

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

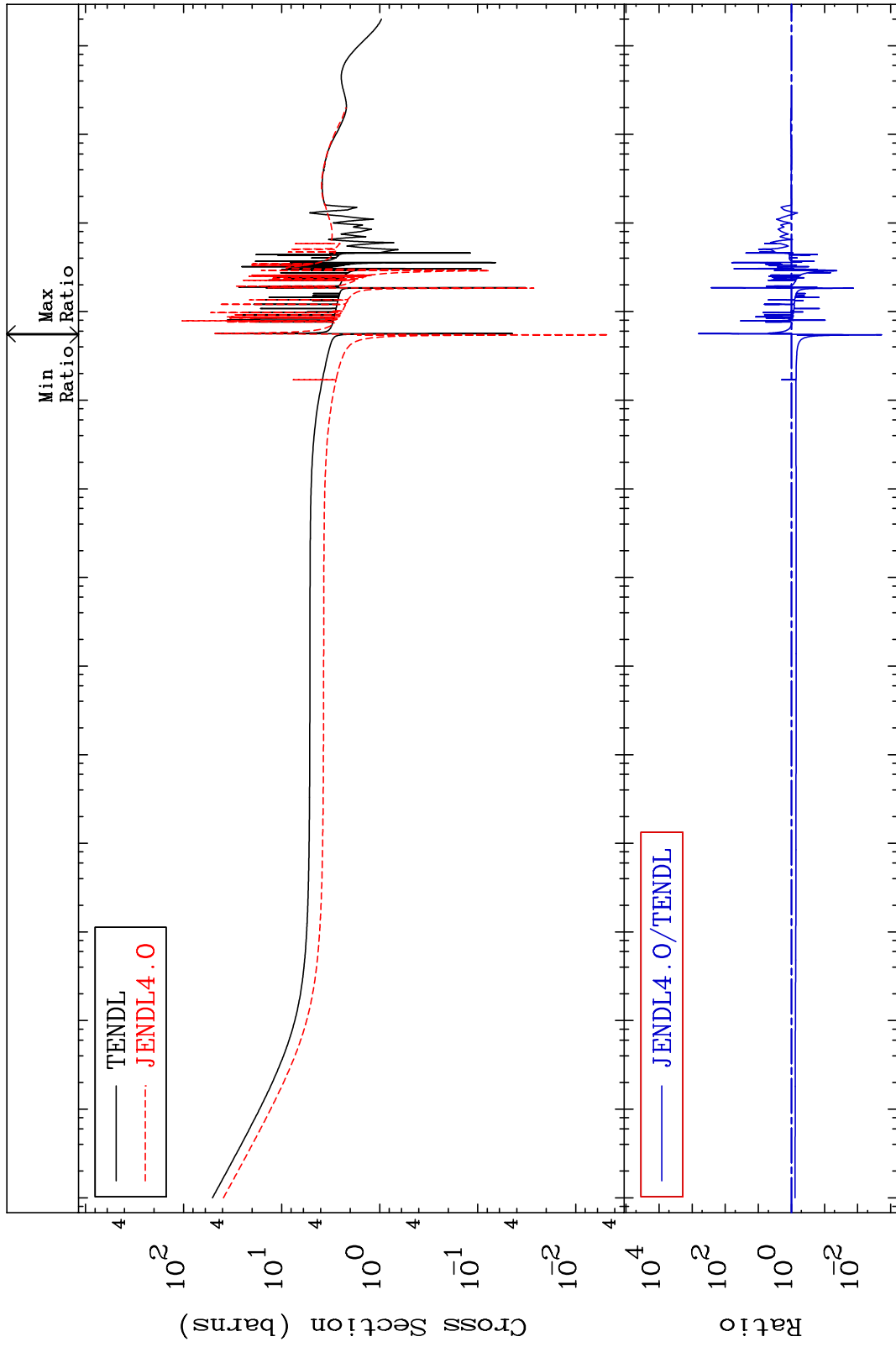
MAT 2237

Total

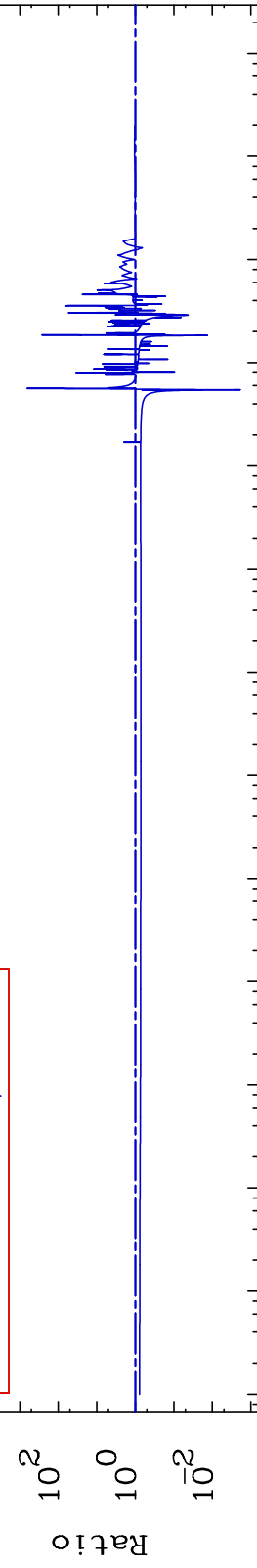
22-Ti-50

Cross Section

-99.81 To 9999. %



JENDL4.0/TENDL



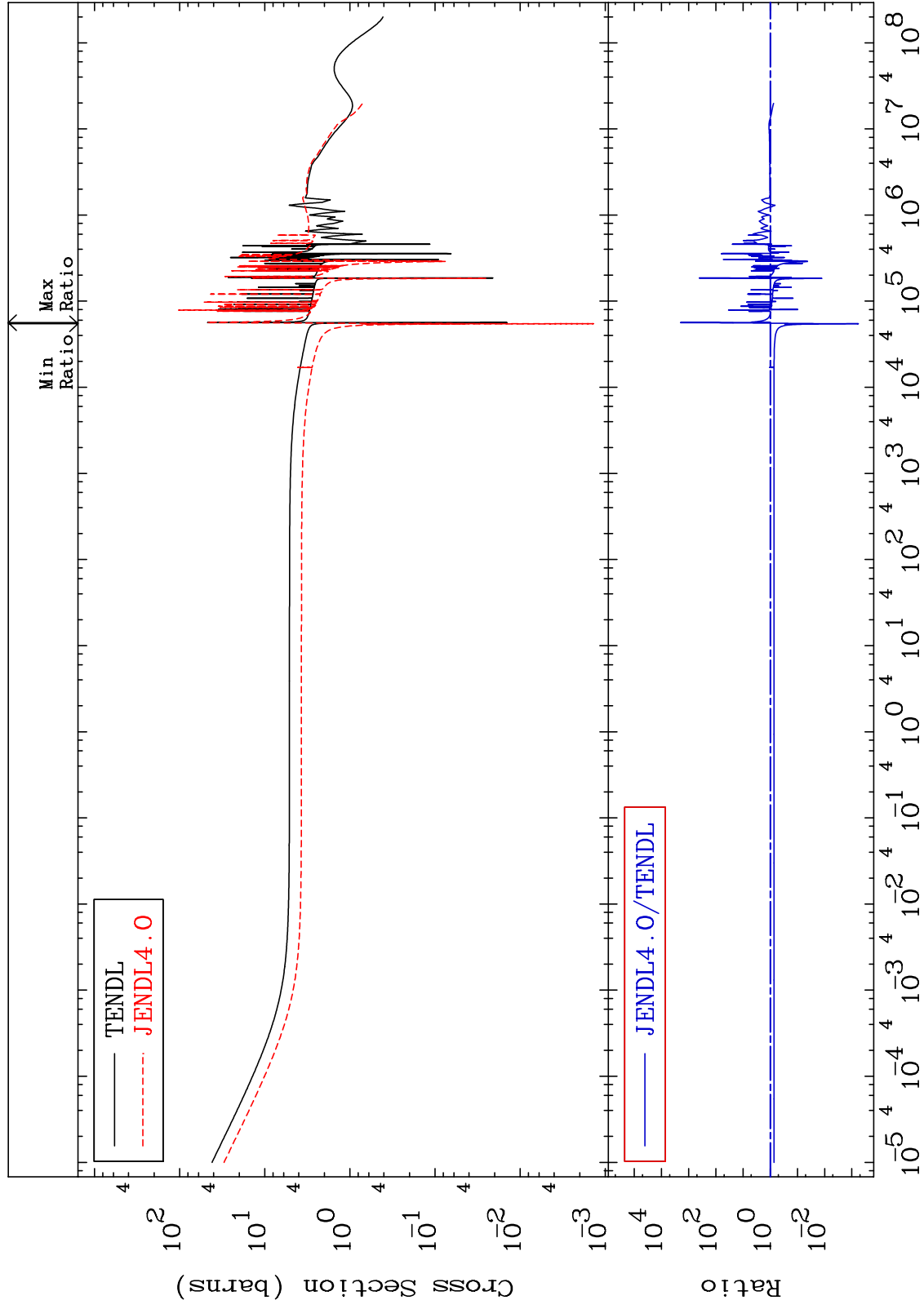
Incident Energy (eV)

22-Ti-50

MAT 2237

Elastic
Cross Section

22-Ti-50
-99.94 To 9999. %



2

Incident Energy (eV)

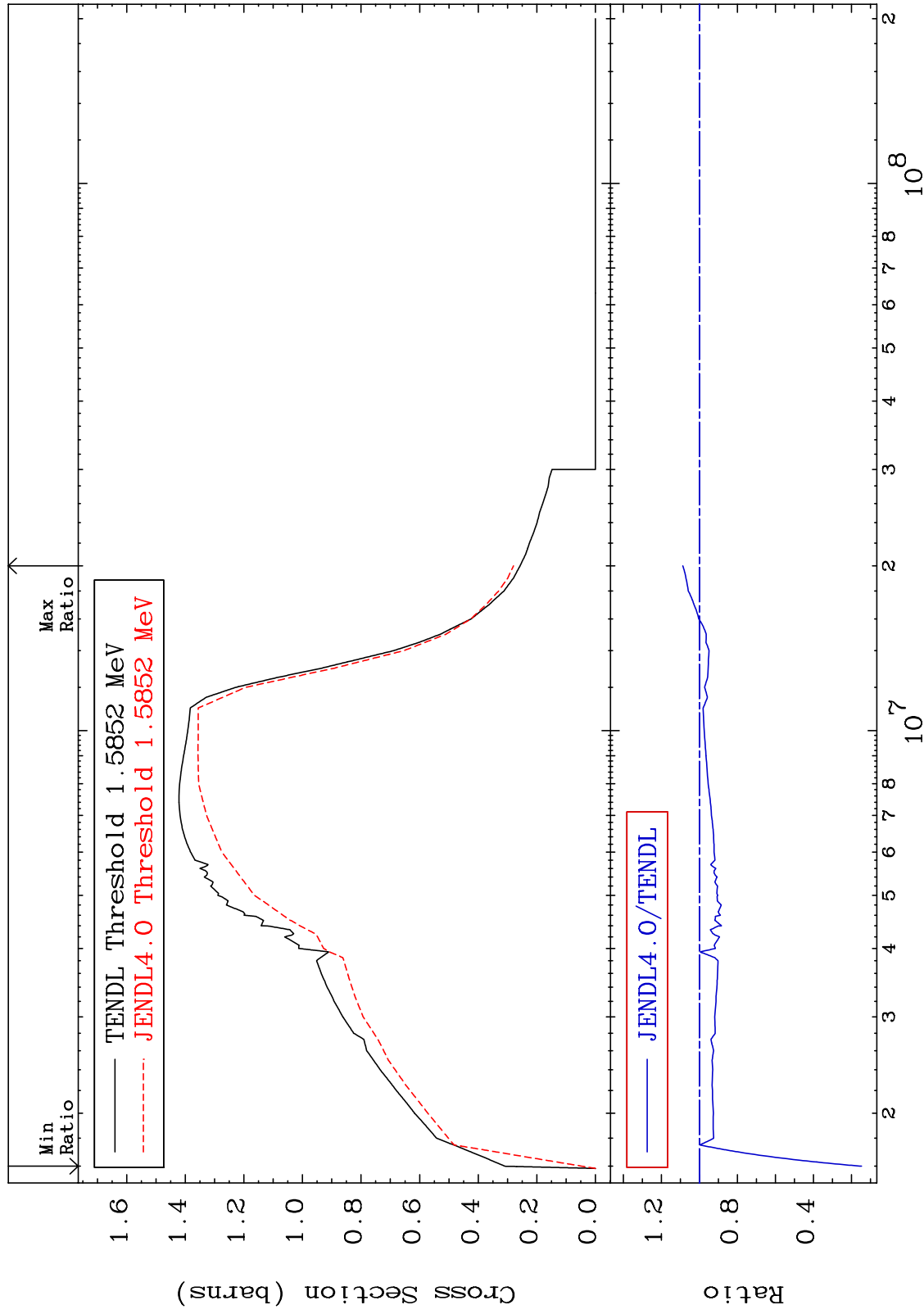
22-Ti-50

MAT 2237

Inelastic
Cross Section

22-Ti-50

-85.32 To 8.694 %



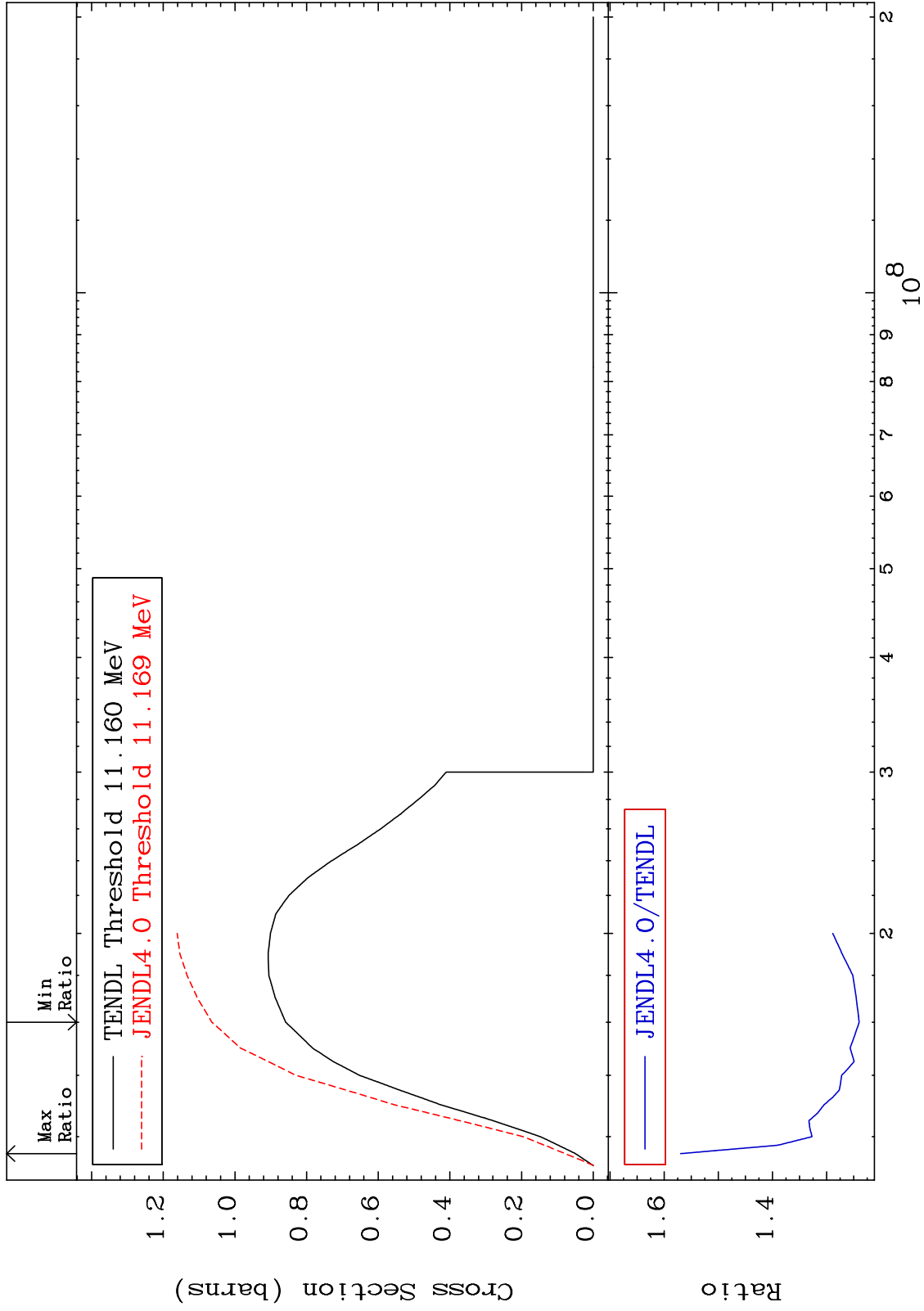
MAT 2237

(n,2n)

22-Ti-50

Cross Section

24.00 To 56.98 %



MAT 2237

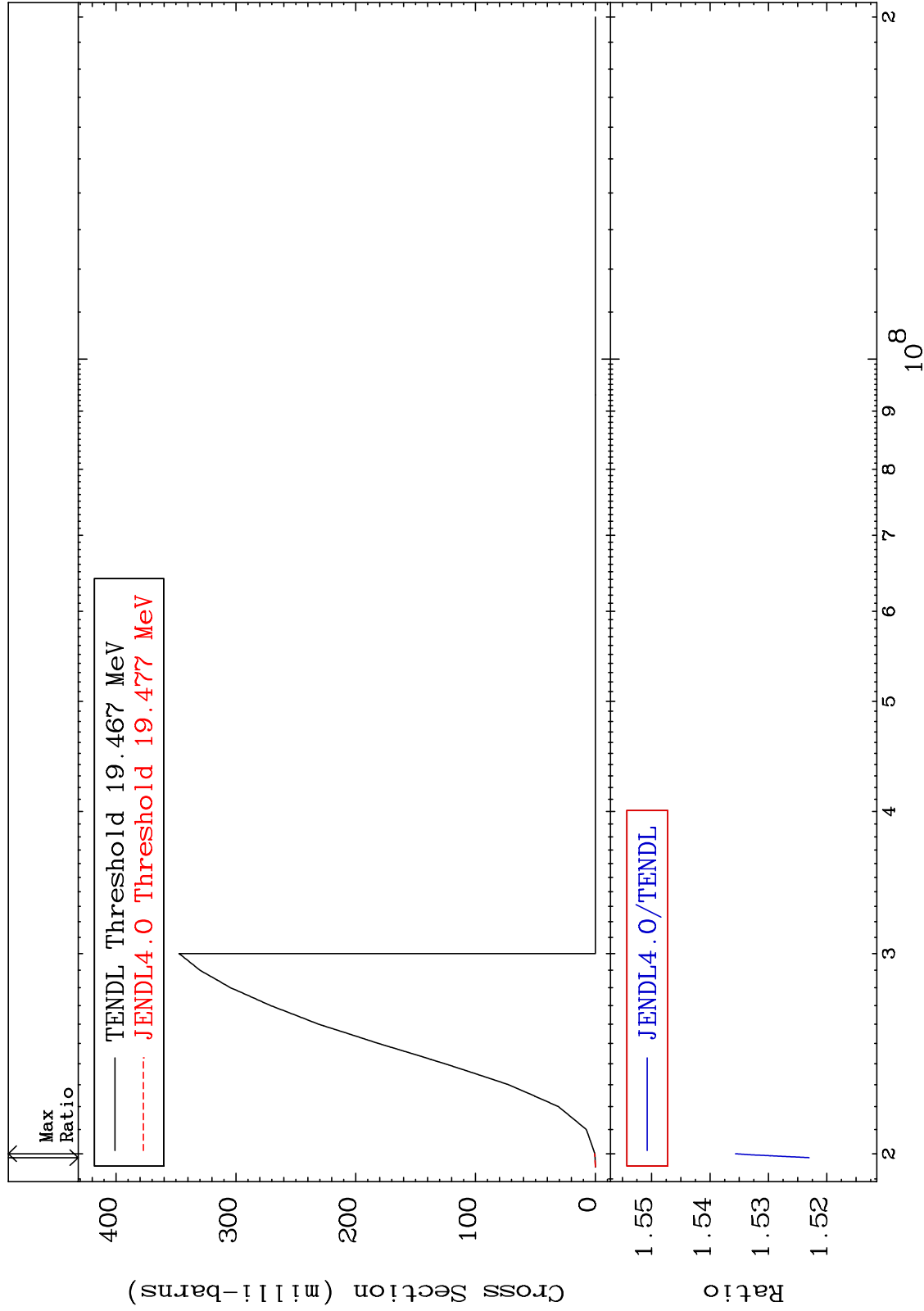
(n,3n)

22-Ti-50

Cross Section

52.31

To 53.57 %



5

Incident Energy (eV)

22-Ti-50

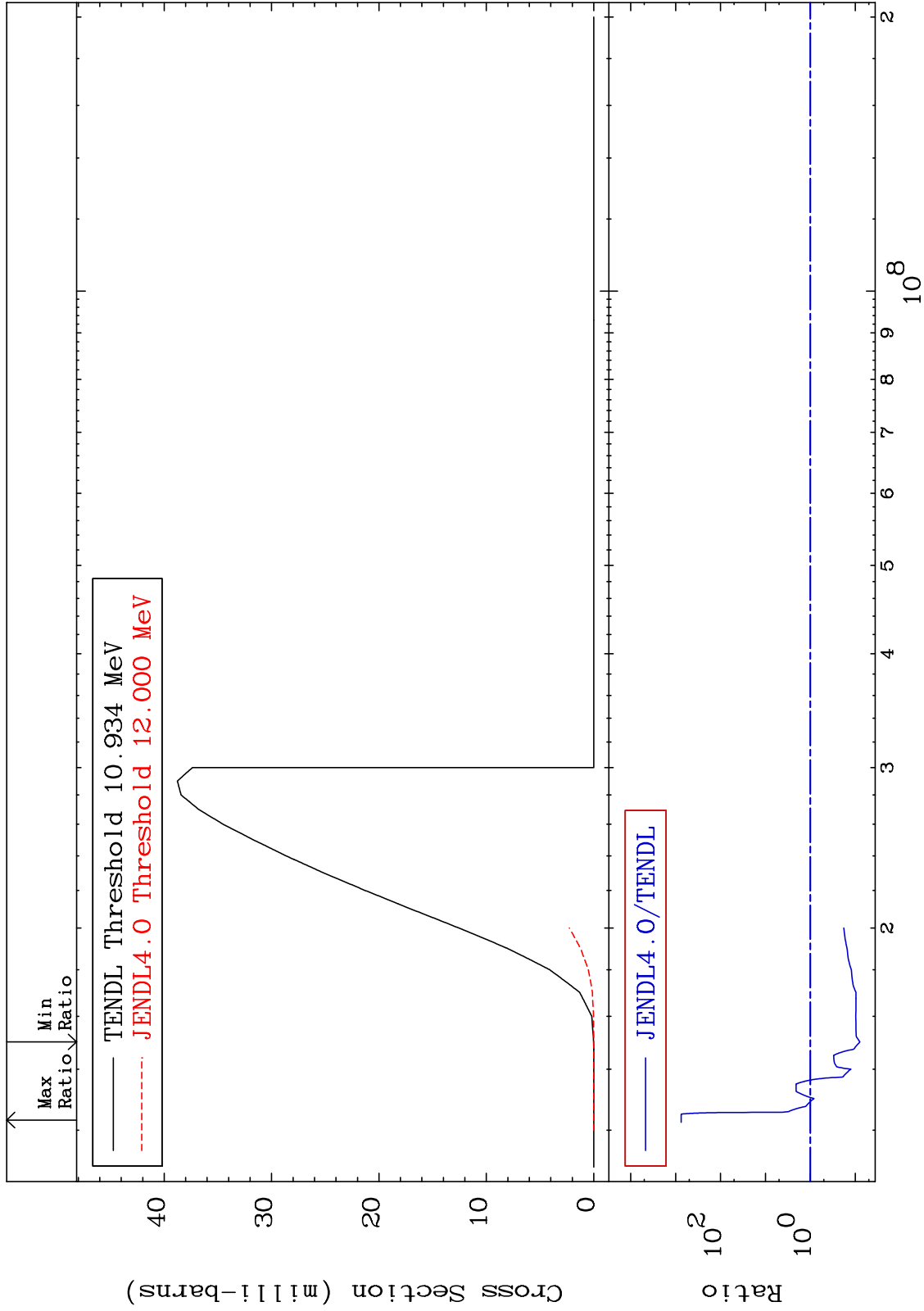
MAT 2237

(n,n') α

22-Ti-50

Cross Section

-92.10 To 9999. %



MAT 2237

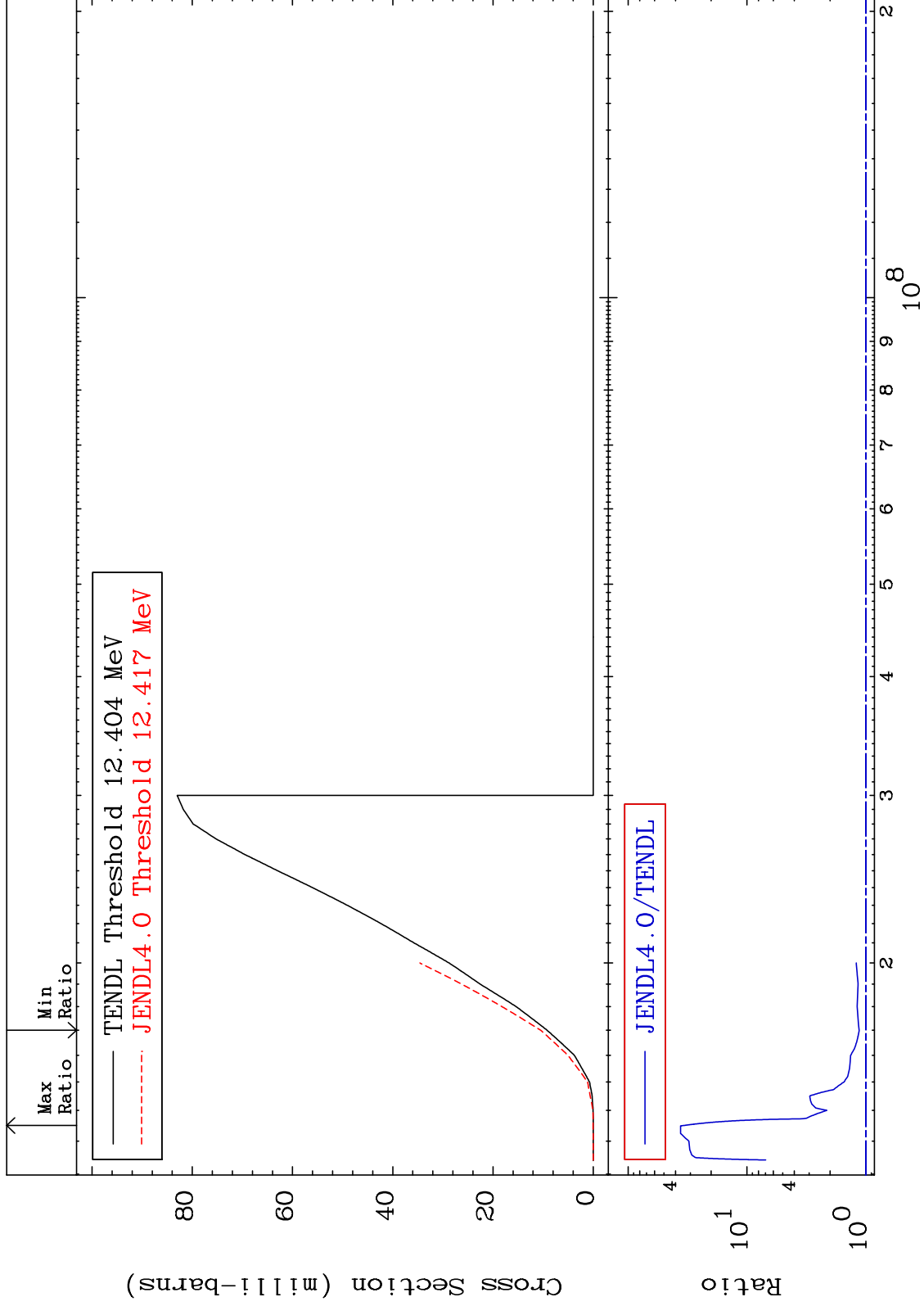
(n,n') p

22-Ti-50

Cross Section

13.78

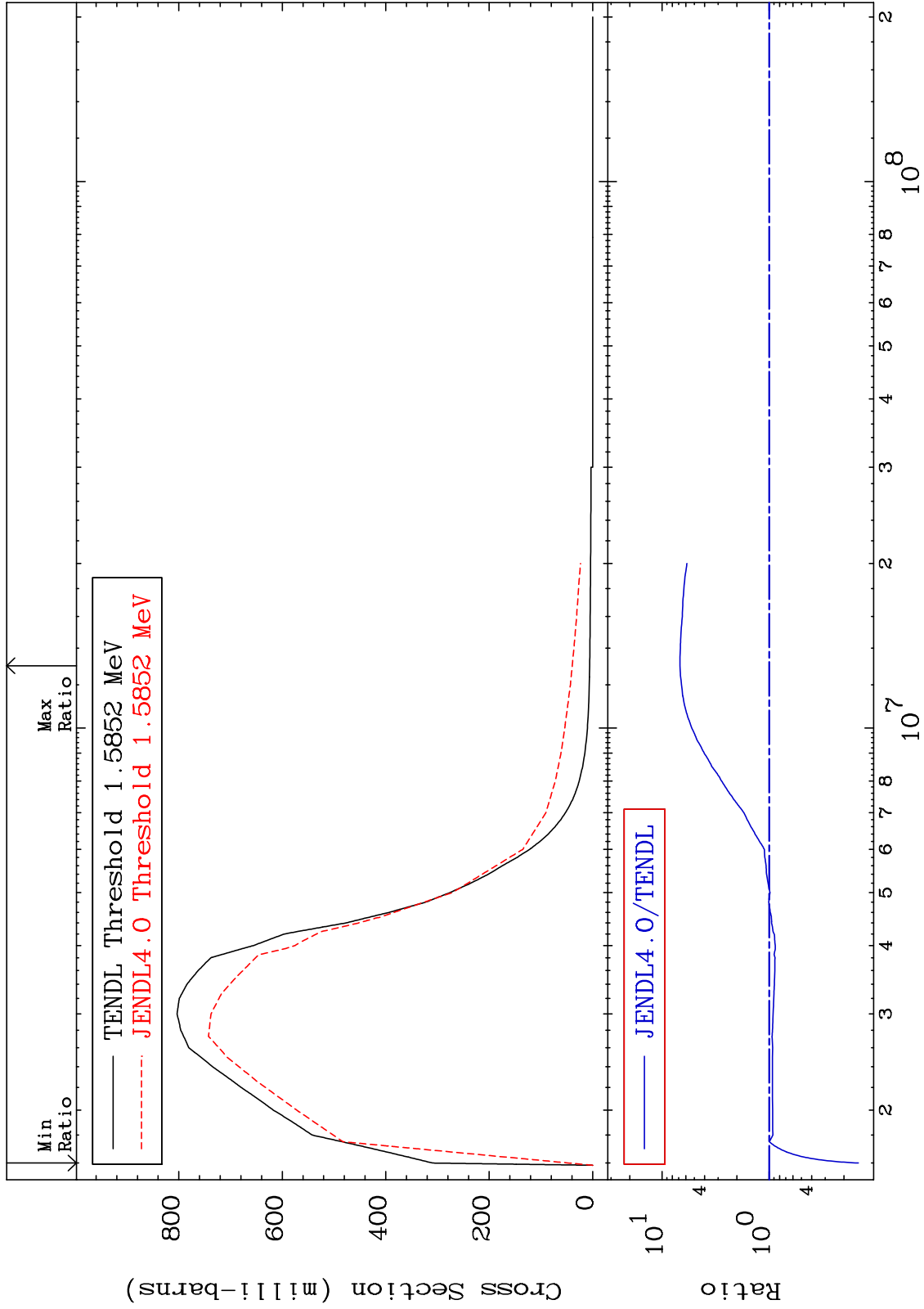
To 3518. %



MAT 2237

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

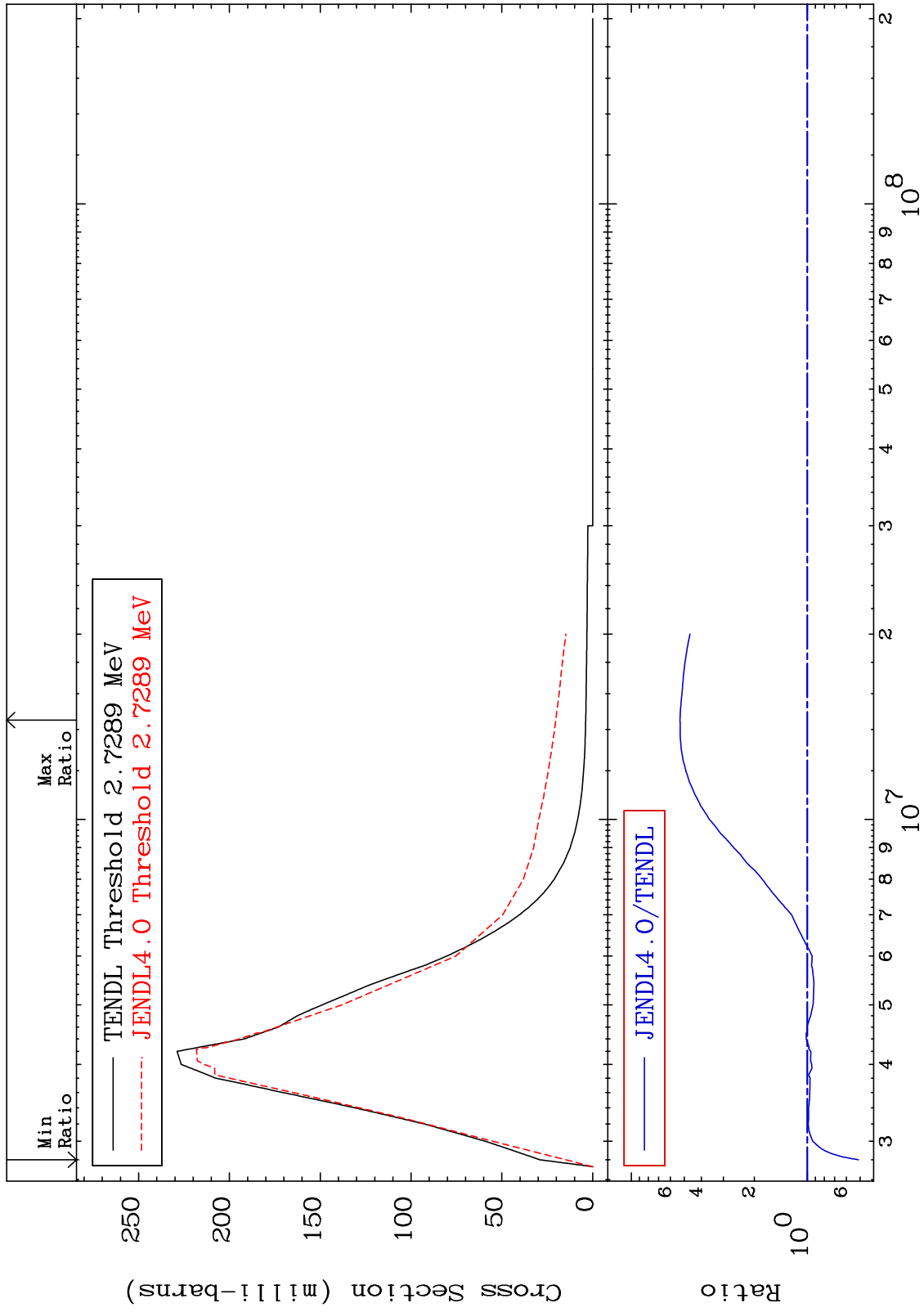
22-Ti-50
-85.32 To 579.5 %



MAT 2237

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

22-Ti-50
-48.82 To 429.0 %



9

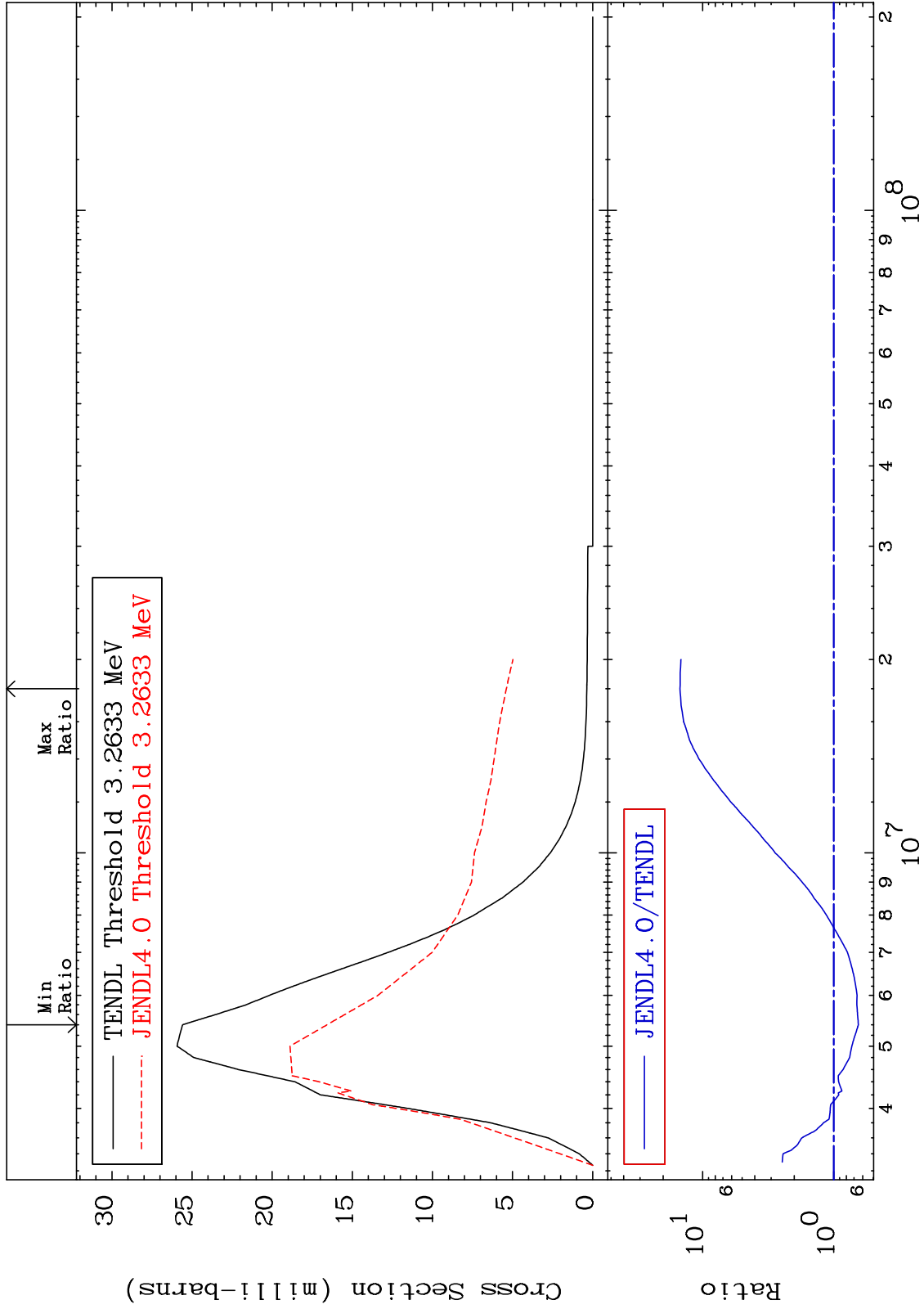
Incident Energy (eV)

