

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

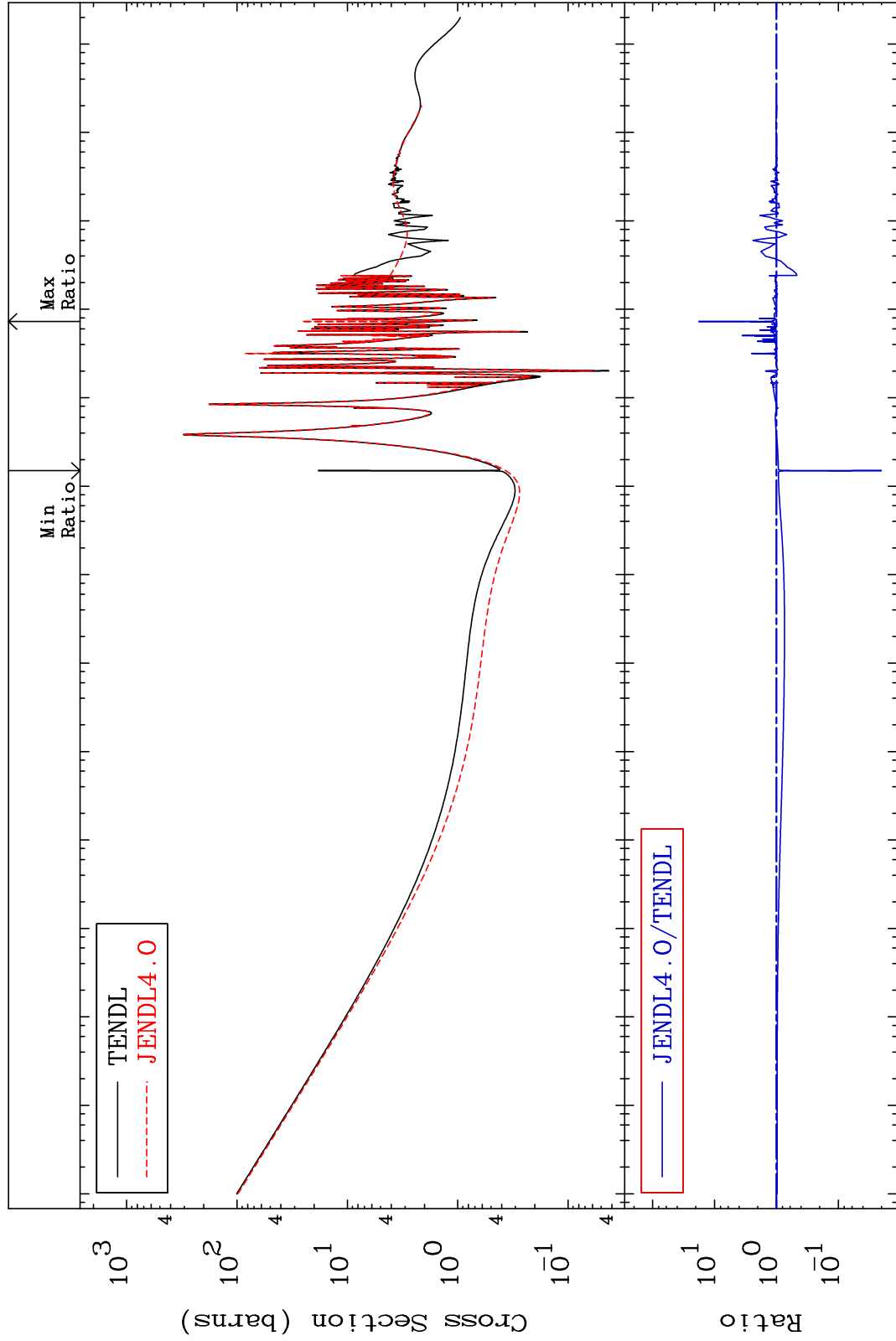
MAT 2234

Total

22-Ti-49

Cross Section

-98.00 To 1697. %



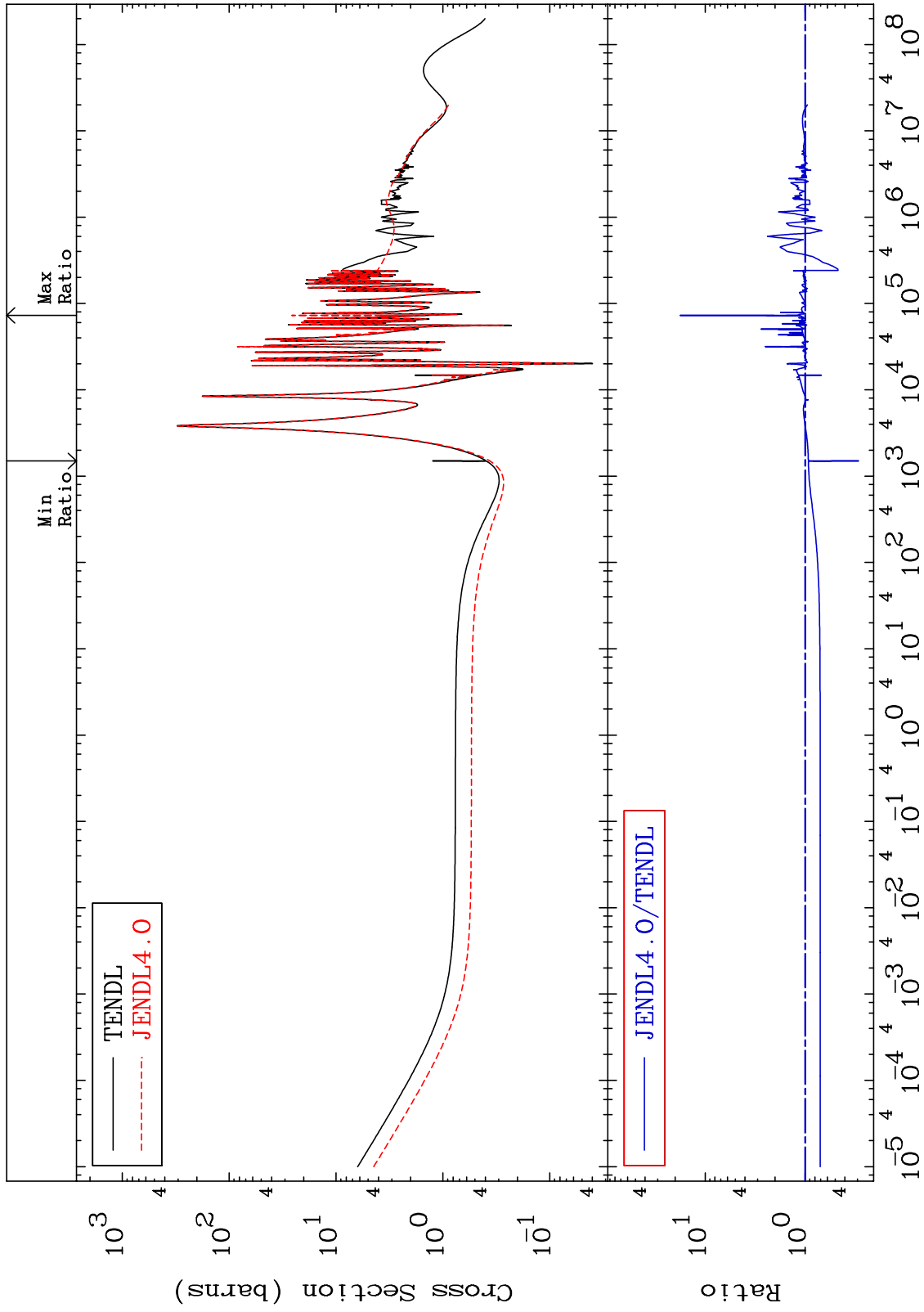
Incident Energy (eV)

22-Ti-49

MAT 2234

Elastic
Cross Section

22-Ti-49
-70.68 To 1690. %



2

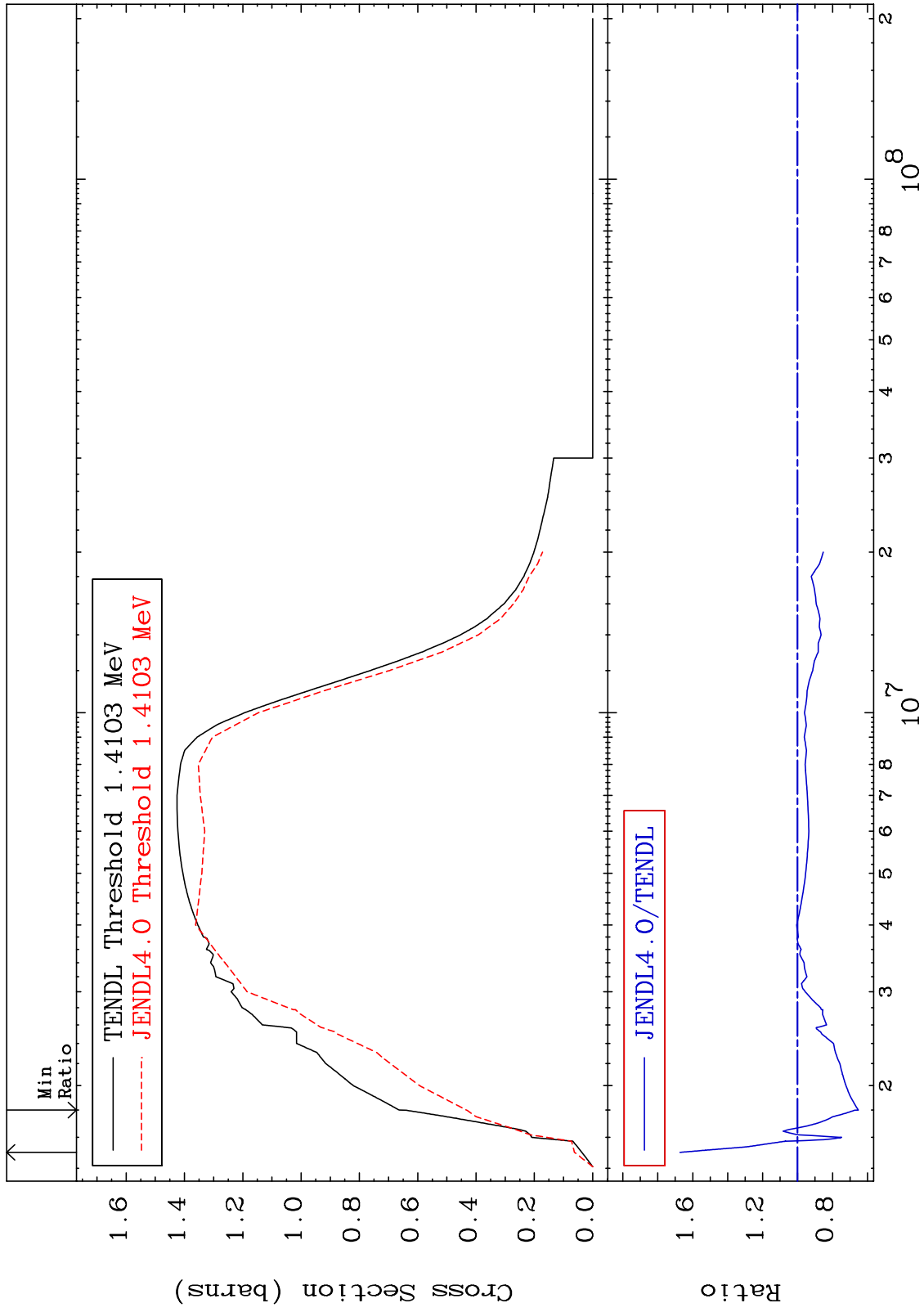
Incident Energy (eV)

22-Ti-49

MAT 2234

Inelastic
Cross Section

22-Ti-49
-34.81 To 67.28 %



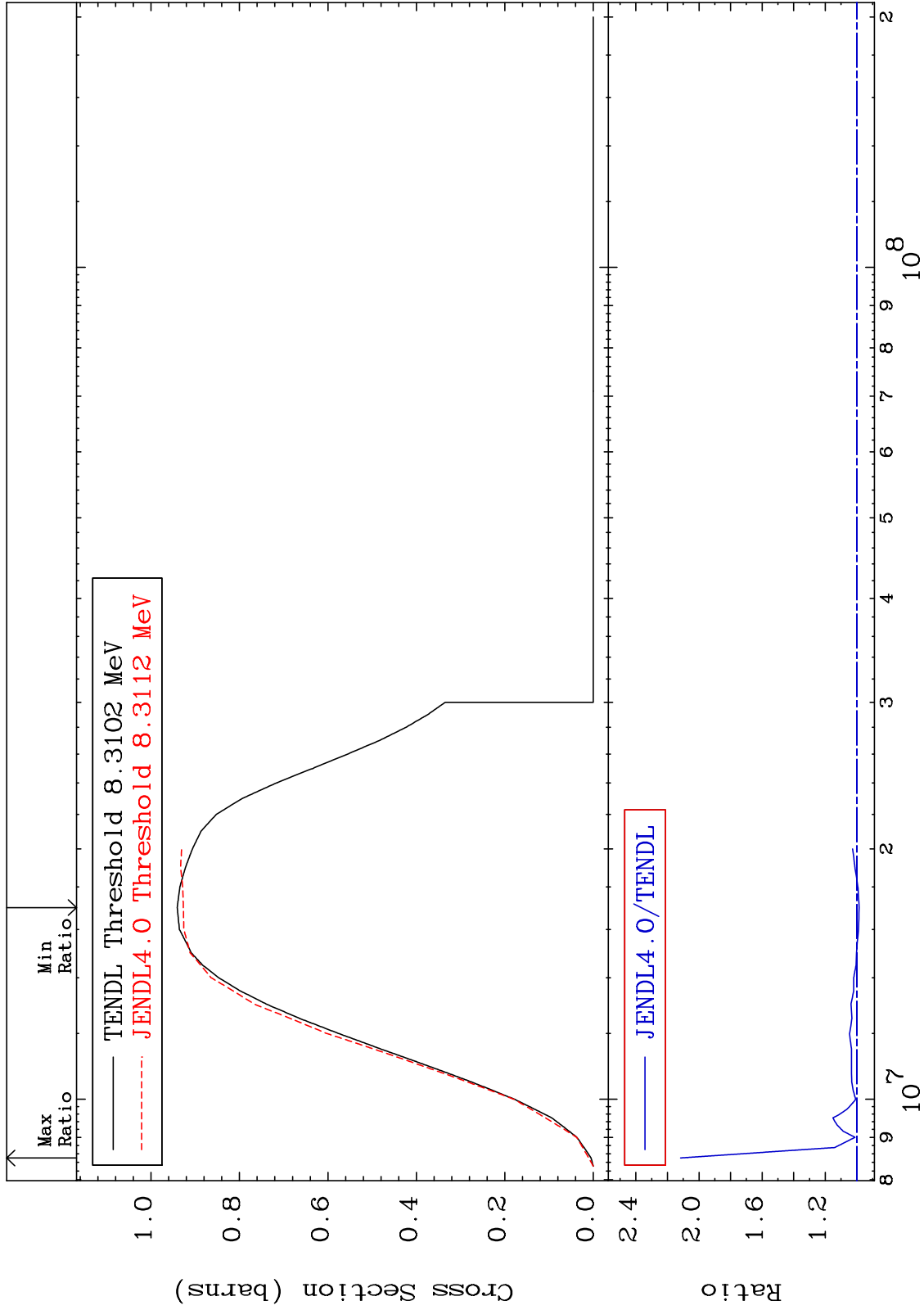
MAT 2234

(n,2n)

22-Ti-49

Cross Section

-1.479 To 111.7 %



Incident Energy (eV)

22-Ti-49

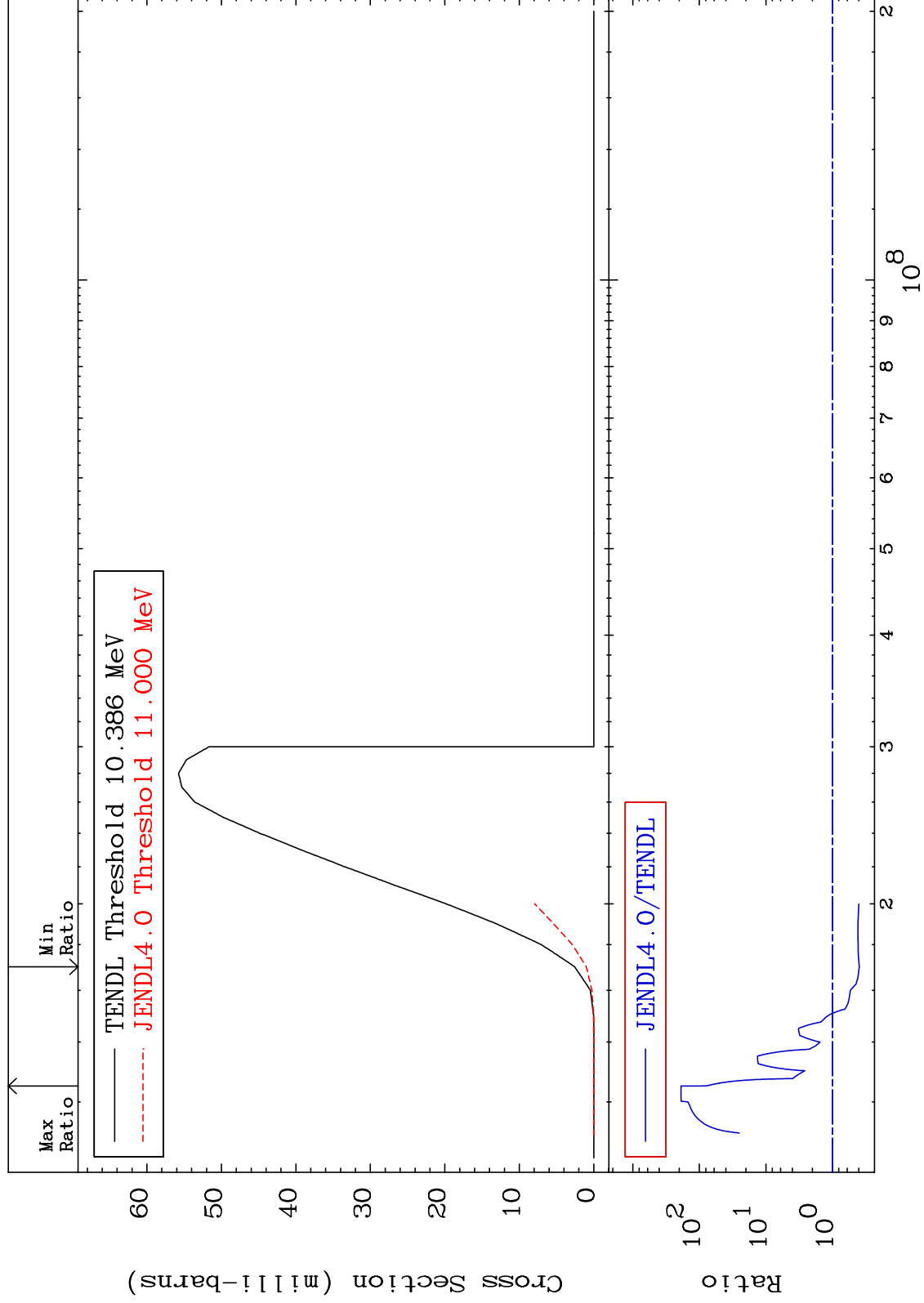
MAT 2234

(n,n') α

22-Ti-49

Cross Section

-60.55 To 9999. %



MAT 2234

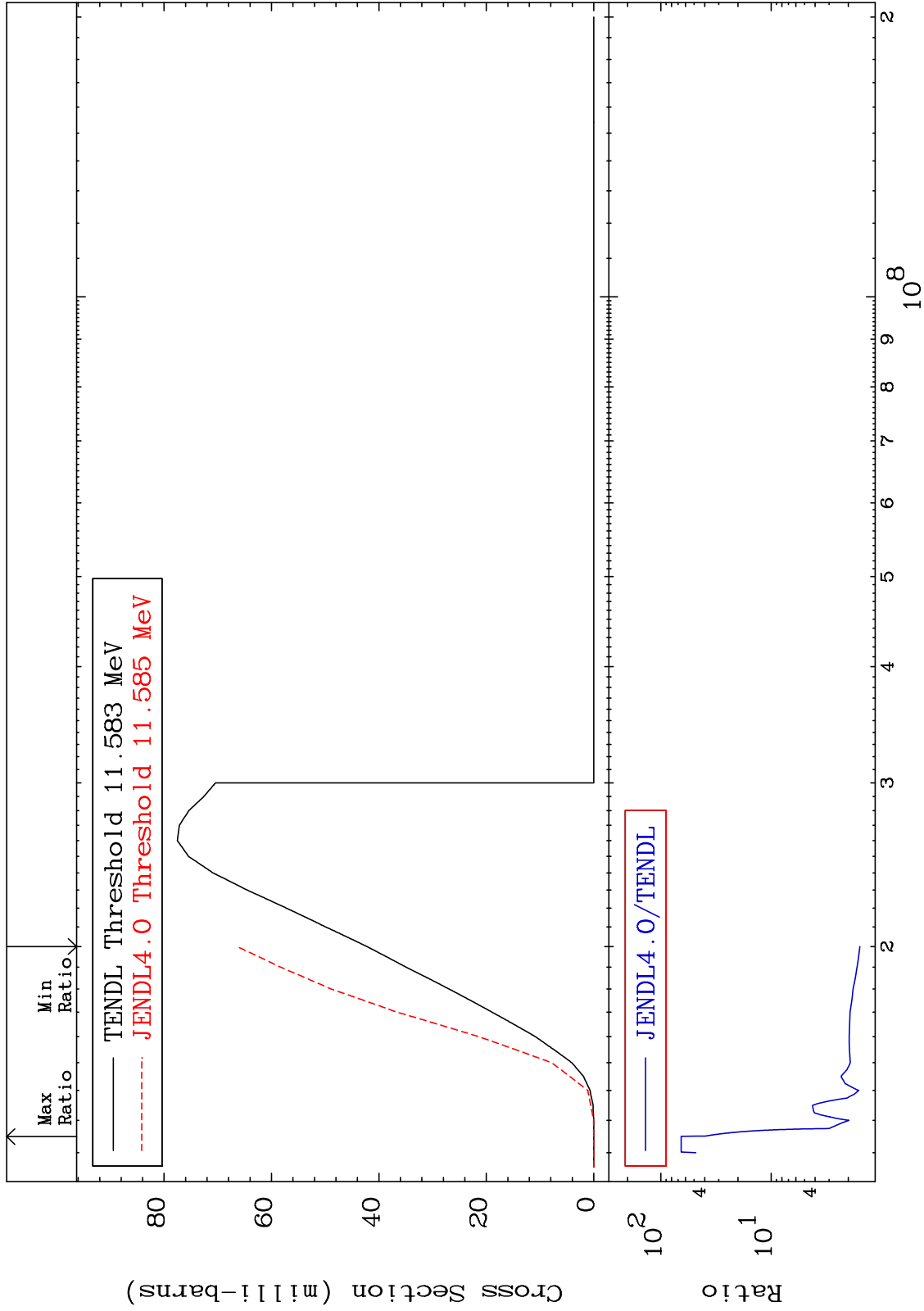
(n,n') p

22-Ti-49

Cross Section

57.25

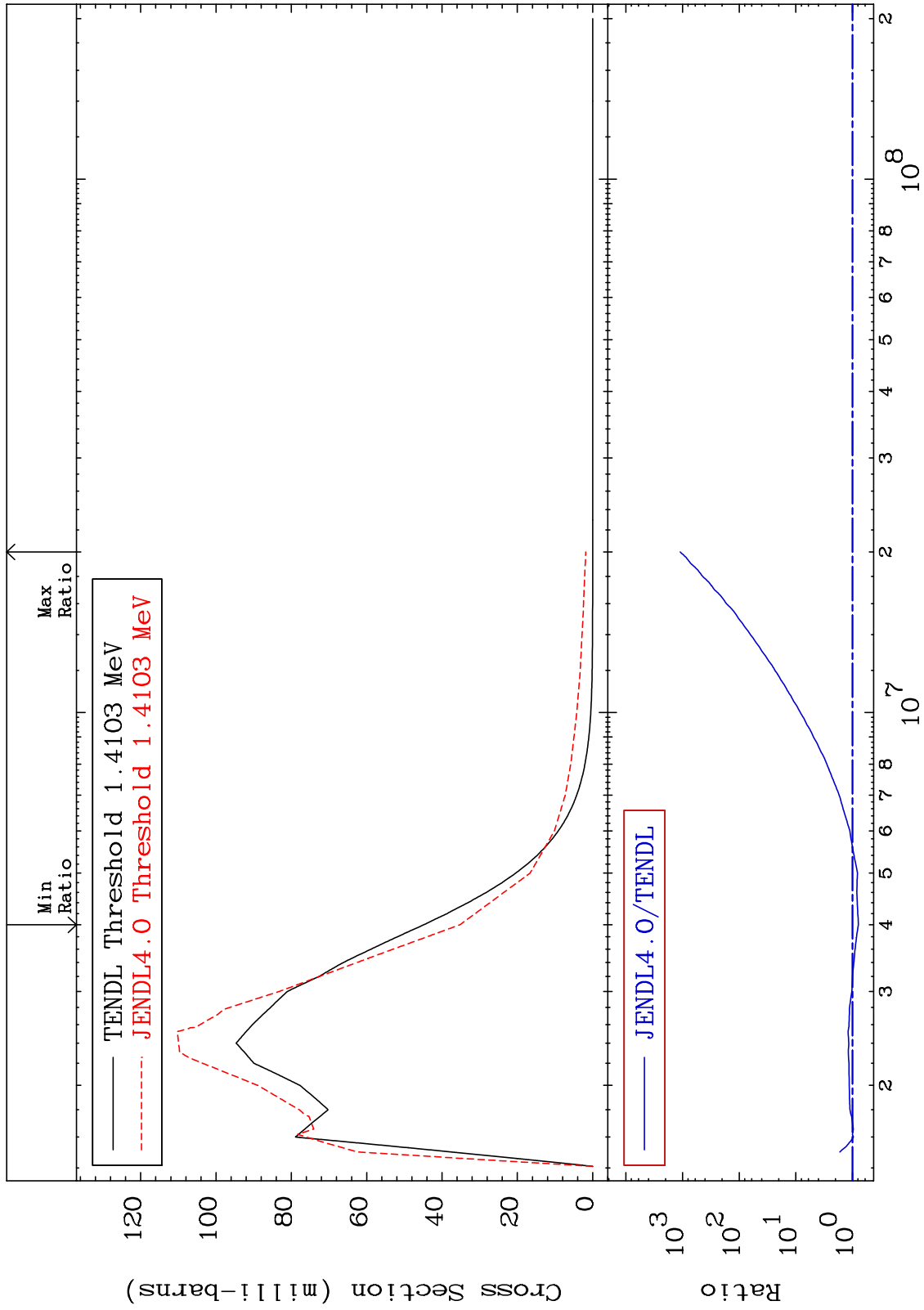
To 6449. %



MAT 2234

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

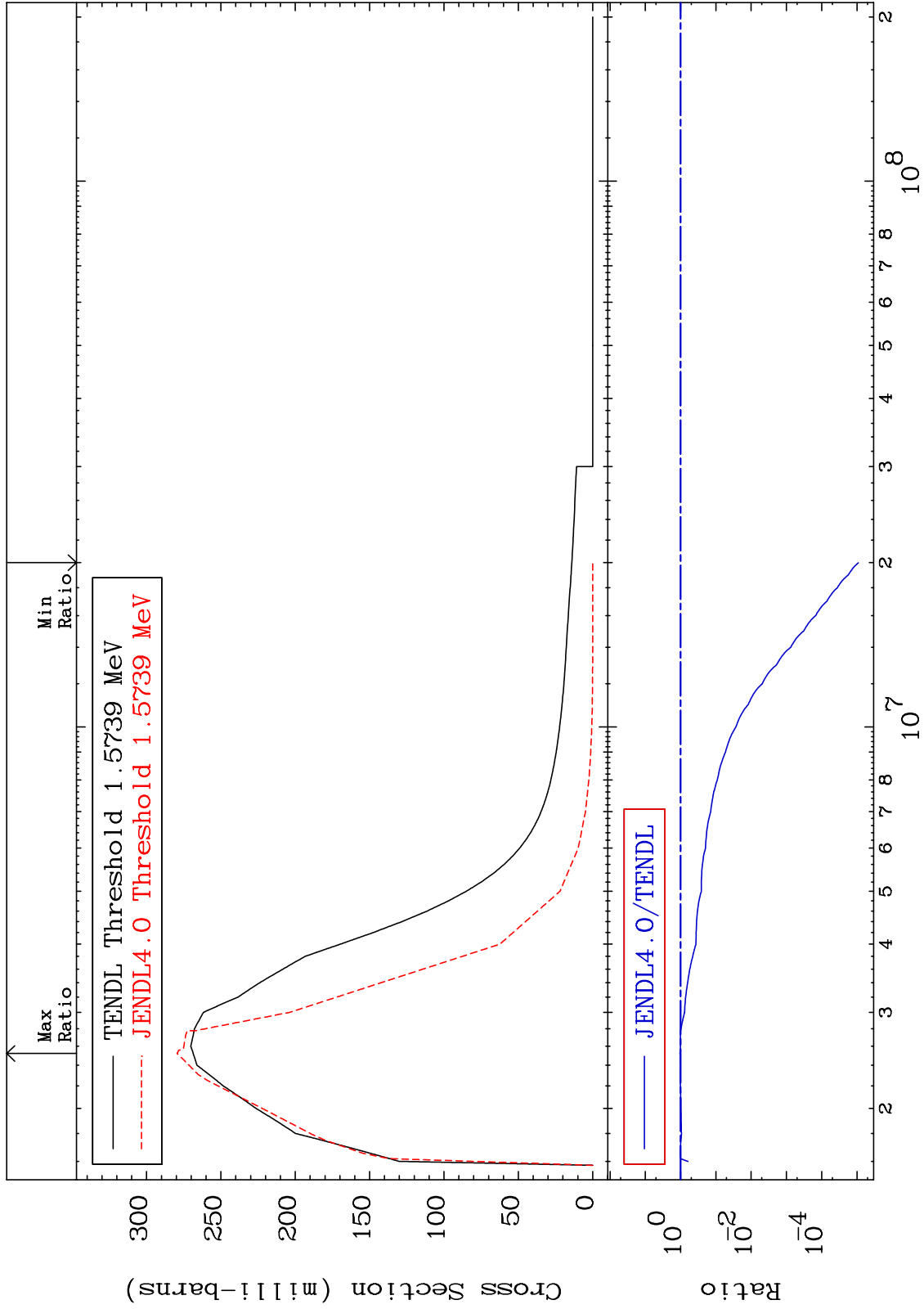
22-Ti-49
-21.37 To 9999. %



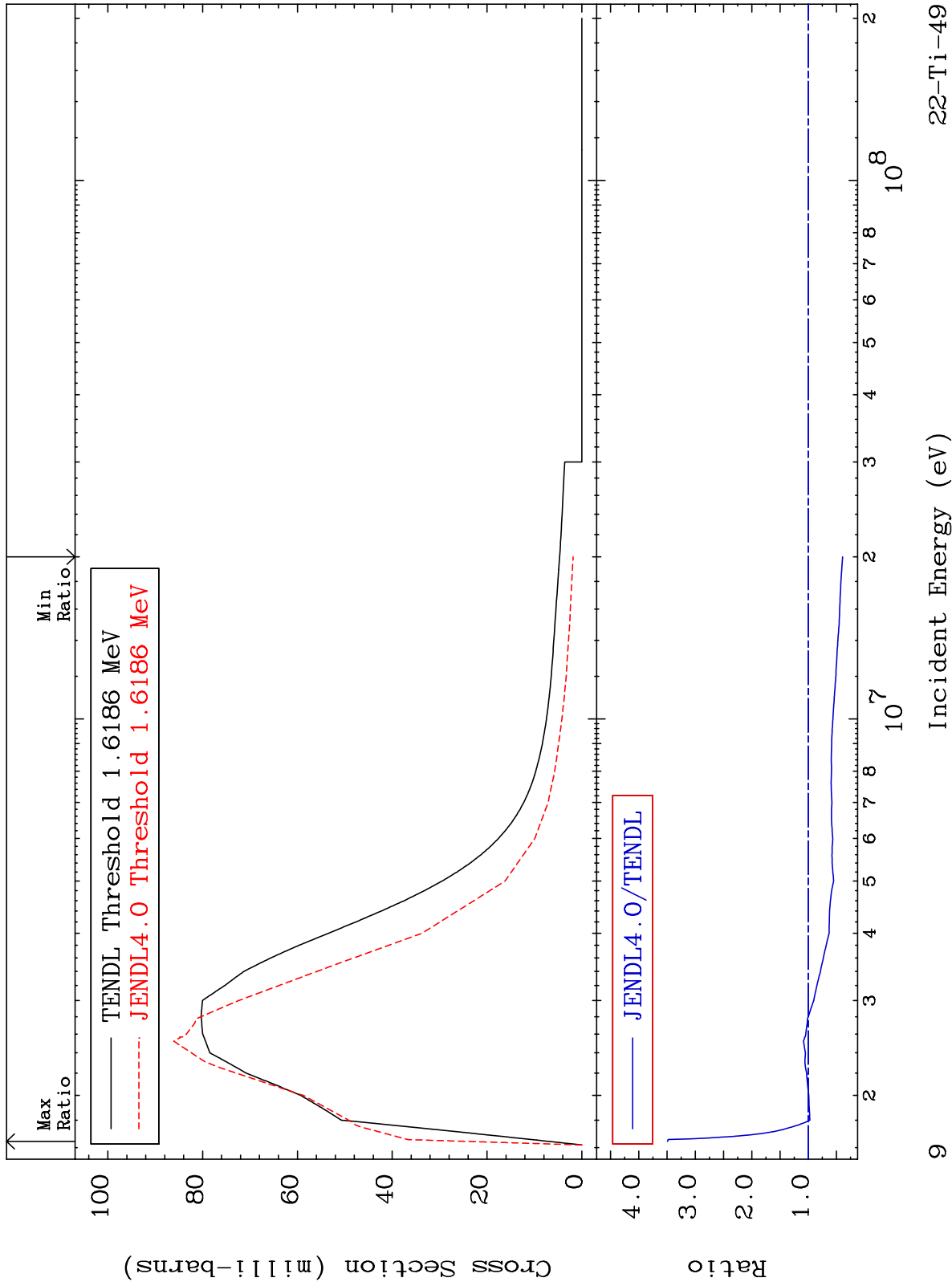
MAT 2234

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

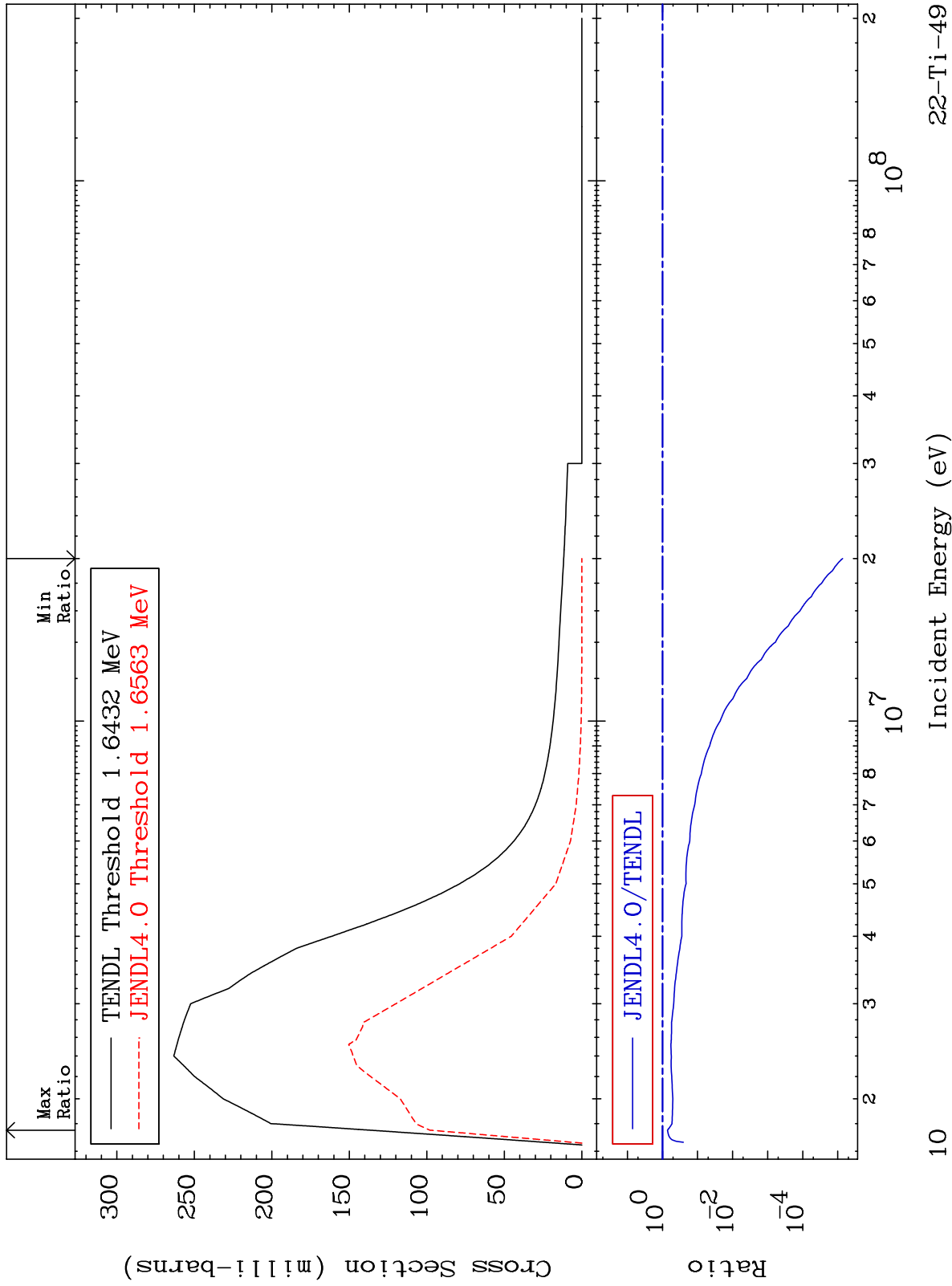
22-Ti-49
-100.0 To 4.049 %



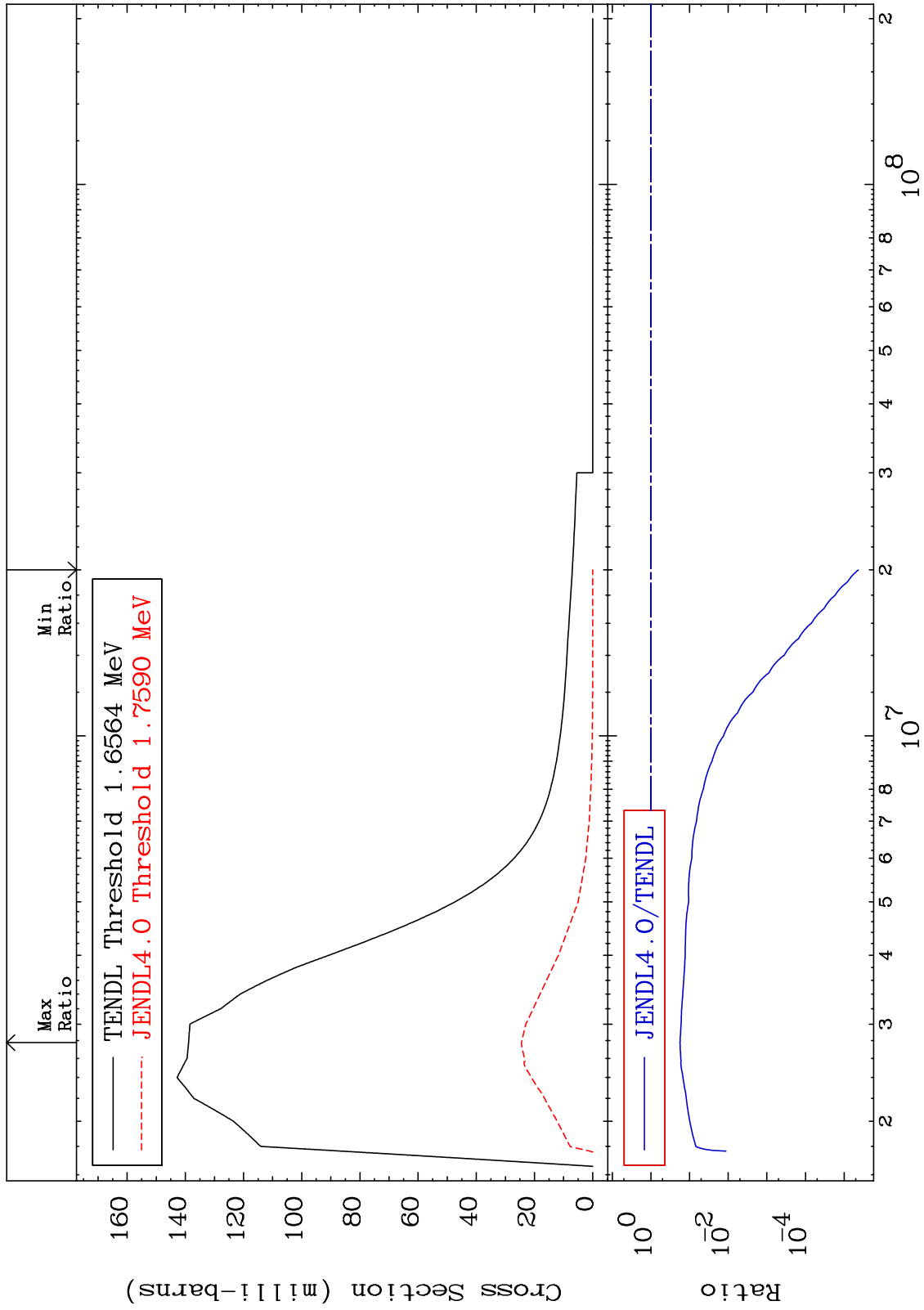
MAT 2234 MT= 53 (n,n') Level Cross Section -60.94 To 249.1 % 22-Ti-49



