

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

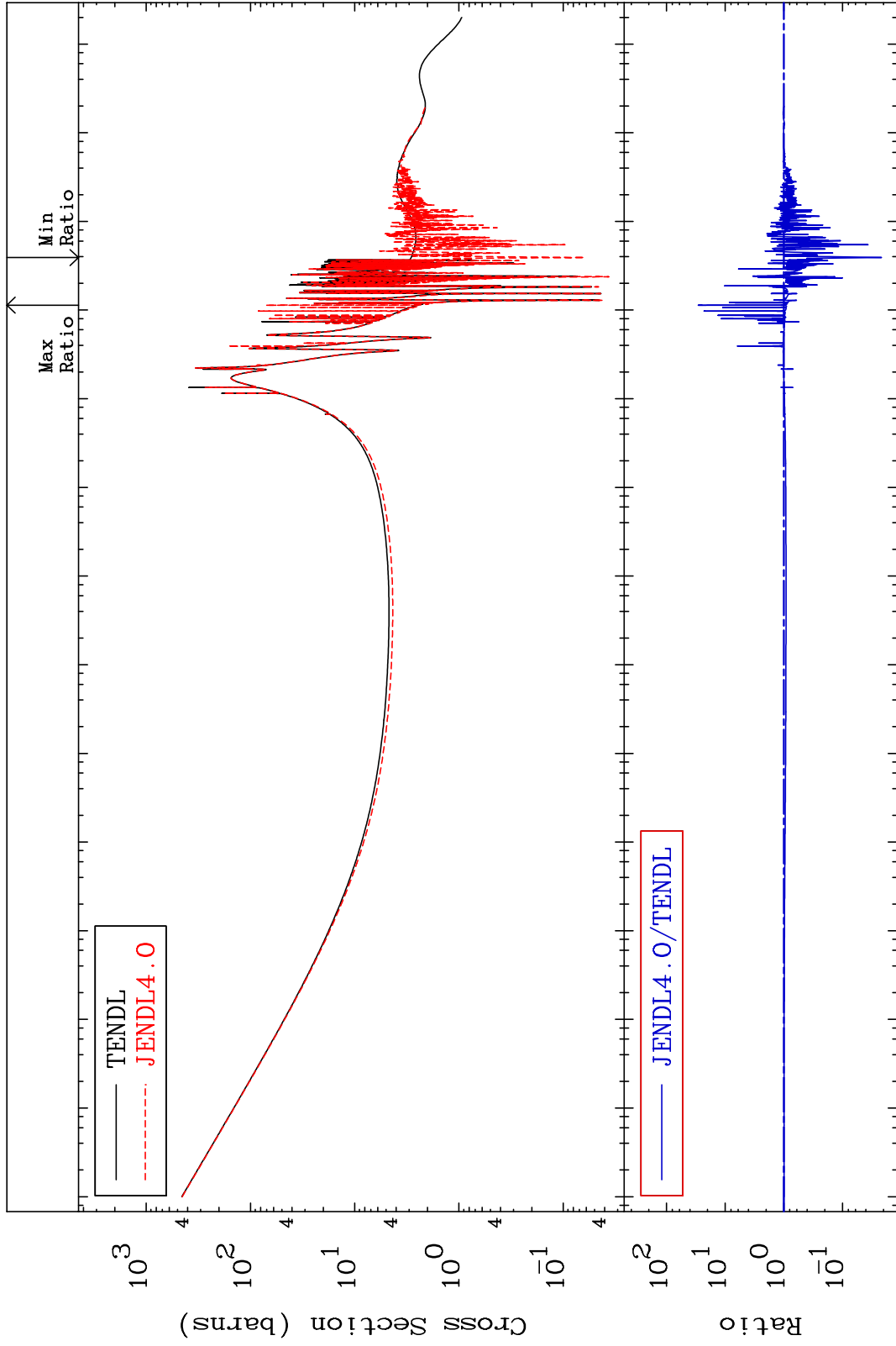
MAT 2231

Total

22-Ti-48

Cross Section

-97.84 To 2770. %



Incident Energy (eV)

22-Ti-48

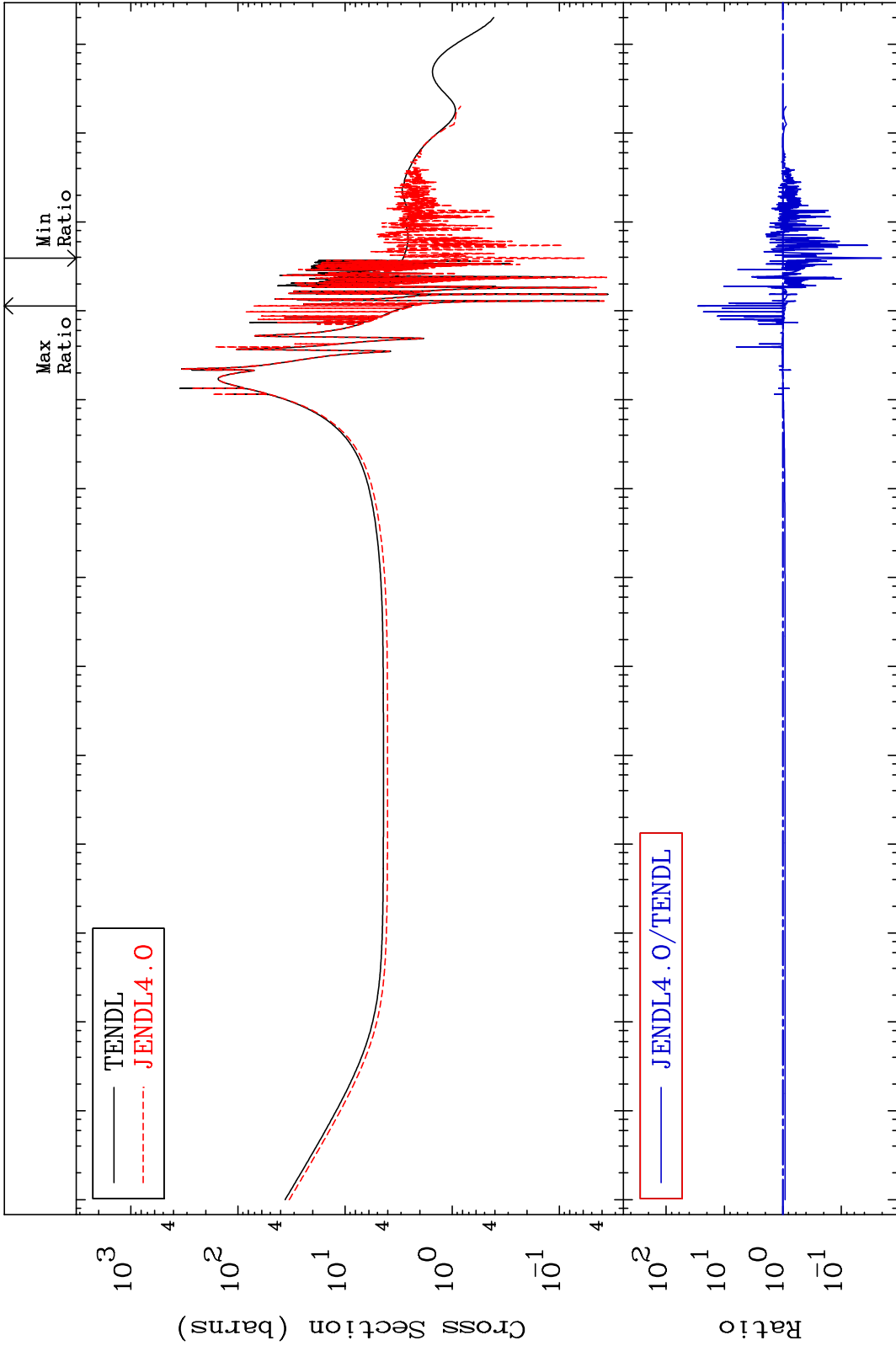
MAT 2231

Elastic

Cross Section

22-Ti-48

-97.96 To 2757. %



Incident Energy (eV)

22-Ti-48

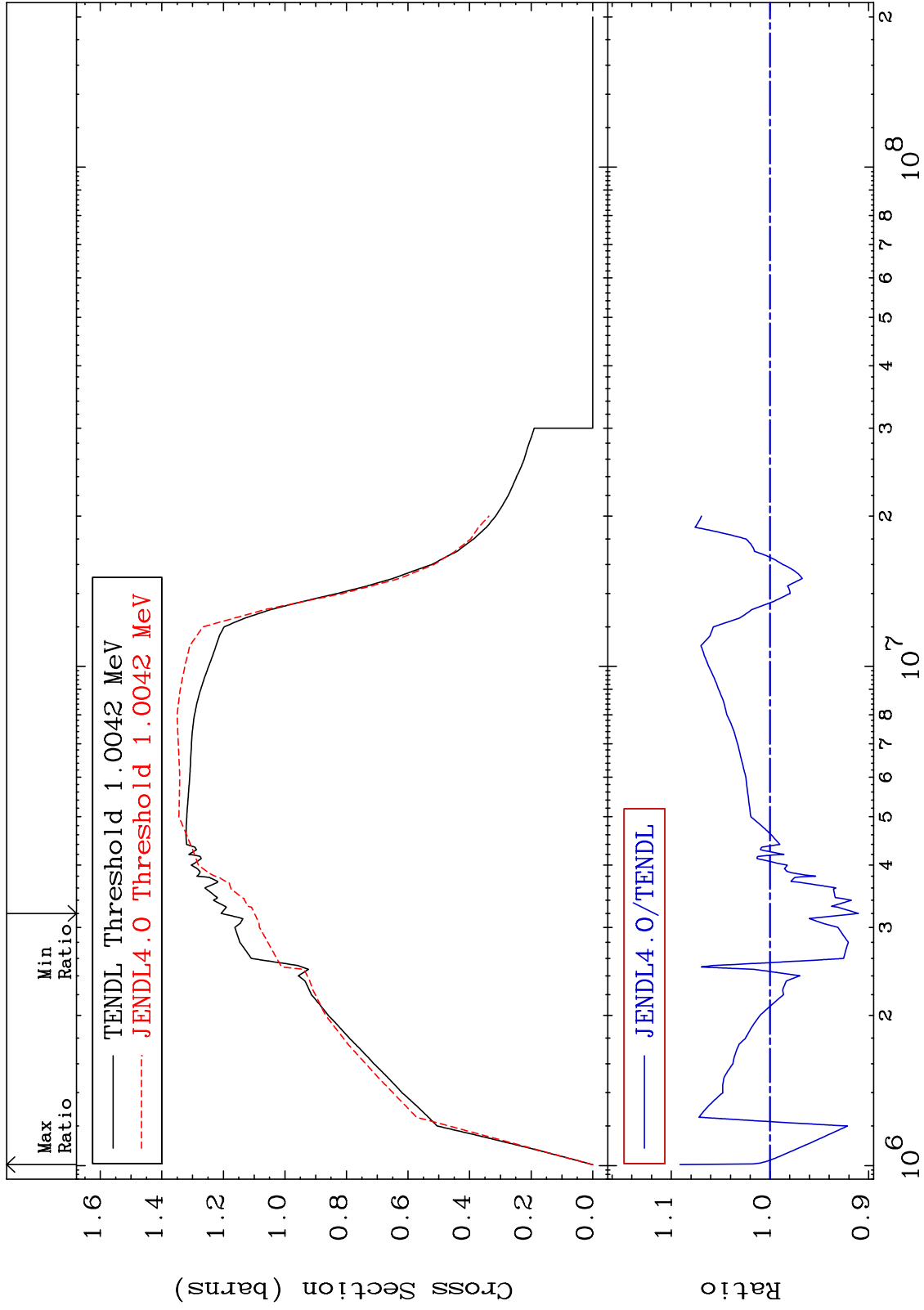
MAT 2231

Inelastic

²²Ti-48

Cross Section

-8.958 To 9.116 %



Incident Energy (eV)

²²Ti-48

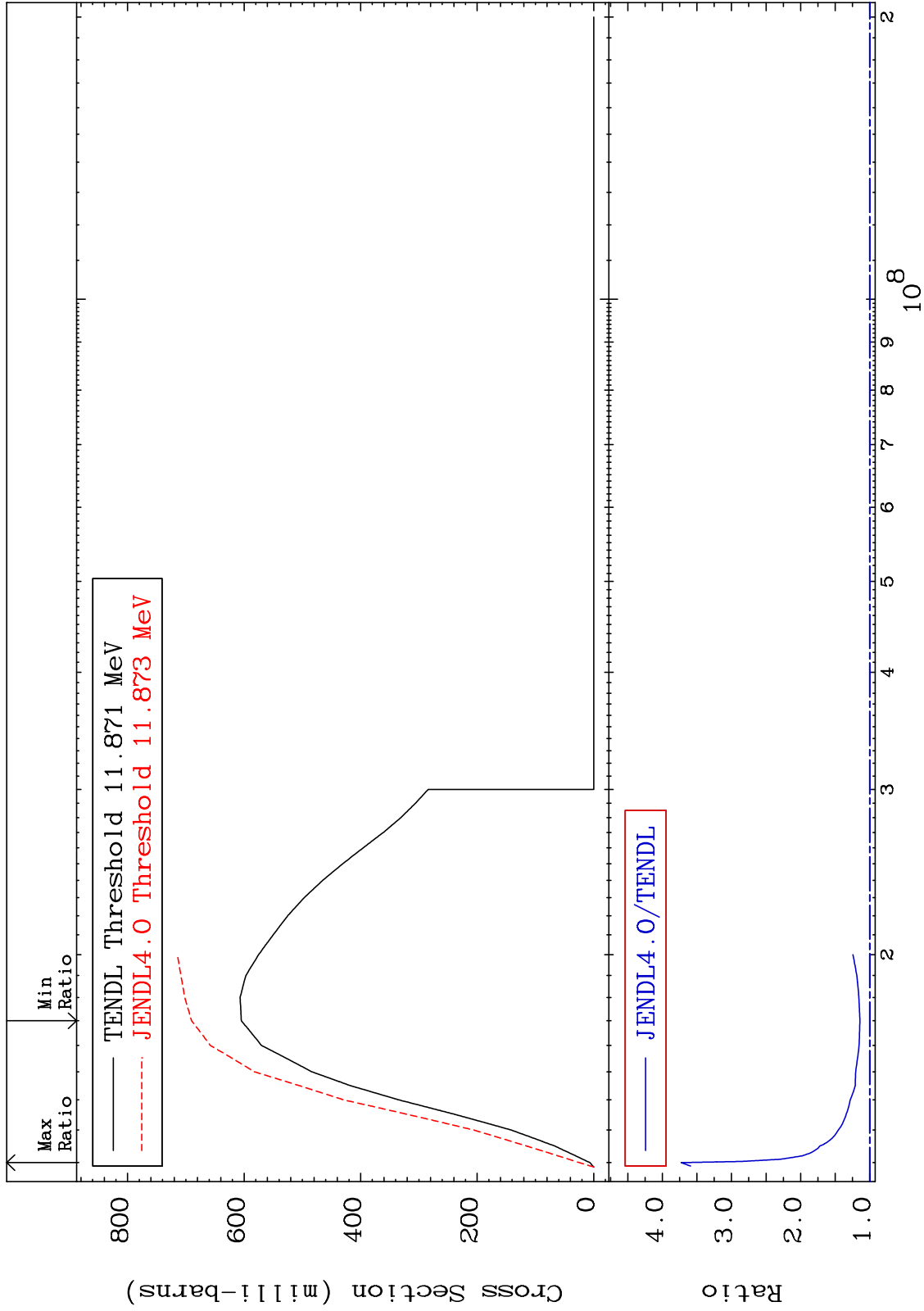
MAT 2231

(n,2n)

22-Ti-48

Cross Section

14.14 To 272.8 %



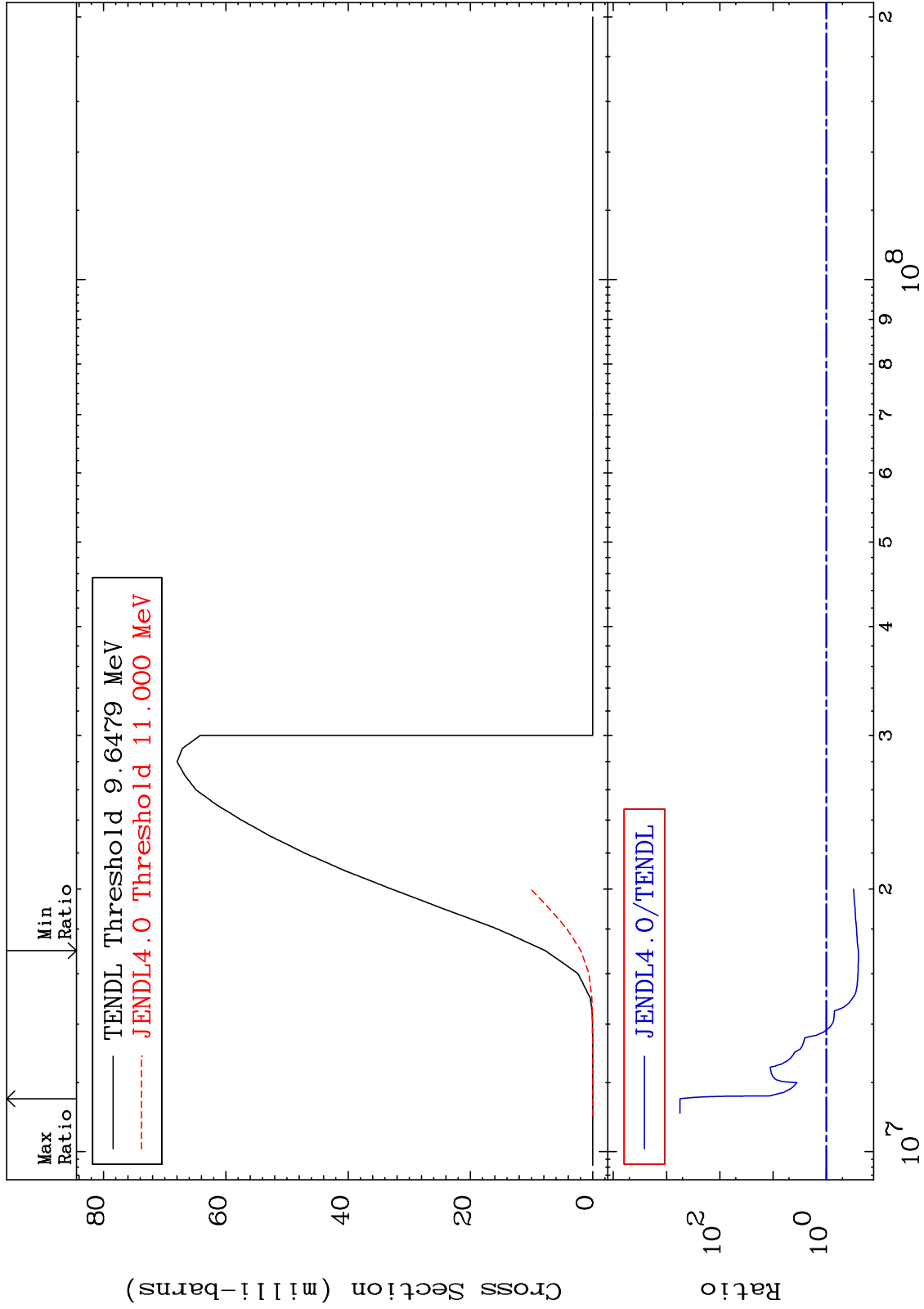
MAT 2231

(n,n') α

22-Ti-48

Cross Section

-75.02 To 9999. %



22-Ti-48

22-Ti-48

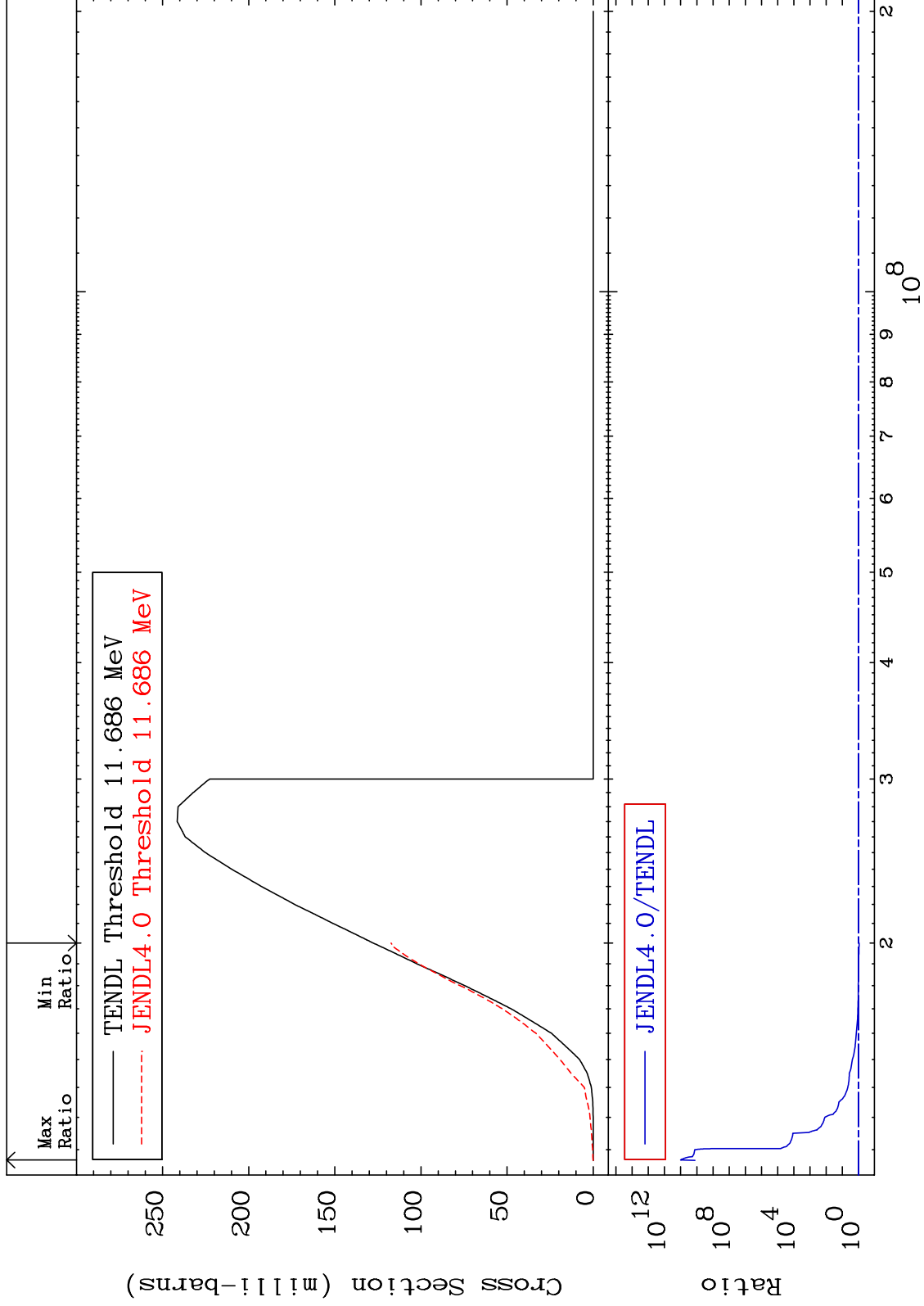
MAT 2231

(n,n') p

22-Ti-48

Cross Section

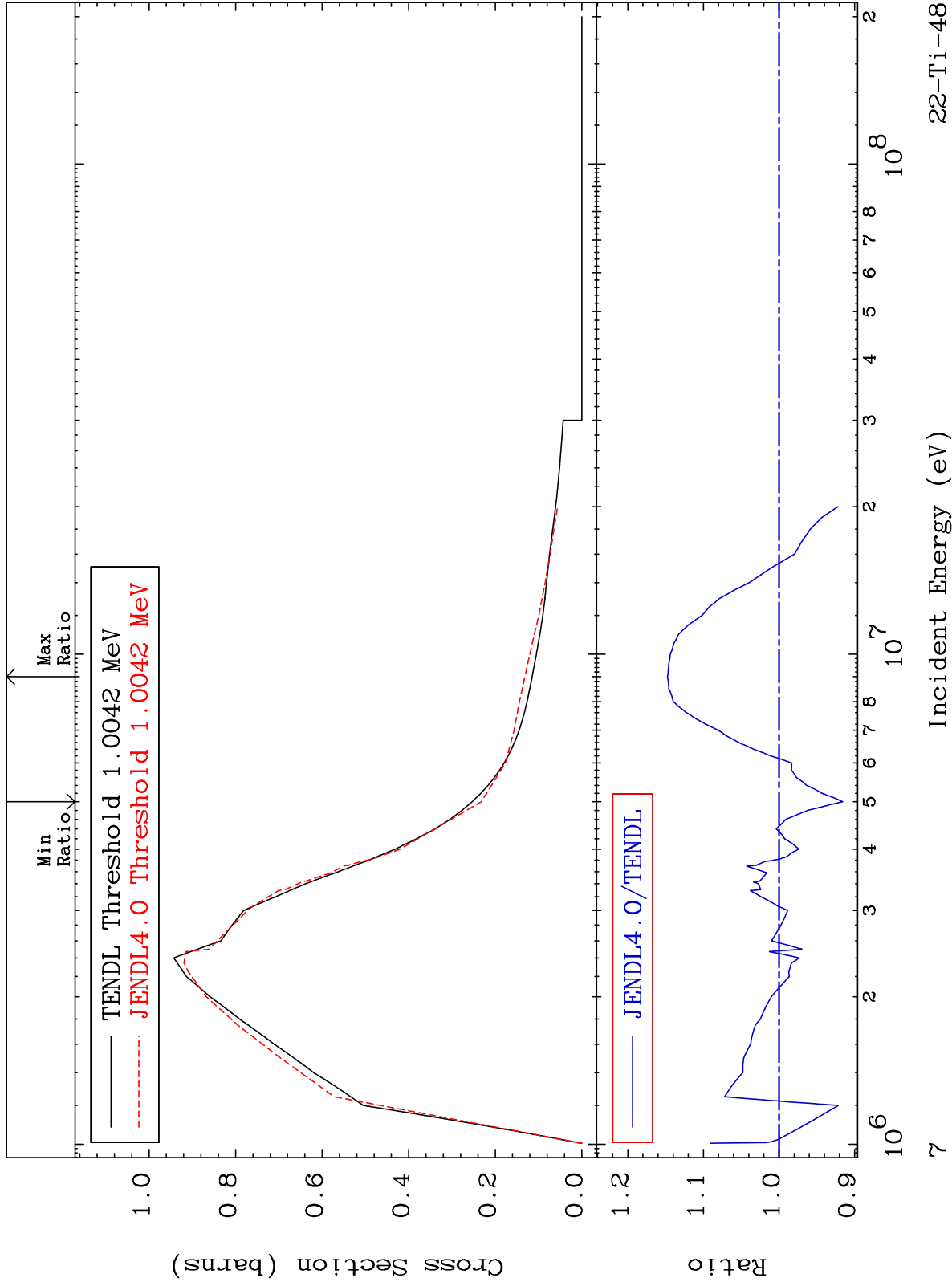
-8.193 To 9999. %



MAT 2231

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

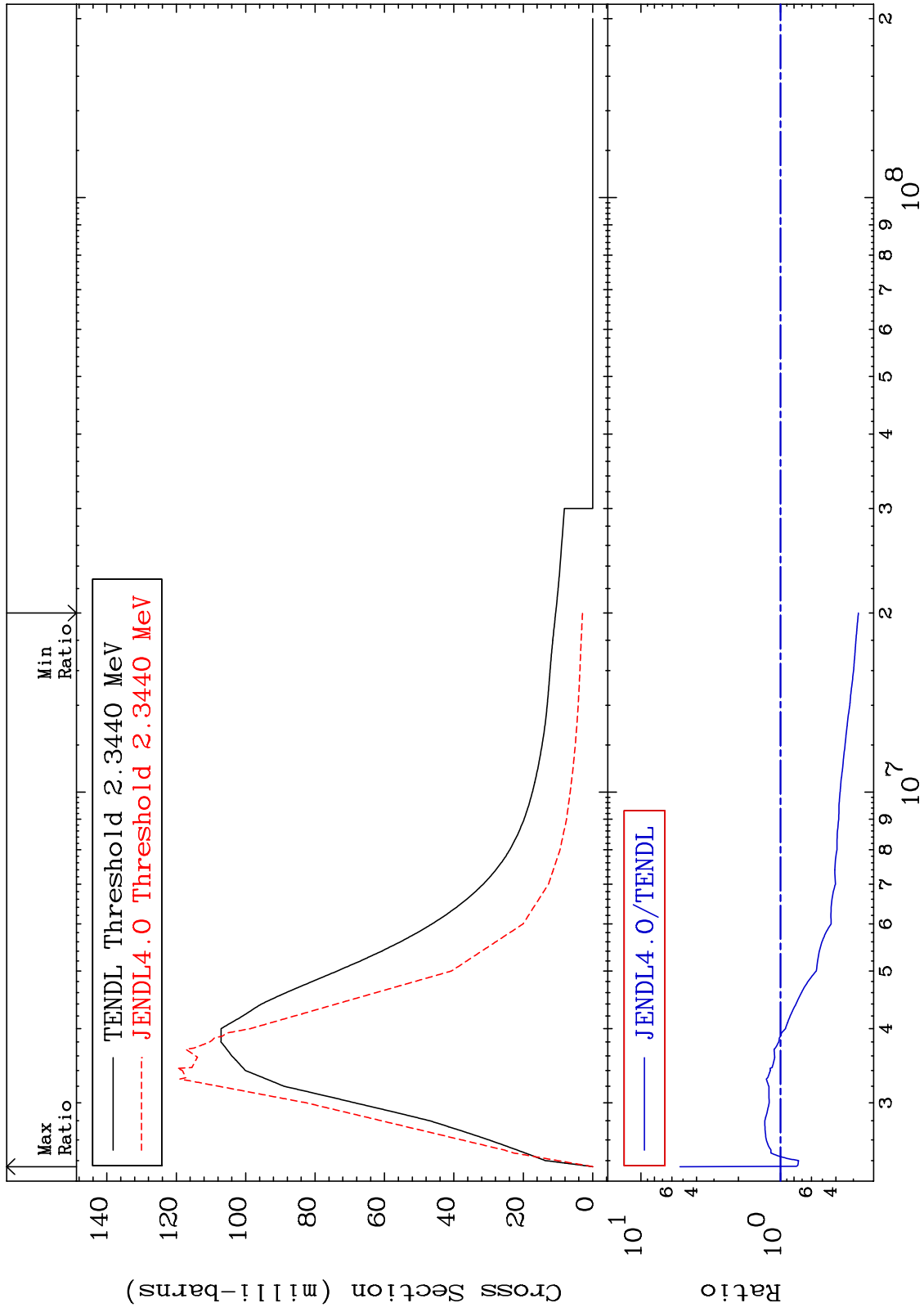
22-Ti-48
-8.418 To 14.74 %



MAT 2231

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

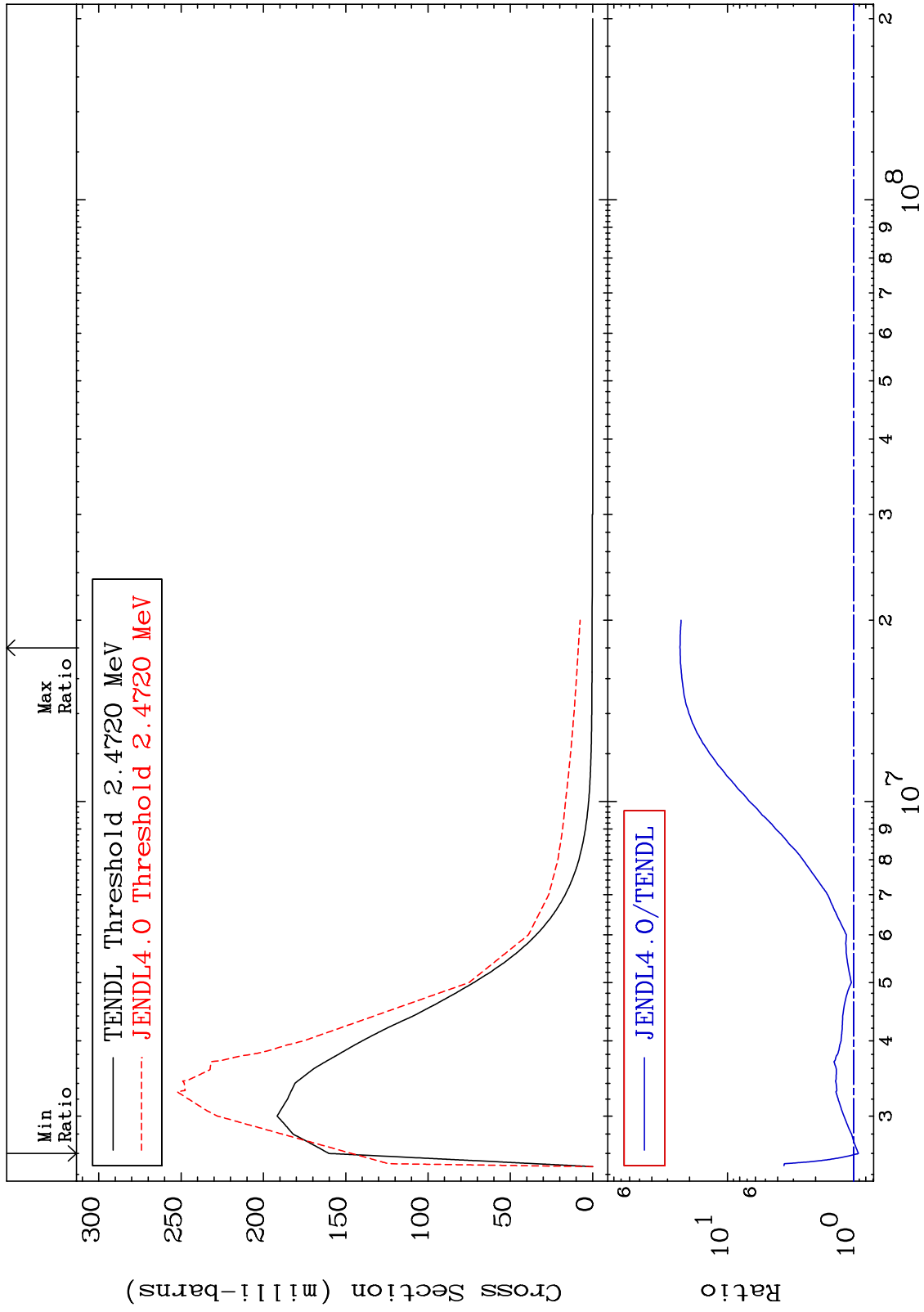
22-Ti-48
-72.39 To 425.0 %



MAT 2231

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

22-Ti-48
-8.641 To 2284. %



9

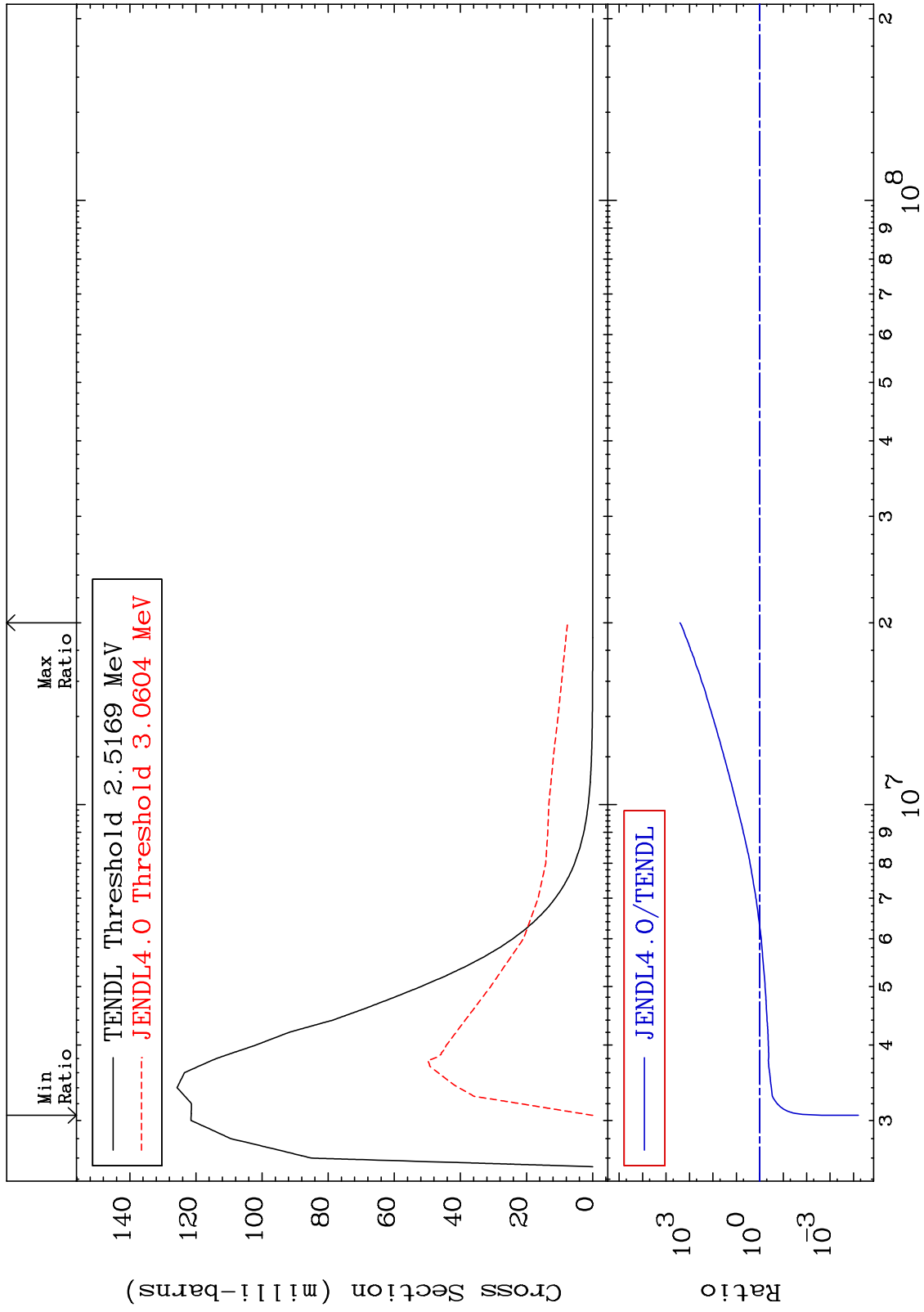
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.99 To 9999. %



