

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

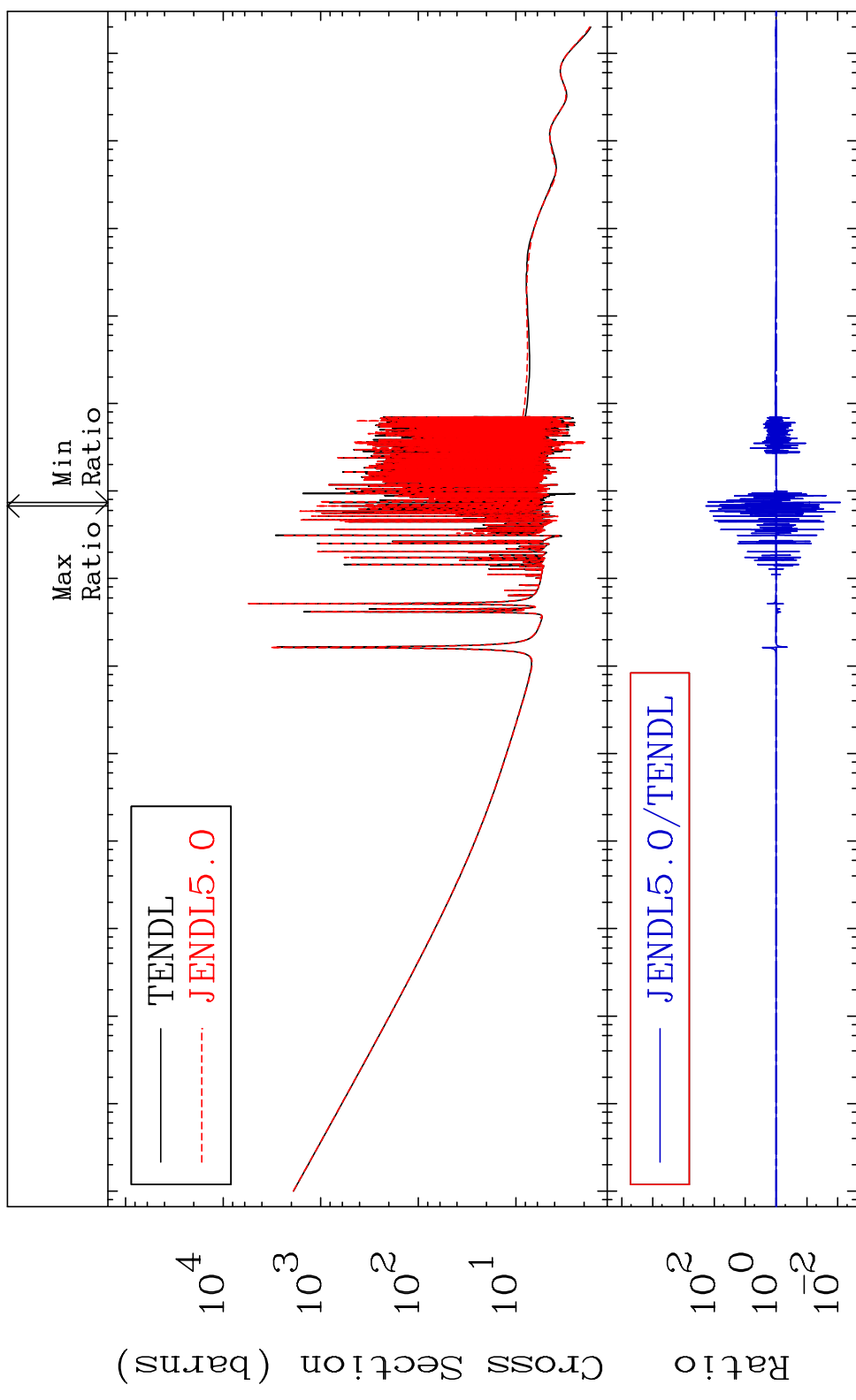
MAT 4725

Total

47-Ag-107

Cross Section

-99.18 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

47-Ag-107

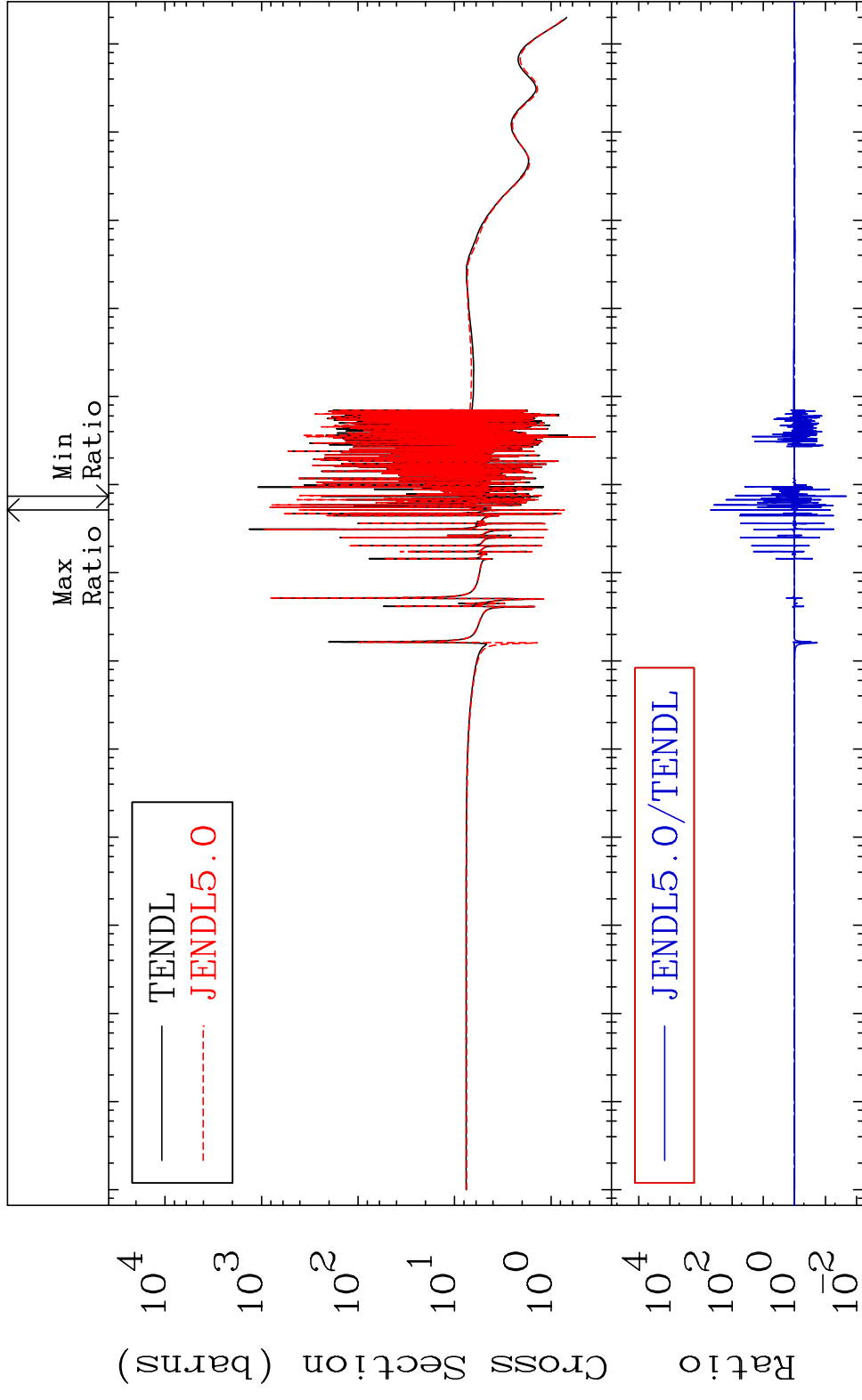
MAT 4725

Elastic

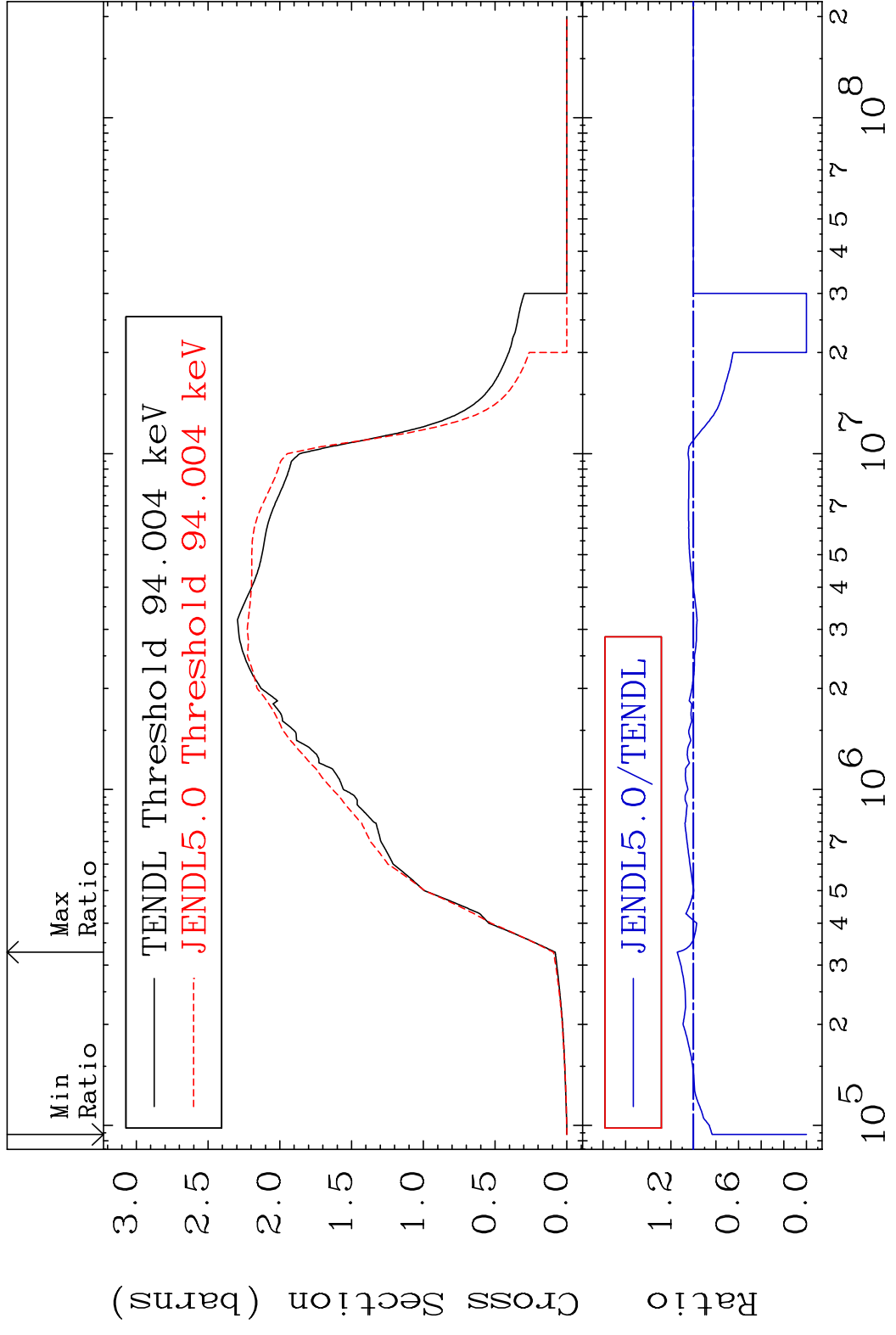
47-Ag-107

Cross Section

-97.86 To 9999. %



MAT 4725 Inelastic 47-Ag-107
 Cross Section -100.0 To 14.35 %



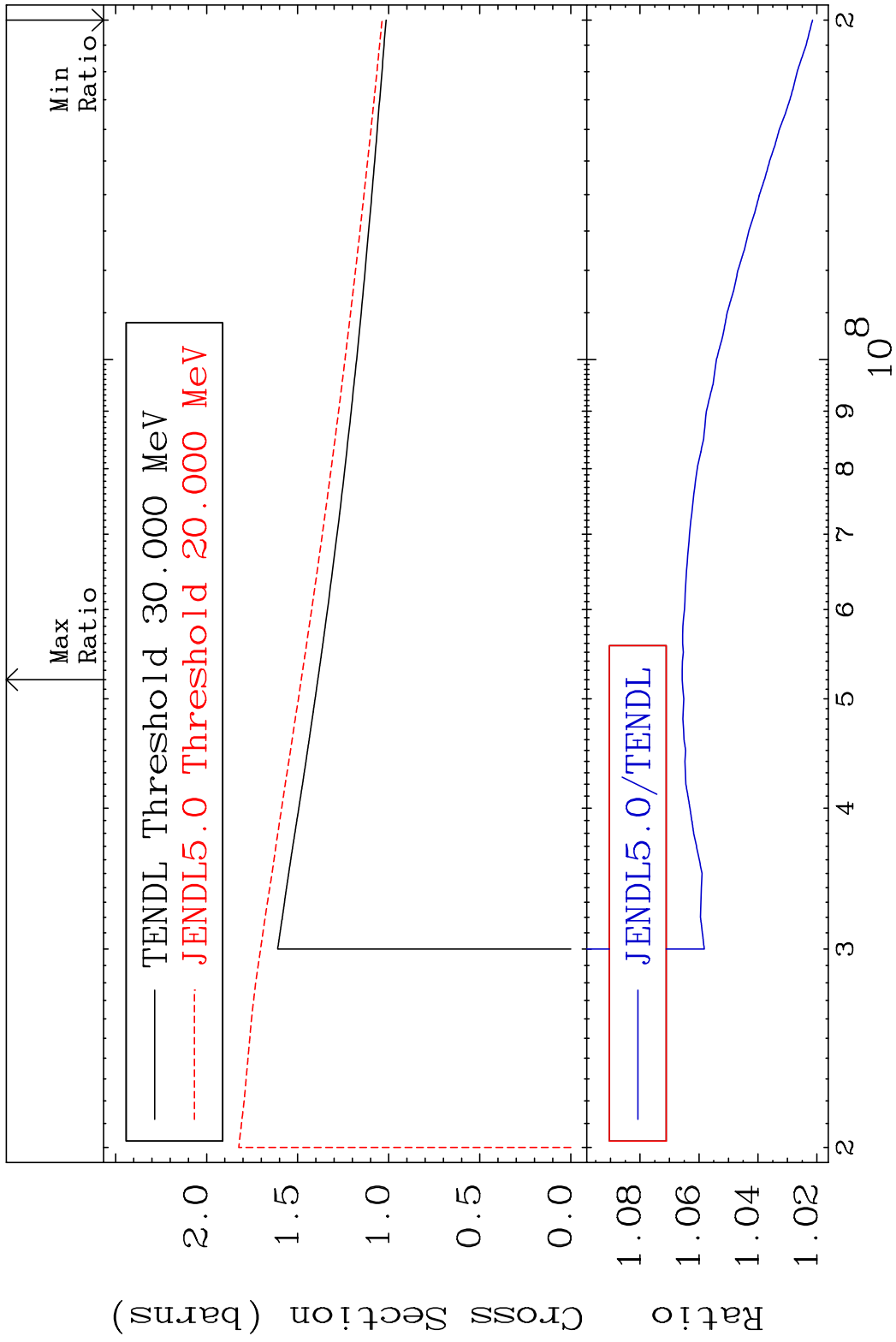
3 Incident Energy (eV) 47-Ag-107

MAT 4725

(n, remainder)

47-Ag-107

Cross Section 2.152 To 6.571 %

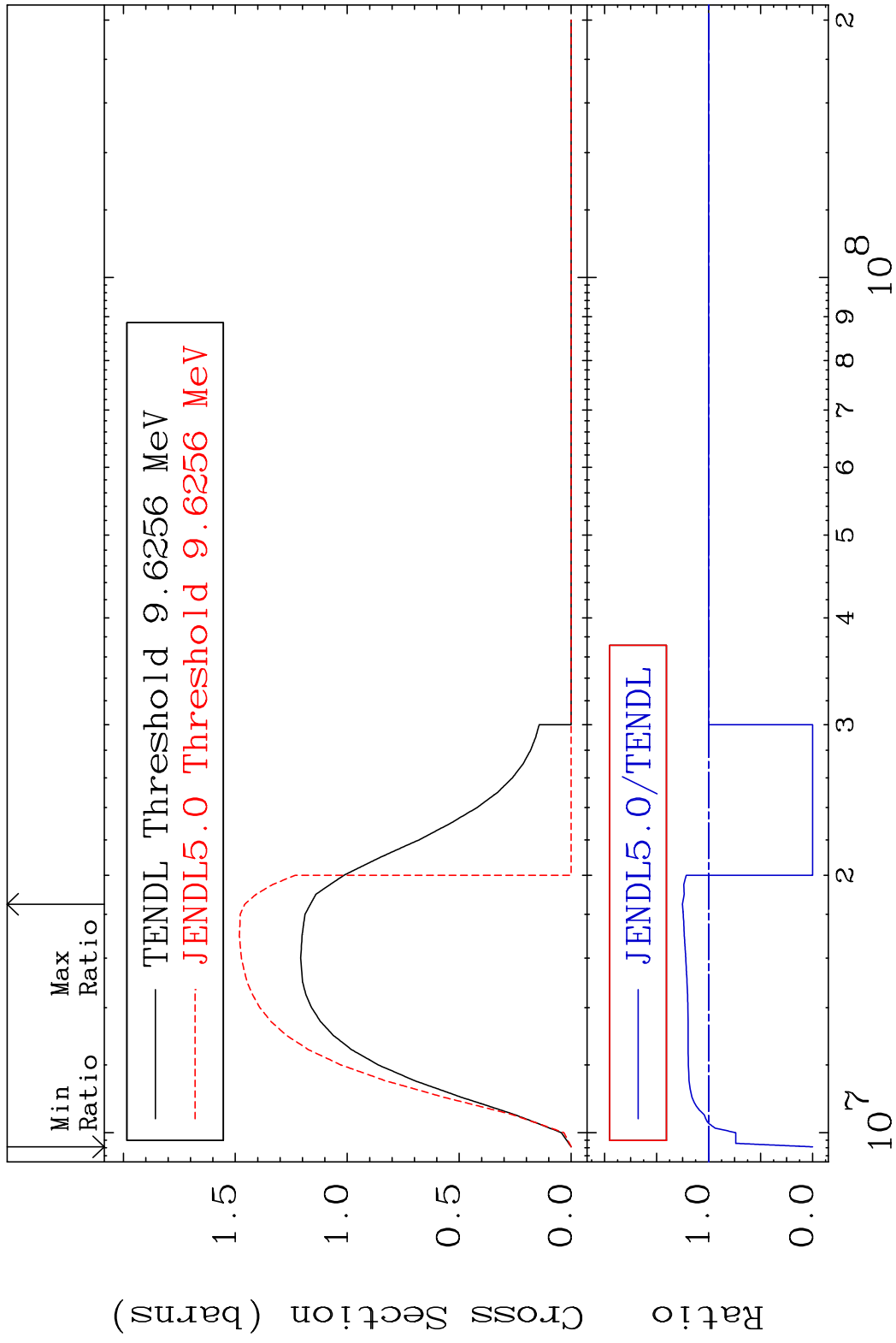


4

Incident Energy (eV)

47-Ag-107

MAT 4725 (n,2n) 47-Ag-107
Cross Section -100.0 To 25.19 %



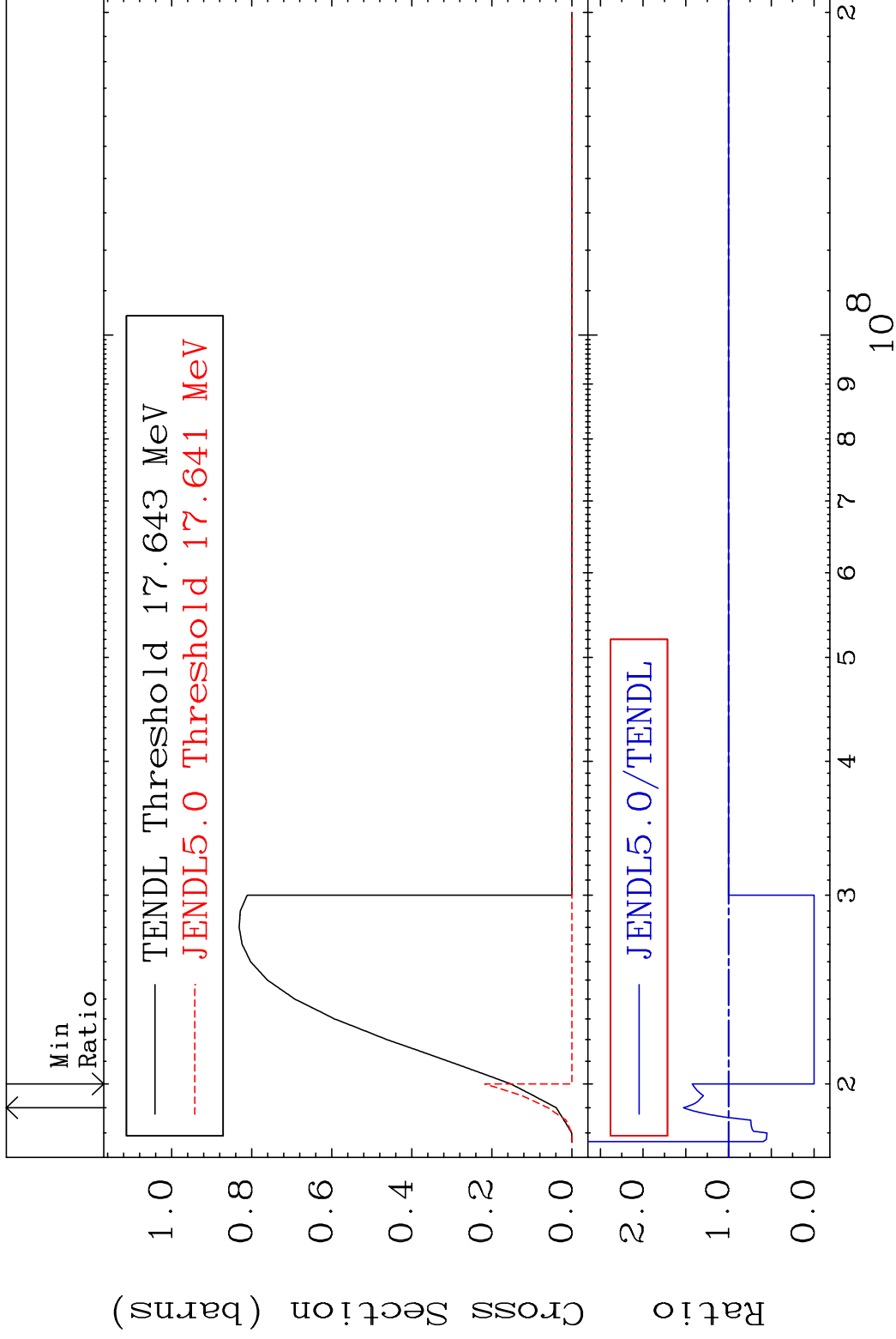
5 Incident Energy (eV) 47-Ag-107

MAT 4725

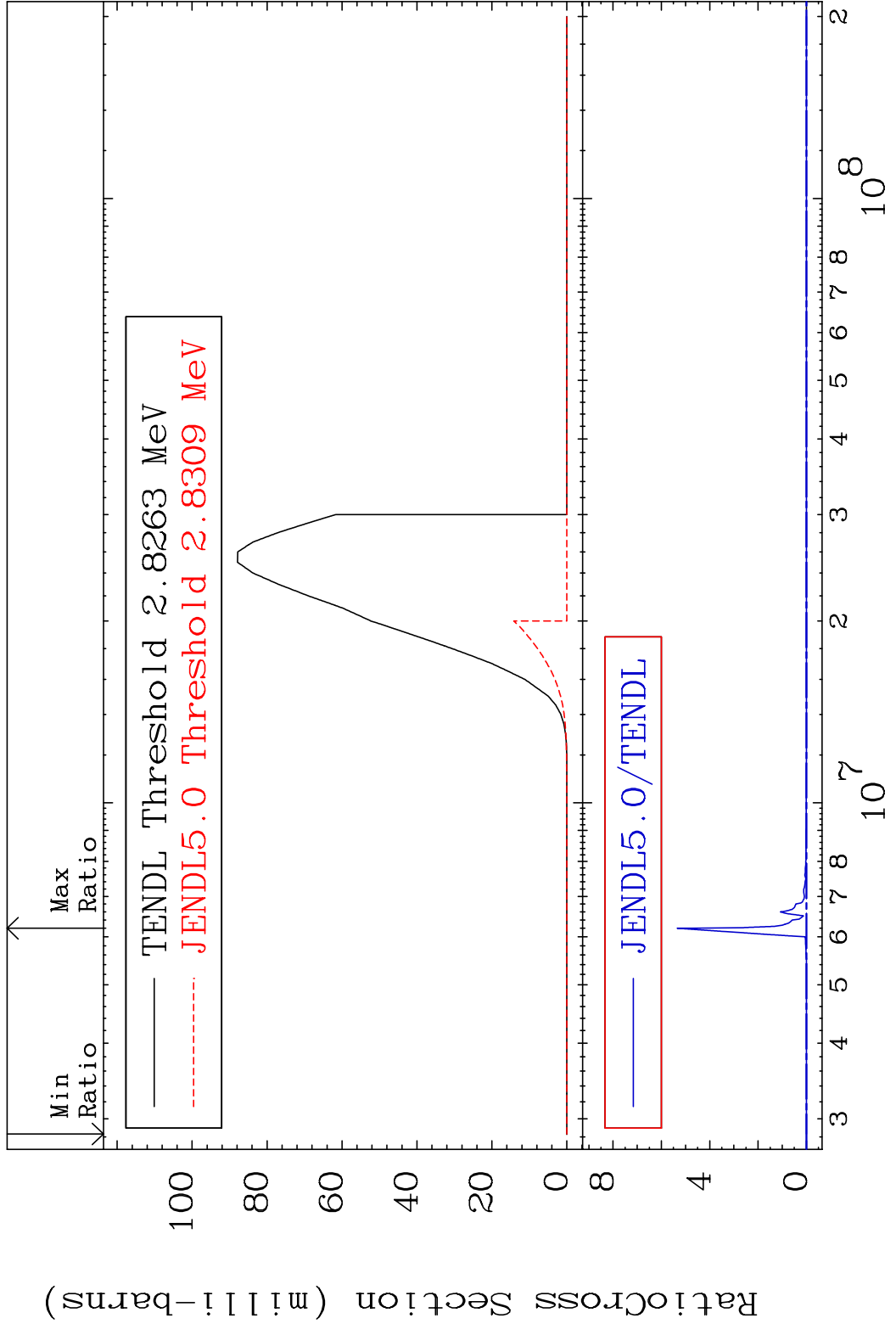
(n,3n)