MAT 2234 MT= 54 (n,n') Level Cross Section 22-Ti-49
-100.0 To -28.39%



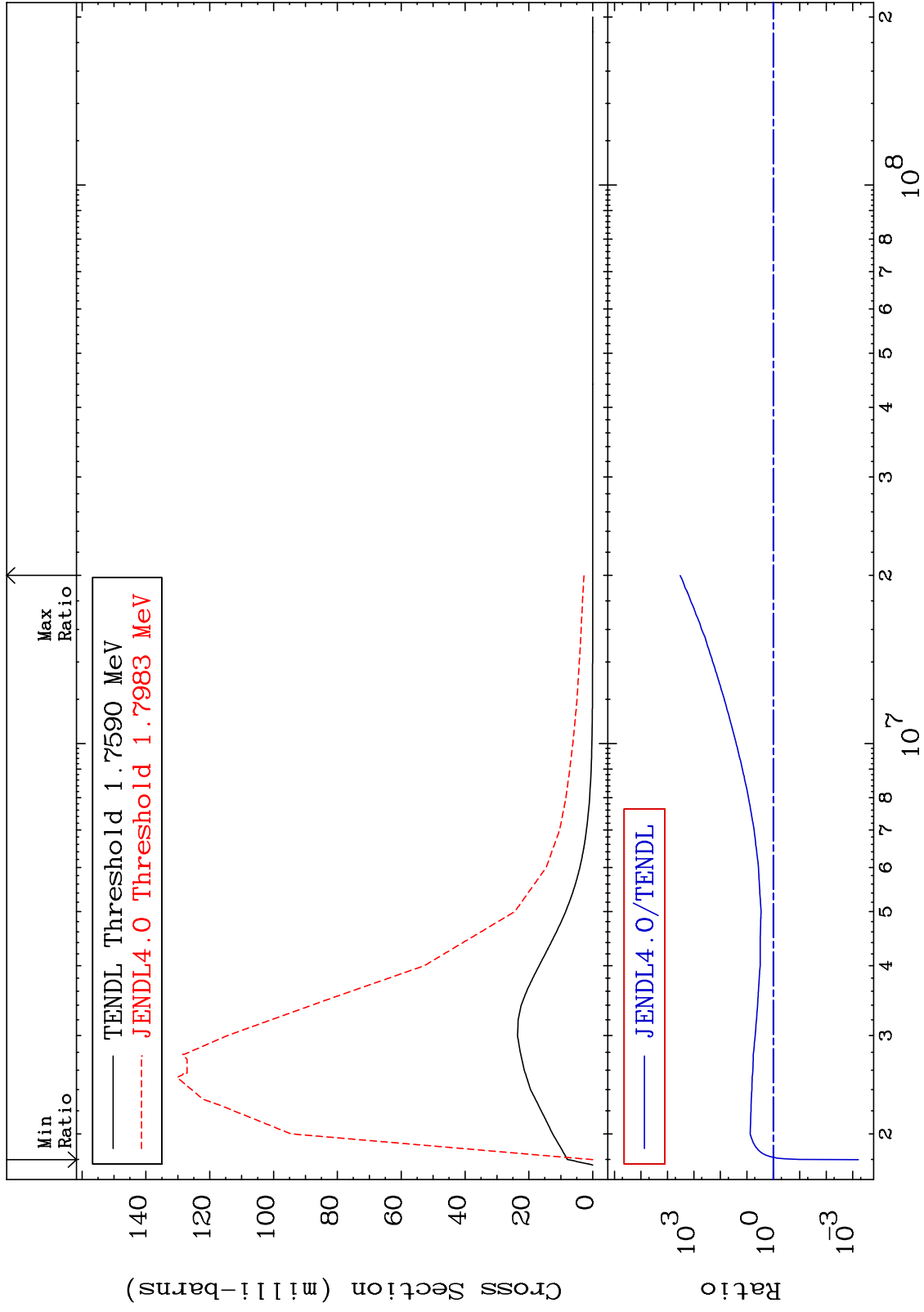
MAT 2234 MT= 55 (n,n') Level 22-Ti-49
 Cross Section -100.0 To -82.36%



MAT 2234

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

22-Ti-49
-99.94 To 9999. %



12

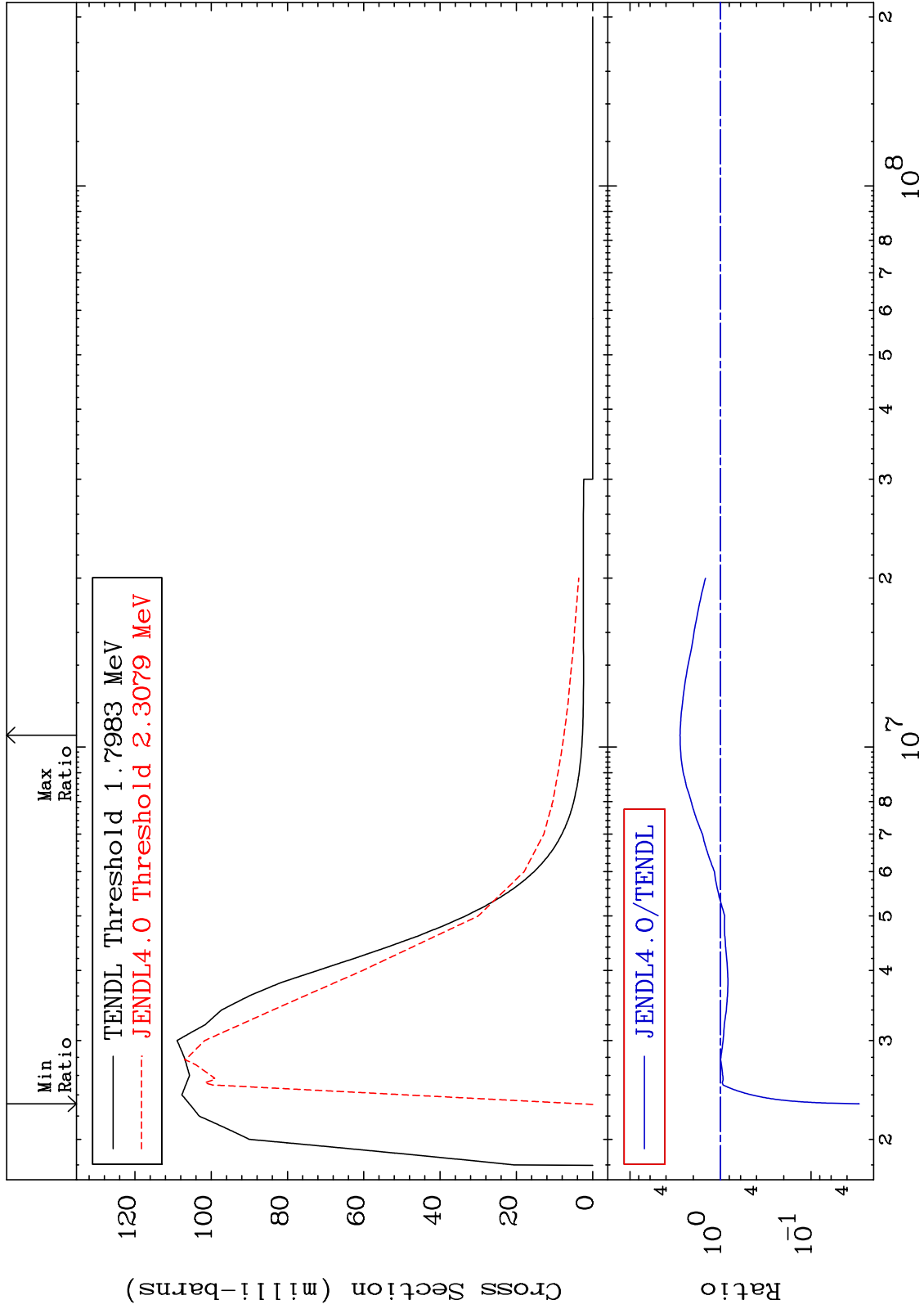
Incident Energy (eV)

22-Ti-49

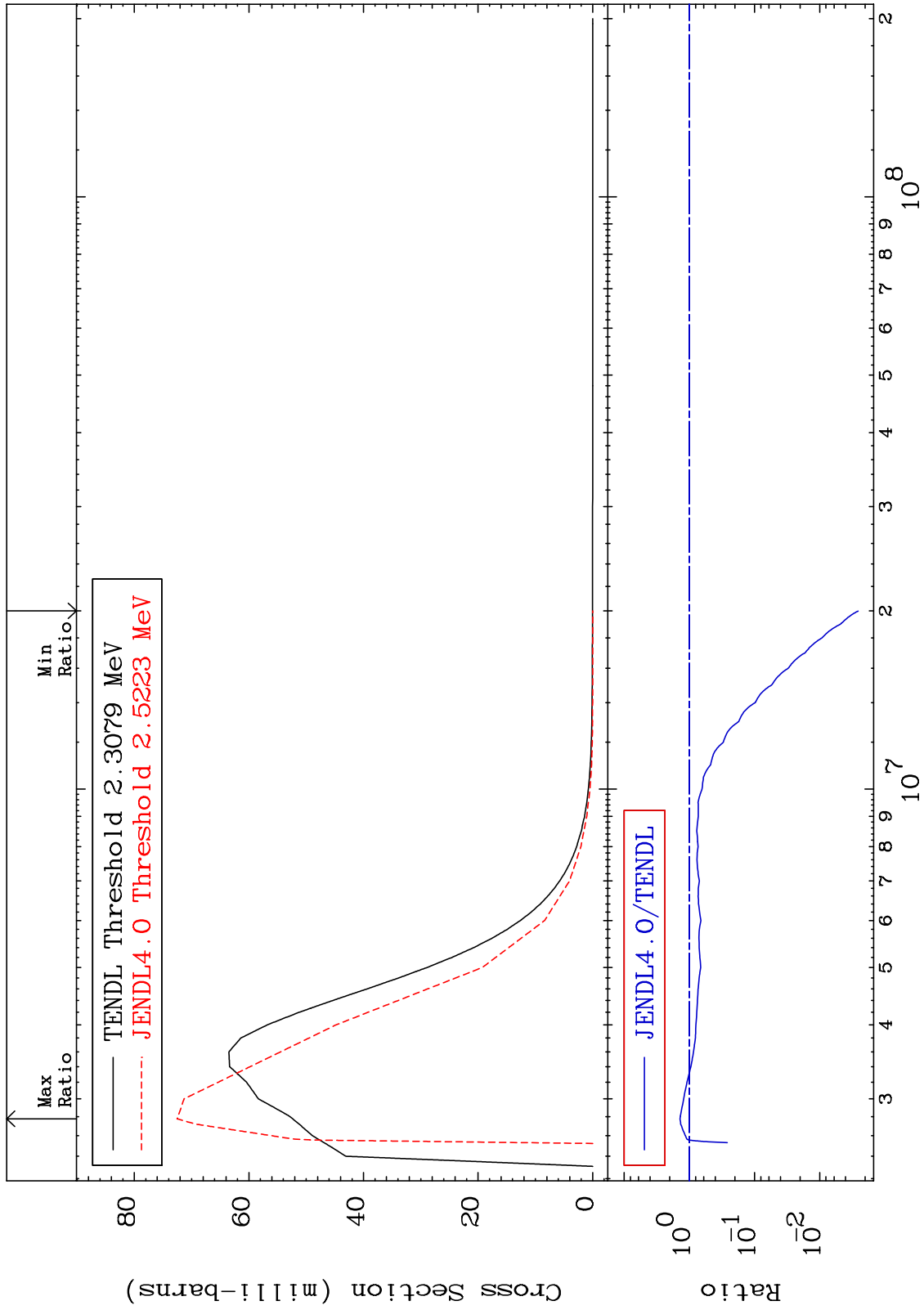
MAT 2234

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

22-Ti-49
-97.00 To 180.1 %



MAT 2234 MT= 58 (n,n') Level
 Cross Section 22-Ti-49
 -99.75 To 38.58 %



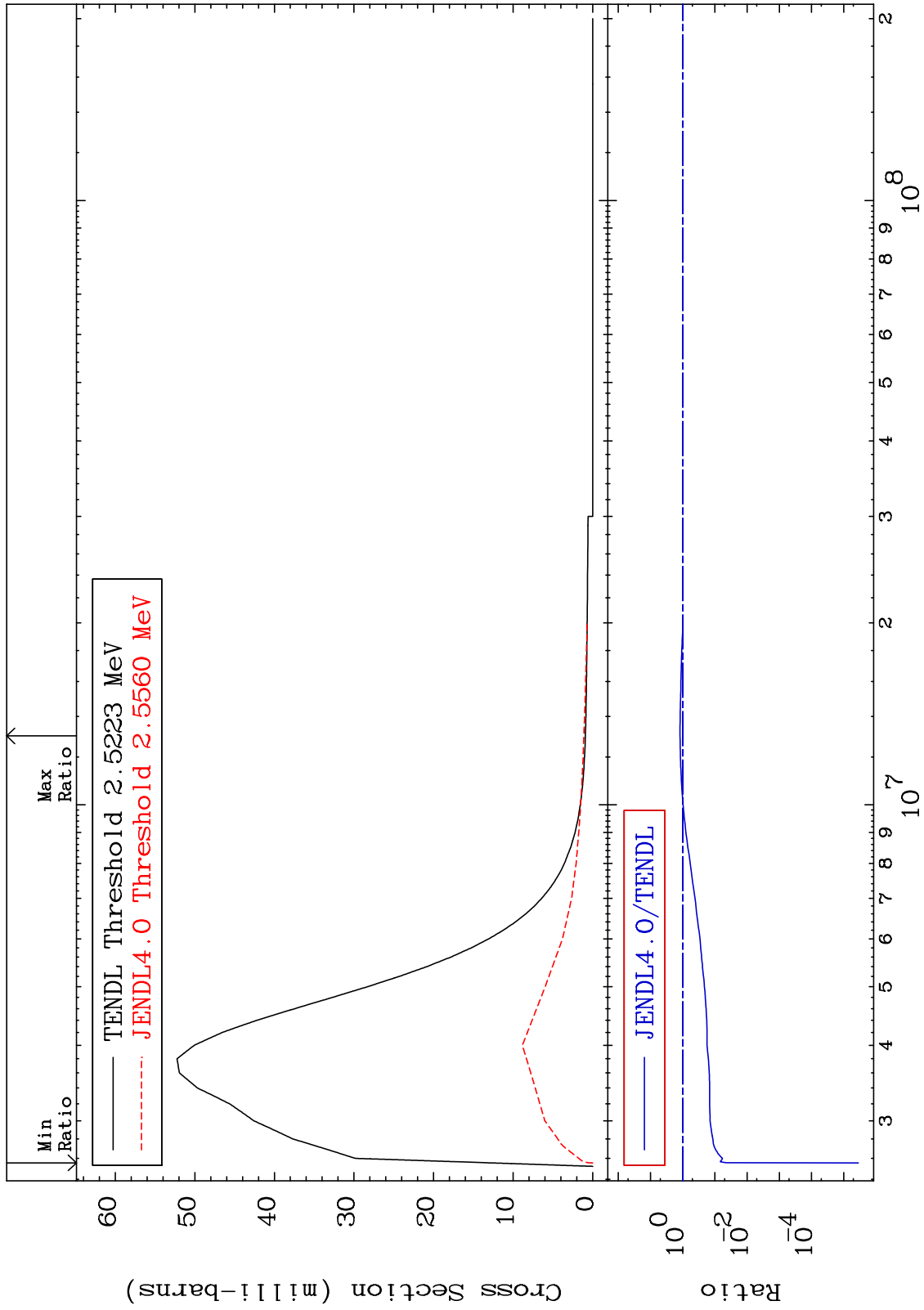
22-Ti-49

Incident Energy (eV)

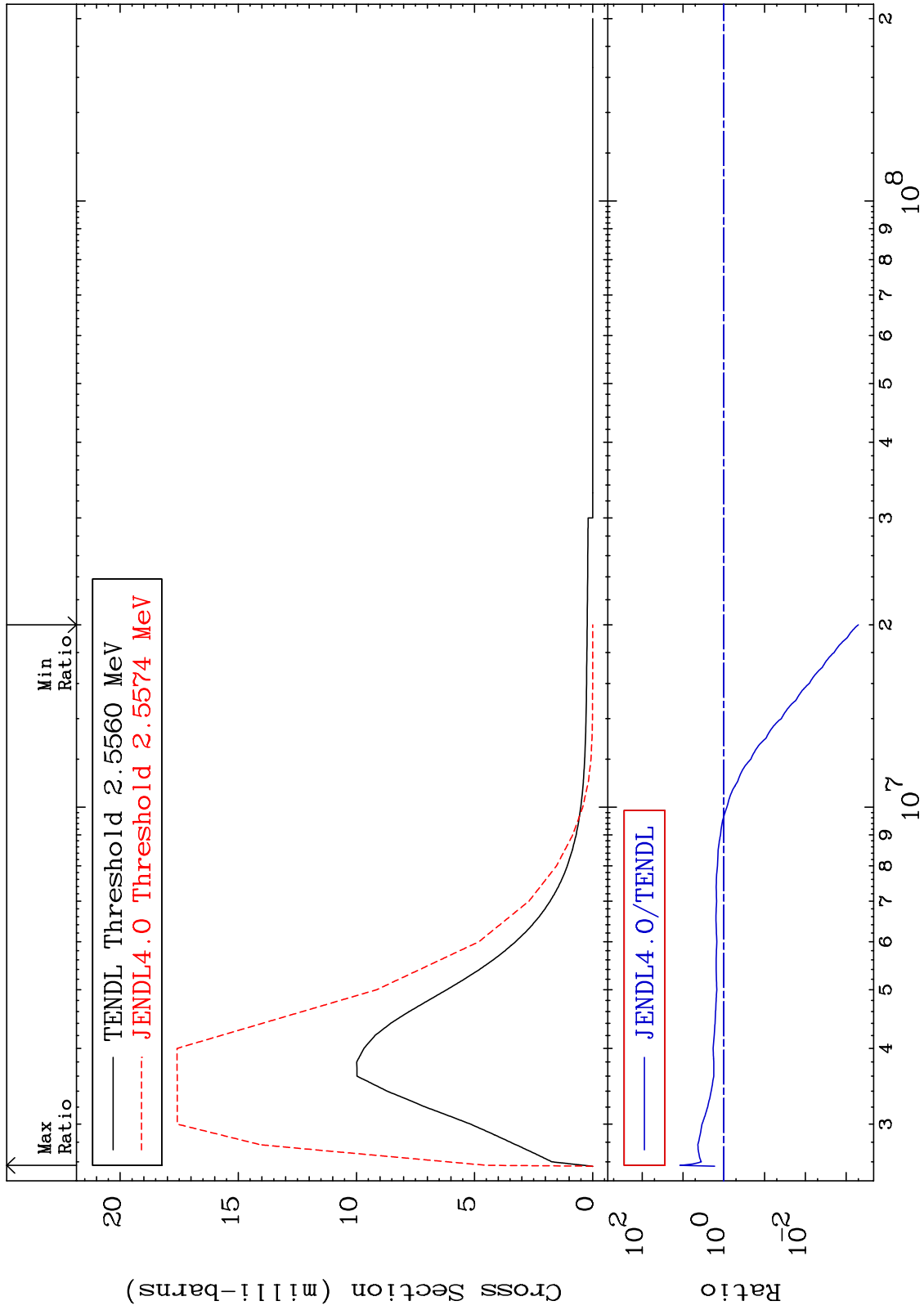
MAT 2234

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

22-Ti-49
-100.0 To 21.35 %



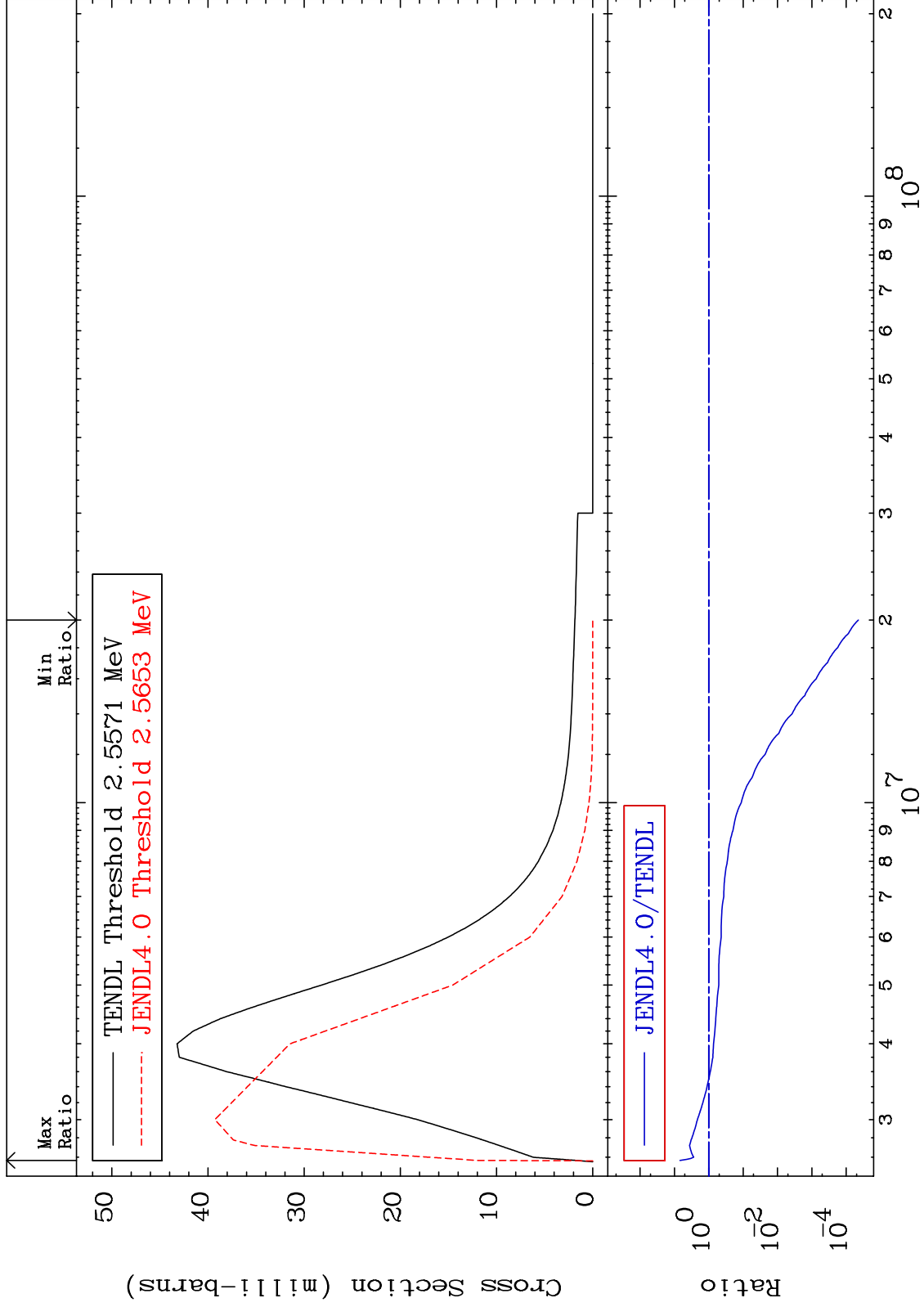
MAT 2234 MT= 60 (n,n') Level Cross Section 22-Ti-49
 -99.95 To 1079. %



MAT 2234

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

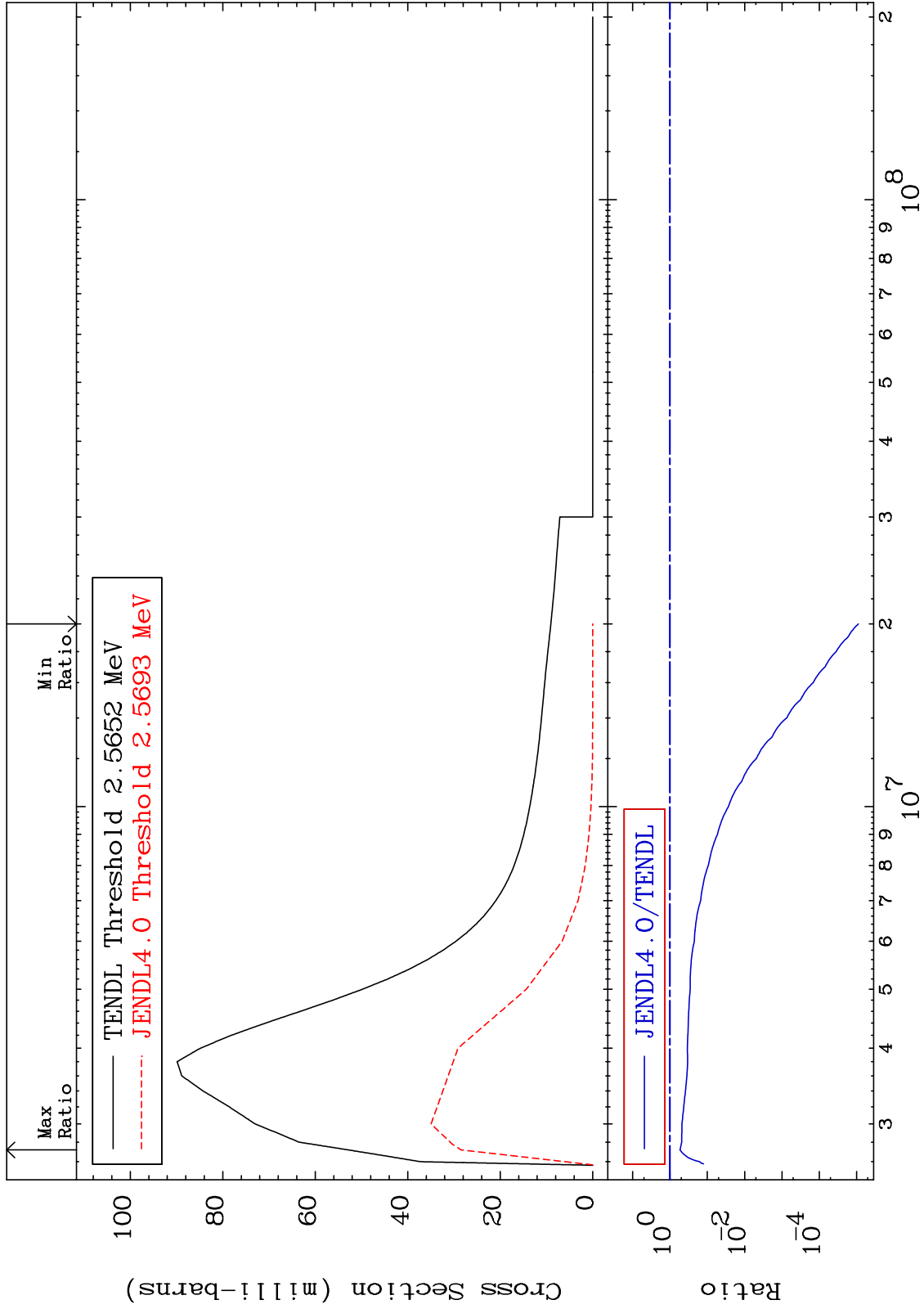
22-Ti-49
-100.0 To 588.8 %



MAT 2234

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

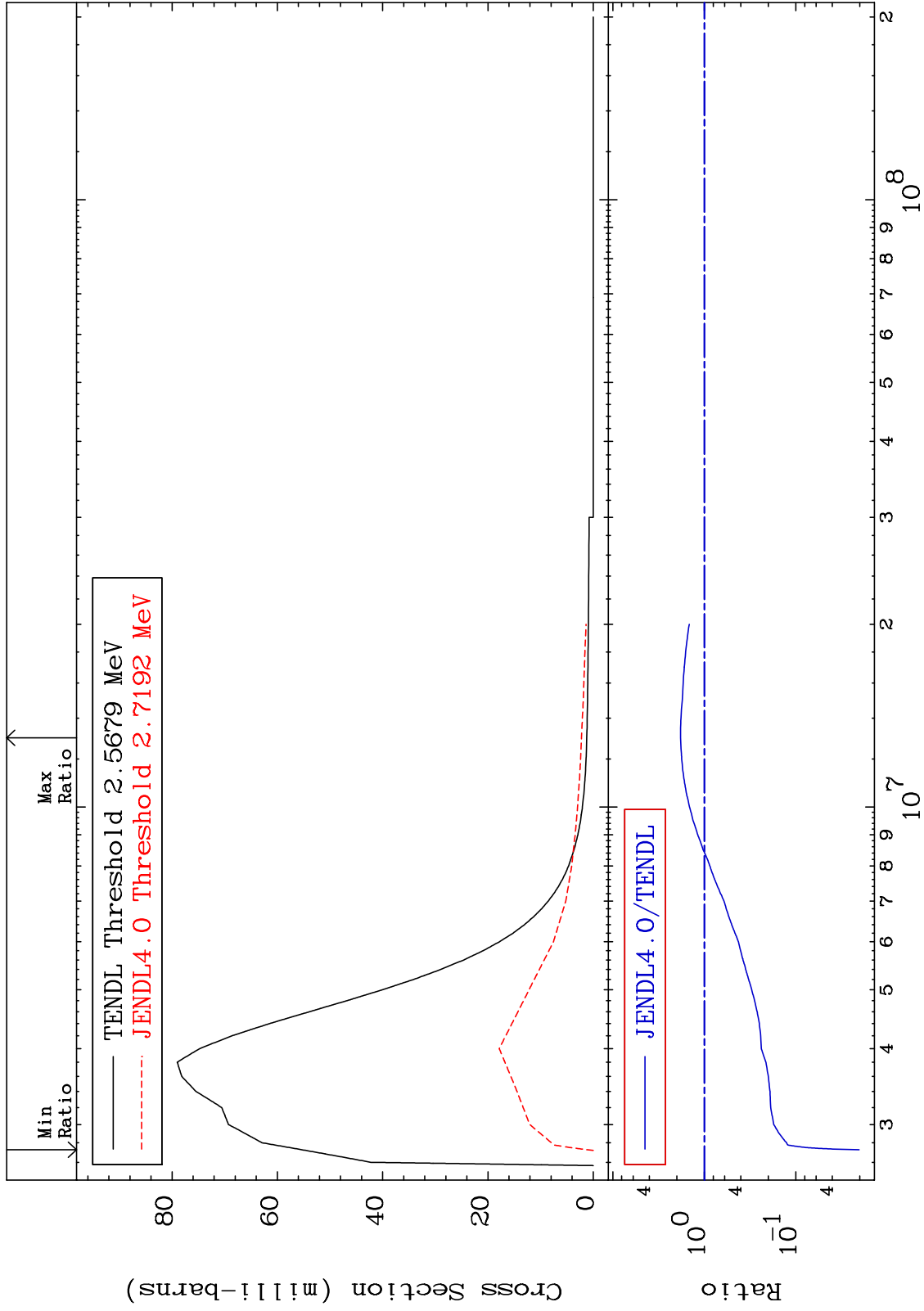
22-Ti-49
-100.0 To -46.16%



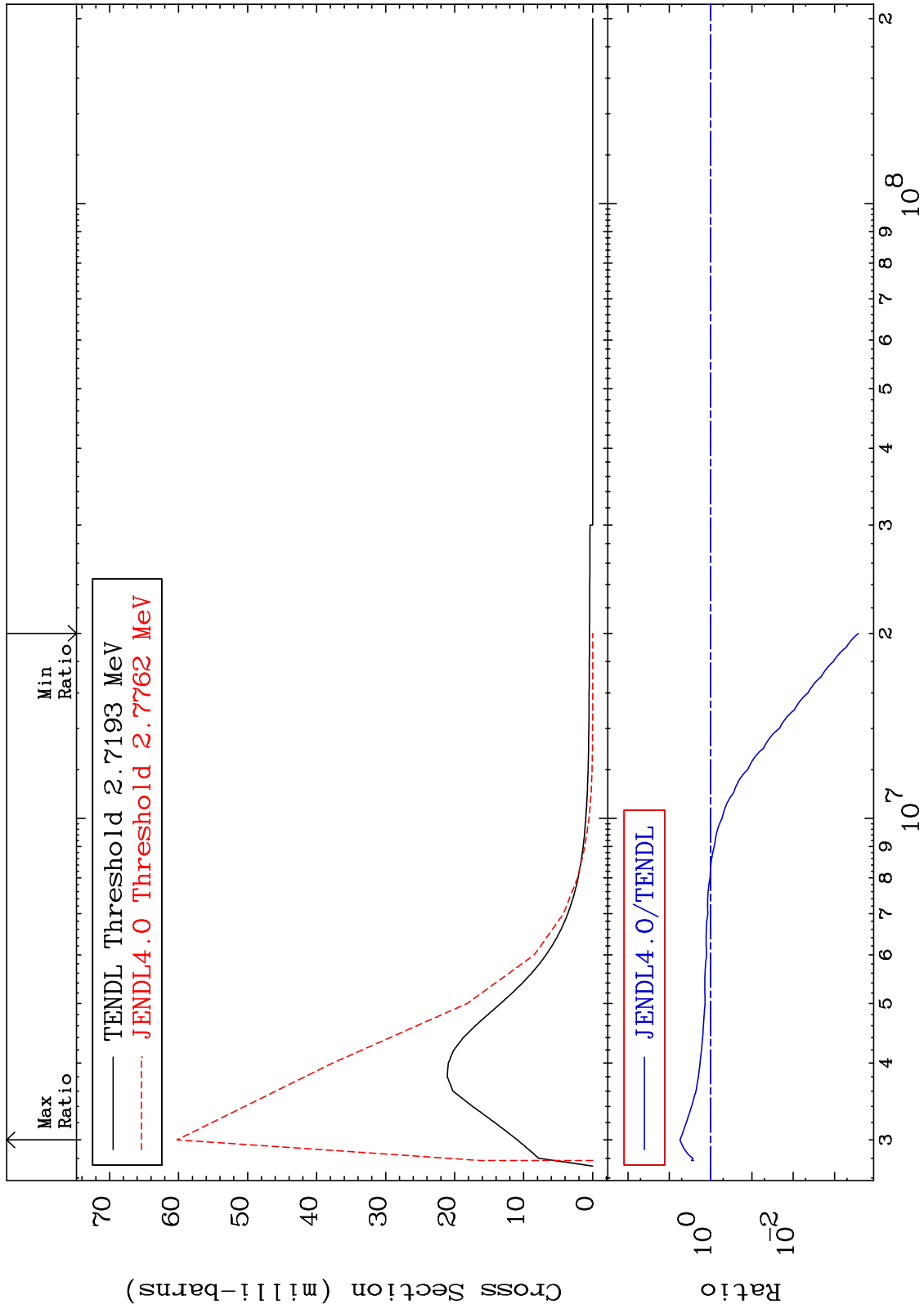
MAT 2234

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

22-Ti-49
-97.97 To 81.69 %



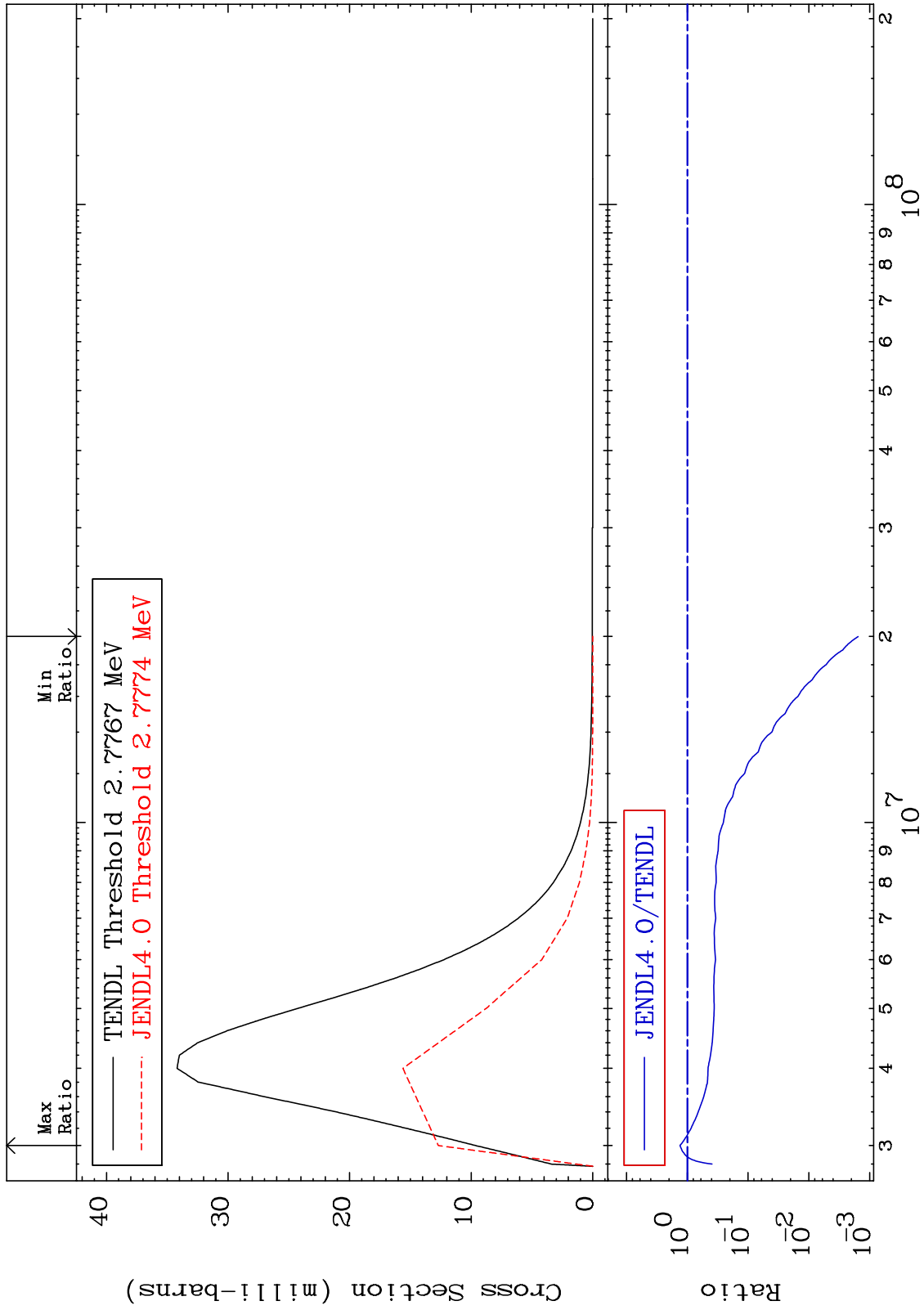
MAT 2234 MT= 64 (n,n') Level Cross Section 22-Ti-49
 -99.97 To 450.8 %



