

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

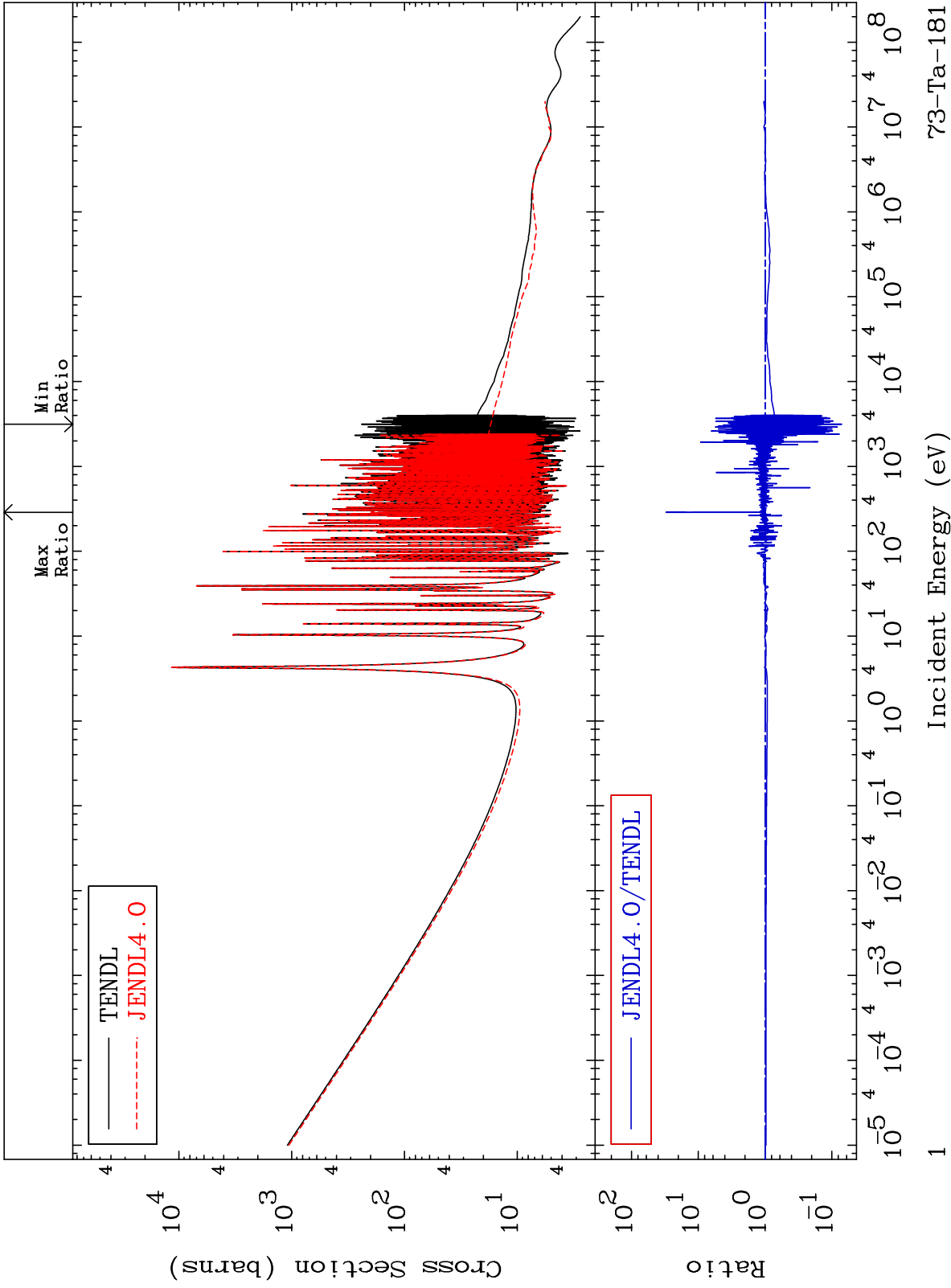
MAT 7328

Total

⁷³Ta-181

Cross Section

-92.86 To 2934. %

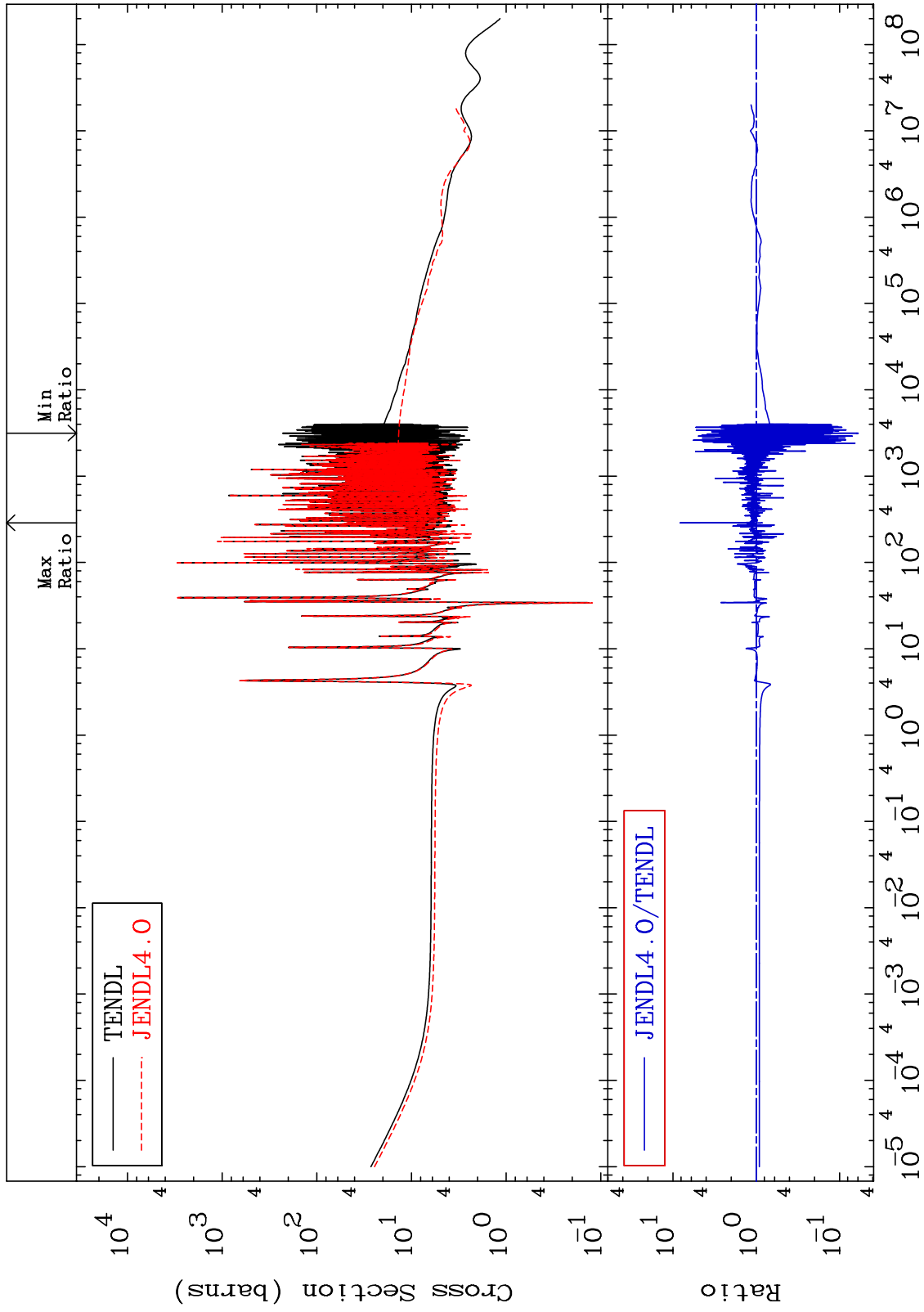


⁷³Ta-181

MAT 7328

Elastic
Cross Section

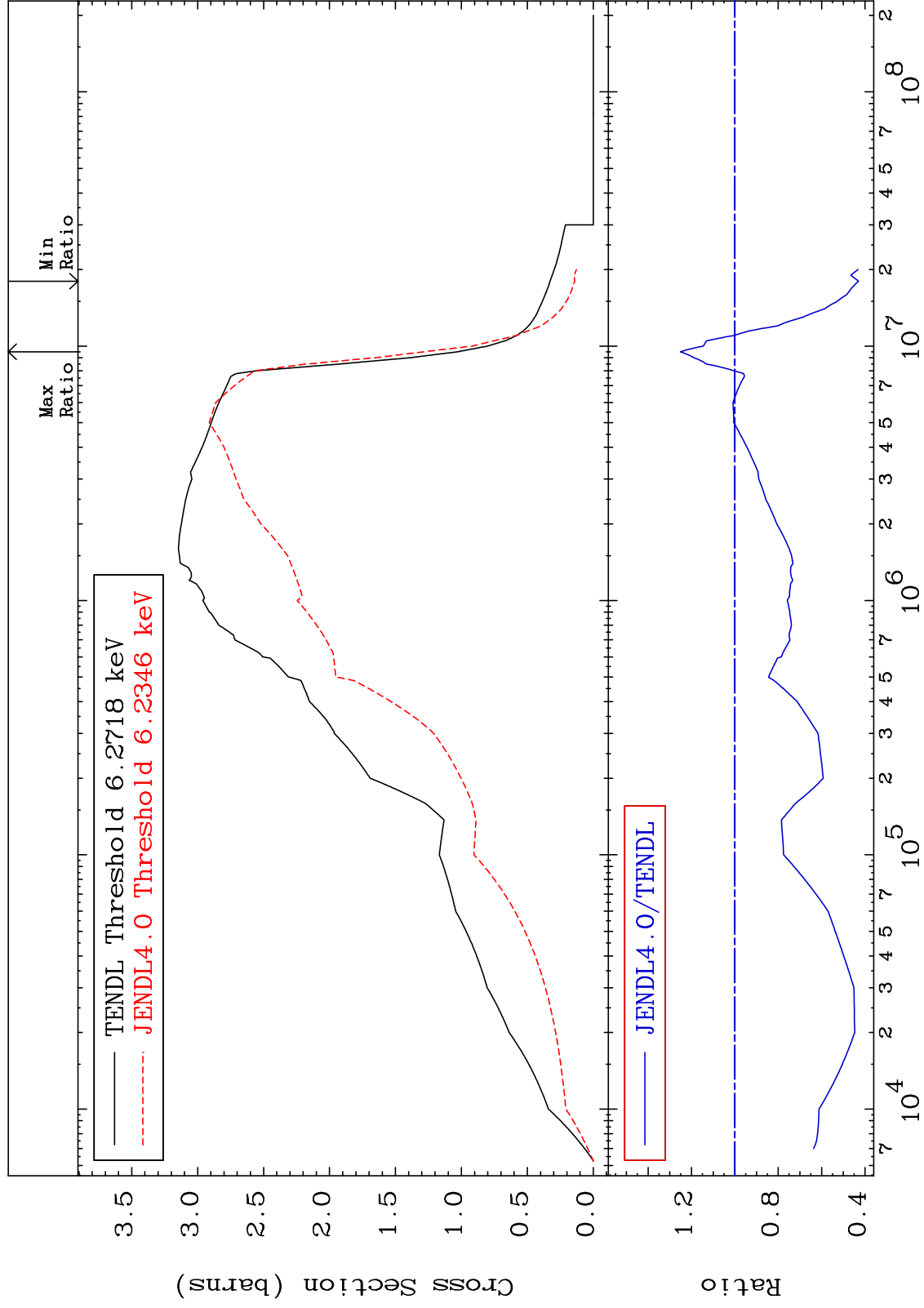
⁷³Ta-181
-94.06 To 721.6 %



MAT 7328

Inelastic
Cross Section

⁷³Ta-181
-57.02 To 25.09 %



3

Incident Energy (eV)

⁷³Ta-181

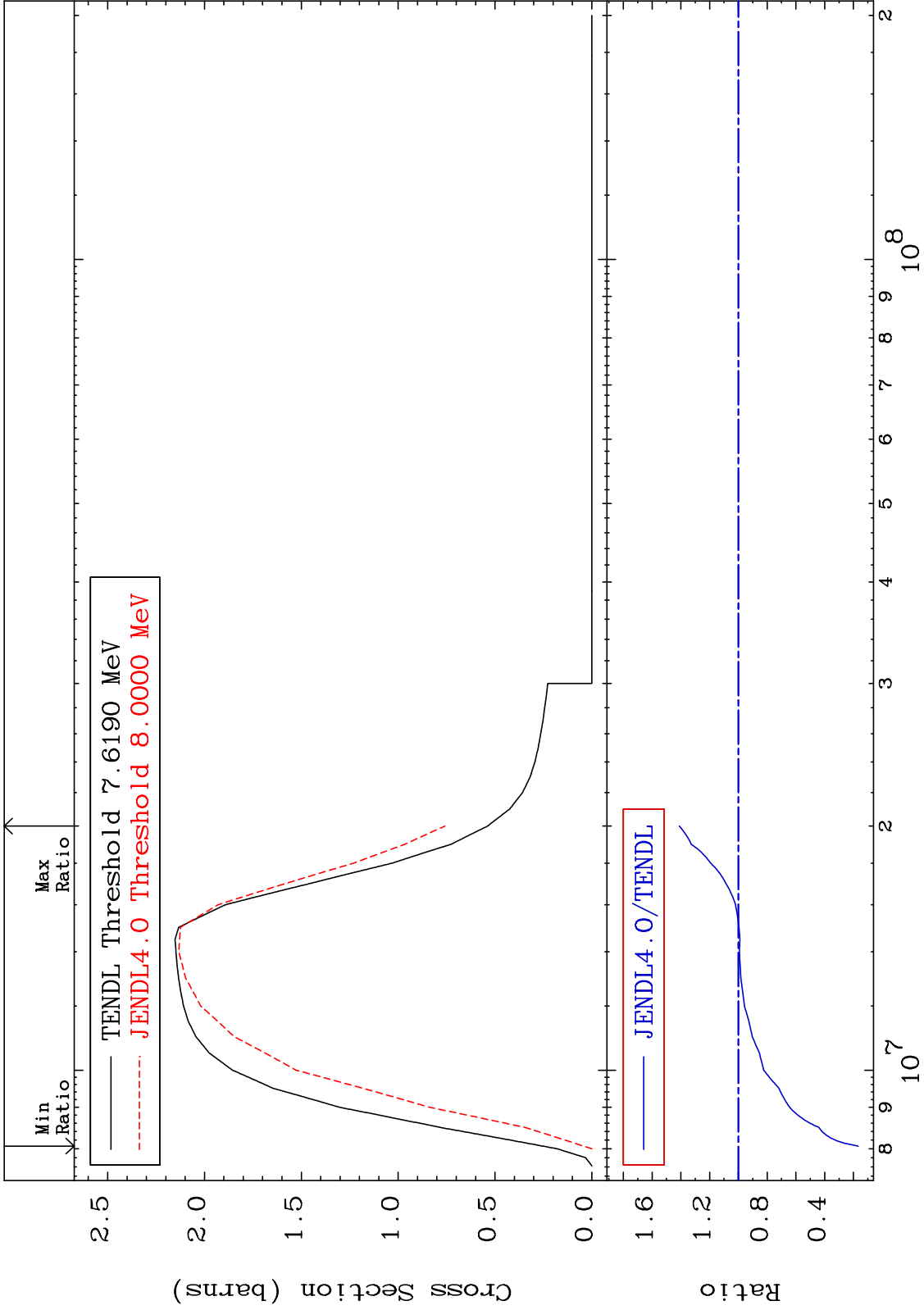
MAT 7328

(n,2n)

⁷³Ta-181

Cross Section

-83.33 To 41.03 %



⁷³Ta-181

Incident Energy (eV)

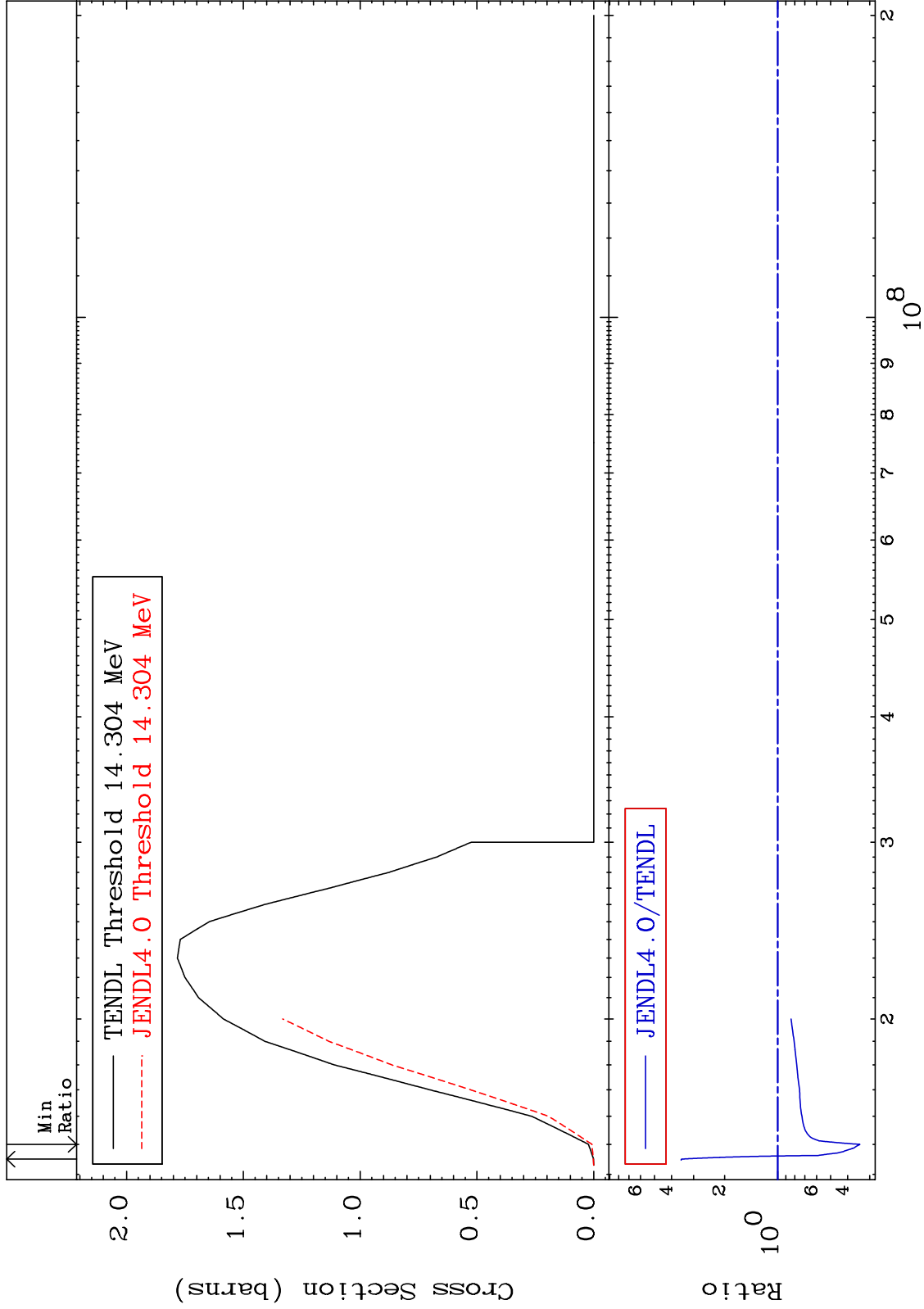
MAT 7328

(n, 3n)

