

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

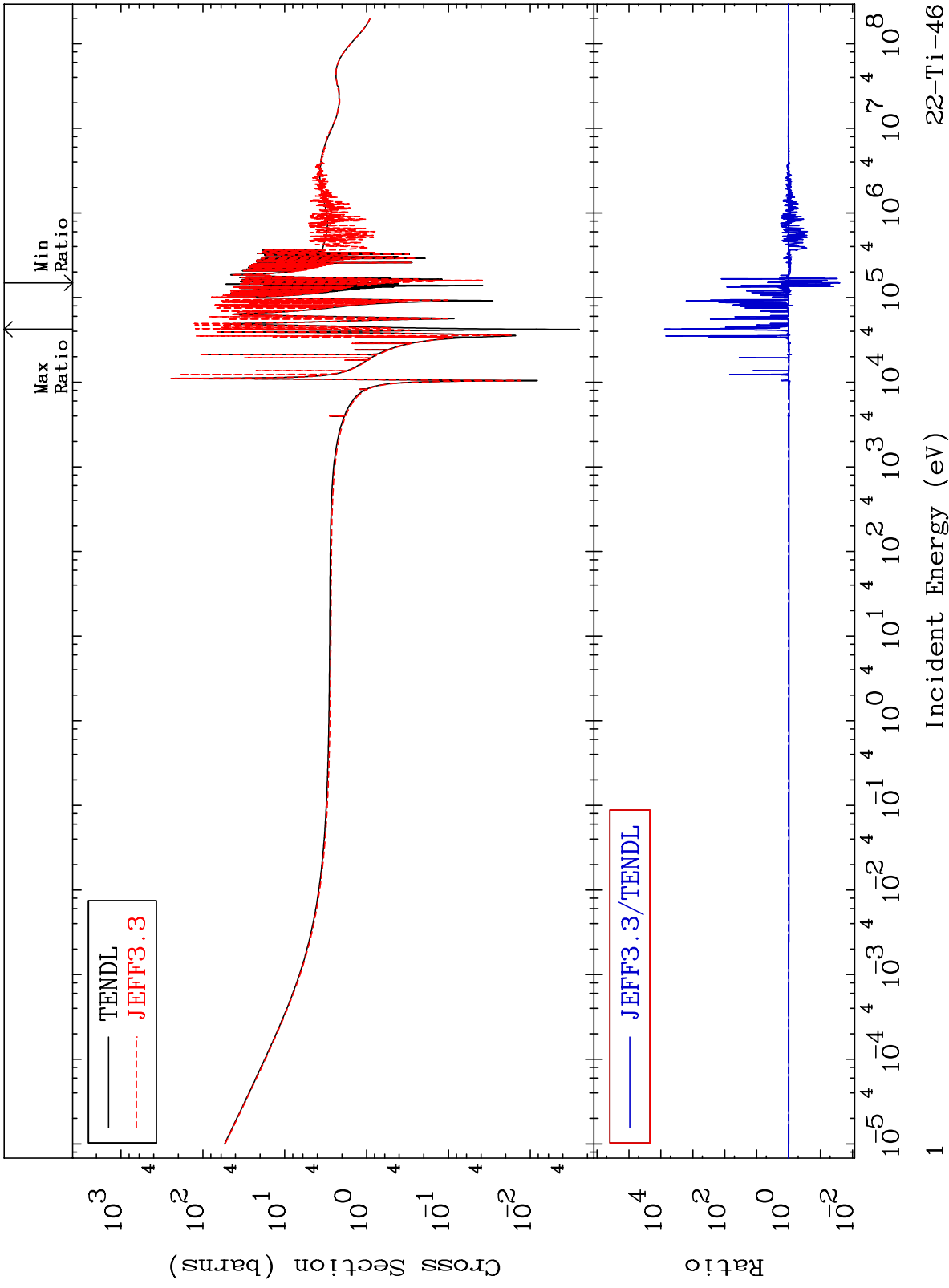
MAT 2225

Total

22-Ti-46

Cross Section

-97.50 To 9999. %



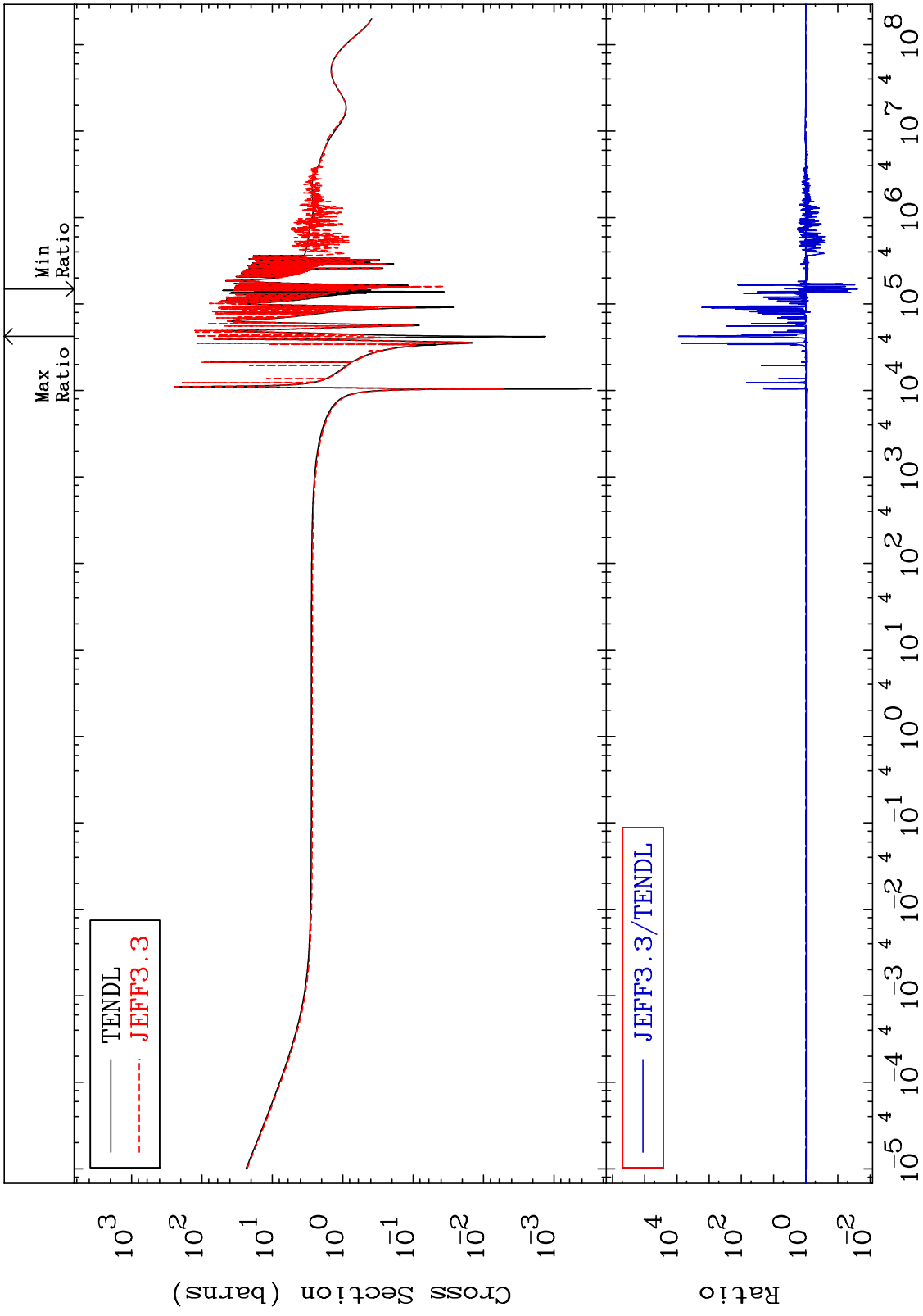
Incident Energy (eV)

22-Ti-46

MAT 2225

Elastic
Cross Section

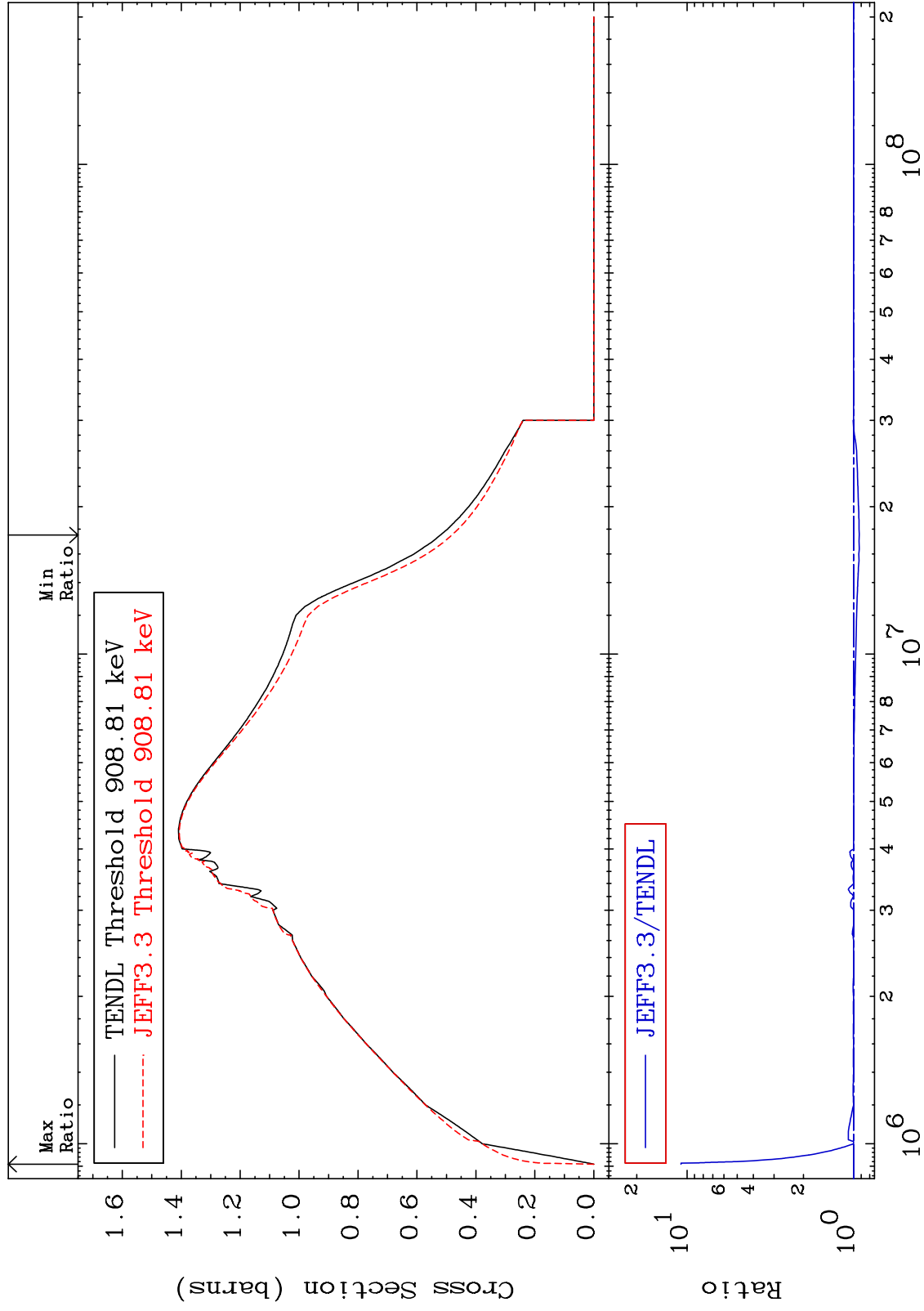
22-Ti-46
-97.50 To 9999. %



MAT 2225

Inelastic
Cross Section

22-Ti-46
-7.603 To 985.4 %



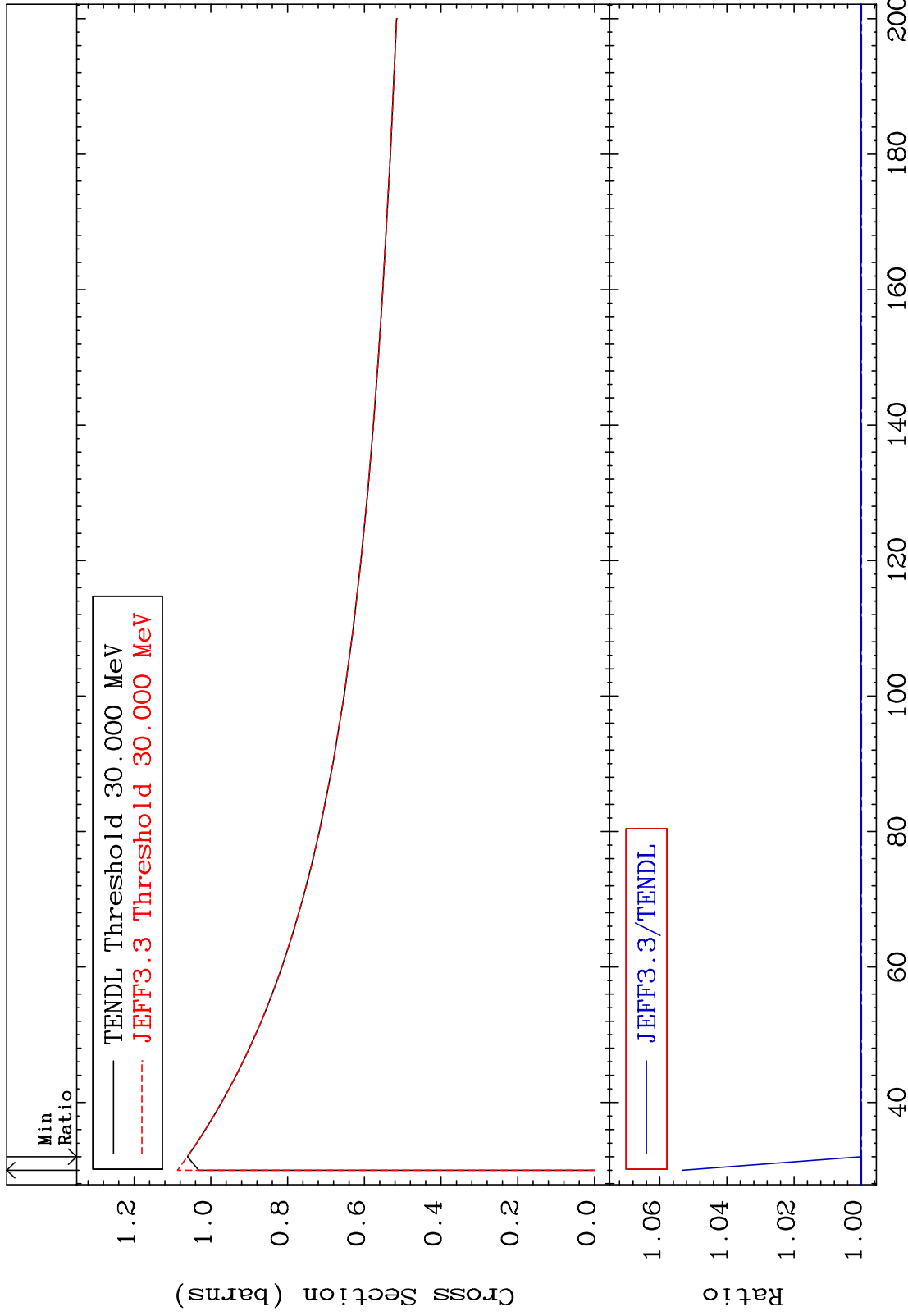
22-Ti-46

3

MAT 2225

(n, remainder)
Cross Section

0.000 To 5.335 %
22-Ti-46



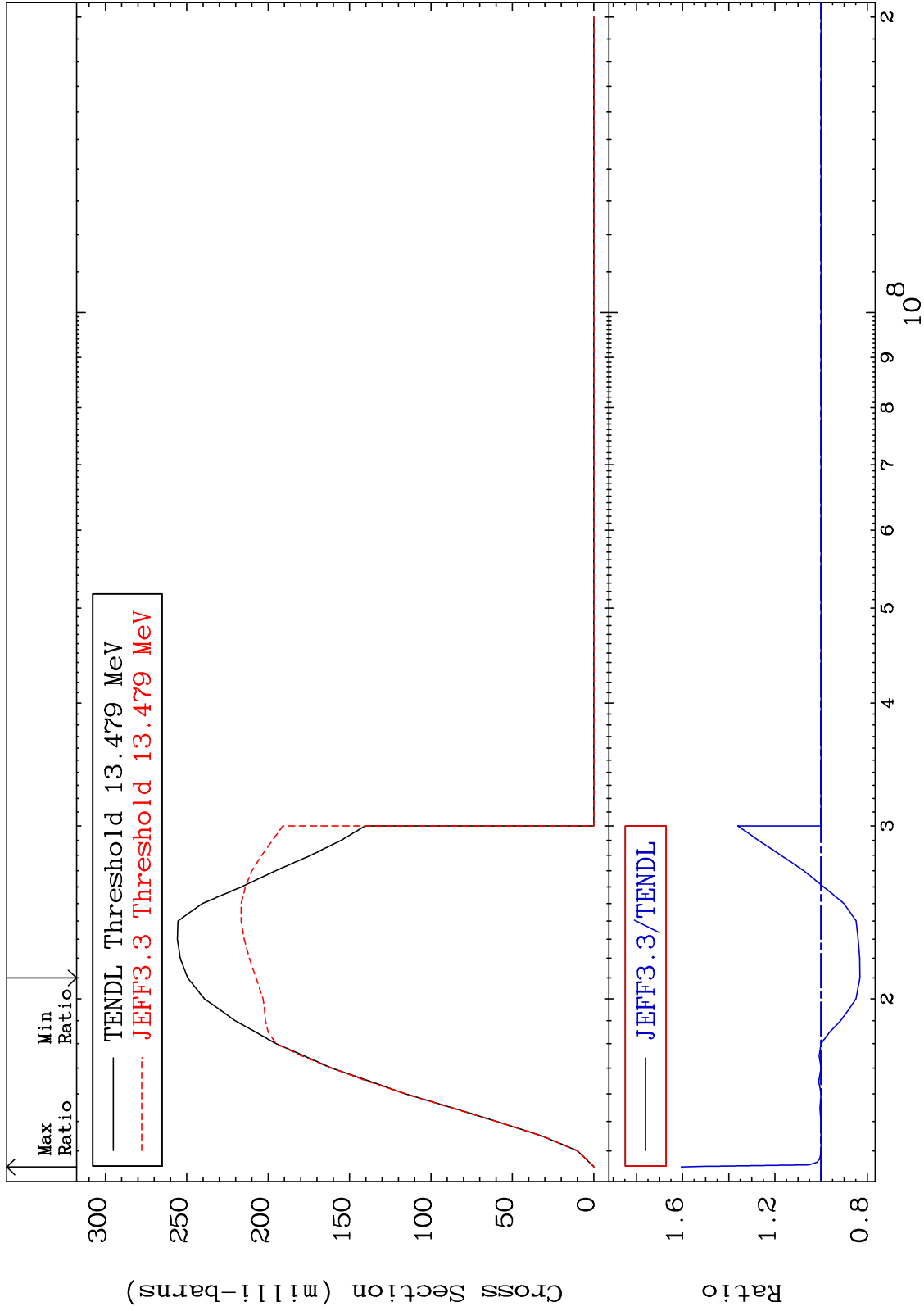
MAT 2225

(n,2n)

22-Ti-46

Cross Section

-16.84 To 60.56 %



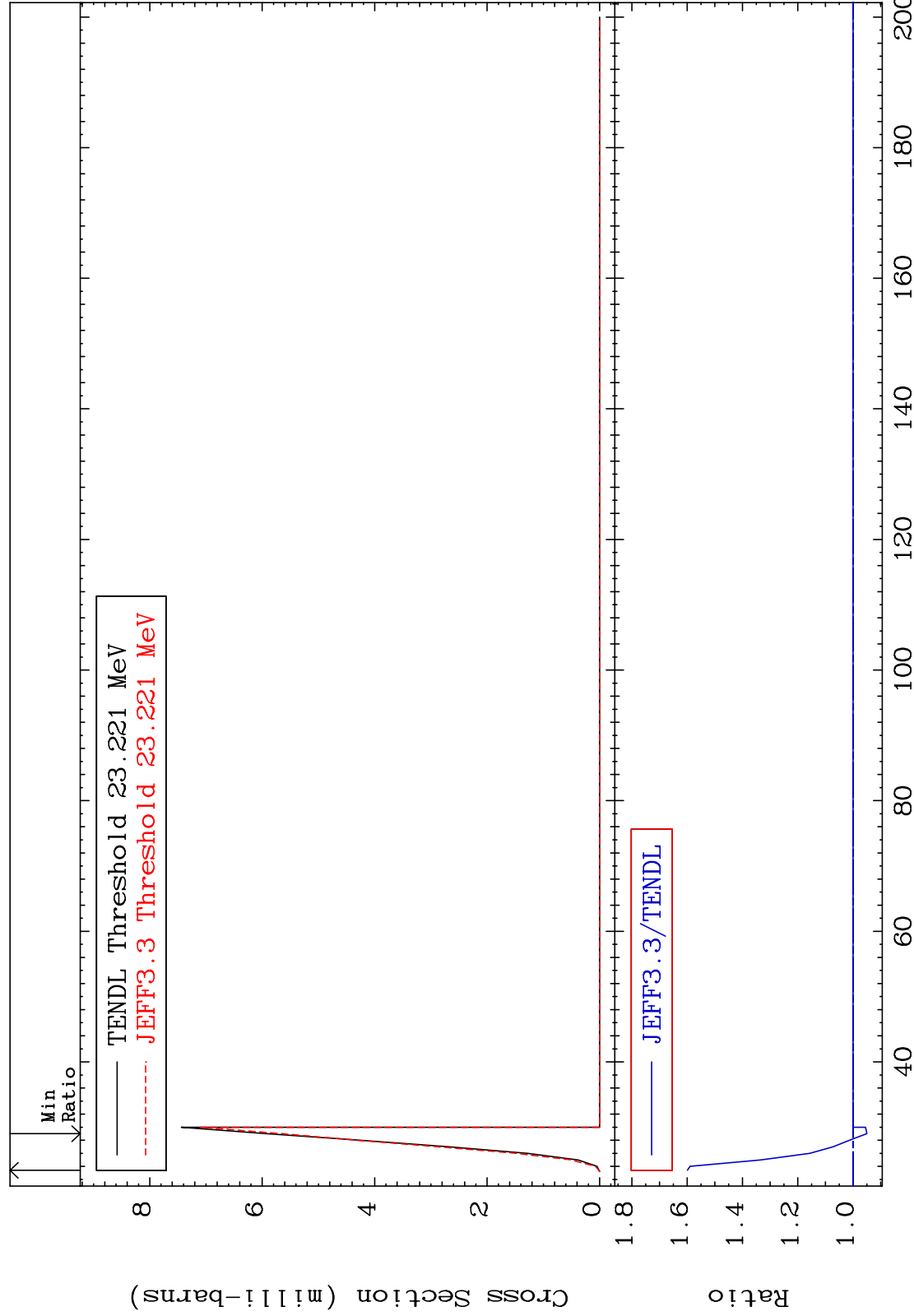
MAT 2225

(n,3n)

22-Ti-46

Cross Section

-5.024 To 59.92 %



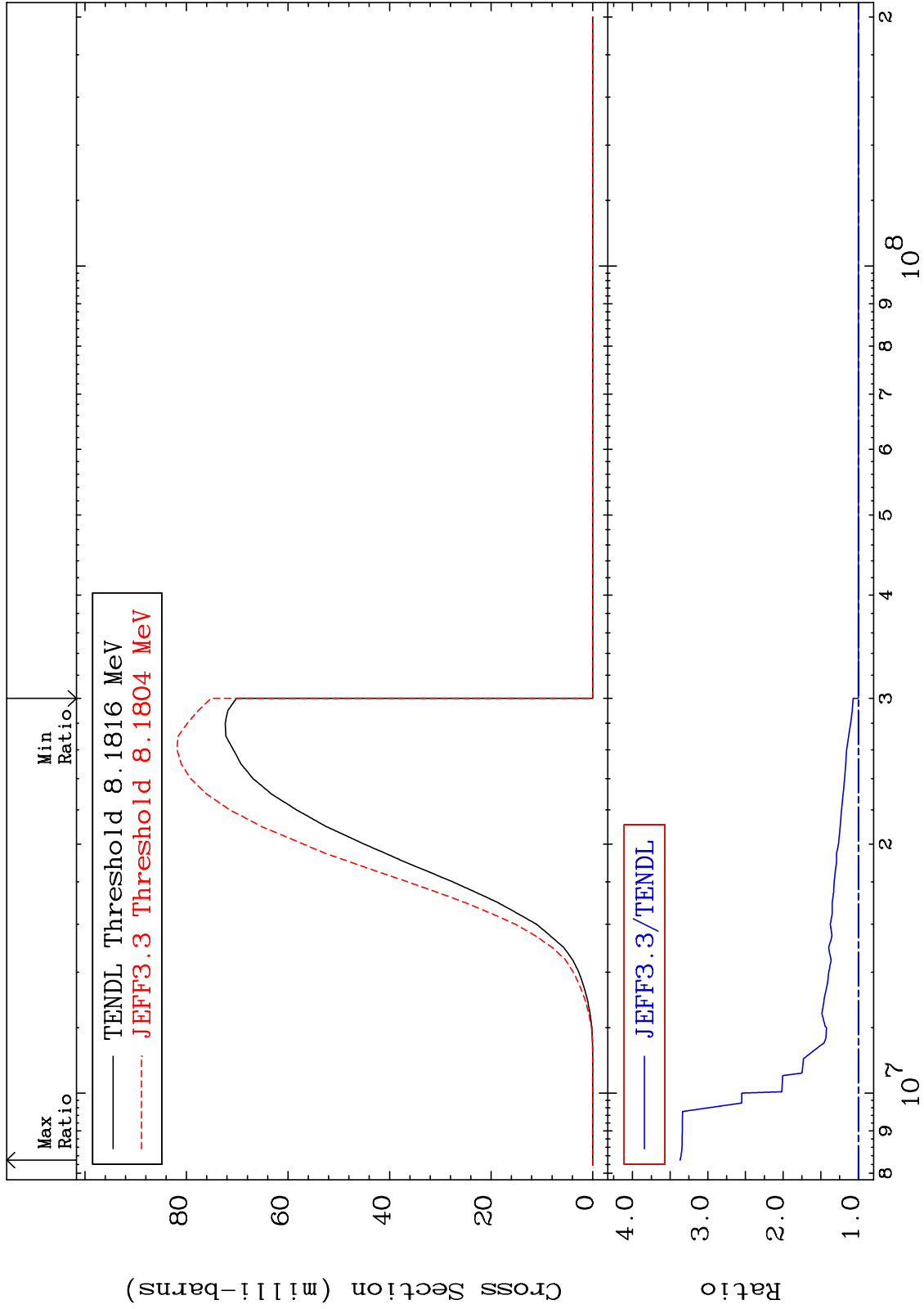
MAT 2225

(n,n') α

22-Ti-46

Cross Section

0.000 To 236.9 %



Incident Energy (eV)

22-Ti-46

MAT 2225

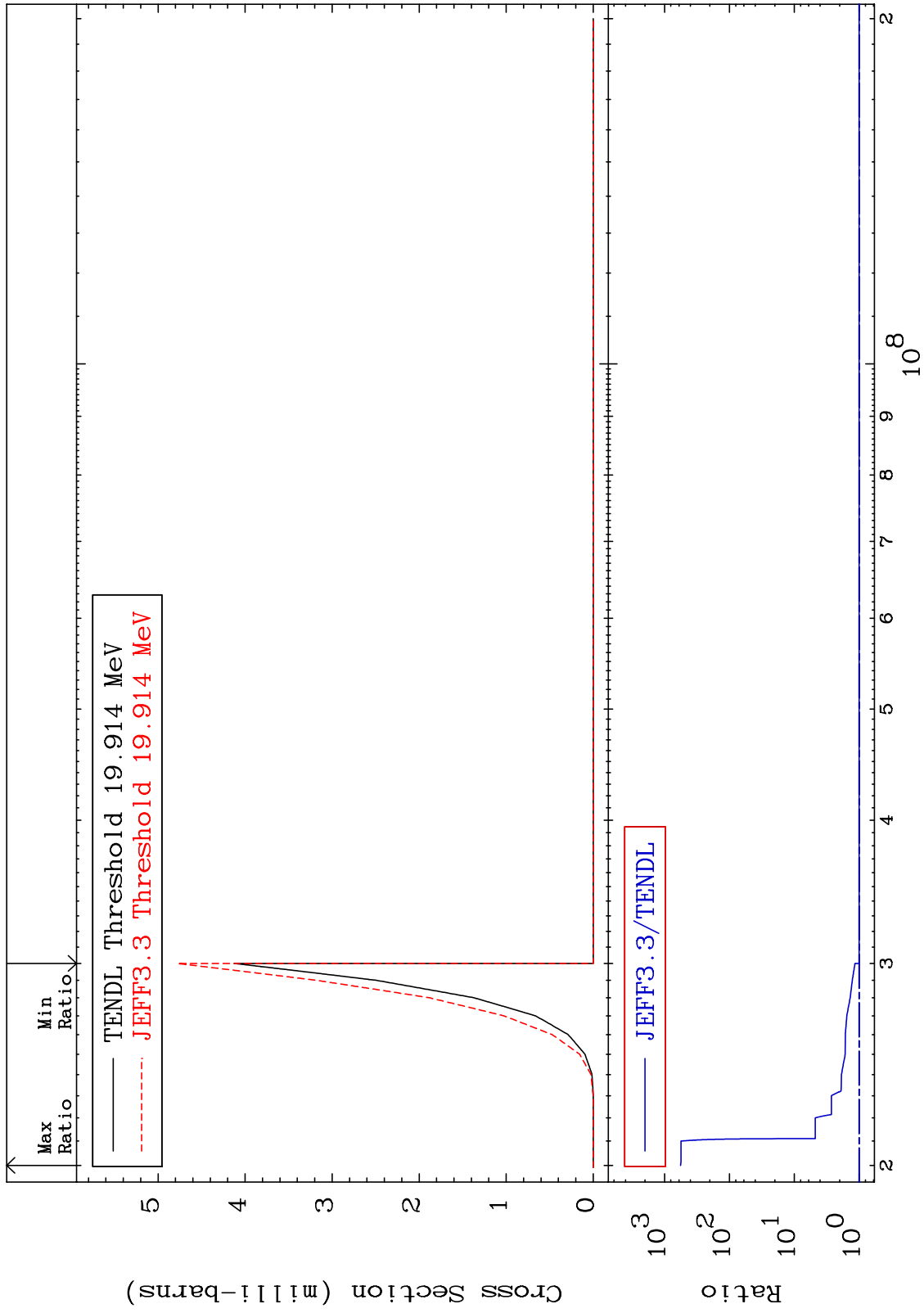
(n,2n) α

22-Ti-46

Cross Section

0.000

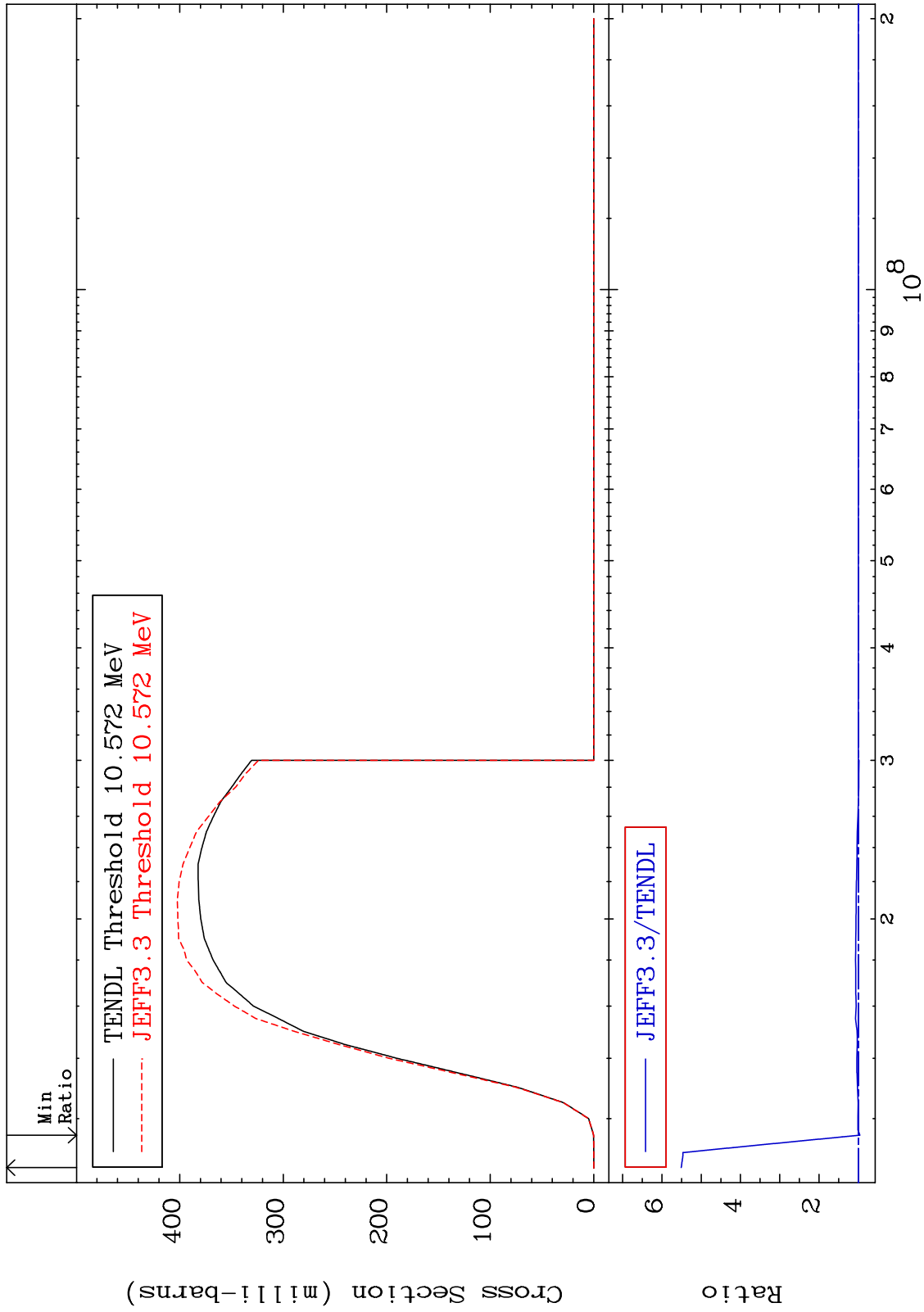
To 9999. %



MAT 2225

(n,n') p
Cross Section

22-Ti-46
-4.077 To 450.8 %



9

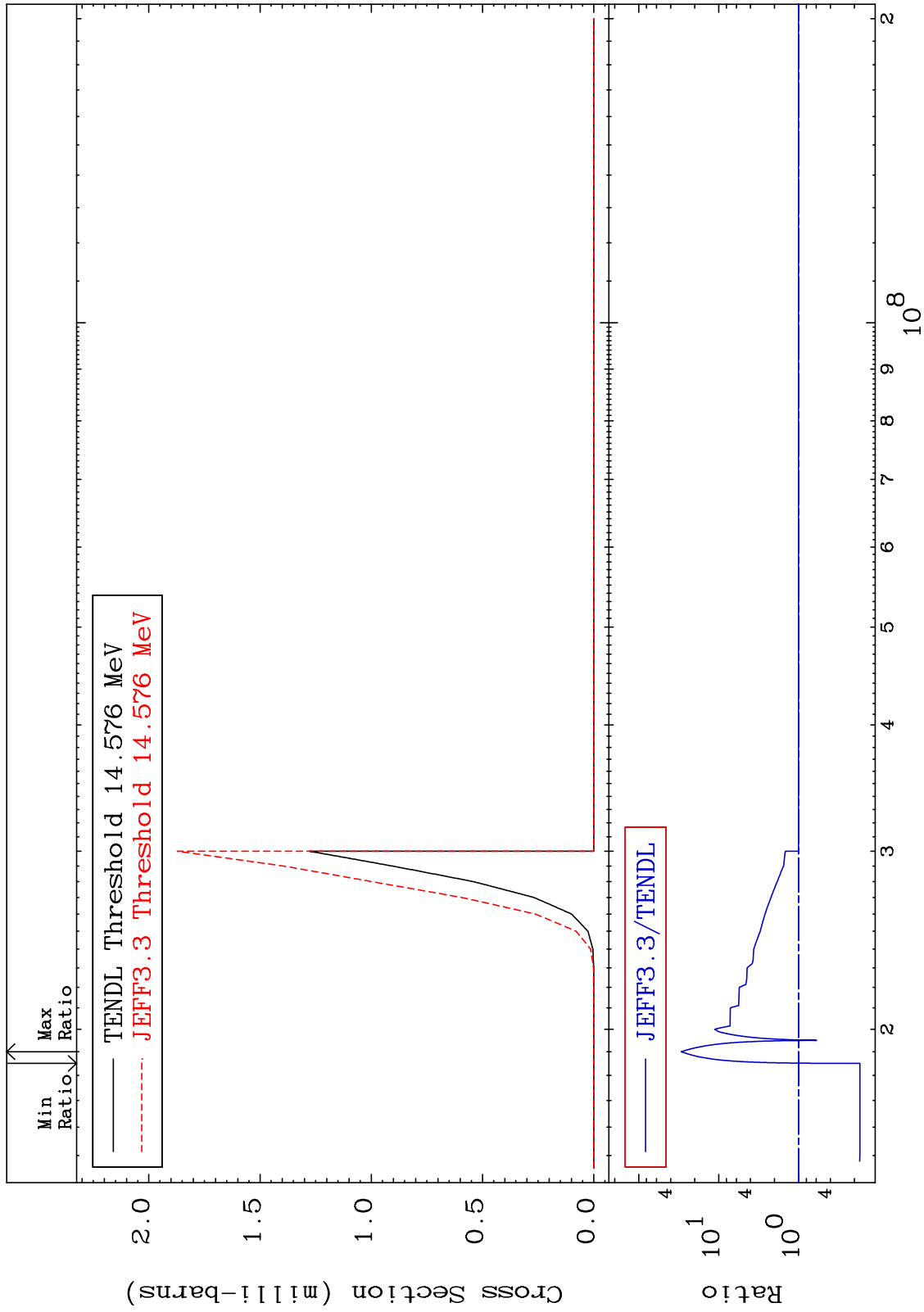
Incident Energy (eV)

22-Ti-46

MAT 2225

(n,n') 2α
Cross Section

22-Ti-46
-82.96 To 2842. %



10

Incident Energy (eV)

