

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

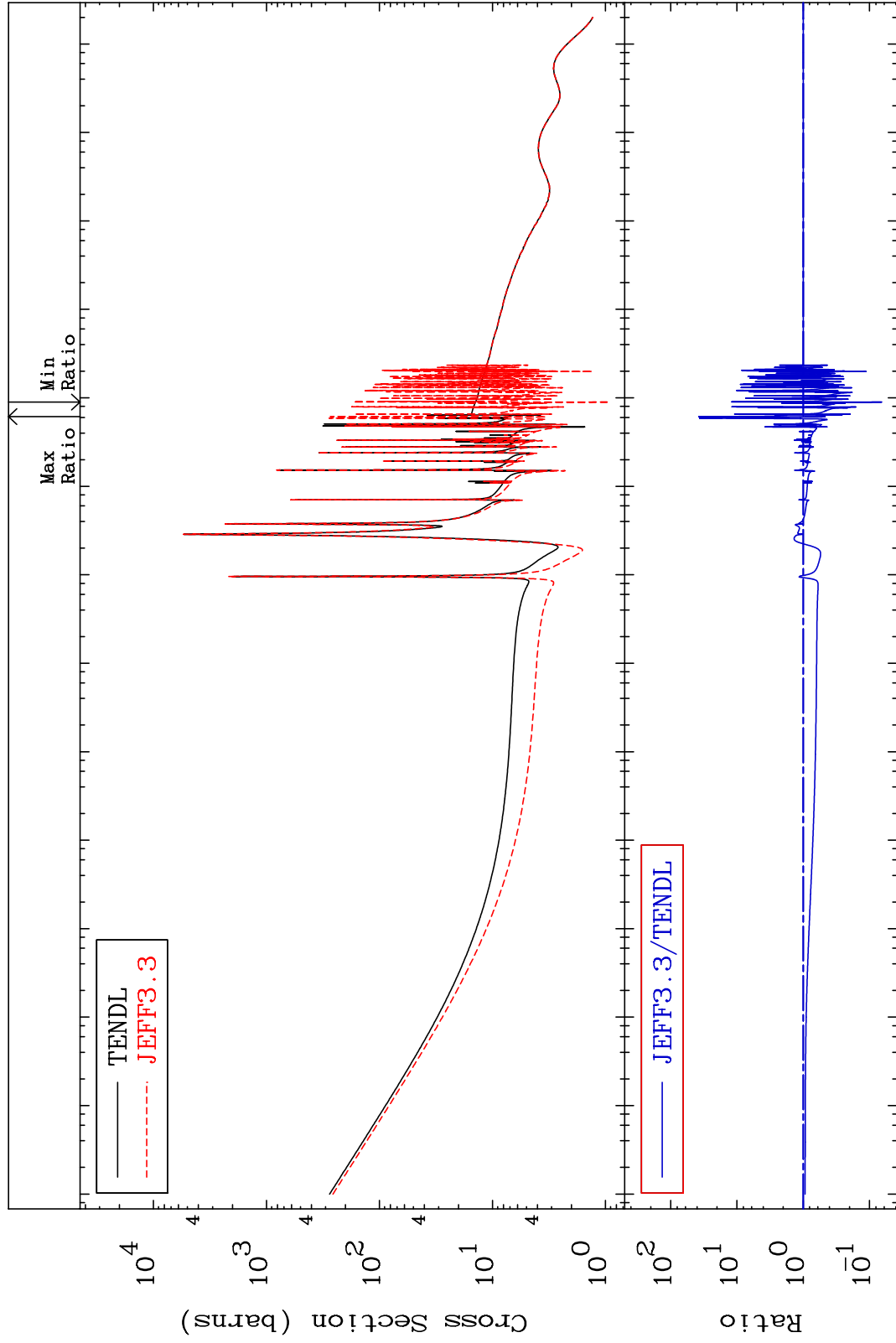
MAT 3131

Total

31-Ga-71

Cross Section

-93.45 To 3678. %



1

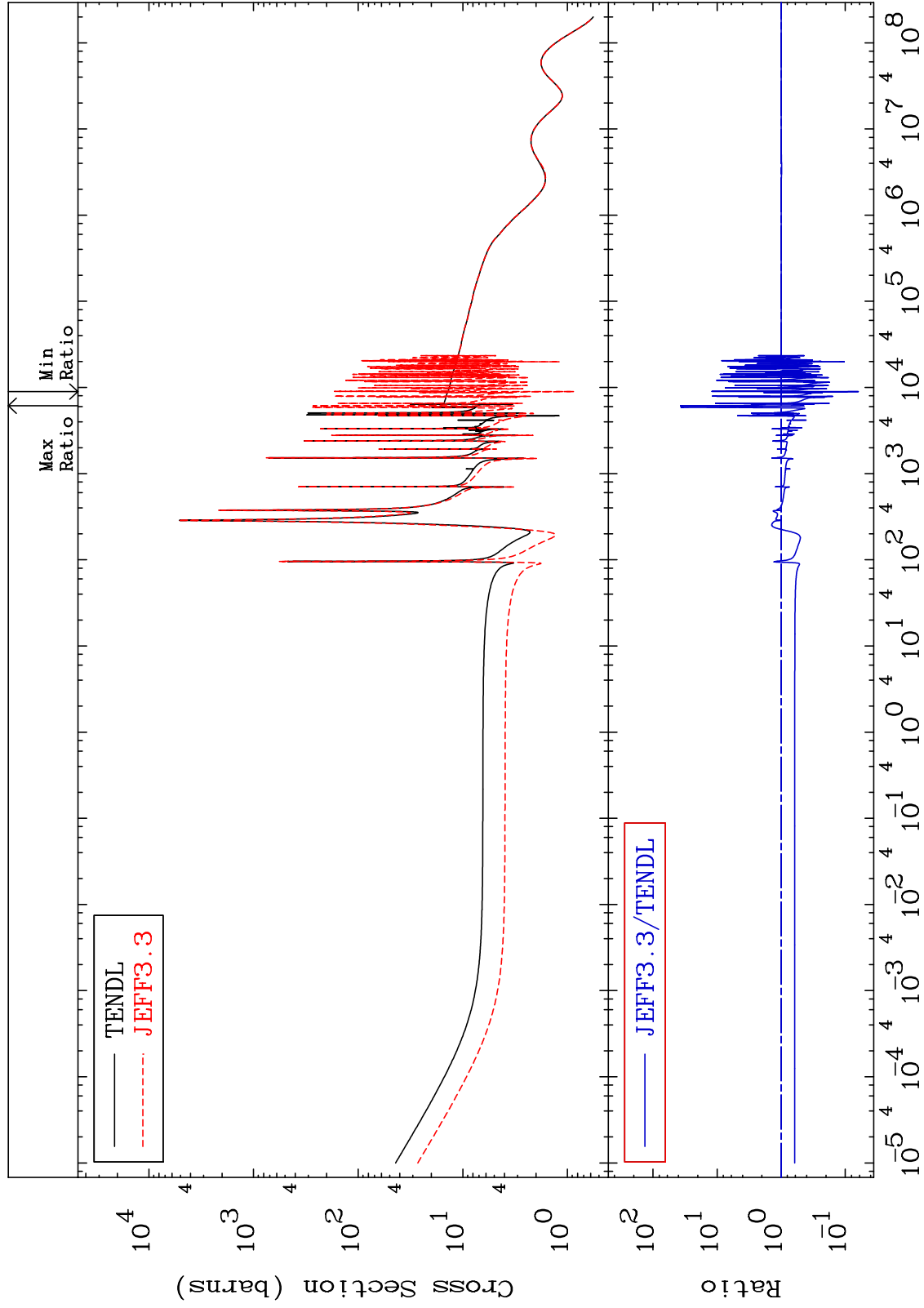
Incident Energy (eV)

31-Ga-71

MAT 3131

Elastic
Cross Section

31-Ga-71
-93.79 To 3632. %



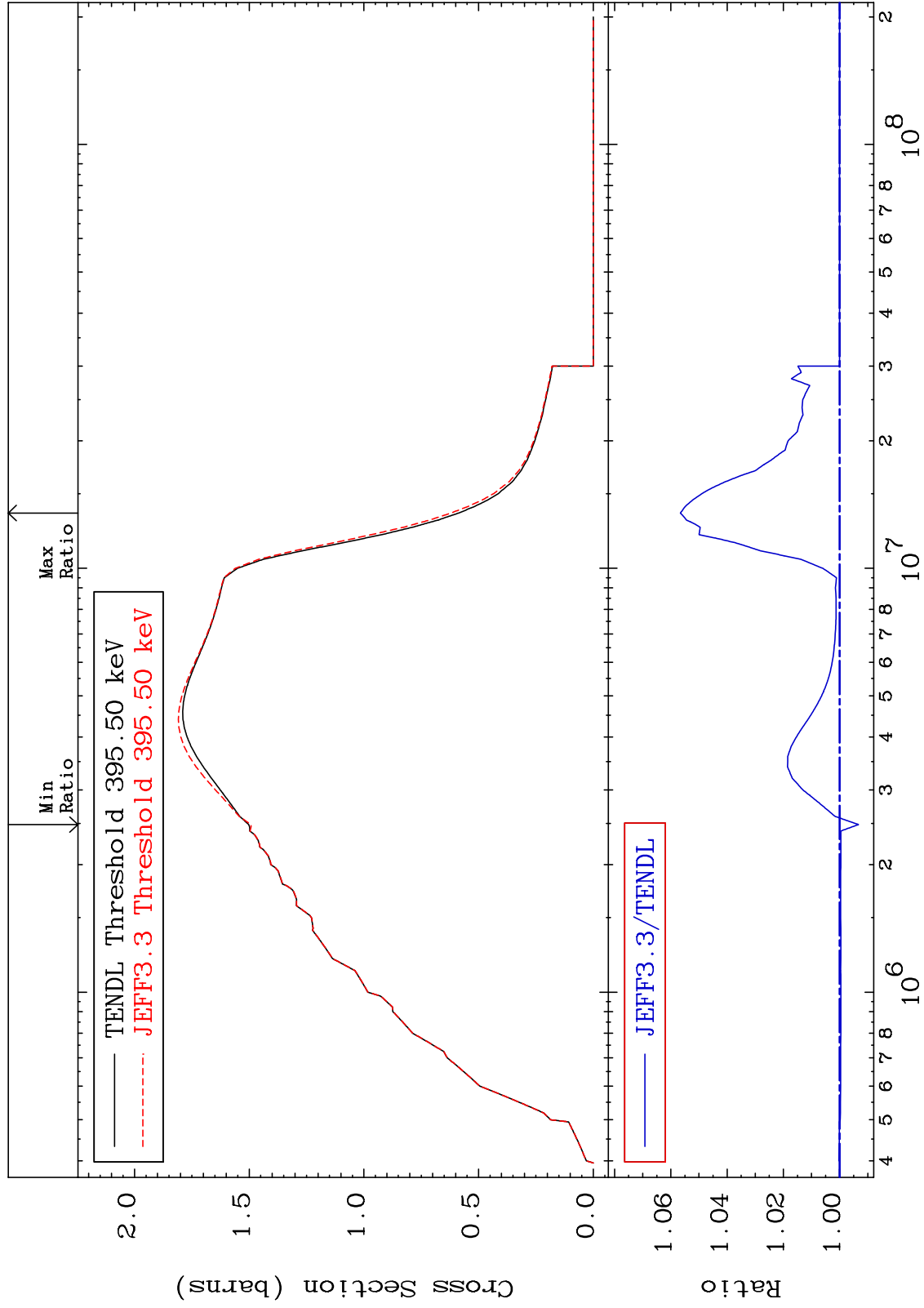
MAT 3131

Inelastic

31-Ga-71

Cross Section

-0.672 To 5.659 %



3

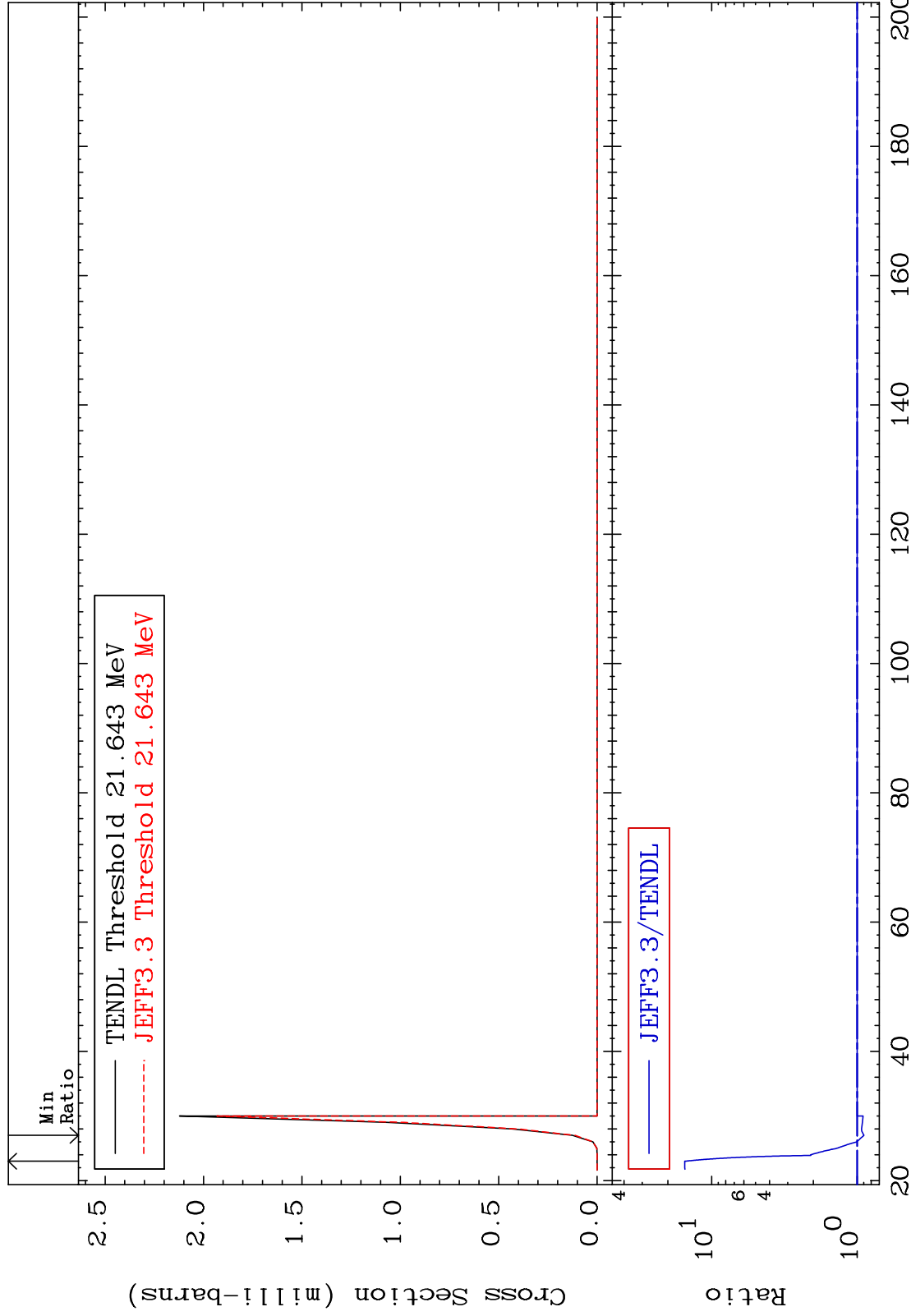
MAT 3131

(n,2n) d

³¹Ga-71

Cross Section

-10.30 To 1430. %



4

Incident Energy (MeV)

³¹Ga-71

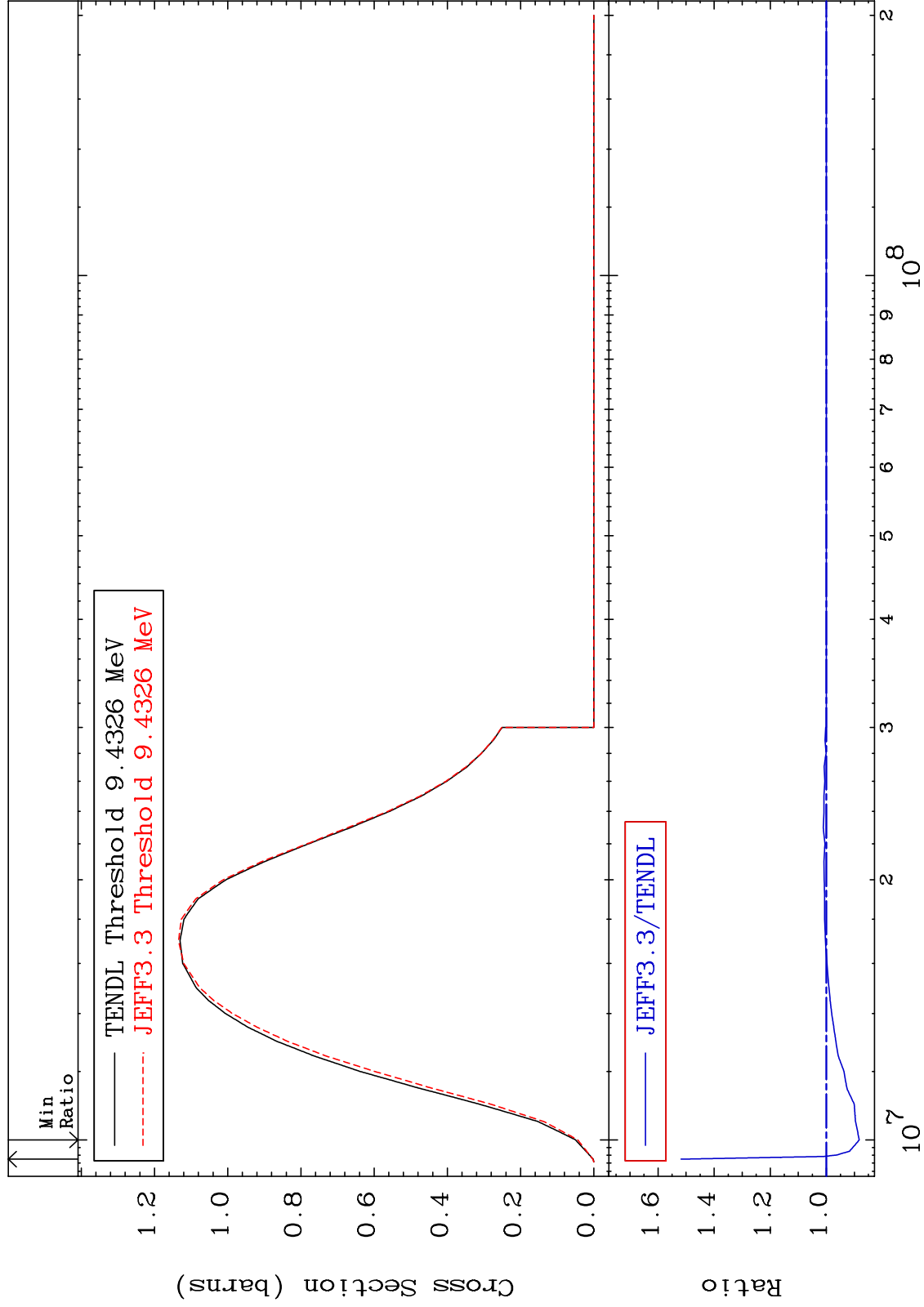
MAT 3131

(n,2n)

31-Ga-71

Cross Section

-11.73 To 51.80 %



Incident Energy (eV)

31-Ga-71

5

MAT 3131

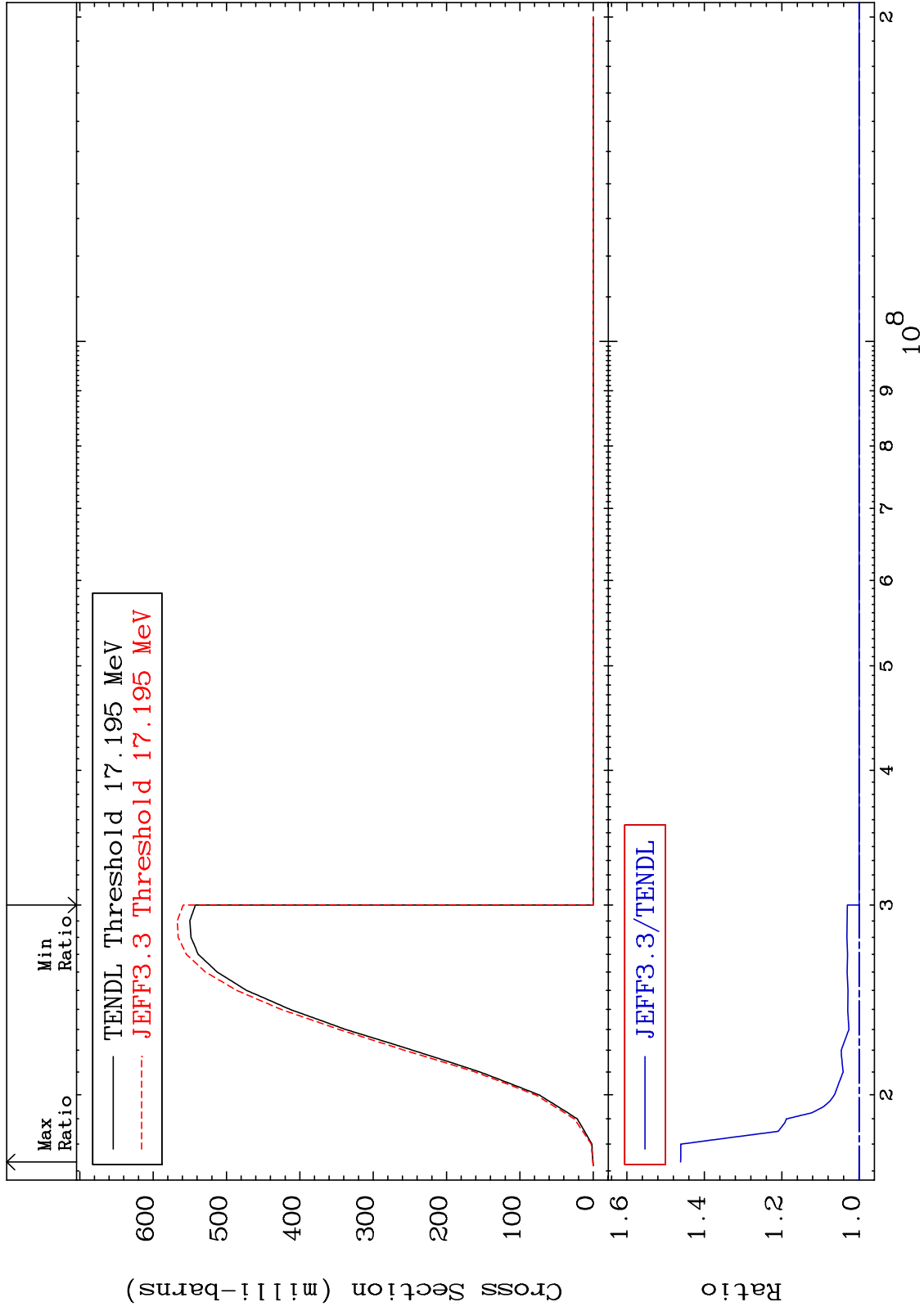
(n, 3n)

31-Ga-71

Cross Section

0.000

To 46.13 %



6

Incident Energy (eV)

31-Ga-71

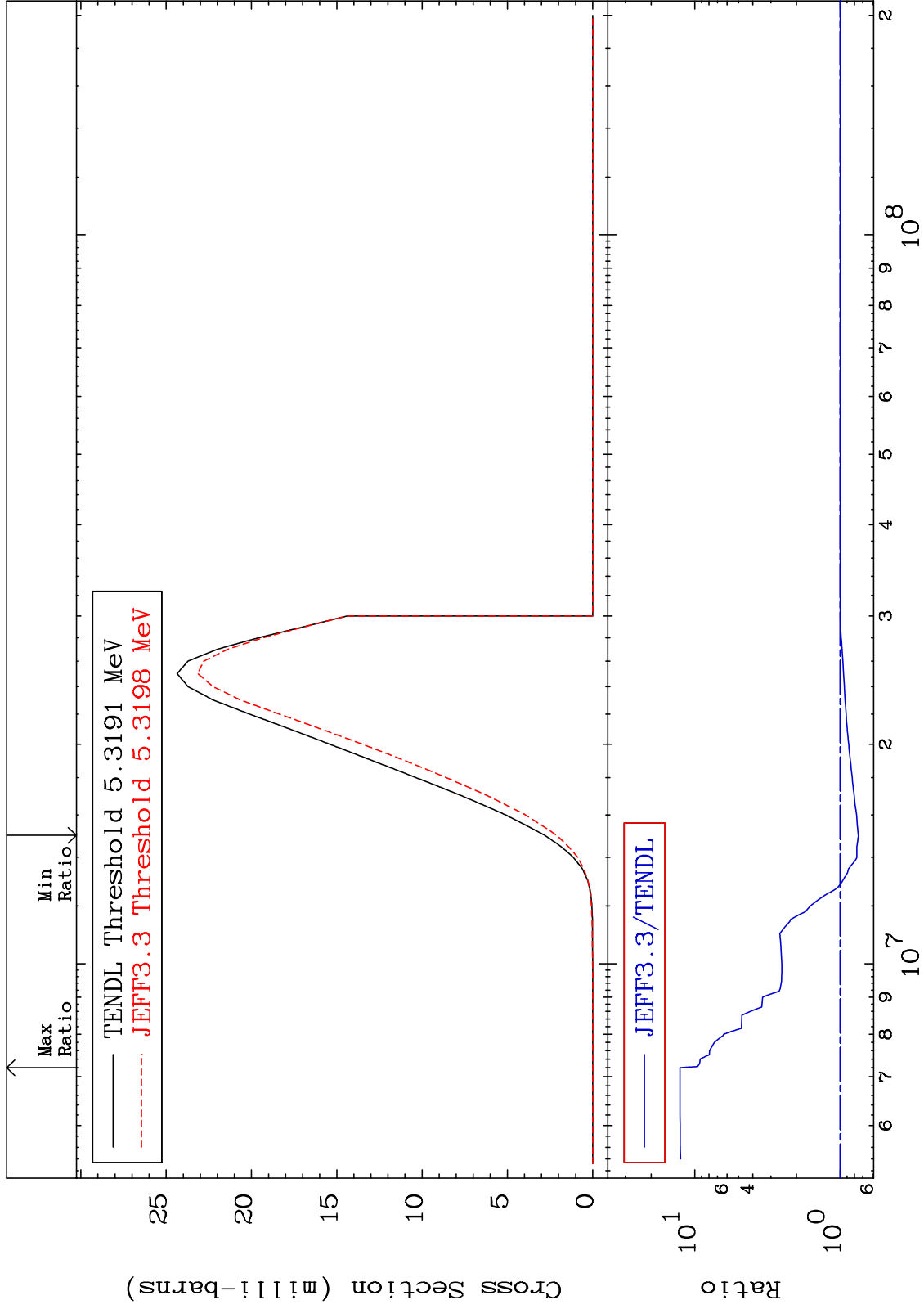
MAT 3131

(n,n') α

31-Ga-71

Cross Section

-24.95 To 1165. %



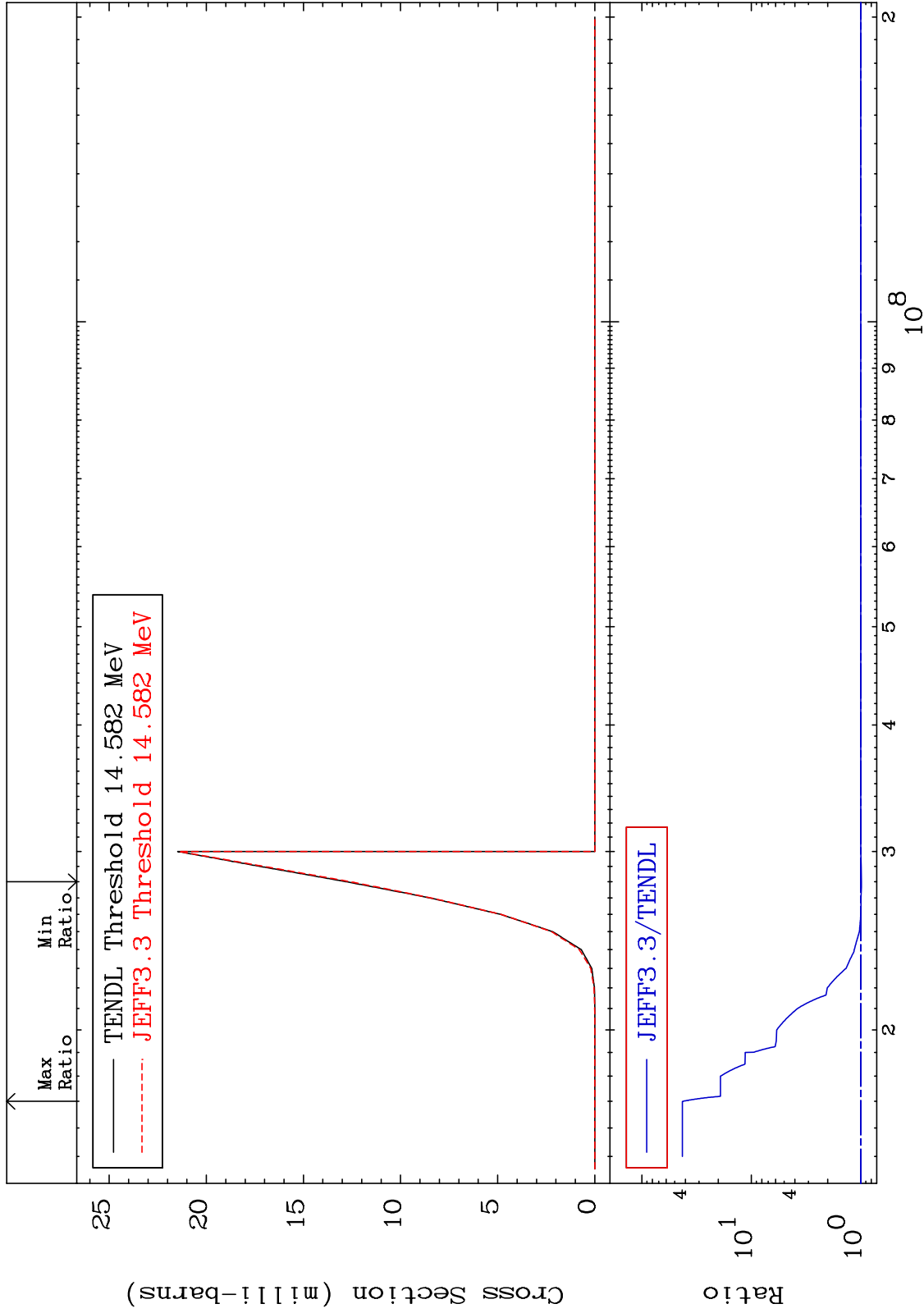
MAT 3131

(n,2n) α

31-Ga-71

Cross Section

-1.614 To 4159. %



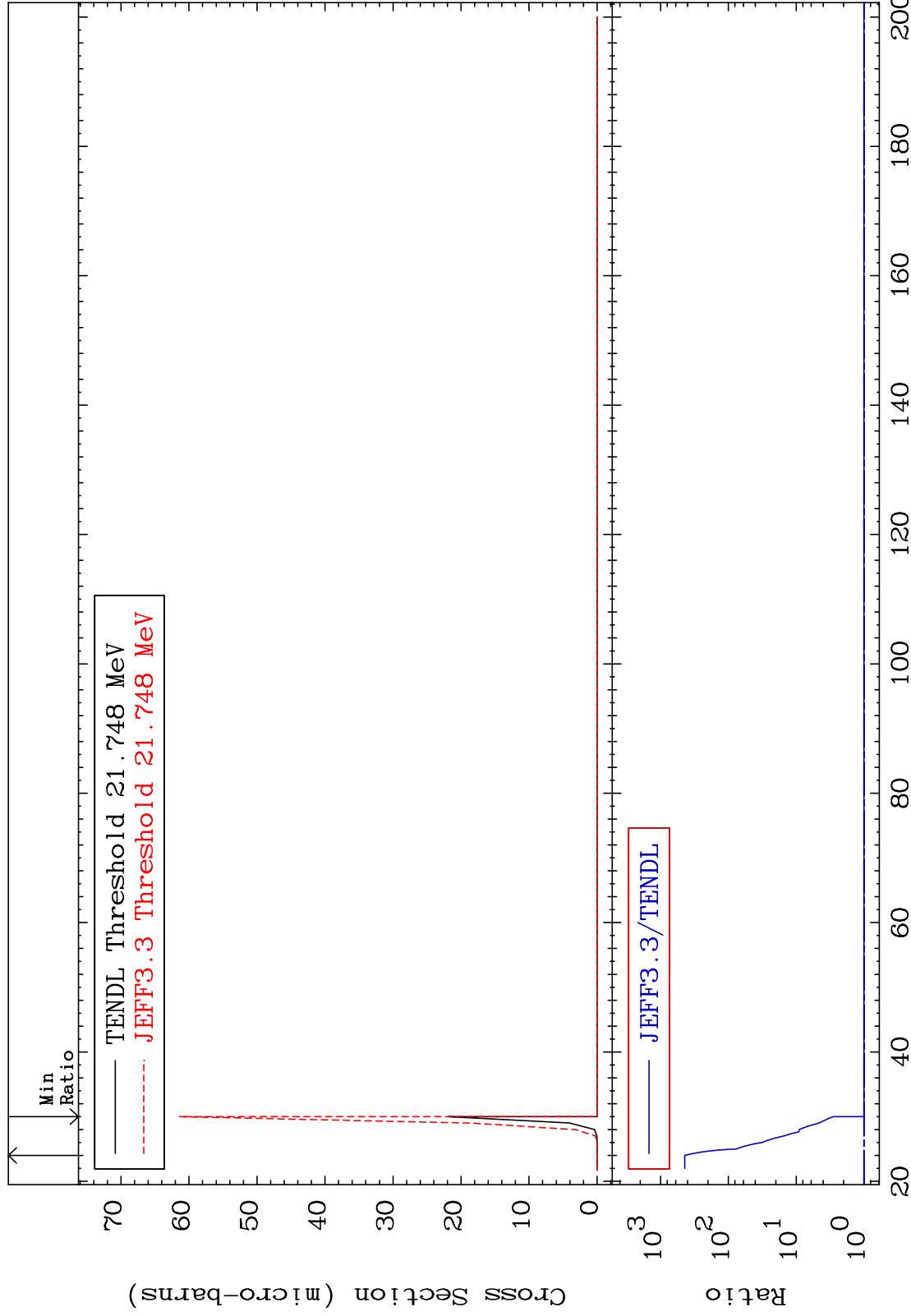
MAT 3131

(n,3n) α

³¹Ga-71

Cross Section

0.000 To 9999. %



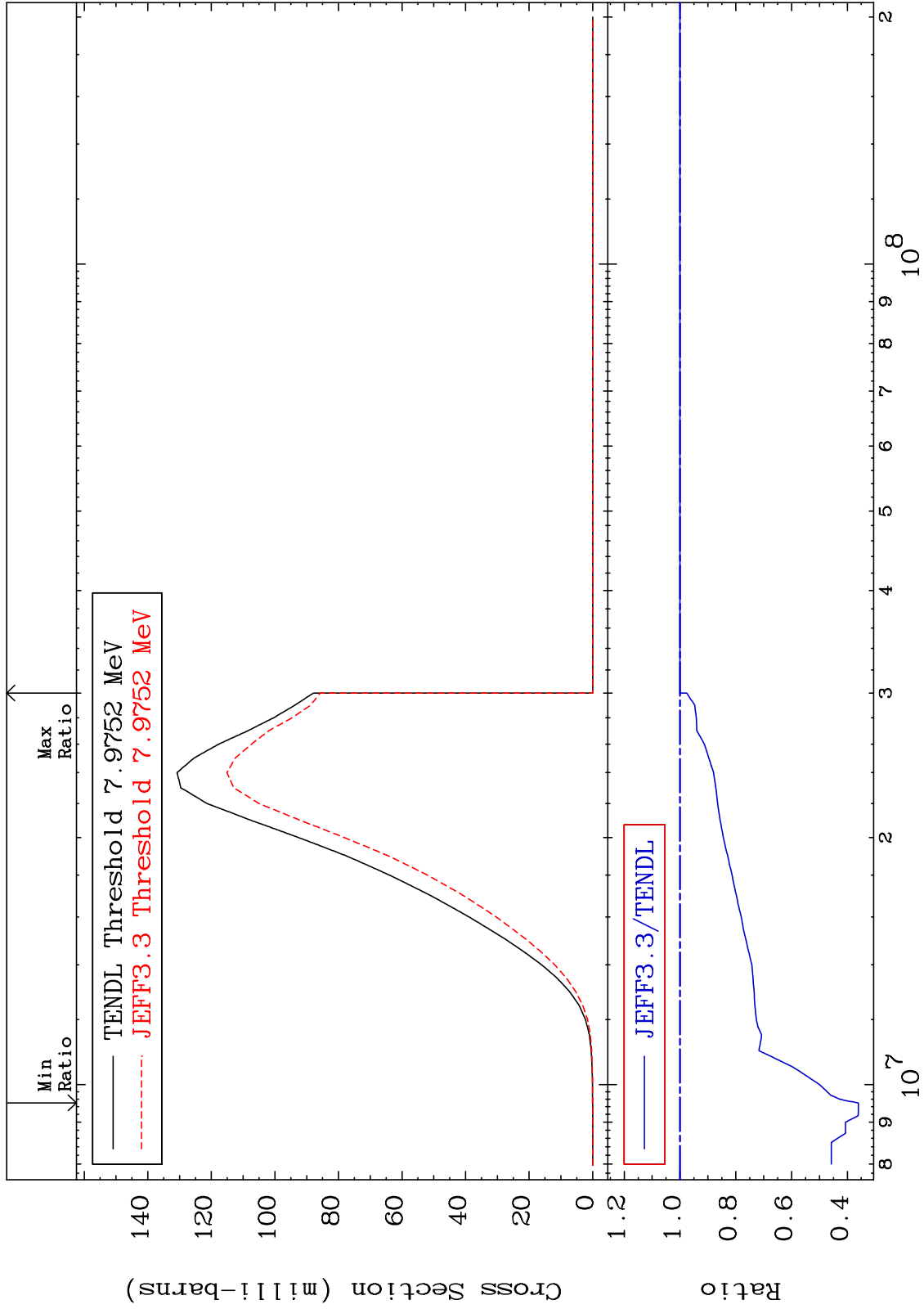
MAT 3131

(n,n') p

31-Ga-71

Cross Section

-63.96 To 0.000 %



31-Ga-71

Incident Energy (eV)