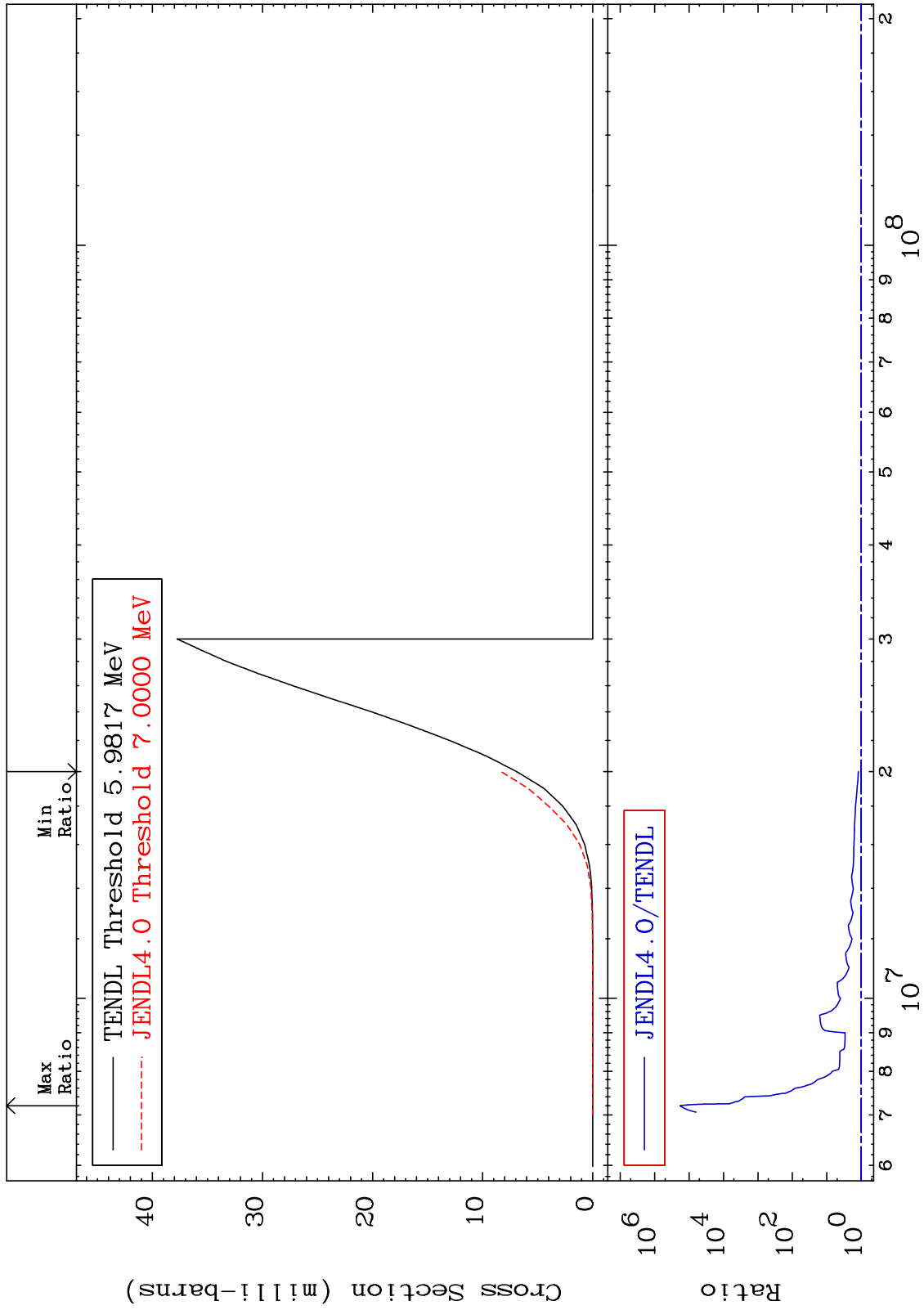
⁷³Ta-181

Cross Section

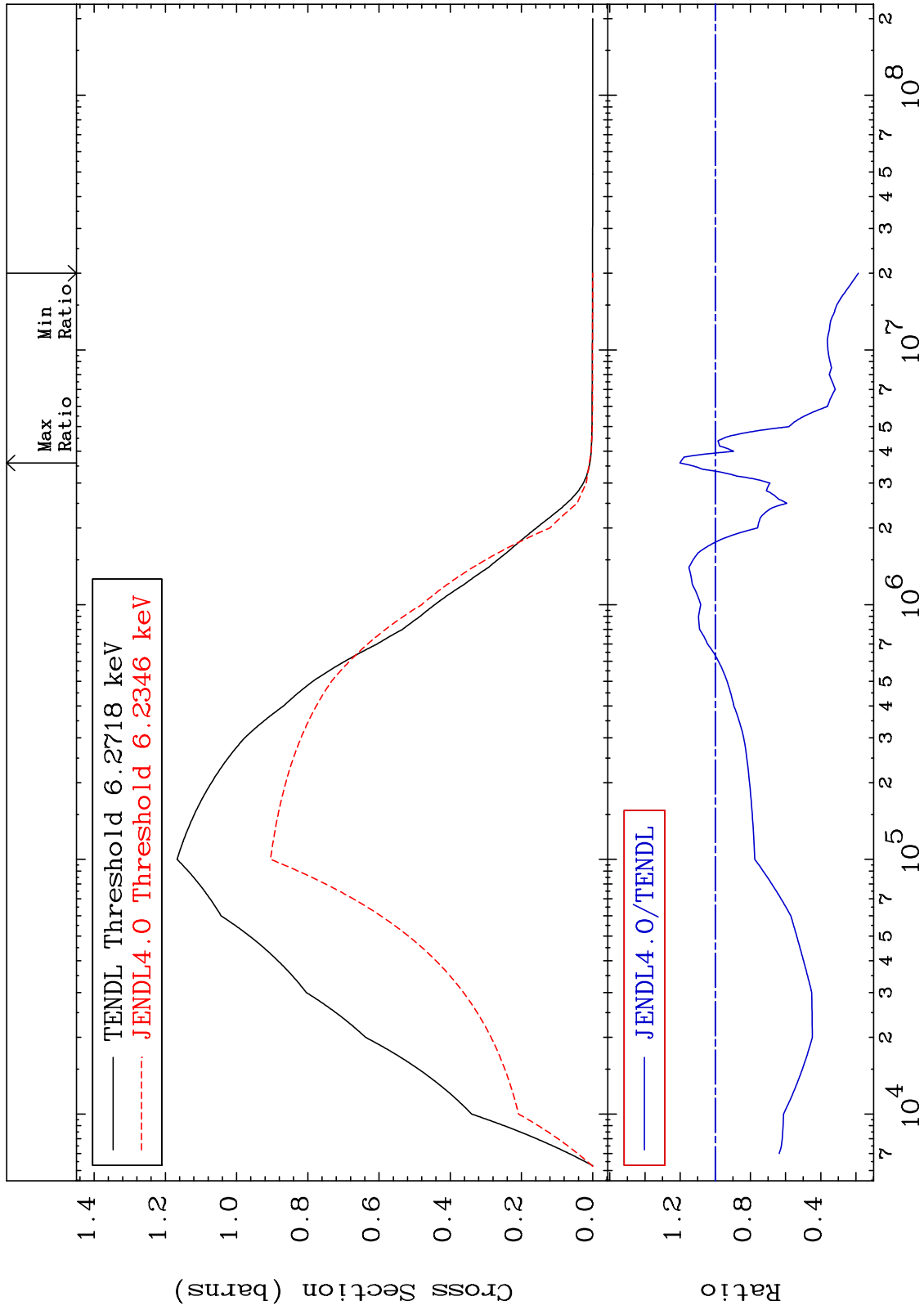
-65.90 To 252.8 %



MAT 7328 (n,n') p 73-Ta-181
Cross Section 20.59 To 9999. %



MAT 7328 MT= 51 (n, n') Level Cross Section -81.43 To 20.06 % ⁷³Ta-181

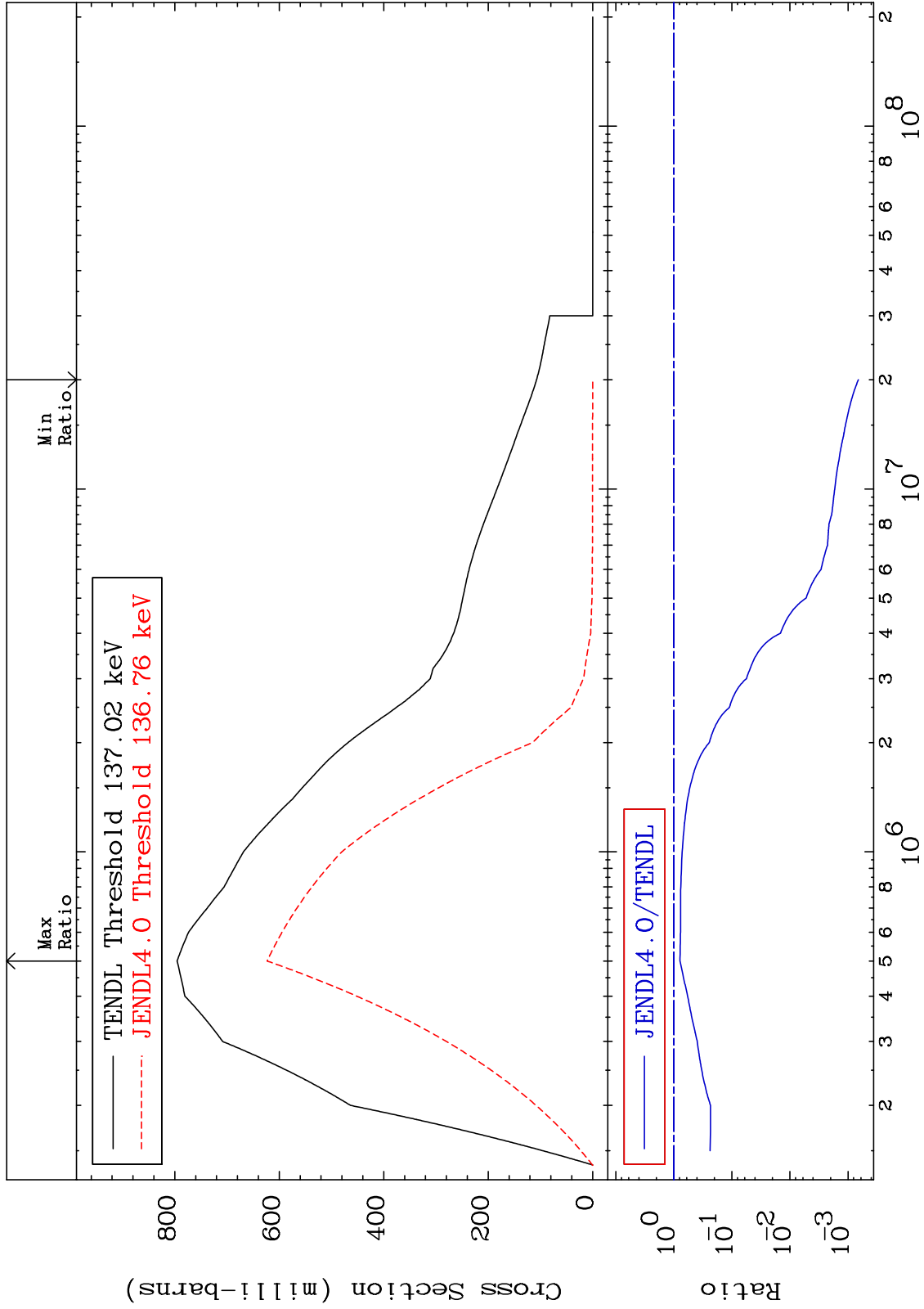


7 Incident Energy (eV) ⁷³Ta-181

MAT 7328

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

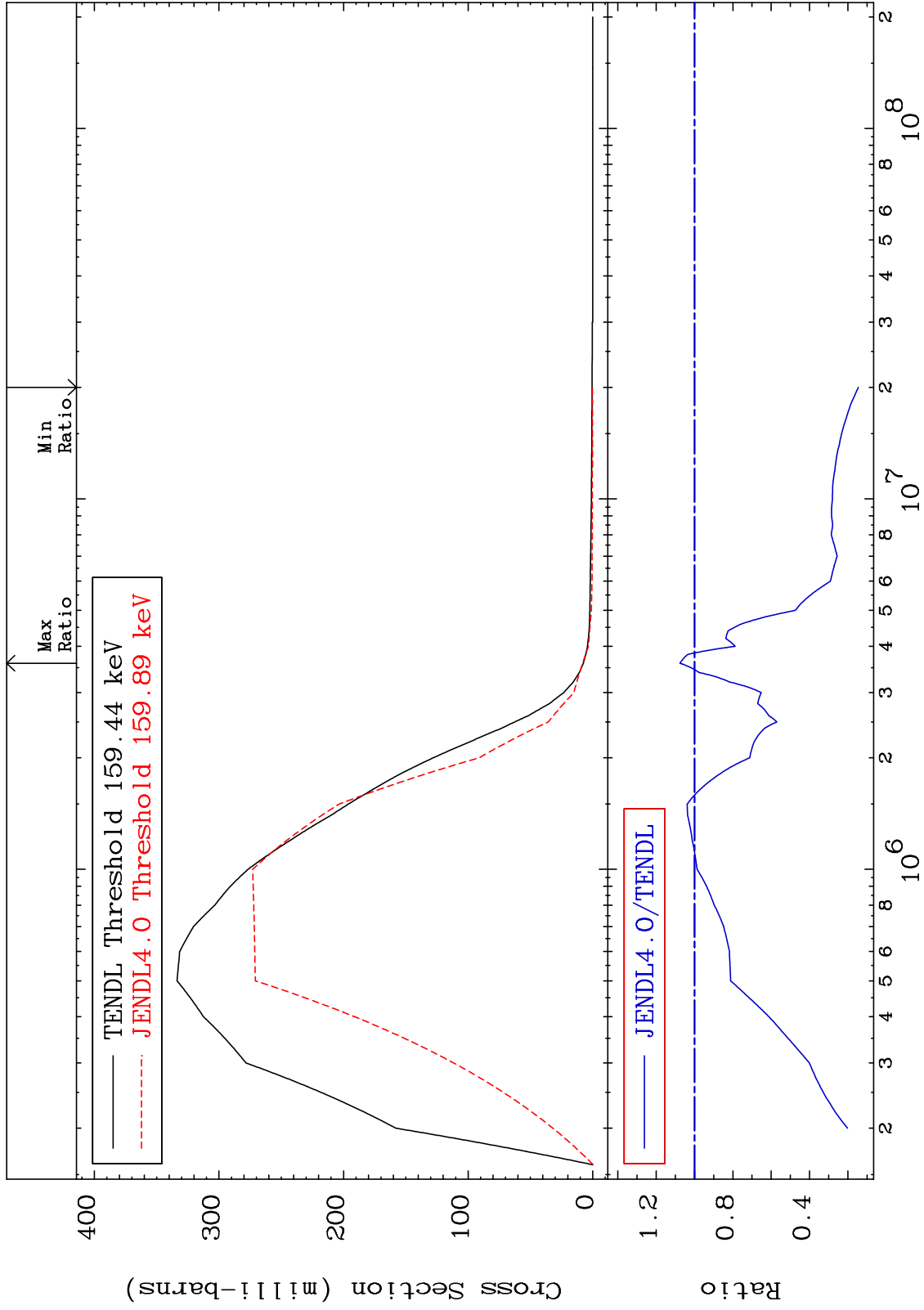
⁷³Ta-181
-99.93 To -21.66%



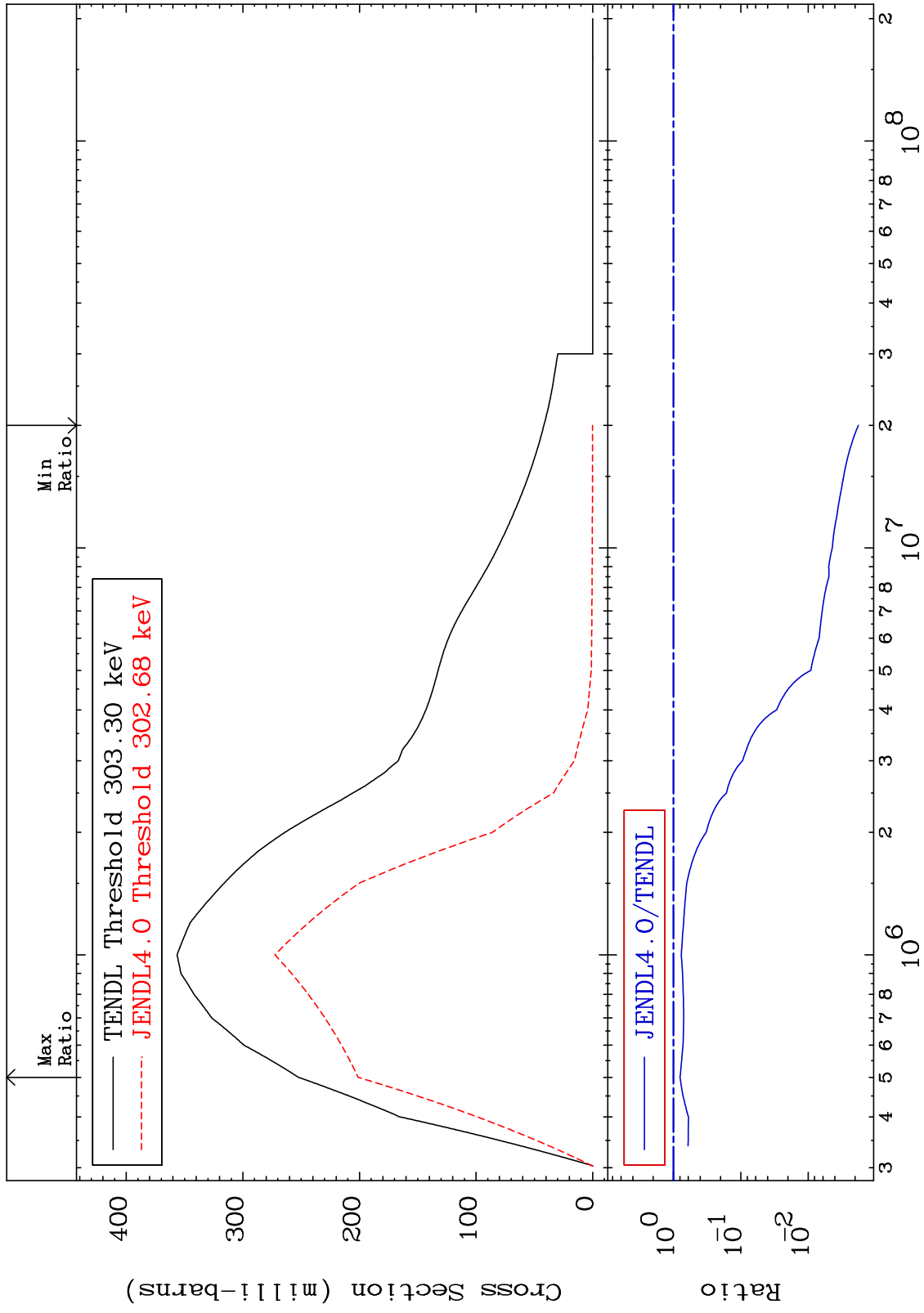
MAT 7328

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

⁷³Ta-181
-85.48 To 7.551 %

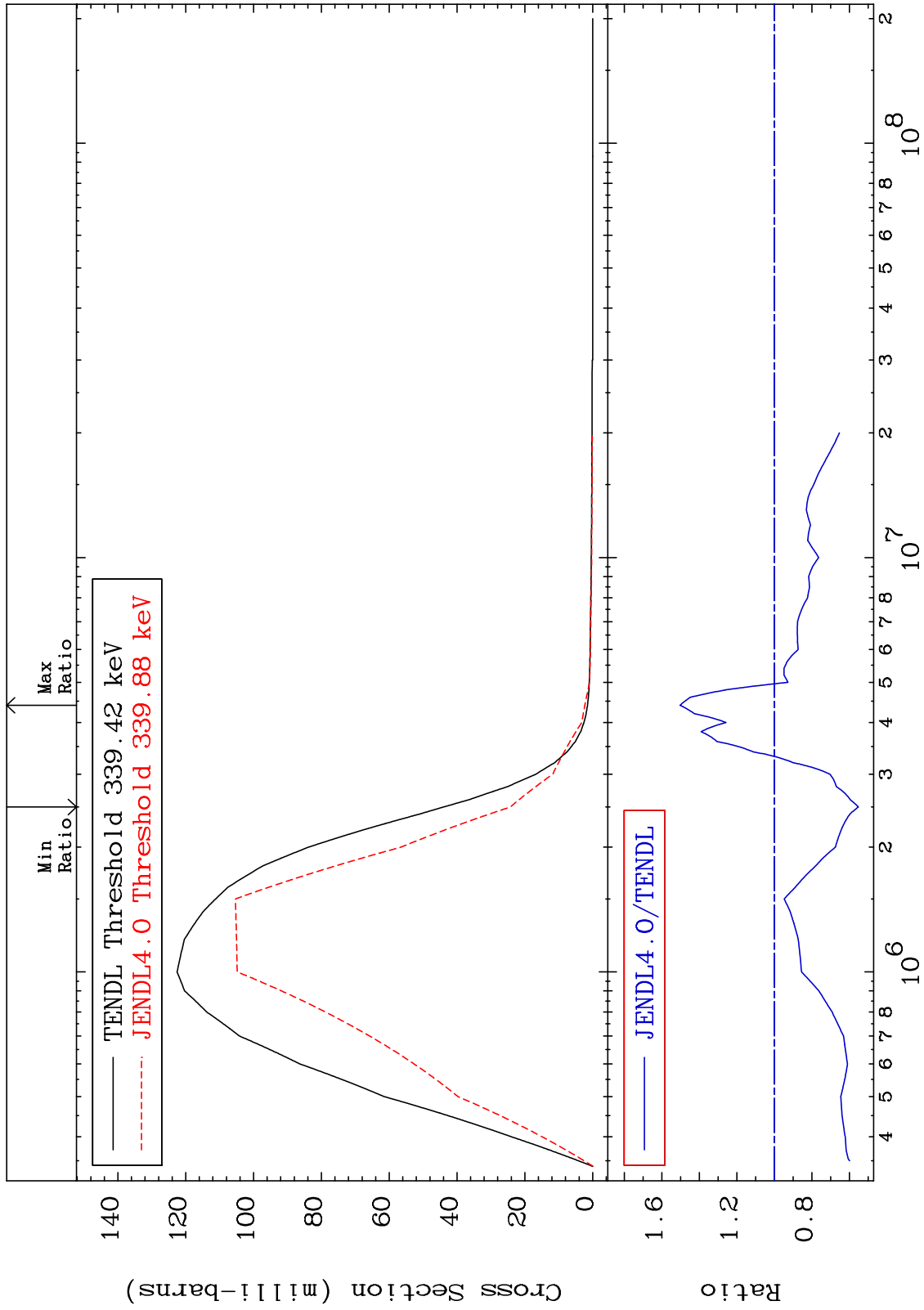


MAT 7328 MT= 54 (n,n') Level Cross Section 73-Ta-181 -99.82 To -20.27%



Incident Energy (eV) 73-Ta-181

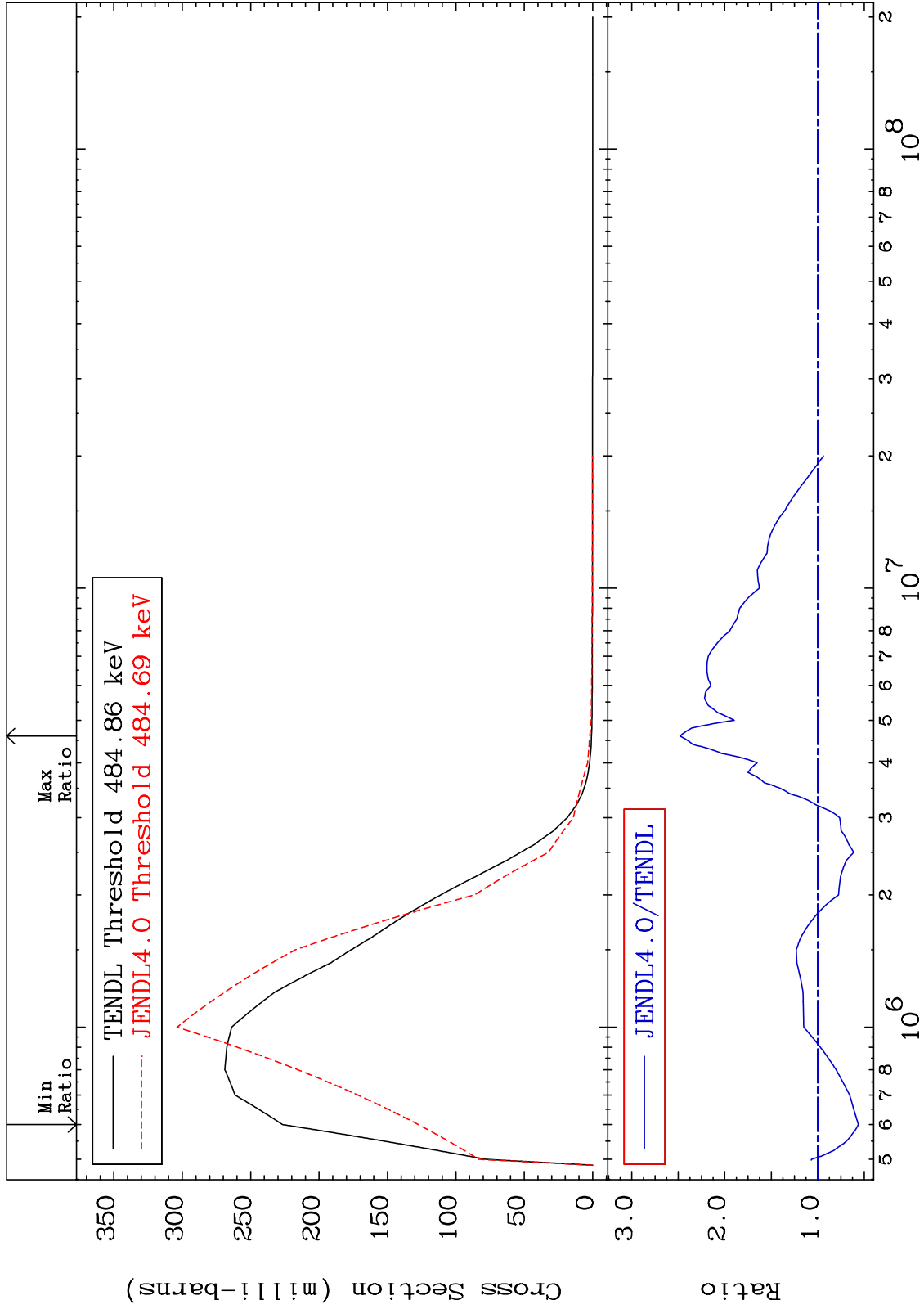
MAT 7328 MT= 55 (n,n') Level Cross Section -44.79 To 50.29 % ⁷³Ta-181



