

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

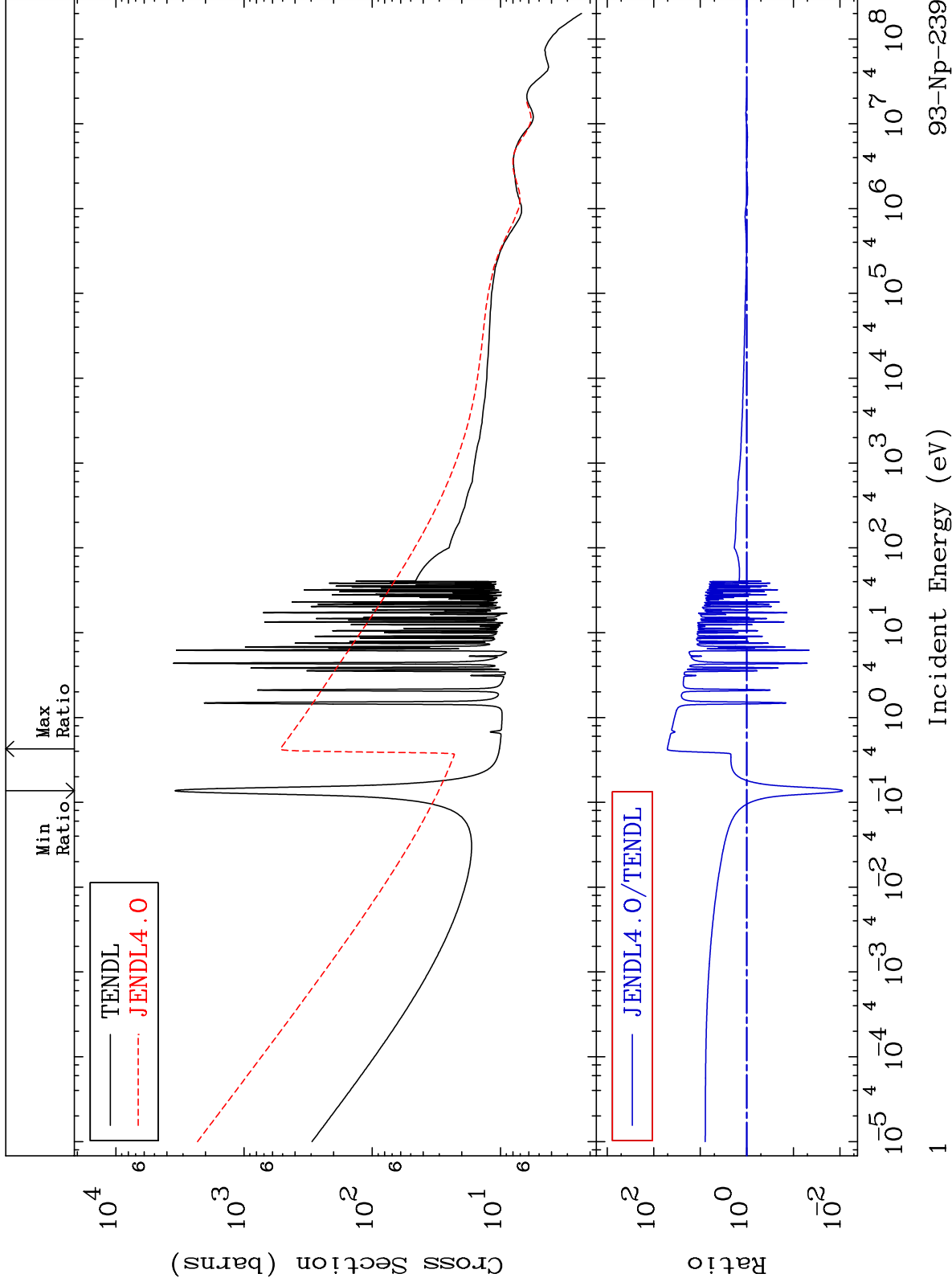
MAT 9352

Total

93-Np-239

Cross Section

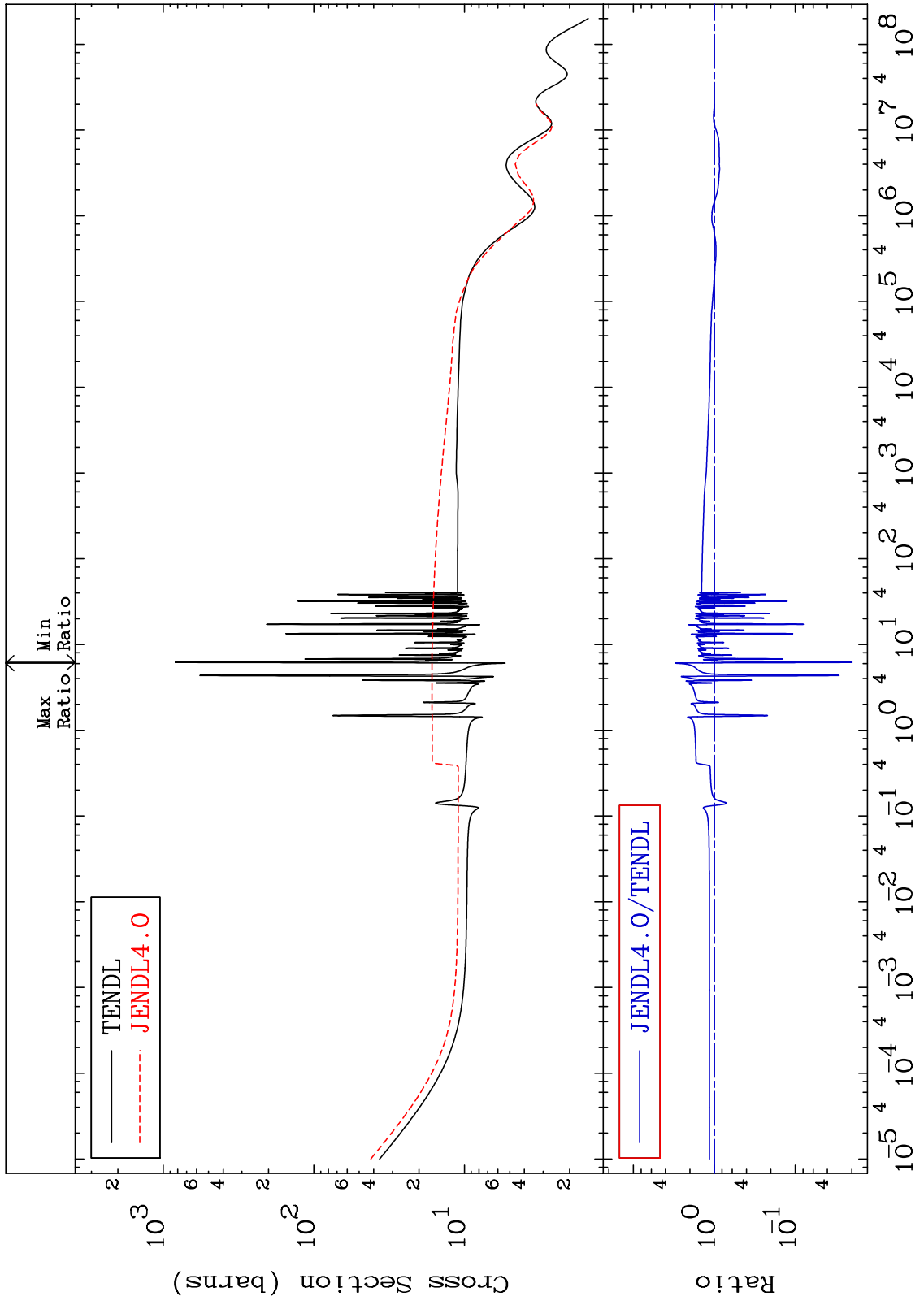
-99.12 To 5014. %



MAT 9352

Elastic
Cross Section

93-Np-239
-98.03 To 205.1 %



2

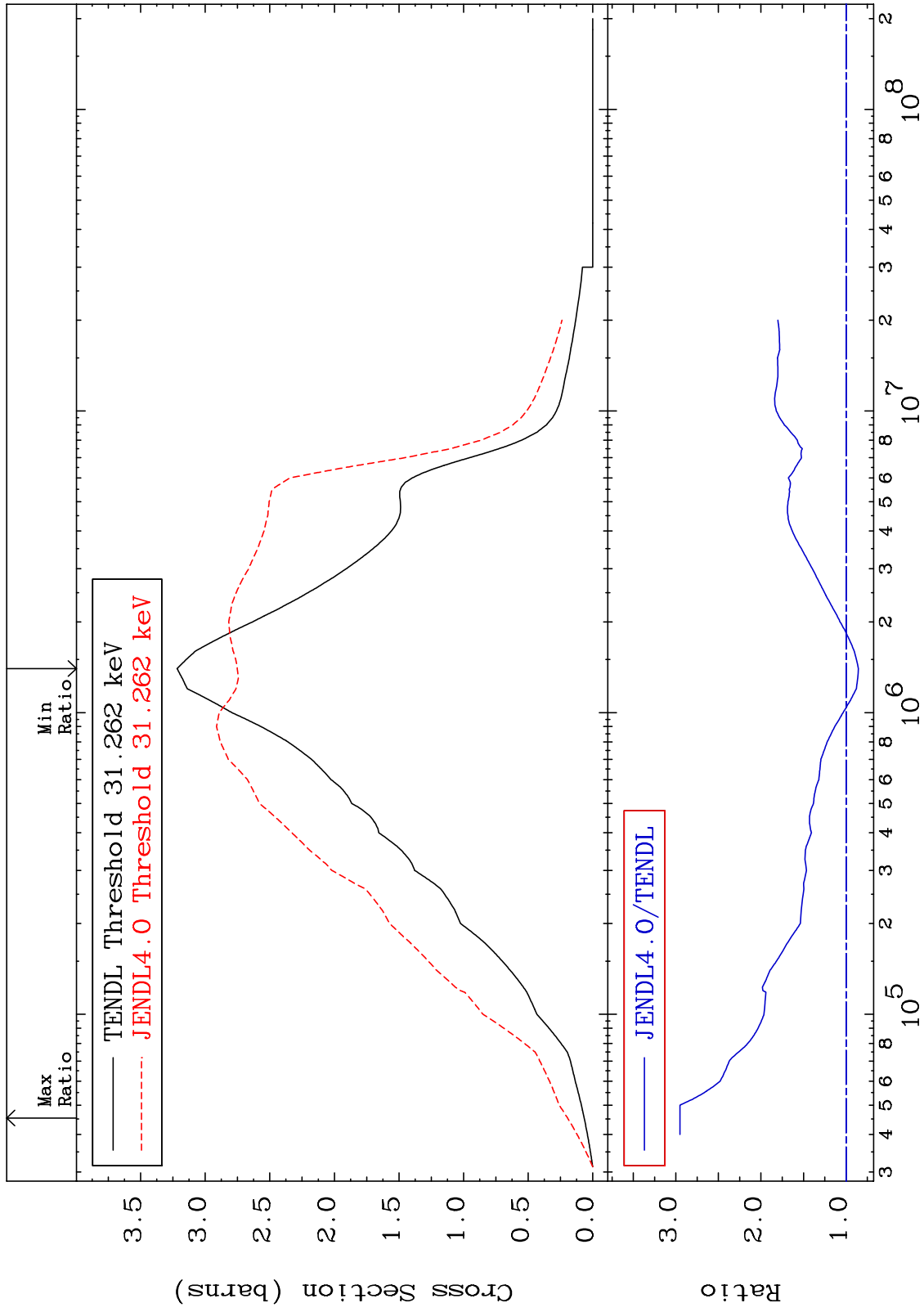
Incident Energy (eV)

93-Np-239

MAT 9352

Inelastic
Cross Section

93-Np-239
-14.50 To 195.1 %



3

Incident Energy (eV)

93-Np-239

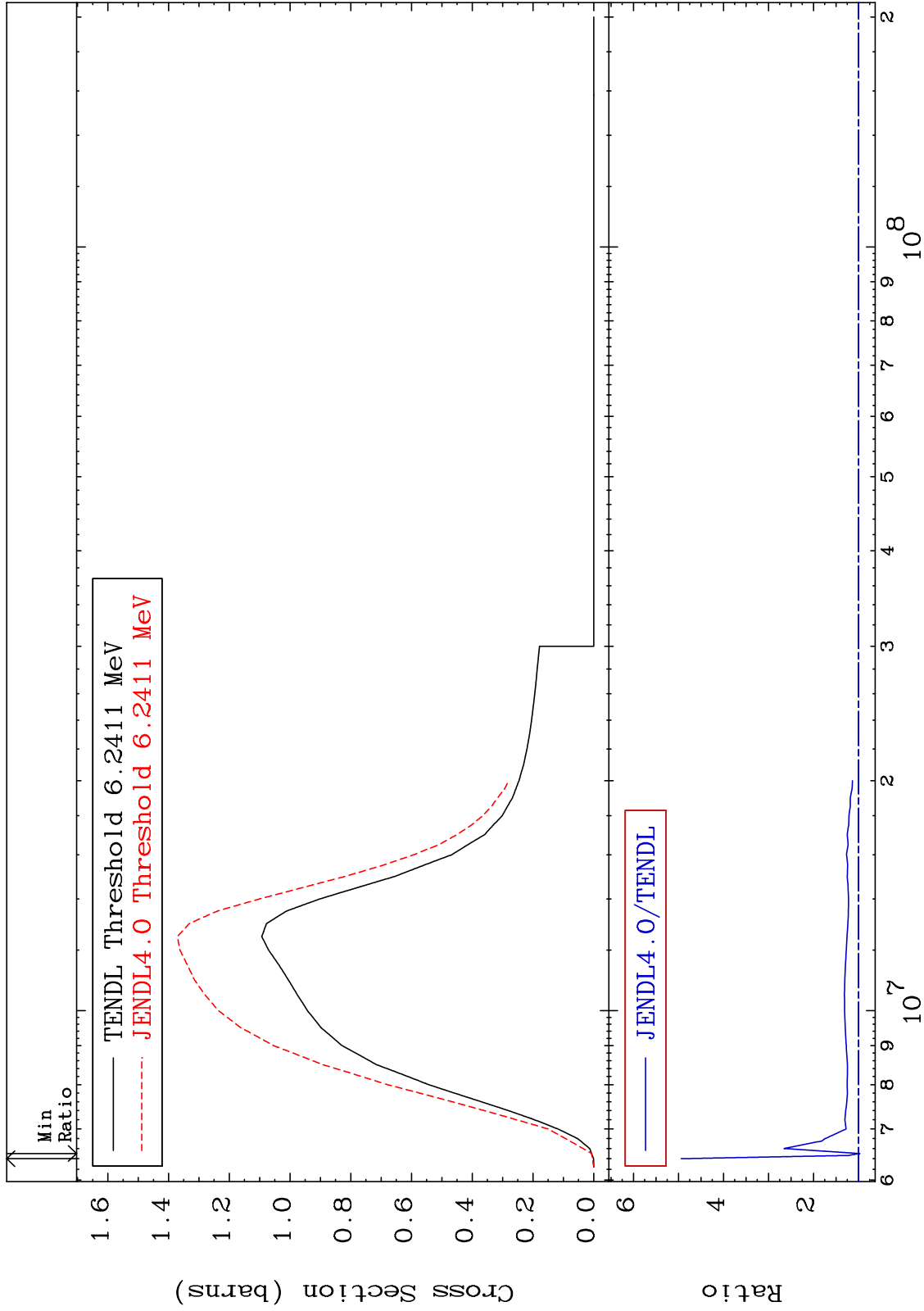
MAT 9352

(n,2n)

93-Np-239

Cross Section

-3.122 To 393.9 %



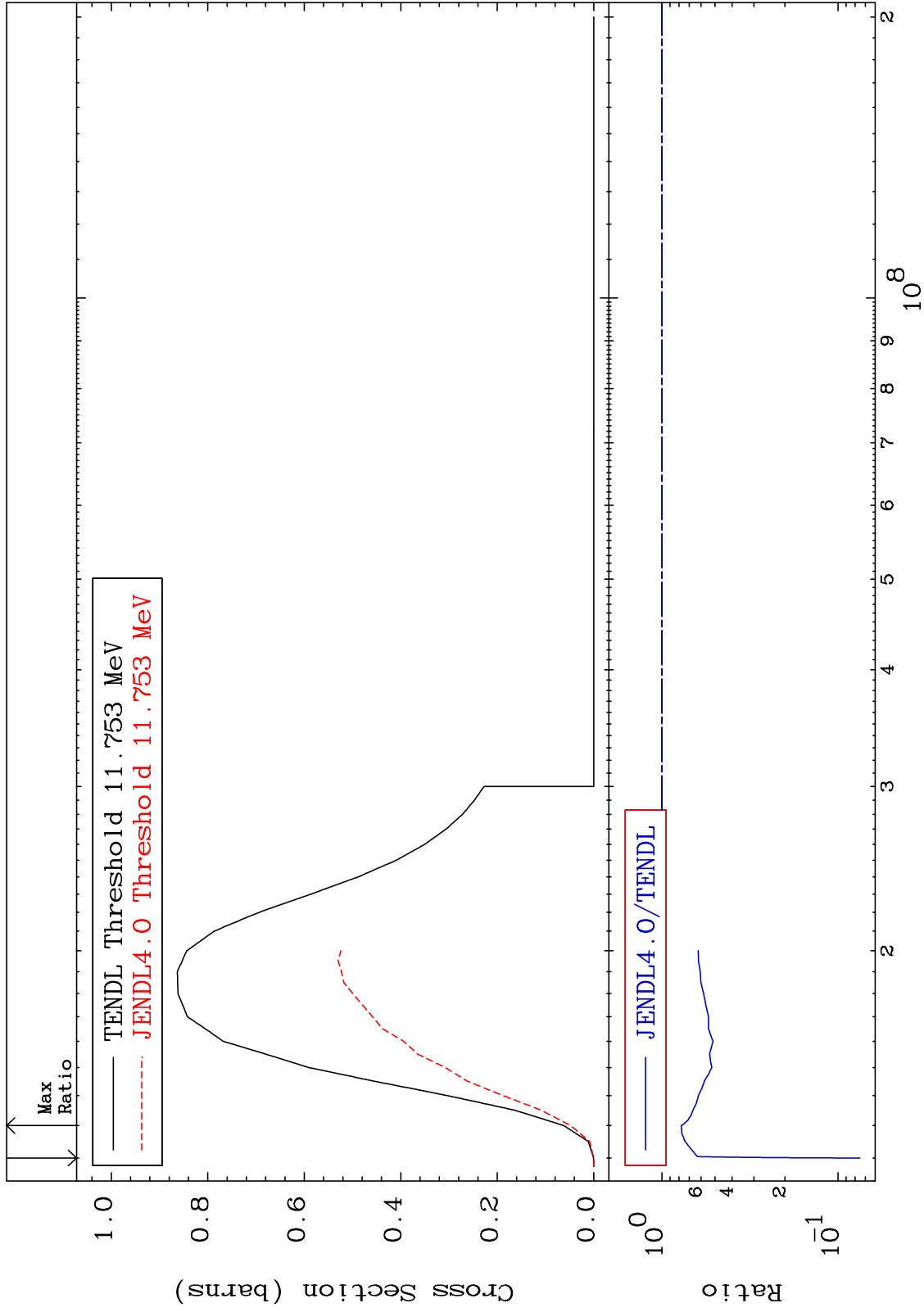
MAT 9352

(n, 3n)