47-Ag-107

Cross Section -100.0 To 52.79 %



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

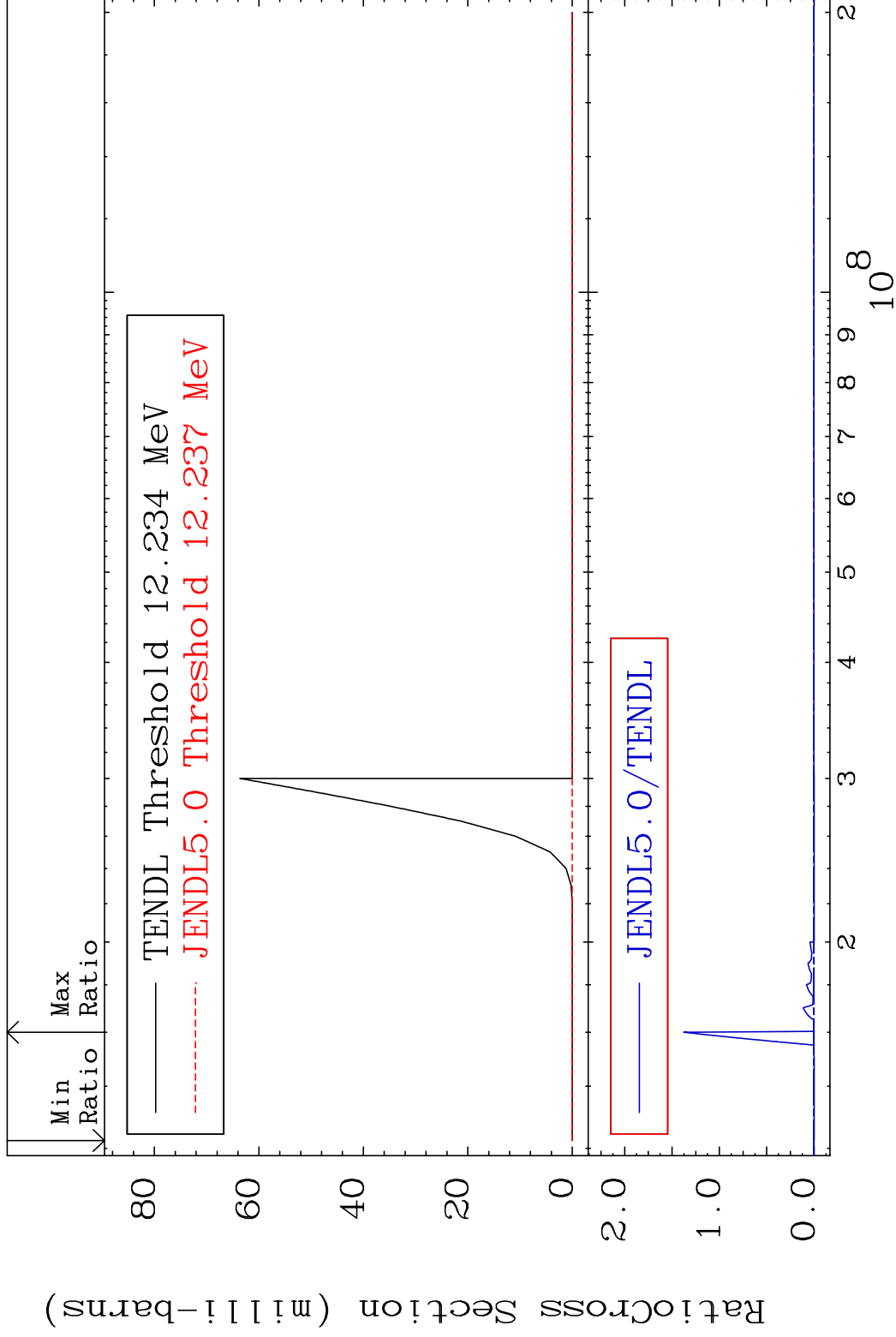


MAT 4725

(n,2n) α

47-Ag-107

Cross Section -100.0 To 9999. %

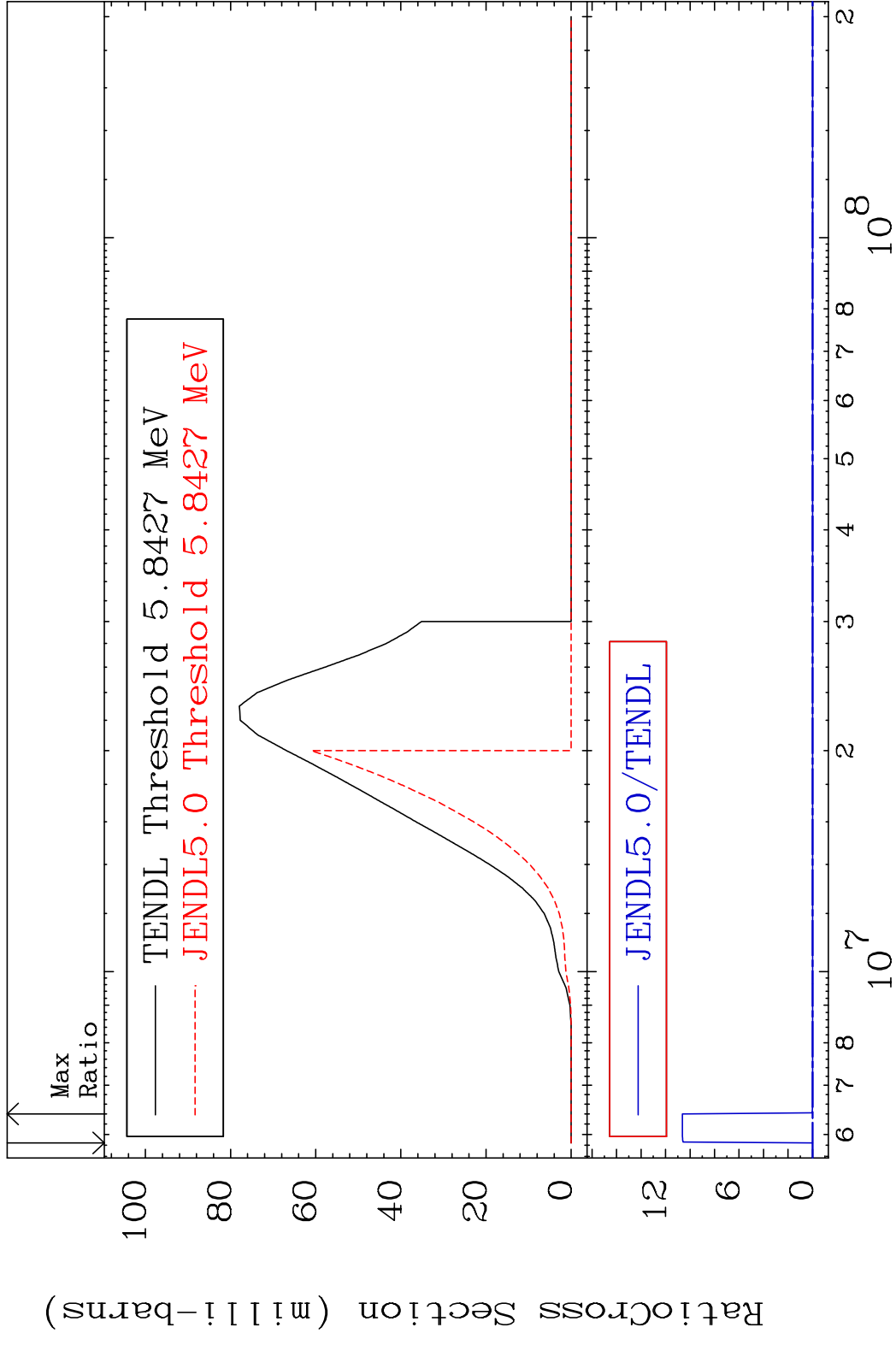


8

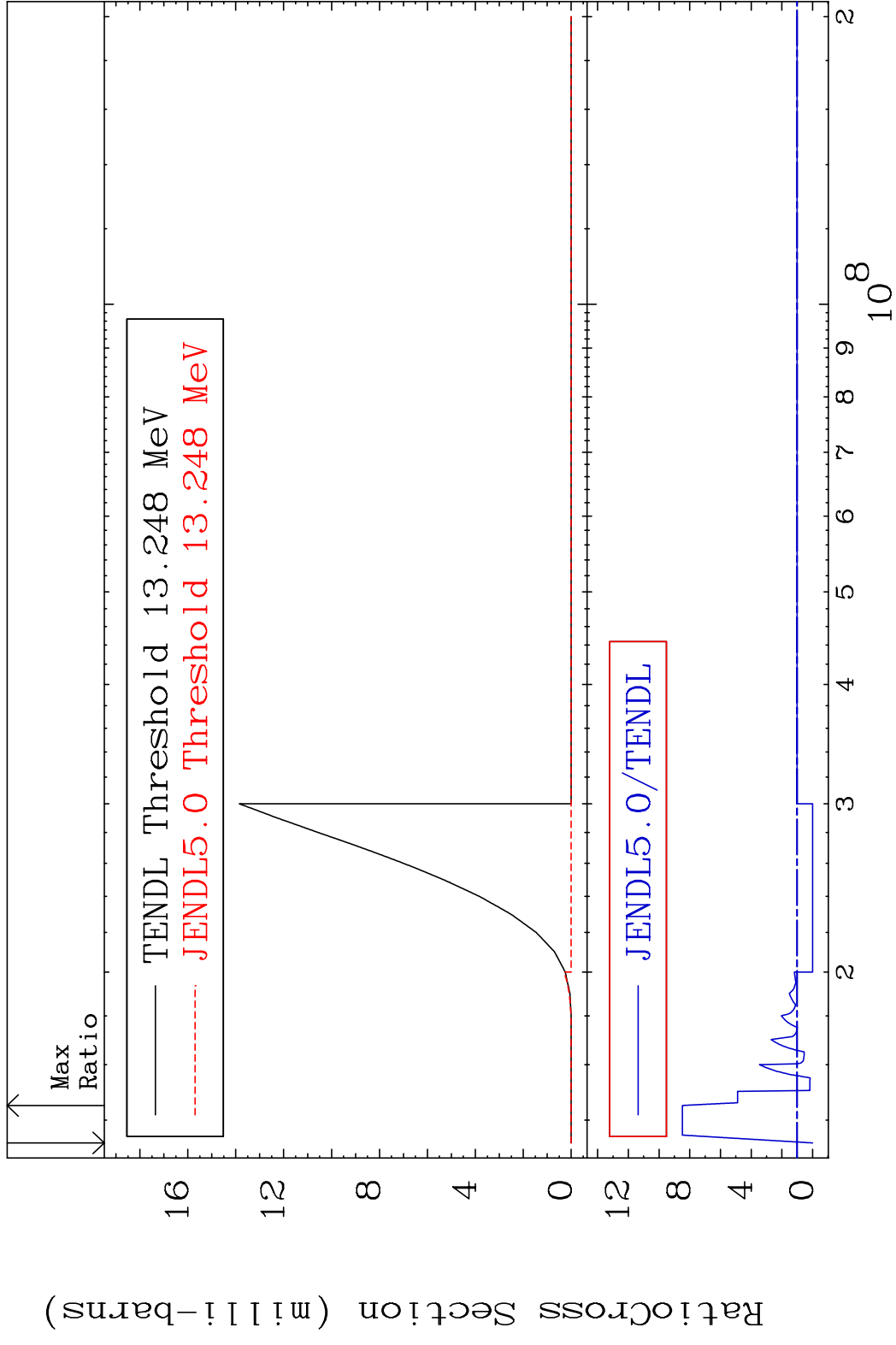
Incident Energy (eV)

47-Ag-107

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

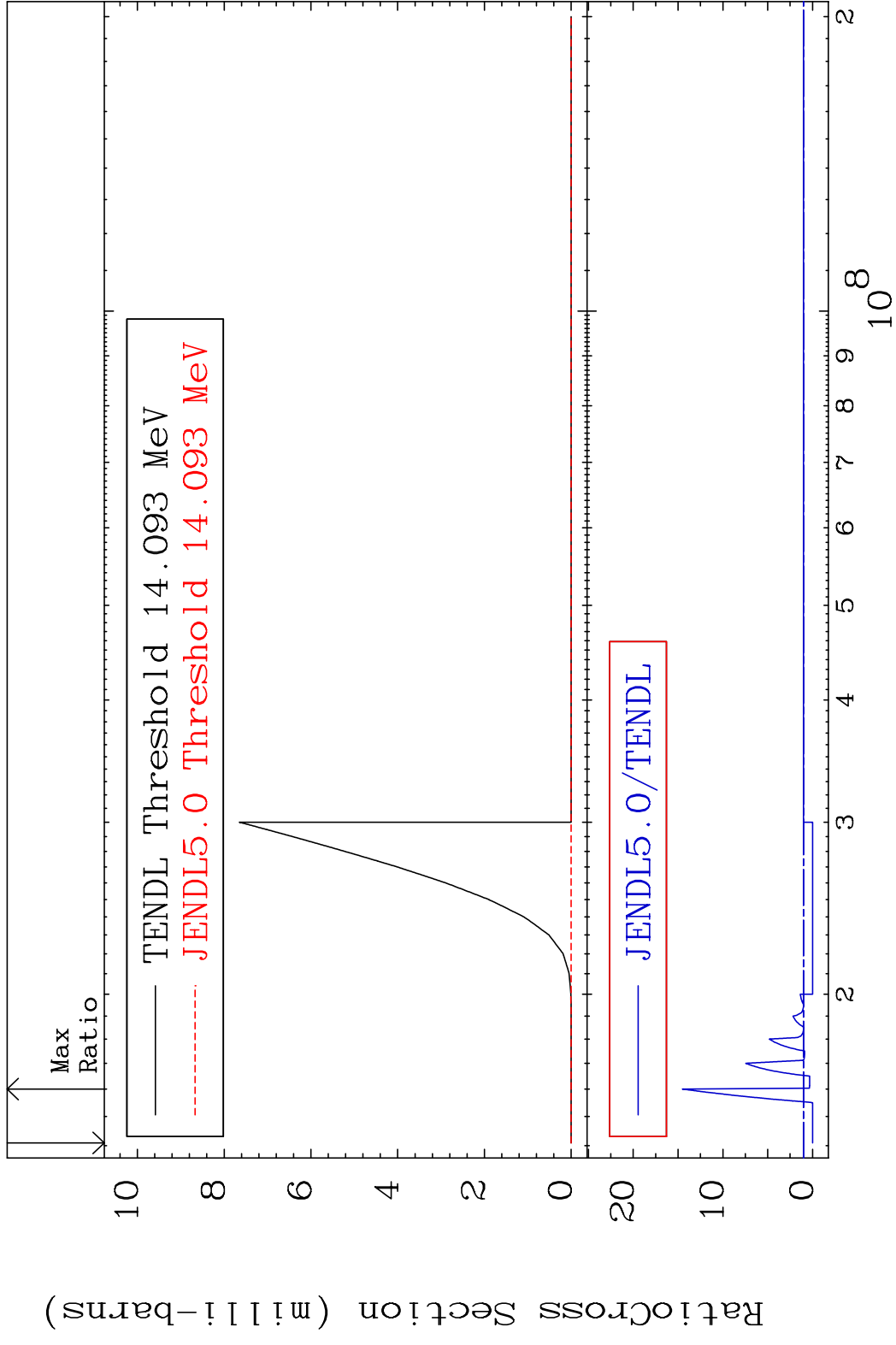


MAT 4725 (n, n') d 47-Ag-107
 Cross Section -100.0 To 748.1 %

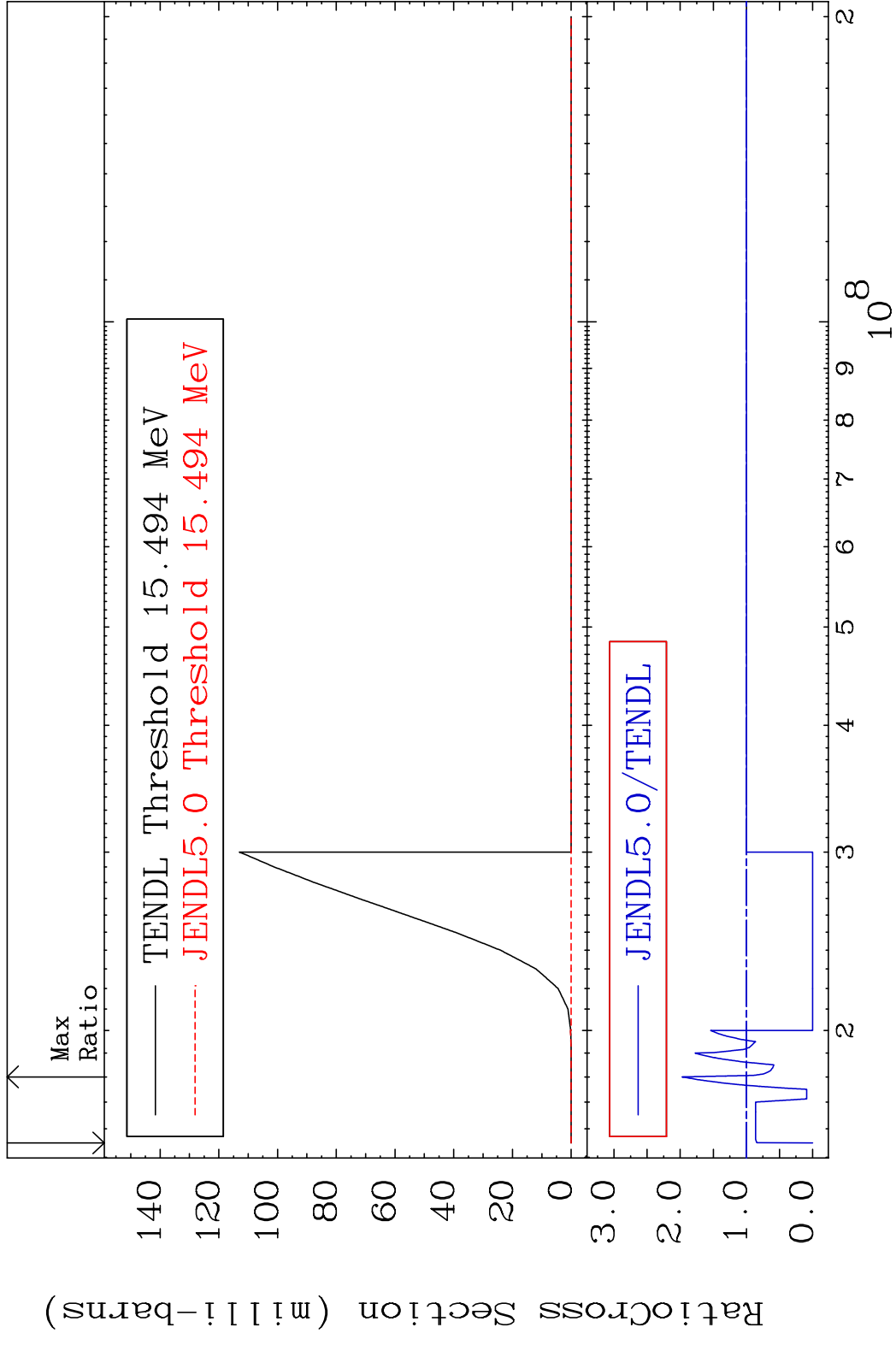


10 Incident Energy (eV) 47-Ag-107

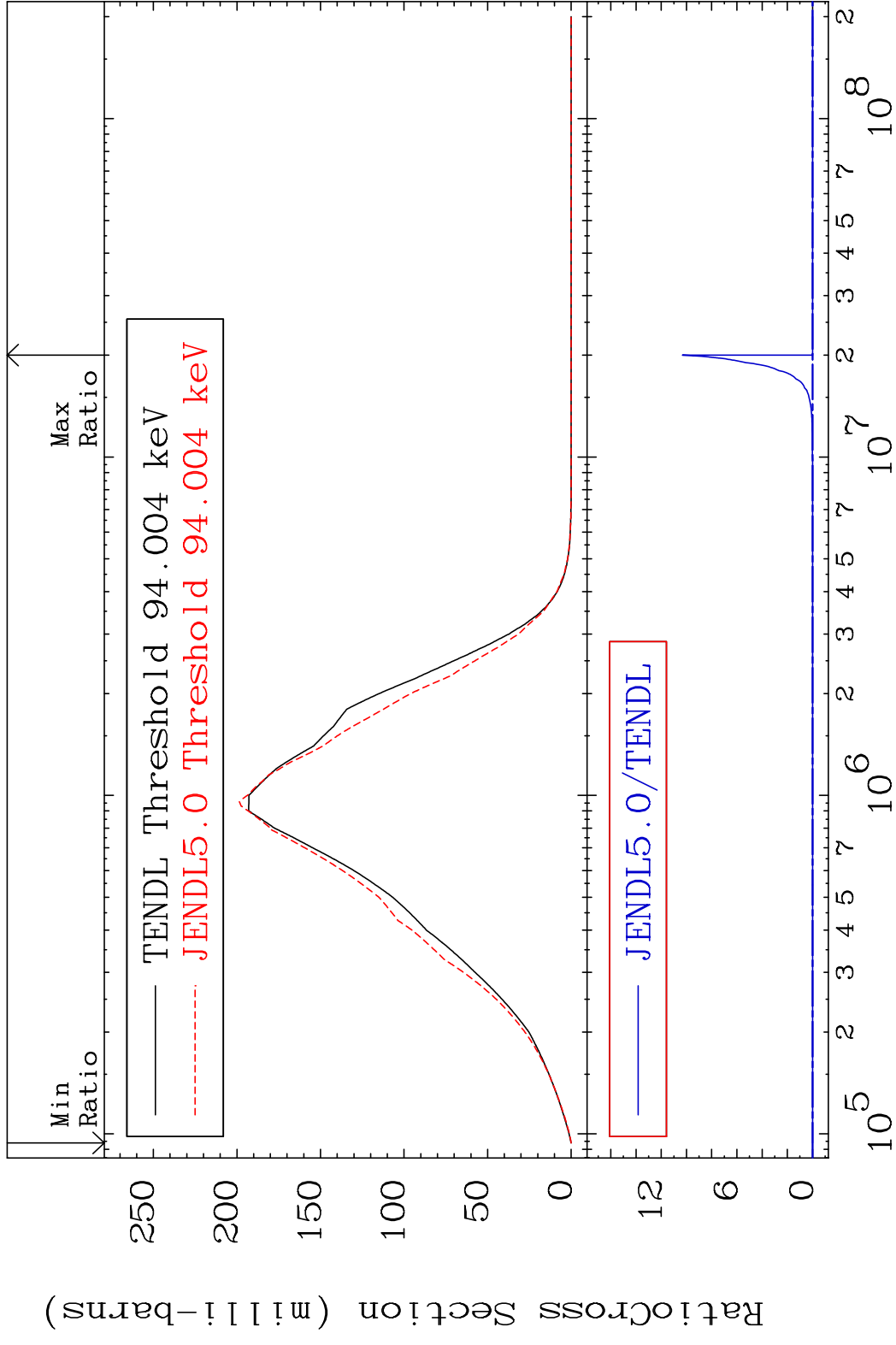
MAT 4725 (n, n') t 47-Ag-107
 Cross Section -100.0 To 1352. %



MAT 4725 (n,2n) p 47-Ag-107
 Cross Section -100.0 To 96.77 %

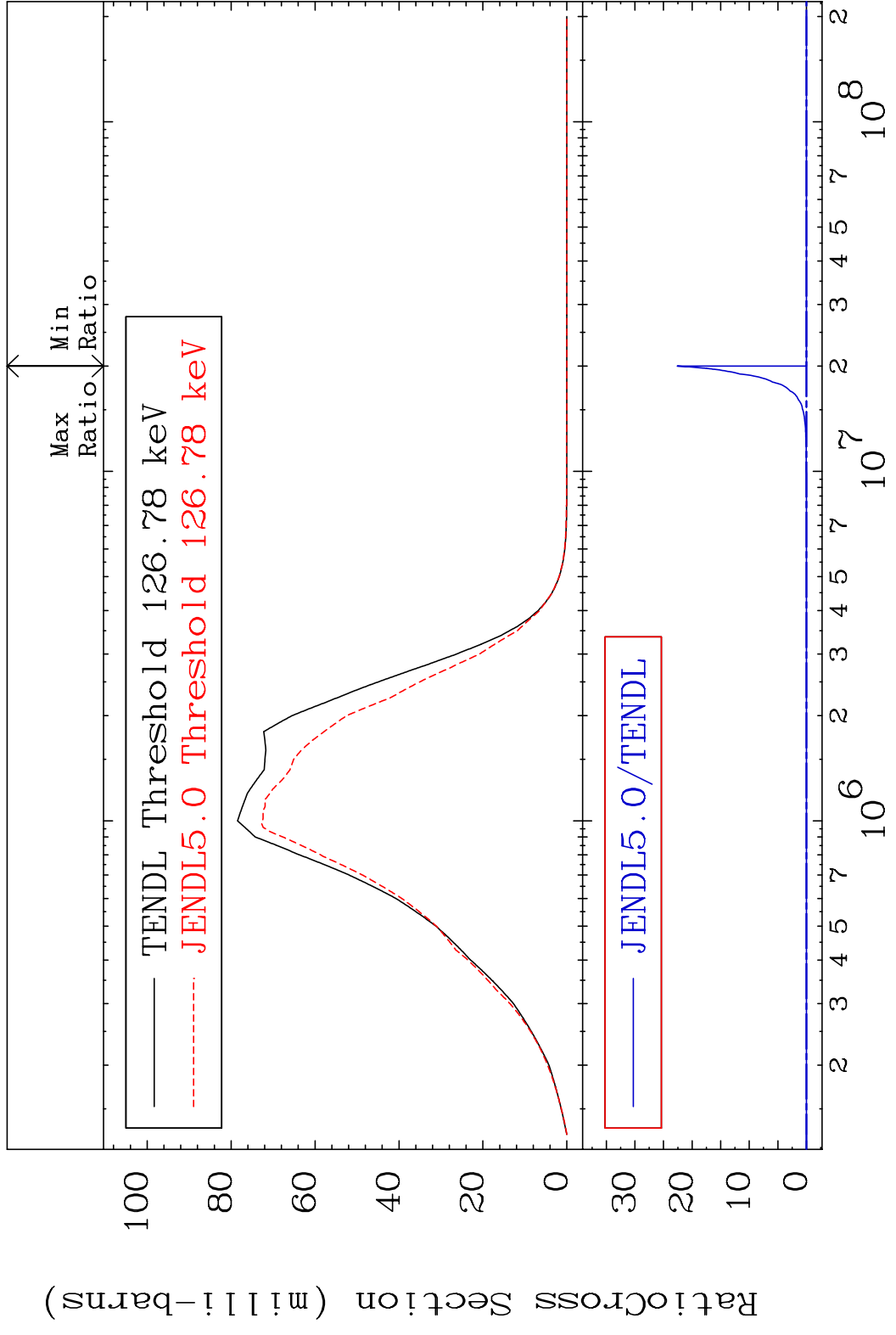


MAT 4725 MT= 51 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

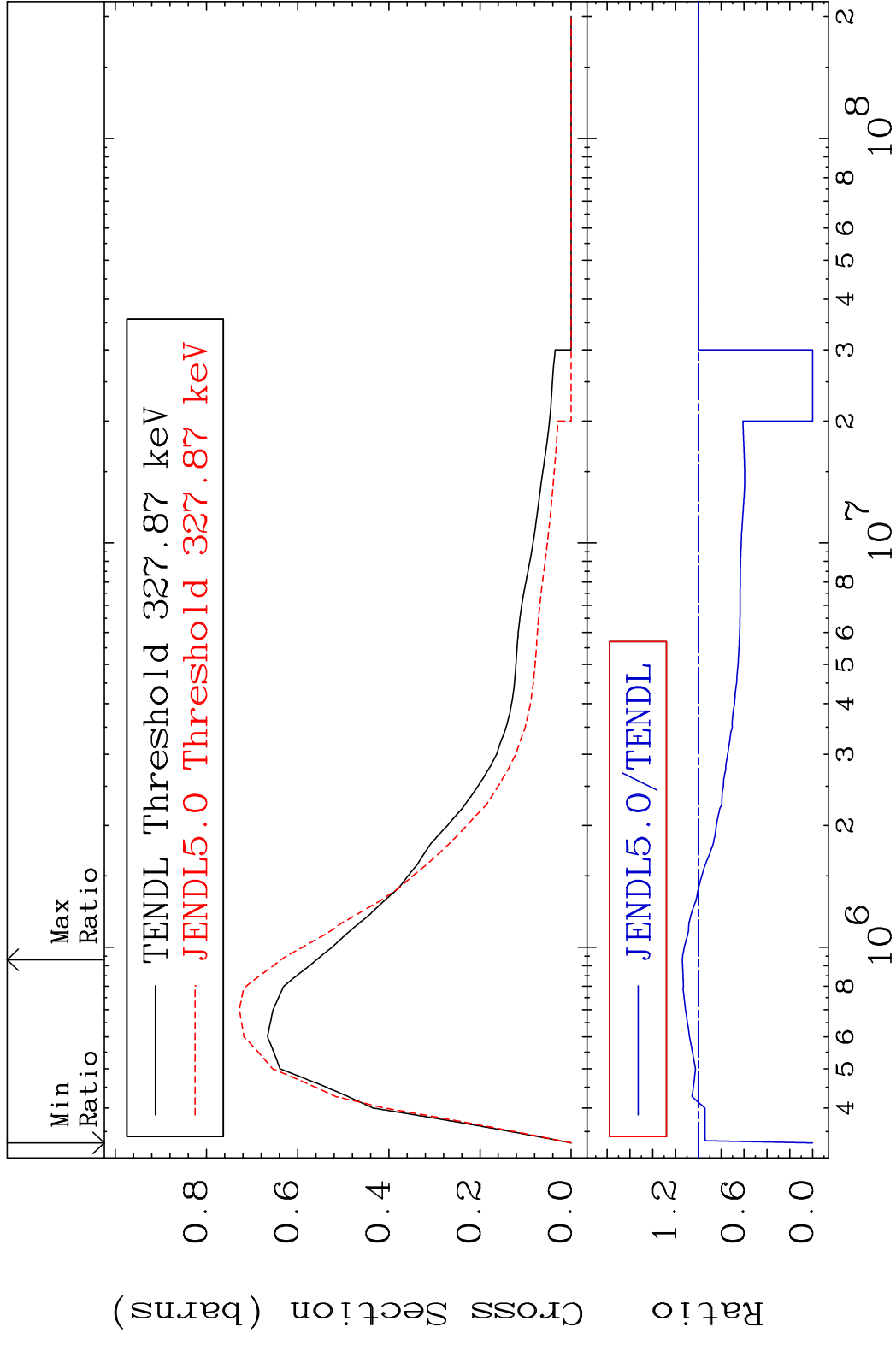


13 Incident Energy (eV) 47-Ag-107

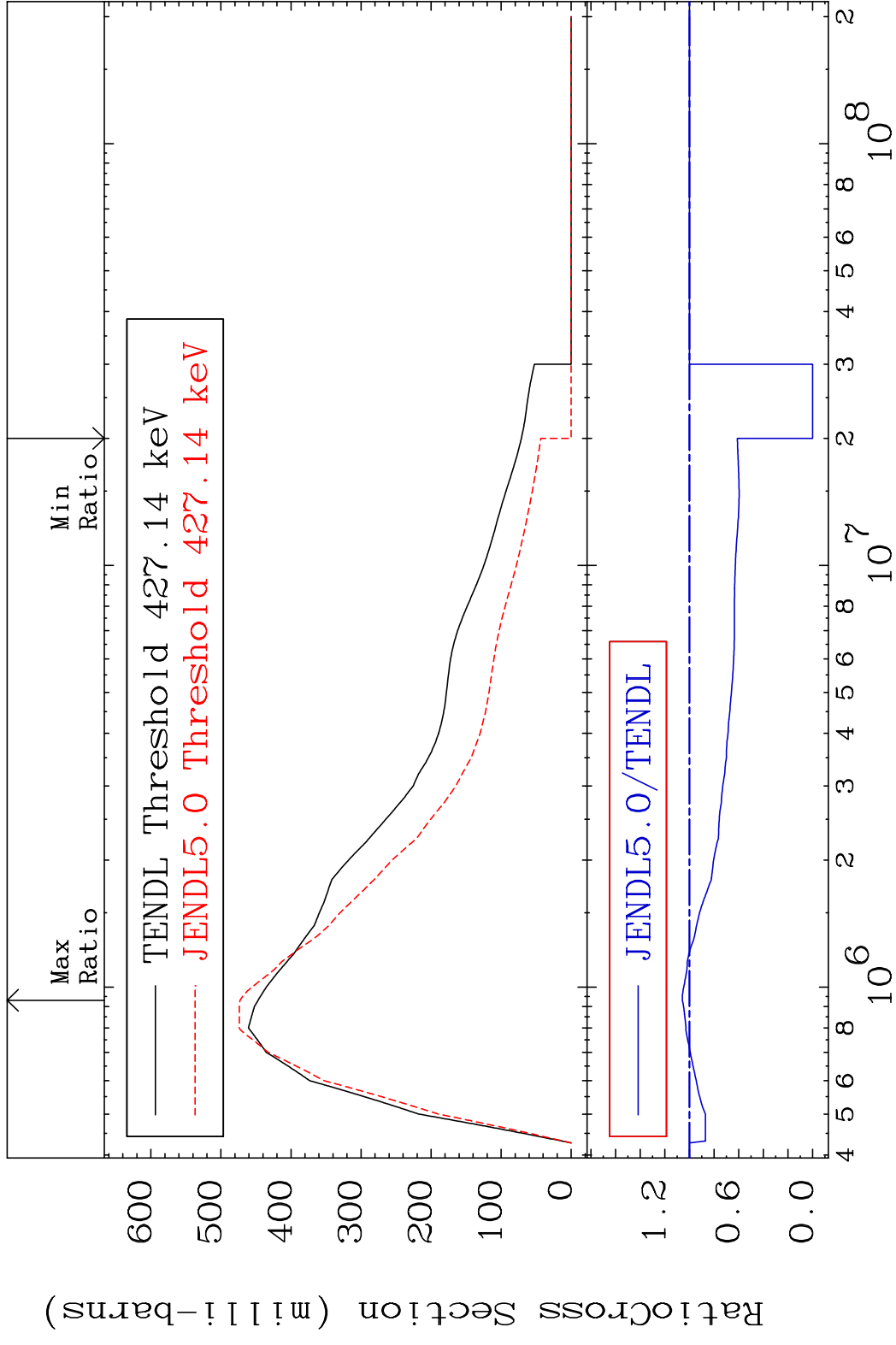
MAT 4725 MT= 52 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