22-Ti-50

MAT 2237

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

22-Ti-50
-35.24 To 1387. %



10

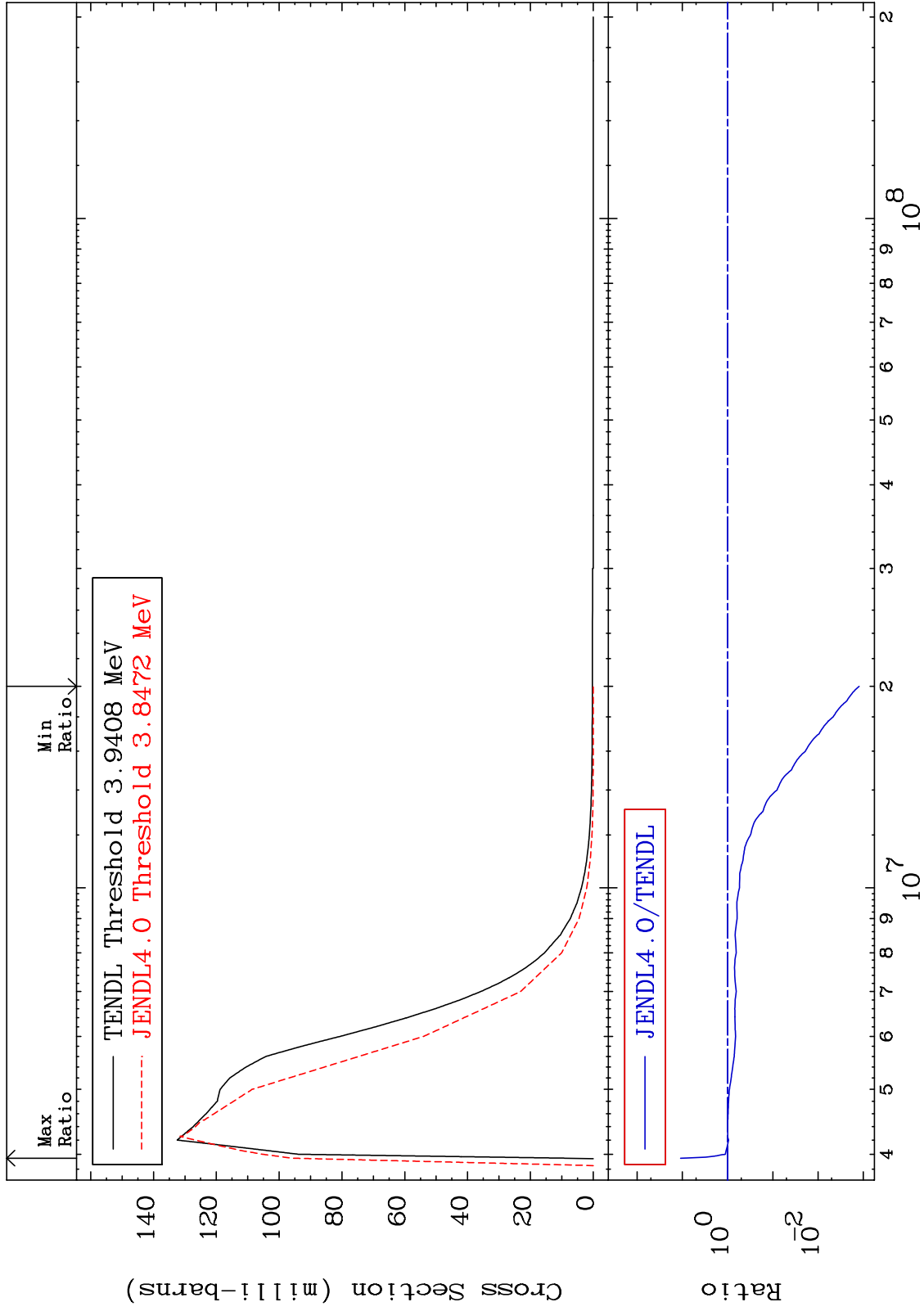
Incident Energy (eV)

22-Ti-50

MAT 2237

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

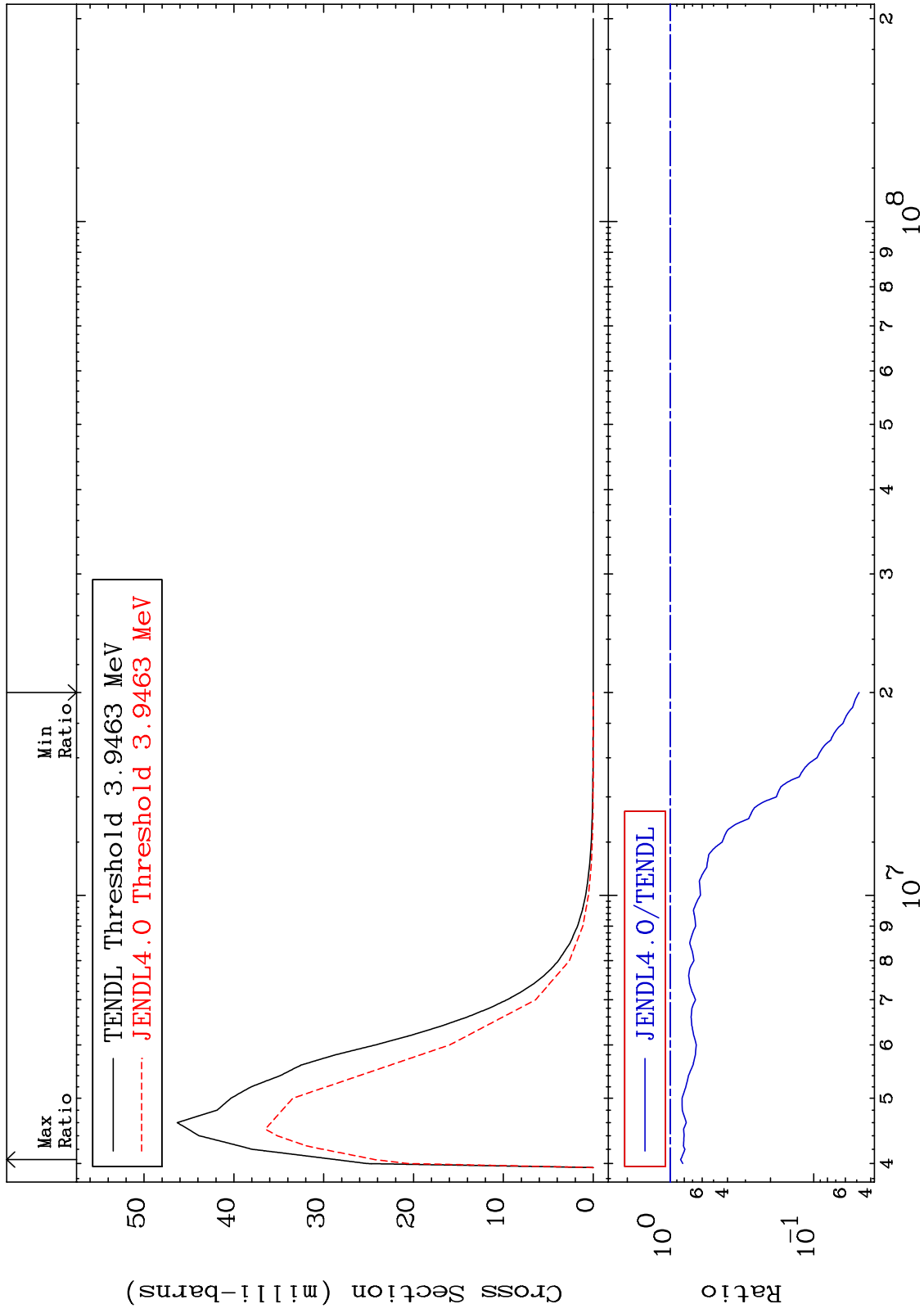
22-Ti-50
-99.88 To 994.9 %



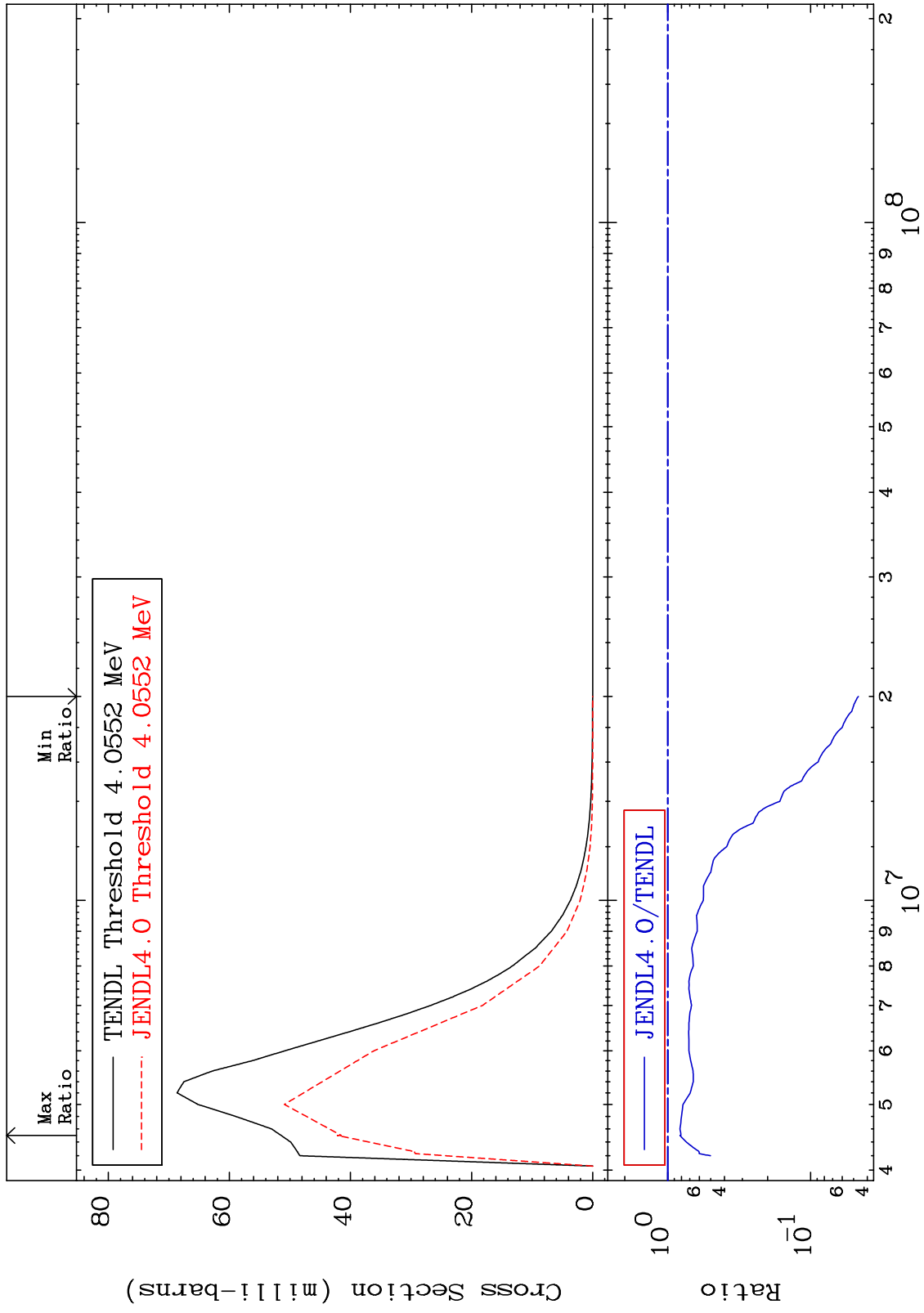
MAT 2237

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

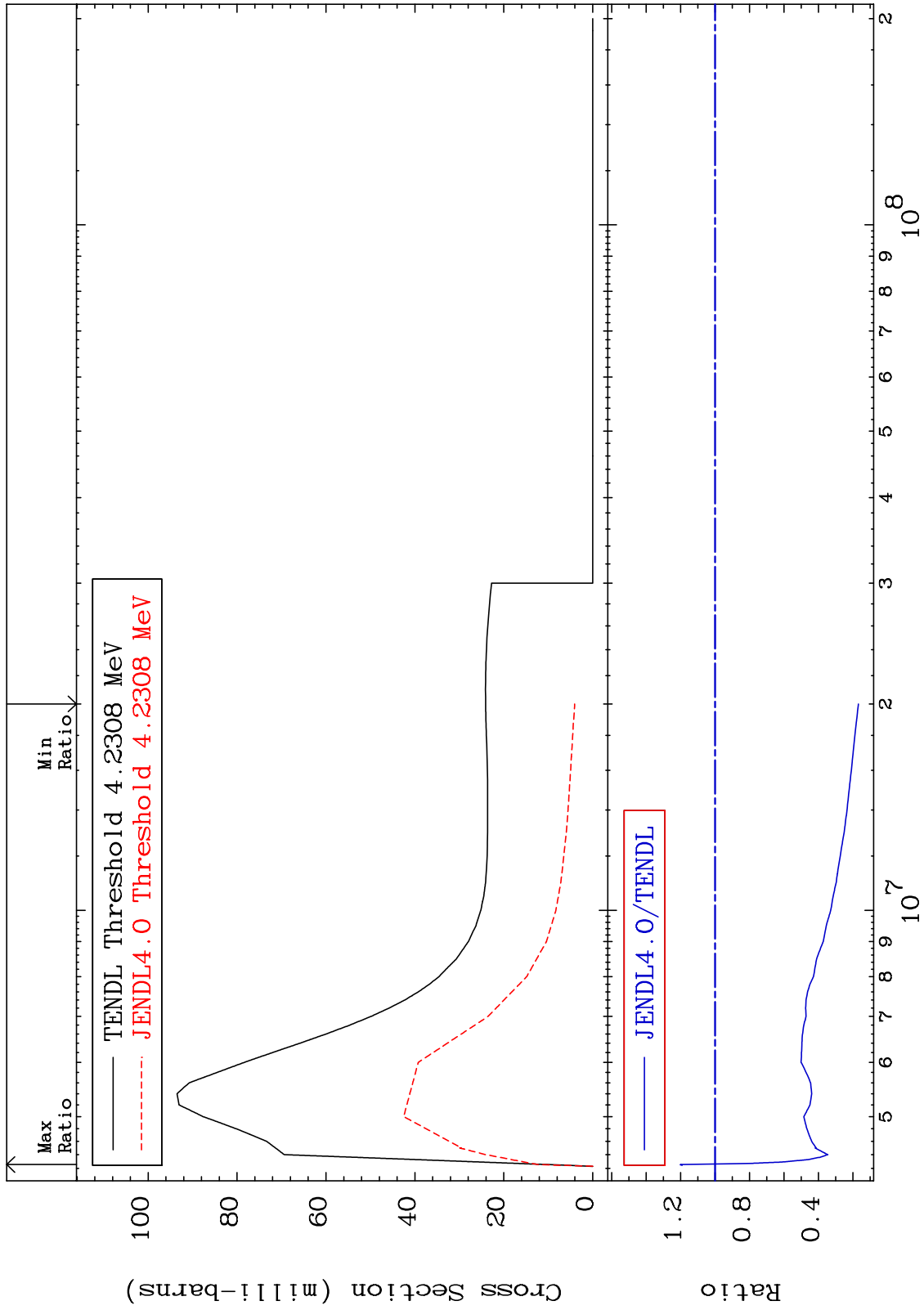
22-Ti-50
-95.19 To -15.17%



MAT 2237 MT= 56 (n,n') Level 22-Ti-50
 Cross Section -95.38 To -18.00%



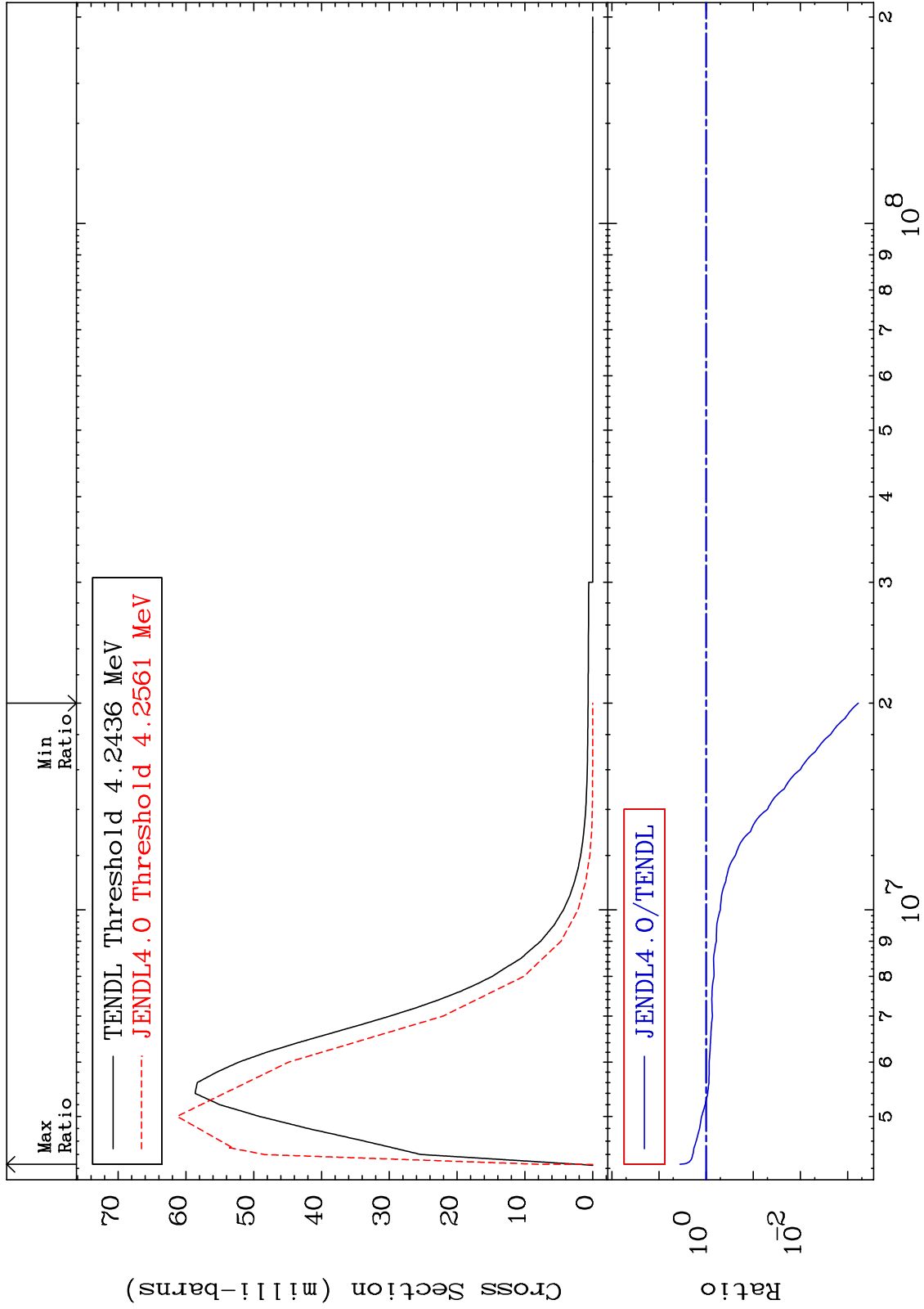
MAT 2237 MT= 57 (n,n') Level 22-Ti-50
 Cross Section -83.18 To 20.35 %



MAT 2237

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

22-Ti-50
-99.94 To 258.1 %



15

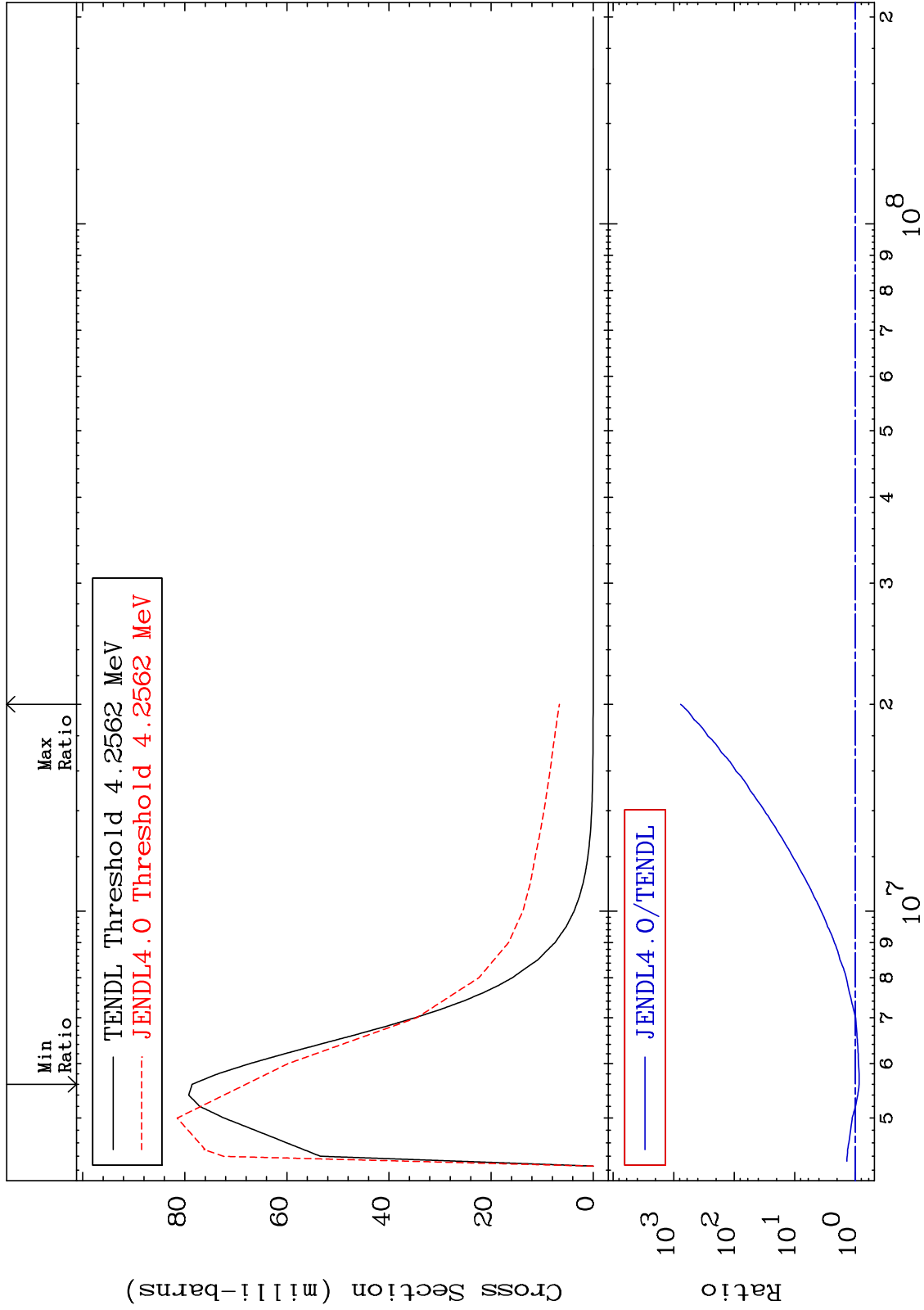
Incident Energy (eV)

22-Ti-50

MAT 2237

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

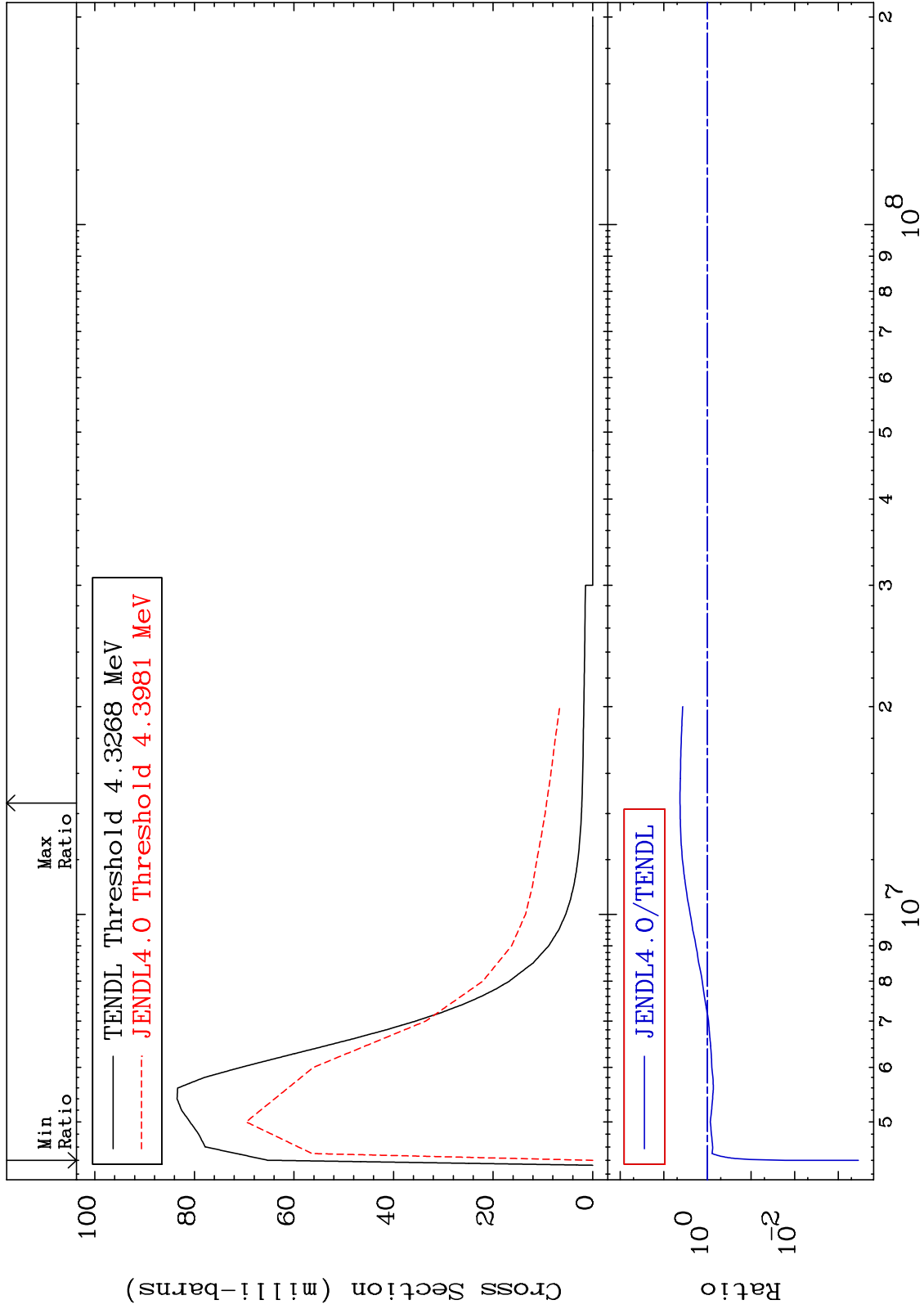
22-Ti-50
-13.45 To 9999. %



MAT 2237

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

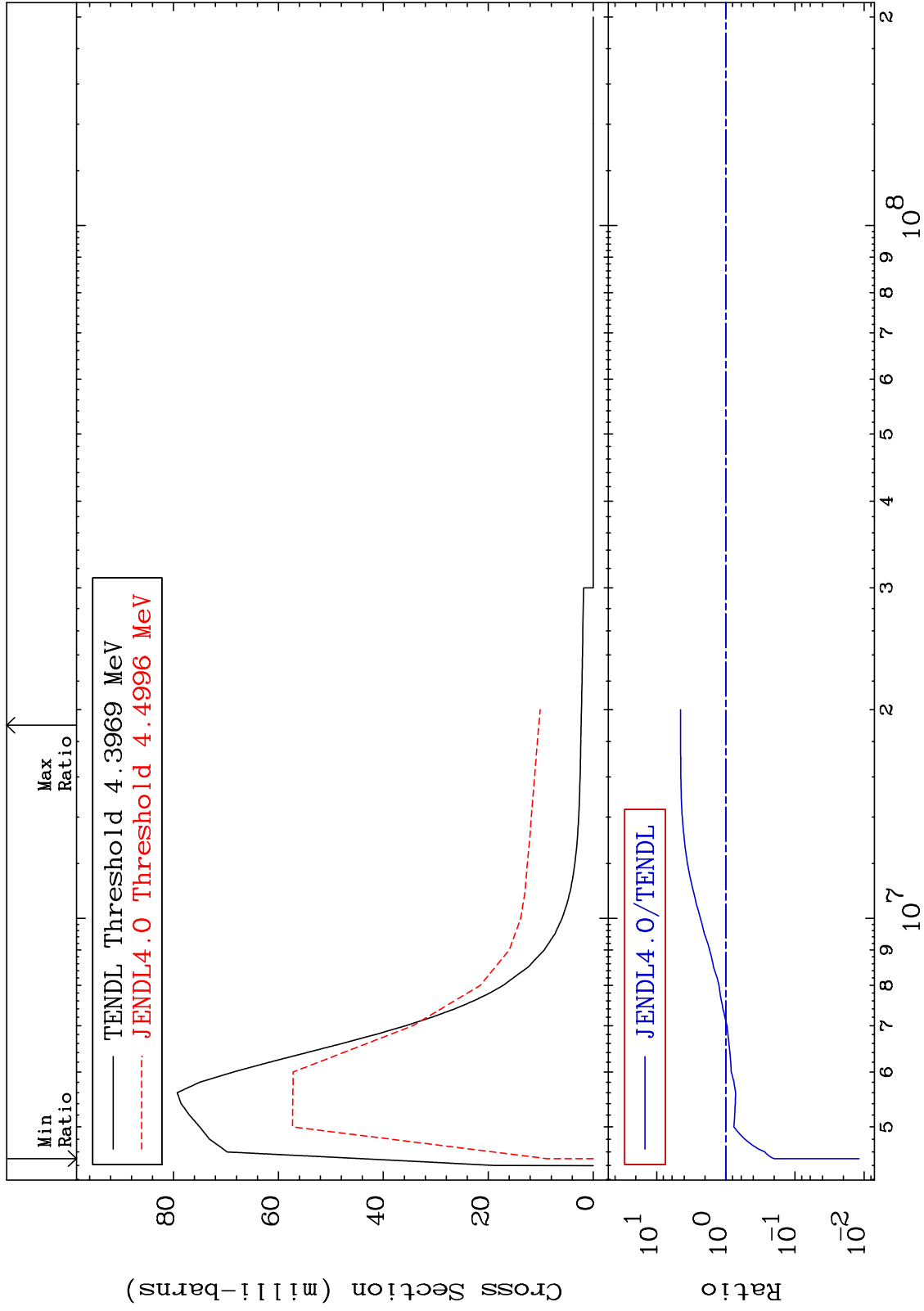
22-Ti-50
-99.97 To 326.8 %



MAT 2237

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

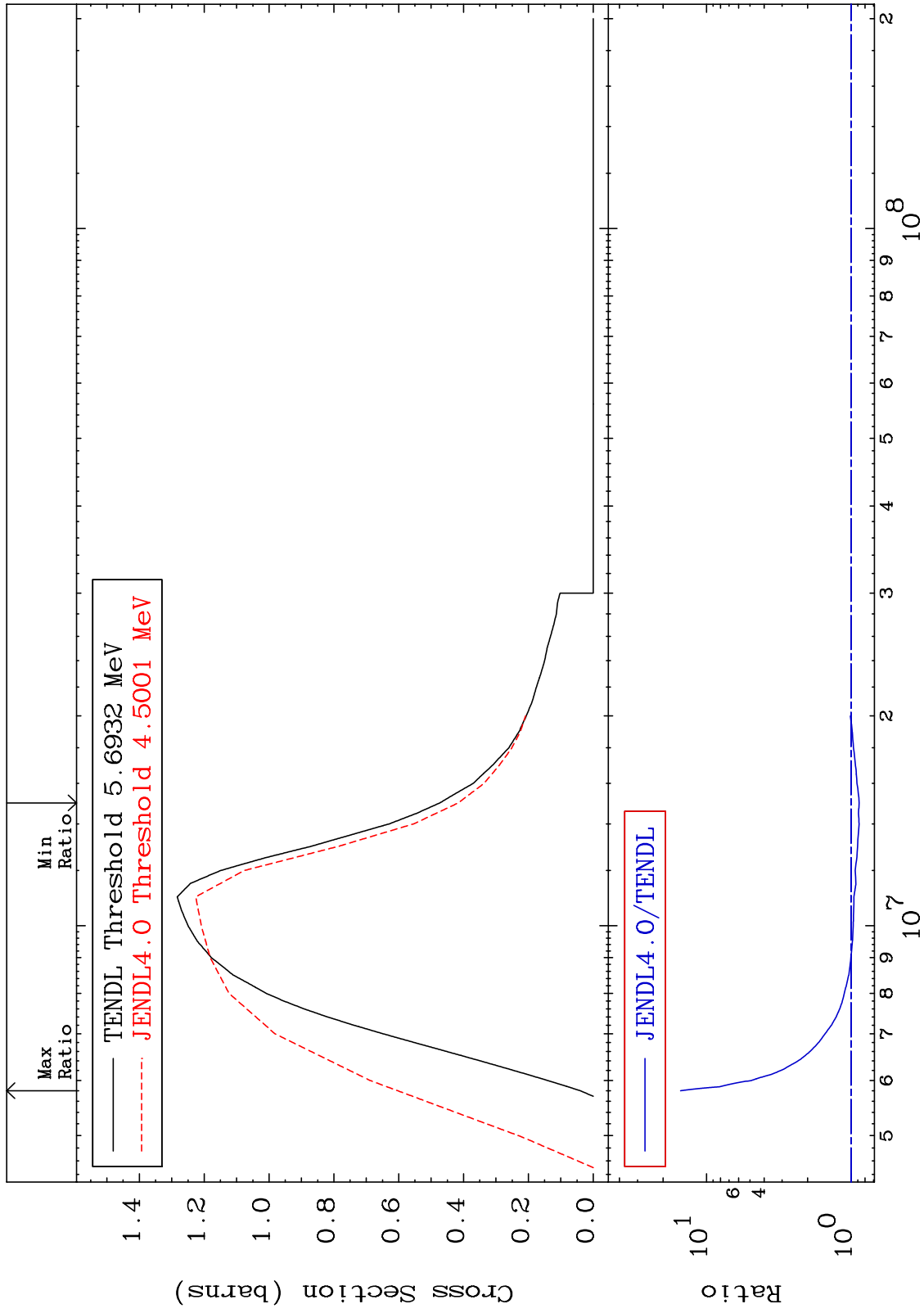
22-Ti-50
-98.82 To 350.3 %



MAT 2237

(n,n') Continuum
Cross Section

22-Ti-50
-12.05 To 1411. %



19

Incident Energy (eV)

