

Program Complot
(Version 2018-1)

by

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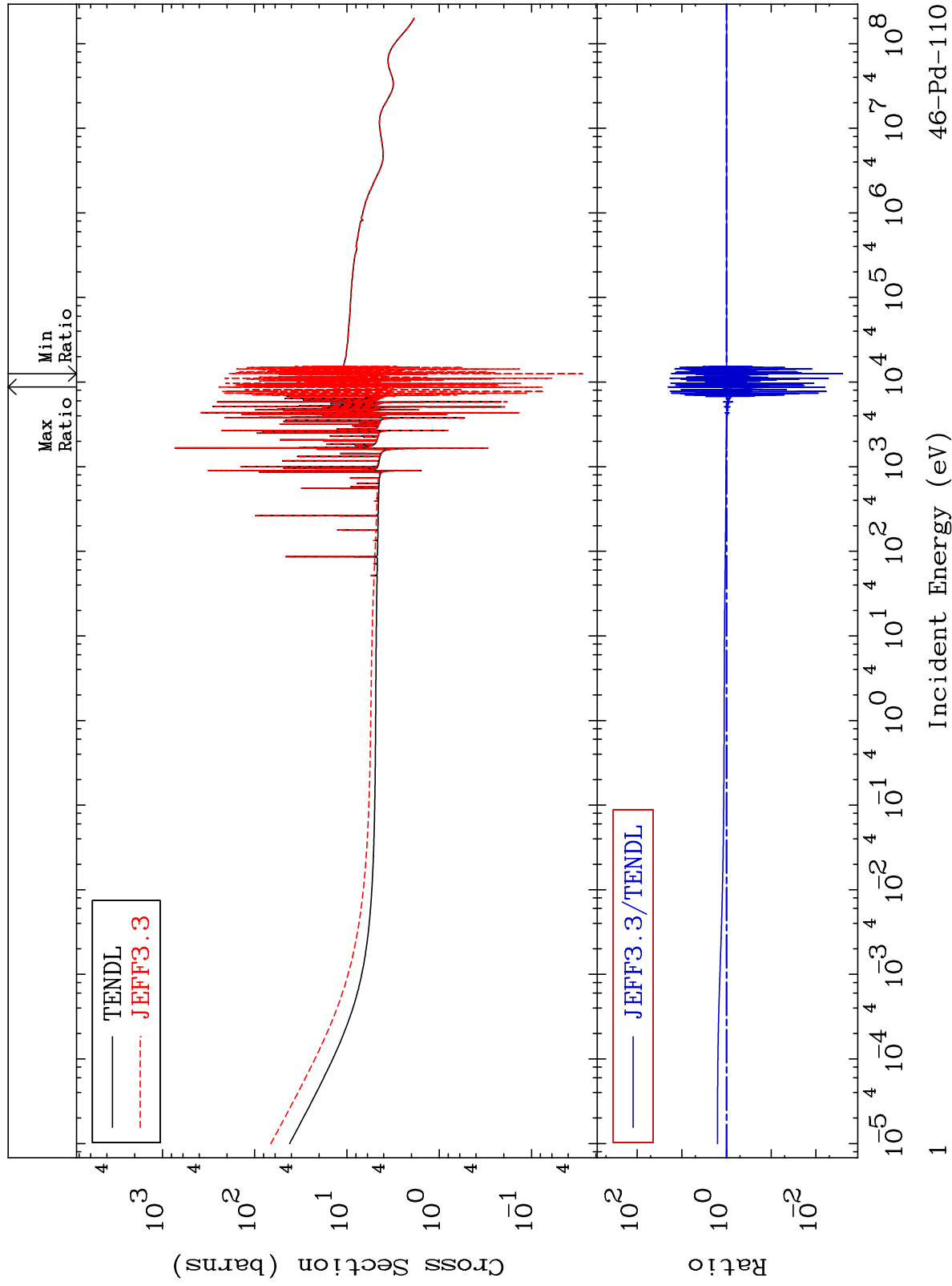
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4649

Total
Cross Section

46-Pd-110
-99.75 To 1936. %

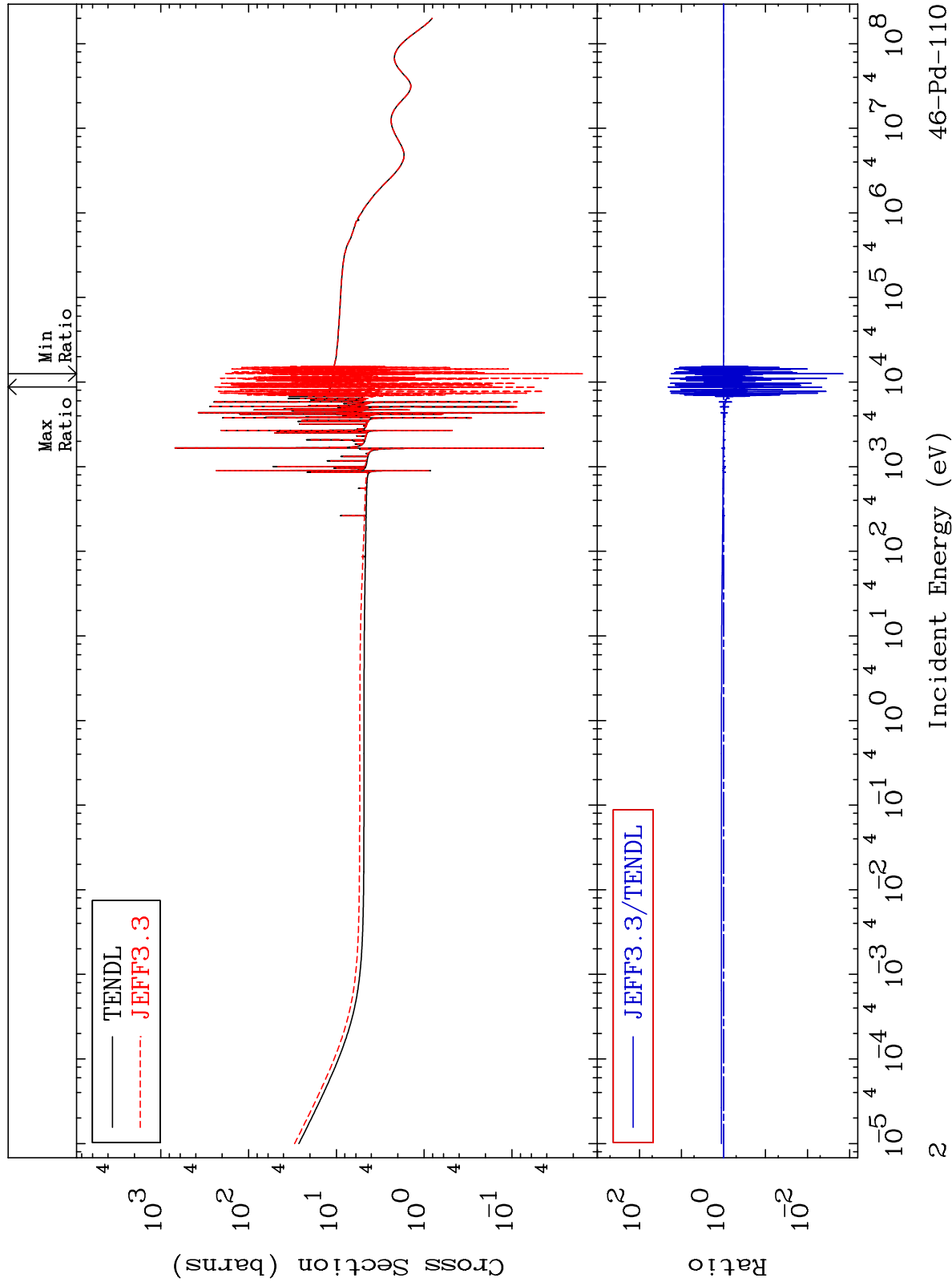


46-Pd-110

MAT 4649

Elastic
Cross Section

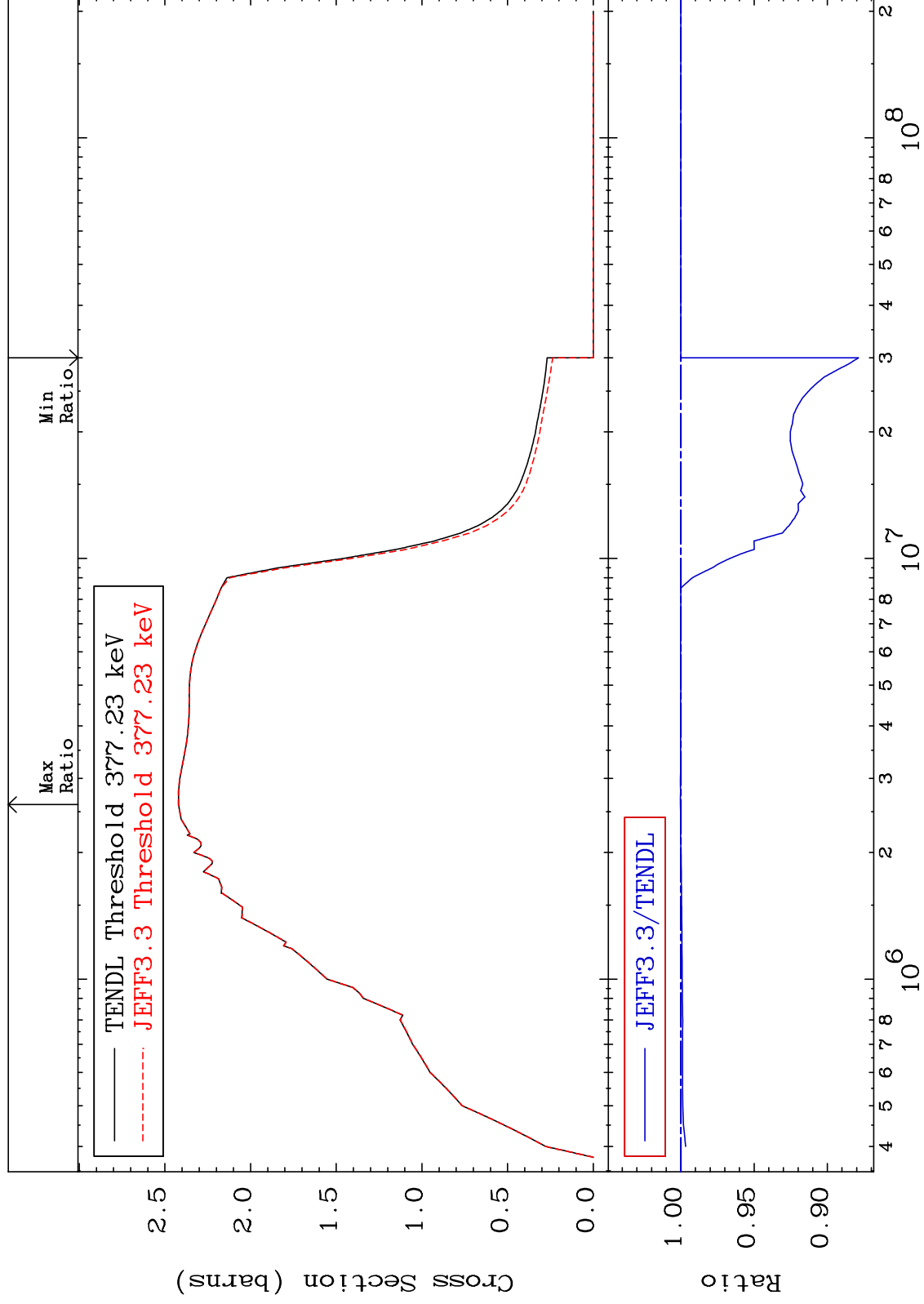
46-Pd-110
-99.86 To 1992. %



MAT 4649

Inelastic
Cross Section

46-Pd-110
-12.13 To 0.027 %



46-Pd-110

3

MAT 4649

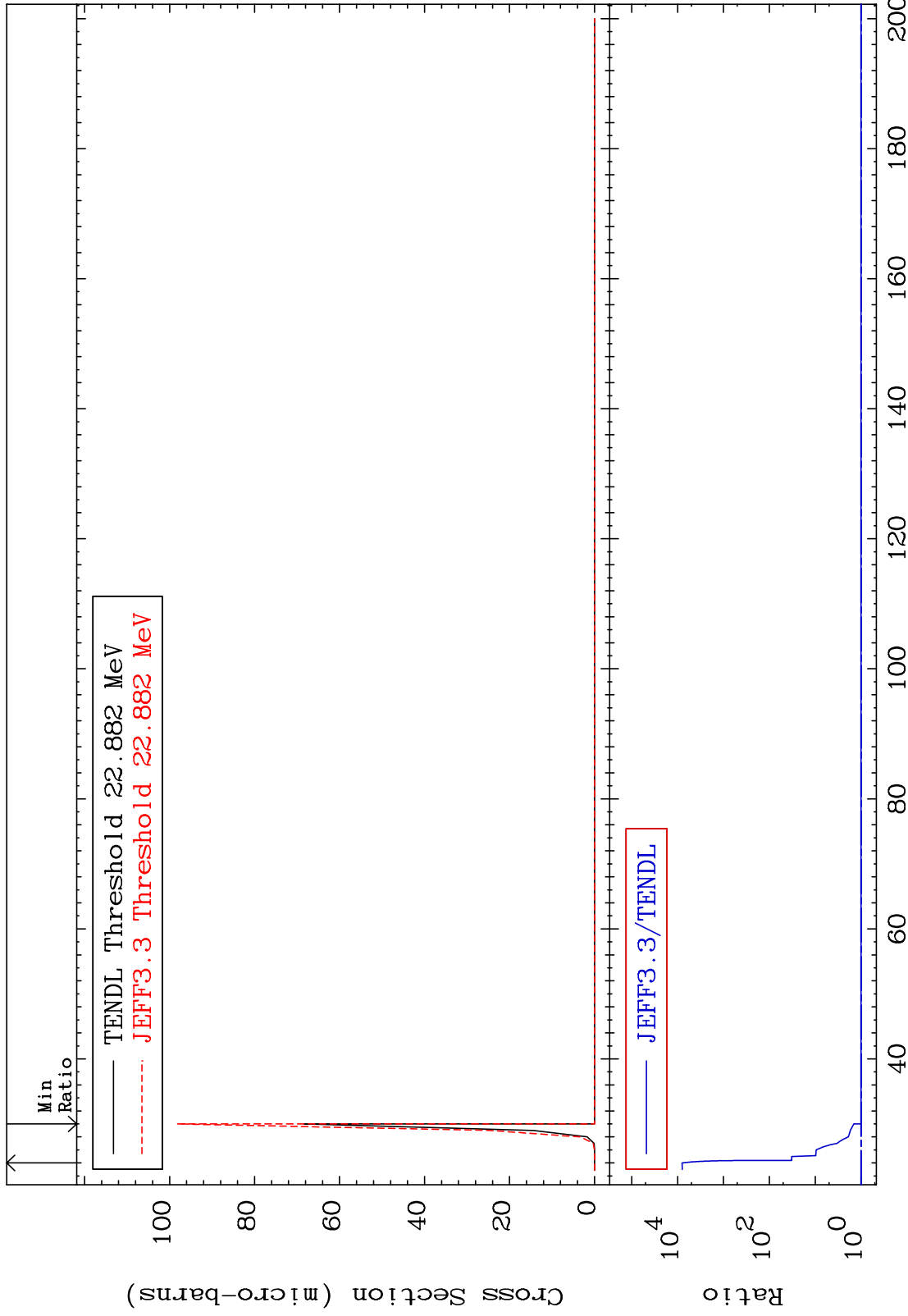
(n,2n) d

46-Pd-110

Cross Section

0.000

To 9999. %



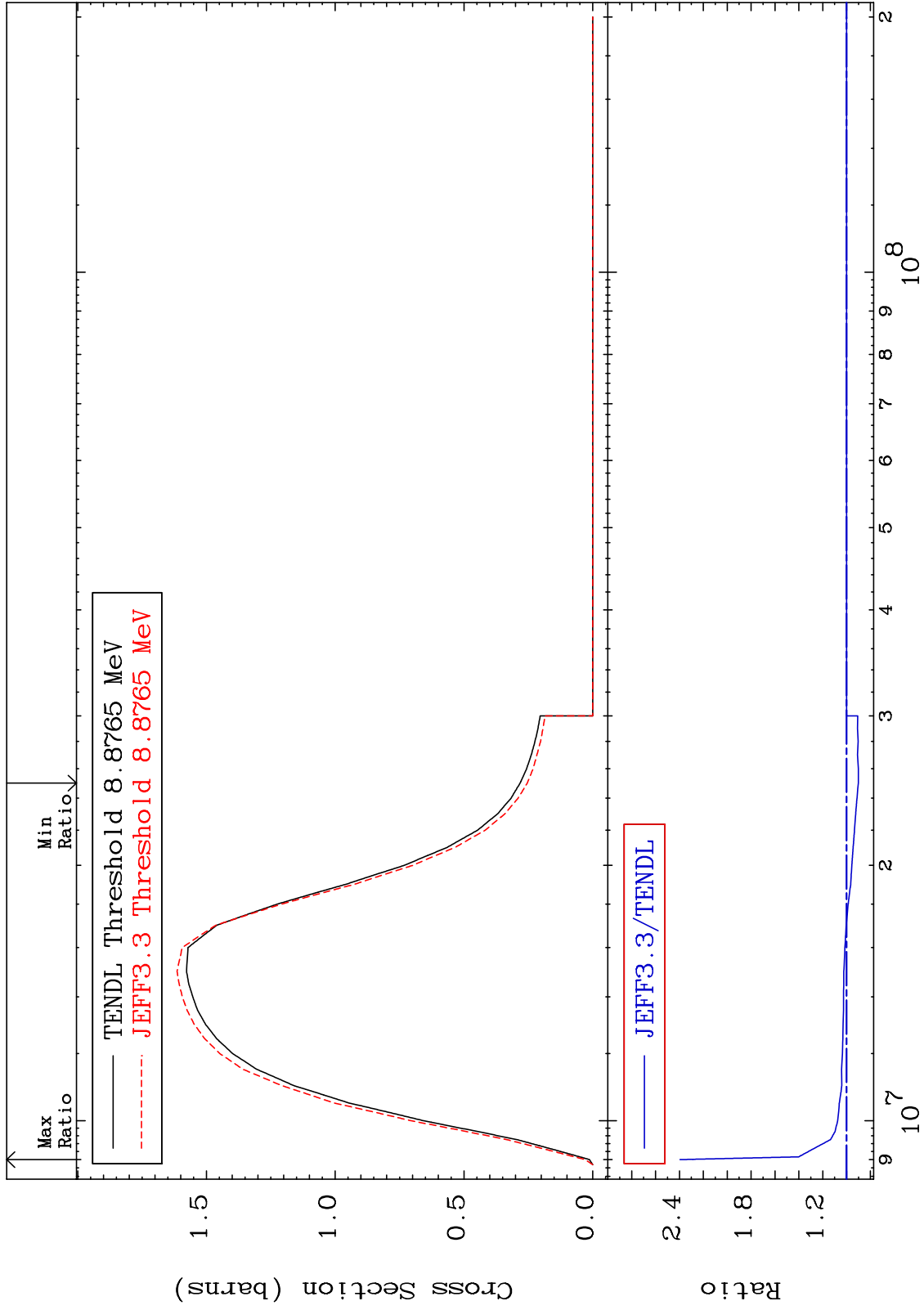
MAT 4649

(n,2n)

46-Pd-110

Cross Section

-9.902 To 139.5 %



5

Incident Energy (eV)

46-Pd-110

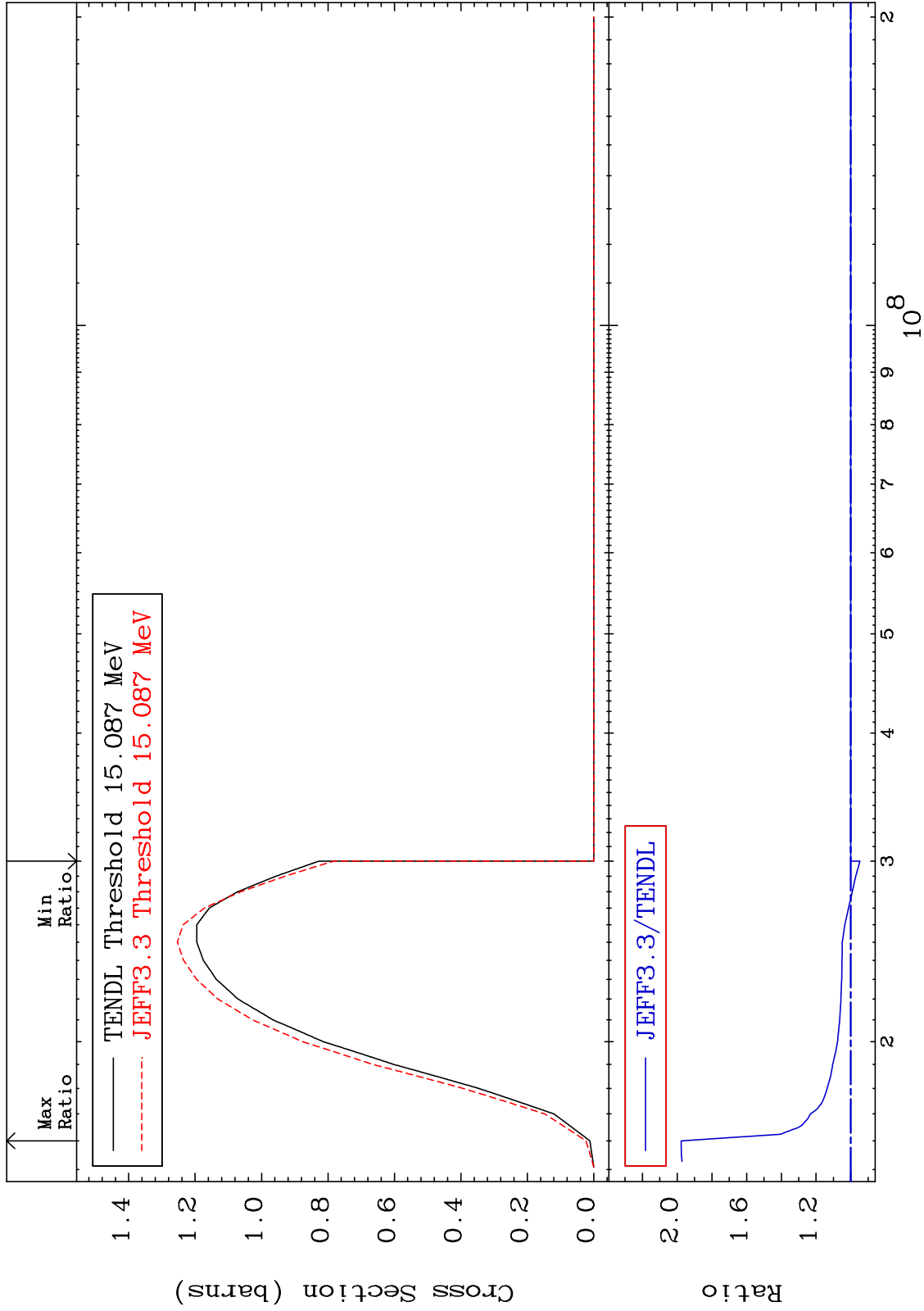
MAT 4649

(n, 3n)

46-Pd-110

Cross Section

-5.274 To 97.67 %



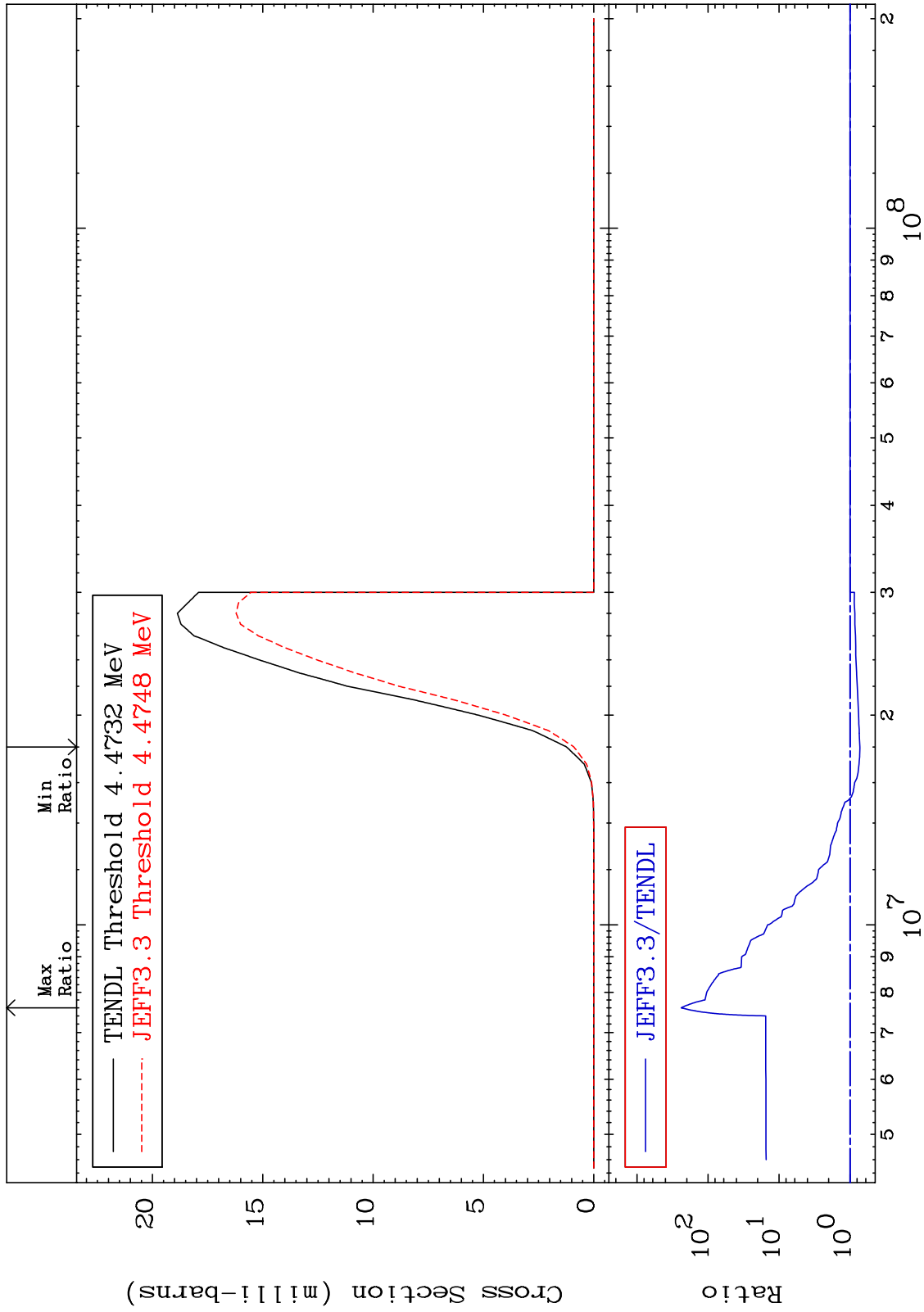
MAT 4649

(n,n') α

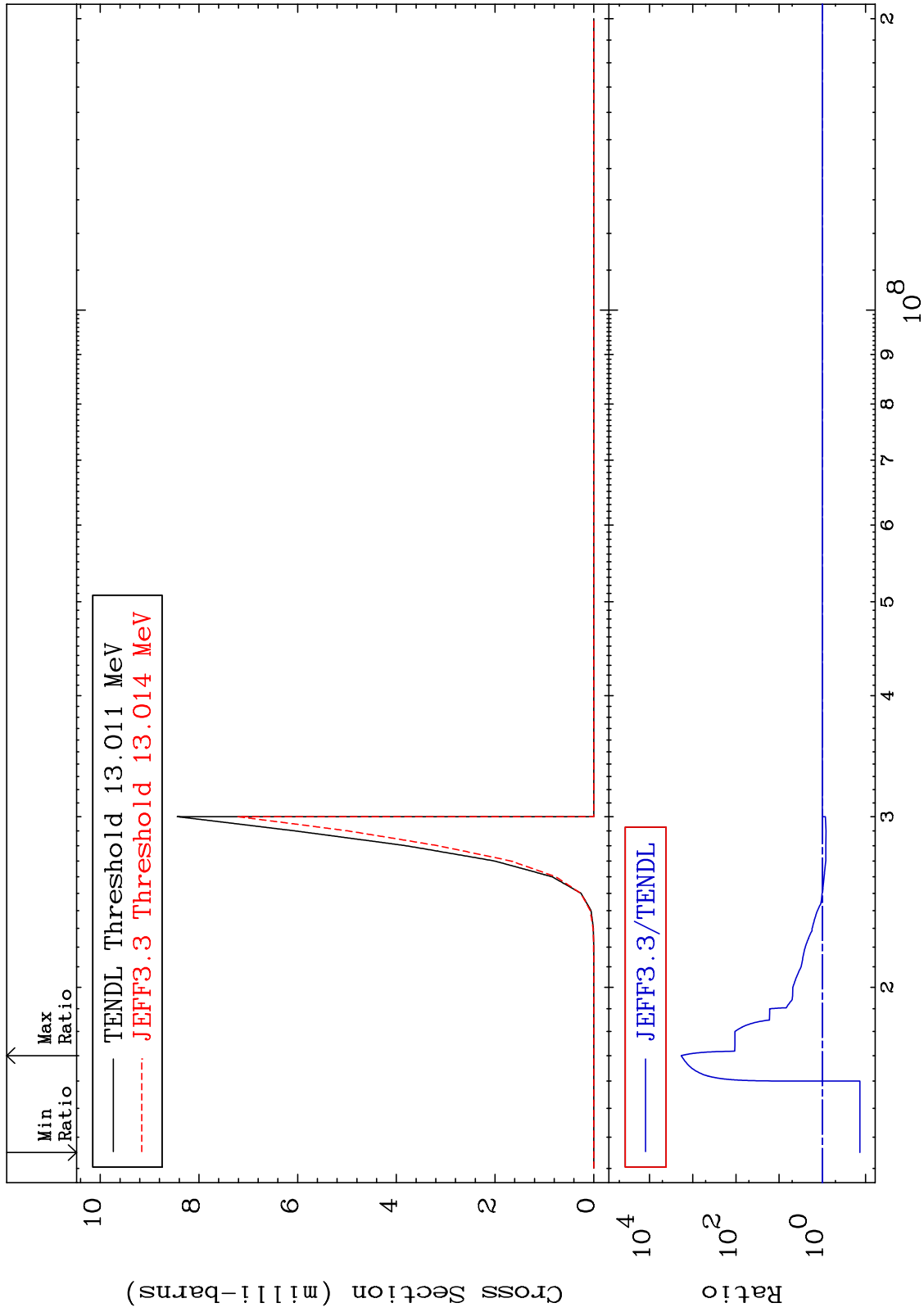
46-Pd-110

Cross Section

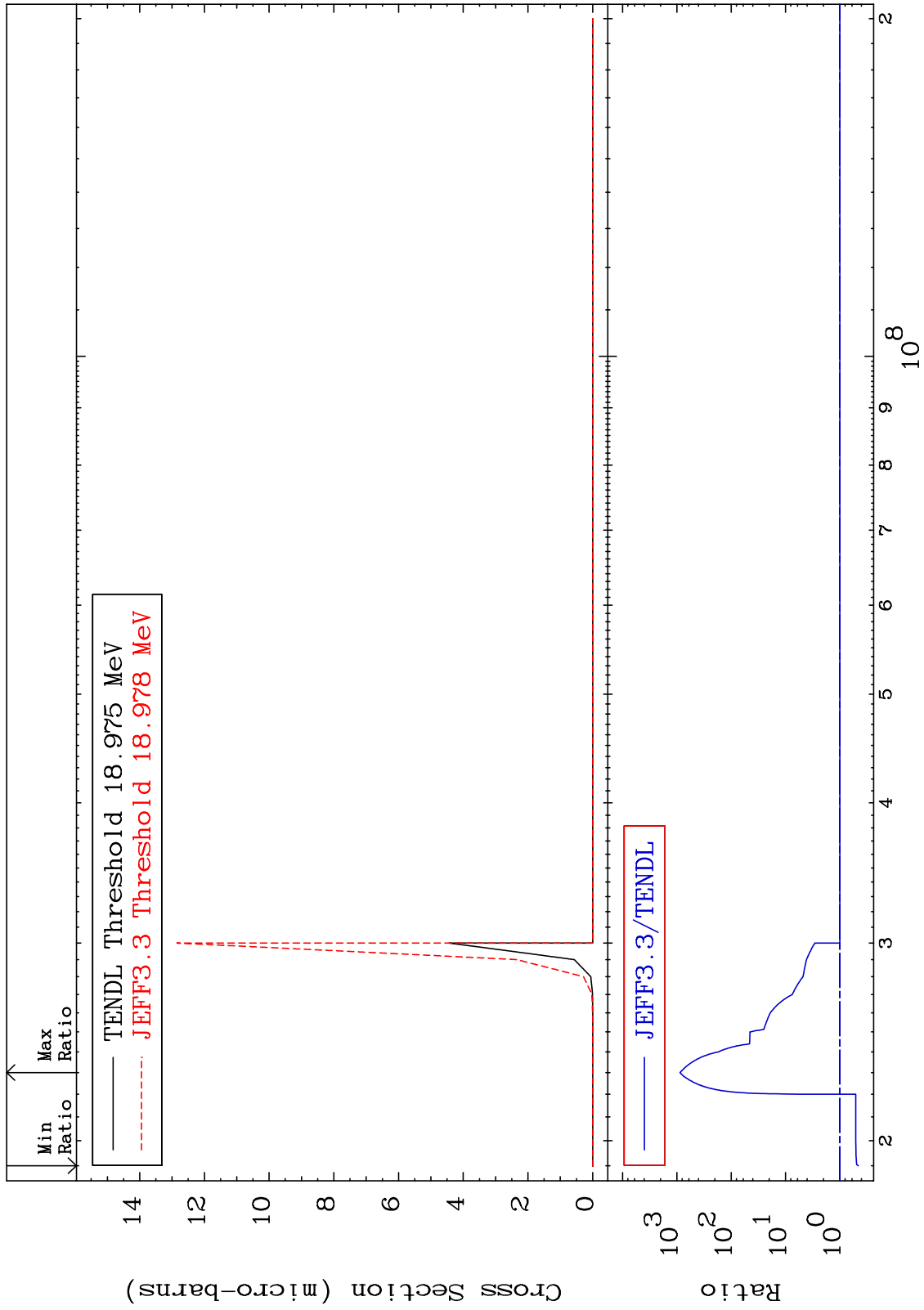
-27.25 To 9999. %



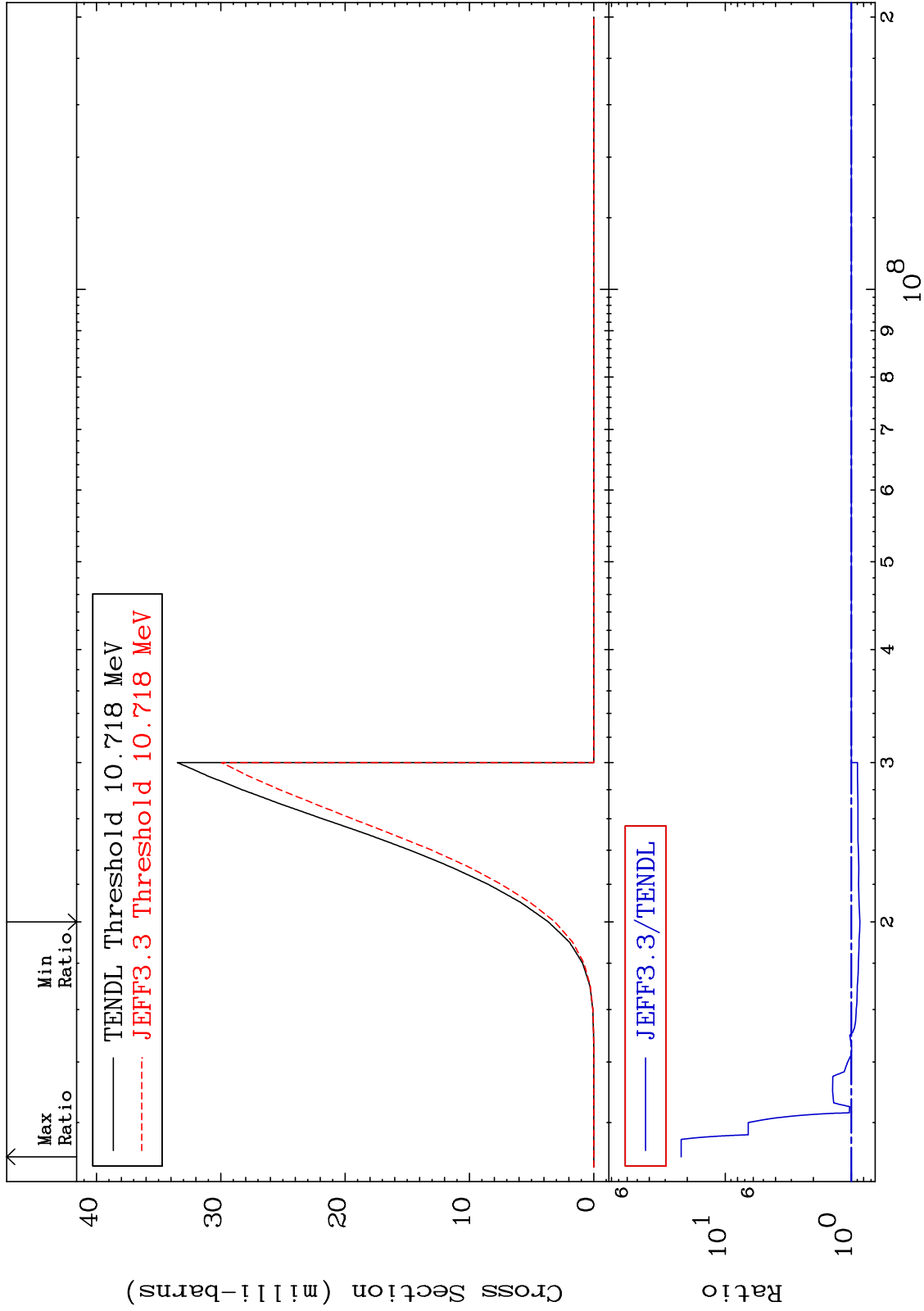
MAT 4649 (n,2n) α 46-Pd-110
Cross Section -86.49 To 9999. %