22-Ti-46

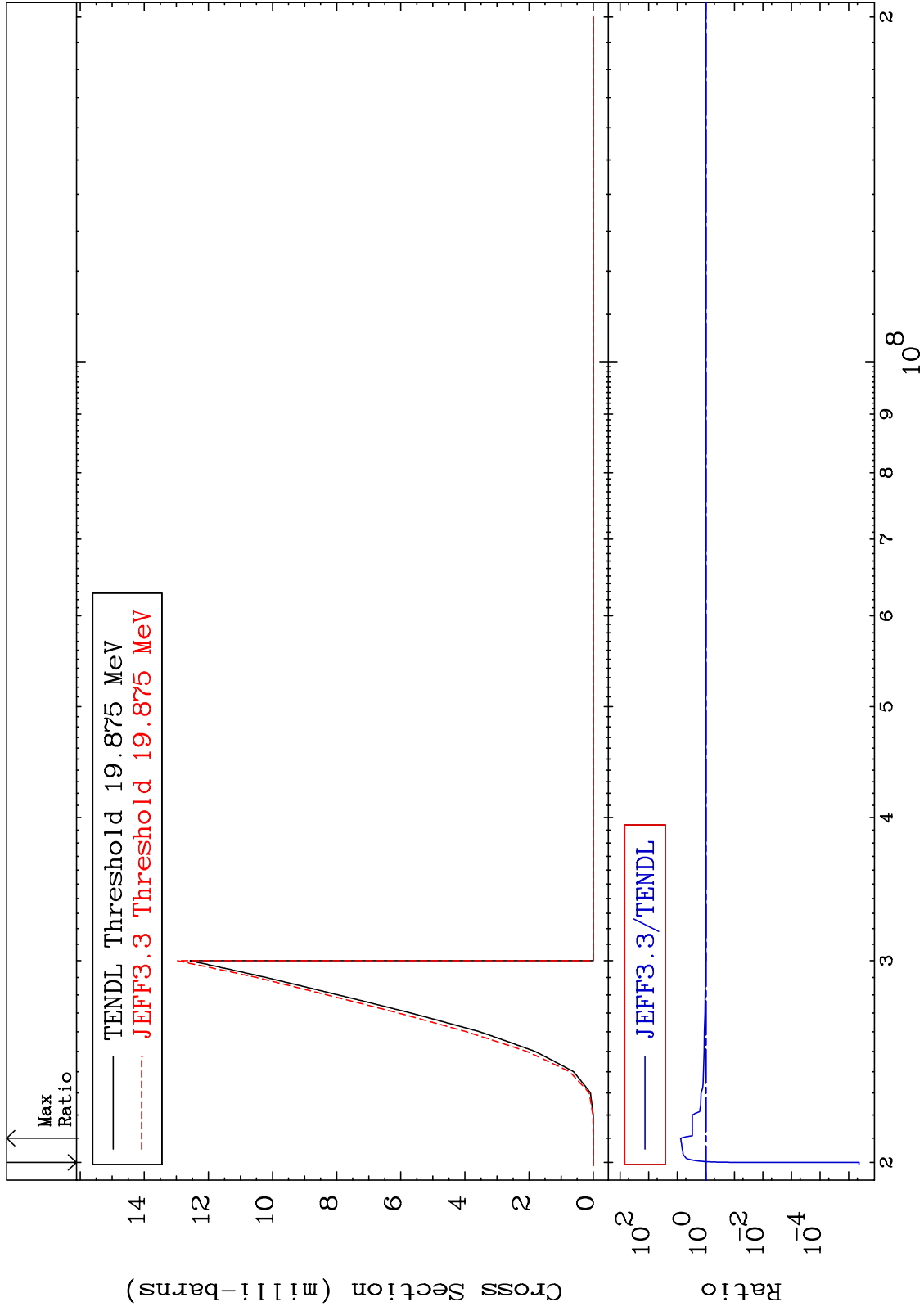
MAT 2225

(n,n') d

22-Ti-46

Cross Section

-100.0 To 659.7 %



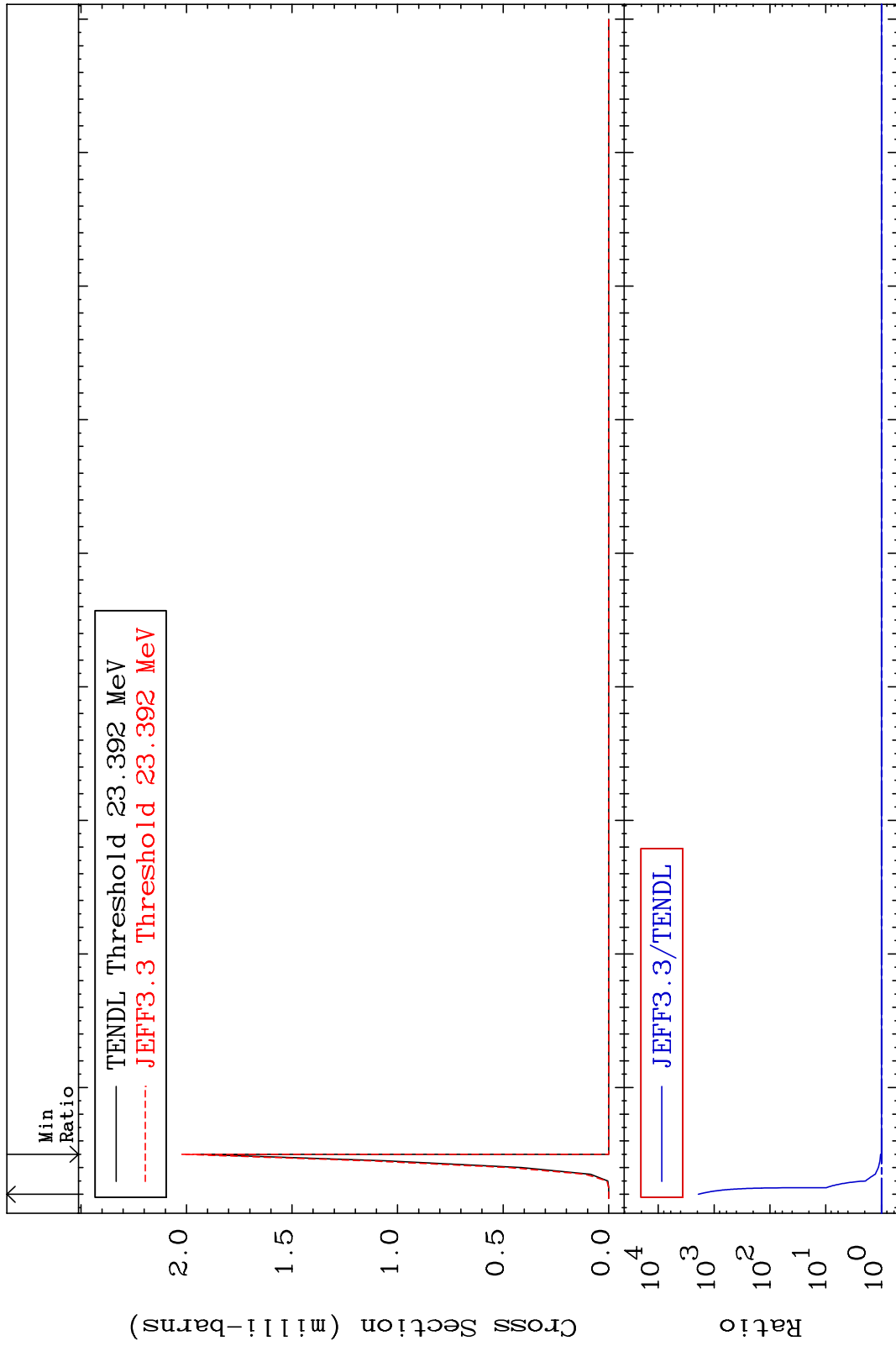
MAT 2225

(n,n') t

22-Ti-46

Cross Section

0.000 To 9999. %



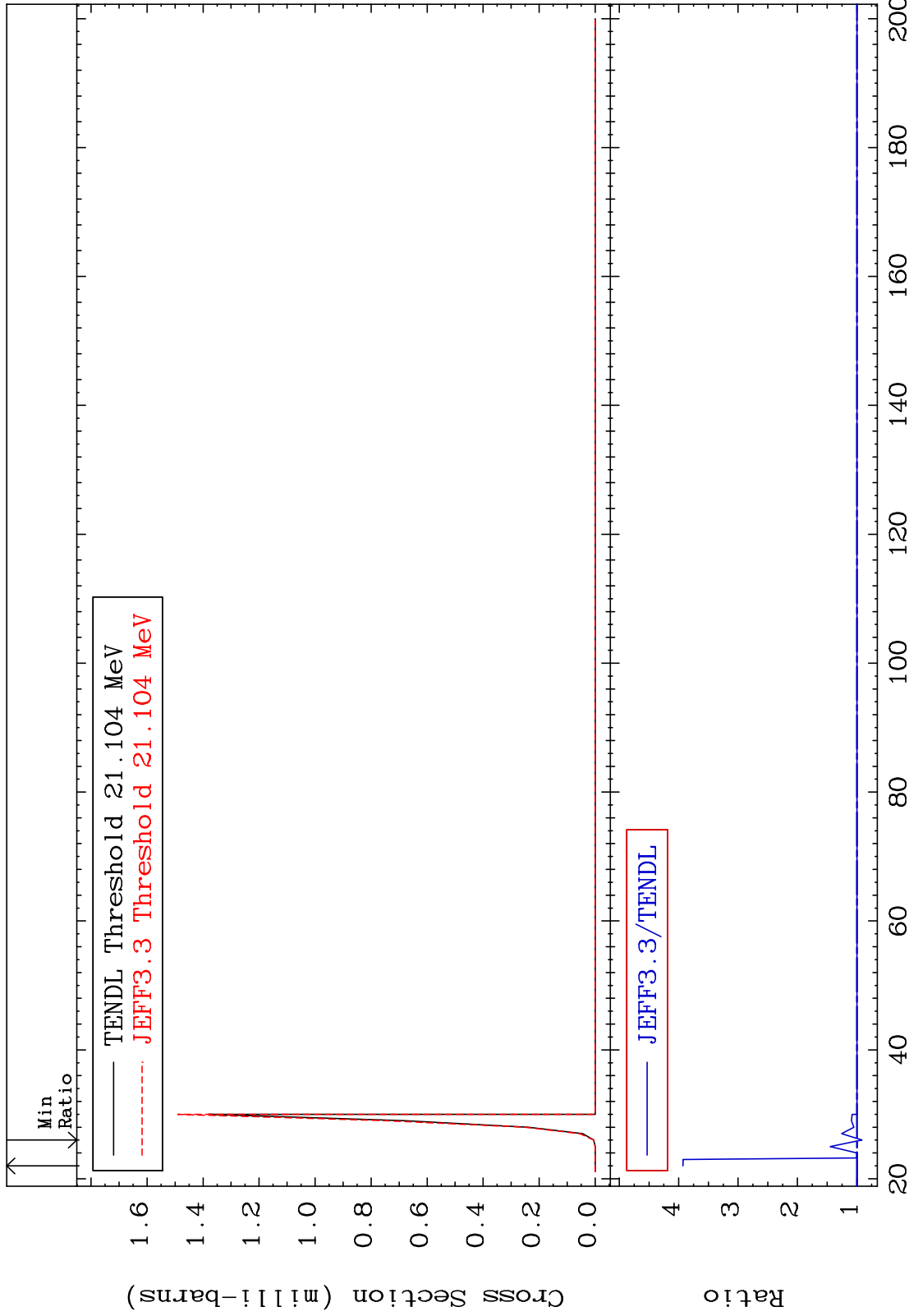
Incident Energy (MeV)

22-Ti-46

MAT 2225

(n, n') He-3
Cross Section

22-Ti-46
-8.719 To 293.0 %

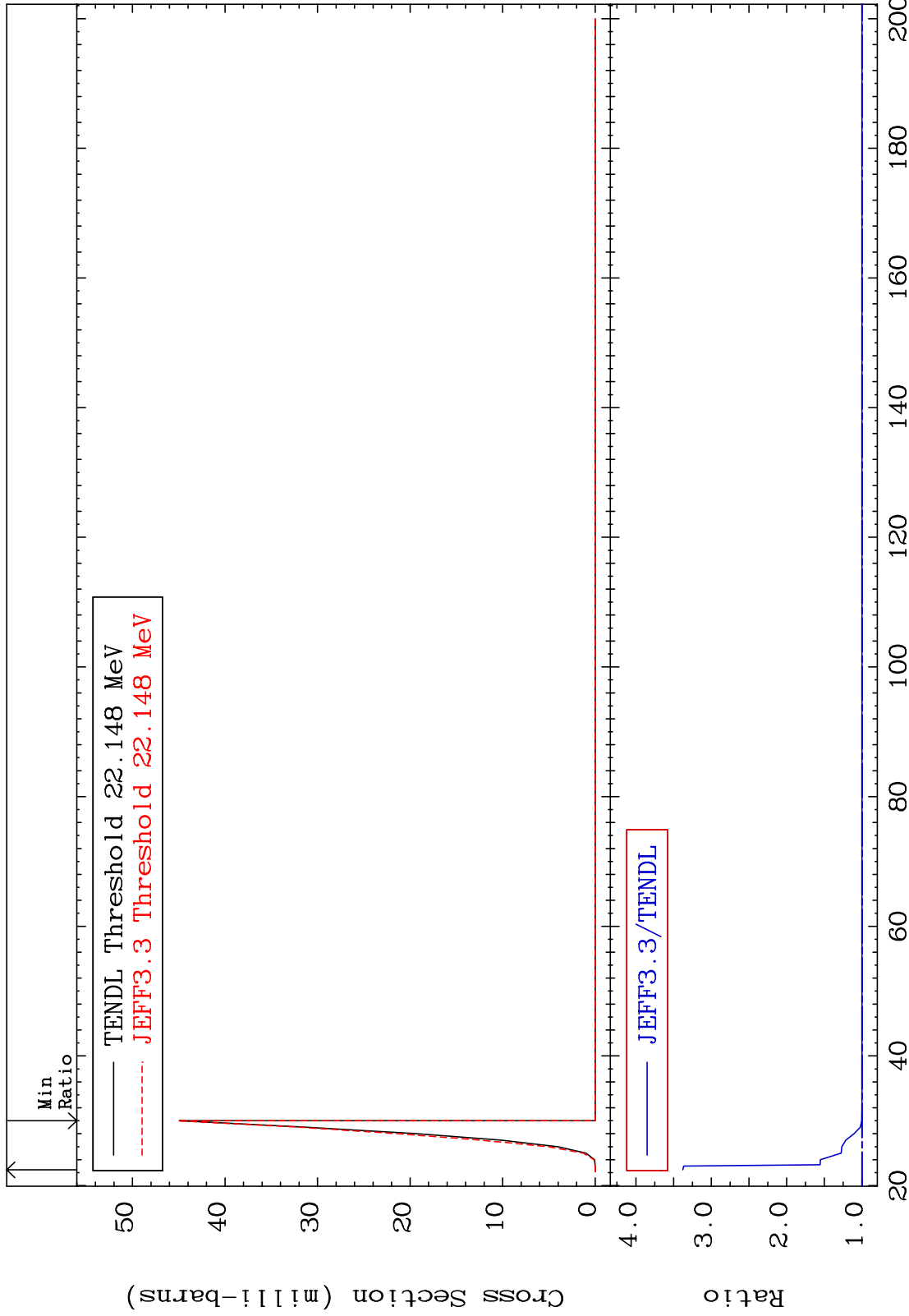


Incident Energy (MeV) 22-Ti-46

MAT 2225

(n,2n) p
Cross Section

22-Ti-46
0.000 To 237.6 %

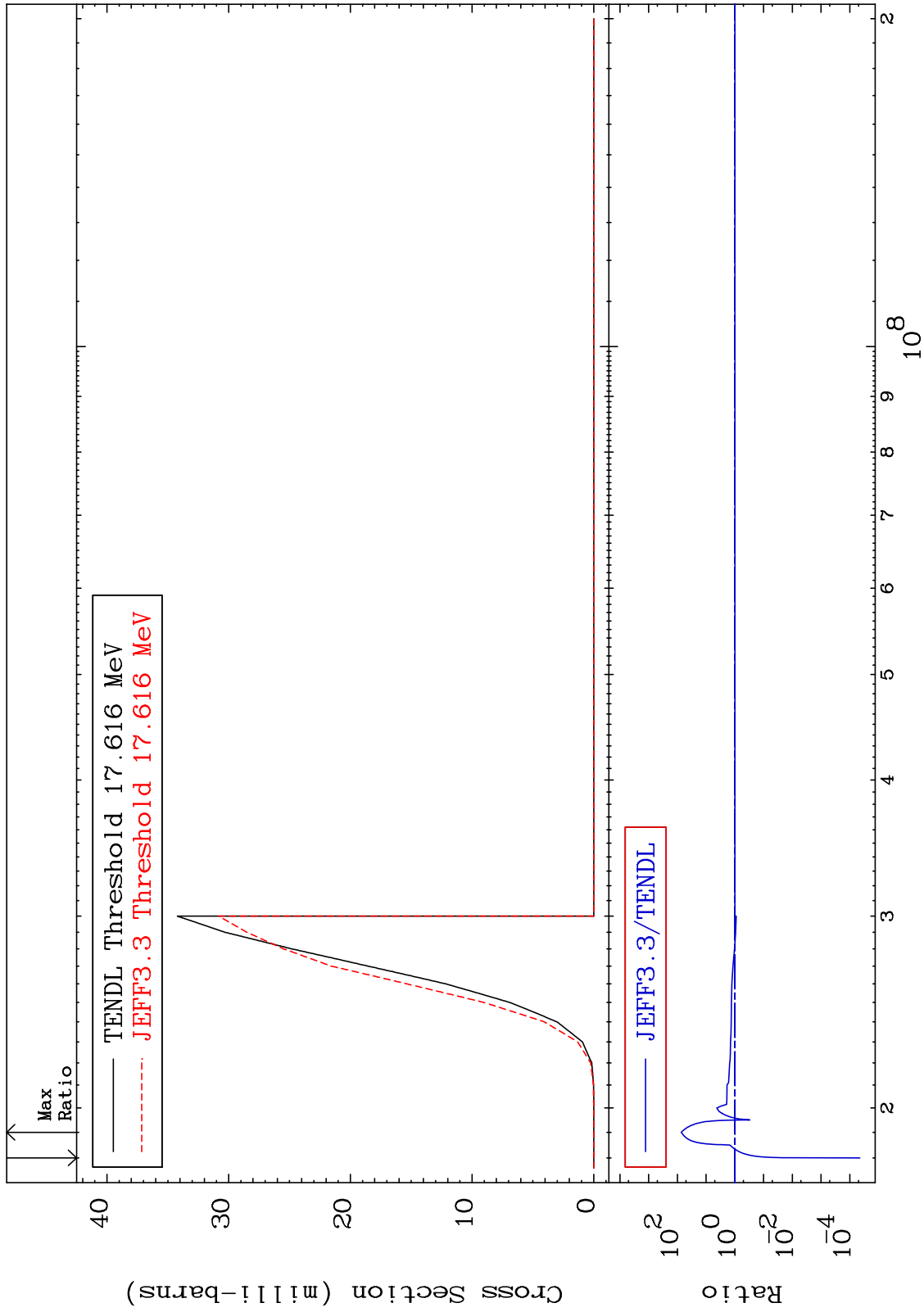


Incident Energy (MeV) 22-Ti-46

MAT 2225

(n,2n) p
Cross Section

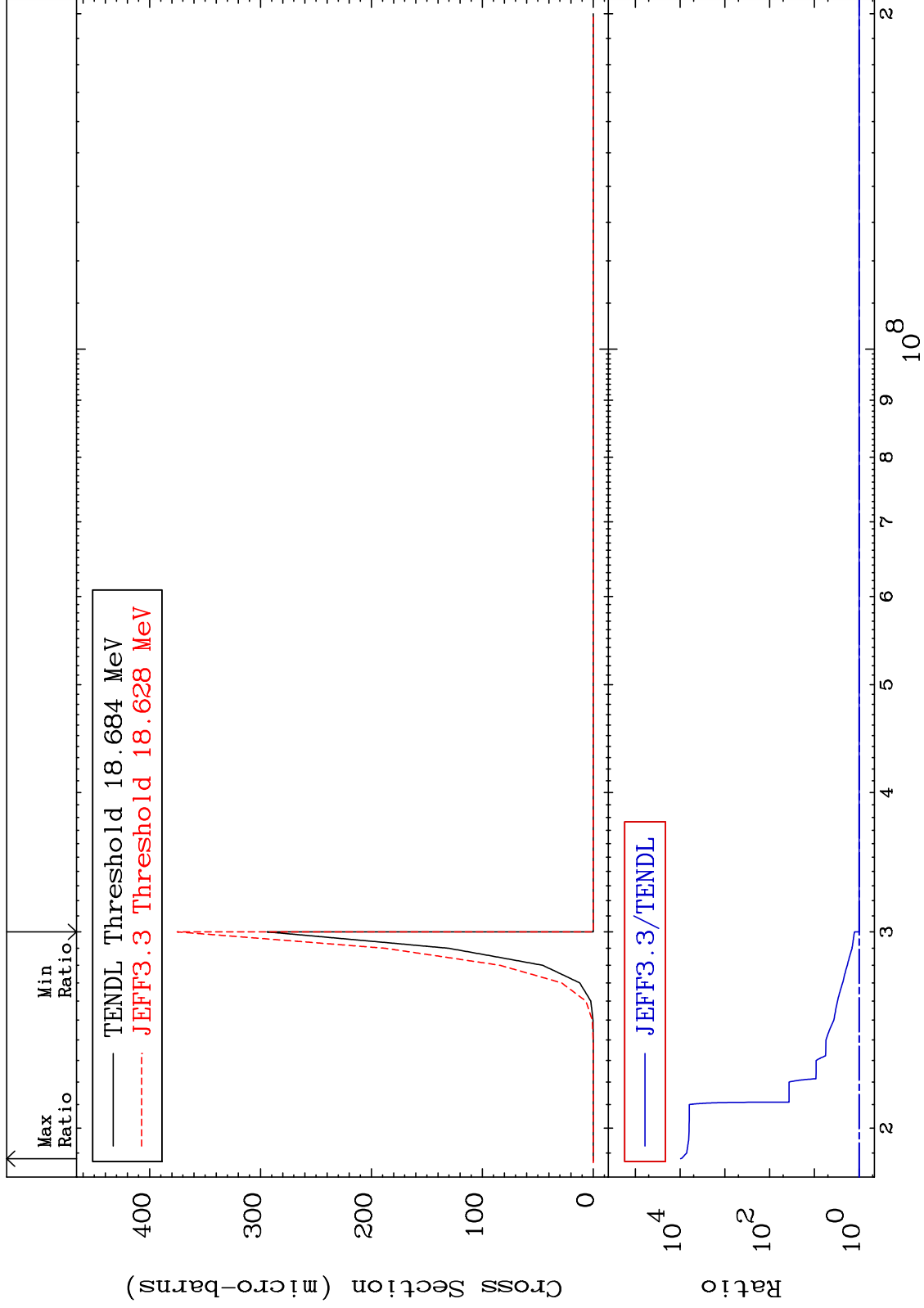
22-Ti-46
-100.0 To 7246. %



MAT 2225

(n,n') p α
Cross Section

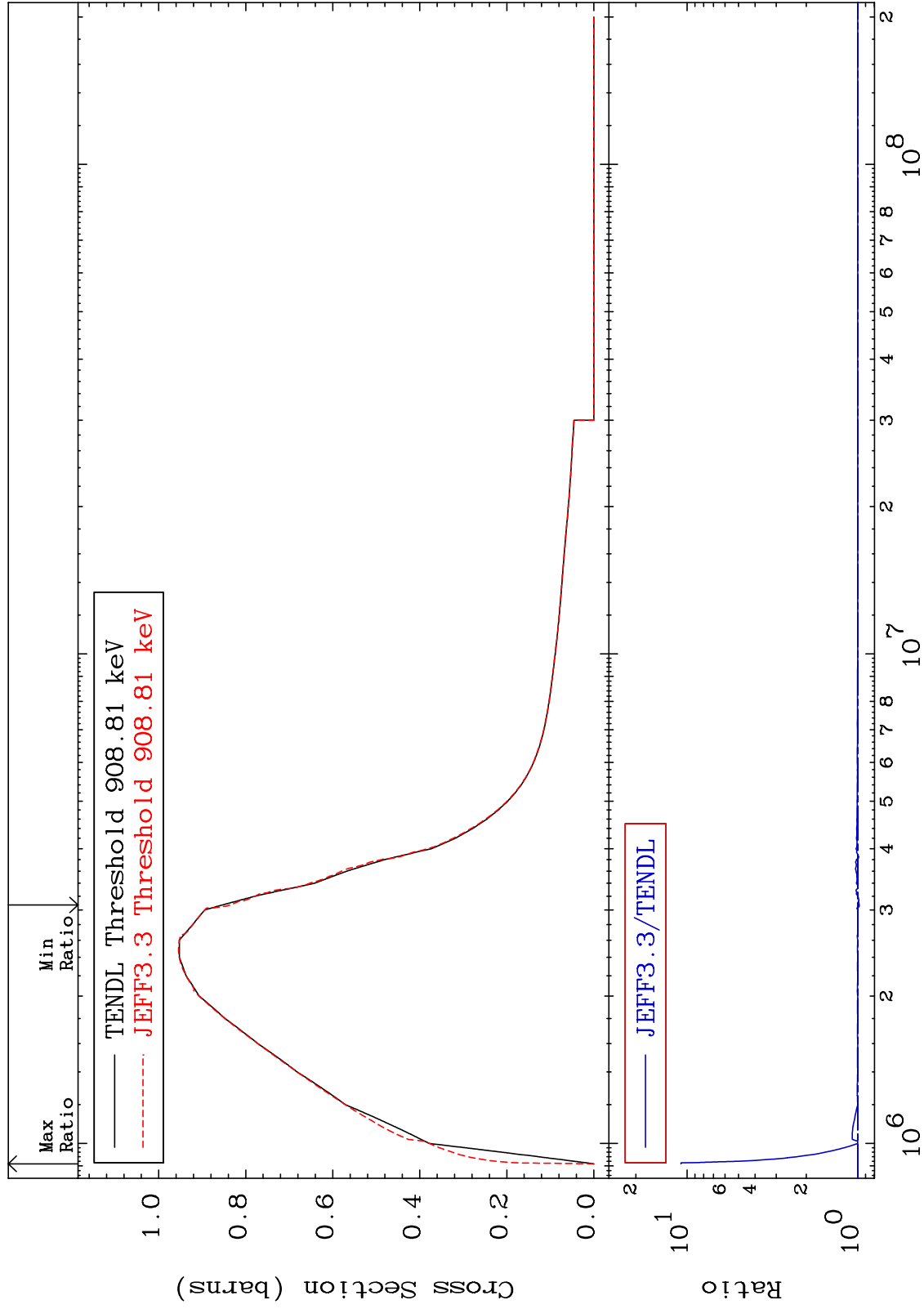
22-Ti-46
0.000 To 9999. %



MAT 2225

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

22-Ti-46
-2.116 To 985.4 %



17

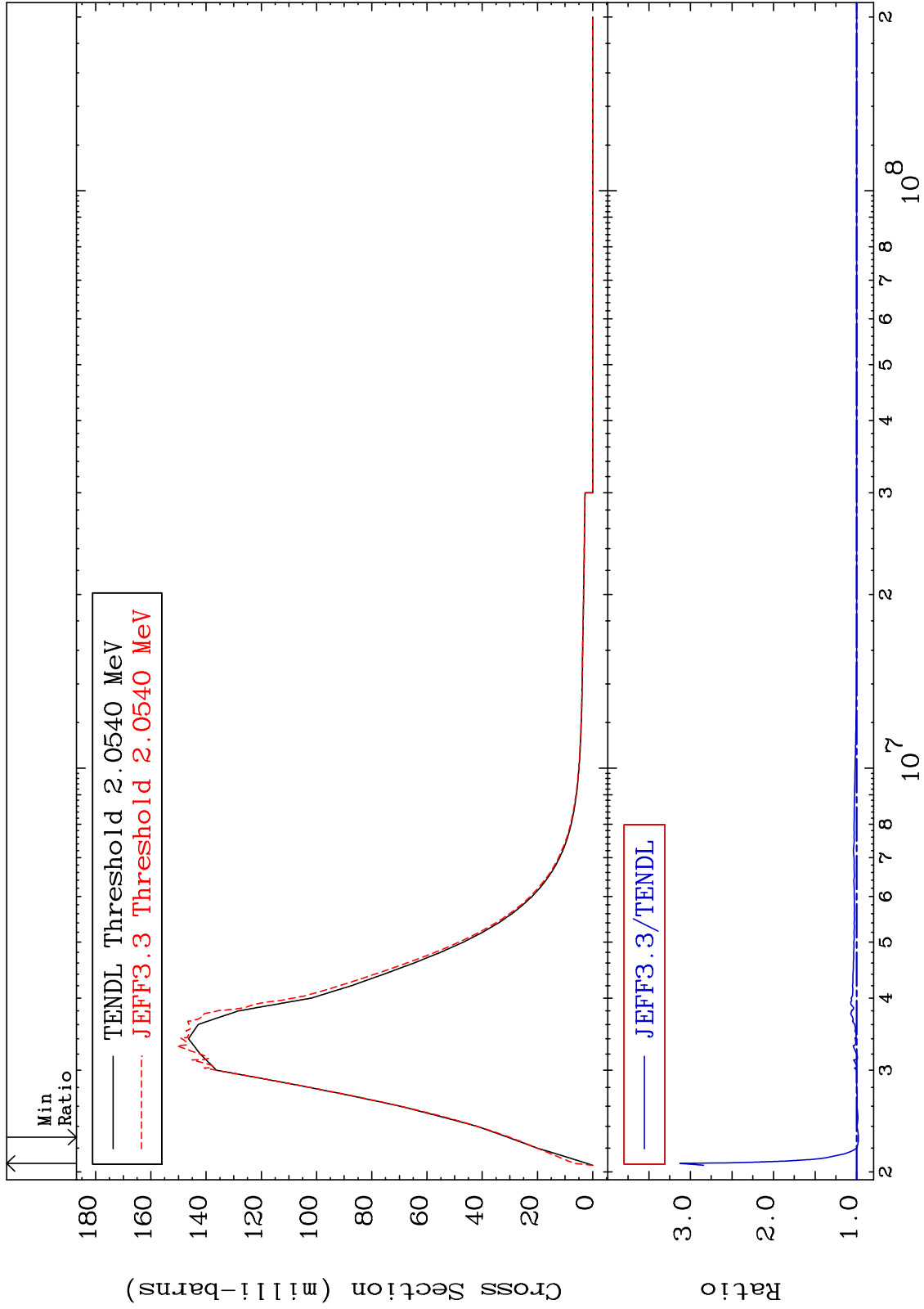
Incident Energy (eV)

22-Ti-46

MAT 2225

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

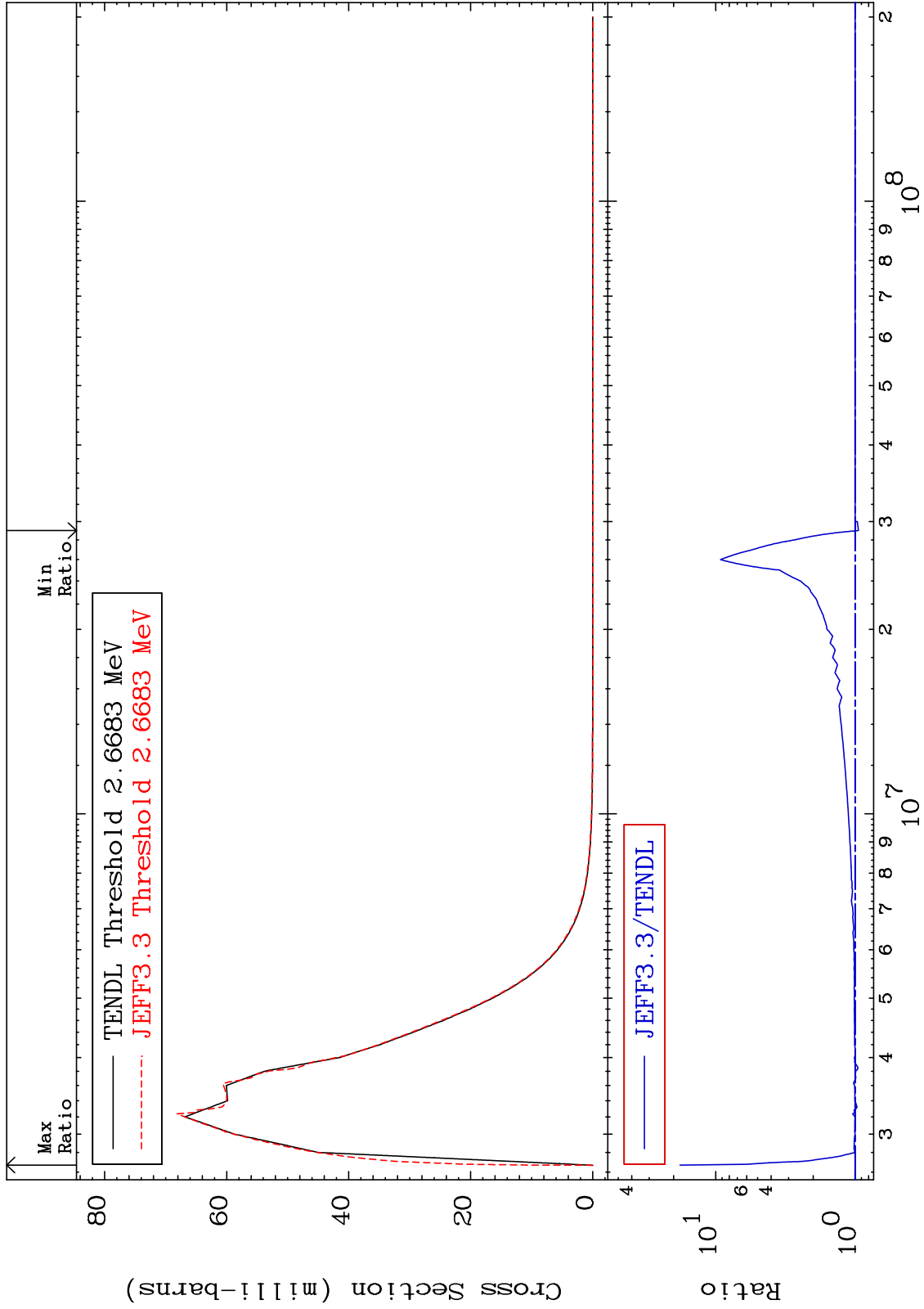
22-Ti-46
-2.132 To 212.5 %



MAT 2225

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

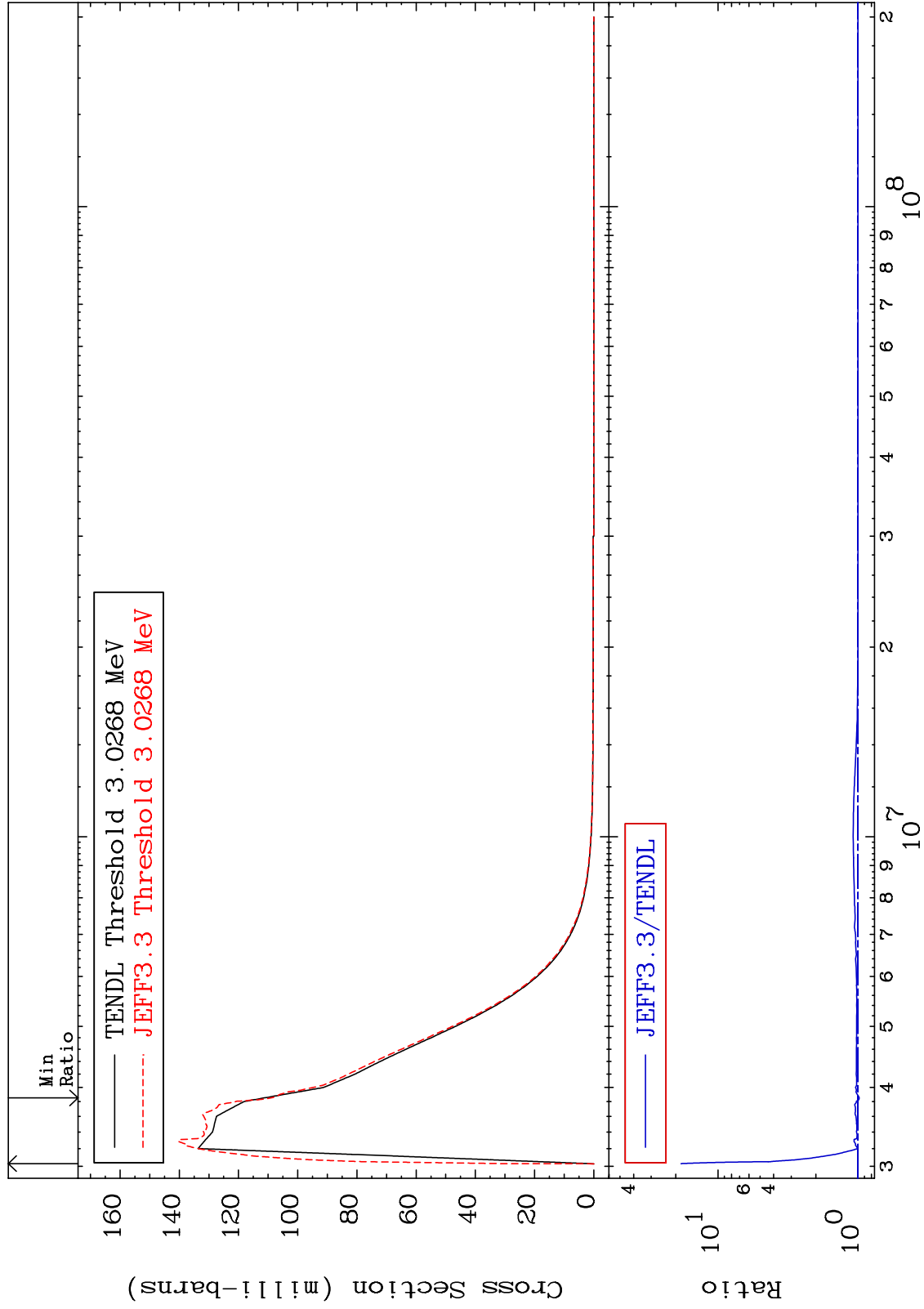
22-Ti-46
-5.341 To 1702. %



MAT 2225

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

22-Ti-46
-2.147 To 1734. %



20

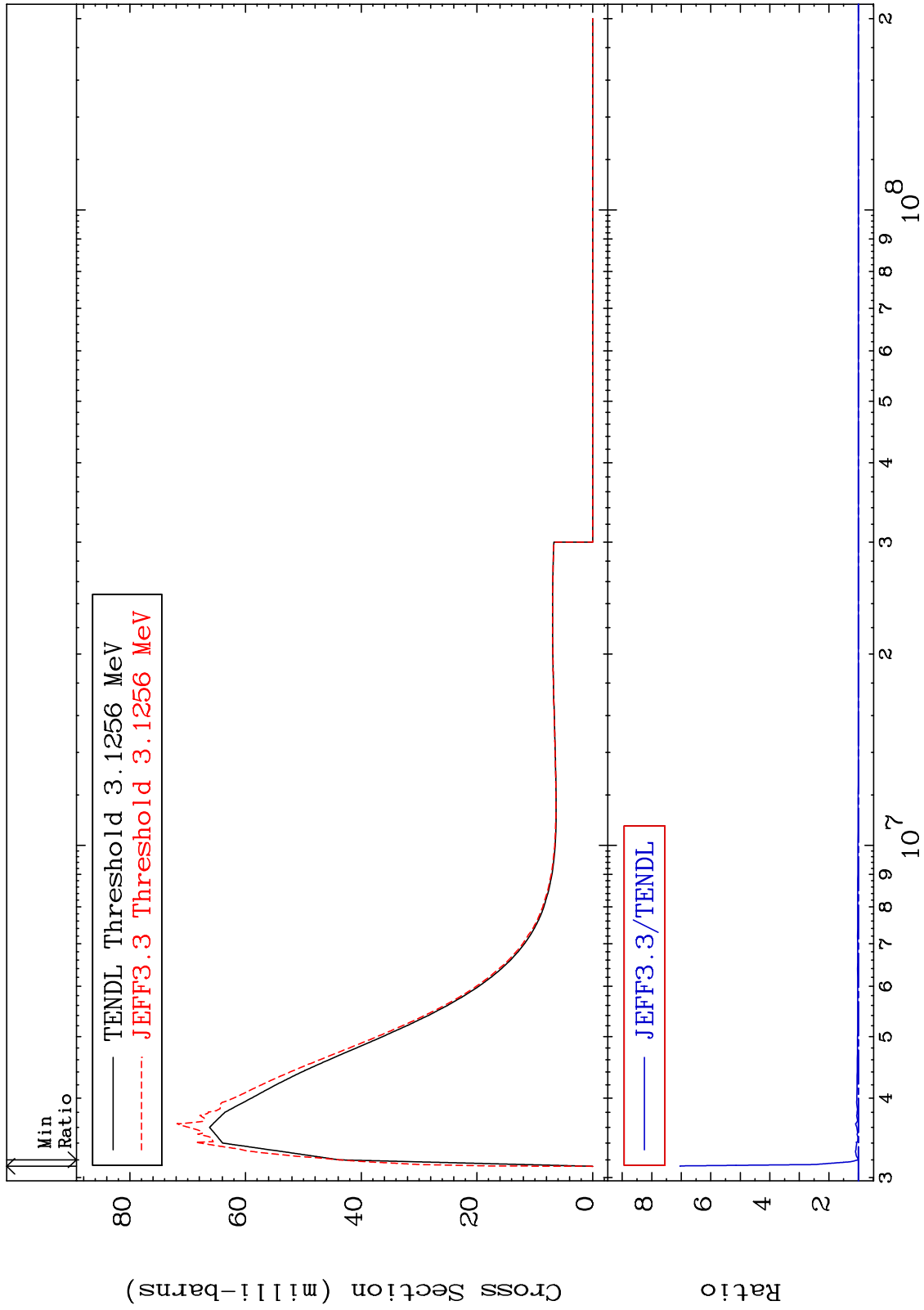
22-Ti-46

22-Ti-46

MAT 2225

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

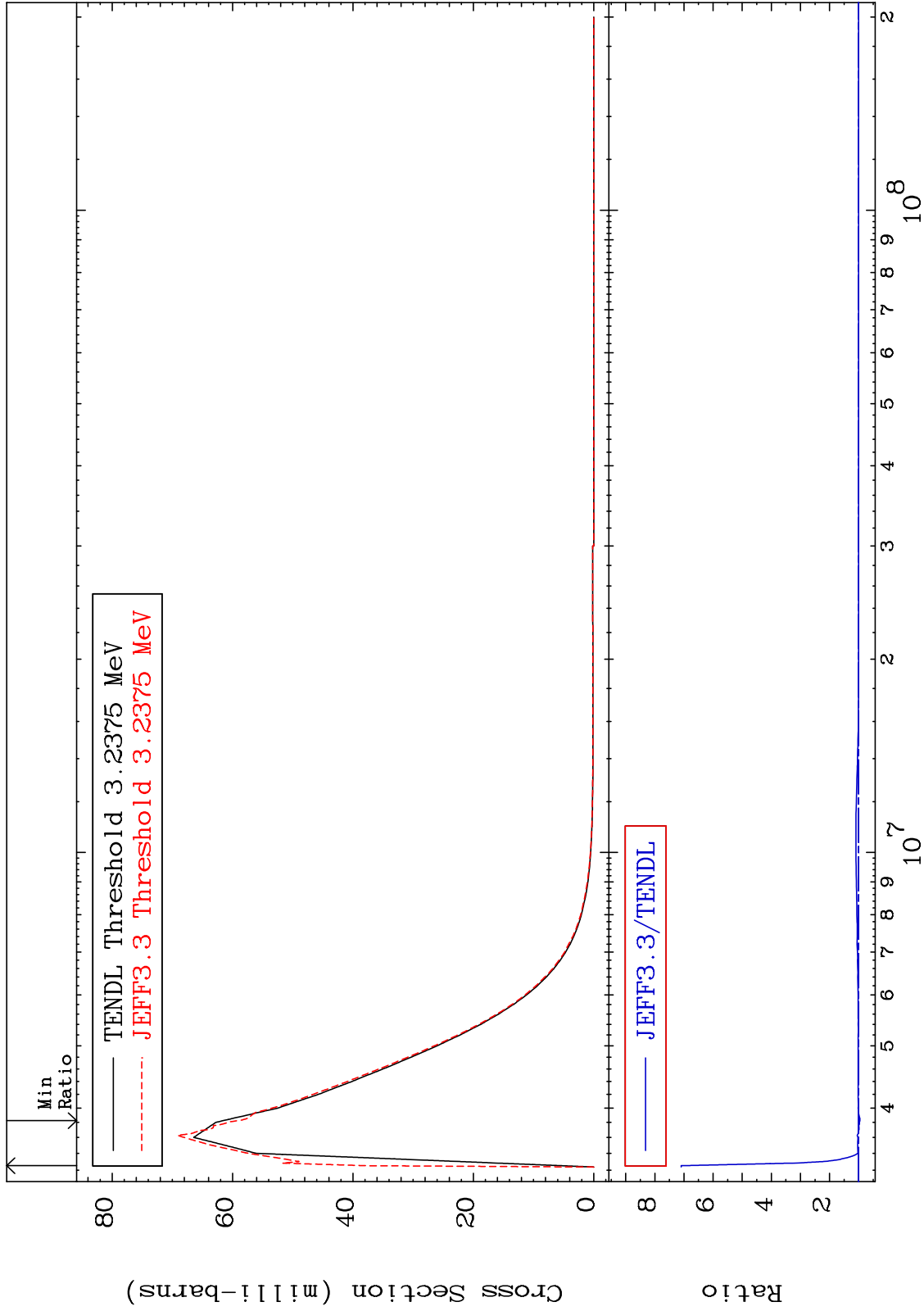
22-Ti-46
-0.123 To 604.2 %



MAT 2225

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

22-Ti-46
-4.328 To 609.4 %



22

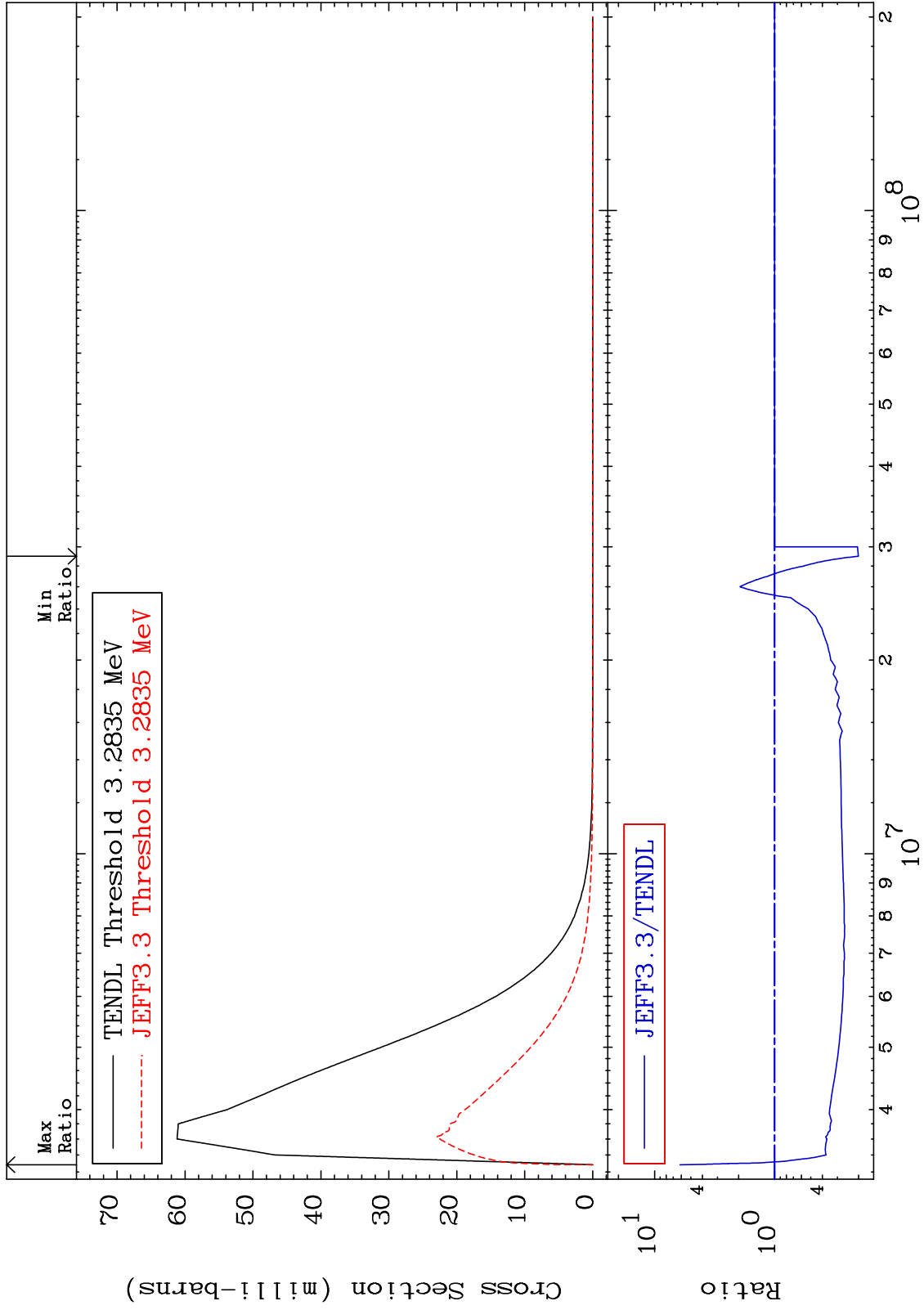
Incident Energy (eV)

