

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

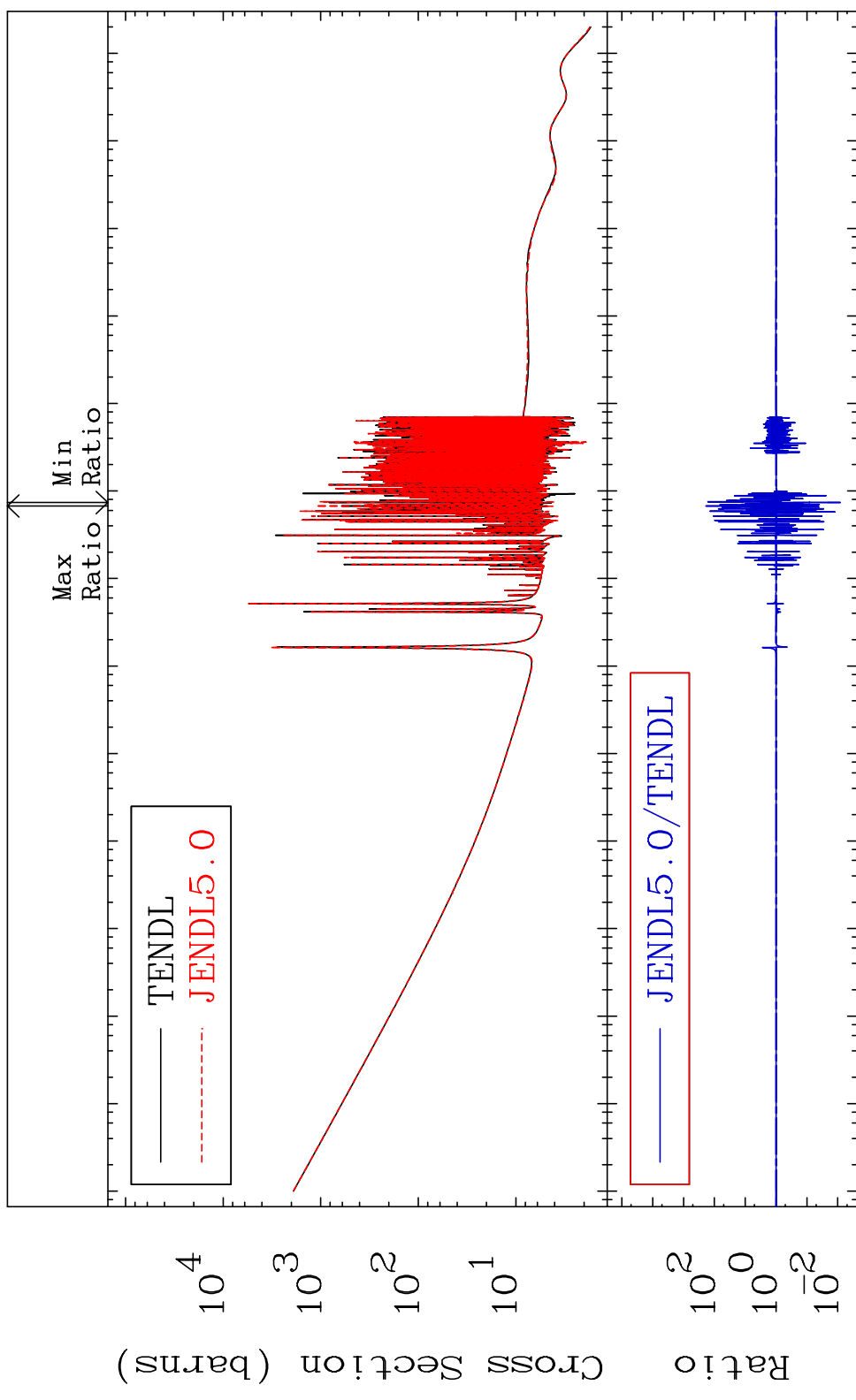
MAT 4725

Total

47-Ag-107

Cross Section

-99.18 To 9999. %



1

Incident Energy (eV)

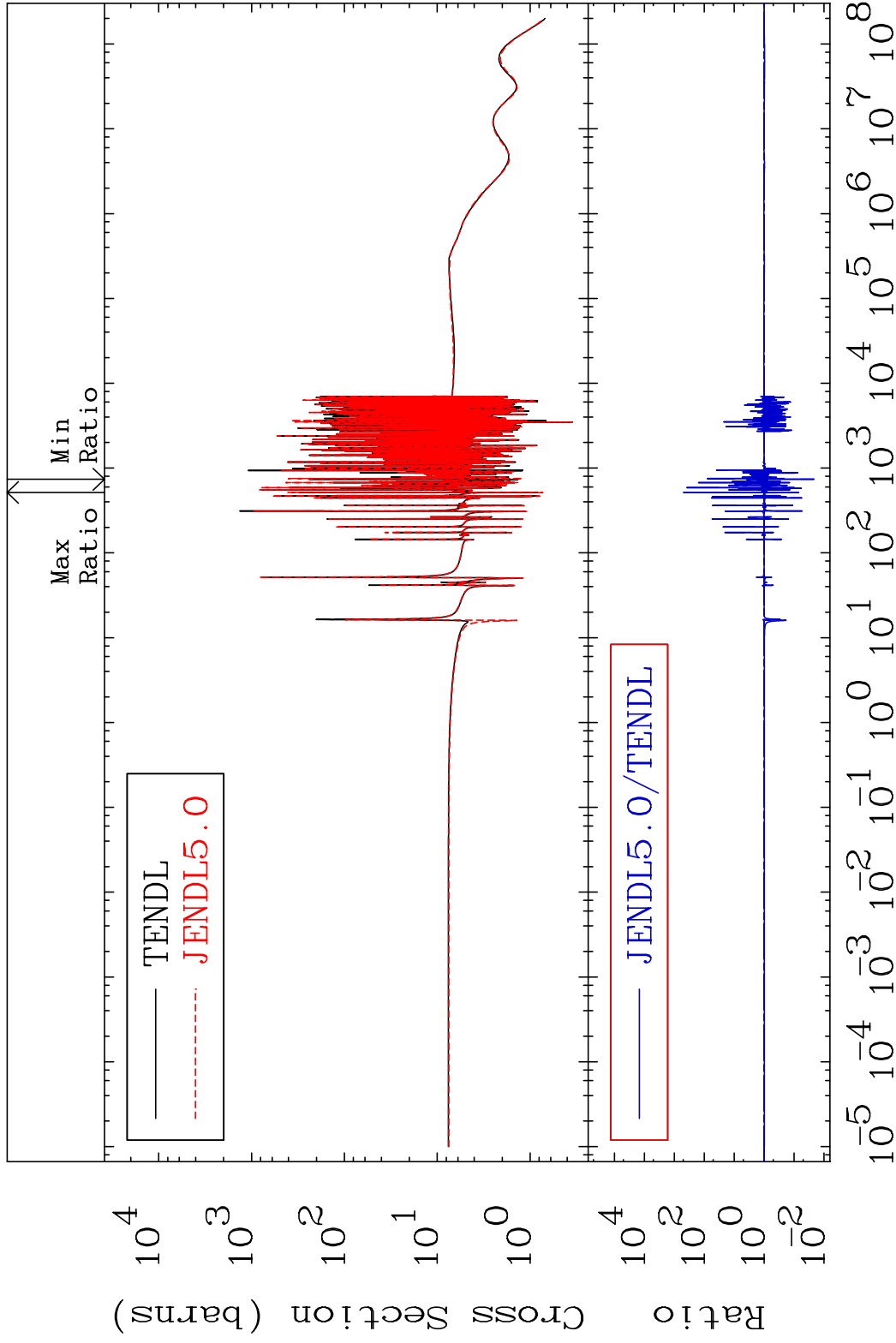
47-Ag-107

MAT 4725

Elastic

47-Ag-107

Cross Section -97.86 To 9999. %

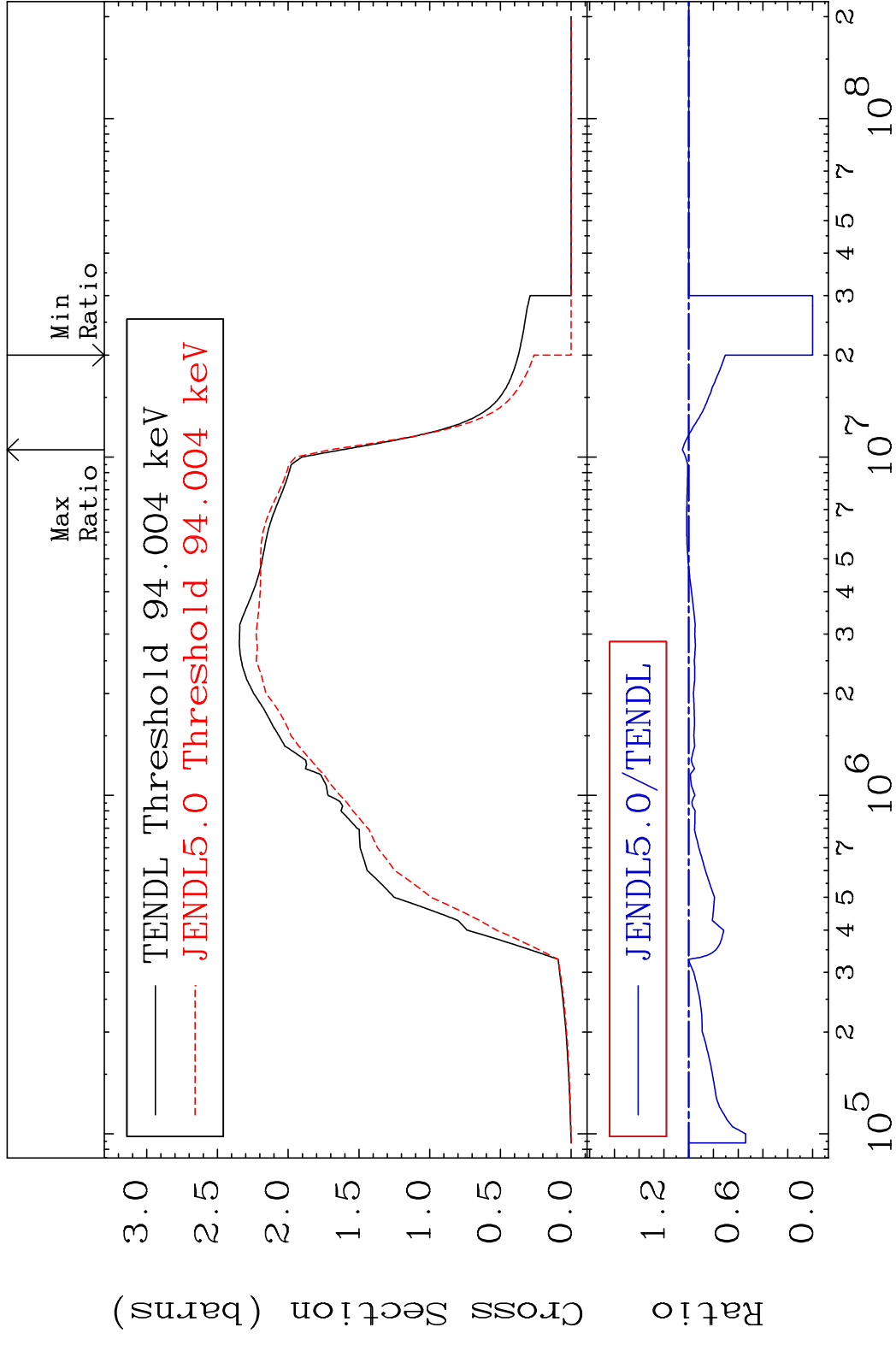


2

Incident Energy (eV)

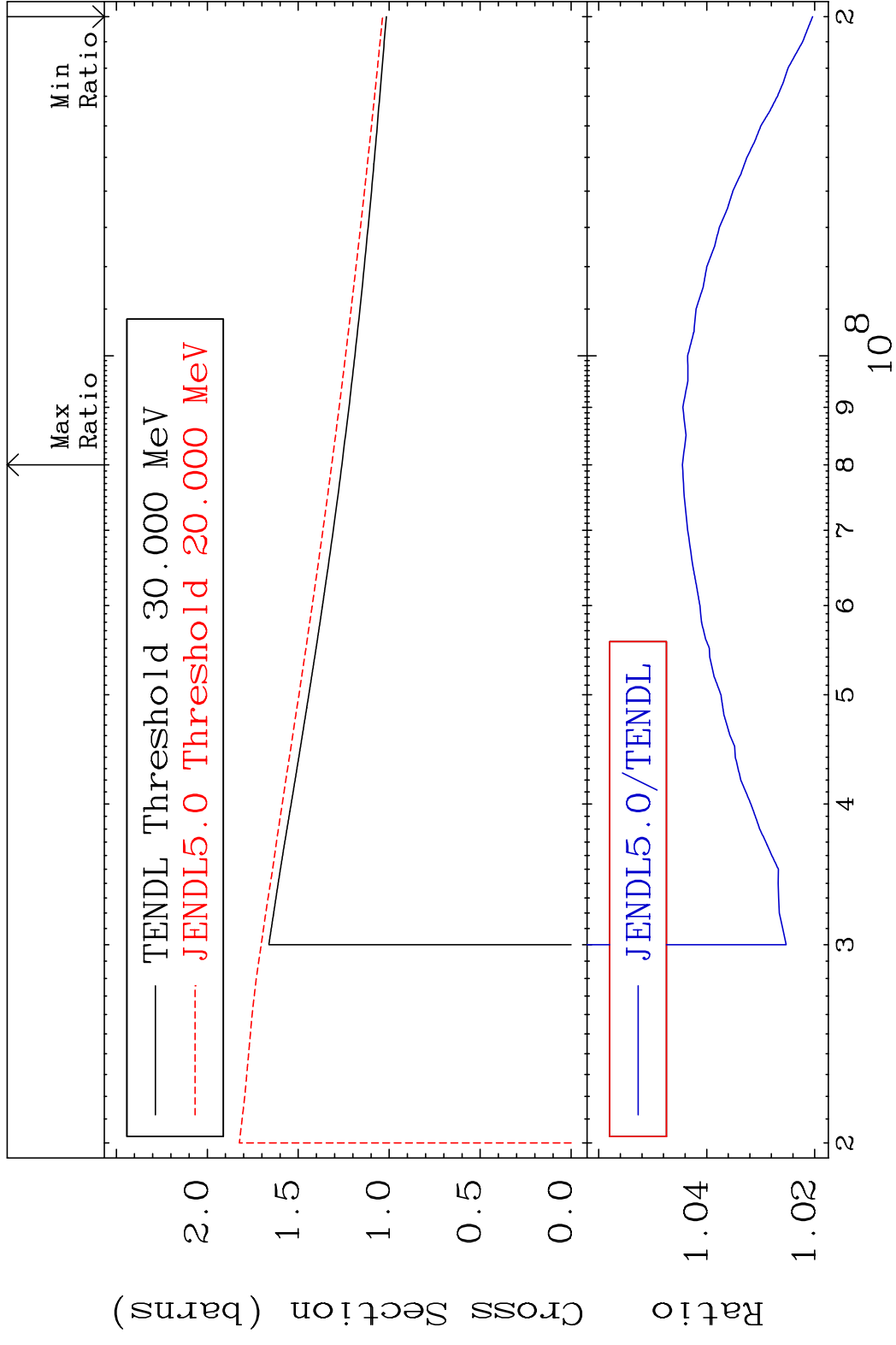
47-Ag-107

MAT 4725 Inelastic Cross Section 47-Ag-107
 -100.0 To 5.092 %



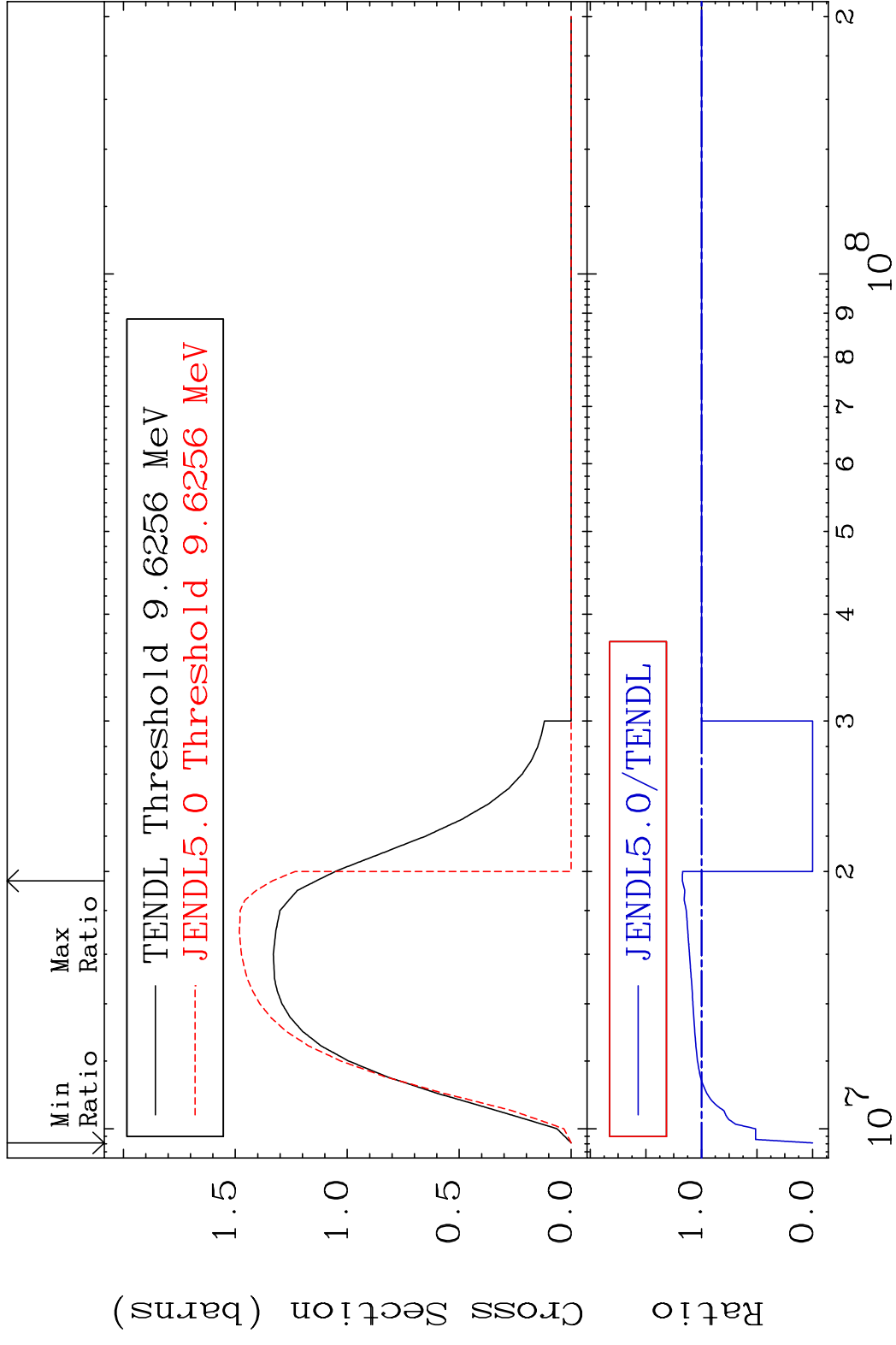
3 Incident Energy (eV) 47-Ag-107

MAT 4725 (n, remainder) 47-Ag-107
 Cross Section 2.038 To 4.451 %



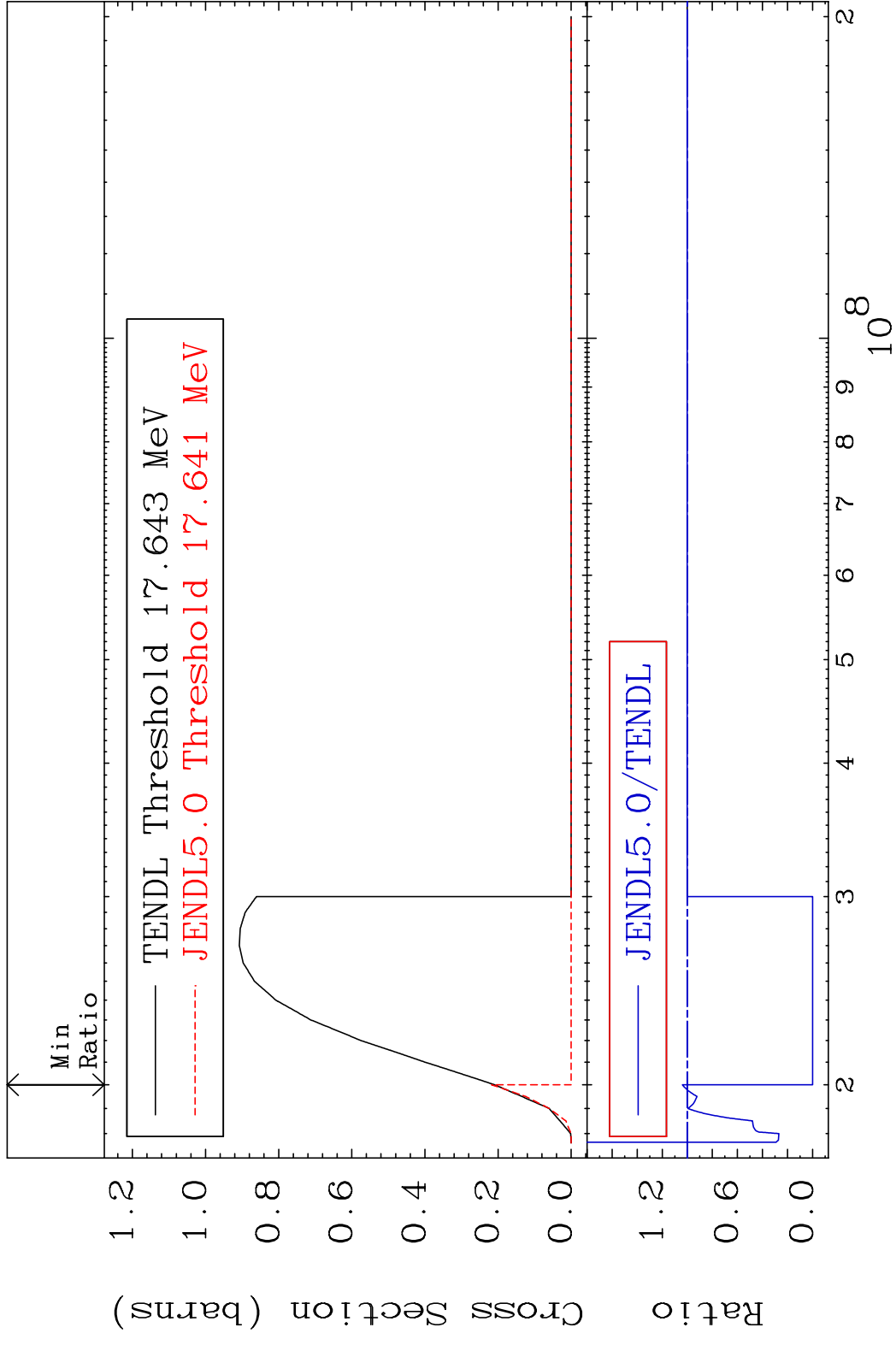
4 Incident Energy (eV) 47-Ag-107

MAT 4725 (n,2n) 47-Ag-107
 Cross Section -100.0 To 17.18 %

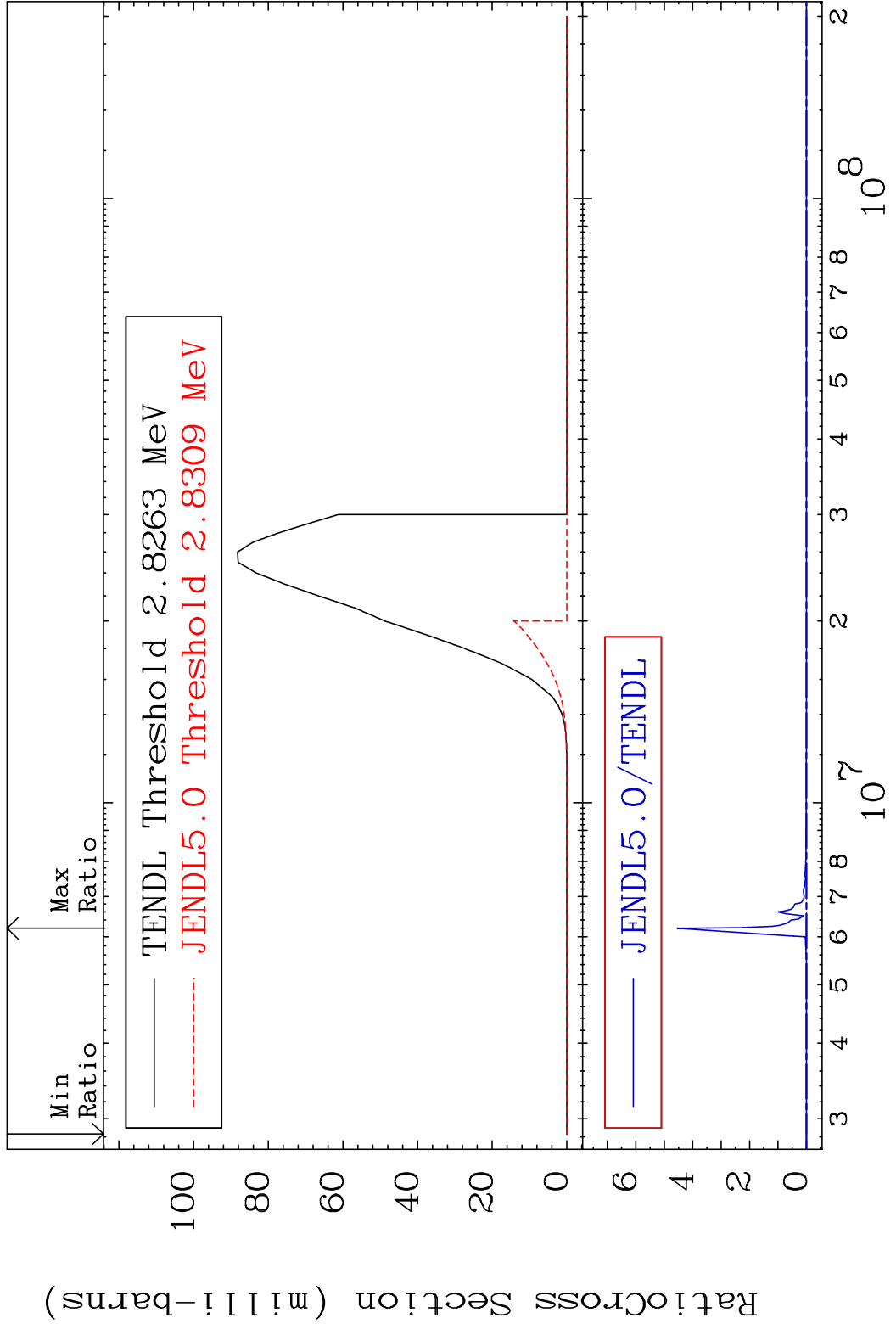


5 Incident Energy (eV) 47-Ag-107

MAT 4725 (n,3n) 47-Ag-107
 Cross Section -100.0 To 3.937 %



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



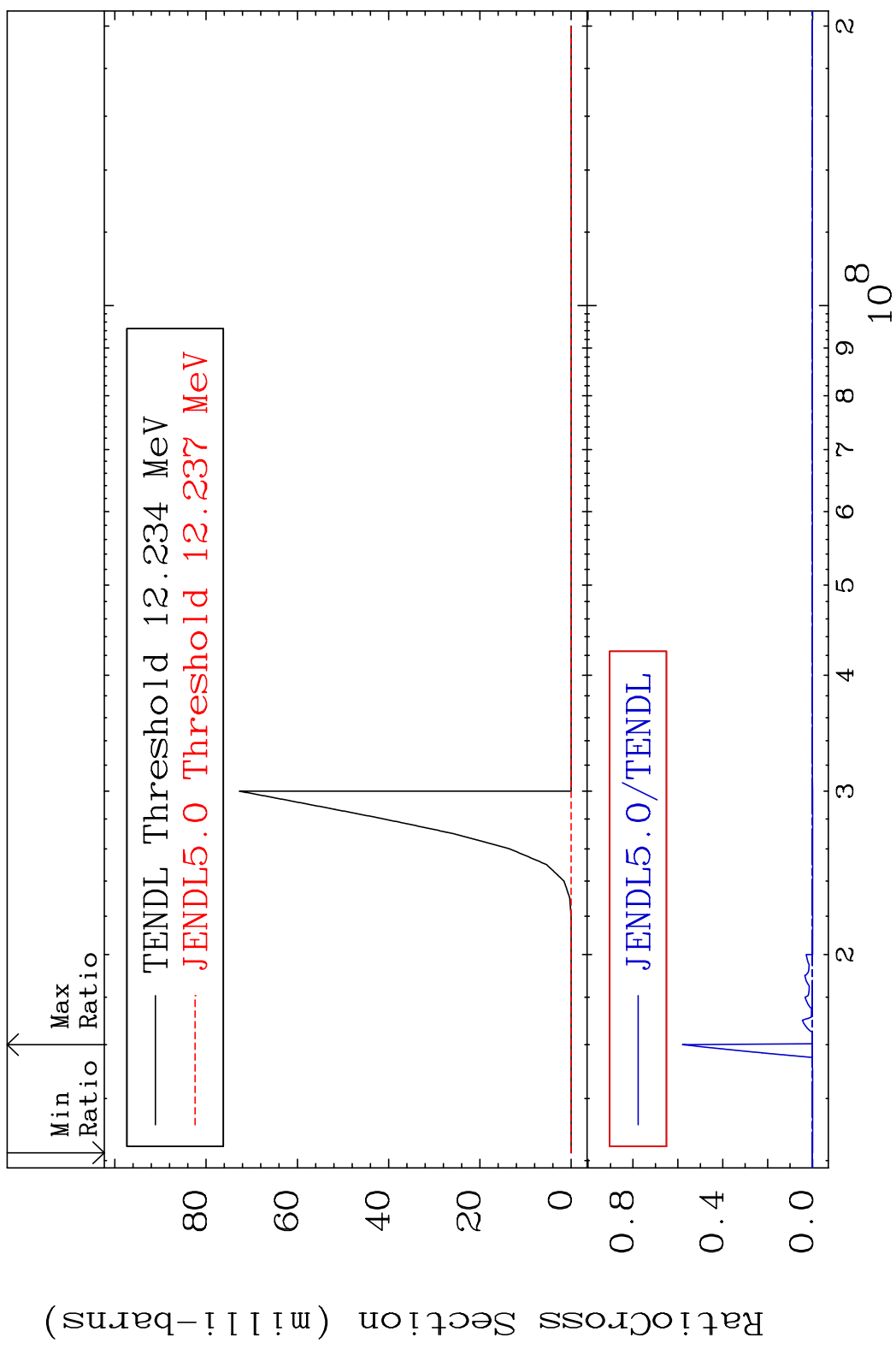
7 Incident Energy (eV) 47-Ag-107

MAT 4725

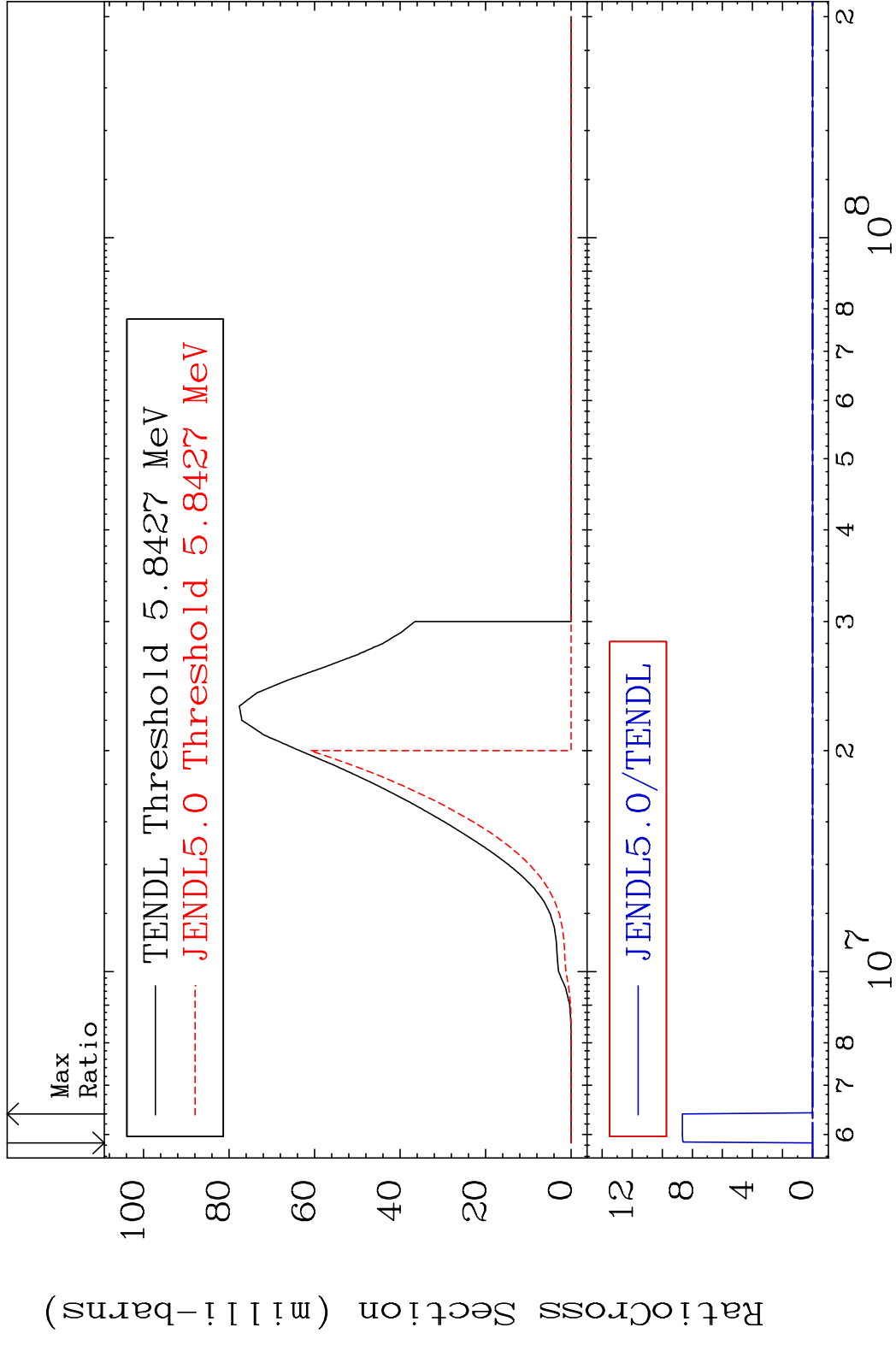
(n,2n) α

47-Ag-107

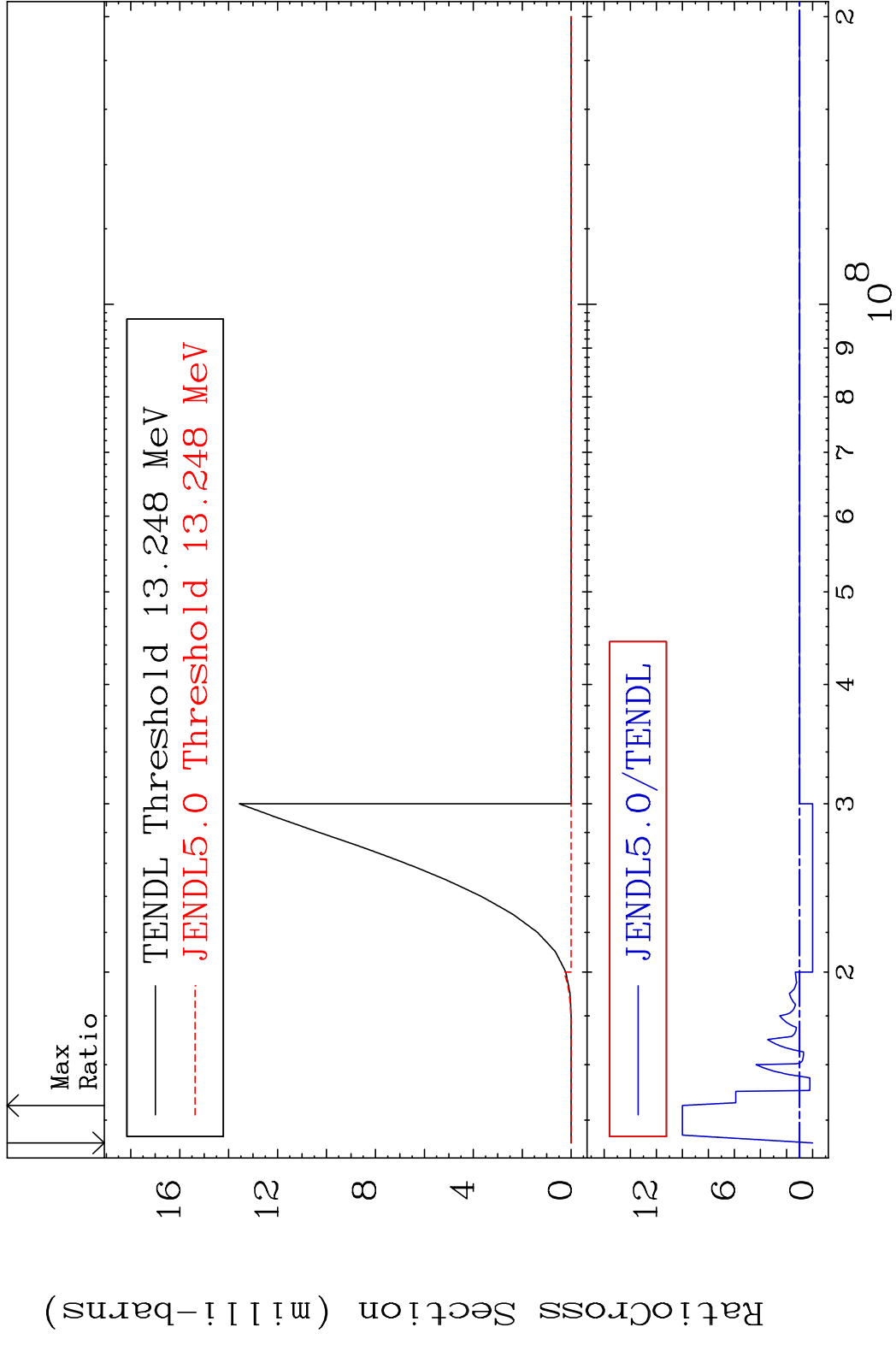
Cross Section -100.0 To 9999. %



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

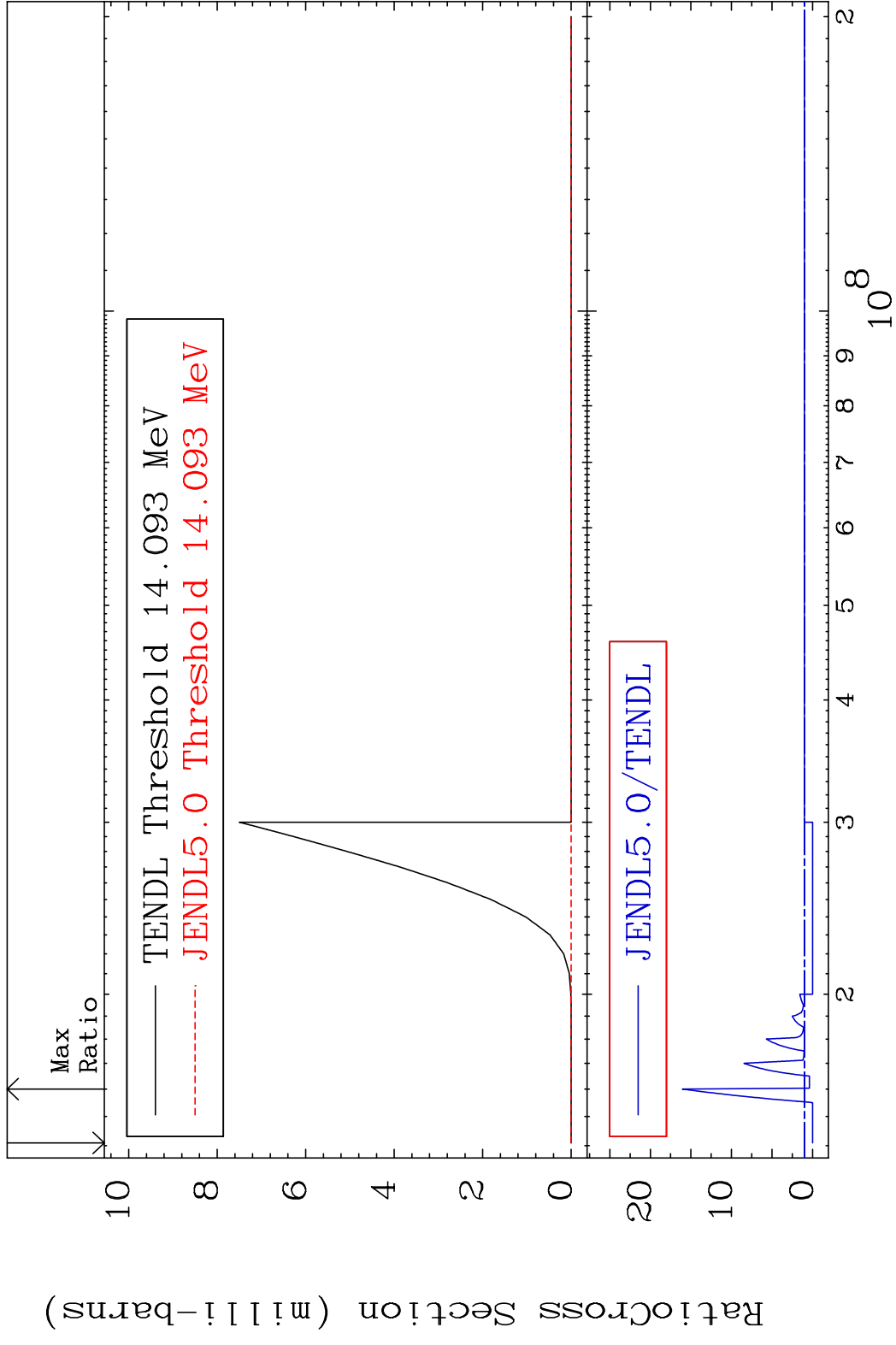


MAT 4725 (n, n') d 47-Ag-107
 Cross Section -100.0 To 900.2 %

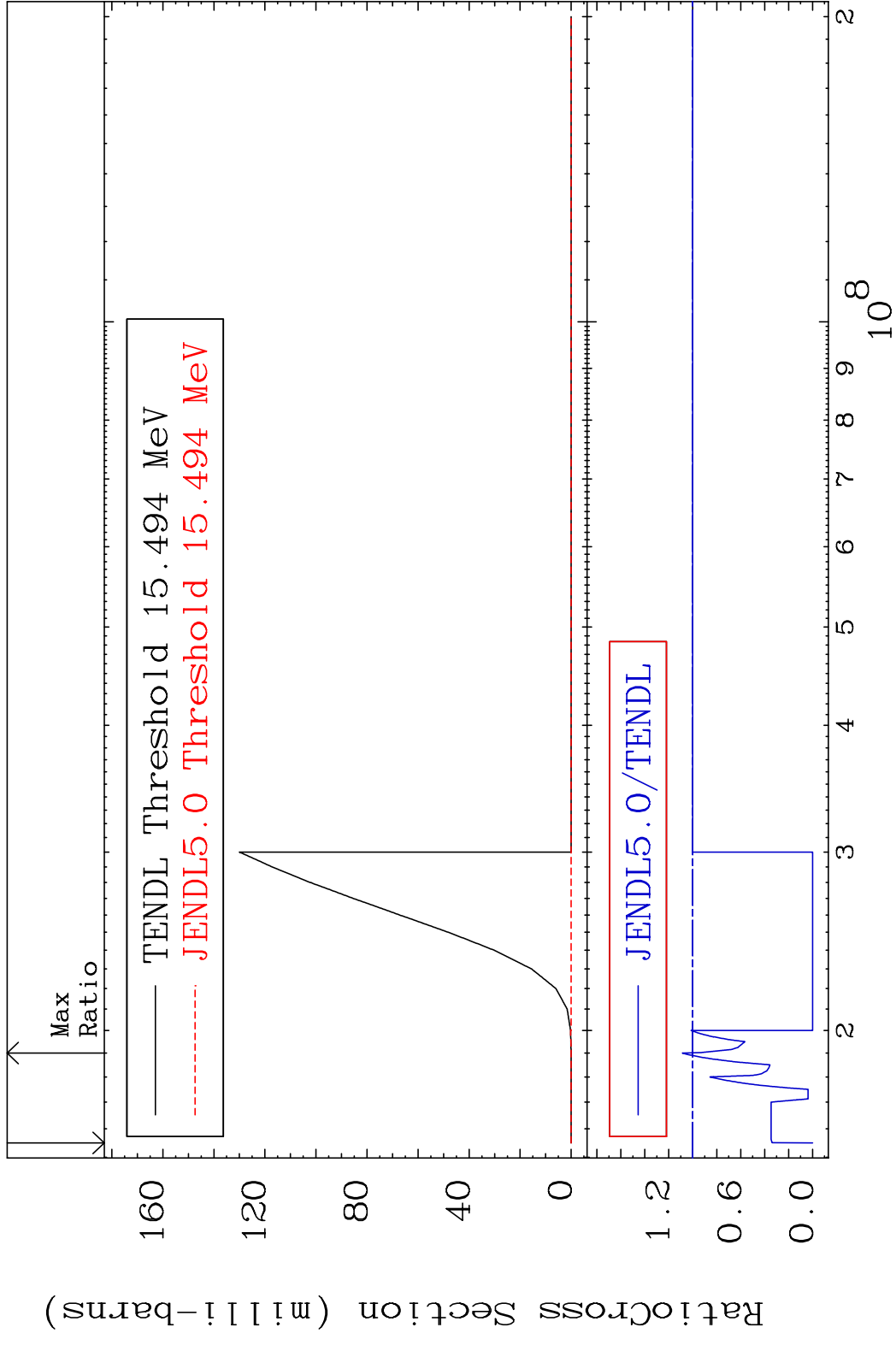


10 Incident Energy (eV) 47-Ag-107

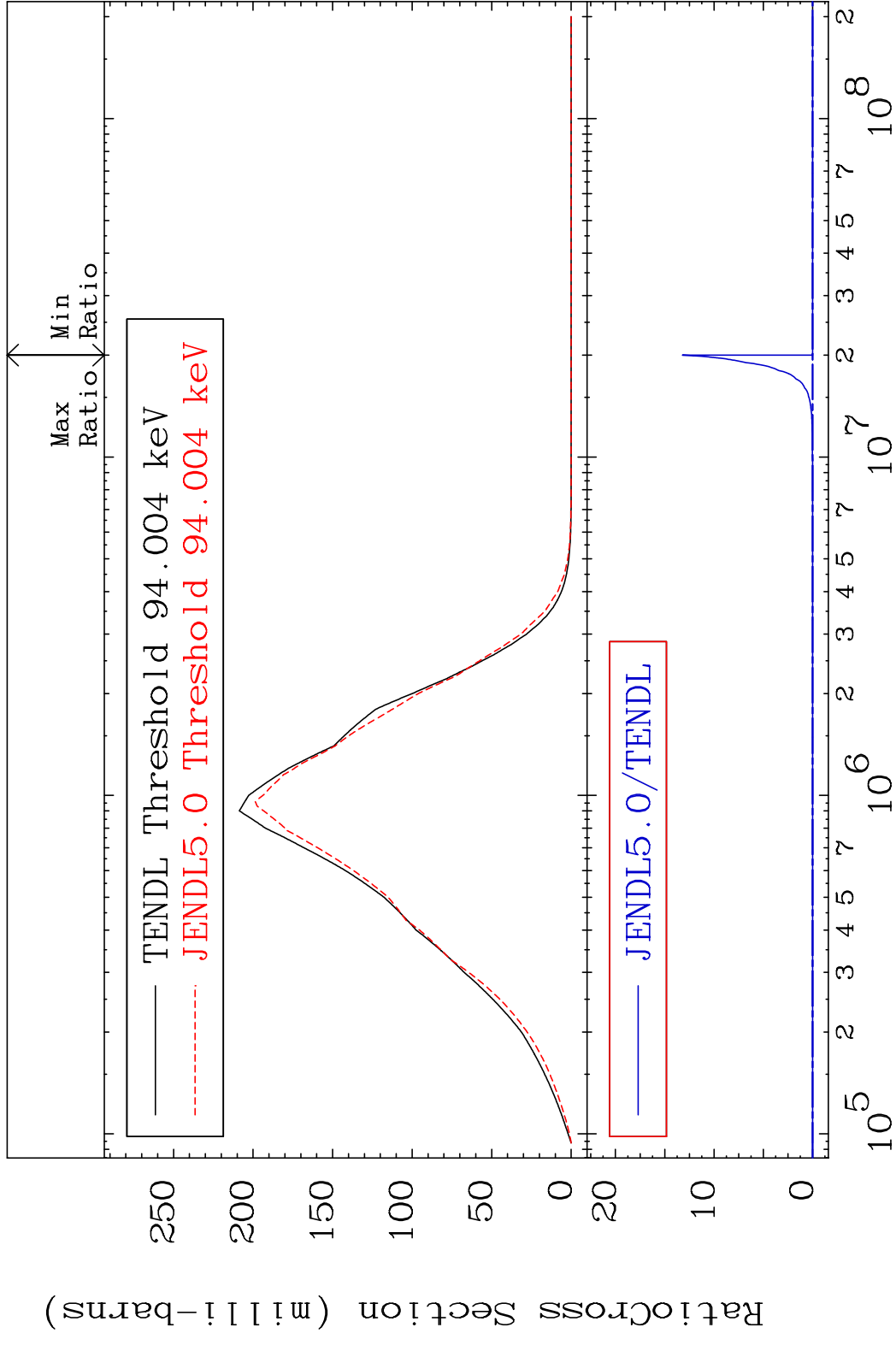
MAT 4725 (n, n') t 47-Ag-107
 Cross Section -100.0 To 1506. %