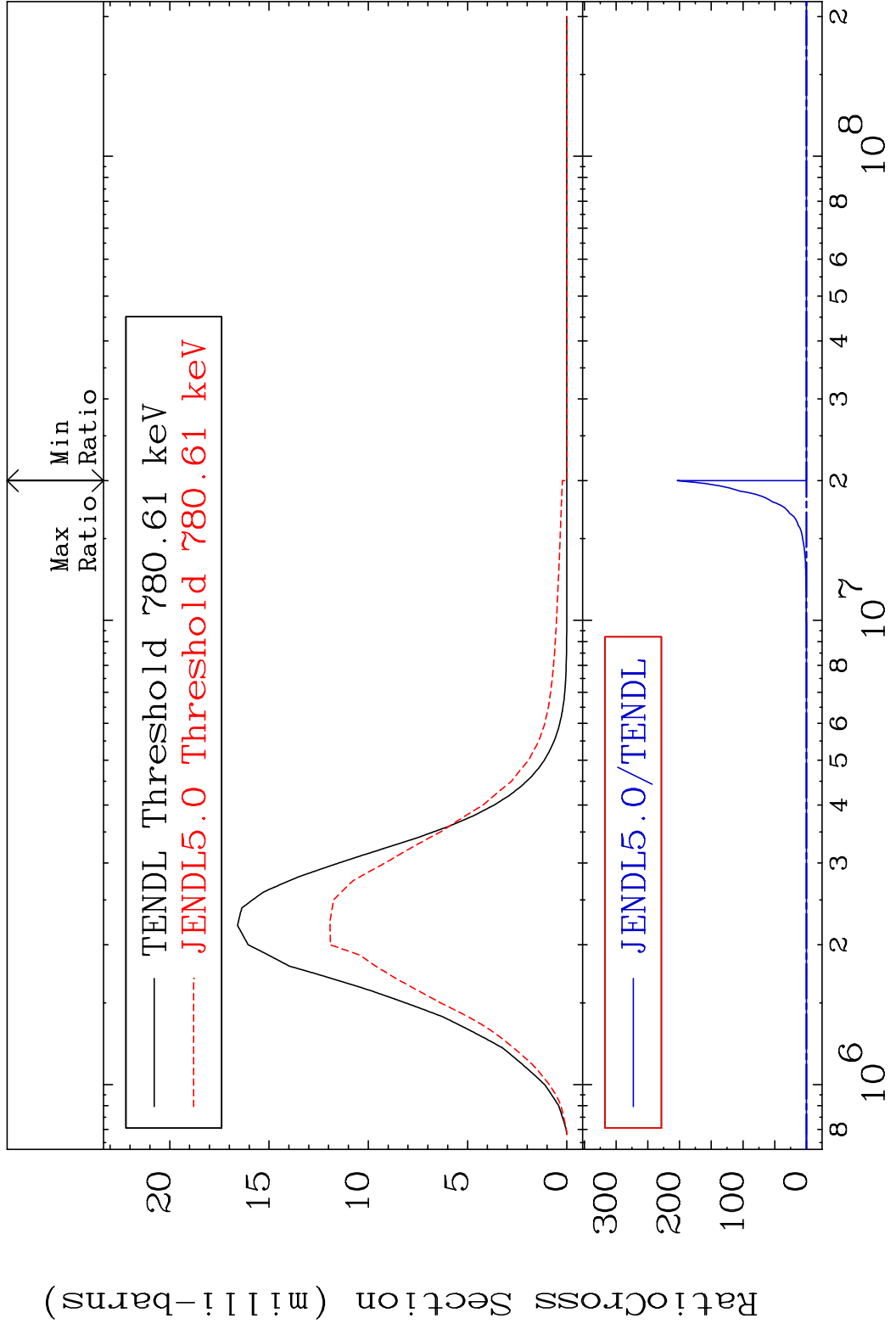
MAT 4725 MT= 53 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 14.04 %