10

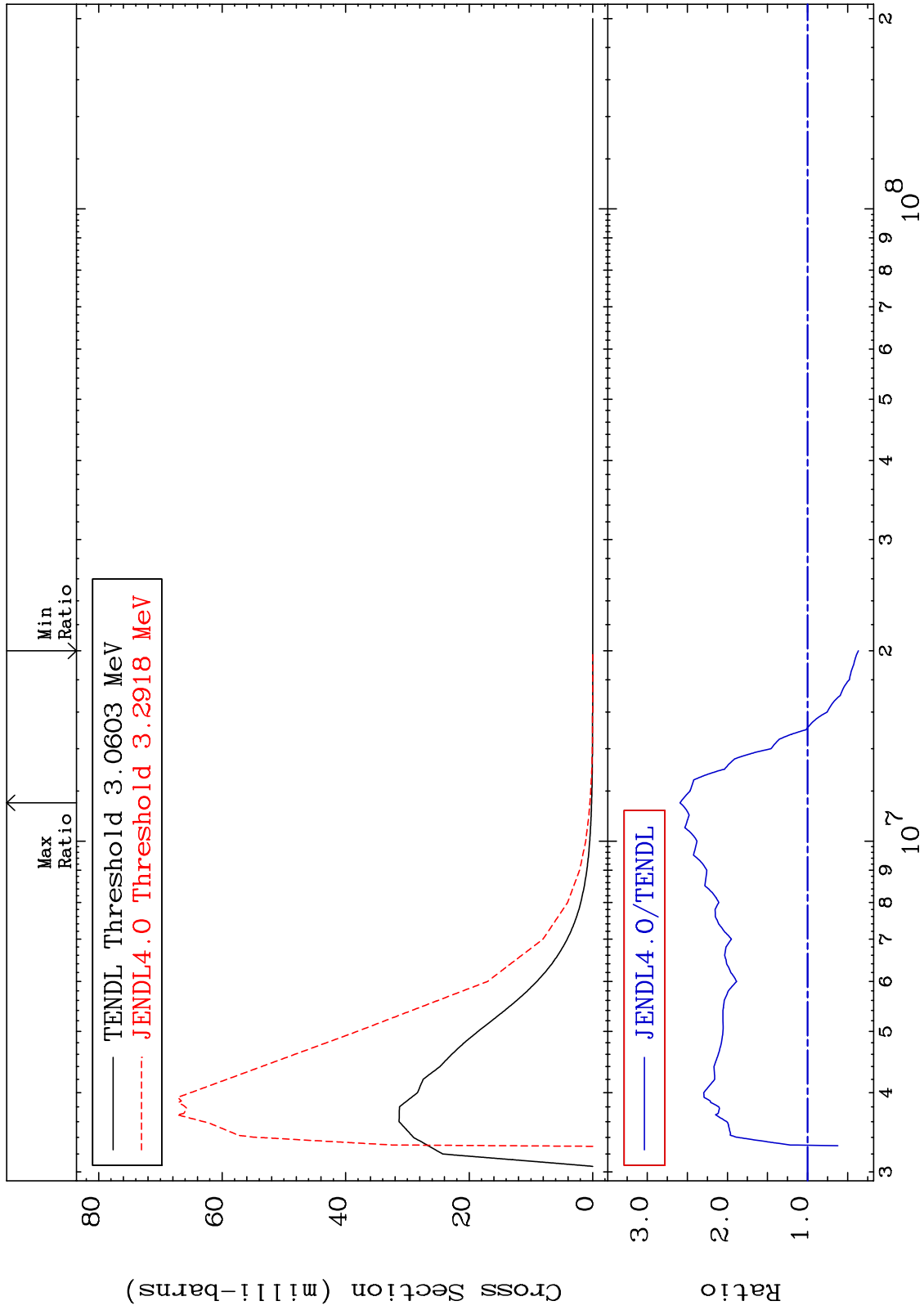
Incident Energy (eV)

22-Ti-48

MAT 2231

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

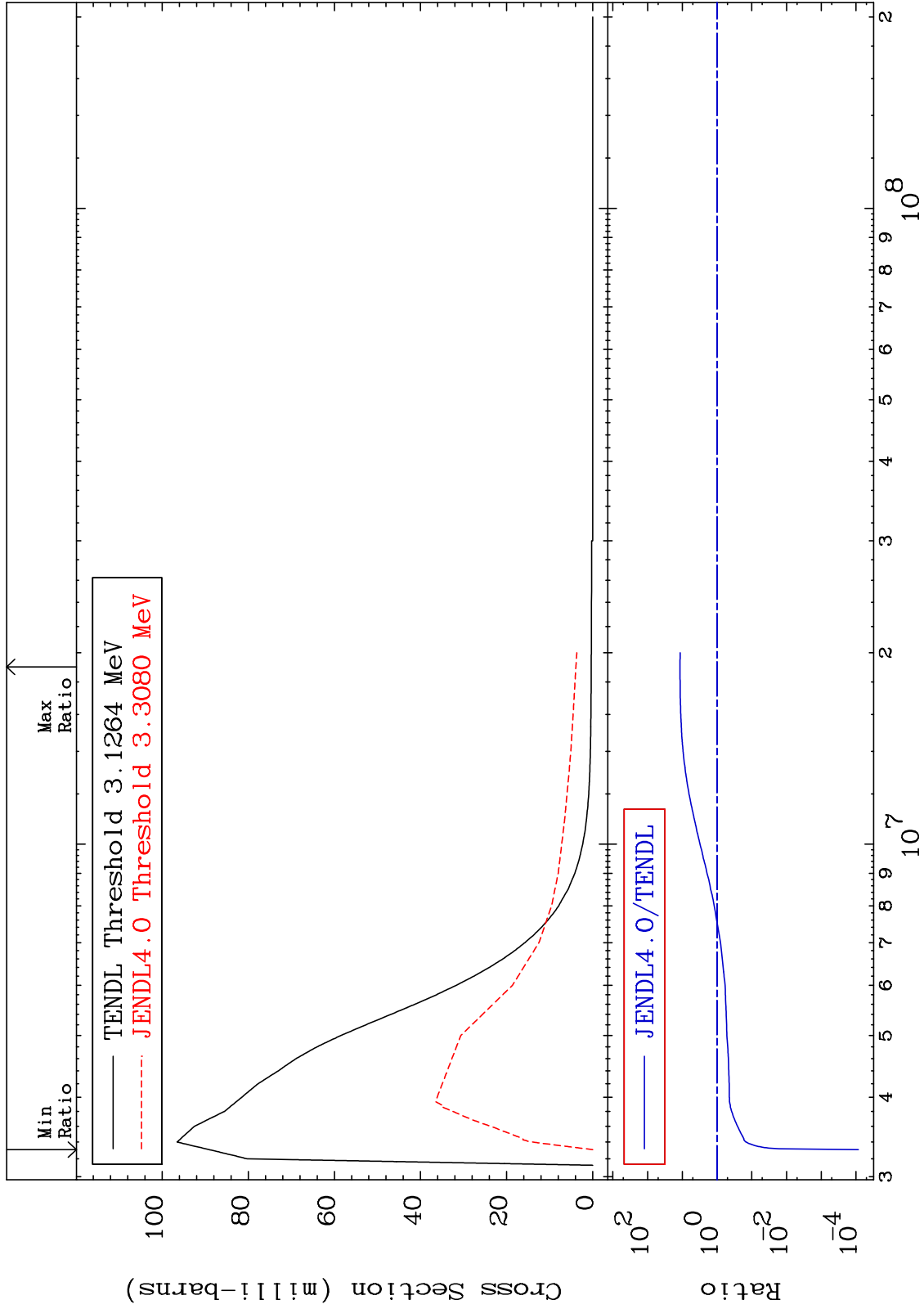
22-Ti-48
-63.46 To 159.1 %



MAT 2231

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

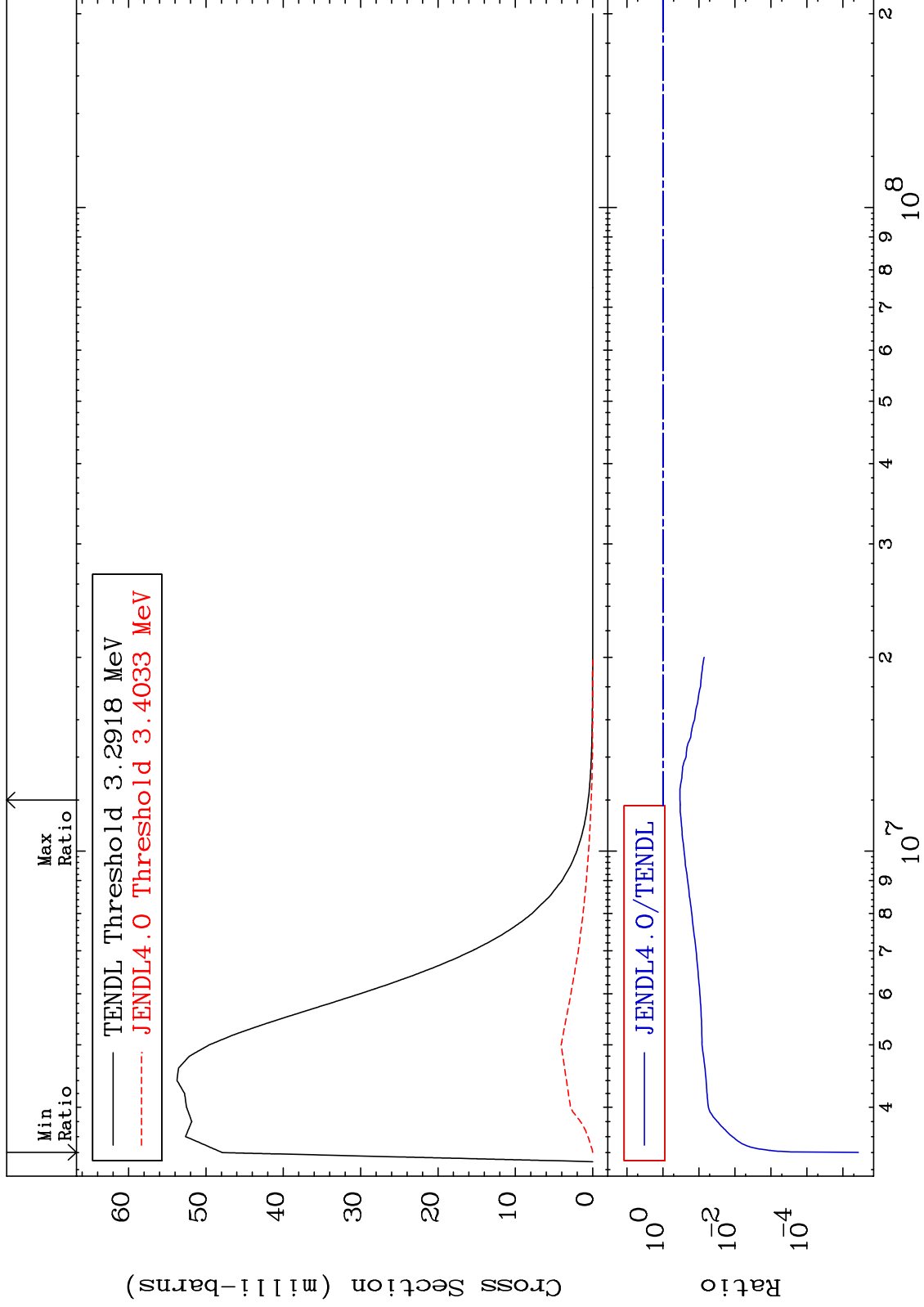
22-Ti-48
-99.99 To 1065. %



MAT 2231

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

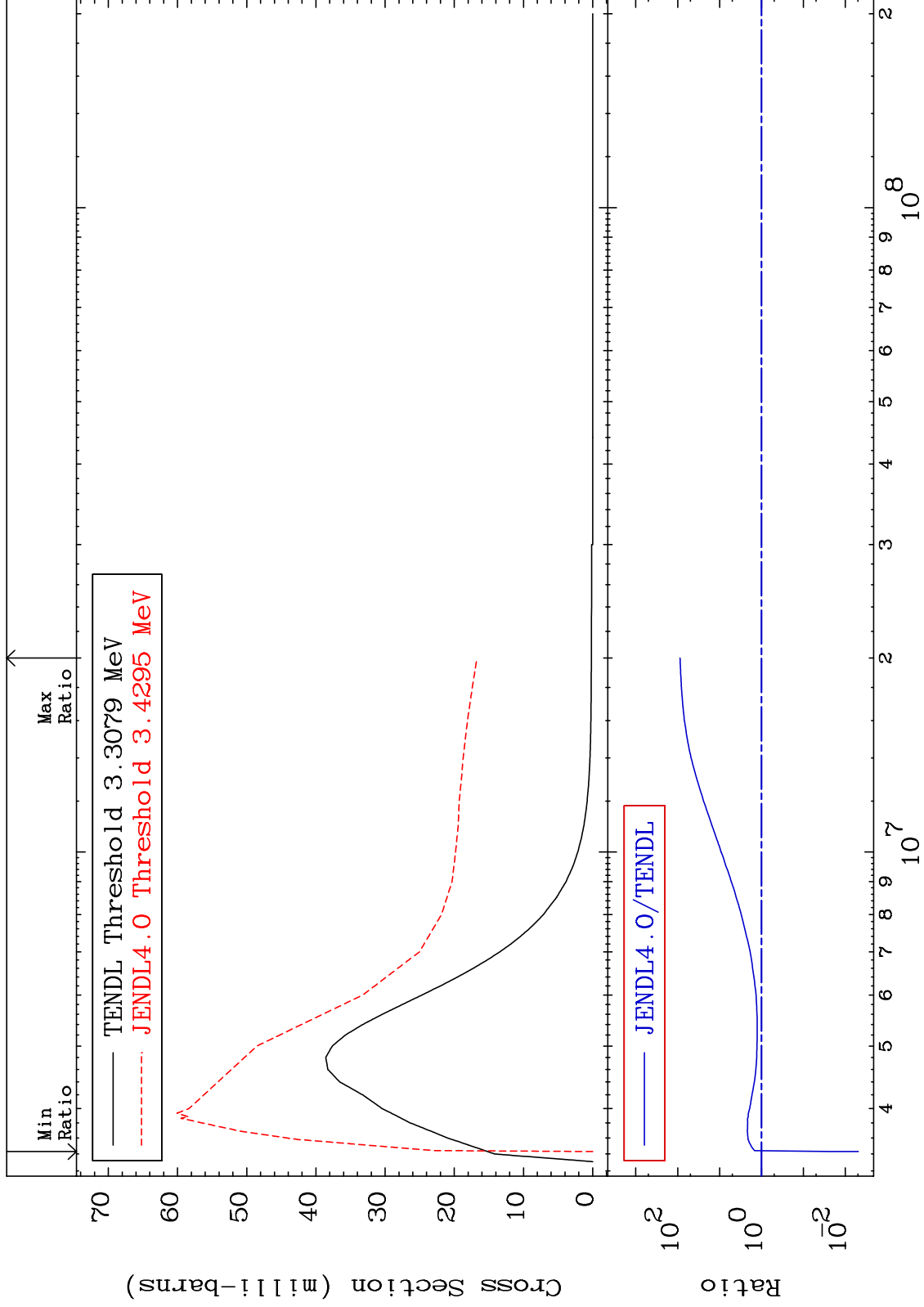
22-Ti-48
-100.0 To -66.61%



MAT 2231

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

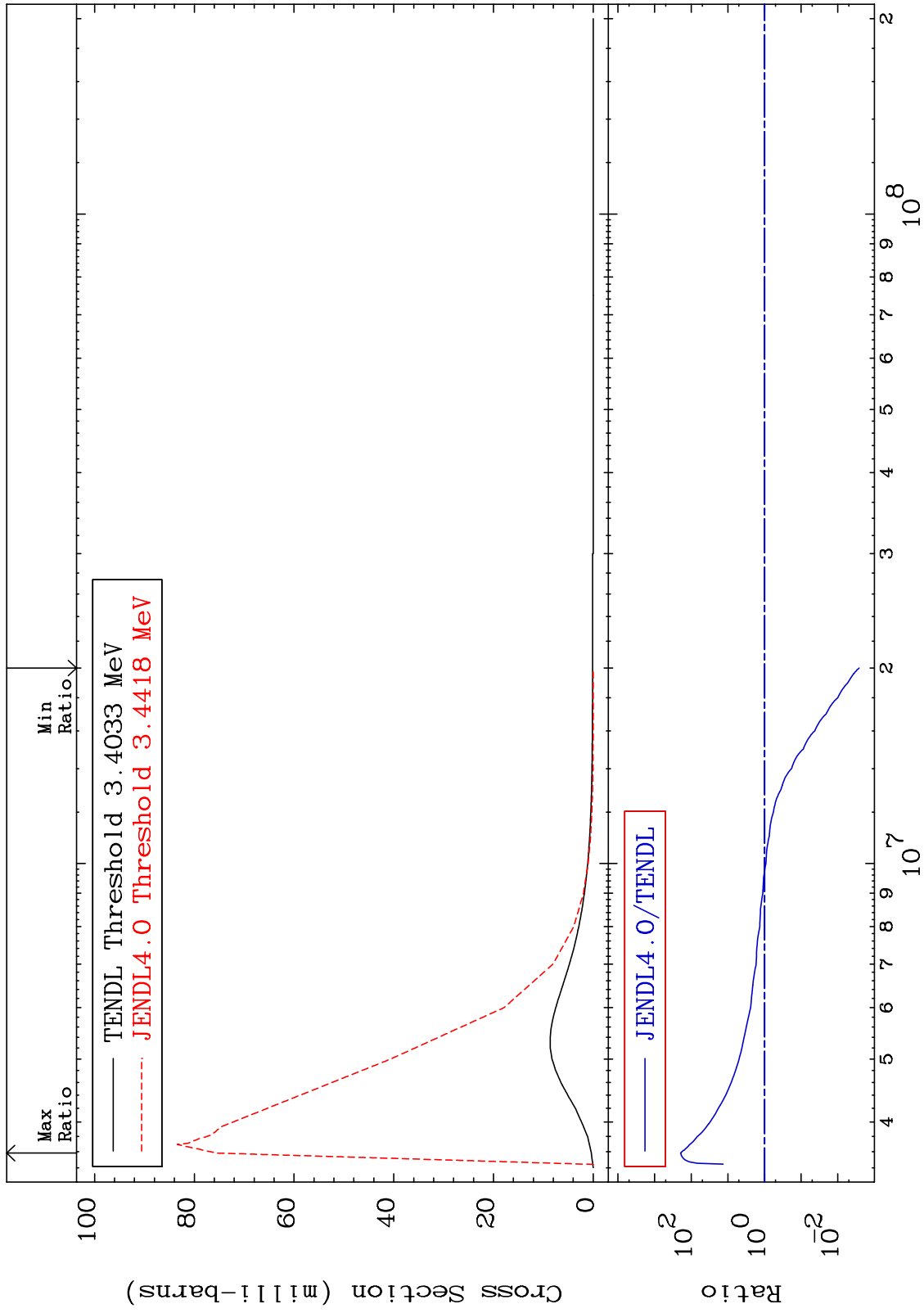
22-Ti-48
-99.51 To 8704. %



MAT 2231

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

22-Ti-48
-99.74 To 9999. %



15

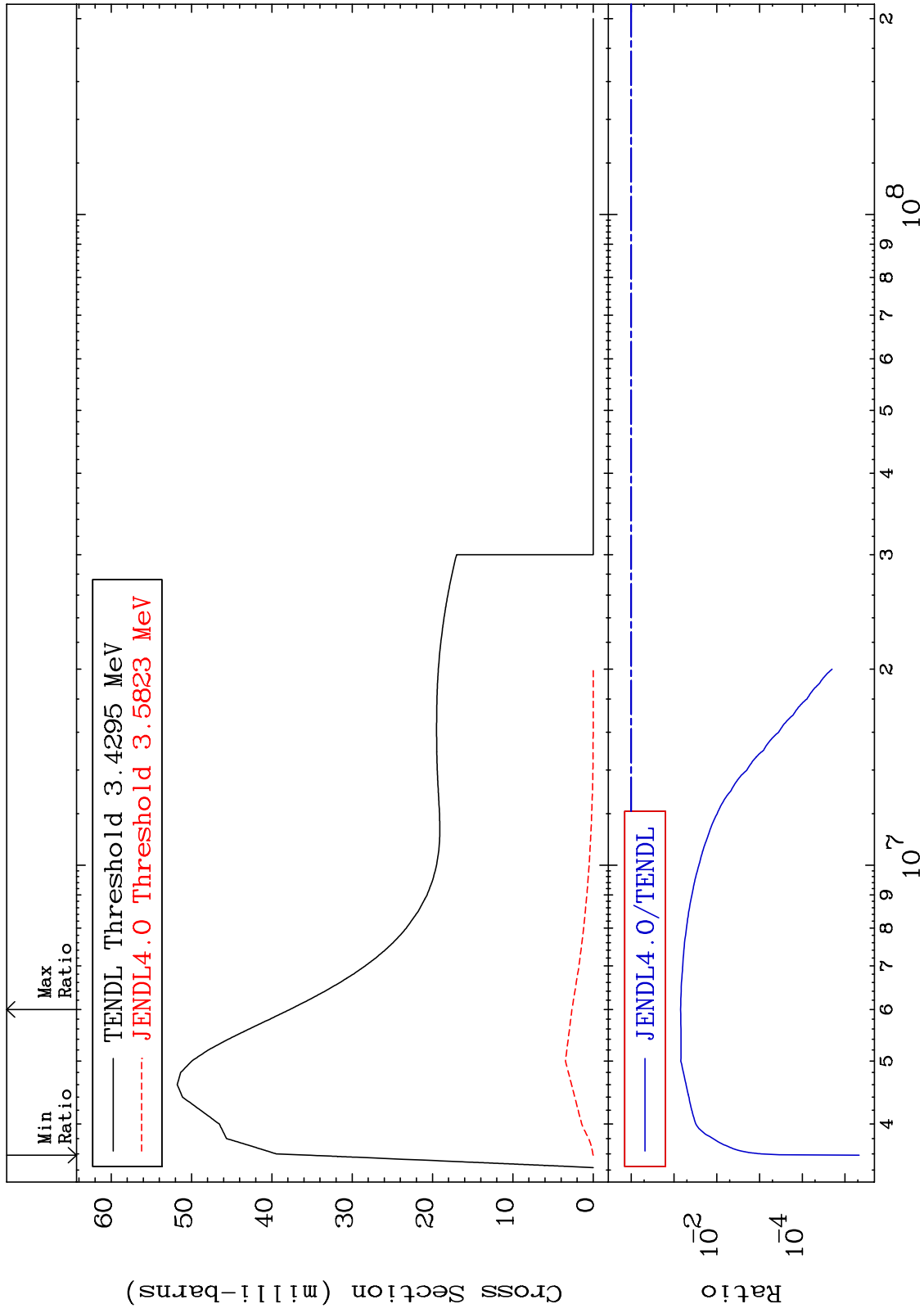
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-100.0 To -92.98%



16

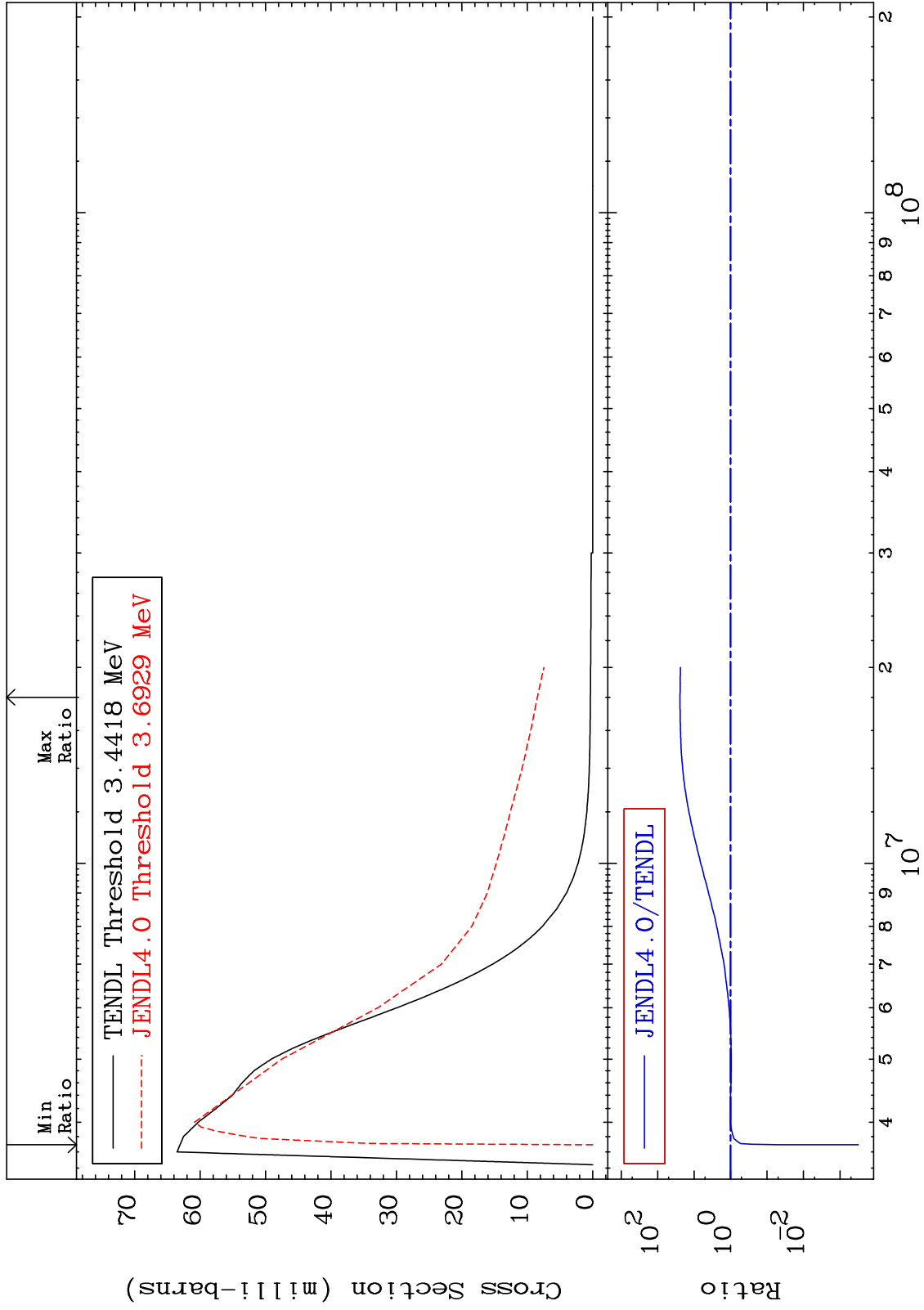
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.97 To 2339. %



17

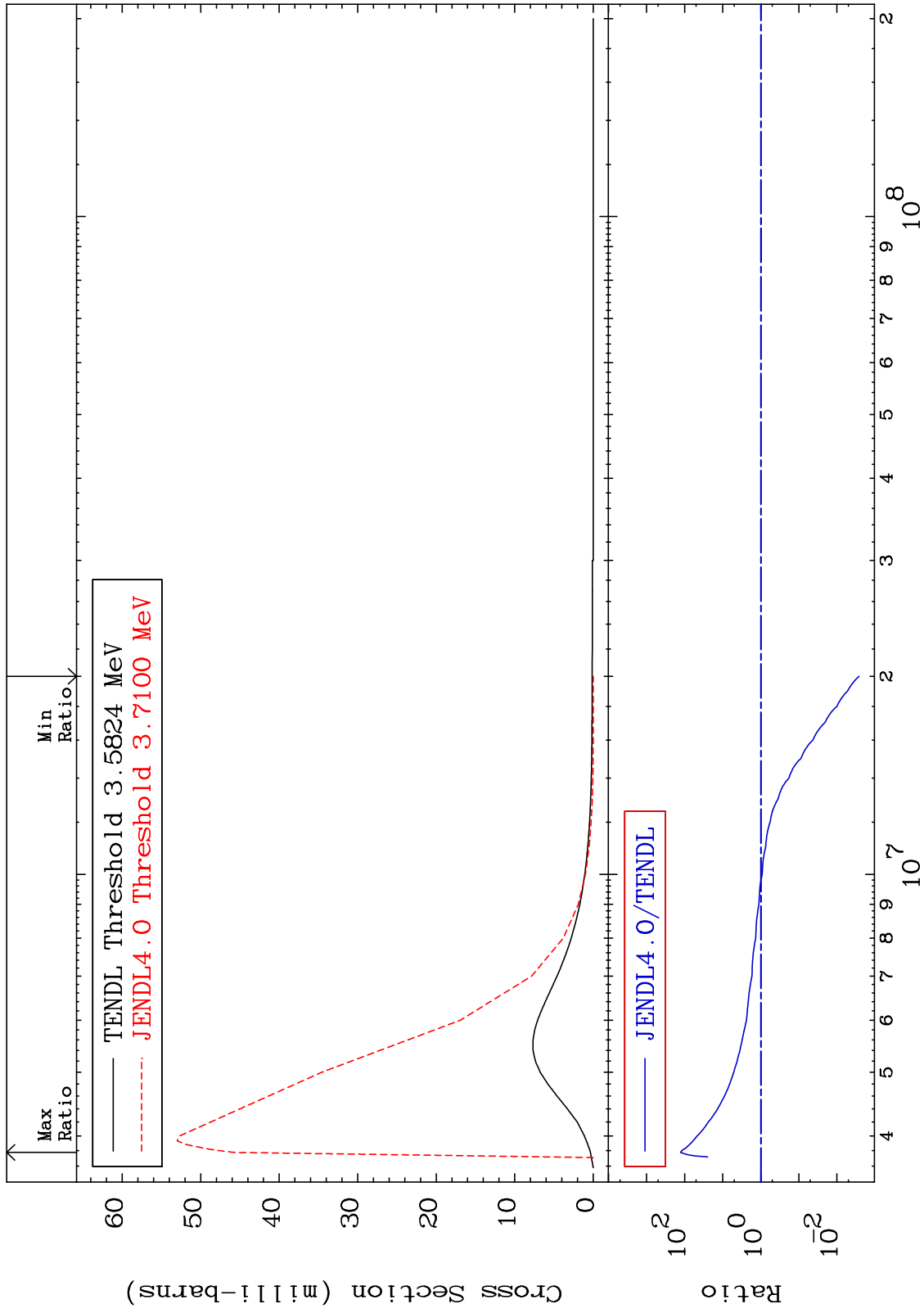
Incident Energy (eV)

22-Ti-48

MAT 2231

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

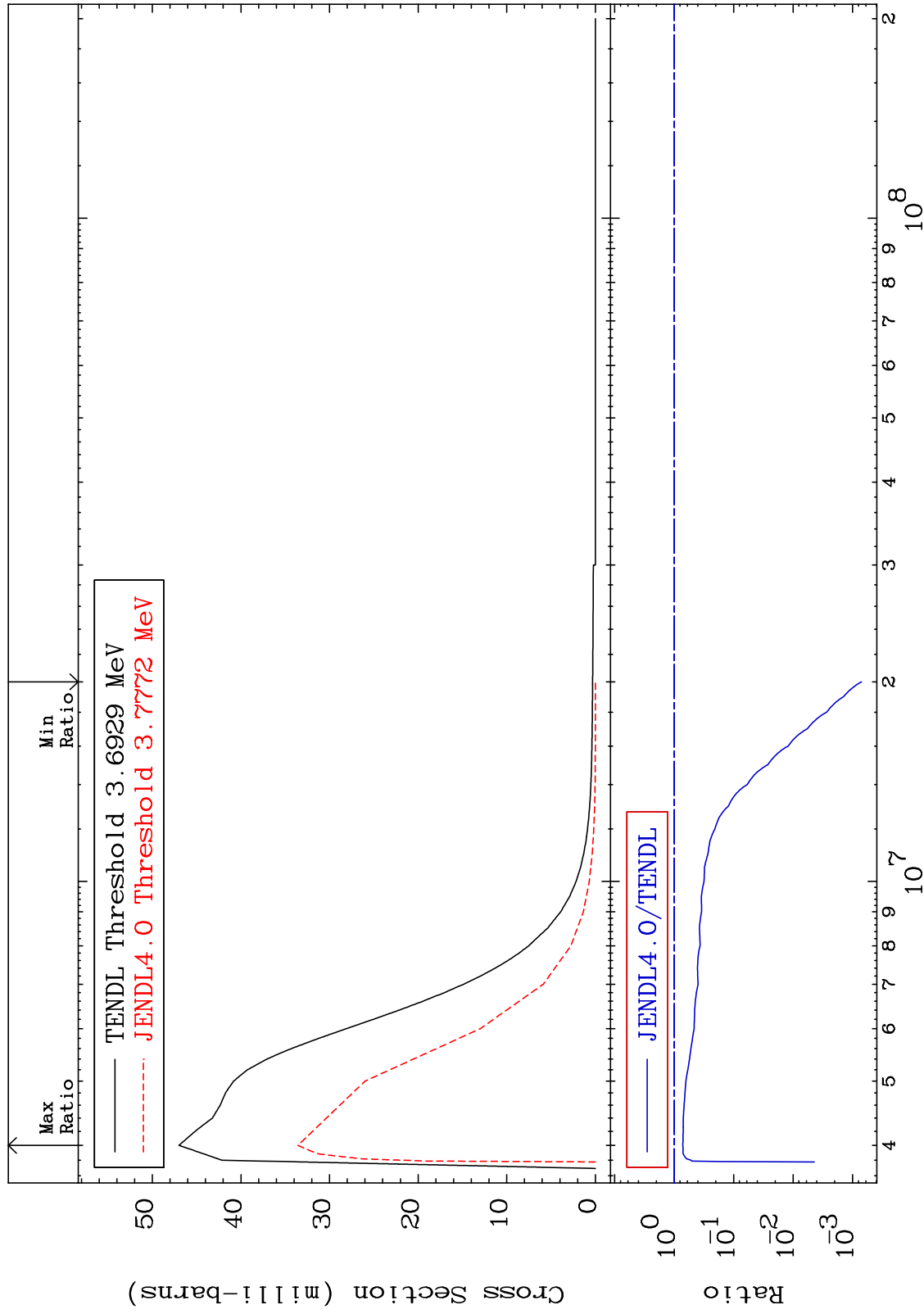
22-Ti-48
-99.74 To 9999. %



MAT 2231

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

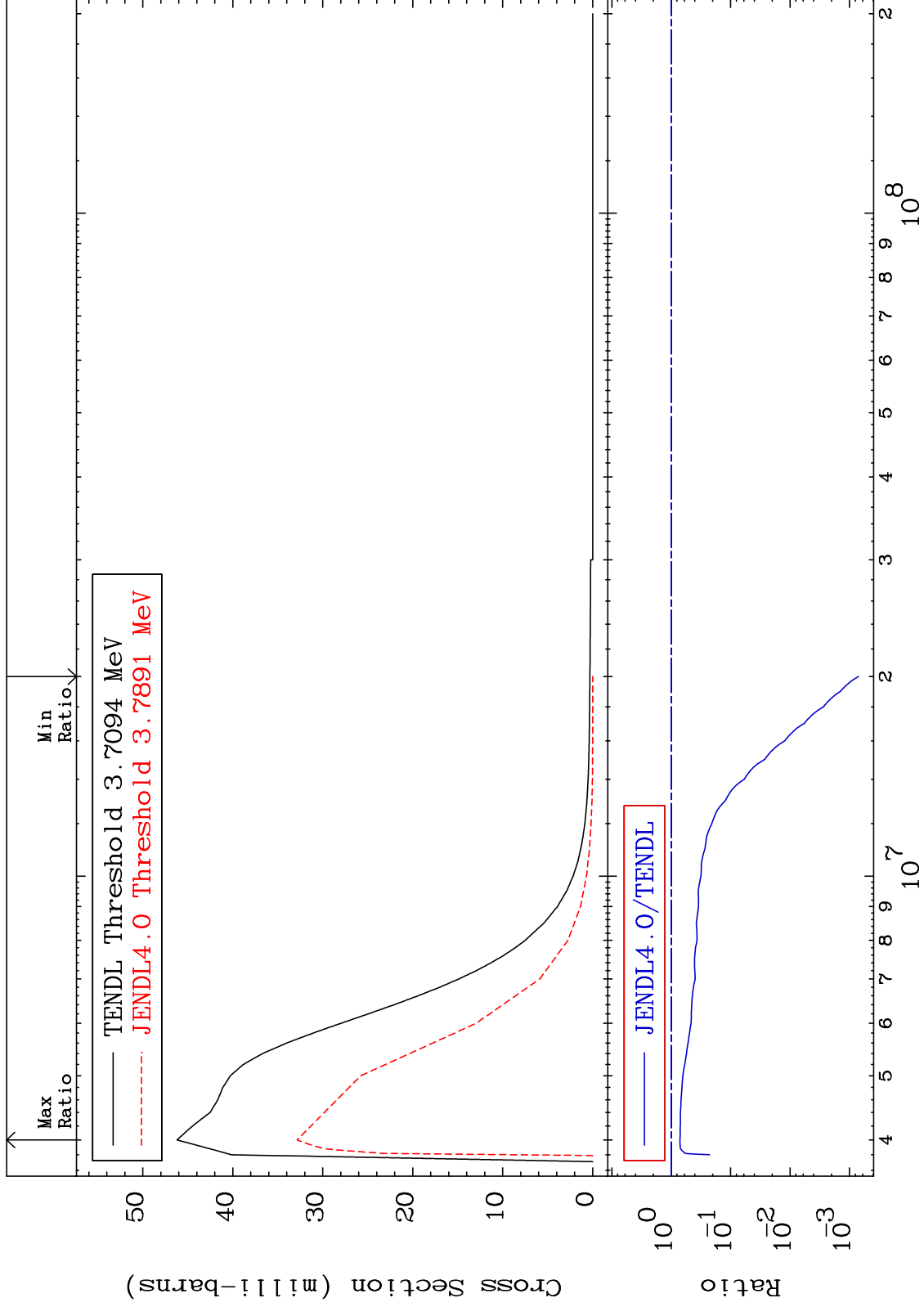
22-Ti-48
-99.93 To -28.55%



MAT 2231

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

22-Ti-48
-99.93 To -28.88%



20

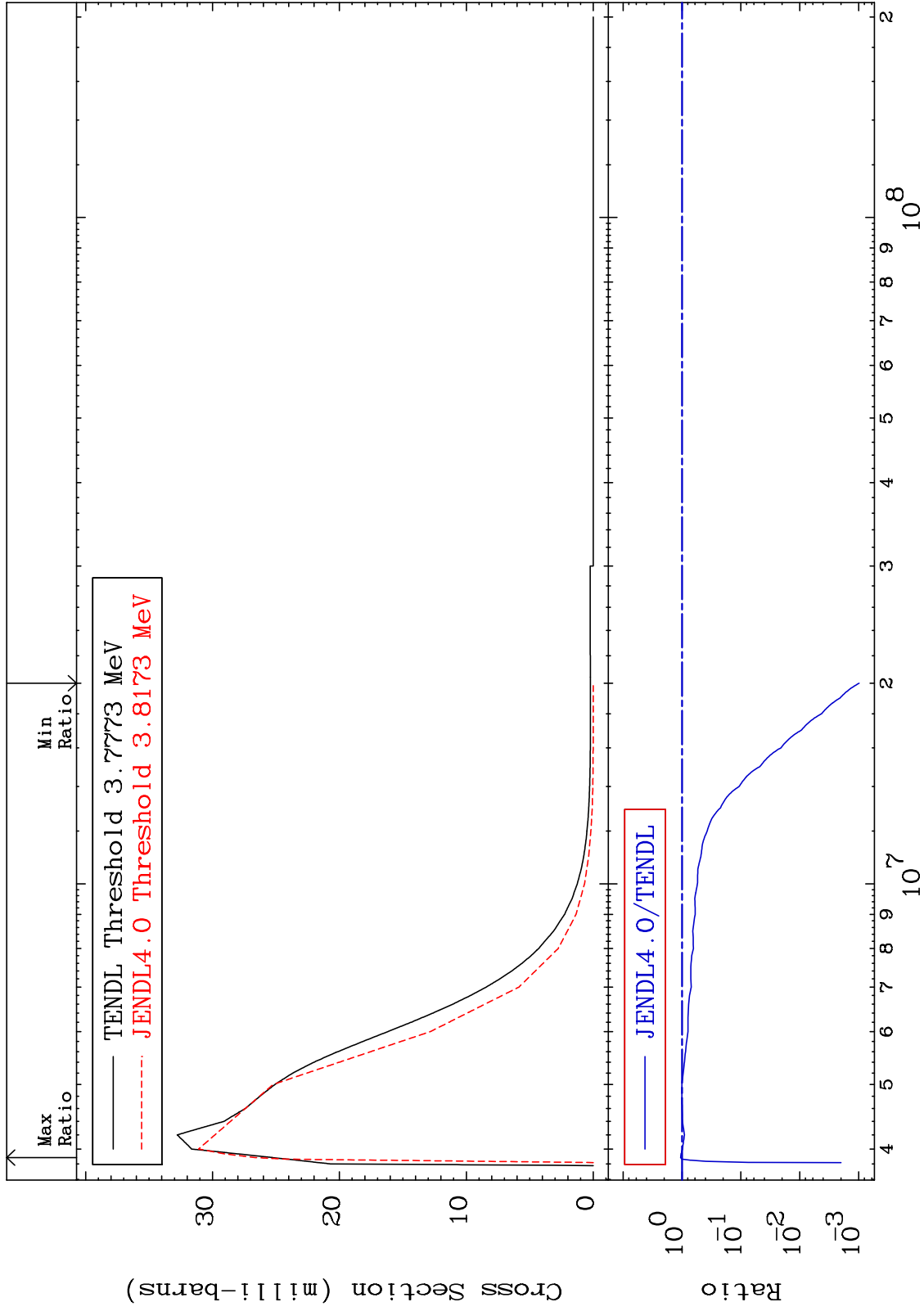
Incident Energy (eV)