22-Ti-46

MAT 2225

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

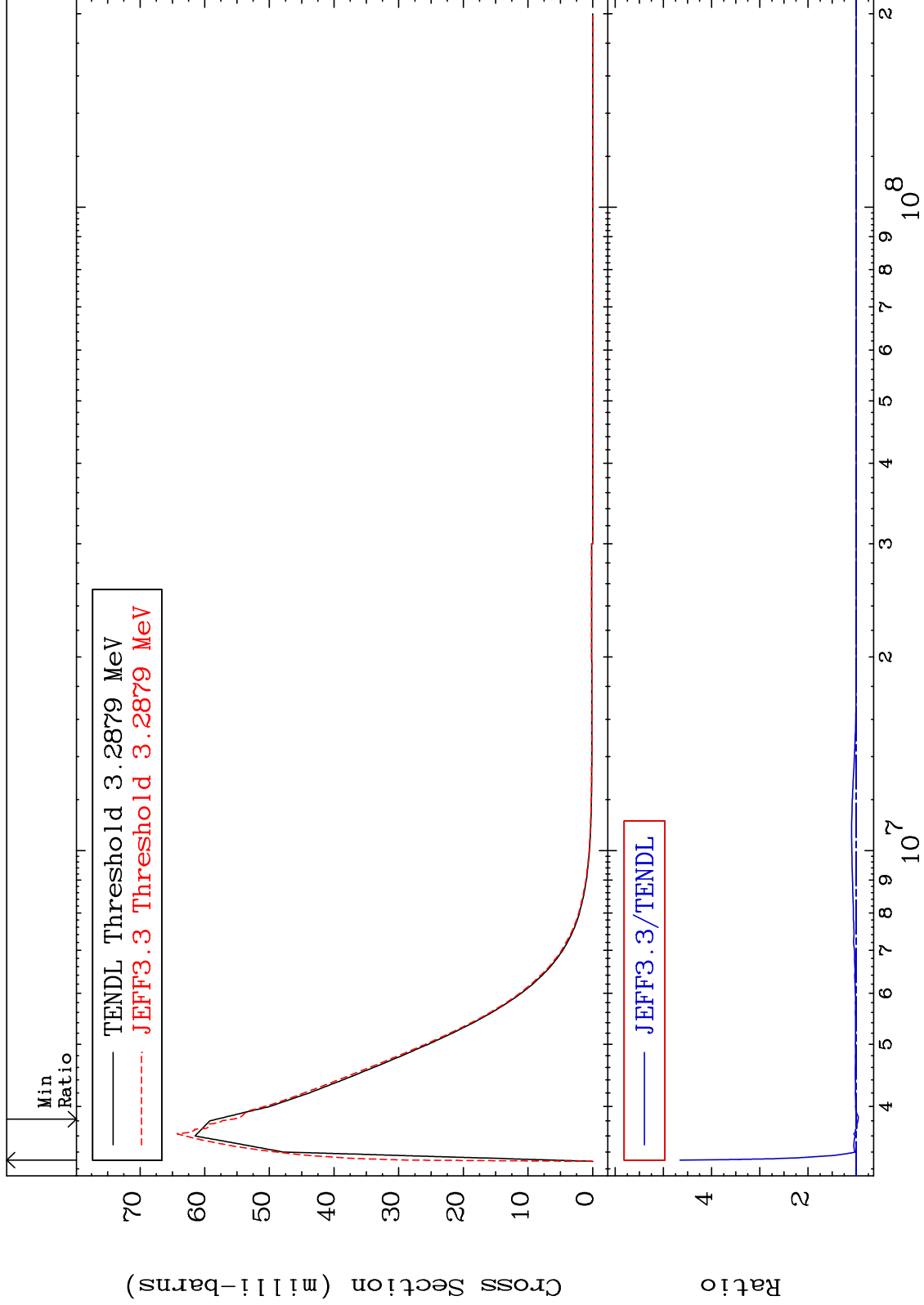
22-Ti-46
-79.92 To 514.9 %



MAT 2225

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

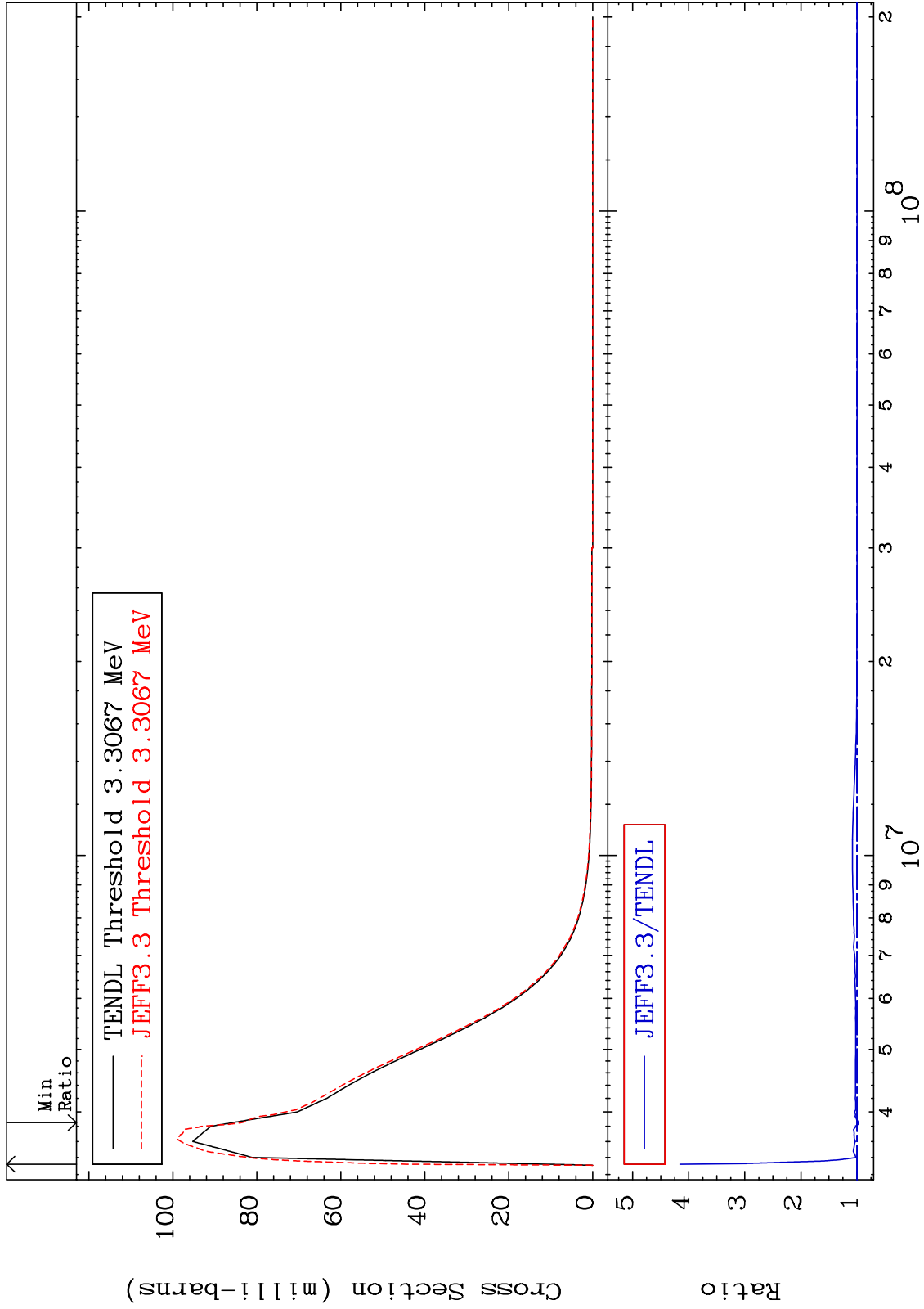
22-Ti-46
-4.428 To 365.7 %



MAT 2225

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

22-Ti-46
-2.564 To 315.5 %



25

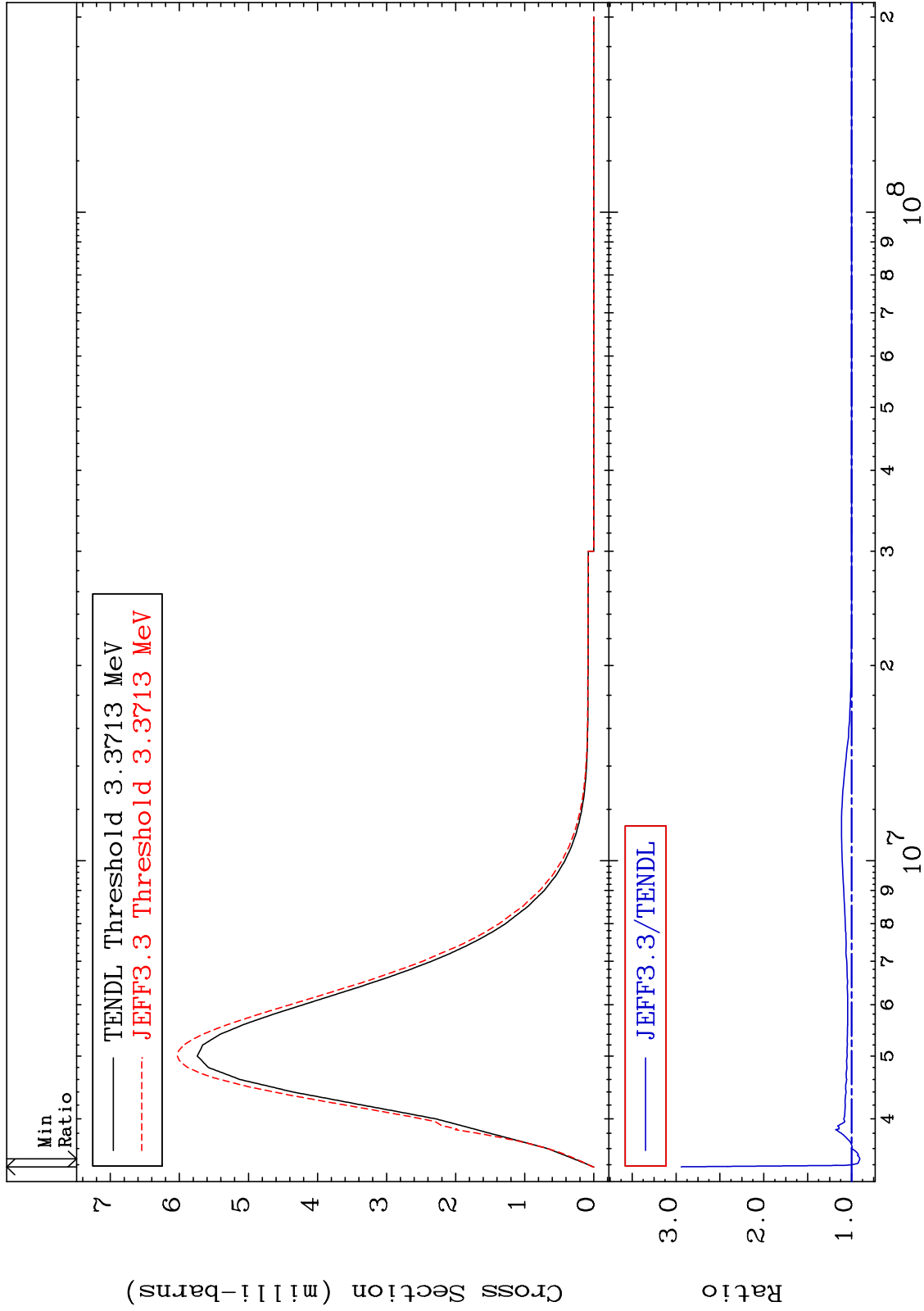
Incident Energy (eV)

22-Ti-46

MAT 2225

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

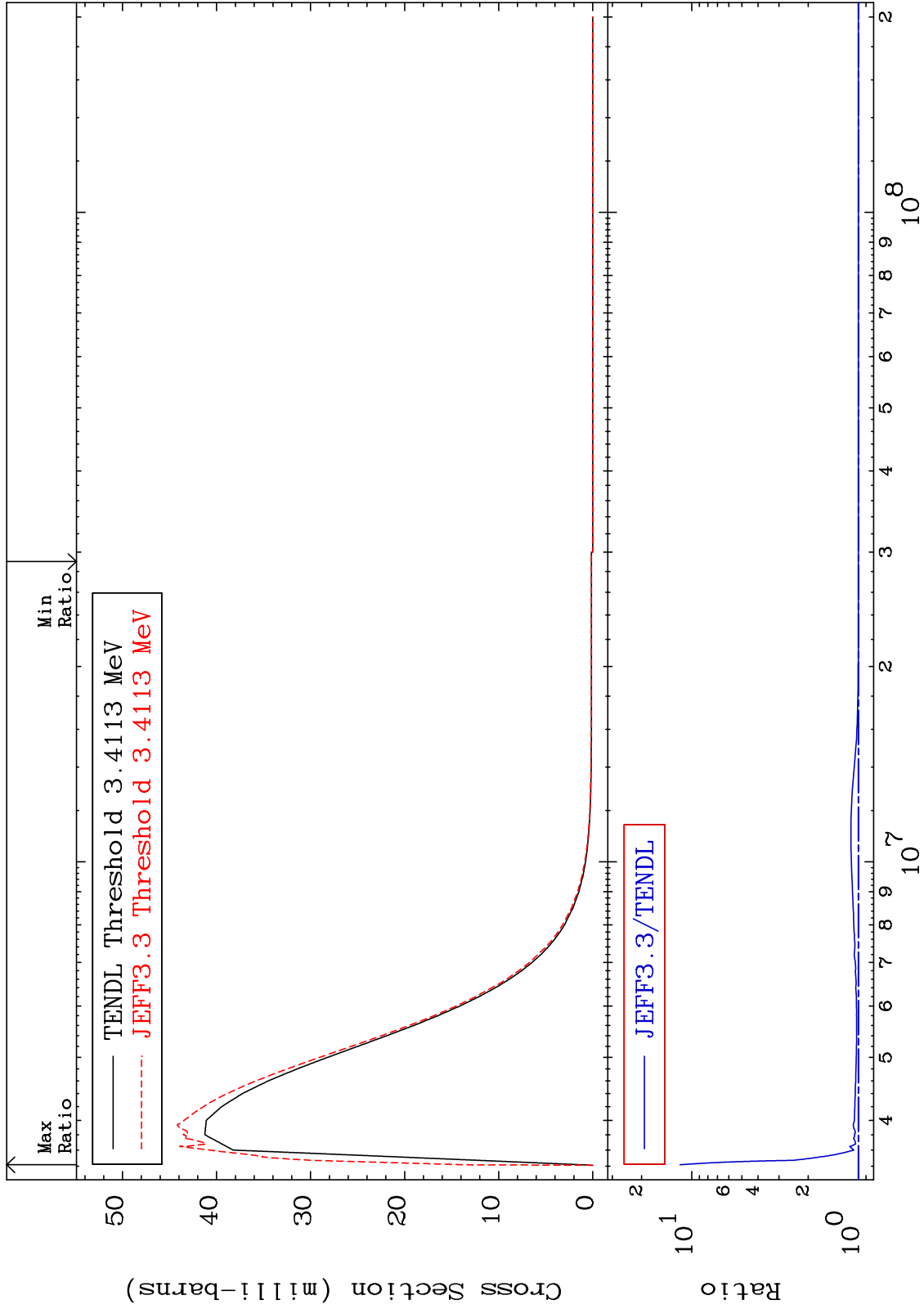
22-Ti-46
-9.481 To 194.1 %



MAT 2225

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

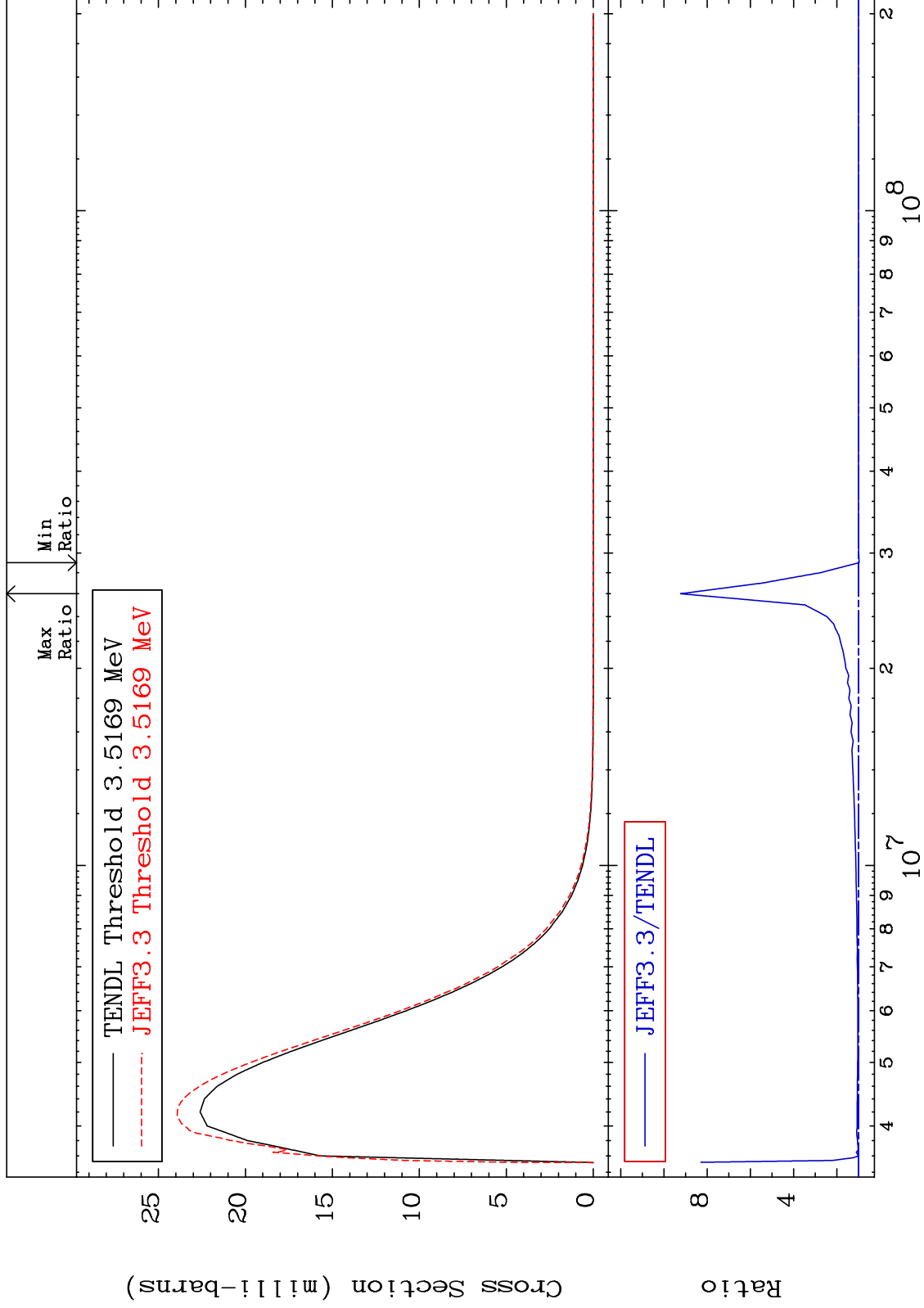
22-Ti-46
0.000 To 1076. %



MAT 2225

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

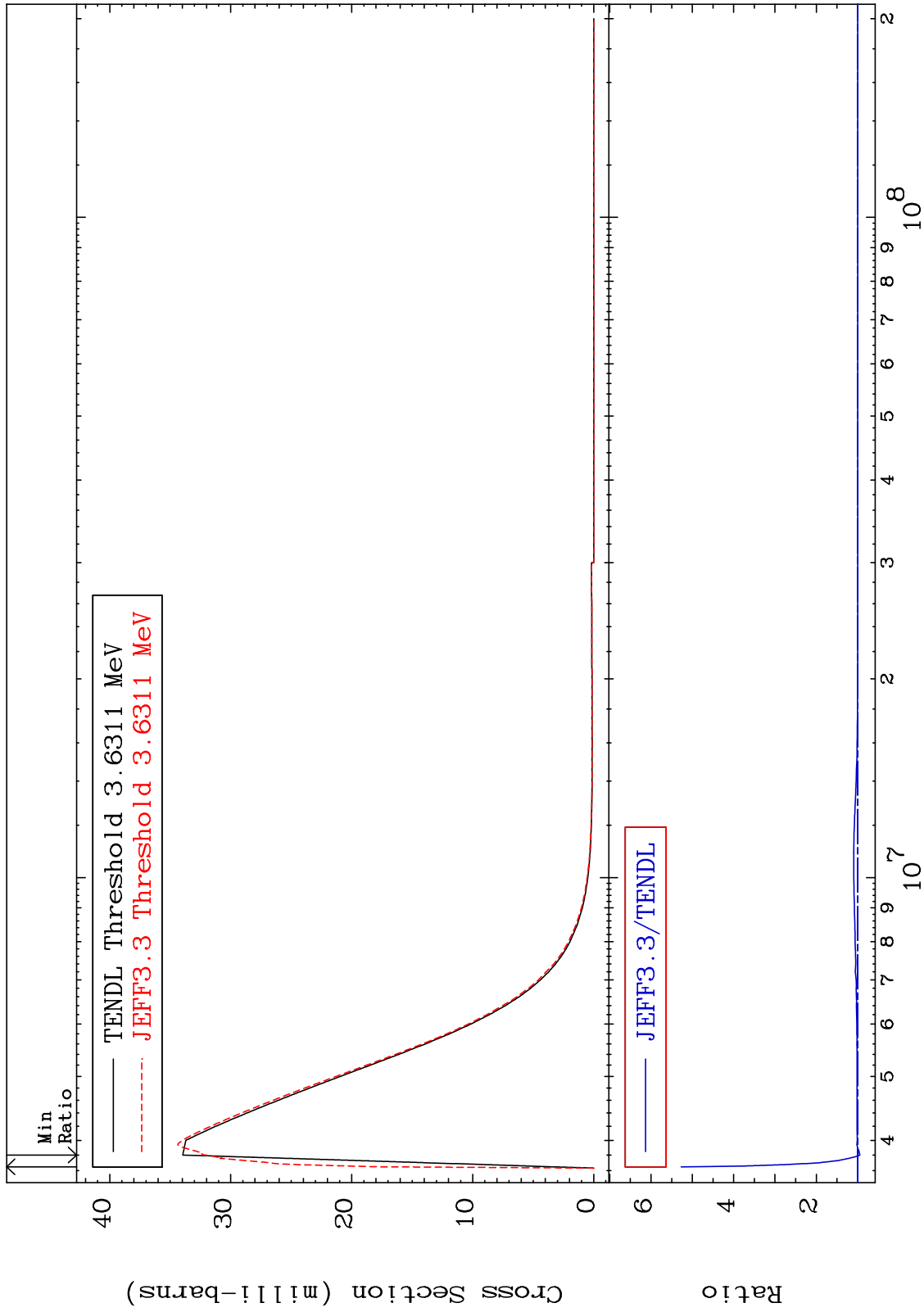
22-Ti-46
-3.148 To 823.3 %



MAT 2225

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

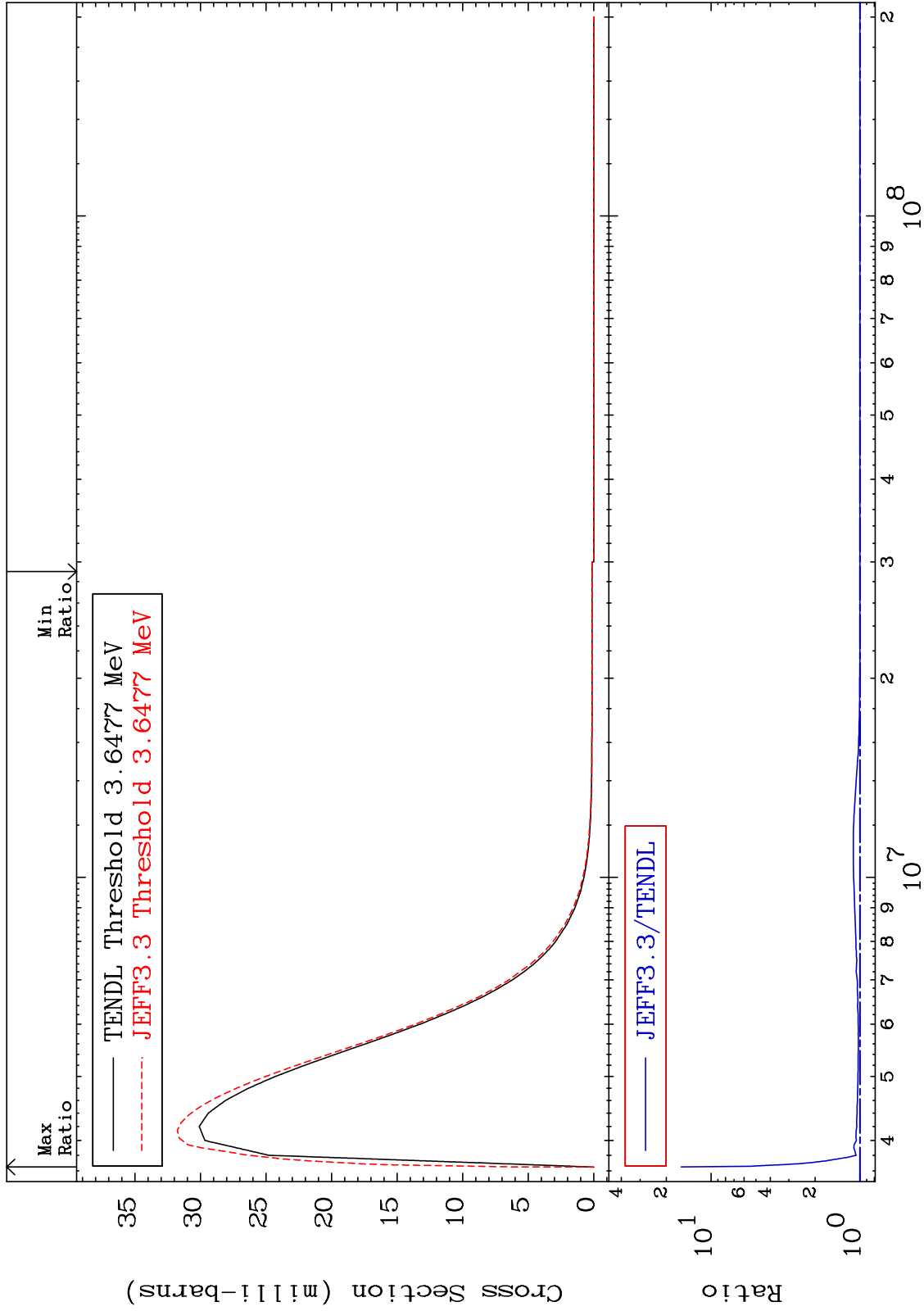
22-Ti-46
-5.536 To 426.9 %



MAT 2225

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

22-Ti-46
0.000 To 1485. %



30

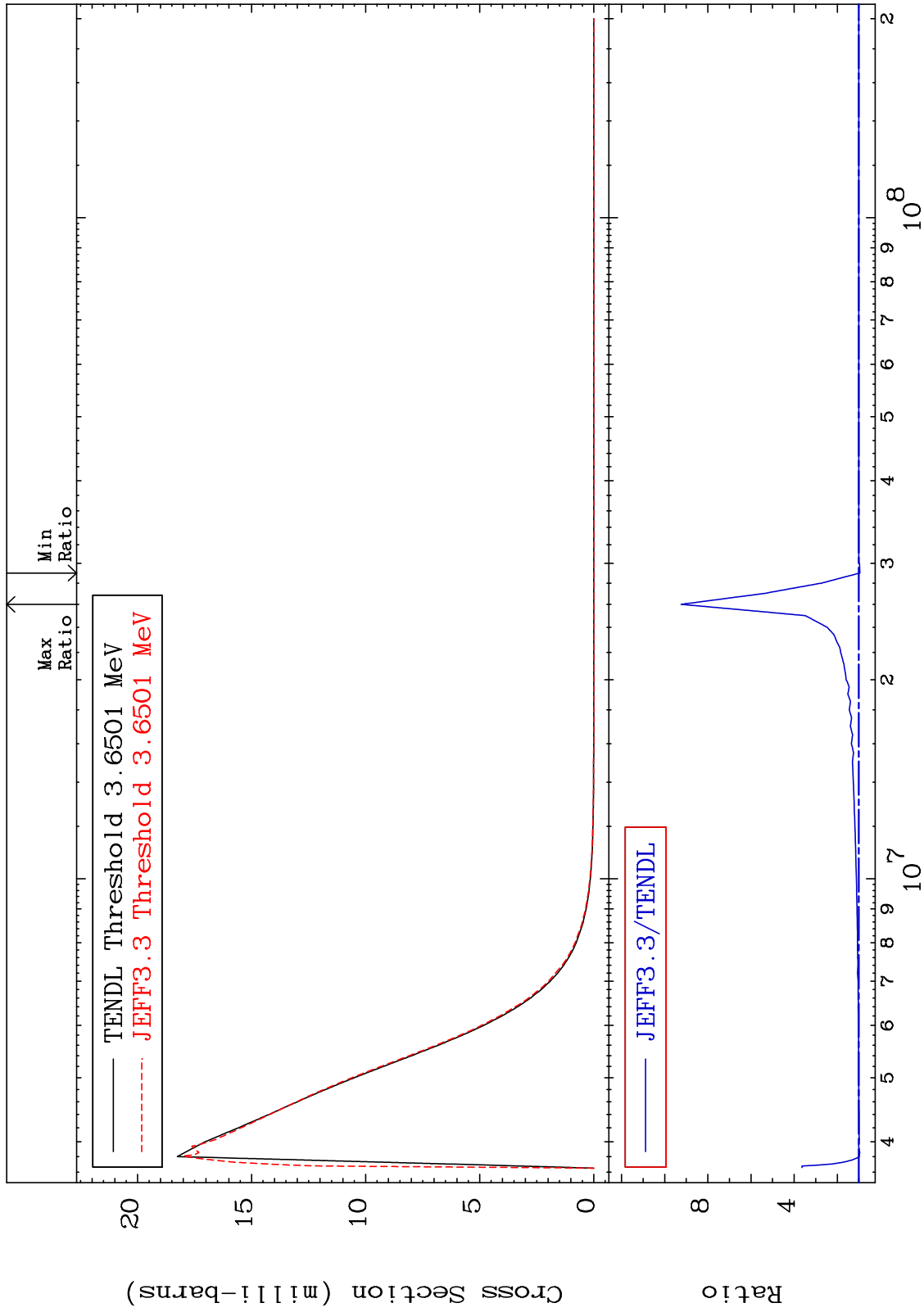
Incident Energy (eV)