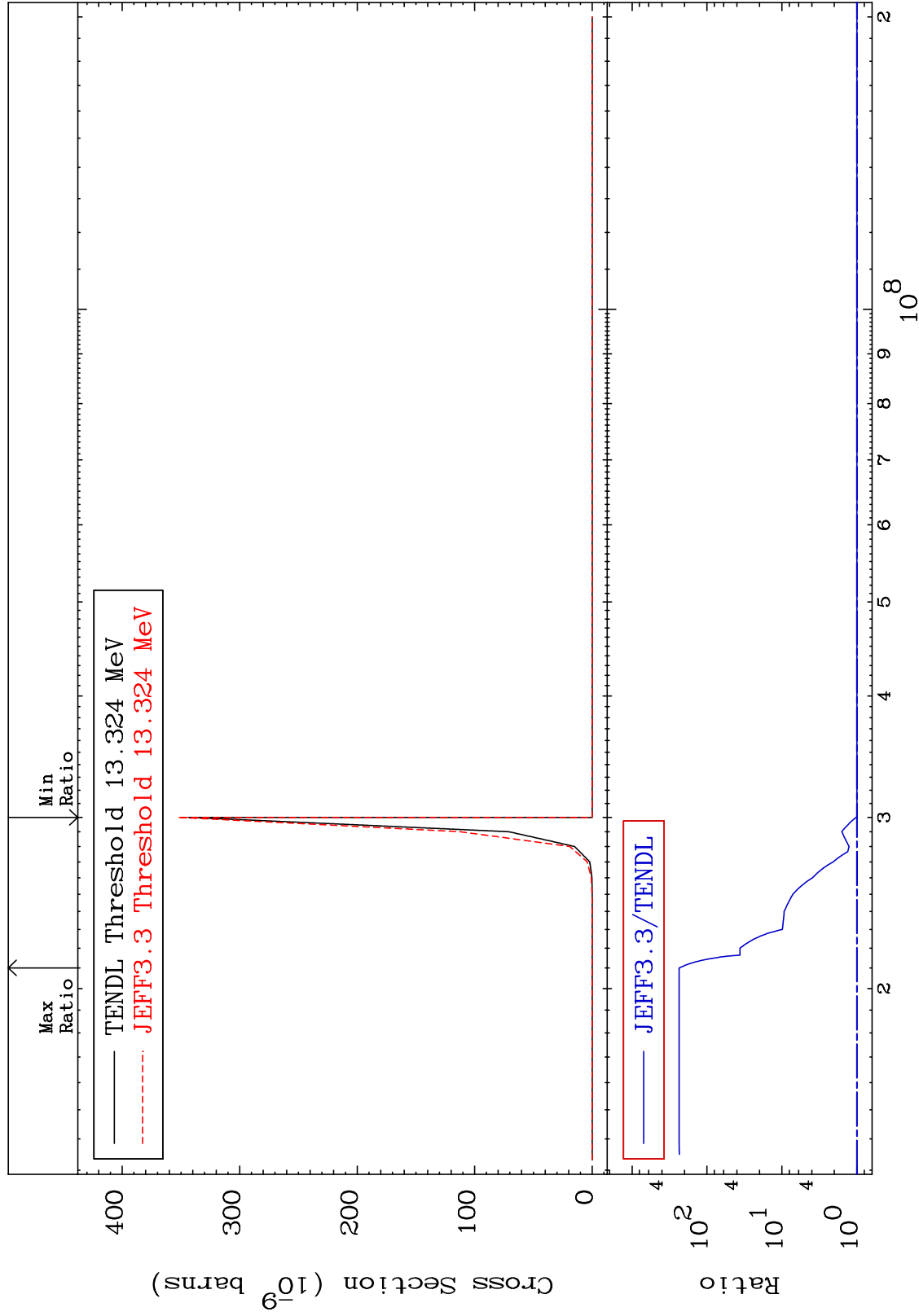
MAT 3131

(n,n') 2α

31-Ga-71

Cross Section

0.000 To 9999. %



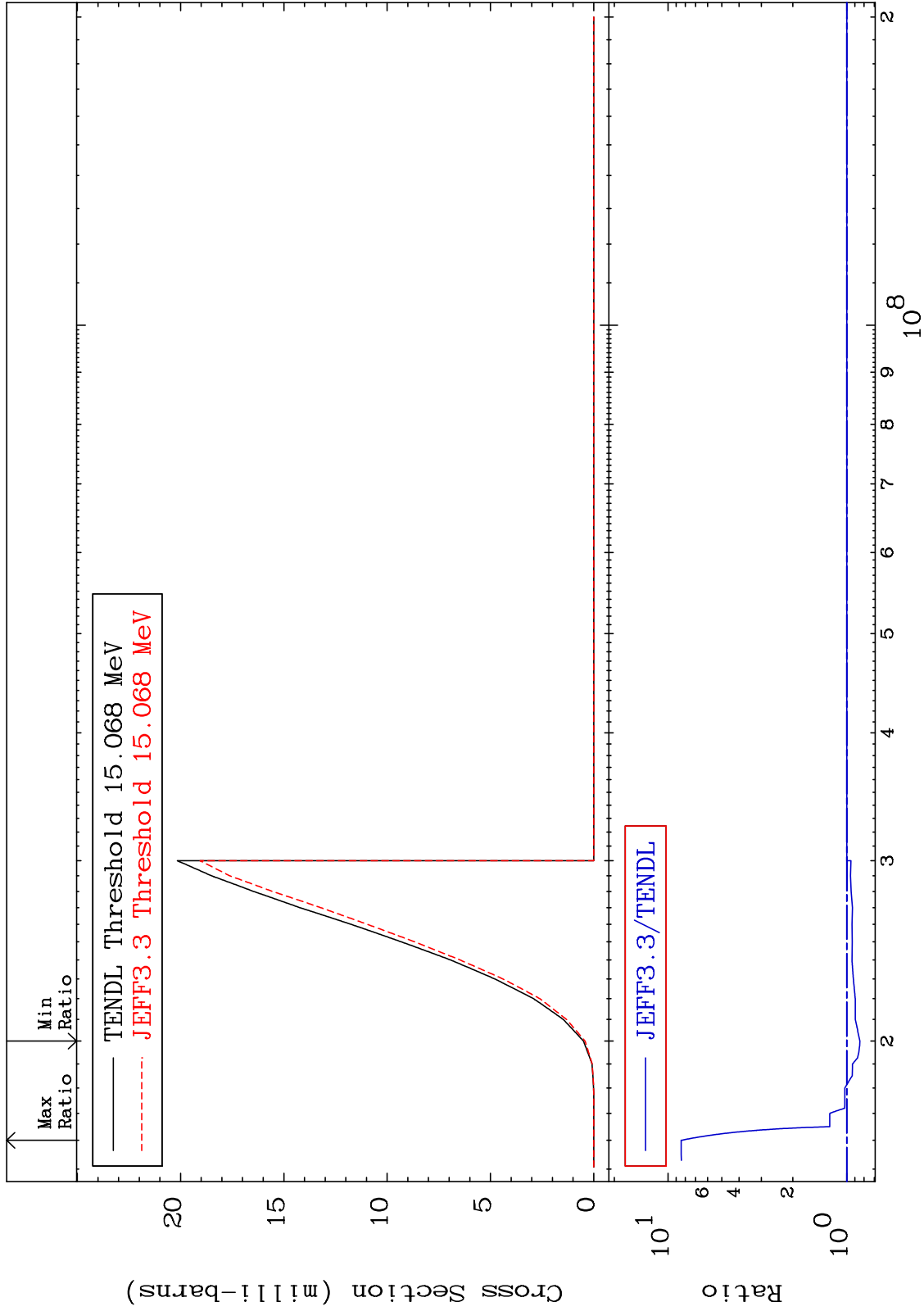
MAT 3131

(n, n') d

31-Ga-71

Cross Section

-15.68 To 743.3 %



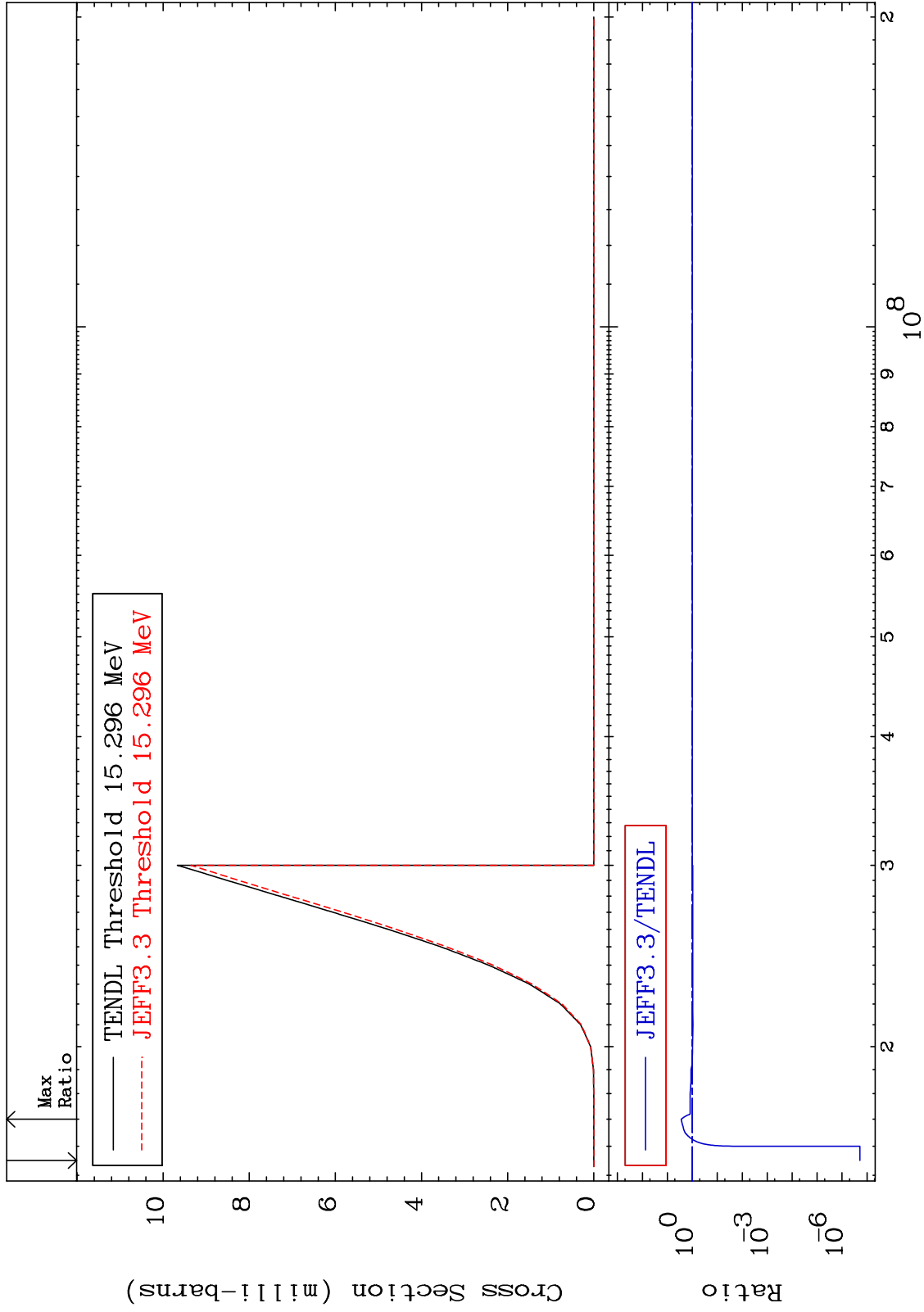
MAT 3131

(n, n') t

³¹Ga-71

Cross Section

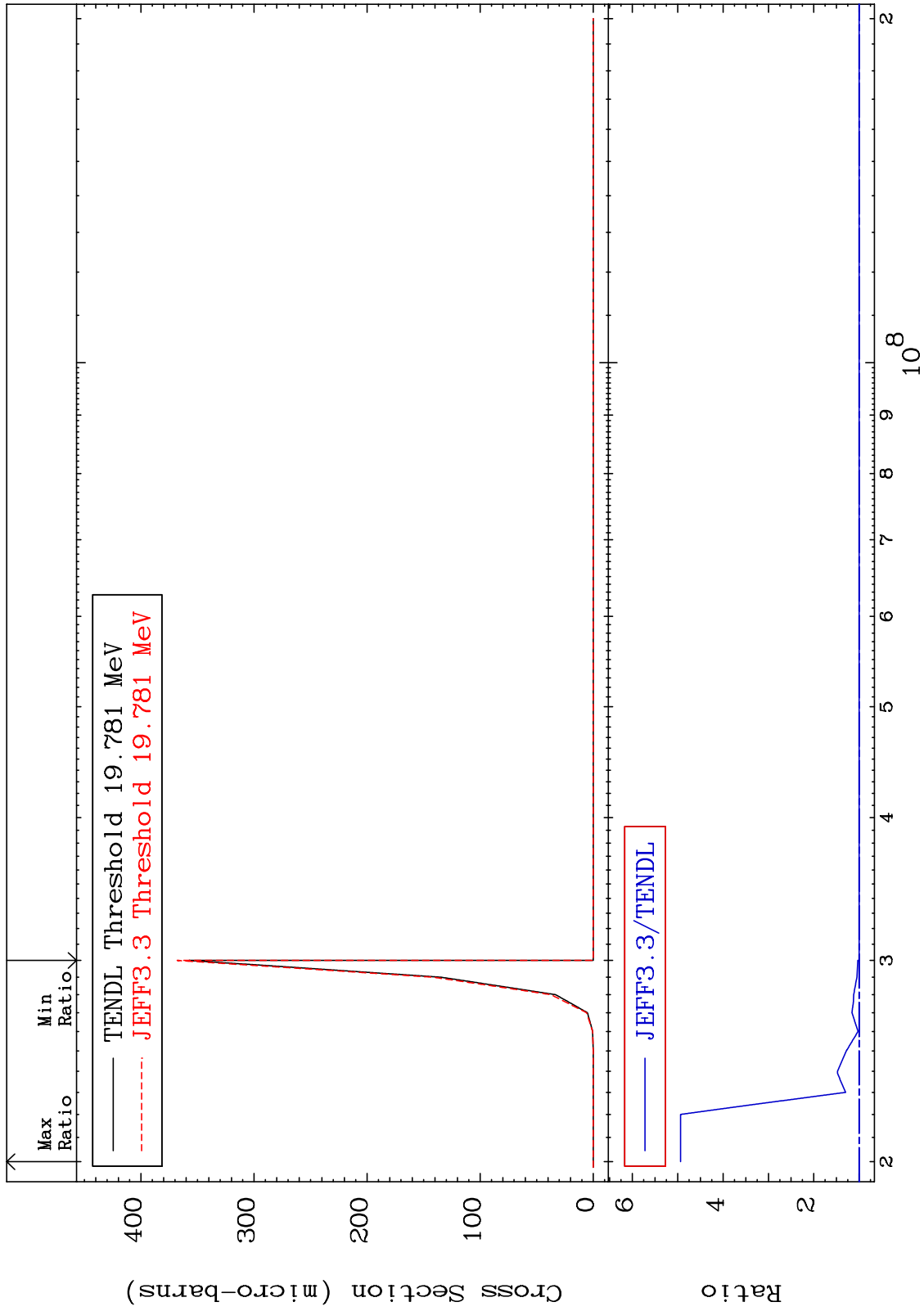
-100.0 To 178.1 %



MAT 3131

(n, n') He-3
Cross Section

31-Ga-71
0.000 To 393.5 %



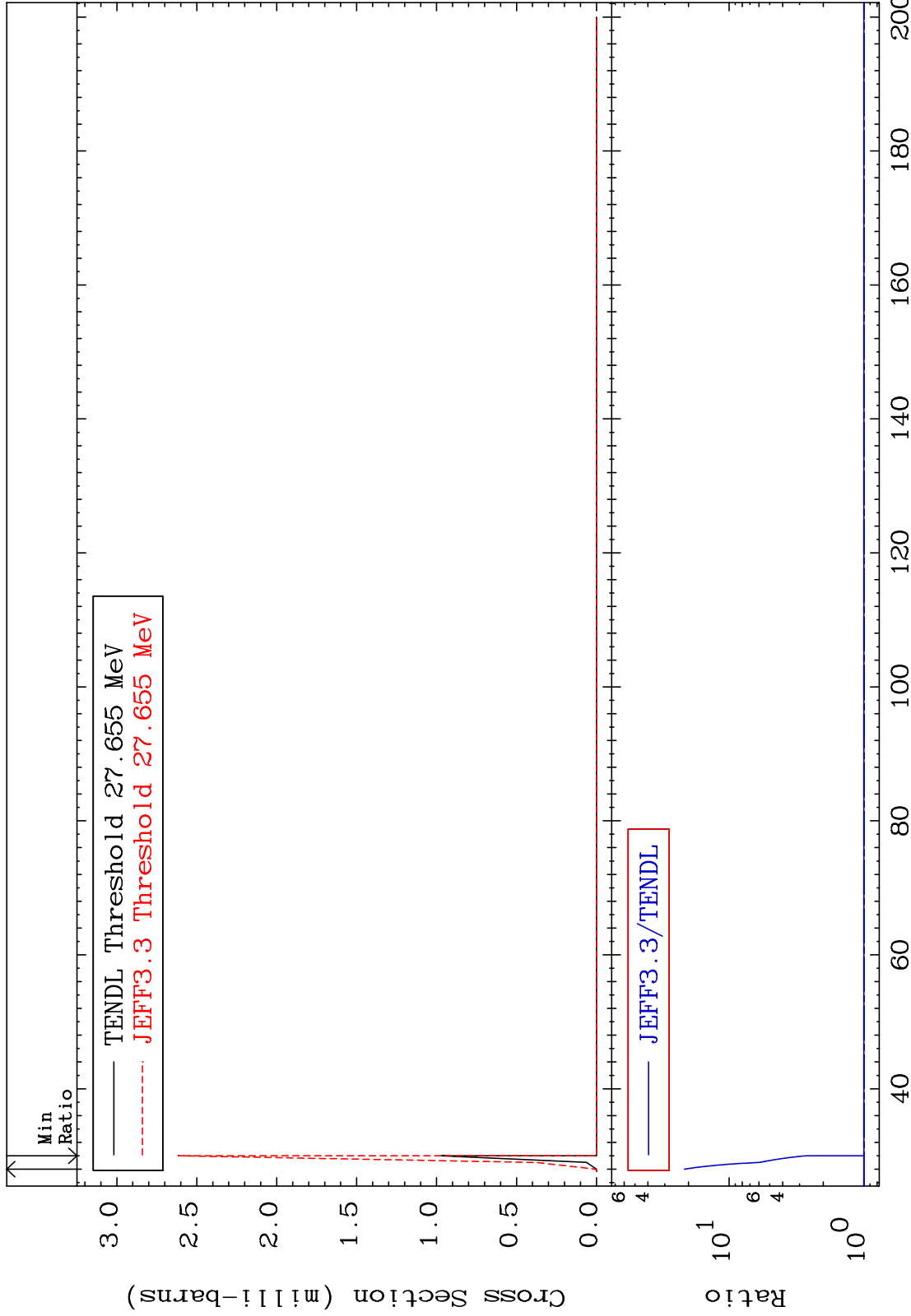
MAT 3131

(n, 4n)

³¹Ga-71

Cross Section

0.000 To 2046. %



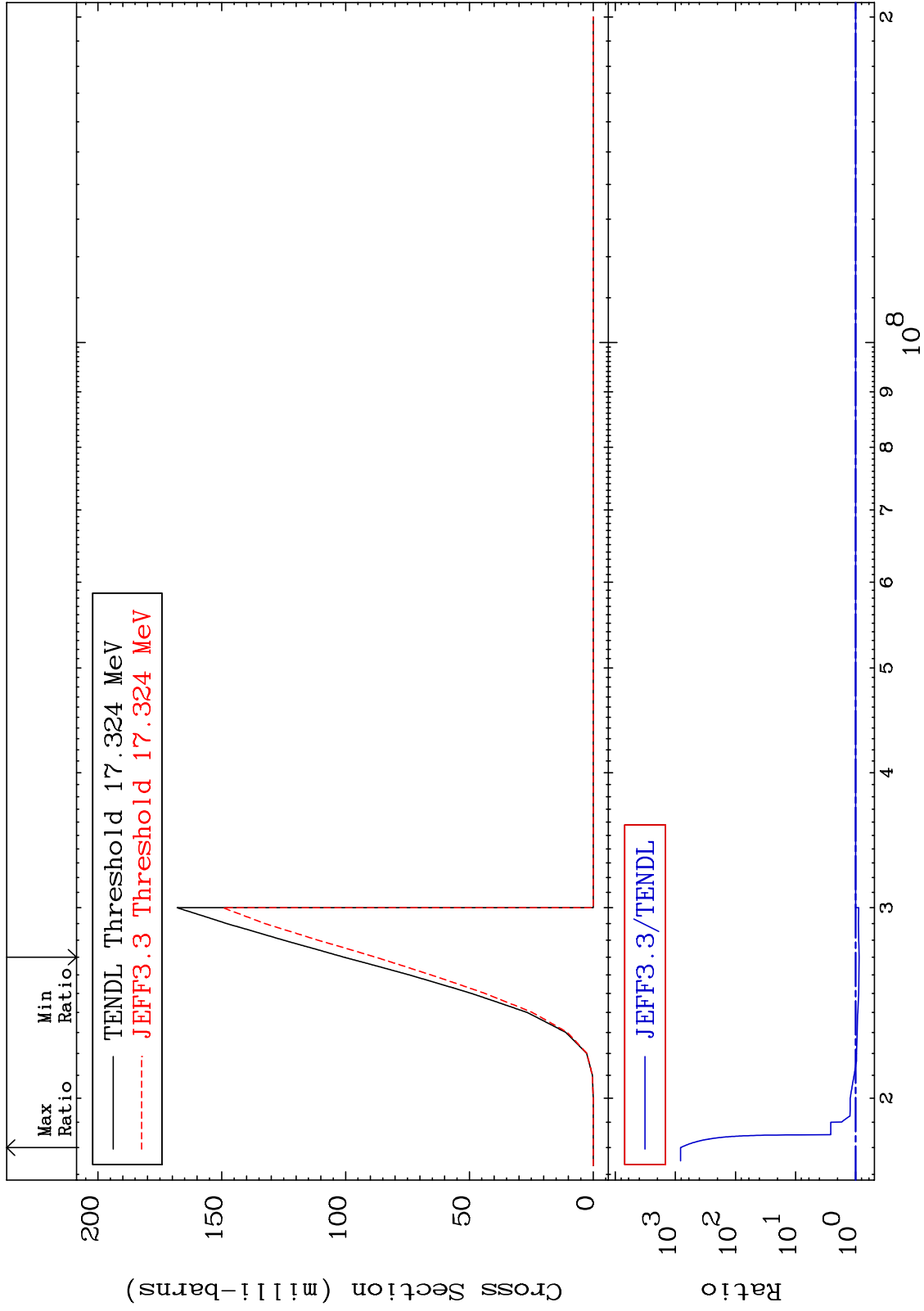
MAT 3131

(n,2n) p

31-Ga-71

Cross Section

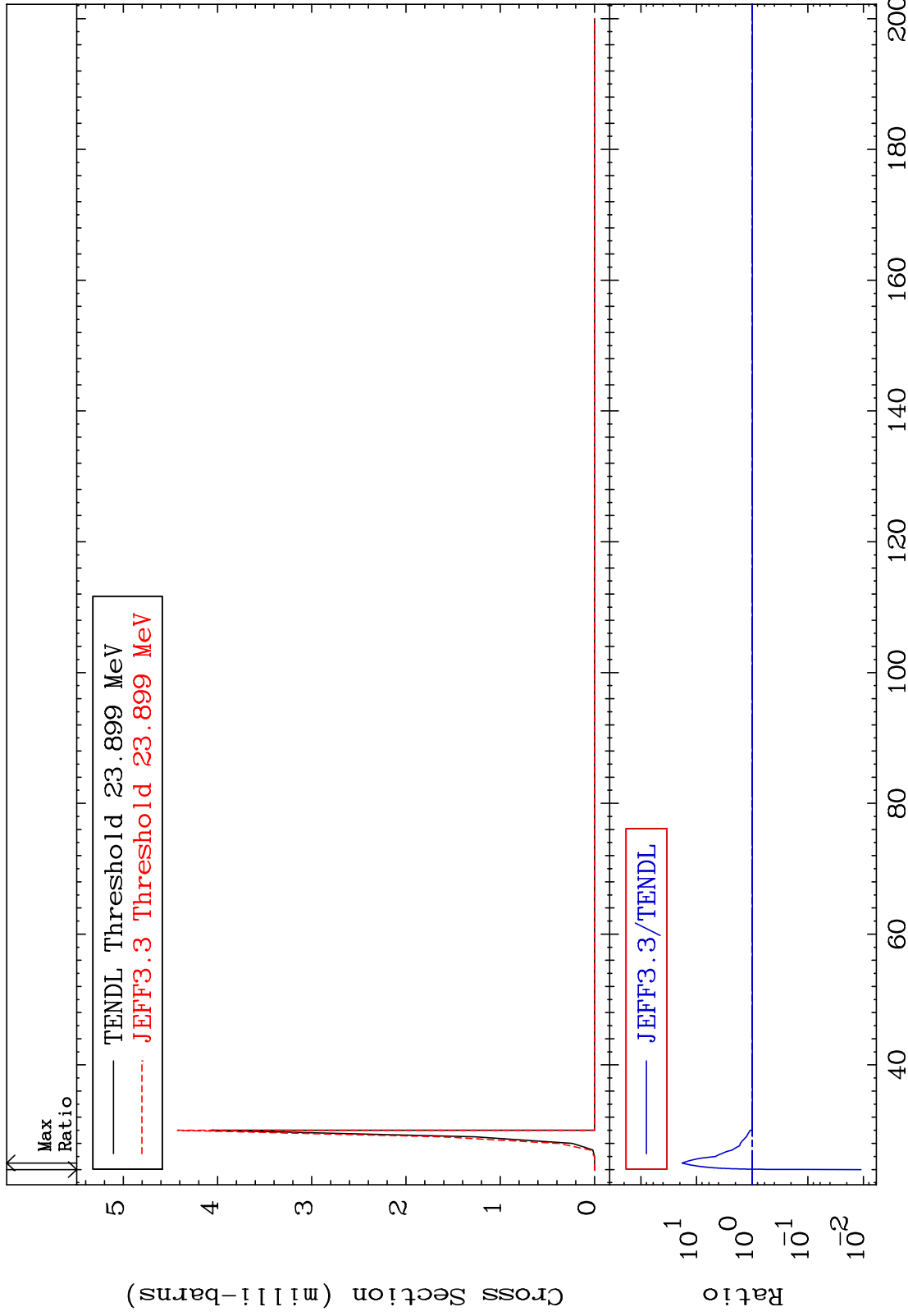
-12.73 To 9999. %



MAT 3131

(n,3n) p
Cross Section

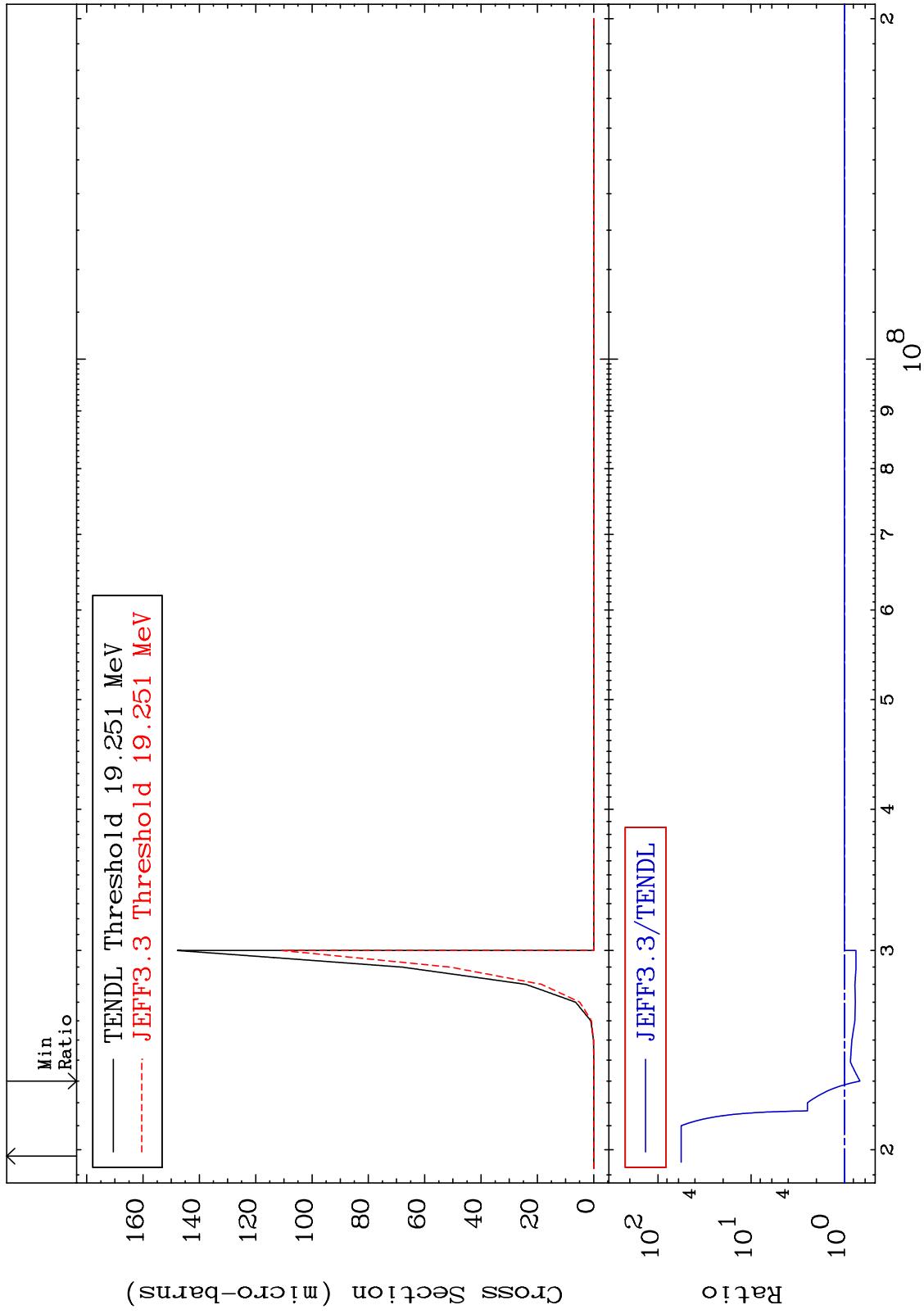
31-Ga-71
-98.90 To 1717. %



MAT 3131

(n,2n) p
Cross Section

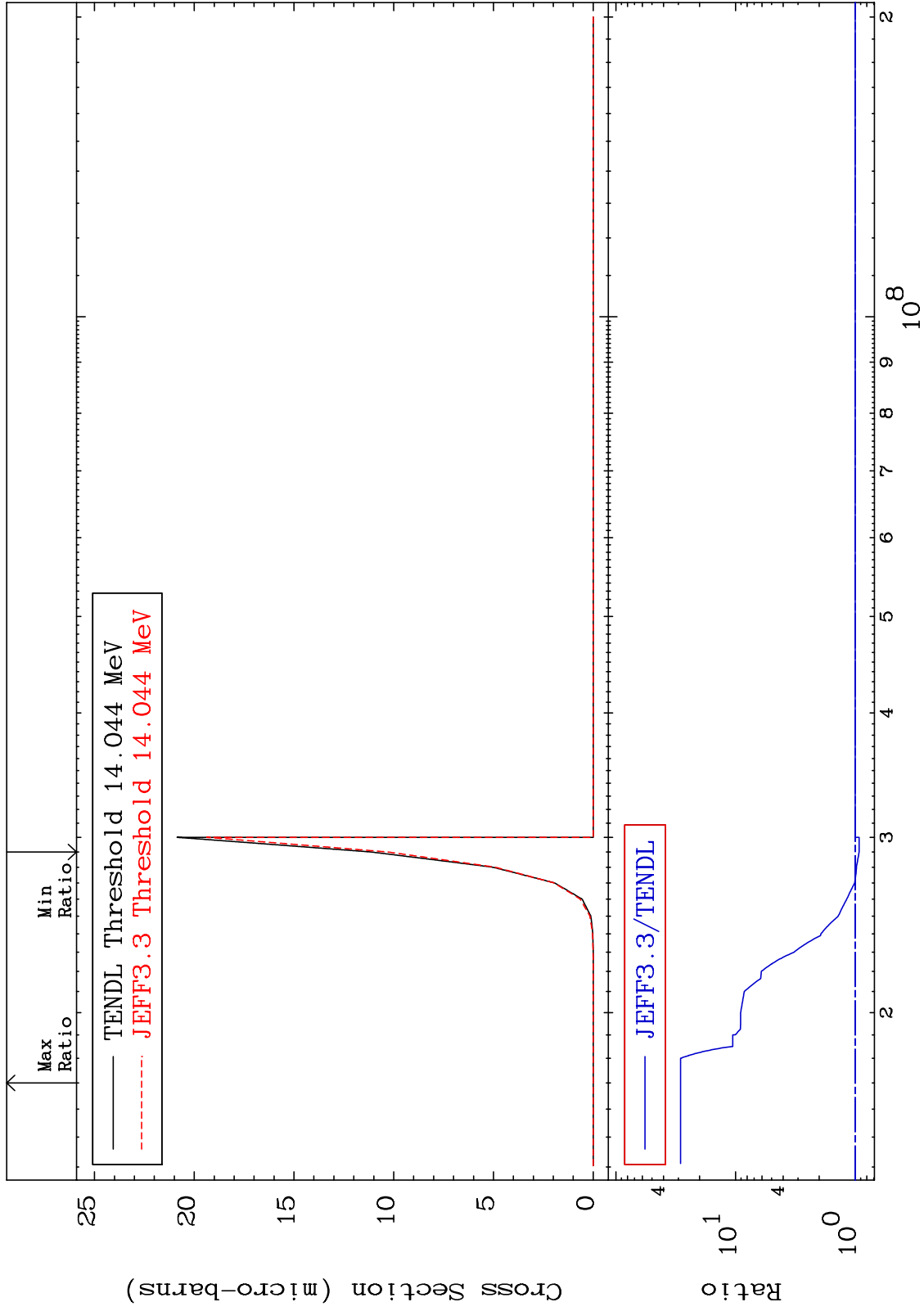
31-Ga-71
-31.91 To 5524. %



MAT 3131

(n,n') p α
Cross Section

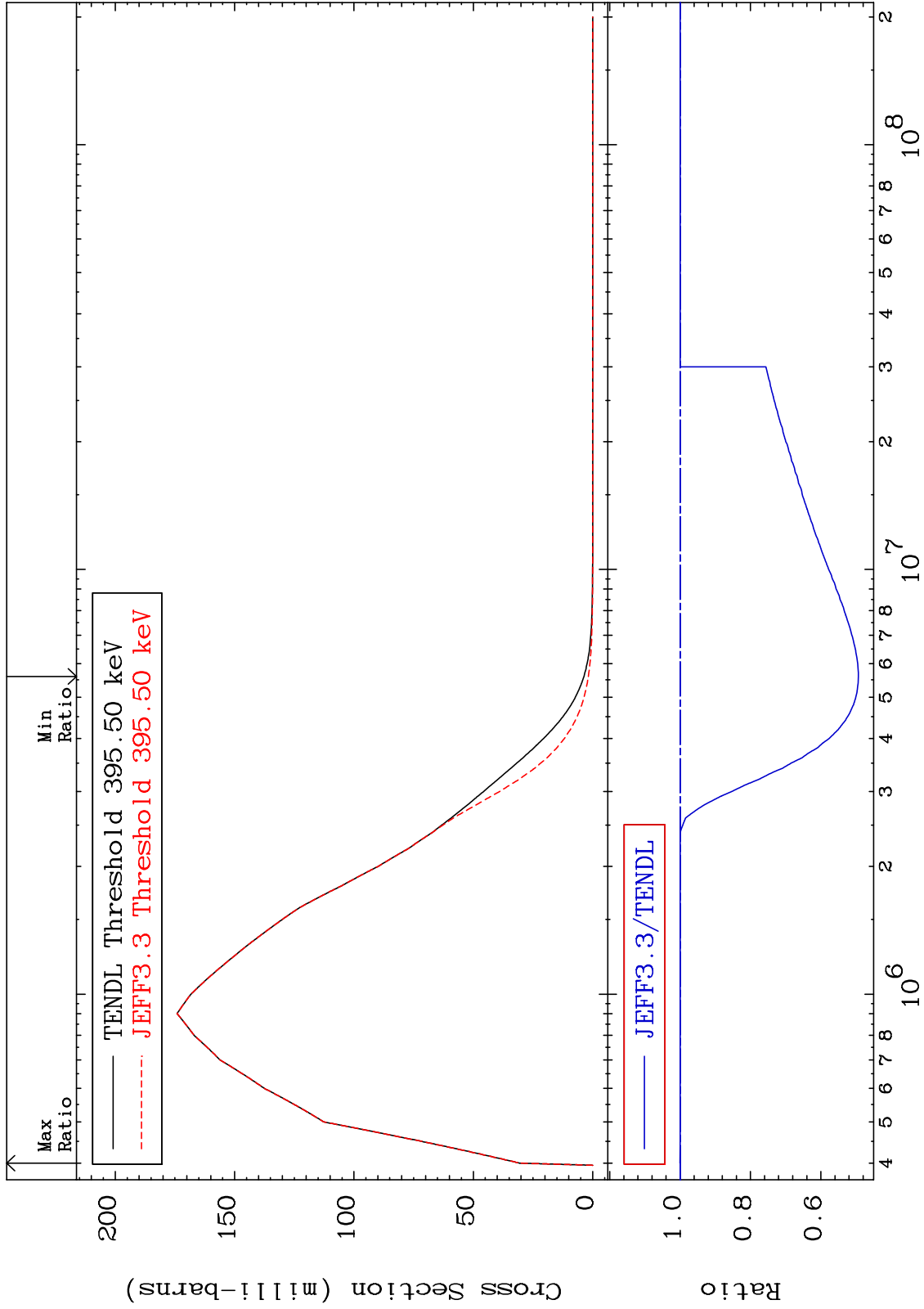
31-Ga-71
-7.363 To 2776. %



MAT 3131

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

31-Ga-71
-50.67 To 0.024 %



20

Incident Energy (eV)

31-Ga-71

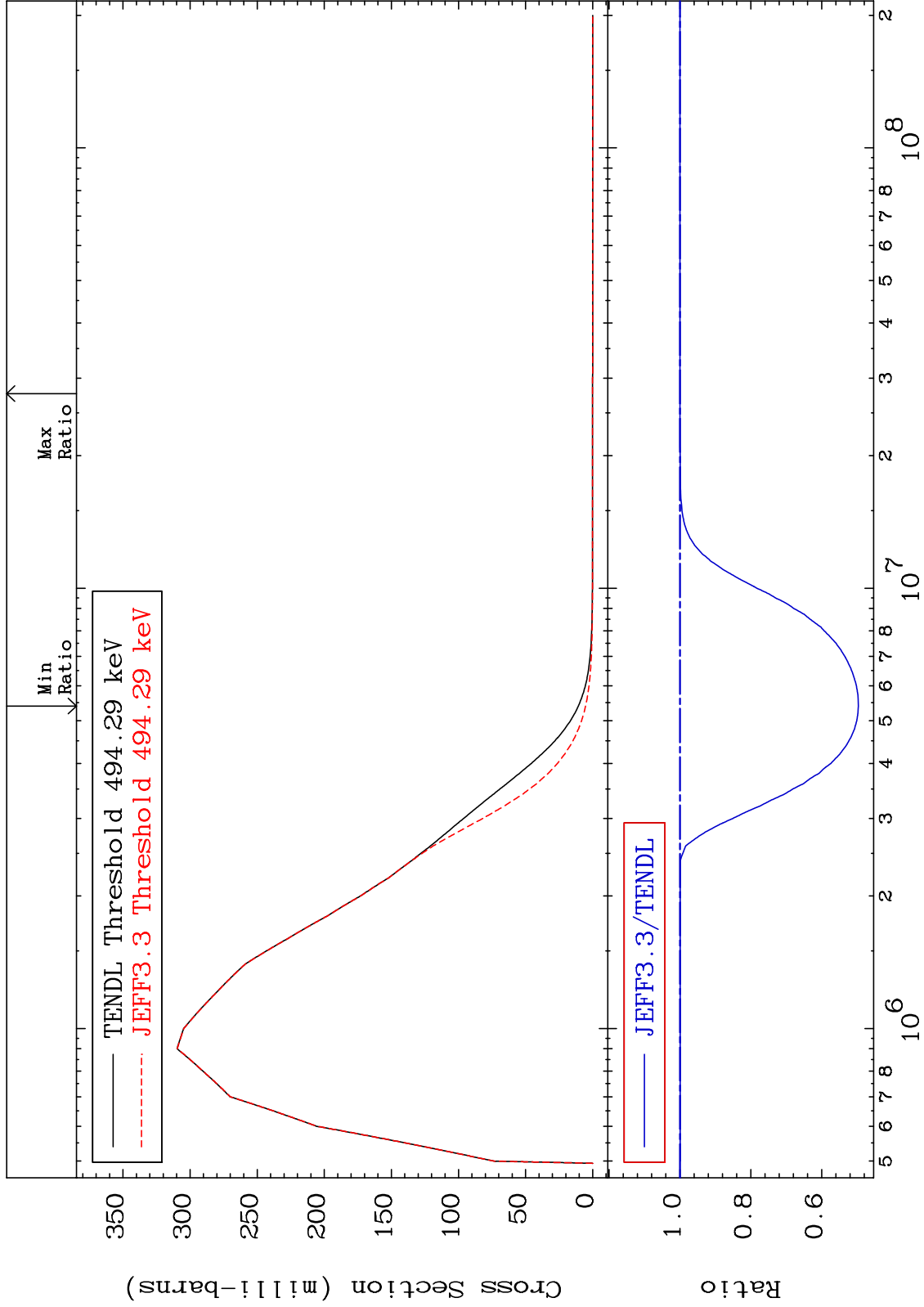
MAT 3131

MT= 52 (n, n') Level

31-Ga-71

-50.34 To 0.000 %

Cross Section



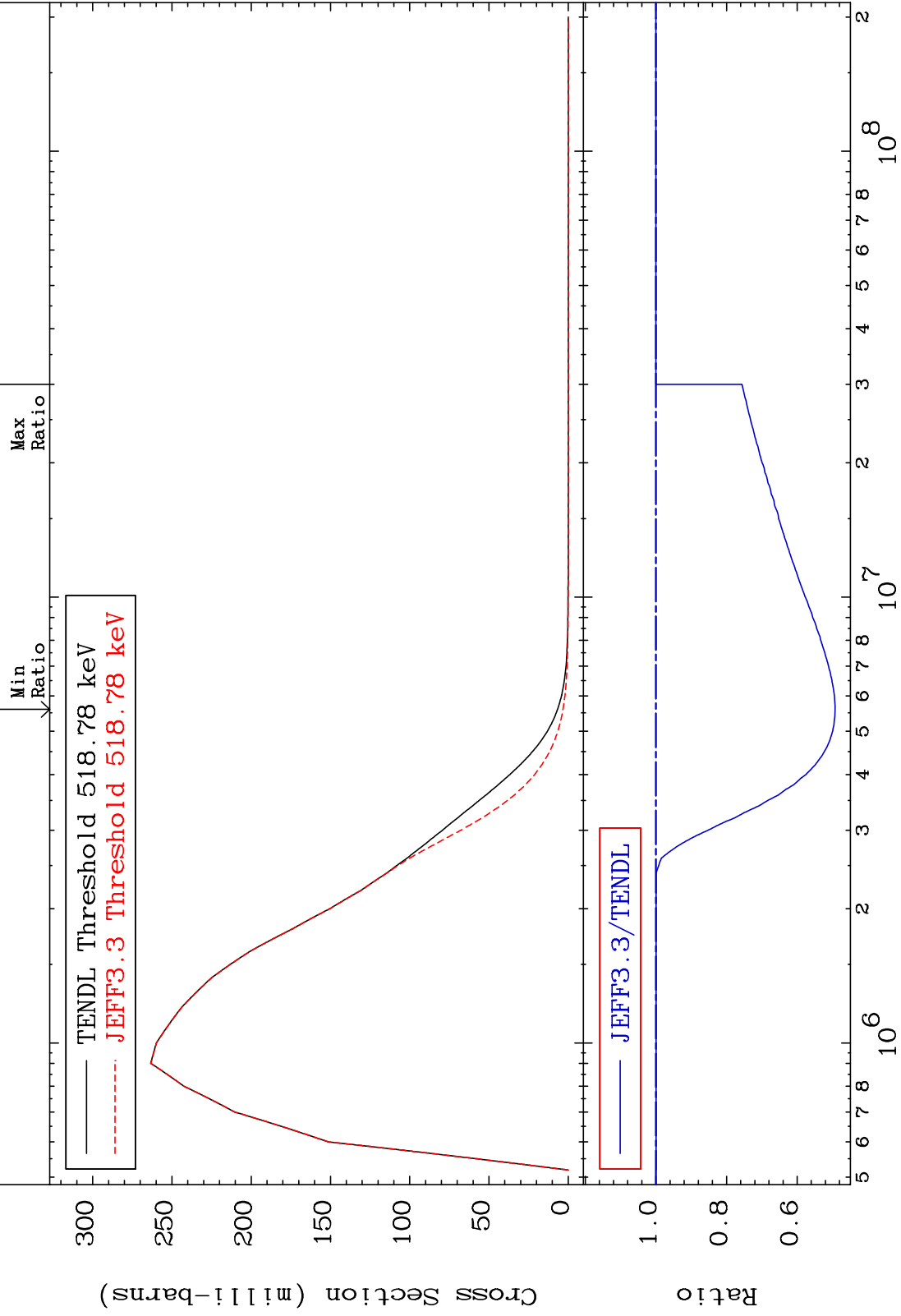
MAT 3131

MT= 53 (n, n') Level

31-Ga-71

-50.75 To 0.000 %

Cross Section



22

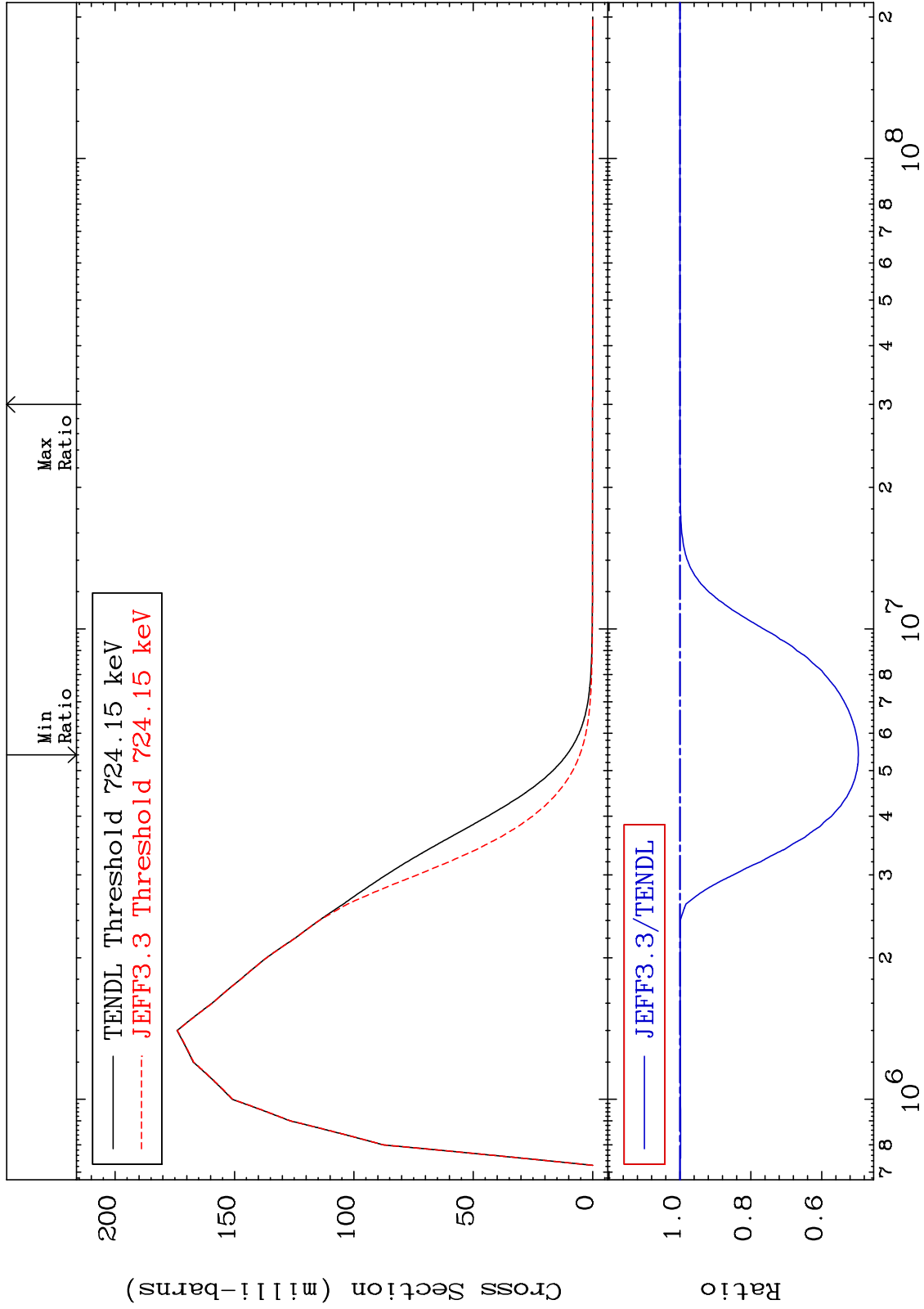
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-50.33 To 0.000 %