22-Ti-50

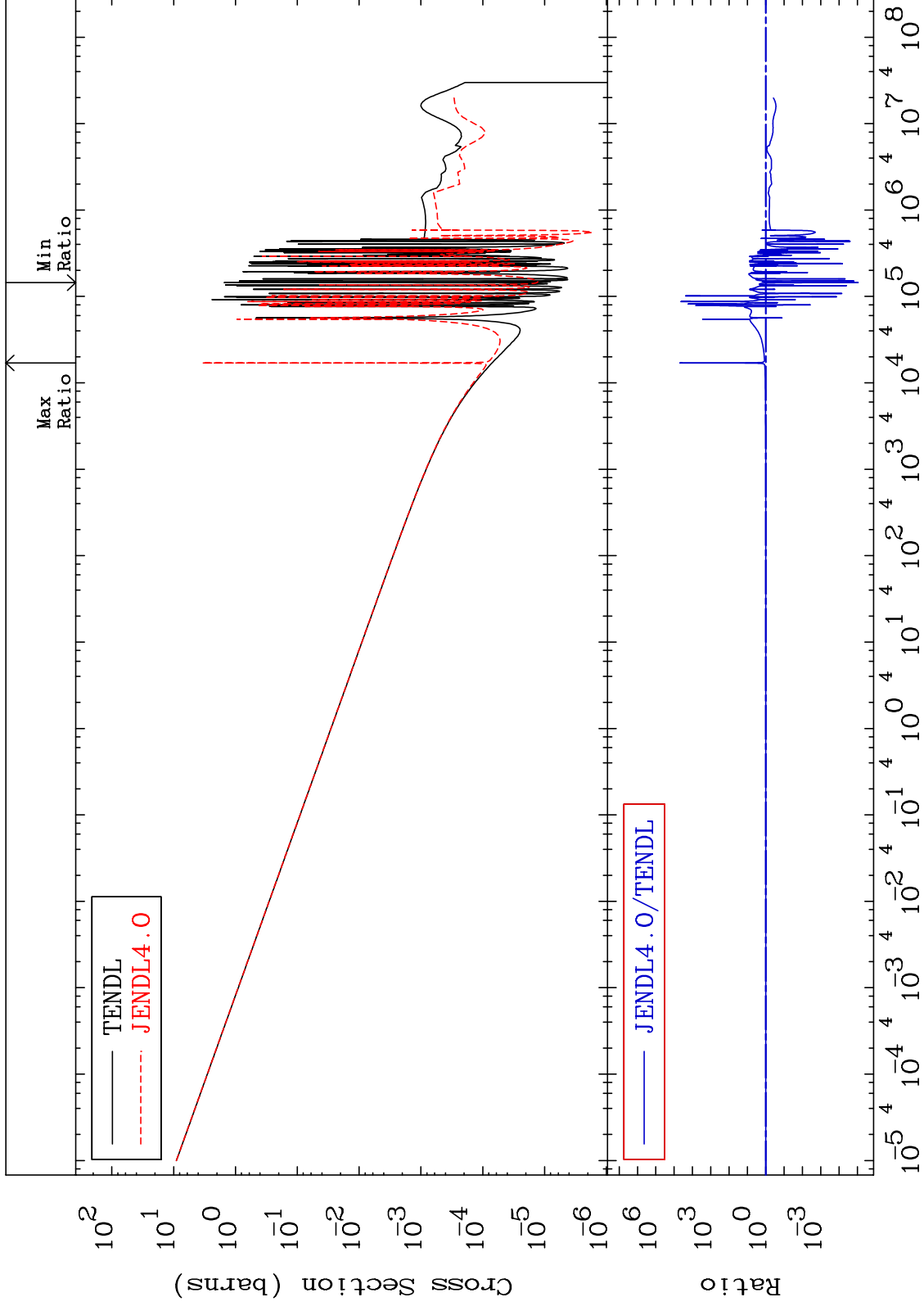
MAT 2237

(n, γ)

22-Ti-50

Cross Section

-100.0 To 9999. %



20

Incident Energy (eV)

22-Ti-50

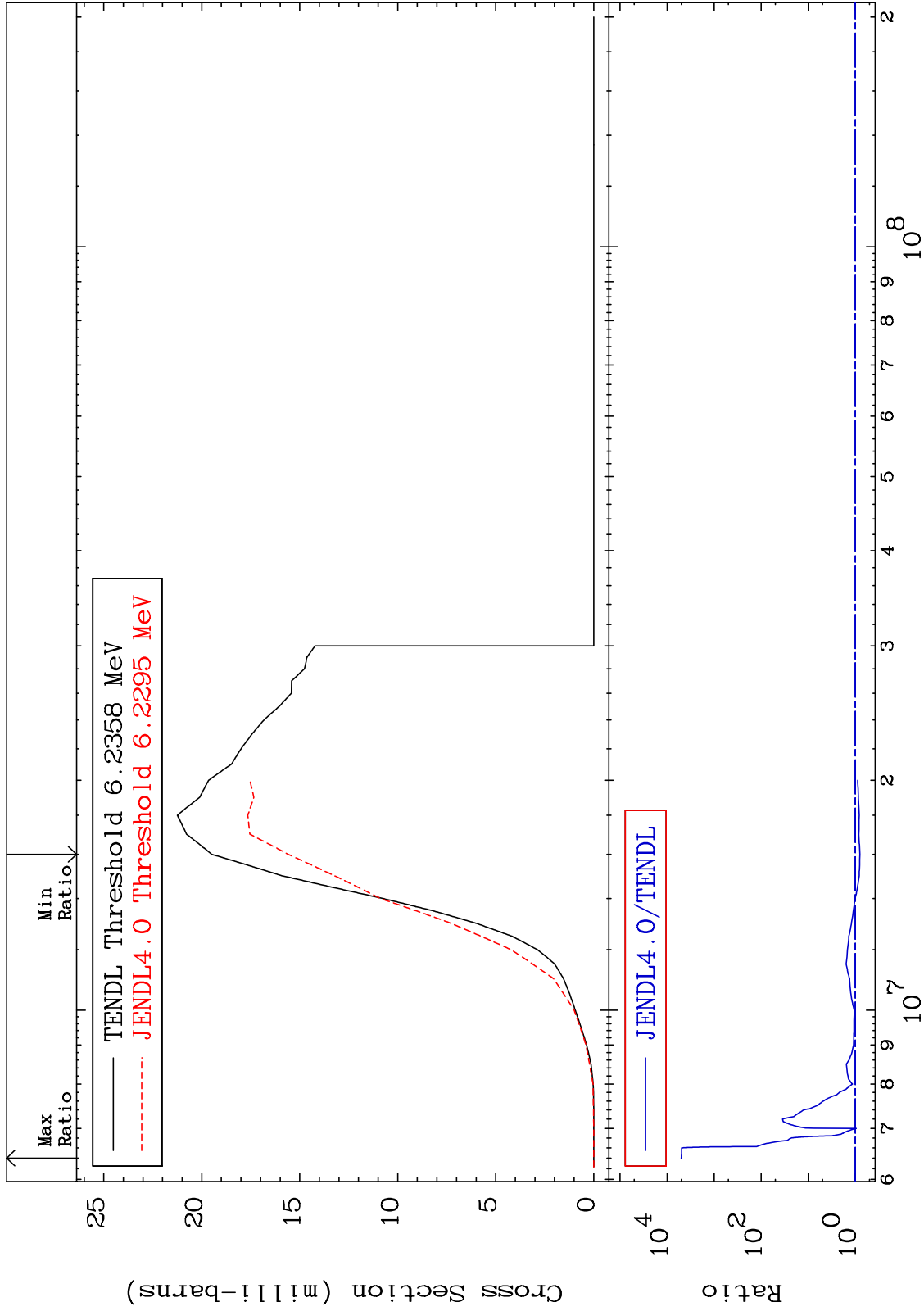
MAT 2237

(n,p)

22-Ti-50

Cross Section

-20.01 To 9999. %



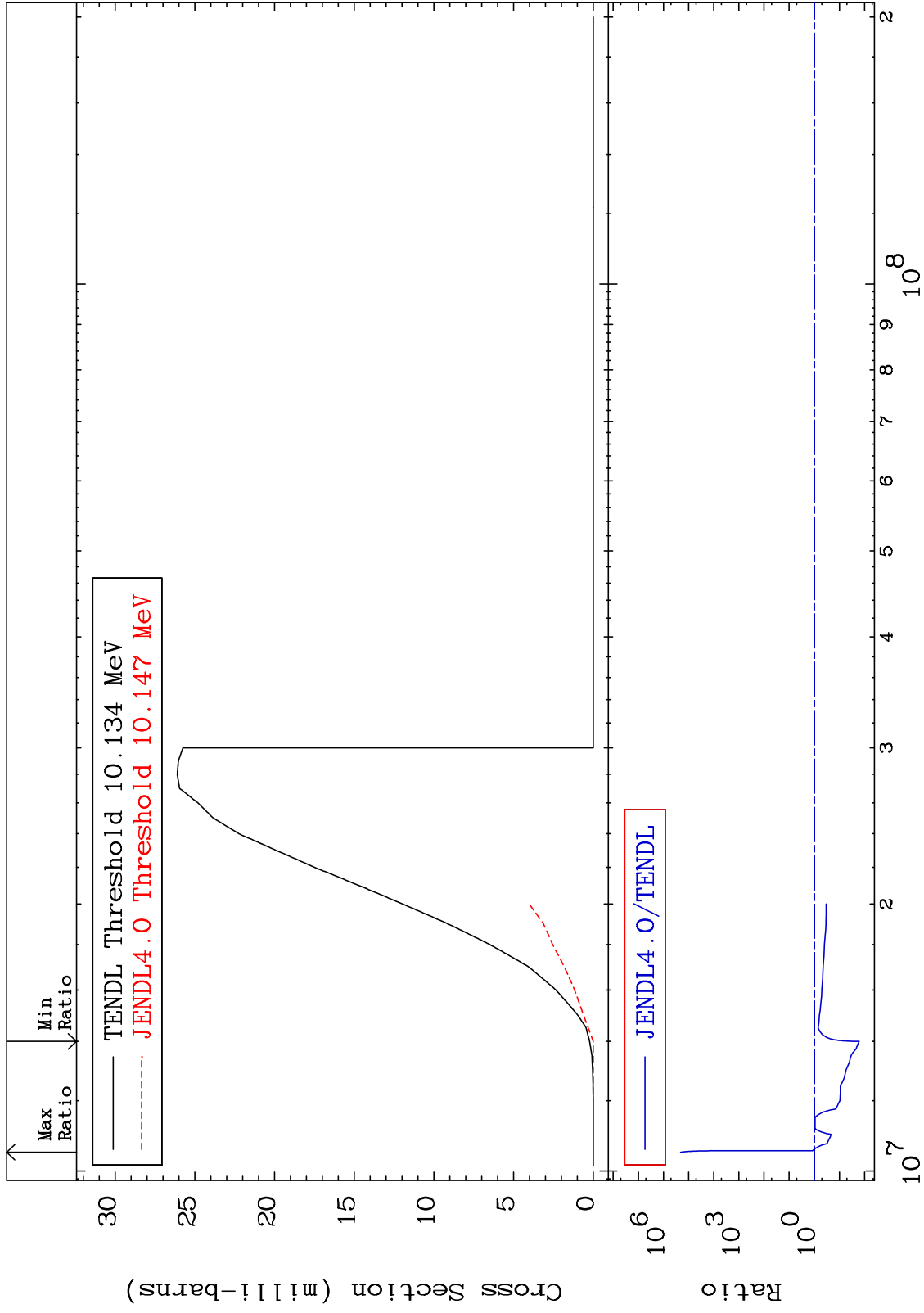
MAT 2237

(n,d)

22-Ti-50

Cross Section

-98.36 To 9999. %



Incident Energy (eV)

22-Ti-50

22

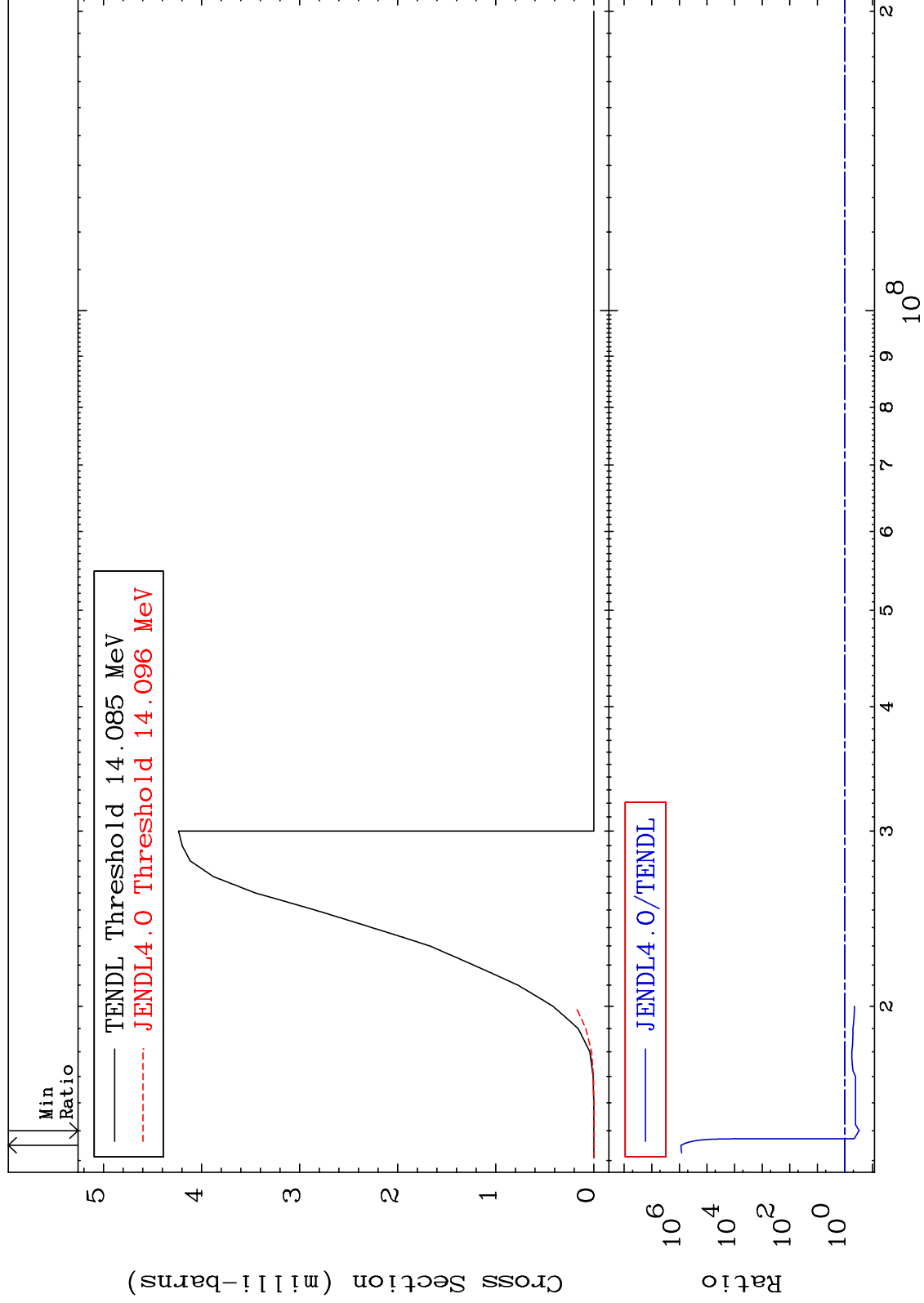
MAT 2237

(n, t)

22-Ti-50

Cross Section

-69.77 To 9999. %



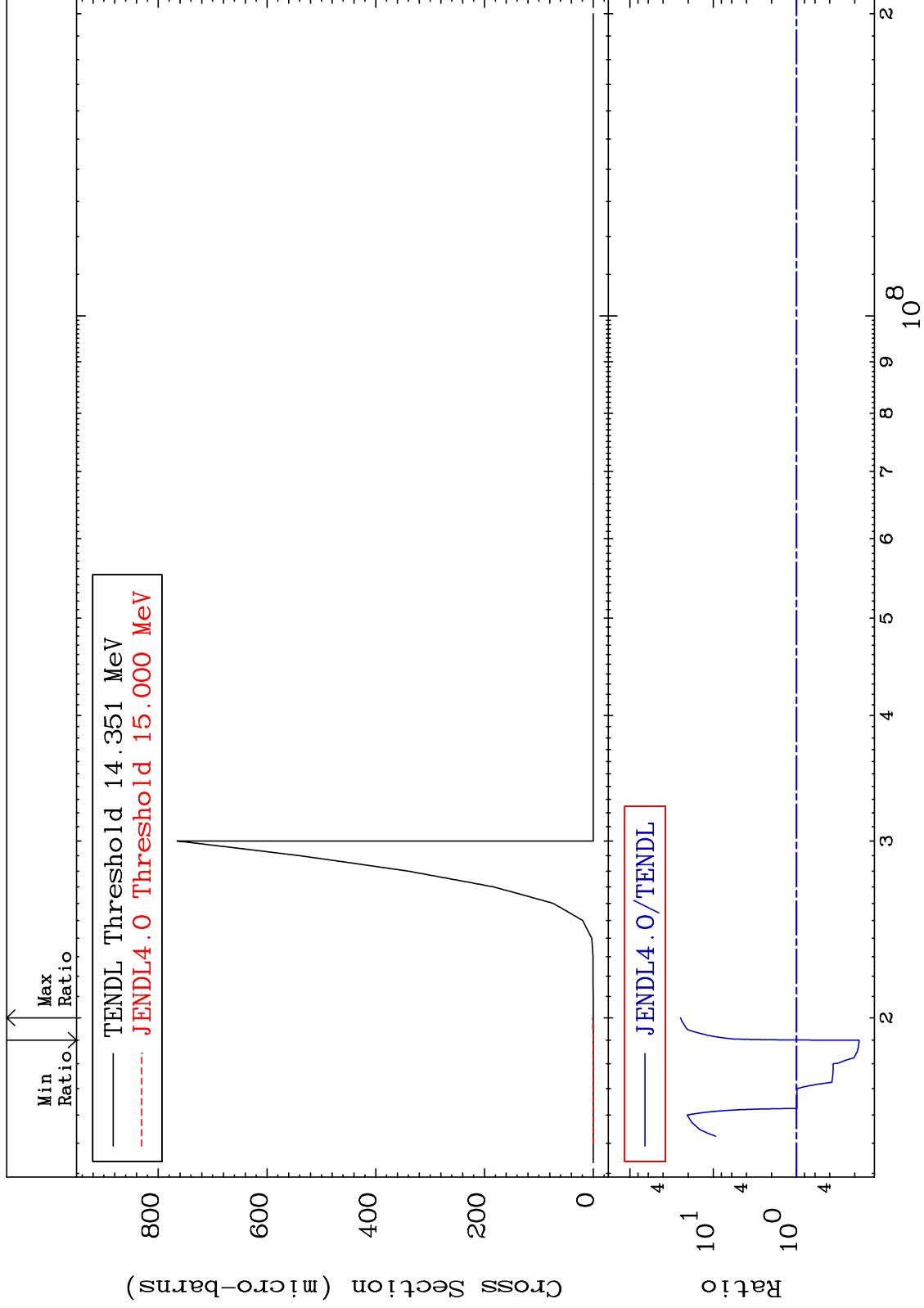
MAT 2237

(n, He-3)

22-Ti-50

Cross Section

-82.25 To 2359. %



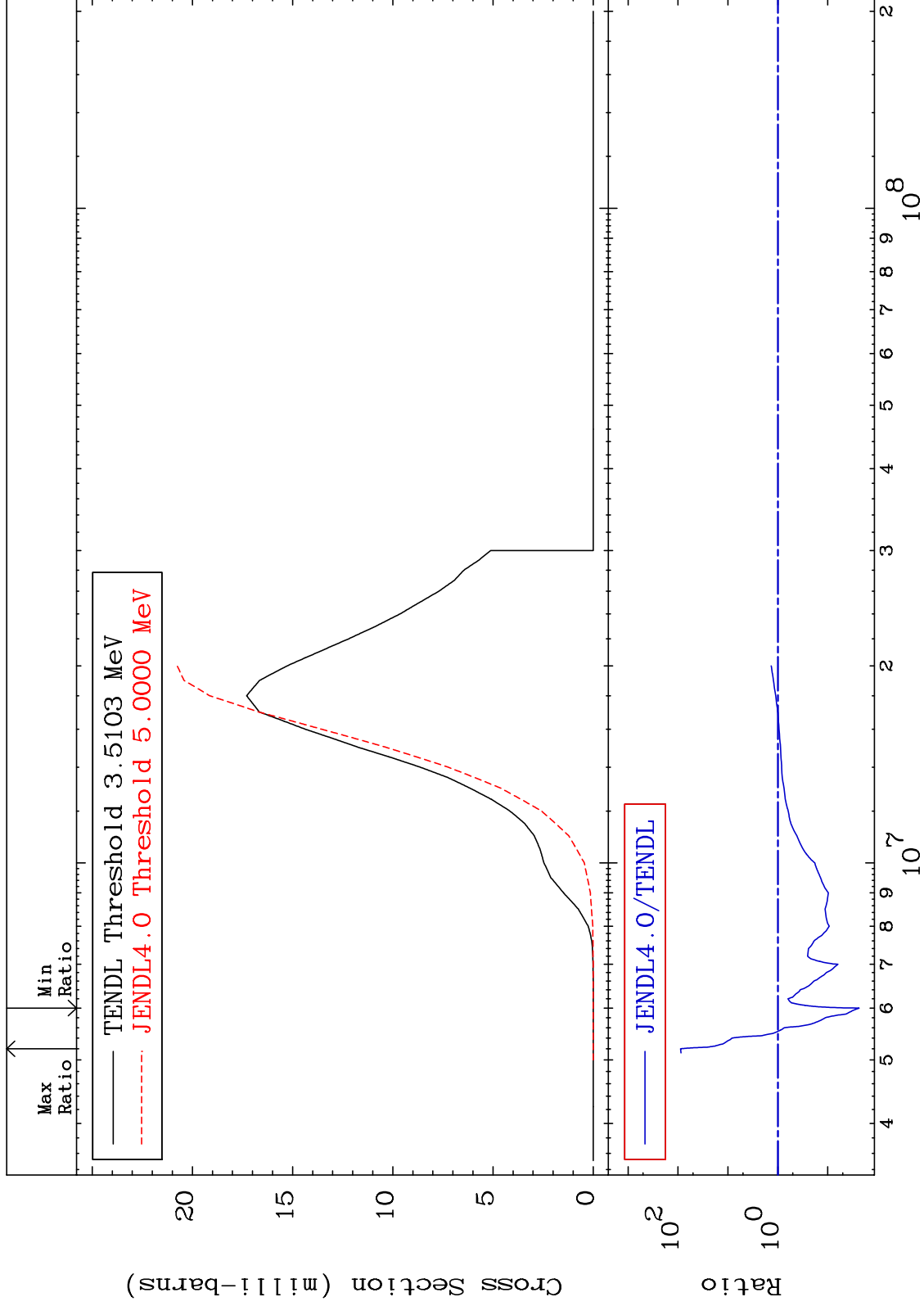
MAT 2237

(n, α)

22-Ti-50

Cross Section

-97.65 To 8755. %



25

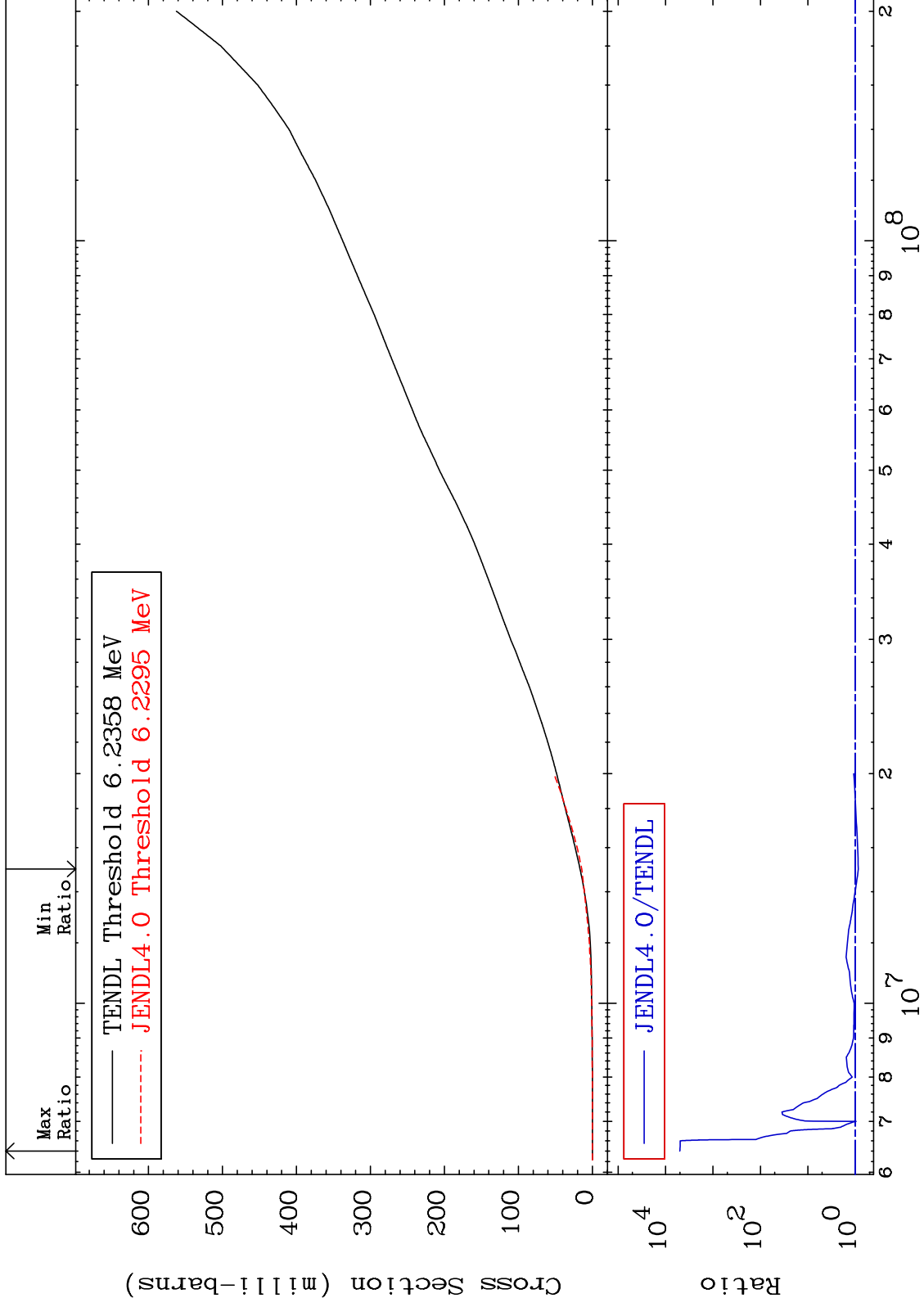
Incident Energy (eV)

