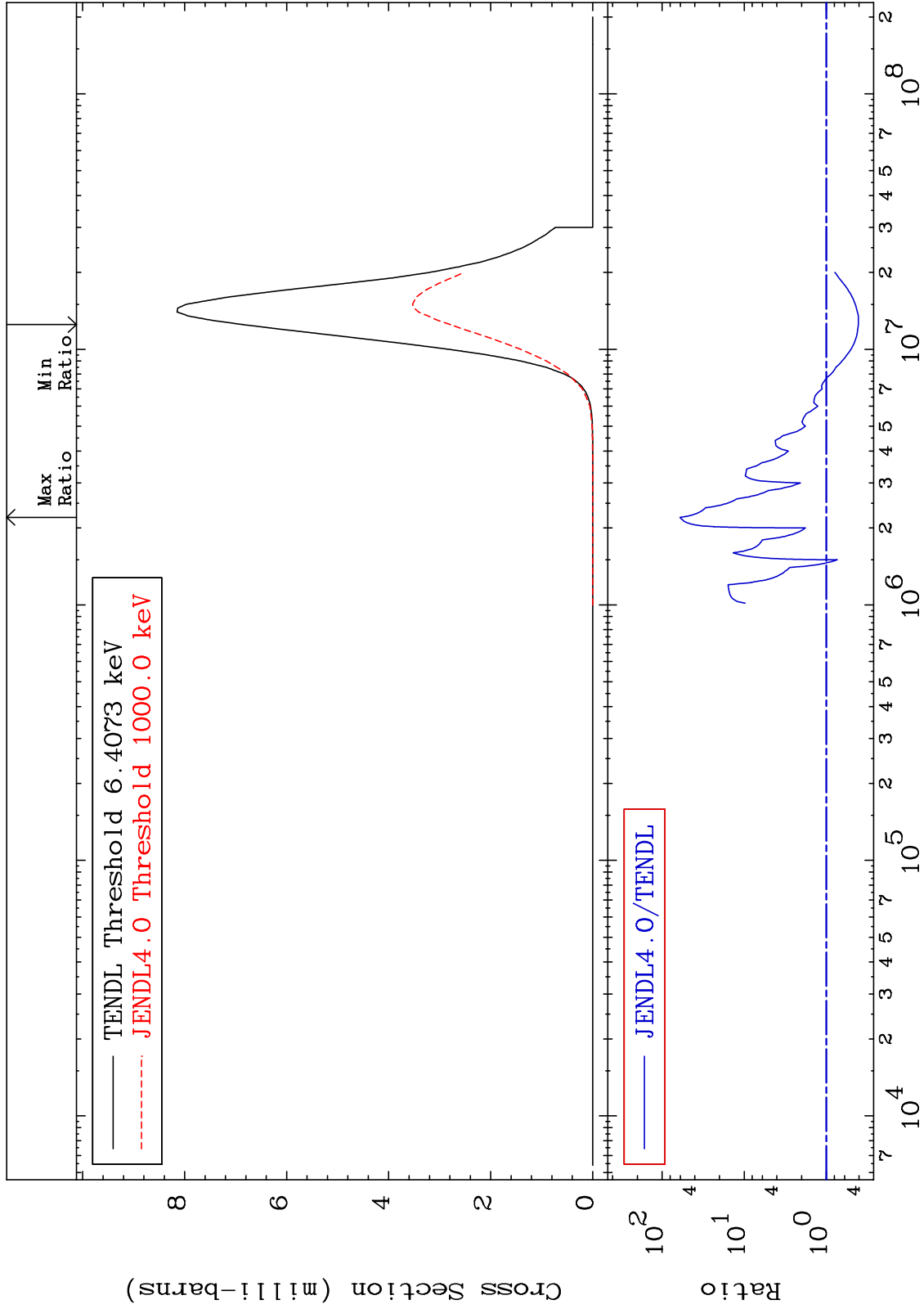
MAT 3131

(n, α)

31-Ga-71

Cross Section

-59.32 To 5951. %



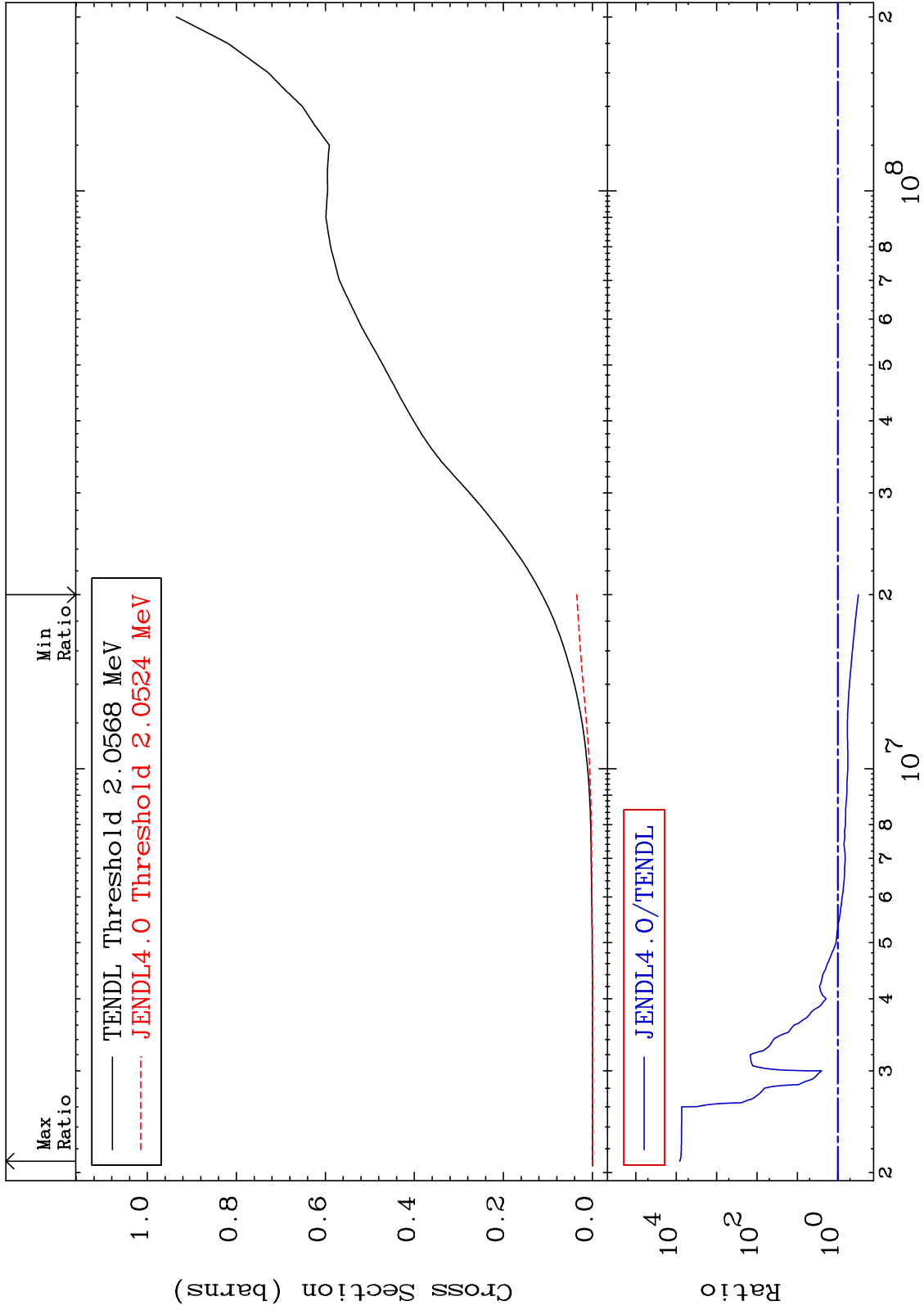
41

31-Ga-71

MAT 3131

Hydrogen Production
Cross Section

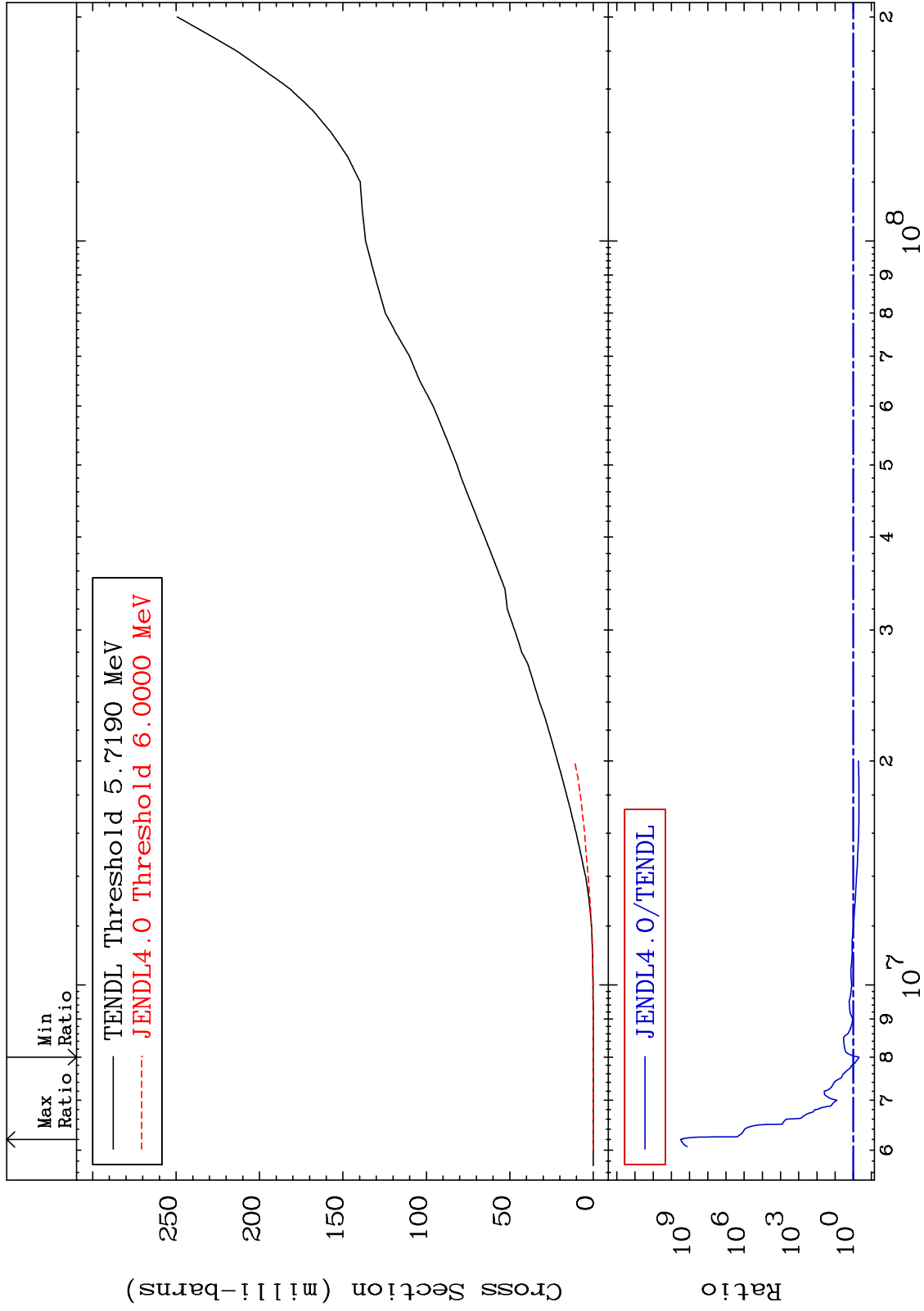
31-Ga-71
-69.07 To 9999. %



MAT 3131

Deuterium Production
Cross Section

31-Ga-71
-52.65 To 9999. %



43

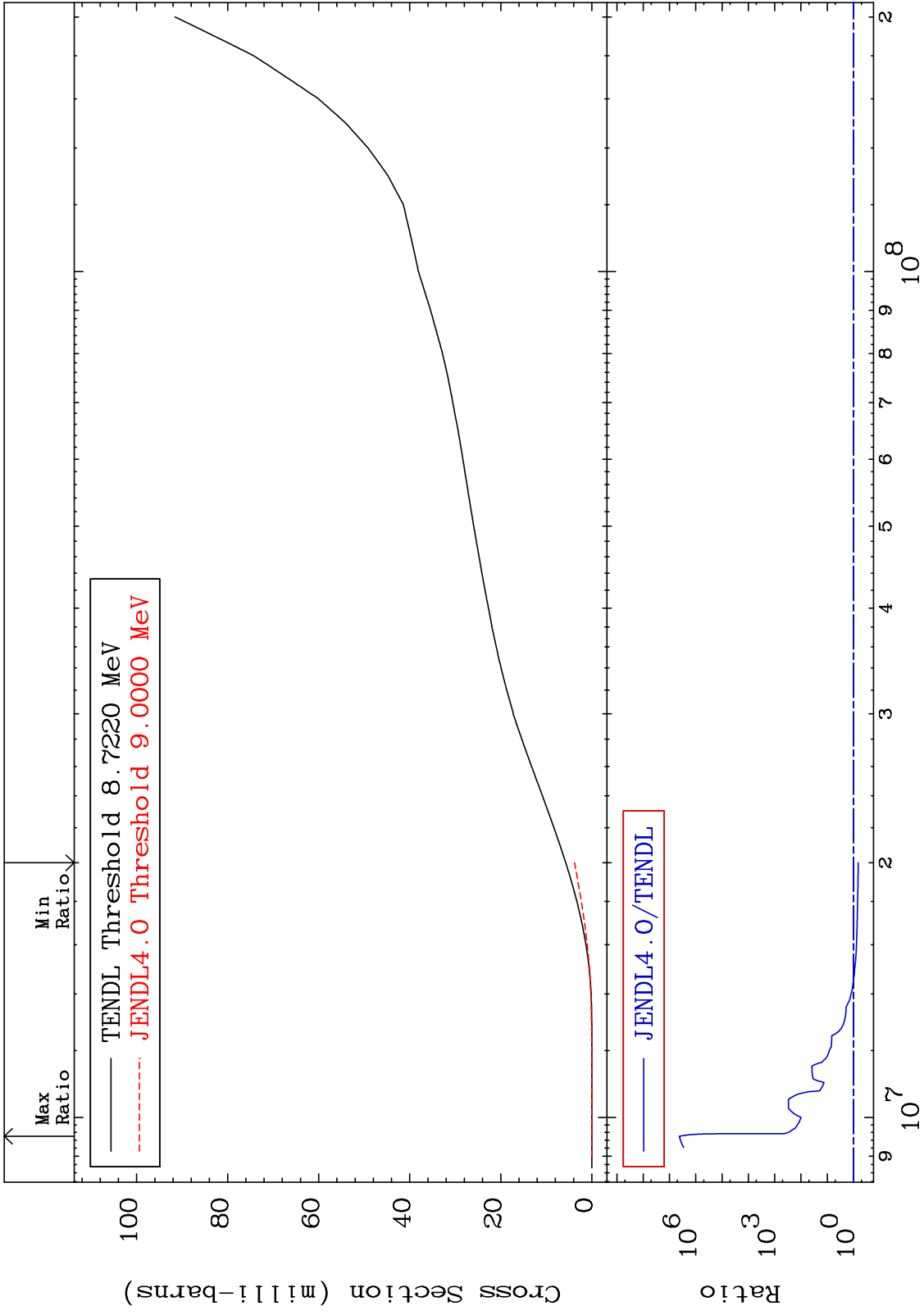
Incident Energy (eV)

31-Ga-71

MAT 3131

Tritium Production
Cross Section

31-Ga-71
-33.49 To 9999. %



44

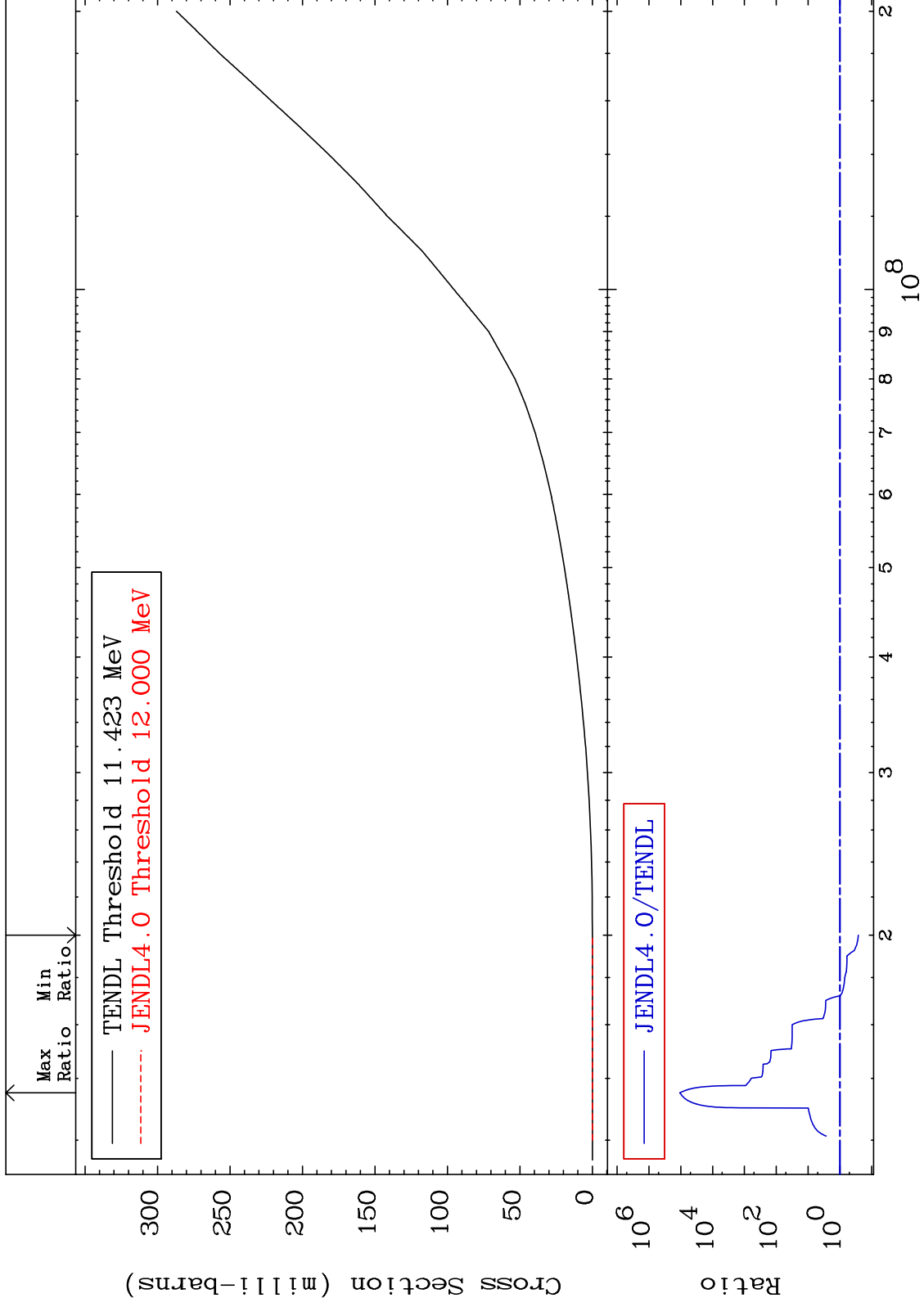
Incident Energy (eV)

31-Ga-71

MAT 3131

He-3 Production
Cross Section

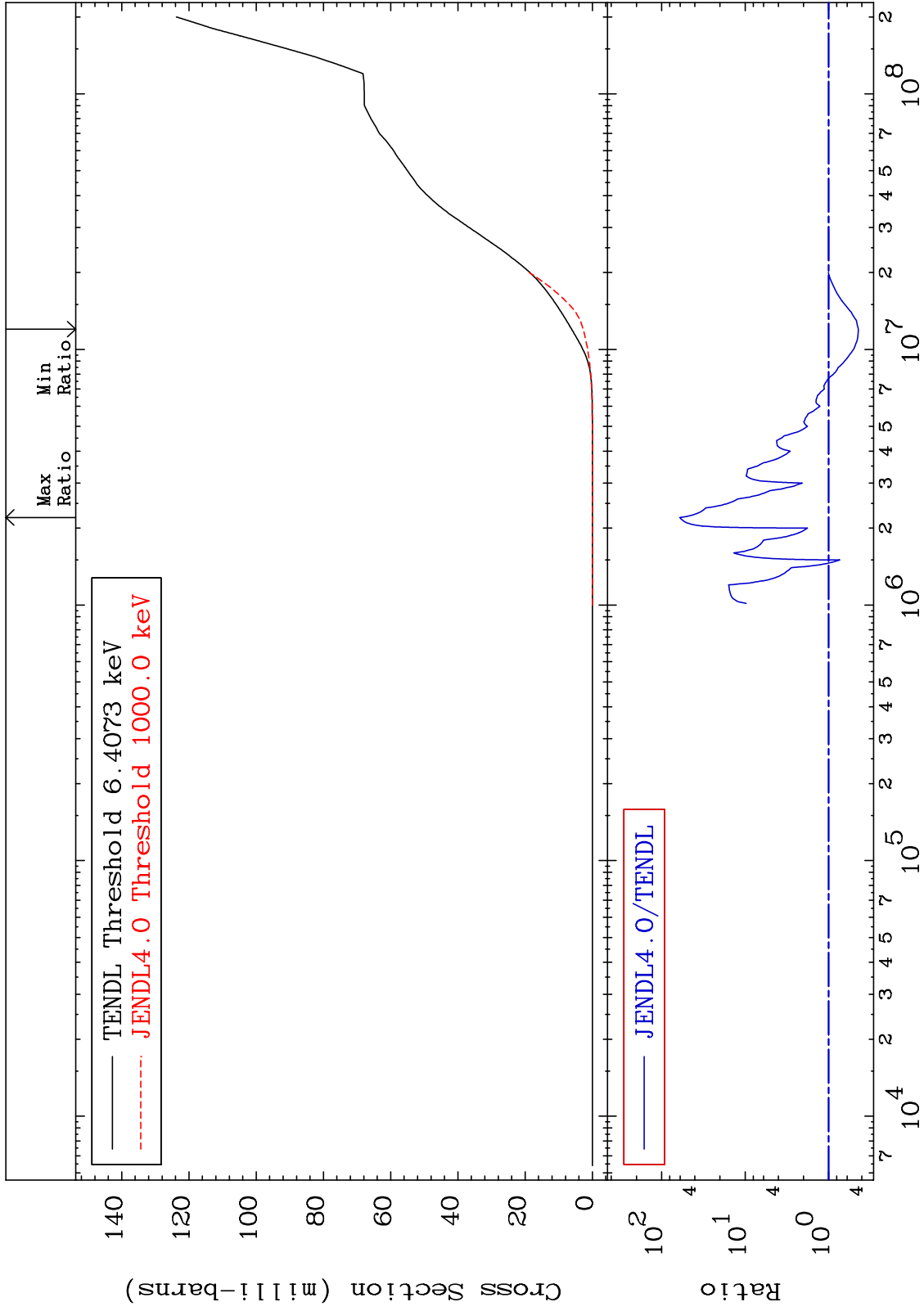
31-Ga-71
-73.77 To 9999. %



MAT 3131

He-4 Production
Cross Section

31-Ga-71
-55.88 To 5951. %



46

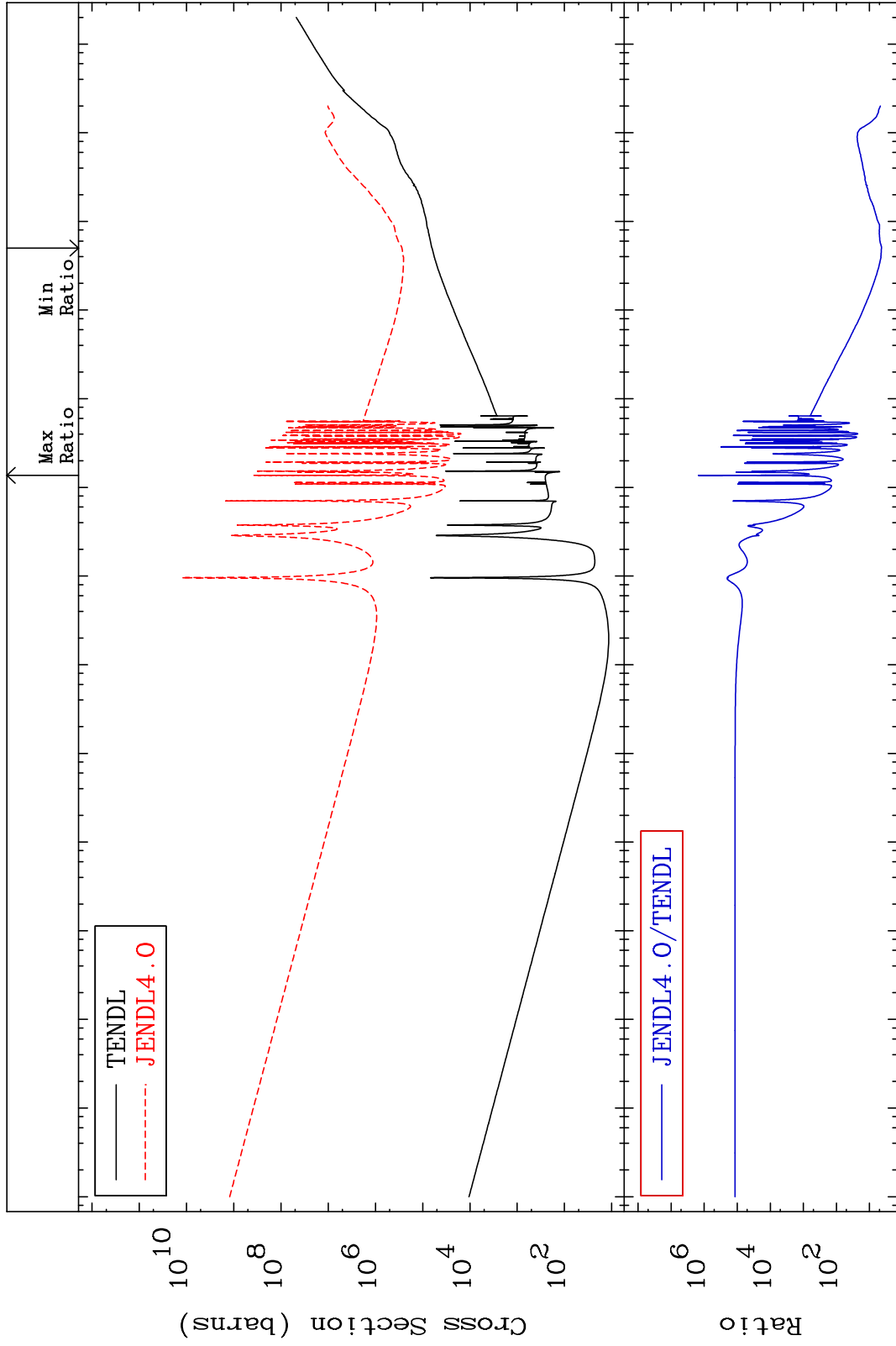
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma total (eV-barns)
Cross Section