23

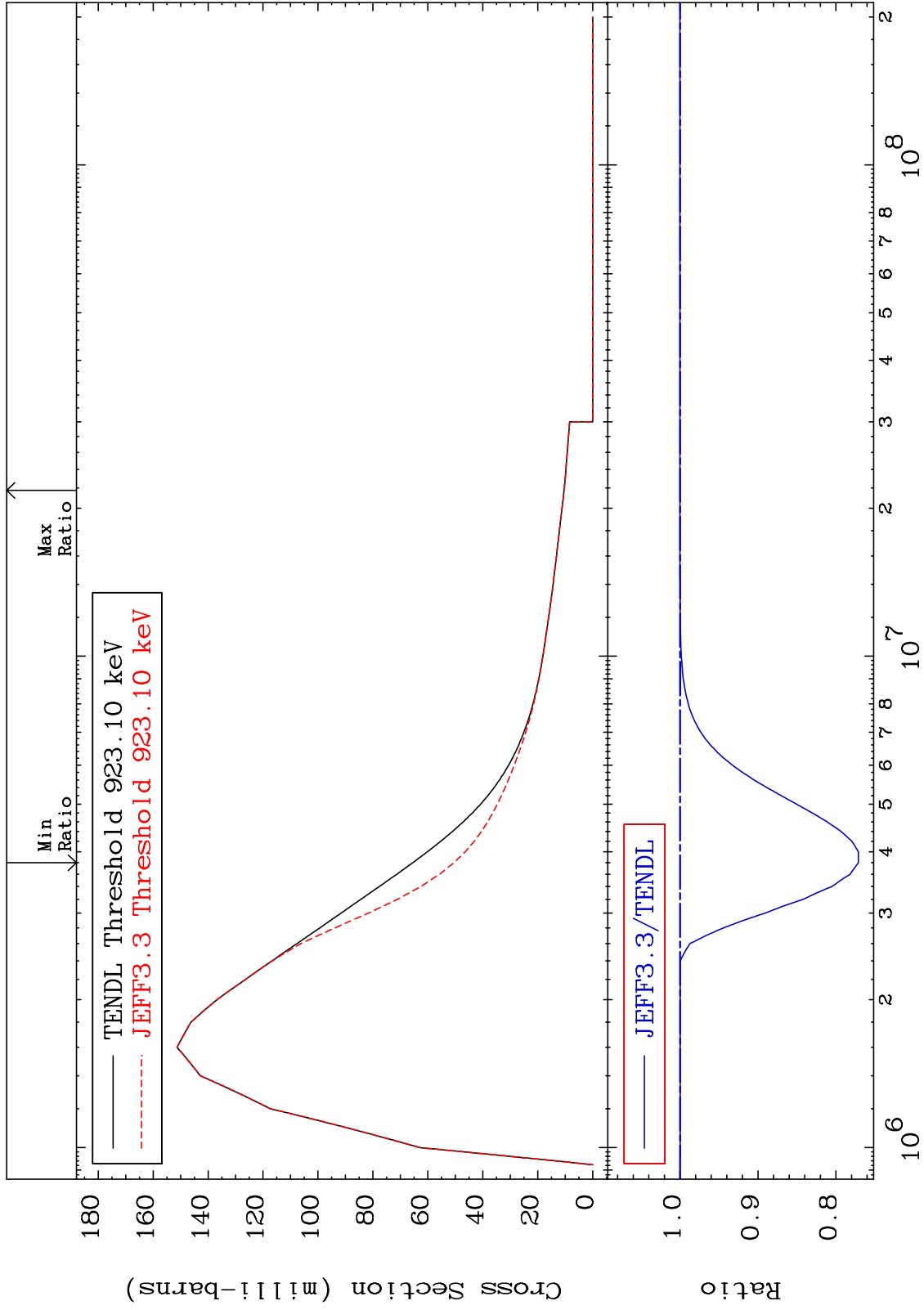
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-22.88 To 0.000 %



24

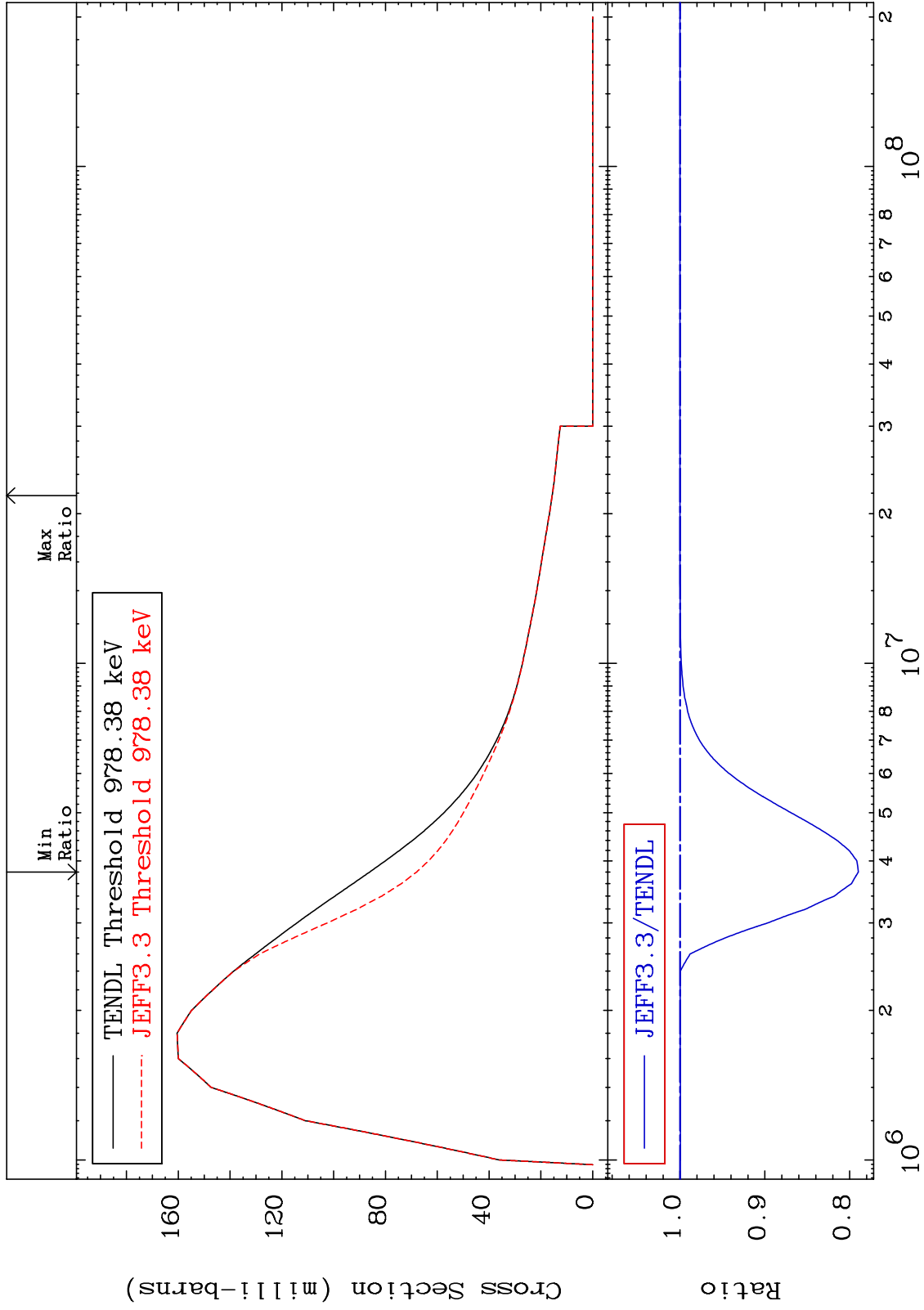
Incident Energy (eV)

31-Ga-71

MAT 3131

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

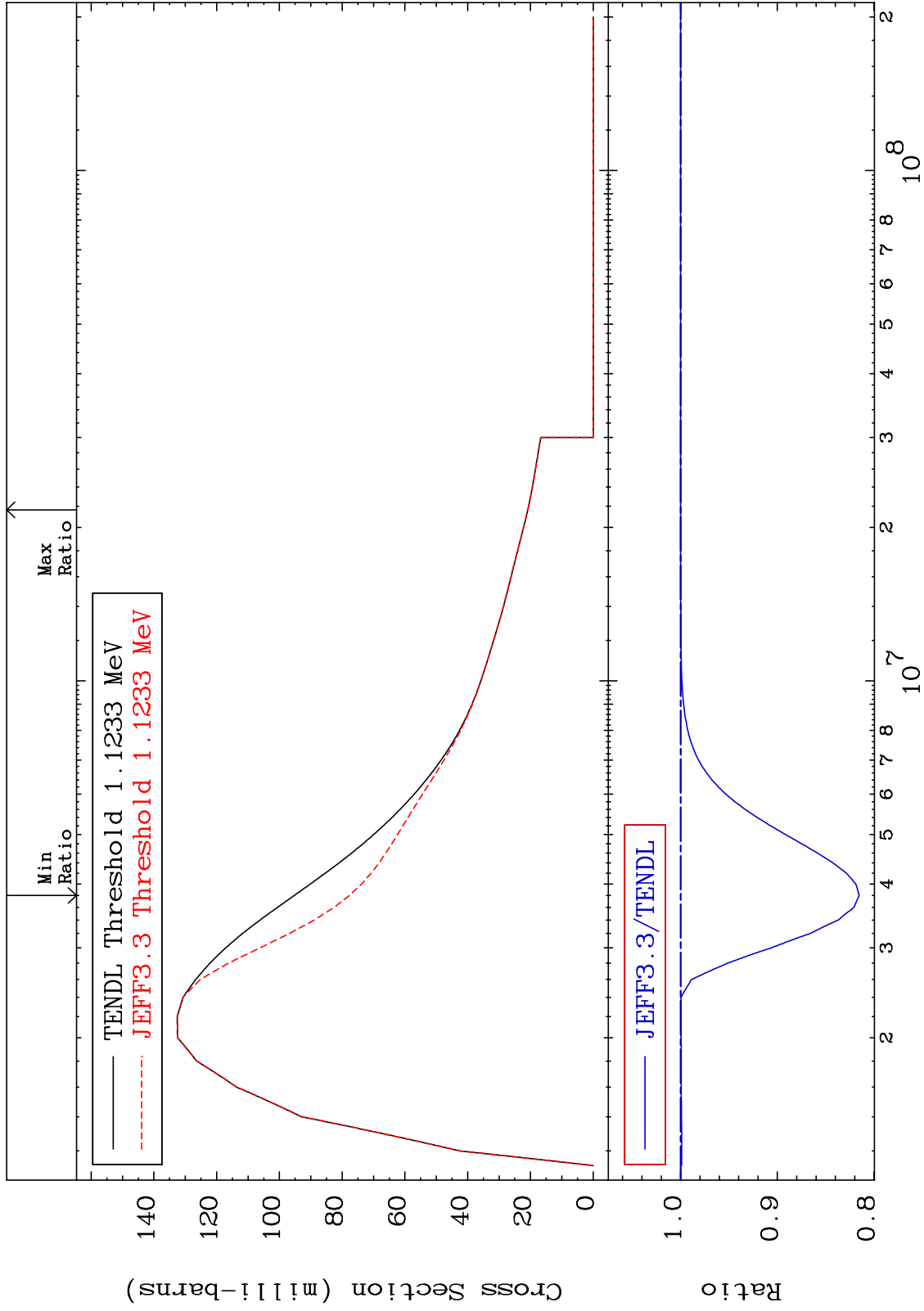
31-Ga-71
-21.02 To 0.000 %



MAT 3131

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

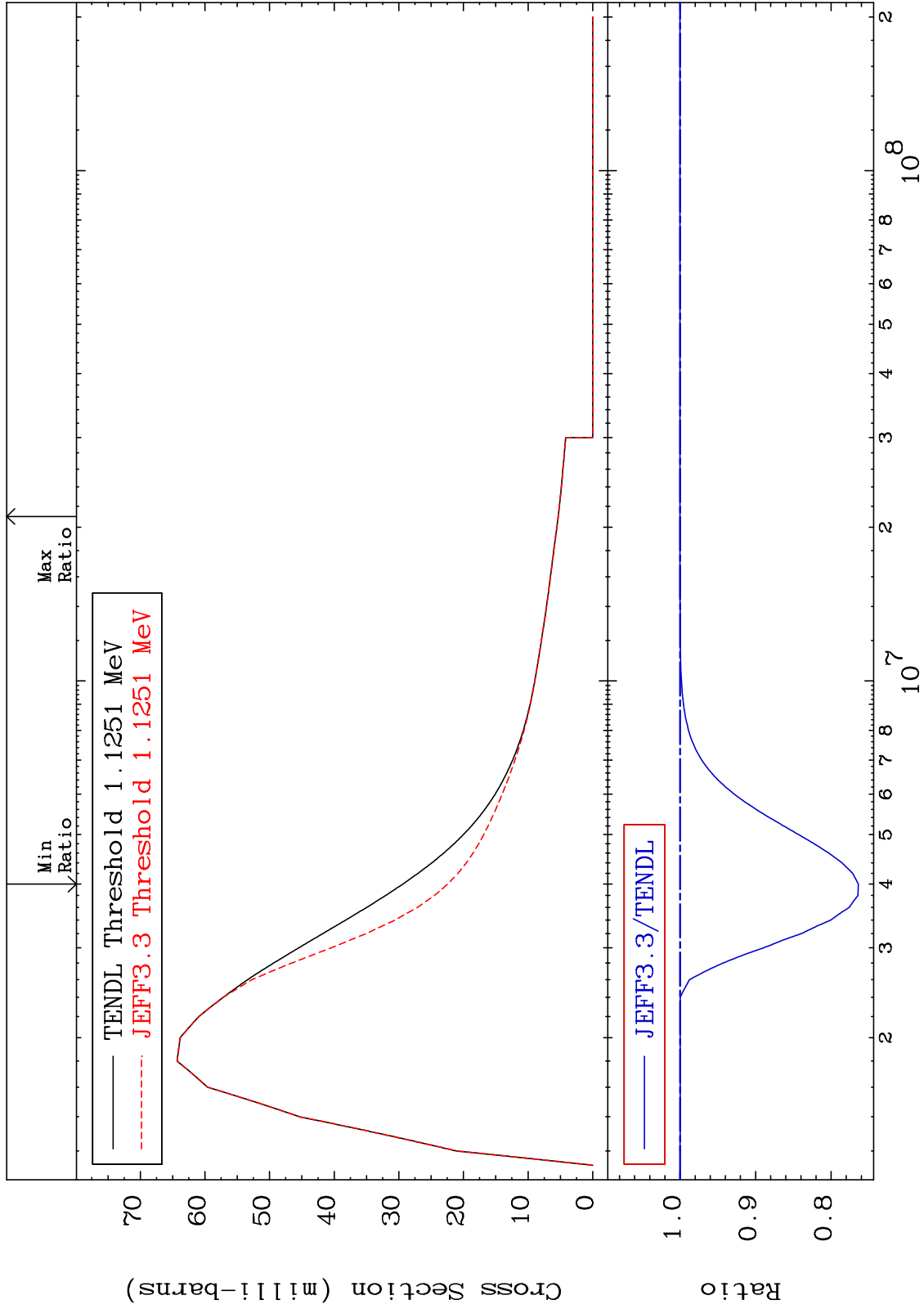
31-Ga-71
-18.46 To 0.000 %



MAT 3131

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

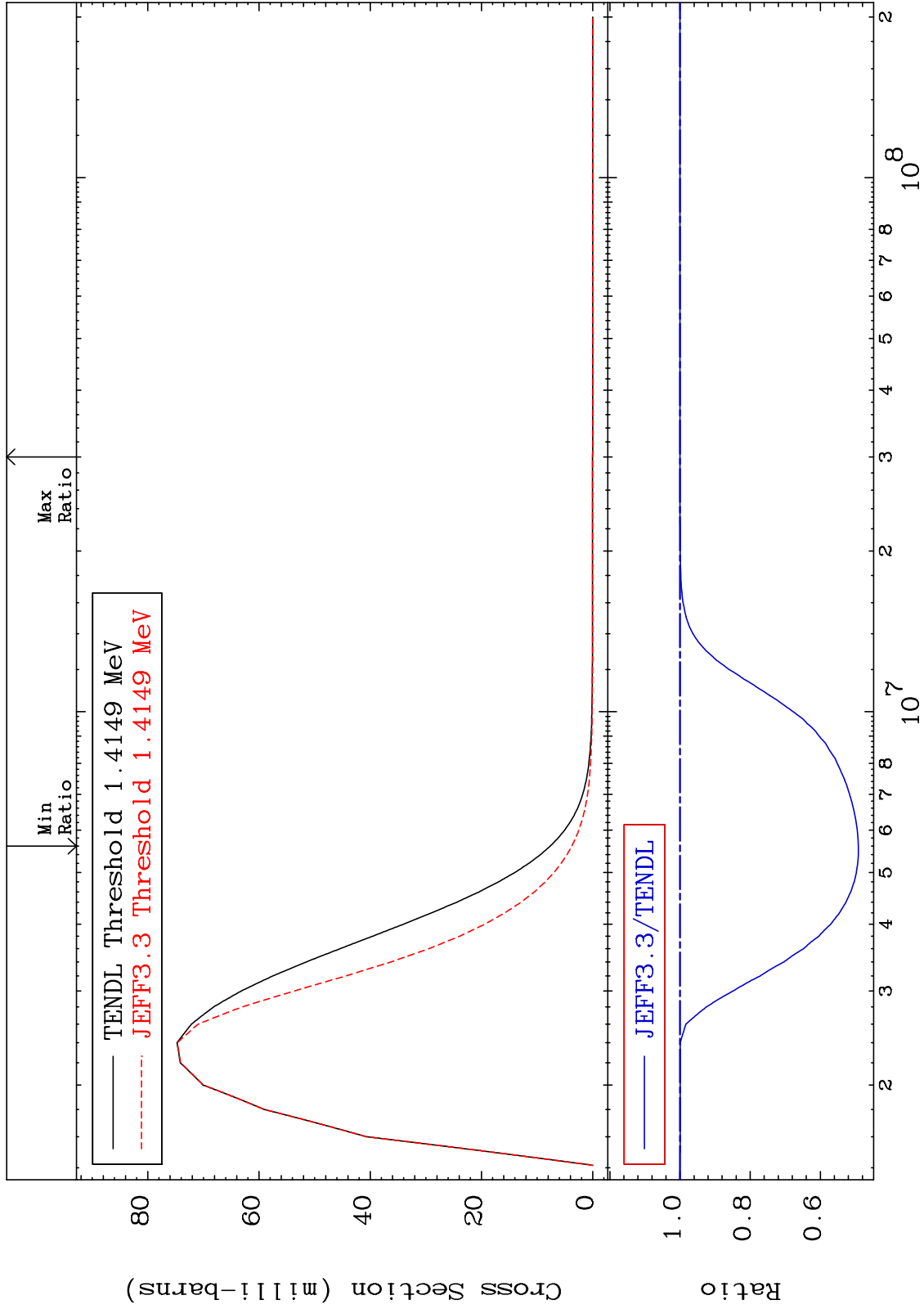
31-Ga-71
-23.61 To 0.000 %



MAT 3131

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

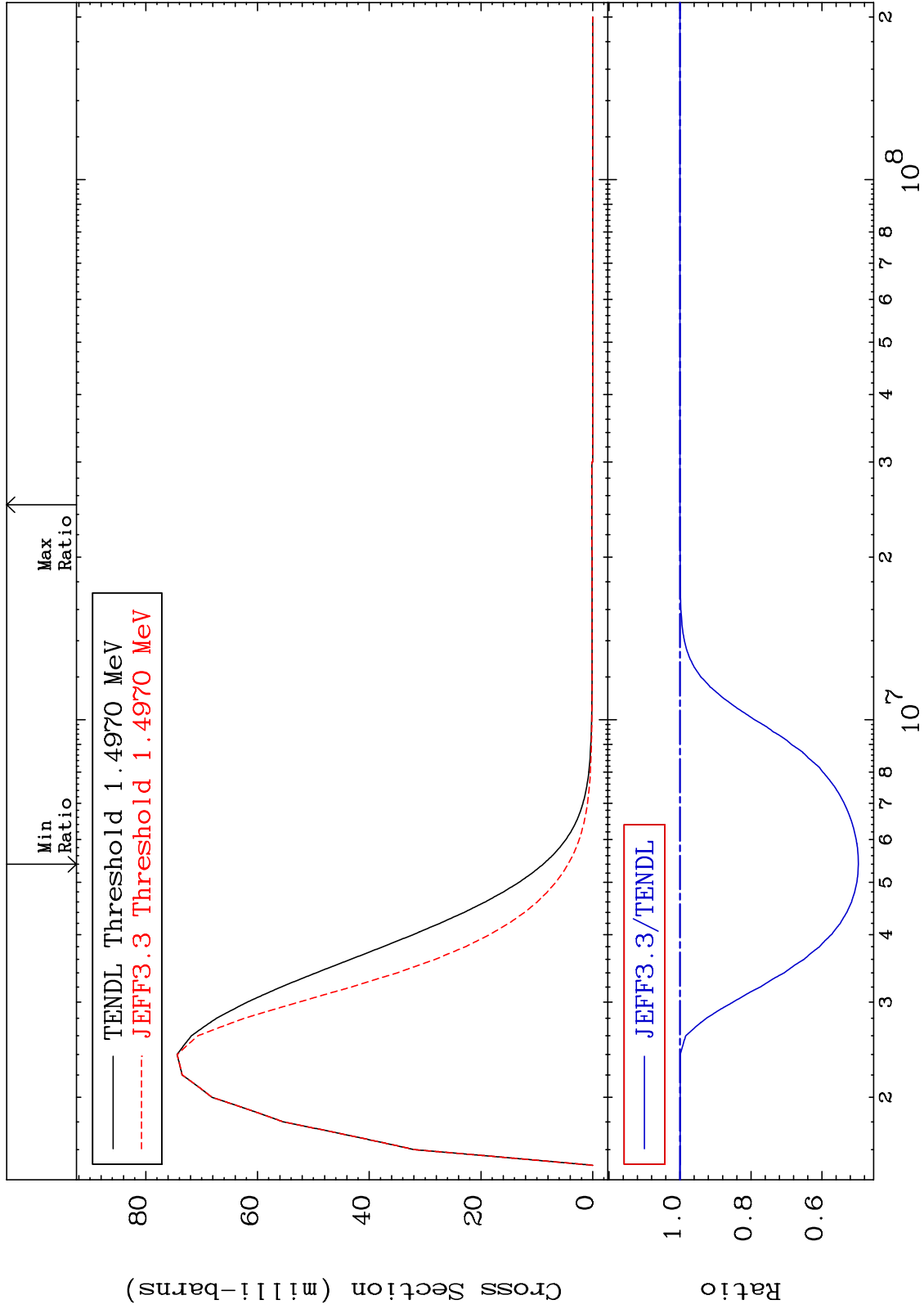
31-Ga-71
-50.86 To 0.000 %



MAT 3131

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

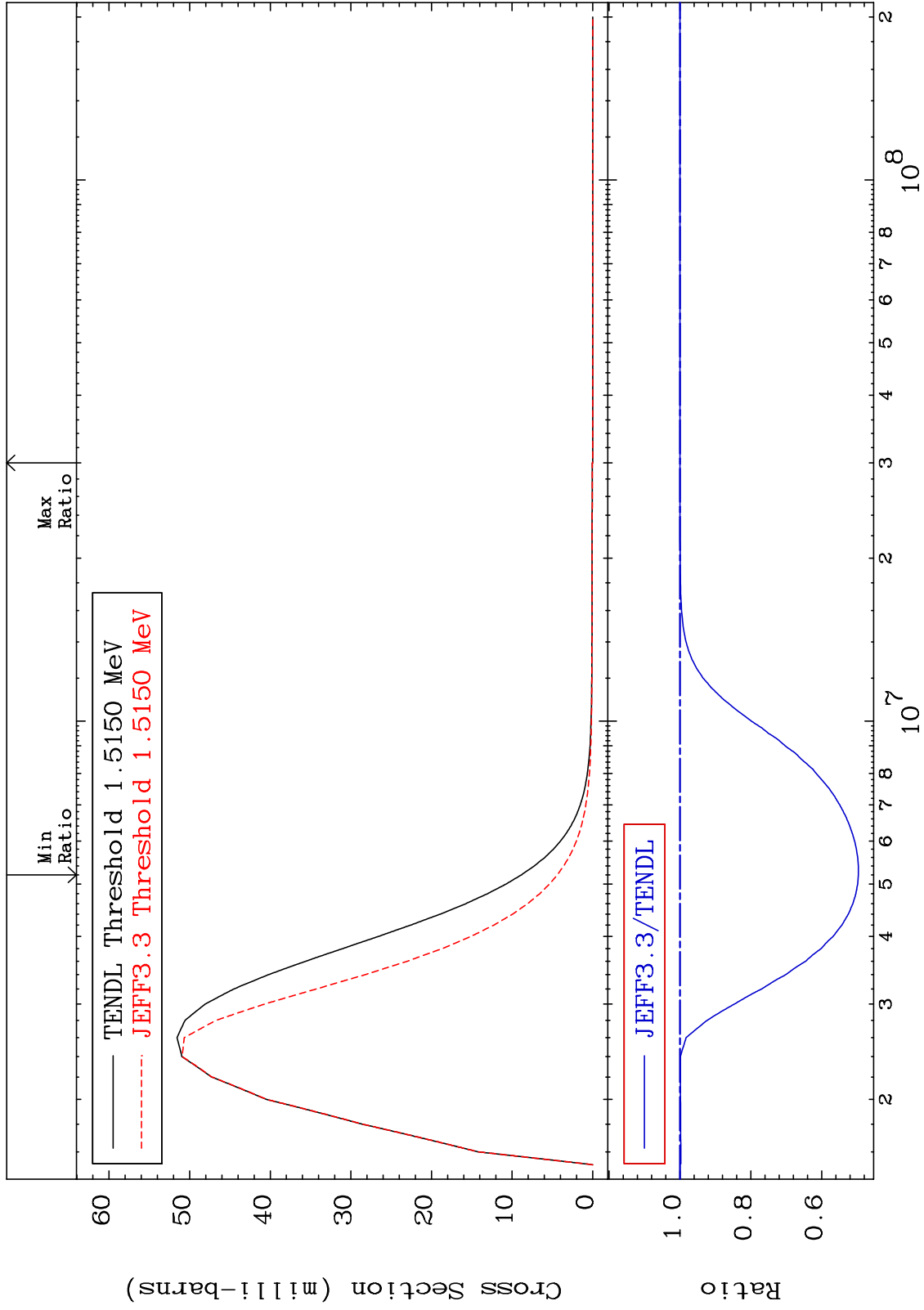
31-Ga-71
-50.27 To 0.000 %



MAT 3131

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

31-Ga-71
-50.35 To 0.000 %



30

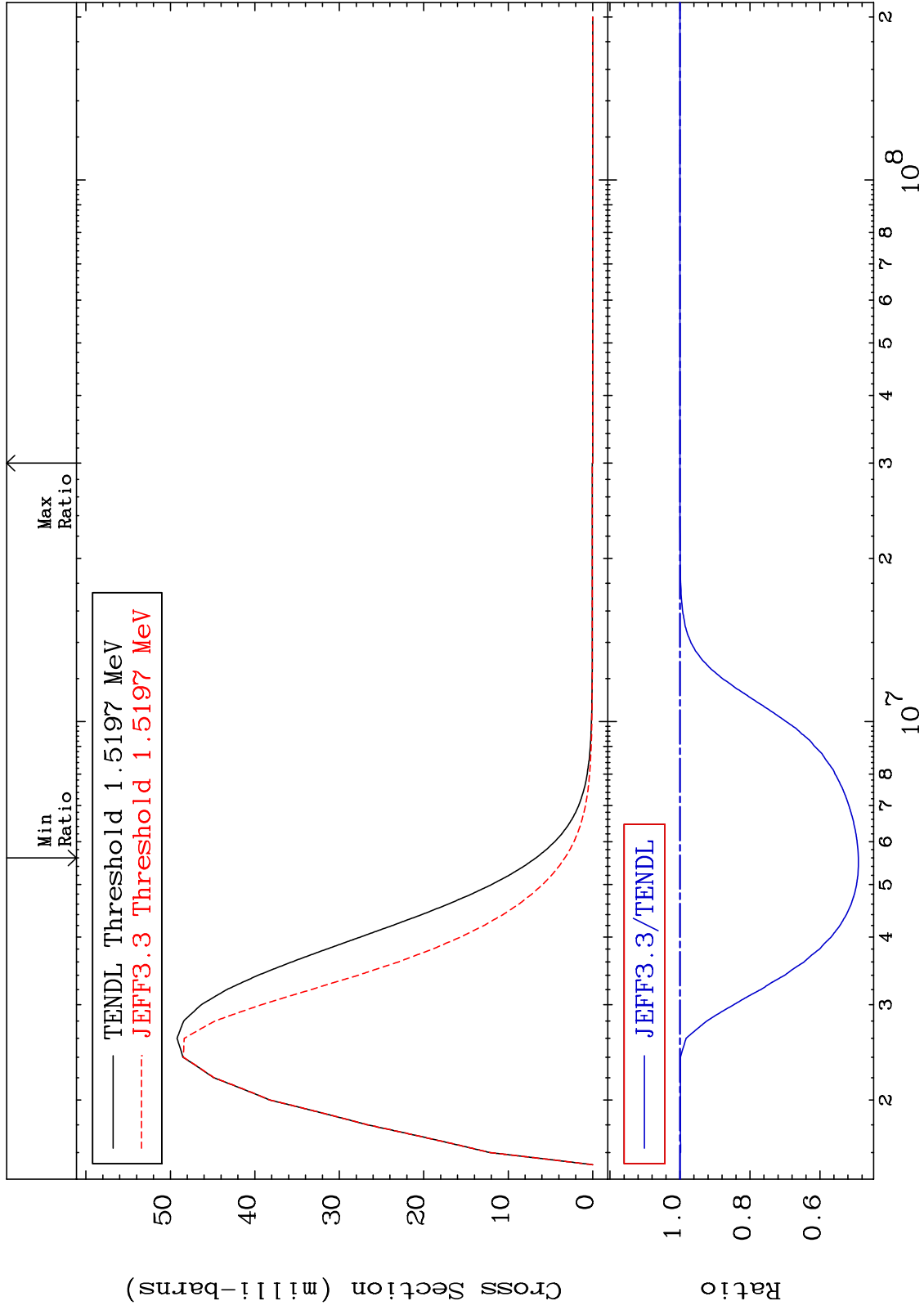
Incident Energy (eV)

31-Ga-71

MAT 3131

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

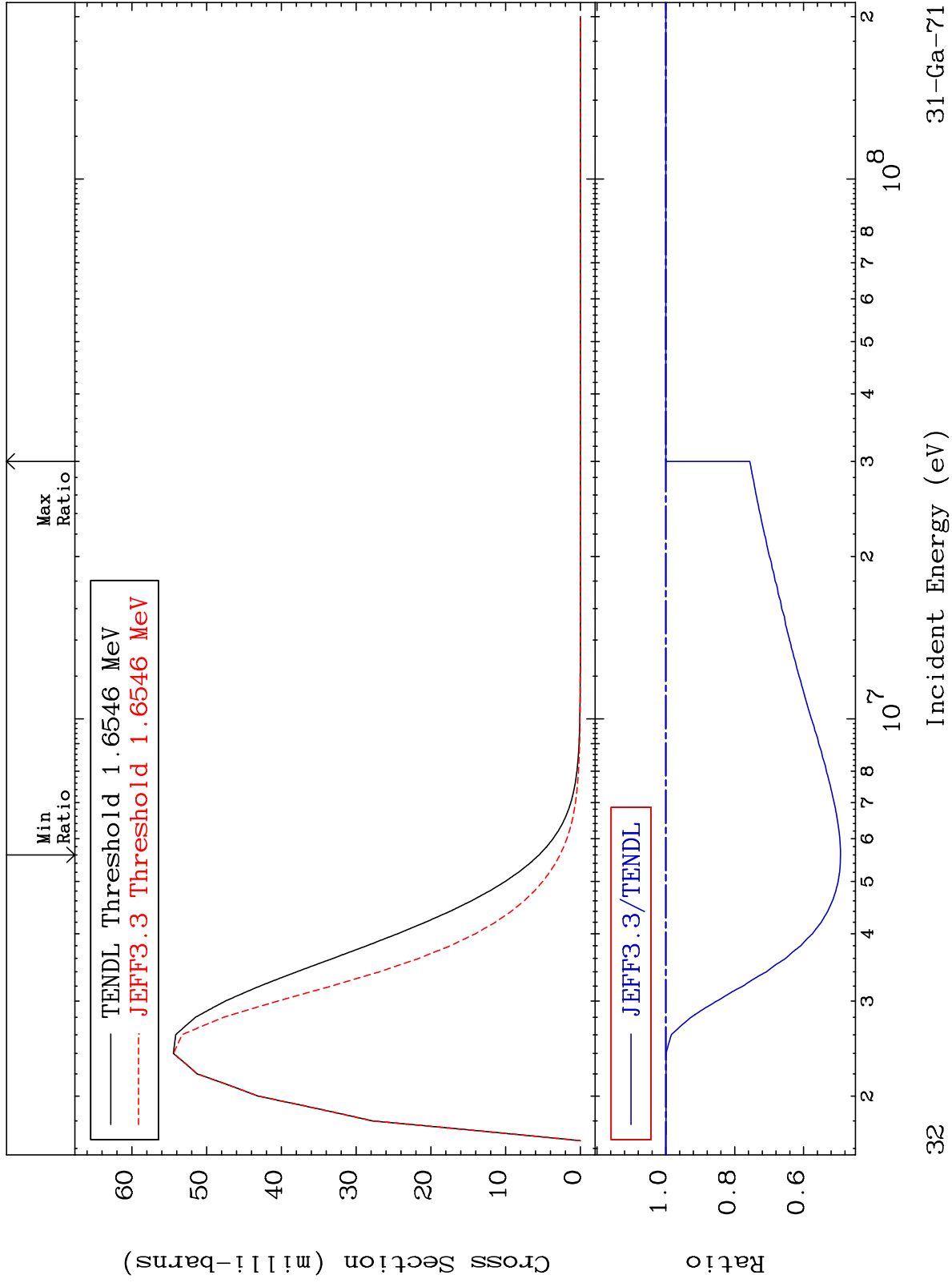
31-Ga-71
-50.98 To 0.000 %



MAT 3131

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

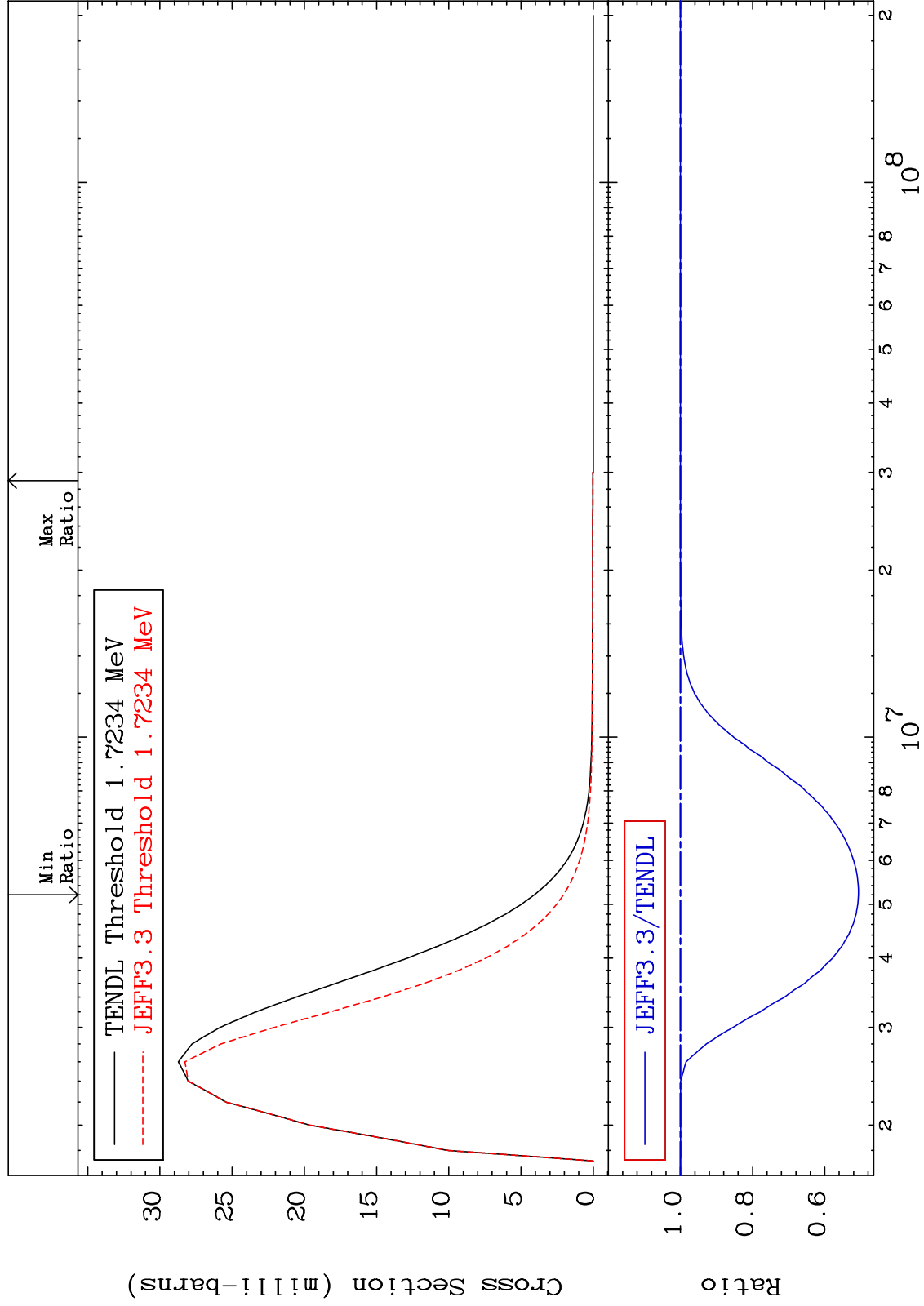
31-Ga-71
-50.73 To 0.000 %



MAT 3131

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

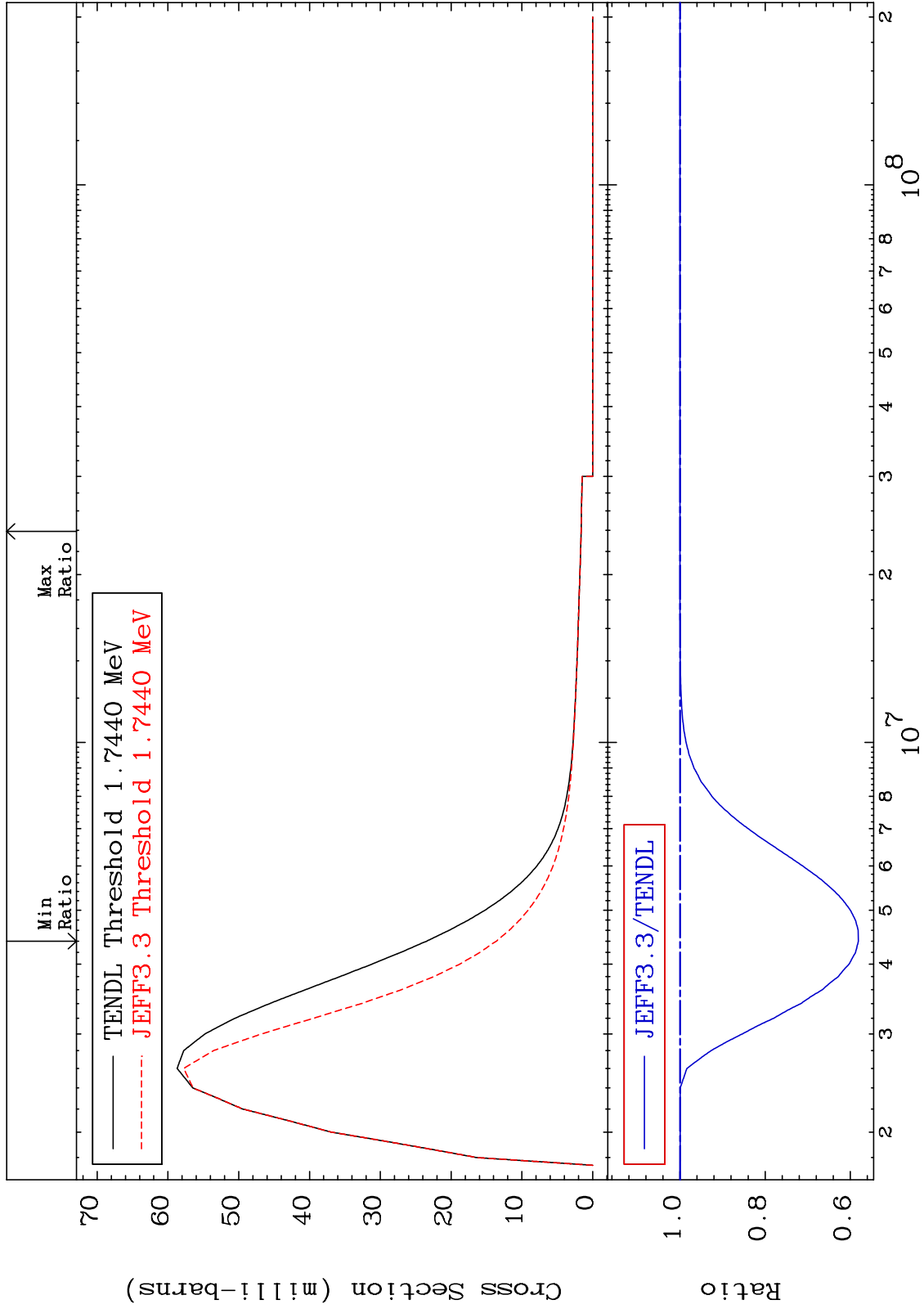
31-Ga-71
-49.36 To 0.000 %



MAT 3131

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

31-Ga-71
-41.92 To 0.000 %



34

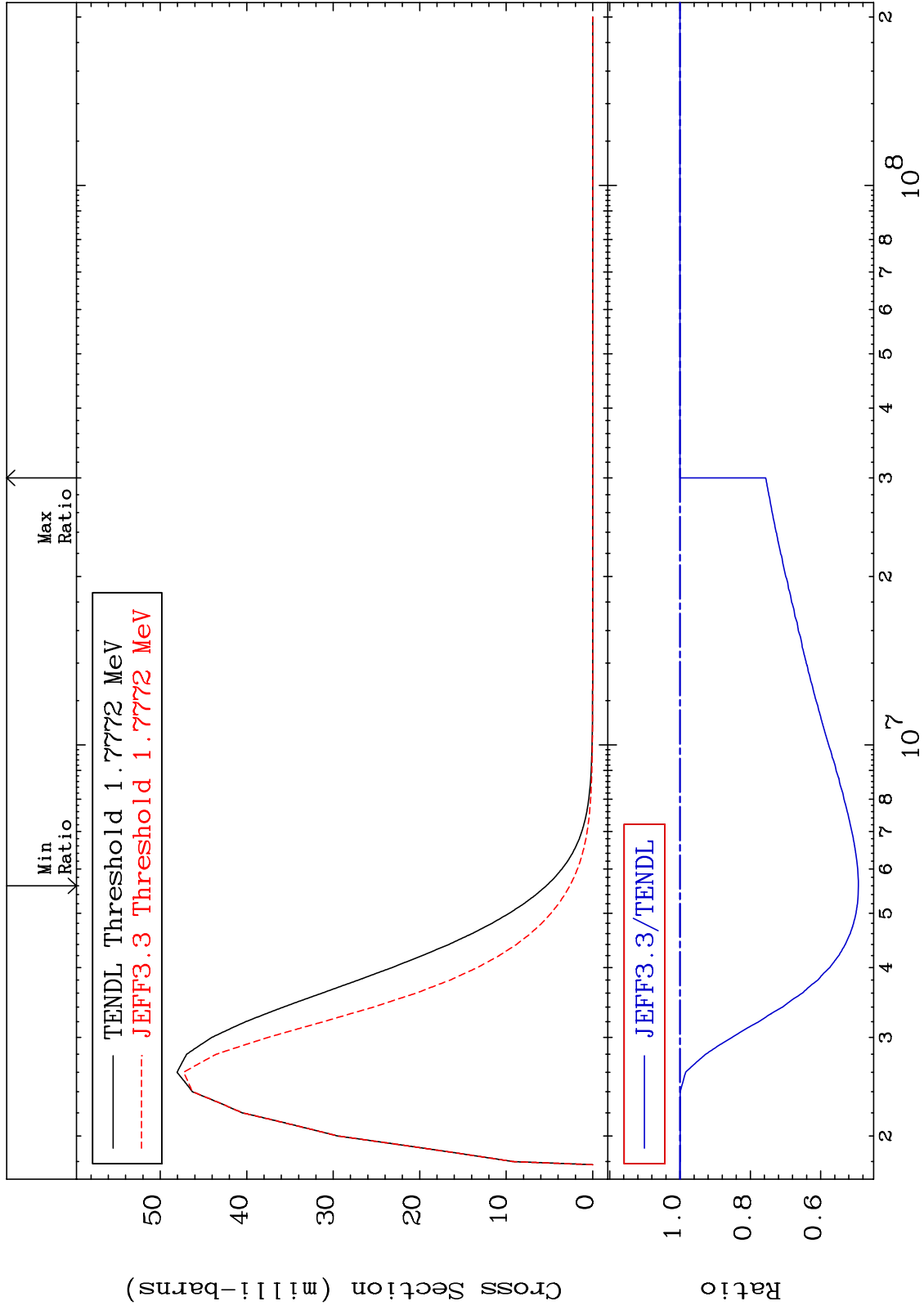
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-50.73 To 0.000 %



