

Program Complot
(Version 2018-1)

by

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U.S.A.

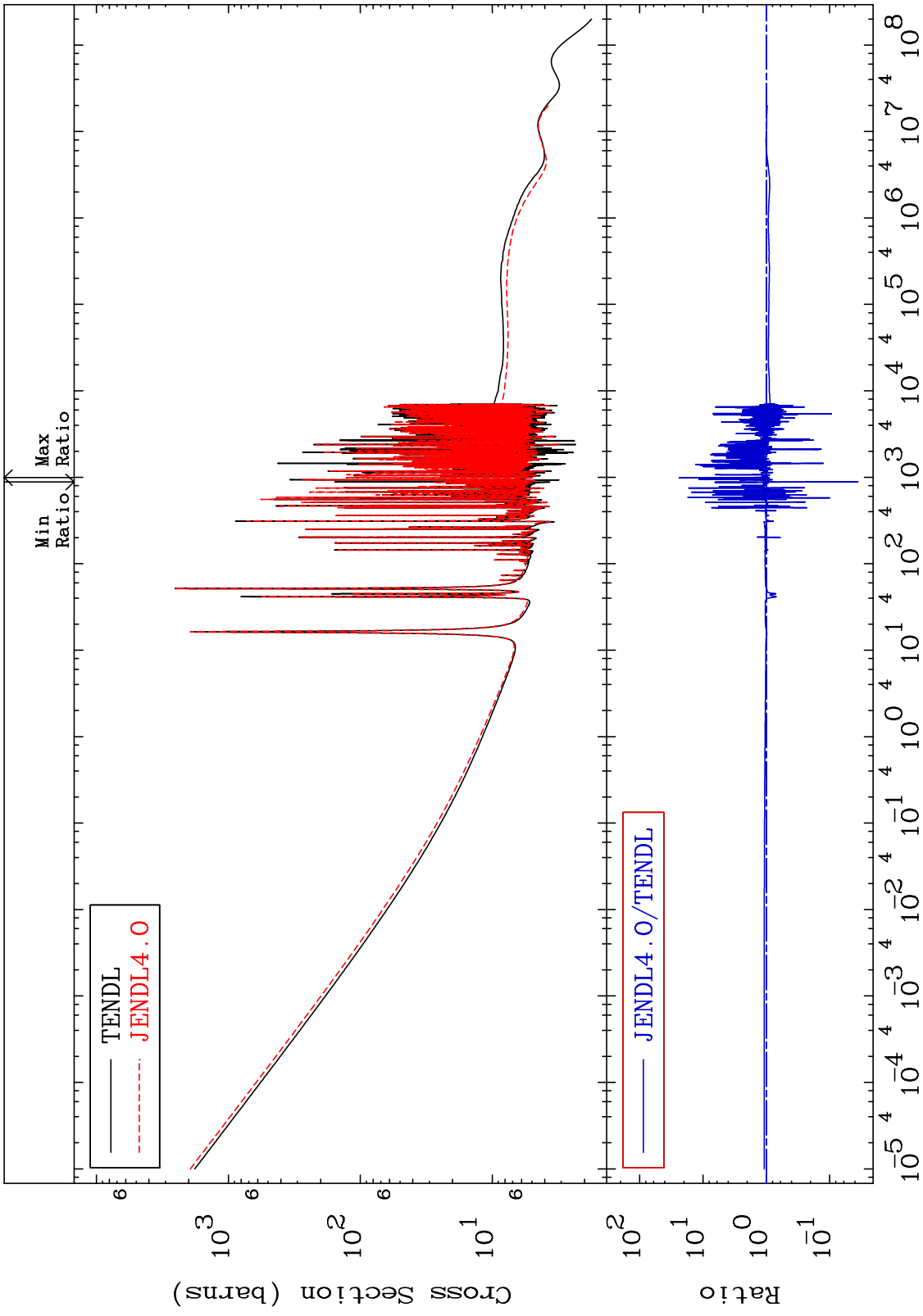
Tele: 925-443-1911

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

Press Mouse Button to Start

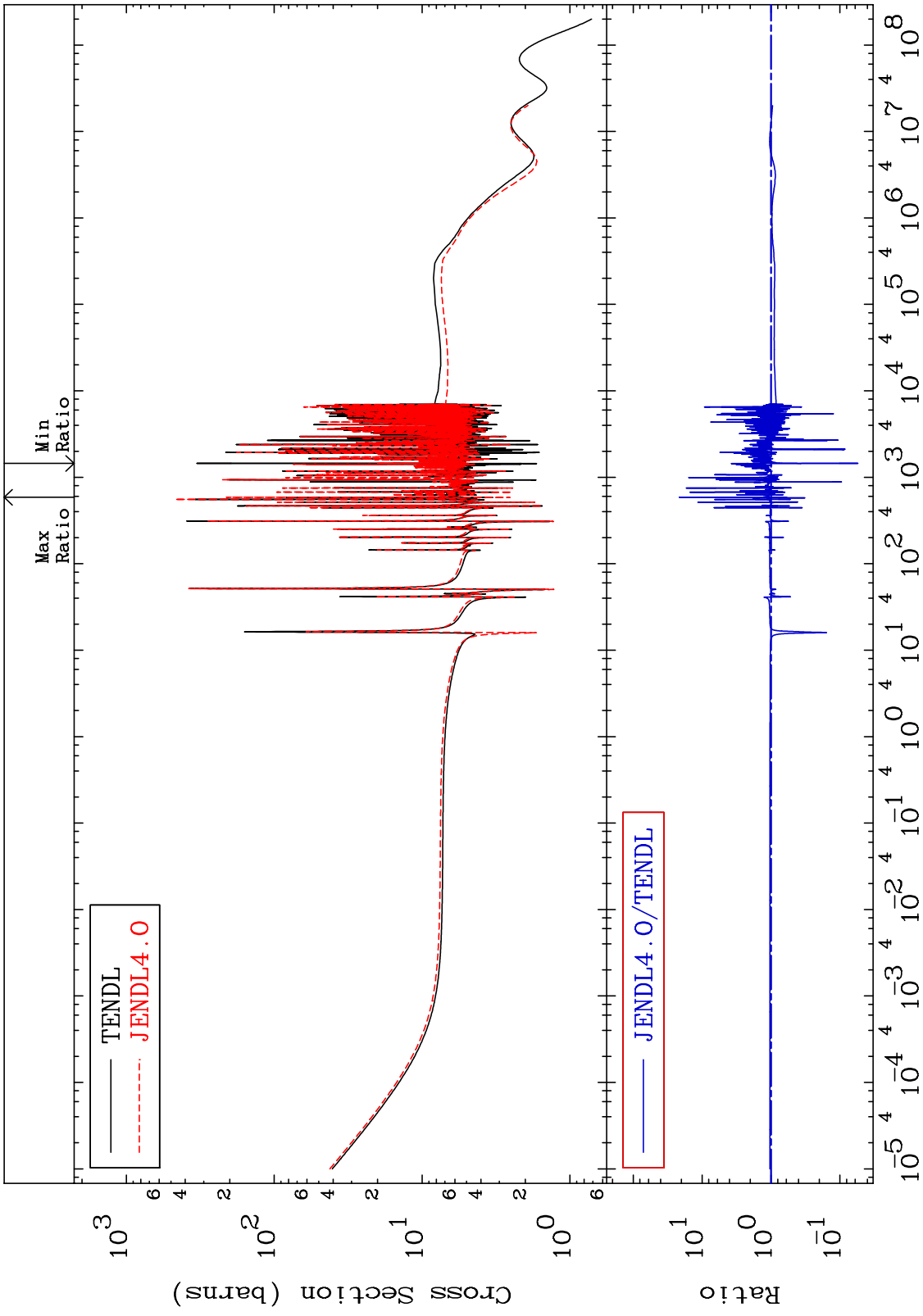
MAT 4725 47-Ag-107 -96.41 To 2287. %

Total Cross Section

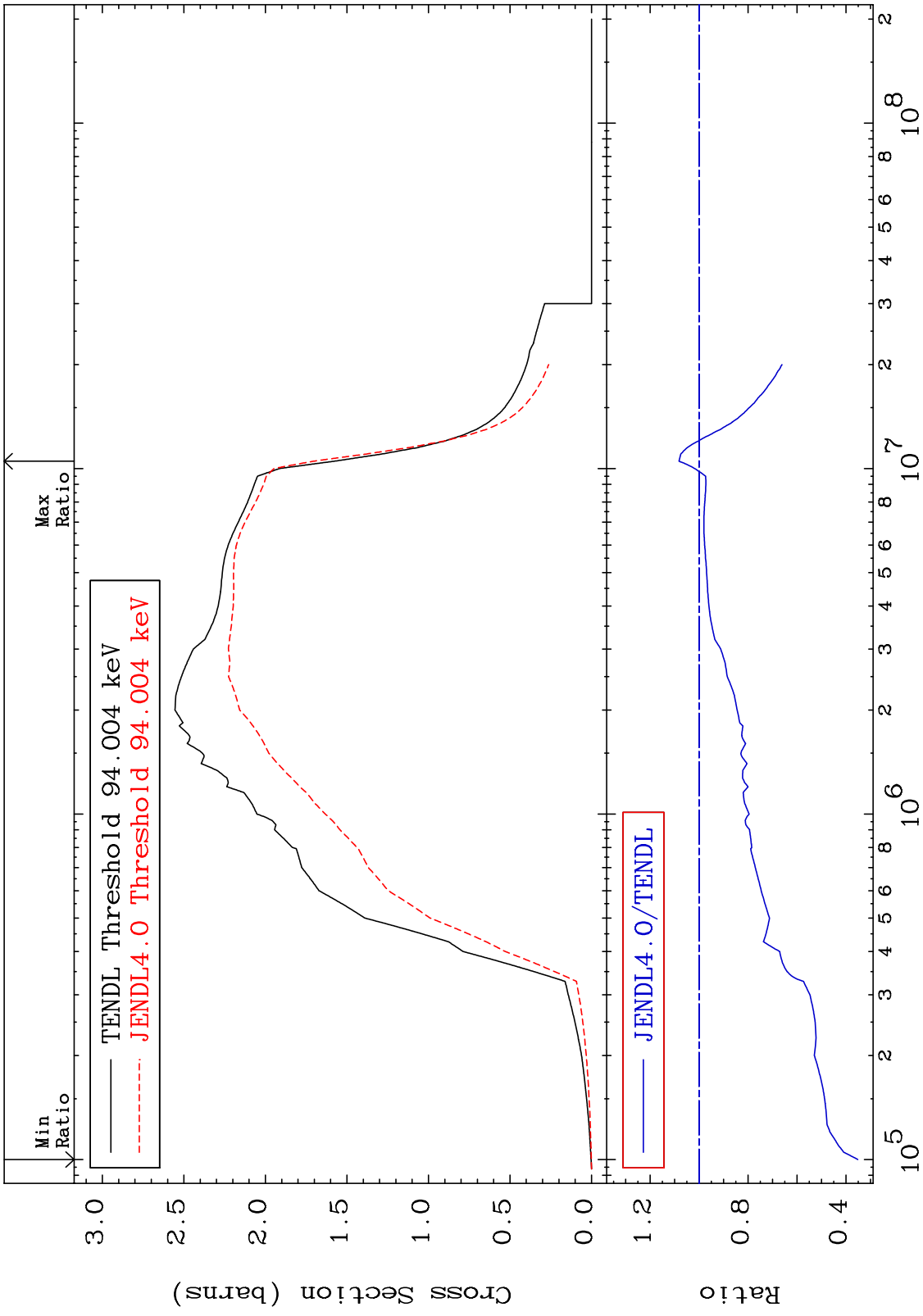


1 Incident Energy (eV) 47-Ag-107

MAT 4725 Elastic Cross Section 47-Ag-107
-94.50 To 2062. %

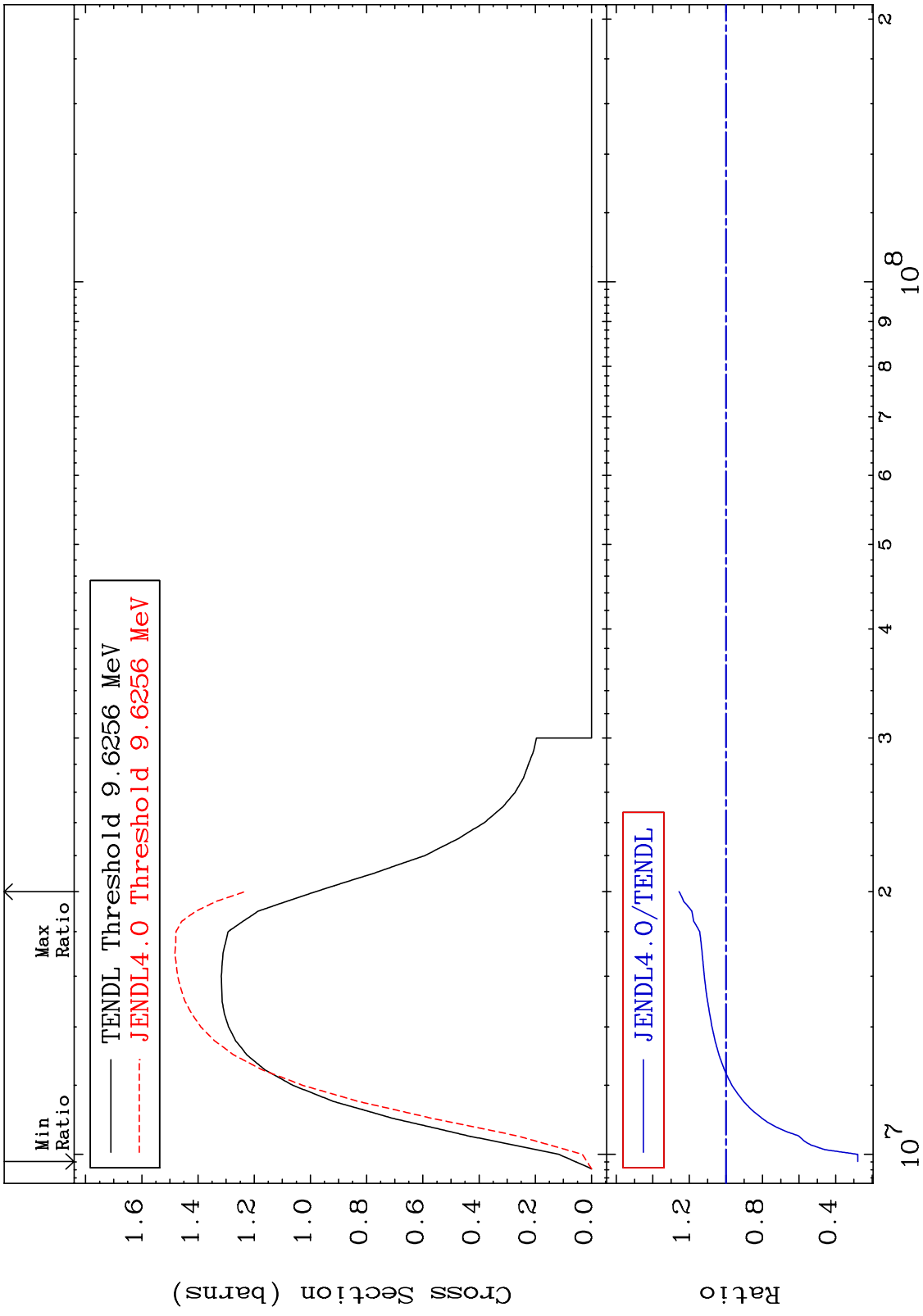


MAT 4725 Inelastic Cross Section 47-Ag-107 -64.88 To 8.212 %



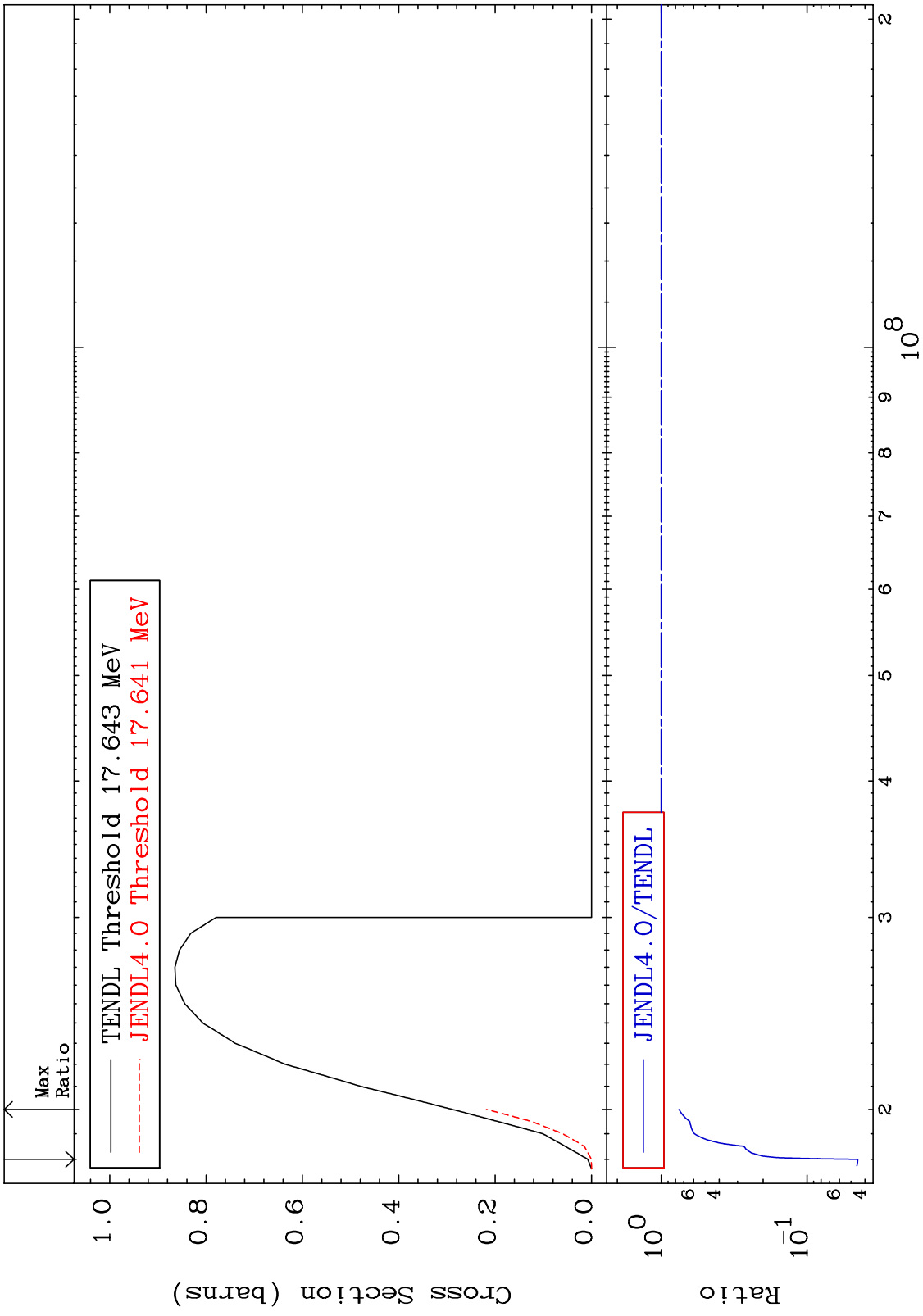
47-Ag-107

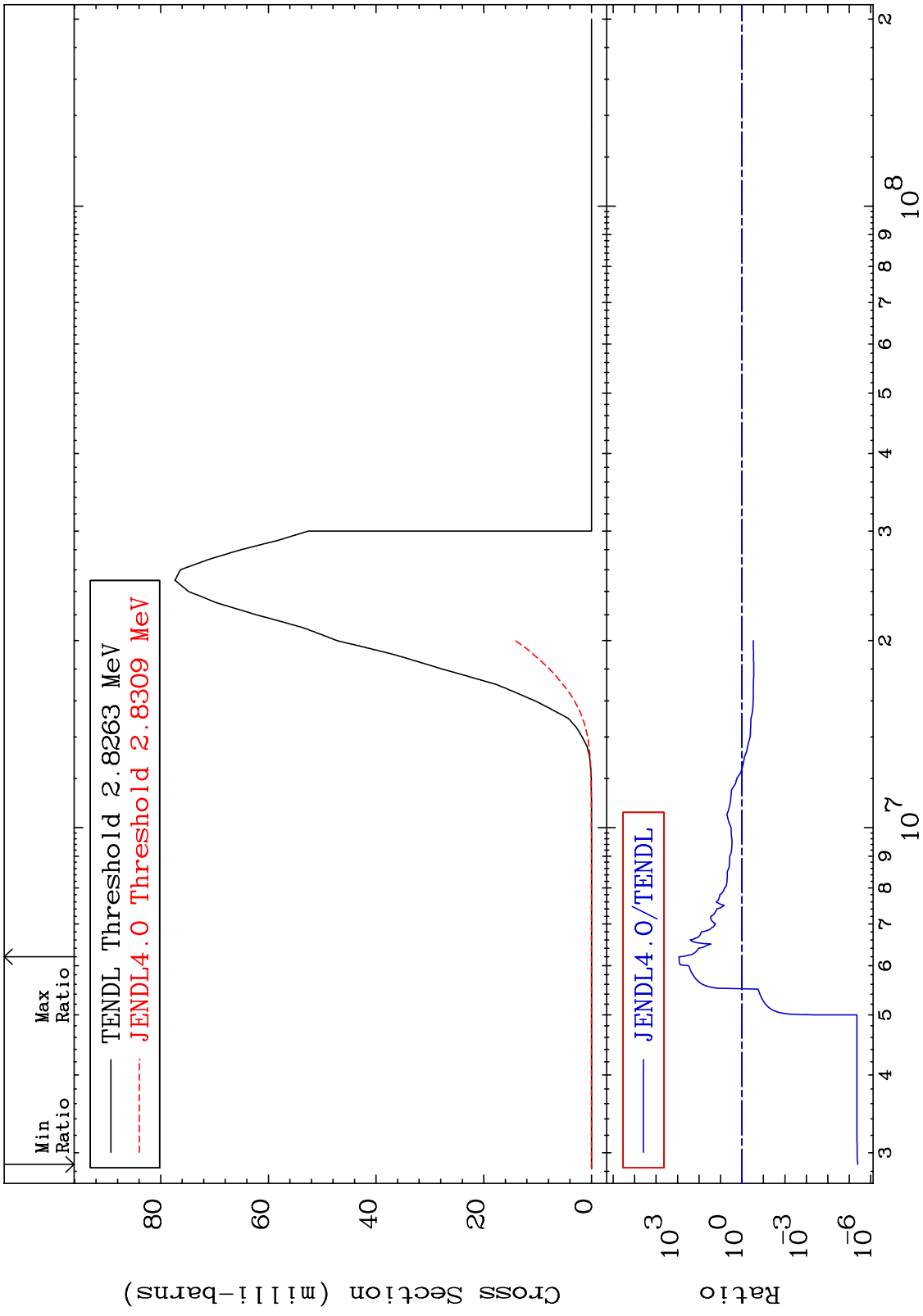
MAT 4725 (n,2n) Cross Section 47-Ag-107 -72.12 To 25.64 %



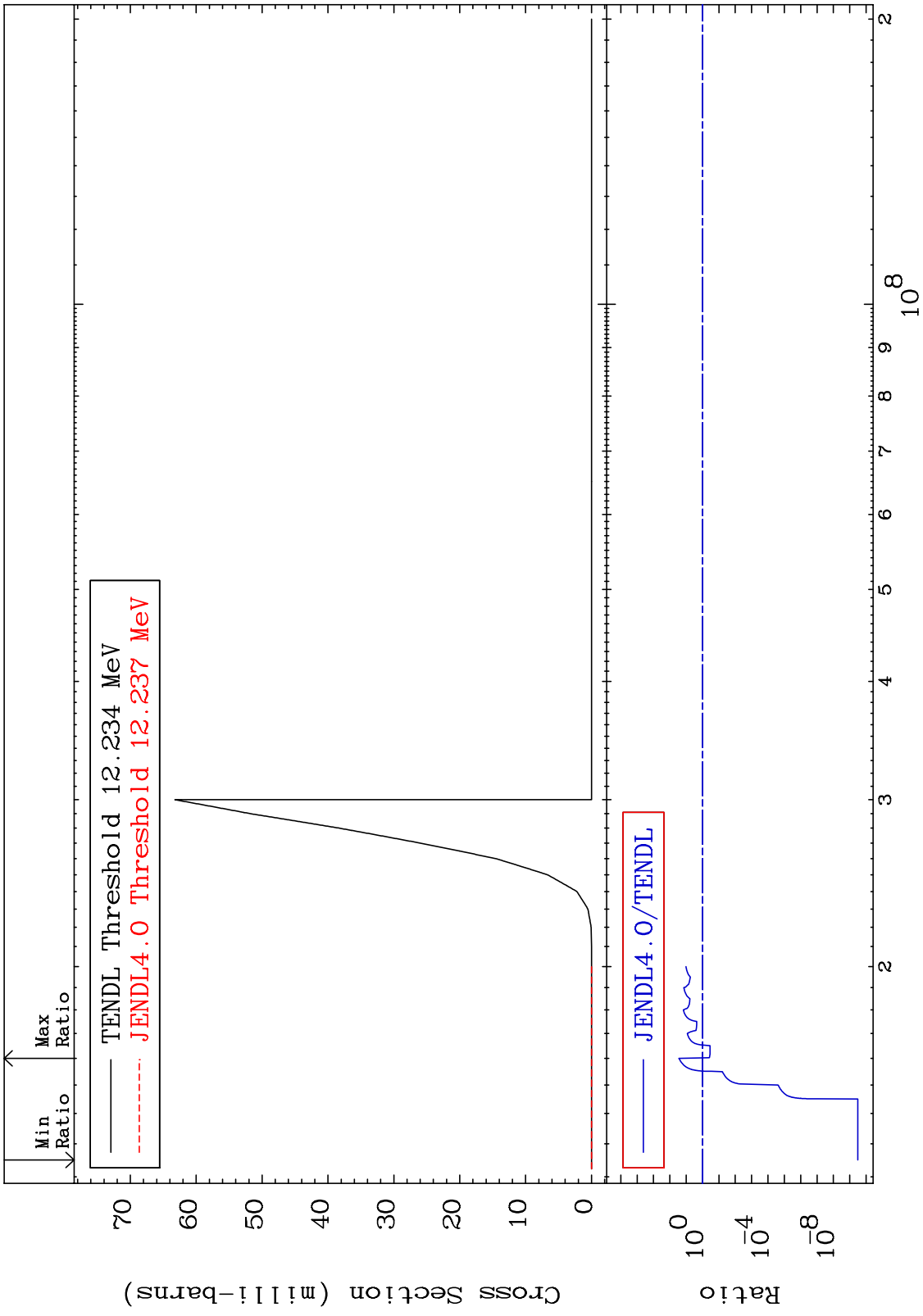
47-Ag-107

MAT 4725 (n,3n) Cross Section 47-Ag-107 -95.52 To -24.48%

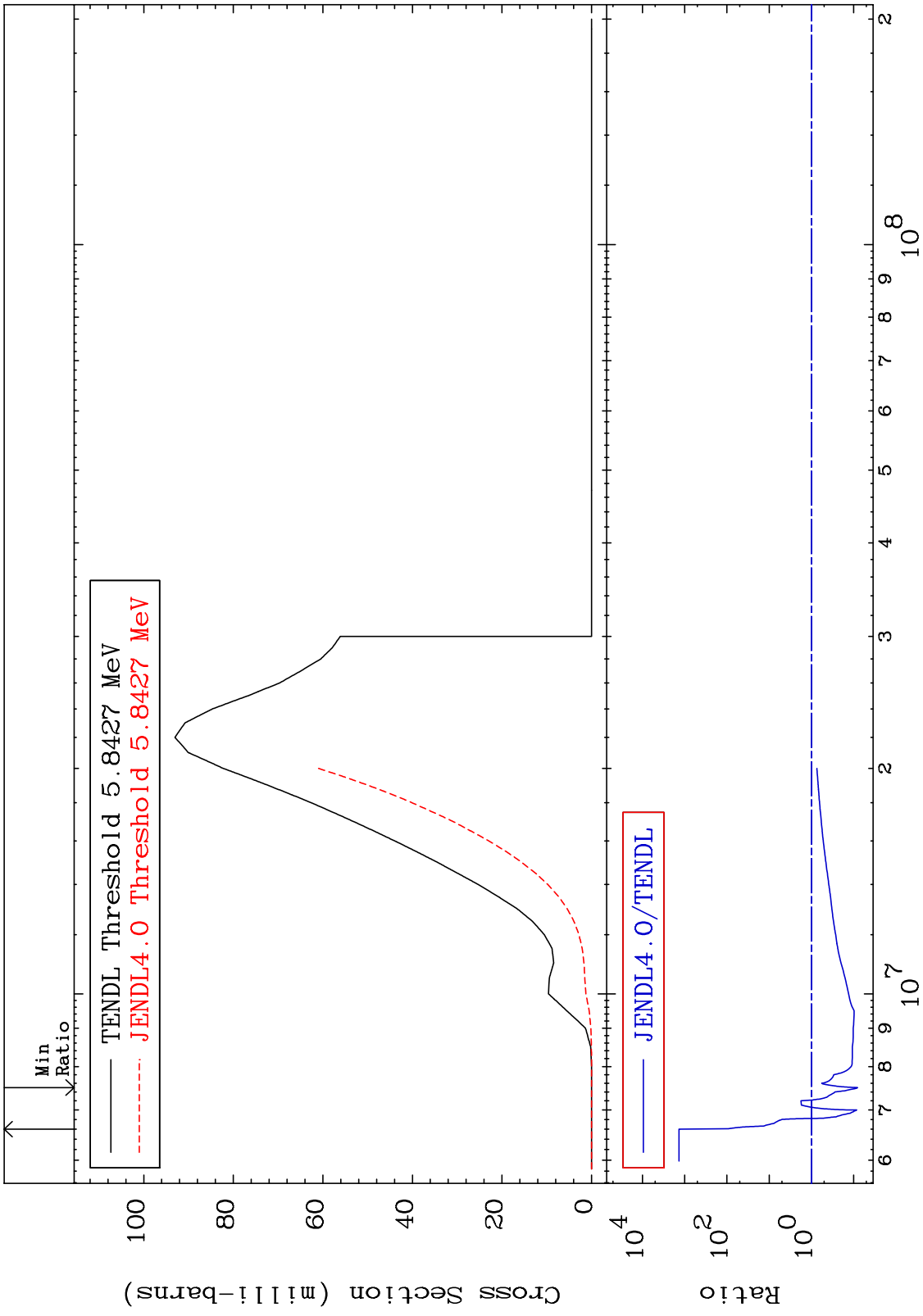




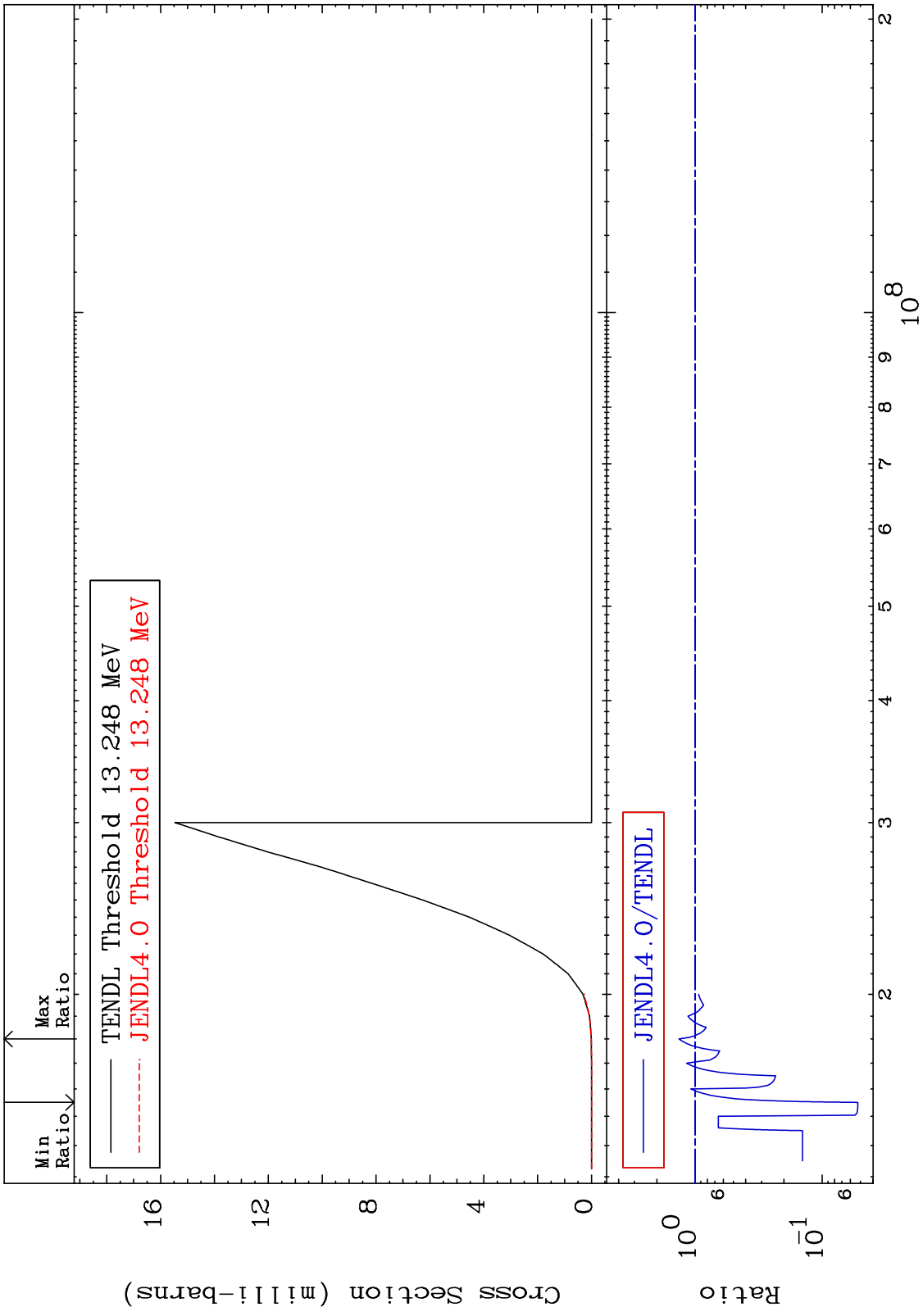
MAT 4725 (n,2n) α 47-Ag-107
 Cross Section -100.0 To 2633. %



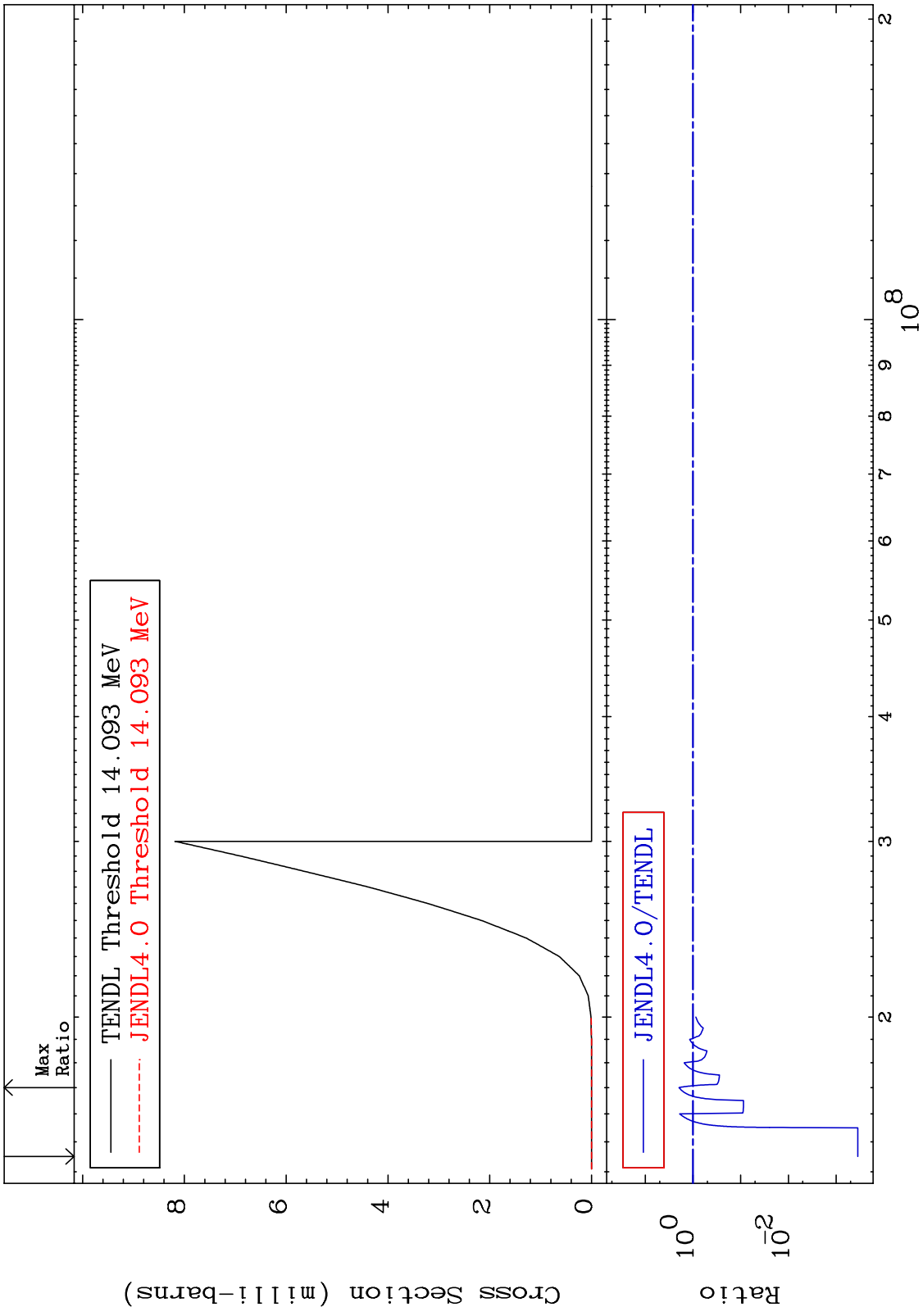
MAT 4725 (n,n') p 47-Ag-107
Cross Section -92.07 To 9999. %

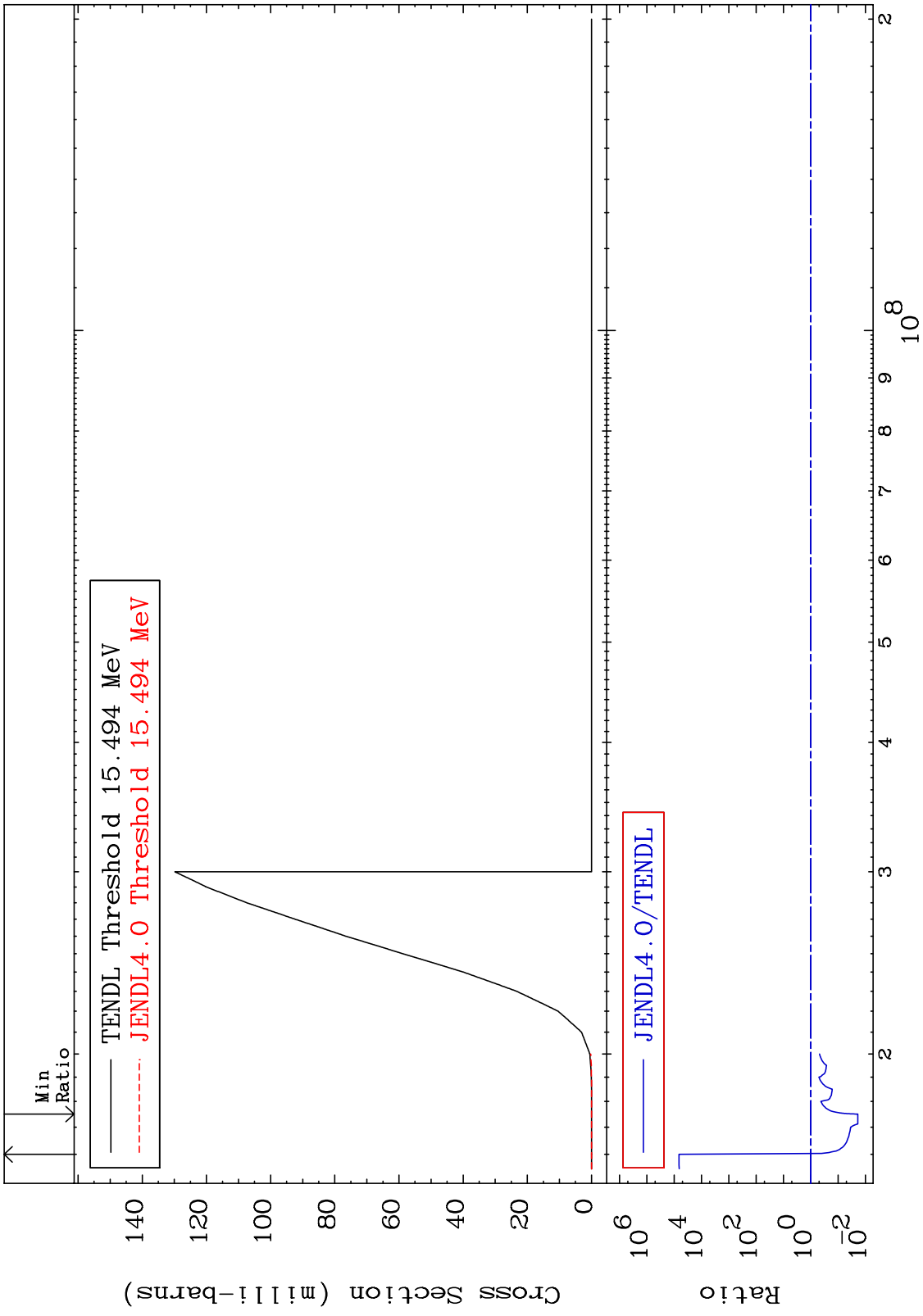


MAT 4725 (n, n') d 47-Ag-107
 Cross Section -94.75 To 33.79 %

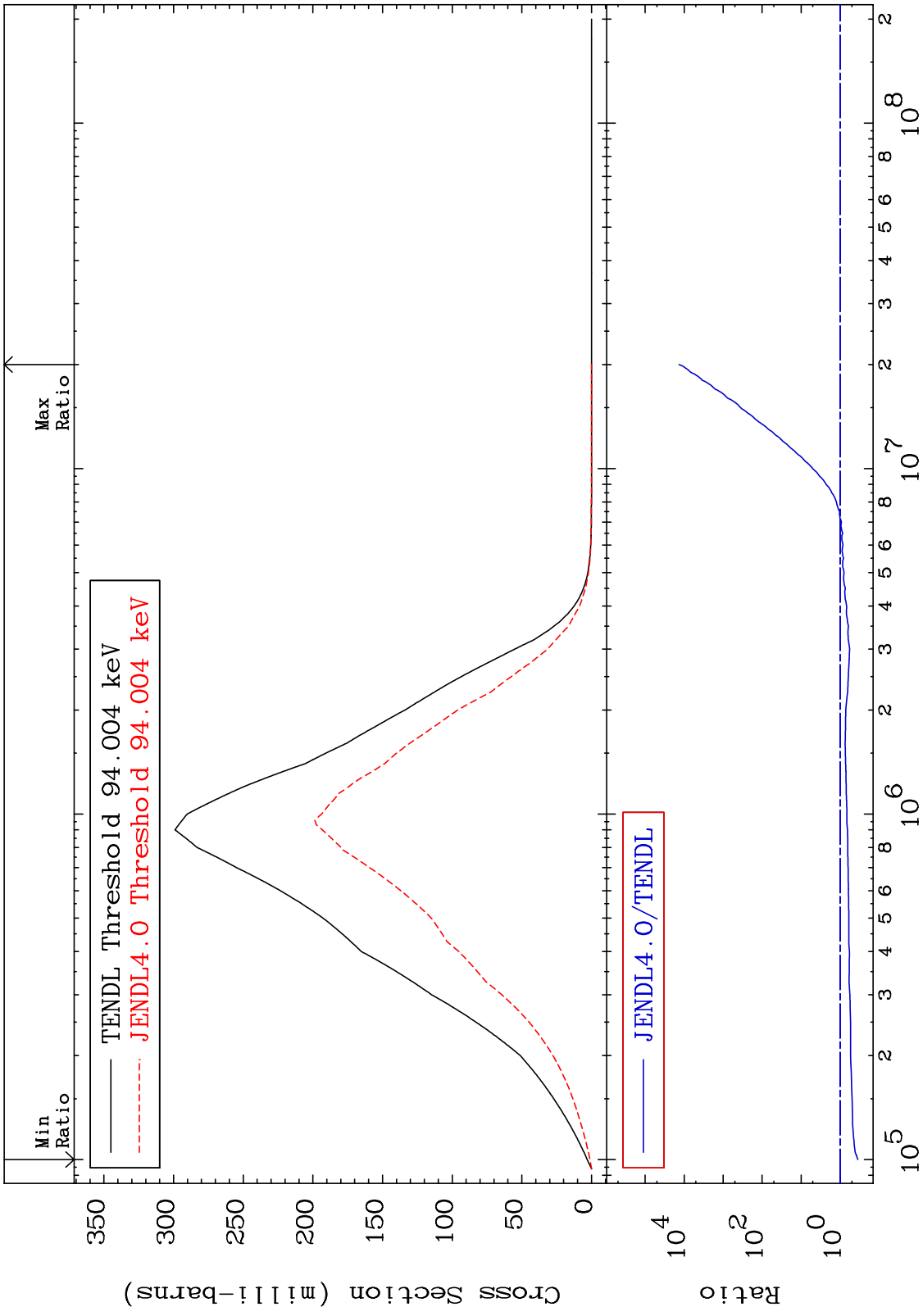


MAT 4725 (n,n') t 47-Ag-107
Cross Section -99.96 To 96.20 %



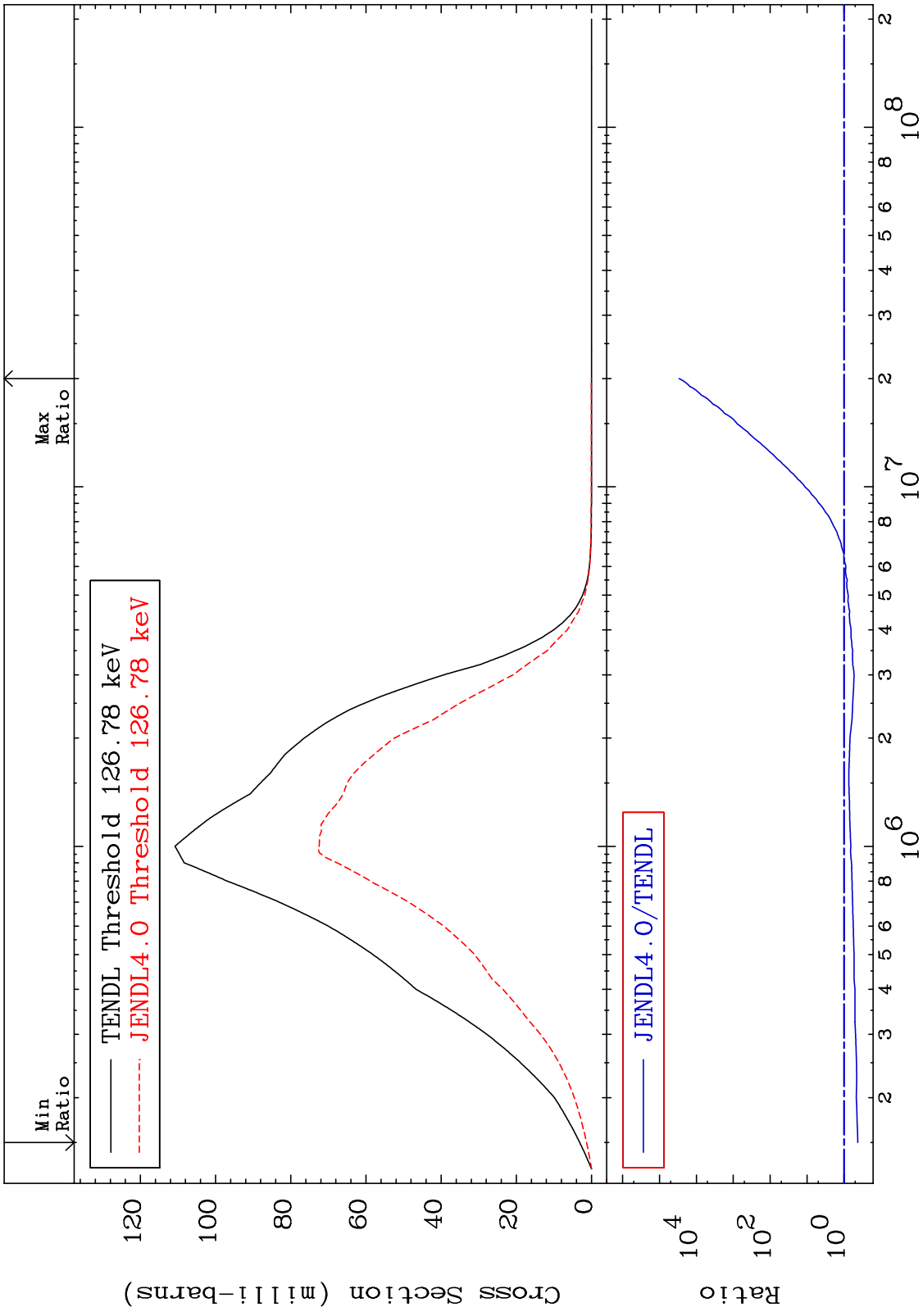


MAT 4725 MT= 51 (n,n') Level Cross Section 47-Ag-107
 -64.88 To 9999. %

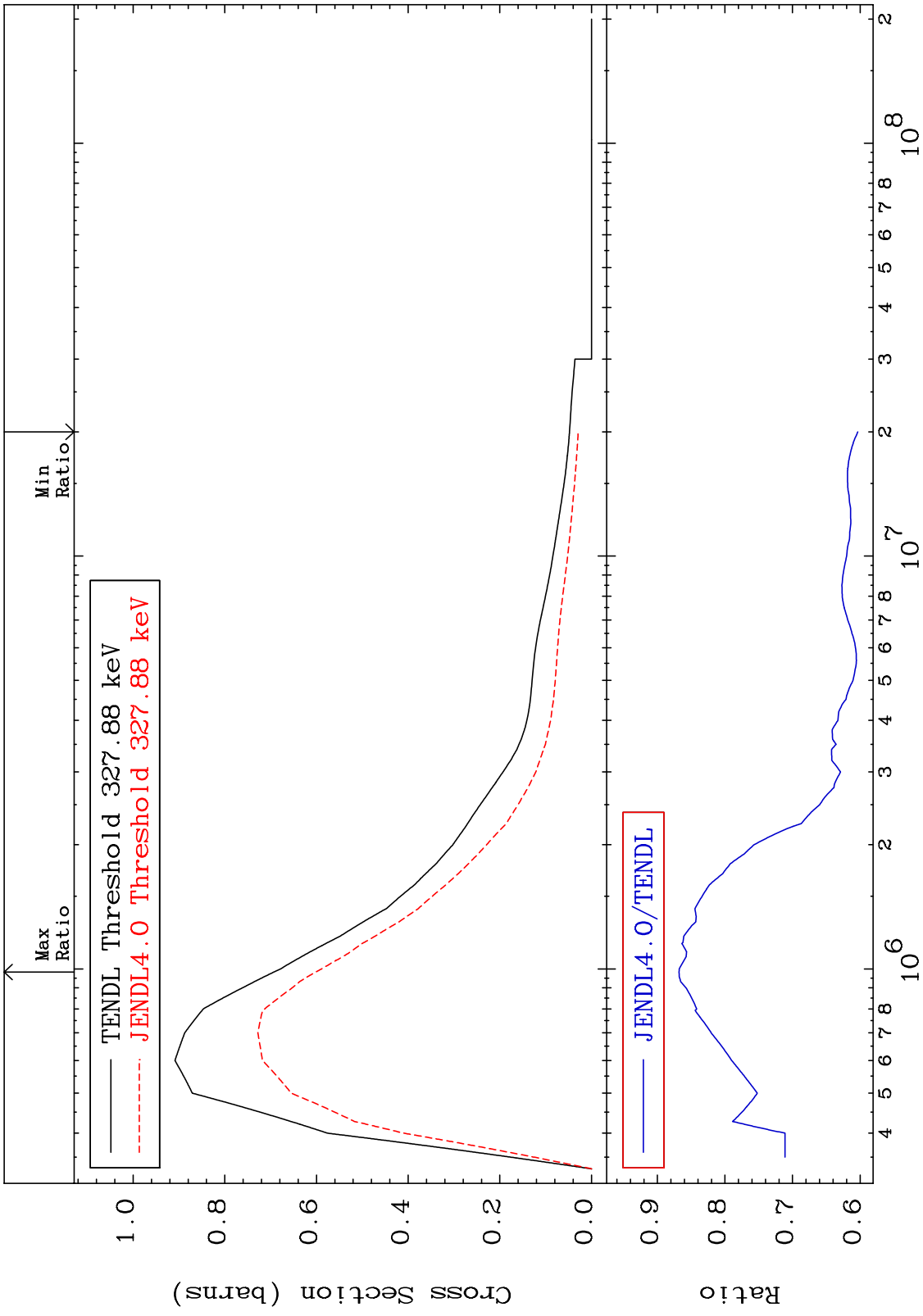


12 Incident Energy (eV) 47-Ag-107

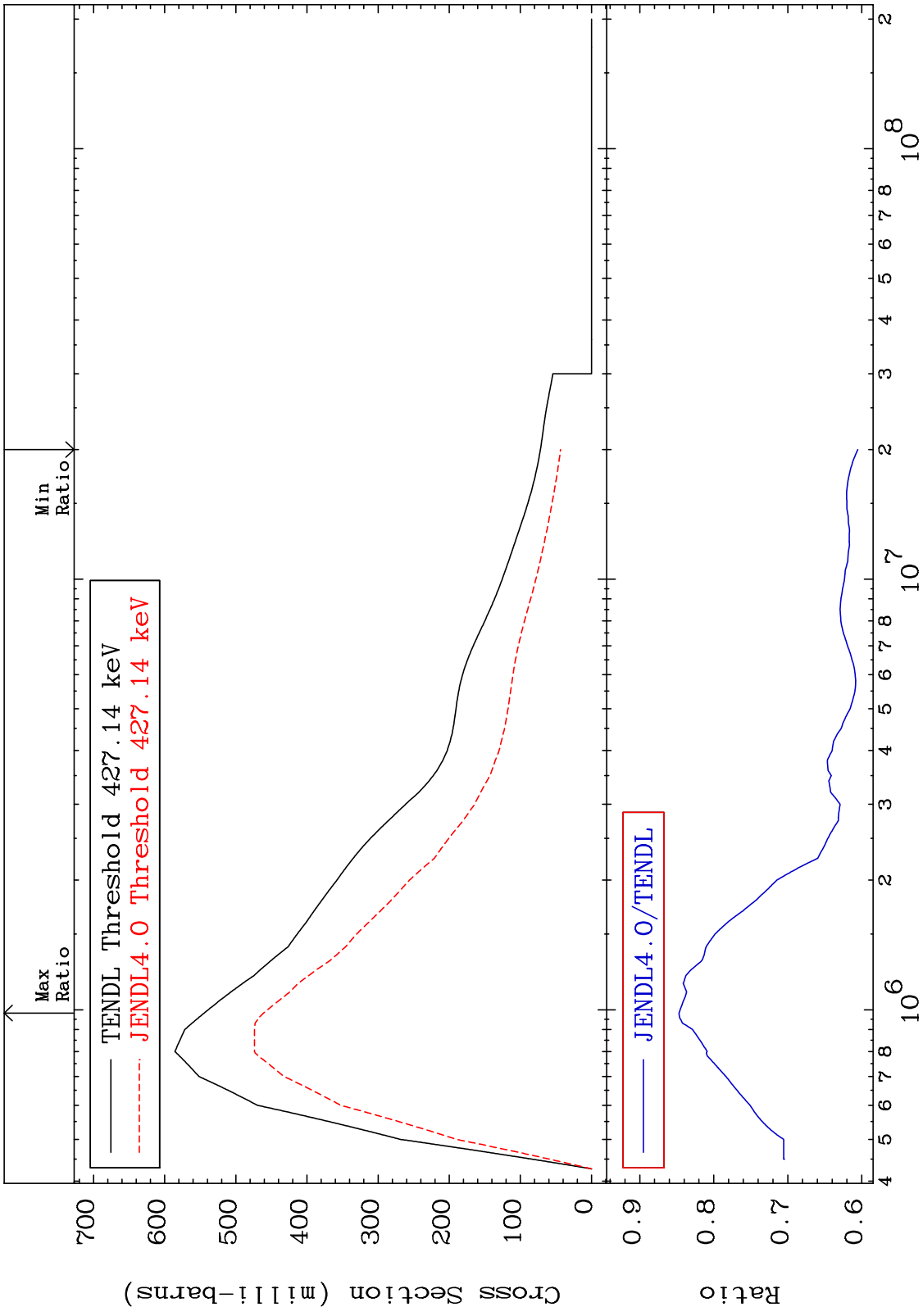
MAT 4725 MT= 52 (n,n') Level Cross Section 47-Ag-107
 -57.85 To 9999. %