22-Ti-48

MAT 2231

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

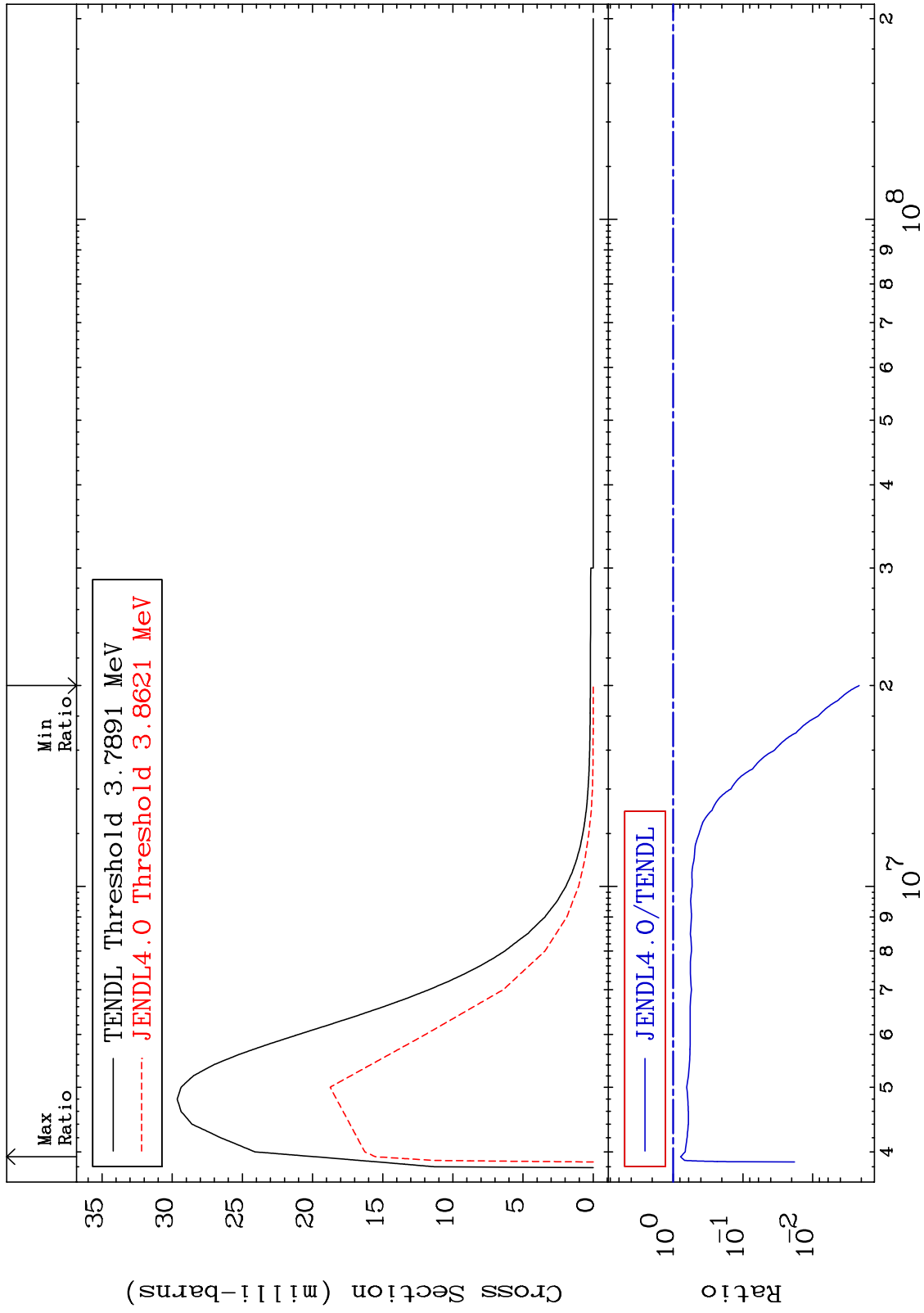
22-Ti-48
-99.90 To 5.444 %



MAT 2231

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

22-Ti-48
-99.78 To -21.80%



22

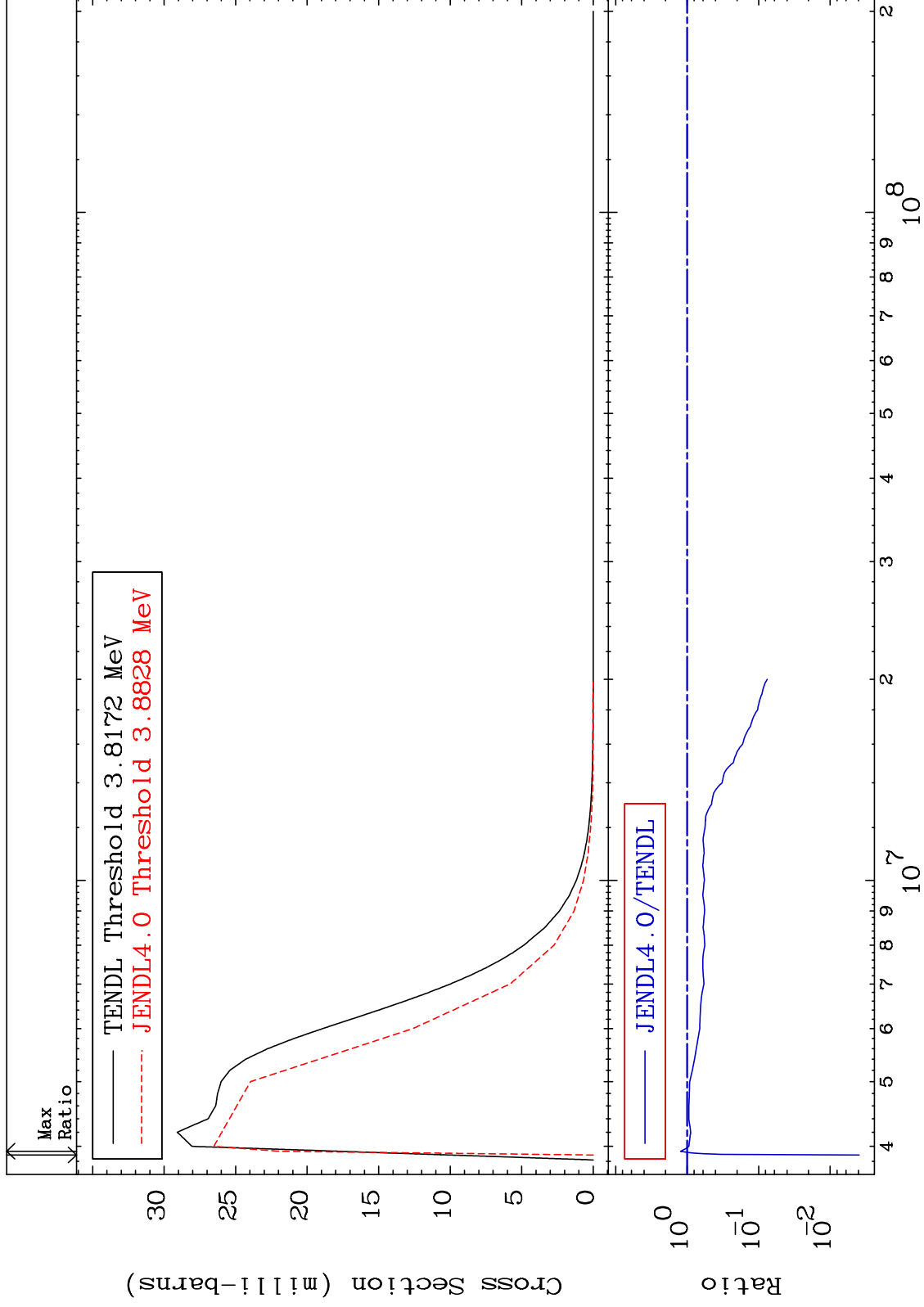
Incident Energy (eV)

22-Ti-48

MAT 2231

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

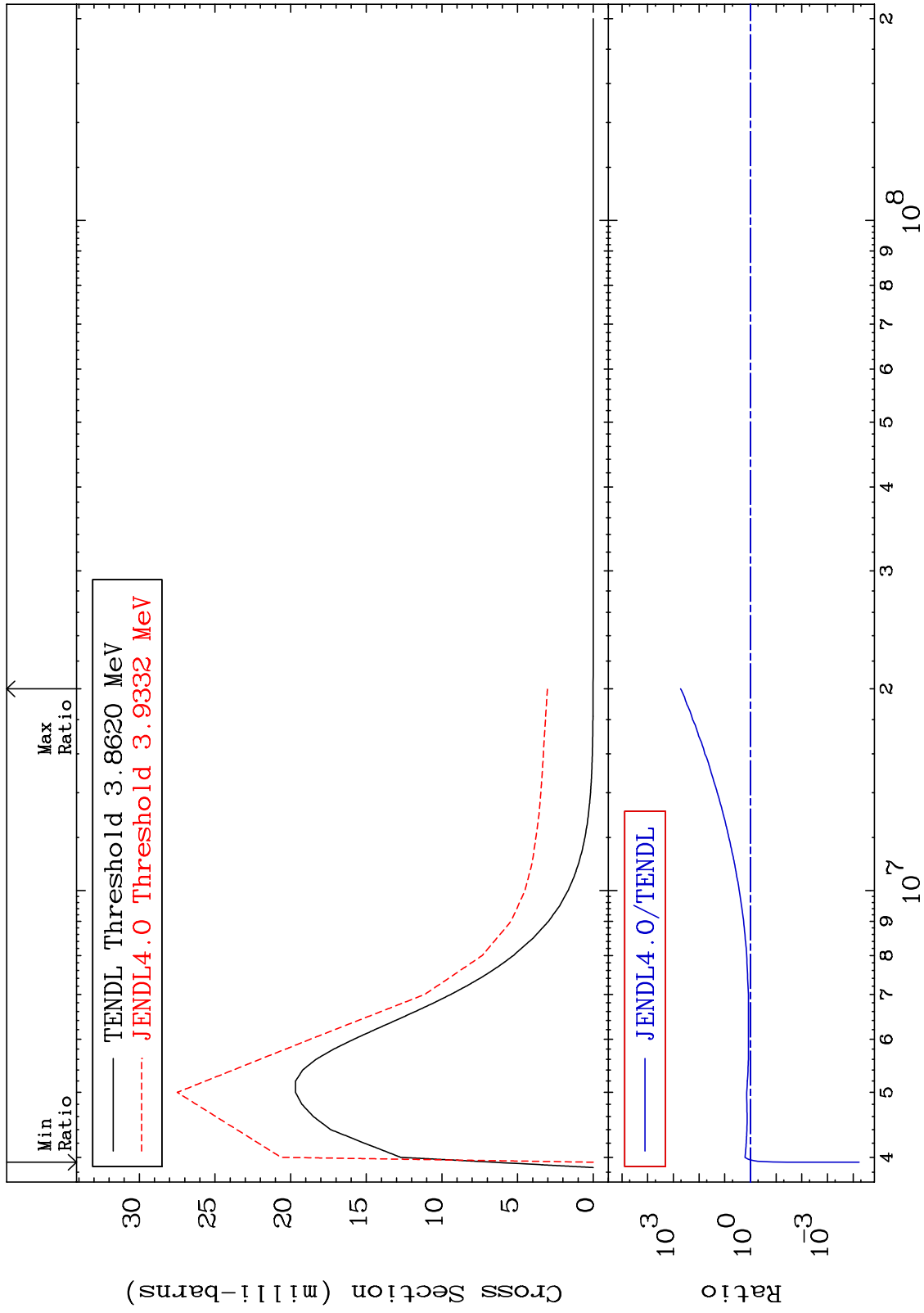
22-Ti-48
-99.61 To 23.28 %



MAT 2231

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

22-Ti-48
-99.99 To 9999. %



24

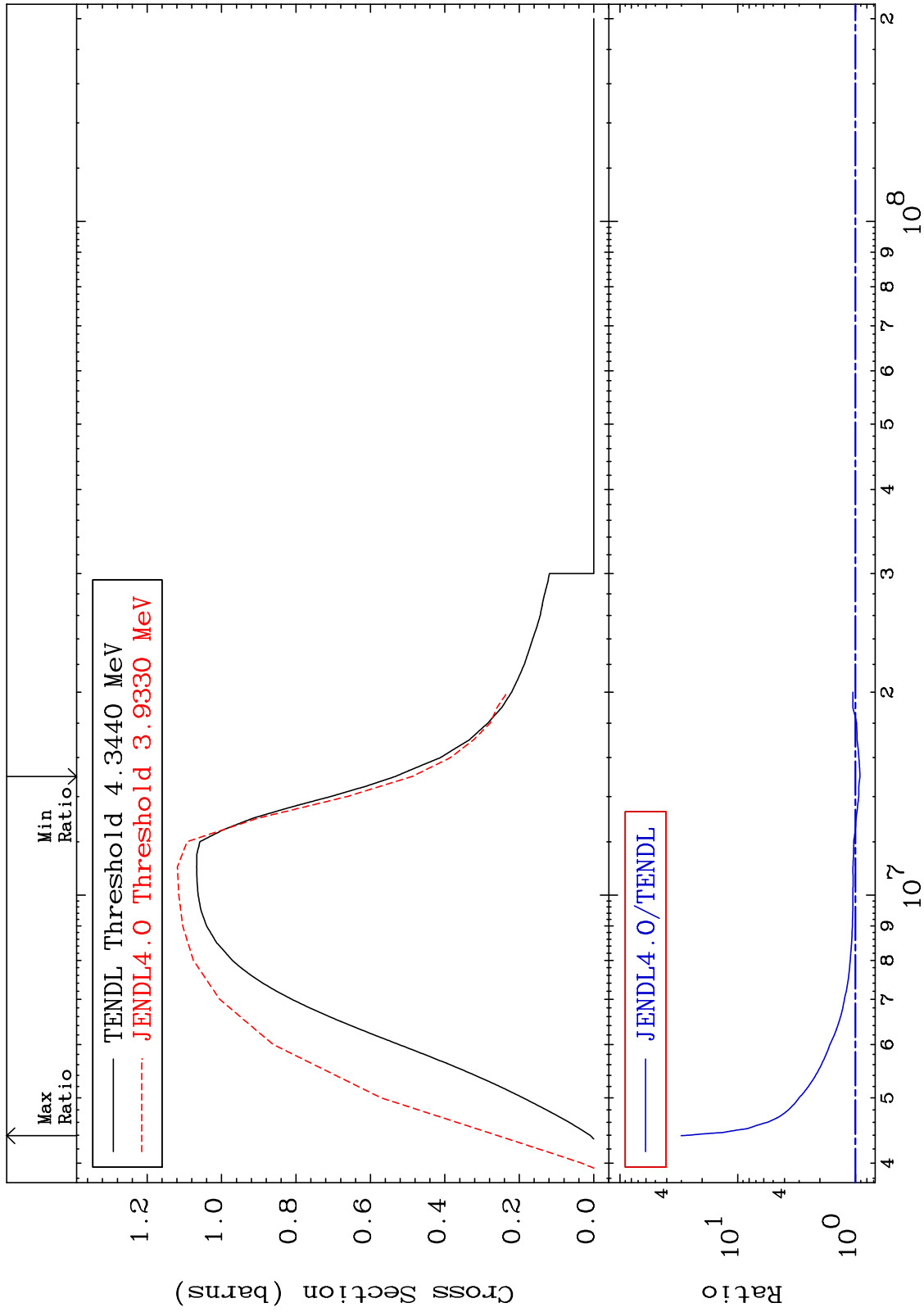
Incident Energy (eV)

22-Ti-48

MAT 2231

(n,n') Continuum
Cross Section

22-Ti-48
-8.470 To 2914. %



25

Incident Energy (eV)

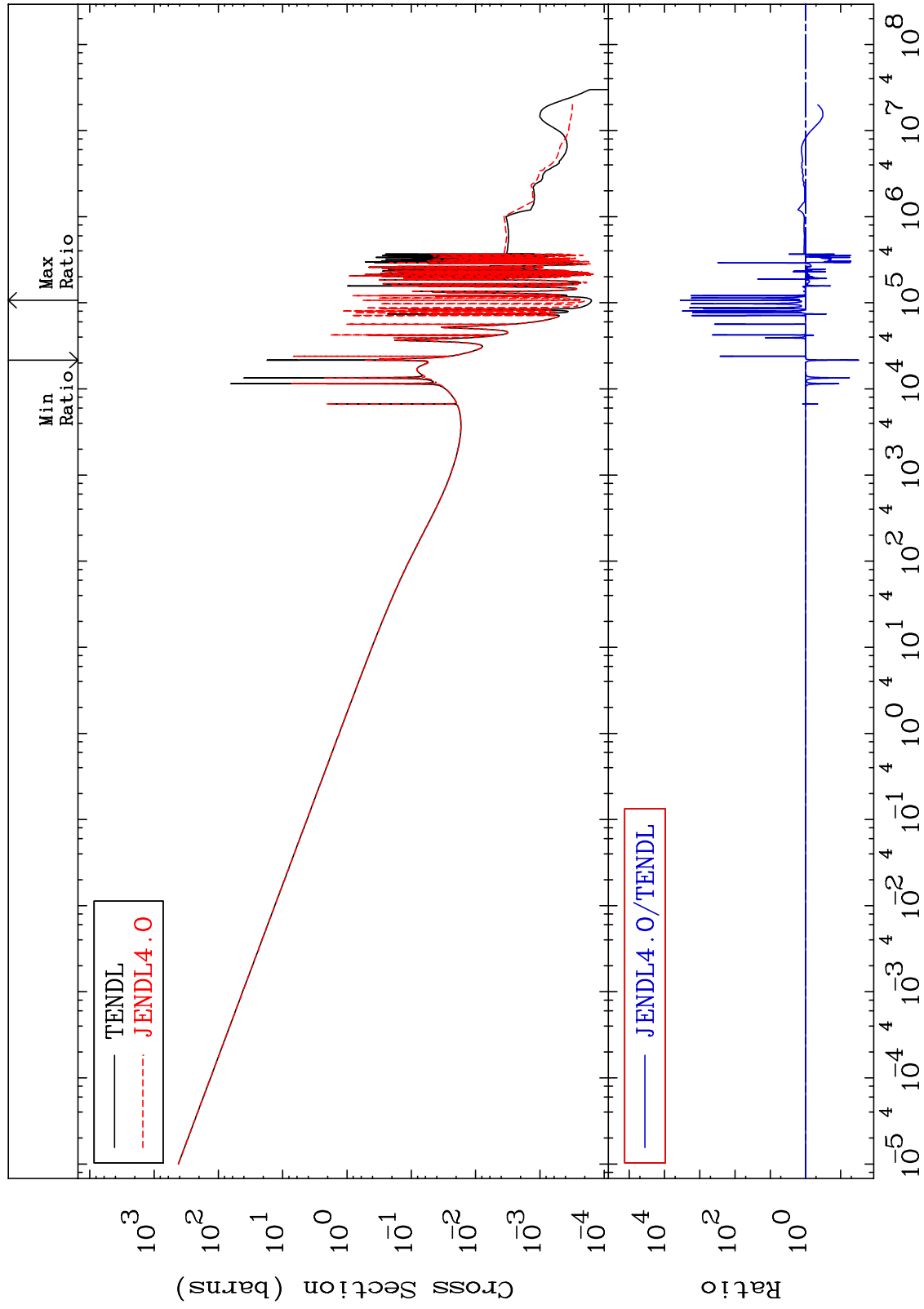
22-Ti-48

MAT 2231

(n, γ)
Cross Section

22-Ti-48

-96.88 To 9999. %



22-Ti-48

Incident Energy (eV)

26

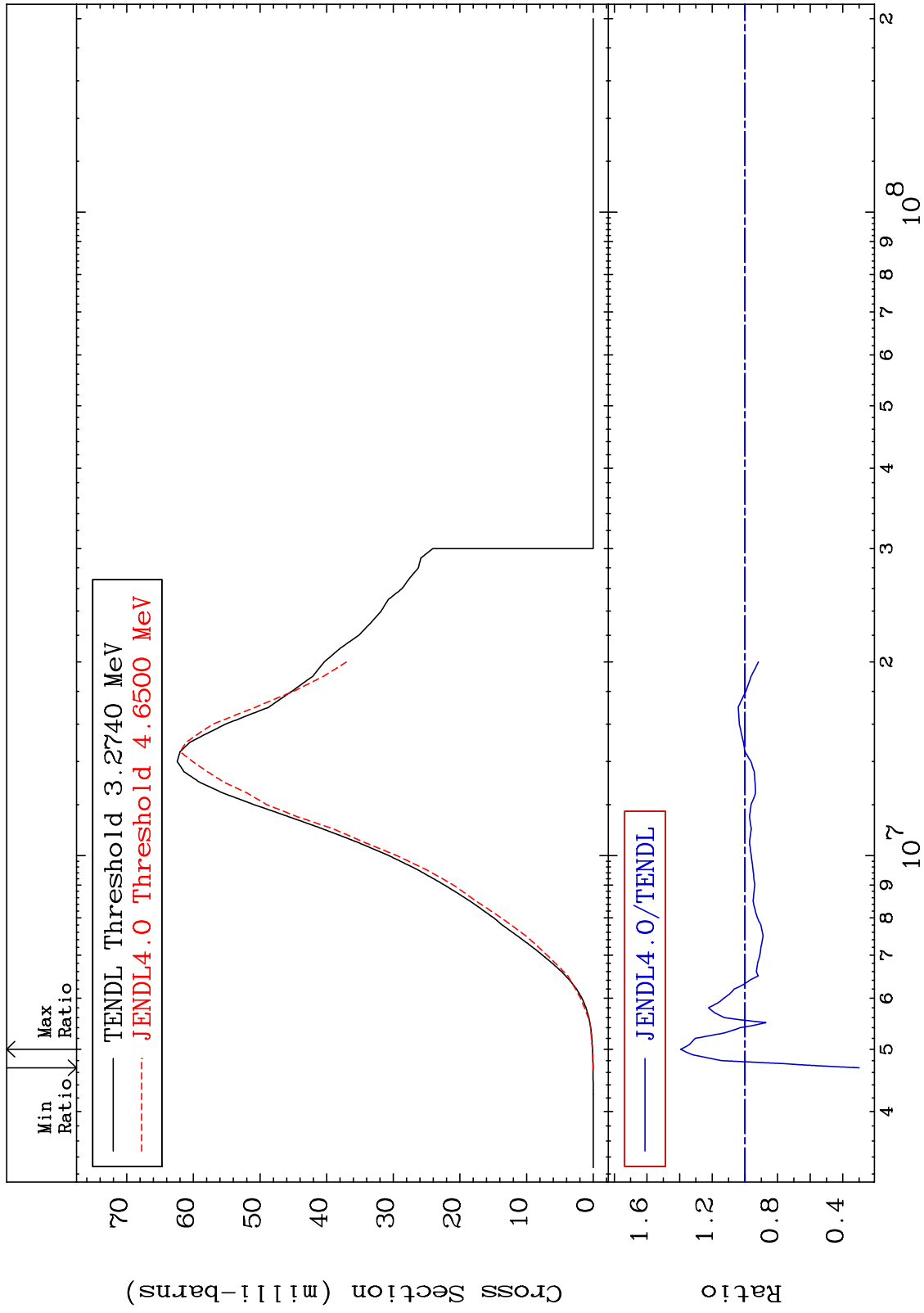
MAT 2231

(n,p)

22-Ti-48

Cross Section

-69.99 To 39.38 %



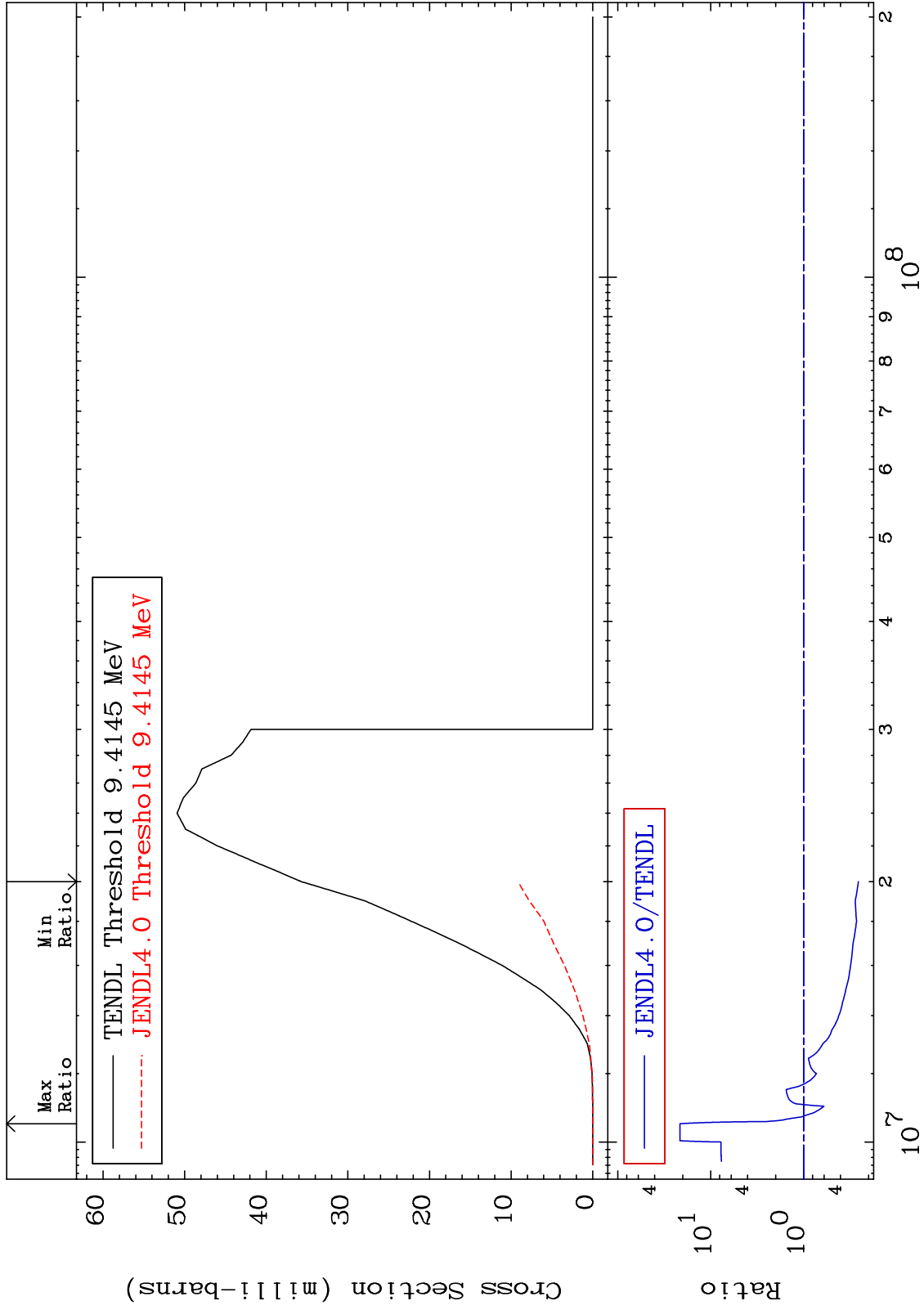
MAT 2231

(n,d)

22-Ti-48

Cross Section

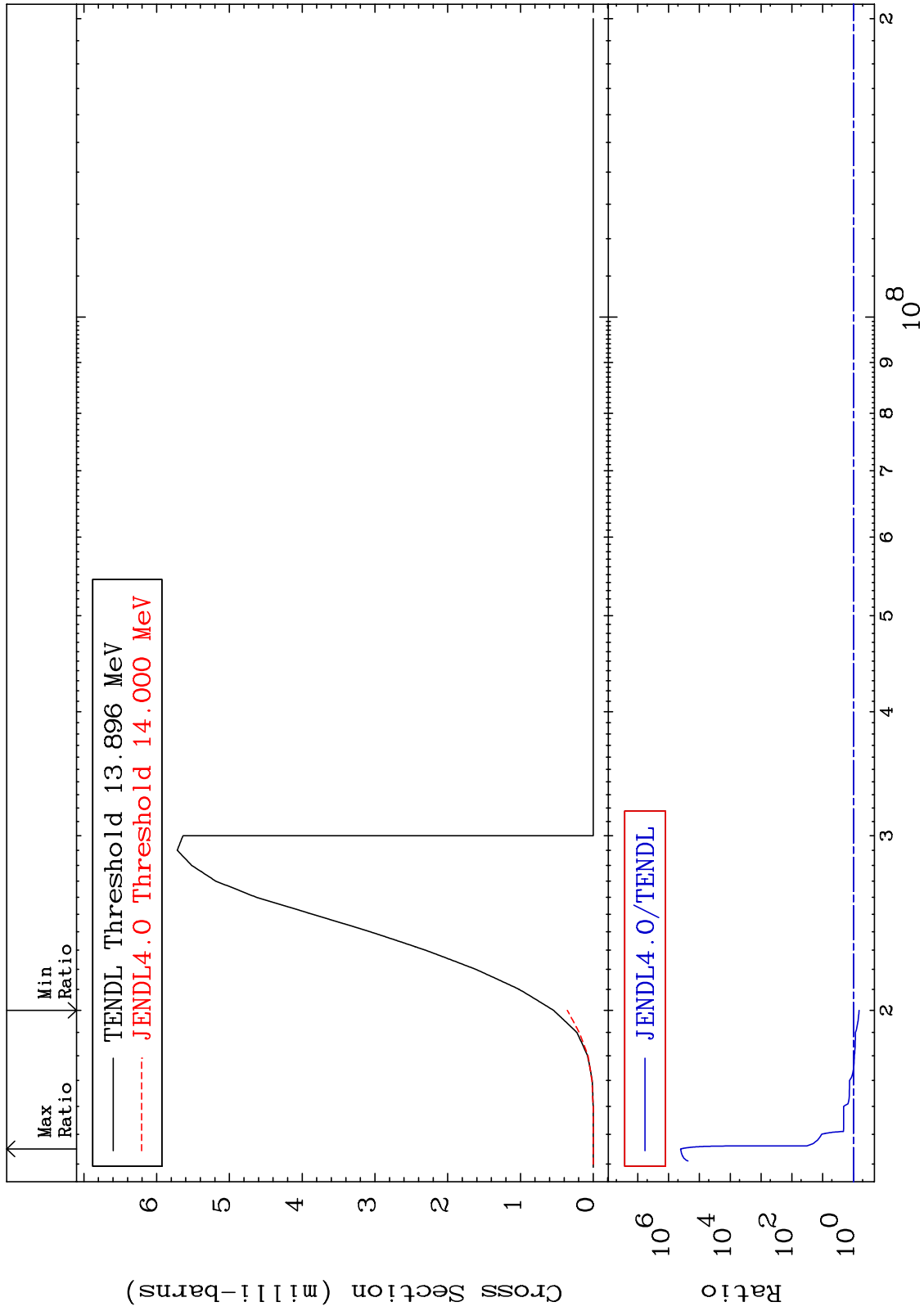
-74.28 To 2039. %



28

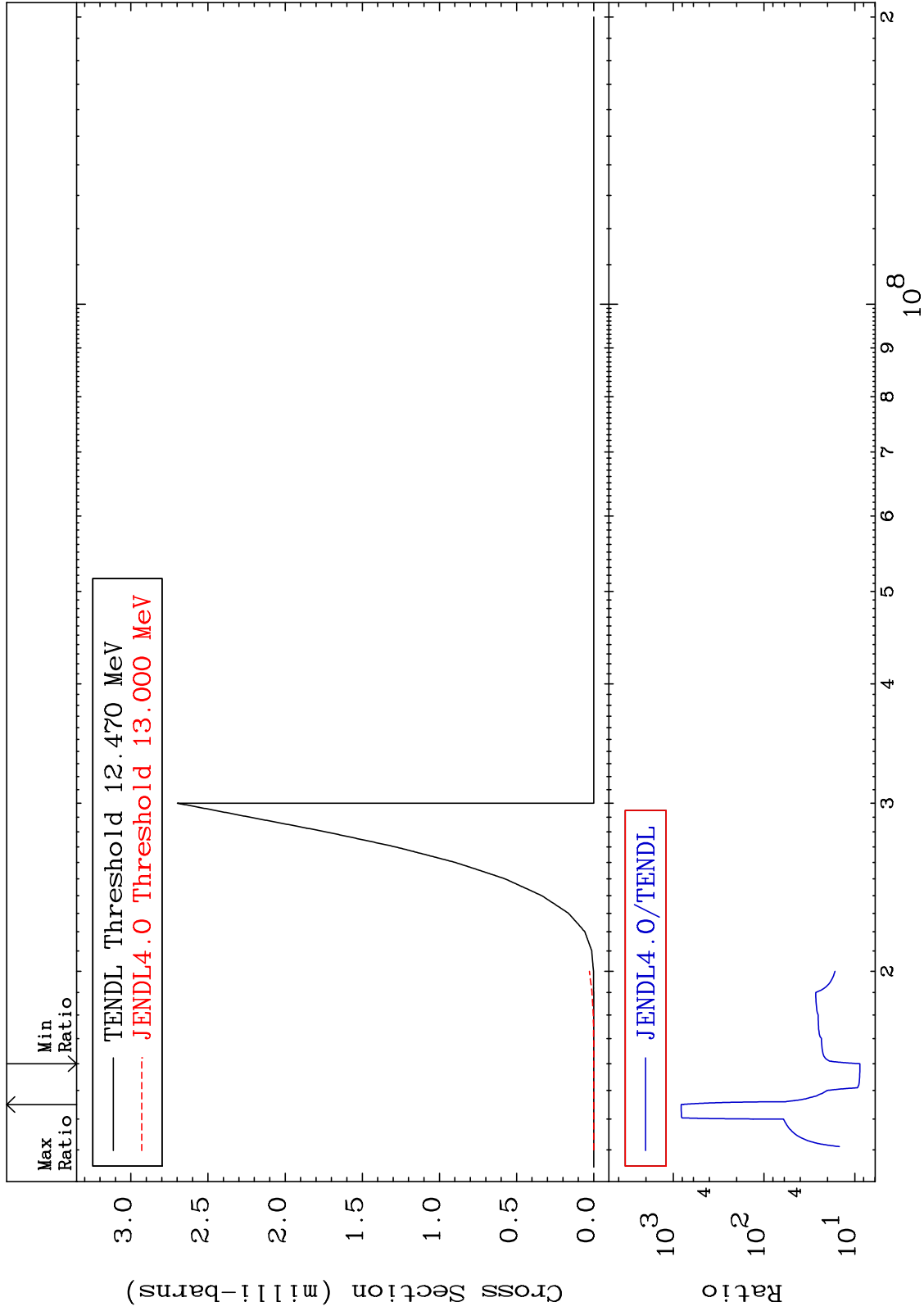
22-Ti-48

22-Ti-48



Cross Section

777.5 To 9999. %



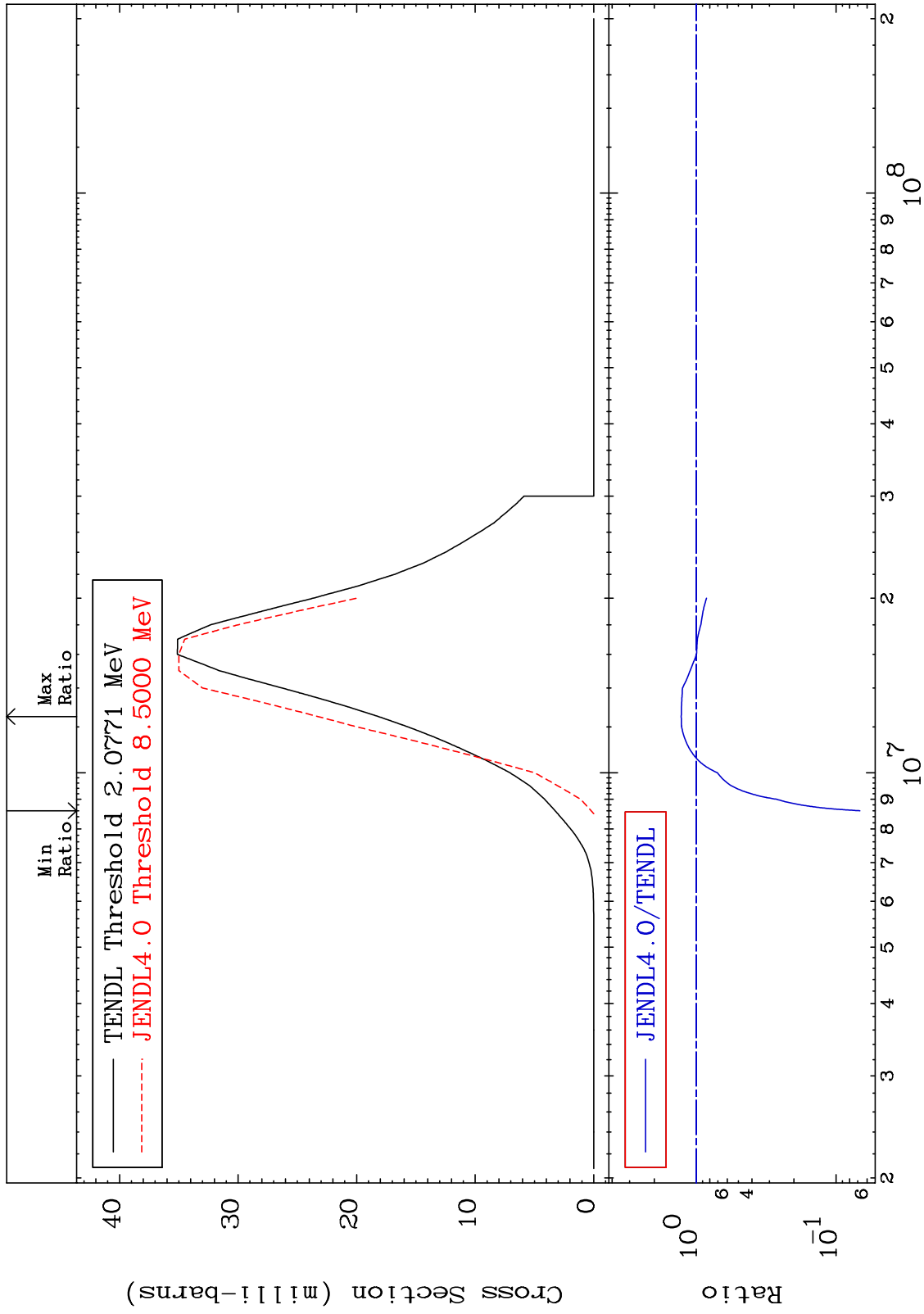
MAT 2231

(n, α)