35

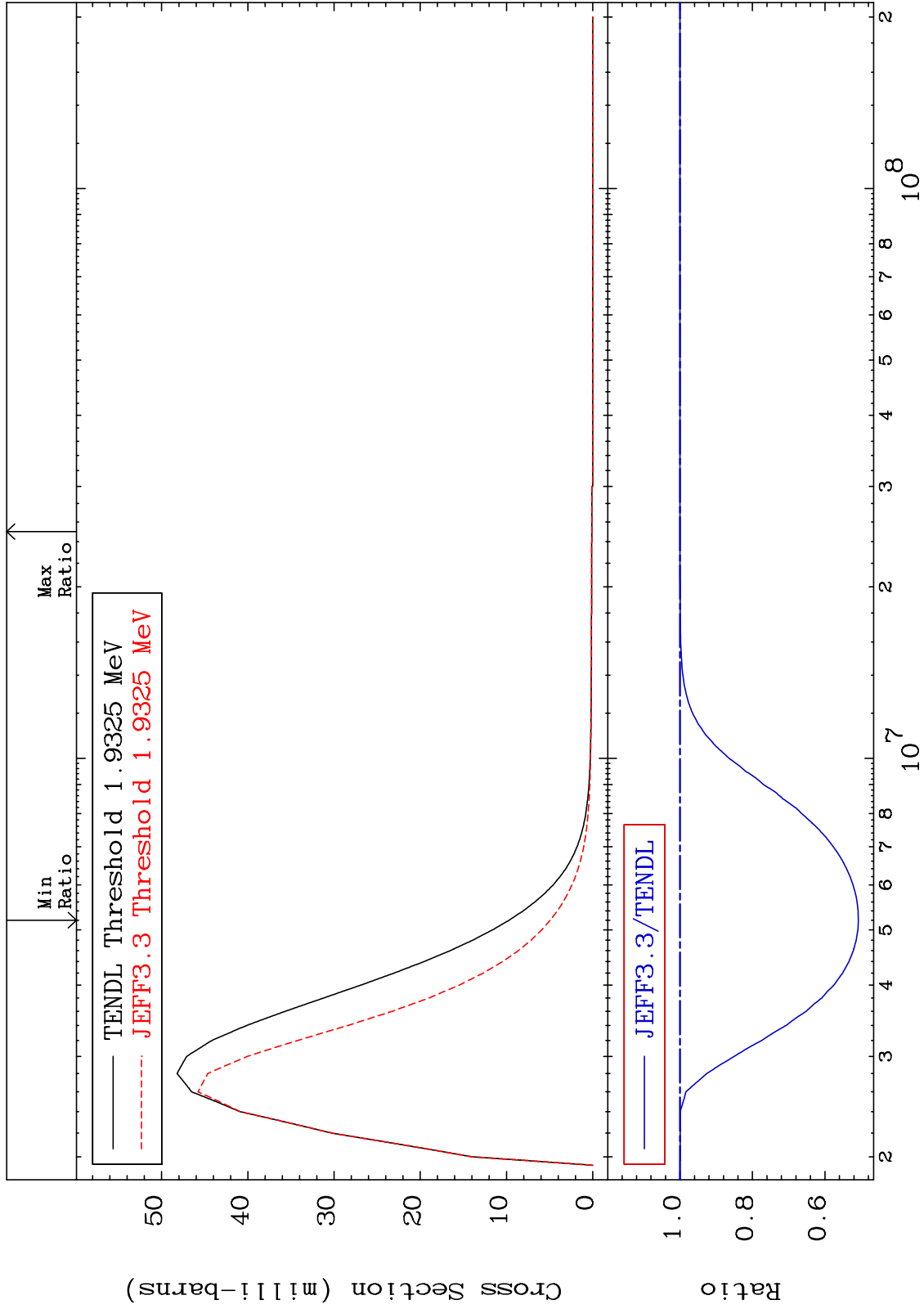
Incident Energy (eV)

31-Ga-71

MAT 3131

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

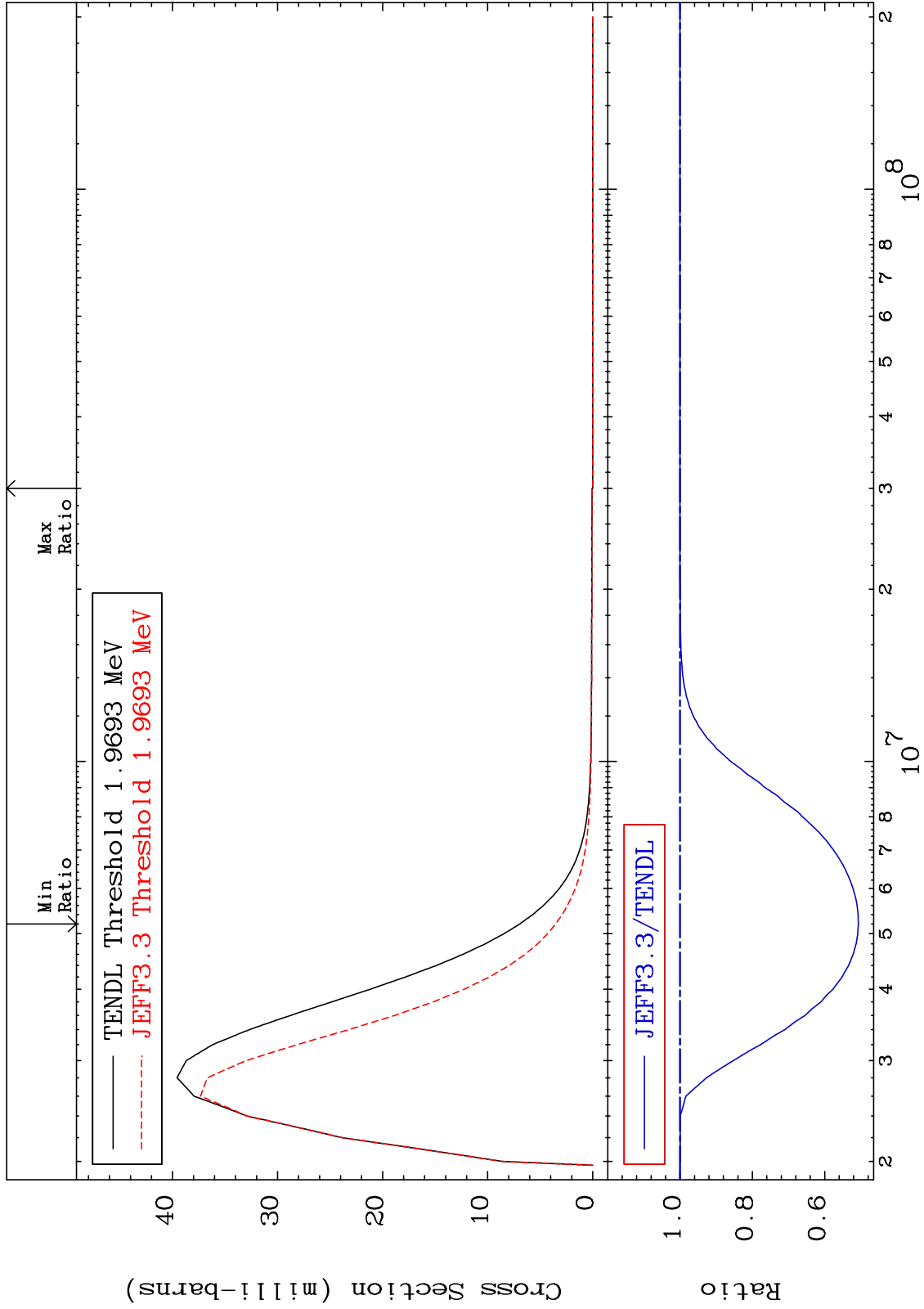
31-Ga-71
-49.25 To 0.000 %



MAT 3131

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

31-Ga-71
-49.33 To 0.000 %



37

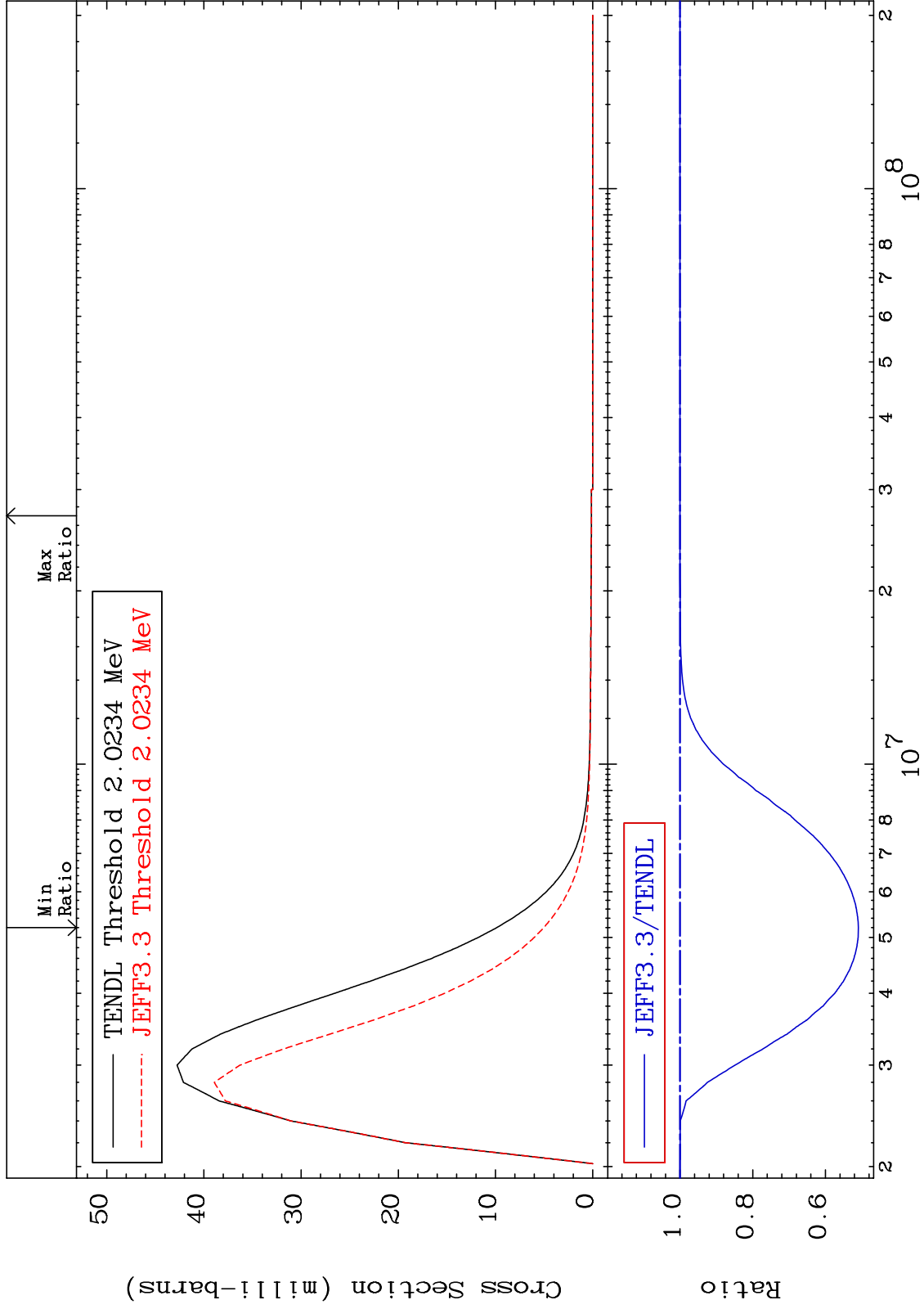
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-49.07 To 0.000 %



38

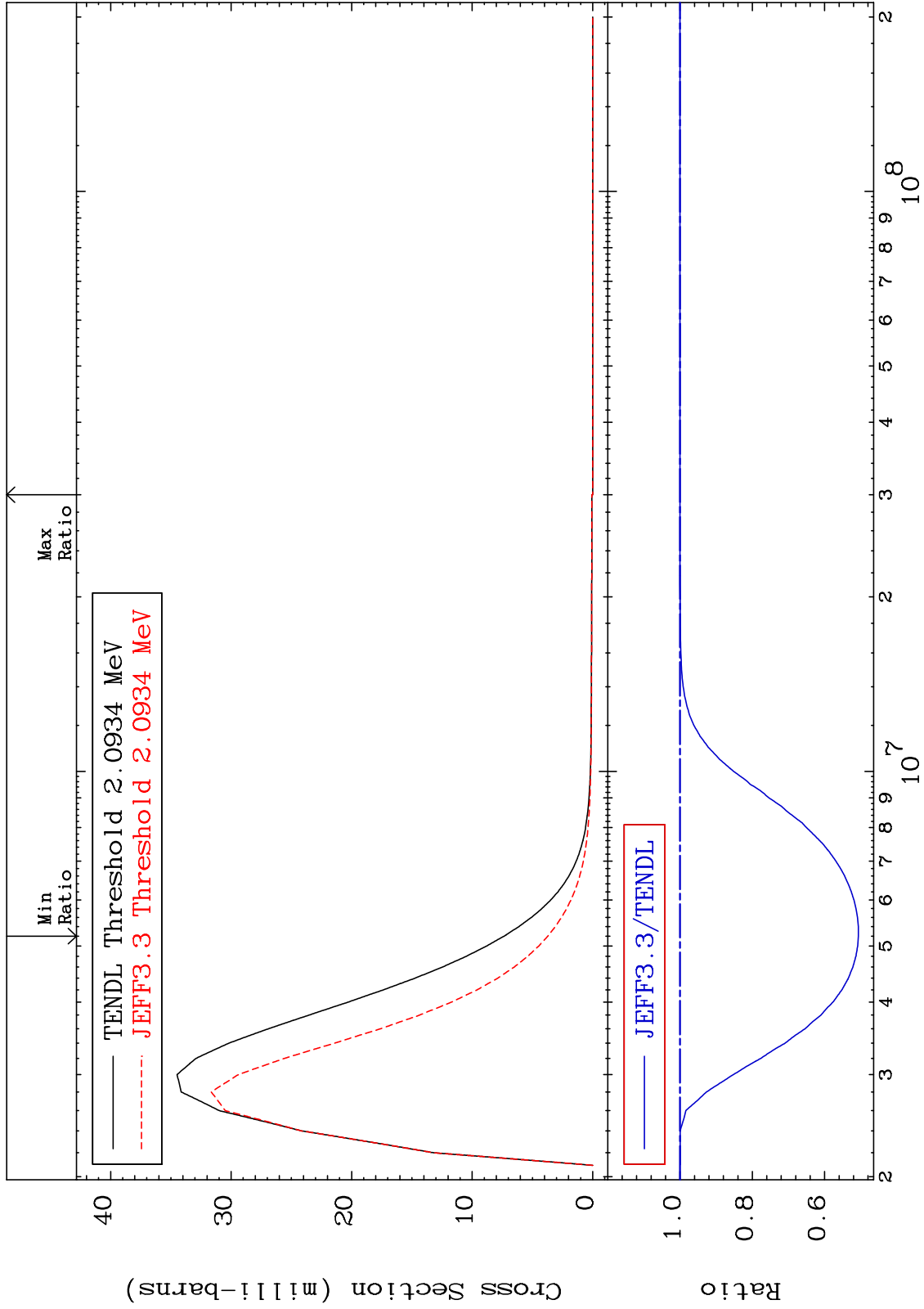
Incident Energy (eV)

31-Ga-71

MAT 3131

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

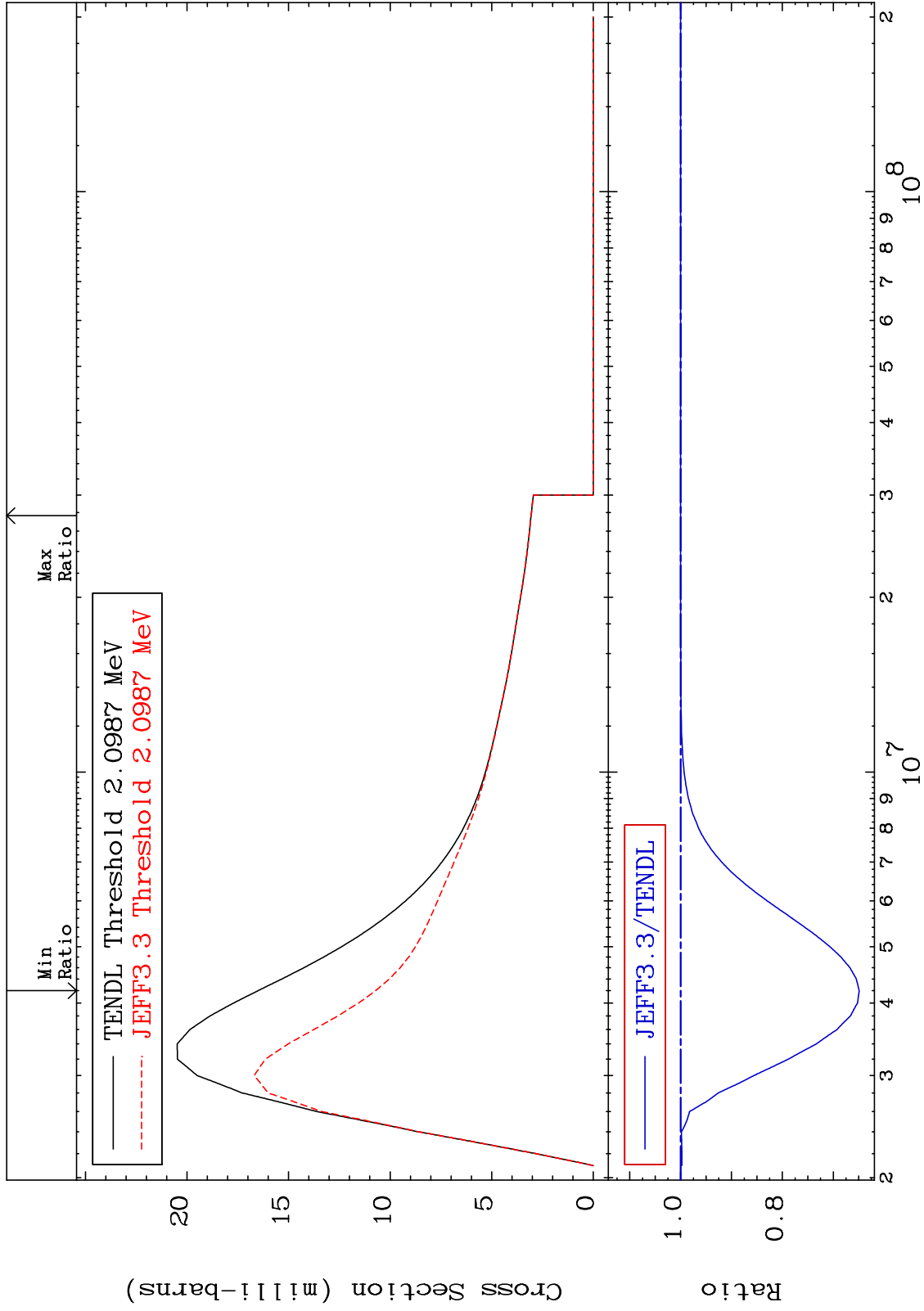
31-Ga-71
-49.34 To 0.000 %



MAT 3131

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

31-Ga-71
-35.09 To 0.000 %



40

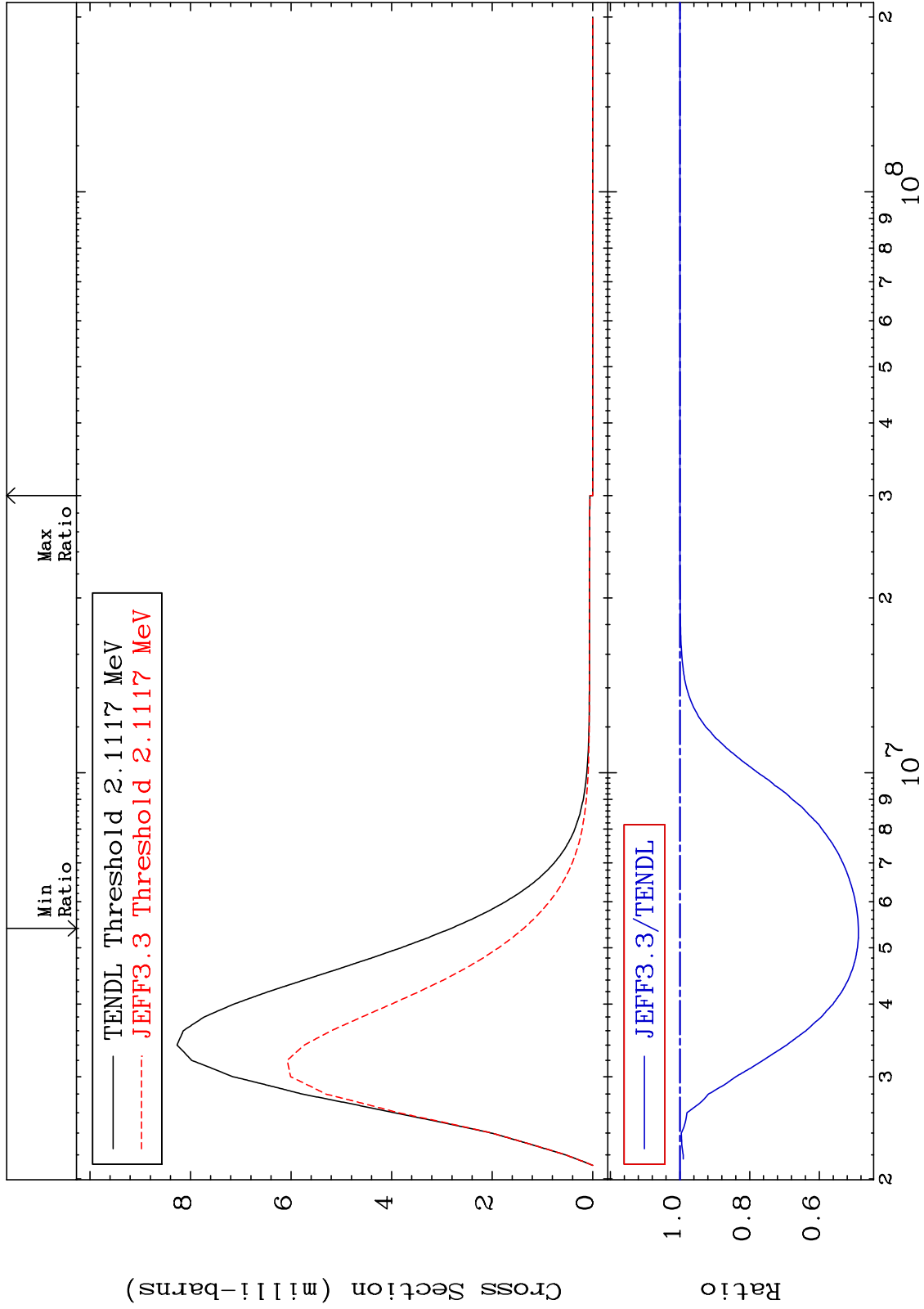
31-Ga-71

31-Ga-71

MAT 3131

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

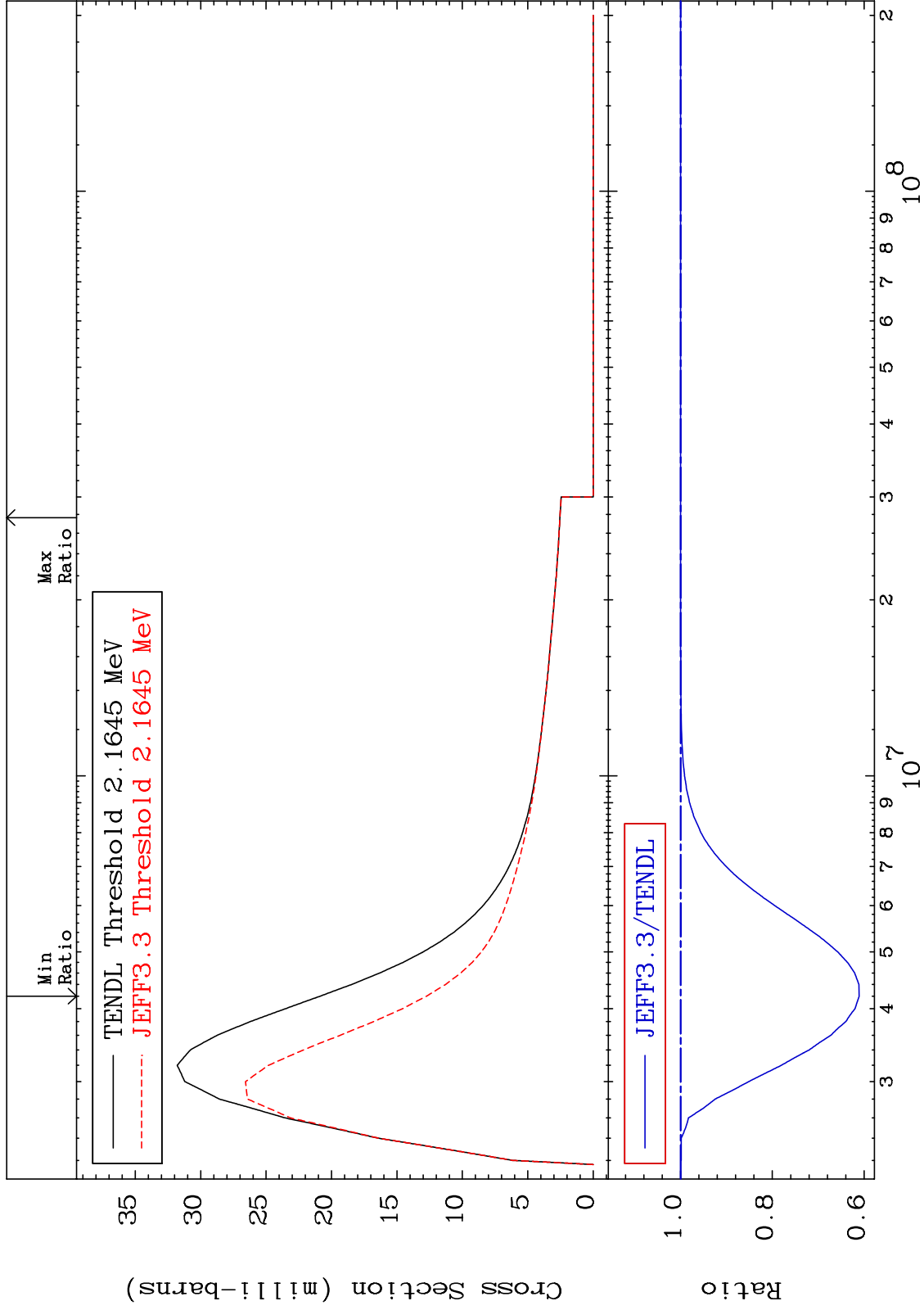
31-Ga-71
-51.23 To 0.000 %



MAT 3131

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

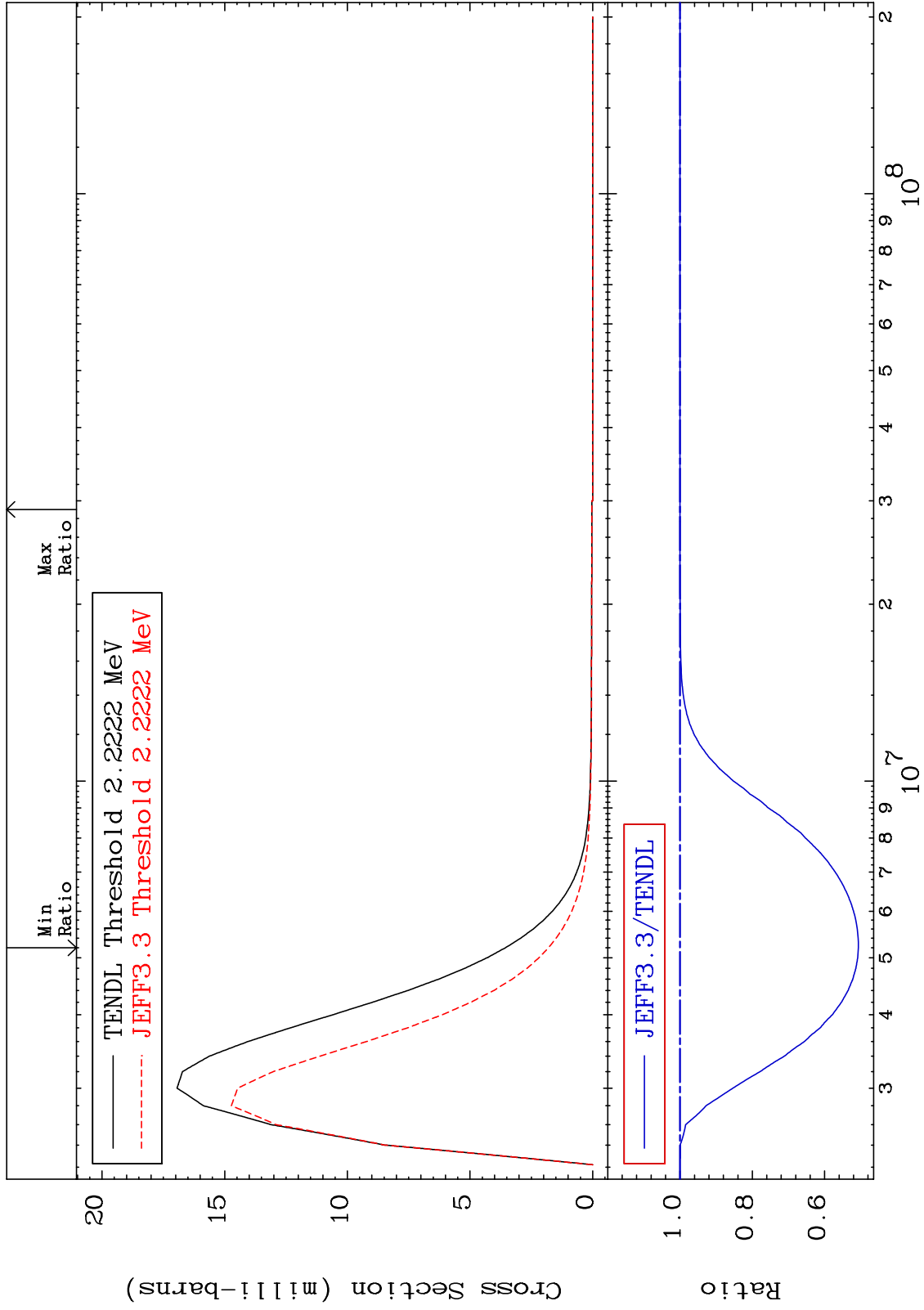
31-Ga-71
-38.93 To 0.000 %



MAT 3131

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

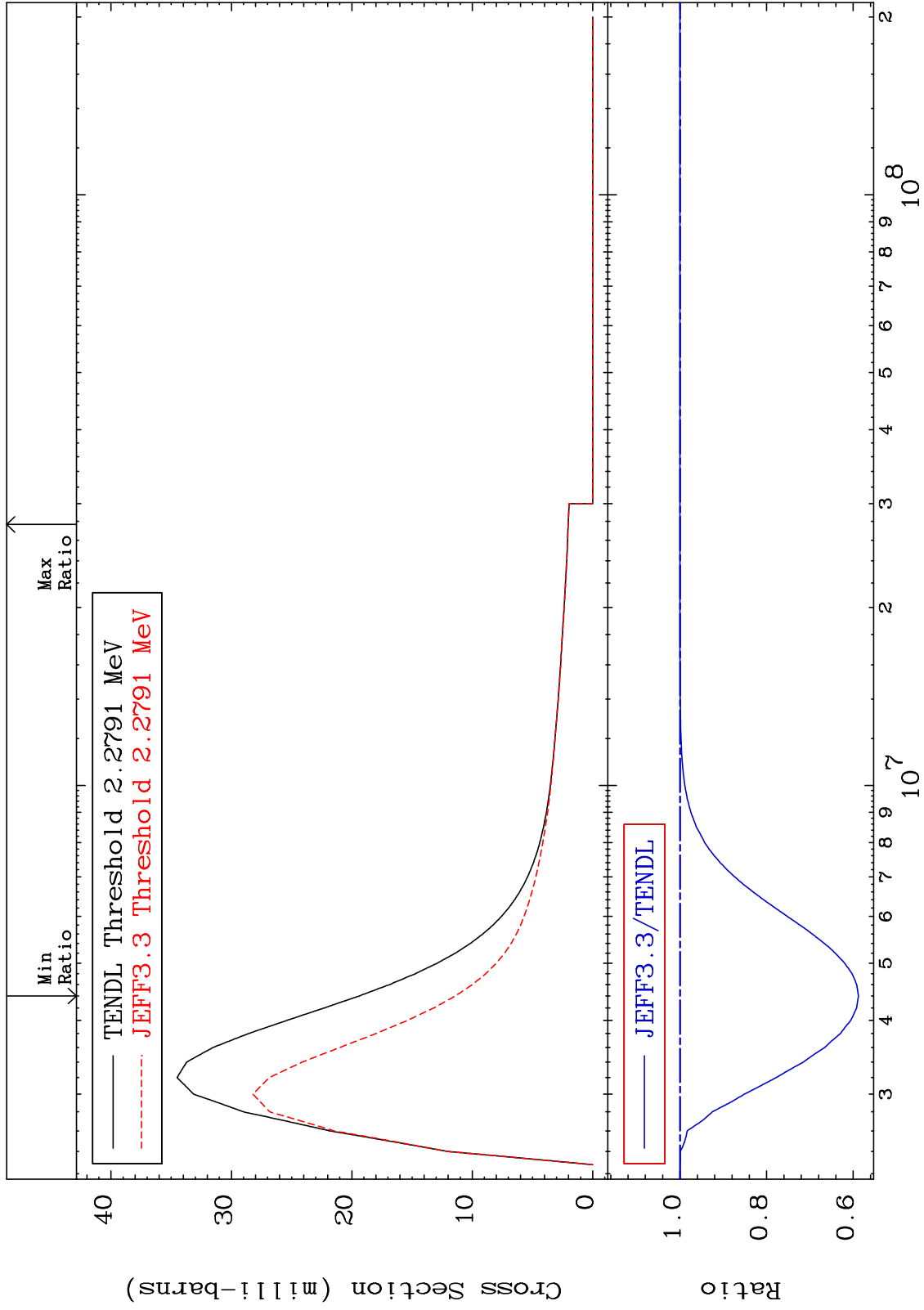
31-Ga-71
-49.34 To 0.000 %



MAT 3131

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

31-Ga-71
-41.20 To 0.000 %



44

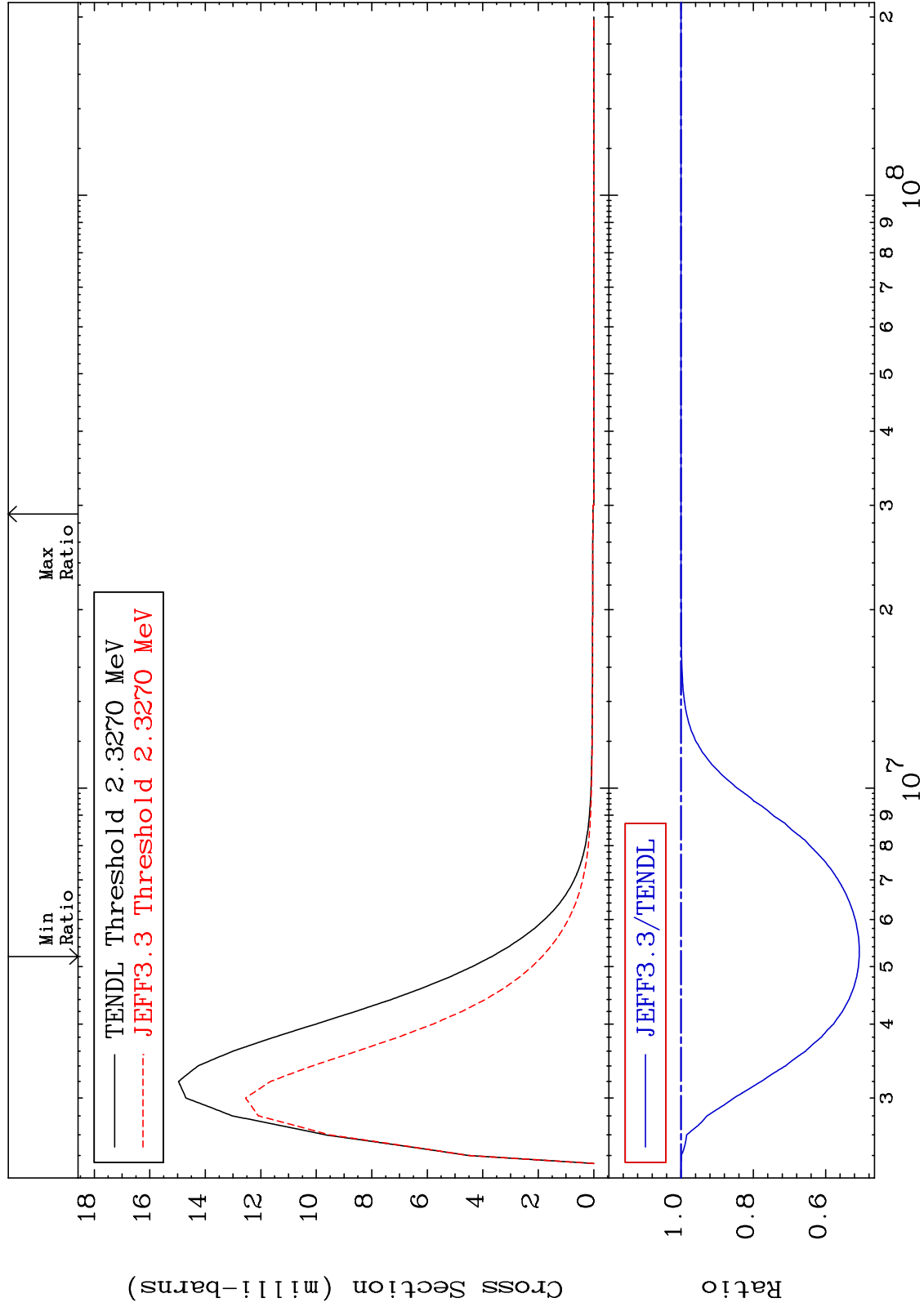
Incident Energy (eV)

31-Ga-71

MAT 3131

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

31-Ga-71
-49.33 To 0.000 %



45

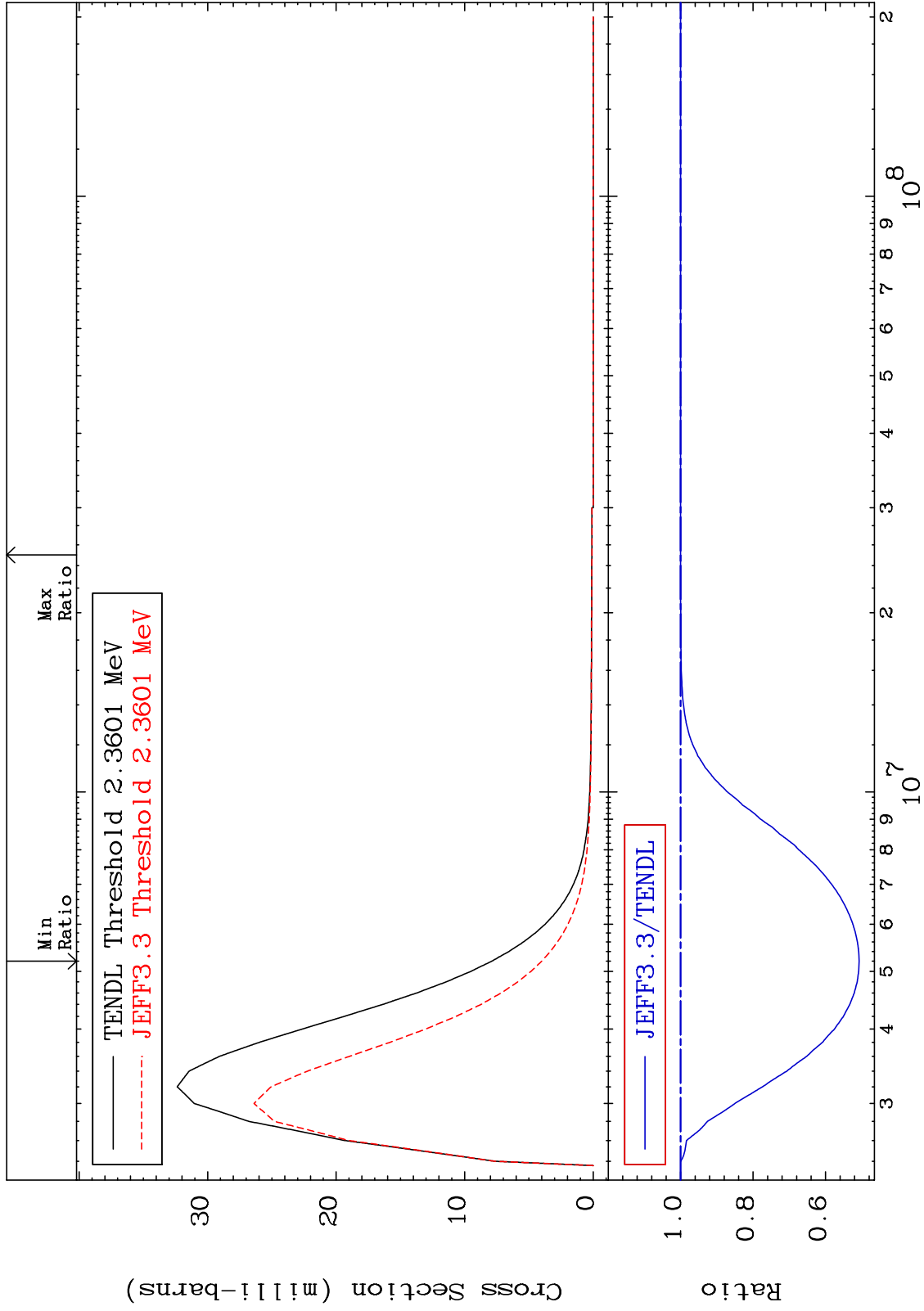
Incident Energy (eV)