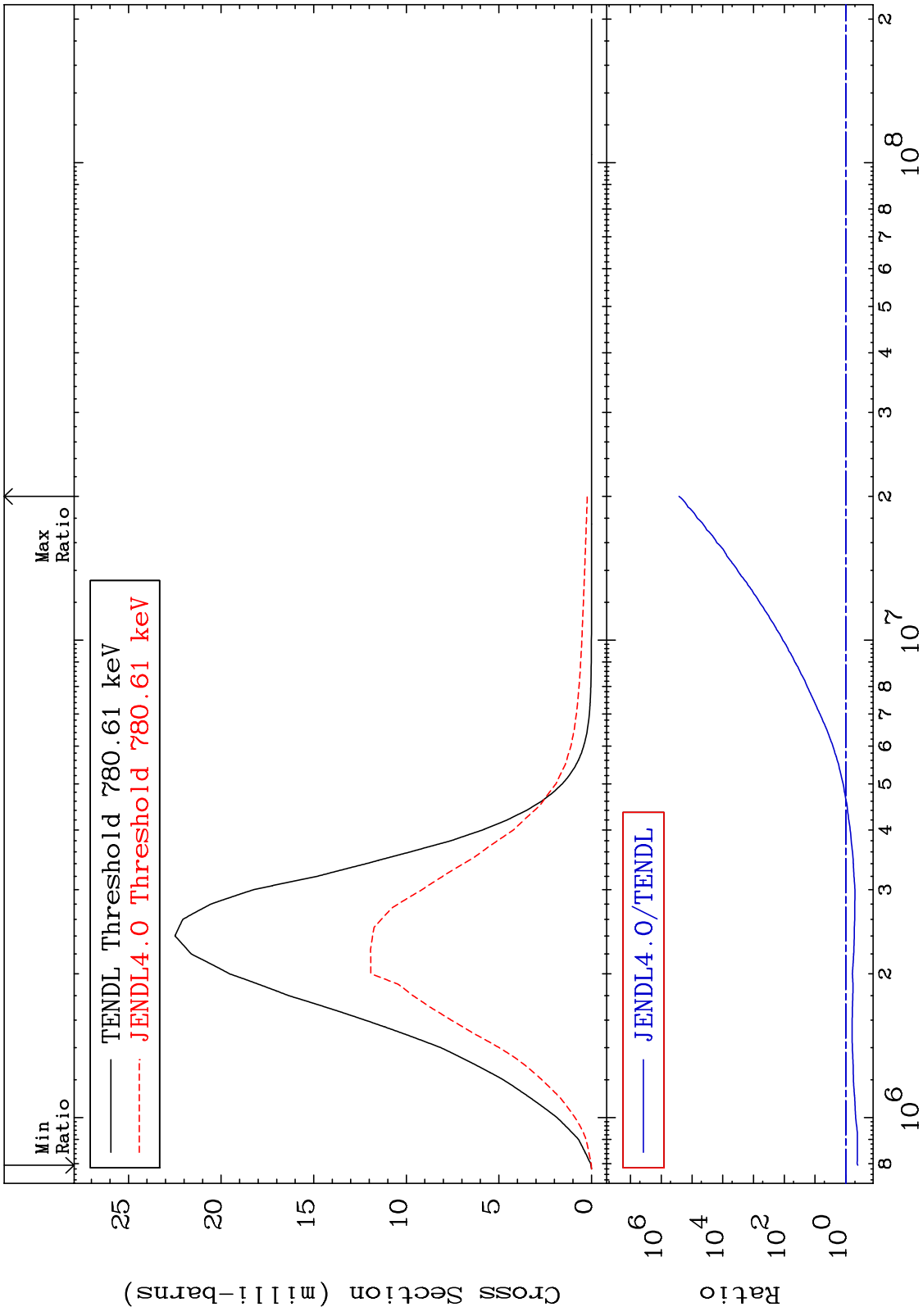
MAT 4725 MT= 53 (n,n') Level Cross Section 47-Ag-107
 -39.67 To -13.20%



MAT 4725 MT= 54 (n,n') Level Cross Section -39.47 To -15.31% 47-Ag-107

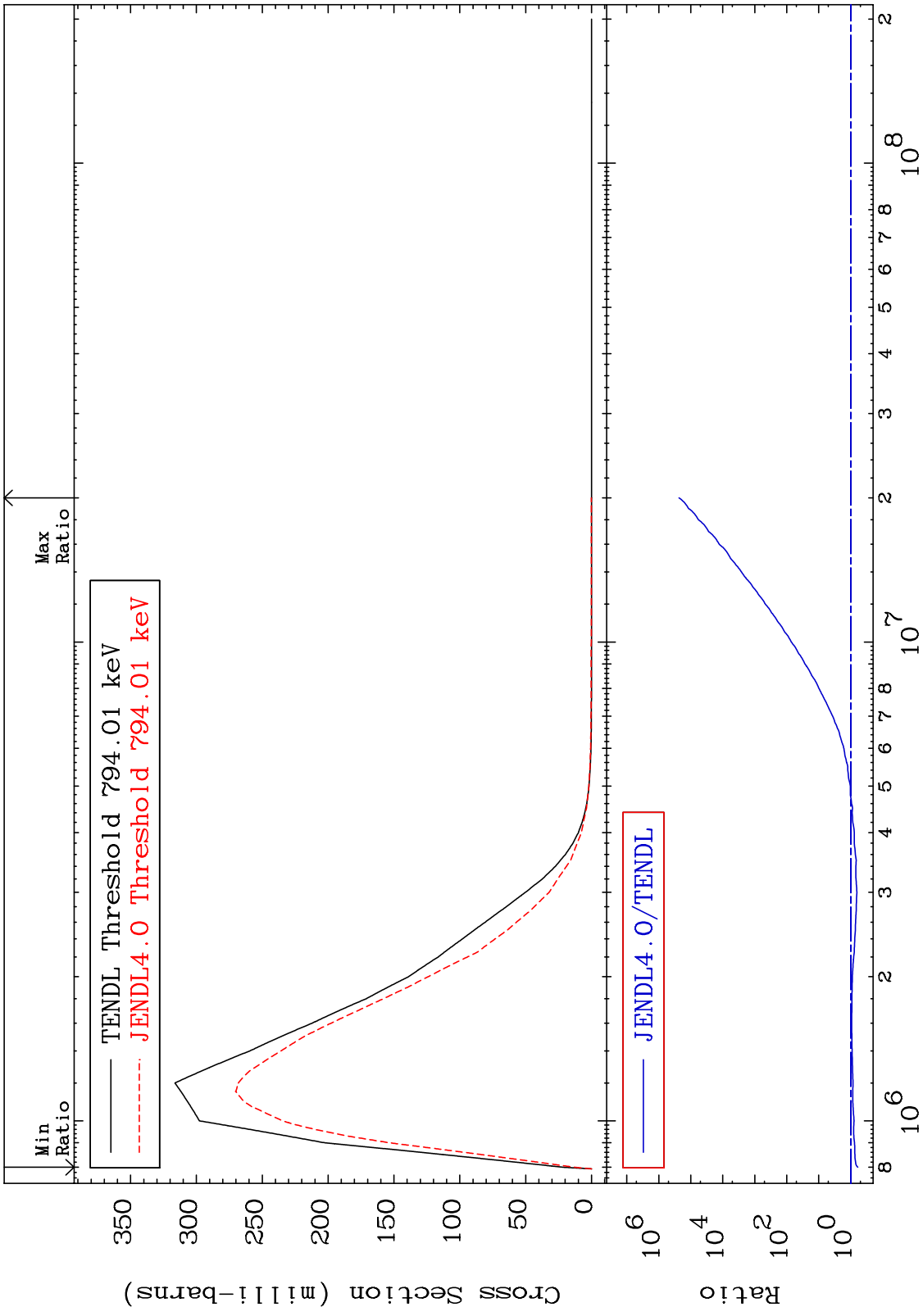


MAT 4725 MT= 55 (n,n') Level Cross Section -59.51 To 9999. % 47-Ag-107



16 47-Ag-107

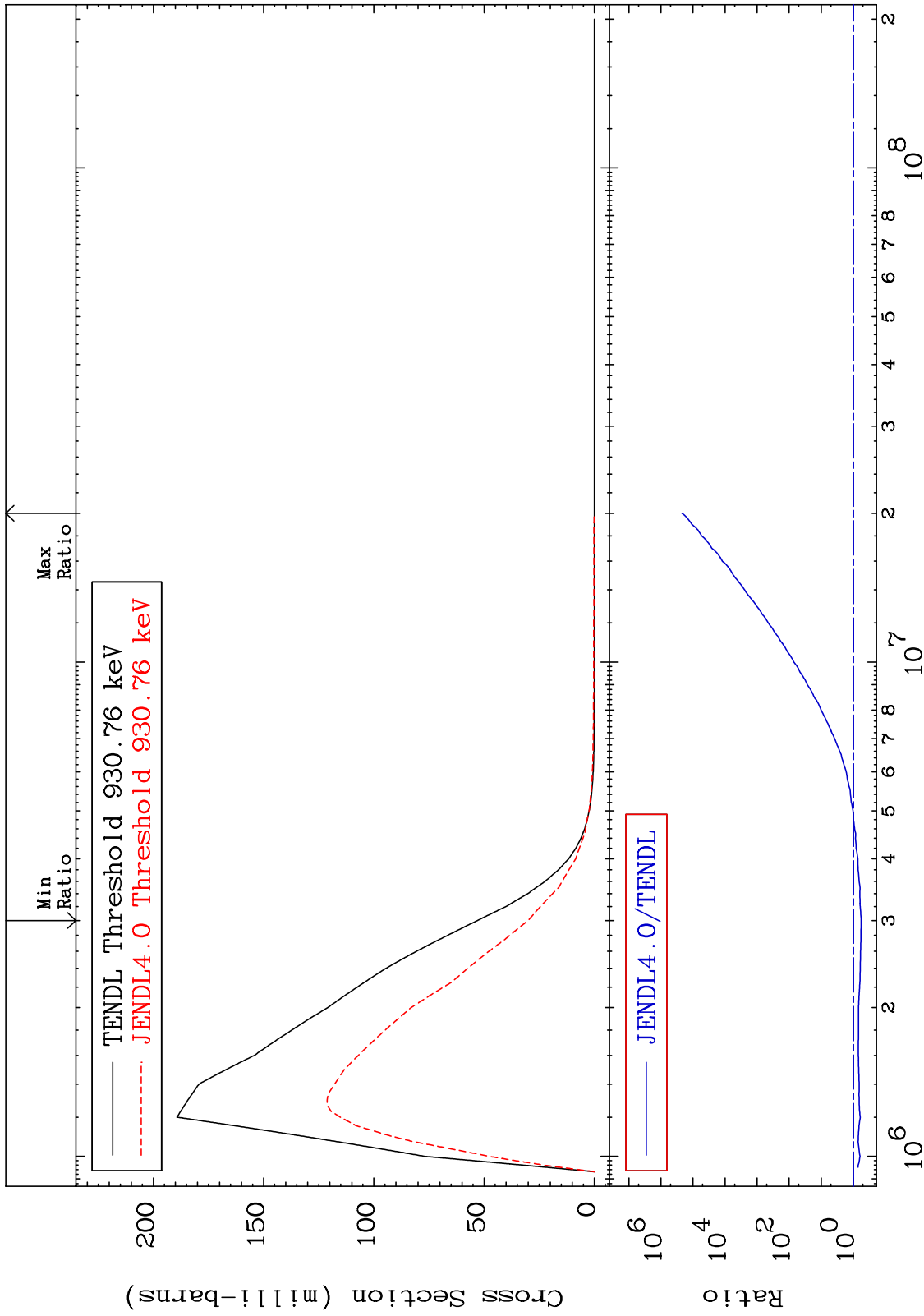
MAT 4725 MT= 56 (n,n') Level Cross Section -40.04 To 9999. % 47-Ag-107



MAT 4725

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

47-Ag-107
-43.31 To 9999. %

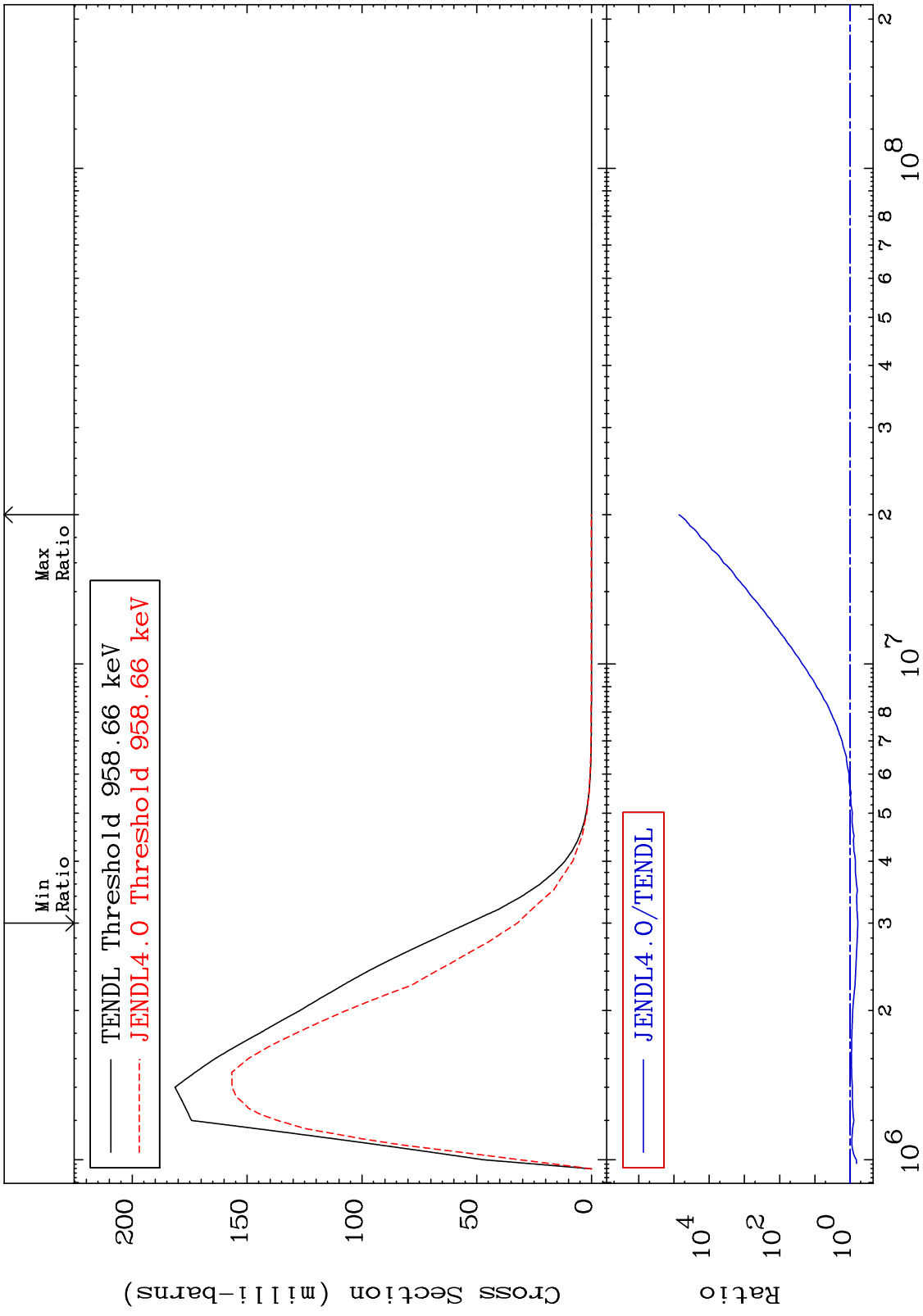


18

Incident Energy (eV)

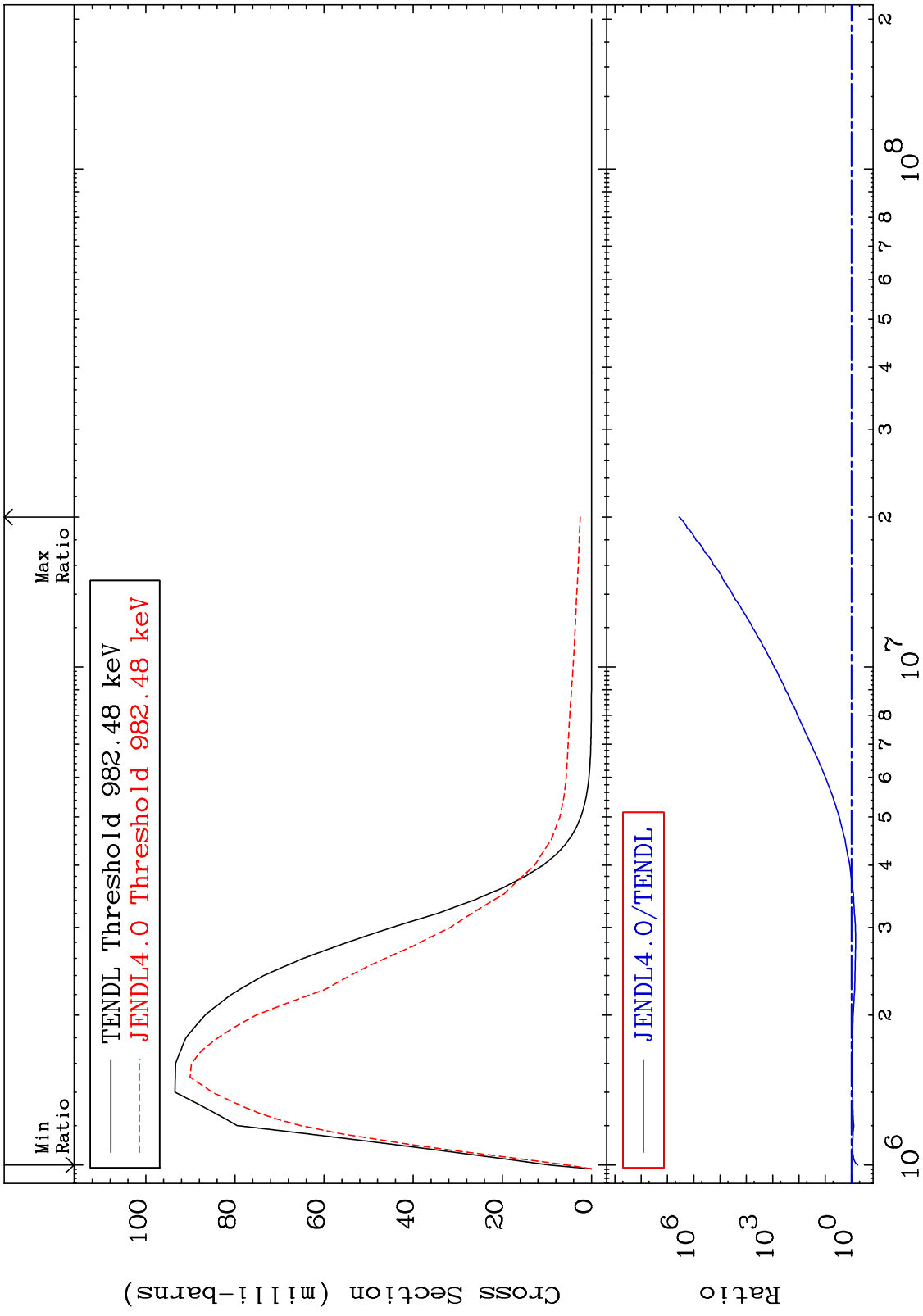
47-Ag-107

MAT 4725 MT= 58 (n,n') Level Cross Section 47-Ag-107
 -39.72 To 9999. %



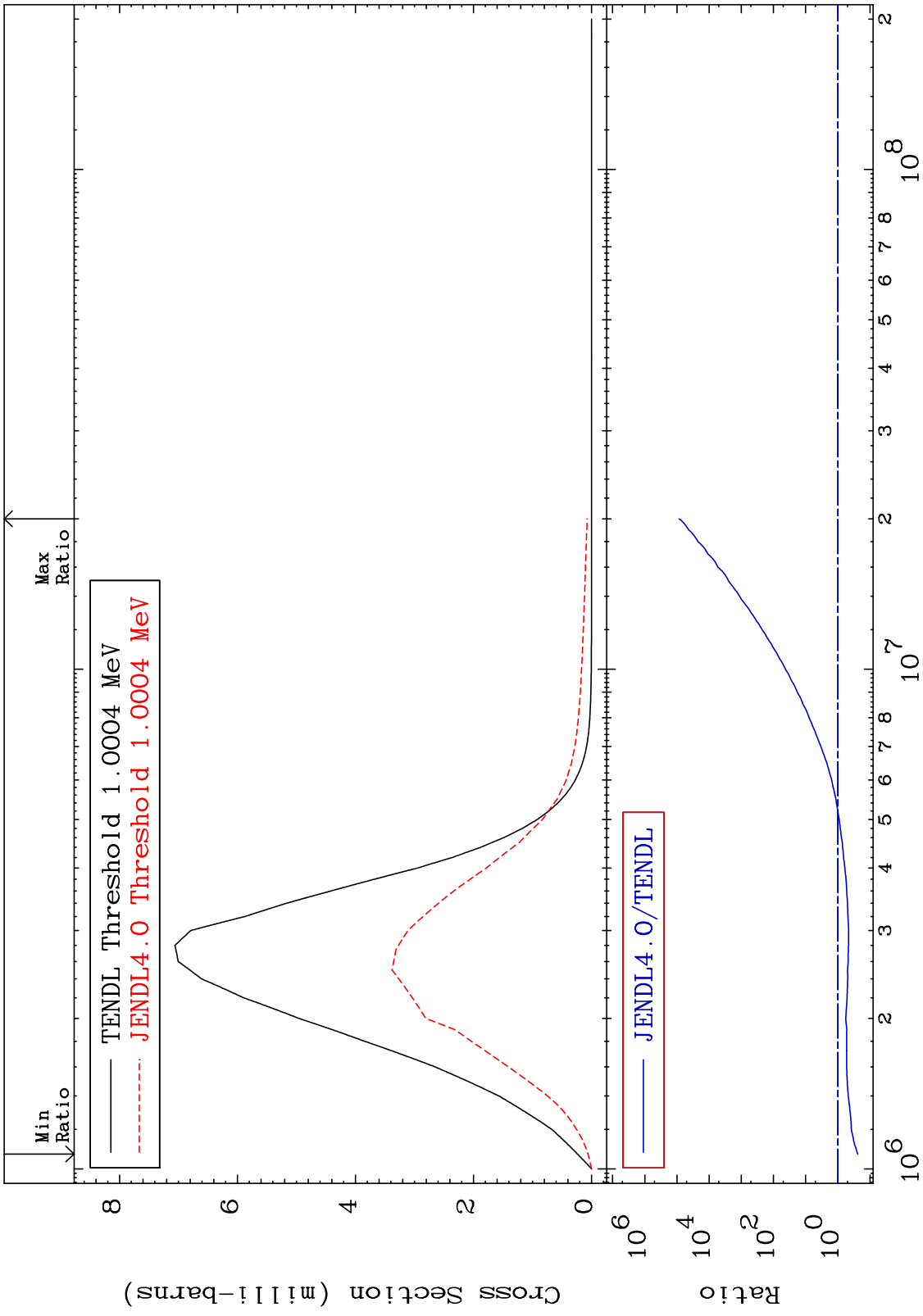
19 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 59 (n,n') Level Cross Section -42.50 To 9999. % 47-Ag-107

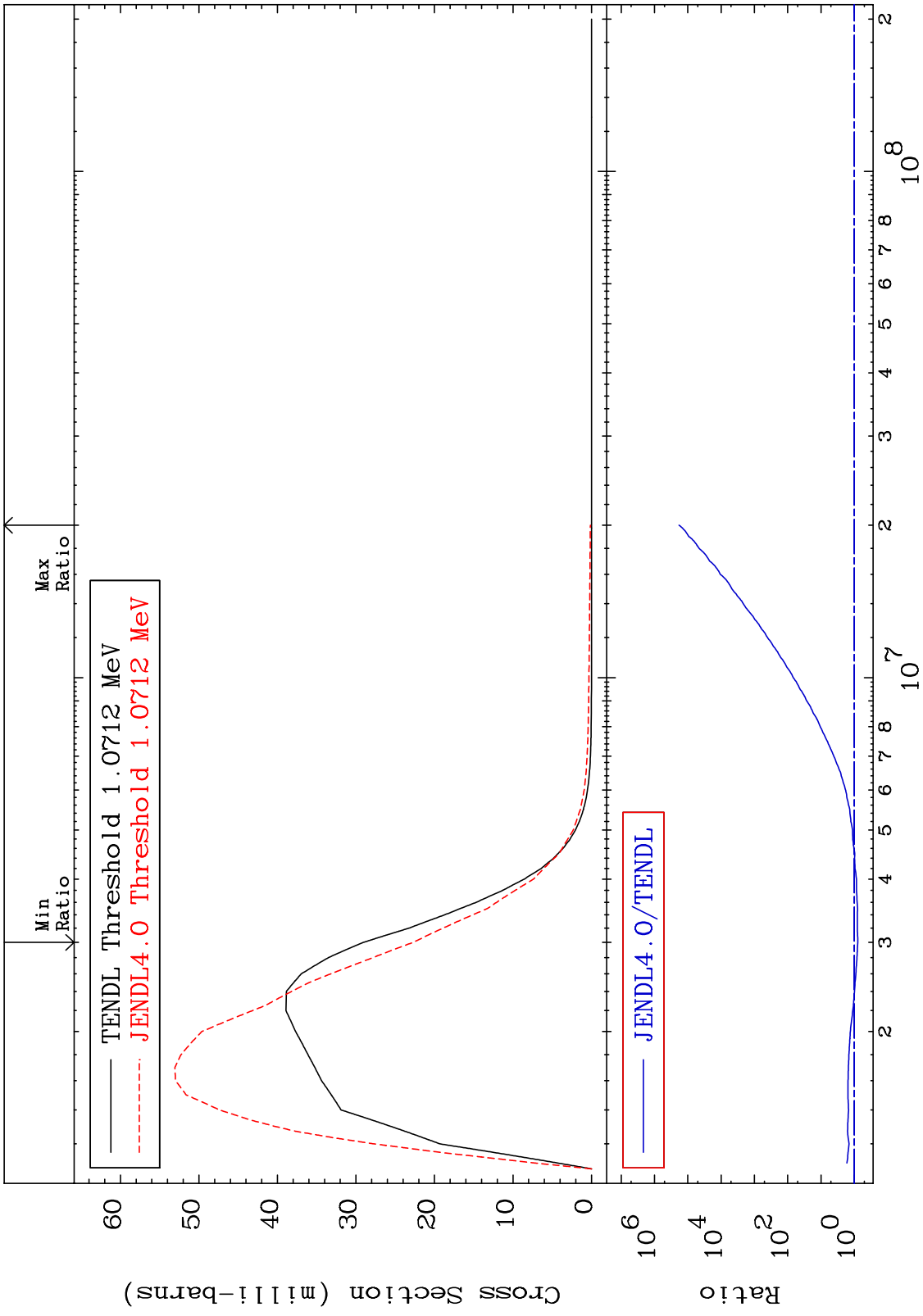


20 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 20 47-Ag-107

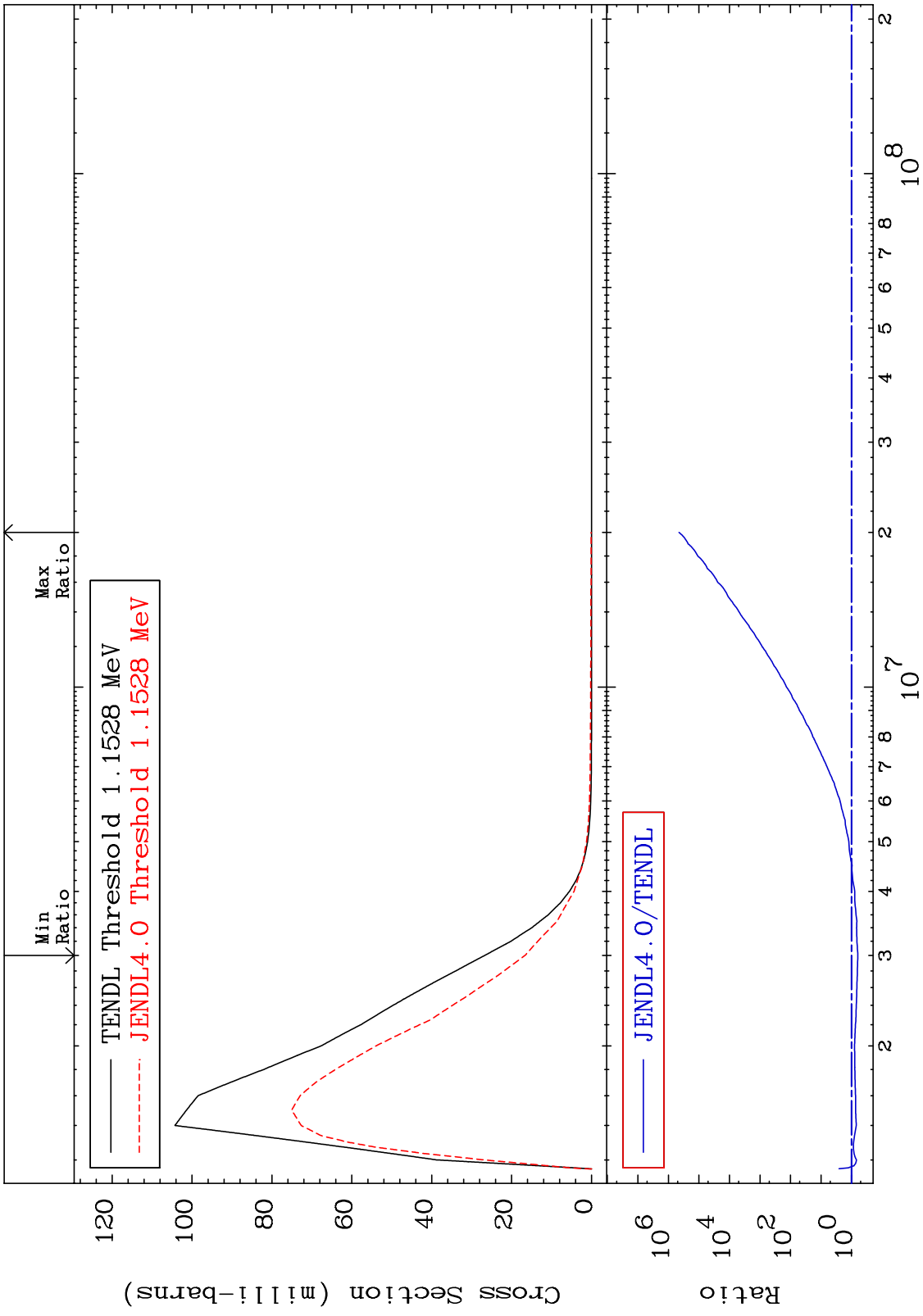
MAT 4725 MT= 60 (n,n') Level Cross Section -76.16 To 9999. % 47-Ag-107



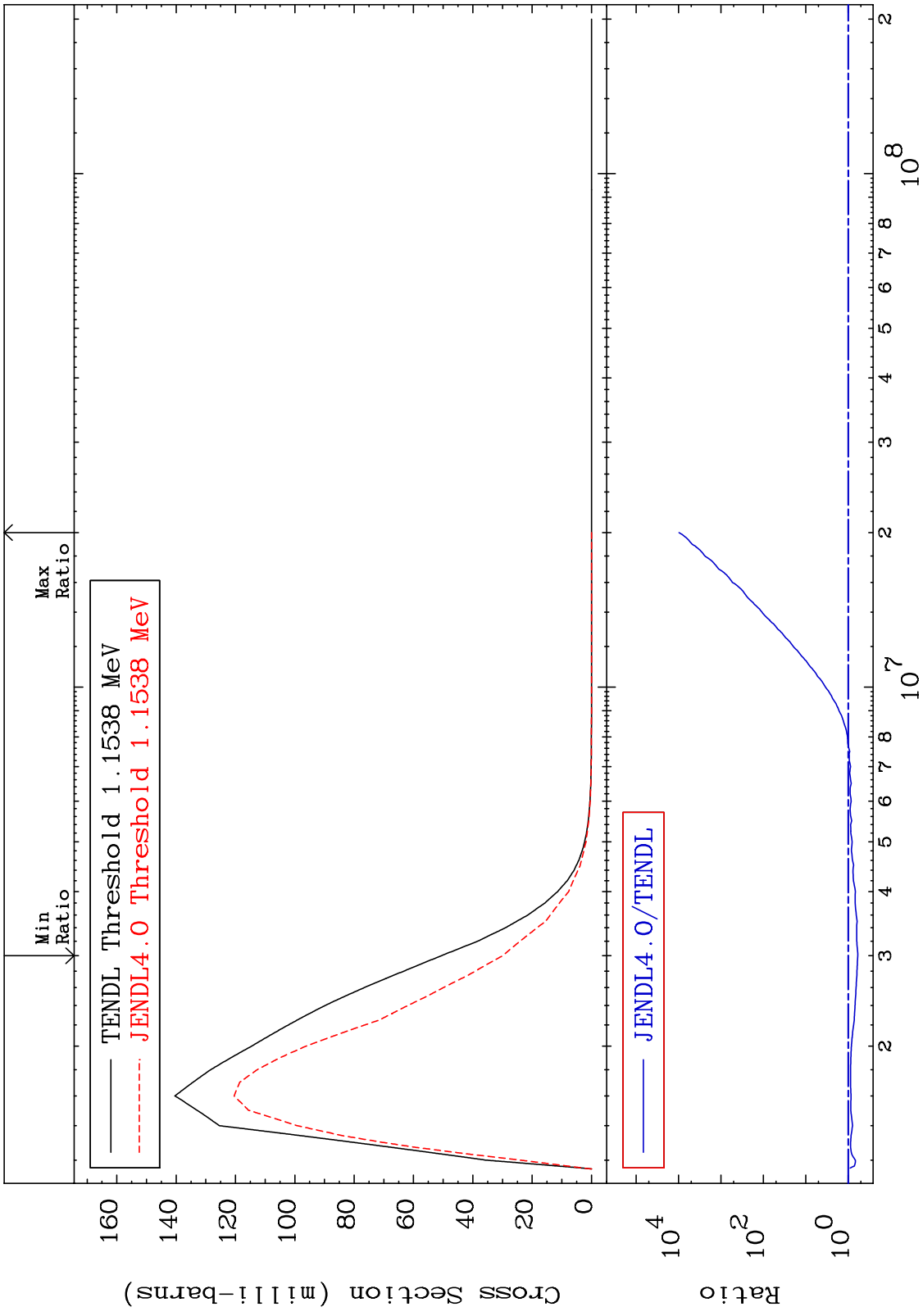
MAT 4725 MT= 61 (n,n') Level Cross Section -21.78 To 9999. % 47-Ag-107



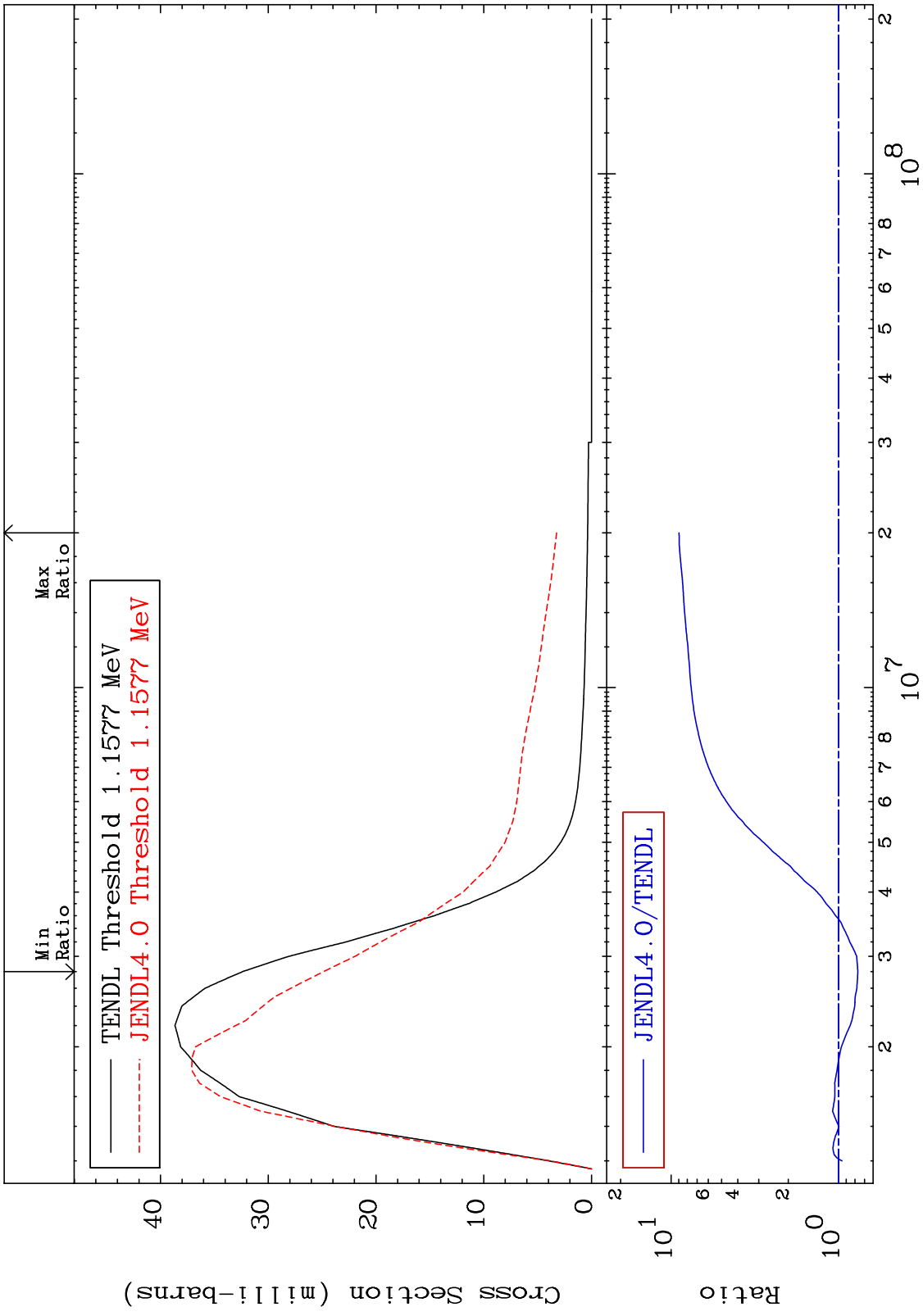
MAT 4725 MT= 62 (n,n') Level Cross Section 47-Ag-107
 -37.78 To 9999. %



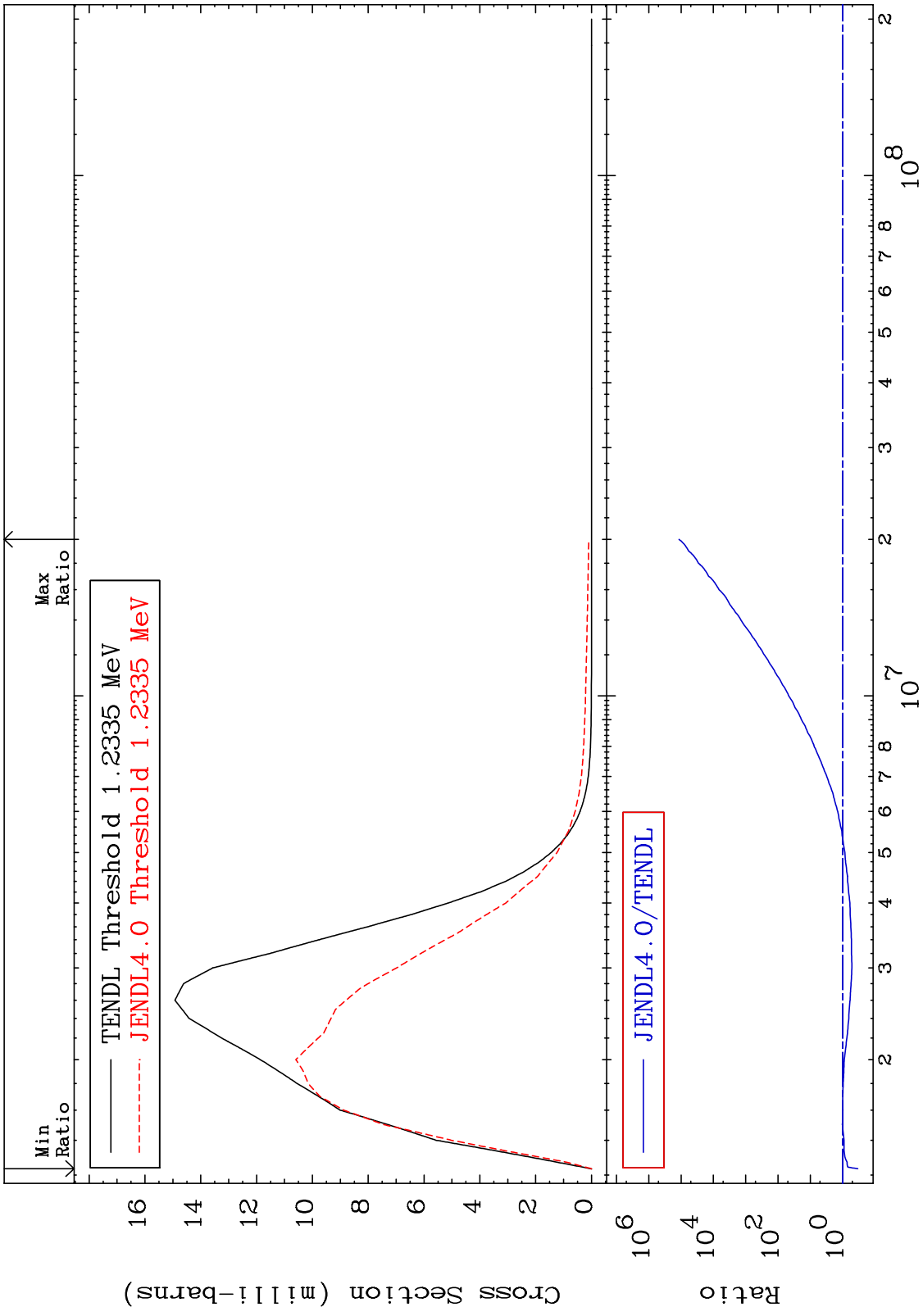
MAT 4725 MT= 63 (n,n') Level Cross Section 47-Ag-107
 -40.83 To 9999. %



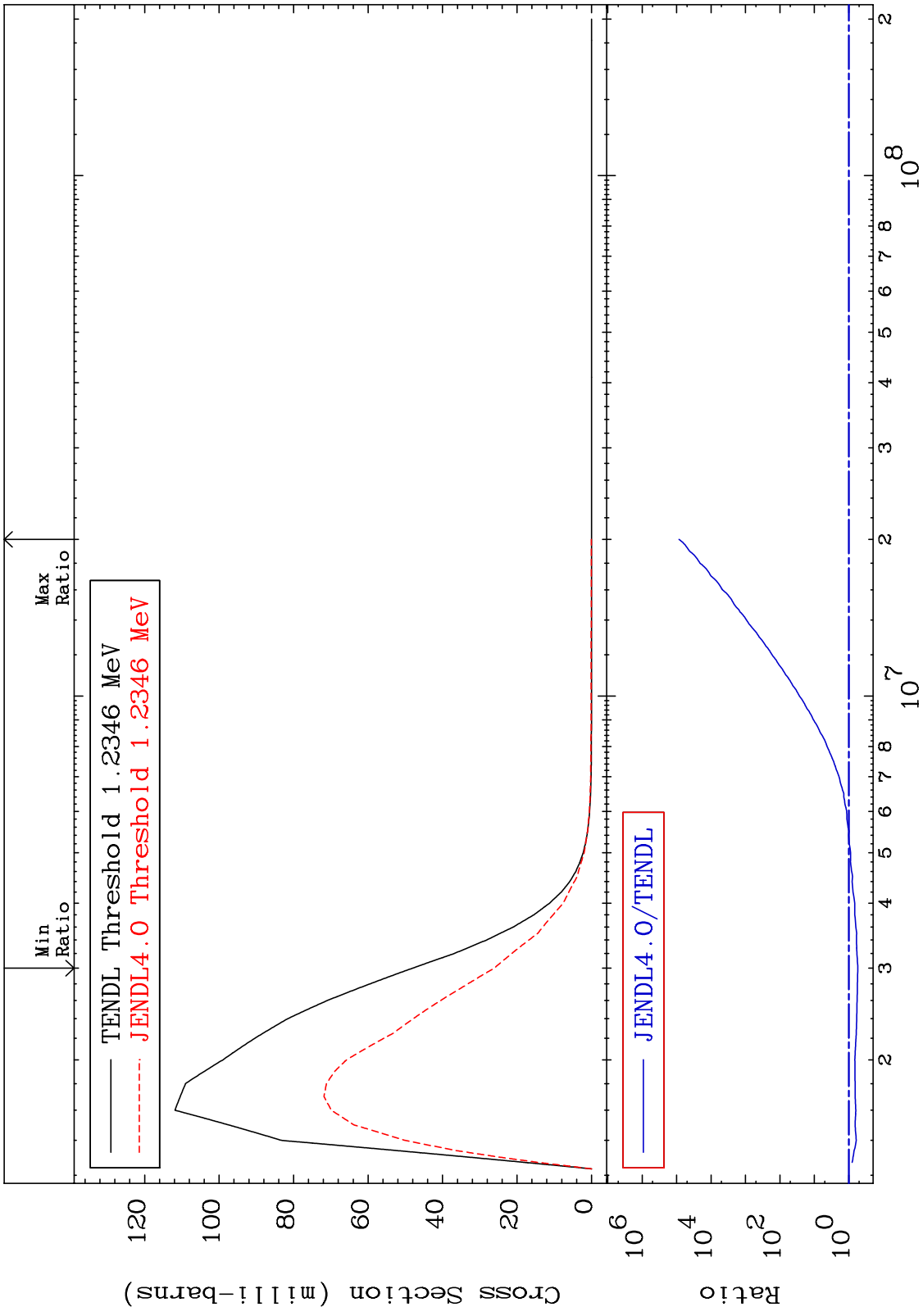
MAT 4725 MT= 64 (n,n') Level Cross Section 47-Ag-107
 -23.20 To 797.0 %