31-Ga-71
330.3 To 9999. %



47

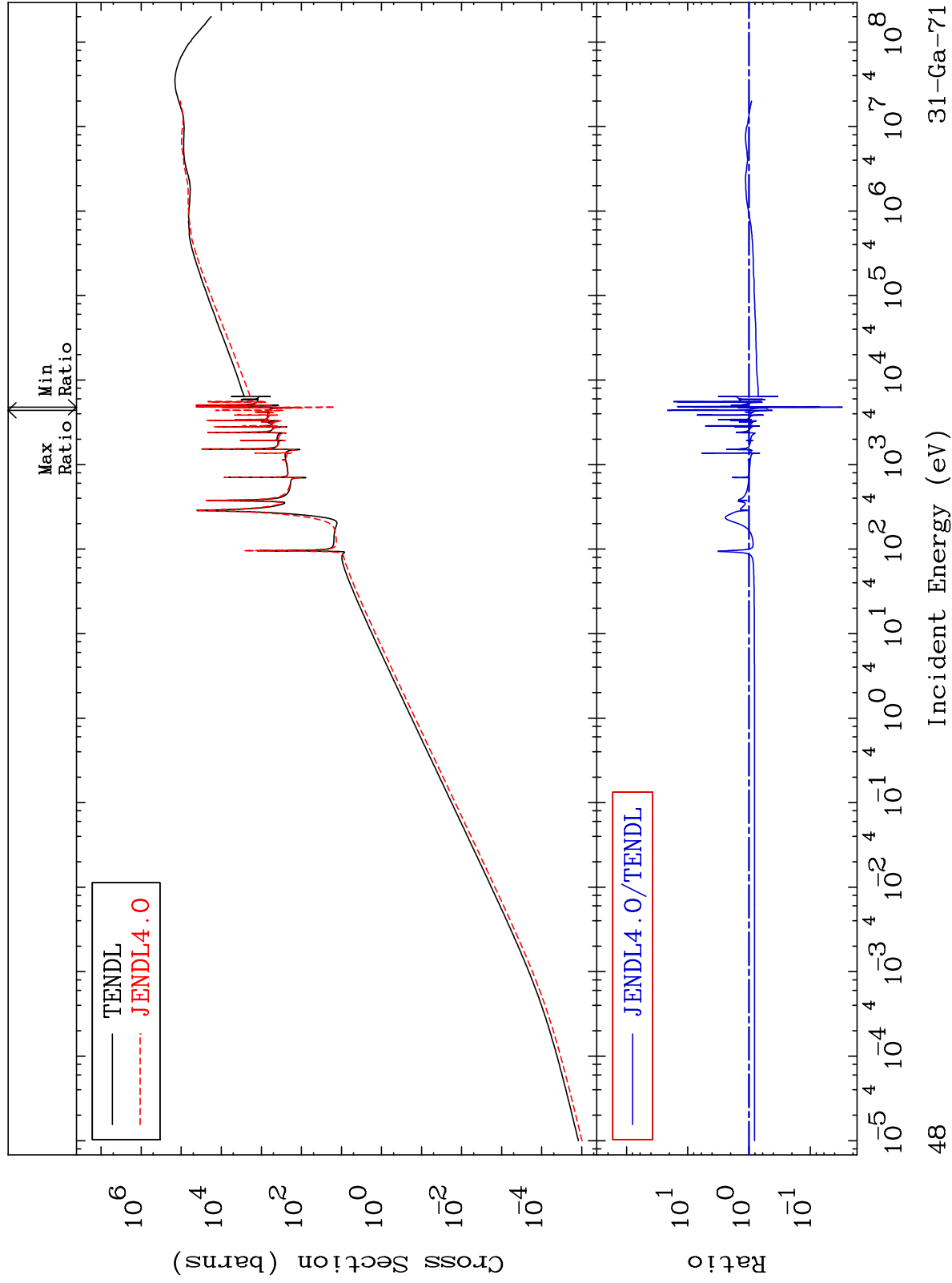
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma elastic
Cross Section

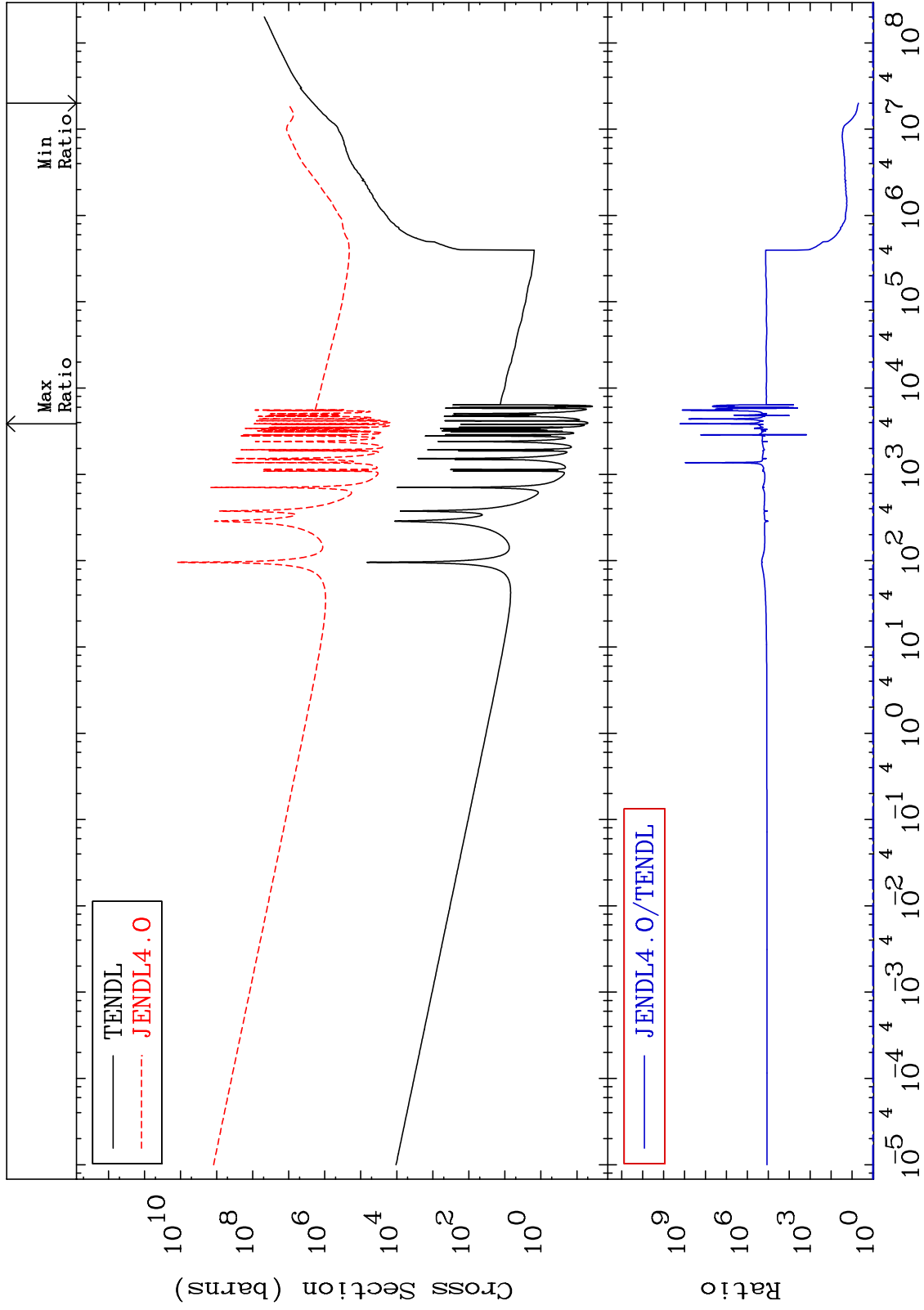
31-Ga-71
-96.98 To 2045. %



MAT 3131

Kerma non-elastic (all but mt2)
Cross Section

31-Ga-71
391.5 To 9999. %



49

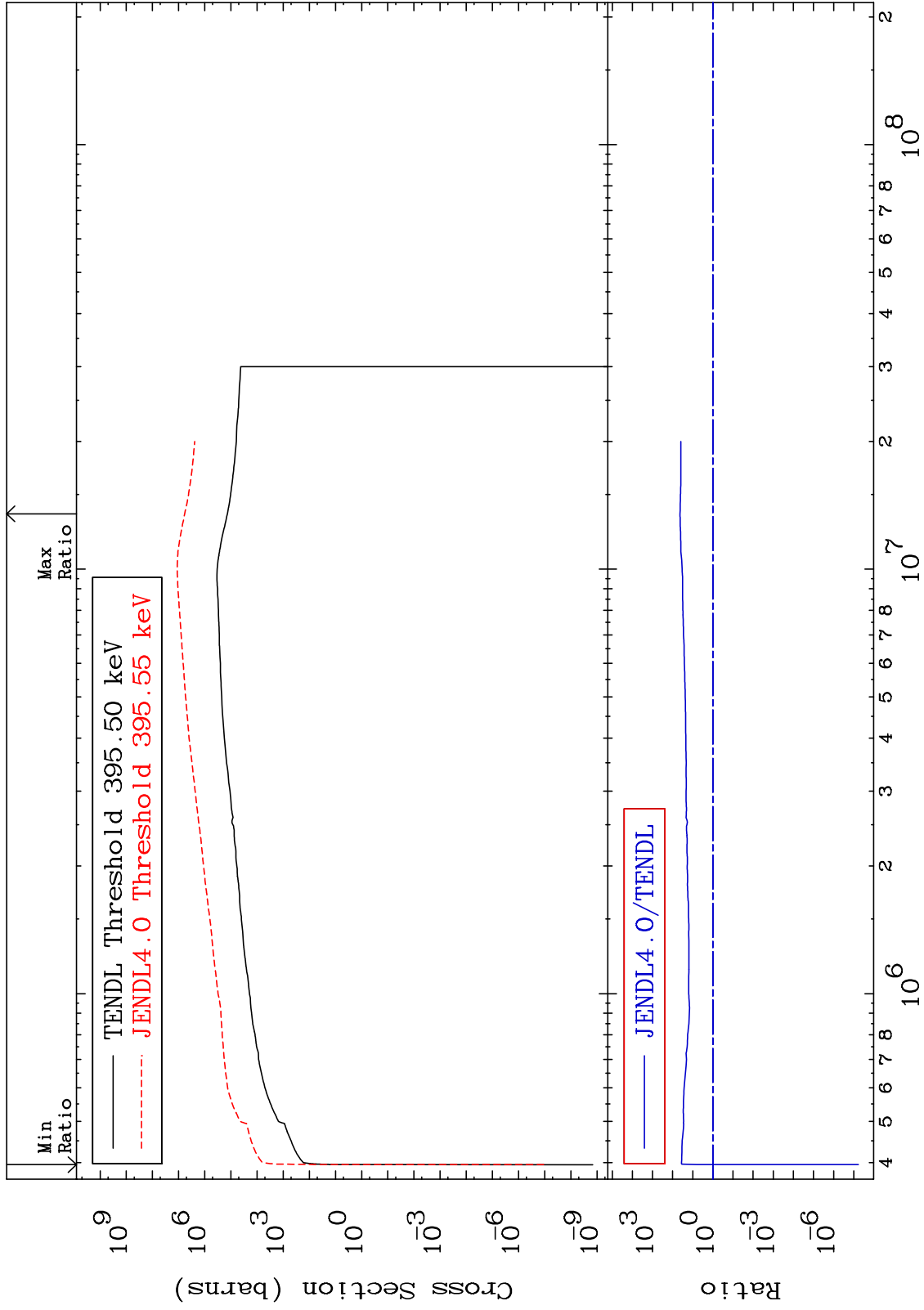
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma inelastic (mt51-91)
Cross Section

31-Ga-71
-100.0 To 4196. %



50

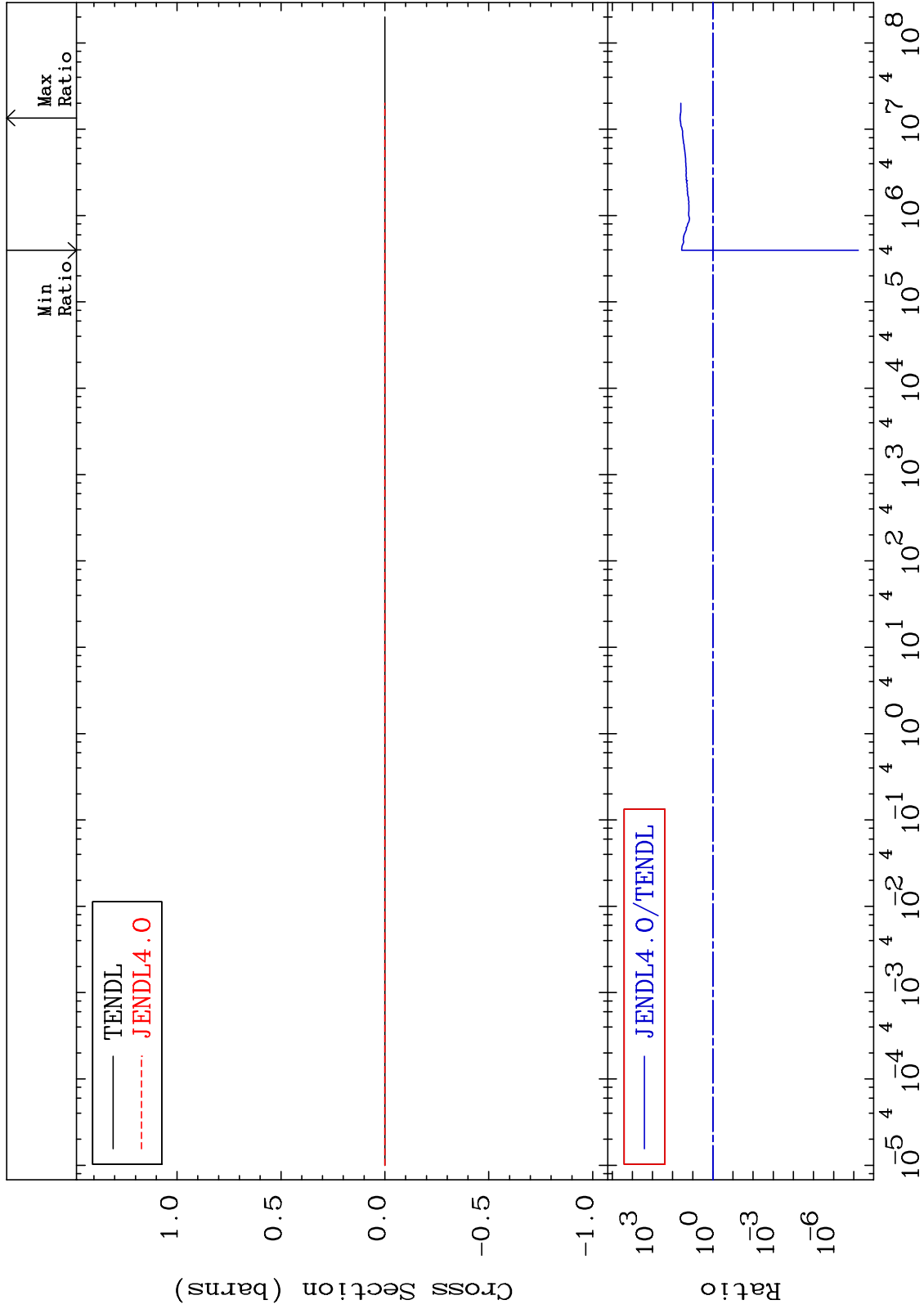
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-100.0 To 4196. %



51

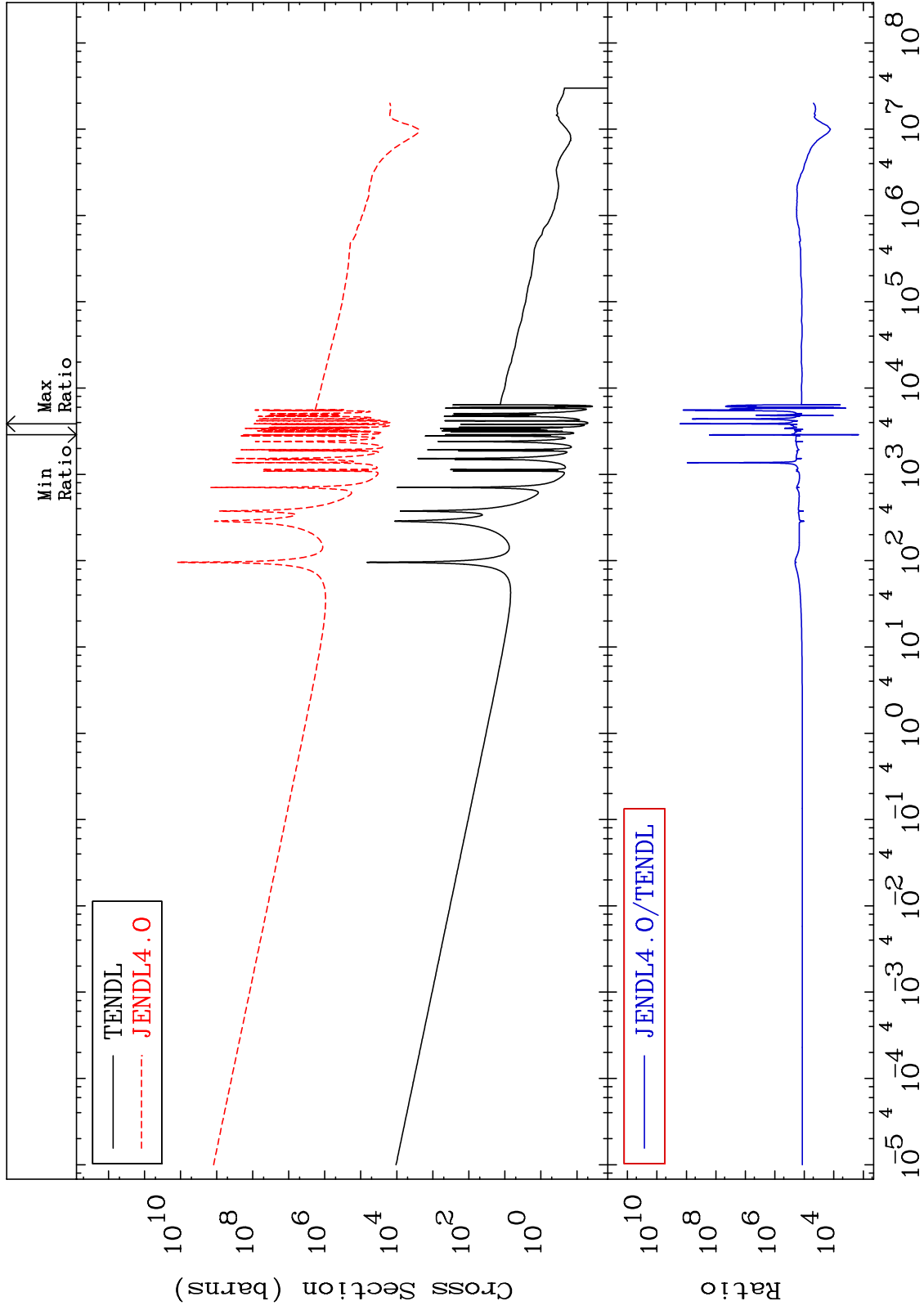
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma capture (mt102)
Cross Section

31-Ga-71
9999. To 9999. %



52

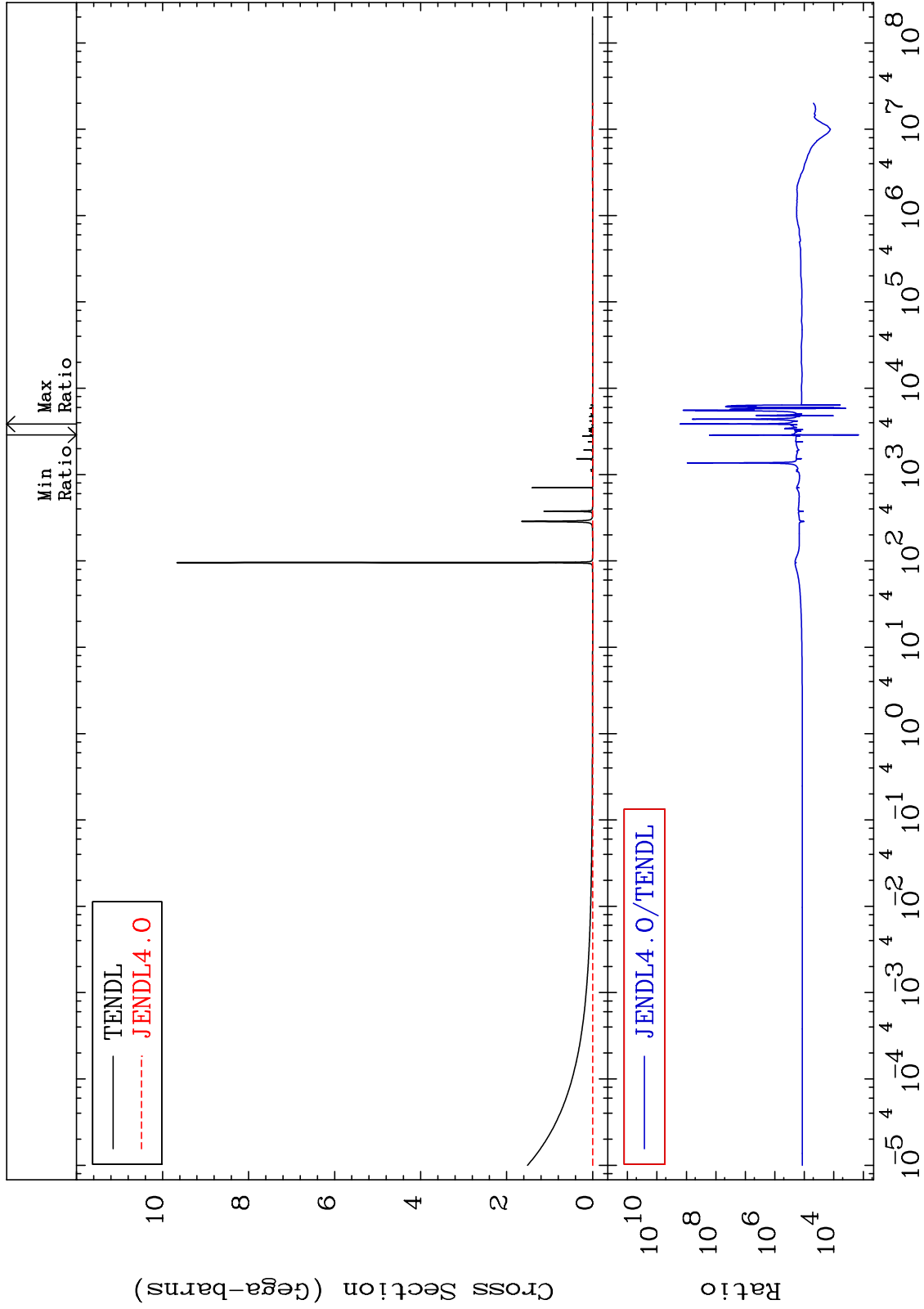
Incident Energy (eV)