MAT 2234

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

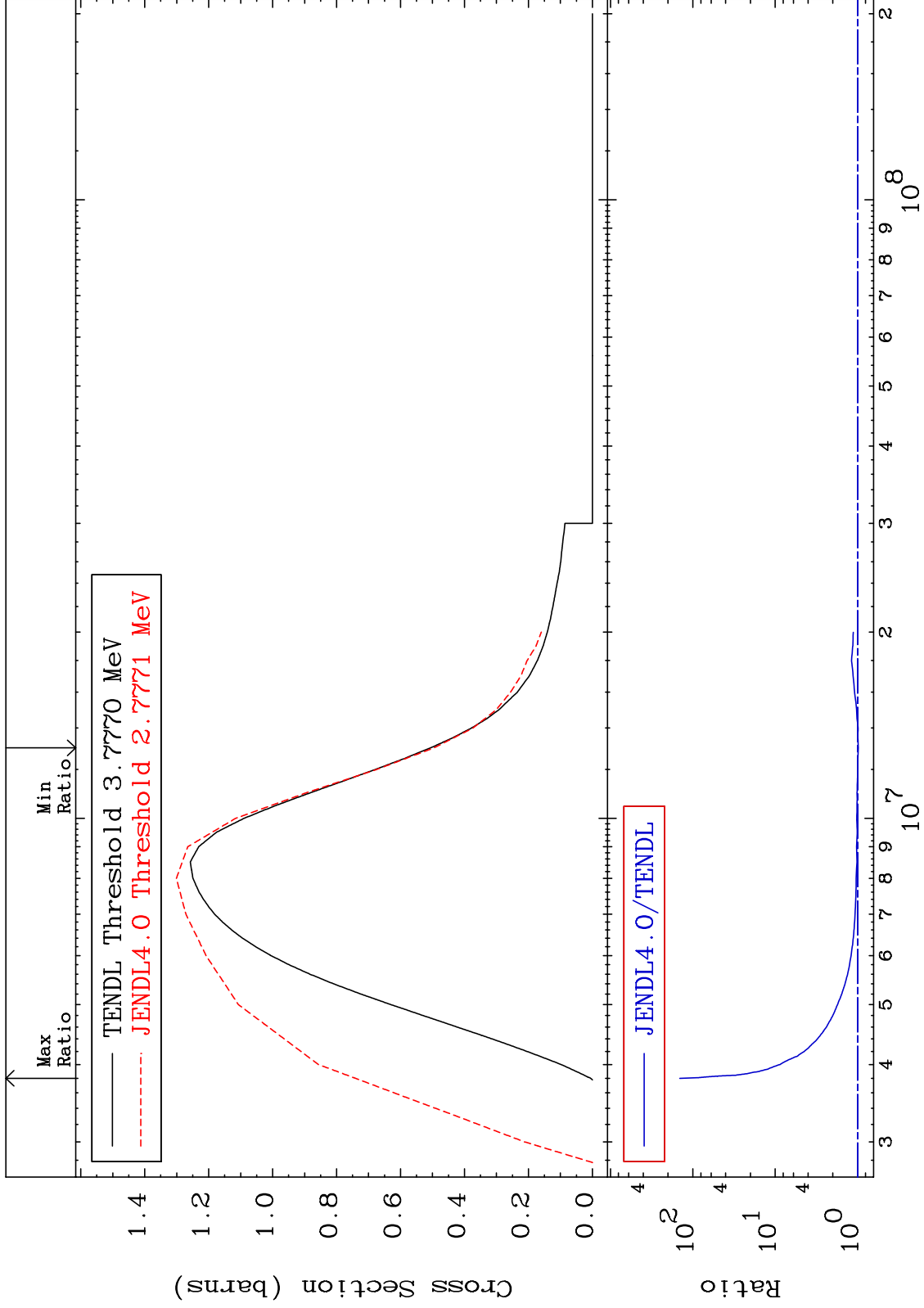
22-Ti-49
-99.85 To 31.81 %



MAT 2234

(n,n') Continuum
Cross Section

22-Ti-49
-2.043 To 9999. %



22

Incident Energy (eV)

22-Ti-49

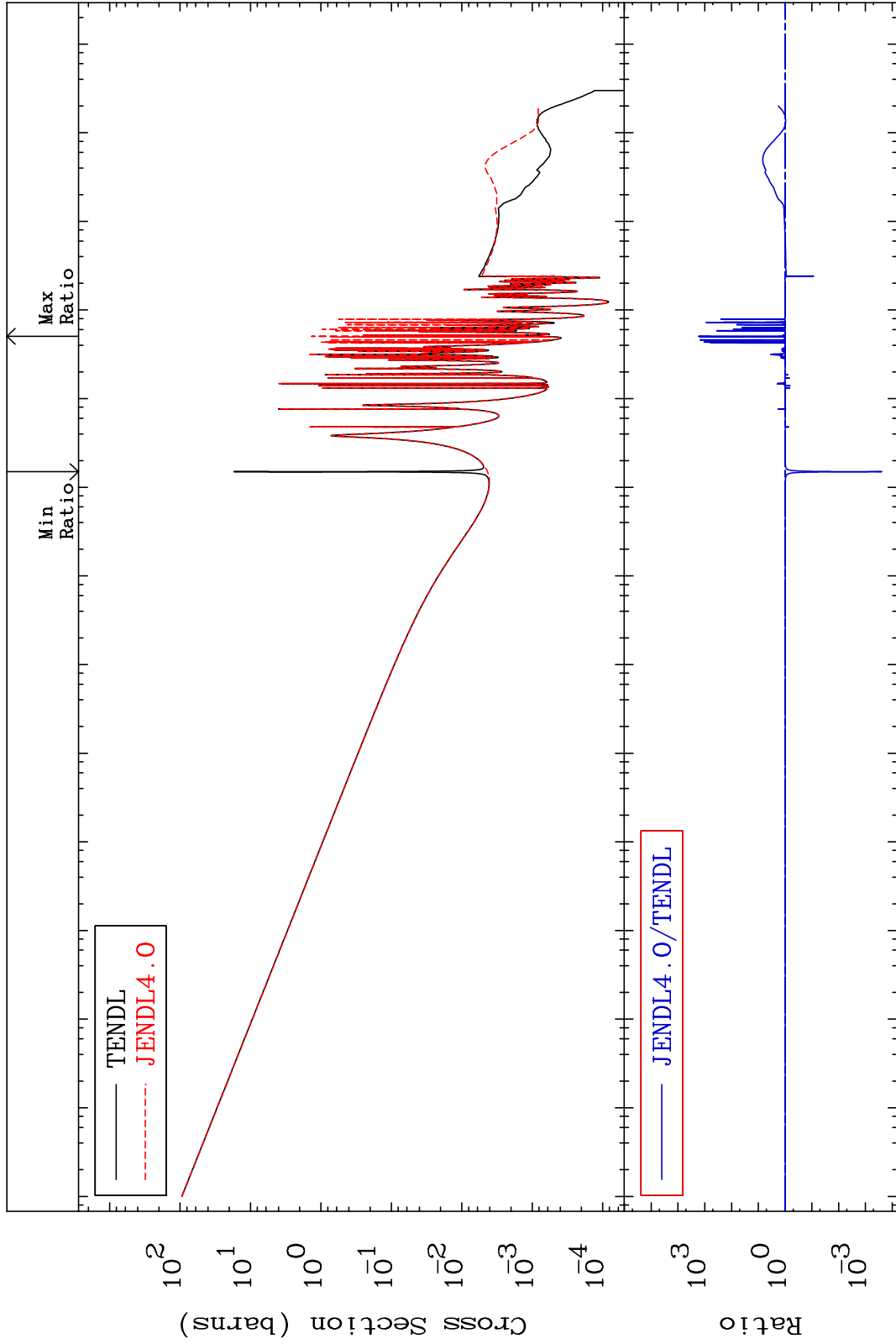
MAT 2234

(n, γ)

22-Ti-49

Cross Section

-99.97 To 9999. %



Incident Energy (eV)

22-Ti-49

23

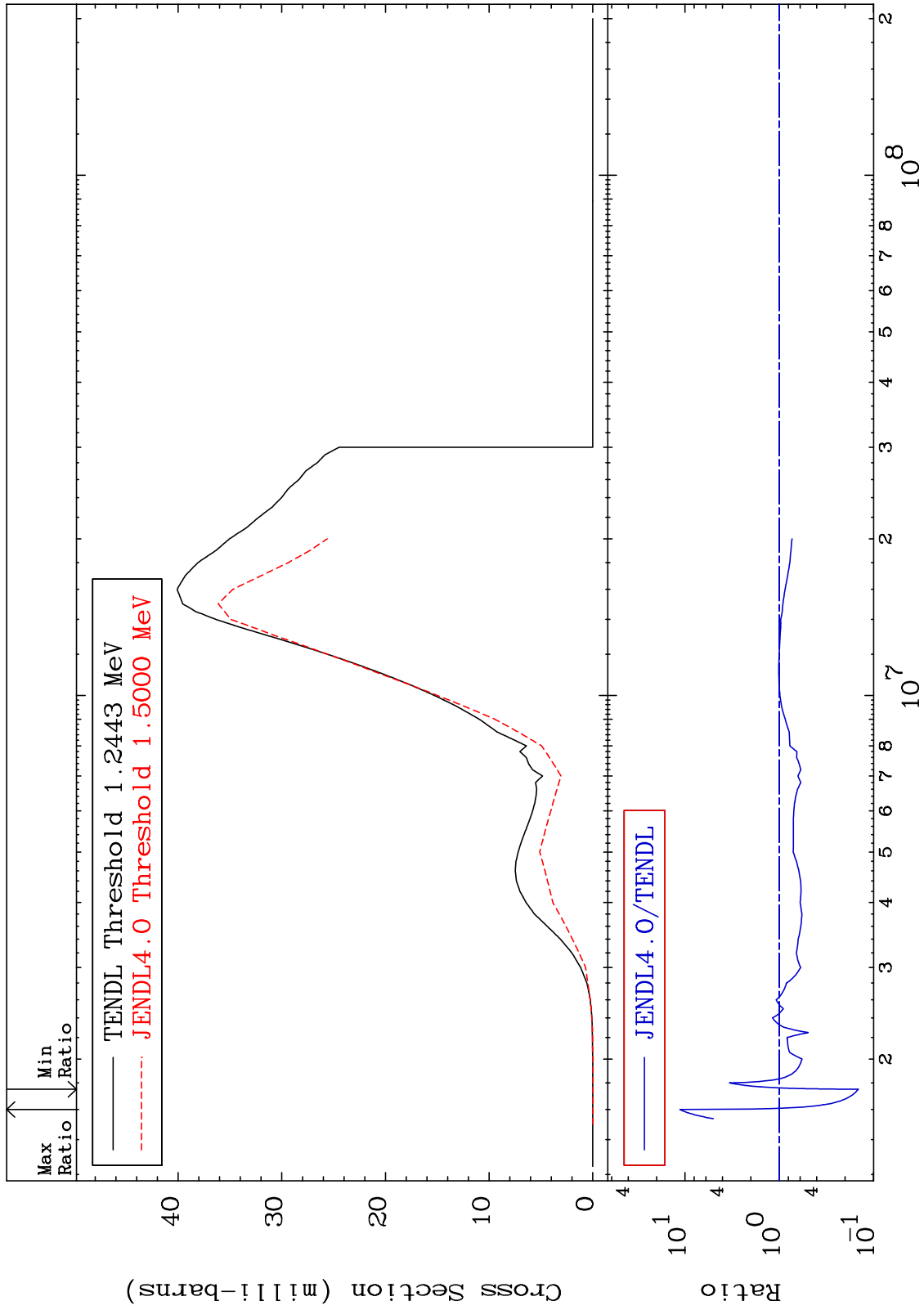
MAT 2234

(n,p)

22-Ti-49

Cross Section

-85.58 To 1028. %



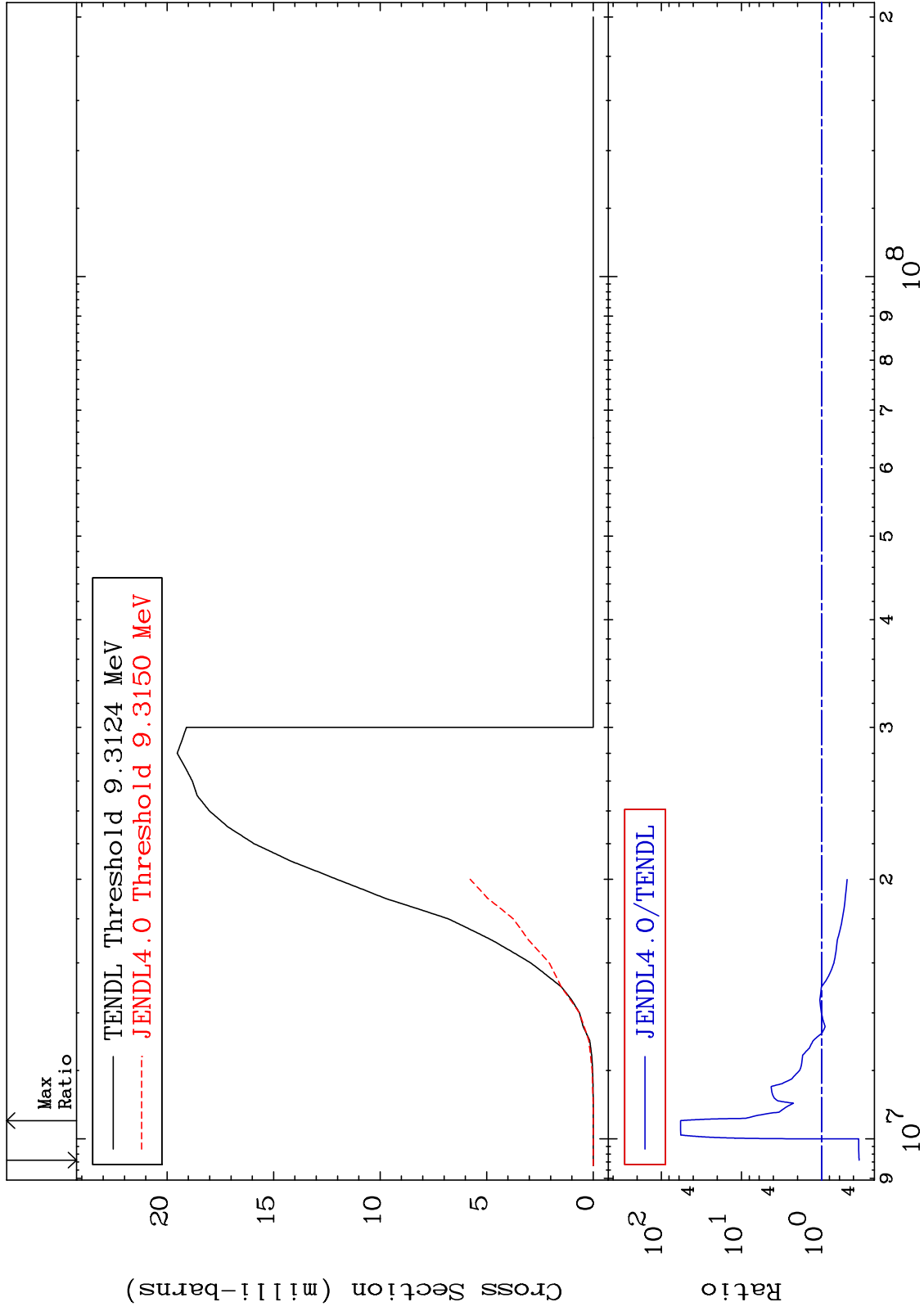
MAT 2234

(n,d)

22-Ti-49

Cross Section

-65.98 To 5639. %



22-Ti-49

Incident Energy (eV)

25

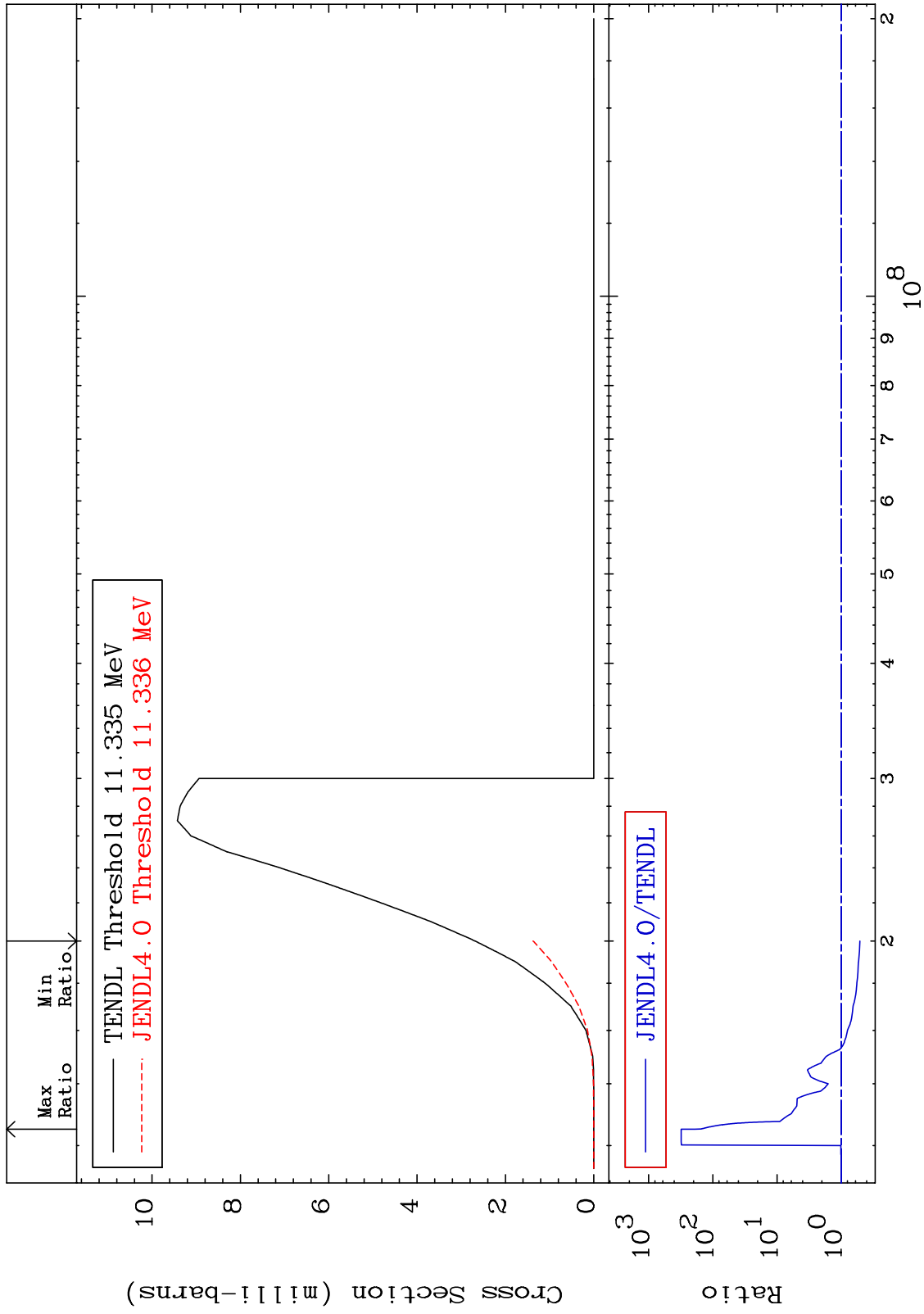
MAT 2234

(n, t)

22-Ti-49

Cross Section

-48.93 To 9999. %



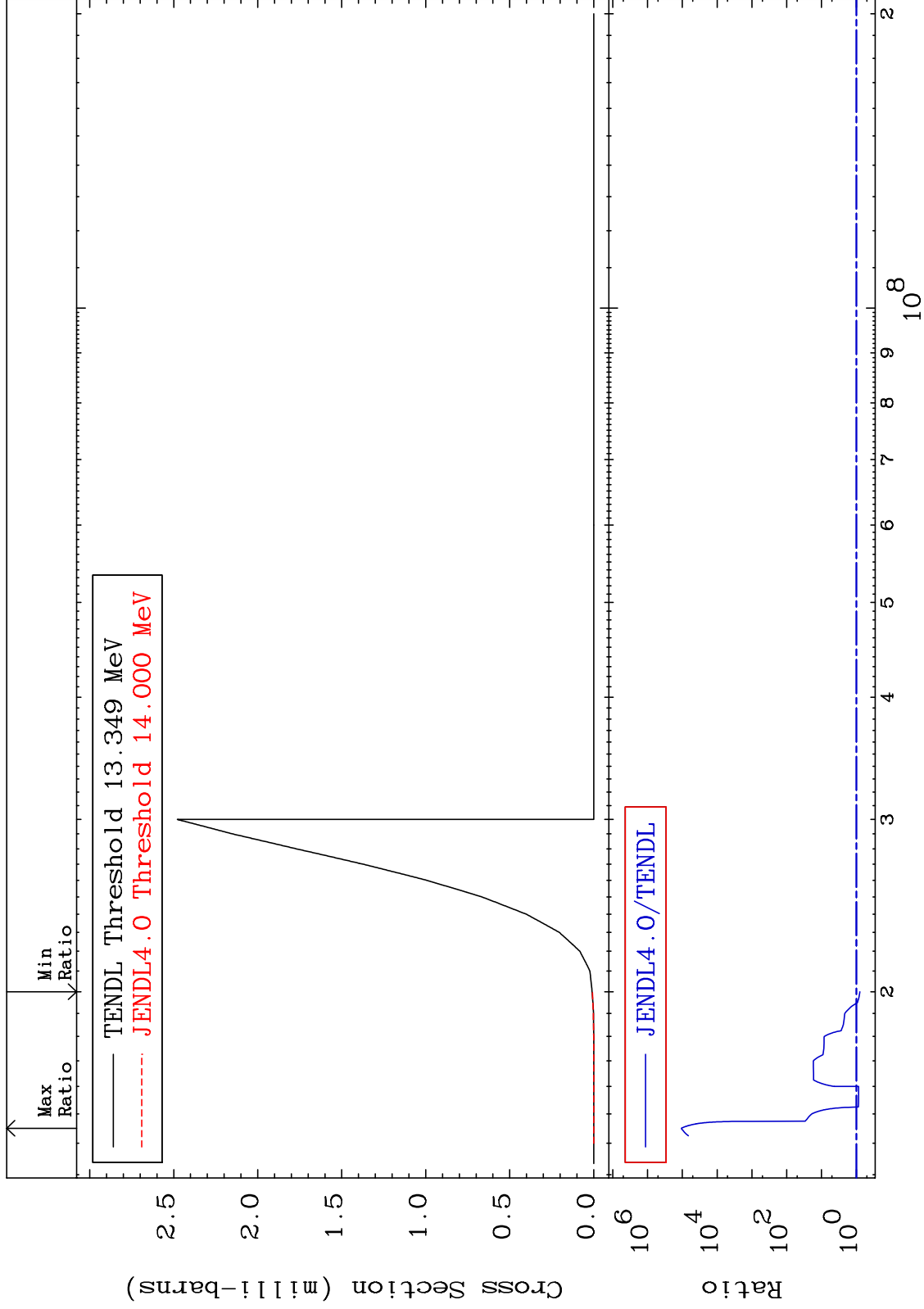
MAT 2234

(n, He-3)

22-Ti-49

Cross Section

-21.36 To 9999. %



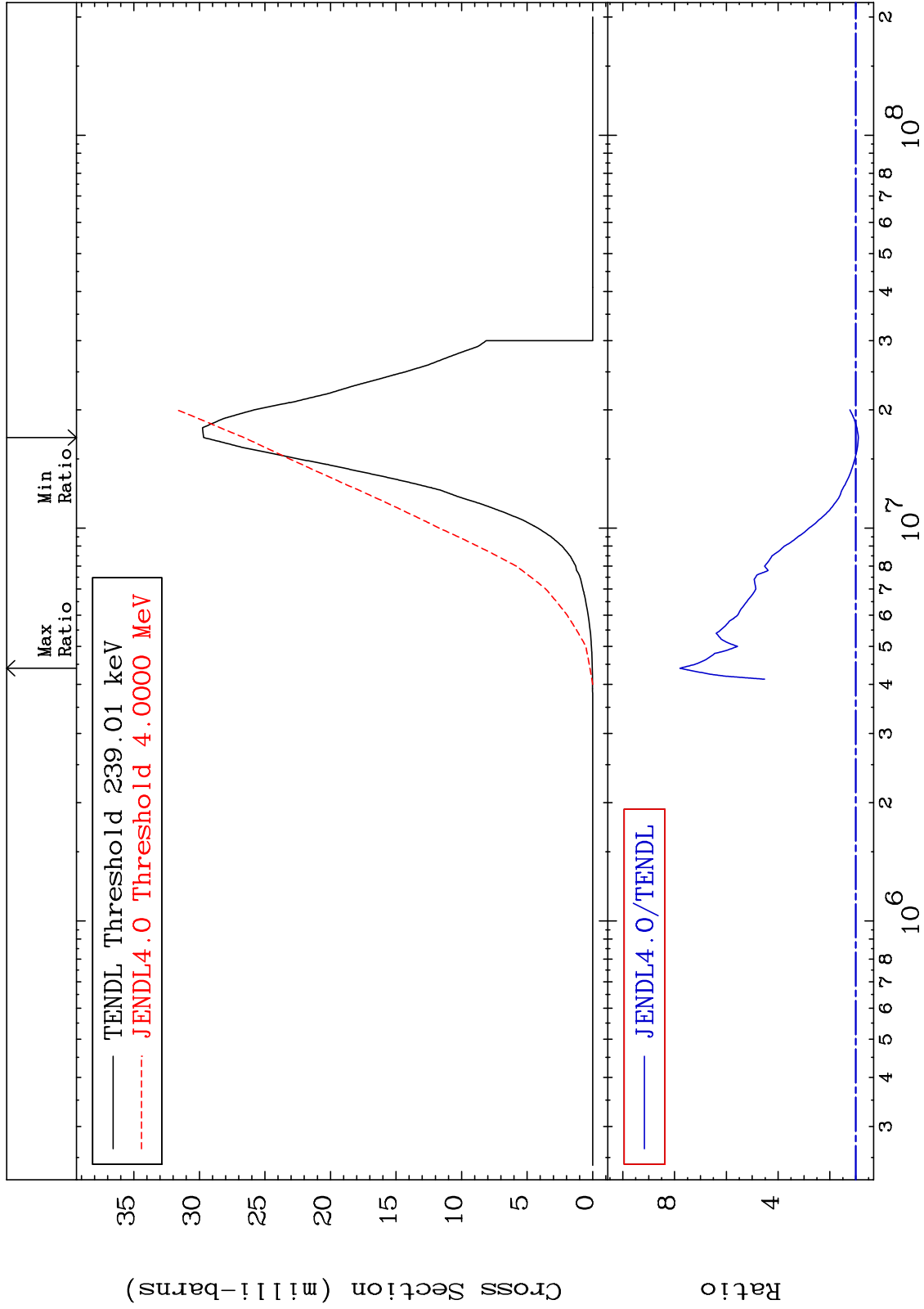
MAT 2234

(n, α)

22-Ti-49

Cross Section

-10.36 To 679.0 %



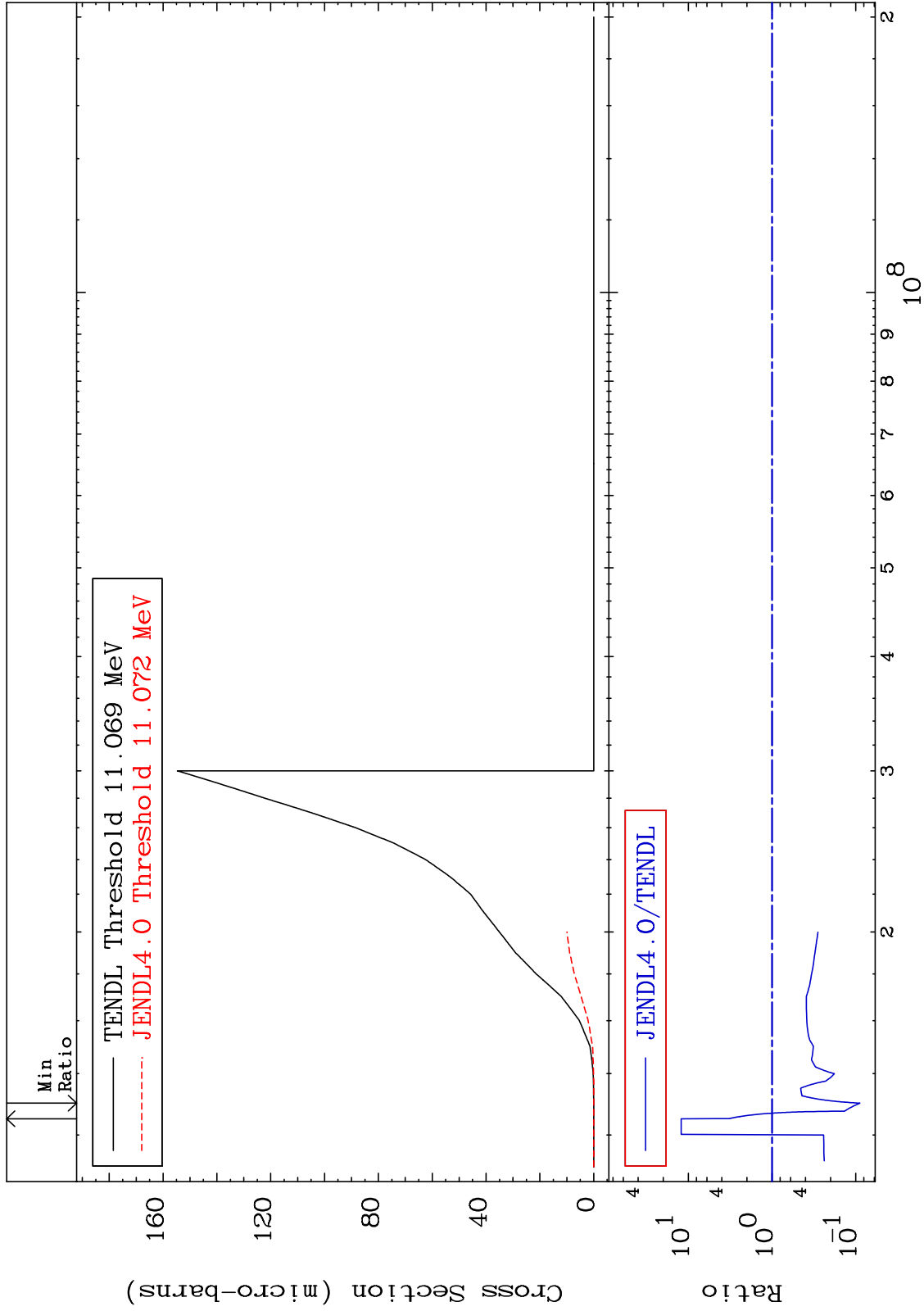
MAT 2234

(n,2p)