22-Ti-46

MAT 2225

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

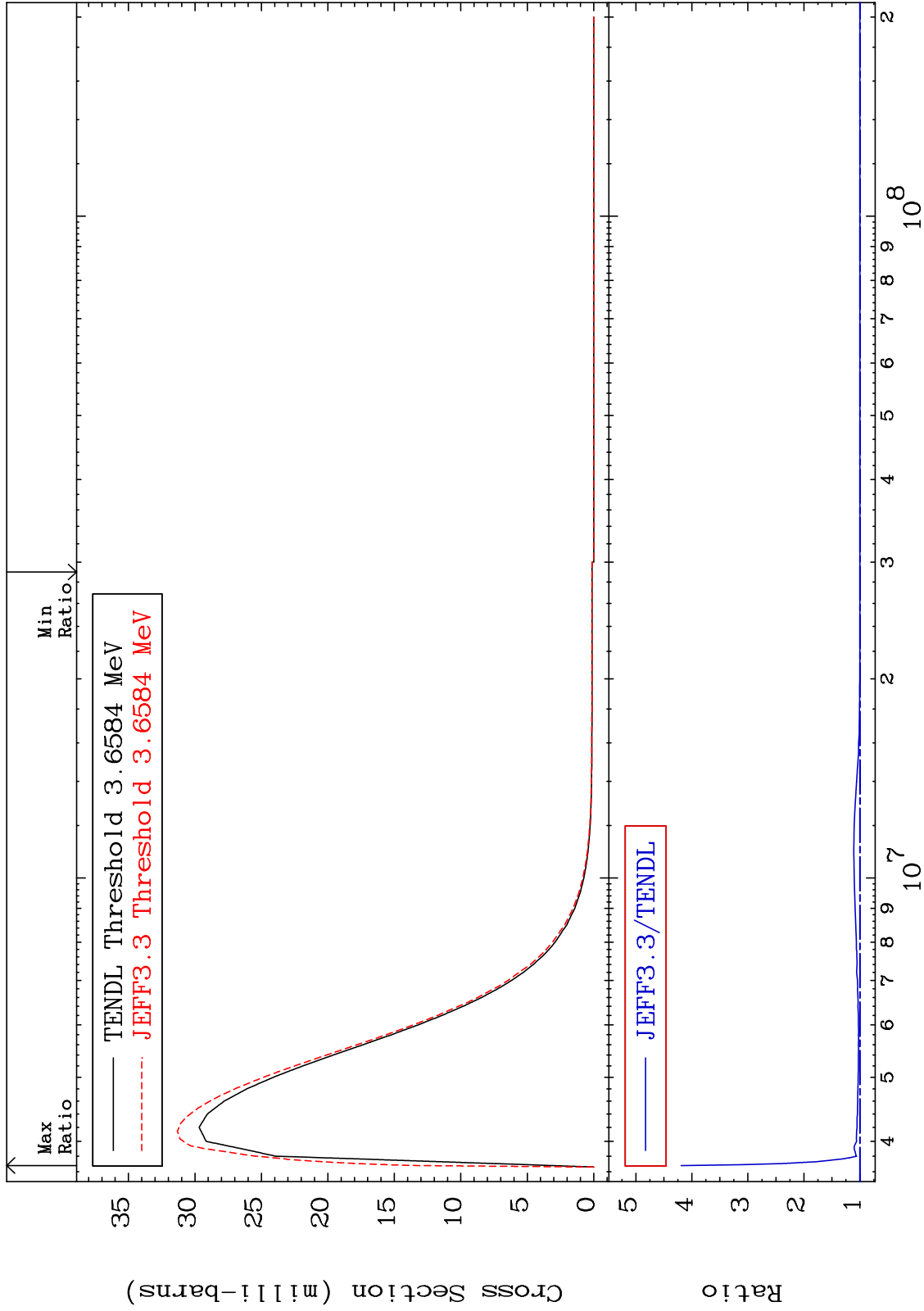
22-Ti-46
-4.897 To 823.3 %



MAT 2225

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

0.000 To 319.0 %
22-Ti-46



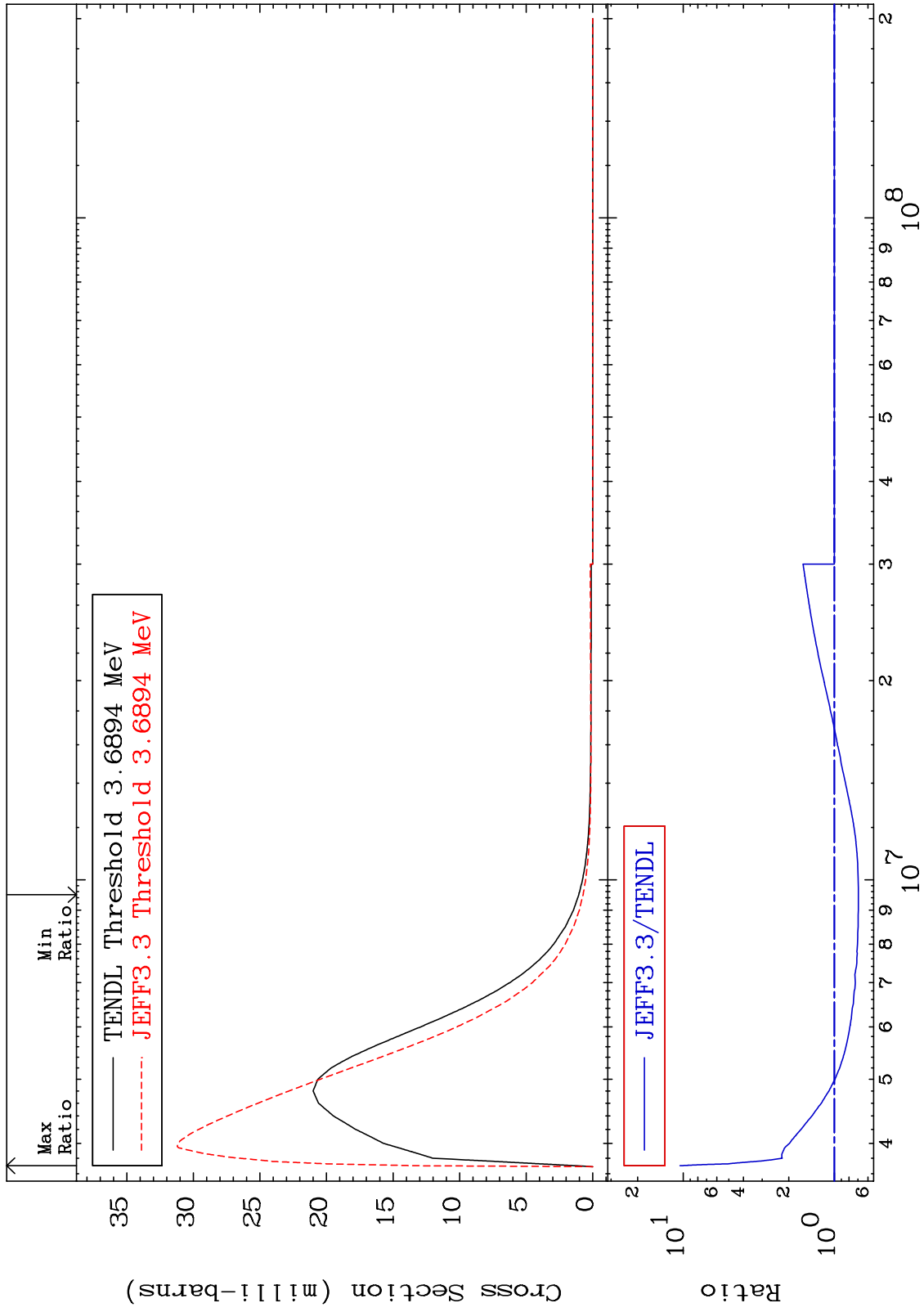
32

22-Ti-46

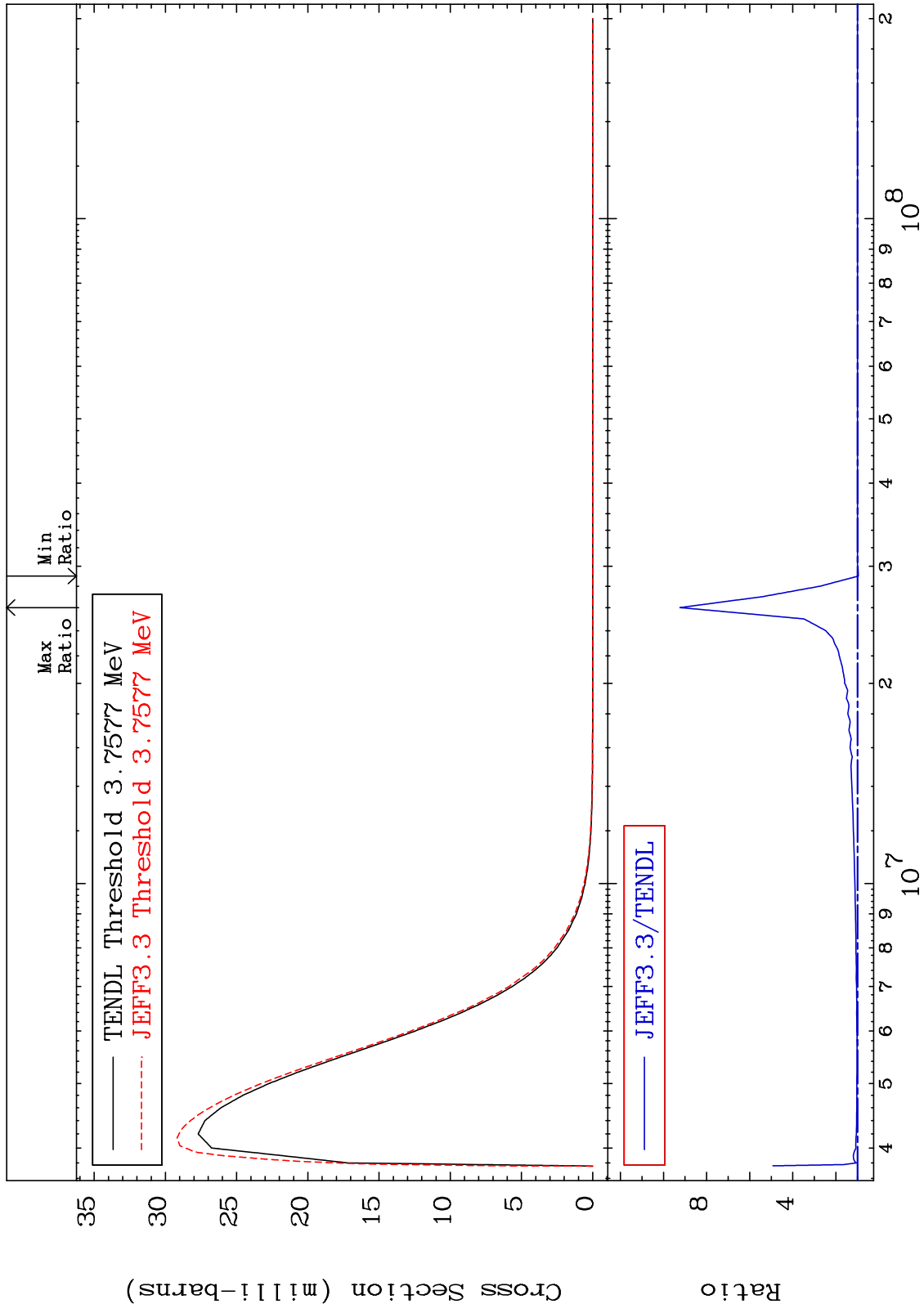
MAT 2225

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

22-Ti-46
-30.60 To 949.6 %



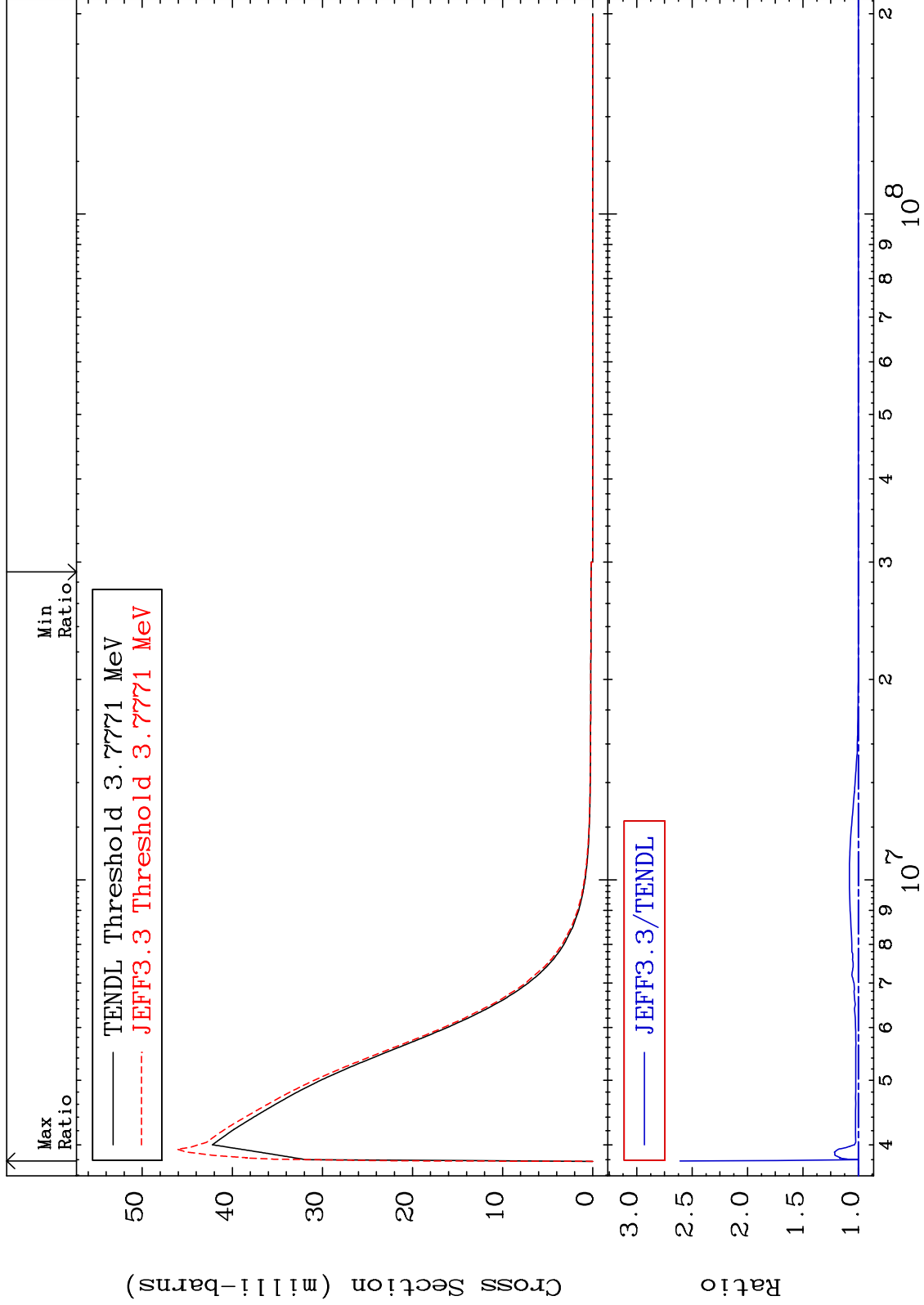
MAT 2225 MT= 68 (n,n') Level 22-Ti-46
 Cross Section -4.520 To 823.3 %



MAT 2225

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

22-Ti-46
0.000 To 161.0 %



35

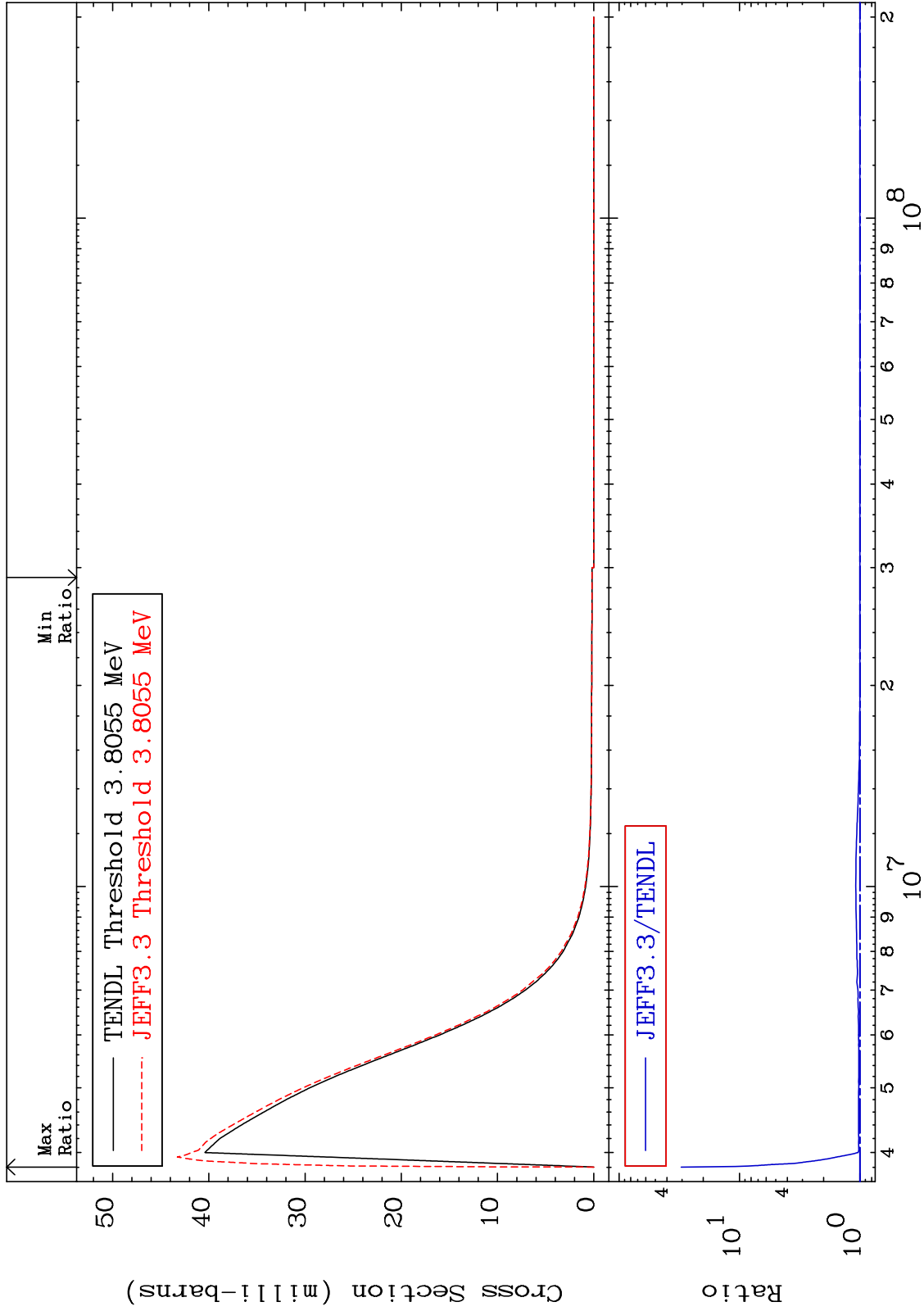
Incident Energy (eV)

22-Ti-46

MAT 2225

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

22-Ti-46
0.000 To 2946. %



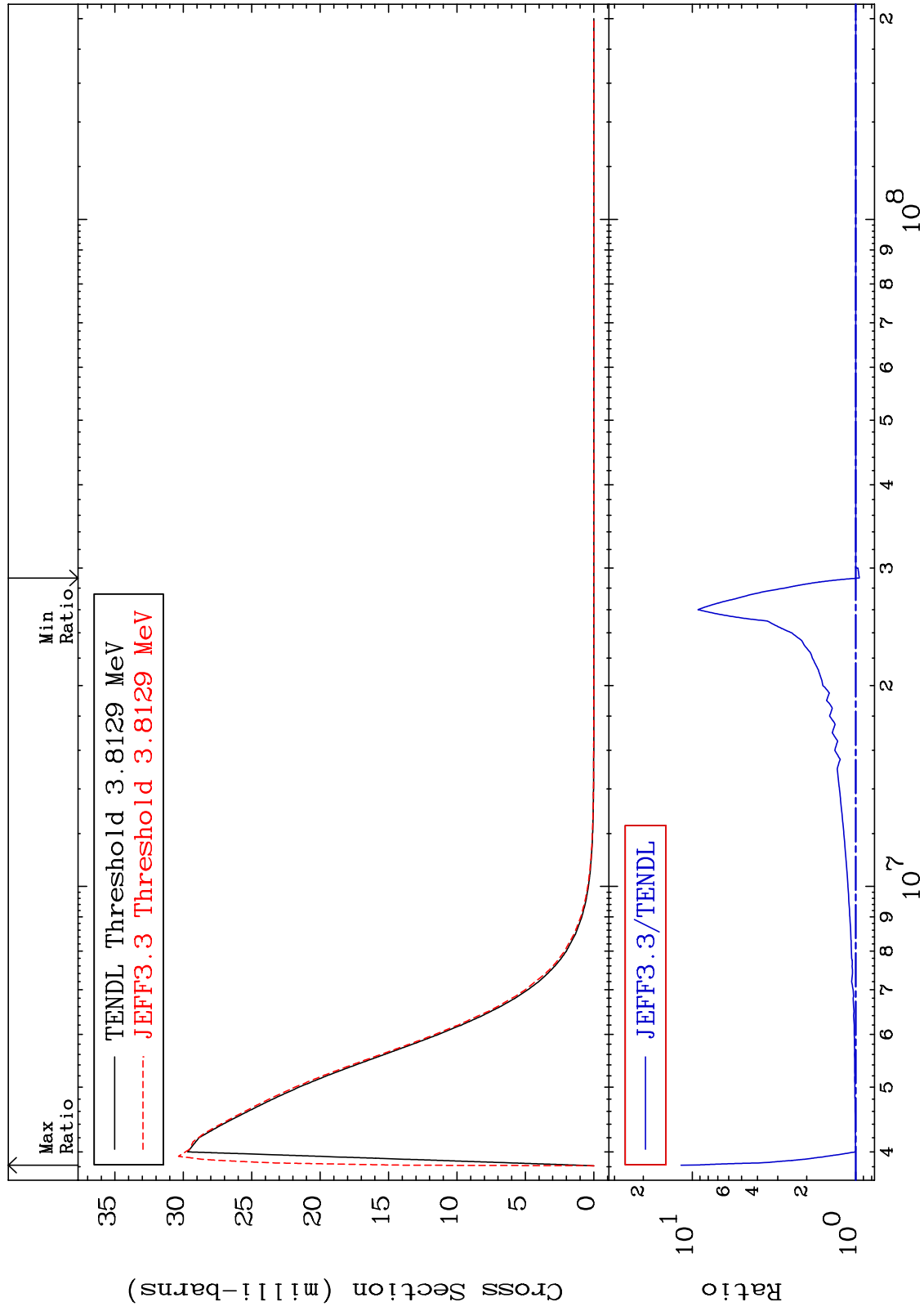
36

22-Ti-46

MAT 2225

MT= 71 (n,n') Level
Cross Section

22-Ti-46
-4.782 To 1073. %



37

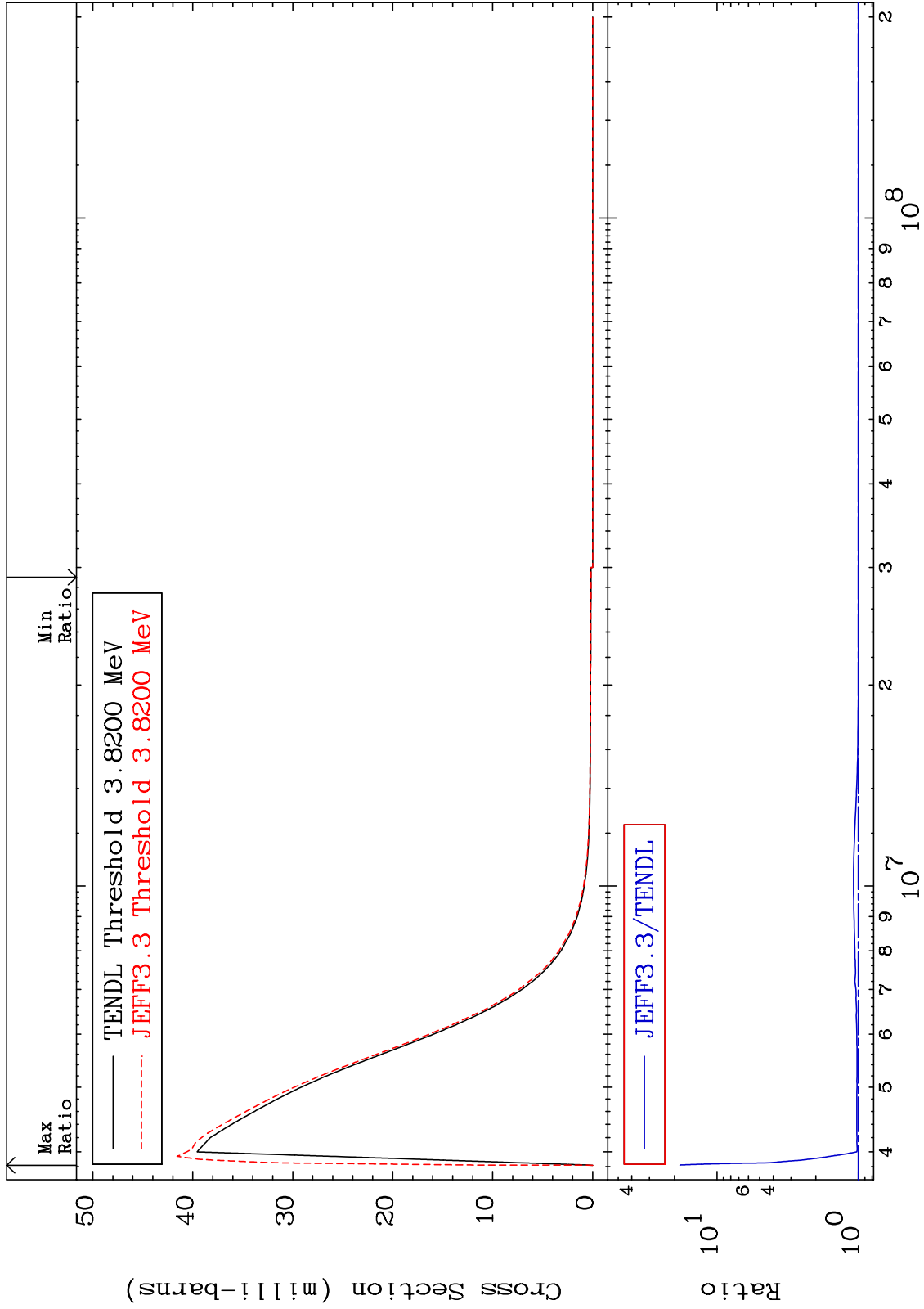
Incident Energy (eV)

22-Ti-46

MAT 2225

MT= 72 (n,n') Level
Cross Section

22-Ti-46
0.000 To 1725. %



38

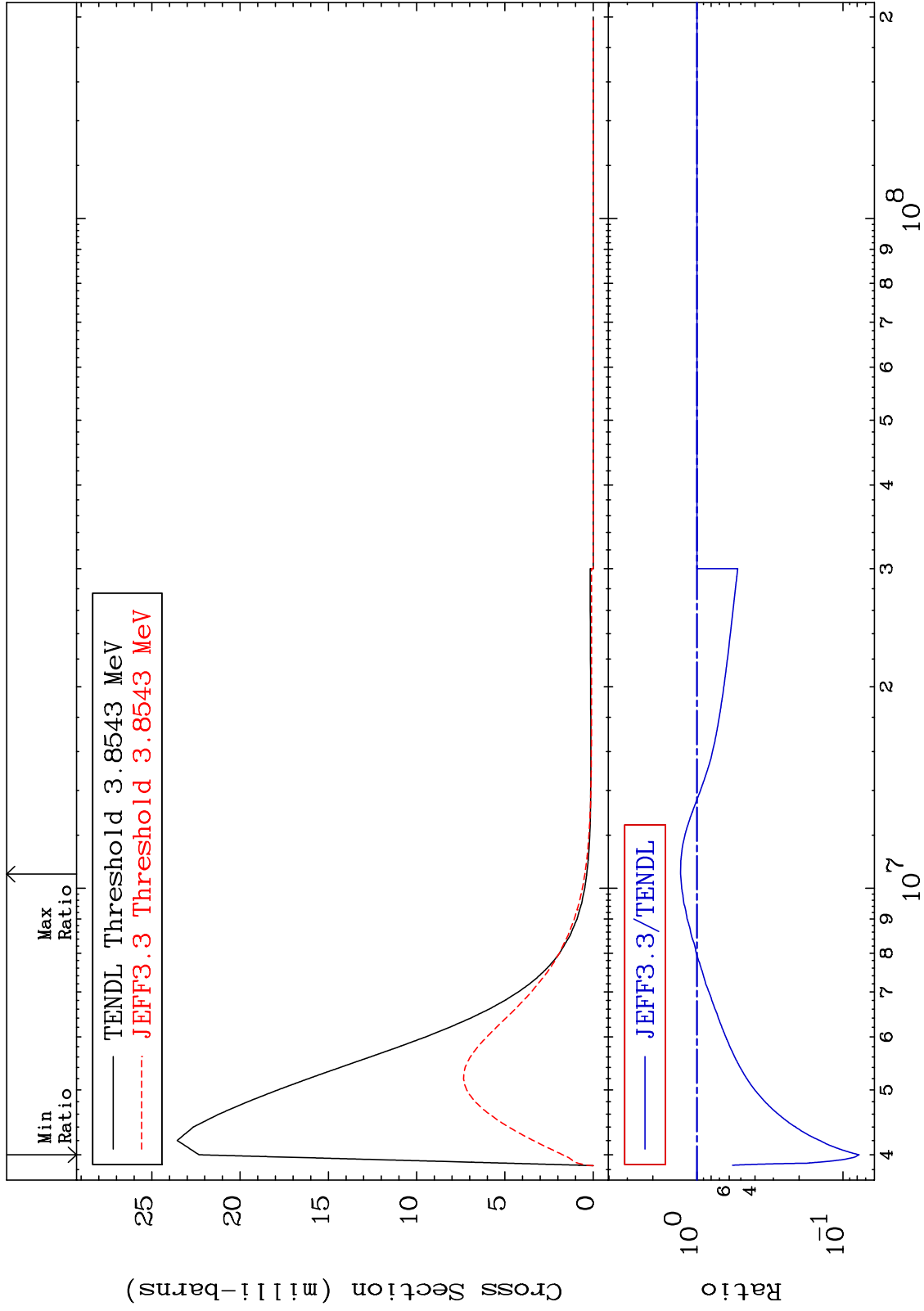
Incident Energy (eV)

22-Ti-46

MAT 2225

MT= 73 (n,n') Level
Cross Section

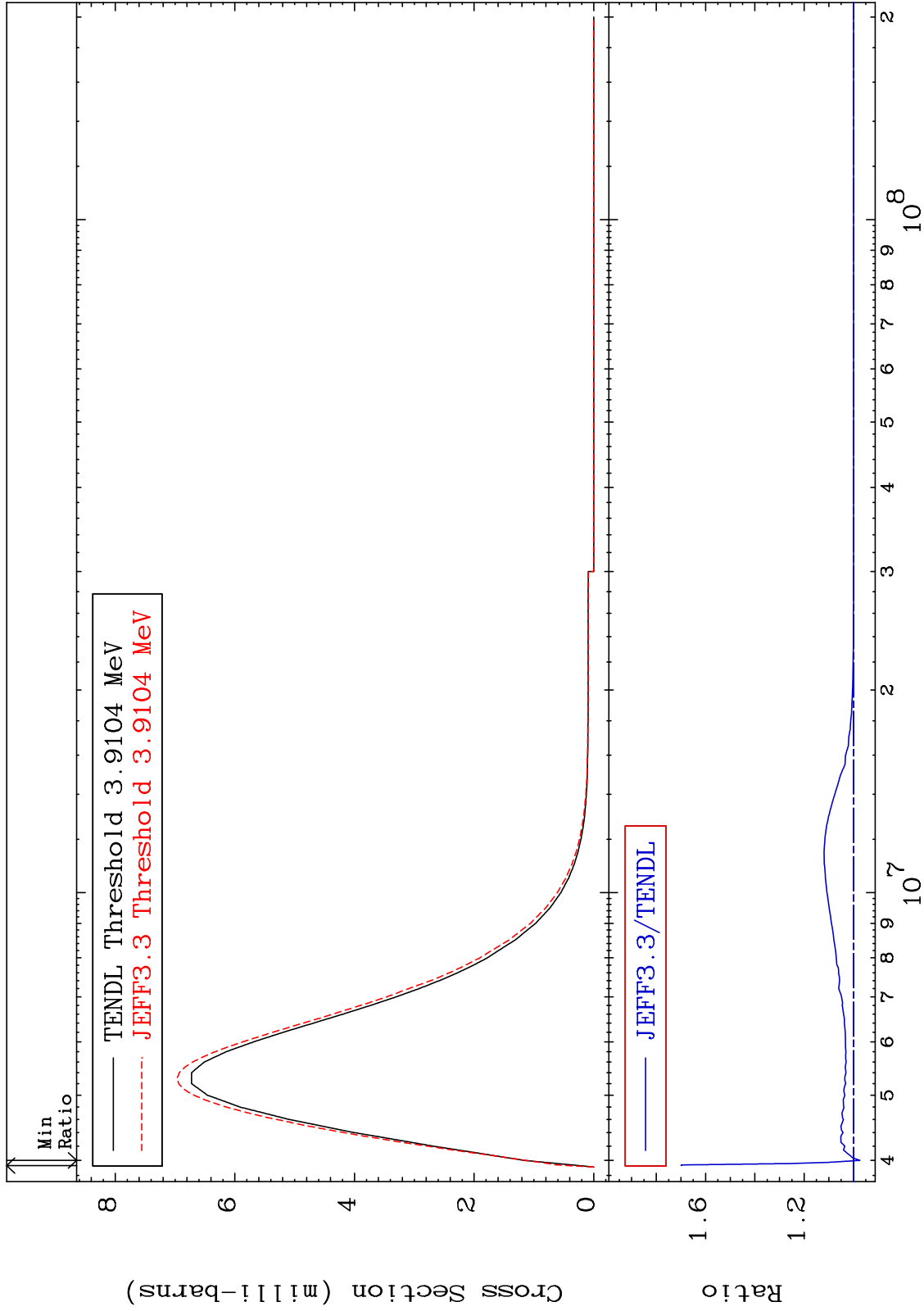
22-Ti-46
-92.26 To 29.23 %



MAT 2225

MT= 74 (n,n') Level
Cross Section

22-Ti-46
-2.623 To 69.88 %



40

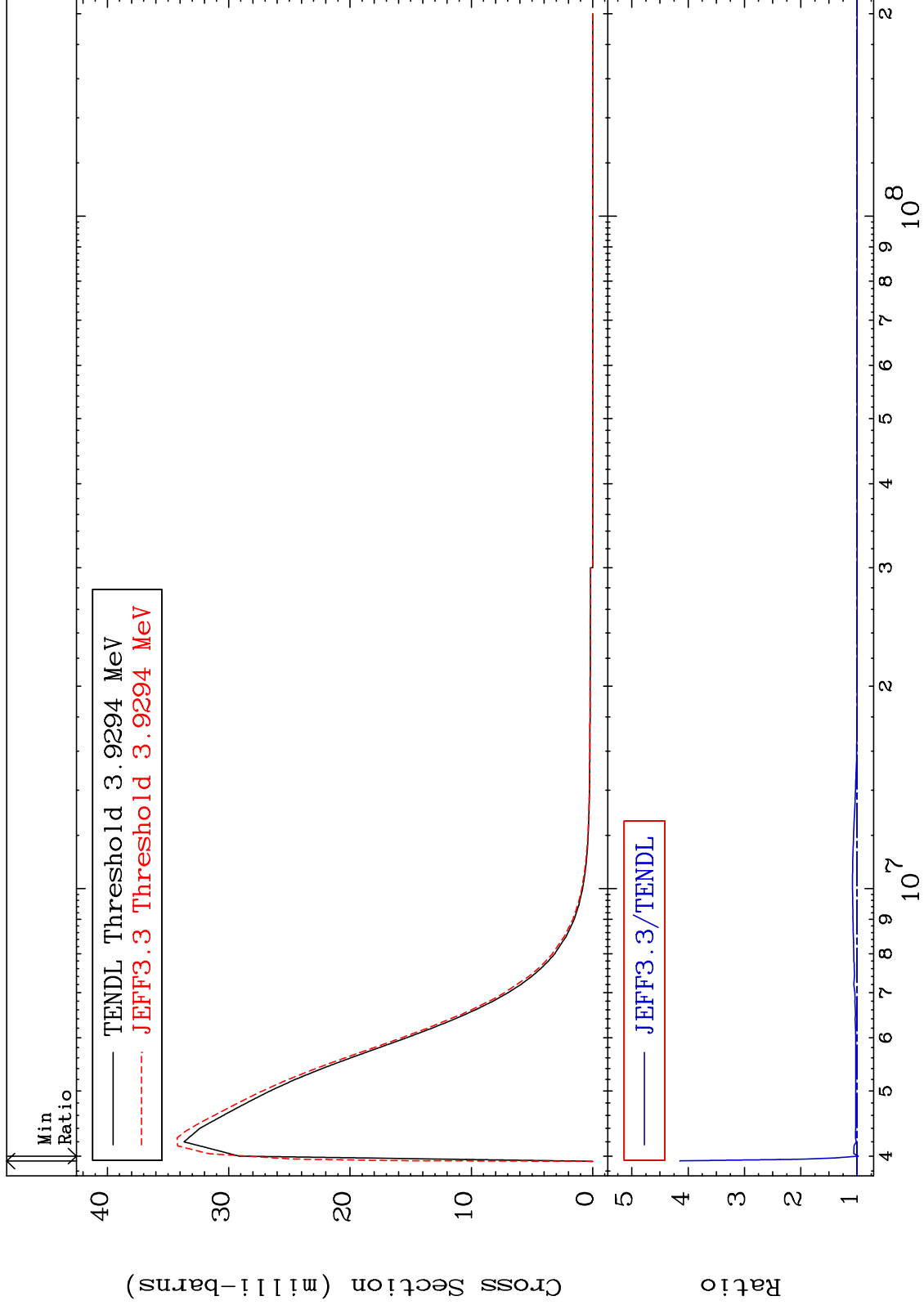
Incident Energy (eV)

22-Ti-46

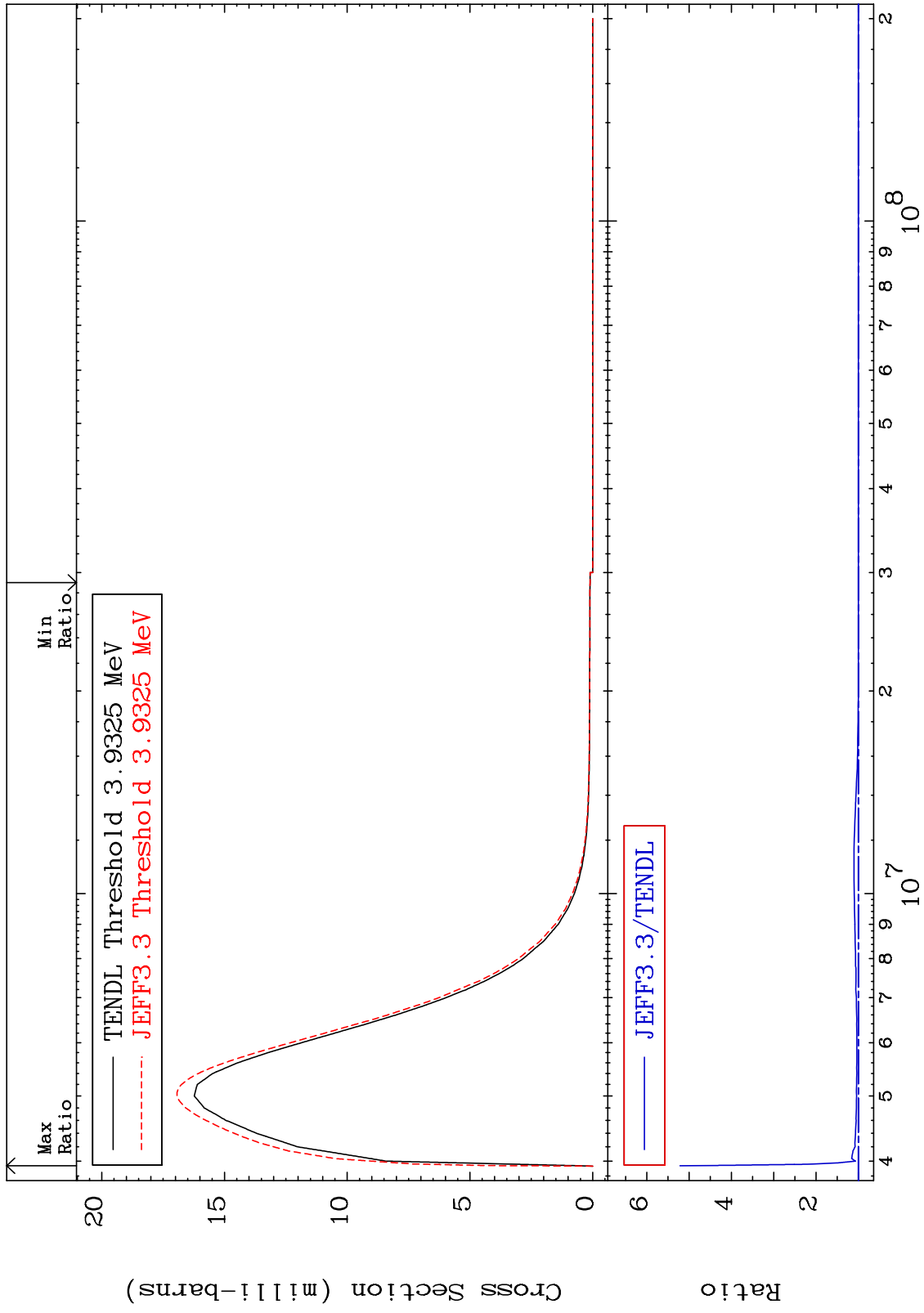
MAT 2225

MT= 75 (n,n') Level
Cross Section

22-Ti-46
-2.252 To 314.4 %



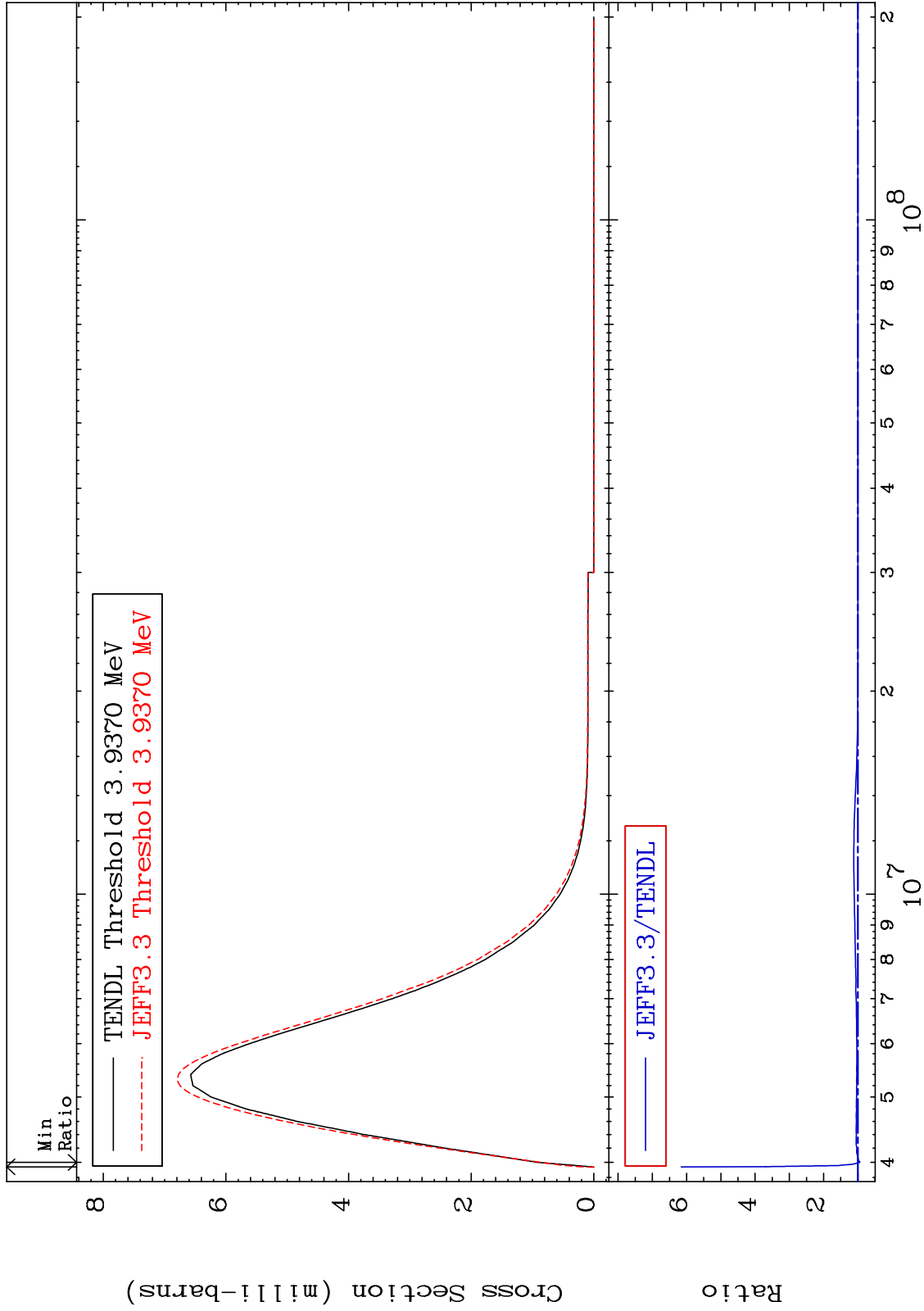
MAT 2225 MT= 76 (n,n') Level Cross Section 22-Ti-46
0.000 To 421.5 %



MAT 2225

MT= 77 (n,n') Level
Cross Section

22-Ti-46
-6.037 To 515.7 %



43

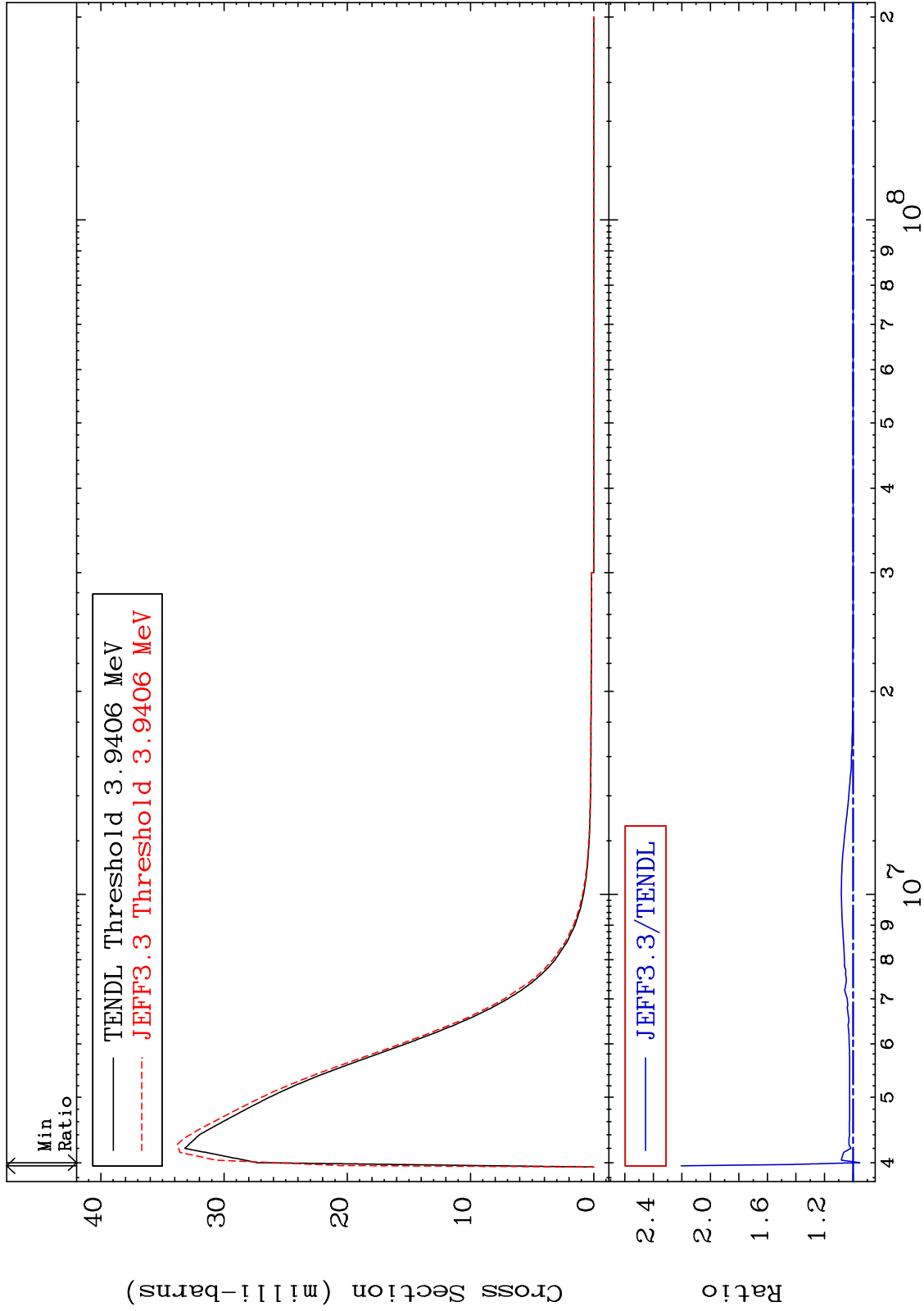
Incident Energy (eV)