31-Ga-71

MAT 3131

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

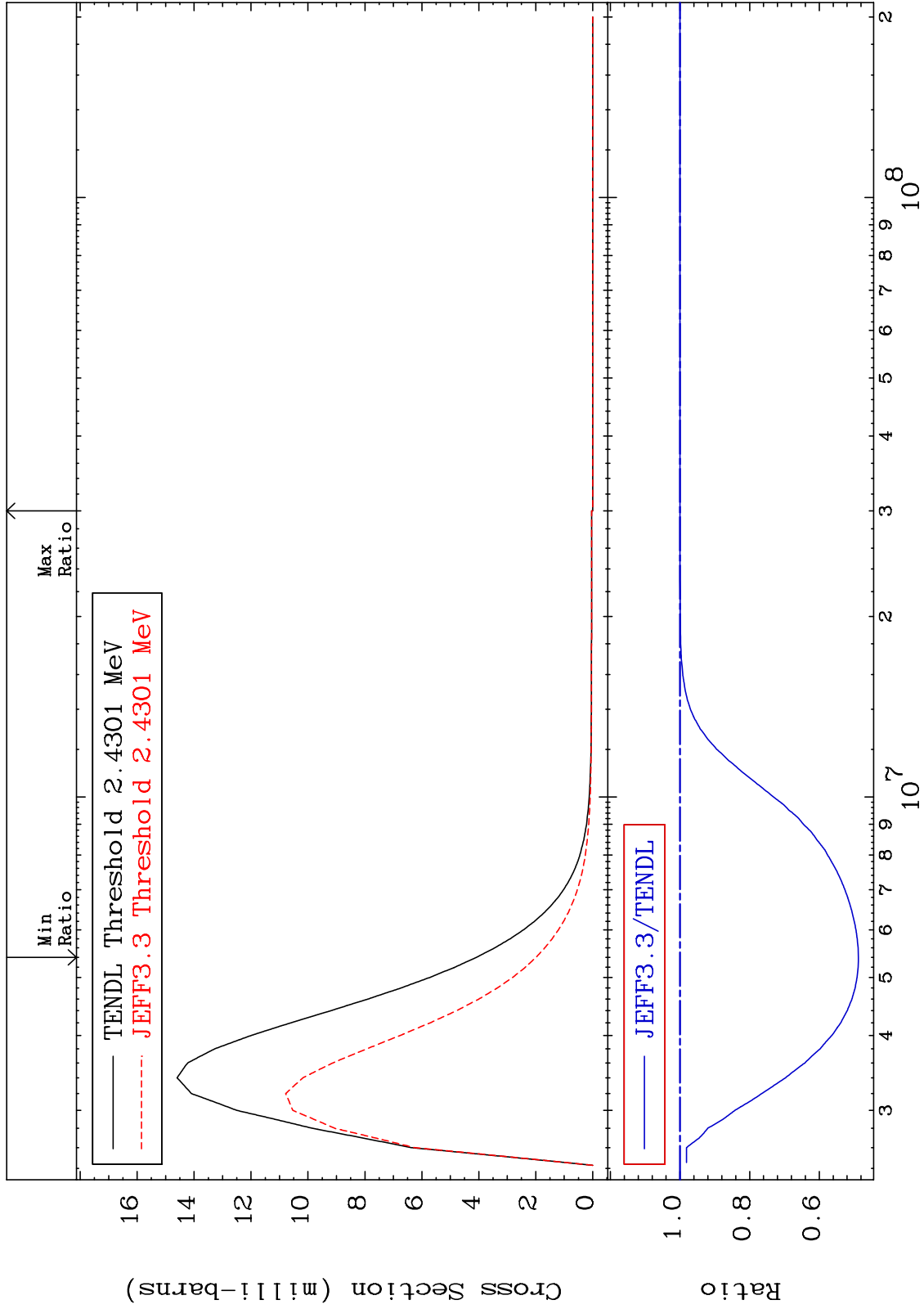
31-Ga-71
-49.27 To 0.000 %



MAT 3131

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

31-Ga-71
-51.24 To 0.000 %



47

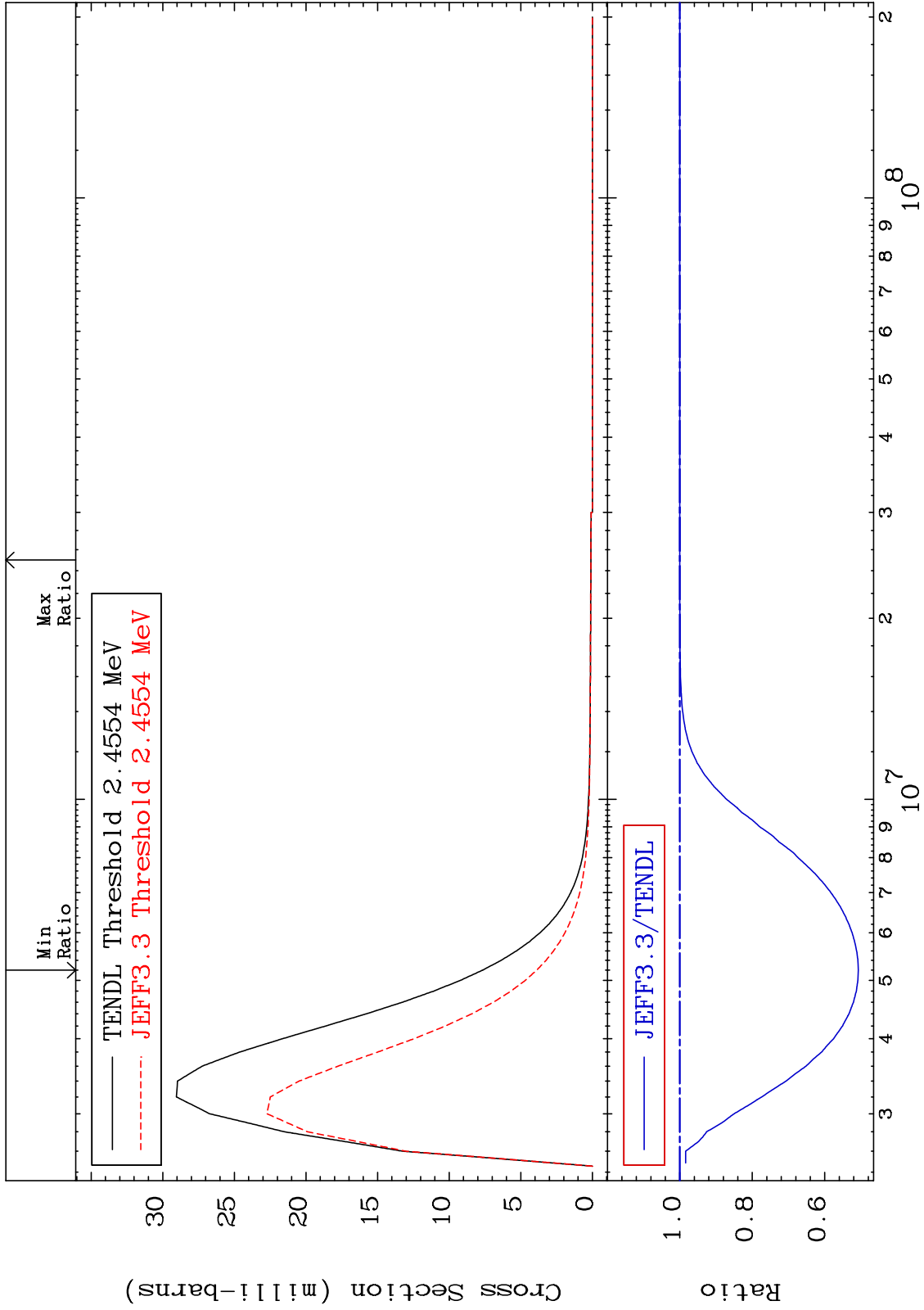
Incident Energy (eV)

31-Ga-71

MAT 3131

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

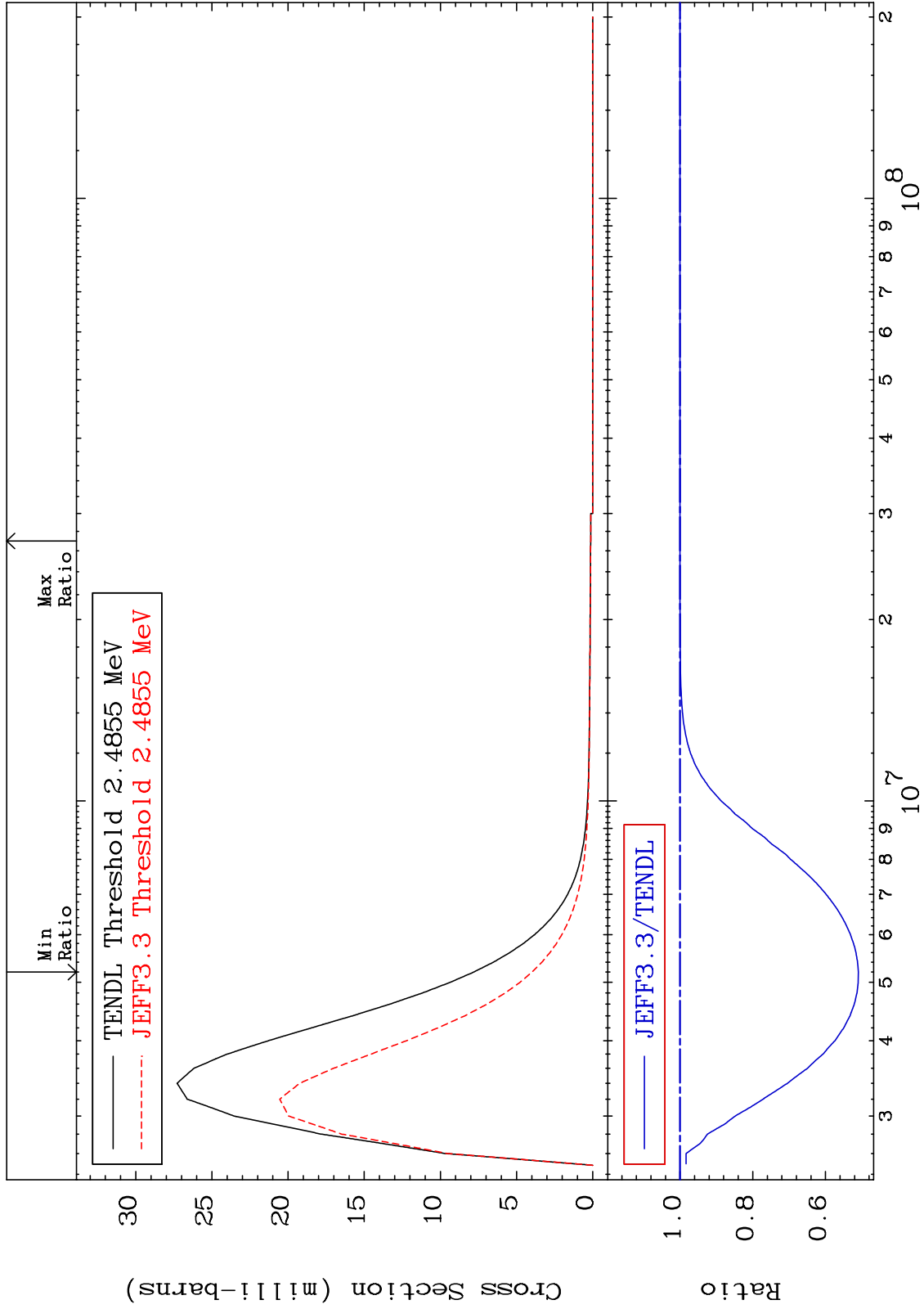
31-Ga-71
-49.27 To 0.000 %



MAT 3131

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

31-Ga-71
-49.05 To 0.000 %



49

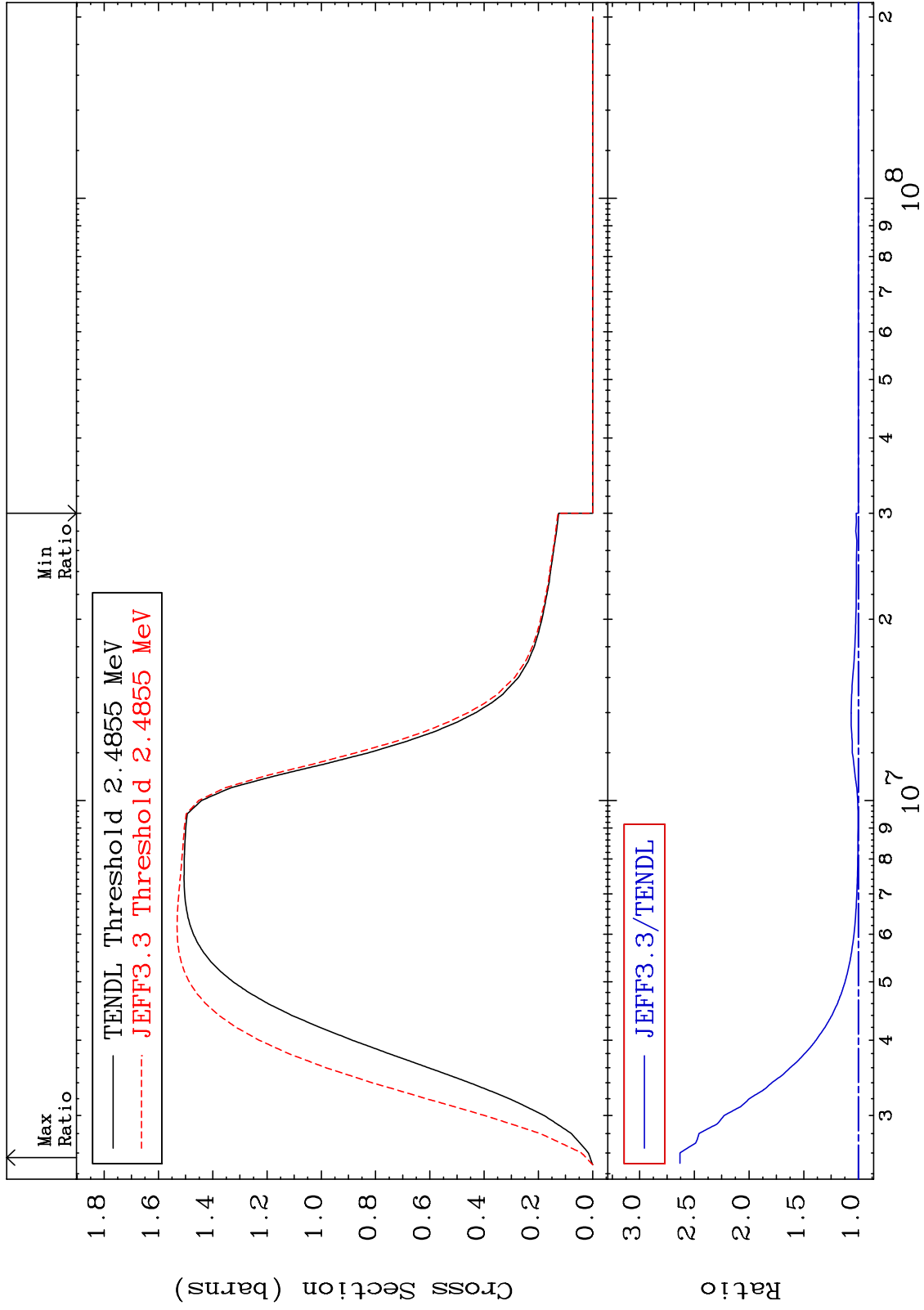
Incident Energy (eV)

31-Ga-71

MAT 3131

(n, n') Continuum
Cross Section

31-Ga-71
0.000 To 163.1 %



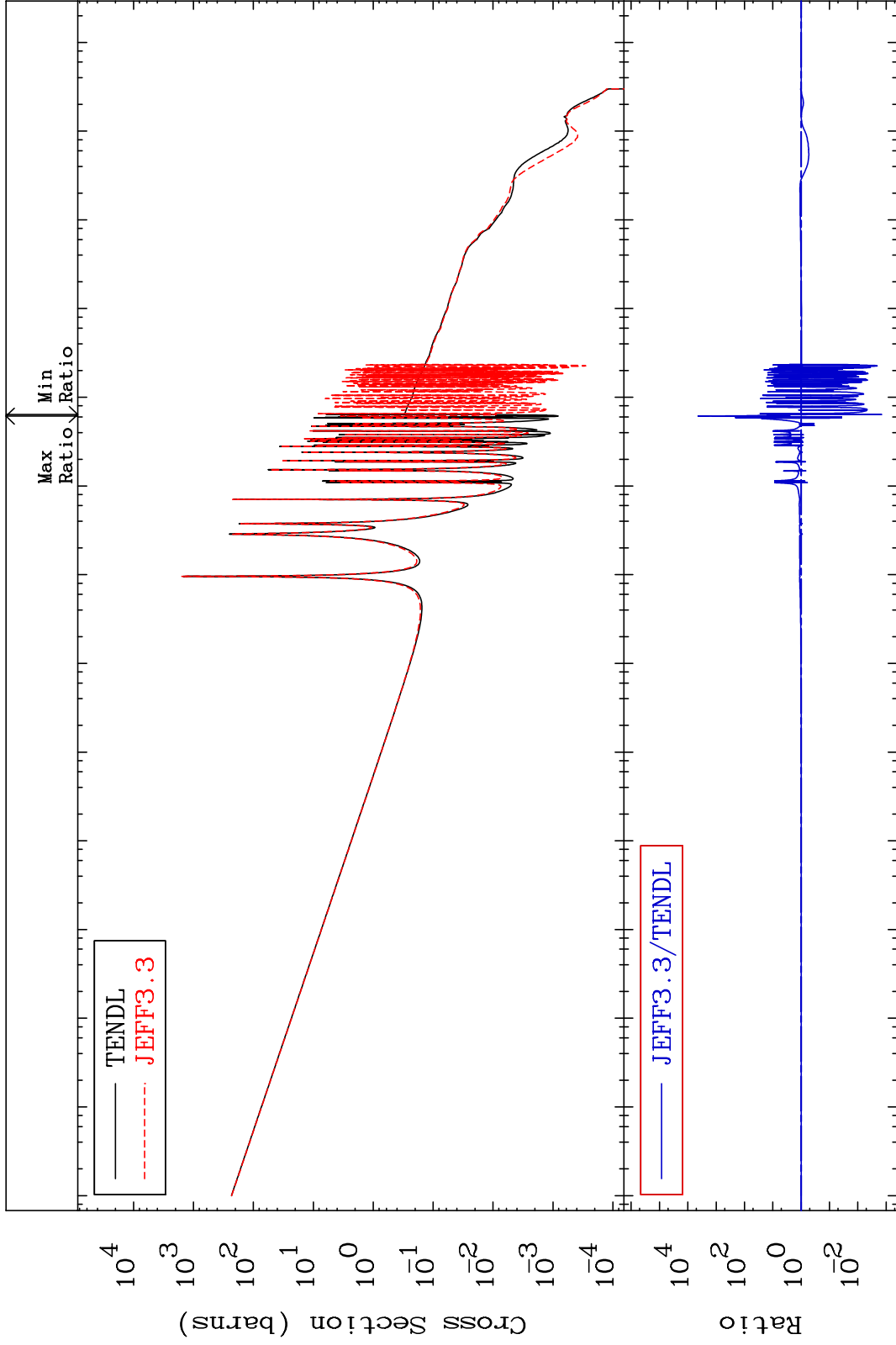
MAT 3131

(n, γ)

31-Ga-71

Cross Section

-99.85 To 9999. %



51

Incident Energy (eV)

31-Ga-71

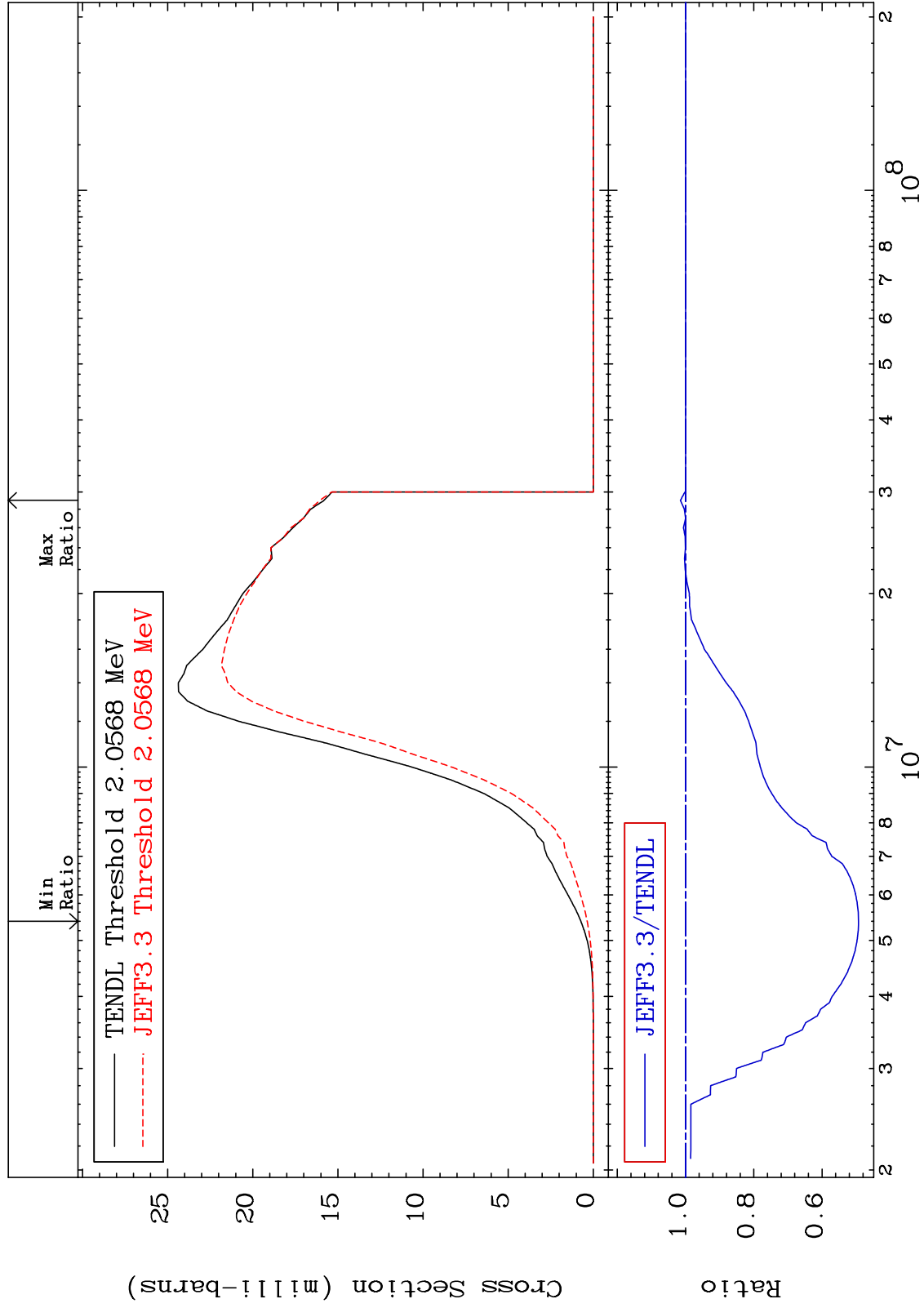
MAT 3131

(n, p)

31-Ga-71

Cross Section

-50.69 To 1.496 %



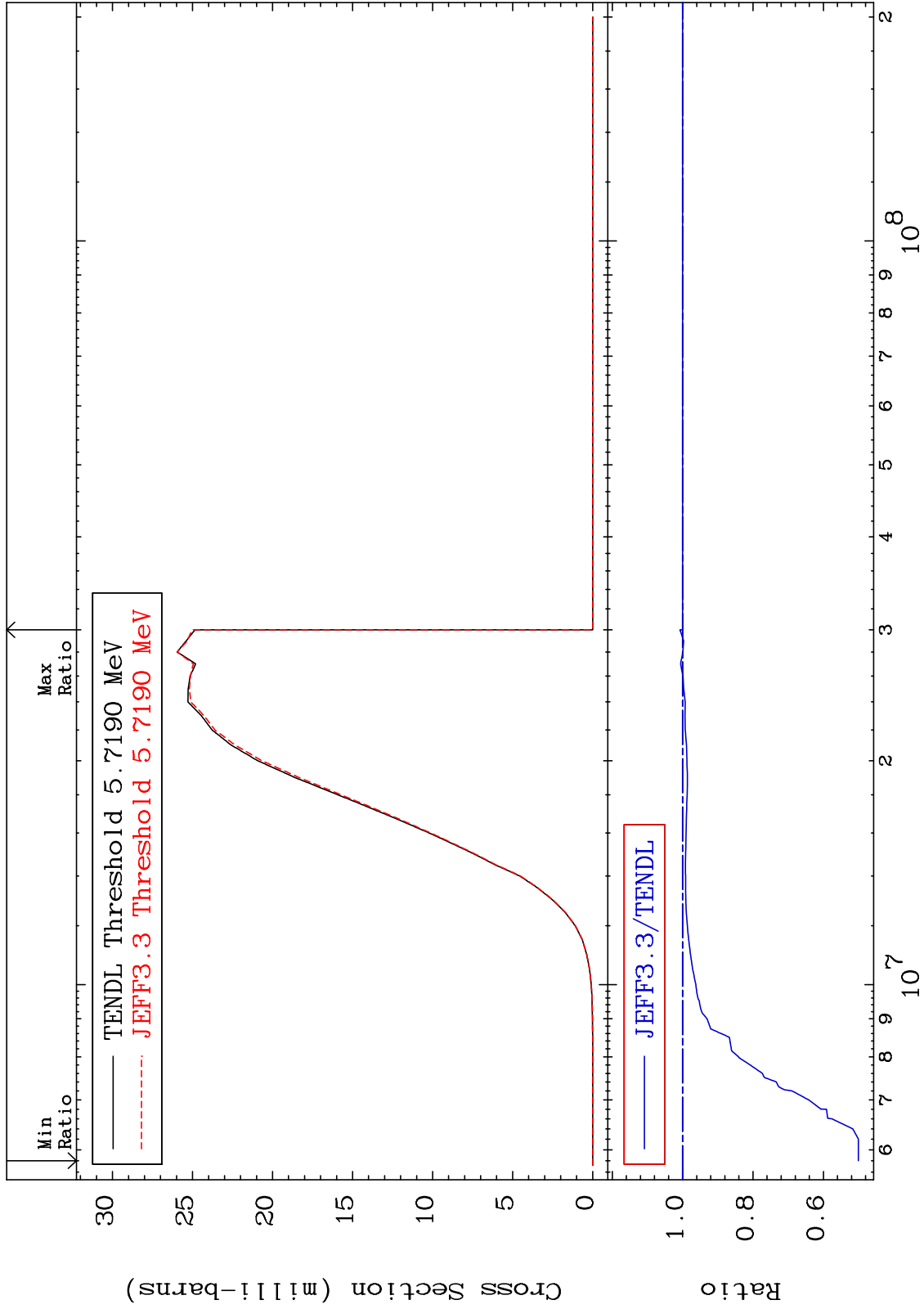
MAT 3131

(n, d)

31-Ga-71

-49.96 To 0.745 %

Cross Section



53

Incident Energy (eV)

31-Ga-71

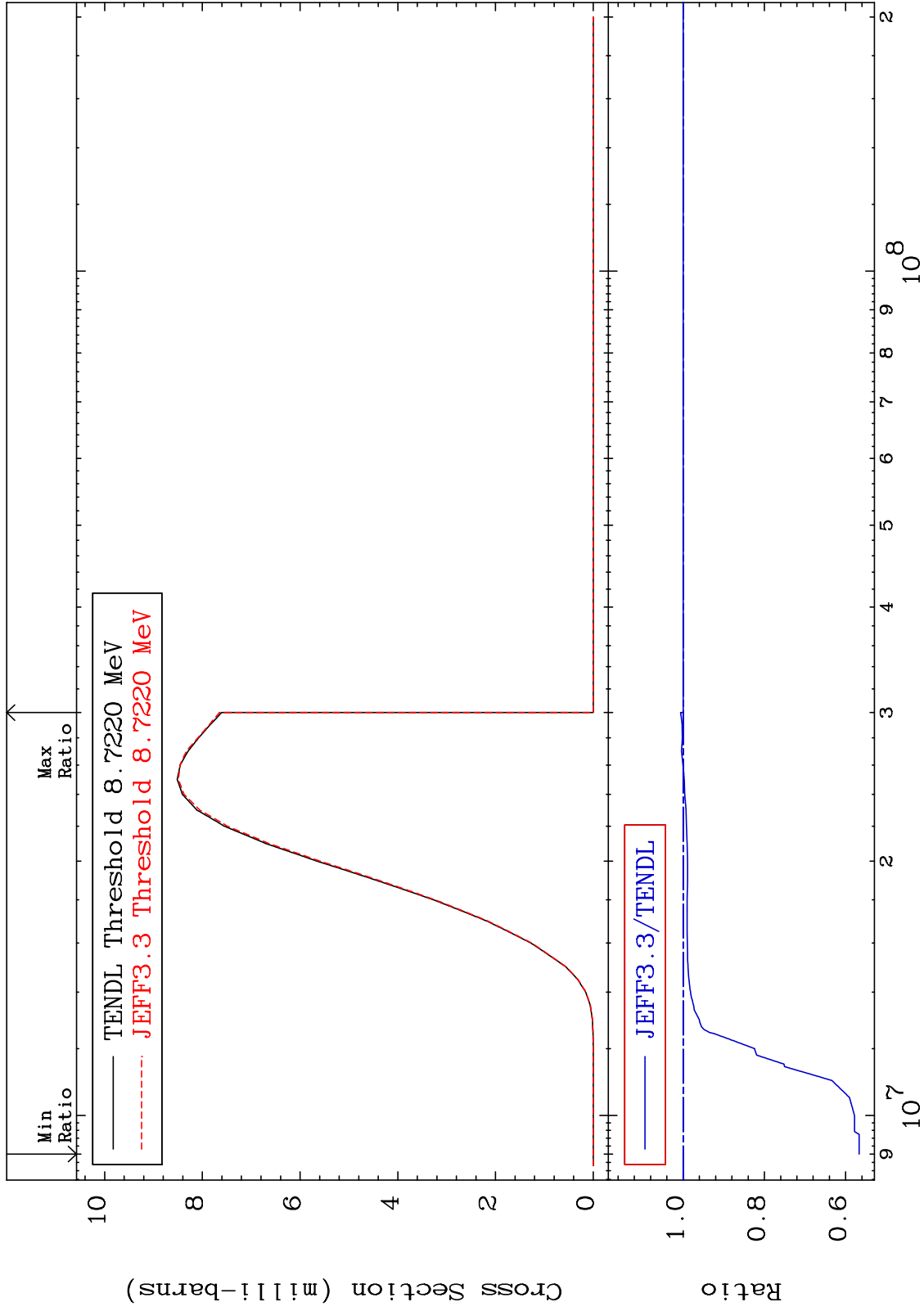
MAT 3131

(n, t)

31-Ga-71

Cross Section

-43.32 To 0.614 %



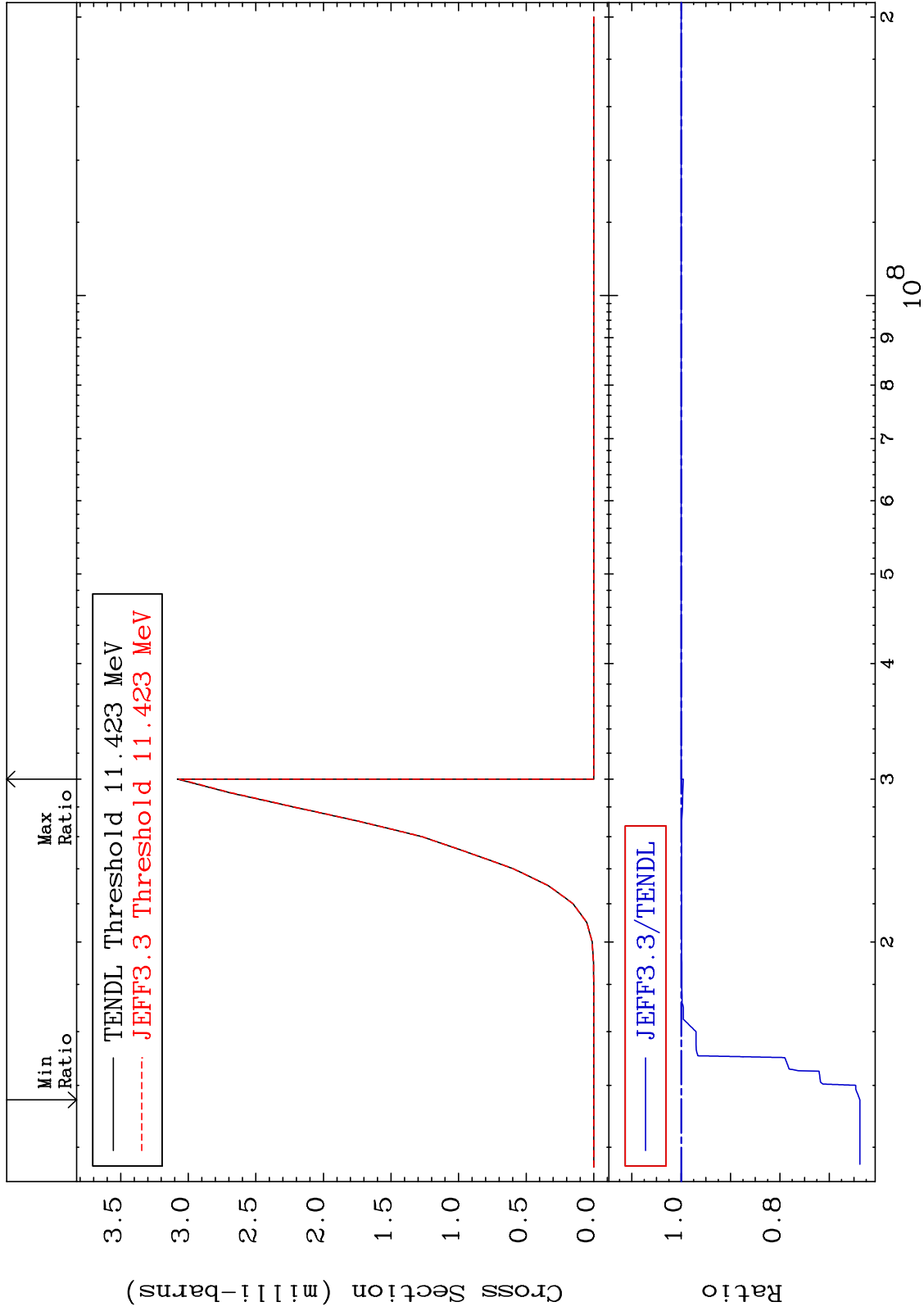
MAT 3131

(n, He-3)

31-Ga-71

Cross Section

-36.21 To 0.000 %



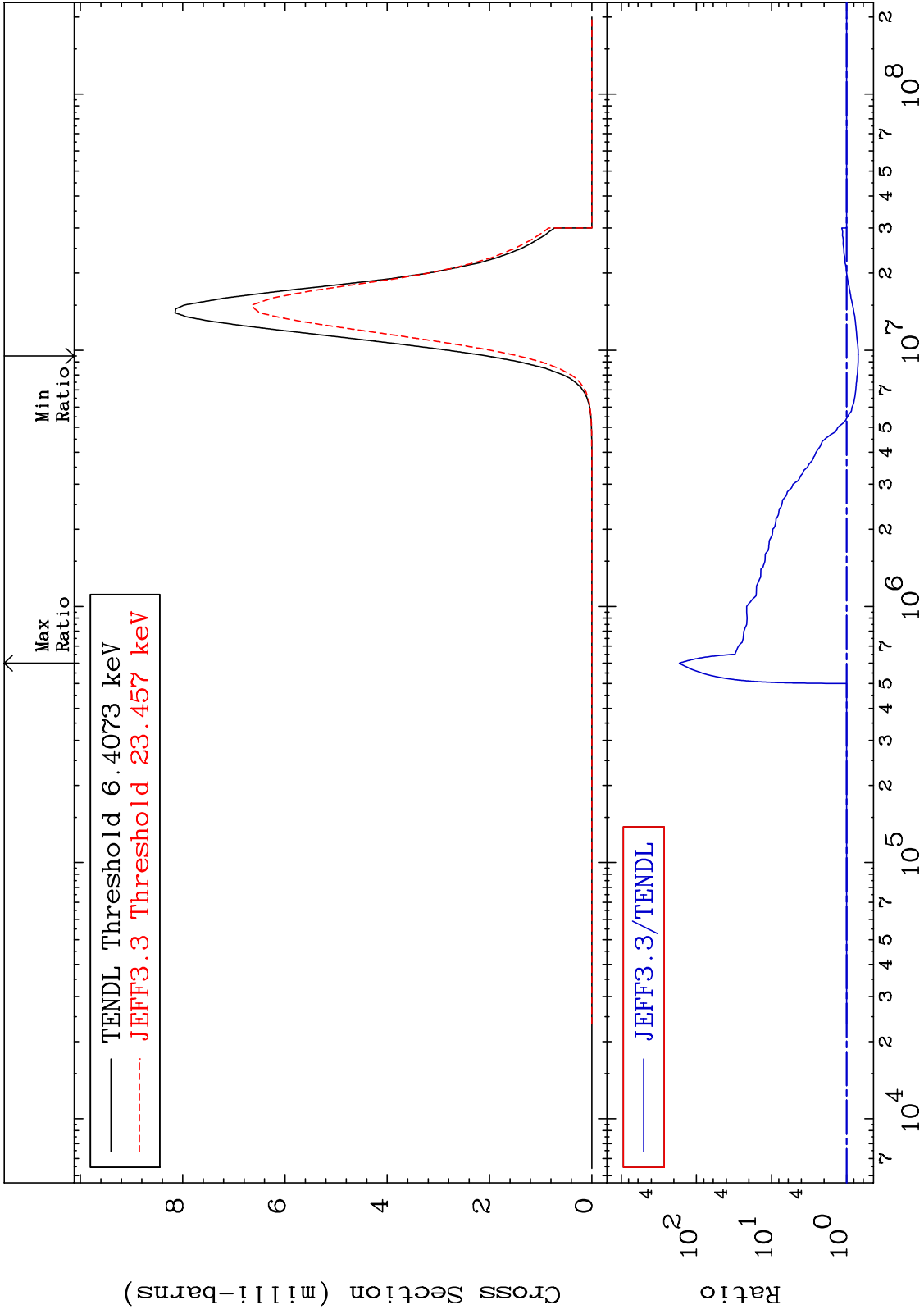
MAT 3131

(n, α)

31-Ga-71

Cross Section

-30.06 To 9999. %



56

Incident Energy (eV)

31-Ga-71

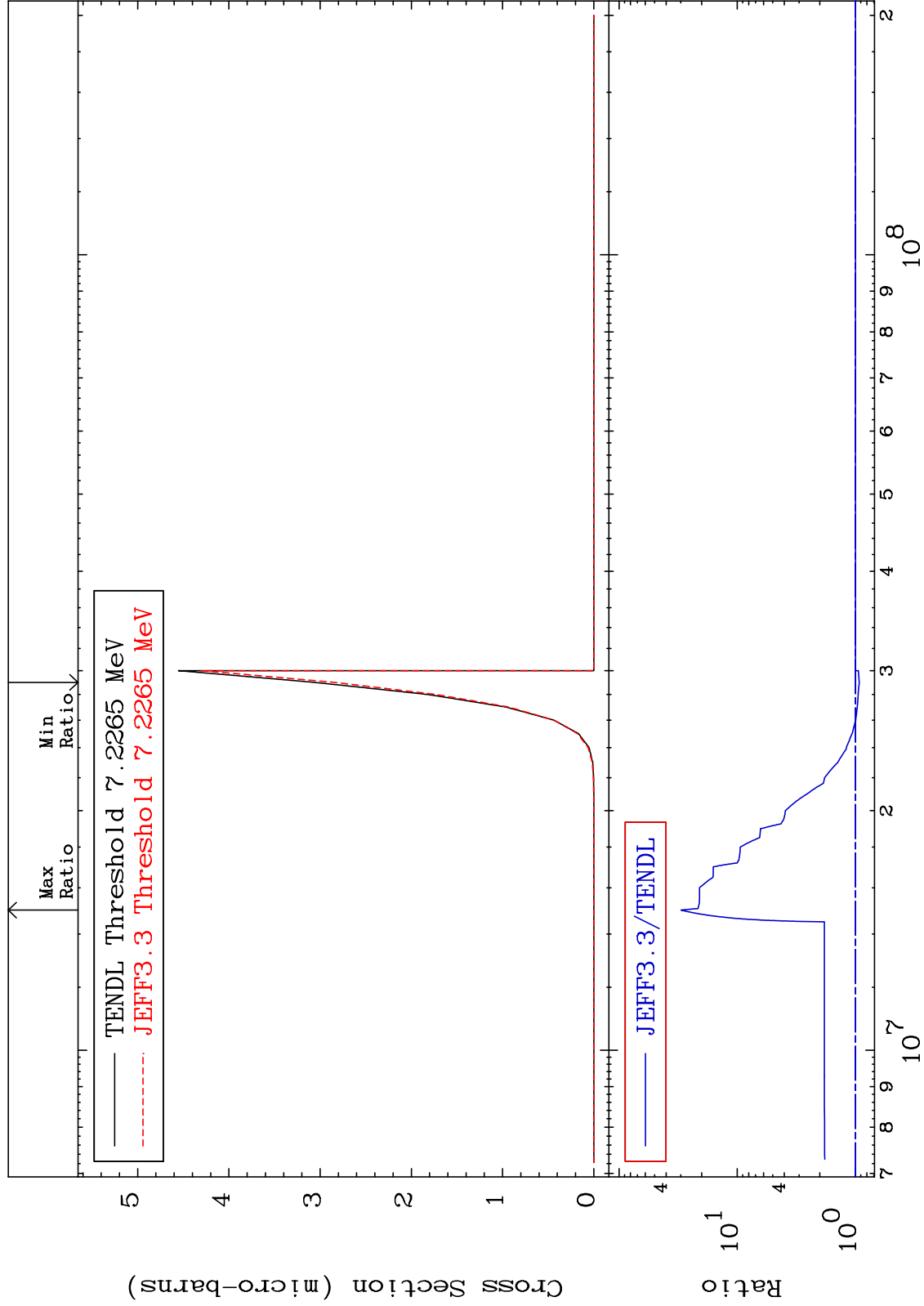
MAT 3131

(n, 2α)

31-Ga-71

Cross Section

-7.196 To 2888. %



57

Incident Energy (eV)

31-Ga-71

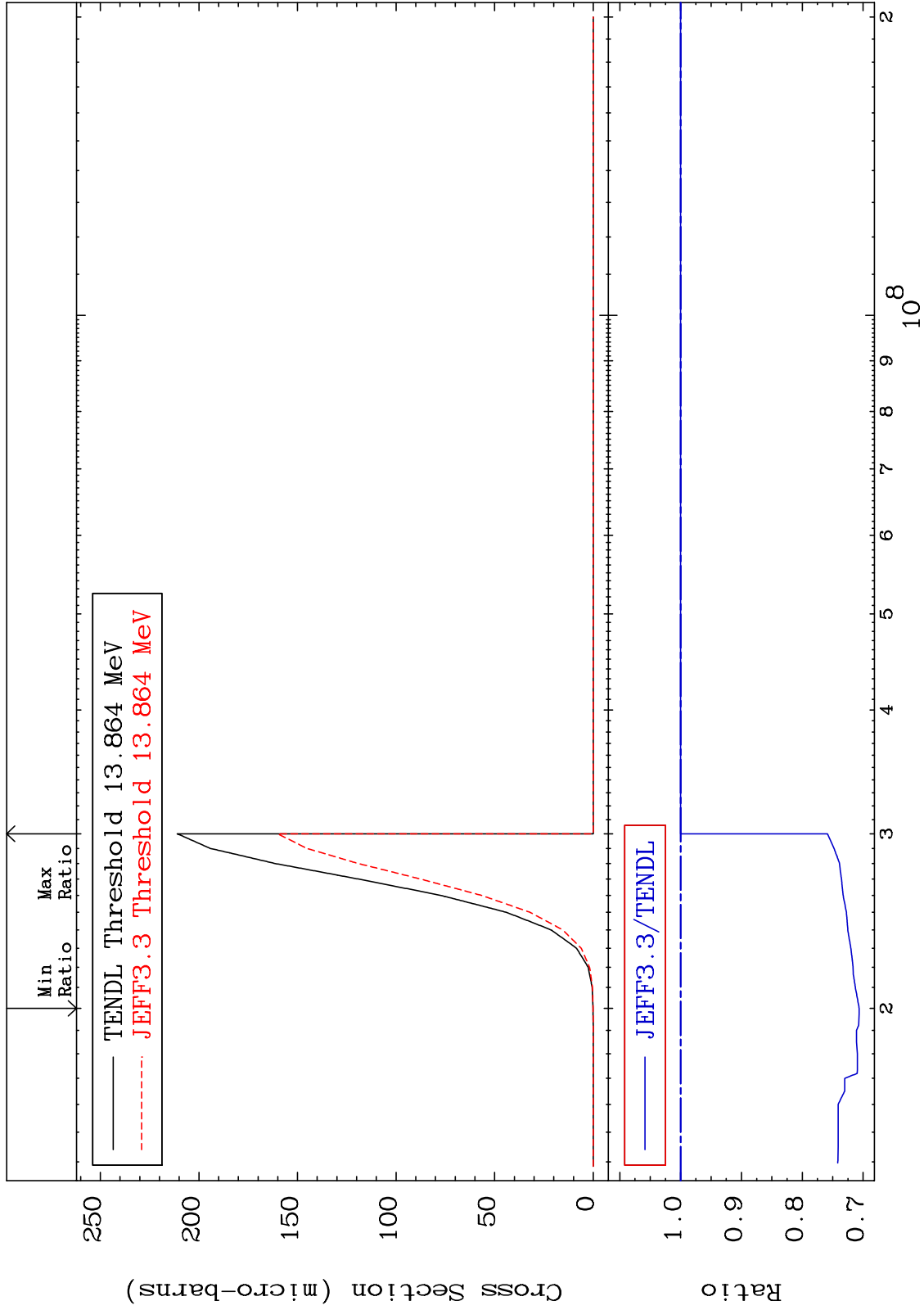
MAT 3131

(n,2p)