22-Ti-49

Cross Section

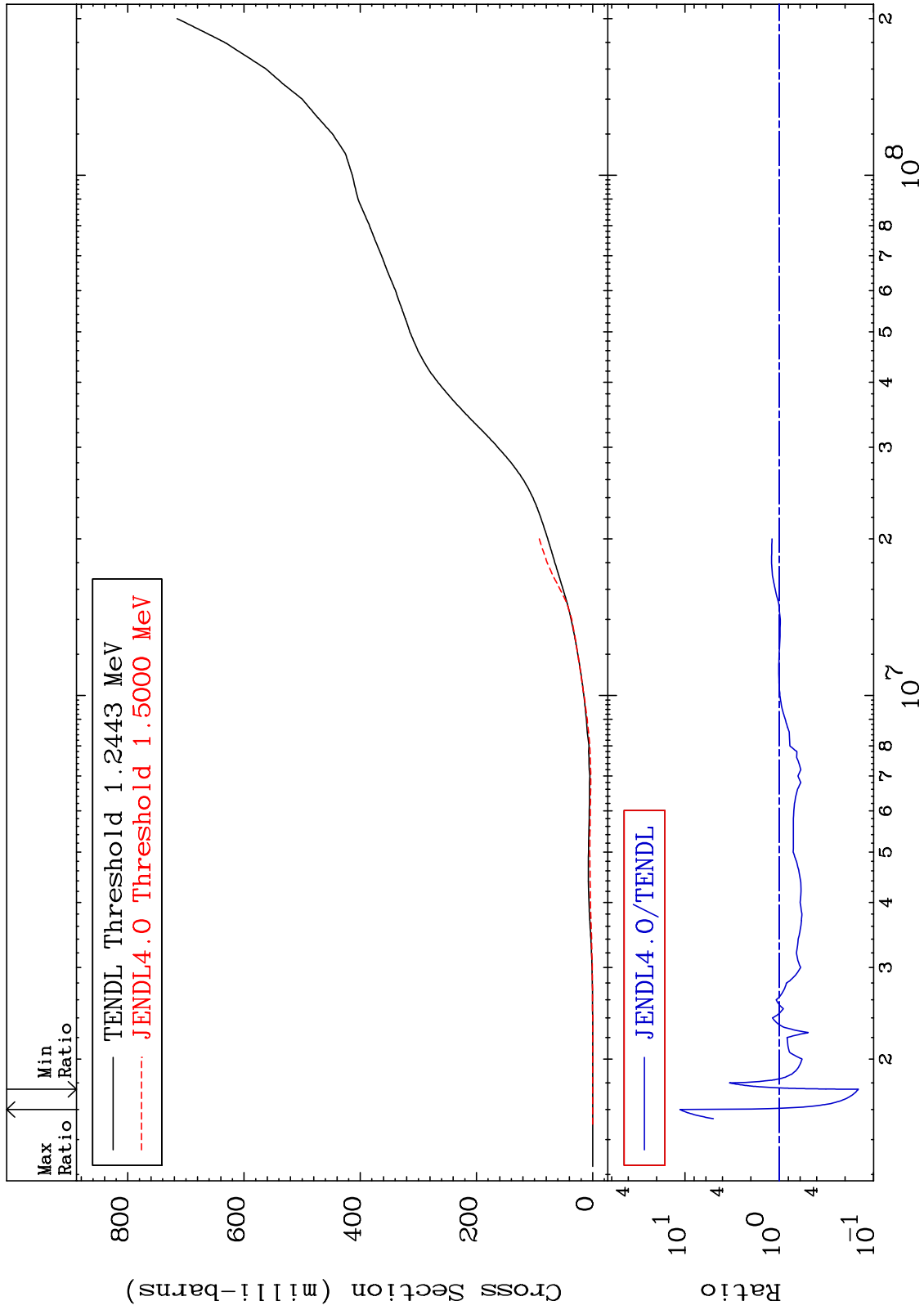
-91.08 To 1120. %



MAT 2234

Hydrogen Production
Cross Section

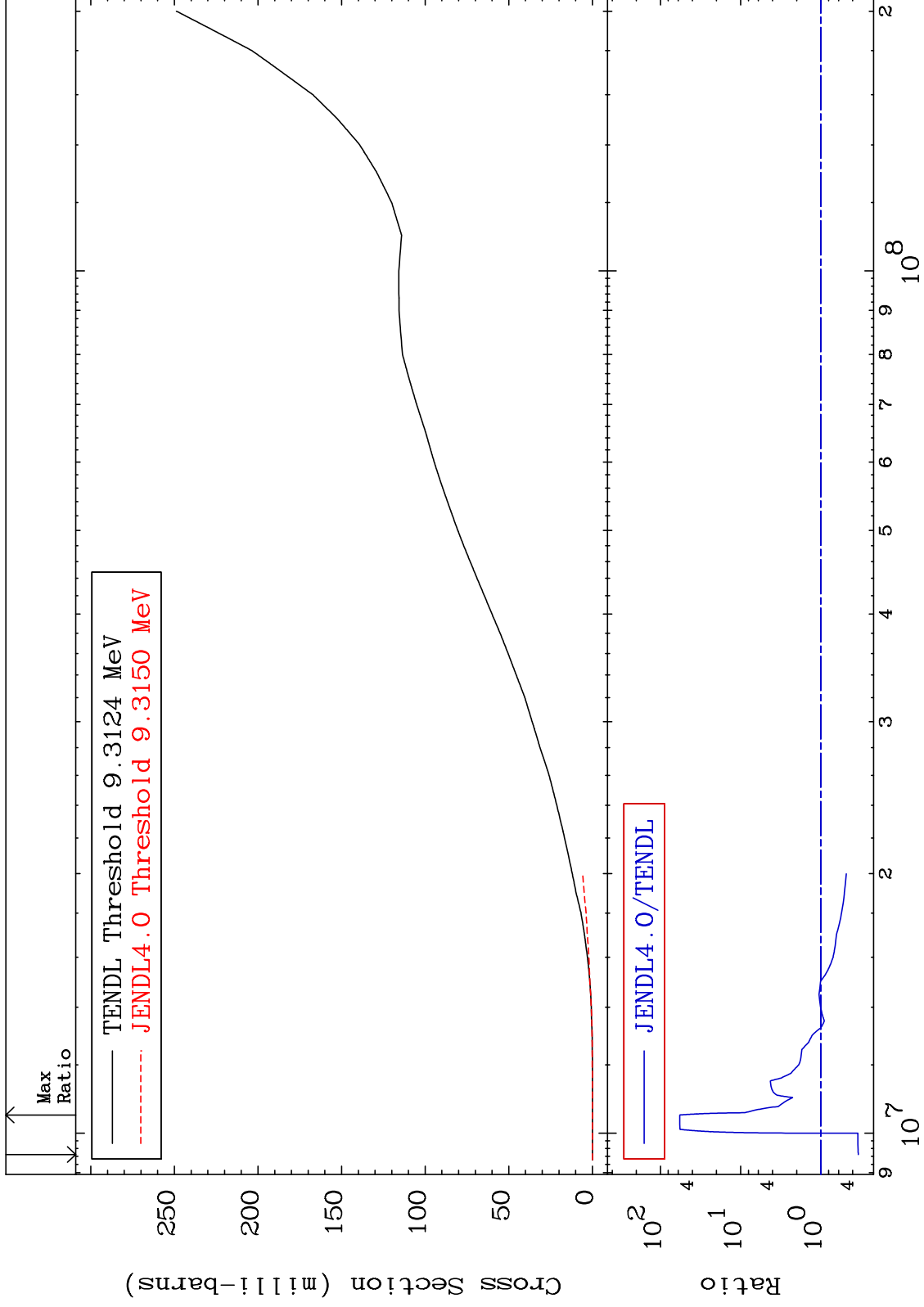
22-Ti-49
-85.58 To 1028. %



MAT 2234

Deuterium Production
Cross Section

22-Ti-49
-65.98 To 5639. %



31

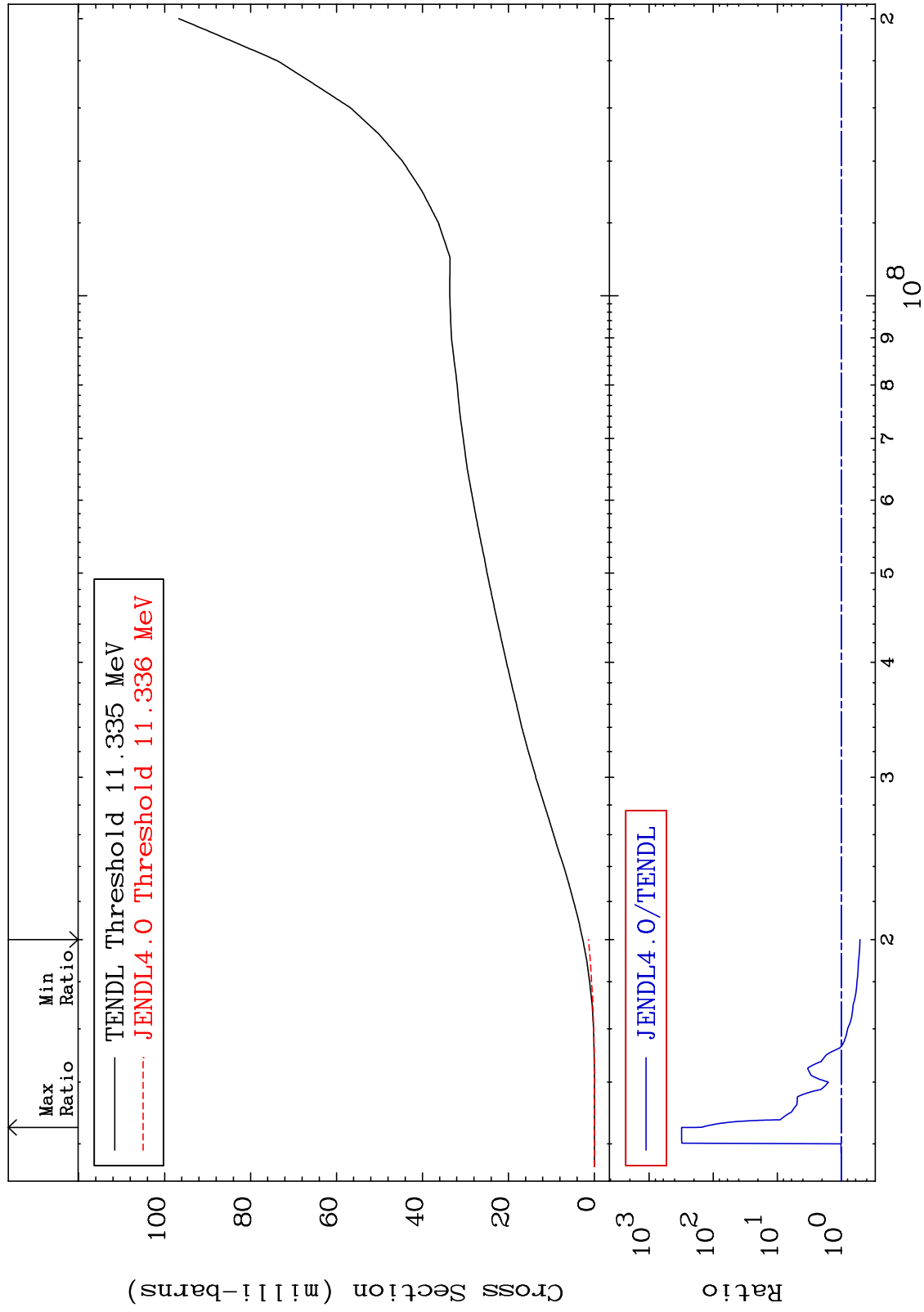
Incident Energy (eV)

22-Ti-49

MAT 2234

Tritium Production
Cross Section

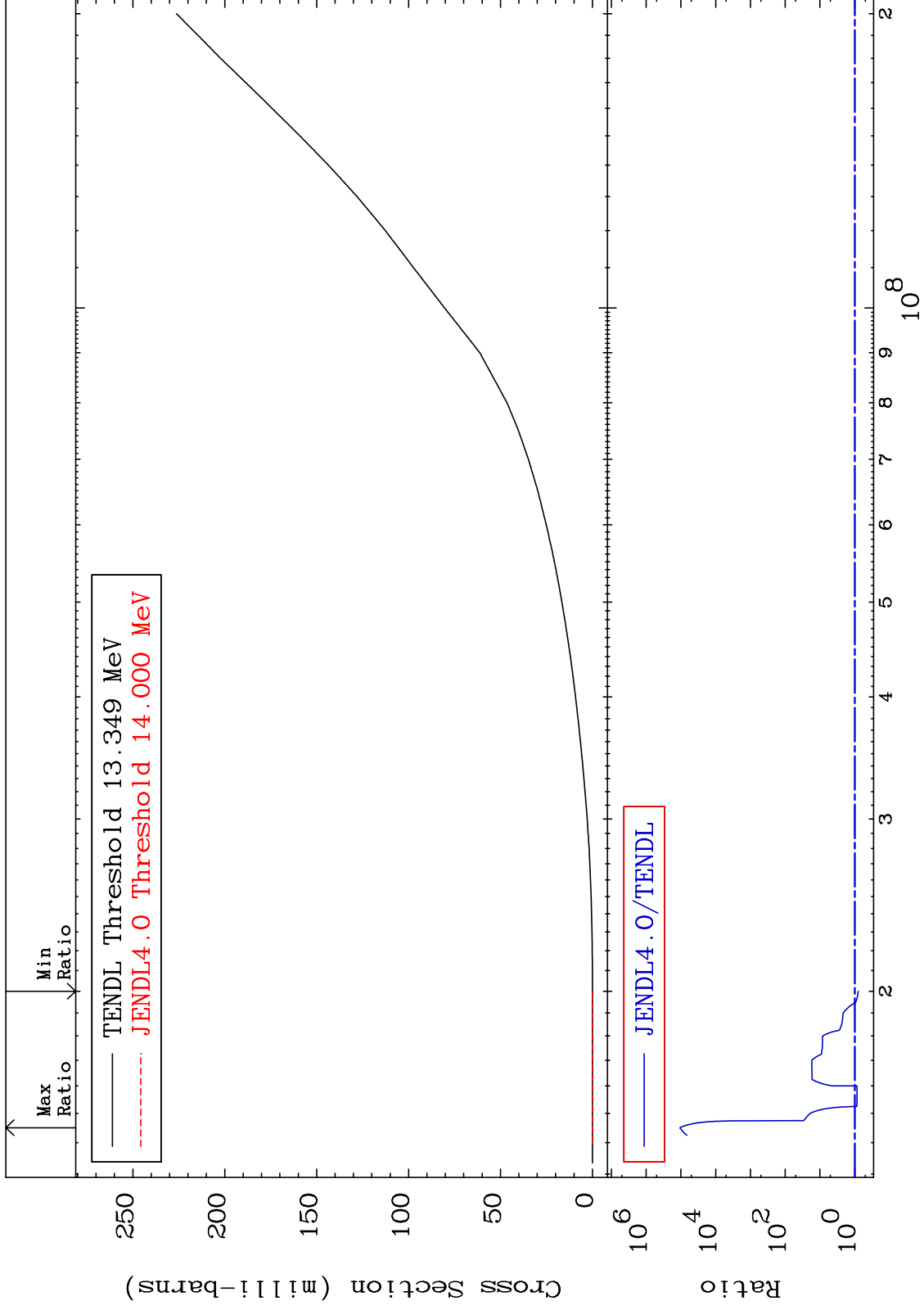
22-Ti-49
-48.93 To 9999. %



MAT 2234

He-3 Production
Cross Section

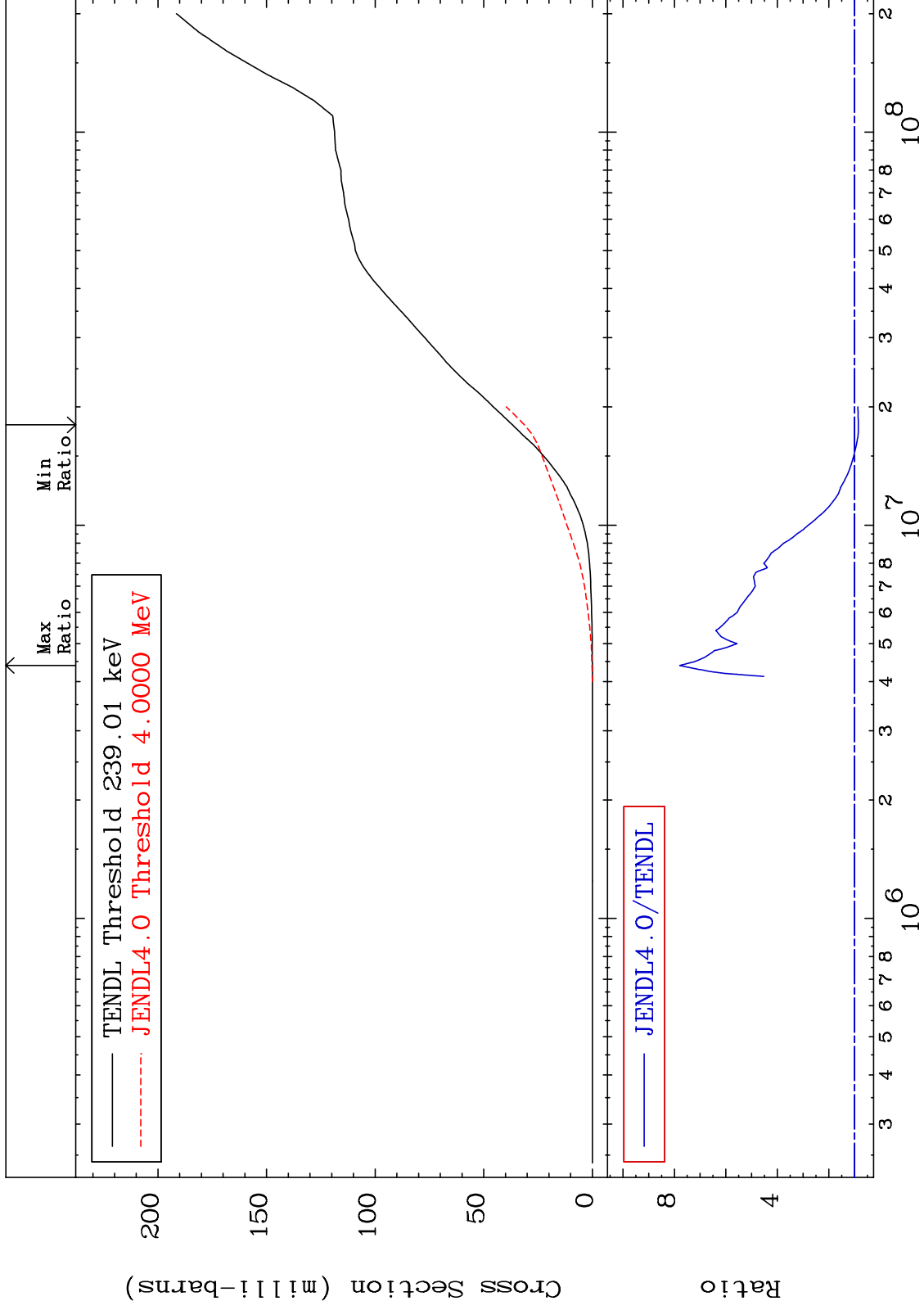
22-Ti-49
-21.36 To 9999. %



MAT 2234

He-4 Production
Cross Section

22-Ti-49
-14.95 To 679.0 %



34

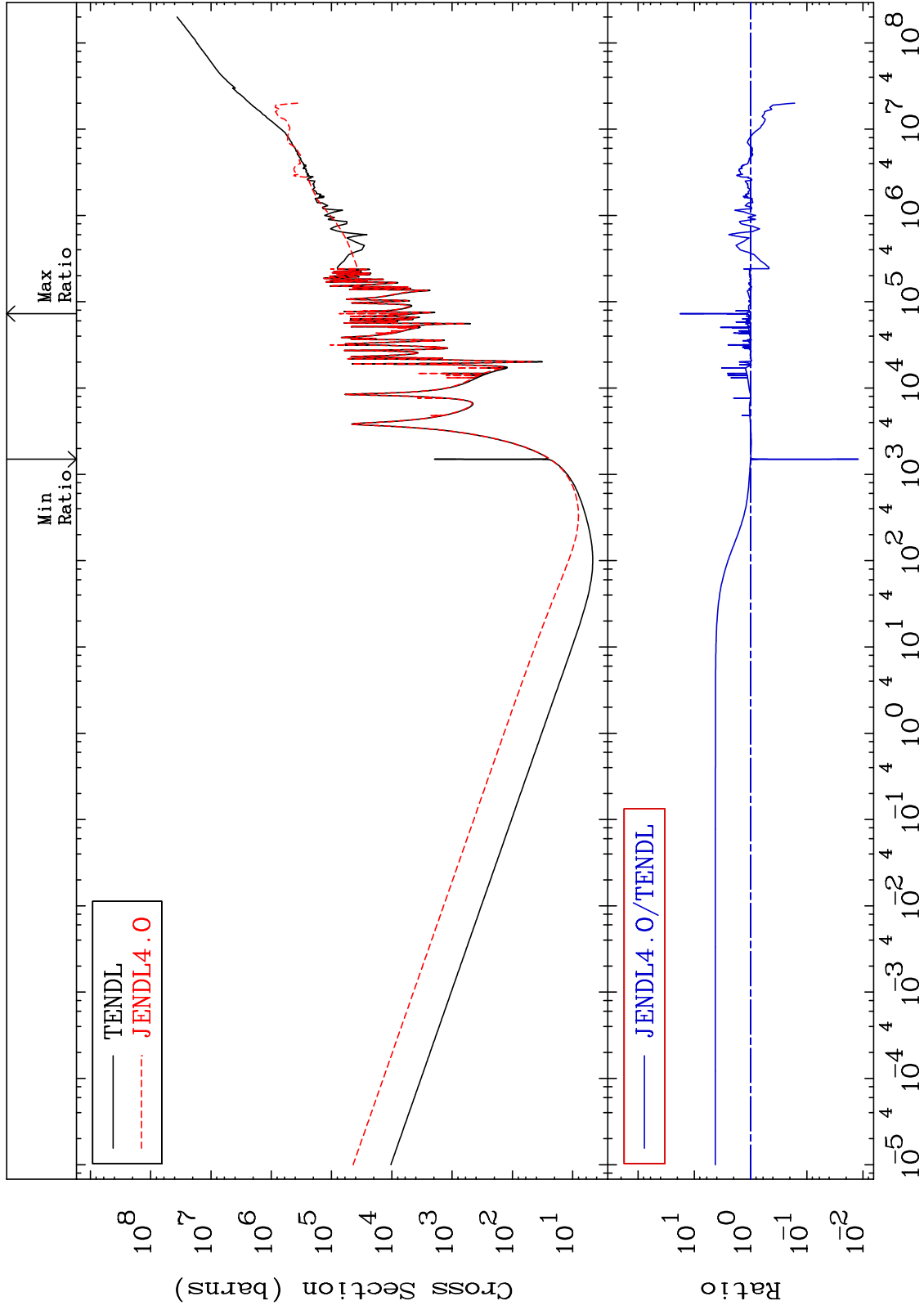
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma total (eV-barns)
Cross Section

22-Ti-49
-98.79 To 1697. %



35

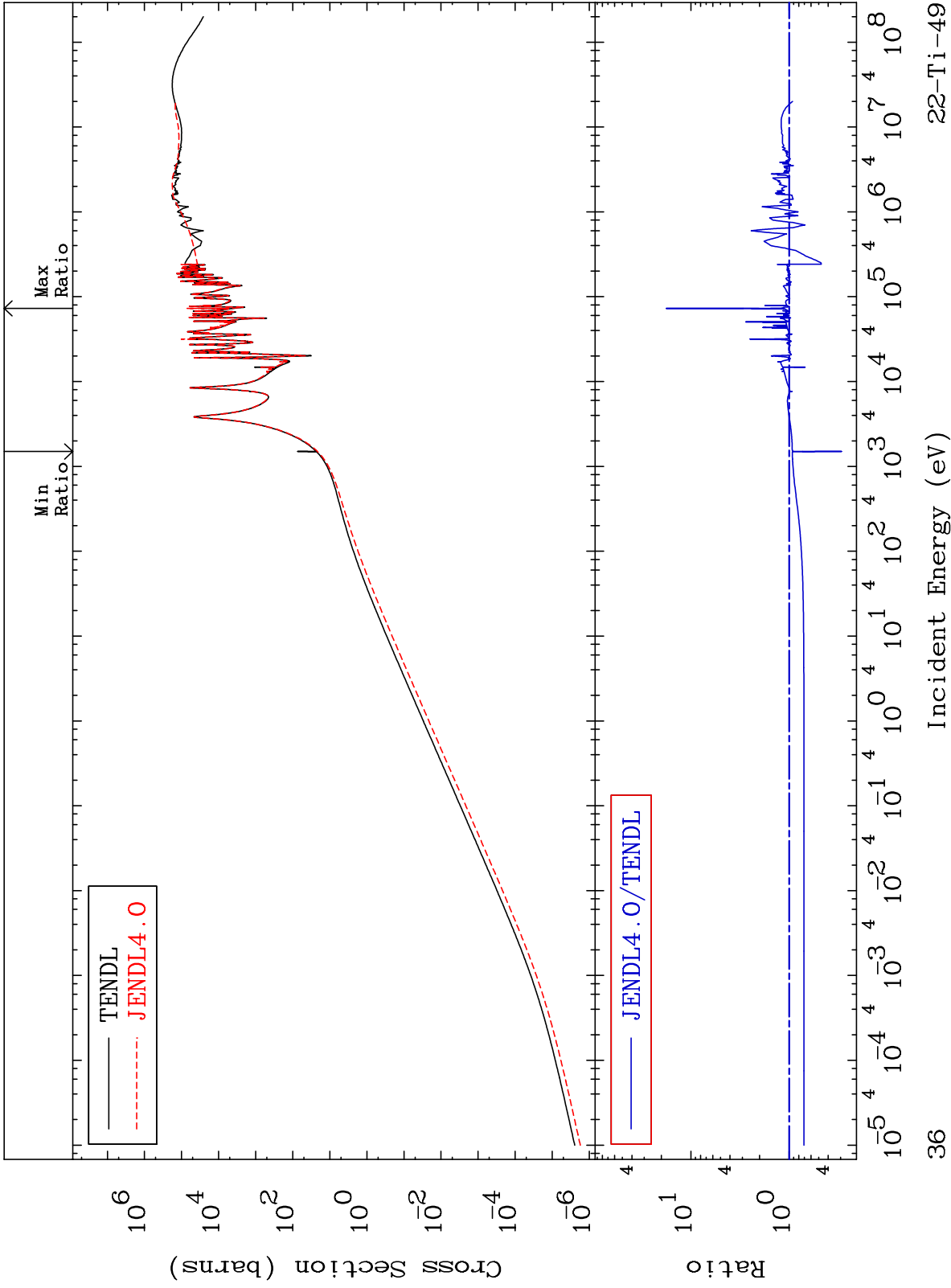
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma elastic
Cross Section

22-Ti-49
-70.69 To 1691. %



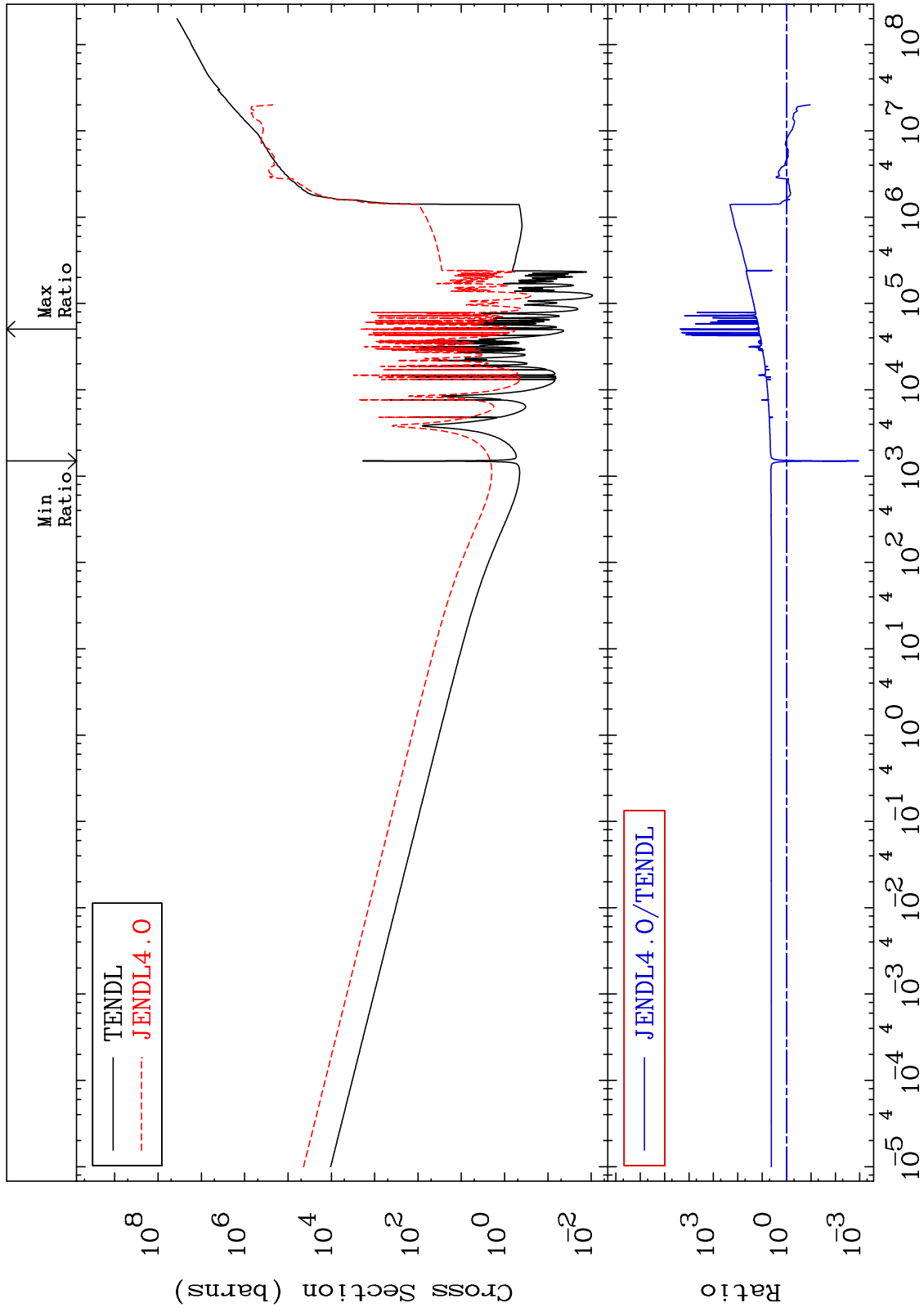
36

22-Ti-49

MAT 2234

Kerma non-elastic (all but mt2)
Cross Section

22-Ti-49
-99.89 To 9999. %



37

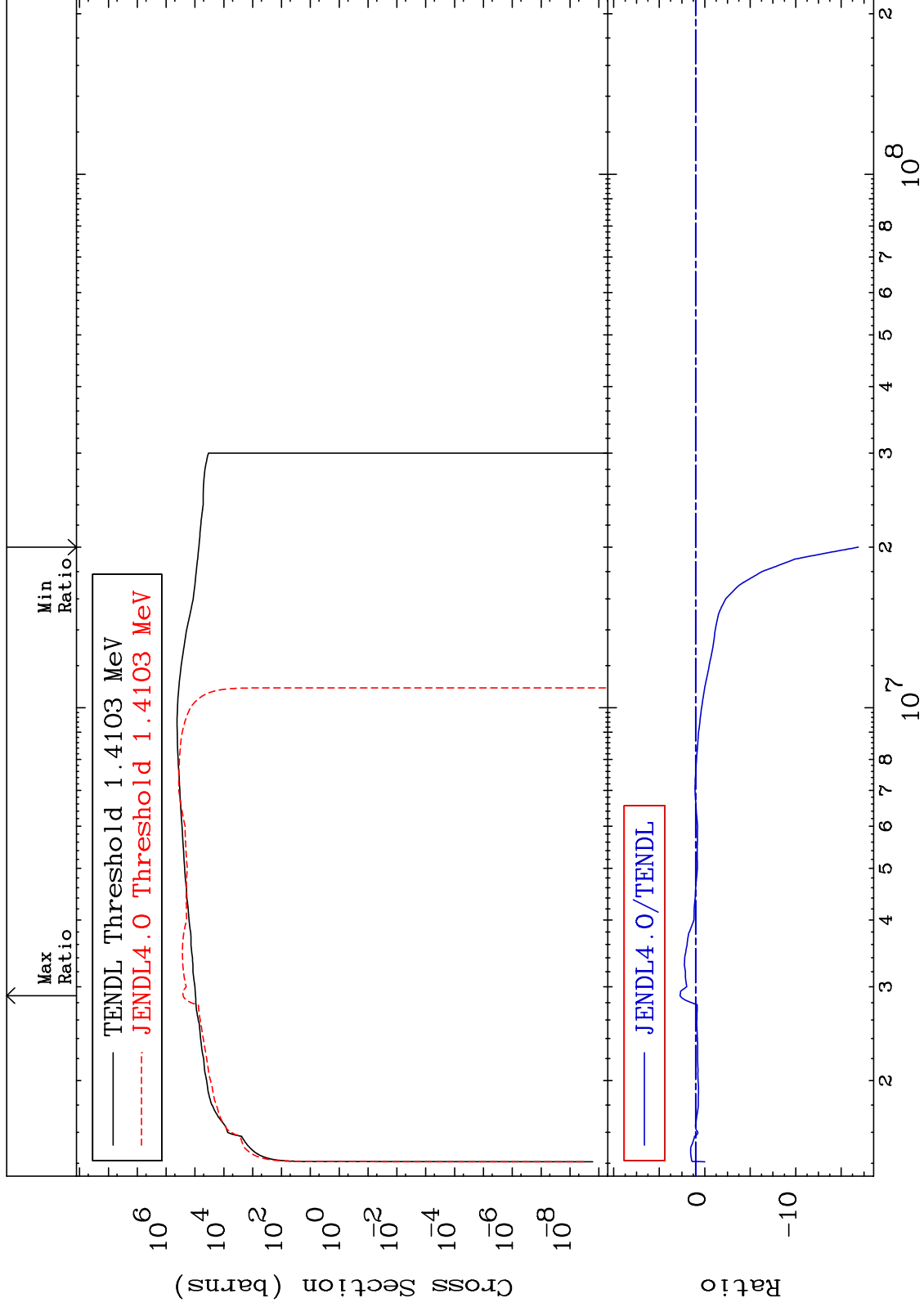
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma inelastic (mt51-91)
Cross Section

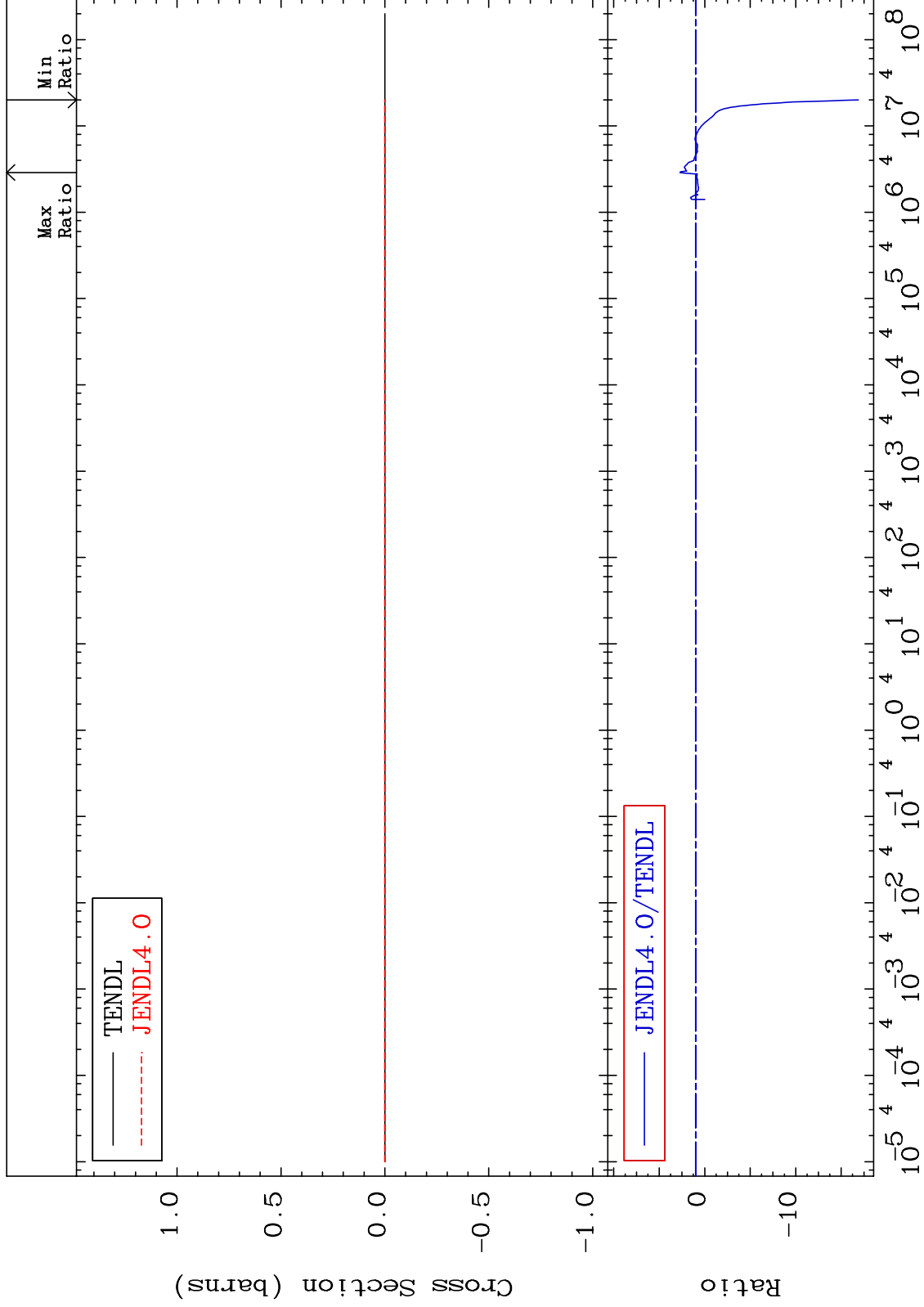
22-Ti-49
-1789. To 171.4 %



MAT 2234

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

22-Ti-49
-1789. To 171.4 %



39

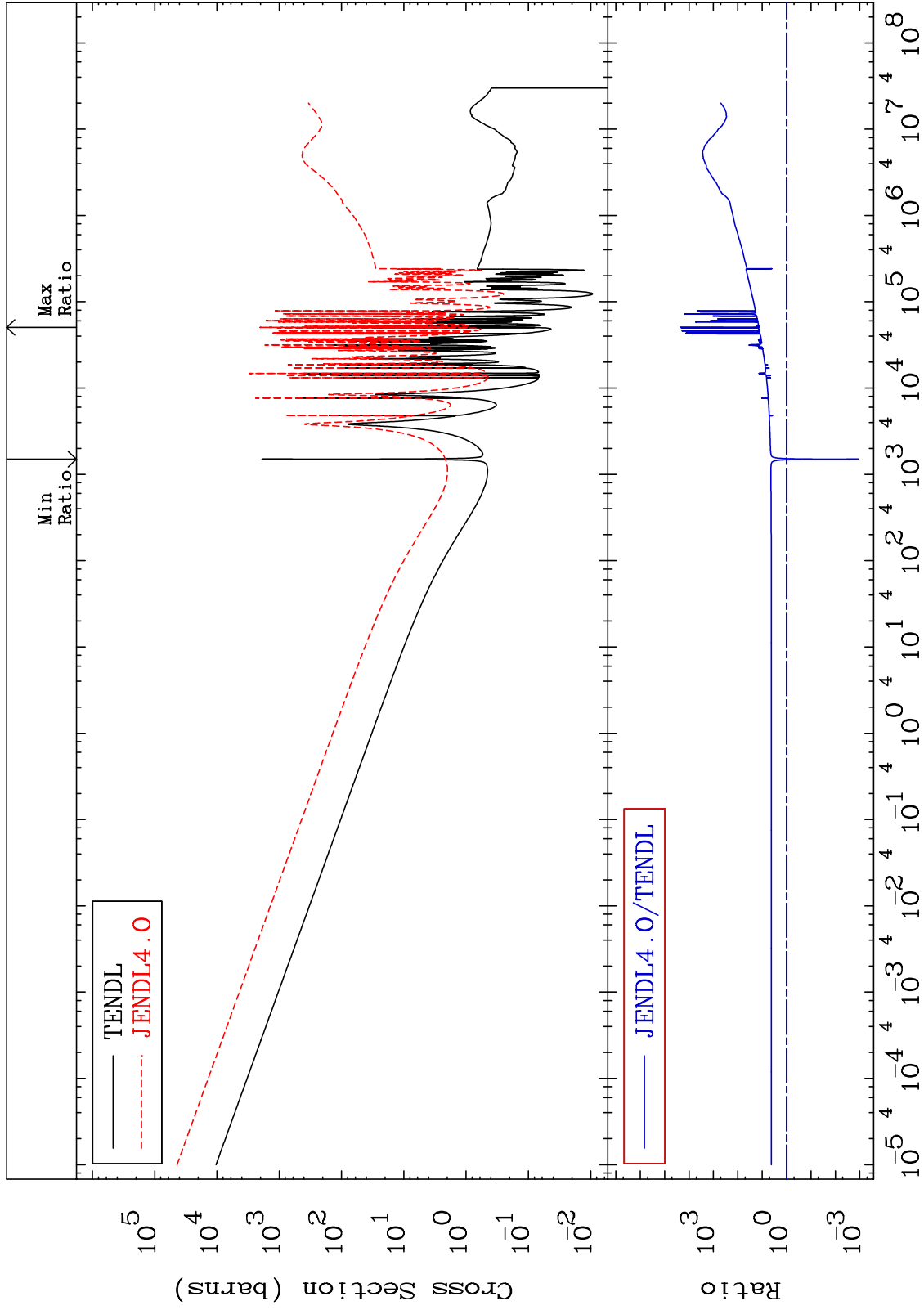
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma capture (mt102)
Cross Section