MAT 4725 MT= 54 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 5.803 %

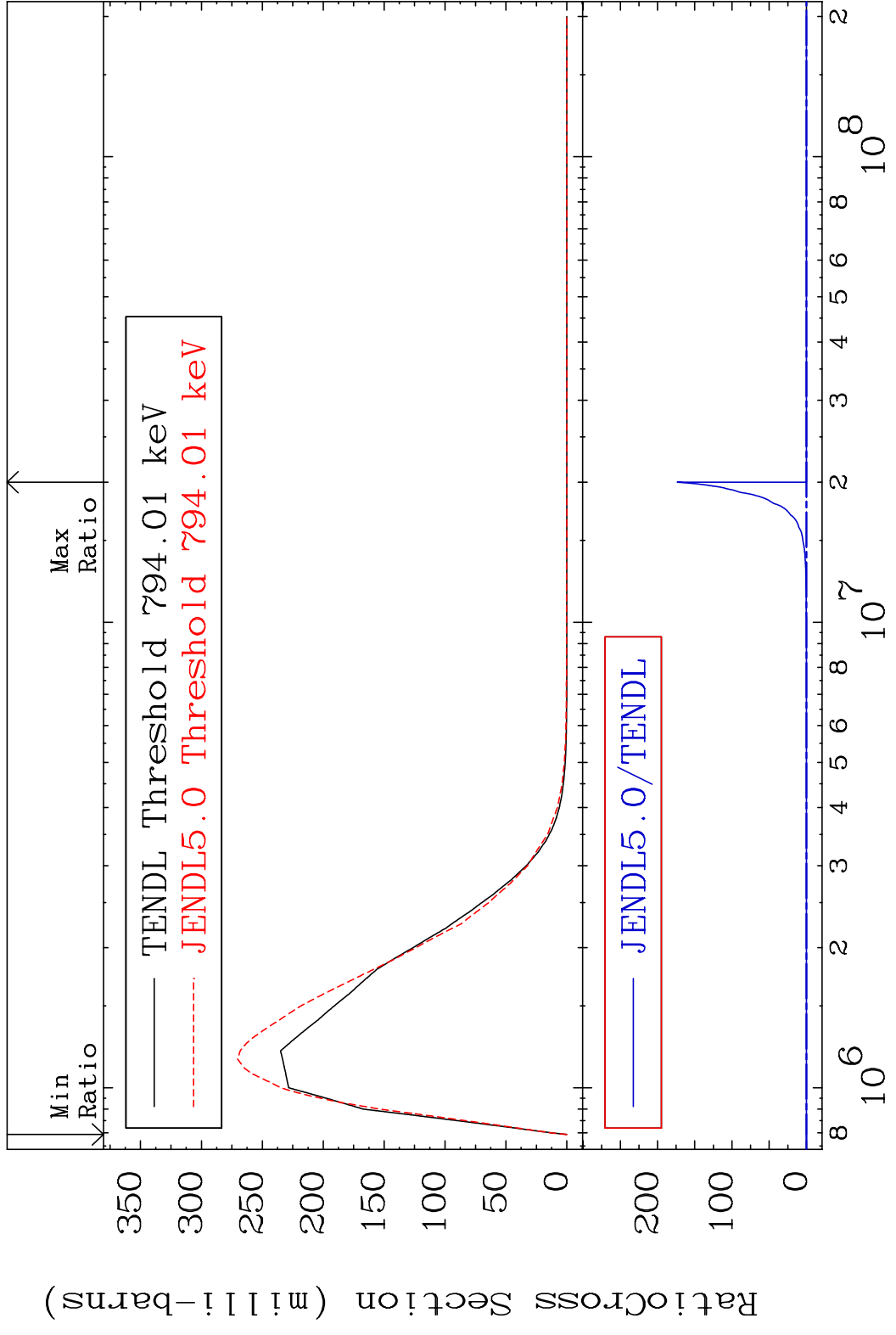


MAT 4725 MT= 55 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

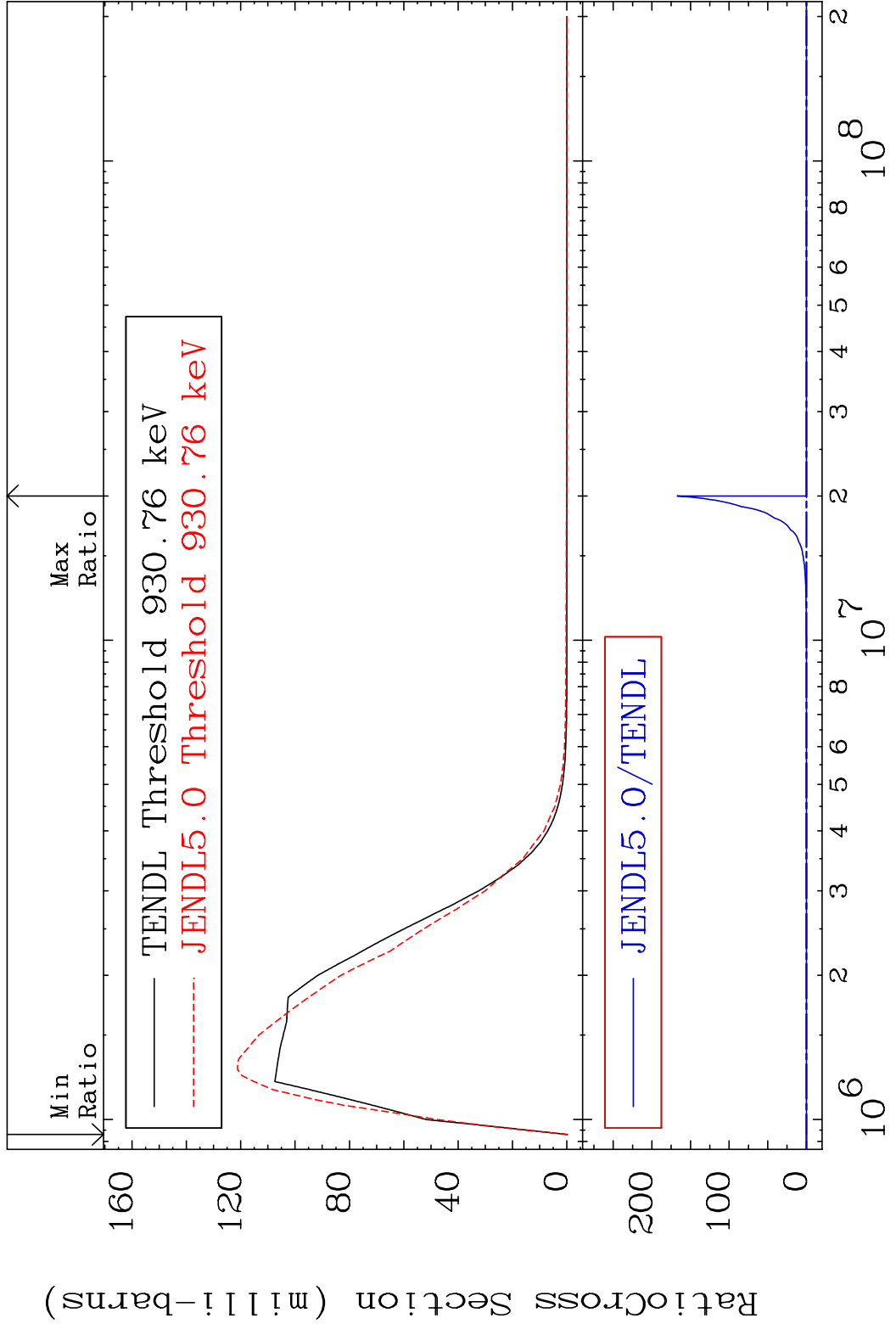


17 Incident Energy (eV) 47-Ag-107

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

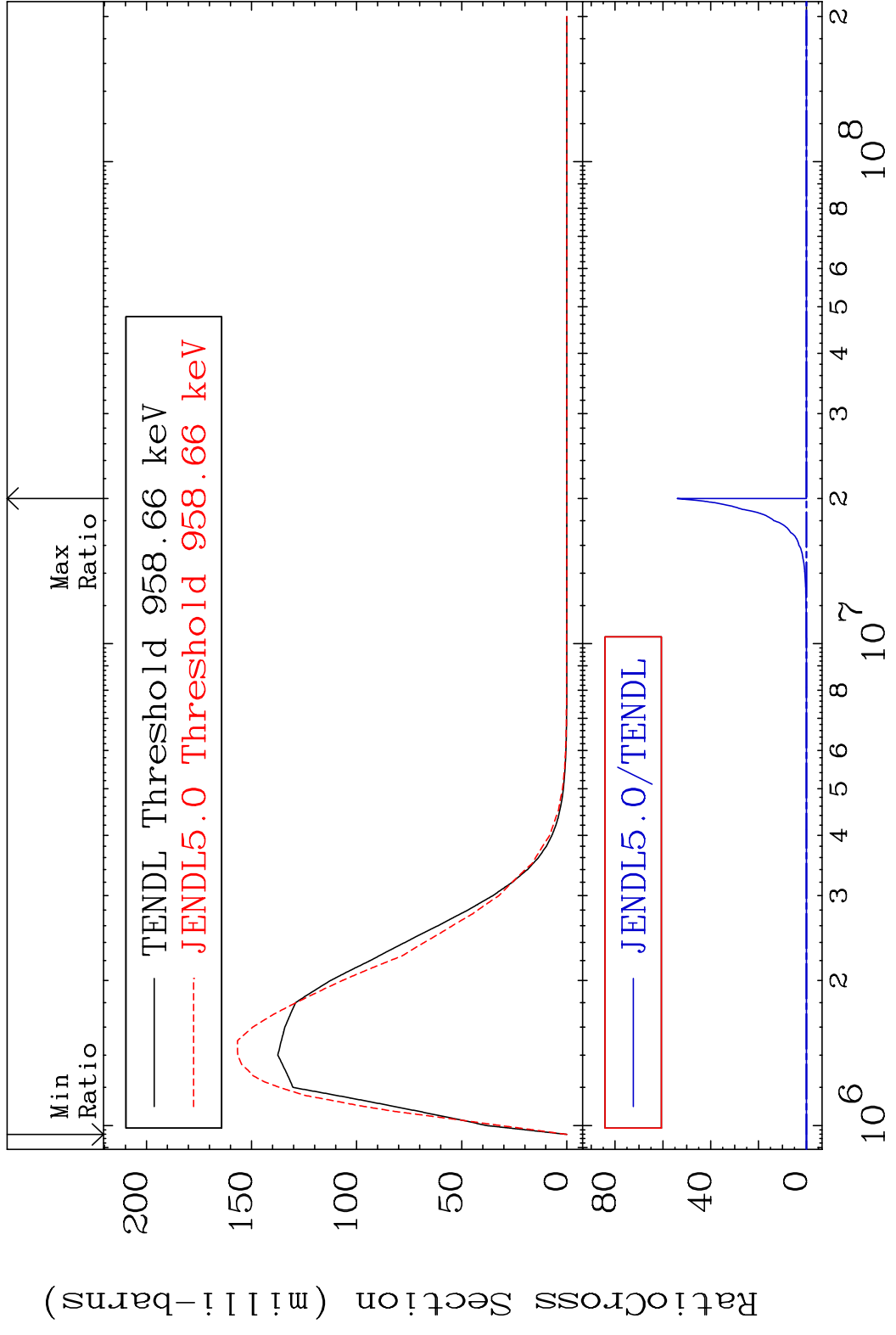


MAT 4725 MT= 57 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



19 Incident Energy (eV) 47-Ag-107

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

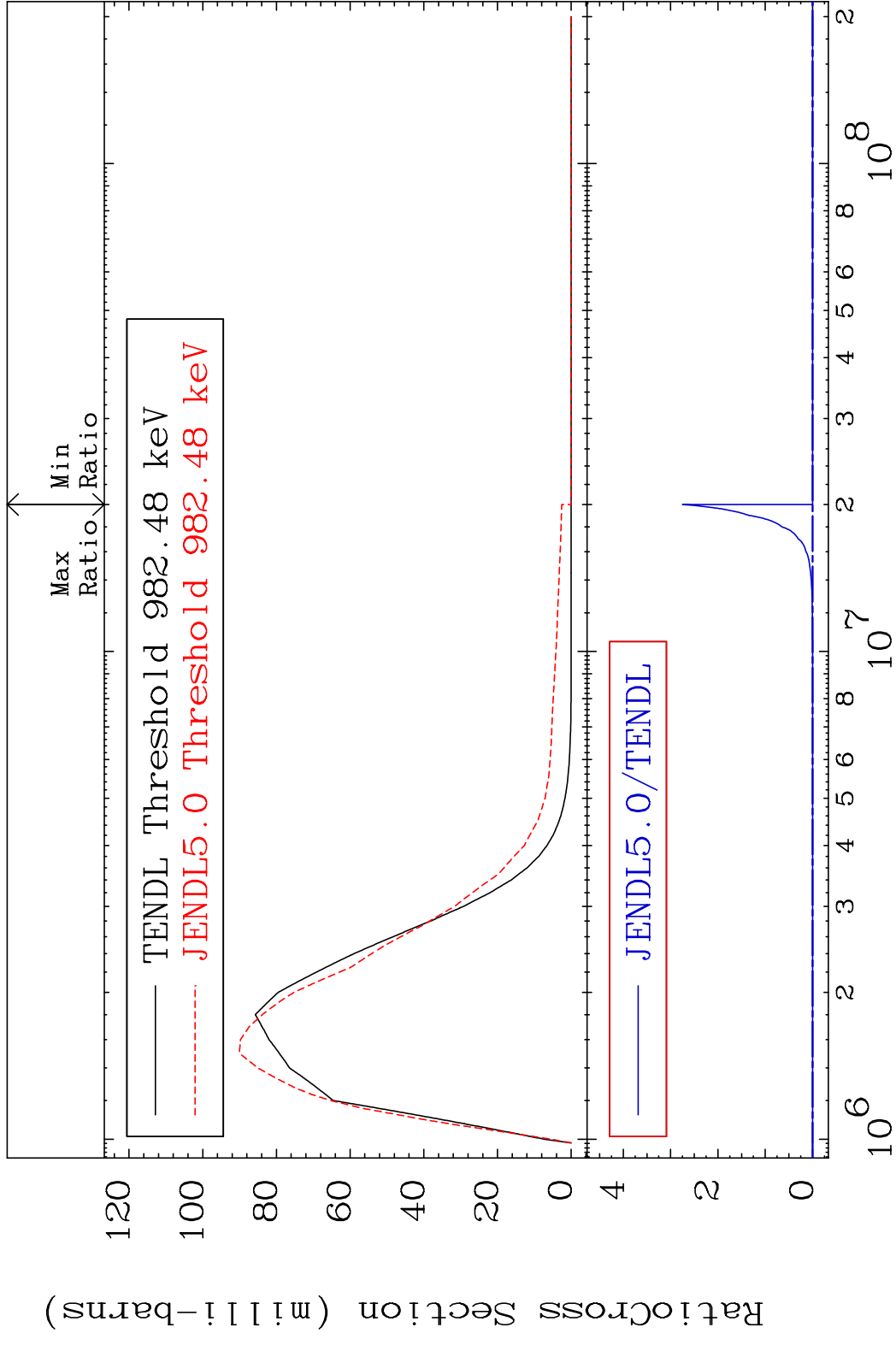


20 40 80 100 150 200

2 3 4 5 6 8 10⁷ 2 3 4 5 6 8 10⁸ 20

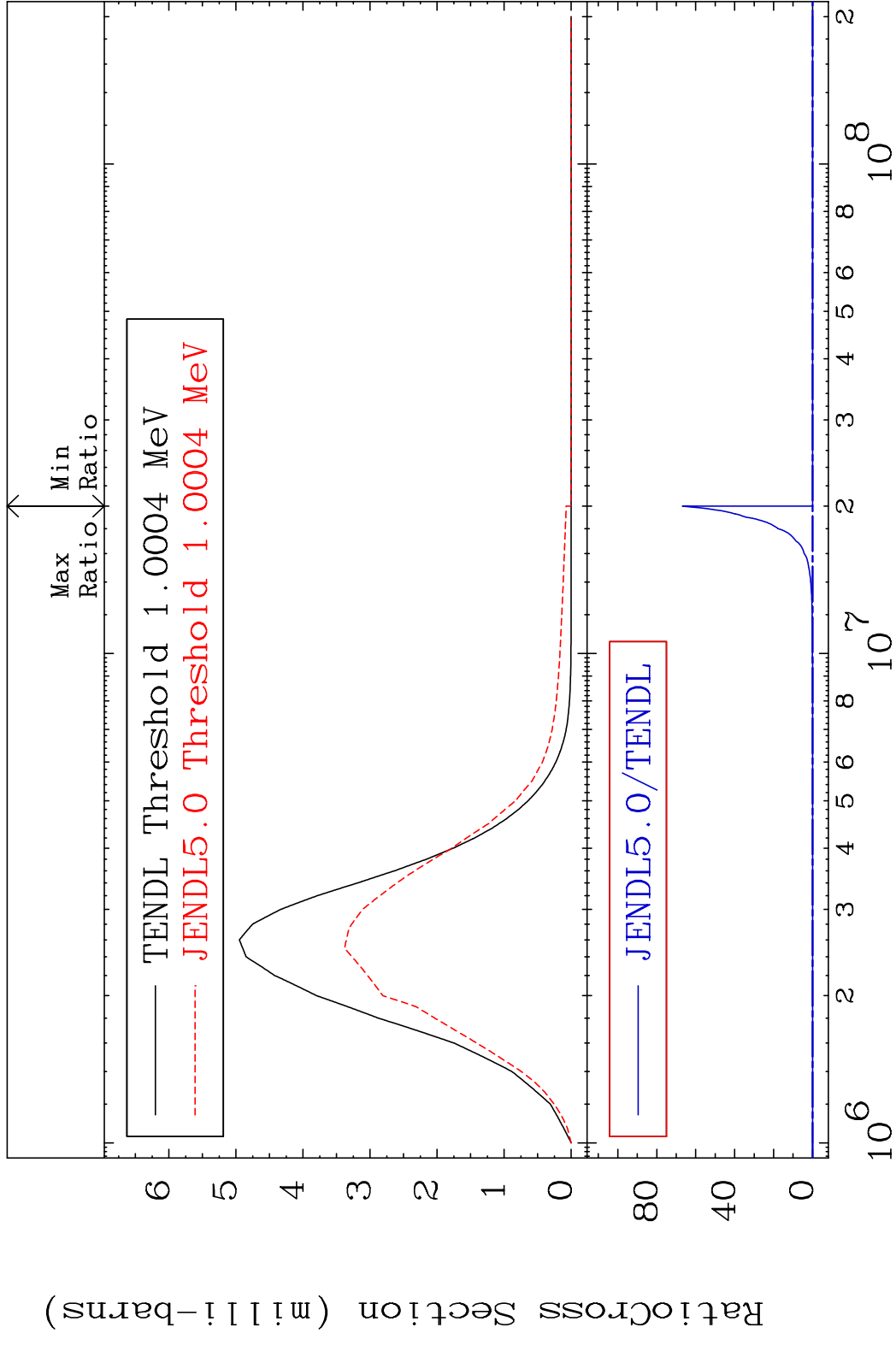
47-Ag-107

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

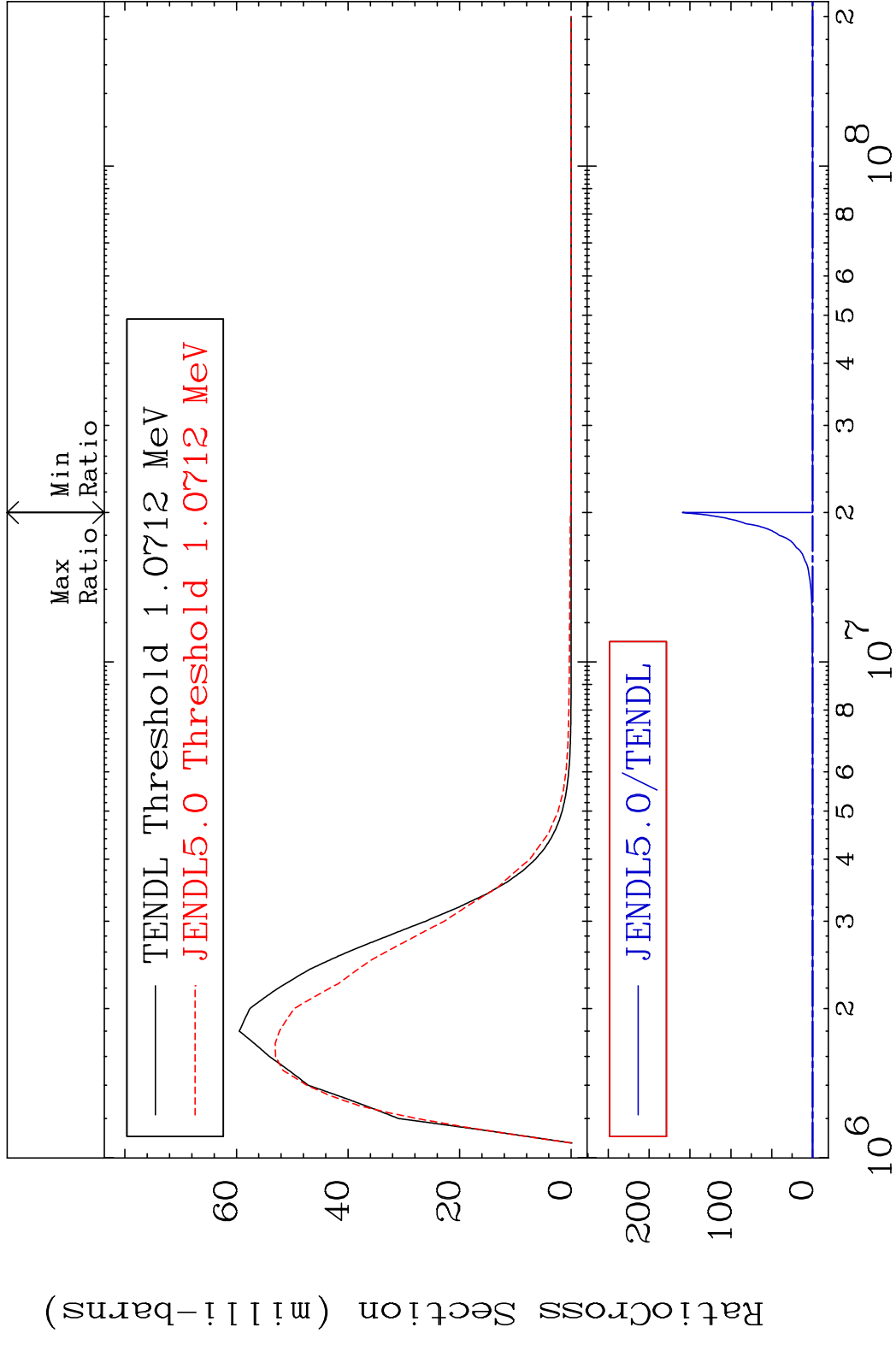


21 Incident Energy (eV) 47-Ag-107

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

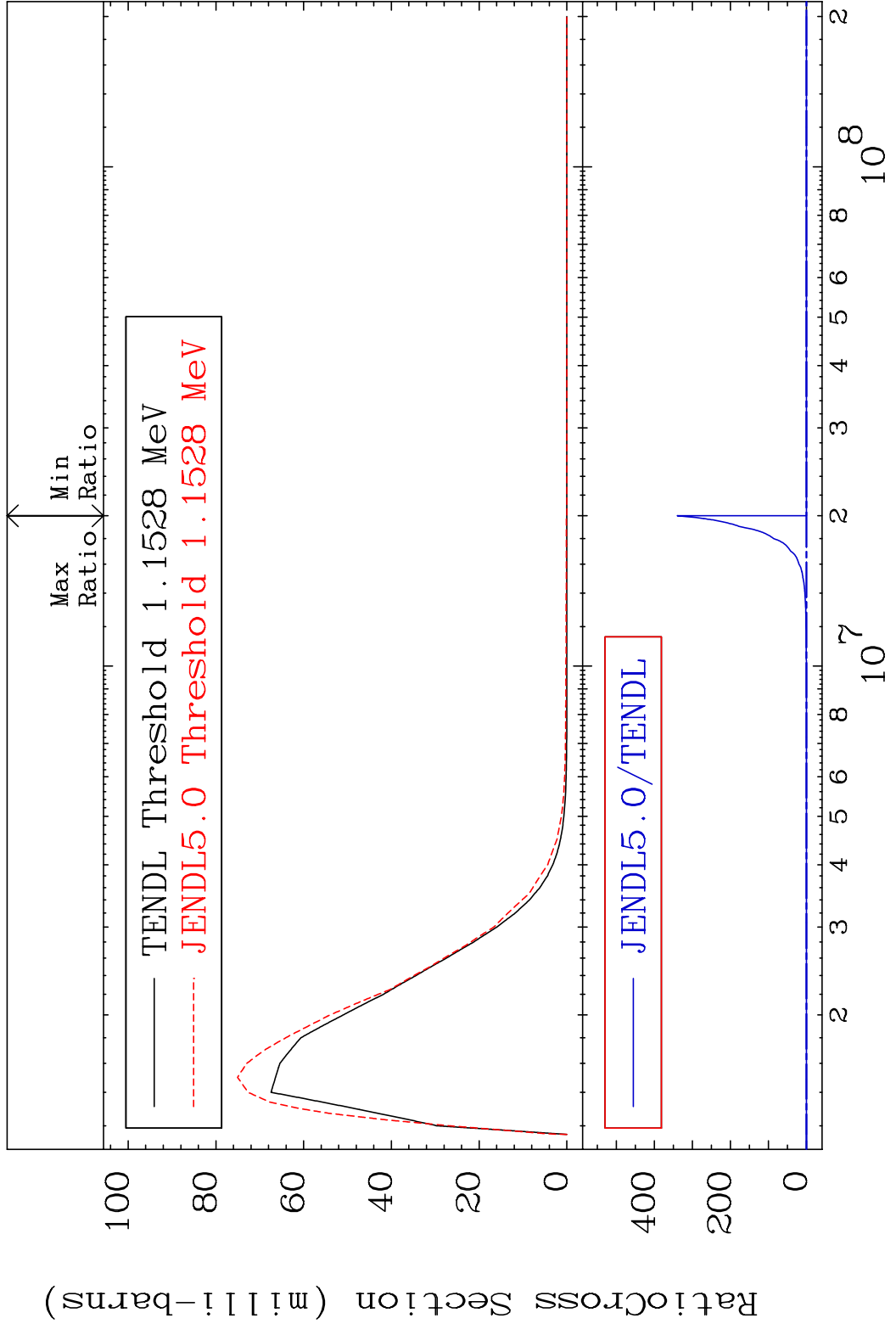


MAT 4725 MT= 61 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %

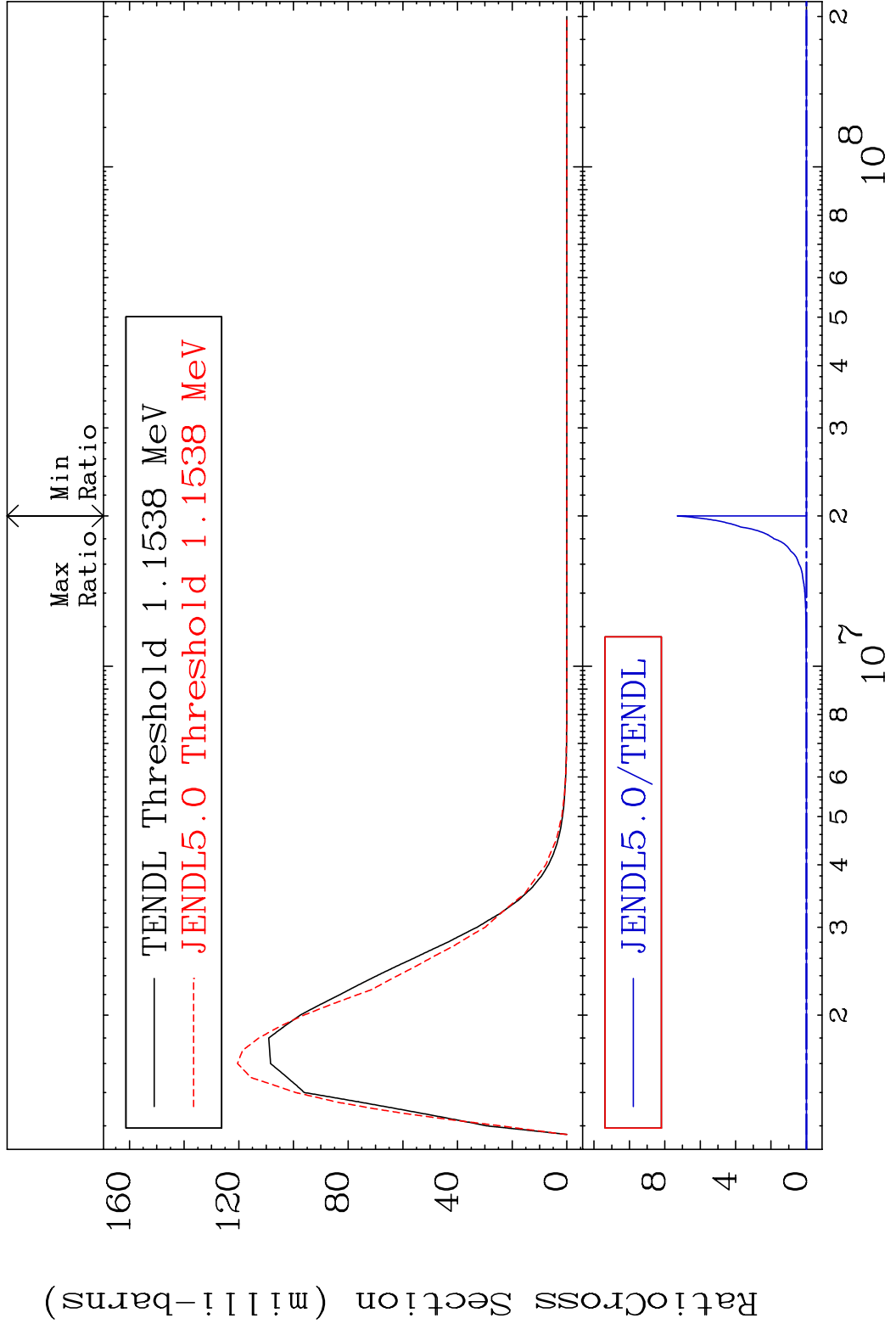


23 Incident Energy (eV) 47-Ag-107

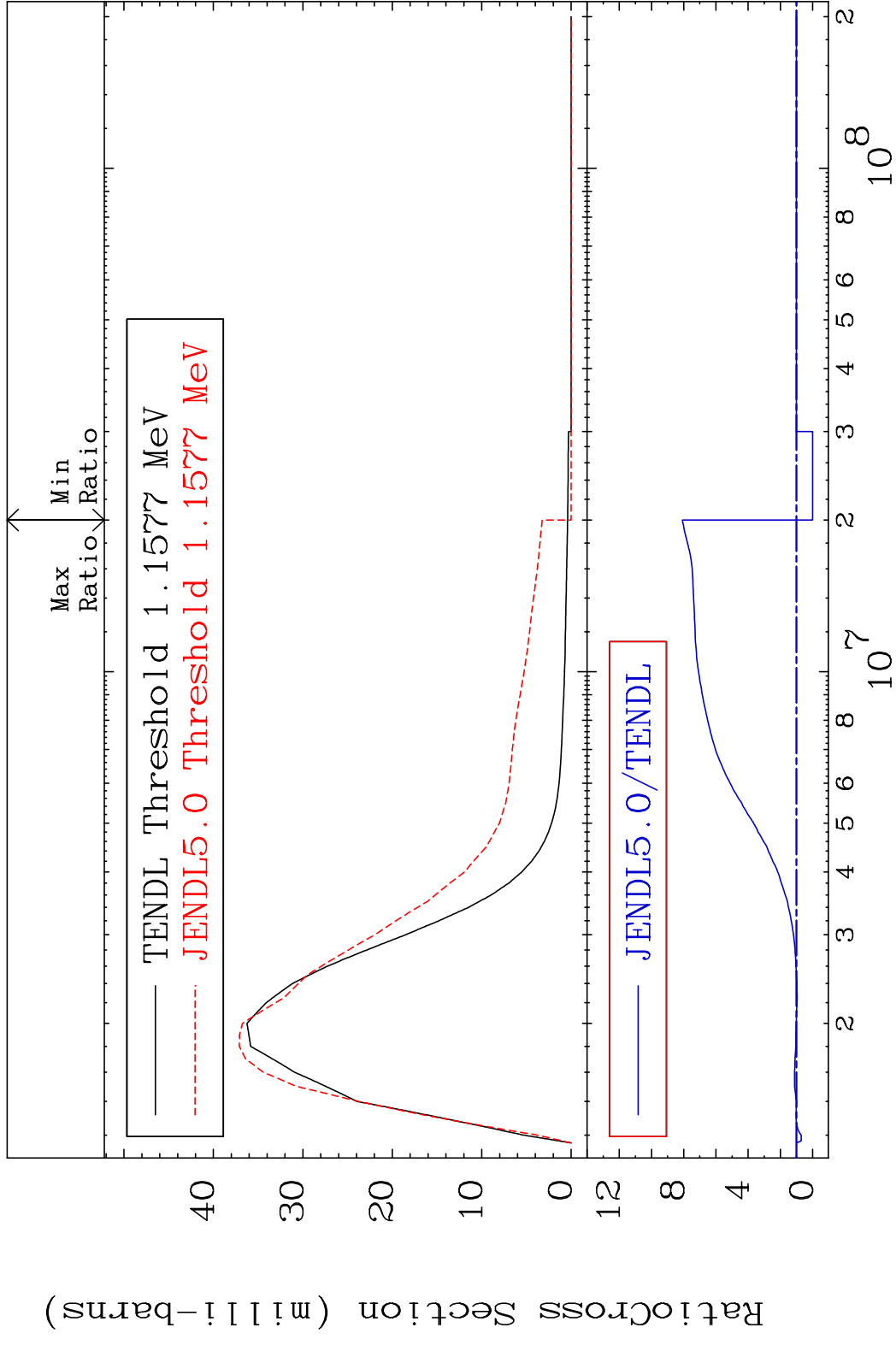
MAT 4725 MT= 62 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



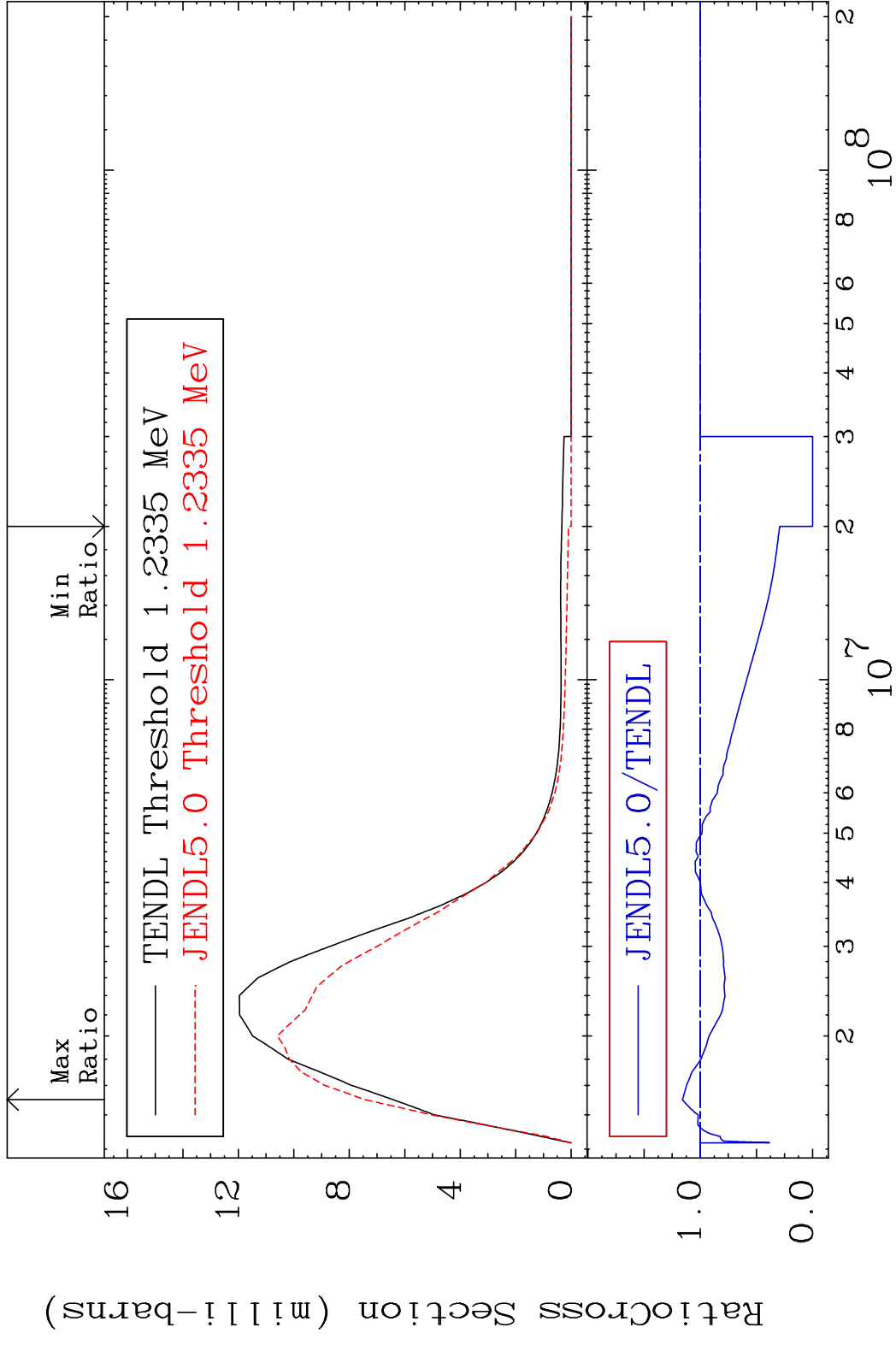
MAT 4725 MT= 63 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



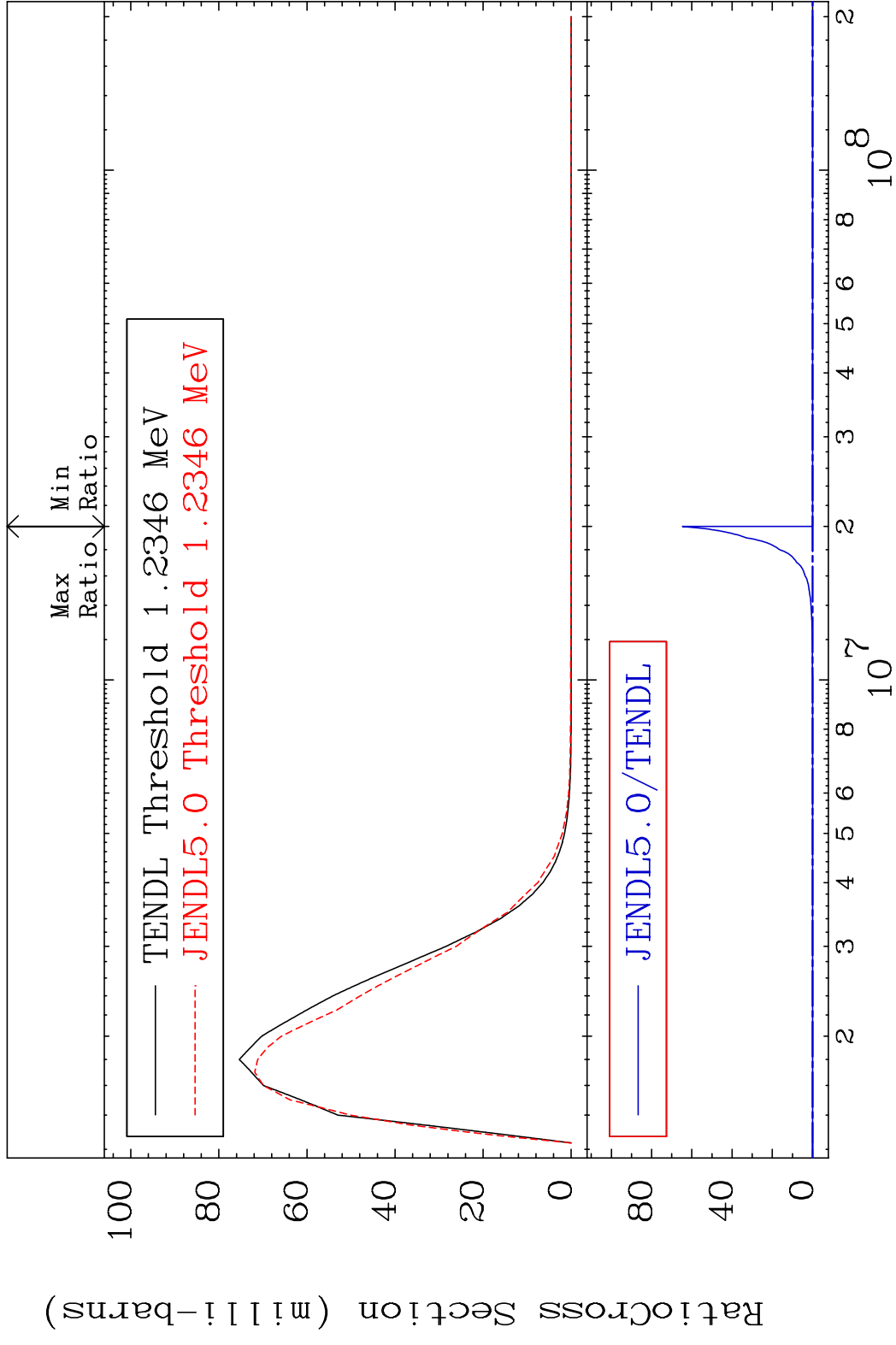
MAT 4725 MT= 64 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 708.5 %



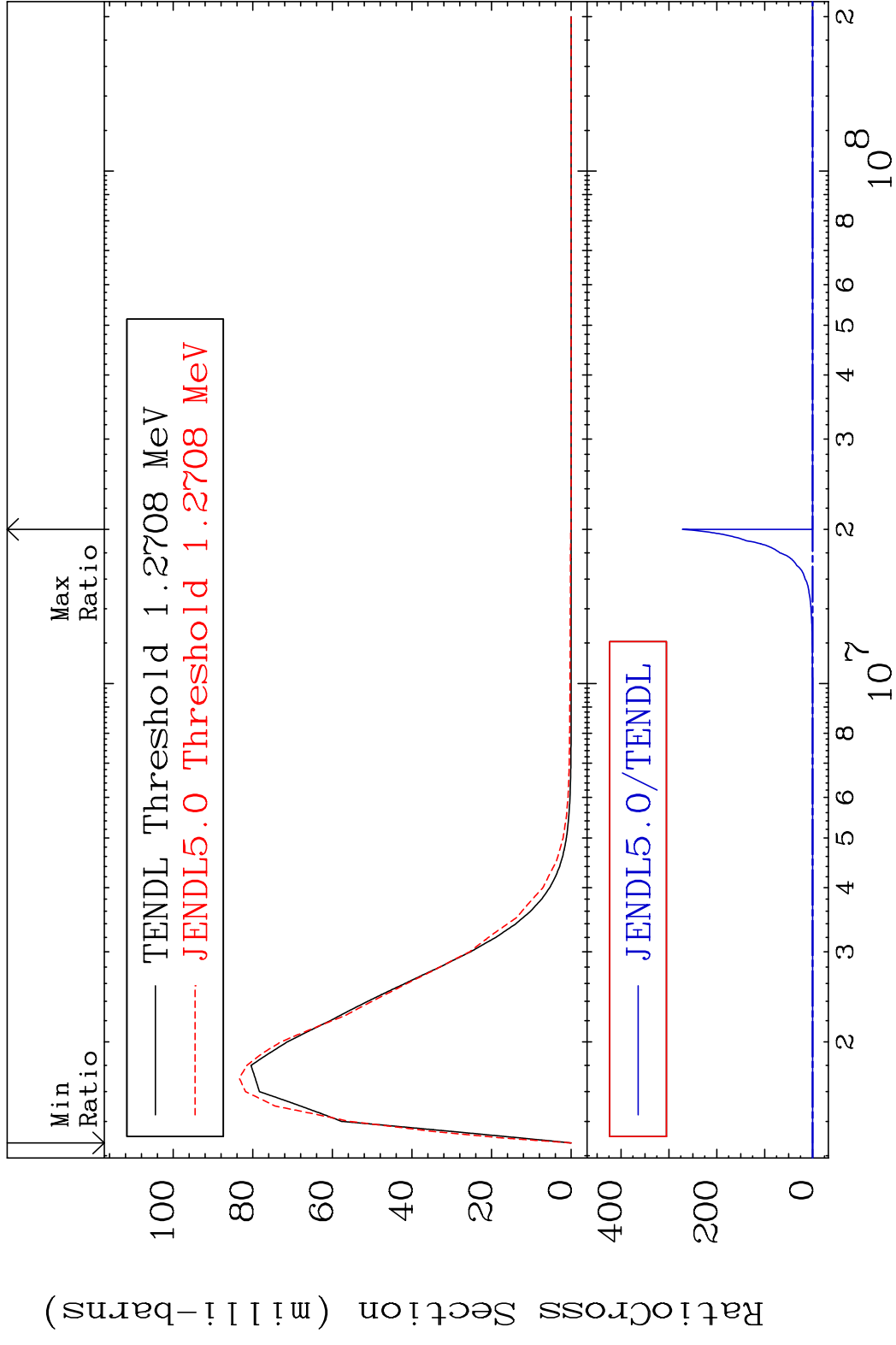
MAT 4725 MT= 65 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 15.94 %



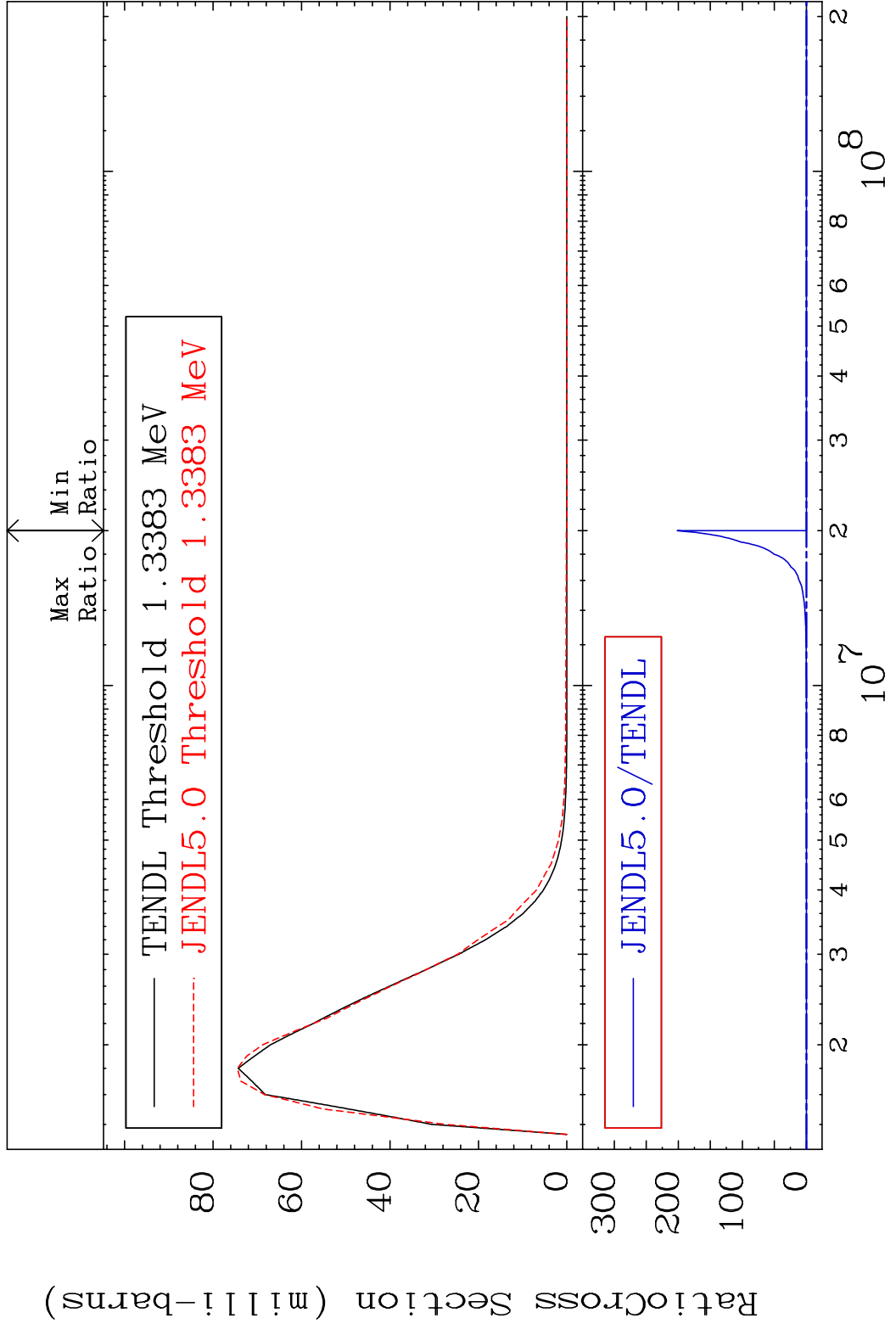
MAT 4725 MT= 66 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



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



MAT 4725 MT= 68 (n, n') Level 47-Ag-107
 Cross Section -100.0 To 9999. %



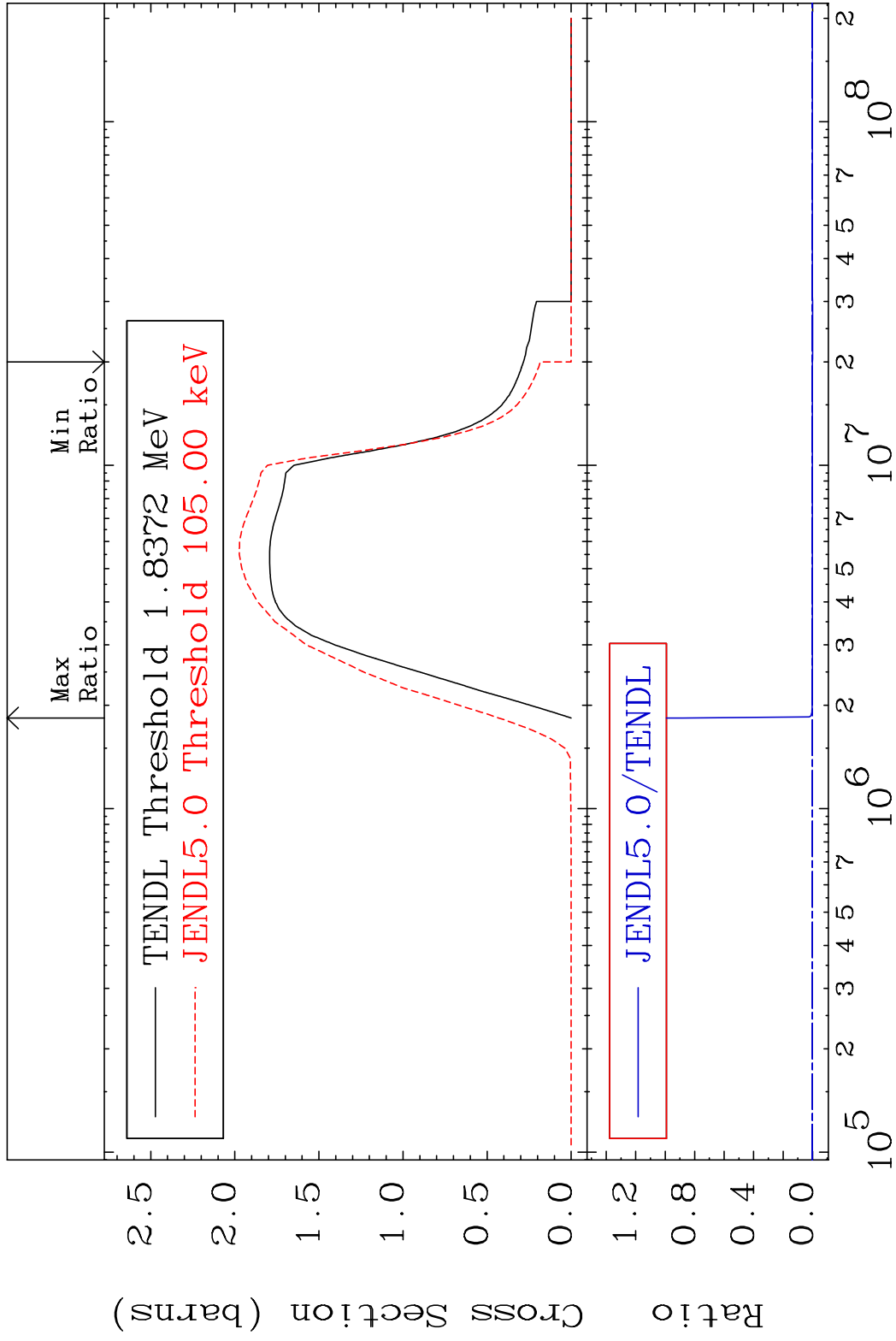
30 Incident Energy (eV) 47-Ag-107

MAT 4725

(n, n') Continuum

47-Ag-107

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

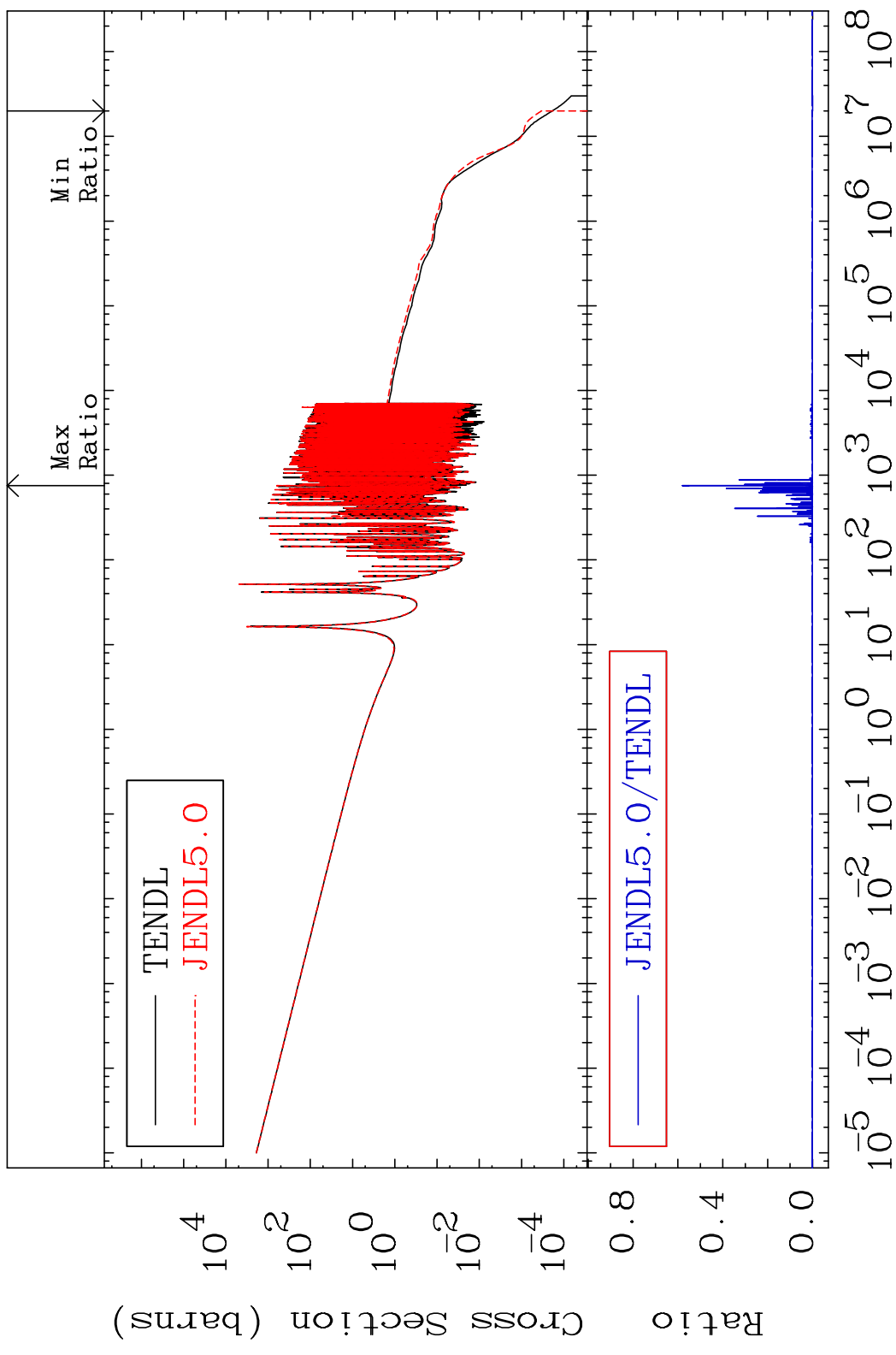
47-Ag-107

MAT 4725

(n, γ)

47-Ag-107

Cross Section -100.0 To 9999. %

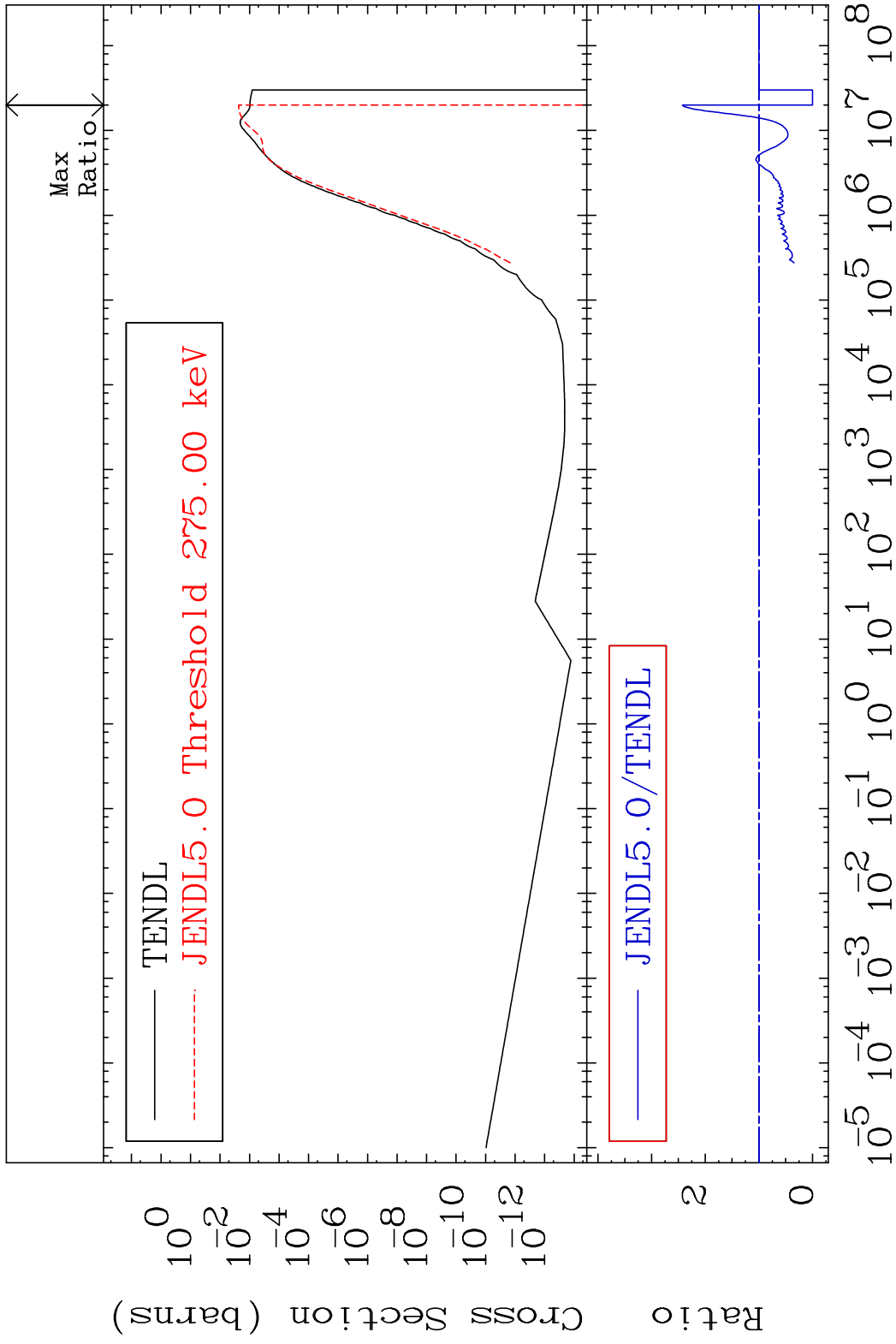


MAT 4725

(n, p)