22-Ti-46

MAT 2225

MT= 78 (n,n') Level
Cross Section

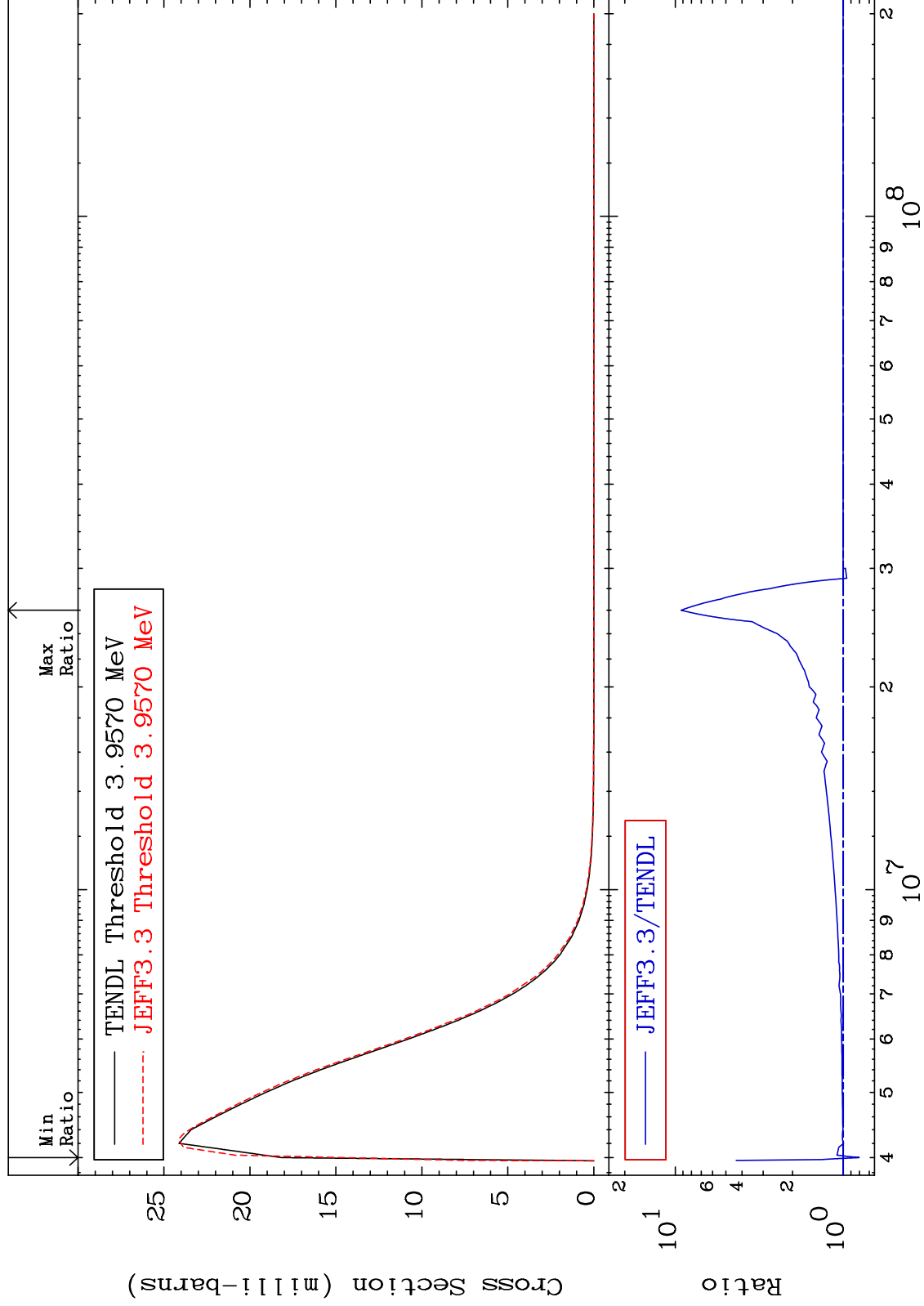
22-Ti-46
-4.836 To 120.4 %



MAT 2225

MT= 79 (n,n') Level
Cross Section

22-Ti-46
-19.77 To 823.4 %



45

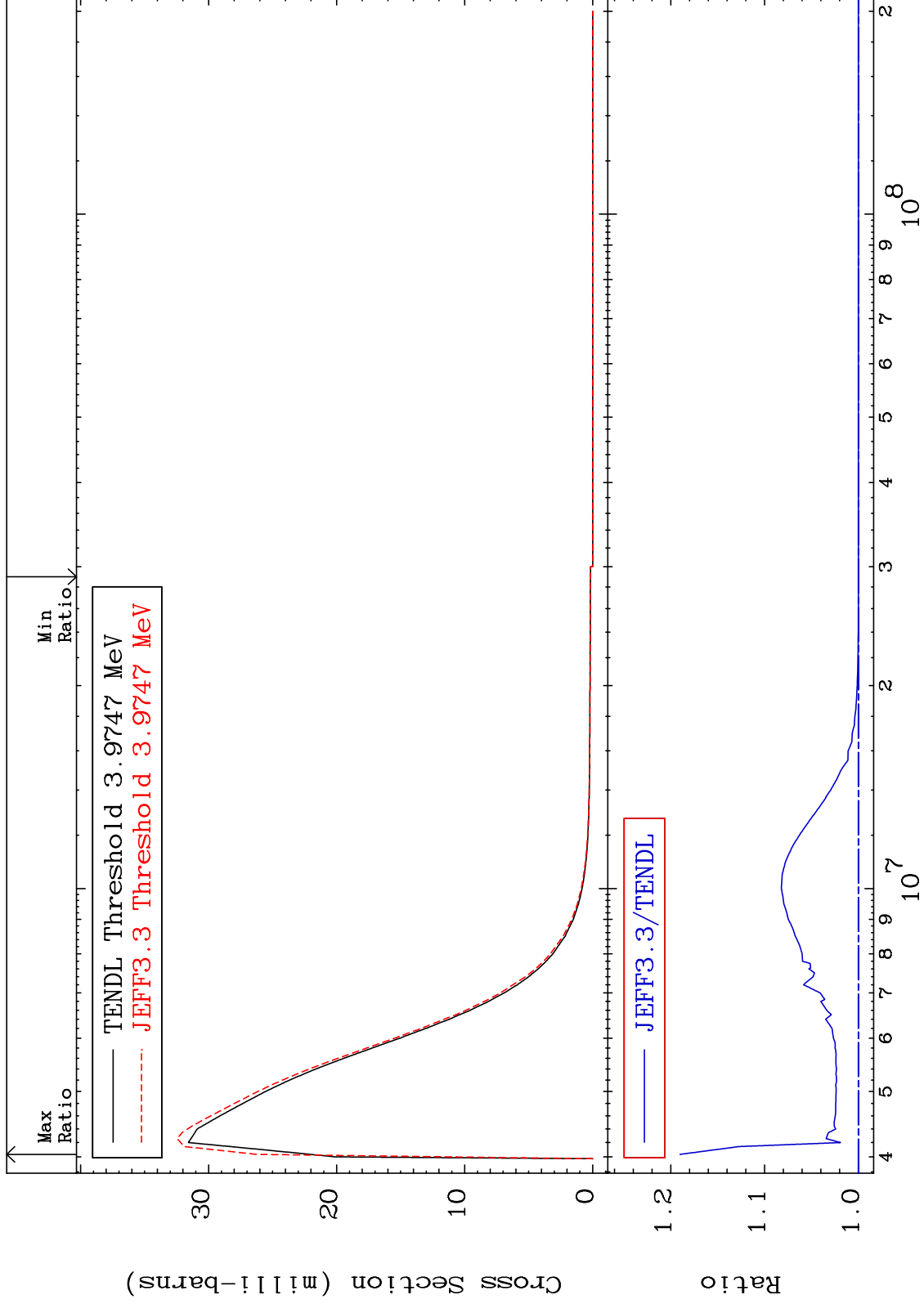
Incident Energy (eV)

22-Ti-46

MAT 2225

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

22-Ti-46
0.000 To 19.02 %



46

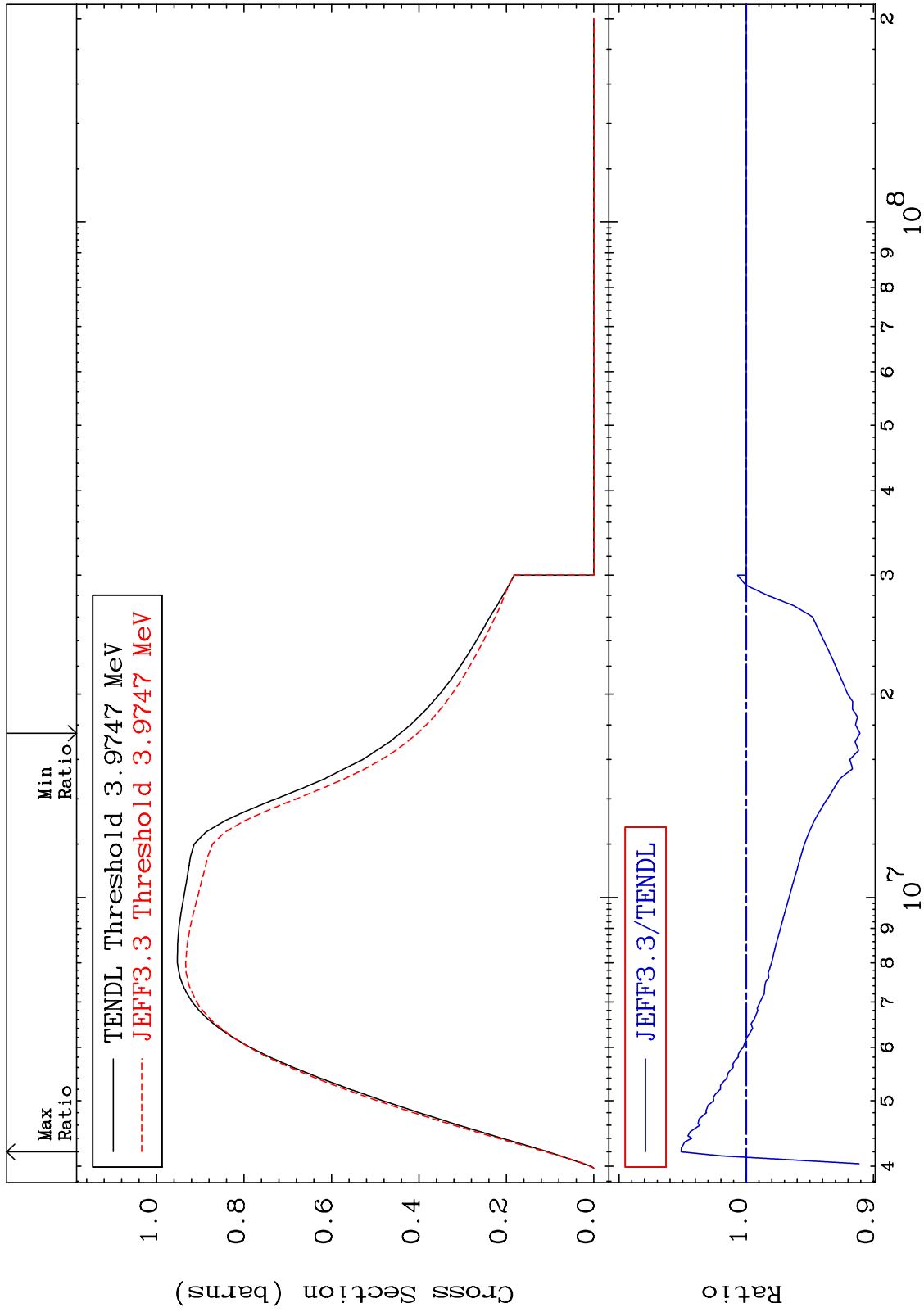
Incident Energy (eV)

22-Ti-46

MAT 2225

(n,n') Continuum
Cross Section

22-Ti-46
-8.935 To 5.116 %



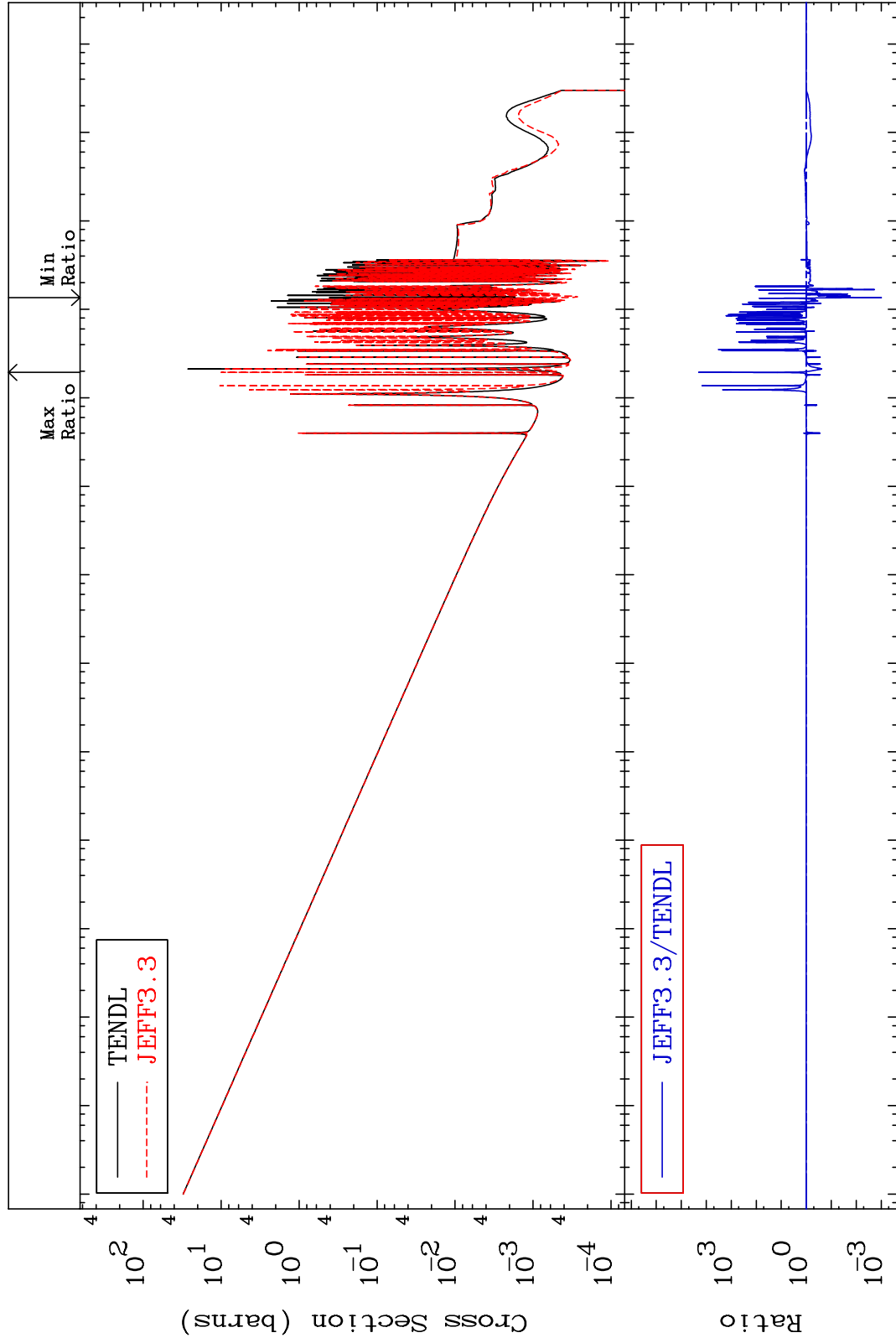
MAT 2225

(n, γ)

22-Ti-46

Cross Section

-99.90 To 9999. %



48

Incident Energy (eV)

22-Ti-46

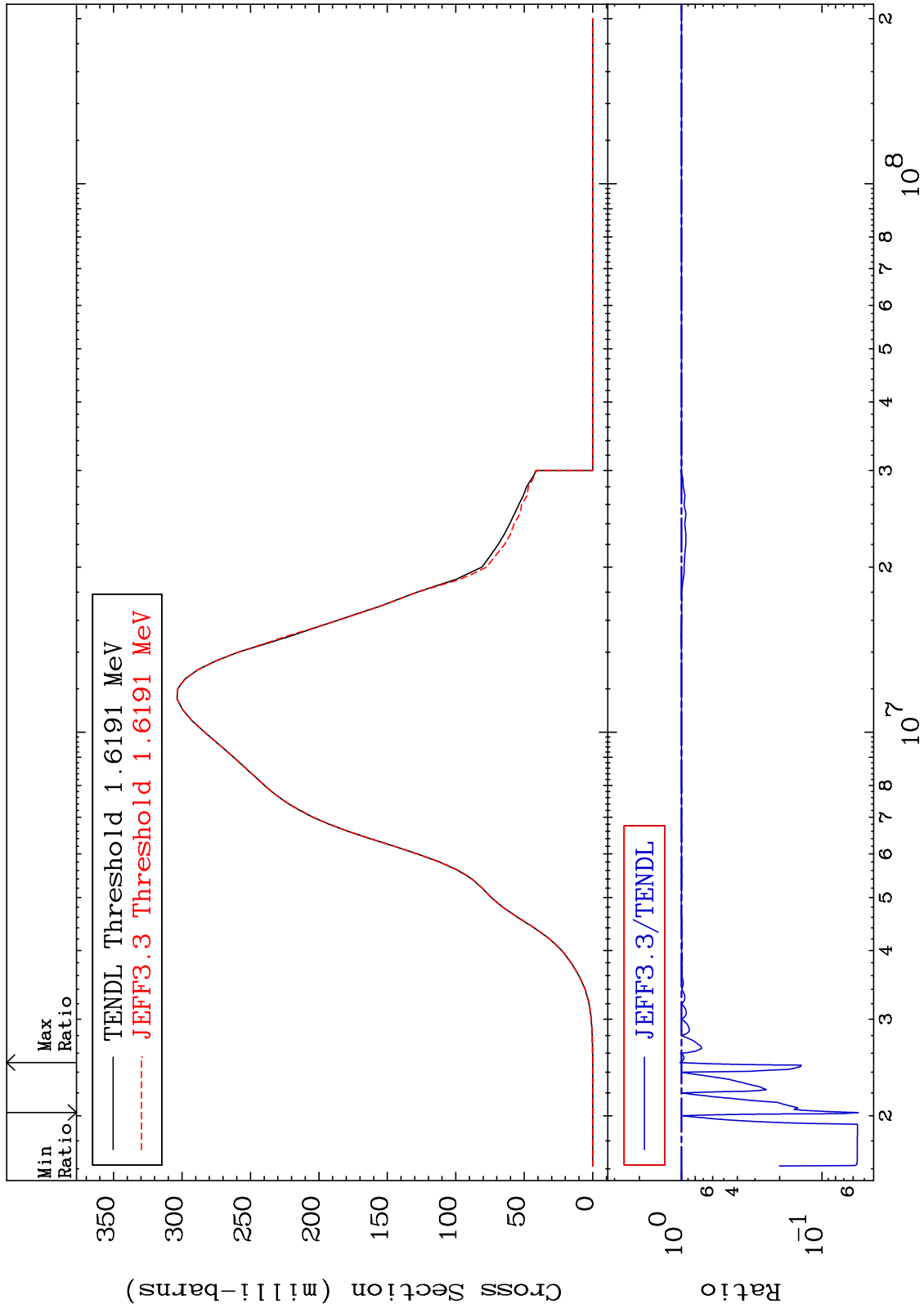
MAT 2225

(n, p)

22-Ti-46

Cross Section

-94.50 To 2.542 %



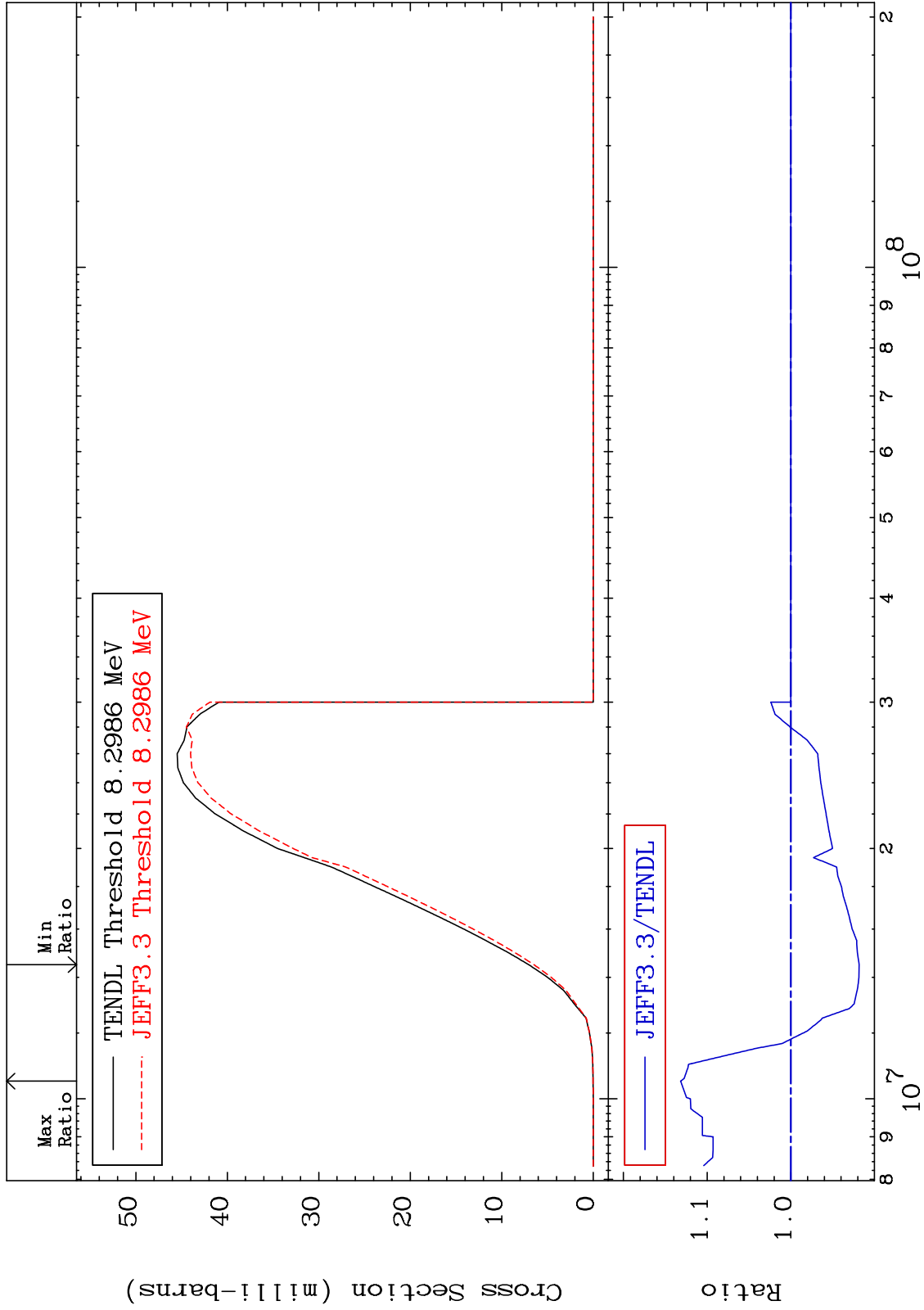
MAT 2225

(n,d)

22-Ti-46

Cross Section

-8.158 To 13.17 %



50

Incident Energy (eV)

22-Ti-46

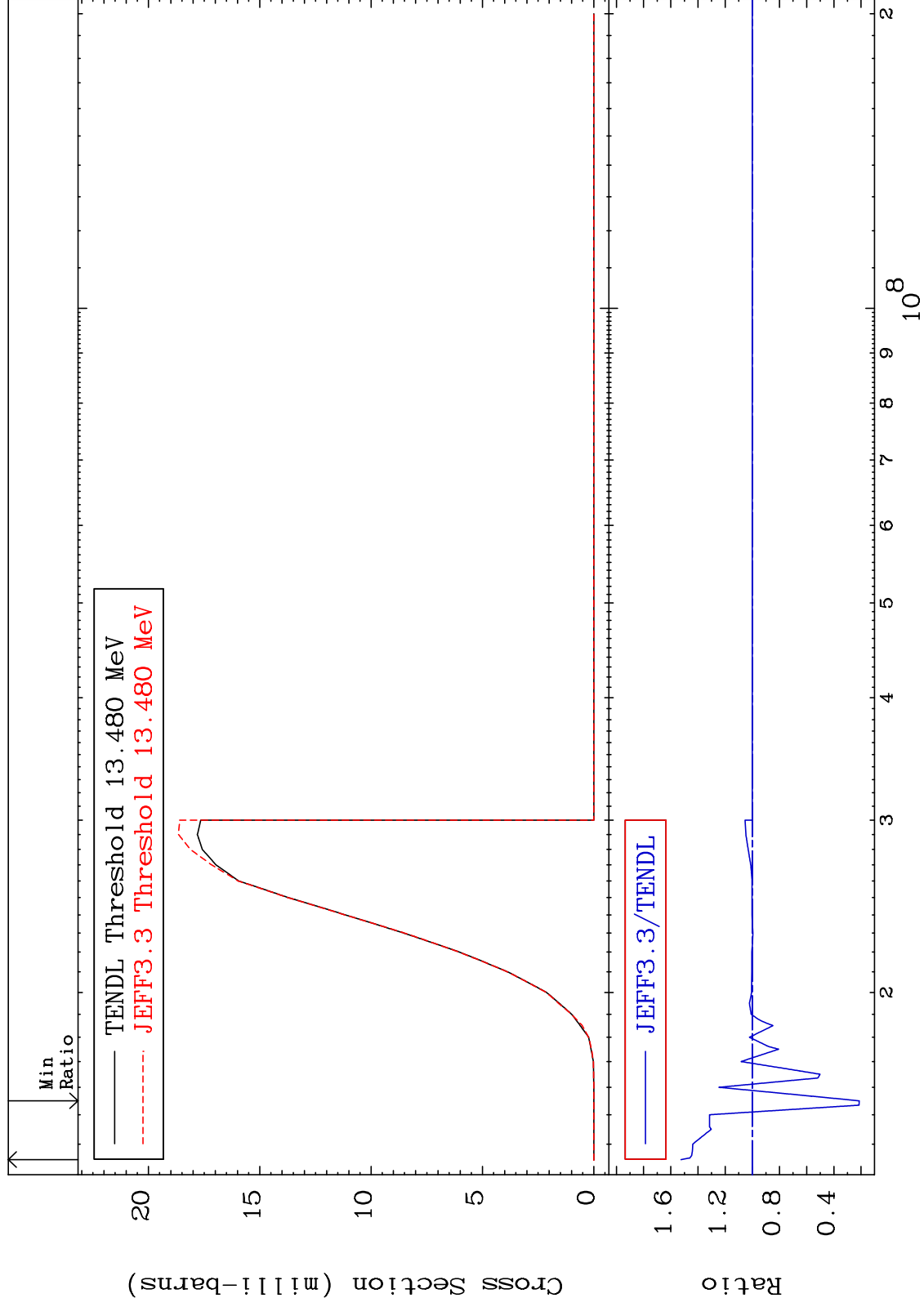
MAT 2225

(n, t)

22-Ti-46

Cross Section

-78.70 To 52.44 %



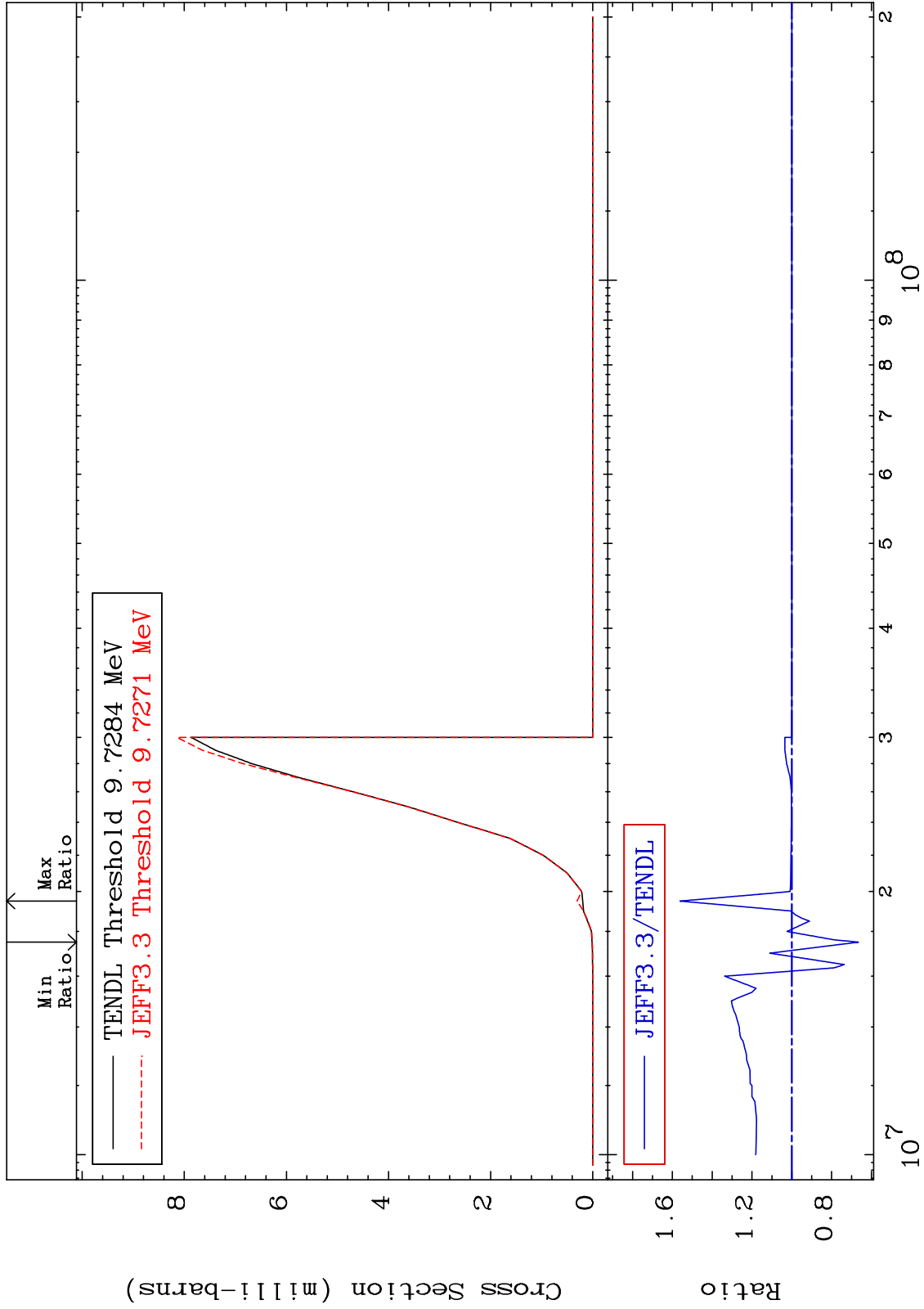
MAT 2225

(n, He-3)

22-Ti-46

Cross Section

-33.45 To 56.14 %



52

Incident Energy (eV)

22-Ti-46

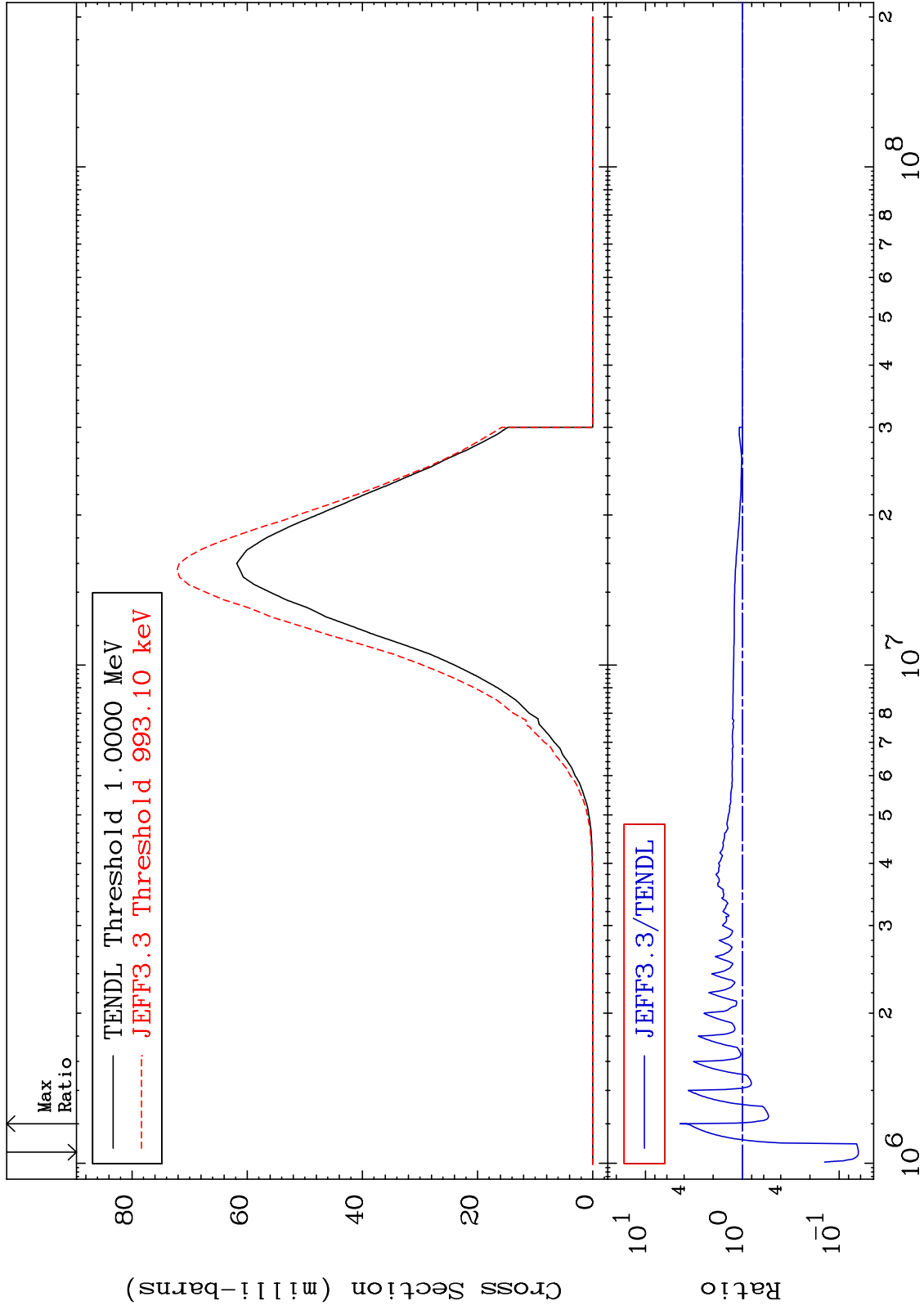
MAT 2225

(n, α)

22-Ti-46

Cross Section

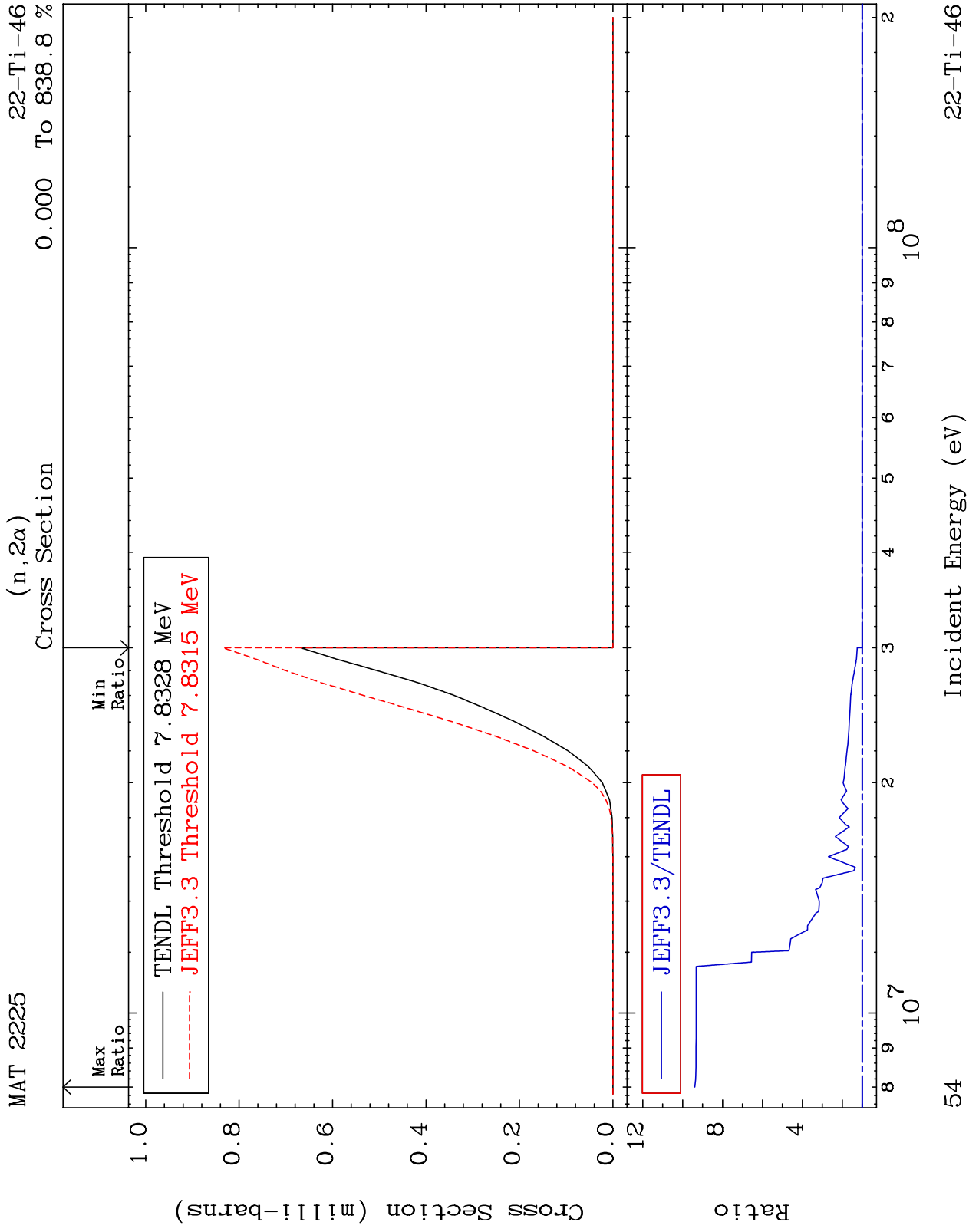
-93.69 To 339.6 %



53

Incident Energy (eV)

22-Ti-46



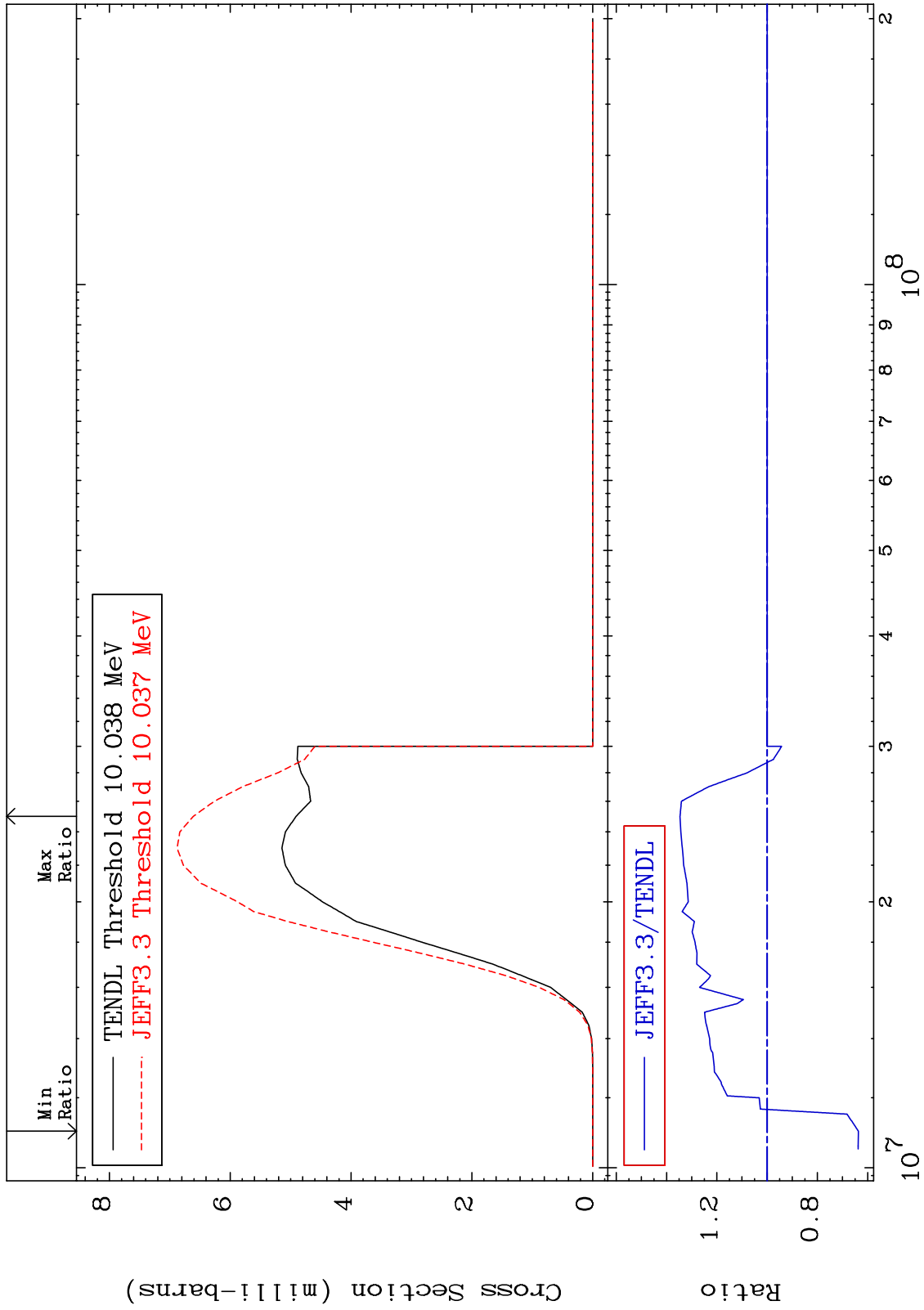
MAT 2225

(n,2p)