MAT 7328

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

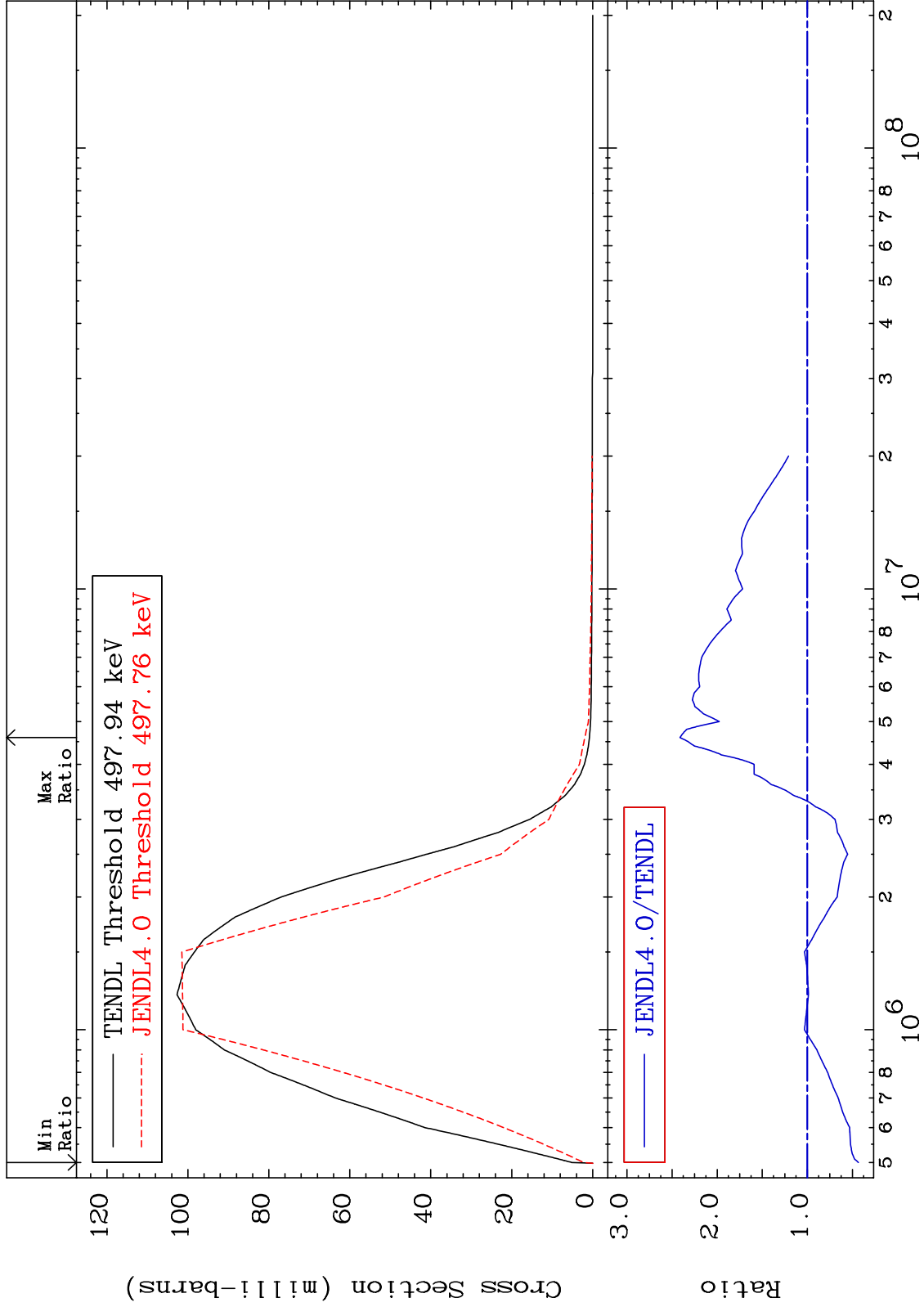
⁷³Ta-181
-43.80 To 148.1 %



MAT 7328

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

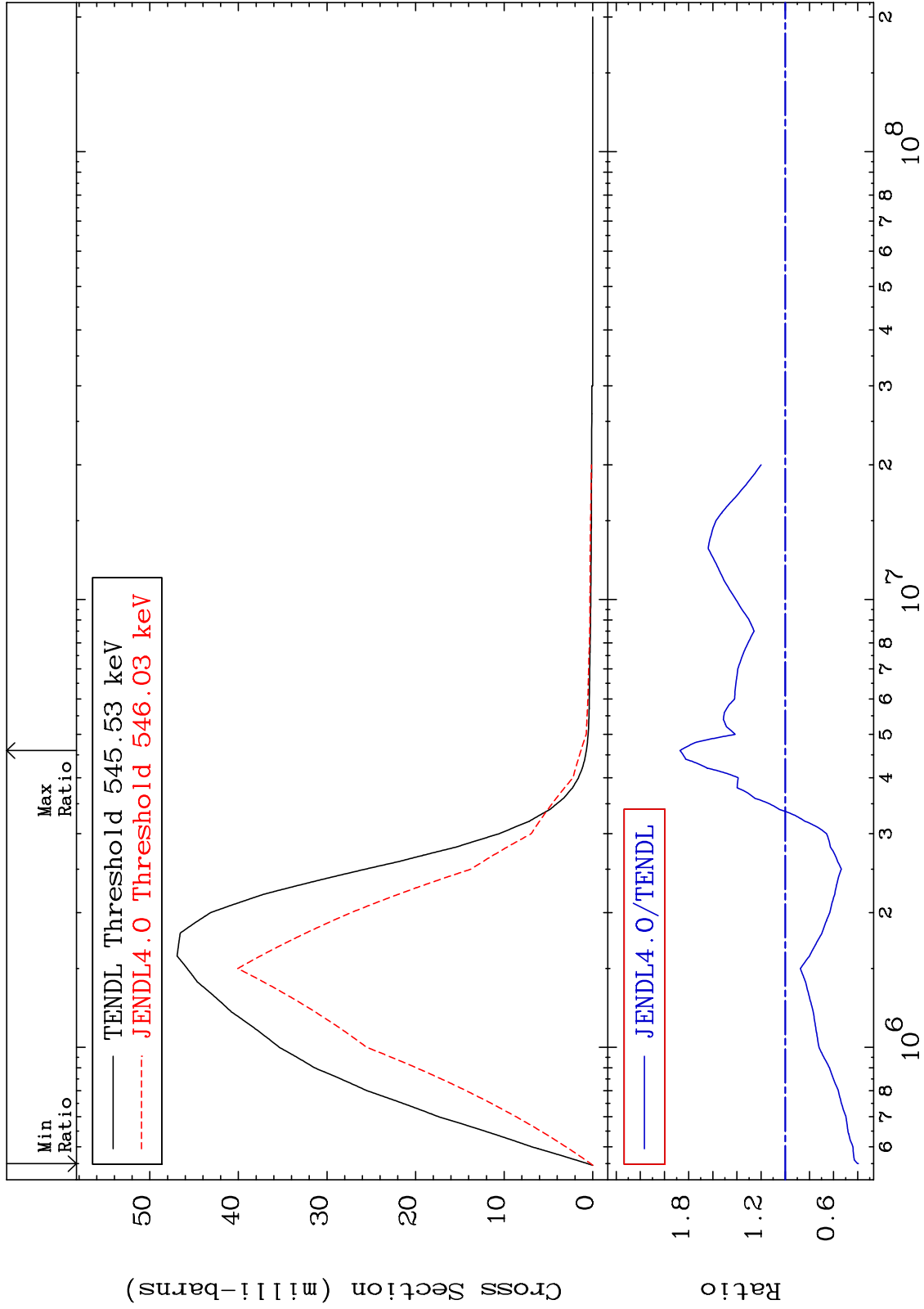
⁷³Ta-181
-56.64 To 141.2 %



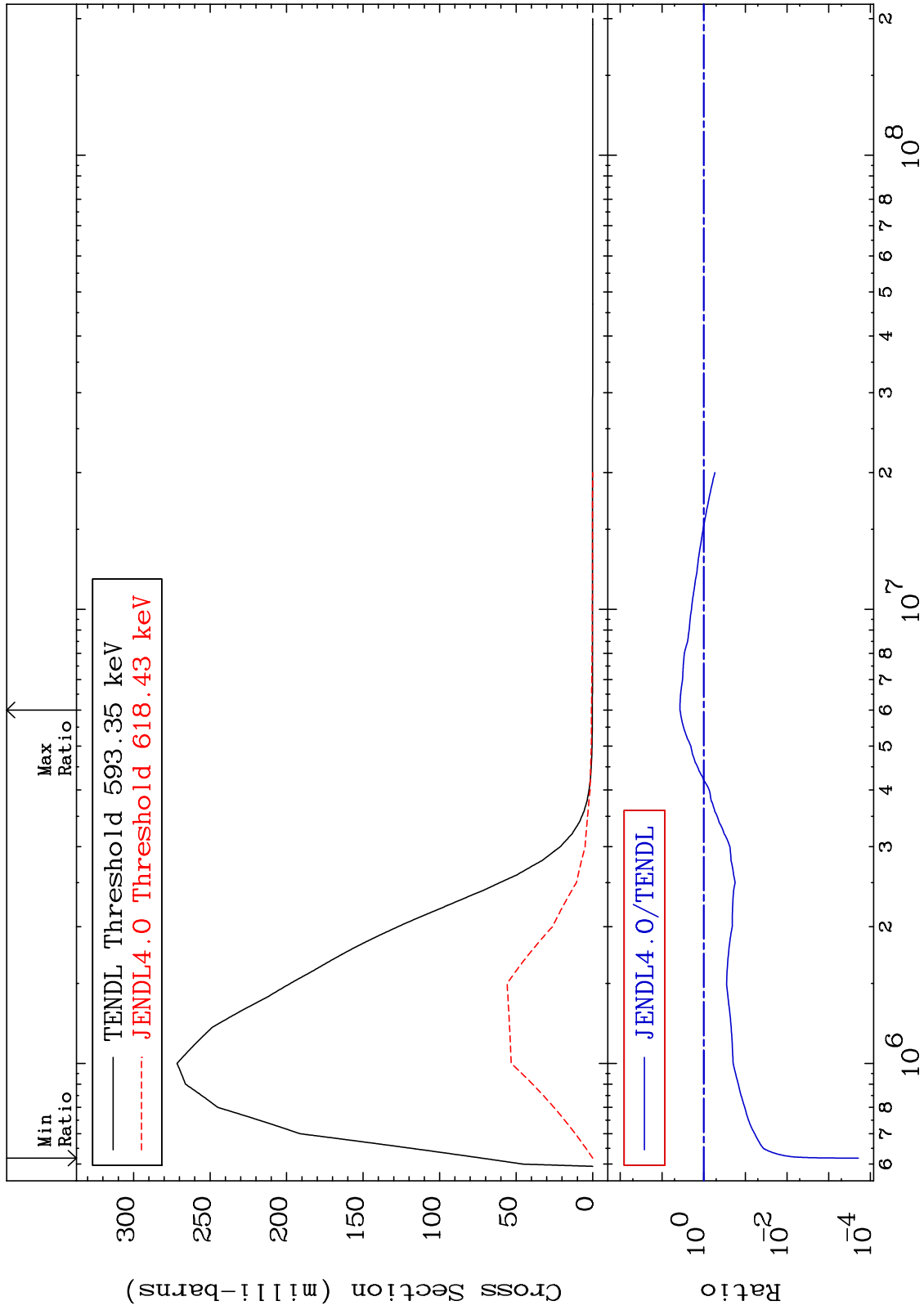
MAT 7328

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

⁷³Ta-181
-60.58 To 87.15 %



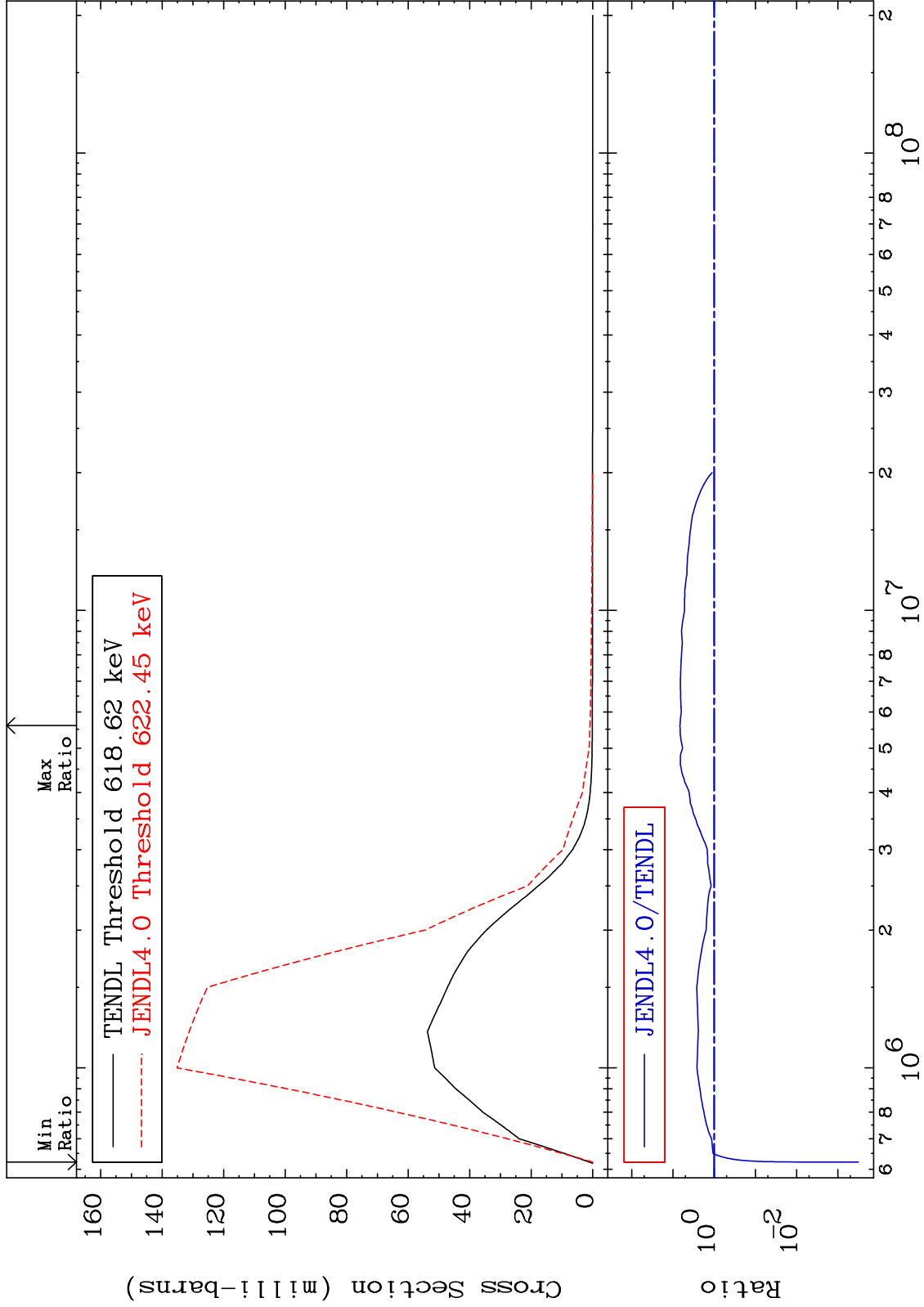
MAT 7328 MT= 59 (n, n') Level Cross Section -99.98 To 269.0 % ⁷³Ta-181



MAT 7328

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

⁷³Ta-181
-99.97 To 576.7 %



16

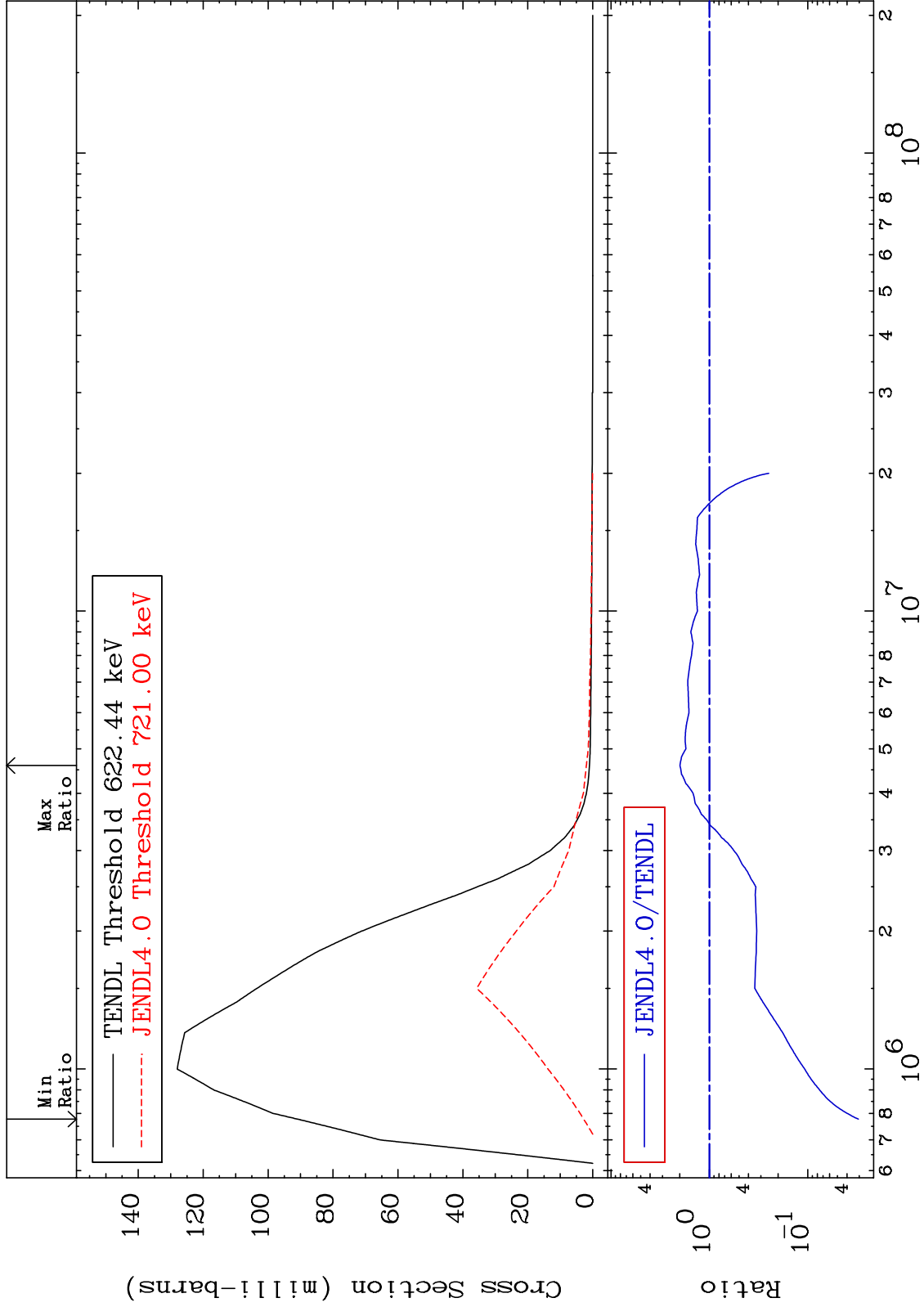
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-96.94 To 98.75 %



17

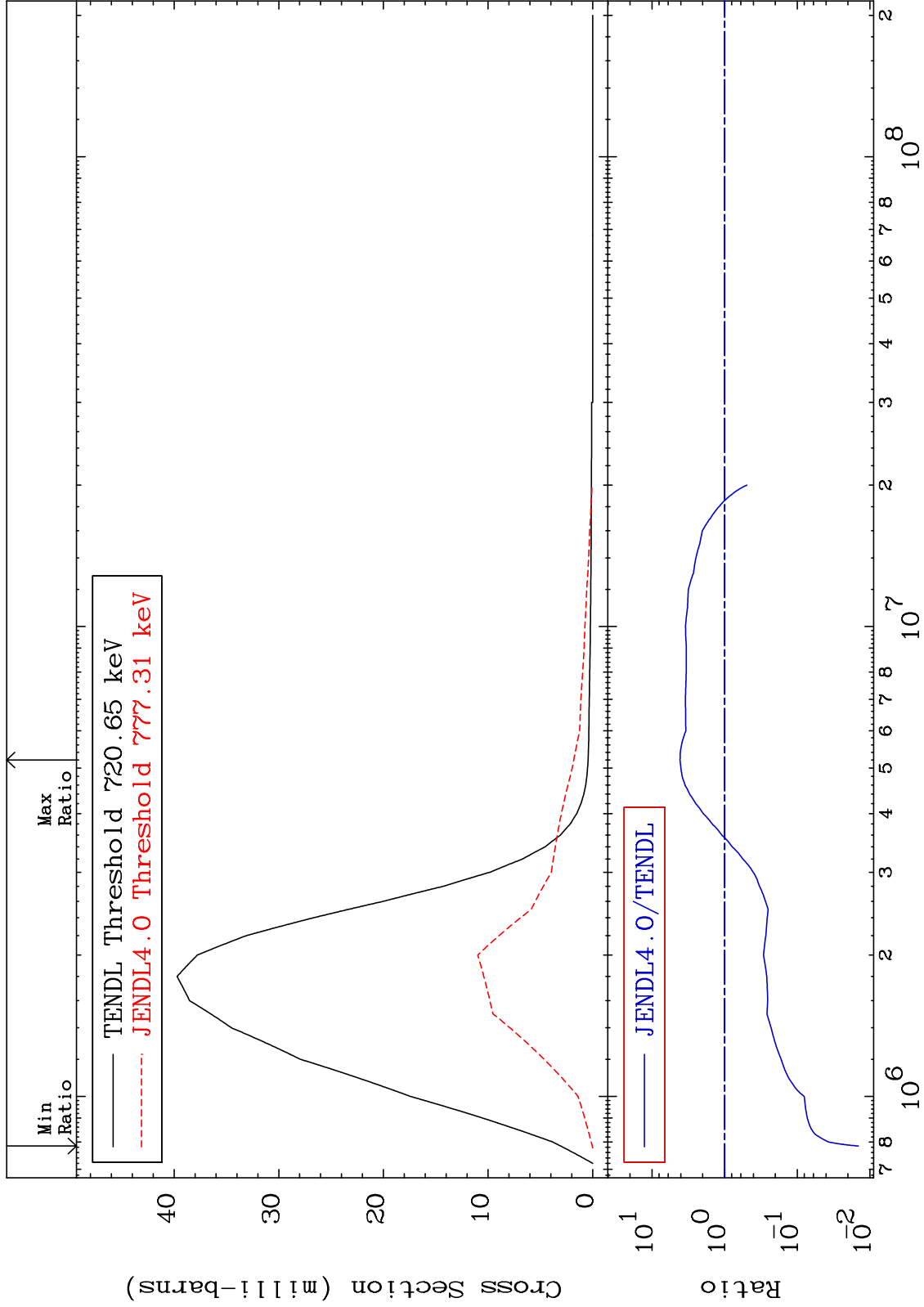
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-98.56 To 310.8 %



18

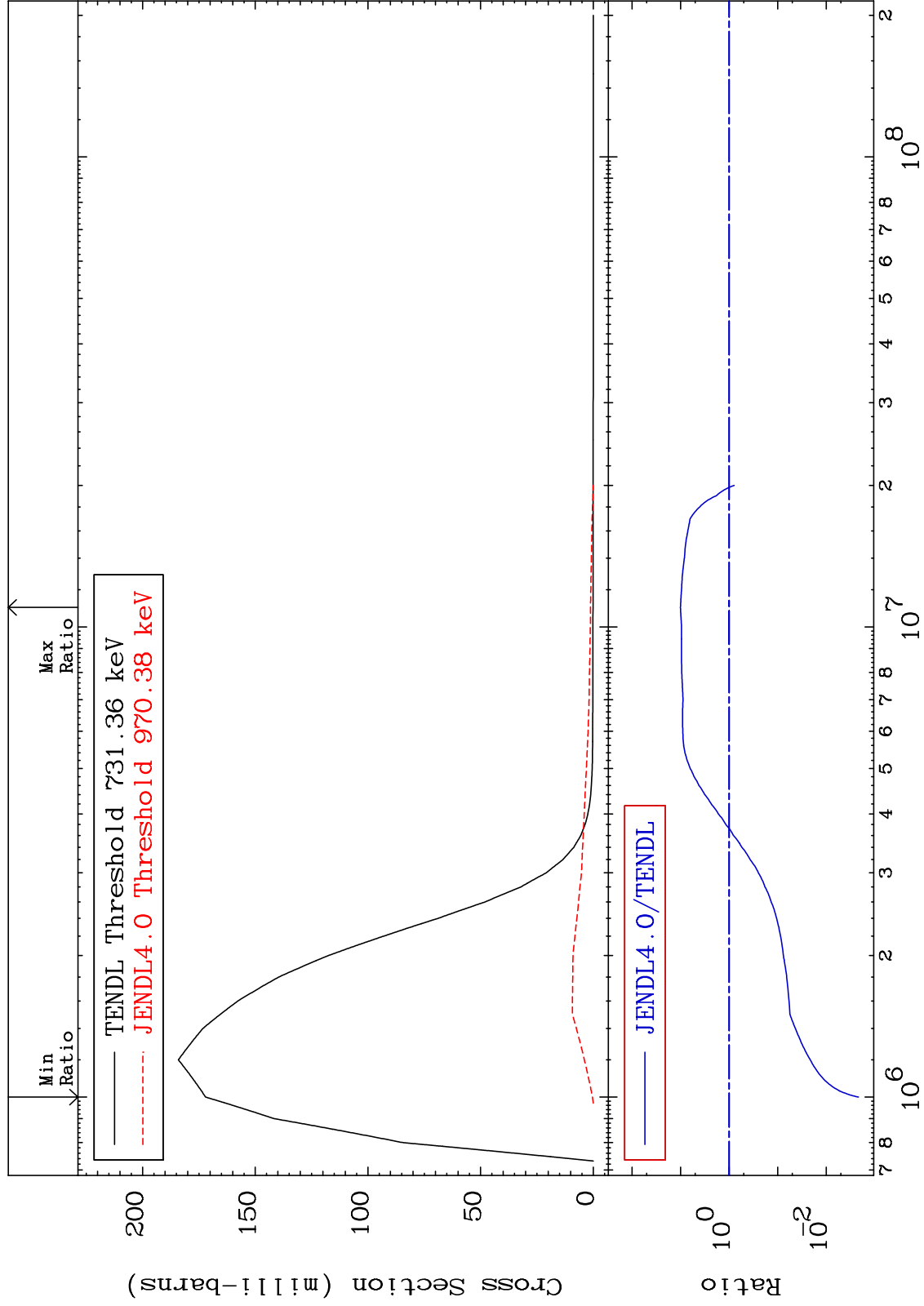
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-99.78 To 908.4 %



19

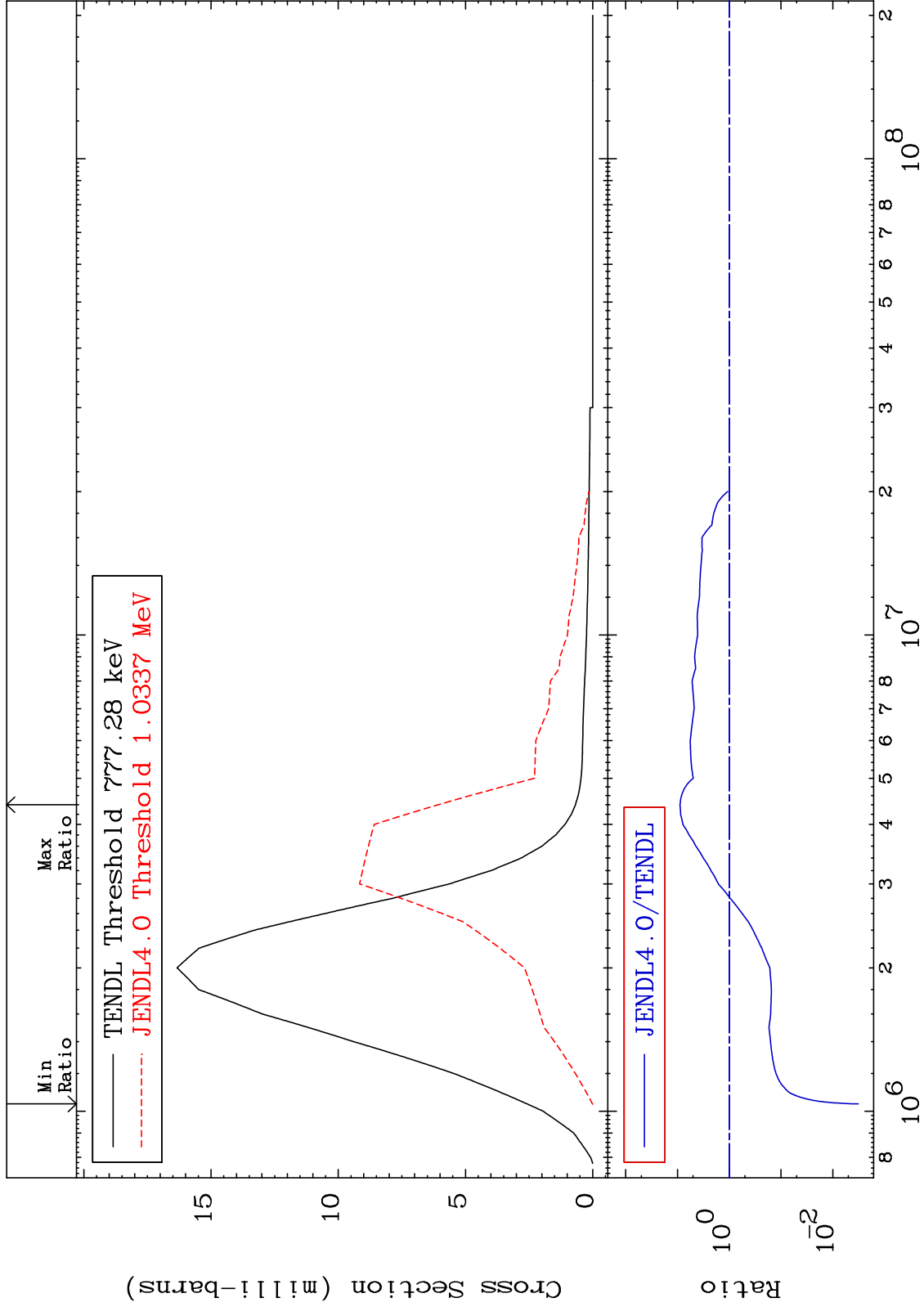
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