31-Ga-71

MAT 3131

Total photon (eV-barns)
Cross Section

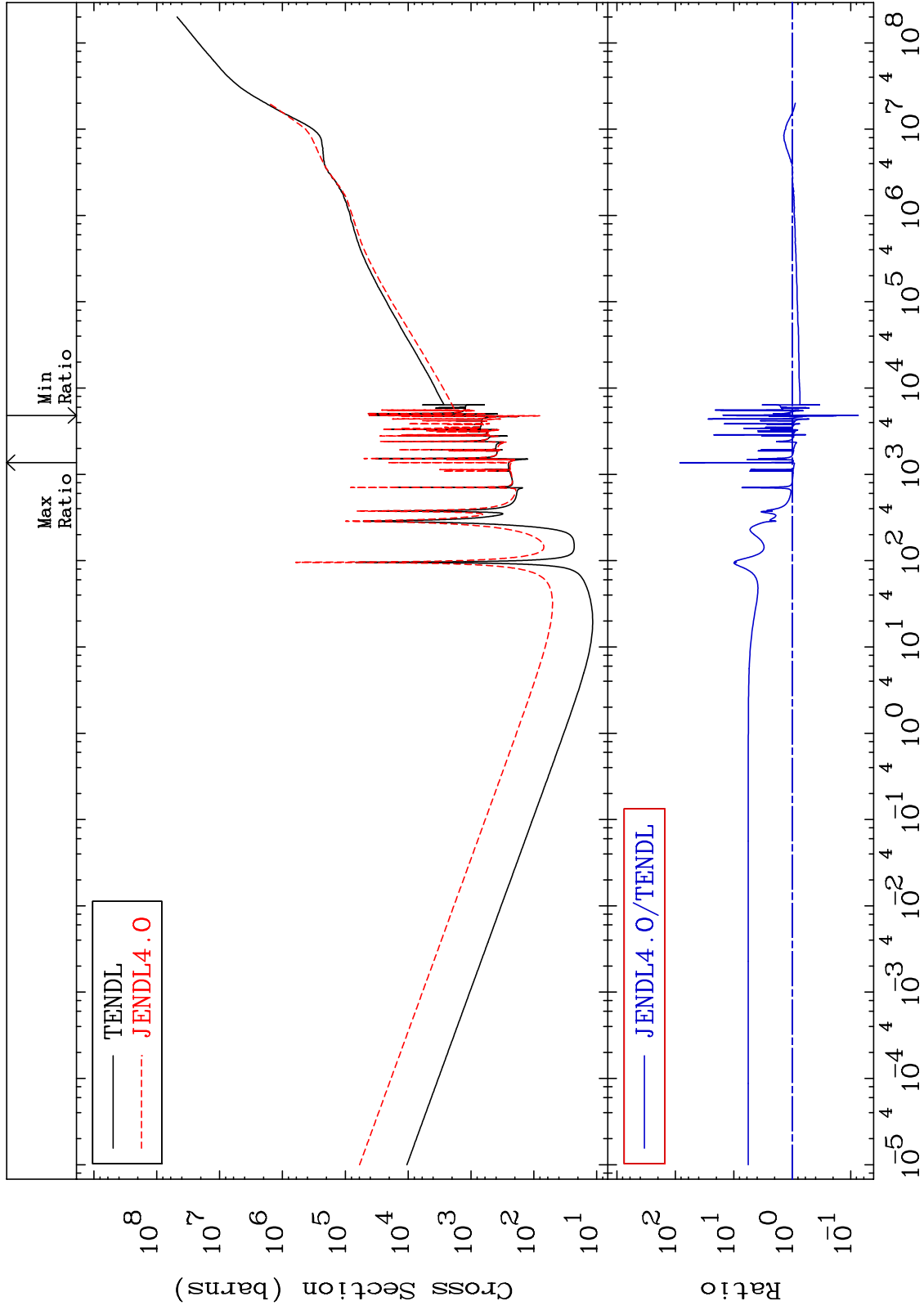
31-Ga-71
9999. To 9999. %



MAT 3131

Total kinematic kerma (high limit)
Cross Section

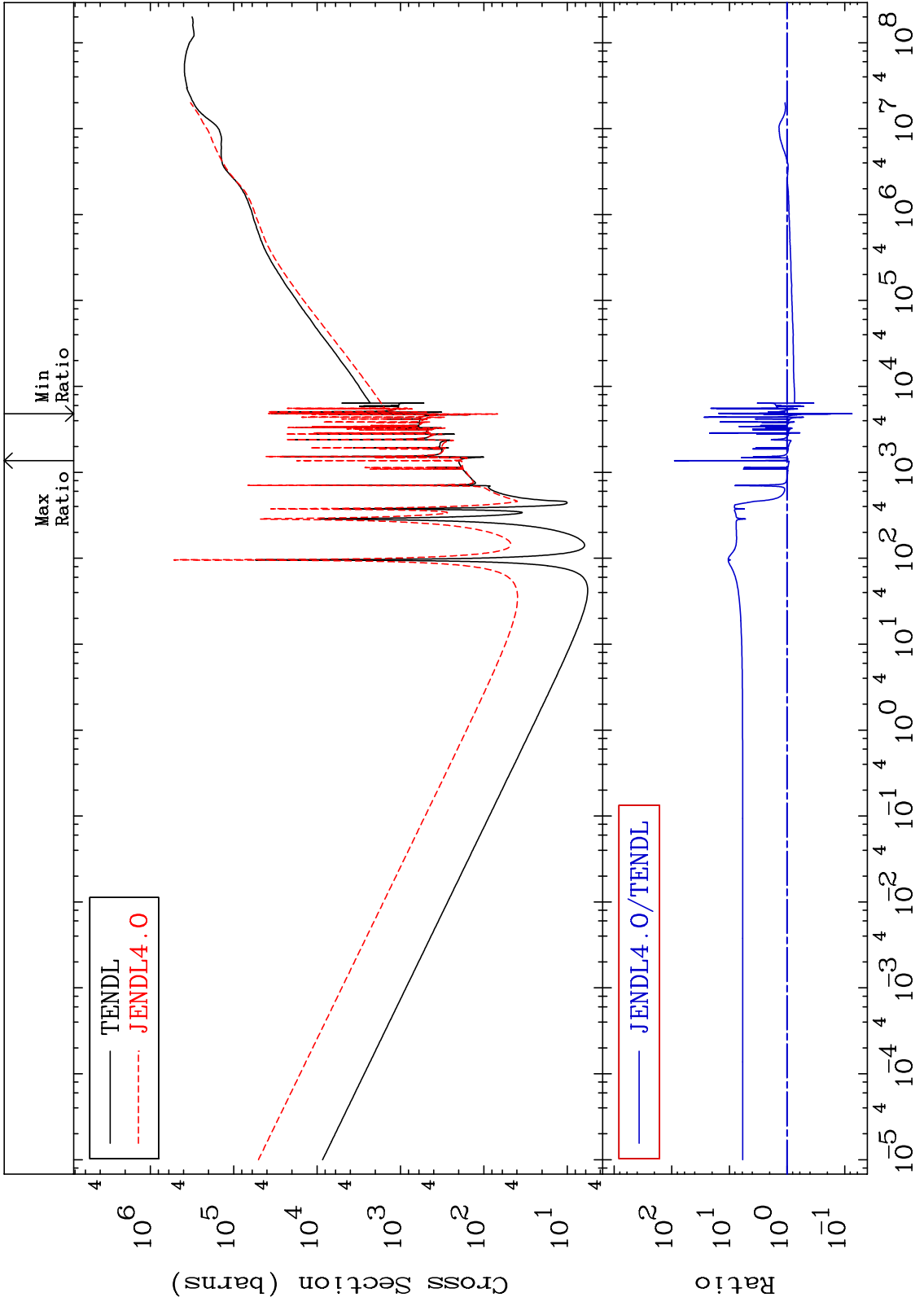
31-Ga-71
-92.60 To 8242. %



MAT 3131

Dpa total (eV-barns)
Cross Section

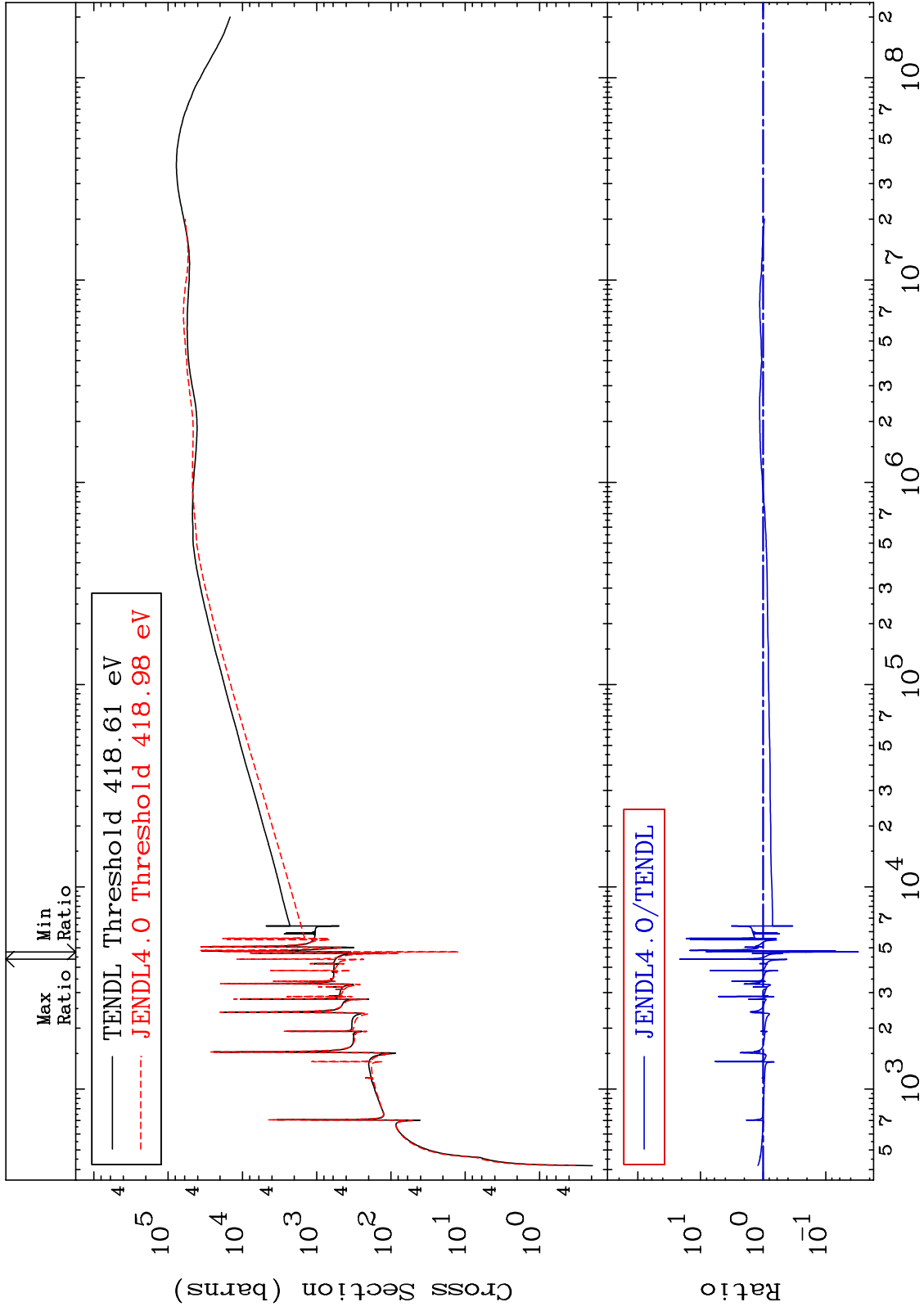
31-Ga-71
-92.60 To 8833. %



MAT 3131

Dpa elastic (mt2)
Cross Section

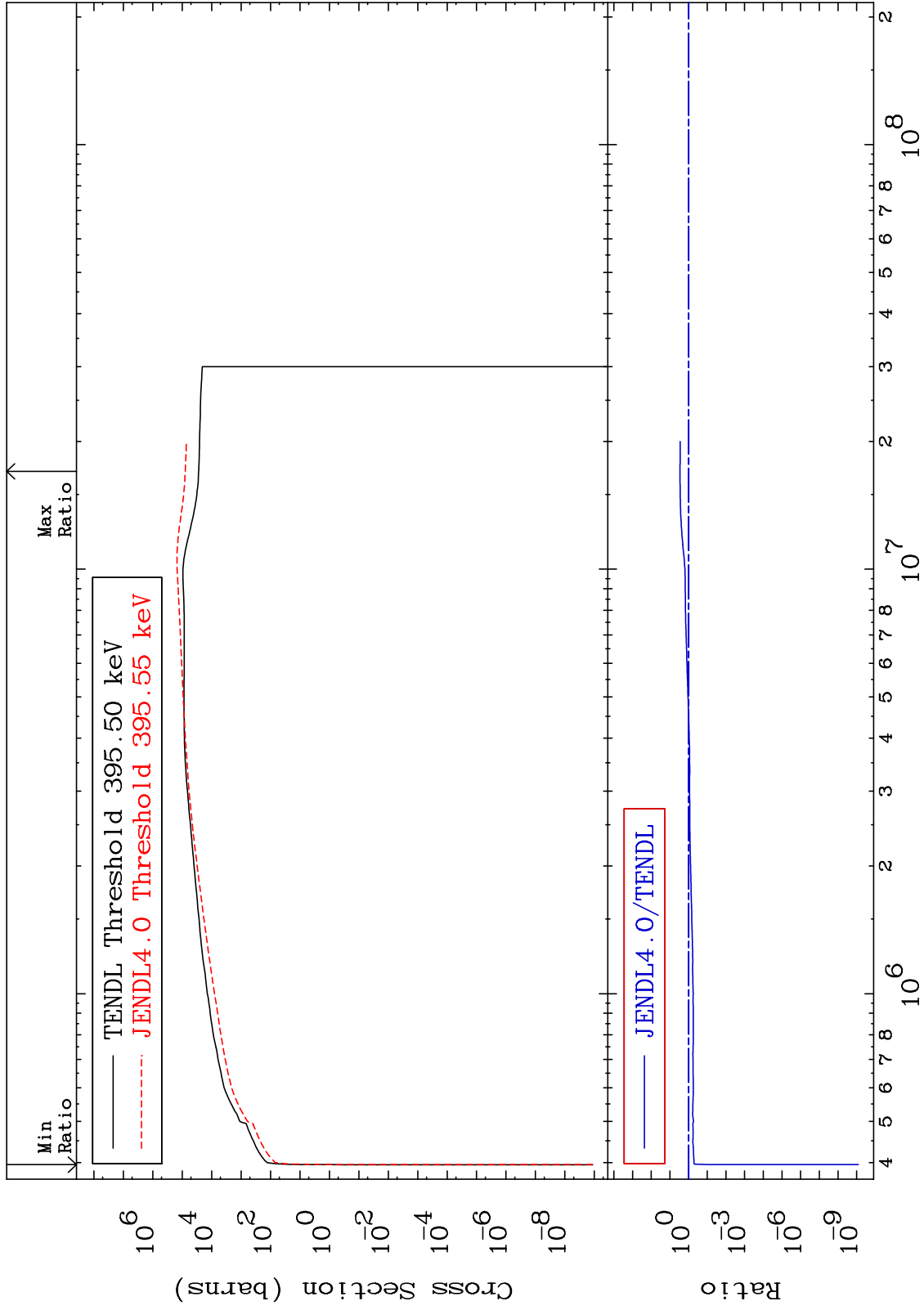
31-Ga-71
-96.98 To 2041. %



MAT 3131

Dpa inelastic (mt51-91)
Cross Section

31-Ga-71
-100.0 To 186.9 %



57

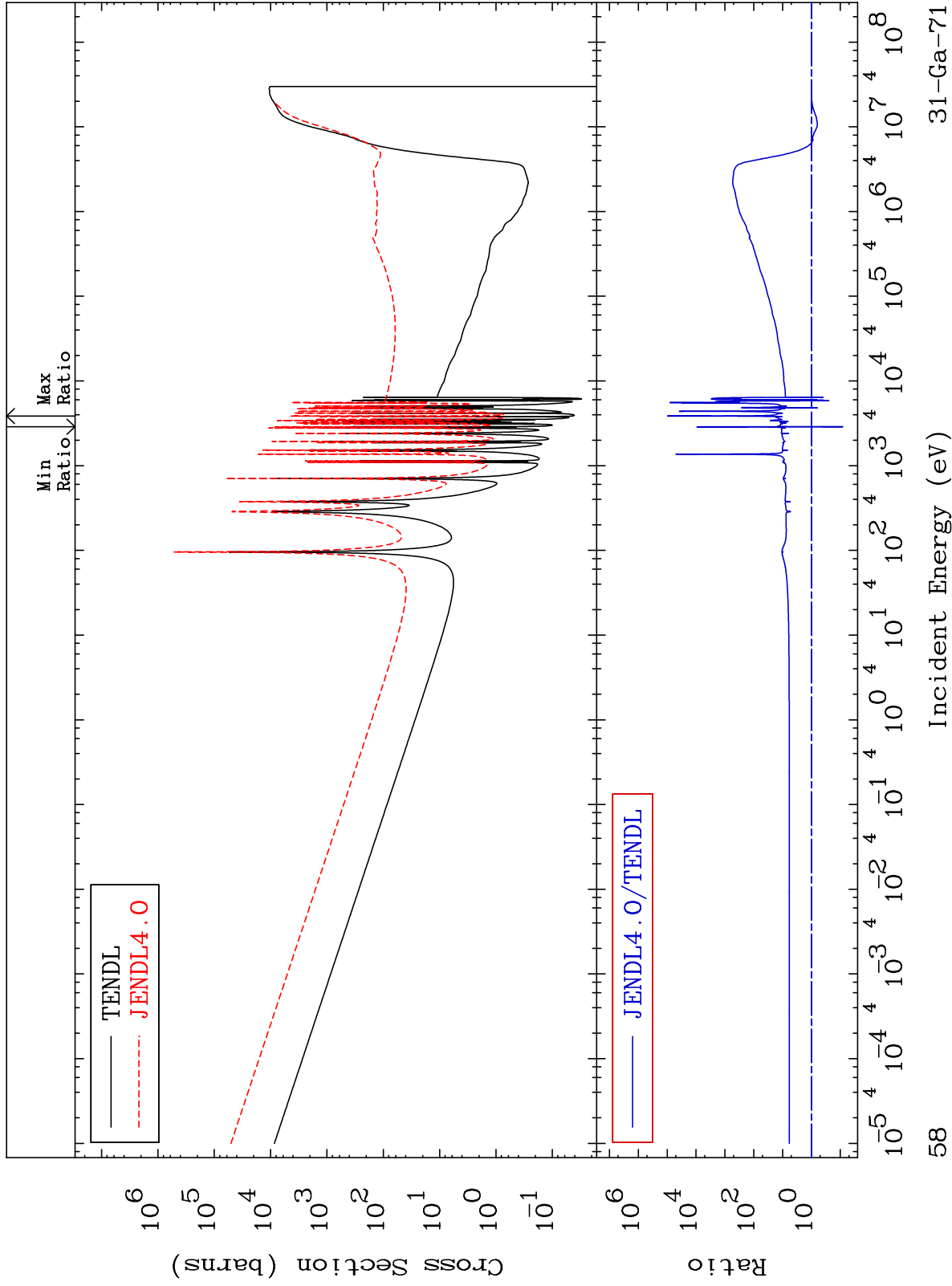
Incident Energy (eV)

31-Ga-71

MAT 3131

Dpa disappearance (mt102 -120)
Cross Section

31-Ga-71
-91.68 To 9999. %



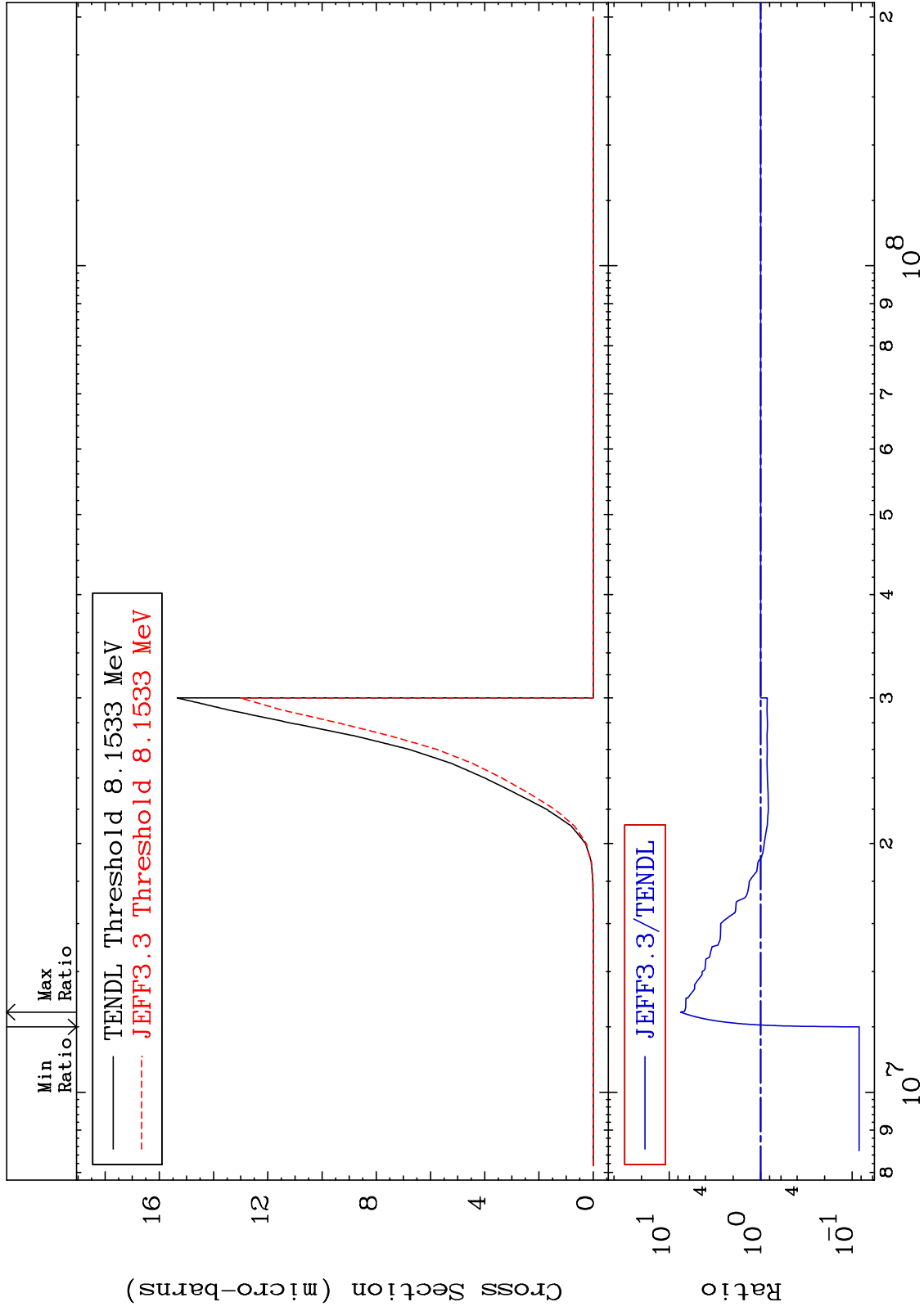
MAT 3131

(n,p) α

³¹Ga-71

Cross Section

-91.60 To 648.4 %



59

Incident Energy (eV)