47-Ag-107

Cross Section -100.0 To 143.0 %

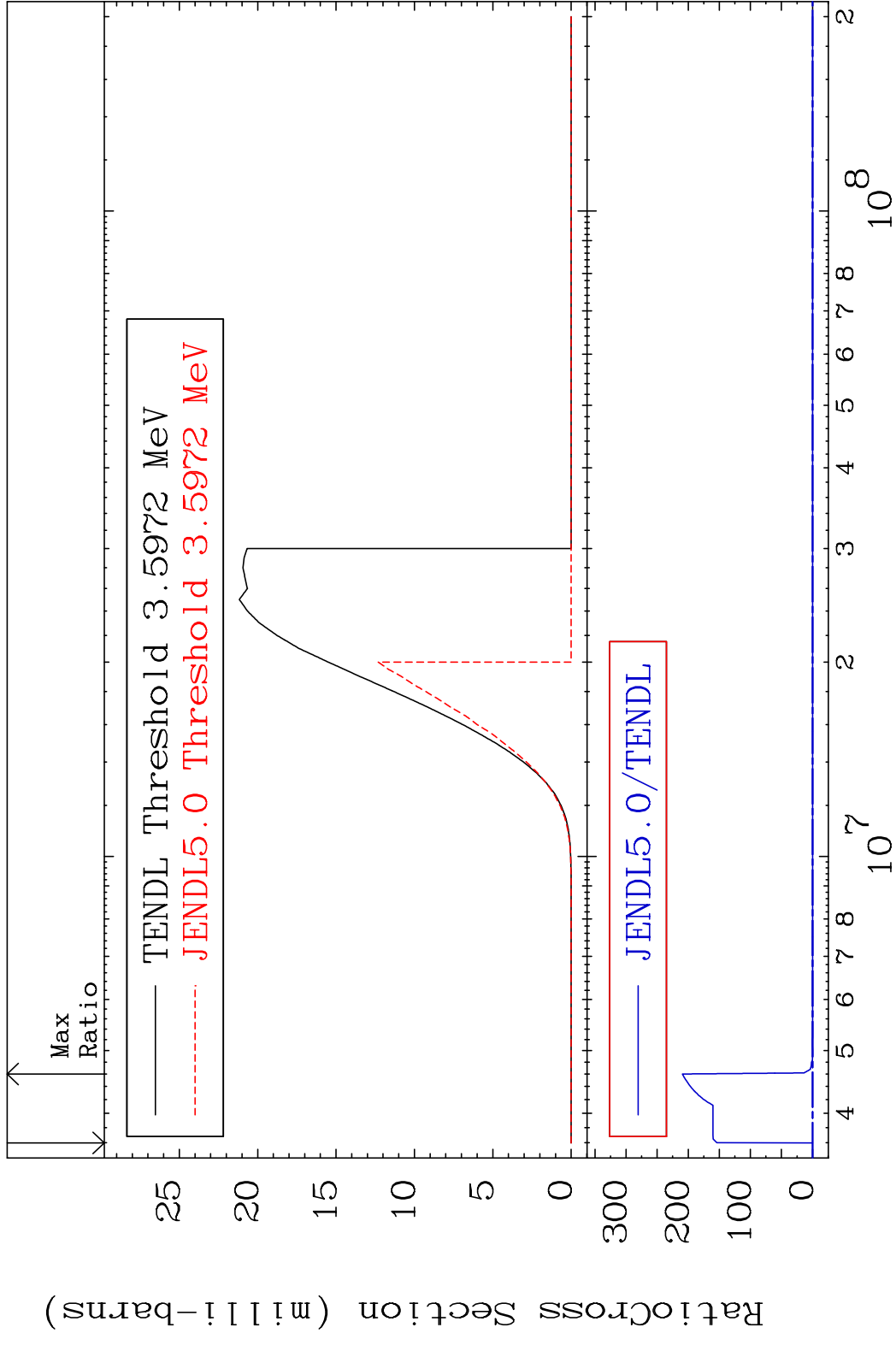


33

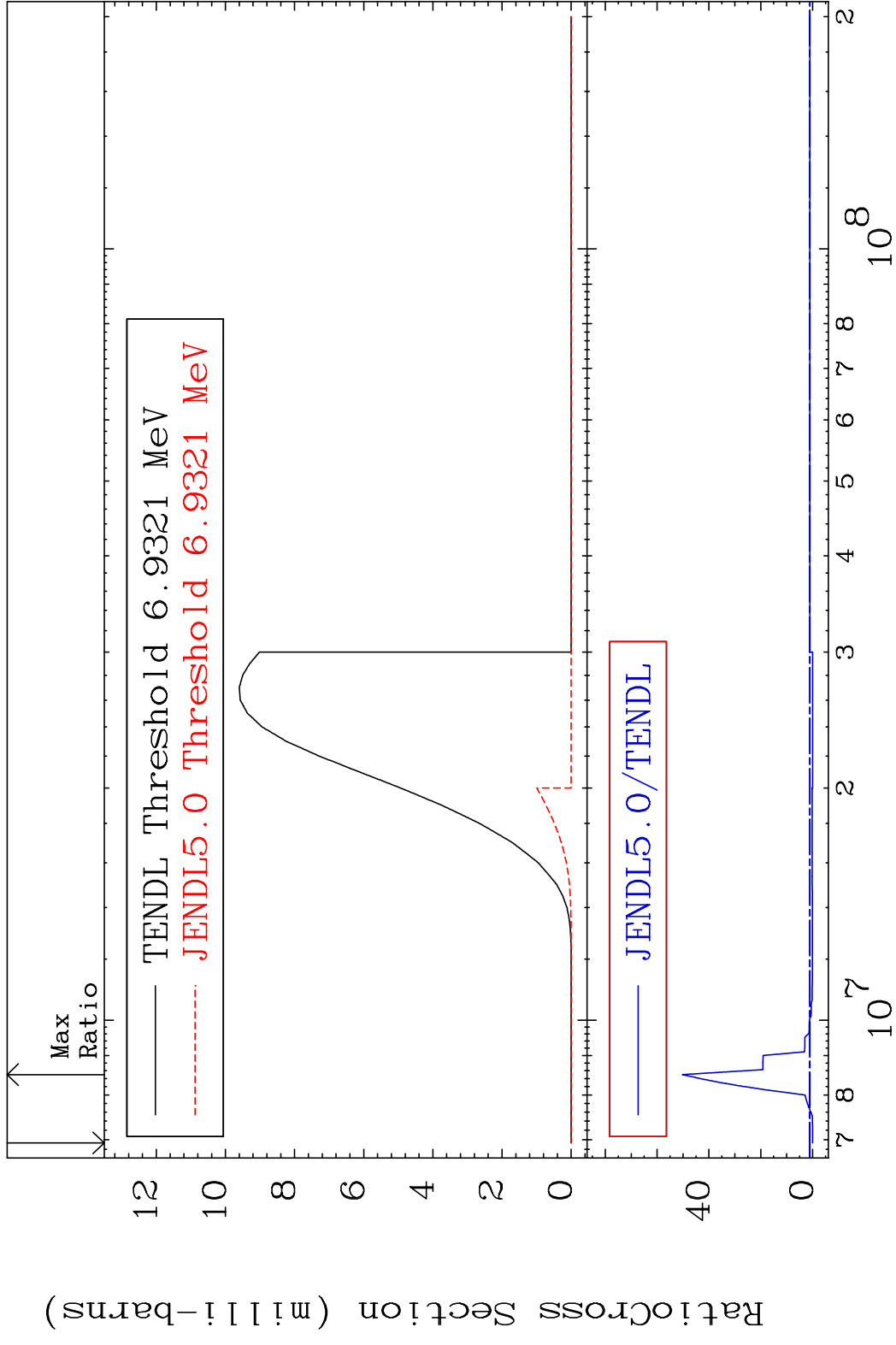
Incident Energy (eV)

47-Ag-107

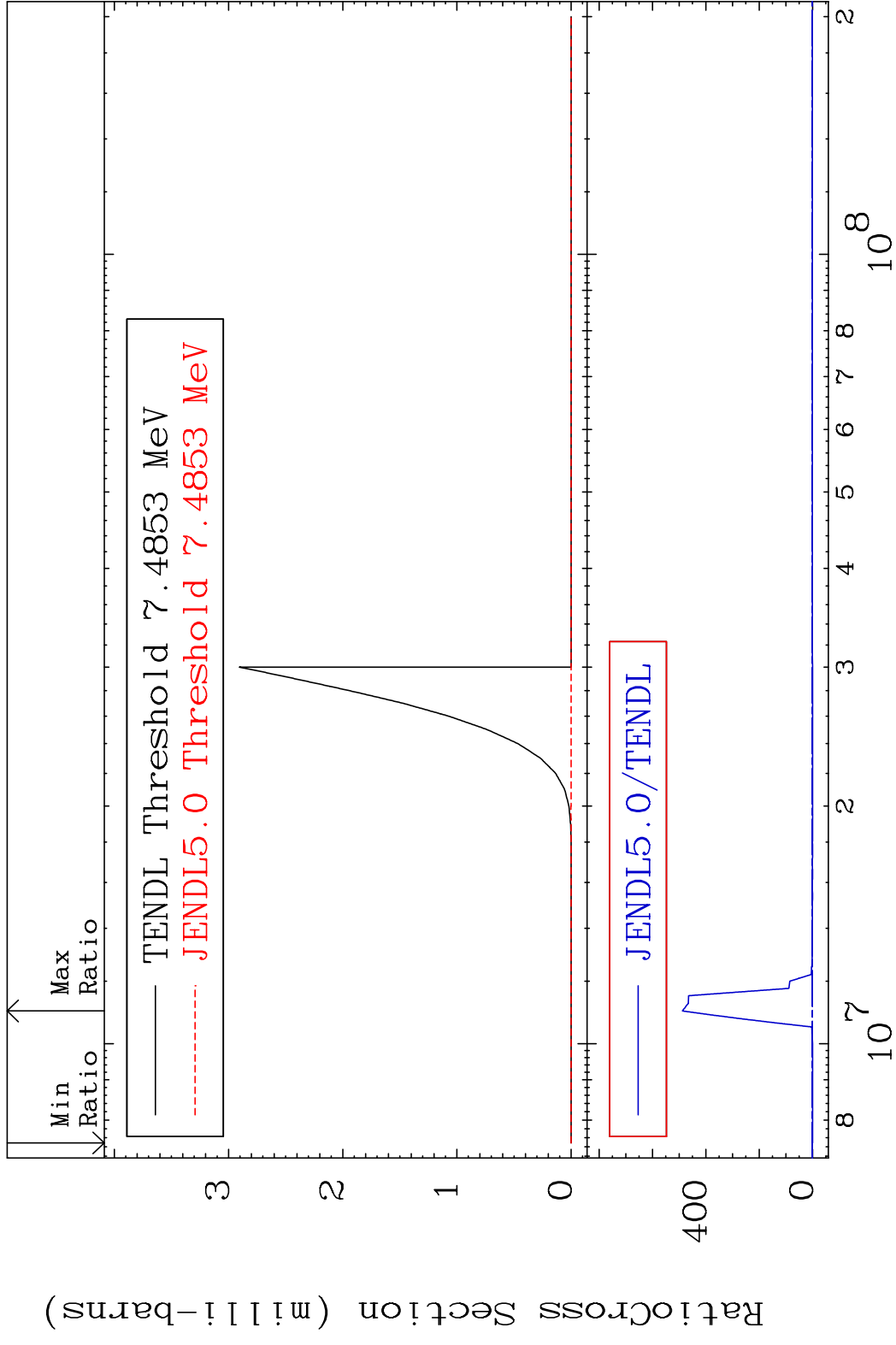
MAT 4725 (n,d) 47-Ag-107
 Cross Section -100.0 To 9999. %



MAT 4725 (n, t) 47-Ag-107
 Cross Section -100.0 To 4926. %



MAT 4725 (n, He-3) 47-Ag-107
 Cross Section -100.0 To 9999. %

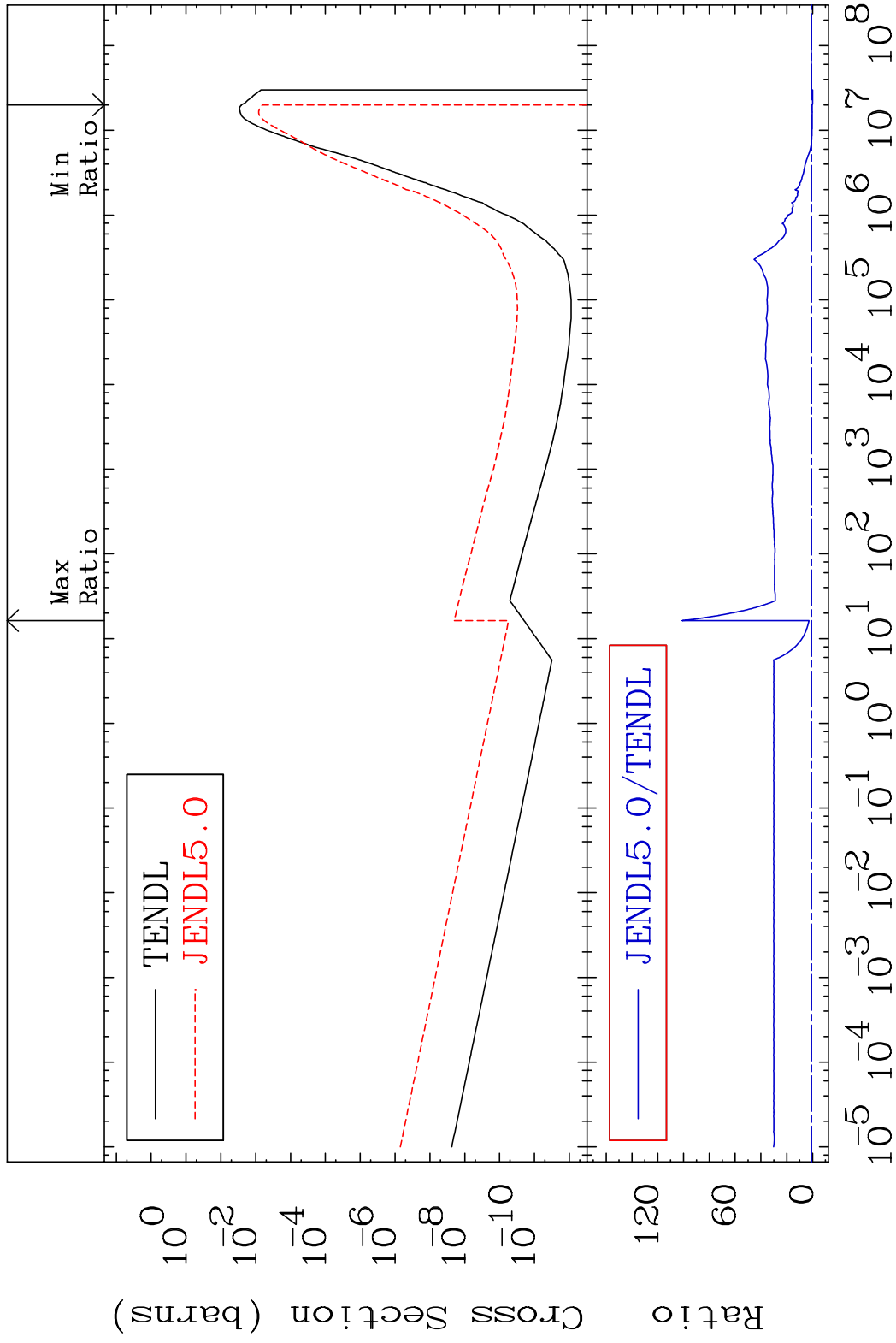


MAT 4725

(n, α)

47-Ag-107

Cross Section -100.0 To 9991. %

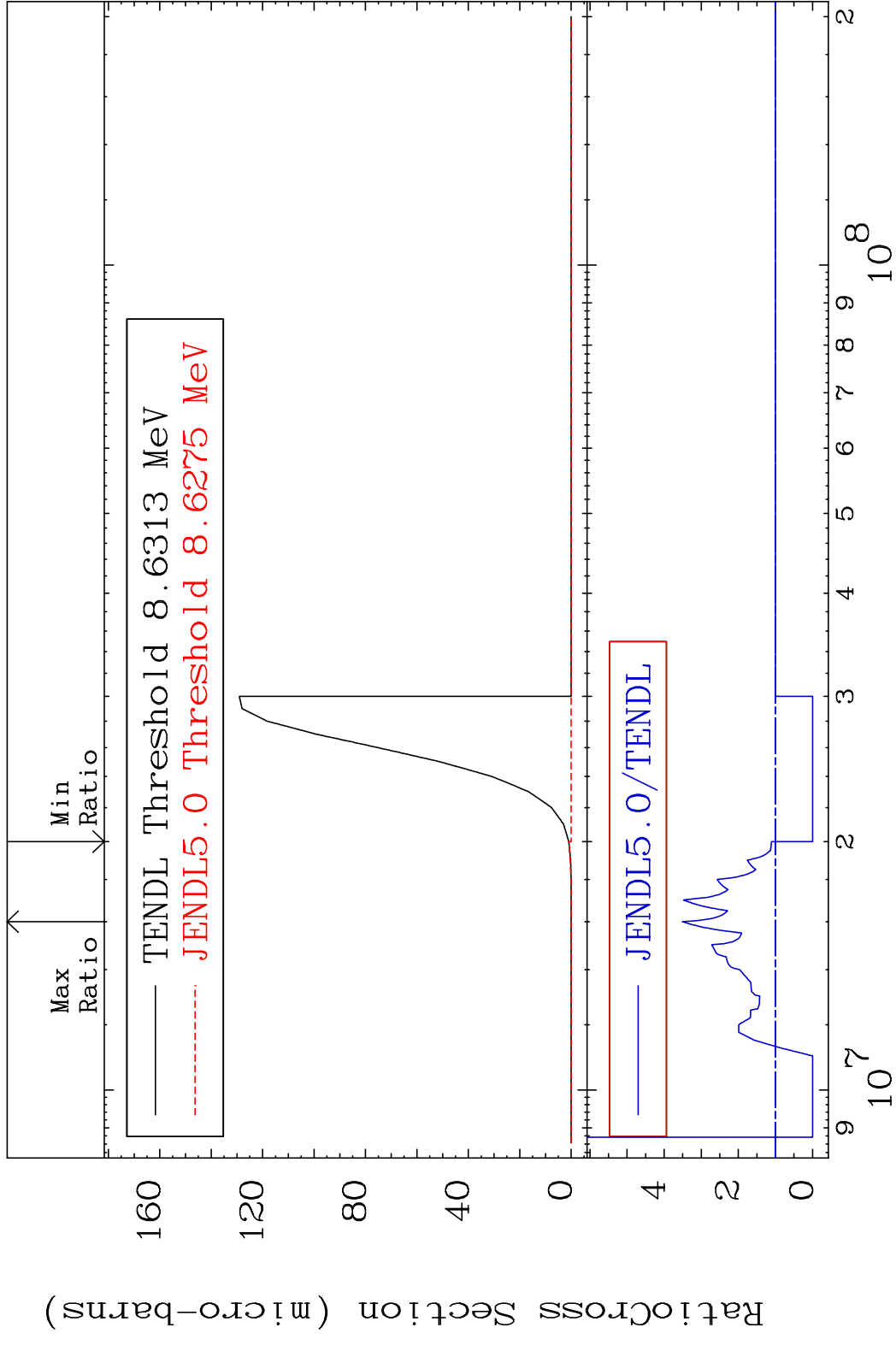


37

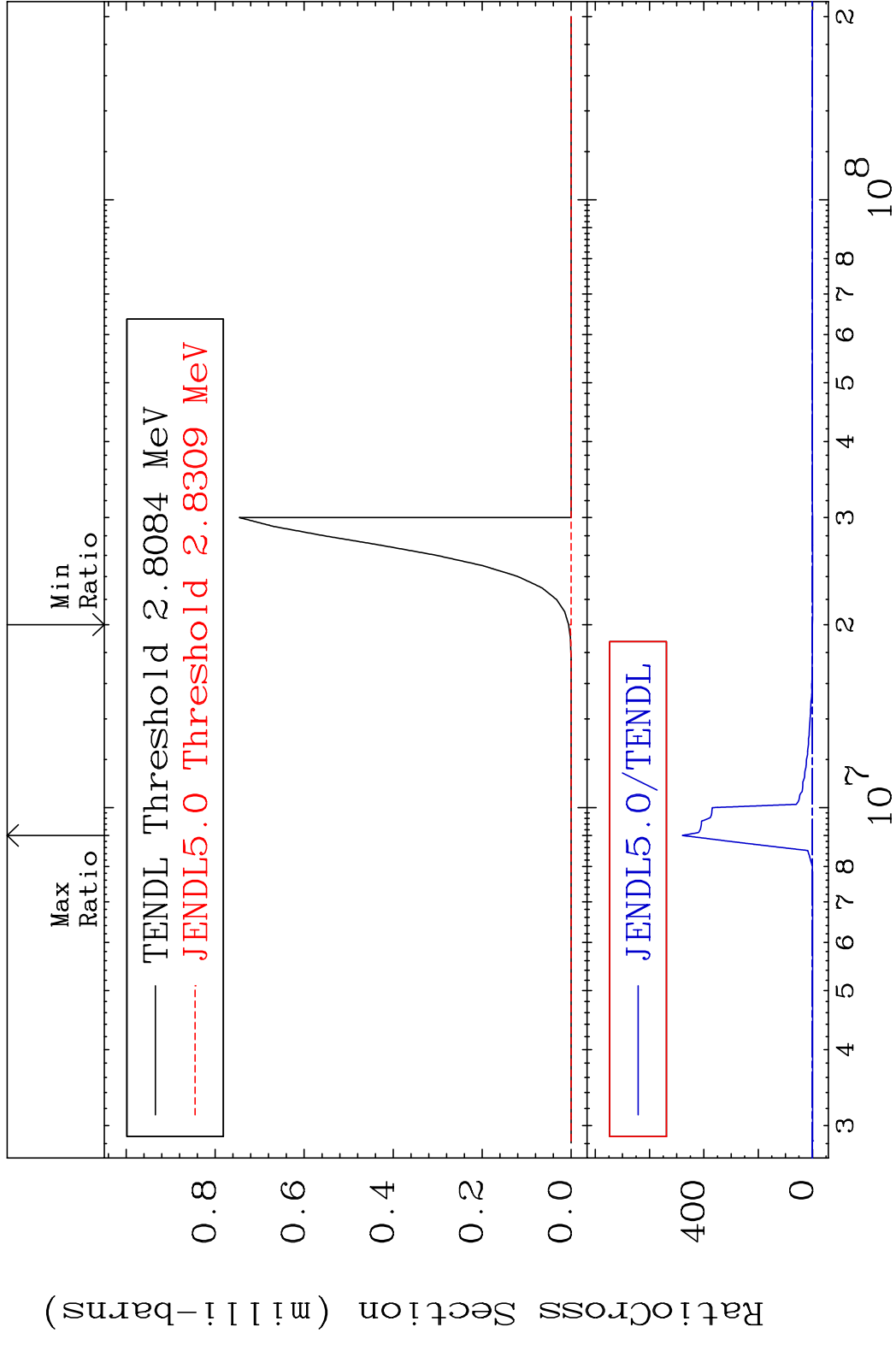
Incident Energy (eV)