⁷³Ta-181
-99.68 To 794.4 %

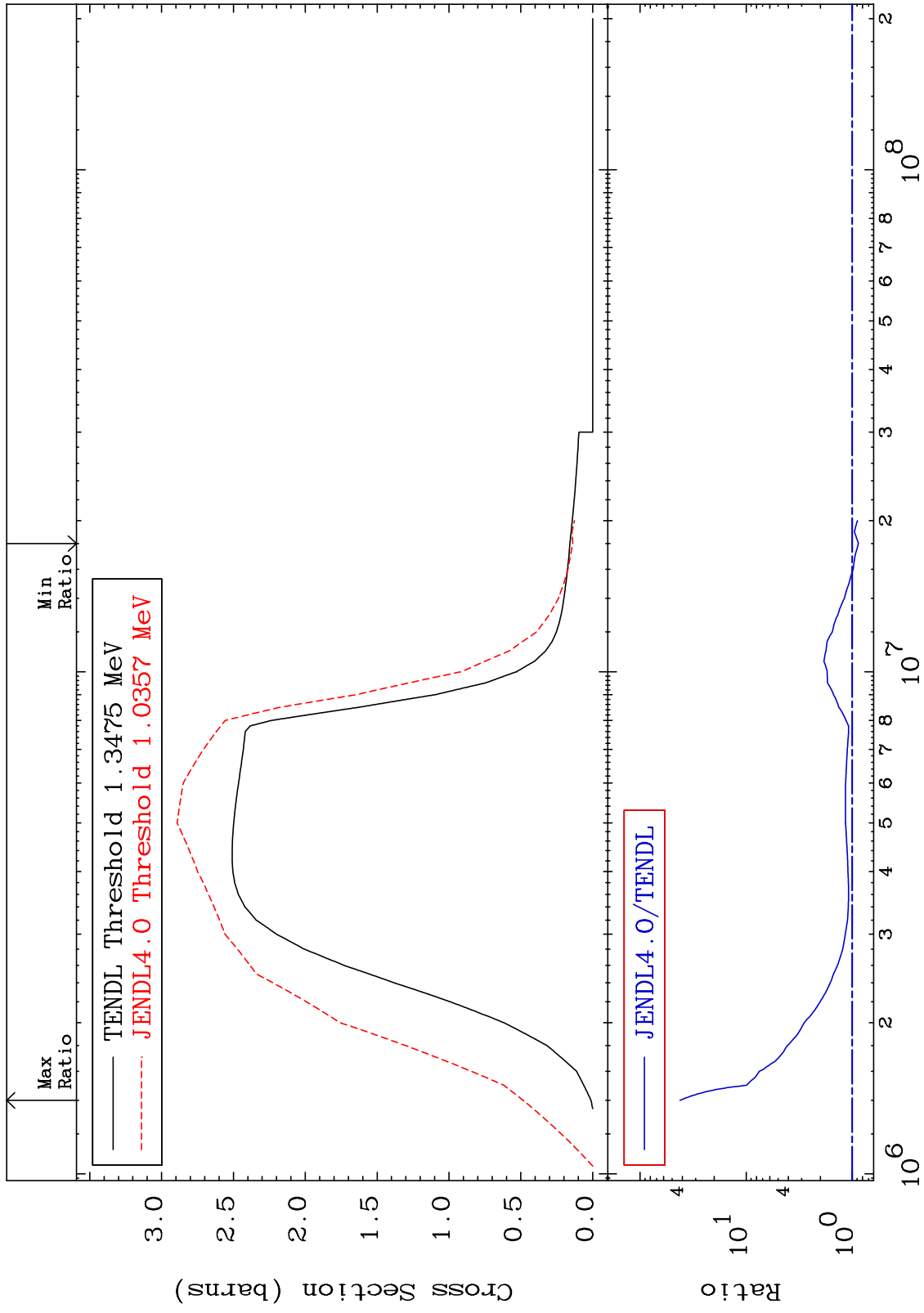


20

Incident Energy (eV)

⁷³Ta-181

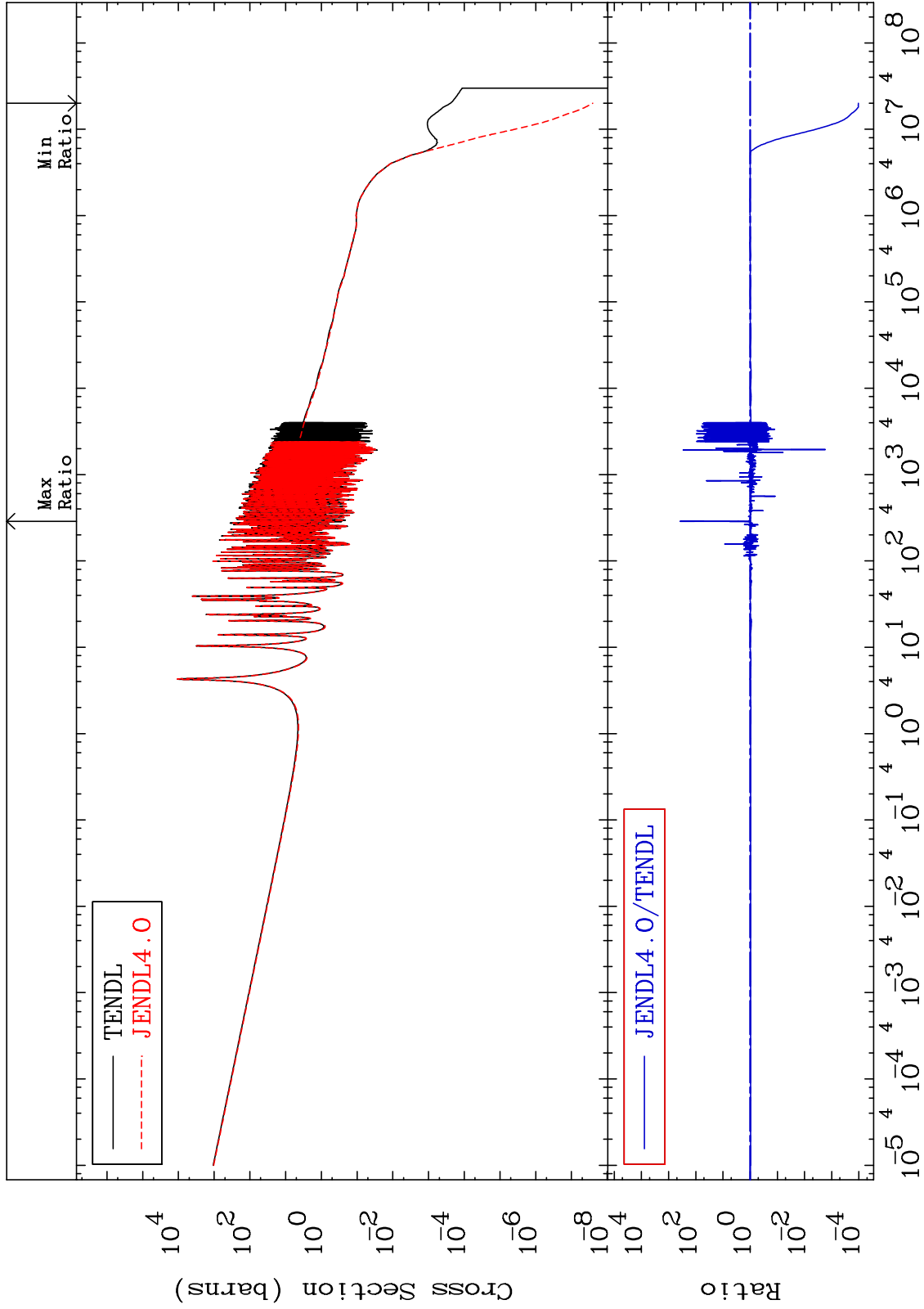
MAT 7328 ^{73}Ta -181
 (n, n') Continuum Cross Section -12.45 To 4106. %



MAT 7328

(n, γ)
Cross Section

⁷³Ta-181
-99.99 To 9999. %



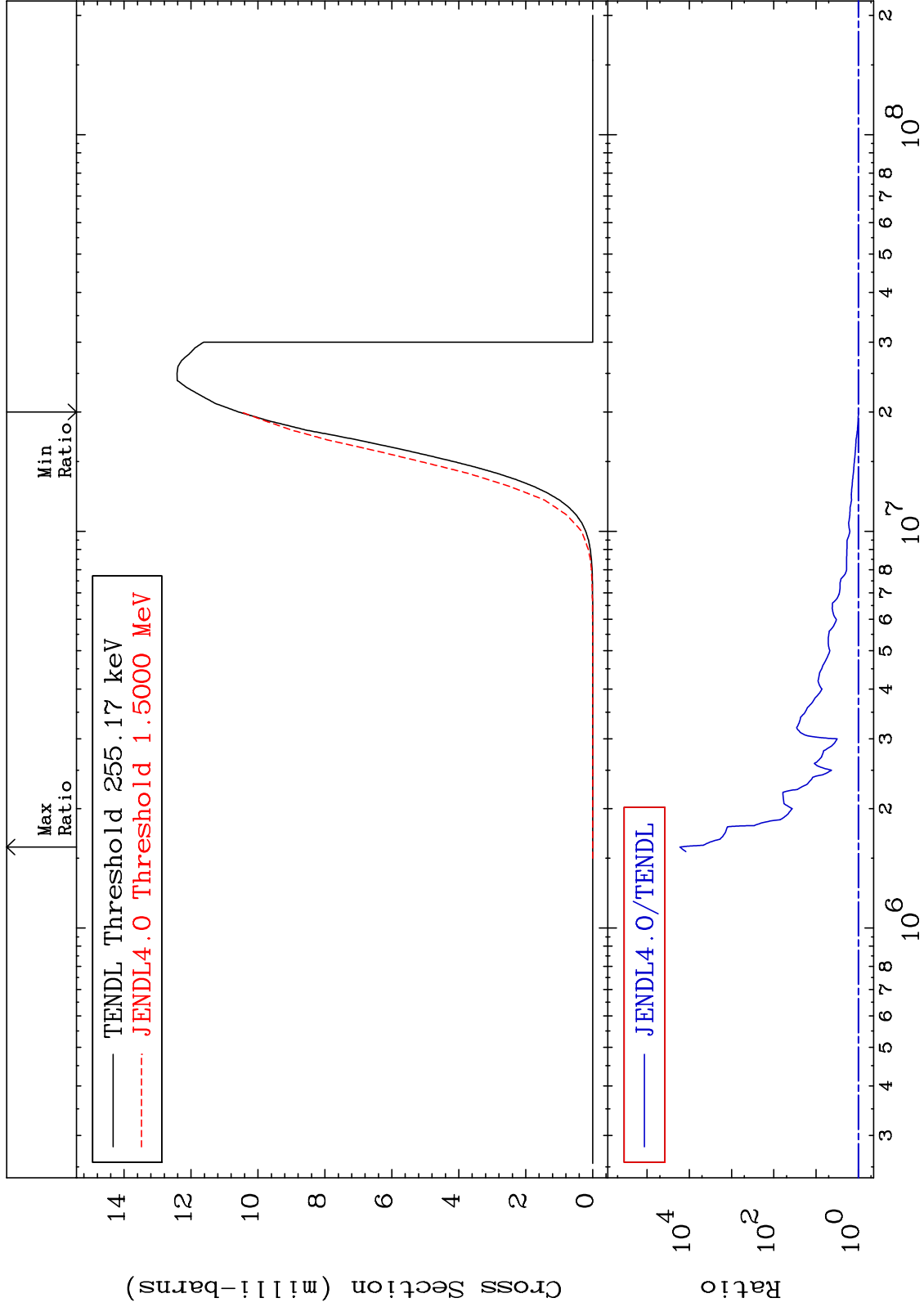
MAT 7328

(n, p)

⁷³Ta-181

Cross Section

-0.673 To 9999. %



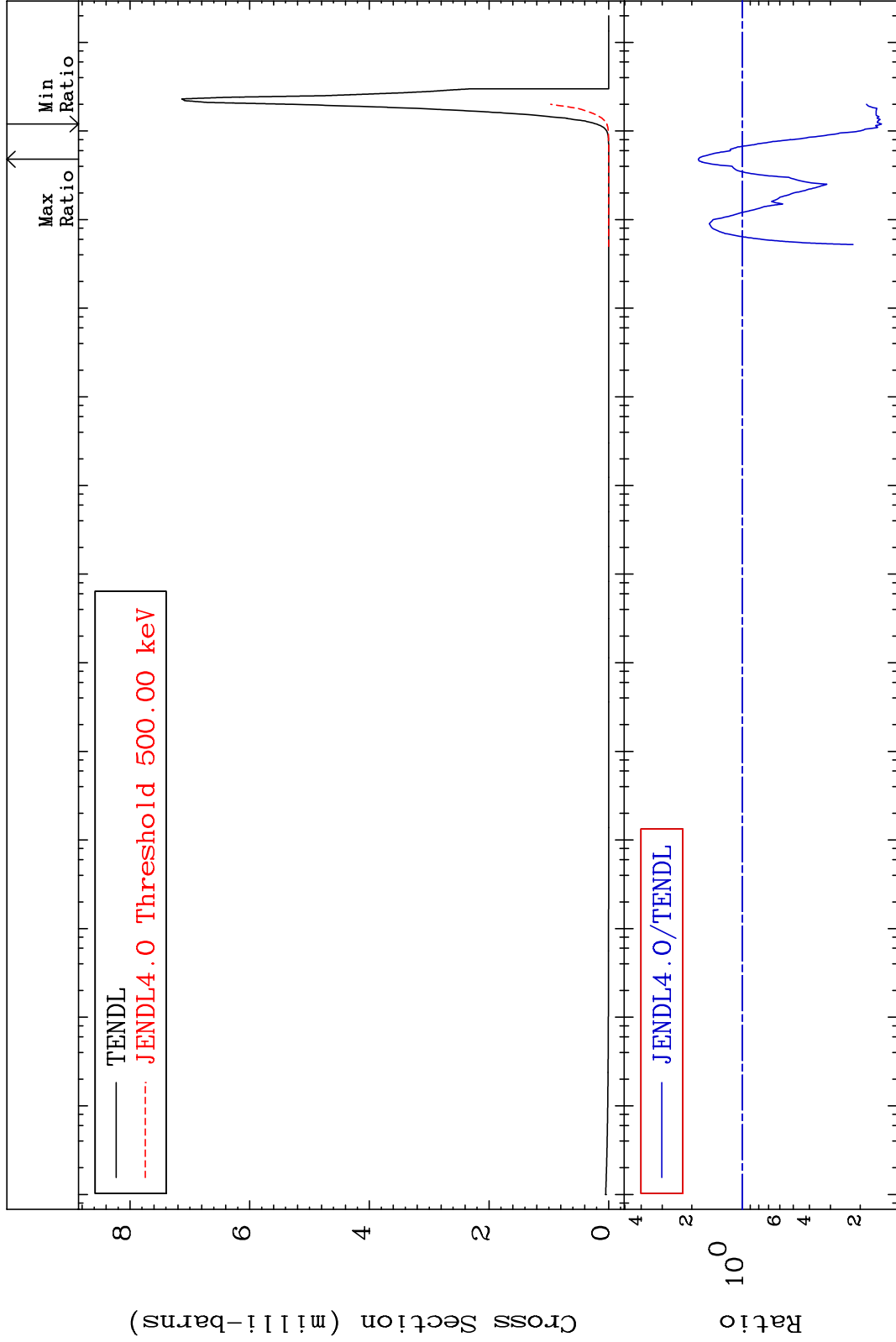
MAT 7328

(n, α)

⁷³Ta-181

Cross Section

-85.08 To 82.95 %



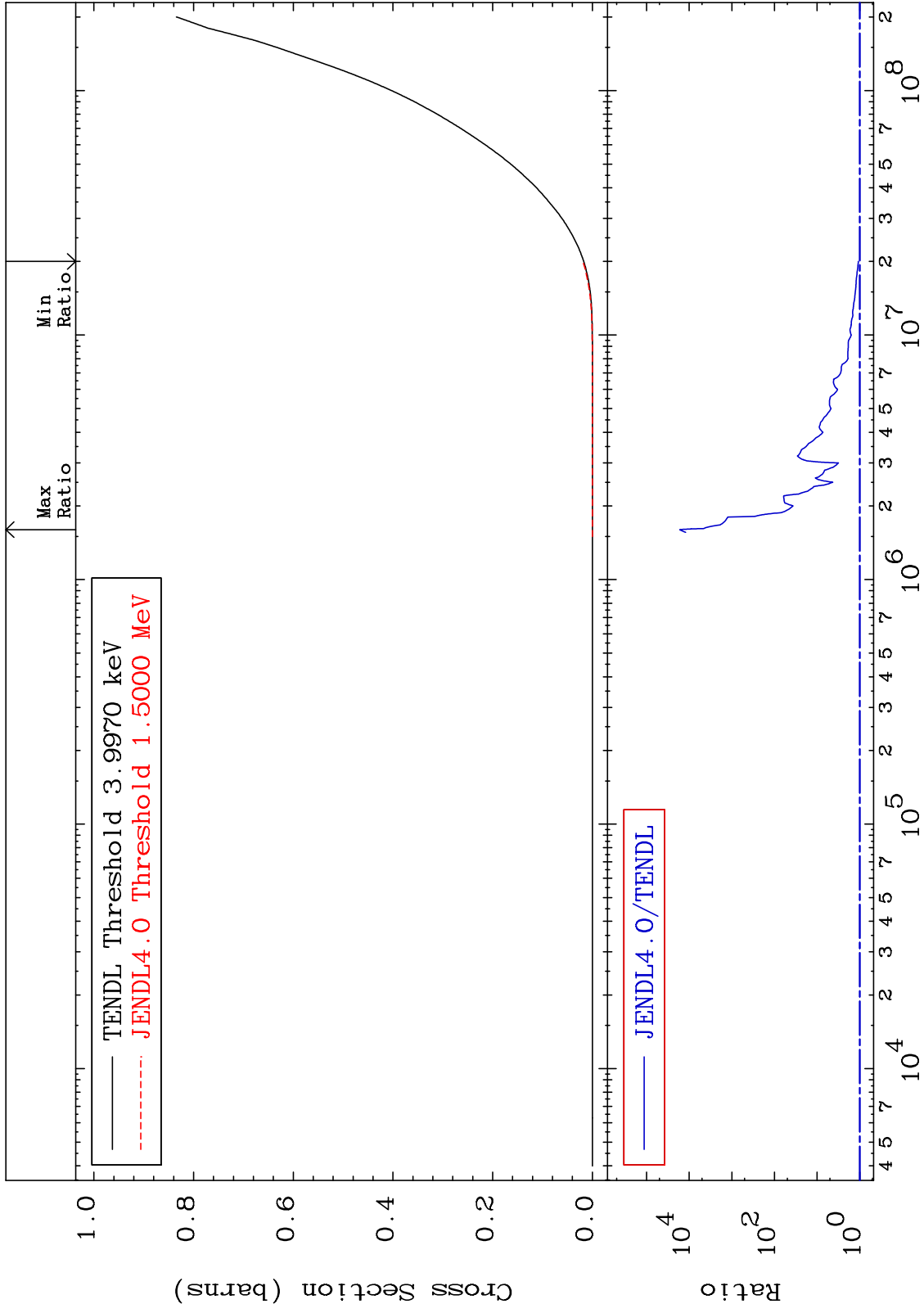
Incident Energy (eV)

⁷³Ta-181

MAT 7328

Hydrogen Production
Cross Section

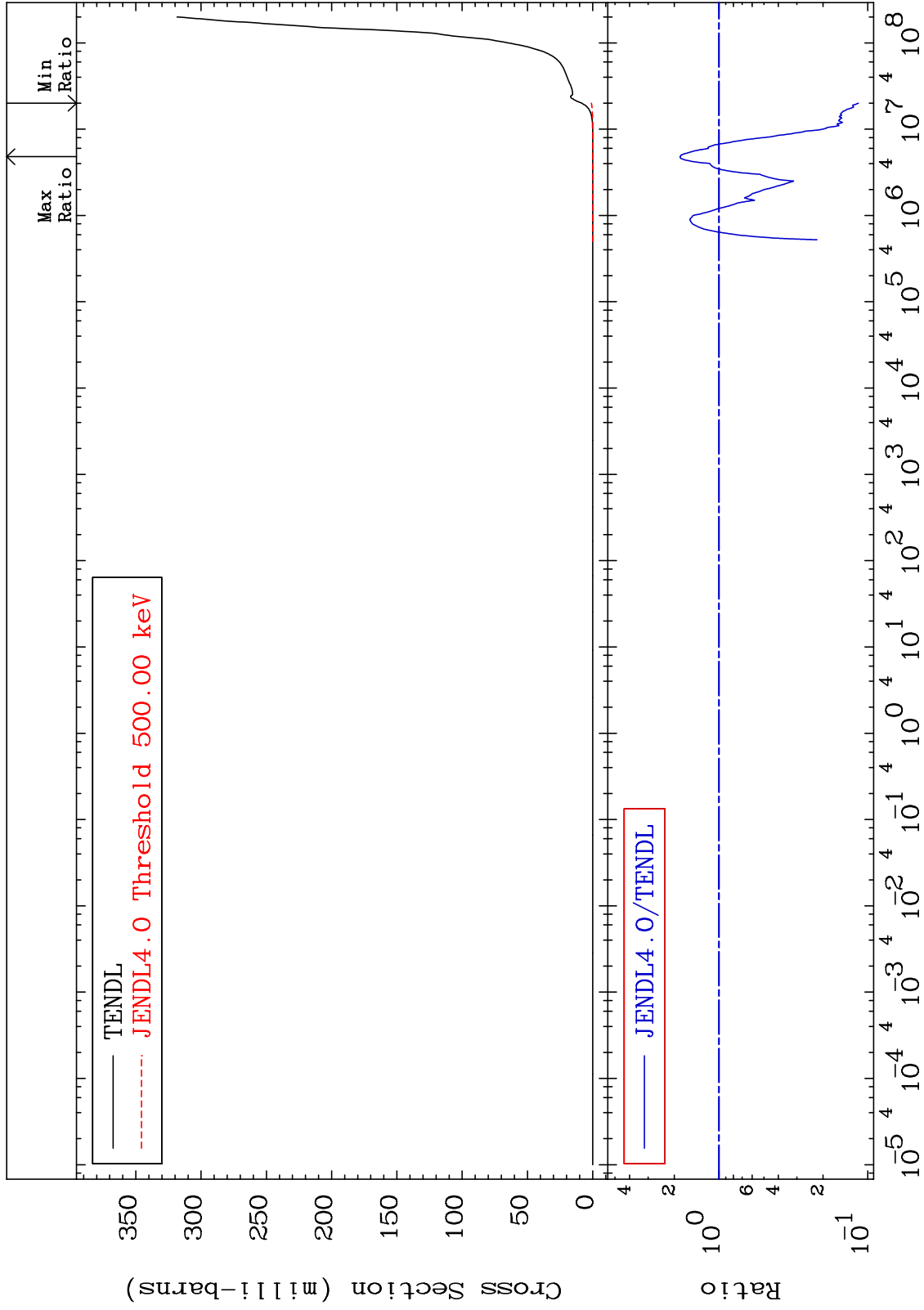
73-Ta-181
7.696 To 9999. %



MAT 7328

He-4 Production
Cross Section

⁷³Ta-181
-88.43 To 82.95 %



Incident Energy (eV)