22-Ti-48

Cross Section

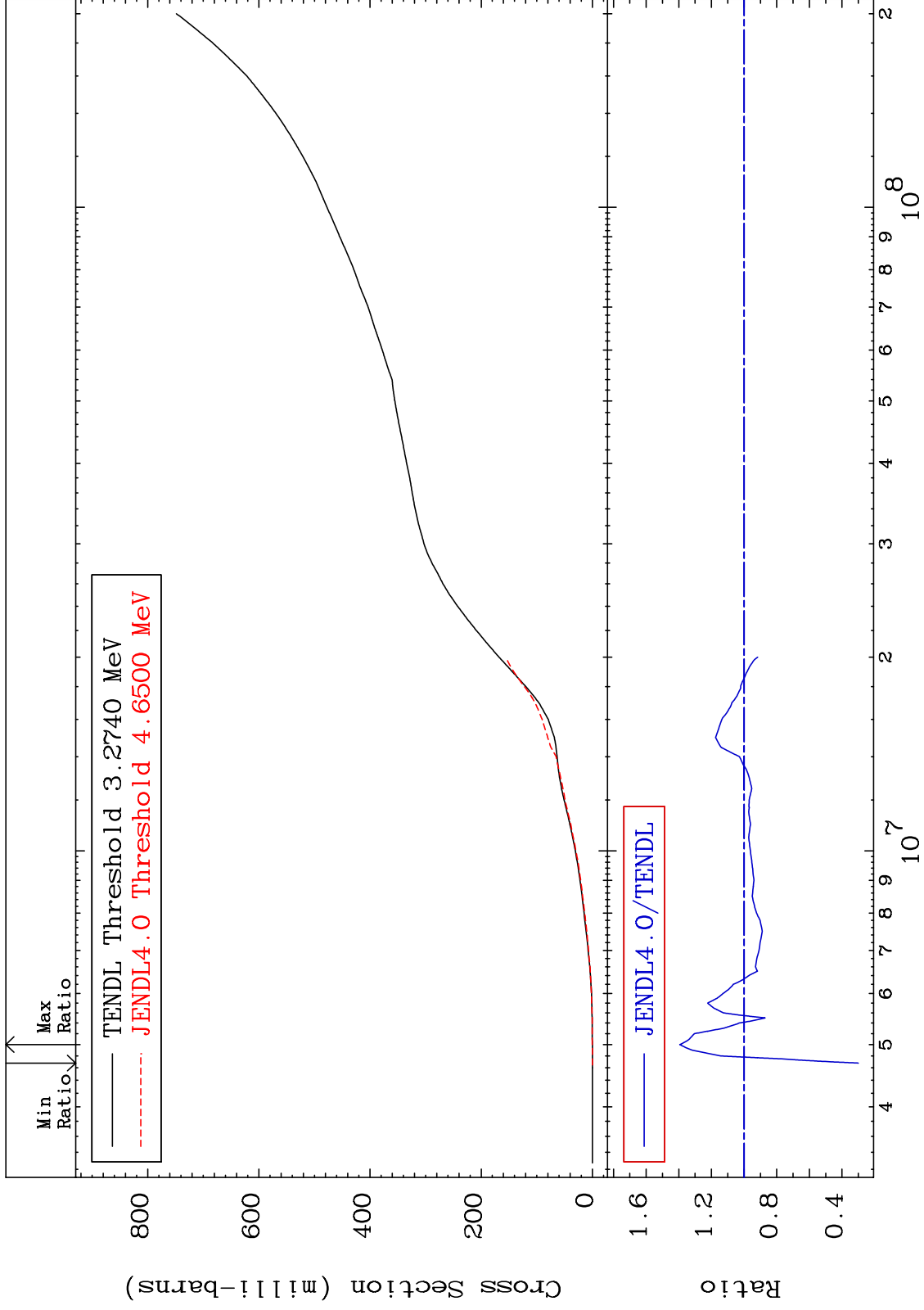
-93.25 To 28.12 %



MAT 2231

Hydrogen Production
Cross Section

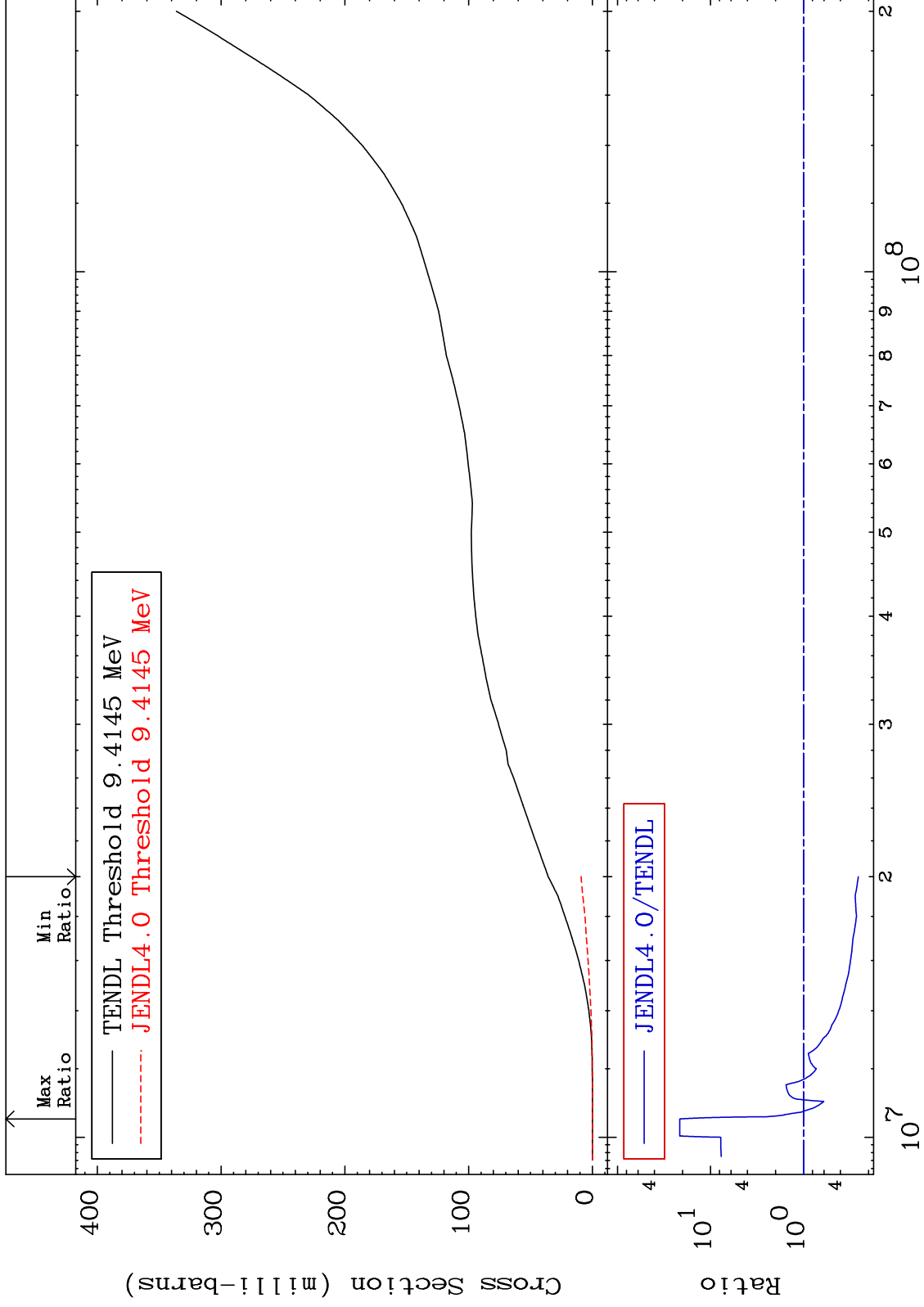
22-Ti-48
-69.99 To 39.38 %



MAT 2231

Deuterium Production
Cross Section

22-Ti-48
-74.28 To 2039. %



33

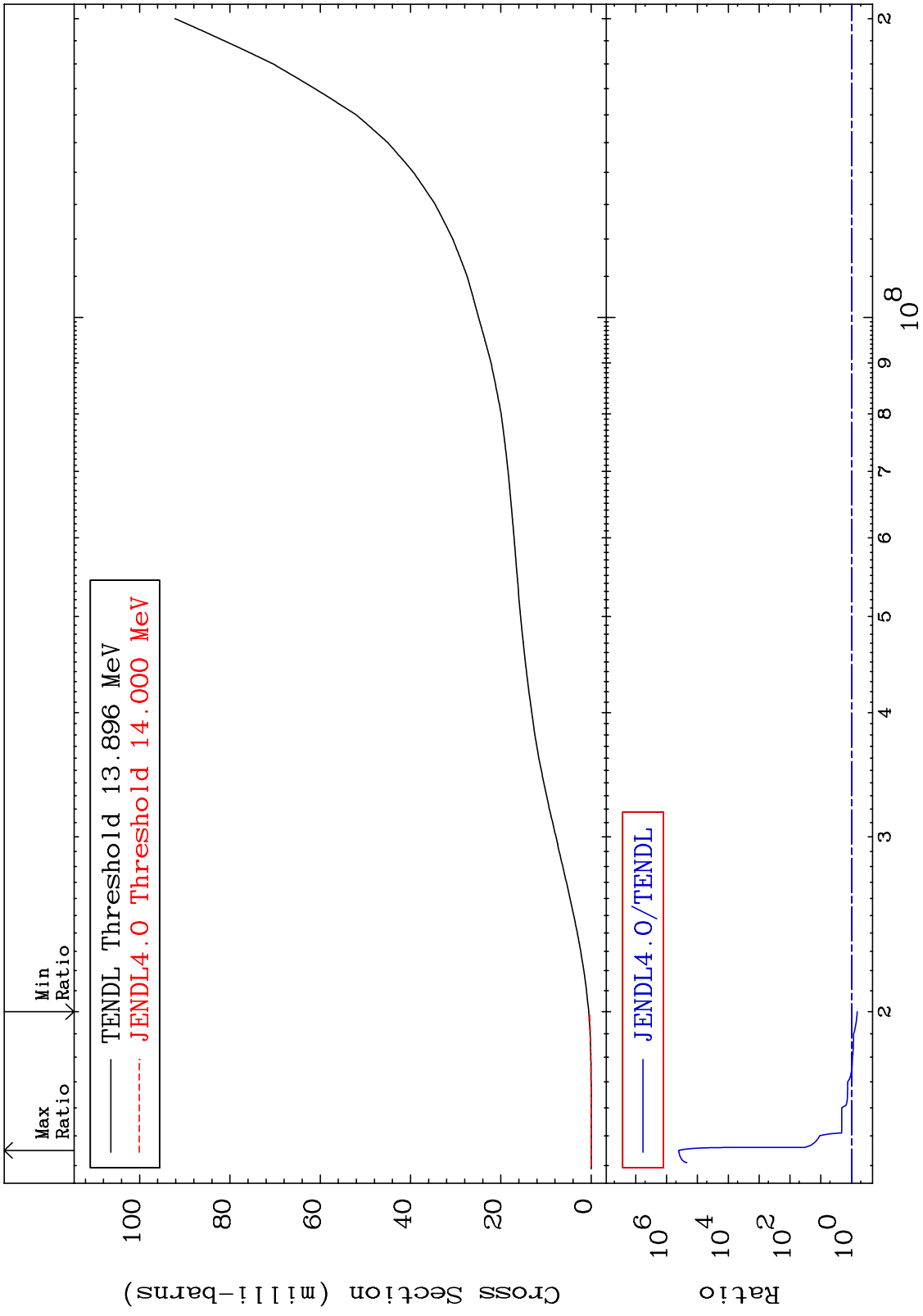
Incident Energy (eV)

22-Ti-48

MAT 2231

Tritium Production
Cross Section

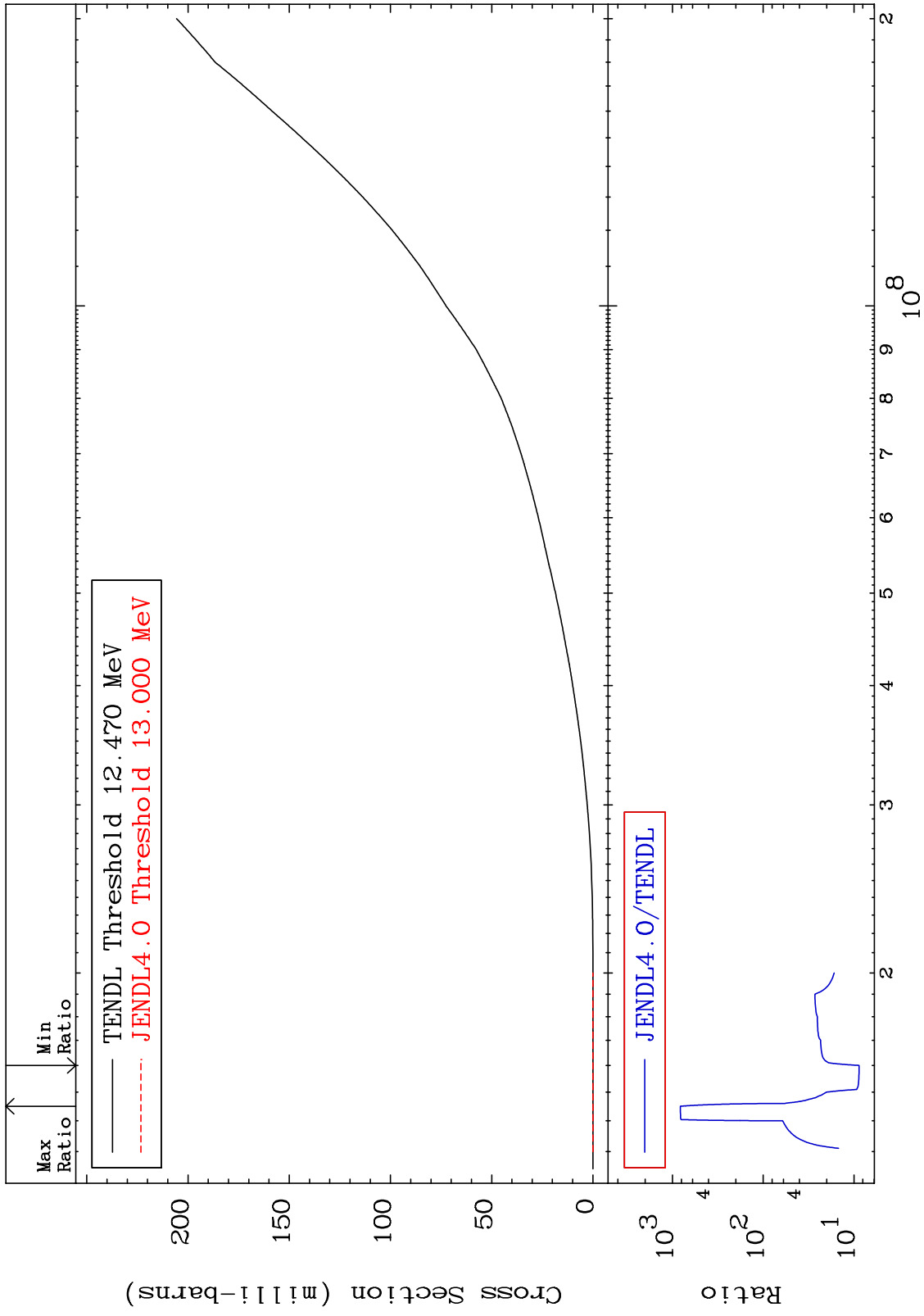
22-Ti-48
-34.87 To 9999. %



MAT 2231

He-3 Production
Cross Section

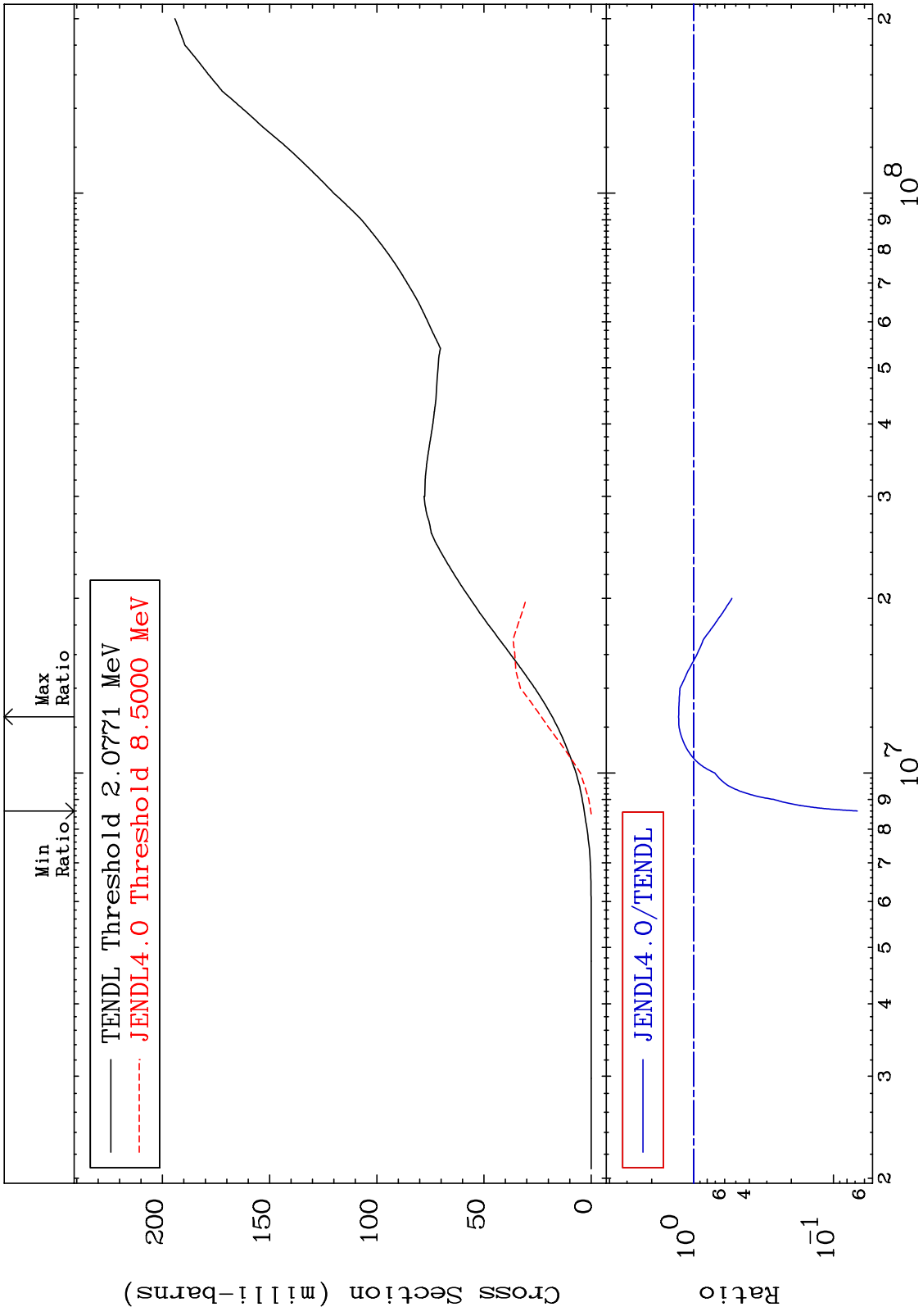
22-Ti-48
777.5 To 9999. %



MAT 2231

He-4 Production
Cross Section

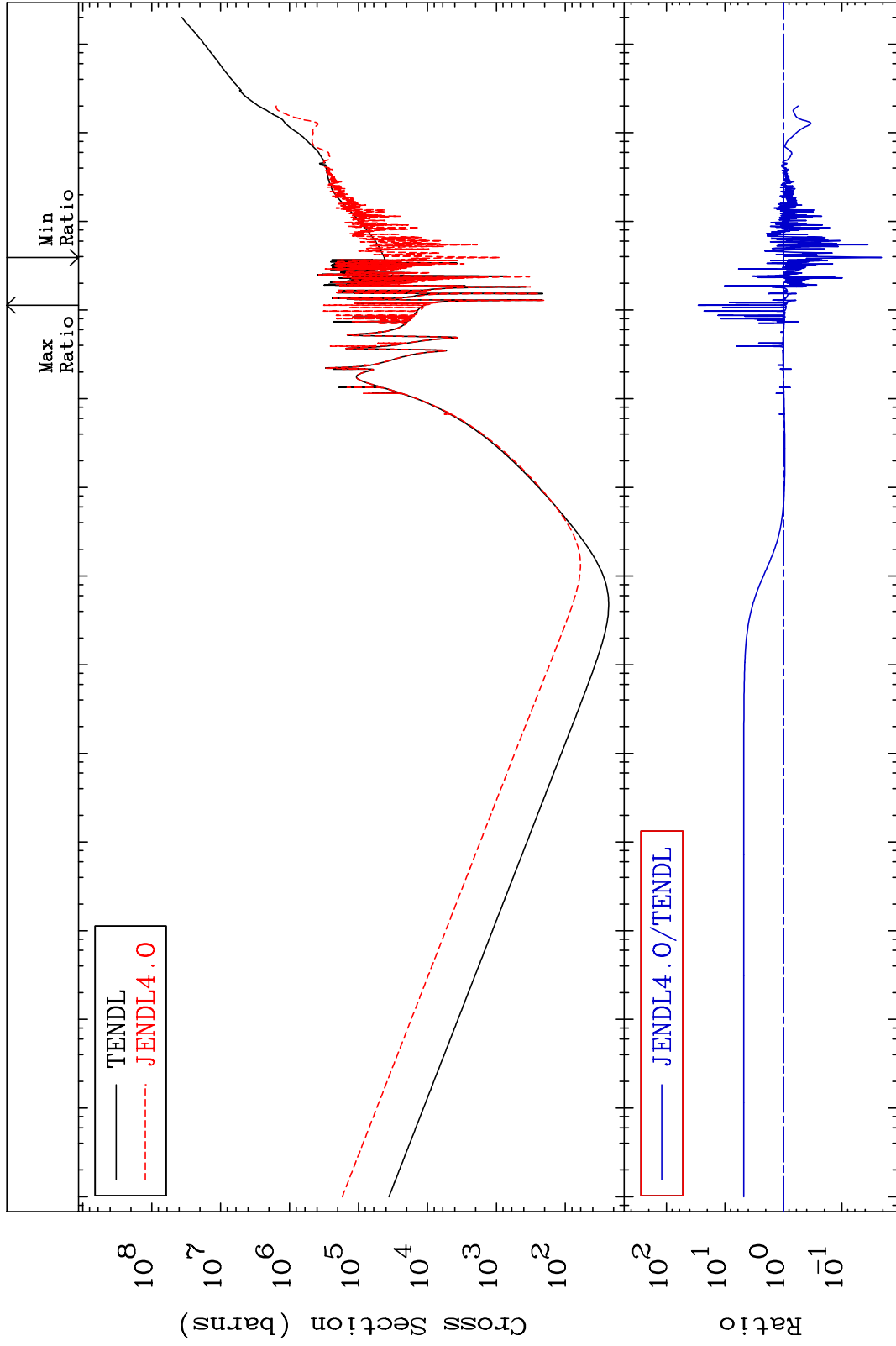
22-Ti-48
-93.25 To 28.13 %



MAT 2231

Kerma total (eV-barns)
Cross Section

22-Ti-48
-97.90 To 2743. %



37

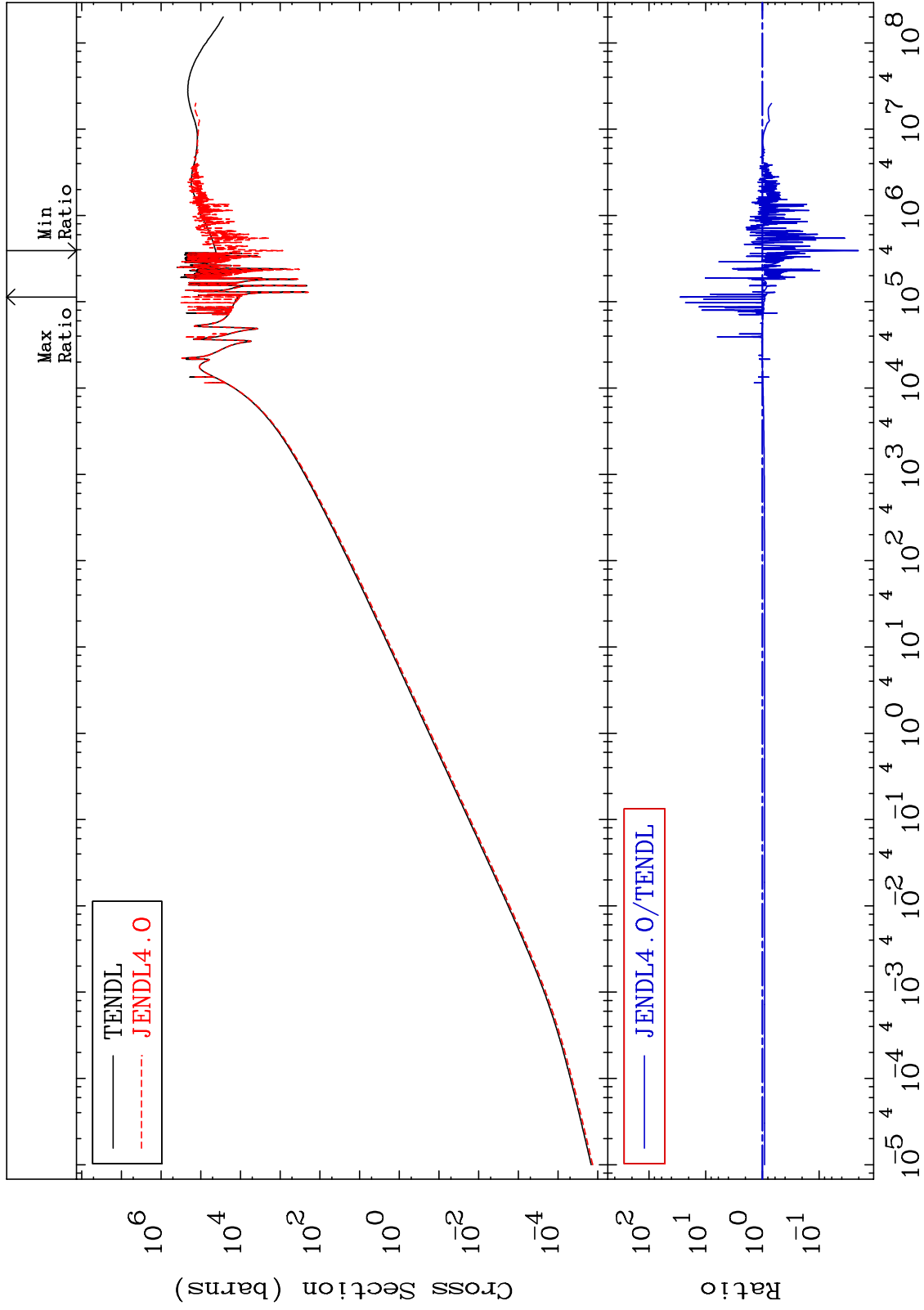
Incident Energy (eV)

22-Ti-48

MAT 2231

Kerma elastic
Cross Section

22-Ti-48
-97.97 To 2736. %



38

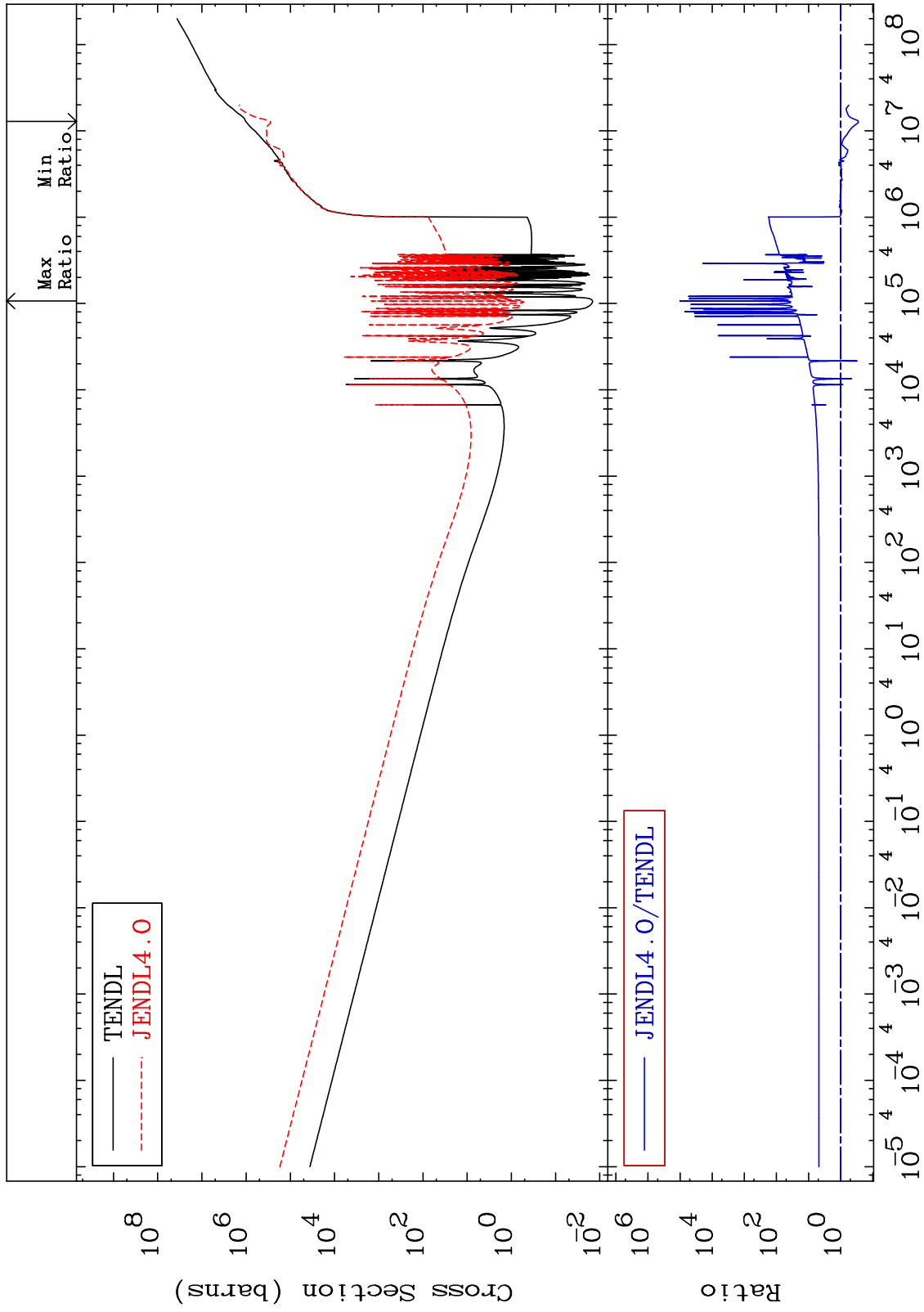
Incident Energy (eV)

22-Ti-48

MAT 2231

Kerma non-elastic (all but mt2)
Cross Section

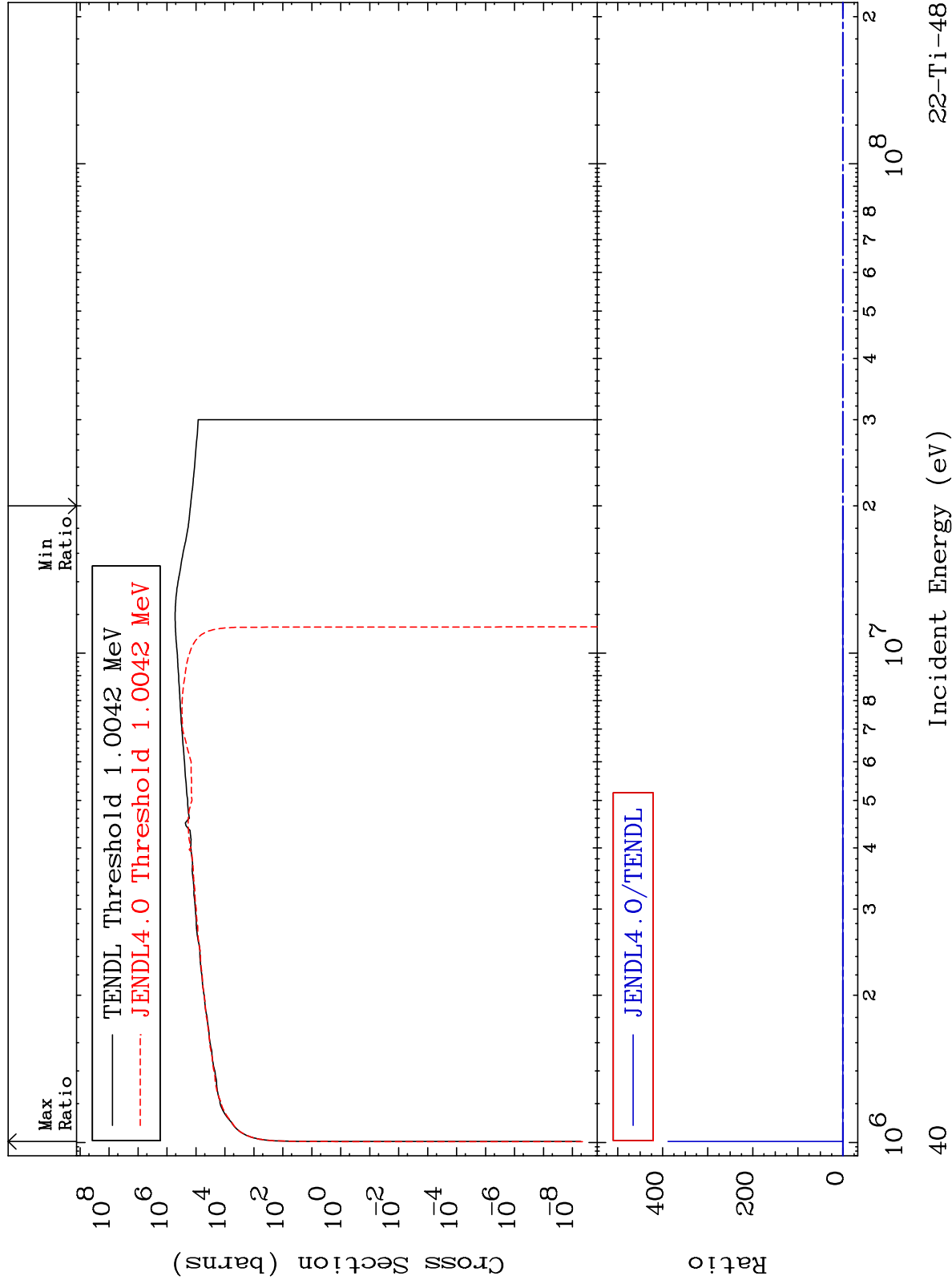
22-Ti-48
-71.90 To 9999. %



MAT 2231

Kerma inelastic (mt51-91)
Cross Section

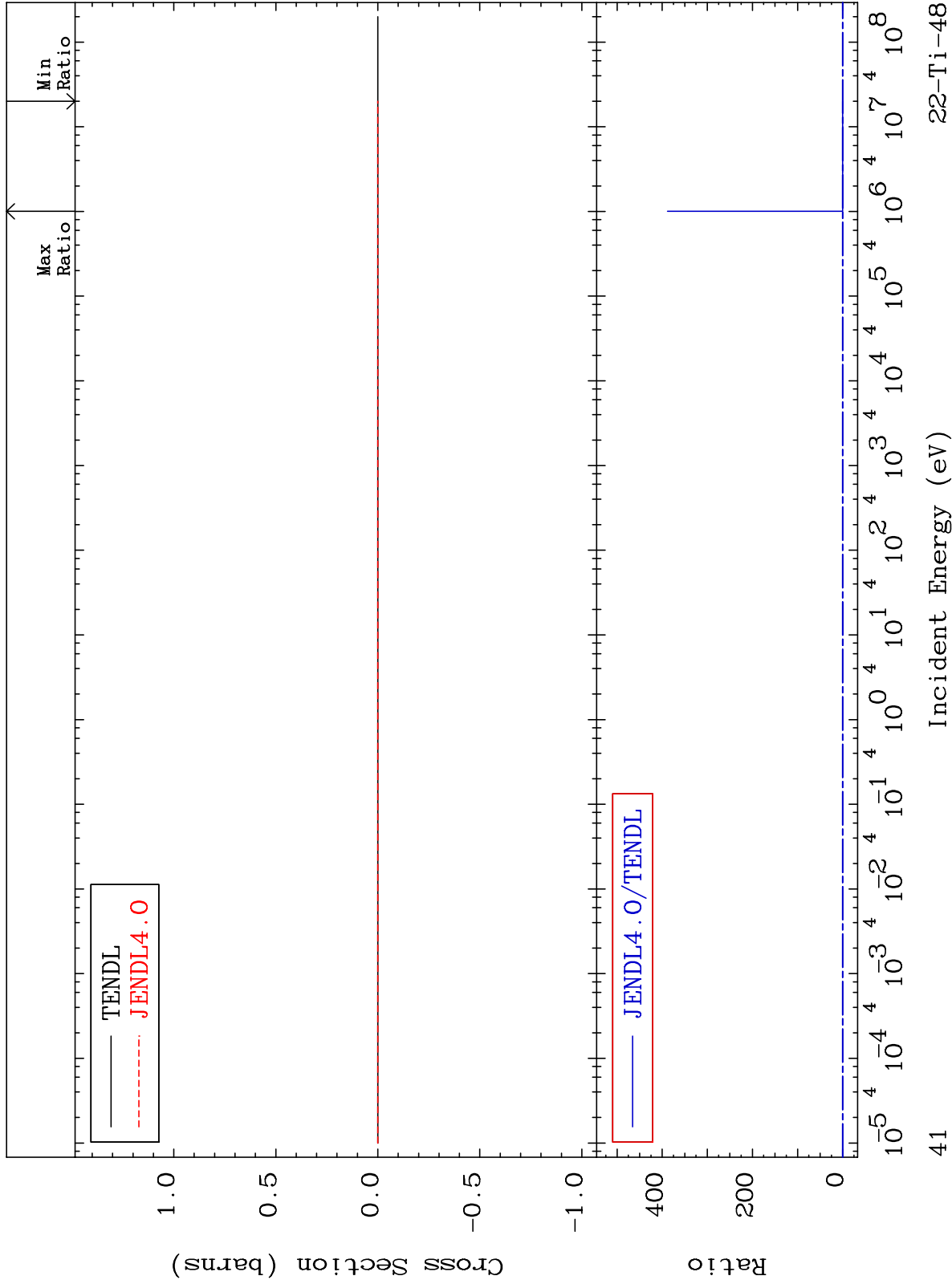
22-Ti-48
-251.7 To 9999. %



MAT 2231

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

22-Ti-48
-251.7 To 9999. %



41

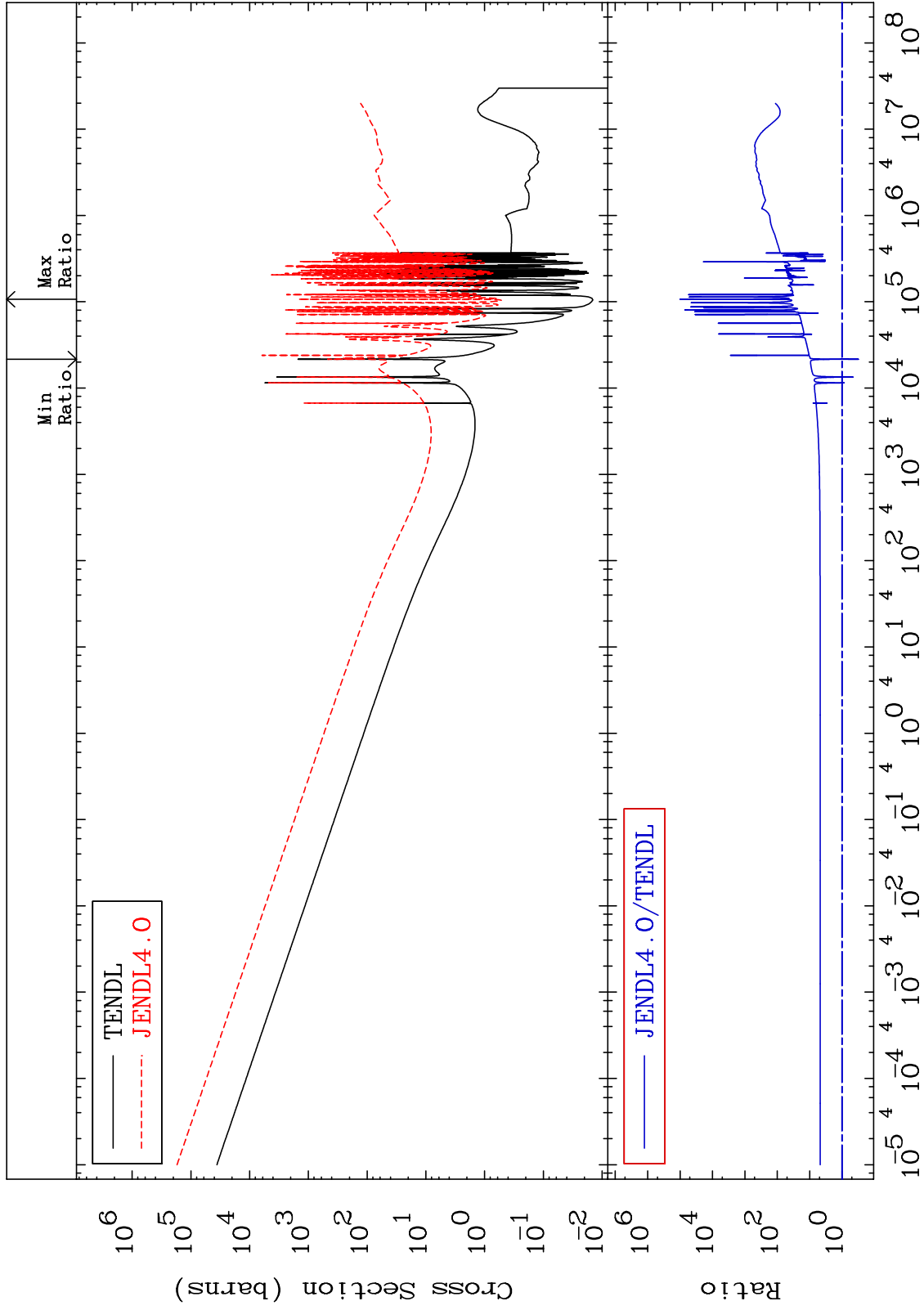
Incident Energy (eV)