93-Np-239

Cross Section

-92.49 To -22.32%



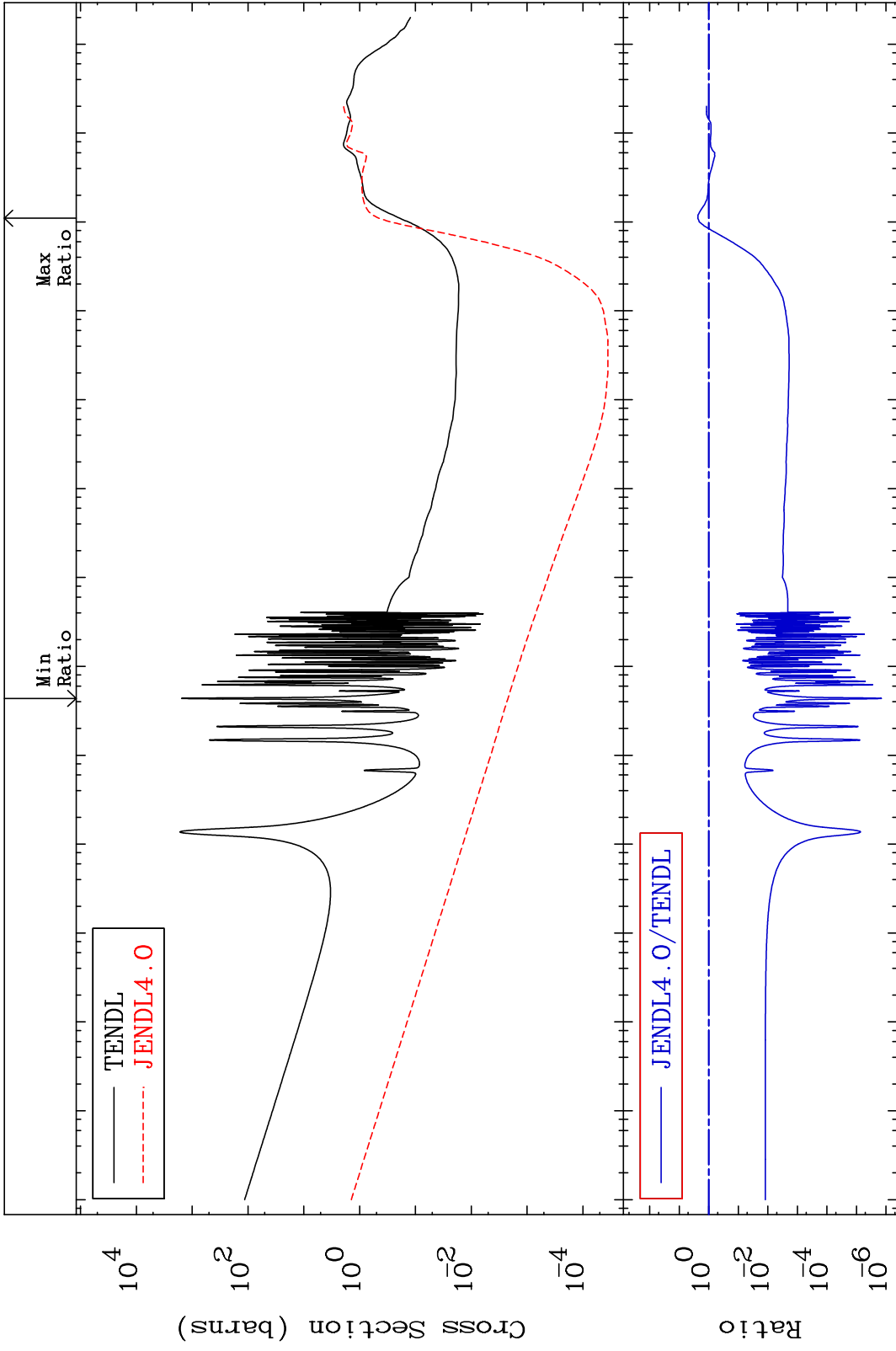
MAT 9352

Fission

93-Np-239

Cross Section

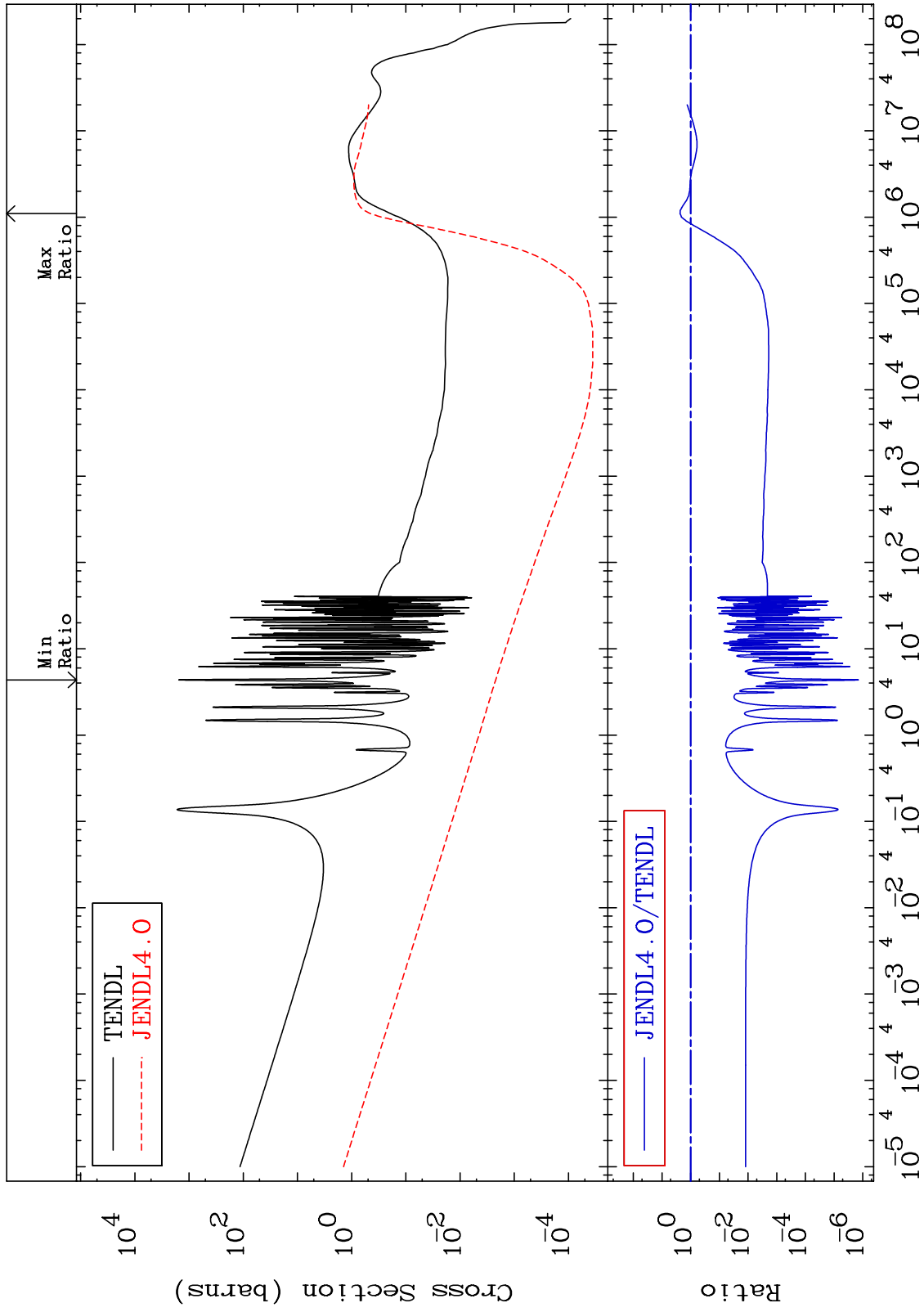
-100.0 To 135.8 %



MAT 9352

(n,f) First Chance
Cross Section

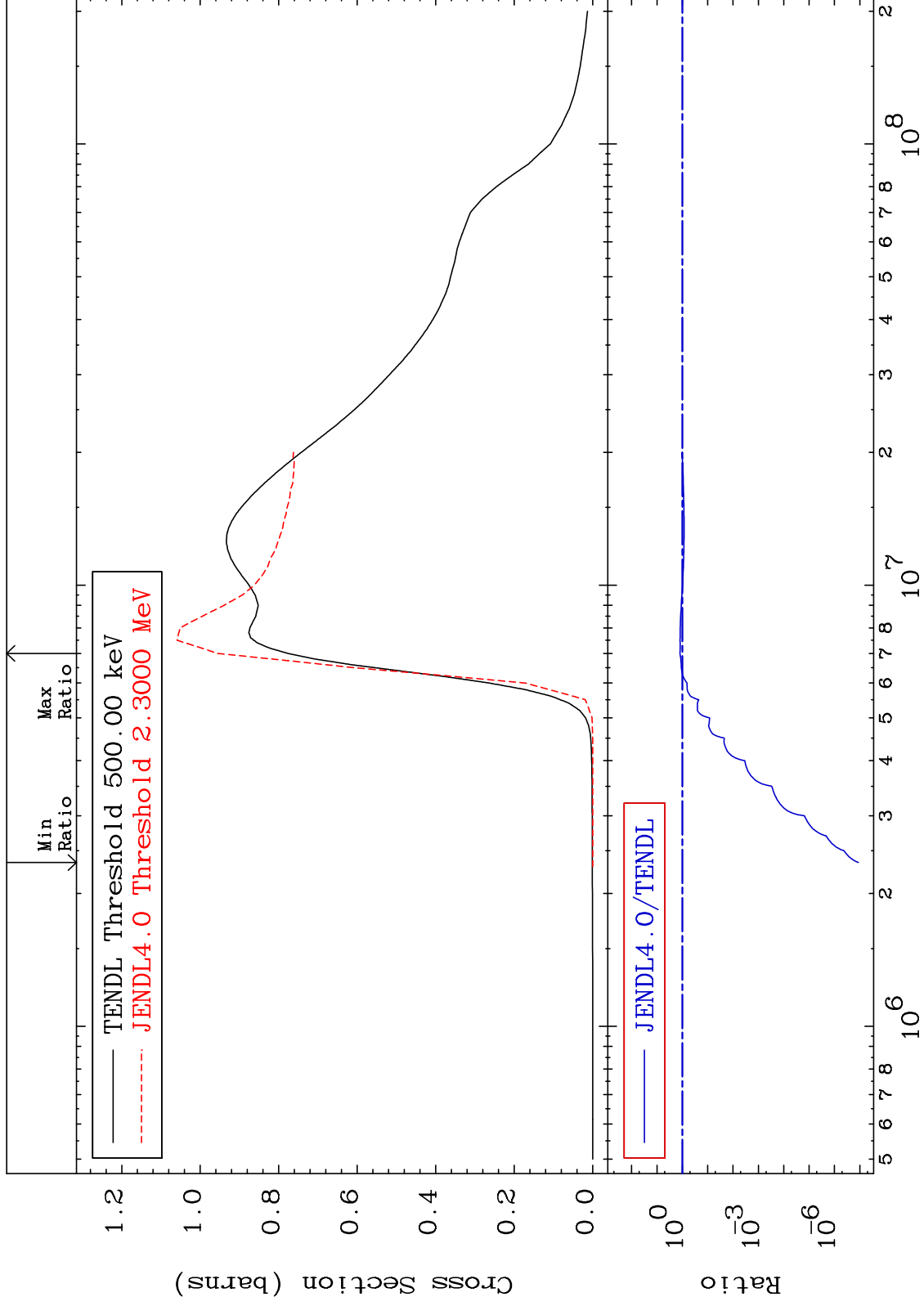
93-Np-239
-100.0 To 135.8 %



MAT 9352

(n, nf) Second Chance
Cross Section

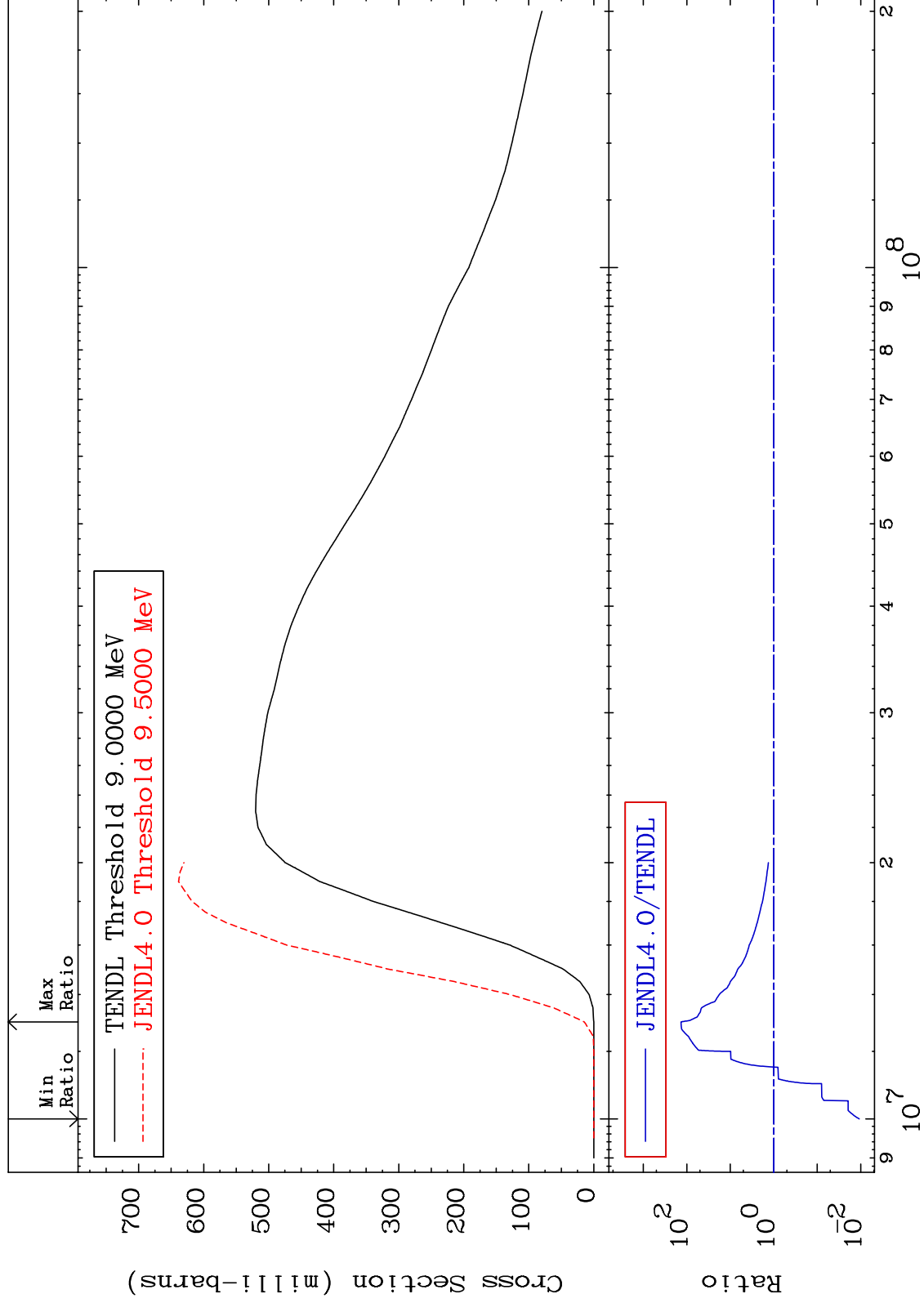
93-Np-239
-100.0 To 23.11 %



MAT 9352

(n,2nf) Third Chance
Cross Section

93-Np-239
-98.92 To 9999. %



9

Incident Energy (eV)

93-Np-239

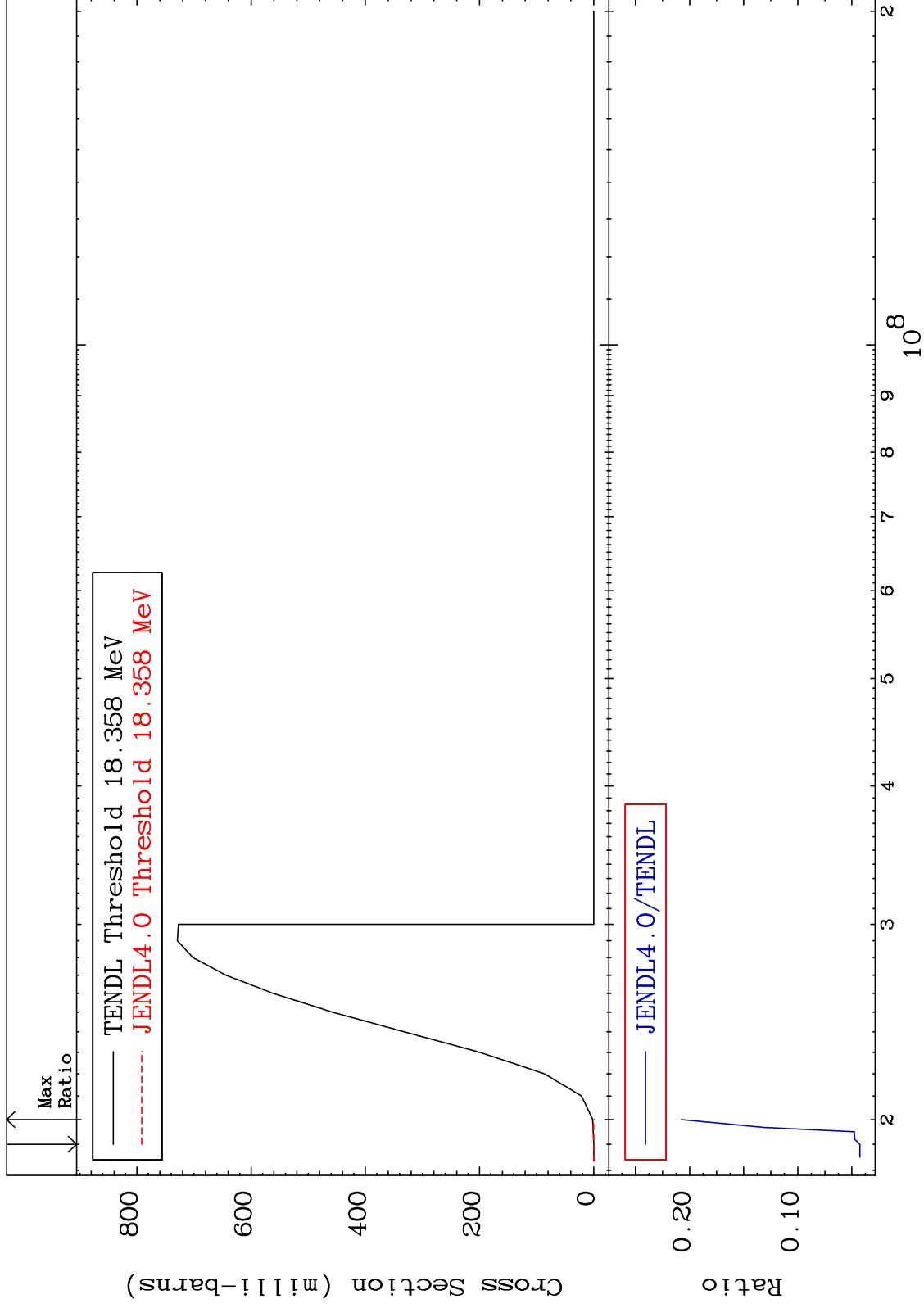
MAT 9352

(n, 4n)

93-Np-239

Cross Section

-95.74 To -79.23%



10

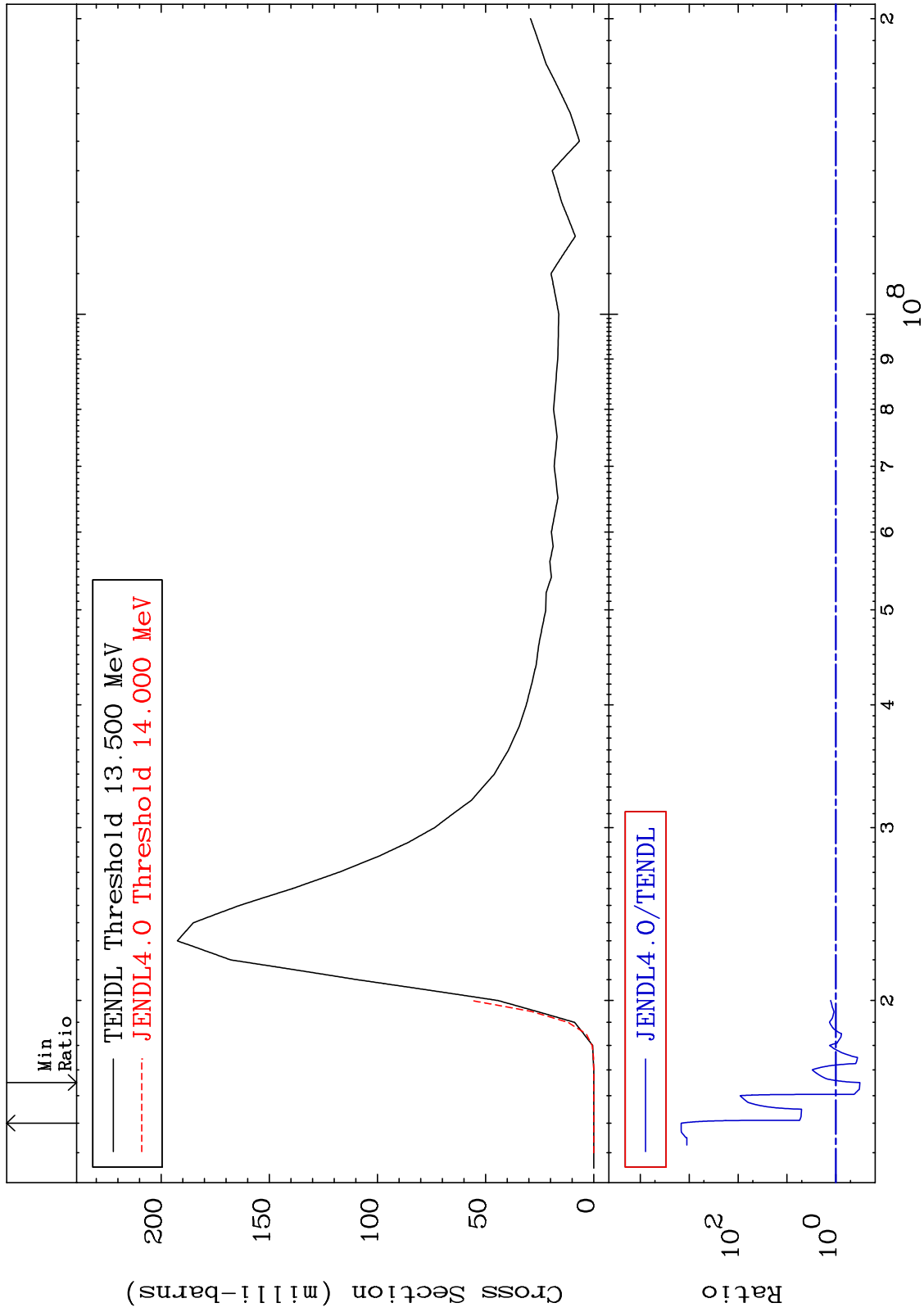
Incident Energy (eV)