31-Ga-71

Cross Section

-29.35 To 0.000 %



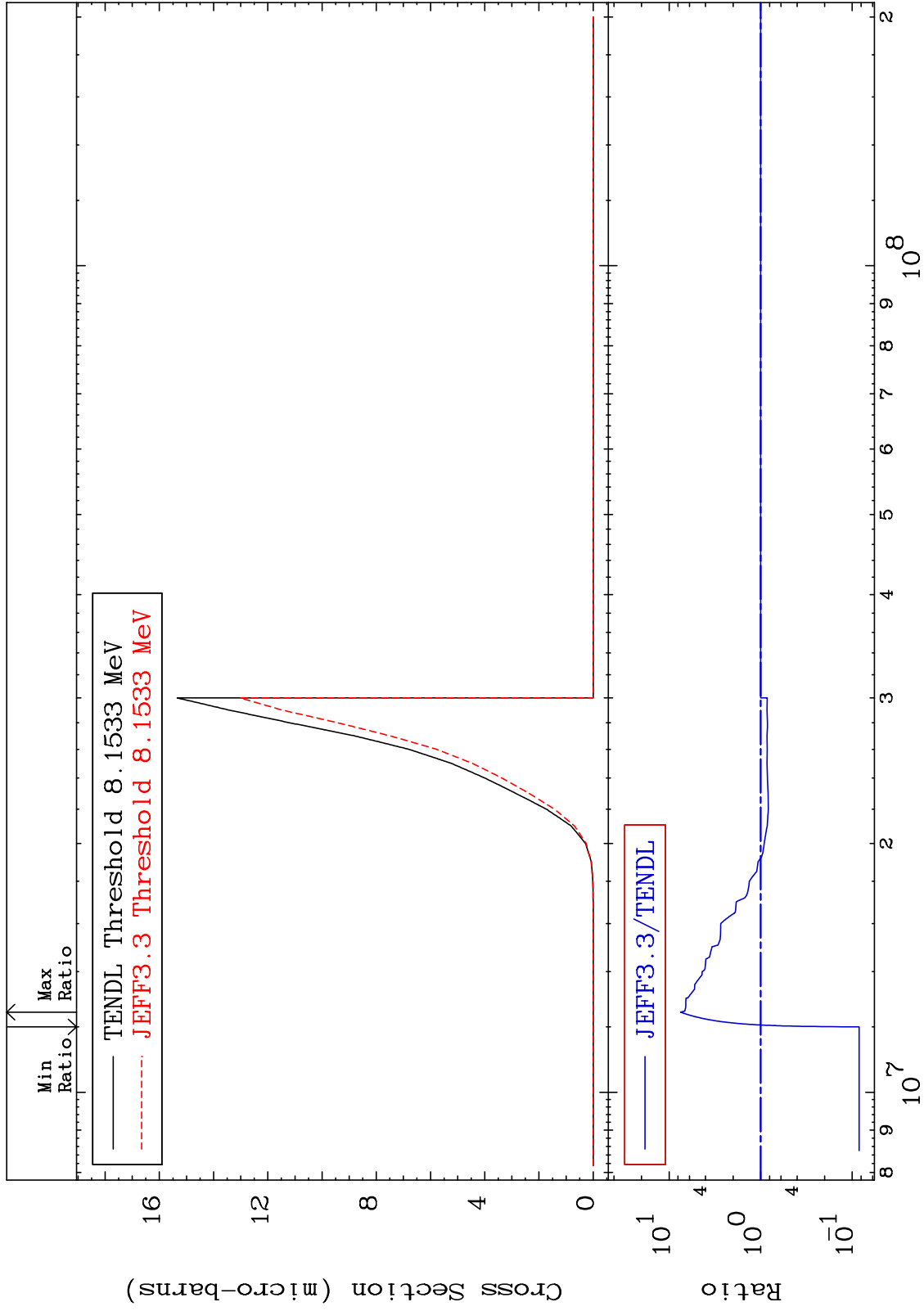
MAT 3131

(n,p) α

³¹Ga-71

Cross Section

-91.60 To 648.4 %



59

Incident Energy (eV)

³¹Ga-71

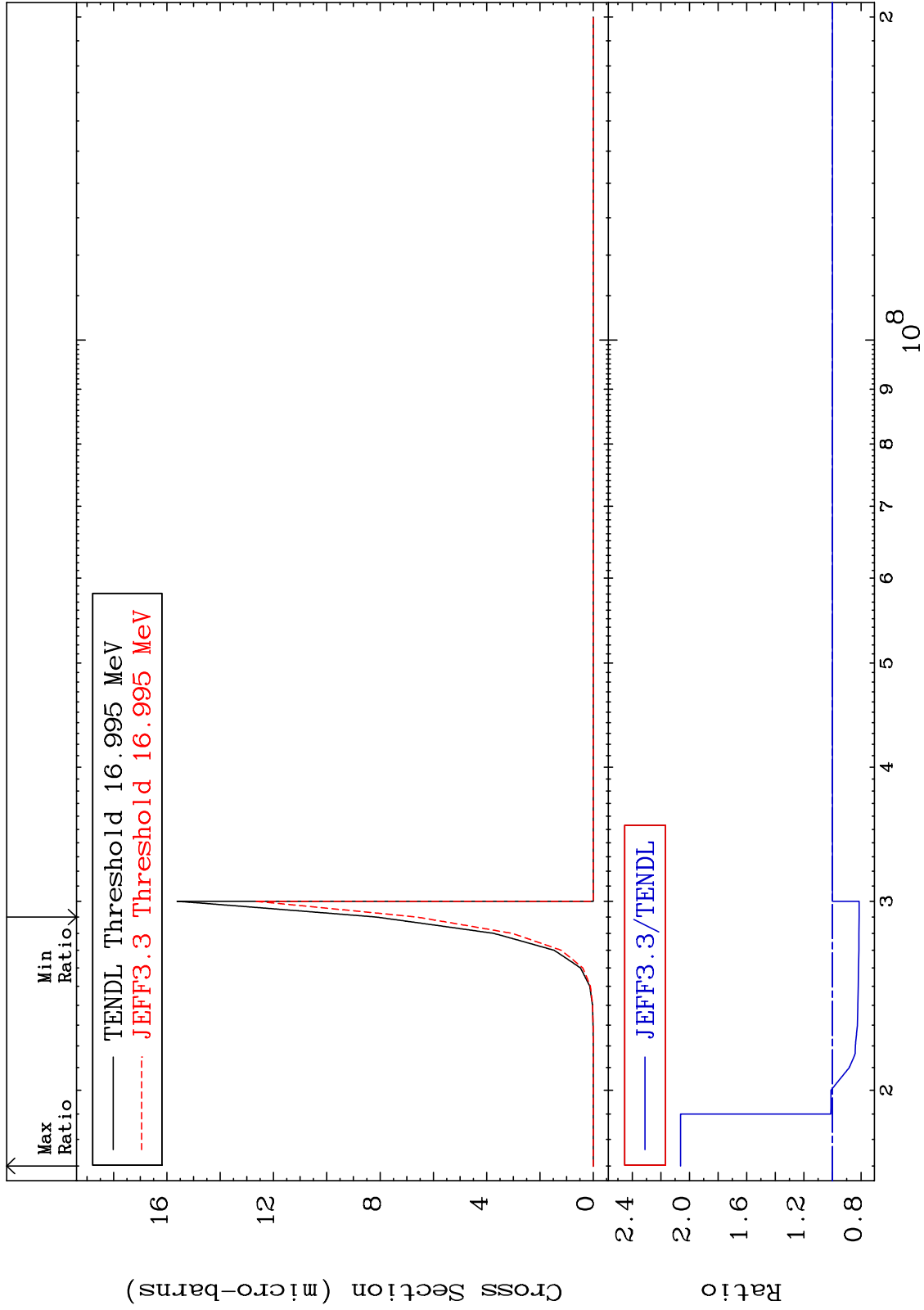
MAT 3131

(n,p) d

³¹Ga-71

Cross Section

-18.72 To 106.1 %



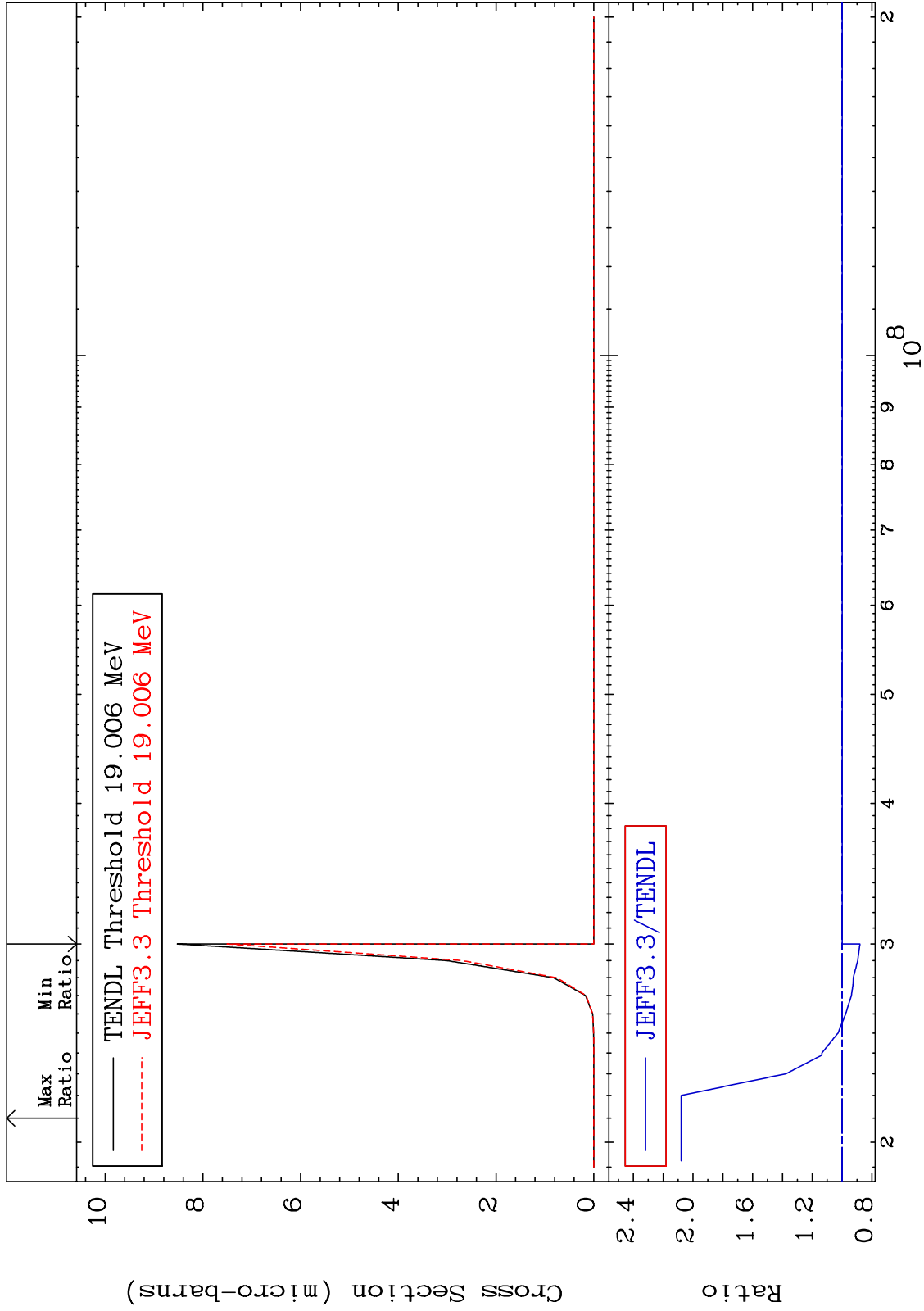
MAT 3131

(n,p) t

31-Ga-71

Cross Section

-11.97 To 107.9 %



61

31-Ga-71

31-Ga-71

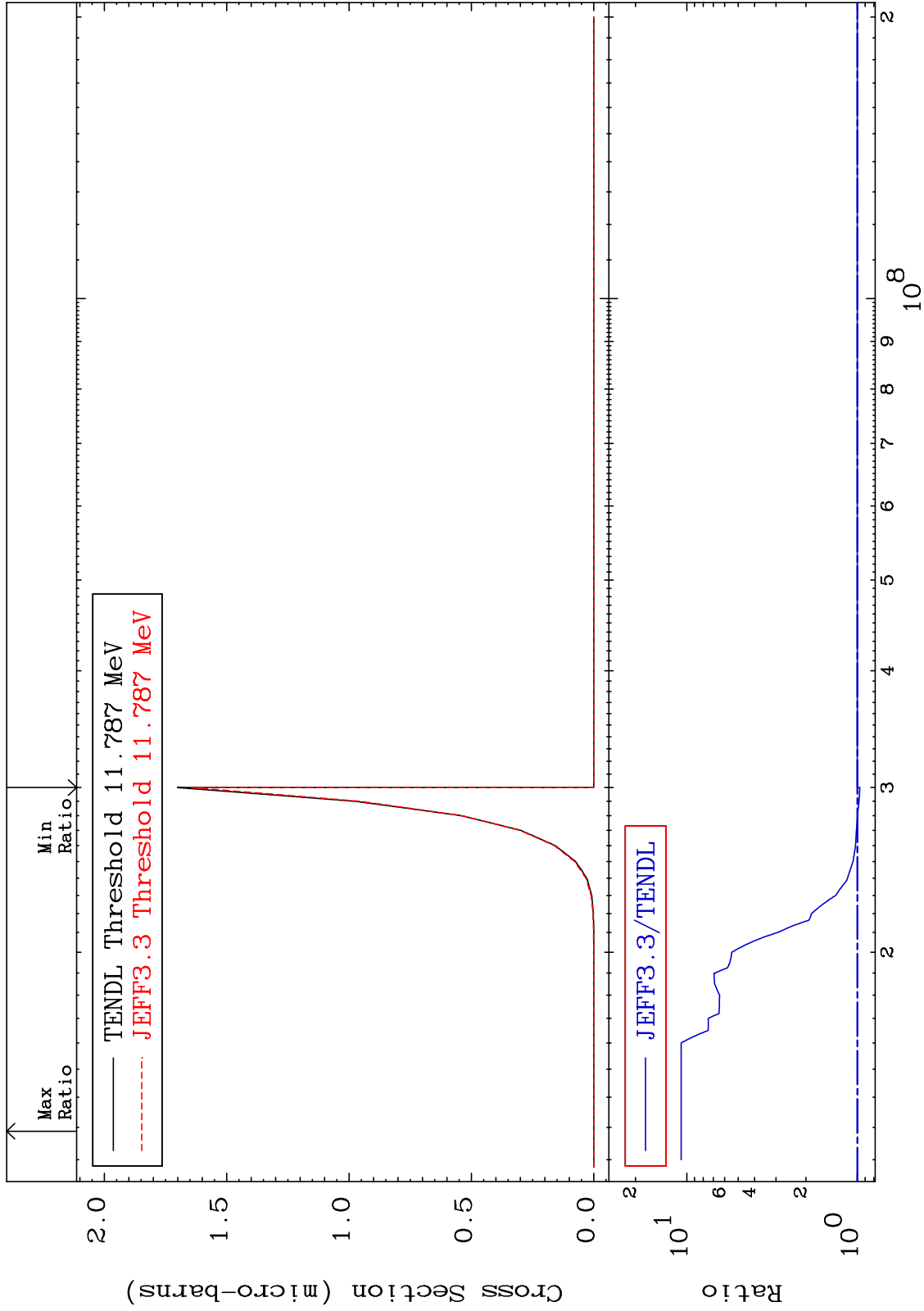
MAT 3131

(n,d) α

31-Ga-71

Cross Section

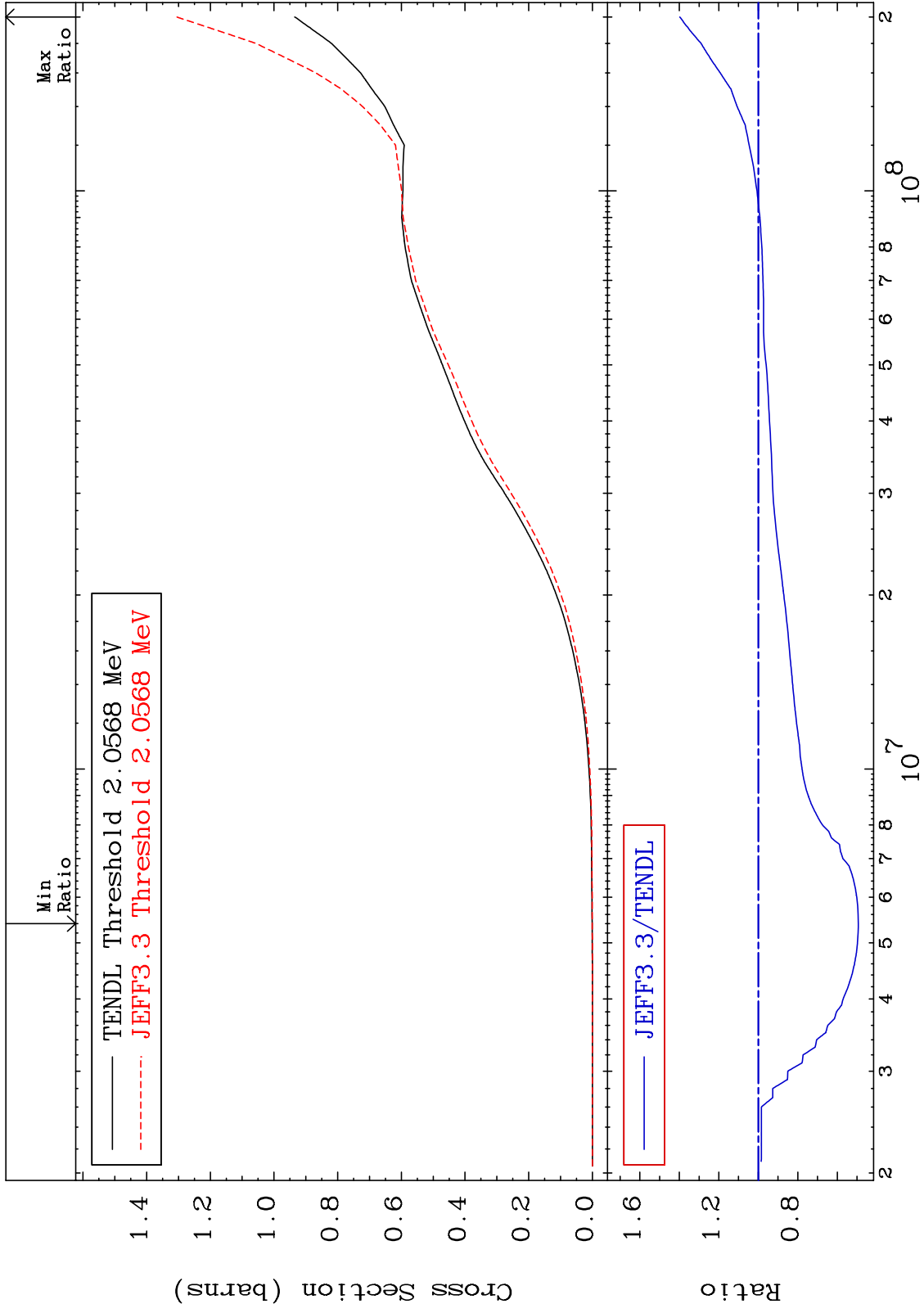
-3.404 To 977.8 %



MAT 3131

Hydrogen Production
Cross Section

31-Ga-71
-50.69 To 39.77 %



63

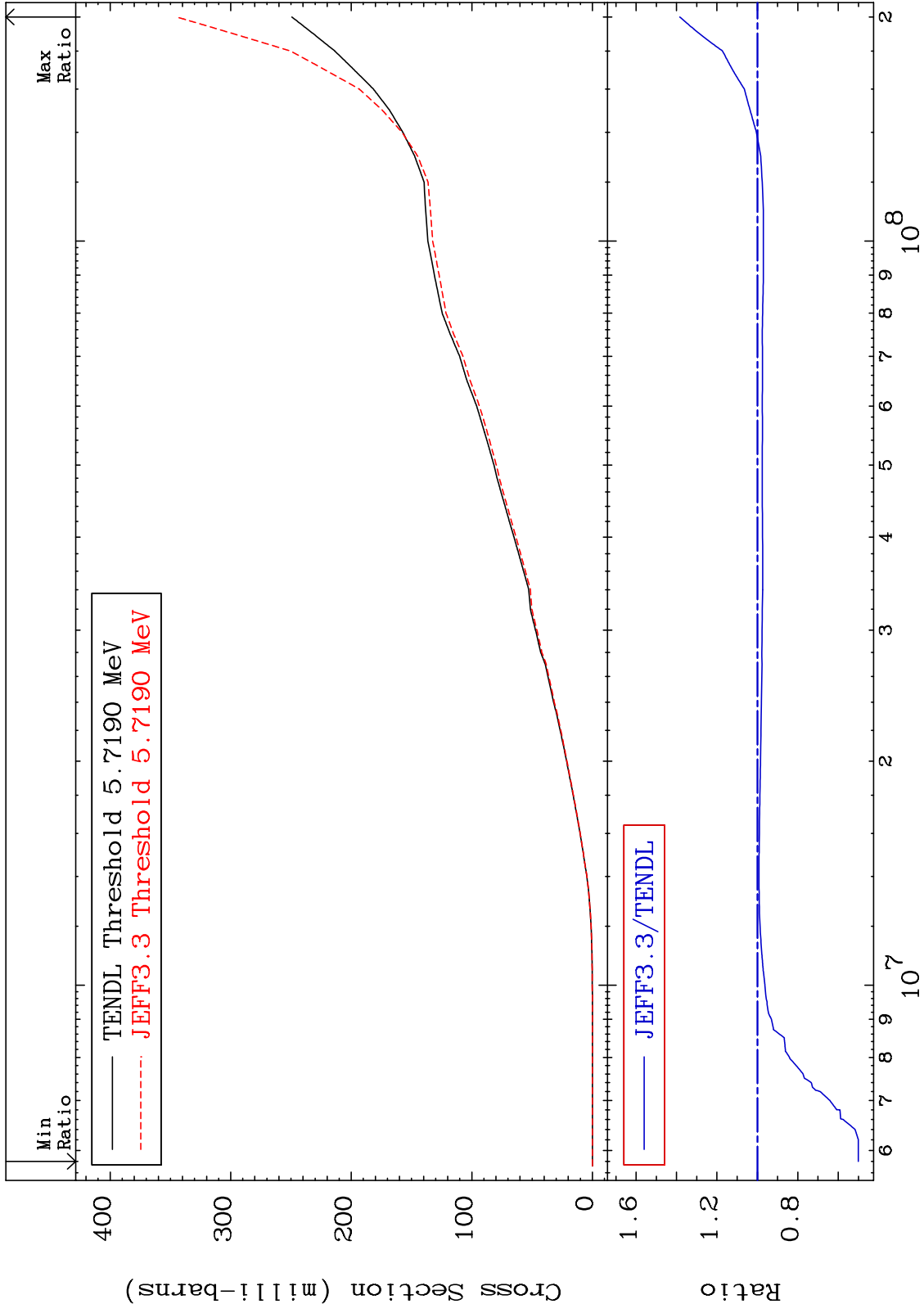
Incident Energy (eV)

31-Ga-71

MAT 3131

Deuterium Production
Cross Section

31-Ga-71
-49.96 To 38.38 %



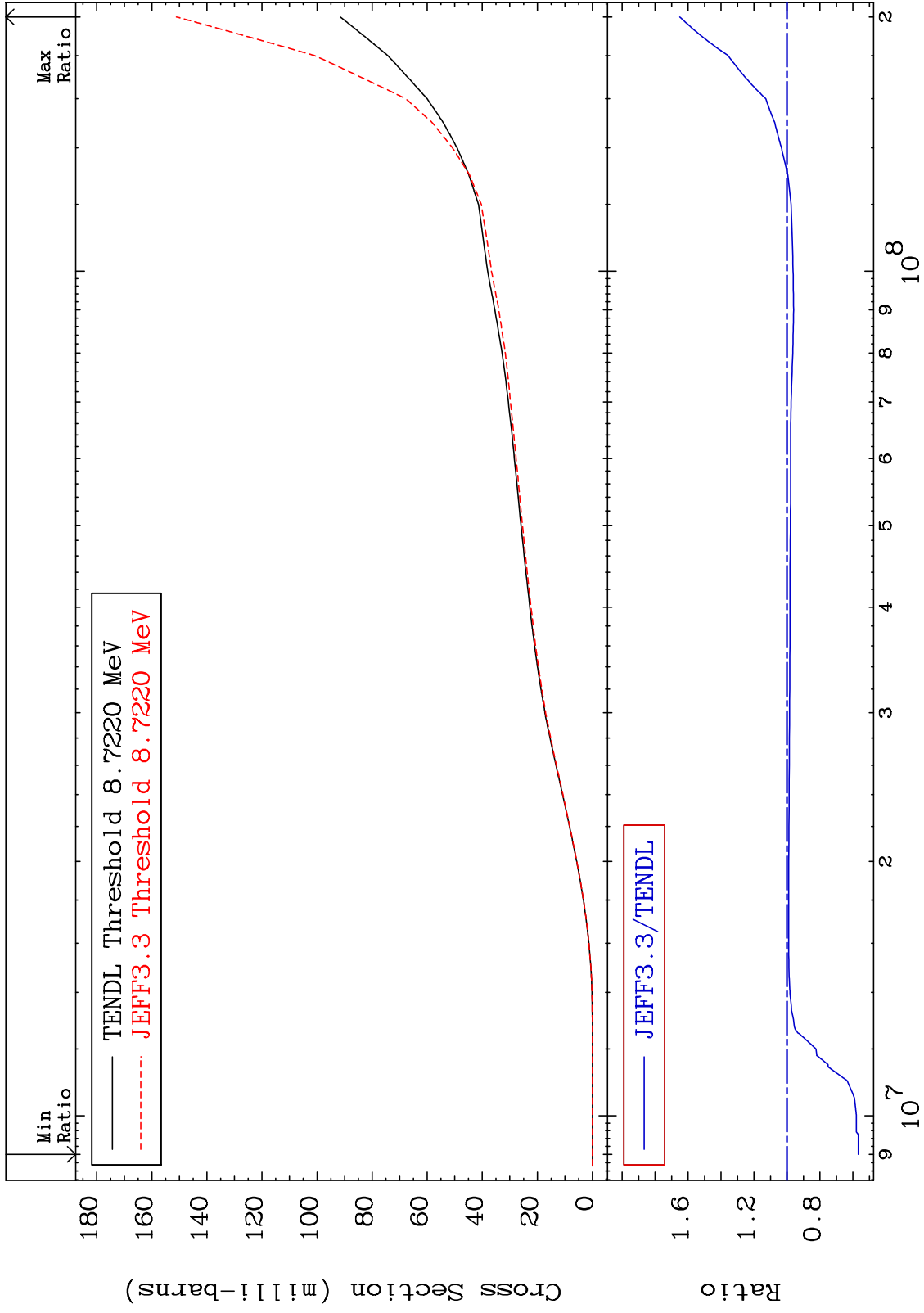
64

31-Ga-71

MAT 3131

Tritium Production
Cross Section

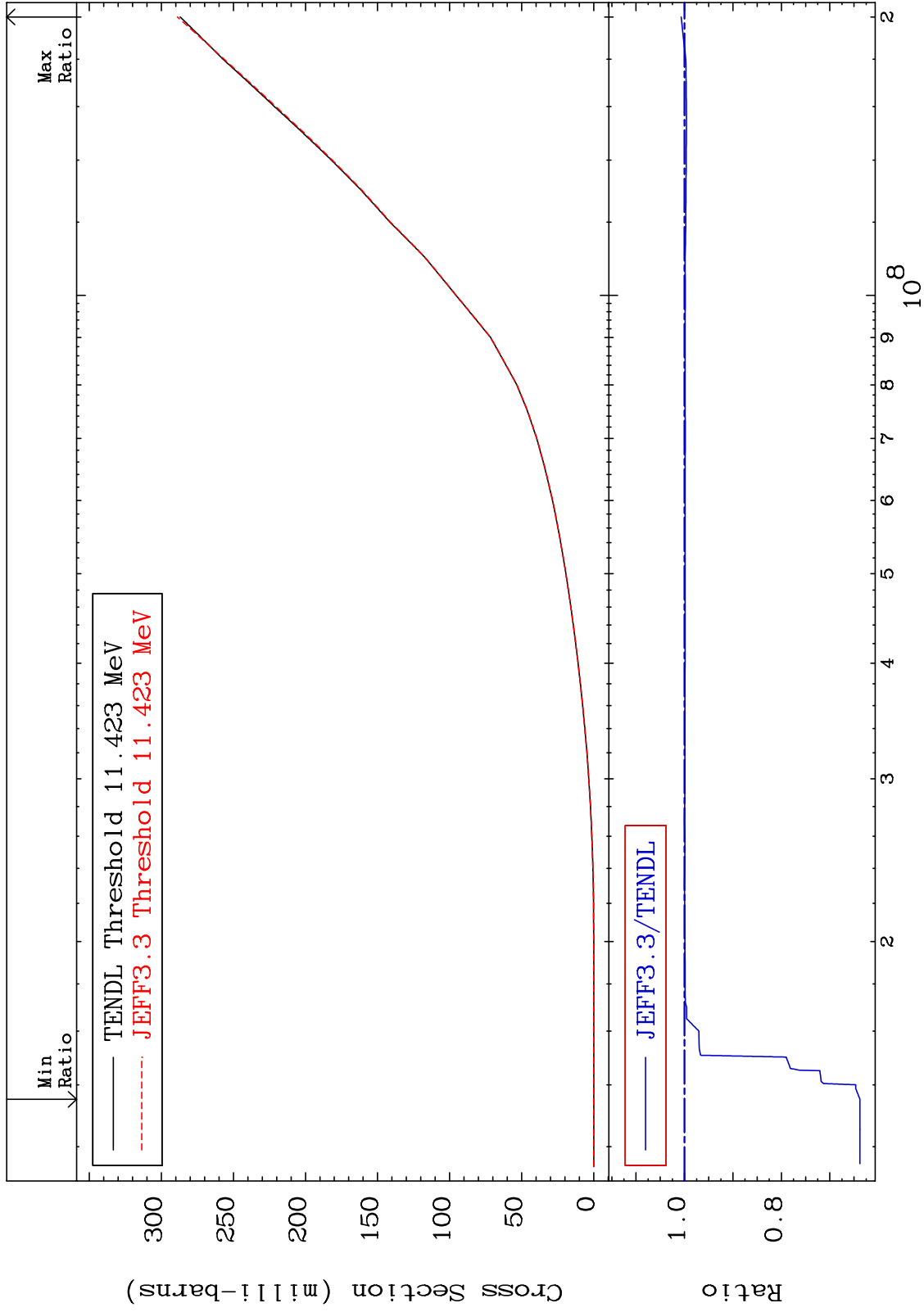
31-Ga-71
-43.32 To 65.02 %



MAT 3131

He-3 Production
Cross Section

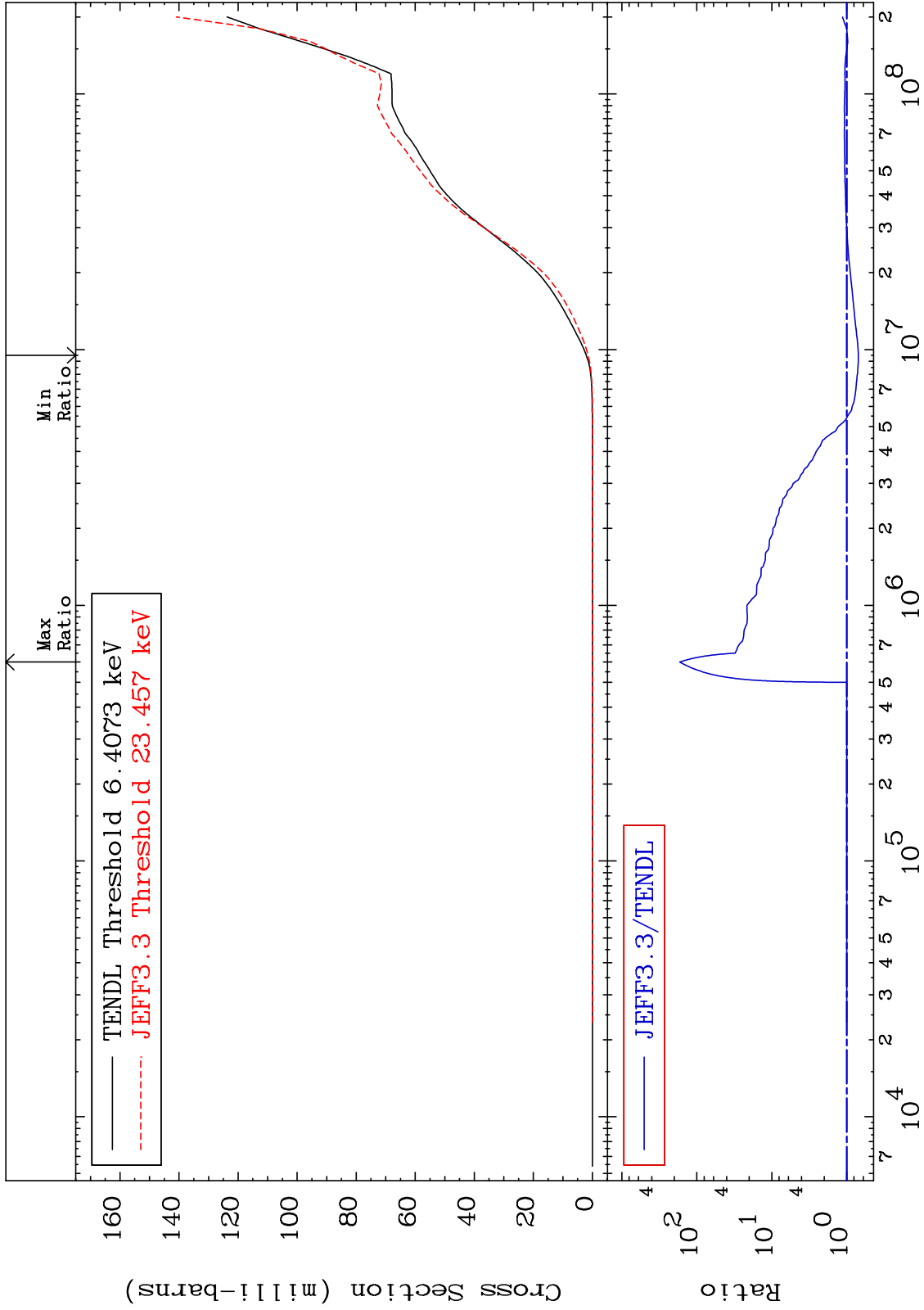
31-Ga-71
-36.21 To 0.671 %



MAT 3131

He-4 Production
Cross Section

31-Ga-71
-30.03 To 9999. %



67

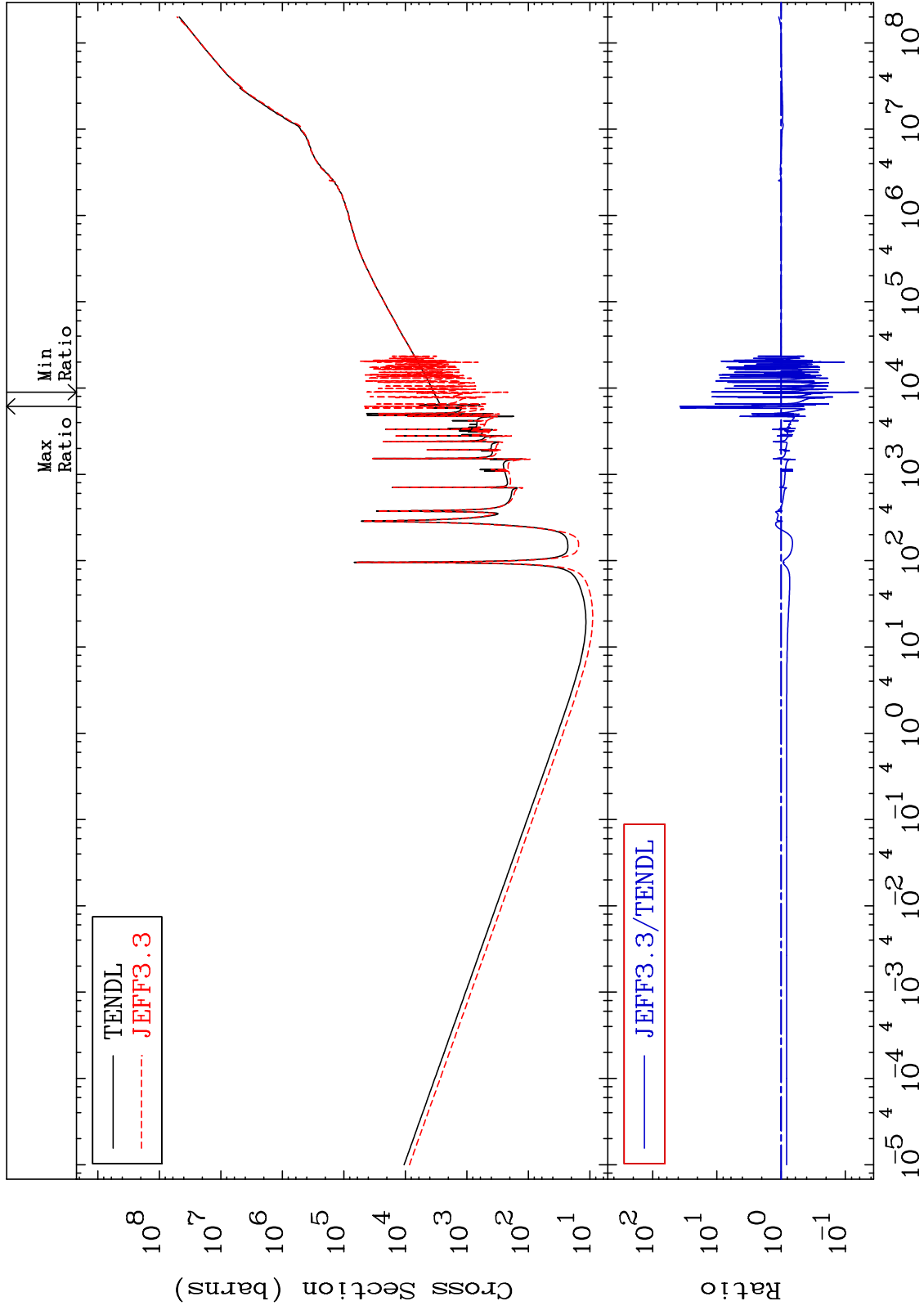
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma total (eV-barns)
Cross Section

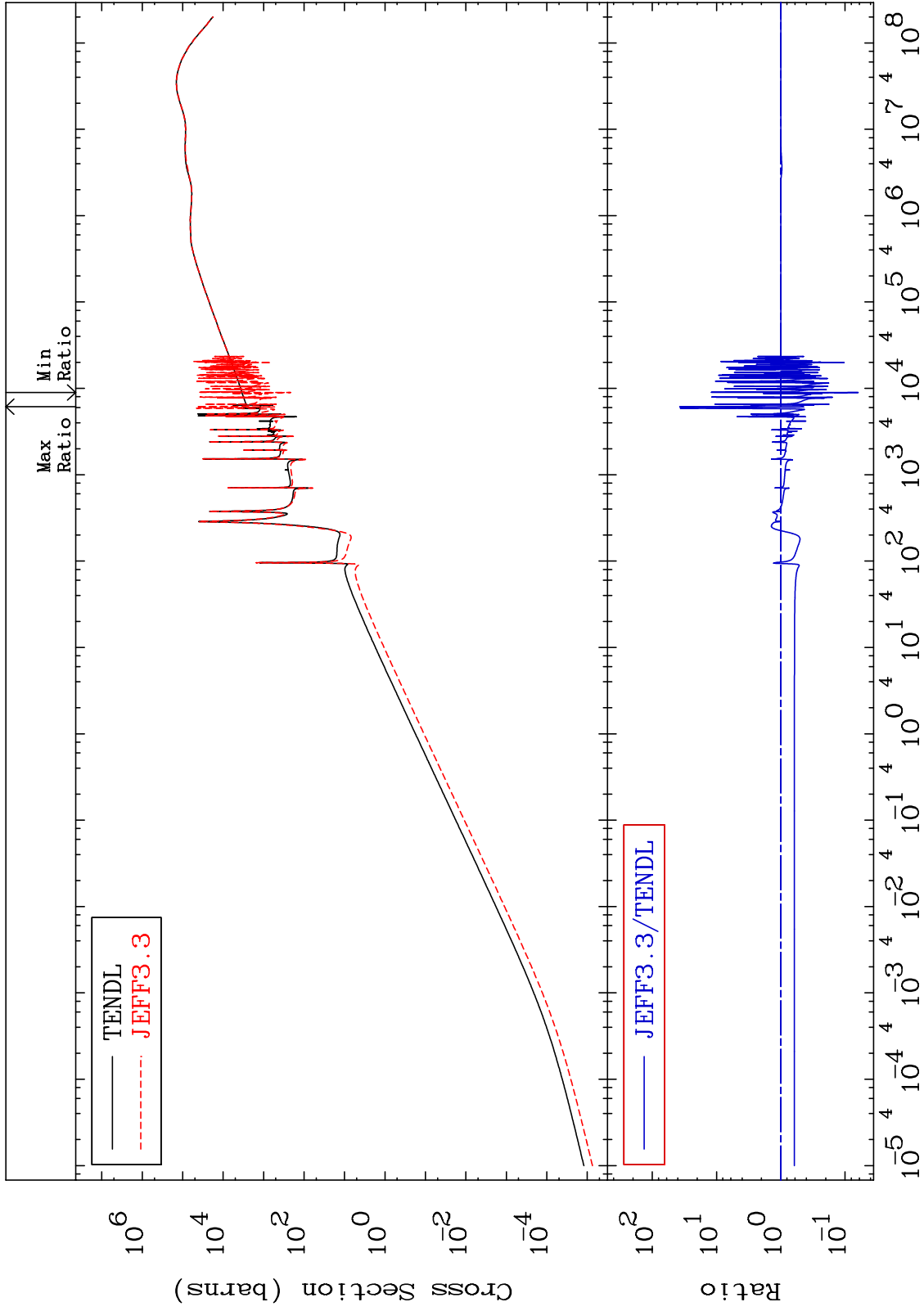
31-Ga-71
-93.74 To 3642. %



MAT 3131

Kerma elastic
Cross Section

31-Ga-71
-93.79 To 3632. %



69

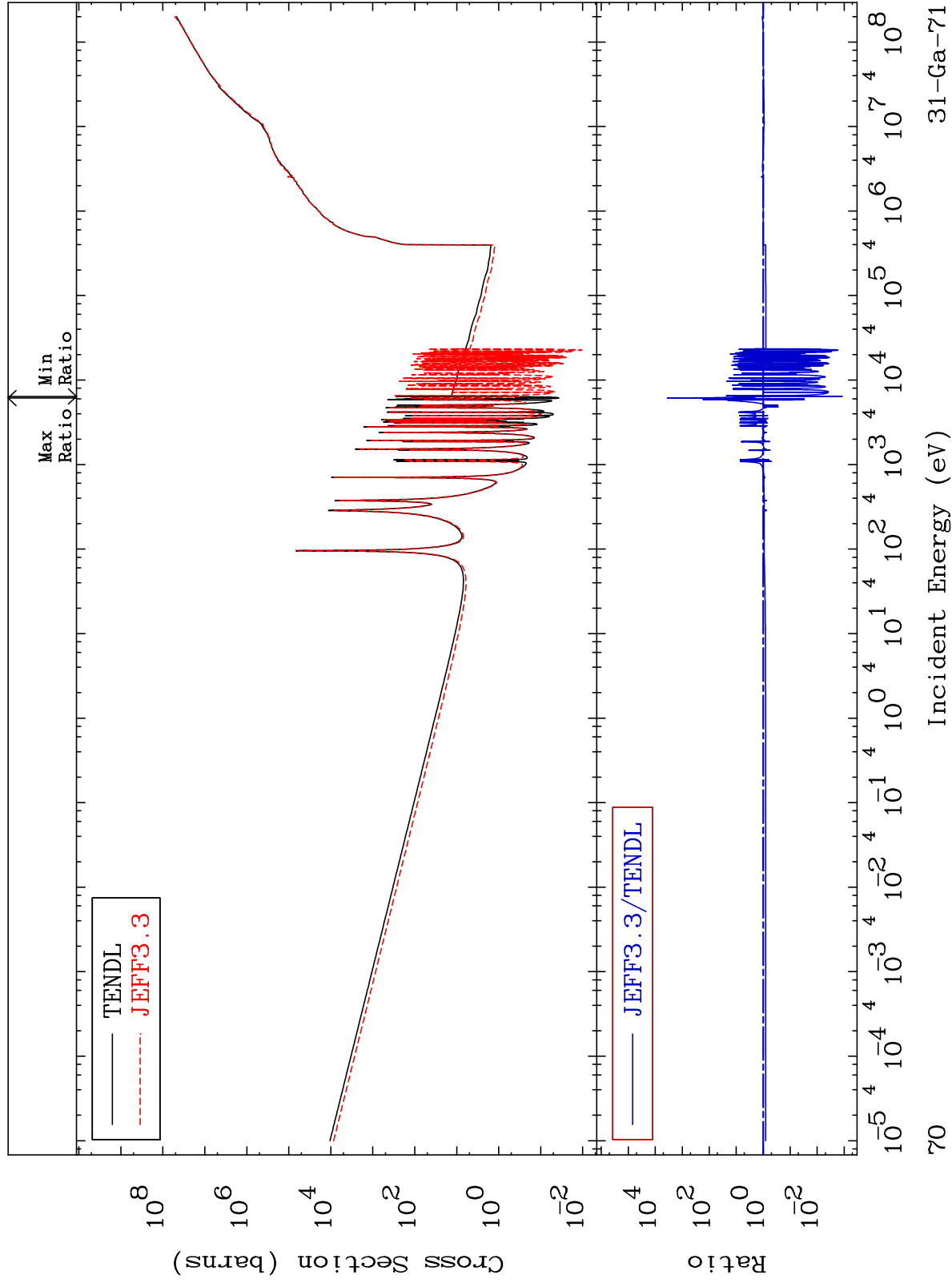
Incident Energy (eV)