MAT 4725 (n,2n) p 47-Ag-107
 Cross Section -100.0 To 8.677 %

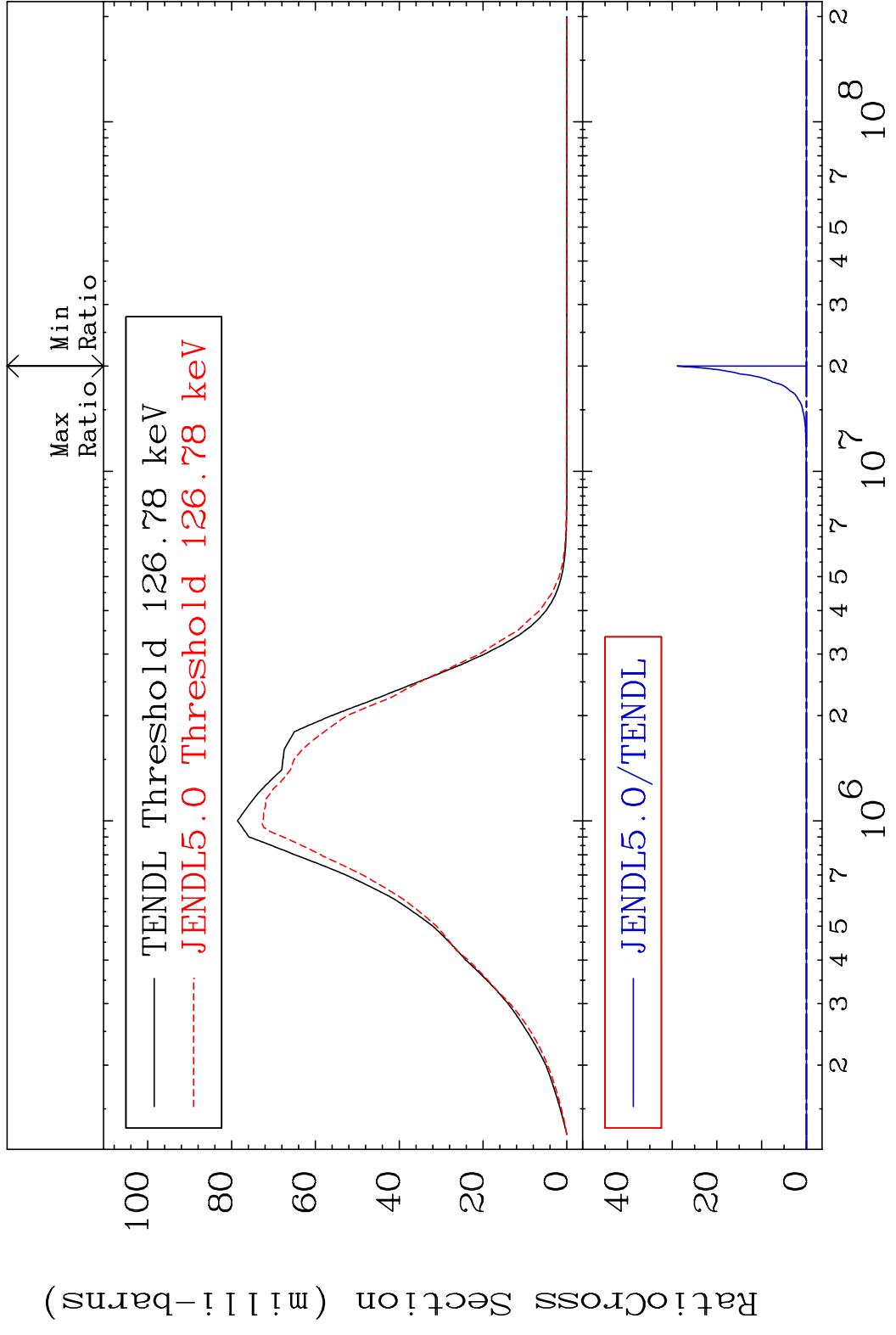


MAT 4725 MT= 51 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

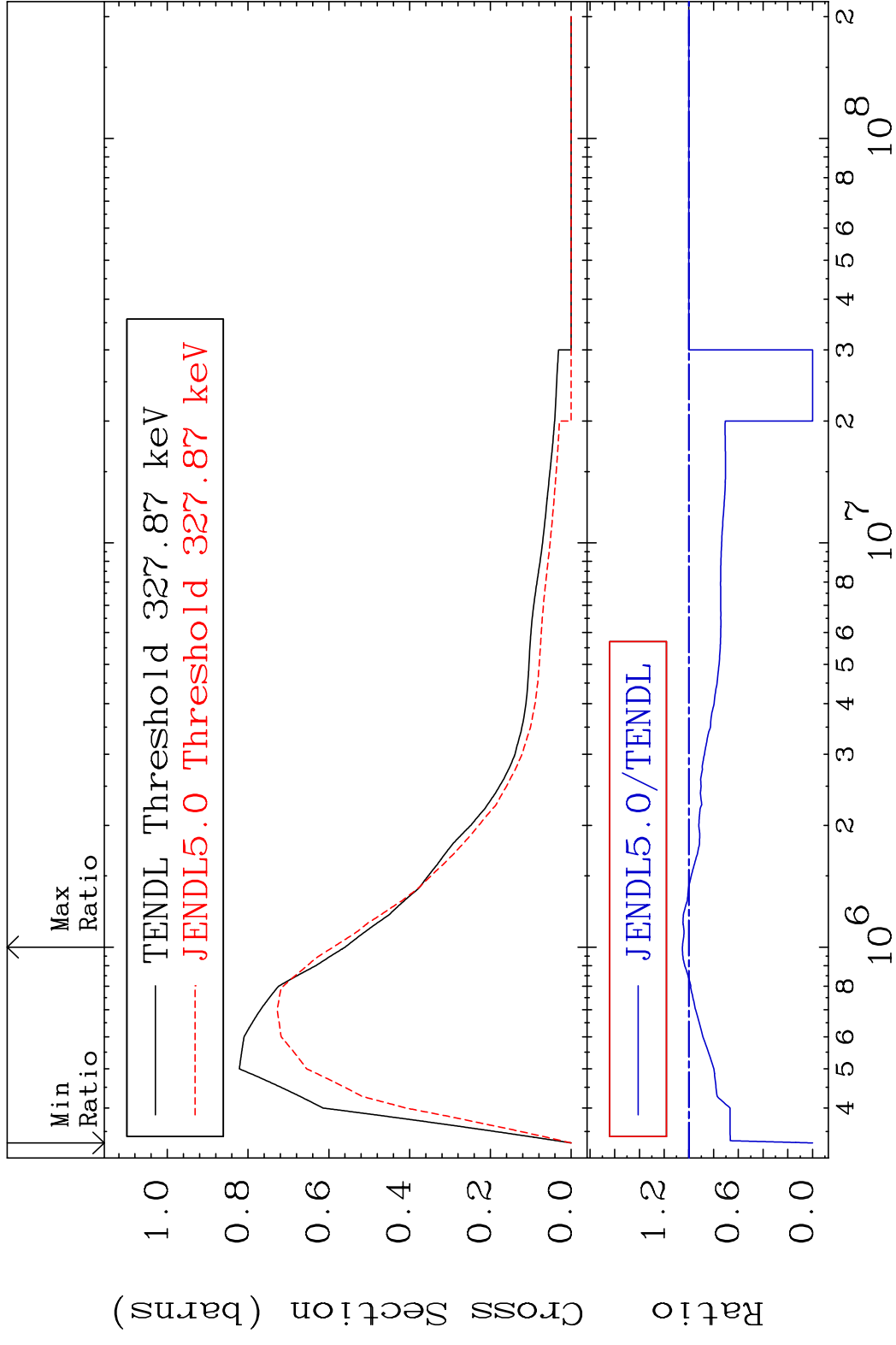


13 Incident Energy (eV) 47-Ag-107

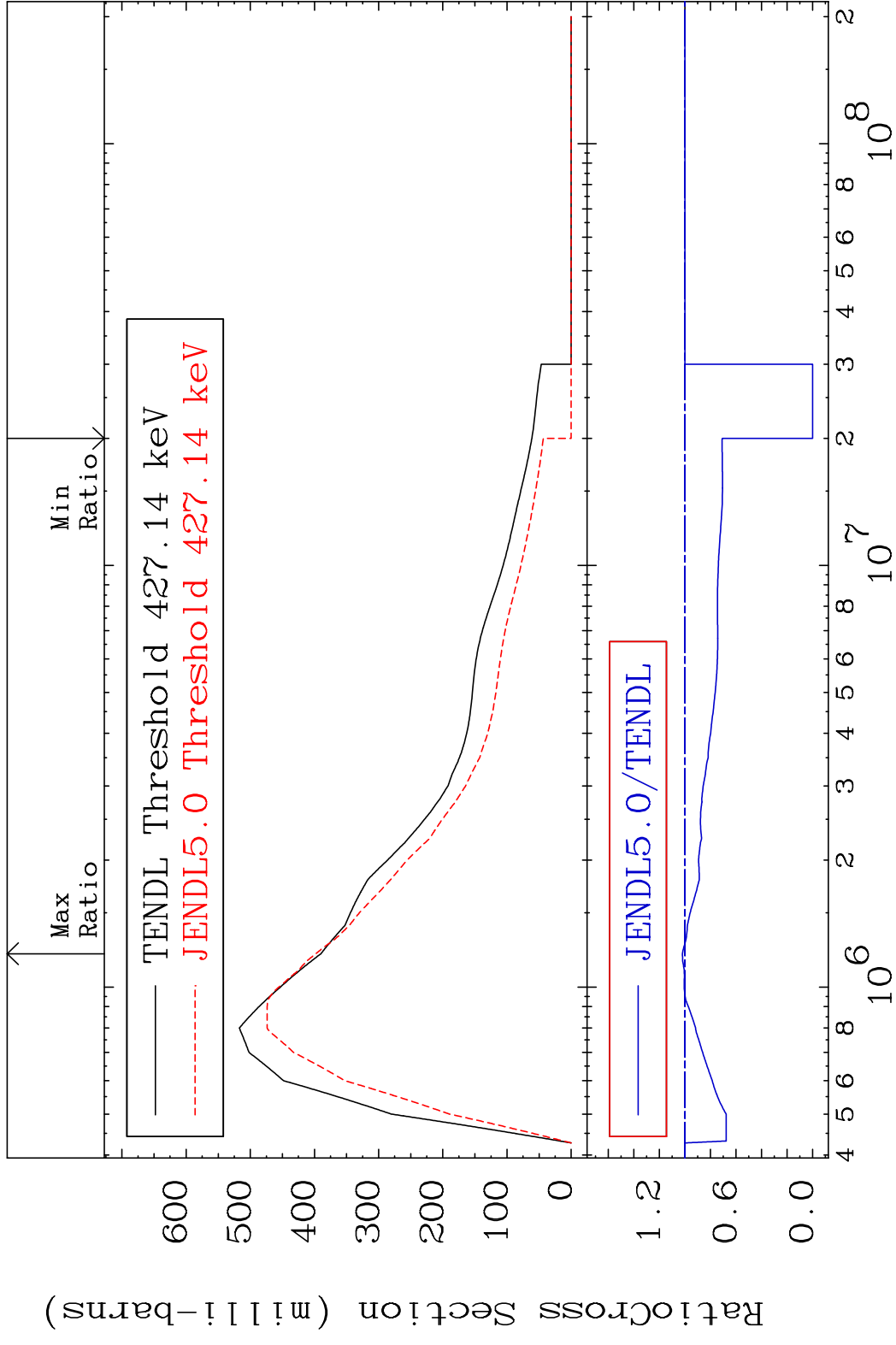
MAT 4725 MT= 52 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



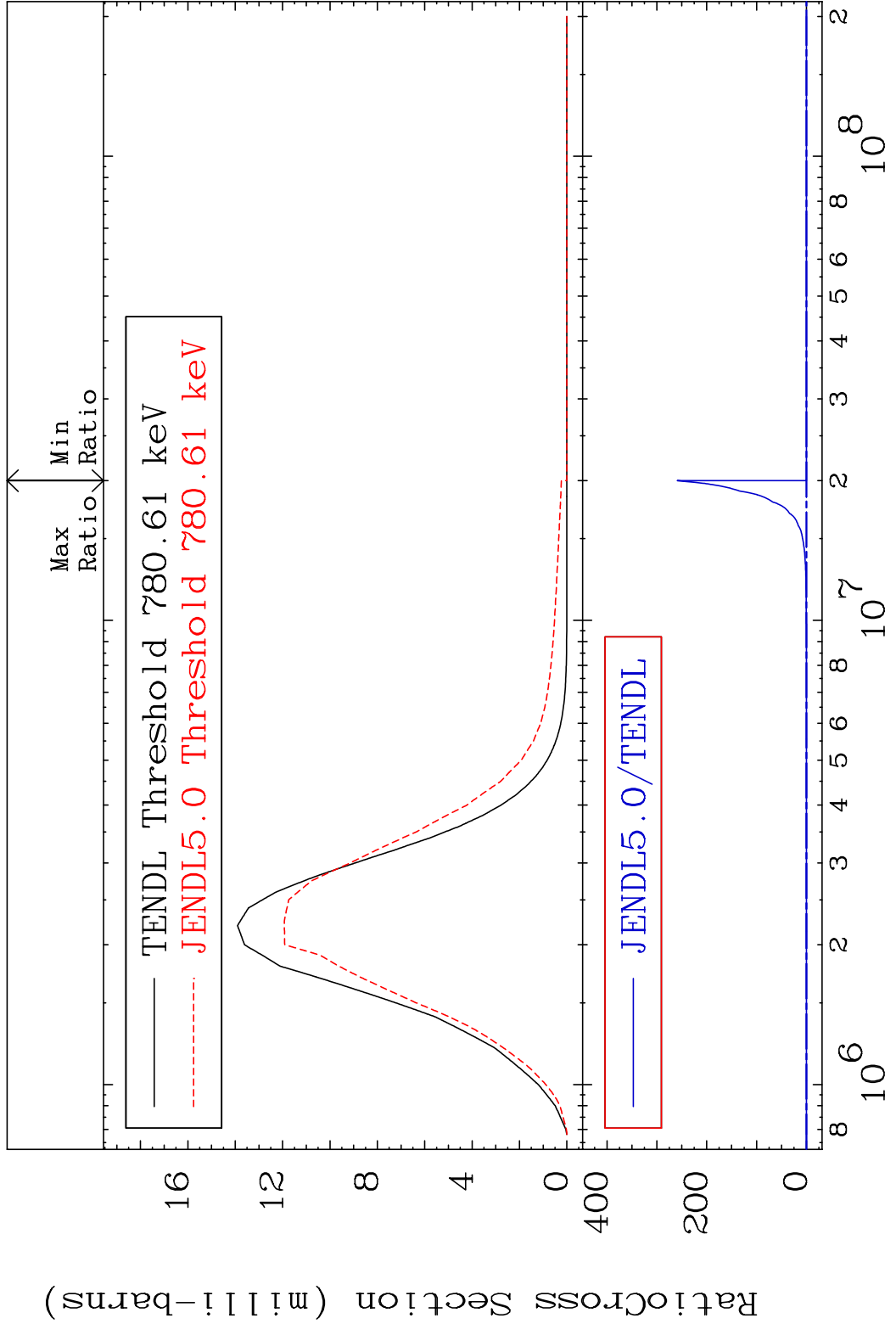
MAT 4725 MT= 53 (n,n') Level 47-Ag-107
 Cross Section -100.0 To 5.274 %



MAT 4725 MT= 54 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 2.021 %

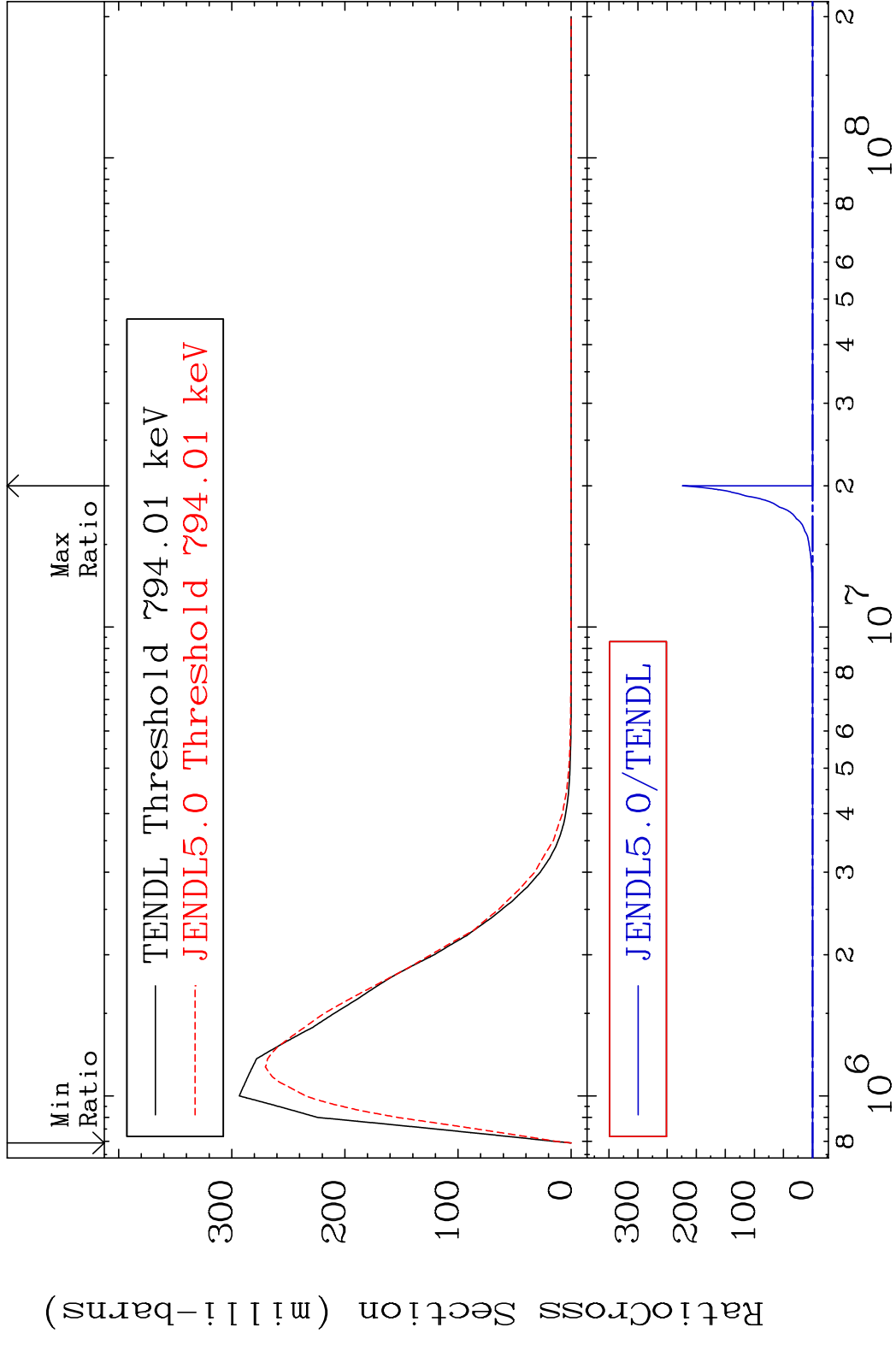


MAT 4725 MT= 55 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

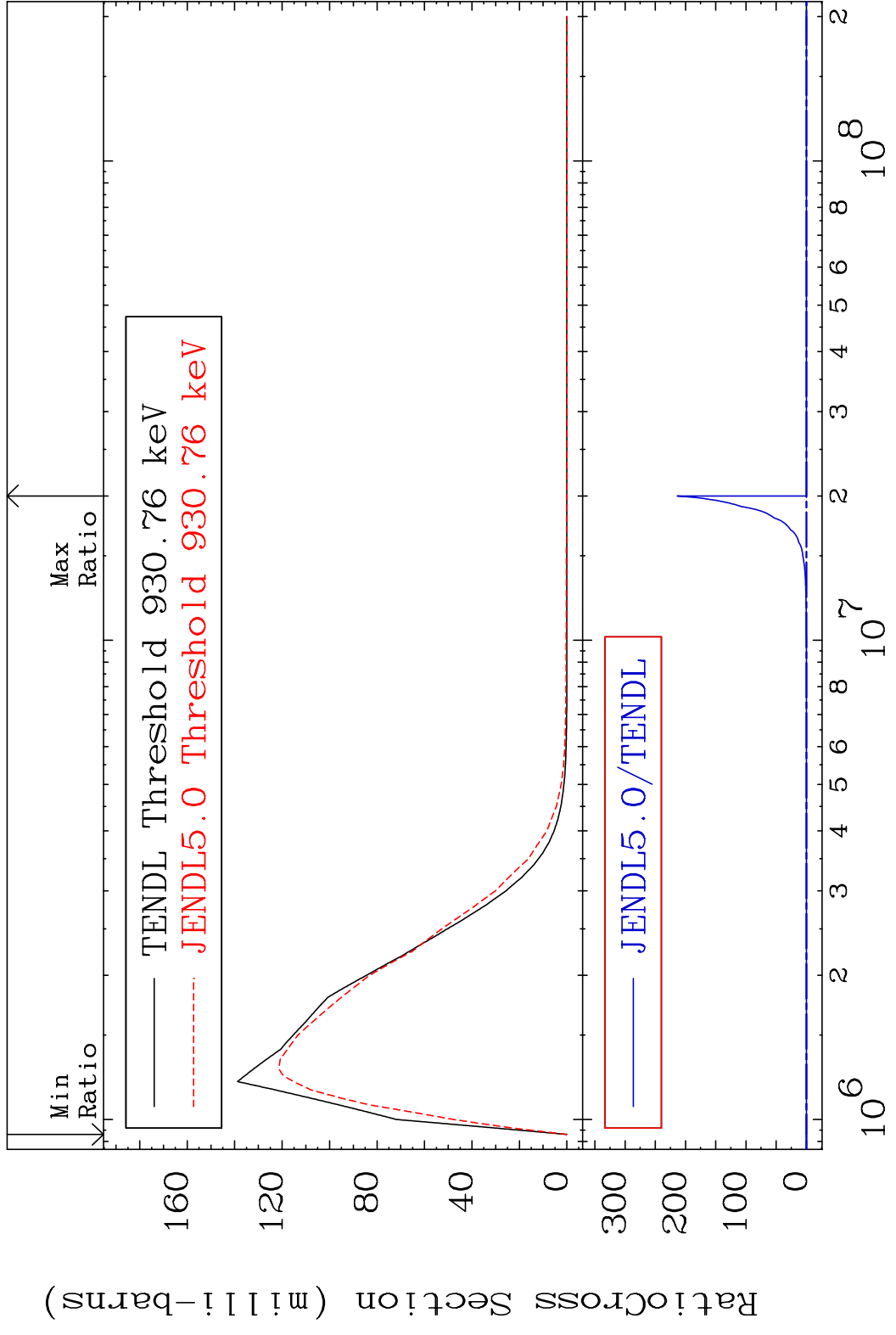


17 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 56 (n,n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

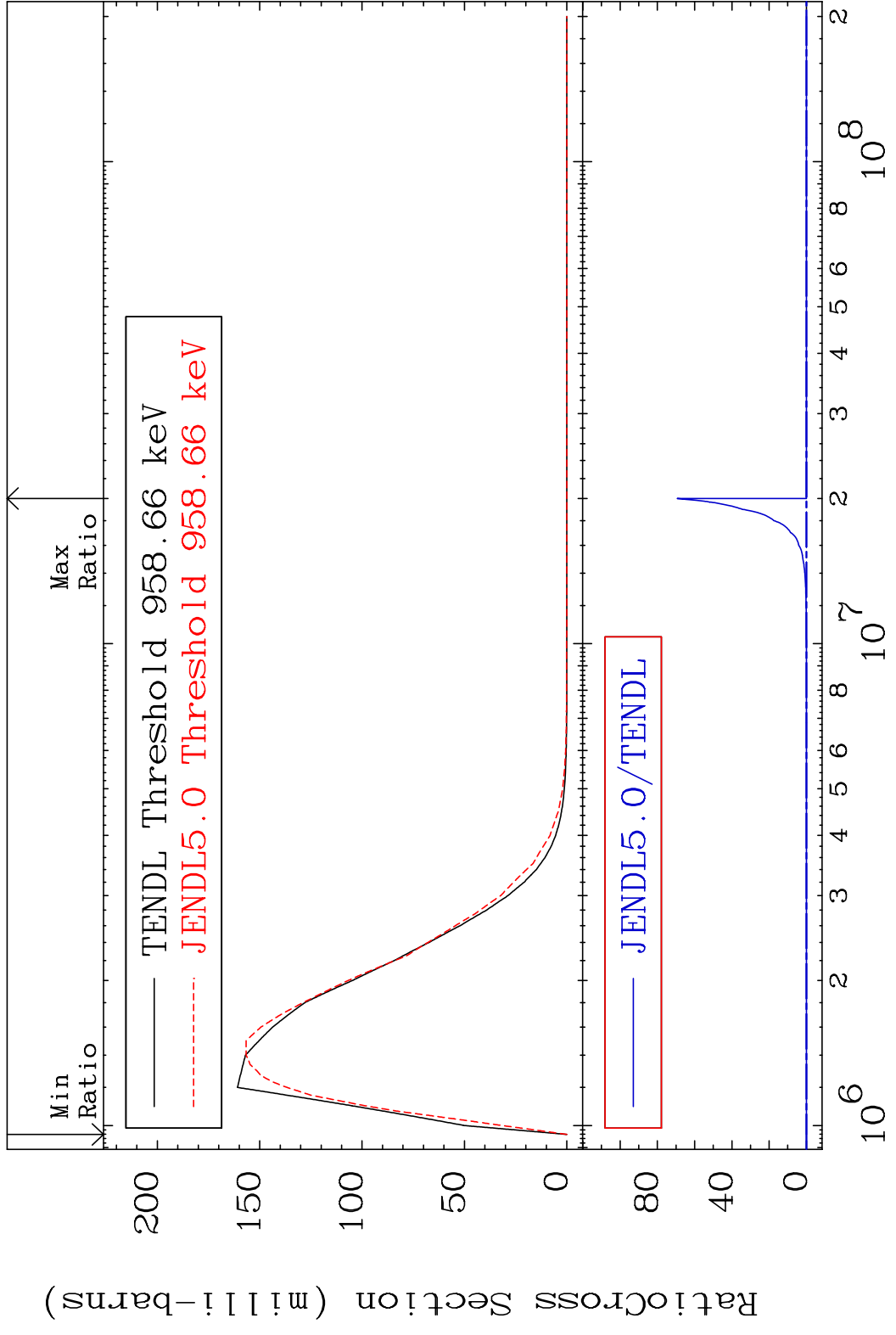


MAT 4725 MT= 57 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

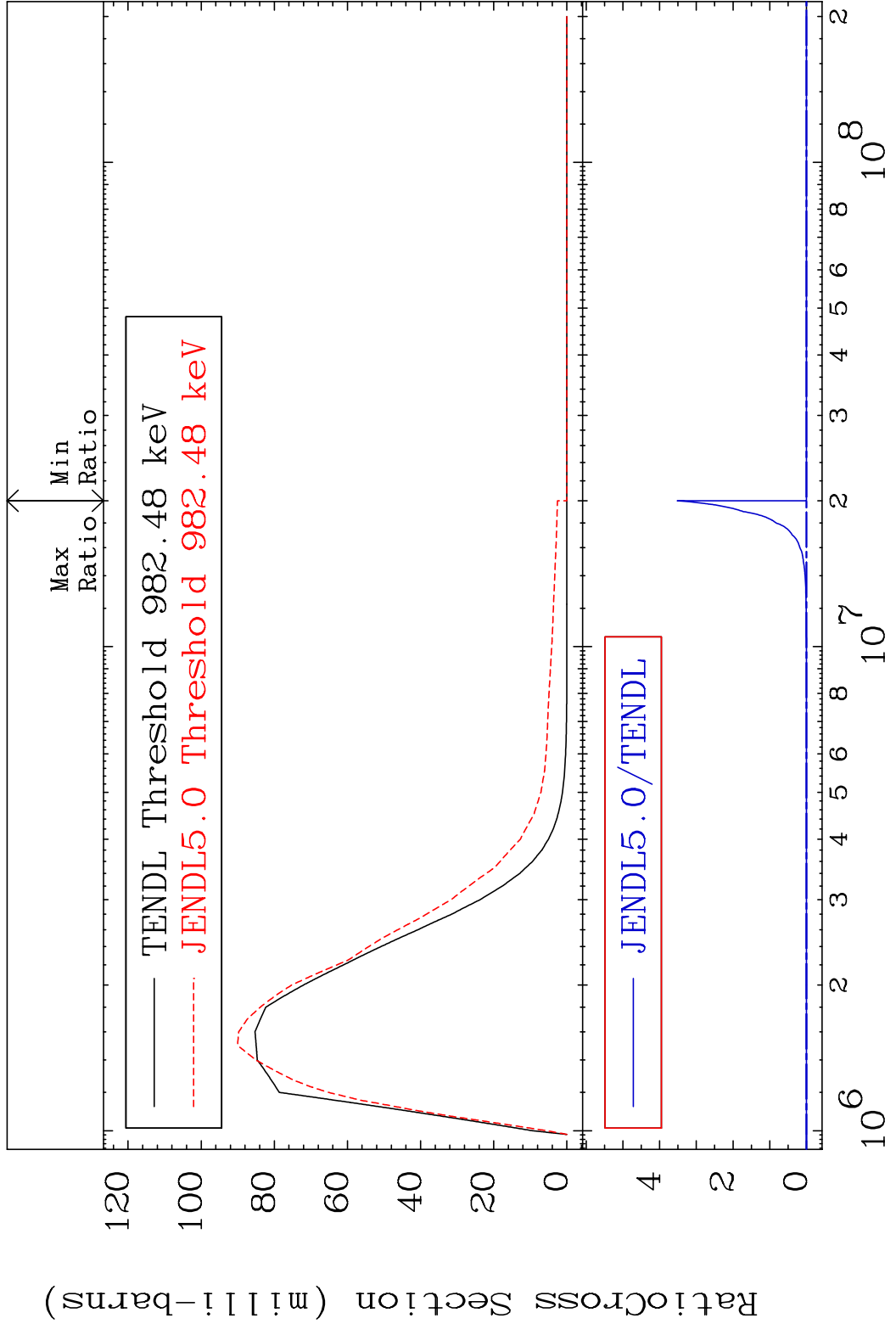


19 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 58 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

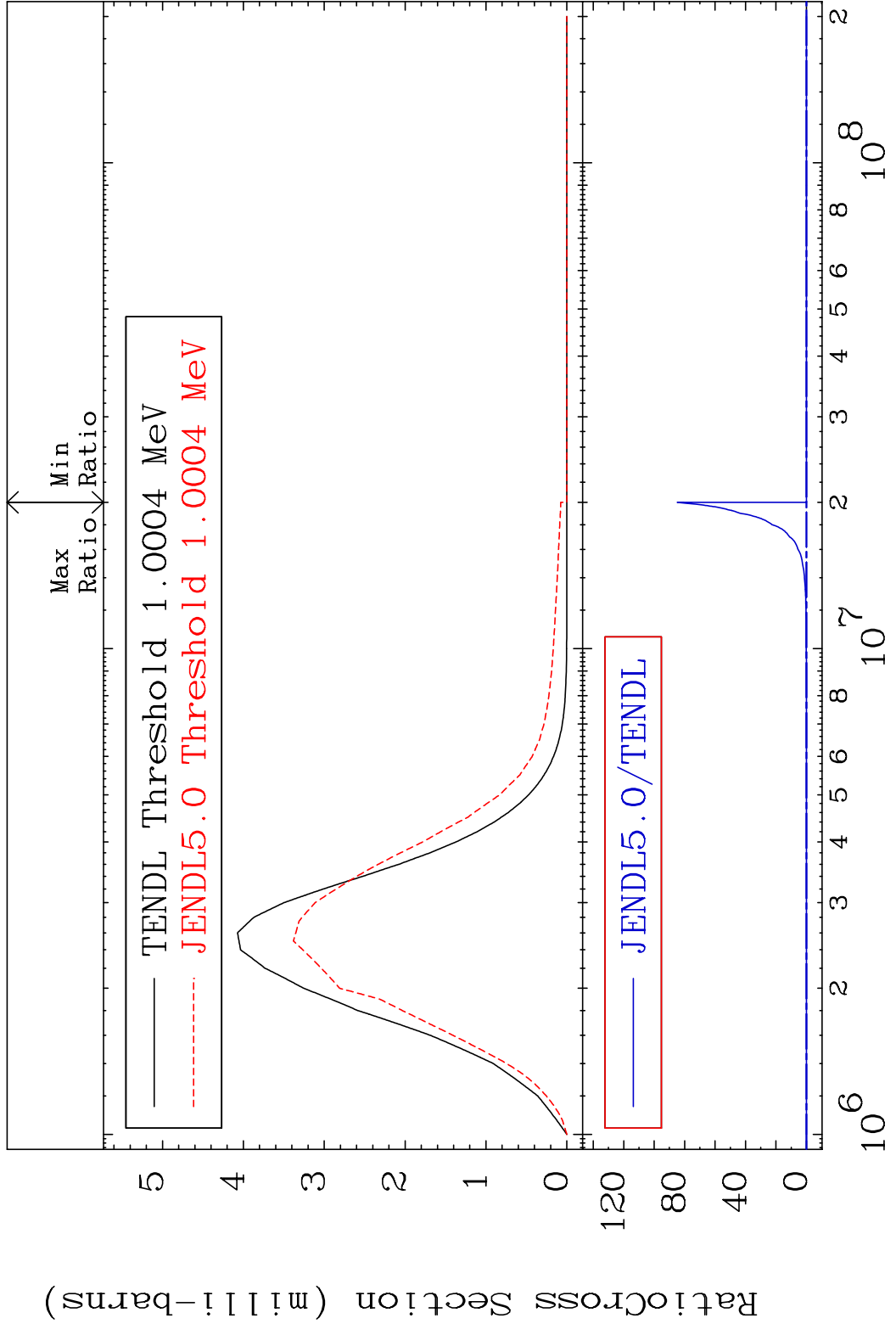


MAT 4725 MT= 59 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



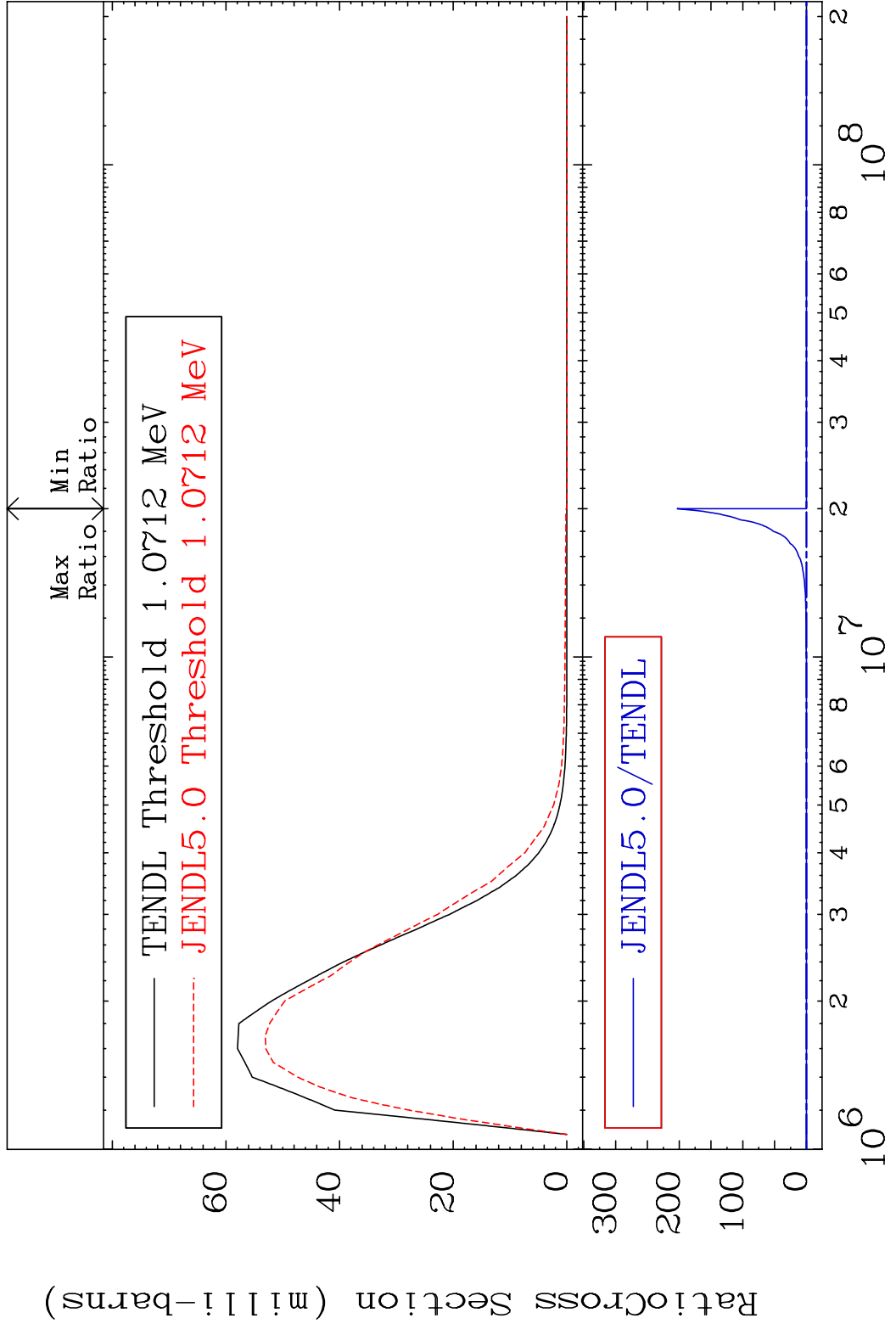
21 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 60 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