93-Np-239

MAT 9352

(n,3nf) Fourth Chance
Cross Section

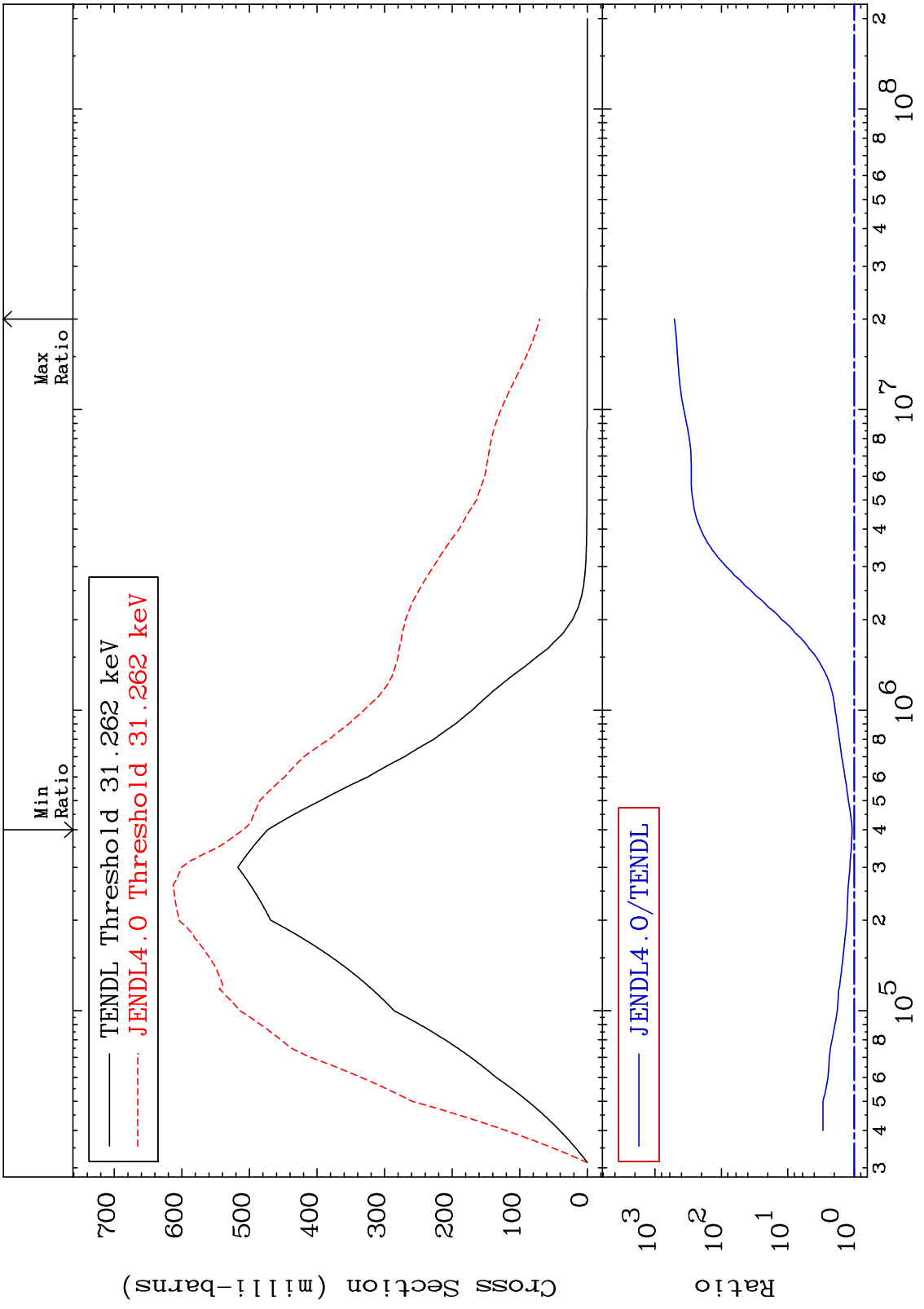
93-Np-239
-67.83 To 9999. %



MAT 9352

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

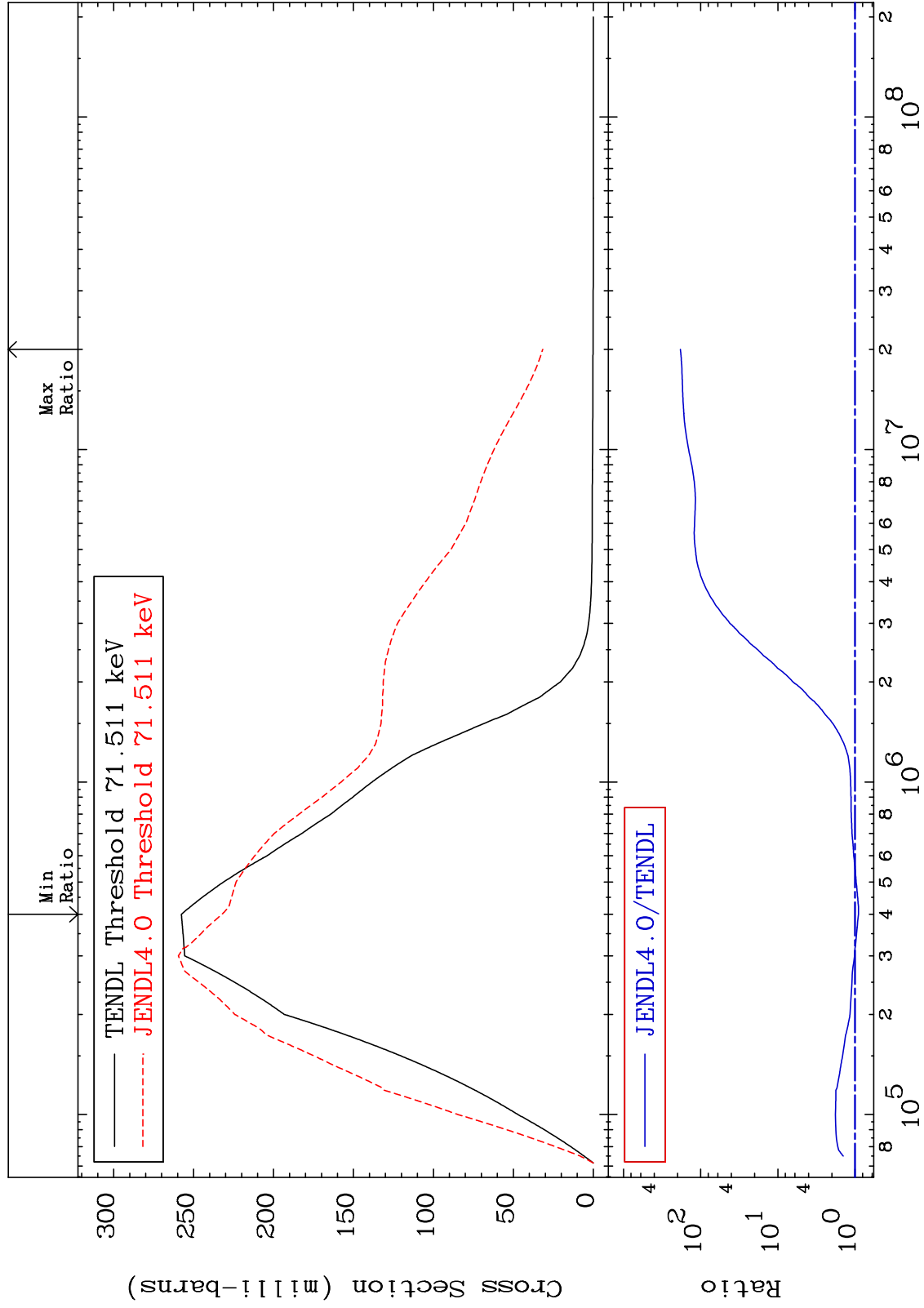
93-Np-239
7.589 To 9999. %



MAT 9352

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

93-Np-239
-9.900 To 9999. %



13

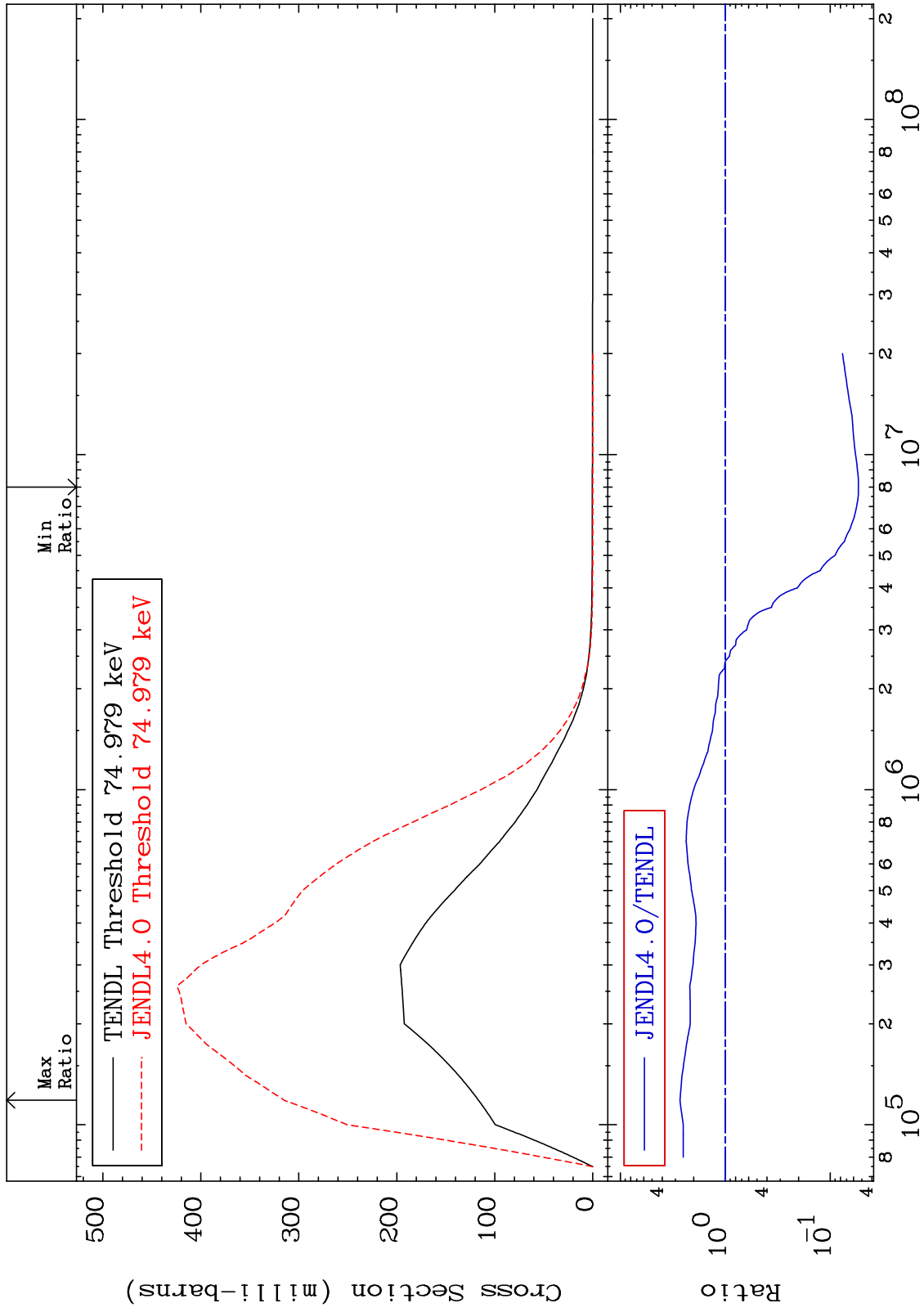
Incident Energy (eV)