22-Ti-48

MAT 2231

Kerma capture (mt102)
Cross Section

22-Ti-48
-68.62 To 9999. %



42

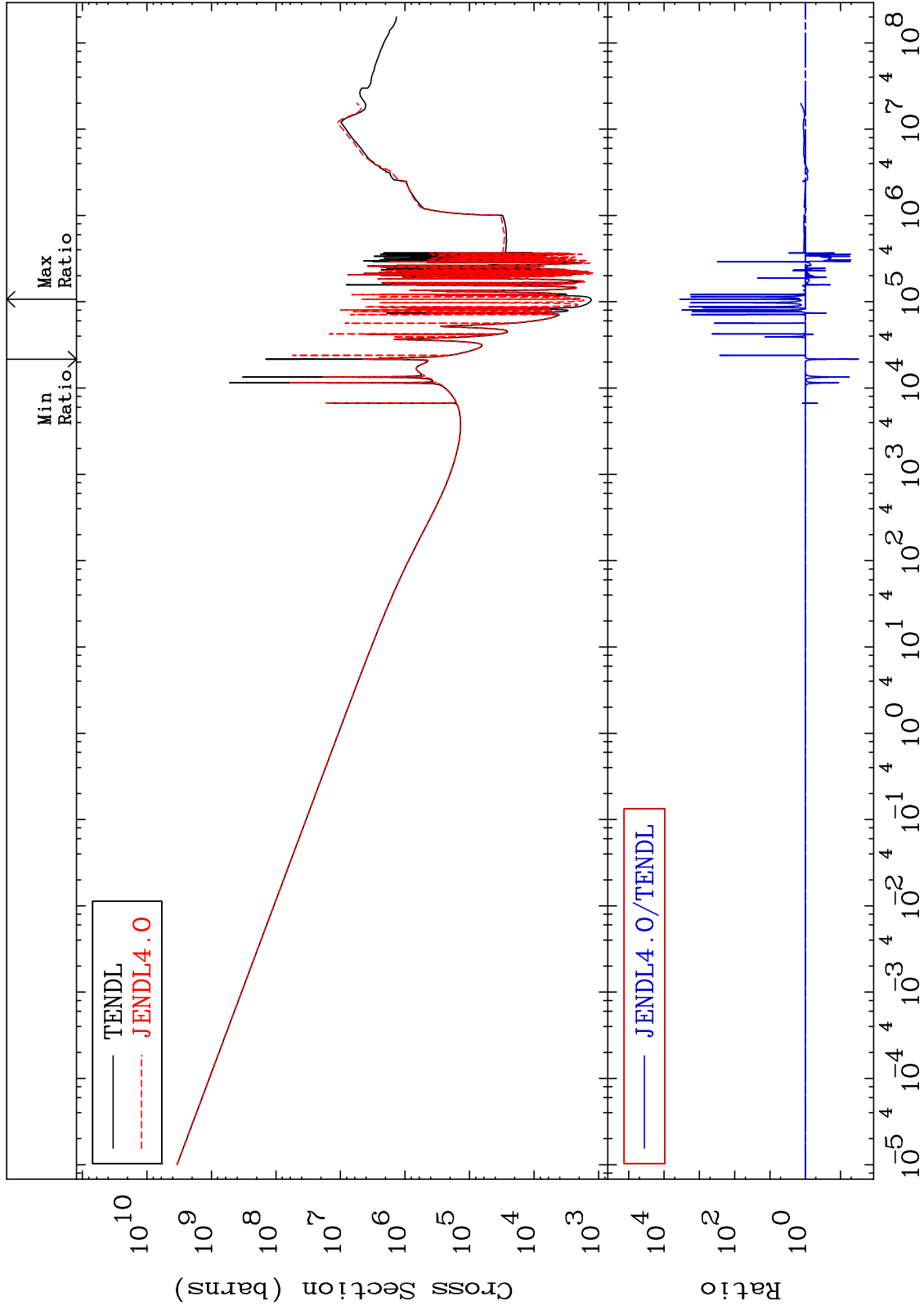
Incident Energy (eV)

22-Ti-48

MAT 2231

Total photon (eV-barns)
Cross Section

22-Ti-48
-96.88 To 9999. %



43

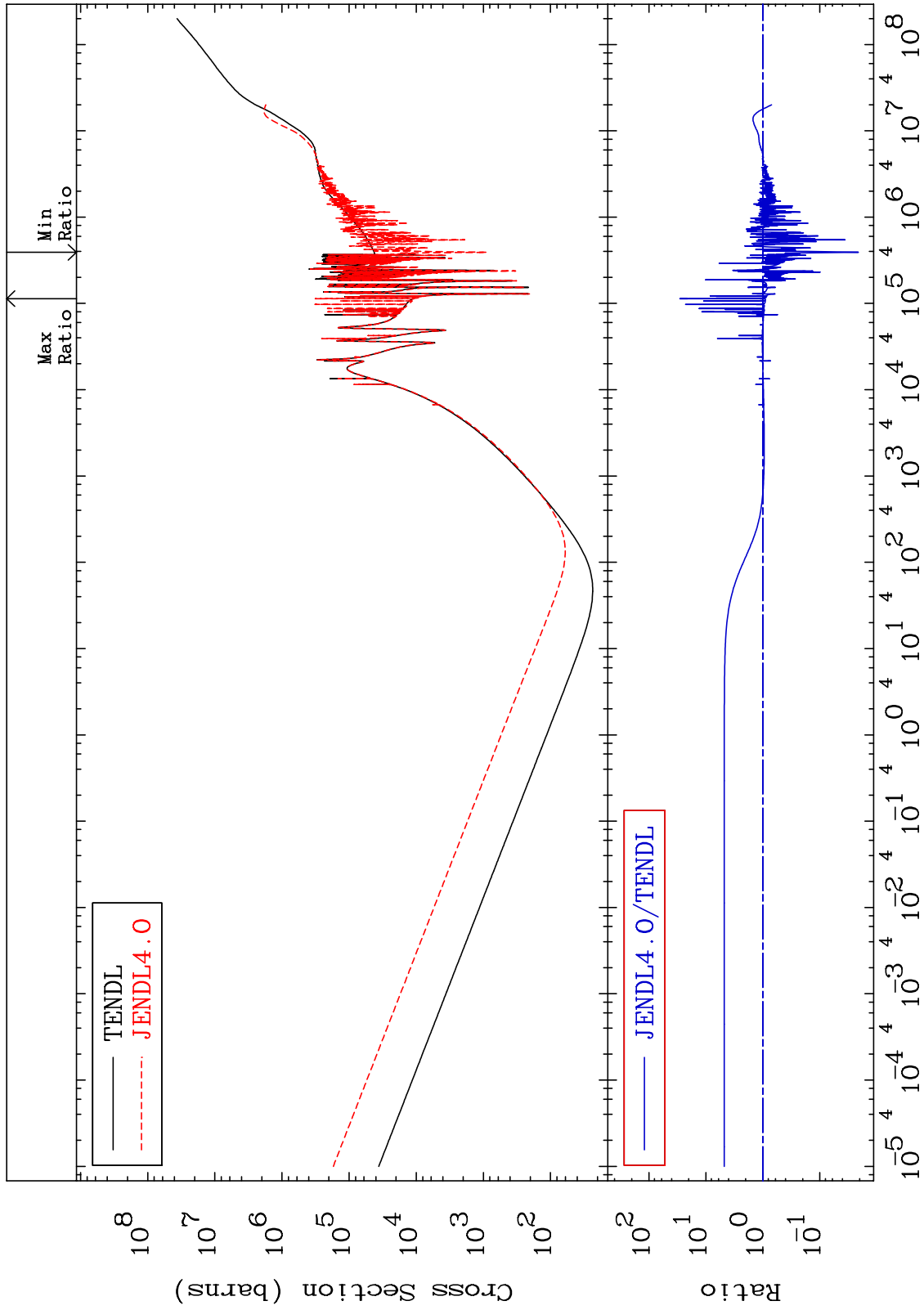
Incident Energy (eV)

22-Ti-48

MAT 2231

Total kinematic kerma (high limit)
Cross Section

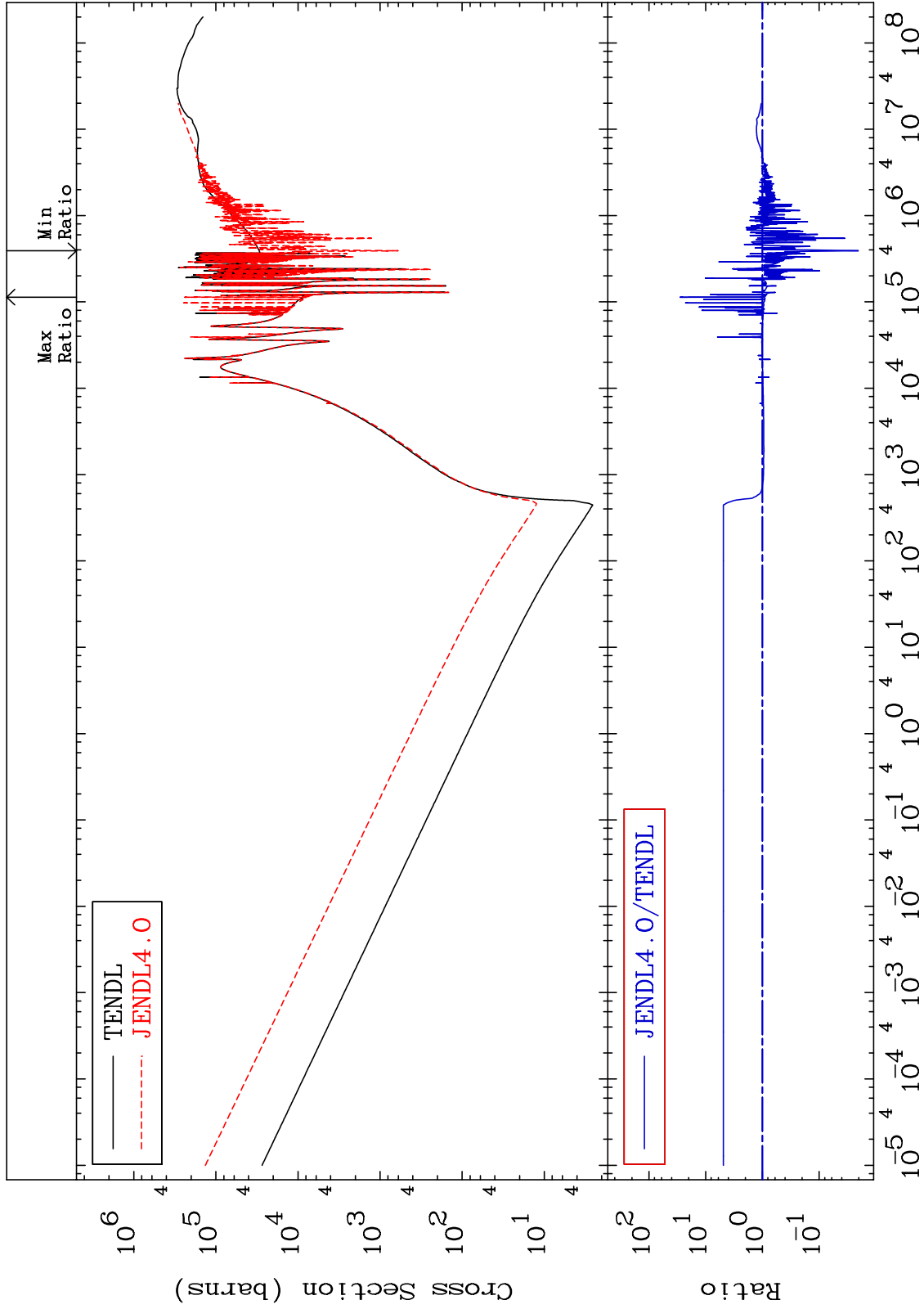
22-Ti-48
-97.90 To 2743. %



MAT 2231

Dpa total (eV-barns)
Cross Section

22-Ti-48
-97.96 To 2738. %



45

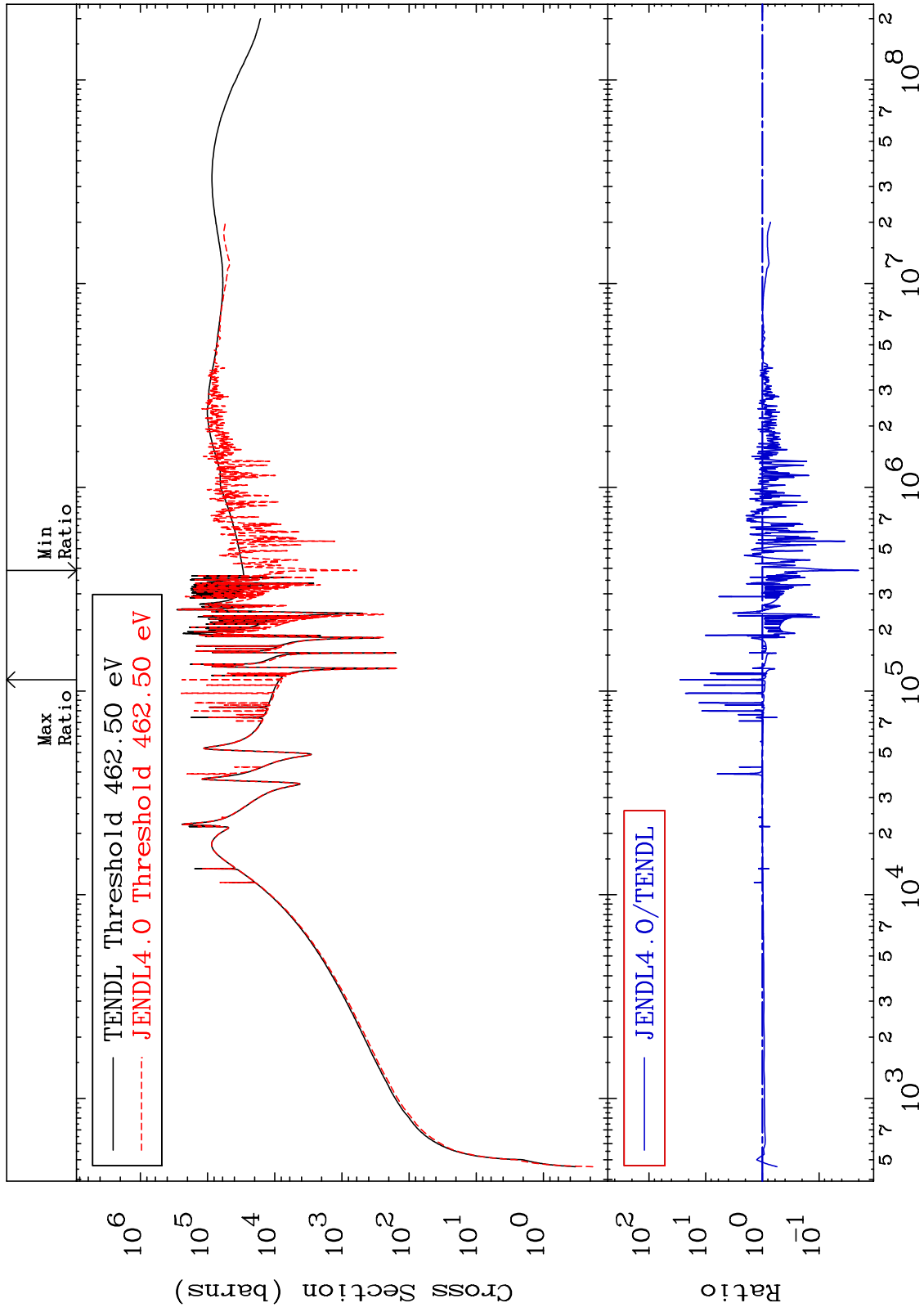
Incident Energy (eV)

22-Ti-48

MAT 2231

Dpa elastic (mt2)
Cross Section

22-Ti-48
-97.97 To 2736. %



46

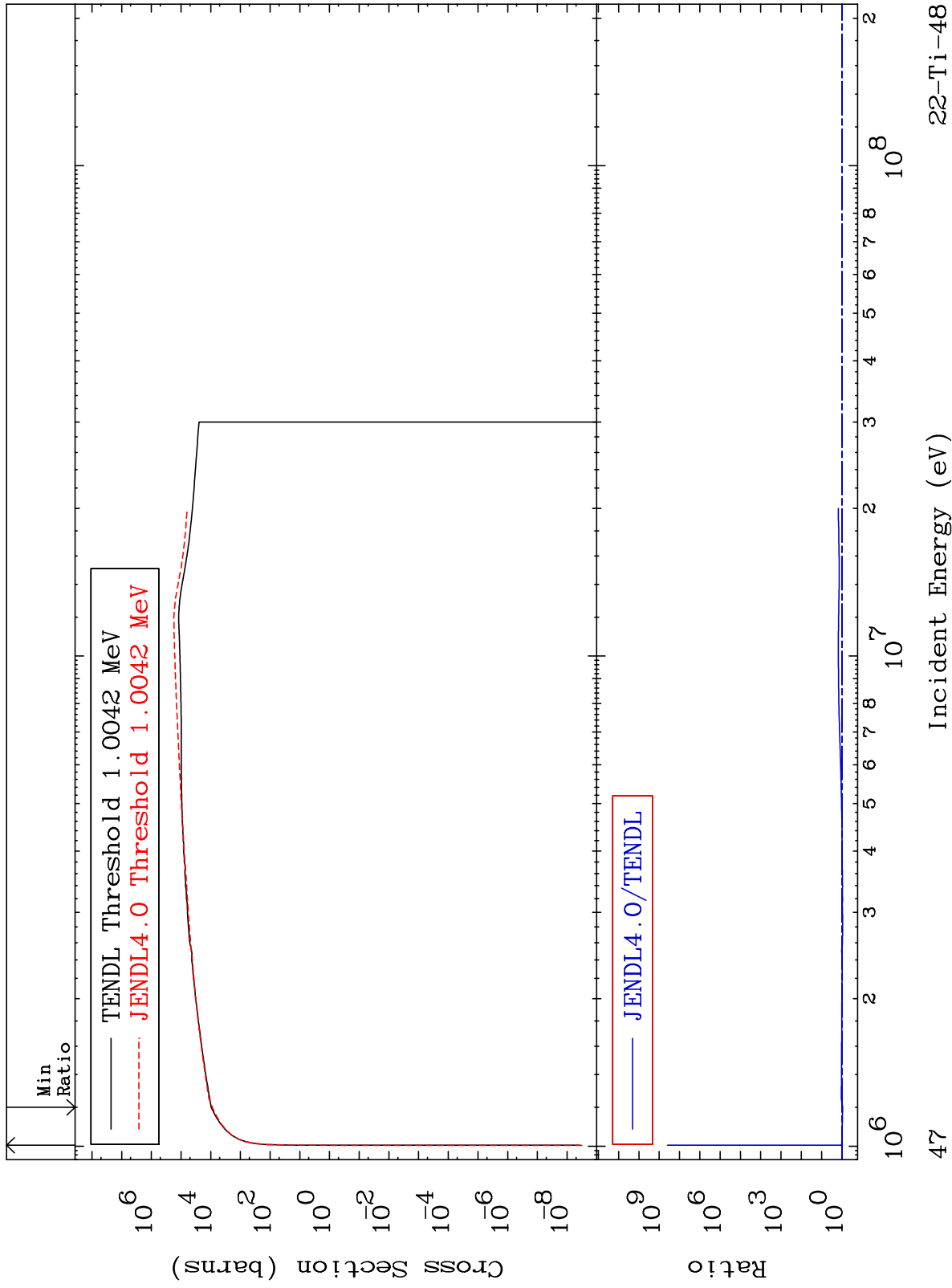
Incident Energy (eV)

22-Ti-48

MAT 2231

Dpa inelastic (mt51-91)
Cross Section

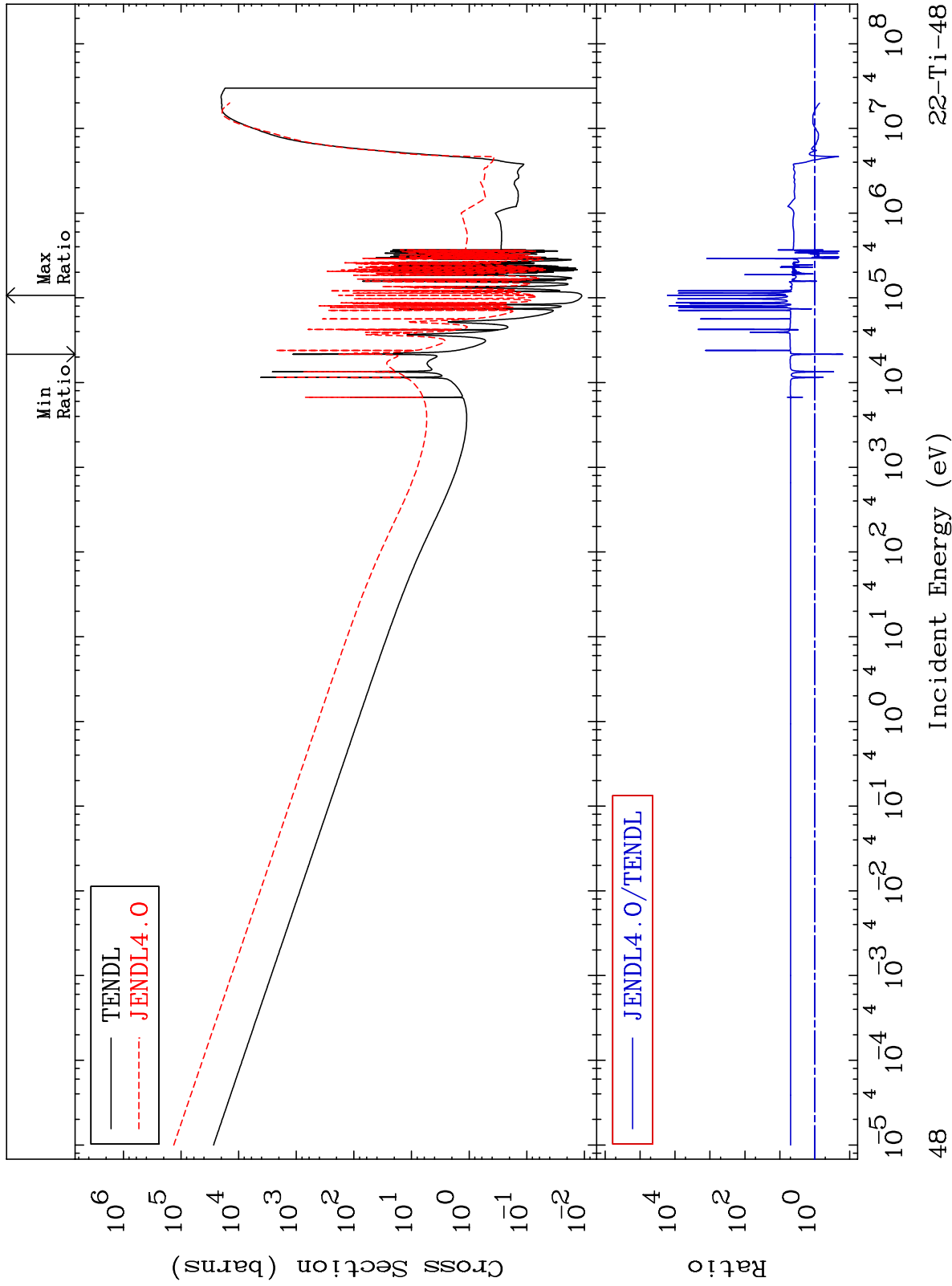
22-Ti-48
-8.395 To 9999. %



MAT 2231

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-48
-84.14 To 9999. %



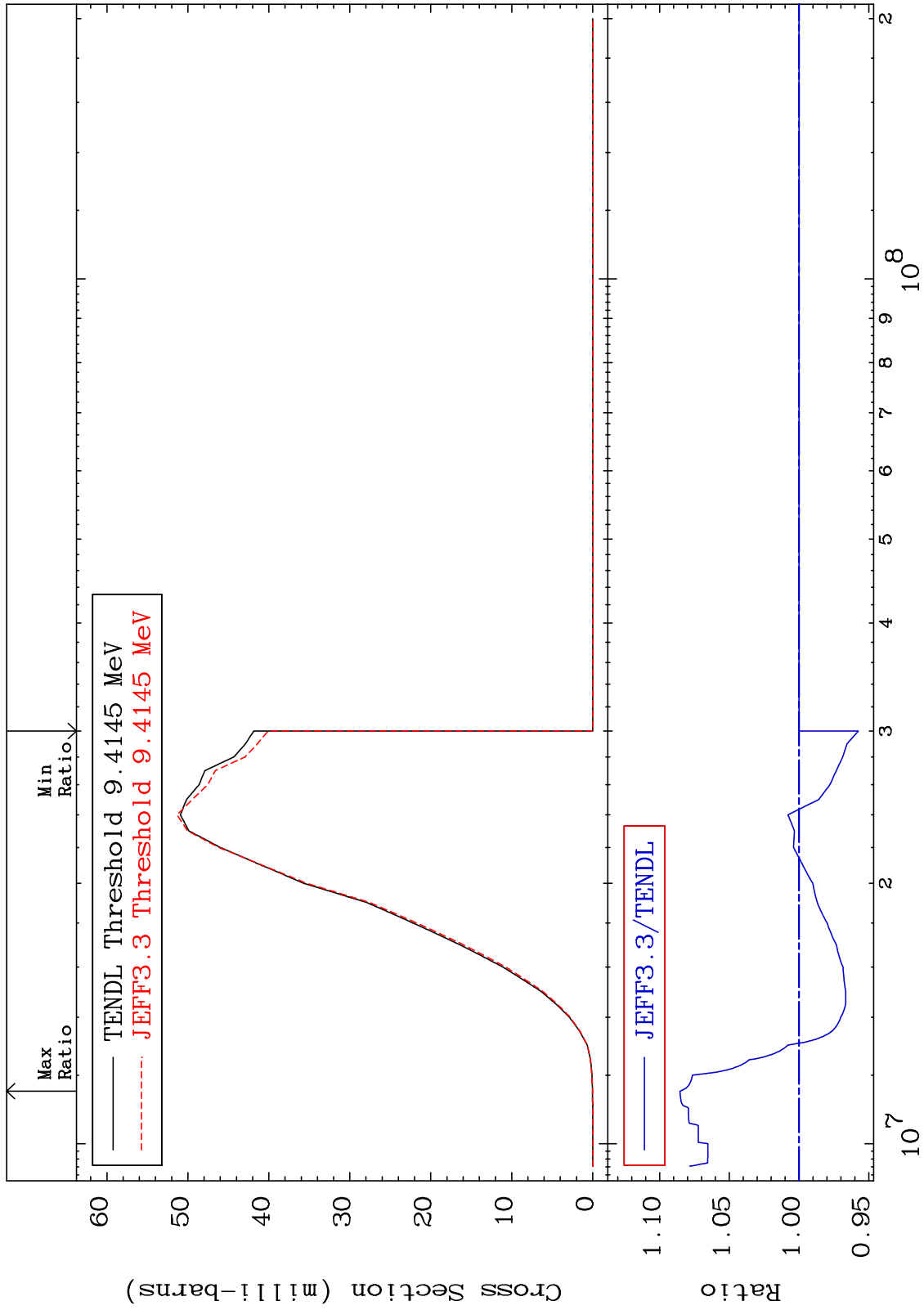
MAT 2231

(n,d)

22-Ti-48

Cross Section

-4.257 To 8.536 %



49

Incident Energy (eV)

22-Ti-48

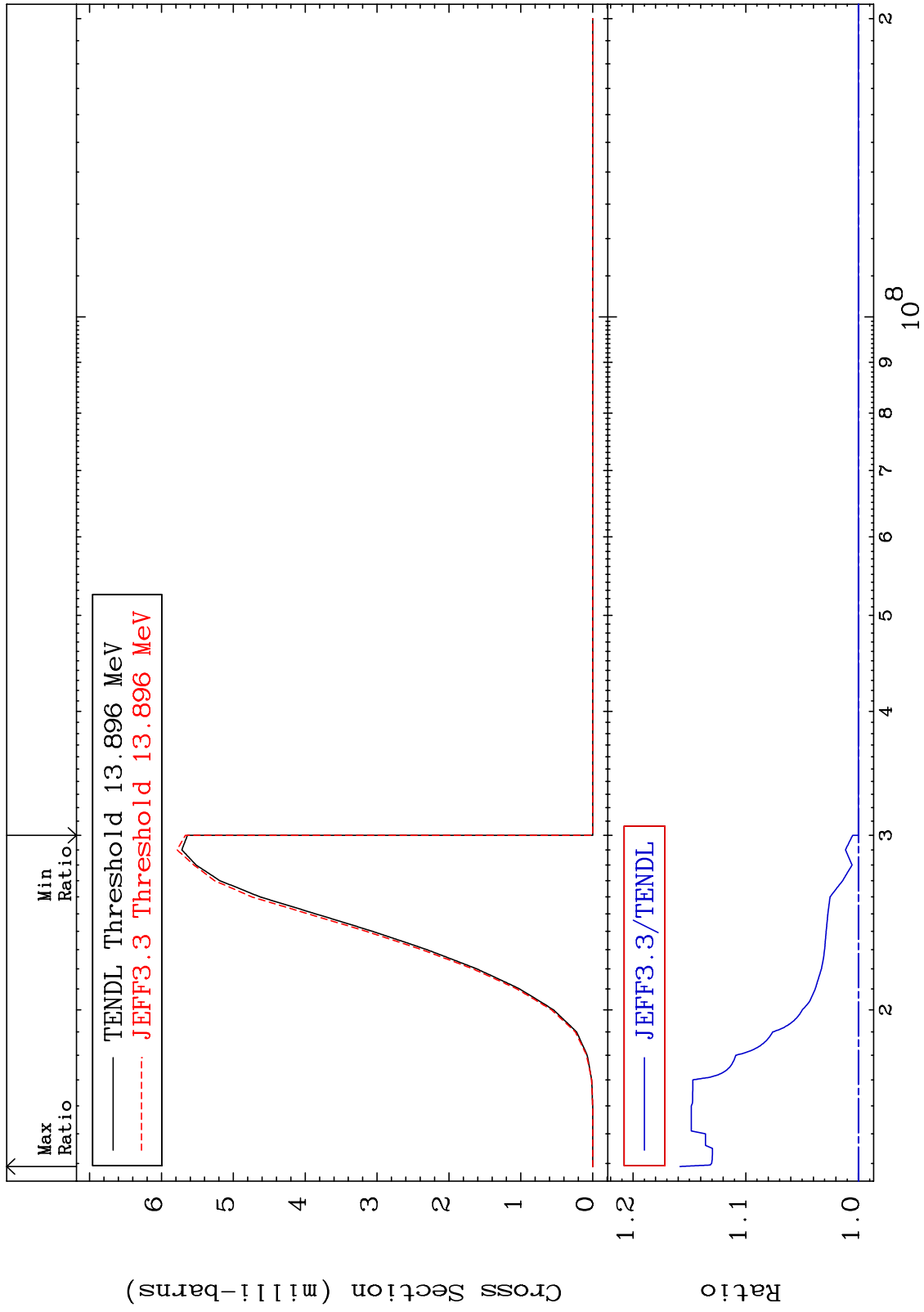
MAT 2231

(n, t)

22-Ti-48

Cross Section

0.000 To 15.83 %



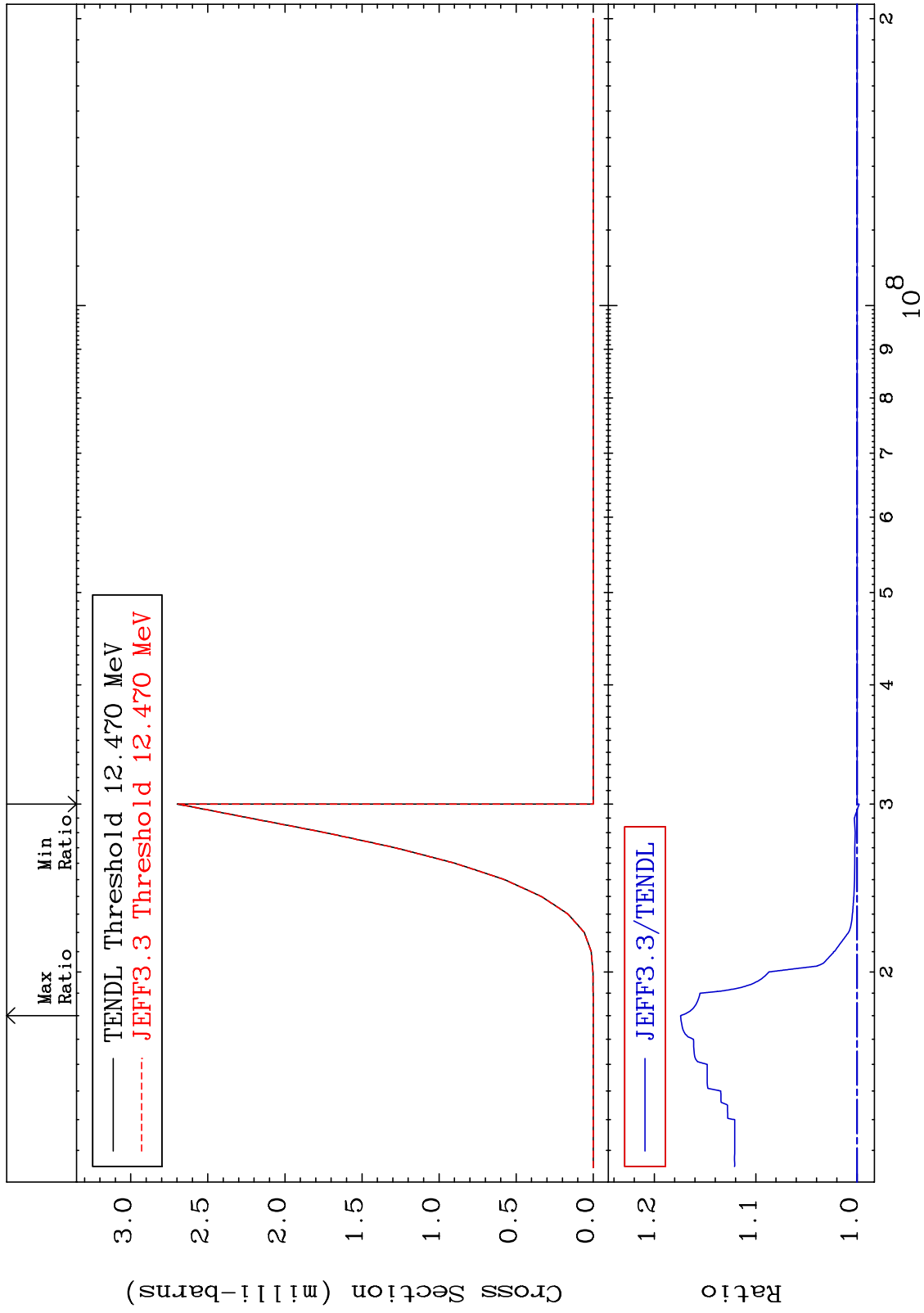
MAT 2231

(n, He-3)

22-Ti-48

Cross Section

-0.207 To 17.42 %



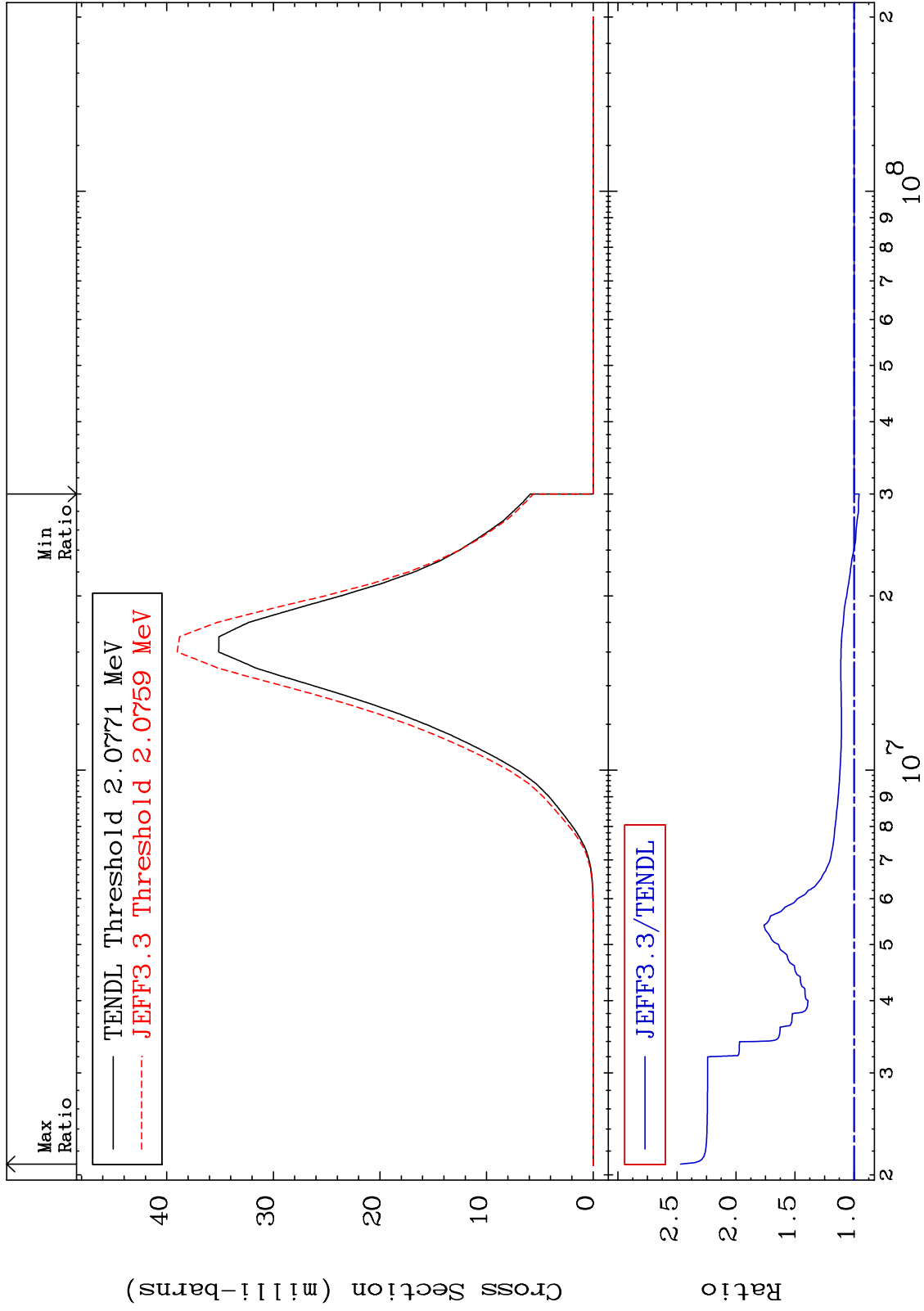
MAT 2231

(n, α)

22-Ti-48

Cross Section

-4.328 To 146.9 %



52

Incident Energy (eV)