22-Ti-46

Cross Section

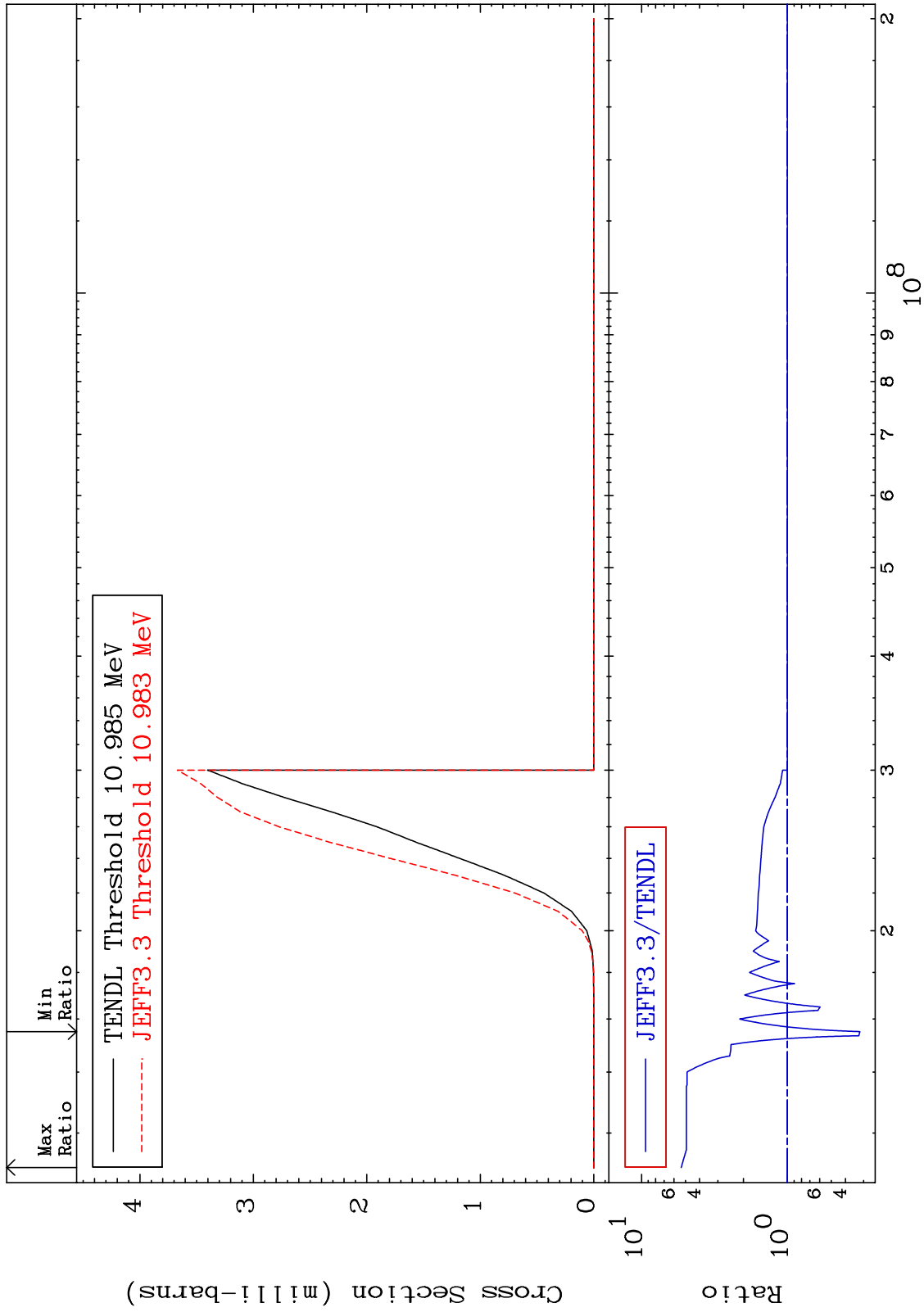
-36.32 To 34.65 %



55

Incident Energy (eV)

22-Ti-46



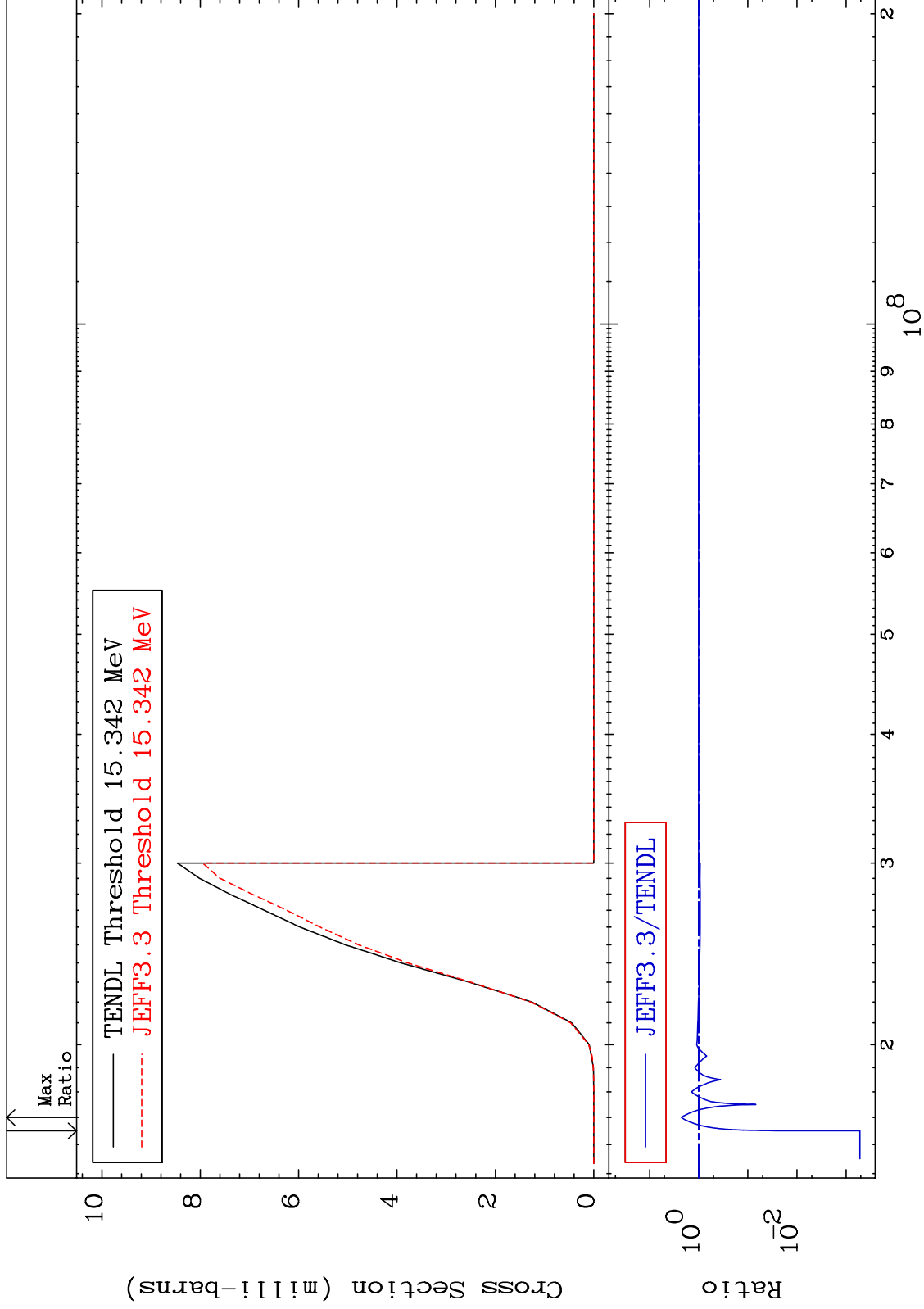
MAT 2225

(n,p) d

22-Ti-46

Cross Section

-99.95 To 127.3 %



57

Incident Energy (eV)

22-Ti-46

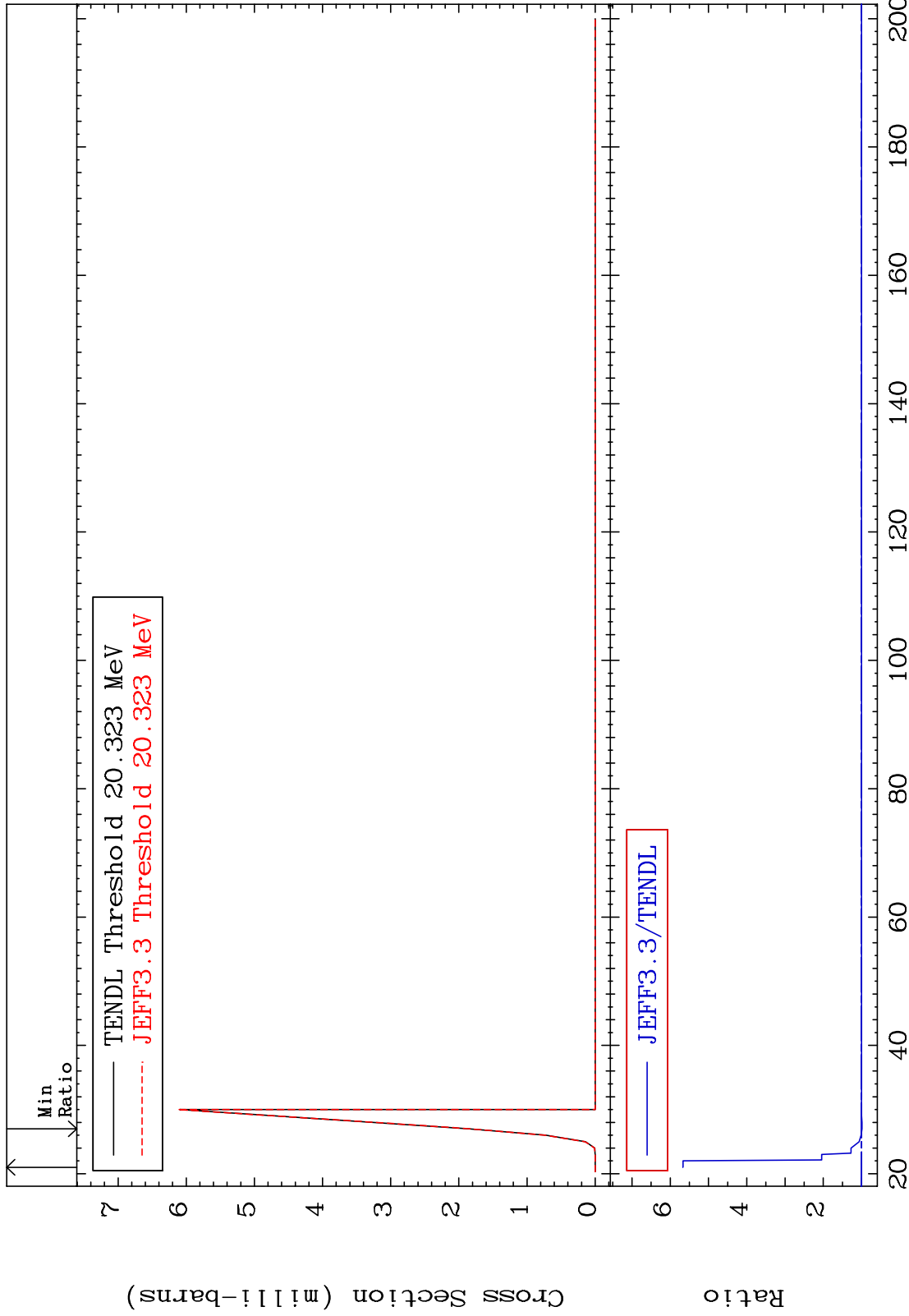
MAT 2225

(n,p) t

22-Ti-46

Cross Section

-1.170 To 466.9 %



22-Ti-46

Incident Energy (MeV)

58

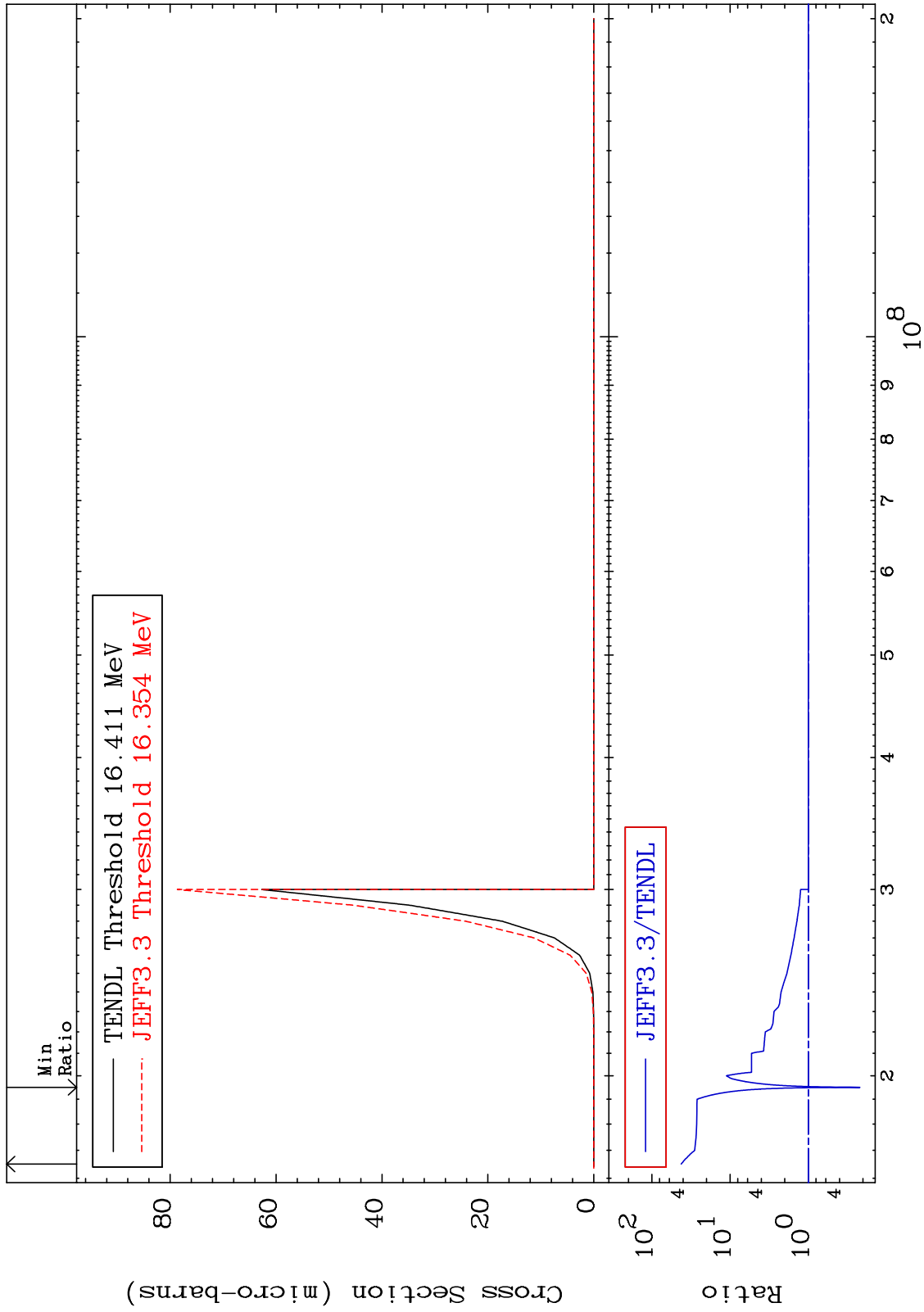
MAT 2225

(n,d) α

22-Ti-46

Cross Section

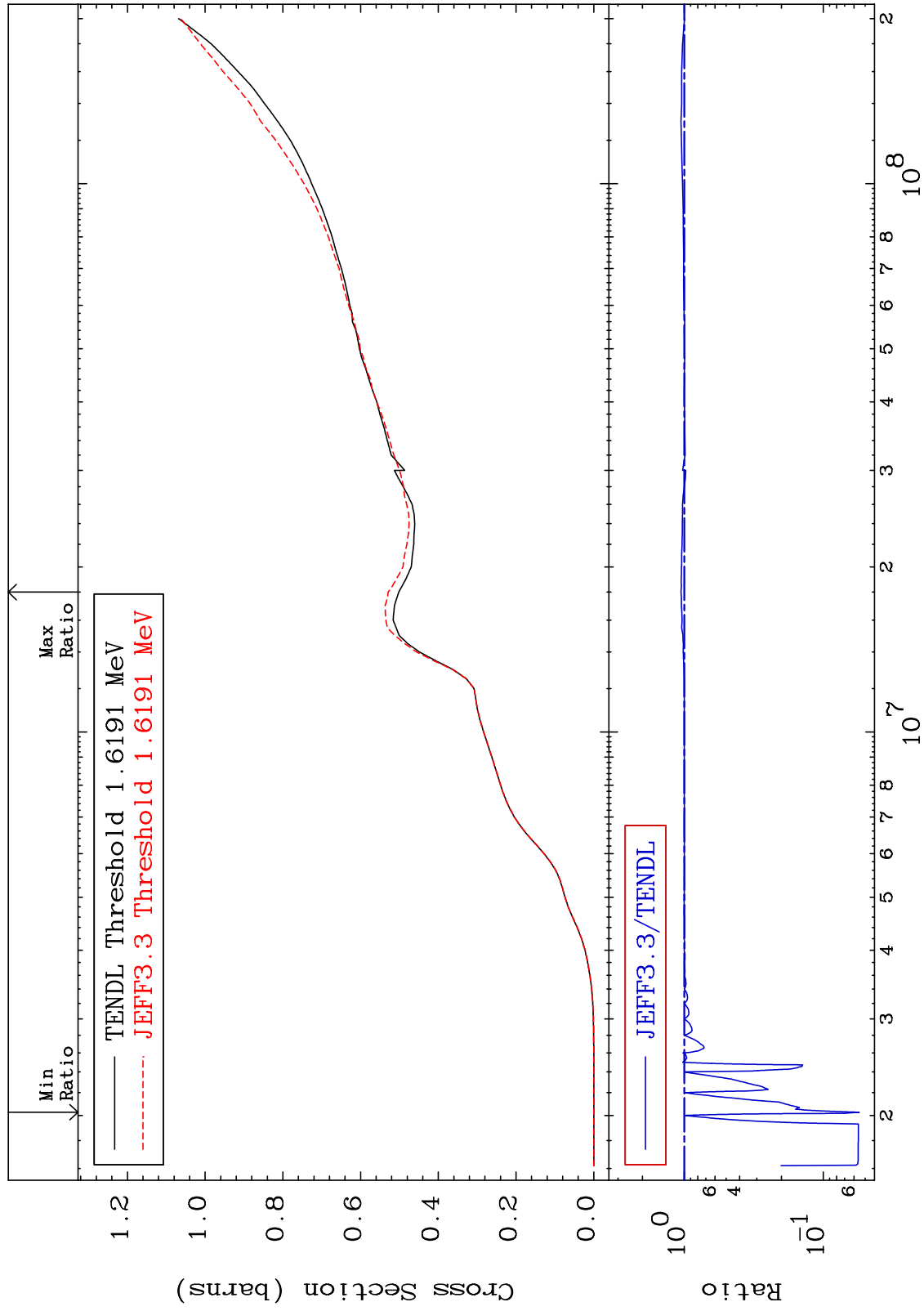
-78.11 To 4122. %



MAT 2225

Hydrogen Production
Cross Section

22-Ti-46
-94.50 To 5.424 %



60

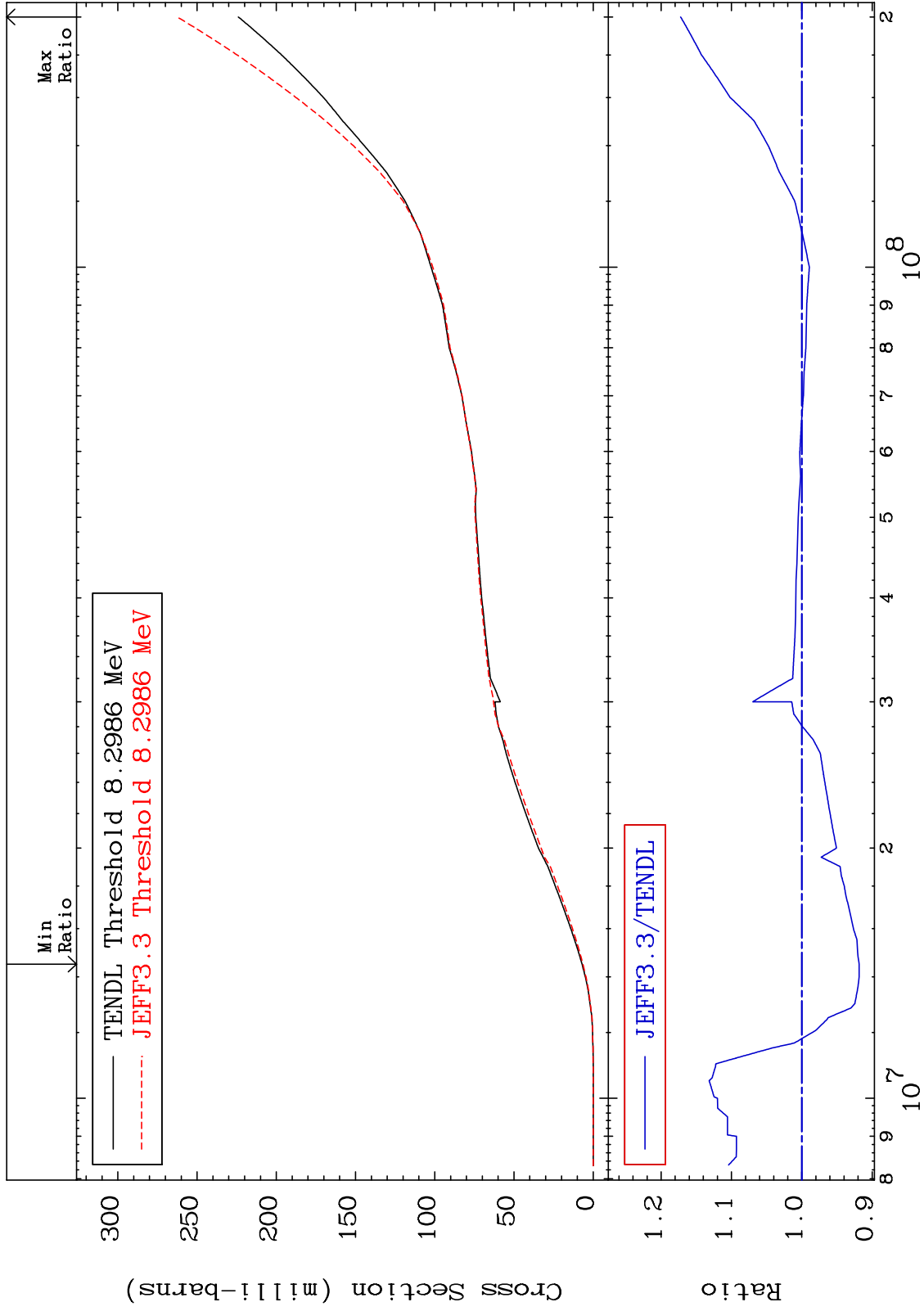
Incident Energy (eV)

22-Ti-46

MAT 2225

Deuterium Production
Cross Section

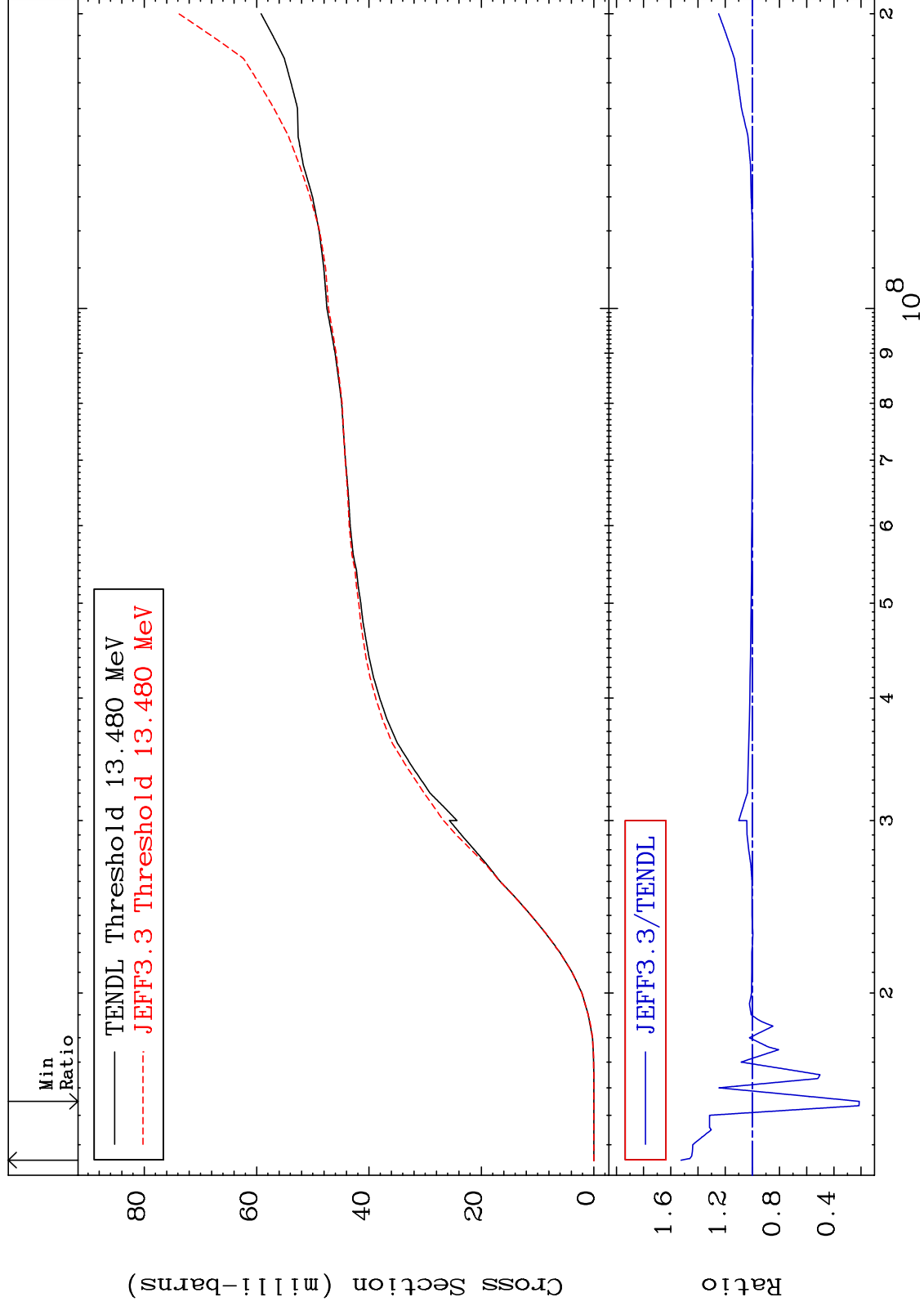
22-Ti-46
-8.158 To 17.23 %



MAT 2225

Tritium Production
Cross Section

22-Ti-46
-78.70 To 52.44 %



62

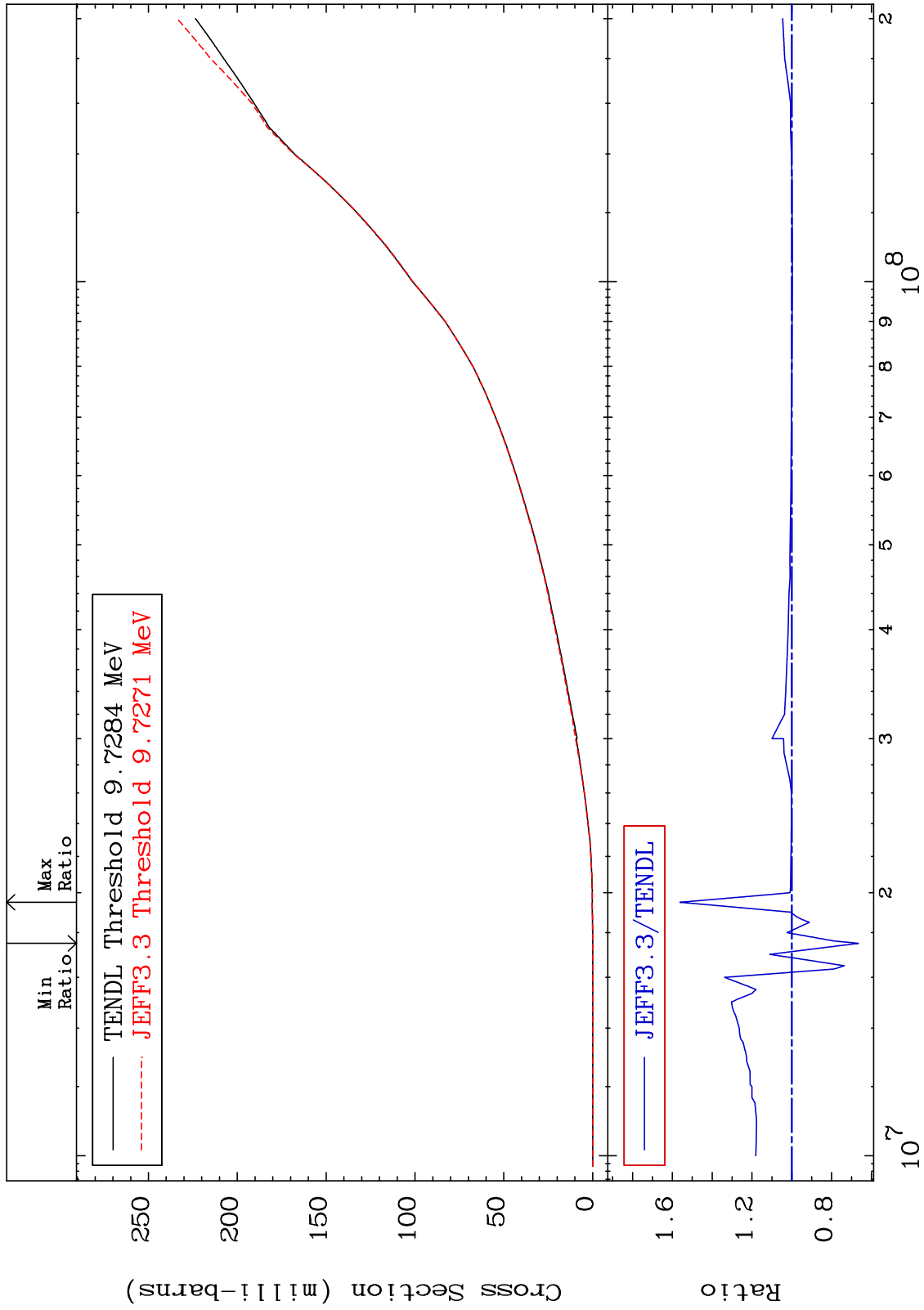
Incident Energy (eV)

22-Ti-46

MAT 2225

He-3 Production
Cross Section

22-Ti-46
-33.45 To 56.14 %



63

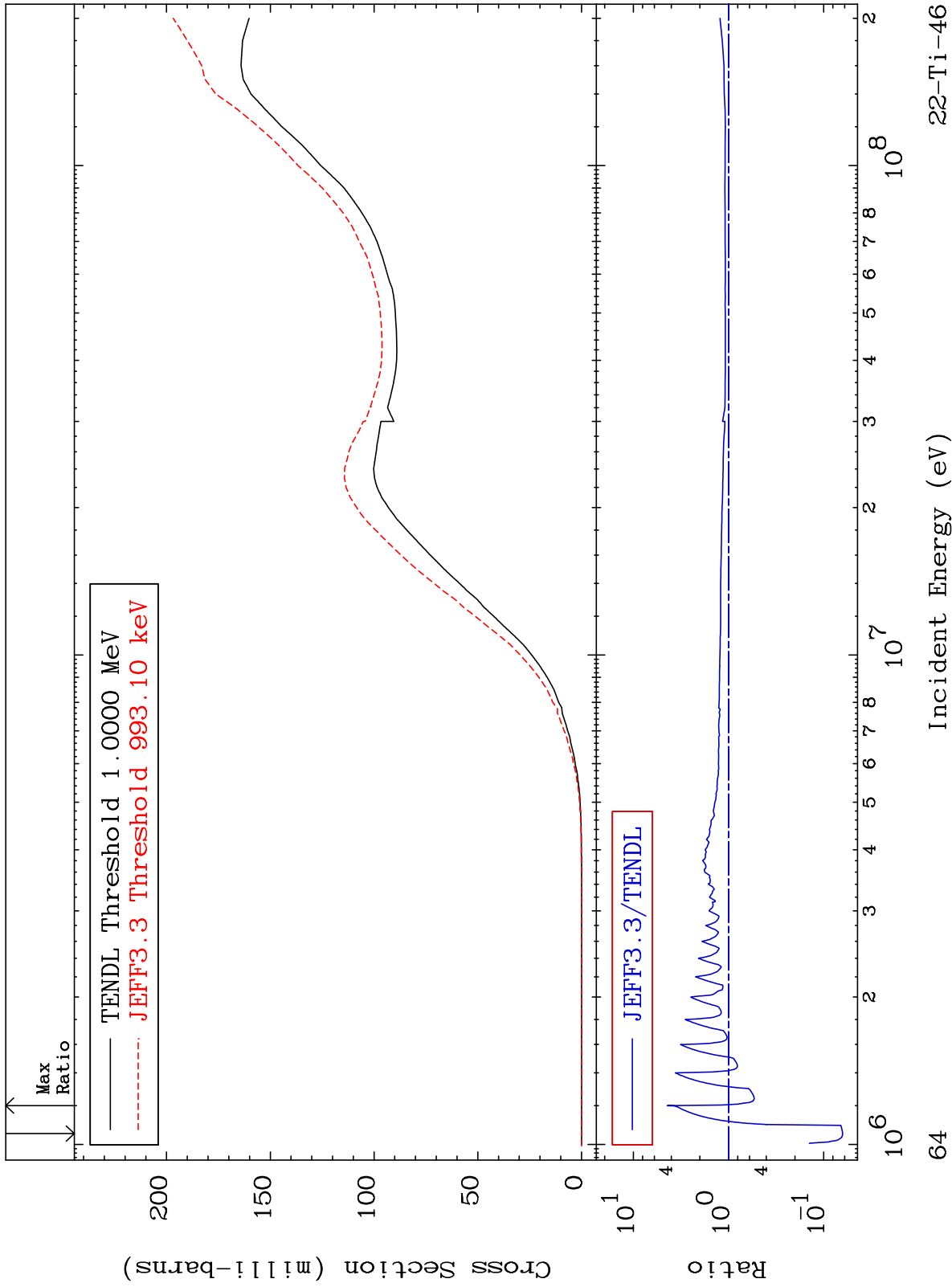
Incident Energy (eV)

22-Ti-46

MAT 2225

He-4 Production
Cross Section

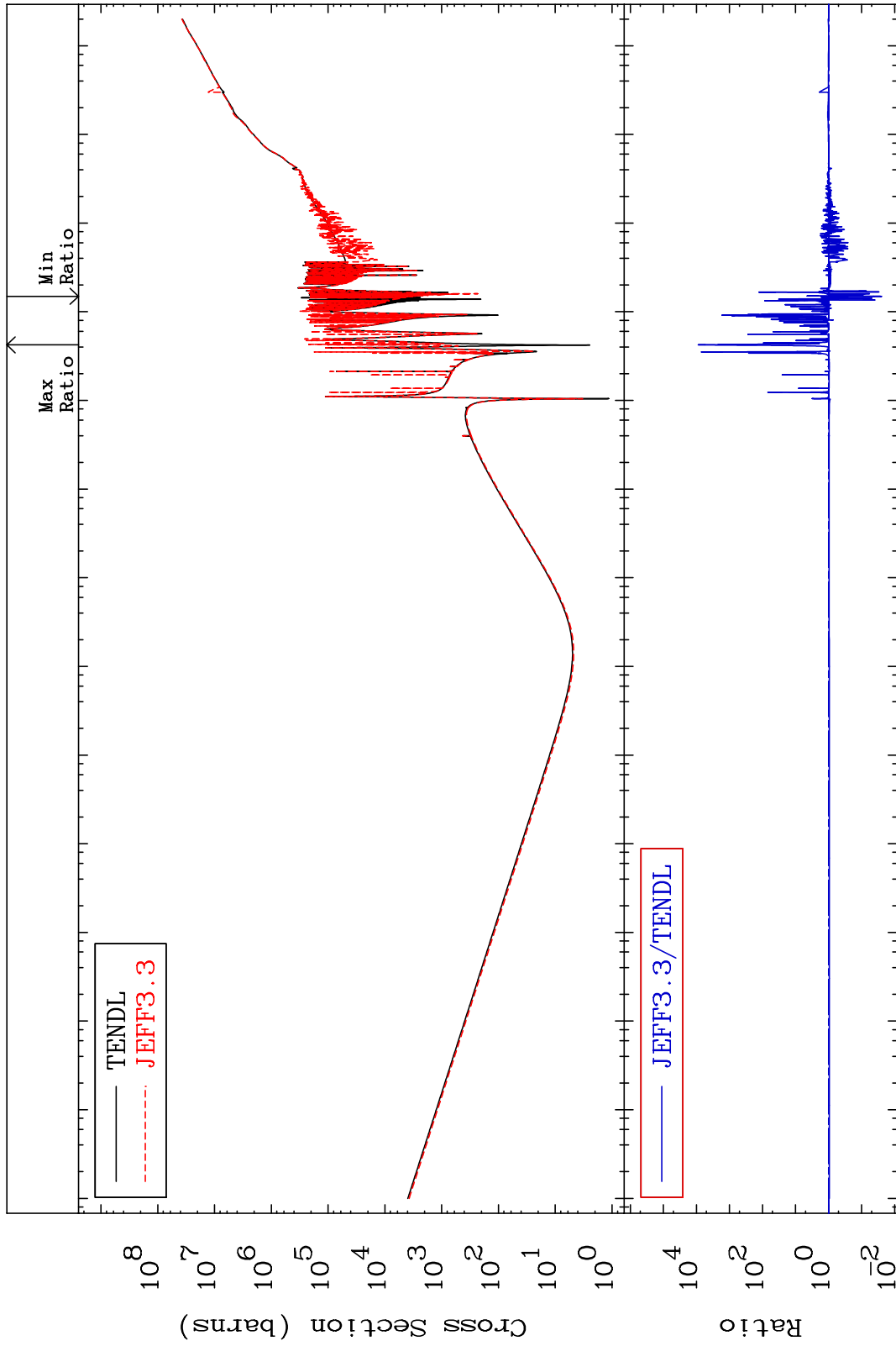
22-Ti-46
-93.69 To 339.6 %



MAT 2225

Kerma total (eV-barns)
Cross Section

22-Ti-46
-97.50 To 9999. %



65

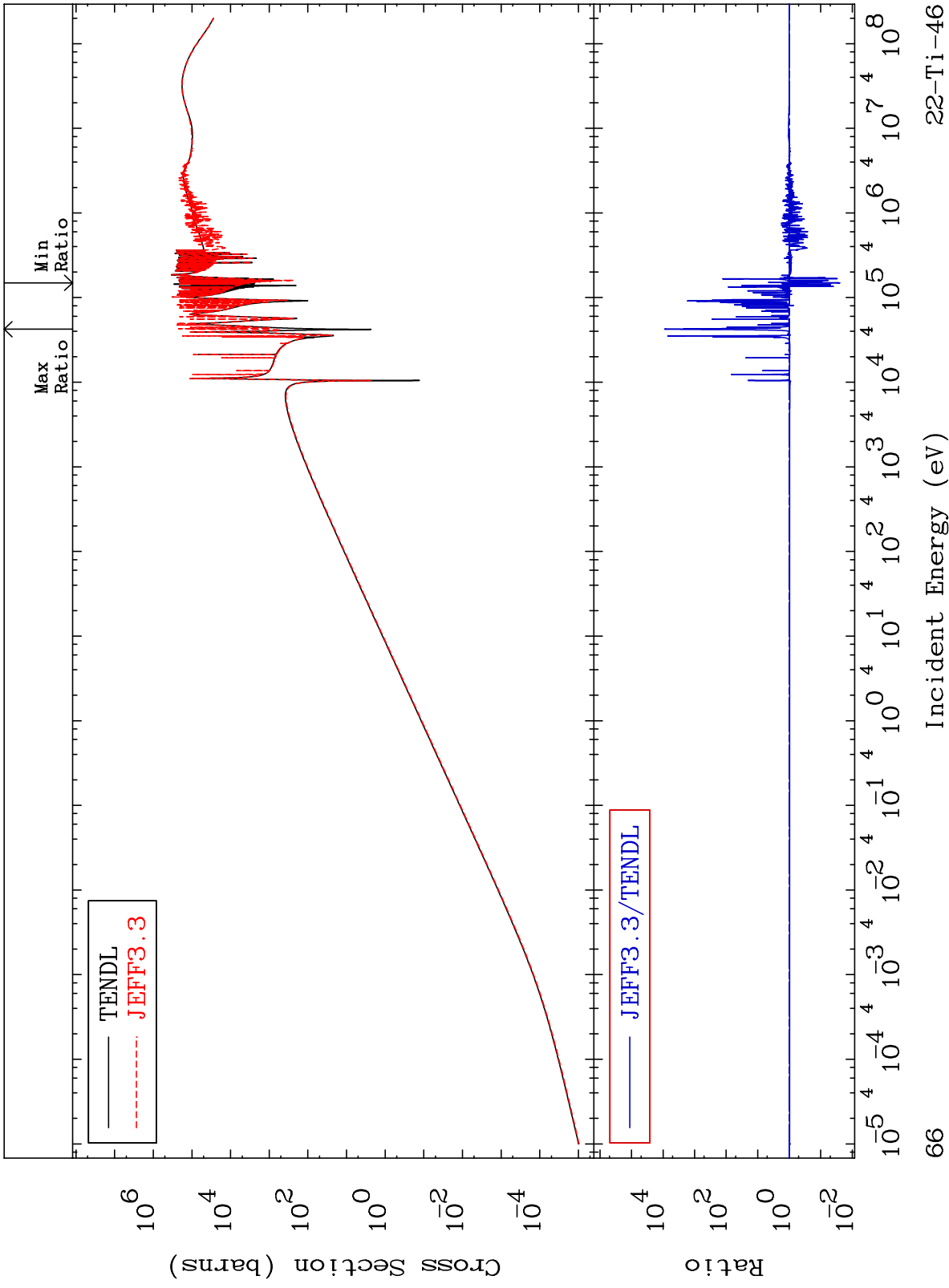
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma elastic
Cross Section