22-Ti-49
-99.89 To 9999. %



40

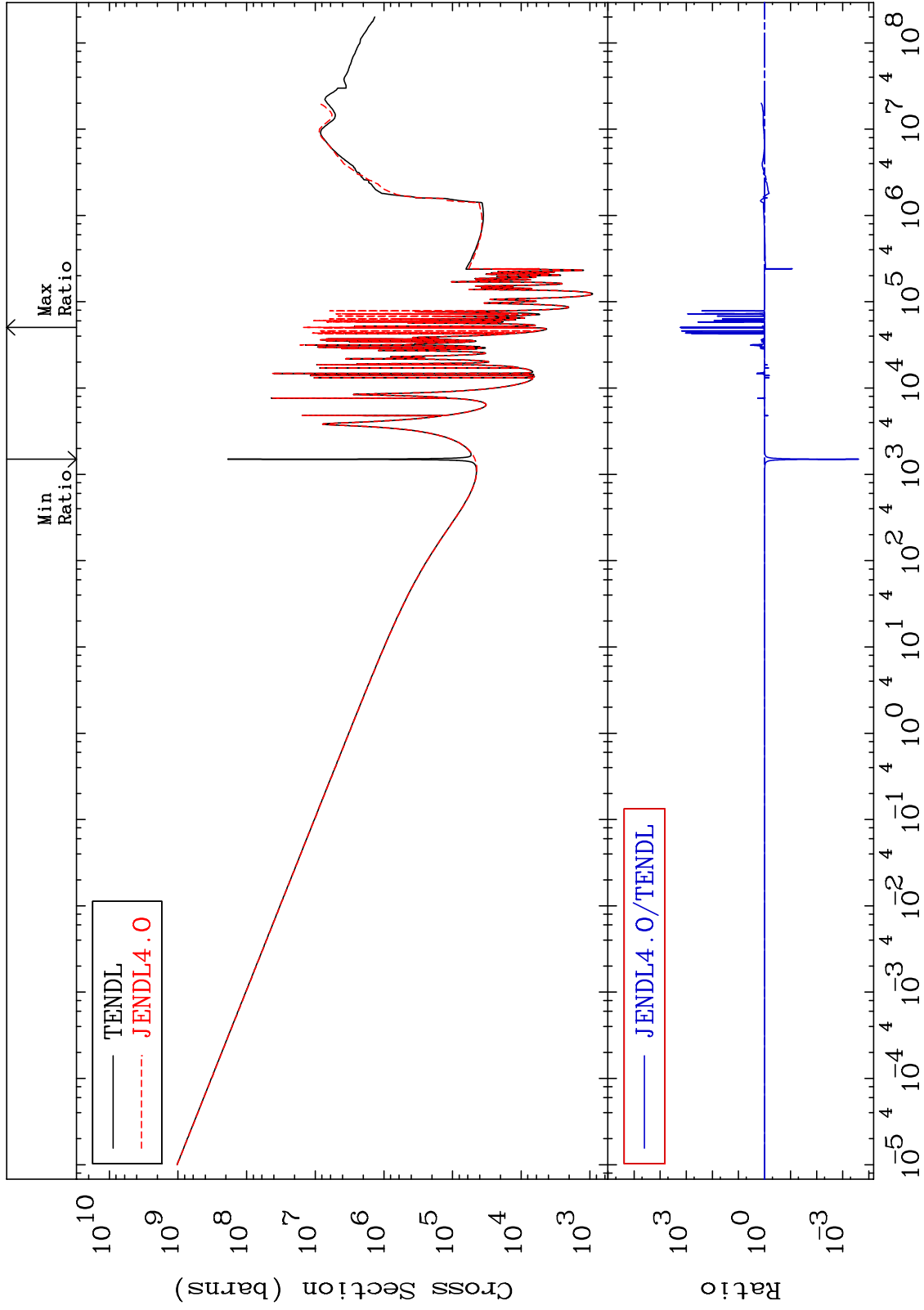
Incident Energy (eV)

22-Ti-49

MAT 2234

Total photon (eV-barns)
Cross Section

22-Ti-49
-99.97 To 9999. %



41

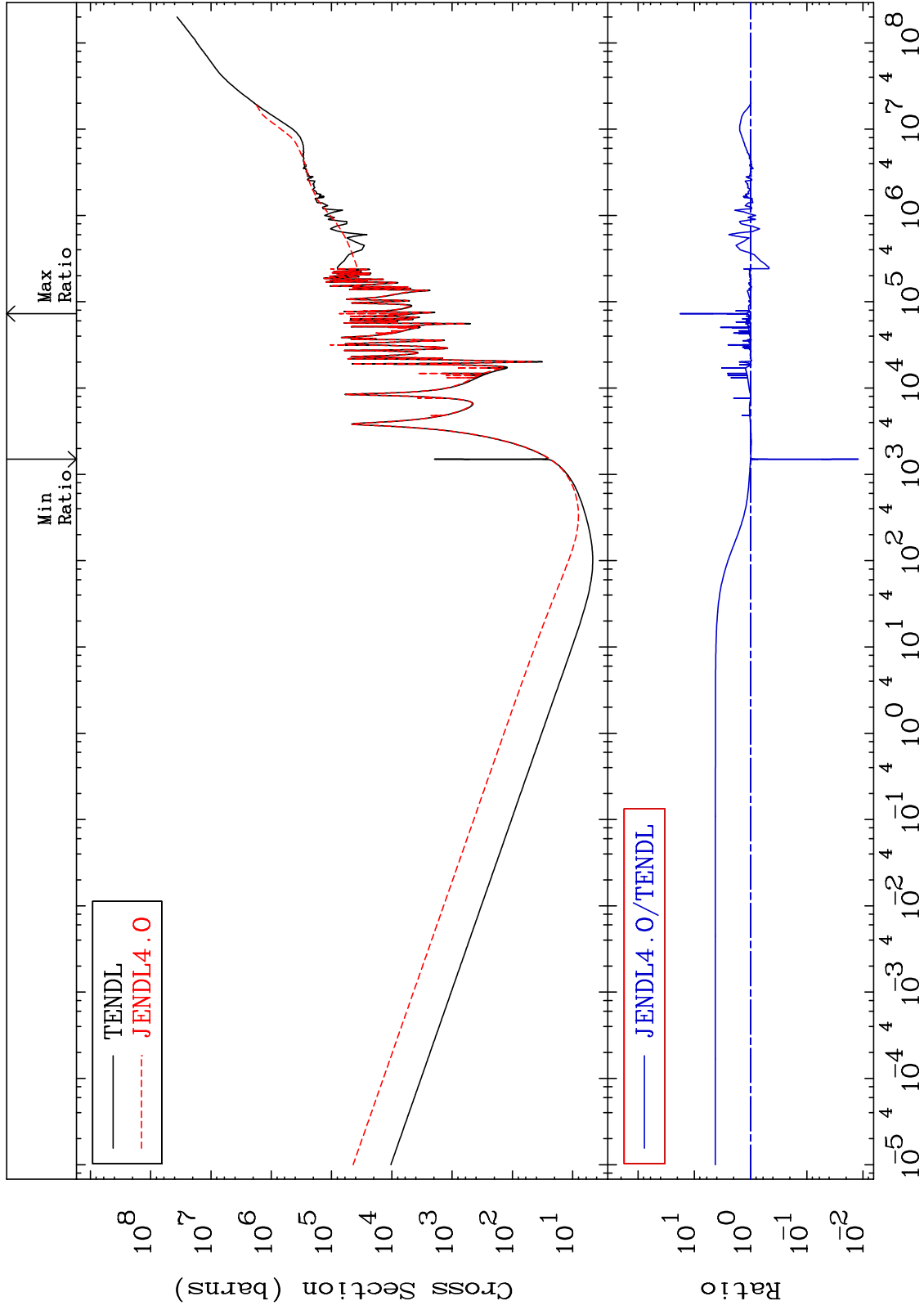
Incident Energy (eV)

22-Ti-49

MAT 2234

Total kinematic kerma (high limit)
Cross Section

22-Ti-49
-98.79 To 1697. %



42

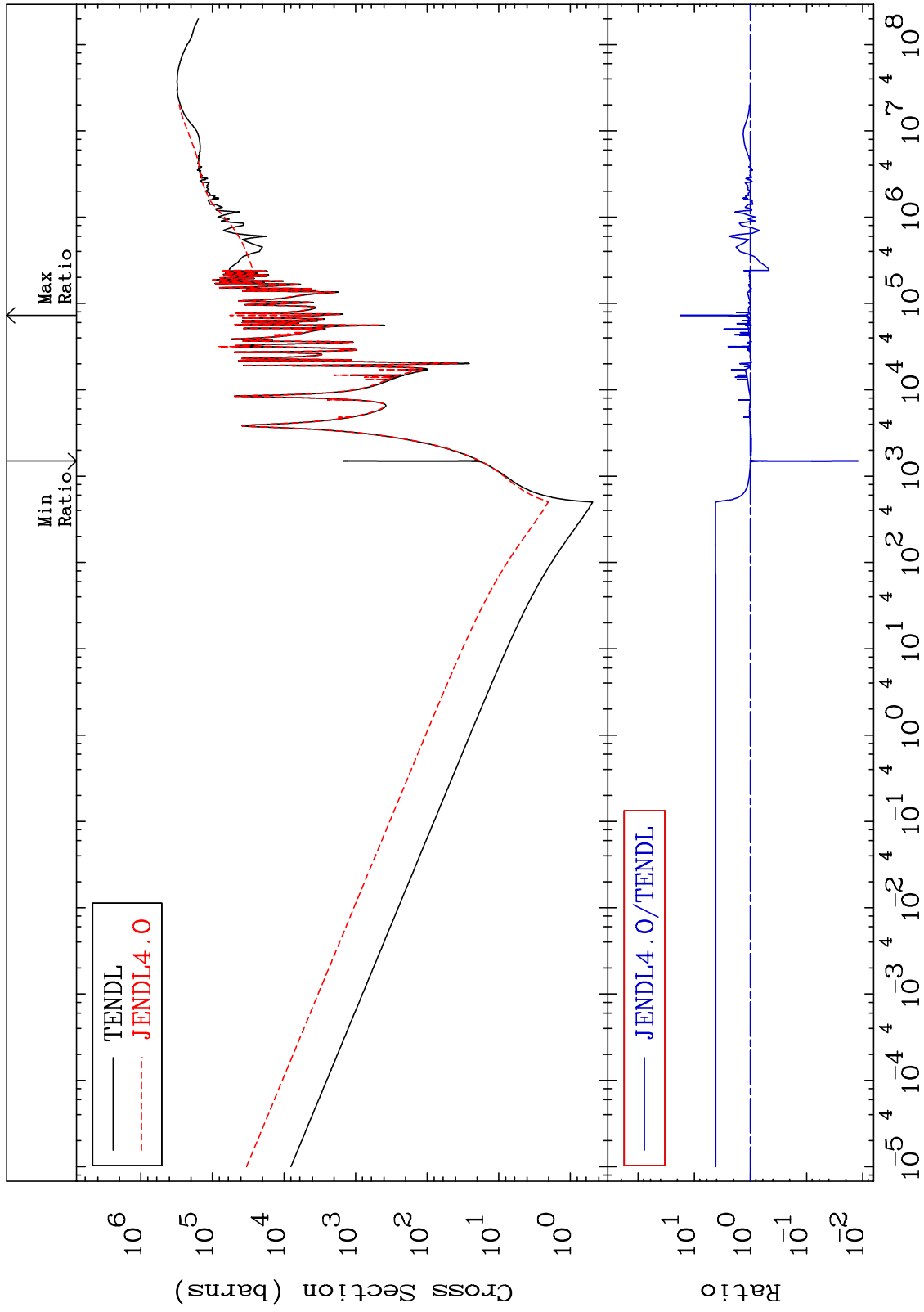
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa total (eV-barns)
Cross Section

22-Ti-49
-98.80 To 1693. %



43

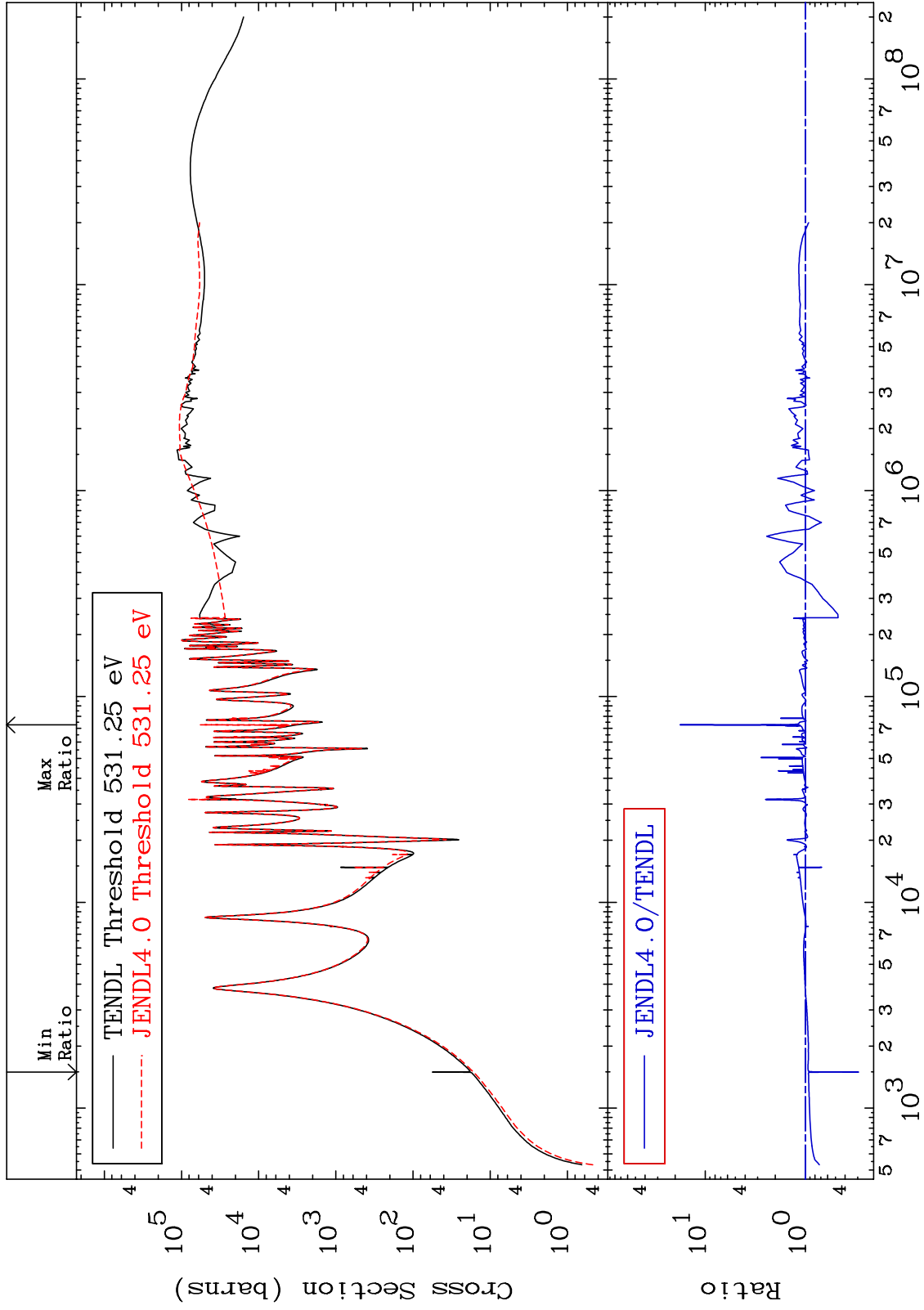
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa elastic (mt2)
Cross Section

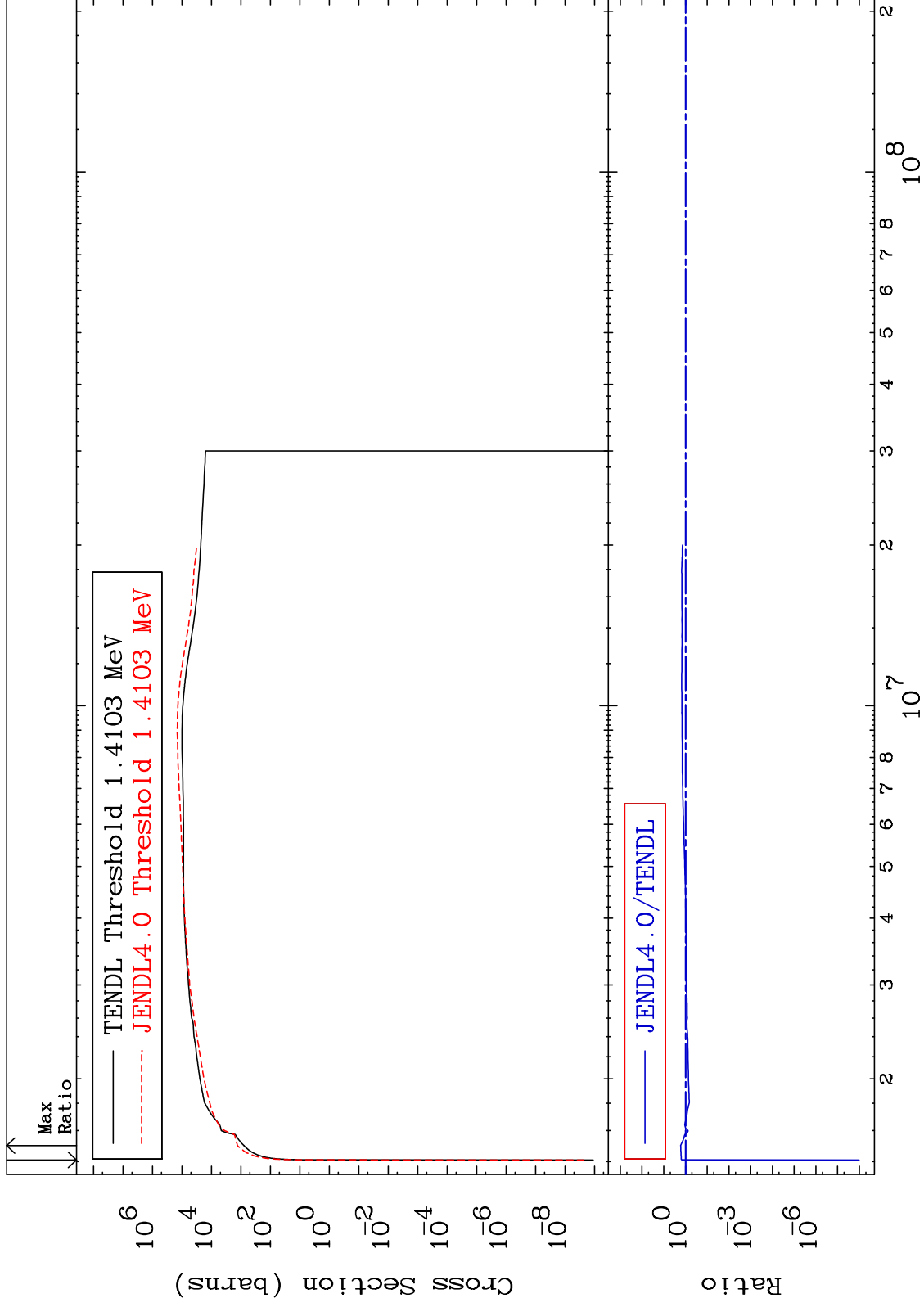
22-Ti-49
-70.54 To 1691. %



MAT 2234

Dpa inelastic (mt51-91)
Cross Section

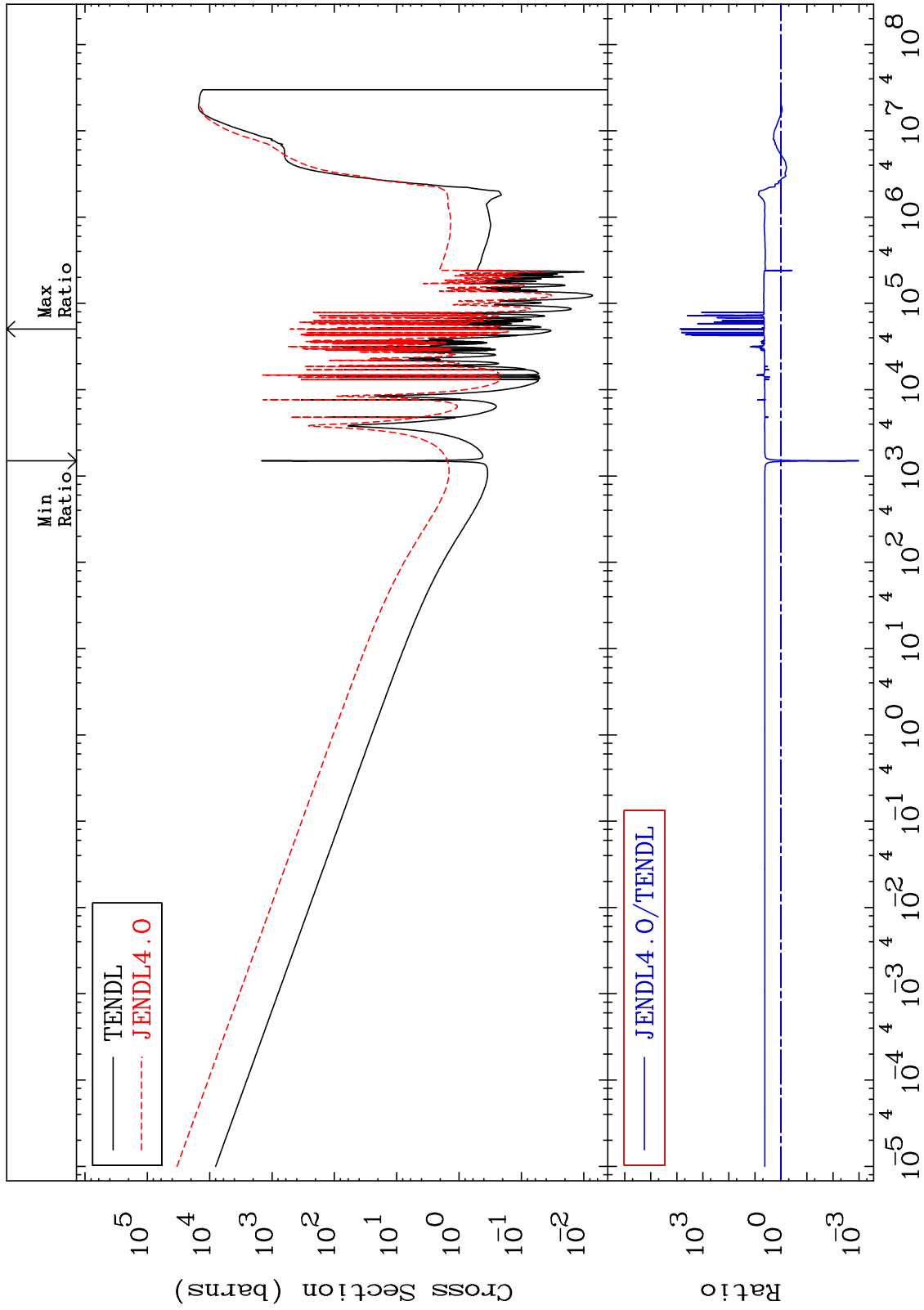
22-Ti-49
-100.0 To 67.18 %



MAT 2234

Dpa disappearance (mt102 -120)
Cross Section

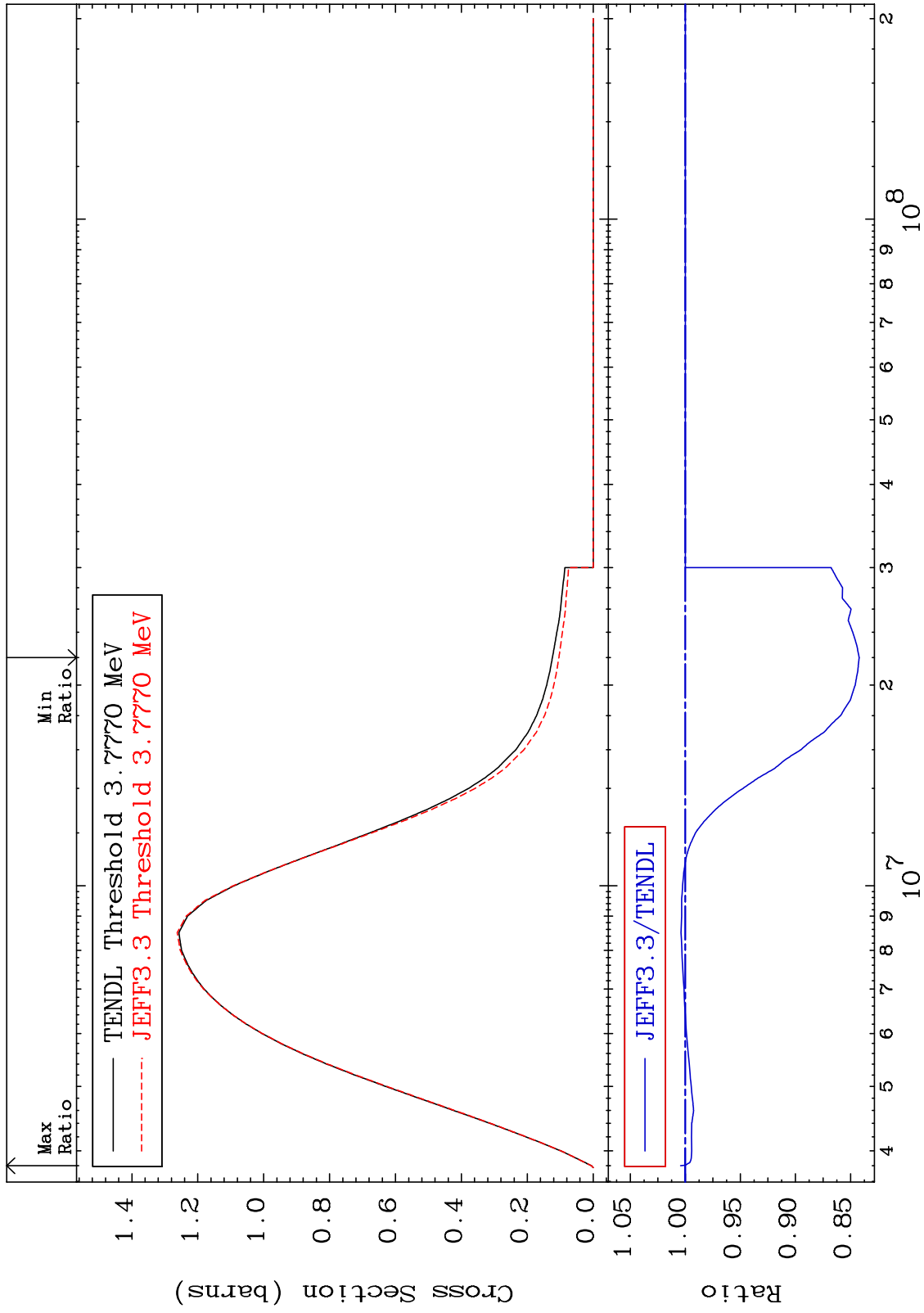
22-Ti-49
-99.89 To 9999. %



MAT 2234

(n,n') Continuum
Cross Section

22-Ti-49
-15.78 To 0.427 %



47

Incident Energy (eV)

22-Ti-49

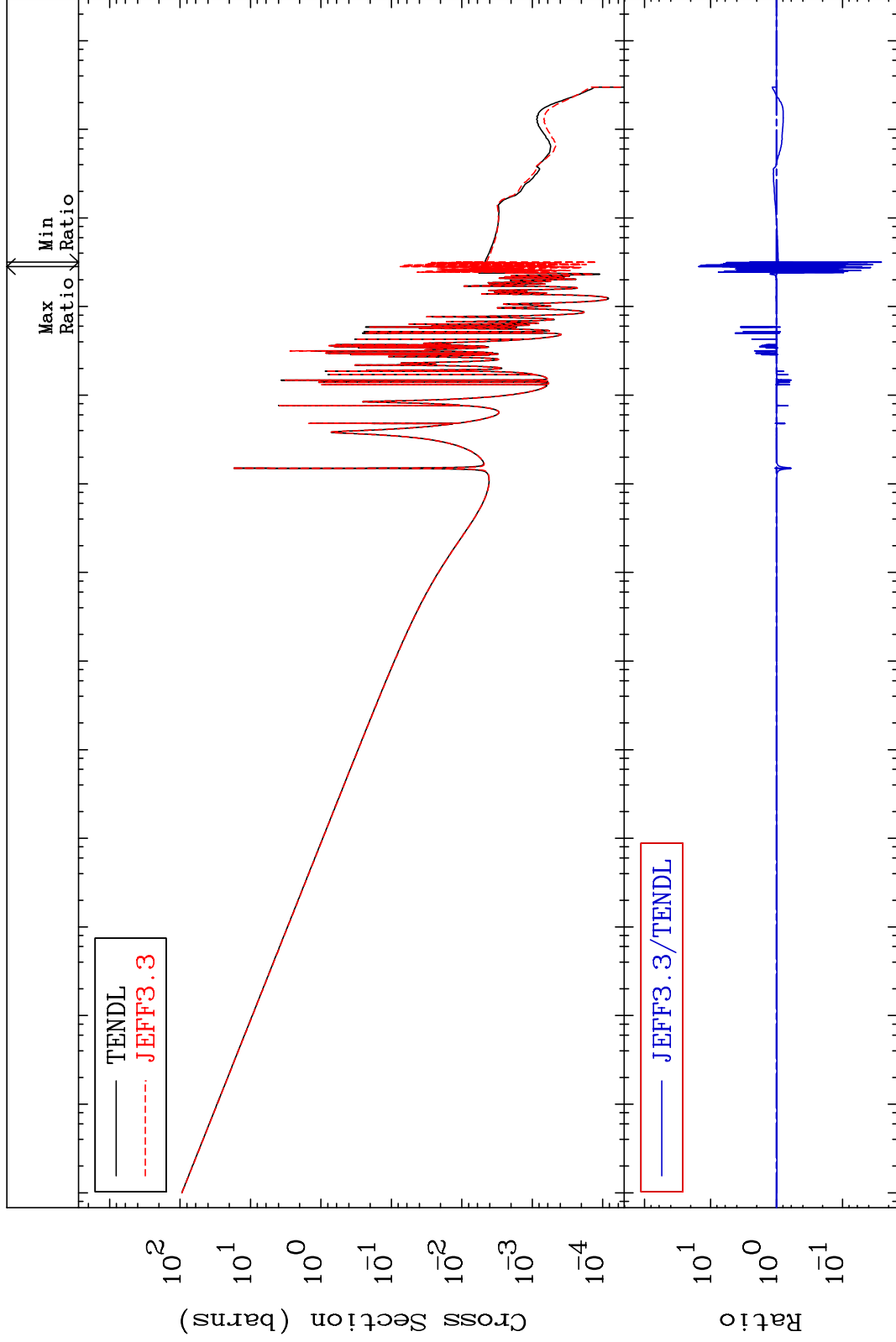
MAT 2234

(n, γ)

22-Ti-49

Cross Section

-97.43 To 1430. %



48

Incident Energy (eV)

22-Ti-49

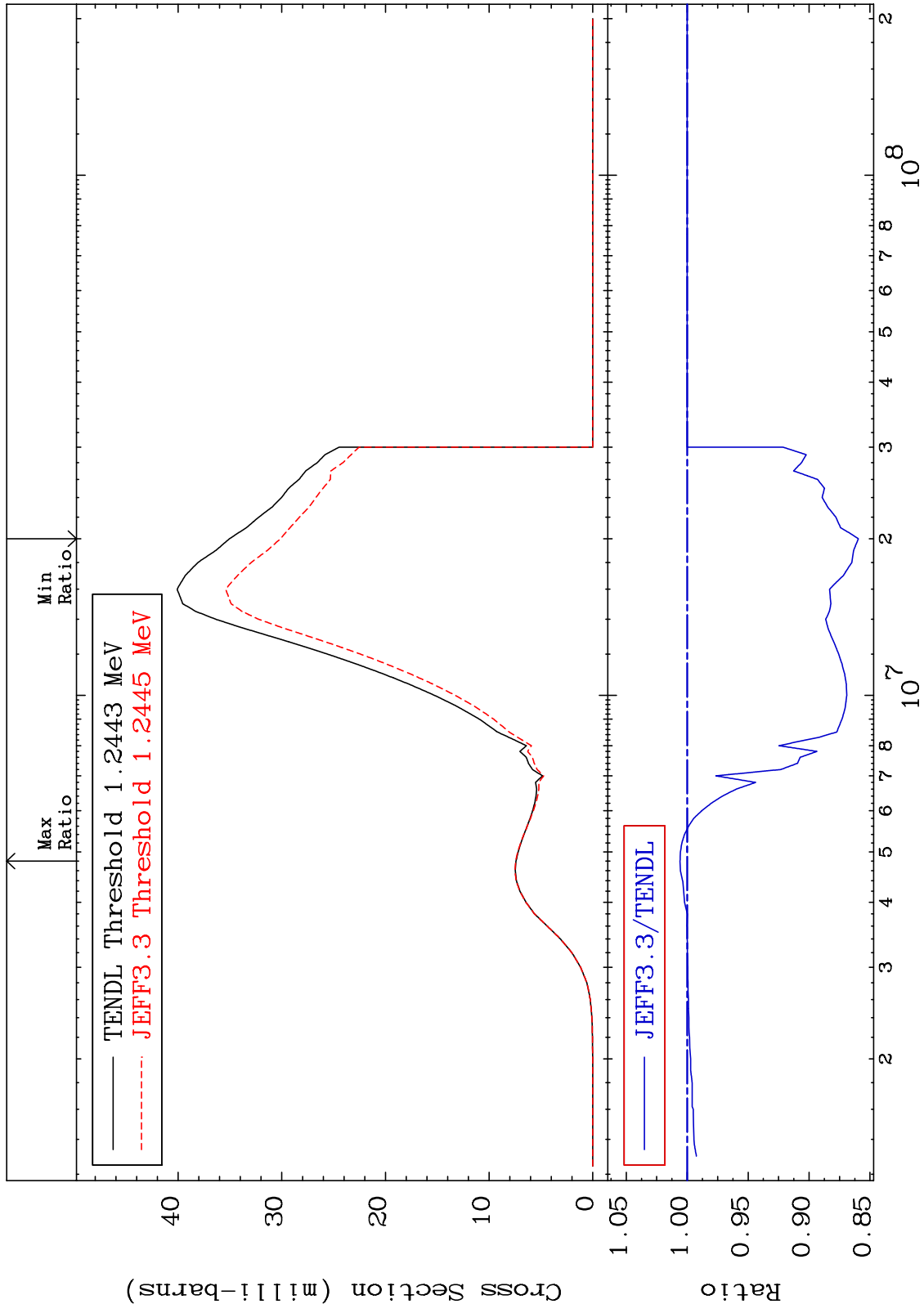
MAT 2234

(n, p)

22-Ti-49

Cross Section

-14.05 To 0.588 %



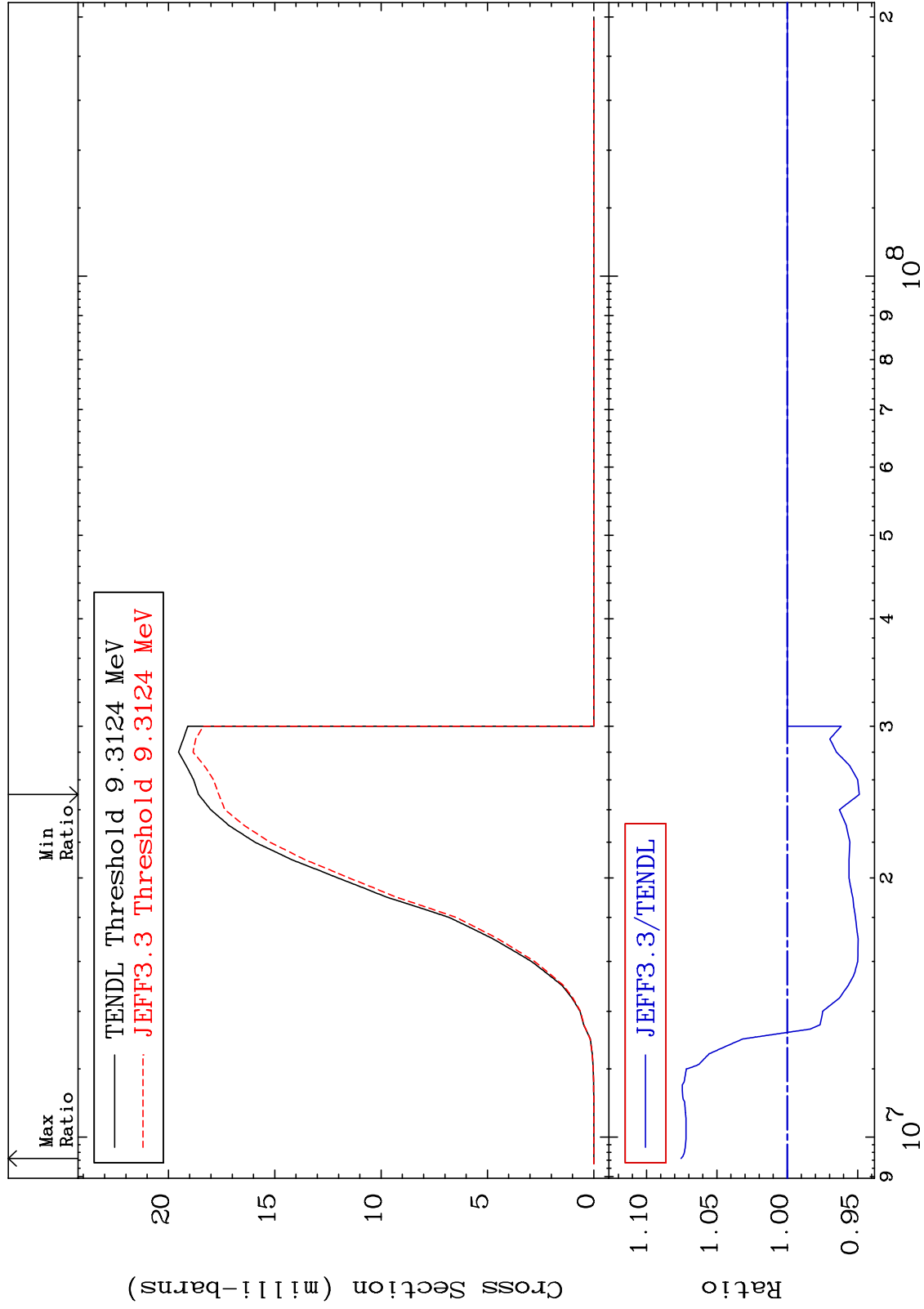
MAT 2234

(n, d)