22-Ti-48

MAT 2231

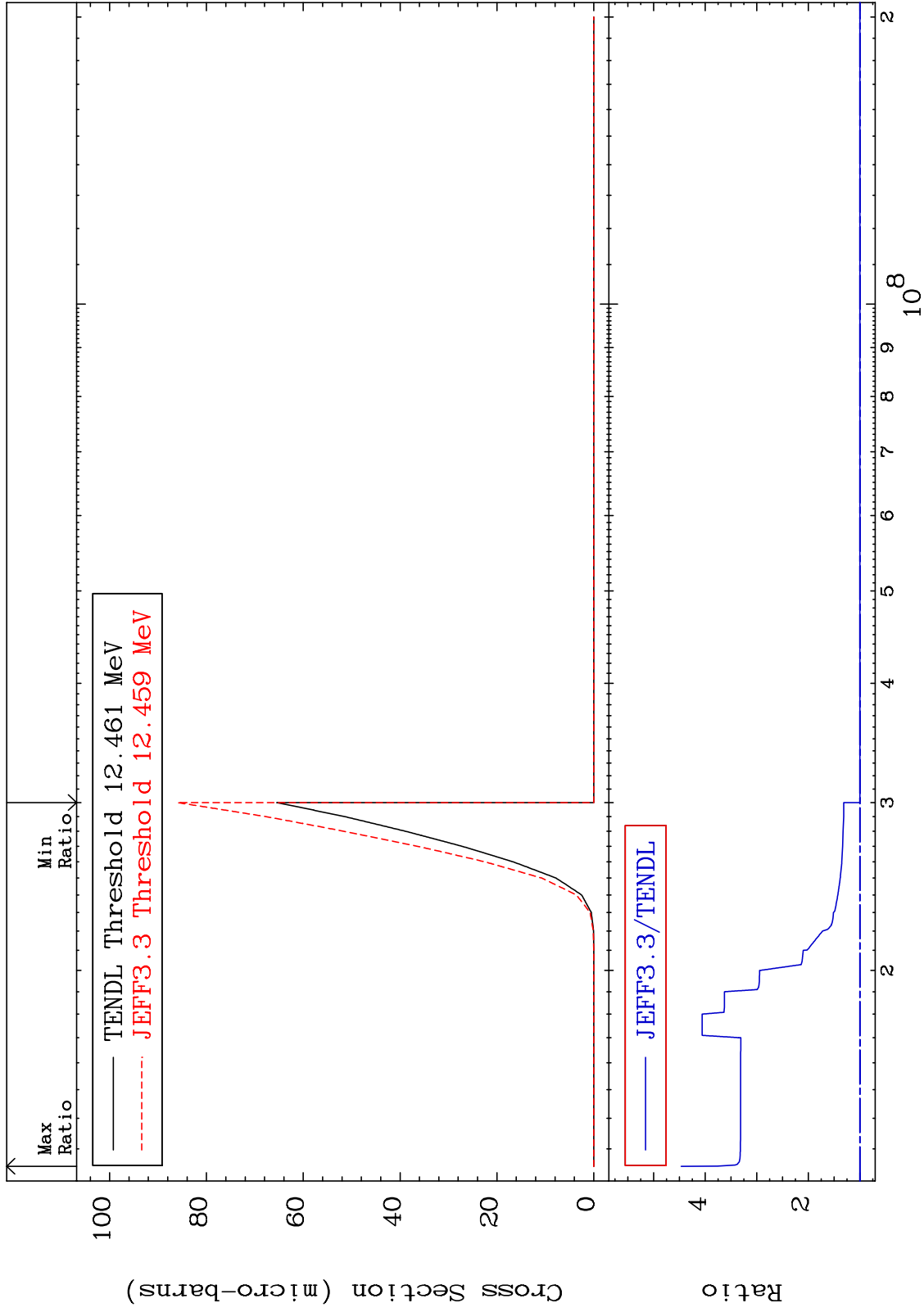
(n,2α)

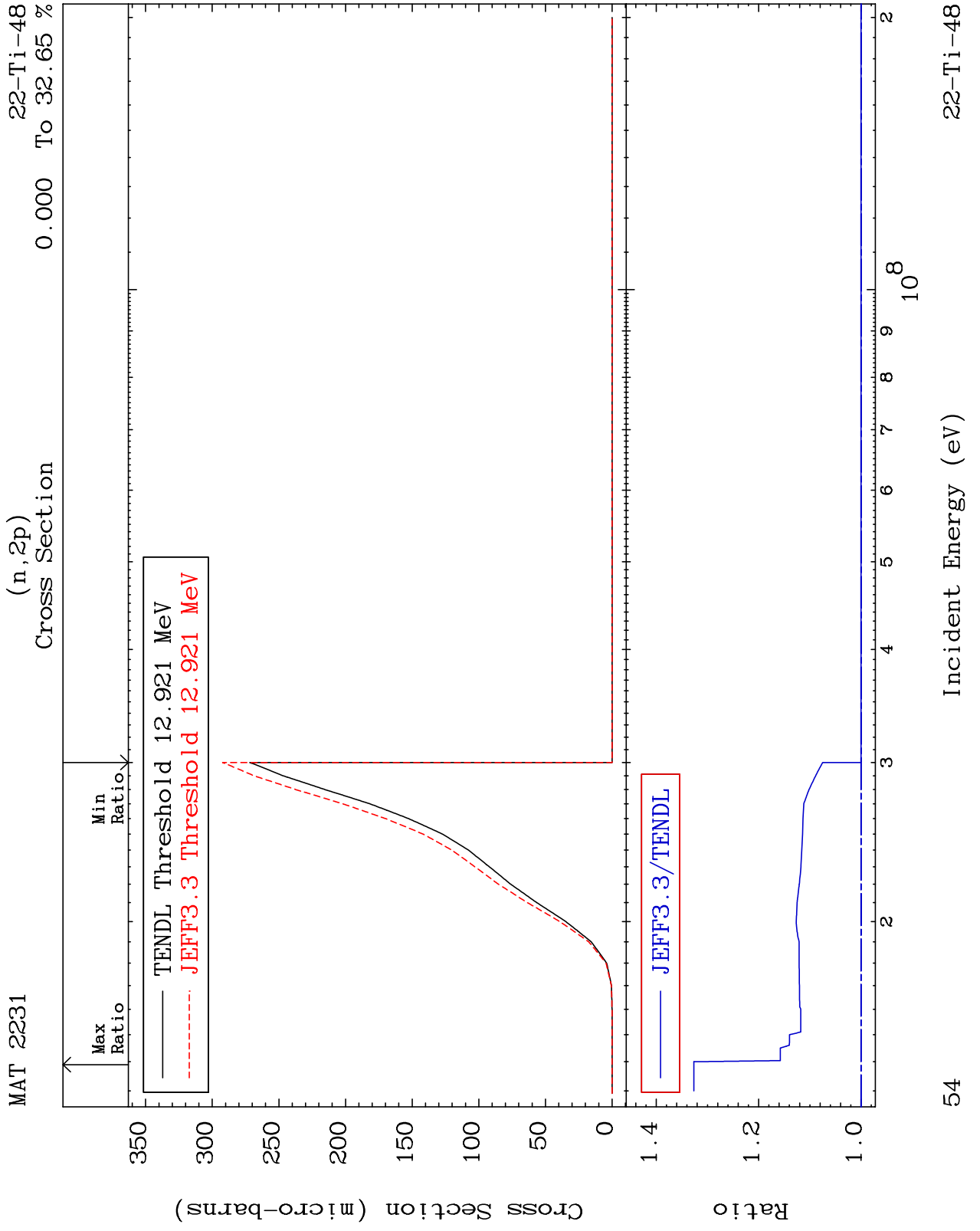
22-Ti-48

Cross Section

0.000

To 346.6 %





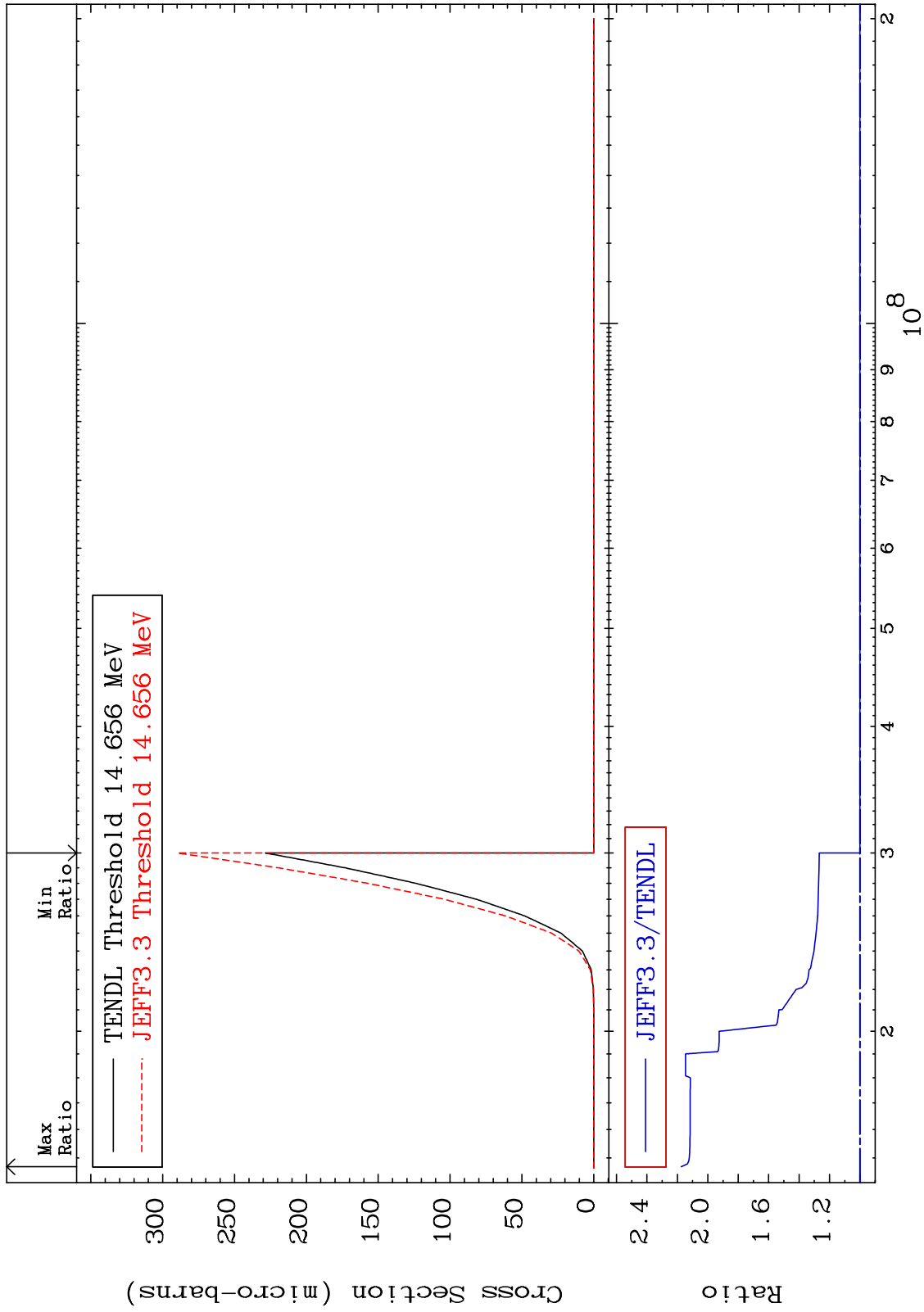
MAT 2231

(n,p) α

22-Ti-48

Cross Section

0.000 To 117.5 %



MAT 2231

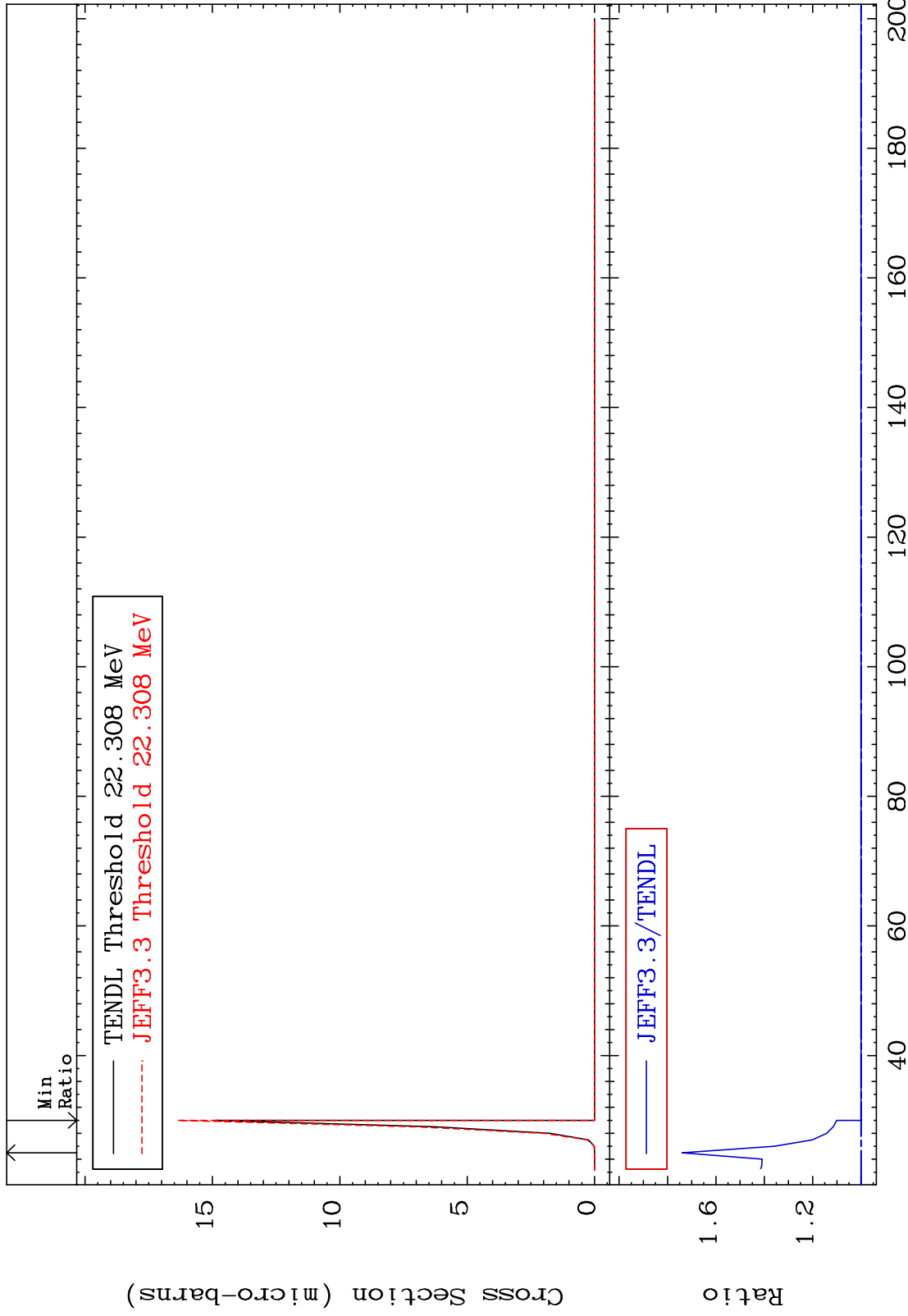
(n,p) t

22-Ti-48

Cross Section

0.000

To 73.96 %



57

22-Ti-48

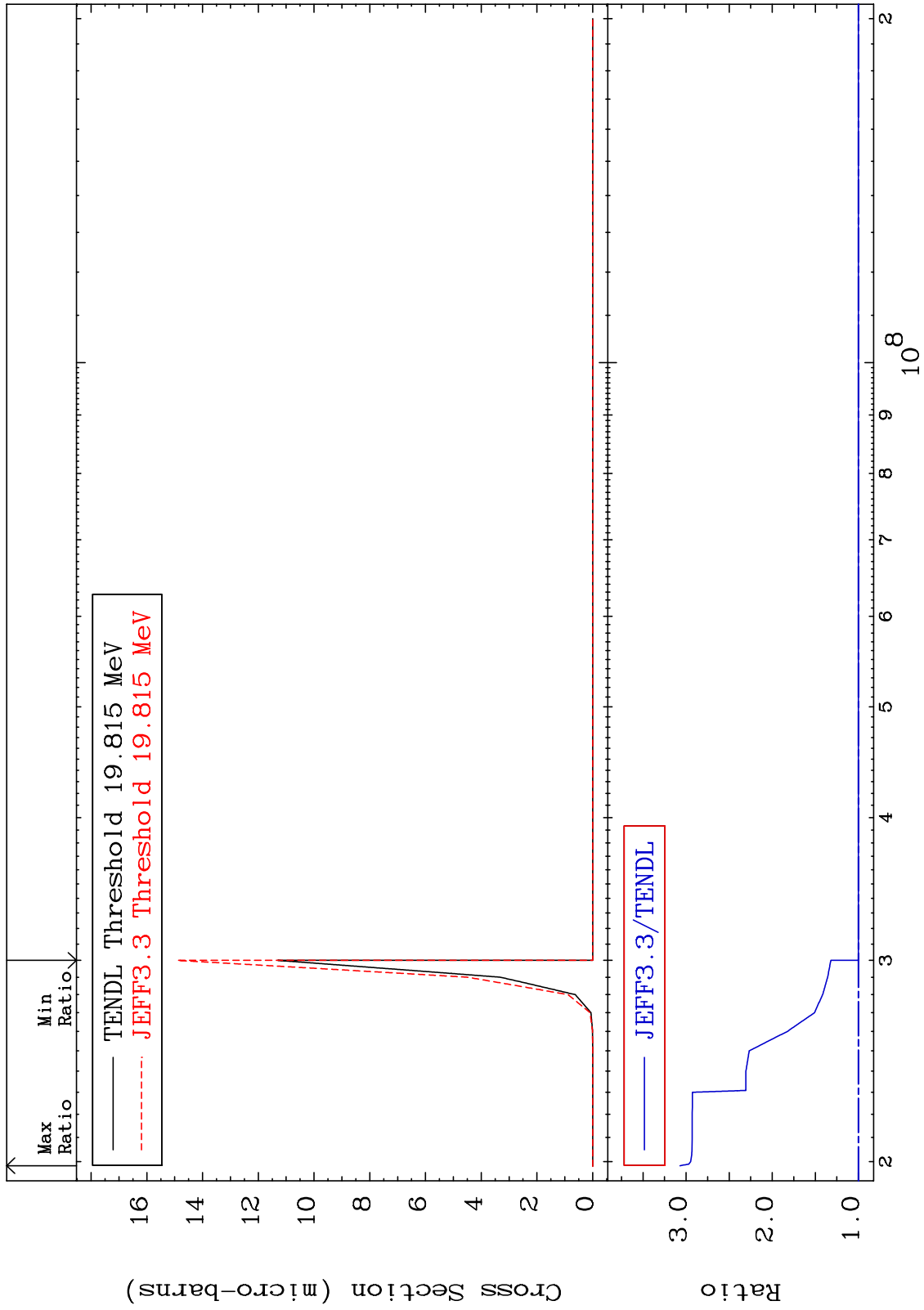
MAT 2231

(n,d) α

22-Ti-48

Cross Section

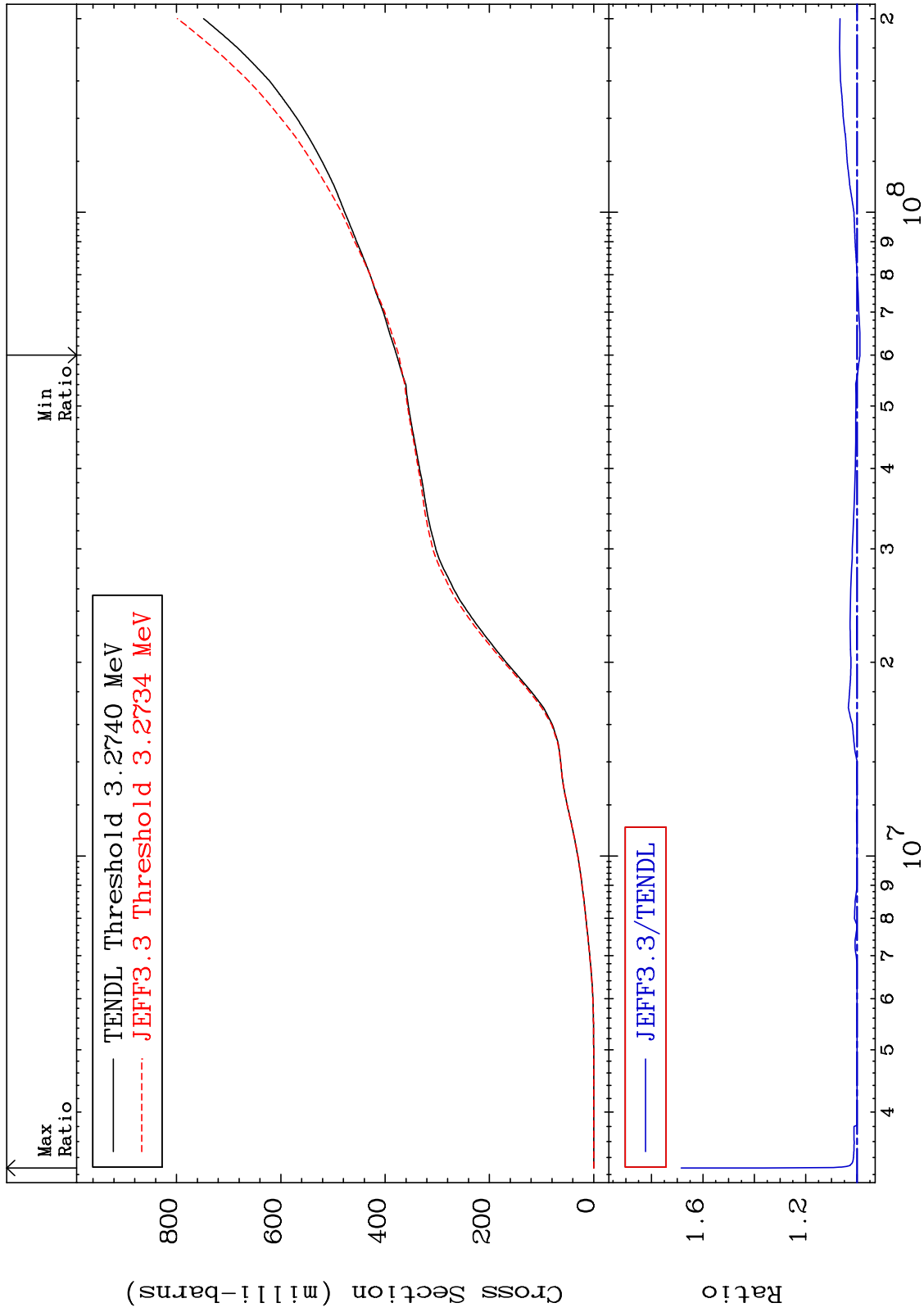
0.000 To 207.0 %



MAT 2231

Hydrogen Production
Cross Section

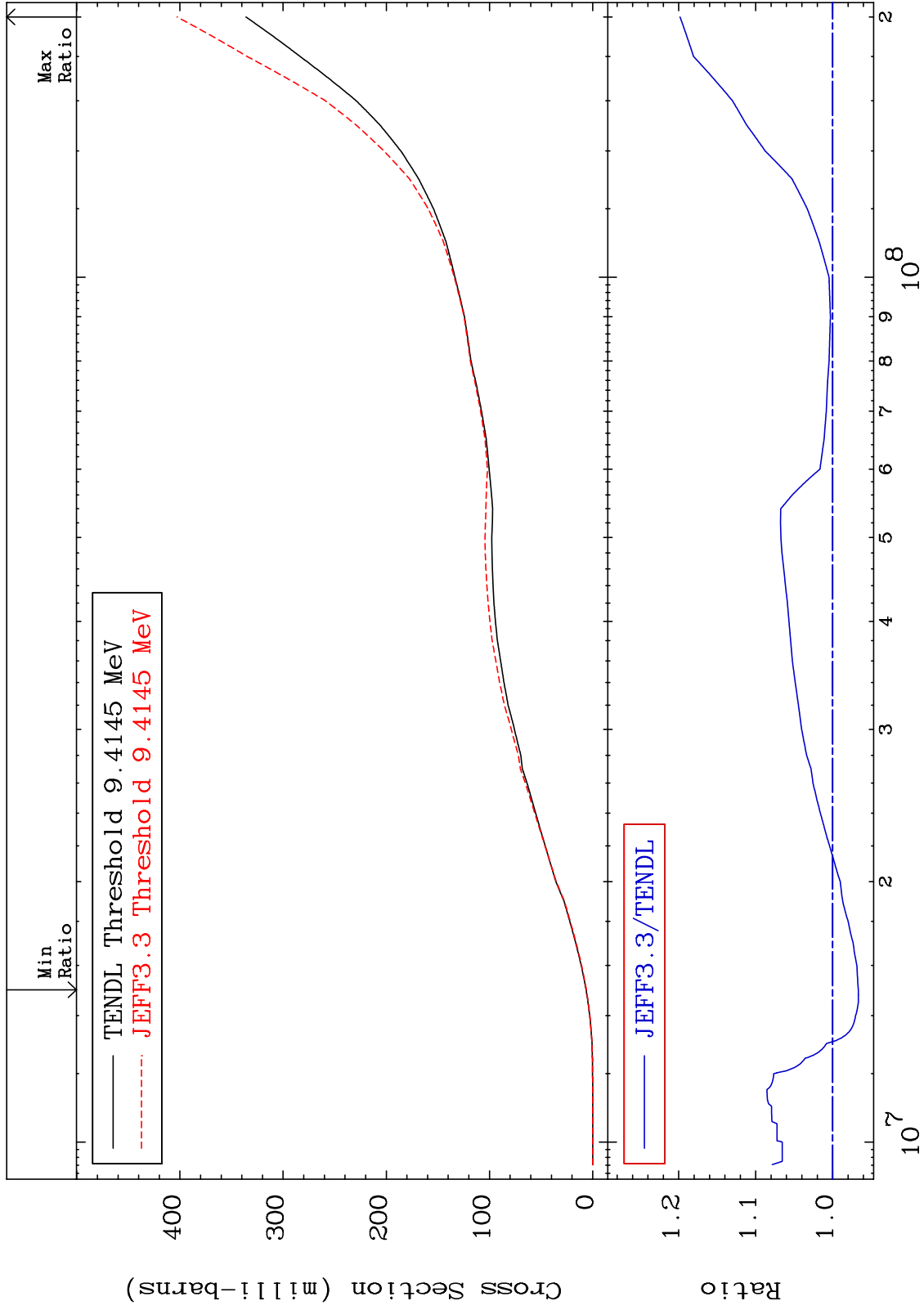
²²Ti-48
-1.083 To 68.44 %



MAT 2231

Deuterium Production
Cross Section

22-Ti-48
-3.348 To 19.83 %



22-Ti-48

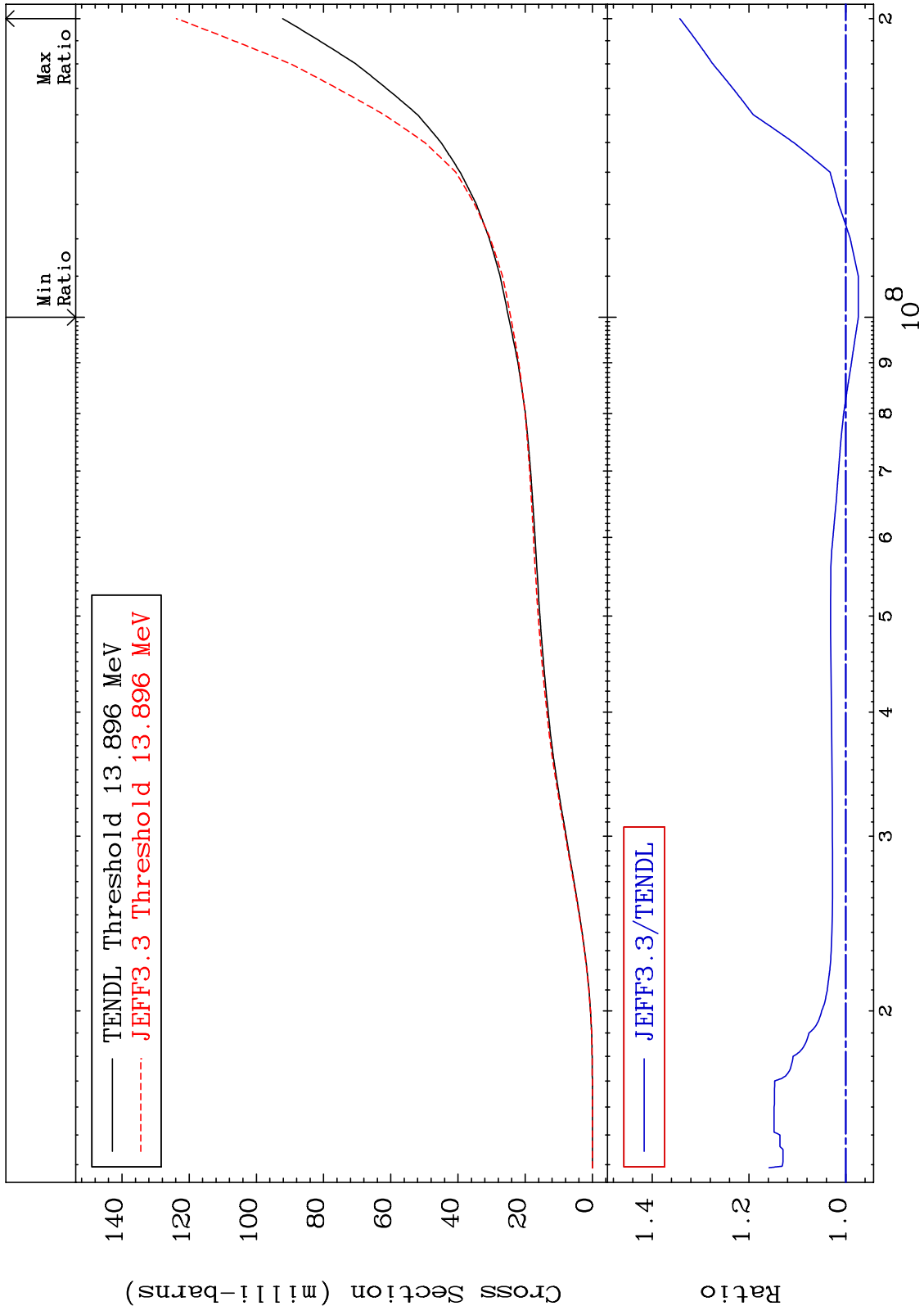
Incident Energy (eV)

60

MAT 2231

Tritium Production
Cross Section

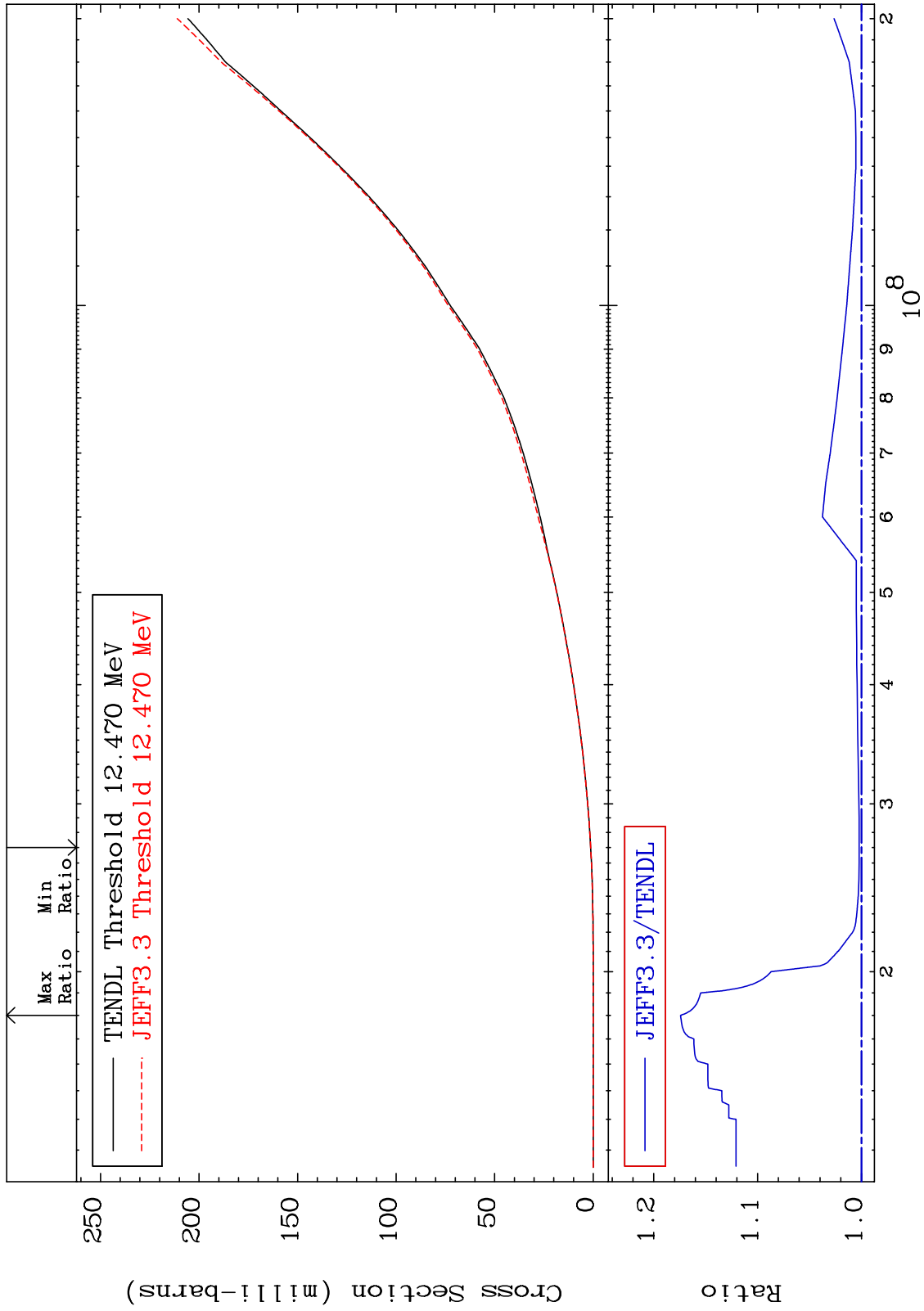
22-Ti-48
-2.603 To 34.29 %



MAT 2231

He-3 Production
Cross Section

22-Ti-48
0.223 To 17.42 %



62

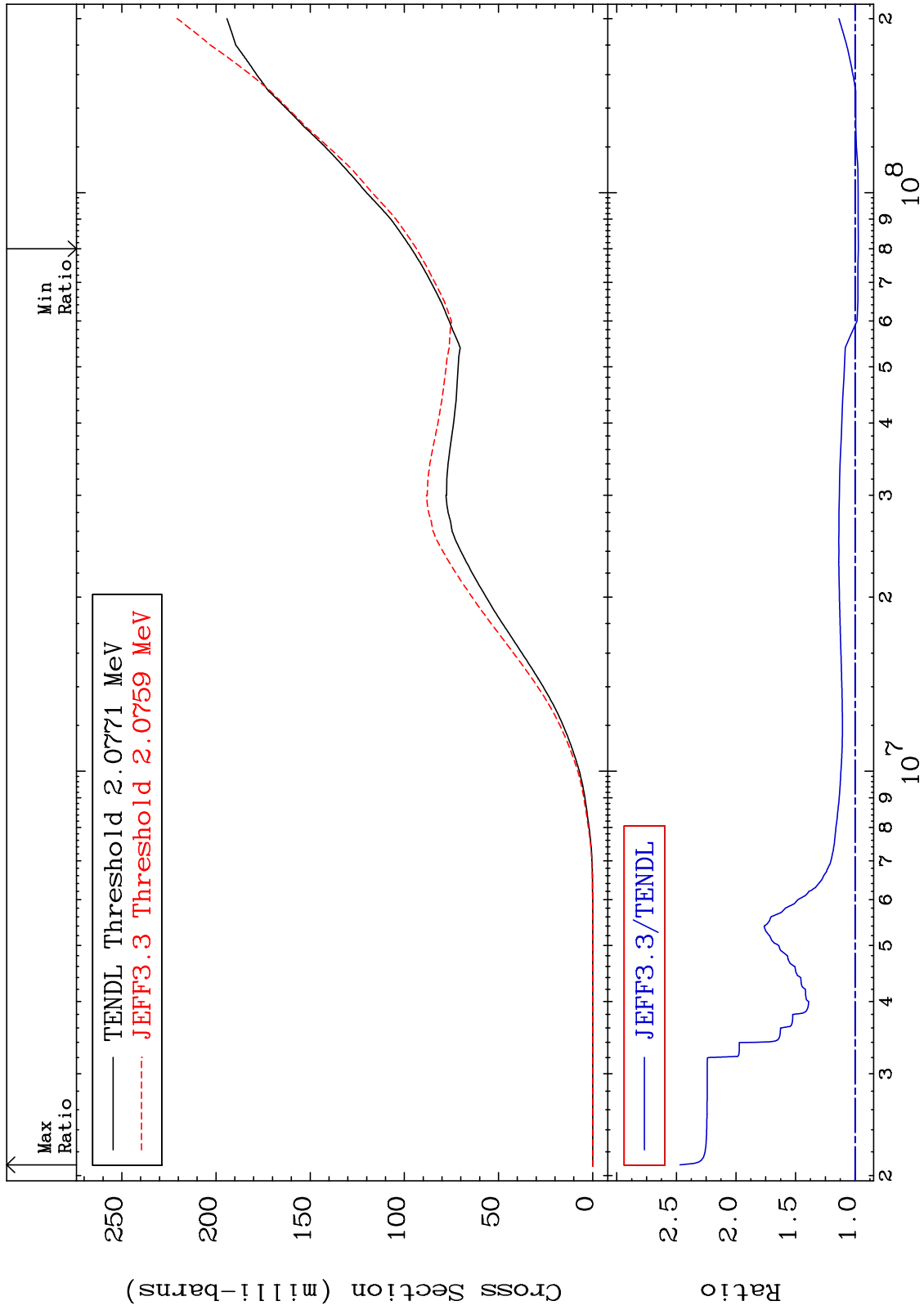
Incident Energy (eV)