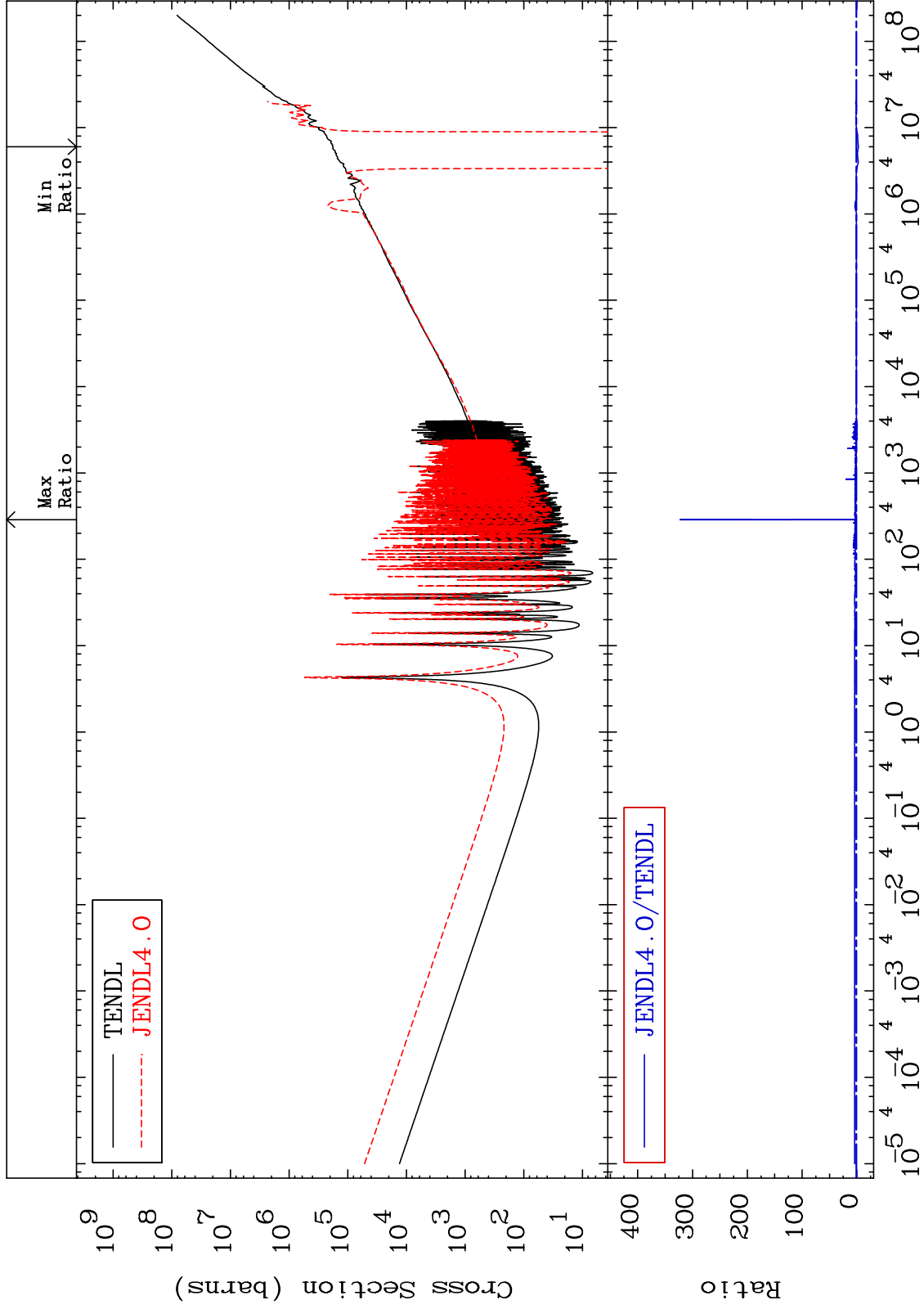
⁷³Ta-181

26

MAT 7328

Kerma total (eV-barns)
Cross Section

73-Ta-181
-376.8 To 9999. %



27

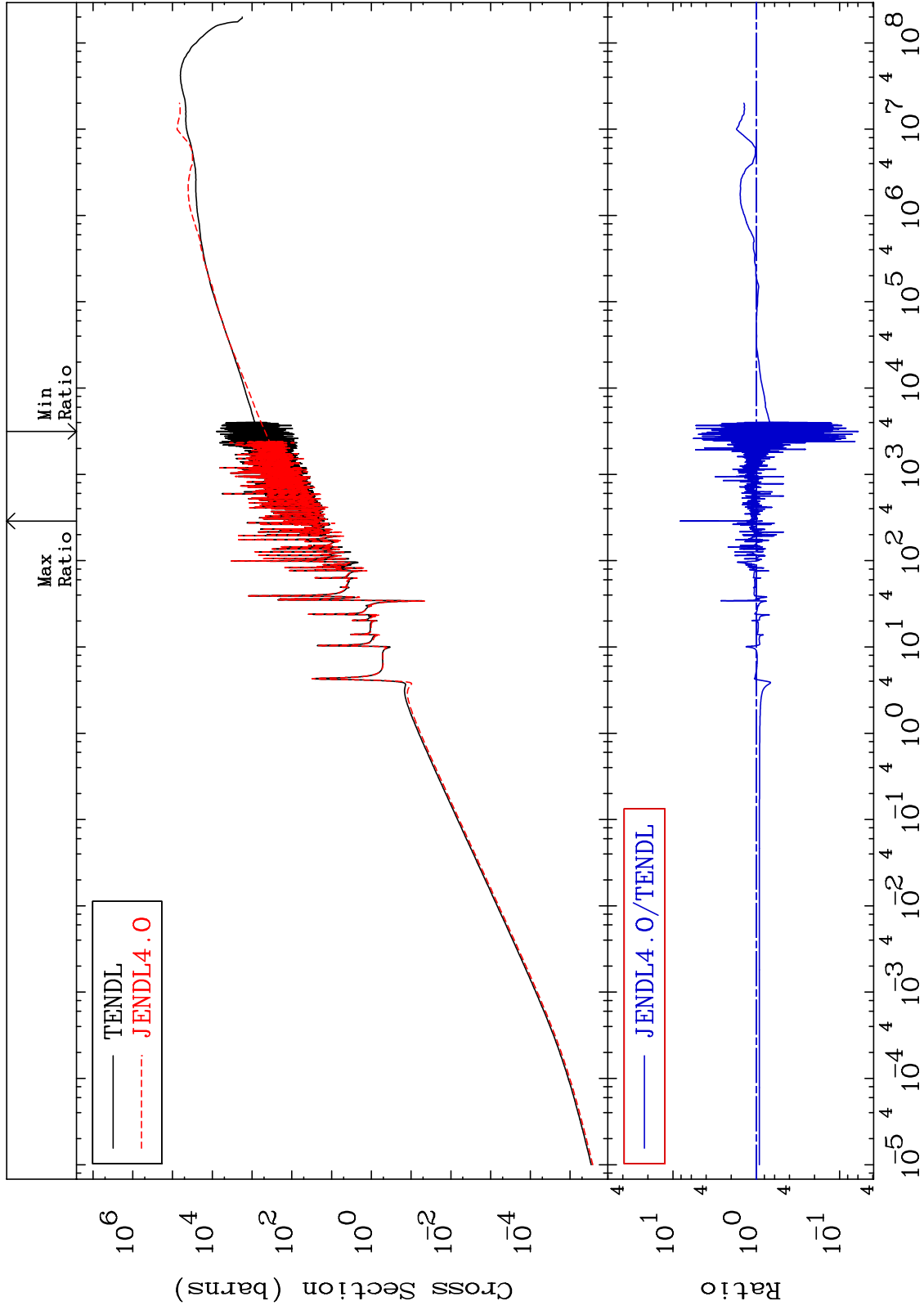
Incident Energy (eV)

73-Ta-181

MAT 7328

Kerma elastic
Cross Section

⁷³Ta-181
-94.06 To 721.5 %



28

Incident Energy (eV)

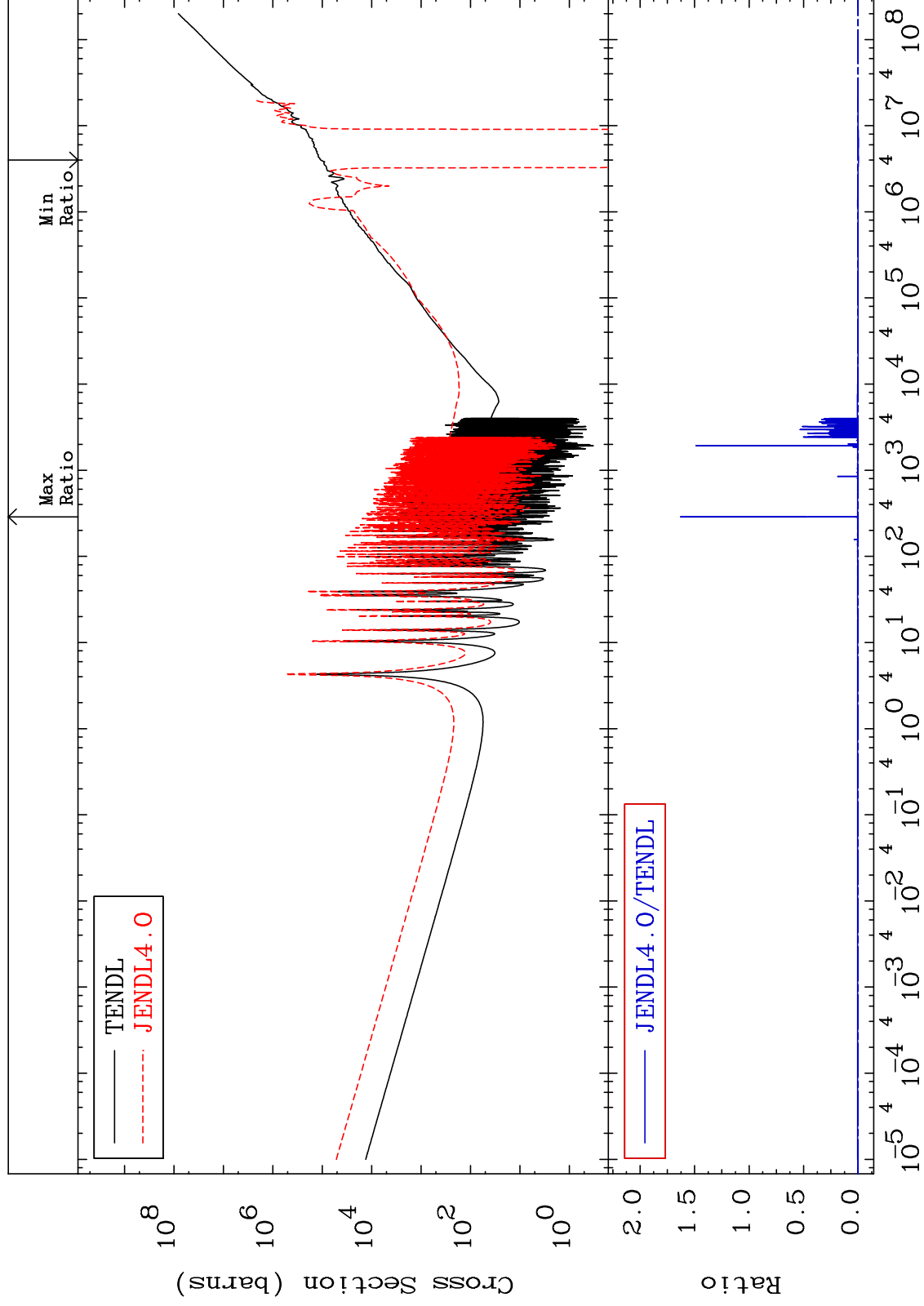
⁷³Ta-181

MAT 7328

Kerma non-elastic (all but mt2)
Cross Section

⁷³Ta-181

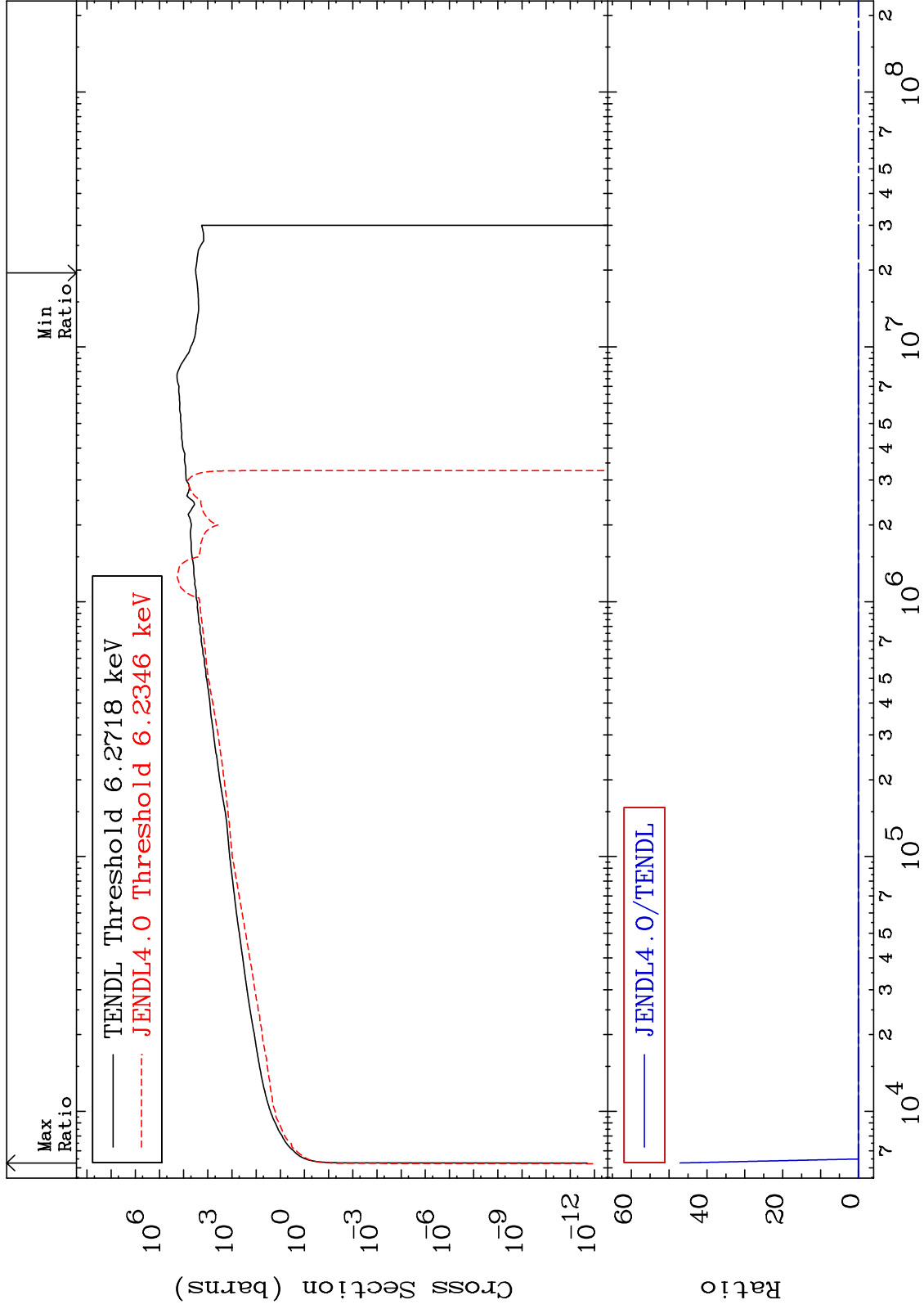
-464.7 To 9999. %



MAT 7328

Kerma inelastic (mt51-91)
Cross Section

⁷³Ta-181
-891.5 To 9999. %



30

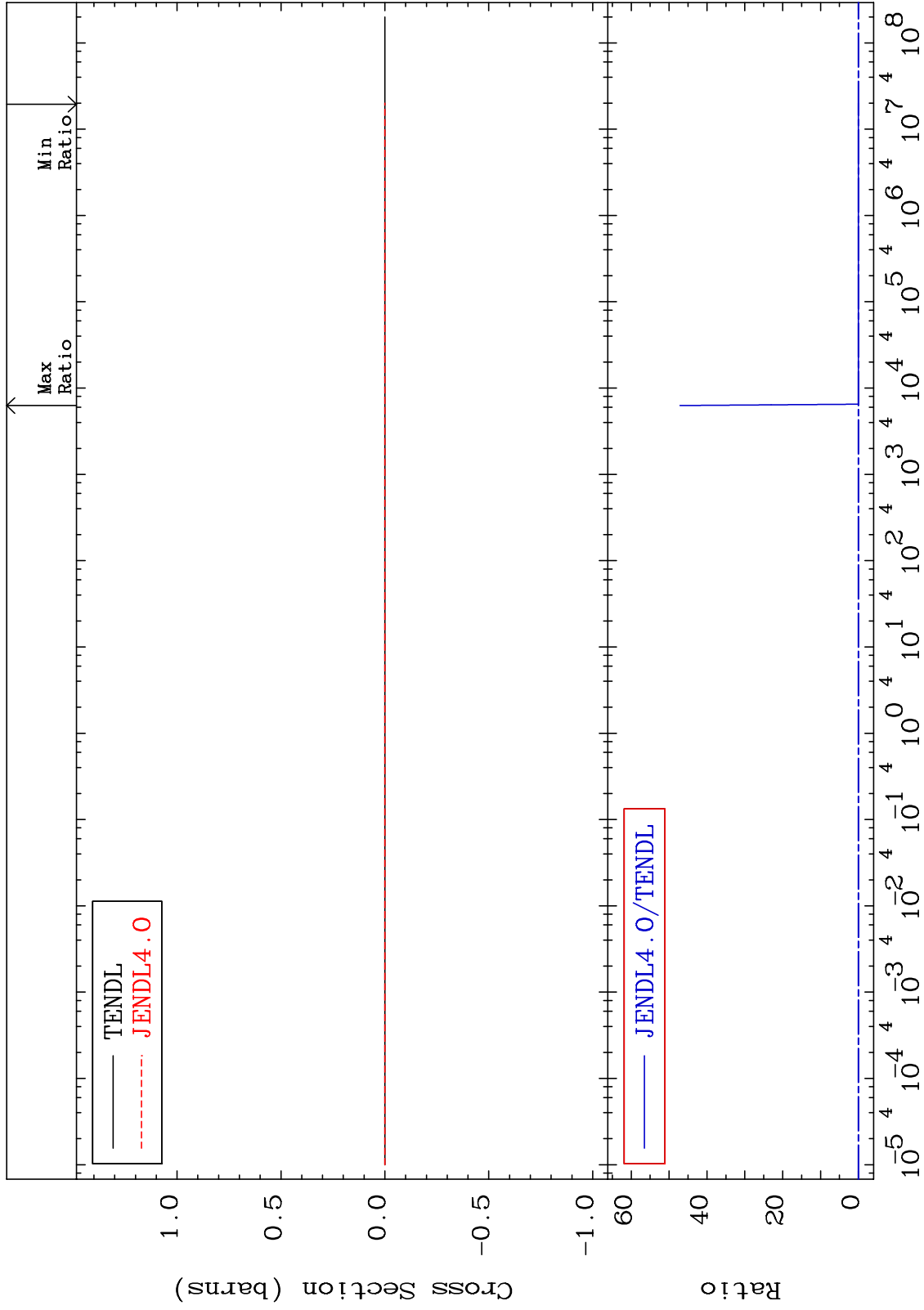
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

73-Ta-181
-891.5 To 9999. %



31

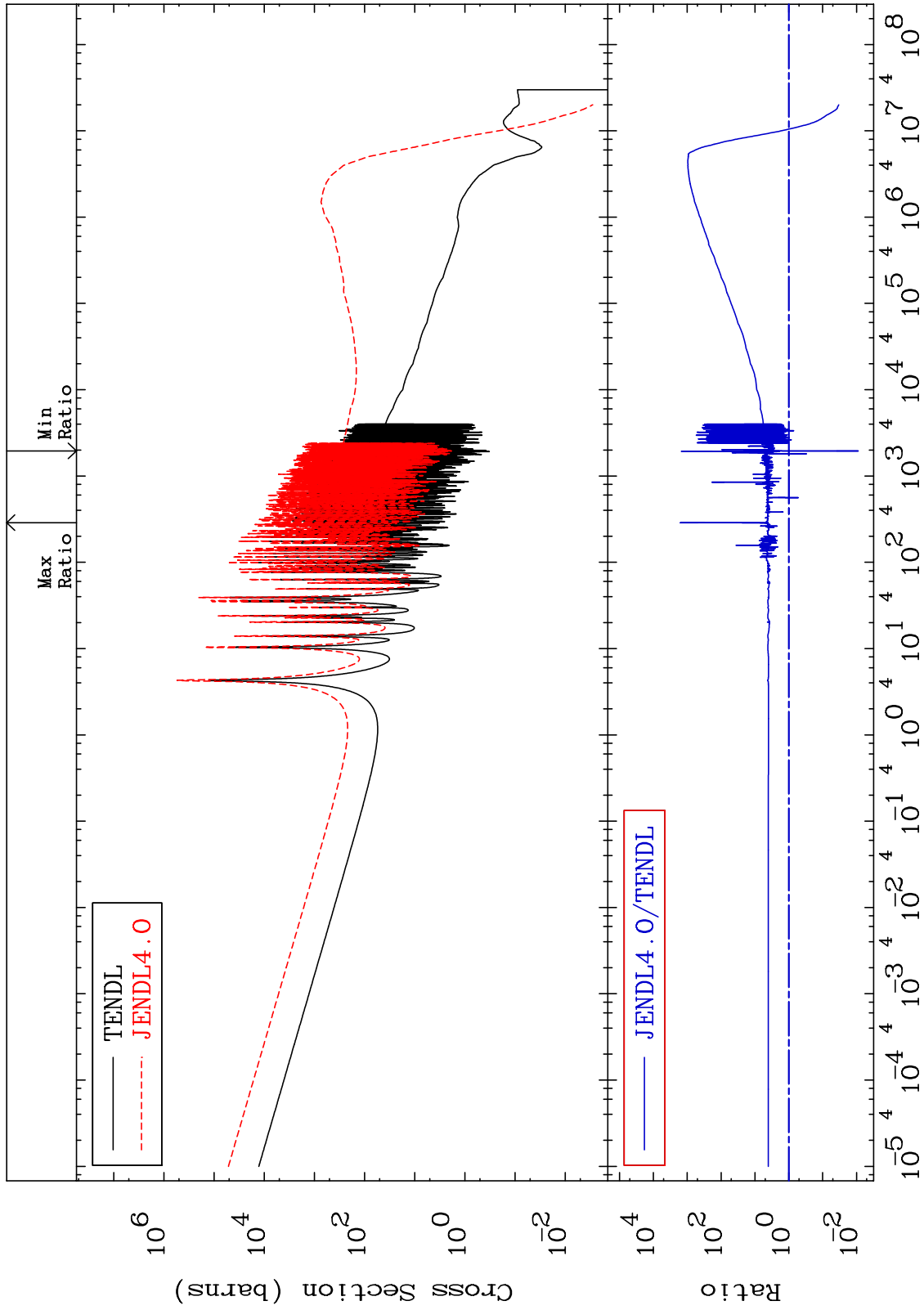
Incident Energy (eV)

73-Ta-181

MAT 7328

Kerma capture (mt102)
Cross Section

73-Ta-181
-99.12 To 9999. %



32

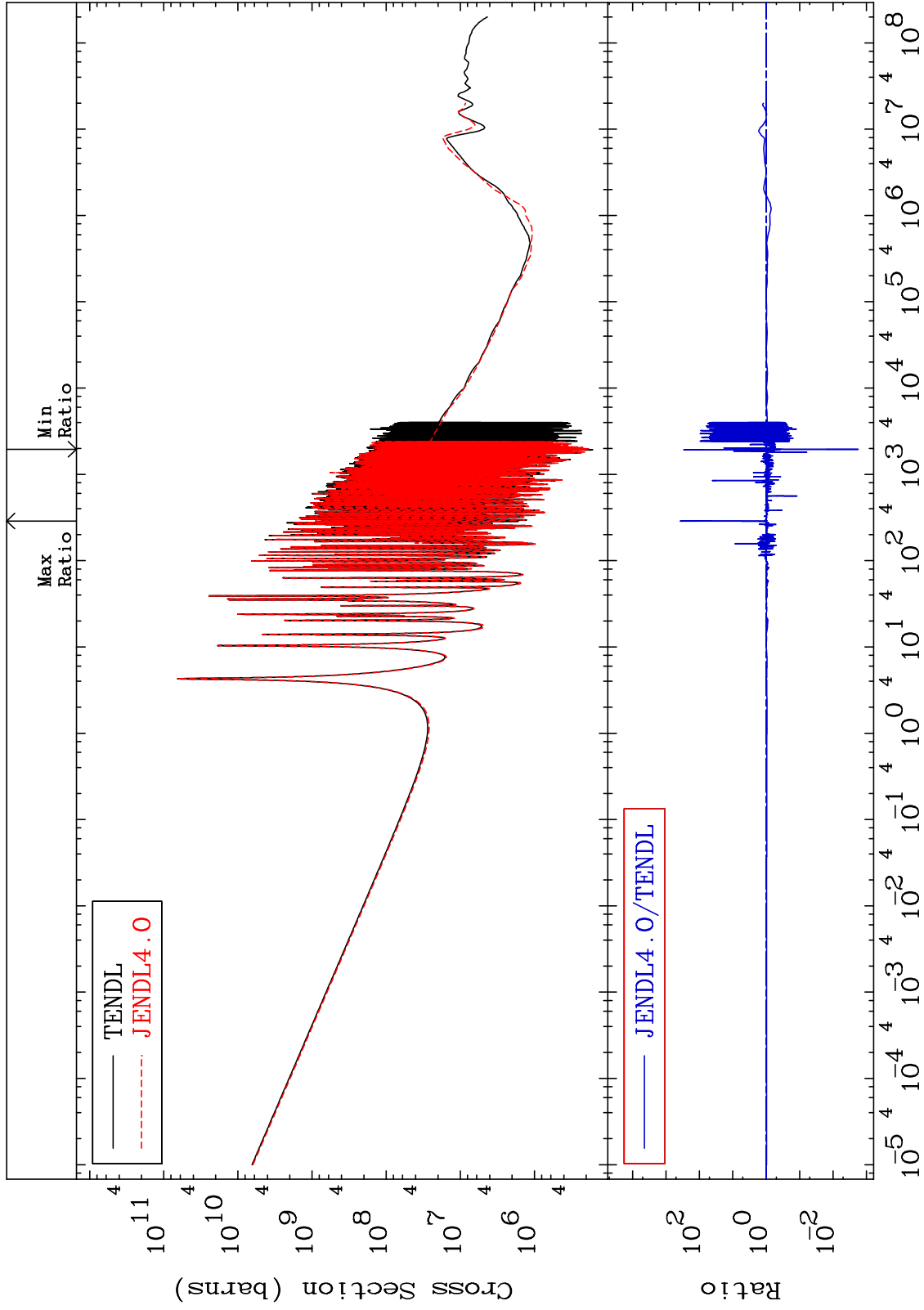
Incident Energy (eV)