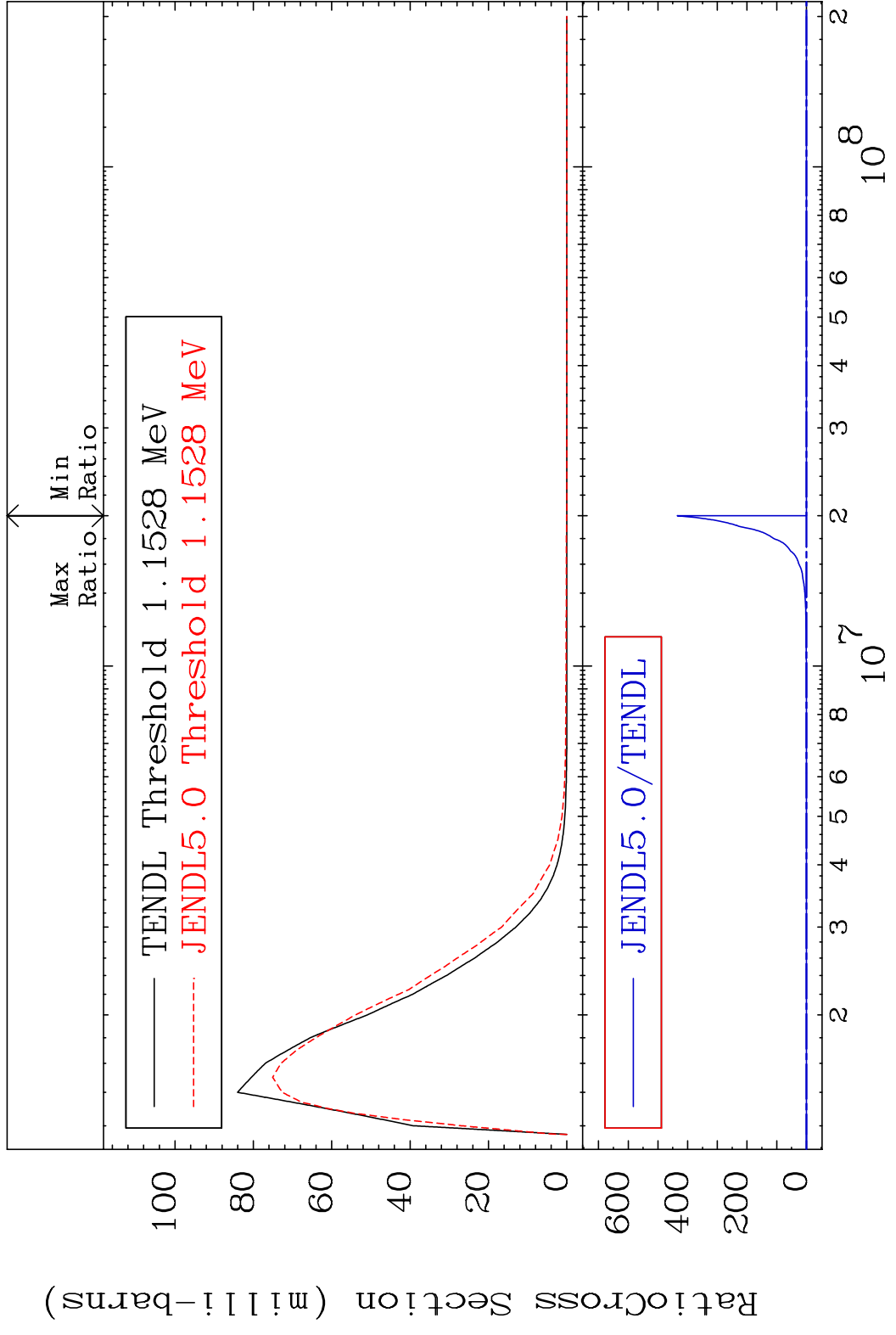


22 Incident Energy (eV) 47-Ag-107

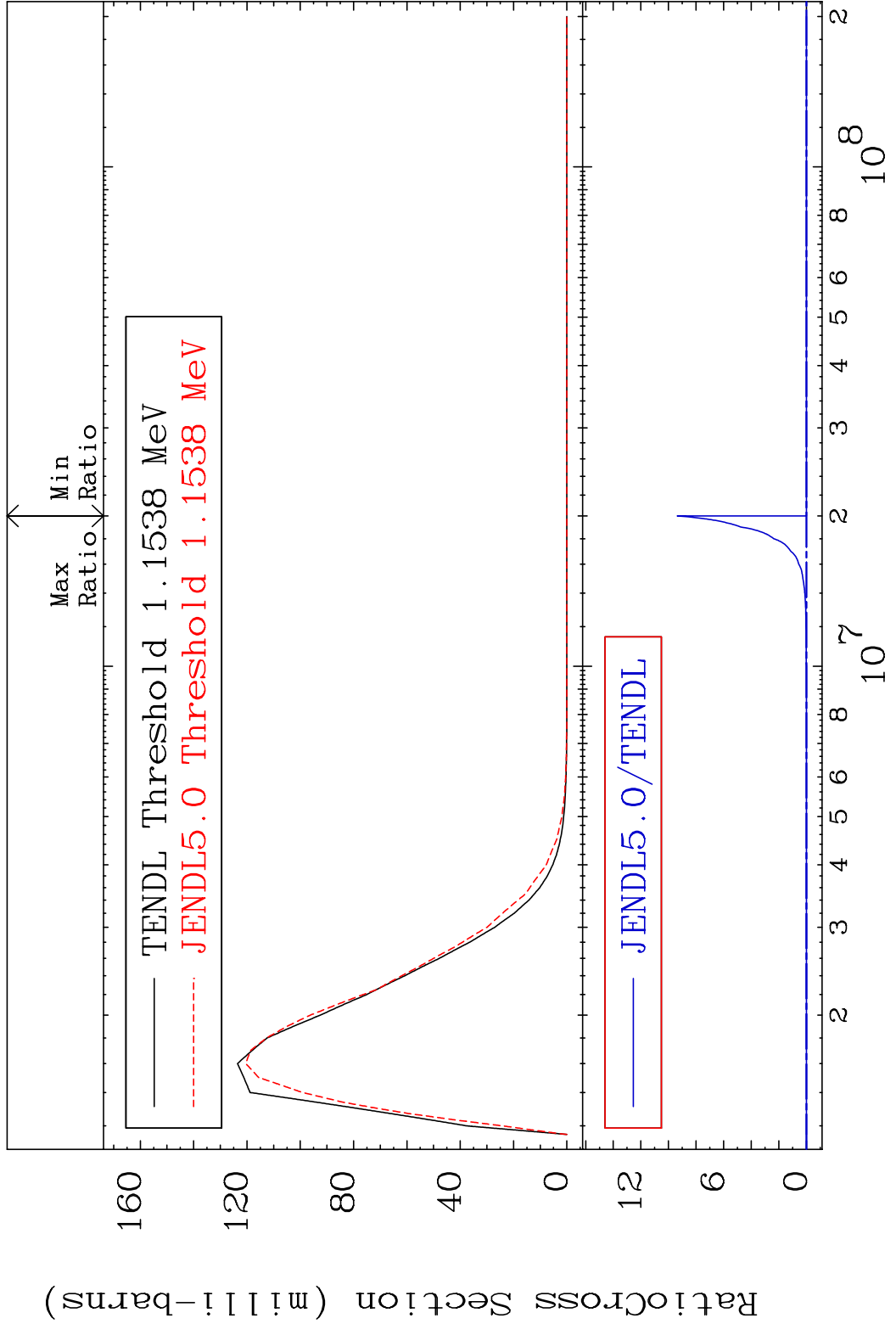
MAT 4725 MT= 61 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



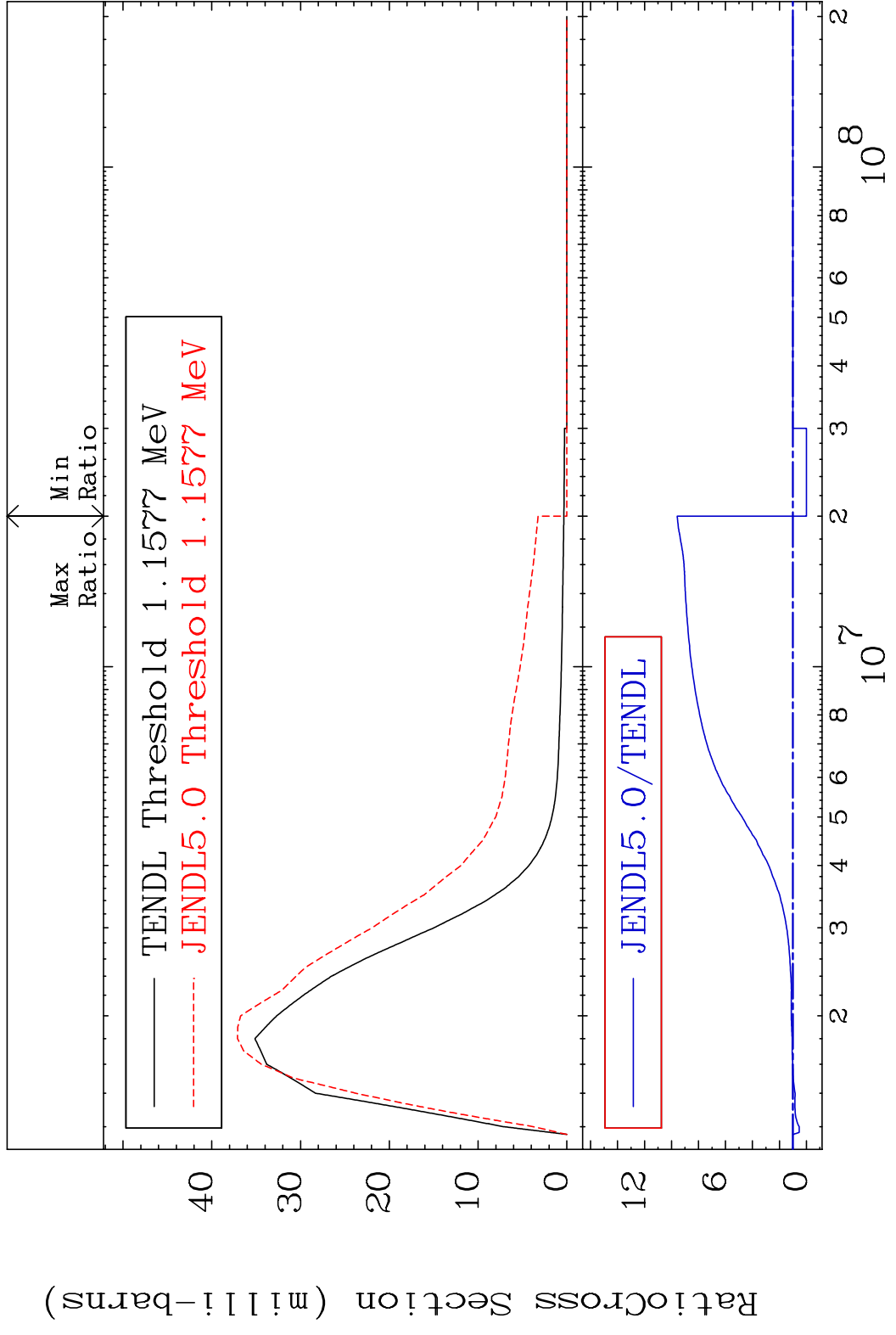
MAT 4725 MT= 62 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



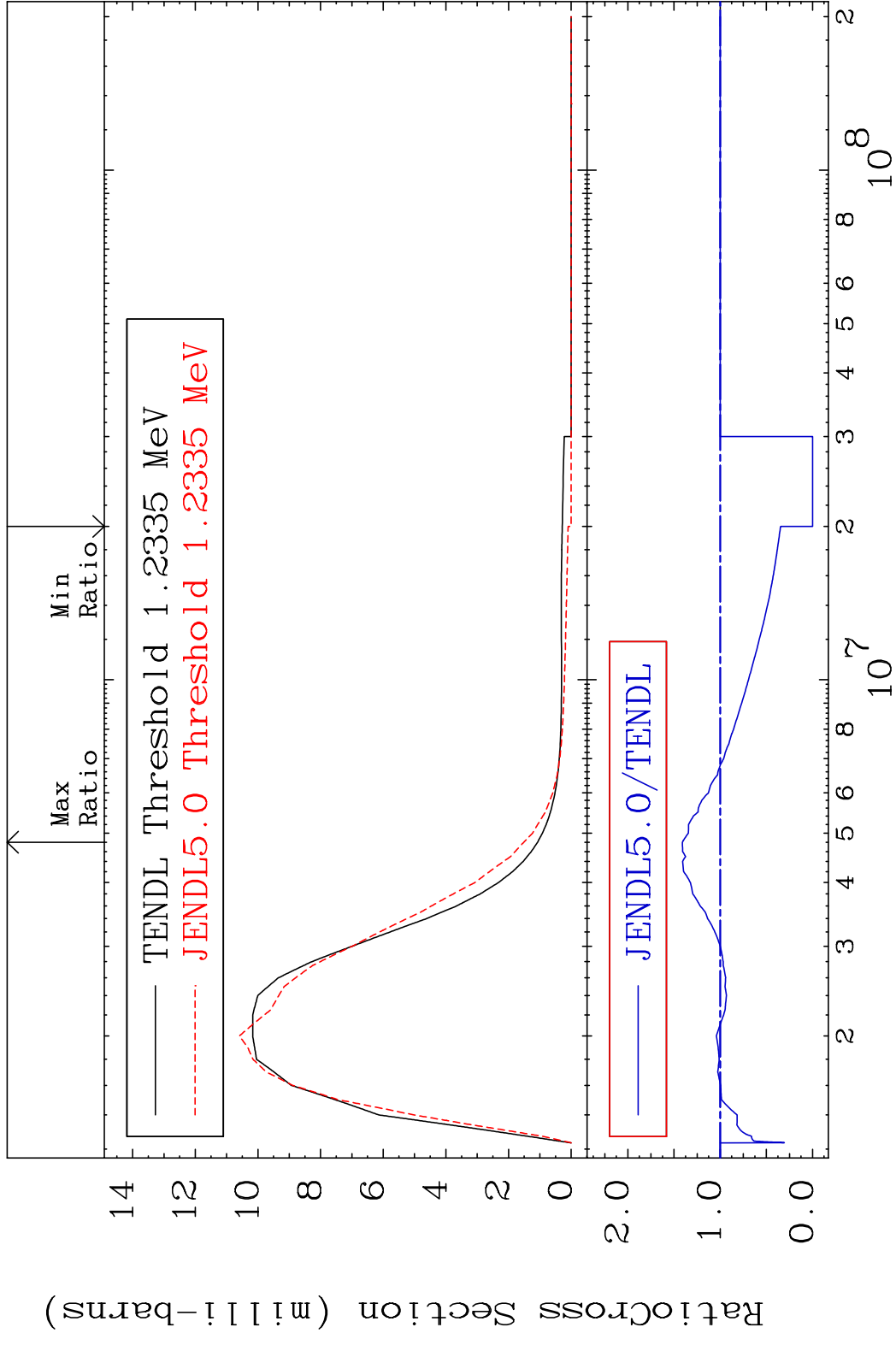
MAT 4725 MT= 63 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



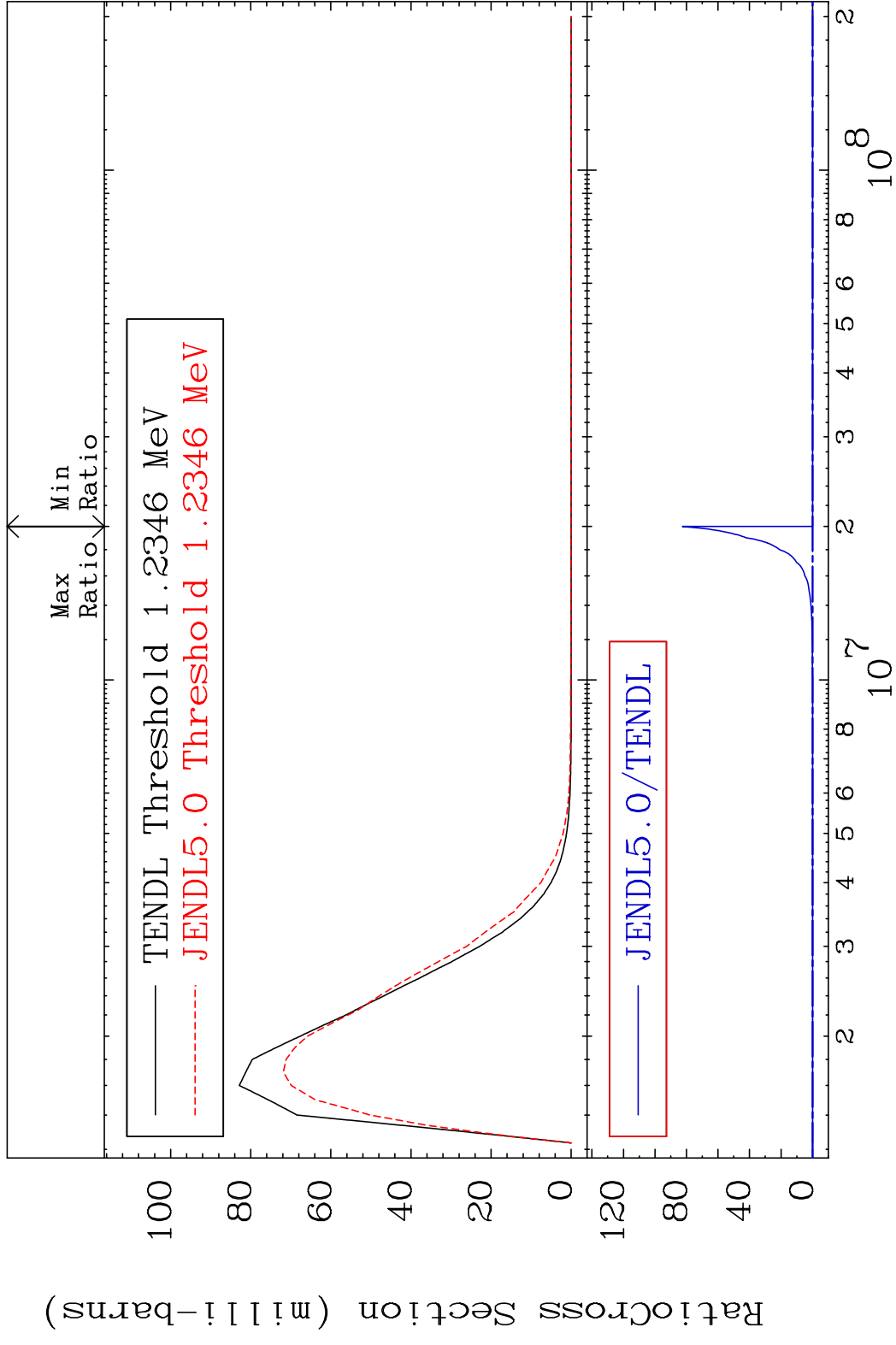
MAT 4725 MT= 64 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 857.9 %



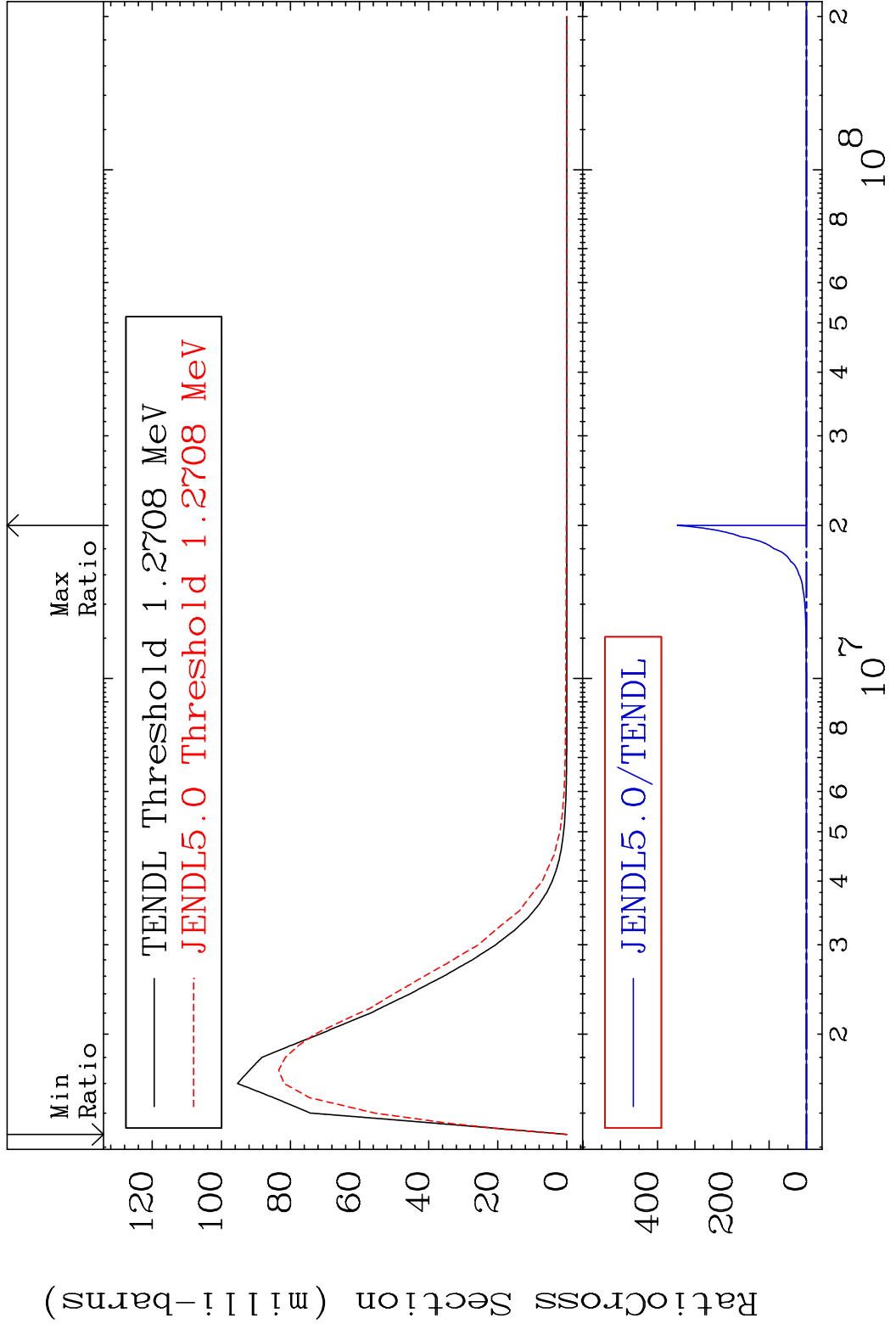
MAT 4725 MT= 65 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 40.97 %



MAT 4725 MT= 66 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



MAT 4725 MT= 67 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

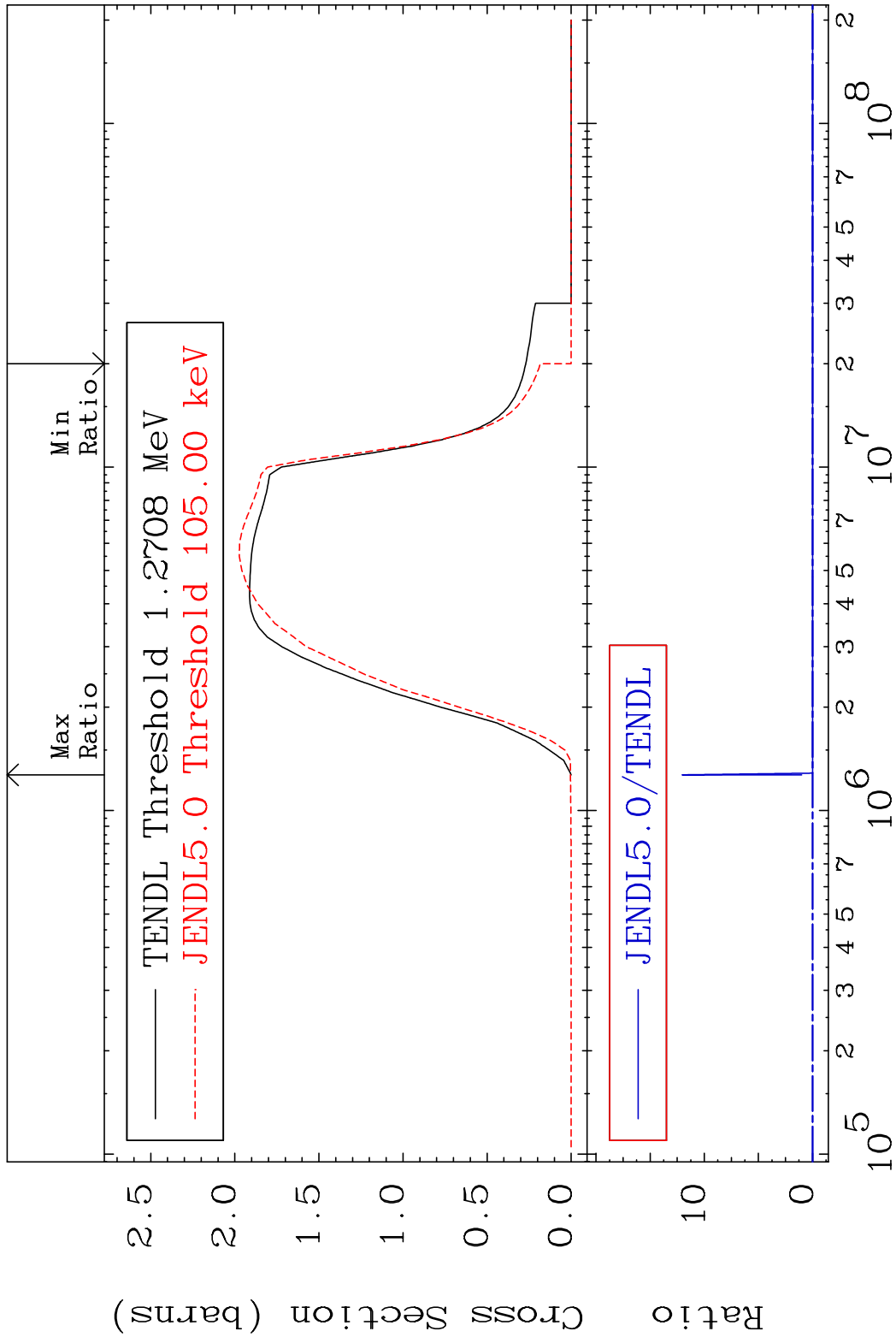


MAT 4725

(n, n') Continuum

47-Ag-107

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

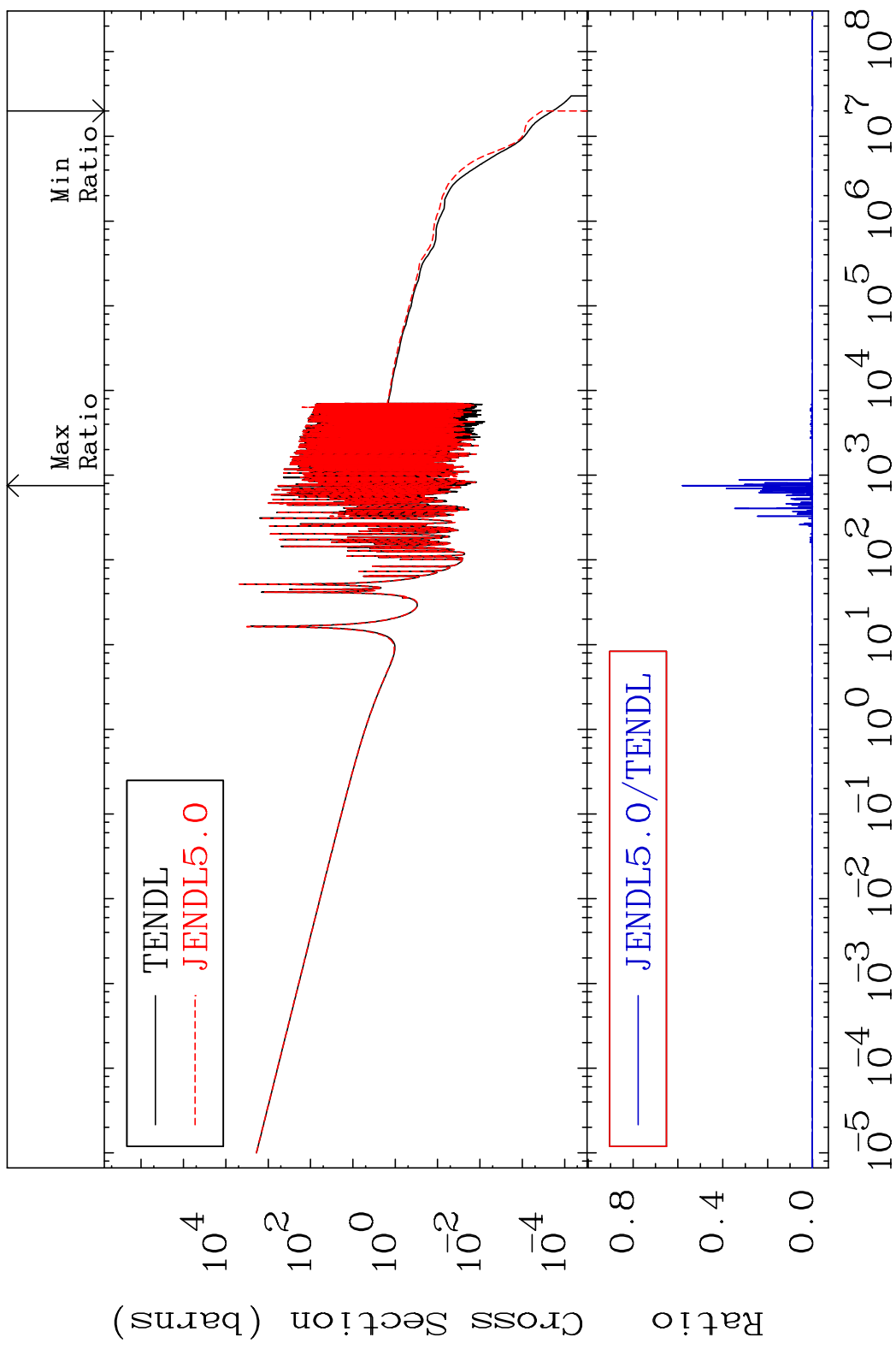
47-Ag-107

MAT 4725

(n, γ)

47-Ag-107

Cross Section -100.0 To 9999. %



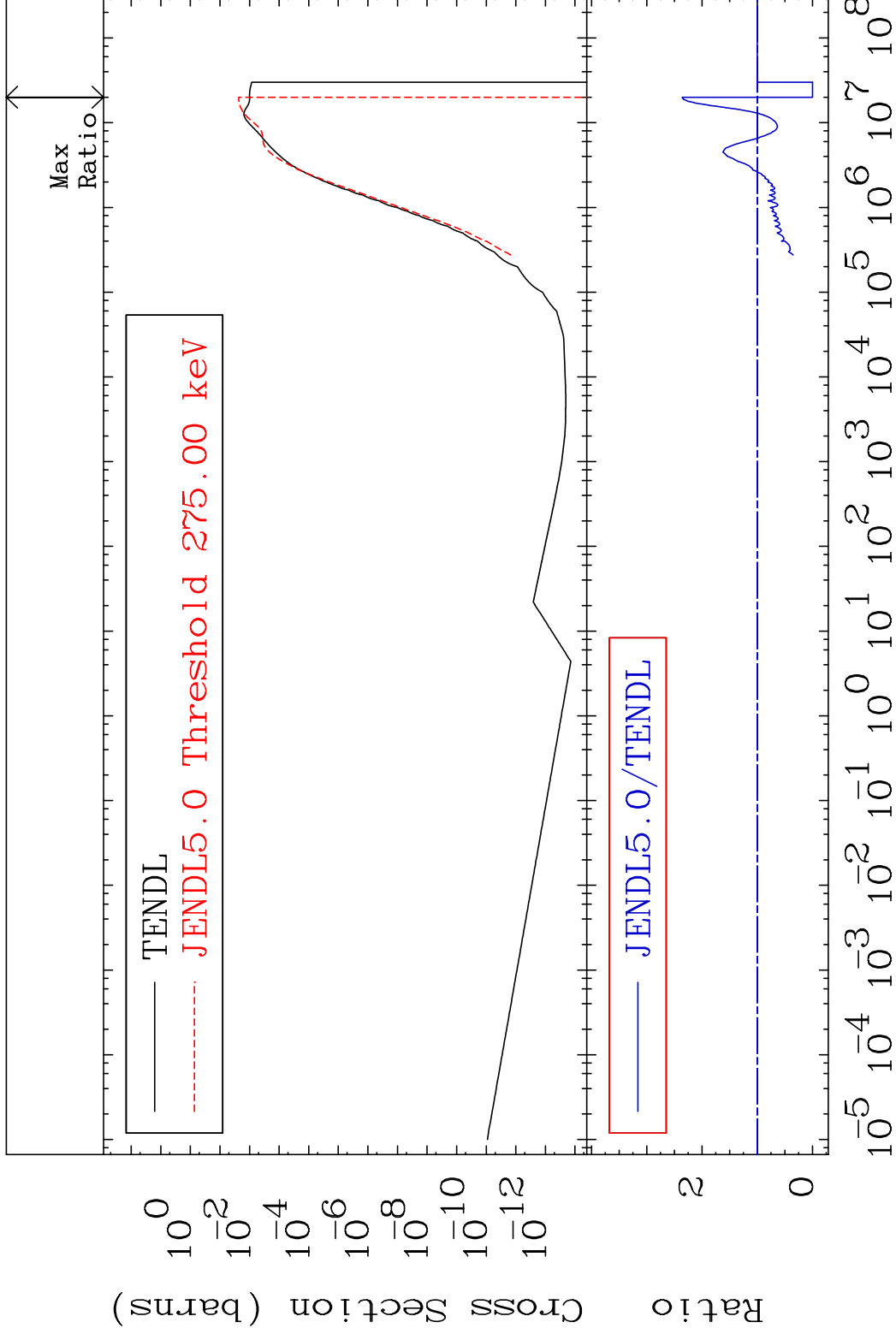
MAT 4725

(n, p)

47-Ag-107

Cross Section

-100.0 To 135.9 %

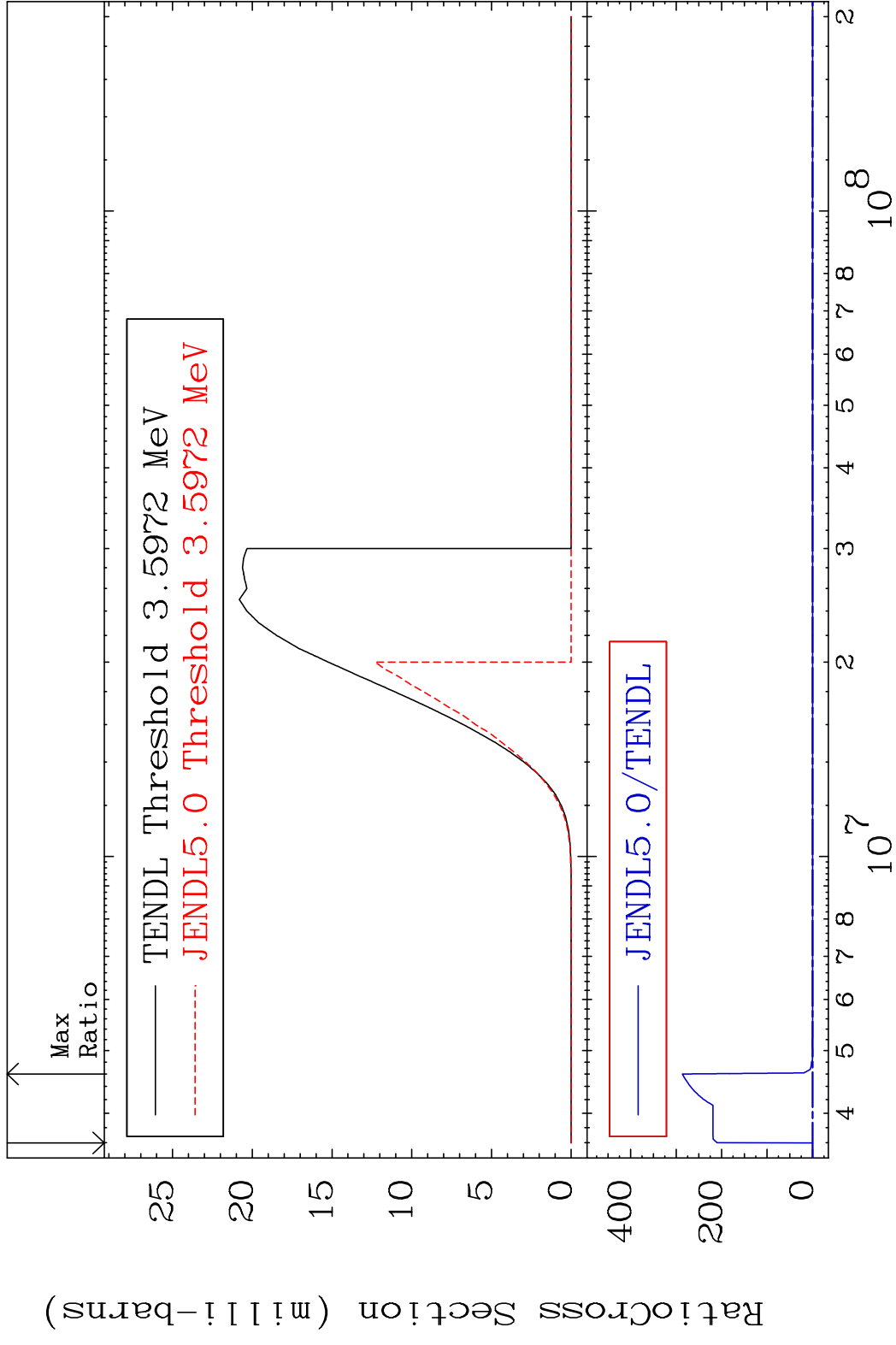


32

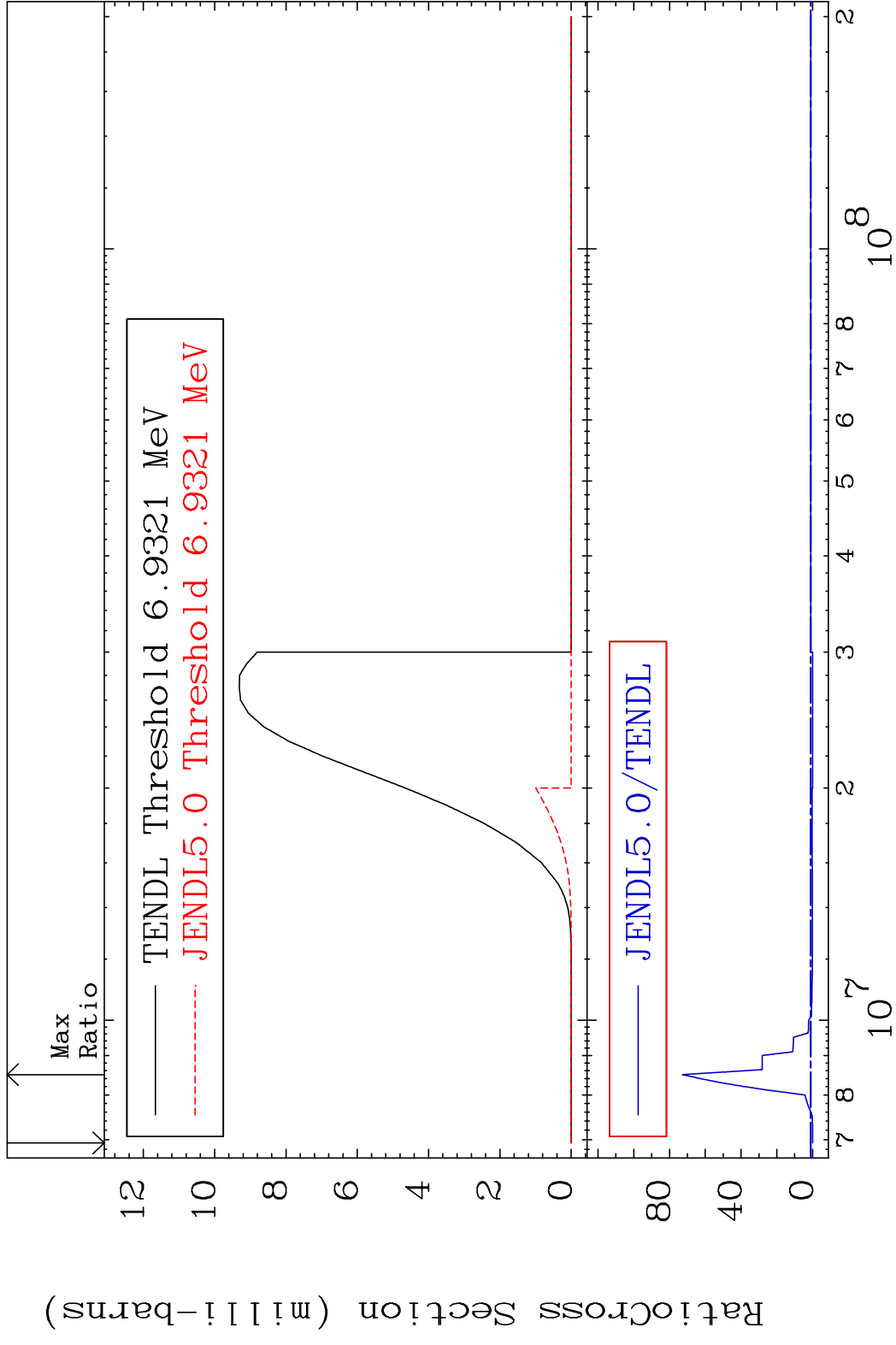
Incident Energy (eV)

47-Ag-107

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



MAT 4725 (n, t) 47-Ag-107
 Cross Section -100.0 To 7182. %

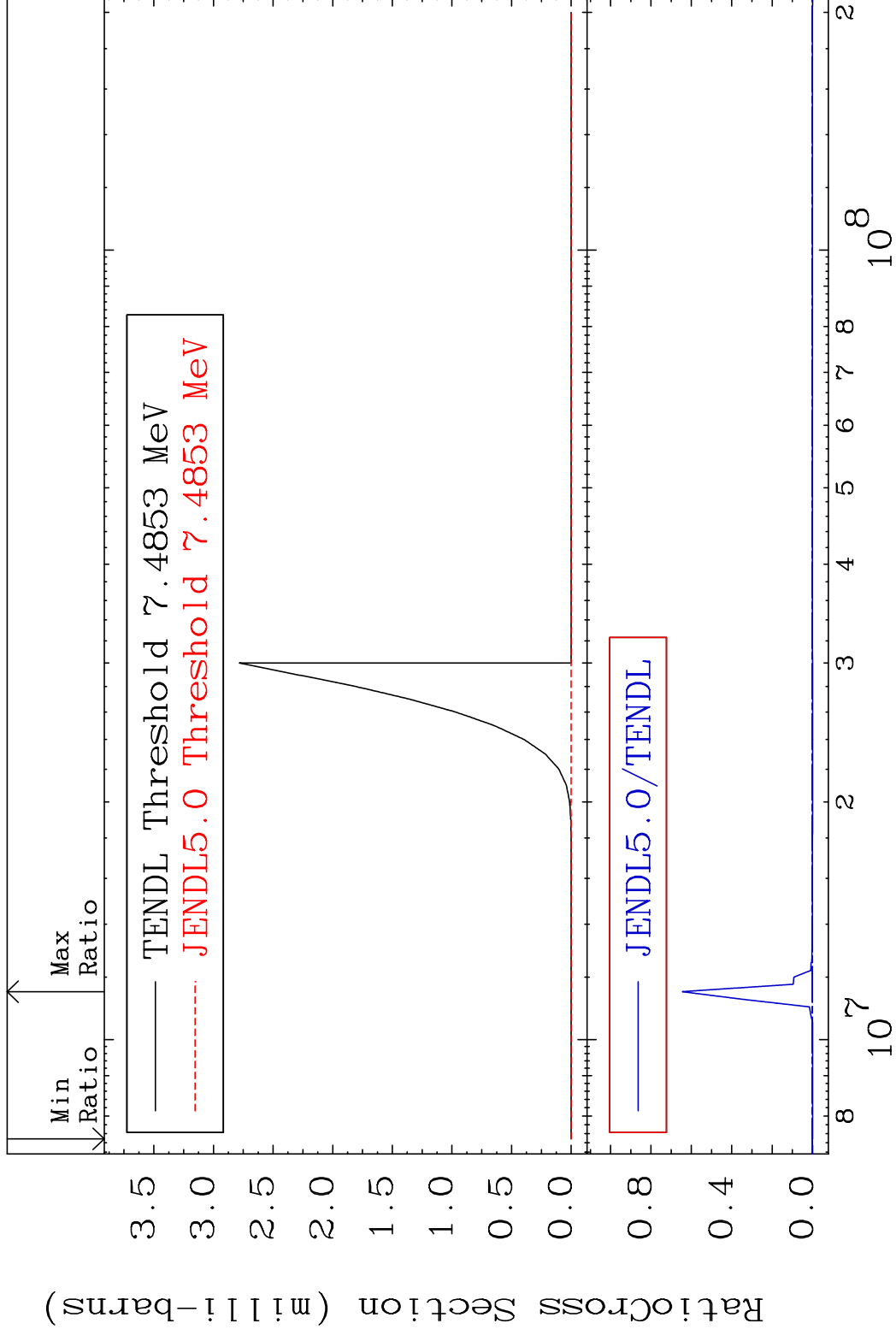


MAT 4725

(n, He-3)