MAT 4649 (n,3n) α 46-Pd-110
Cross Section -54.39 To 9999. %



MAT 4649 (n,n') p 46-Pd-110
Cross Section -14.41 To 2136. %



10 46-Pd-110

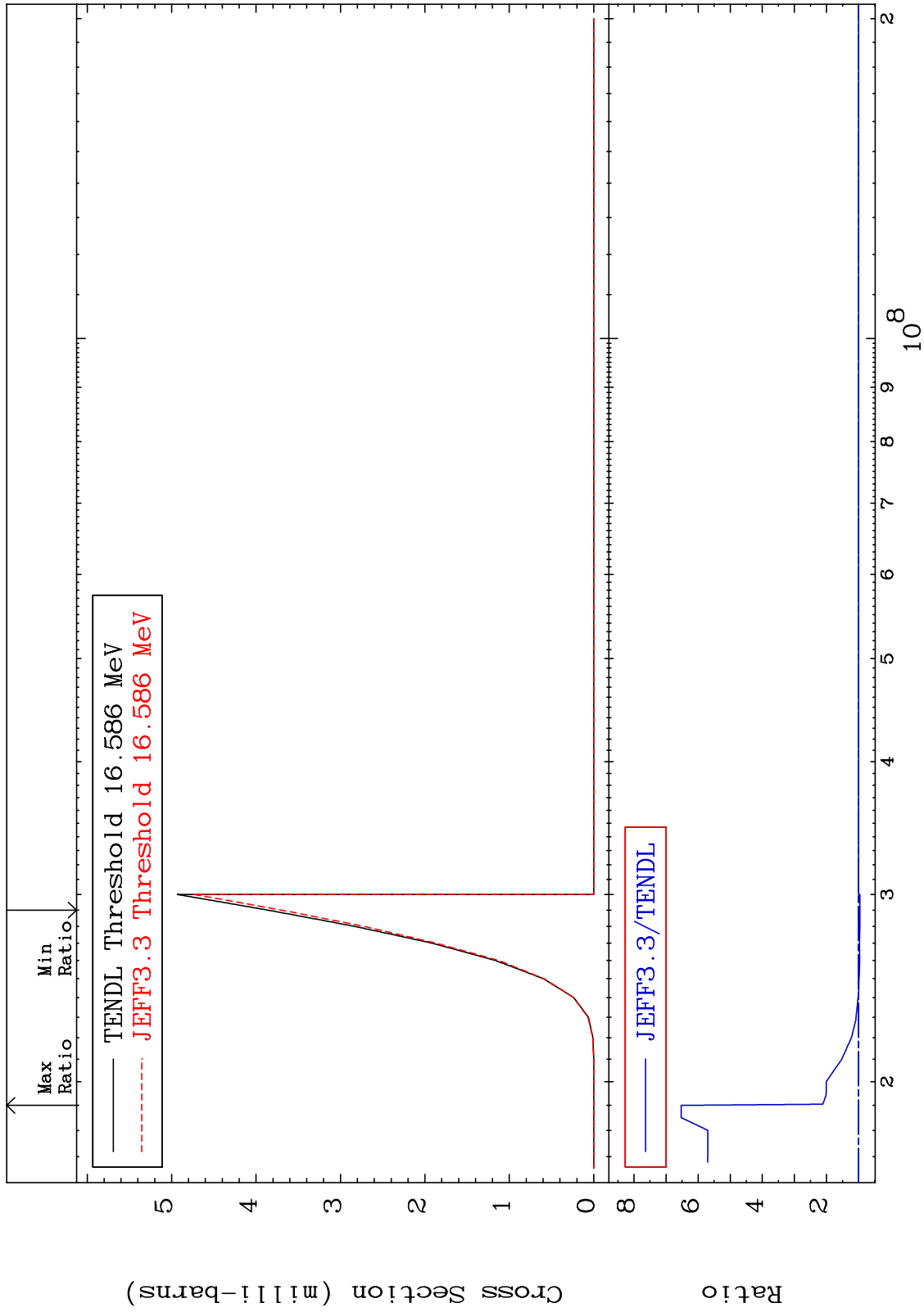
MAT 4649

(n,n') d

46-Pd-110

Cross Section

-4.182 To 552.7 %



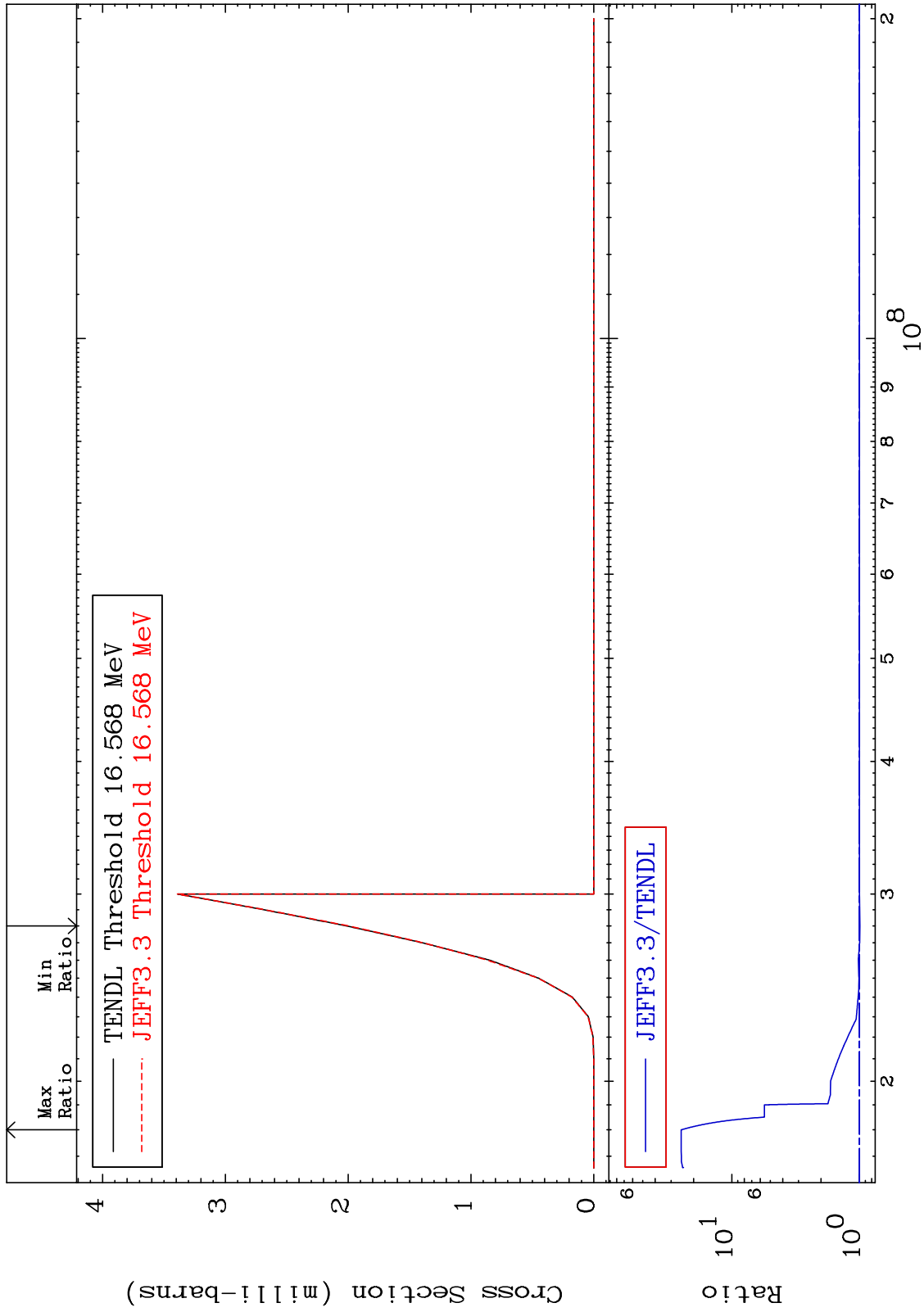
MAT 4649

(n,n') t

46-Pd-110

Cross Section

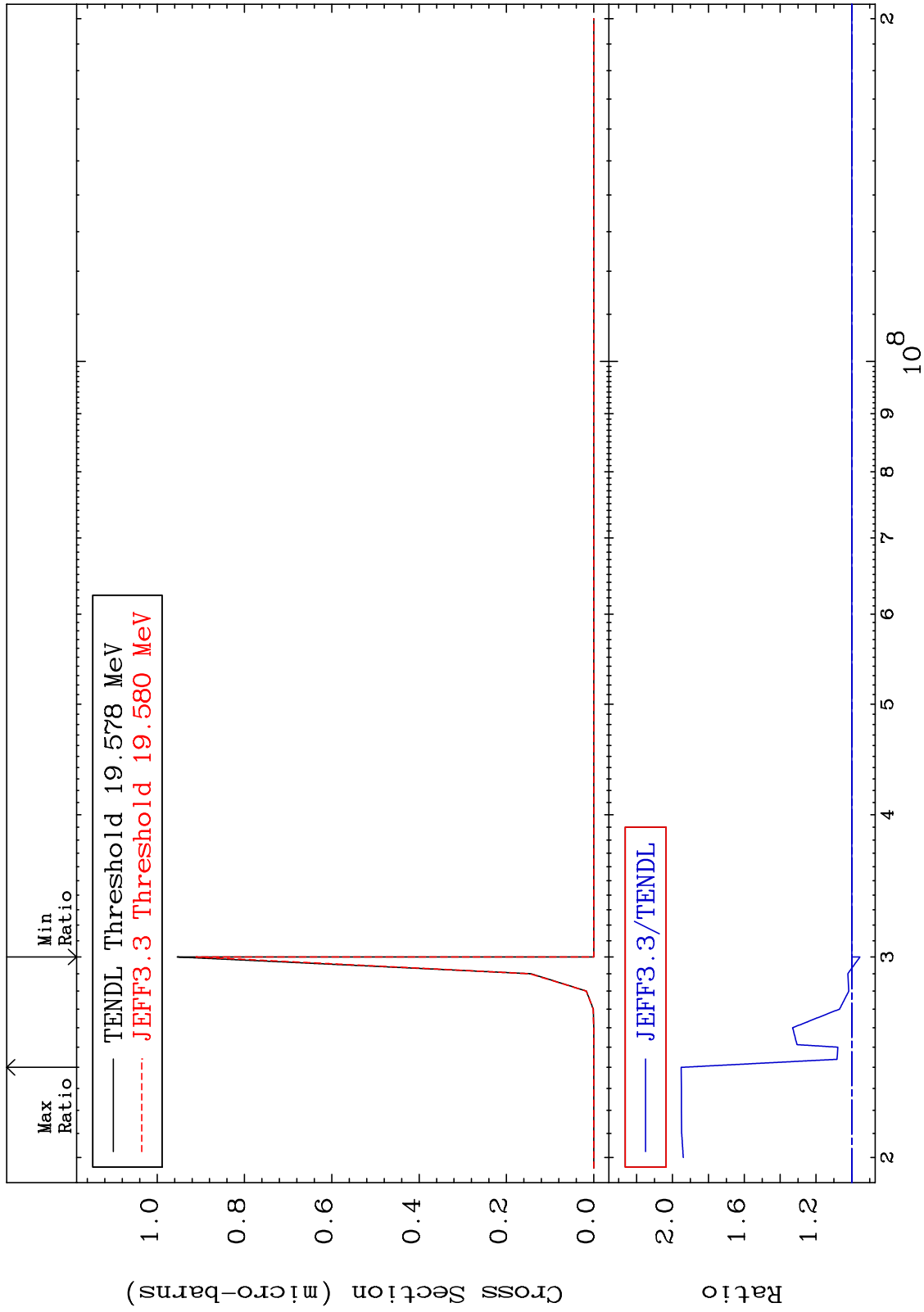
-0.931 To 2398. %



MAT 4649

(n, n') He-3
Cross Section

46-Pd-110
-4.485 To 95.13 %



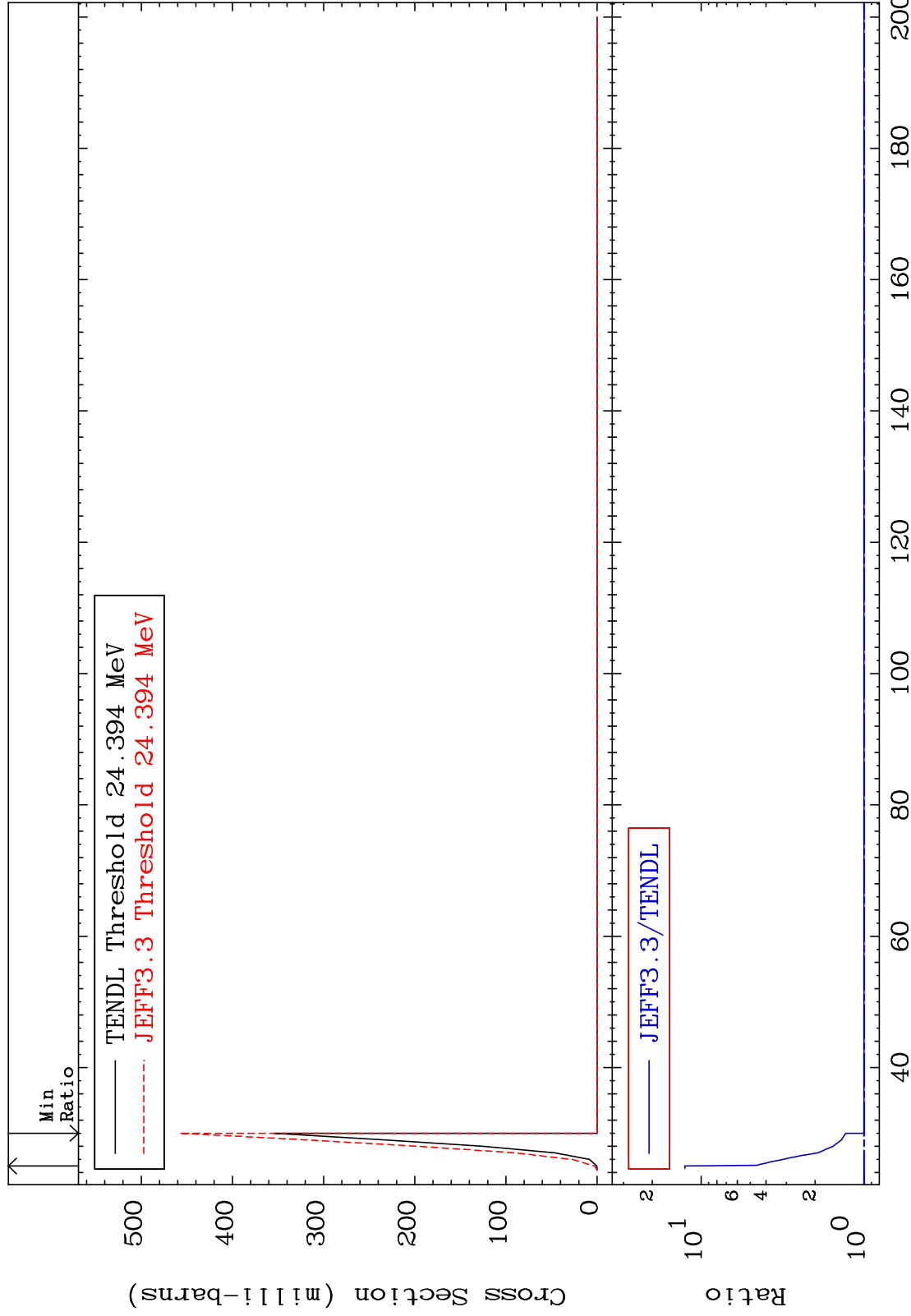
MAT 4649

(n, 4n)

46-Pd-110

Cross Section

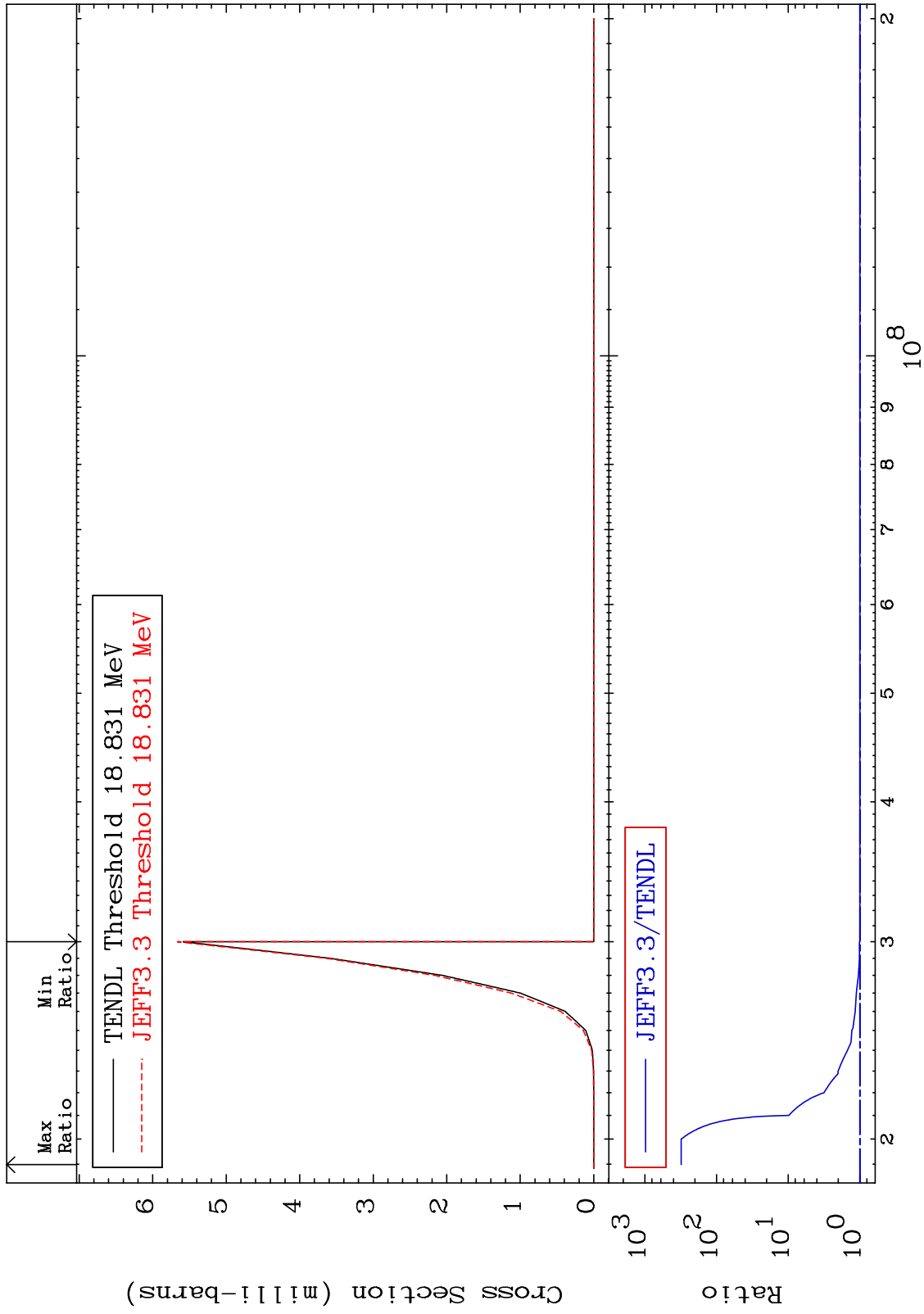
0.000 To 1162. %



MAT 4649

(n,2n) p
Cross Section

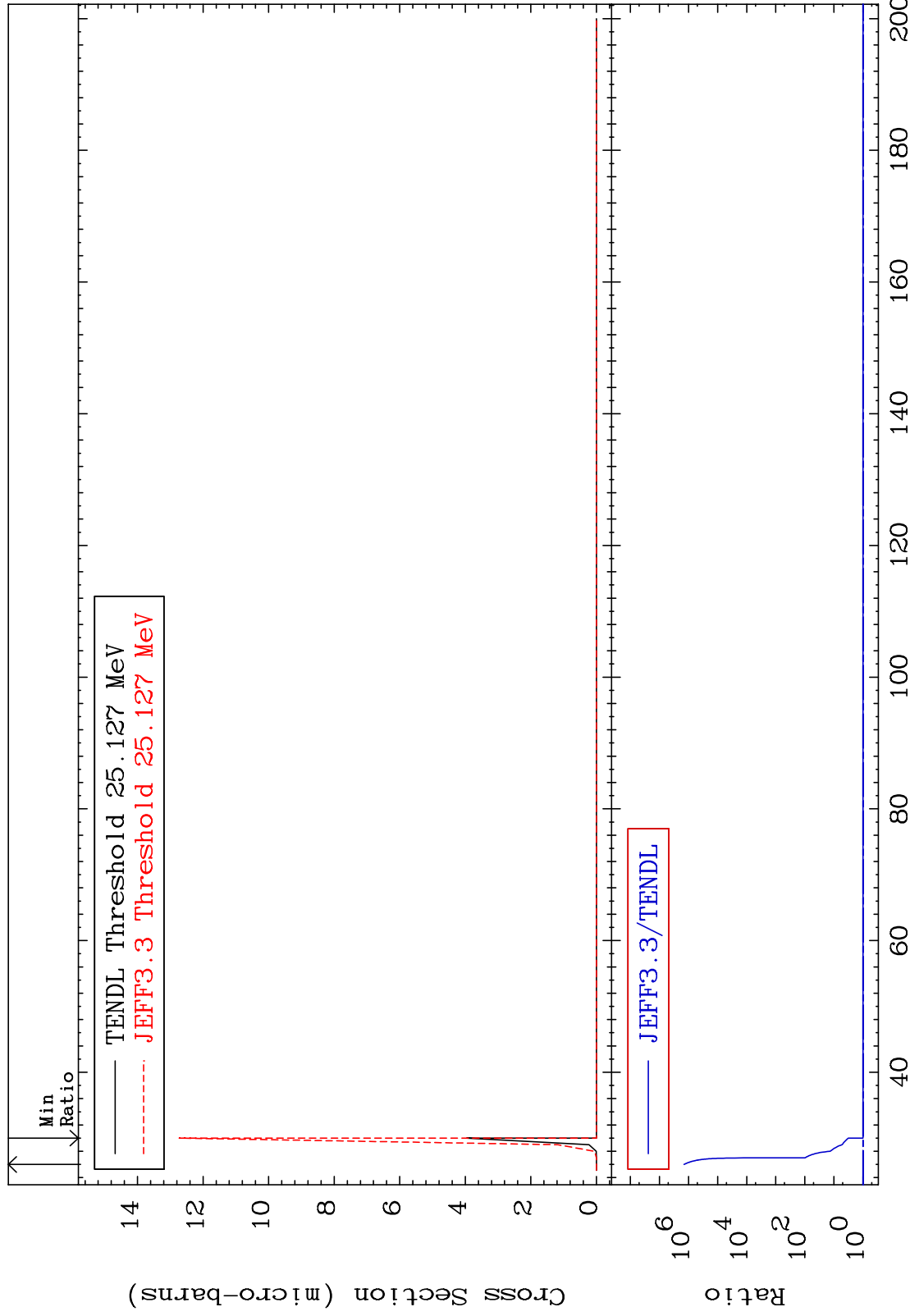
46-Pd-110
0.000 To 9999. %



MAT 4649

(n,3n) p
Cross Section

46-Pd-110
0.000 To 9999. %

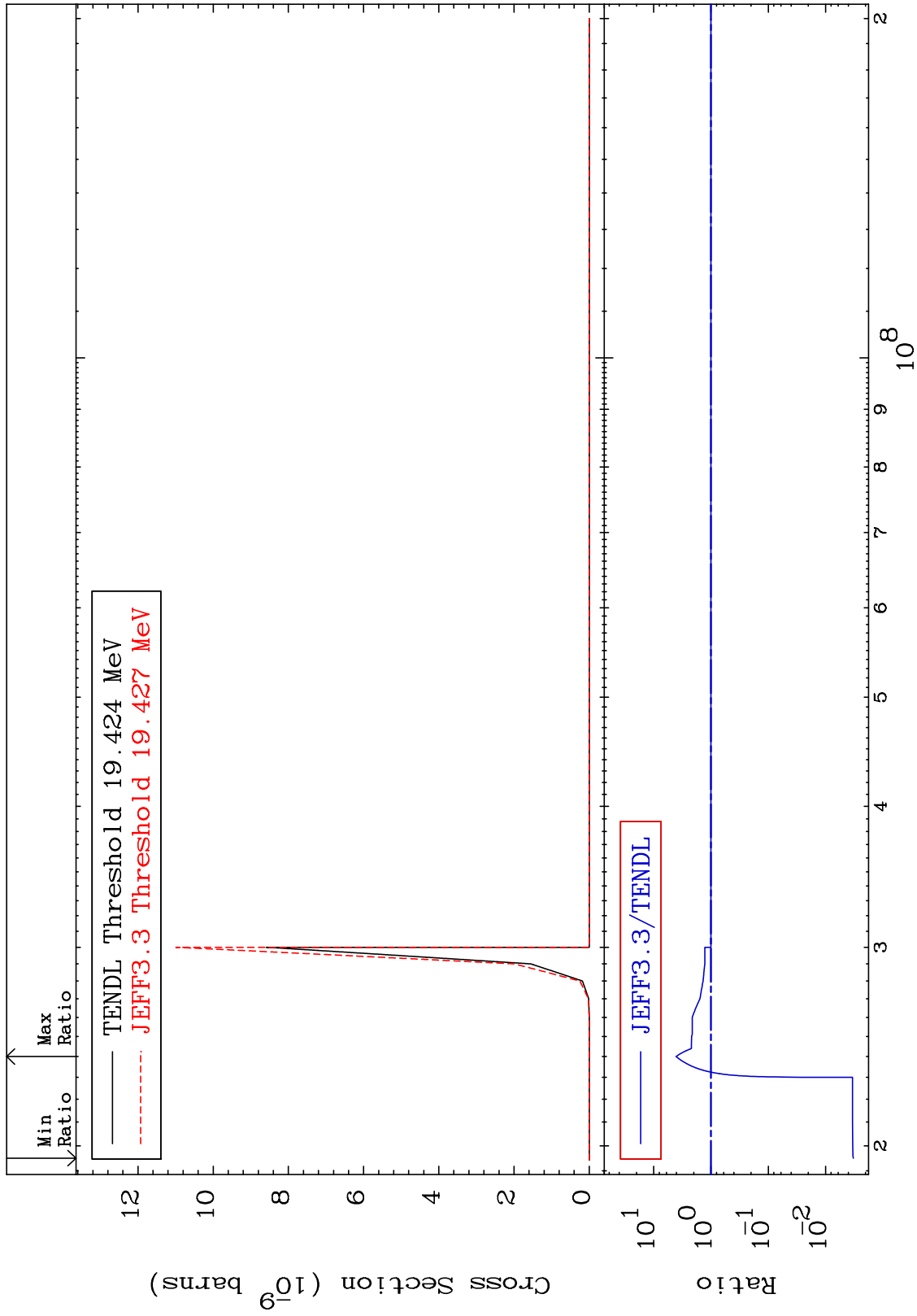


Incident Energy (MeV) 46-Pd-110

MAT 4649

(n,2n) p
Cross Section

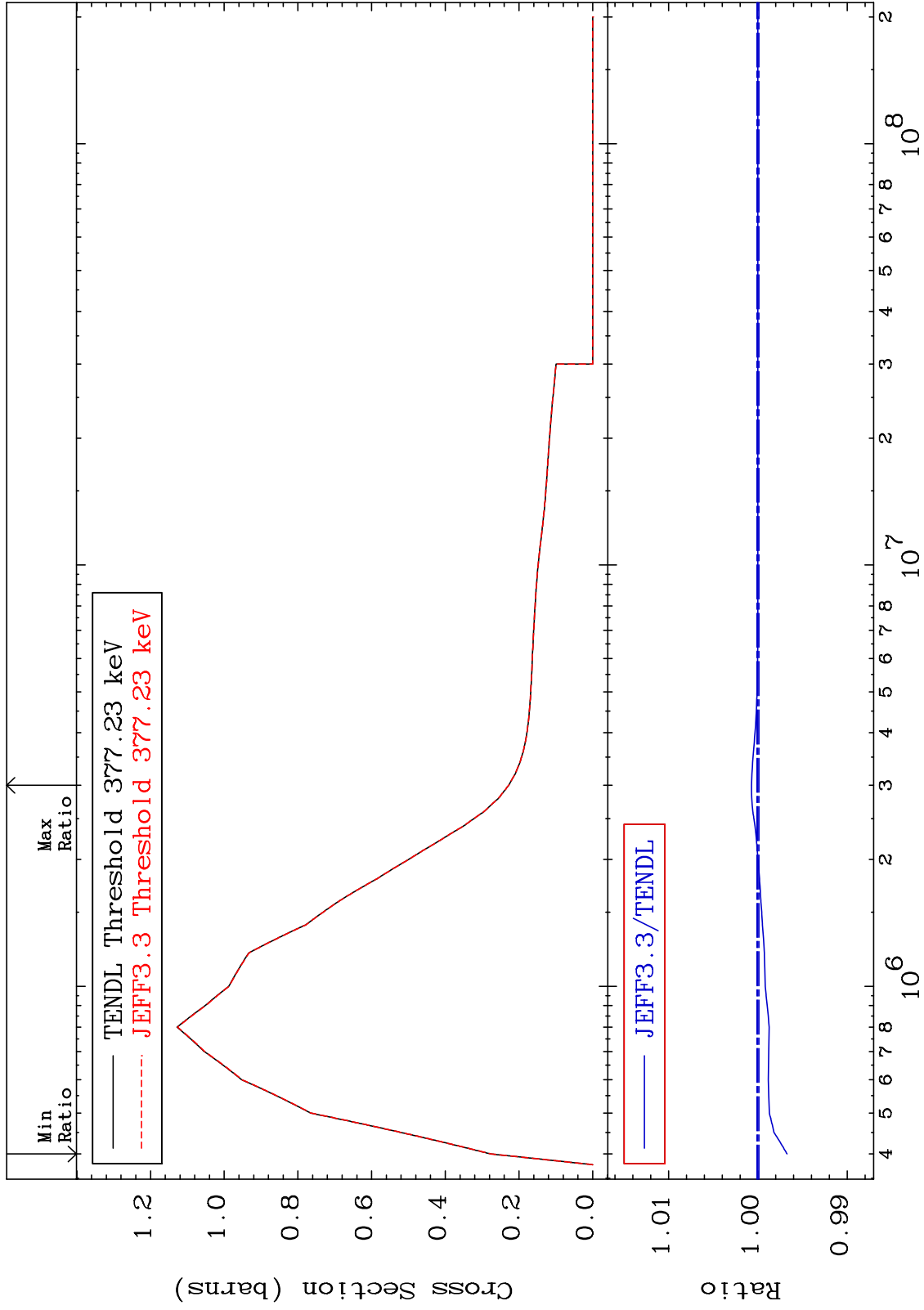
46-Pd-110
-99.67 To 307.6 %



MAT 4649

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

46-Pd-110
-0.326 To 0.073 %



18

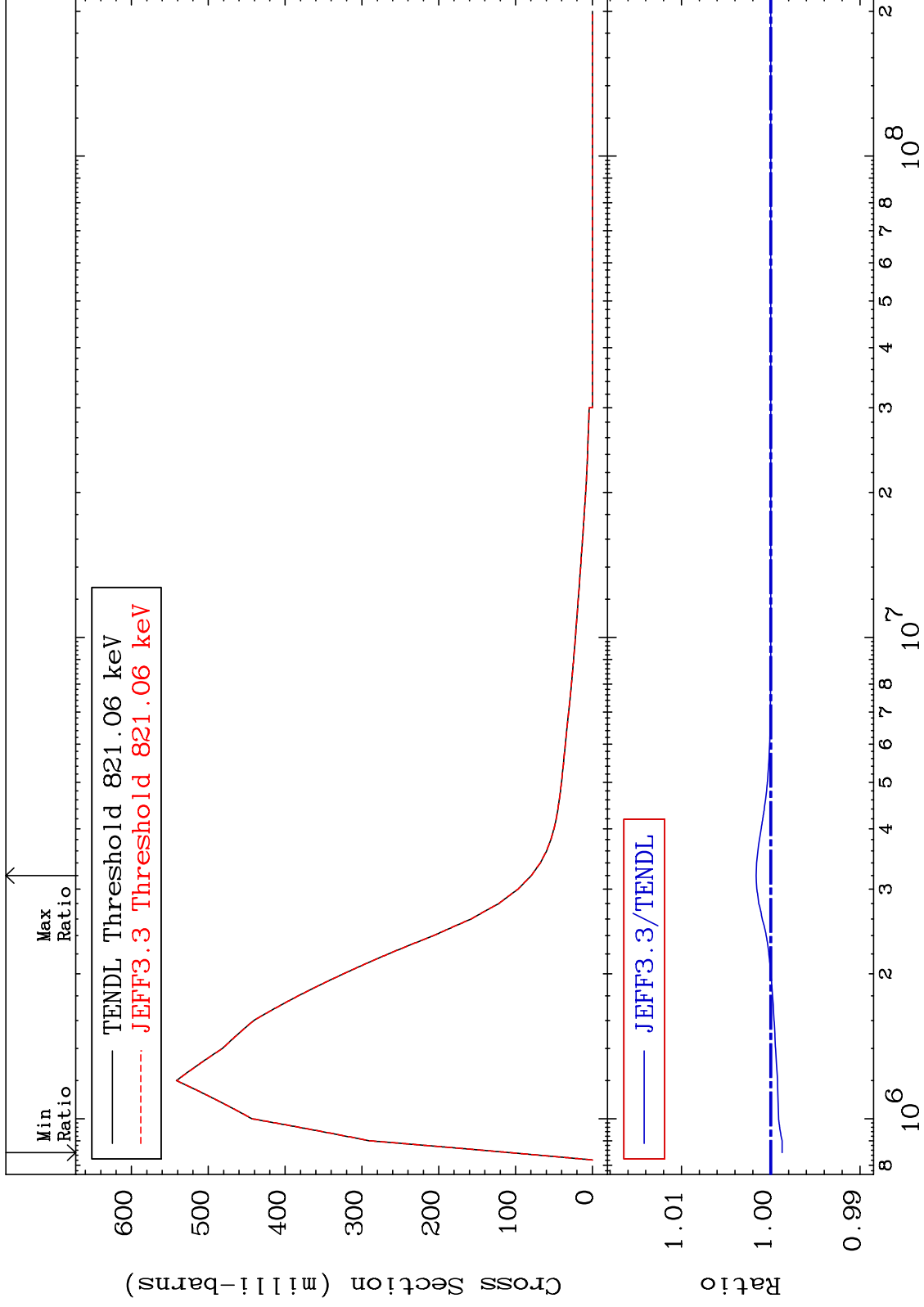
Incident Energy (eV)

46-Pd-110

MAT 4649

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

46-Pd-110
-0.127 To 0.164 %



19

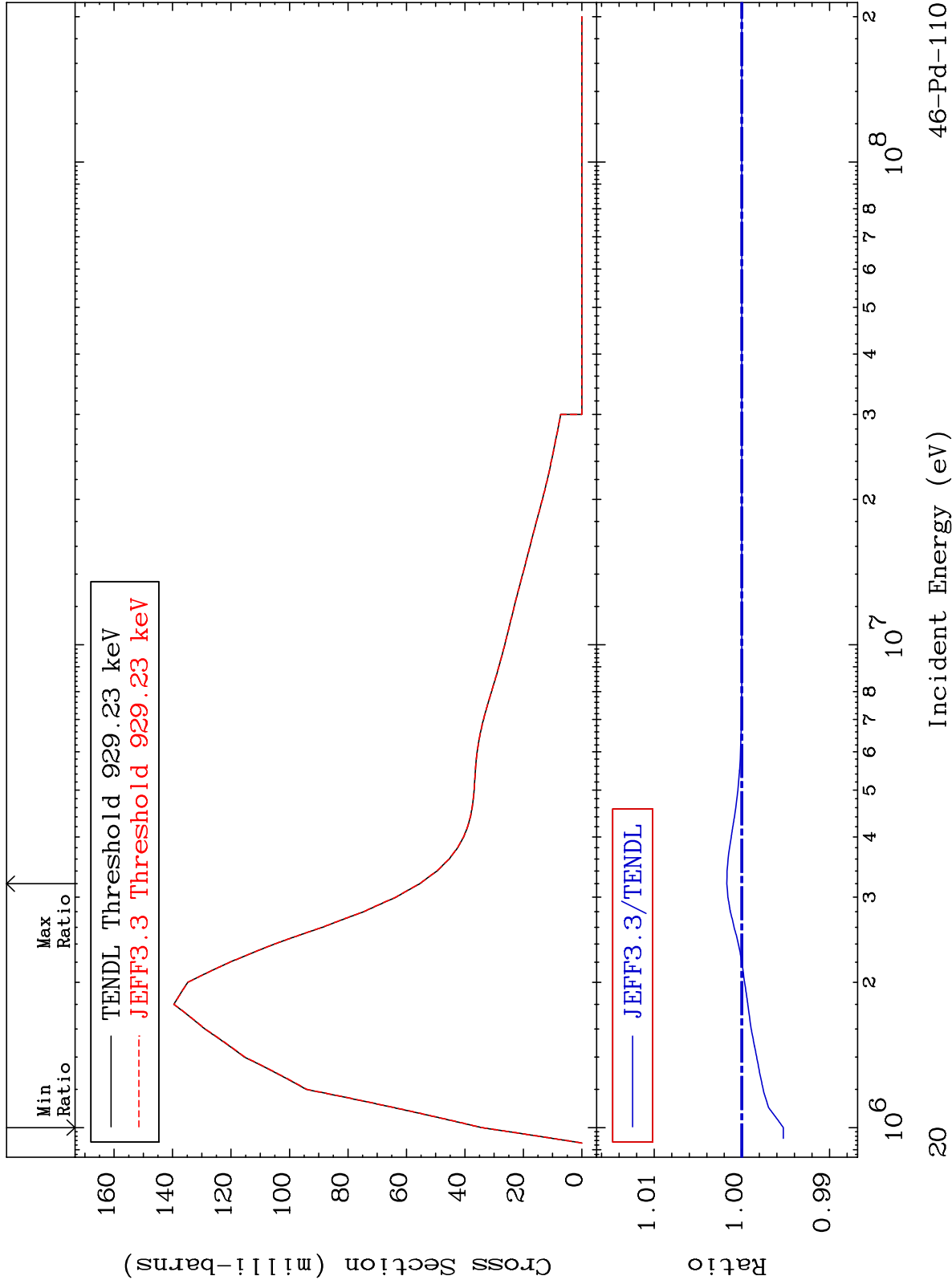
Incident Energy (eV)

46-Pd-110

MAT 4649

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

46-Pd-110
-0.473 To 0.171 %



46-Pd-110

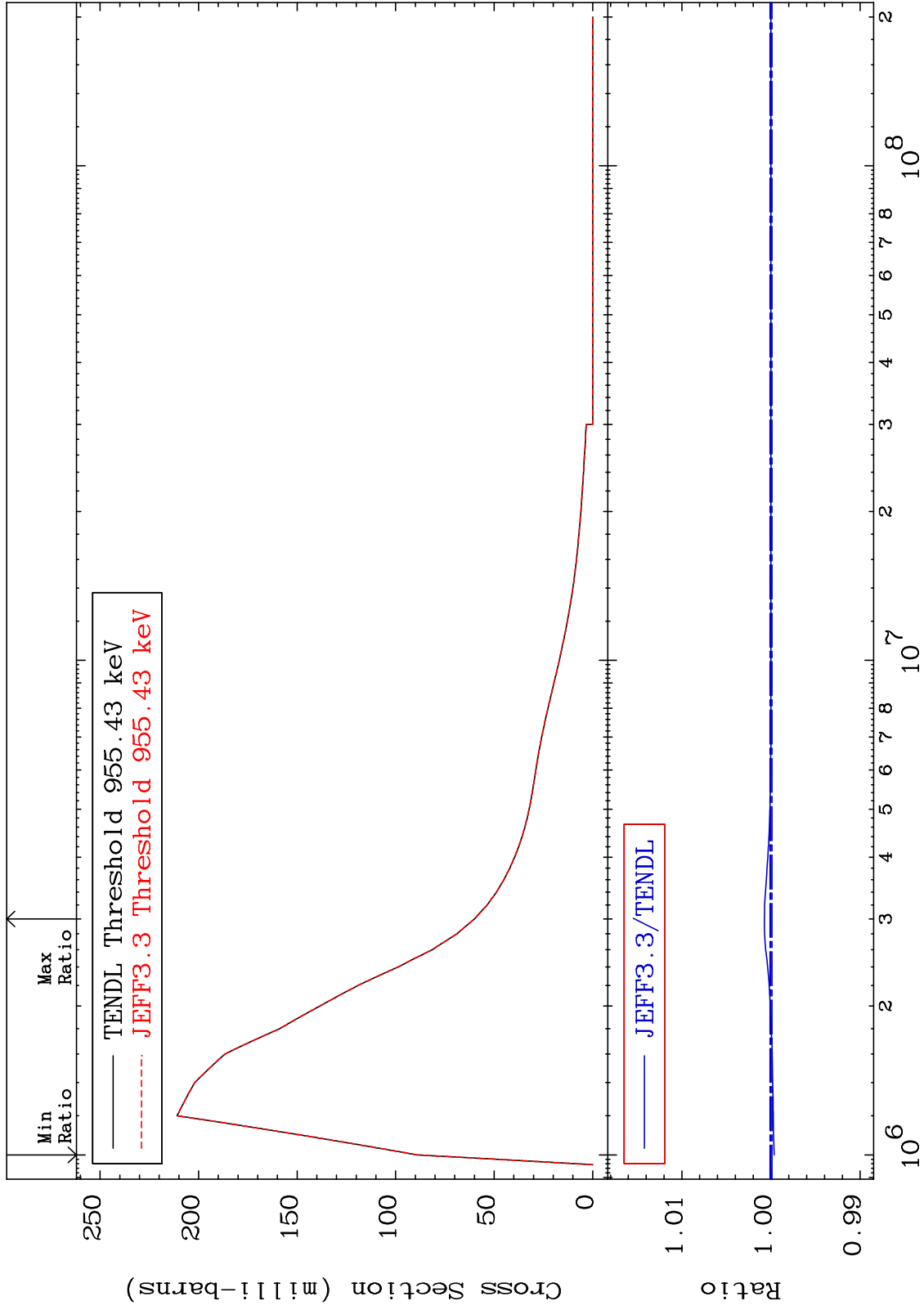
Incident Energy (eV)