22-Ti-50

MAT 2237

Hydrogen Production
Cross Section

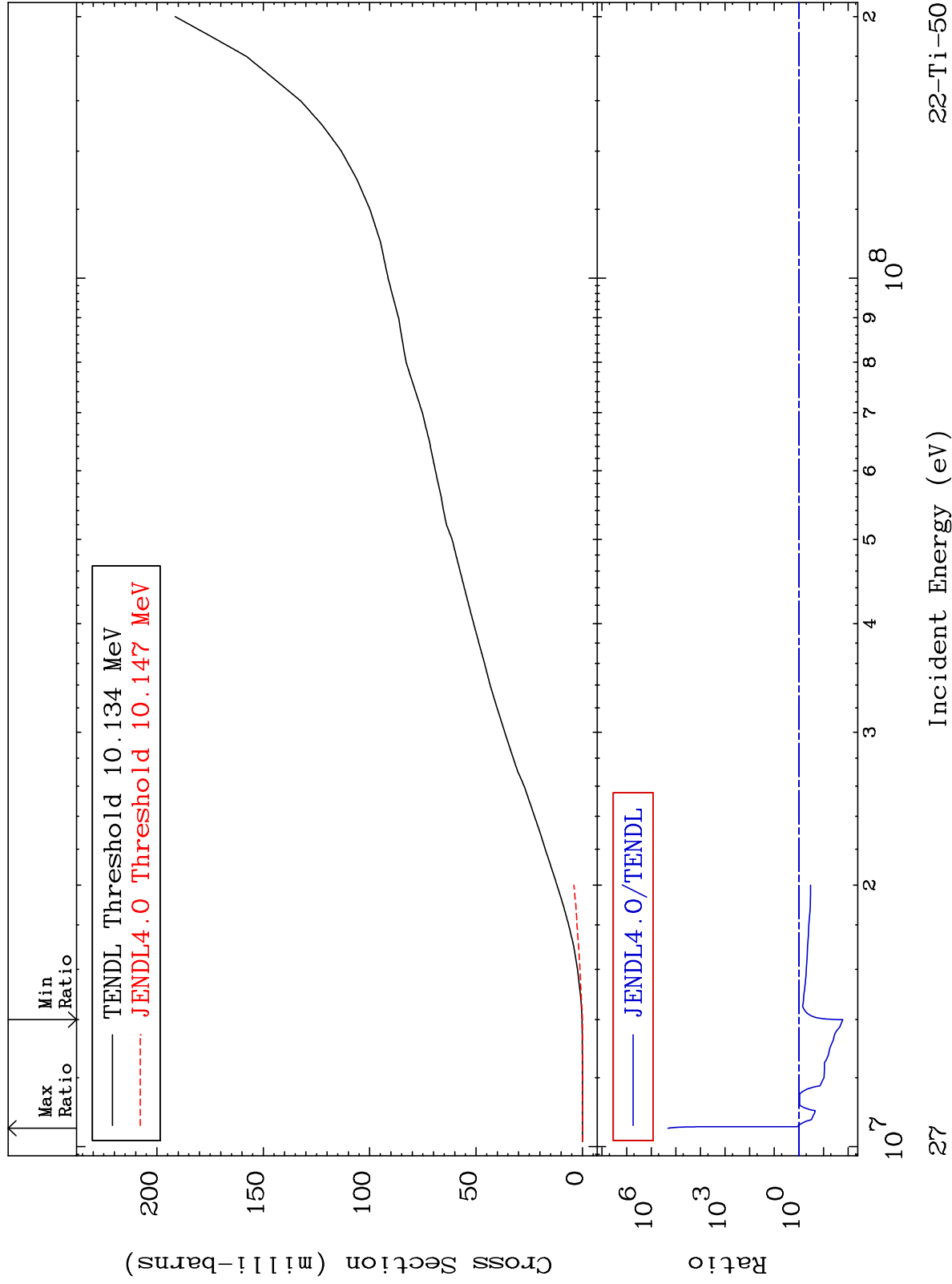
22-Ti-50
-13.77 To 9999. %



MAT 2237

Deuterium Production
Cross Section

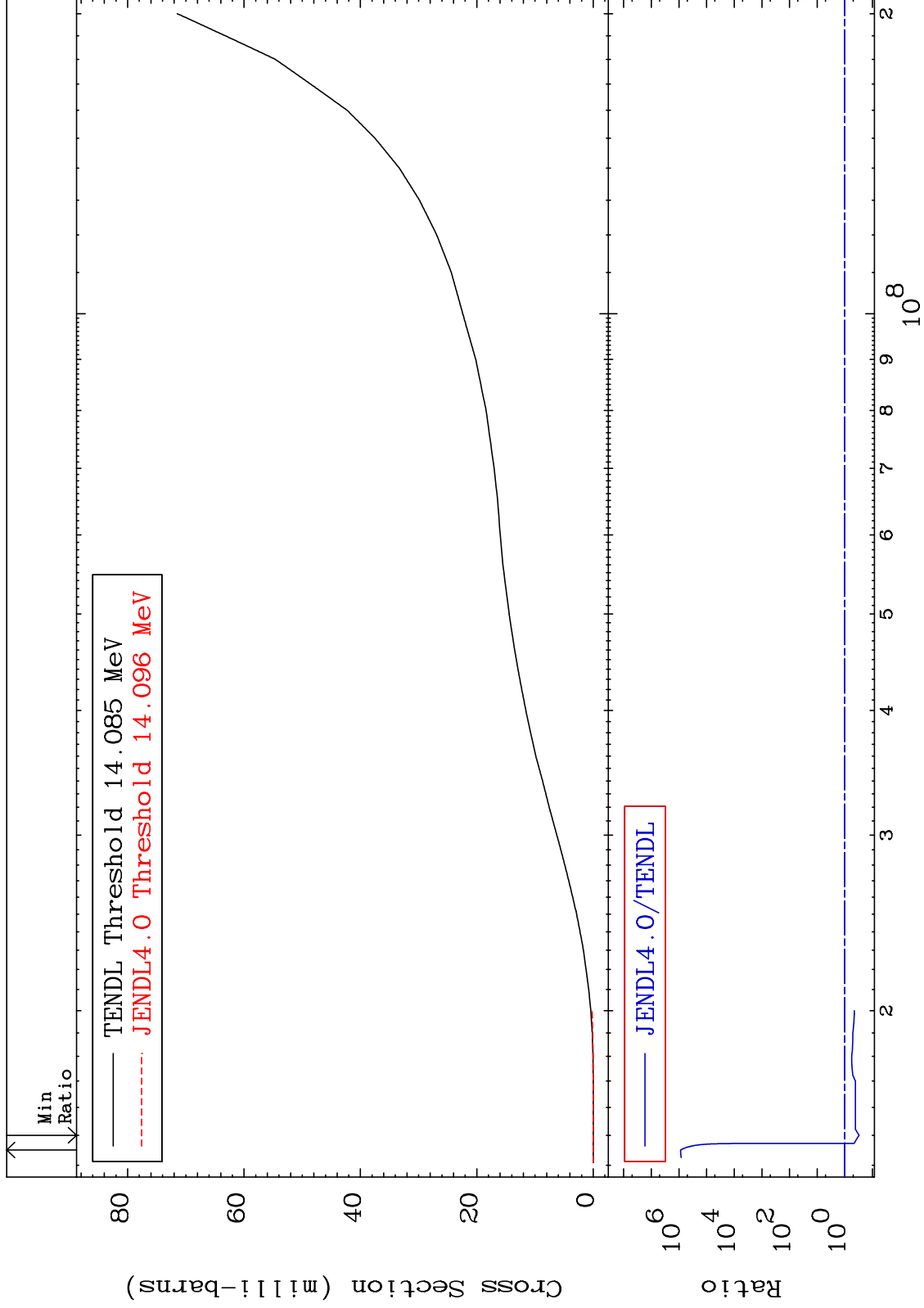
22-Ti-50
-98.36 To 9999. %



MAT 2237

Tritium Production
Cross Section

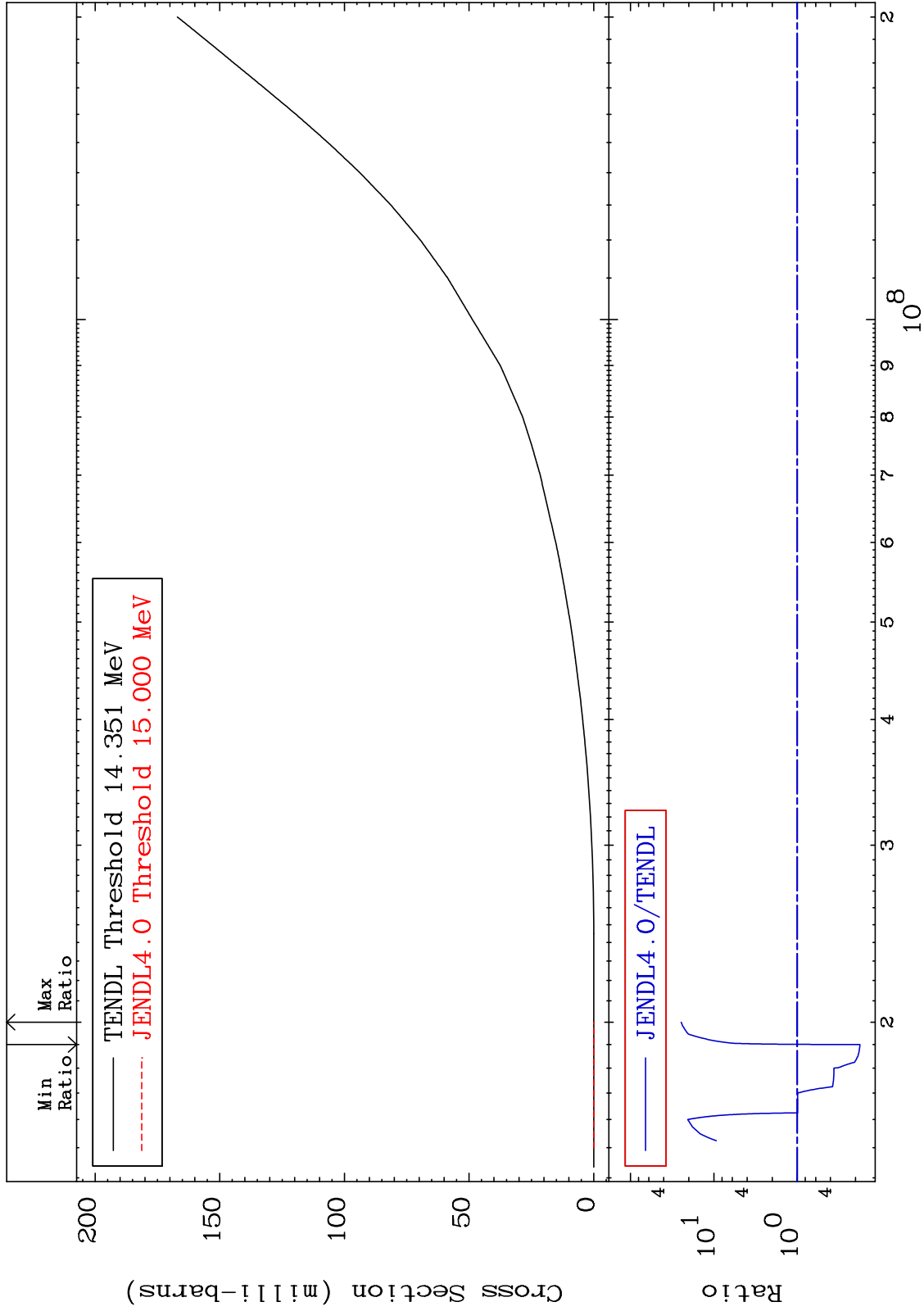
22-Ti-50
-69.77 To 9999. %



MAT 2237

He-3 Production
Cross Section

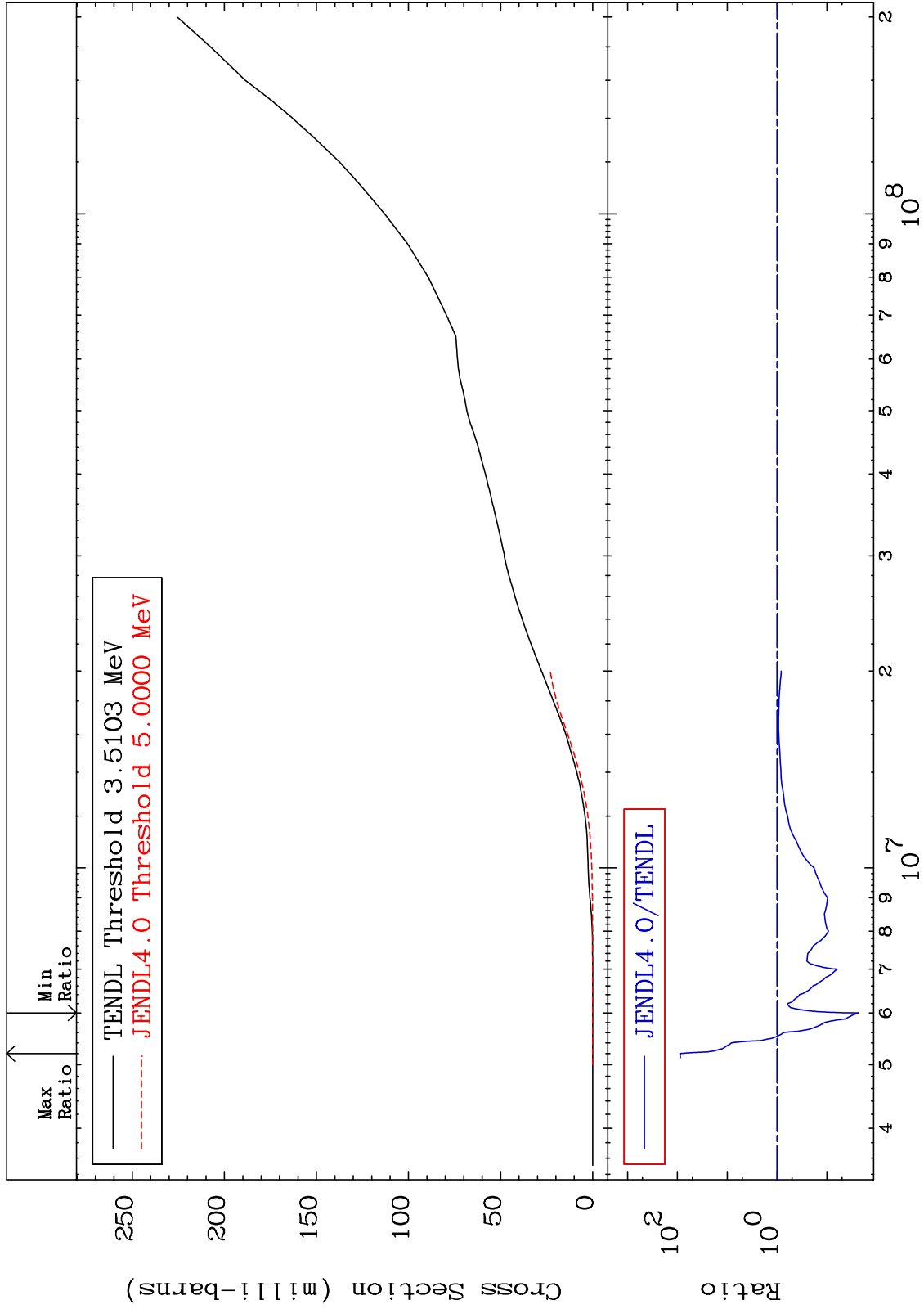
22-Ti-50
-82.25 To 2359. %



MAT 2237

He-4 Production
Cross Section

22-Ti-50
-97.65 To 8755. %



30

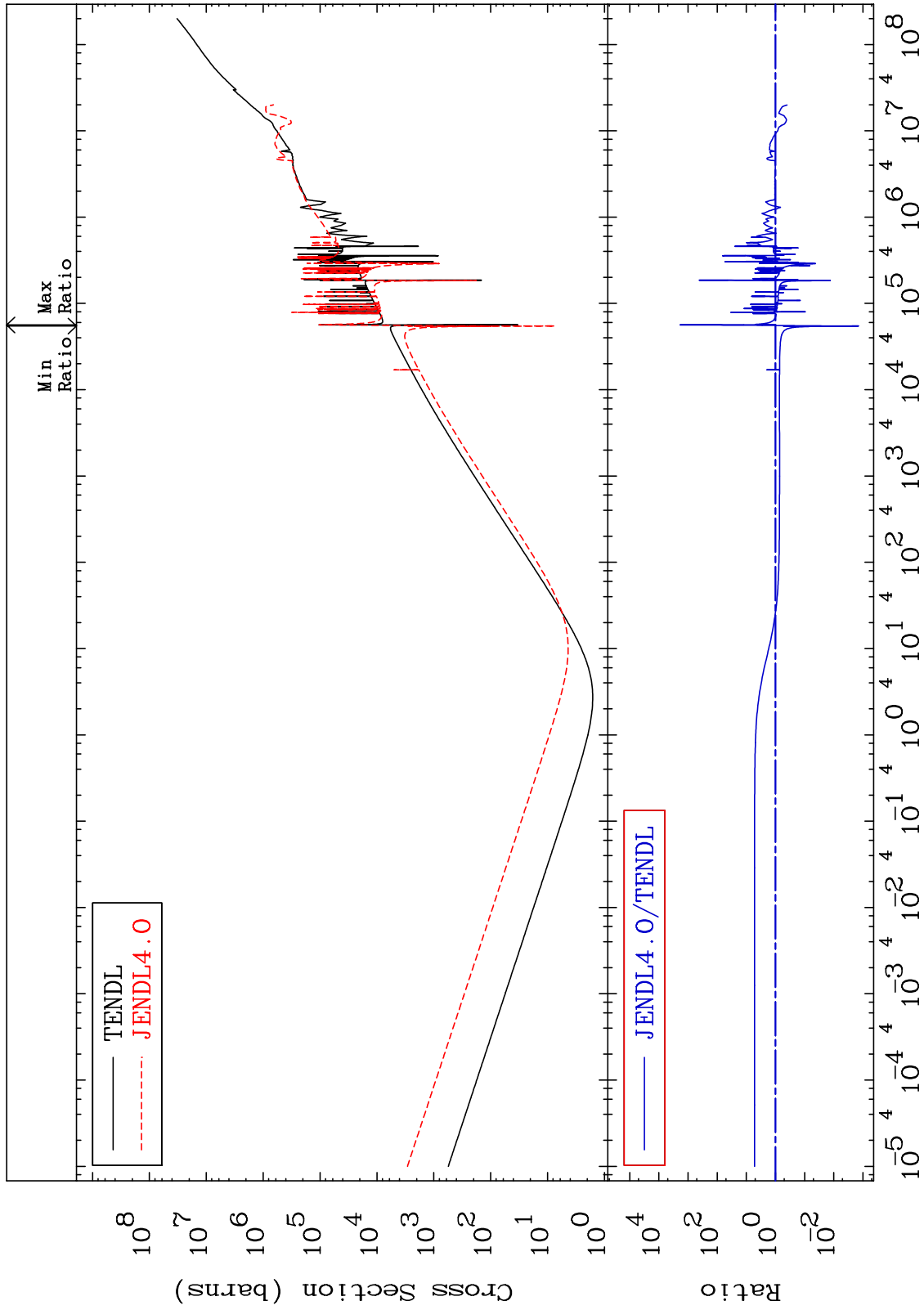
Incident Energy (eV)

22-Ti-50

MAT 2237

Kerma total (eV-barns)
Cross Section

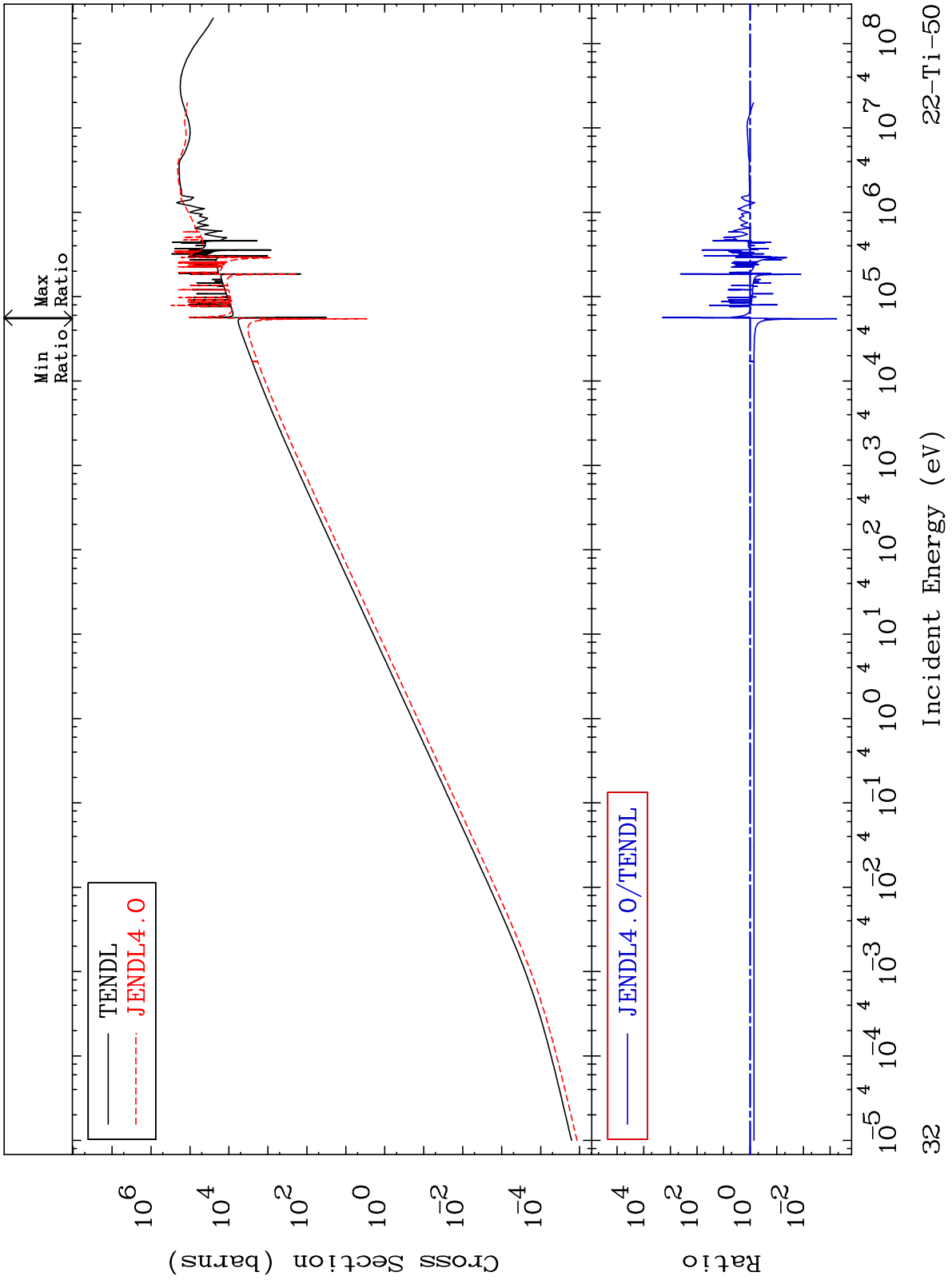
22-Ti-50
-99.86 To 9999. %



MAT 2237

Kerma elastic
Cross Section

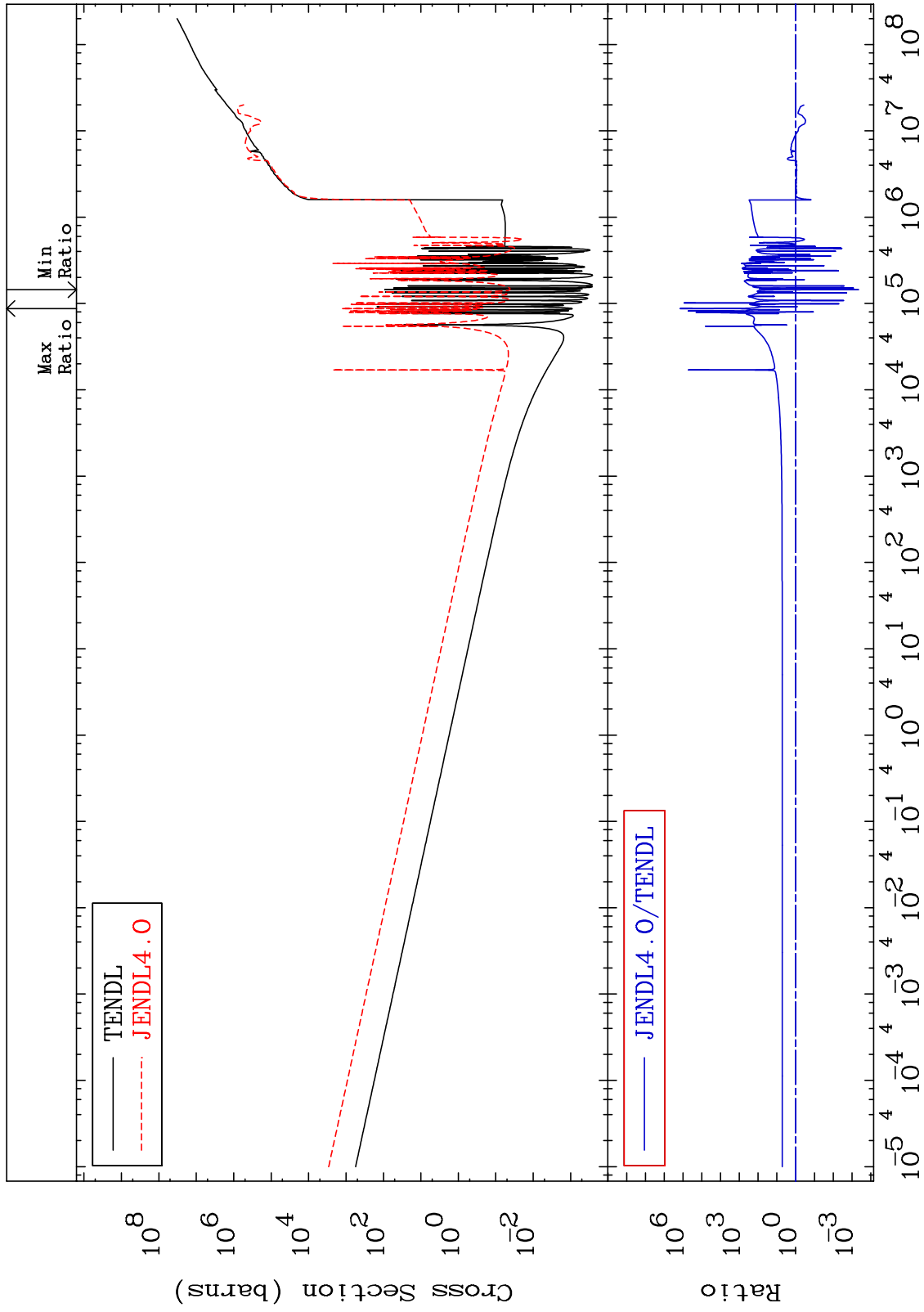
22-Ti-50
-99.94 To 9999. %



MAT 2237

Kerma non-elastic (all but mt2)
Cross Section

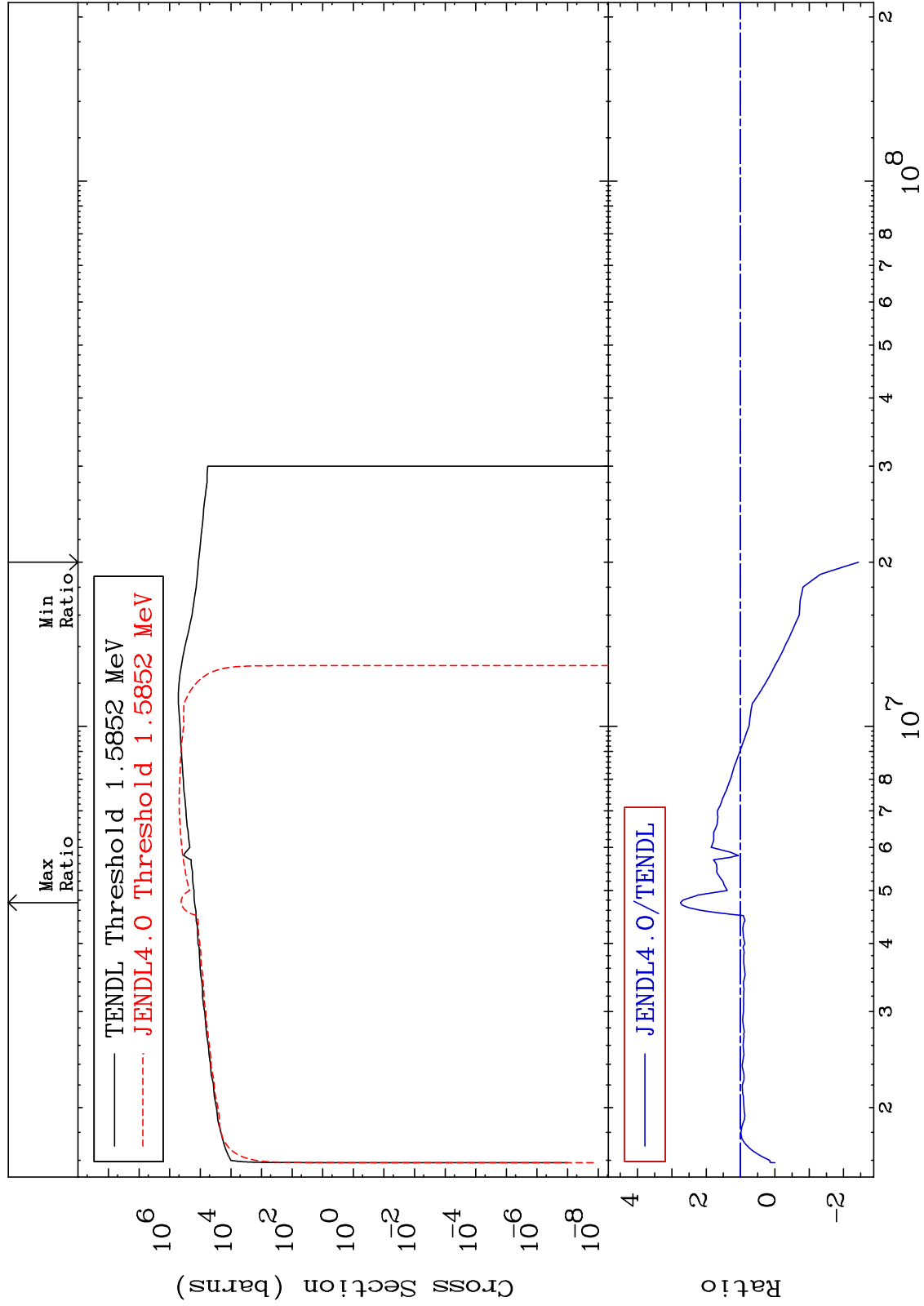
22-Ti-50
-99.95 To 9999. %



33

Incident Energy (eV)

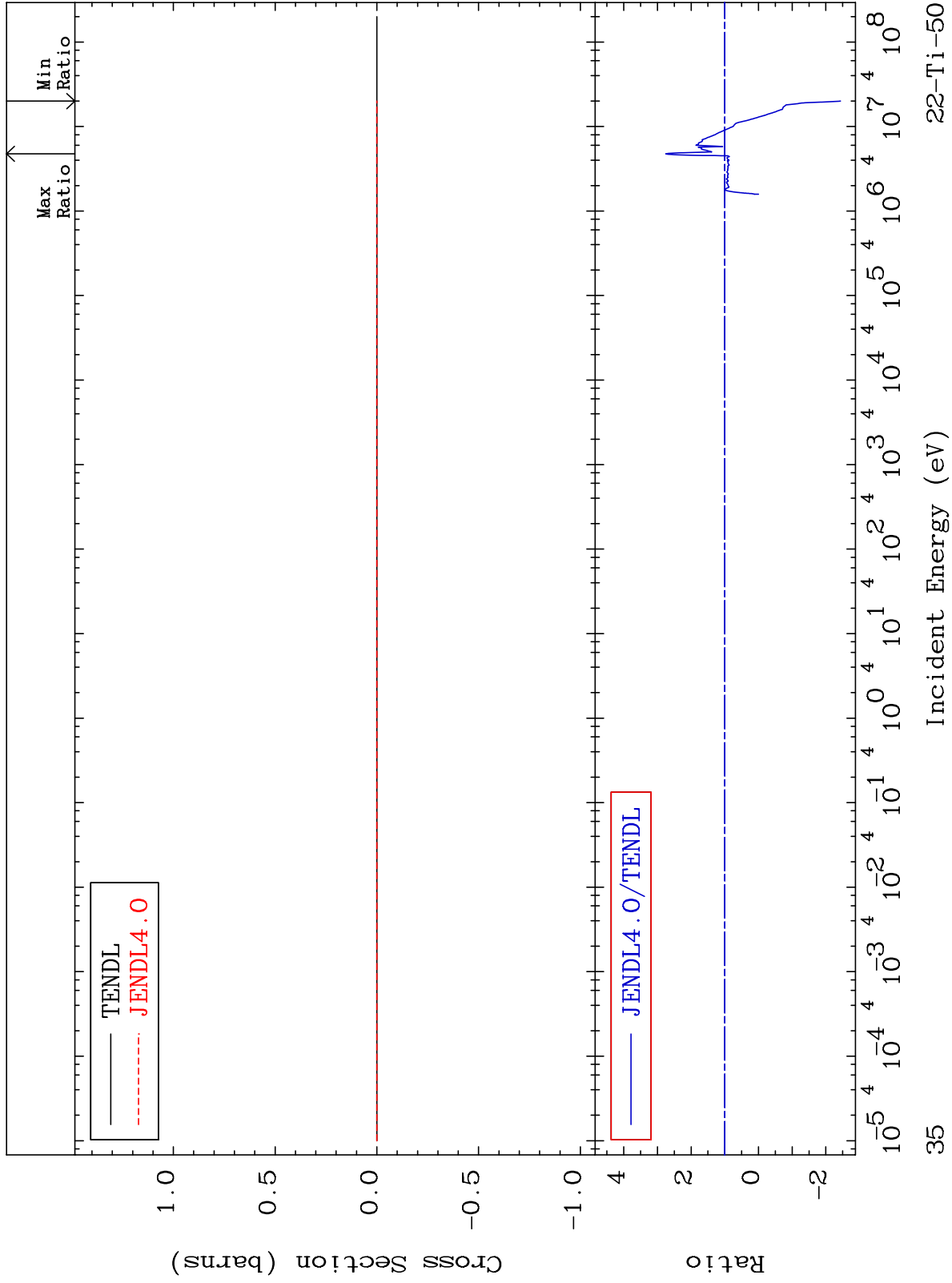
22-Ti-50



MAT 2237

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

22-Ti-50
-343.7 To 175.0 %



35

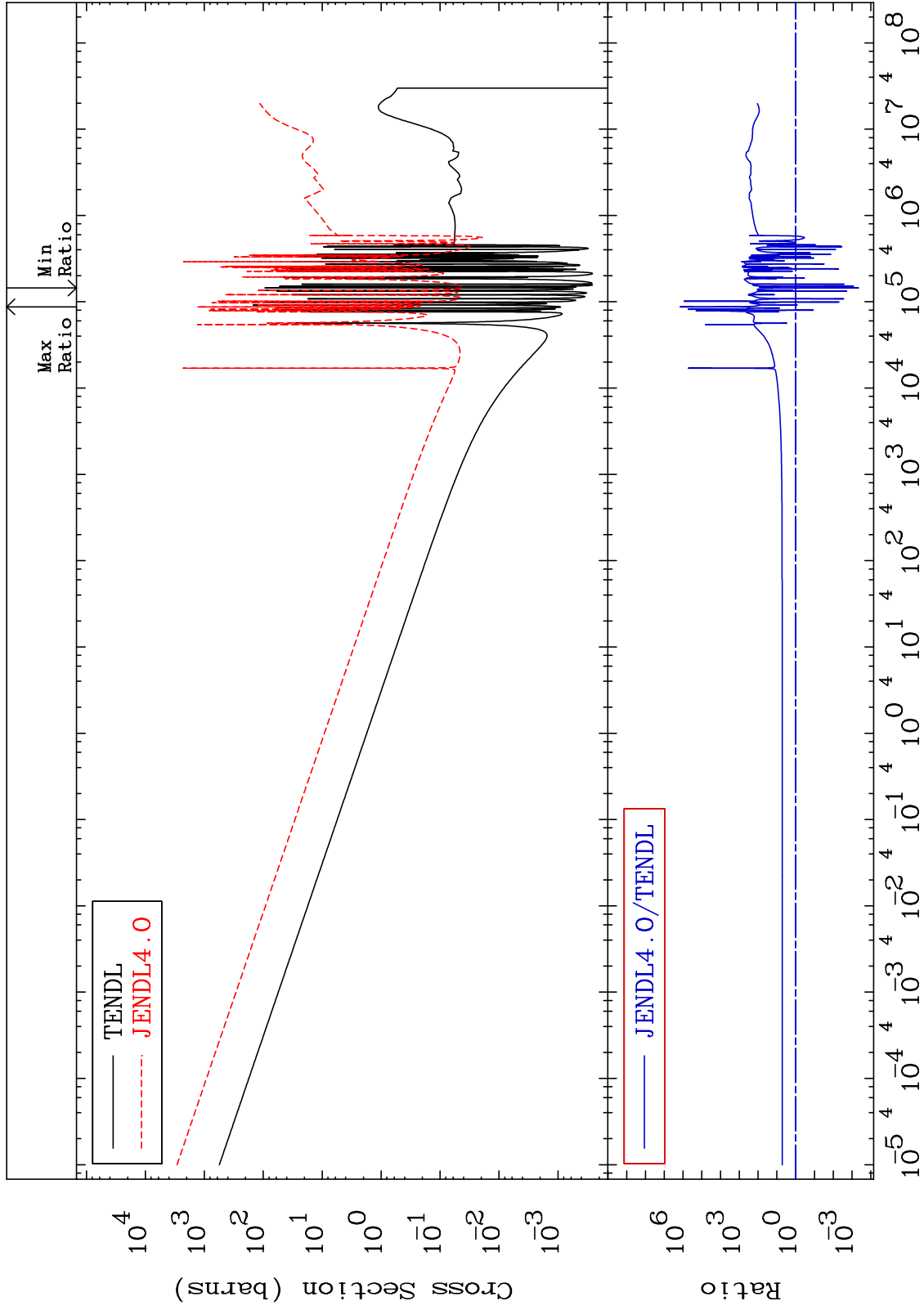
Incident Energy (eV)

22-Ti-50

MAT 2237

Kerma capture (mt102)
Cross Section

22-Ti-50
-99.95 To 9999. %



36

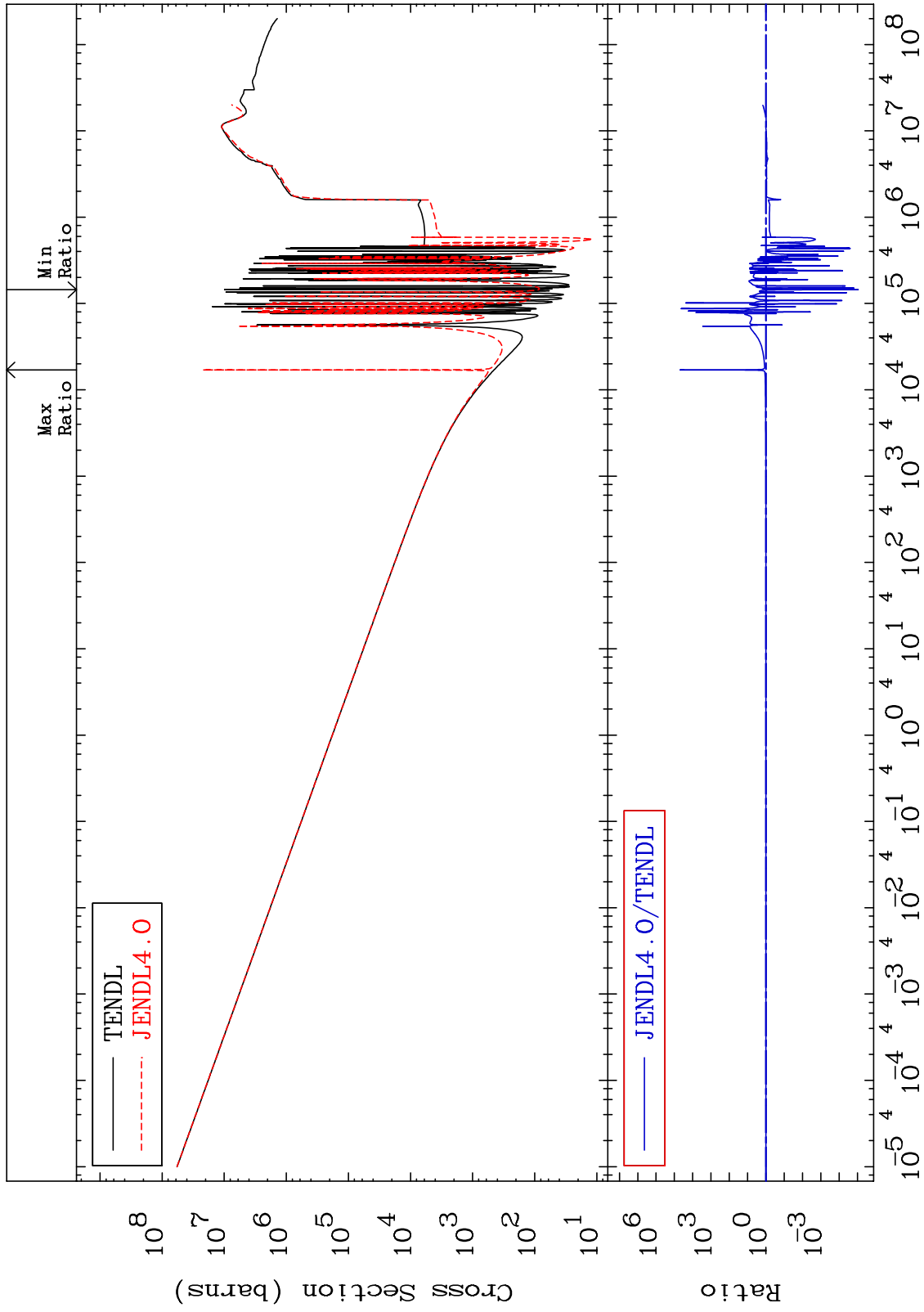
Incident Energy (eV)

22-Ti-50

MAT 2237

Total photon (eV-barns)
Cross Section

22-Ti-50
-100.0 To 9999. %



37

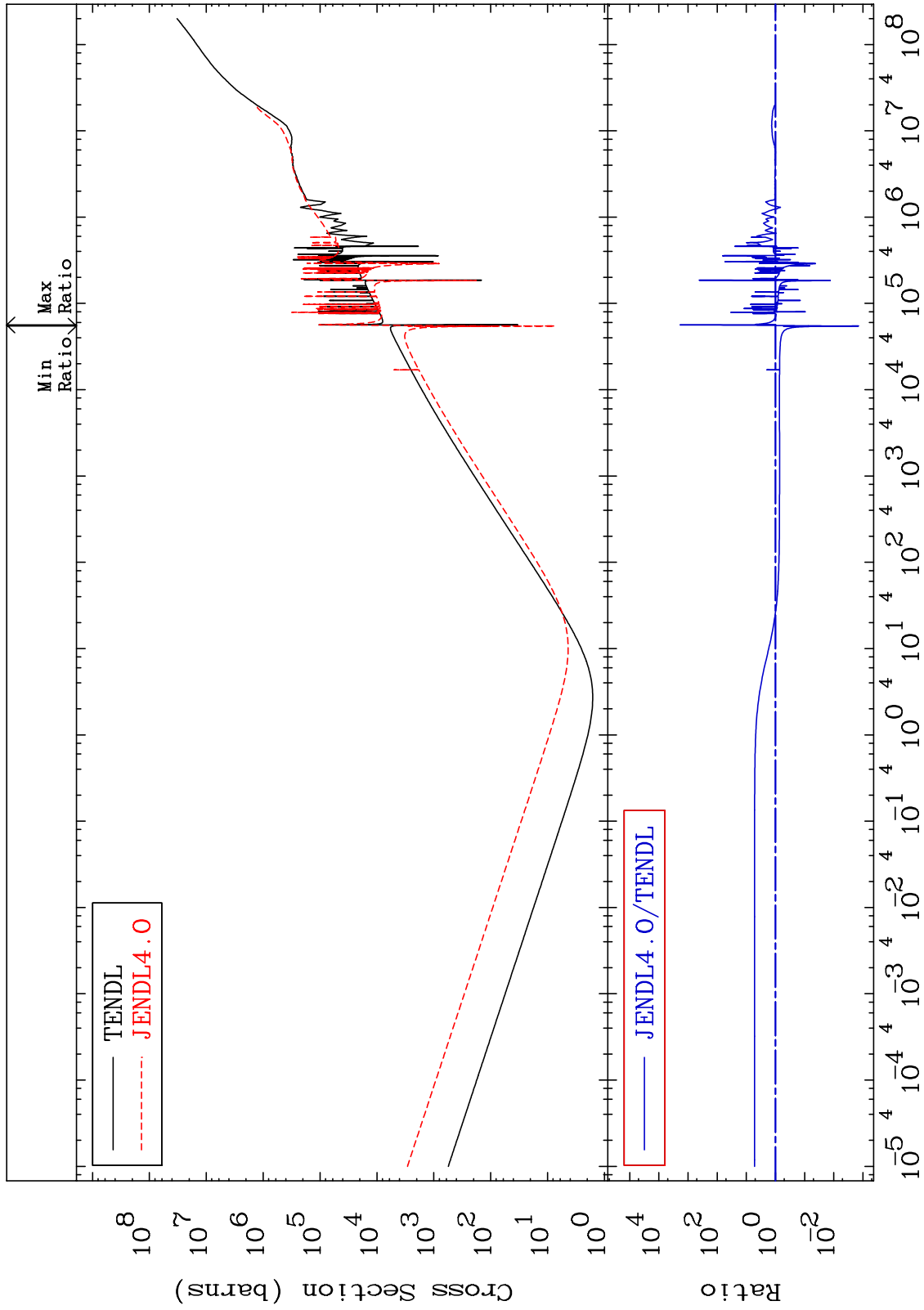
Incident Energy (eV)