93-Np-239

MAT 9352

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

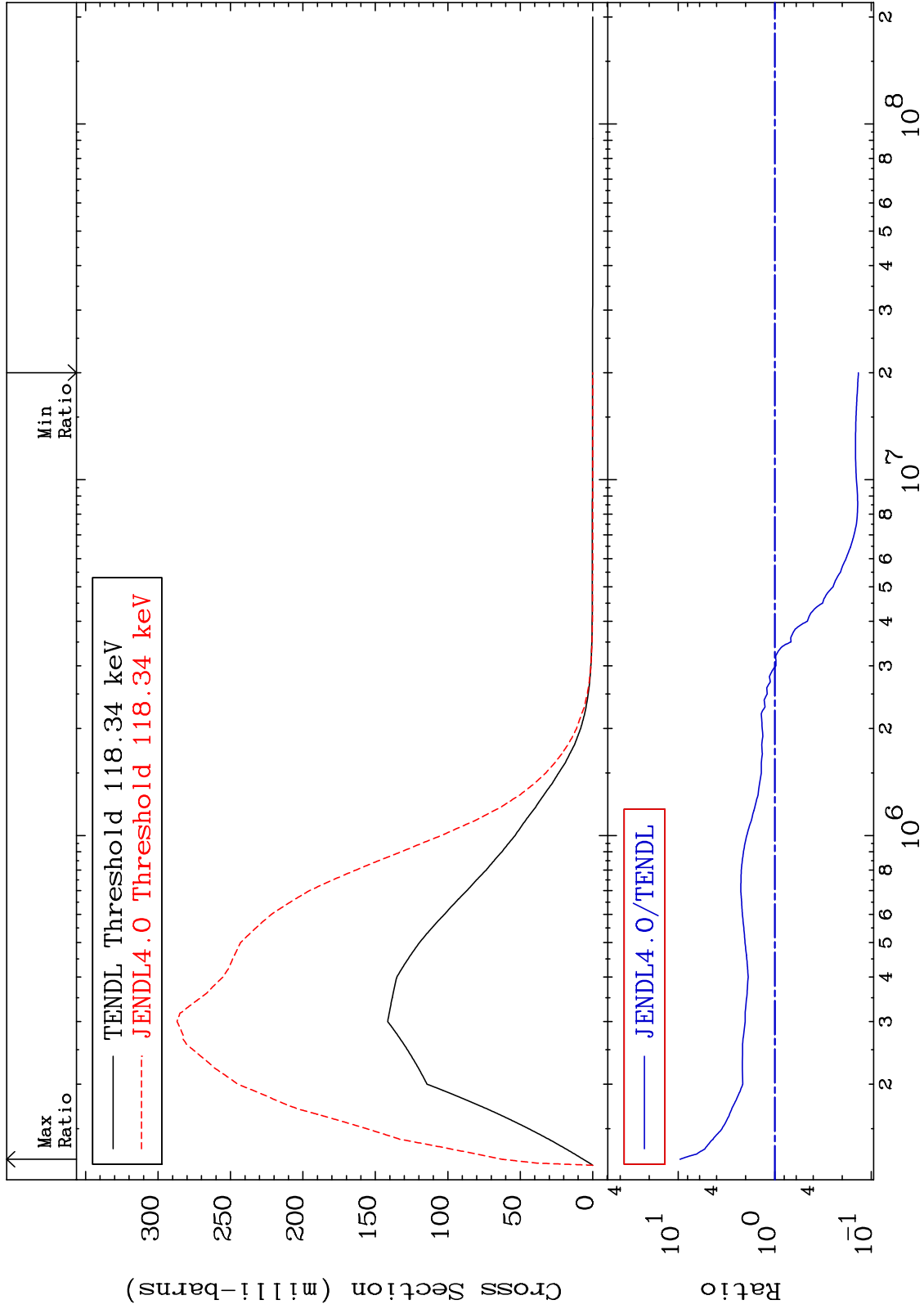
93-Np-239
-94.61 To 170.4 %



MAT 9352

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

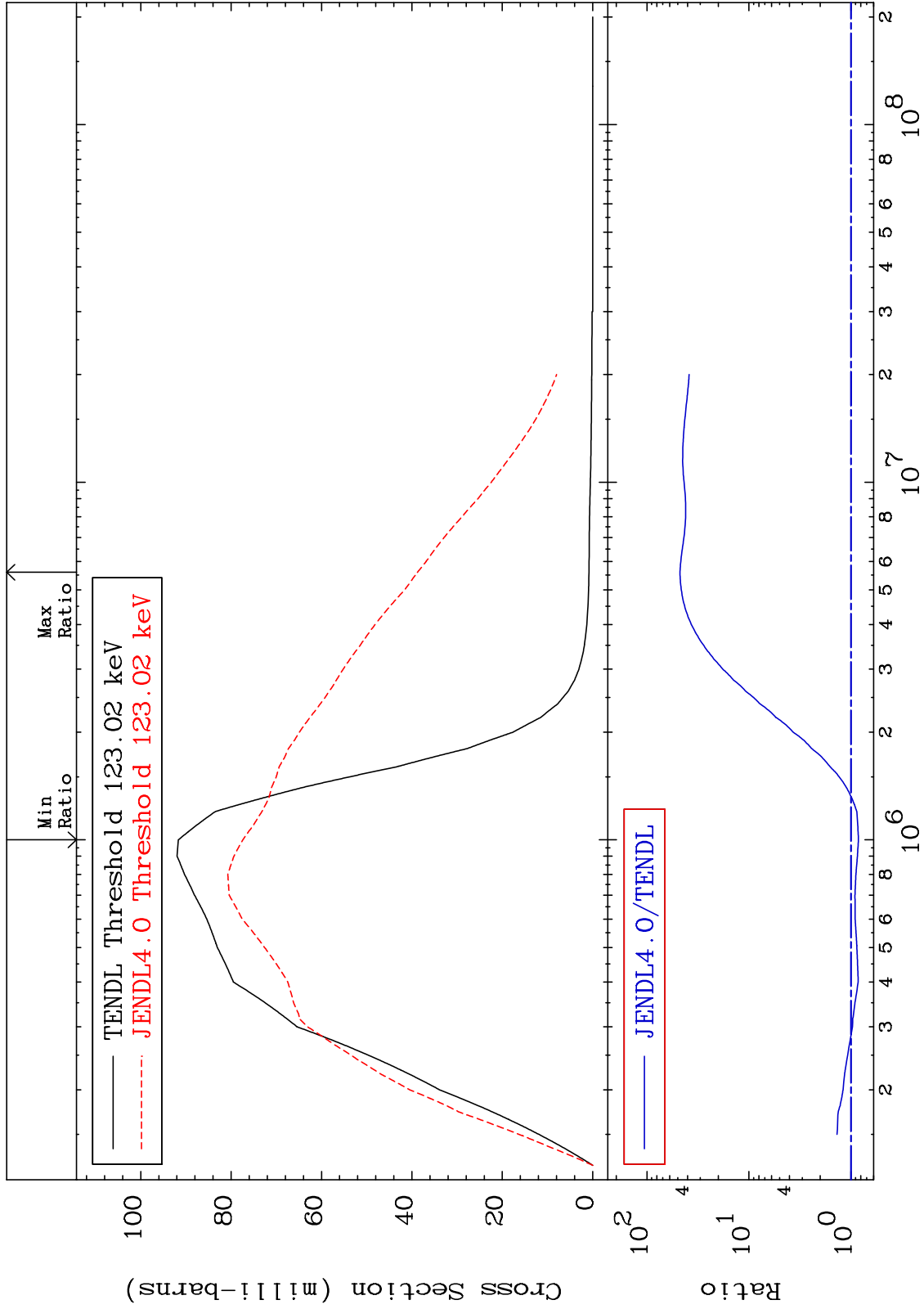
93-Np-239
-86.41 To 858.2 %



MAT 9352

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

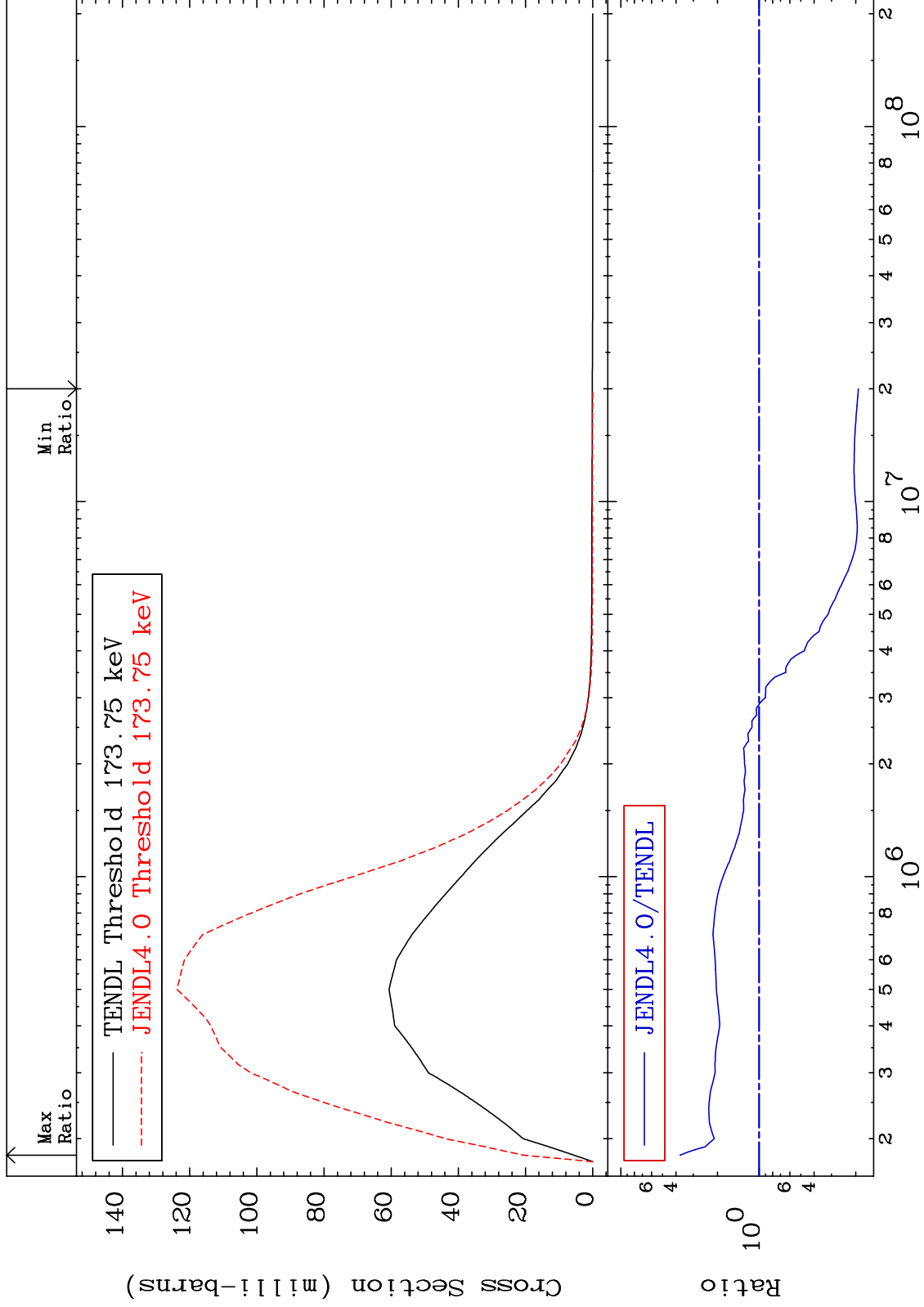
93-Np-239
-15.55 To 4642. %



MAT 9352

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

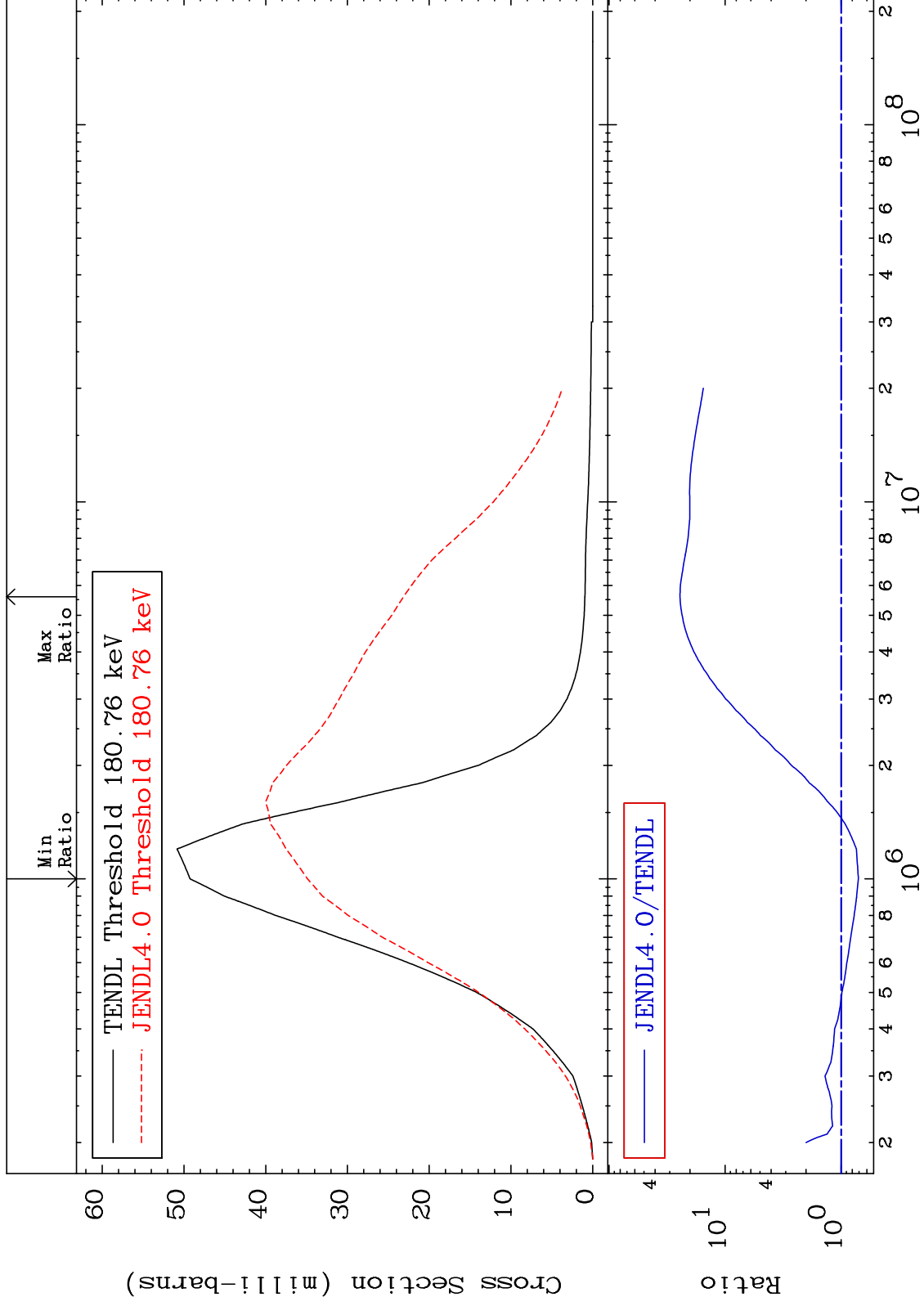
93-Np-239
-80.86 To 273.8 %



MAT 9352

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

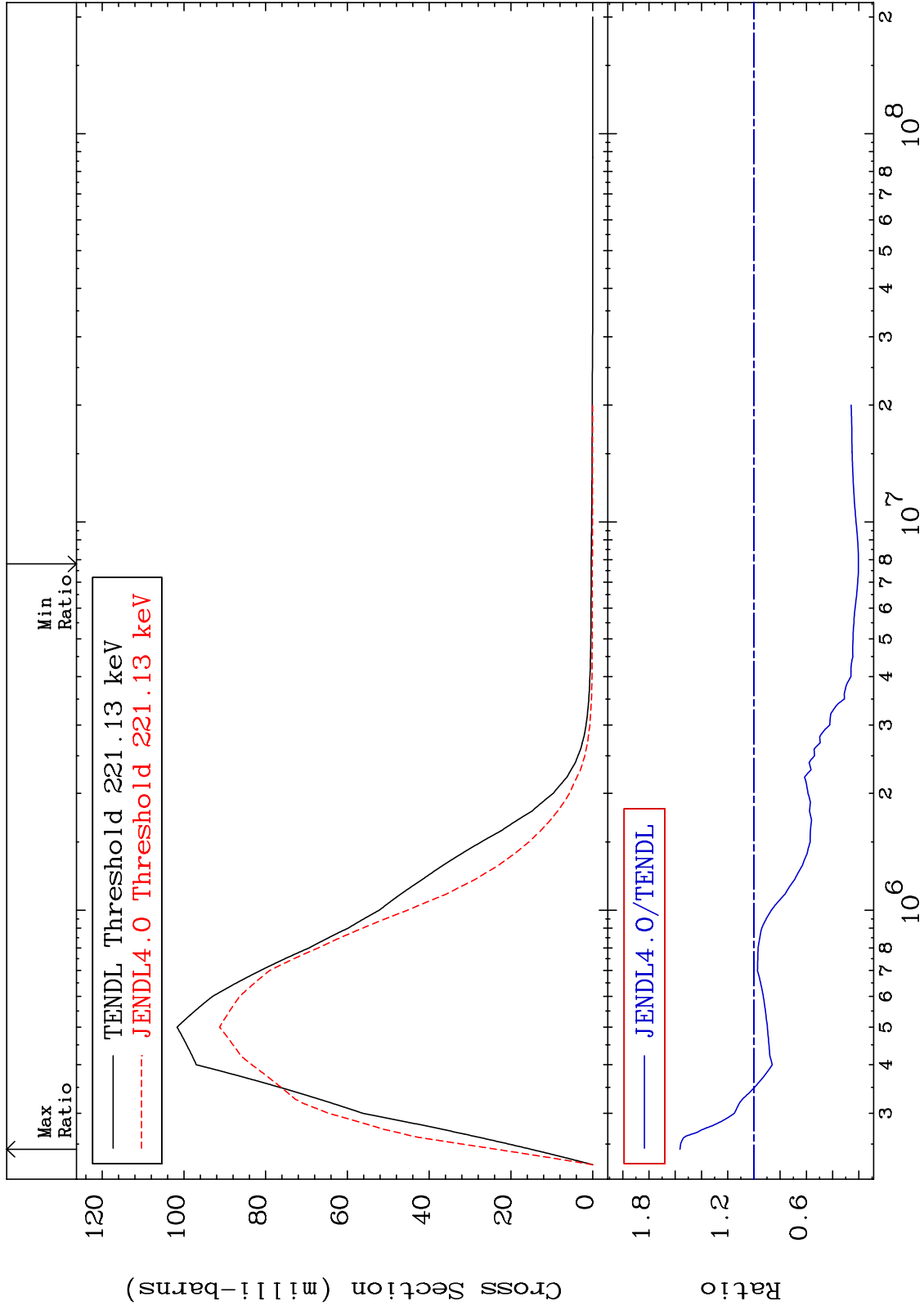
93-Np-239
-29.15 To 2342. %



MAT 9352

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

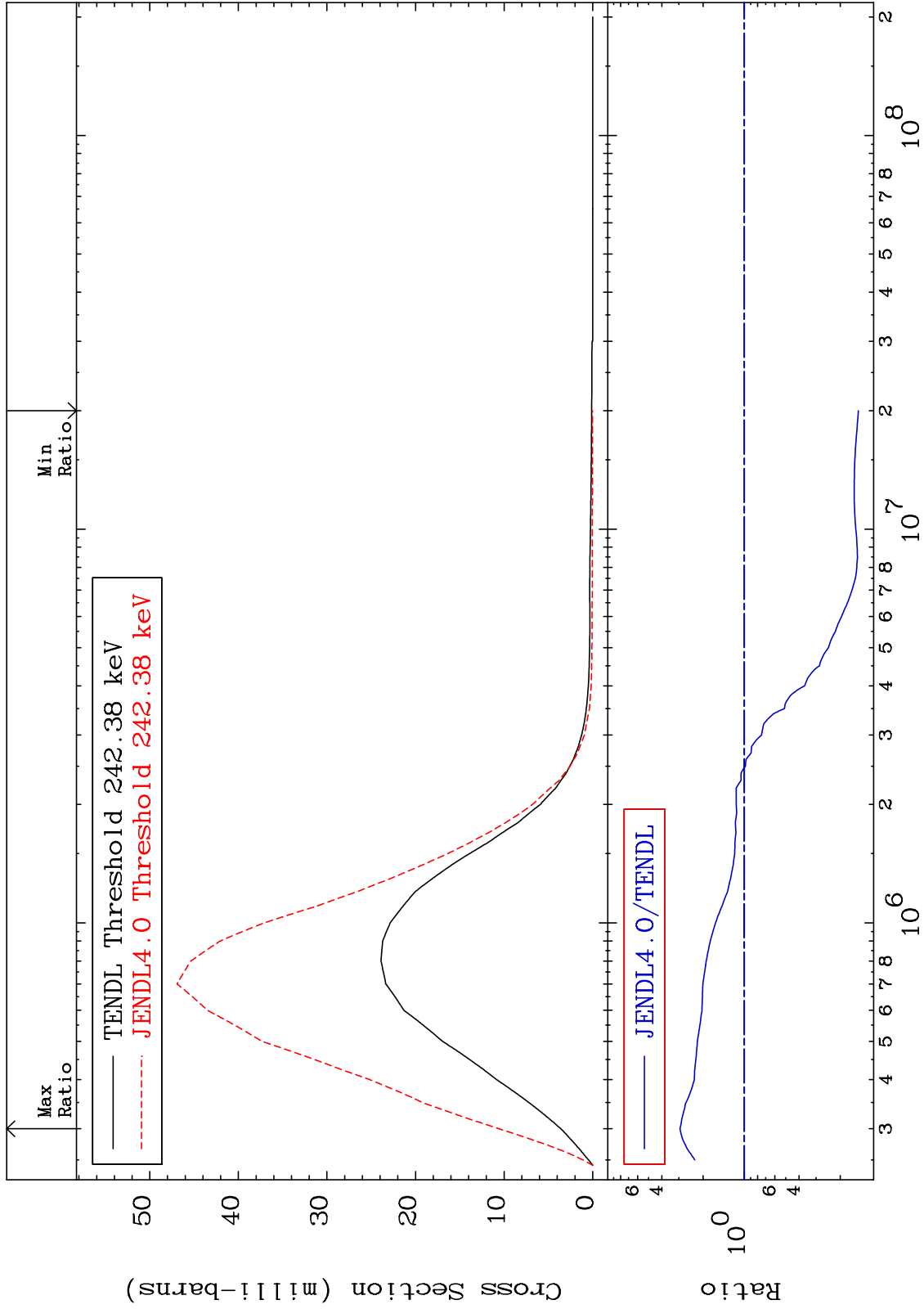
93-Np-239
-79.64 To 56.33 %



MAT 9352

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

93-Np-239
-85.27 To 194.7 %



20

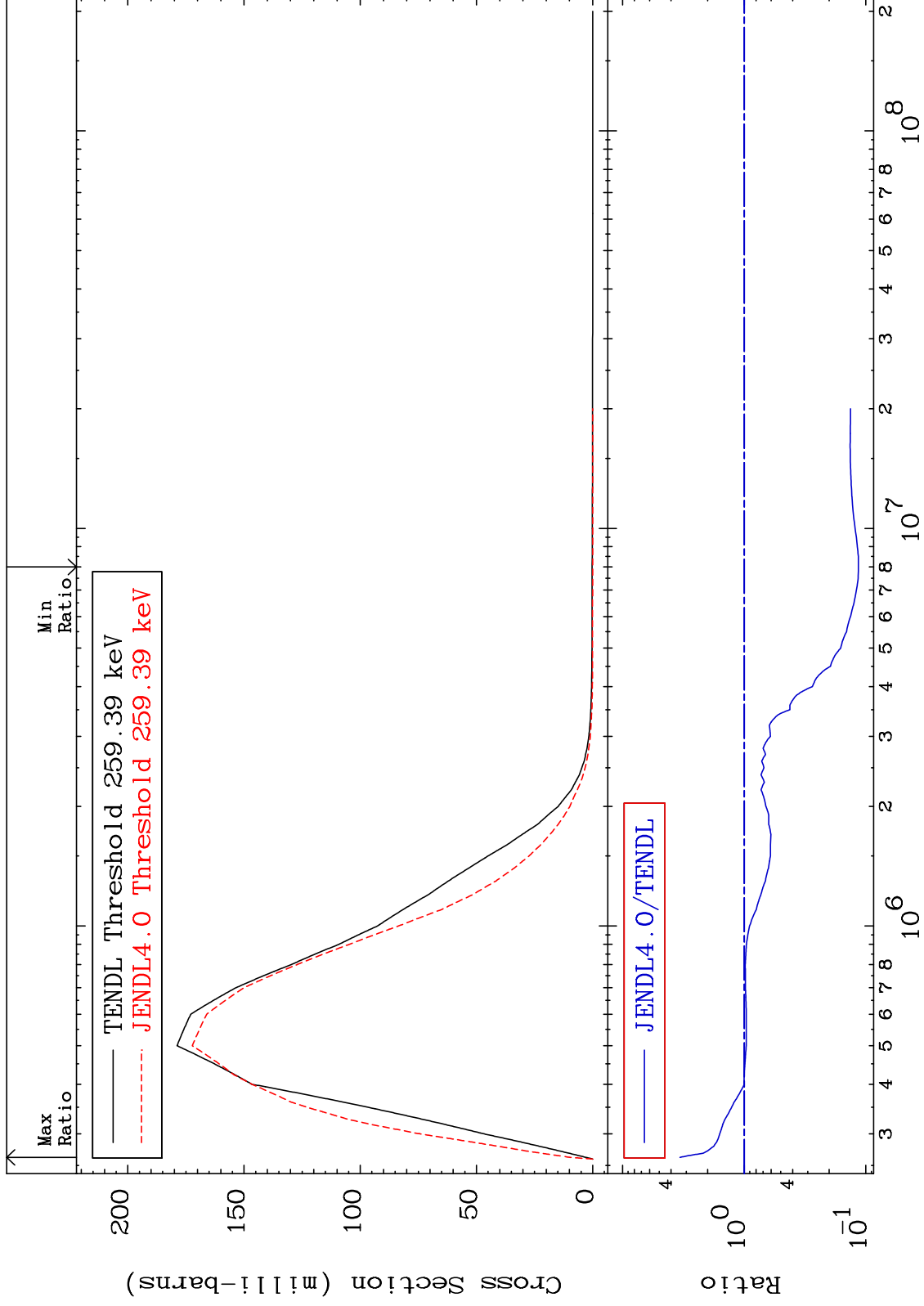
Incident Energy (eV)