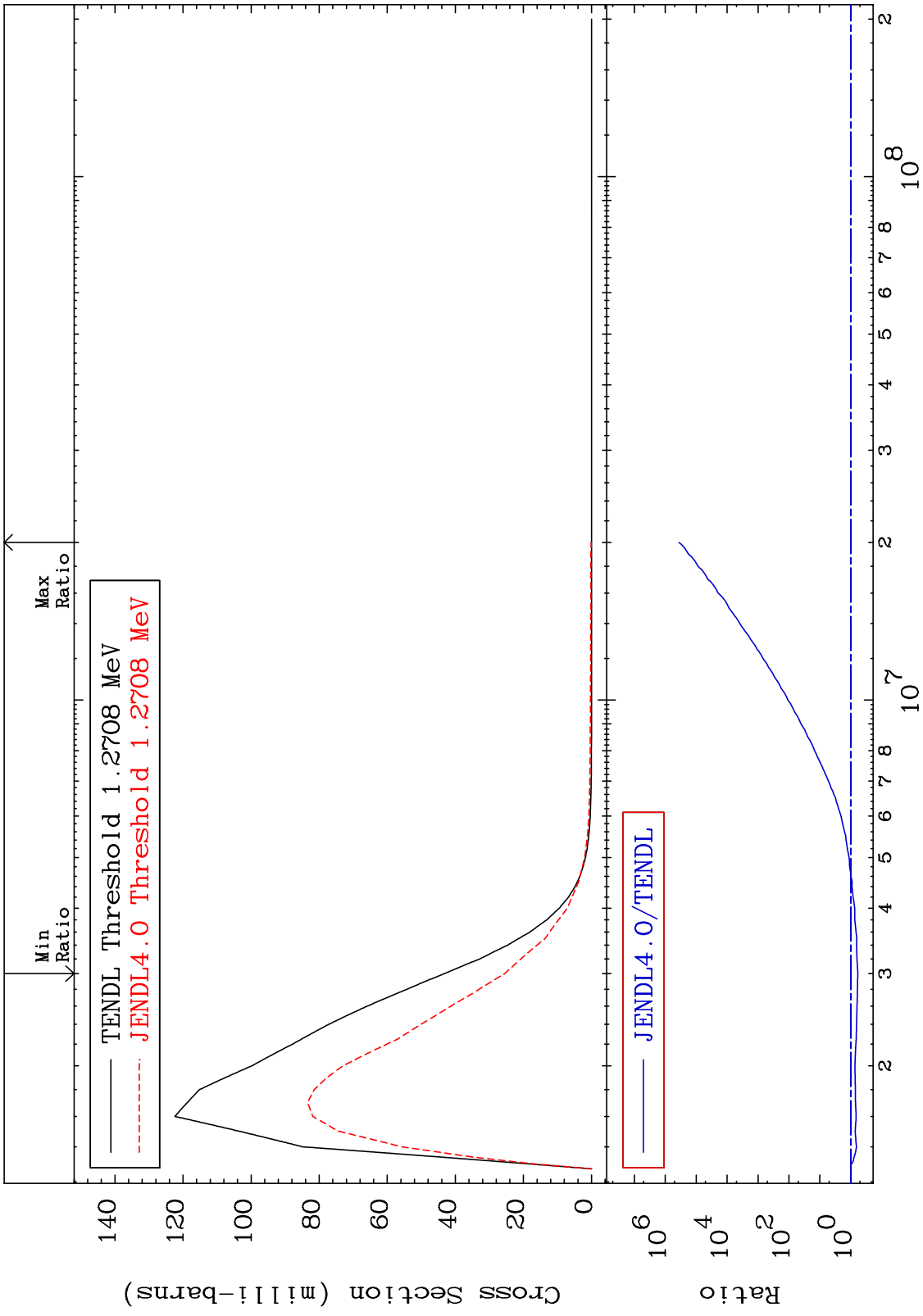
MAT 4725 MT= 65 (n,n') Level Cross Section -66.17 To 9999. % 47-Ag-107



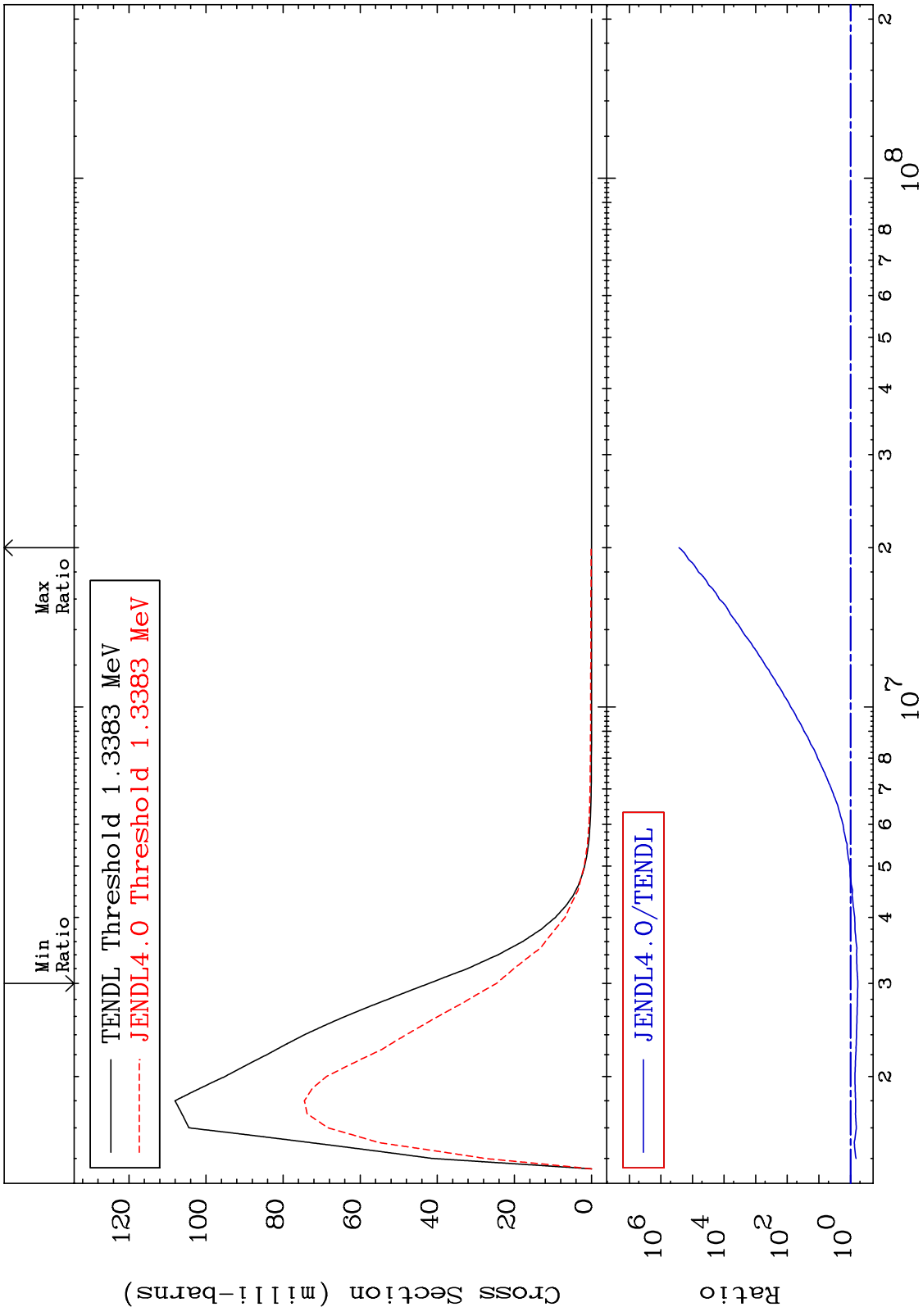
MAT 4725 MT= 66 (n,n') Level Cross Section 47-Ag-107
 -45.61 To 9999. %



MAT 4725 MT= 67 (n,n') Level Cross Section 47-Ag-107
 -41.01 To 9999. %



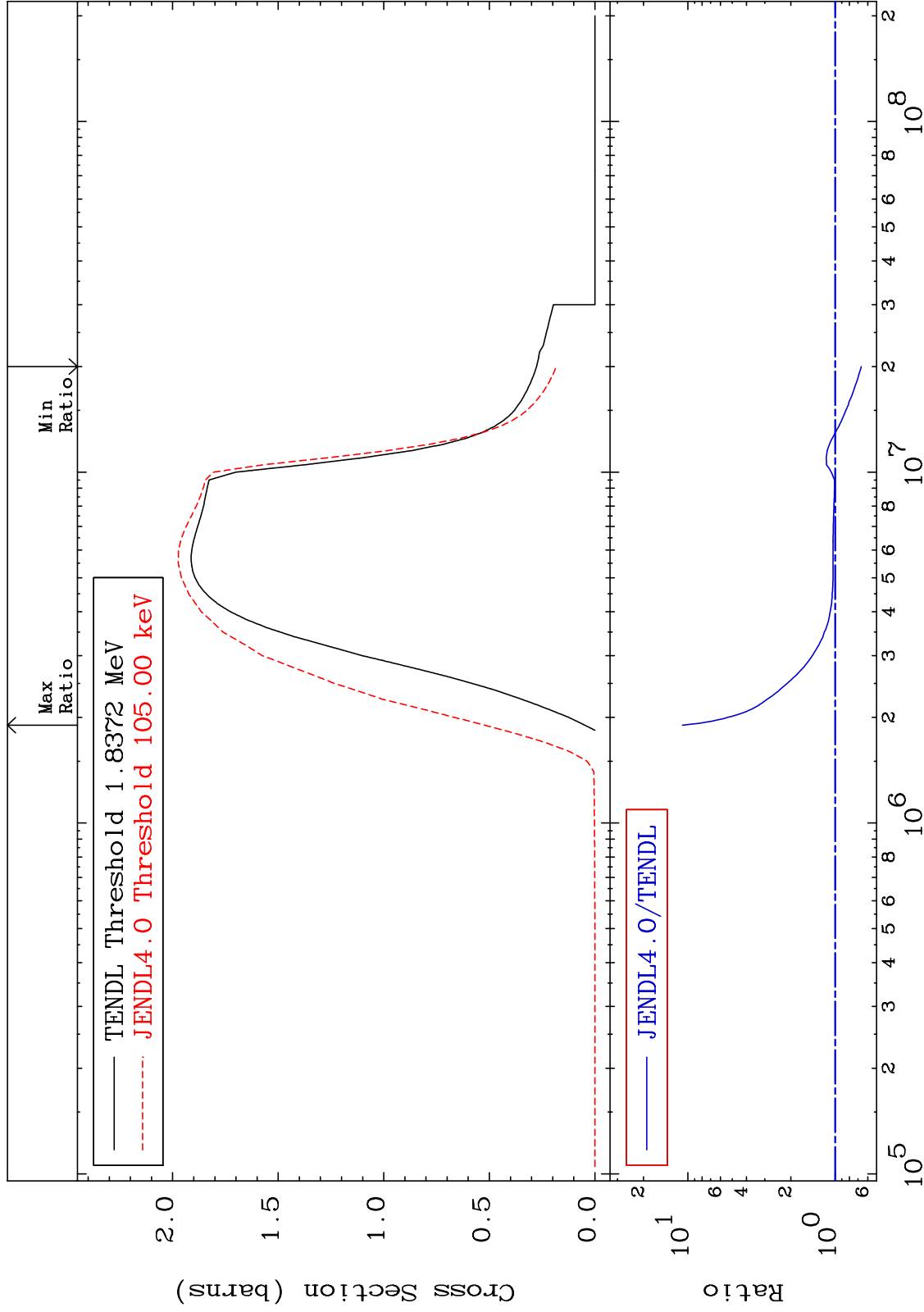
MAT 4725 MT= 68 (n,n') Level Cross Section -41.50 To 9999. % 47-Ag-107



MAT 4725

(n, n') Continuum
Cross Section

47-Ag-107
-33.58 To 987.3 %



30

47-Ag-107

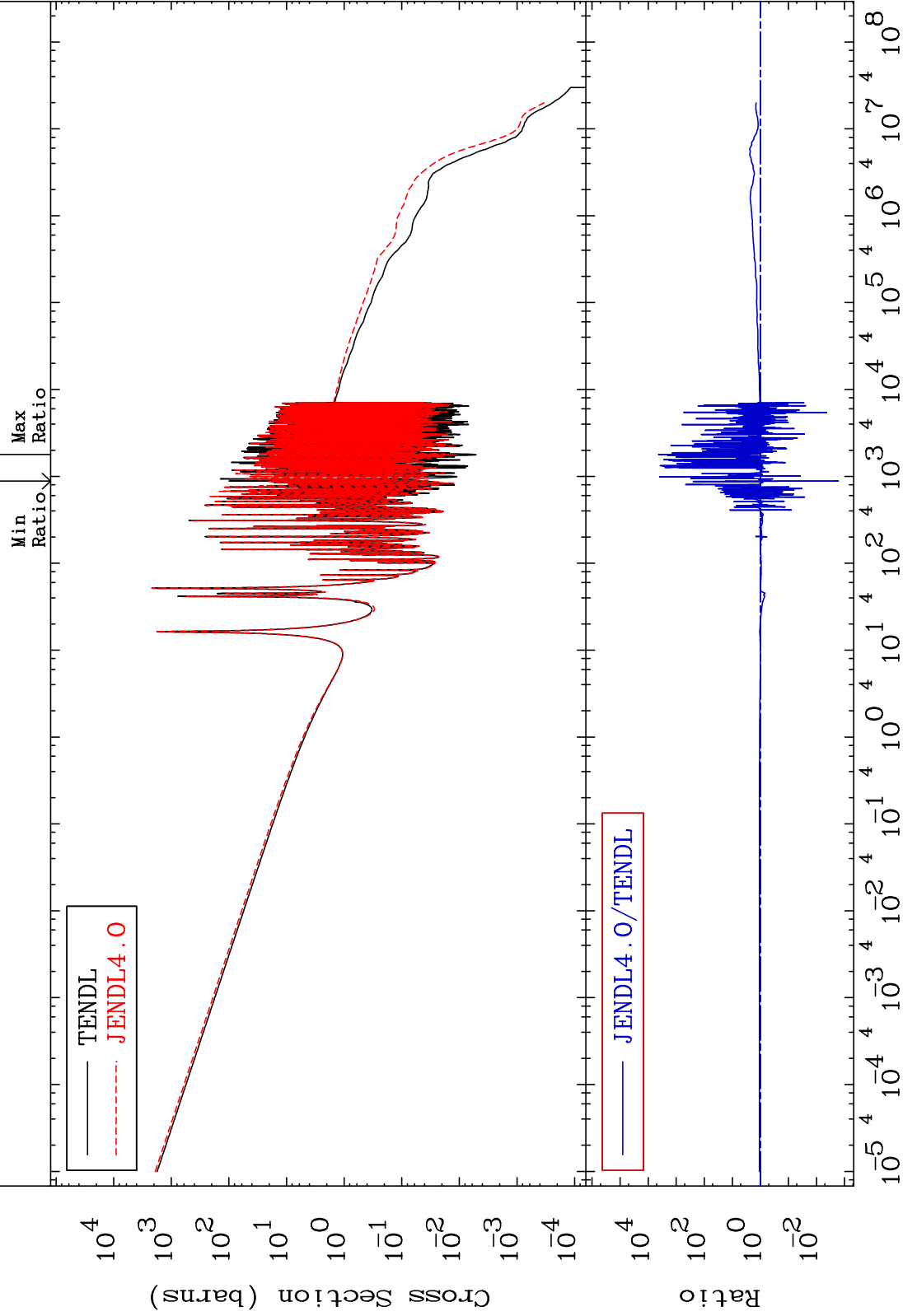
MAT 4725

(n, γ)

47-Ag-107

-99.83 To 9999. %

Cross Section



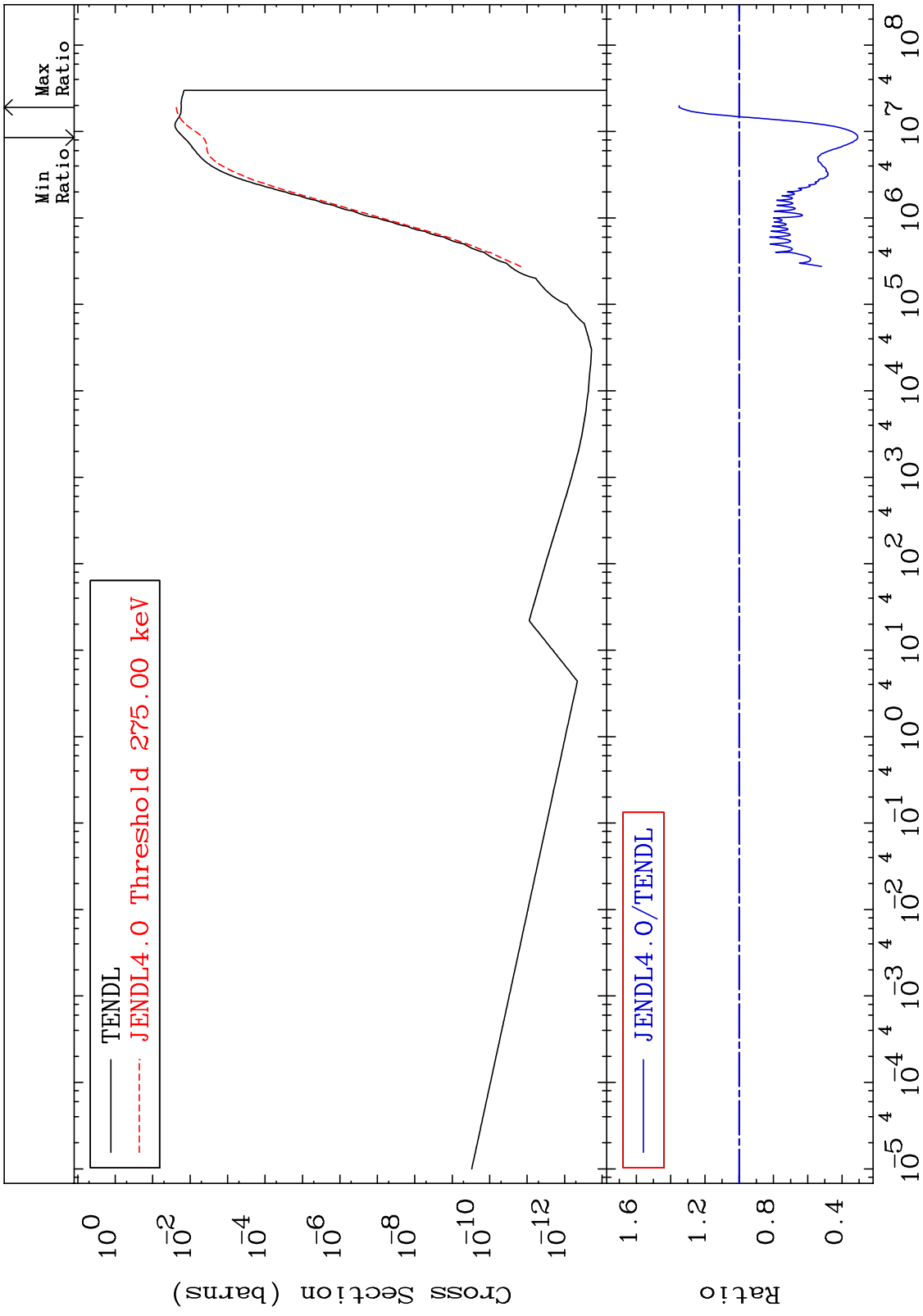
MAT 4725

(n,p)

47-Ag-107

Cross Section

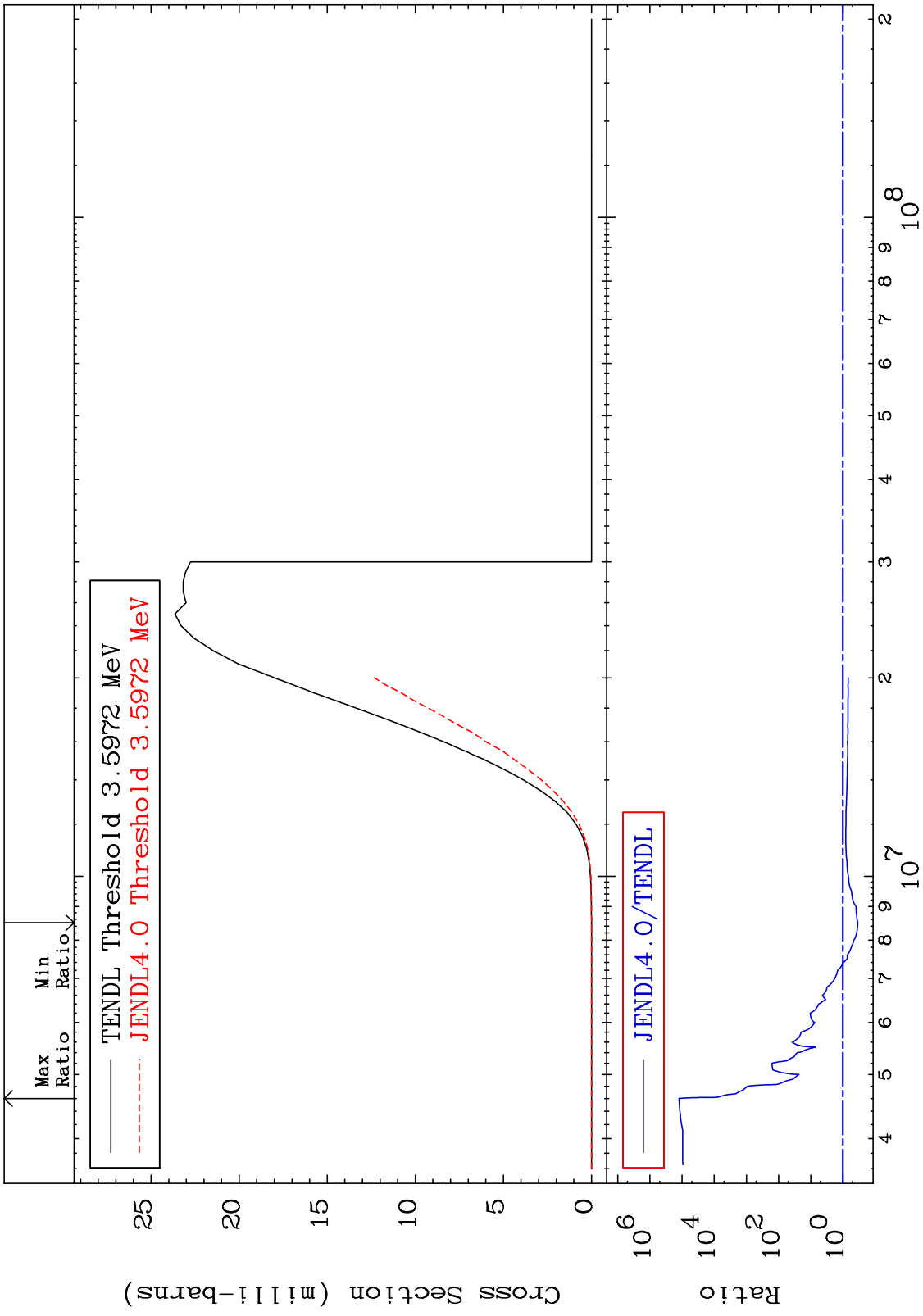
-69.22 To 35.09 %



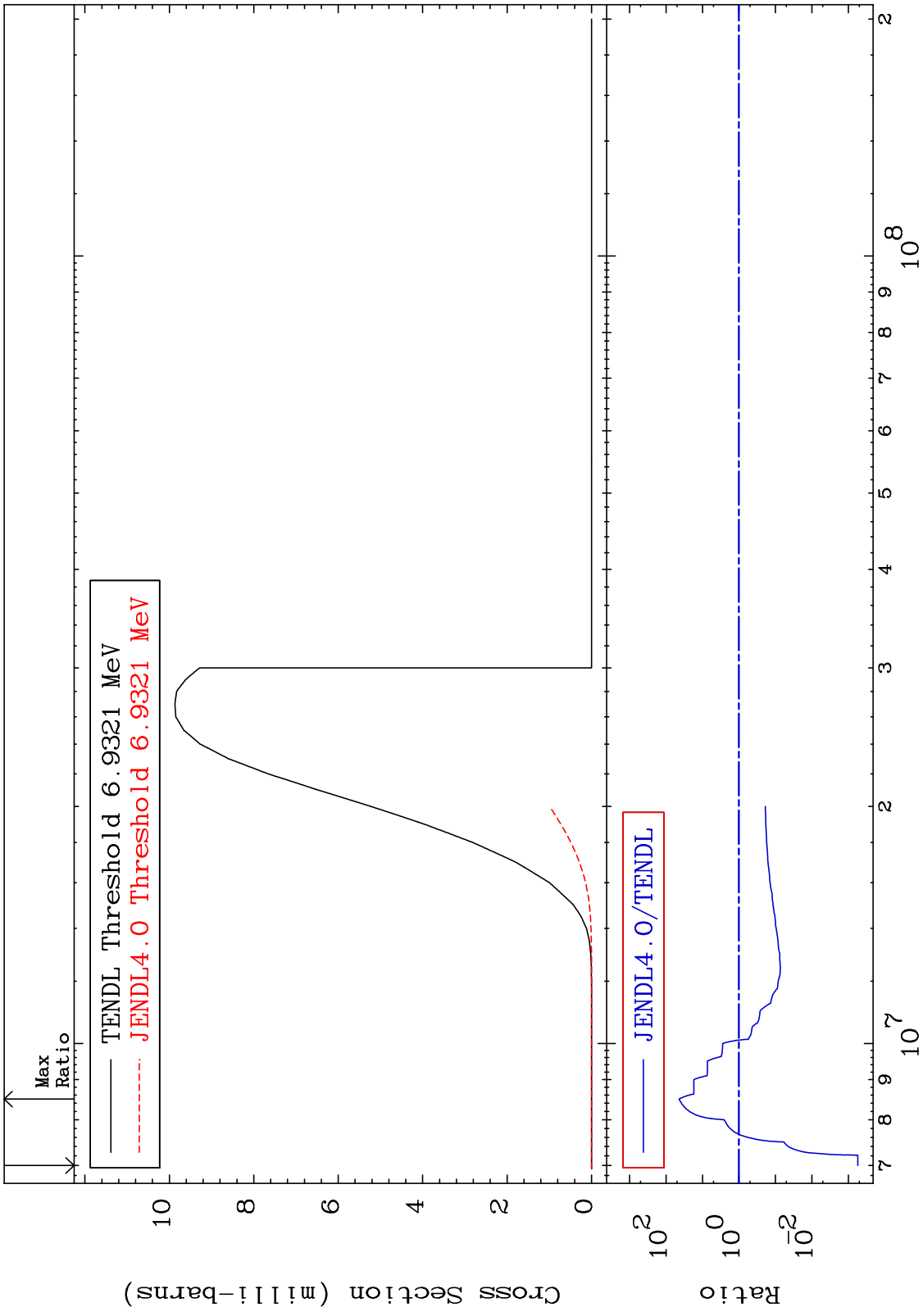
Incident Energy (eV)

47-Ag-107

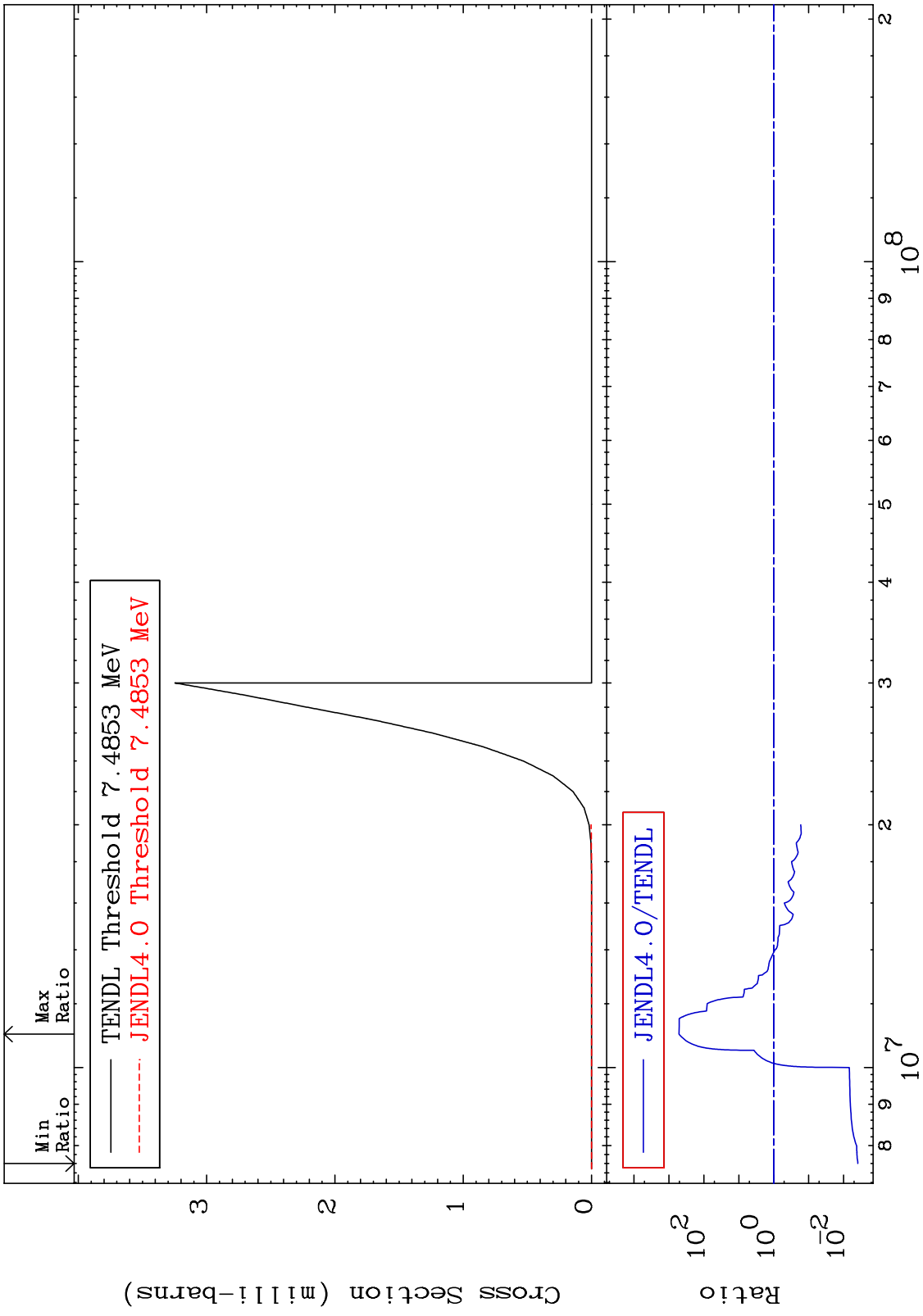
MAT 4725 (n,d) Cross Section 47-Ag-107 -65.72 To 9999. %



MAT 4725 (n,t) Cross Section 47-Ag-107 -99.95 To 4302. %



MAT 4725 (n, He-3) 47-Ag-107
 Cross Section -99.61 To 9999. %



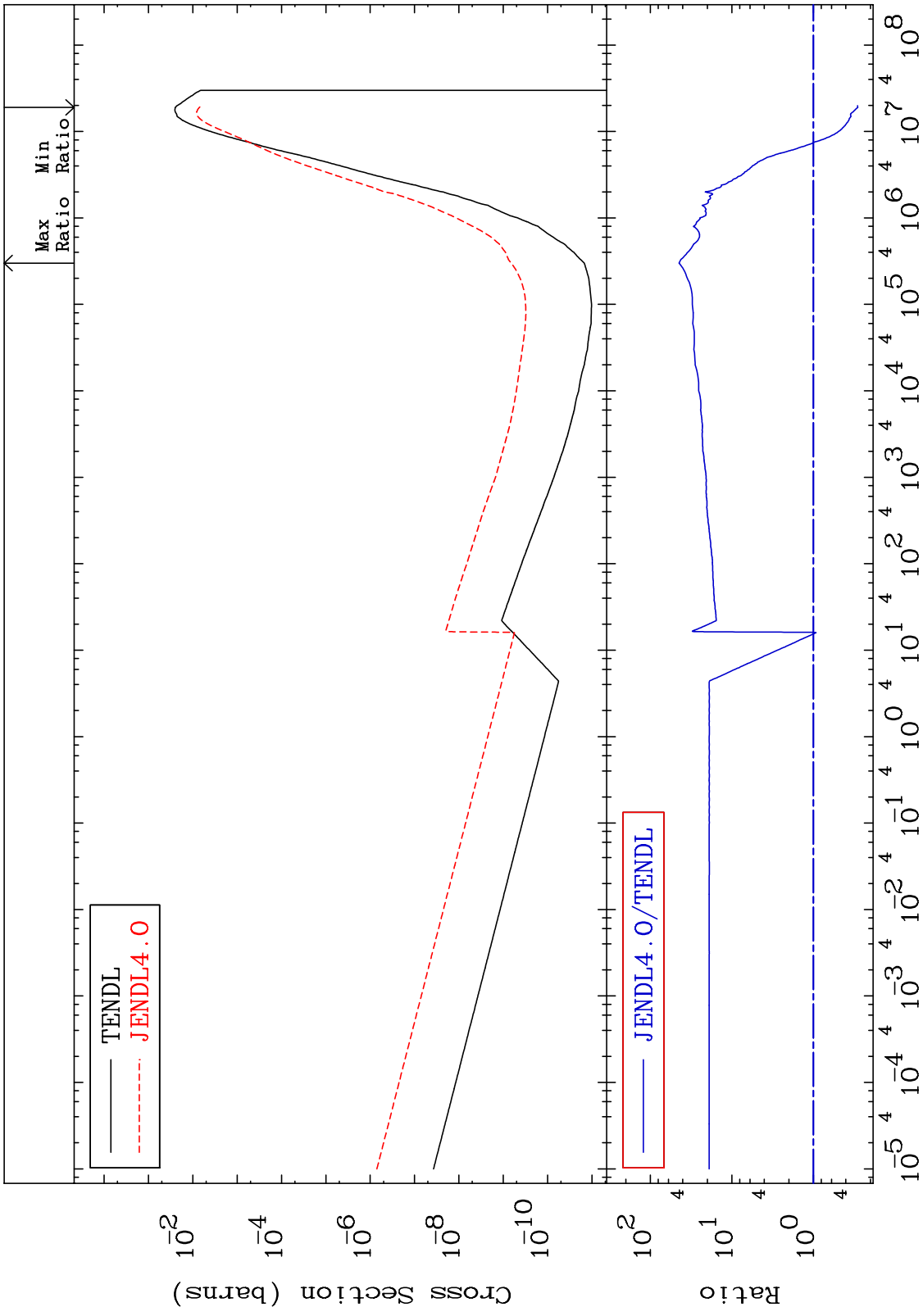
MAT 4725

(n, α)

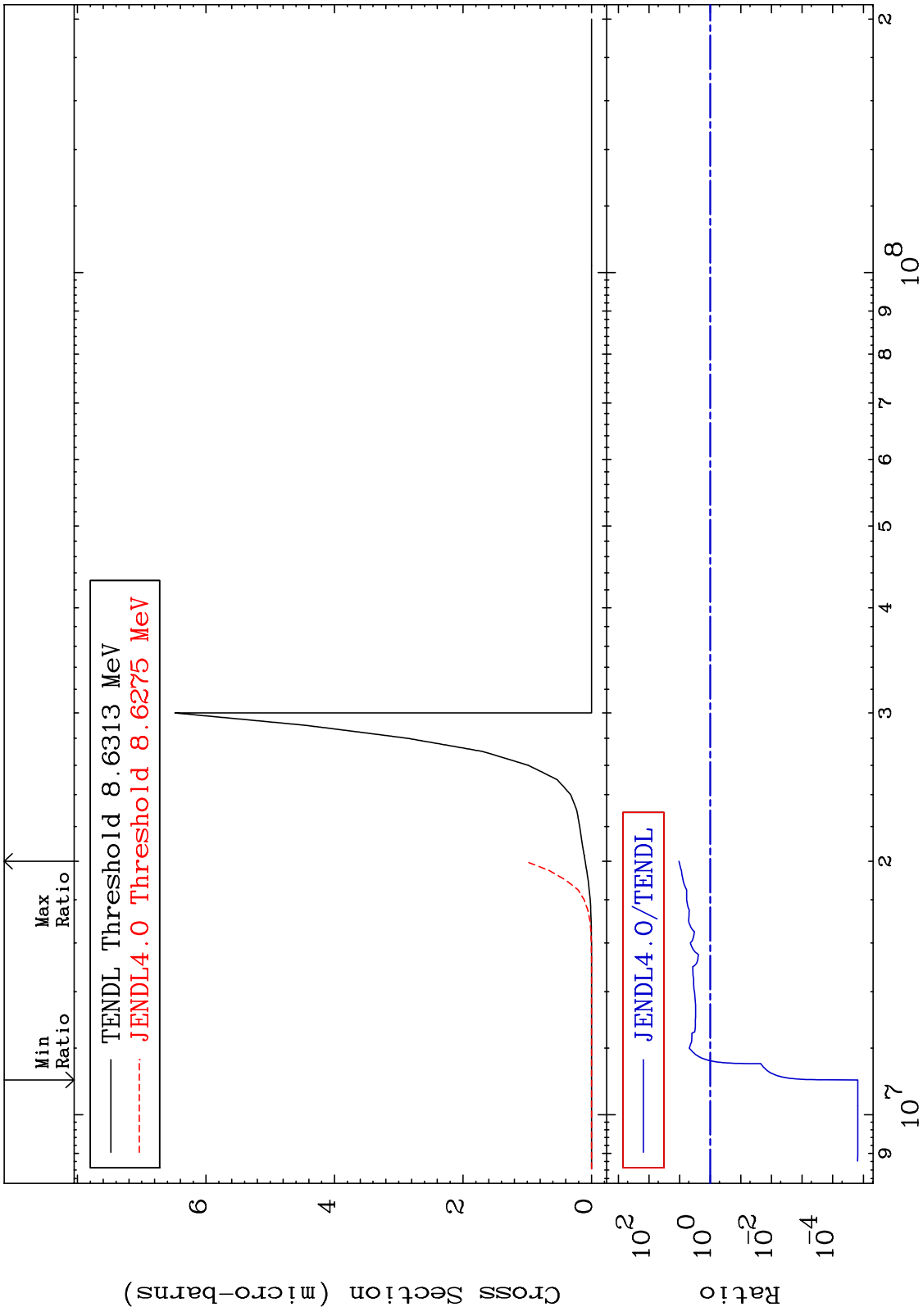
47-Ag-107

Cross Section

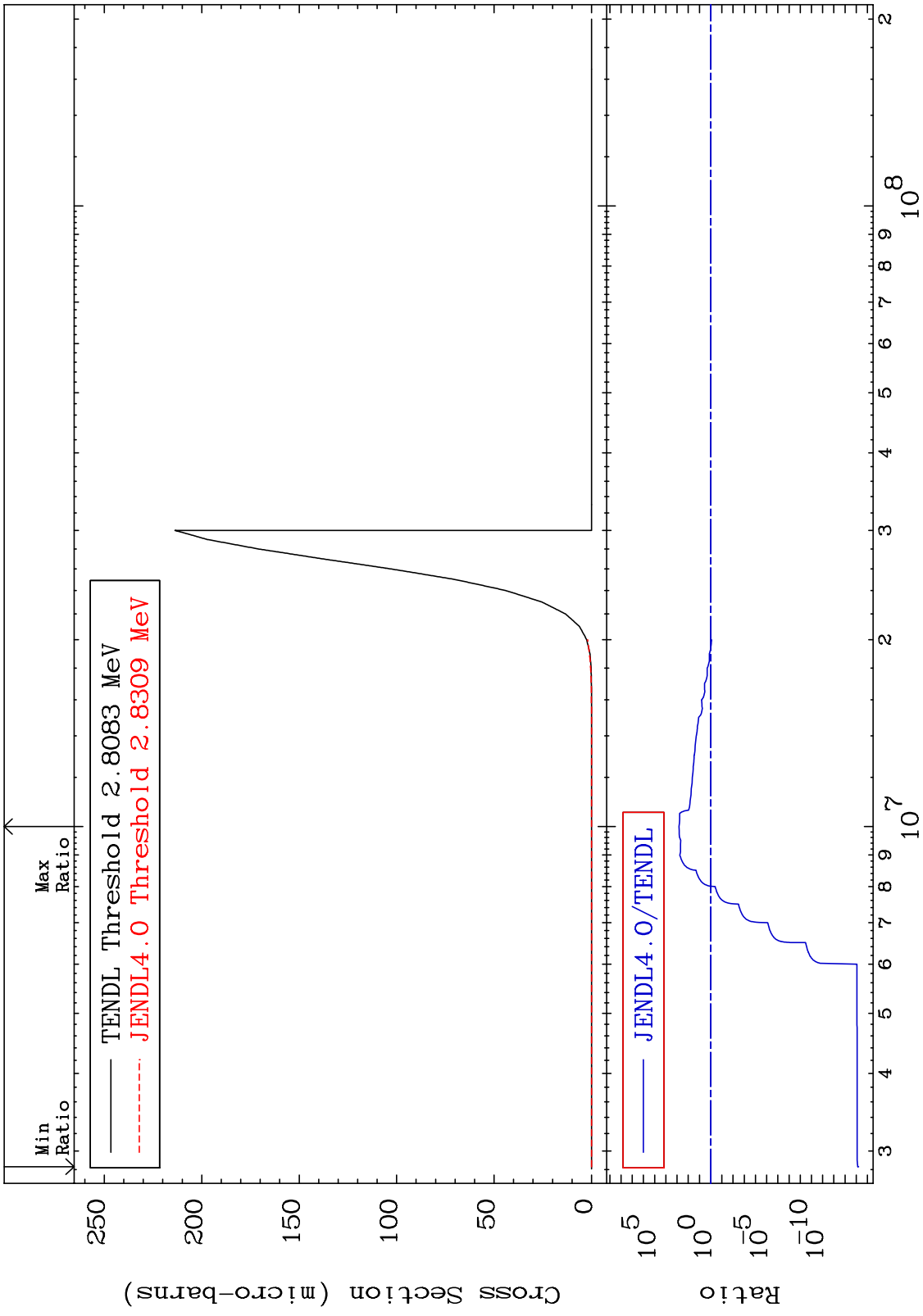
-71.47 To 4342. %



MAT 4725 (n,2p) Cross Section 47-Ag-107 -100.0 To 941.6 %



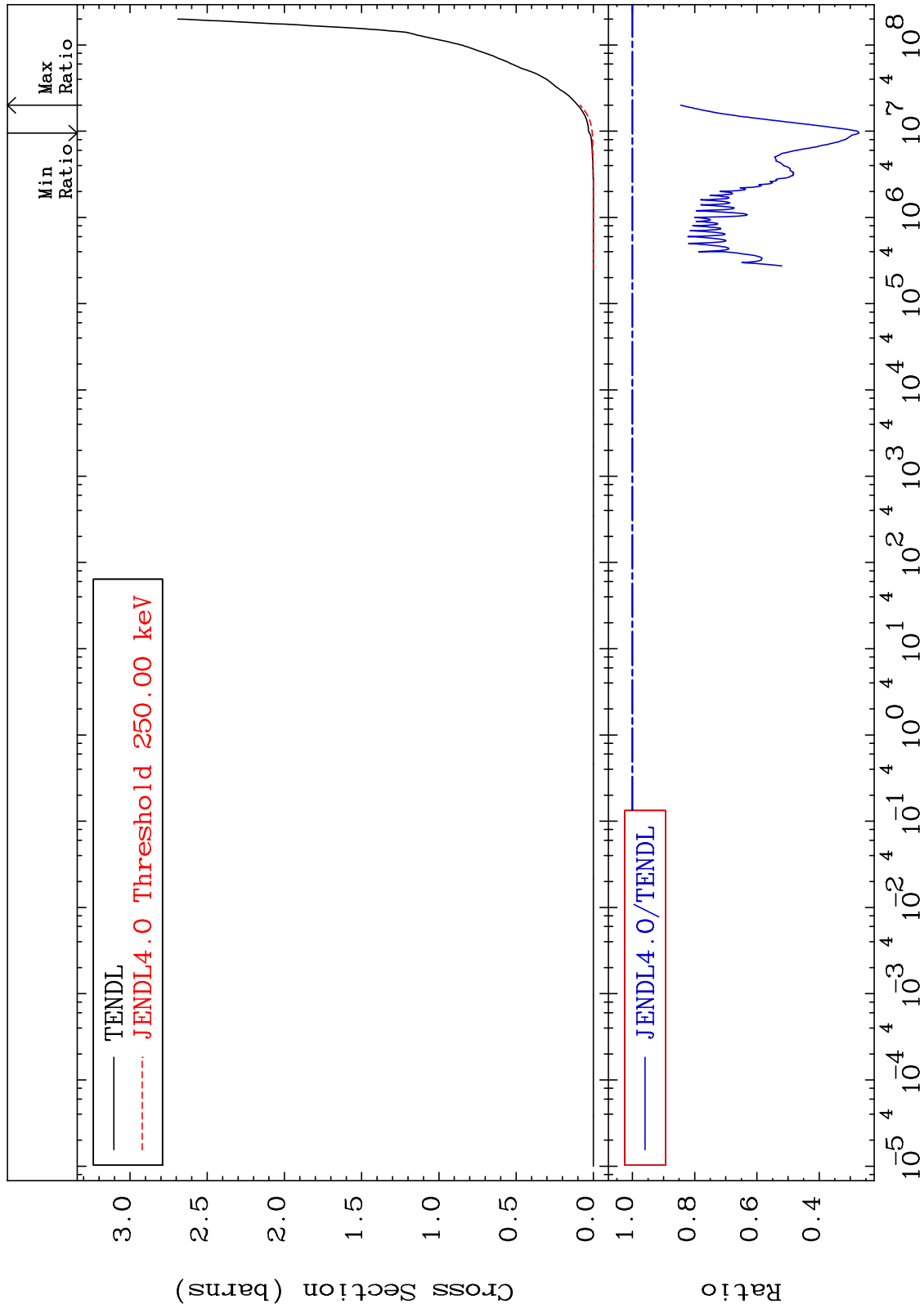
MAT 4725 (n,p) α 47-Ag-107
 Cross Section -100.0 To 9999. %



MAT 4725

Hydrogen Production Cross Section

47-Ag-107
-72.79 To -15.49%



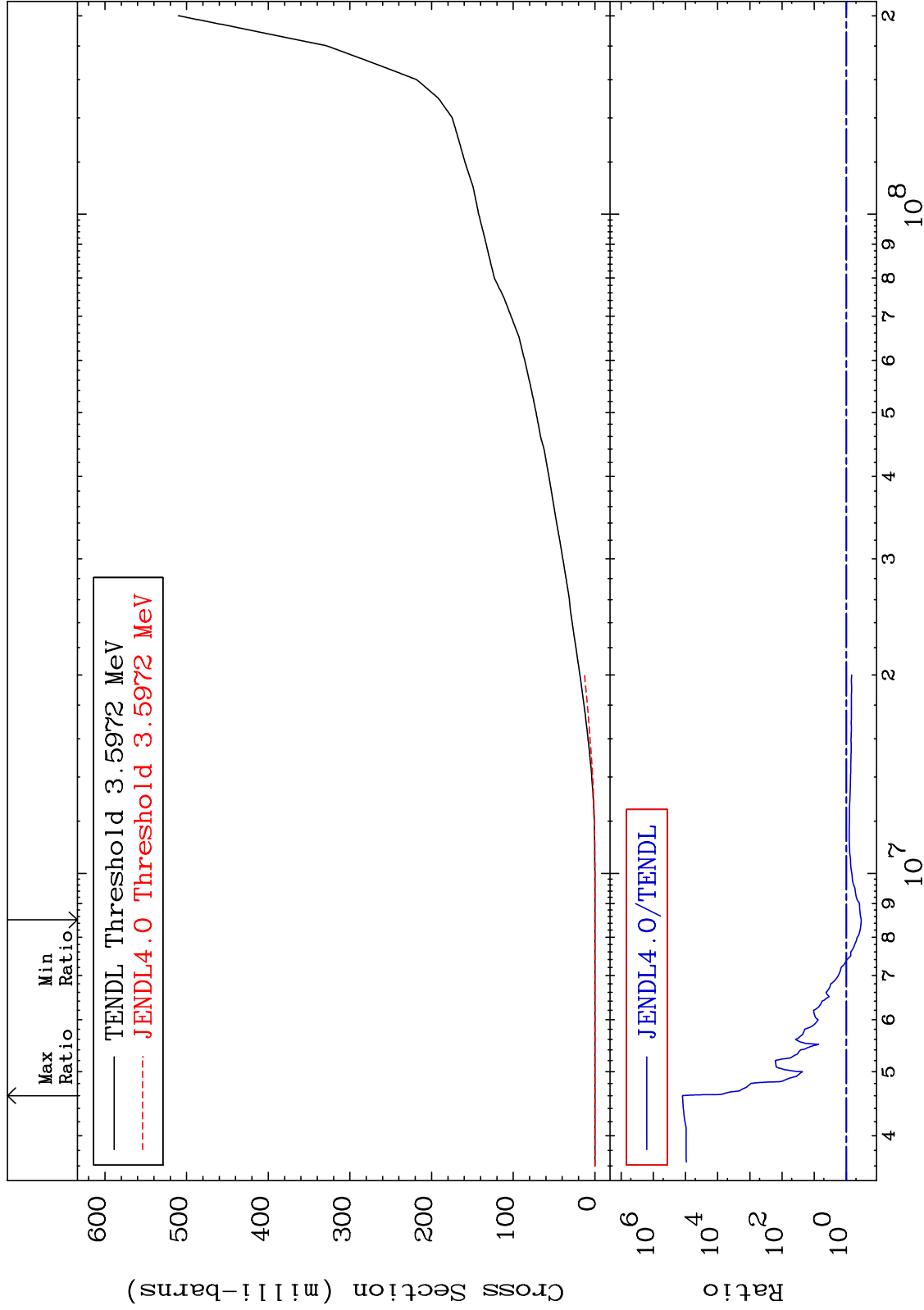
Incident Energy (eV)