22-Ti-50

MAT 2237

Total kinematic kerma (high limit)
Cross Section

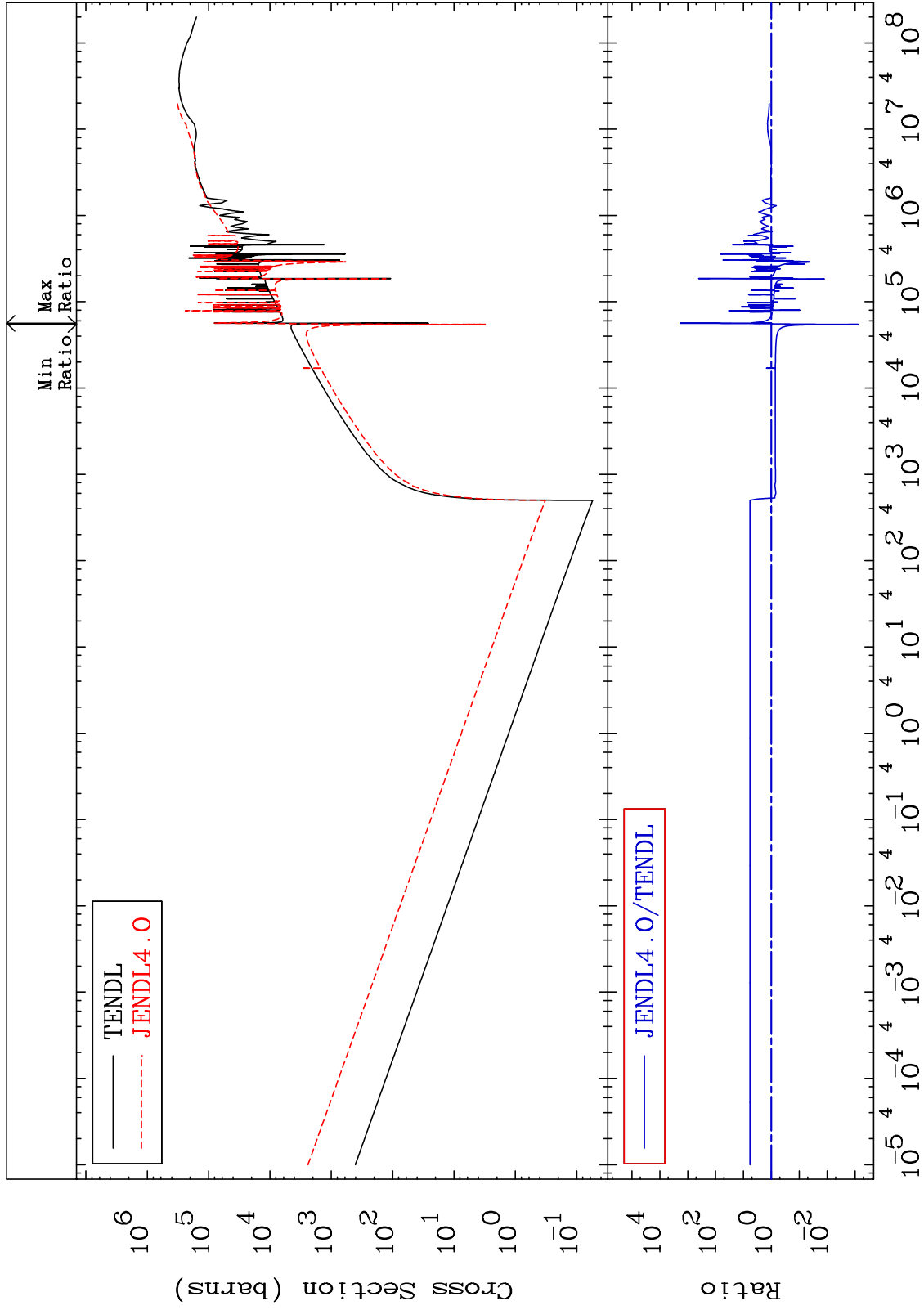
22-Ti-50
-99.86 To 9999. %



MAT 2237

Dpa total (eV-barns)
Cross Section

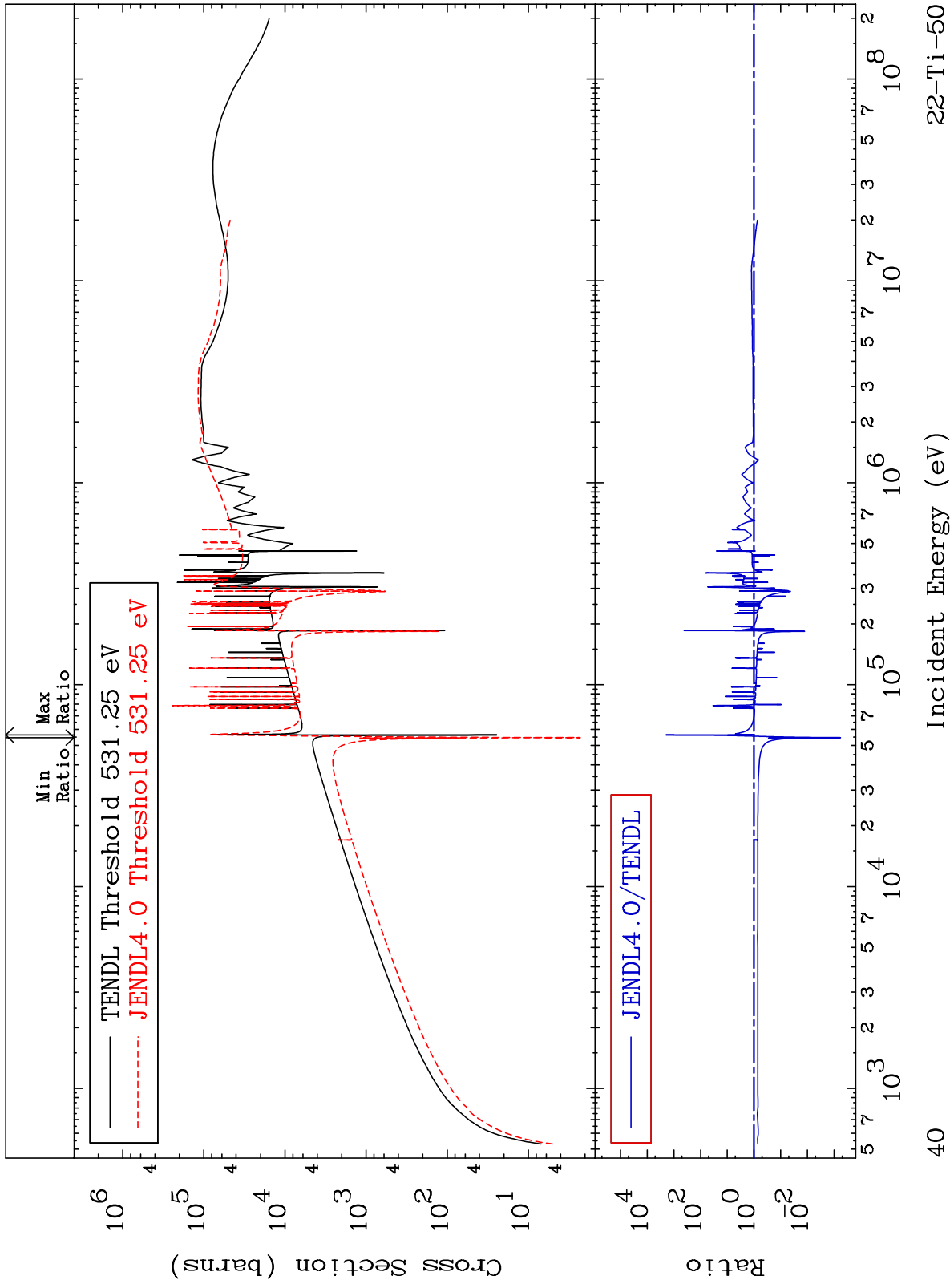
22-Ti-50
-99.92 To 9999. %



MAT 2237

Dpa elastic (mt2)
Cross Section

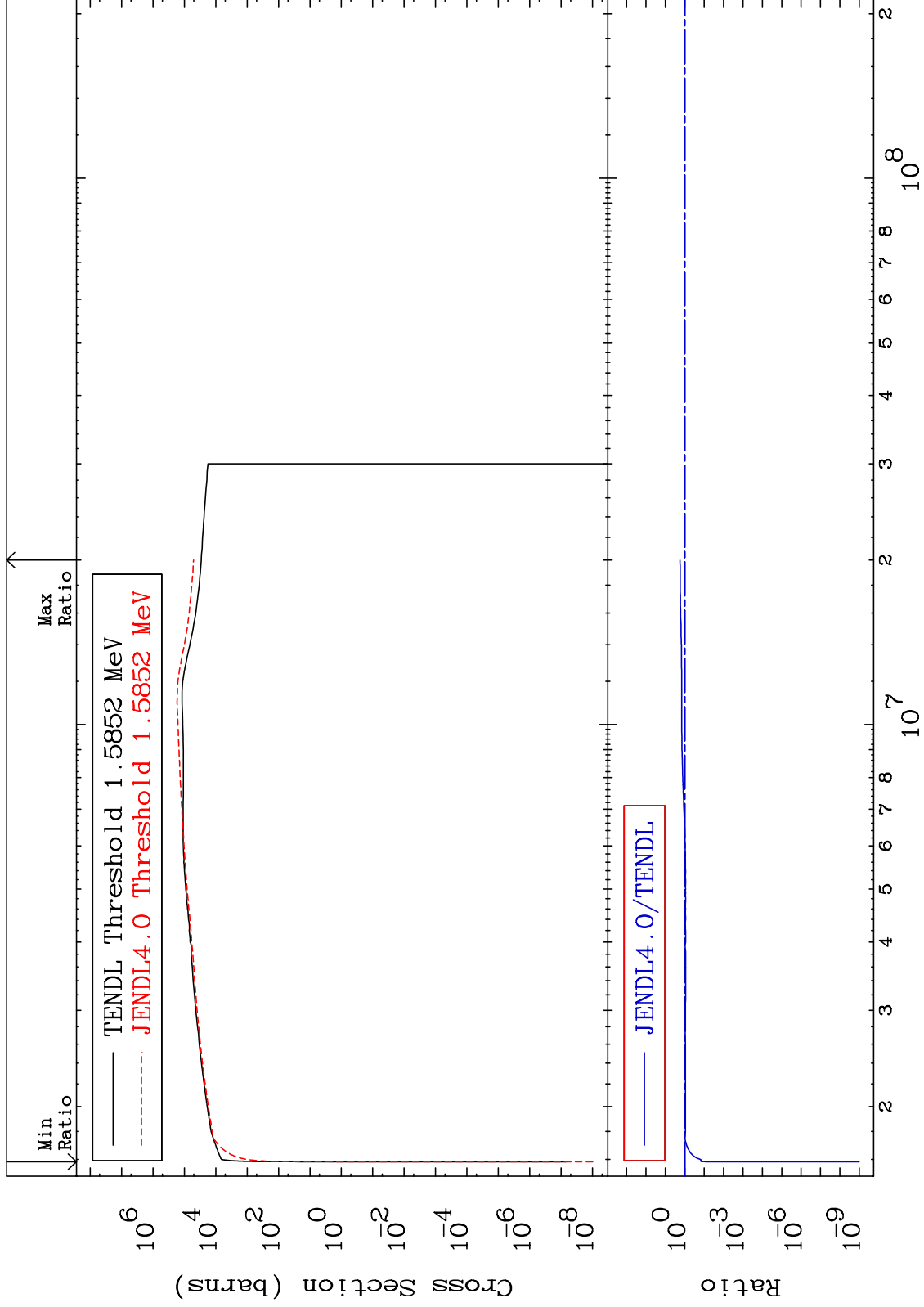
22-Ti-50
-99.94 To 9999. %



MAT 2237

Dpa inelastic (mt51-91)
Cross Section

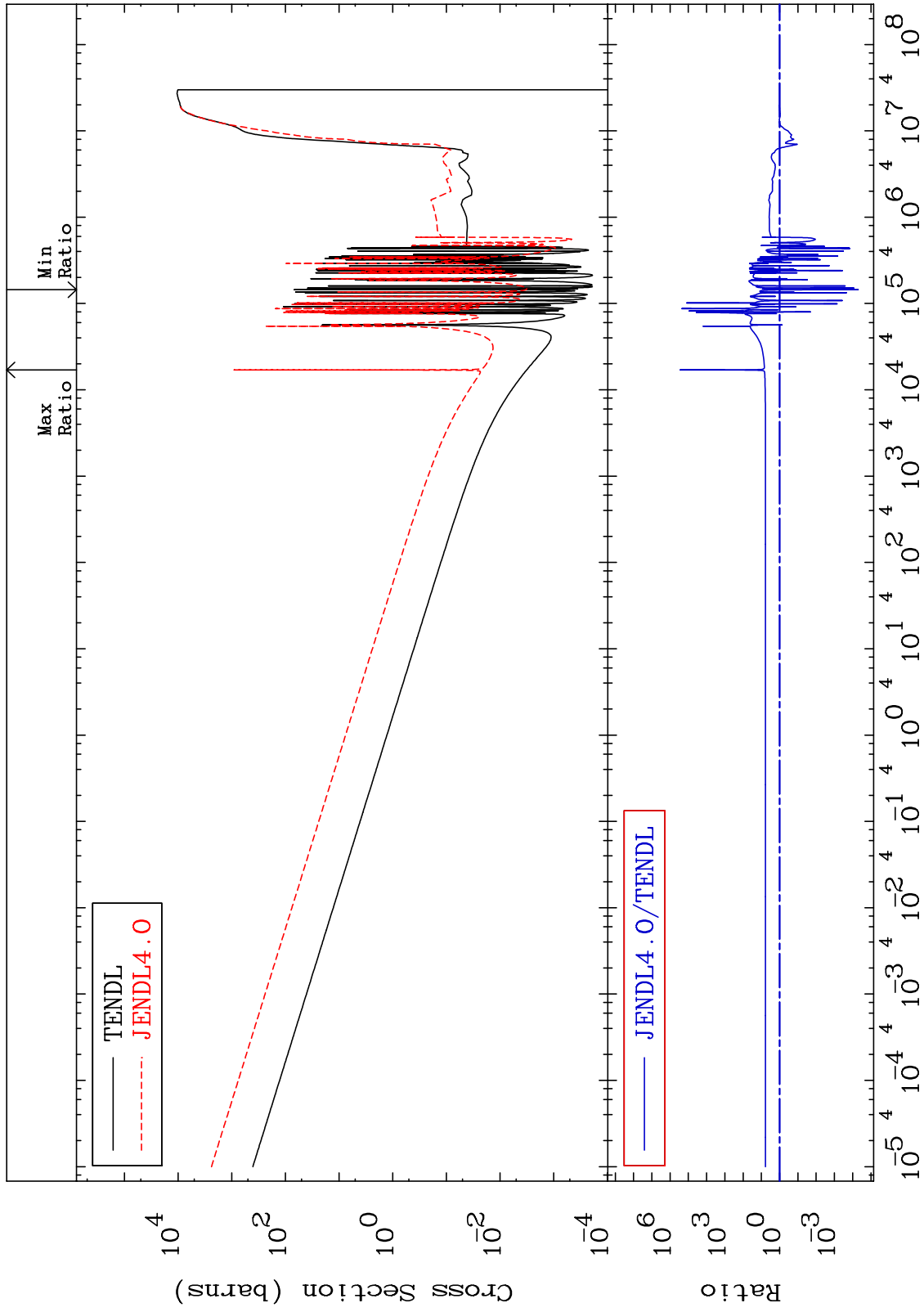
22-Ti-50
-100.0 To 74.26 %



MAT 2237

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-50
-100.0 To 9999. %



42

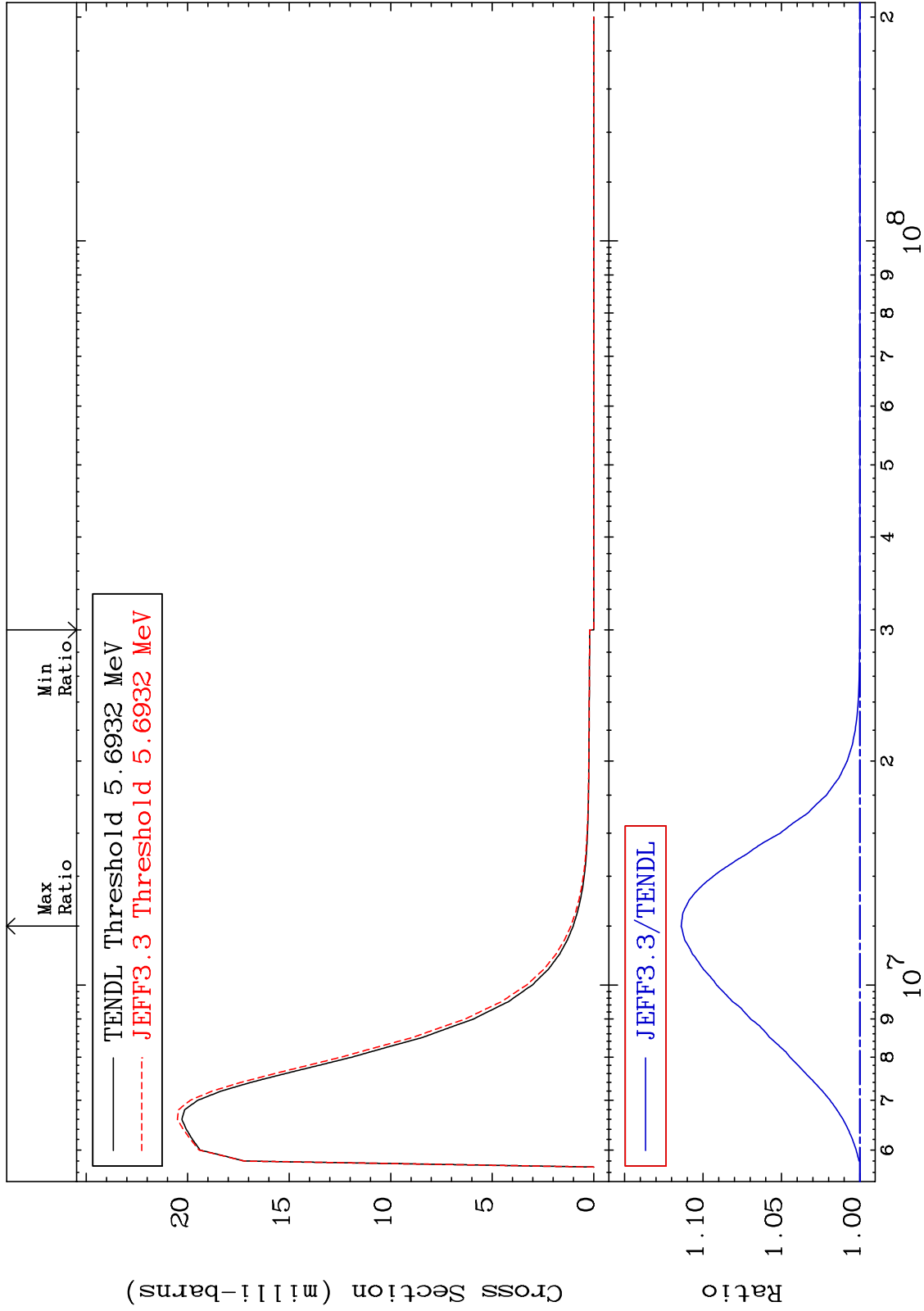
Incident Energy (eV)

22-Ti-50

MAT 2237

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

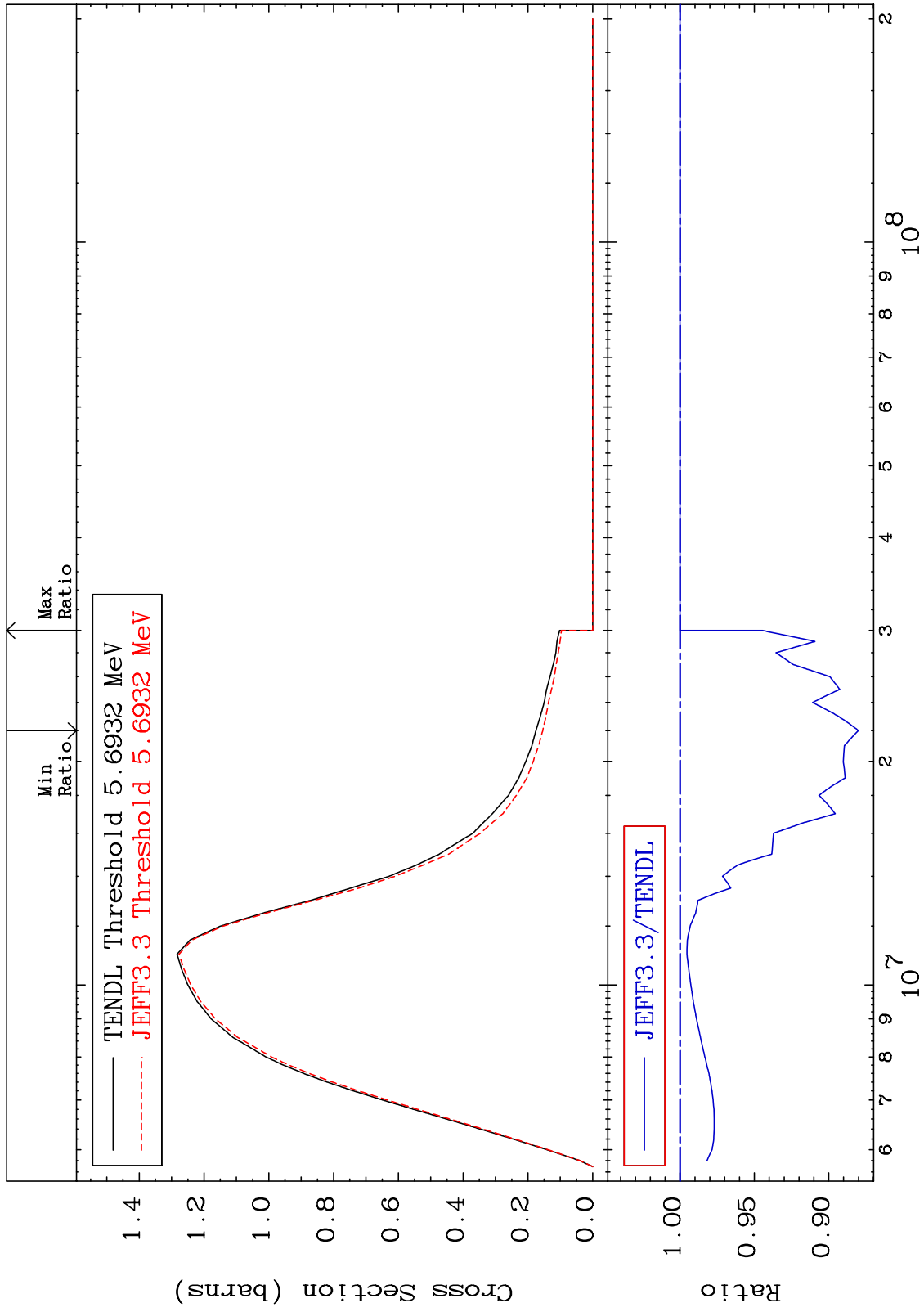
22-Ti-50
0.000 To 11.39 %



MAT 2237

(n, n') Continuum
Cross Section

22-Ti-50
-11.99 To 0.000 %



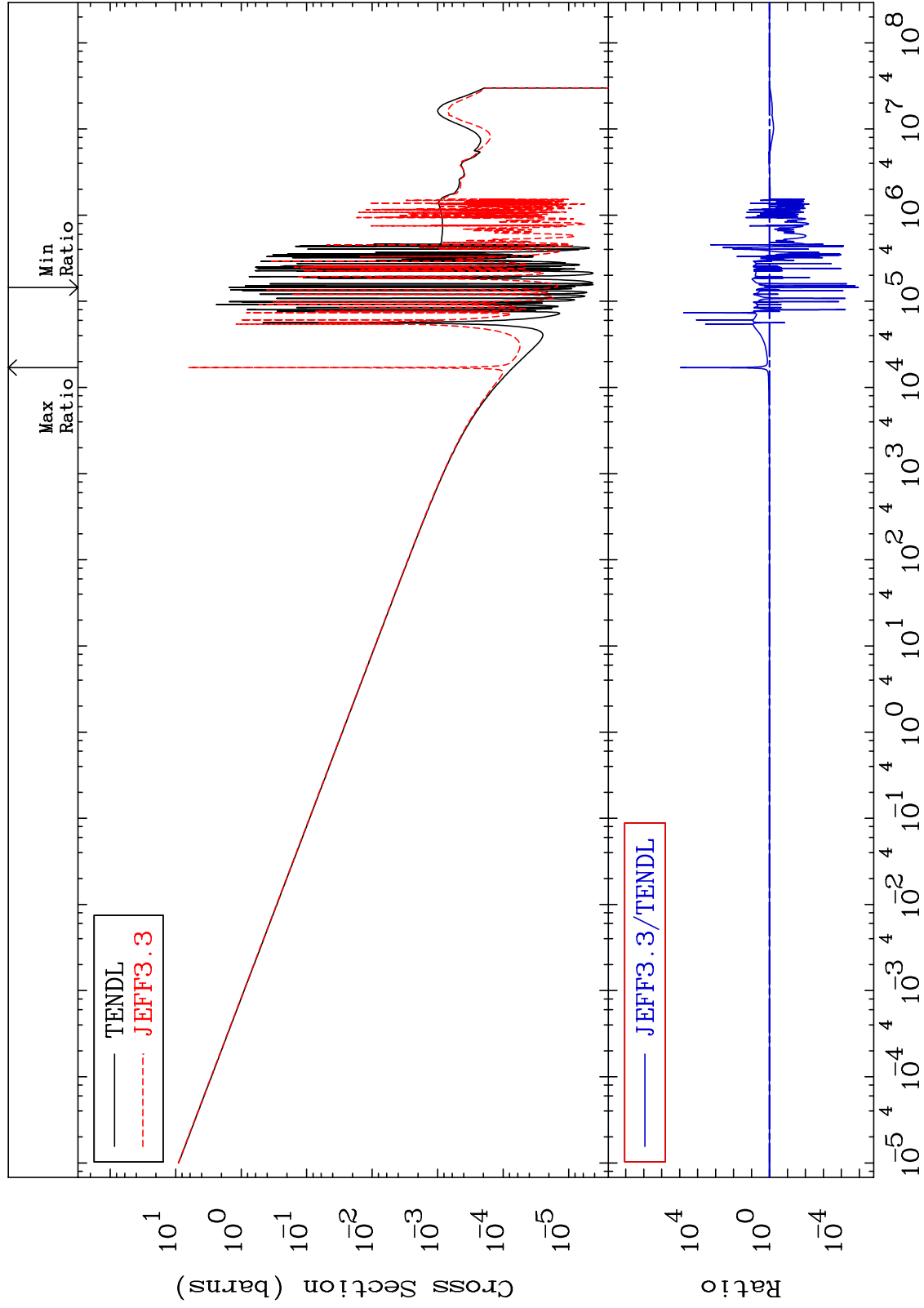
MAT 2237

(n, γ)

22-Ti-50

Cross Section

-100.0 To 9999. %



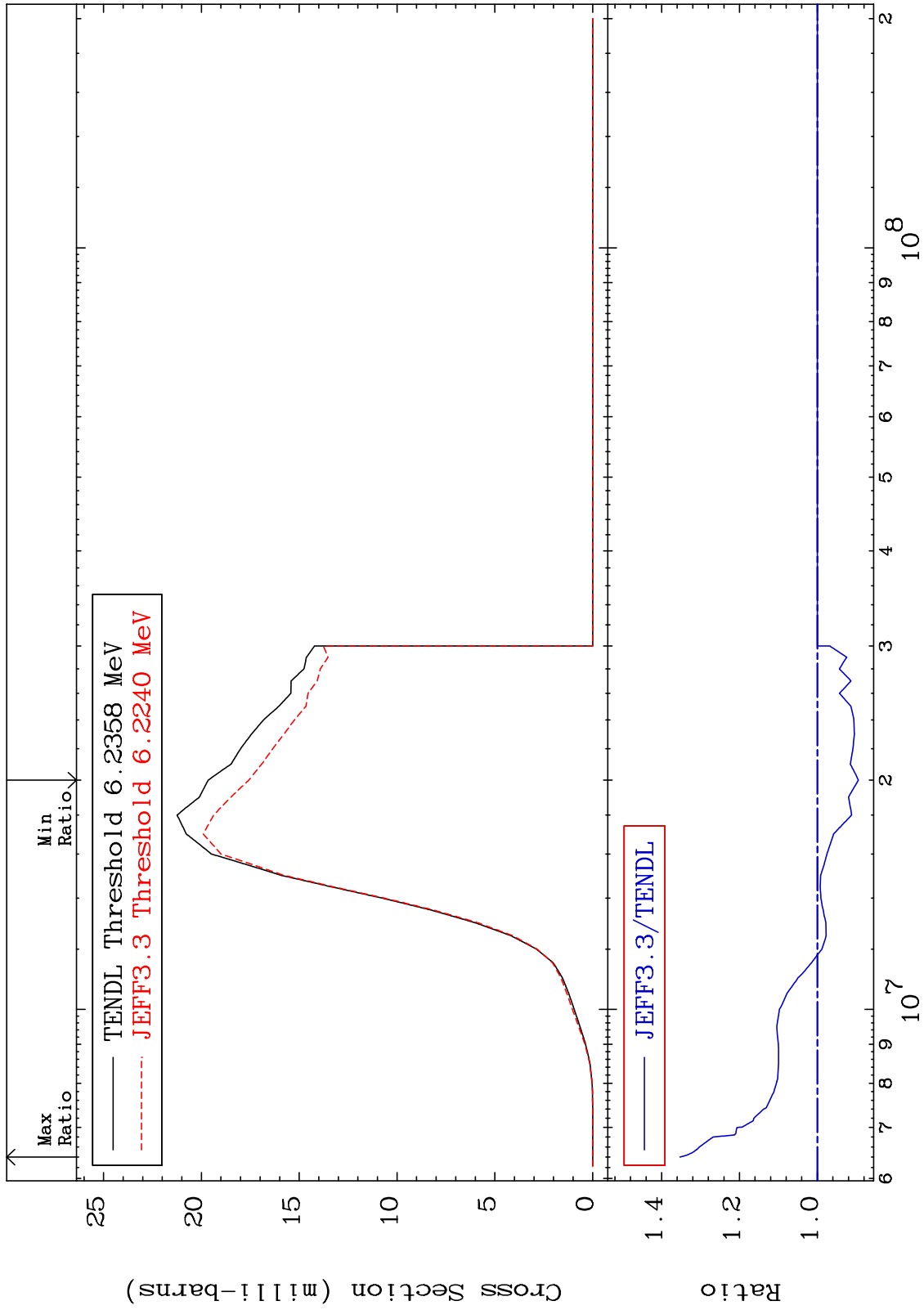
MAT 2237

(n,p)

22-Ti-50

Cross Section

-10.56 To 35.28 %



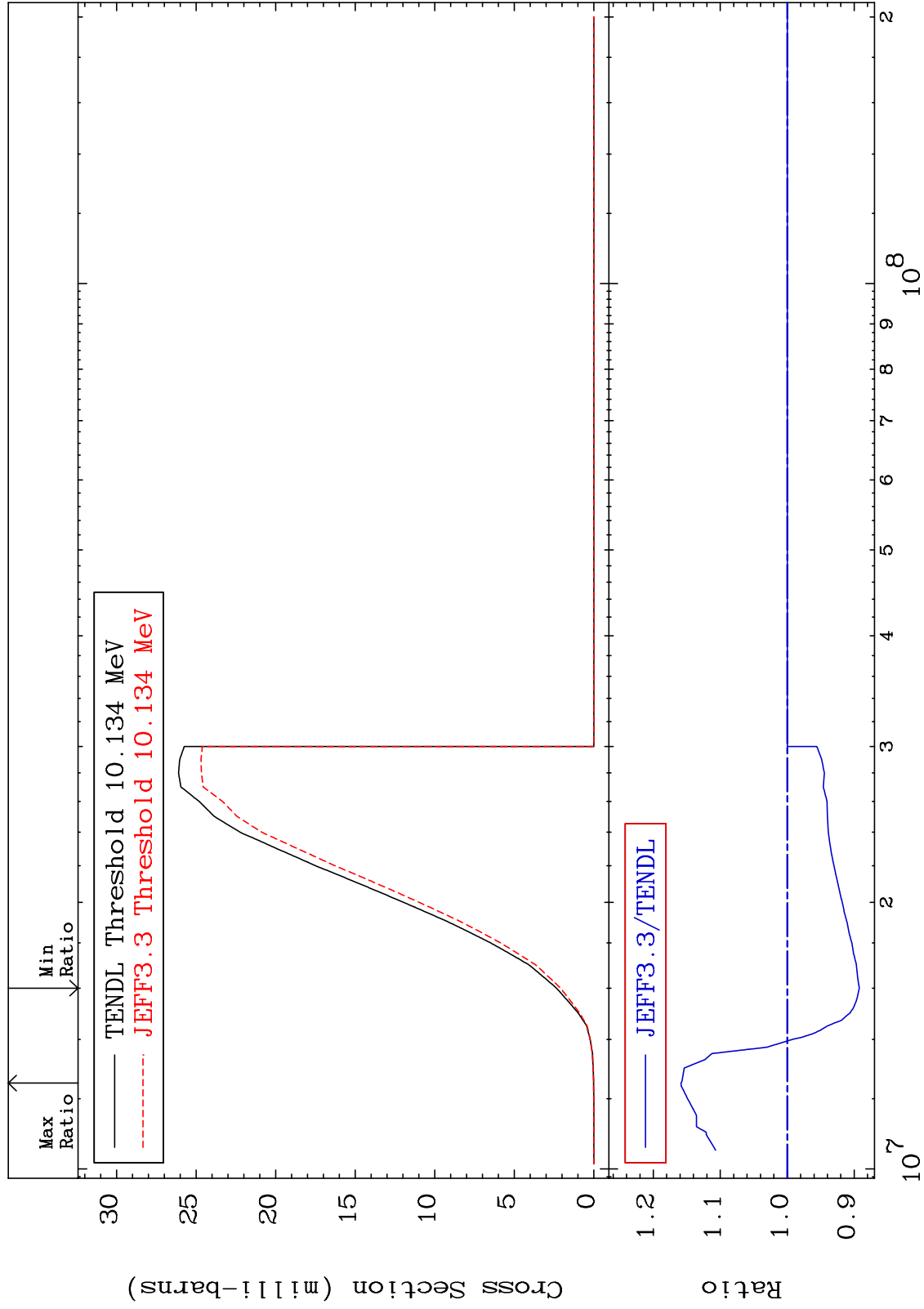
MAT 2237

(n,d)

22-Ti-50

Cross Section

-10.76 To 15.86 %



47

Incident Energy (eV)