20

MAT 4649

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

46-Pd-110
-0.035 To 0.075 %



21

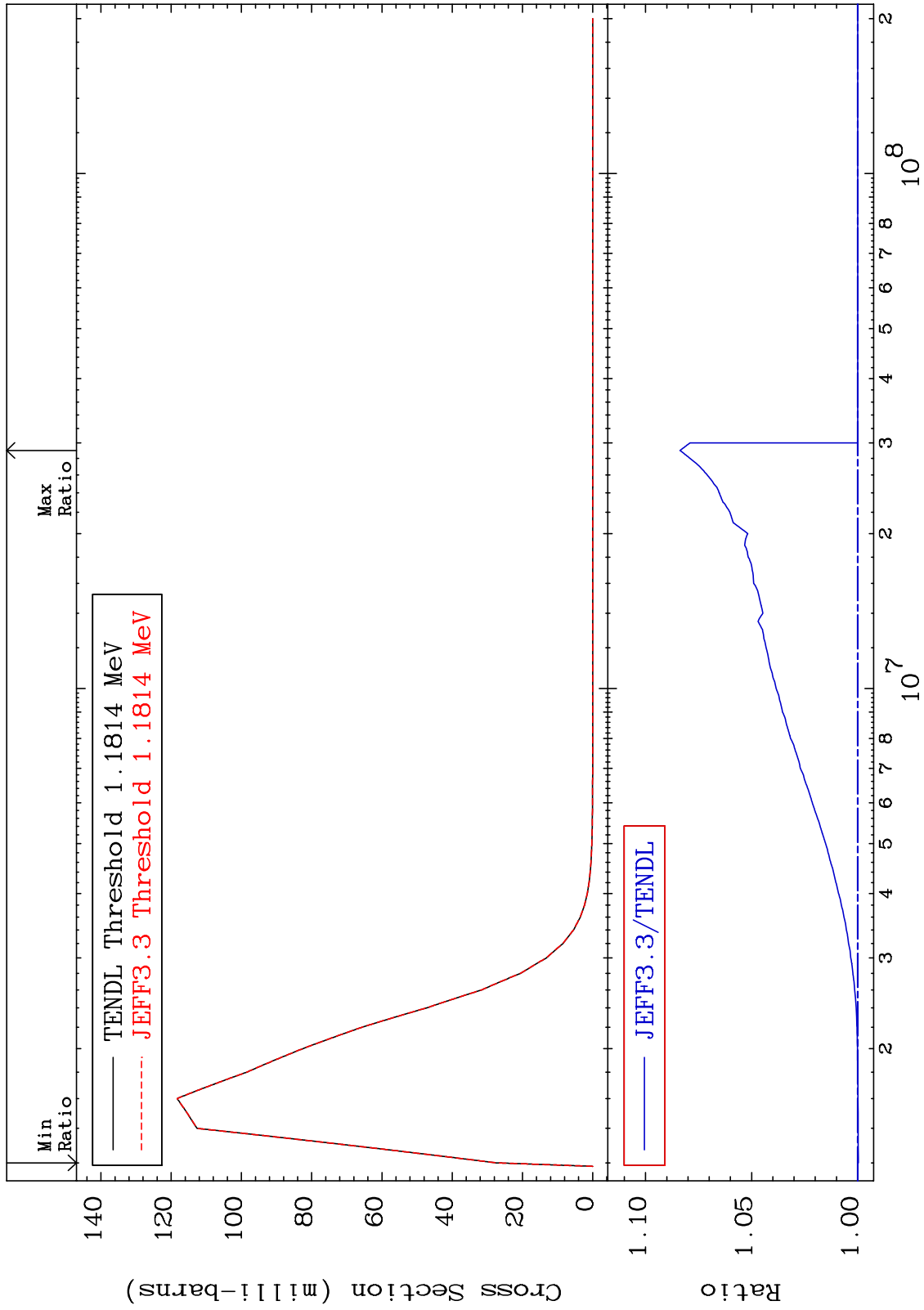
Incident Energy (eV)

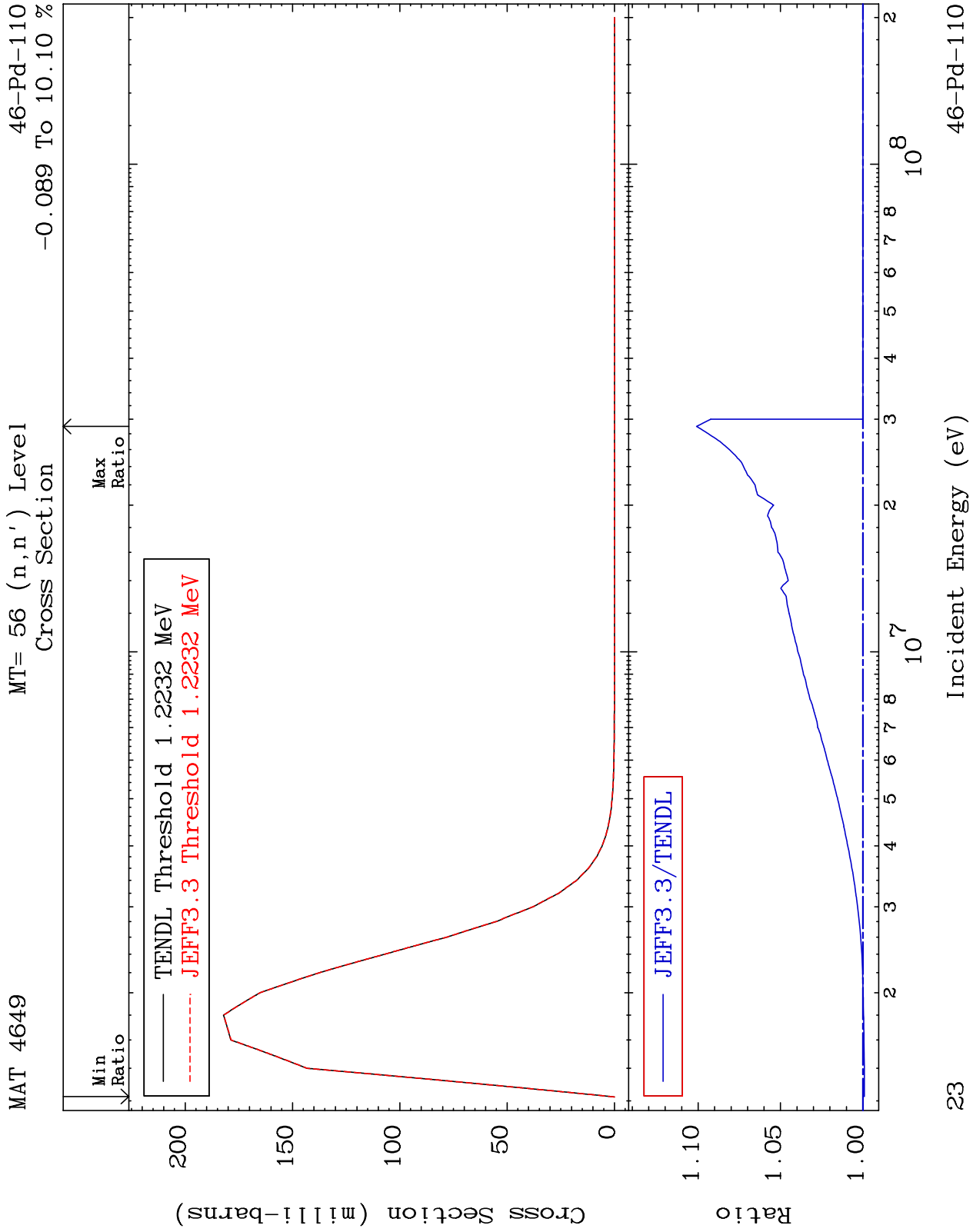
46-Pd-110

MAT 4649

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

46-Pd-110
-0.033 To 8.376 %

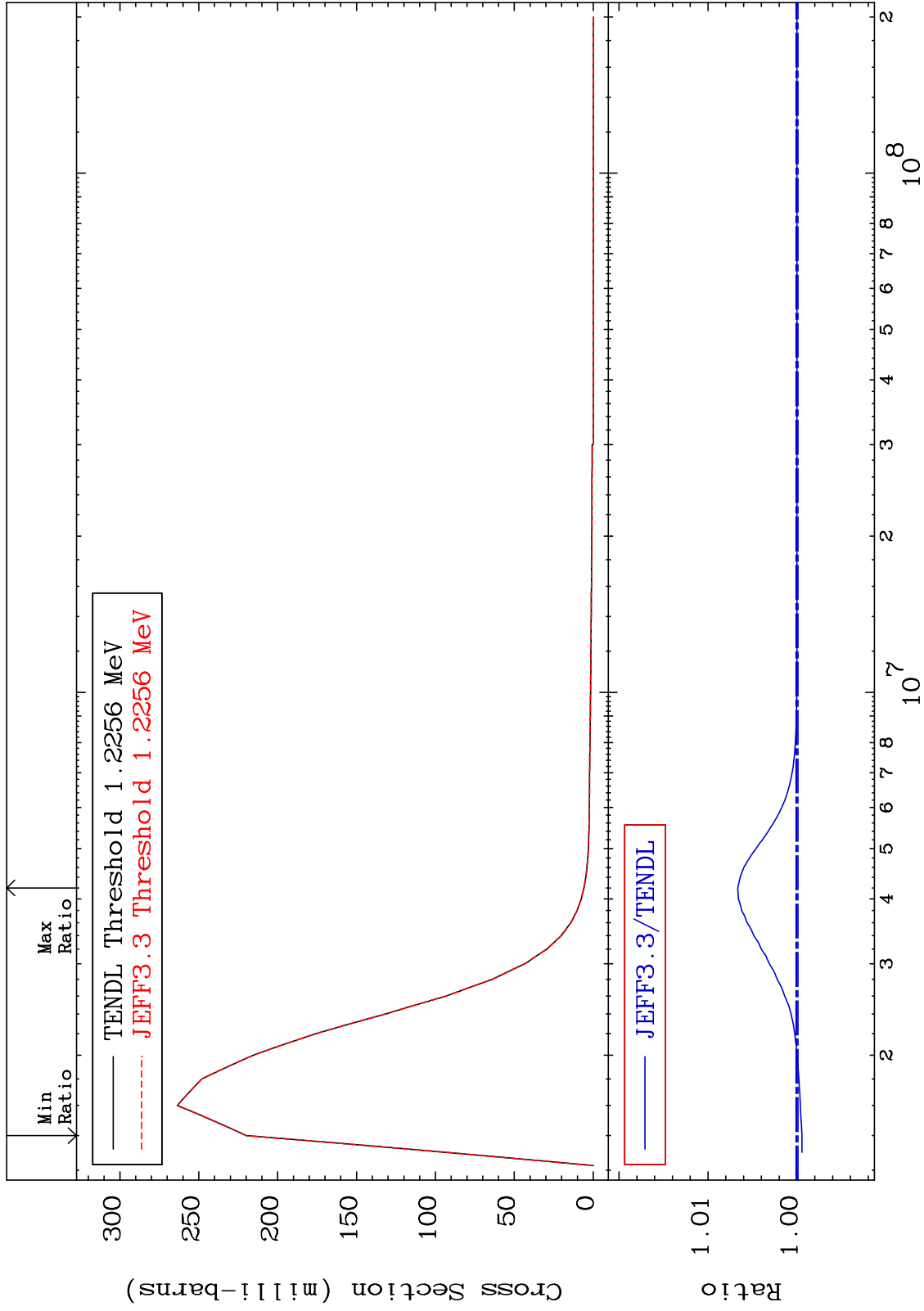




MAT 4649

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

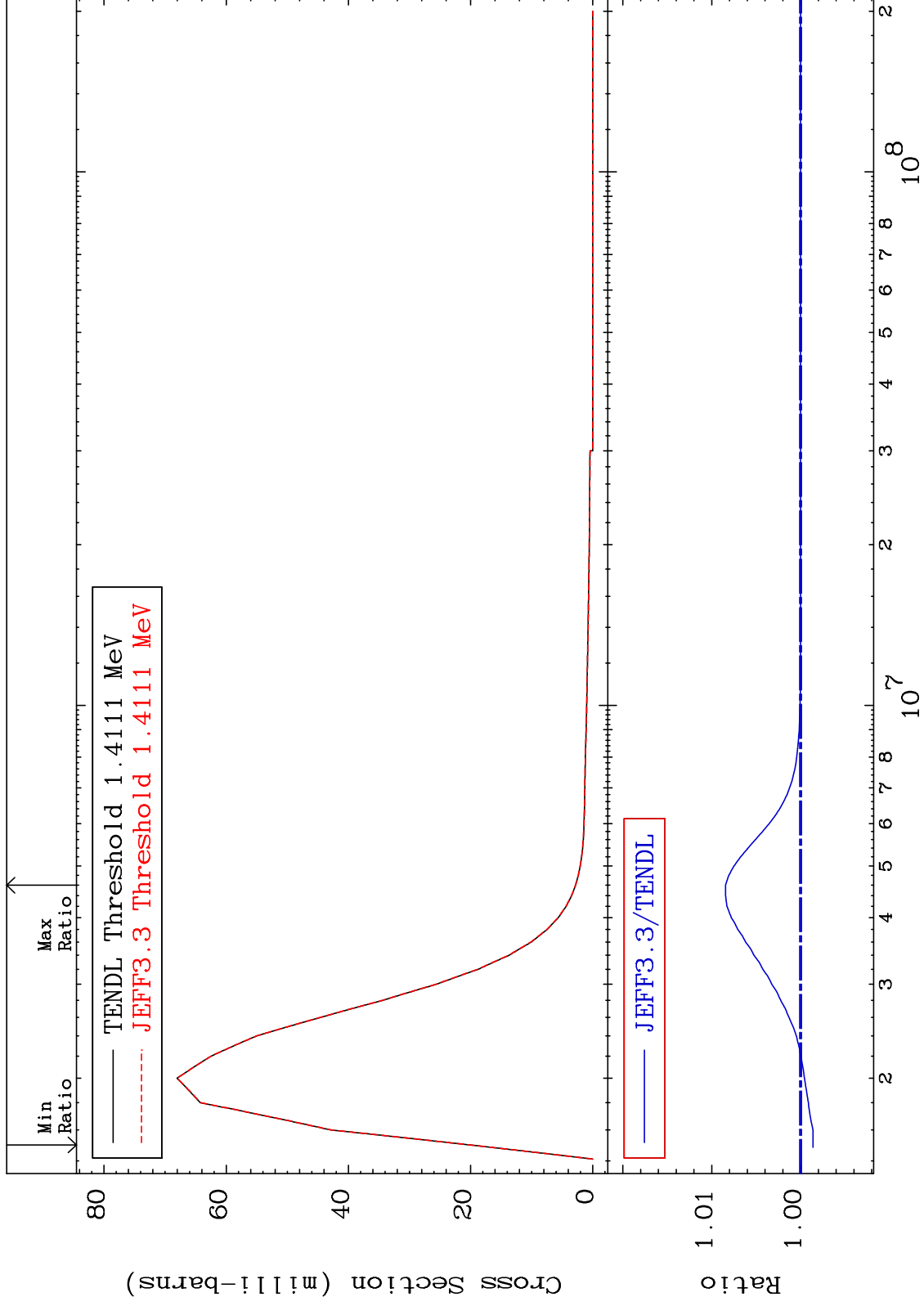
46-Pd-110
-0.056 To 0.666 %



MAT 4649

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

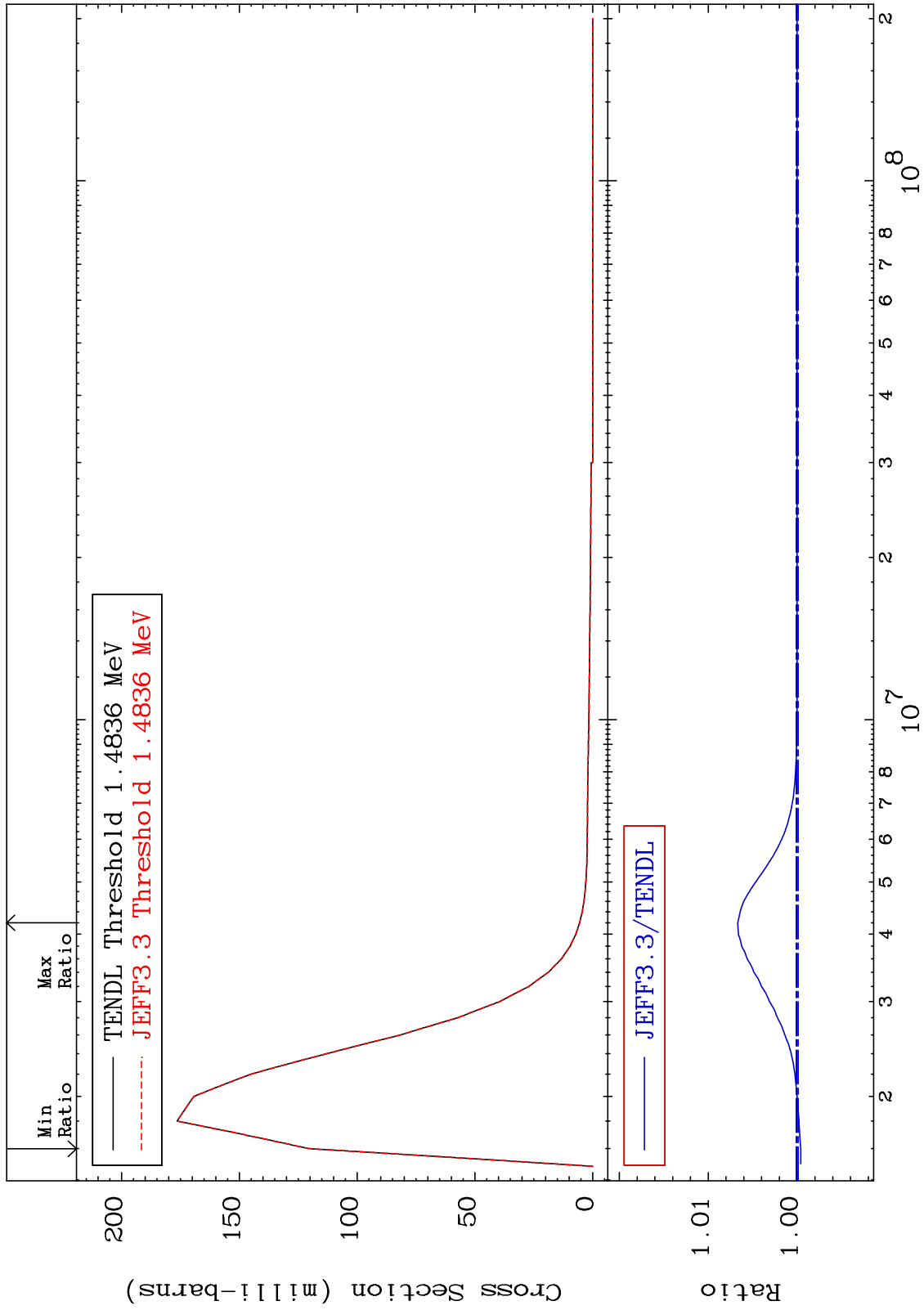
46-Pd-110
-0.139 To 0.846 %



MAT 4649

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

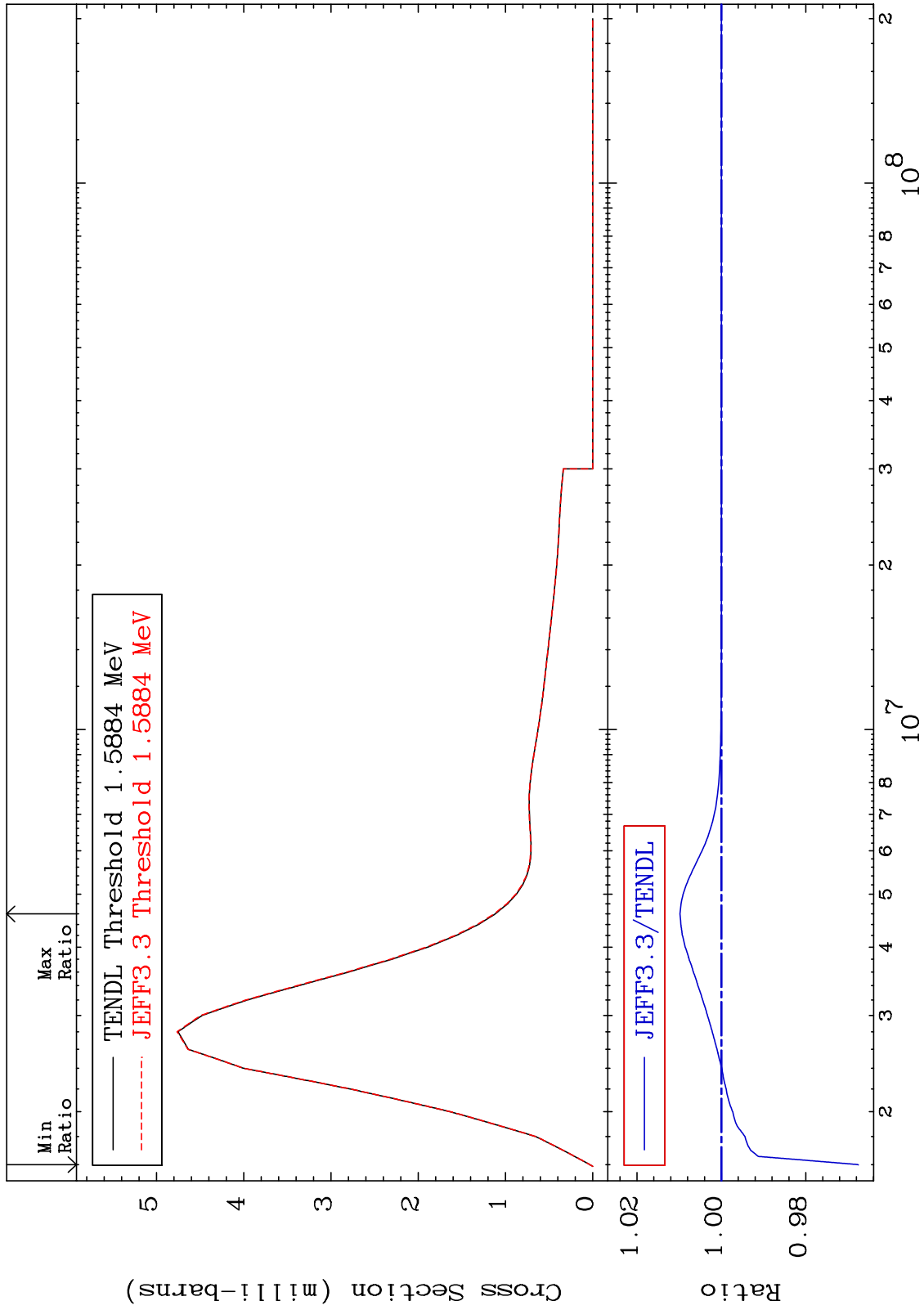
46-Pd-110
-0.040 To 0.669 %



MAT 4649

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

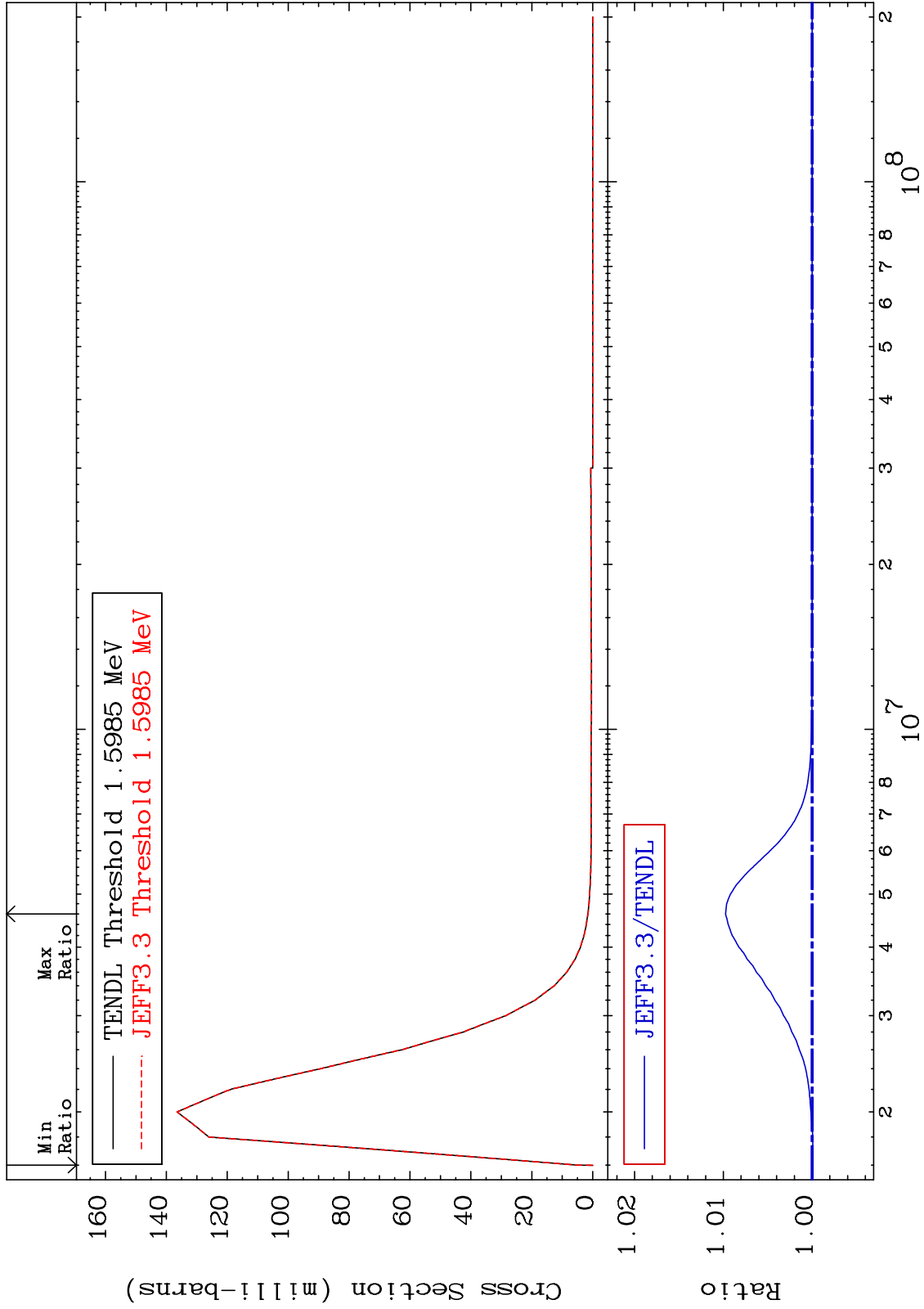
46-Pd-110
-3.245 To 0.980 %



MAT 4649

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

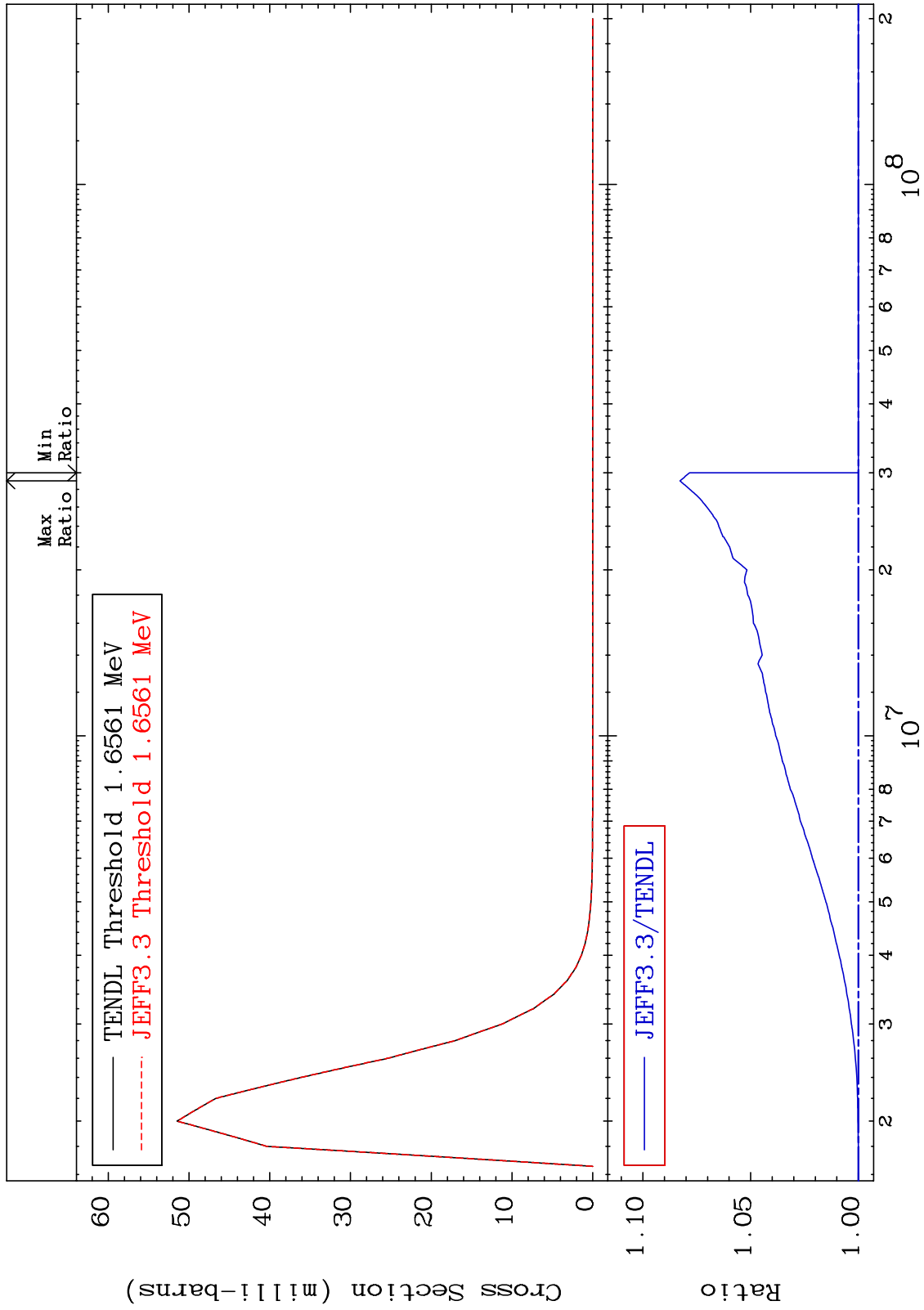
46-Pd-110
-0.010 To 0.976 %



MAT 4649

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

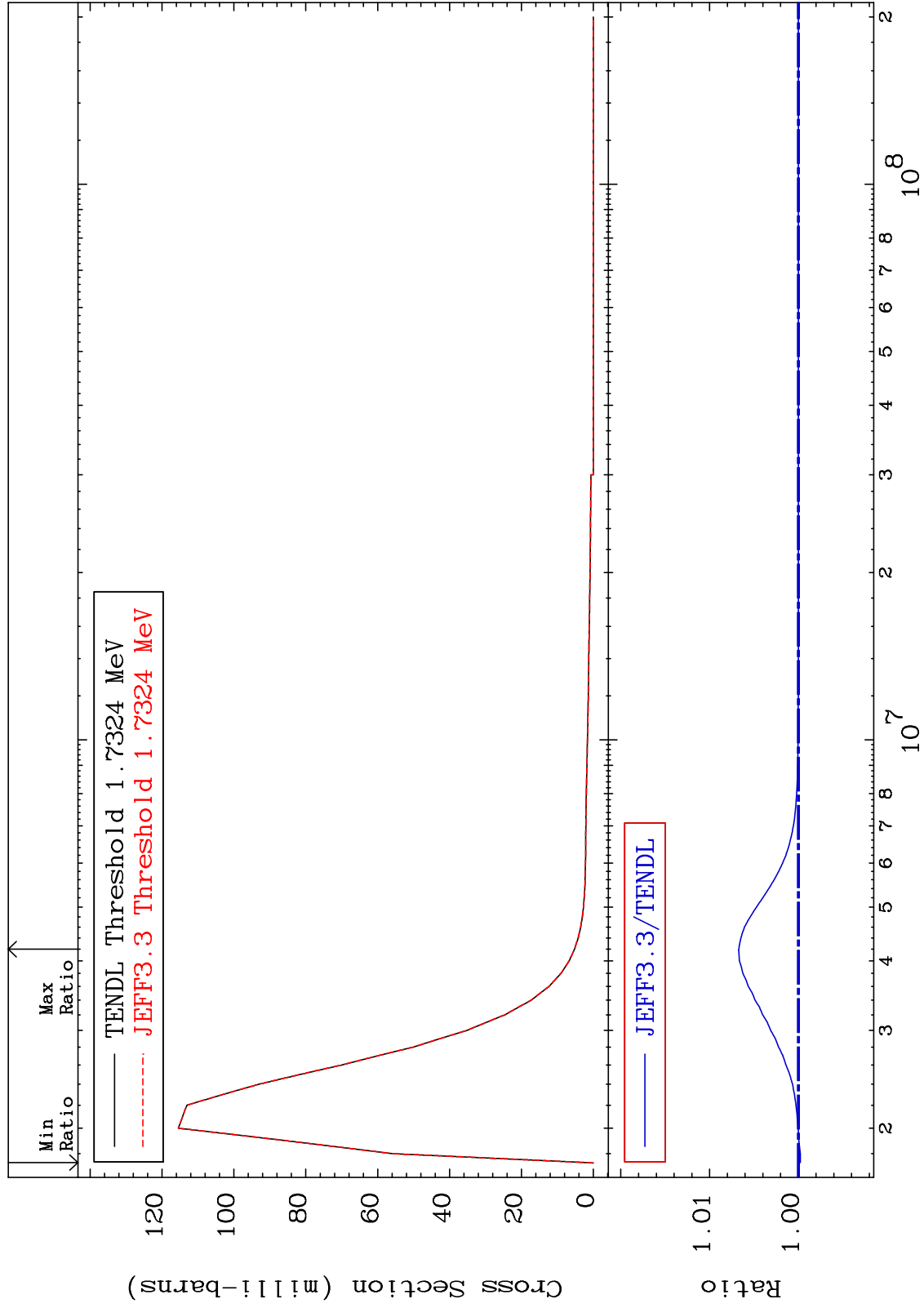
46-Pd-110
0.000 To 8.277 %



MAT 4649

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

46-Pd-110
-0.023 To 0.672 %



30

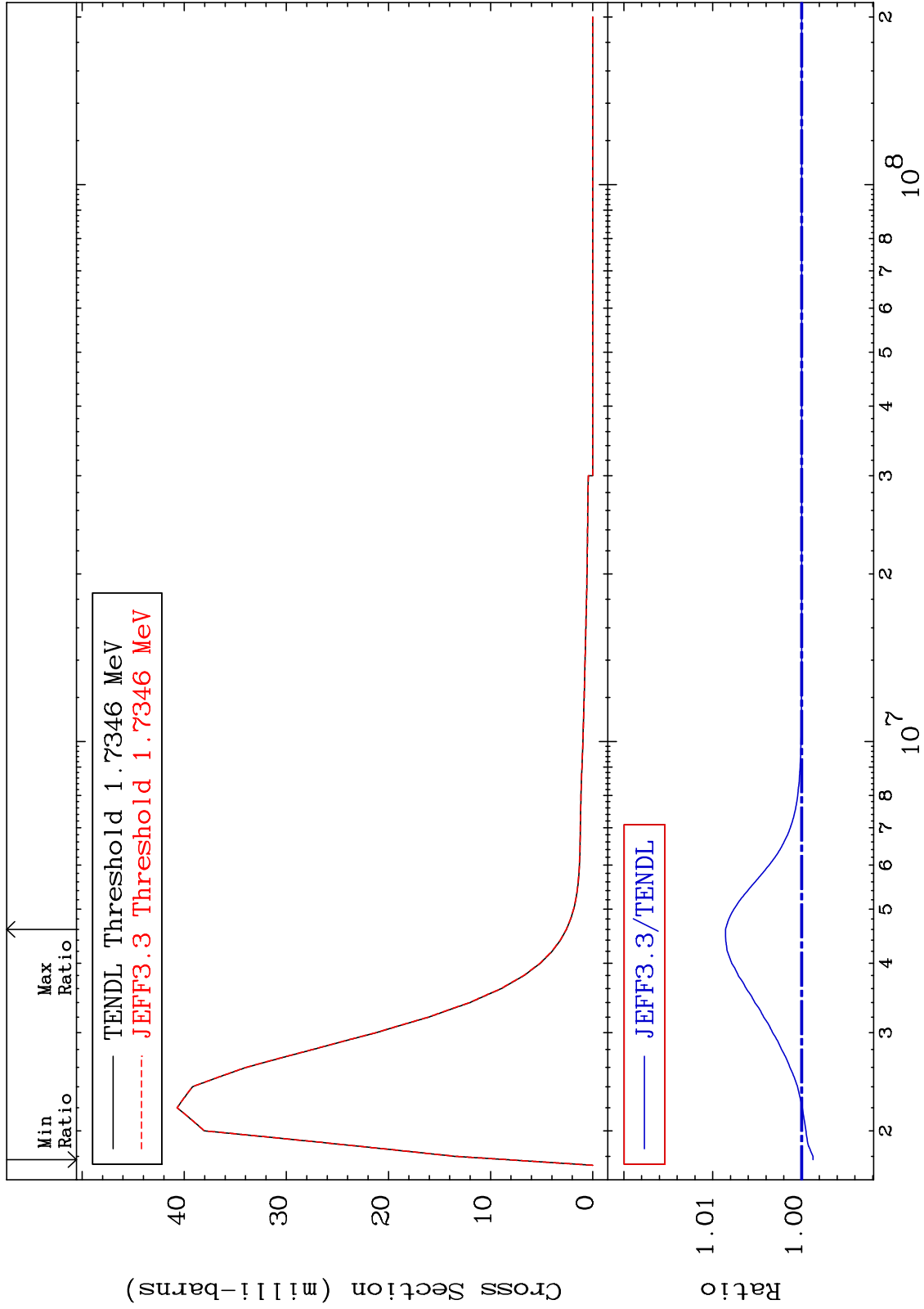
Incident Energy (eV)