93-Np-239

MAT 9352

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

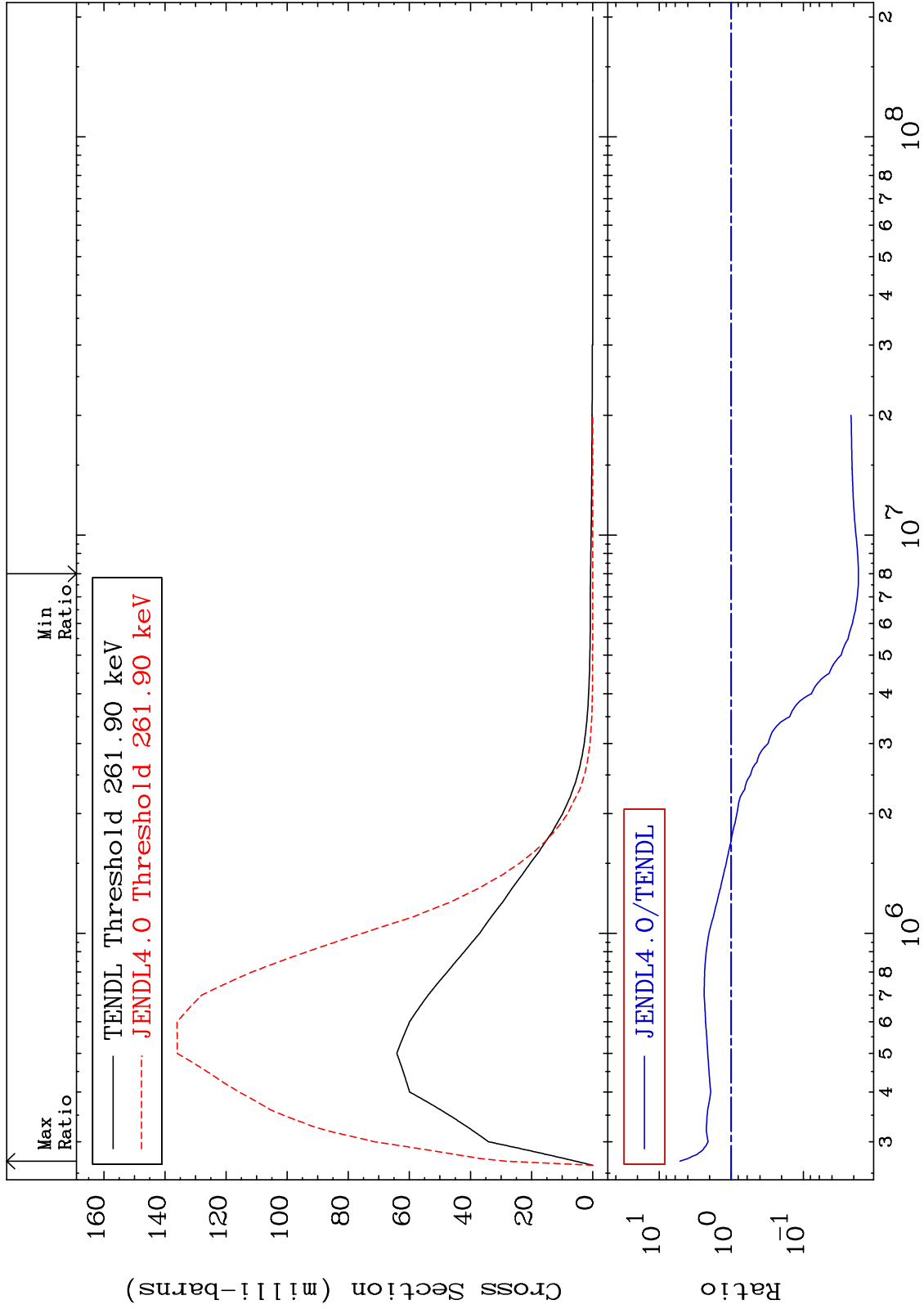
93-Np-239
-88.49 To 237.0 %



MAT 9352

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

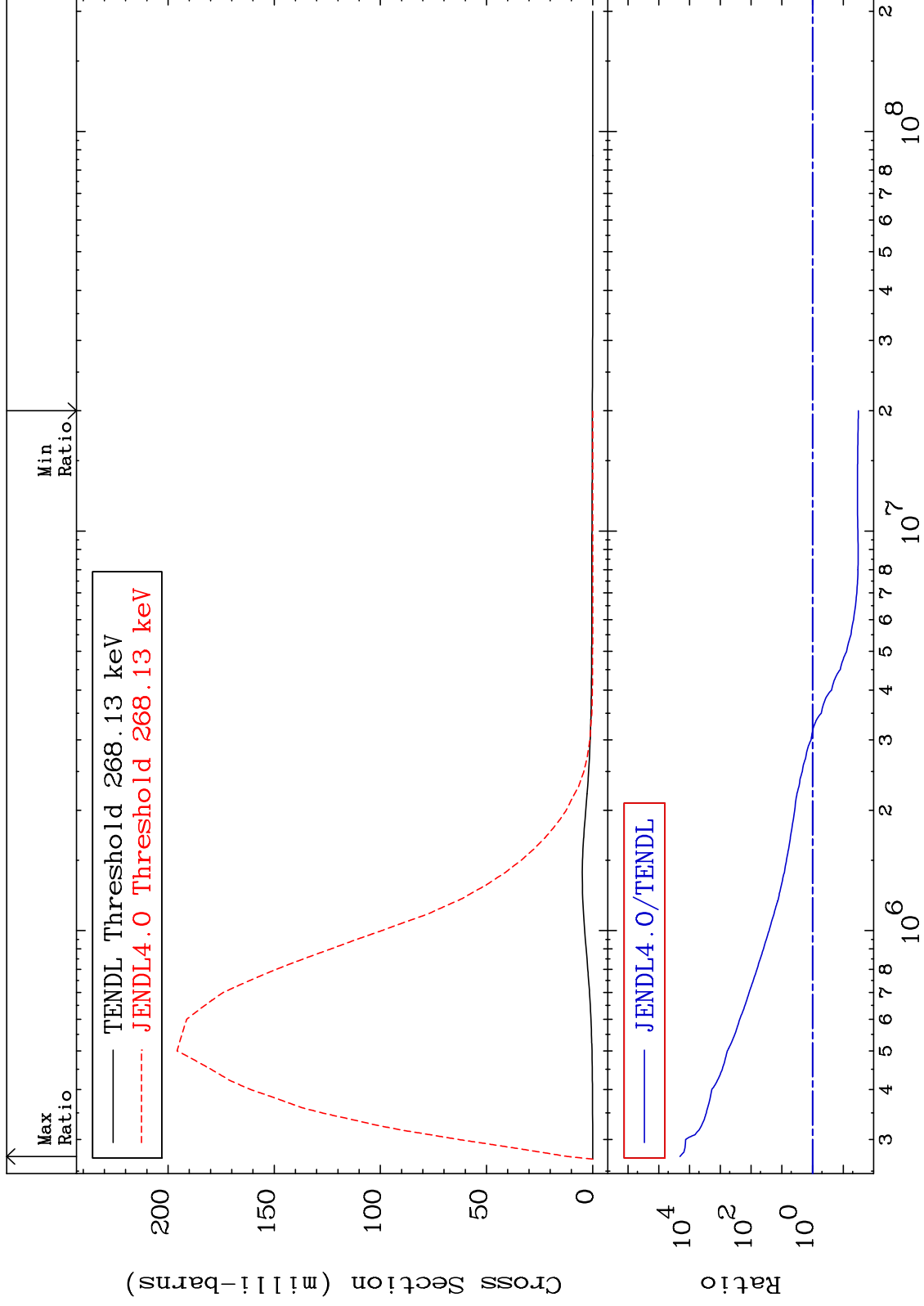
93-Np-239
-98.28 To 413.7 %



MAT 9352

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

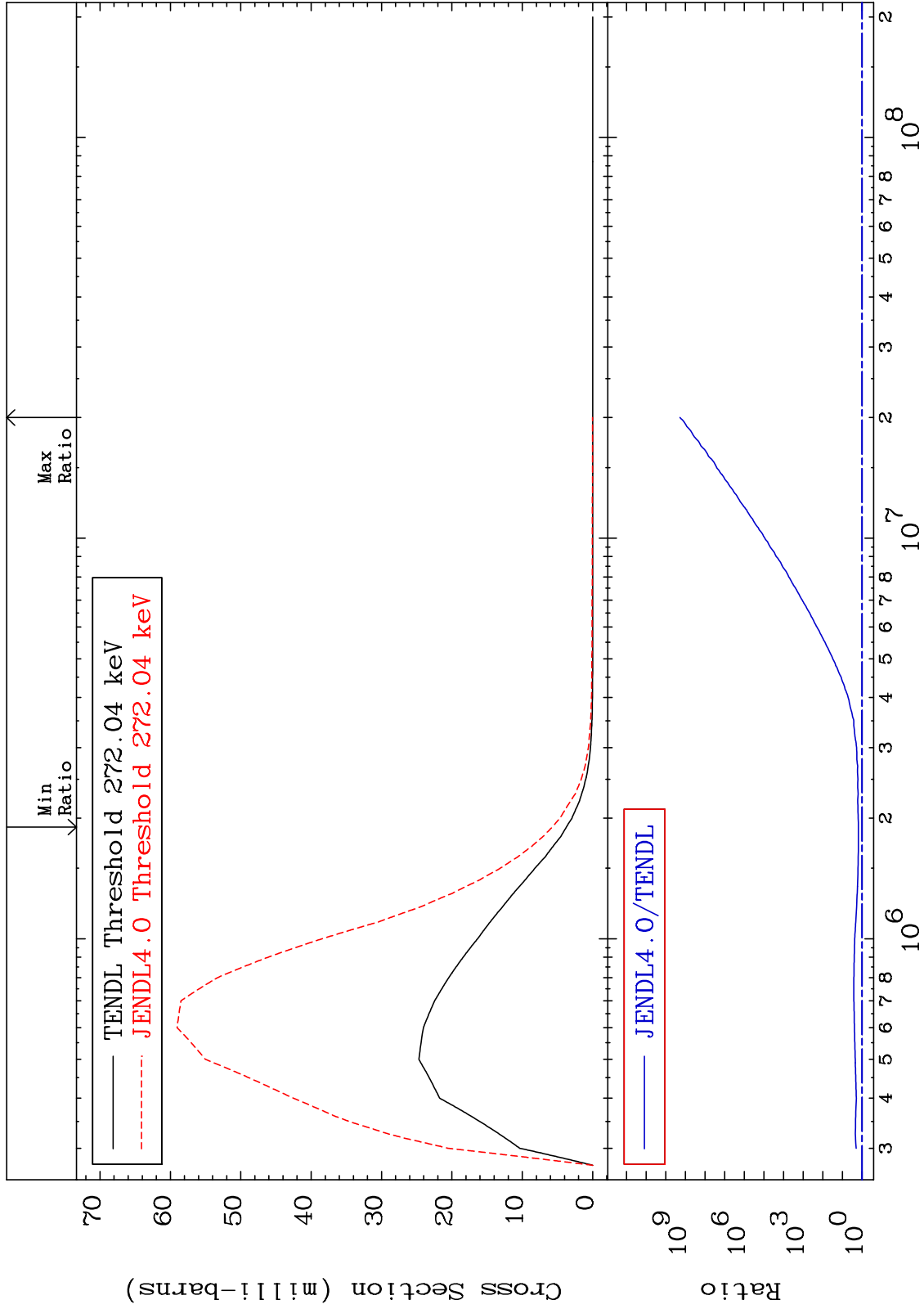
93-Np-239
-96.77 To 9999. %



MAT 9352

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

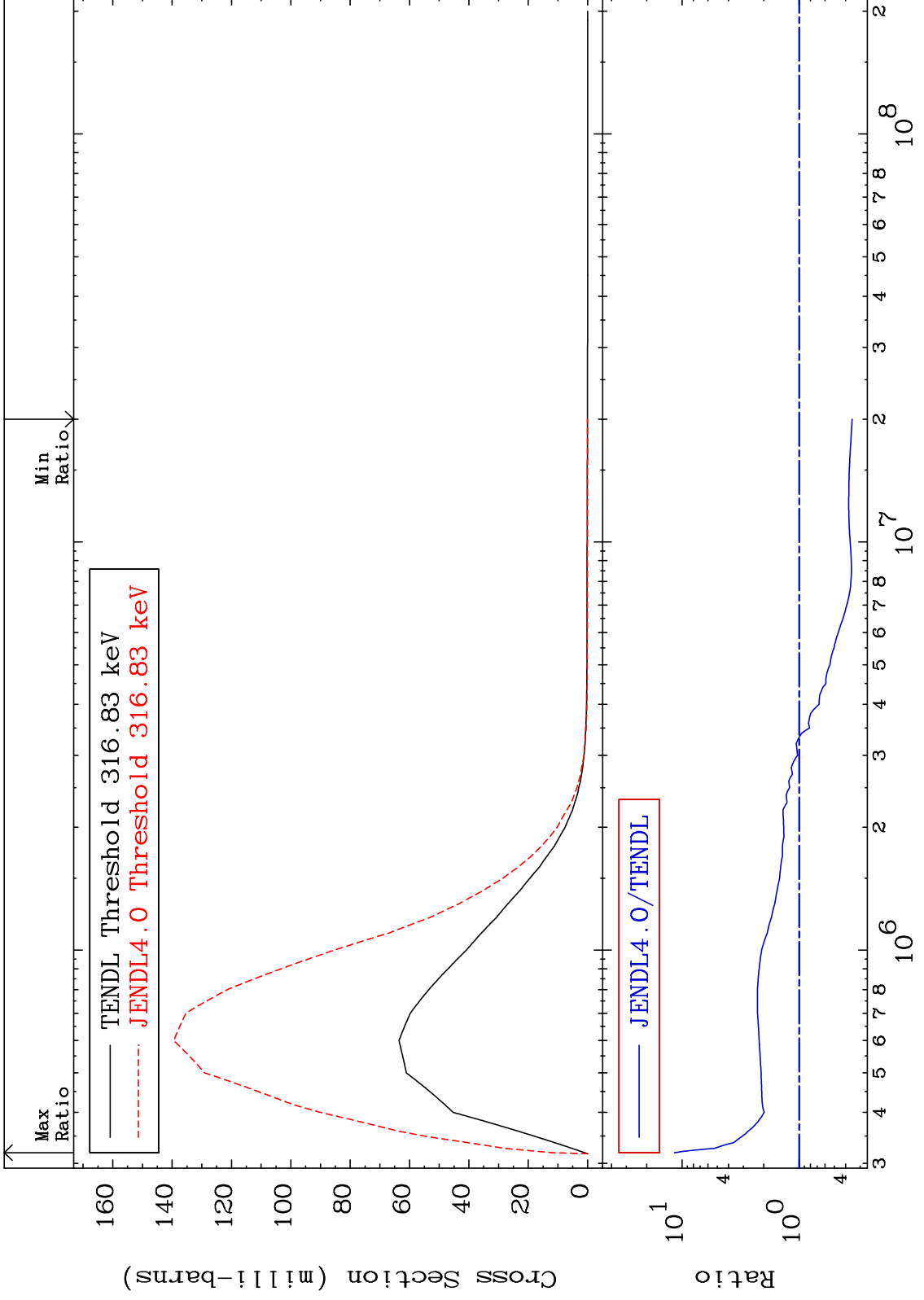
93-Np-239
53.22 To 9999. %



MAT 9352

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

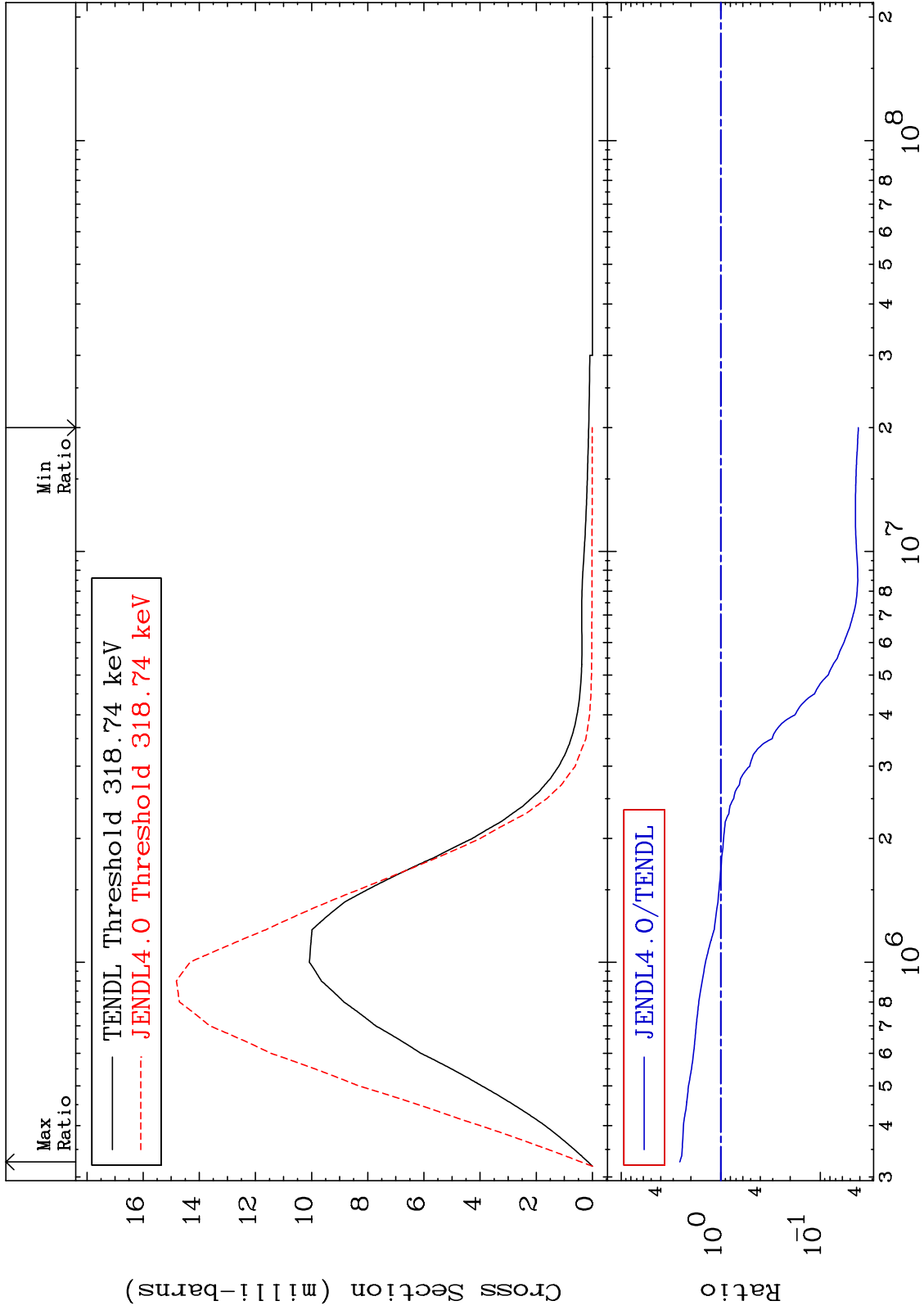
93-Np-239
-64.82 To 1058. %



MAT 9352

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

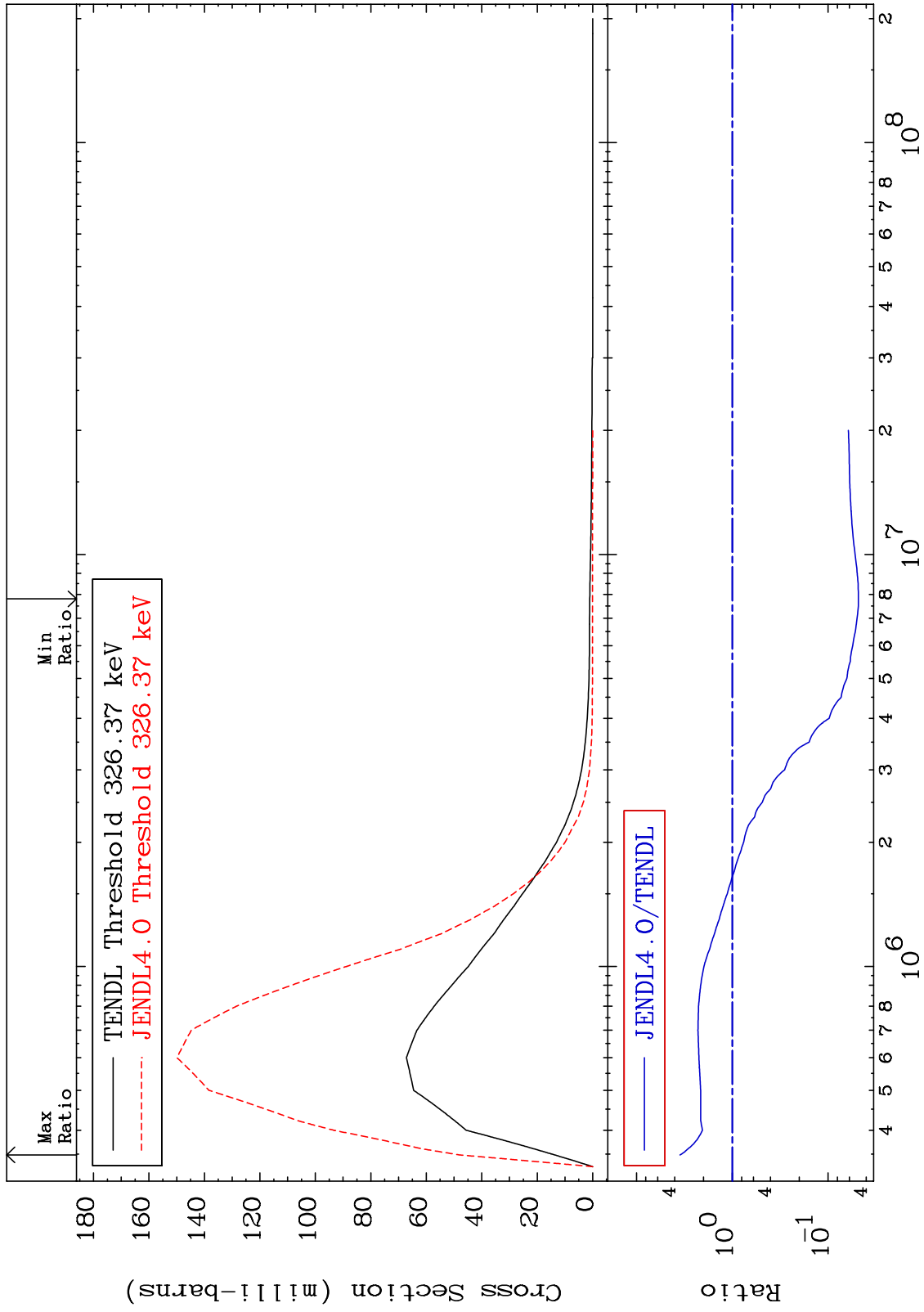