22-Ti-50

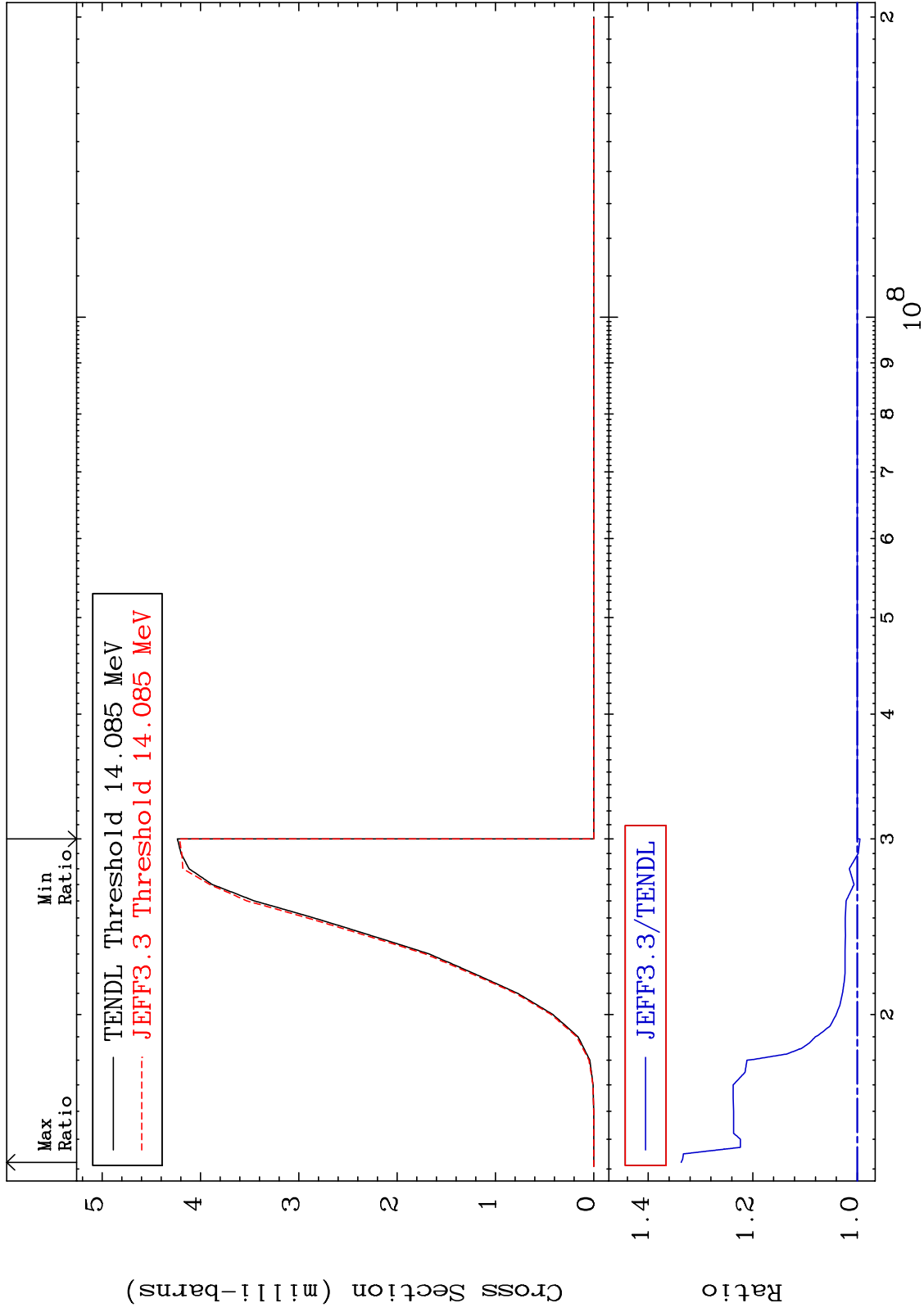
MAT 2237

(n, t)

22-Ti-50

Cross Section

-0.512 To 33.69 %



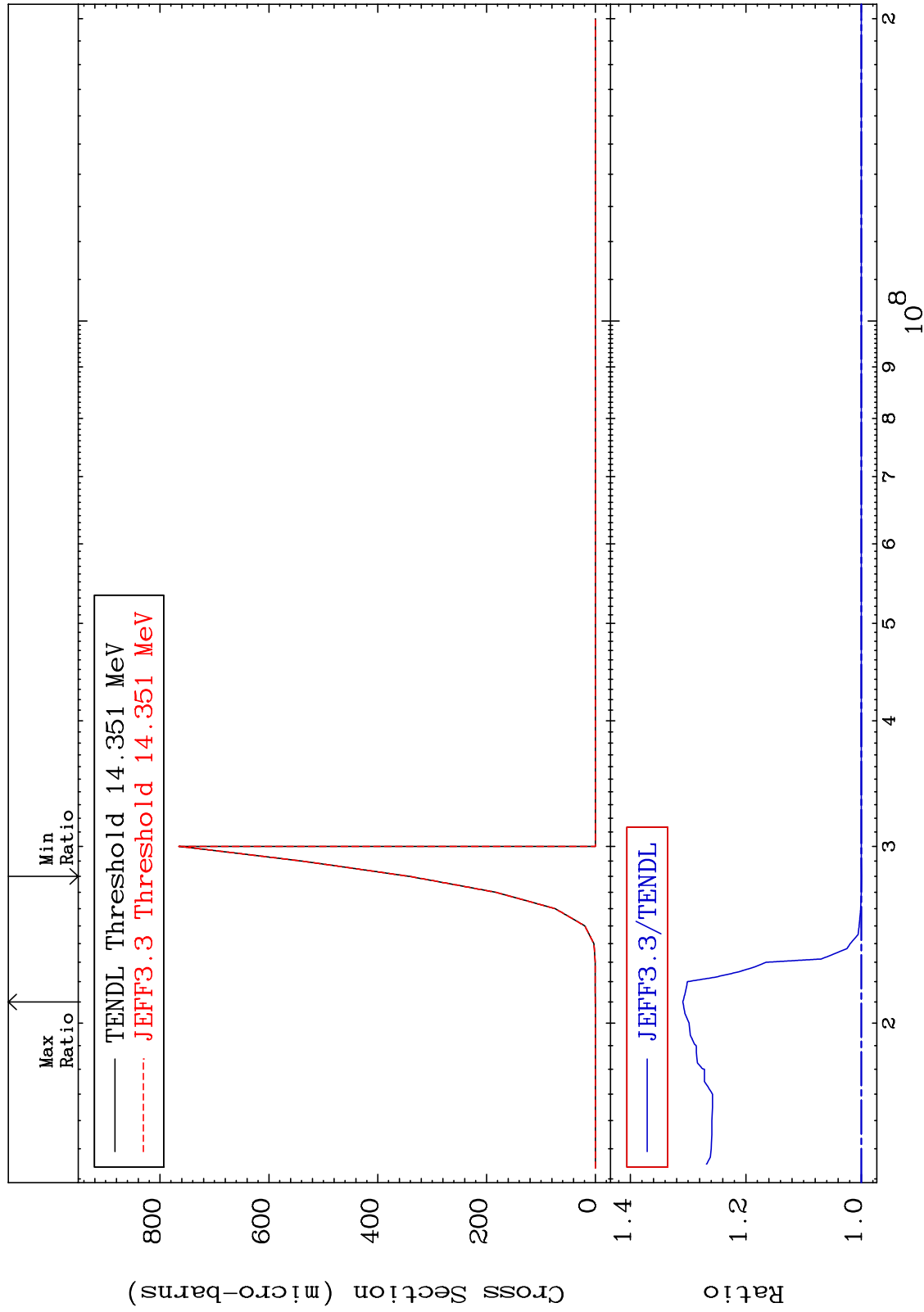
MAT 2237

(n, He-3)

22-Ti-50

Cross Section

-0.043 To 30.91 %



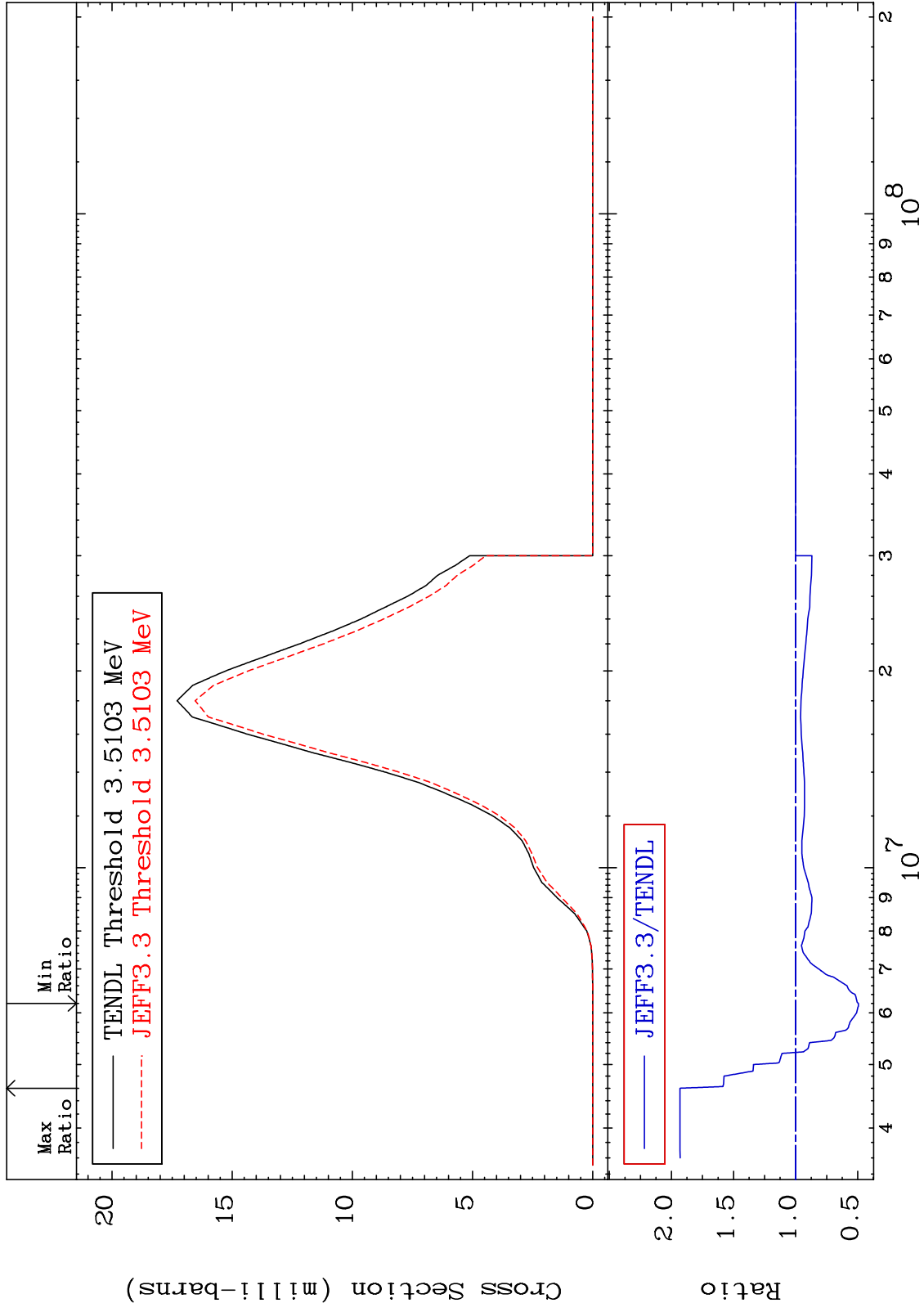
MAT 2237

(n, α)

22-Ti-50

Cross Section

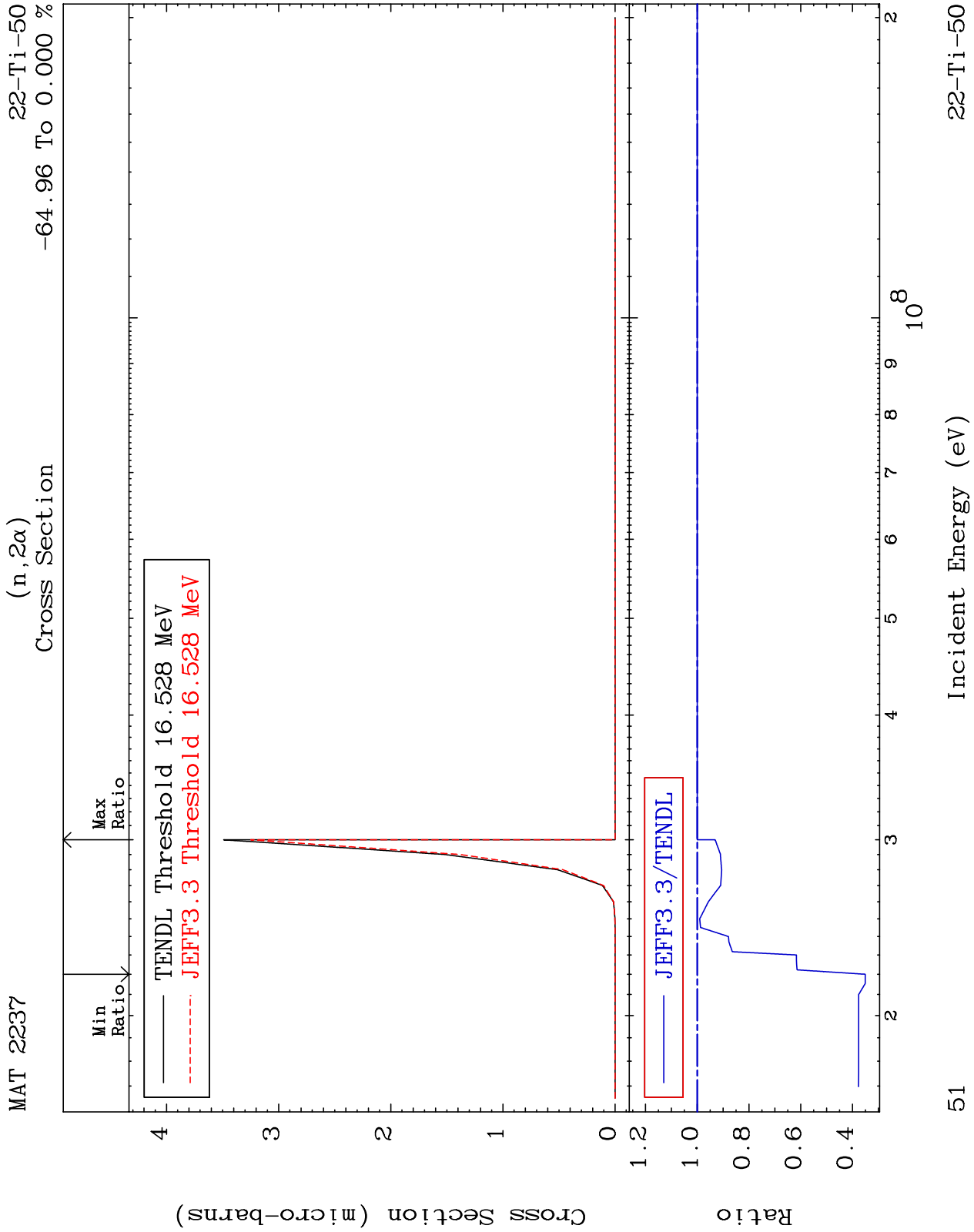
-50.55 To 93.11 %

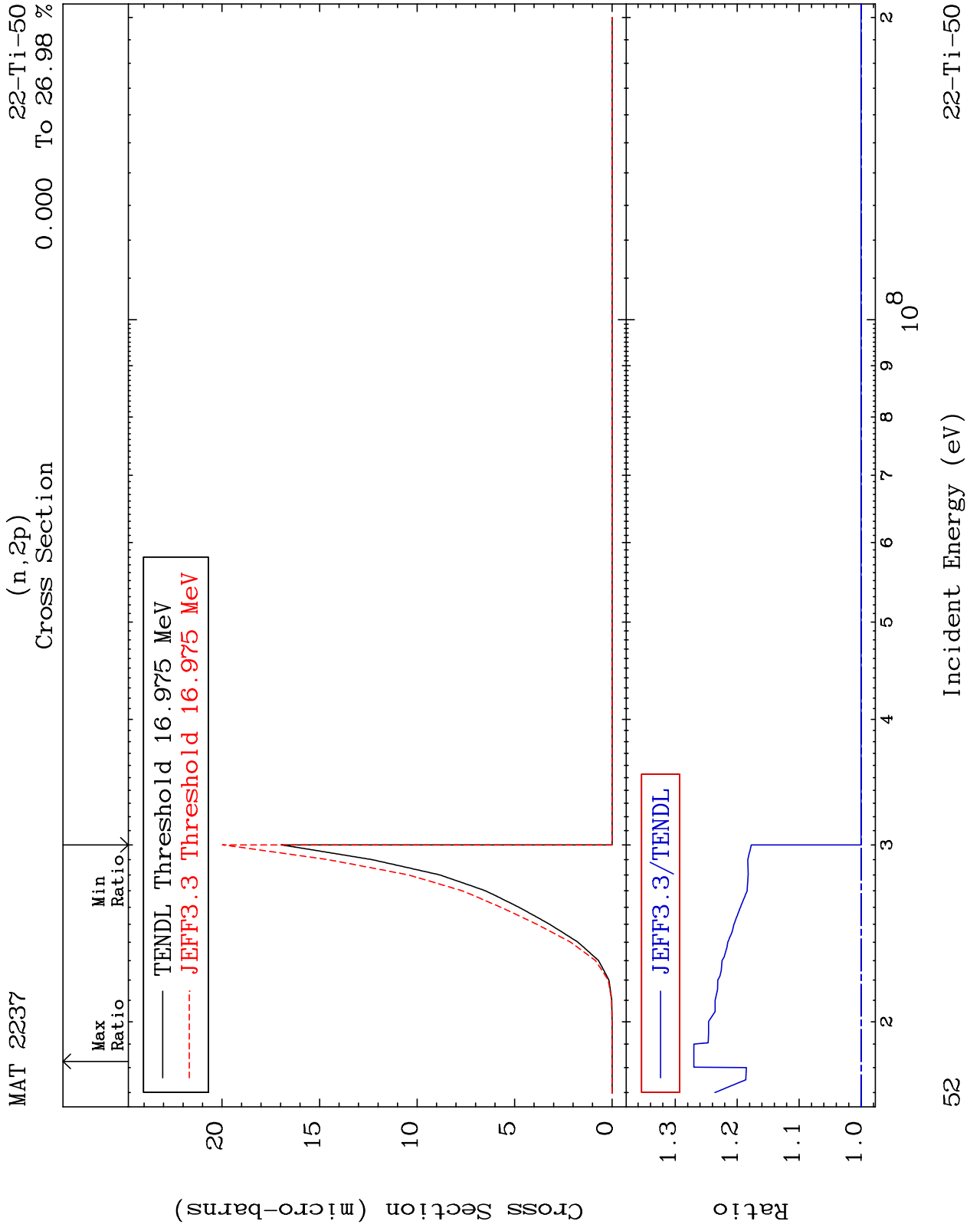


50

Incident Energy (eV)

22-Ti-50





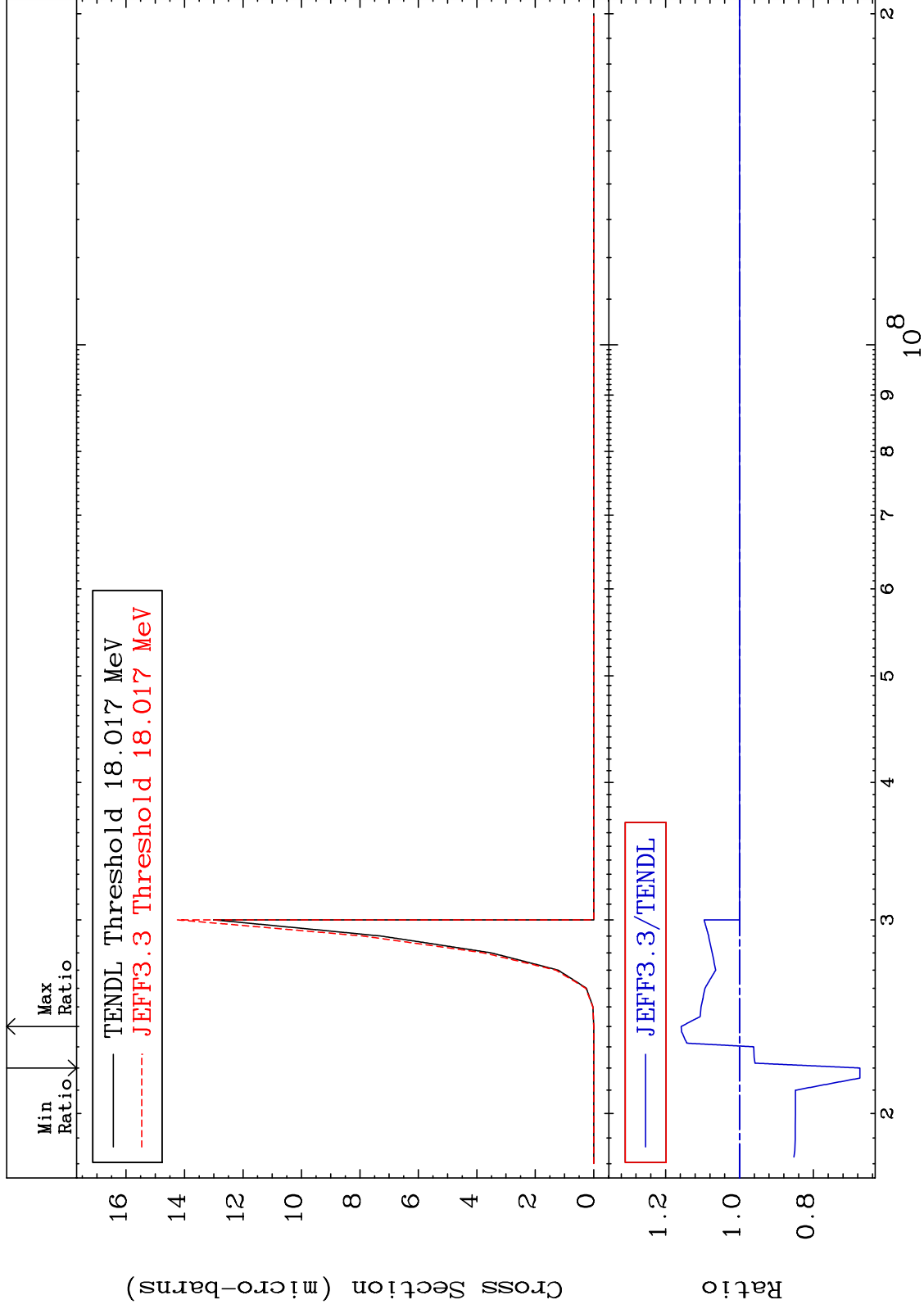
MAT 2237

(n,p) α

22-Ti-50

Cross Section

-32.58 To 15.77 %



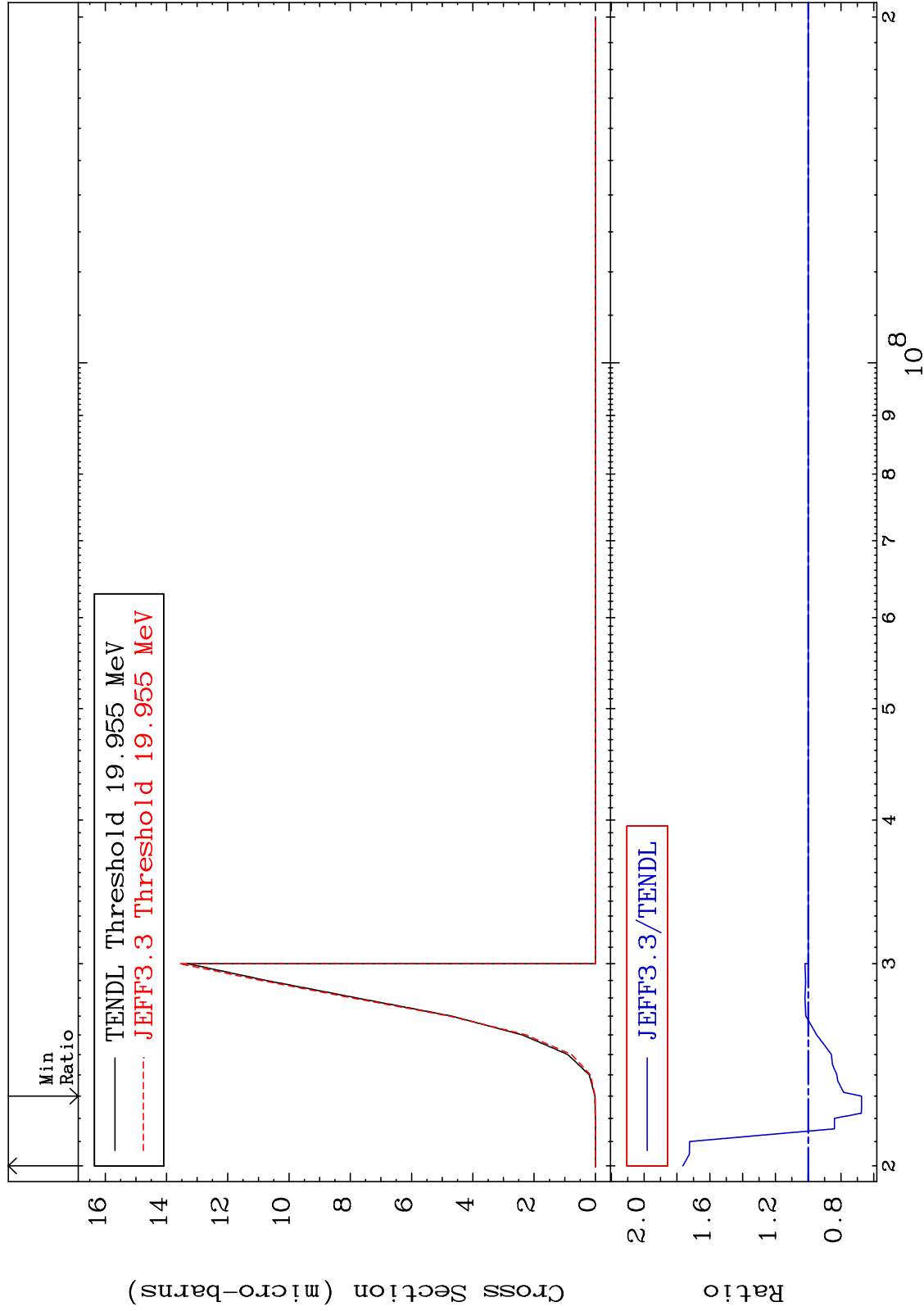
MAT 2237

(n,p) d

22-Ti-50

Cross Section

-32.56 To 76.42 %



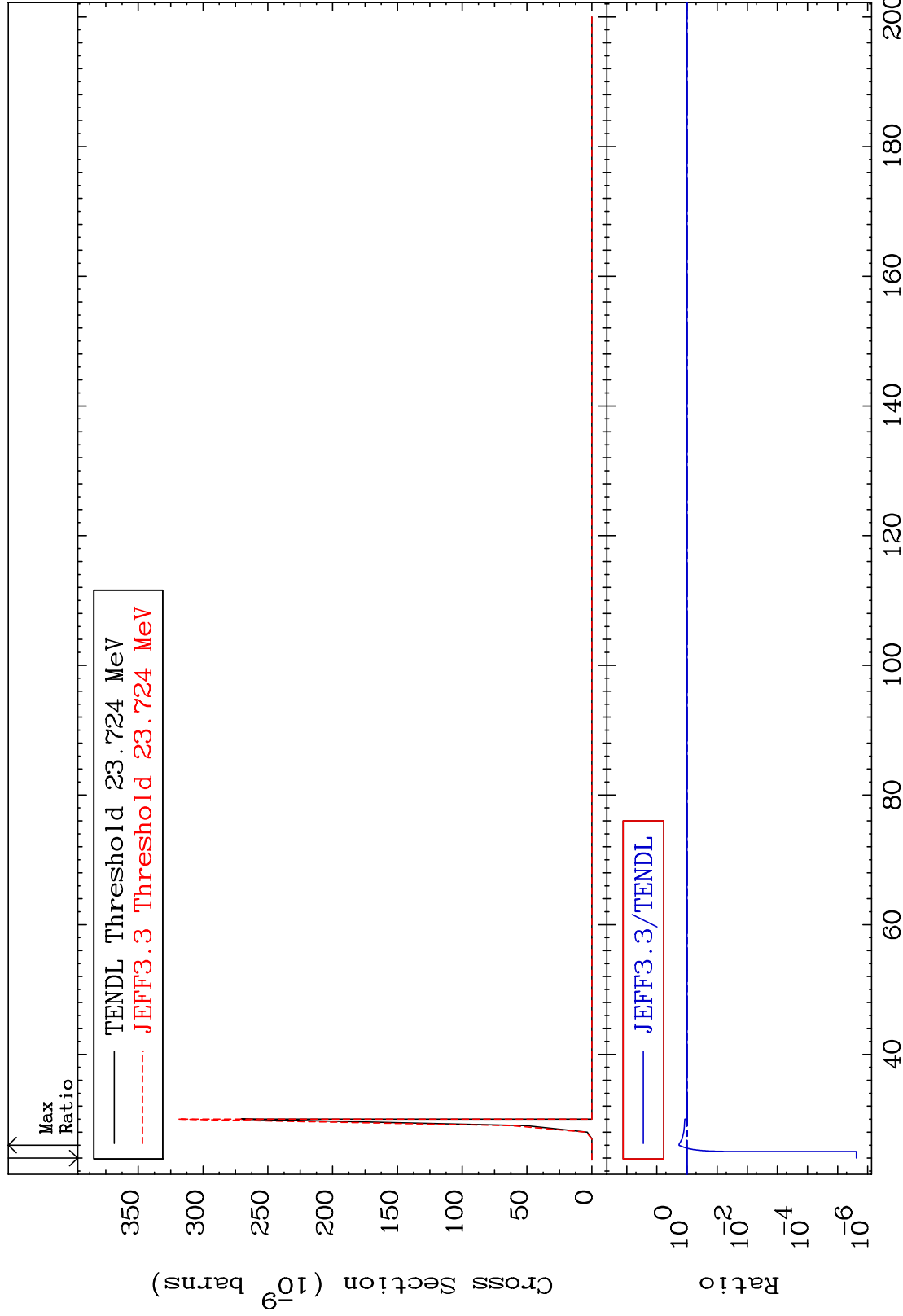
MAT 2237

(n,p) t

22-Ti-50

Cross Section

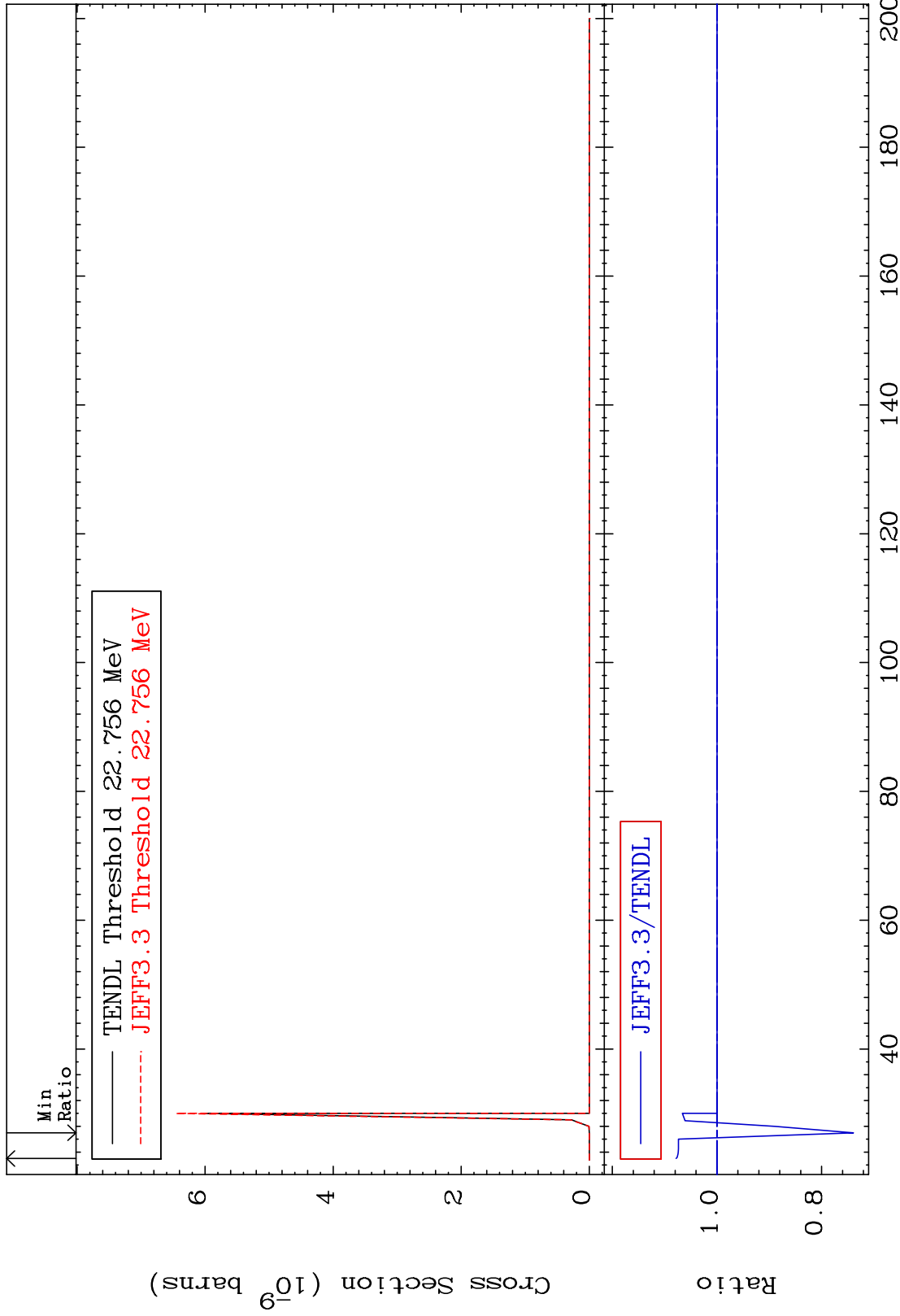
-100.0 To 87.39 %



MAT 2237

(n,d) α
Cross Section

22-Ti-50
-26.09 To 7.804 %



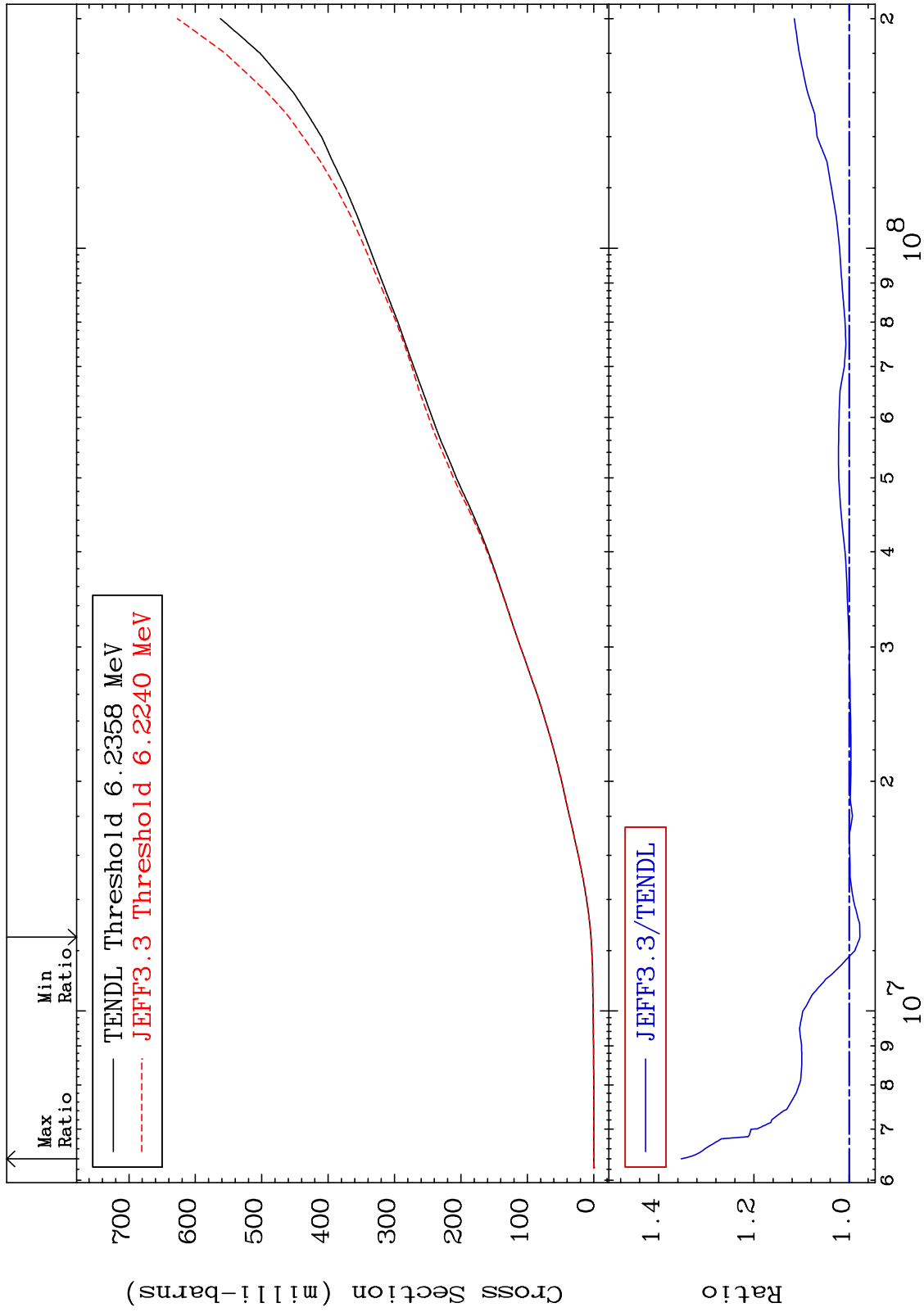
56

22-Ti-50

MAT 2237

Hydrogen Production
Cross Section

22-Ti-50
-2.247 To 35.28 %



57

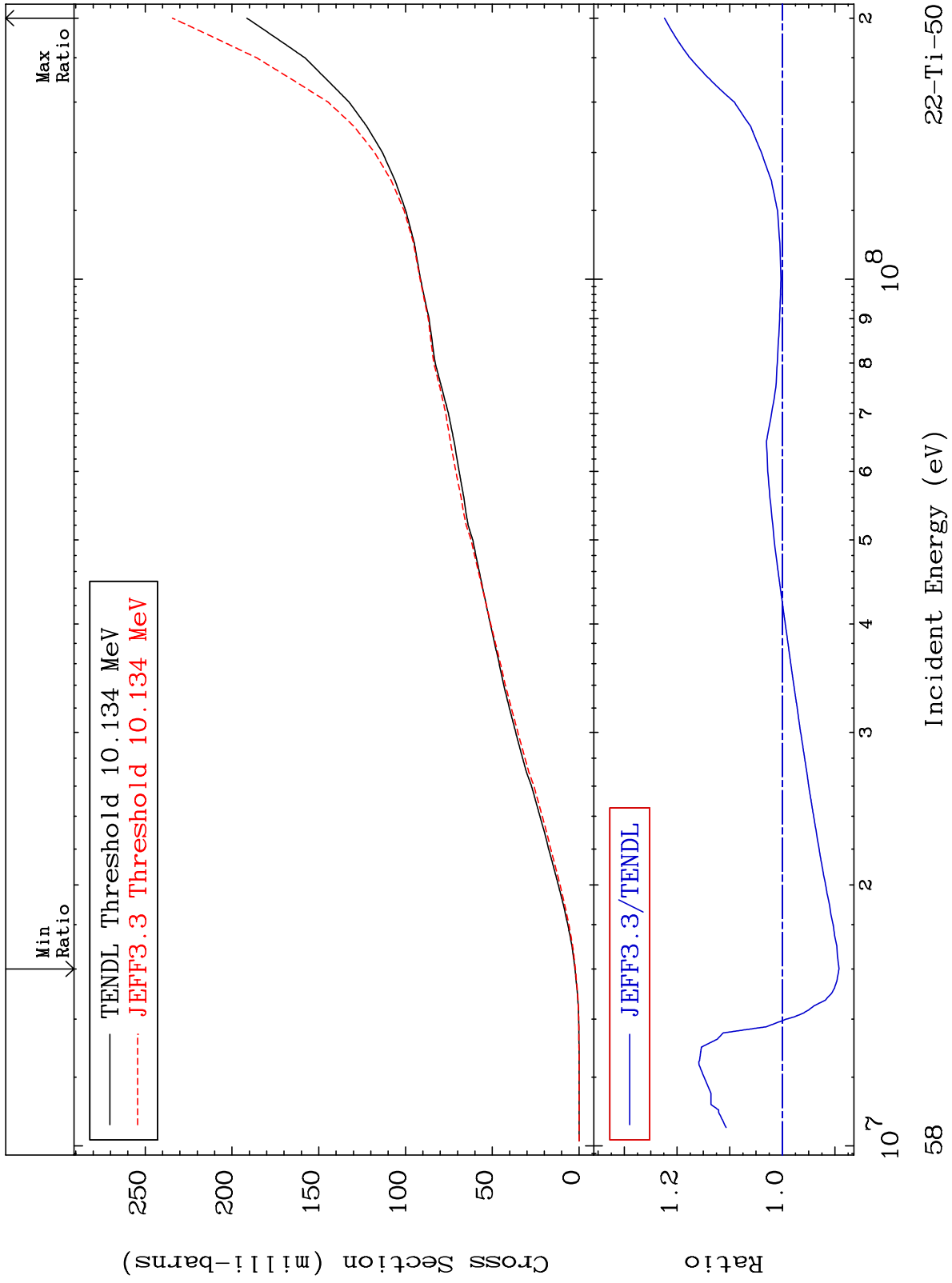
Incident Energy (eV)