47-Ag-107

MAT 4725

Deuterium Production
Cross Section

47-Ag-107
-65.72 To 9999. %

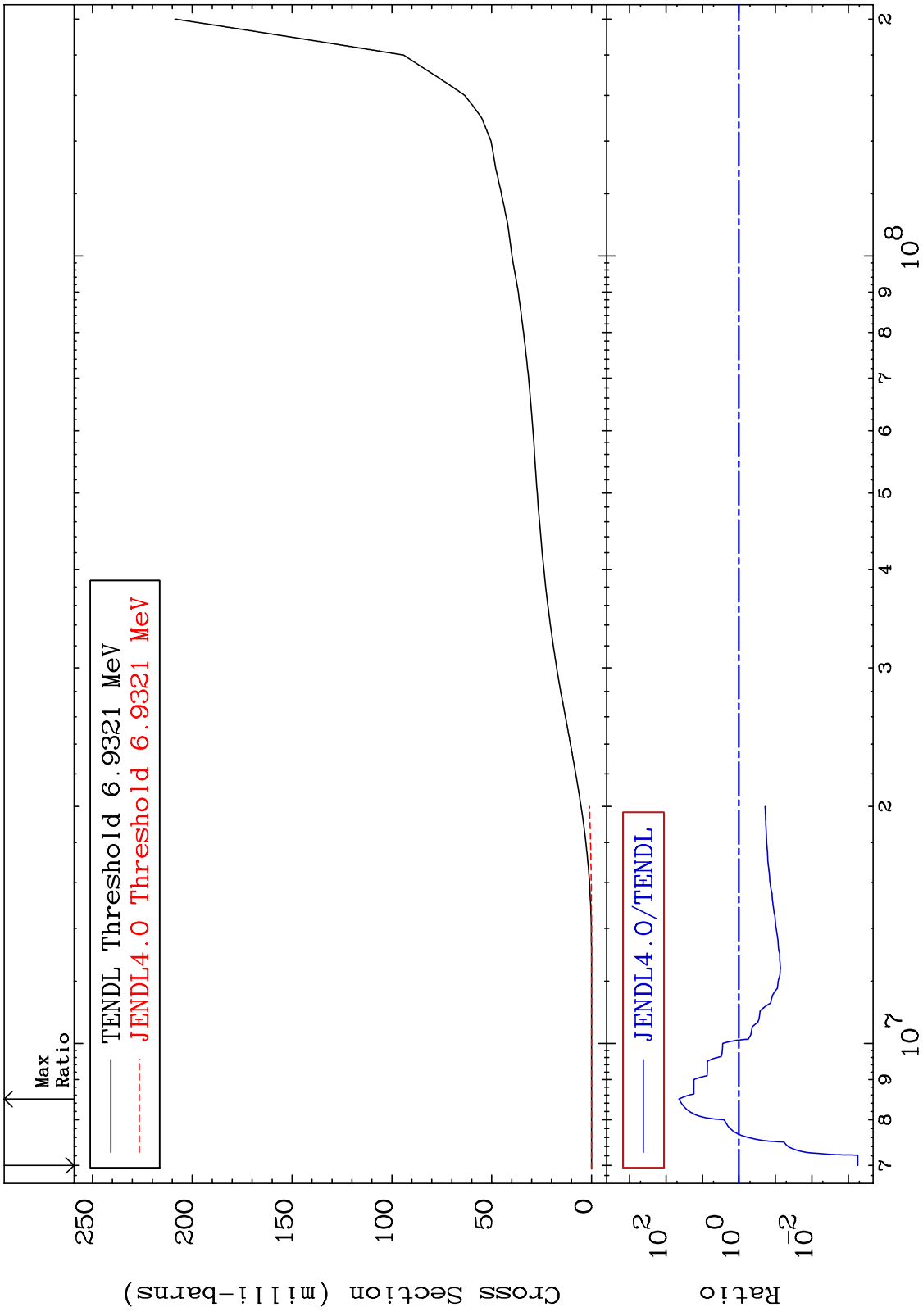


40

Incident Energy (eV)

47-Ag-107

MAT 4725 Tritium Production Cross Section 47-Ag-107 -99.95 To 4302. %

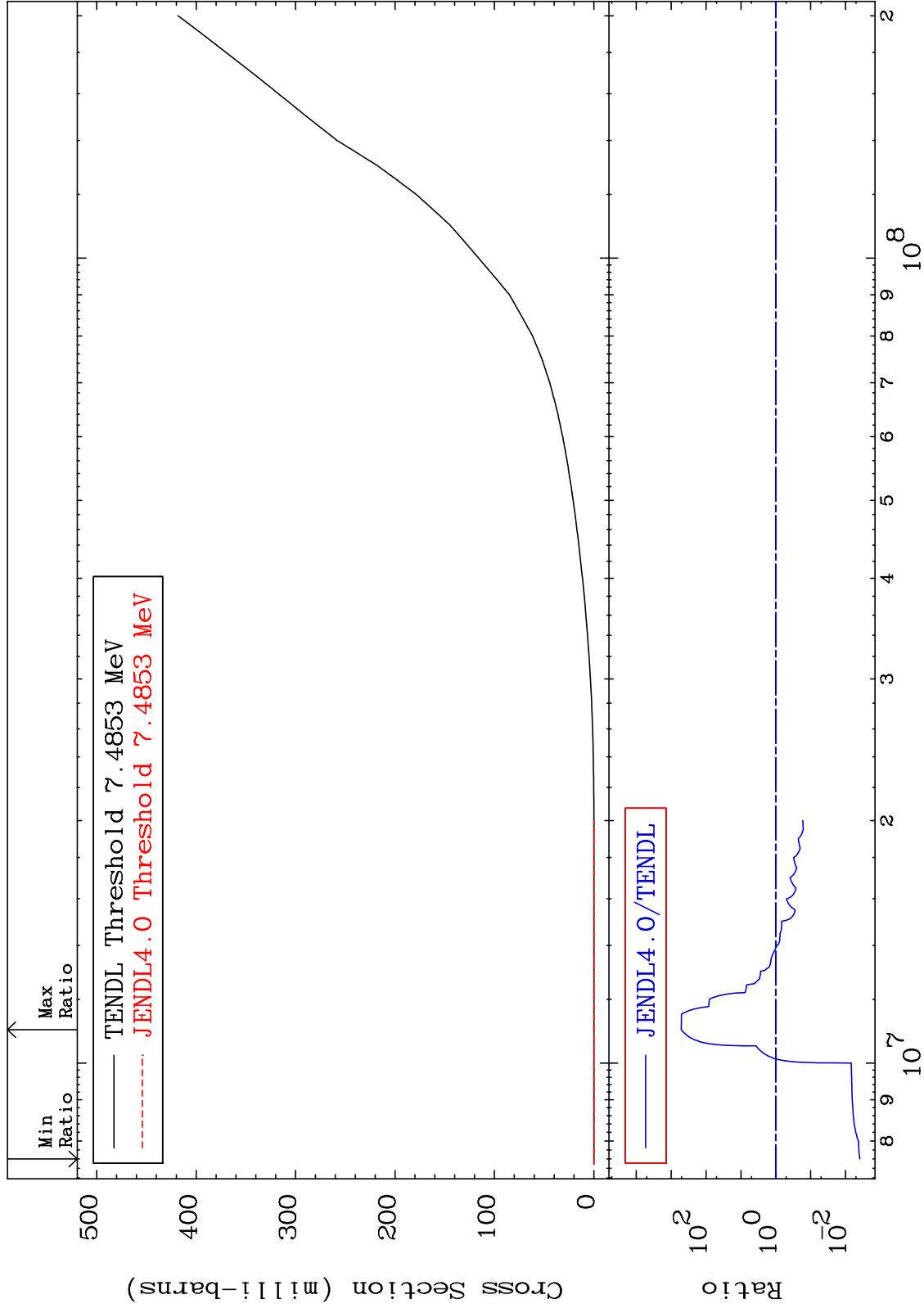


41 47-Ag-107

MAT 4725

He-3 Production
Cross Section

47-Ag-107
-99.61 To 9999. %



42

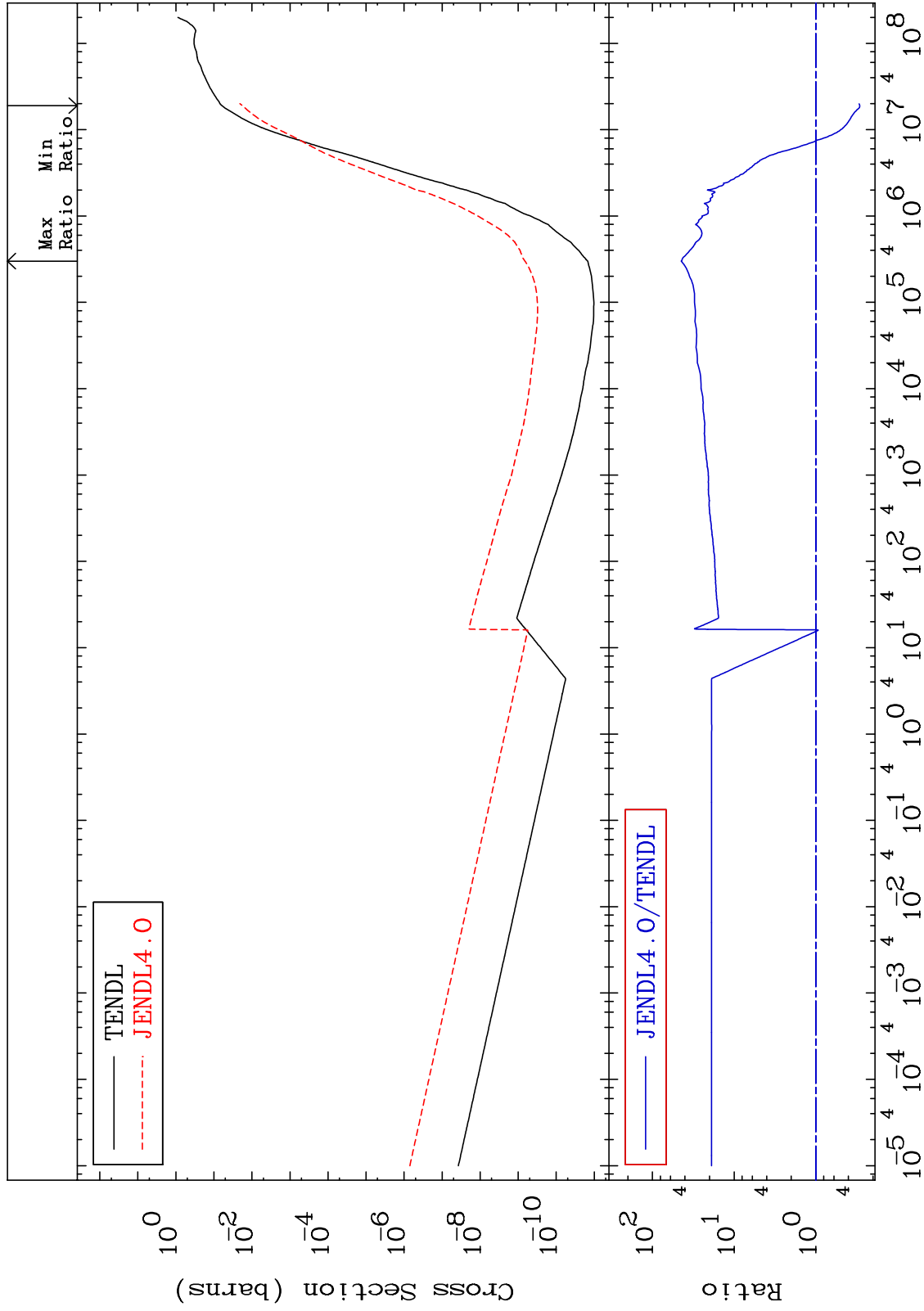
Incident Energy (eV)

47-Ag-107

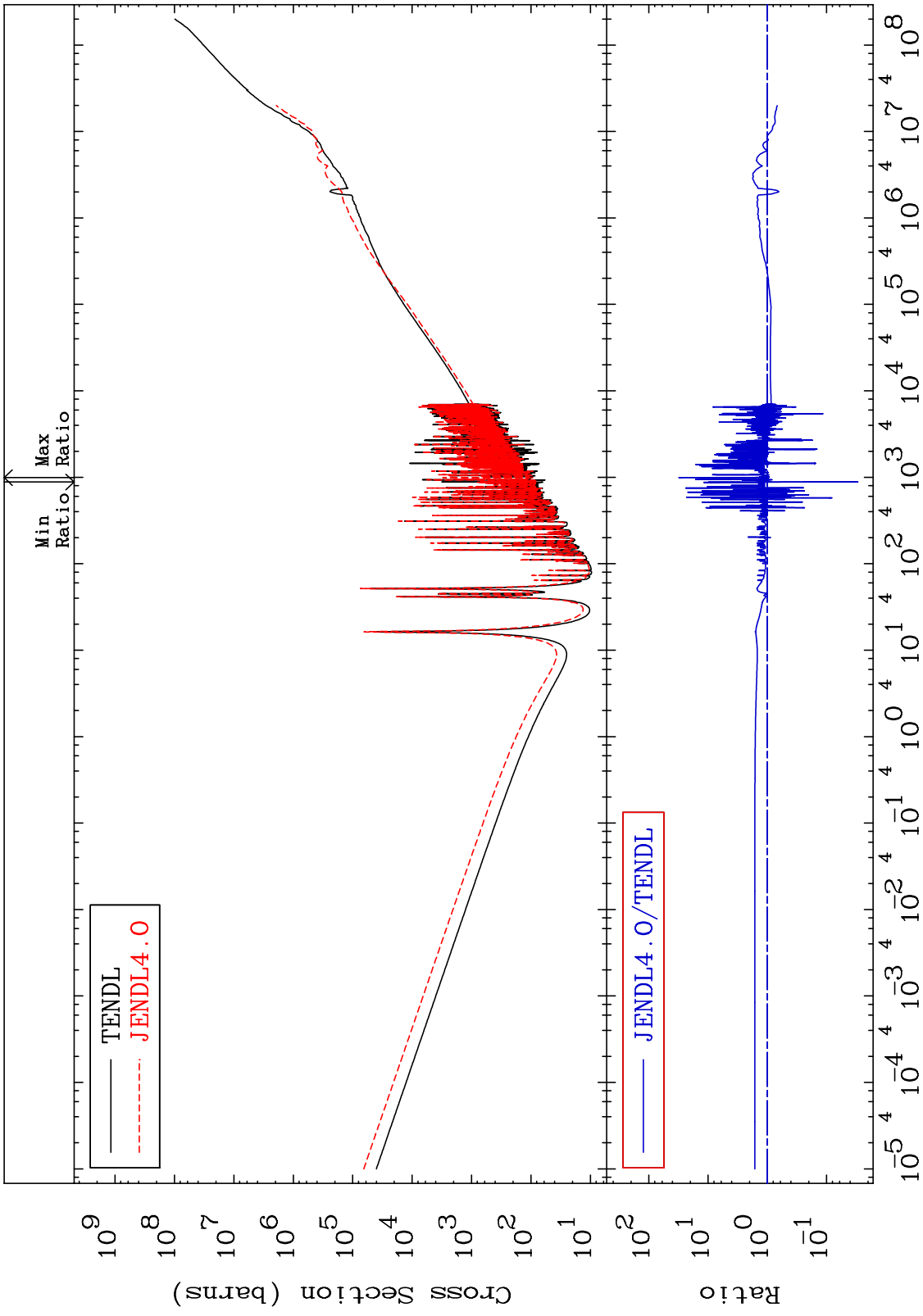
MAT 4725

He-4 Production
Cross Section

47-Ag-107
-71.00 To 4342. %



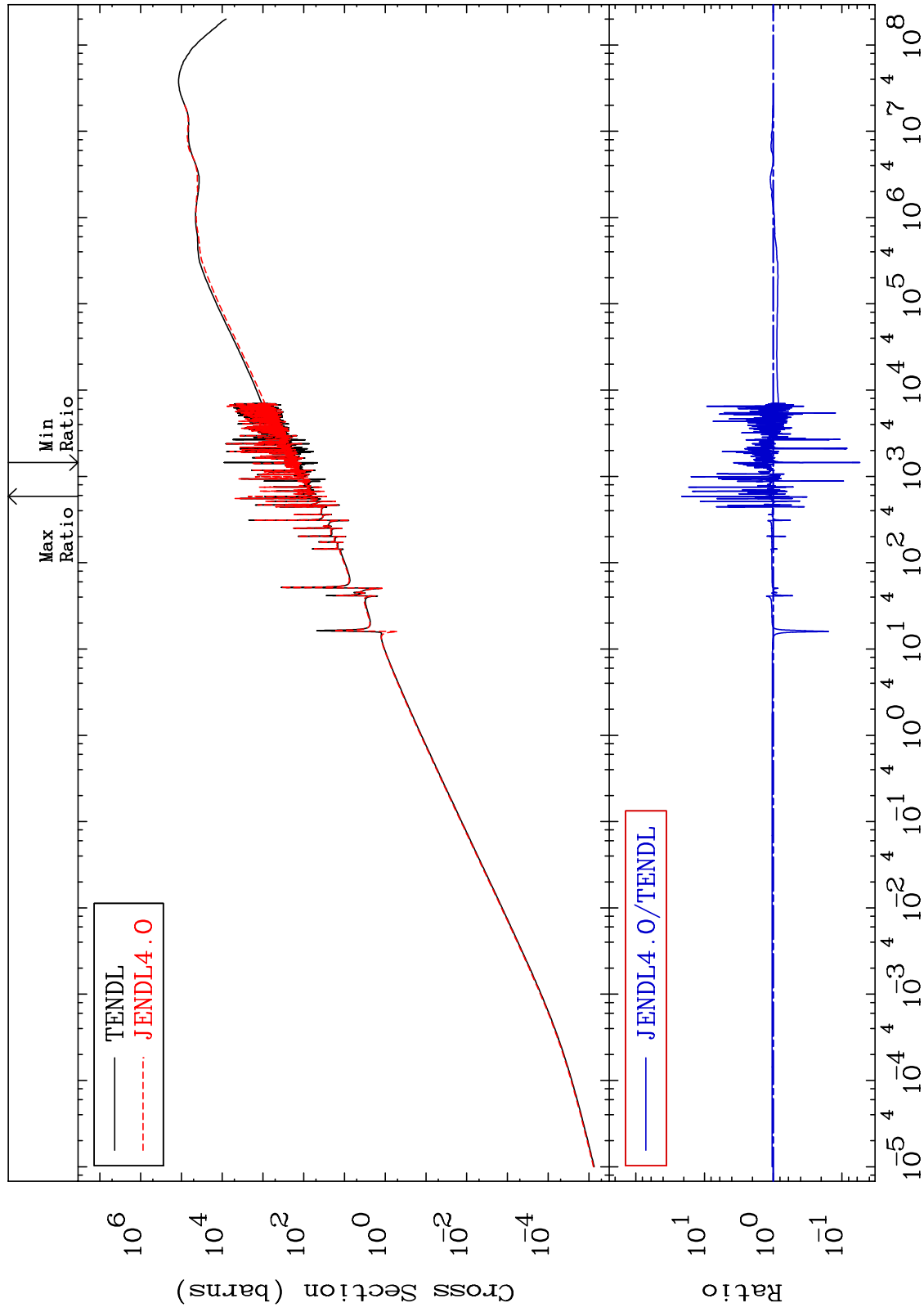
MAT 4725 Kerma total (eV-barns) 47-Ag-107
 Cross Section -97.03 To 2997. %



MAT 4725

Kerma elastic
Cross Section

47-Ag-107
-94.50 To 2061. %

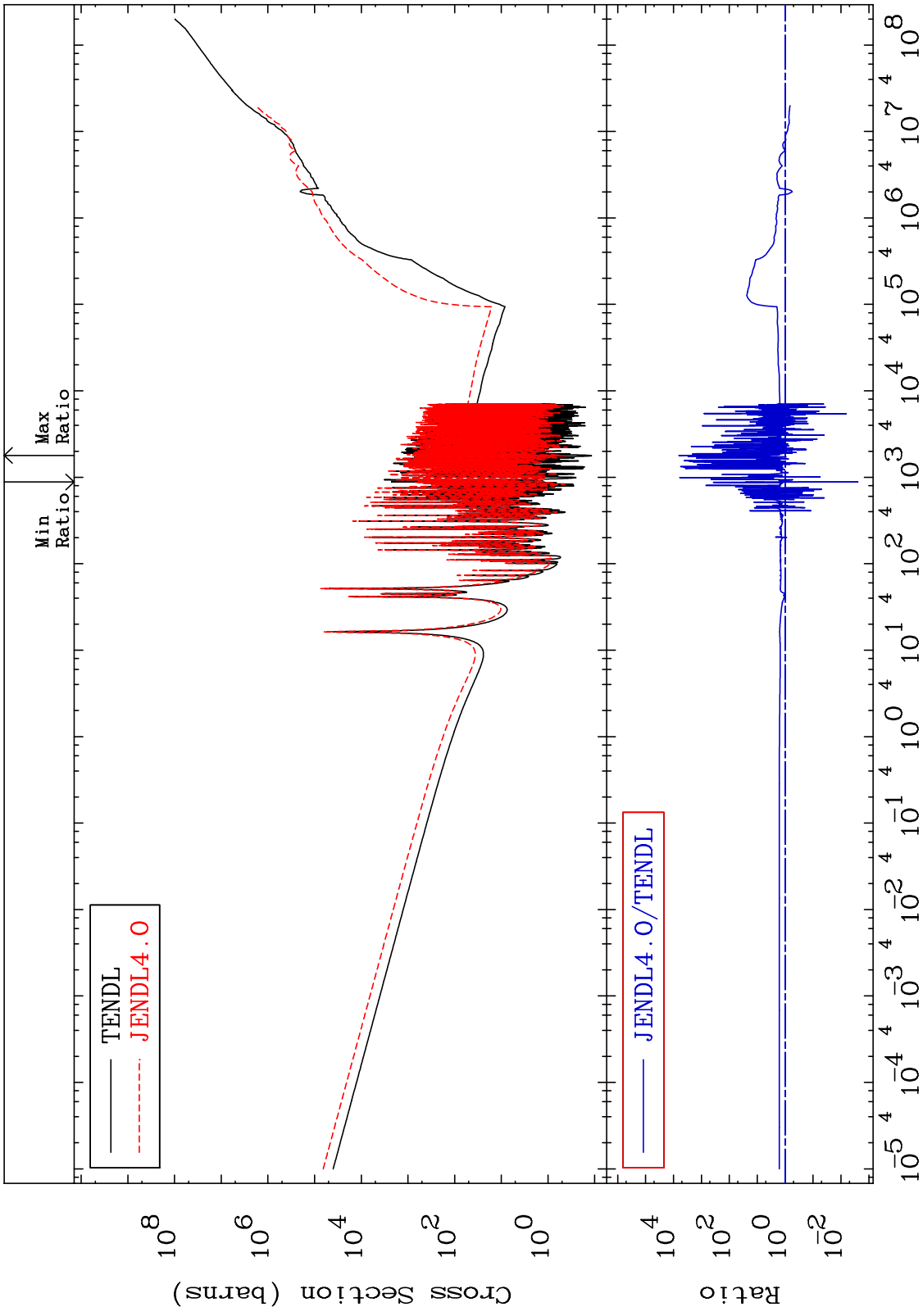


45

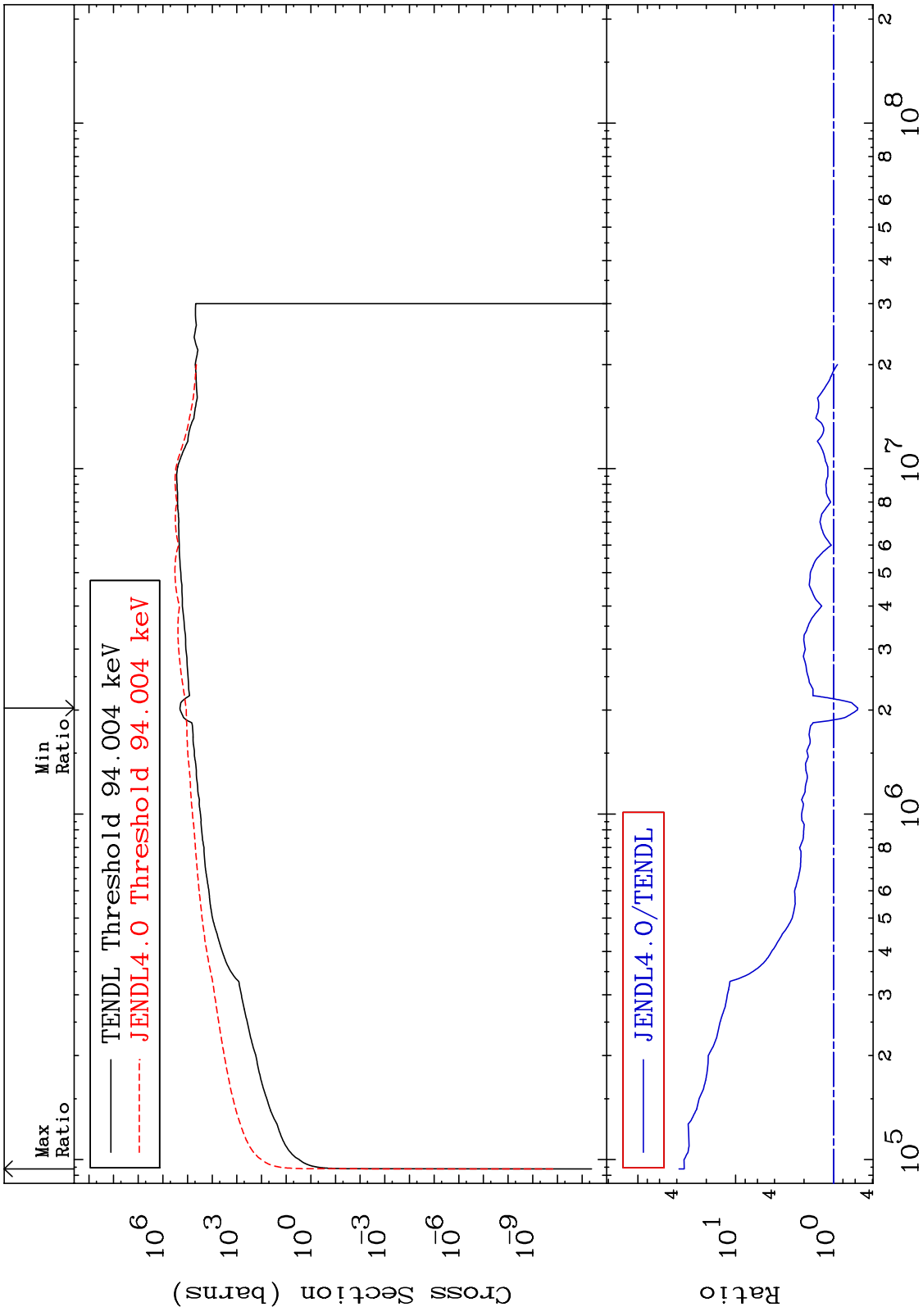
Incident Energy (eV)

47-Ag-107

MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107
 Cross Section -99.75 To 9999. %



MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107
Cross Section -43.63 To 3693. %

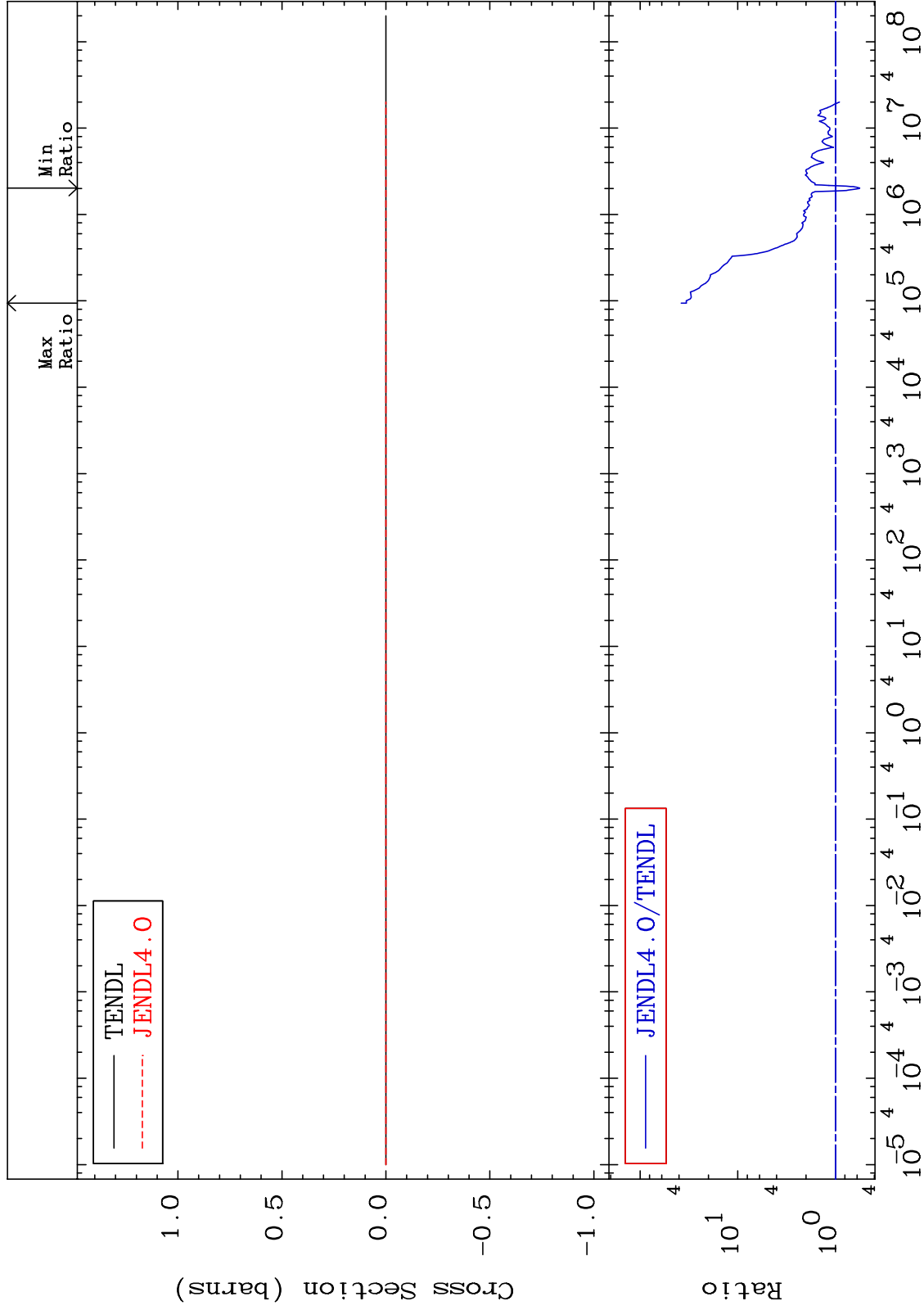


47 47-Ag-107

MAT 4725

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

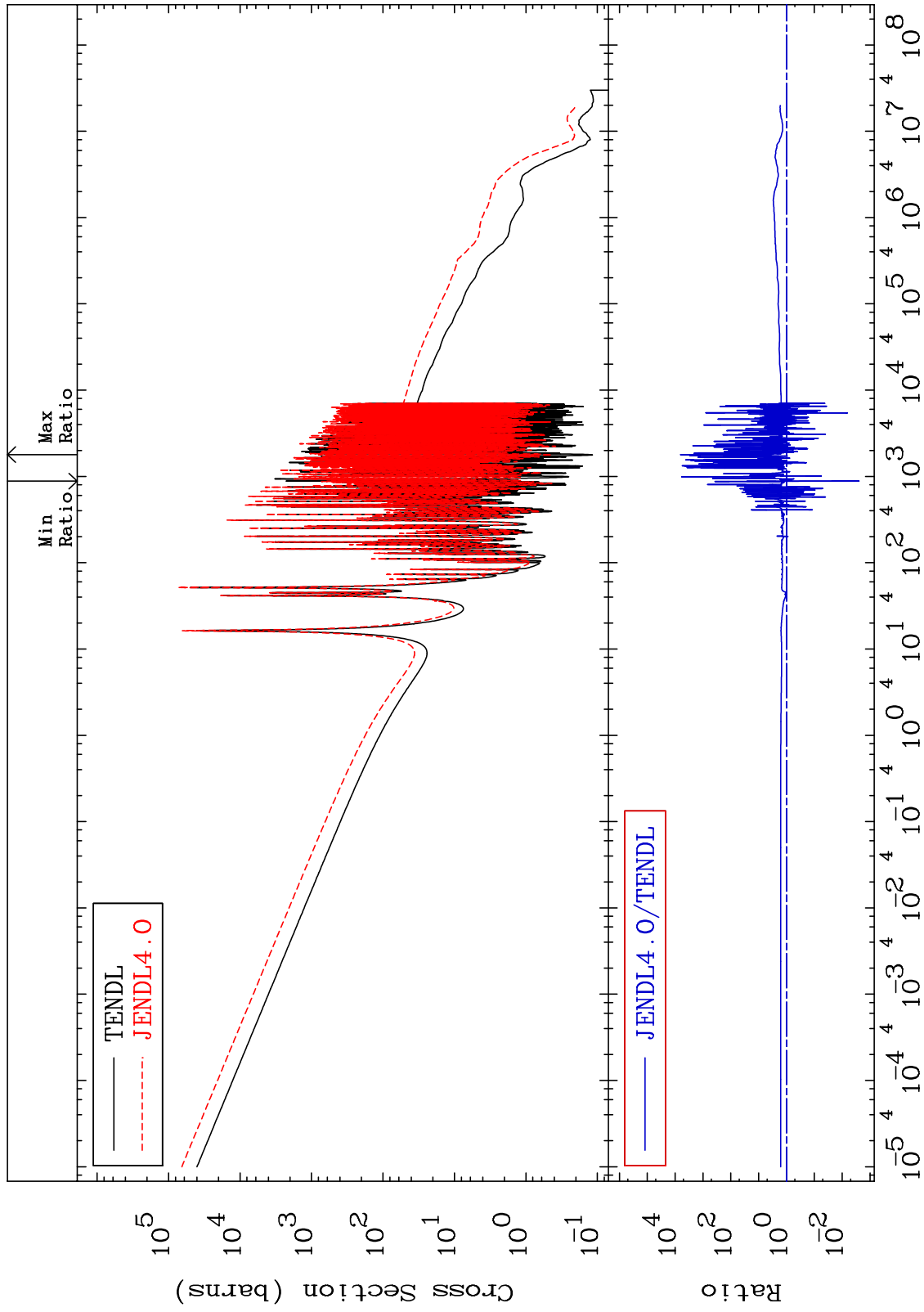
47-Ag-107
-43.63 To 3693. %



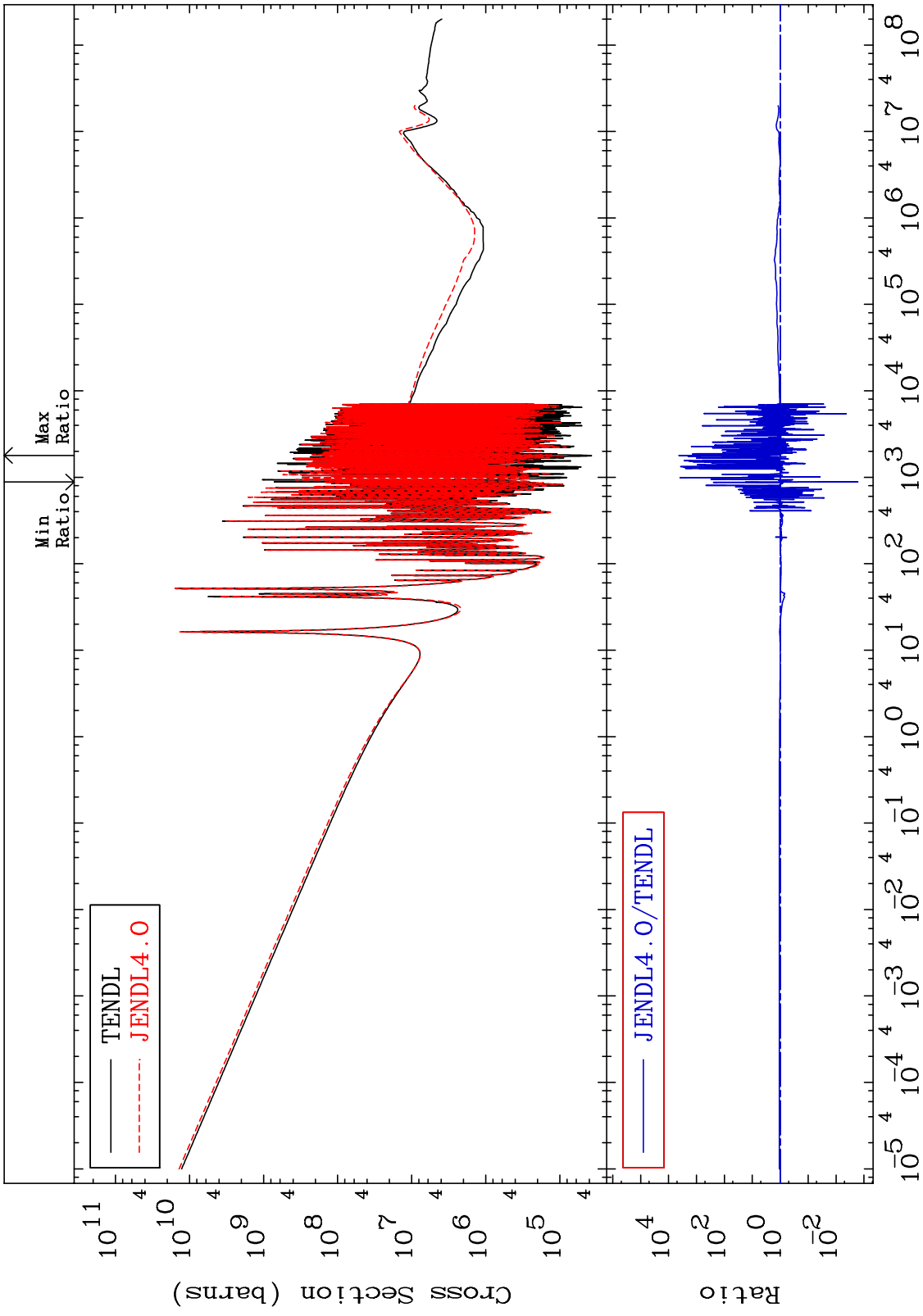
MAT 4725

Kerma capture (mt102)
Cross Section

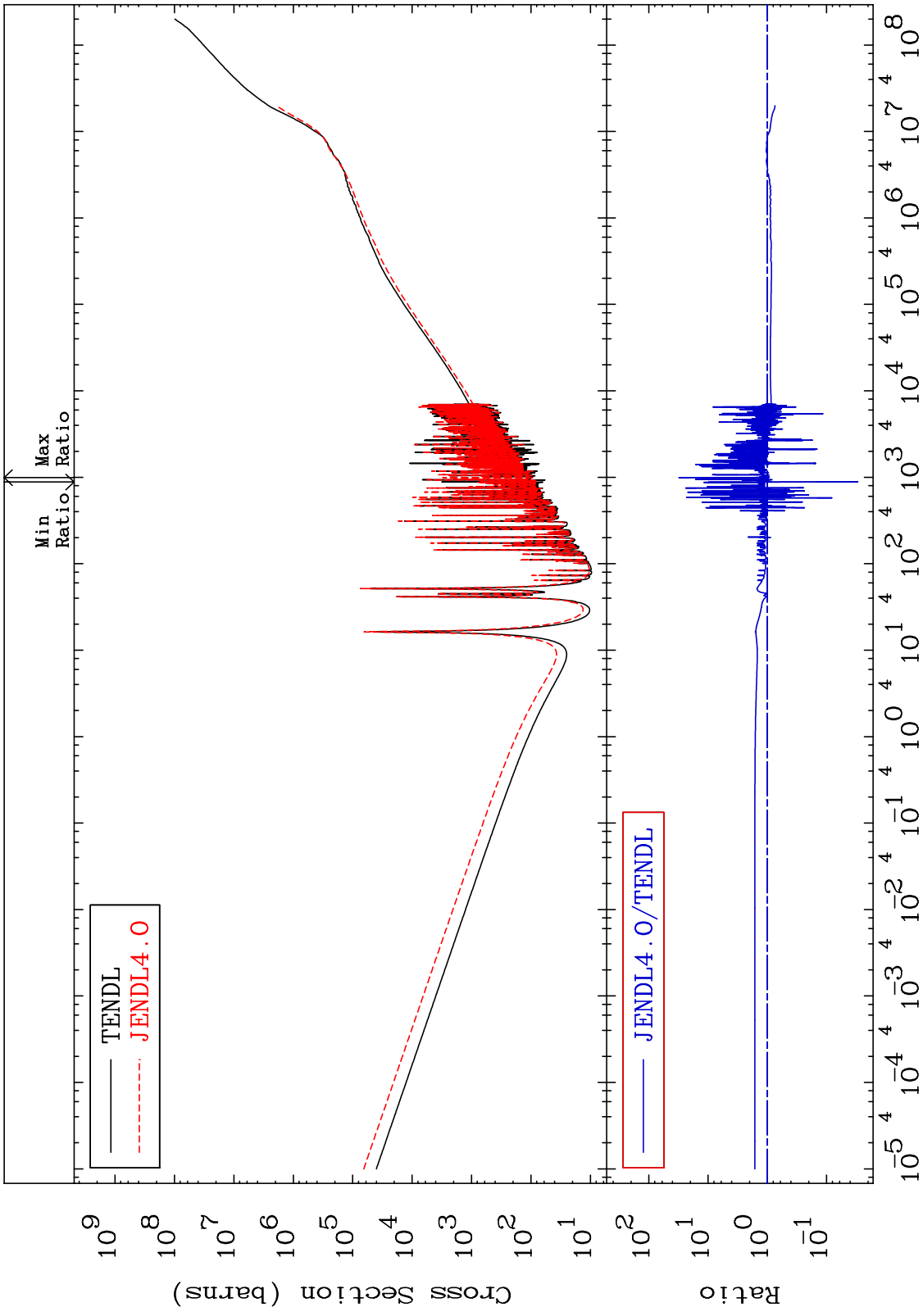
47-Ag-107
-99.75 To 9999. %



MAT 4725 Total photon (eV-barns) 47-Ag-107
Cross Section -99.83 To 9999. %



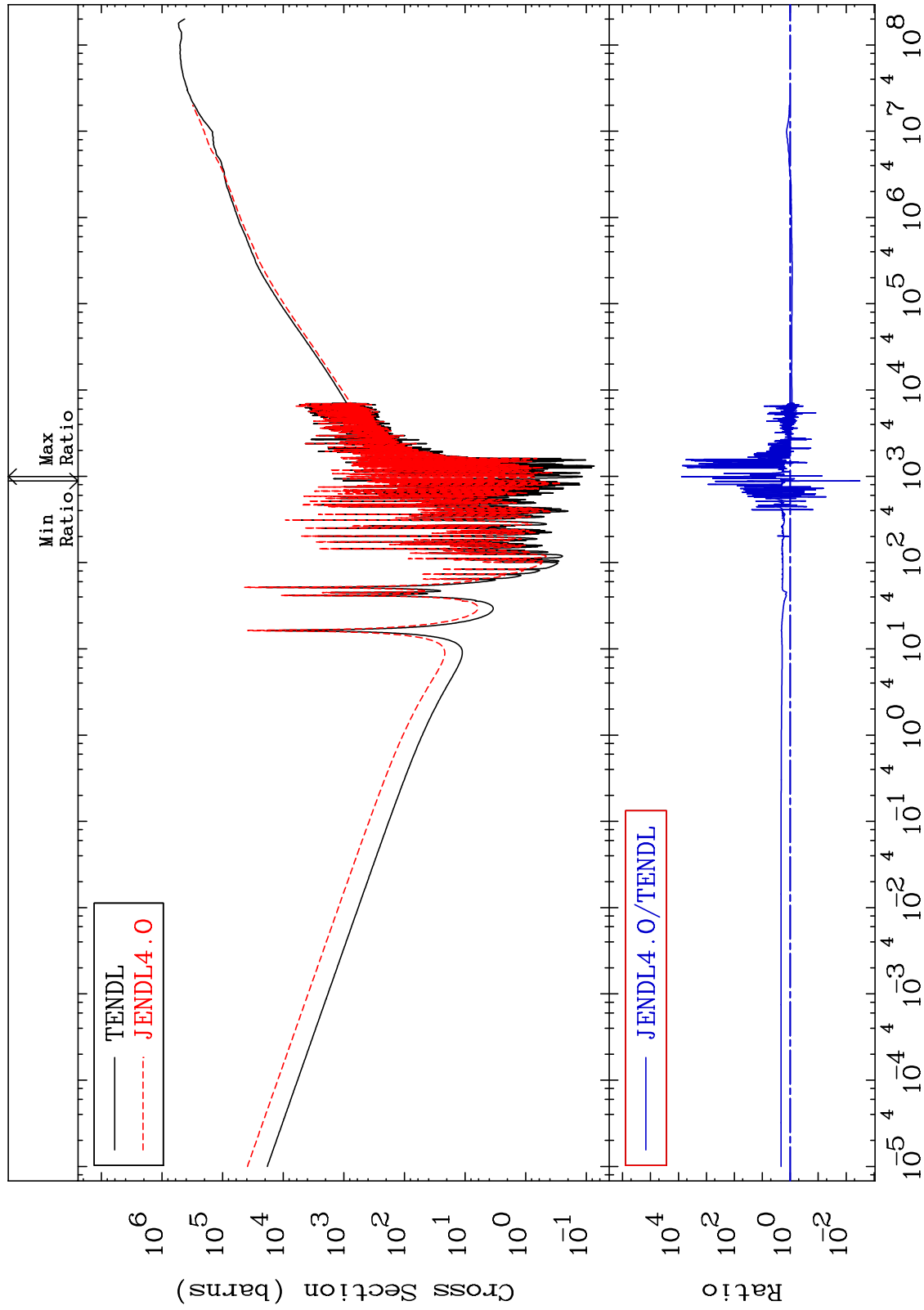
MAT 4725 Total kinematic kerma (high limit) 47-Ag-107
Cross Section -97.03 To 2997. %