22-Ti-48

MAT 2231

He-4 Production
Cross Section

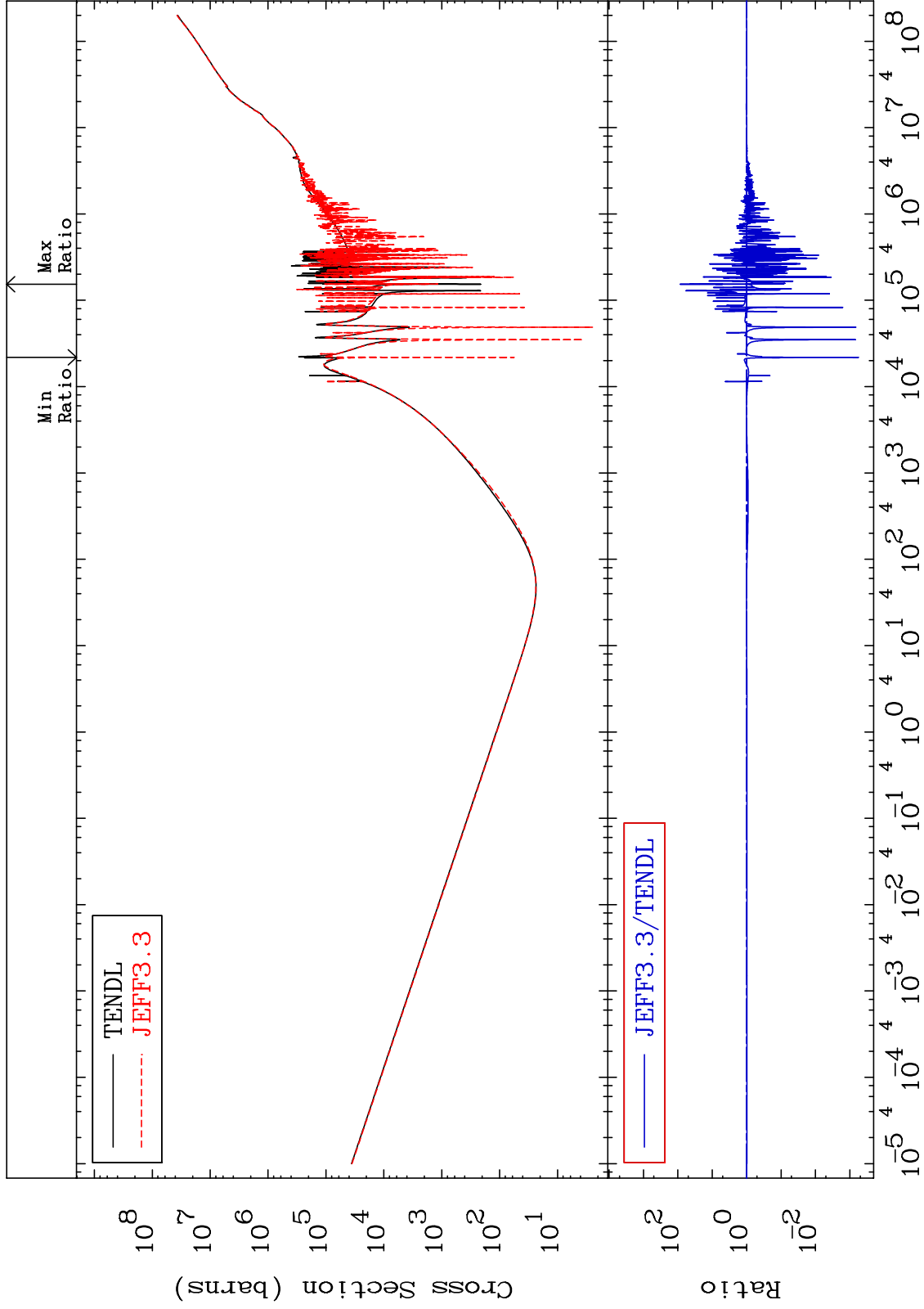
22-Ti-48
-2.750 To 146.9 %



MAT 2231

Kerma total (eV-barns)
Cross Section

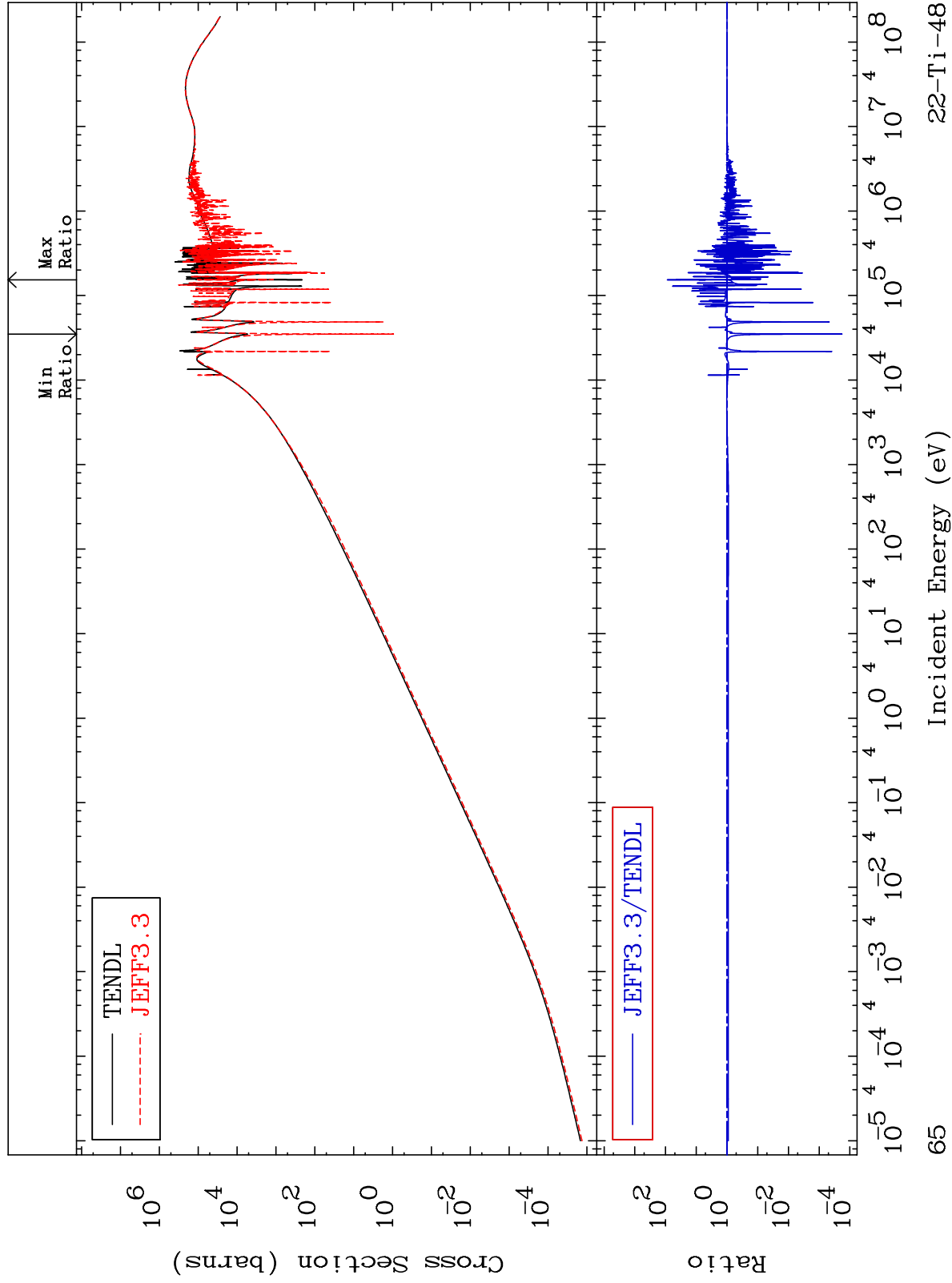
22-Ti-48
-99.94 To 8563. %



MAT 2231

Kerma elastic
Cross Section

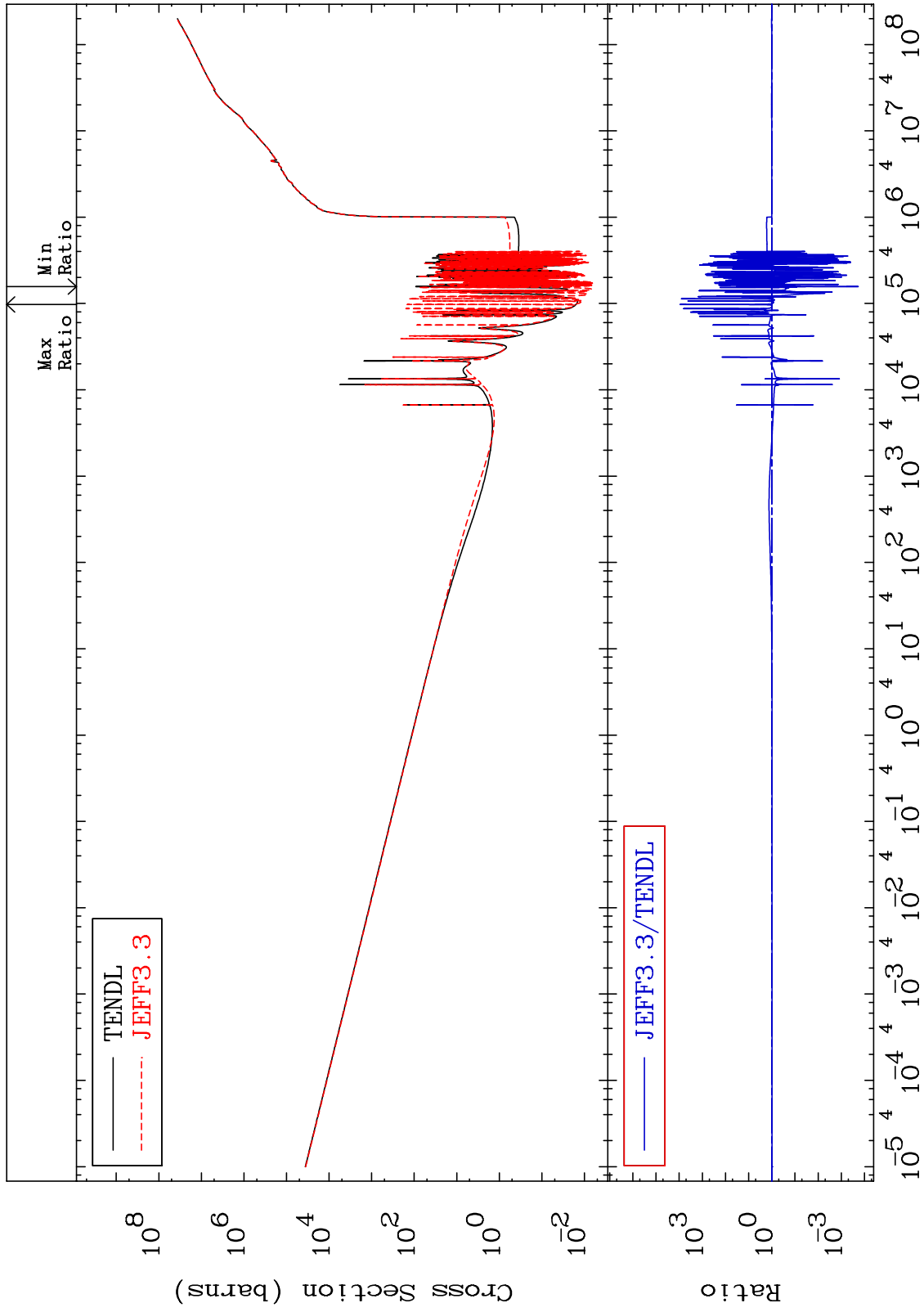
22-Ti-48
-99.98 To 8560. %



MAT 2231

Kerma non-elastic (all but mt2)
Cross Section

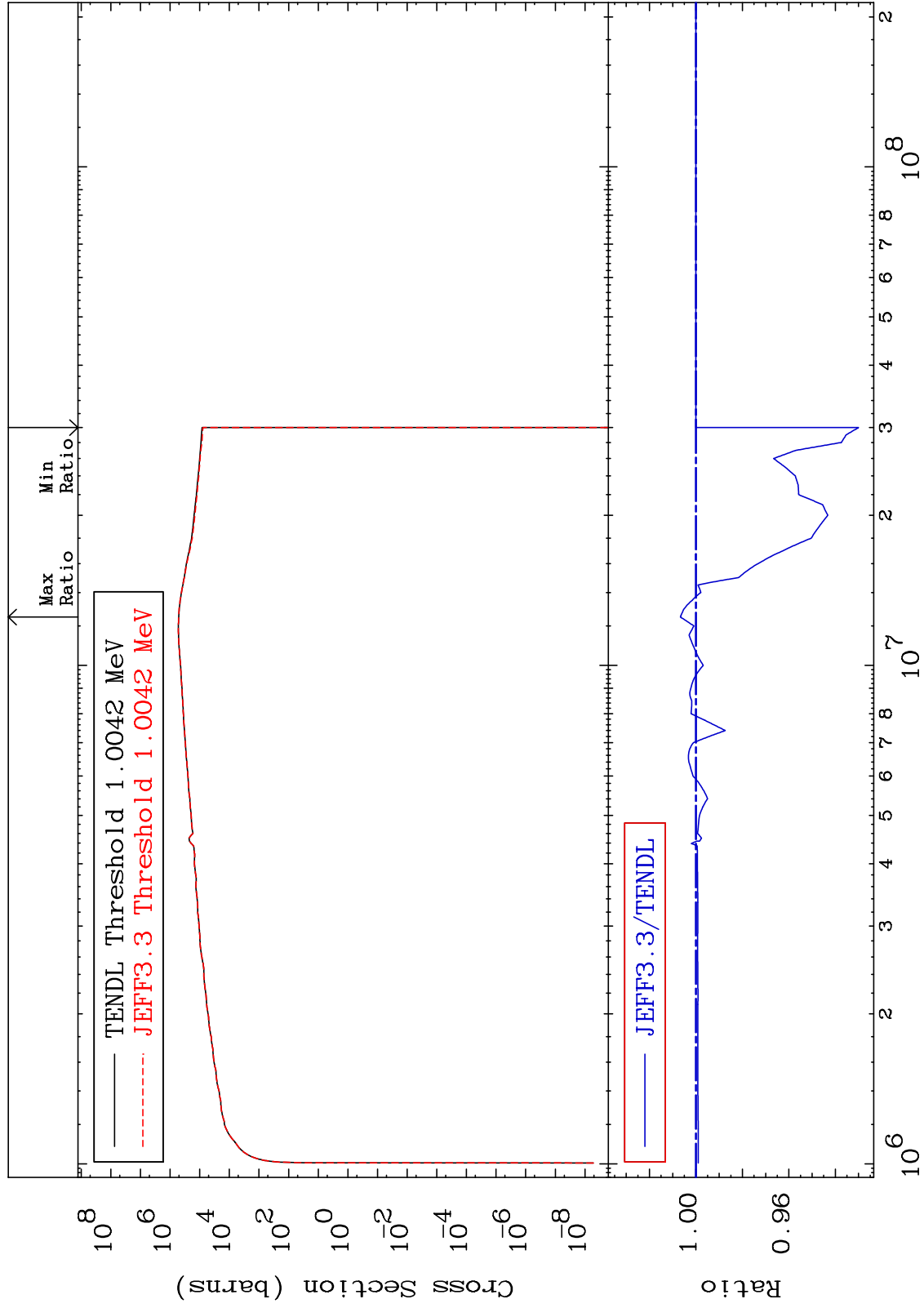
22-Ti-48
-99.98 To 9999. %



MAT 2231

Kerma inelastic (mt51-91)
Cross Section

22-Ti-48
-7.000 To 0.667 %



Incident Energy (eV)

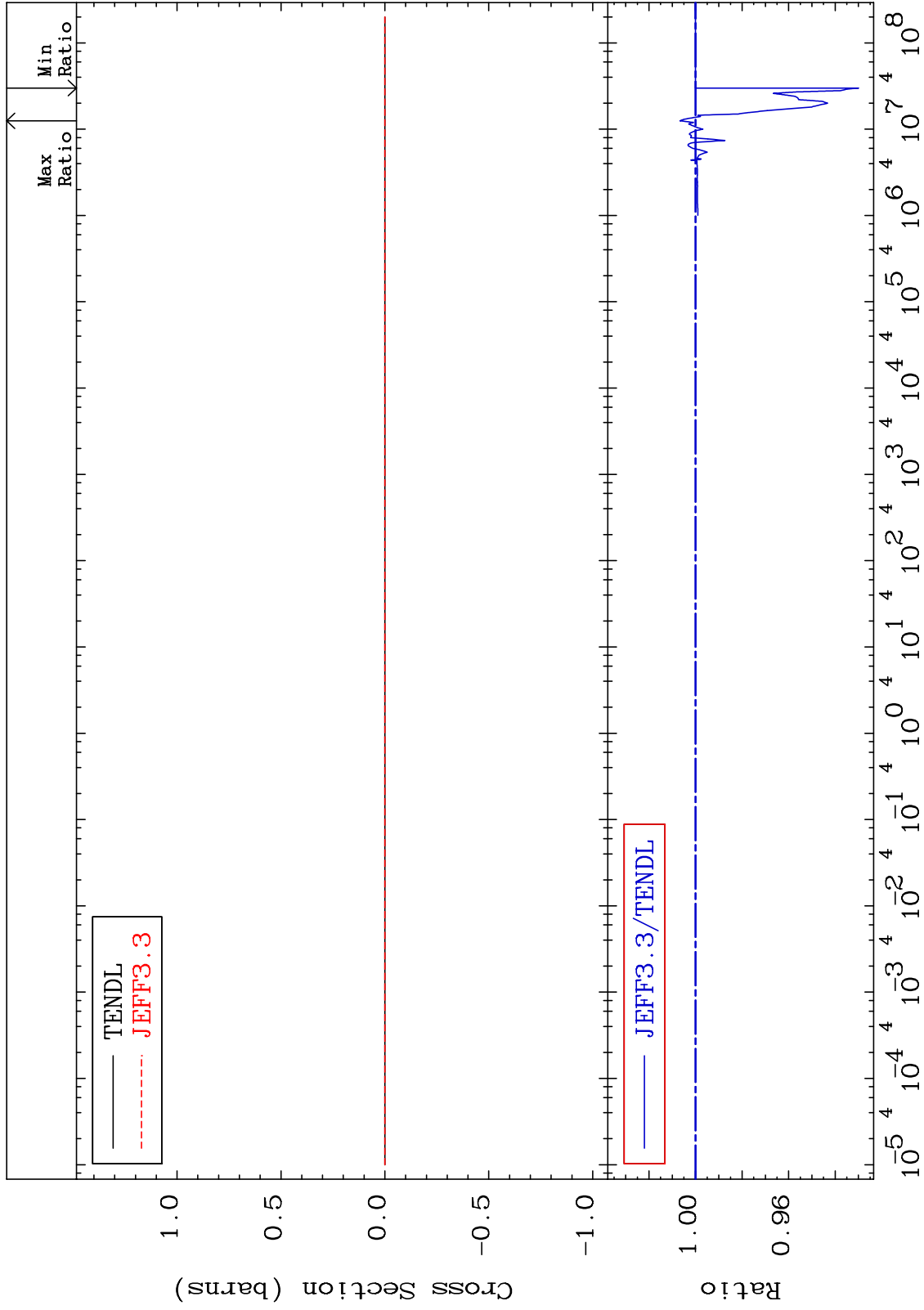
22-Ti-48

67

MAT 2231

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

22-Ti-48
-7.000 To 0.667 %



68

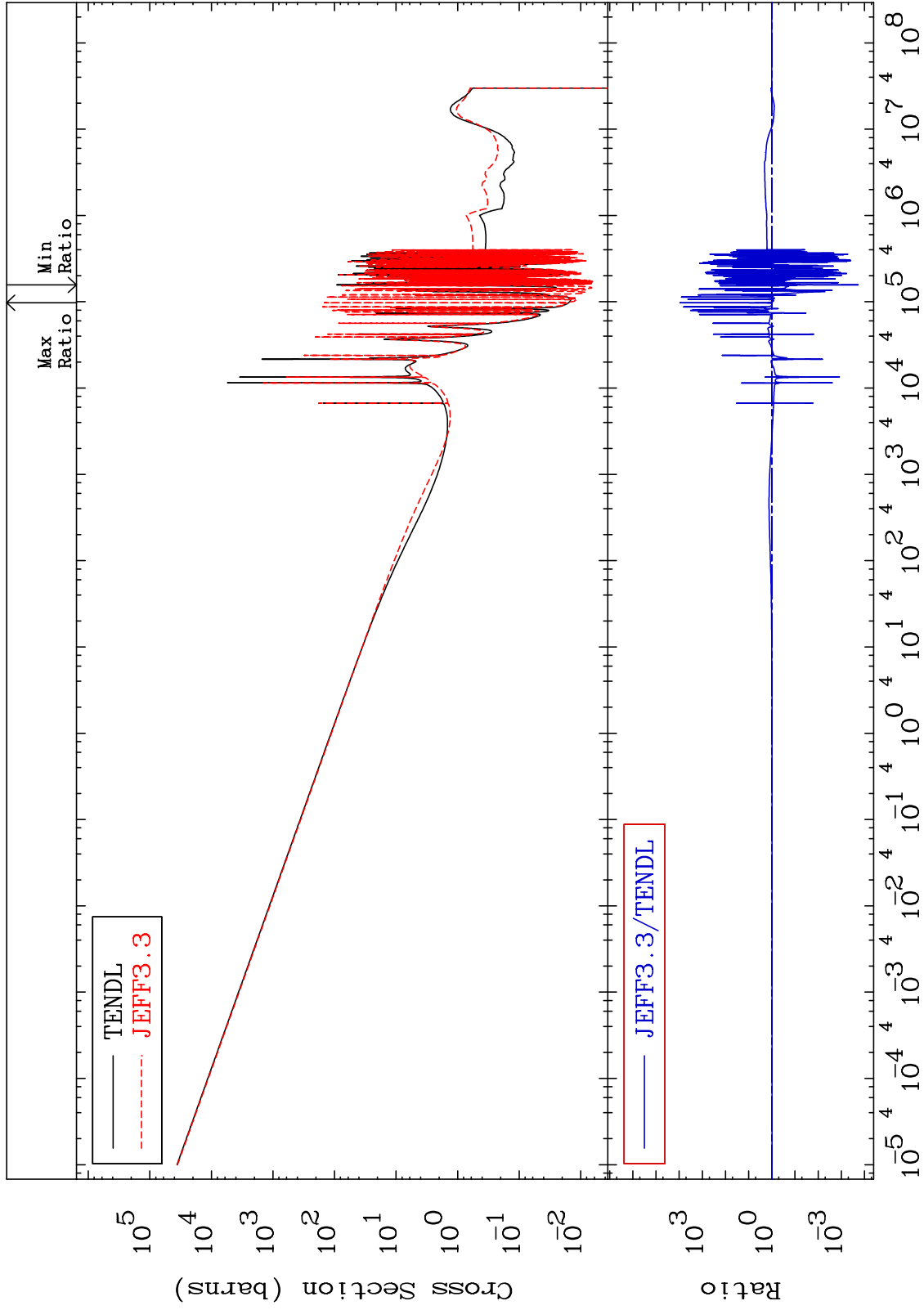
Incident Energy (eV)

22-Ti-48

MAT 2231

Kerma capture (mt102)
Cross Section

22-Ti-48
-99.98 To 9999. %



69

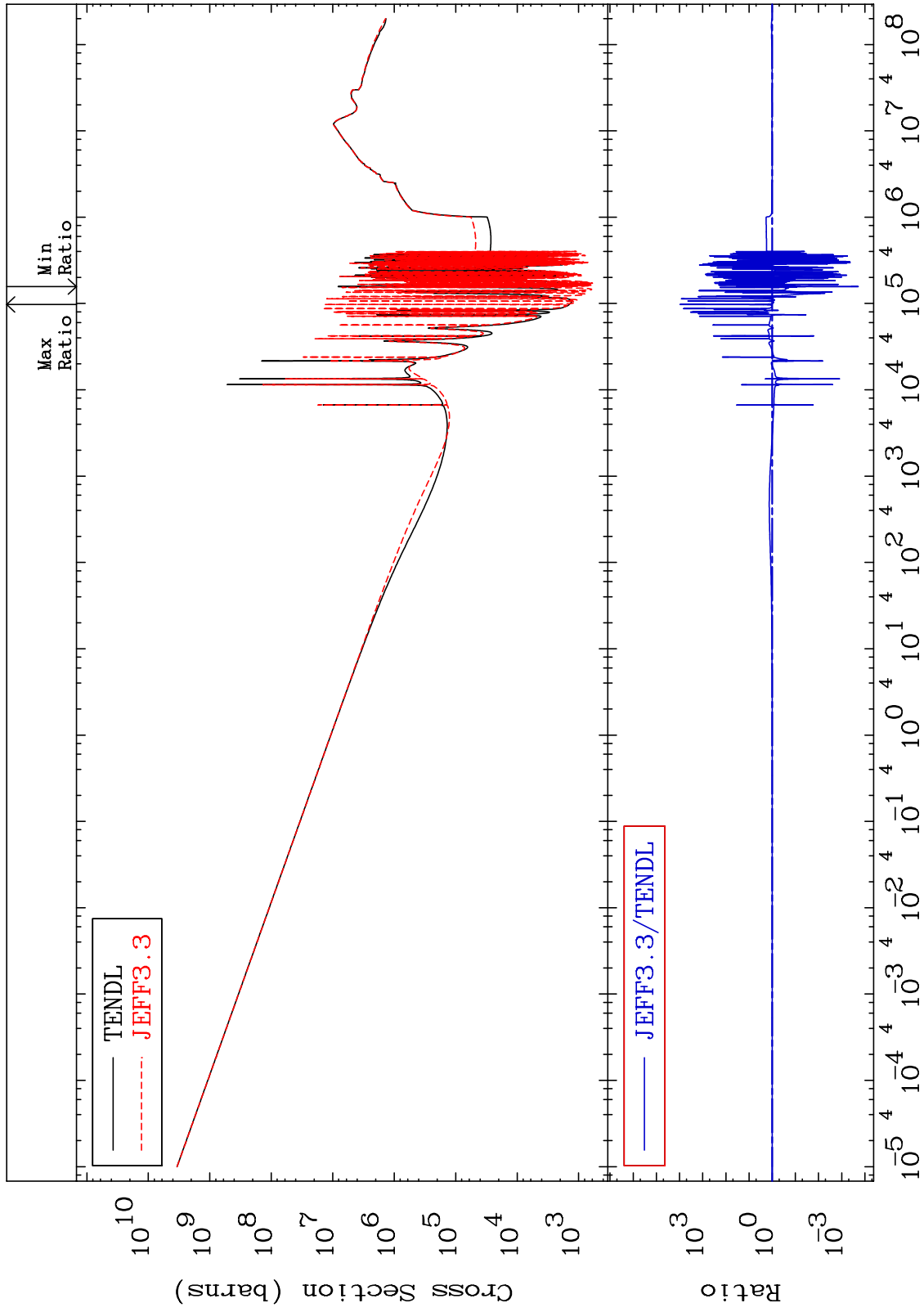
Incident Energy (eV)

22-Ti-48

MAT 2231

Total photon (eV-barns)
Cross Section

22-Ti-48
-99.98 To 9999. %



70

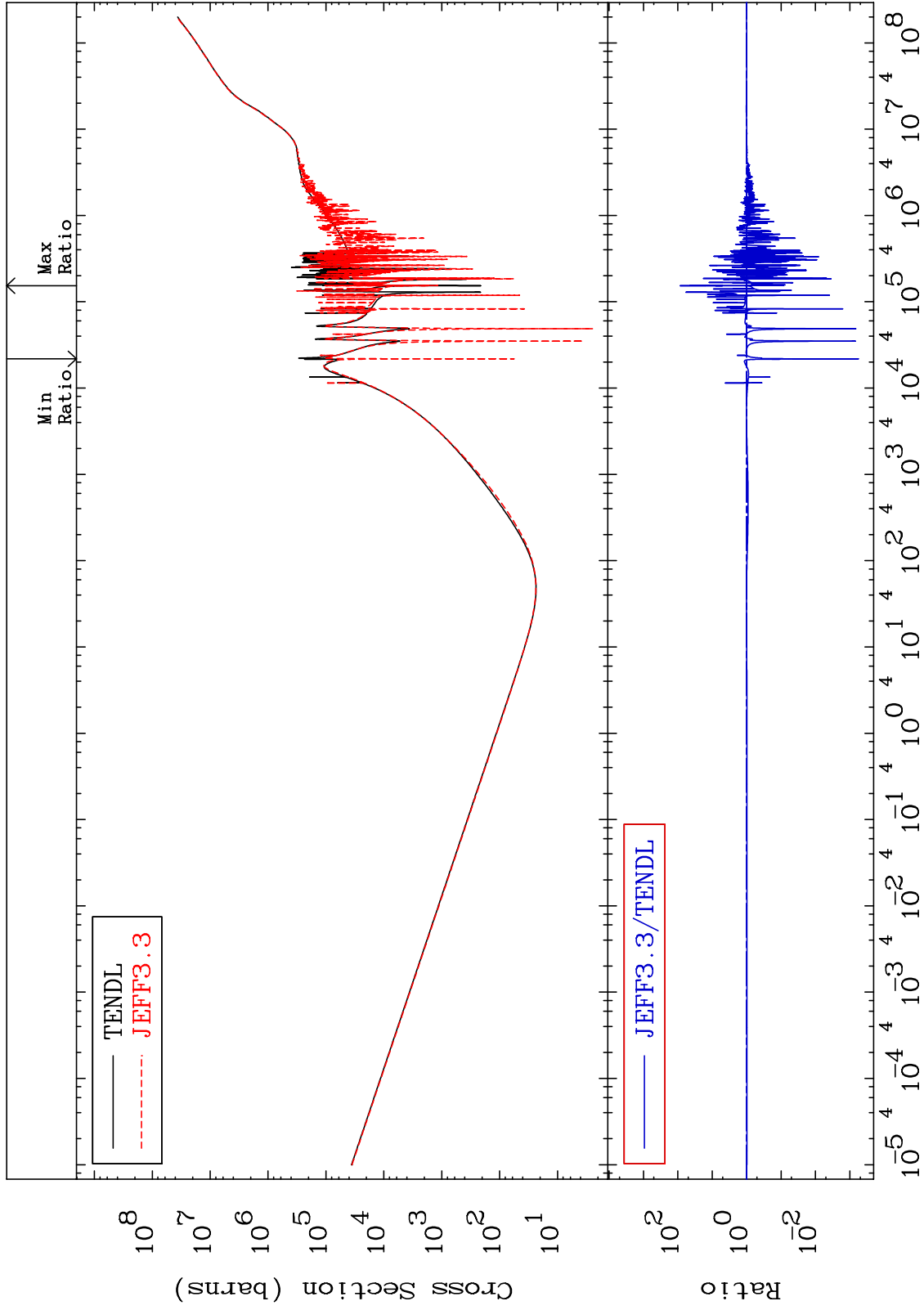
Incident Energy (eV)

22-Ti-48

MAT 2231

Total kinematic kerma (high limit)
Cross Section

22-Ti-48
-99.94 To 8563. %



71

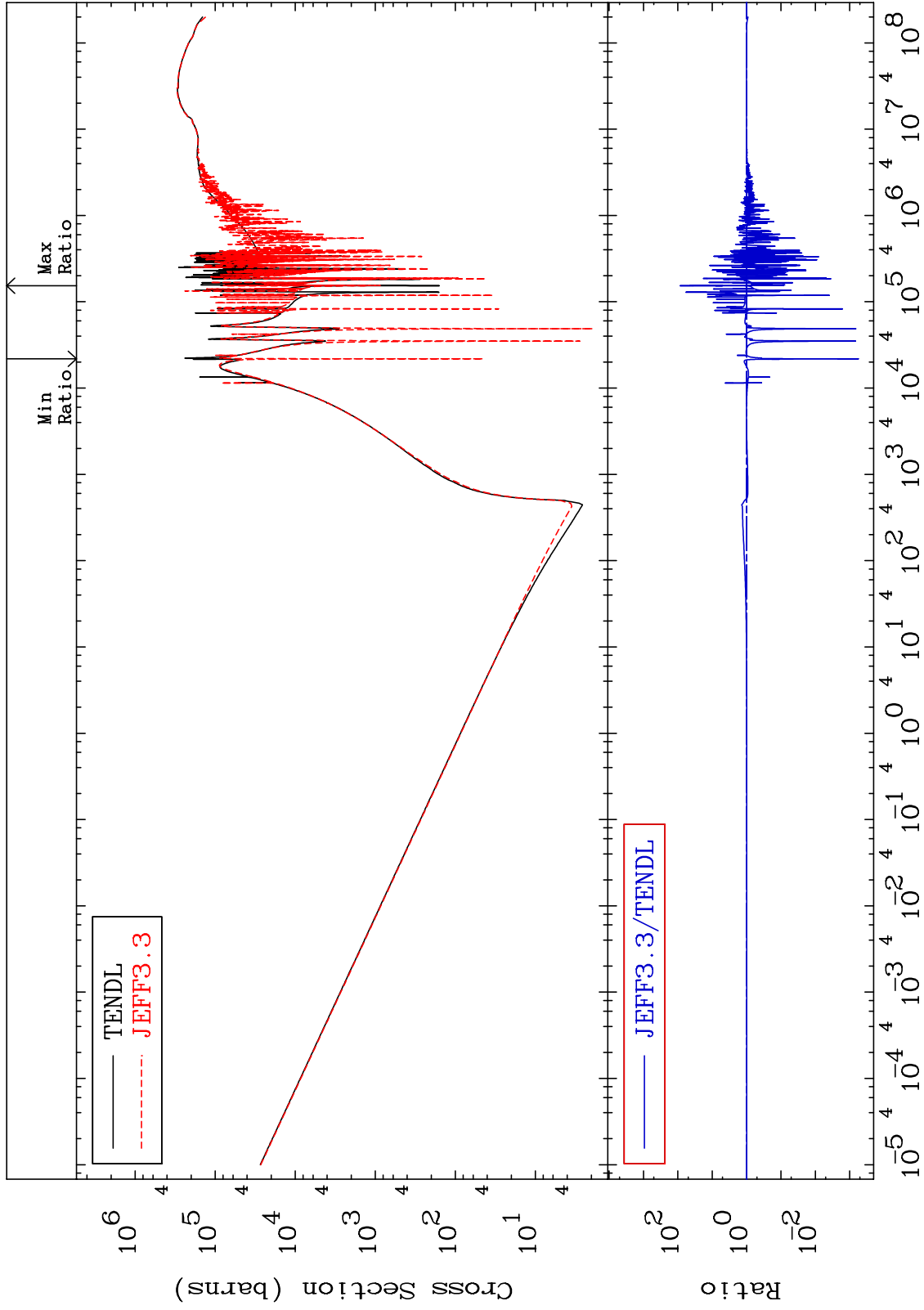
Incident Energy (eV)

22-Ti-48

MAT 2231

Dpa total (eV-barns)
Cross Section

22-Ti-48
-99.94 To 8564. %



72

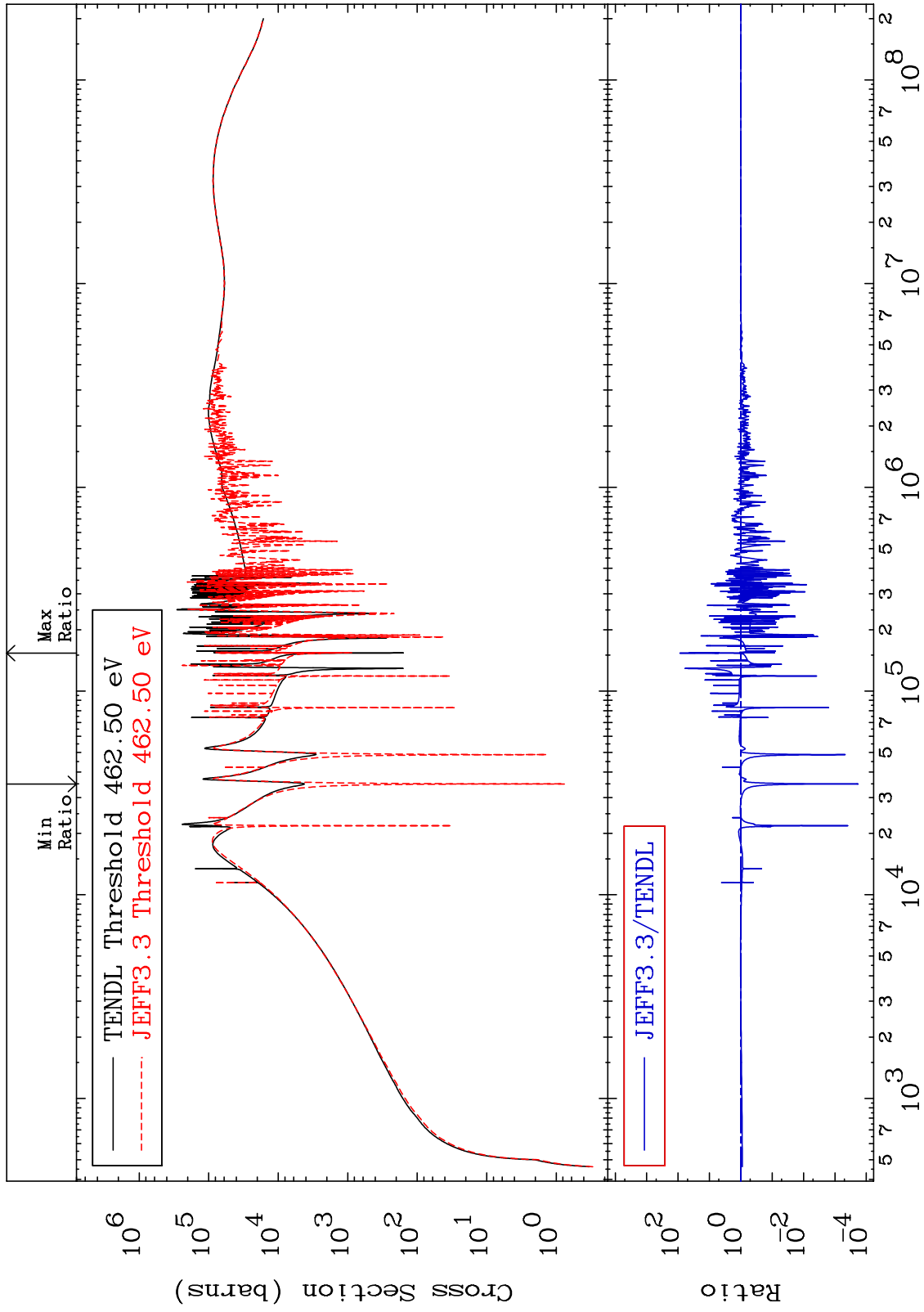
Incident Energy (eV)

22-Ti-48

MAT 2231

Dpa elastic (mt2)
Cross Section

22-Ti-48
-99.98 To 8560. %



73

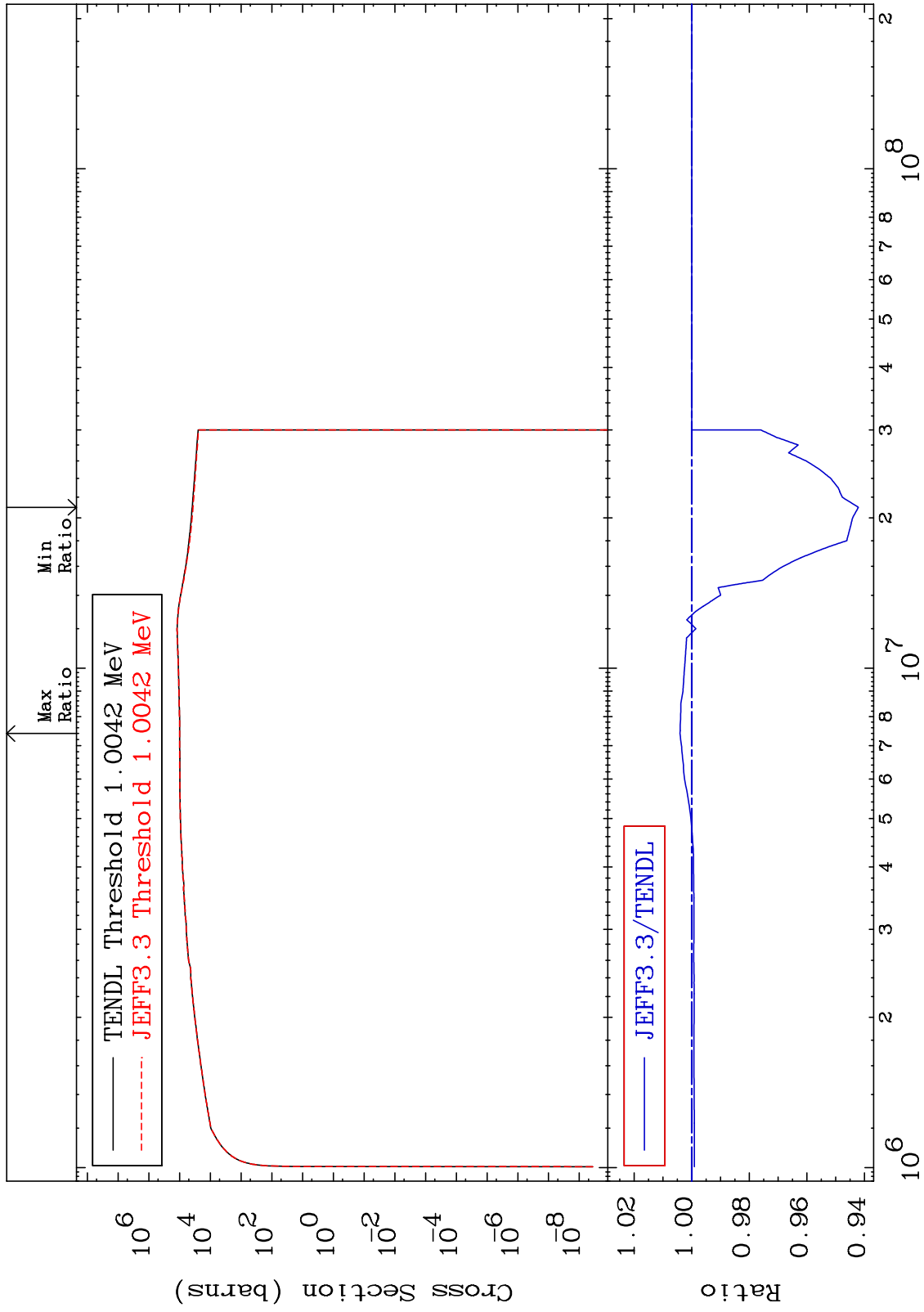
Incident Energy (eV)