22-Ti-49

Cross Section

-5.117 To 7.548 %

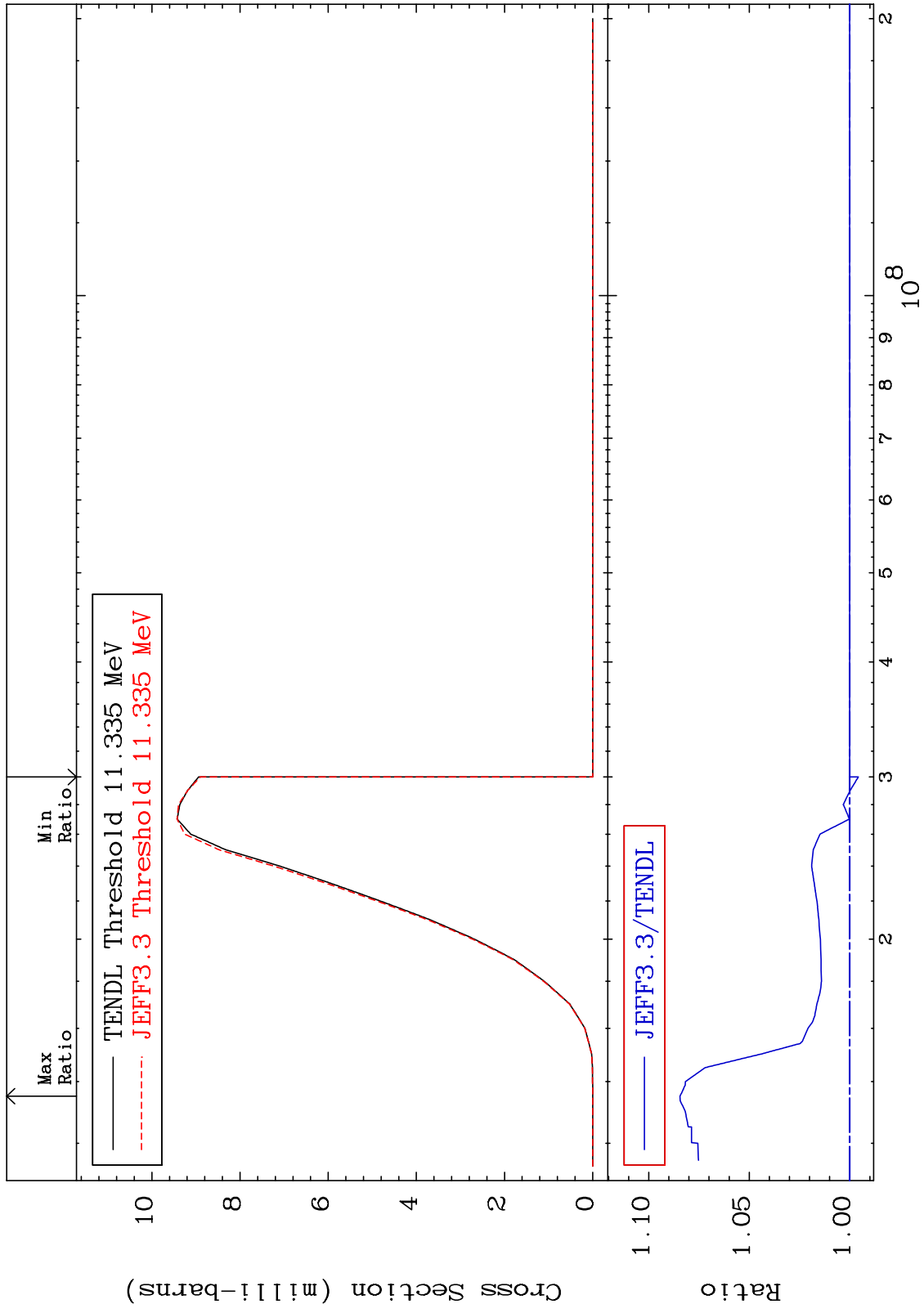


50

Incident Energy (eV)

22-Ti-49

MAT 2234 (n, t) Cross Section 22-Ti-49
 -0.432 To 8.445 %



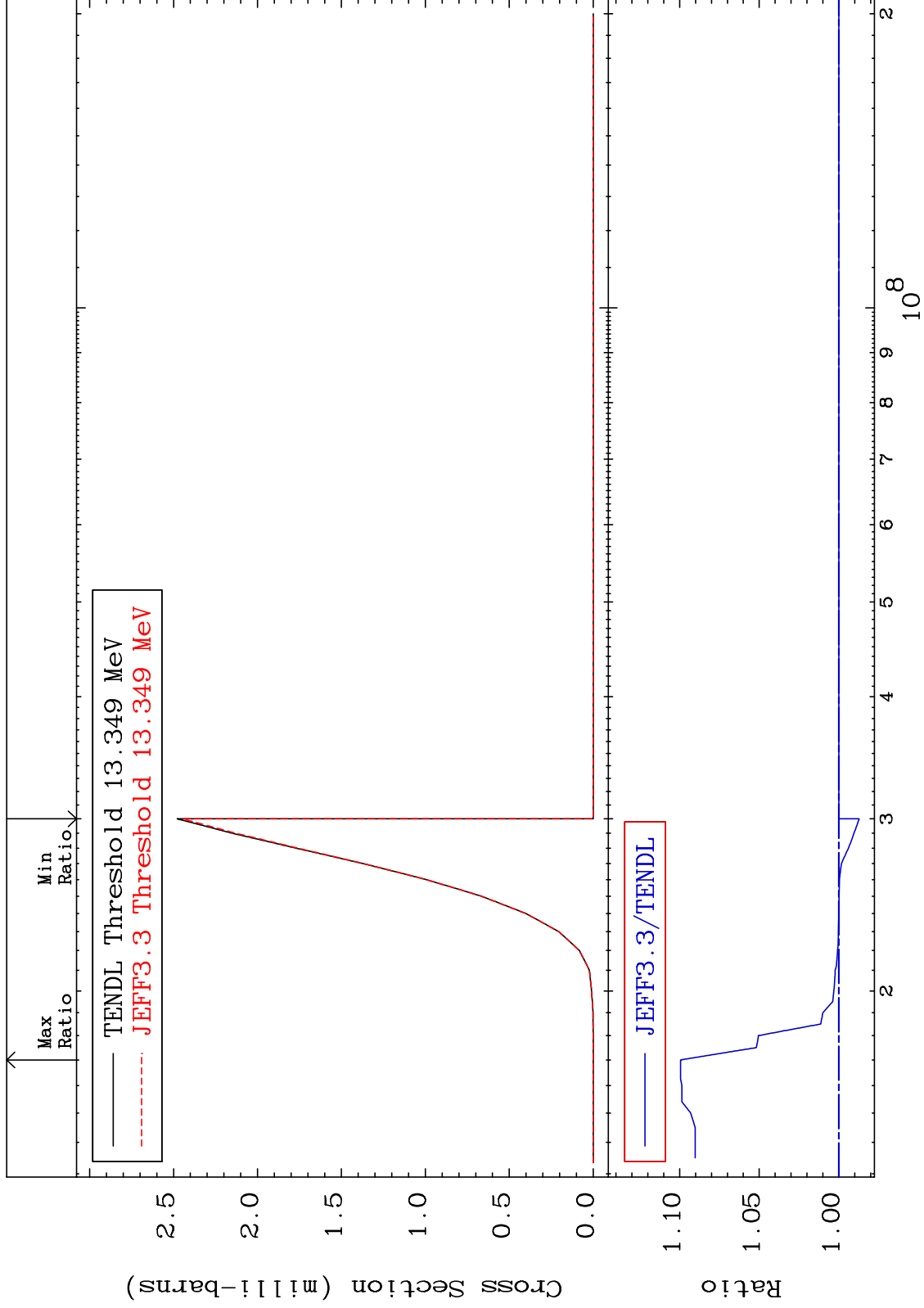
MAT 2234

(n, He-3)

22-Ti-49

Cross Section

-1.282 To 9.939 %



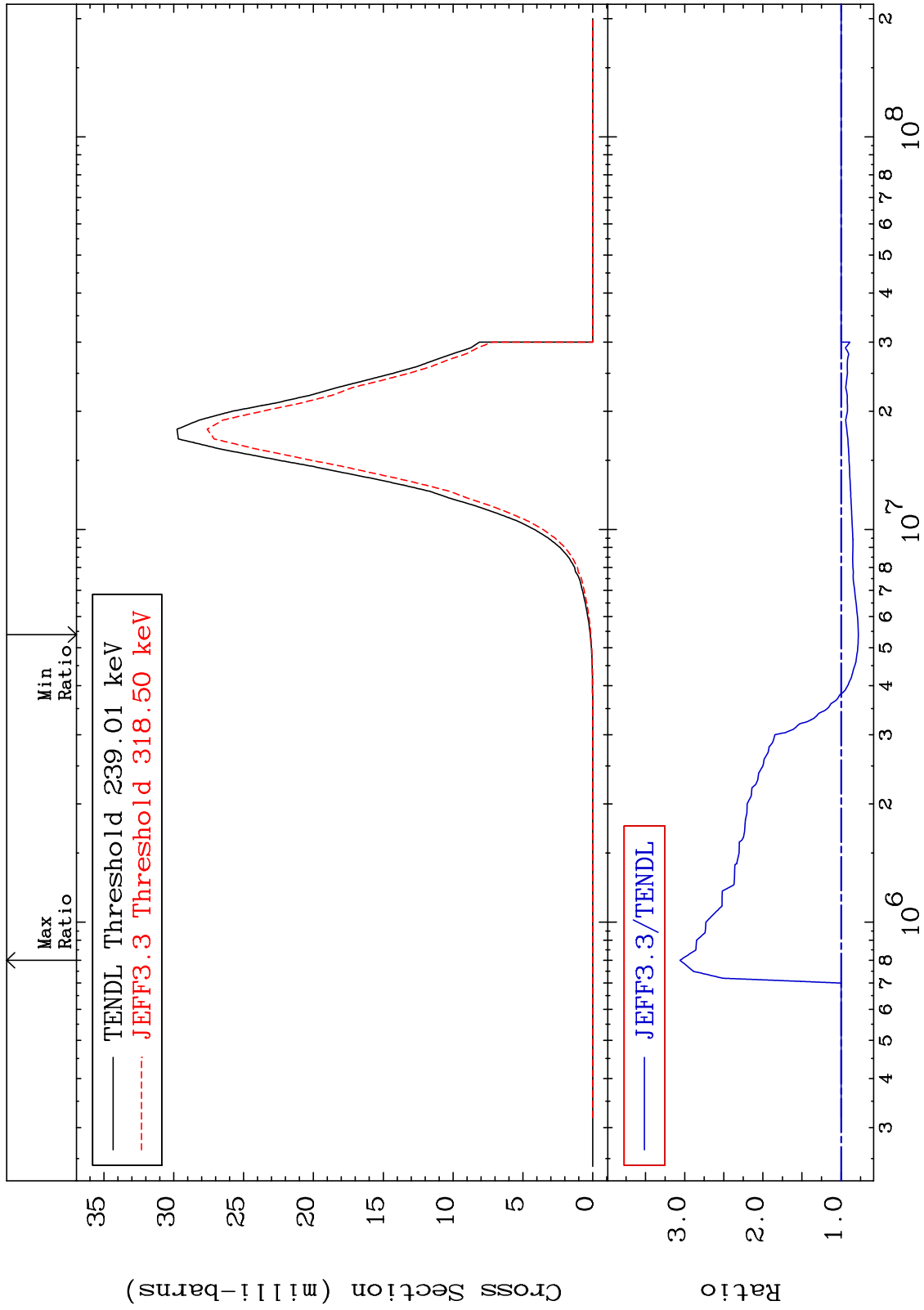
MAT 2234

(n, α)

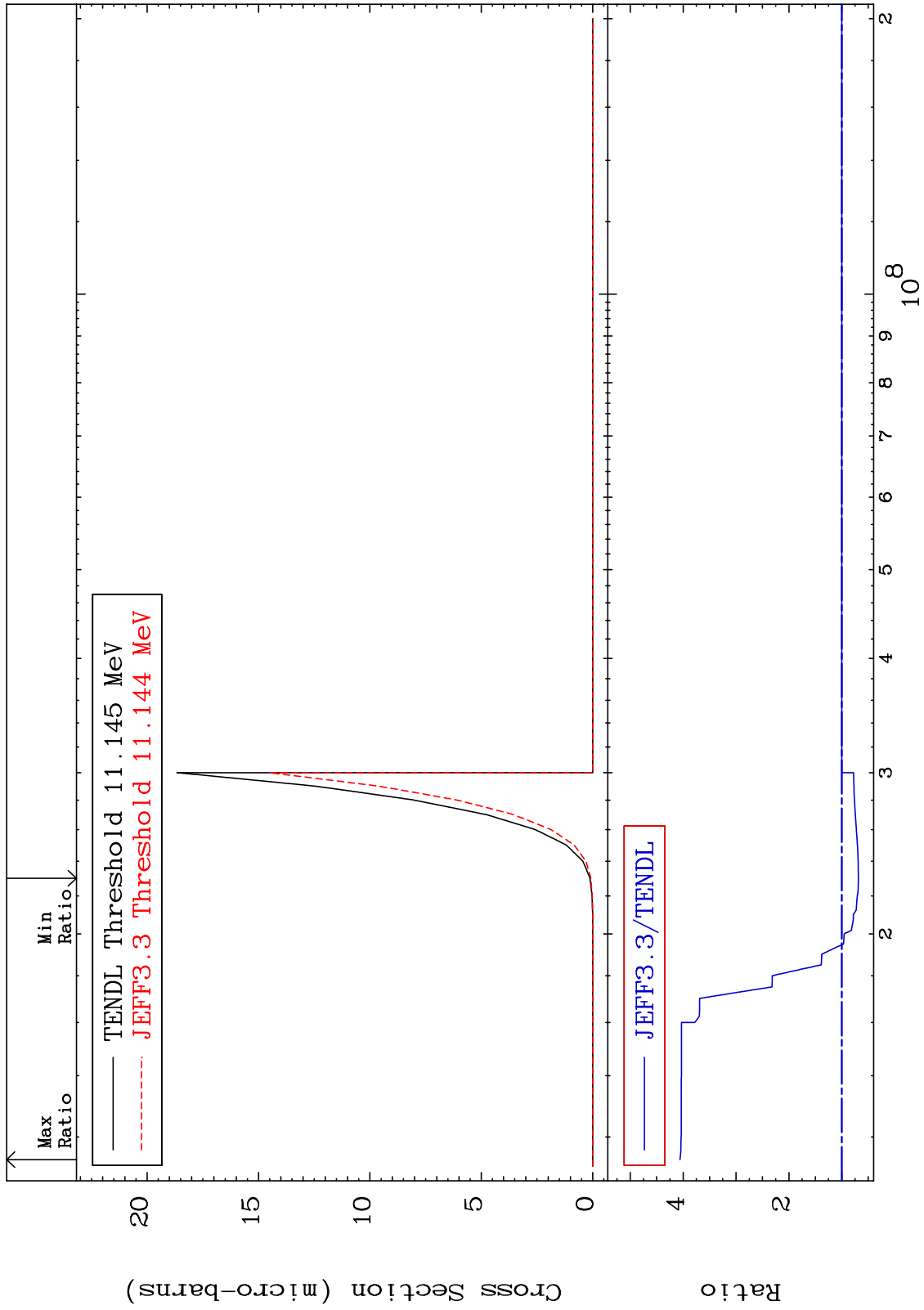
22-Ti-49

-22.19 To 205.9 %

Cross Section



MAT 2234 (n,2α) Cross Section 22-Ti-49
 -31.40 To 305.9 %



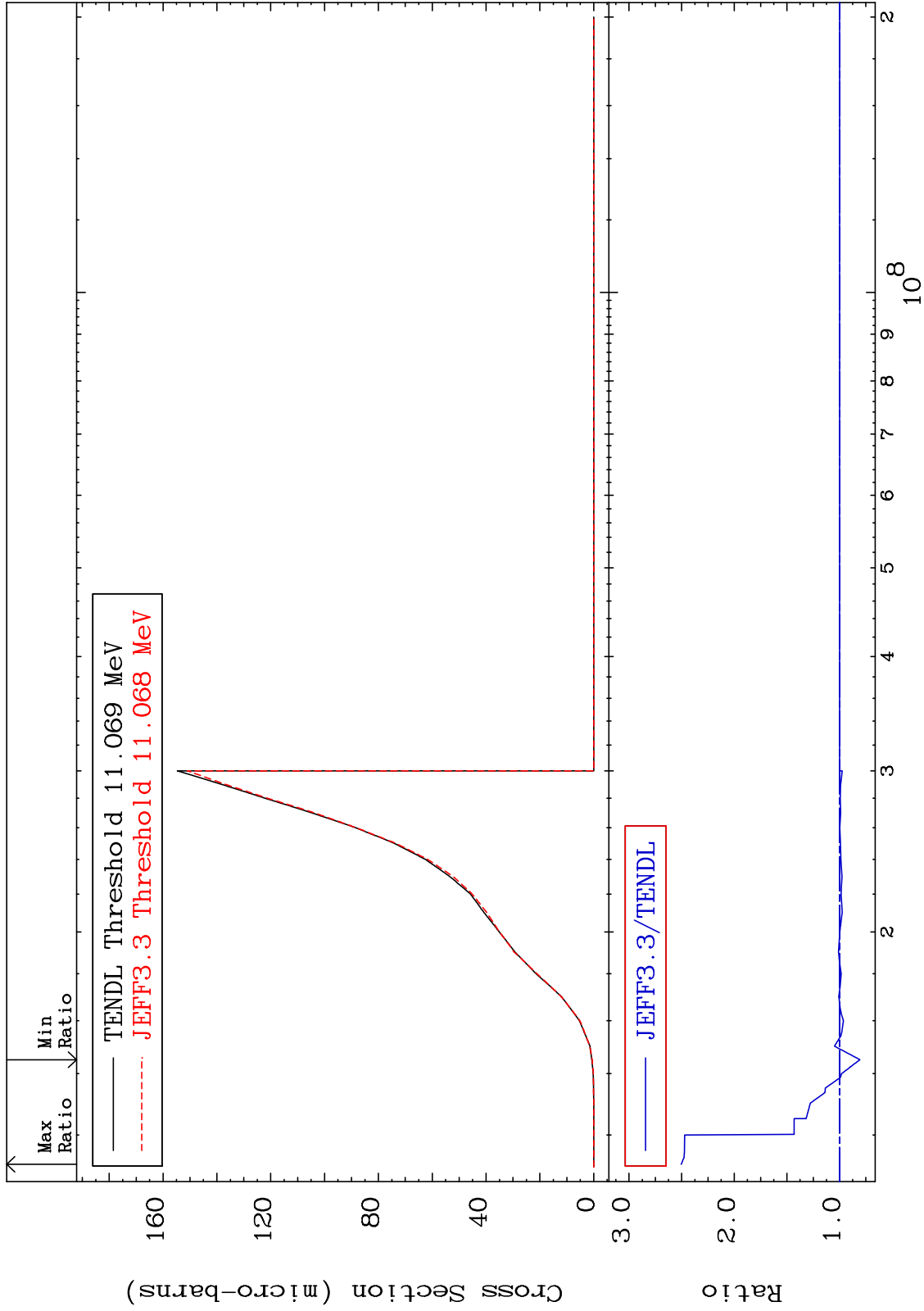
MAT 2234

(n,2p)

22-Ti-49

Cross Section

-19.36 To 150.4 %



55

Incident Energy (eV)

22-Ti-49

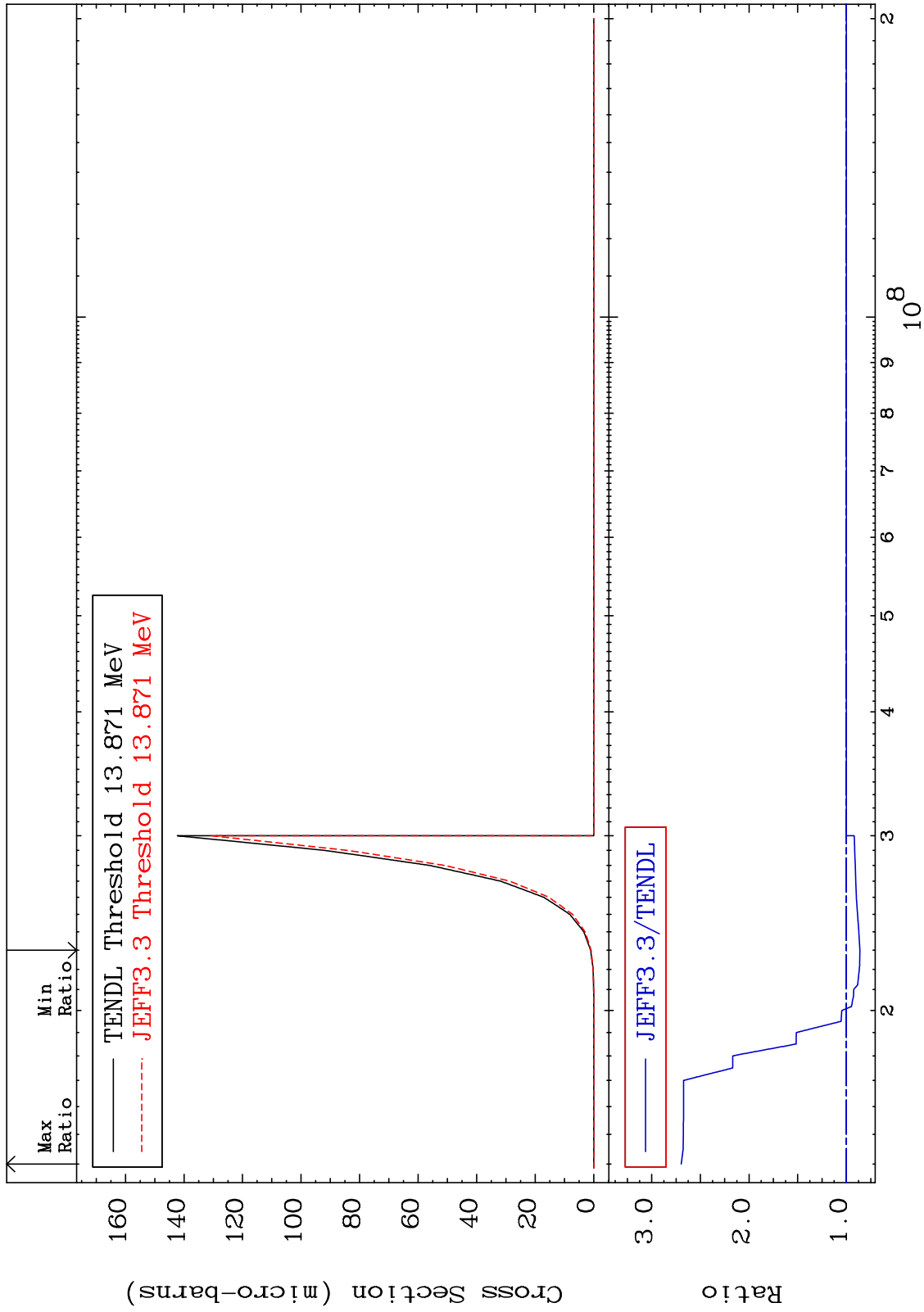
MAT 2234

(n,p) α

22-Ti-49

Cross Section

-13.93 To 169.7 %



56

Incident Energy (eV)

22-Ti-49

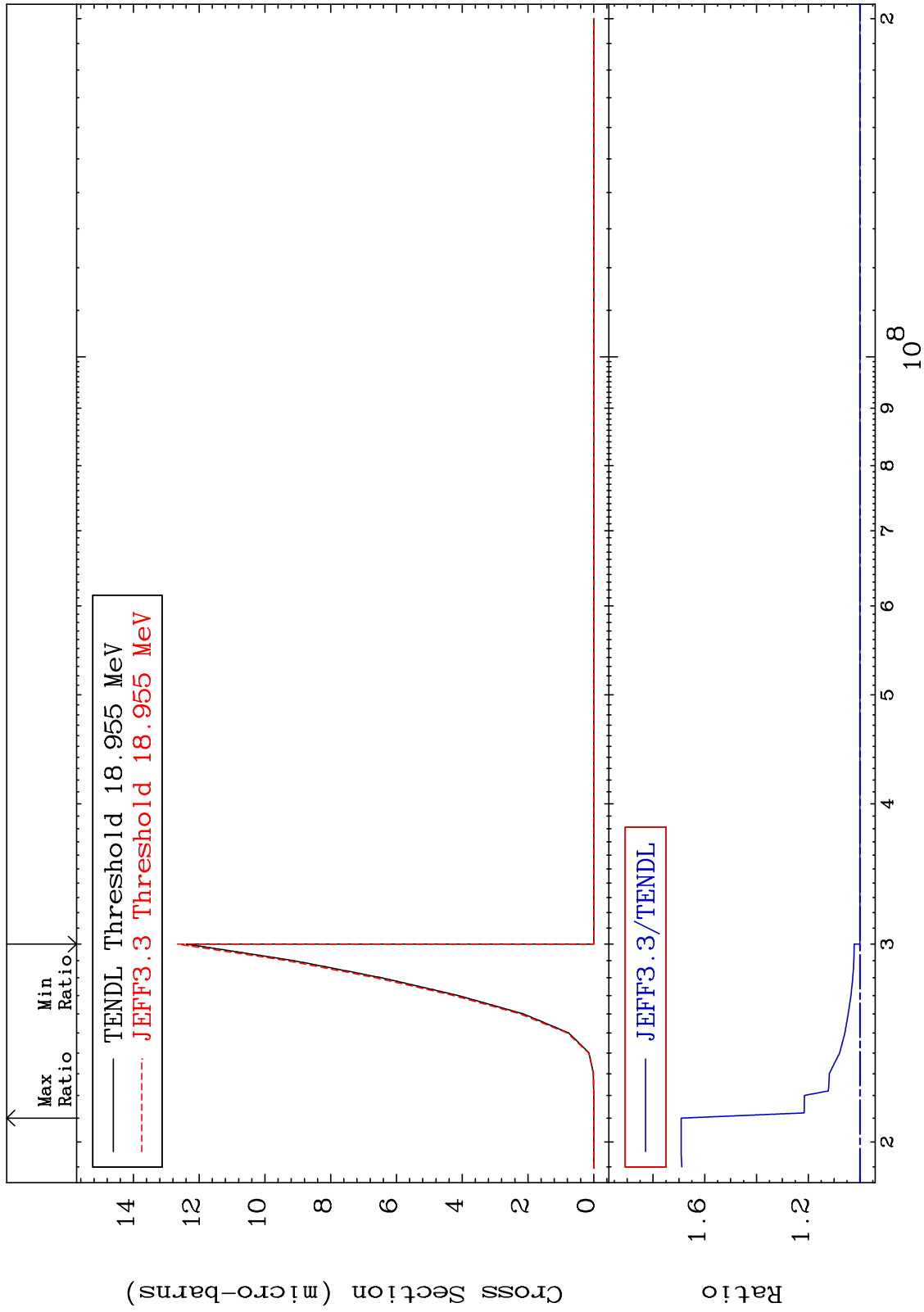
MAT 2234

(n,p) d

22-Ti-49

Cross Section

0.000 To 69.11 %



57

Incident Energy (eV)