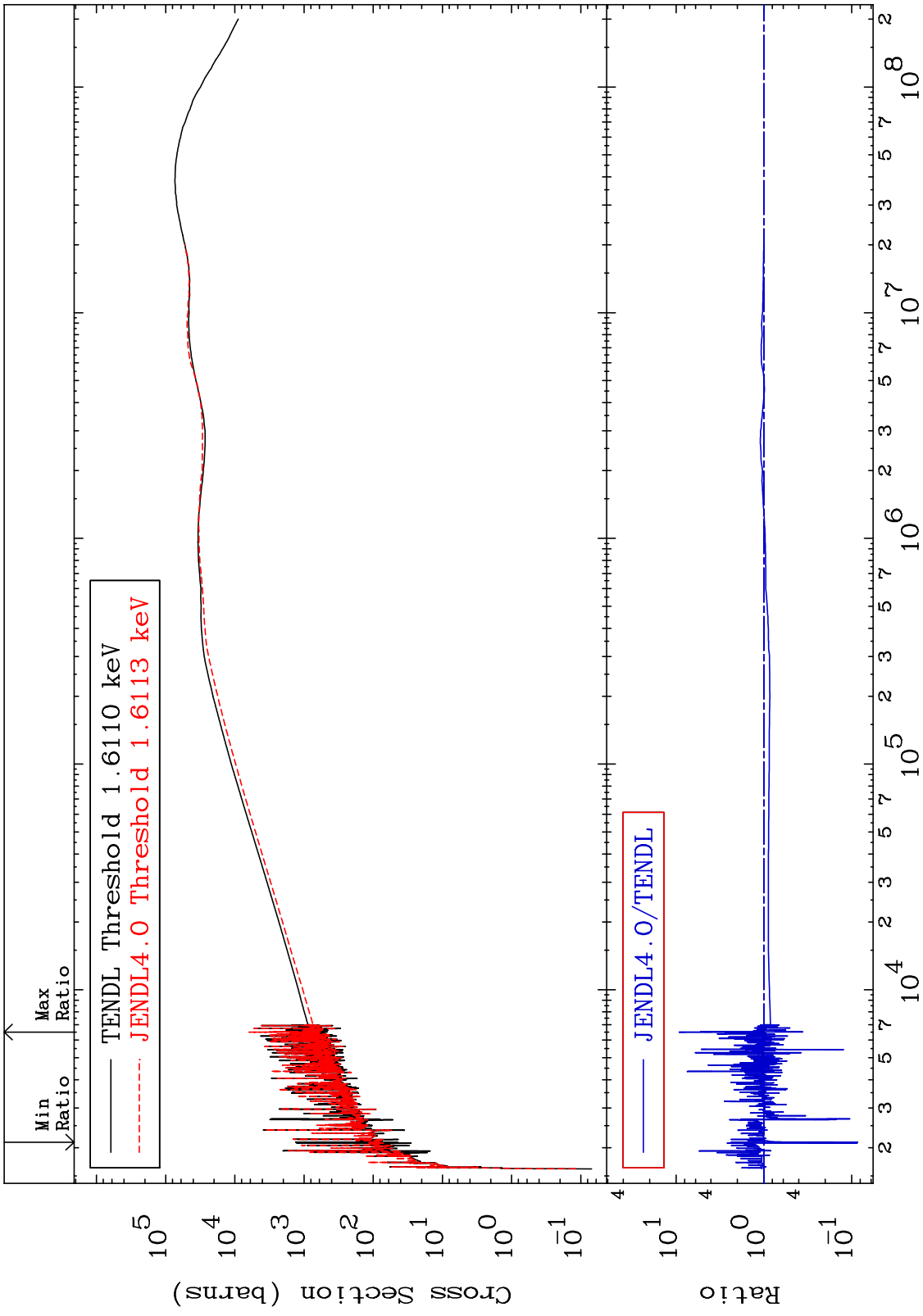
MAT 4725

Dpa total (eV-barns)
Cross Section

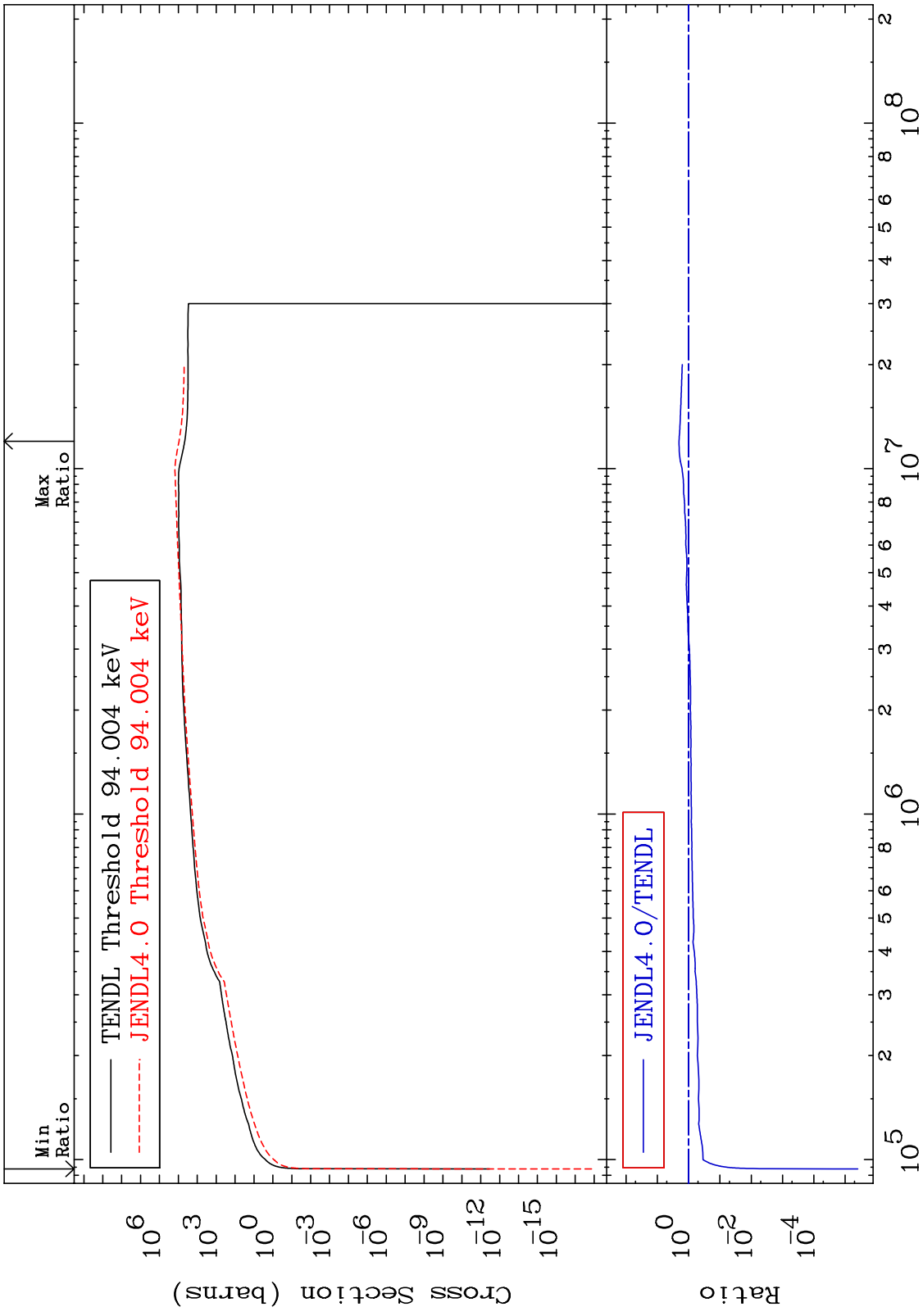
47-Ag-107
-99.68 To 9999. %



MAT 4725 Dpa elastic (mt2) 47-Ag-107
Cross Section -91.51 To 824.8 %



MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 102.3 %

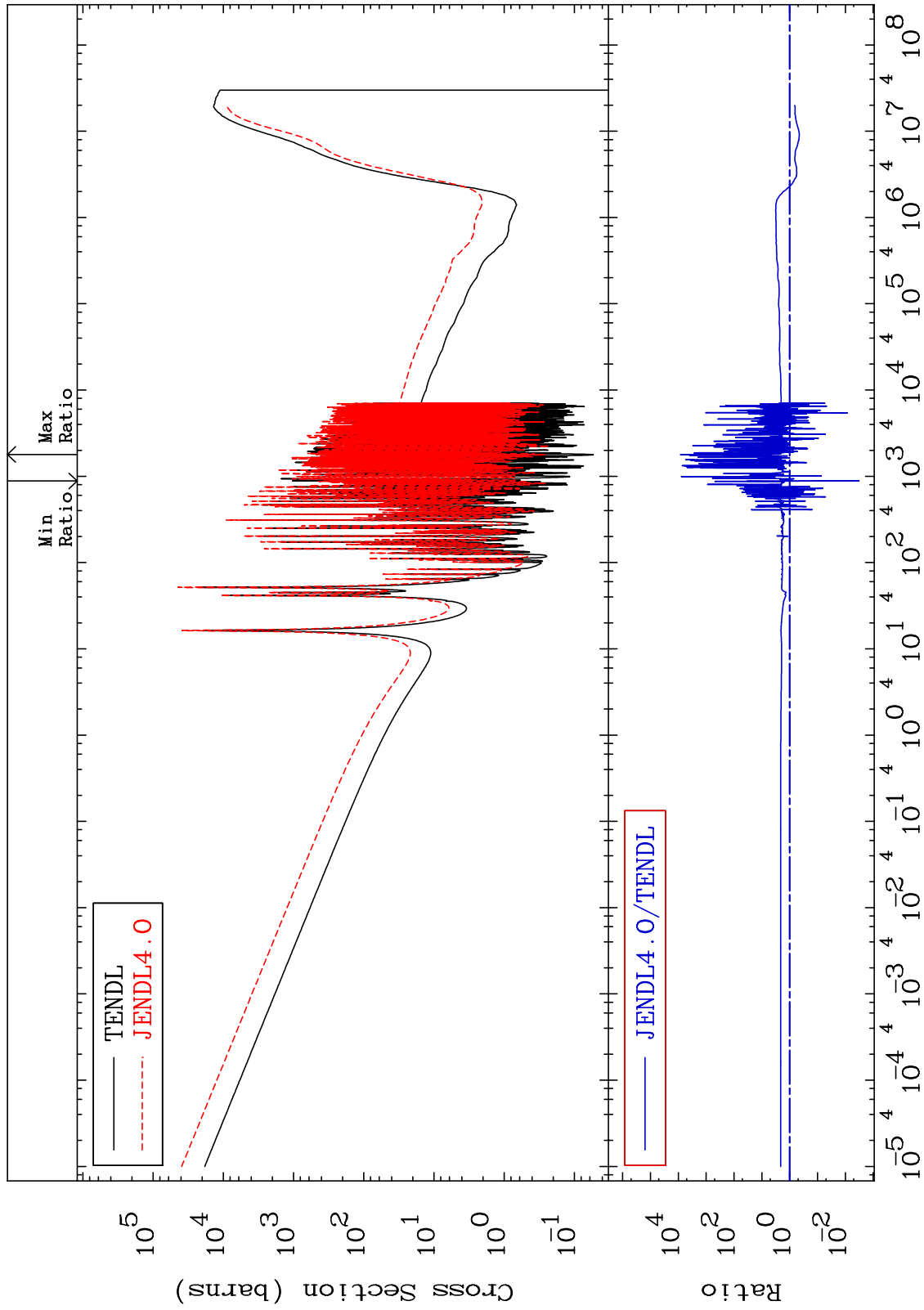


54 Incident Energy (eV) 47-Ag-107

MAT 4725

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-107
-99.68 To 9999. %



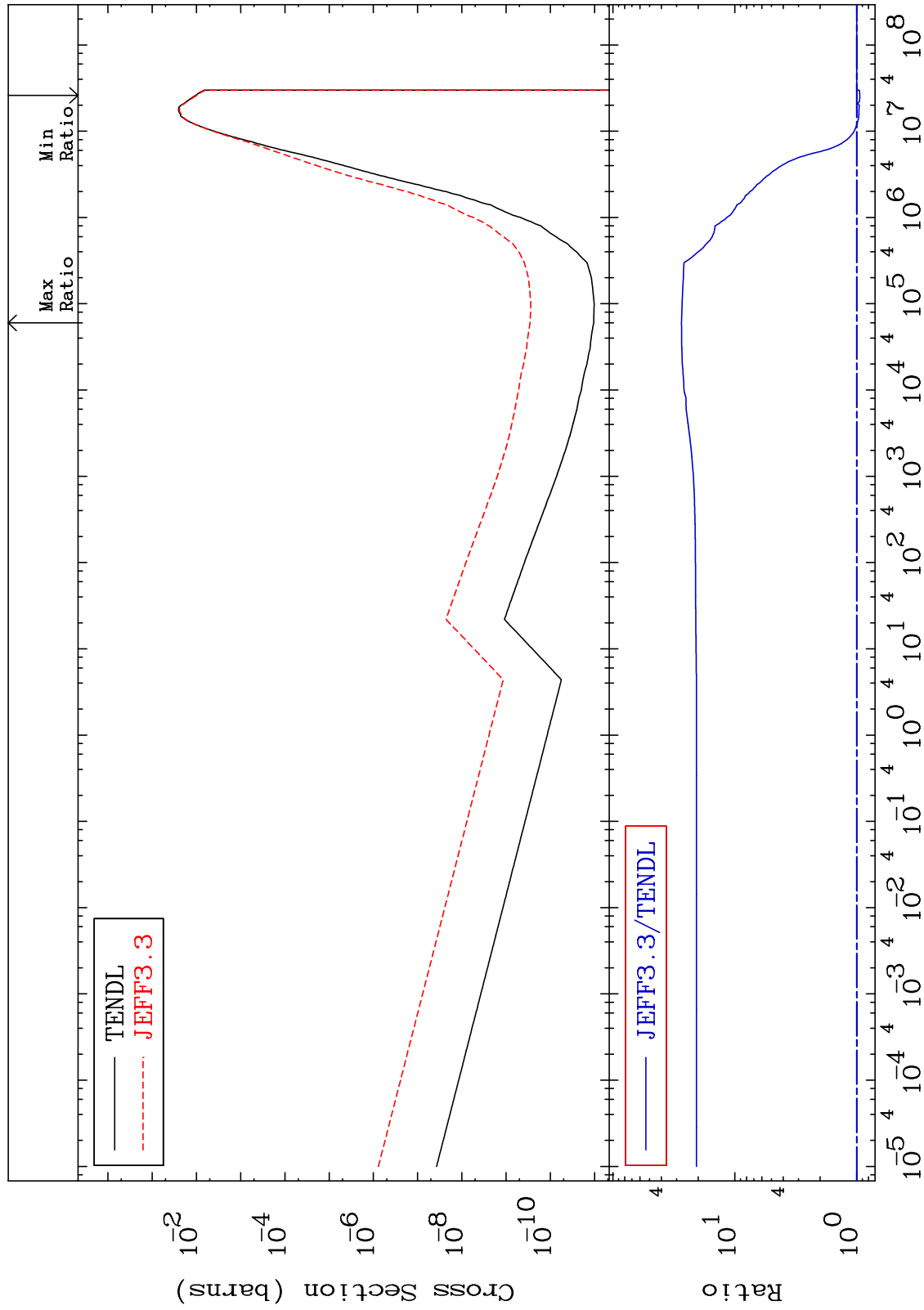
MAT 4725

(n, α)

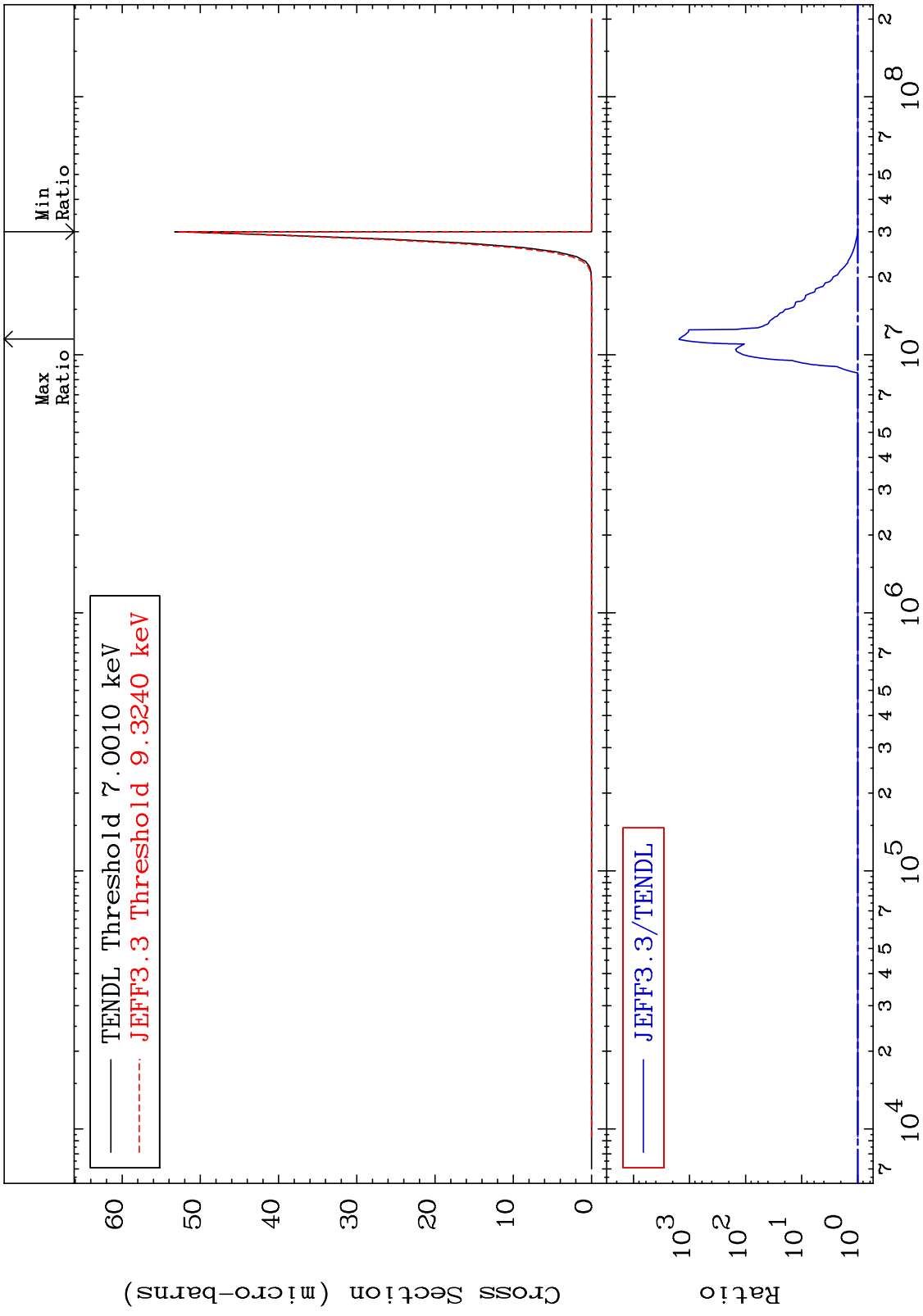
47-Ag-107

Cross Section

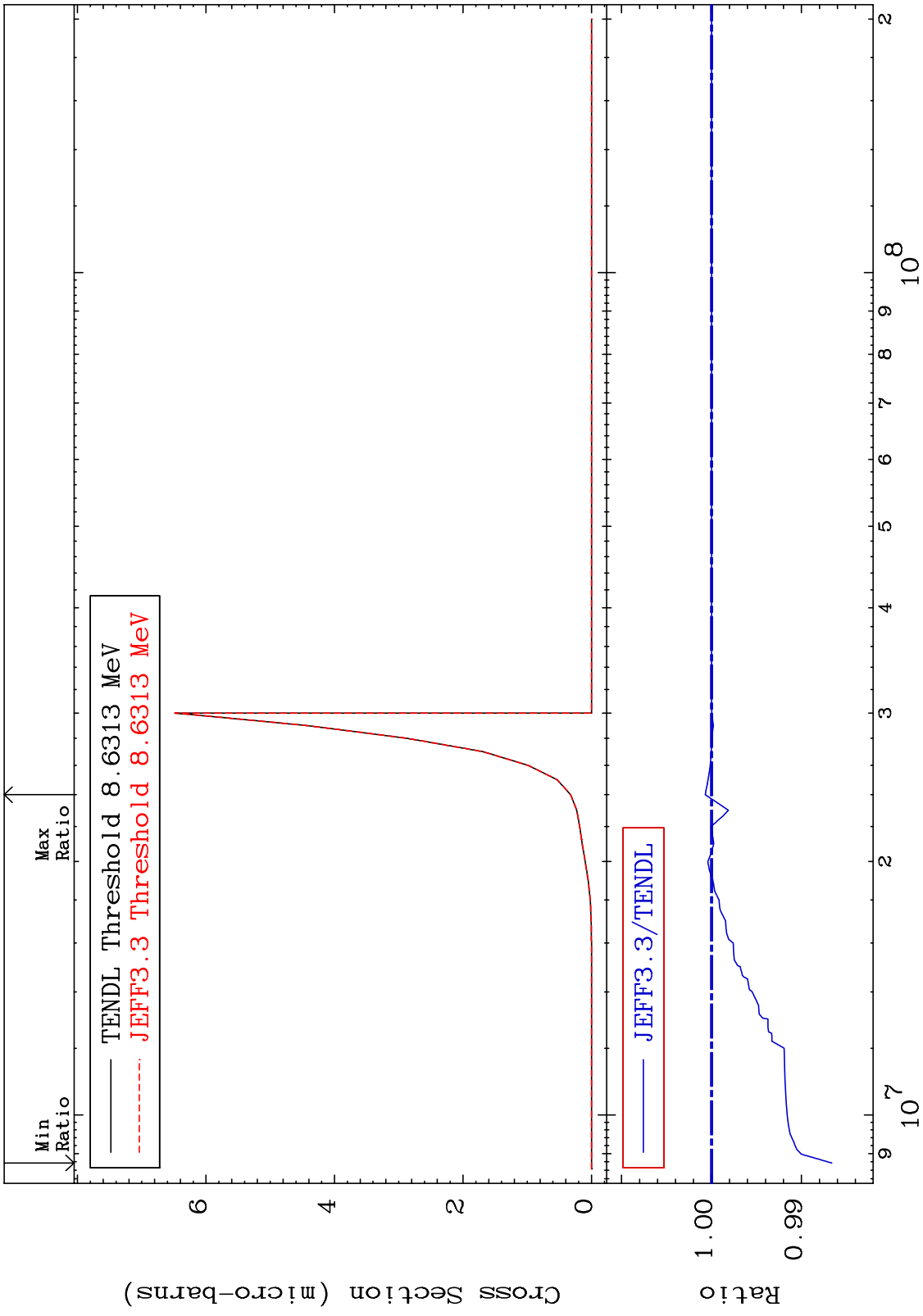
-5.711 To 2639. %

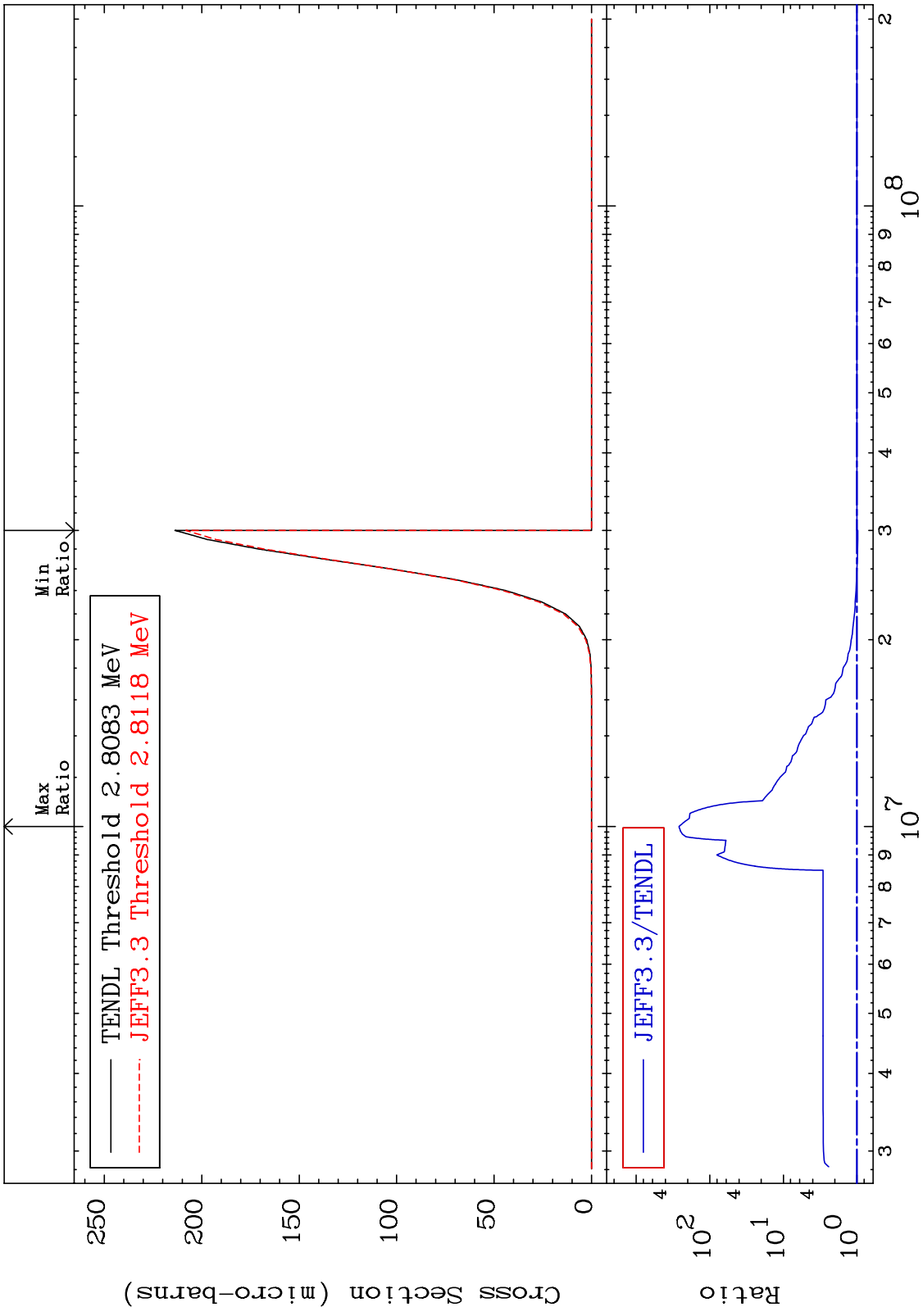


MAT 4725 (n,2α) Cross Section 47-Ag-107 -0.577 To 9999. %

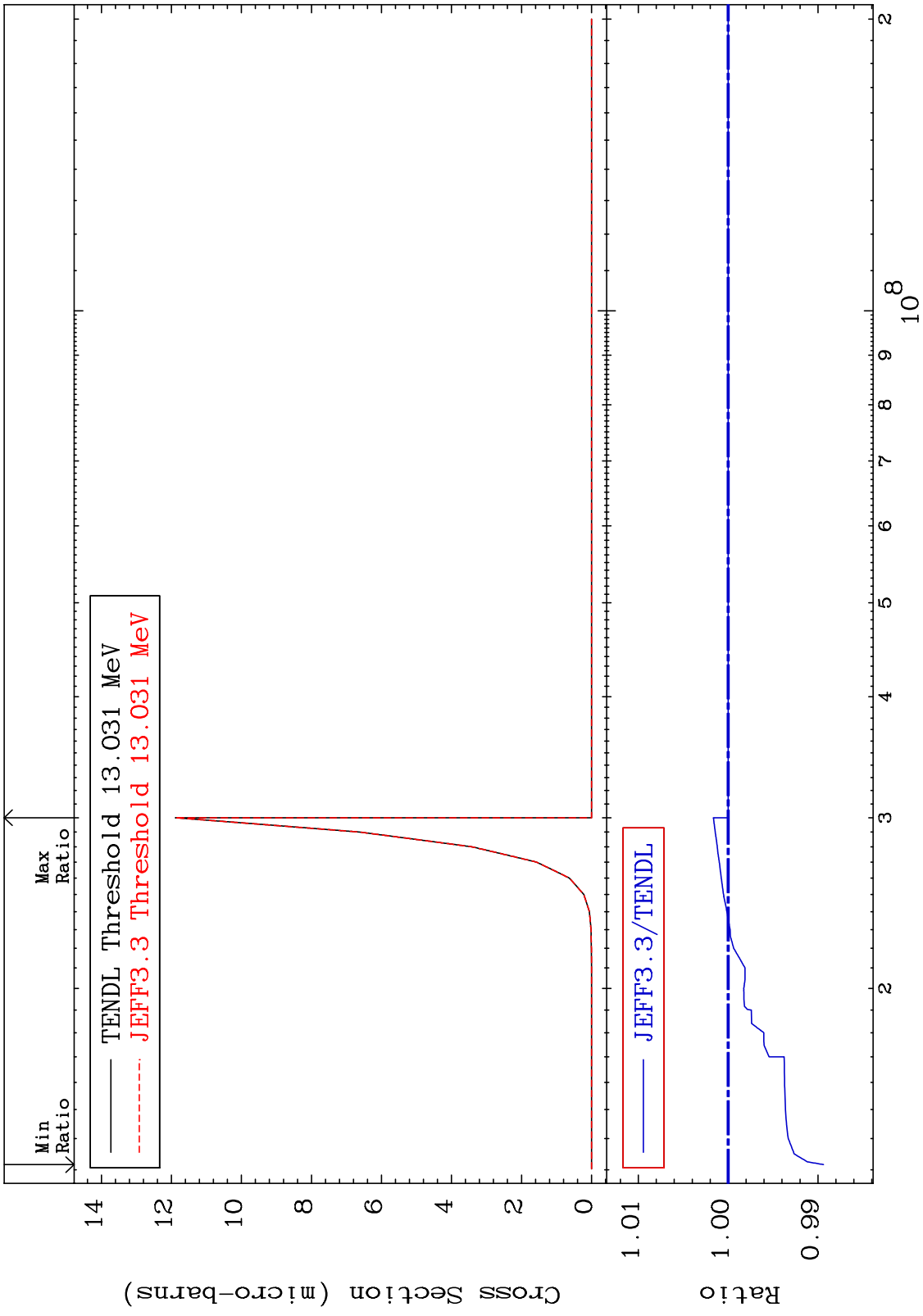


MAT 4725 (n,2p) Cross Section 47-Ag-107 -1.336 To 0.070 %

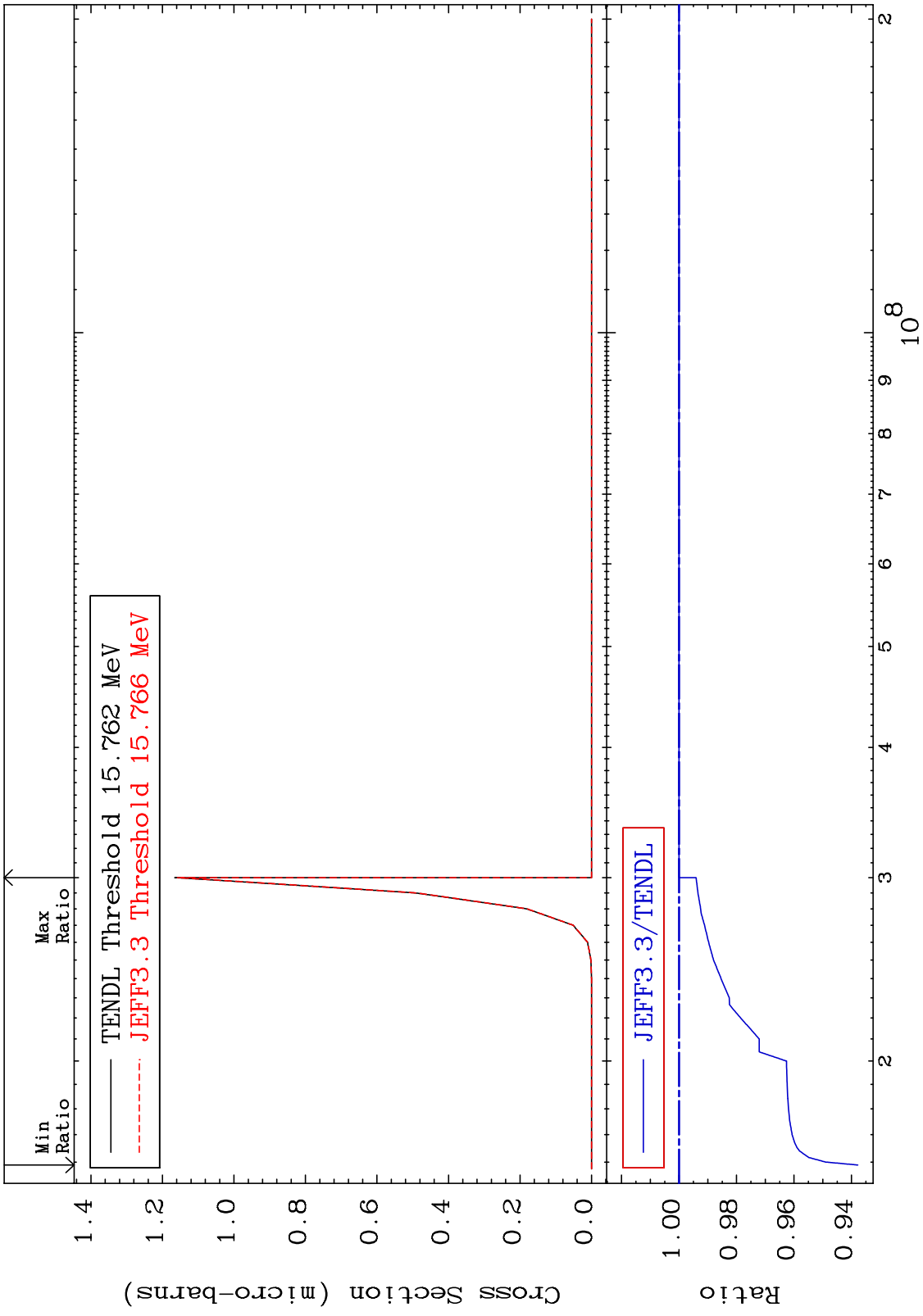




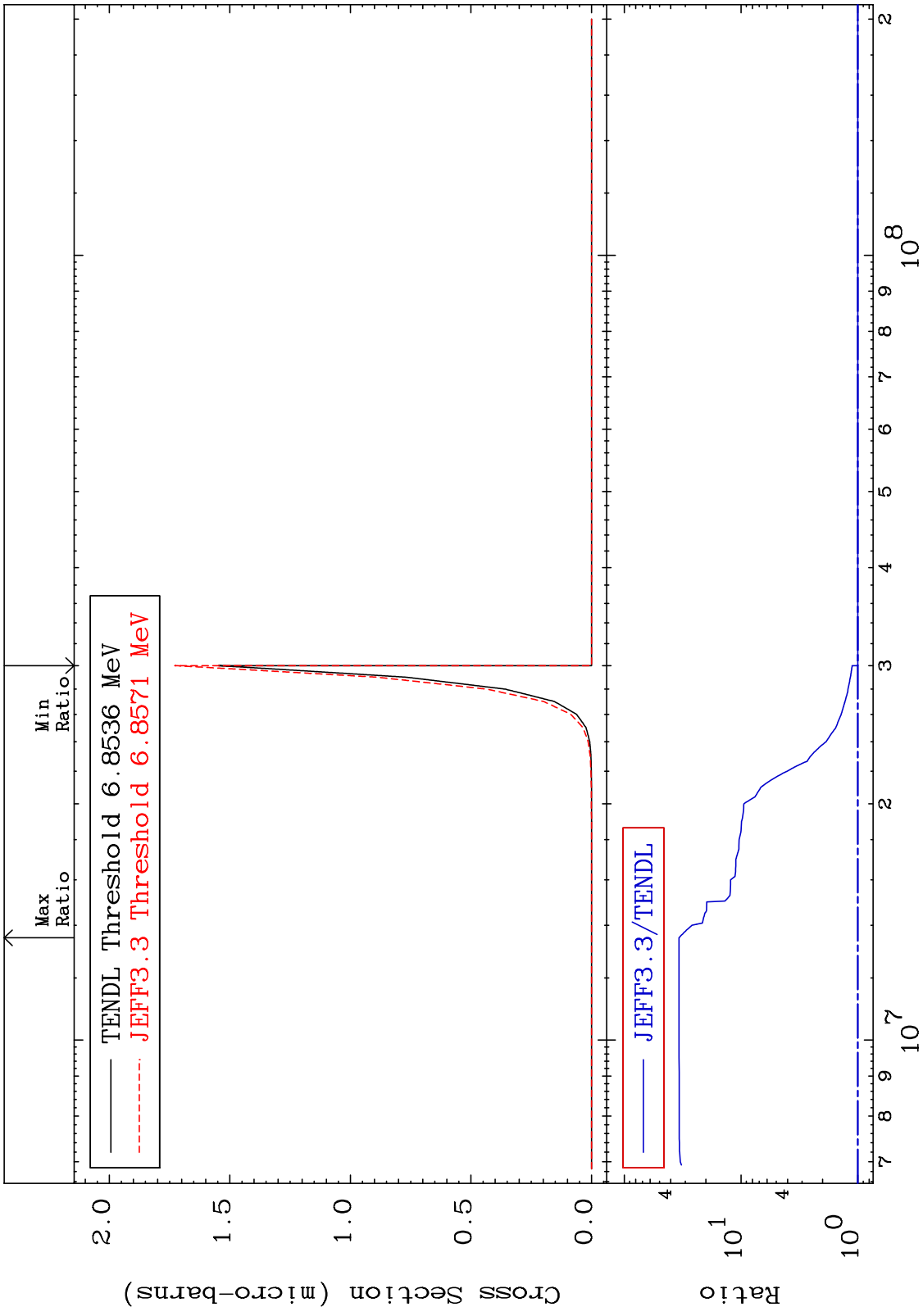
MAT 4725 (n,p) d 47-Ag-107
 Cross Section -1.062 To 0.164 %



MAT 4725 (n,p) t 47-Ag-107
 Cross Section -6.219 To 0.000 %



MAT 4725 (n,d) α 47-Ag-107
 Cross Section 0.000 To 3298. %

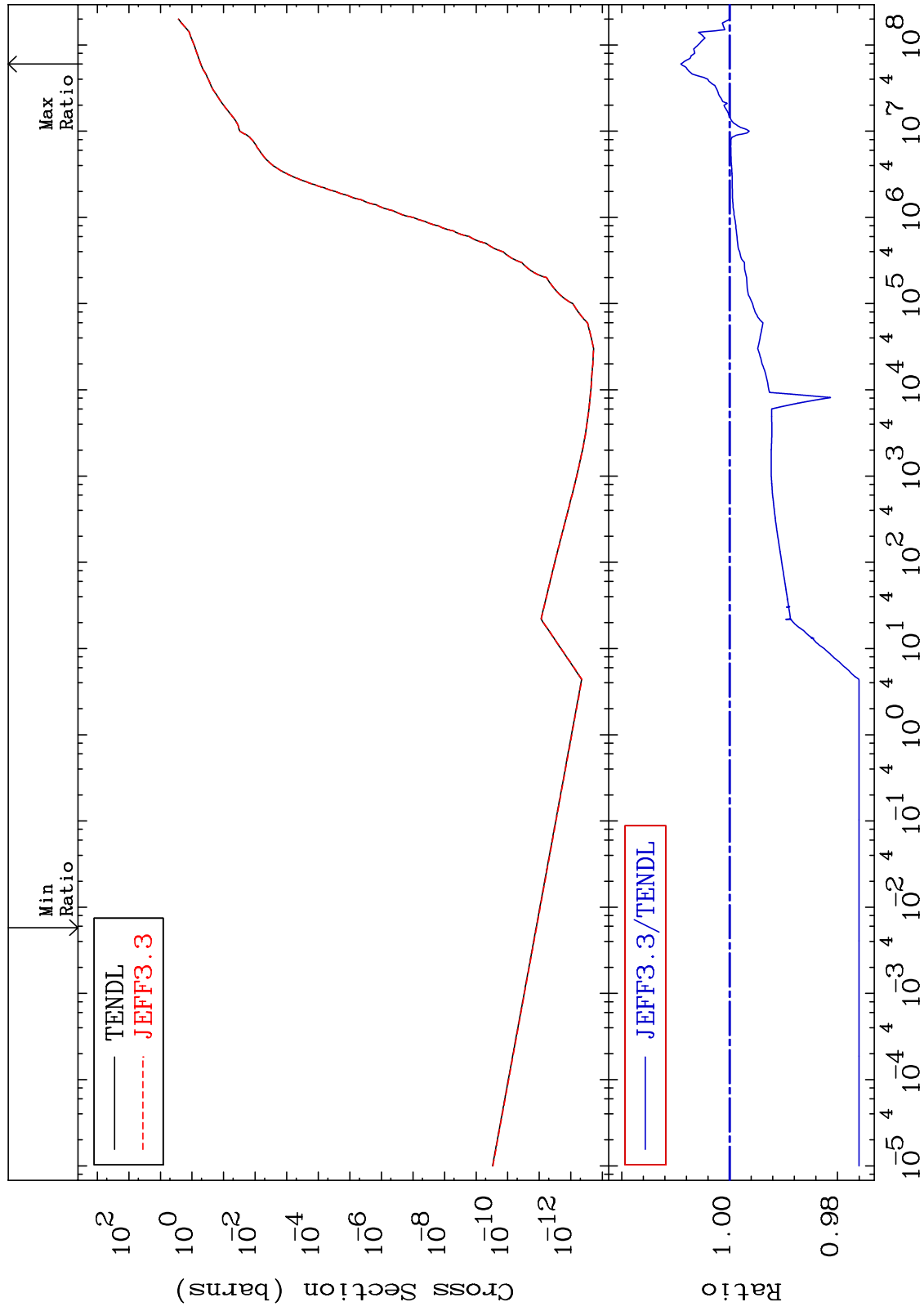


62 47-Ag-107

MAT 4725

Hydrogen Production Cross Section

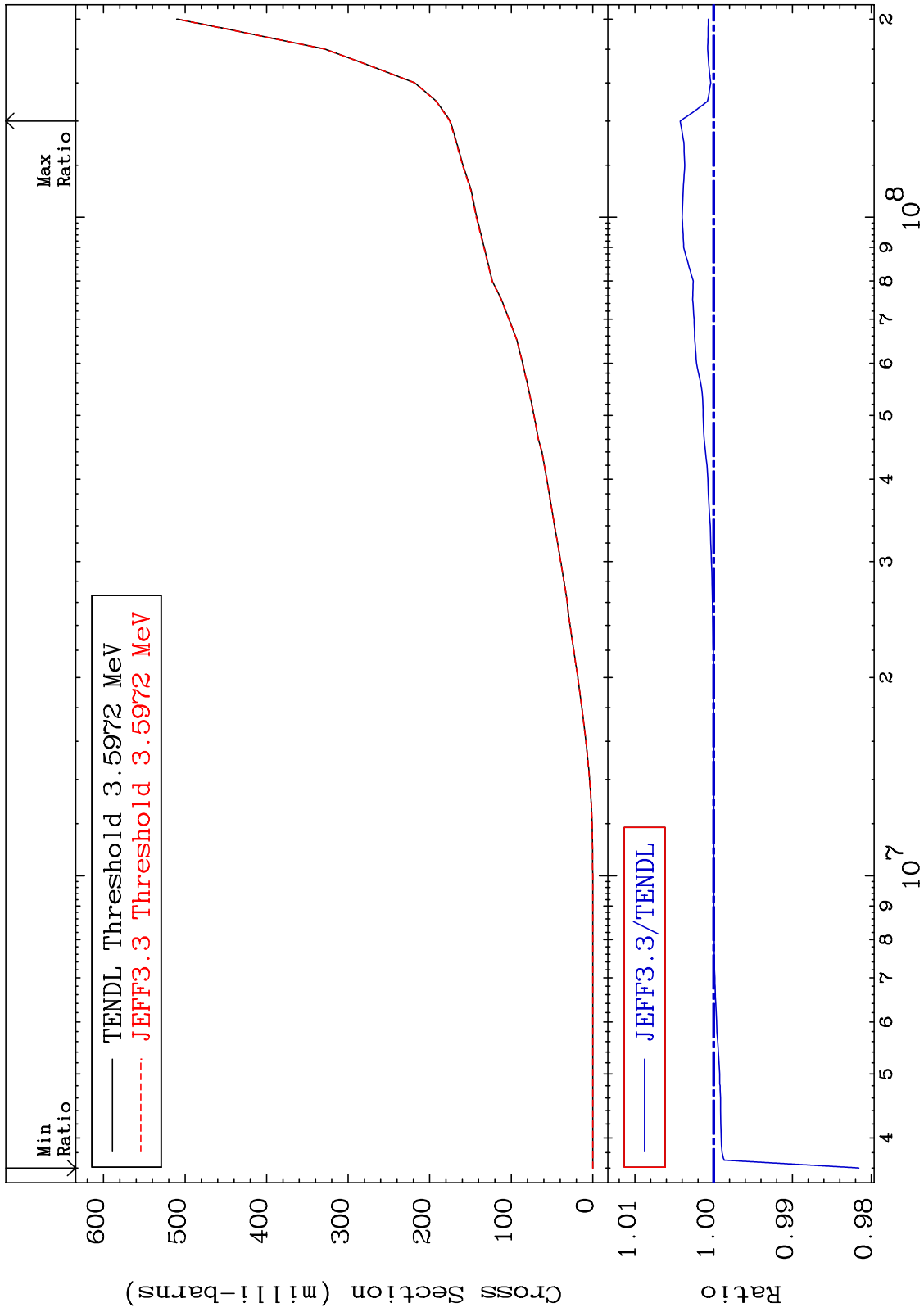
47-Ag-107
-2.399 To 0.903 %



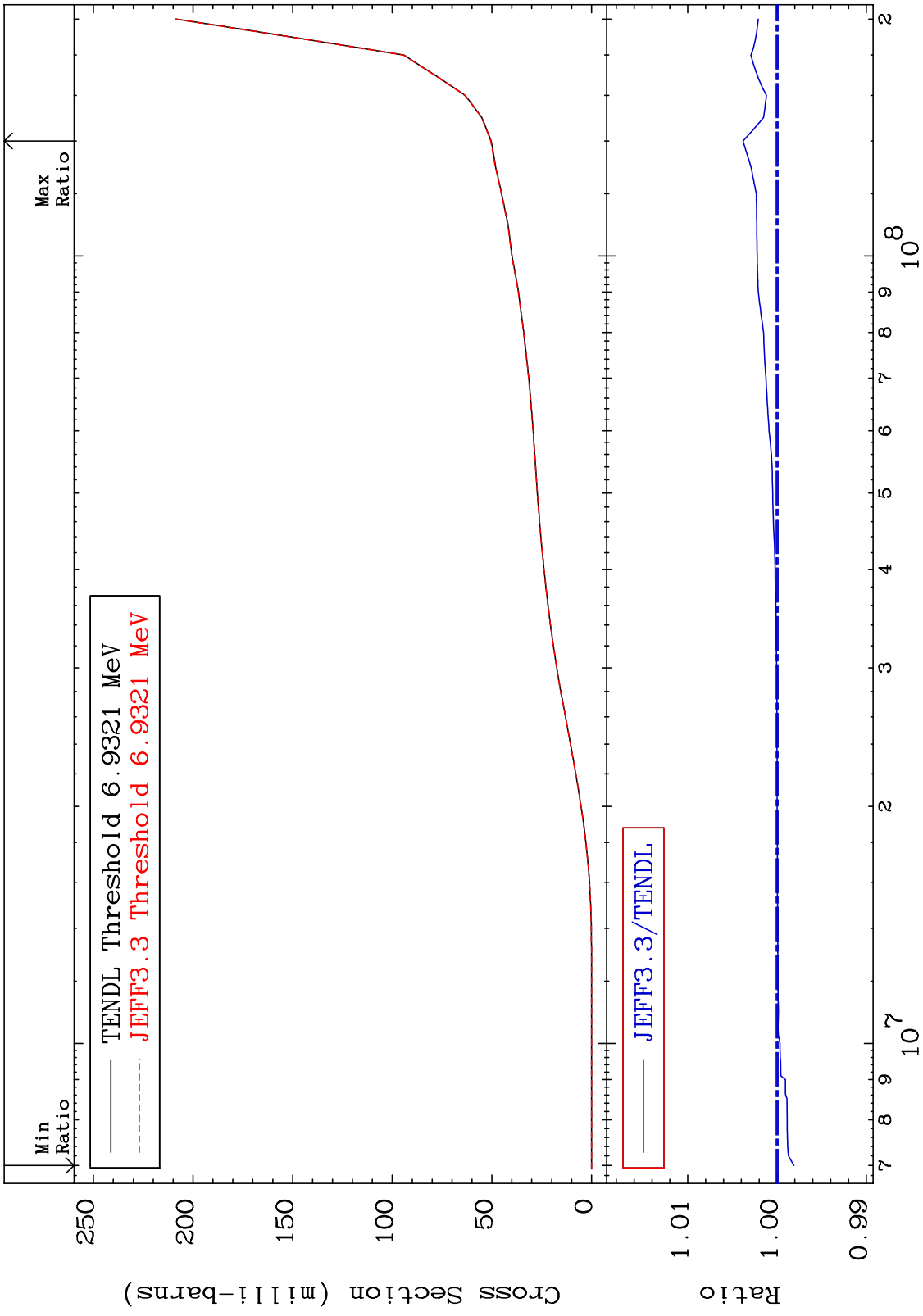
MAT 4725

Deuterium Production
Cross Section

47-Ag-107
-1.843 To 0.425 %

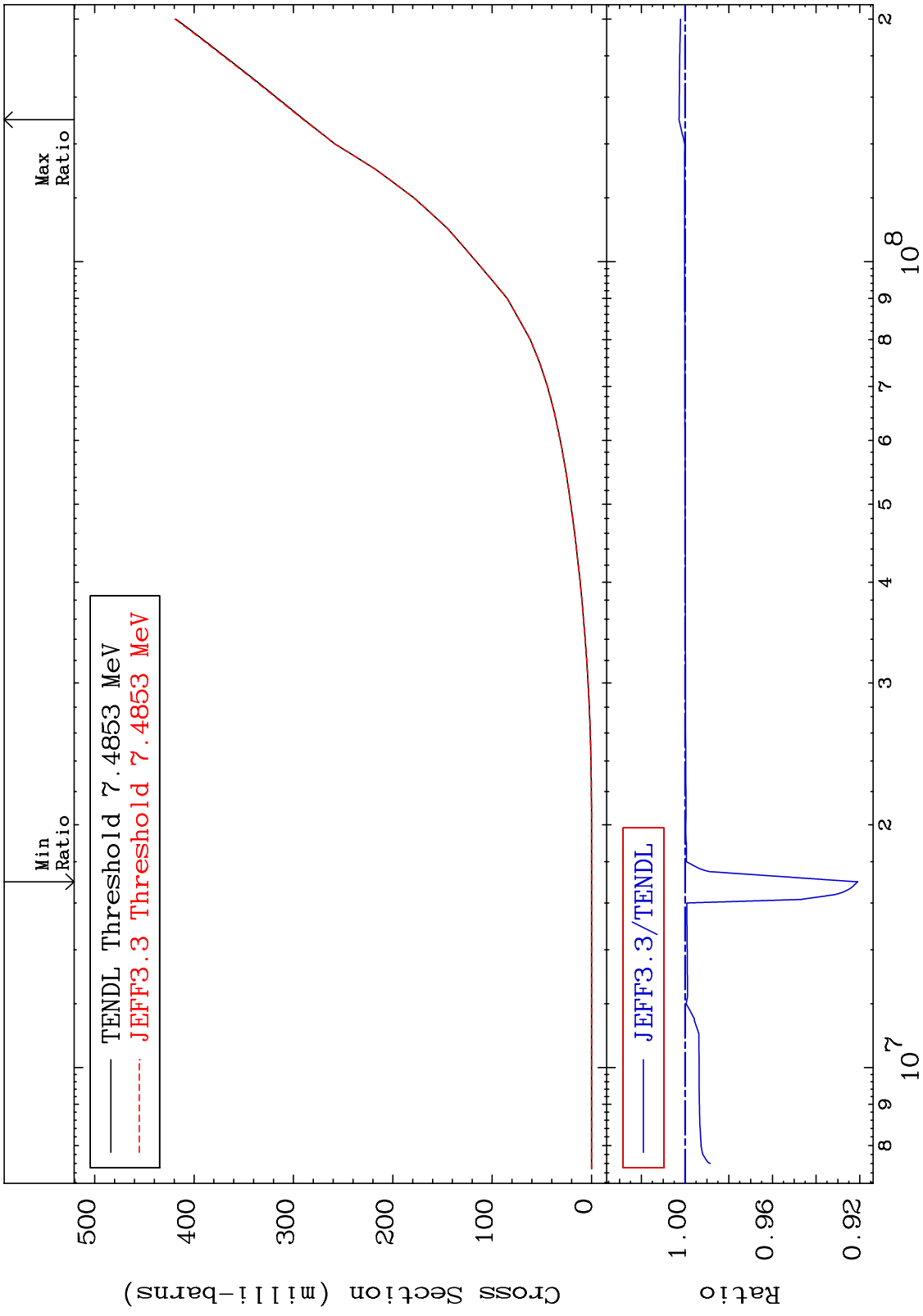


MAT 4725 Tritium Production Cross Section 47-Ag-107
-0.188 To 0.381 %



65 47-Ag-107

MAT 4725 He-3 Production Cross Section 47-Ag-107
 -7.910 To 0.277 %

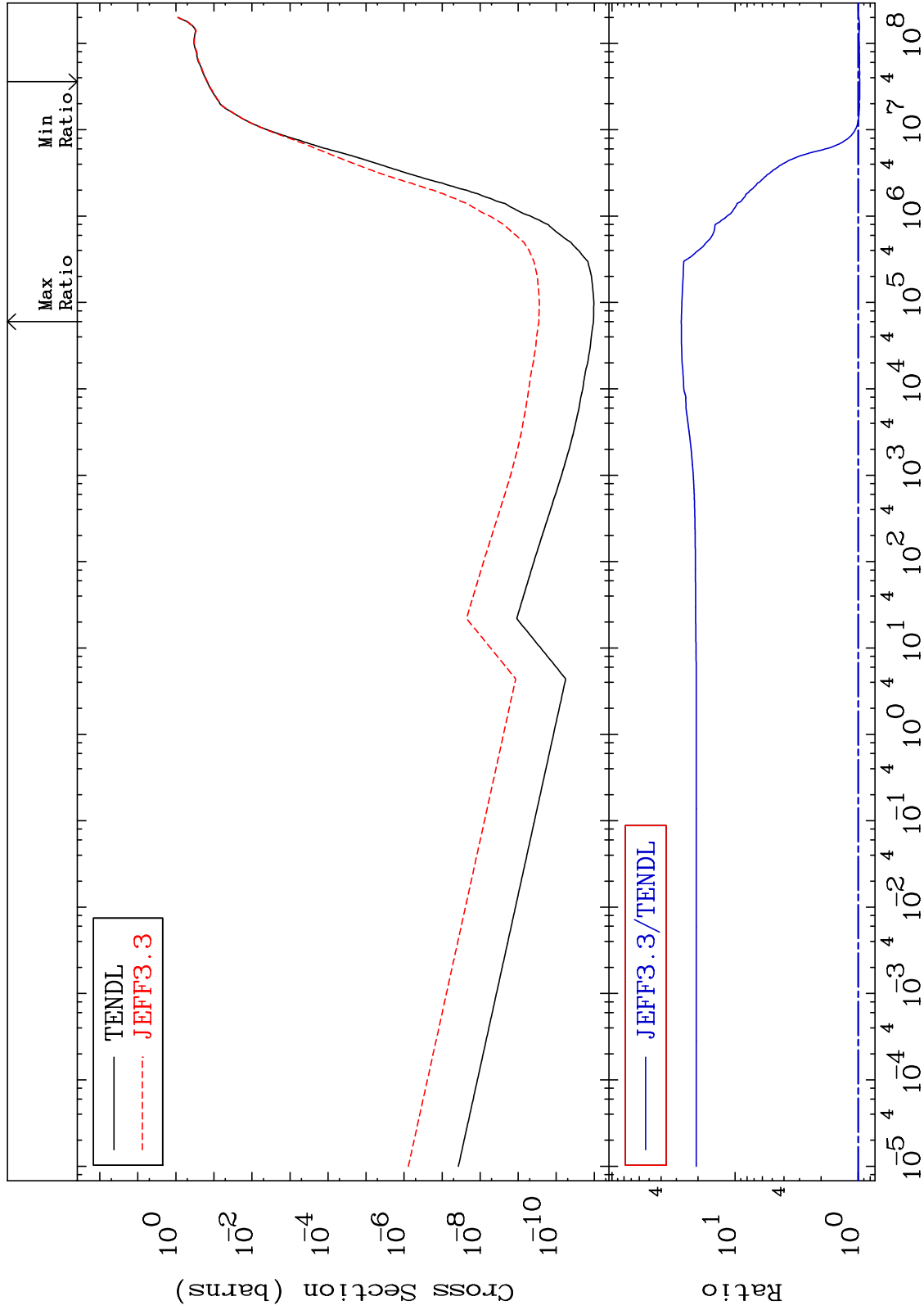


66 47-Ag-107

MAT 4725

He-4 Production
Cross Section

47-Ag-107
-2.914 To 2639. %

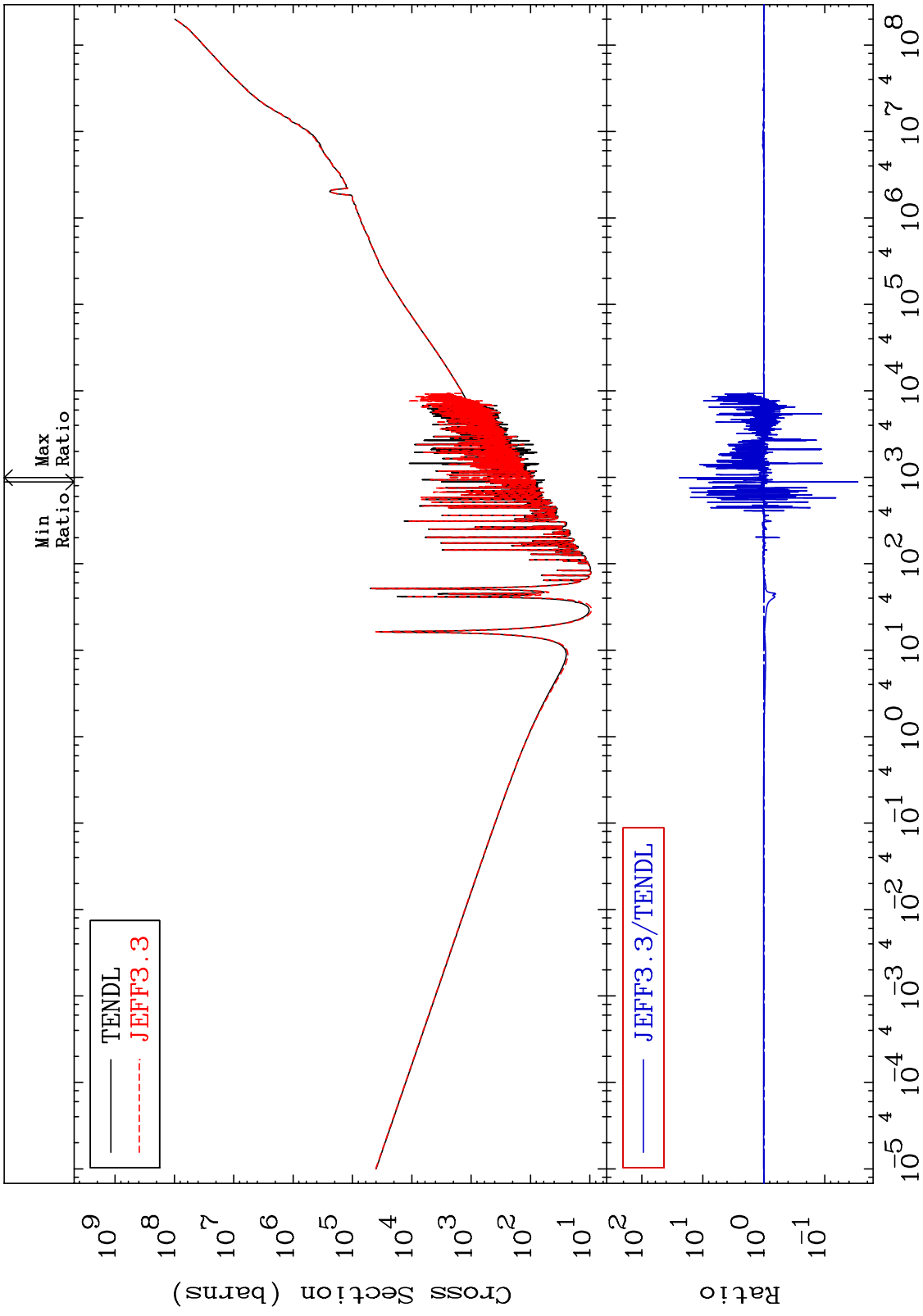


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Incident Energy (eV)