47-Ag-107

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

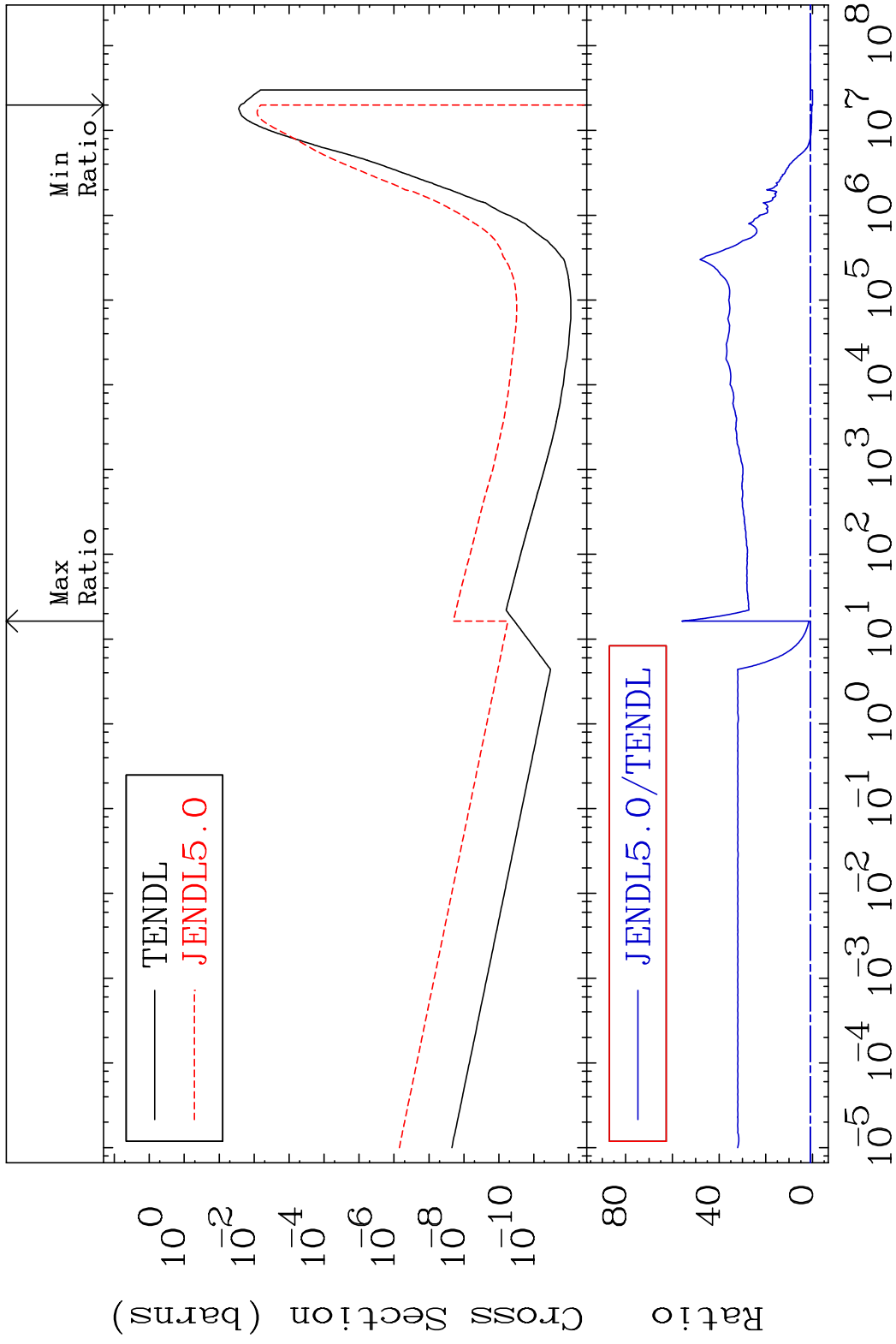
47-Ag-107

MAT 4725

(n, α)

47-Ag-107

Cross Section -100.0 To 5480. %

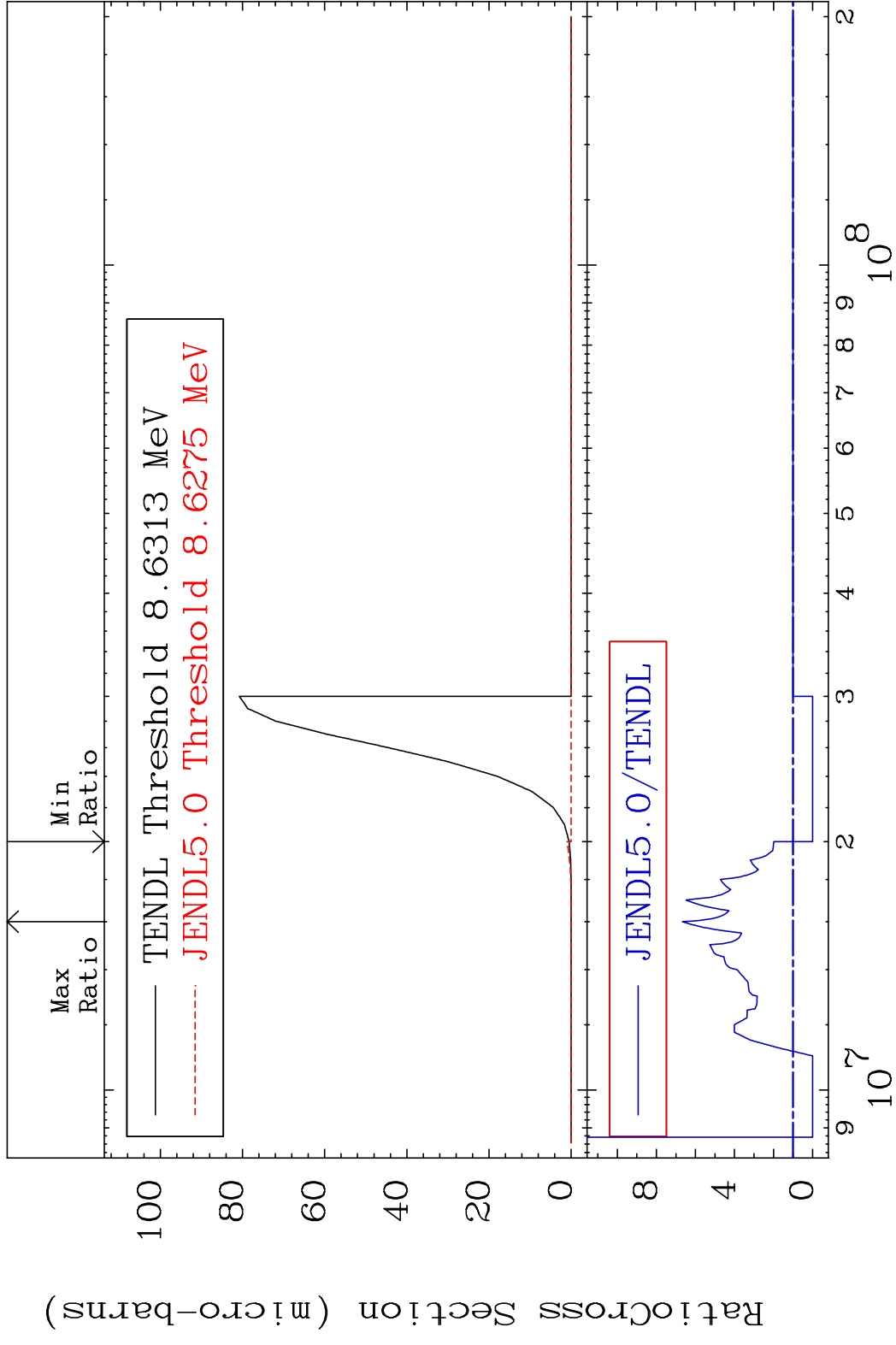


36

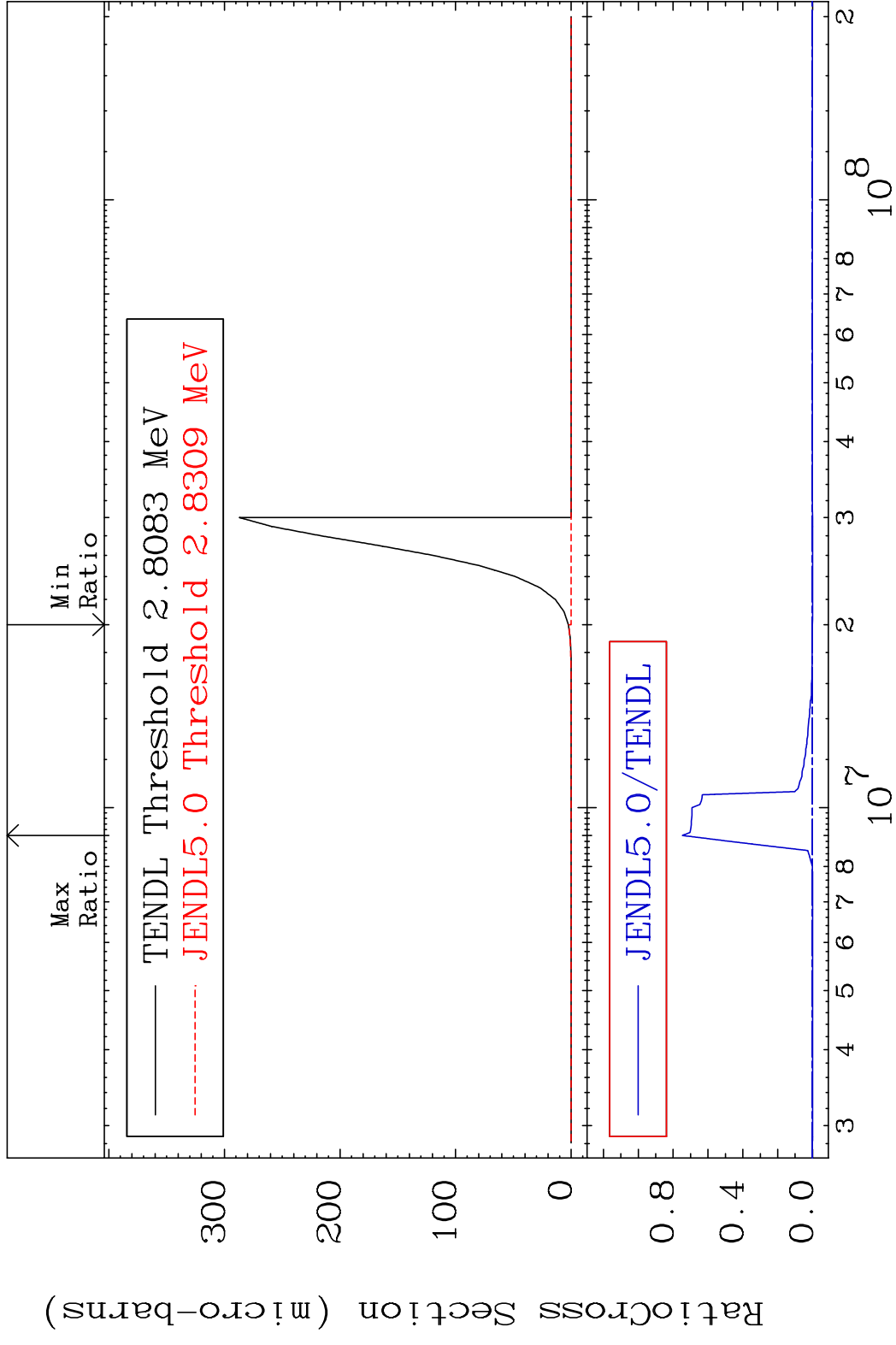
Incident Energy (eV)

47-Ag-107

MAT 4725 (n,2p) 47-Ag-107
 Cross Section -100.0 To 567.0 %



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



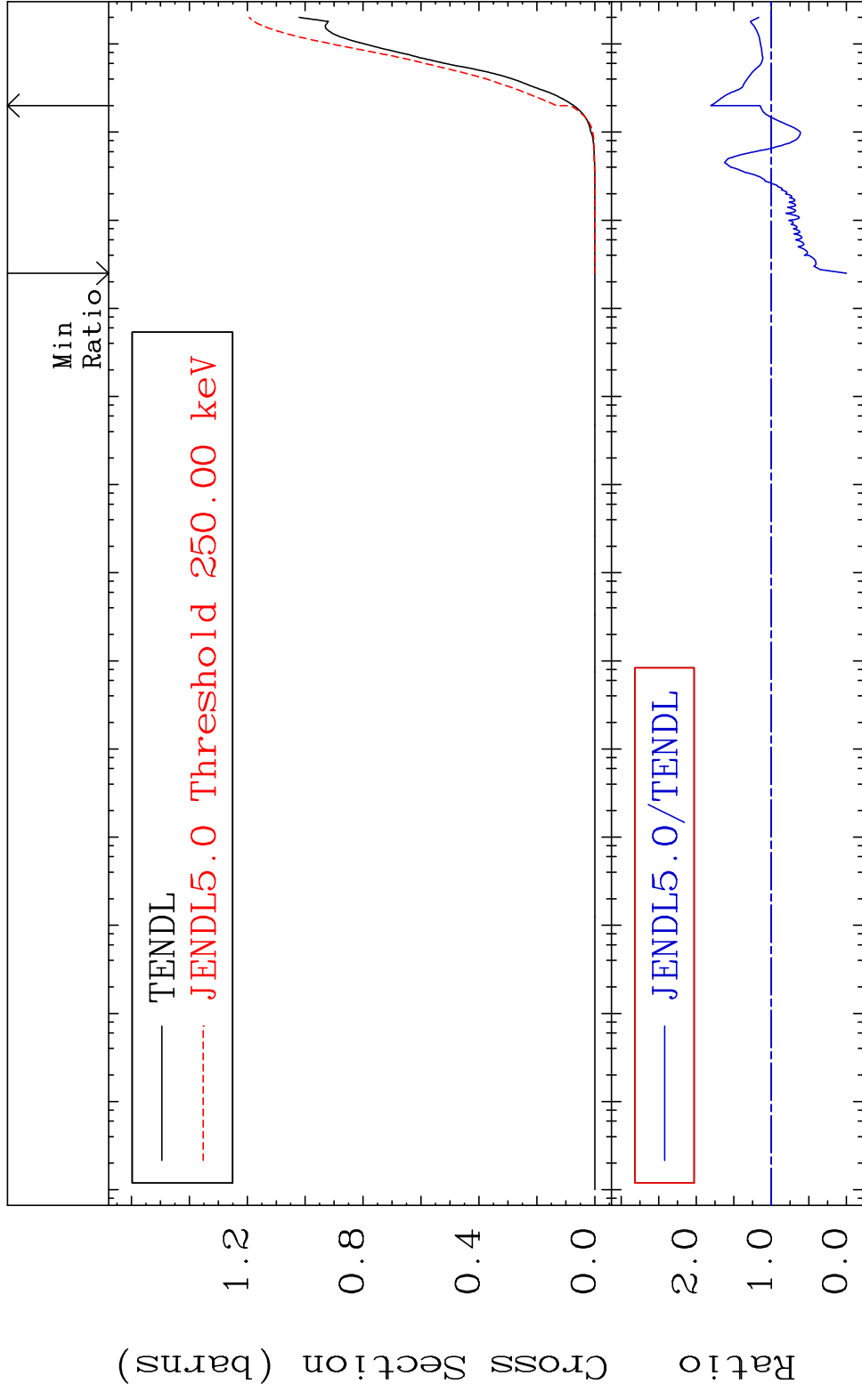
MAT 4725

Hydrogen Production

47-Ag-107

Cross Section

-100.0 To 80.65 %

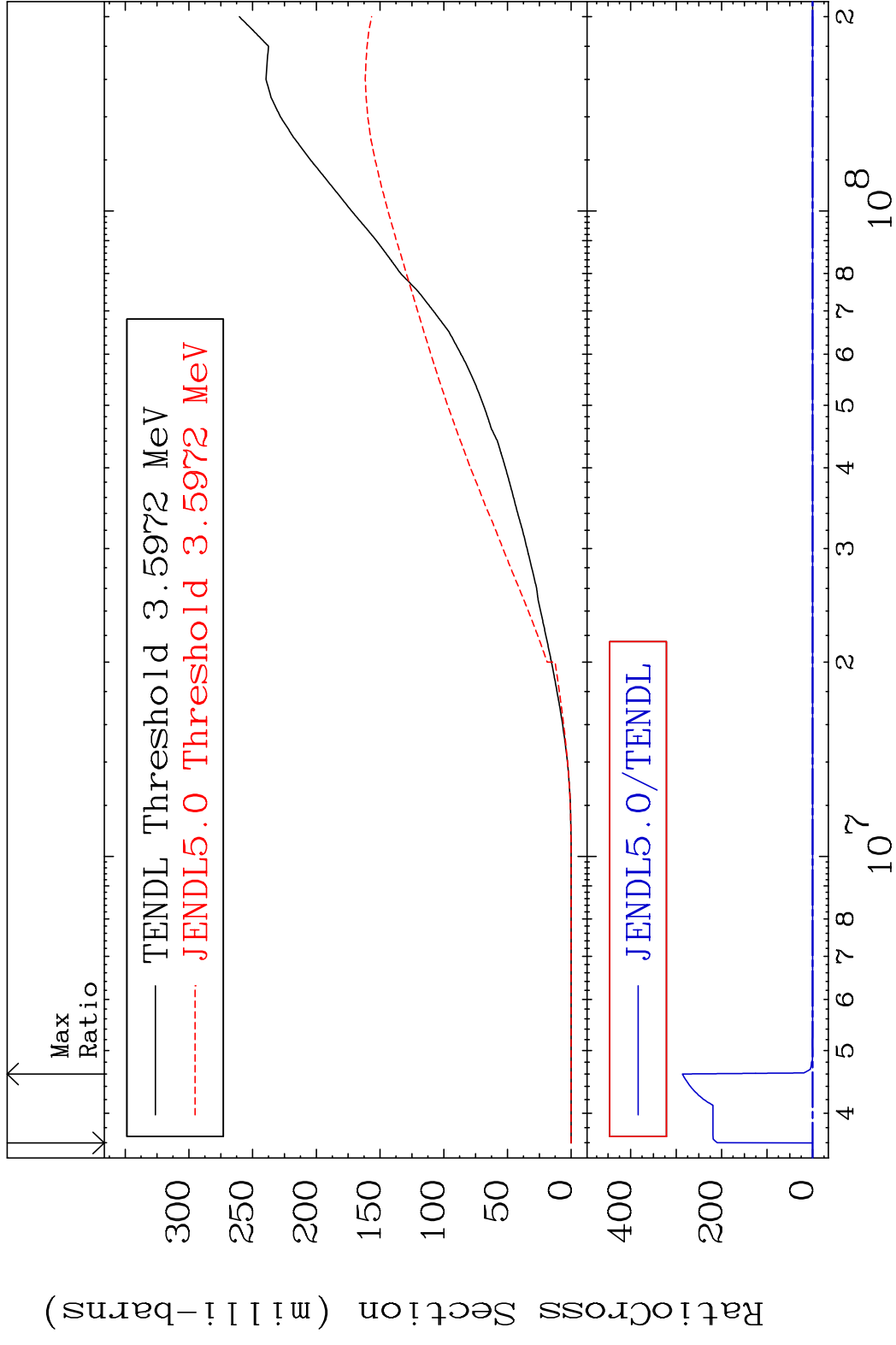


MAT 4725

Deuterium Production

47-Ag-107

Cross Section -100.0 To 9999. %

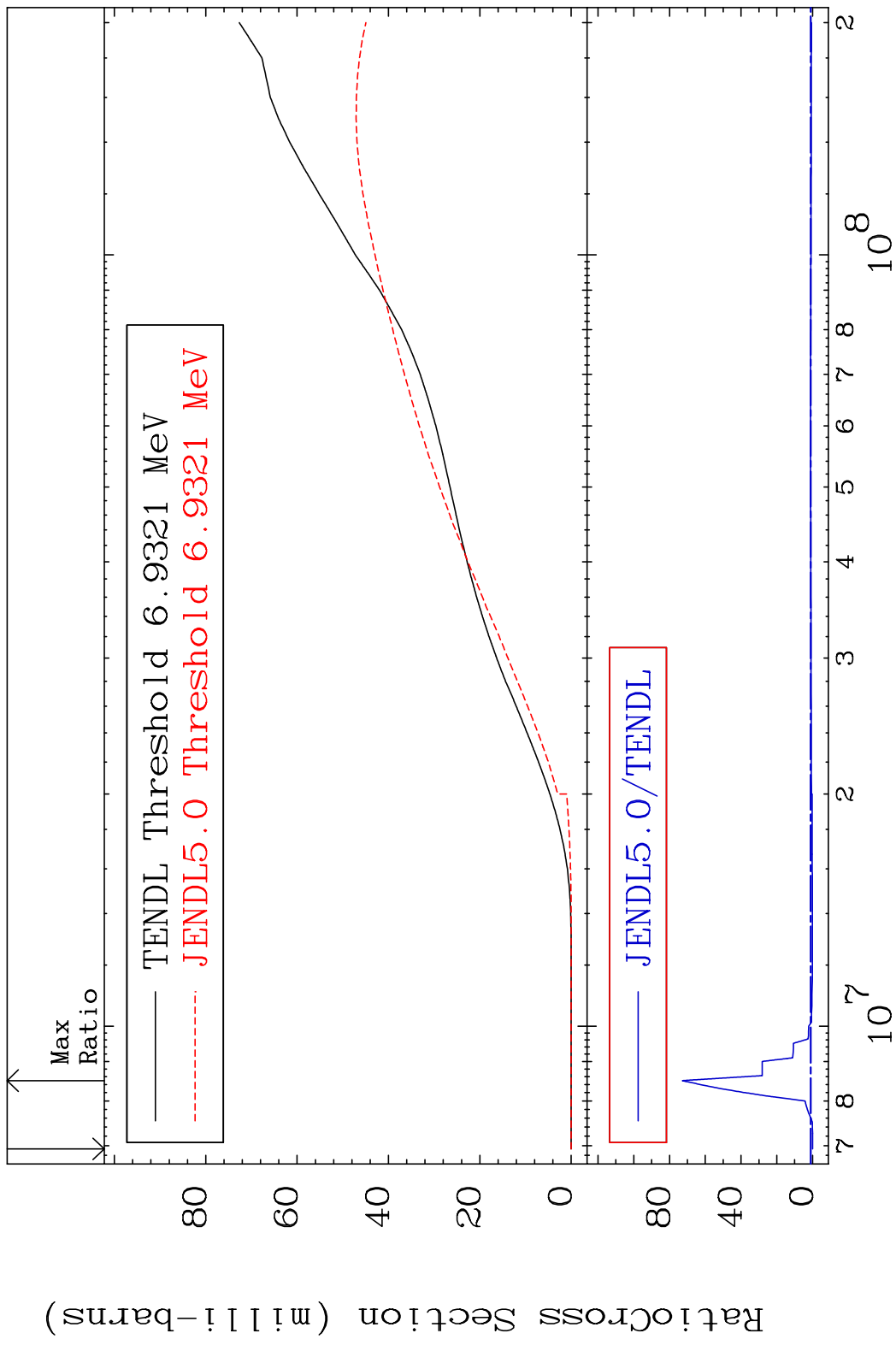


40

Incident Energy (eV)

47-Ag-107

MAT 4725 Tritium Production 47-Ag-107
 Cross Section -100.0 To 7182. %

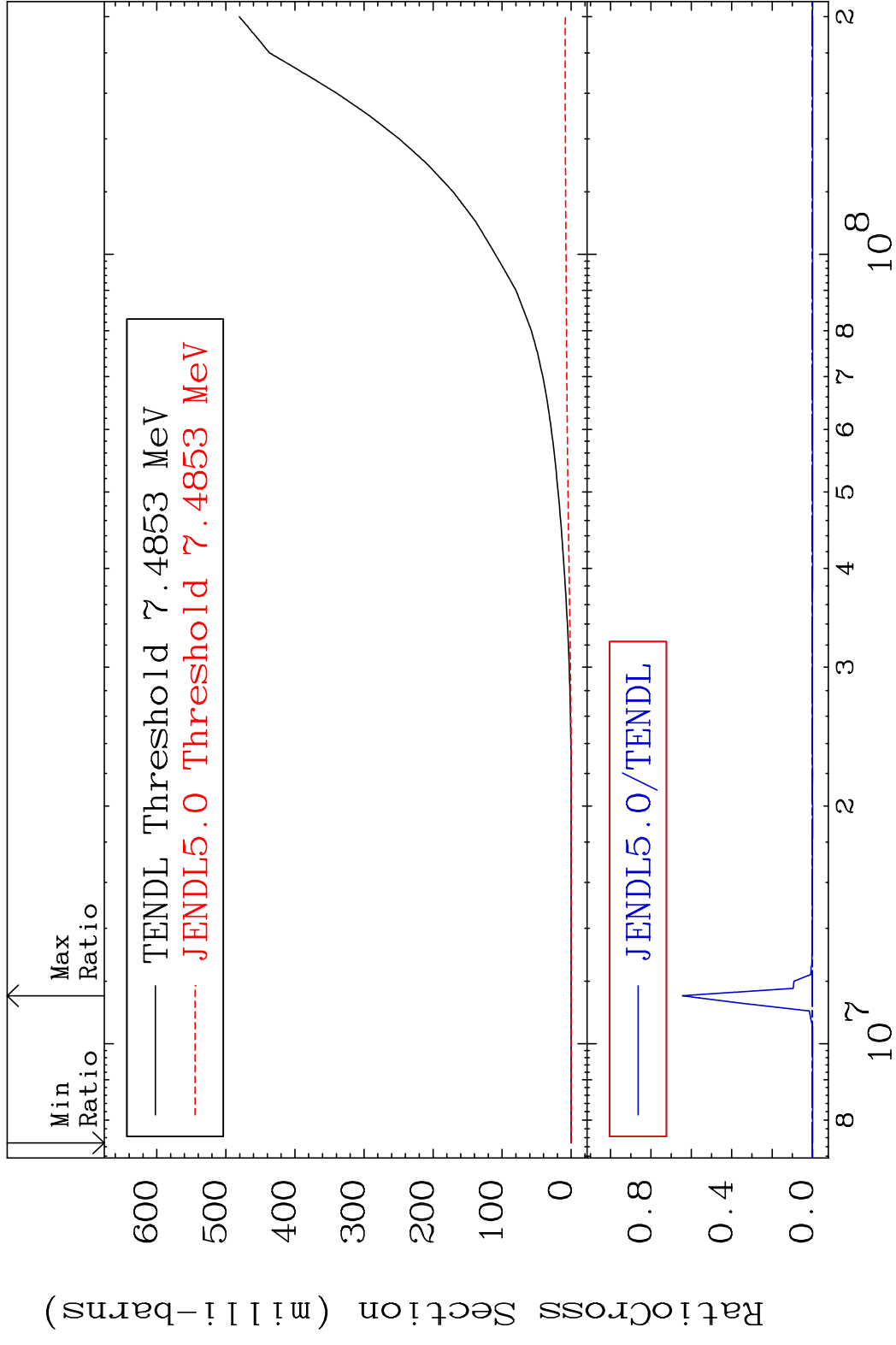


MAT 4725

He-3 Production

47-Ag-107

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

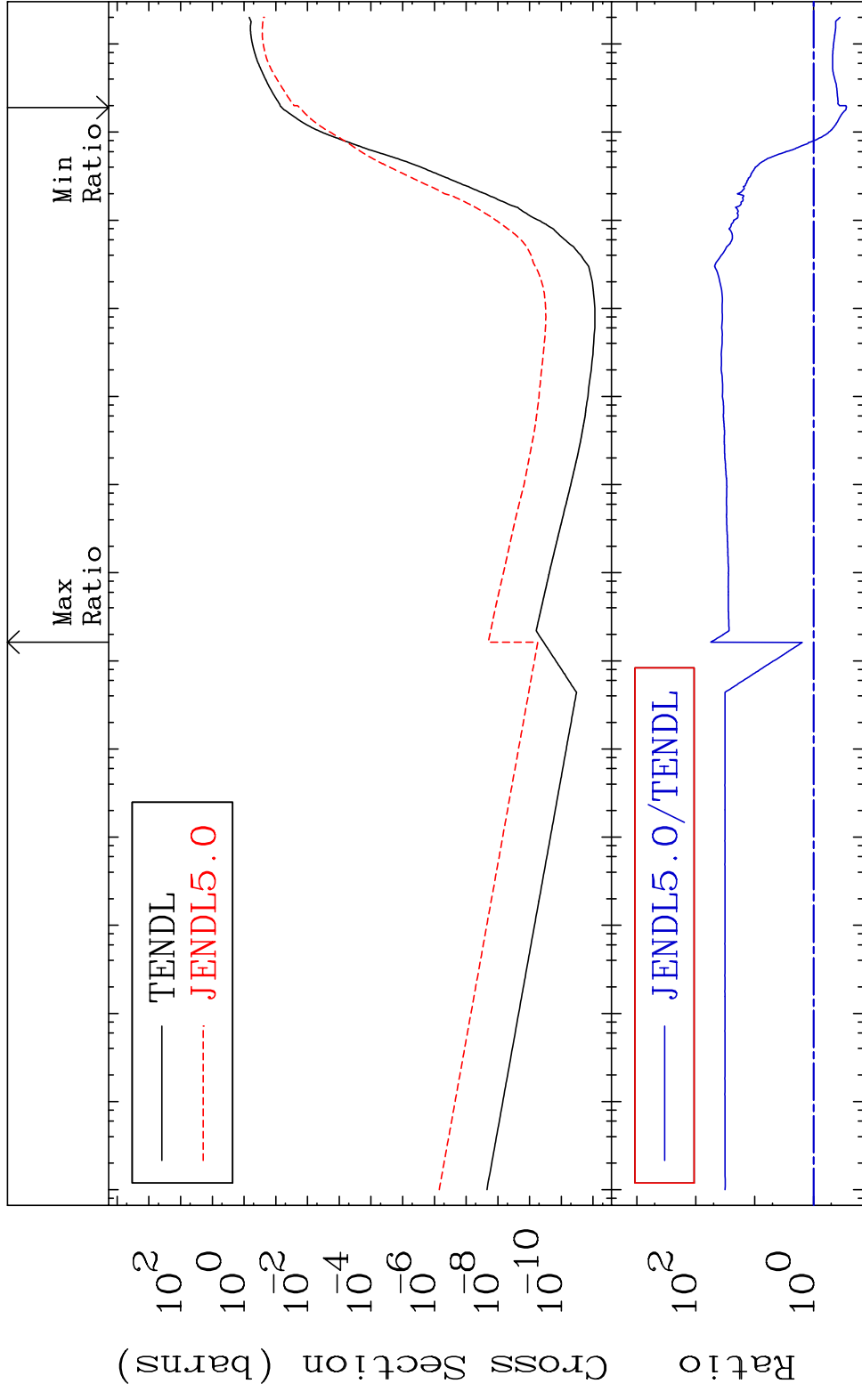
47-Ag-107

MAT 4725

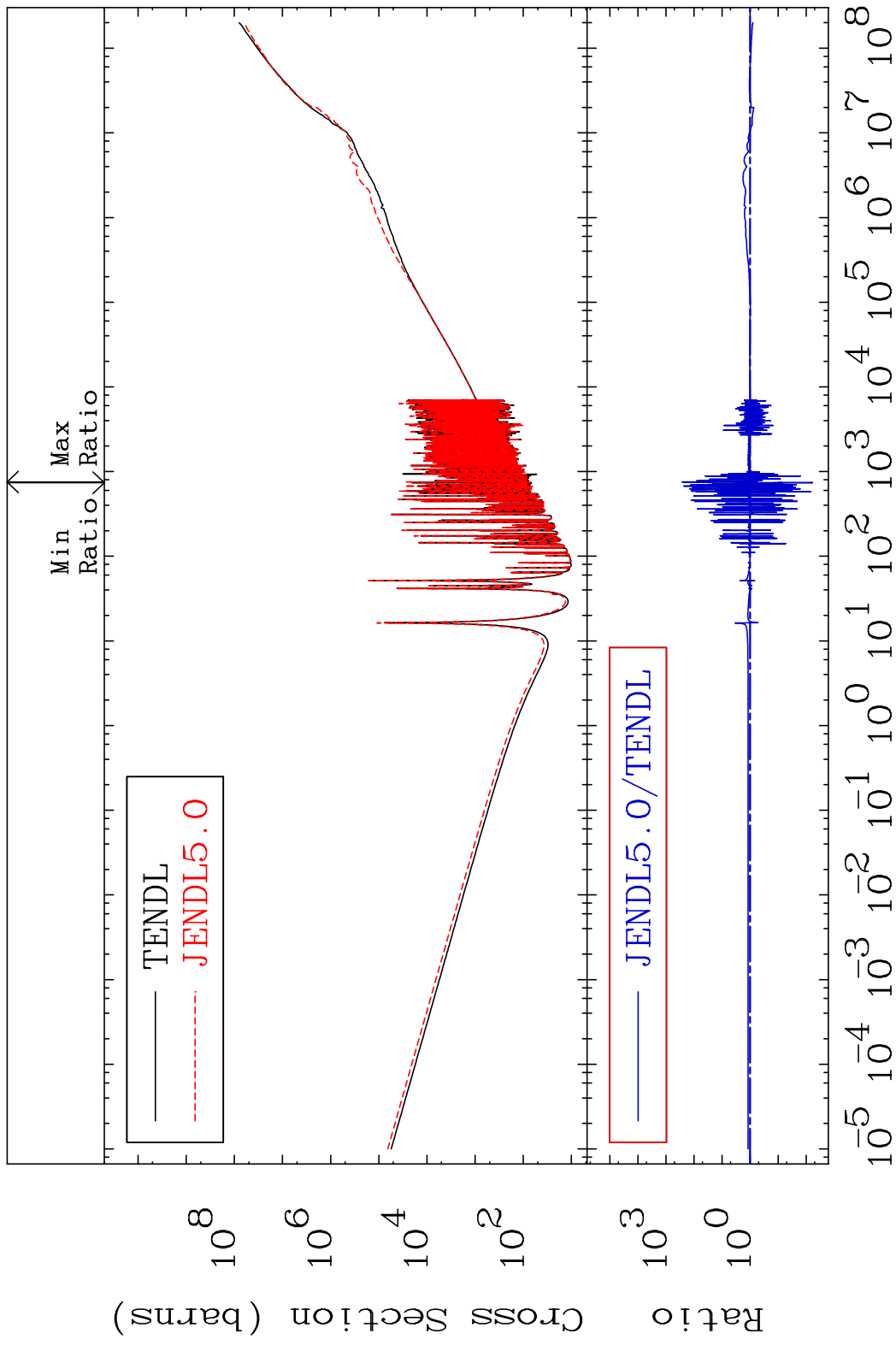
He-4 Production

47-Ag-107

Cross Section -72.25 To 5480. %



MAT 4725 Kerma total (eV-barns) 47-Ag-107
 Cross Section -99.41 To 9999. %

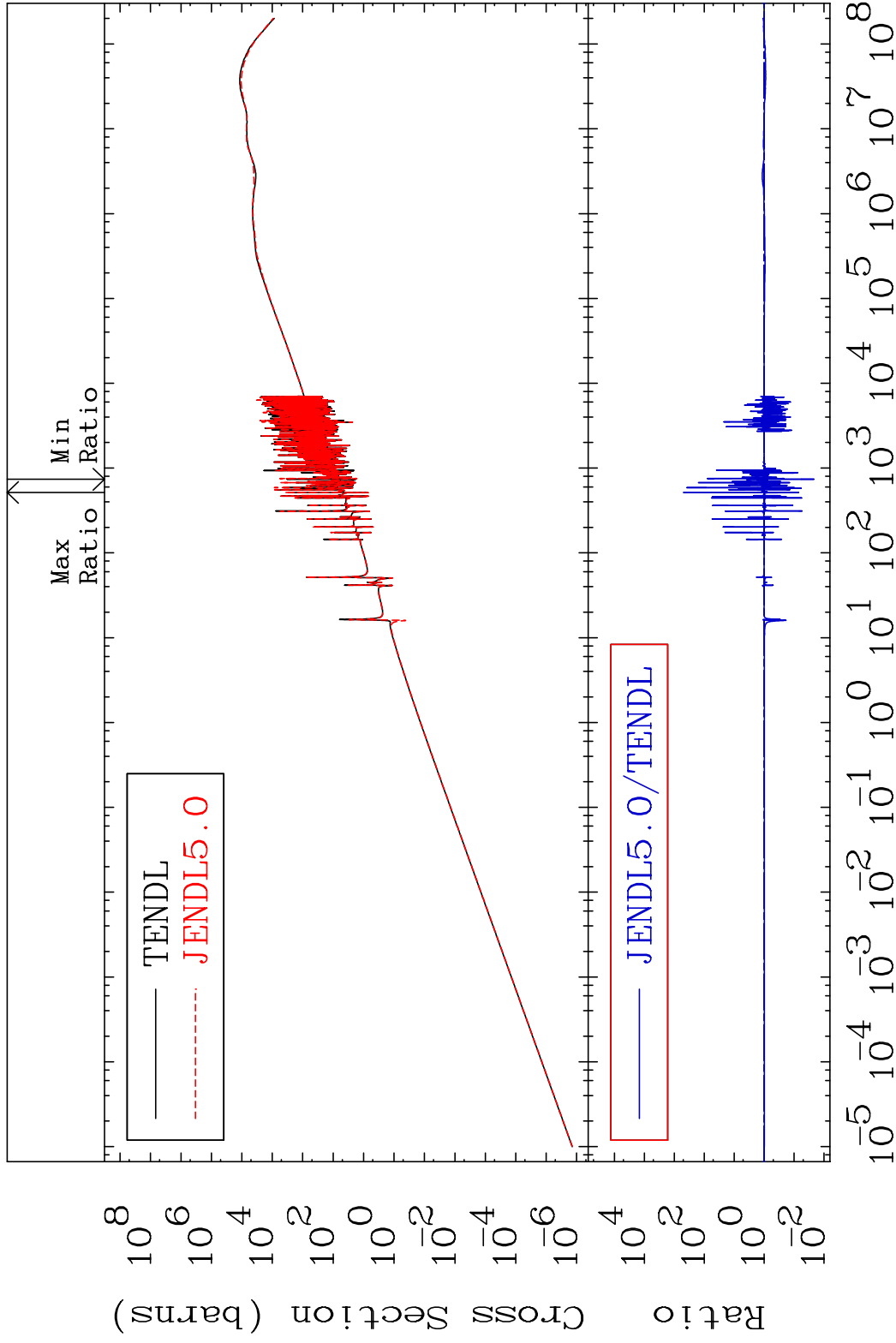


MAT 4725

Kerma elastic

47-Ag-107

Cross Section -97.86 To 9999. %

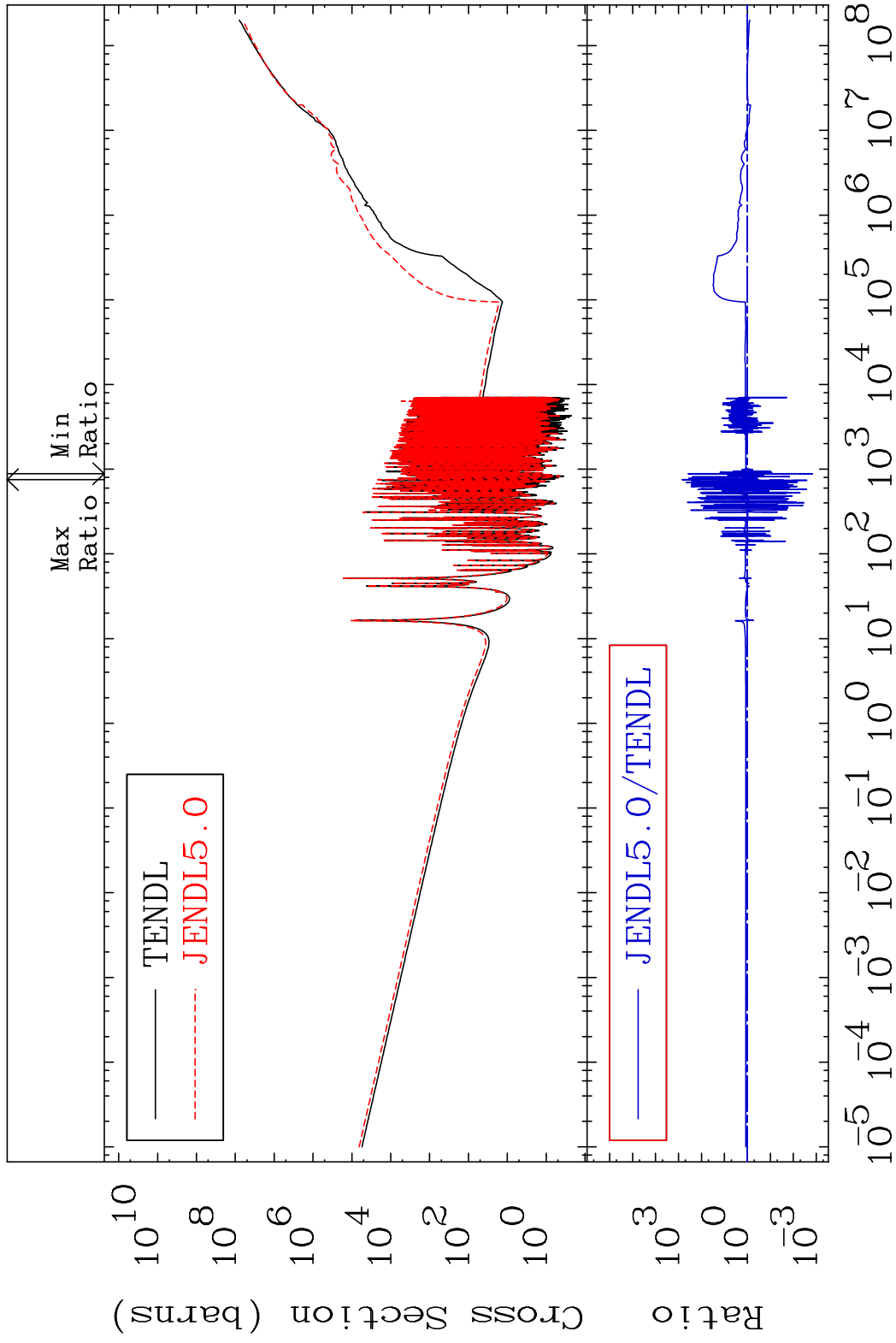


45

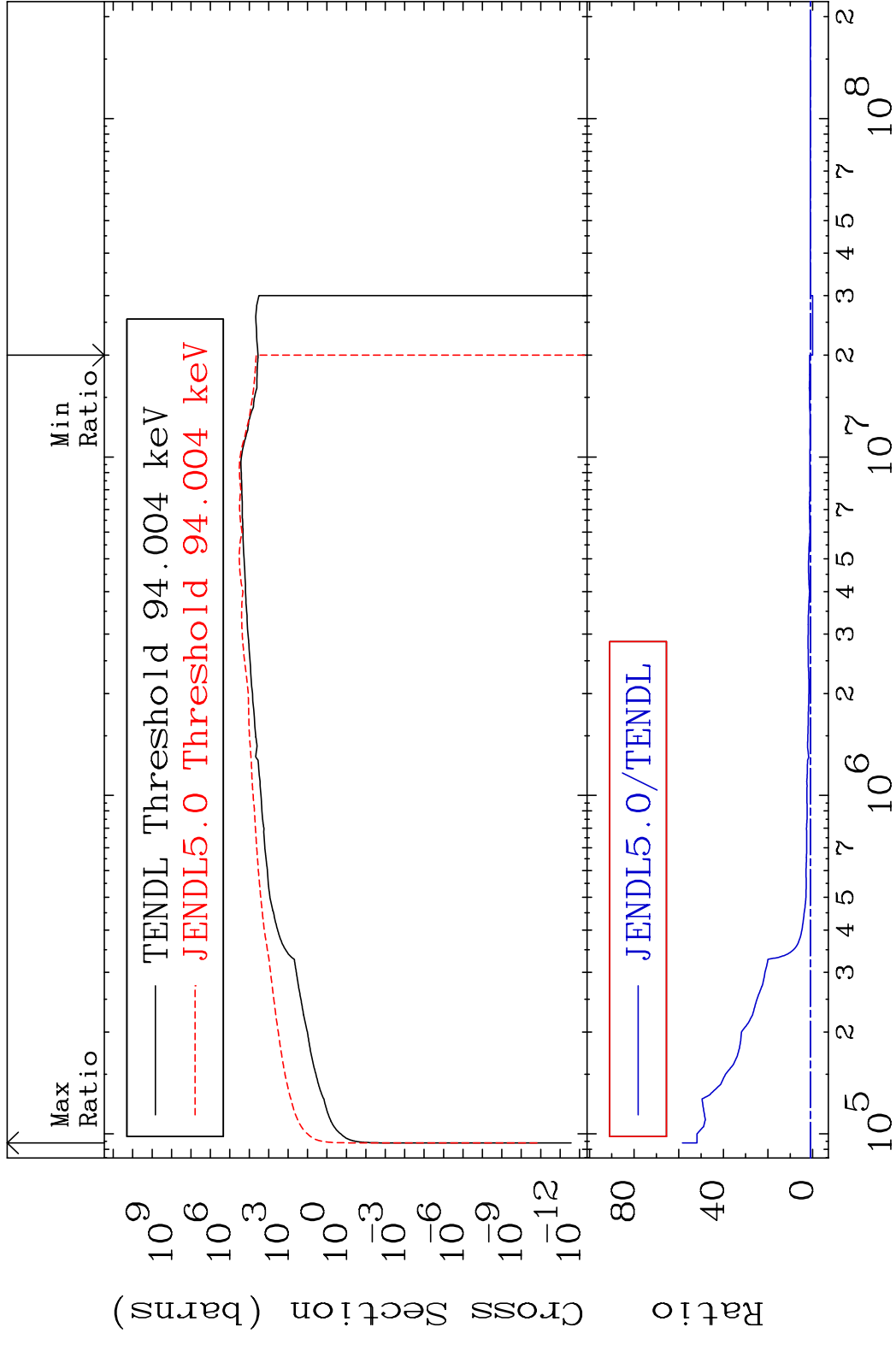
Incident Energy (eV)