22-Ti-49

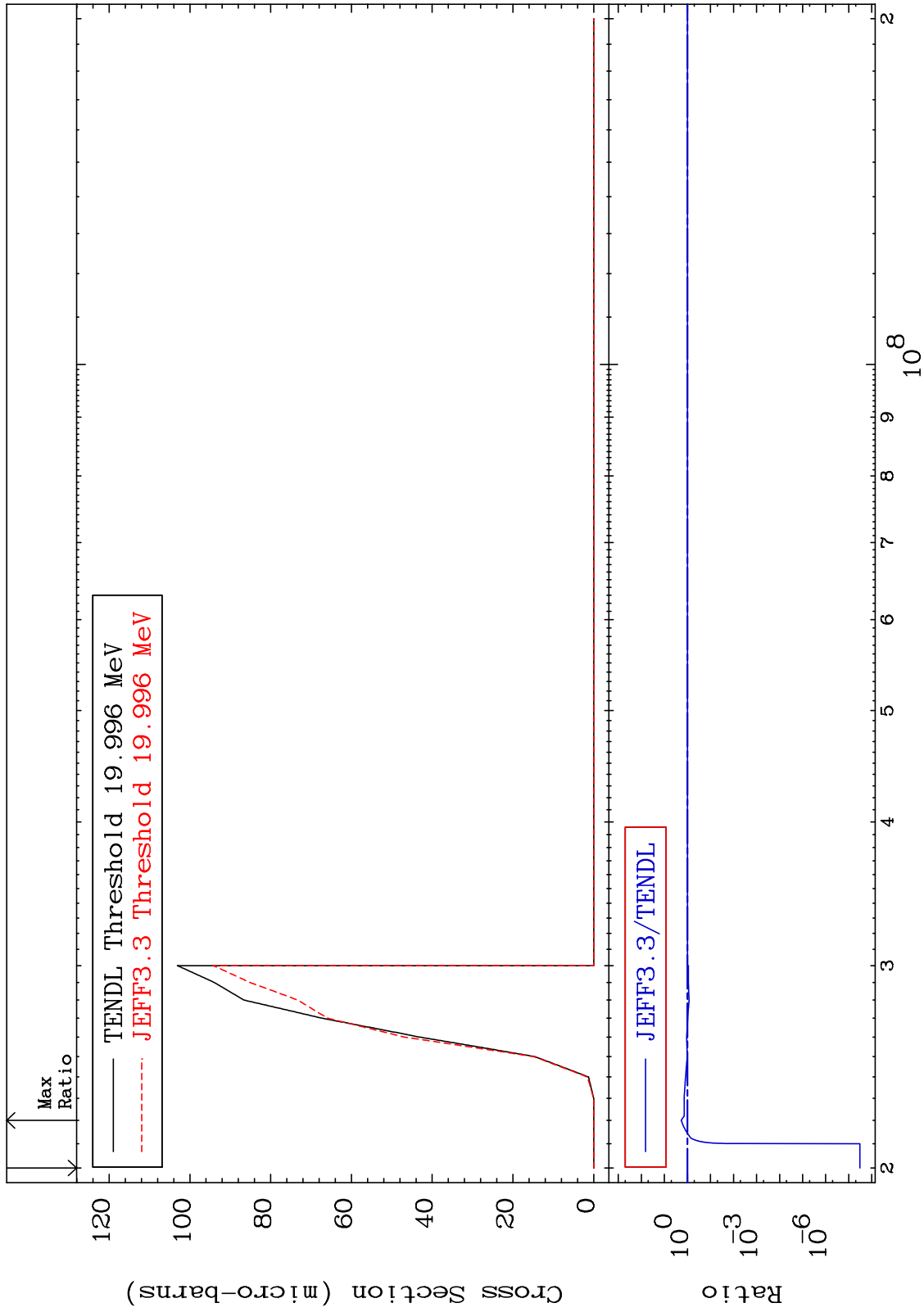
MAT 2234

(n,p) t

22-Ti-49

Cross Section

-100.0 To 85.63 %



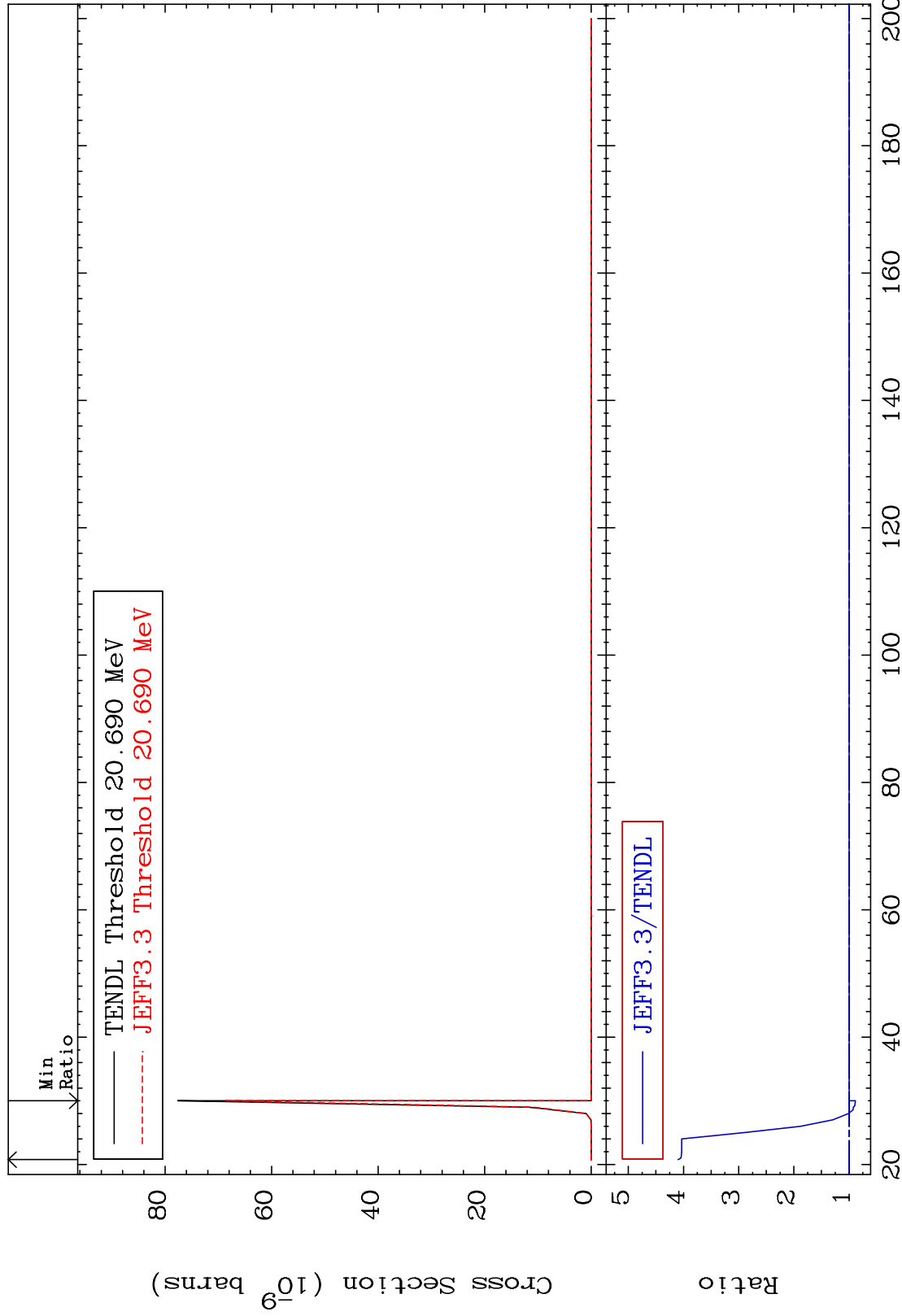
MAT 2234

(n,d) α

22-Ti-49

Cross Section

-11.65 To 310.0 %



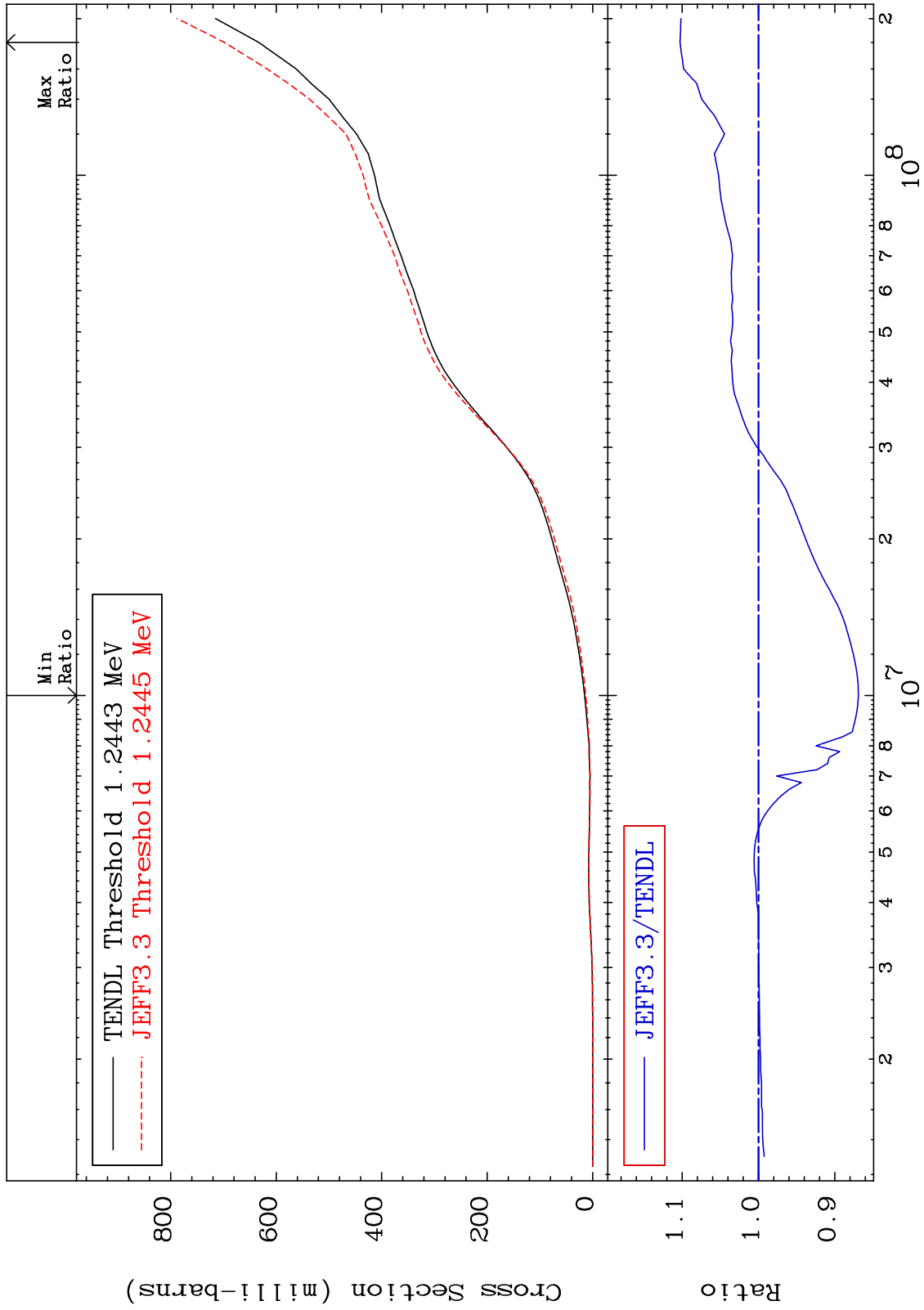
59

22-Ti-49

MAT 2234

Hydrogen Production
Cross Section

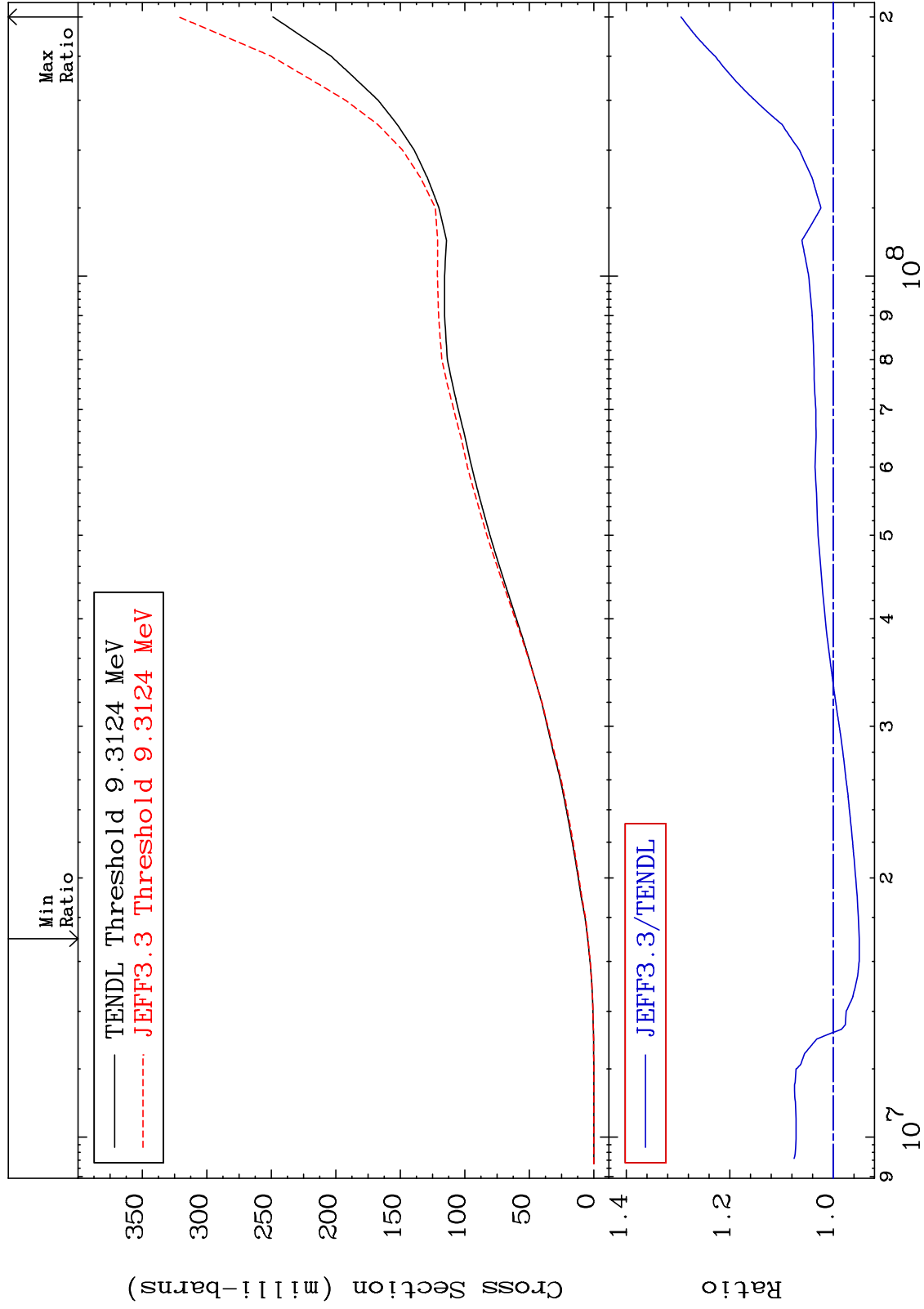
22-Ti-49
-13.09 To 10.28 %



MAT 2234

Deuterium Production
Cross Section

22-Ti-49
-5.036 To 29.40 %



61

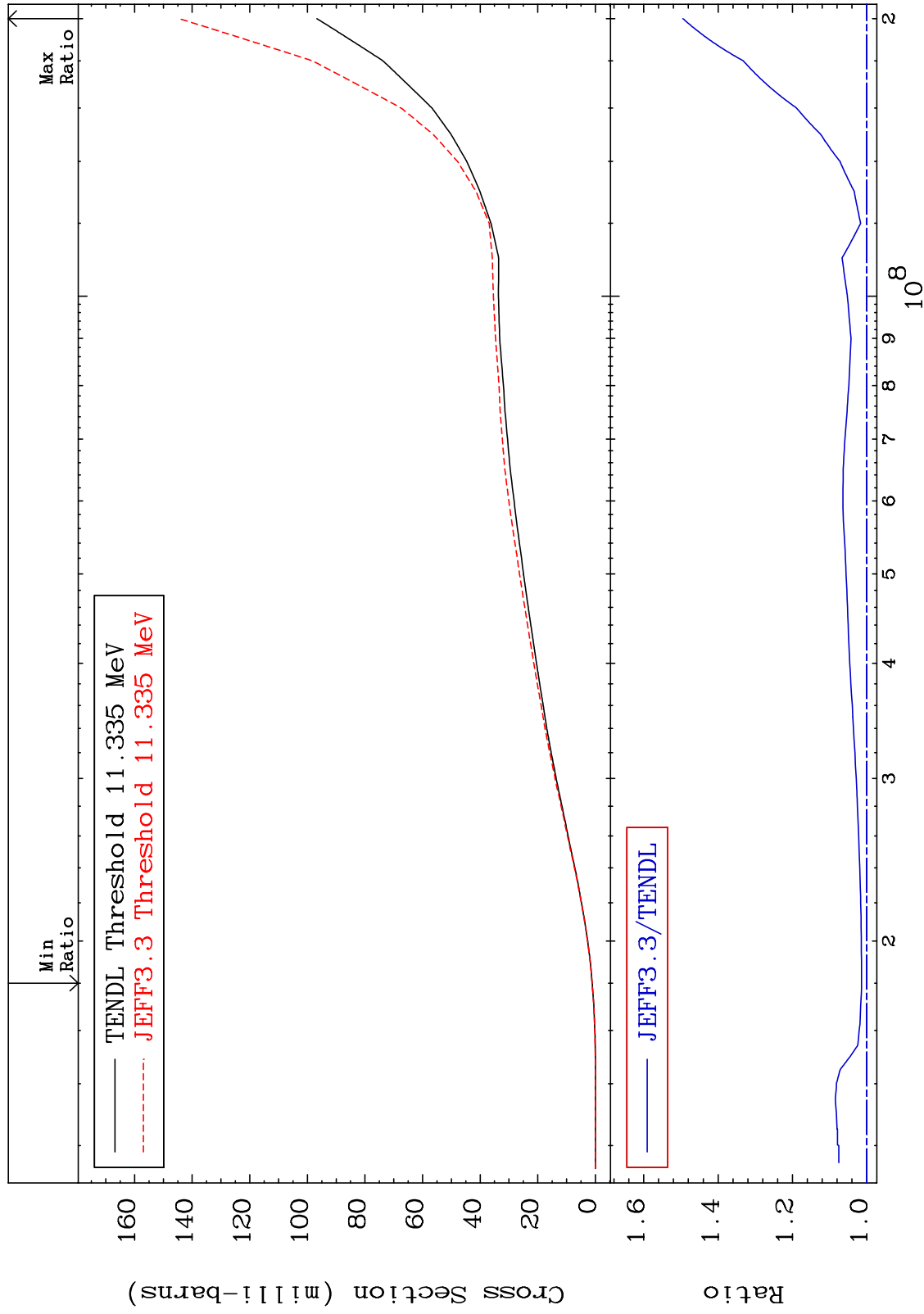
Incident Energy (eV)

22-Ti-49

MAT 2234

Tritium Production
Cross Section

22-Ti-49
1.407 To 49.48 %



62

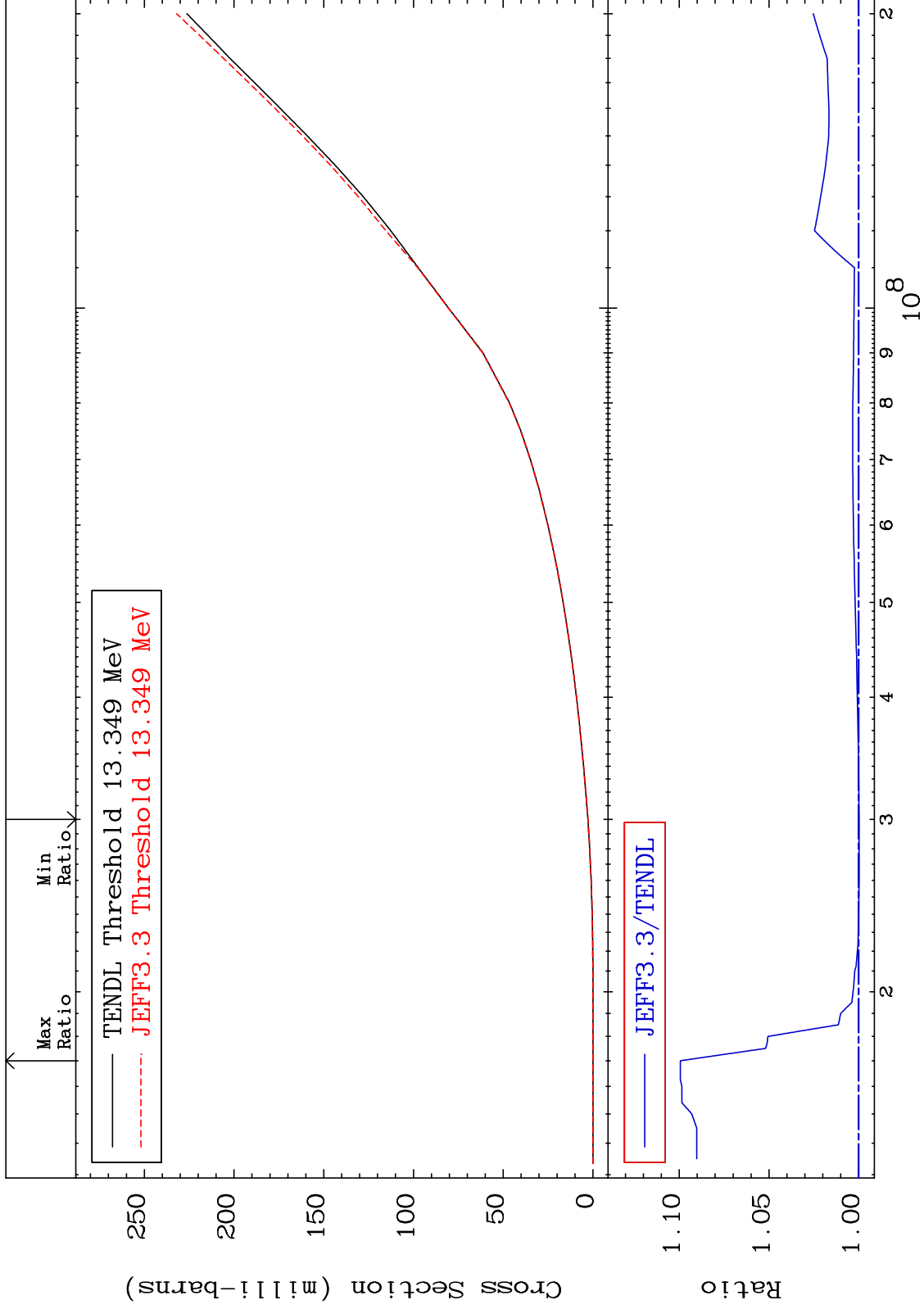
Incident Energy (eV)

22-Ti-49

MAT 2234

He-3 Production
Cross Section

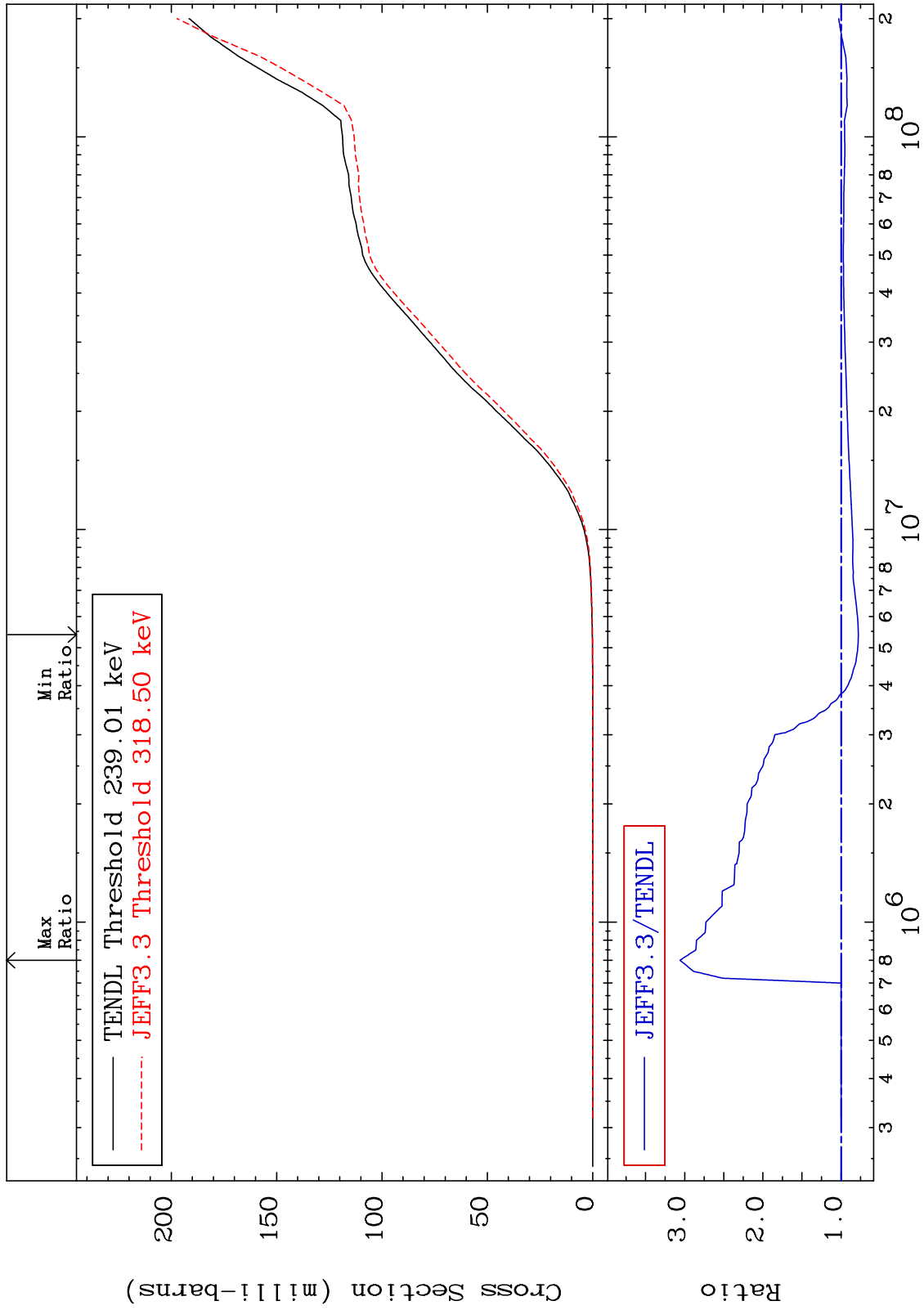
22-Ti-49
-0.025 To 9.939 %



MAT 2234

He-4 Production
Cross Section

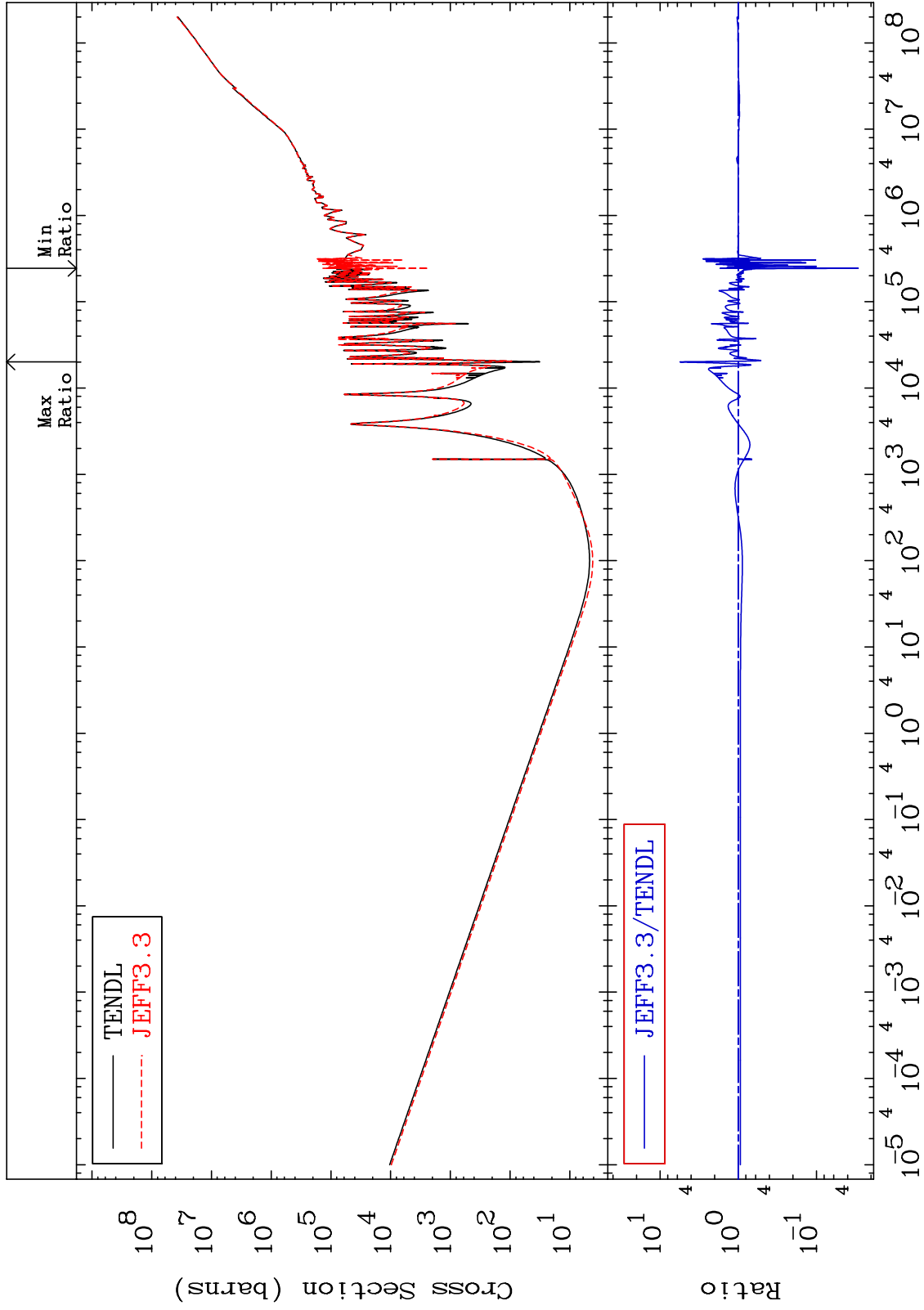
22-Ti-49
-22.19 To 205.9 %



MAT 2234

Kerma total (eV-barns)
Cross Section

22-Ti-49
-97.09 To 455.6 %



65

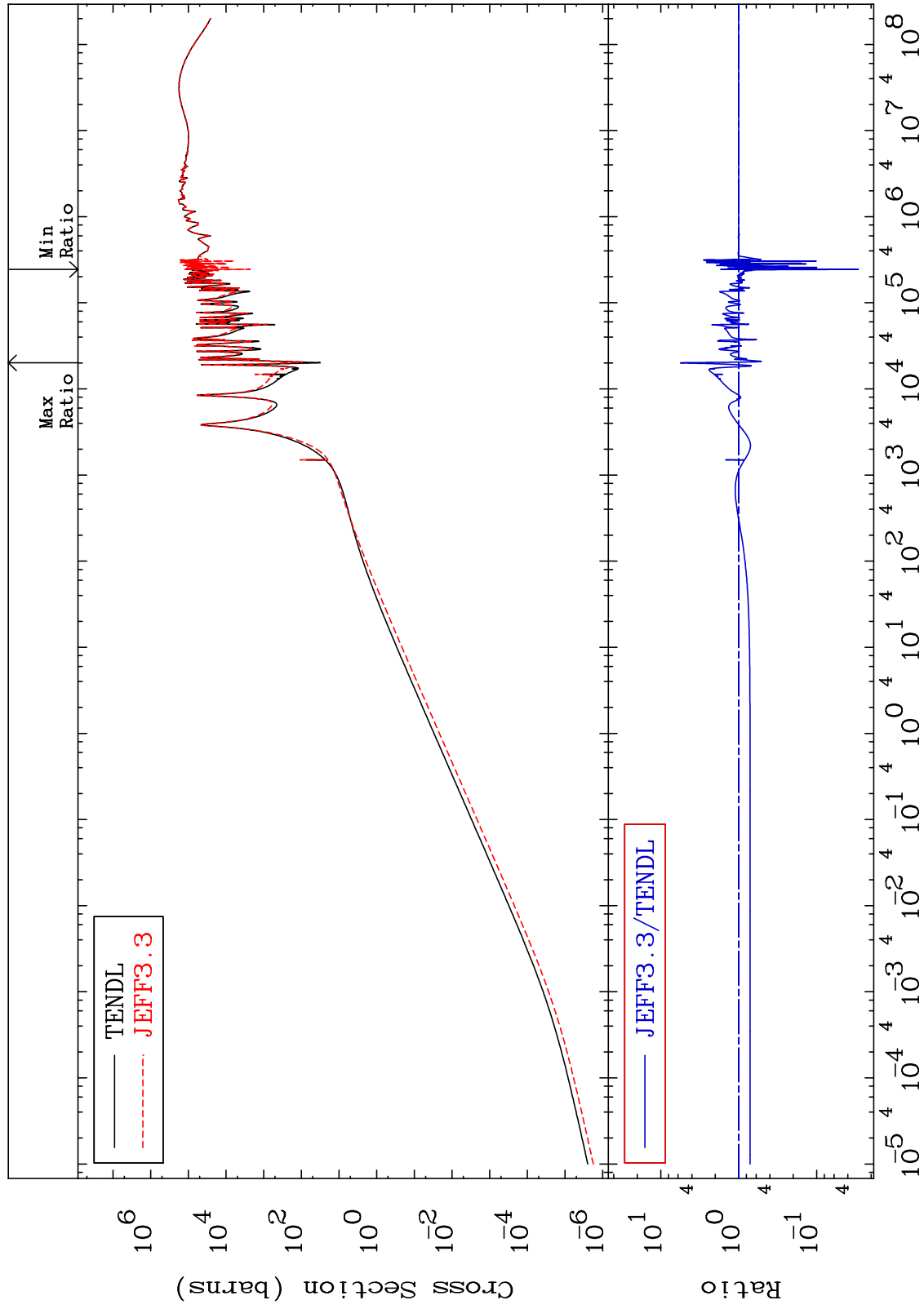
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma elastic
Cross Section

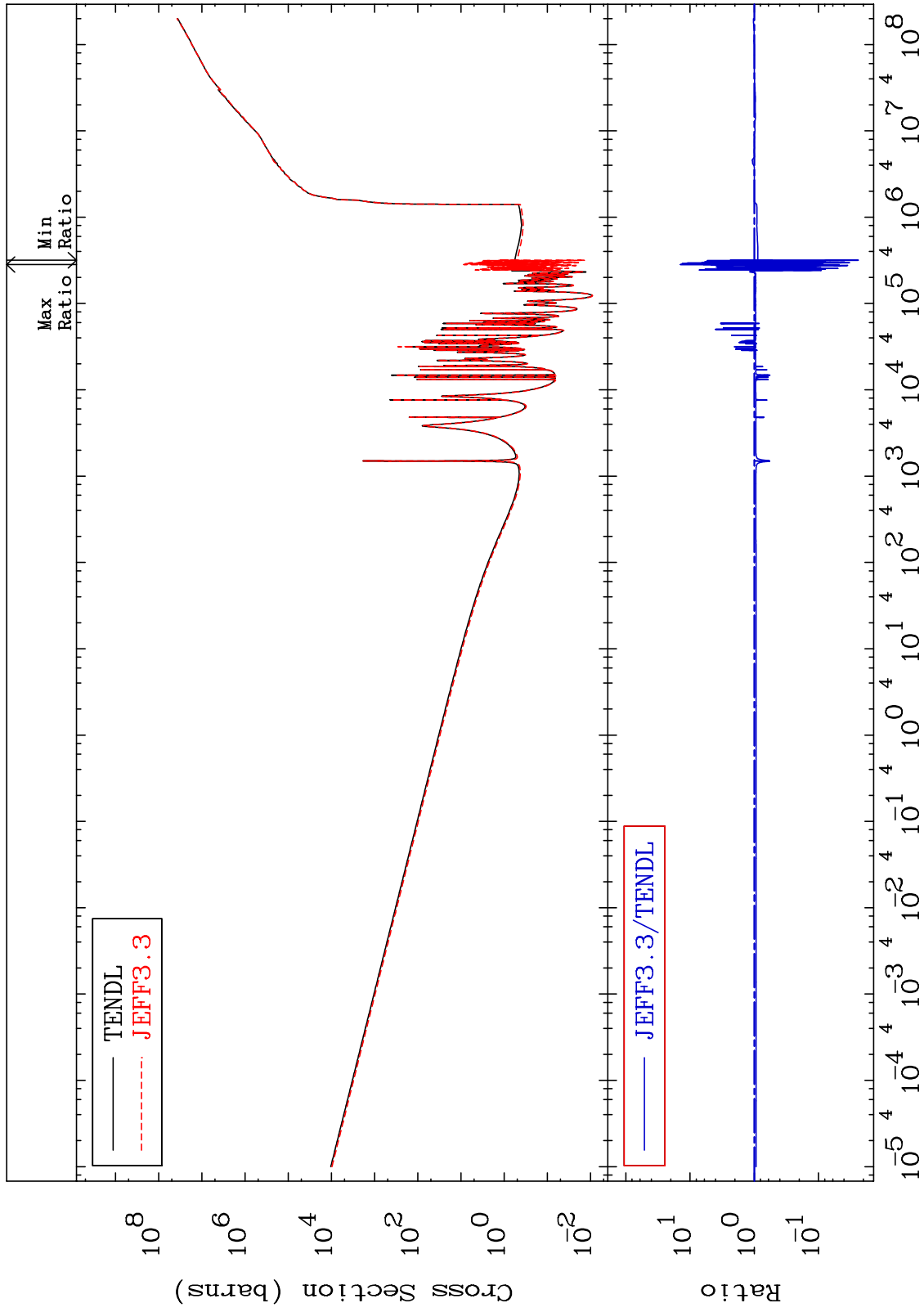
22-Ti-49
-97.09 To 459.6 %



MAT 2234

Kerma non-elastic (all but mt2)
Cross Section

22-Ti-49
-97.61 To 1333. %



67

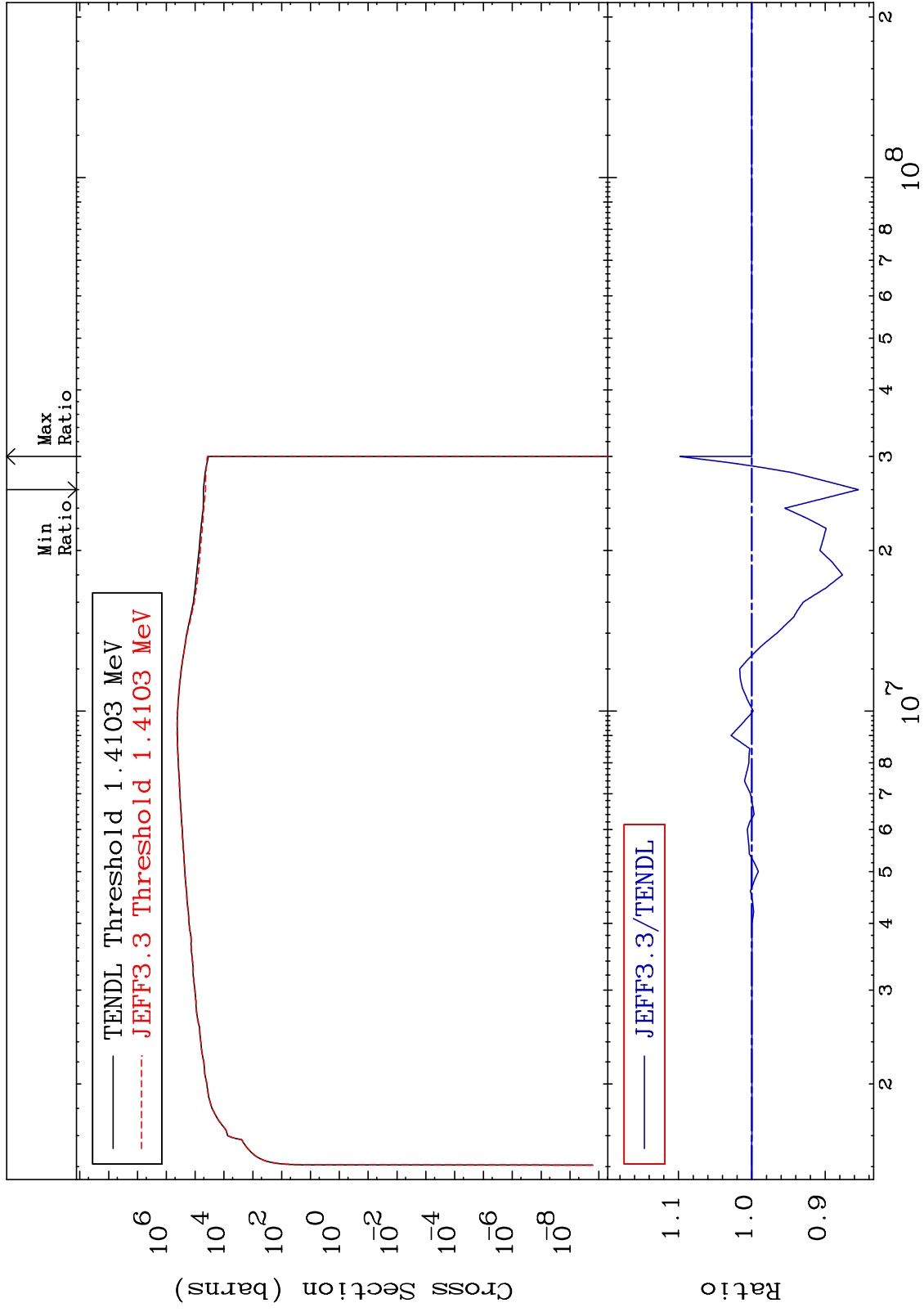
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma inelastic (mt51-91)
Cross Section

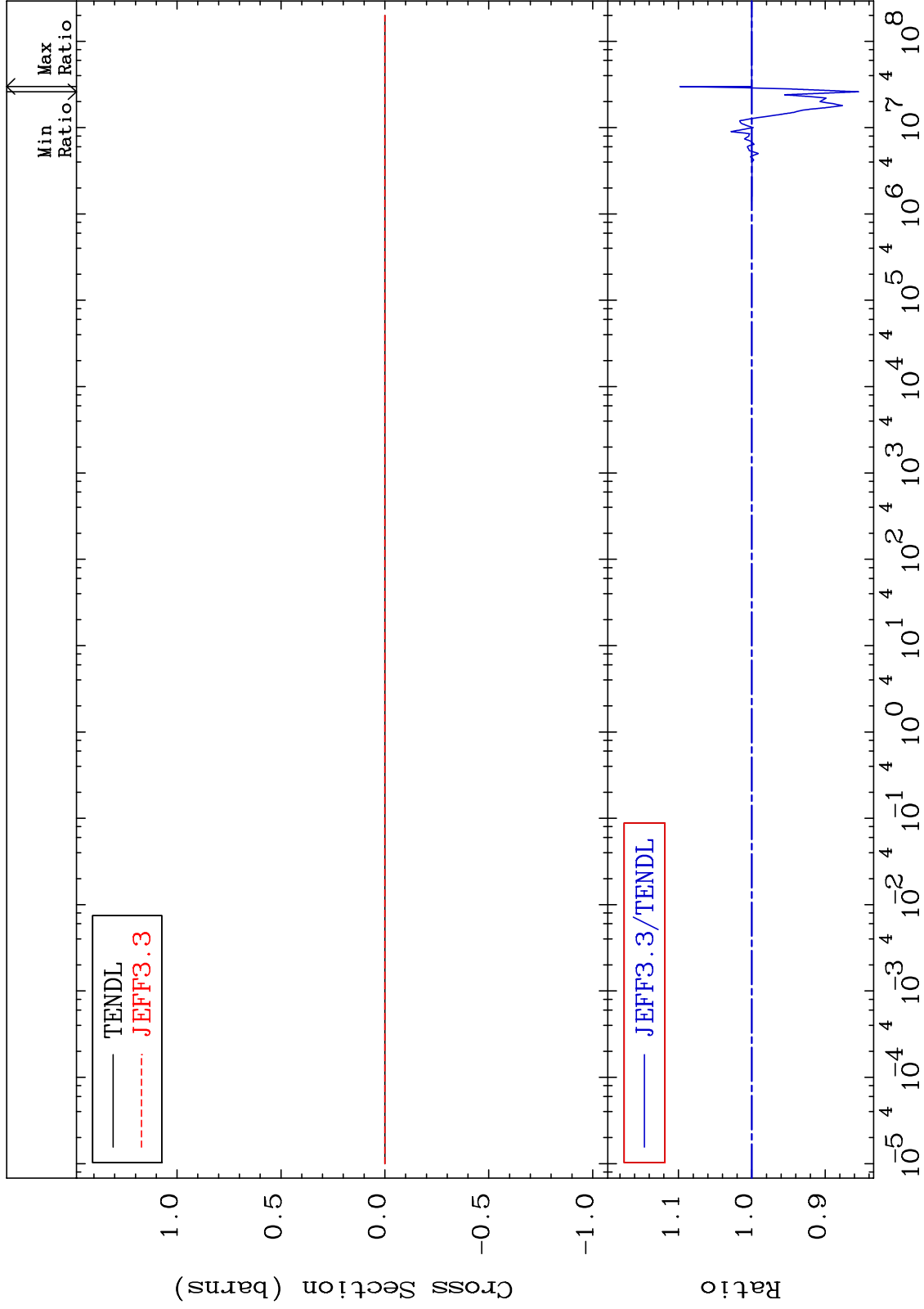
22-Ti-49
-14.54 To 9.796 %



MAT 2234

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

22-Ti-49
-14.54 To 9.796 %



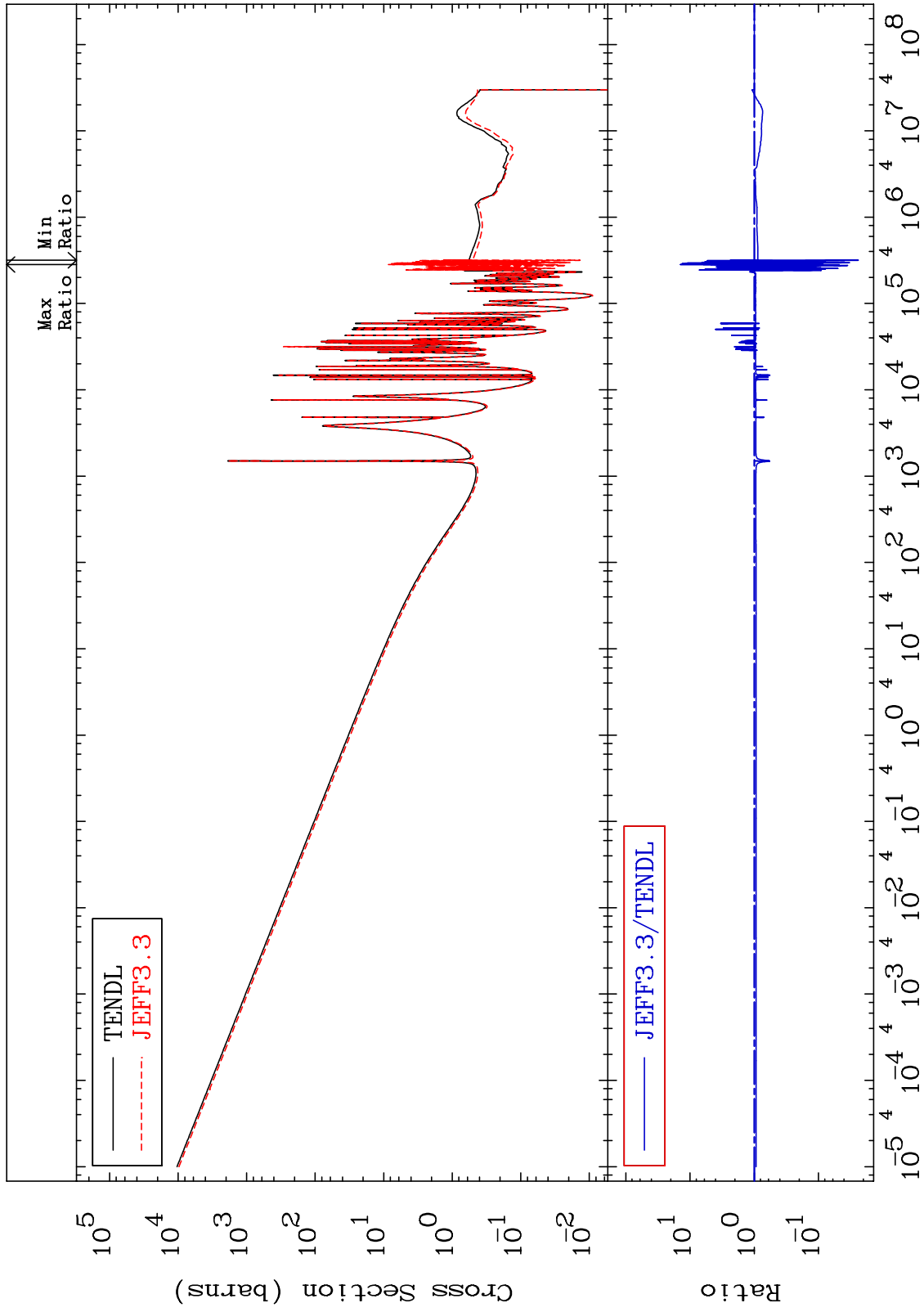
69

22-Ti-49

MAT 2234

Kerma capture (mt102)
Cross Section

22-Ti-49
-97.61 To 1333. %



70

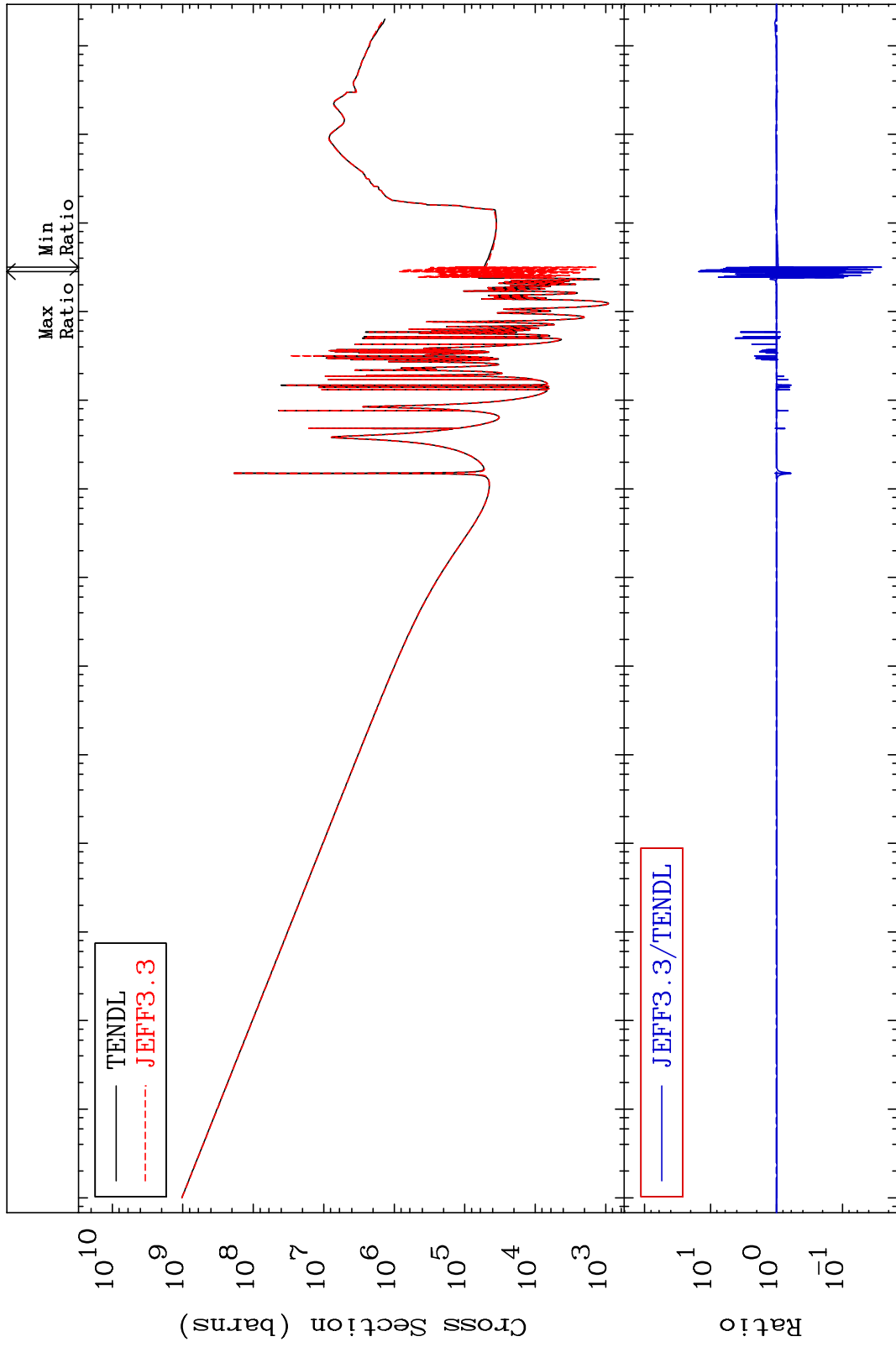
Incident Energy (eV)