93-Np-239
-95.86 To 157.8 %



MAT 9352

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

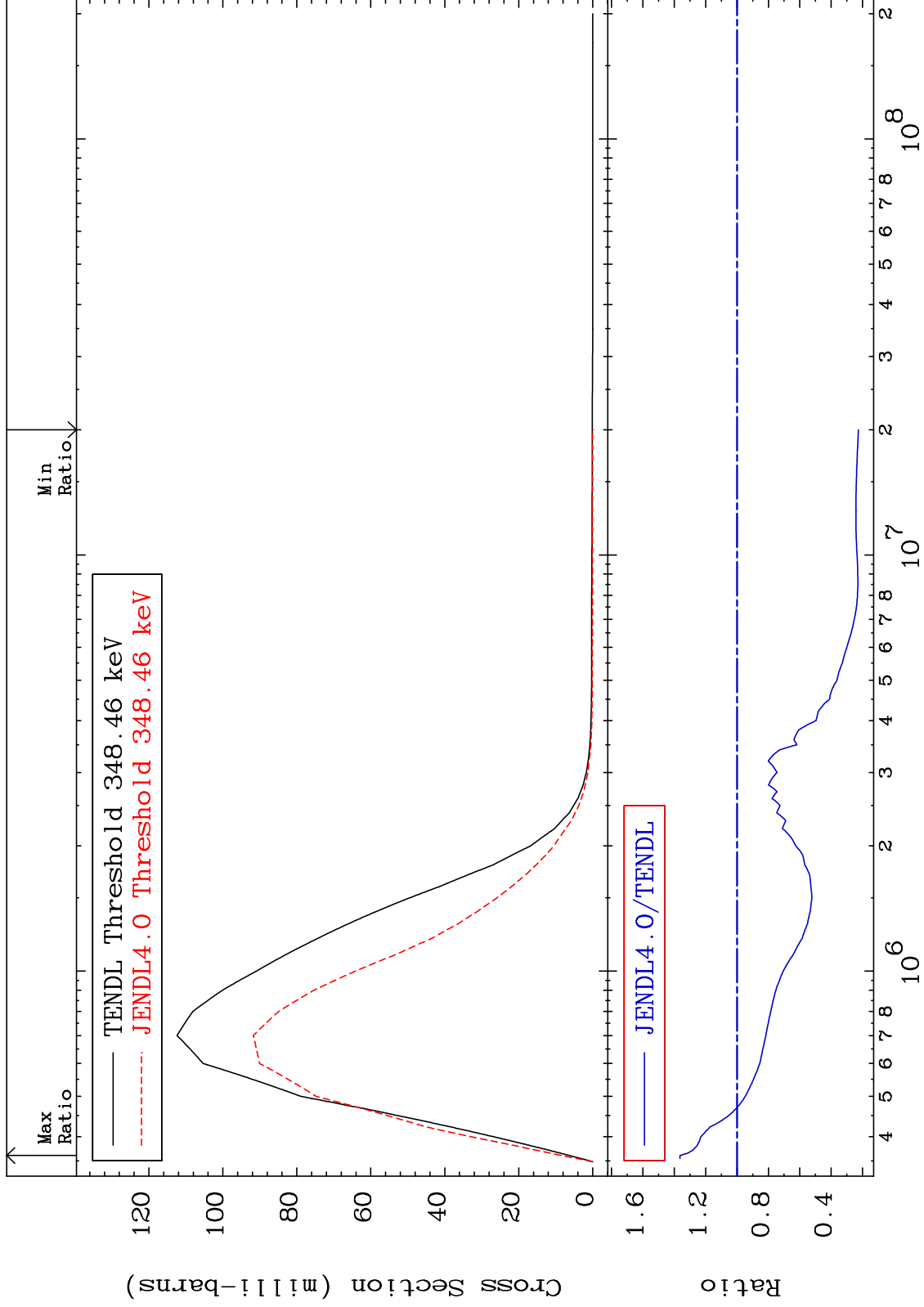
93-Np-239
-95.17 To 251.2 %



MAT 9352

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

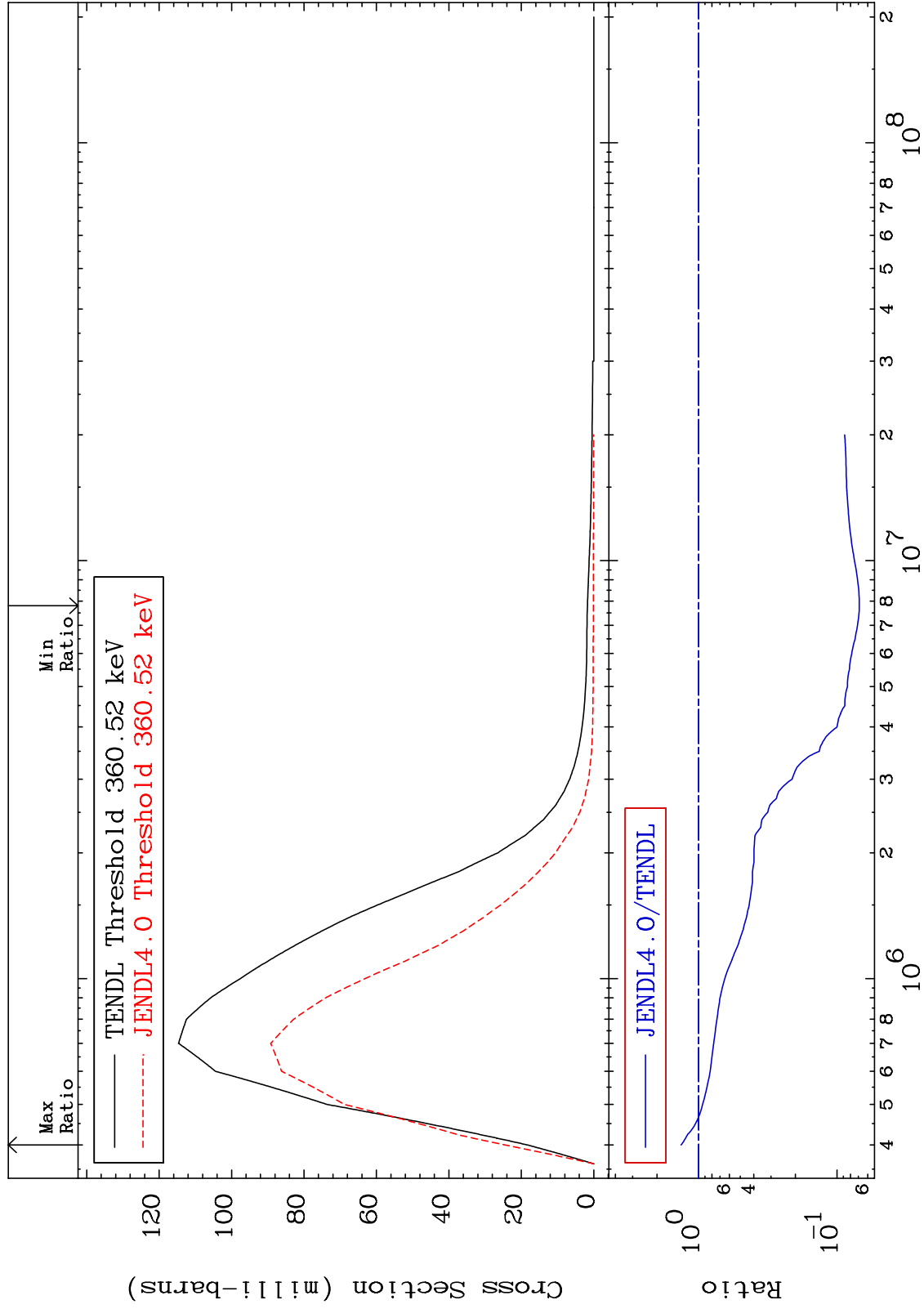
93-Np-239
-77.37 To 36.32 %



MAT 9352

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

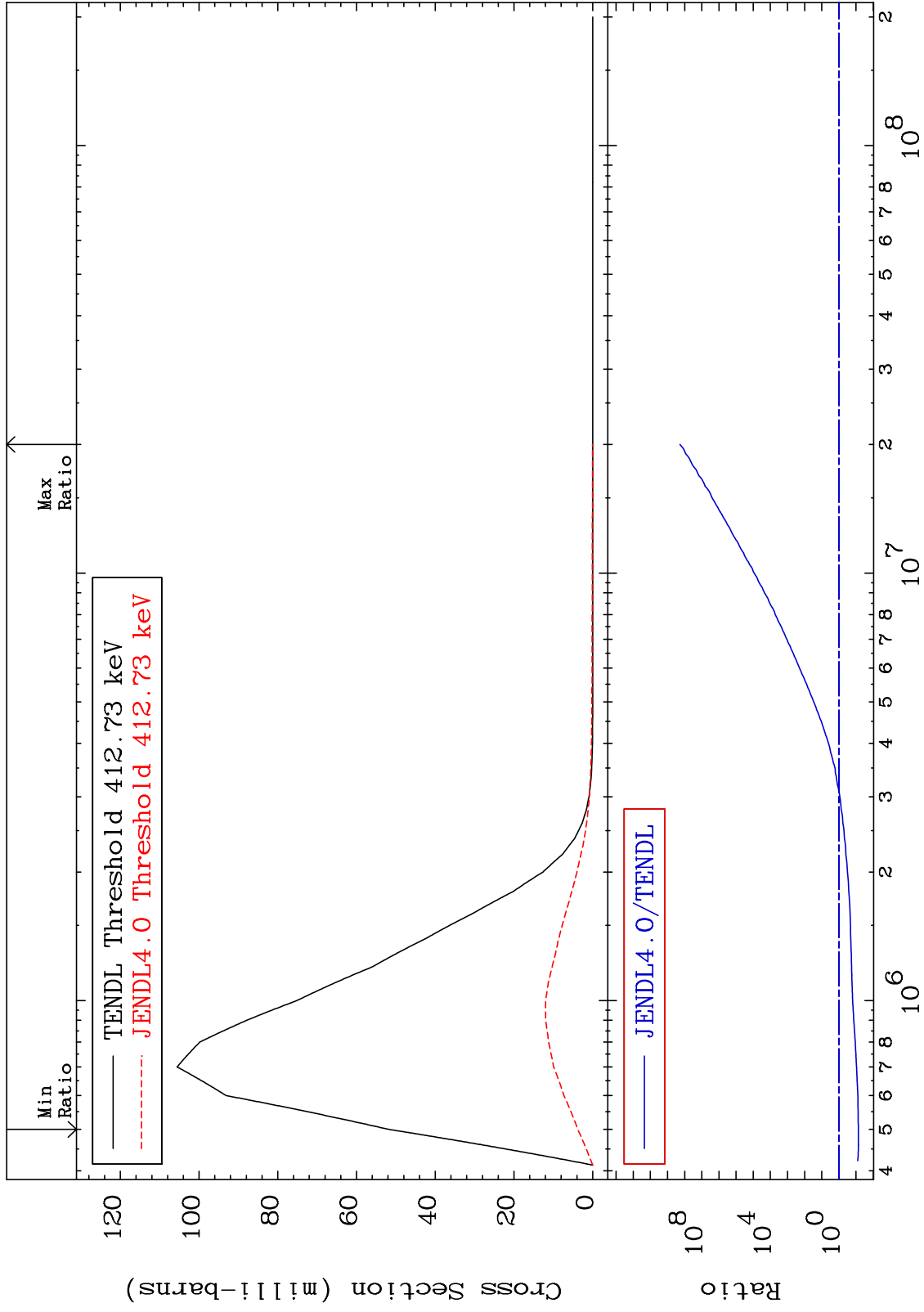
93-Np-239
-93.10 To 33.93 %



MAT 9352

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

93-Np-239
-92.71 To 9999. %



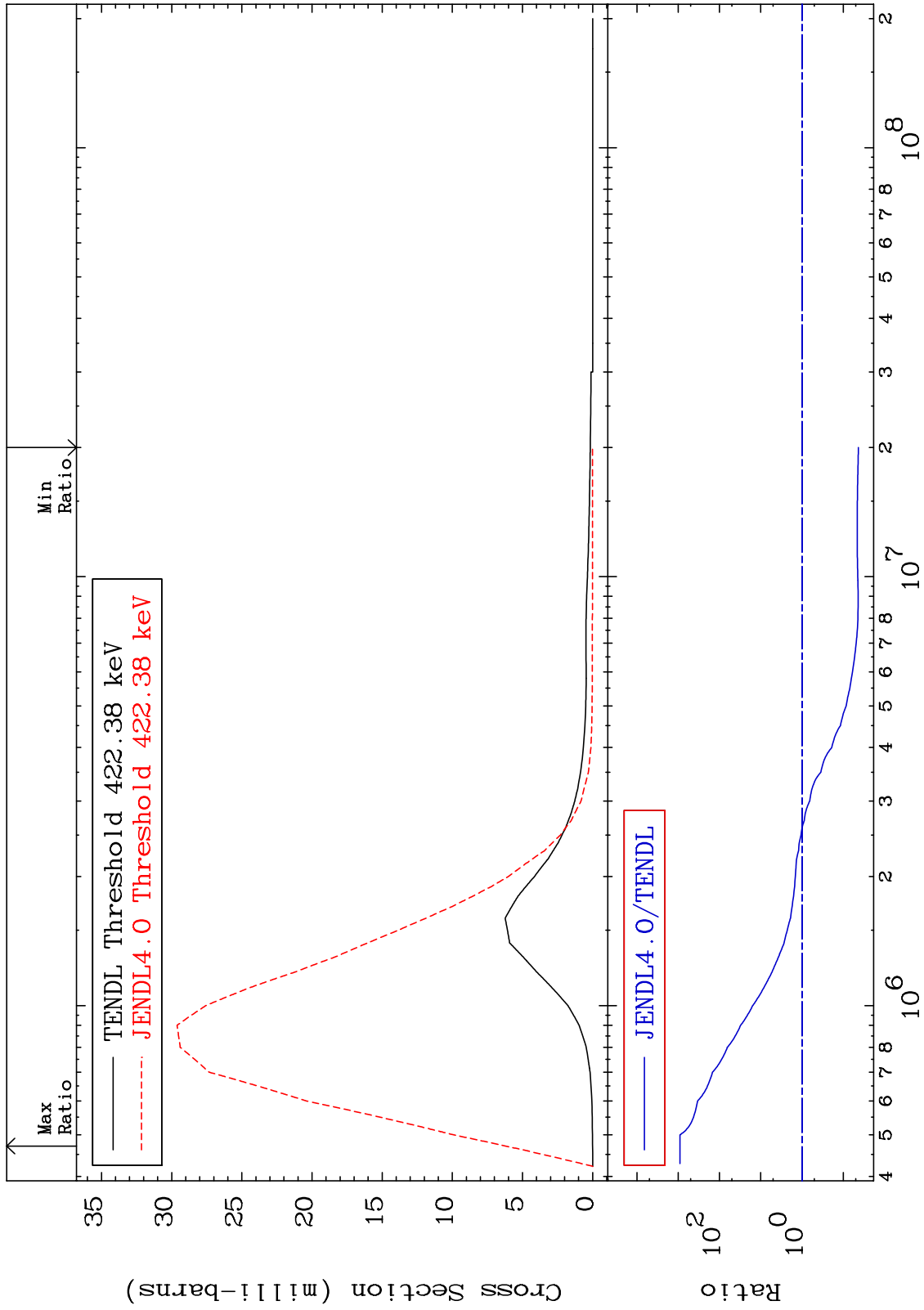
30

93-Np-239

MAT 9352

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

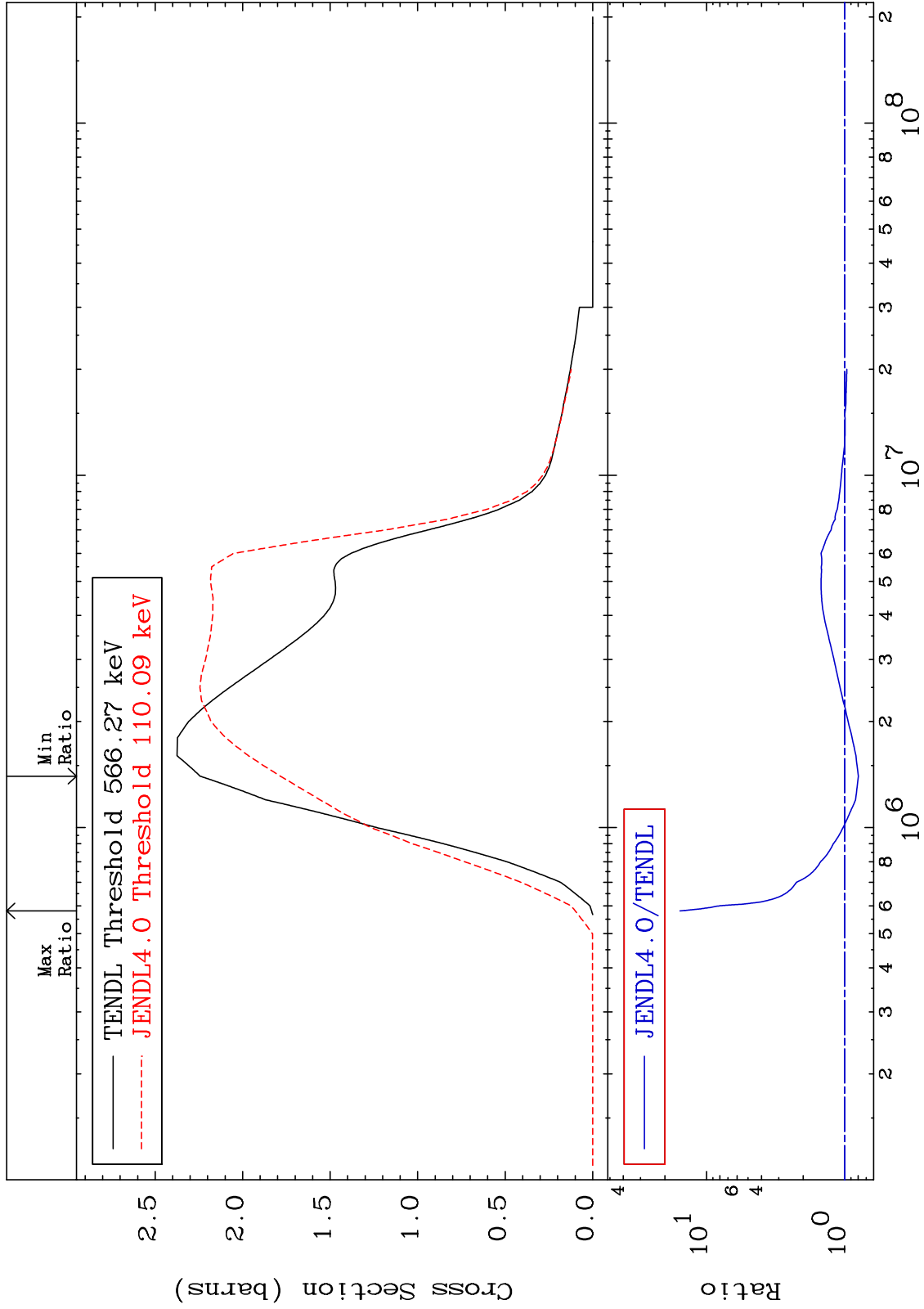
93-Np-239
-95.71 To 9999. %



MAT 9352

(n,n') Continuum
Cross Section