47-Ag-107

MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107
 Cross Section -99.86 To 9999. %

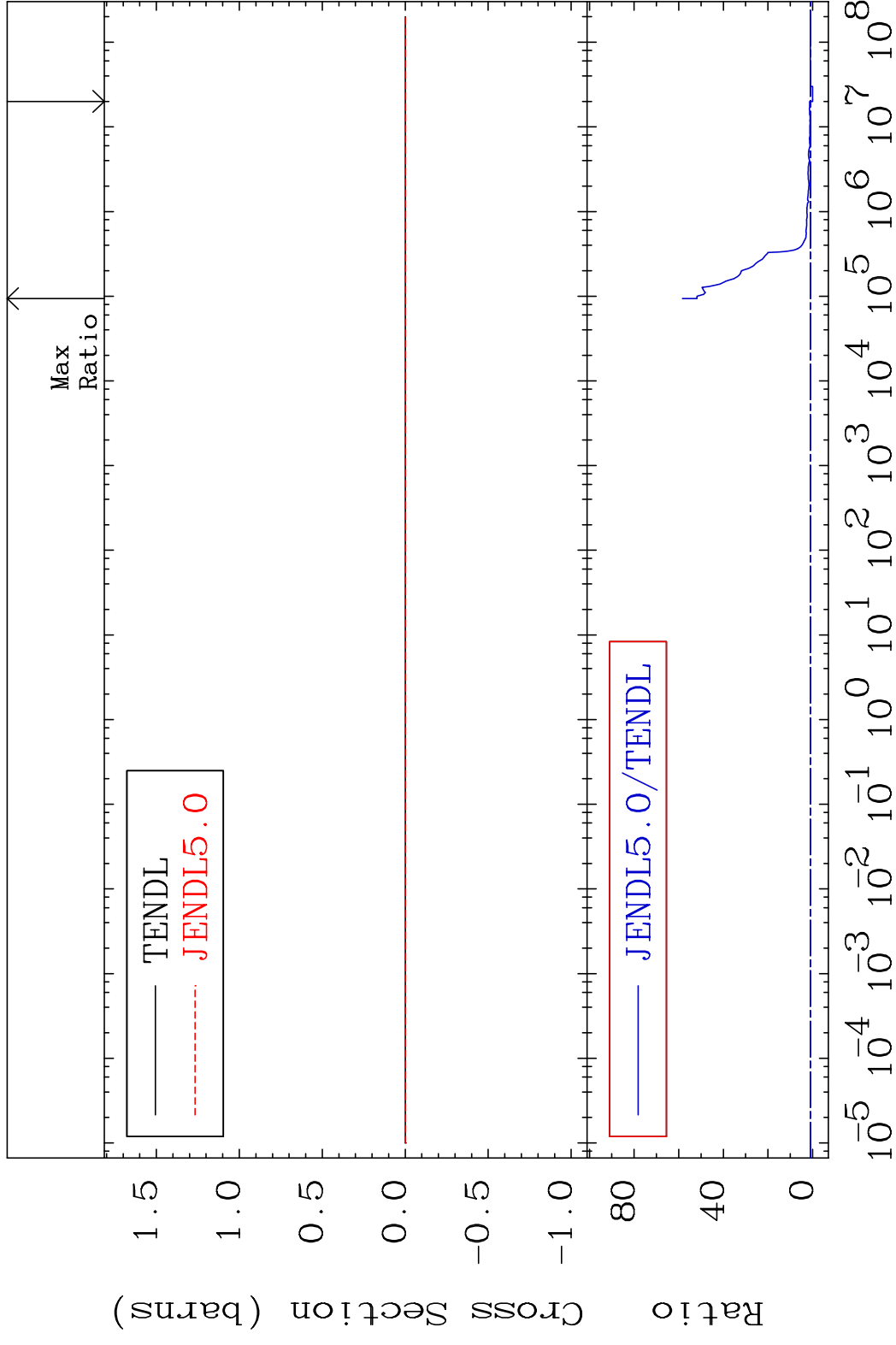


MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 5737. %



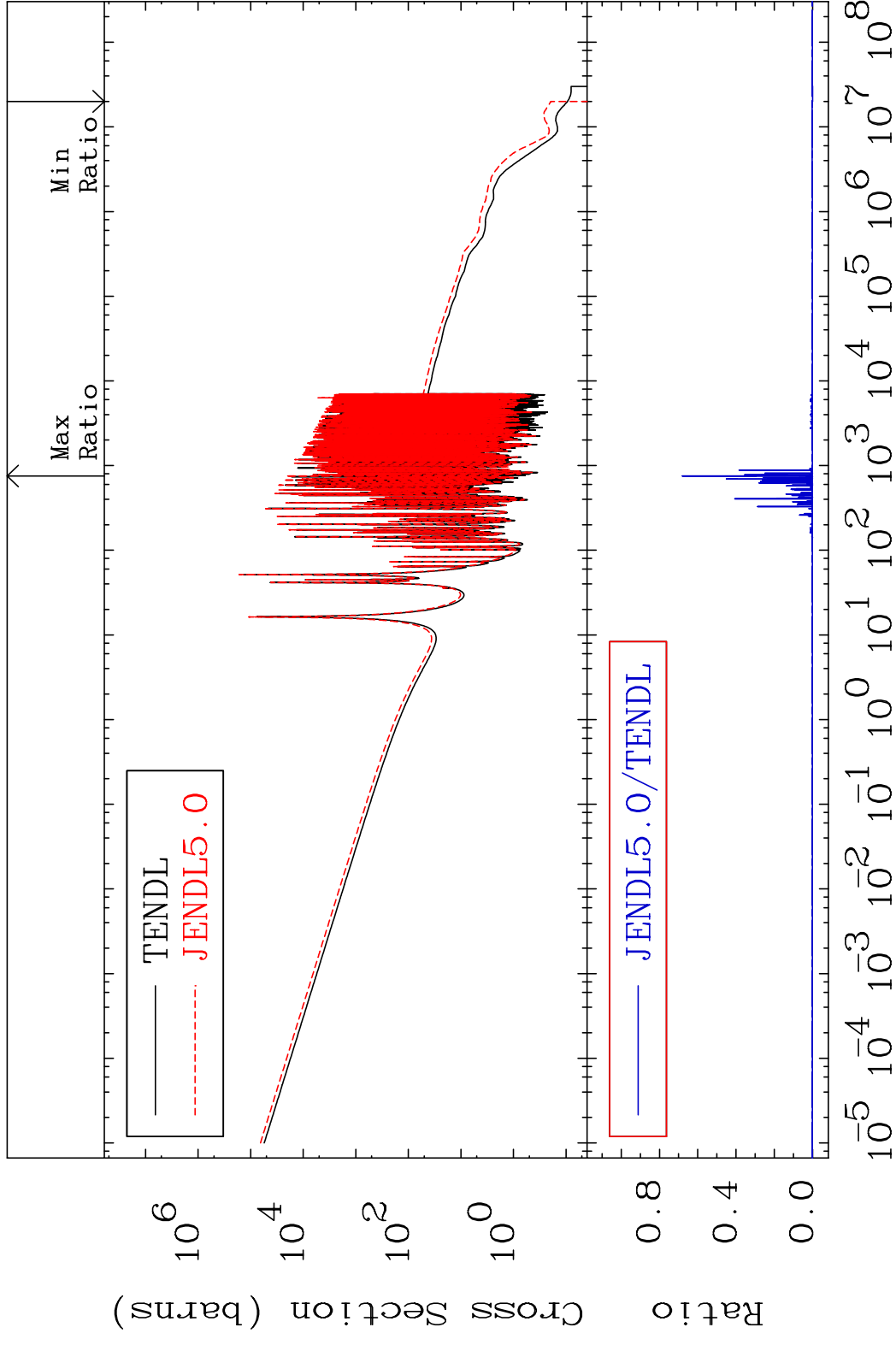
47 Incident Energy (eV) 47-Ag-107

MAT 4725 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-107
 Cross Section -100.0 To 5737. %

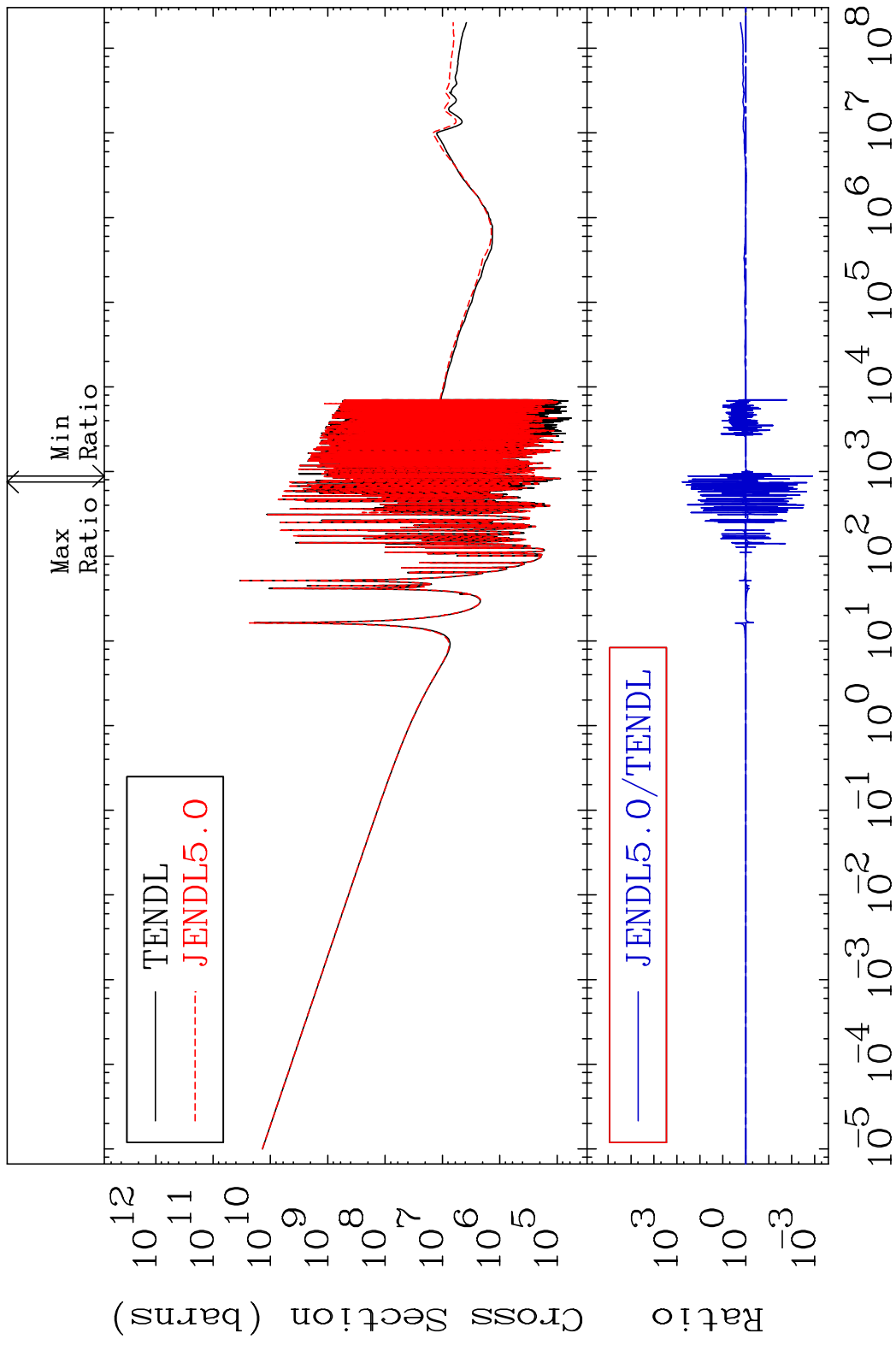


MAT 4725

Kerma capture (mt102) 47-Ag-107
Cross Section -100.0 To 9999. %

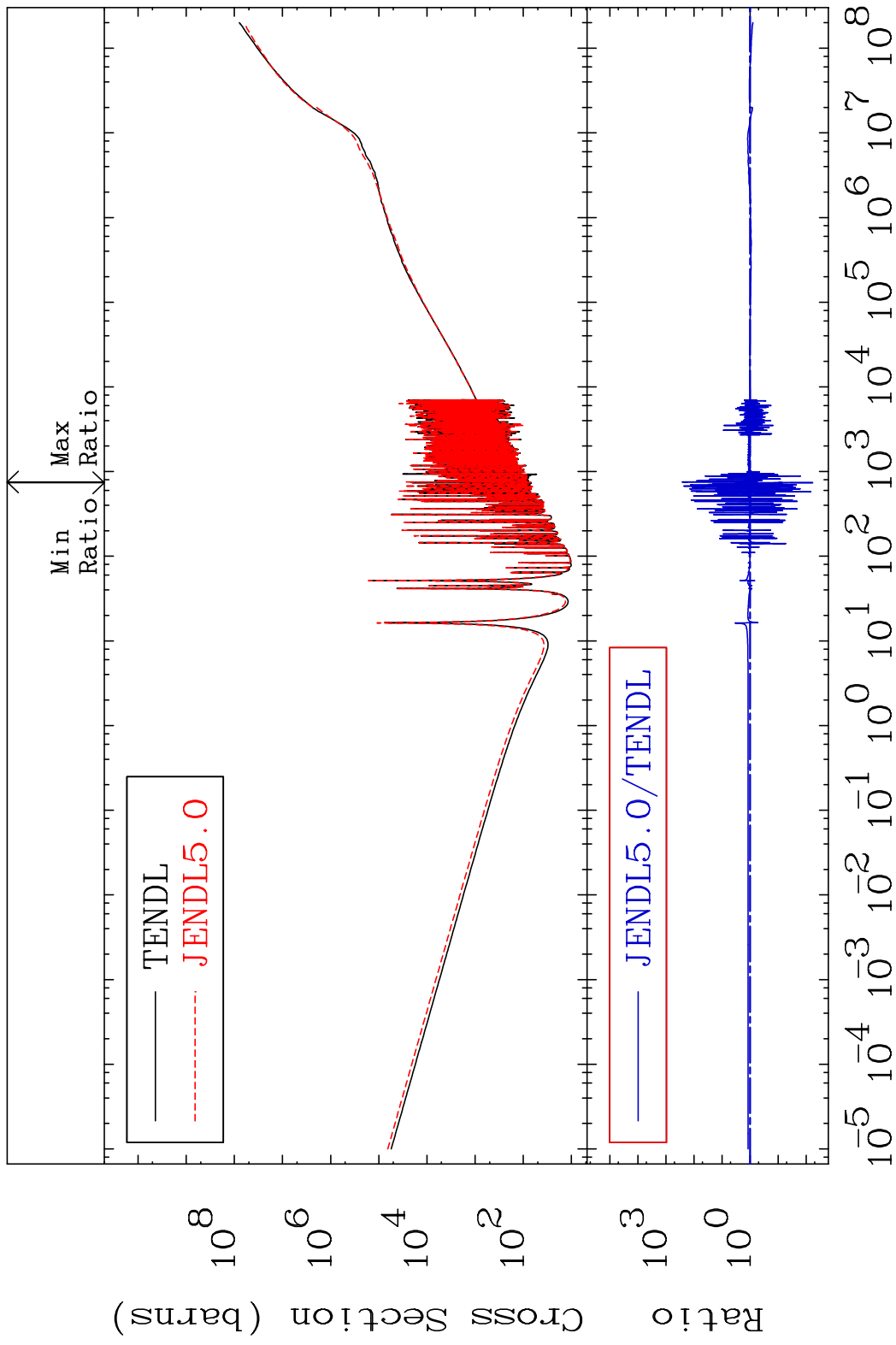


MAT 4725 Total photon (eV-barns) 47-Ag-107
Cross Section -99.88 To 9999. %

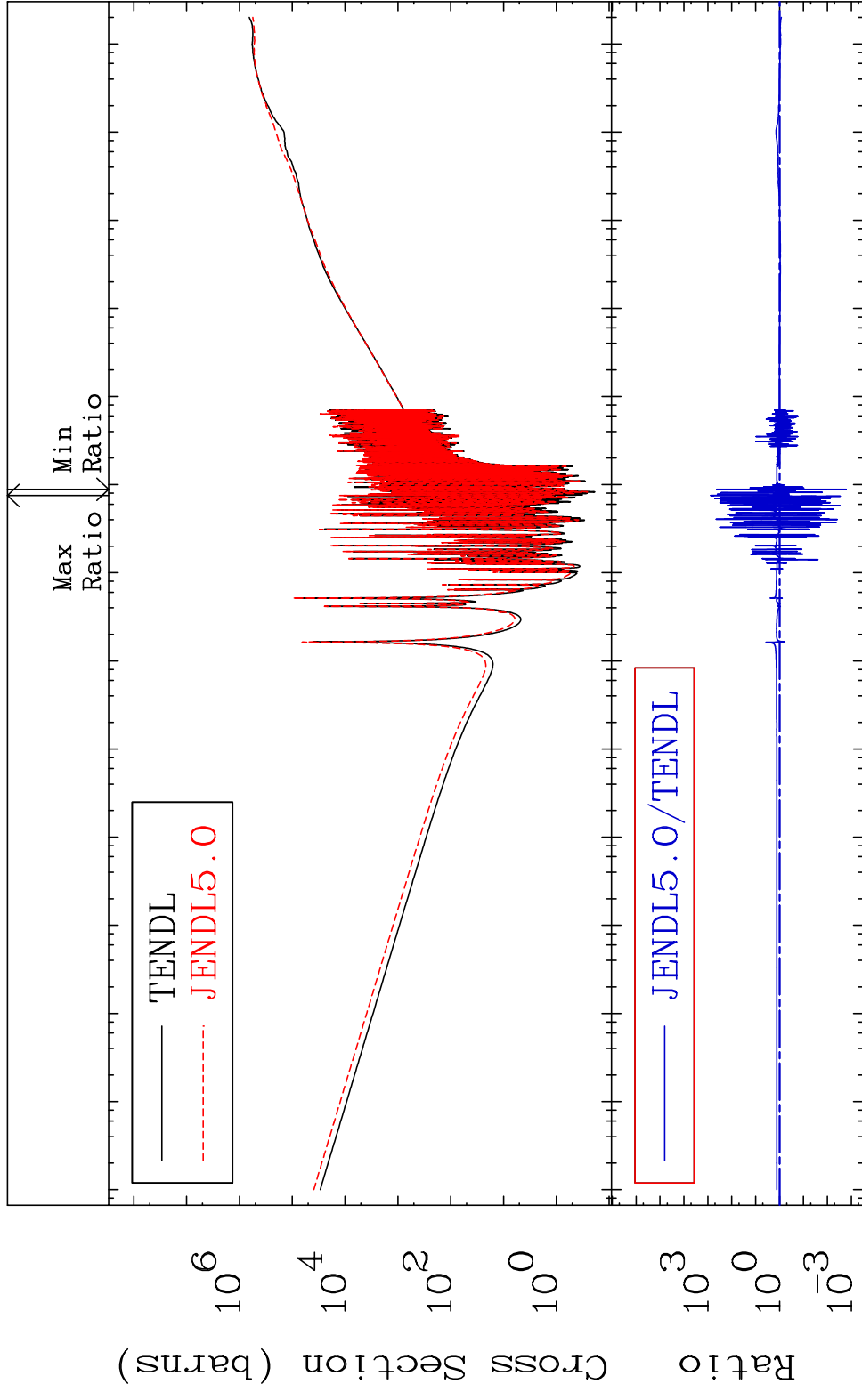


50 Incident Energy (eV) 47-Ag-107

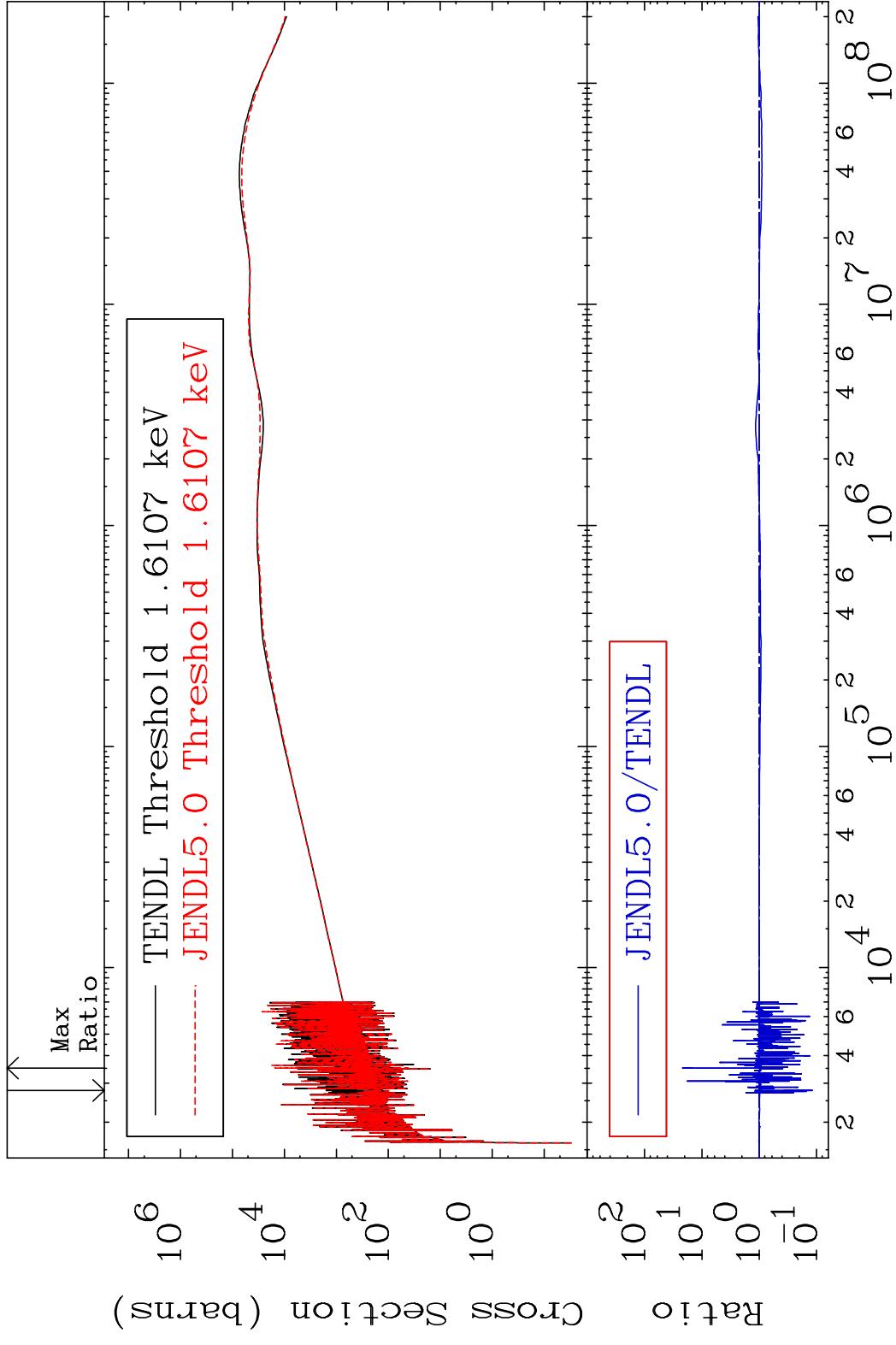
MAT 4725 Total kinematic kerma (high limit) 47-Ag-107
 Cross Section -99.41 To 9999. %



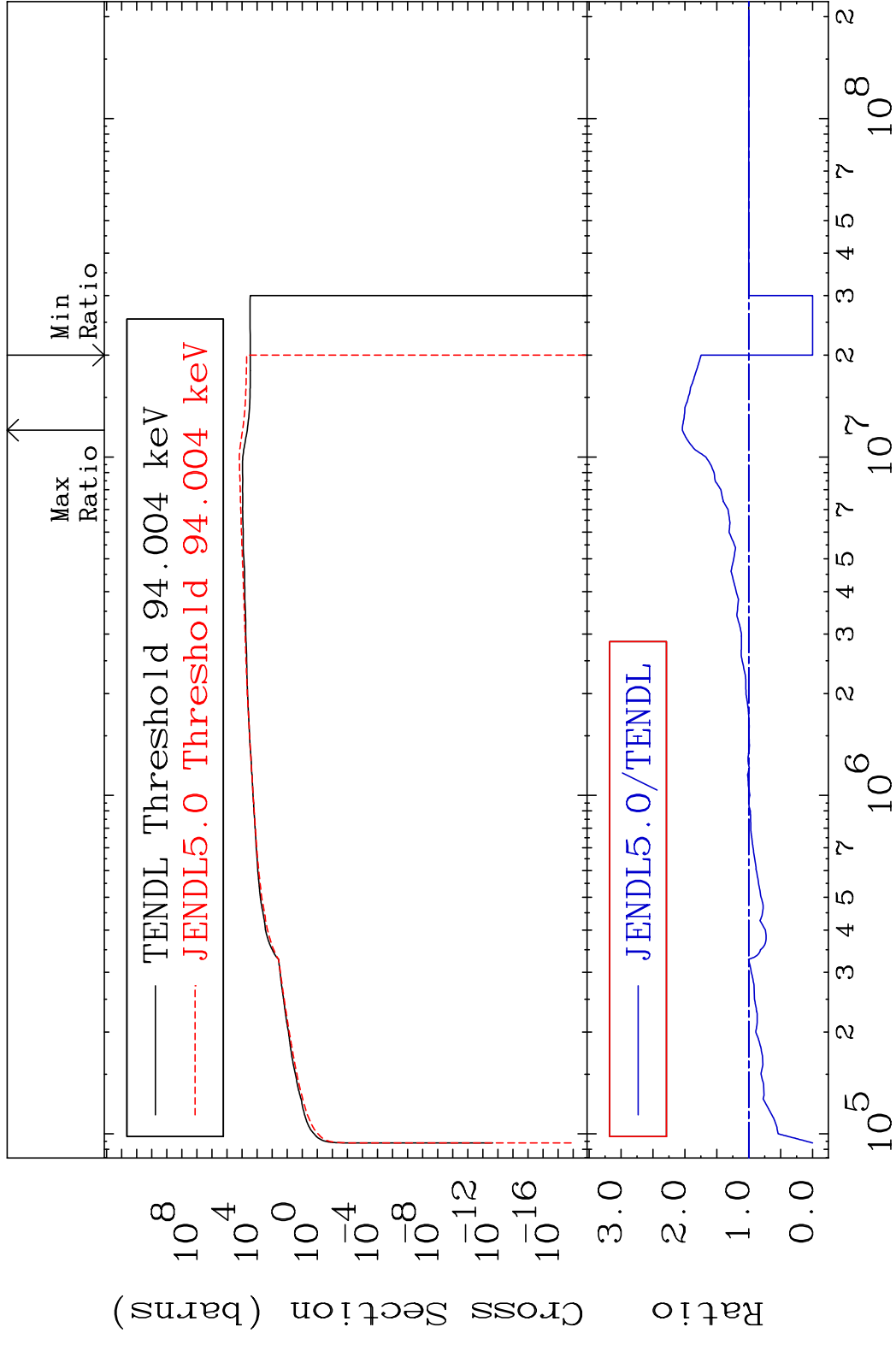
MAT 4725 Dpa total (eV-barns) 47-Ag-107
 Cross Section -99.84 To 9999. %



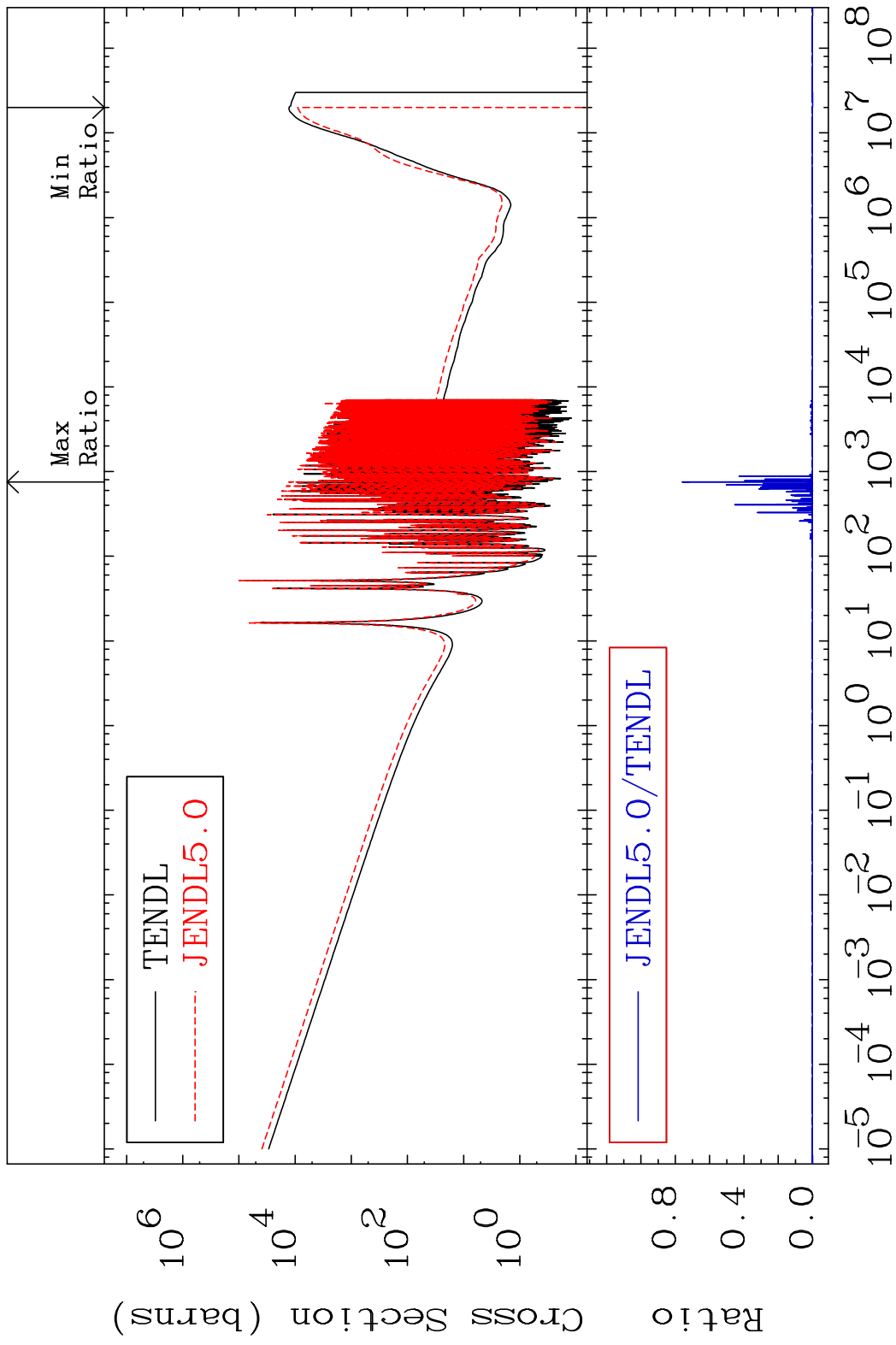
MAT 4725 Dpa elastic (mt2) 47-Ag-107
 Cross Section -88.27 To 2095. %

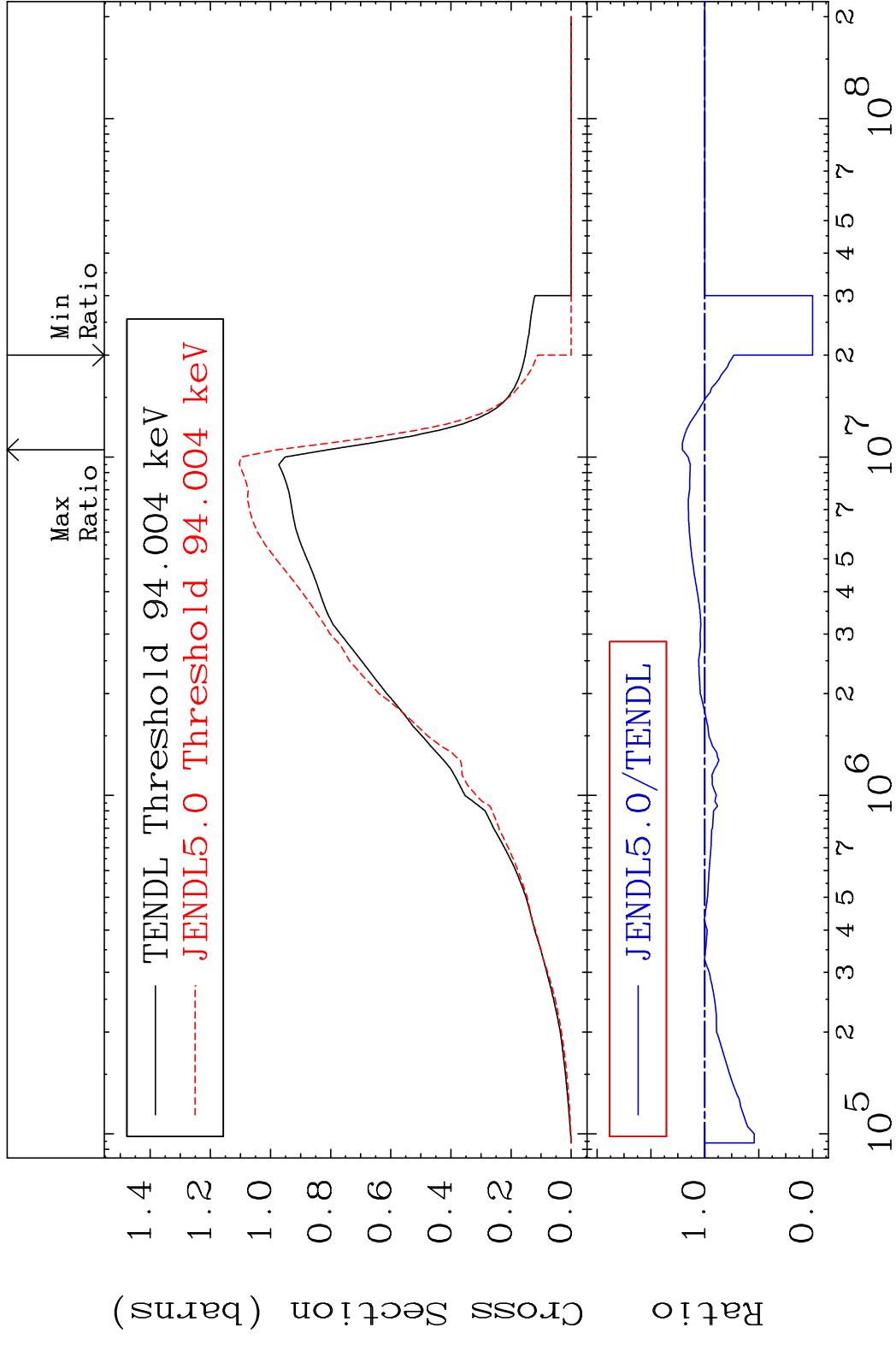


MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 104.0 %

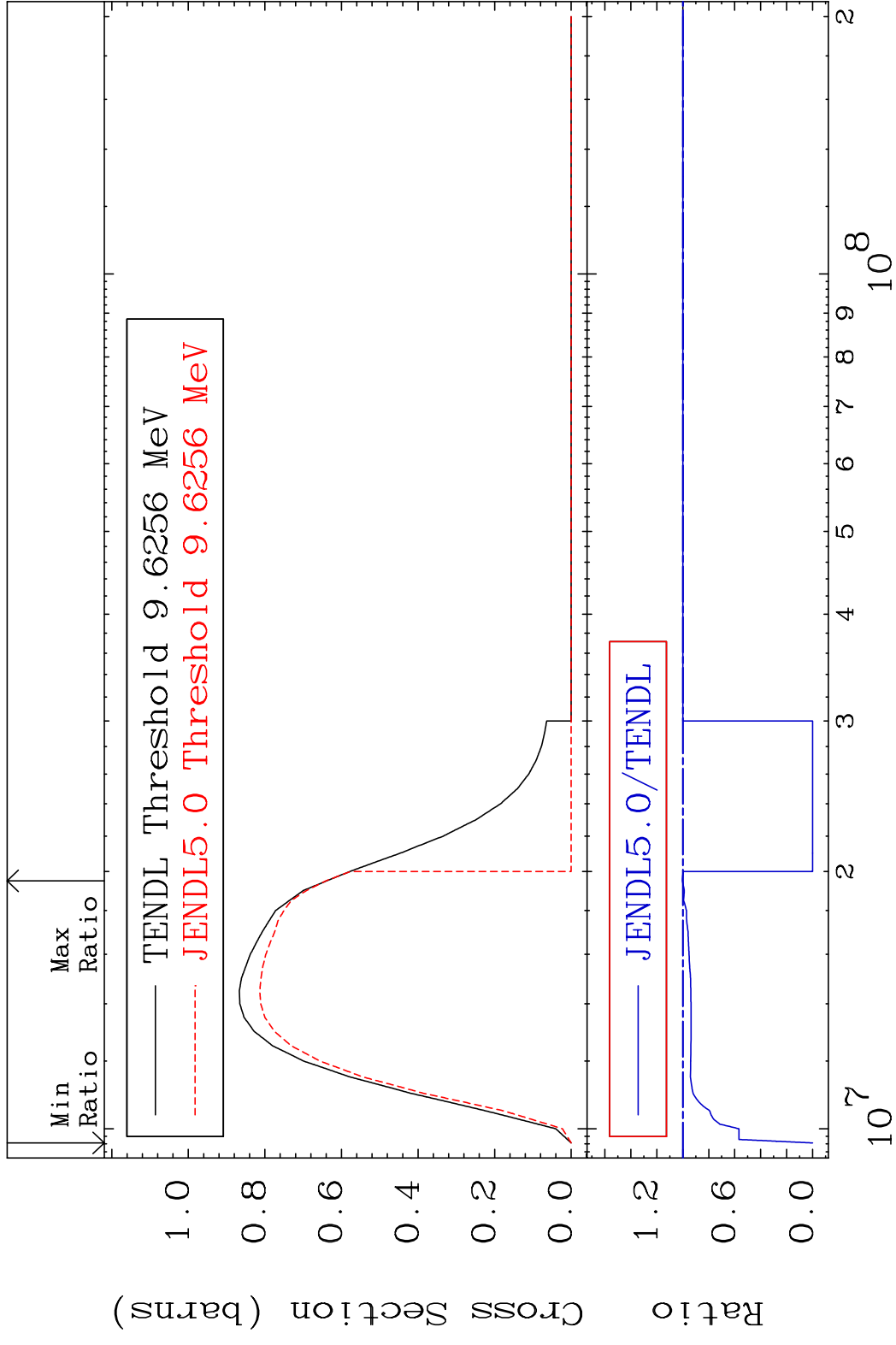


MAT 4725 Dpa disappearance (mt102 -120) 47-Ag-107
 Cross Section -100.0 To 9999. %

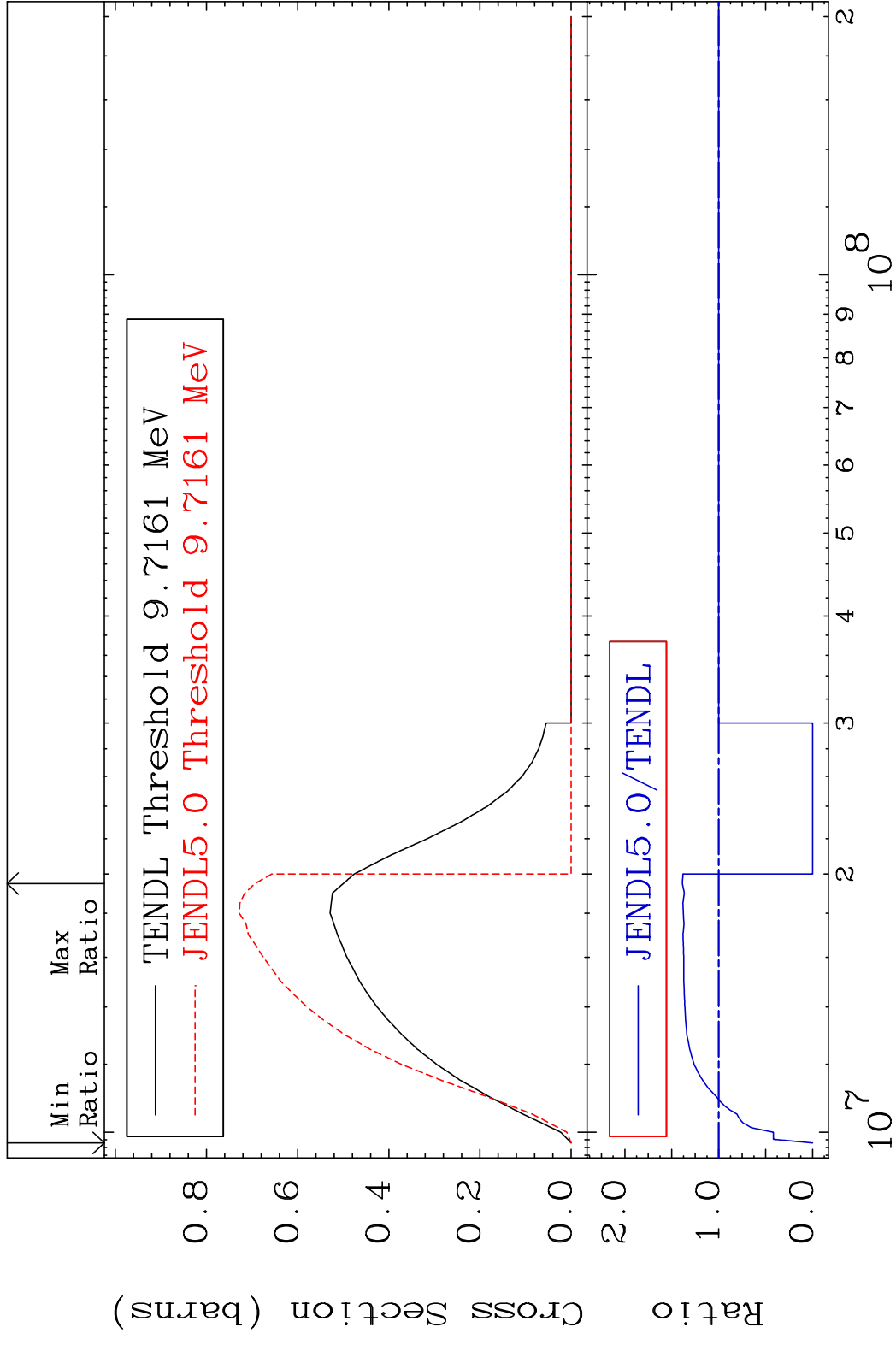




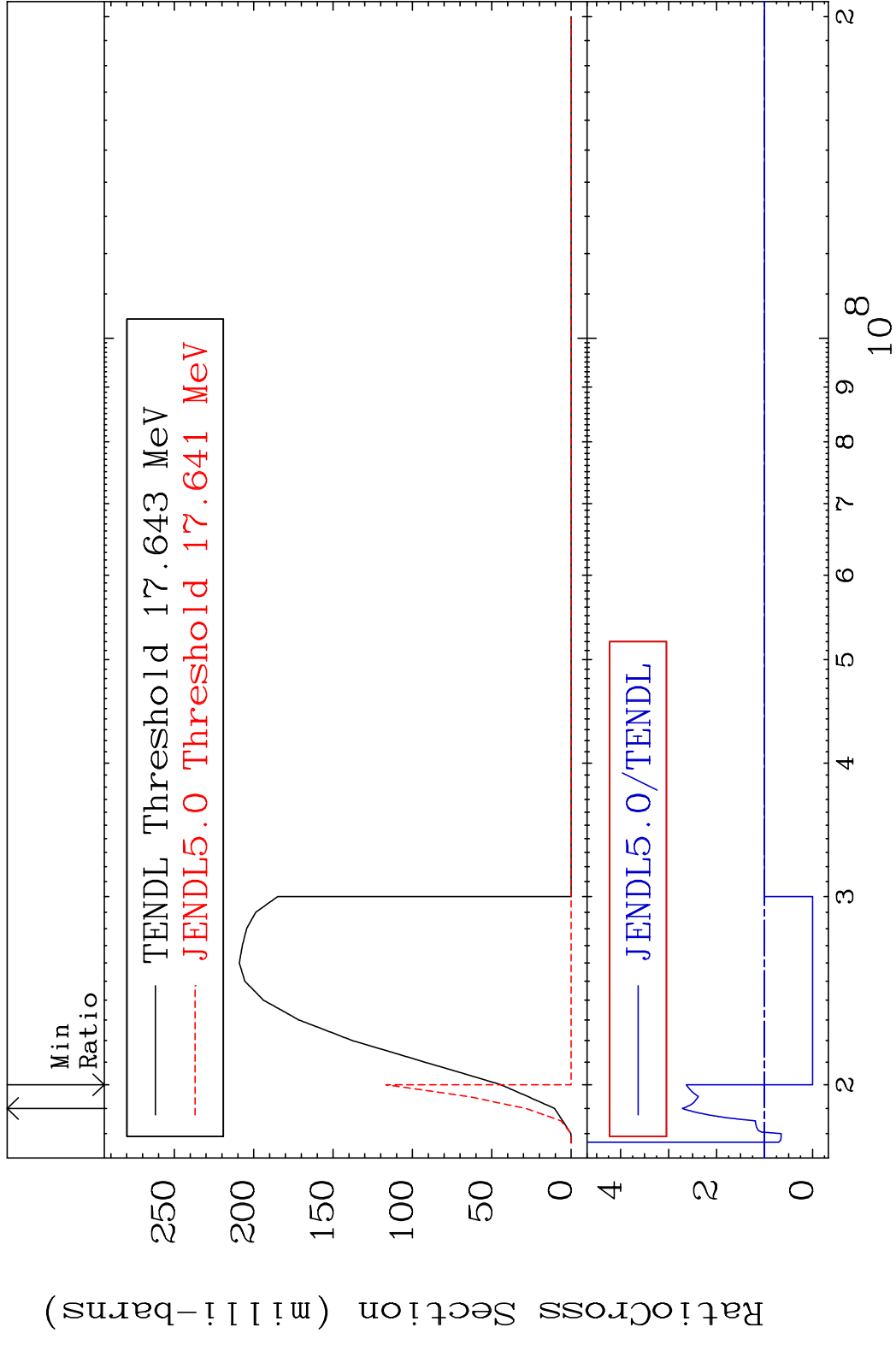
MAT 4725 (n,2n):47-Ag-106g 47-Ag-107
 Radionuclide Production Cross Section Ratio 0.331 %