73-Ta-181

MAT 7328

Total photon (eV-barns)
Cross Section

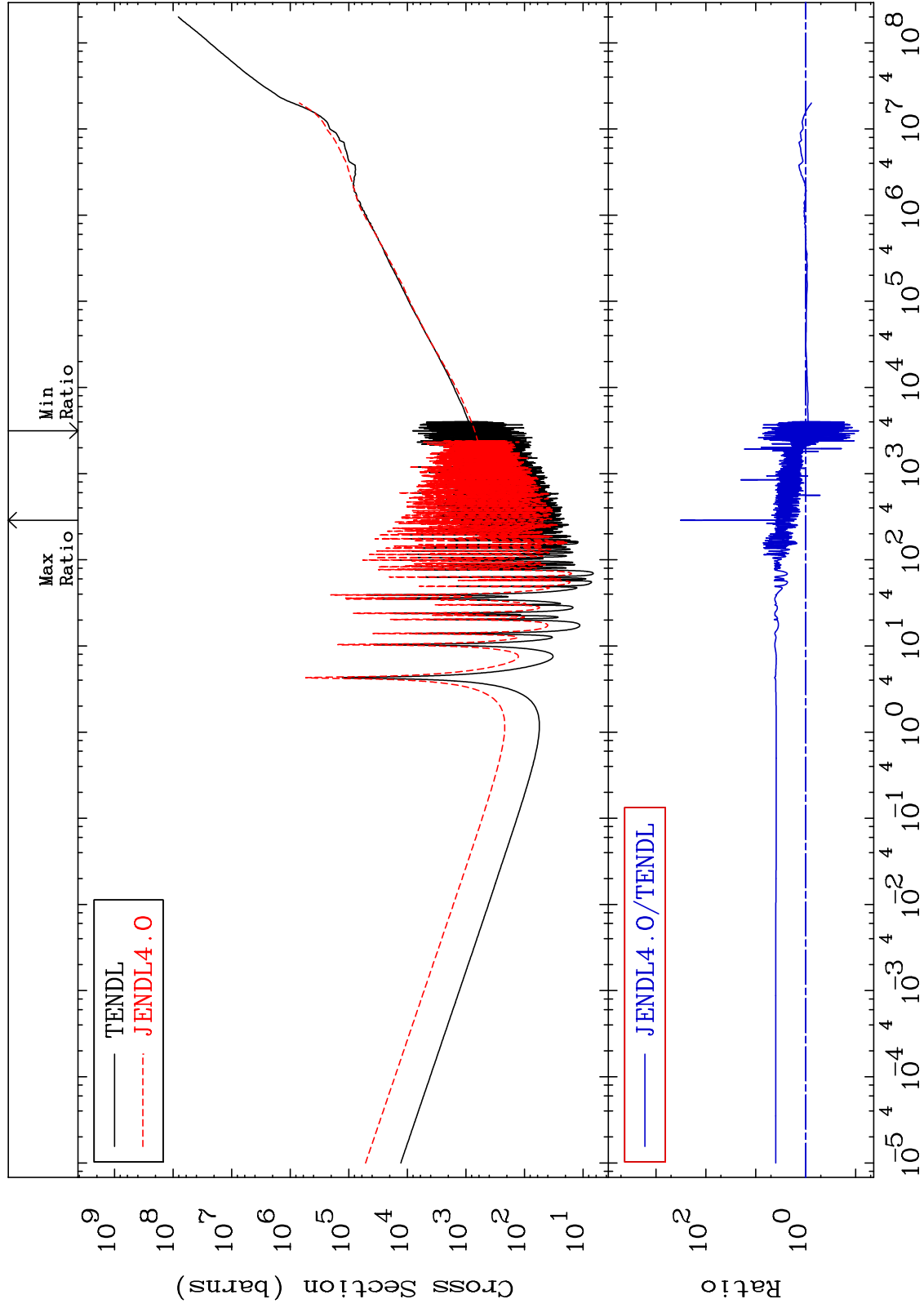
⁷³Ta-181
-99.83 To 9999. %



MAT 7328

Total kinematic kerma (high limit)
Cross Section

73-Ta-181
-91.22 To 9999. %



34

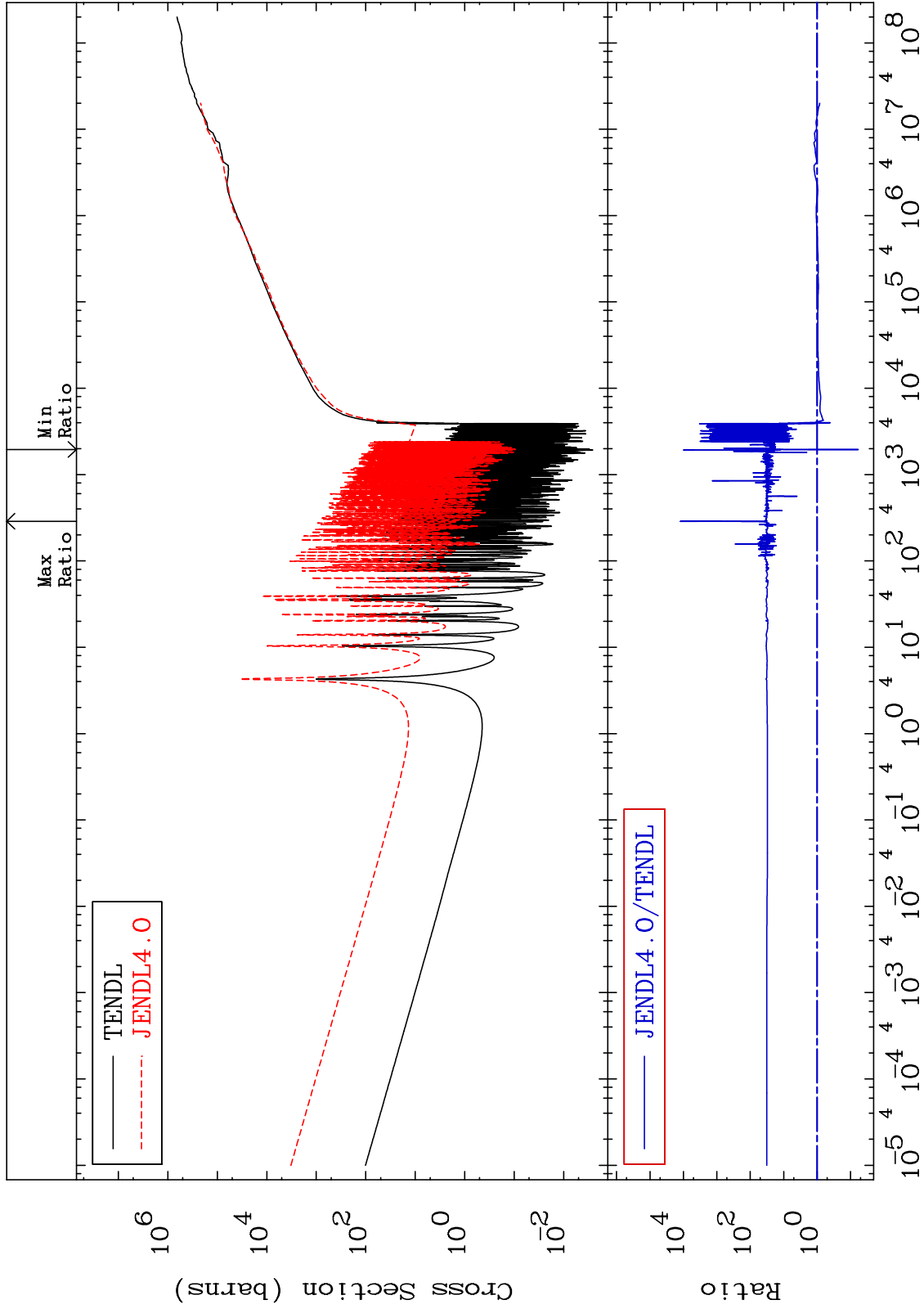
Incident Energy (eV)

73-Ta-181

MAT 7328

Dpa total (eV-barns)
Cross Section

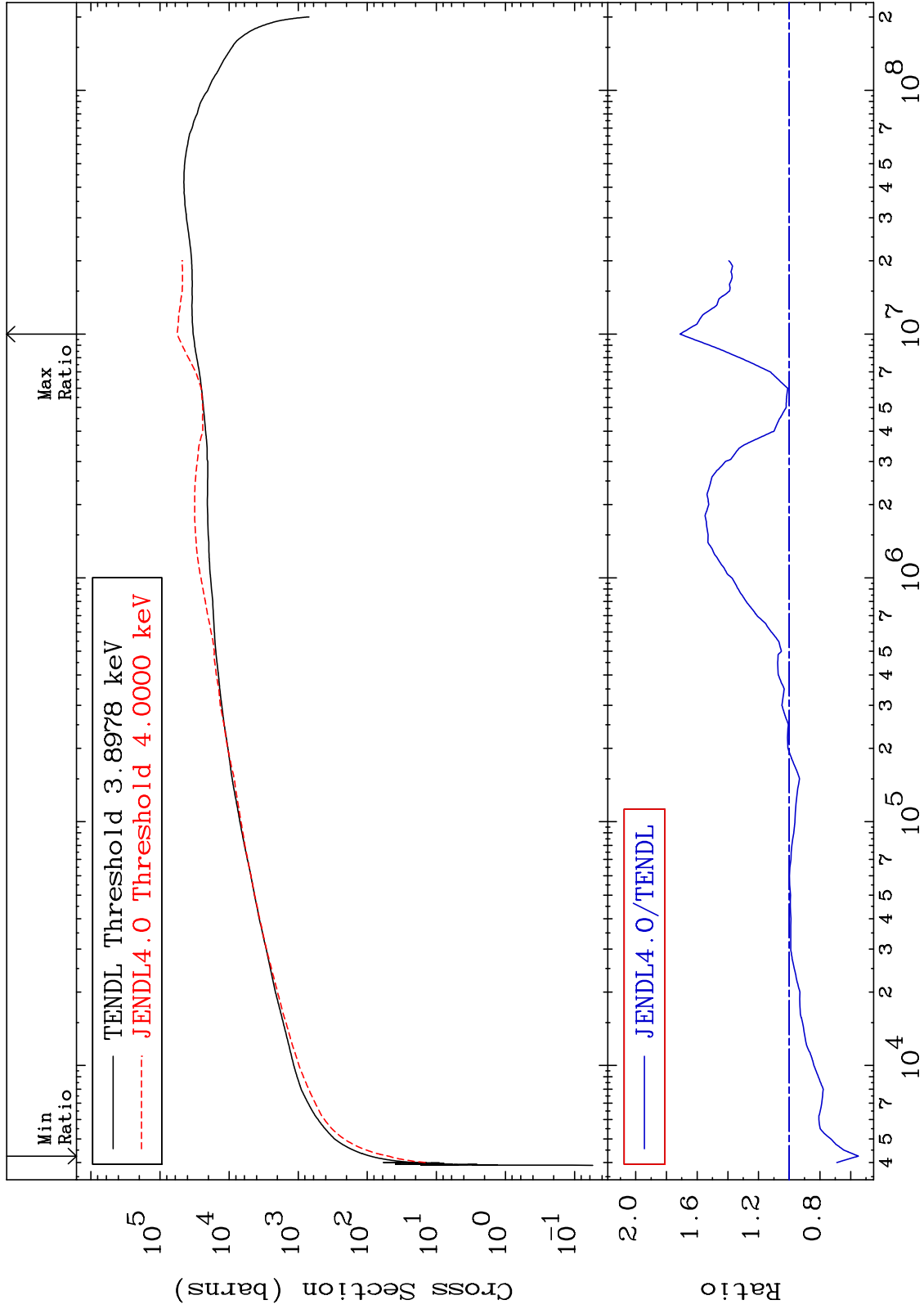
73-Ta-181
-94.19 To 9999. %



MAT 7328

Dpa elastic (mt2)
Cross Section

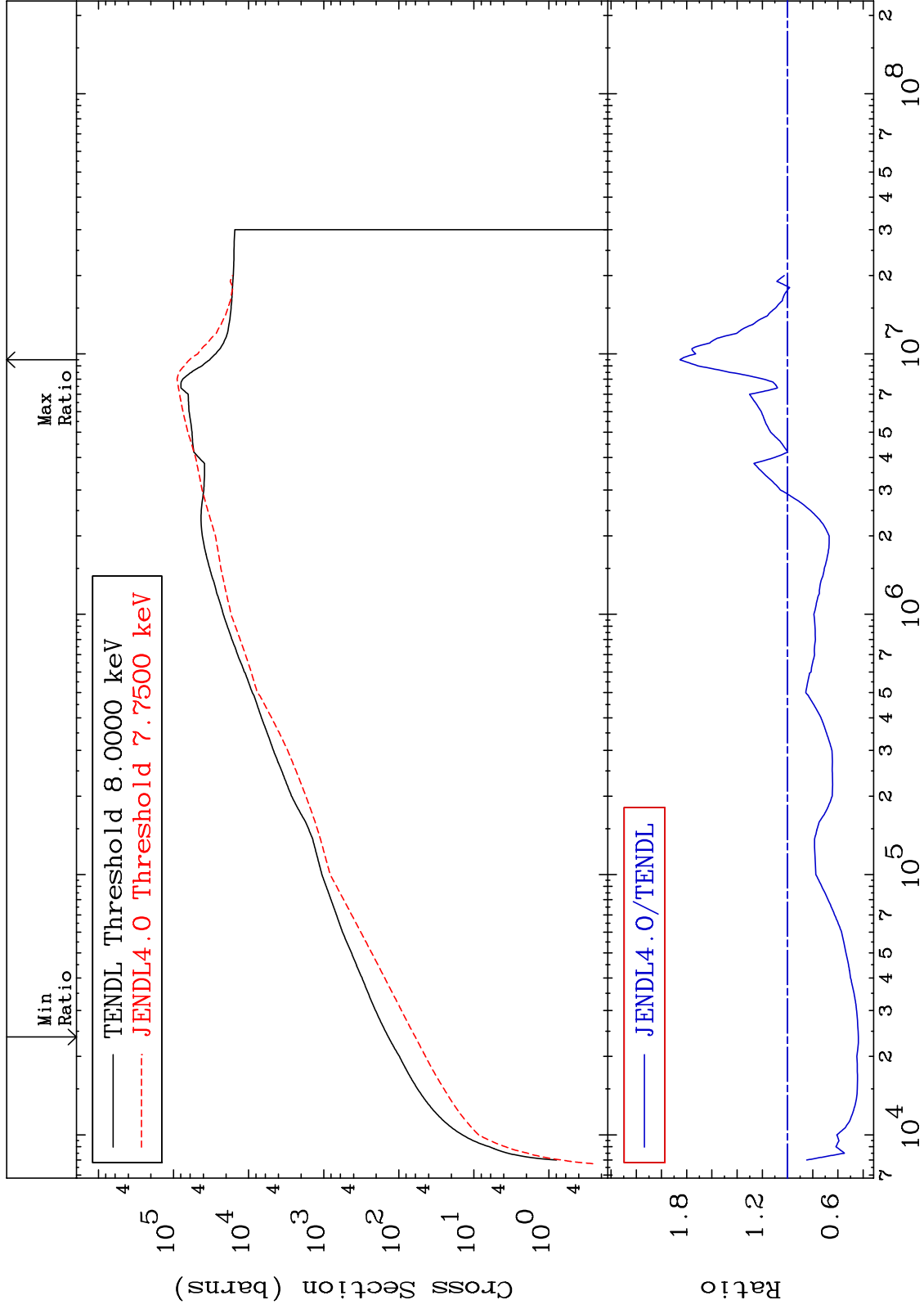
⁷³Ta-181
-45.07 To 71.16 %



MAT 7328

Dpa inelastic (mt51-91)
Cross Section

73-Ta-181
-56.27 To 85.30 %



37

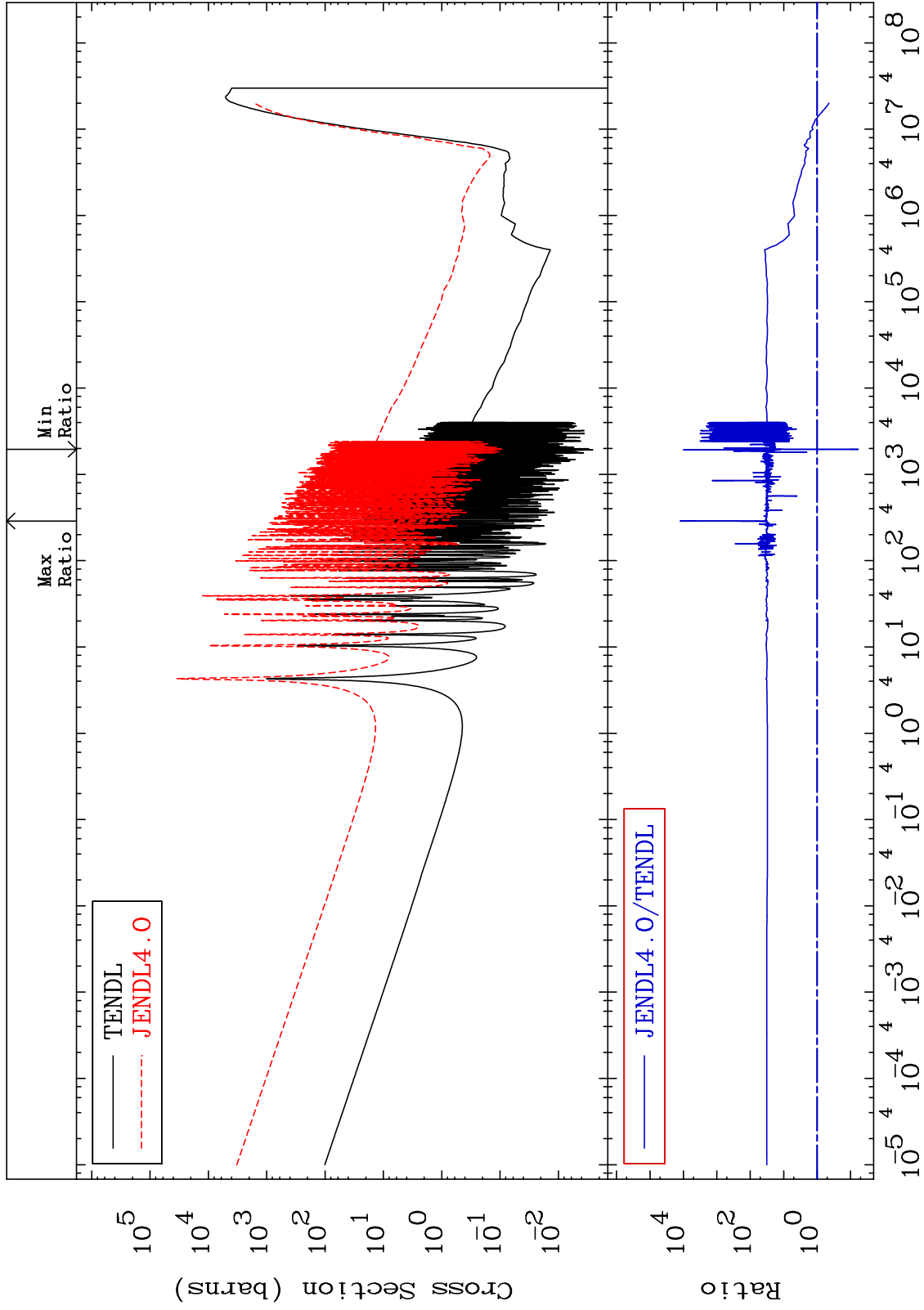
Incident Energy (eV)