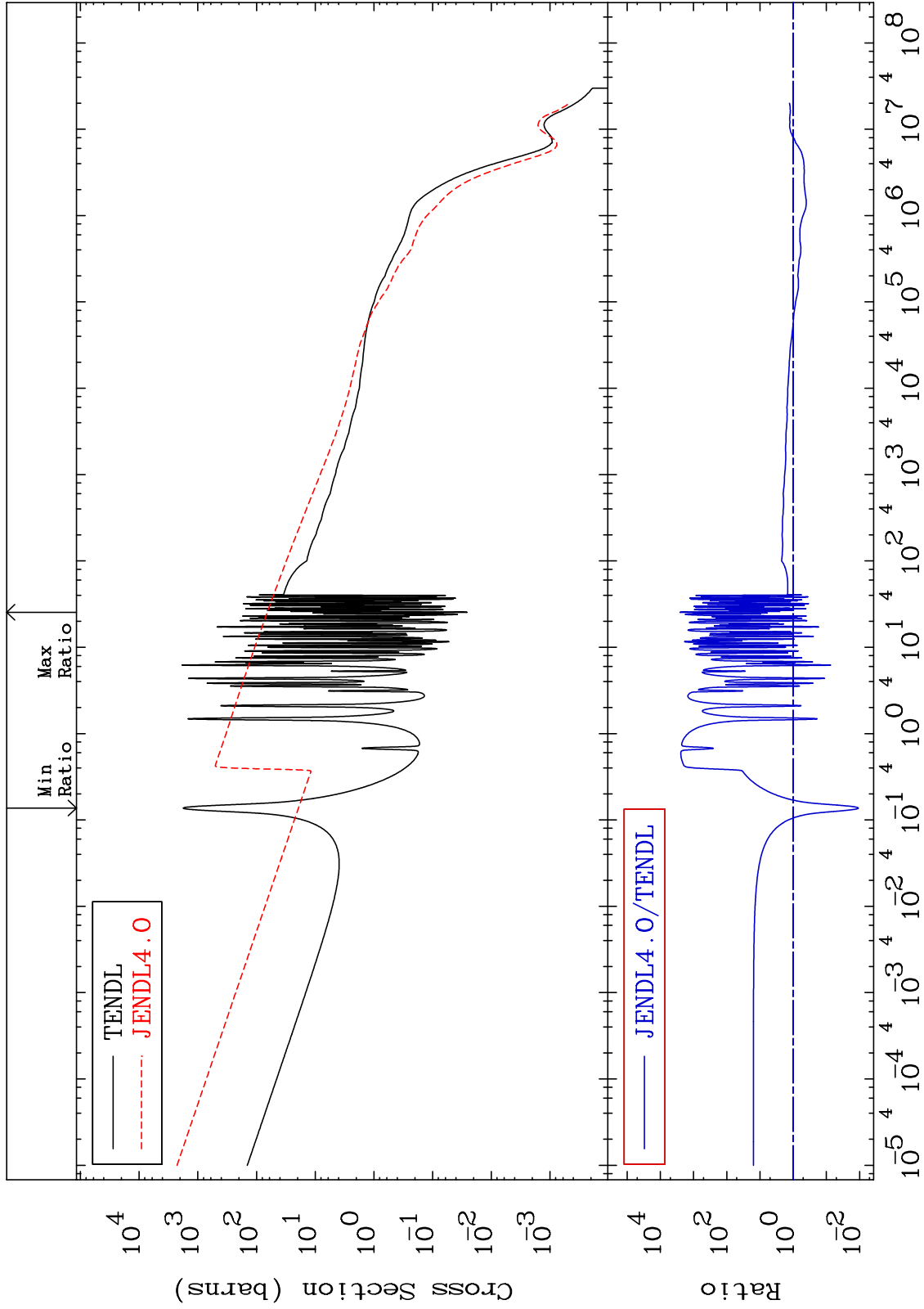
93-Np-239
-20.40 To 1454. %



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(n, γ)
Cross Section

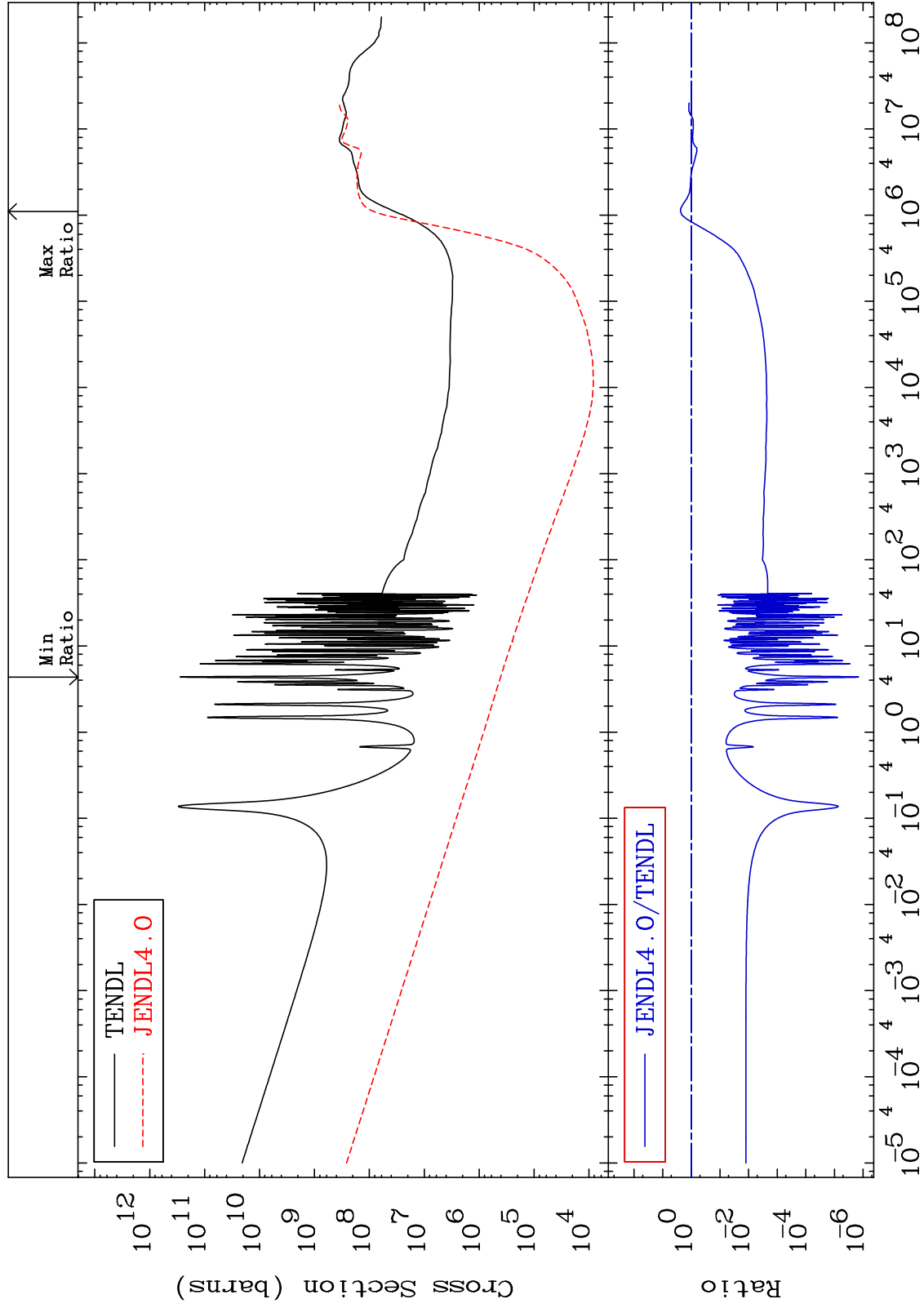
93-Np-239
-98.92 To 9999. %



MAT 9352

Kerma total (eV-barns)
Cross Section

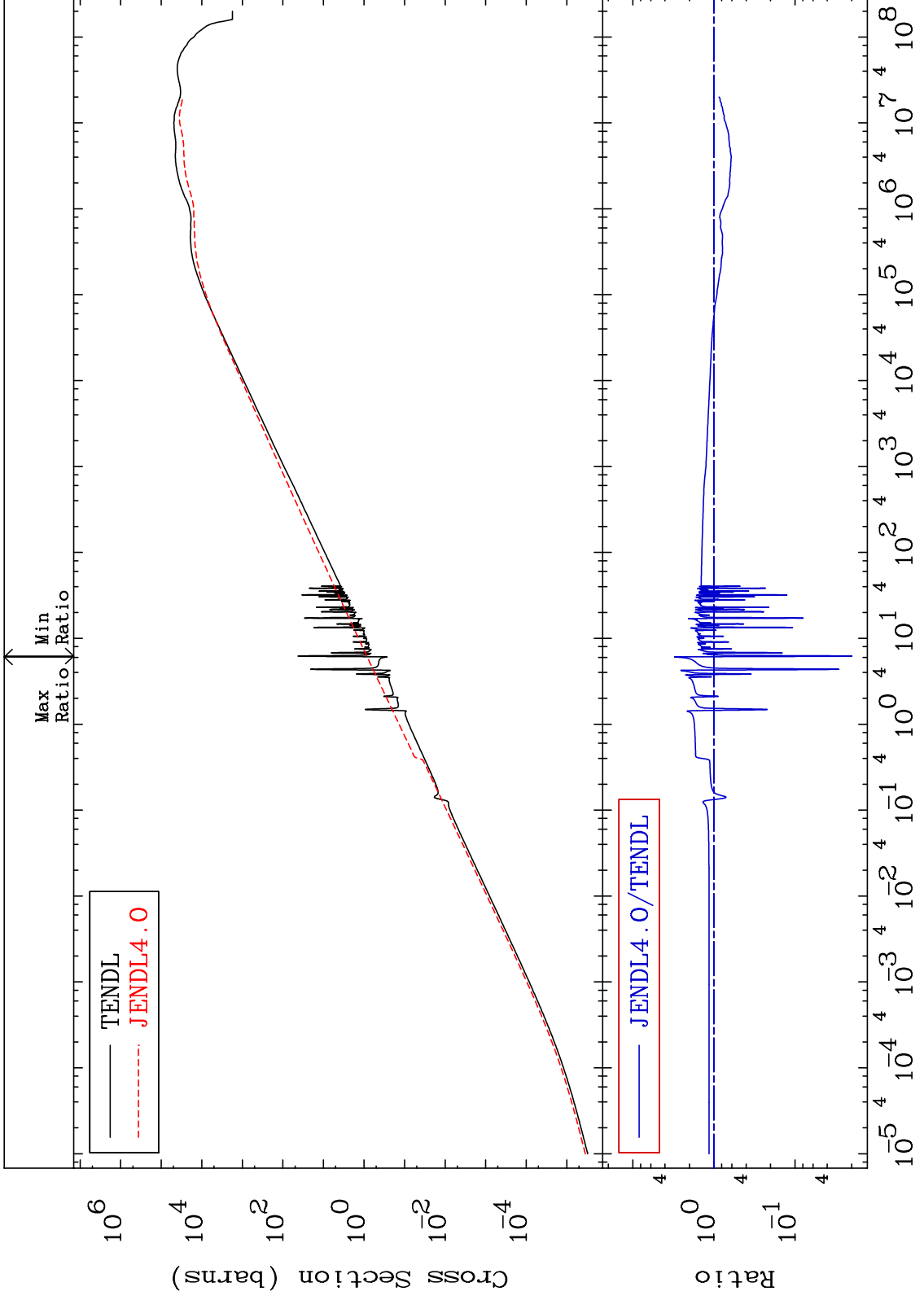
93-Np-239
-100.0 To 140.1 %



MAT 9352

Kerma elastic
Cross Section

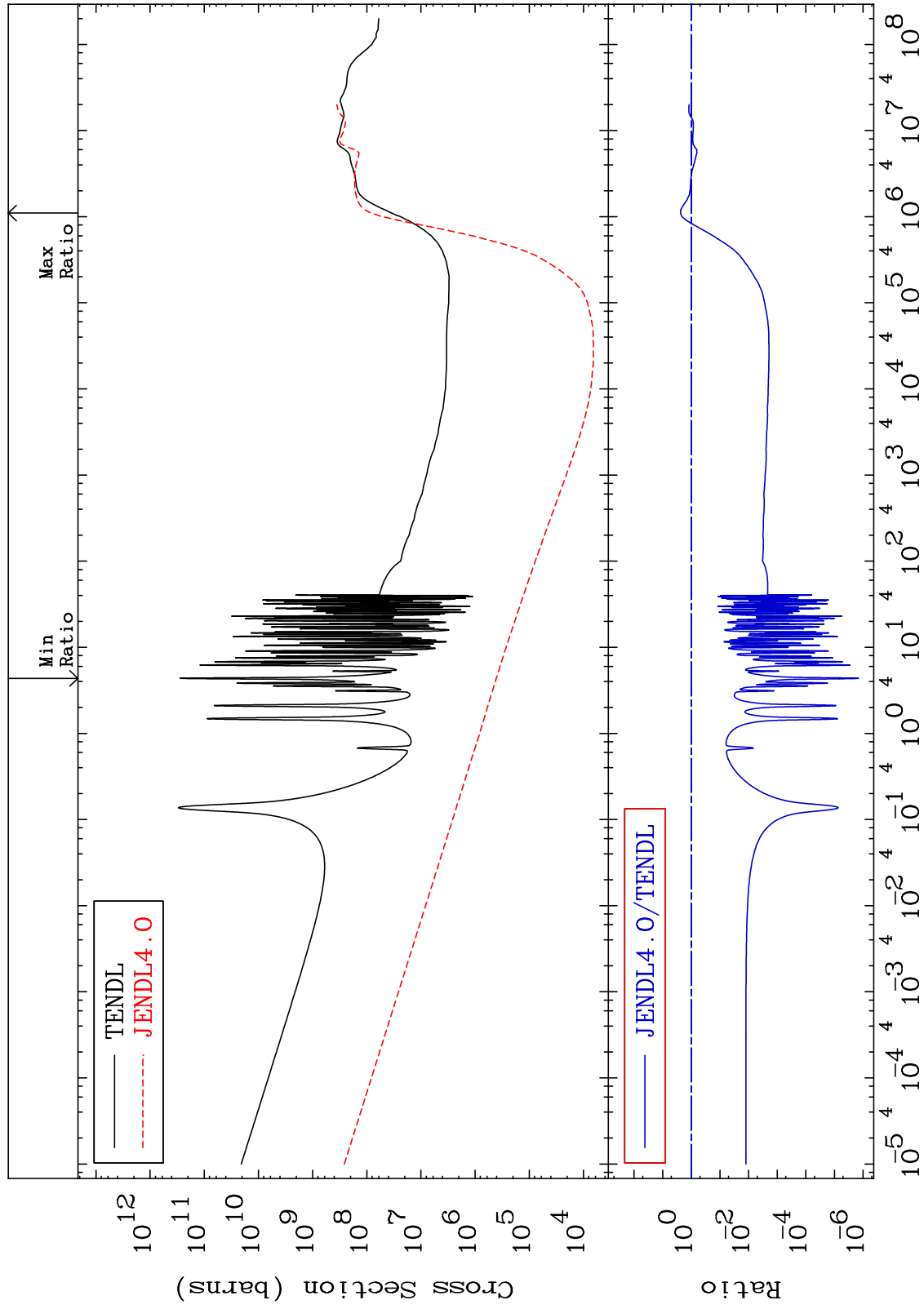
93-Np-239
-98.03 To 205.1 %

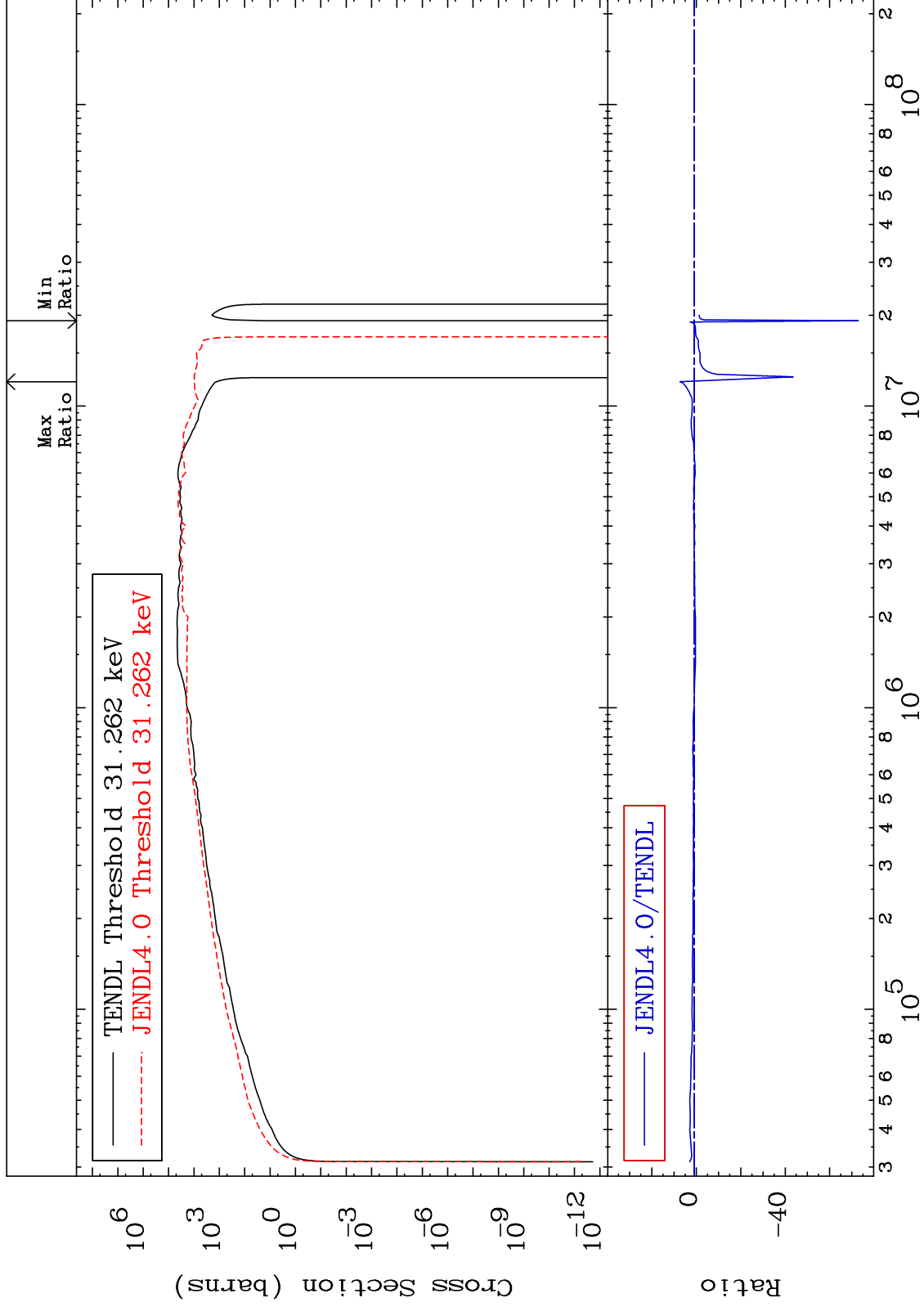


MAT 9352

Kerma non-elastic (all but mt2)
Cross Section

93-Np-239
-100.0 To 140.2 %

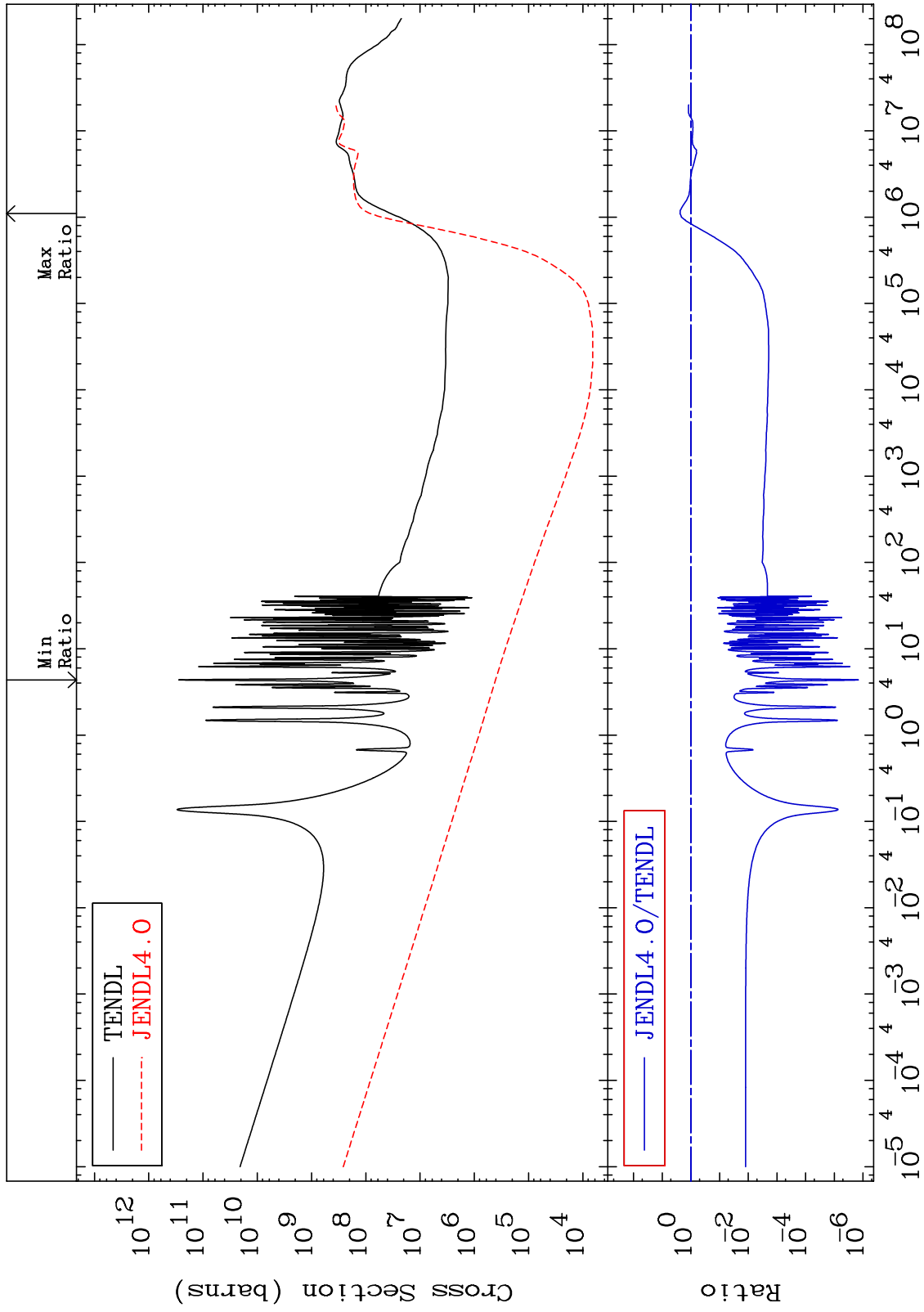




MAT 9352

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

93-Np-239
-100.0 To 140.3 %



38

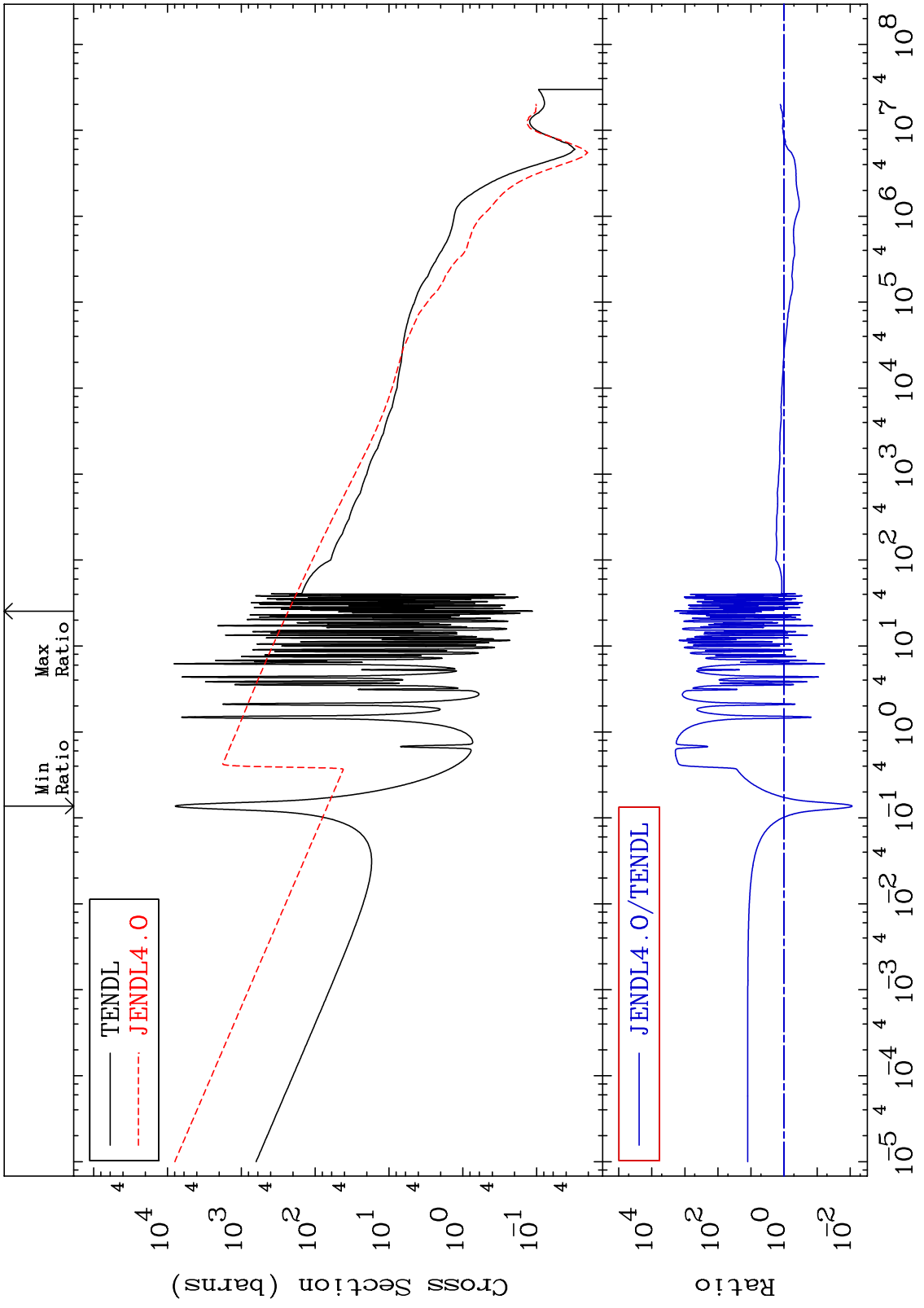
Incident Energy (eV)