³¹Ga-71

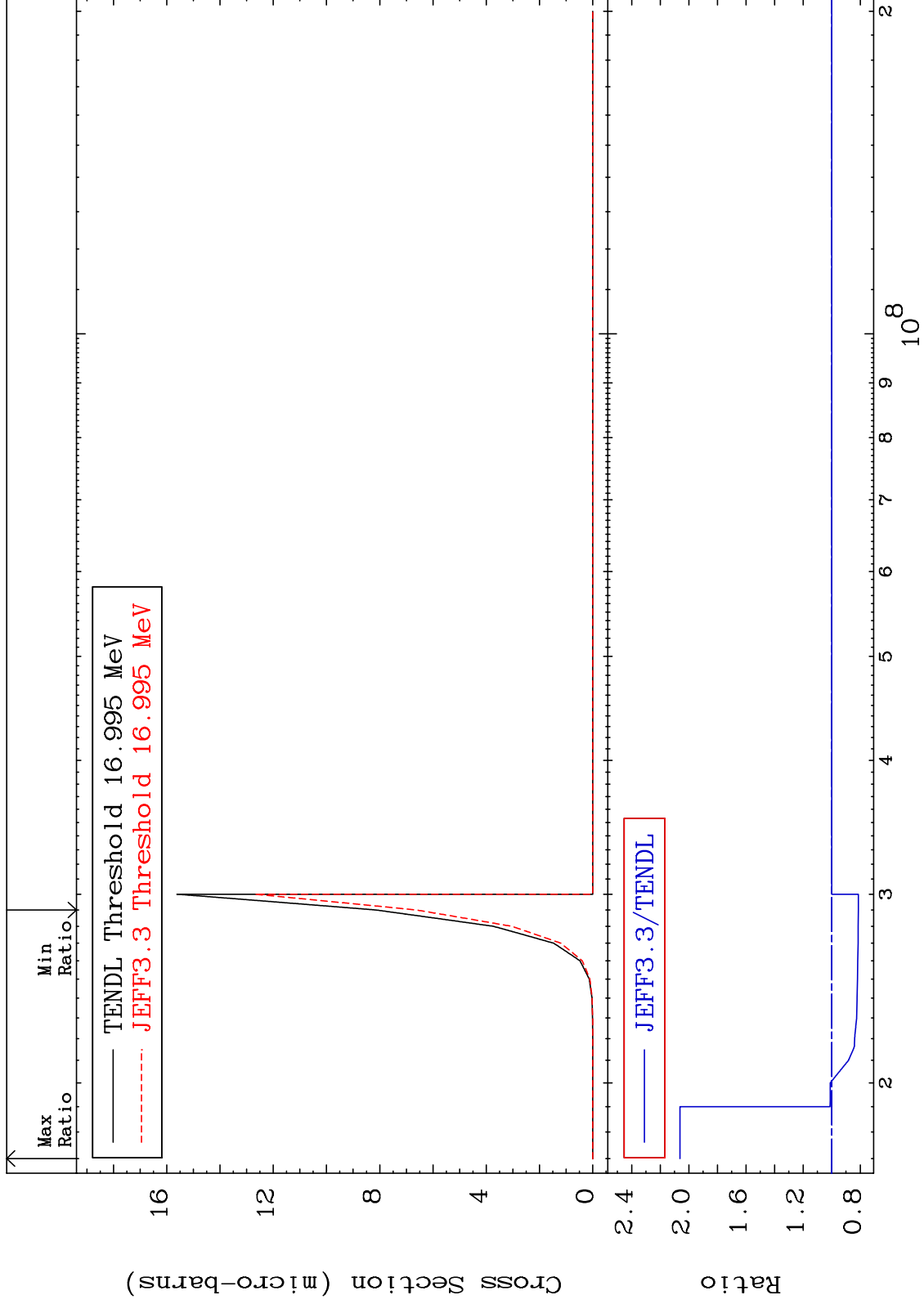
MAT 3131

(n,p) d

³¹Ga-71

Cross Section

-18.72 To 106.1 %



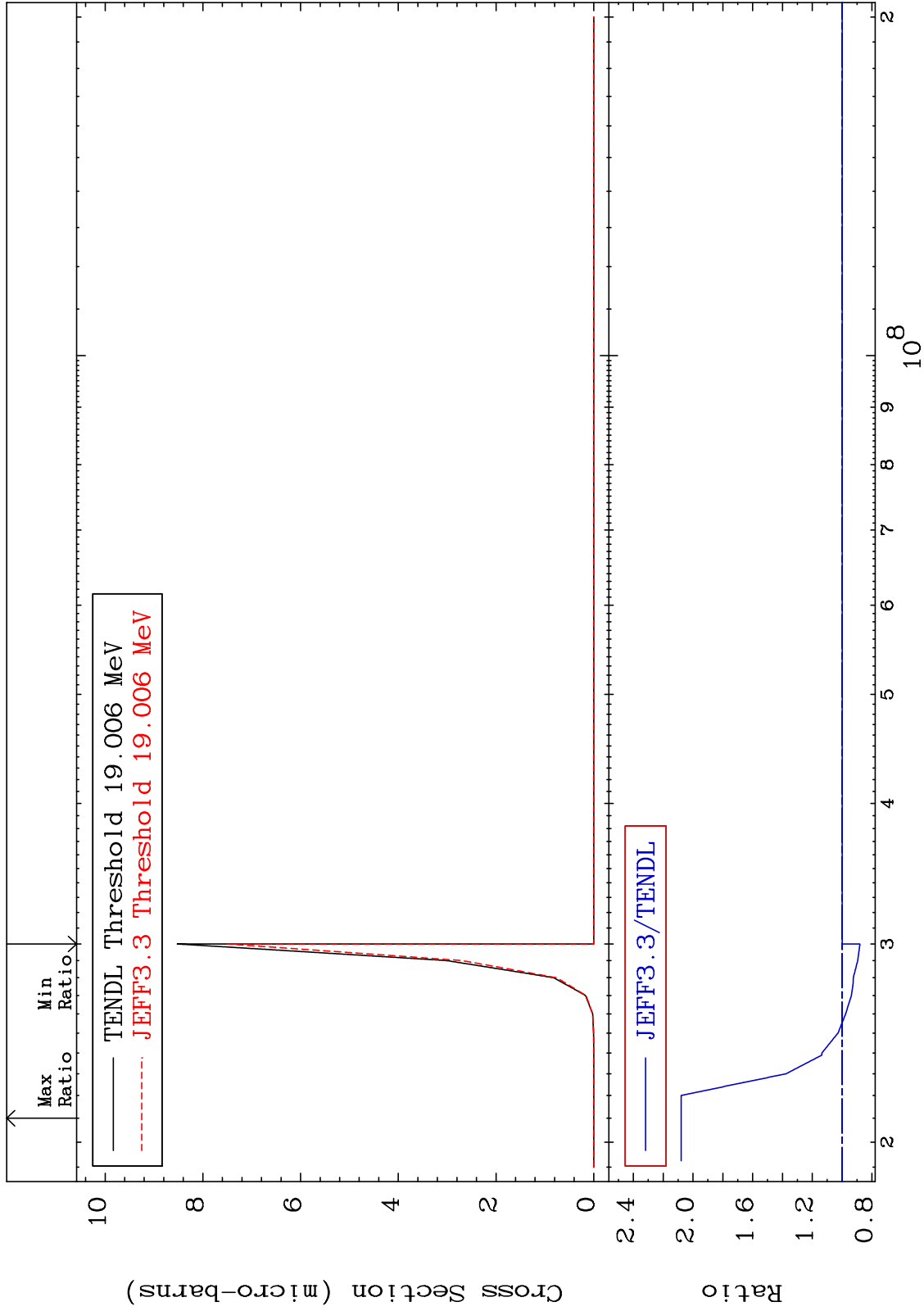
MAT 3131

(n,p) t

31-Ga-71

Cross Section

-11.97 To 107.9 %



61

31-Ga-71

31-Ga-71

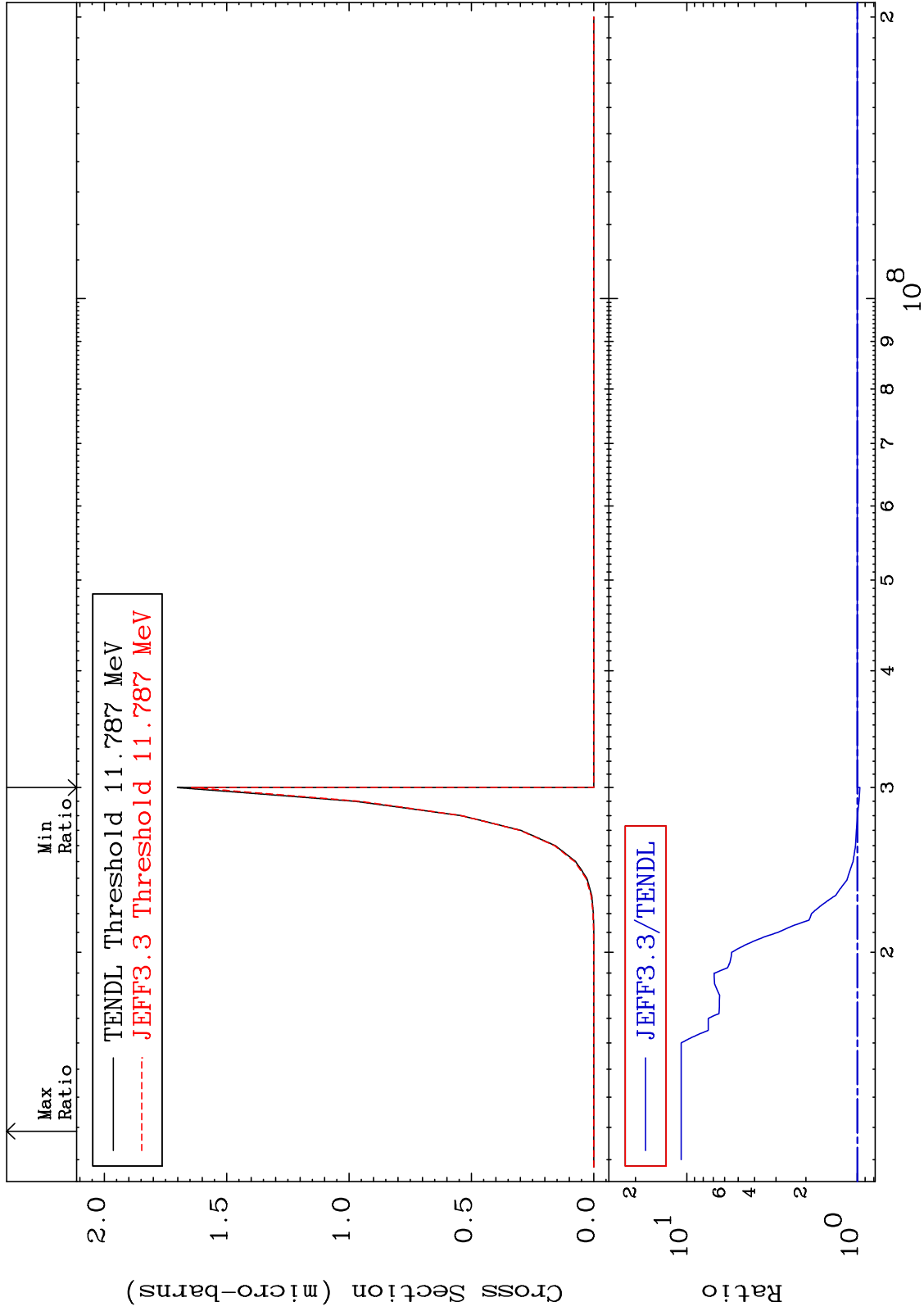
MAT 3131

(n,d) α

31-Ga-71

Cross Section

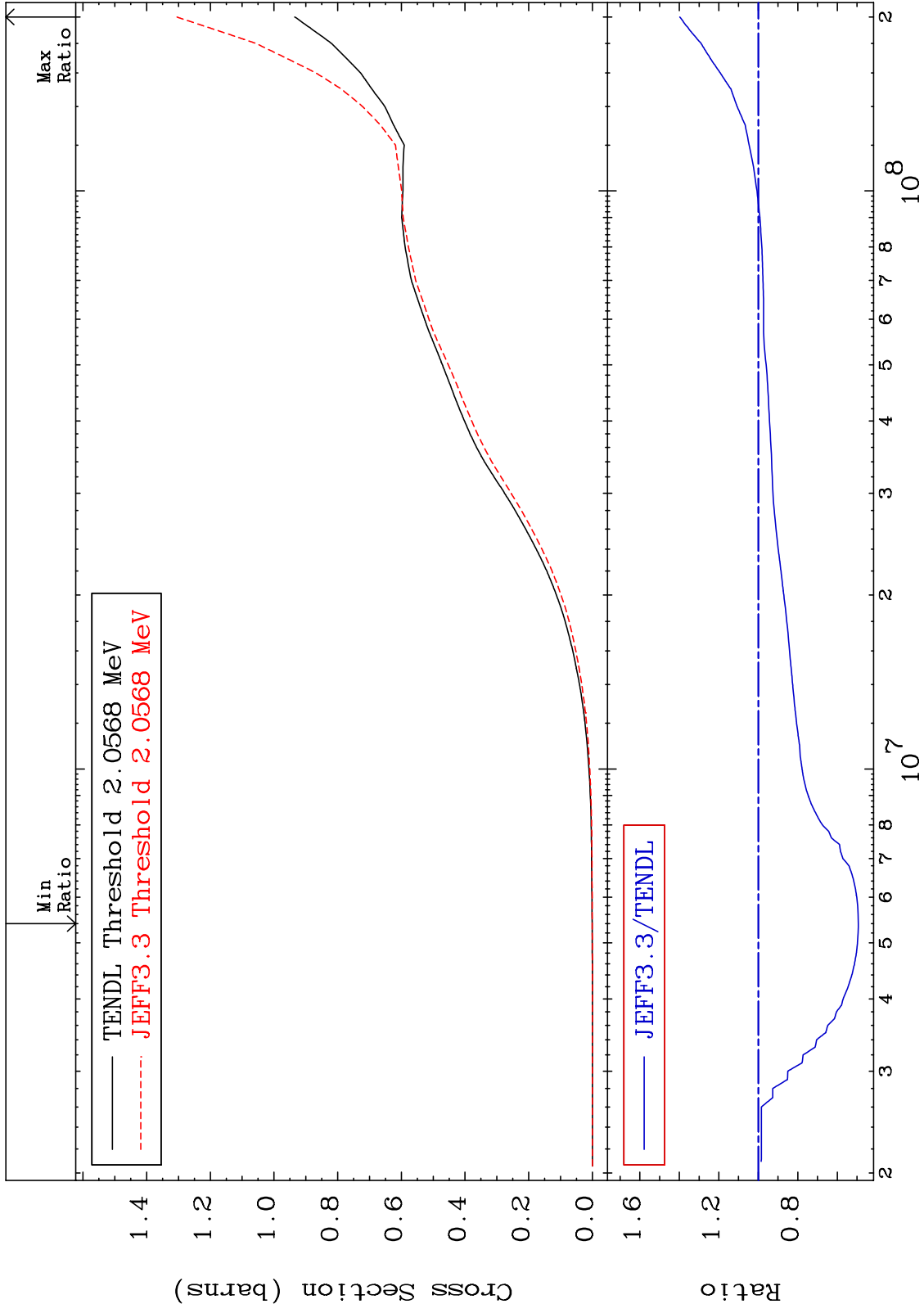
-3.404 To 977.8 %



MAT 3131

Hydrogen Production
Cross Section

31-Ga-71
-50.69 To 39.77 %



63

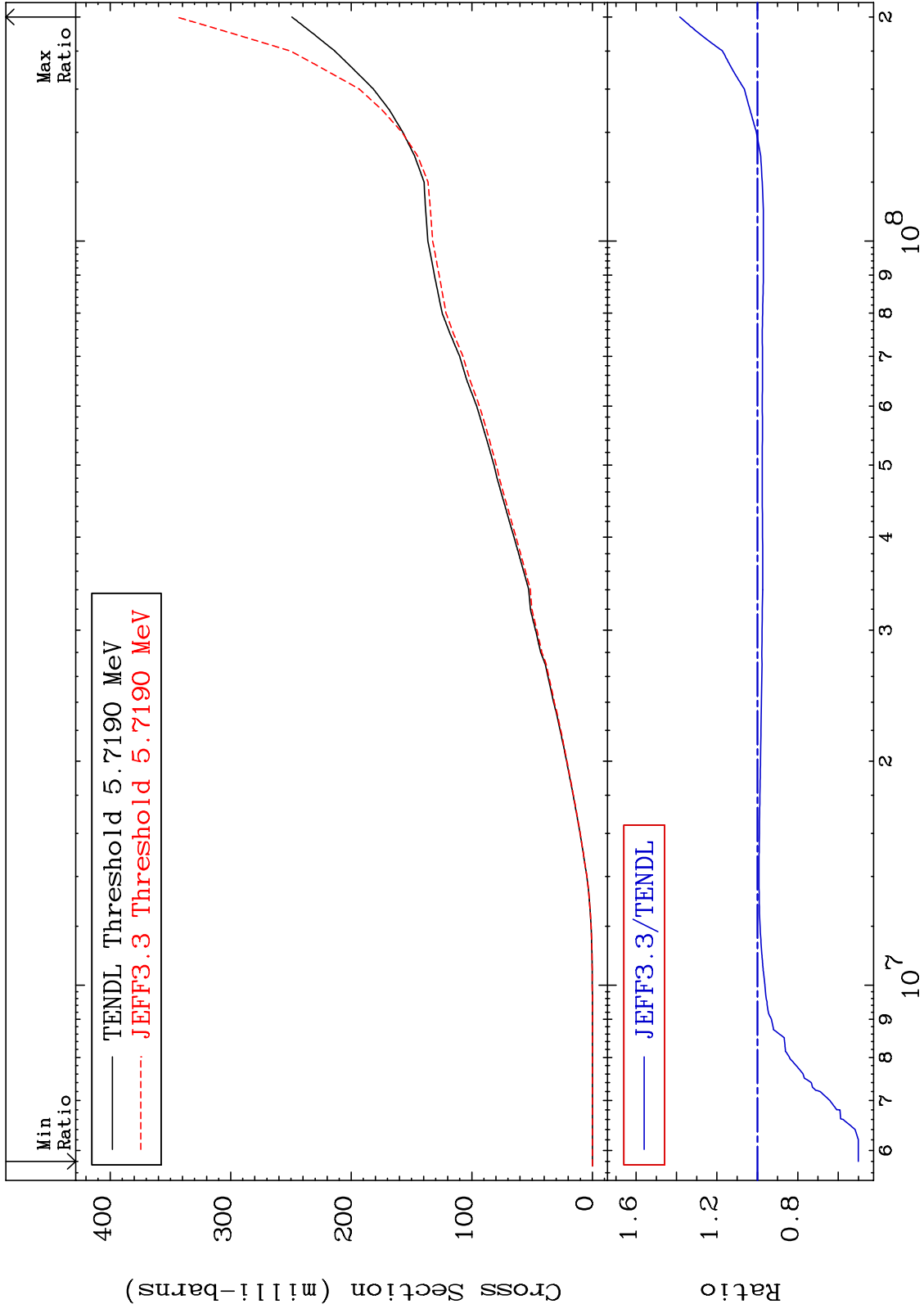
Incident Energy (eV)

31-Ga-71

MAT 3131

Deuterium Production
Cross Section

31-Ga-71
-49.96 To 38.38 %



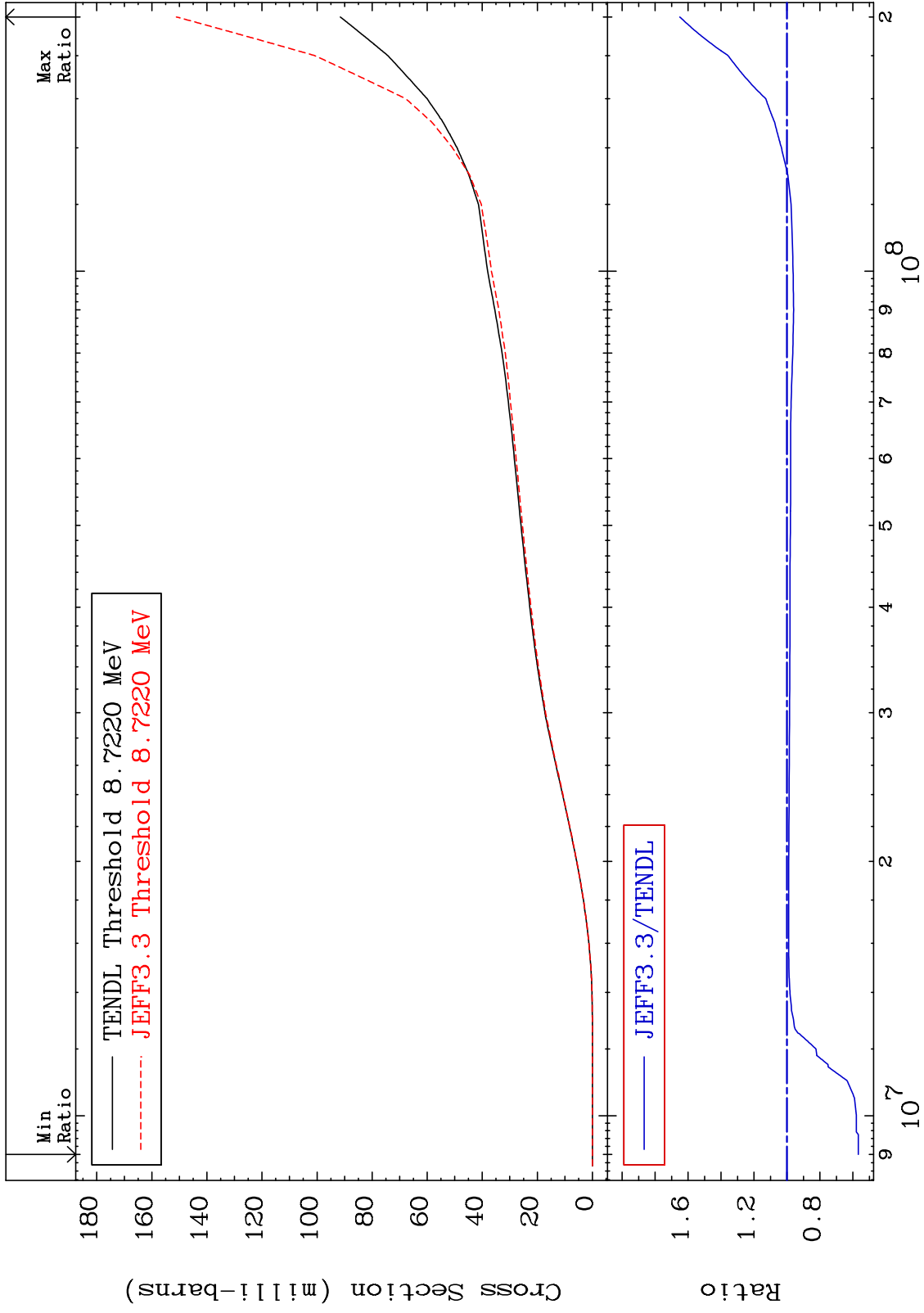
64

31-Ga-71

MAT 3131

Tritium Production
Cross Section

31-Ga-71
-43.32 To 65.02 %



65

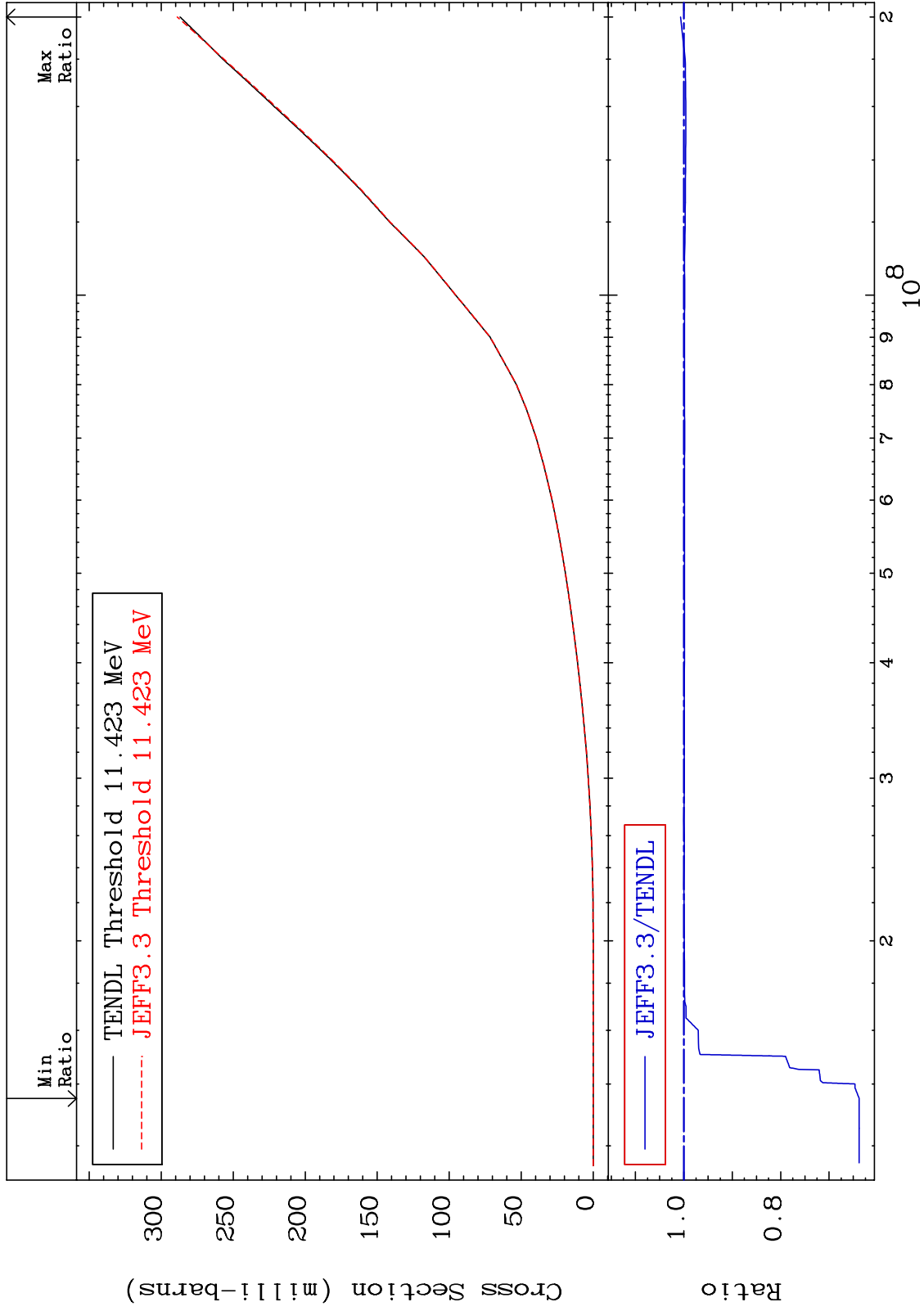
Incident Energy (eV)