31-Ga-71

MAT 3131

Kerma non-elastic (all but mt2)
Cross Section

31-Ga-71
-99.88 To 9999. %



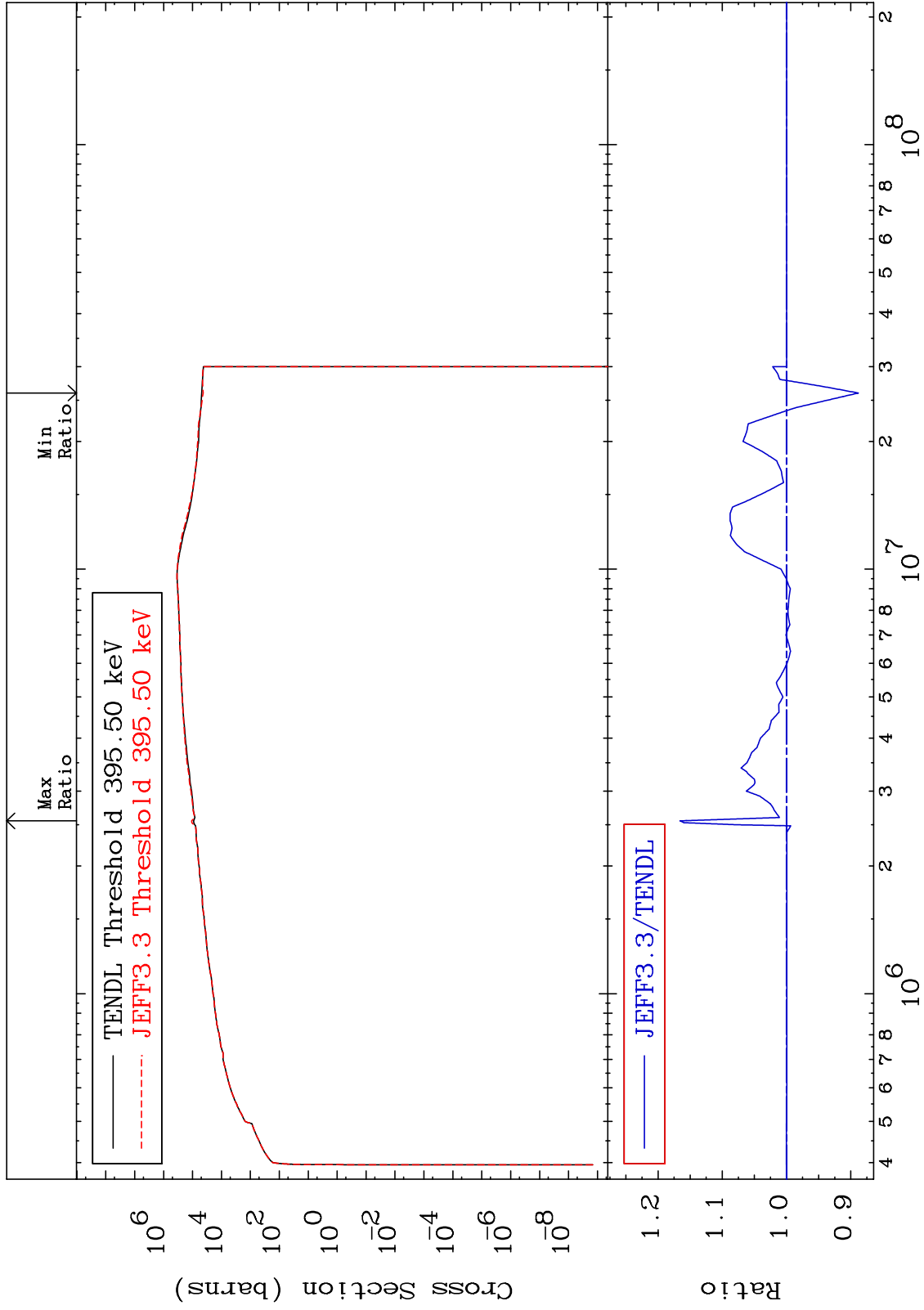
70

31-Ga-71

MAT 3131

Kerma inelastic (mt51-91)
Cross Section

31-Ga-71
-11.19 To 16.58 %



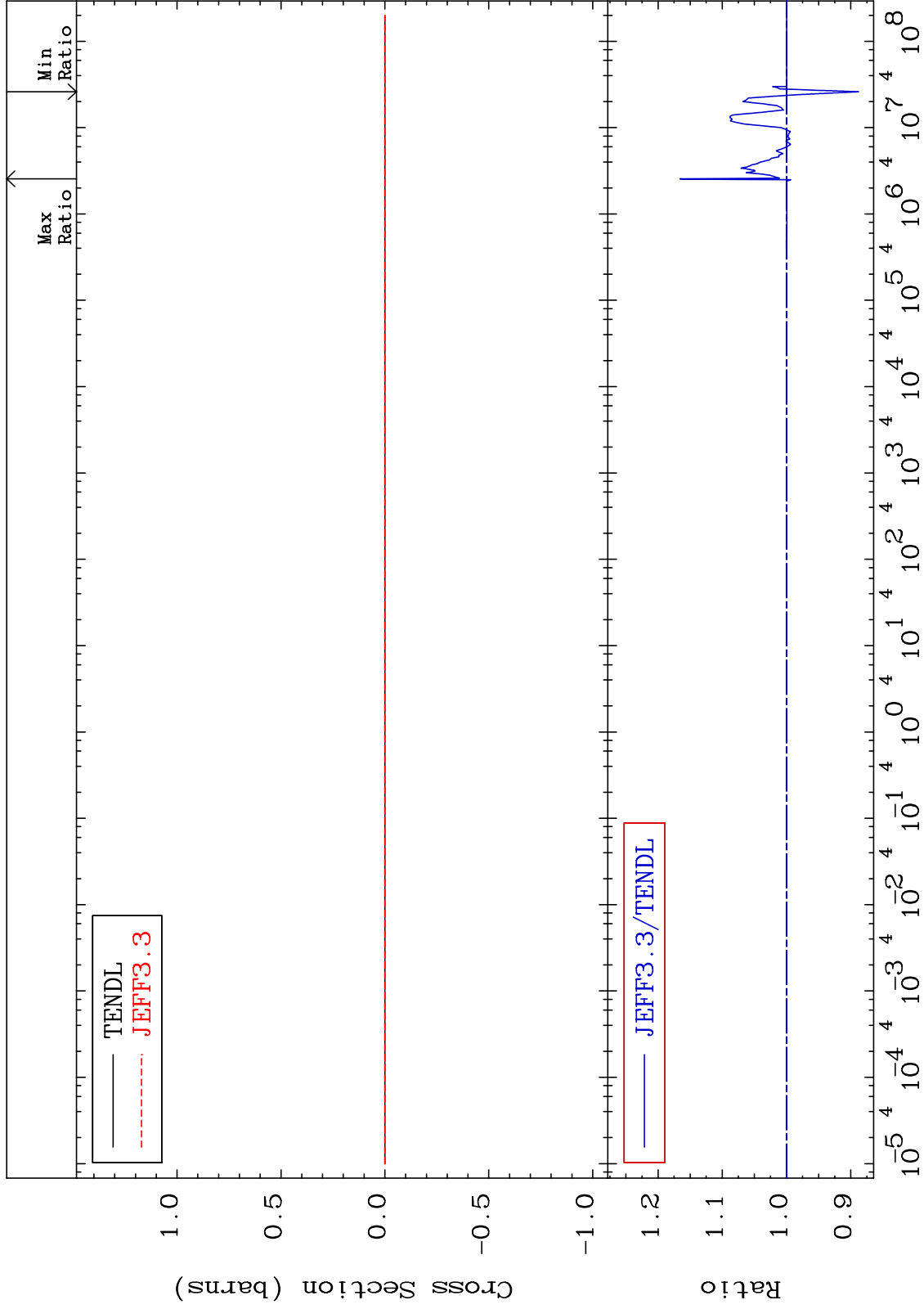
71

31-Ga-71

MAT 3131

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

31-Ga-71
-11.19 To 16.58 %



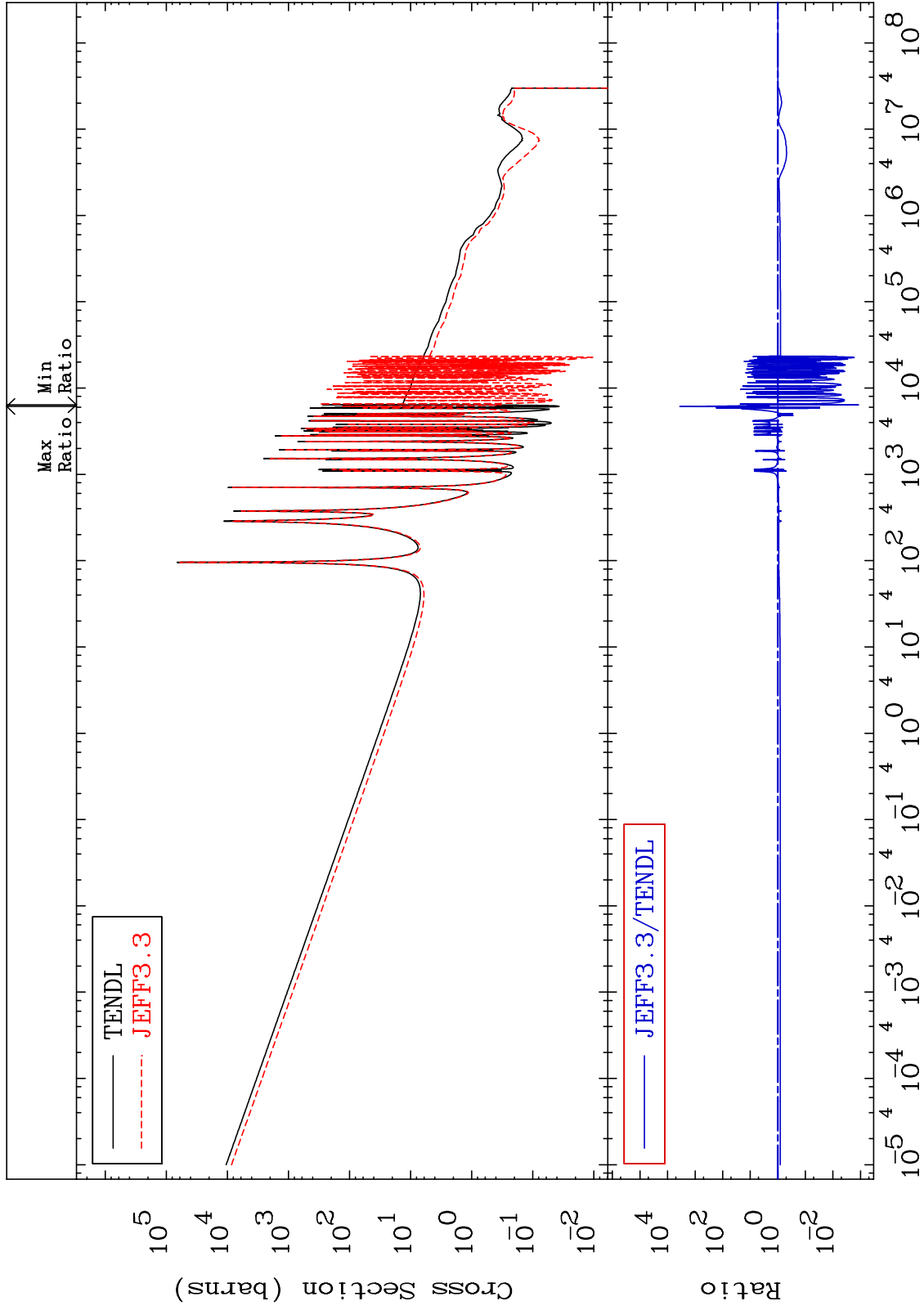
72

31-Ga-71

MAT 3131

Kerma capture (mt102)
Cross Section

31-Ga-71
-99.88 To 9999. %



73

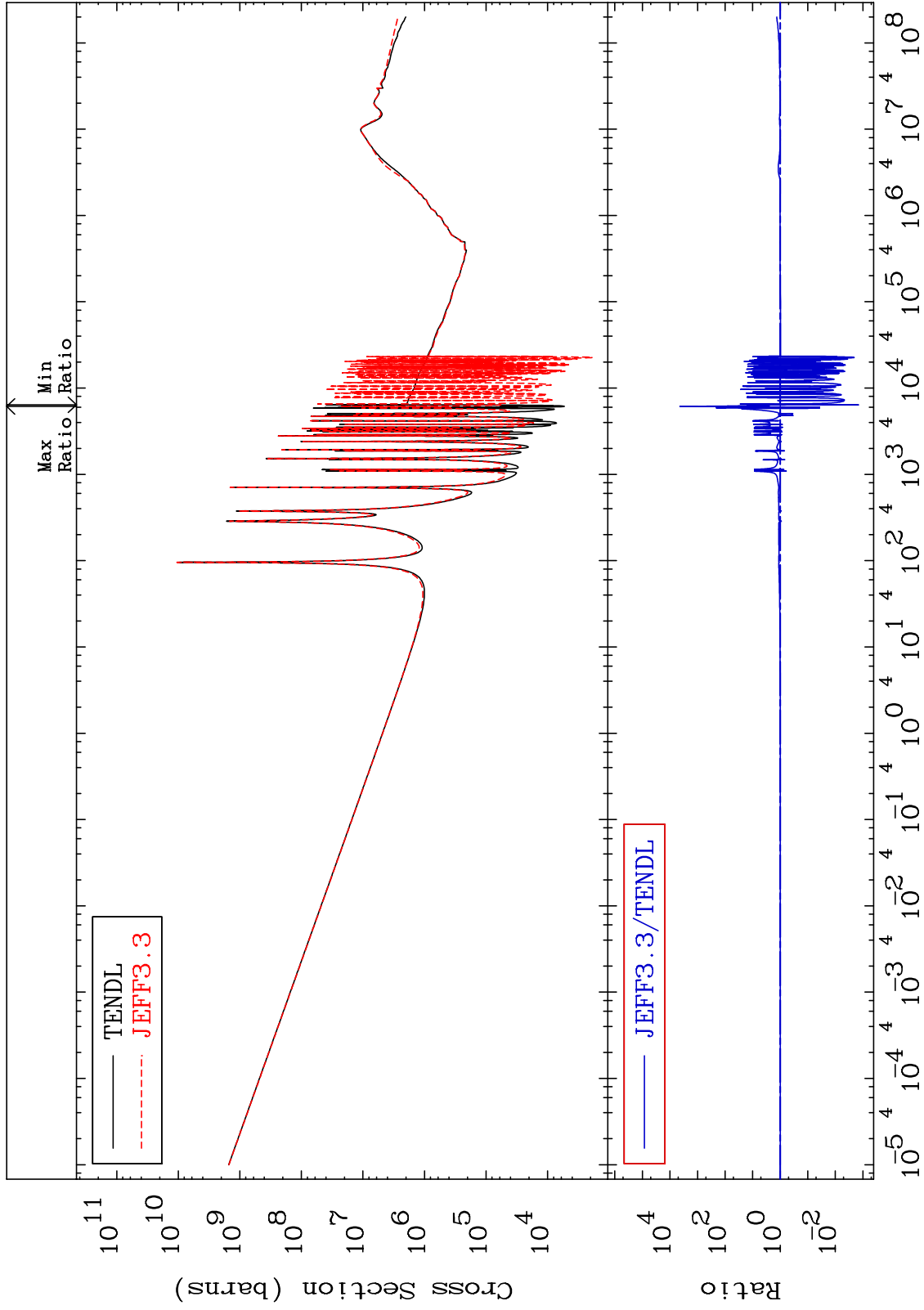
Incident Energy (eV)

31-Ga-71

MAT 3131

Total photon (eV-barns)
Cross Section

31-Ga-71
-99.85 To 9999. %



74

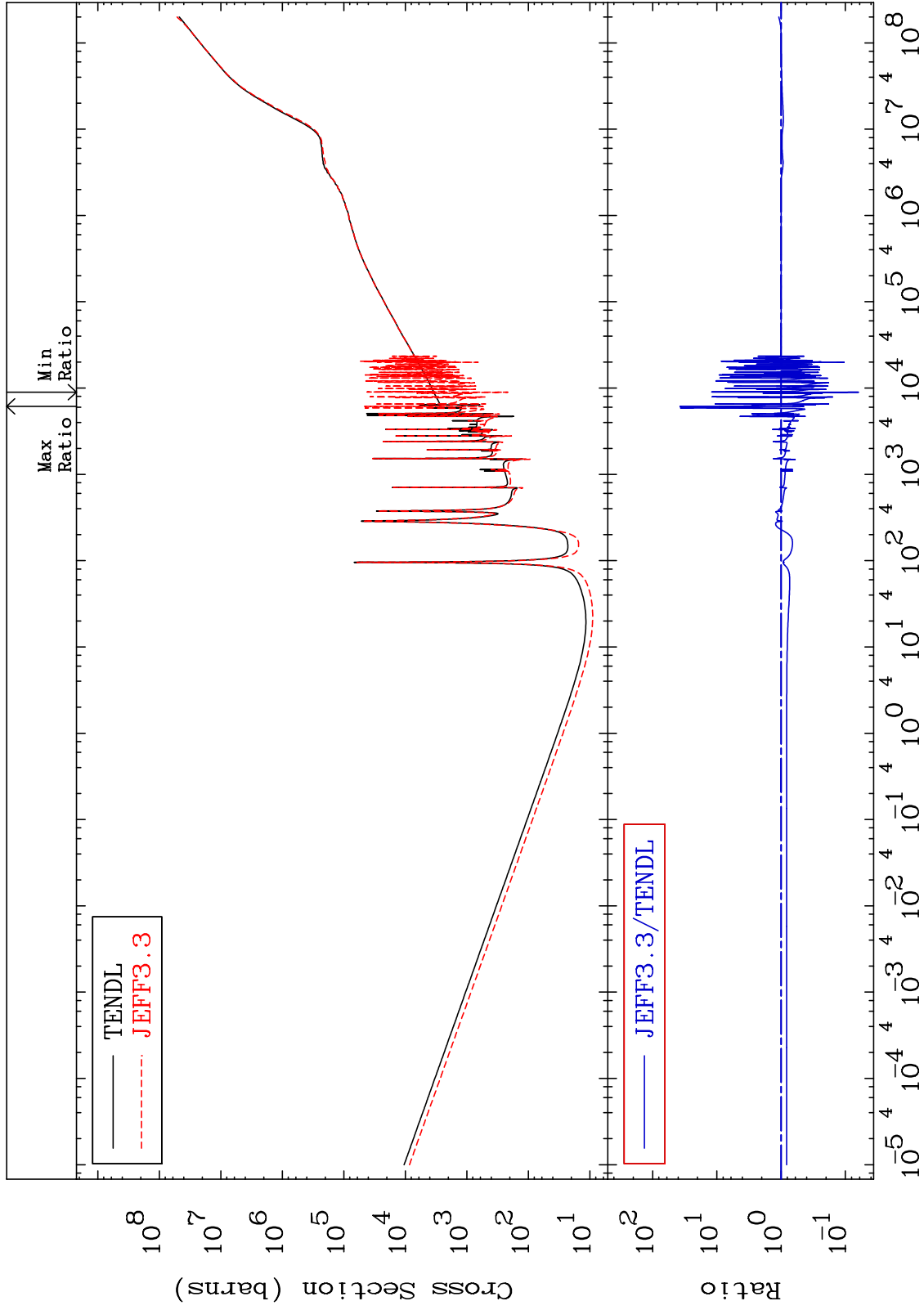
Incident Energy (eV)

31-Ga-71

MAT 3131

Total kinematic kerma (high limit)
Cross Section

31-Ga-71
-93.74 To 3642. %



75

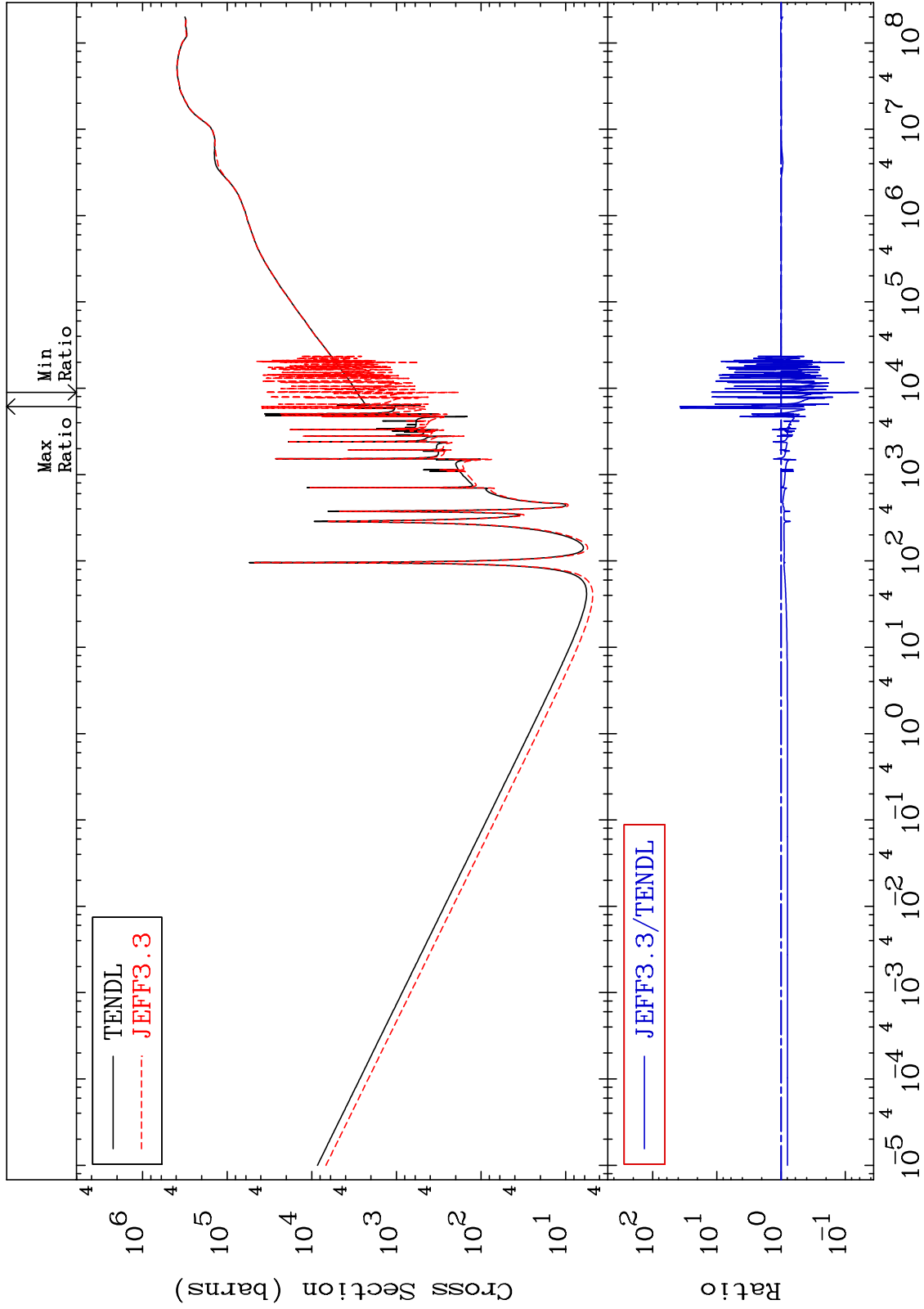
Incident Energy (eV)

31-Ga-71

MAT 3131

Dpa total (eV-barns)
Cross Section

31-Ga-71
-93.74 To 3641. %



76

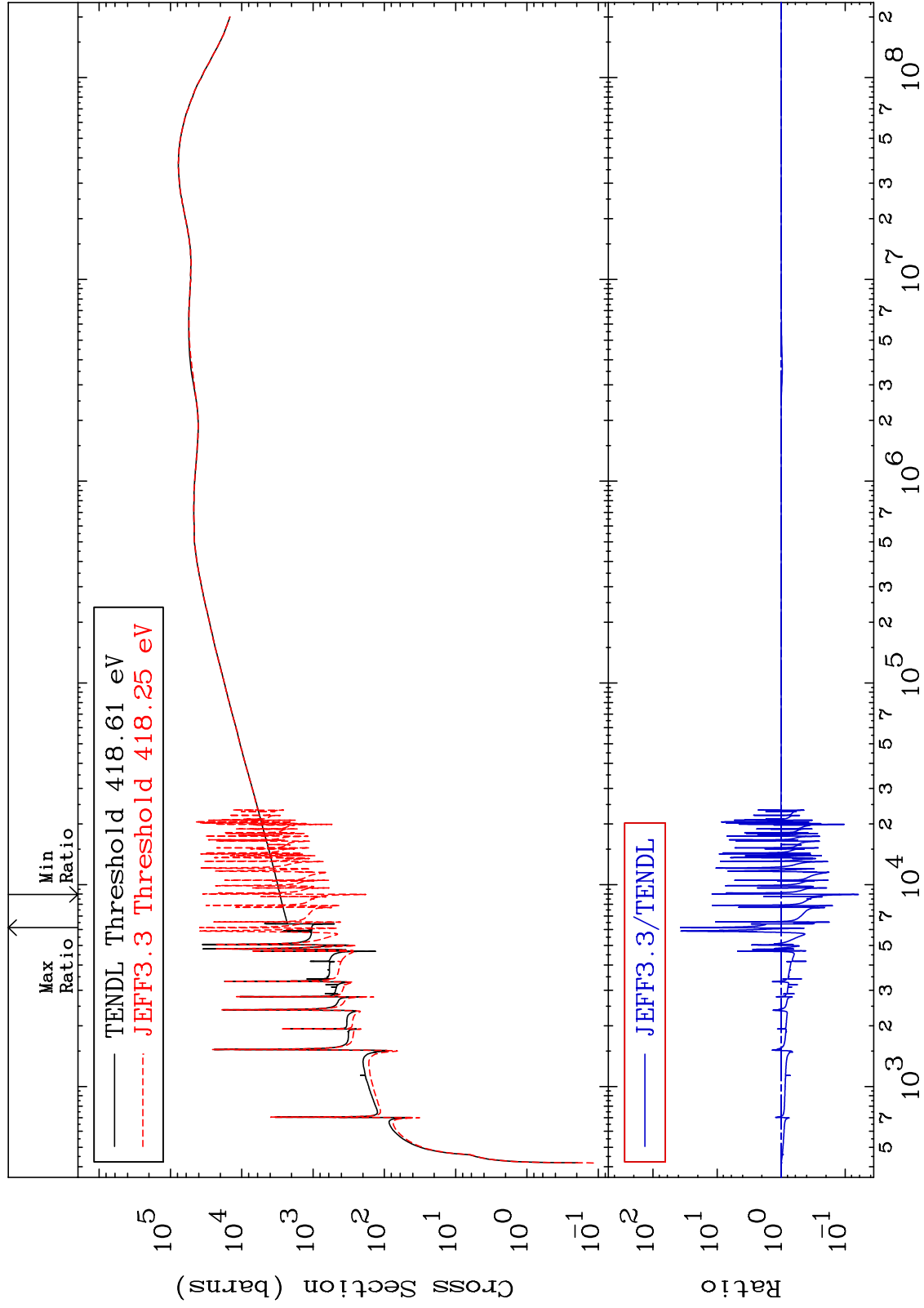
Incident Energy (eV)

31-Ga-71

MAT 3131

Dpa elastic (mt2)
Cross Section

31-Ga-71
-93.79 To 3632. %



77

31-Ga-71

31-Ga-71

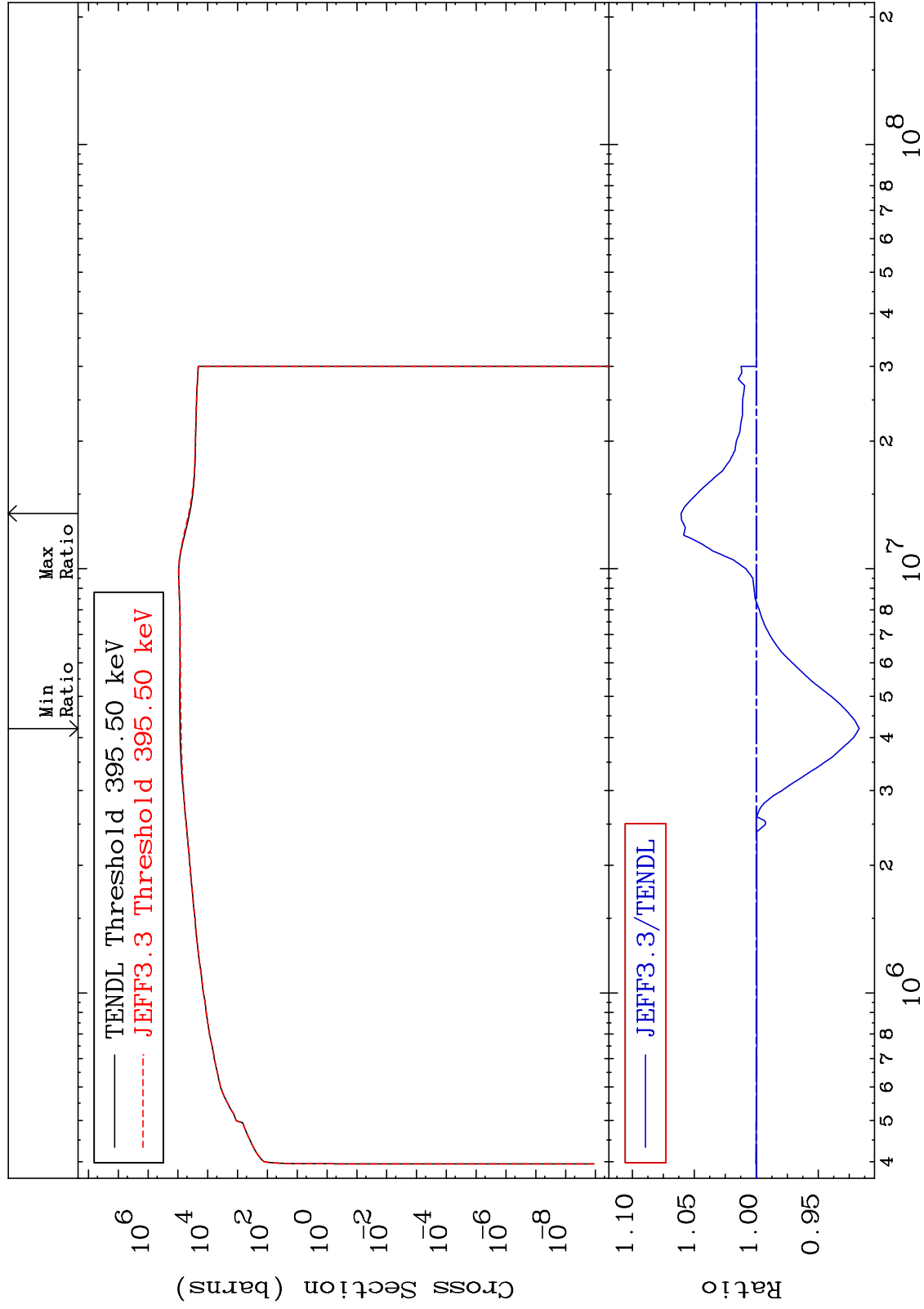
MAT 3131

Dpa inelastic (mt51-91)

31-Ga-71

-8.310 To 6.070 %

Cross Section



78

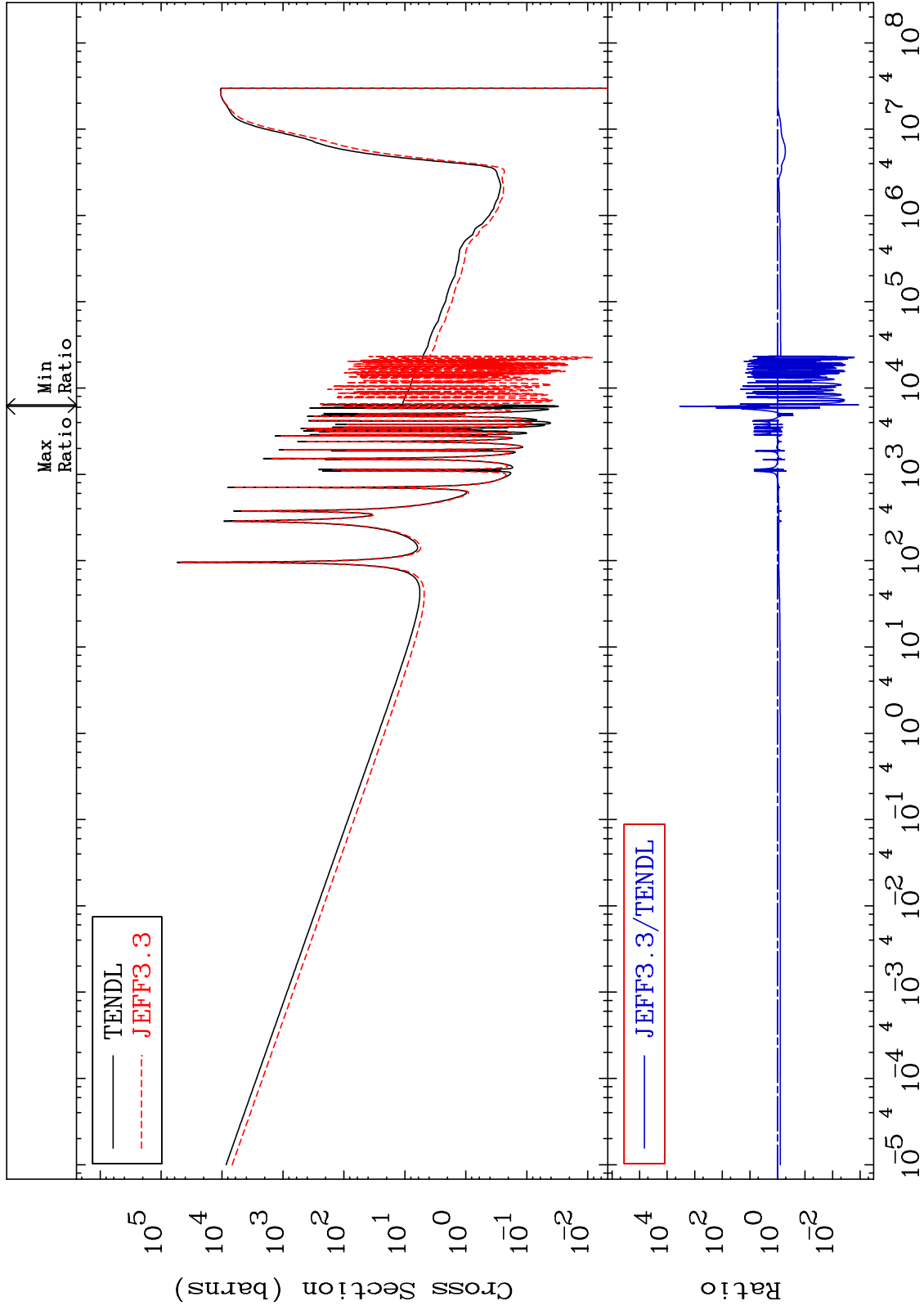
Incident Energy (eV)

31-Ga-71

MAT 3131

Dpa disappearance (mt102 -120)
Cross Section

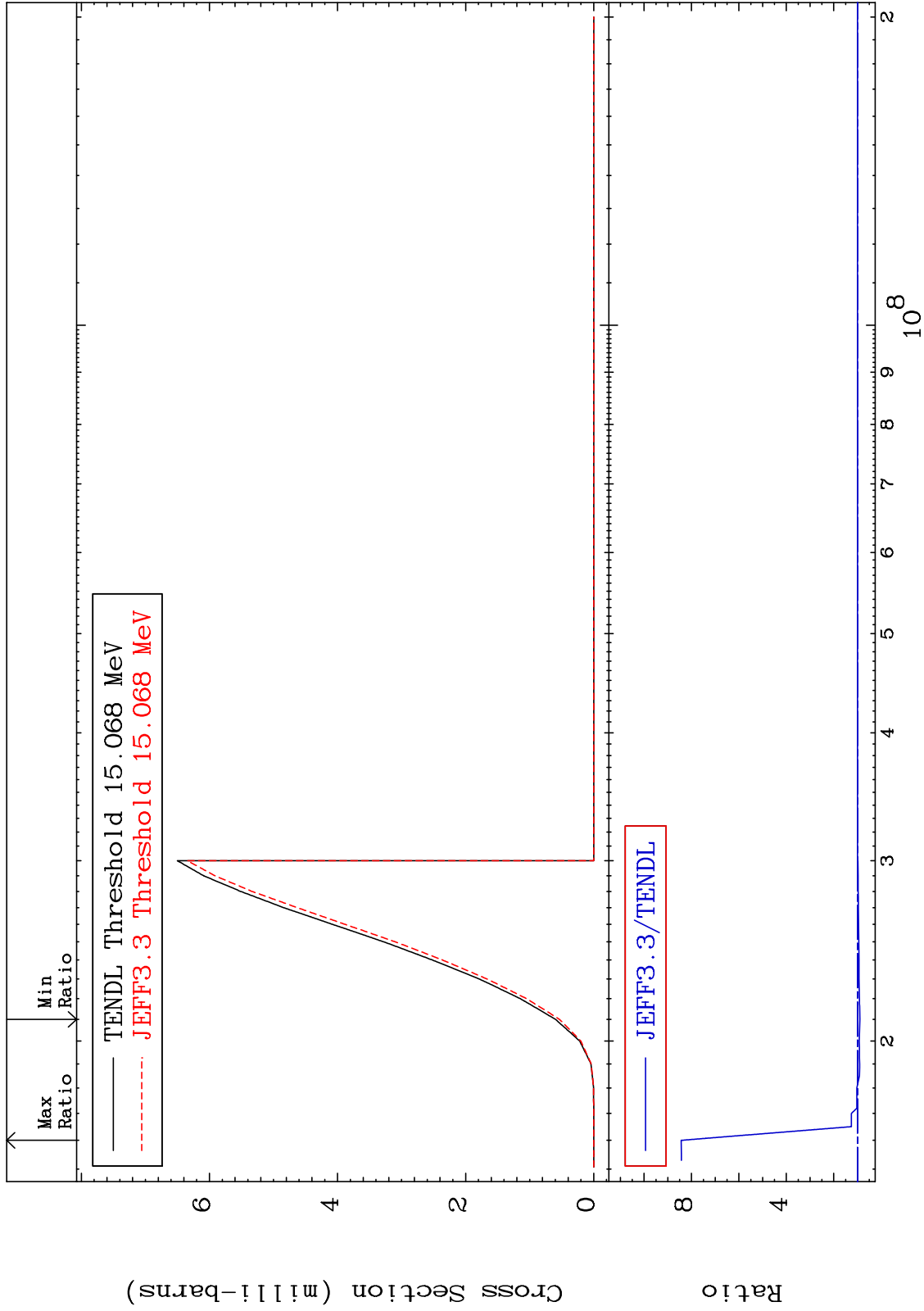
31-Ga-71
-99.88 To 9999. %



79

Incident Energy (eV)