47-Ag-107

MAT 4725 (n,2p) 47-Ag-107
 Cross Section -100.0 To 250.9 %



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



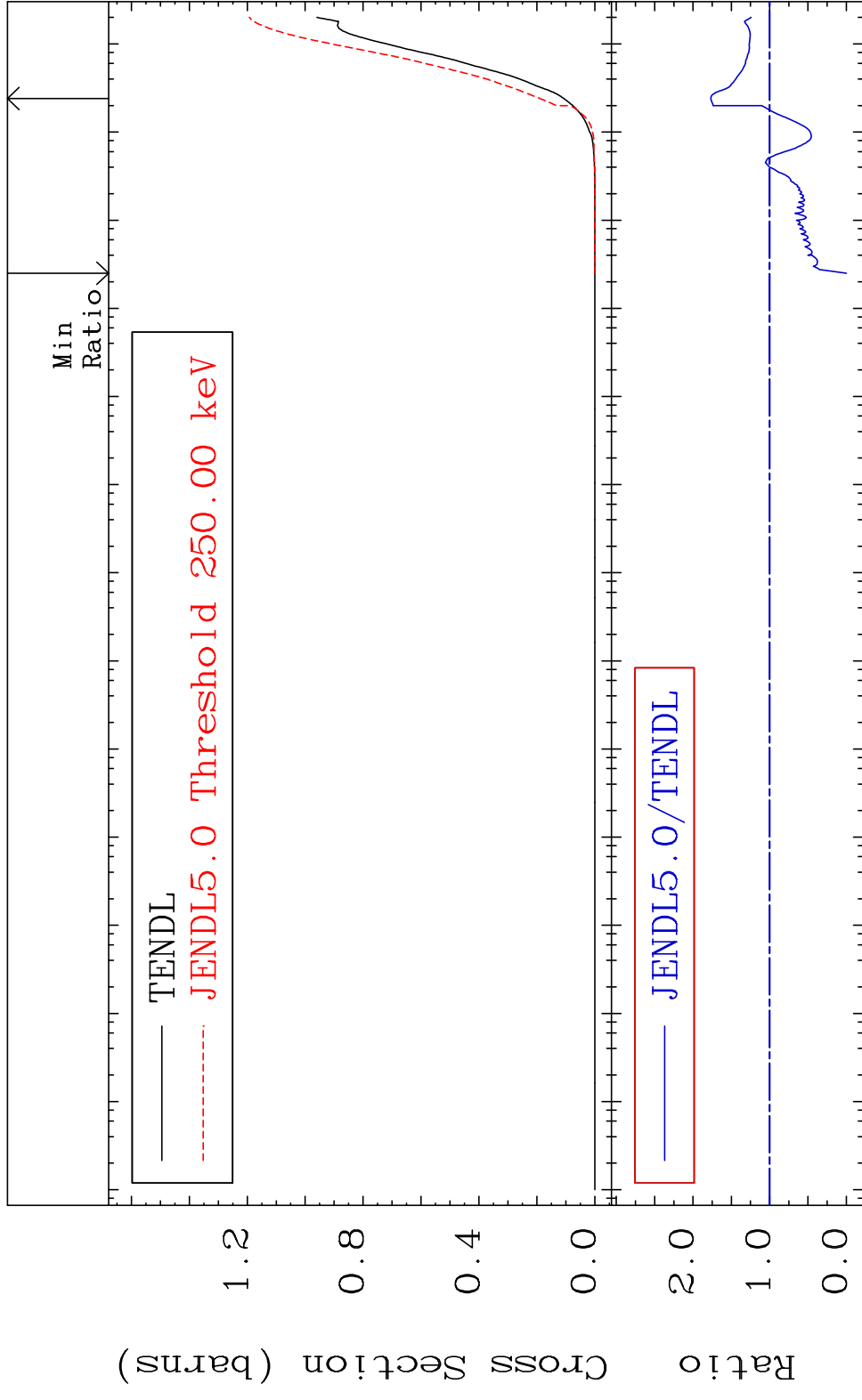
MAT 4725

Hydrogen Production

47-Ag-107

Cross Section

-100.0 To 76.89 %

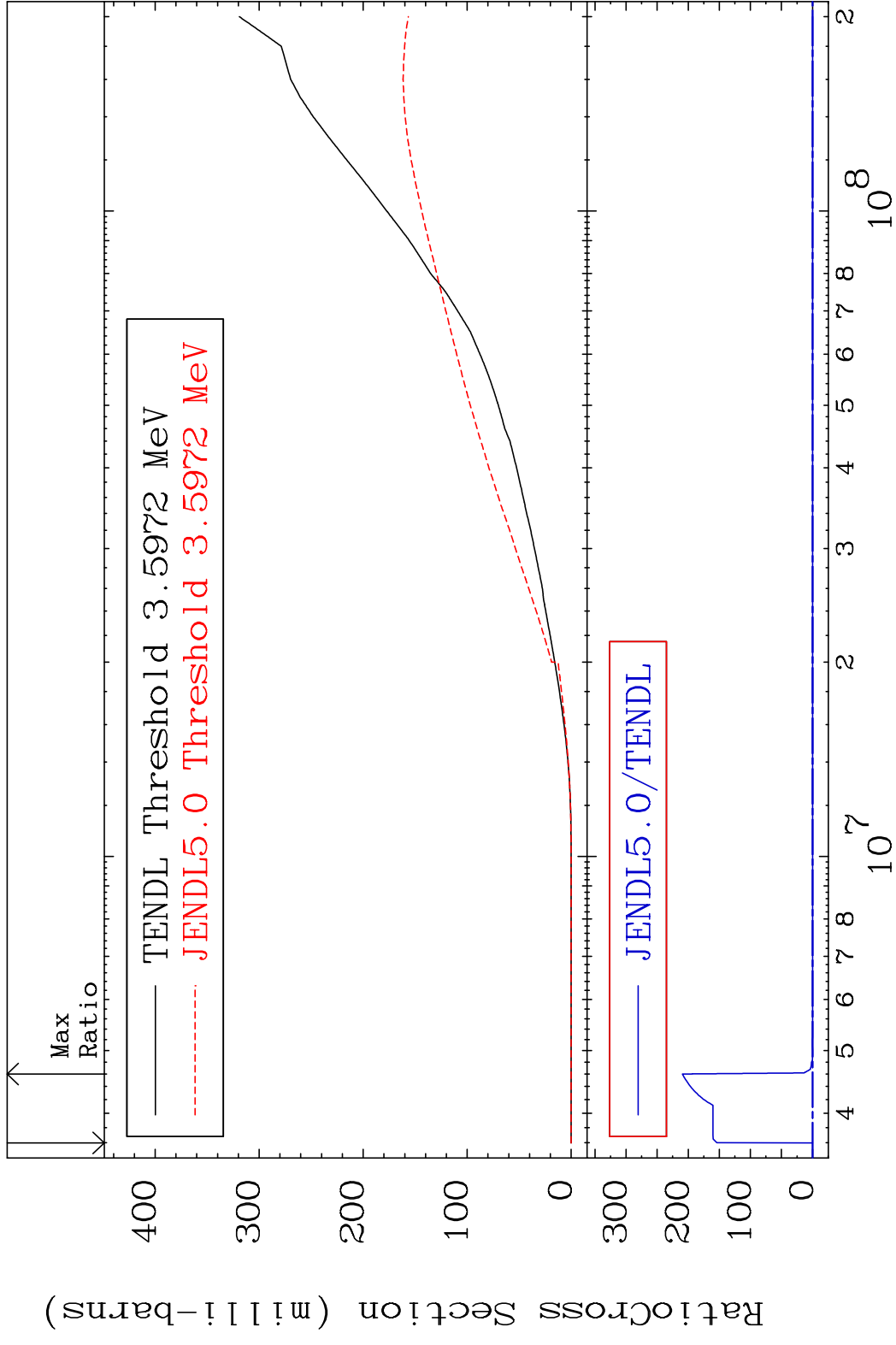


40

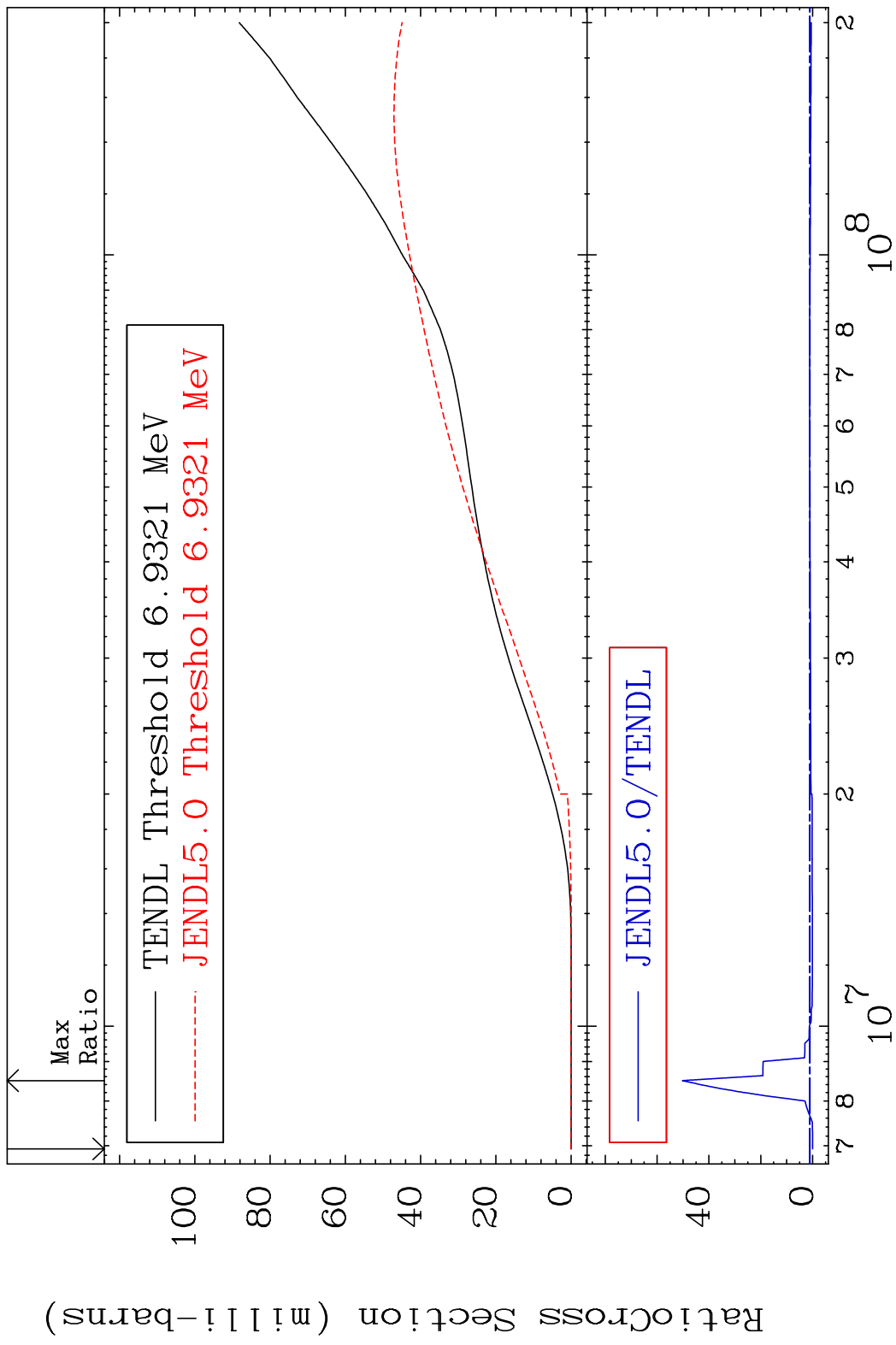
Incident Energy (eV)

47-Ag-107

MAT 4725 Deuterium Production 47-Ag-107
 Cross Section -100.0 To 9999. %



MAT 4725 Tritium Production 47-Ag-107
 Cross Section -100.0 To 4926. %

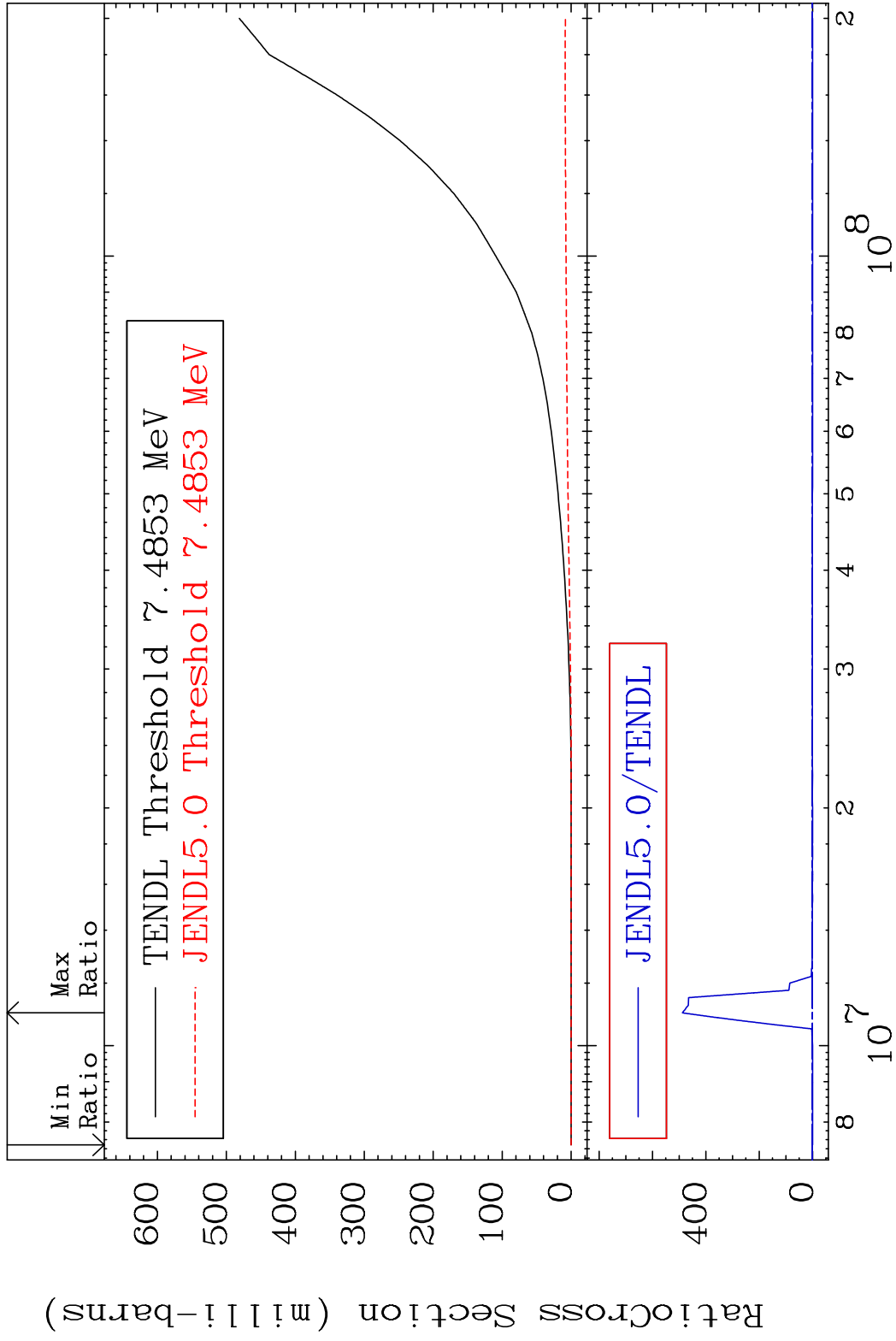


MAT 4725

He-3 Production

47-Ag-107

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

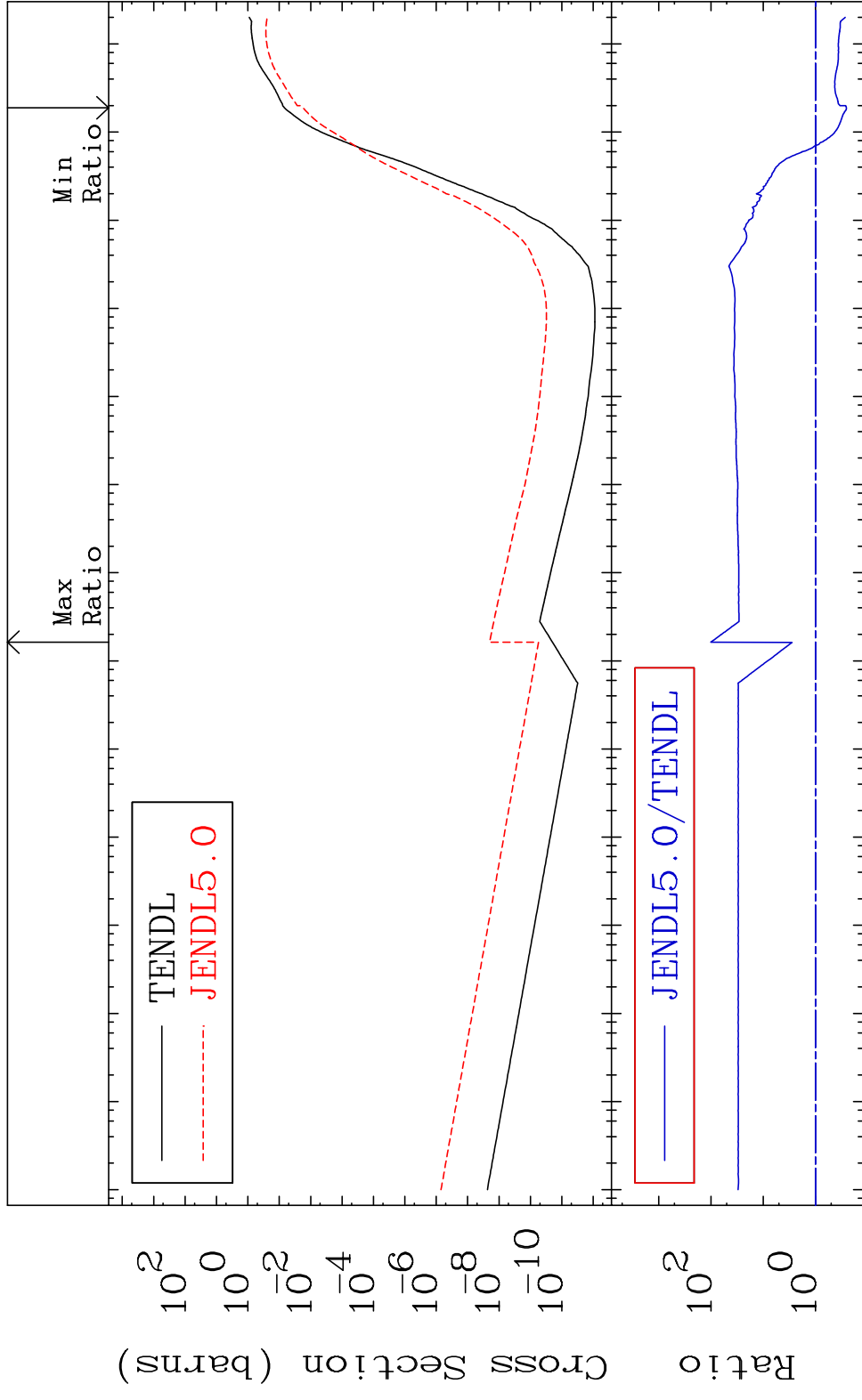
47-Ag-107

MAT 4725

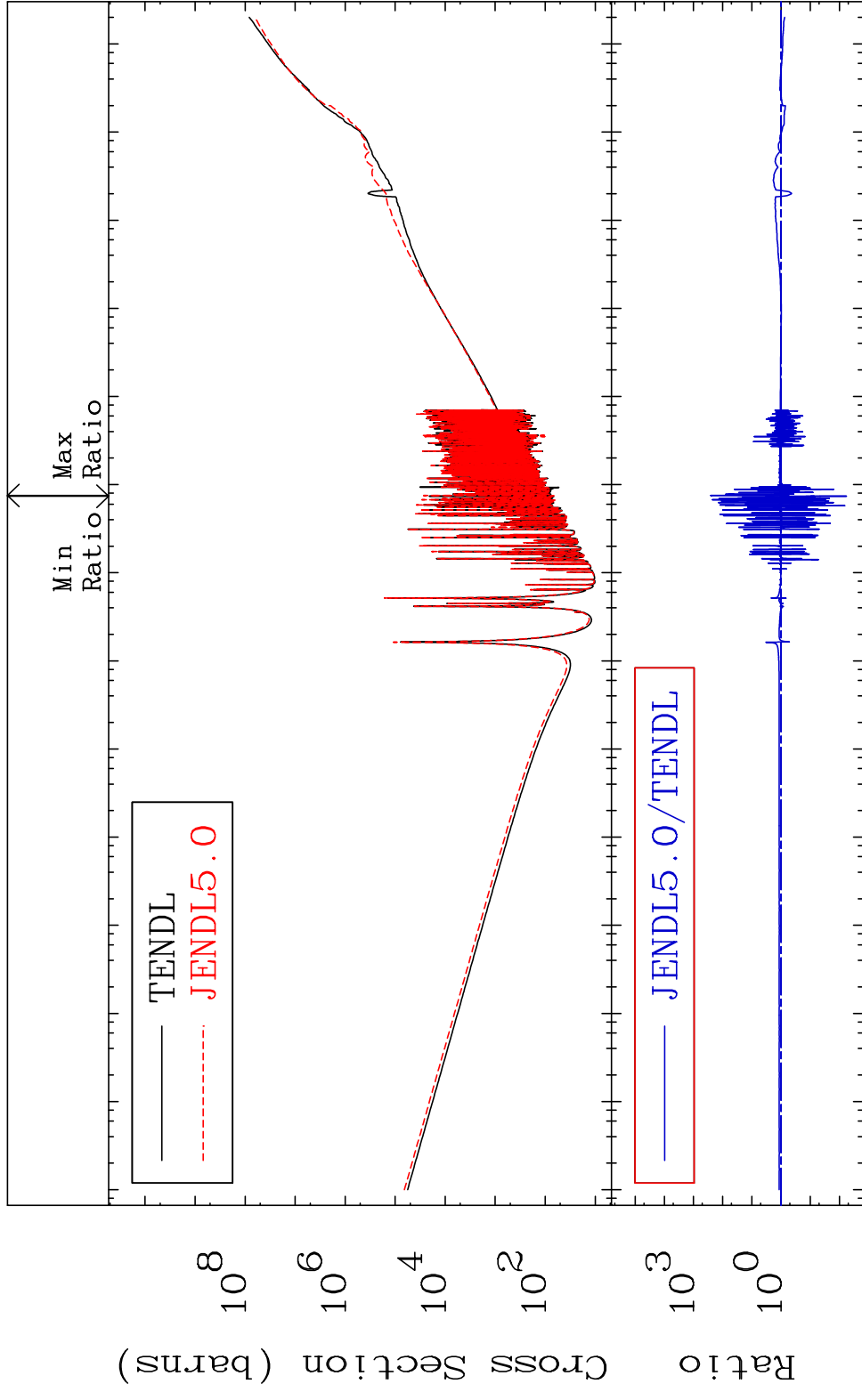
He-4 Production

47-Ag-107

Cross Section -74.30 To 9991. %



MAT 4725 Kerma total (eV-barns) 47-Ag-107
 Cross Section -99.42 To 9999. %



45 Incident Energy (eV) 47-Ag-107

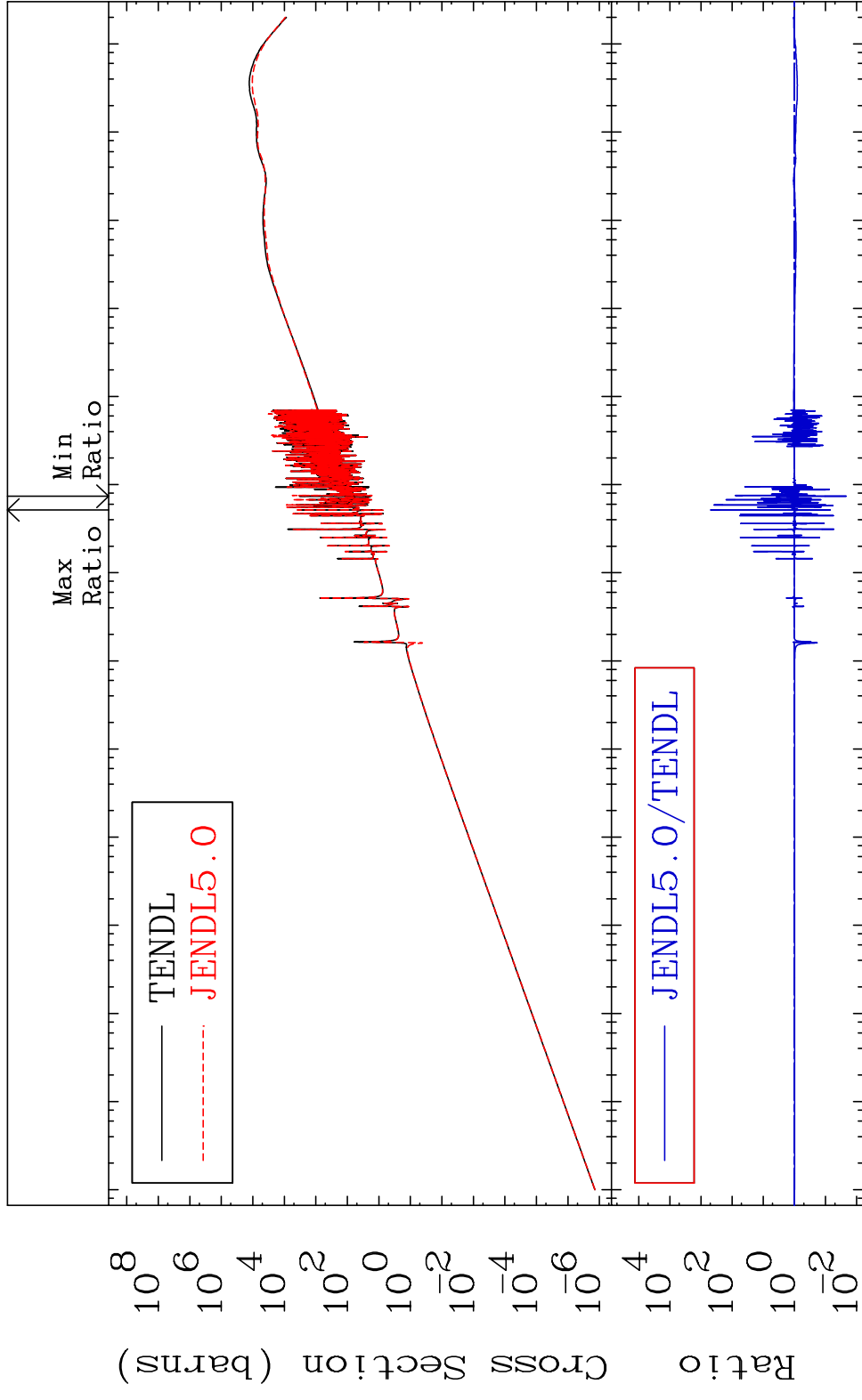
MAT 4725

Kerma elastic

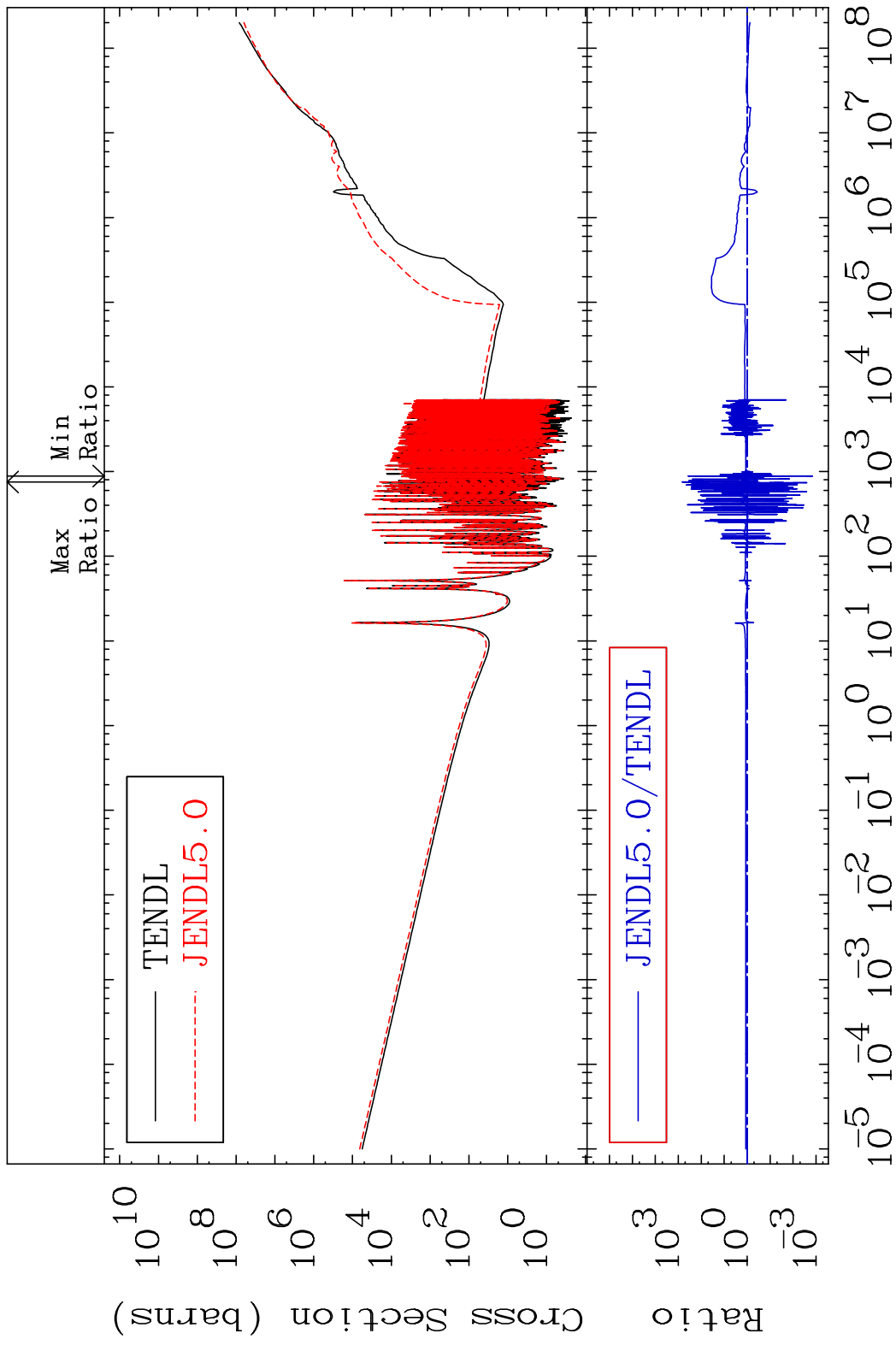
47-Ag-107

Cross Section

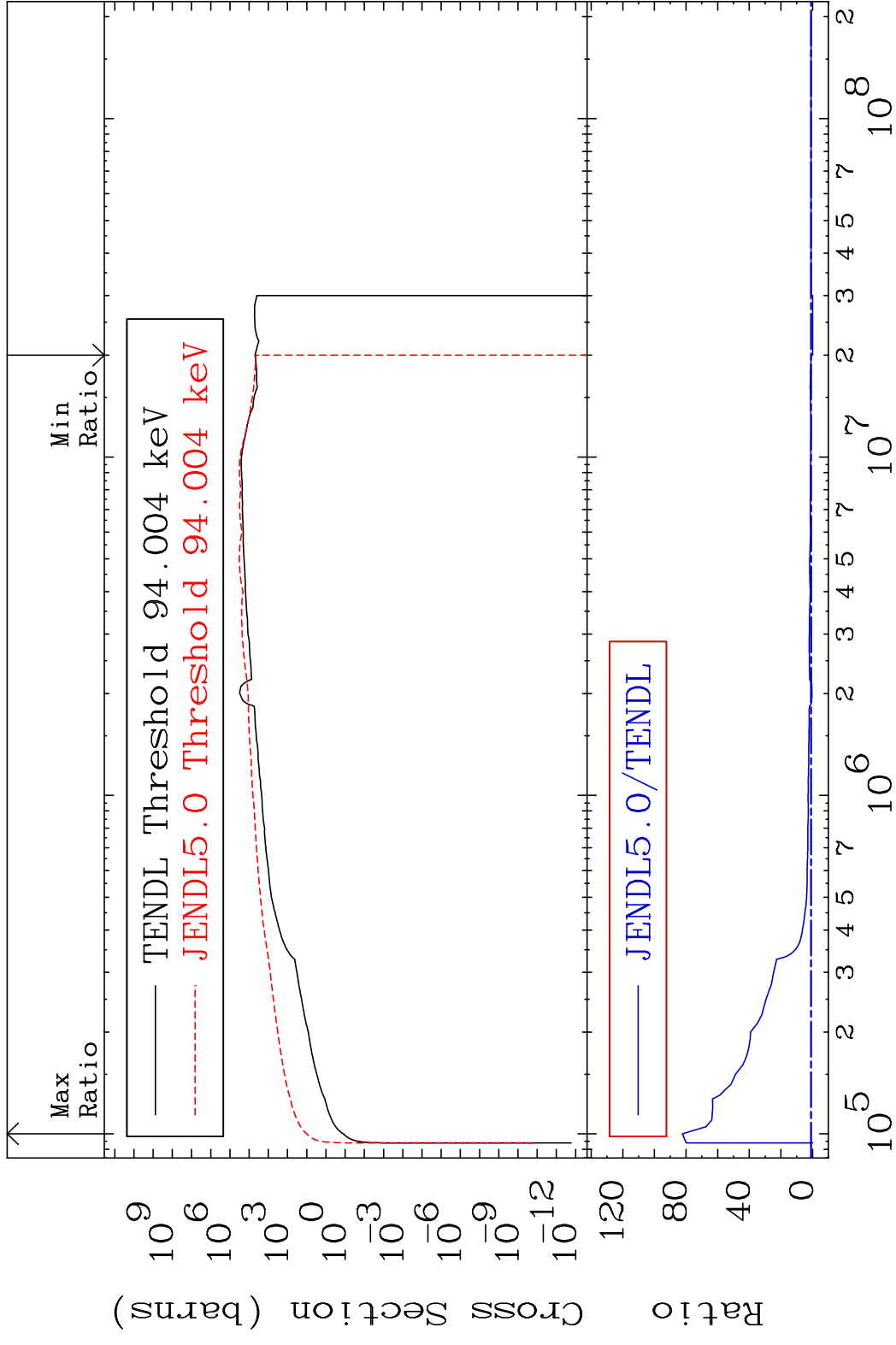
-97.86 To 9999. %



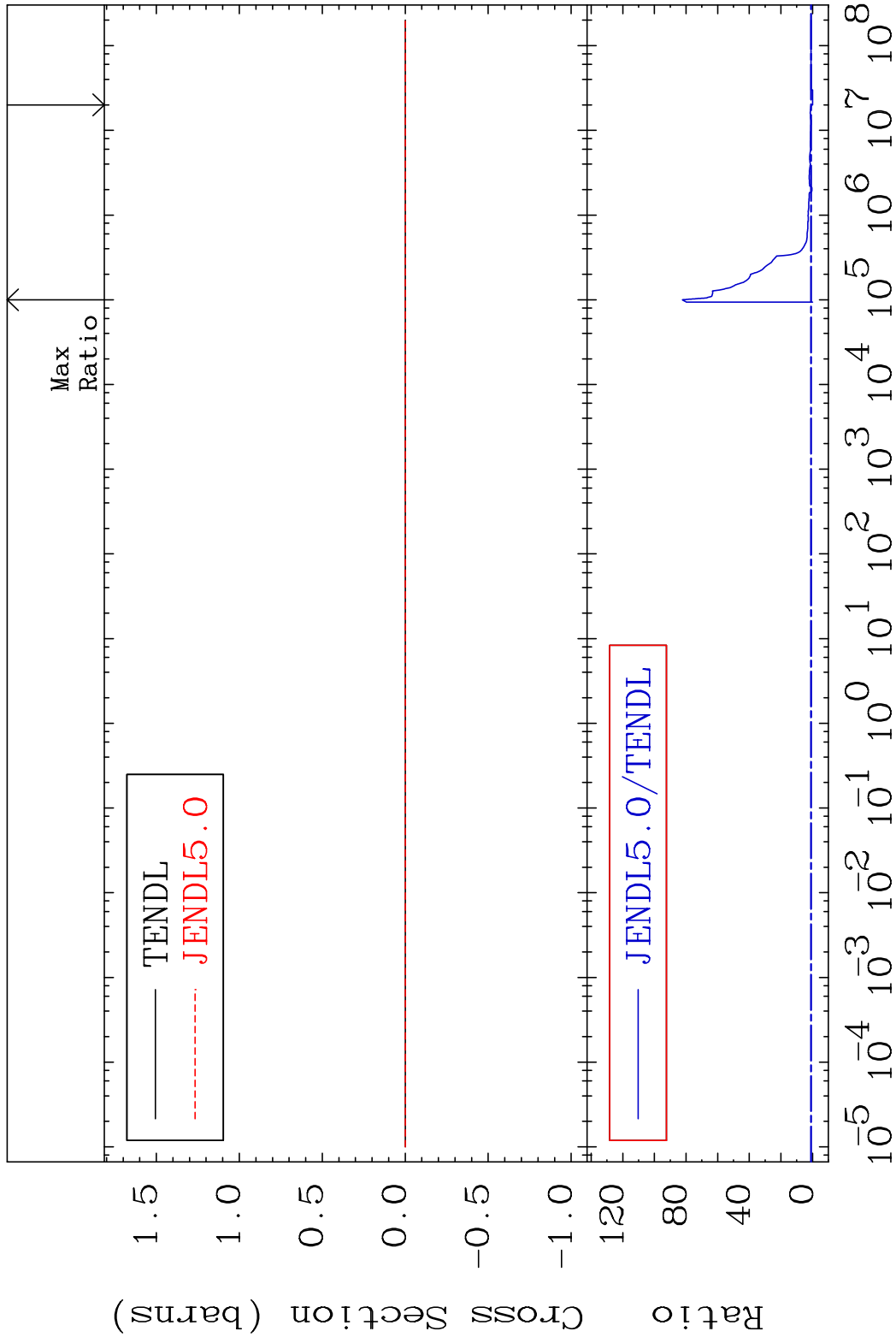
MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107
Cross Section -99.86 To 9999. %



MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 8132. %

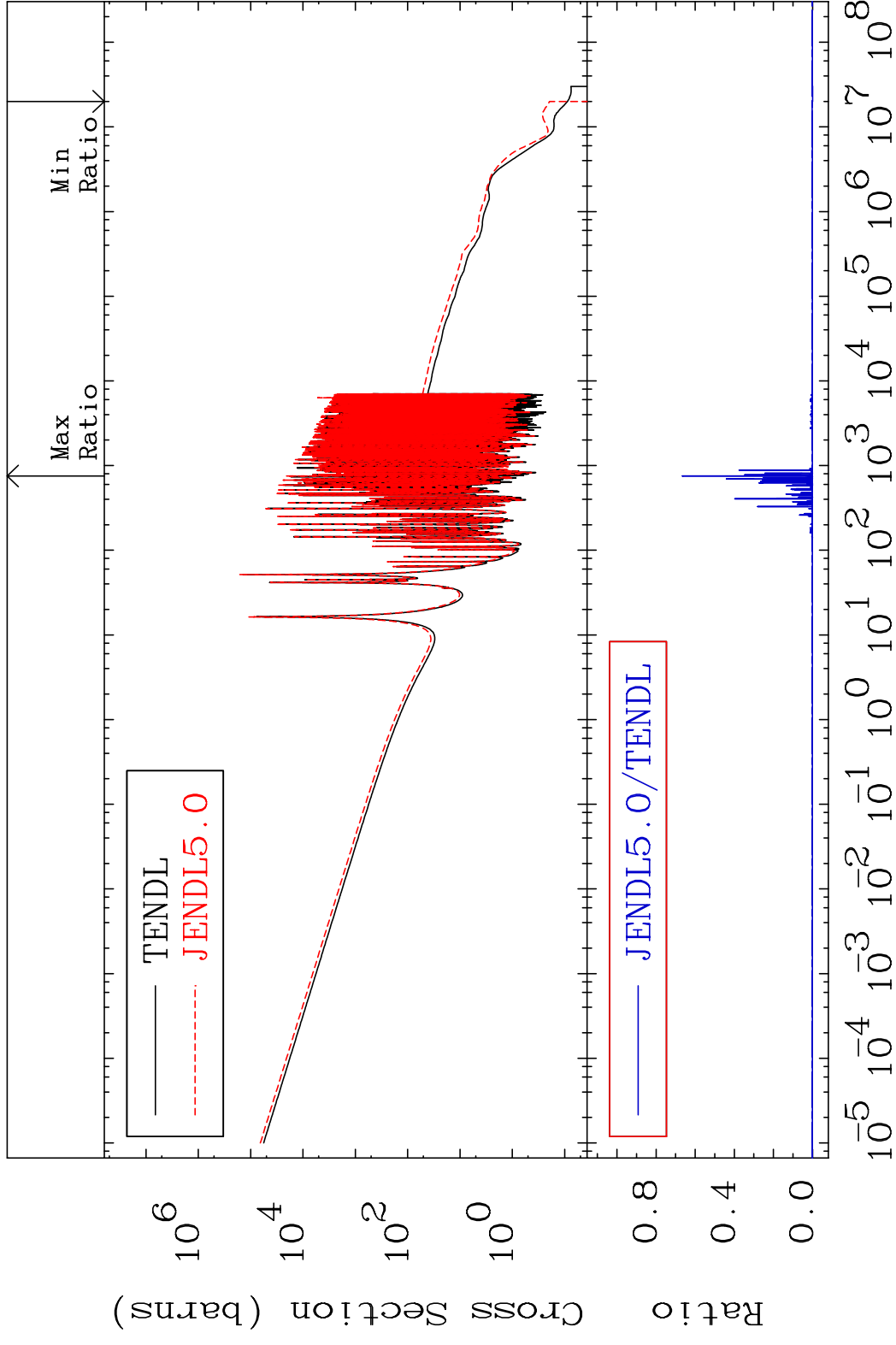


MAT 4725 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-107
 Cross Section -100.0 To 8132. %

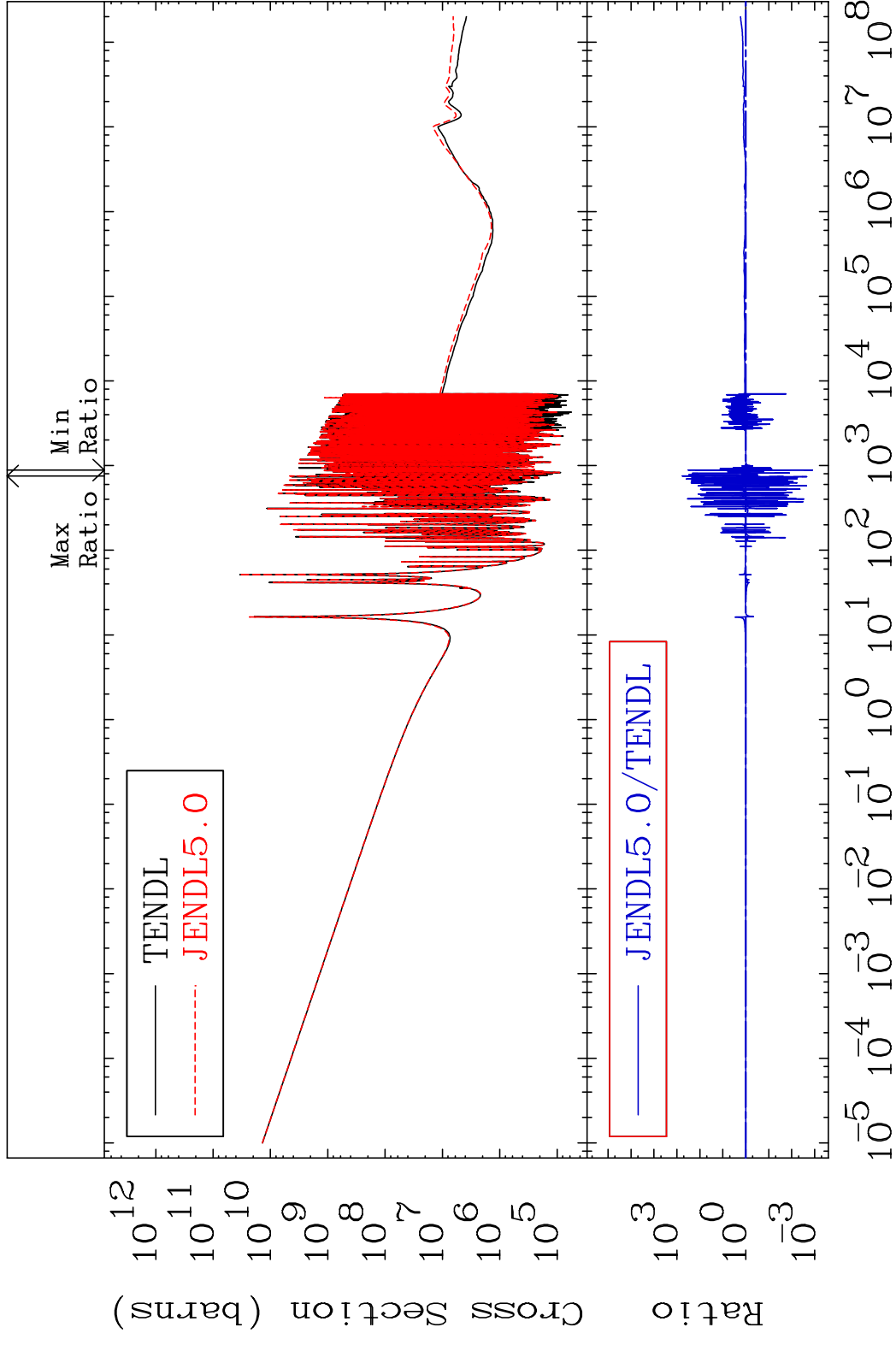


MAT 4725

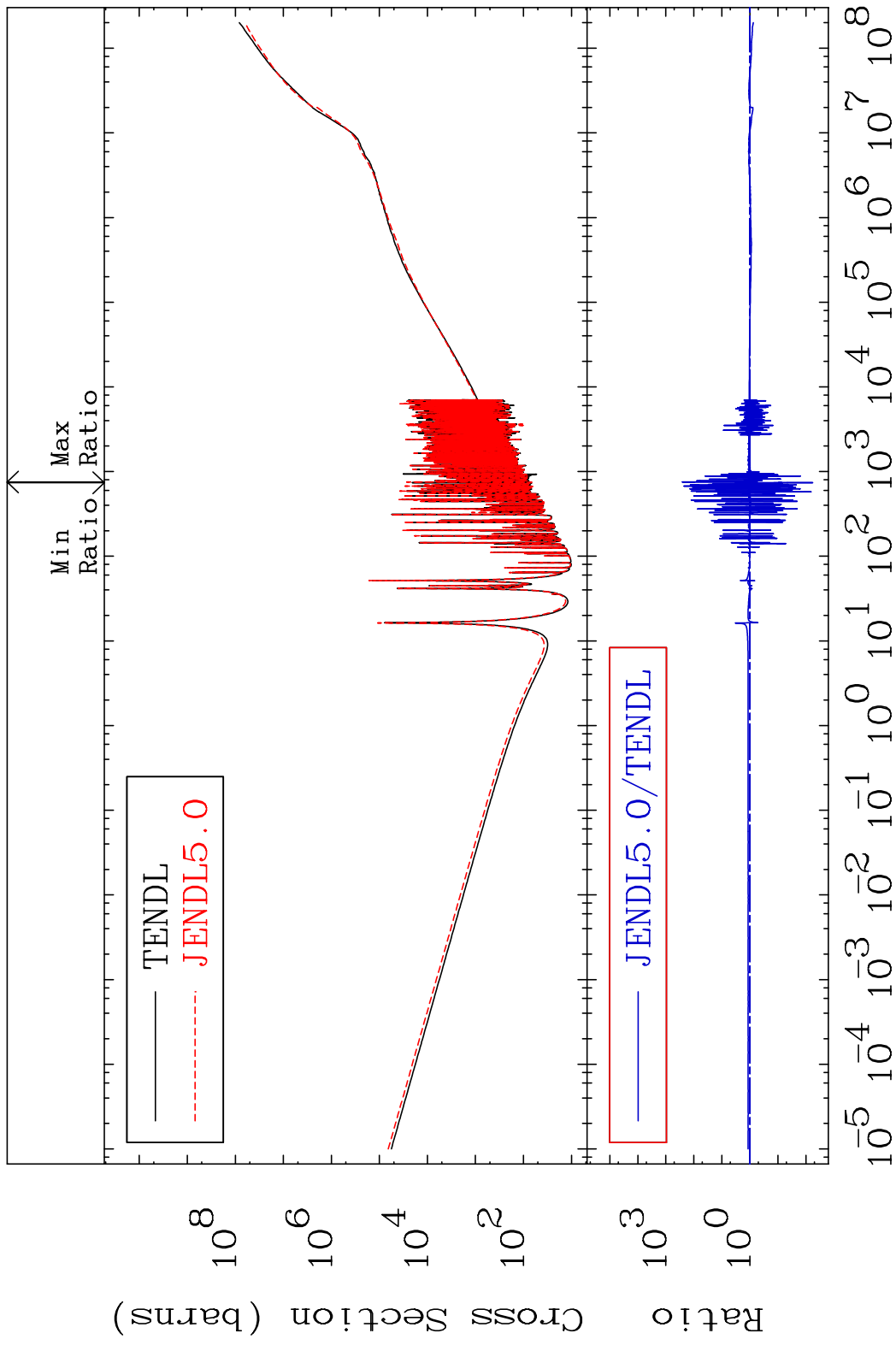
Kerma capture (mt102) 47-Ag-107
Cross Section -100.0 To 9999. %



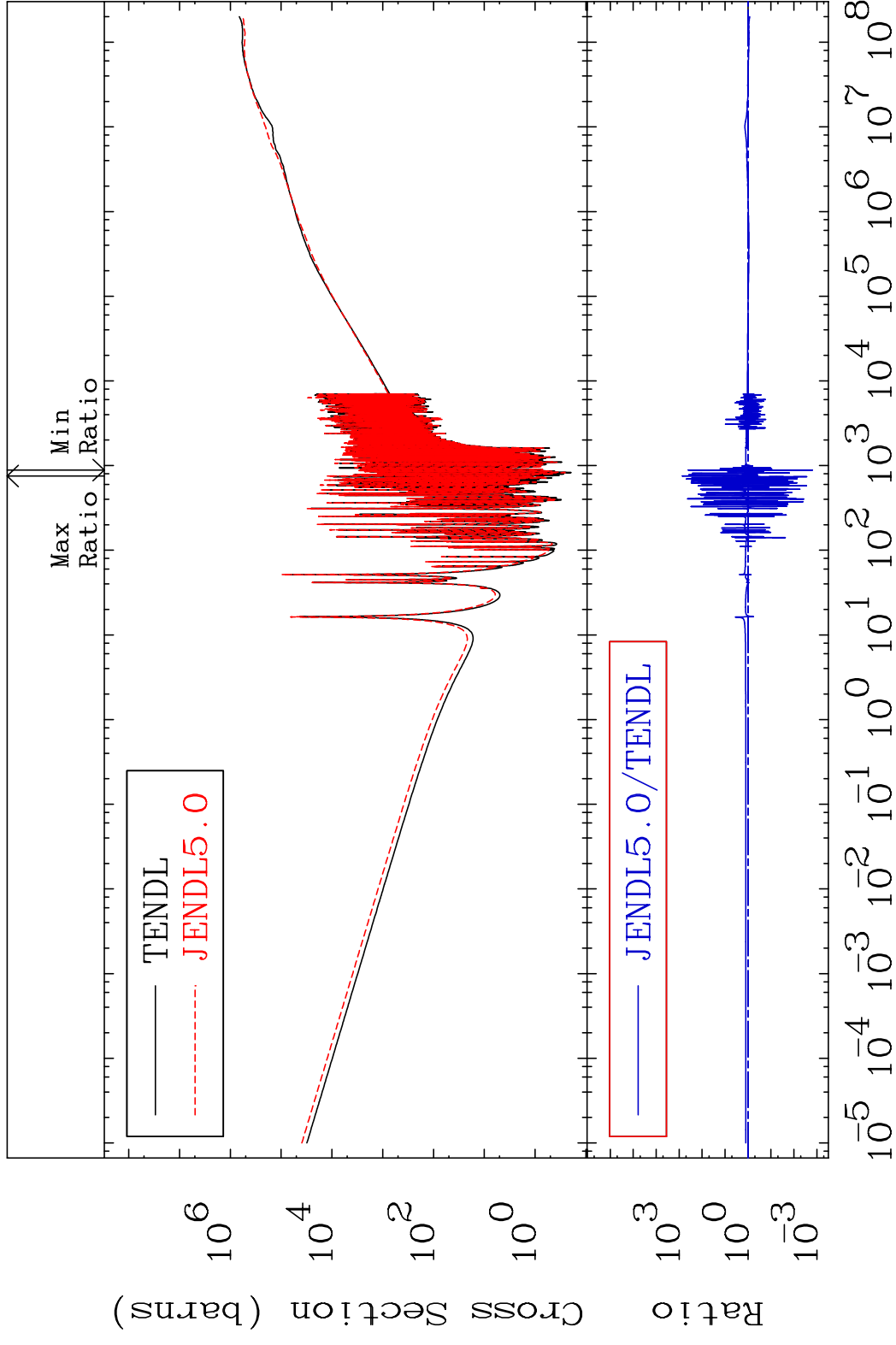
MAT 4725 Total photon (eV-barns) 47-Ag-107
 Cross Section -99.88 To 9999. %



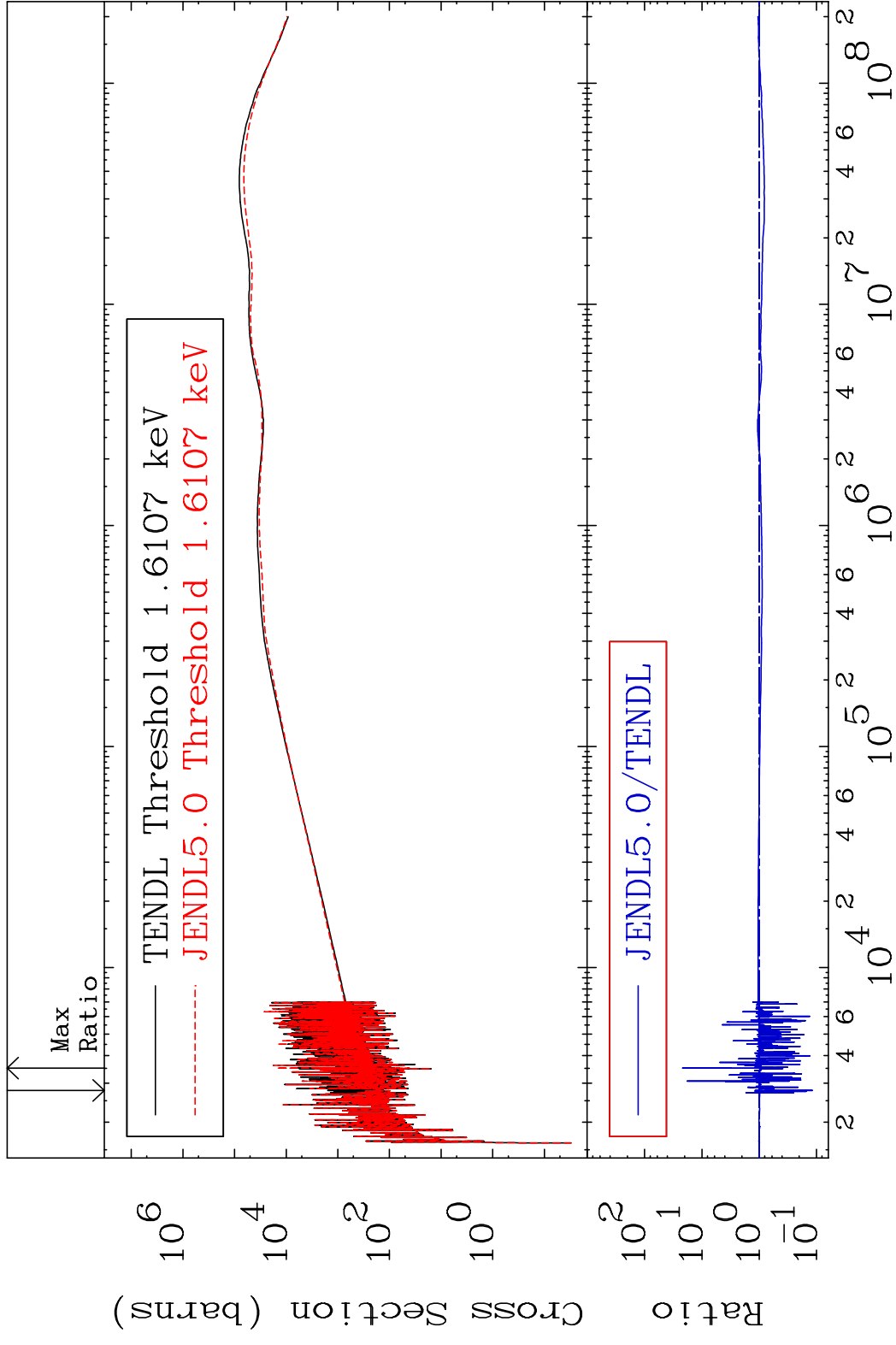
MAT 4725 Total kinematic kerma (high limit) 47-Ag-107
 Cross Section -99.42 To 9999. %



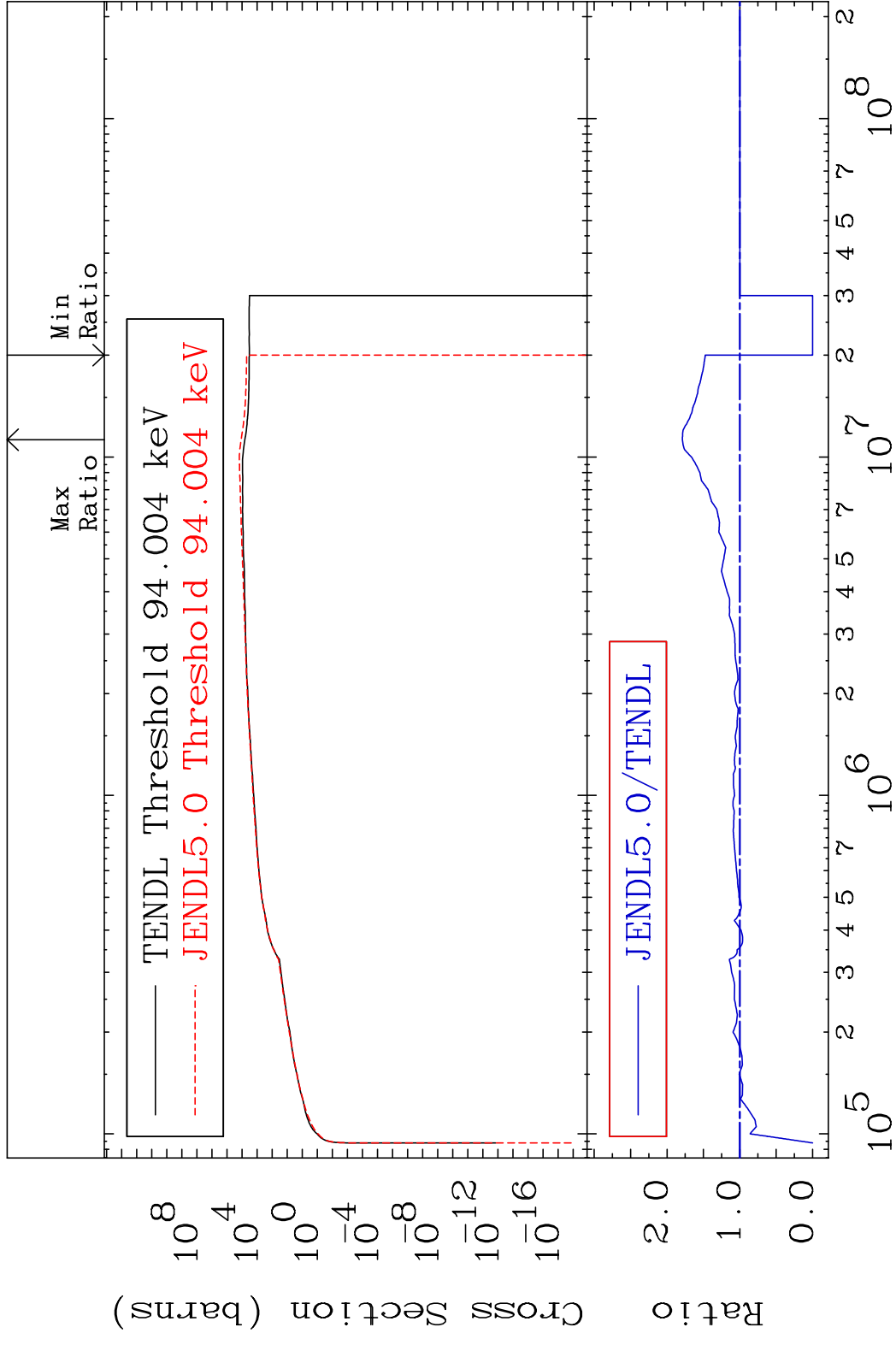
MAT 4725 Dpa total (eV-barns) 47-Ag-107
 Cross Section -99.85 To 9999. %



MAT 4725 Dpa elastic (mt2) 47-Ag-107
 Cross Section -88.28 To 2095. %

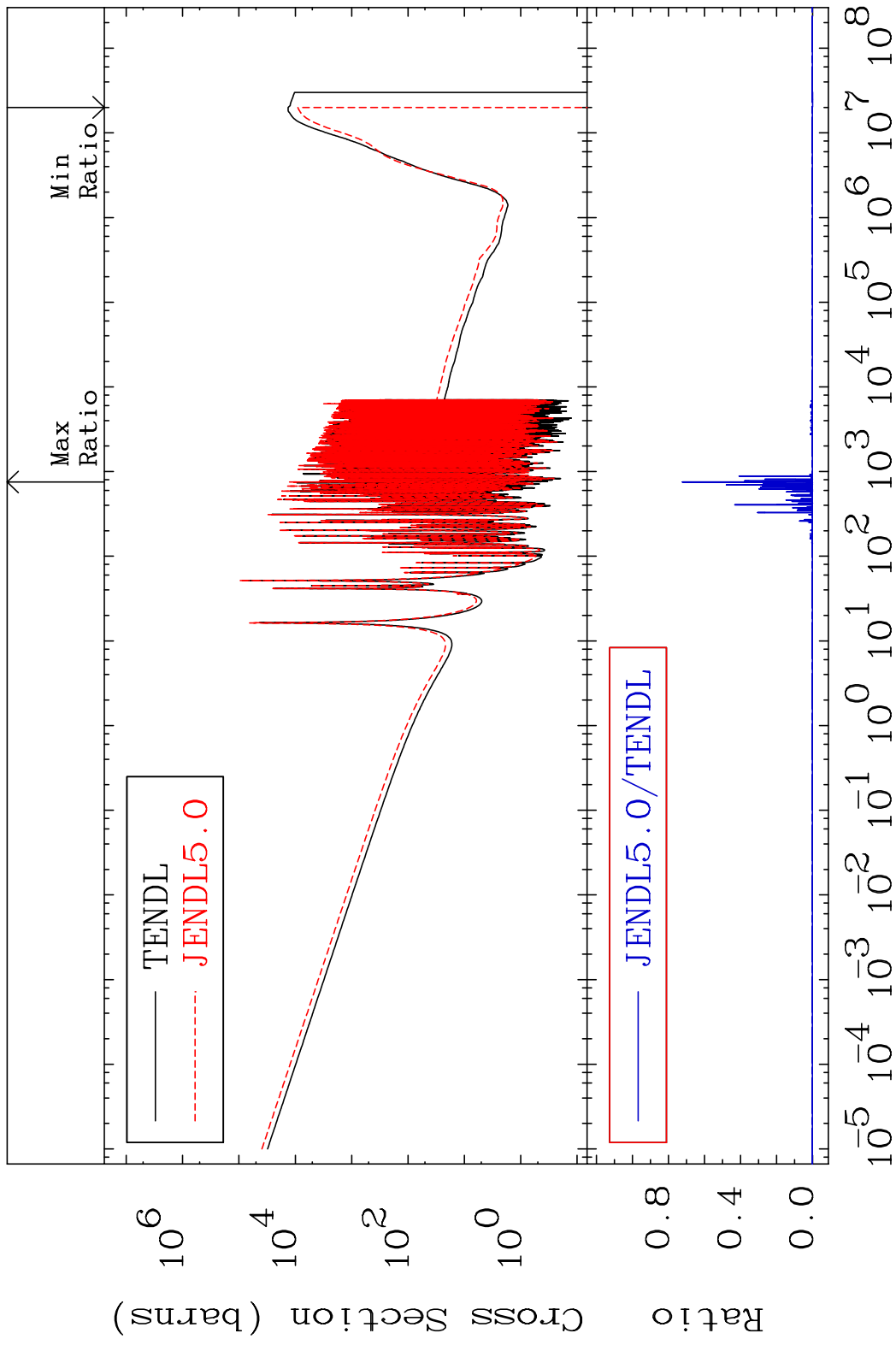


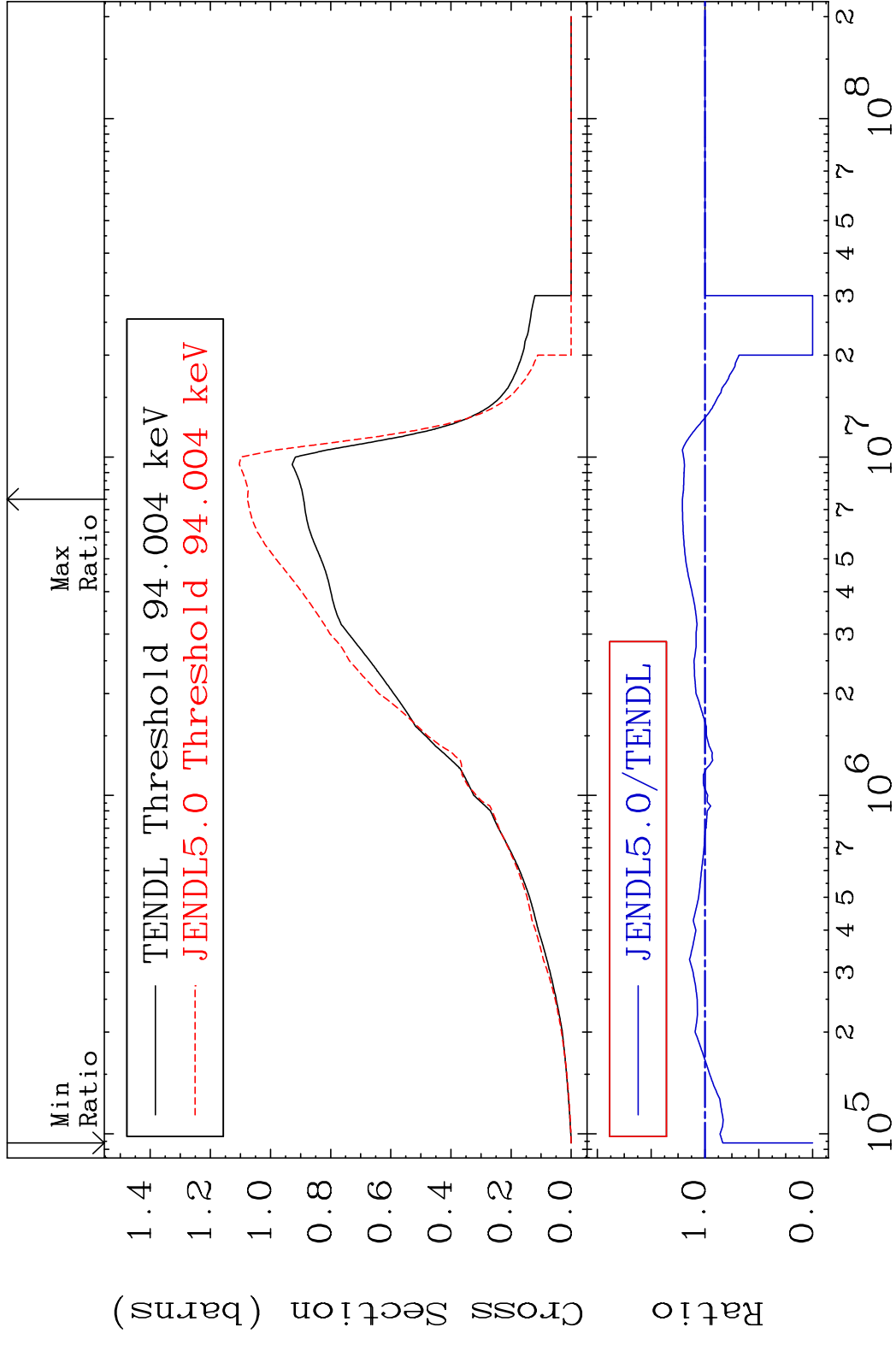
MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 78.91 %