47-Ag-107

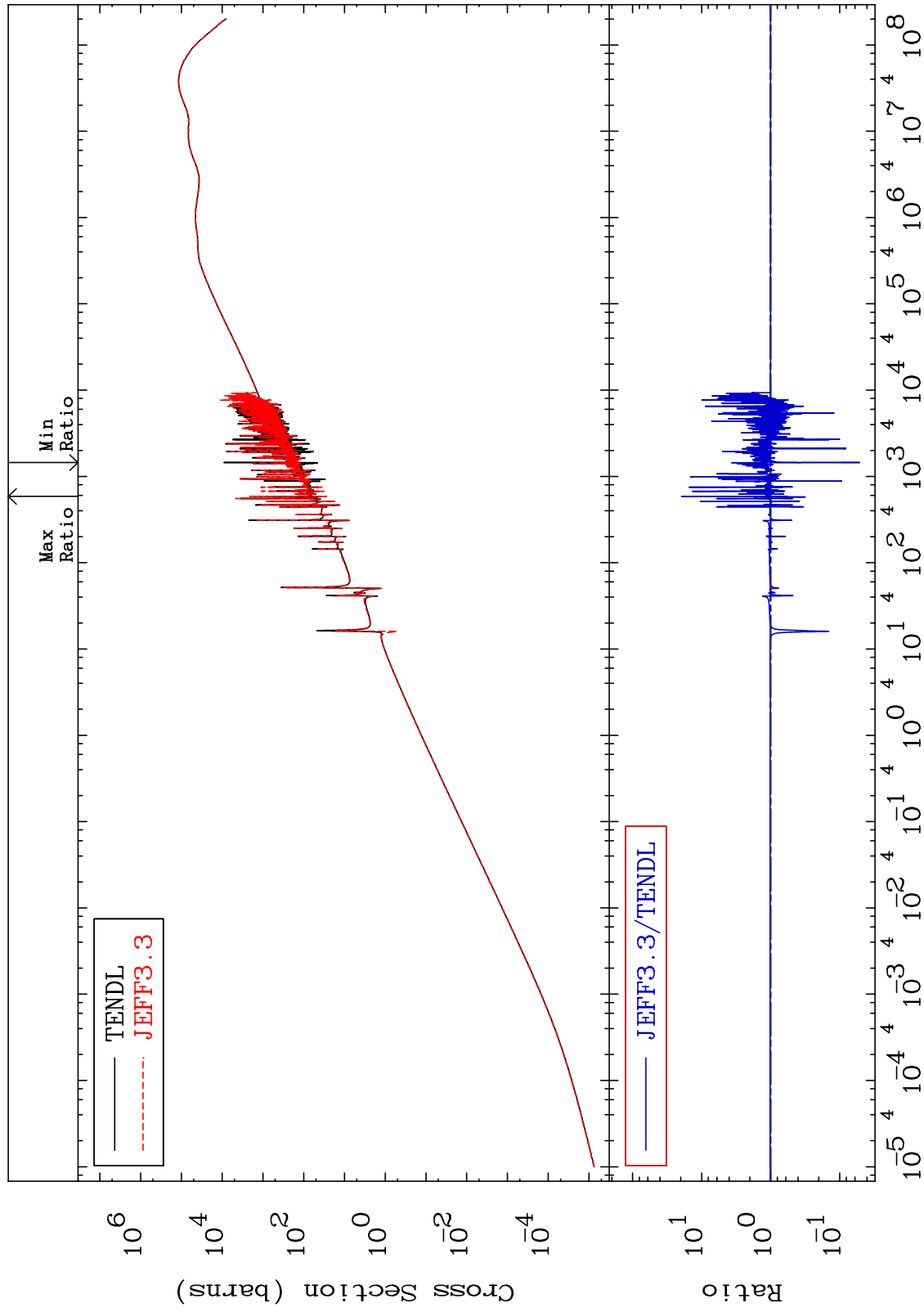
MAT 4725 Kerma total (eV-barns) 47-Ag-107
Cross Section -97.12 To 2352. %



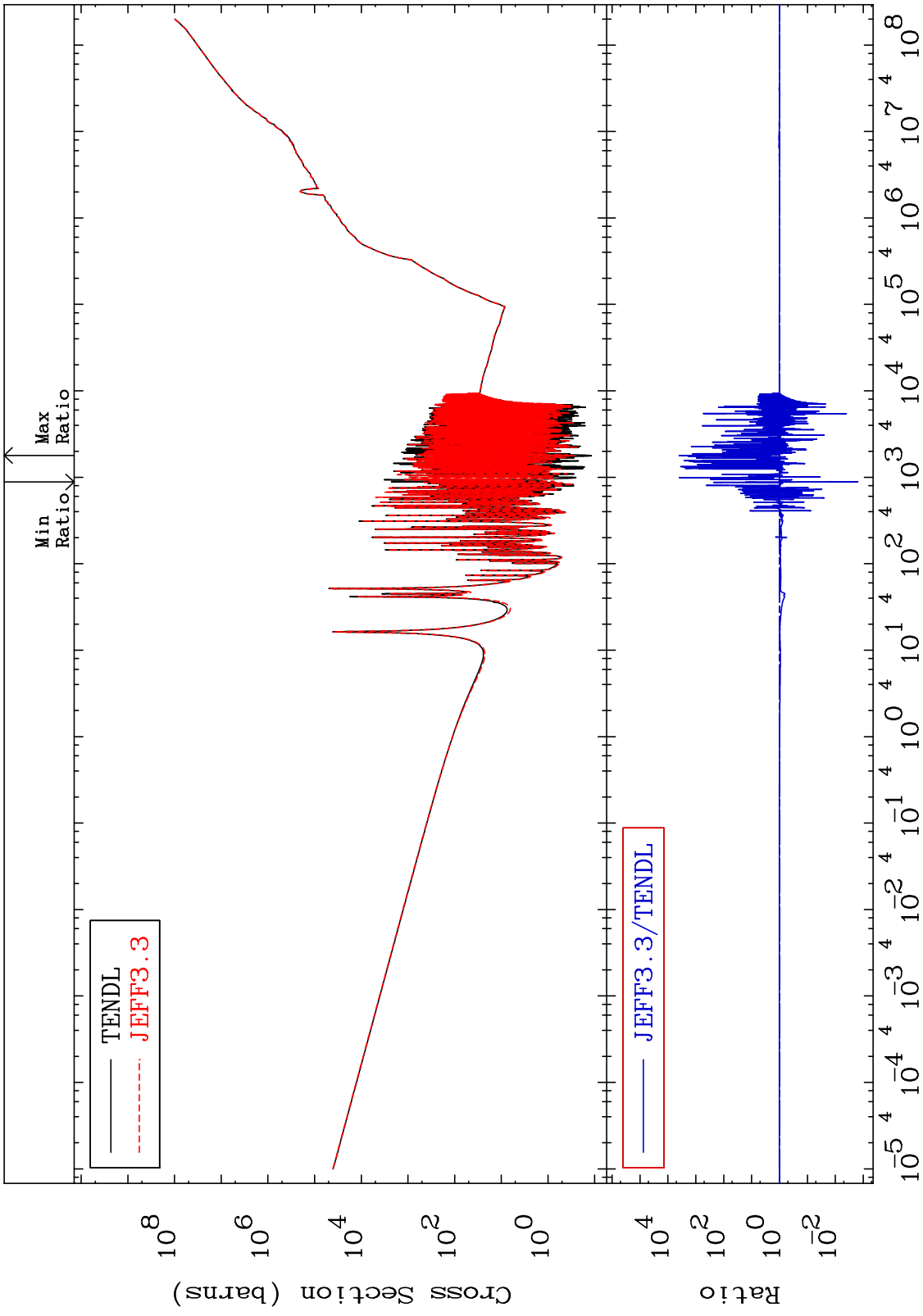
MAT 4725

Kerma elastic
Cross Section

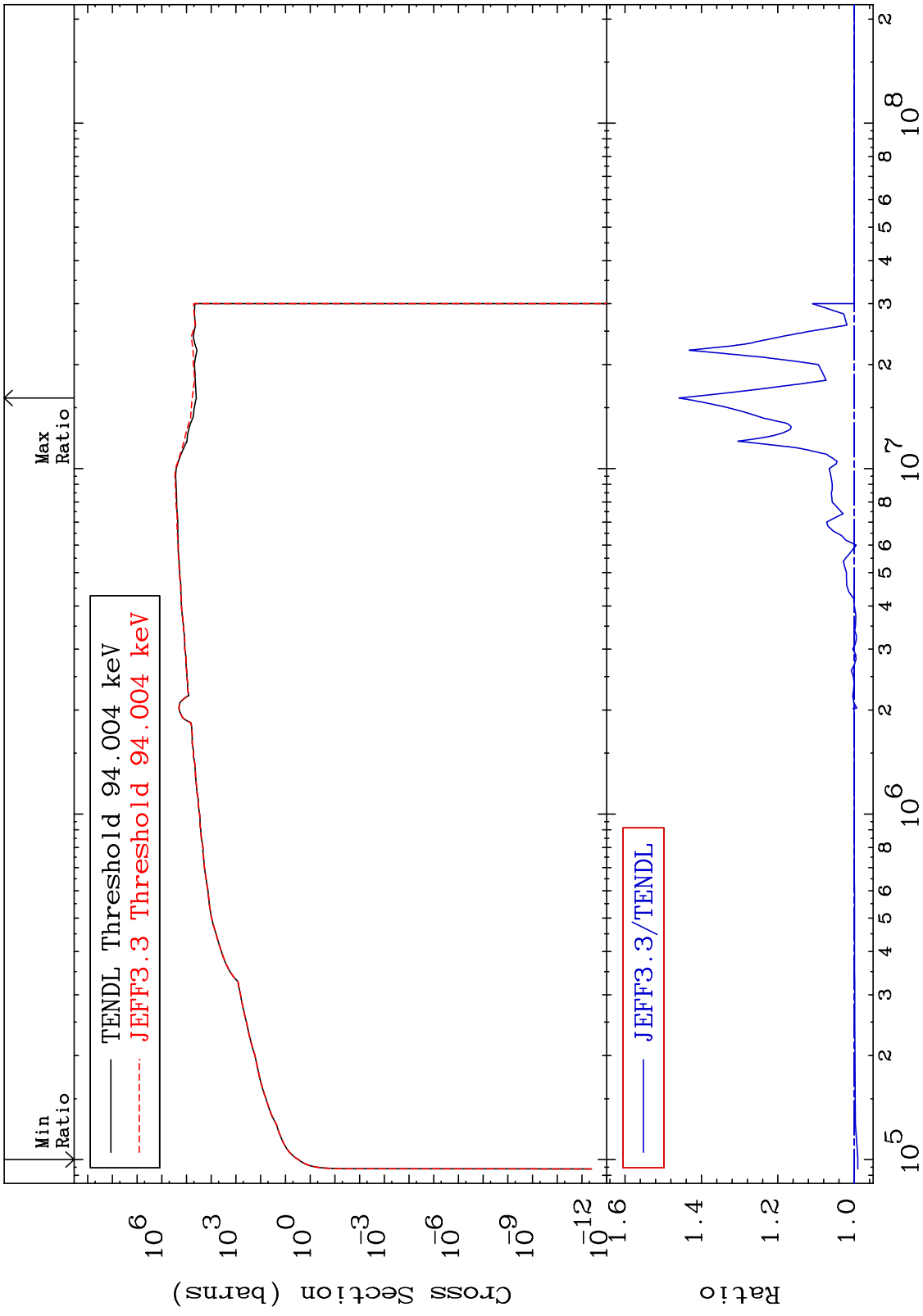
47-Ag-107
-94.91 To 1857. %



MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107
Cross Section -99.84 To 9999. %



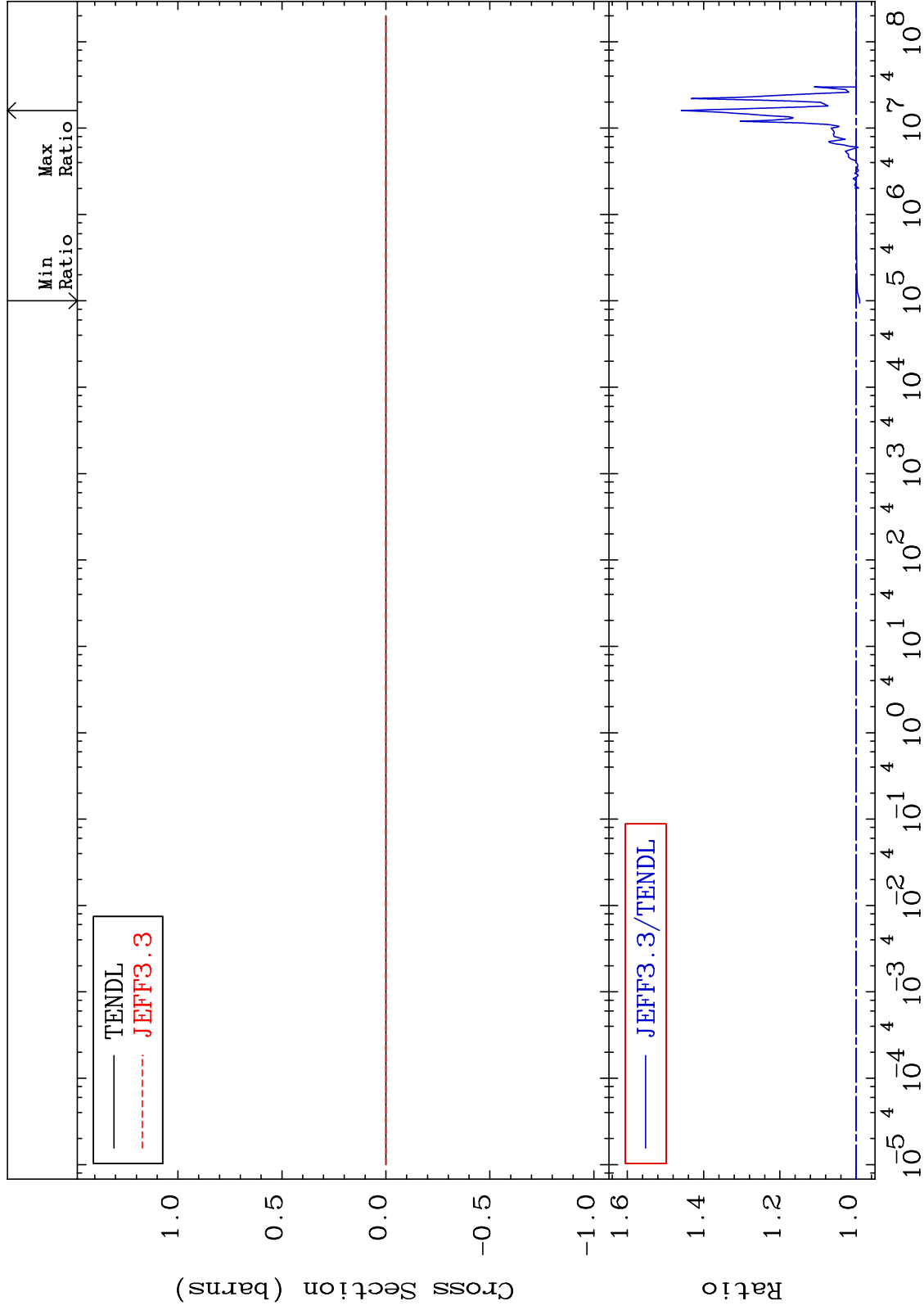
MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107
 Cross Section -0.930 To 45.87 %



MAT 4725

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

47-Ag-107
-0.930 To 45.87 %



72

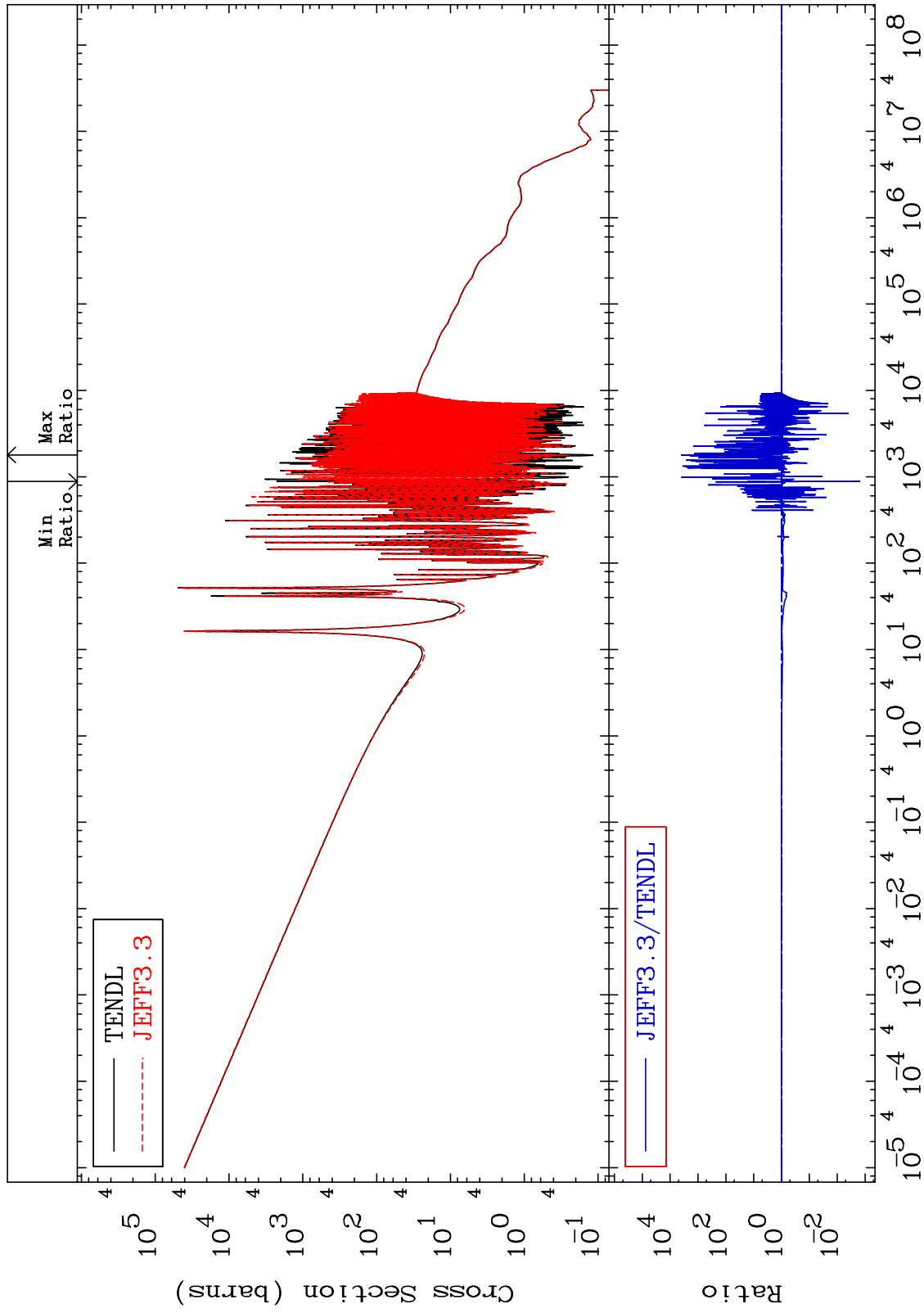
Incident Energy (eV)

47-Ag-107

MAT 4725

Kerma capture (mt102)
Cross Section

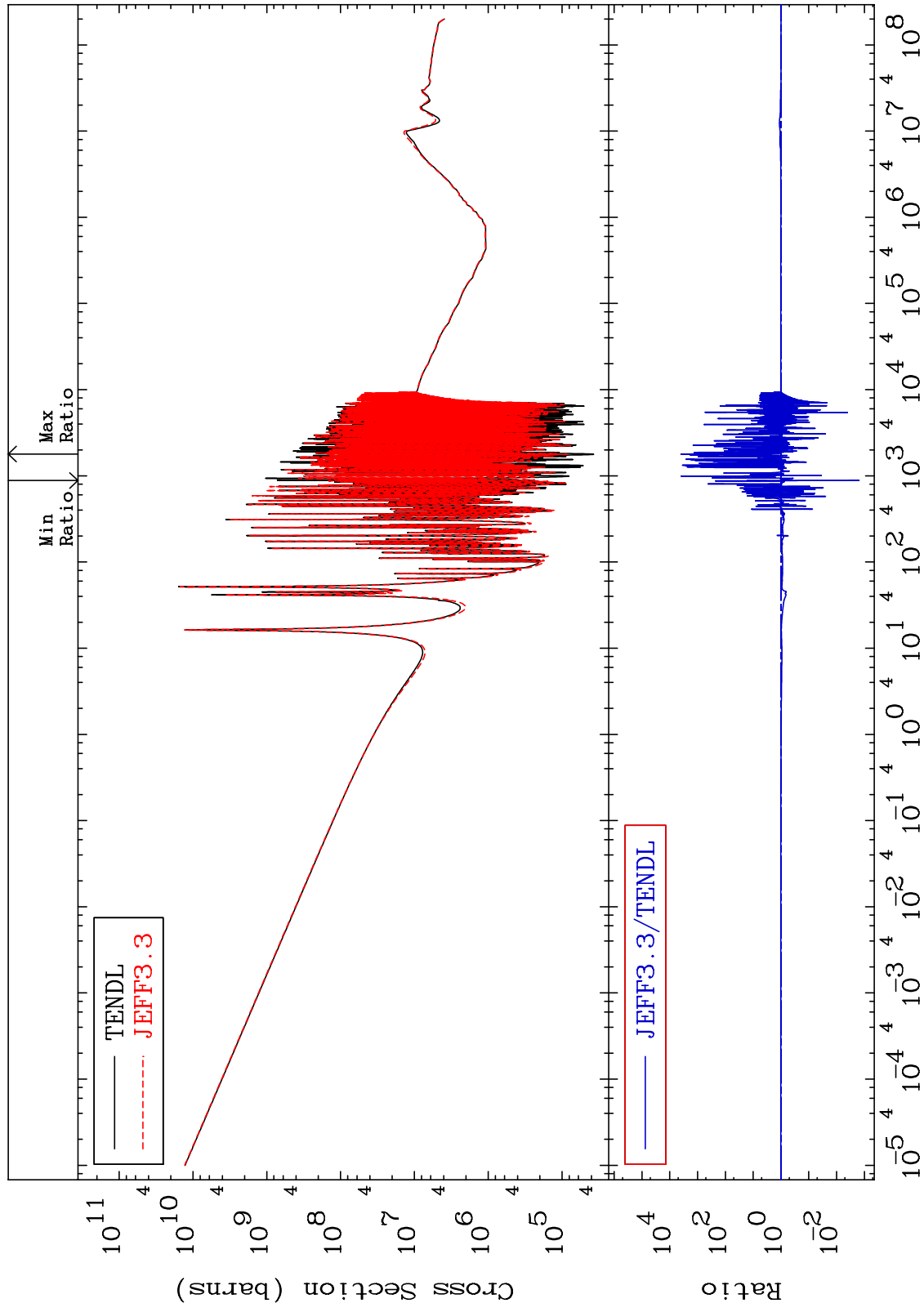
47-Ag-107
-99.84 To 9999. %



MAT 4725

Total photon (eV-barns)
Cross Section

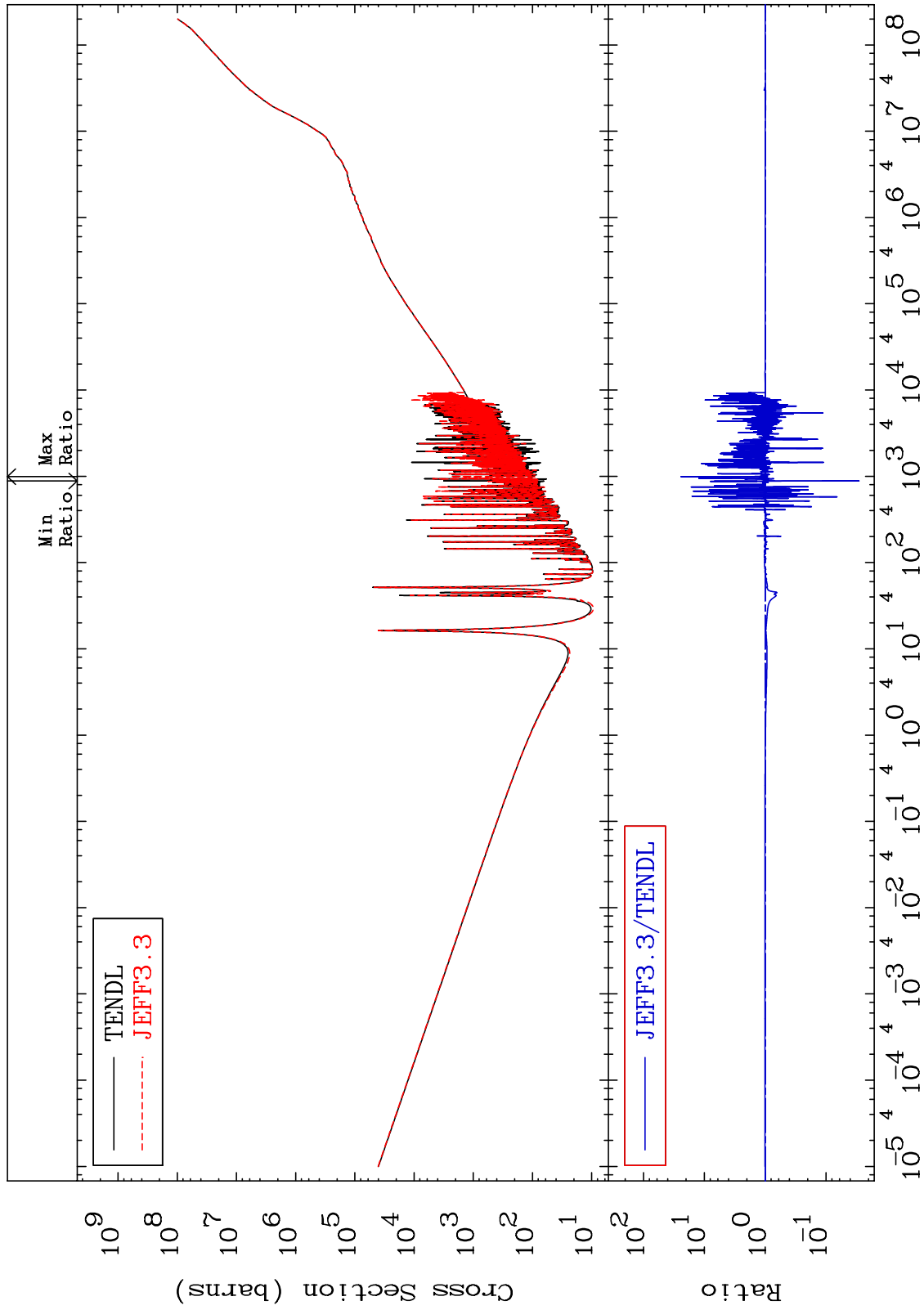
47-Ag-107
-99.84 To 9999. %



MAT 4725

Total kinematic kerma (high limit)
Cross Section

47-Ag-107
-97.12 To 2352. %



75

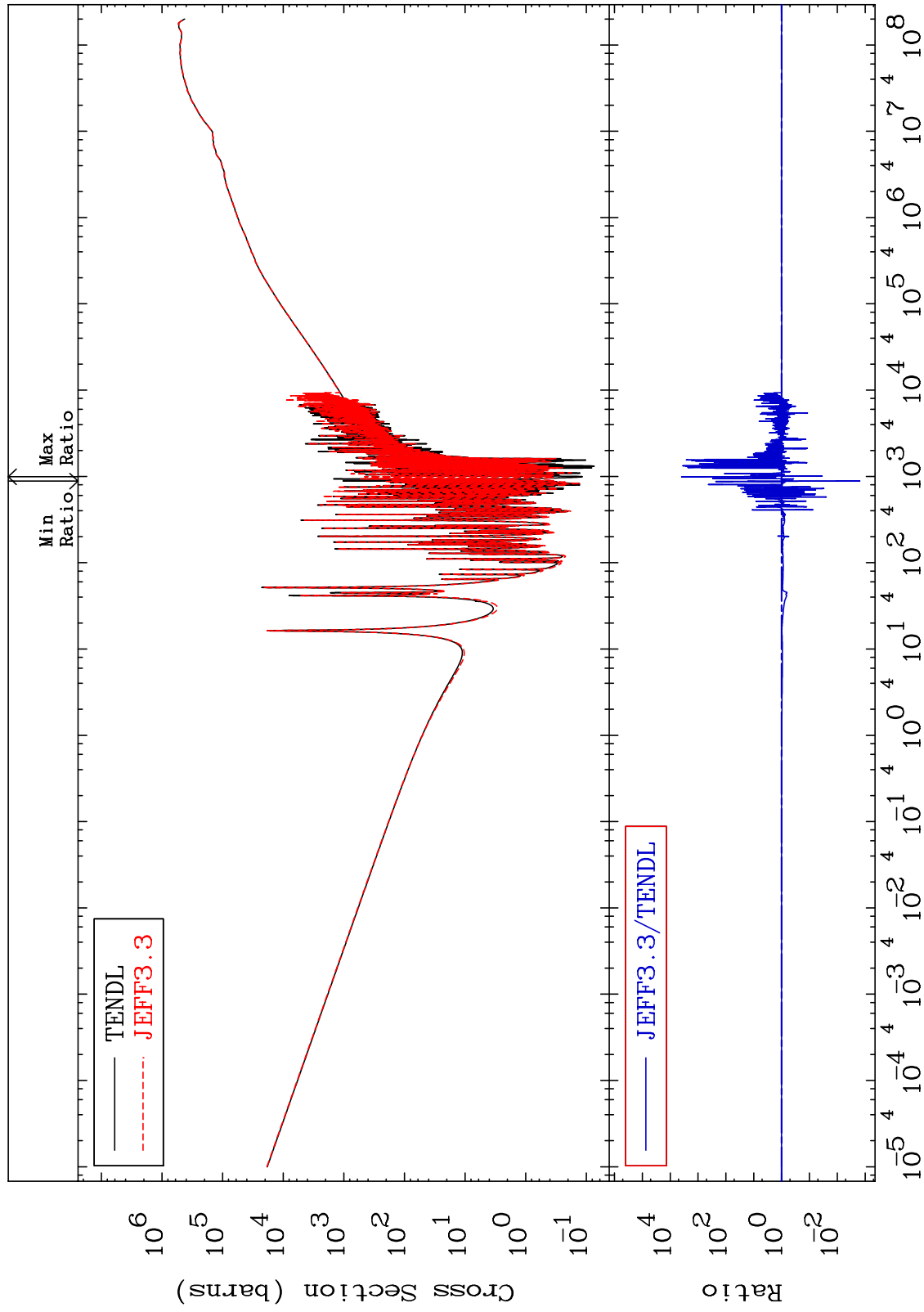
Incident Energy (eV)

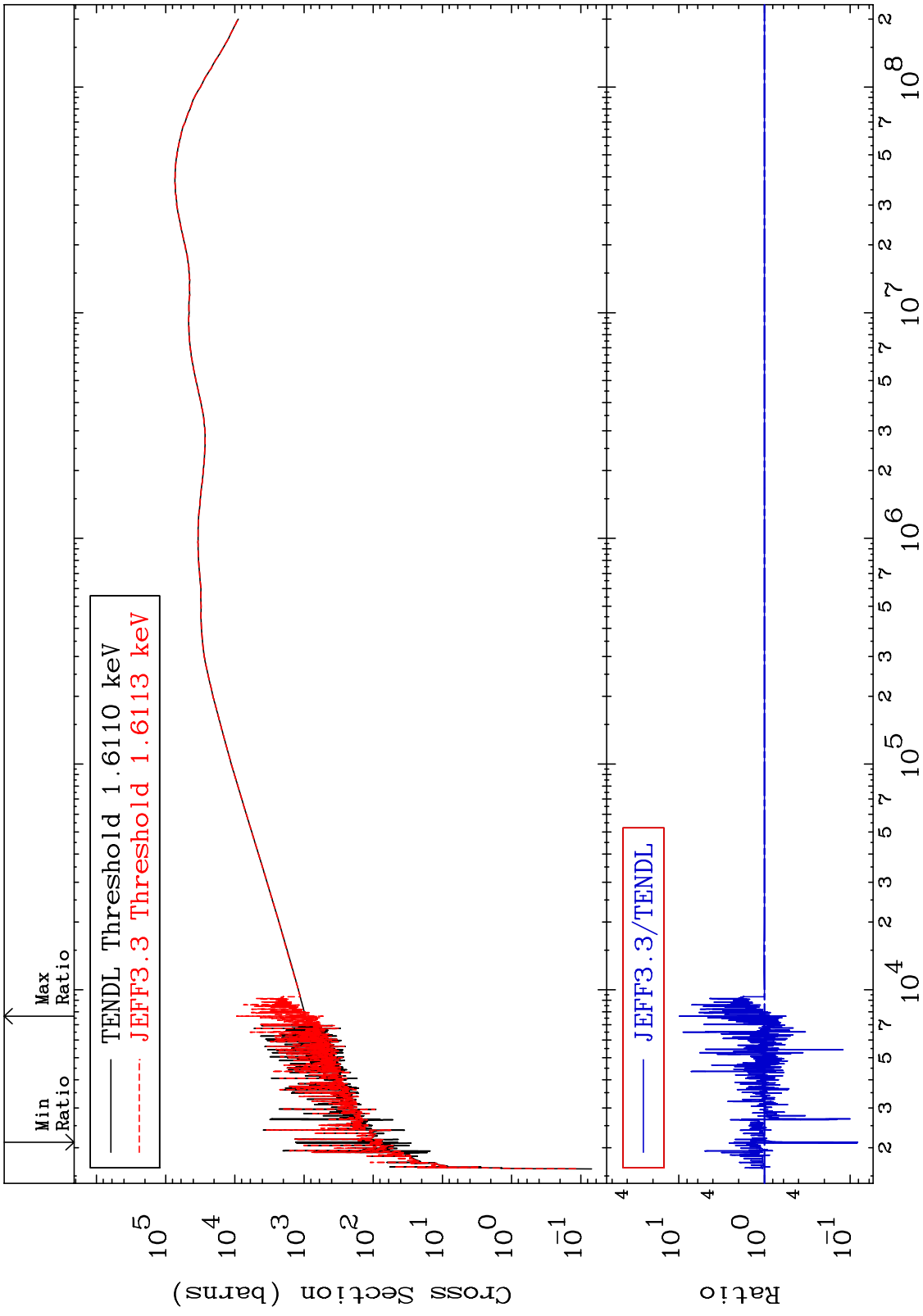
47-Ag-107

MAT 4725

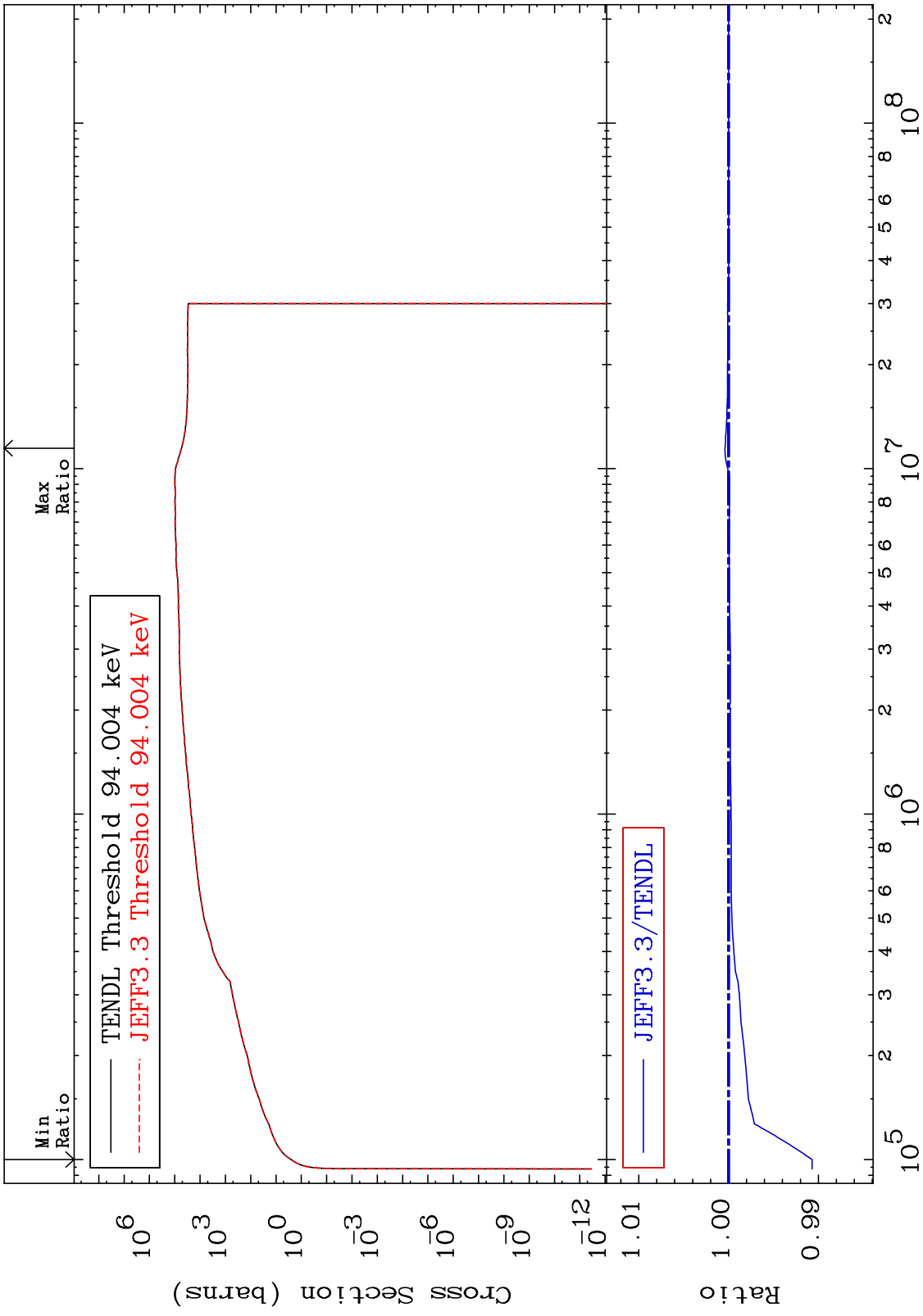
Dpa total (eV-barns)
Cross Section

47-Ag-107
-99.84 To 9999. %





MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107
Cross Section -0.930 To 0.042 %

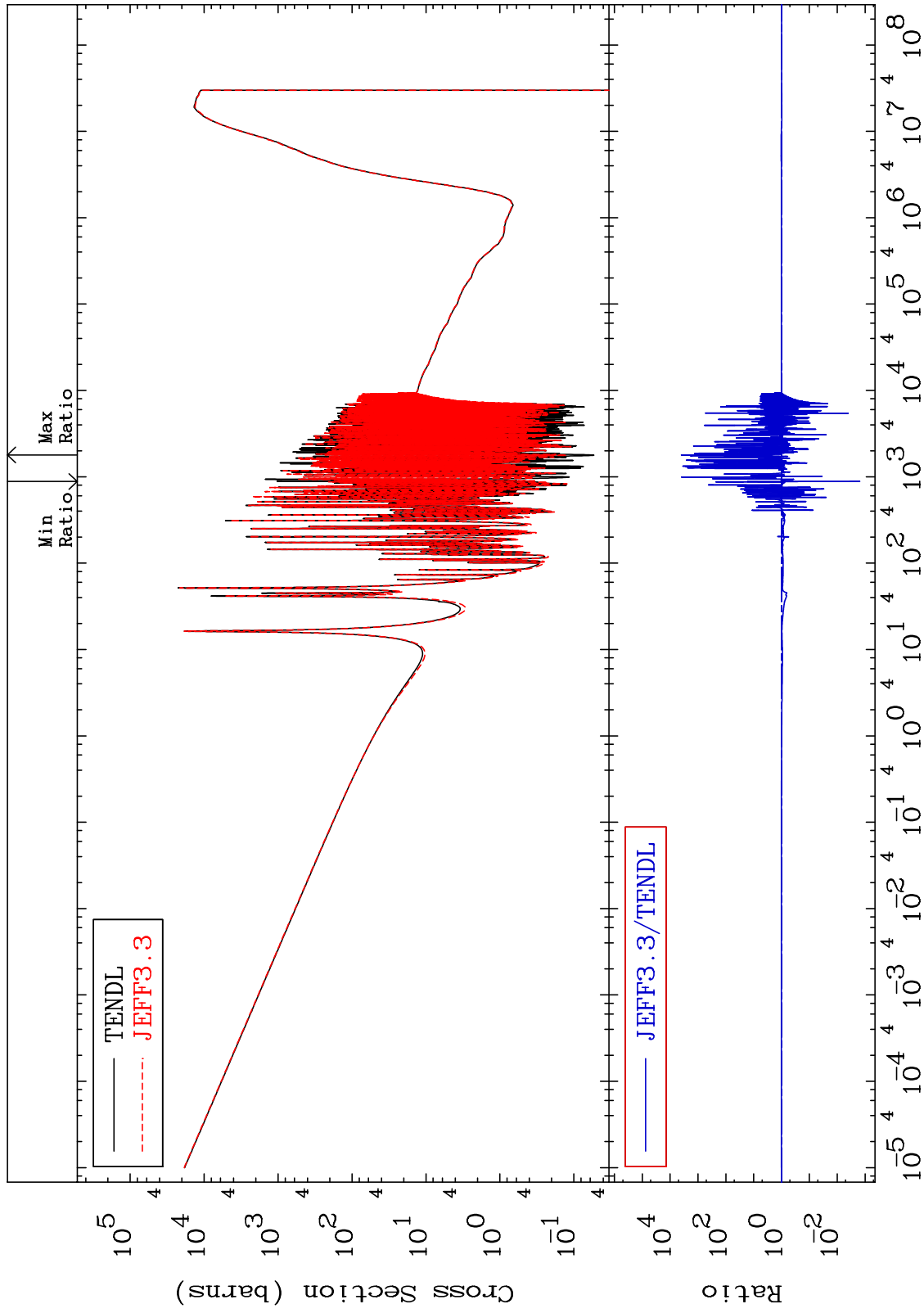


78 Incident Energy (eV) 47-Ag-107

MAT 4725

Dpa disappearance (mt102 -120)
Cross Section

47-Ag-107
-99.84 To 9999. %

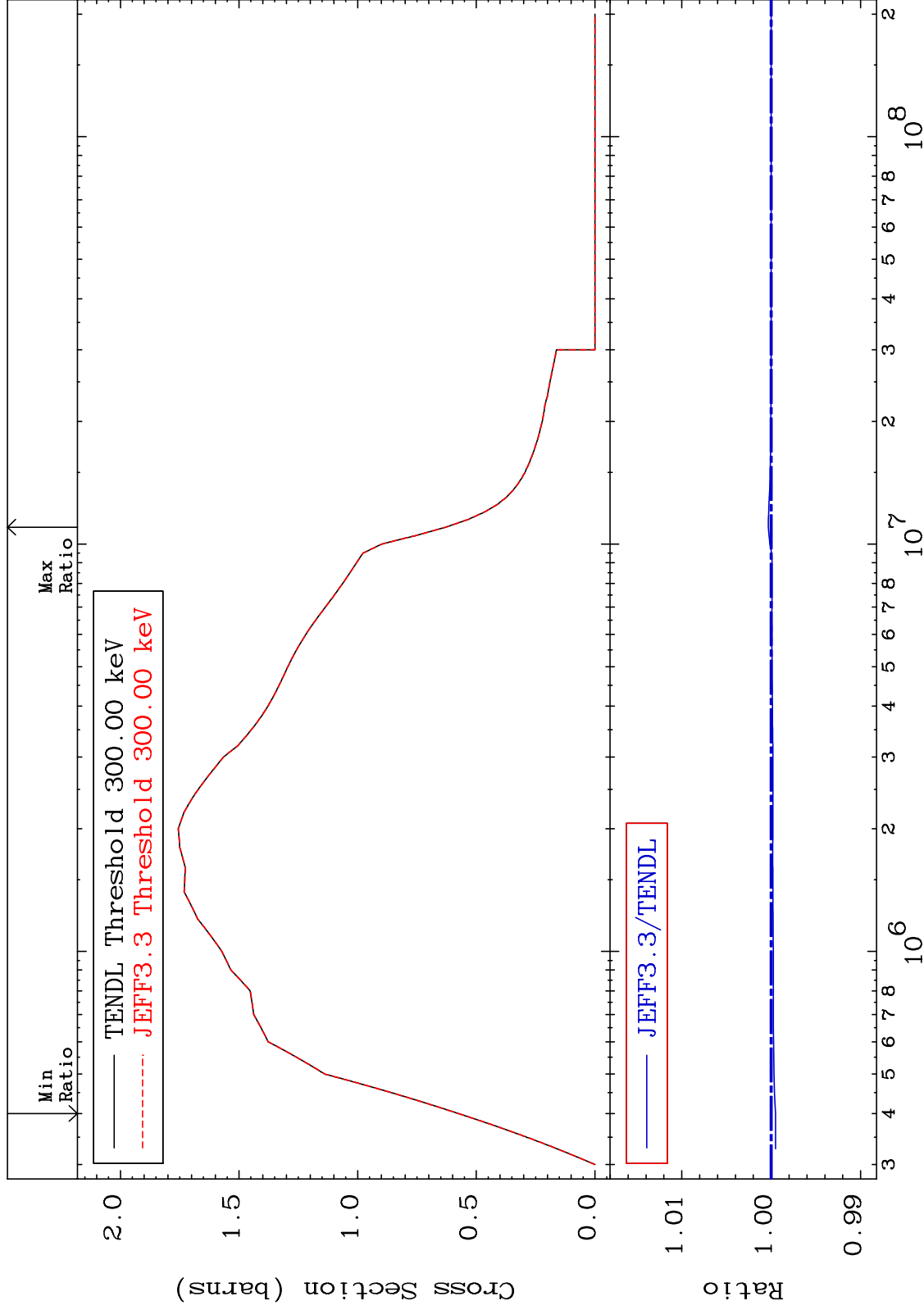


MAT 4725

47-Ag-107

Inelastic: 47-Ag-107g

Radionuclide Production Cross Section -0.048 To 0.033 %

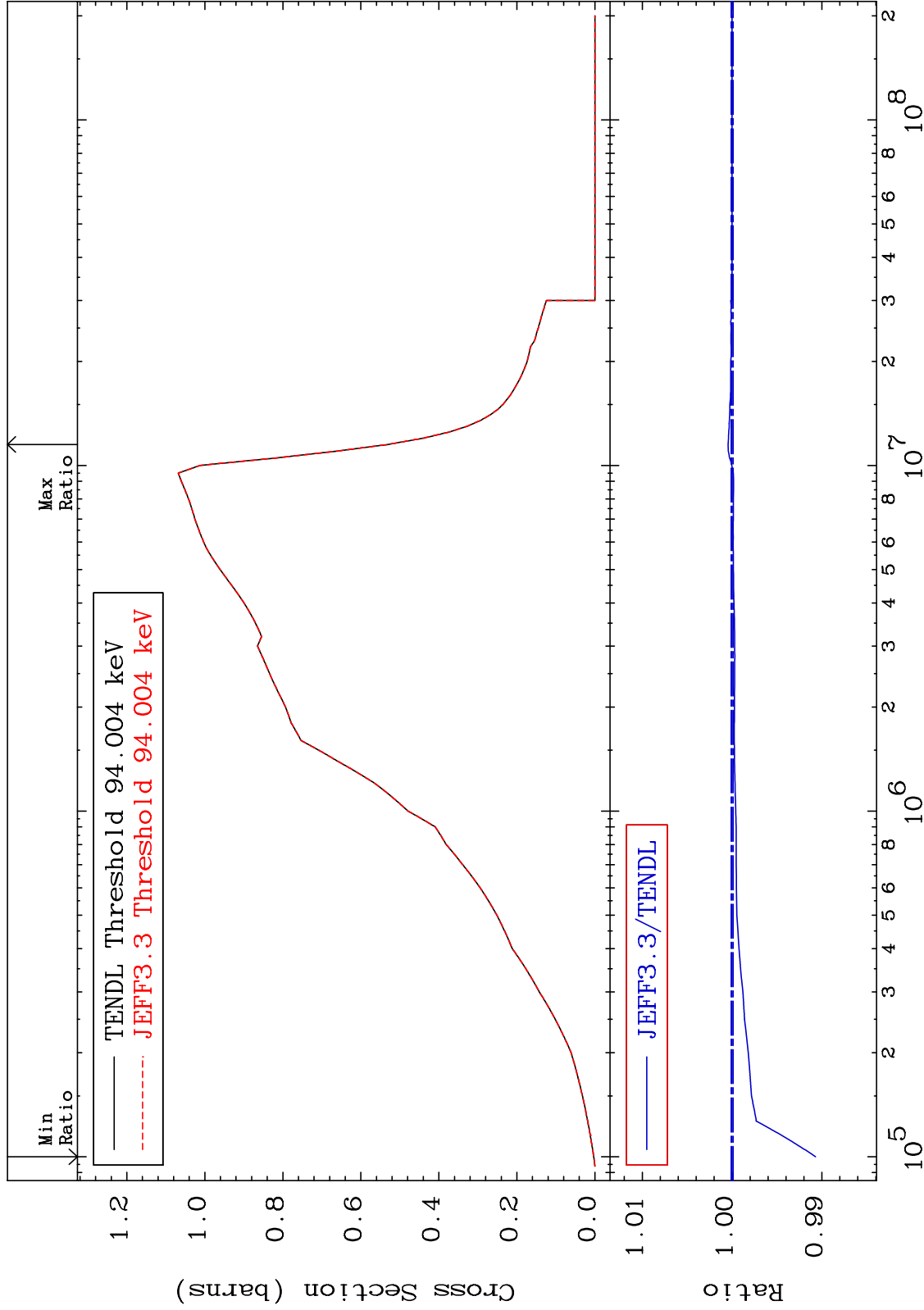


MAT 4725

Inelastic: 47-Ag-107m1

47-Ag-107

Radionuclide Production Cross Section -0.930 To 0.044 %



81

Incident Energy (eV)