46-Pd-110

MAT 4649

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

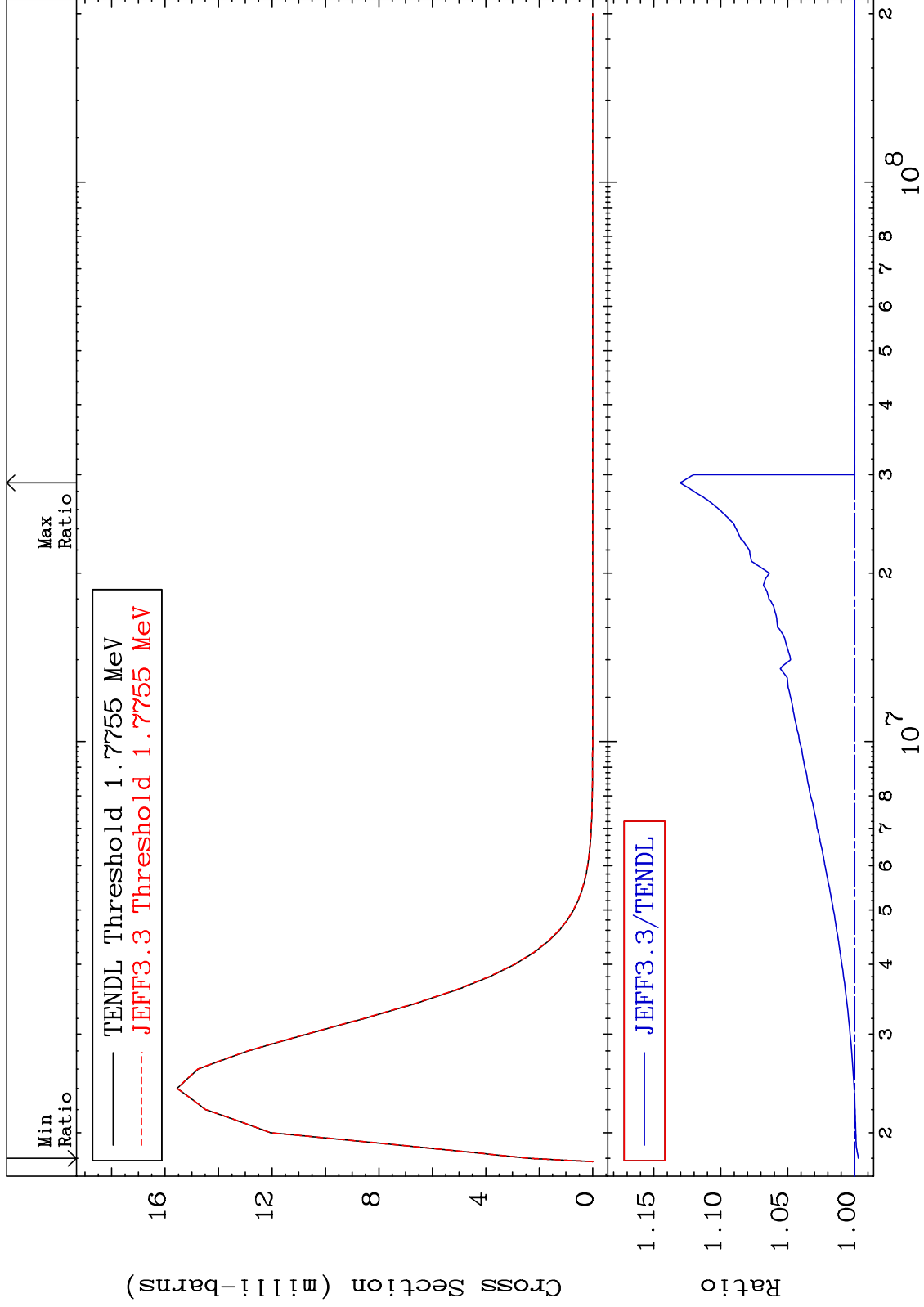
46-Pd-110
-0.128 To 0.856 %



MAT 4649

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

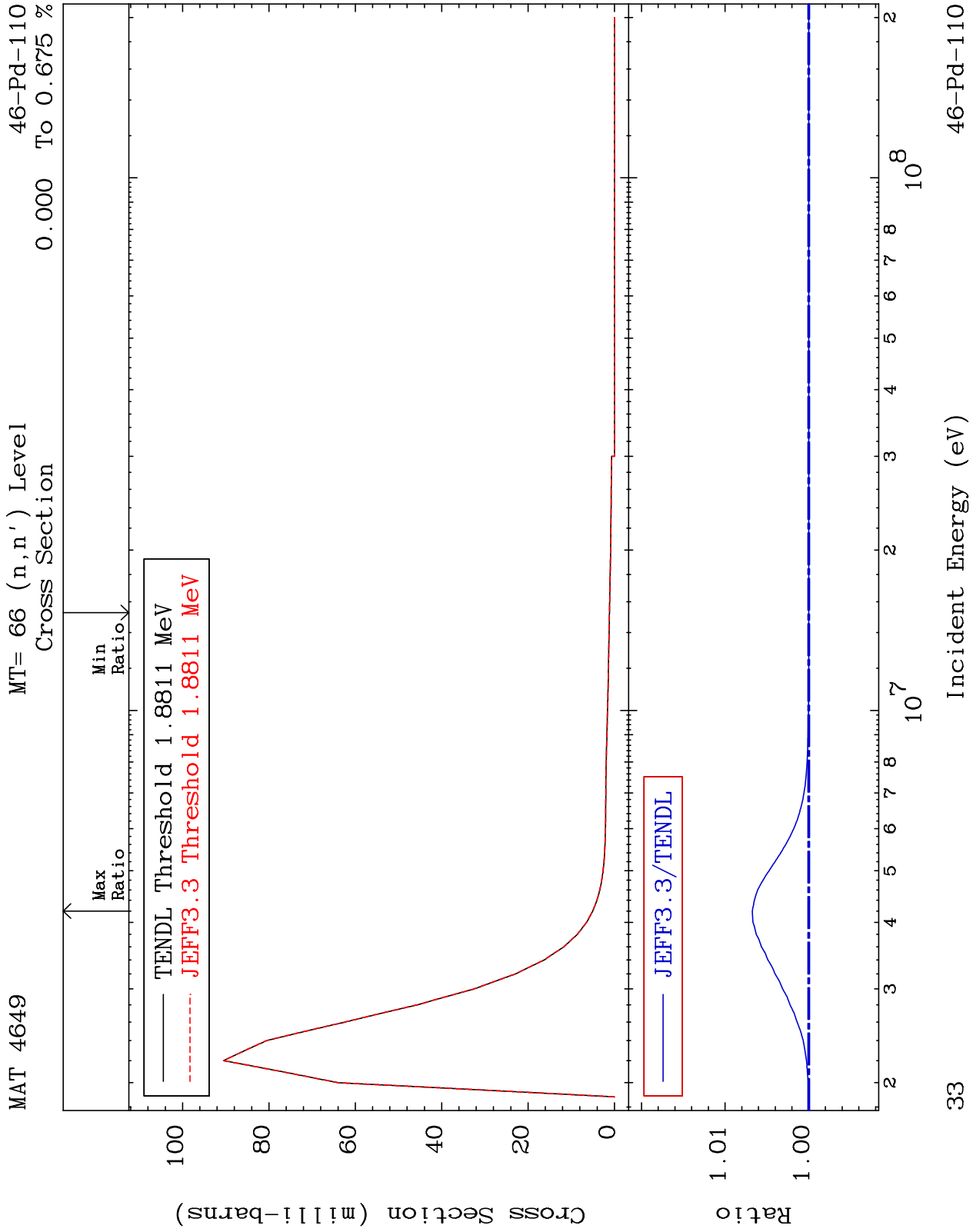
46-Pd-110
-0.288 To 13.05 %

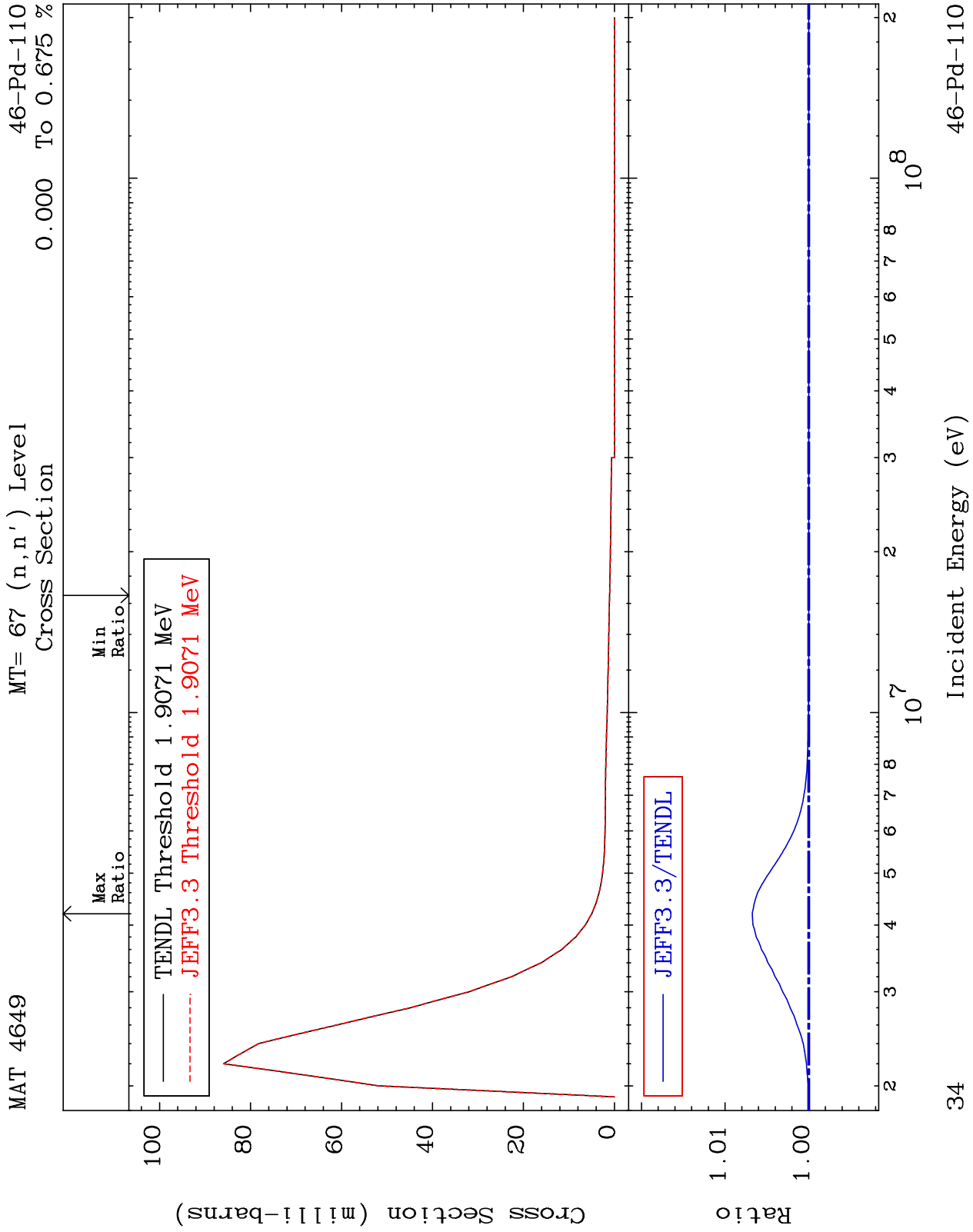


32

Incident Energy (eV)

46-Pd-110

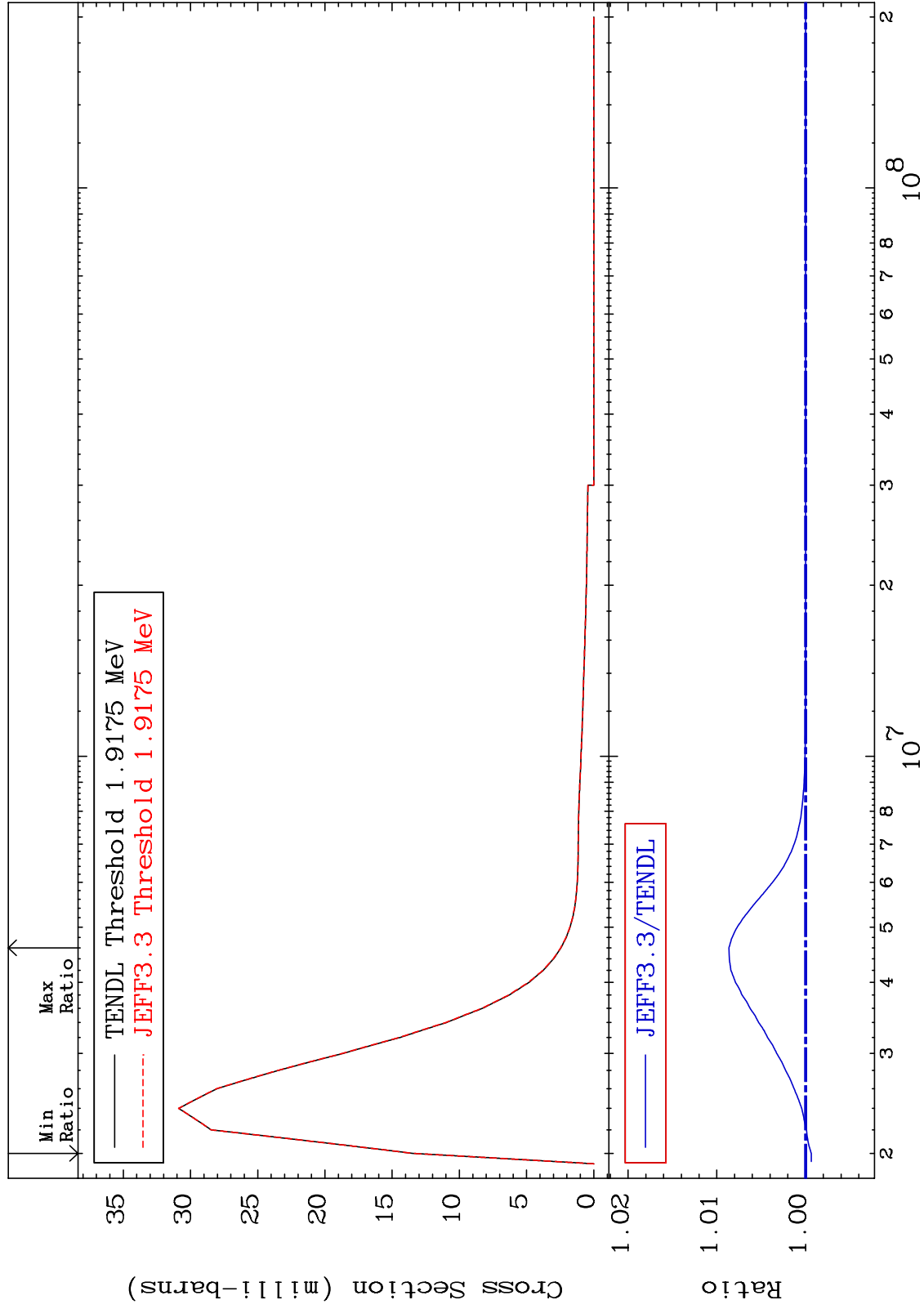


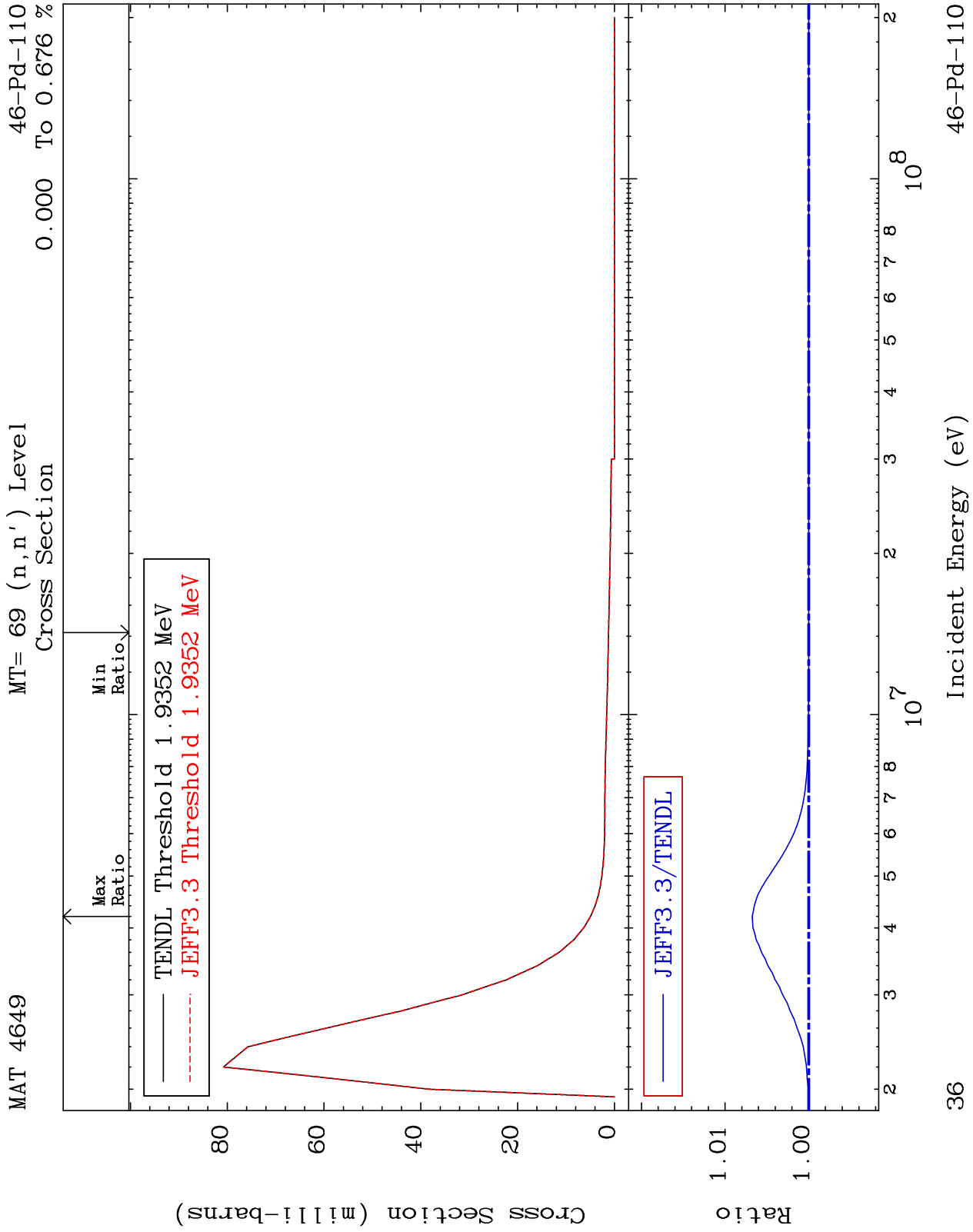


MAT 4649

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

46-Pd-110
-0.066 To 0.864 %

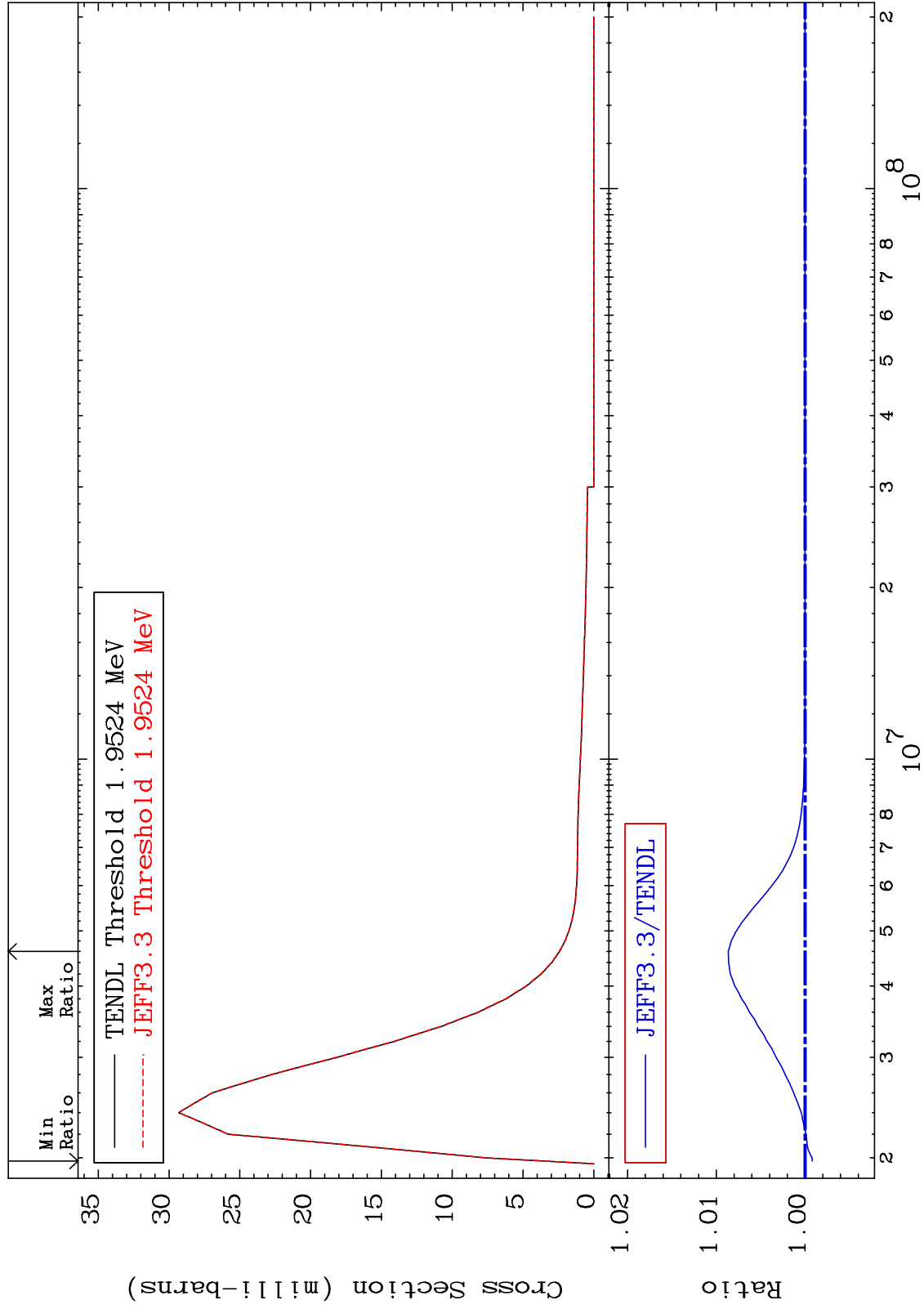




MAT 4649

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

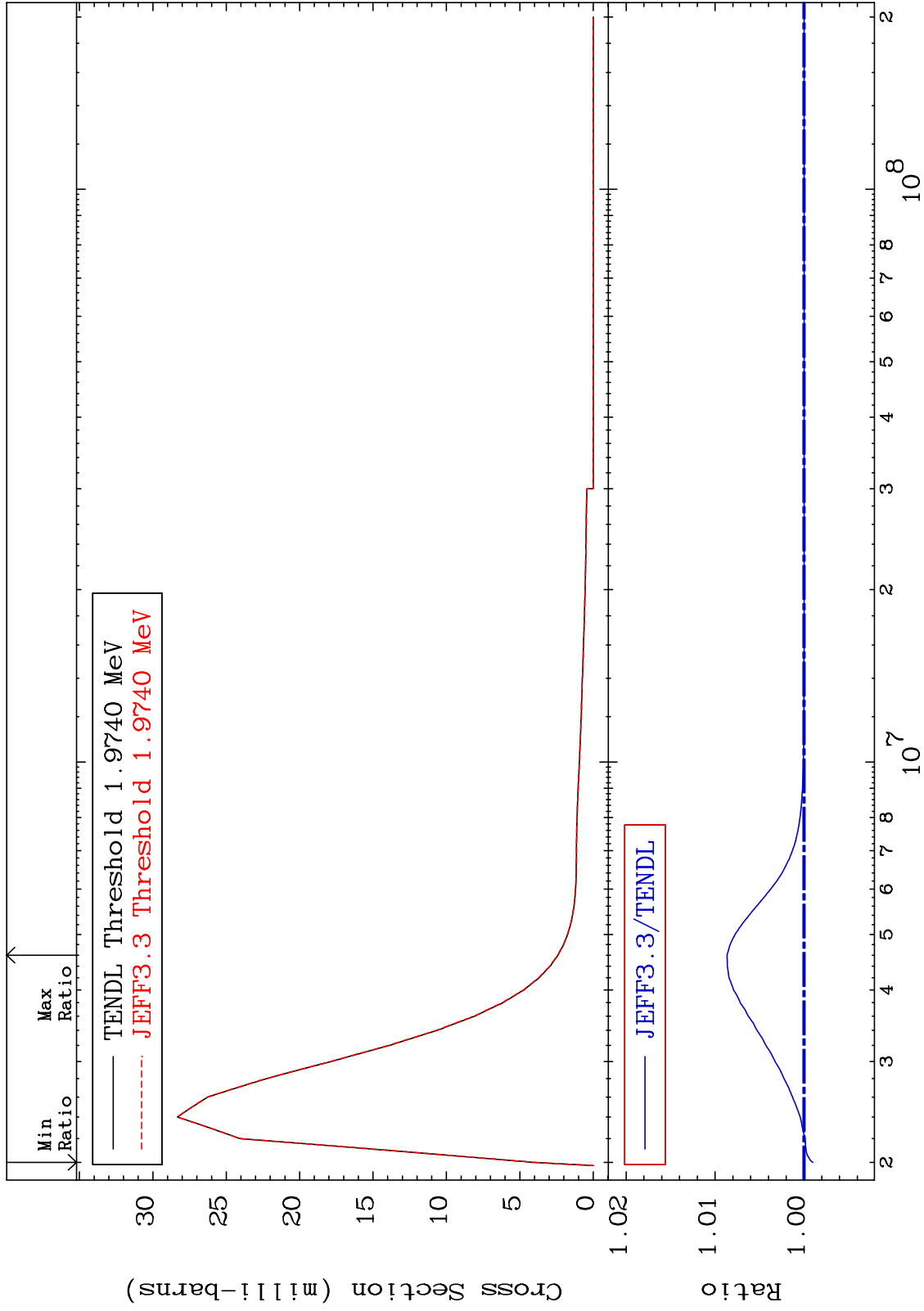
46-Pd-110
-0.079 To 0.865 %



MAT 4649

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

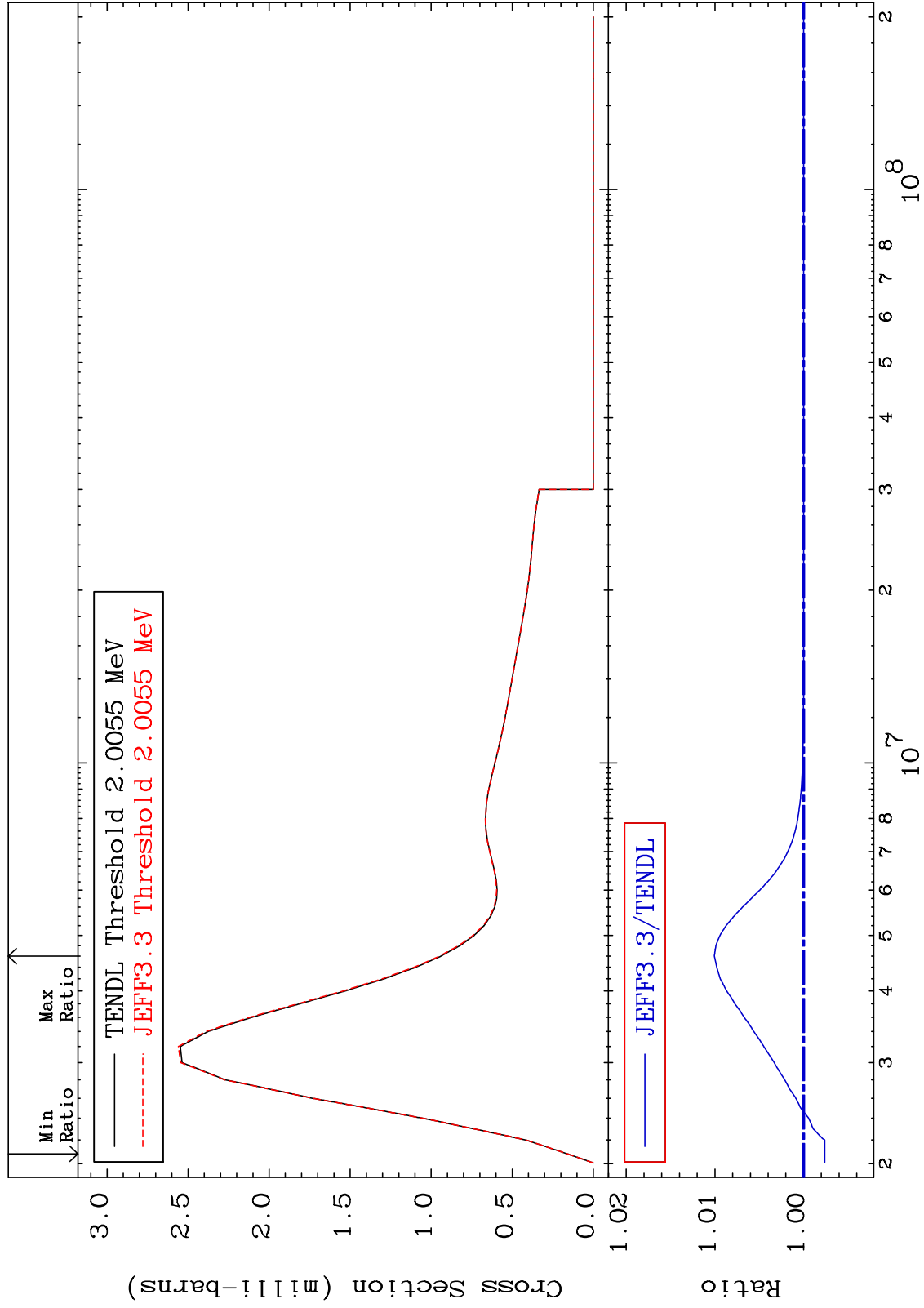
46-Pd-110
-0.099 To 0.866 %



MAT 4649

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

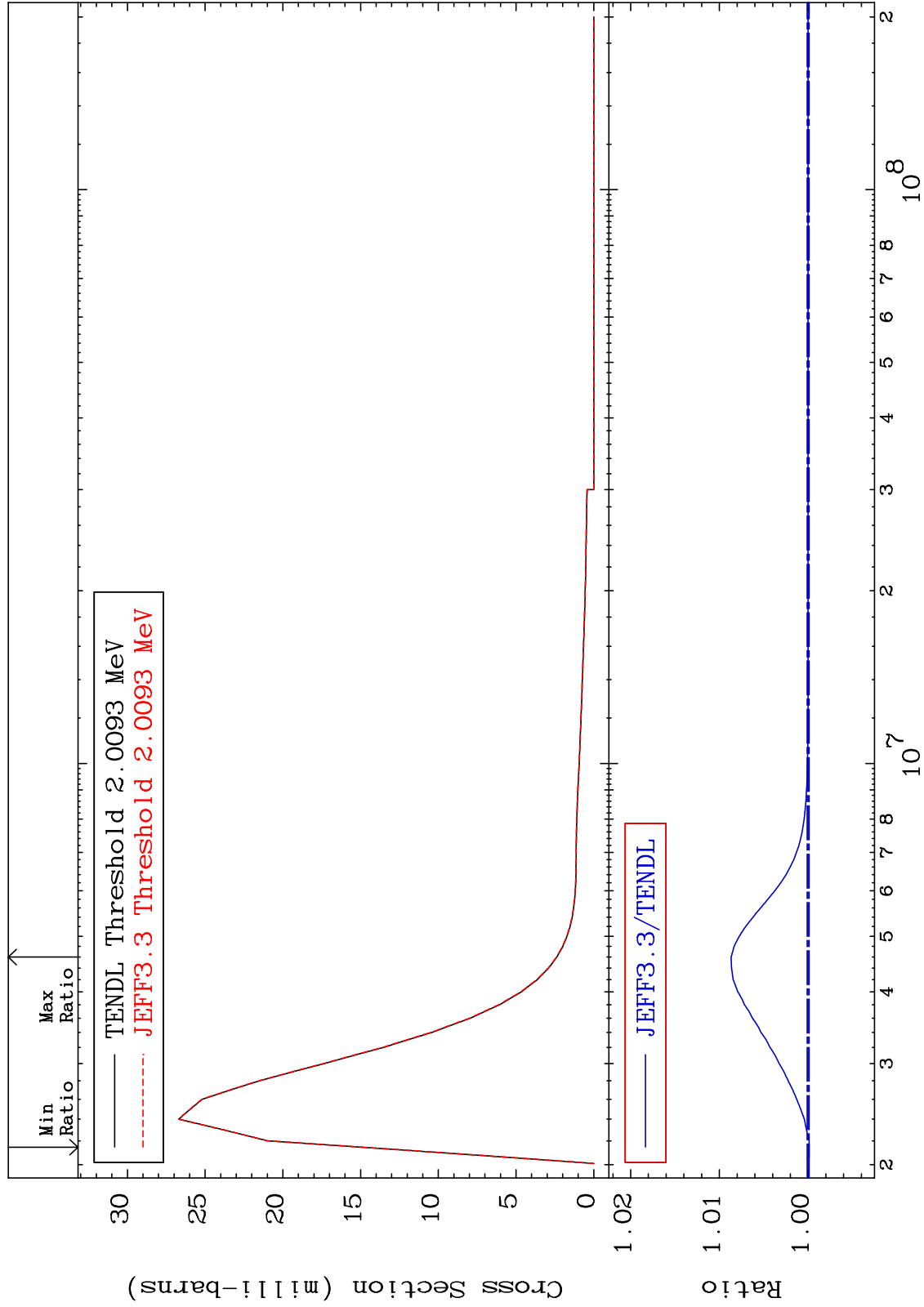
46-Pd-110
-0.238 To 1.007 %



MAT 4649

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

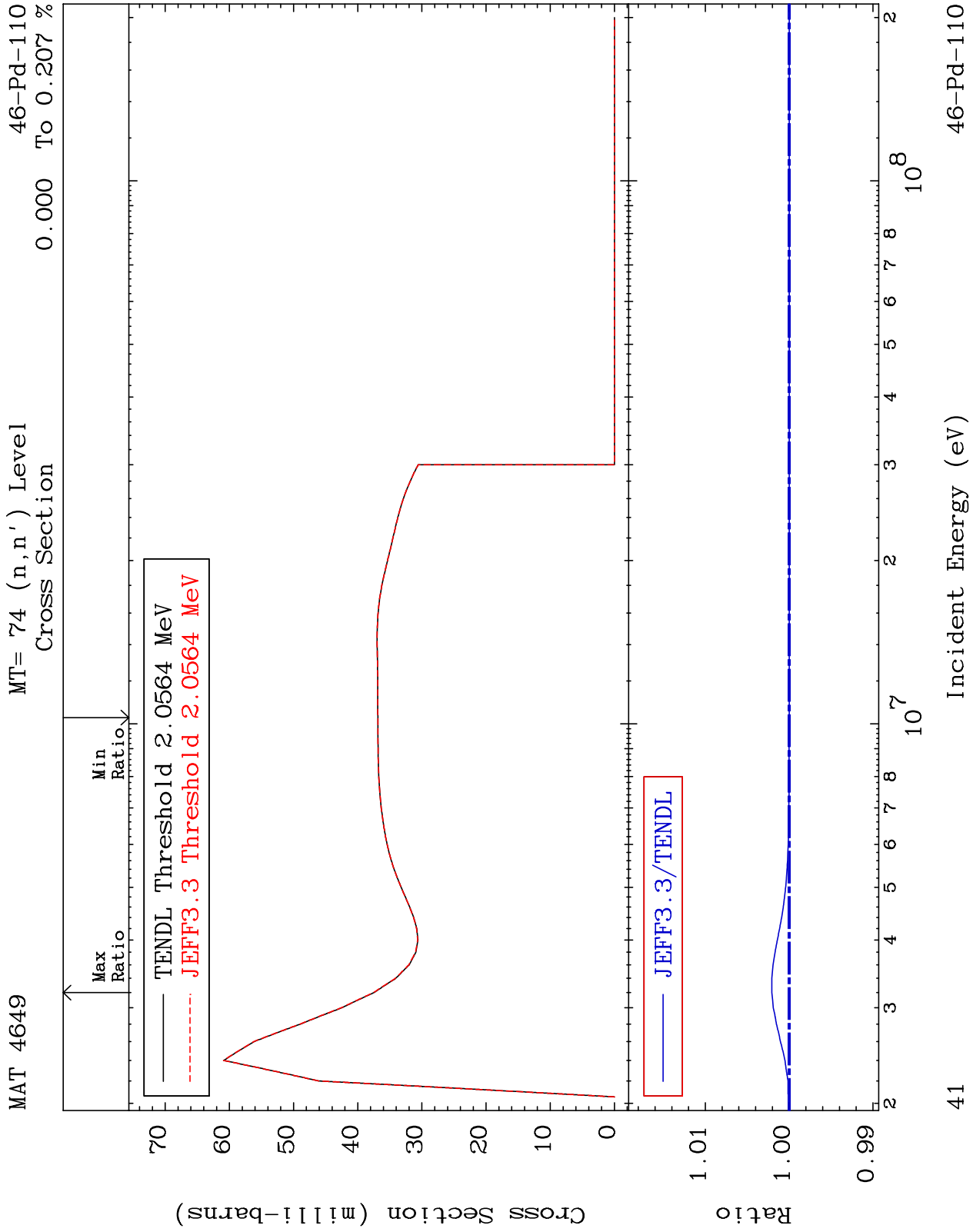
46-Pd-110
-0.012 To 0.867 %

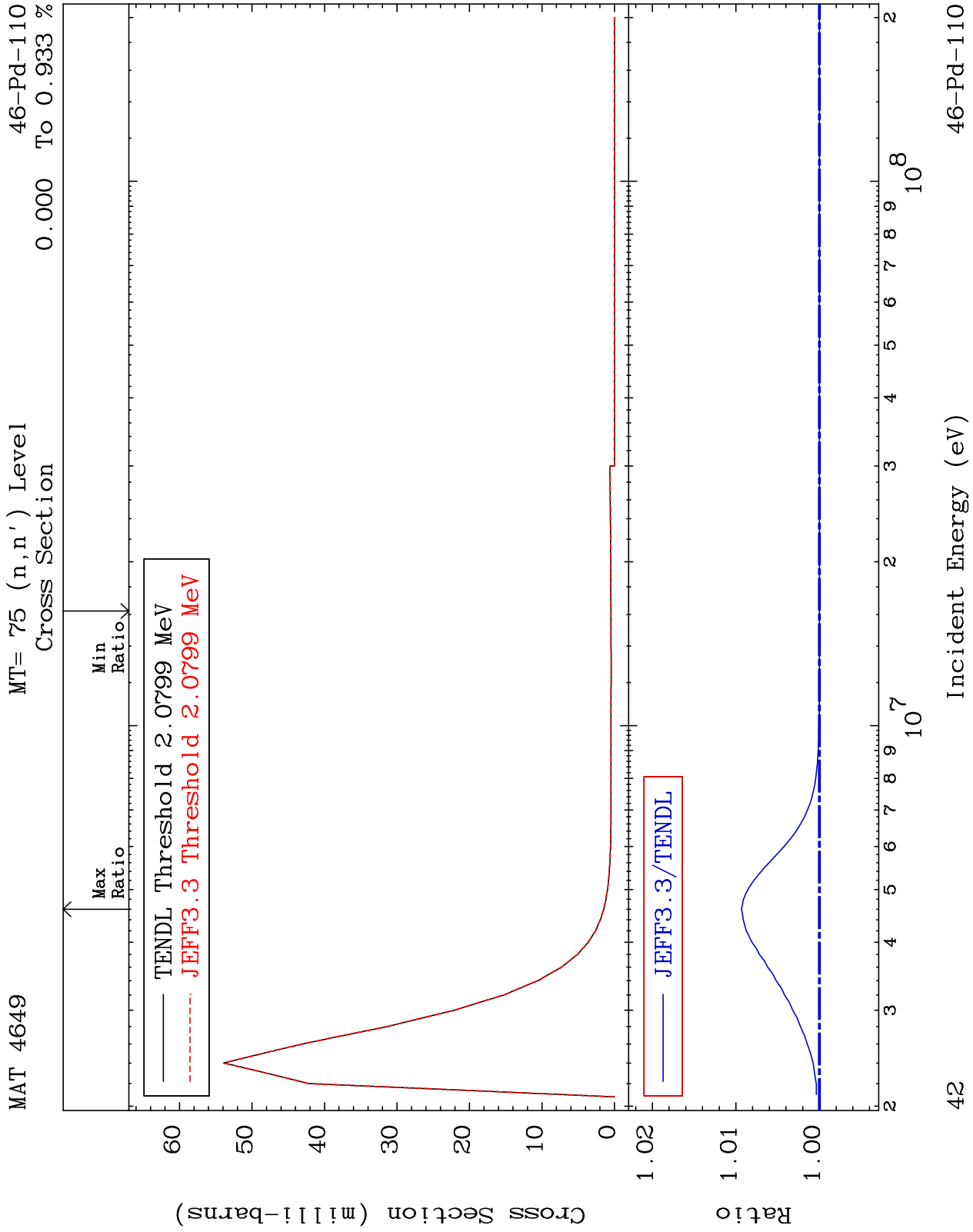


40

Incident Energy (eV)