31-Ga-71

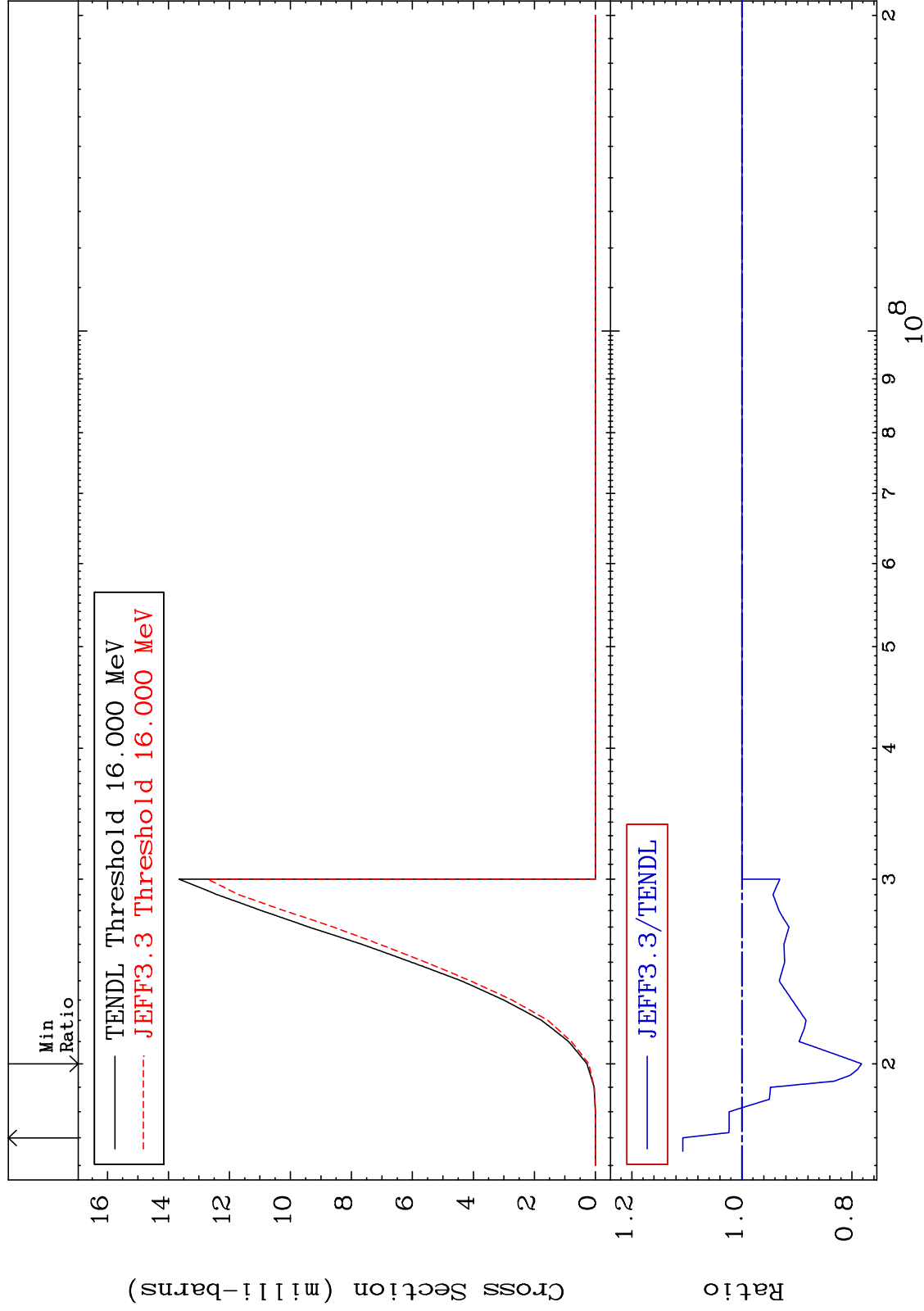


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -21.76 To 10.75 %



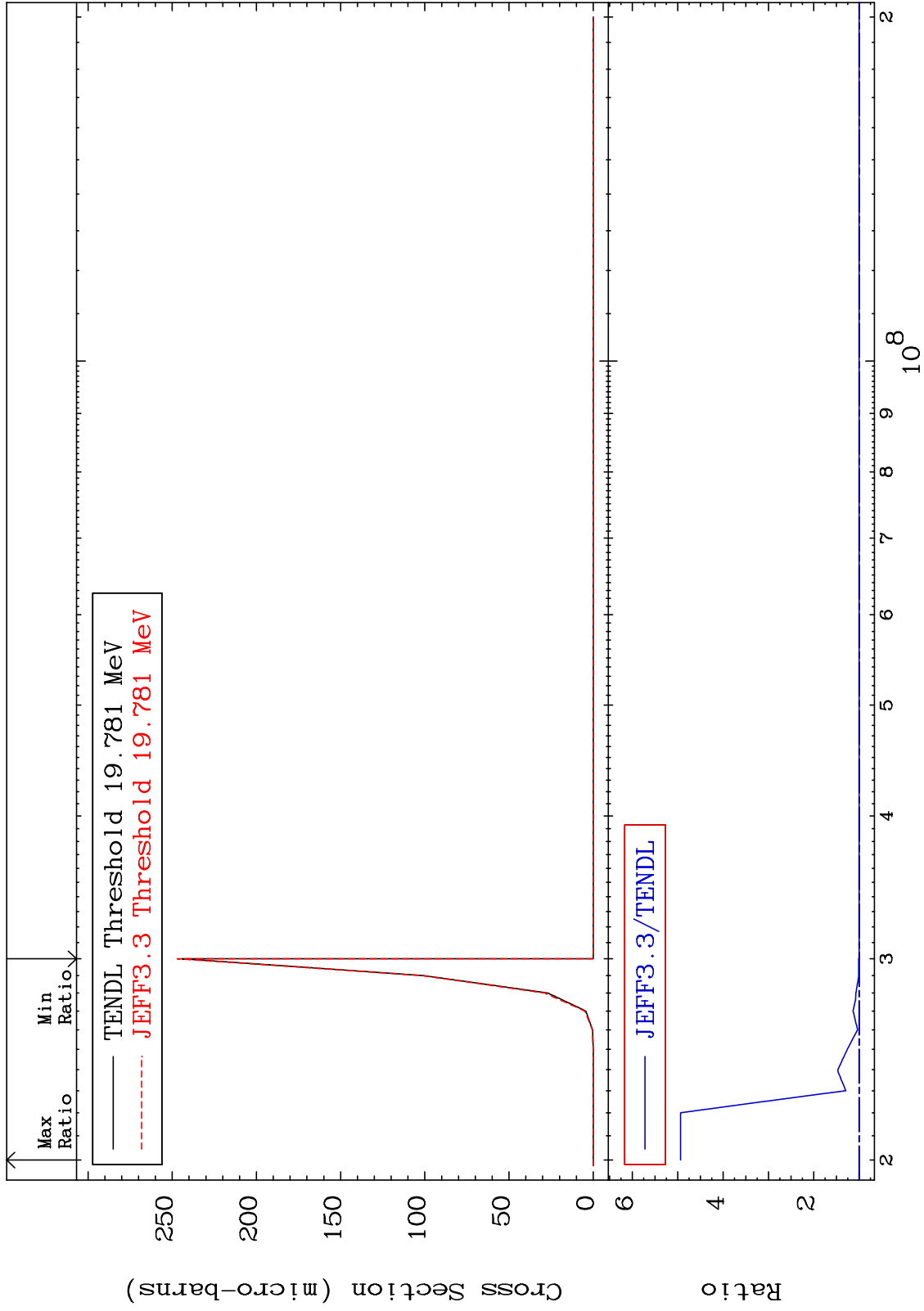
81

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 %

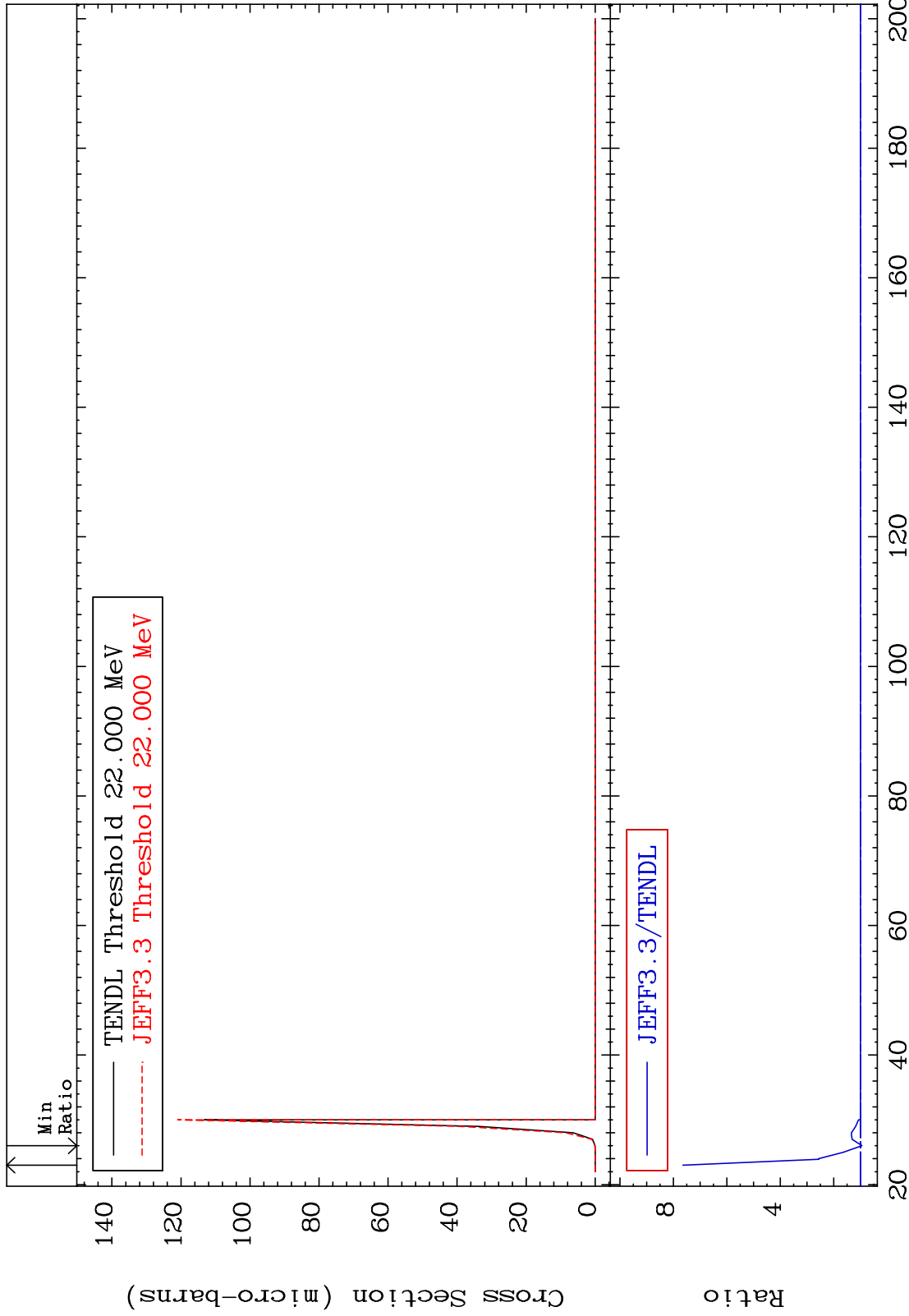


MAT 3131

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

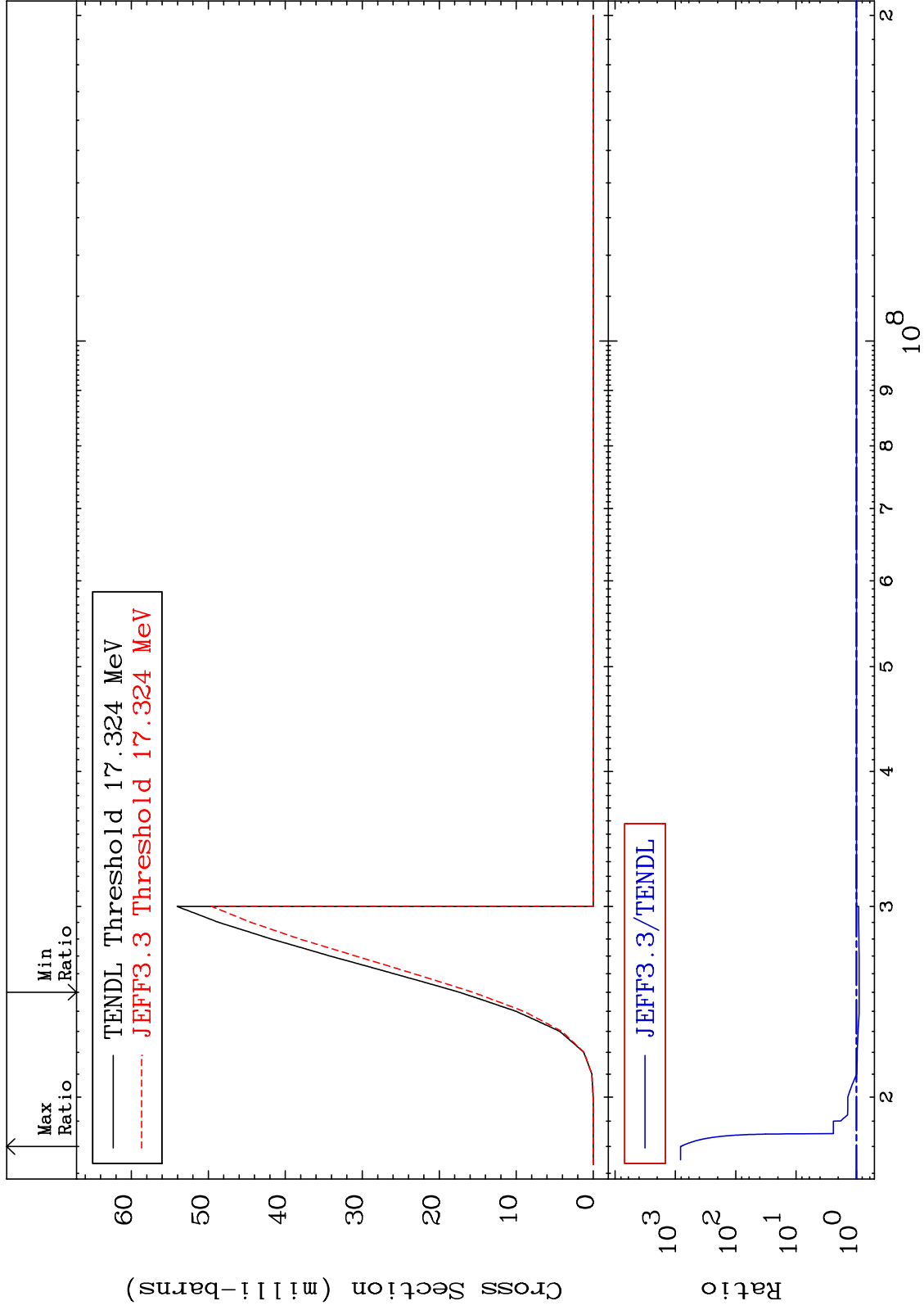
31-Ga-71

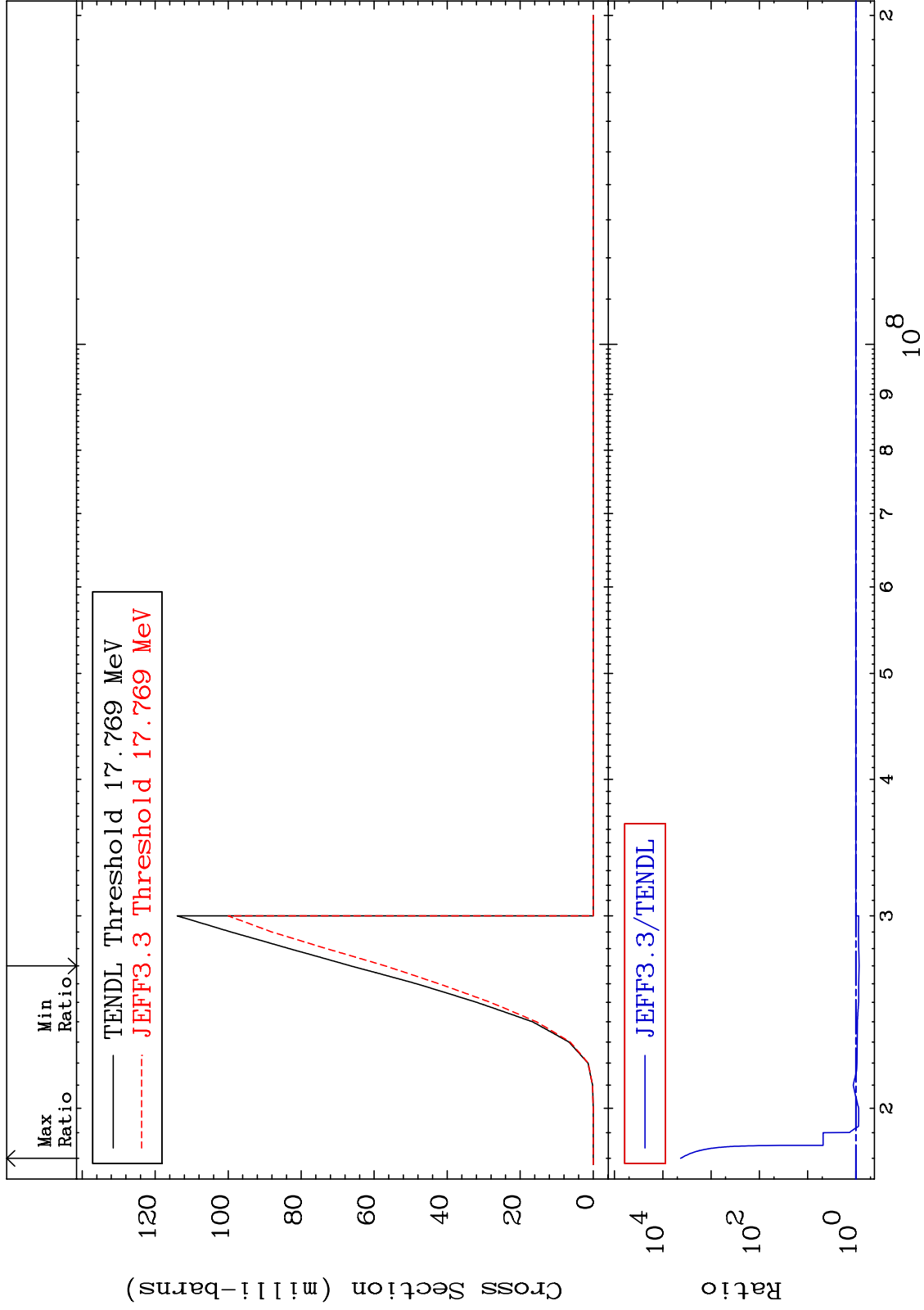
Radionuclide Production Cross Section -6.267 To 664.1 %



83

31-Ga-71



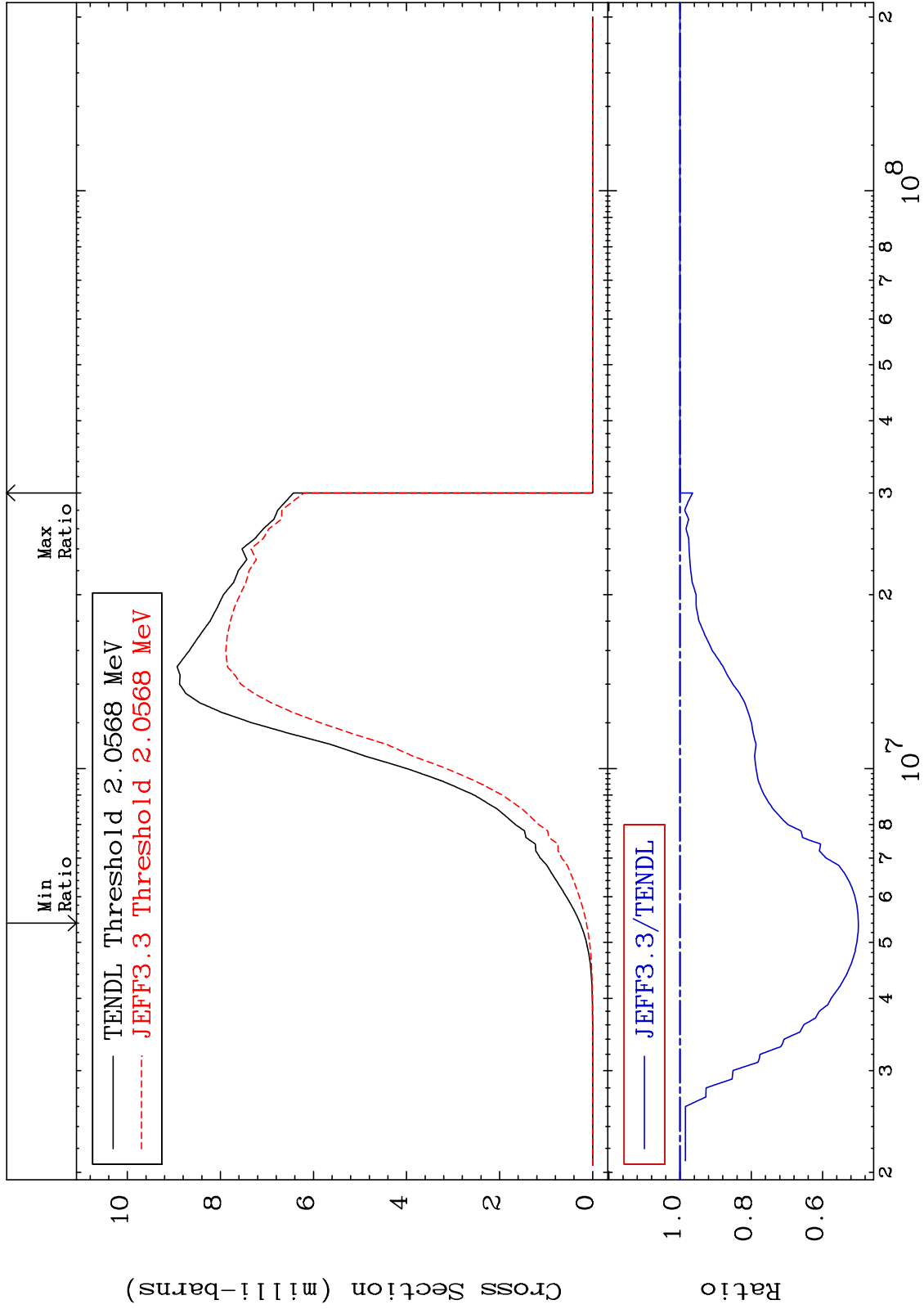


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -50.09 To 0.000 %

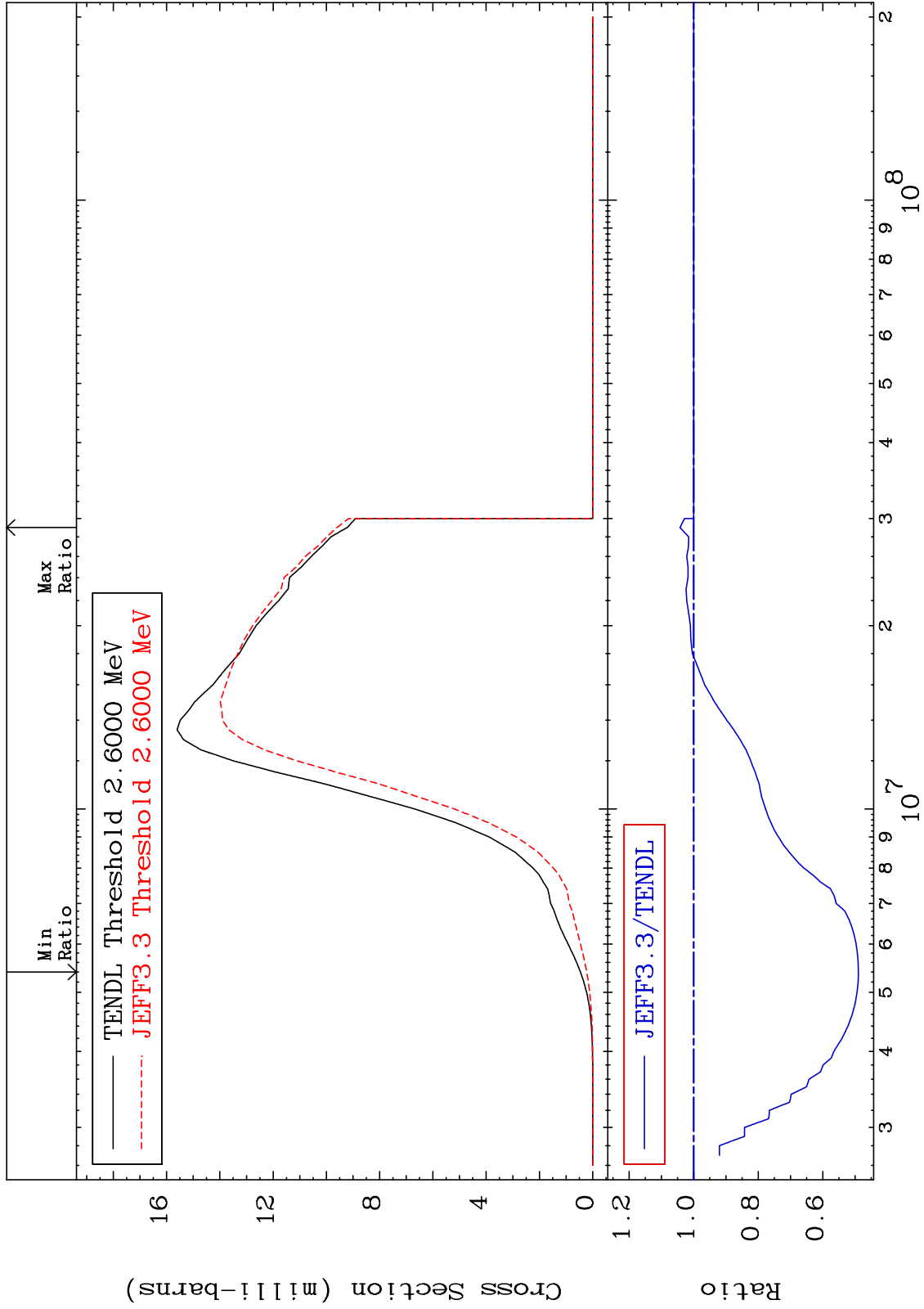


MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -51.04 To 4.233 %



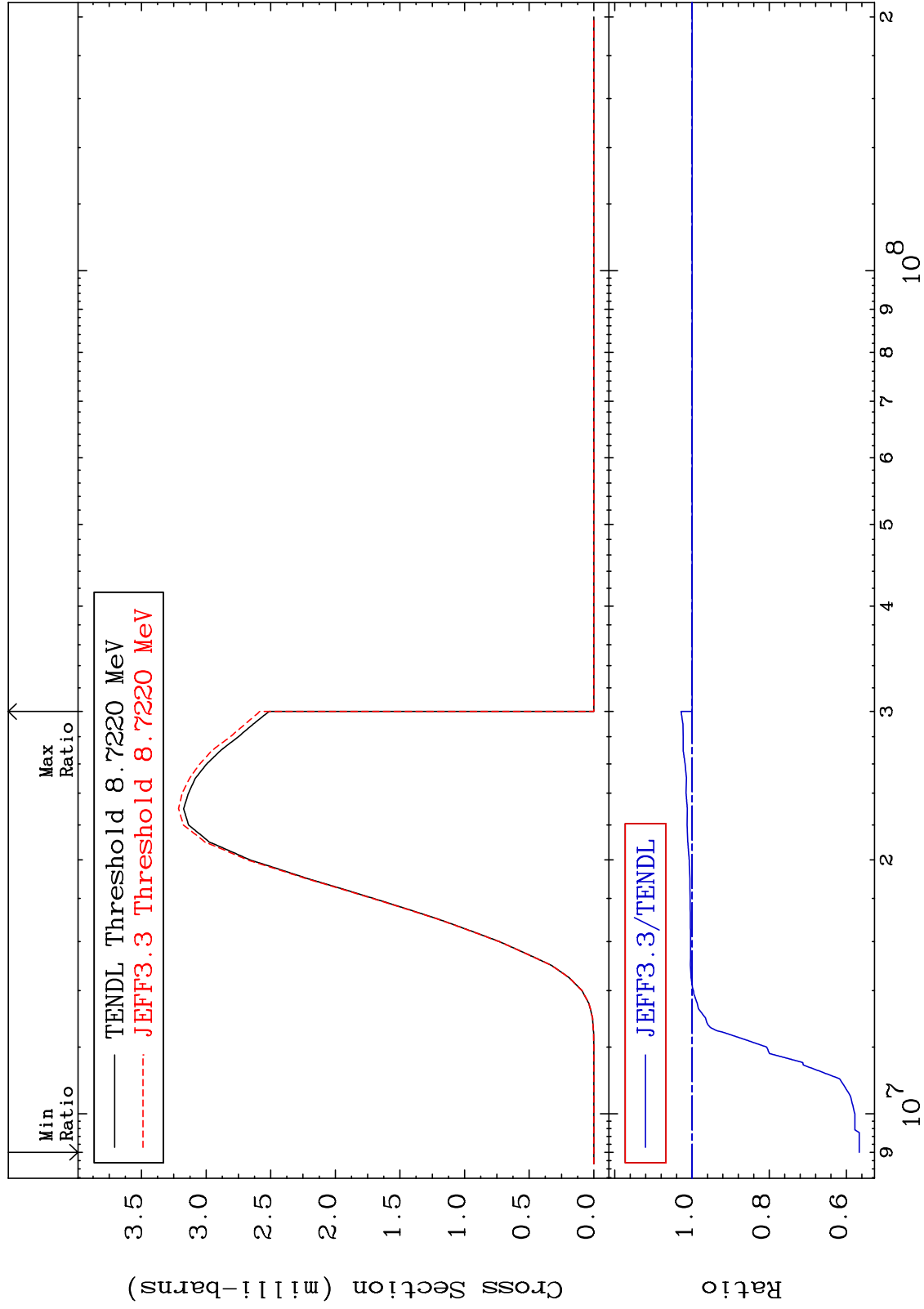
87

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)

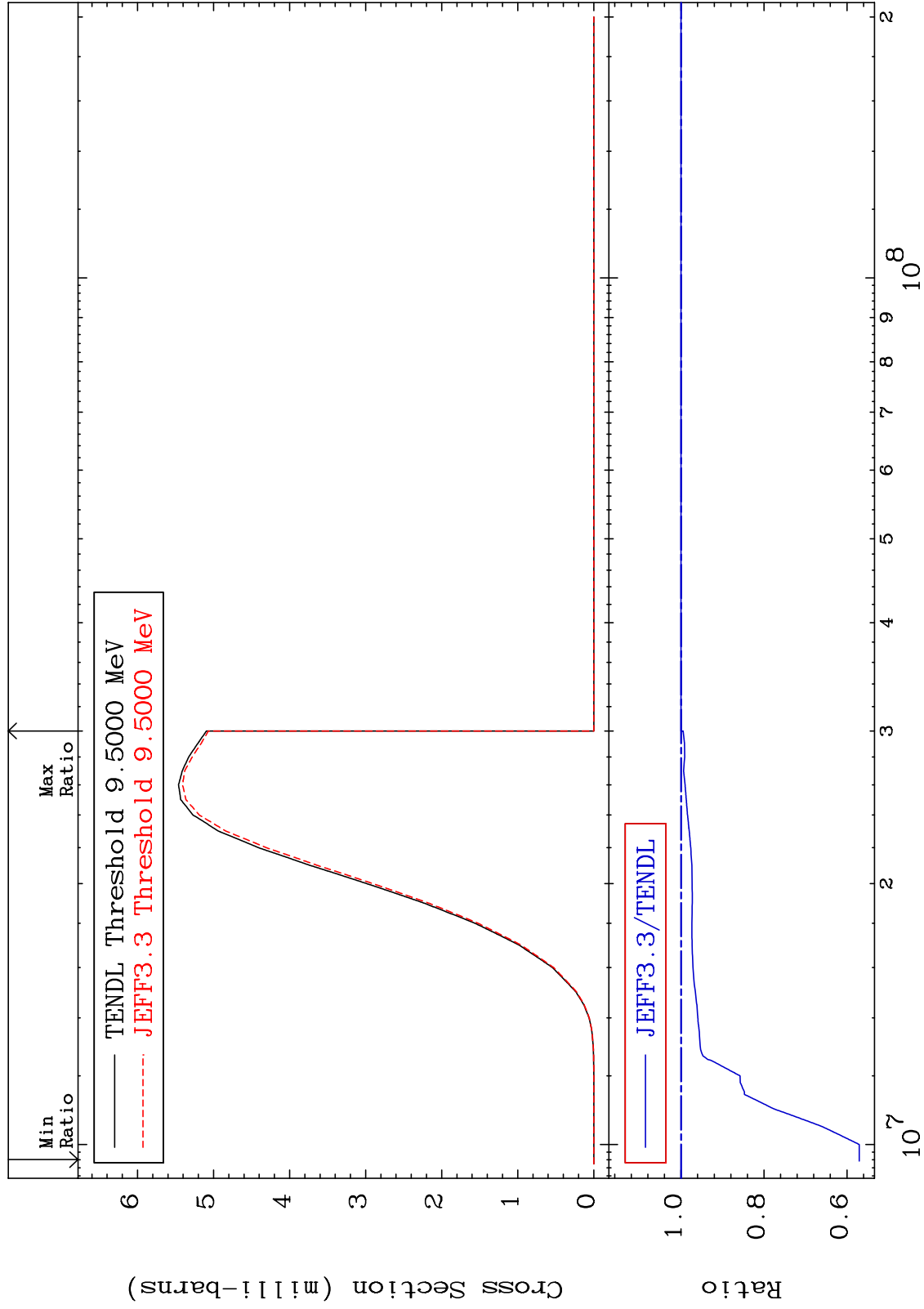
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -42.98 To 0.000 %



89

Incident Energy (eV)

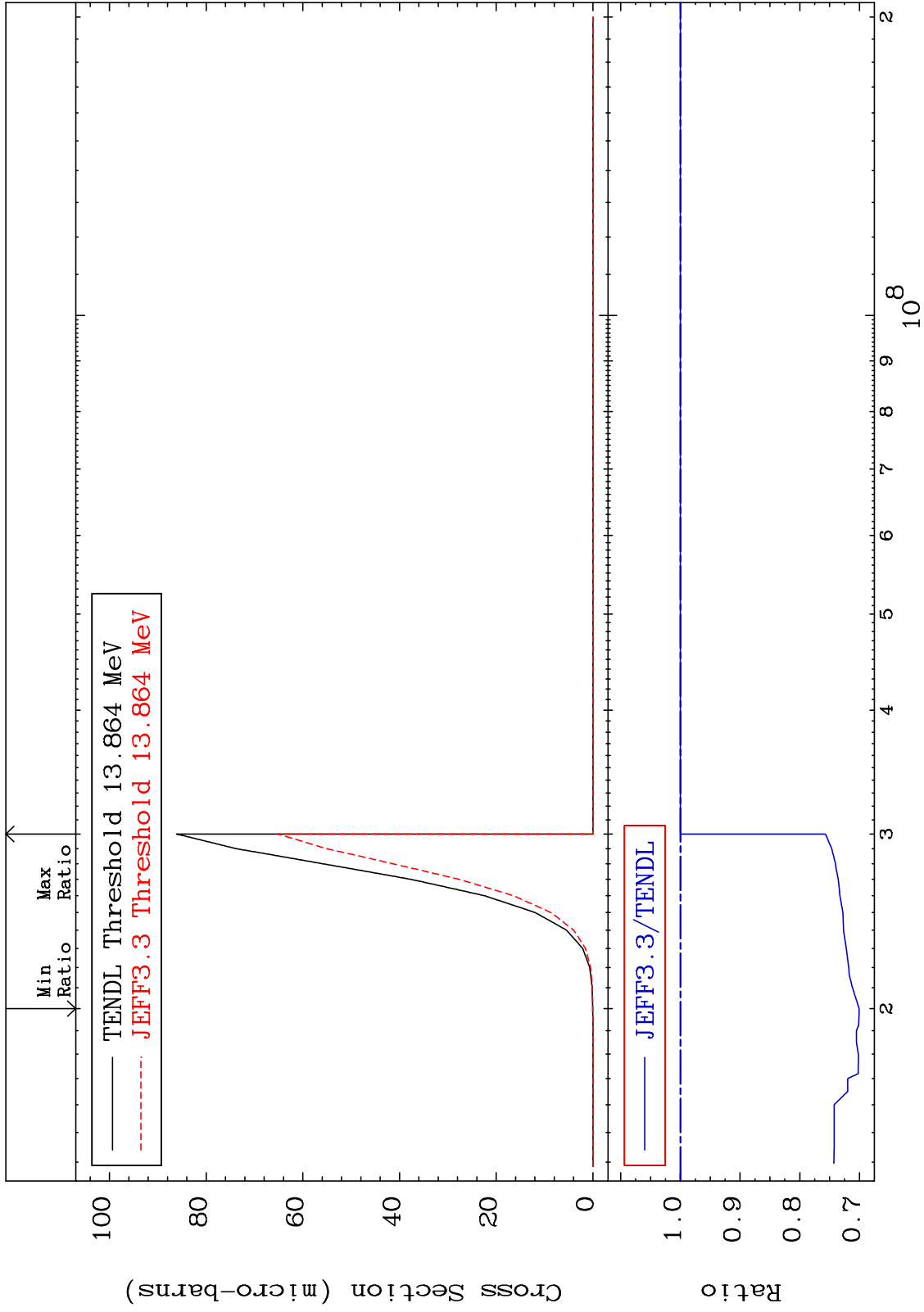
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -29.95 To 0.000 %



90

Incident Energy (eV)

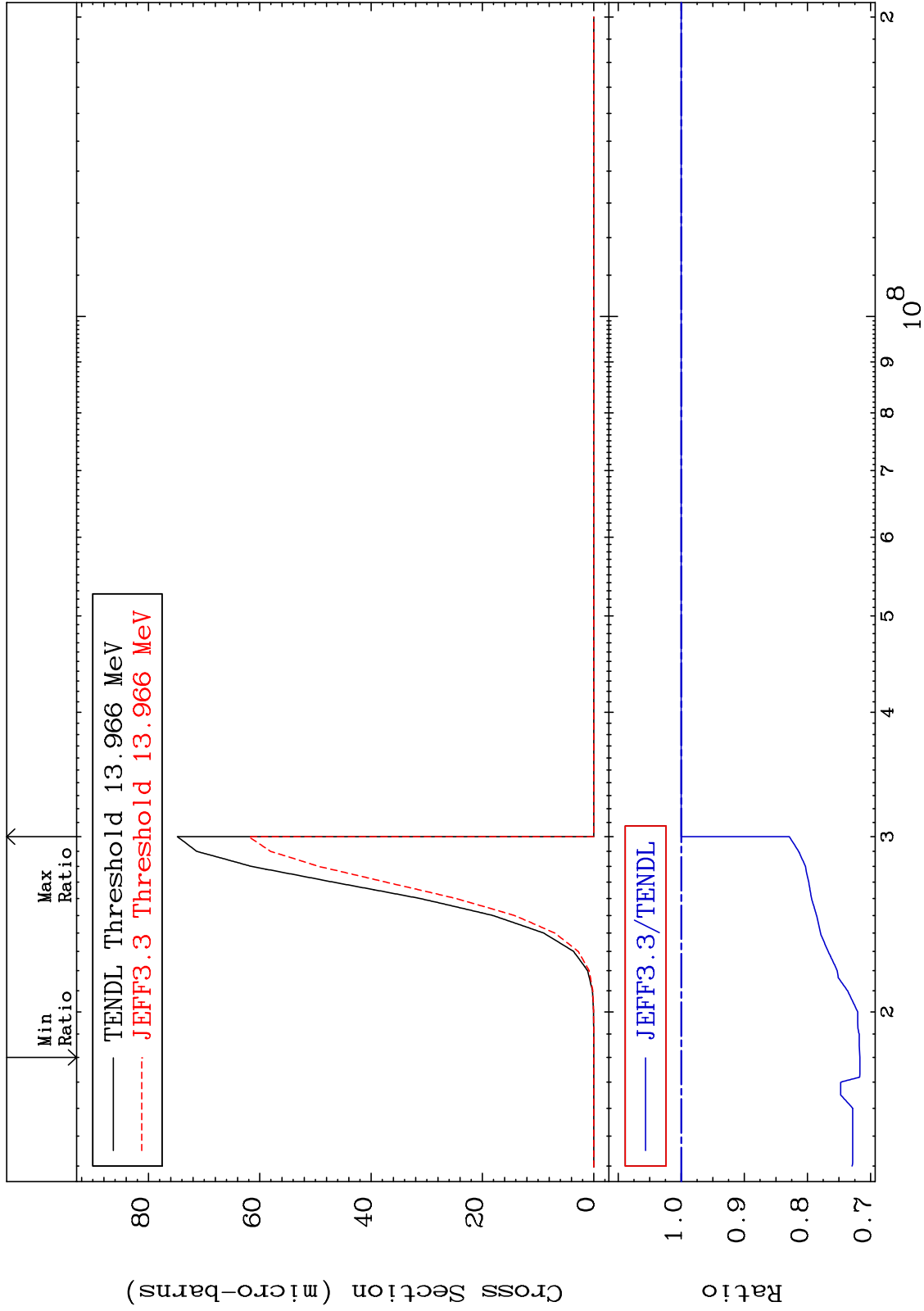
31-Ga-71

MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -28.32 To 0.000 %

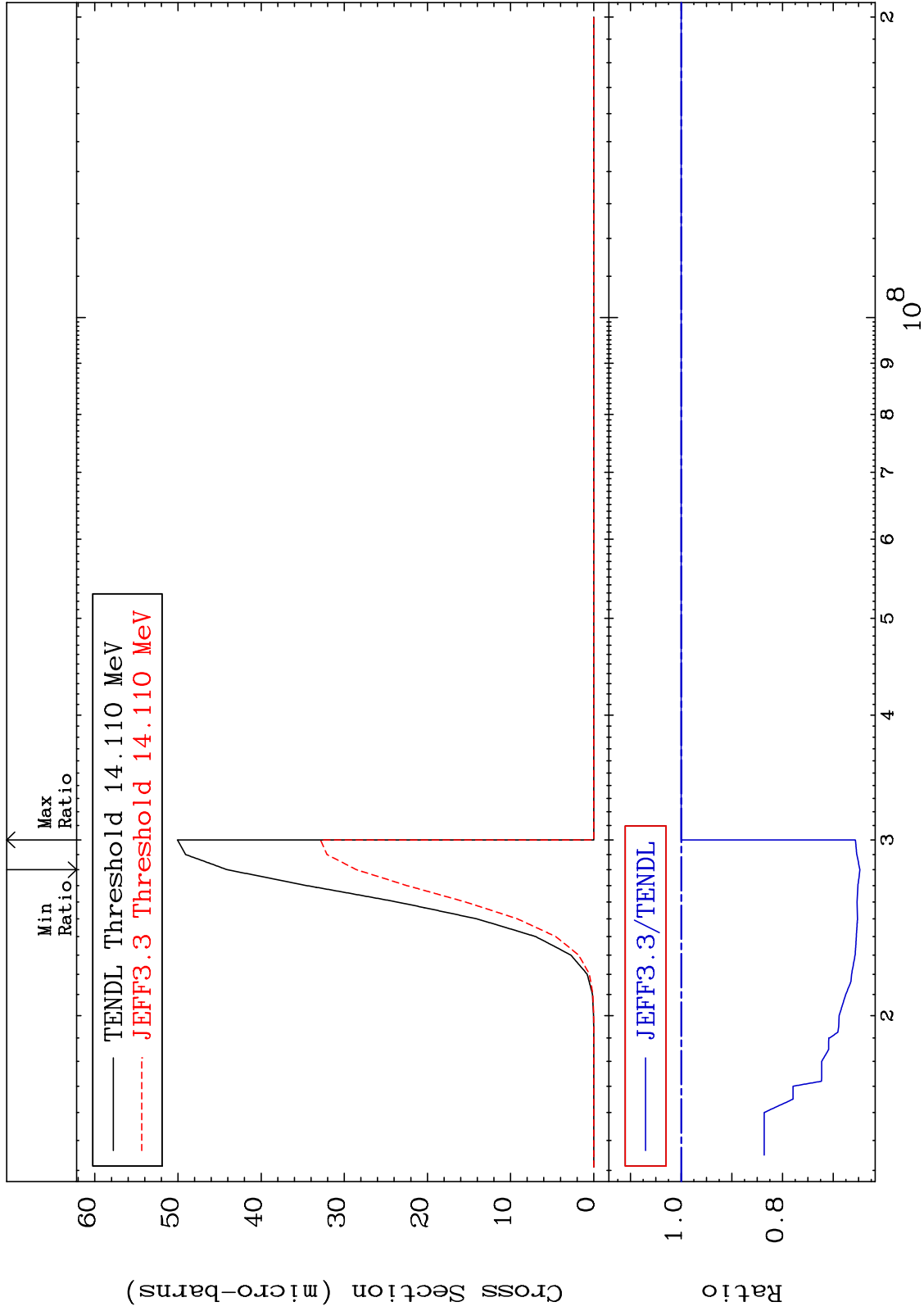


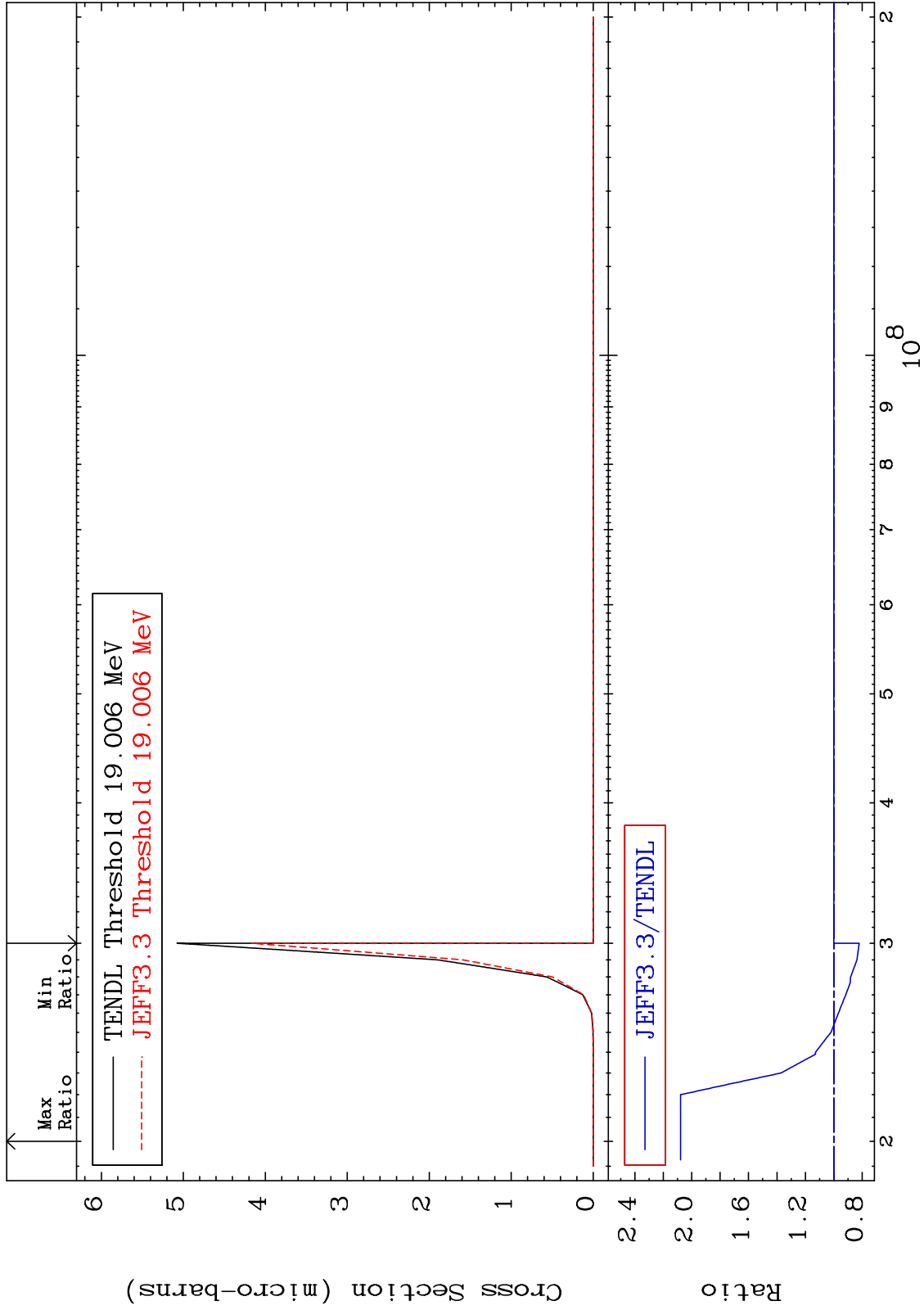
MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -35.26 To 0.000 %





MAT 3131

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

31-Ga-71

Radionuclide Production Cross Section -3.255 To 350.2 %