22-Ti-50

MAT 2237

Deuterium Production
Cross Section

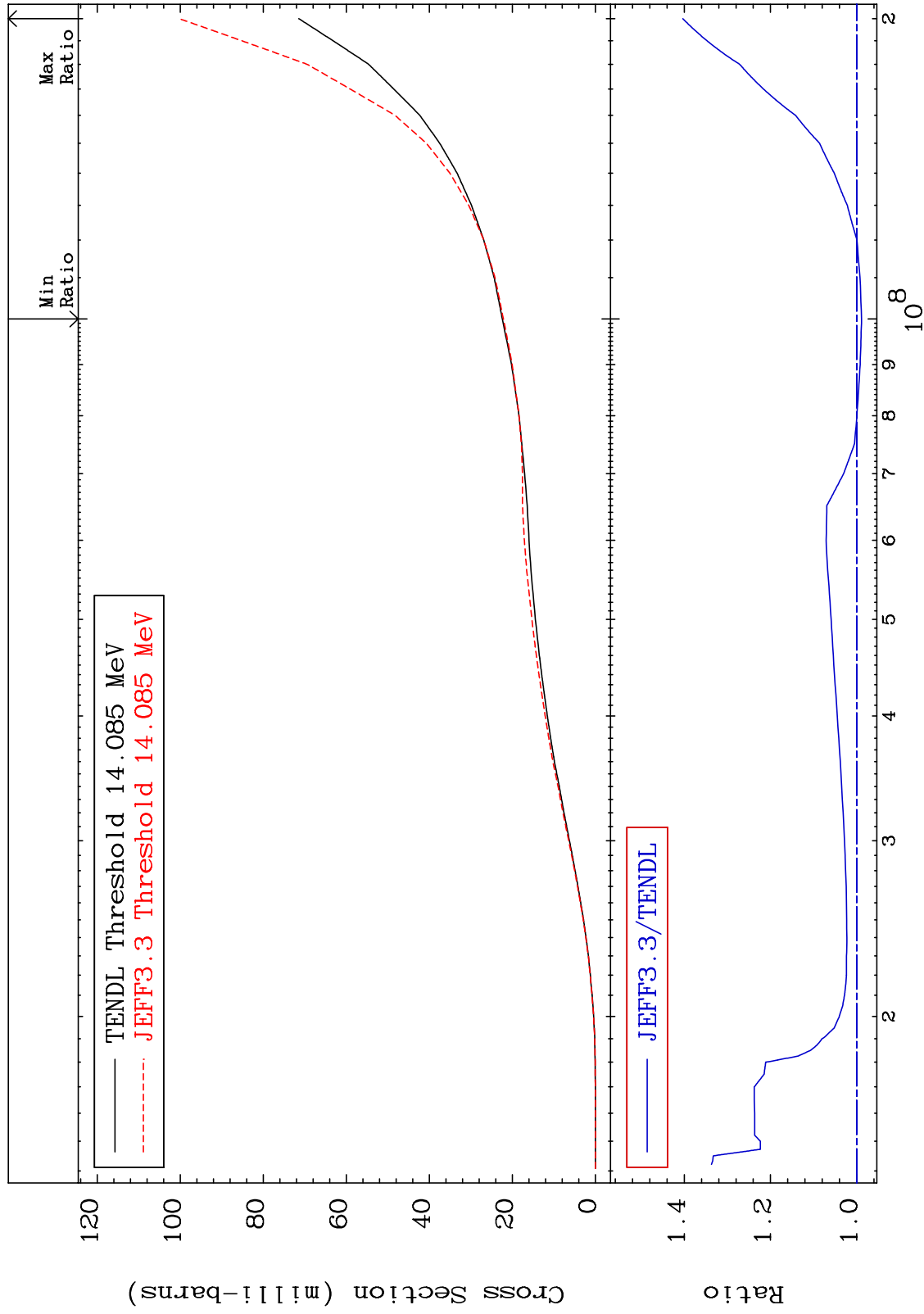
22-Ti-50
-10.76 To 22.38 %



MAT 2237

Tritium Production
Cross Section

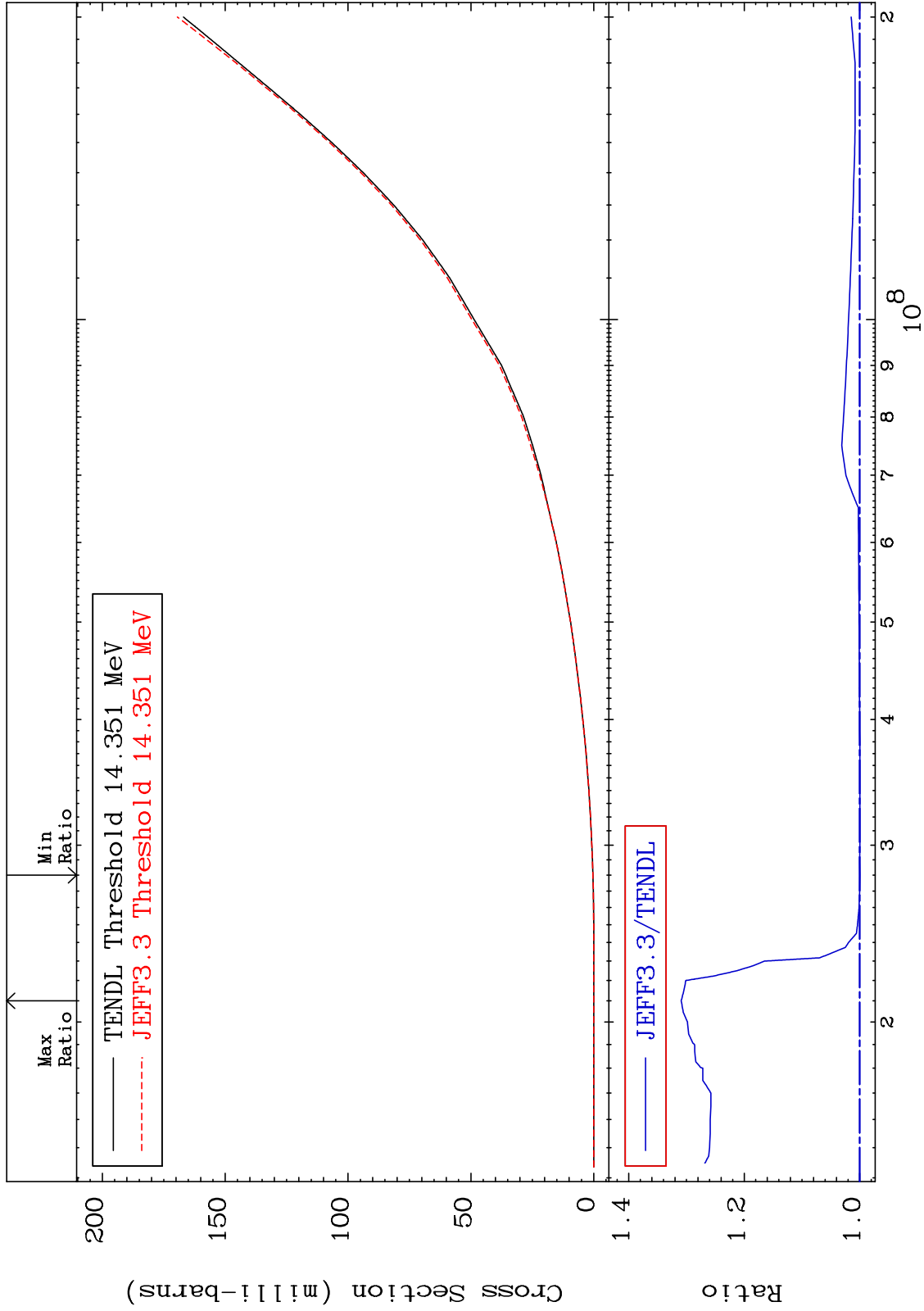
22-Ti-50
-1.142 To 40.33 %



MAT 2237

He-3 Production
Cross Section

22-Ti-50
-0.043 To 30.91 %



60

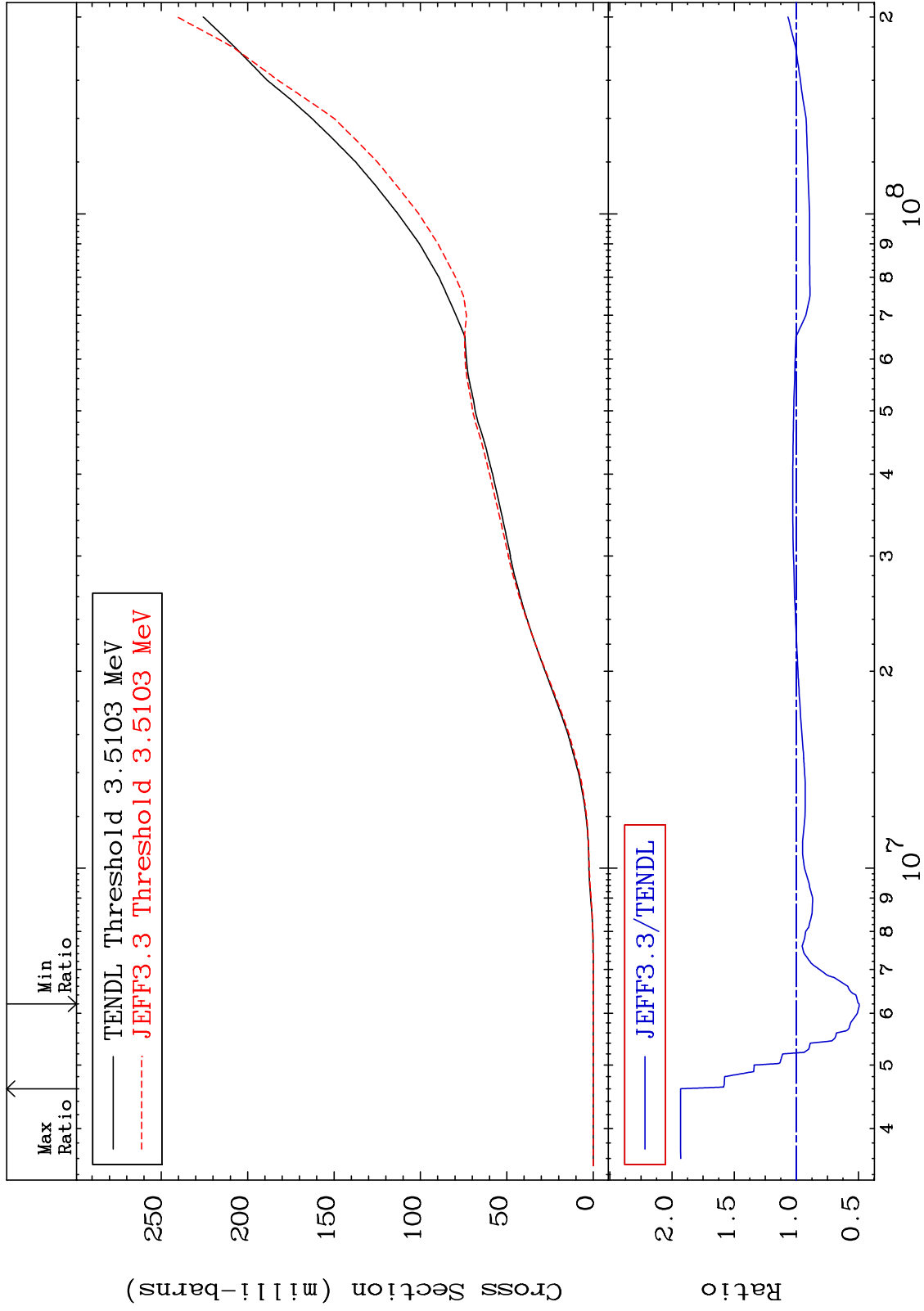
Incident Energy (eV)

22-Ti-50

MAT 2237

He-4 Production
Cross Section

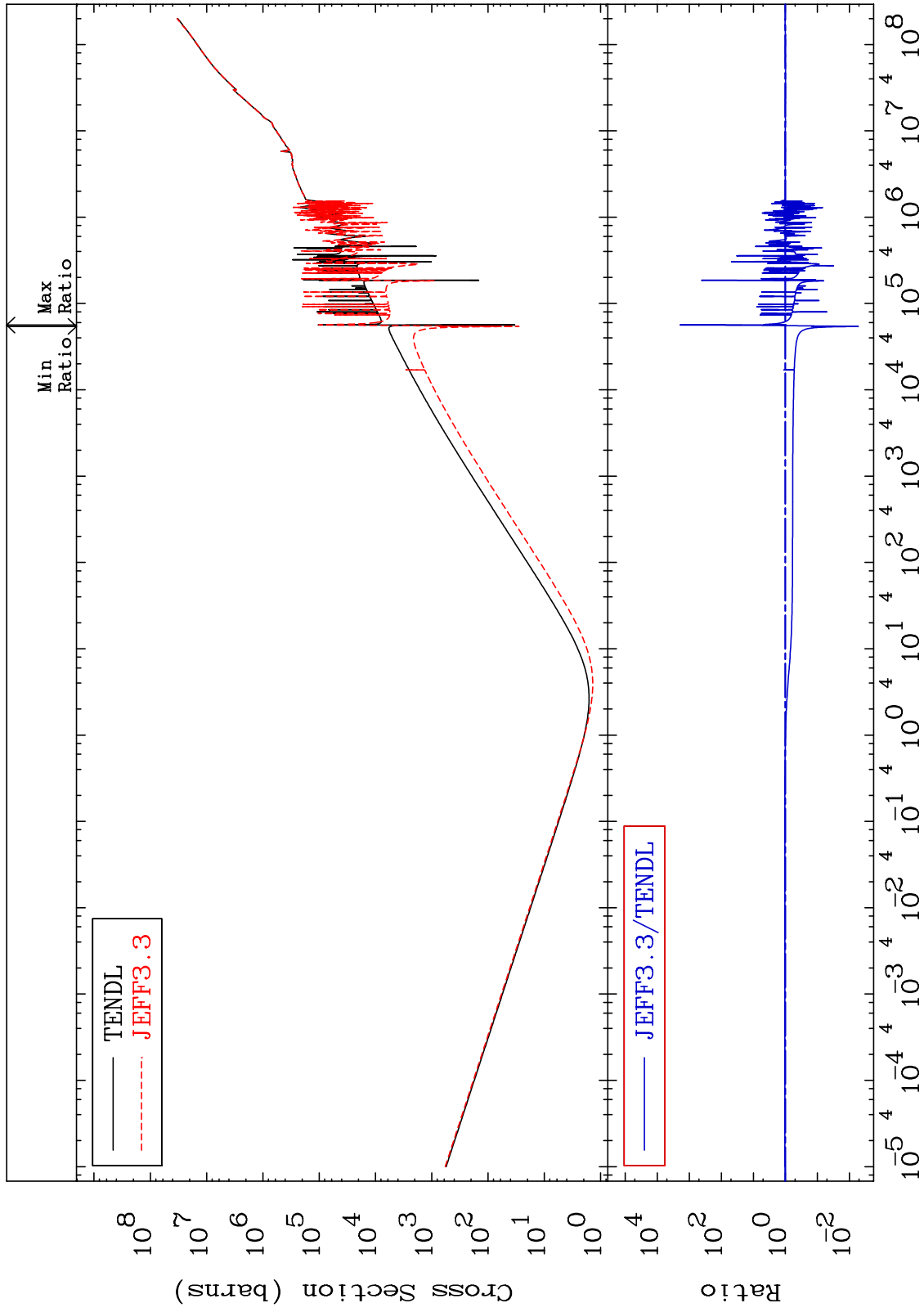
22-Ti-50
-50.55 To 93.11 %



MAT 2237

Kerma total (eV-barns)
Cross Section

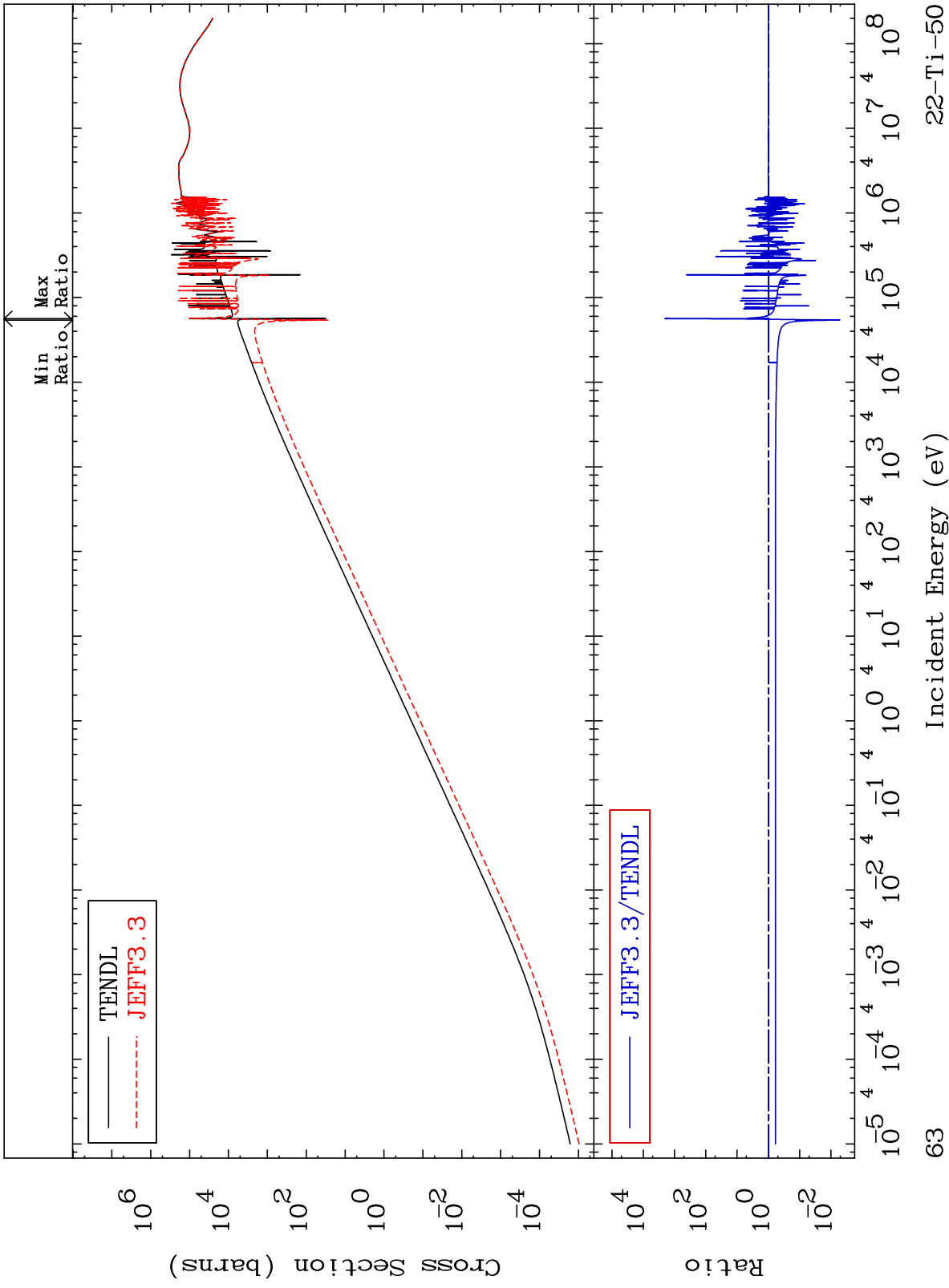
22-Ti-50
-99.48 To 9999. %



MAT 2237

Kerma elastic
Cross Section

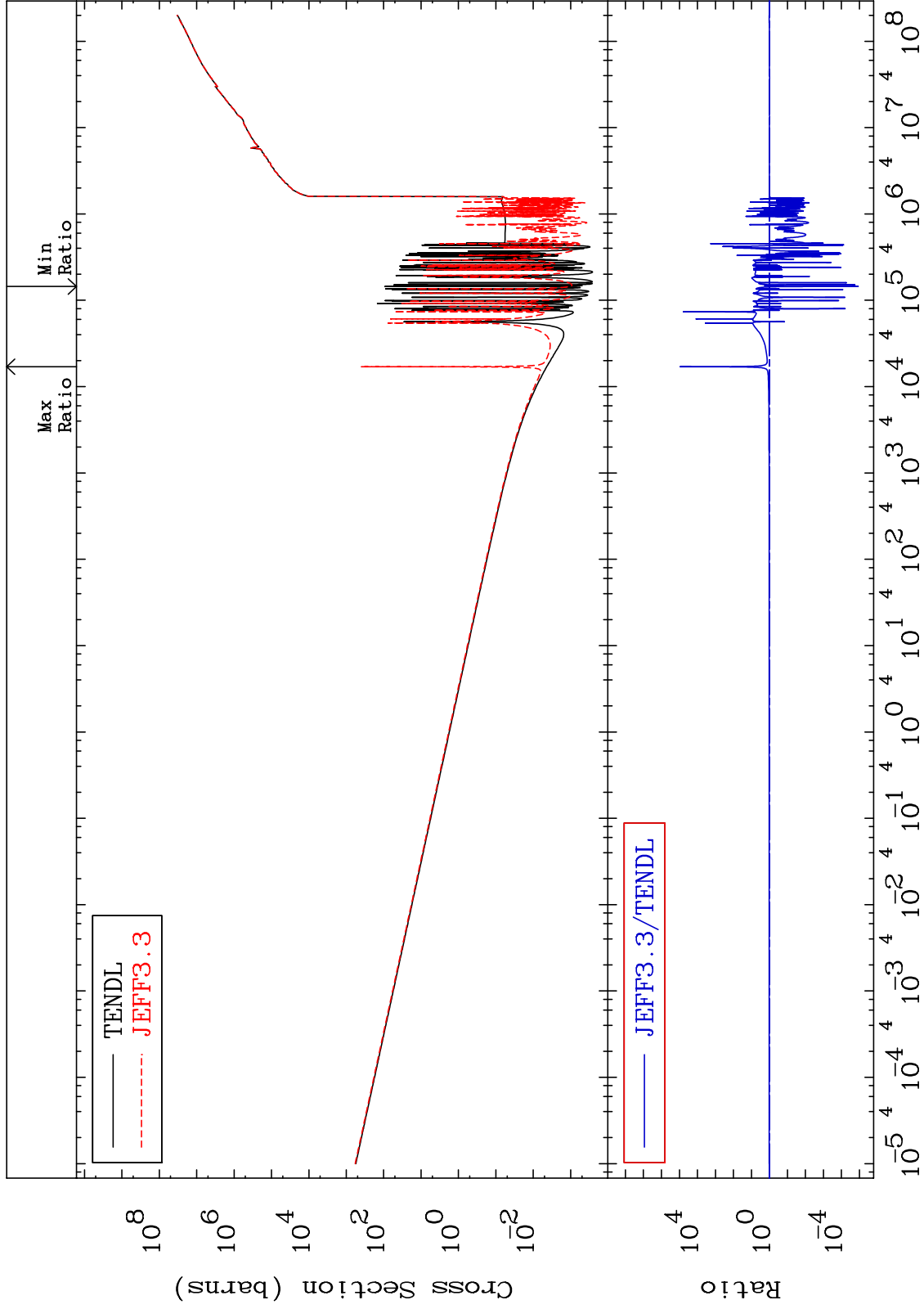
22-Ti-50
-99.48 To 9999. %



MAT 2237

Kerma non-elastic (all but mt2)
Cross Section

22-Ti-50
-100.0 To 9999. %



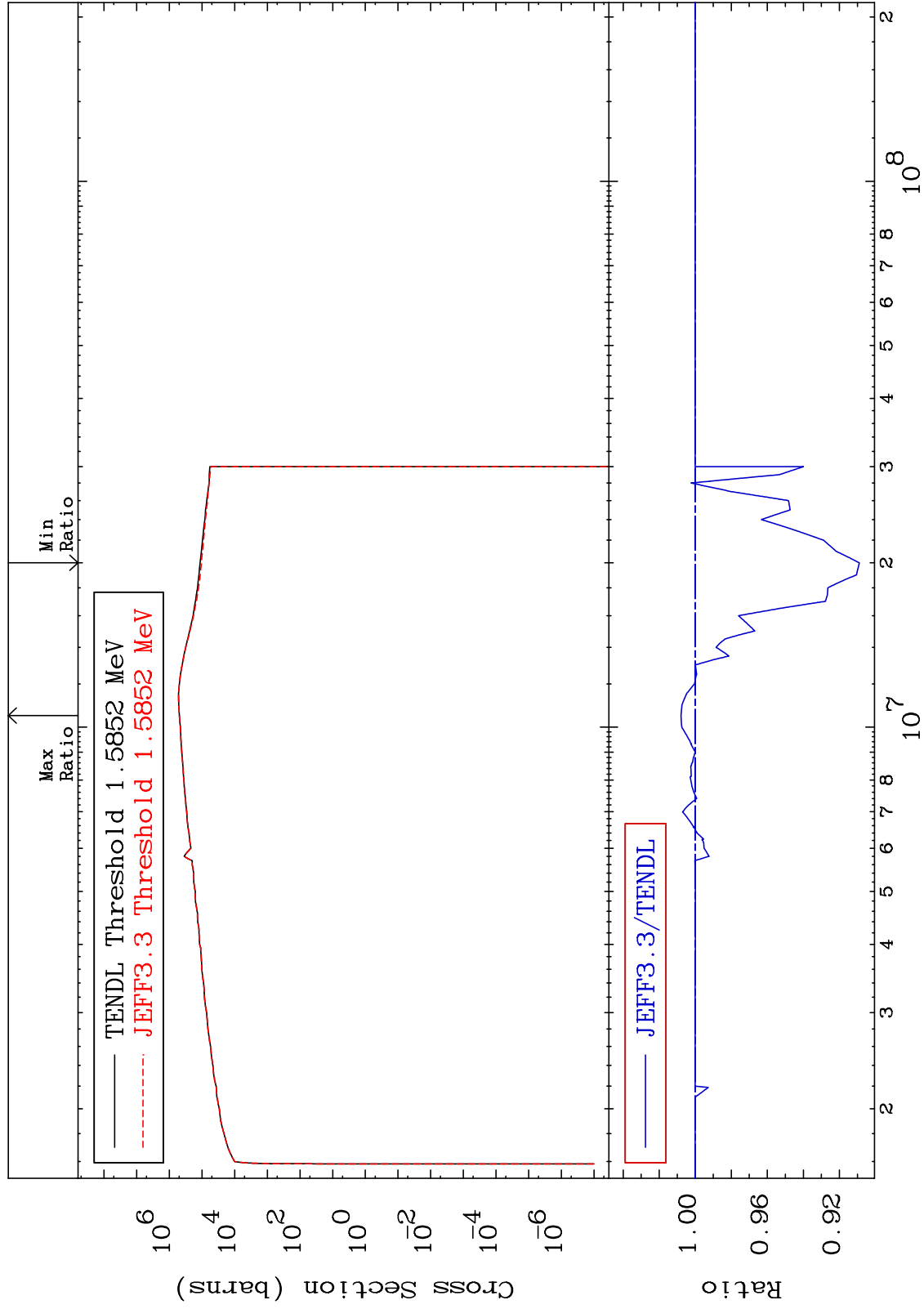
MAT 2237

Kerma inelastic (mt51-91)

22-Ti-50

-9.105 To 0.787 %

Cross Section



65

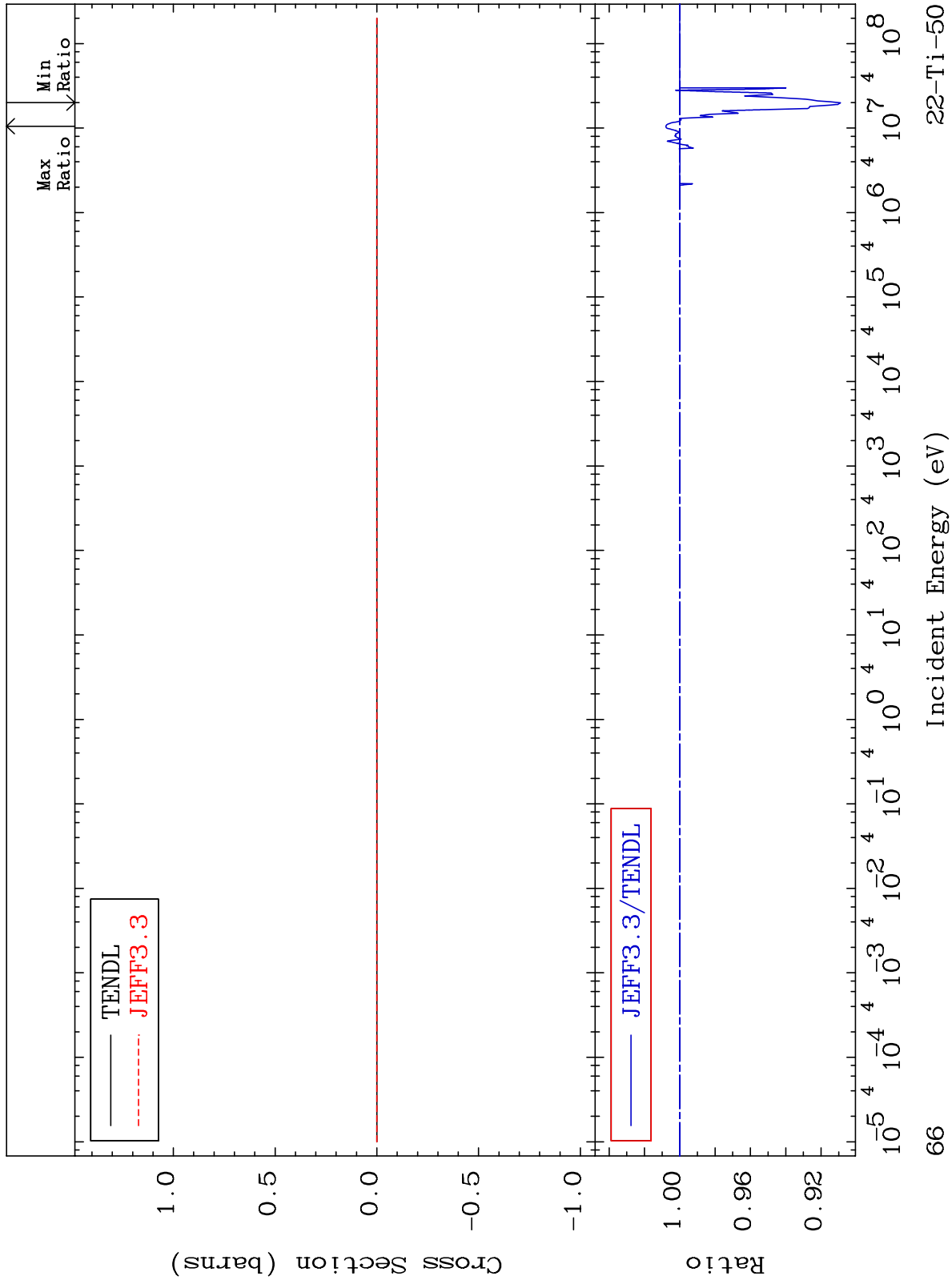
Incident Energy (eV)