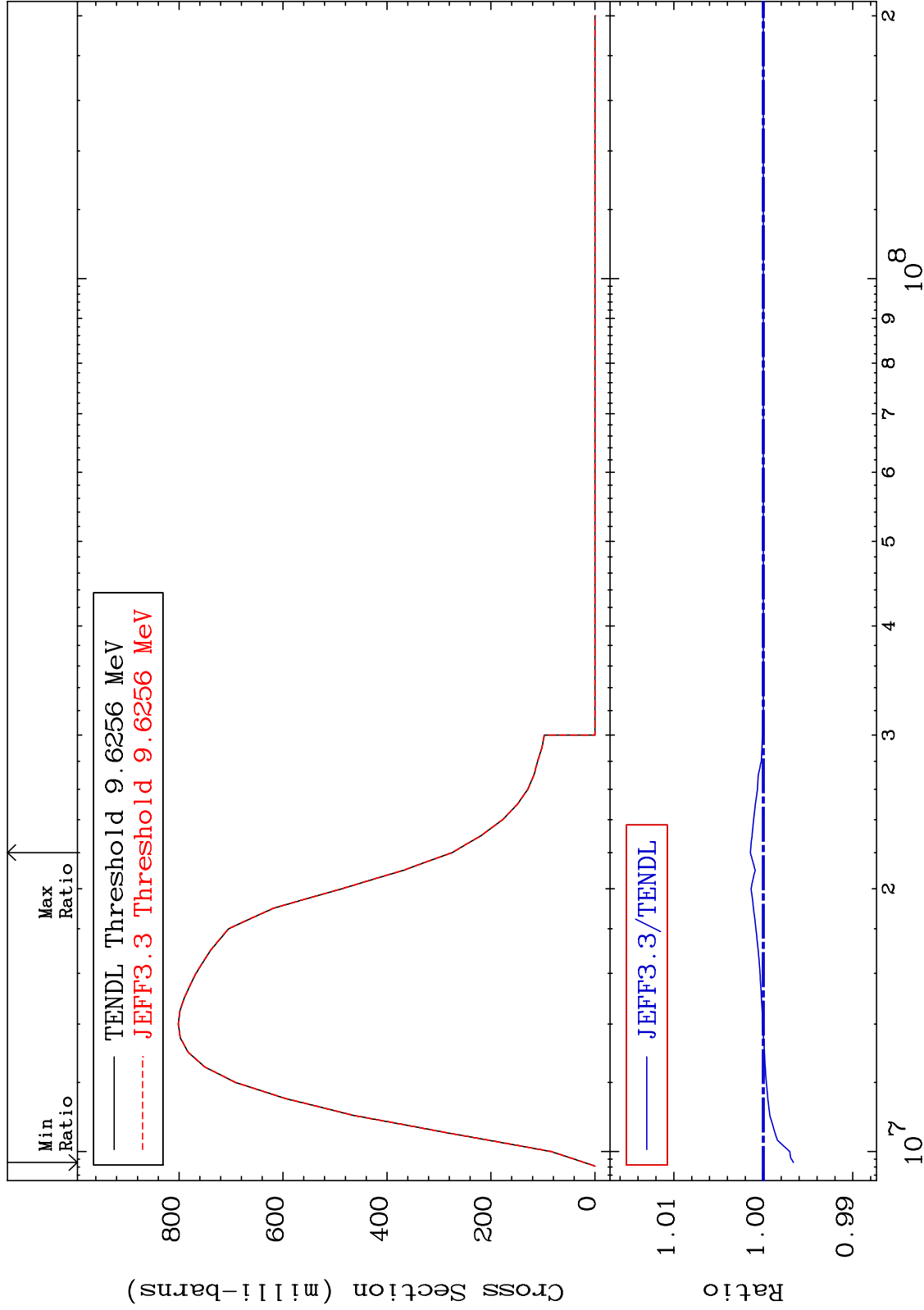
47-Ag-107

MAT 4725

(n,2n):47-Ag-106g

47-Ag-107

Radionuclide Production Cross Section -0.337 To 0.145 %

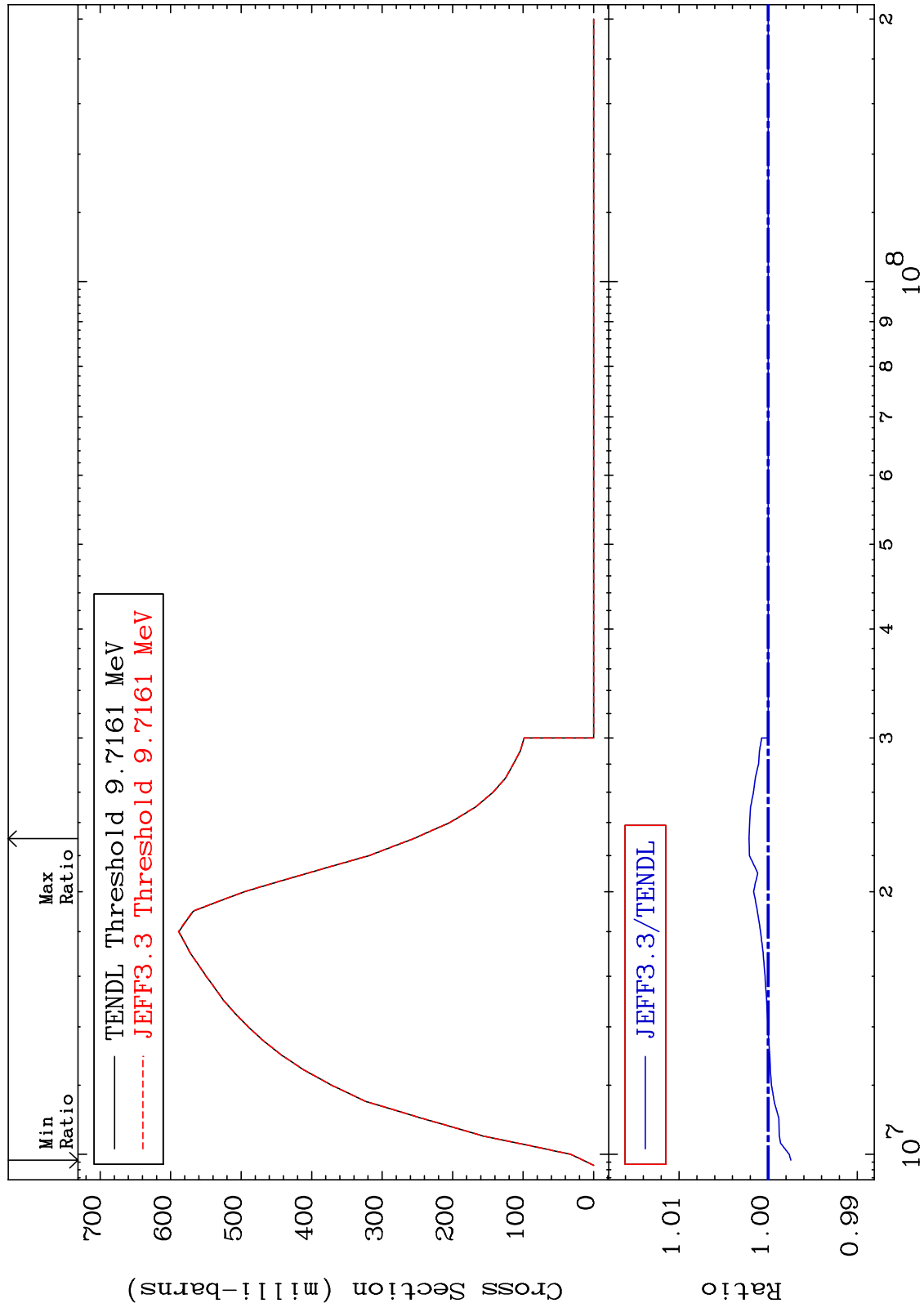


82

Incident Energy (eV)

47-Ag-107

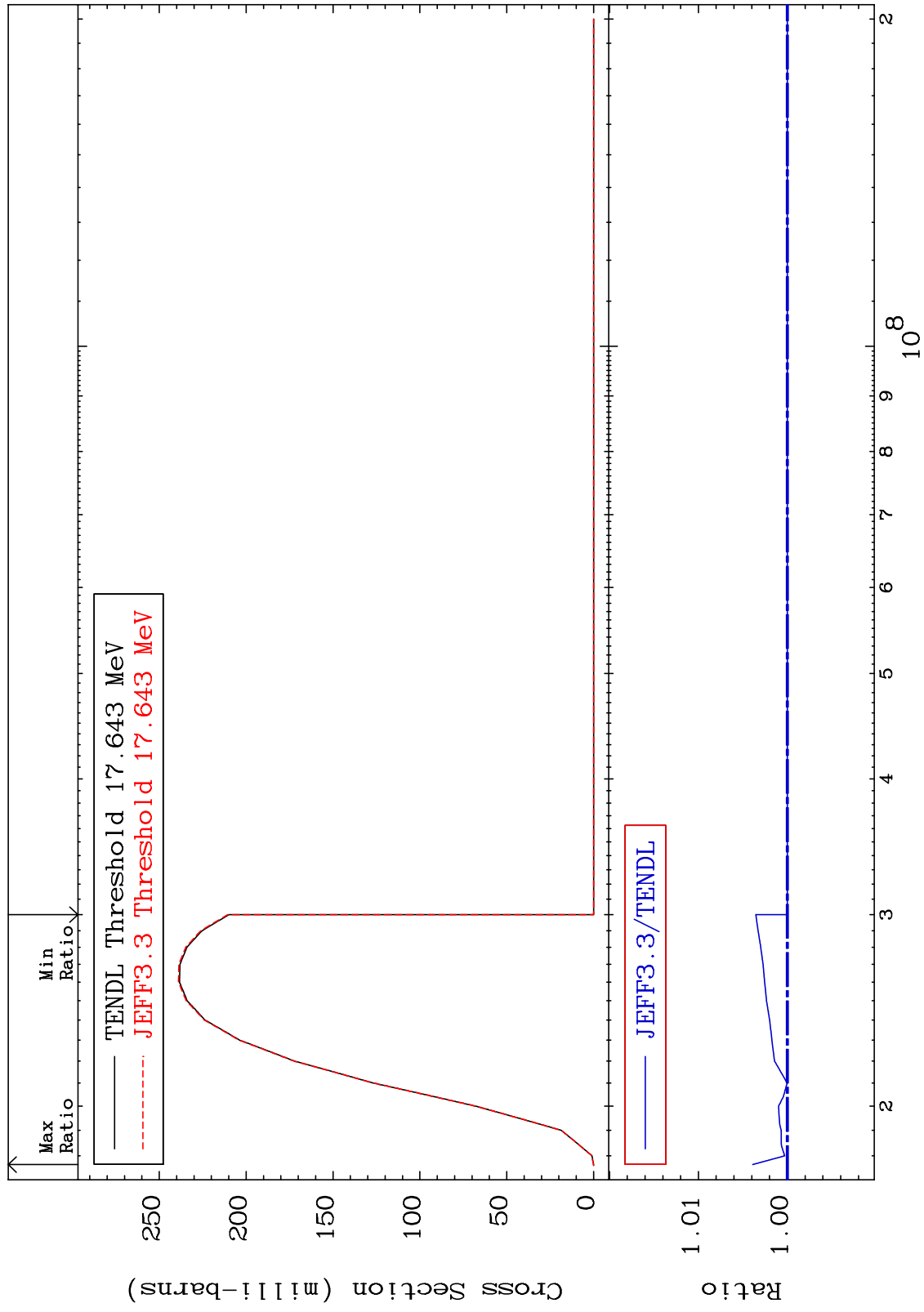
MAT 4725 (n,2n) : 47-Ag-106m1 47-Ag-107
 Radionuclide Production Cross Section -0.255 To 0.215 %



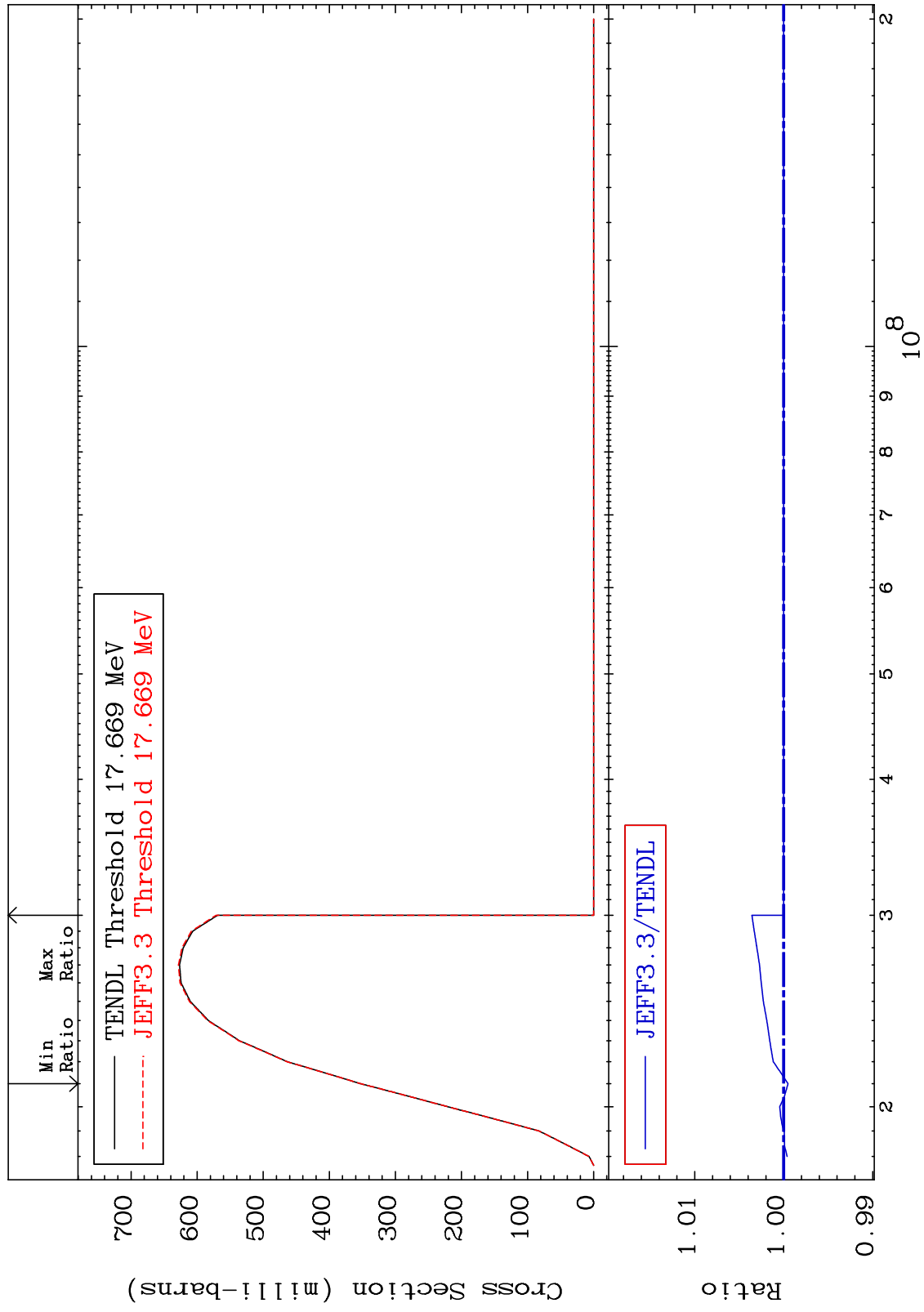
47-Ag-107

83

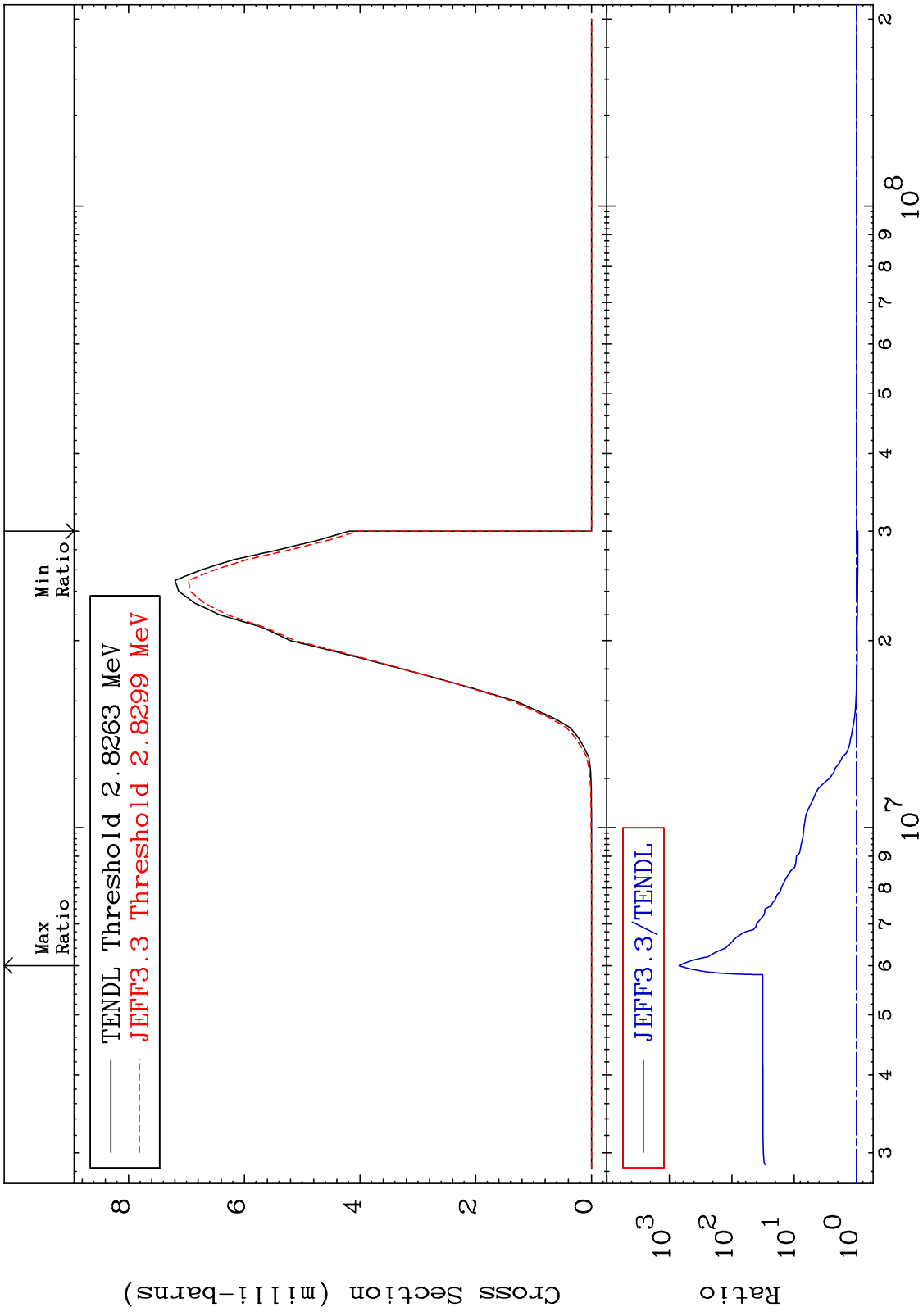
MAT 4725 (n,3n):47-Ag-105g 47-Ag-107
Radionuclide Production Cross Section 0.000 To 0.391 %



MAT 4725 (n,3n) : 47-Ag-105m1 47-Ag-107
Radionuclide Production Cross Section -0.049 To 0.358 %



MAT 4725 (n, n') α : 45-Rh-103g 47-Ag-107
 Radionuclide Production Cross Section -3.797 To 9999. %

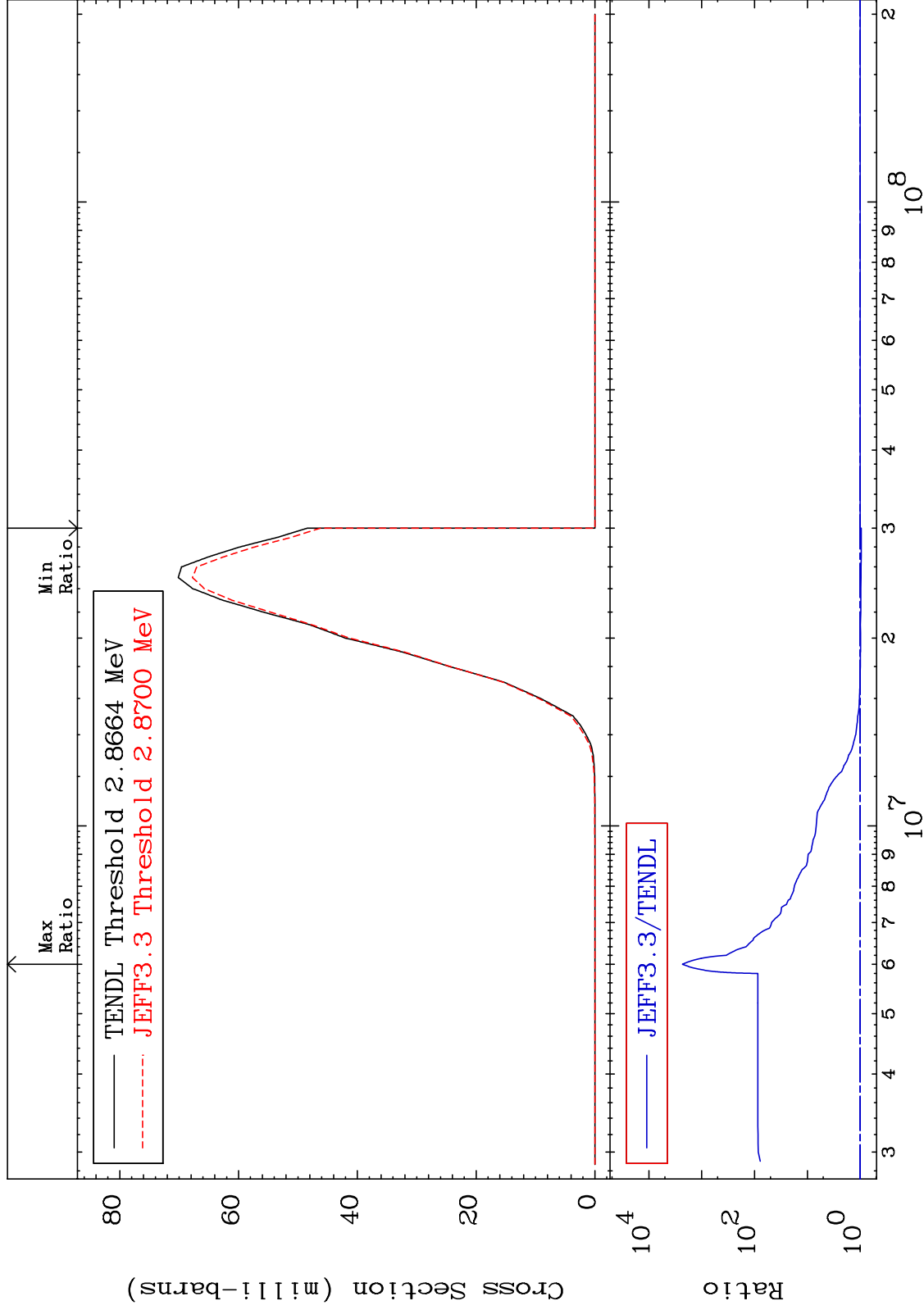


MAT 4725

(n, n') α : 45-Rh-103m1

47-Ag-107

Radionuclide Production Cross Section -4.544 To 9999. %

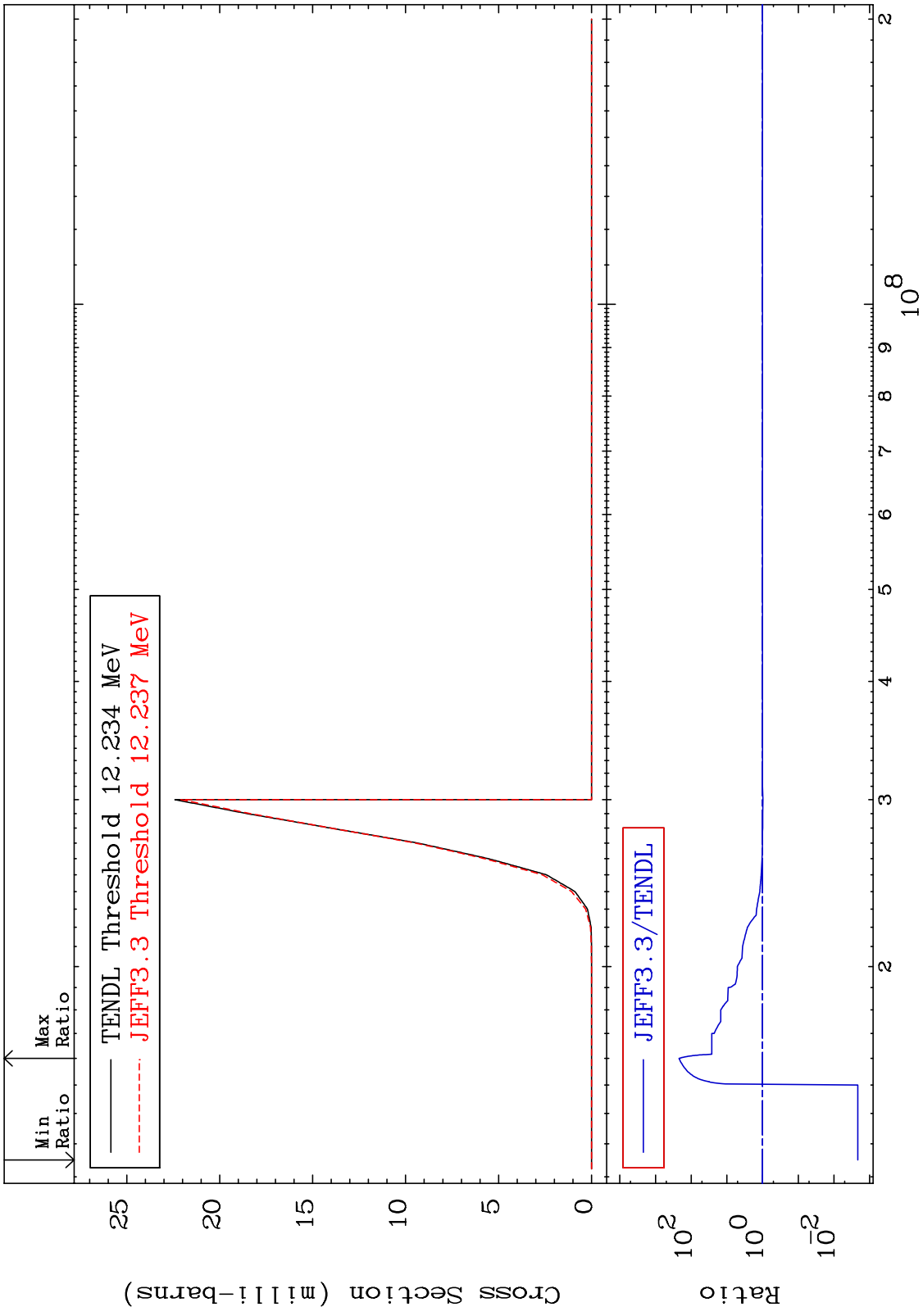


87

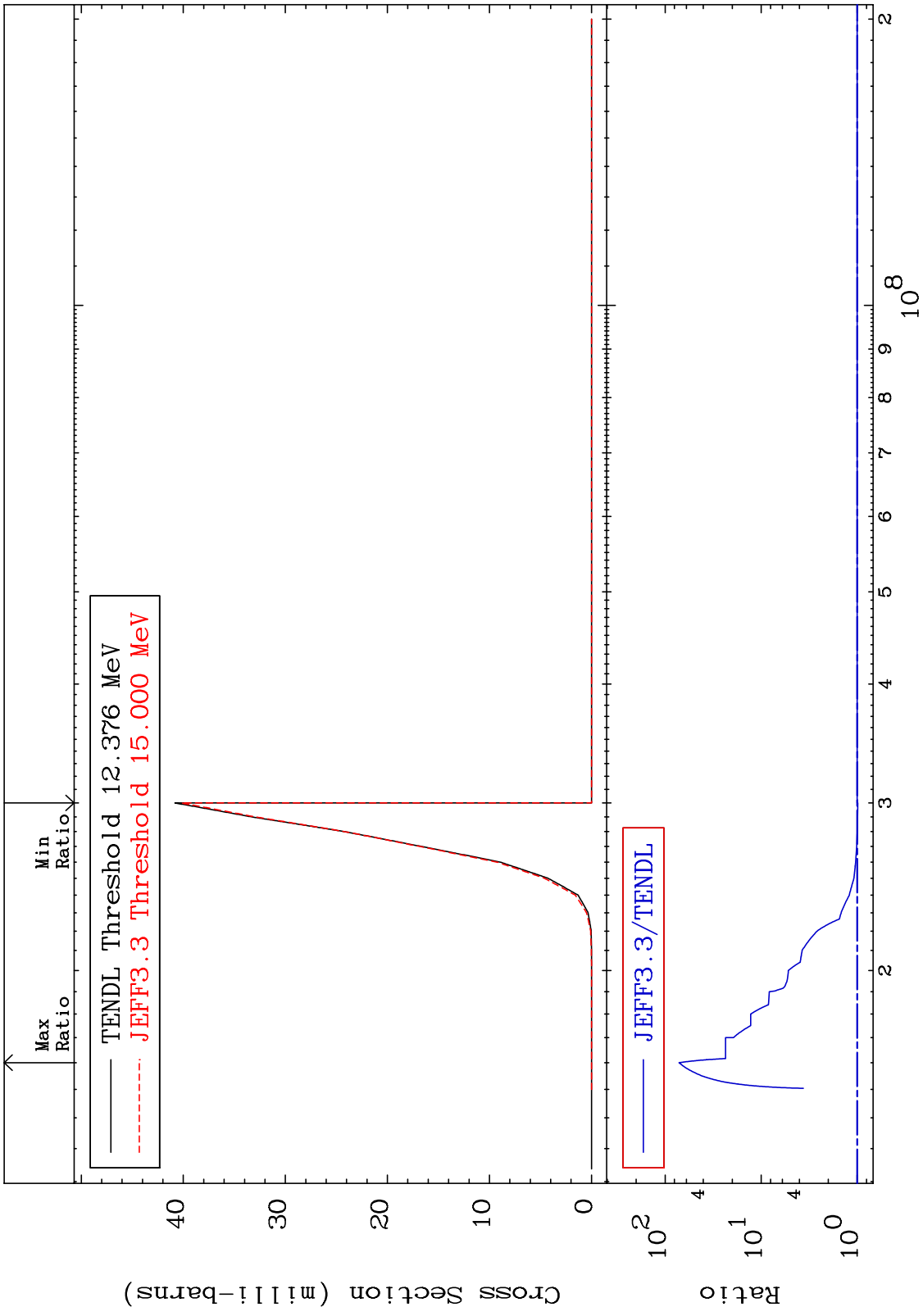
Incident Energy (eV)

47-Ag-107

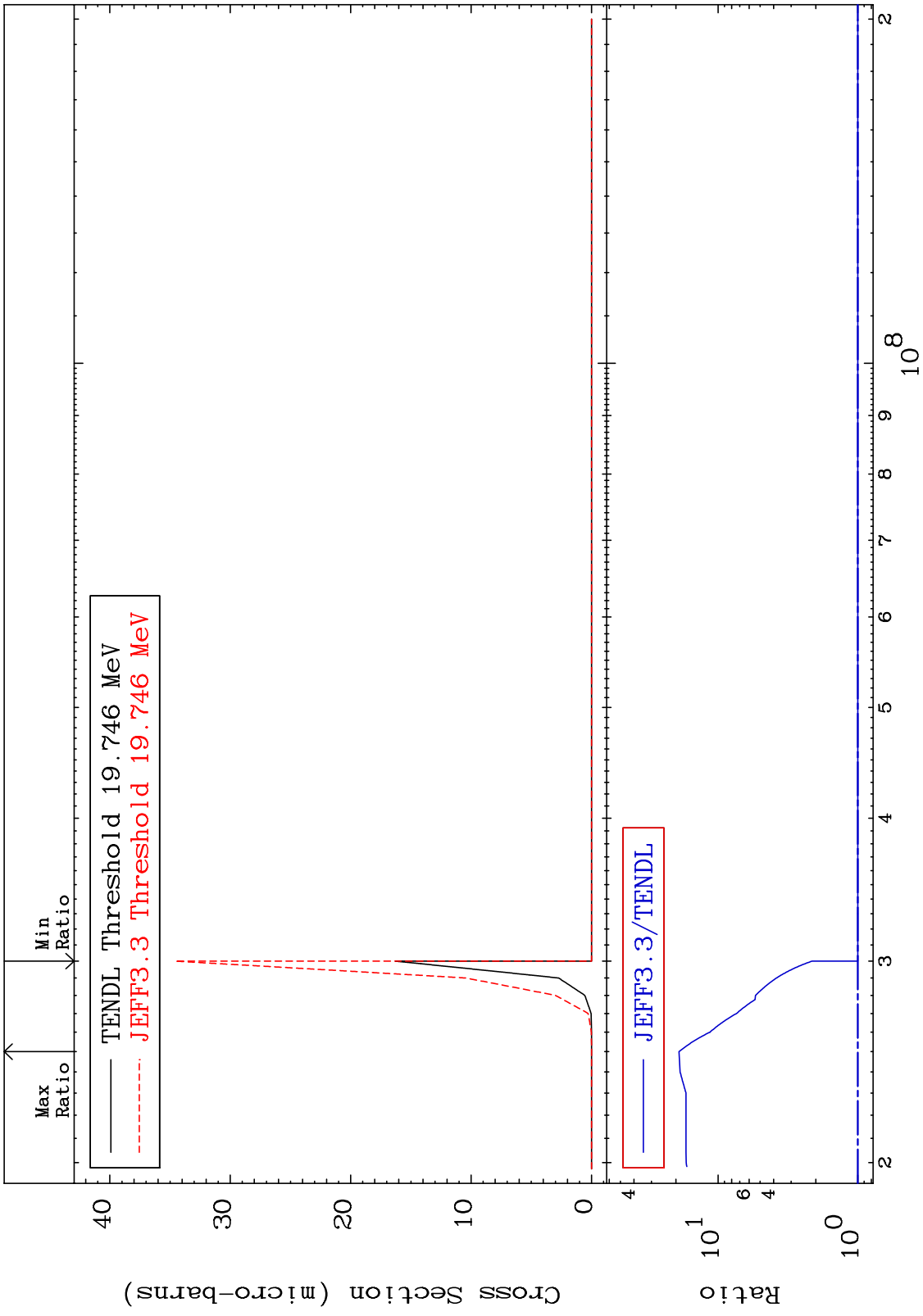
MAT 4725 (n,2n) α : 45-Rh-102g 47-Ag-107
 Radionuclide Production Cross Section -99.79 To 9999. %



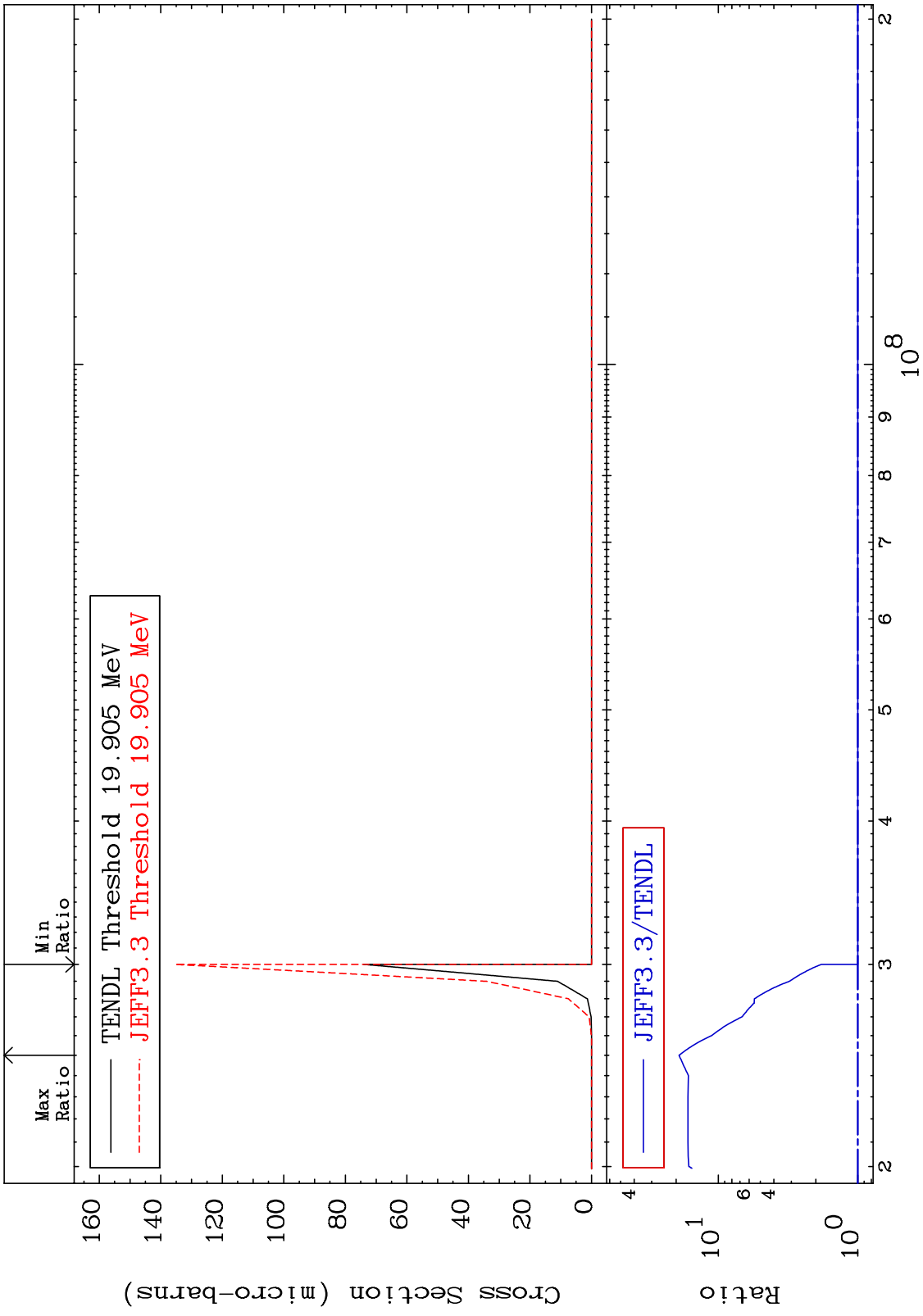
MAT 4725 (n,2n) α : 45-Rh-102m5 47-Ag-107
 Radionuclide Production Cross Section -1.498 To 7063. %



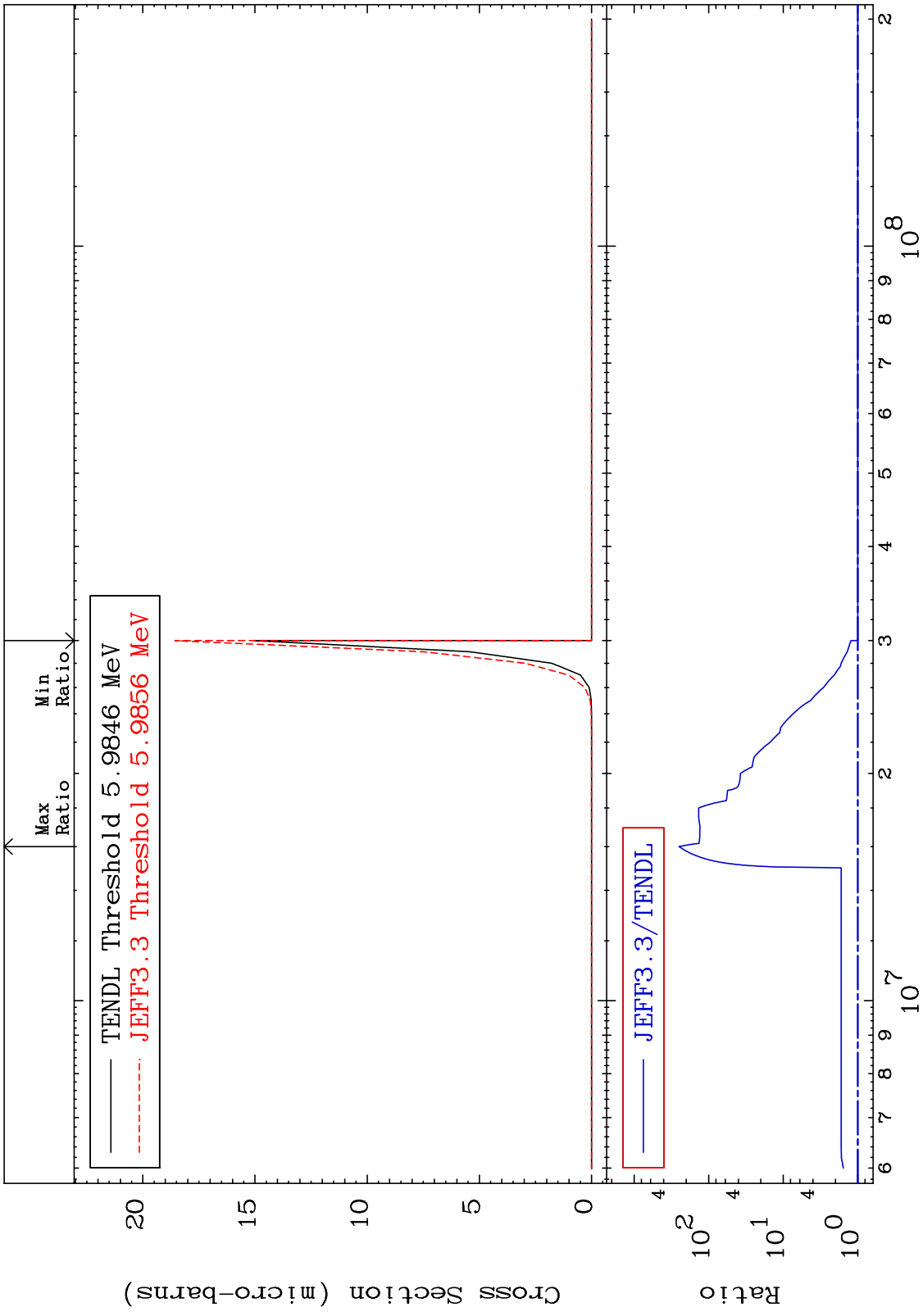
MAT 4725 (n,3n) α : 45-Rh-101g 47-Ag-107
 Radionuclide Production Cross Section 0.000 To 1802. %



MAT 4725 (n,3n) α : 45-Rh-101m1 47-Ag-107
 Radionuclide Production Cross Section 0.000 To 1810. %



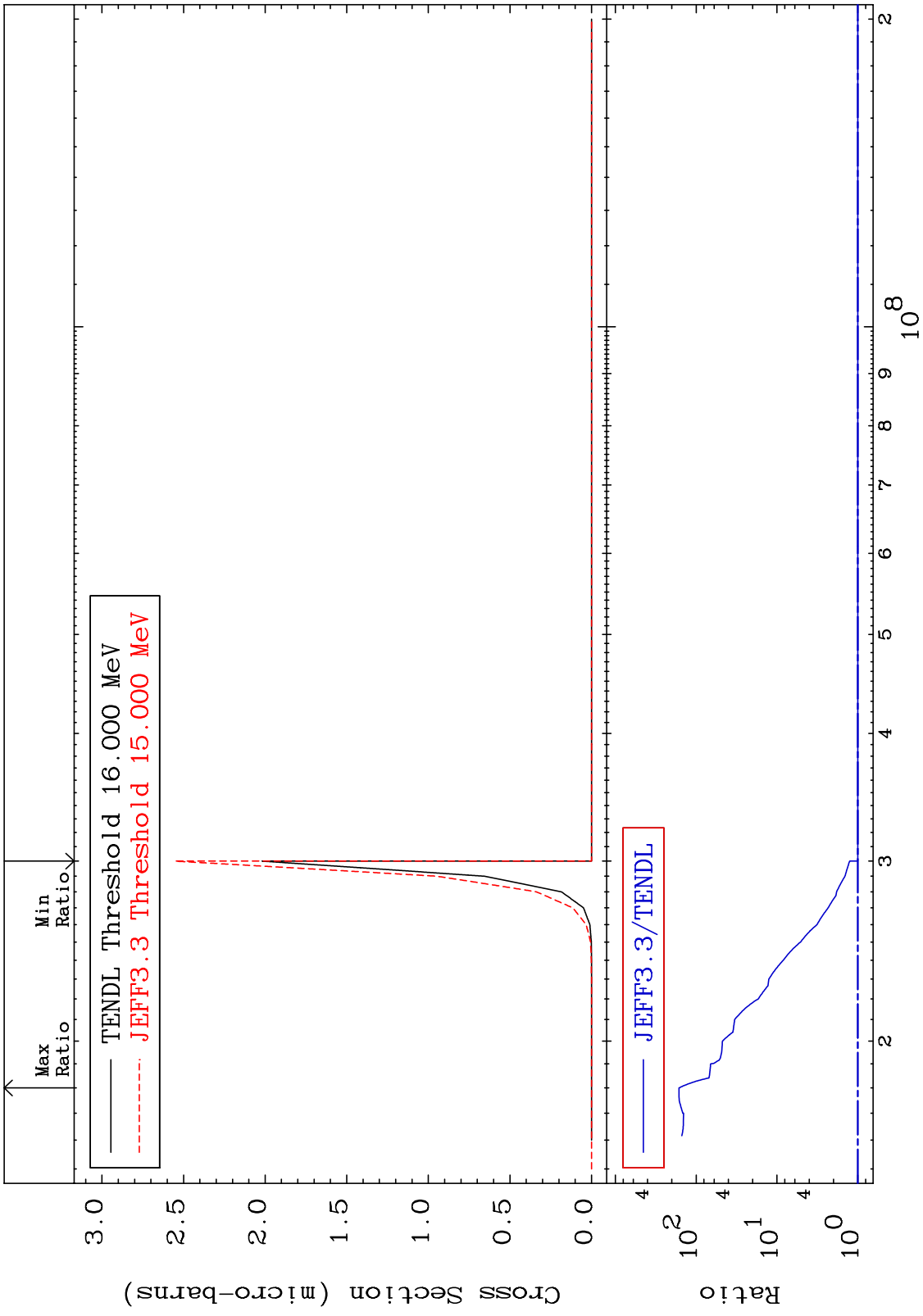
MAT 4725 (n, n') 2α:43-Tc-99g 47-Ag-107
 Radionuclide Production Cross Section 0.000 To 9999. %