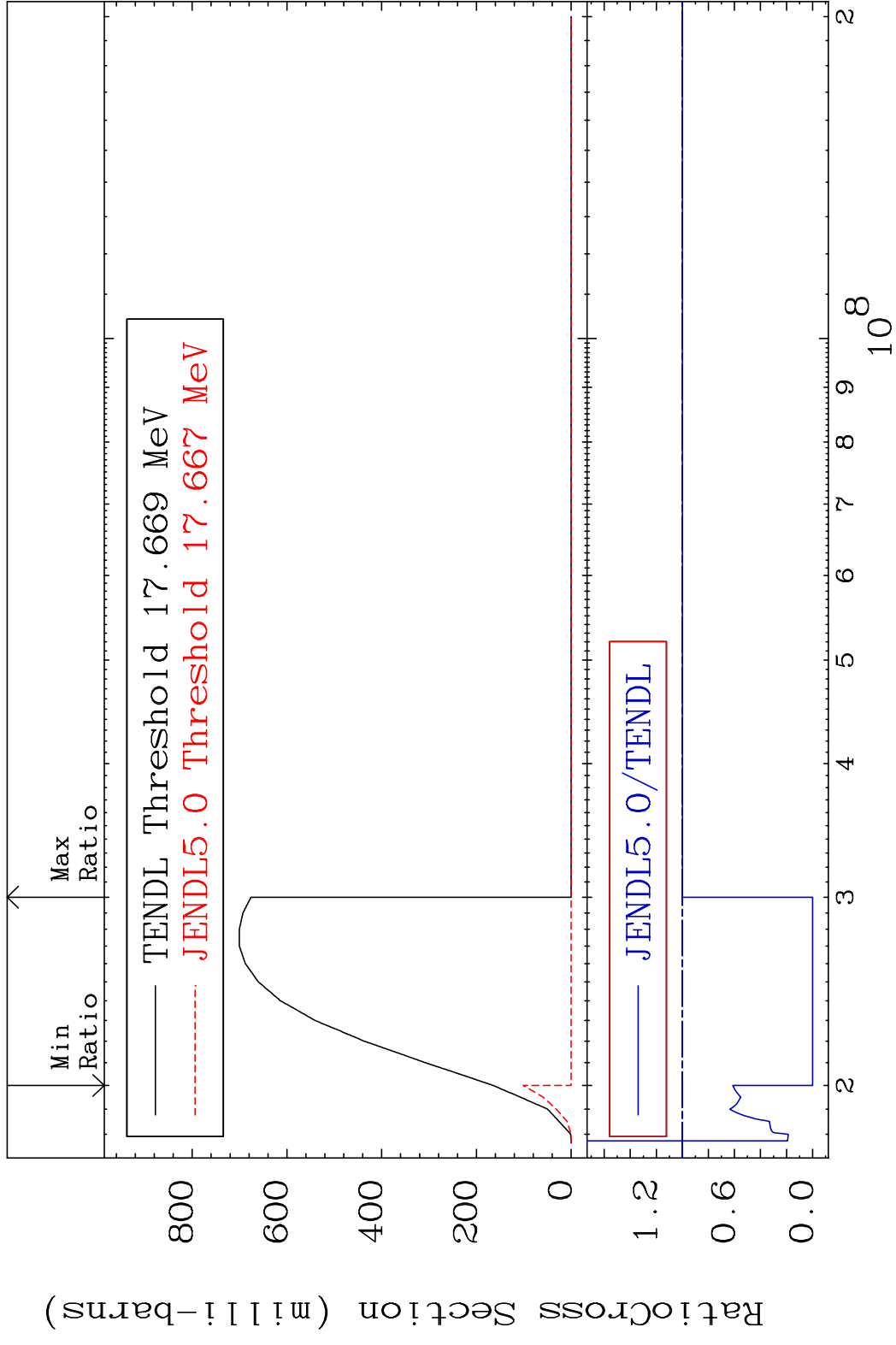
MAT 4725 (n, 2n) : 47-Ag-106m1 47-Ag-107
 Radionuclide Production Cross Section 180.01 dpo 38.70 %

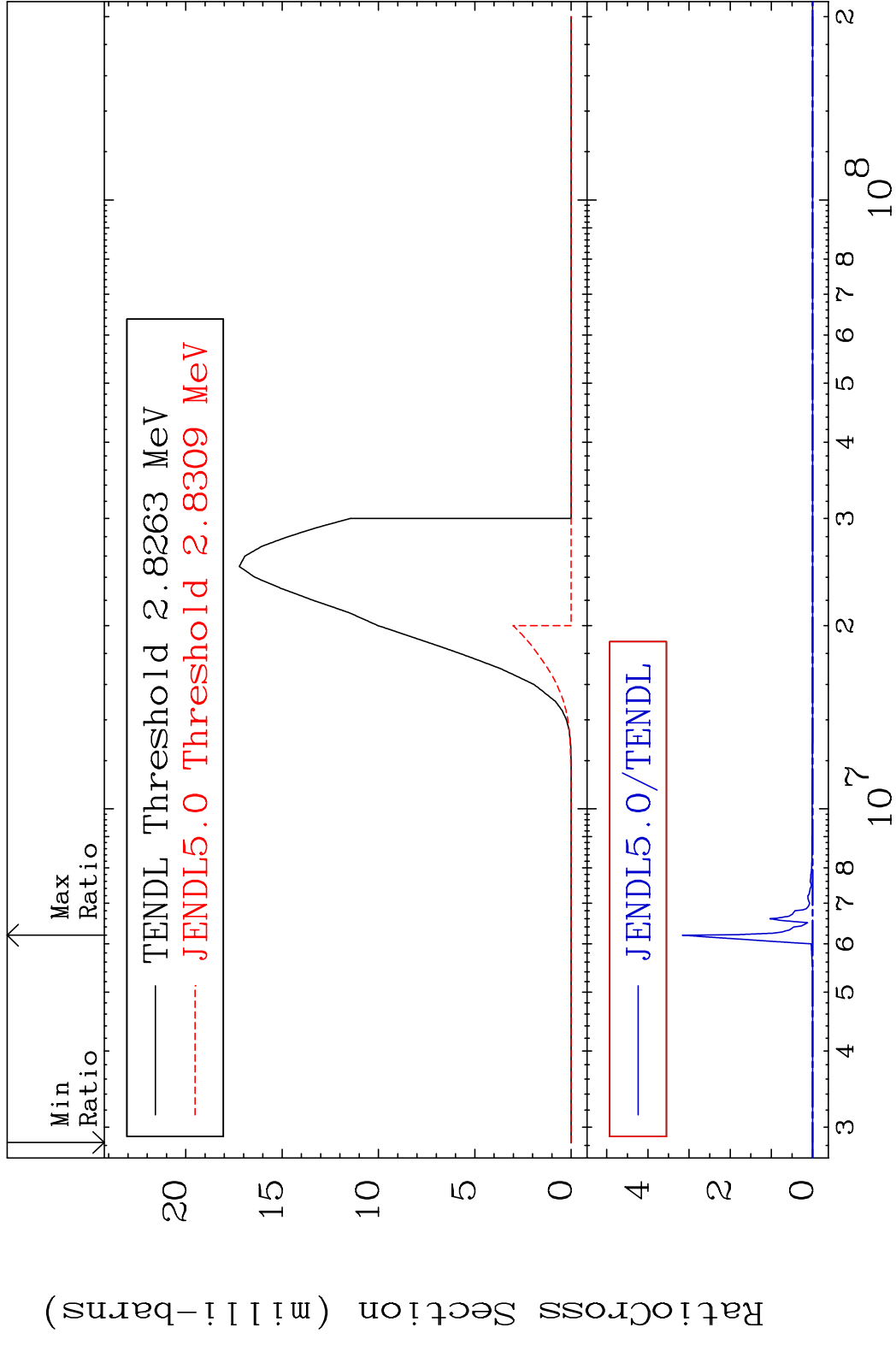


MAT 4725 (n,3n):47-Ag-105g 47-Ag-107
 Radionuclide Production Cross Section 180.0 mb 171.3 %

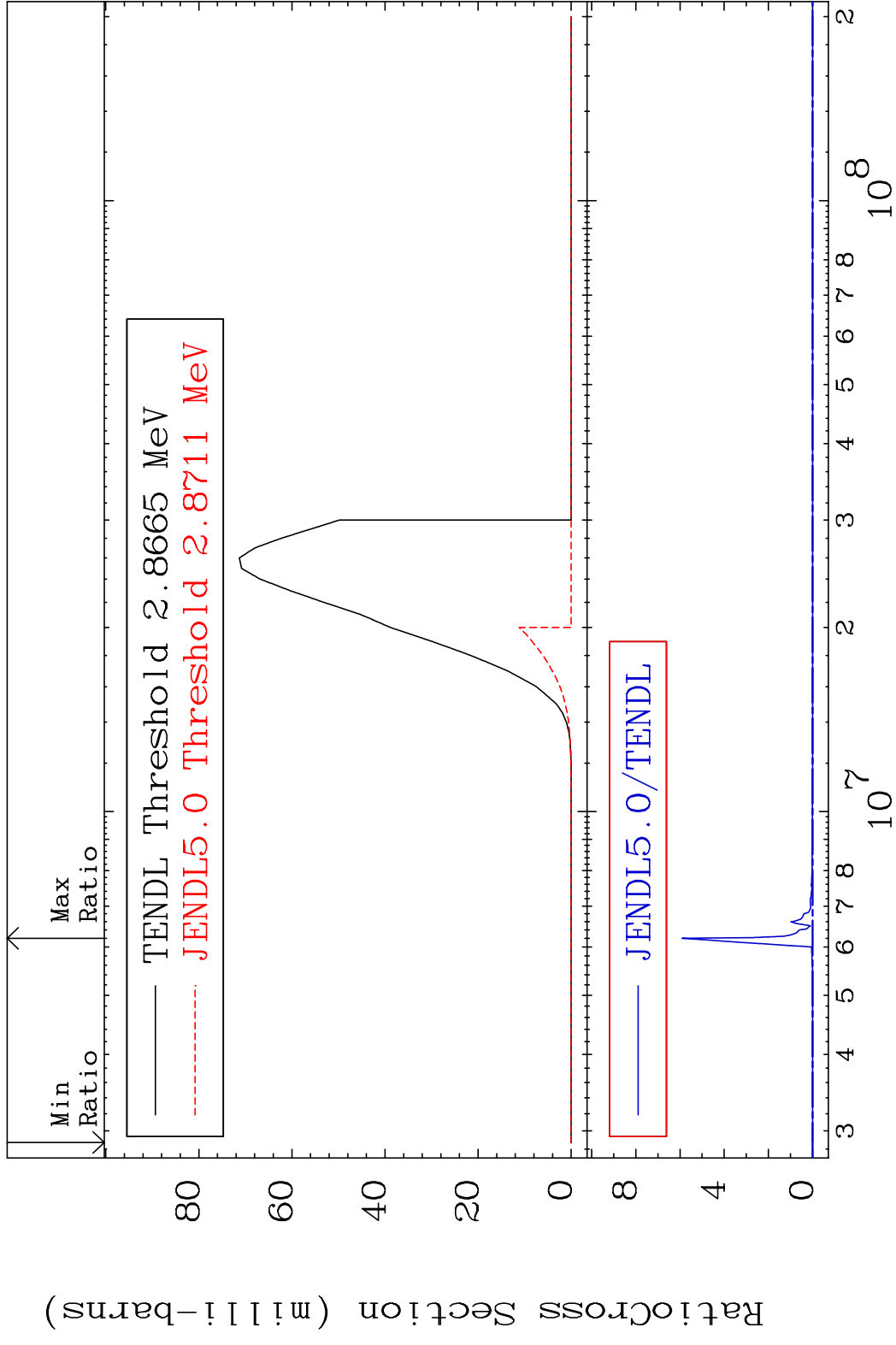


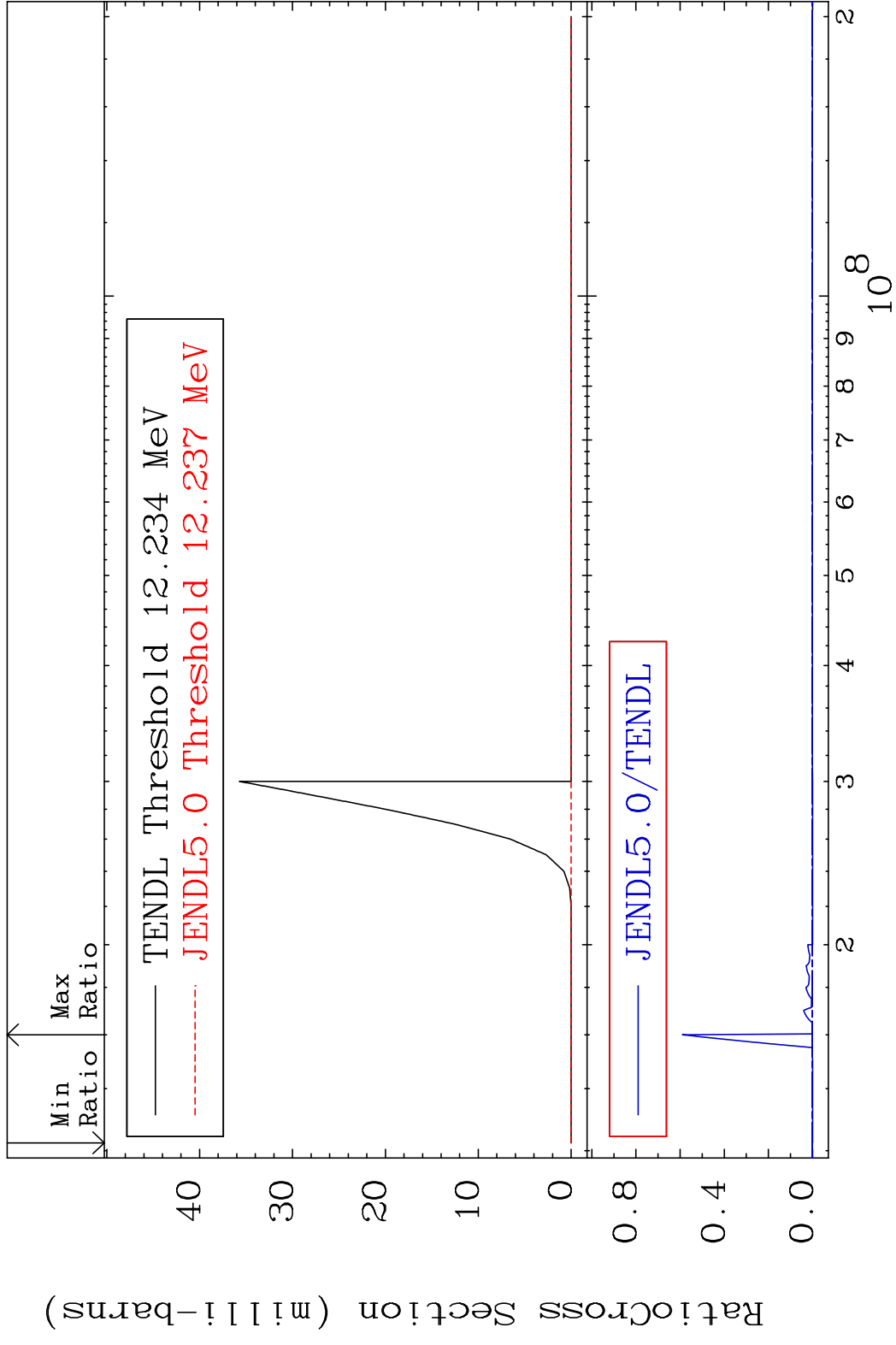
MAT 4725 (n, 3n) : 47-Ag-105m1 47-Ag-107
 Radionuclide Production Cross Section 180.01 dth 0.000 %



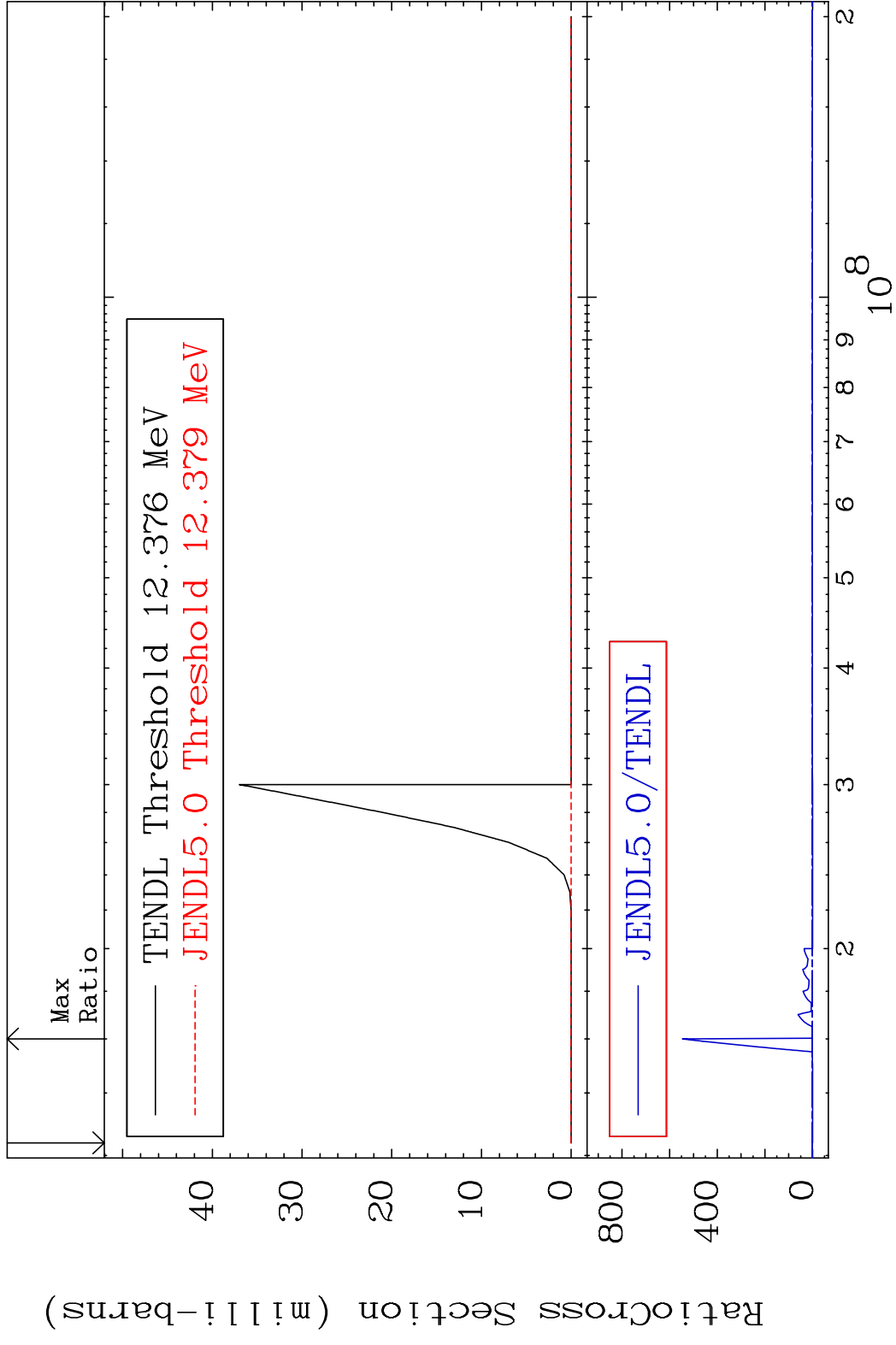


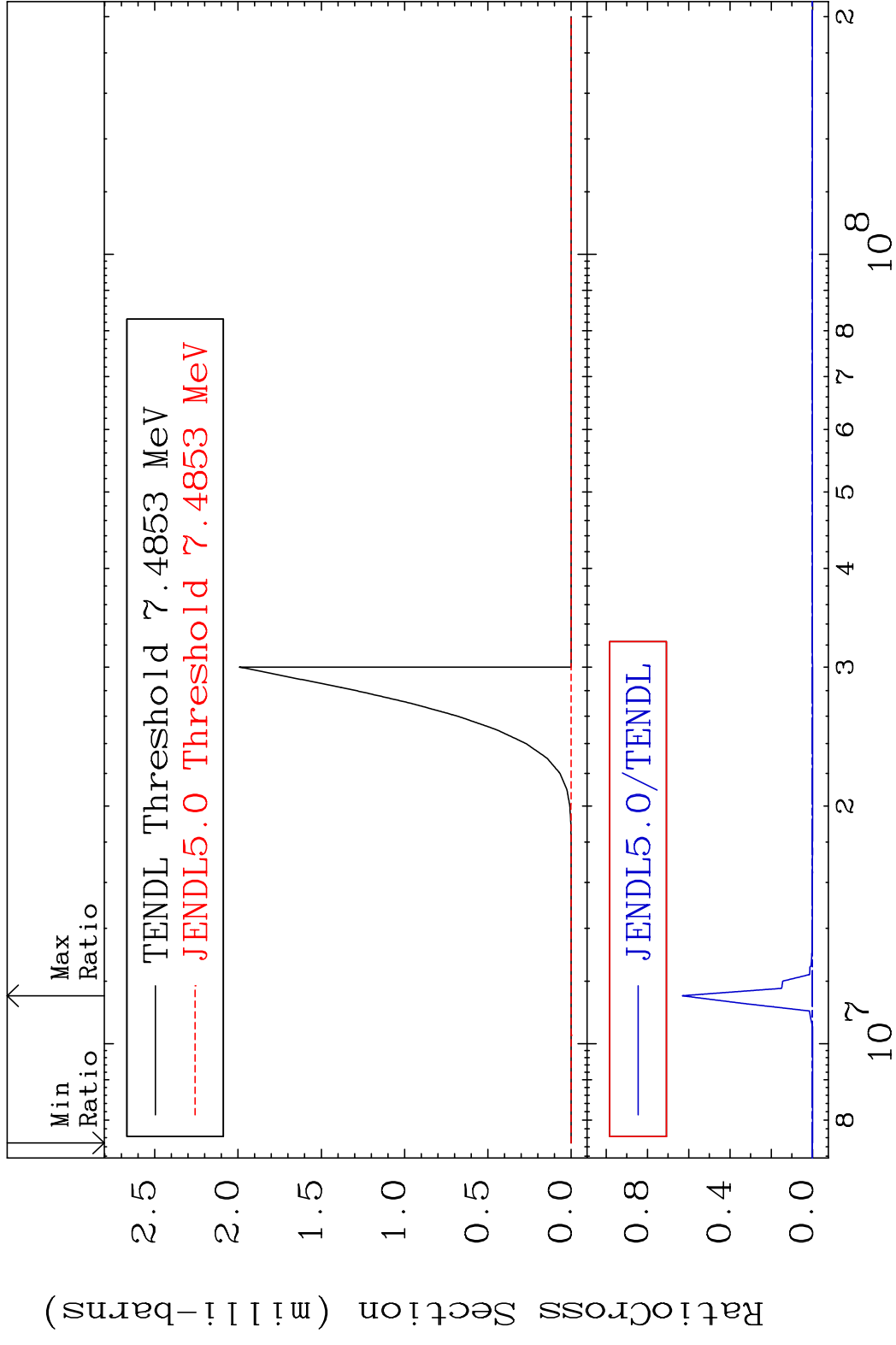
MAT 4725 (n, n') α :45-Rh-103m1 47-Ag-107
 Radionuclide Production Cross Section Ratio 9999. %

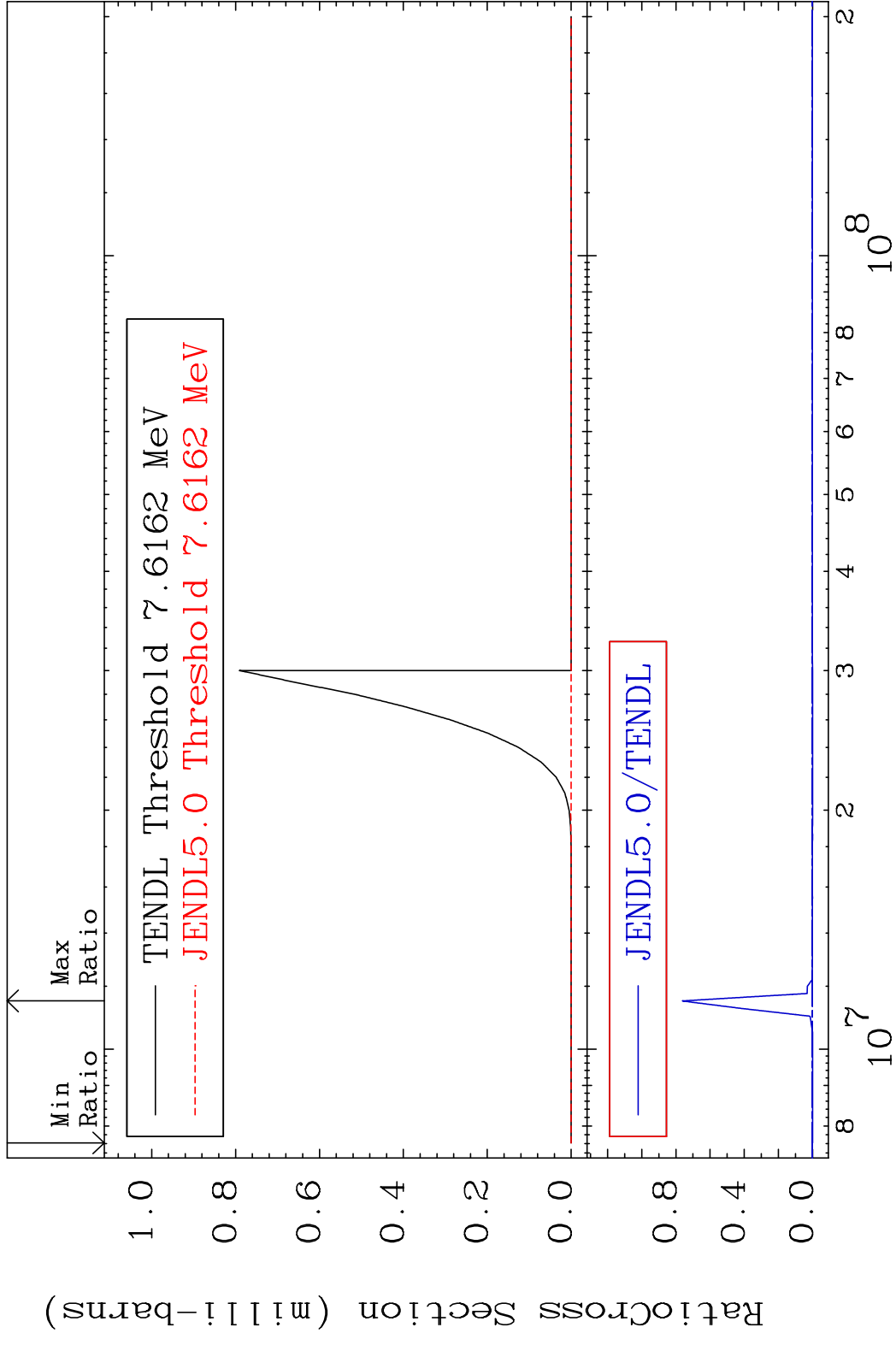


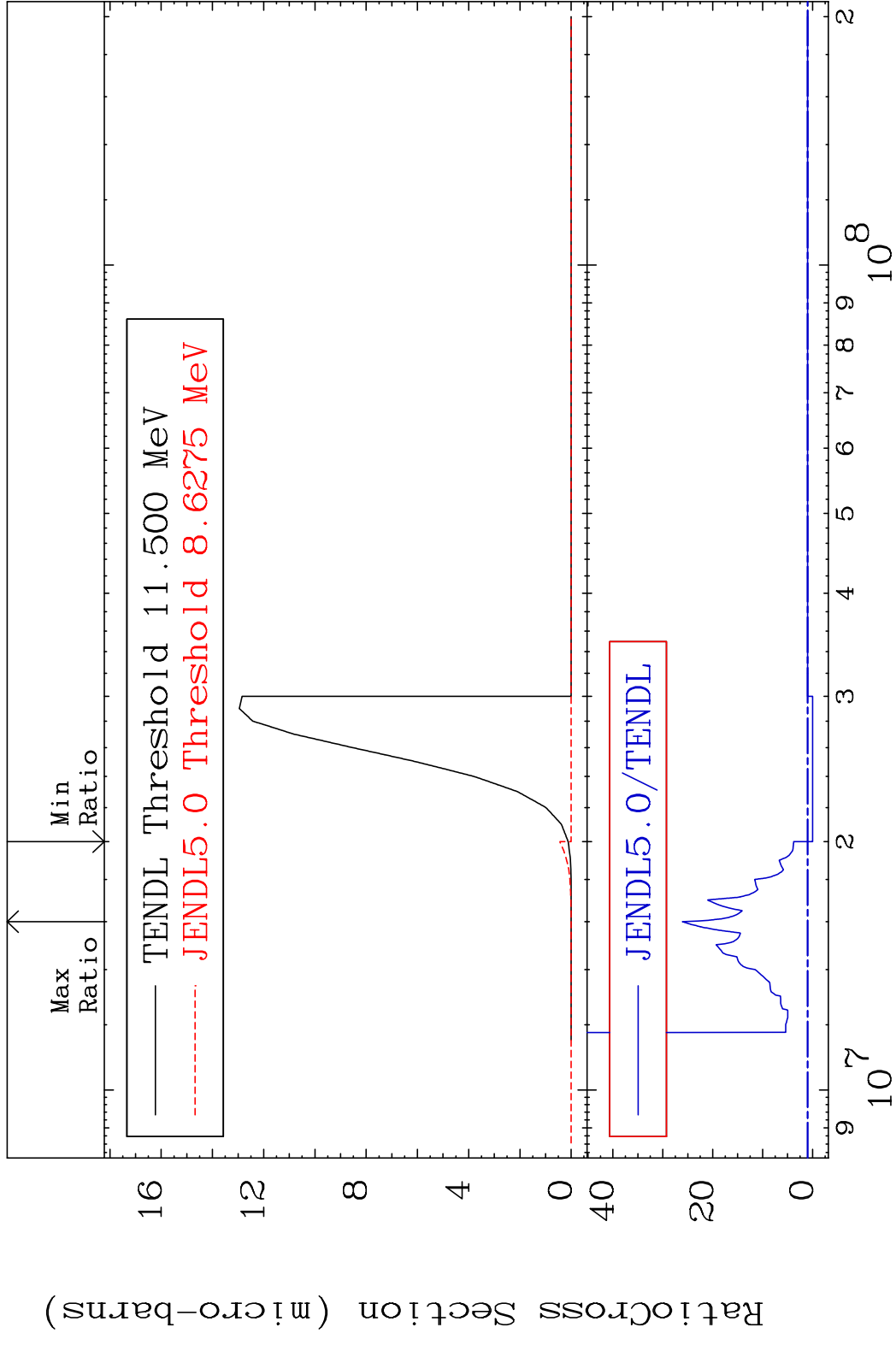


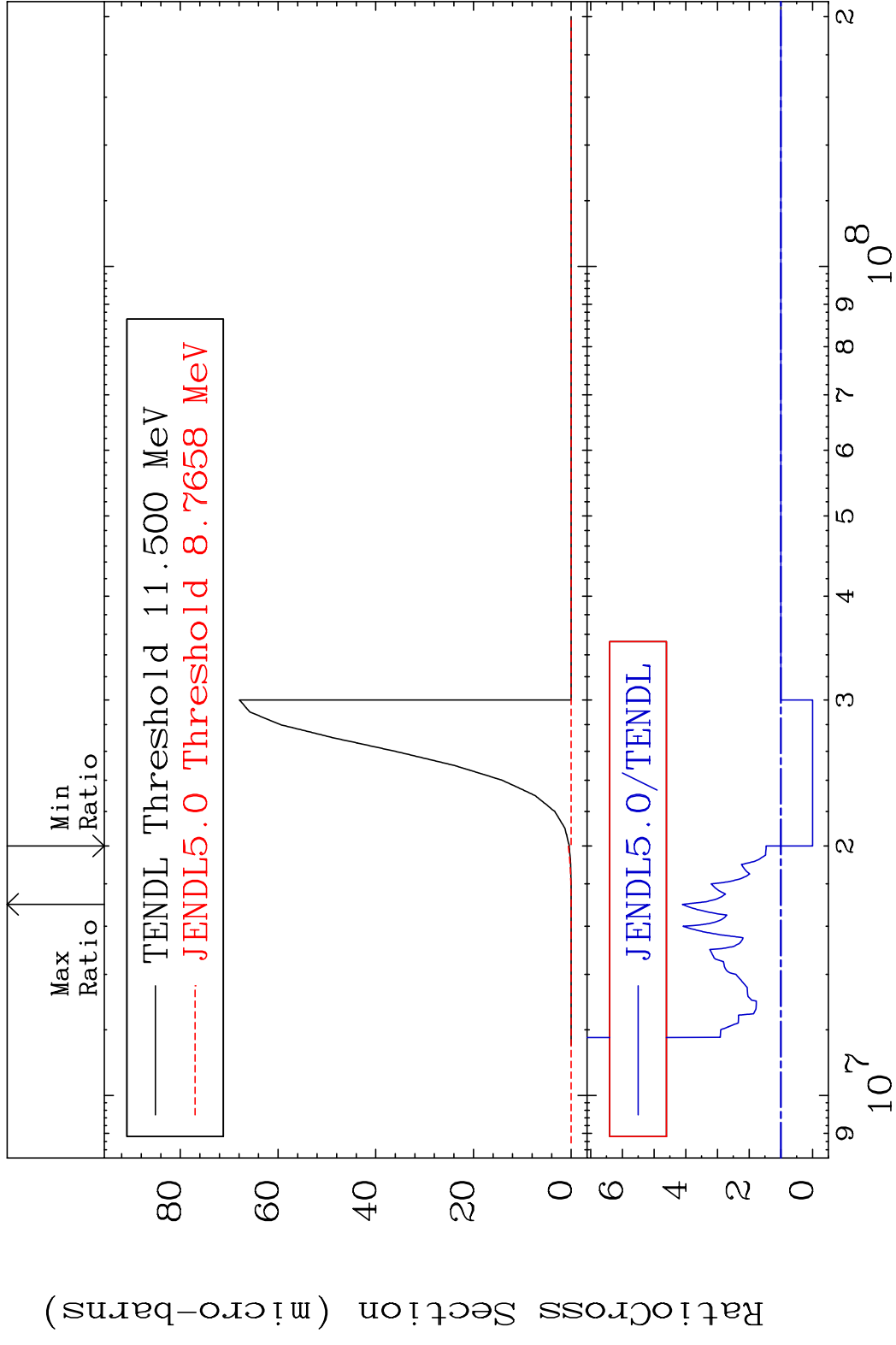
MAT 4725 (n,2n) α :45-Rh-102m5 47-Ag-107
 Radionuclide Production Cross Section Ratio

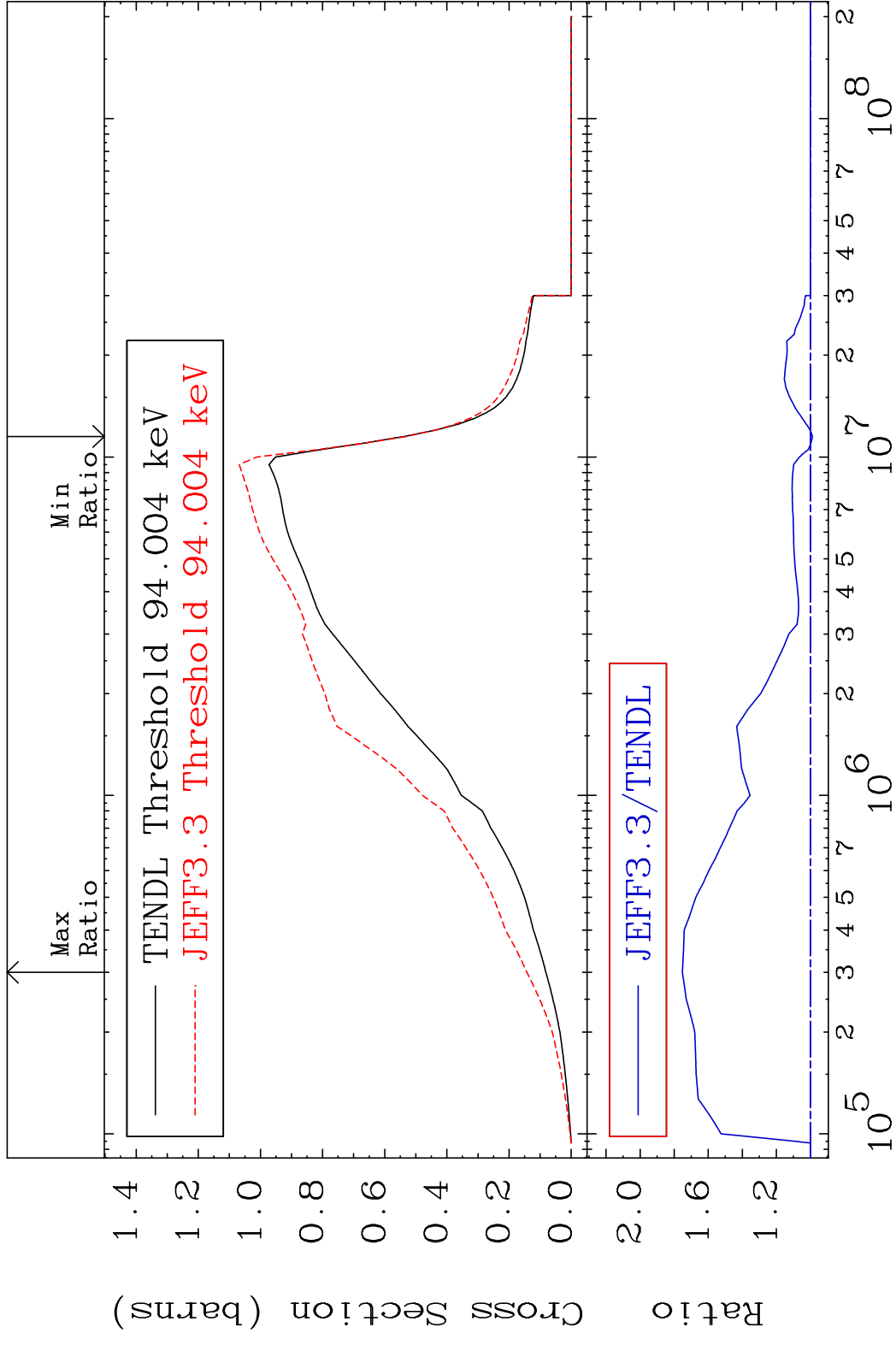




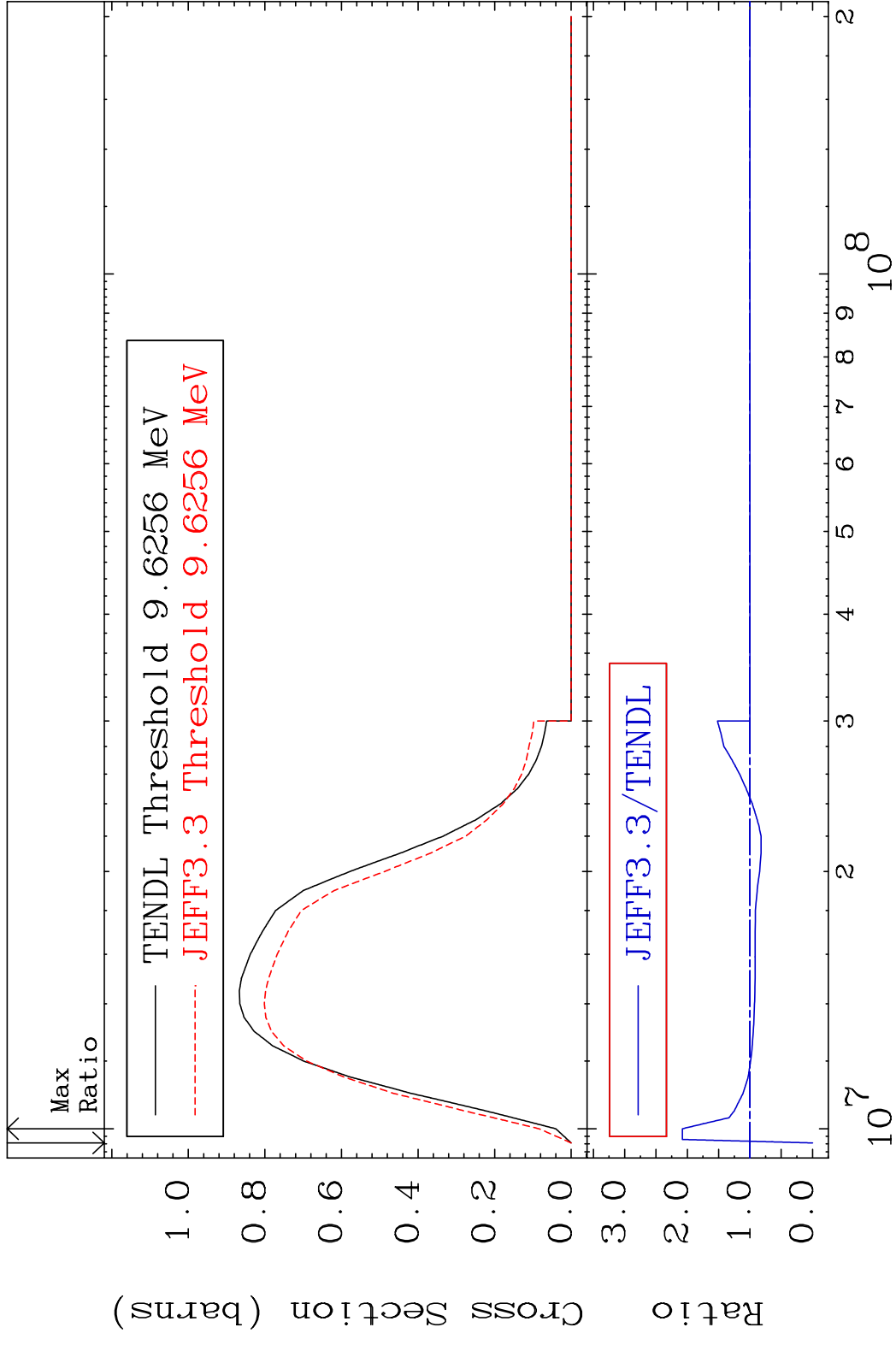






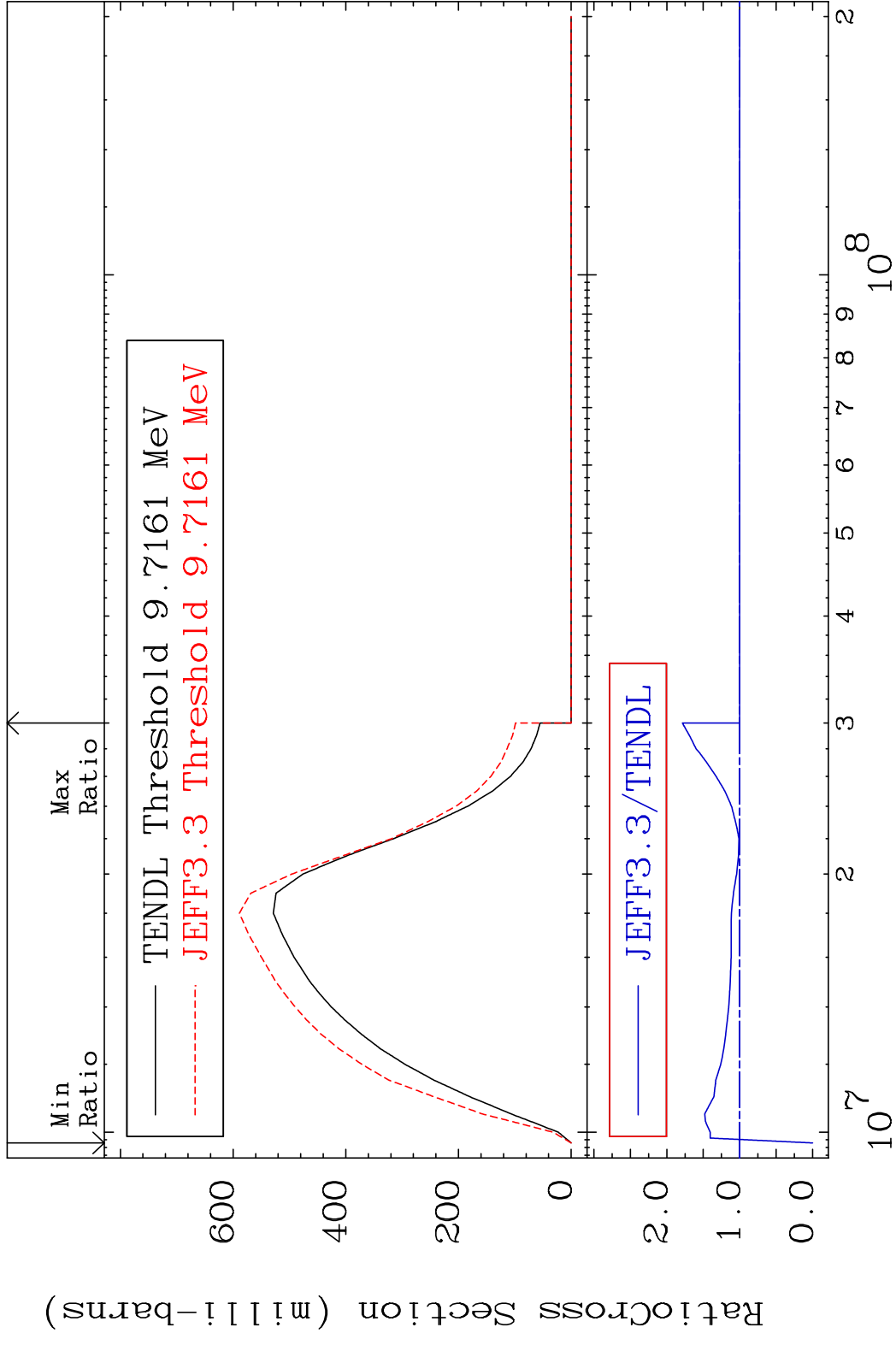


MAT 4725 (n,2n):47-Ag-106g 47-Ag-107
 Radionuclide Production Cross Section 100.0 mb 107.9 %