46-Pd-110

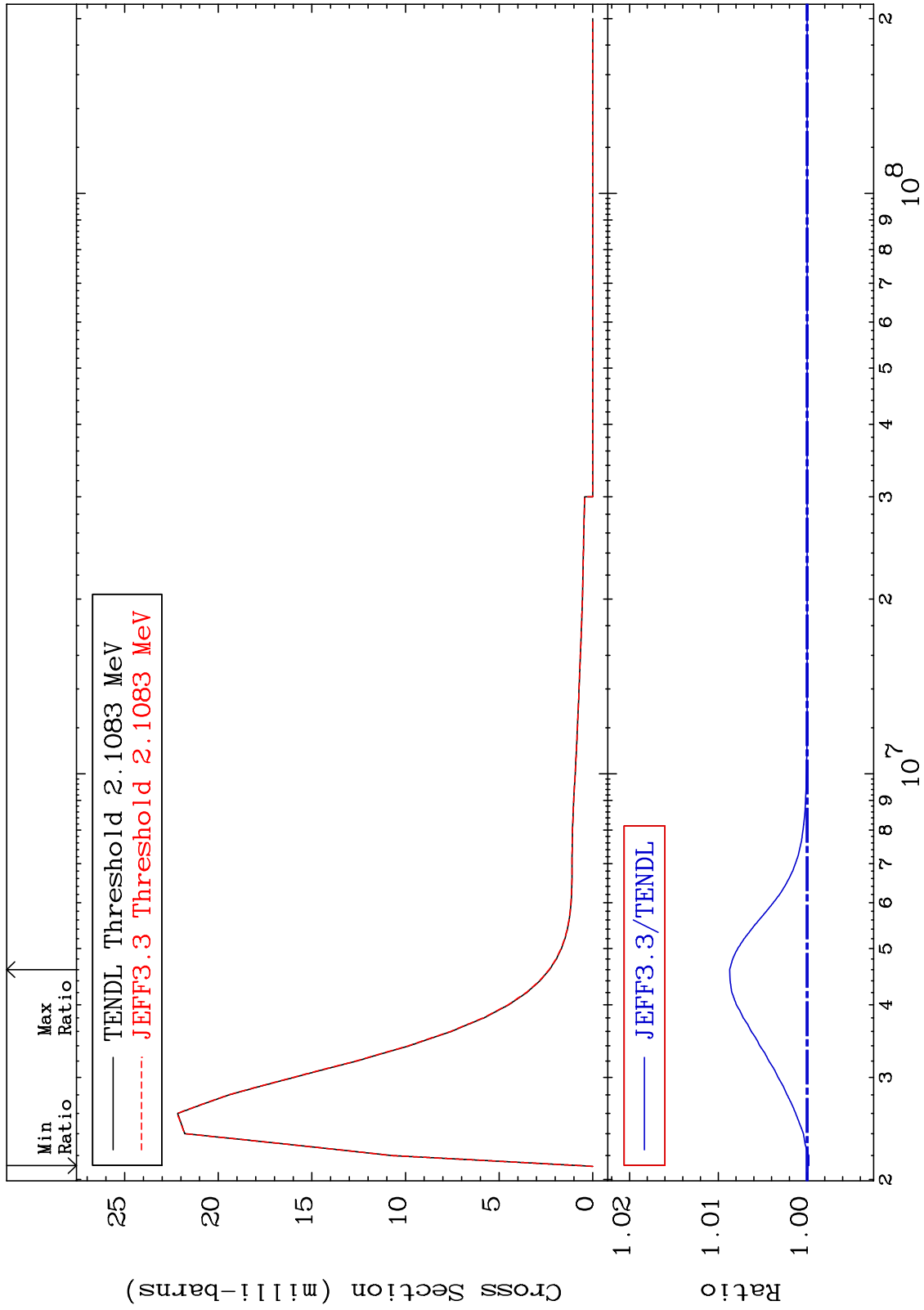


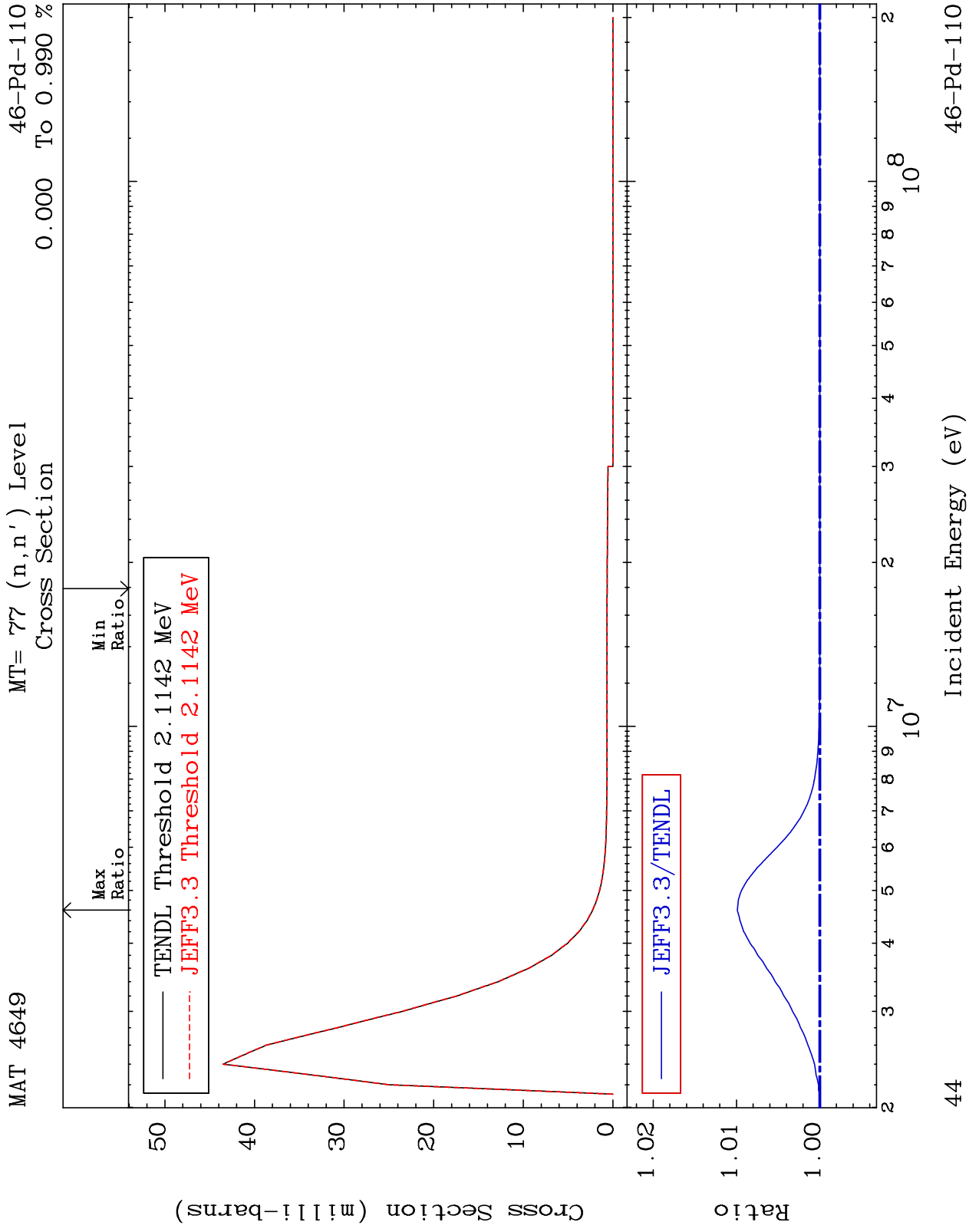


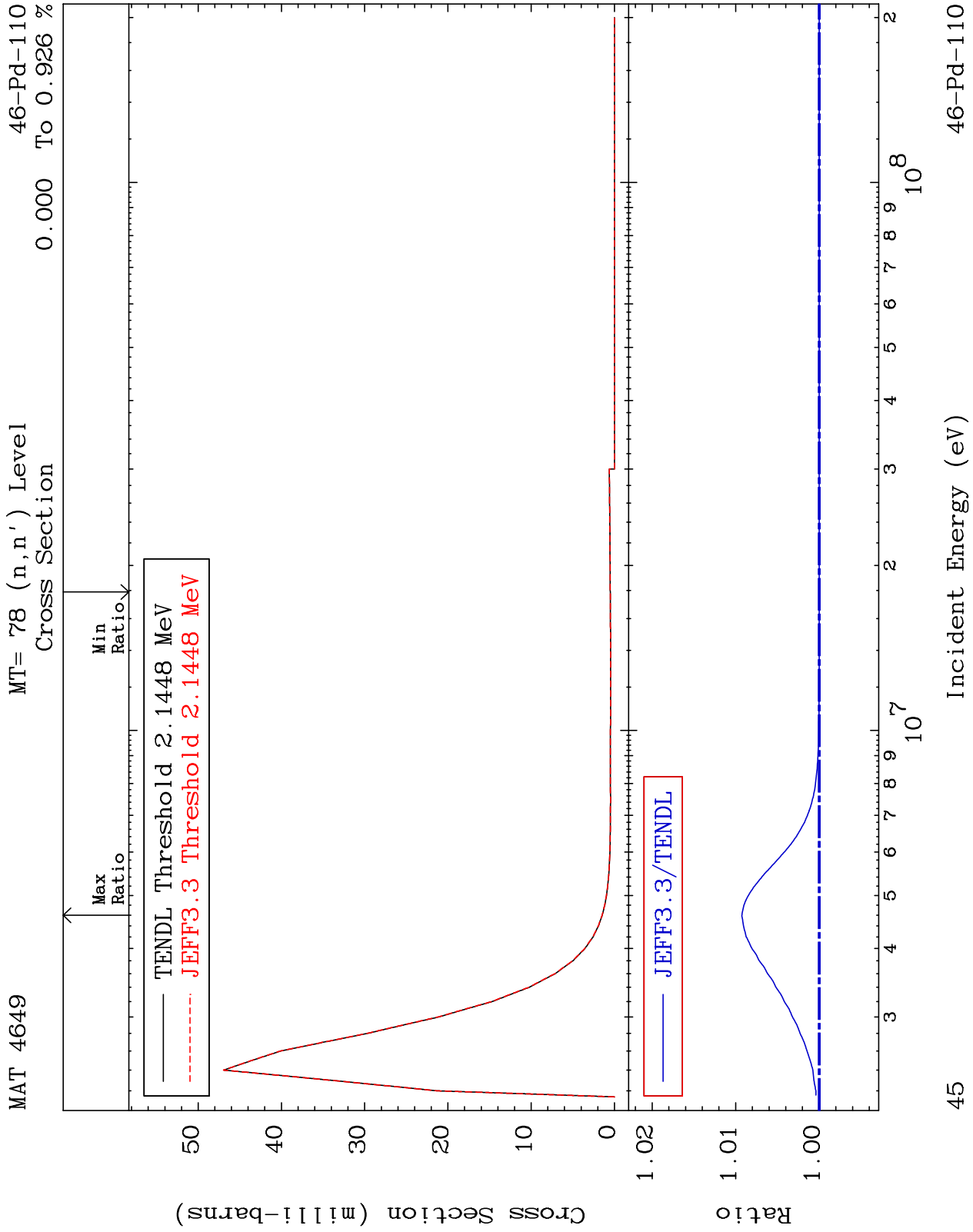
MAT 4649

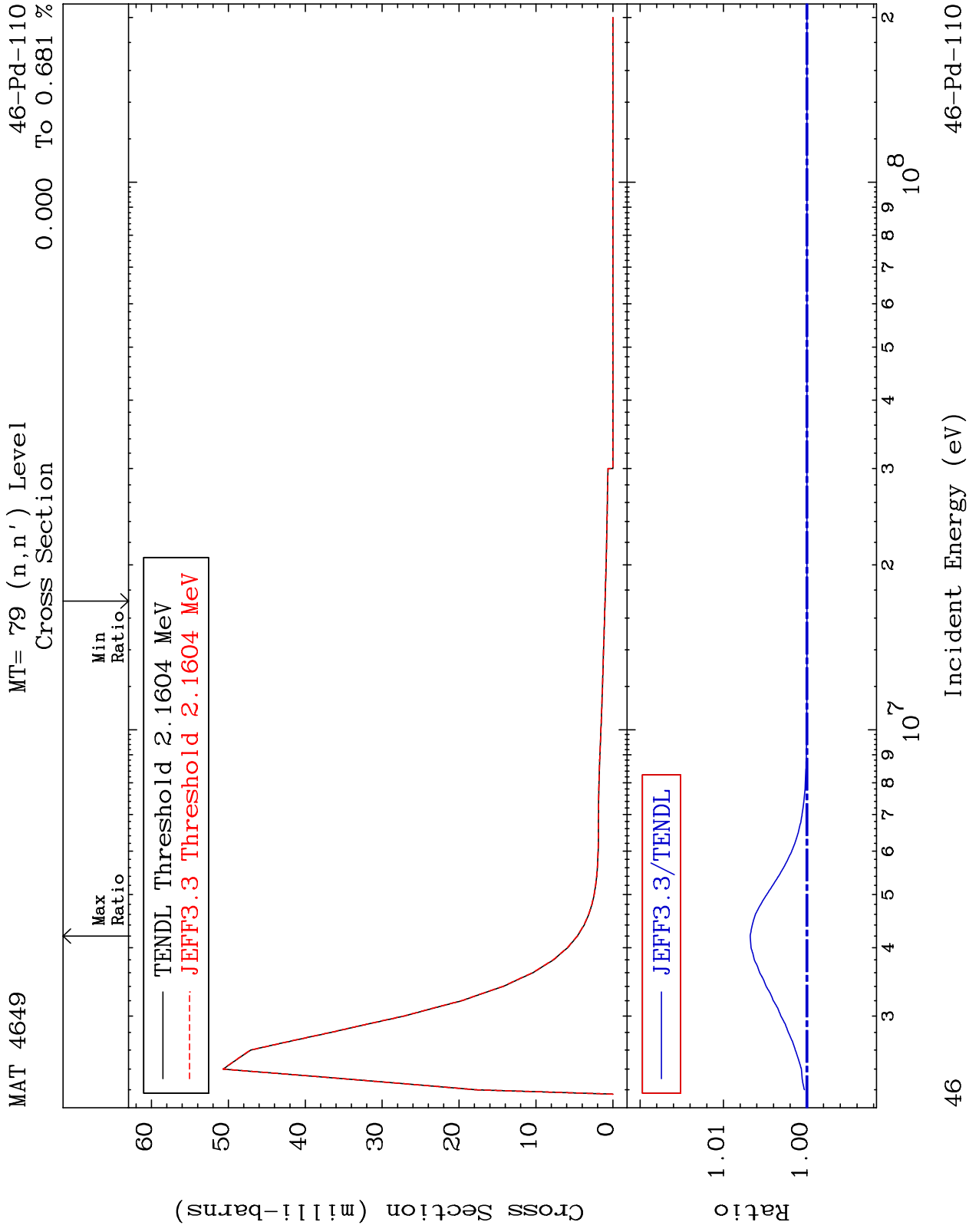
MT= 76 (n,n') Level
Cross Section

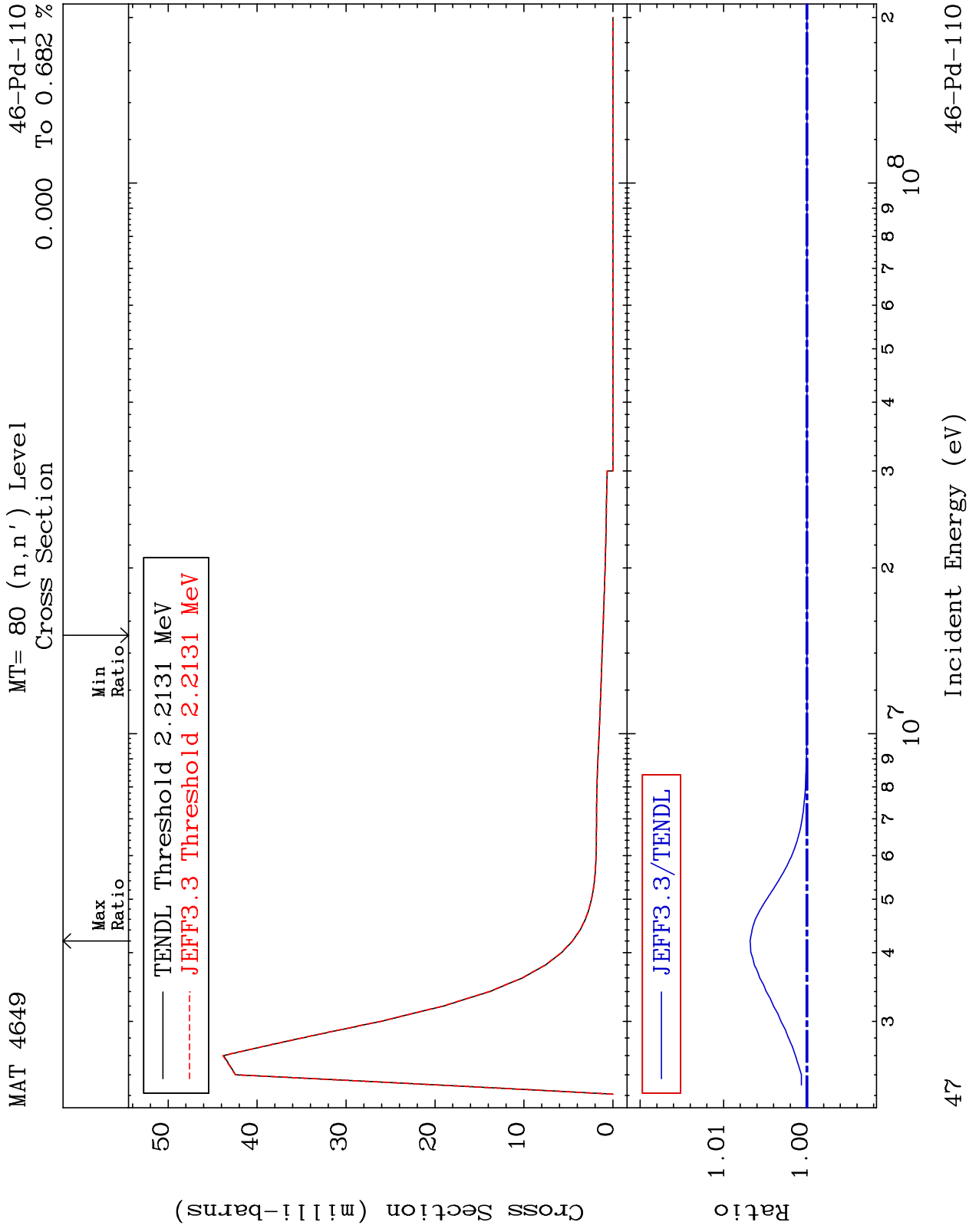
46-Pd-110
-0.019 To 0.872 %







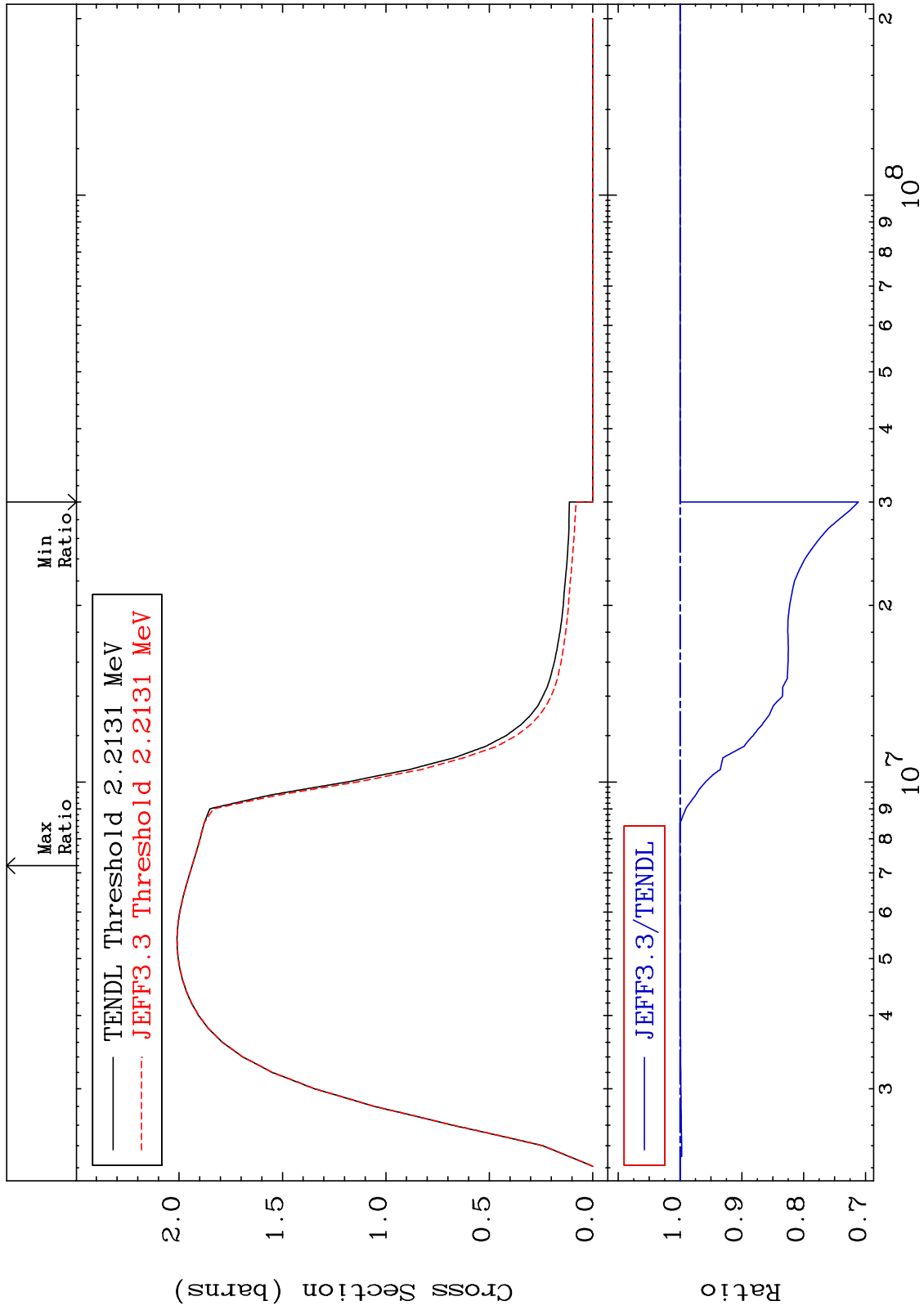




MAT 4649

(n, n') Continuum
Cross Section

46-Pd-110
-28.86 To 0.012 %



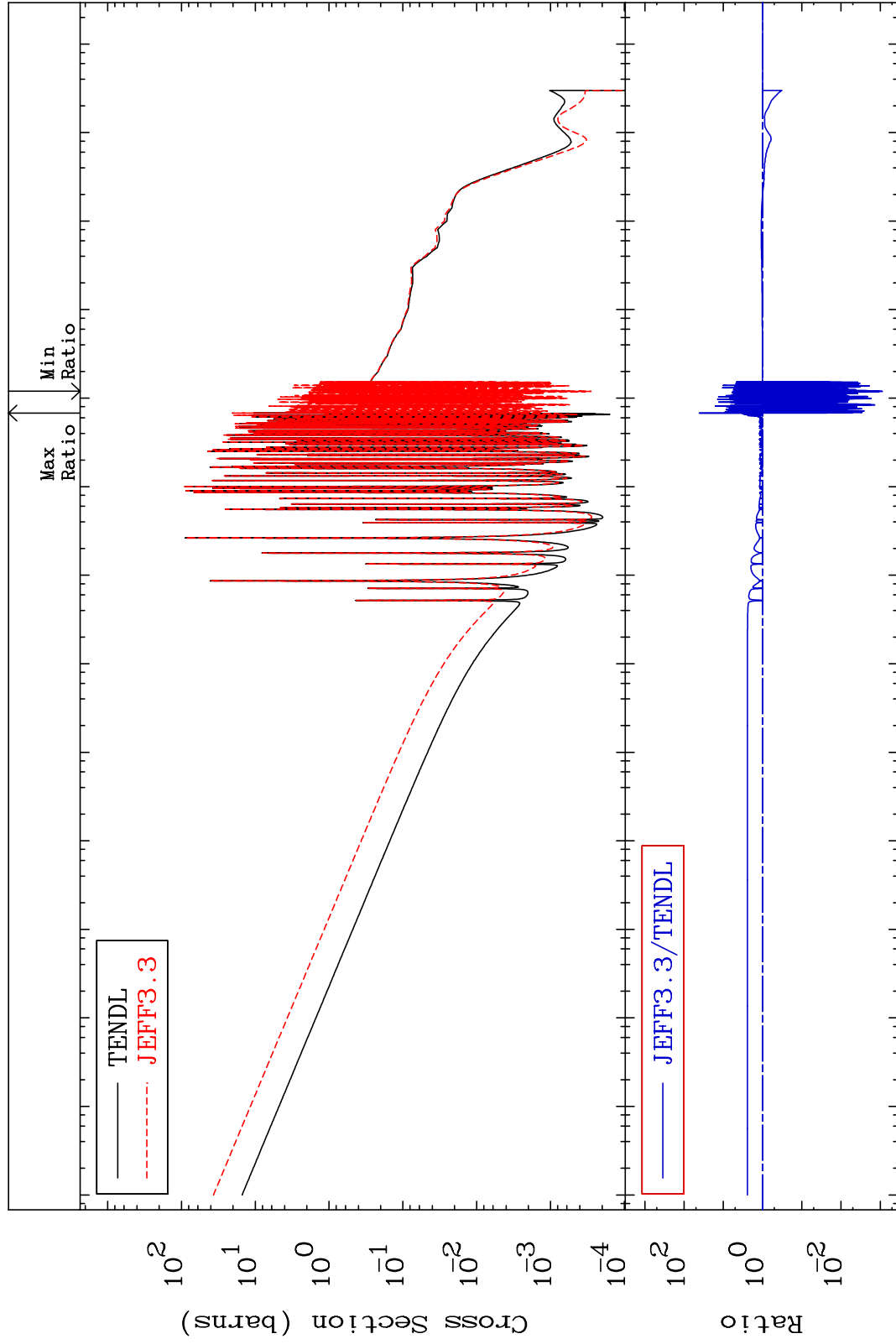
MAT 4649

(n, γ)

46-Pd-110

Cross Section

-99.91 To 3979. %



49

Incident Energy (eV)

46-Pd-110

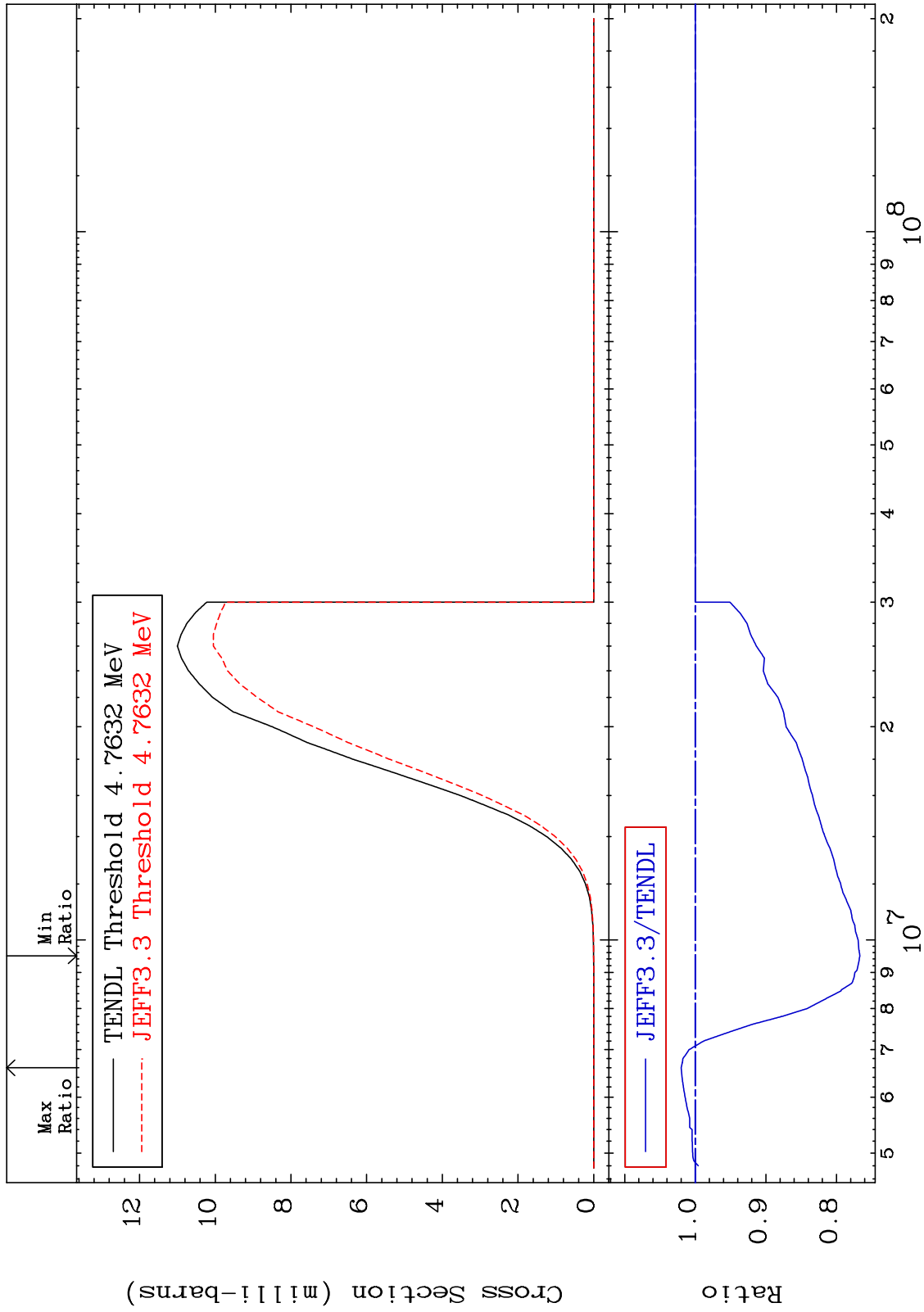
MAT 4649

(n,p)

46-Pd-110

Cross Section

-23.31 To 1.994 %



46-Pd-110

Incident Energy (eV)

50

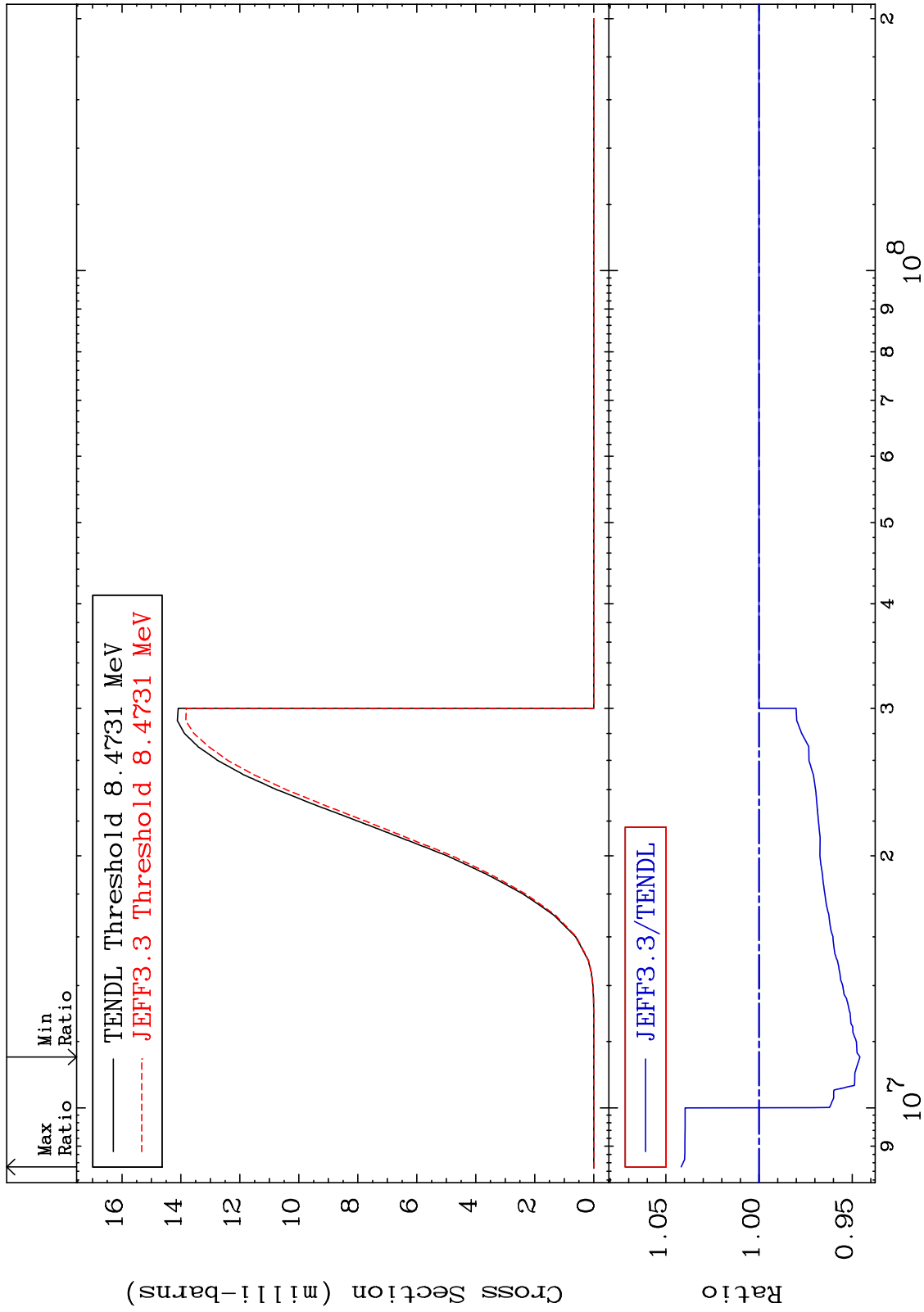
MAT 4649

(n,d)

46-Pd-110

Cross Section

-5.418 To 4.178 %



51

Incident Energy (eV)

46-Pd-110

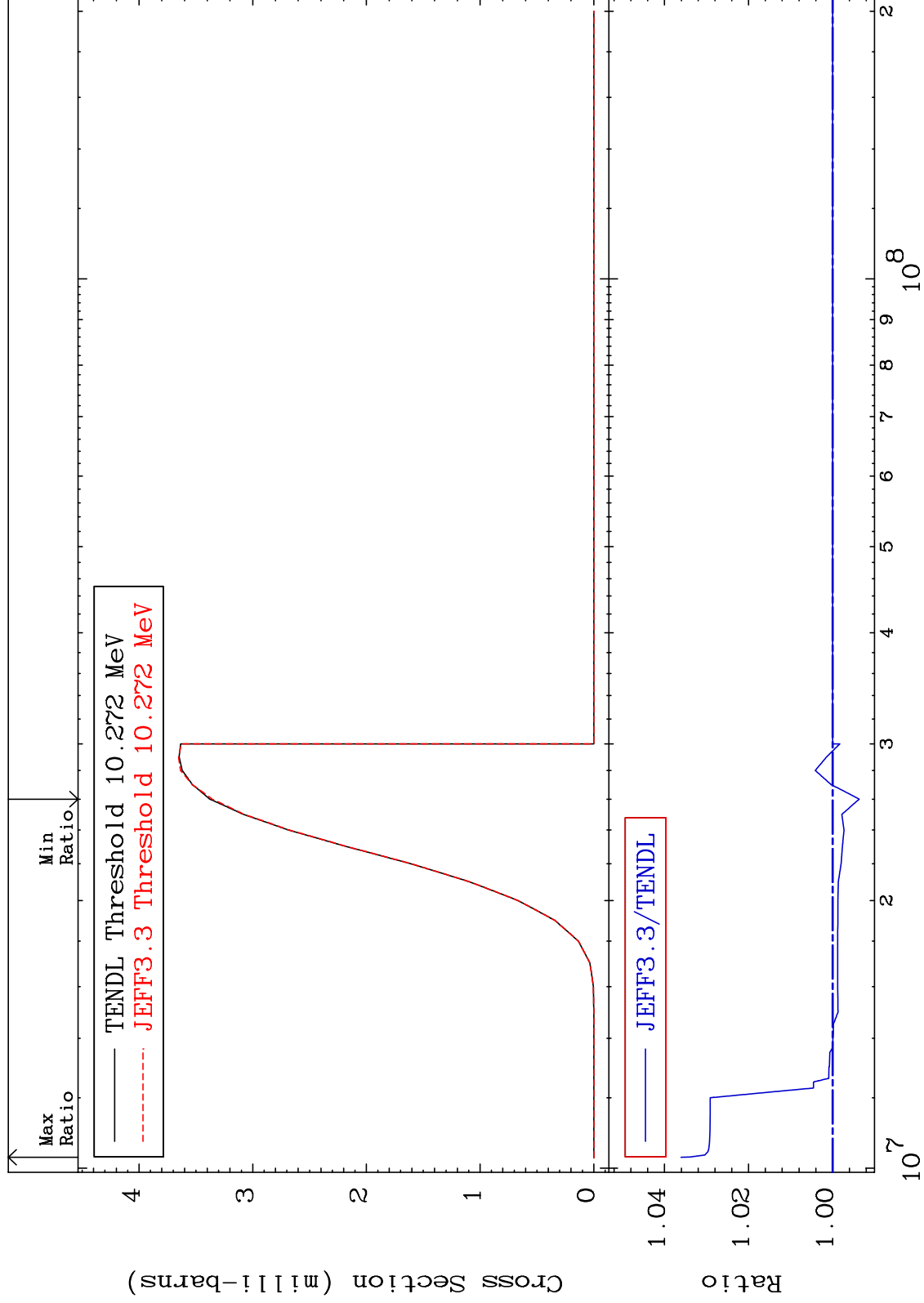
MAT 4649

(n, t)

46-Pd-110

Cross Section

-0.634 To 3.607 %



52

Incident Energy (eV)

46-Pd-110

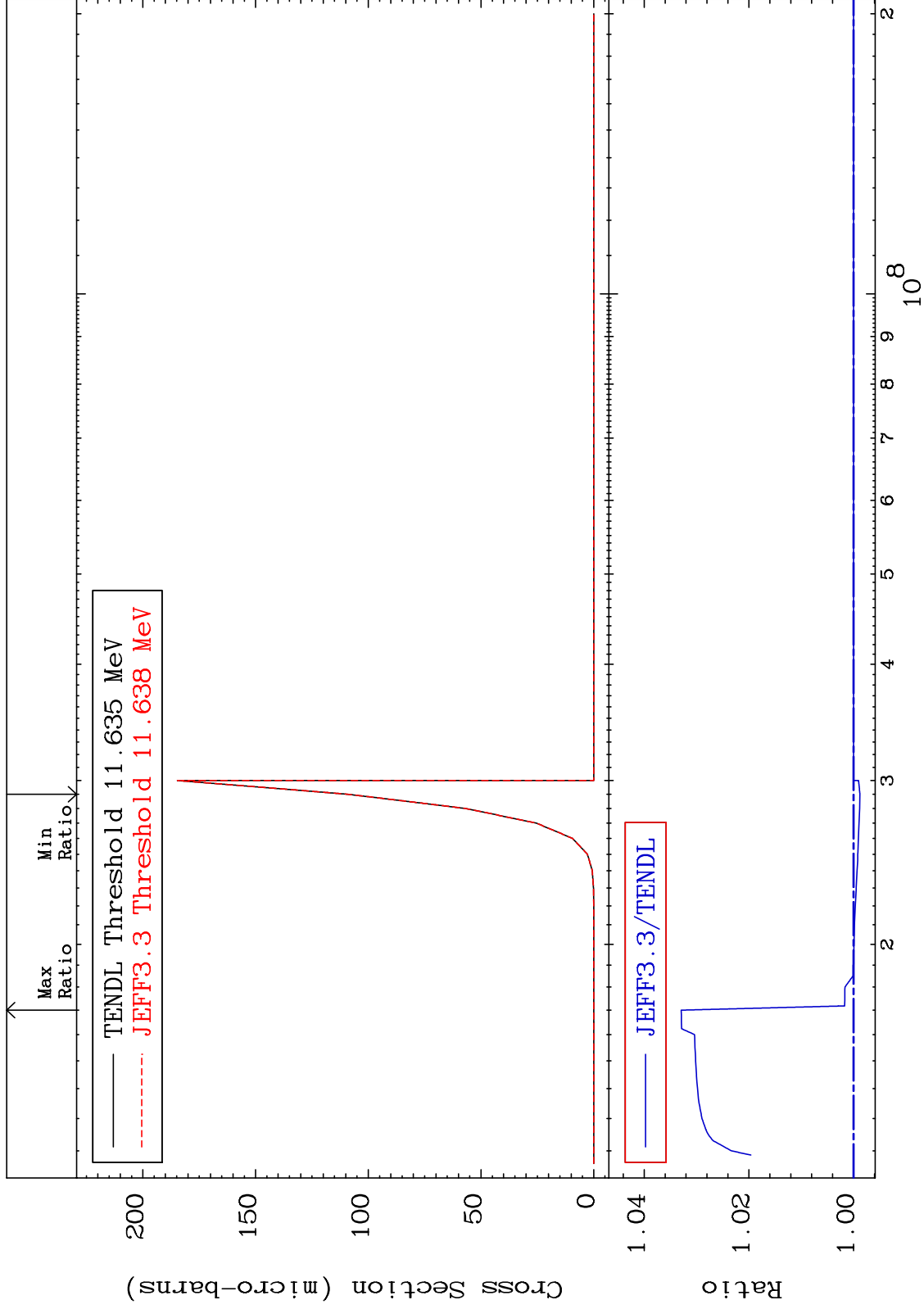
MAT 4649

(n, He-3)

46-Pd-110

Cross Section

-0.122 To 3.293 %



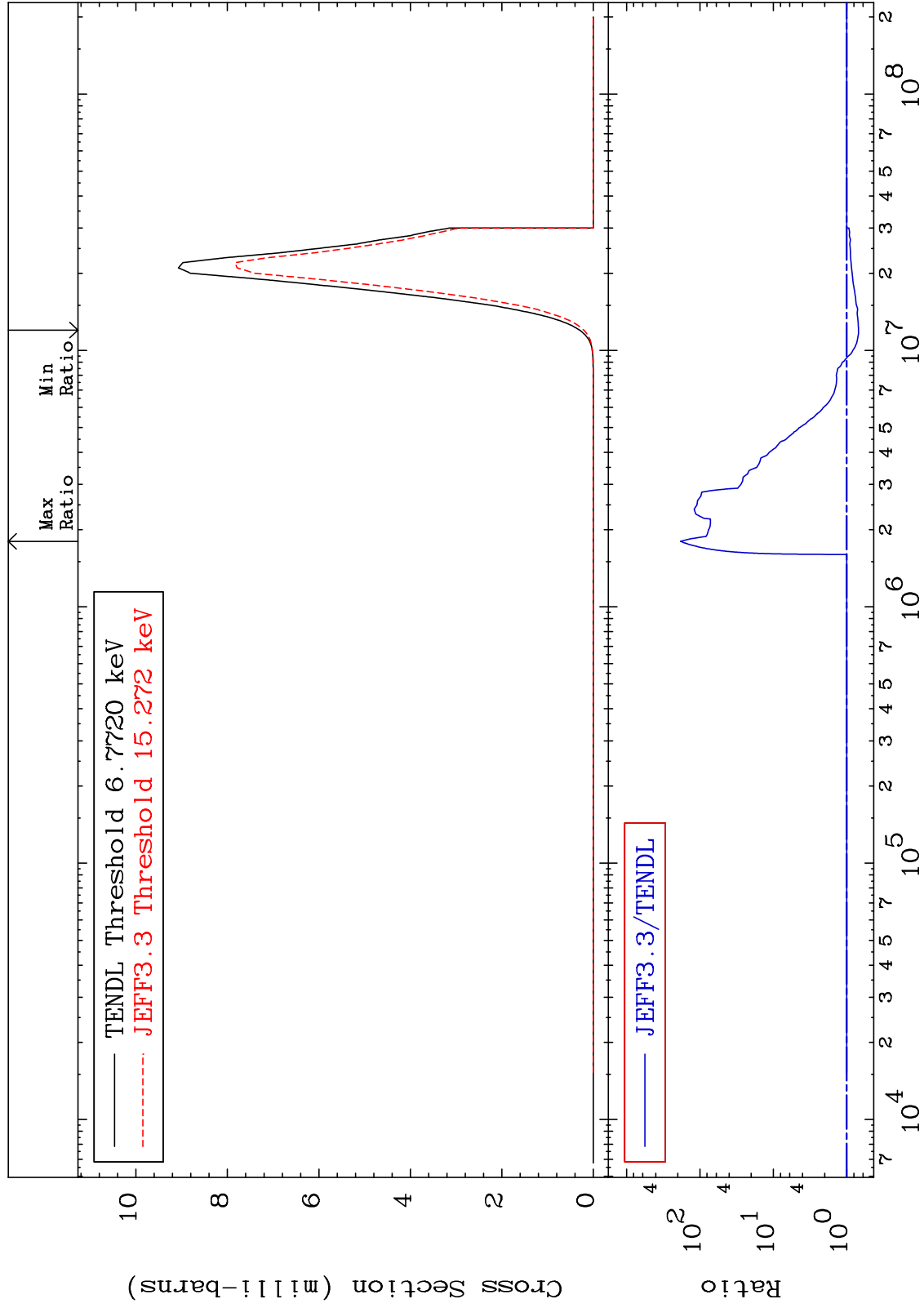
MAT 4649

(n, α)