22-Ti-48

MAT 2231

Dpa inelastic (mt51-91)
Cross Section

22-Ti-48
-5.787 To 0.405 %



74

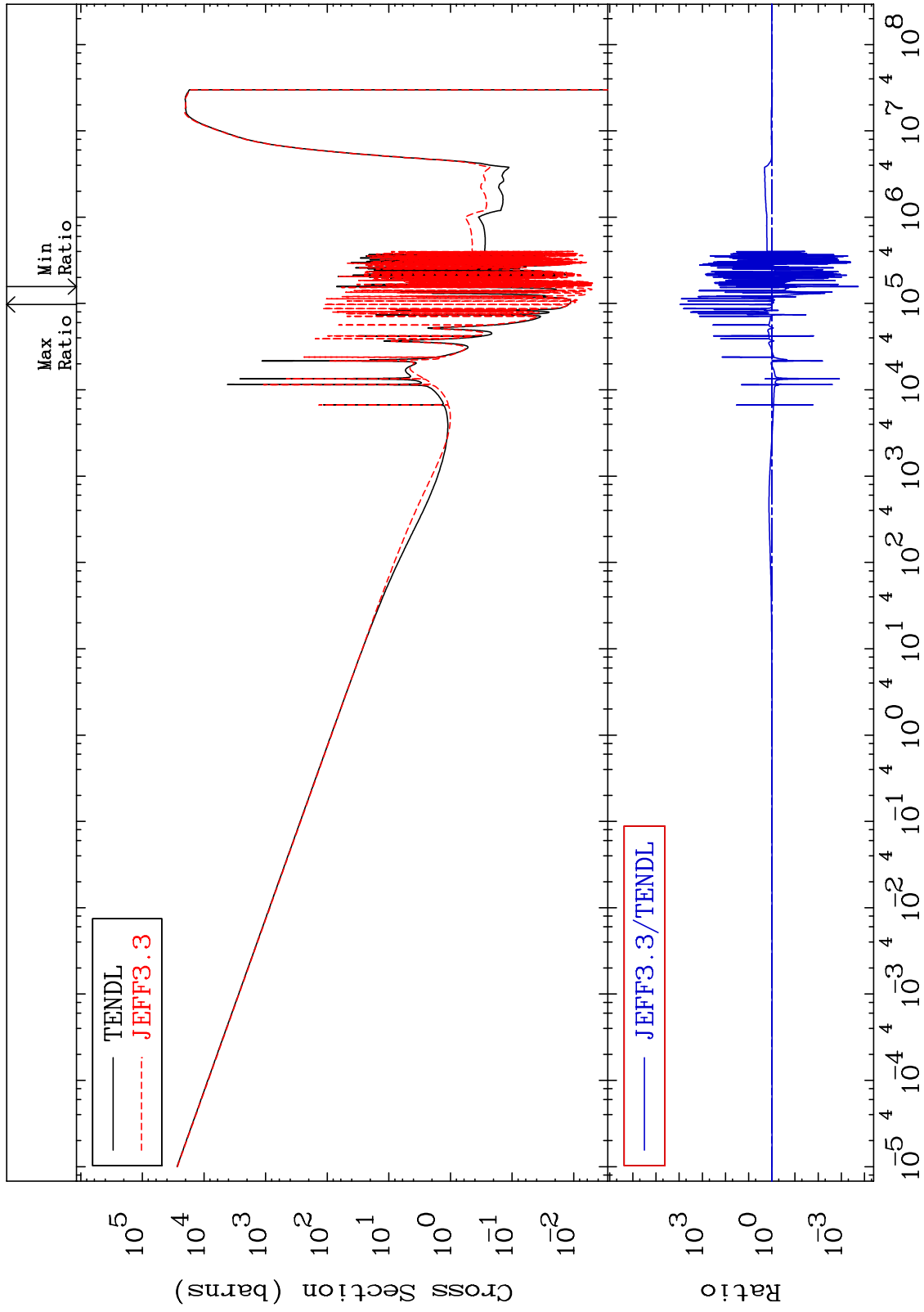
Incident Energy (eV)

22-Ti-48

MAT 2231

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-48
-99.98 To 9999. %



75

Incident Energy (eV)

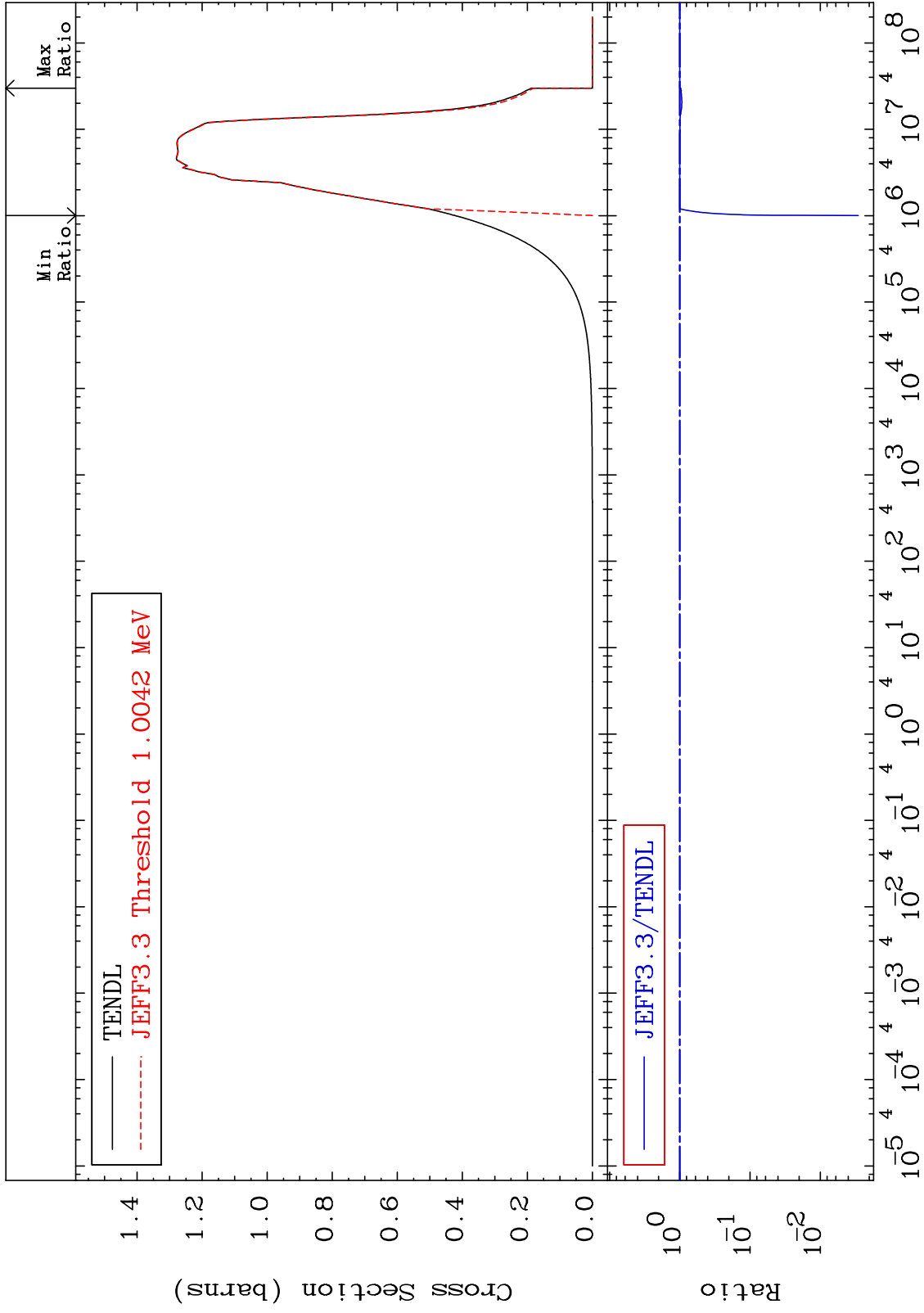
22-Ti-48

MAT 2231

Inelastic:22-Ti-48g

22-Ti-48

Radionuclide Production Cross Section -99.71 To 0.000 %



76

Incident Energy (eV)

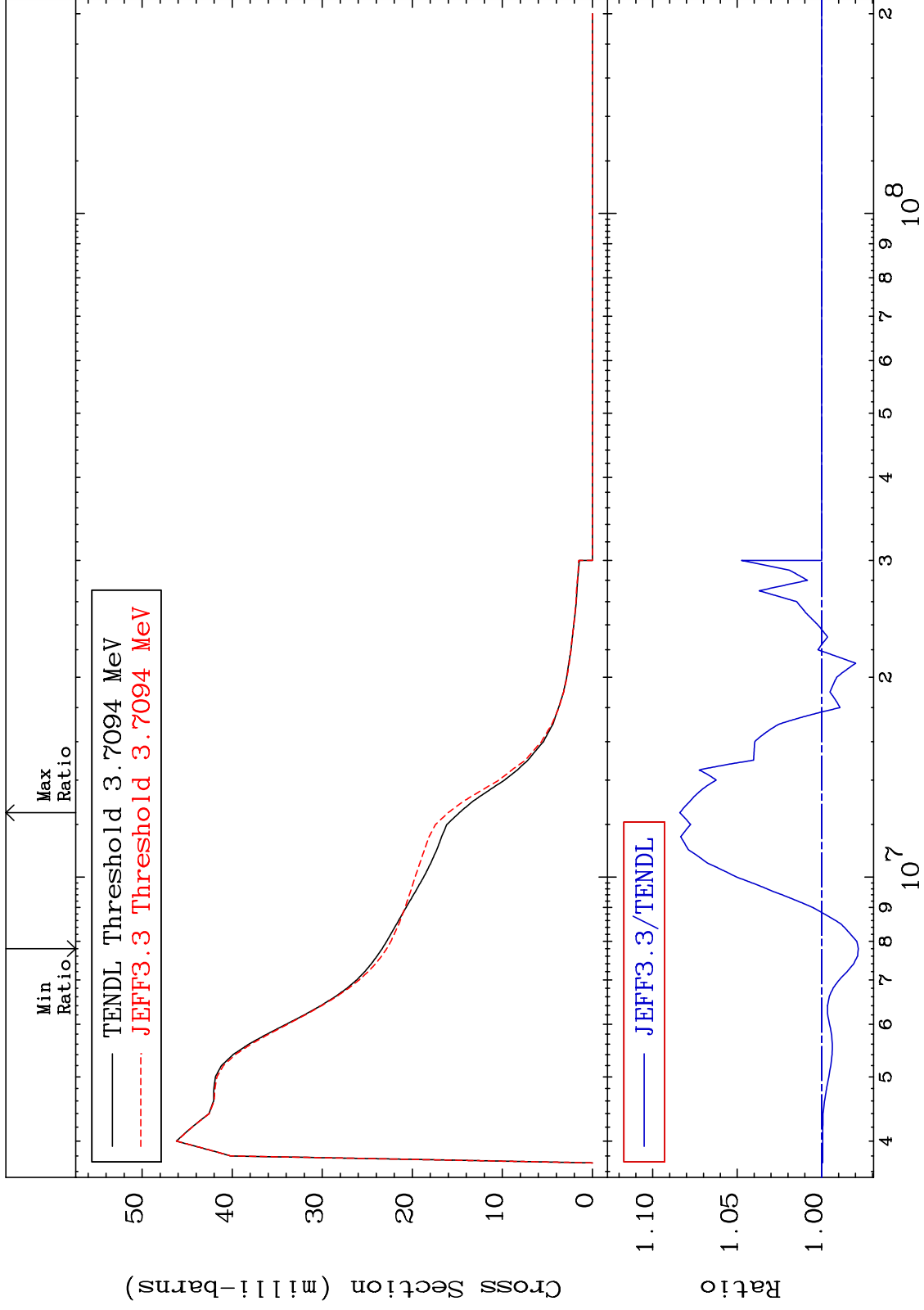
22-Ti-48

MAT 2231

Inelastic:22-Ti-48m14

22-Ti-48

Radionuclide Production Cross Section -2.167 To 8.400 %



77

Incident Energy (eV)

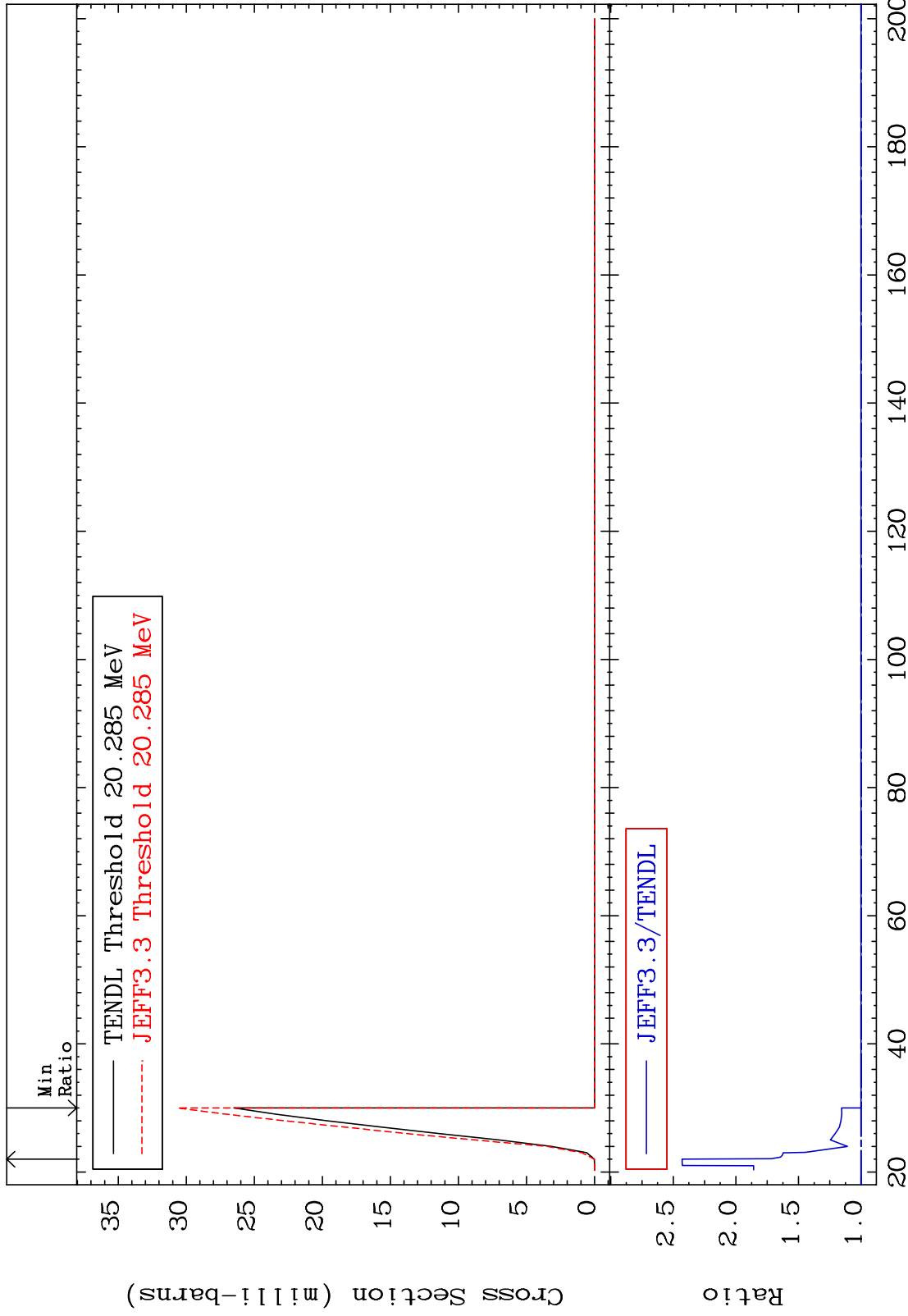
22-Ti-48

MAT 2231

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

22-Ti-48

Radionuclide Production Cross Section 0.000 To 142.9 %



Incident Energy (MeV)

78

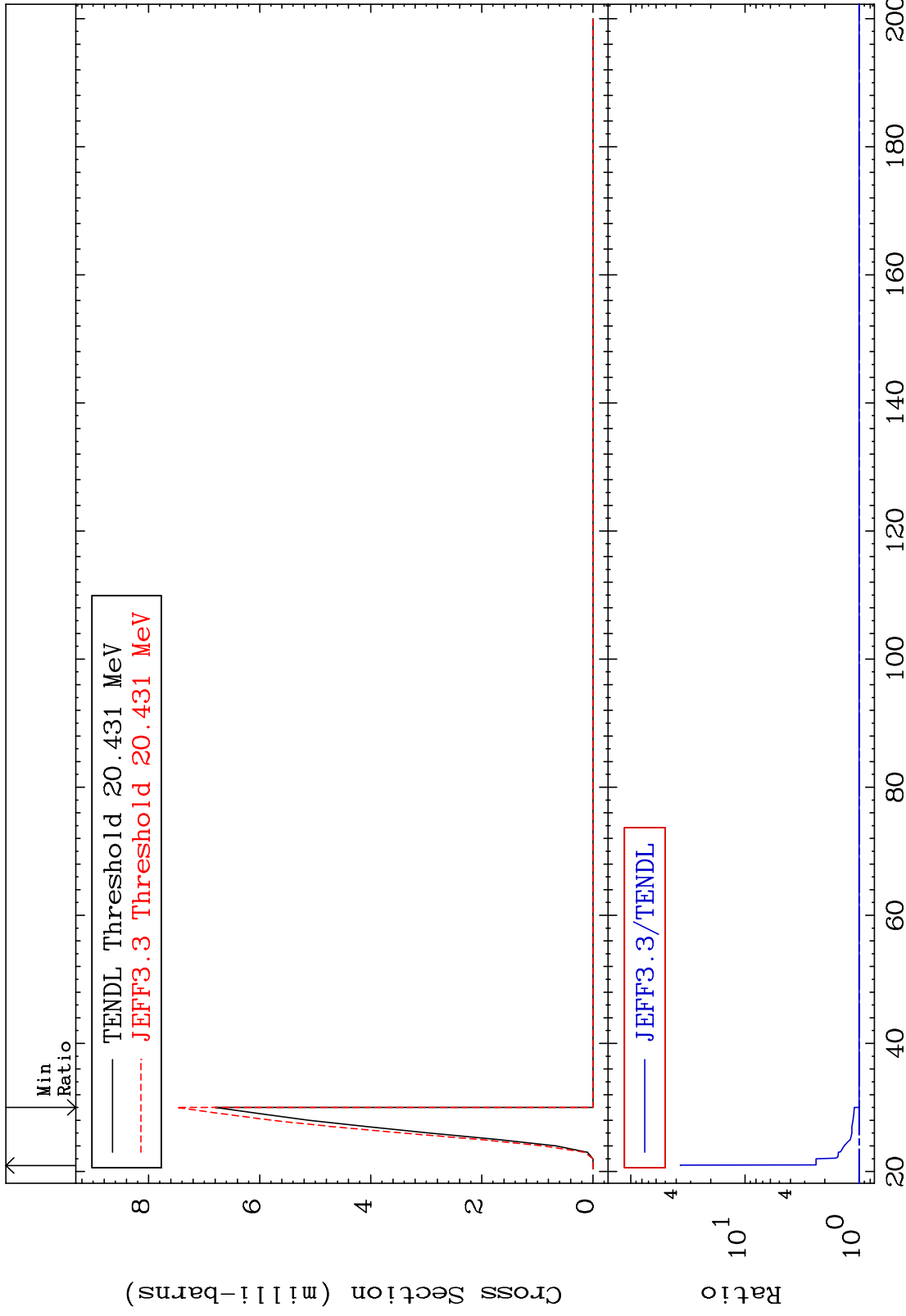
22-Ti-48

MAT 2231

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

22-Ti-48

Radionuclide Production Cross Section 0.000 To 3578. %



79

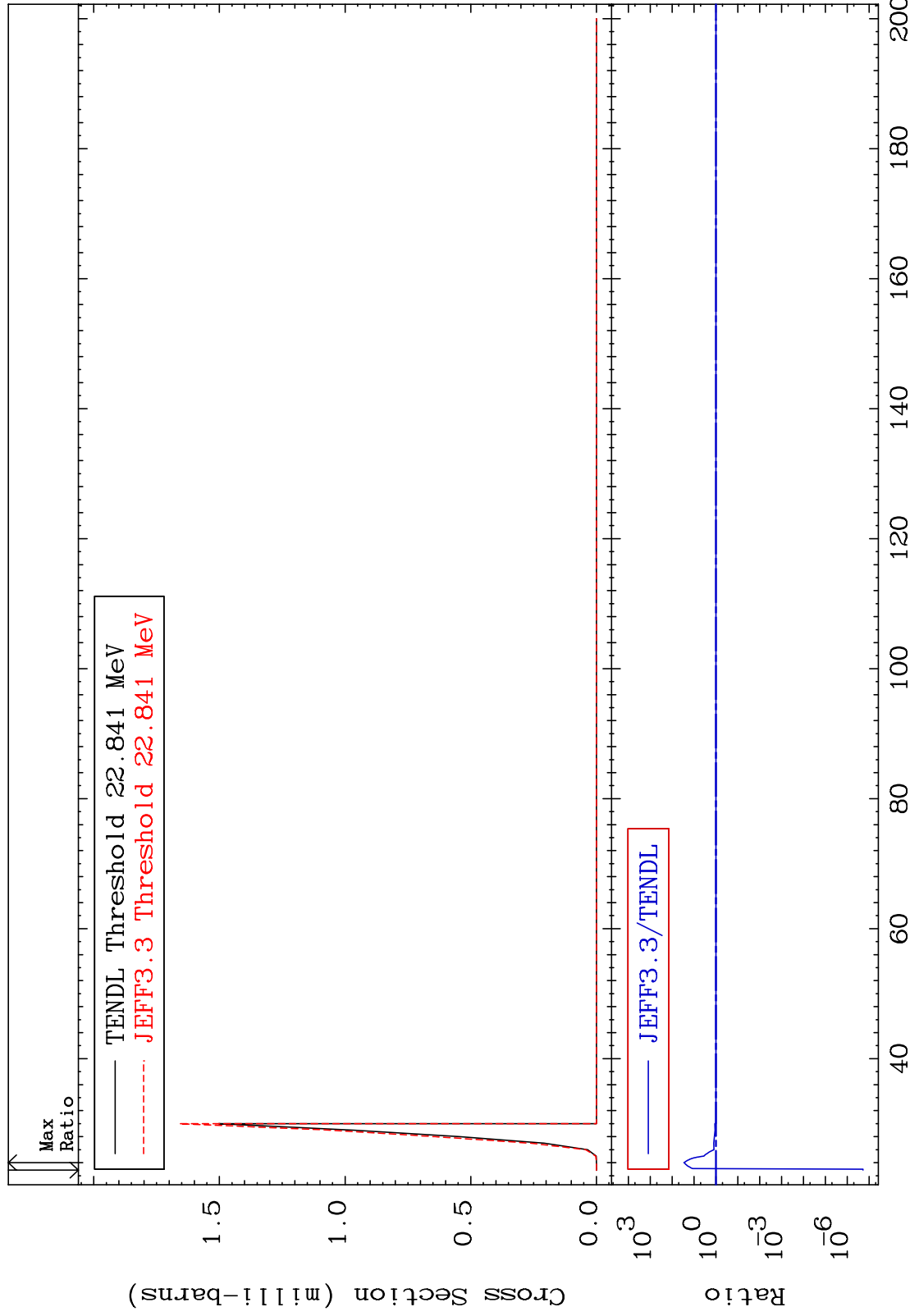
22-Ti-48

MAT 2231

(n, n') t:21-Sc-45g

22-Ti-48

Radionuclide Production Cross Section -100.0 To 2745. %



80

Incident Energy (MeV)

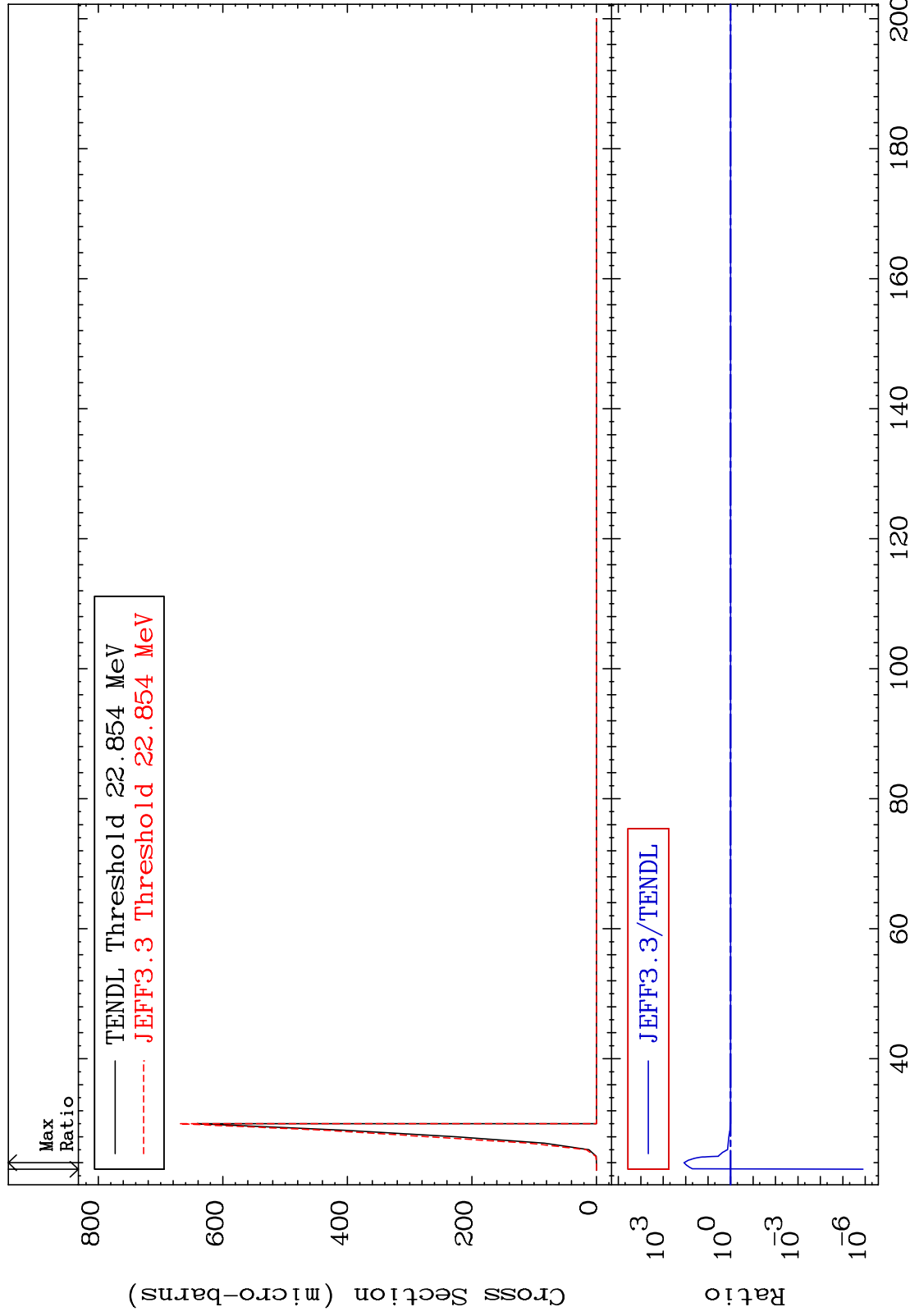
22-Ti-48

MAT 2231

(n, n') t:21-Sc-45m1

22-Ti-48

Radionuclide Production Cross Section -100.0 To 9999. %

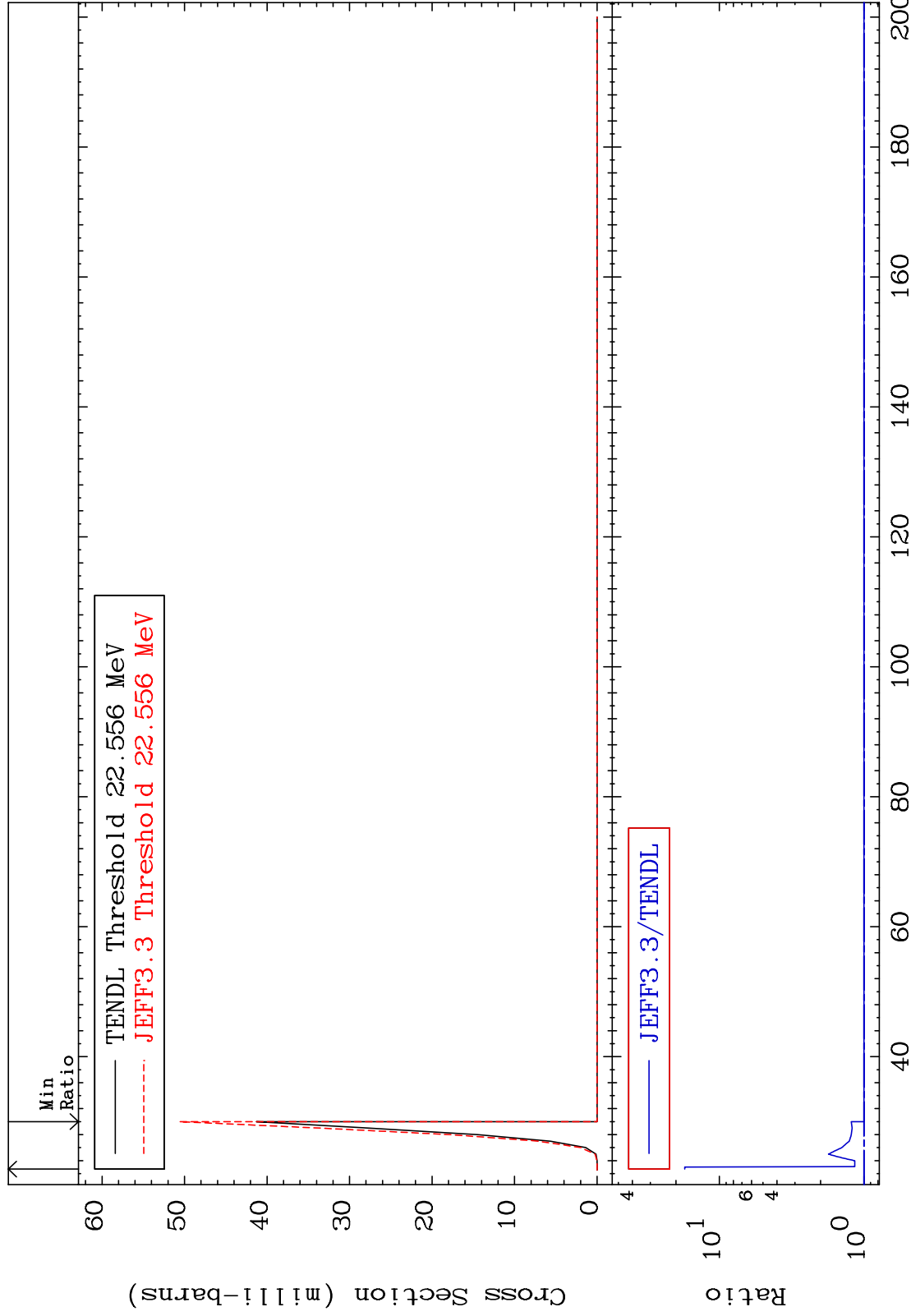


MAT 2231

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

22-Ti-48

Radionuclide Production Cross Section 0.000 To 1635. %



82

Incident Energy (MeV)

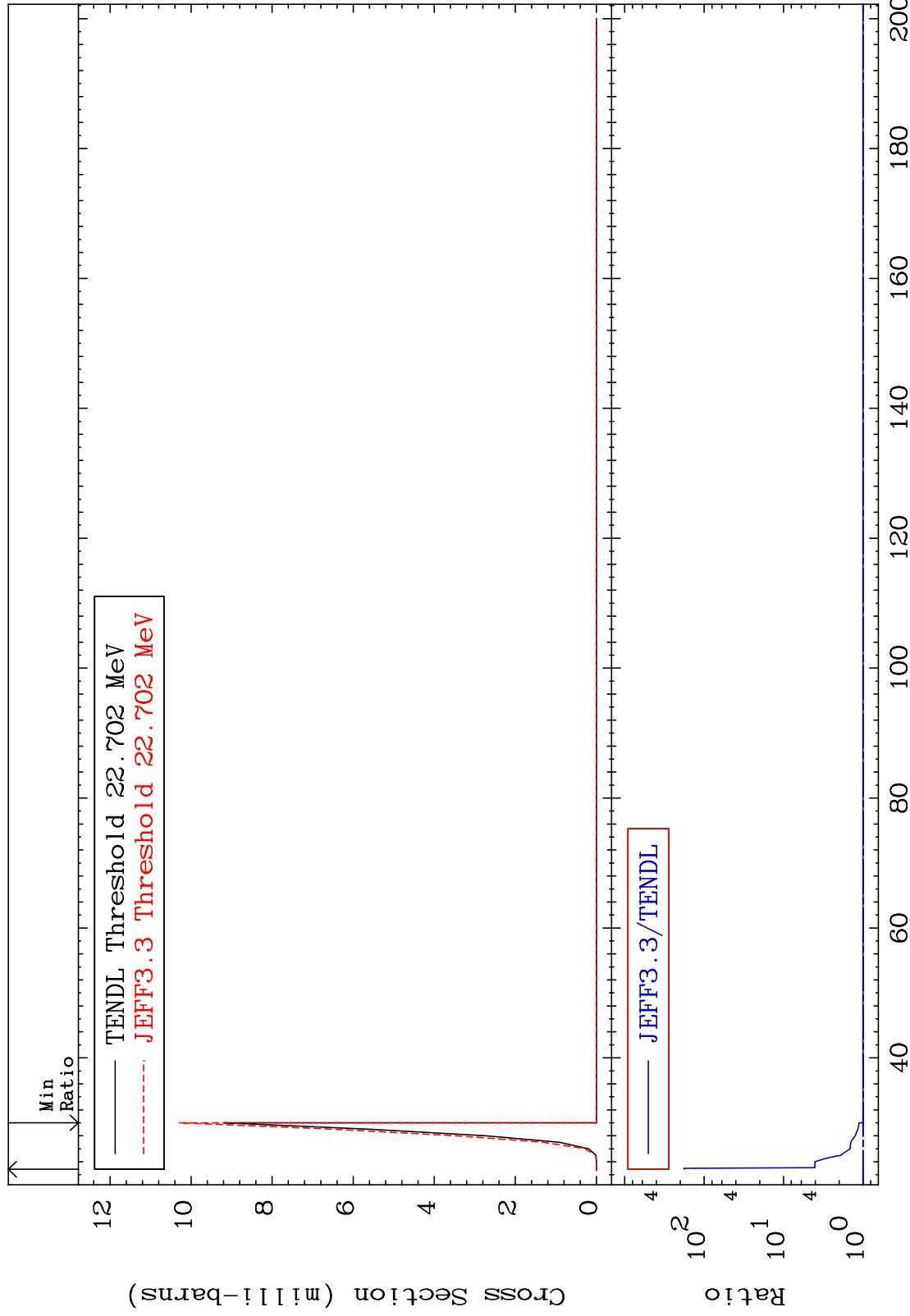
22-Ti-48

MAT 2231

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

22-Ti-48

Radionuclide Production Cross Section 0.000 To 9999. %

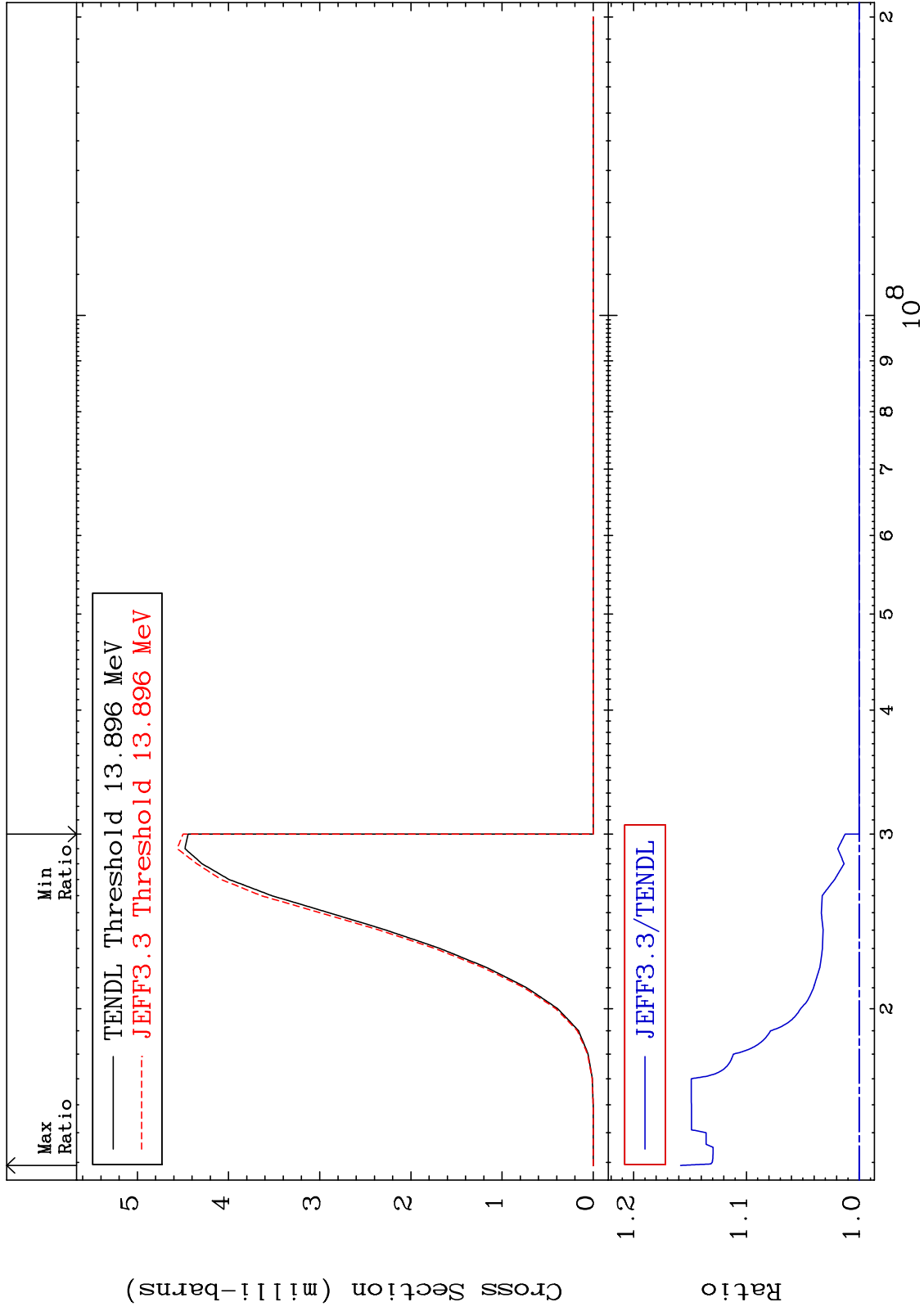


MAT 2231

(n, t) : 21-Sc-46g

22-Ti-48

Radionuclide Production Cross Section 0.000 To 15.83 %



MAT 2231

(n, t):21-Sc-46m2

22-Ti-48

Radionuclide Production Cross Section -2.230 To 14.61 %