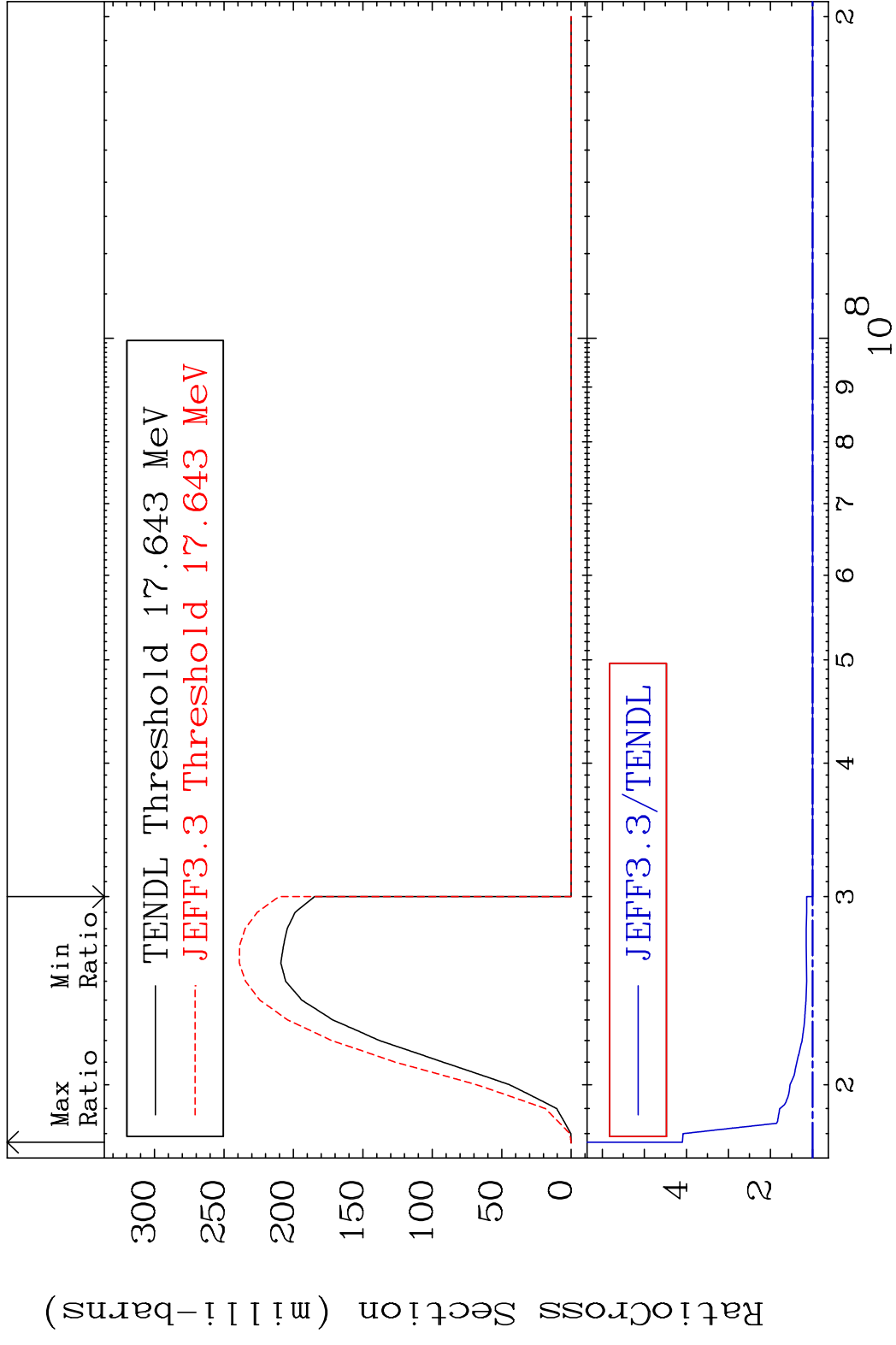
70 Incident Energy (eV) 47-Ag-107

MAT 4725 (n, 2n) : 47-Ag-106m1 47-Ag-107
 Radionuclide Production Cross Section Ratio 78.65 %

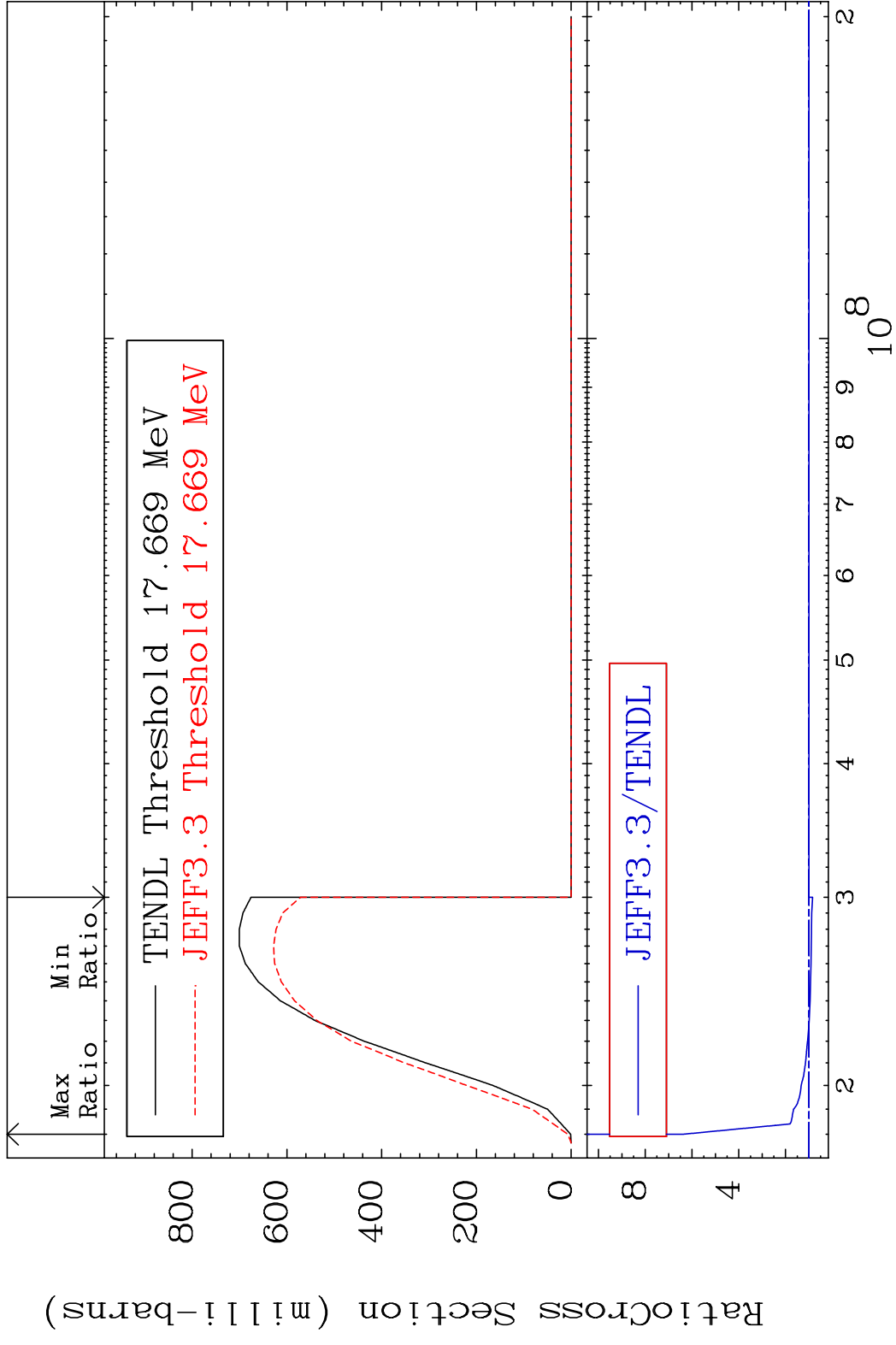


71 Incident Energy (eV) 47-Ag-107

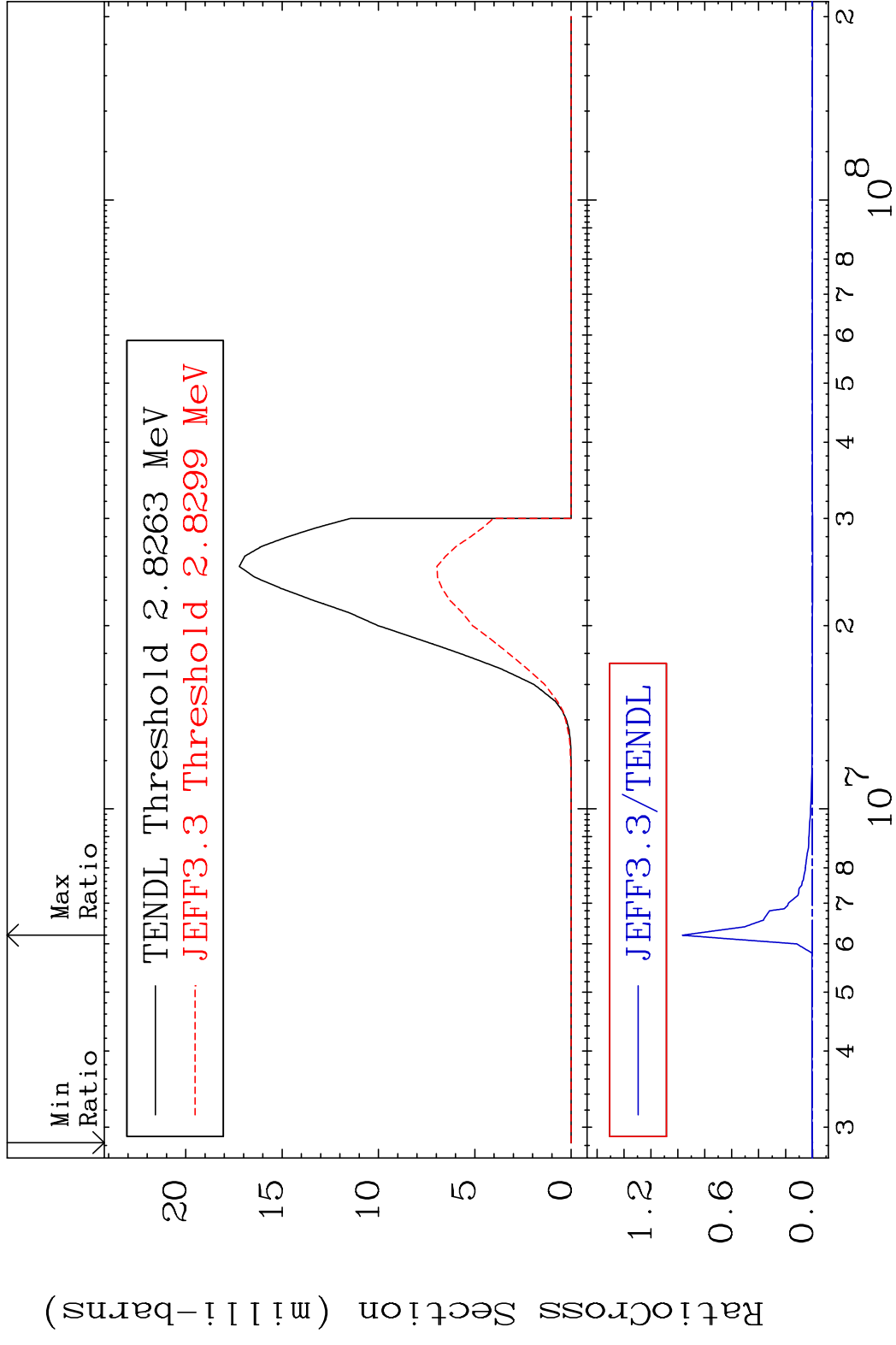
MAT 4725 (n,3n):47-Ag-105g 47-Ag-107
 Radionuclide Production Cross Section 309.7 %



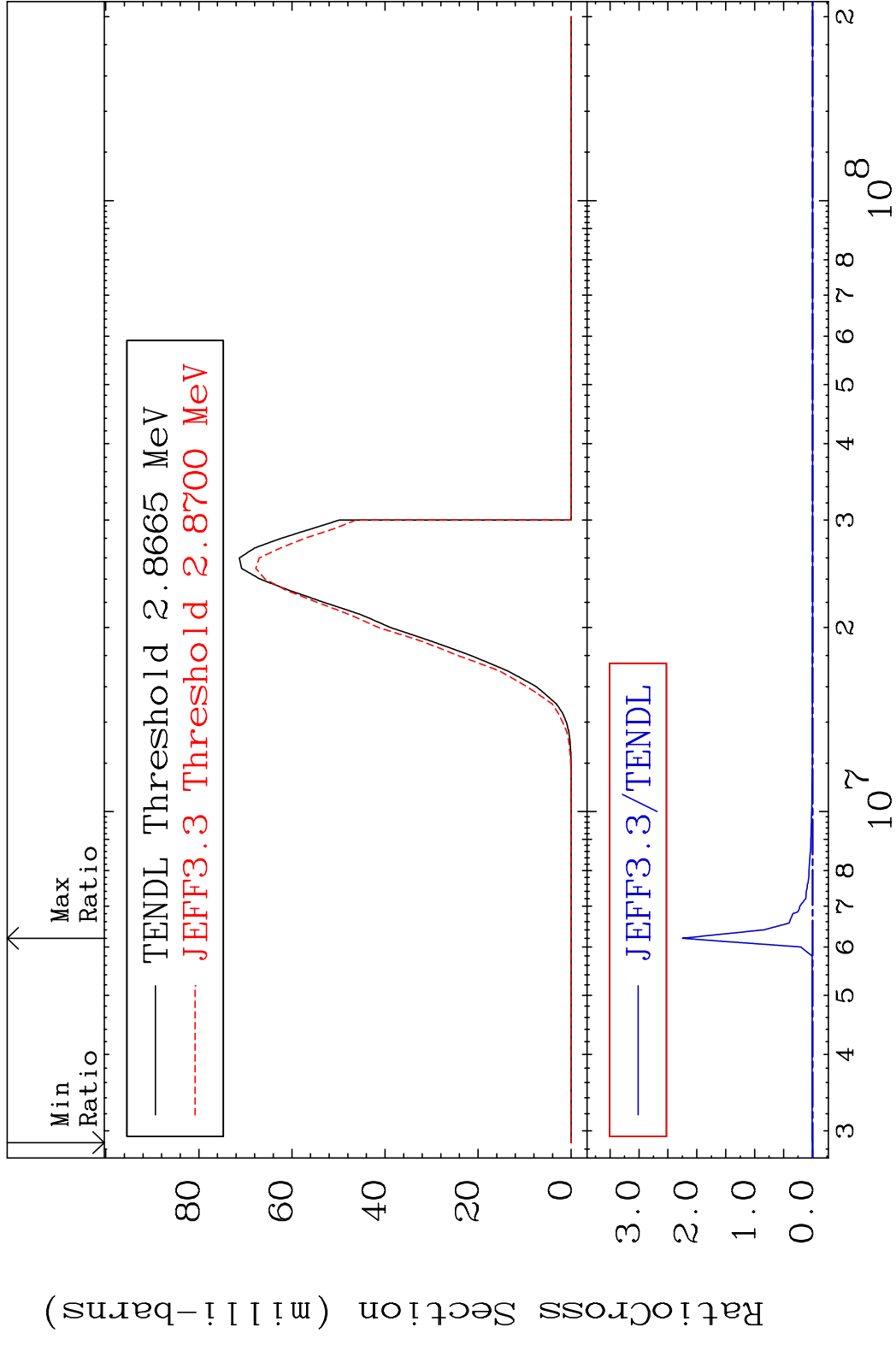
MAT 4725 (n, 3n) : 47-Ag-105m1 47-Ag-107
 Radionuclide Production Cross Section 541.4 %

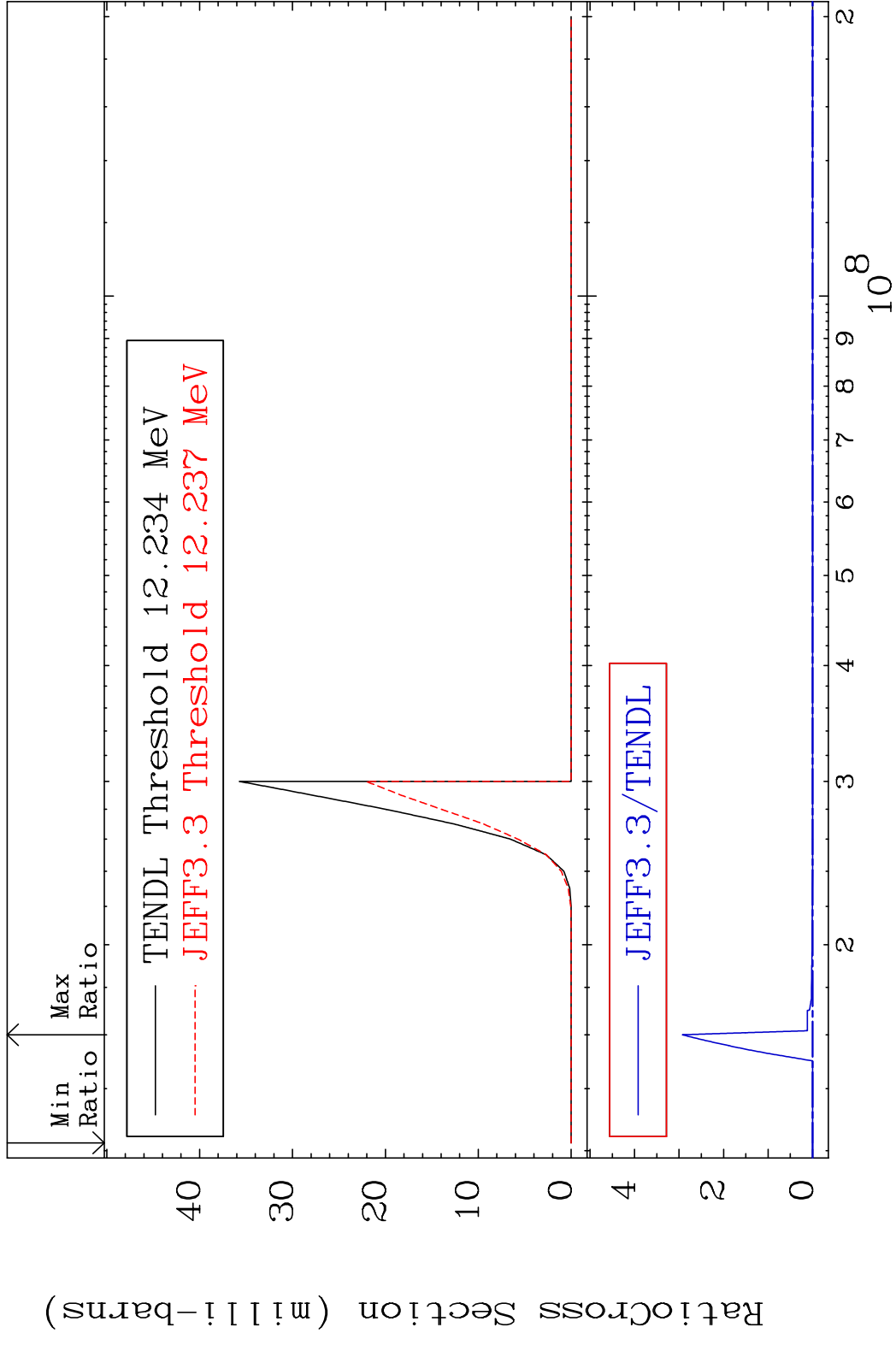


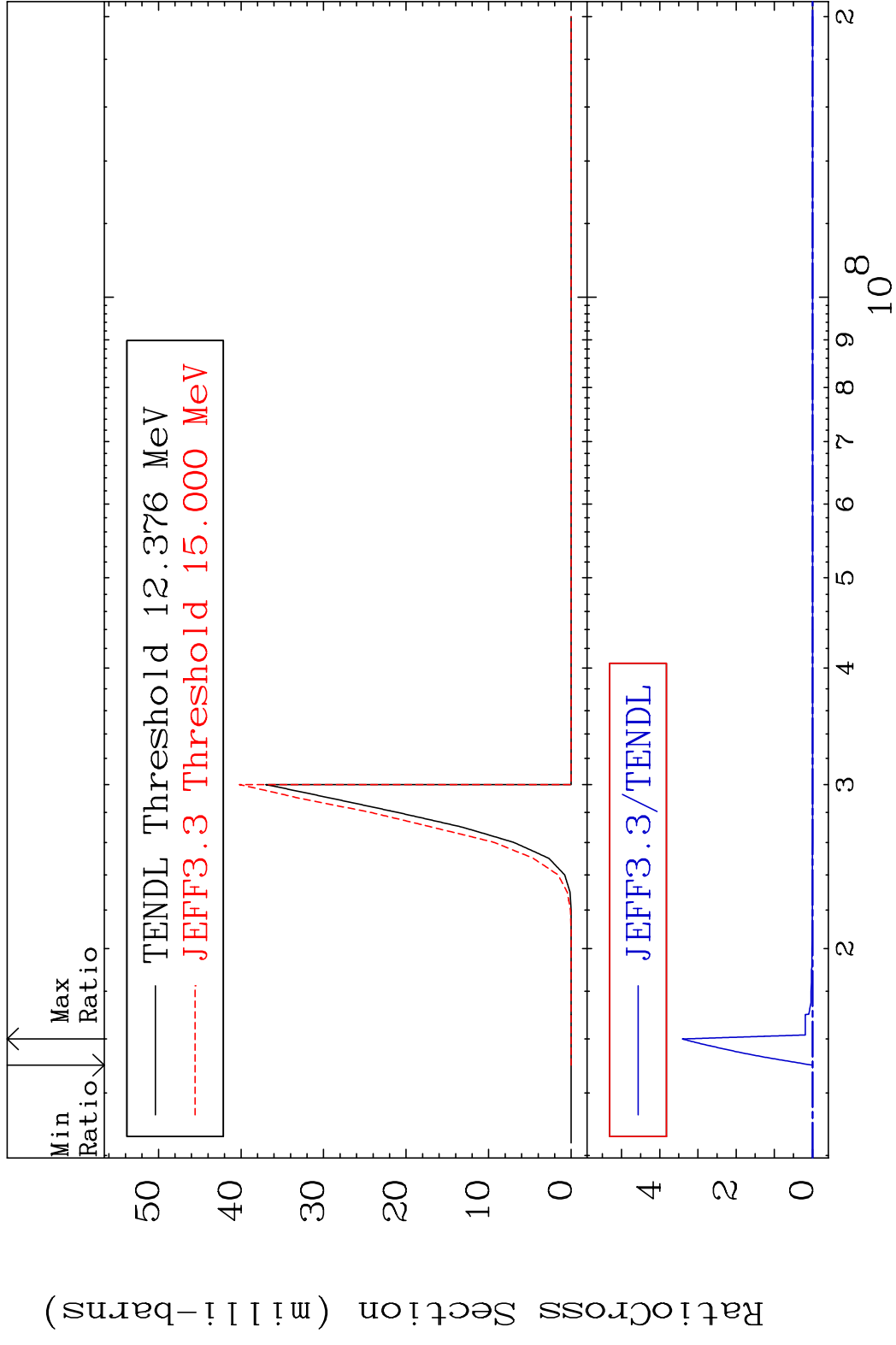
MAT 4725 (n, n') α :45-Rh-103g 47-Ag-107
 Radionuclide Production Cross Section Ratio 9999. %



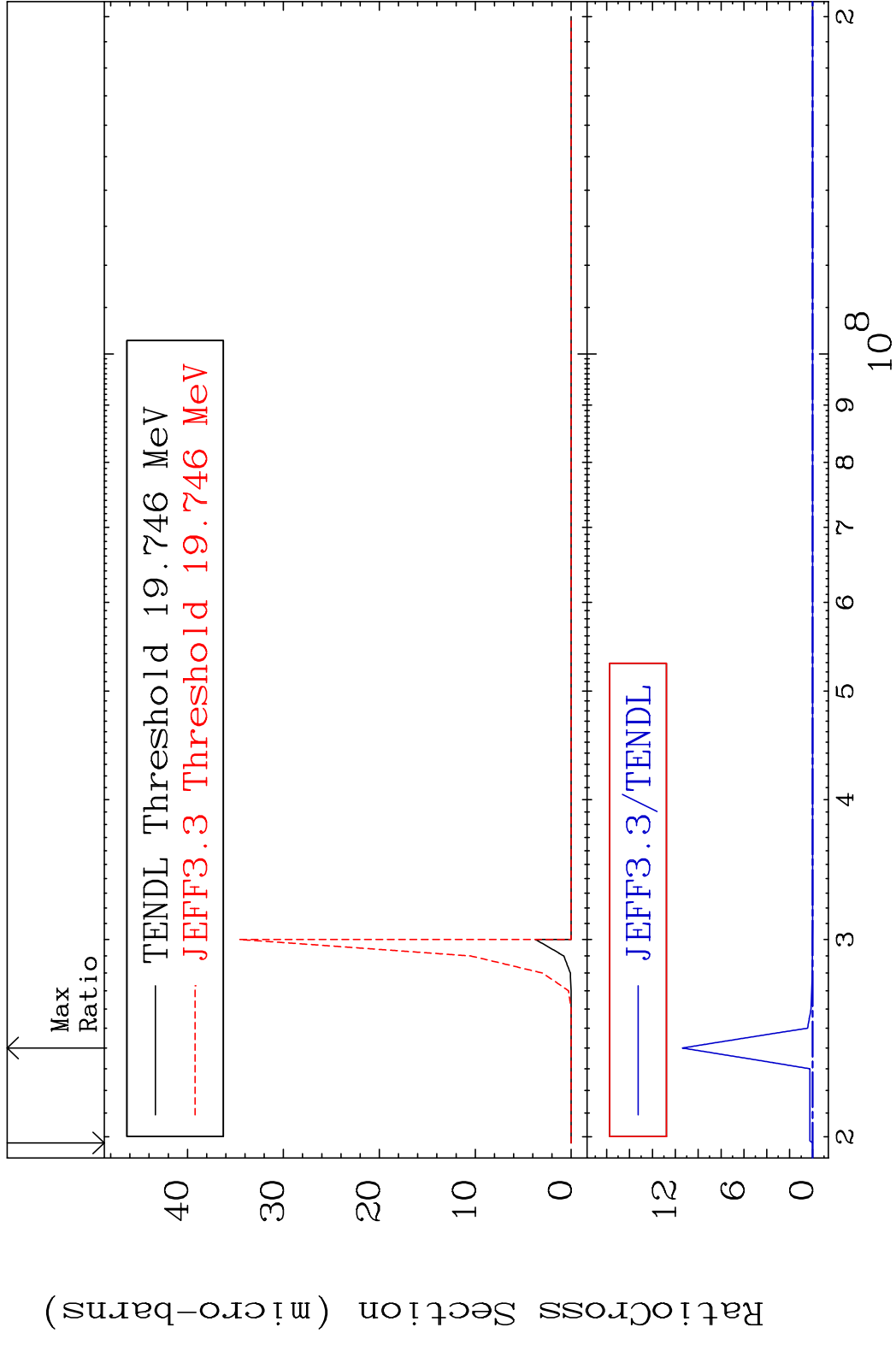
MAT 4725 (n, n') α :45-Rh-103m1 47-Ag-107
 Radionuclide Production Cross Section Ratio 9999. %



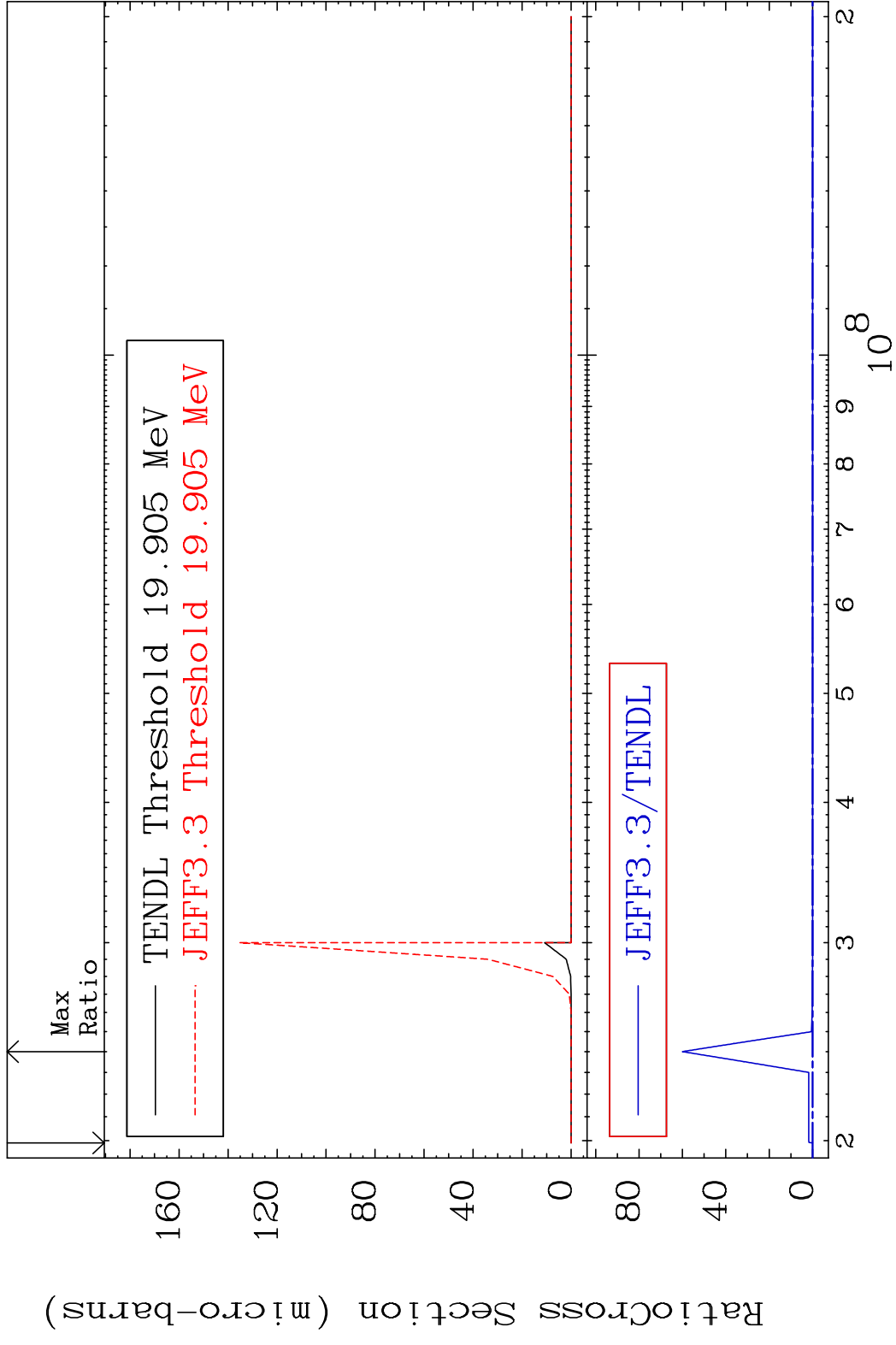




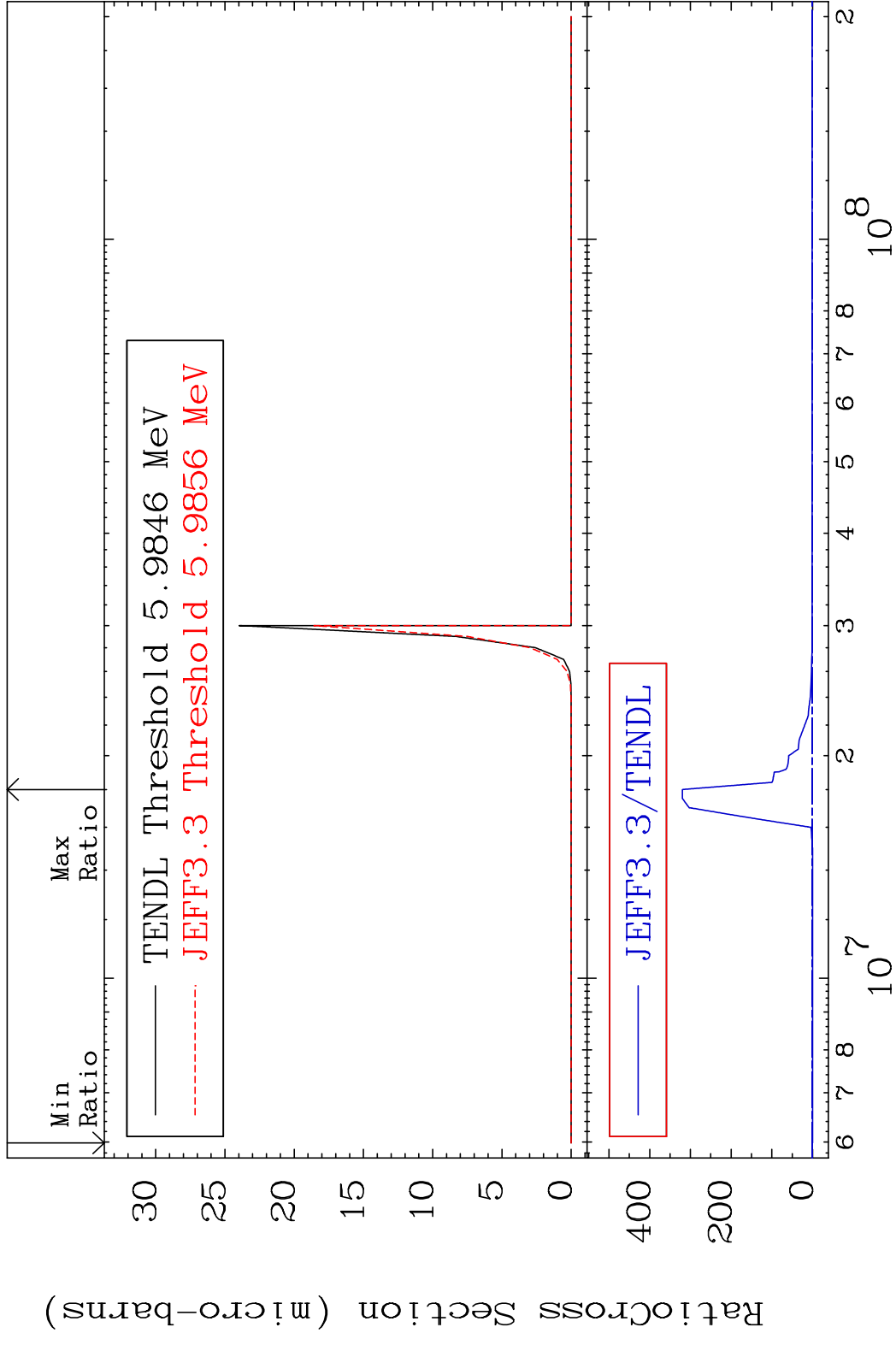
MAT 4725 (n,3n) α :45-Rh-101g 47-Ag-107
 Radionuclide Production Cross Section 100.00 dth 9999. %



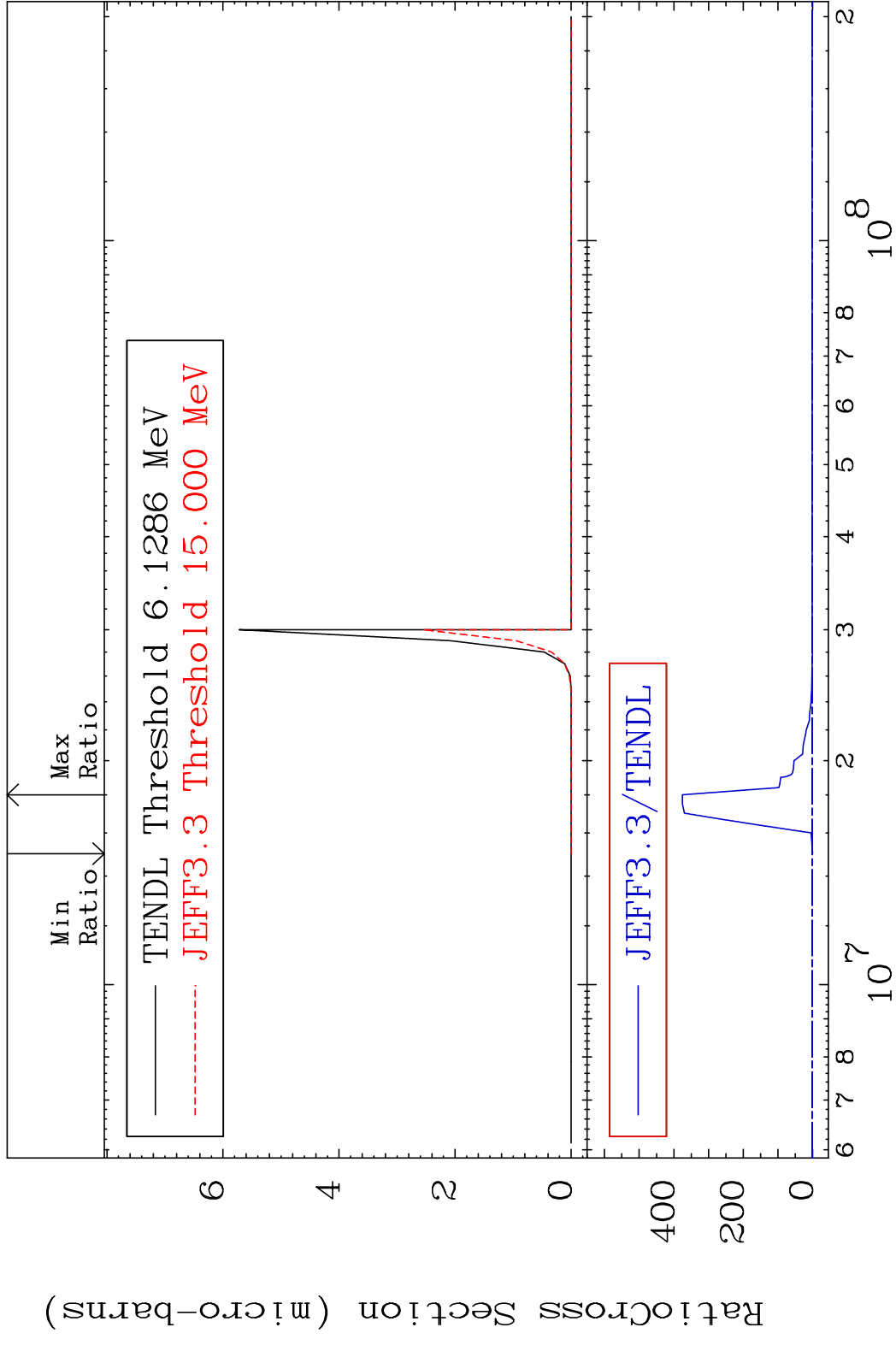
MAT 4725 (n,3n) α :45-Rh-101m1 47-Ag-107
 Radionuclide Production Cross Section 100% to 9999. %



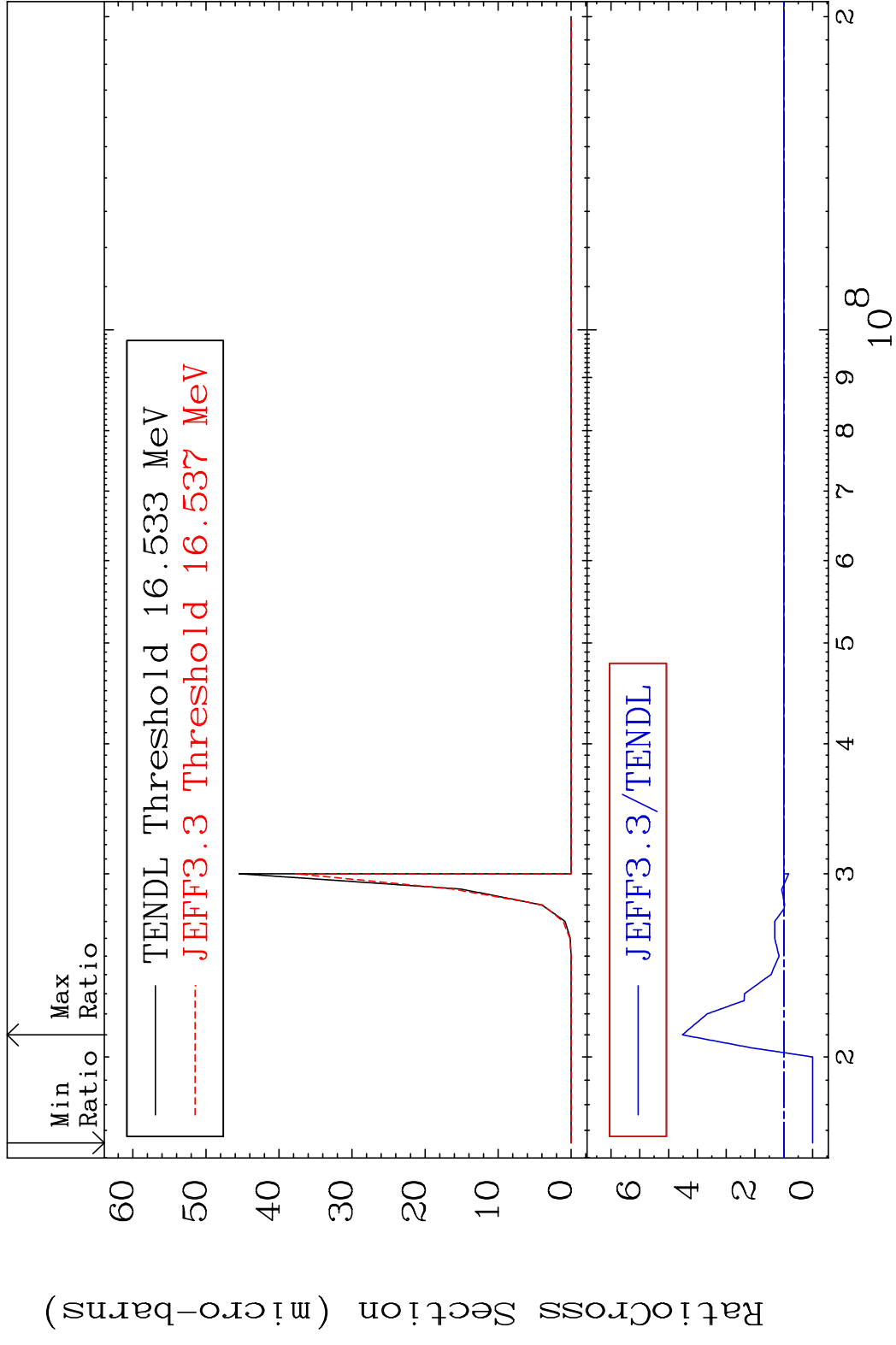
MAT 4725 (n, n') ^{243}Tc -99g 47-Ag-107
 Radionuclide Production Cross Section Ratio 9999. %