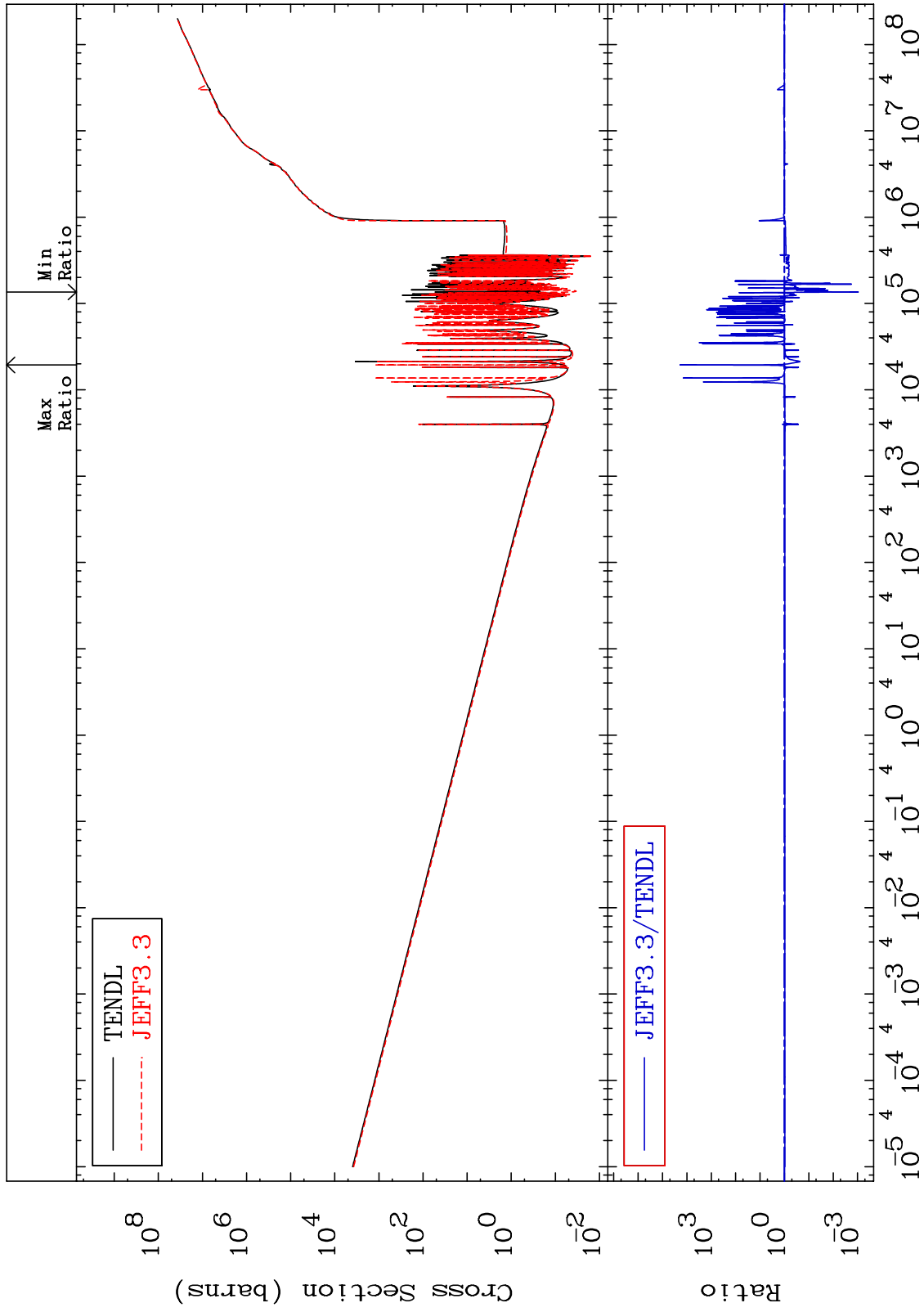
22-Ti-46
-97.50 To 9999. %



MAT 2225

Kerma non-elastic (all but mt2)
Cross Section

22-Ti-46
-99.91 To 9999. %



67

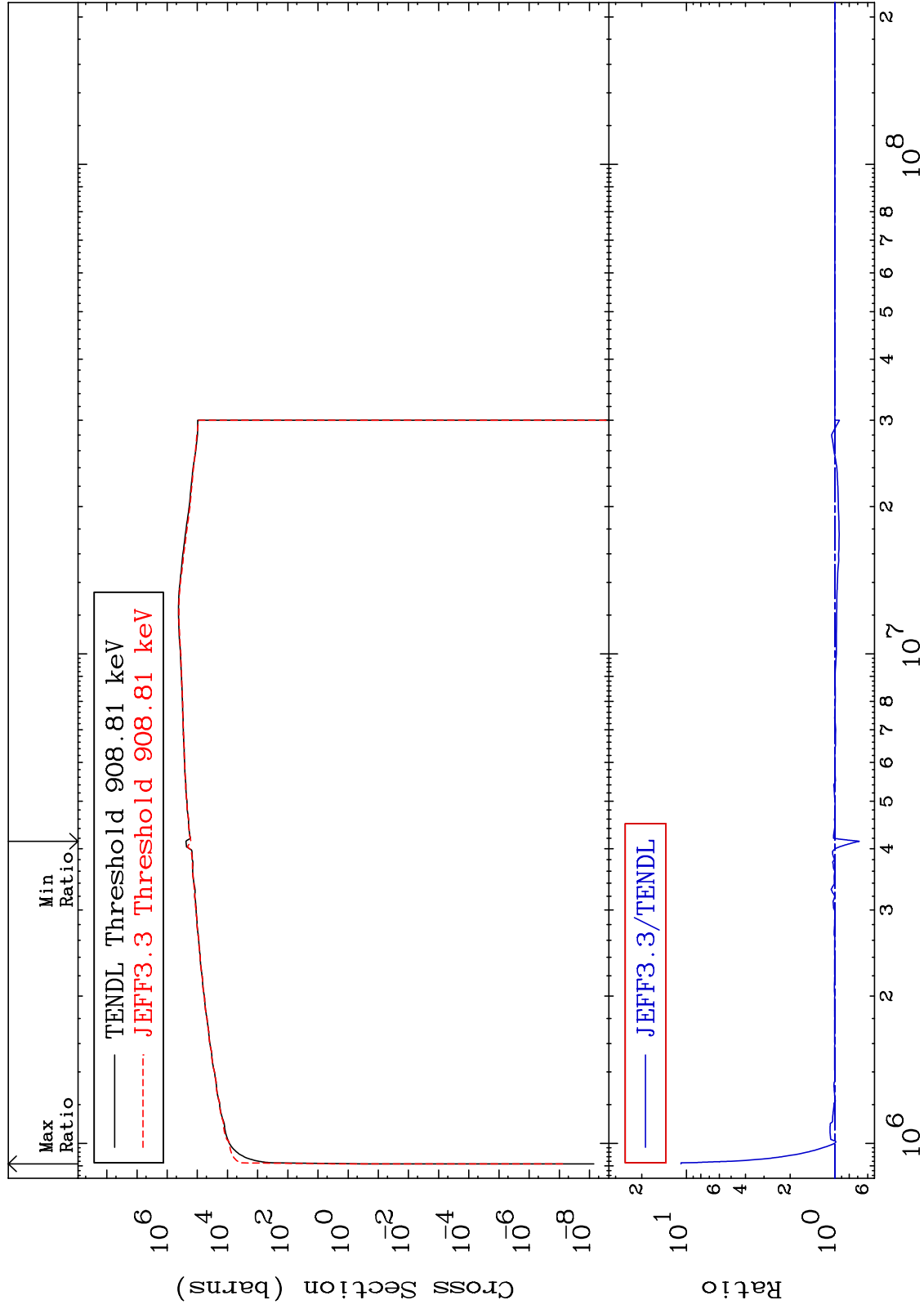
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma inelastic (mt51-91)
Cross Section

22-Ti-46
-31.67 To 985.4 %



68

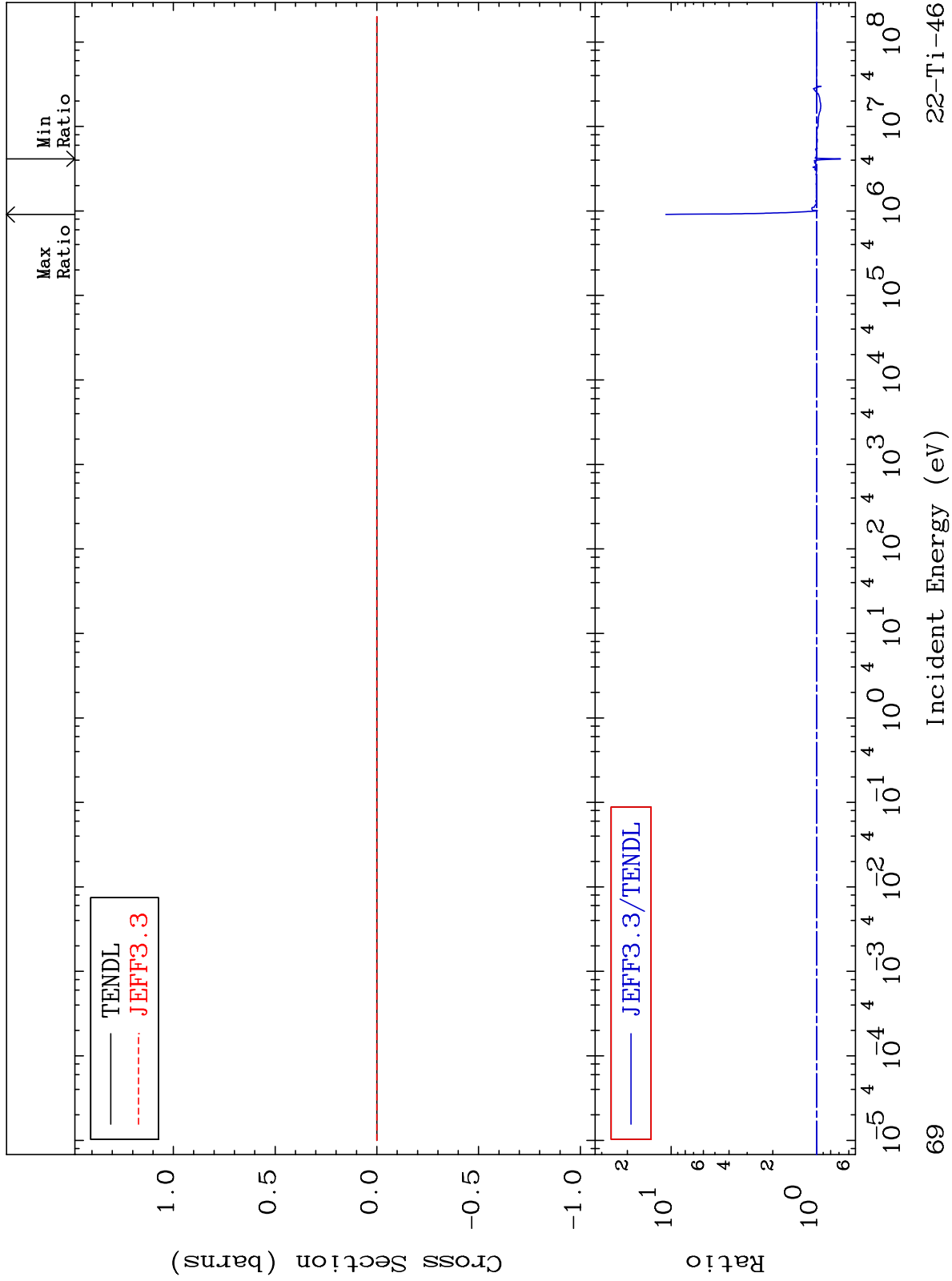
Incident Energy (eV)

22-Ti-46

MAT 2225

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

22-Ti-46
-31.67 To 985.4 %



69

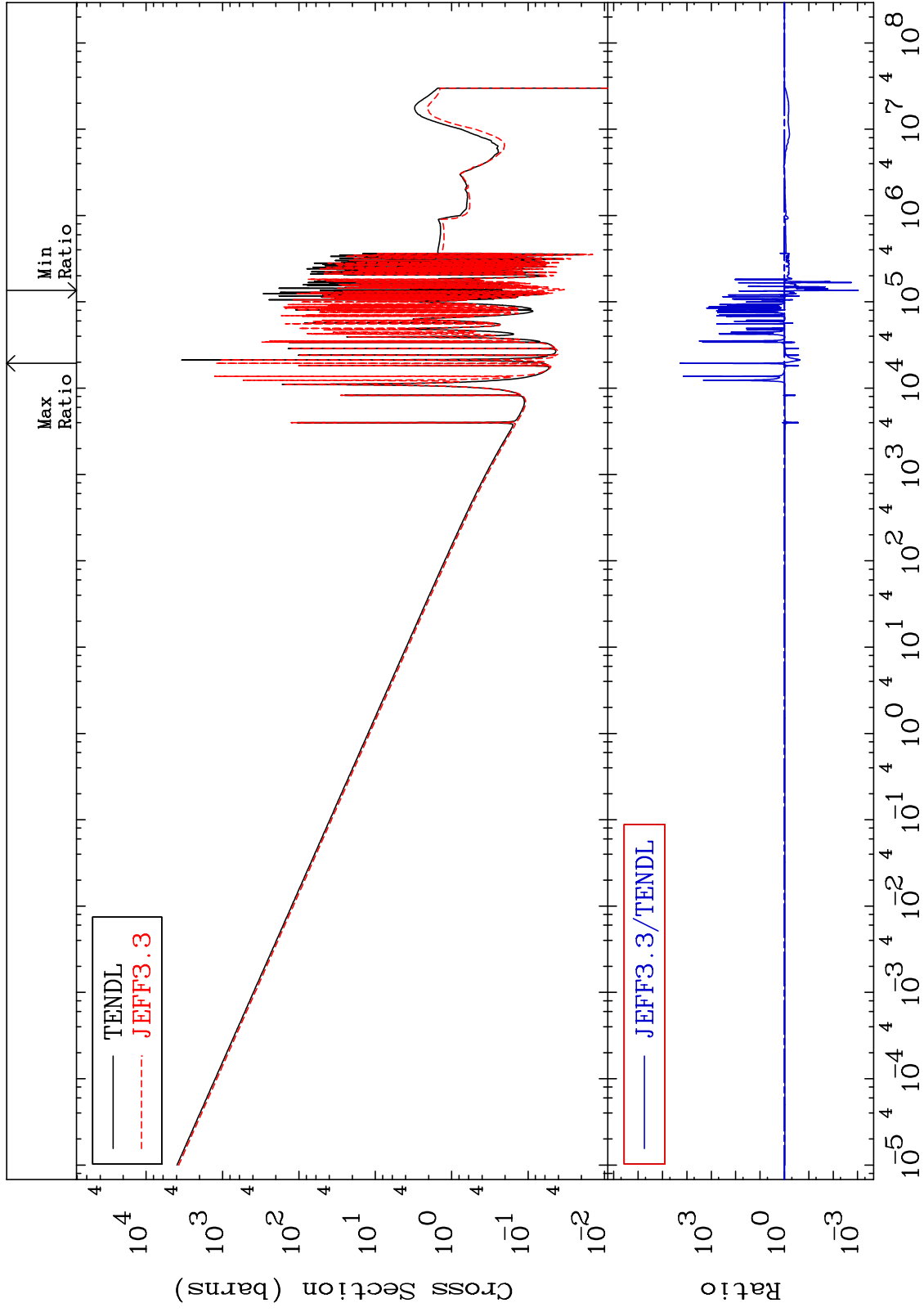
Incident Energy (eV)

22-Ti-46

MAT 2225

Kerma capture (mt102)
Cross Section

22-Ti-46
-99.91 To 9999. %



70

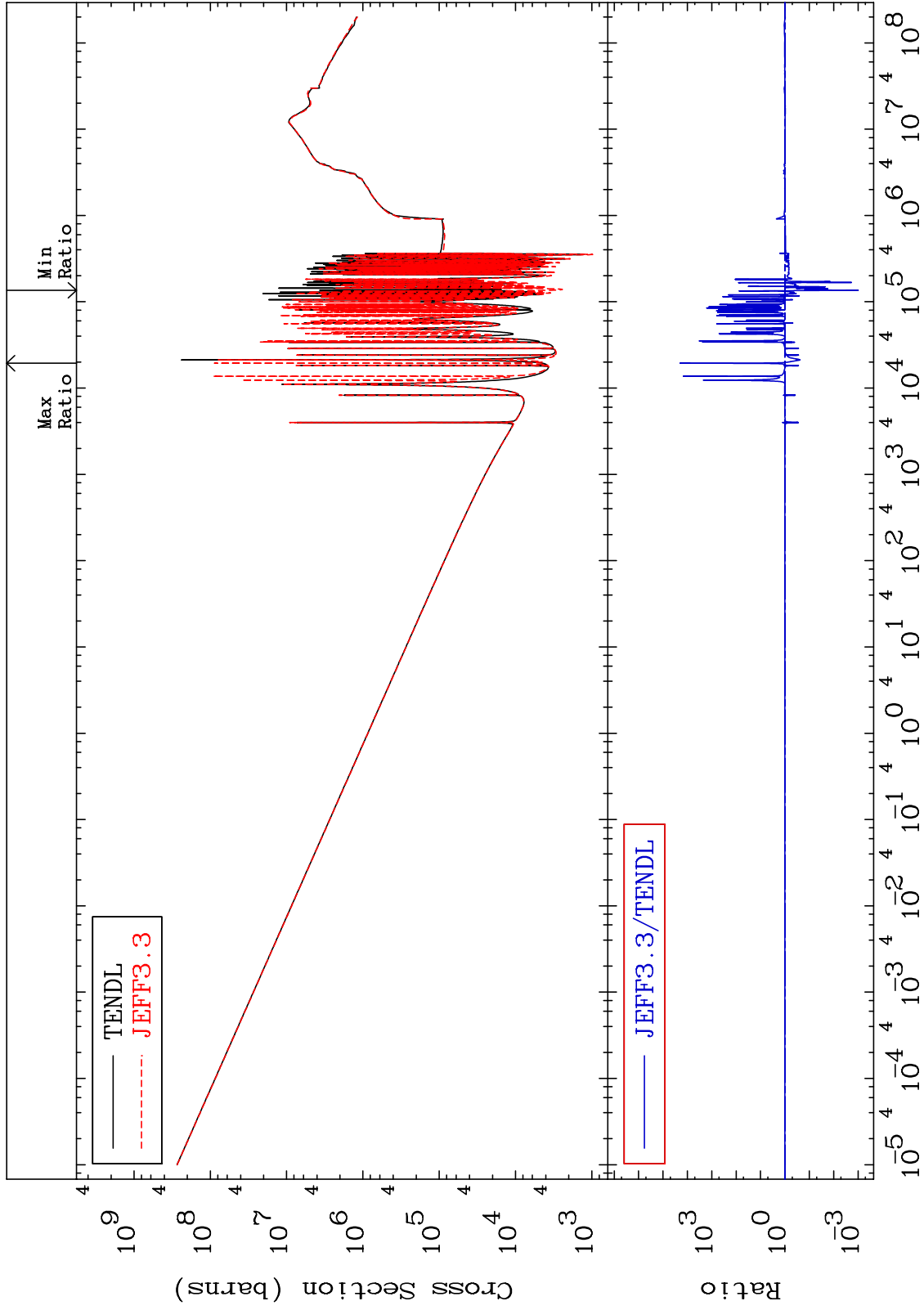
Incident Energy (eV)

22-Ti-46

MAT 2225

Total photon (eV-barns)
Cross Section

22-Ti-46
-99.90 To 9999. %



71

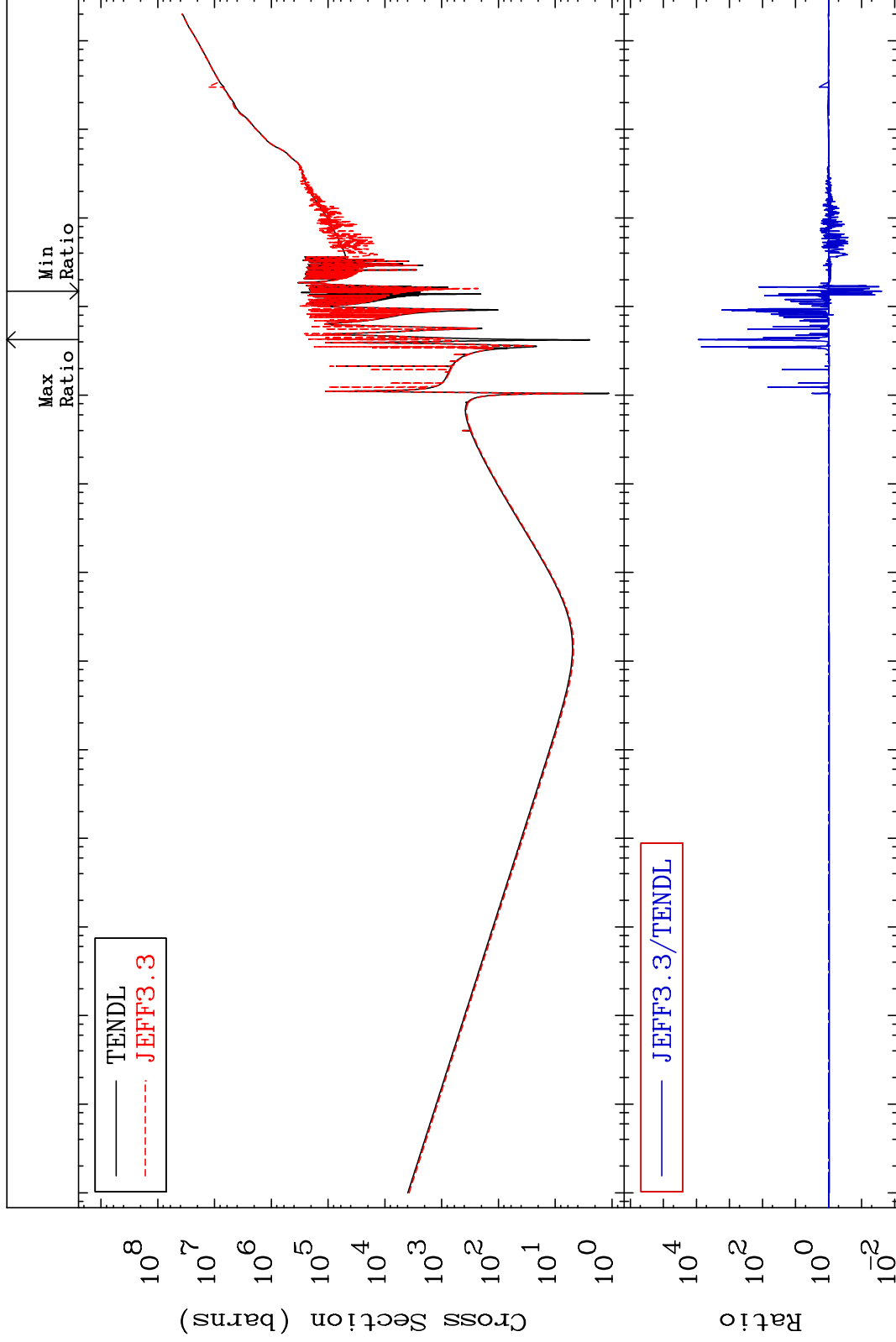
Incident Energy (eV)

22-Ti-46

MAT 2225

Total kinematic kerma (high limit)
Cross Section

22-Ti-46
-97.50 To 9999. %



72

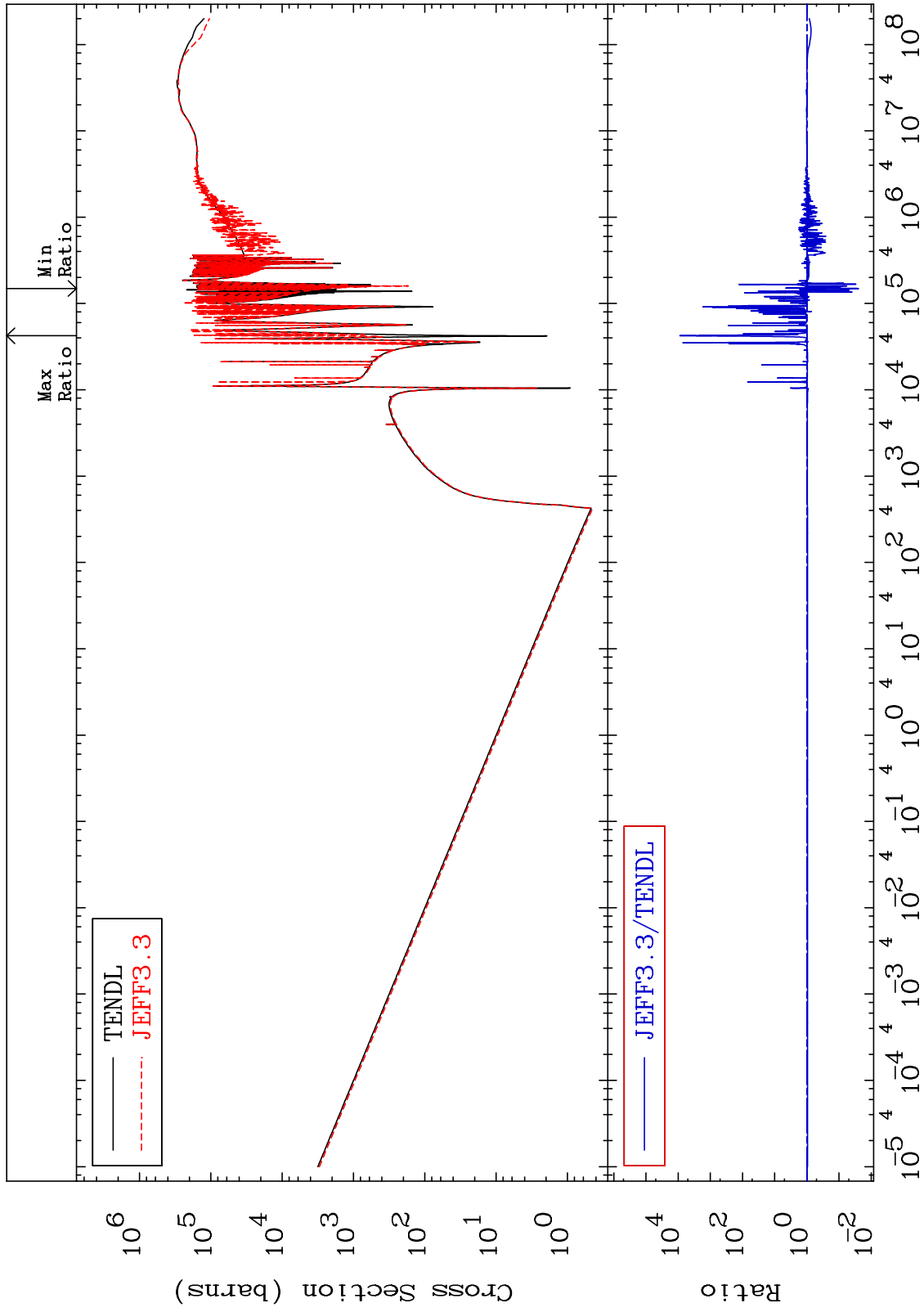
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa total (eV-barns)
Cross Section

22-Ti-46
-97.50 To 9999. %



73

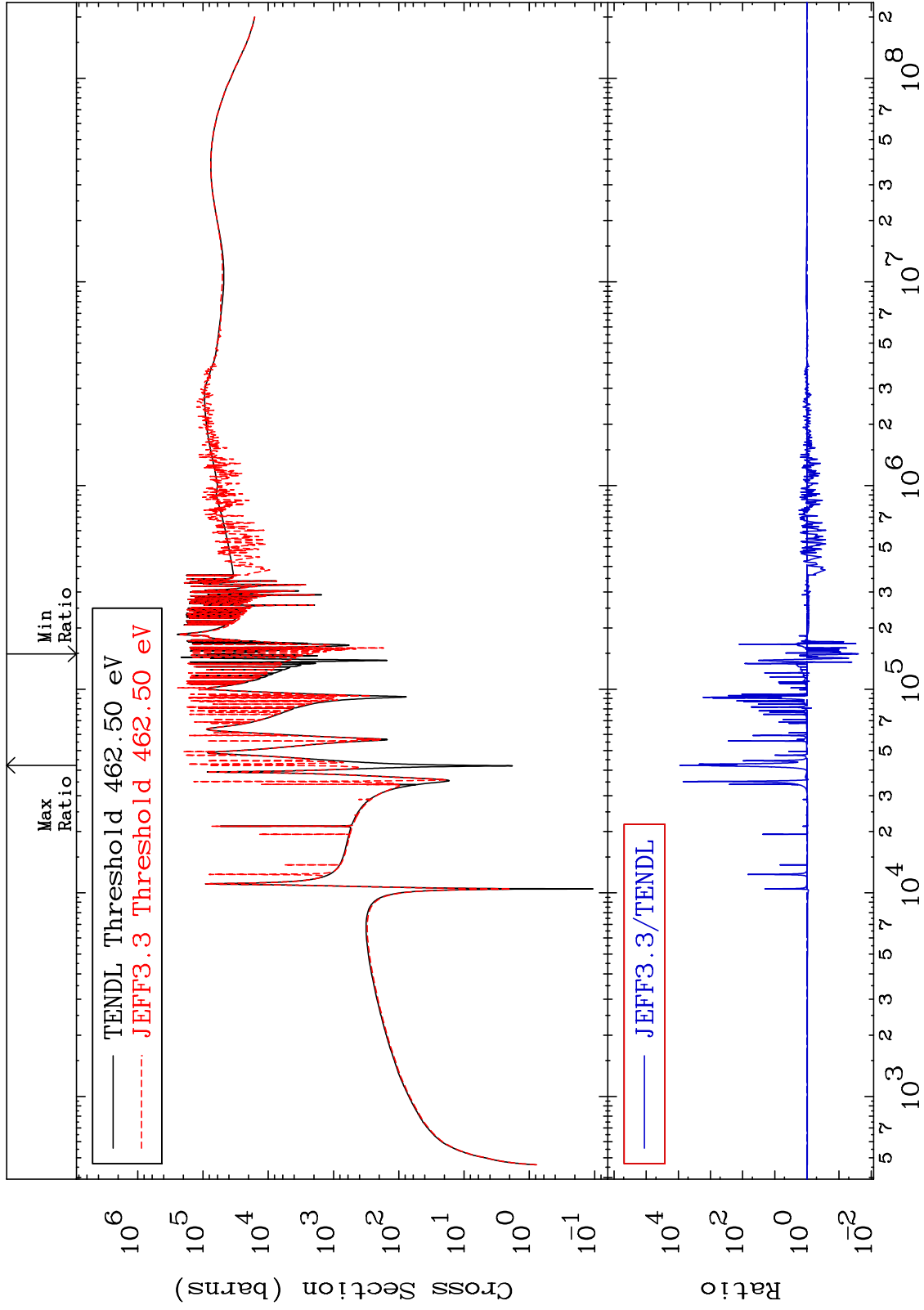
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa elastic (mt2)
Cross Section

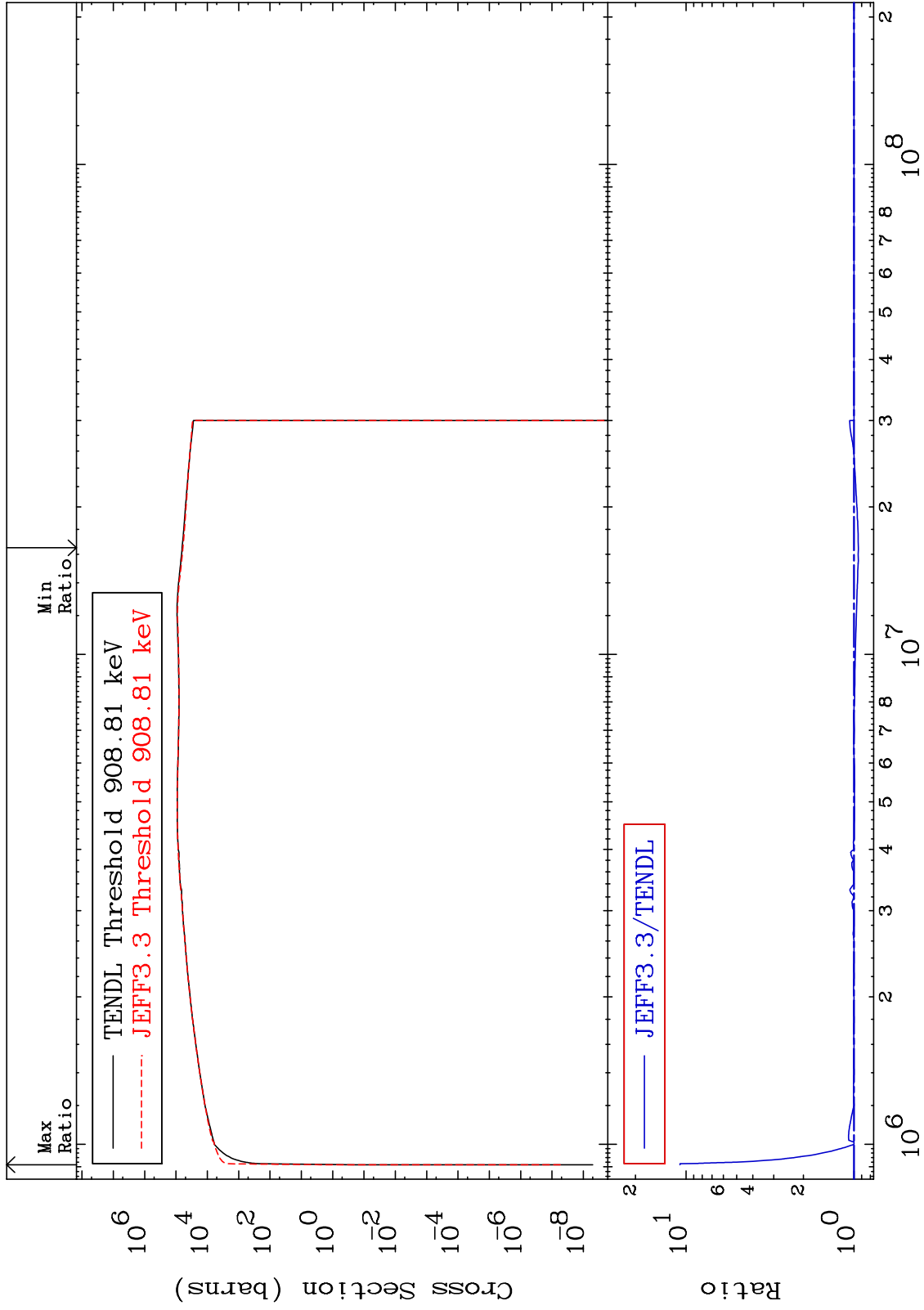
22-Ti-46
-97.50 To 9999. %



MAT 2225

Dpa inelastic (mt51-91)
Cross Section

22-Ti-46
-5.895 To 985.4 %



75

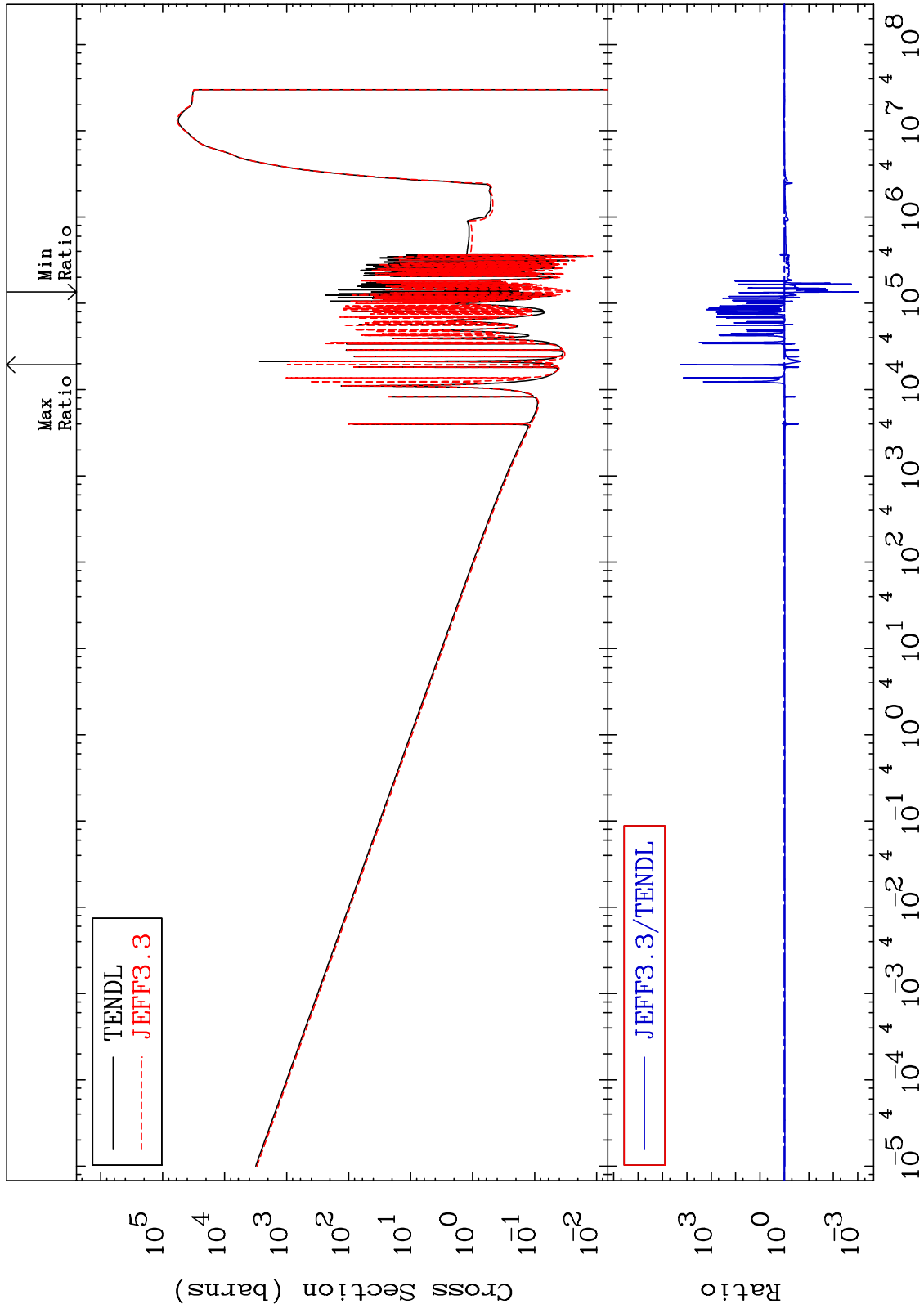
Incident Energy (eV)