31-Ga-71

MAT 3131

He-3 Production
Cross Section

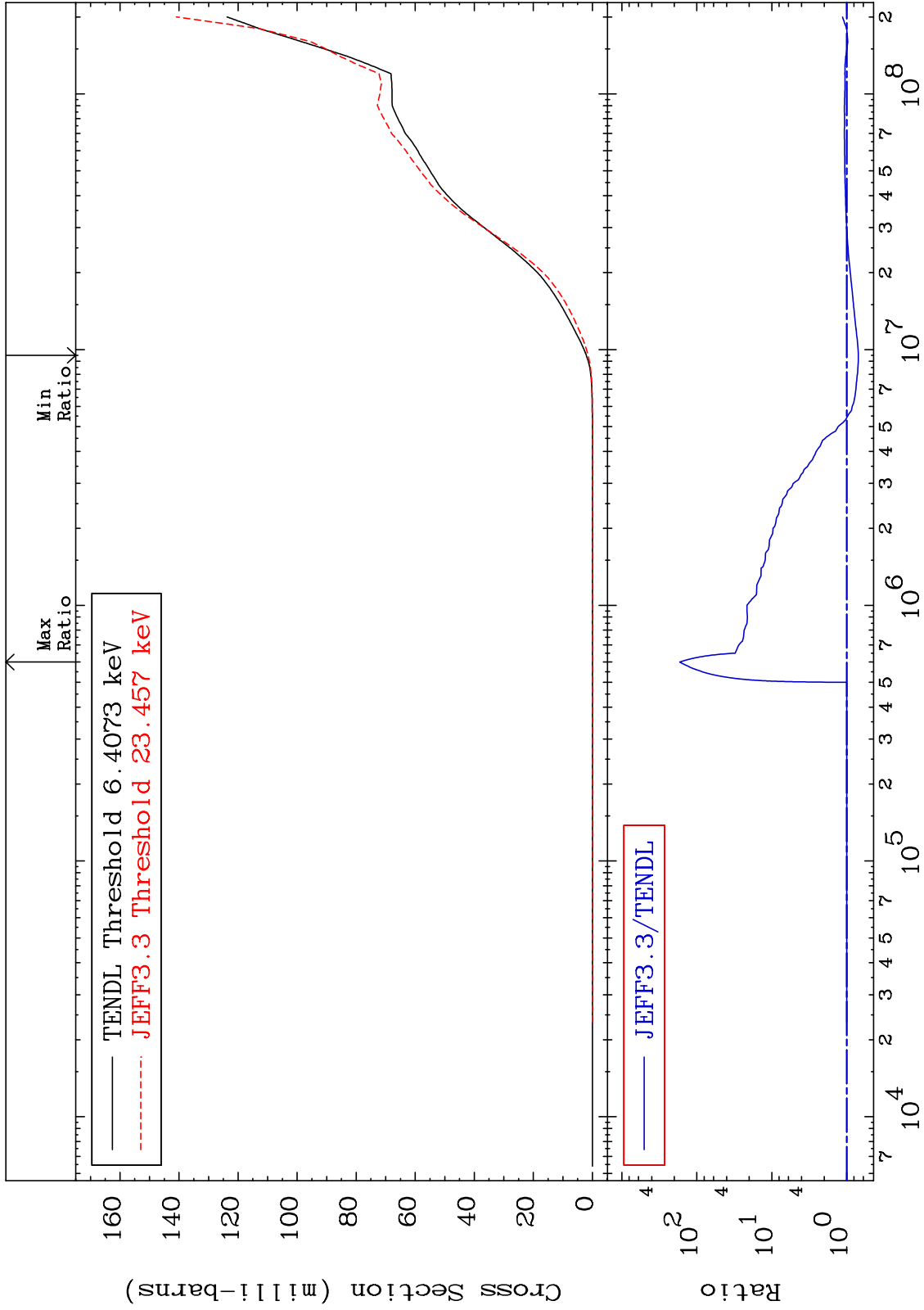
31-Ga-71
-36.21 To 0.671 %



MAT 3131

He-4 Production
Cross Section

31-Ga-71
-30.03 To 9999. %



67

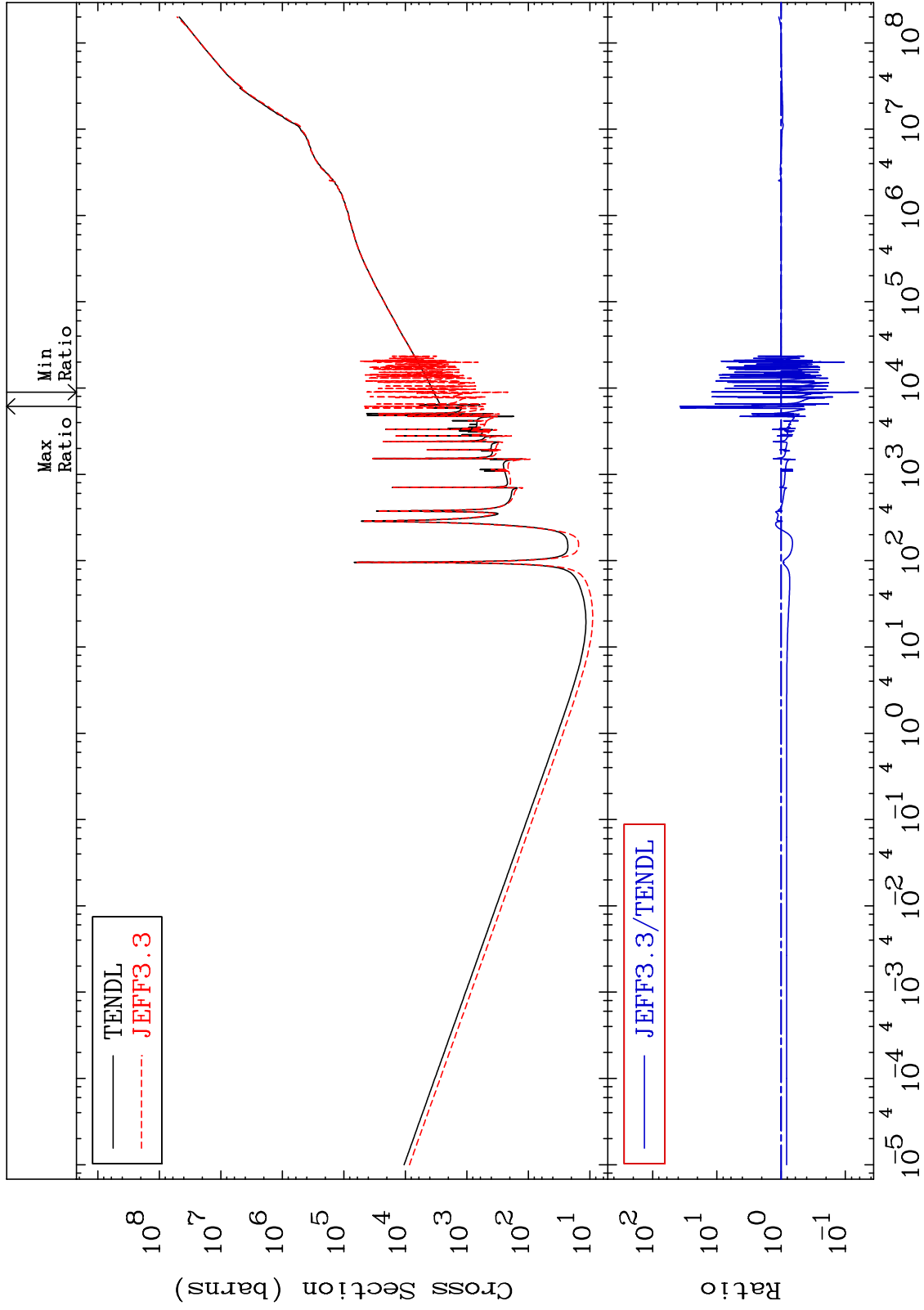
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma total (eV-barns)
Cross Section

31-Ga-71
-93.74 To 3642. %



68

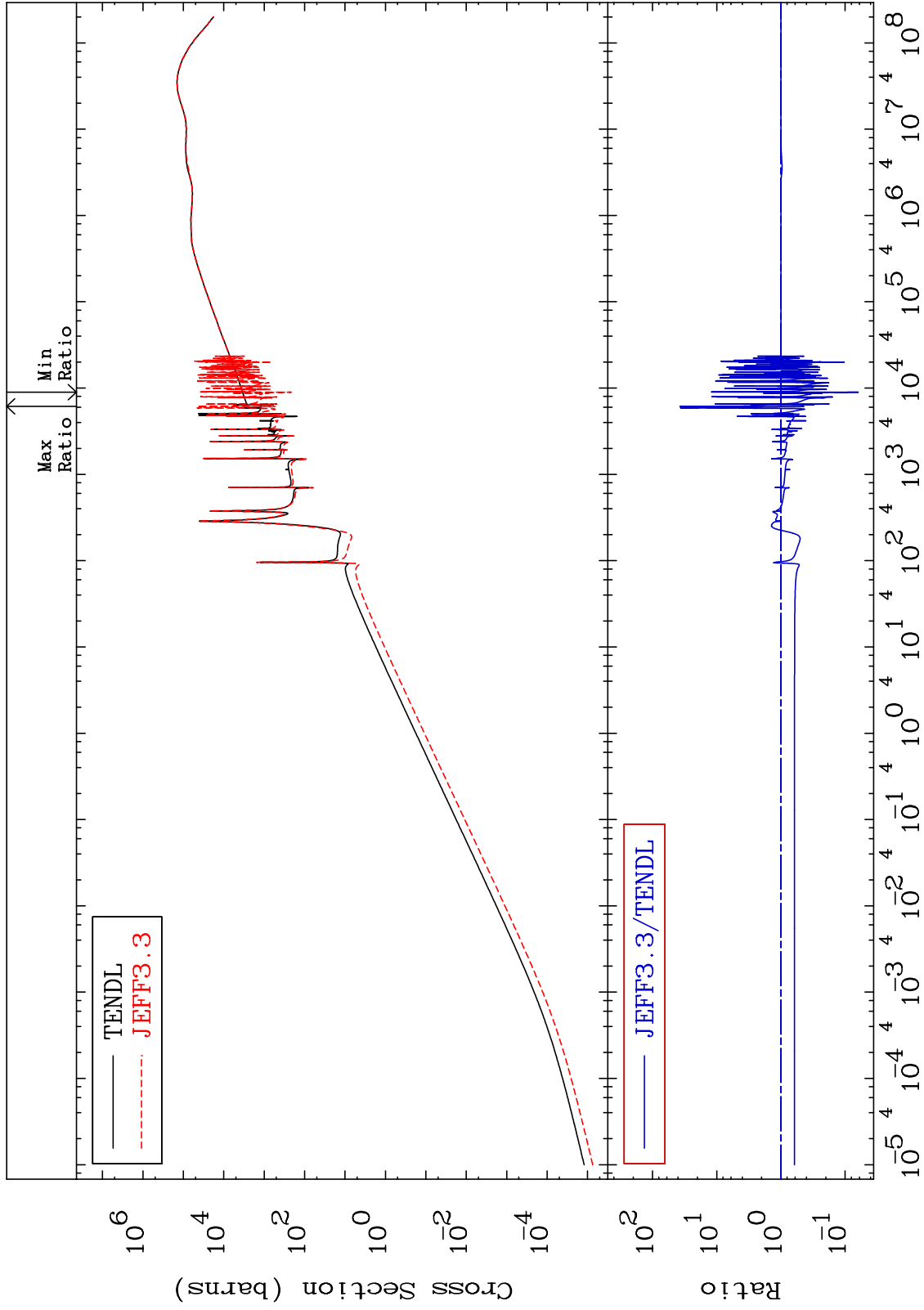
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma elastic
Cross Section

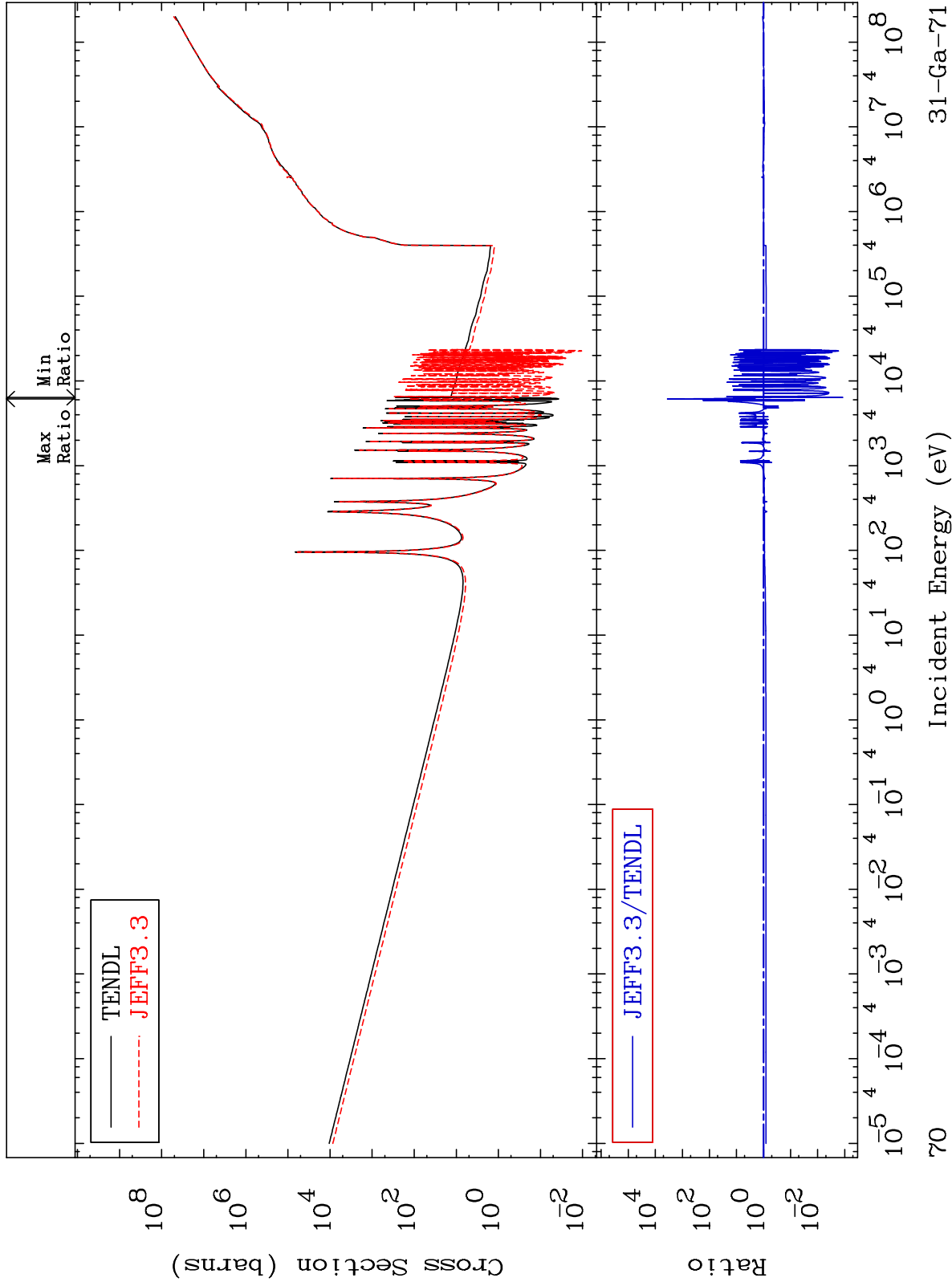
31-Ga-71
-93.79 To 3632. %



MAT 3131

Kerma non-elastic (all but mt2)
Cross Section

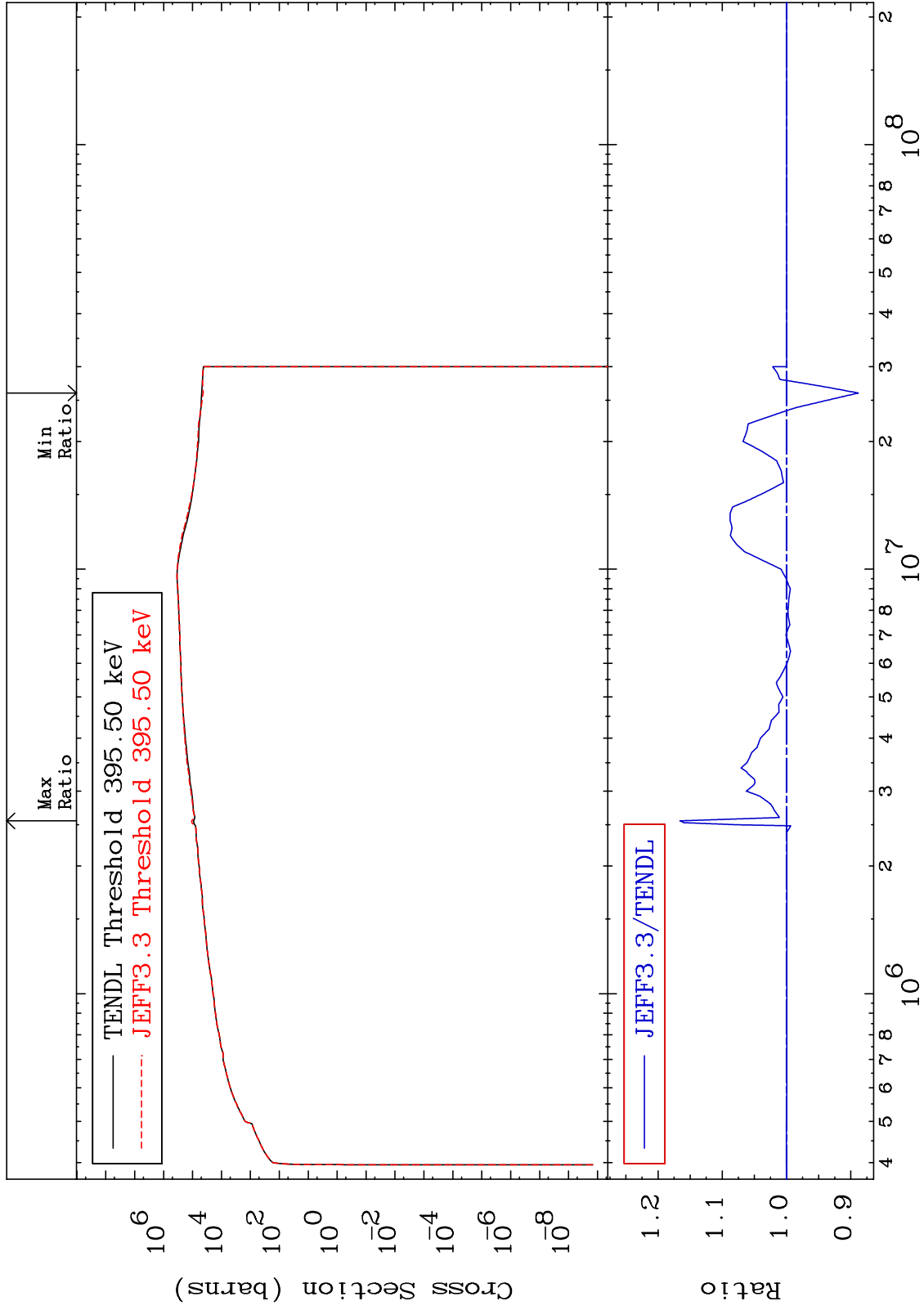
31-Ga-71
-99.88 To 9999. %



MAT 3131

Kerma inelastic (mt51-91)
Cross Section

31-Ga-71
-11.19 To 16.58 %



71

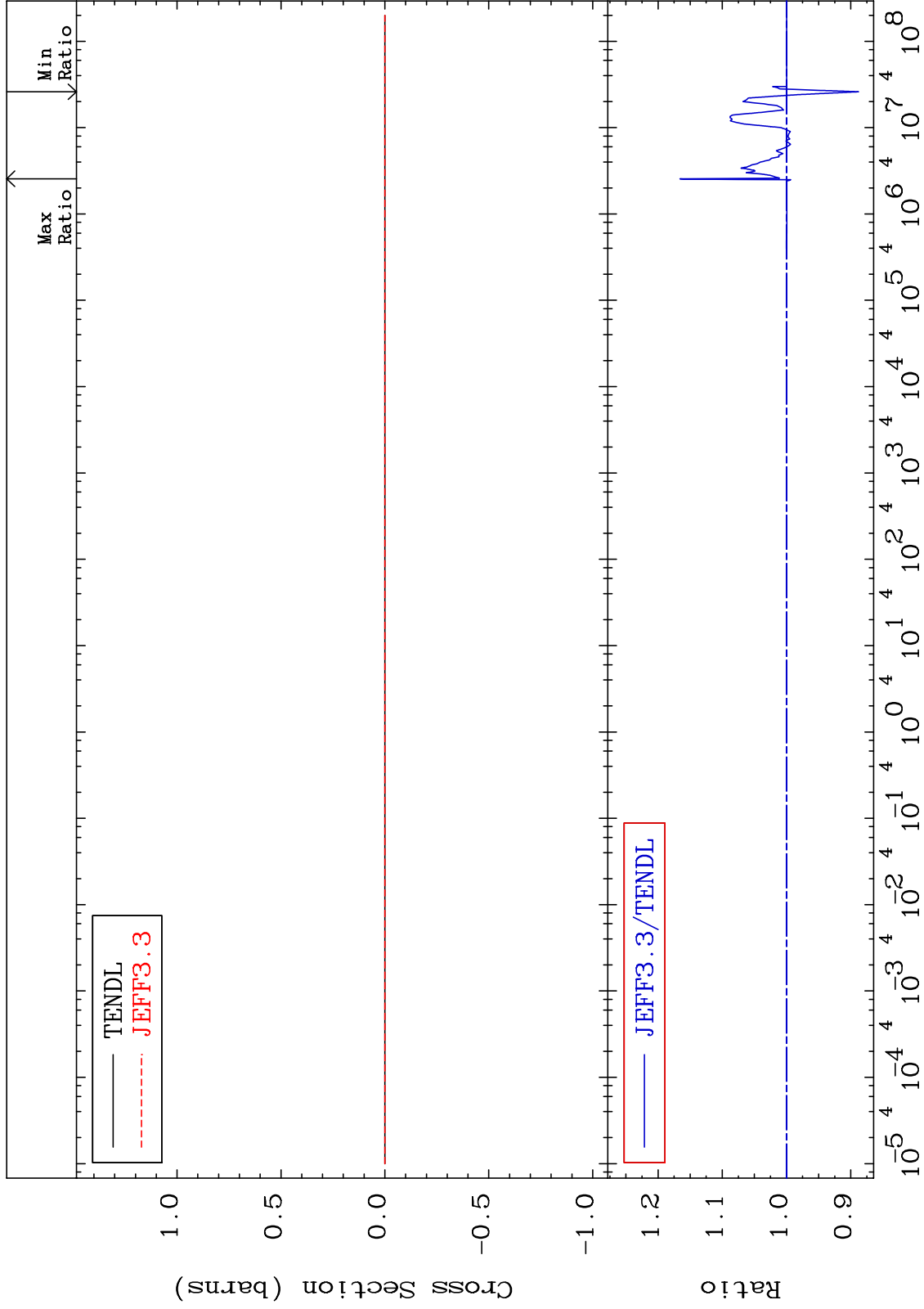
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-11.19 To 16.58 %



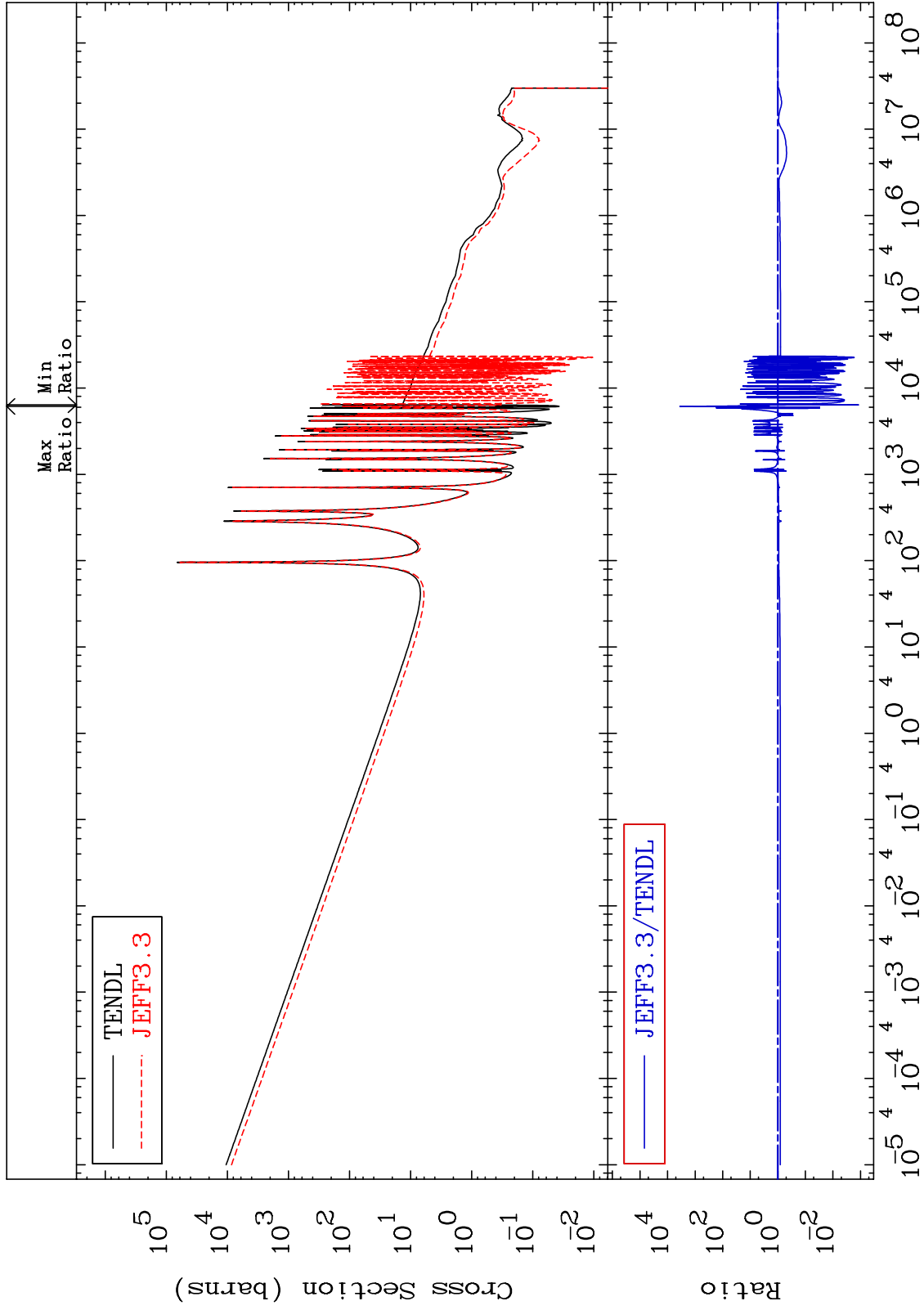
72

31-Ga-71

MAT 3131

Kerma capture (mt102)
Cross Section

31-Ga-71
-99.88 To 9999. %



73

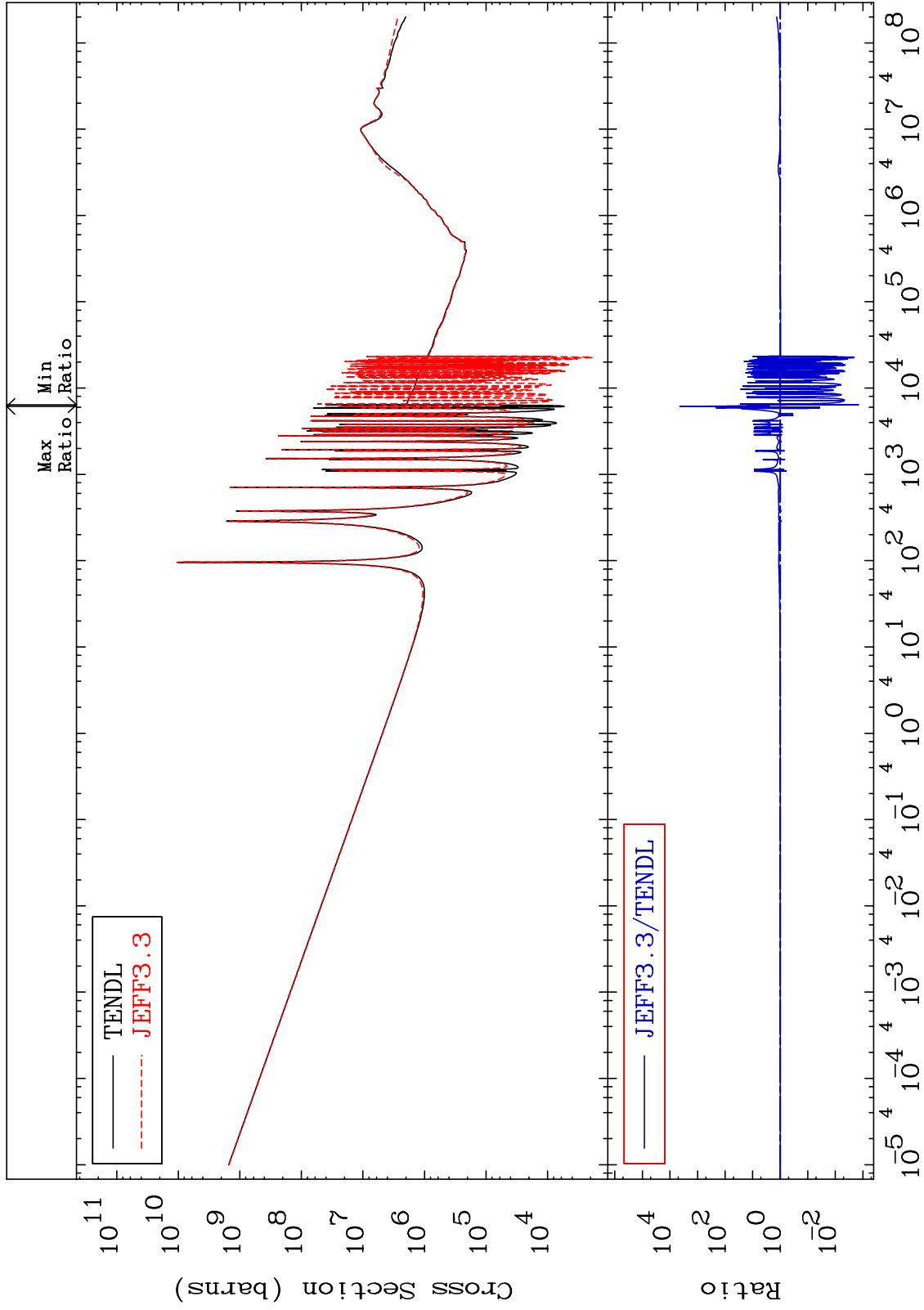
Incident Energy (eV)