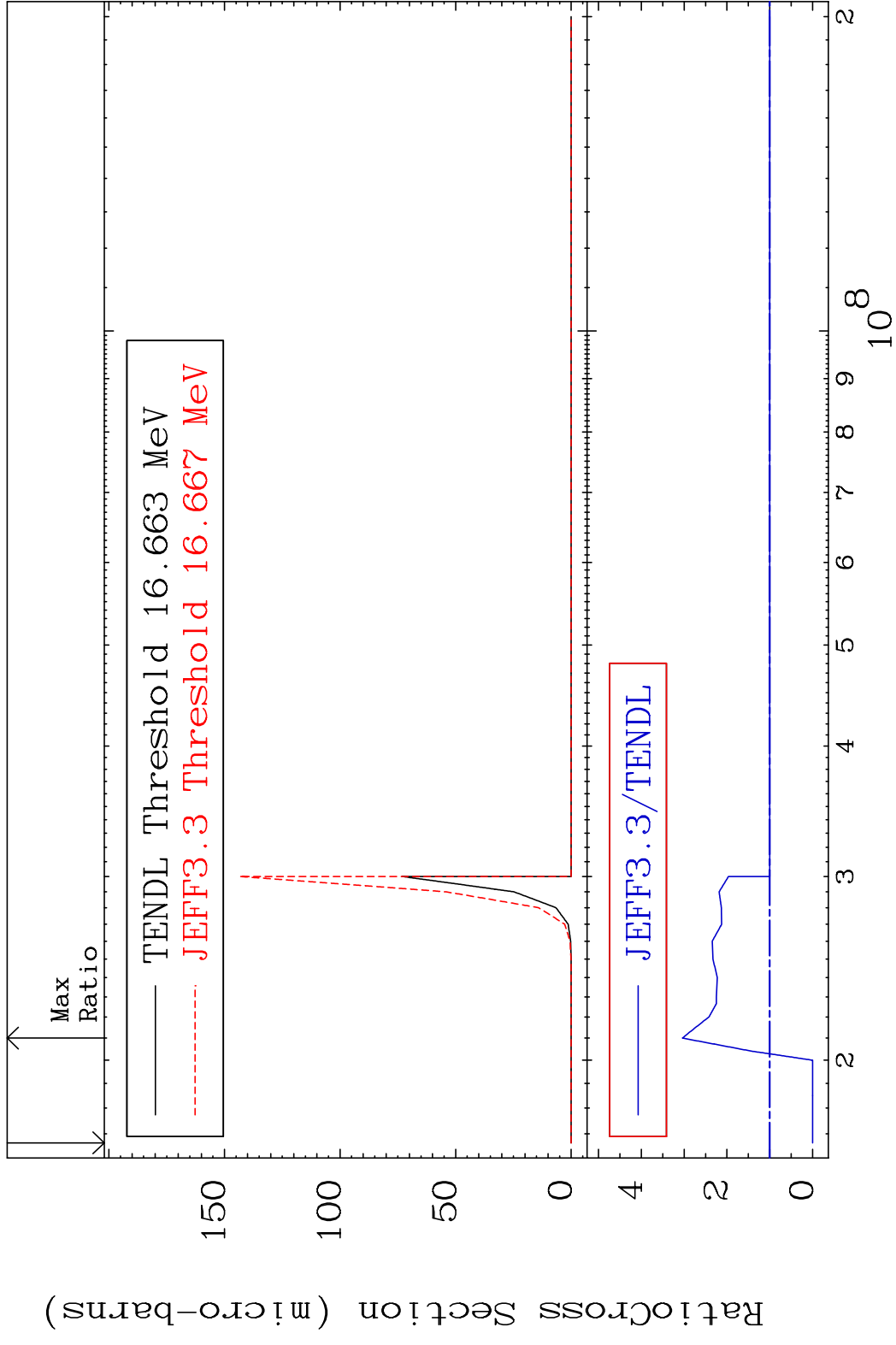
80 47-Ag-107



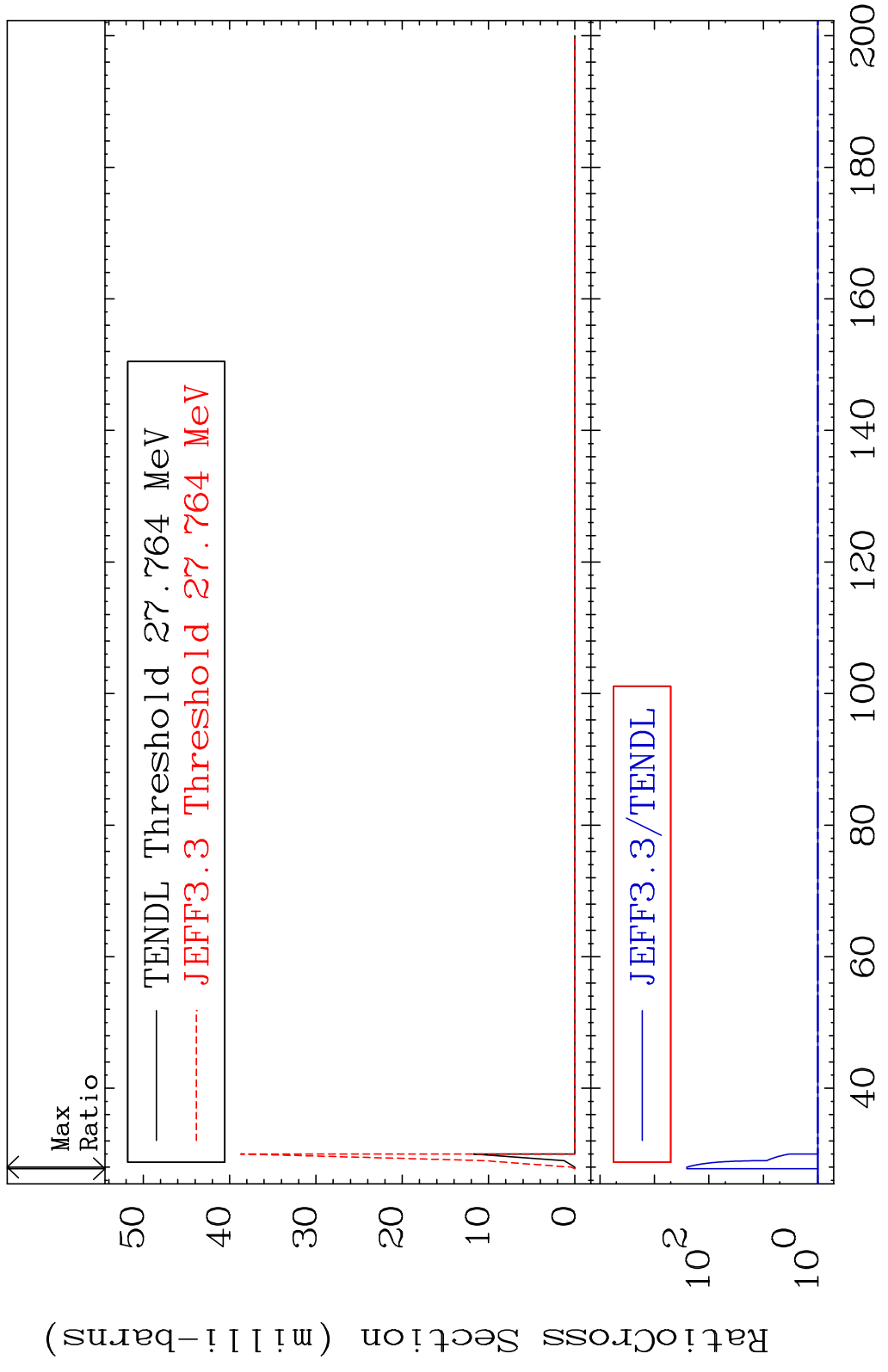
MAT 4725 (n, n') He-3:45-Rh-104g 47-Ag-107
 Radionuclide Production Cross Section 180.01 dtd 352.3 %

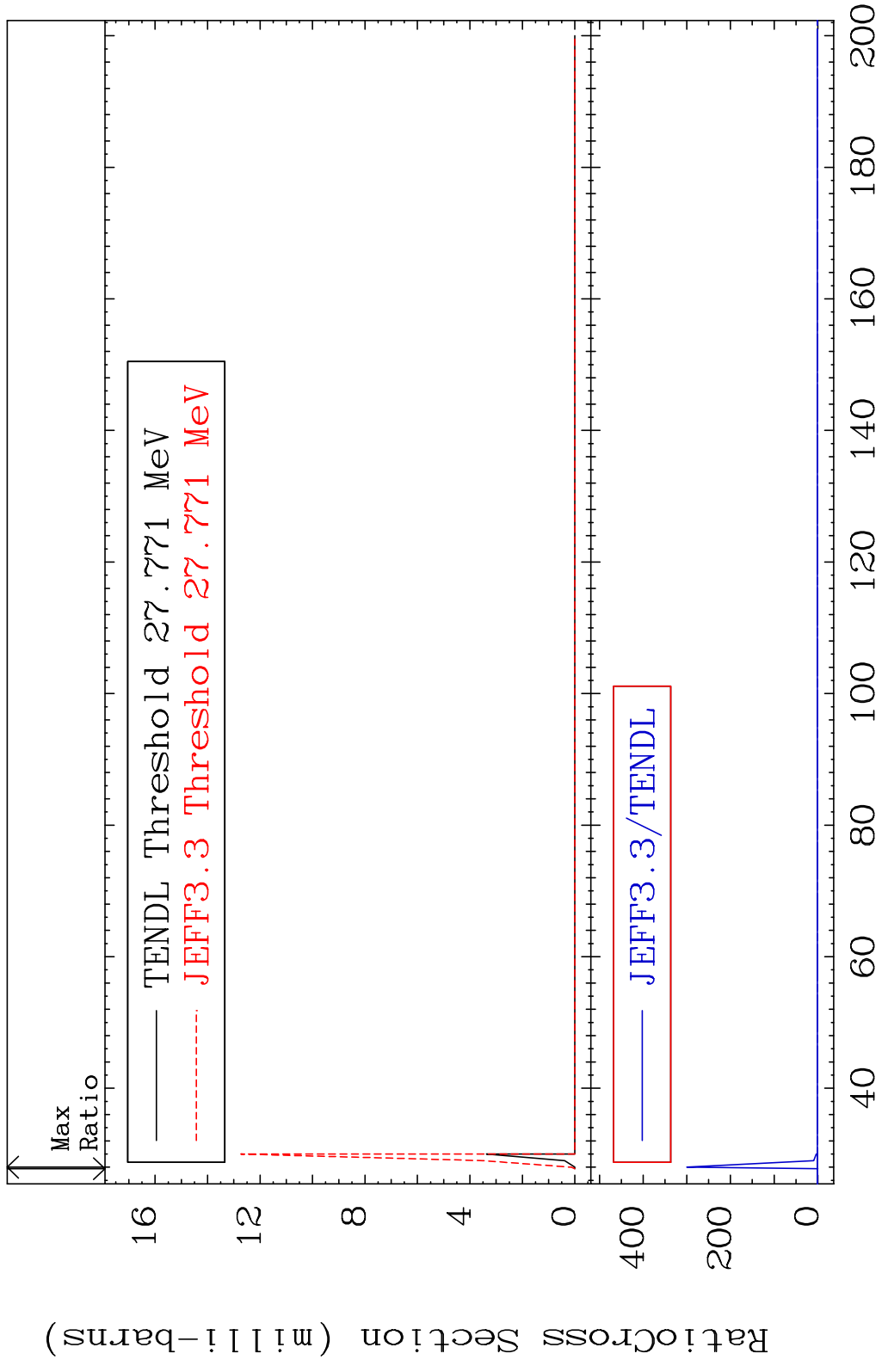


MAT 4725 (n, n') He-3:45-Rh-104m3 47-Ag-107
 Radionuclide Production Cross Section Ratio 204.2 %

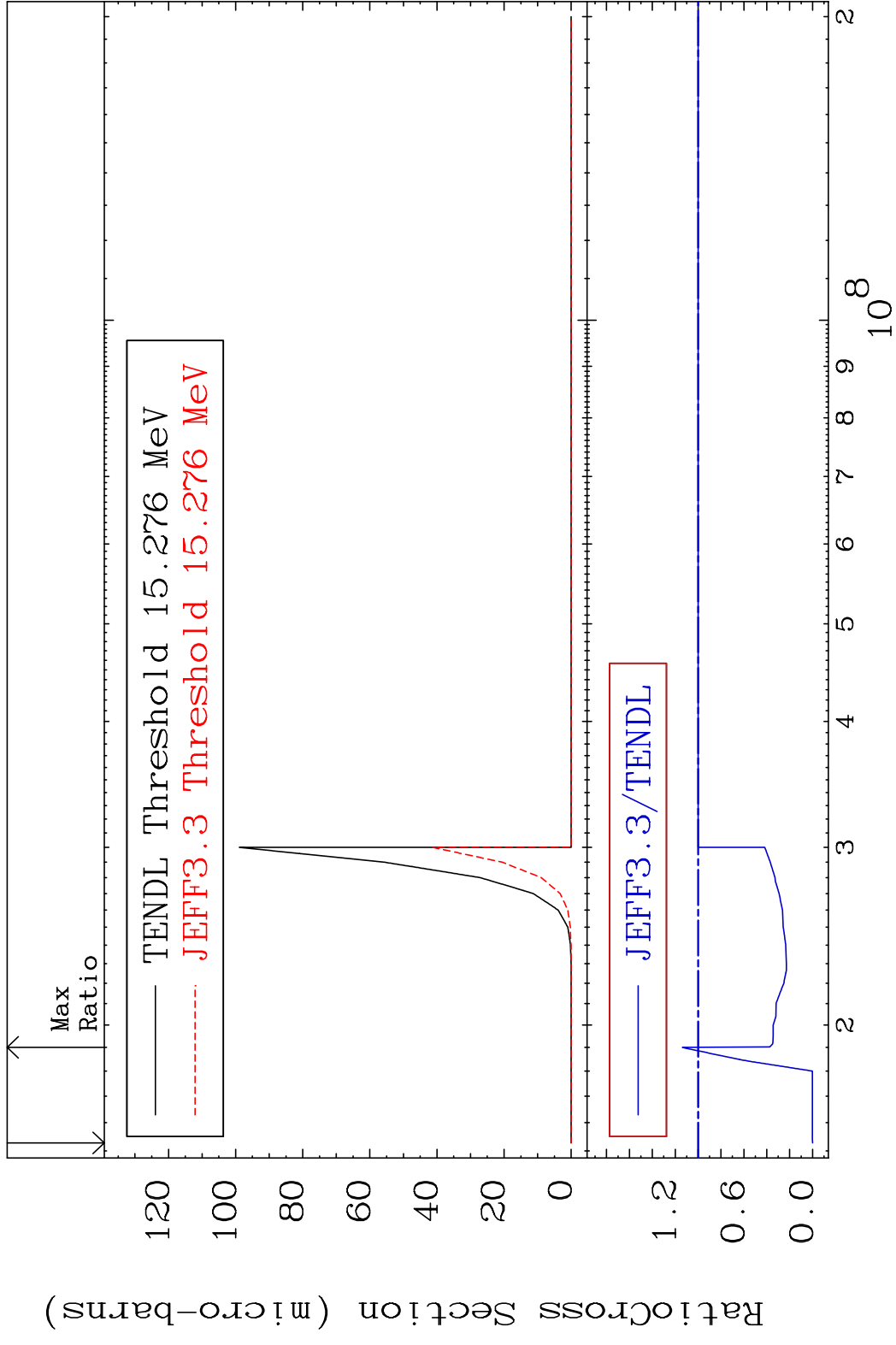


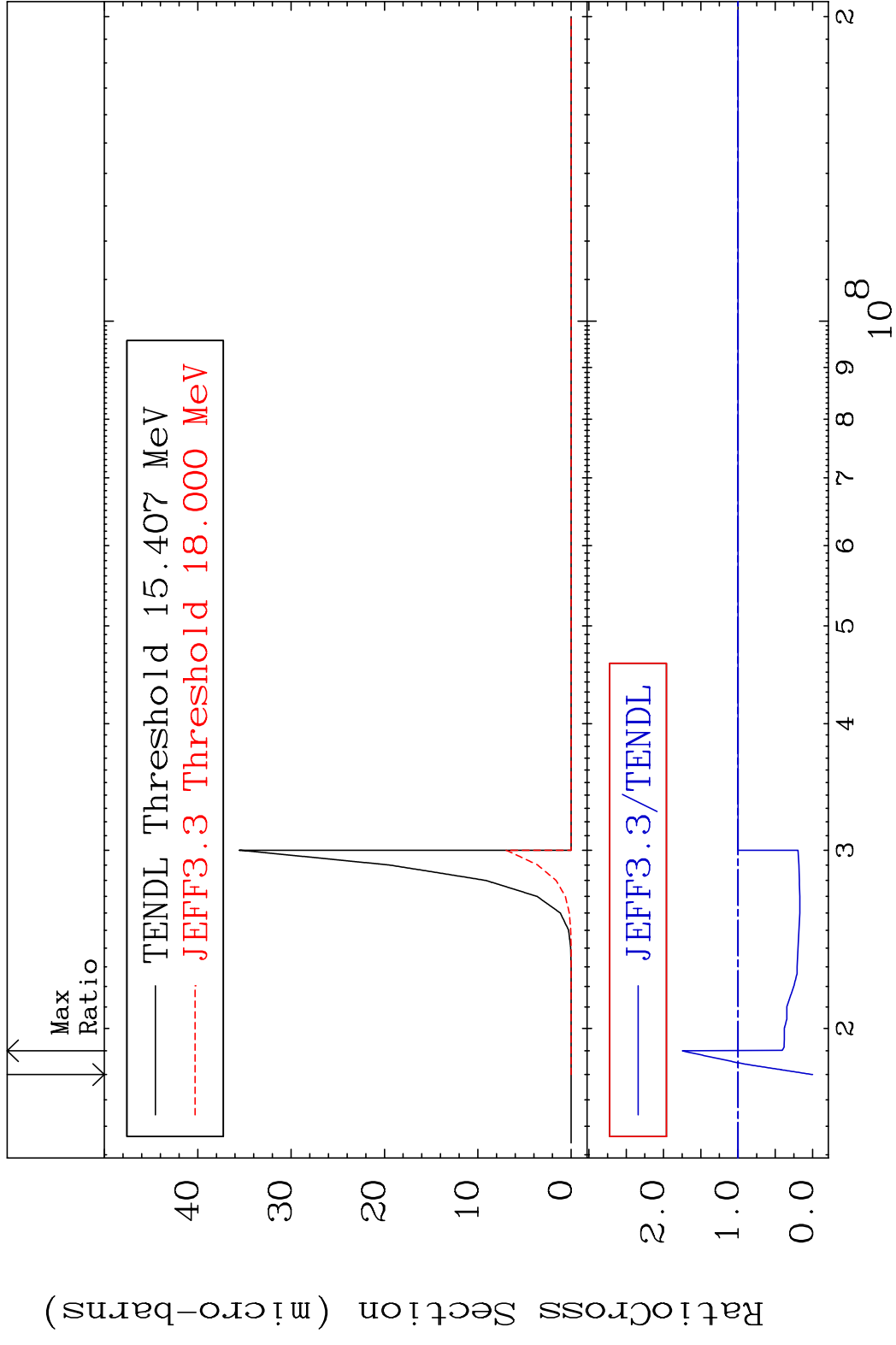
MAT 4725 (n,4n):47-Ag-104g 47-Ag-107
 Radionuclide Production Cross Section 9999. %



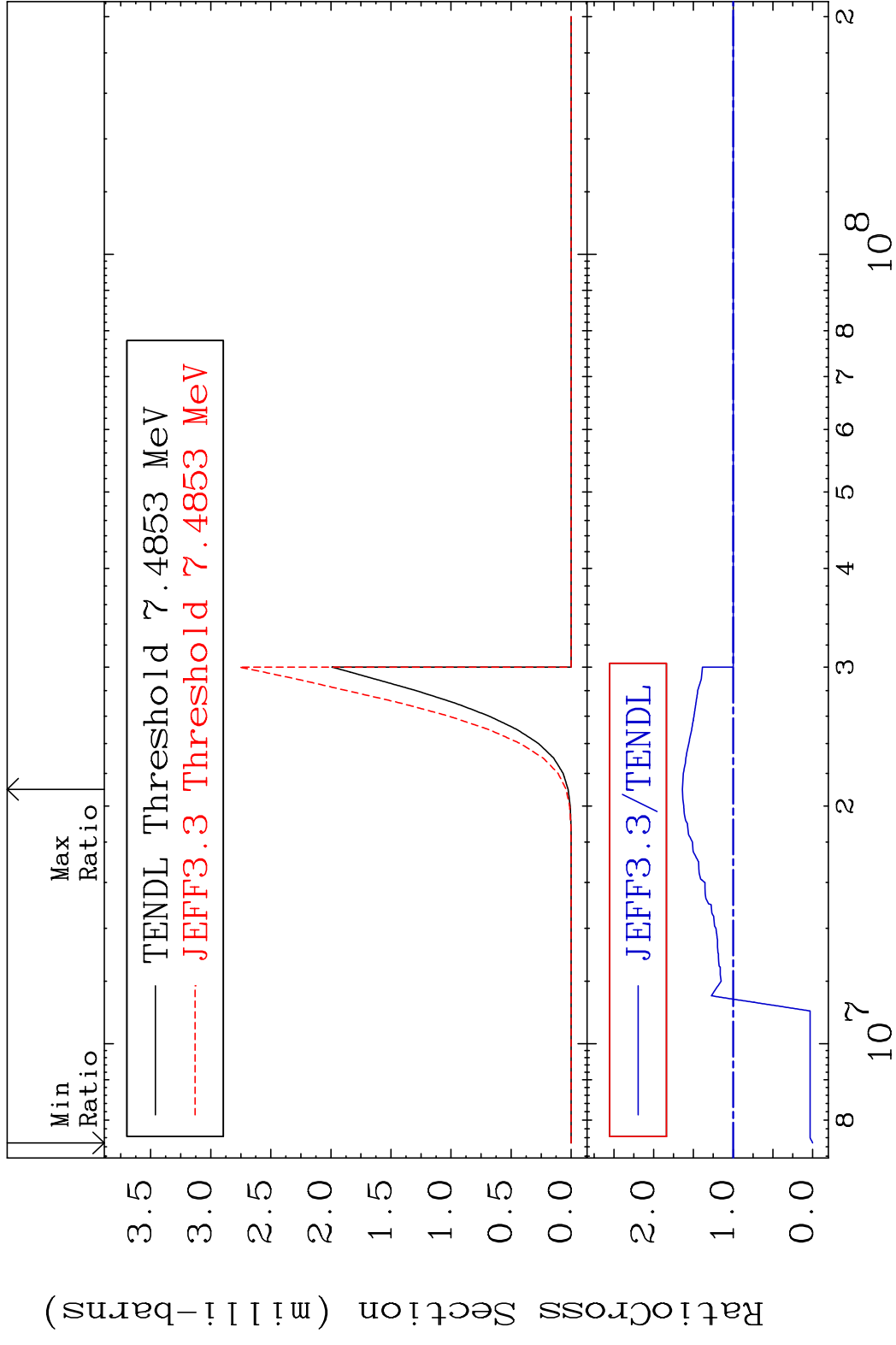


MAT 4725 (n,2n) p:45-Rh-105g 47-Ag-107
 Radionuclide Production Cross Section Ratio 13.77 %

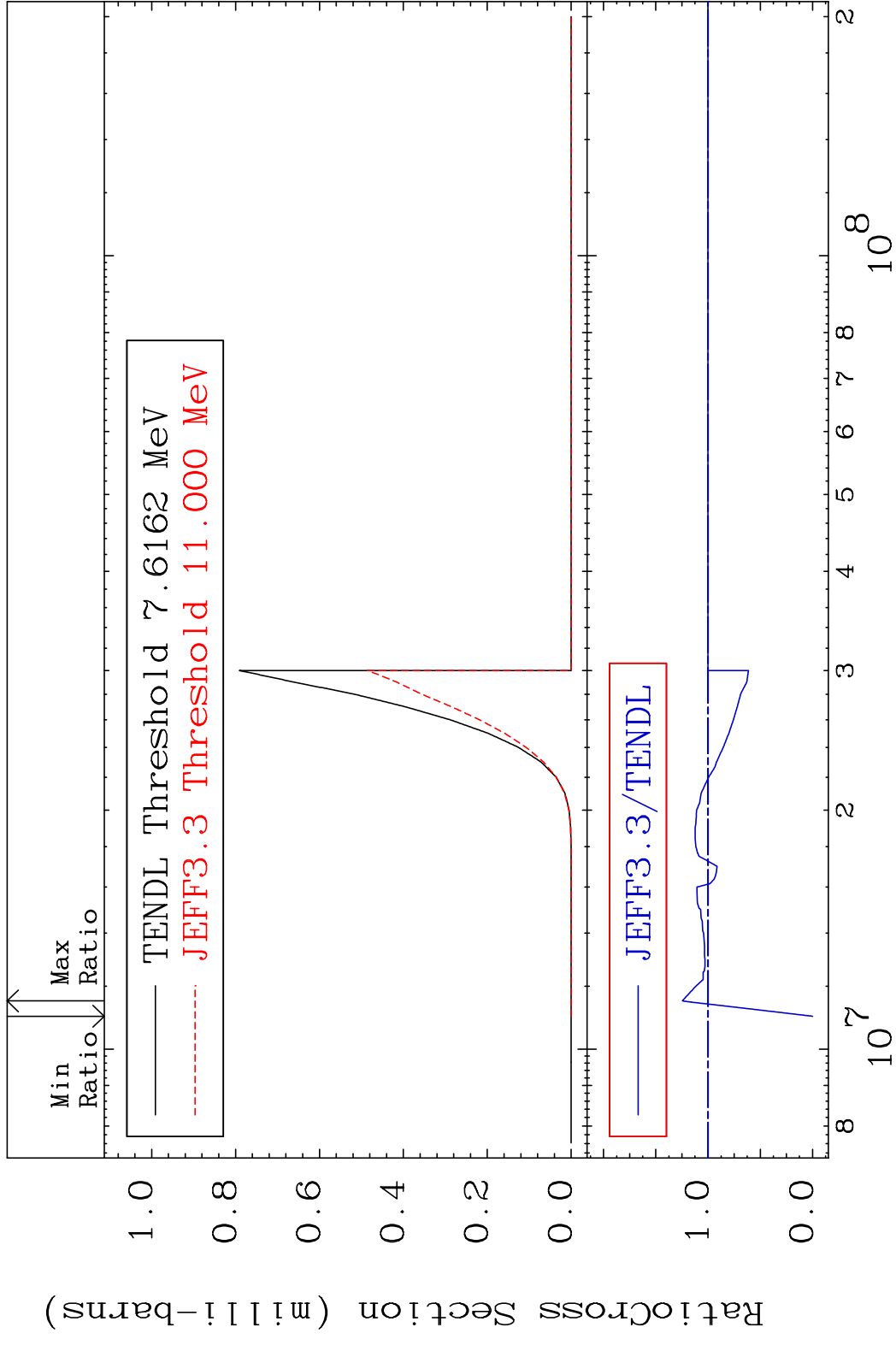




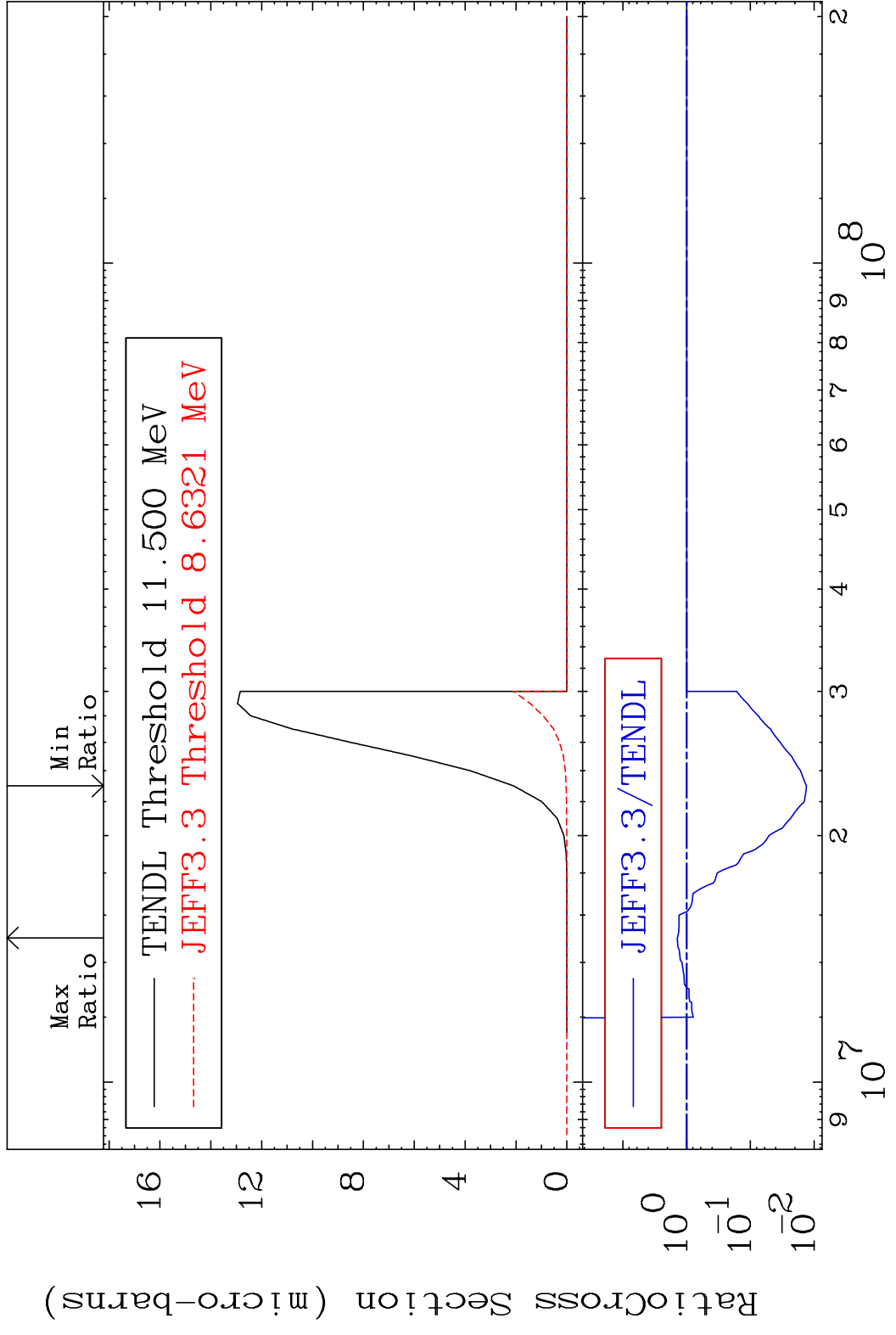
MAT 4725 (n, He-3): 45-Rh-105g 47-Ag-107
 Radionuclide Production Cross Section Ratio 63.93 %



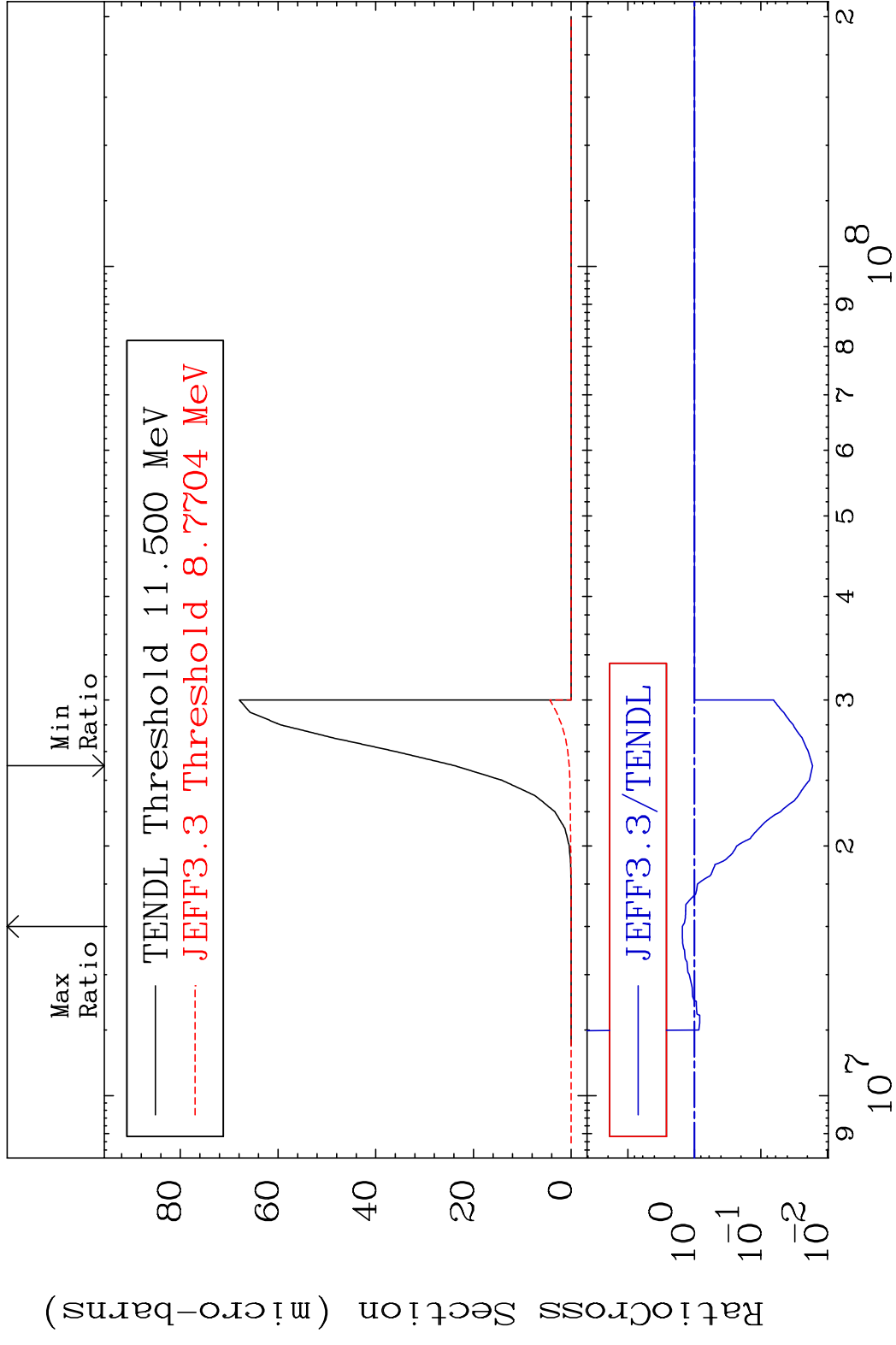
MAT 4725 (n, He-3) : 45-Rh-105m1 47-Ag-107
 Radionuclide Production Cross Section 180.01 dth 24.58 %



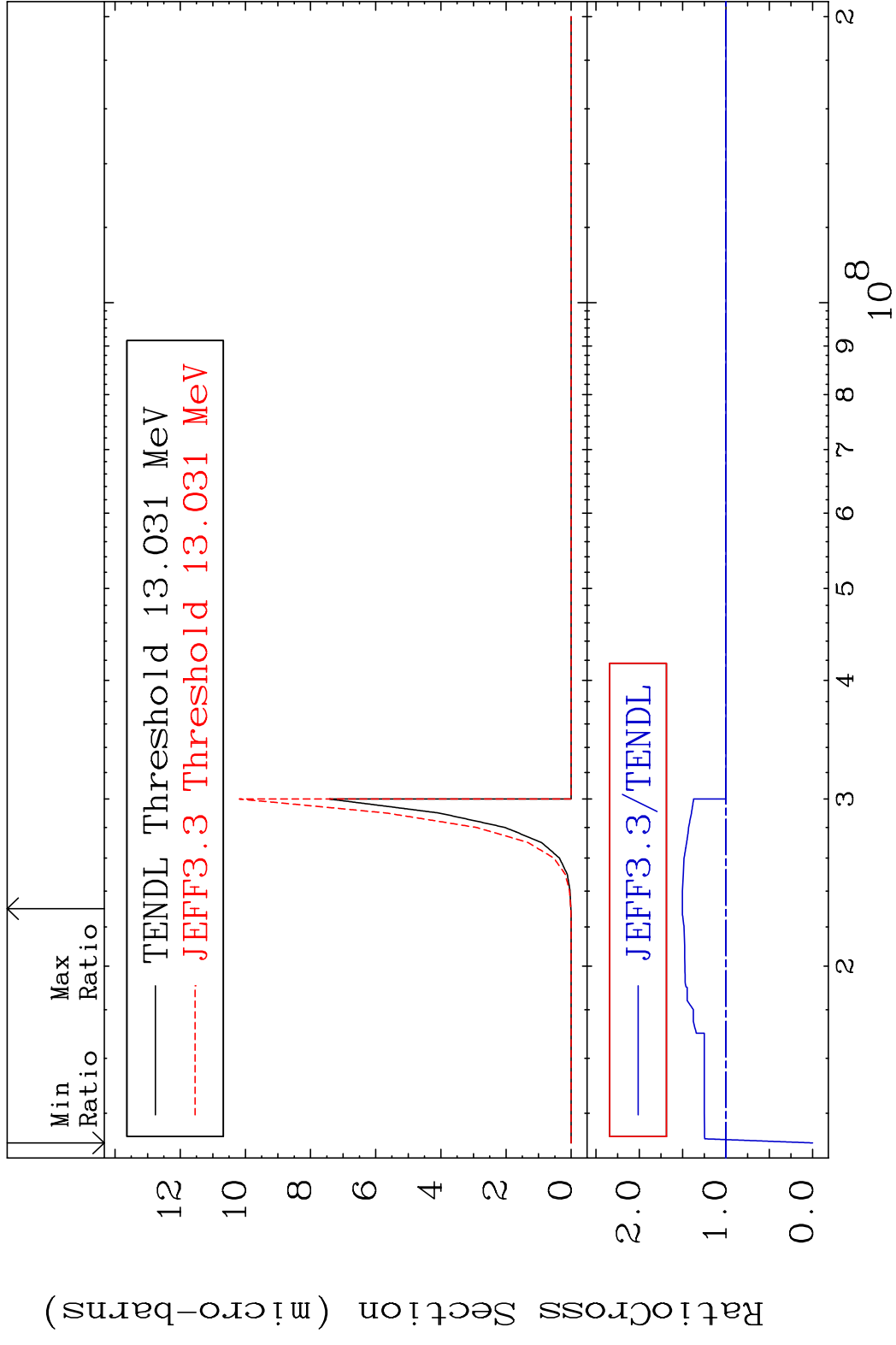
MAT 4725 (n,2p):45-Rh-106g 47-Ag-107
 Radionuclide Production Cross Section 98.661 d/o 40.65 %



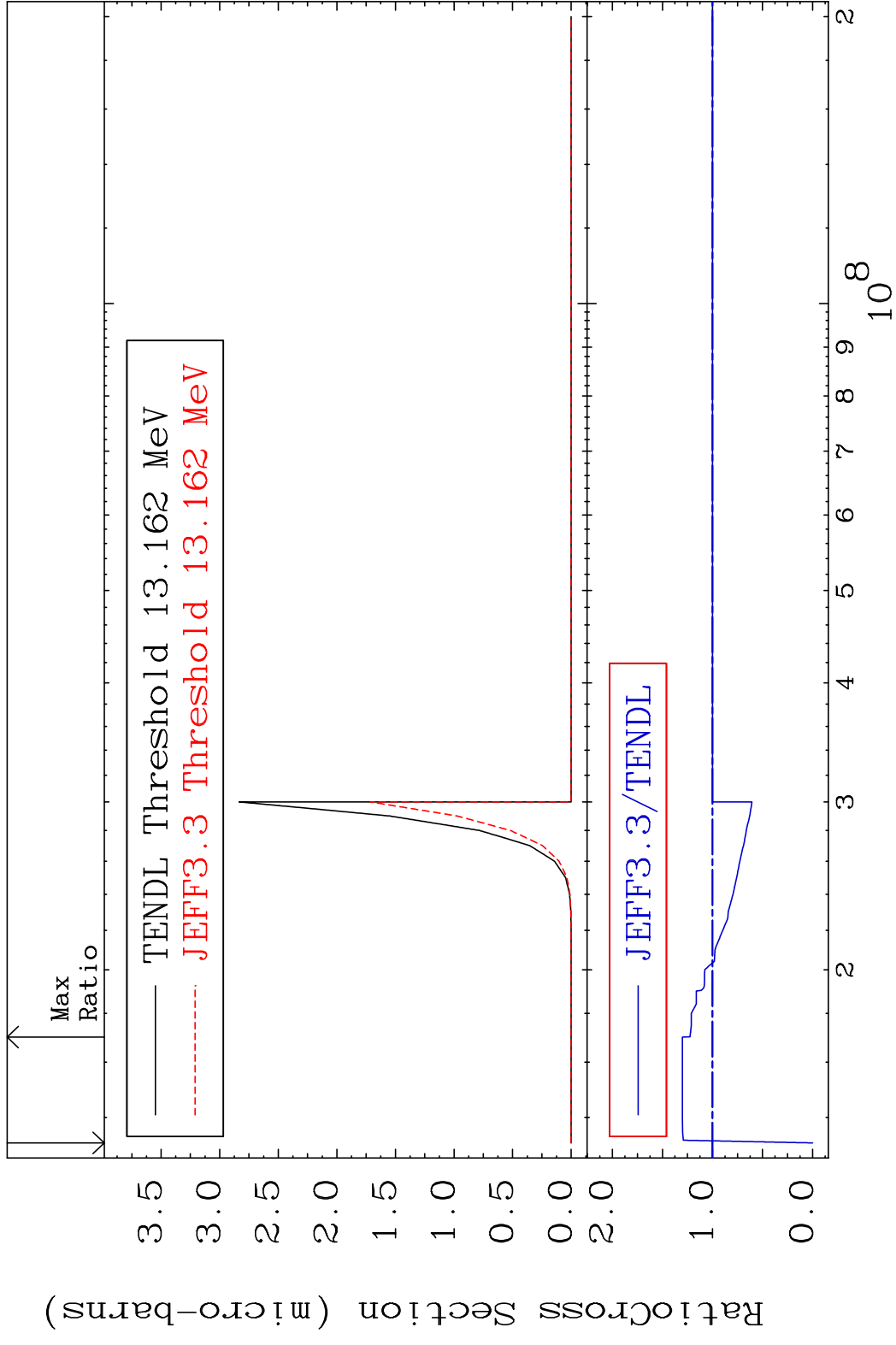
90 47-Ag-107



MAT 4725 (n, p) d:45-Rh-105g 47-Ag-107
 Radionuclide Production Cross Section 100.01 dth 50.28 %



MAT 4725 (n, p) d:45-Rh-105m1 47-Ag-107
 Radionuclide Production Cross Section 180.01 dth 30.10 %



MAT 4725 (n,p) t:45-Rh-104g 47-Ag-107
 Radionuclide Production Cross Section 180.0 dth 160.2 %