73-Ta-181

MAT 7328

Dpa disappearance (mt102 -120)
Cross Section

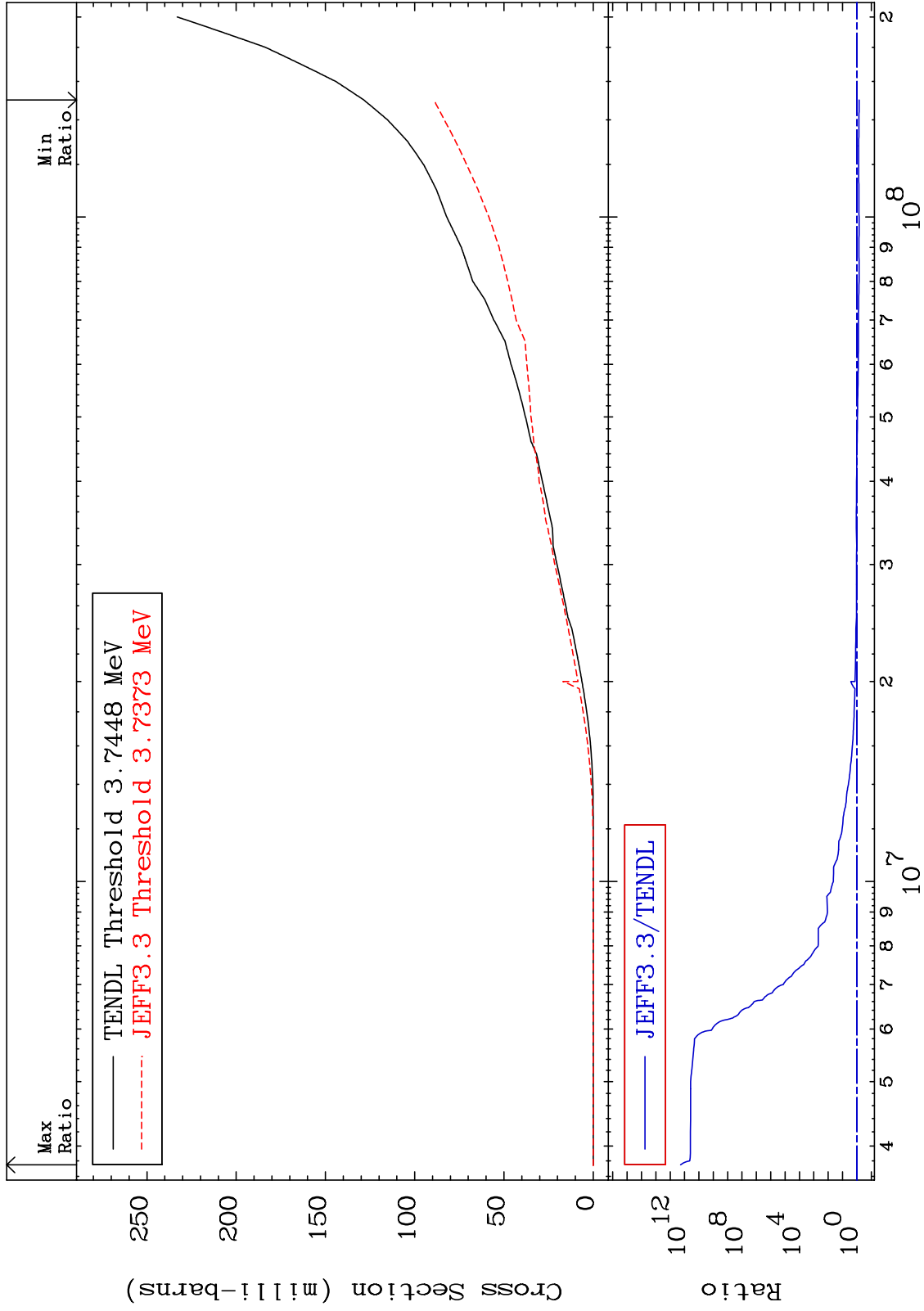
⁷³Ta-181
-94.19 To 9999. %



MAT 7328

Deuterium Production
Cross Section

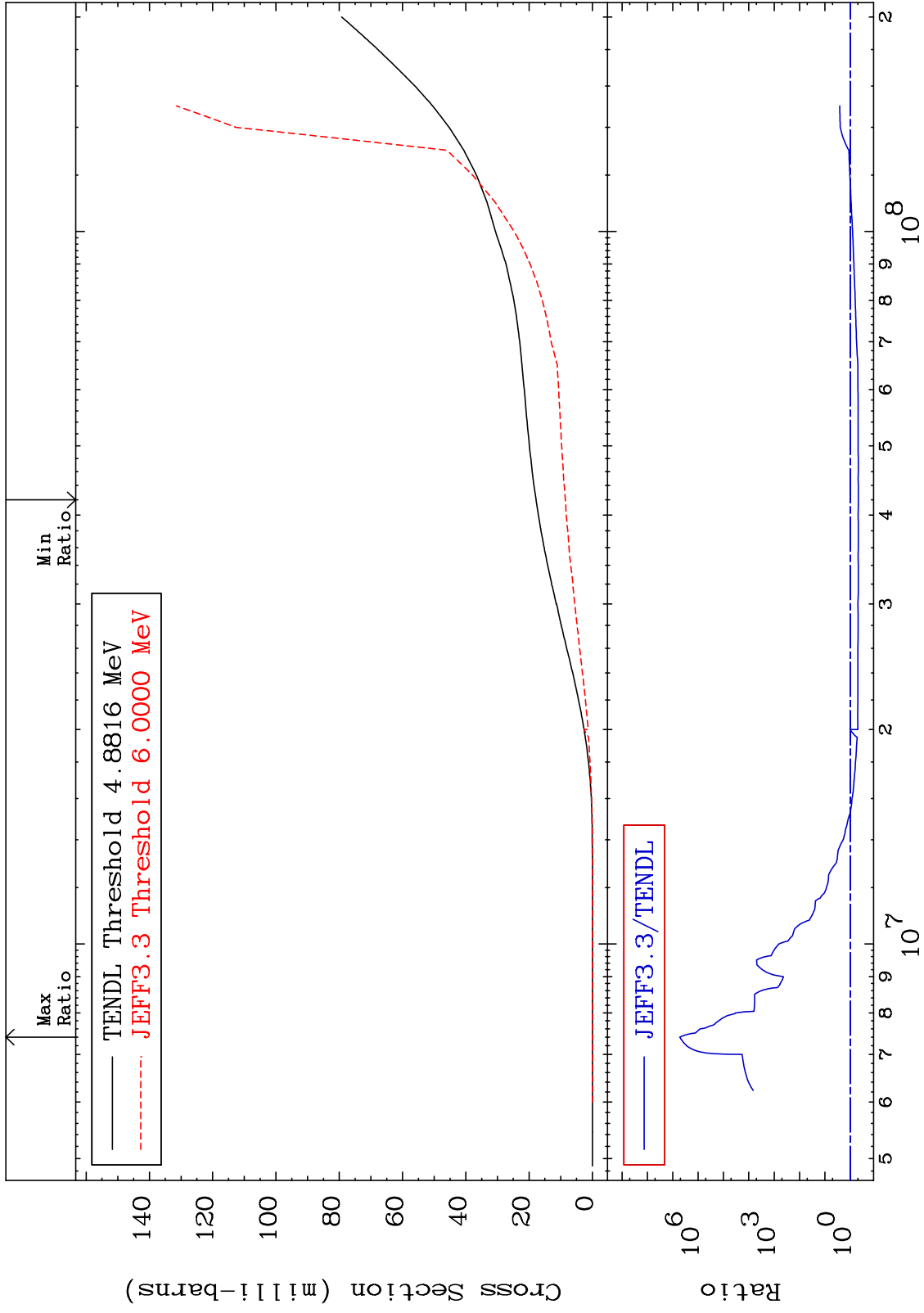
⁷³Ta-181
-30.52 To 9999. %



MAT 7328

Tritium Production
Cross Section

$^{73}\text{Ta-181}$
-52.12 To 9999. %



40

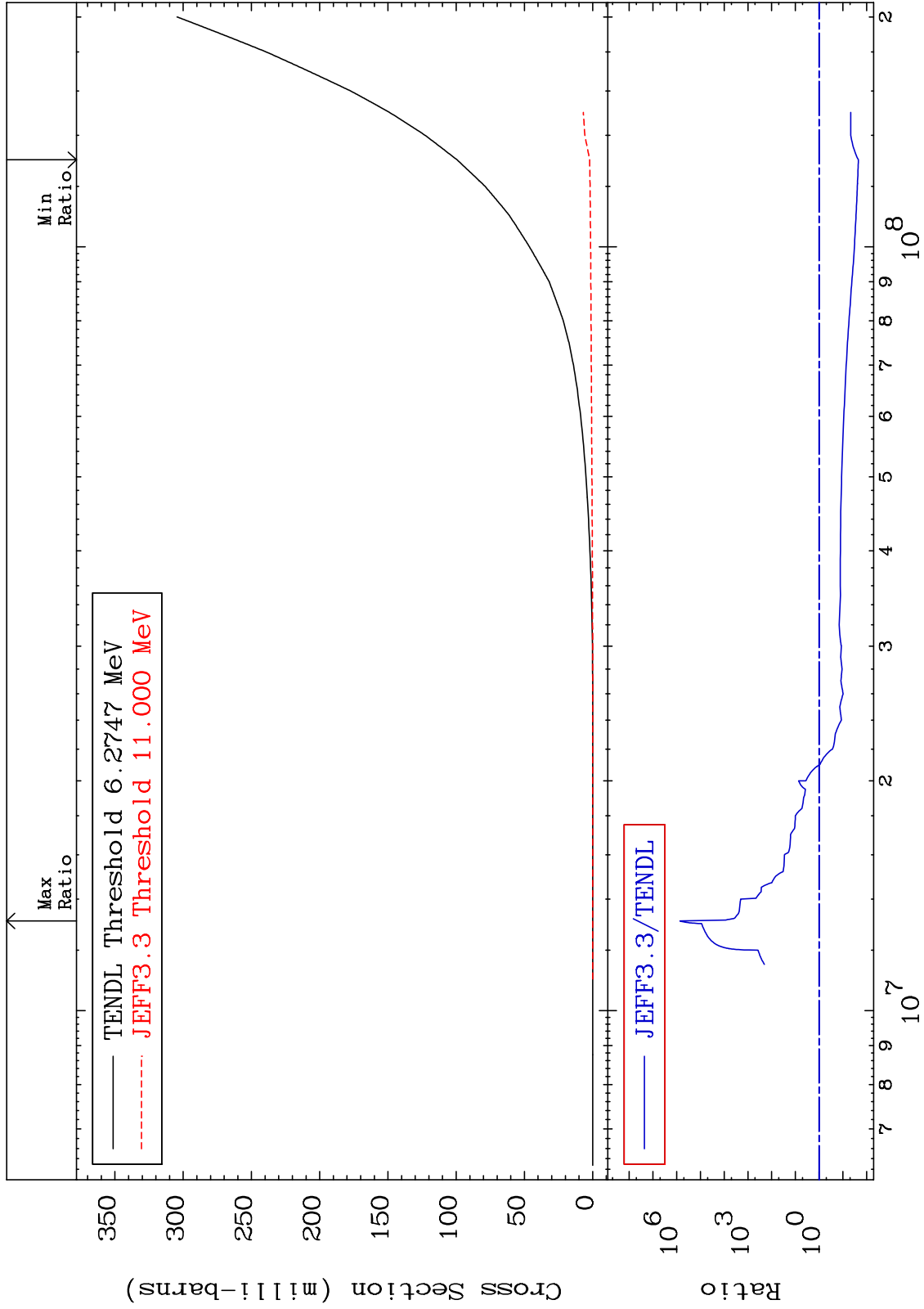
Incident Energy (eV)

$^{73}\text{Ta-181}$

MAT 7328

He-3 Production
Cross Section

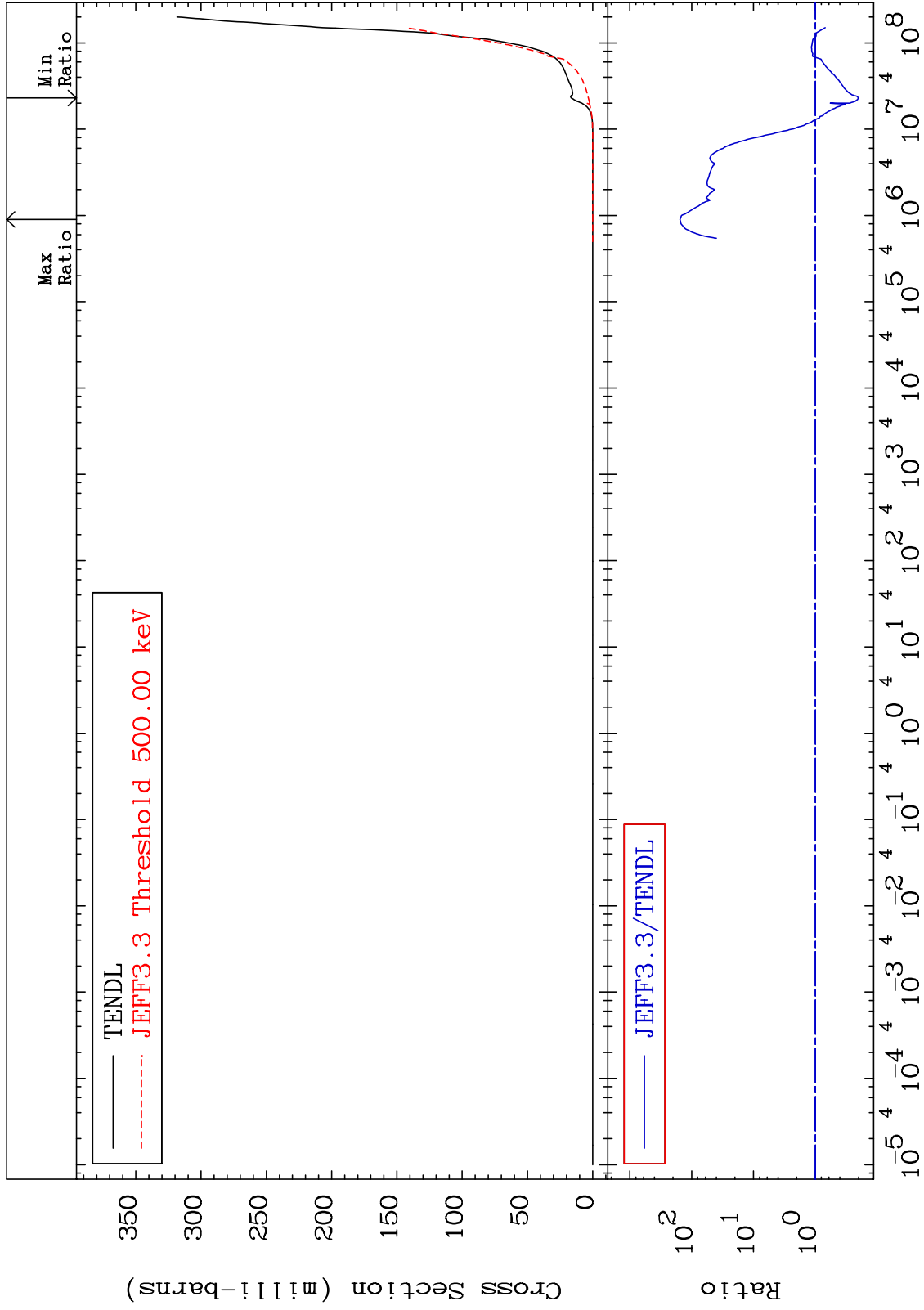
⁷³Ta-181
-97.79 To 9999. %



MAT 7328

He-4 Production
Cross Section

73-Ta-181
-79.92 To 9999. %



42

Incident Energy (eV)

73-Ta-181

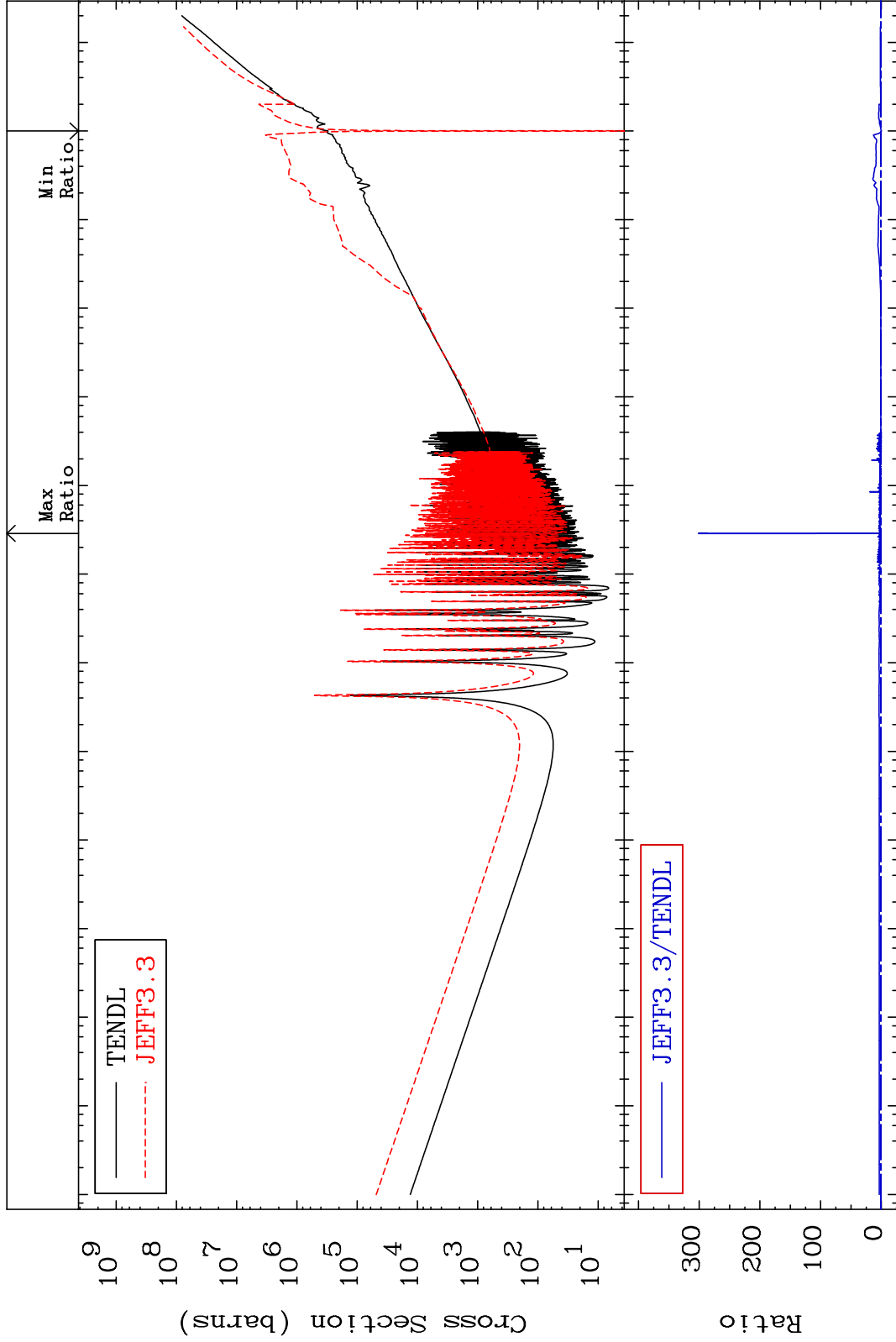
MAT 7328

Kerma total (eV-barns)

⁷³Ta-181

-127.9 To 9999. %

Cross Section



Incident Energy (eV)

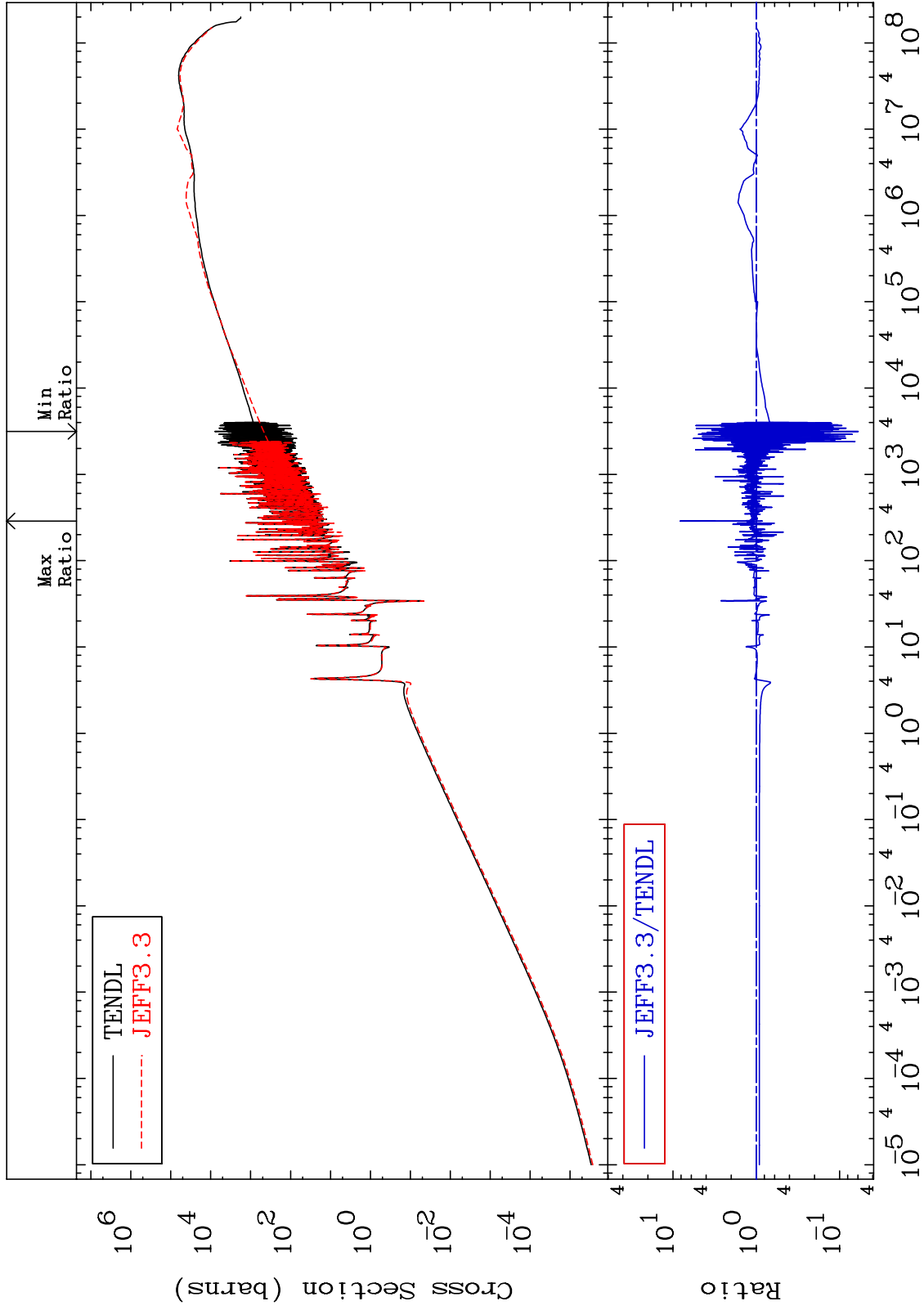
⁷³Ta-181

43

MAT 7328

Kerma elastic
Cross Section

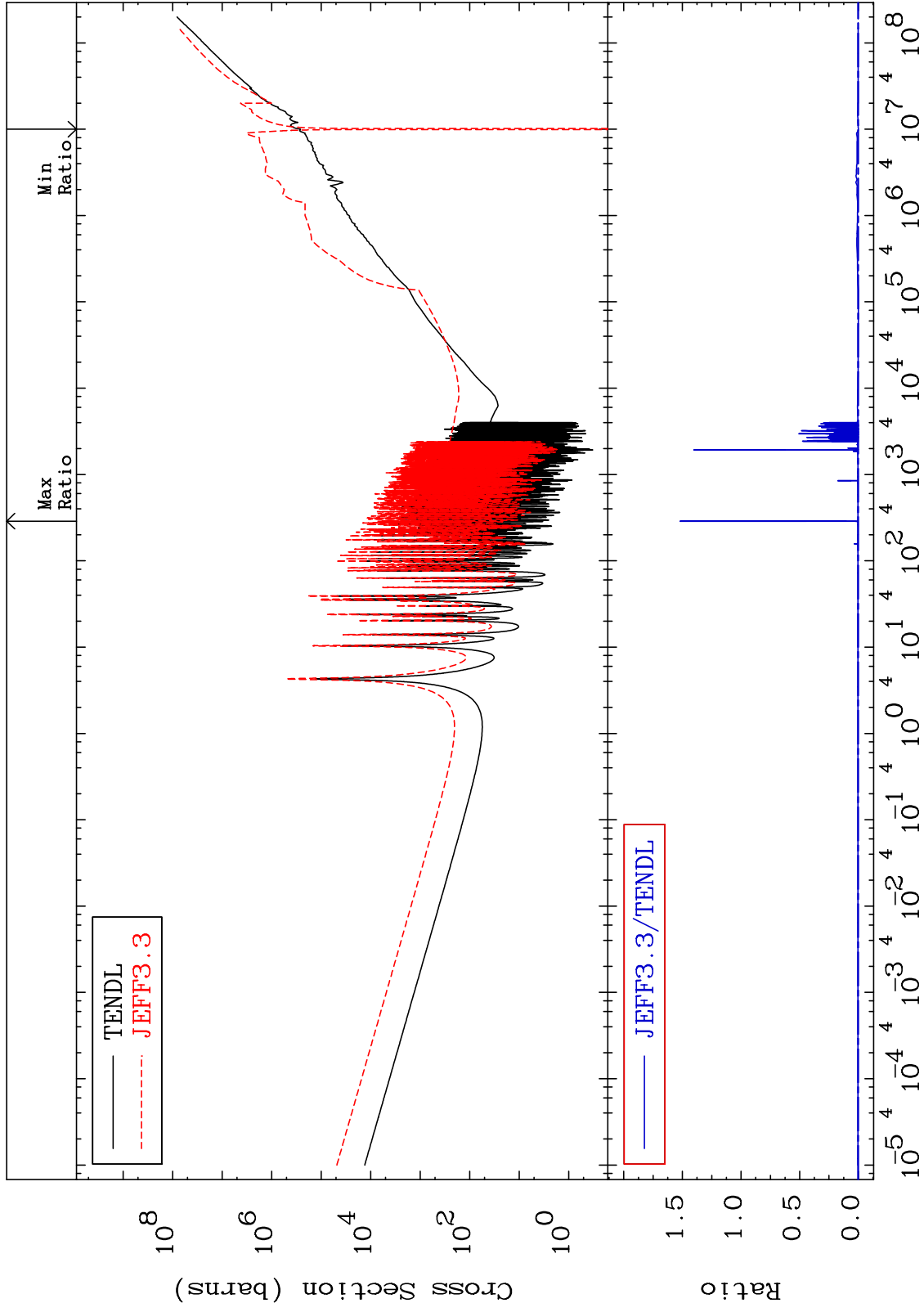
⁷³Ta-181
-94.07 To 721.5 %



MAT 7328

Kerma non-elastic (all but mt2)
Cross Section

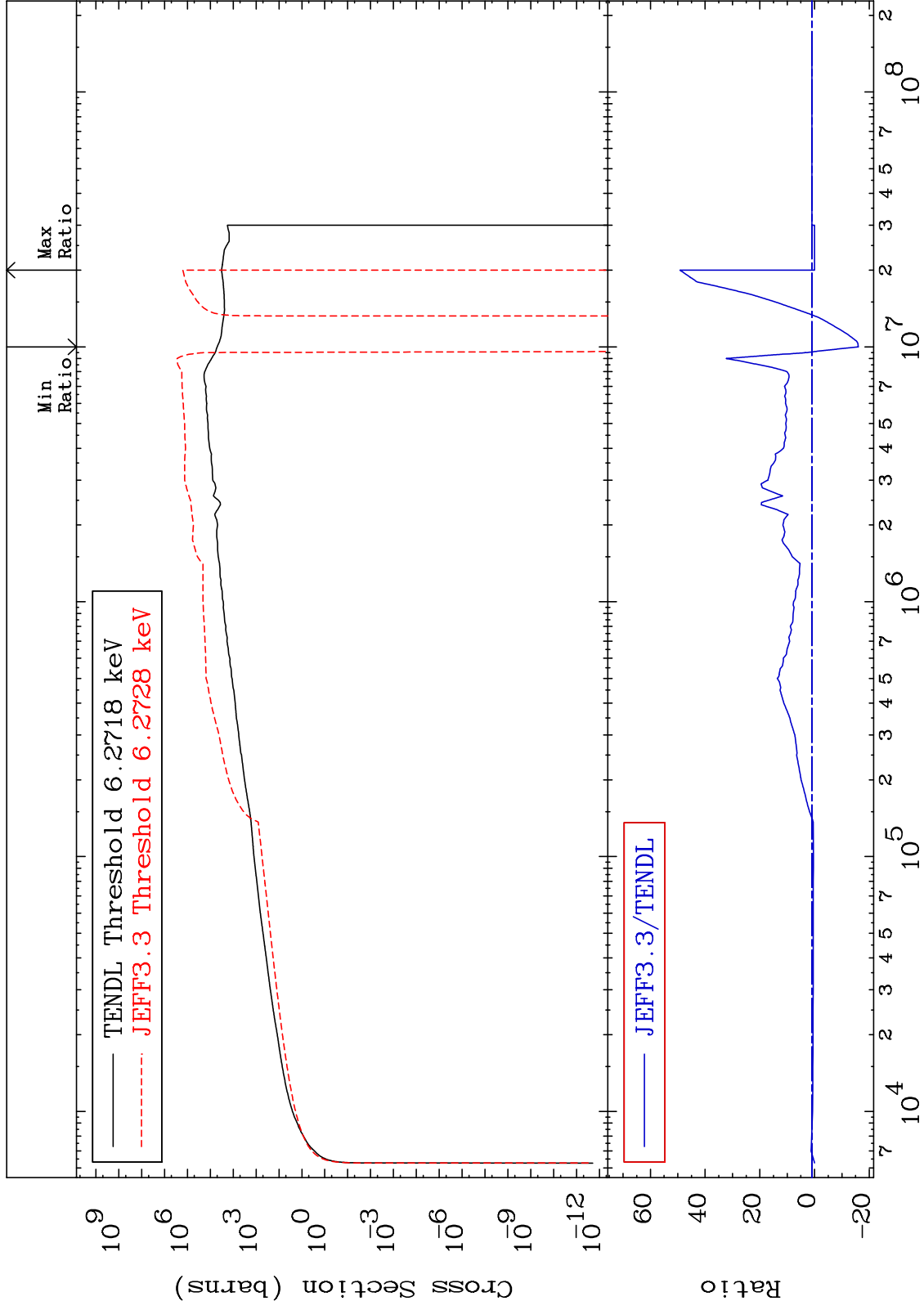
⁷³Ta-181
-159.4 To 9999. %



MAT 7328

Kerma inelastic (mt51-91)
Cross Section

⁷³Ta-181
-1703. To 4817. %



46

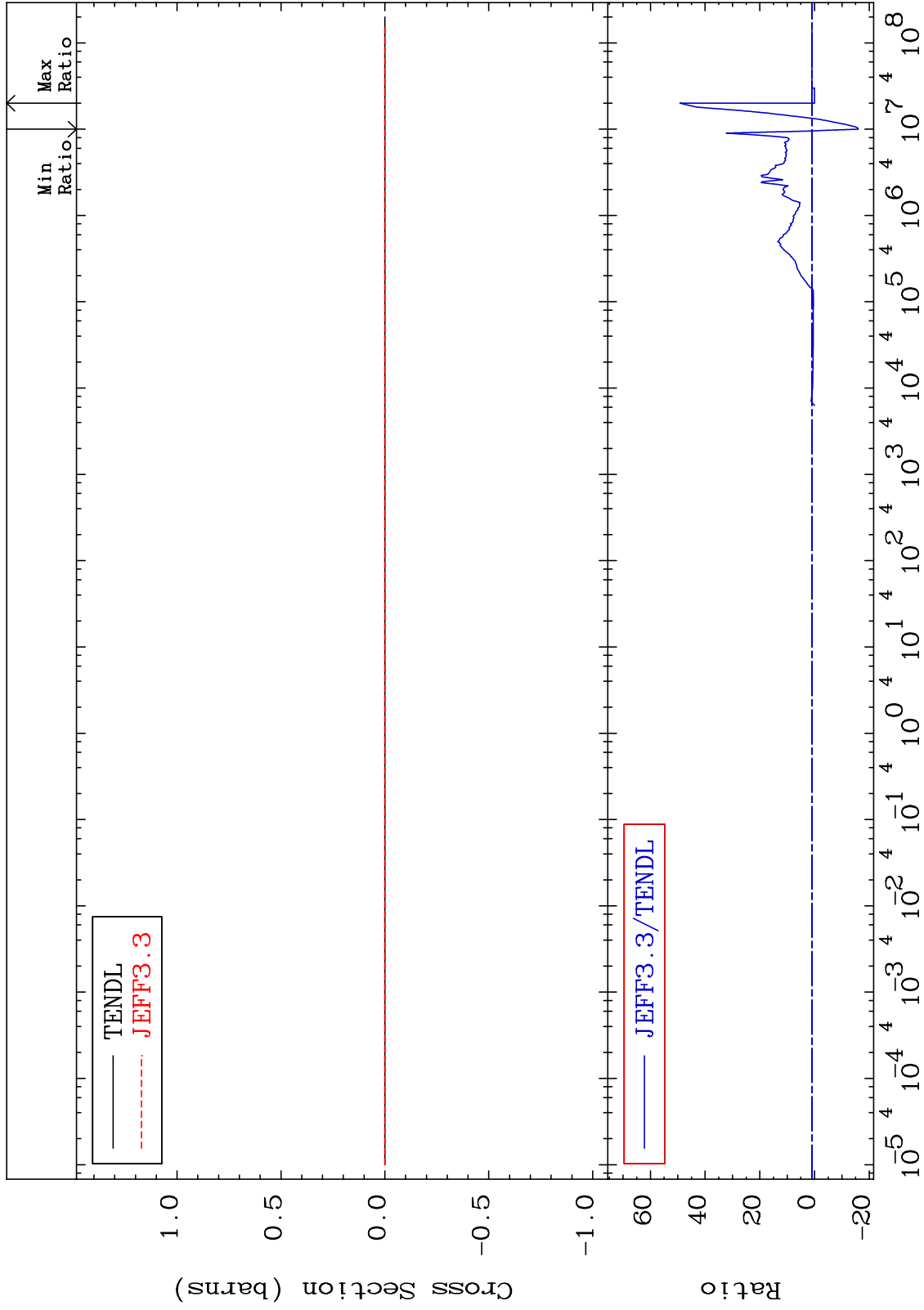
Incident Energy (eV)