31-Ga-71

MAT 3131

Total photon (eV-barns)
Cross Section

31-Ga-71
-99.85 To 9999. %



74

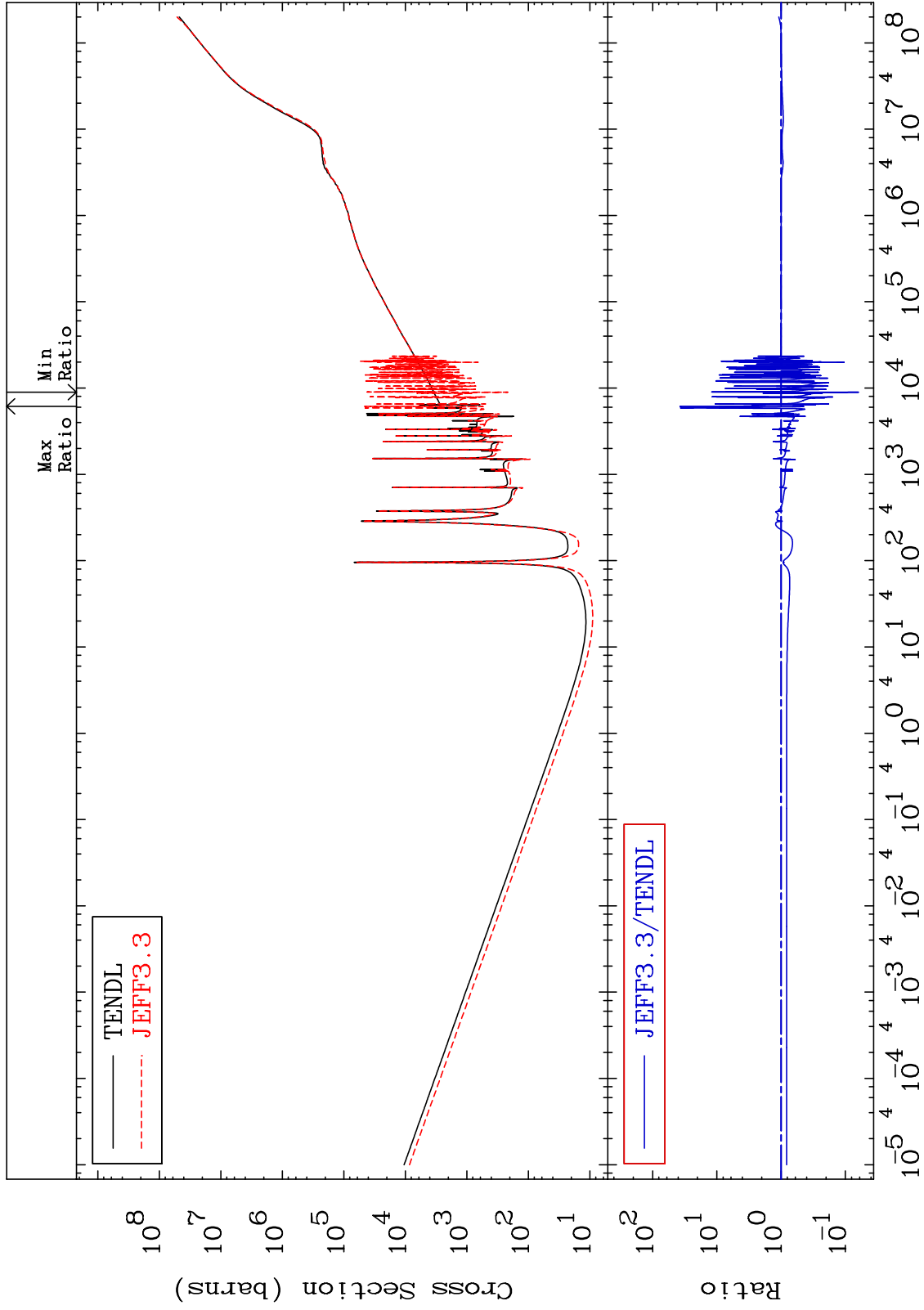
Incident Energy (eV)

31-Ga-71

MAT 3131

Total kinematic kerma (high limit)
Cross Section

31-Ga-71
-93.74 To 3642. %



75

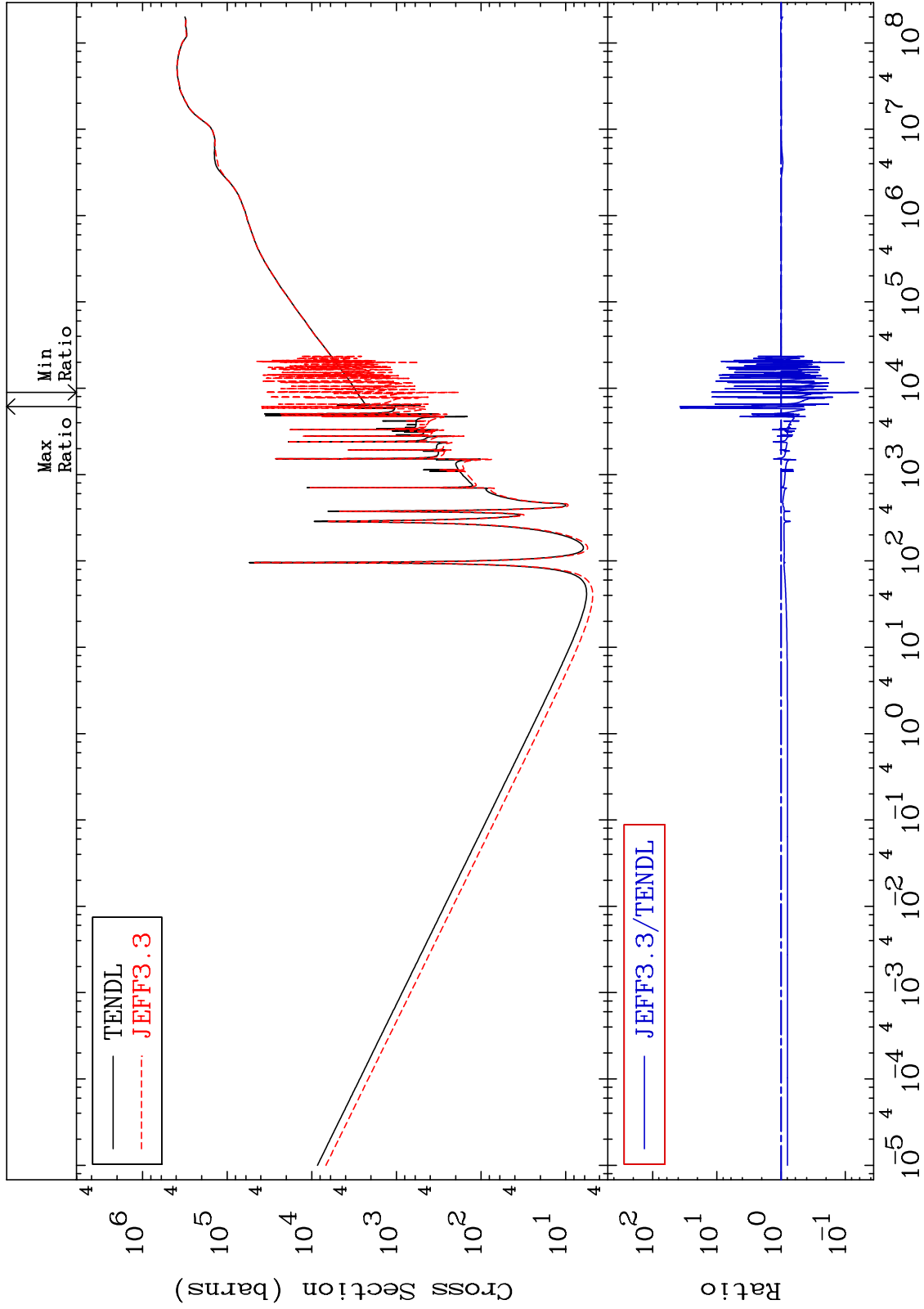
Incident Energy (eV)

31-Ga-71

MAT 3131

Dpa total (eV-barns)
Cross Section

31-Ga-71
-93.74 To 3641. %



76

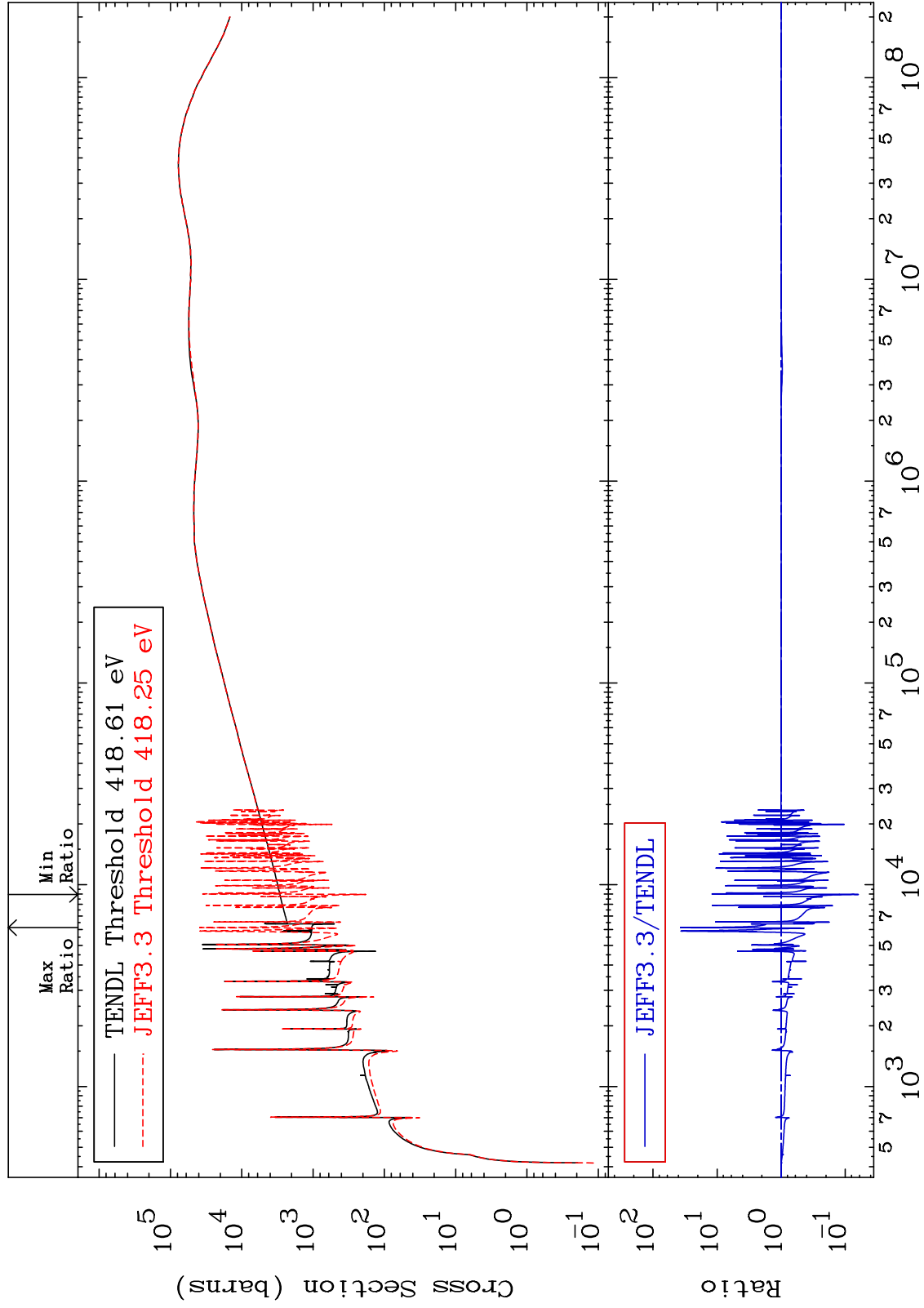
Incident Energy (eV)

31-Ga-71

MAT 3131

Dpa elastic (mt2)
Cross Section

31-Ga-71
-93.79 To 3632. %



77

Incident Energy (eV)

31-Ga-71

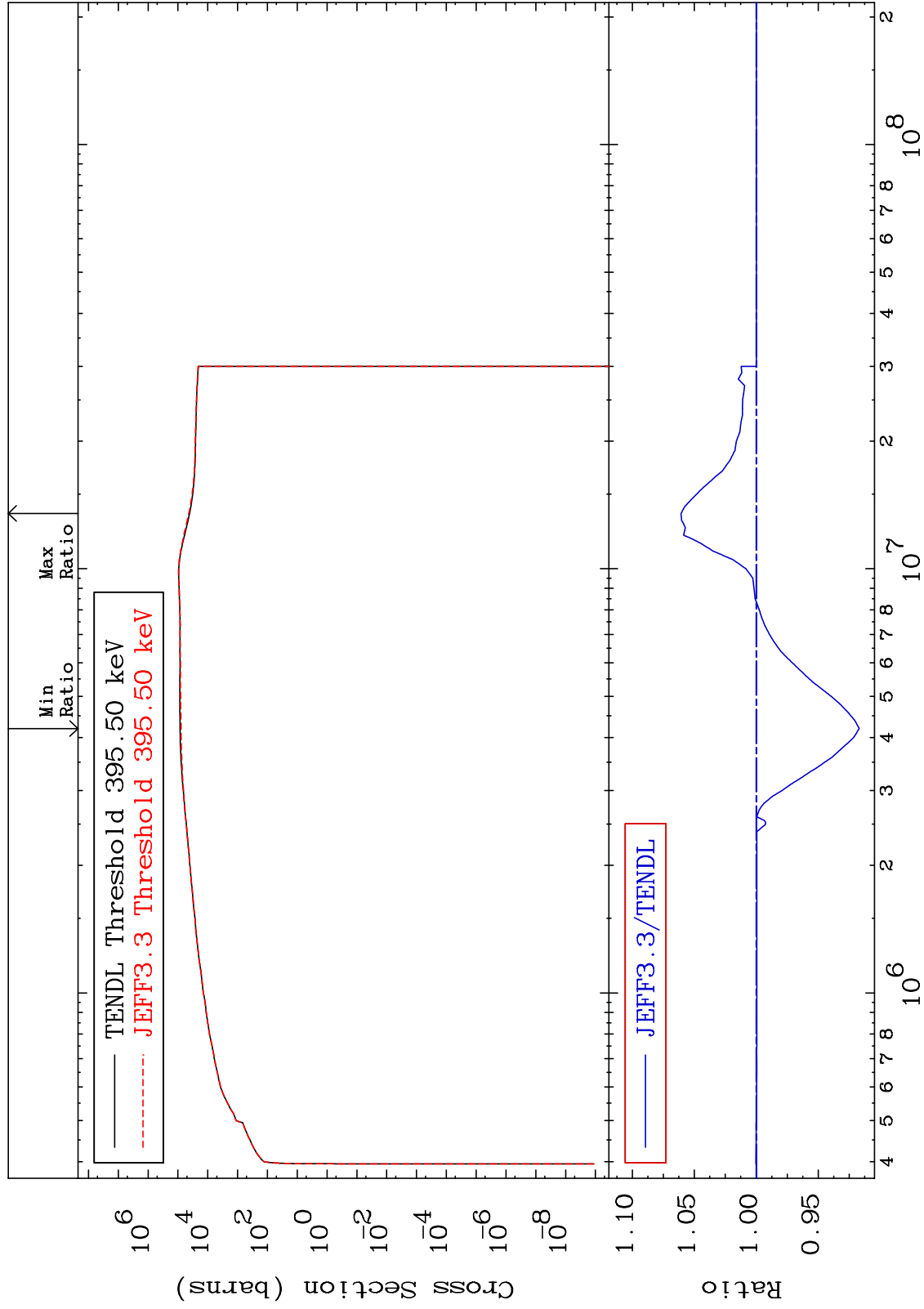
MAT 3131

Dpa inelastic (mt51-91)

31-Ga-71

-8.310 To 6.070 %

Cross Section



78

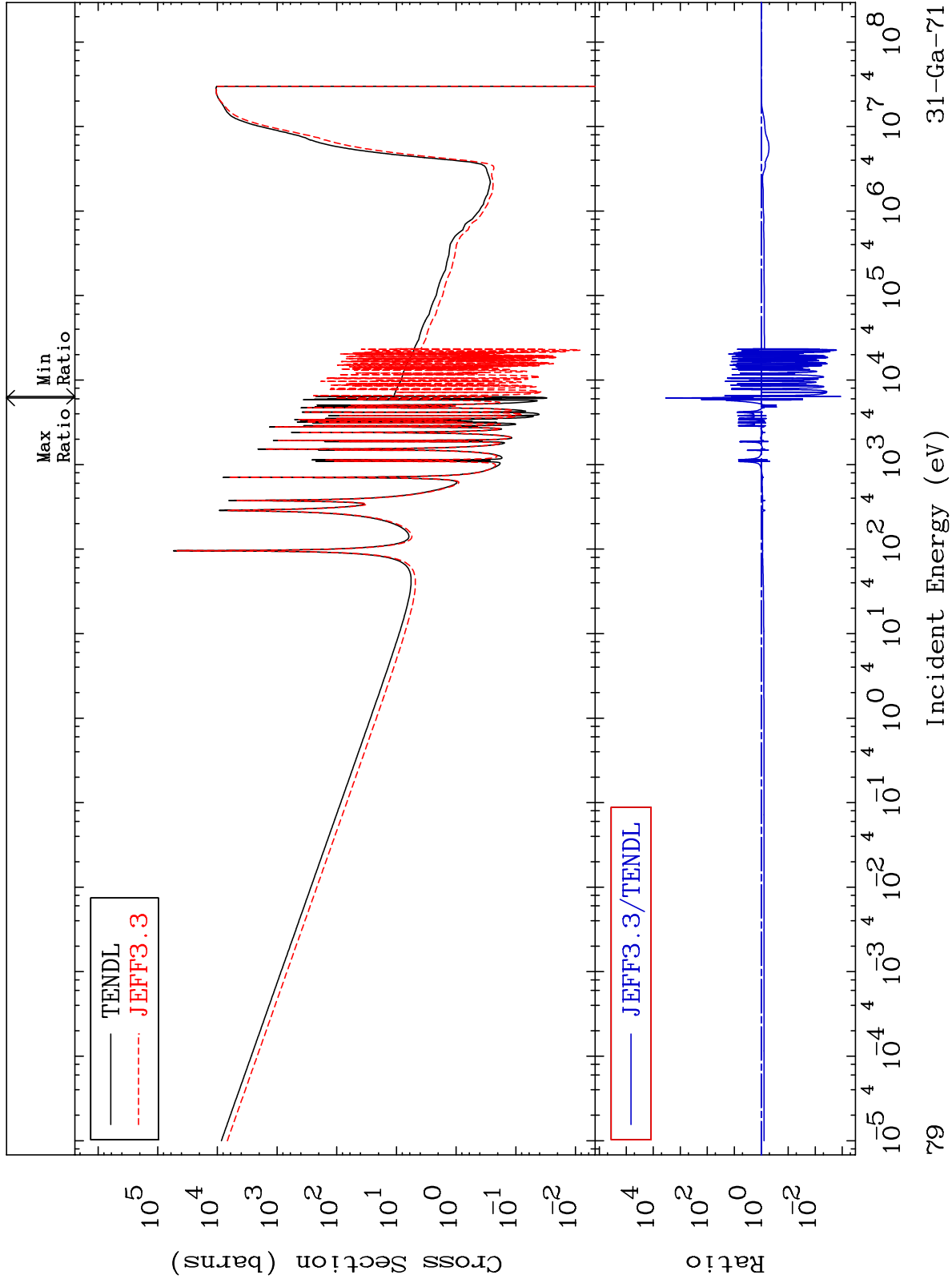
Incident Energy (eV)