47-Ag-107

Incident Energy (eV)

MAT 4725 (n,n') 2α:43-Tc-99m2 47-Ag-107
 Radionuclide Production Cross Section 0.000 To 9999. %

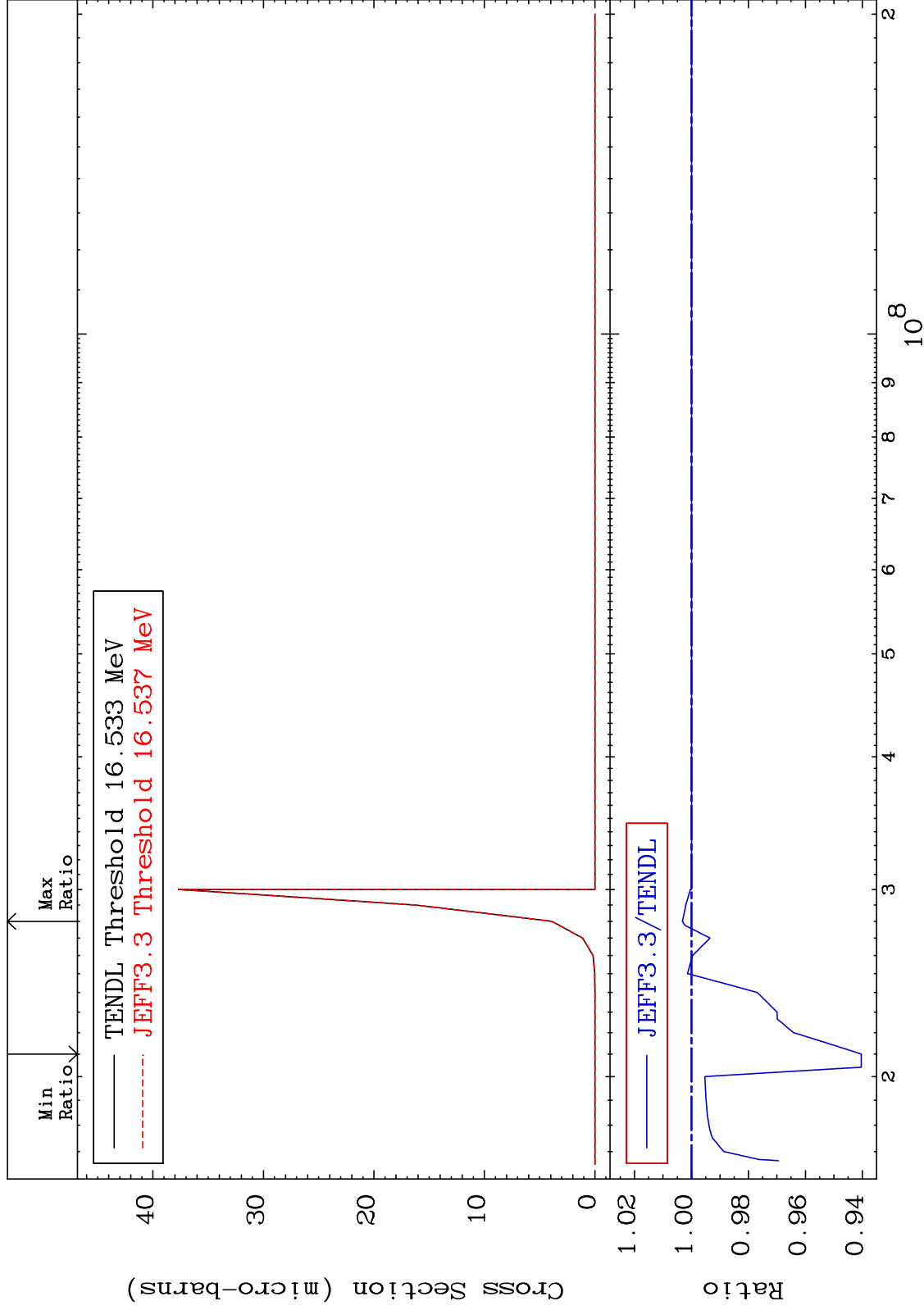


MAT 4725

(n, n') He-3:45-Rh-104g

47-Ag-107

Radionuclide Production Cross Section -5.963 To 0.317 %

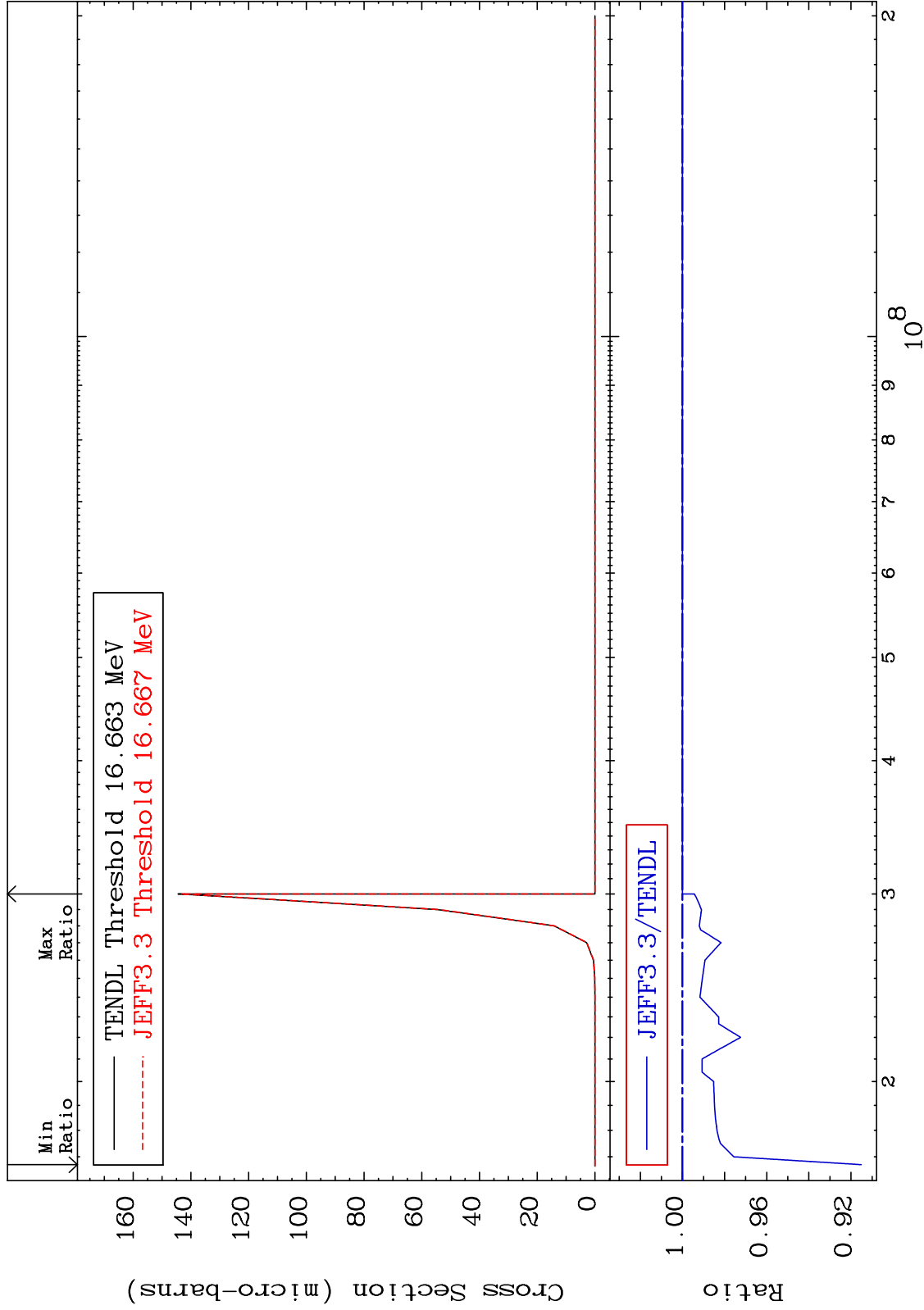


MAT 4725

(n, n') He-3:45-Rh-104m3

47-Ag-107

Radionuclide Production Cross Section -8.488 To 0.000 %



95

Incident Energy (eV)

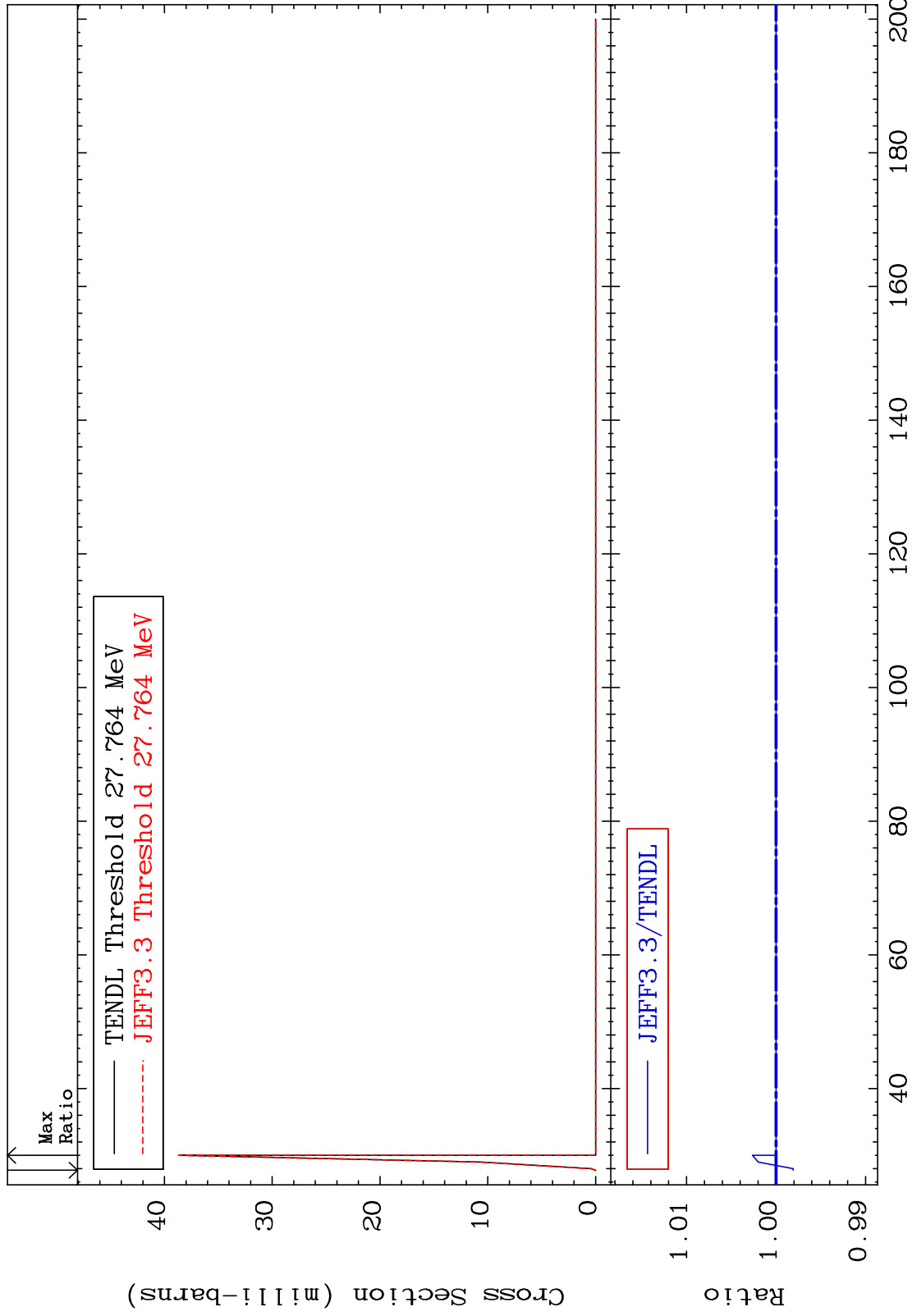
47-Ag-107

MAT 4725

(n, 4n) : 47-Ag-104g

47-Ag-107

Radionuclide Production Cross Section -0.192 To 0.263 %



96

Incident Energy (MeV)

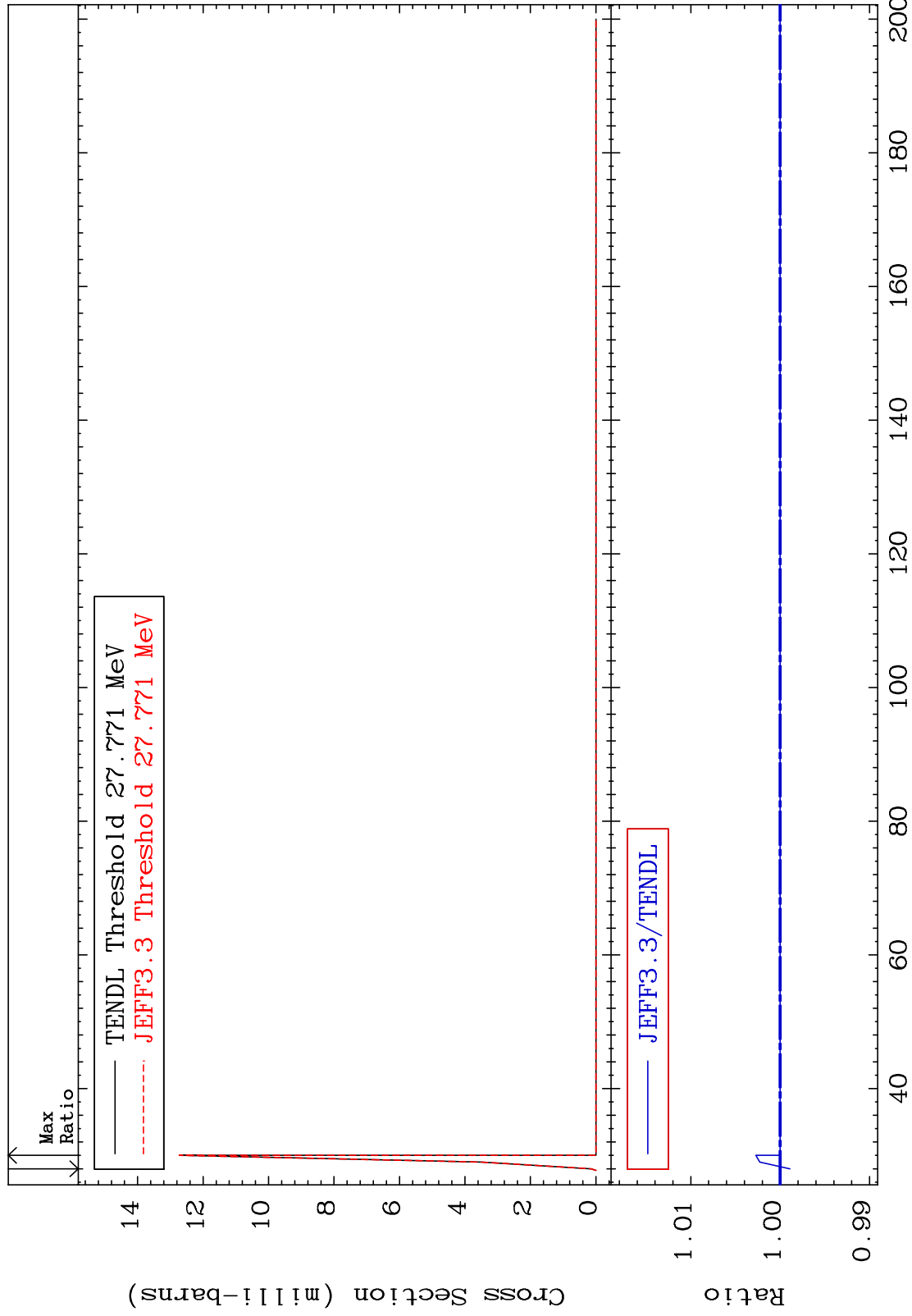
47-Ag-107

MAT 4725

(n, 4n) : 47-Ag-104m1

47-Ag-107

Radionuclide Production Cross Section -0.110 To 0.272 %



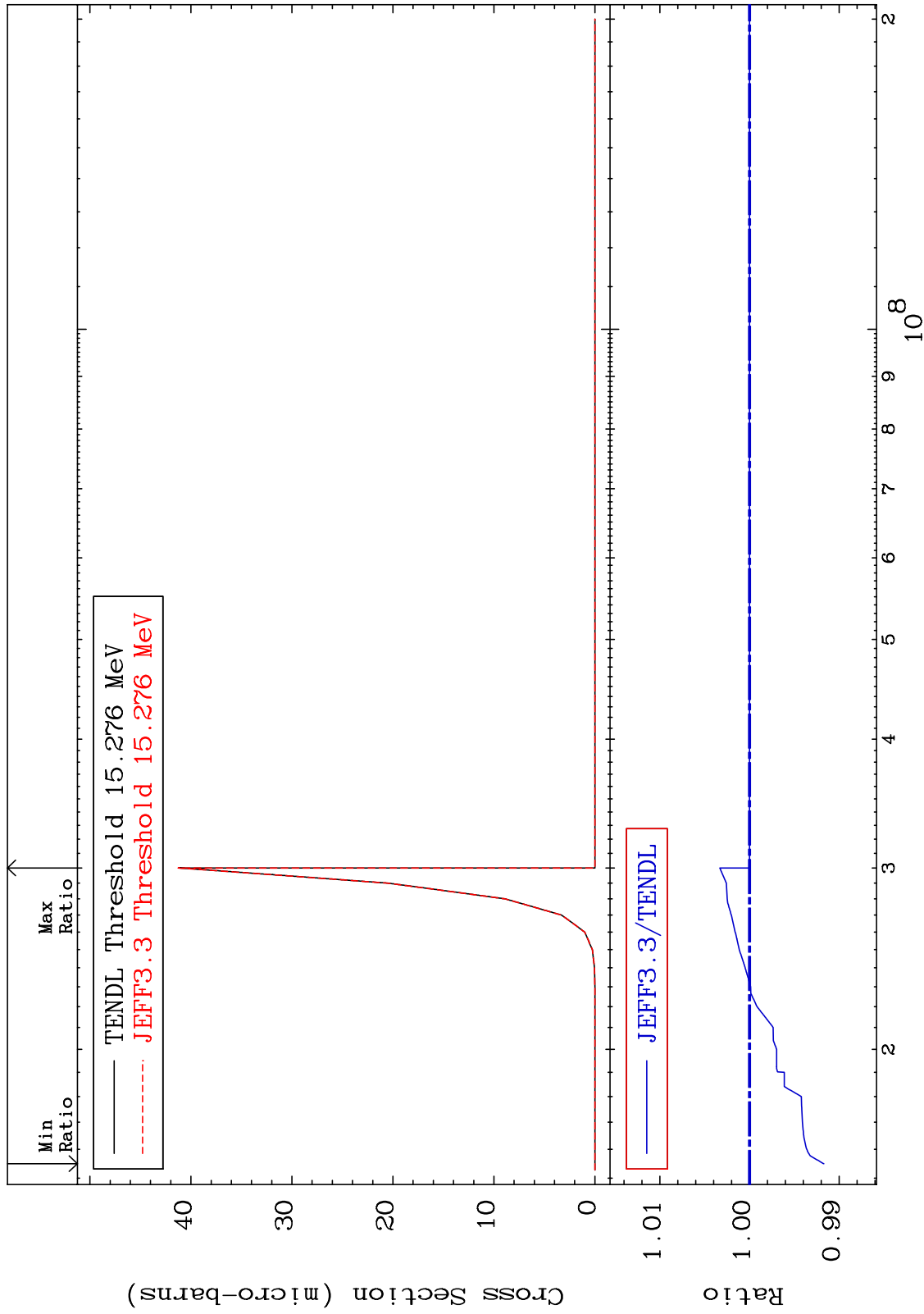
97

Incident Energy (MeV)

47-Ag-107

MAT 4725

(n,2n) p:45-Rh-105g 47-Ag-107
Radionuclide Production Cross Section -0.830 To 0.331 %

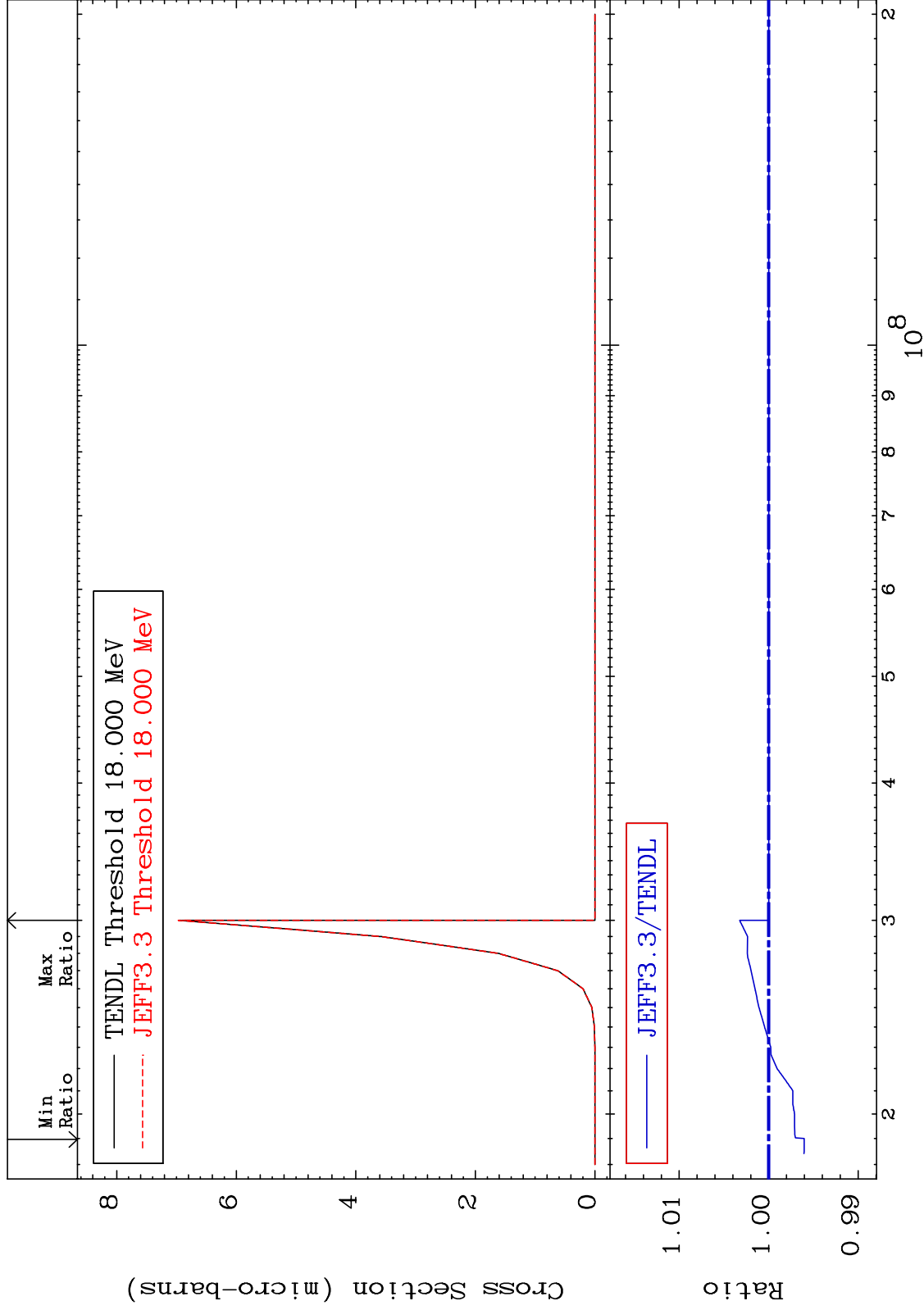


MAT 4725

(n,2n) p:45-Rh-105m1

47-Ag-107

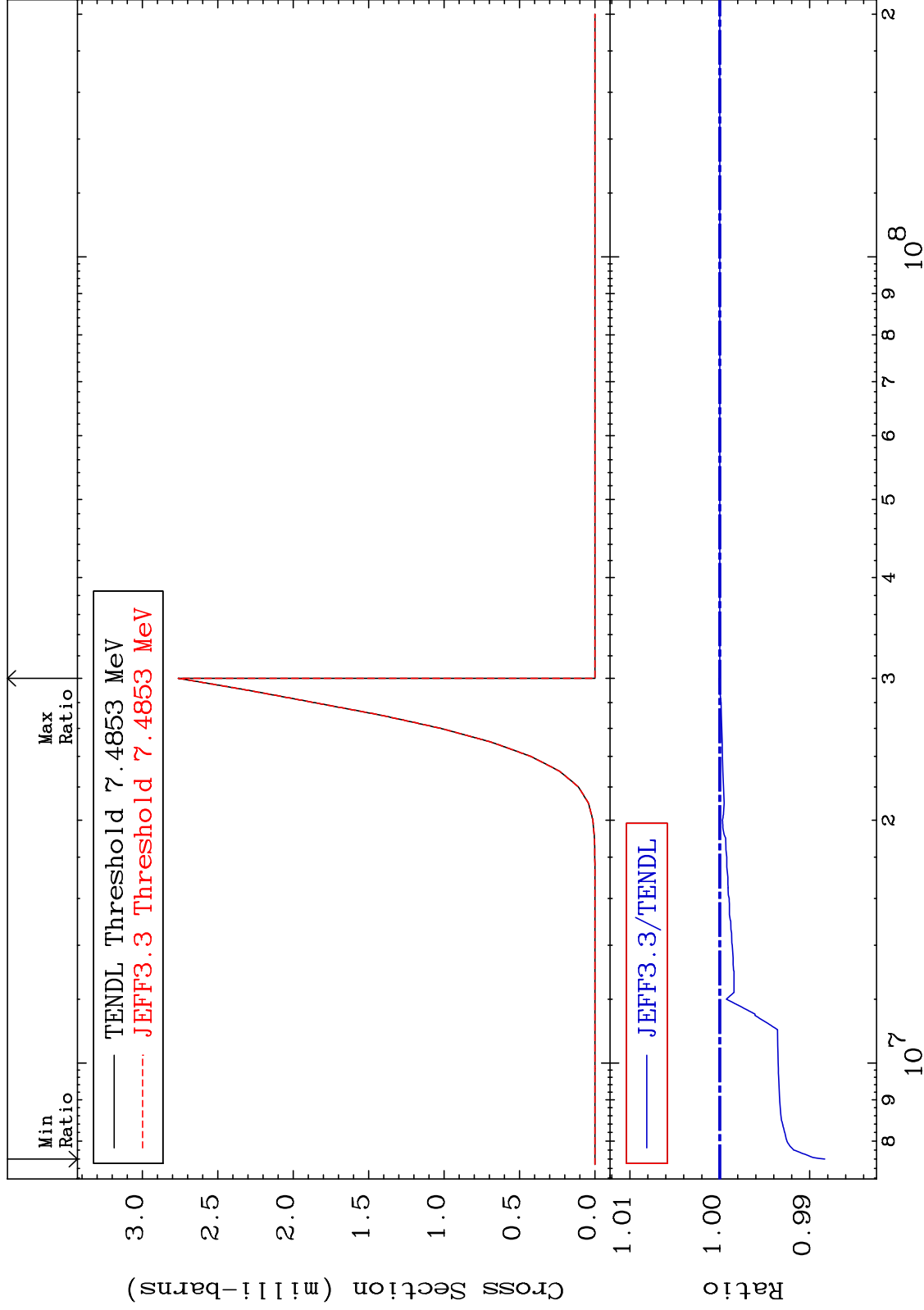
Radionuclide Production Cross Section -0.396 To 0.324 %



MAT 4725

47-Ag-107

(n, He-3) : 45-Rh-105g
Radionuclide Production Cross Section -1.166 To 0.008 %



100

Incident Energy (eV)

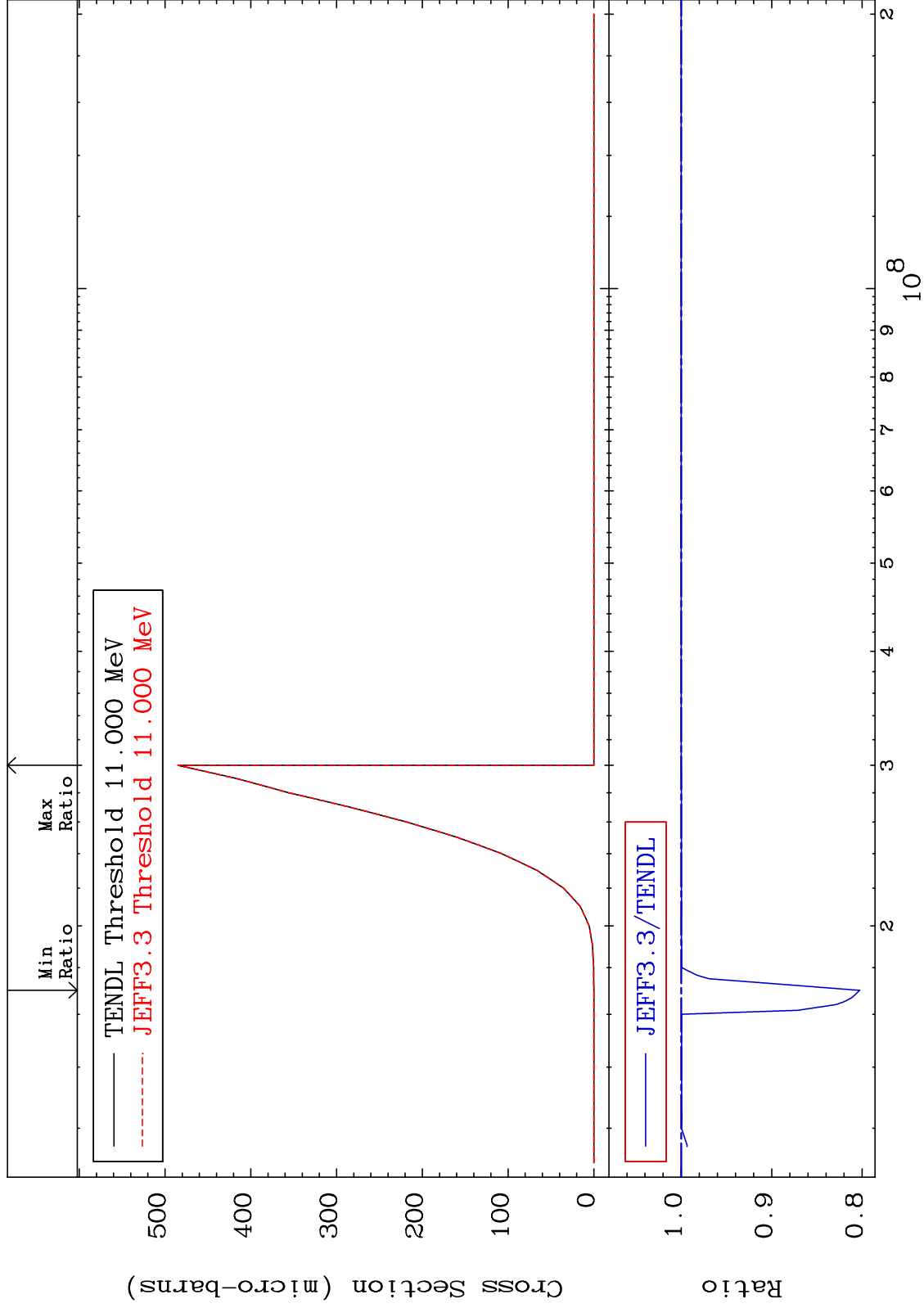
47-Ag-107

MAT 4725

(n, He-3) : 45-Rh-105m1

47-Ag-107

Radionuclide Production Cross Section -19.73 To 0.000 %



101

Incident Energy (eV)

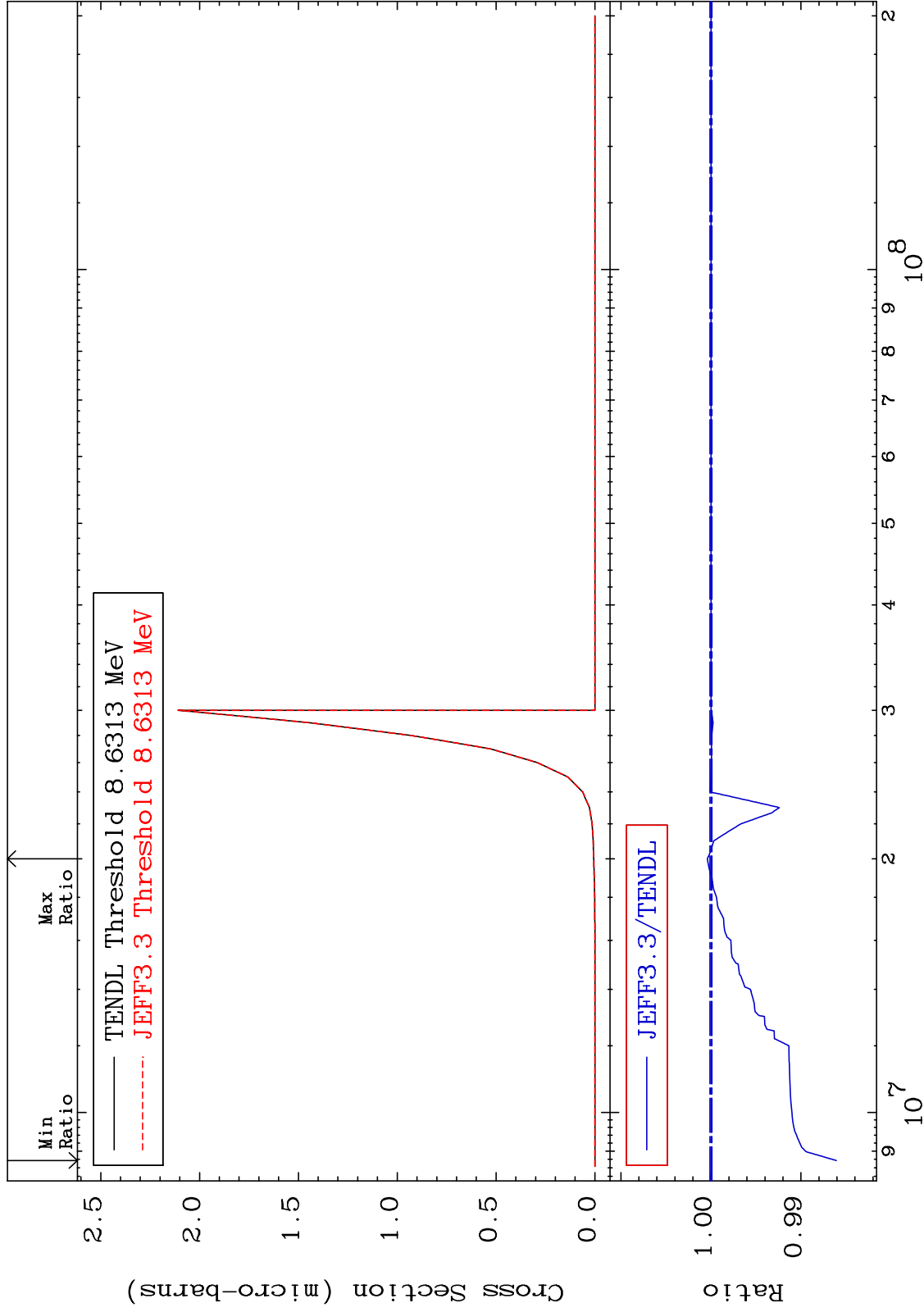
47-Ag-107

MAT 4725

(n,2p) : 45-Rh-106g

47-Ag-107

Radionuclide Production Cross Section -1.393 To 0.039 %

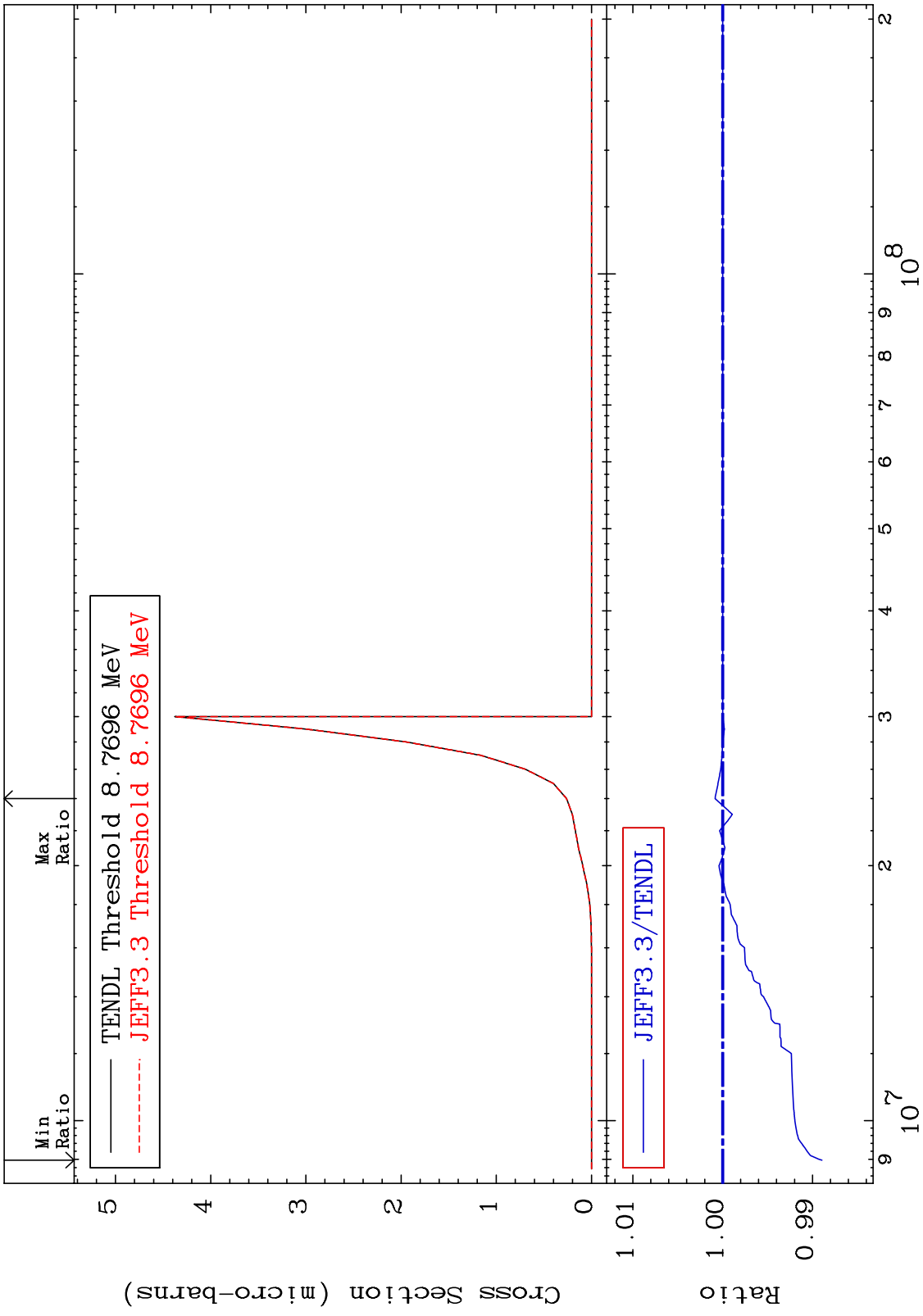


102

Incident Energy (eV)

47-Ag-107

MAT 4725 (n,2p) : 45-Rh-106m1 47-Ag-107
 Radionuclide Production Cross Section -1.105 To 0.085 %



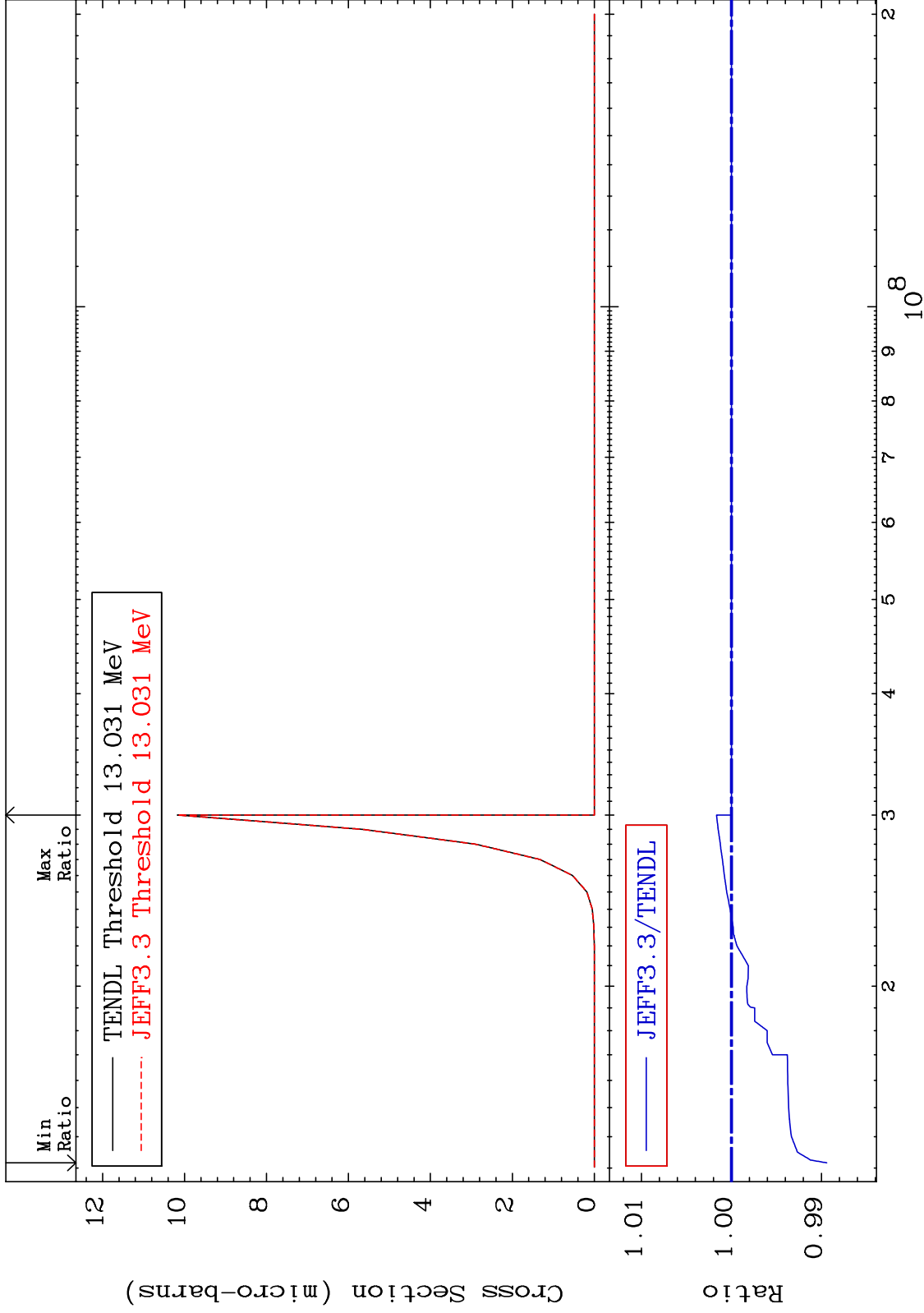
103 Incident Energy (eV) 47-Ag-107

MAT 4725

(n, p) d: 45-Rh-105g

47-Ag-107

Radionuclide Production Cross Section -1.060 To 0.166 %

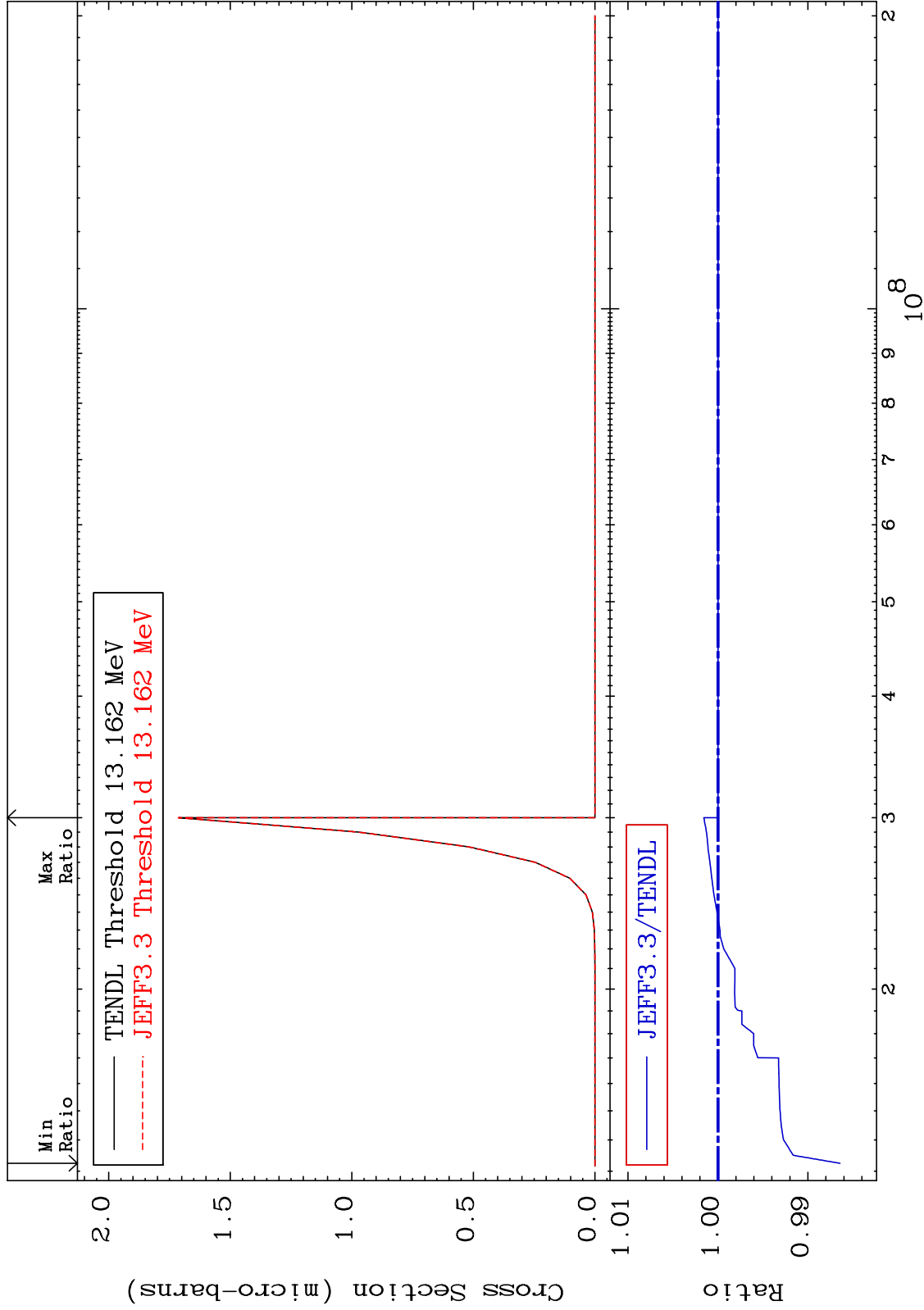


MAT 4725

(n, p) d:45-Rh-105m1

47-Ag-107

Radionuclide Production Cross Section -1.356 To 0.157 %



105

Incident Energy (eV)

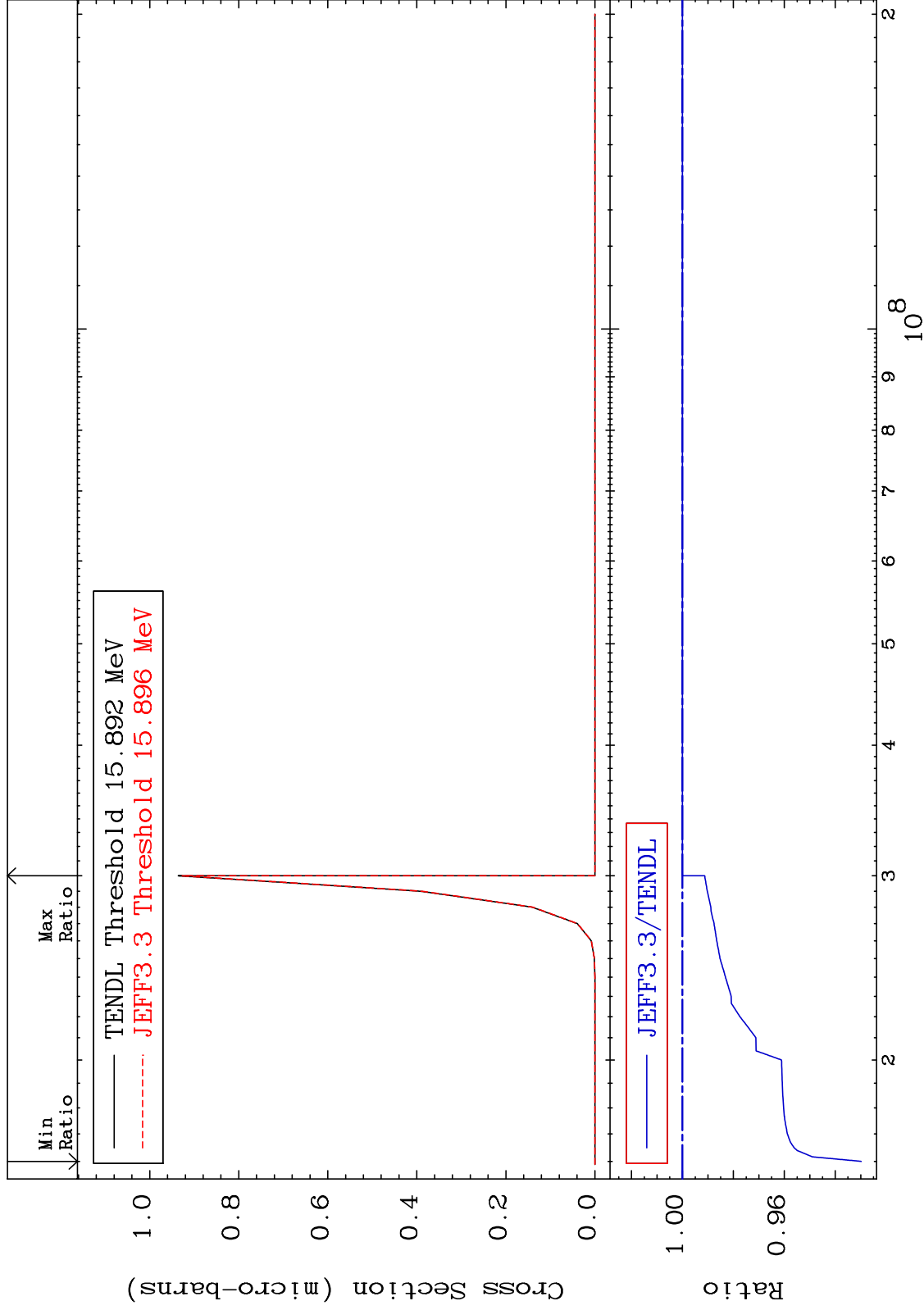
47-Ag-107

MAT 4725

(n,p) t:45-Rh-104m3

47-Ag-107

Radionuclide Production Cross Section -7.021 To 0.000 %



107

Incident Energy (eV)

47-Ag-107