⁷³Ta-181

MAT 7328

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

73-Ta-181
-1703. To 4817. %



47

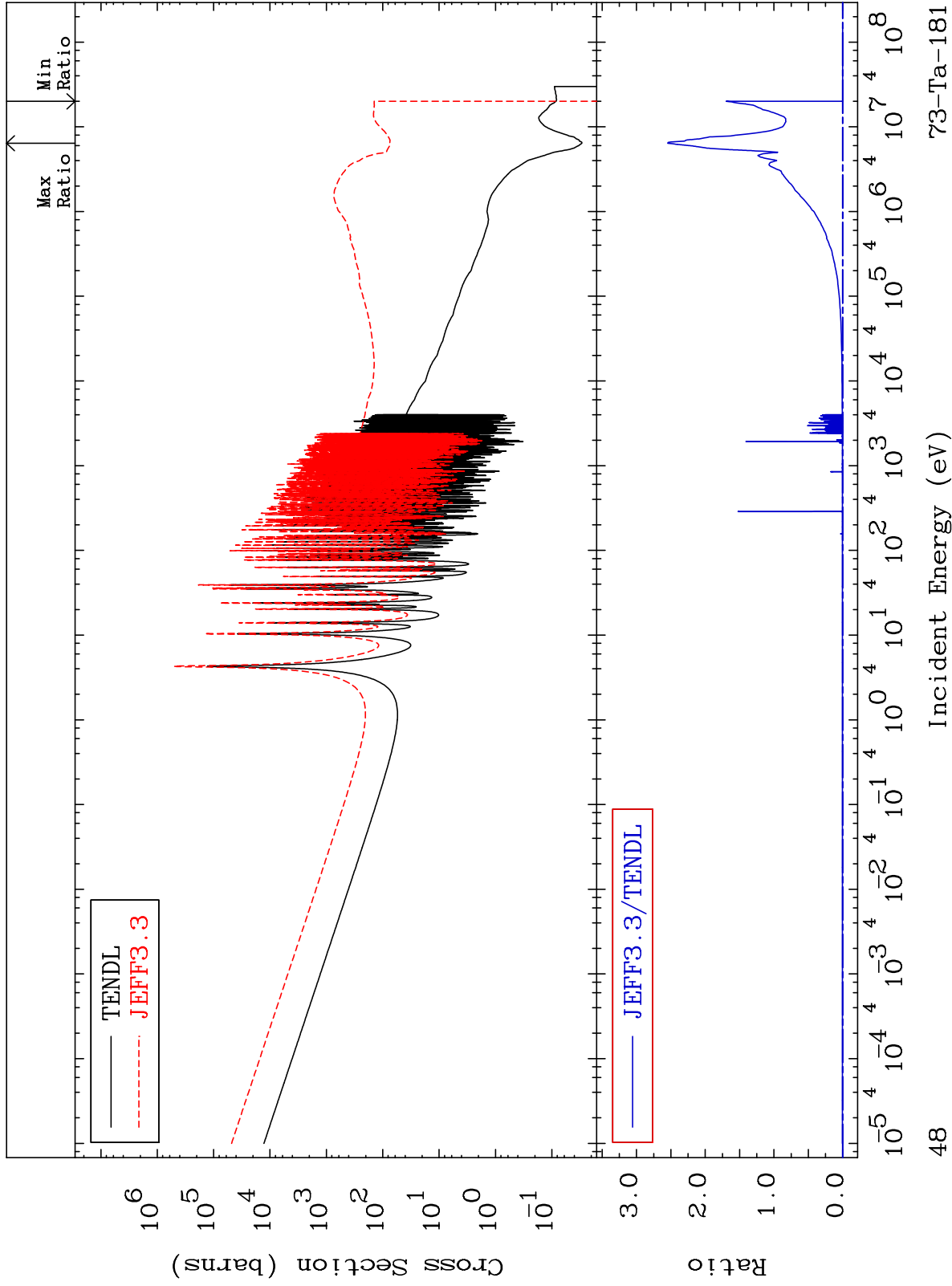
Incident Energy (eV)

73-Ta-181

MAT 7328

Kerma capture (mt102)
Cross Section

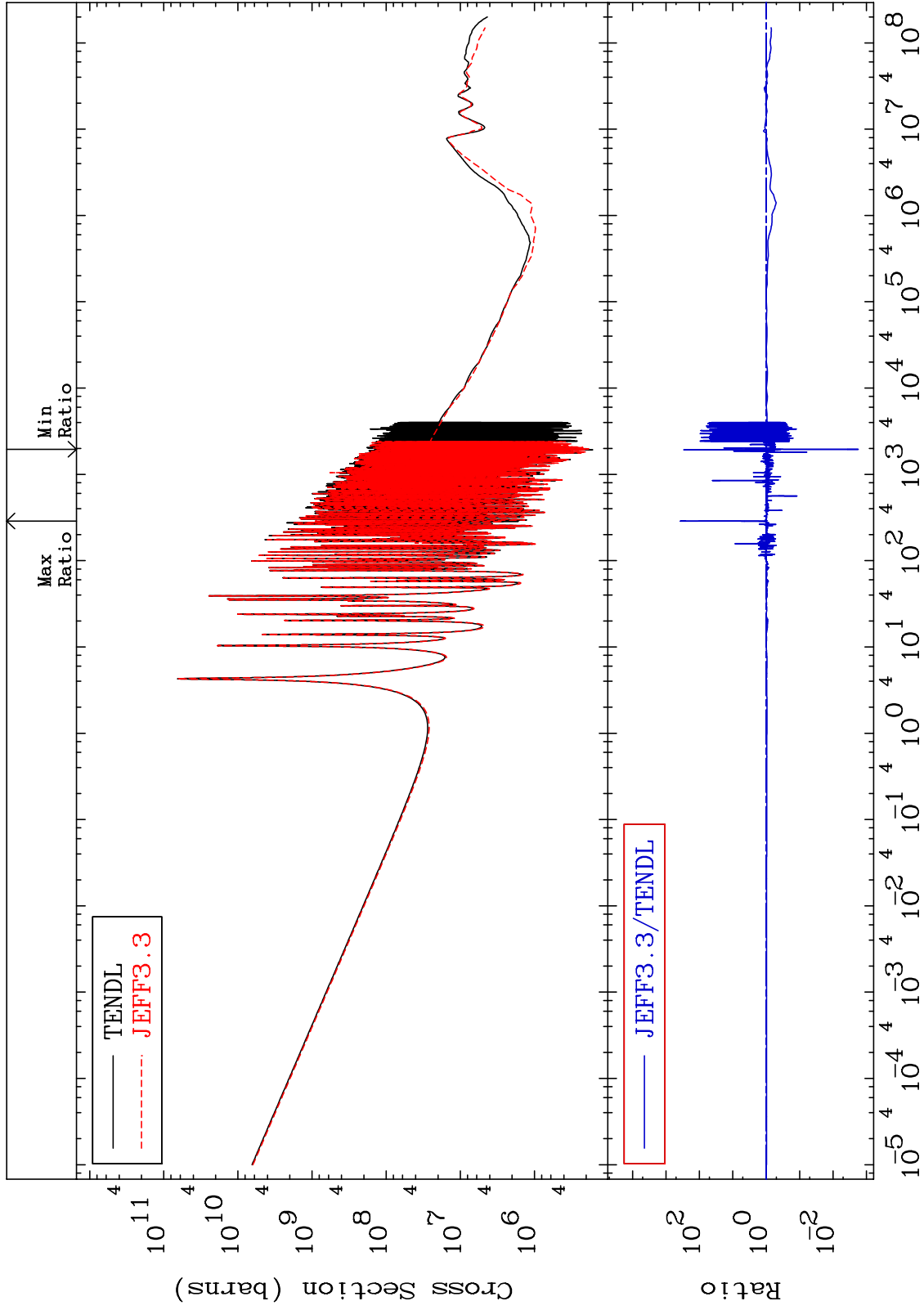
⁷³Ta-181
-100.0 To 9999. %



MAT 7328

Total photon (eV-barns)
Cross Section

⁷³Ta-181
-99.83 To 9999. %



49

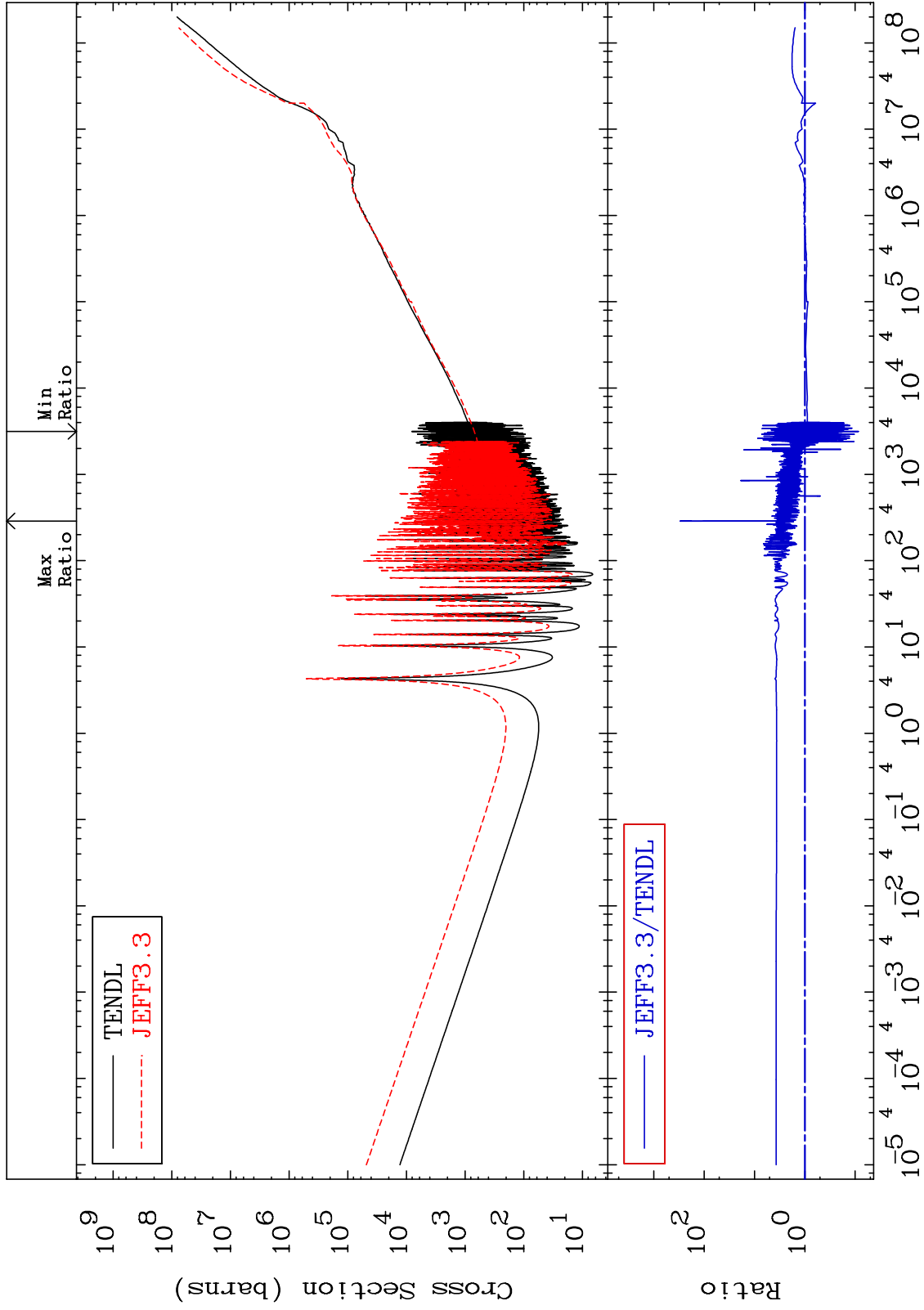
Incident Energy (eV)

⁷³Ta-181

MAT 7328

Total kinematic kerma (high limit)
Cross Section

⁷³Ta-181
-91.37 To 9999. %



50

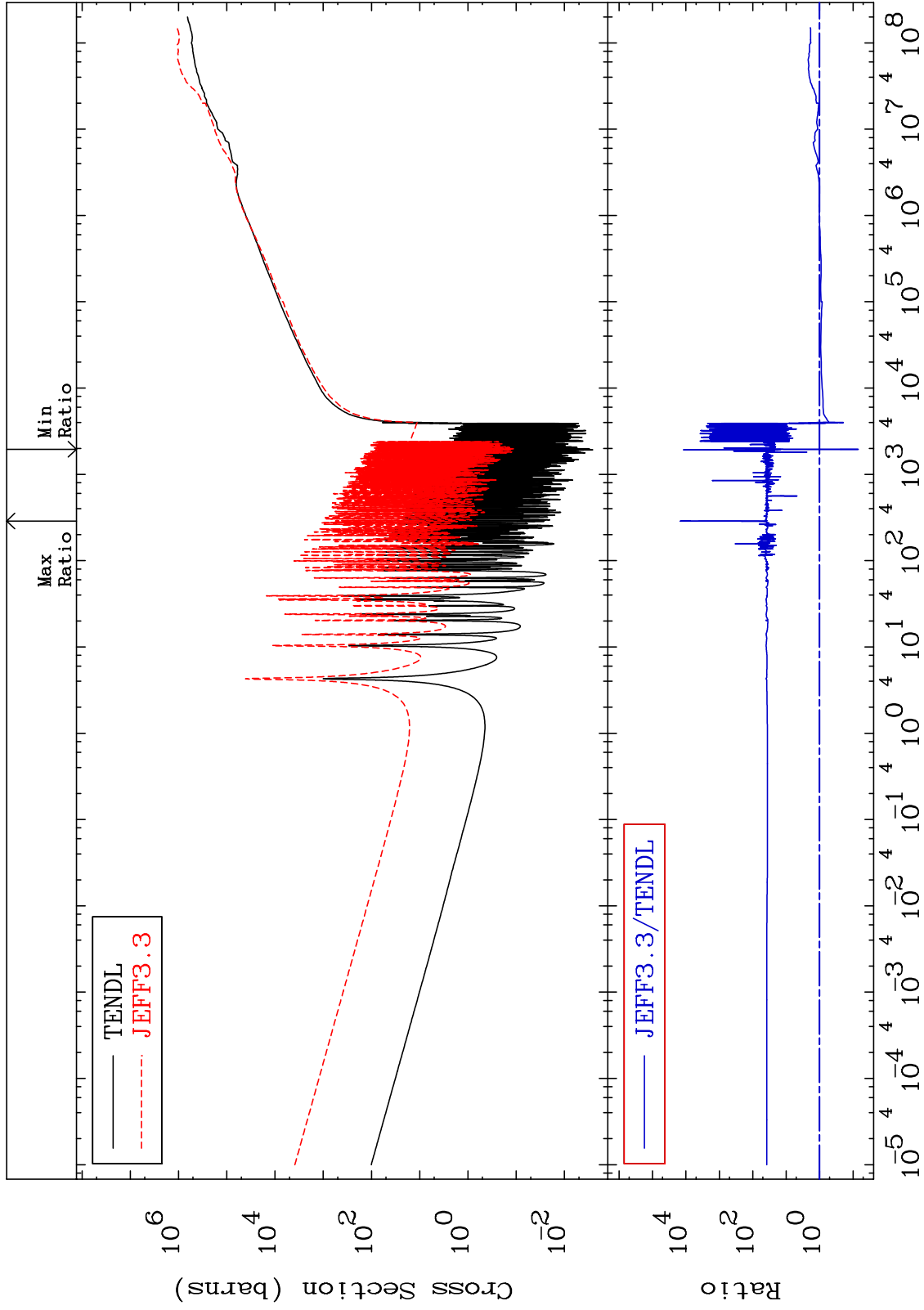
Incident Energy (eV)

⁷³Ta-181

MAT 7328

Dpa total (eV-barns)
Cross Section

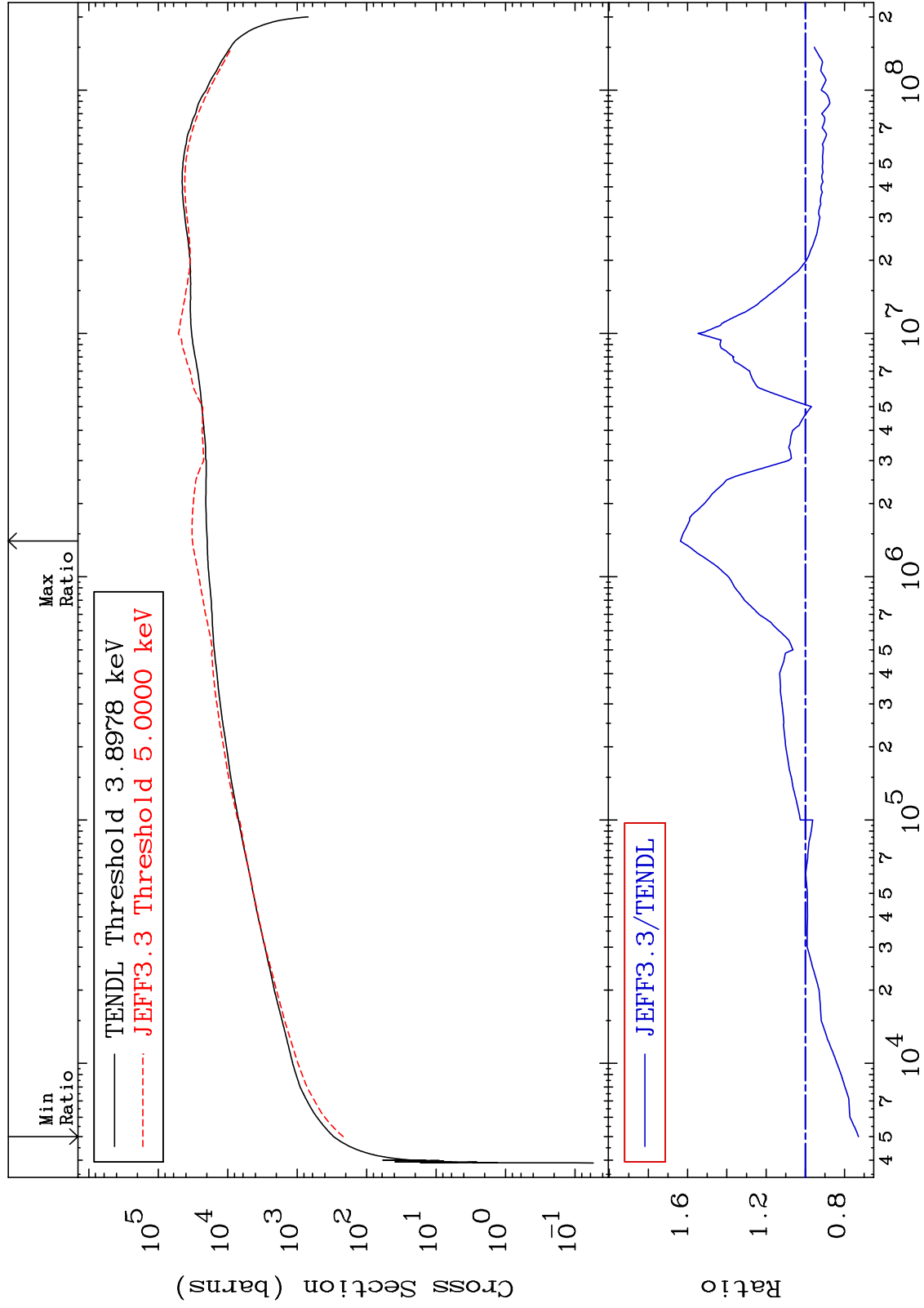
⁷³Ta-181
-93.09 To 9999. %



MAT 7328

Dpa elastic (mt2)
Cross Section

⁷³Ta-181
-27.09 To 63.65 %



52

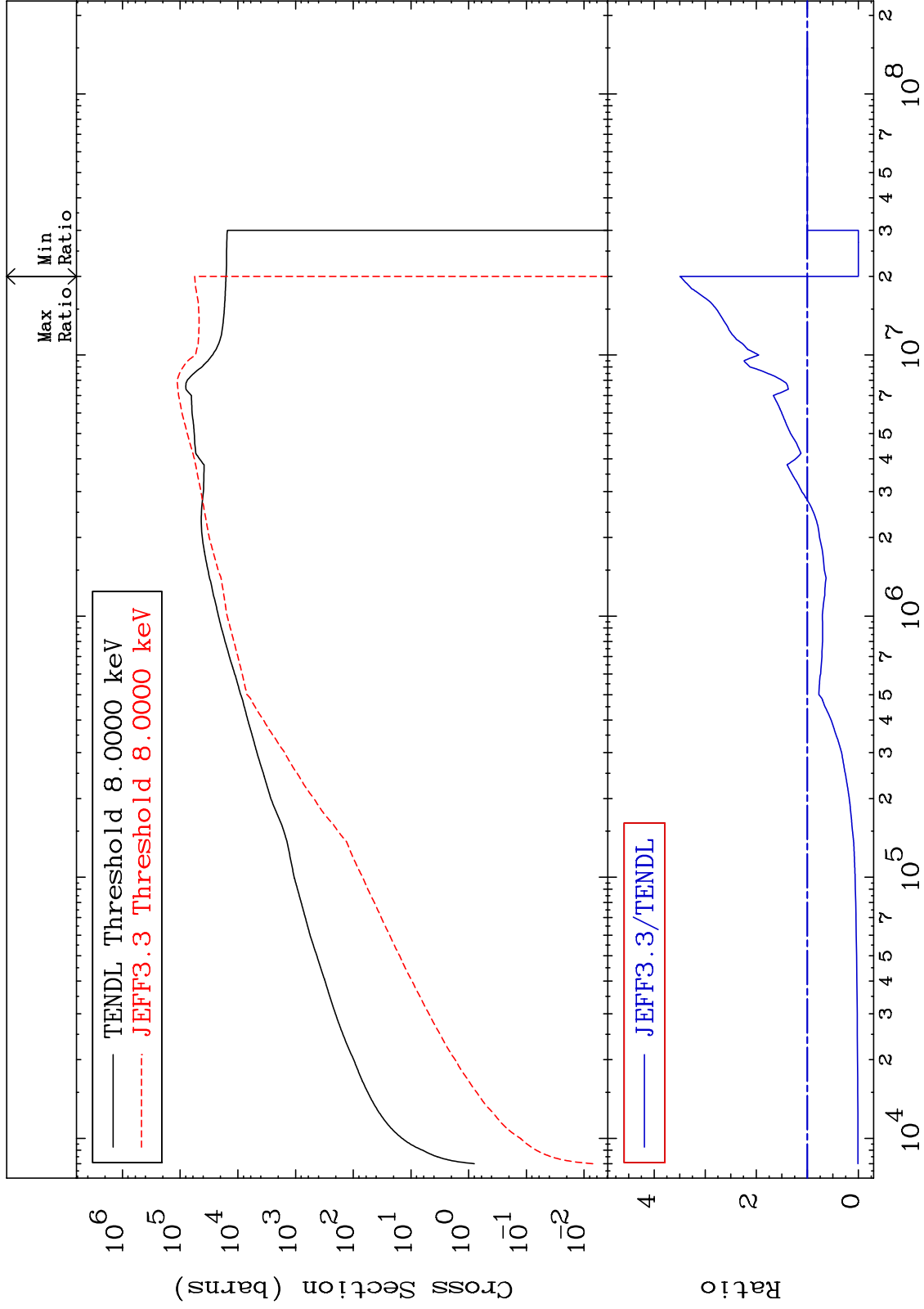
Incident Energy (eV)

⁷³Ta-181

MAT 7328

Dpa inelastic (mt51-91)
Cross Section

⁷³Ta-181
-100.0 To 249.4 %



53

Incident Energy (eV)

⁷³Ta-181

MAT 7328

Dpa disappearance (mt102 -120)
Cross Section

⁷³Ta-181
-100.0 To 9999. %