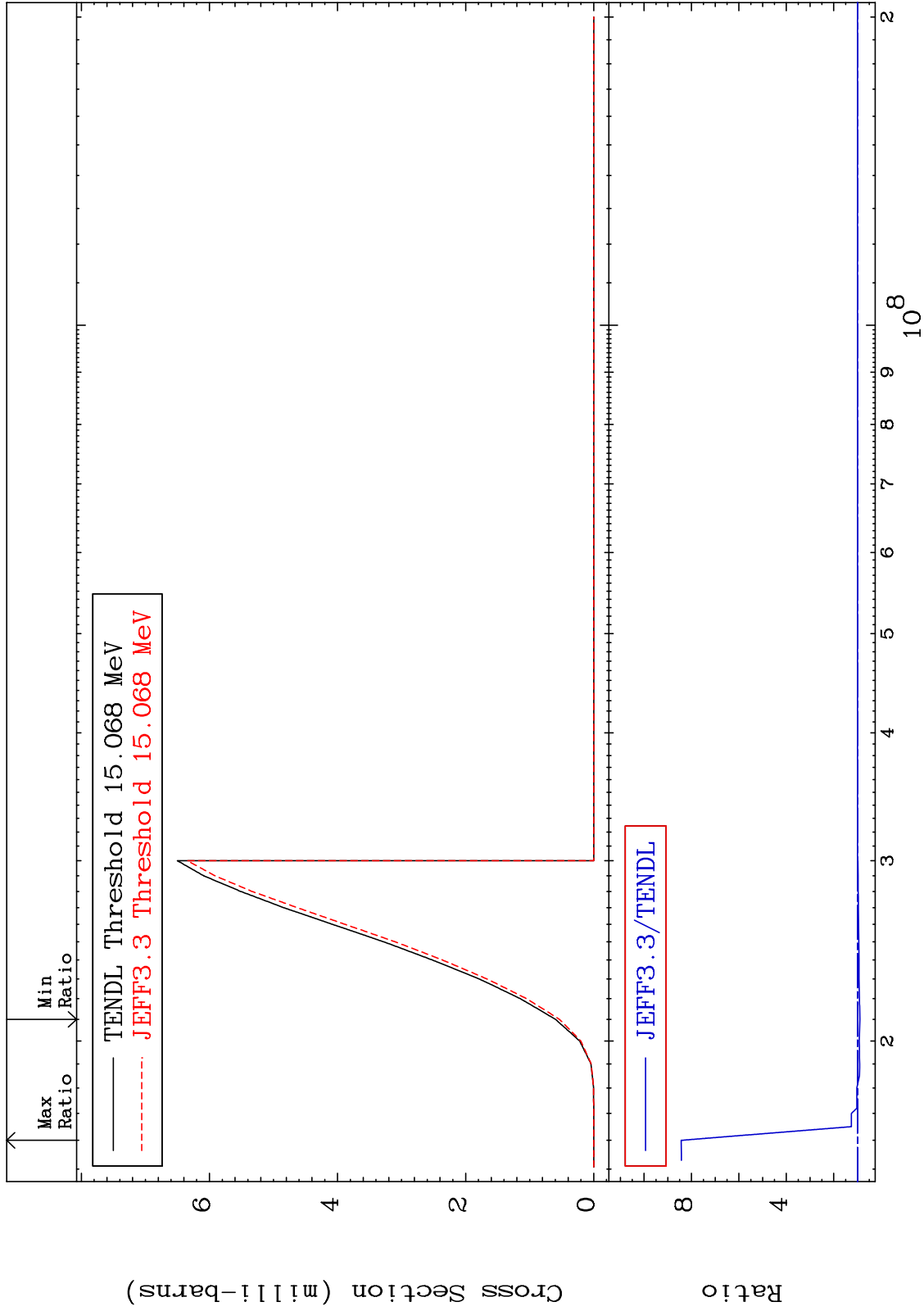
31-Ga-71

MAT 3131

Dpa disappearance (mt102 -120)
Cross Section

31-Ga-71
-99.88 To 9999. %



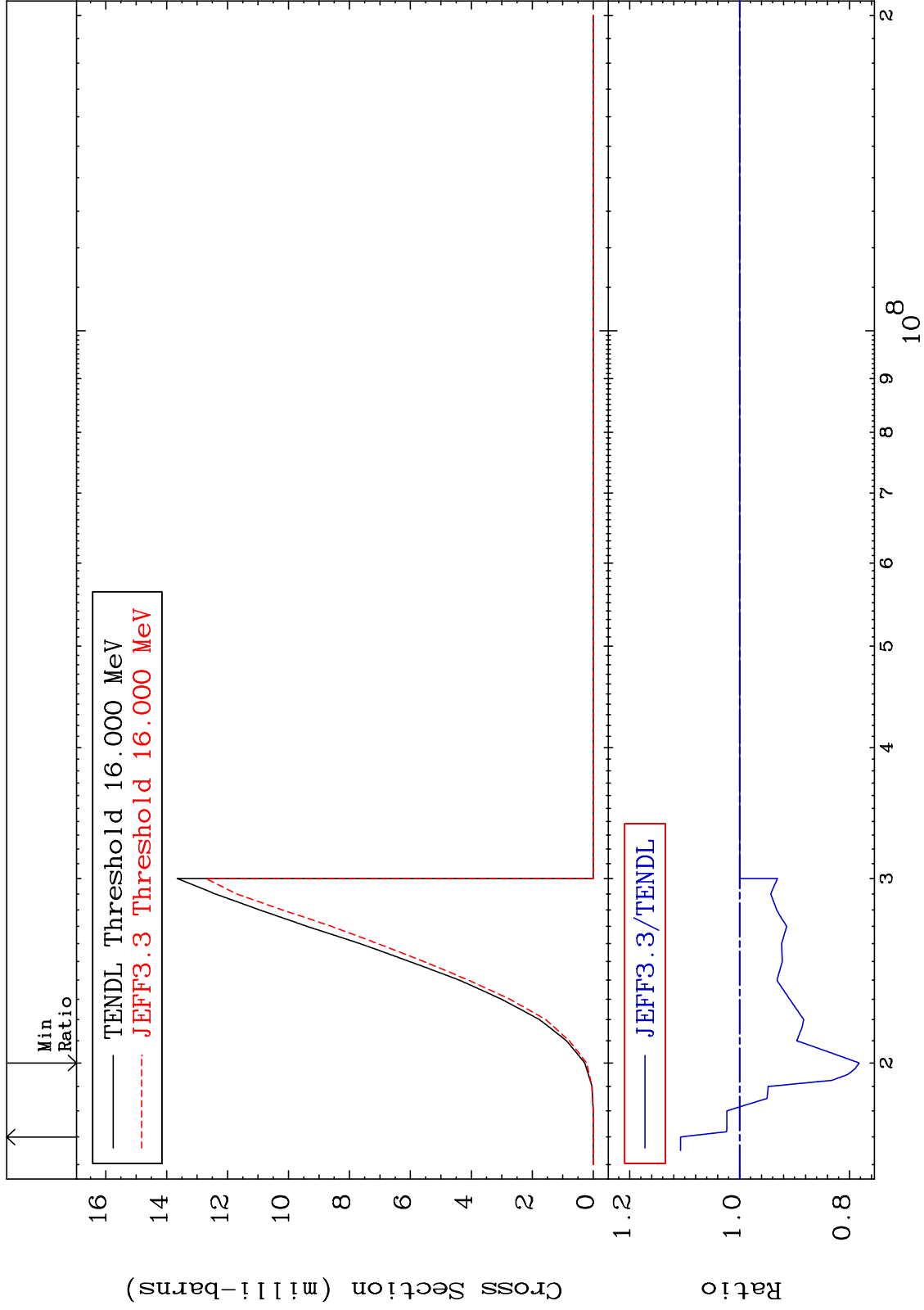


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -21.76 To 10.75 %



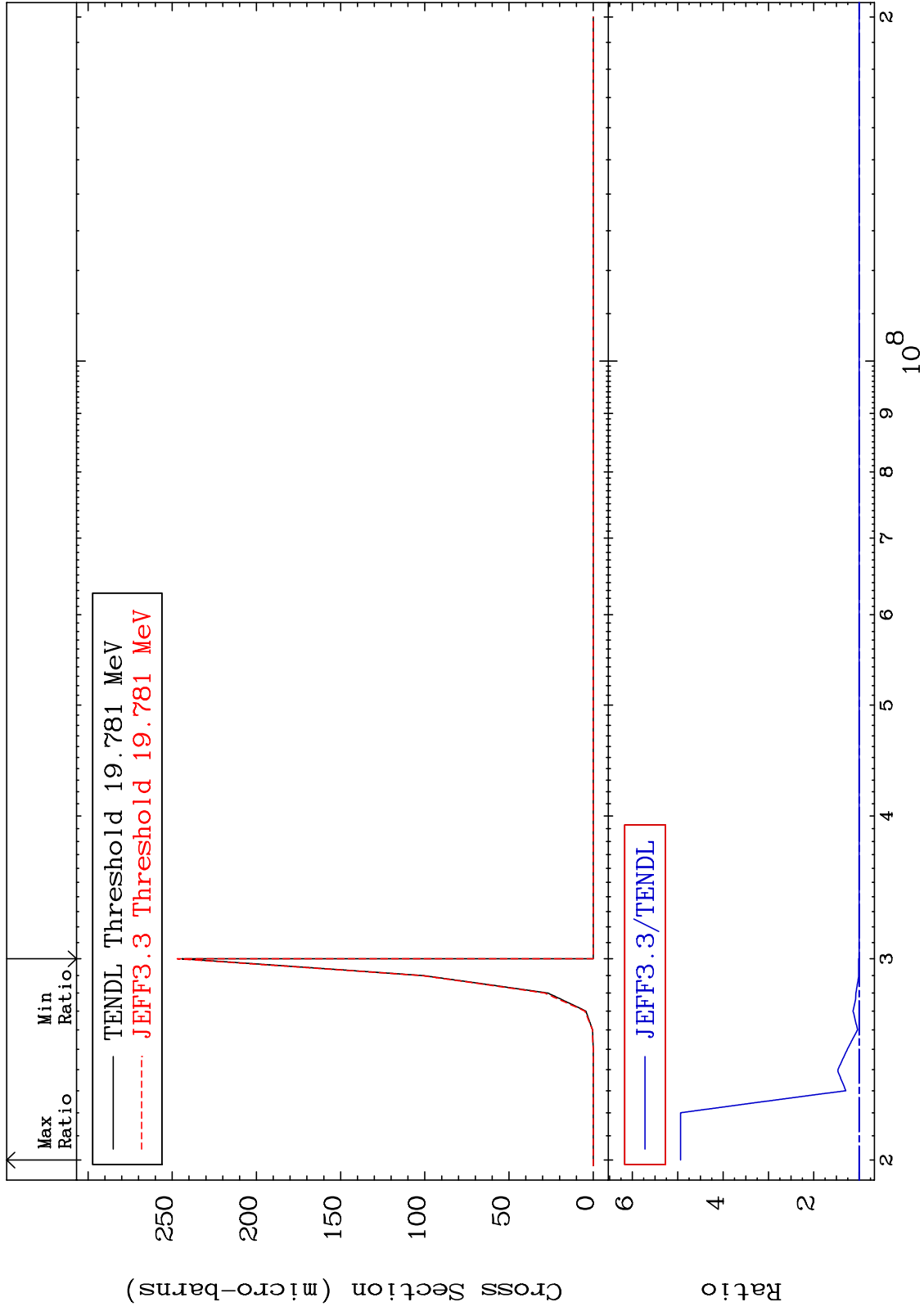
81

Incident Energy (eV)

31-Ga-71

MAT 3131

(n, n') He-3:29-Cu-68g 31-Ga-71
Radionuclide Production Cross Section 0.000 To 393.5 %

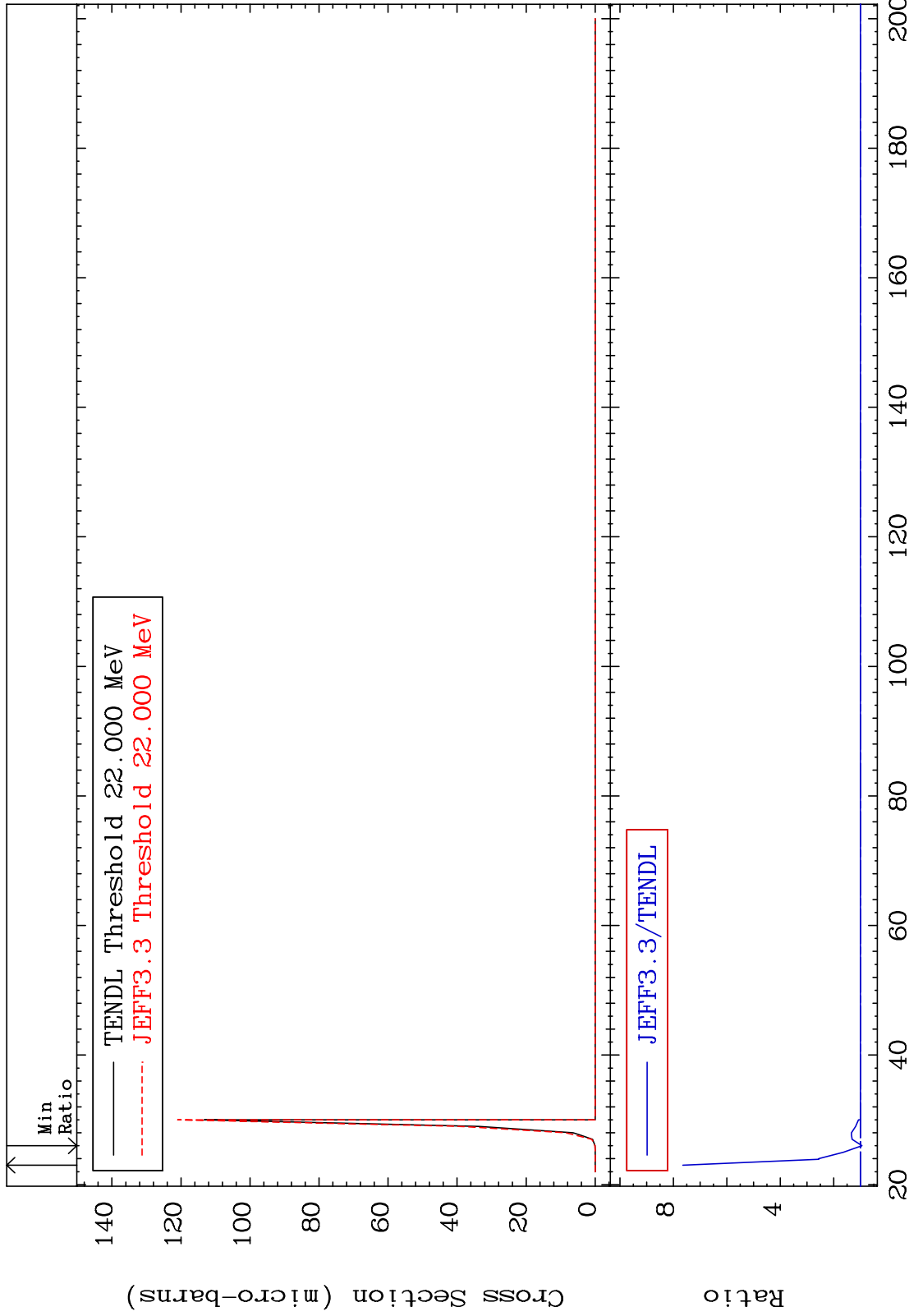


MAT 3131

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

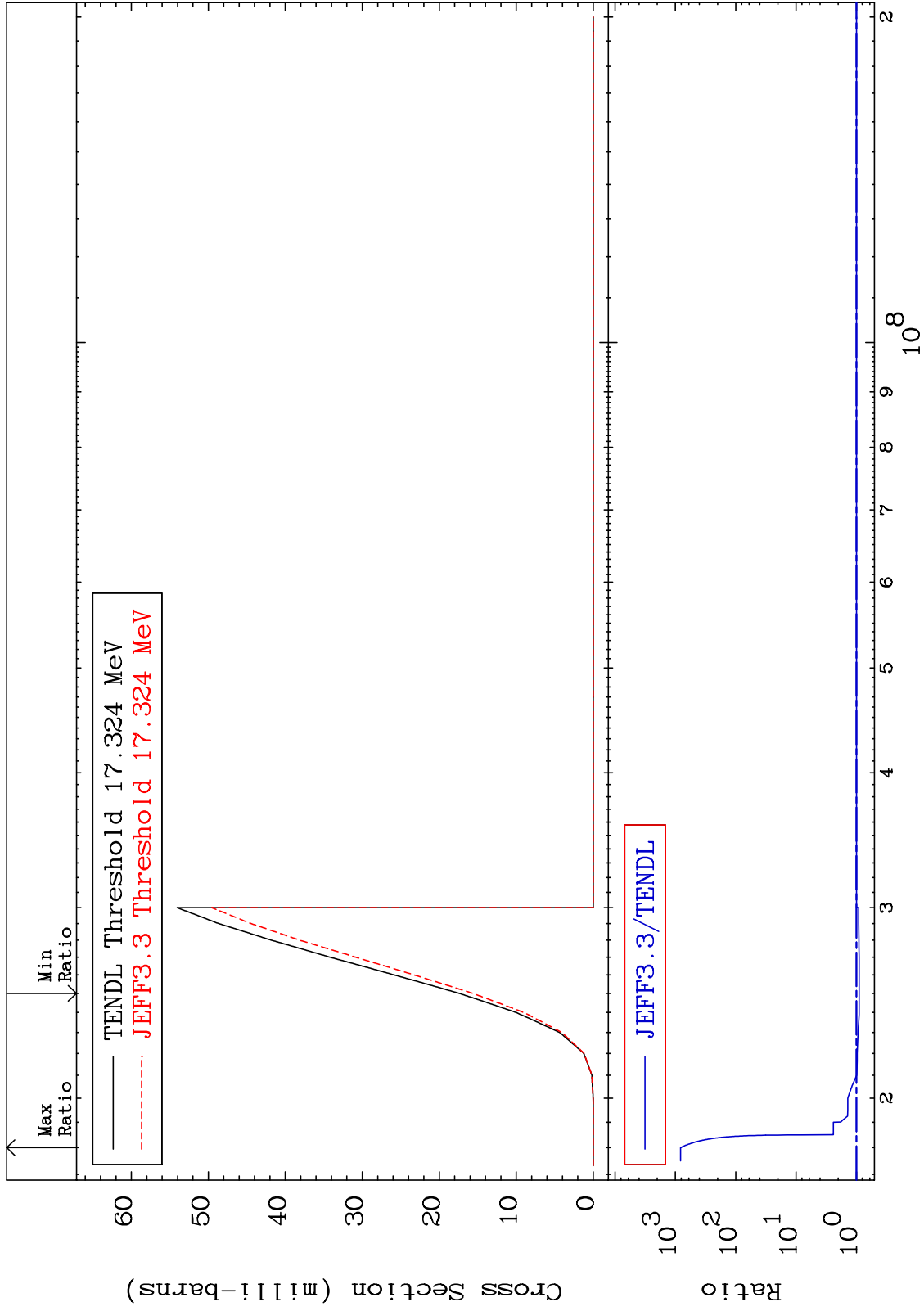
31-Ga-71

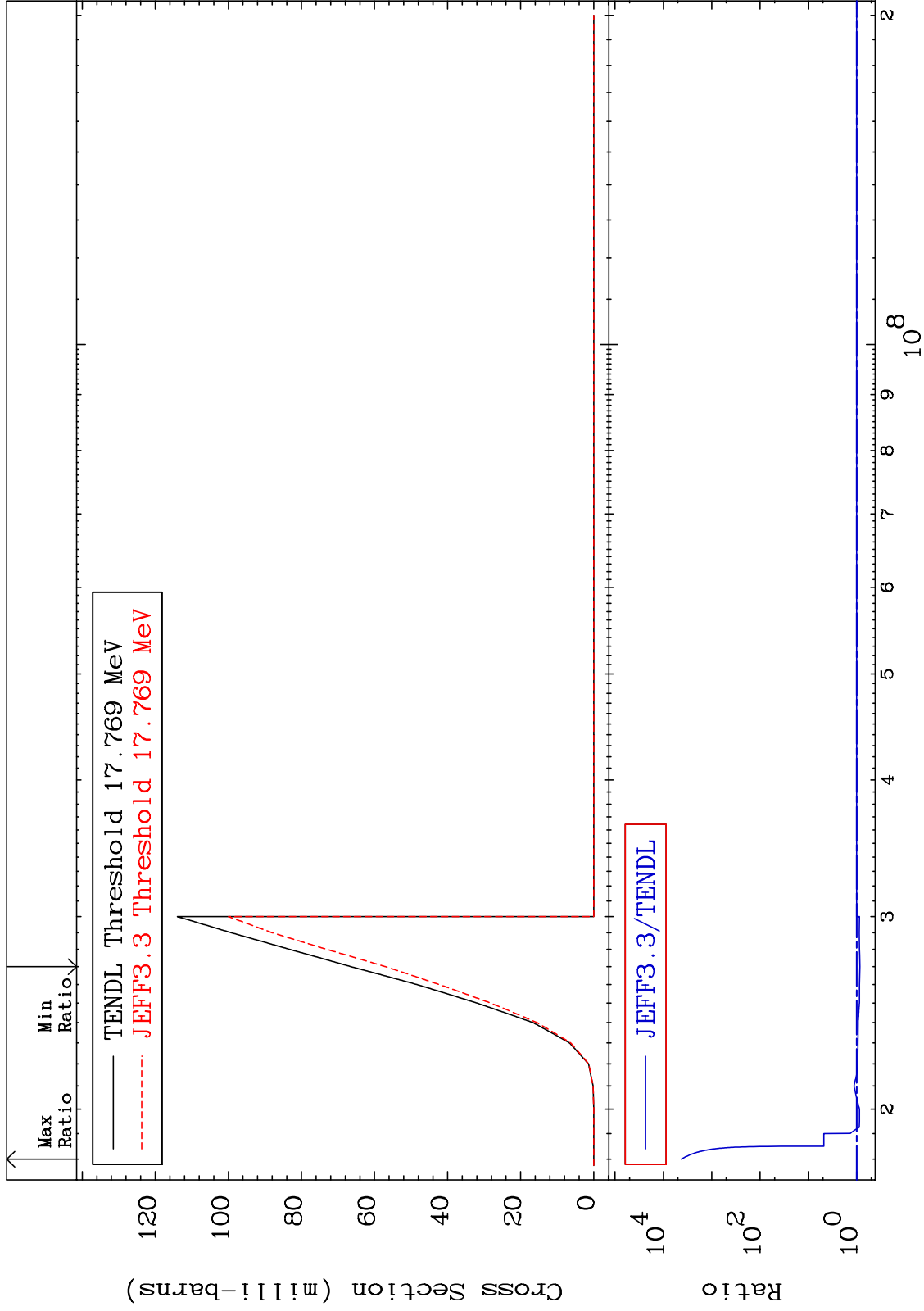
Radionuclide Production Cross Section -6.267 To 664.1 %