22-Ti-46

MAT 2225

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-46
-99.91 To 9999. %



— TENDL
- - - JEFF3.3

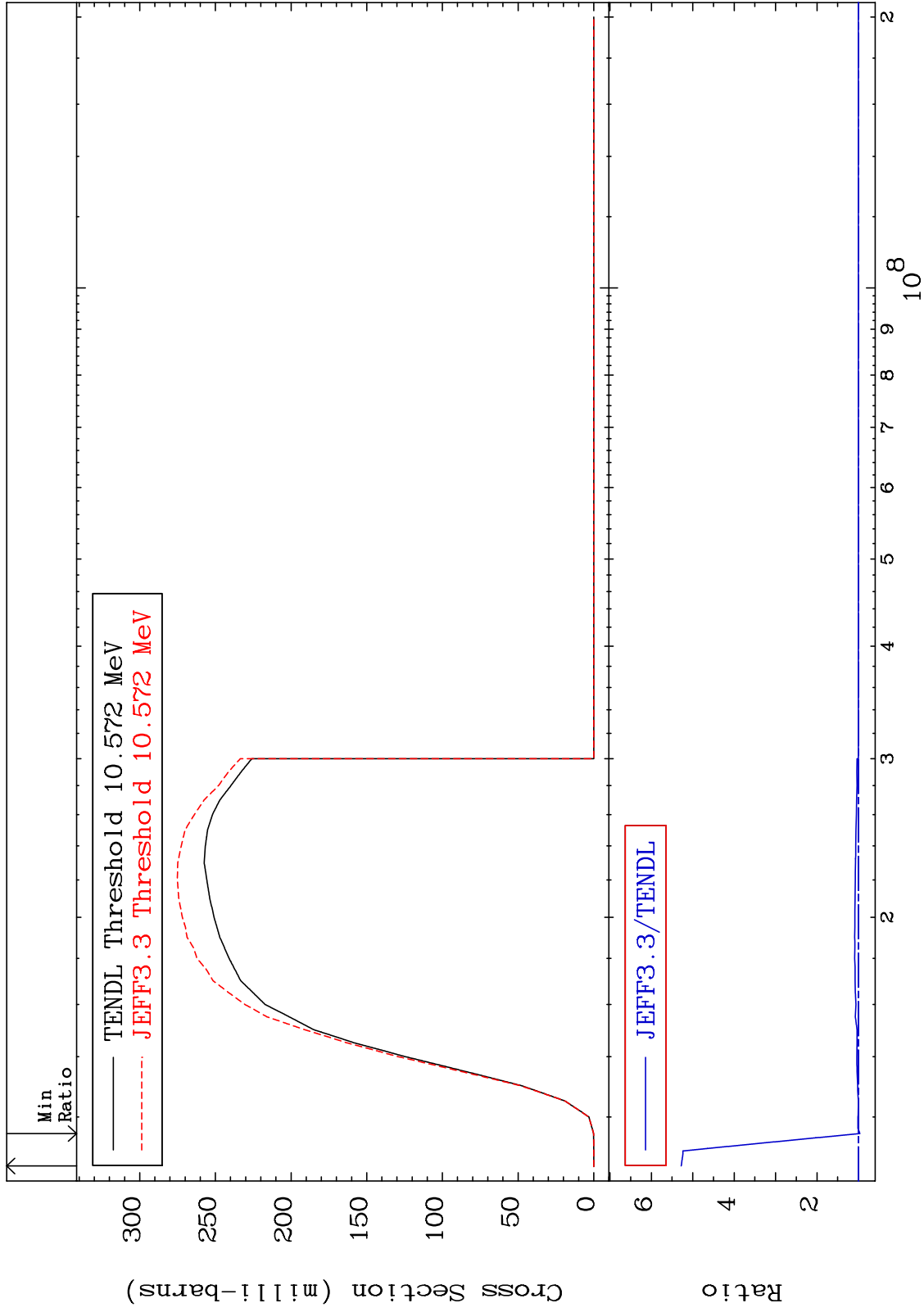
— JEFF3.3/TENDL

MAT 2225

(n, n') p:21-Sc-45g

22-Ti-46

Radionuclide Production Cross Section -3.773 To 427.9 %



77

Incident Energy (eV)

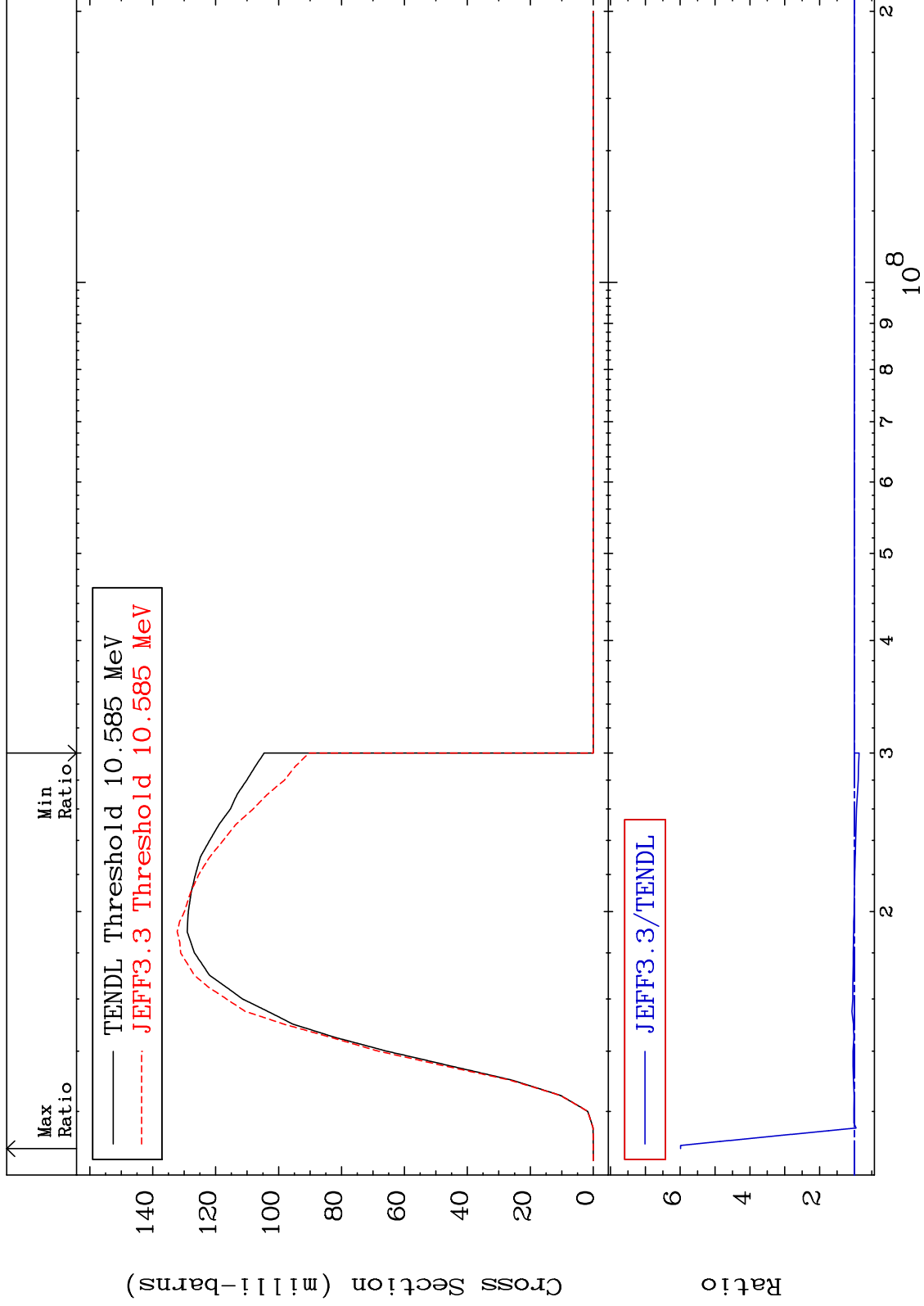
22-Ti-46

MAT 2225

(n, n') p:21-Sc-45m1

22-Ti-46

Radionuclide Production Cross Section -13.62 To 498.8 %



78

Incident Energy (eV)

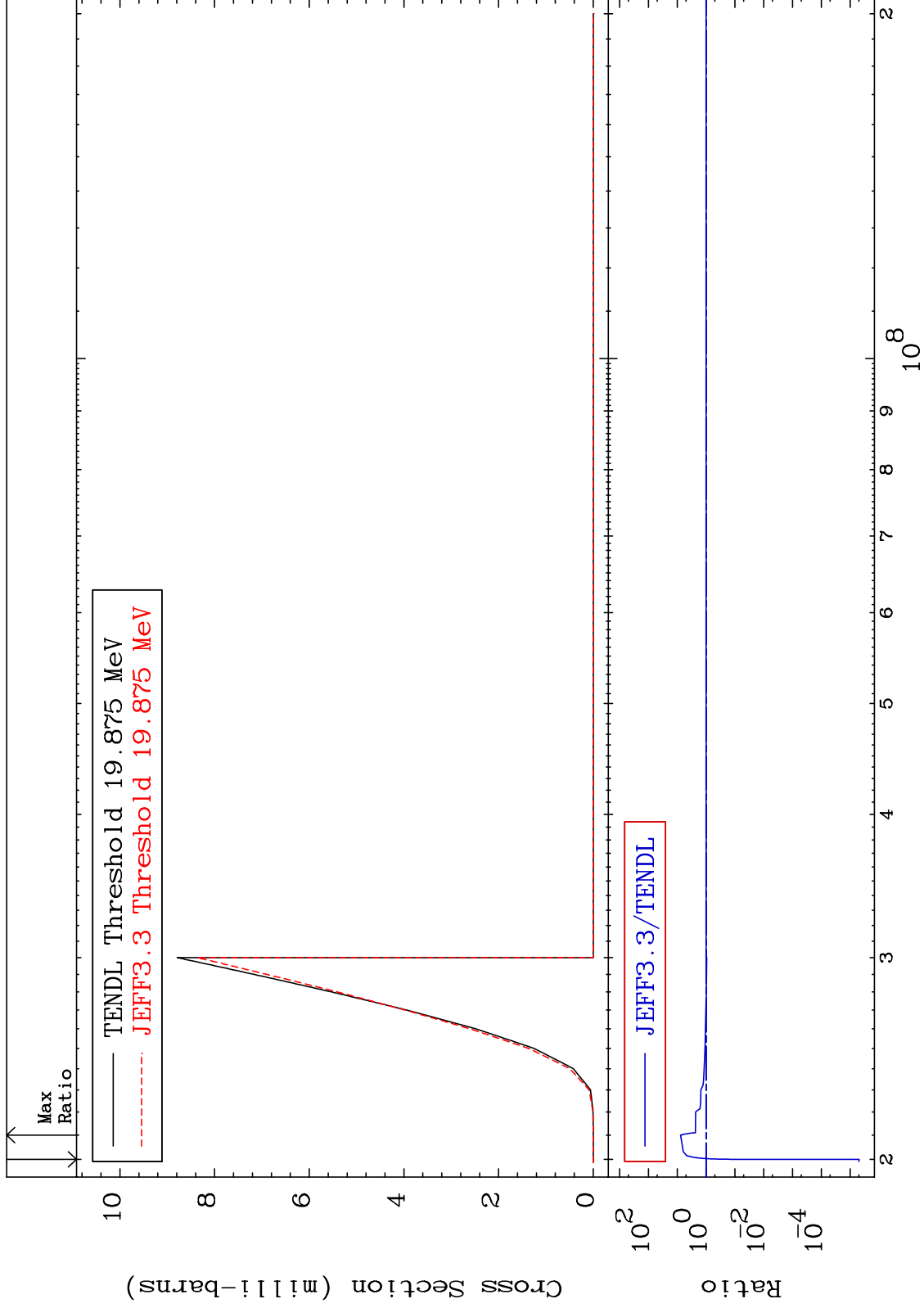
22-Ti-46

MAT 2225

(n, n') d:21-Sc-44g

22-Ti-46

Radionuclide Production Cross Section -100.0 To 665.2 %



79

Incident Energy (eV)

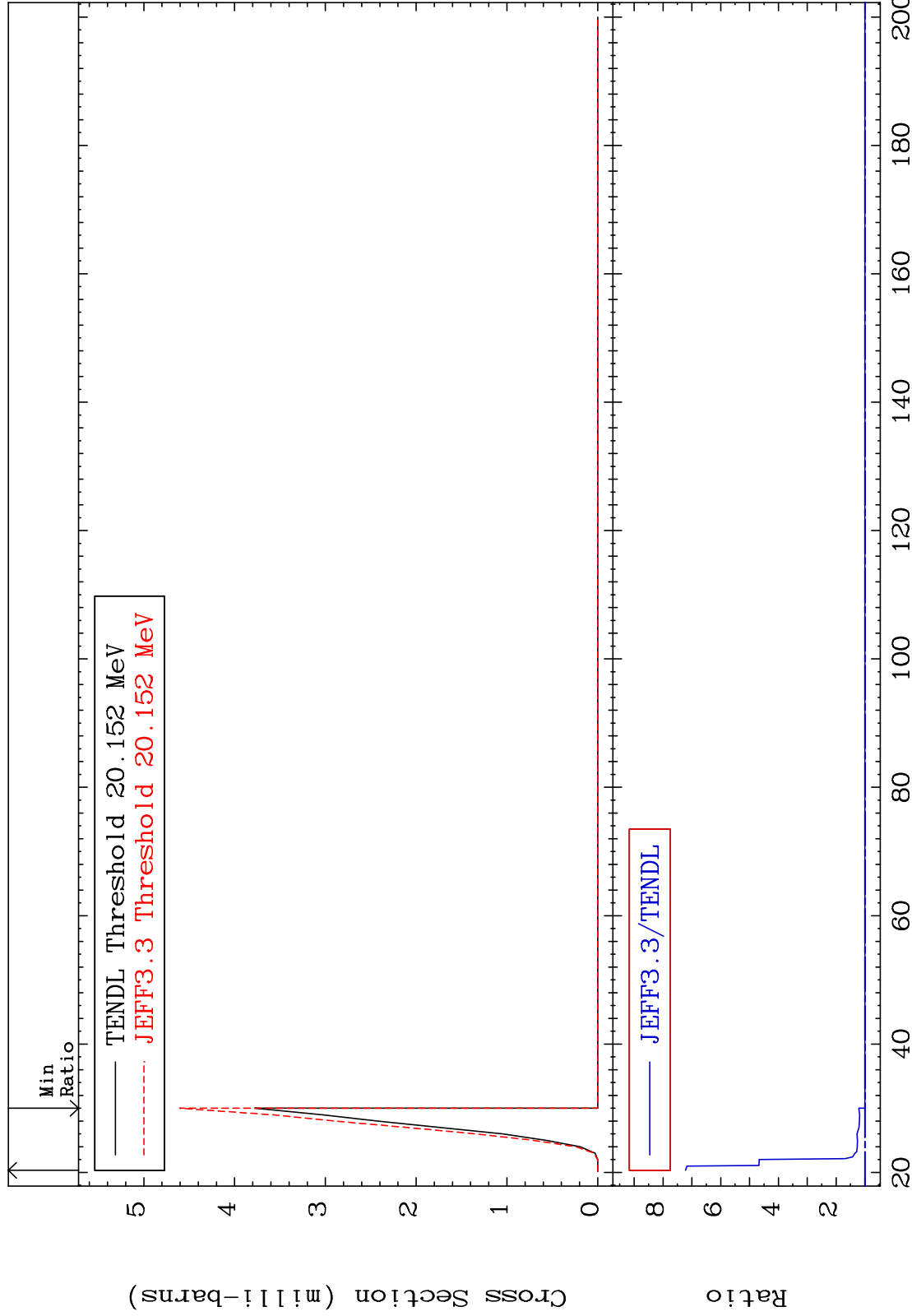
22-Ti-46

MAT 2225

(n, n') d:21-Sc-44m4

22-Ti-46

Radionuclide Production Cross Section 0.000 To 622.0 %



Incident Energy (MeV) 22-Ti-46

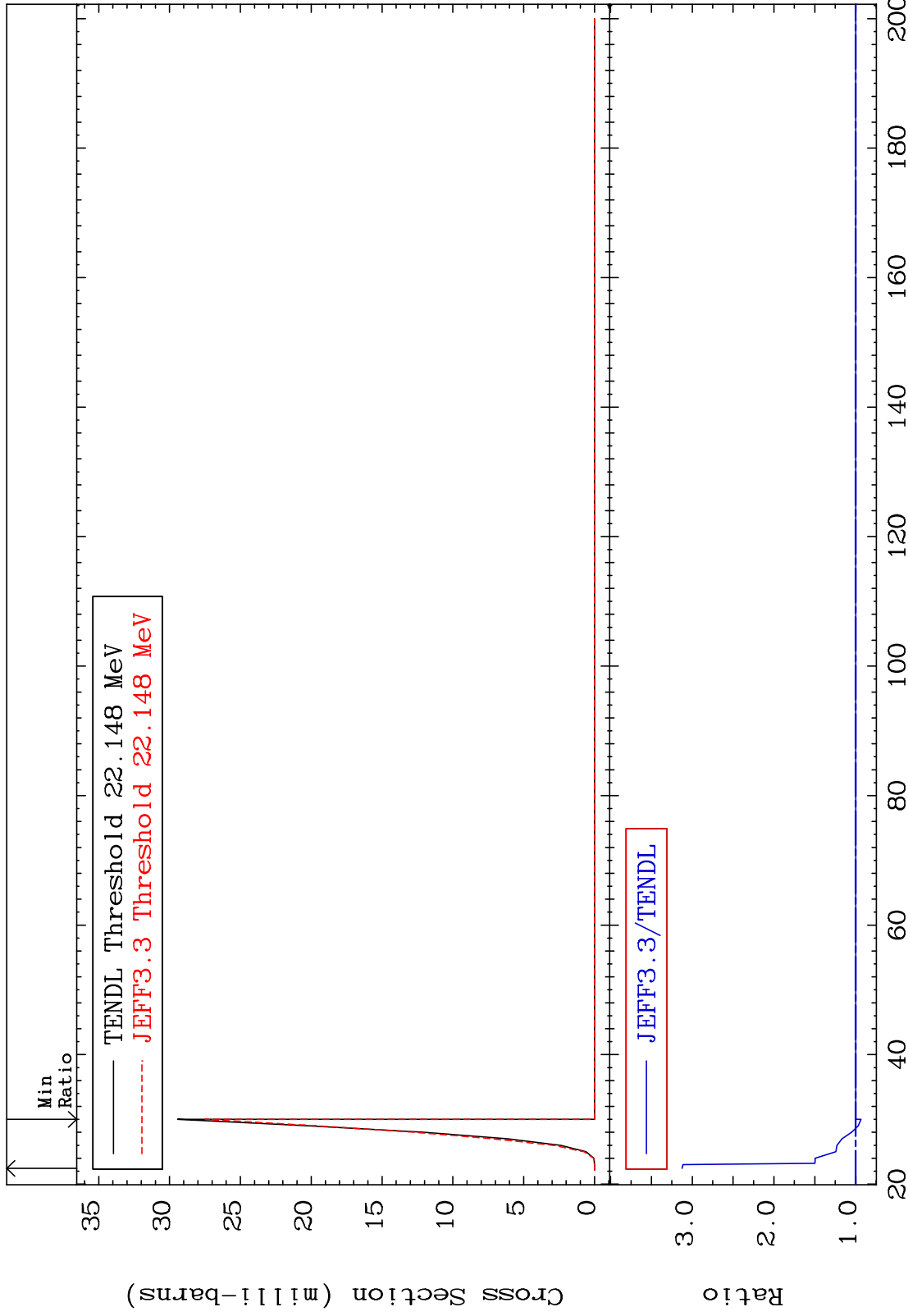
80

MAT 2225

(n,2n) p:21-Sc-44g

22-Ti-46

Radionuclide Production Cross Section -6.617 To 212.5 %

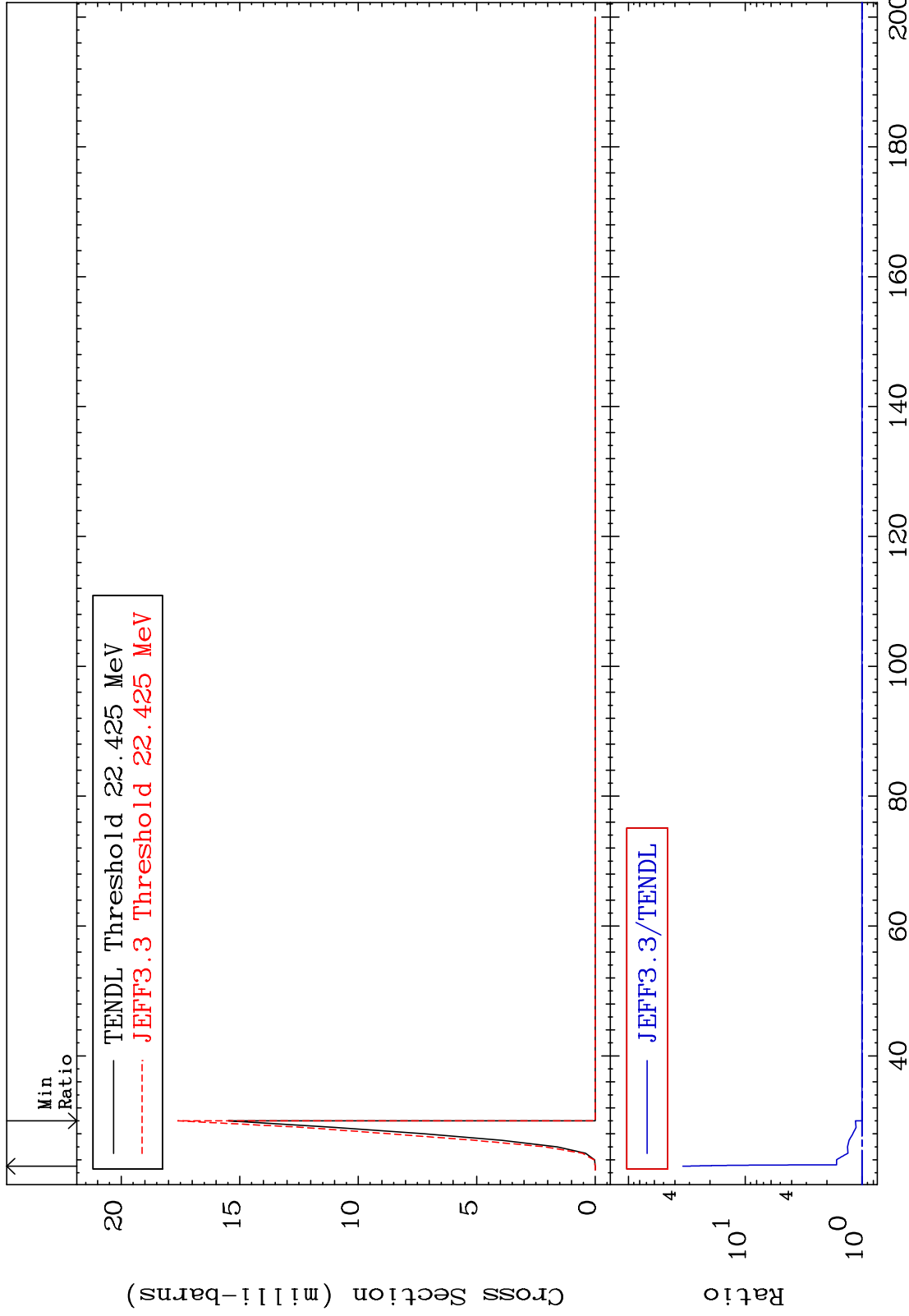


MAT 2225

(n,2n) p:21-Sc-44m4

22-Ti-46

Radionuclide Production Cross Section 0.000 To 3317. %



82

Incident Energy (MeV)

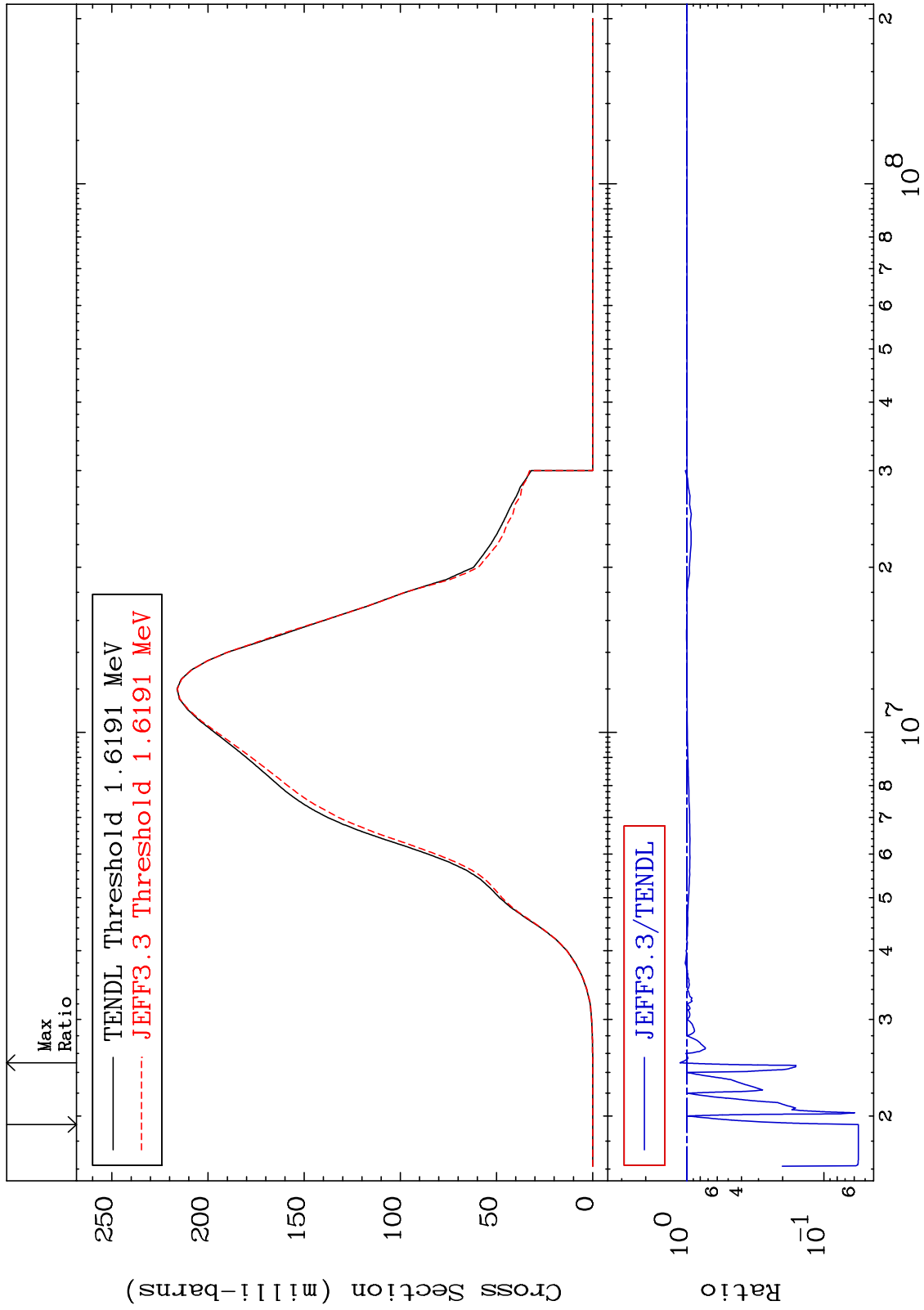
22-Ti-46

MAT 2225

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

22-Ti-46

Radionuclide Production Cross Section -94.41 To 12.36 %

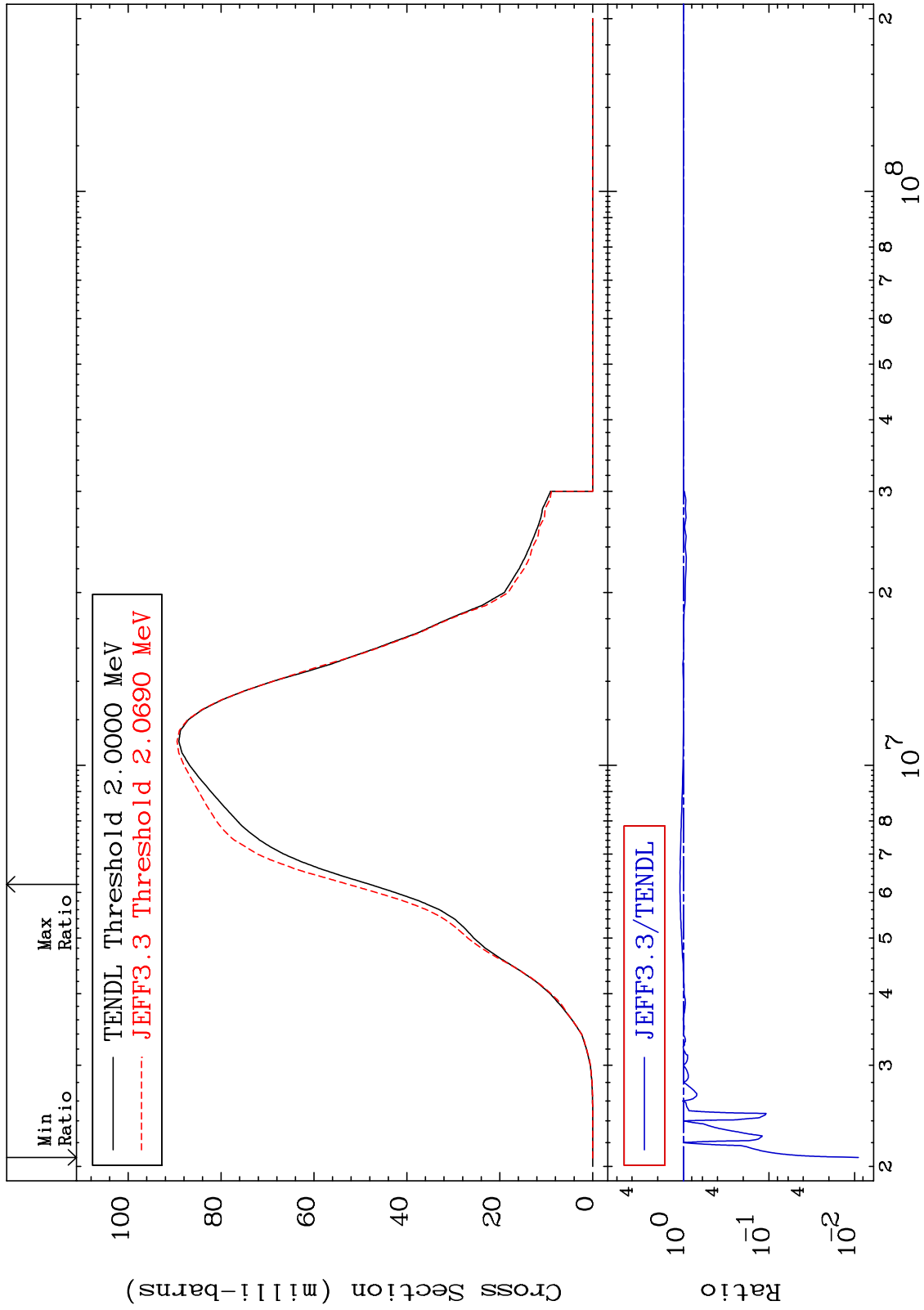


MAT 2225

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

22-Ti-46

Radionuclide Production Cross Section -99.10 To 9.642 %

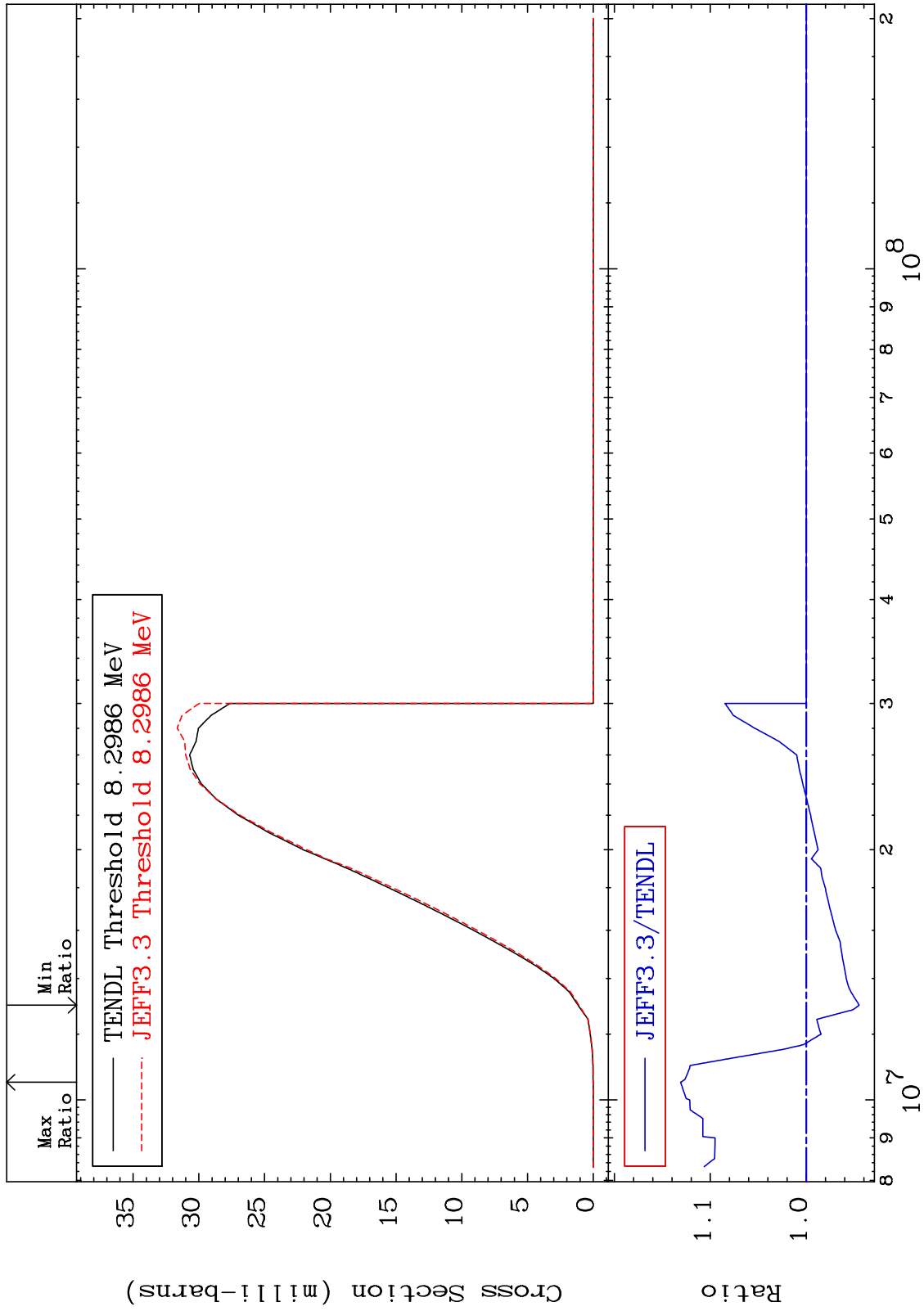


MAT 2225

(n, d) : 21-Sc-45g

22-Ti-46

Radionuclide Production Cross Section -5.504 To 13.10 %



85

Incident Energy (eV)

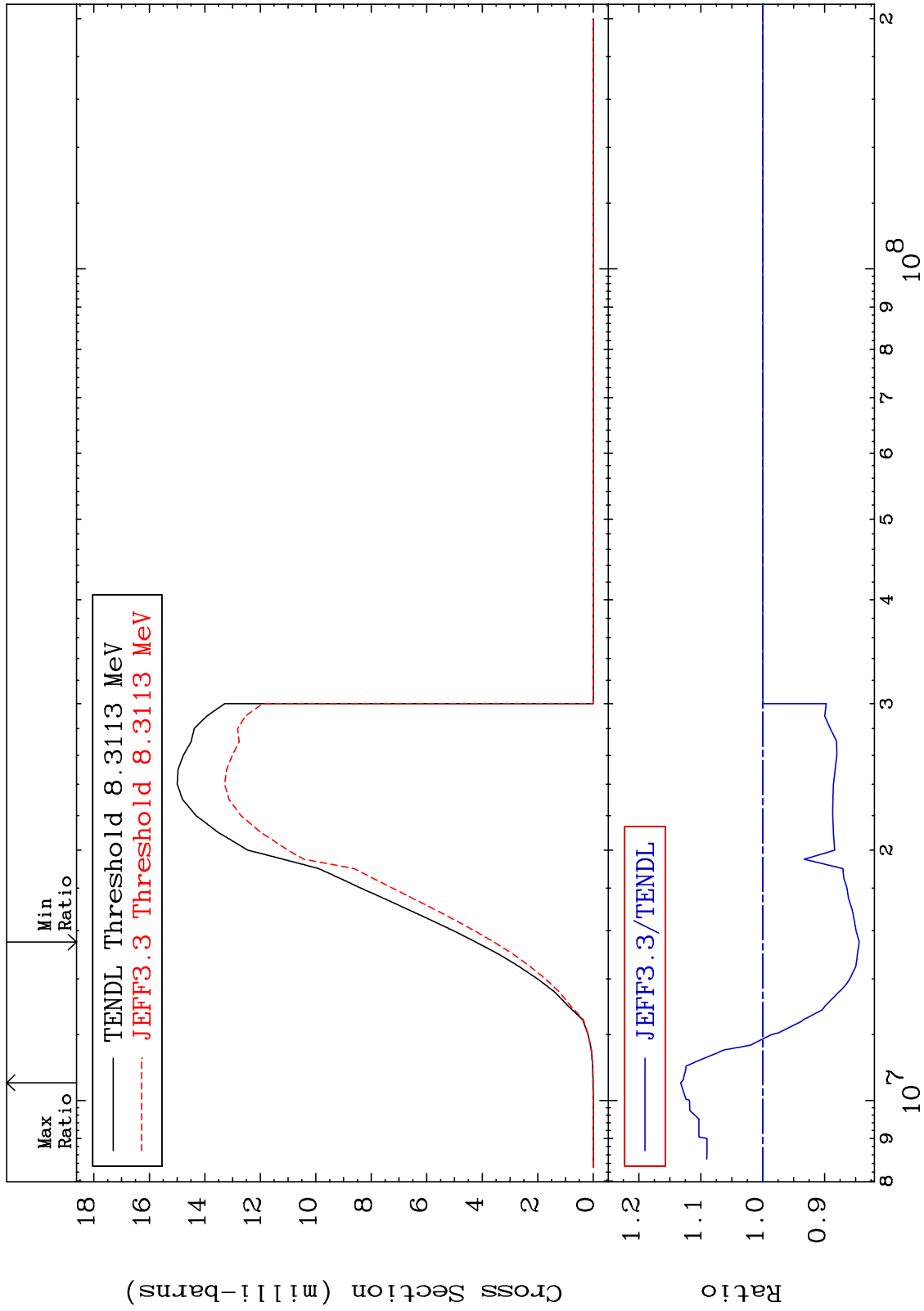
22-Ti-46

MAT 2225

(n,d):21-Sc-45m1

22-Ti-46

Radionuclide Production Cross Section -15.56 To 13.26 %



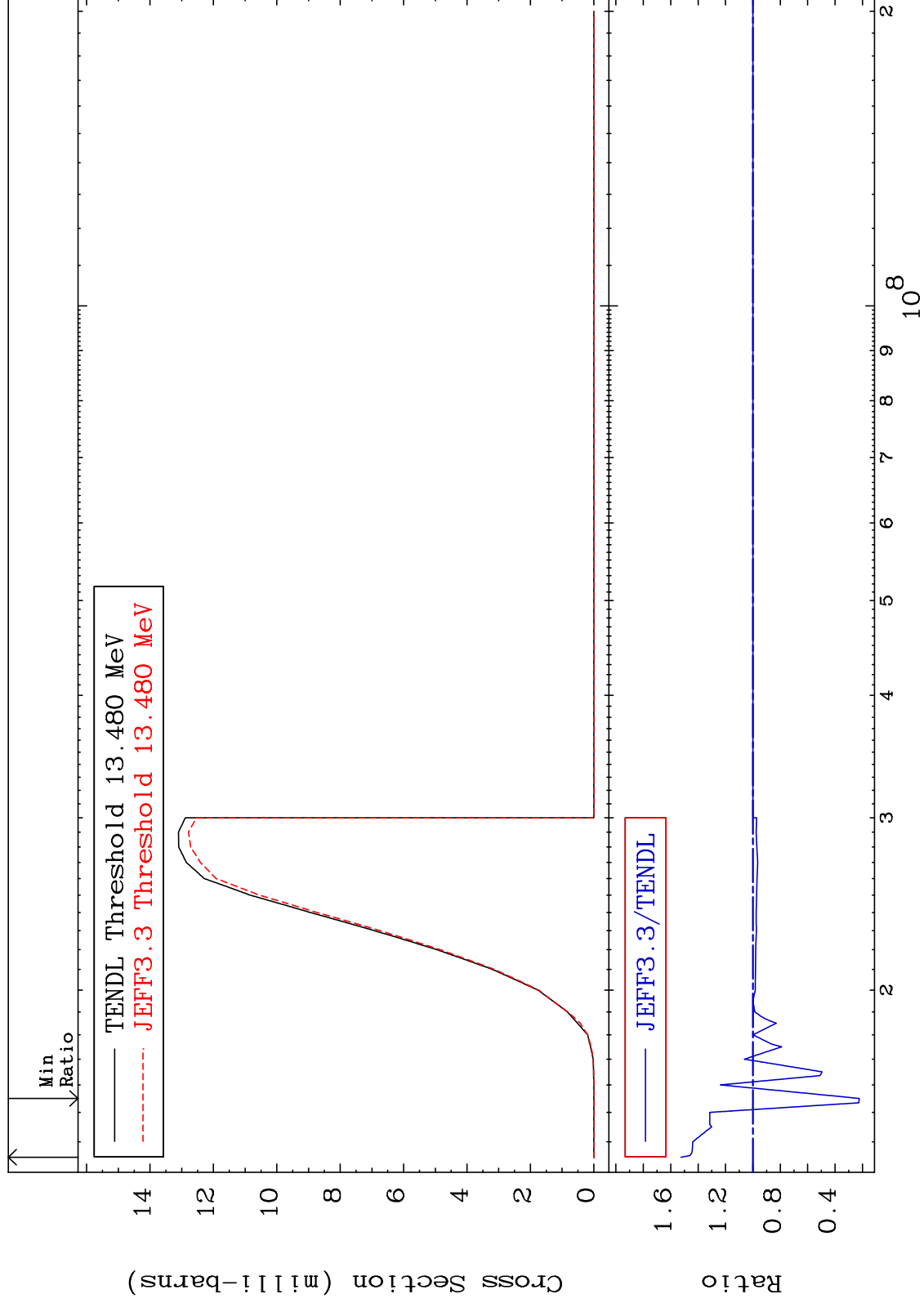
MAT 2225

(n, t) : 21-Sc-44g

22-Ti-46

Radionuclide Production Cross Section

-77.67 To 52.44 %



87

Incident Energy (eV)

22-Ti-46

Radionuclide Production Cross Section -85.26 To 34.55 %