22-Ti-49

MAT 2234

Total photon (eV-barns)
Cross Section

22-Ti-49
-97.43 To 1430. %



71

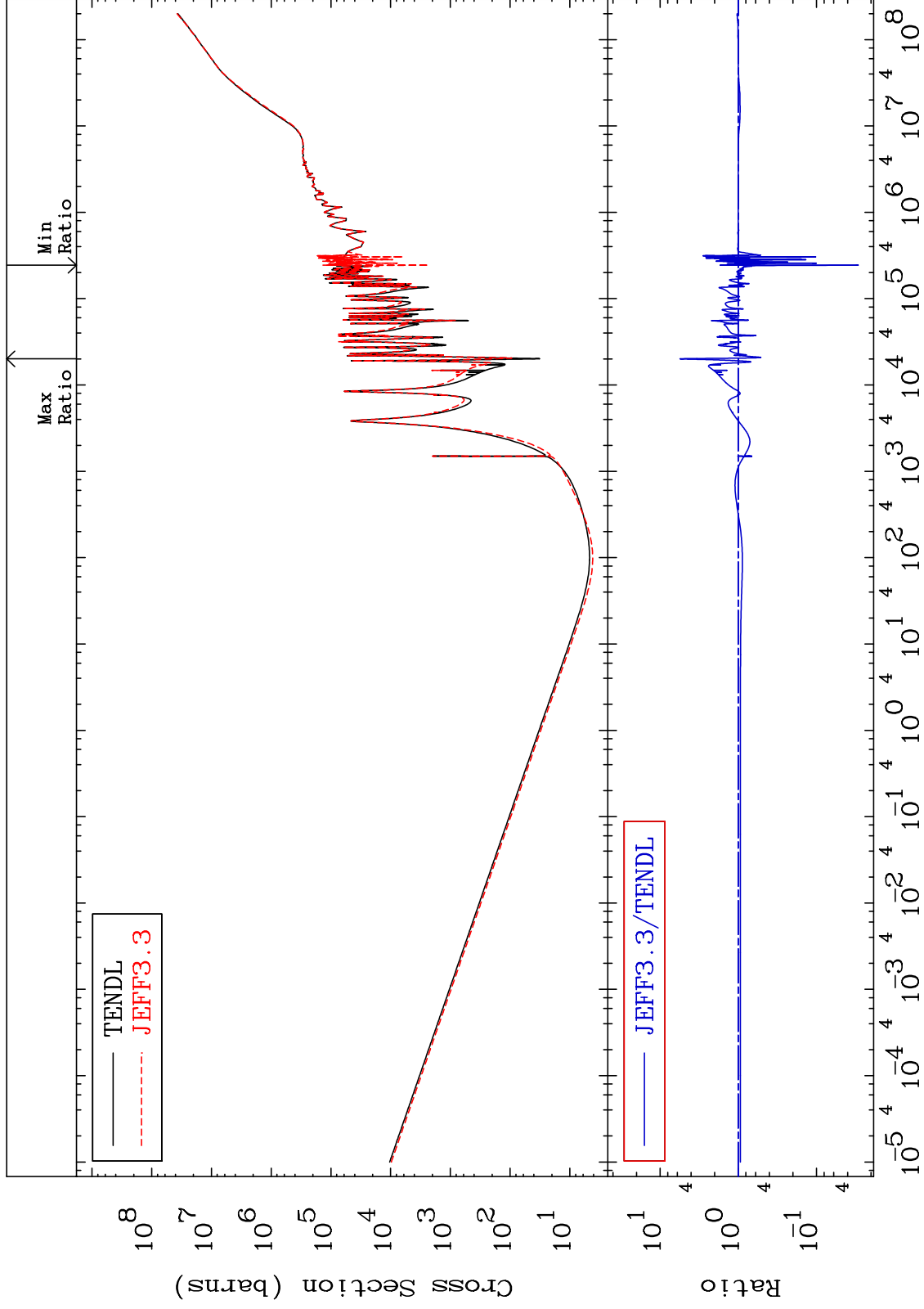
Incident Energy (eV)

22-Ti-49

MAT 2234

Total kinematic kerma (high limit)
Cross Section

22-Ti-49
-97.09 To 455.6 %



72

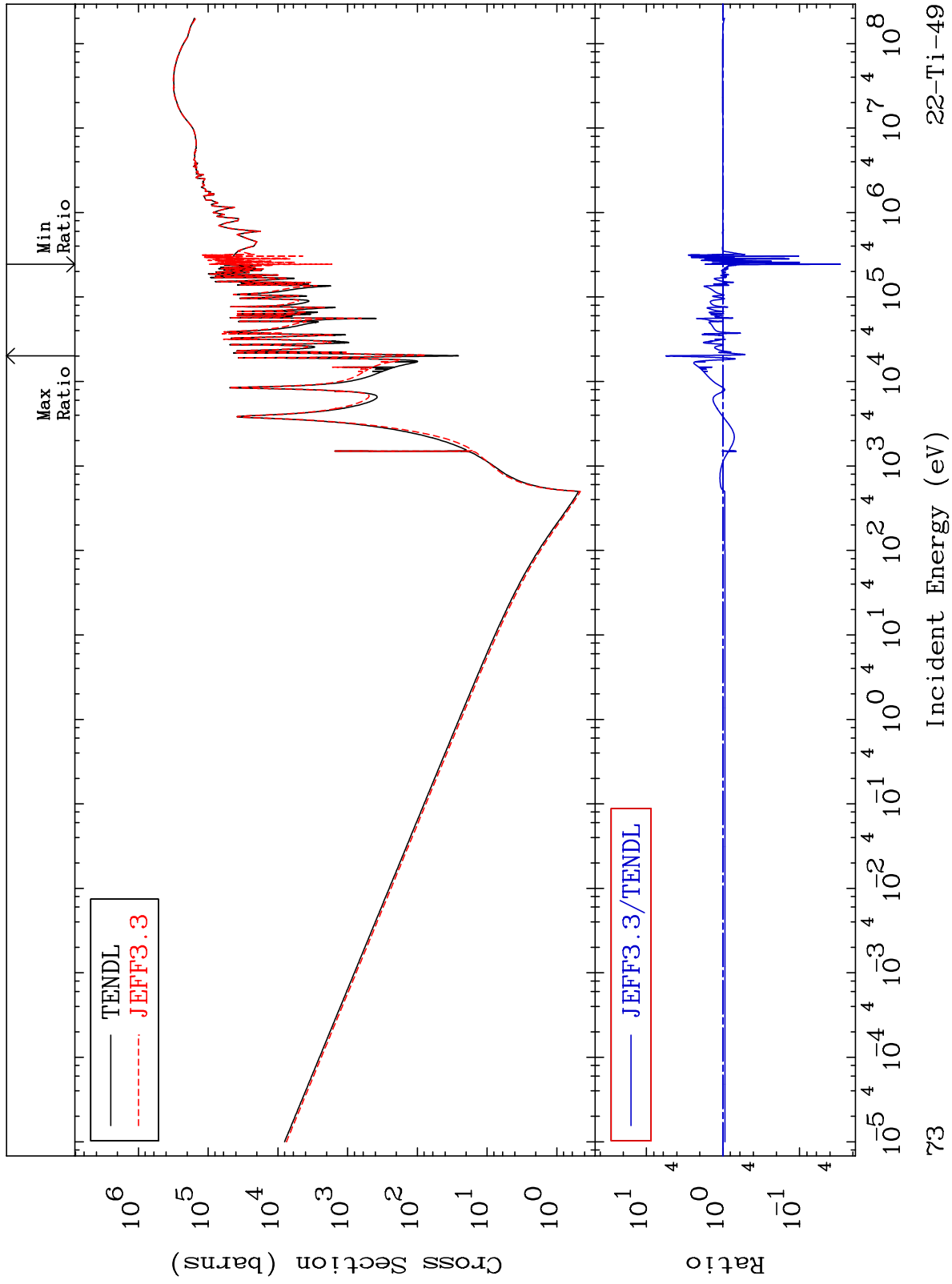
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa total (eV-barns)
Cross Section

22-Ti-49
-97.09 To 455.8 %



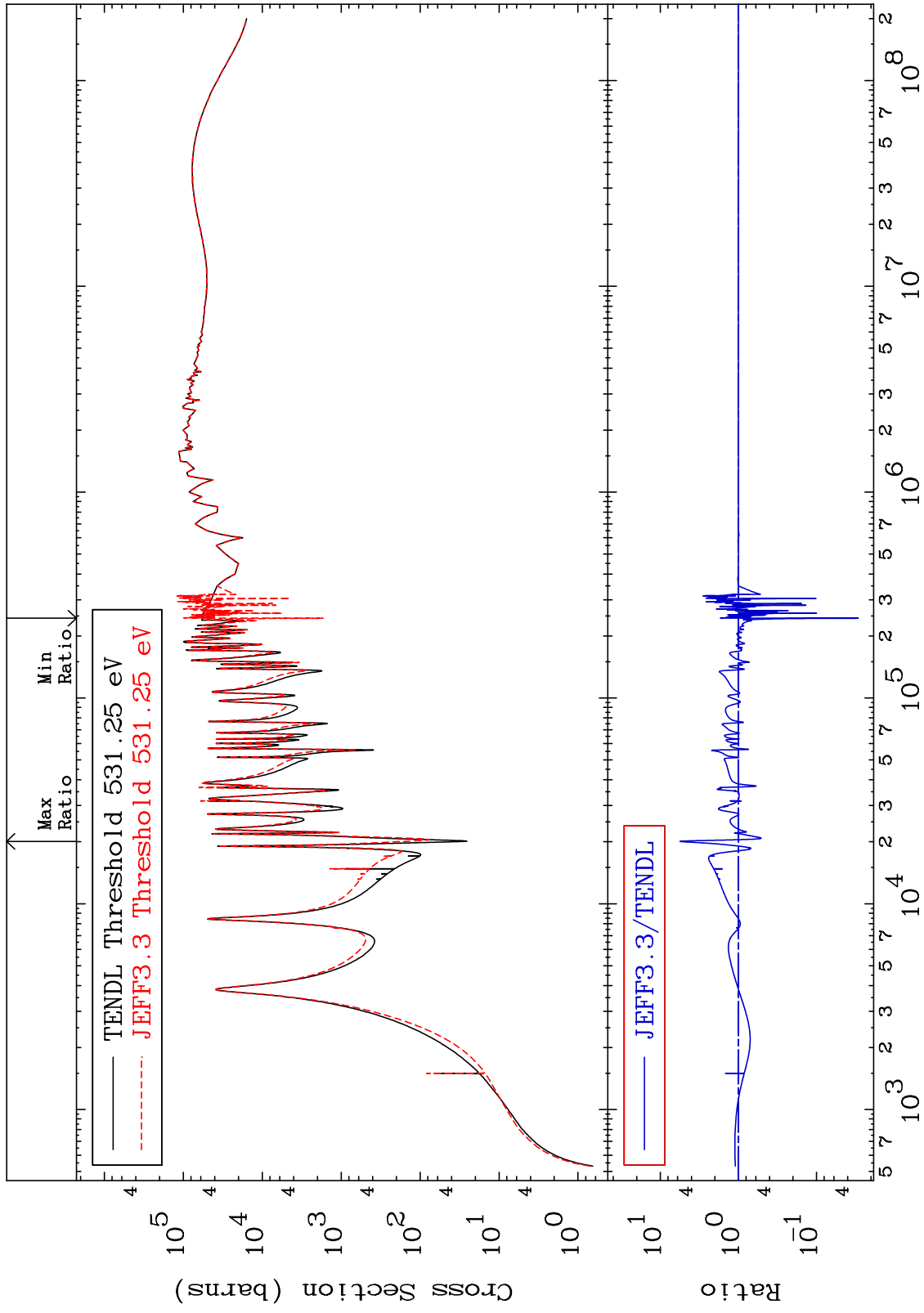
73

22-Ti-49

MAT 2234

Dpa elastic (mt2)
Cross Section

22-Ti-49
-97.09 To 459.6 %



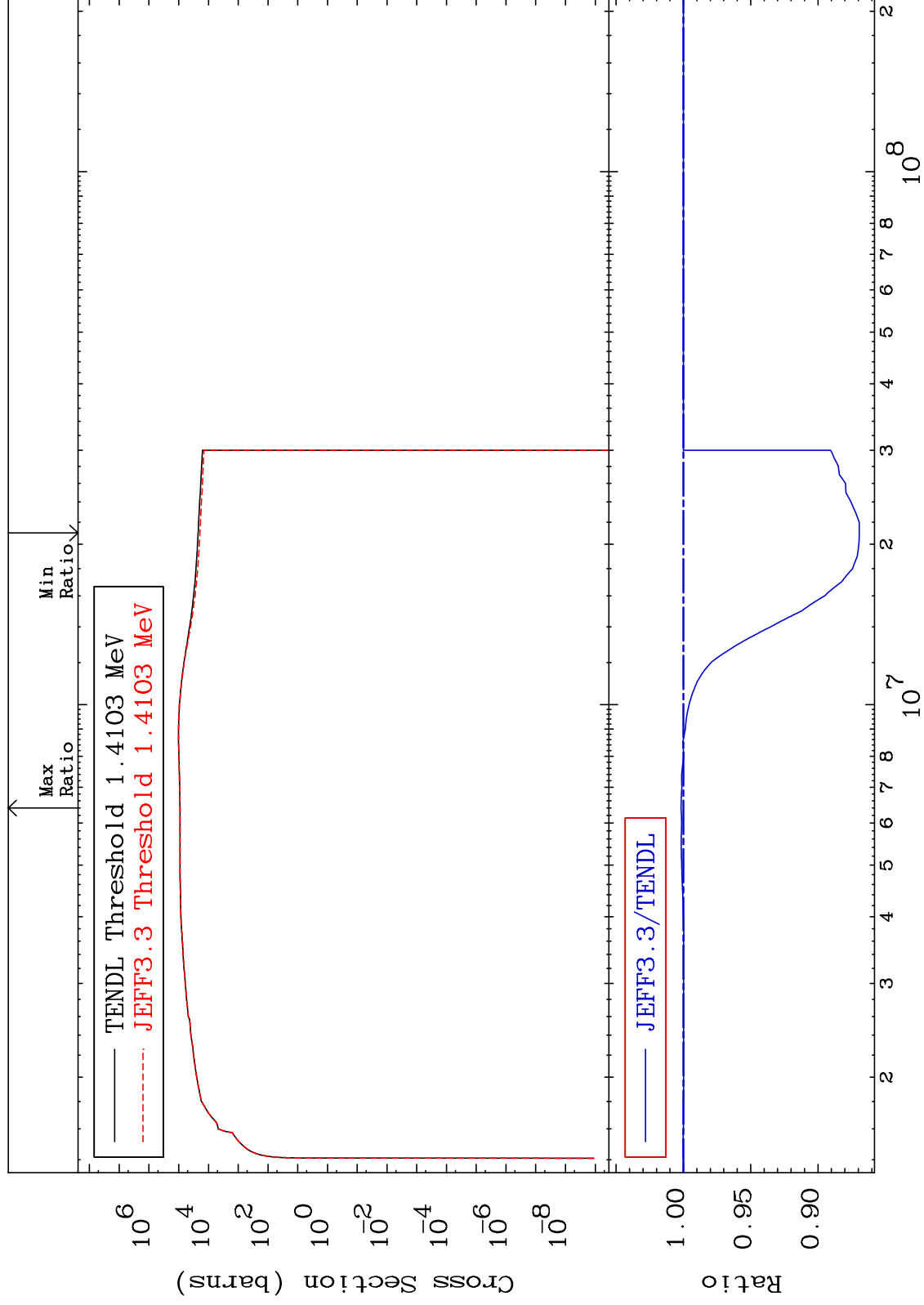
MAT 2234

Dpa inelastic (mt51-91)

22-Ti-49

-13.07 To 0.175 %

Cross Section



75

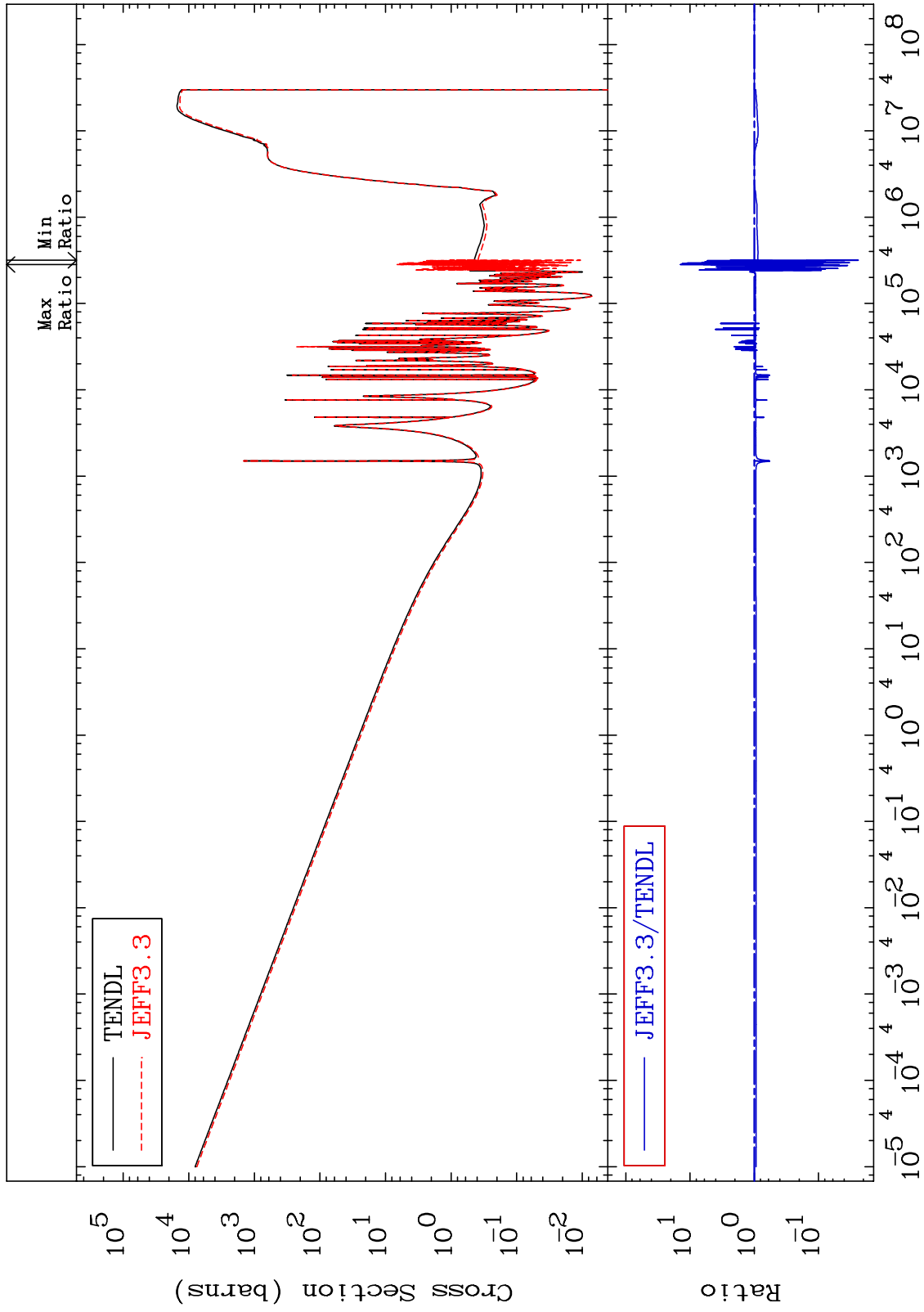
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-49
-97.61 To 1334. %



76

Incident Energy (eV)

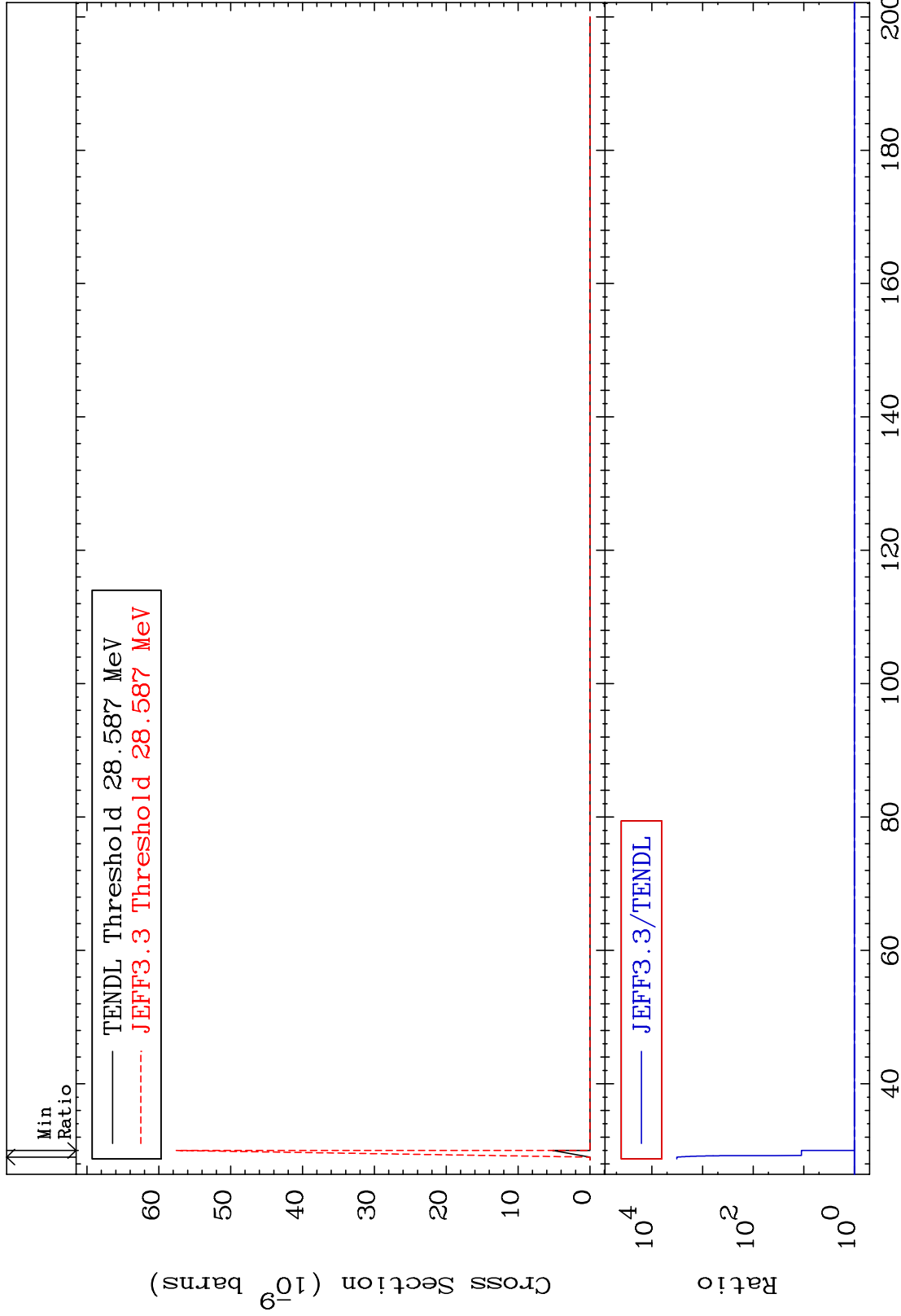
22-Ti-49

MAT 2234

(n,2n) d:21-Sc-46g

22-Ti-49

Radionuclide Production Cross Section 0.000 To 9999. %



77

Incident Energy (MeV)

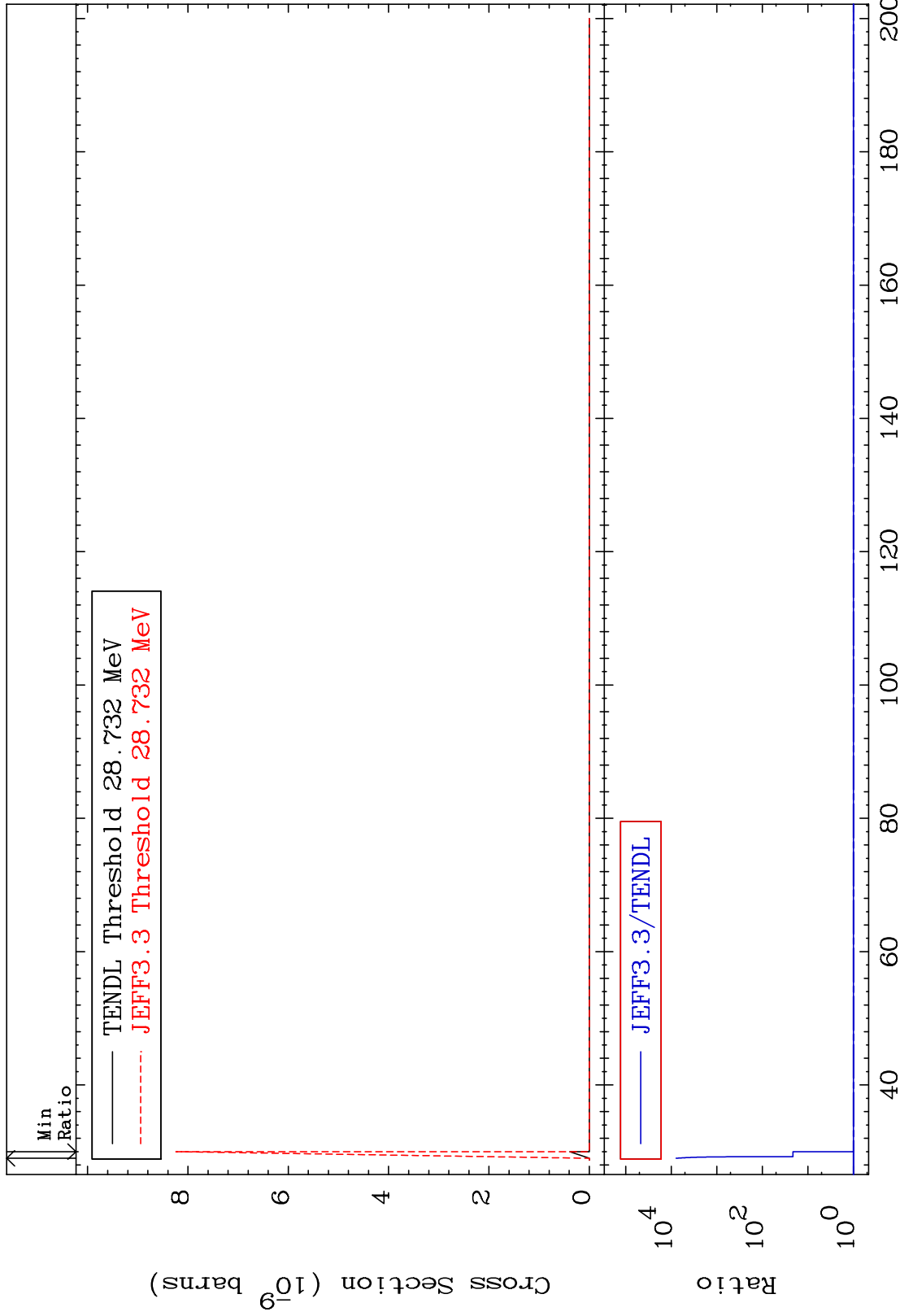
22-Ti-49

MAT 2234

(n,2n) d:21-Sc-46m2

22-Ti-49

Radionuclide Production Cross Section 0.000 To 9999. %



78

Incident Energy (MeV)

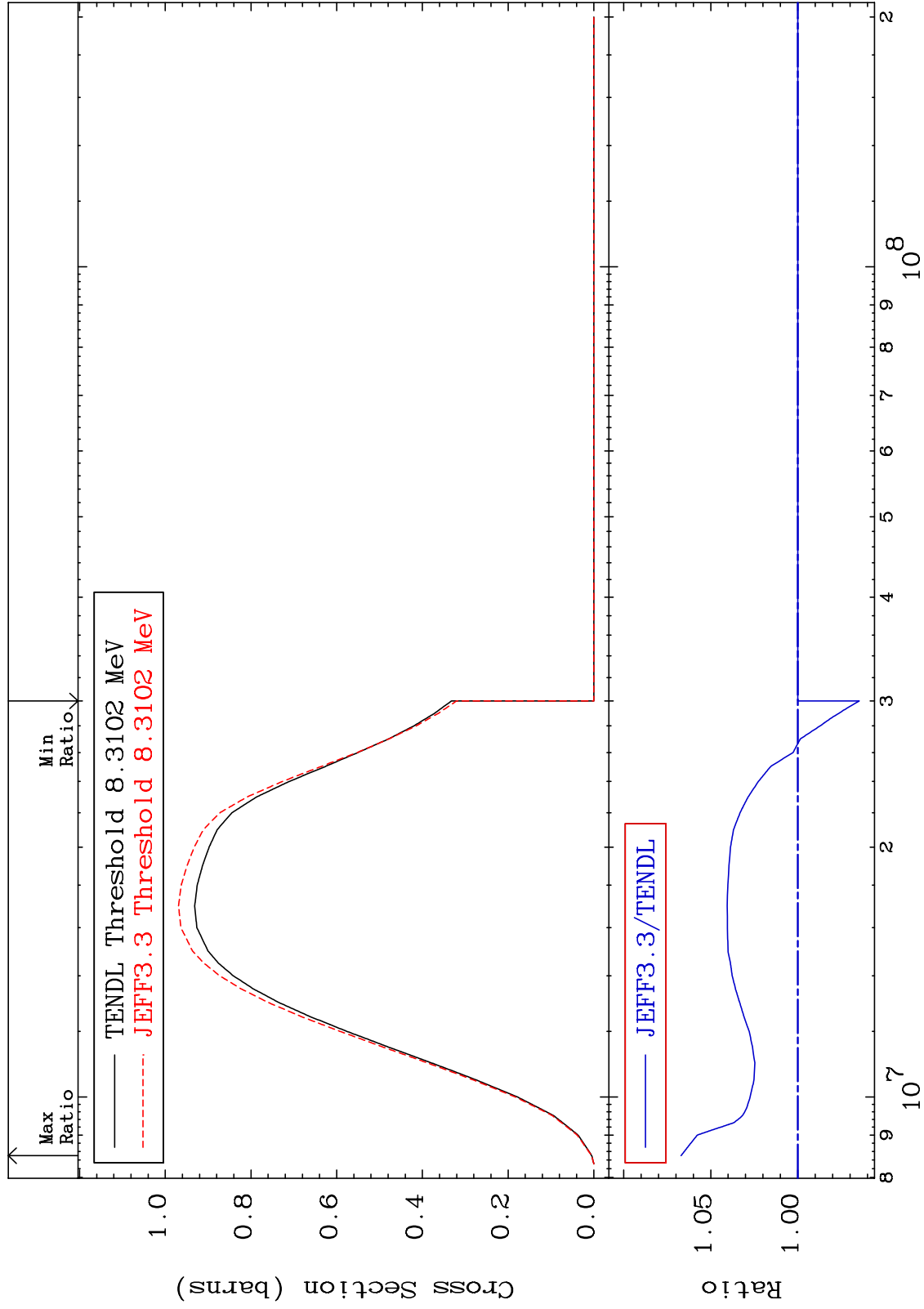
22-Ti-49

MAT 2234

(n,2n):22-Ti-48g

22-Ti-49

Radionuclide Production Cross Section -3.528 To 6.705 %



79

Incident Energy (eV)

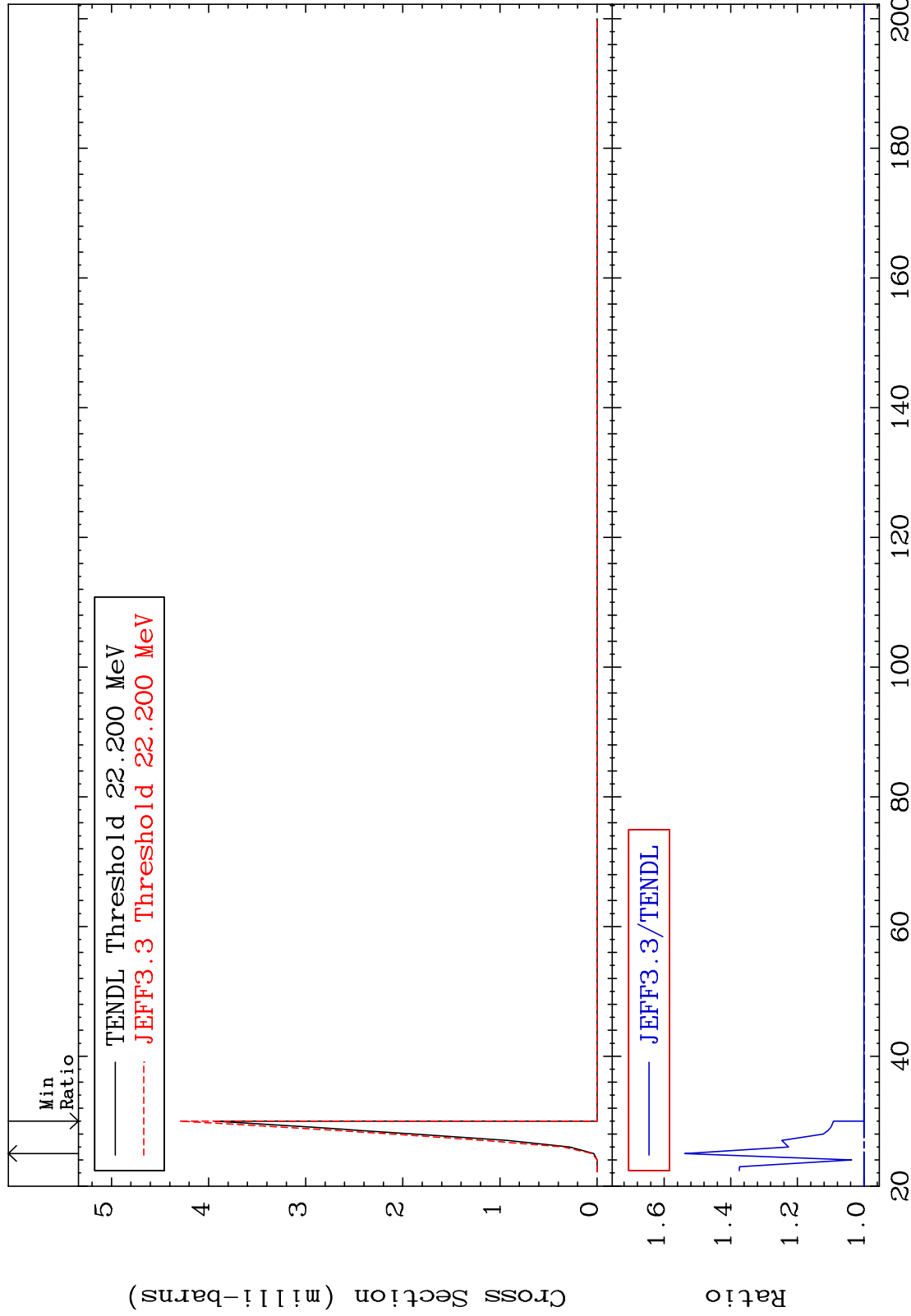
22-Ti-49

MAT 2234

(n, n') t:21-Sc-46g

22-Ti-49

Radionuclide Production Cross Section 0.000 To 53.79 %



22-Ti-49

Incident Energy (MeV)

80

MAT 2234

(n, n') t:21-Sc-46m2

22-Ti-49

Radionuclide Production Cross Section 0.000 To 9999. %