83

31-Ga-71



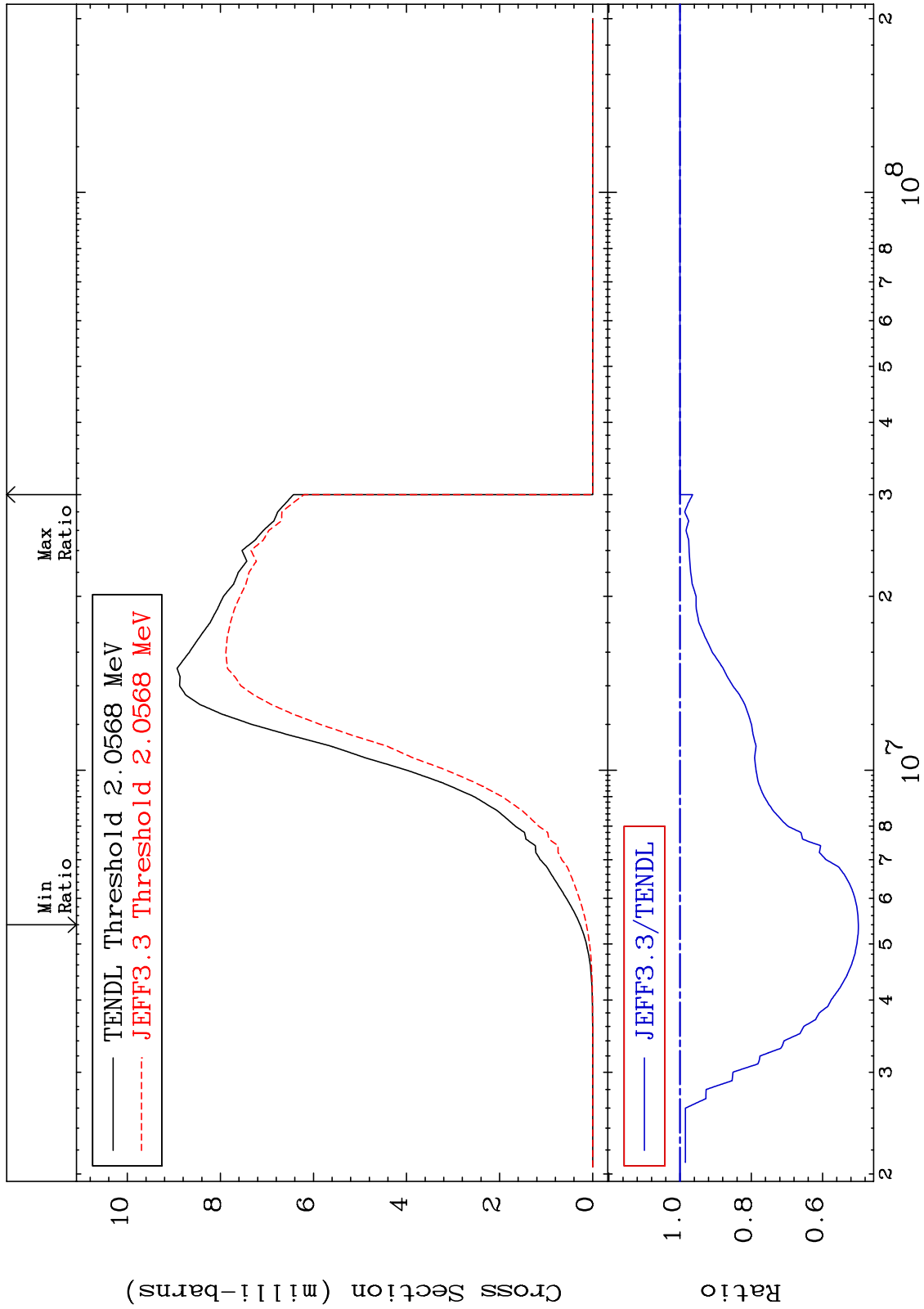


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -50.09 To 0.000 %

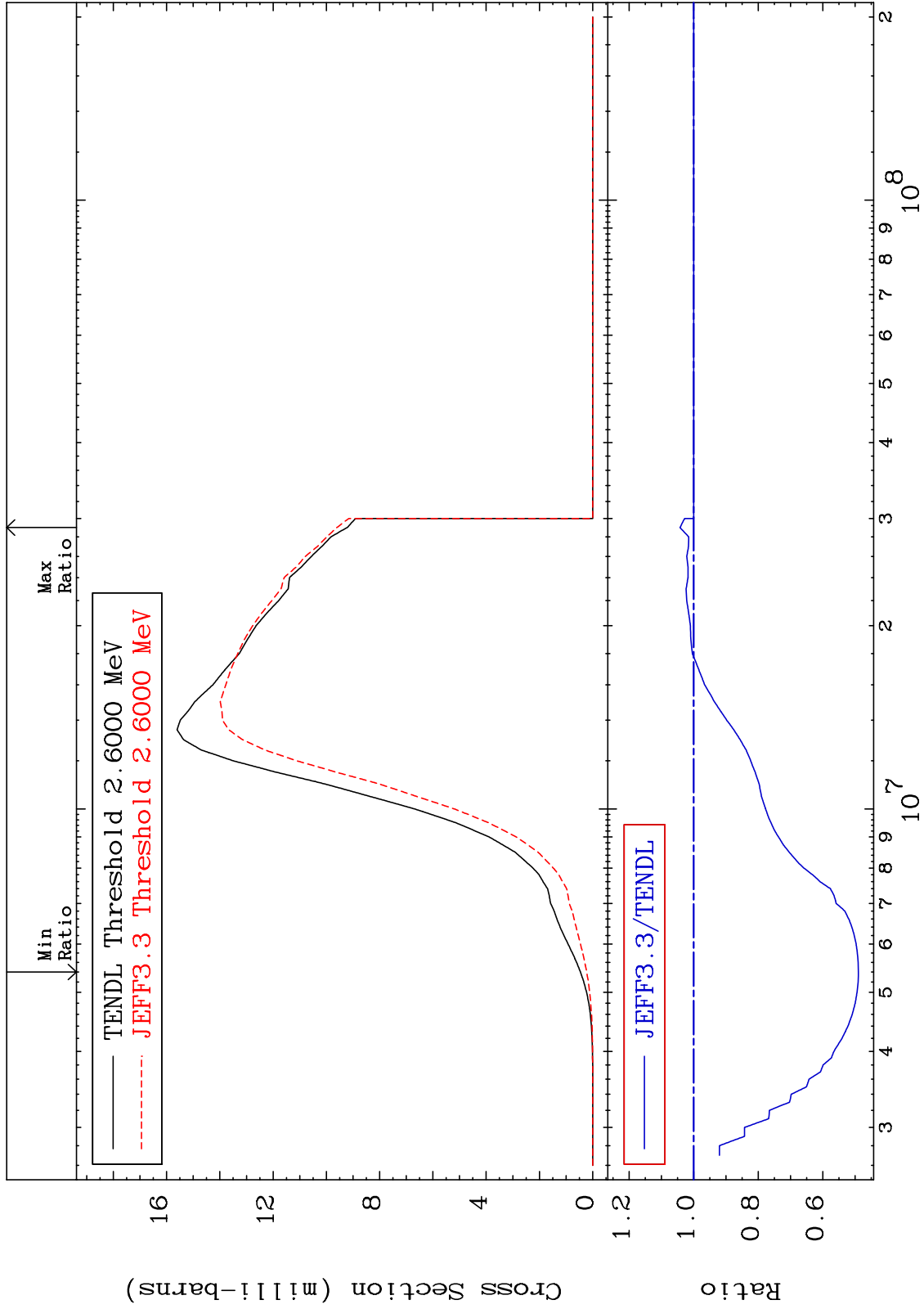


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -51.04 To 4.233 %



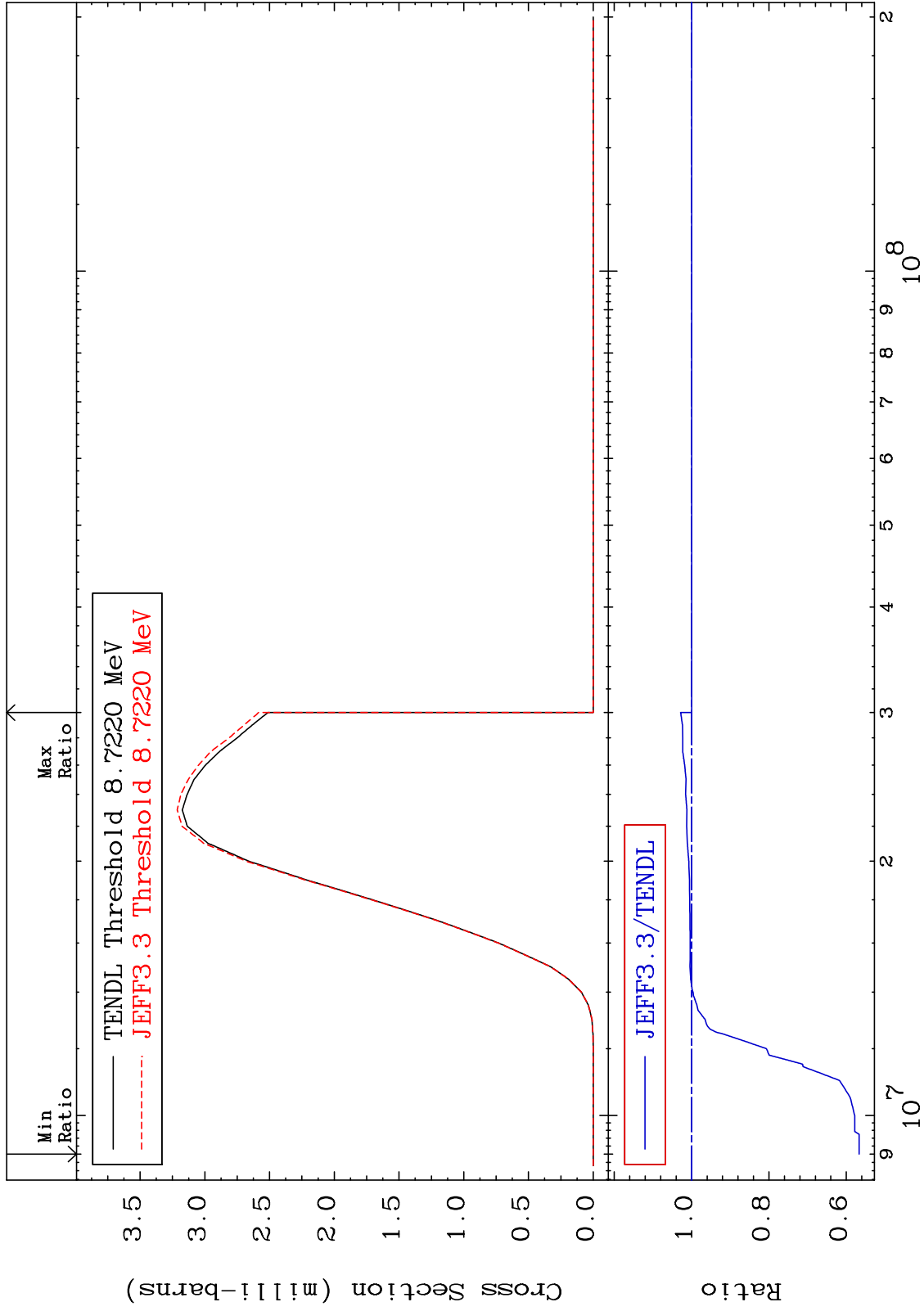
87

Incident Energy (eV)

31-Ga-71

MAT 3131

(n, t) : 30-Zn-69g 31-Ga-71
Radionuclide Production Cross Section -43.32 To 2.846 %



88

Incident Energy (eV)

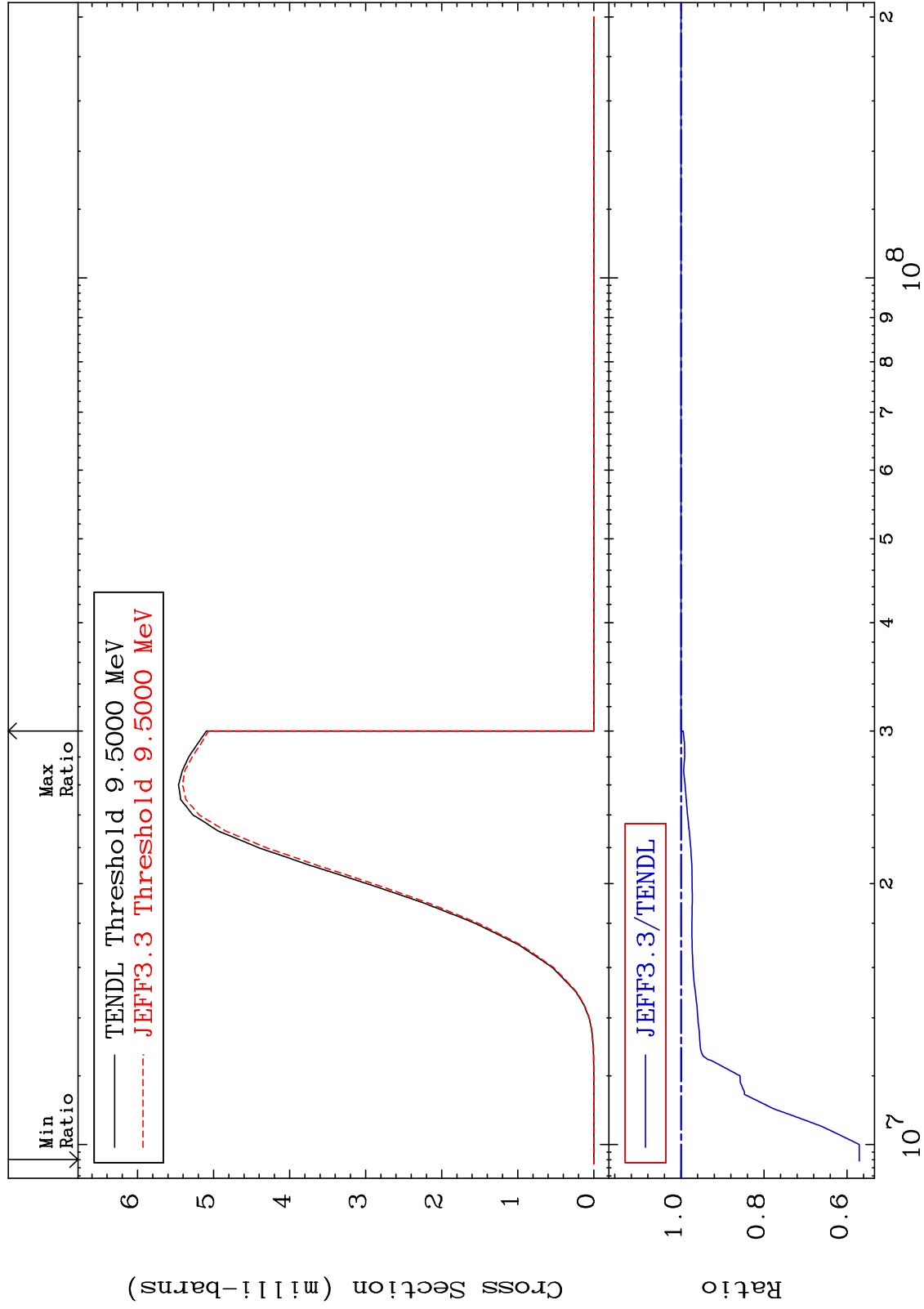
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -42.98 To 0.000 %



89

Incident Energy (eV)

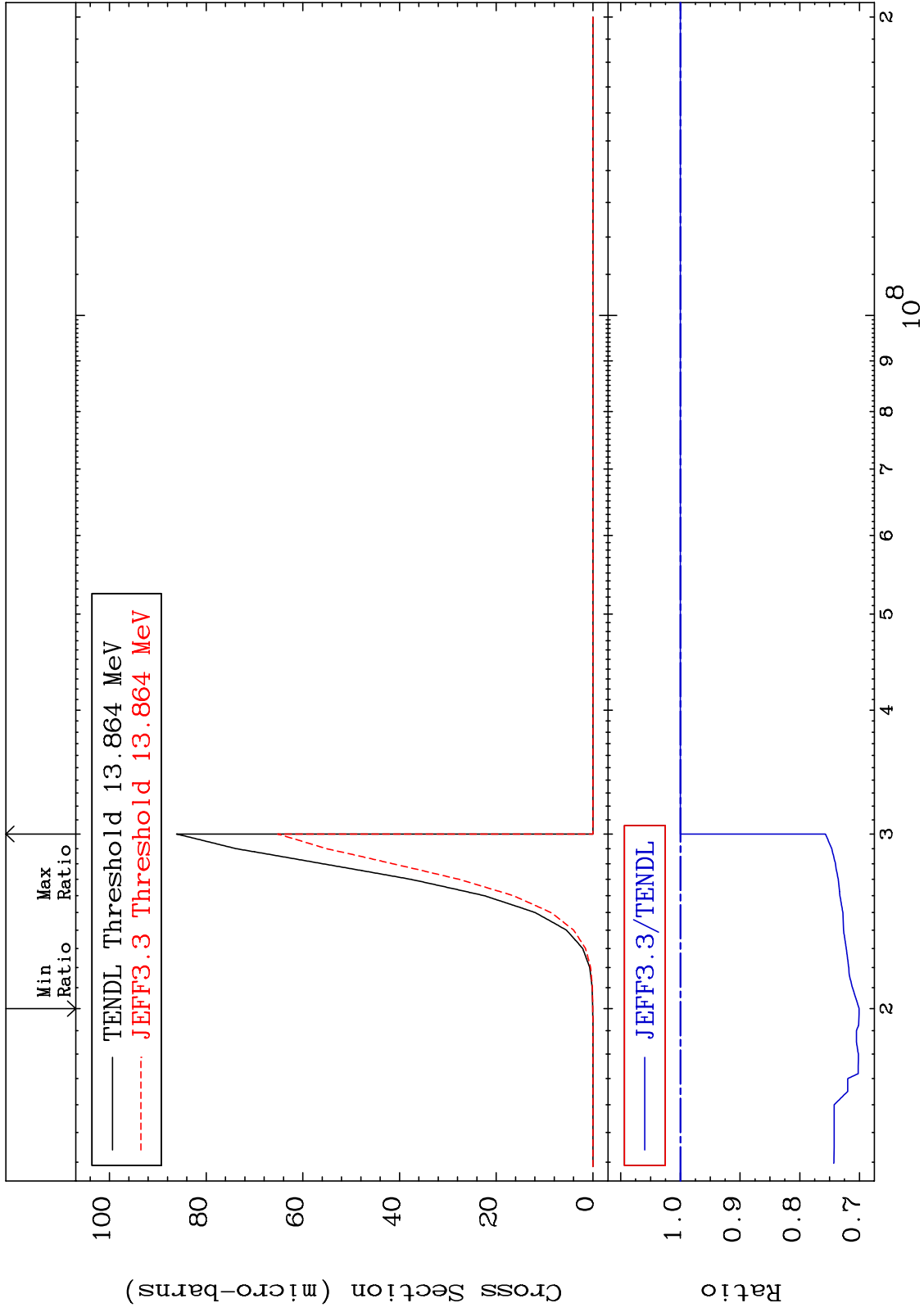
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -29.95 To 0.000 %



90

Incident Energy (eV)

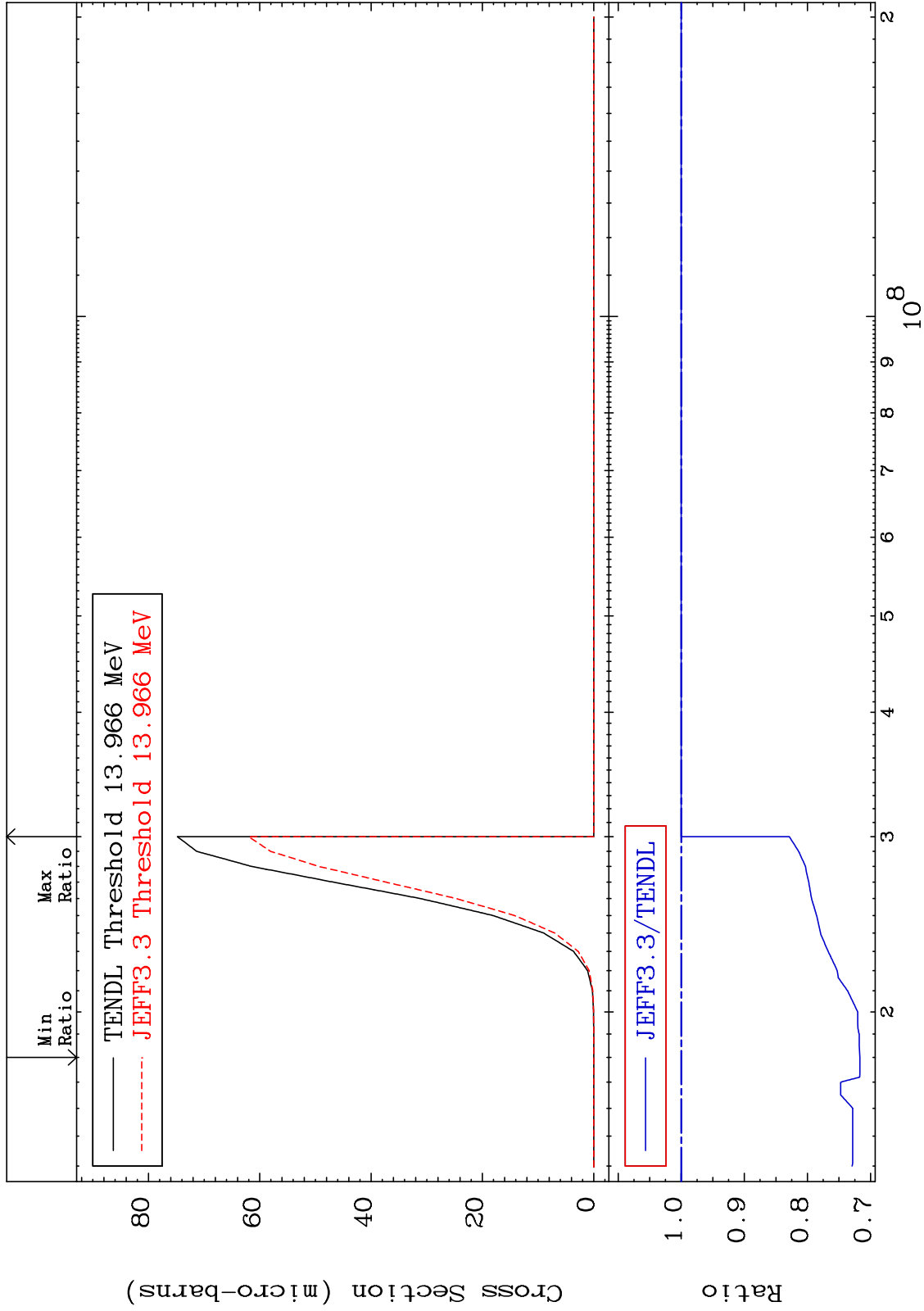
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -28.32 To 0.000 %

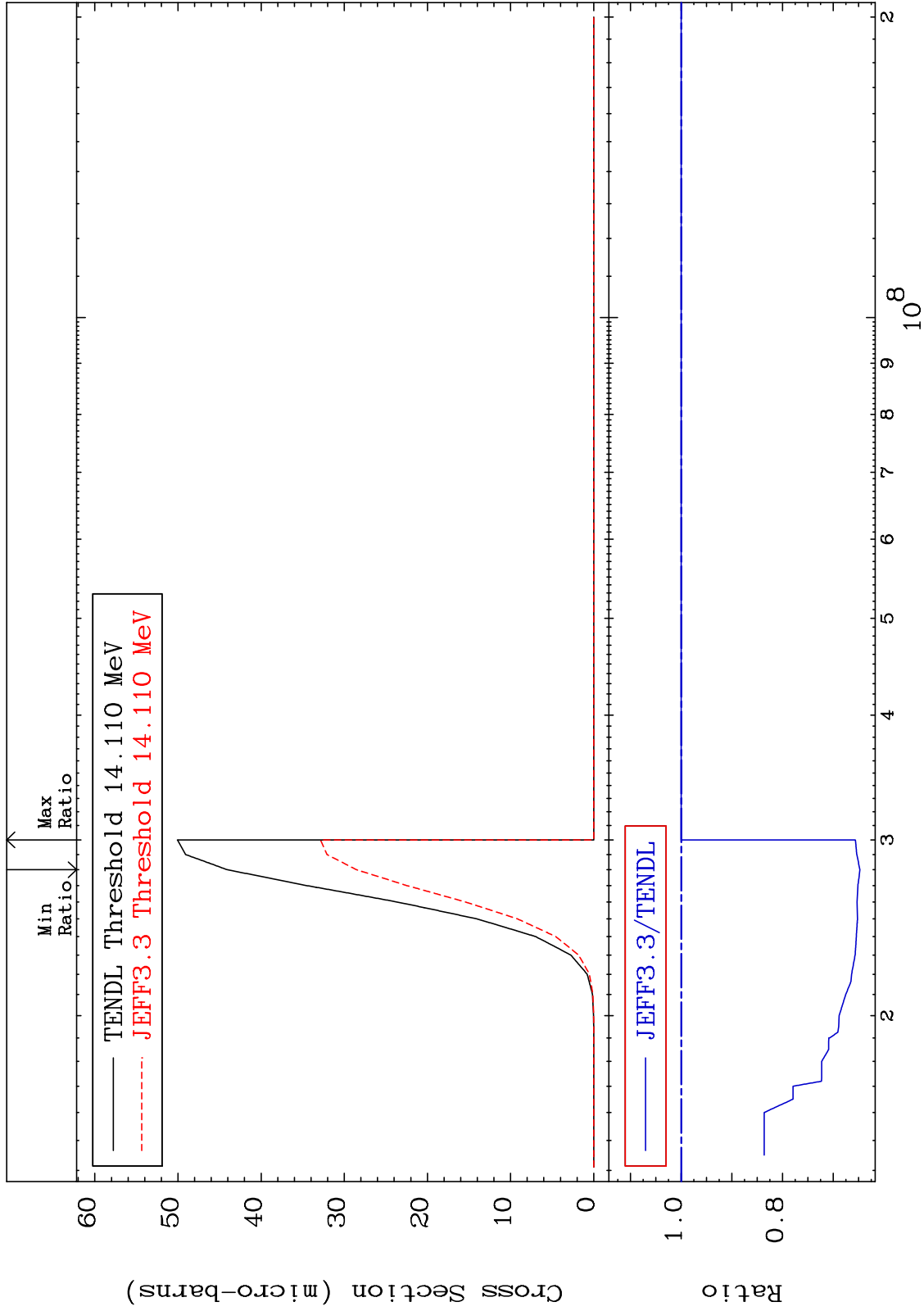


MAT 3131

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

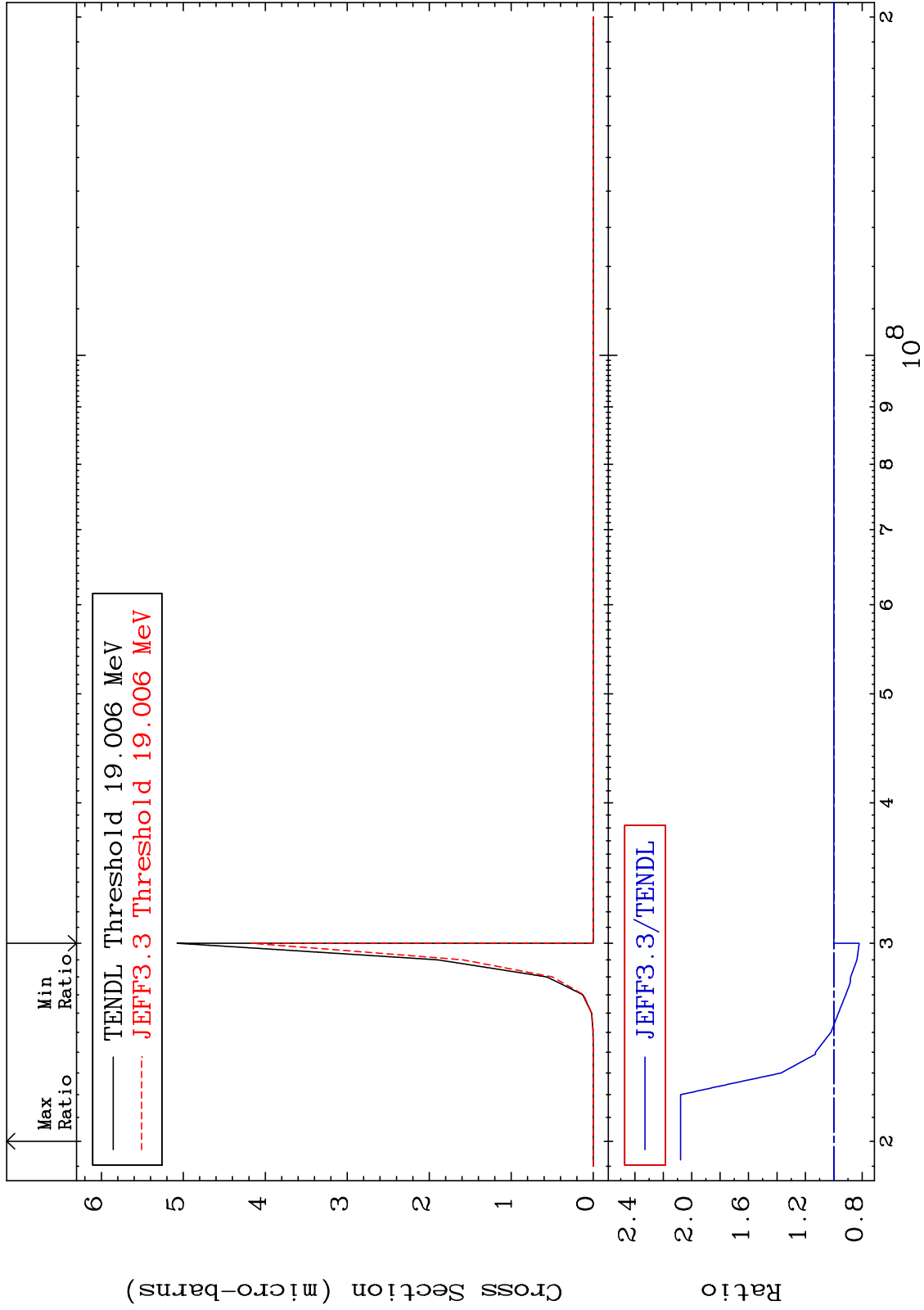
31-Ga-71

Radionuclide Production Cross Section -35.26 To 0.000 %



92

31-Ga-71



MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -3.255 To 350.2 %