93-Np-239

MAT 9352

Kerma capture (mt102)
Cross Section

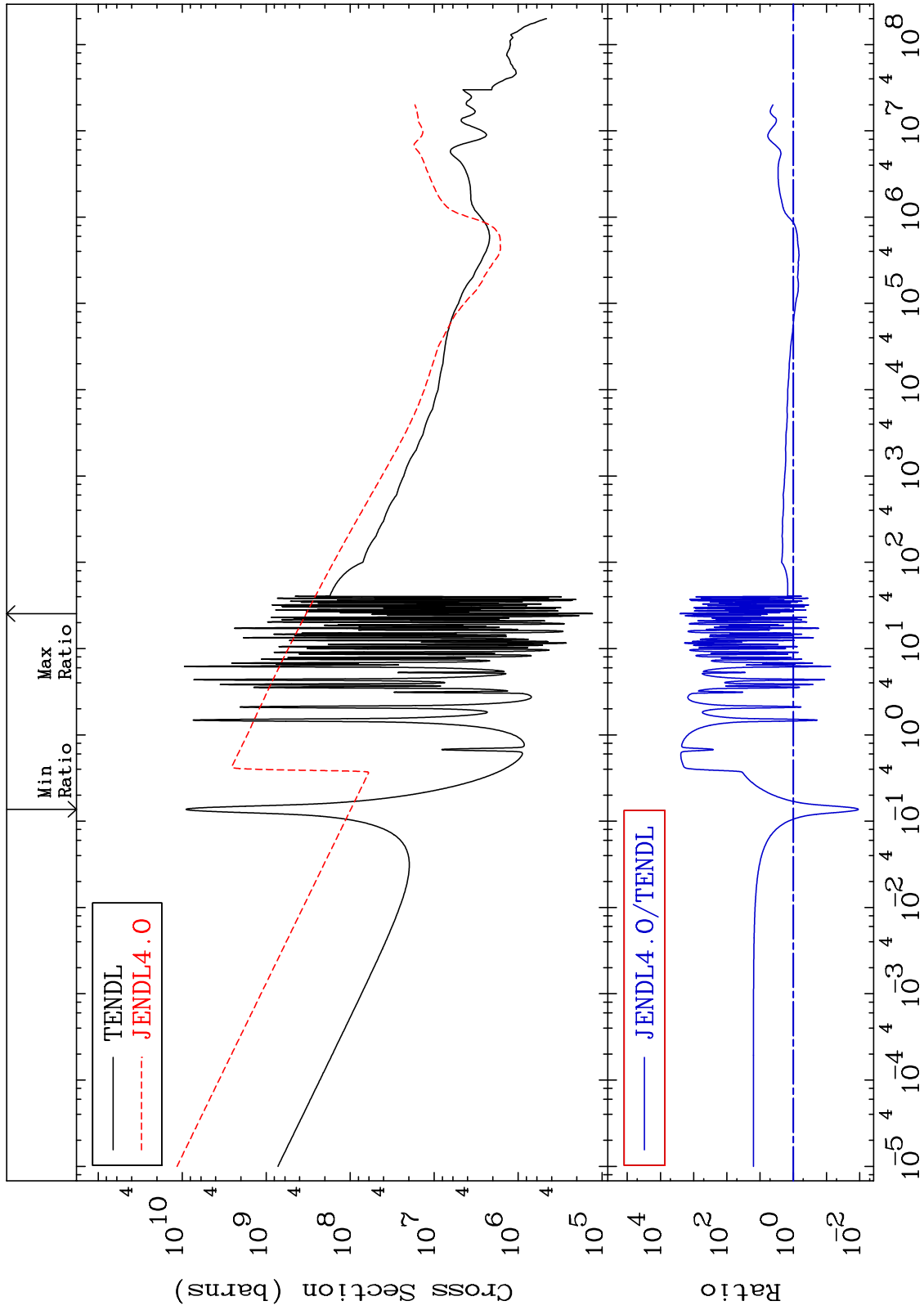
93-Np-239
-99.13 To 9999. %



MAT 9352

Total photon (eV-barns)
Cross Section

93-Np-239
-98.91 To 9999. %



40

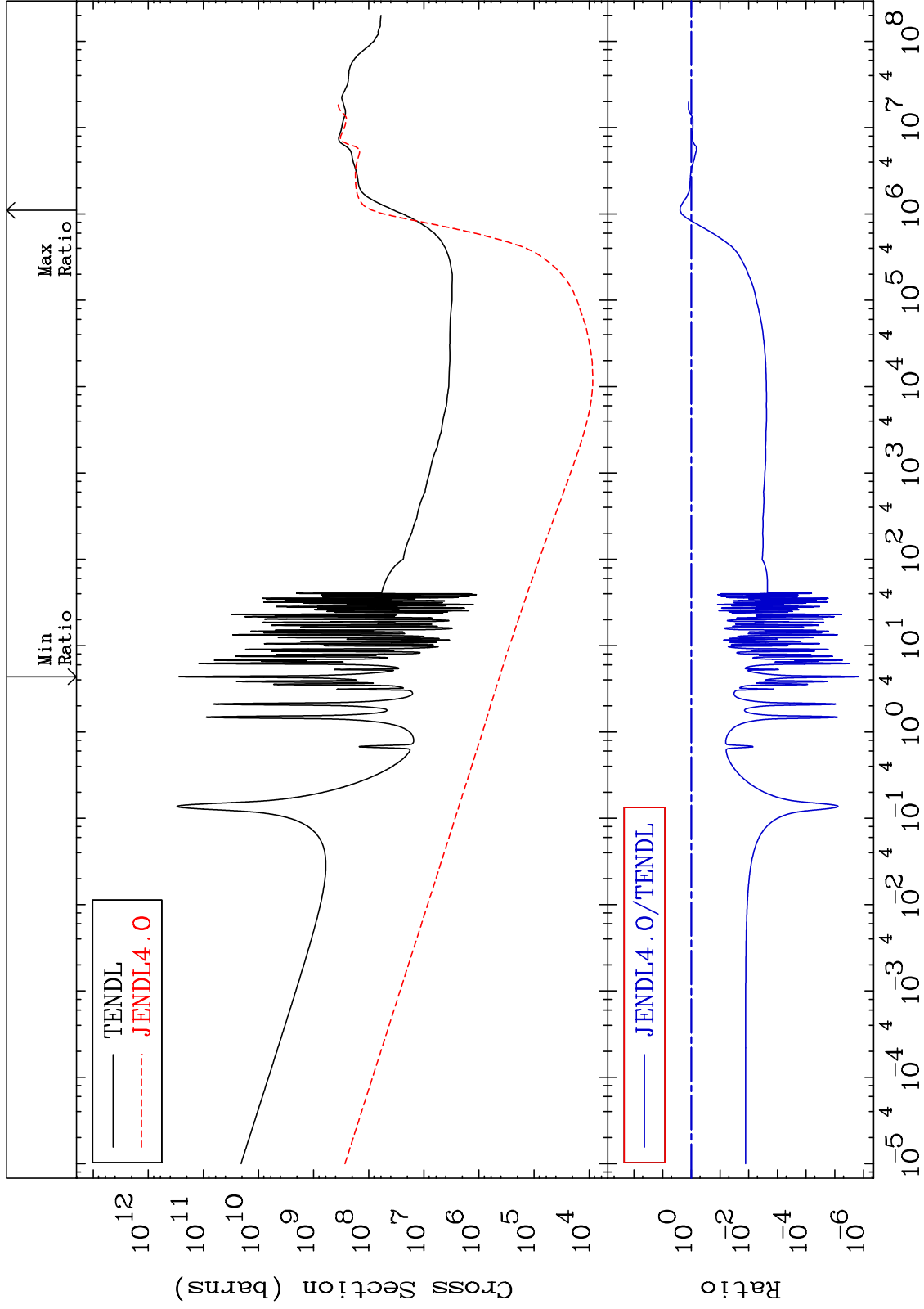
Incident Energy (eV)

93-Np-239

MAT 9352

Total kinematic kerma (high limit)
Cross Section

93-Np-239
-100.0 To 149.3 %



41

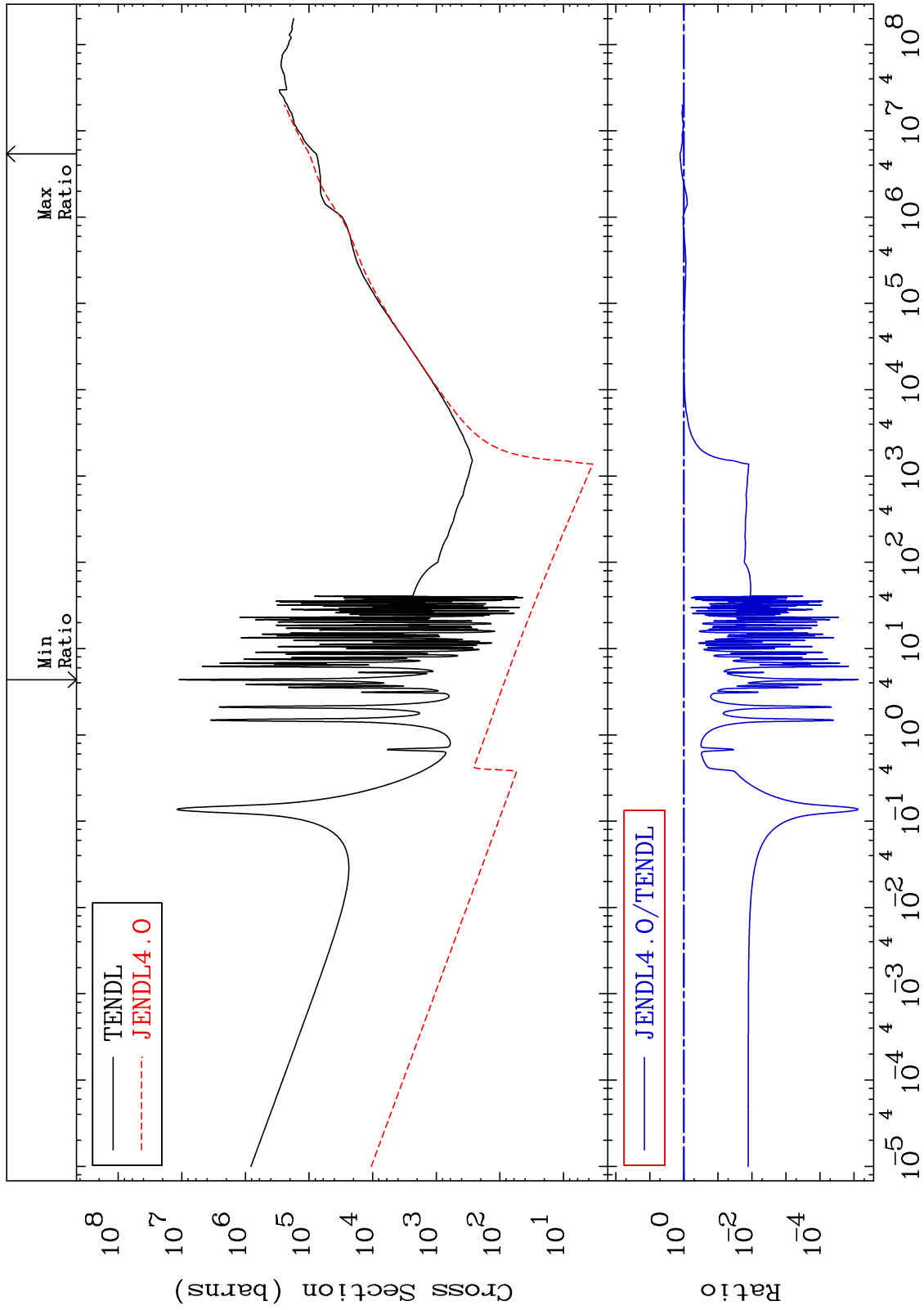
Incident Energy (eV)

93-Np-239

MAT 9352

Dpa total (eV-barns)
Cross Section

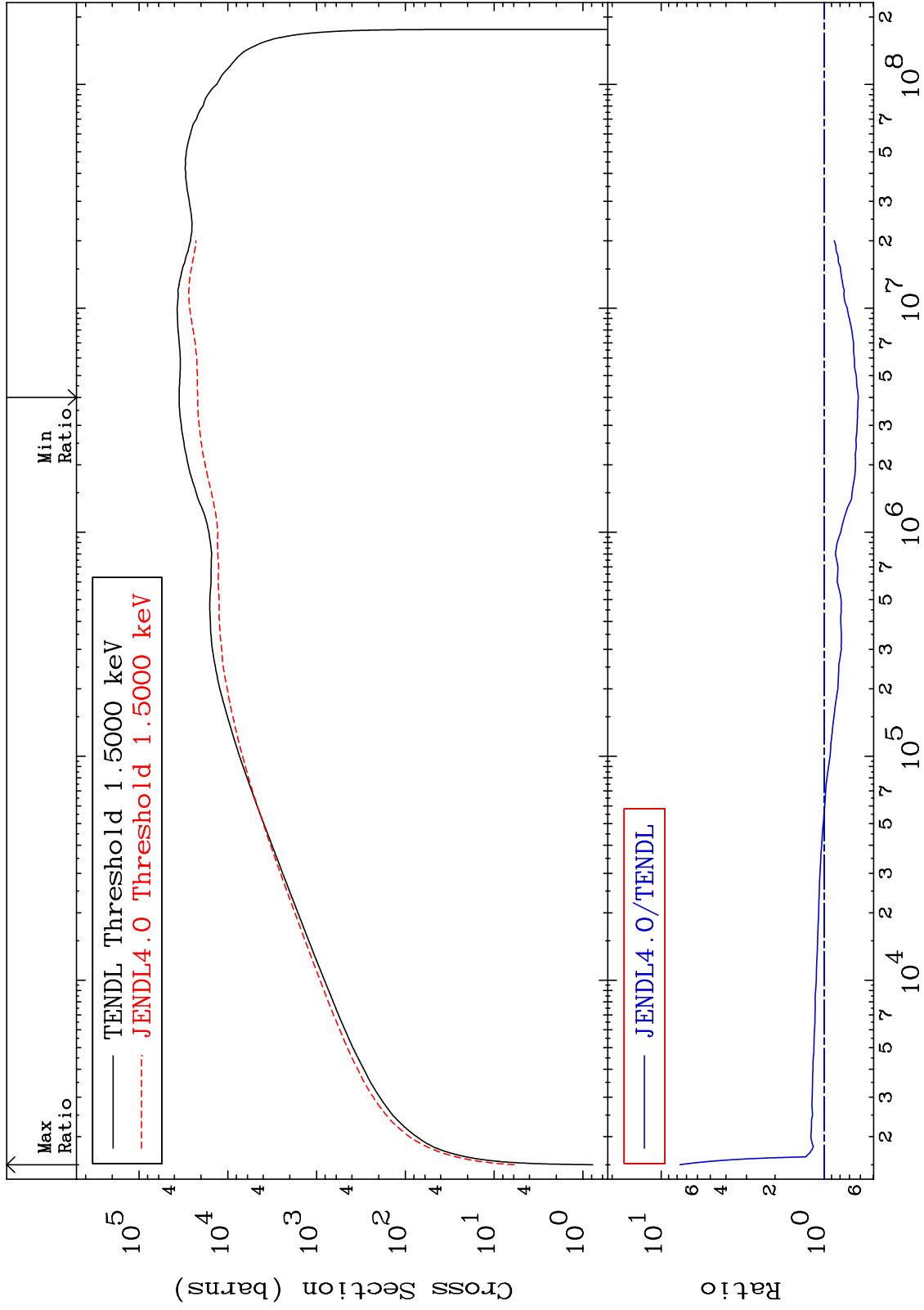
93-Np-239
-100.0 To 29.38 %



MAT 9352

Dpa elastic (mt2)
Cross Section

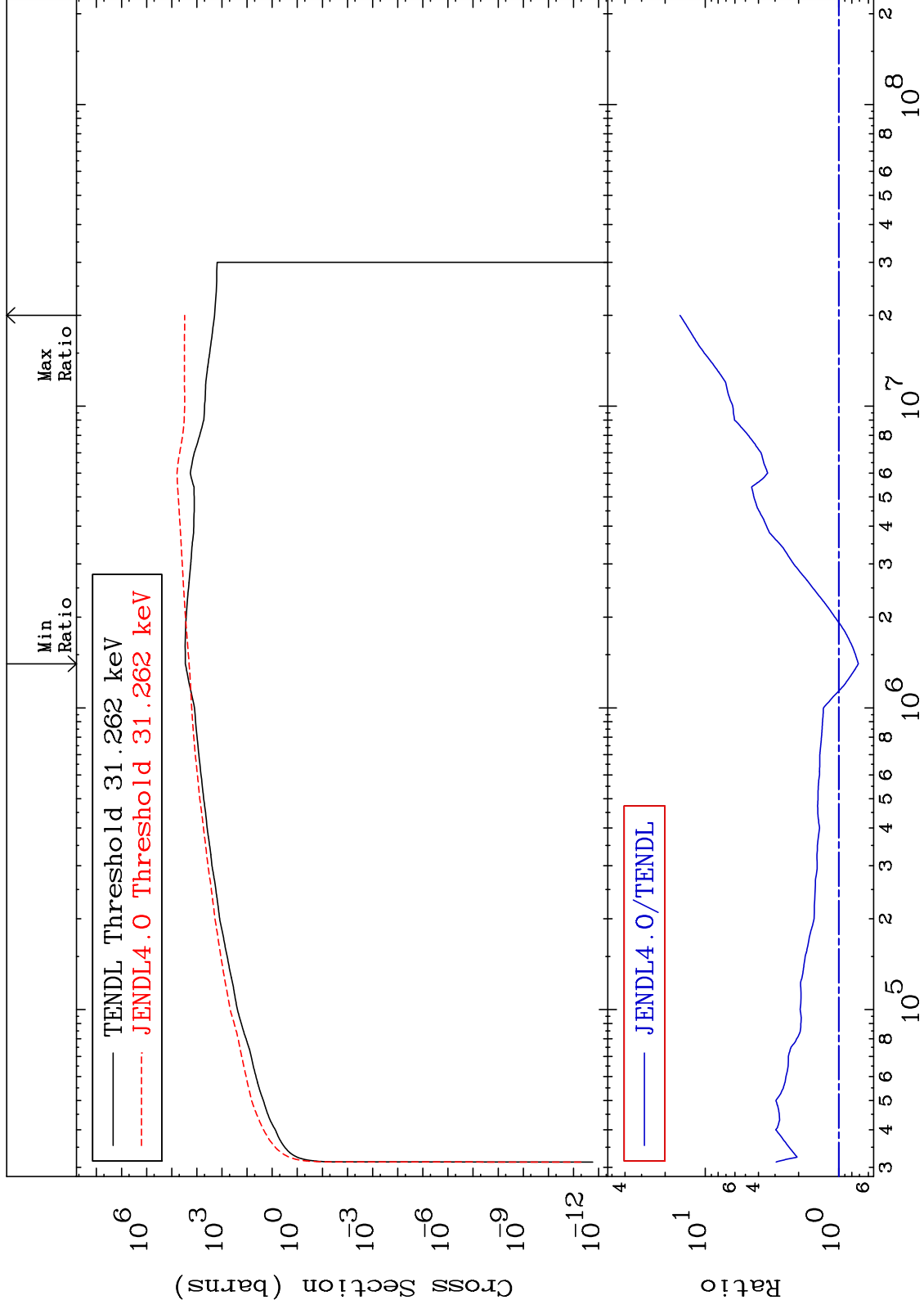
93-Np-239
-38.36 To 666.7 %



MAT 9352

Dpa inelastic (mt51-91)
Cross Section

93-Np-239
-28.73 To 1446. %



MAT 9352

Dpa disappearance (mt102 -120)
Cross Section

93-Np-239
-100.0 To 9999. %