46-Pd-110

-30.94 To 9999. %

Cross Section



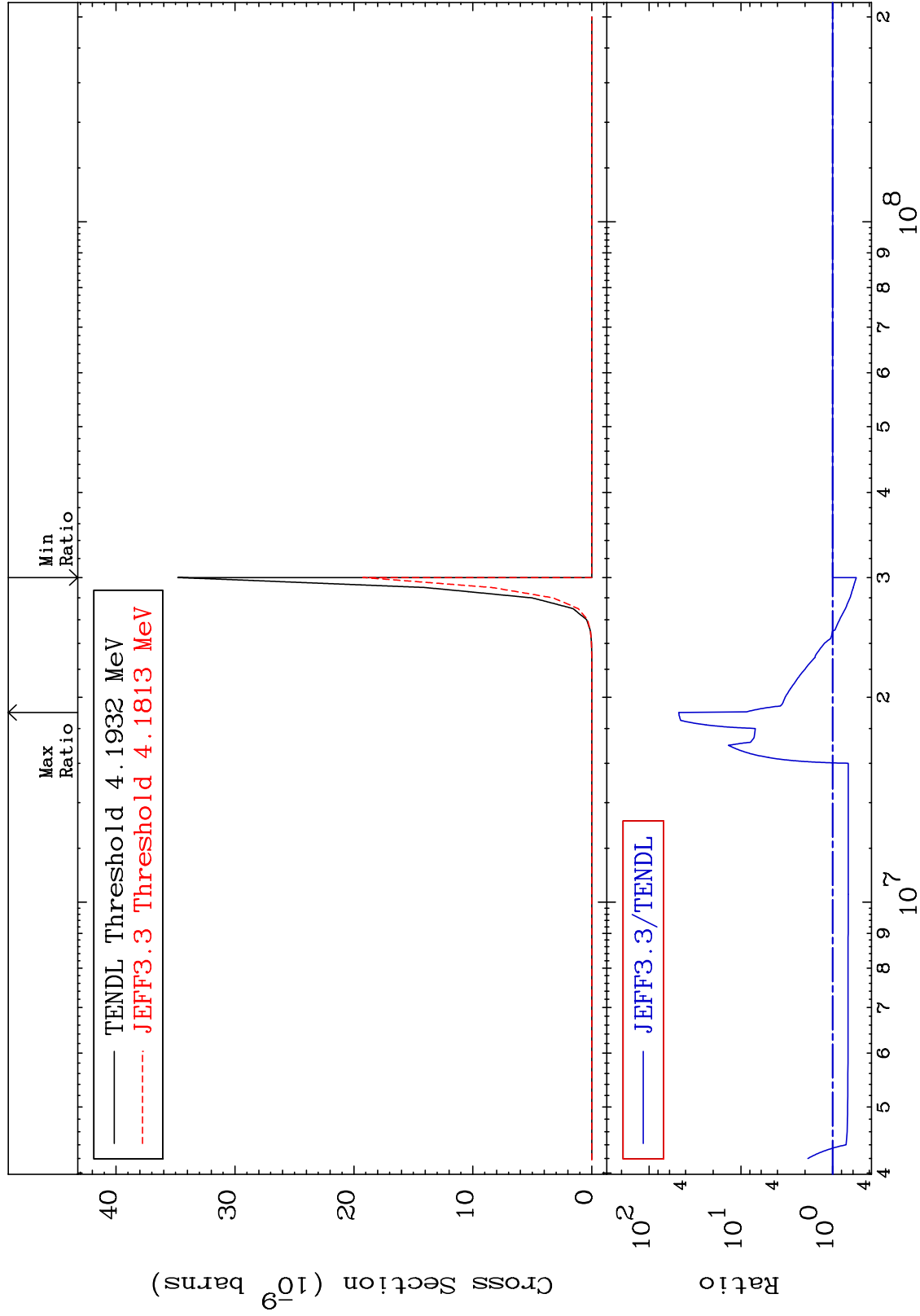
MAT 4649

(n, 2α)

46-Pd-110

-44.73 To 4656. %

Cross Section



55

46-Pd-110

46-Pd-110

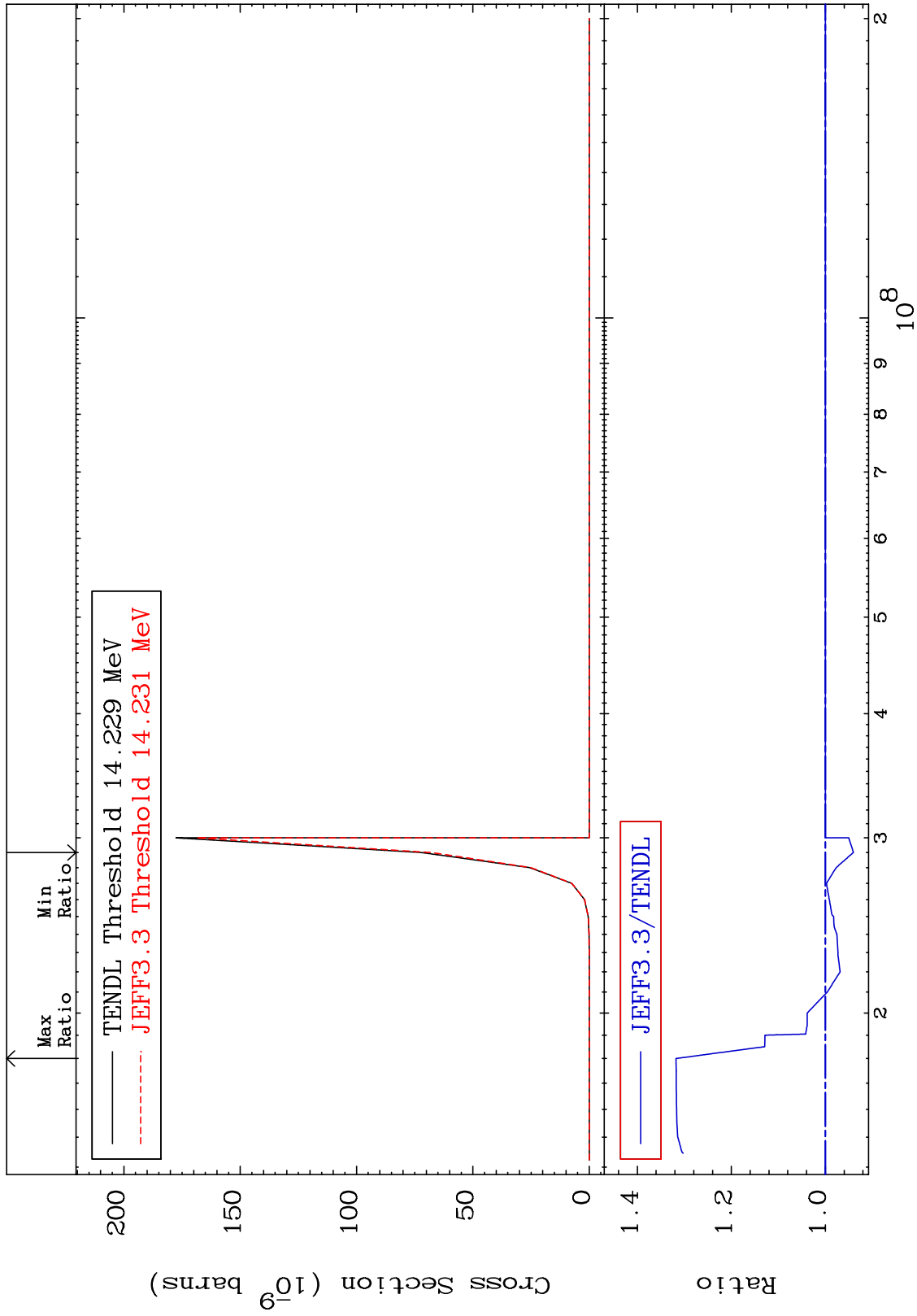
MAT 4649

(n,2p)

46-Pd-110

Cross Section

-5.965 To 31.76 %



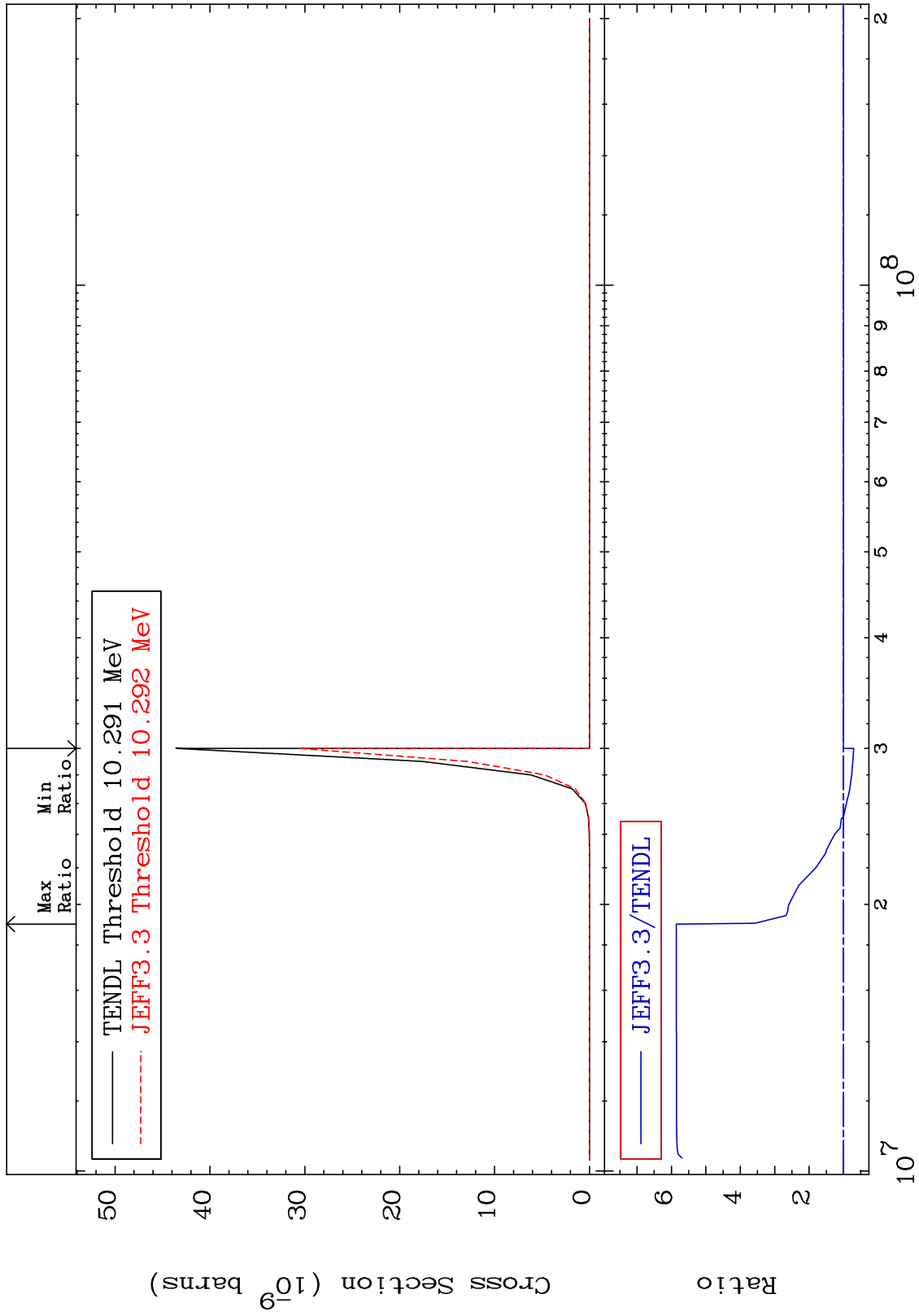
MAT 4649

(n,p) α

46-Pd-110

Cross Section

-29.72 To 485.8 %



Incident Energy (eV)

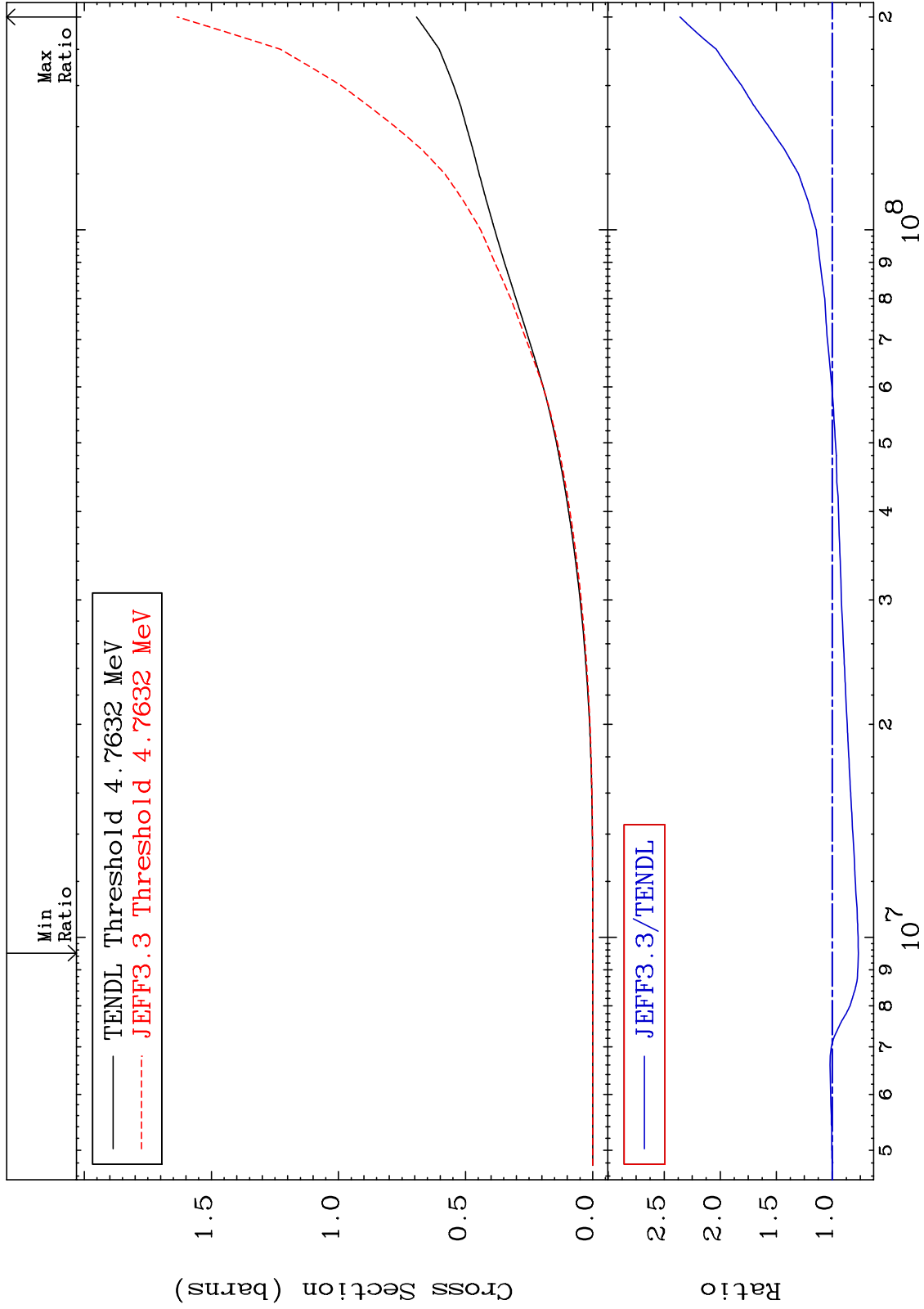
46-Pd-110

57

MAT 4649

Hydrogen Production
Cross Section

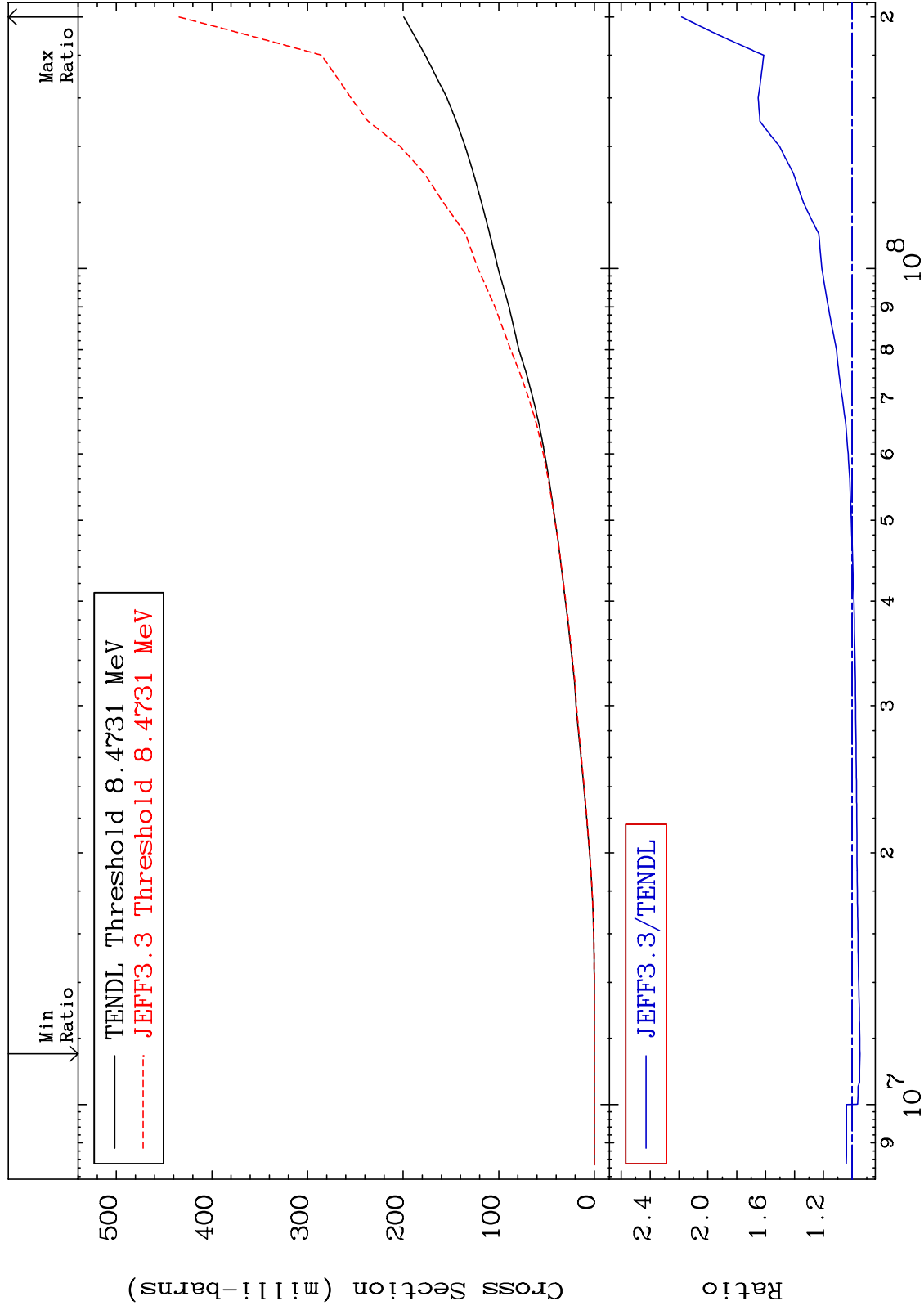
46-Pd-110
-23.31 To 135.9 %



MAT 4649

Deuterium Production
Cross Section

46-Pd-110
-5.418 To 118.1 %



59

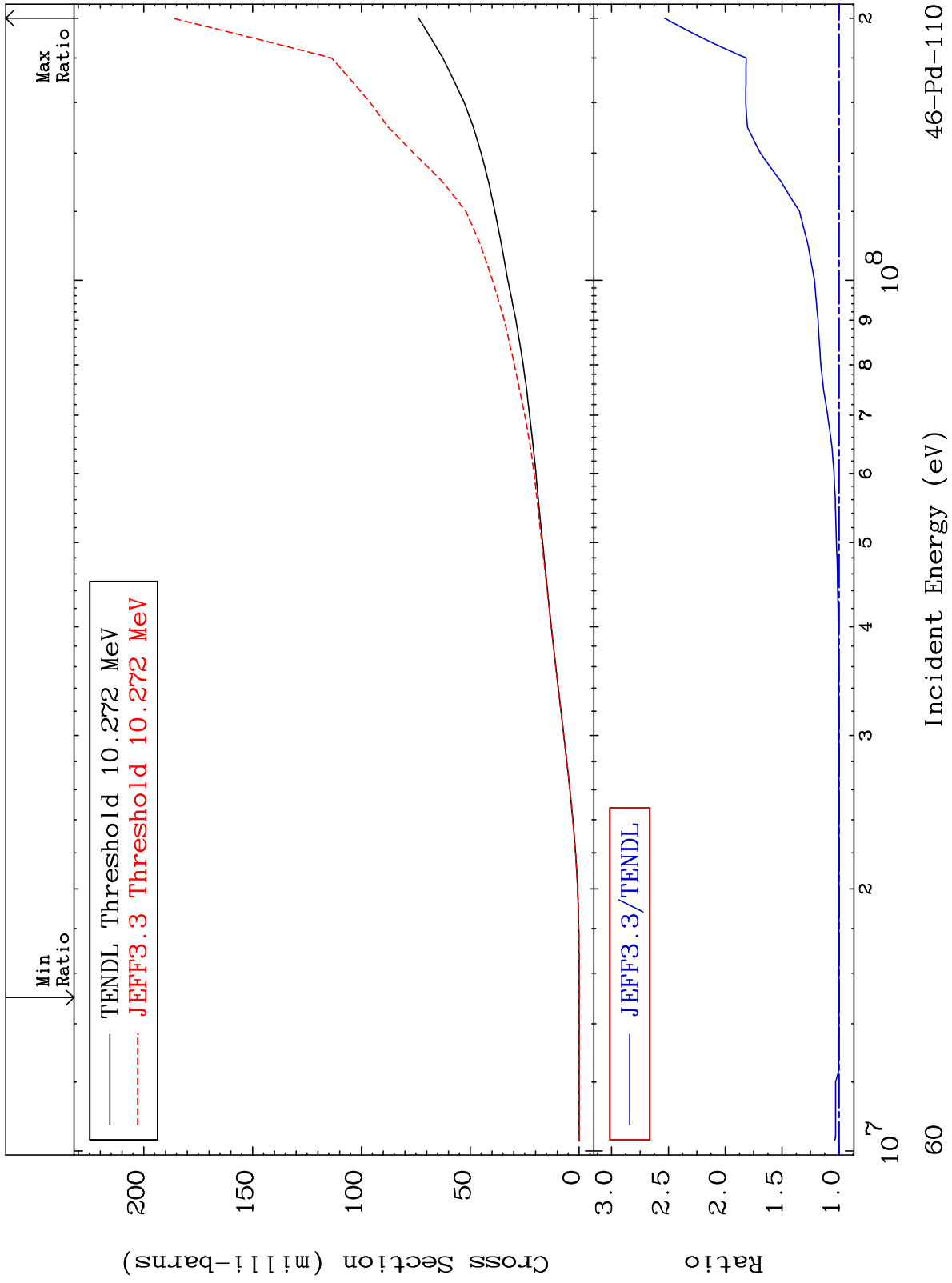
Incident Energy (eV)

46-Pd-110

MAT 4649

Tritium Production
Cross Section

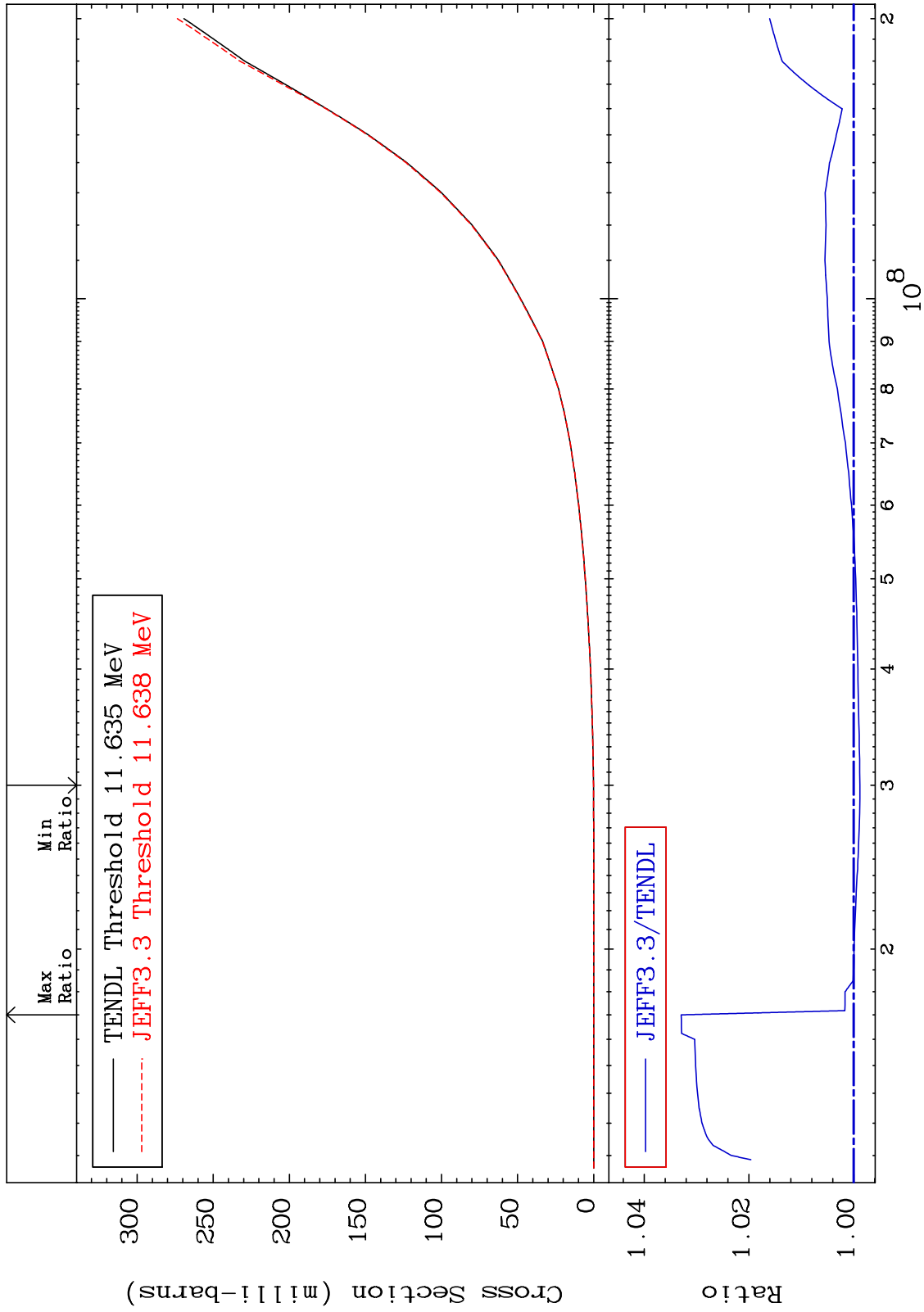
46-Pd-110
-0.133 To 153.4 %



MAT 4649

He-3 Production
Cross Section

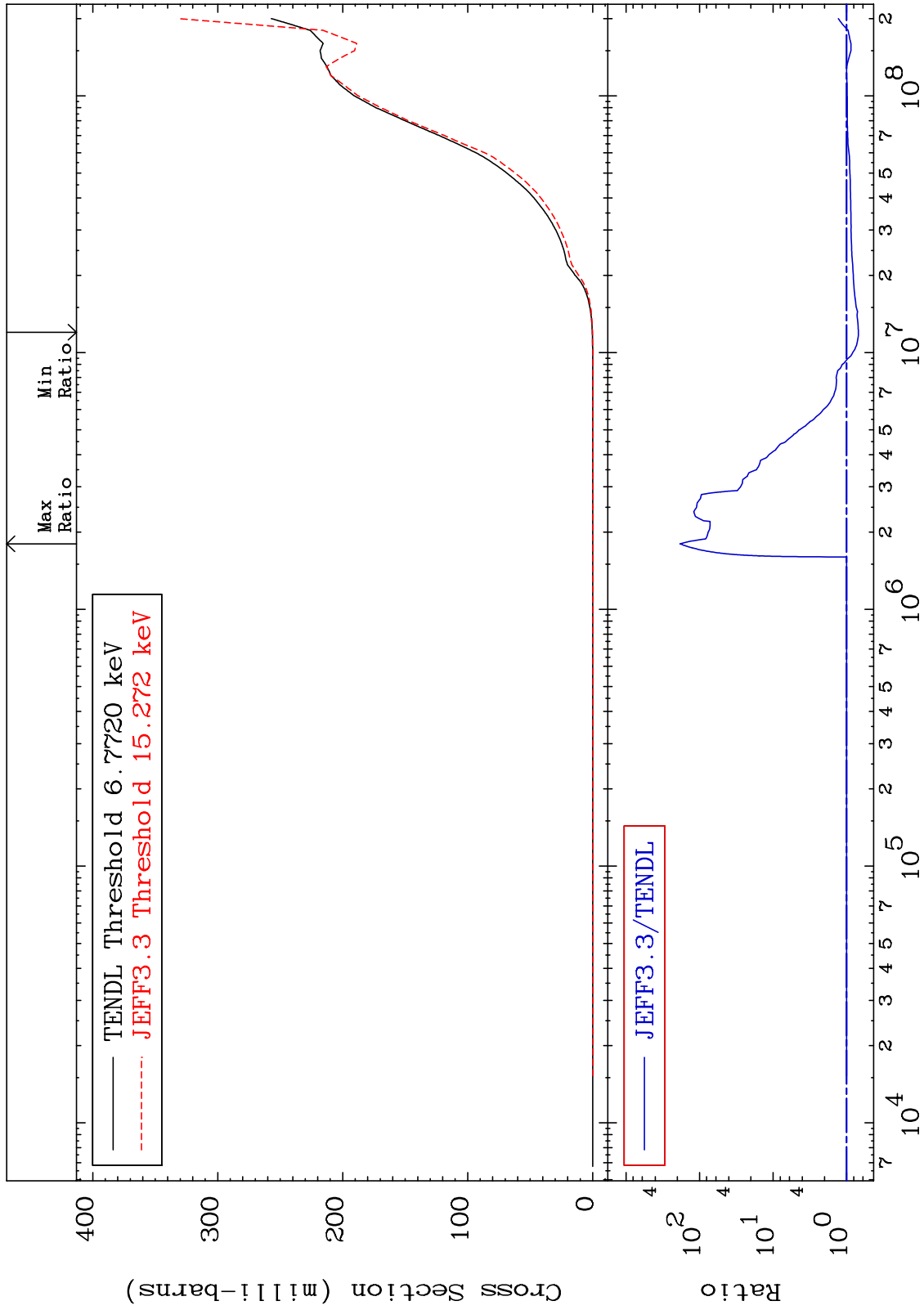
46-Pd-110
-0.119 To 3.293 %



MAT 4649

He-4 Production
Cross Section

46-Pd-110
-30.92 To 9999. %



62

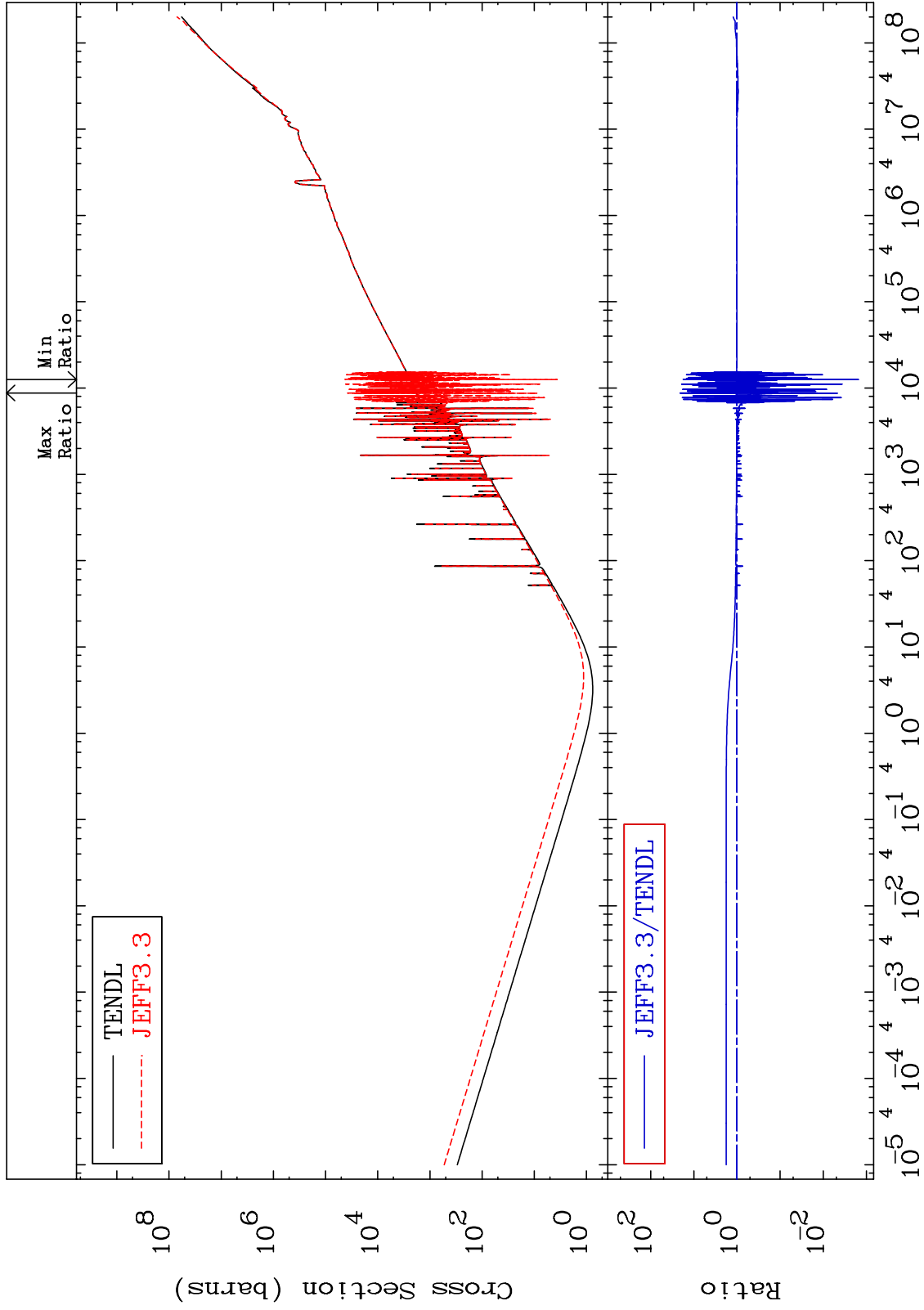
Incident Energy (eV)

46-Pd-110

MAT 4649

Kerma total (eV-barns)
Cross Section

46-Pd-110
-99.85 To 1986. %



63

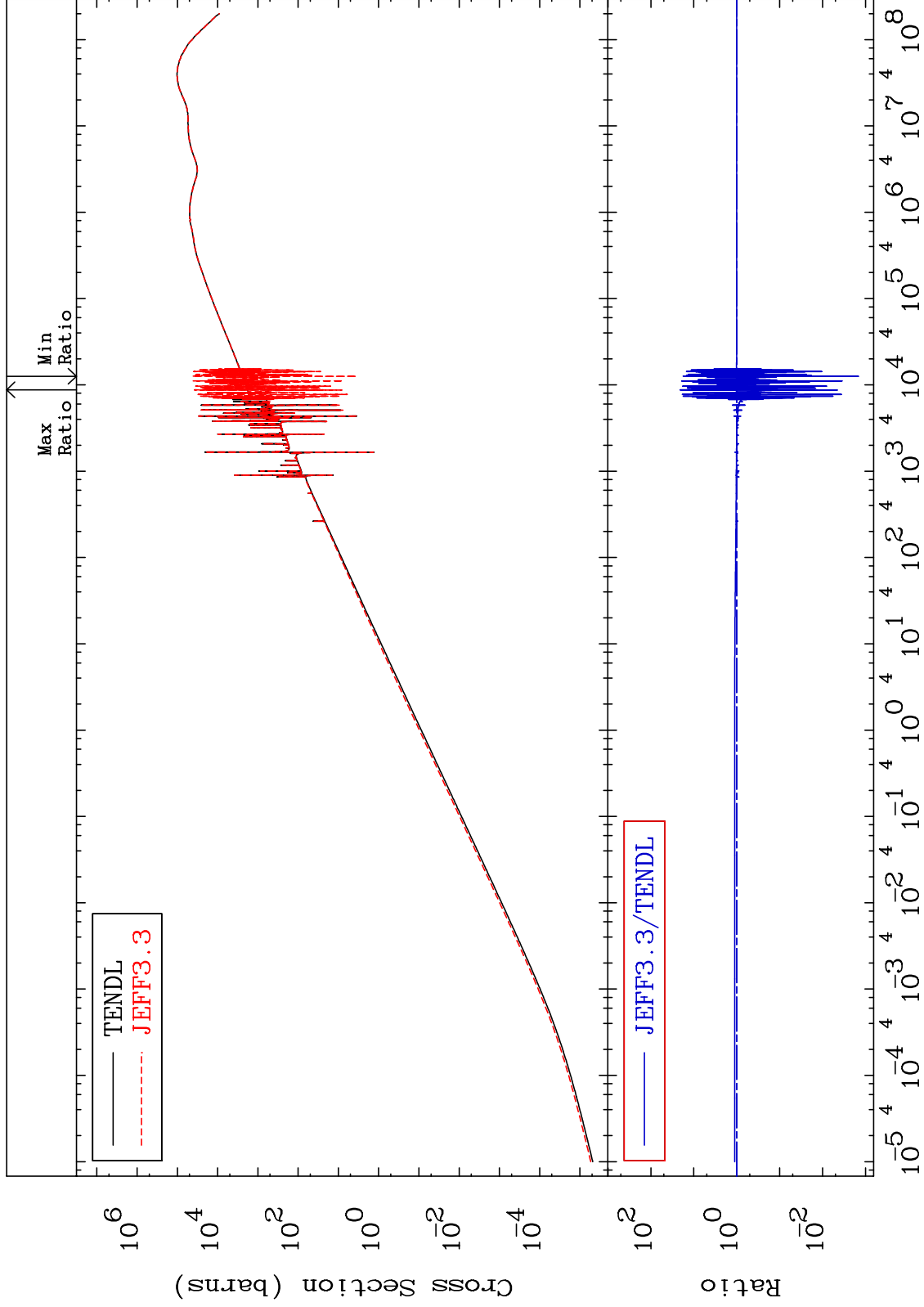
Incident Energy (eV)