22-Ti-50

MAT 2237

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

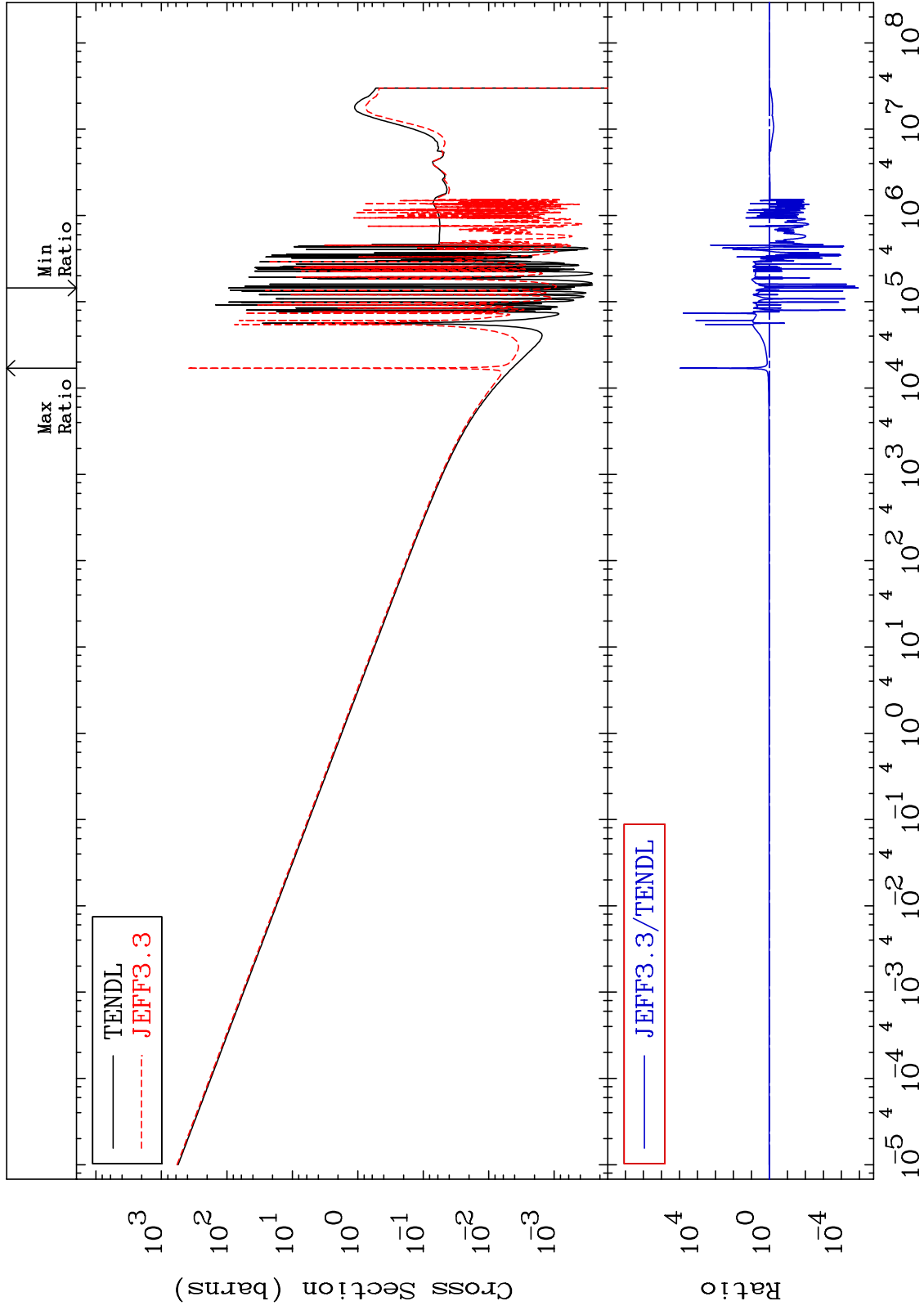
22-Ti-50
-9.105 To 0.787 %



MAT 2237

Kerma capture (mt102)
Cross Section

22-Ti-50
-100.0 To 9999. %



67

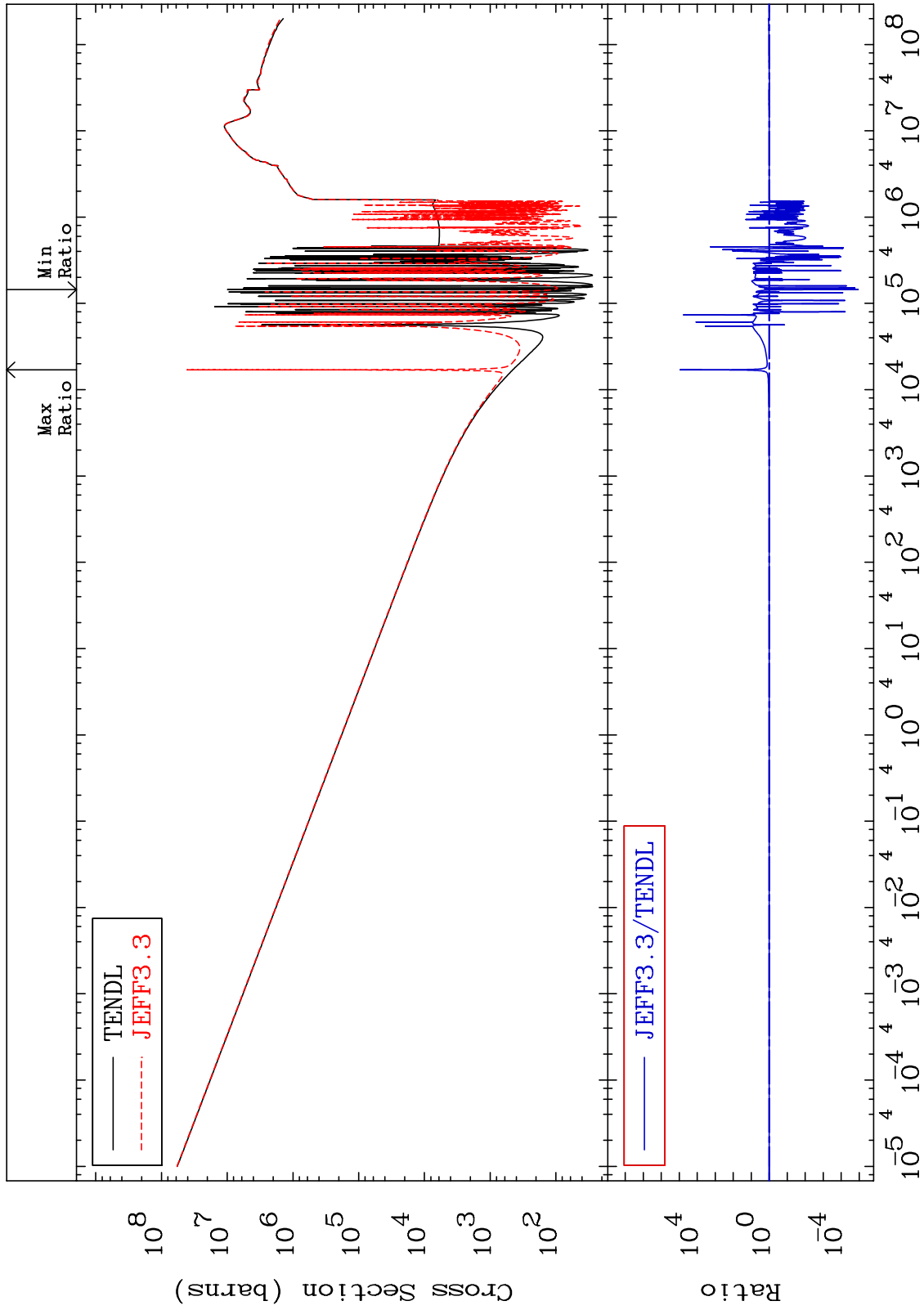
Incident Energy (eV)

22-Ti-50

MAT 2237

Total photon (eV-barns)
Cross Section

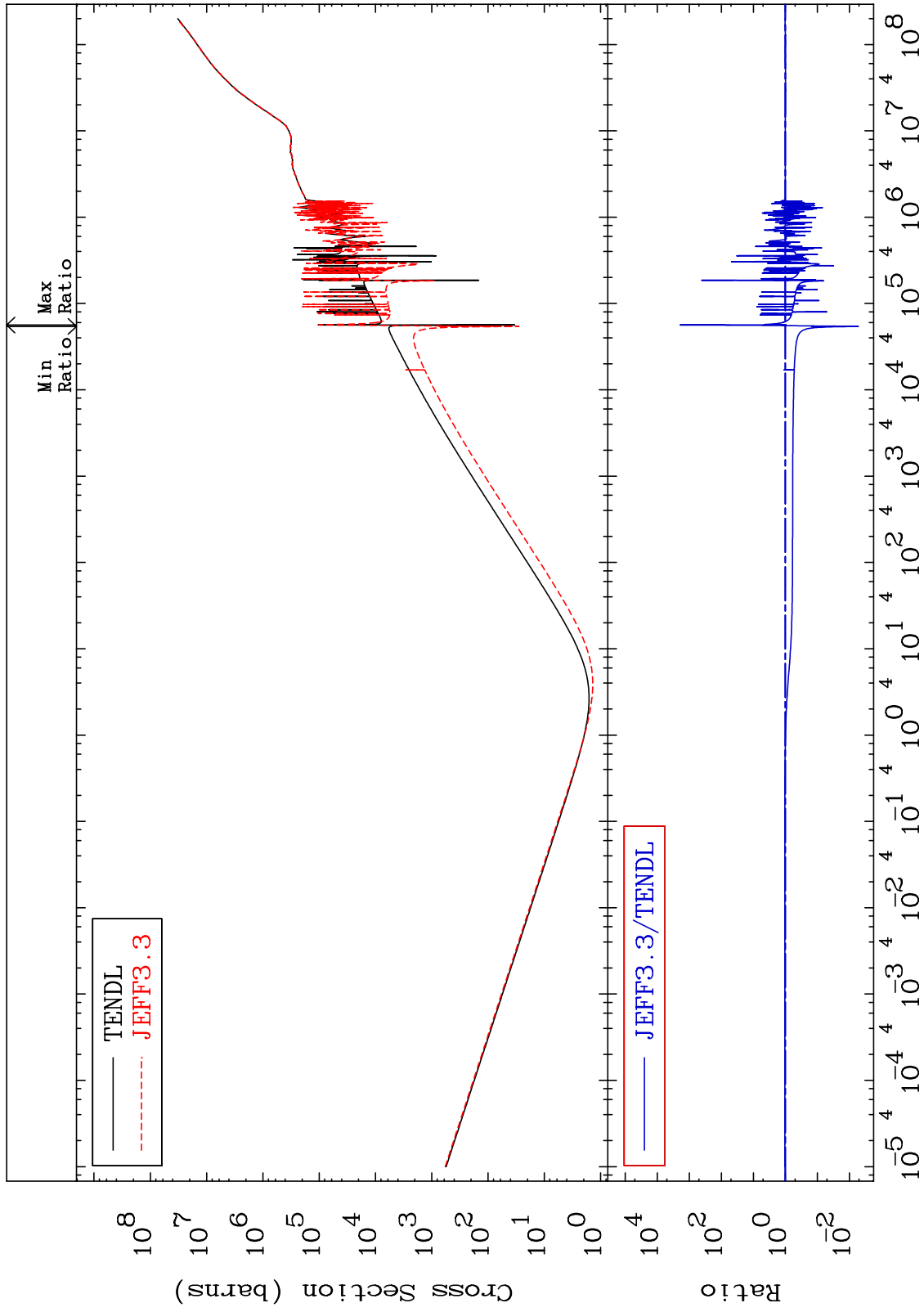
22-Ti-50
-100.0 To 9999. %



MAT 2237

Total kinematic kerma (high limit)
Cross Section

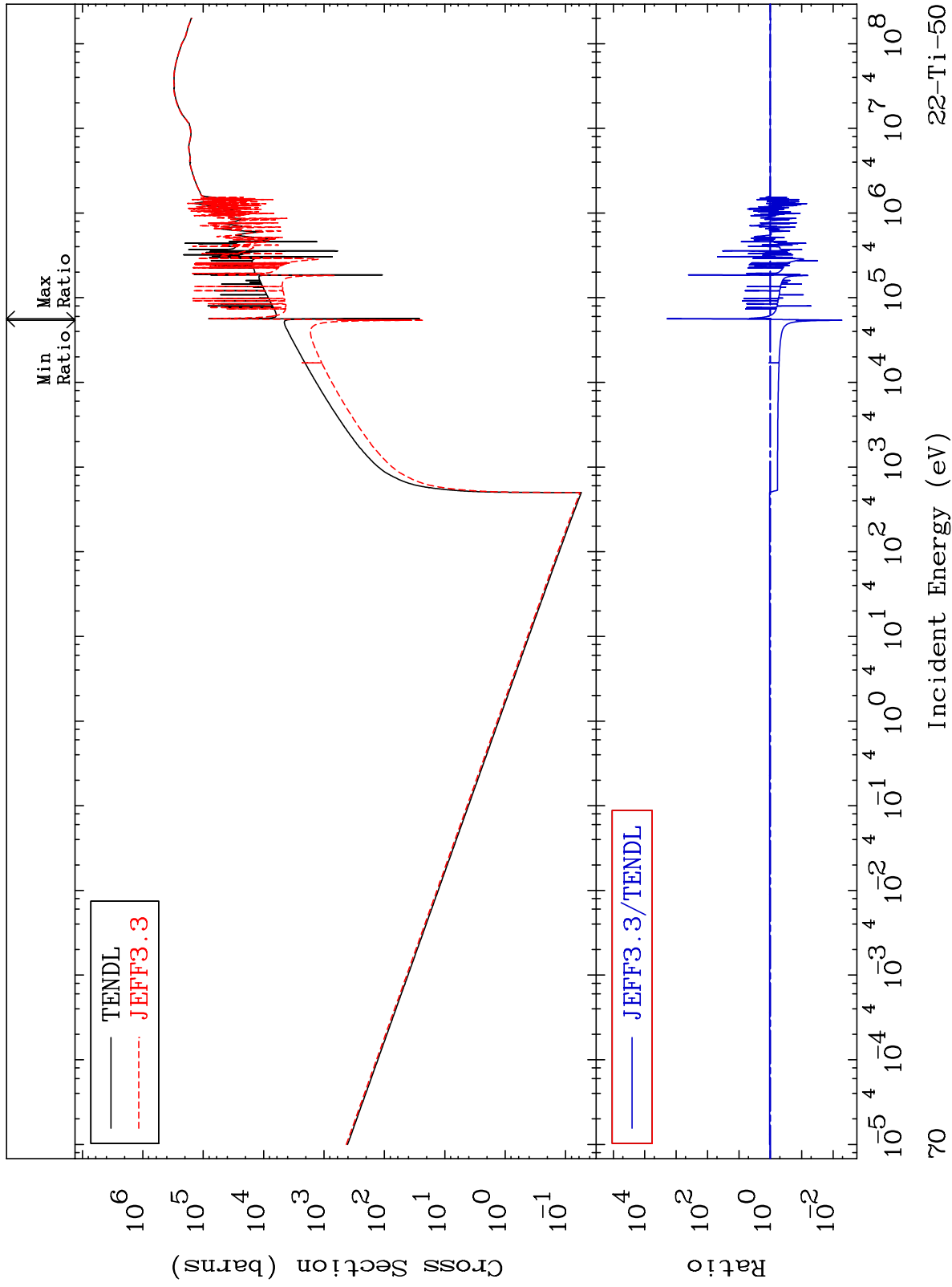
22-Ti-50
-99.48 To 9999. %



MAT 2237

Dpa total (eV-barns)
Cross Section

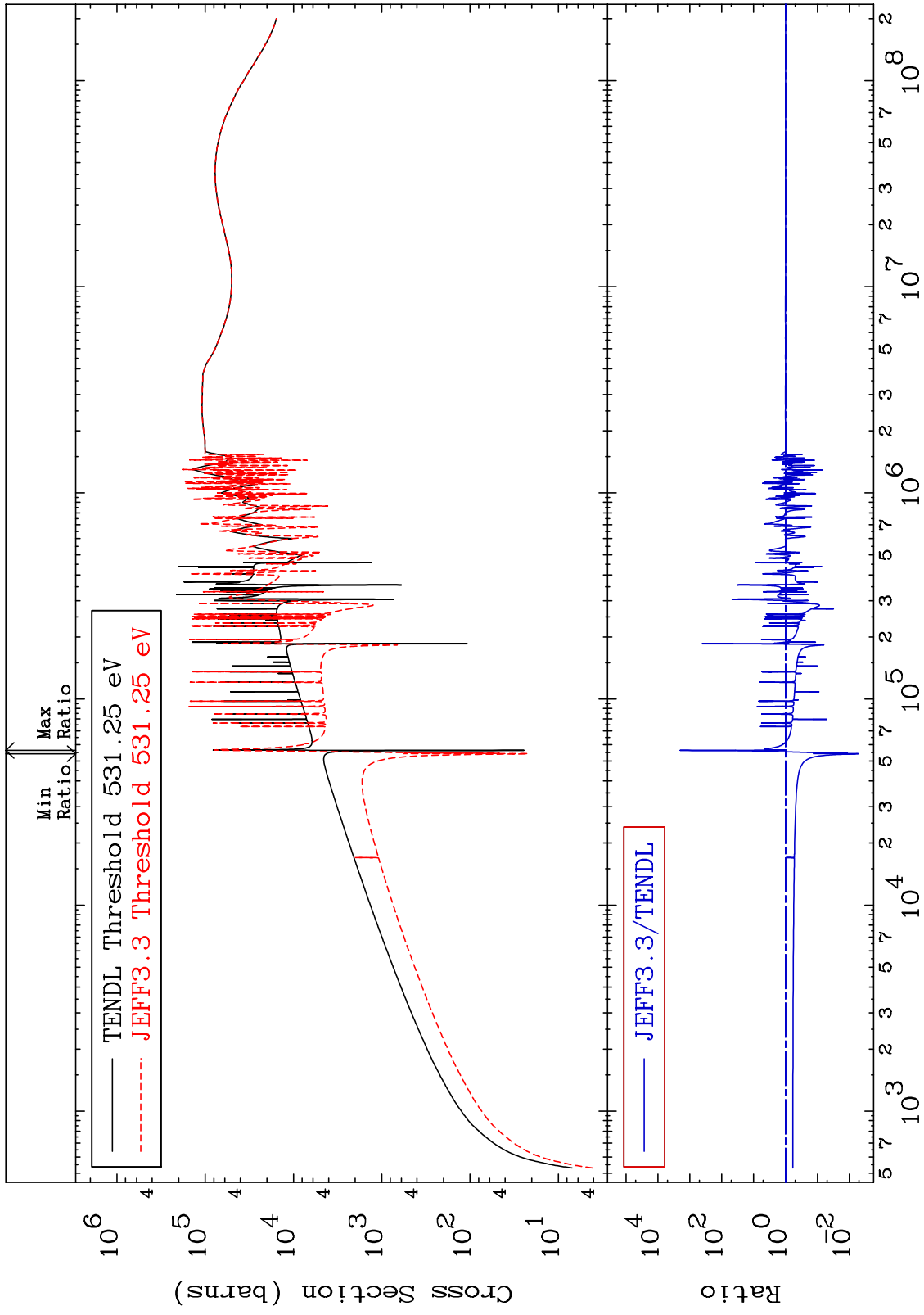
22-Ti-50
-99.48 To 9999. %



MAT 2237

Dpa elastic (mt2)
Cross Section

22-Ti-50
-99.48 To 9999. %



71

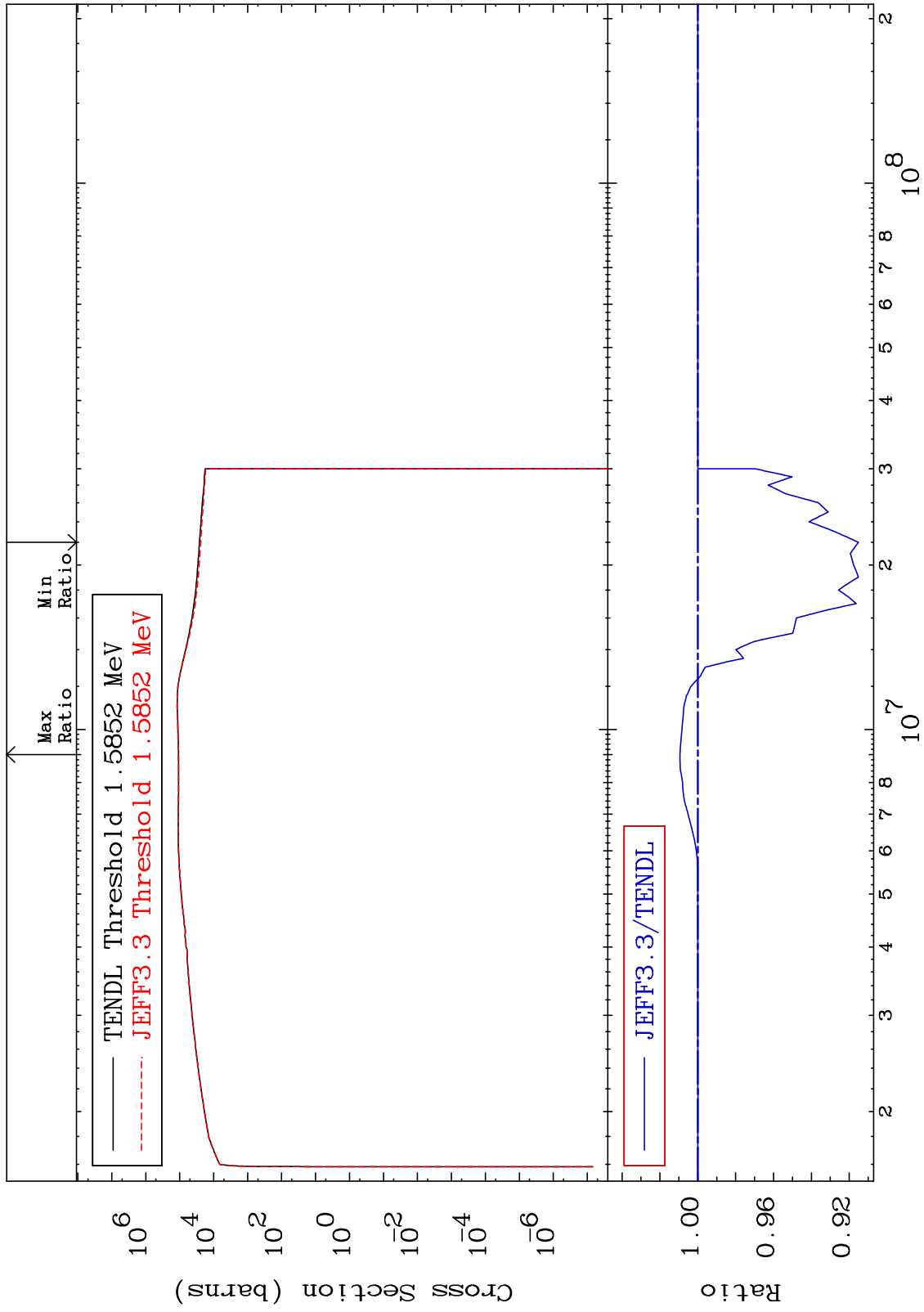
22-Ti-50

22-Ti-50

MAT 2237

Dpa inelastic (mt51-91)
Cross Section

22-Ti-50
-8.485 To 0.939 %



72

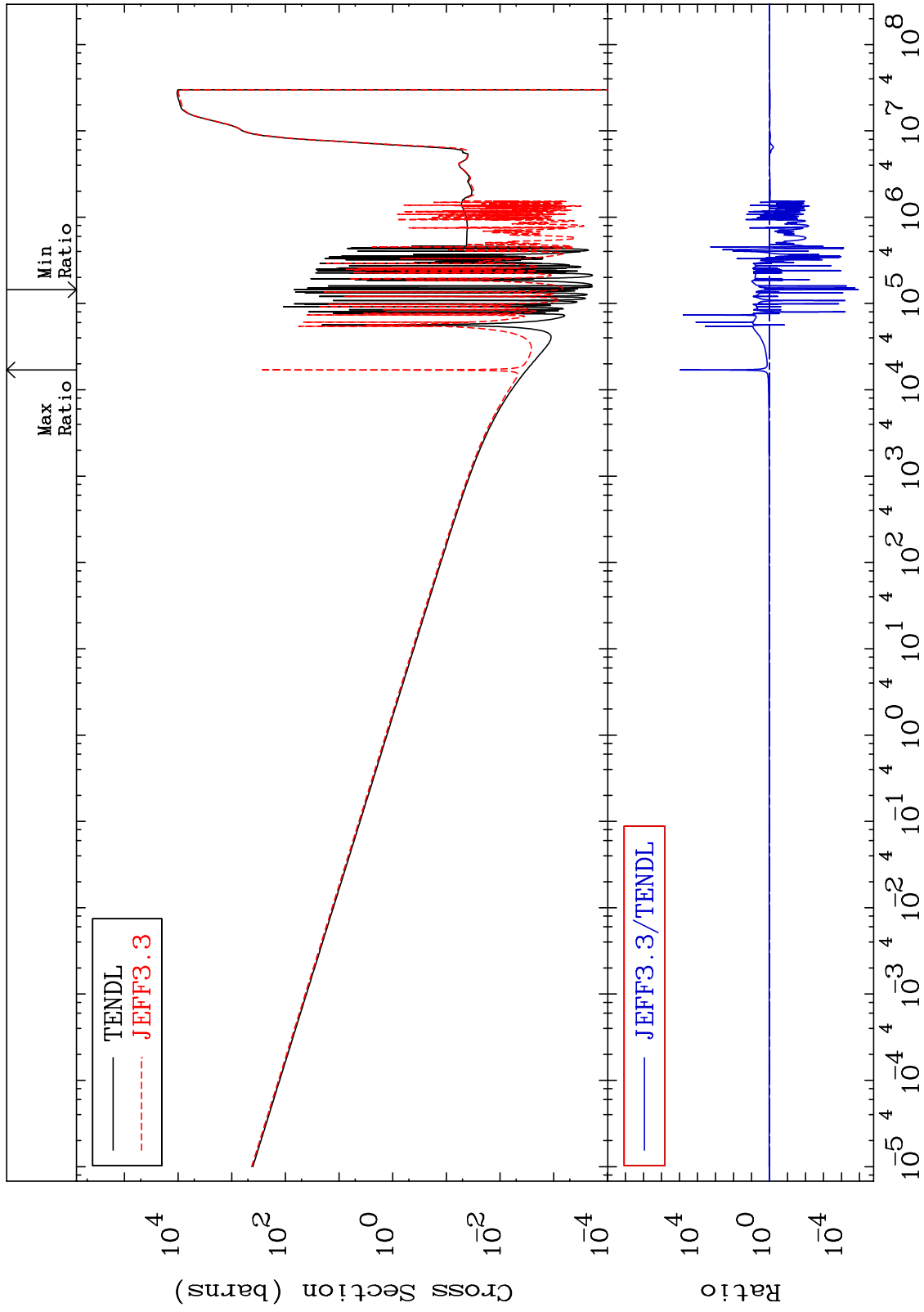
Incident Energy (eV)

22-Ti-50

MAT 2237

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-50
-100.0 To 9999. %



73

Incident Energy (eV)

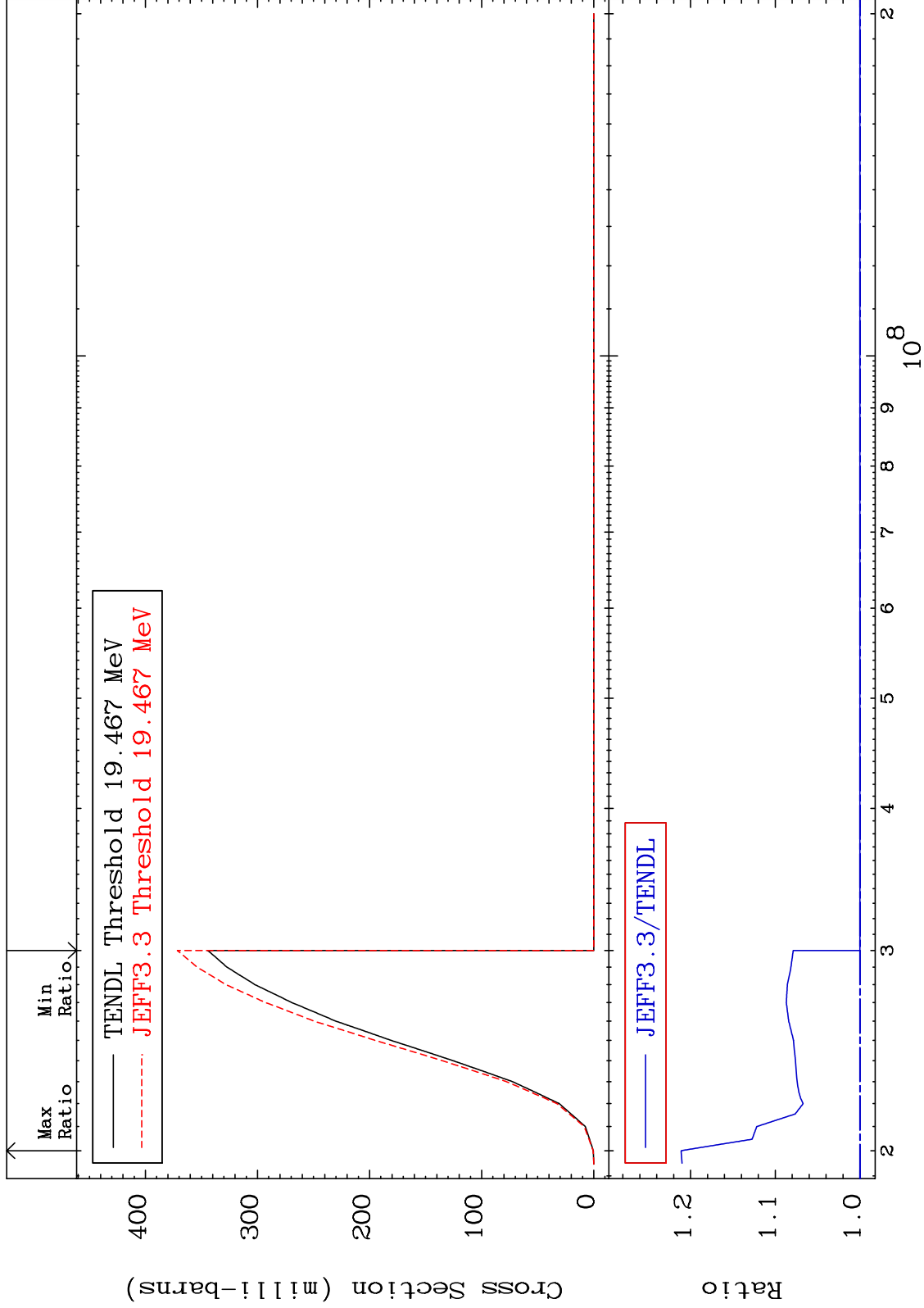
22-Ti-50

MAT 2237

(n,3n):22-Ti-48g

22-Ti-50

Radionuclide Production Cross Section 0.000 To 21.11 %

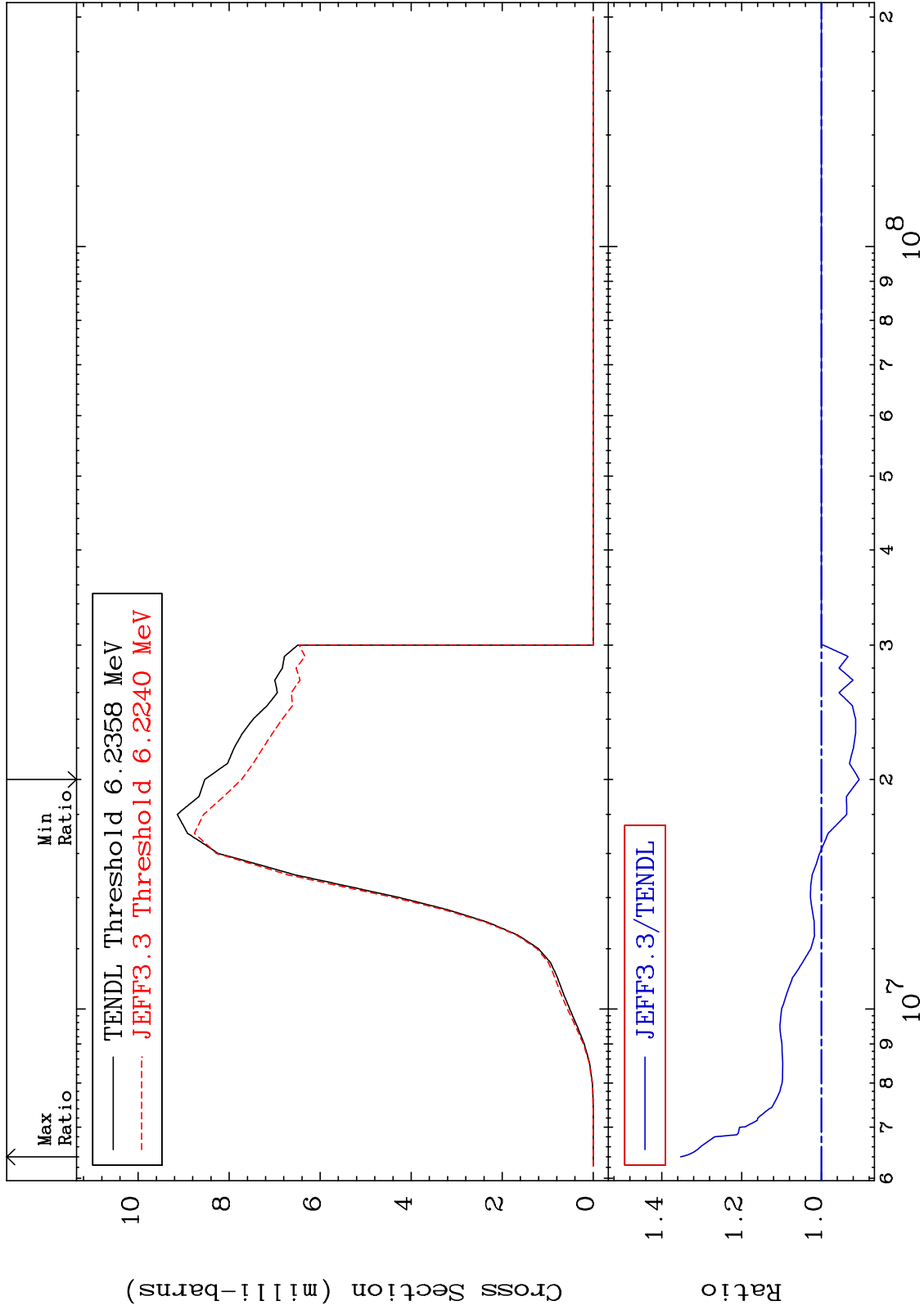


MAT 2237

(n,p):21-Sc-50g

22-Ti-50

Radionuclide Production Cross Section -9.468 To 35.28 %



75

Incident Energy (eV)

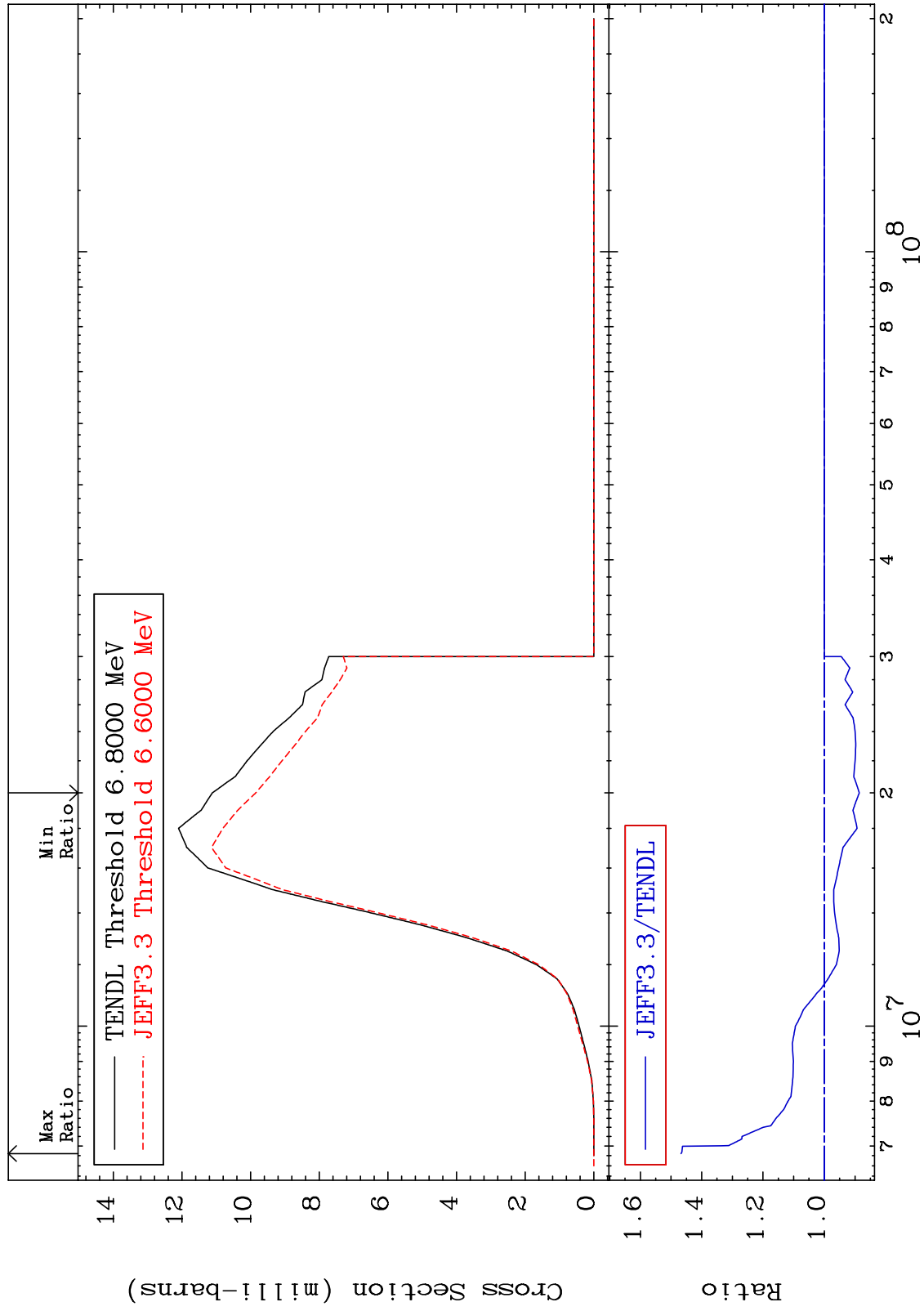
22-Ti-50

MAT 2237

(n,p):21-Sc-50m1

22-Ti-50

Radionuclide Production Cross Section -11.40 To 46.73 %



76

Incident Energy (eV)

22-Ti-50