46-Pd-110

MAT 4649

Kerma elastic
Cross Section

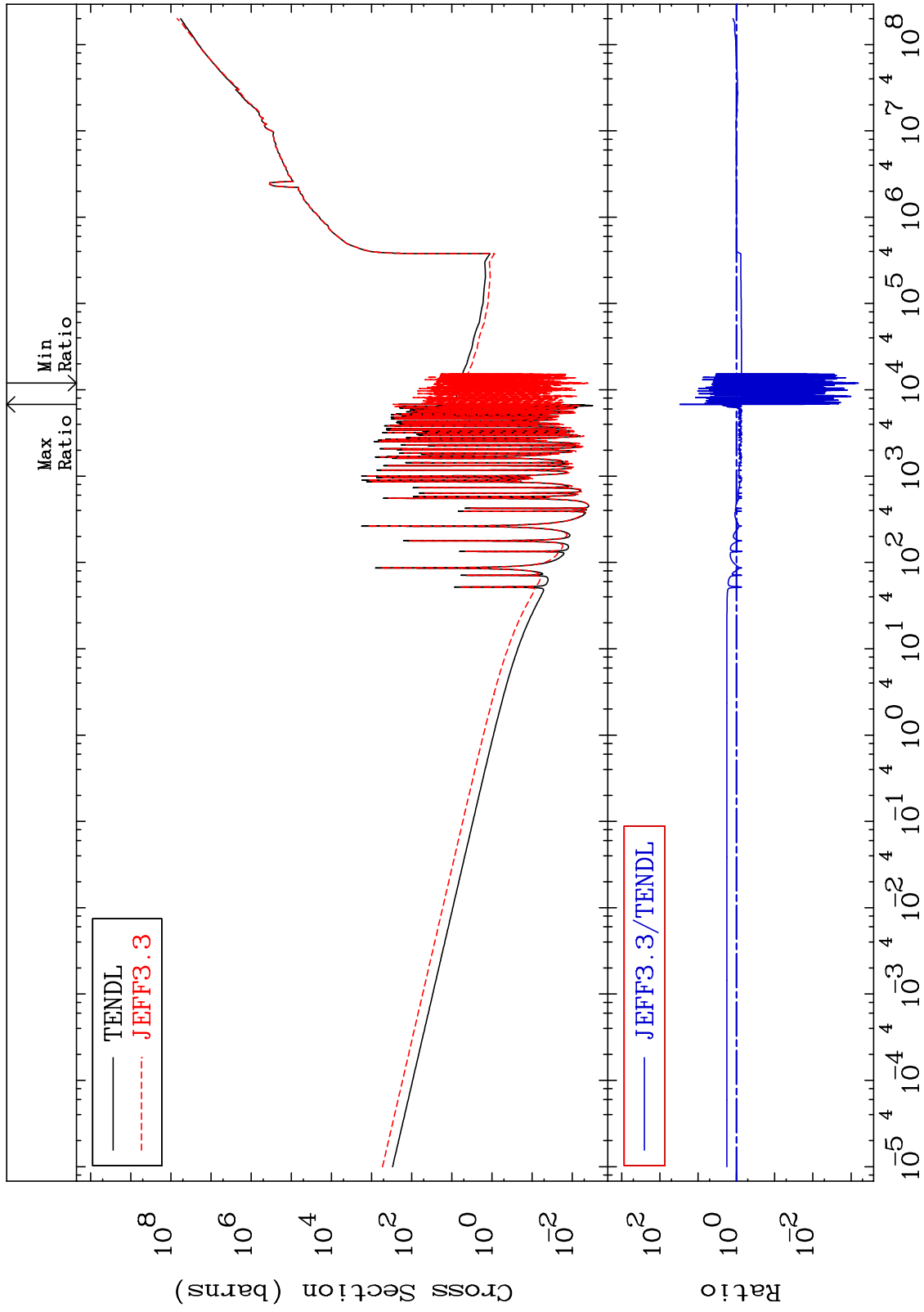
46-Pd-110
-99.85 To 1993. %



MAT 4649

Kerma non-elastic (all but mt2)
Cross Section

46-Pd-110
-99.94 To 2879. %



65

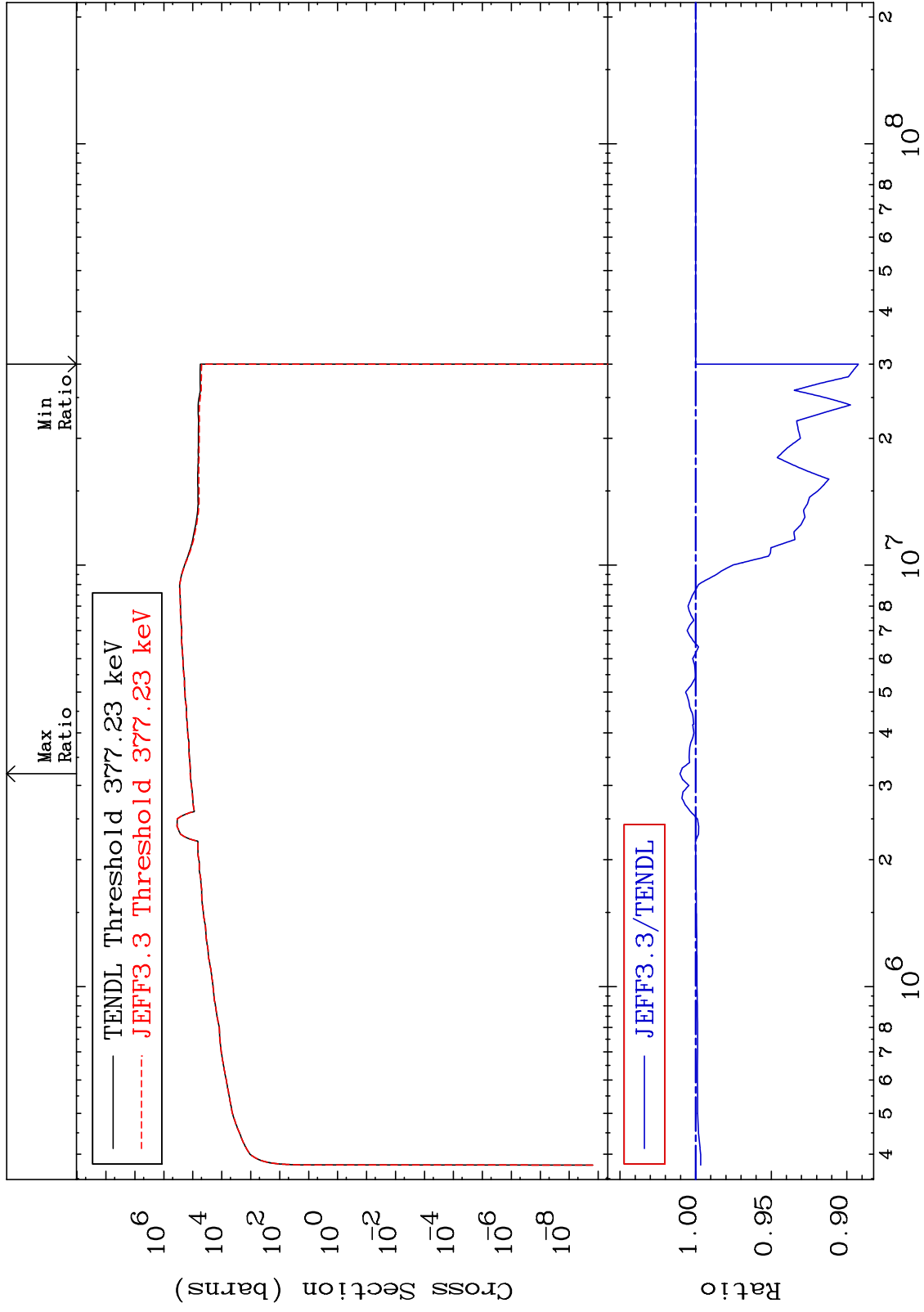
Incident Energy (eV)

46-Pd-110

MAT 4649

Kerma inelastic (mt51-91)
Cross Section

46-Pd-110
-10.76 To 1.036 %



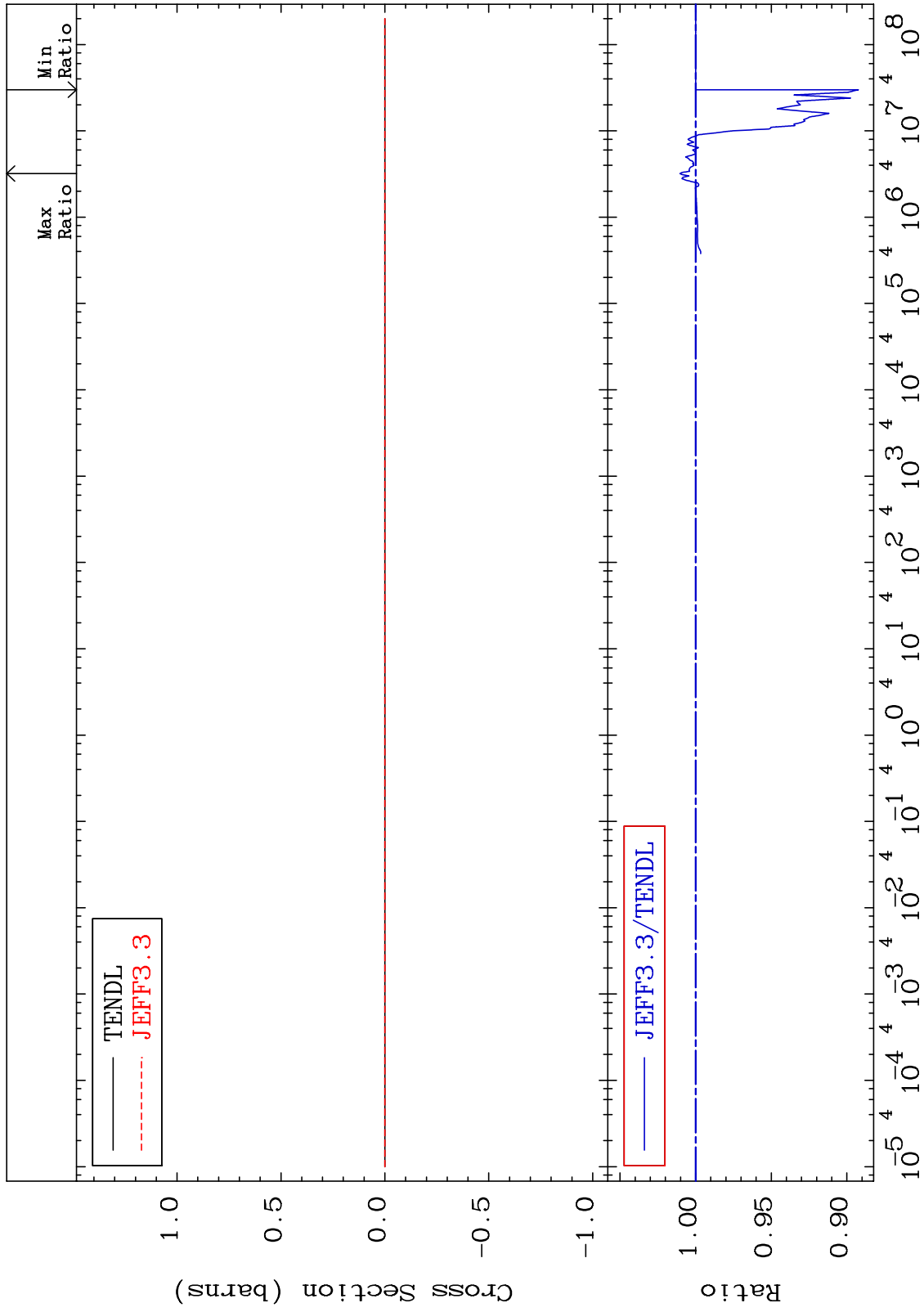
66

46-Pd-110

MAT 4649

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

46-Pd-110
-10.76 To 1.036 %



67

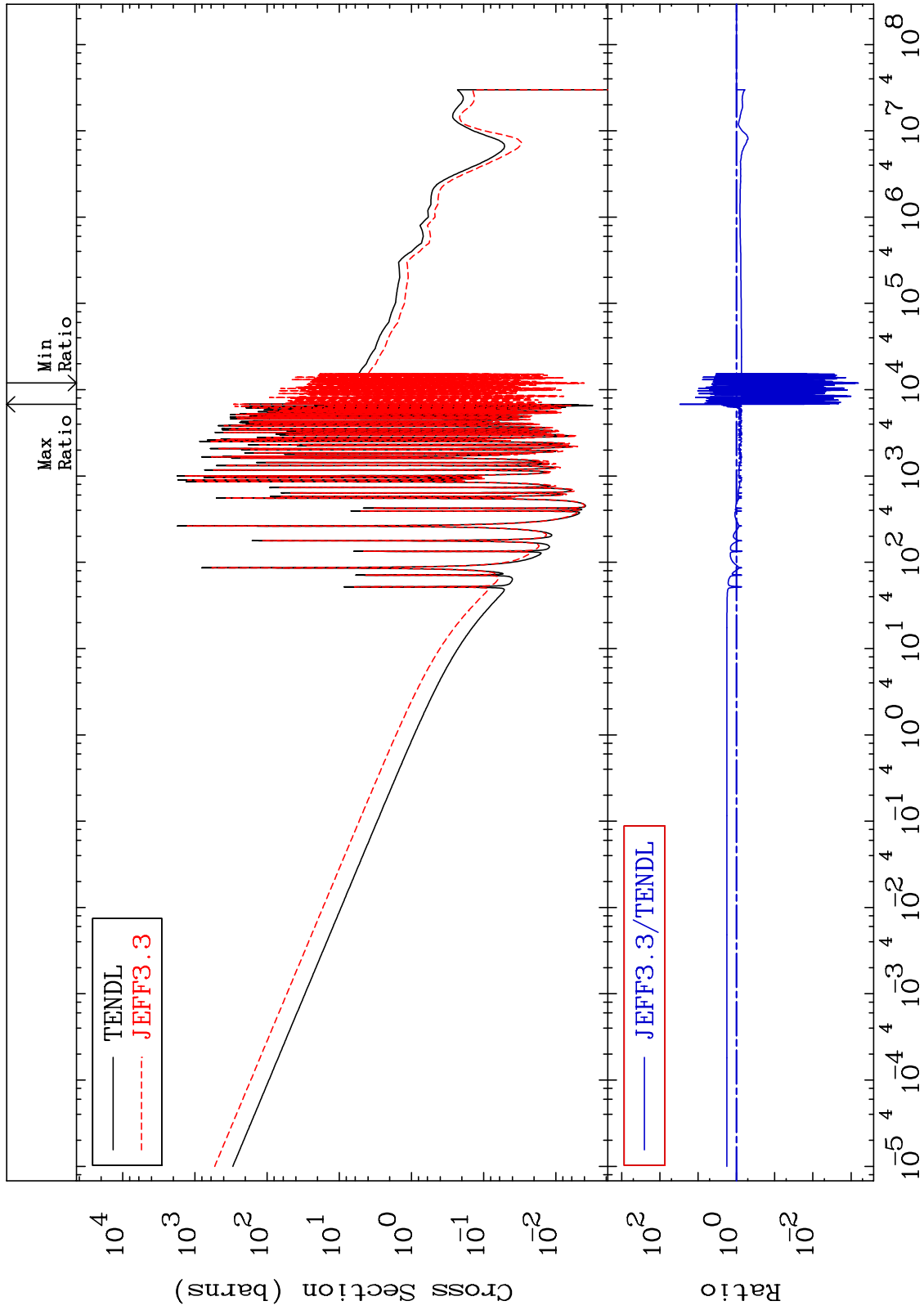
Incident Energy (eV)

46-Pd-110

MAT 4649

Kerma capture (mt102)
Cross Section

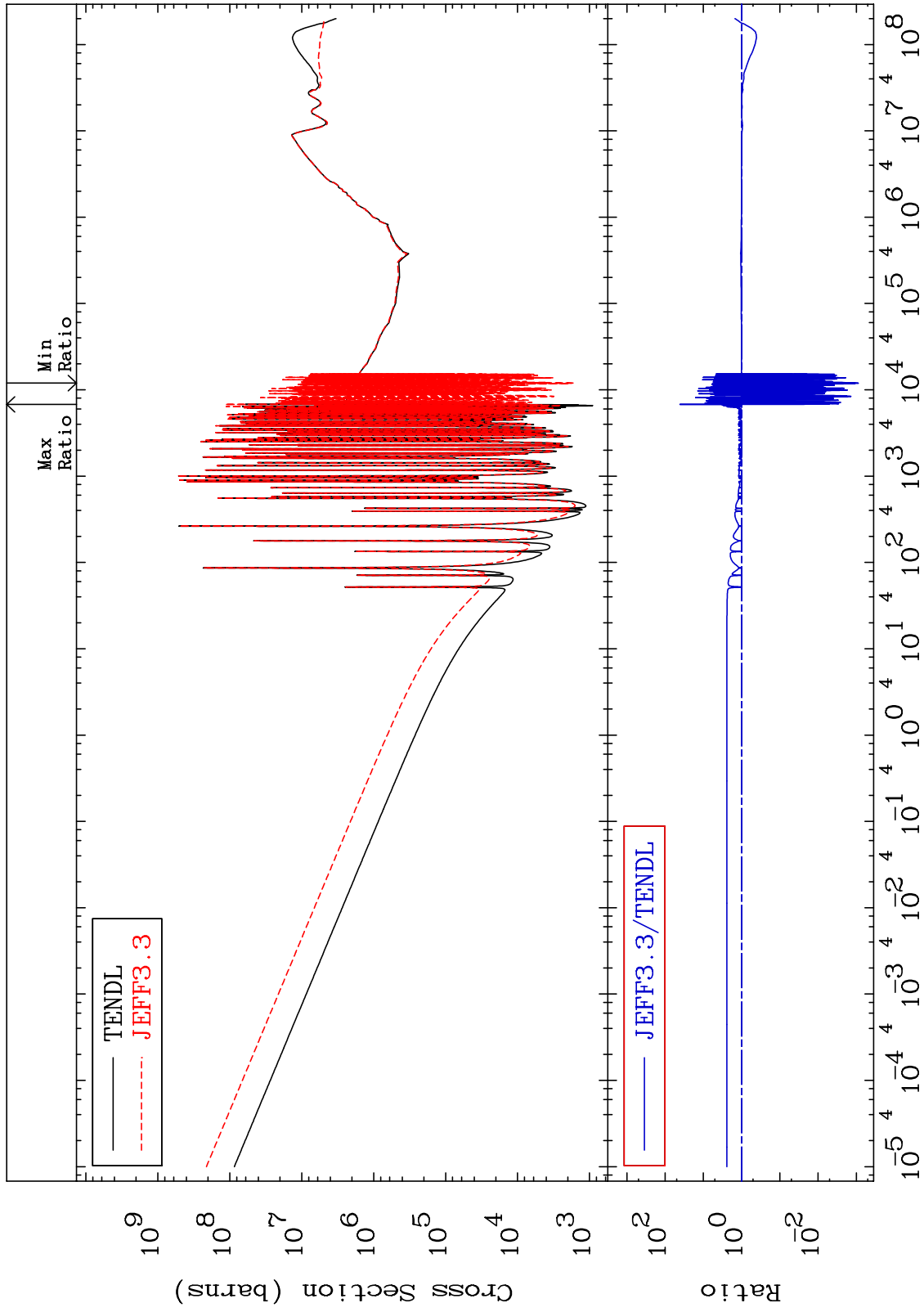
46-Pd-110
-99.94 To 2879. %



MAT 4649

Total photon (eV-barns)
Cross Section

46-Pd-110
-99.91 To 3979. %



69

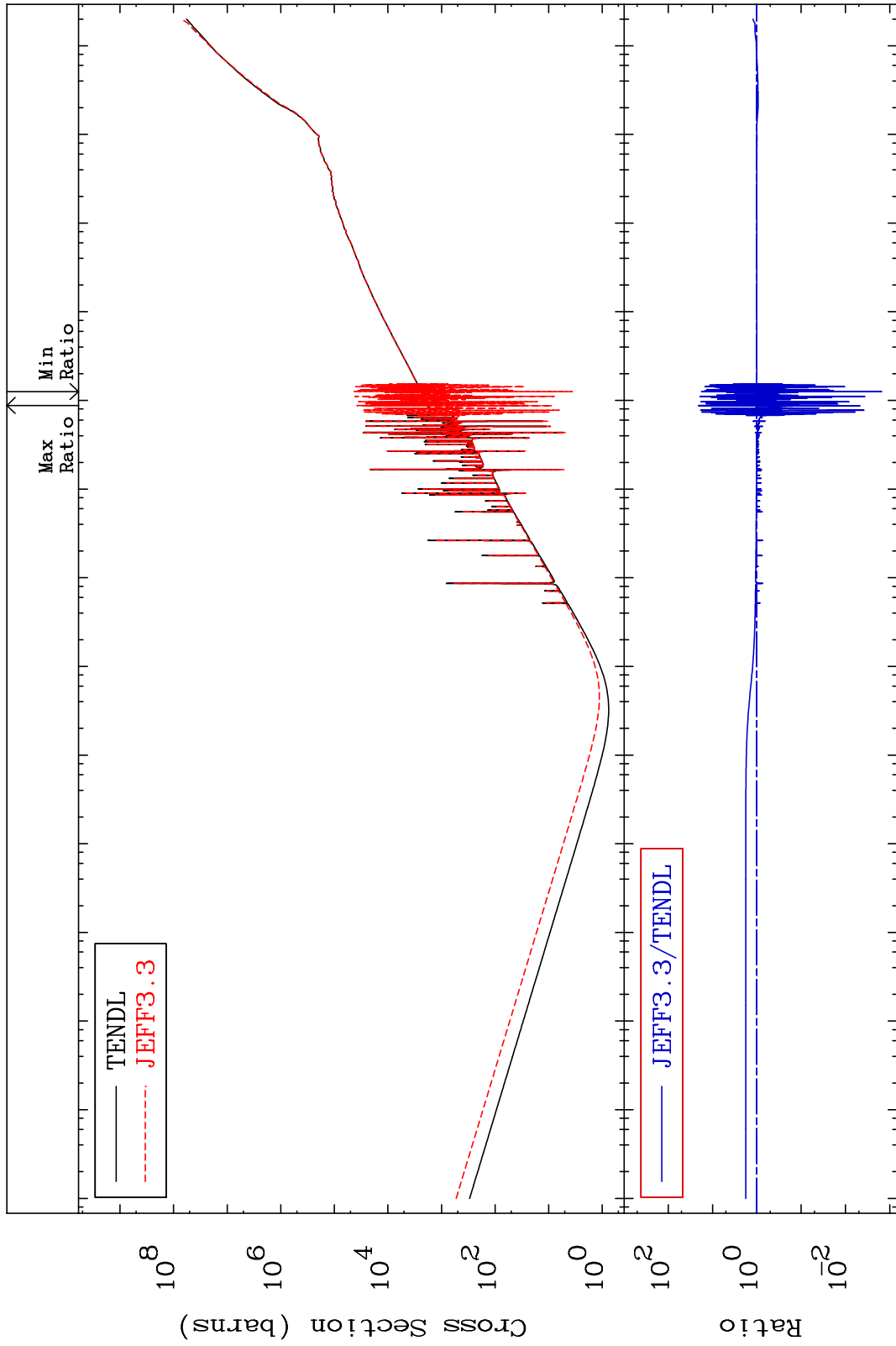
Incident Energy (eV)

46-Pd-110

MAT 4649

Total kinematic kerma (high limit)
Cross Section

46-Pd-110
-99.85 To 1986. %



70

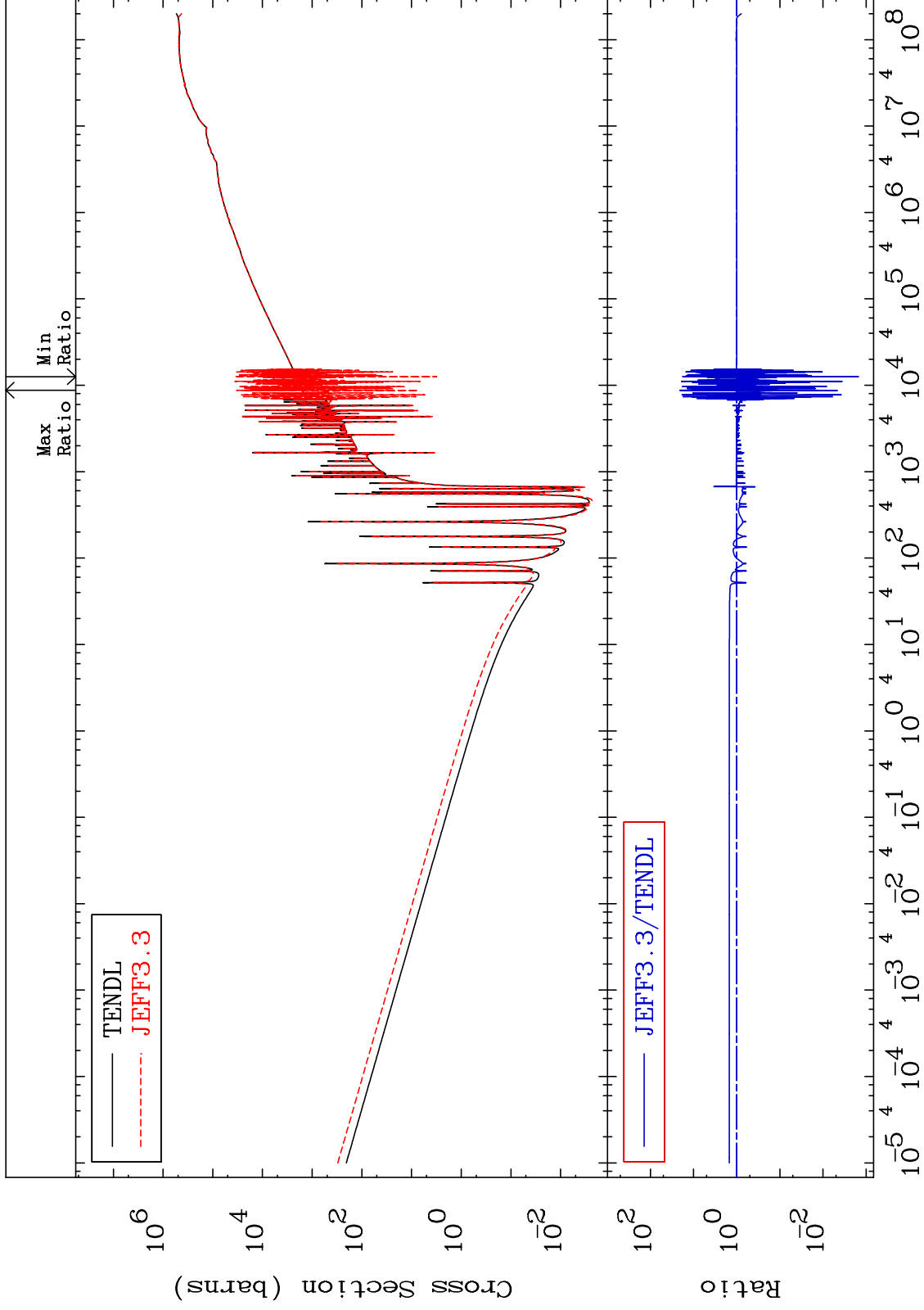
Incident Energy (eV)

46-Pd-110

MAT 4649

Dpa total (eV-barns)
Cross Section

46-Pd-110
-99.85 To 1988. %



71

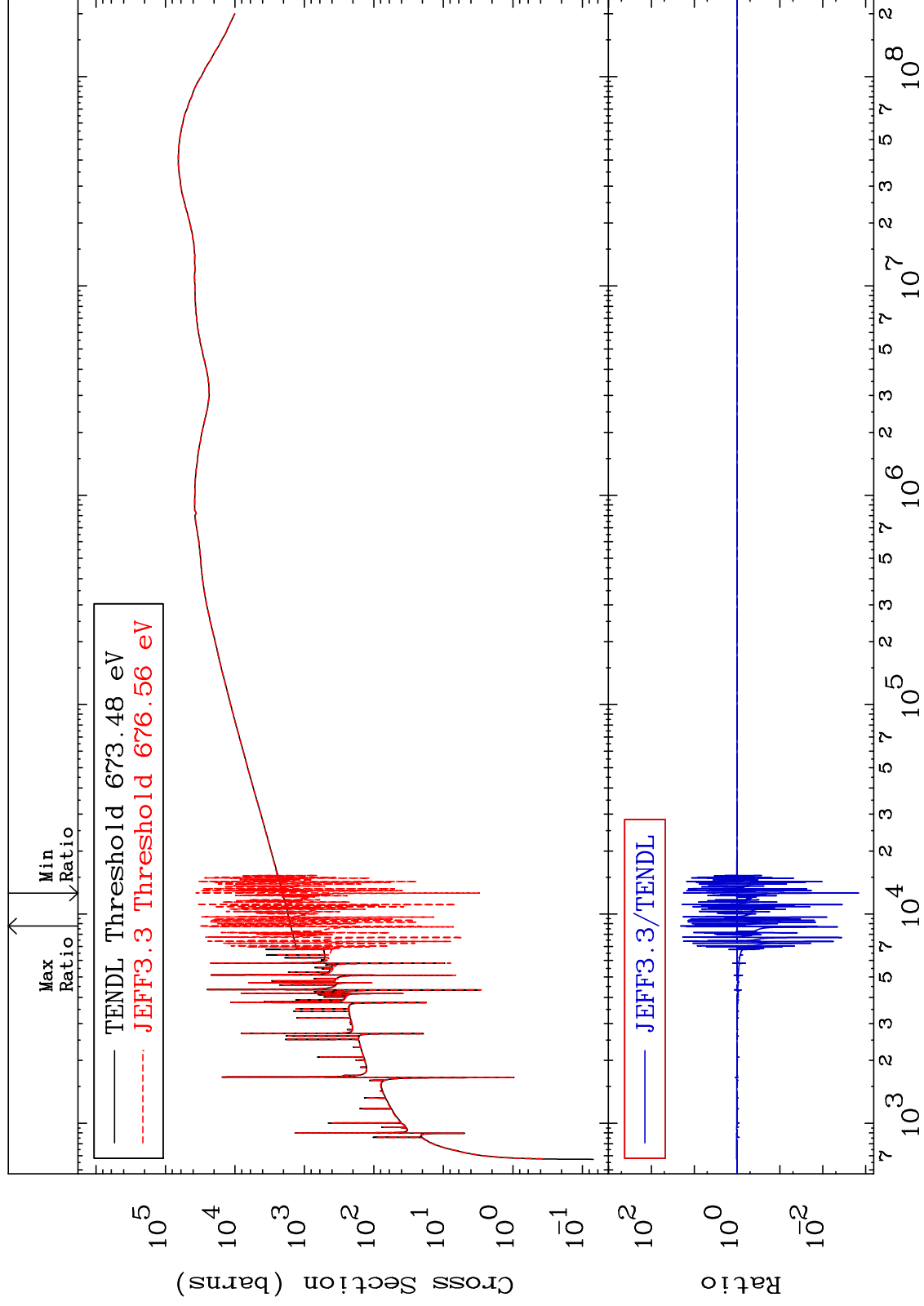
Incident Energy (eV)

46-Pd-110

MAT 4649

Dpa elastic (mt2)
Cross Section

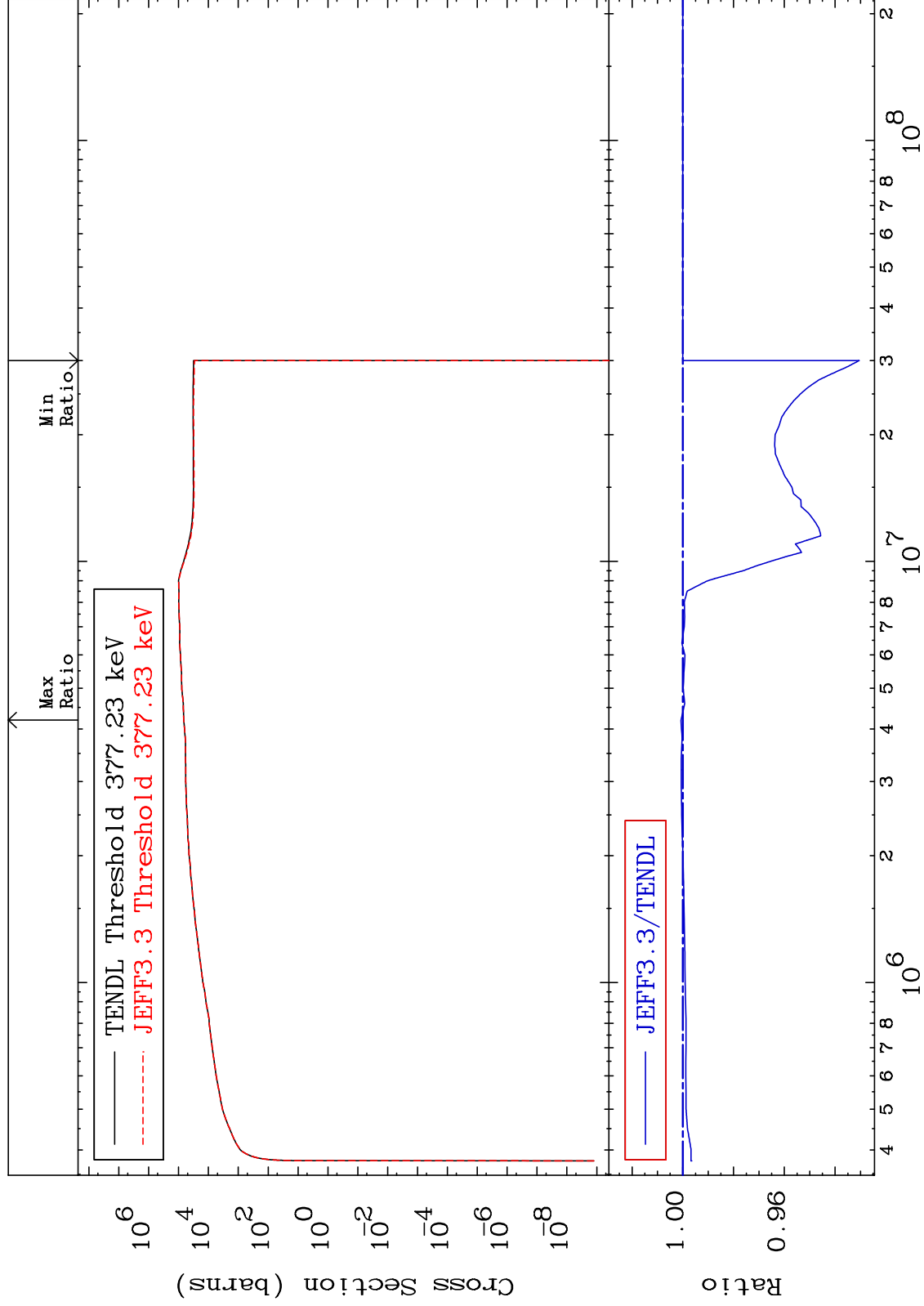
46-Pd-110
-99.85 To 1994. %



MAT 4649

Dpa inelastic (mt51-91)
Cross Section

46-Pd-110
-6.952 To 0.070 %



73

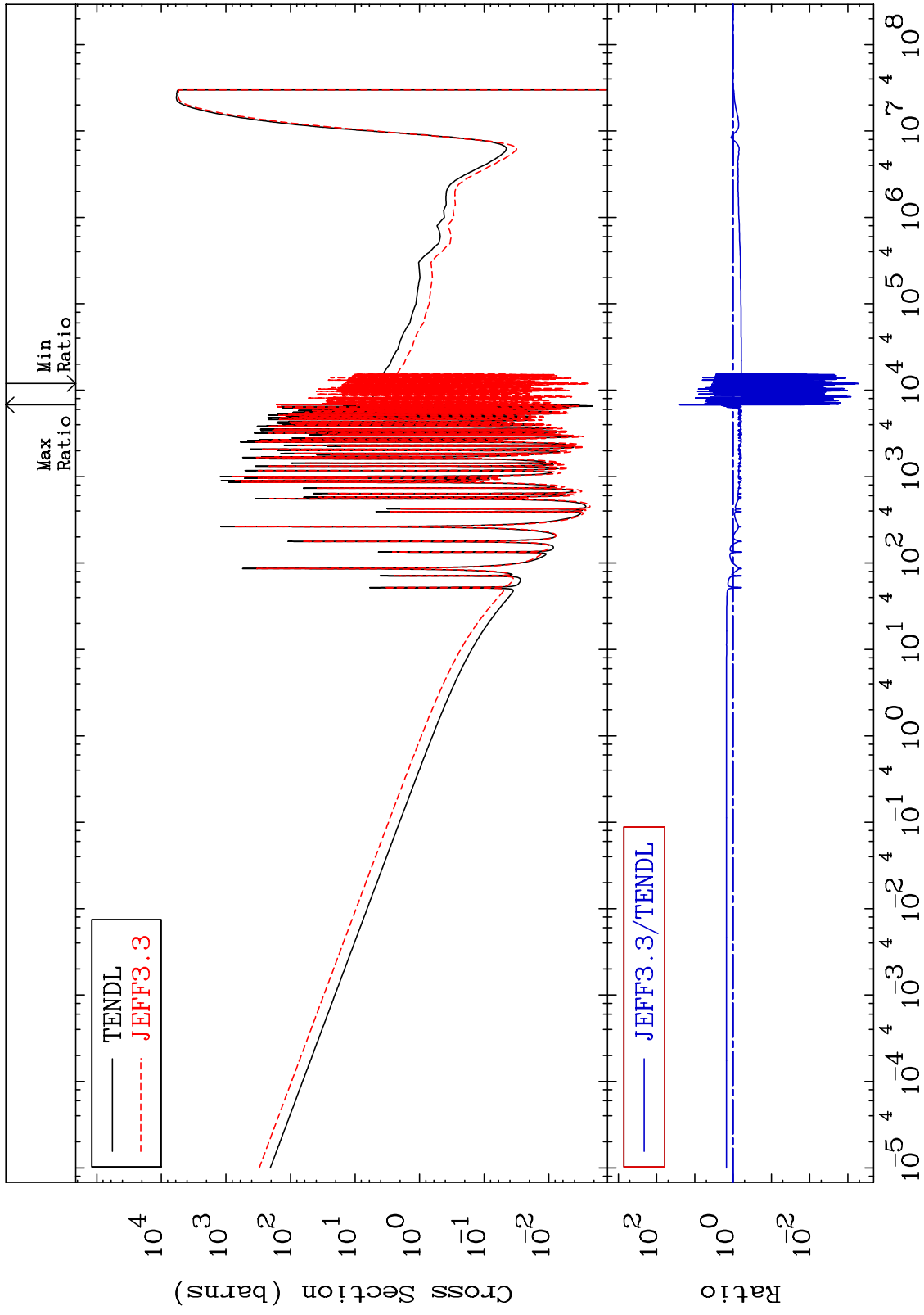
Incident Energy (eV)

46-Pd-110

MAT 4649

Dpa disappearance (mt102 -120)
Cross Section

46-Pd-110
-99.95 To 2369. %



74

Incident Energy (eV)

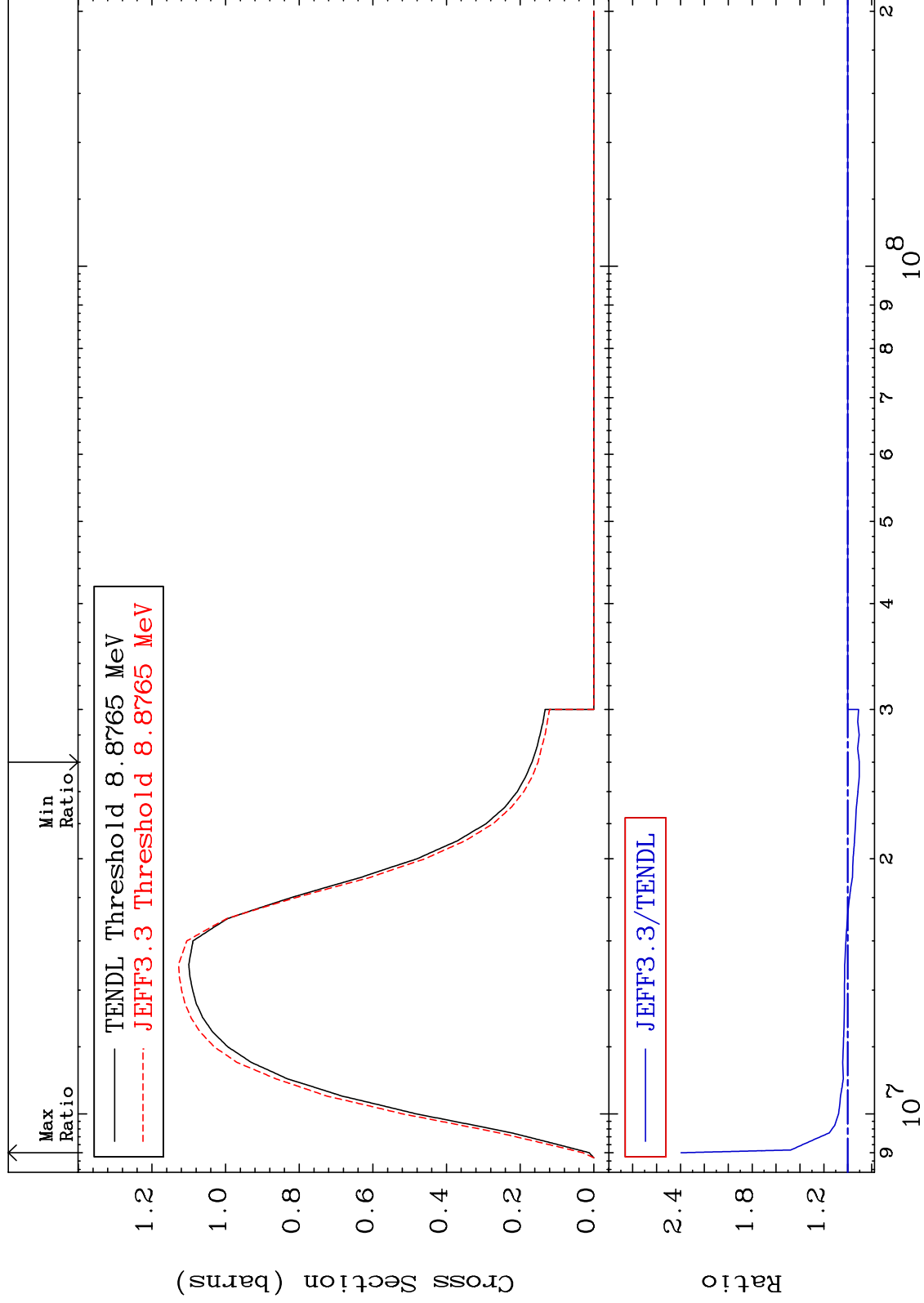
46-Pd-110

MAT 4649

(n,2n):46-Pd-109g

46-Pd-110

Radionuclide Production Cross Section -9.671 To 139.5 %



75

Incident Energy (eV)

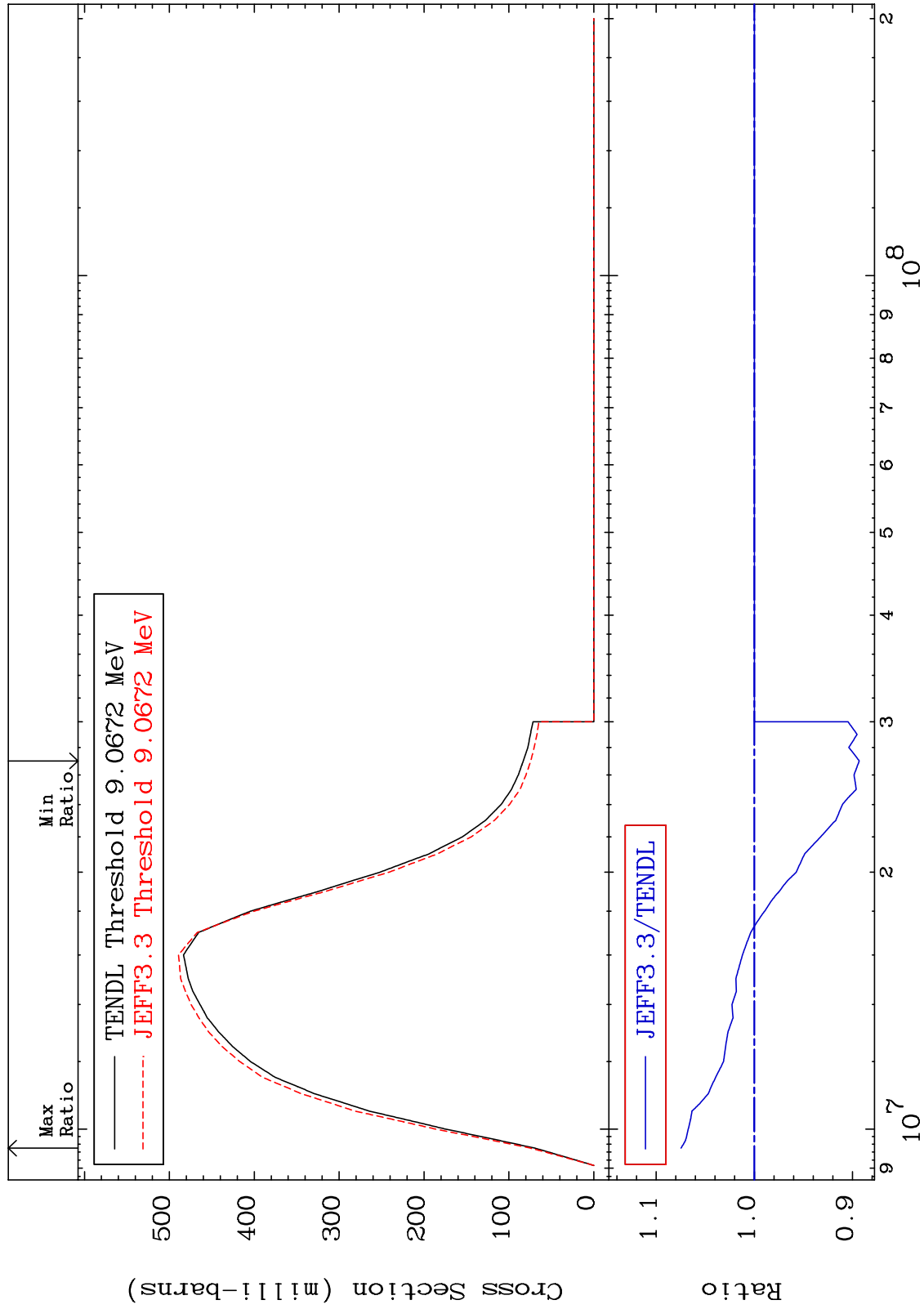
46-Pd-110

MAT 4649

(n,2n): 46-Pd-109m2

46-Pd-110

Radionuclide Production Cross Section -10.69 To 7.461 %



46-Pd-110

Incident Energy (eV)

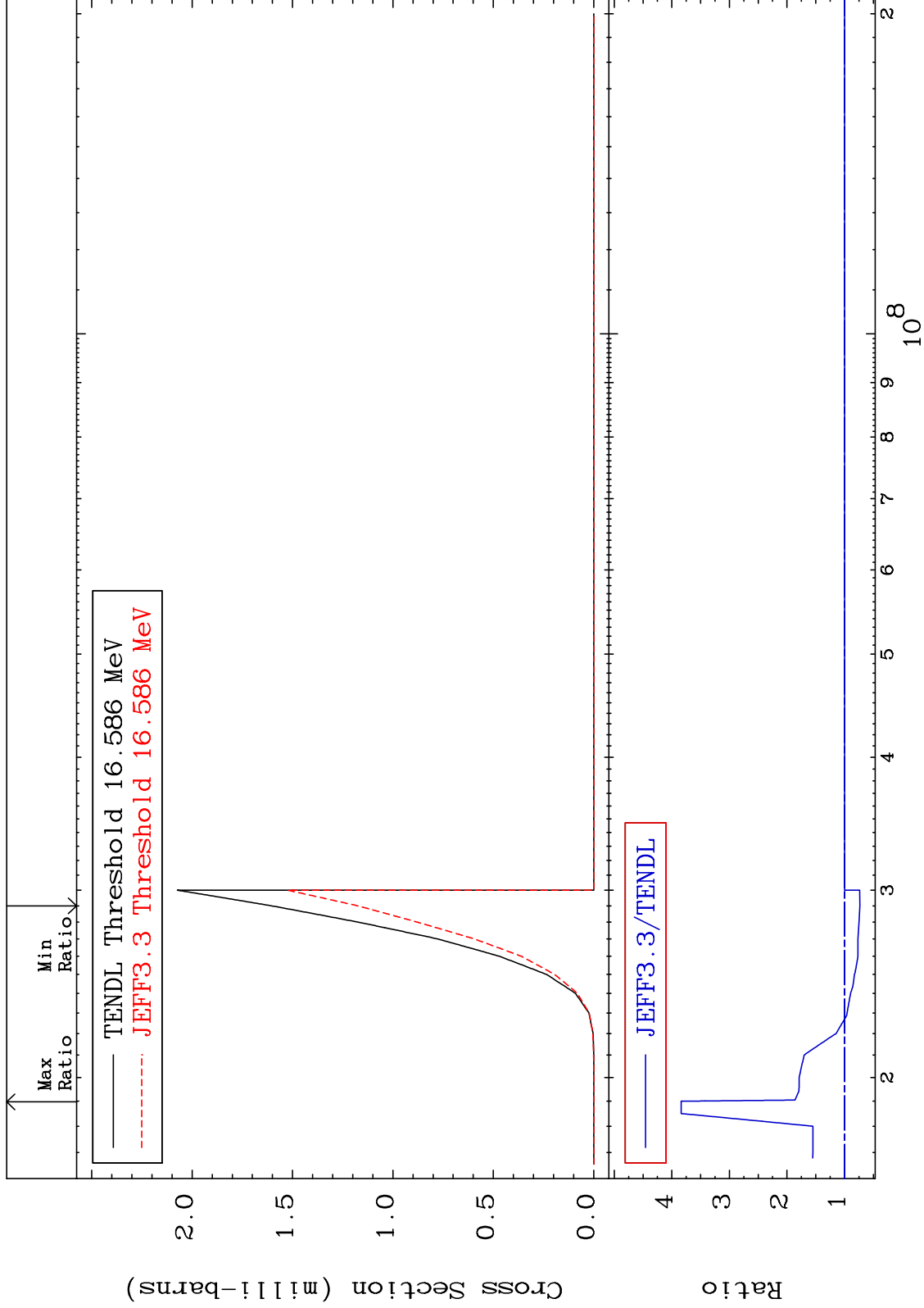
76

MAT 4649

(n, n') d:45-Rh-108g

46-Pd-110

Radionuclide Production Cross Section -26.74 To 283.7 %

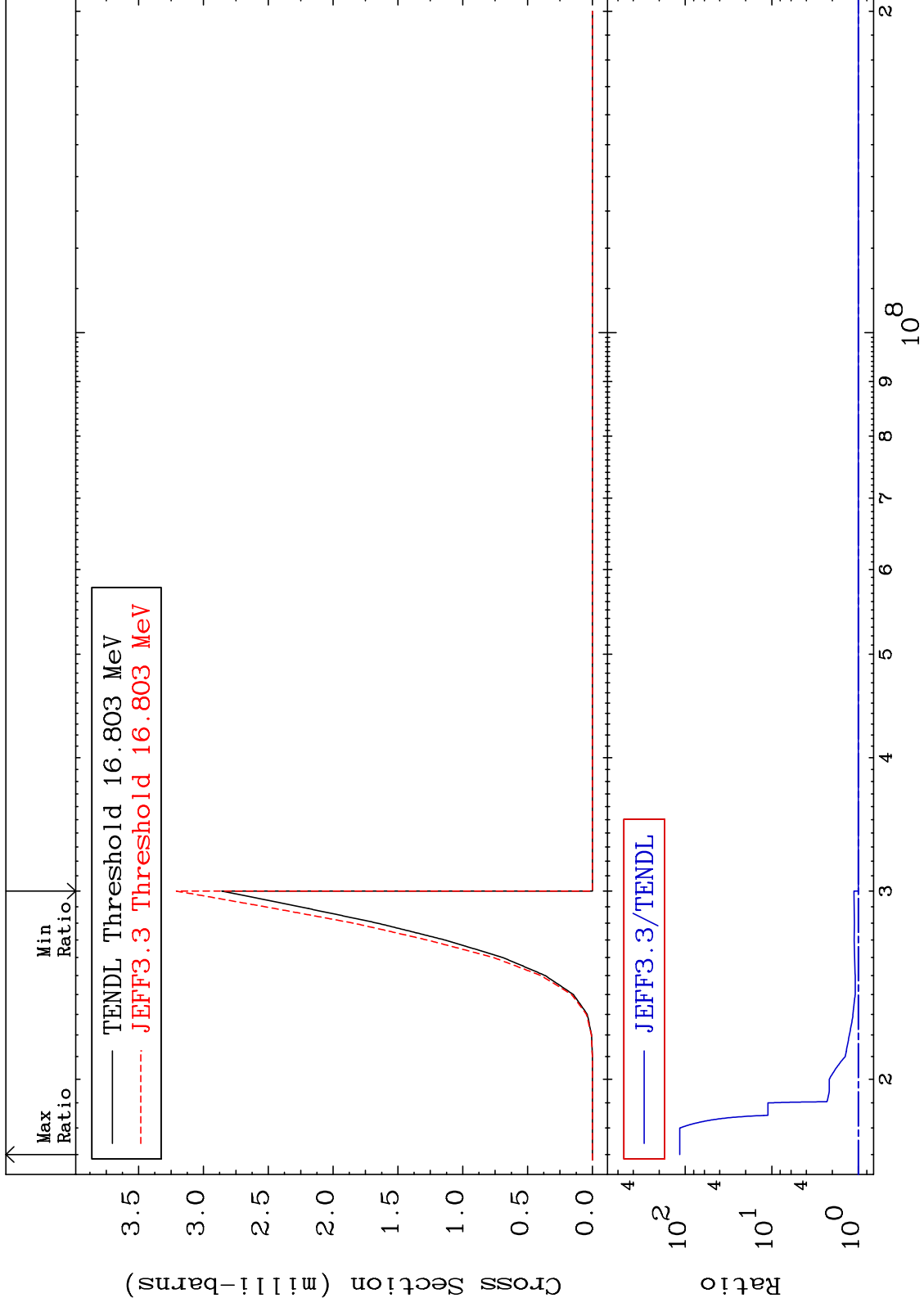


MAT 4649

(n, n') d: 45-Rh-108m4

46-Pd-110

Radionuclide Production Cross Section 0.000 To 9999. %

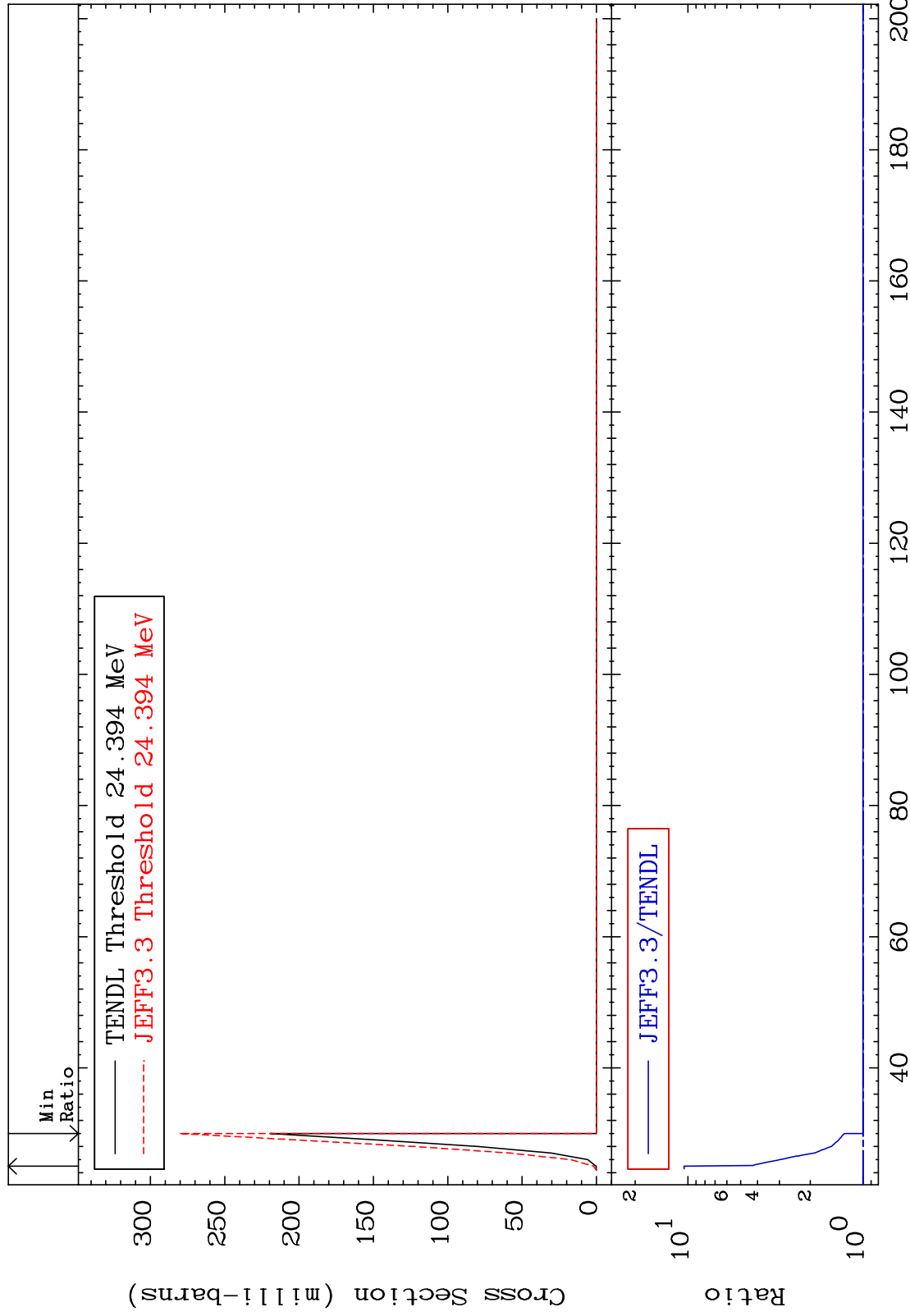


MAT 4649

(n,4n) : 46-Pd-107g

46-Pd-110

Radionuclide Production Cross Section 0.000 To 952.2 %



79

Incident Energy (MeV)

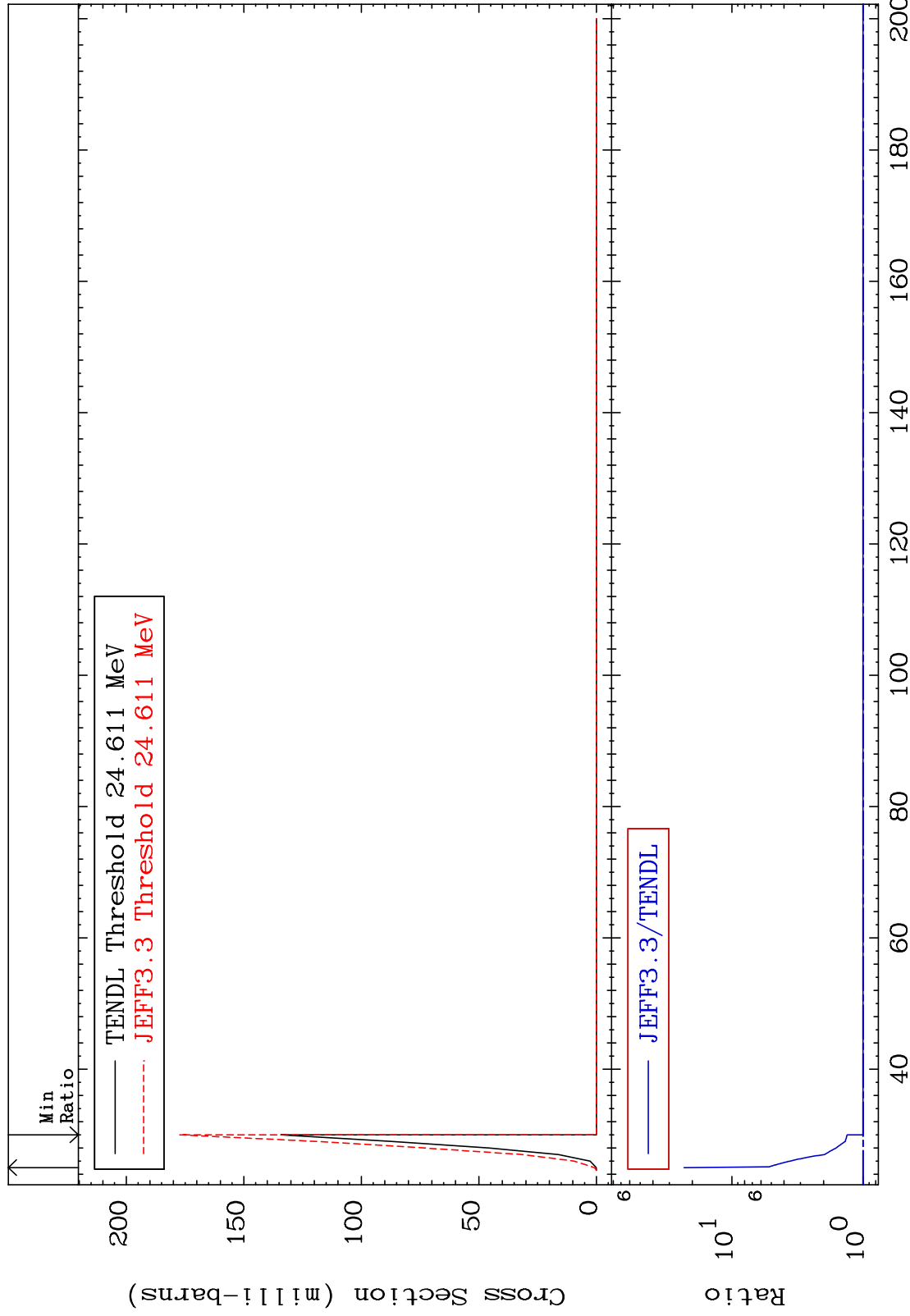
46-Pd-110

MAT 4649

(n, 4n) : 46-Pd-107m2

46-Pd-110

Radionuclide Production Cross Section 0.000 To 2213. %



80

Incident Energy (MeV)

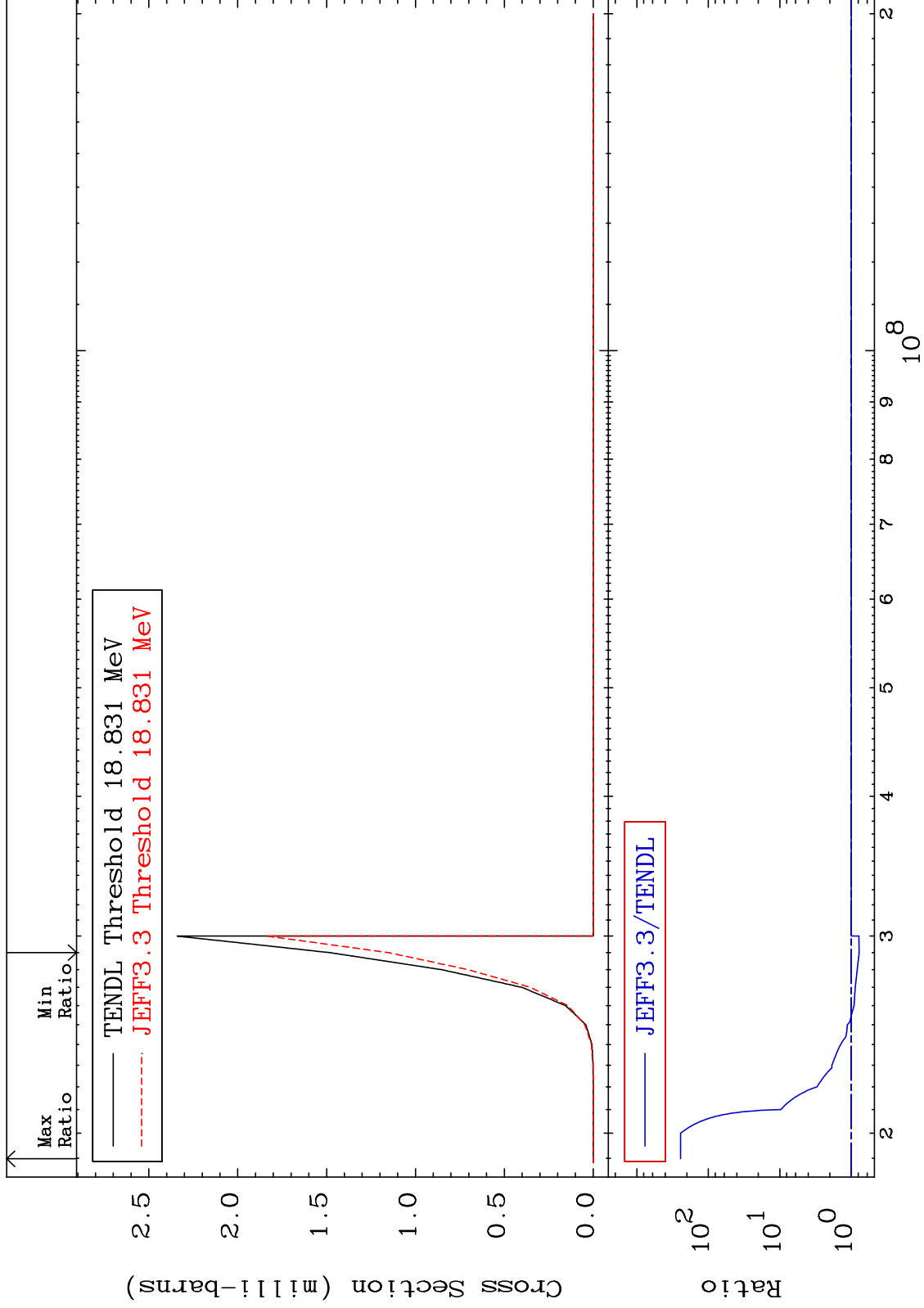
46-Pd-110

MAT 4649

(n,2n) p:45-Rh-108g

46-Pd-110

Radionuclide Production Cross Section -22.37 To 9999. %

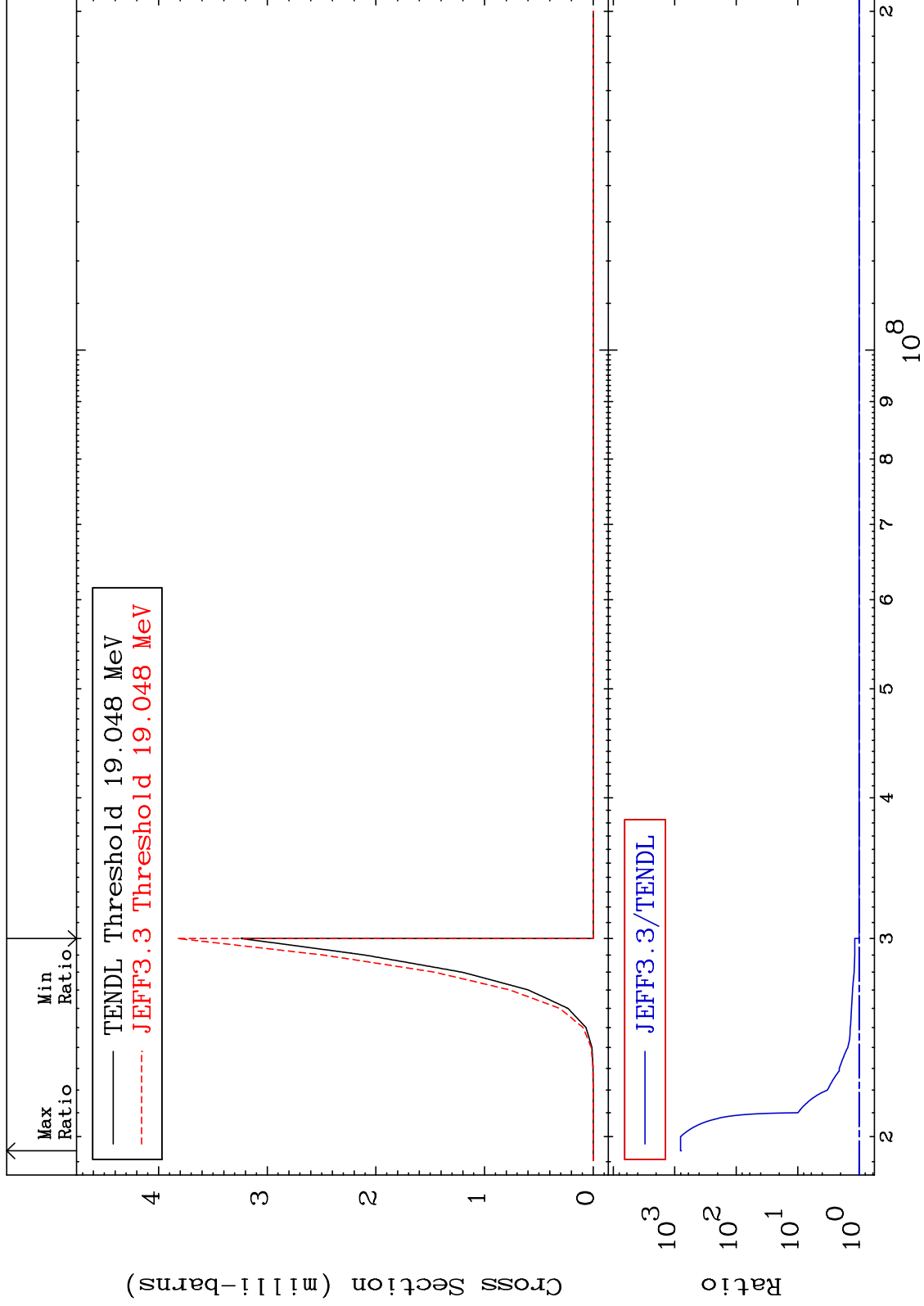


MAT 4649

(n,2n) p: 45-Rh-108m4

46-Pd-110

Radionuclide Production Cross Section 0.000 To 9999. %



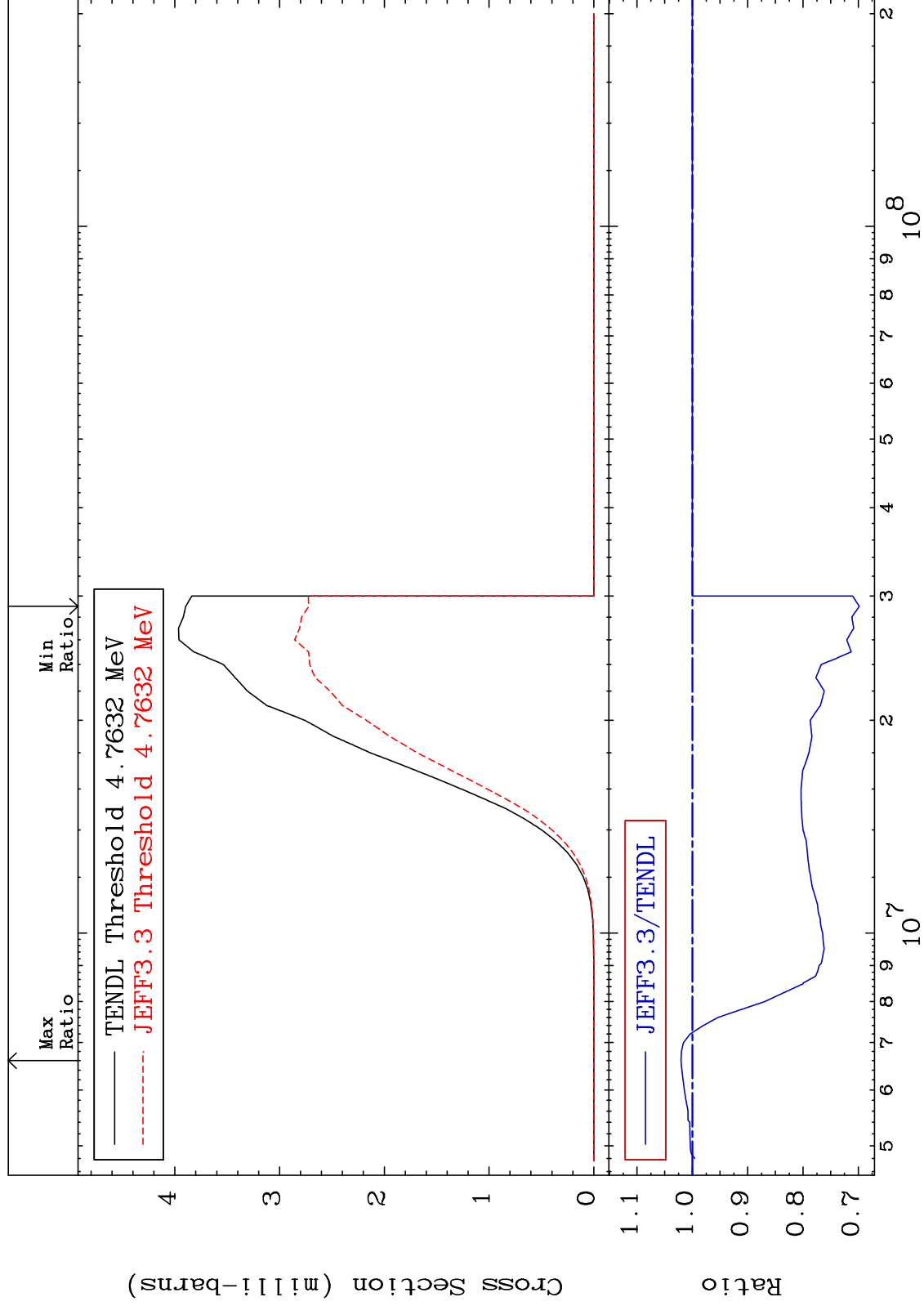
MAT 4649

(n, p) : 45-Rh-110g

46-Pd-110

Radionuclide Production Cross Section

-30.17 To 2.049 %

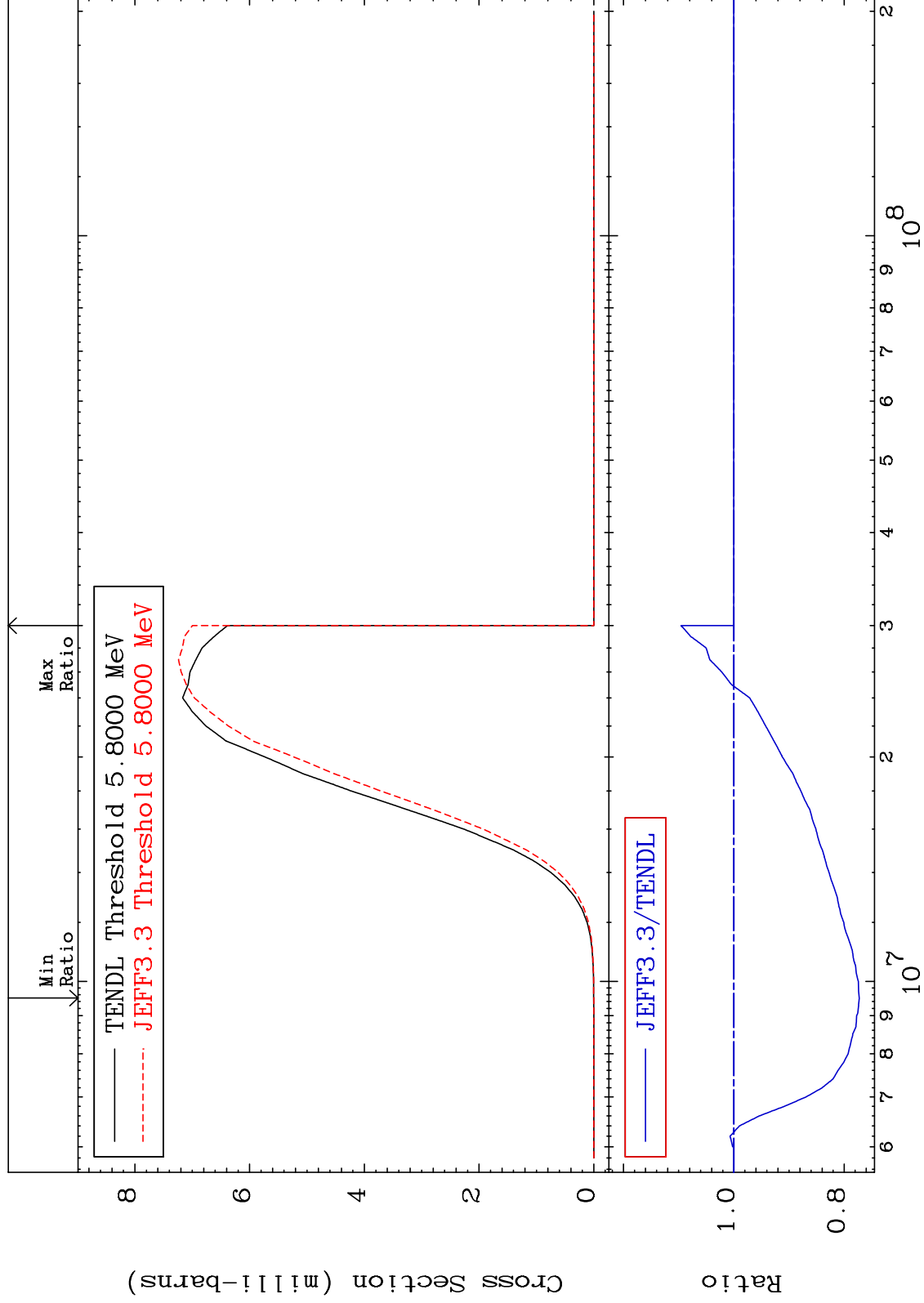


MAT 4649

(n, p) : 45-Rh-110m6

46-Pd-110

Radionuclide Production Cross Section -22.74 To 9.560 %

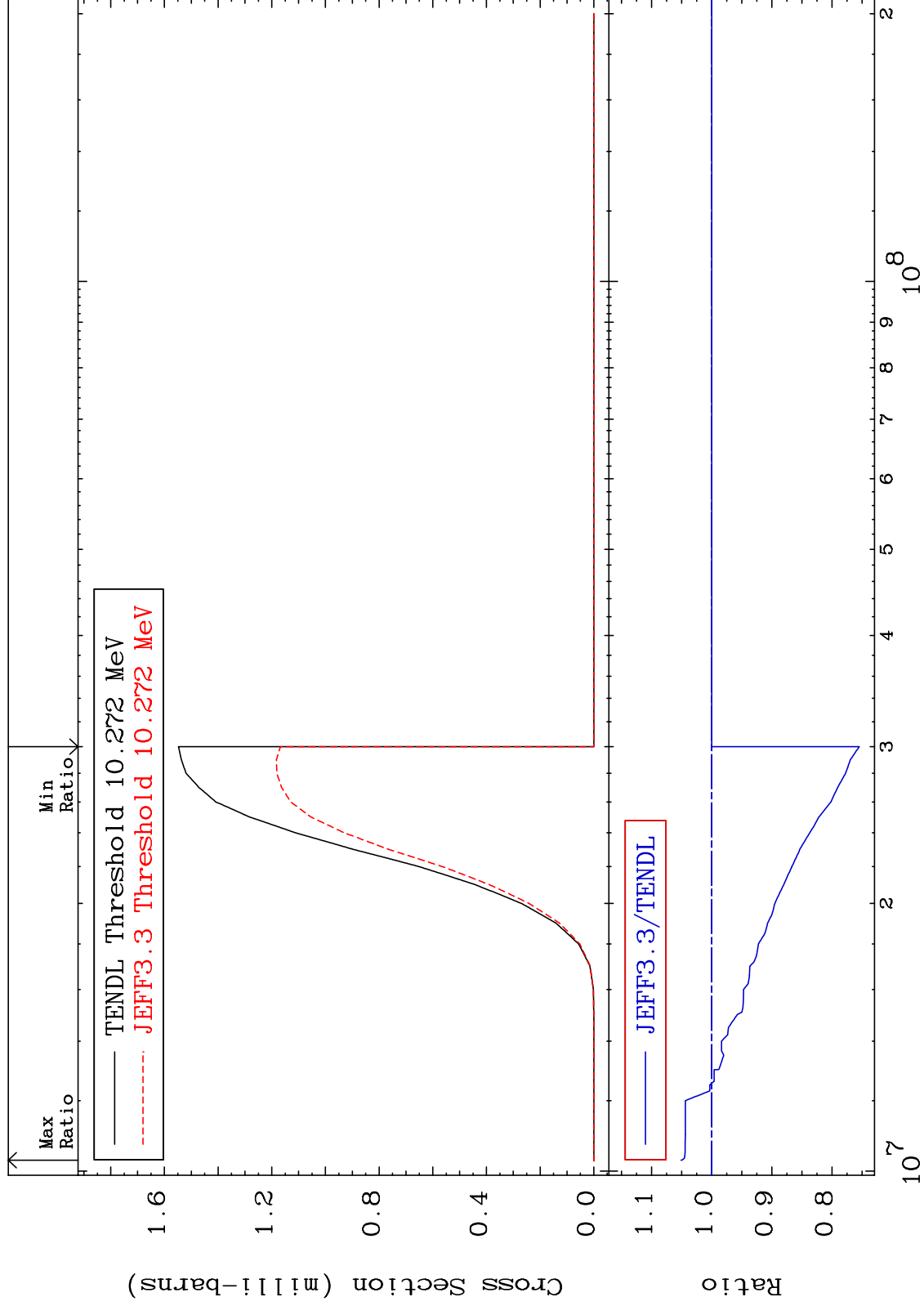


MAT 4649

(n, t) : 45-Rh-108g

46-Pd-110

Radionuclide Production Cross Section -24.53 To 5.089 %



85

Incident Energy (eV)

46-Pd-110

MAT 4649

(n, t) : 45-Rh-108m4

46-Pd-110

Radionuclide Production Cross Section 0.000 To 17.90 %