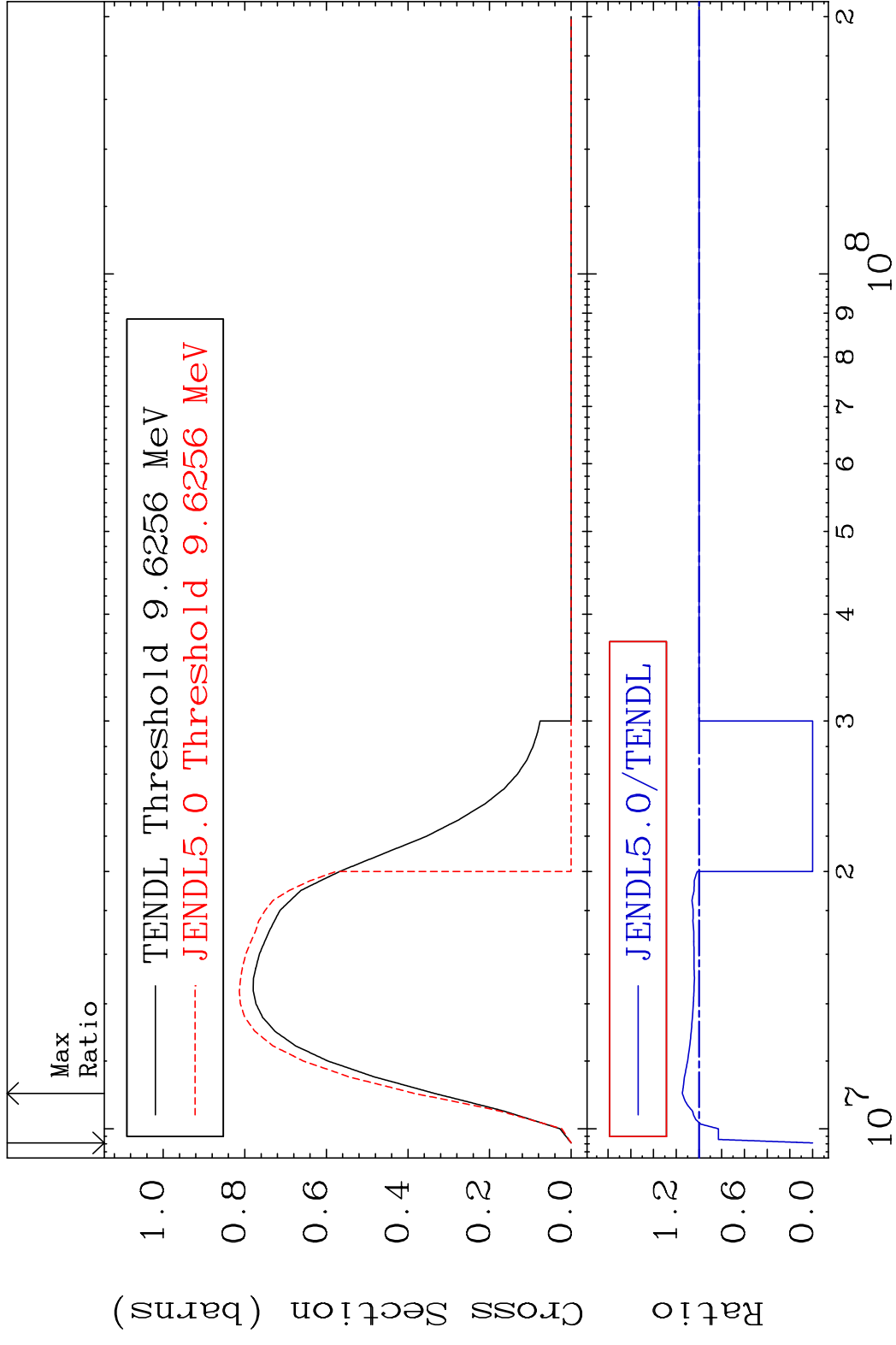
55 Incident Energy (eV) 47-Ag-107

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

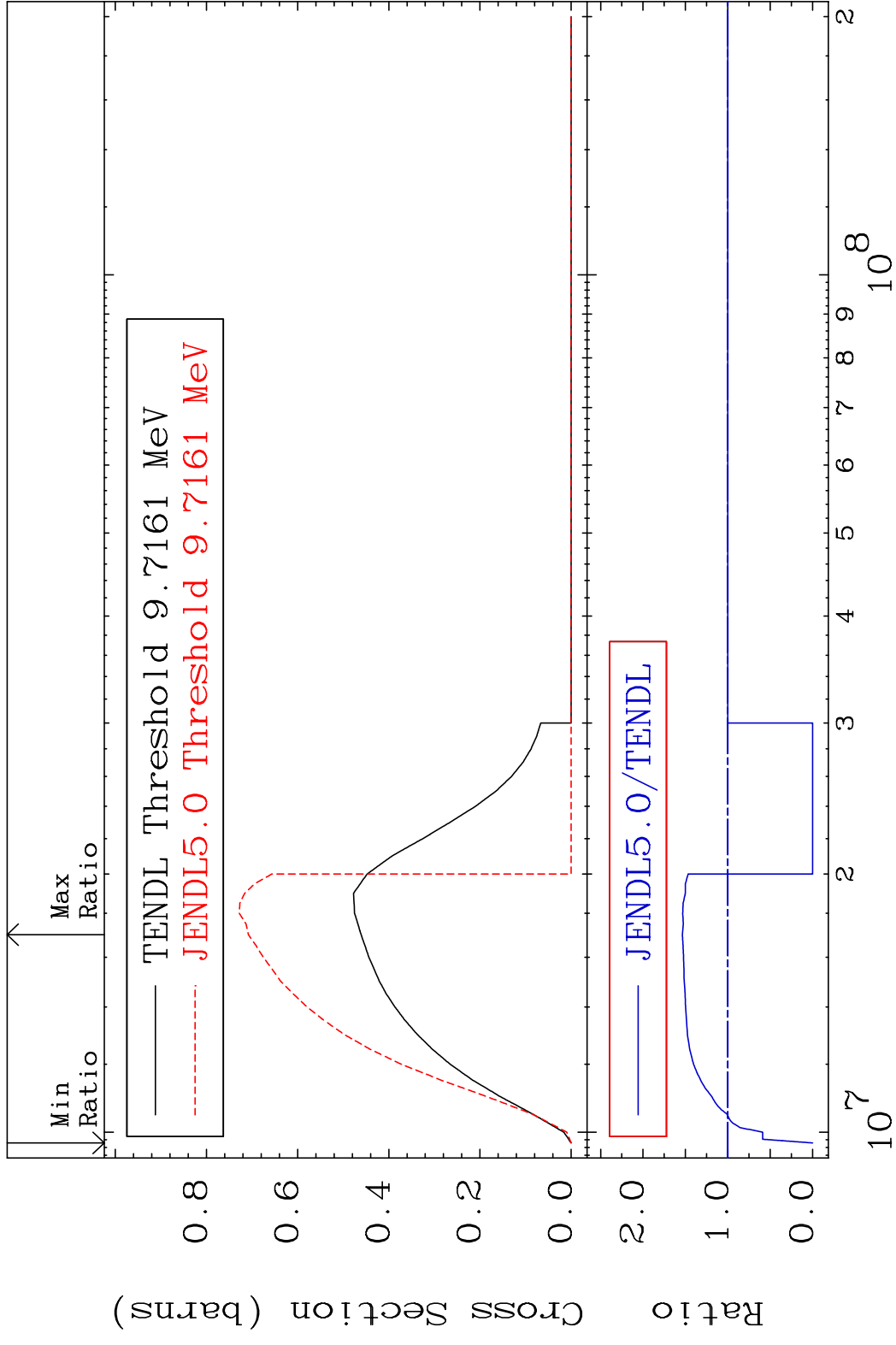




MAT 4725 (n,2n):47-Ag-106g 47-Ag-107
 Radionuclide Production Cross Section 180.0 mb 14.62 %

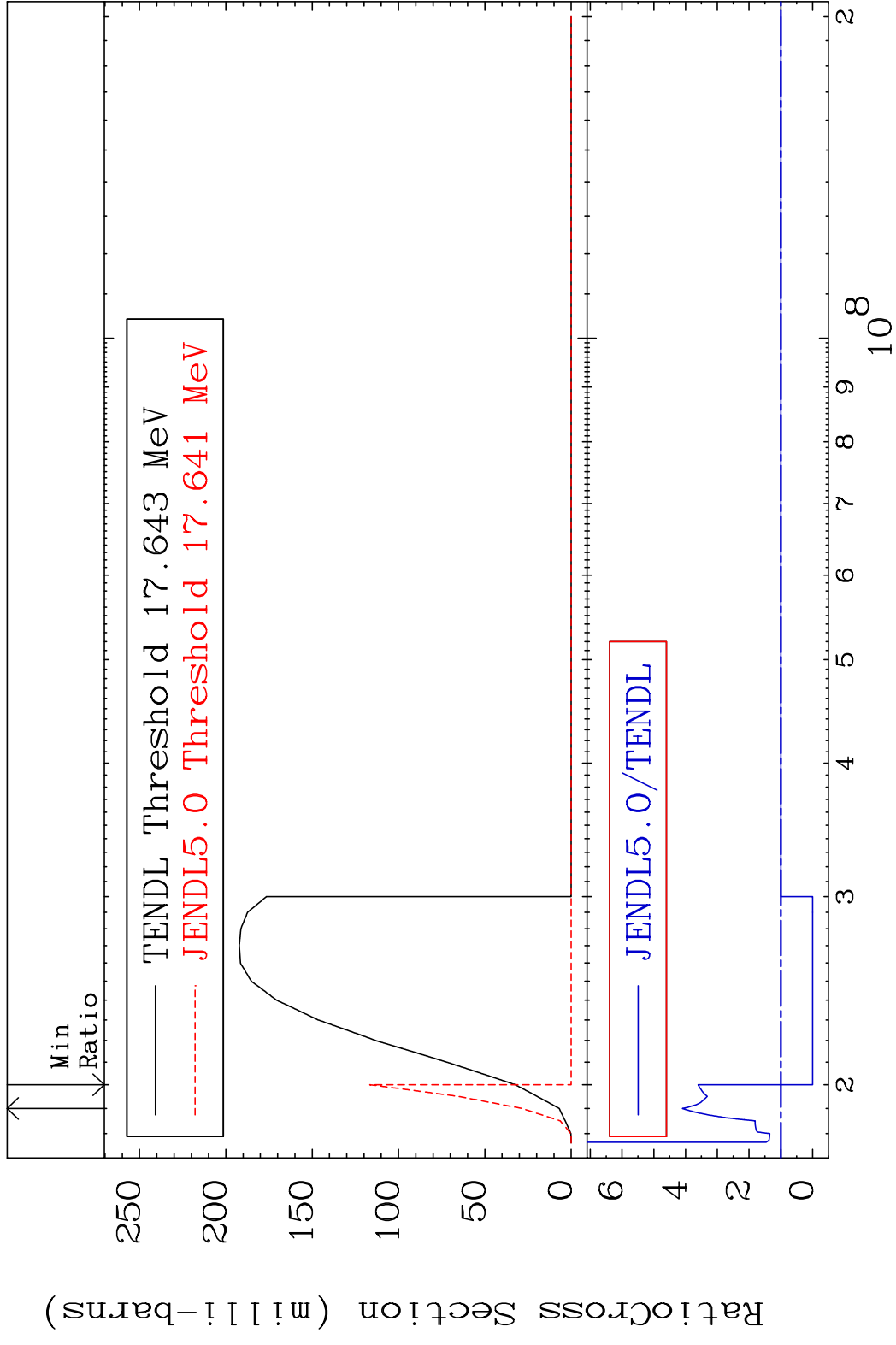


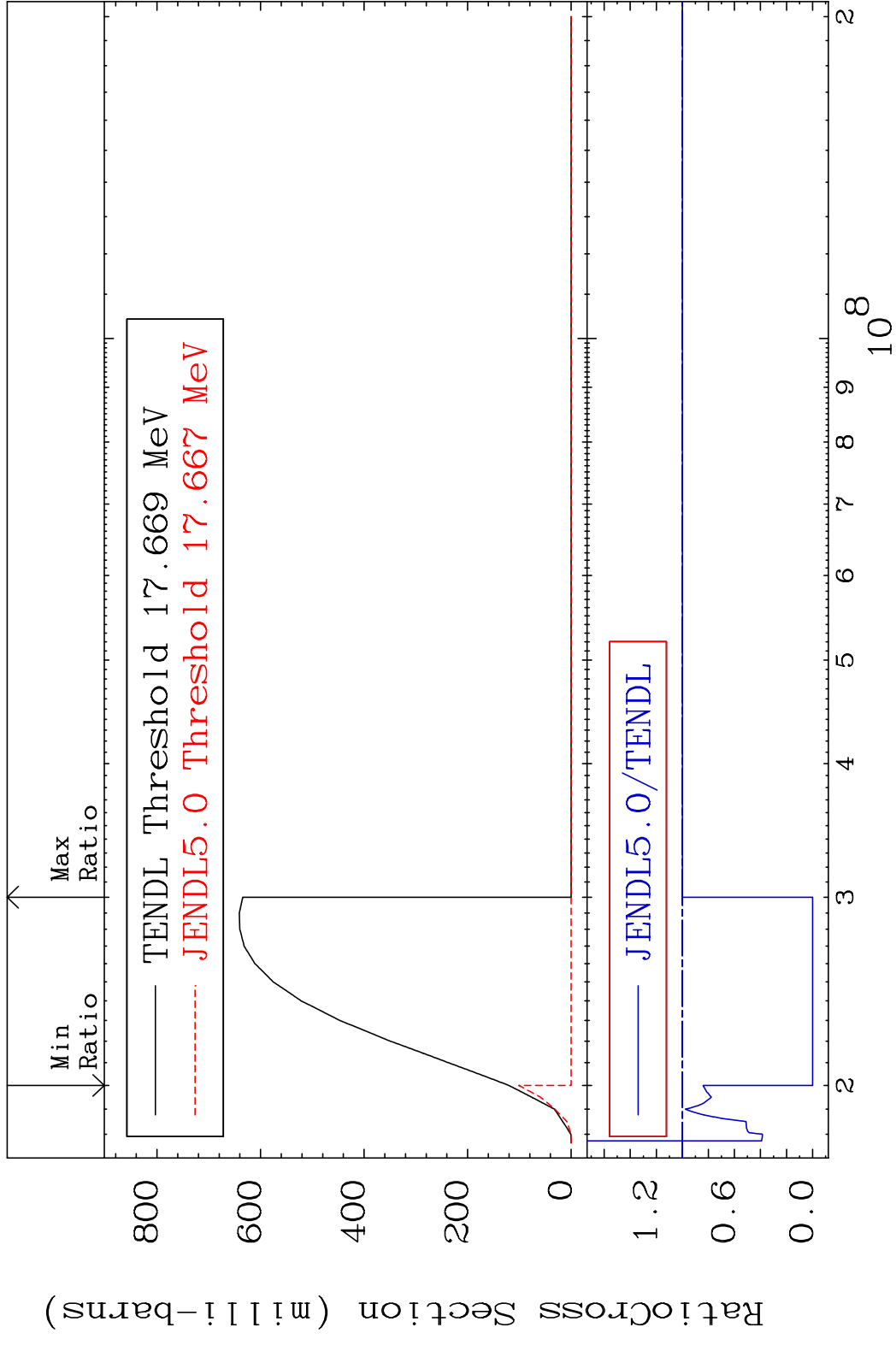
MAT 4725 (n, 2n) : 47-Ag-106m1 47-Ag-107
 Radionuclide Production Cross Section Ratio 53.60 %

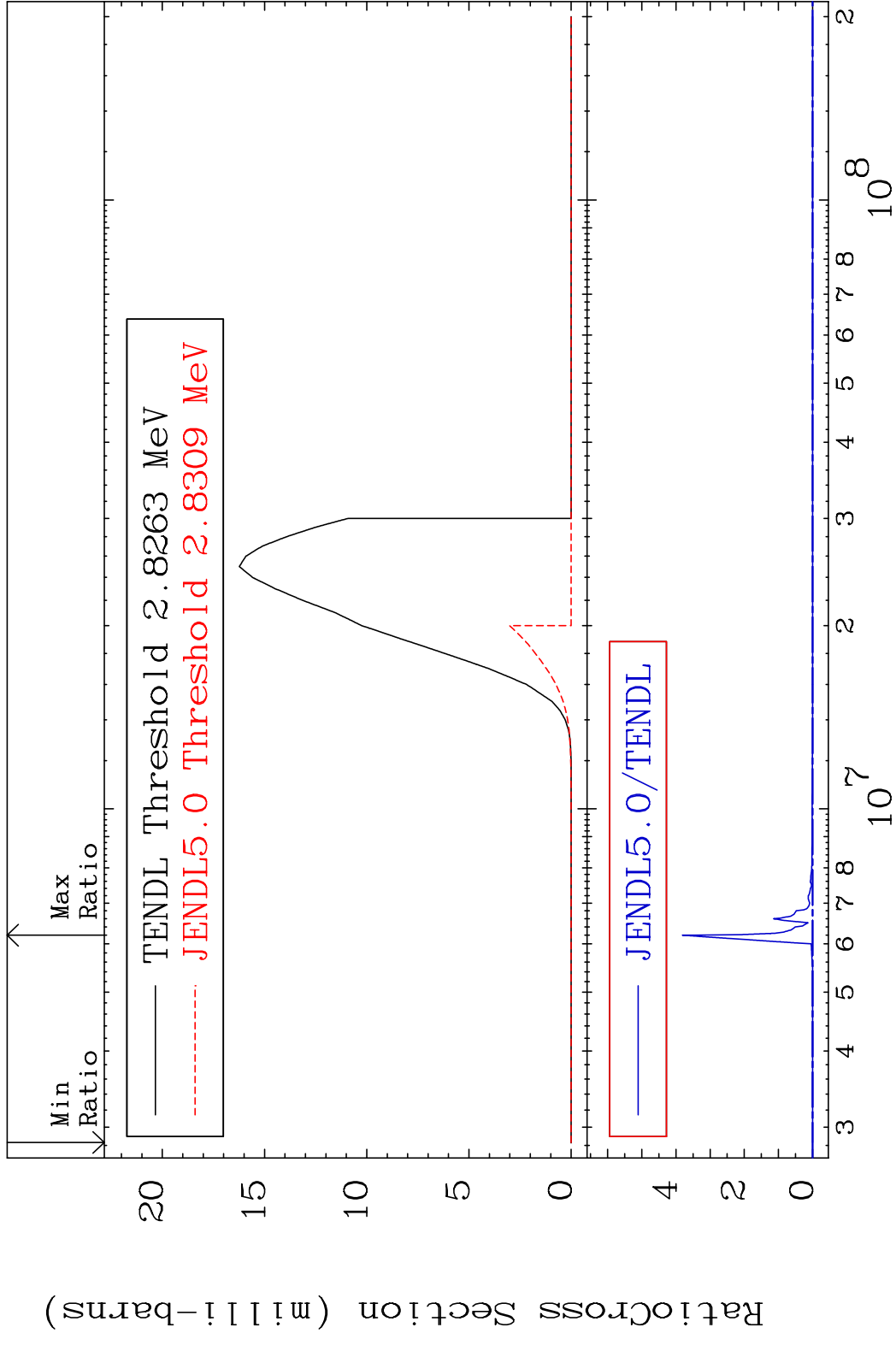


59 Incident Energy (eV) 47-Ag-107

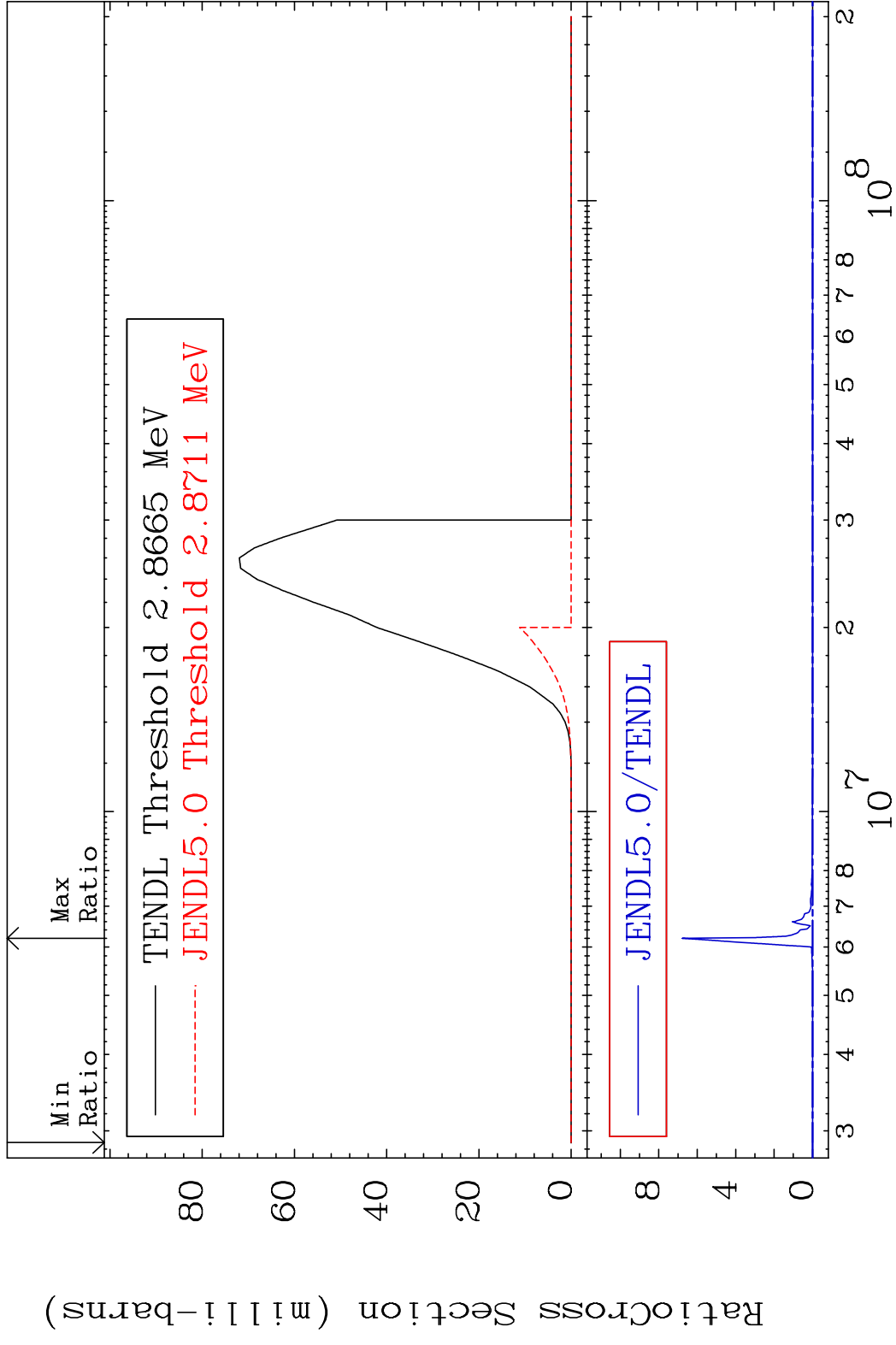
MAT 4725 (n, 3n) : 47-Ag-105g 47-Ag-107
 Radionuclide Production Cross Section 180.0 mb 310.1 %

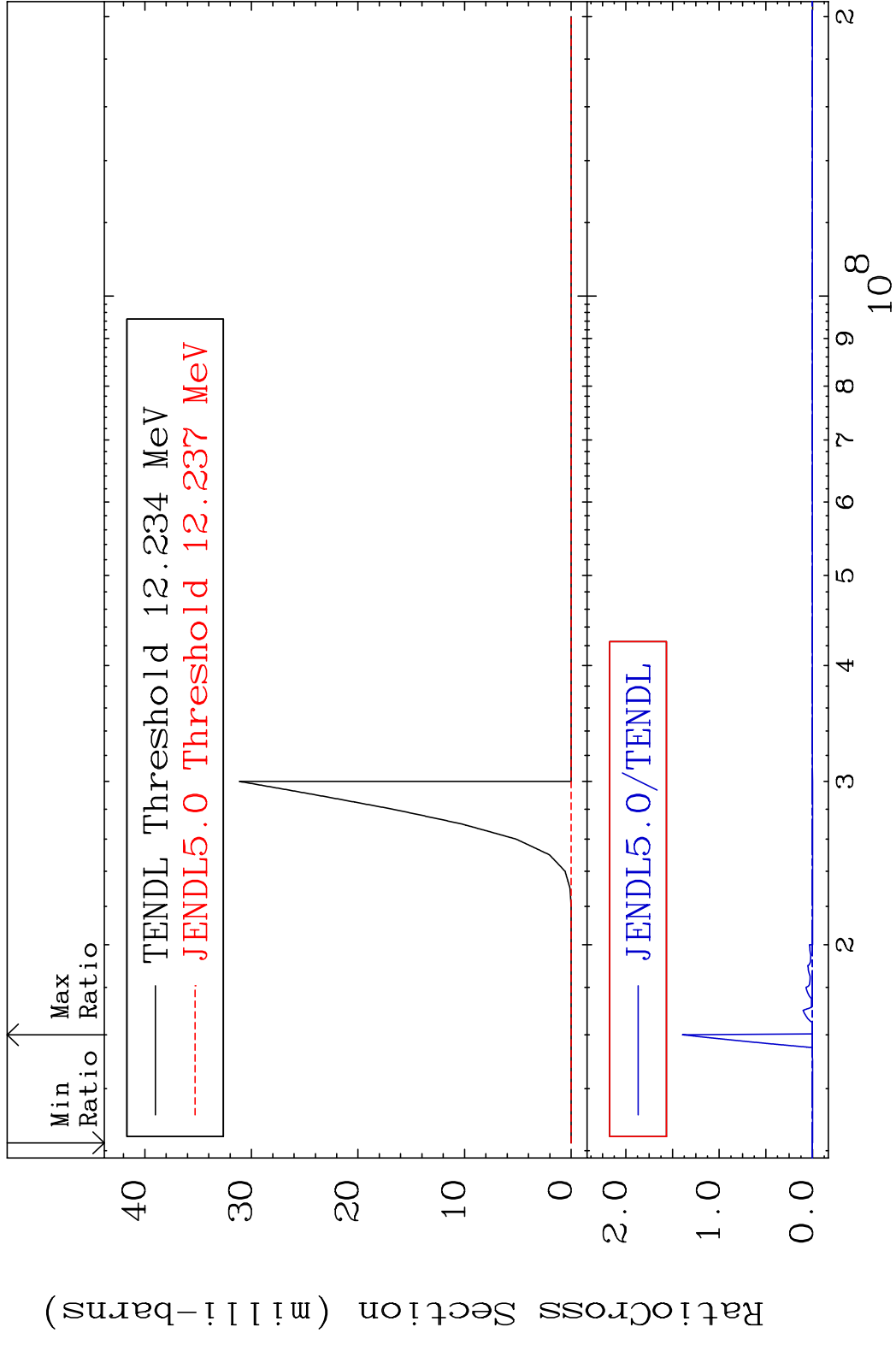




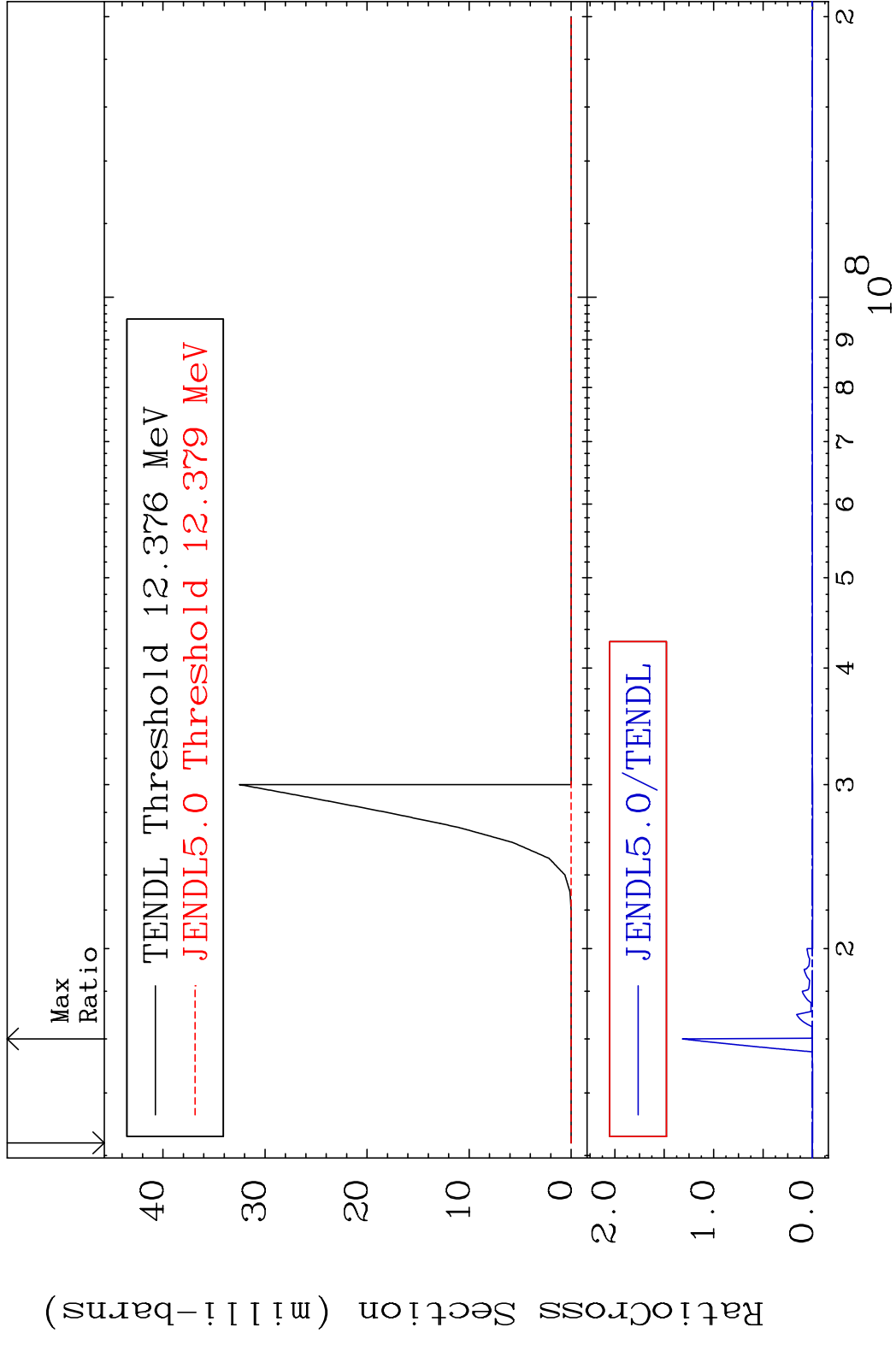


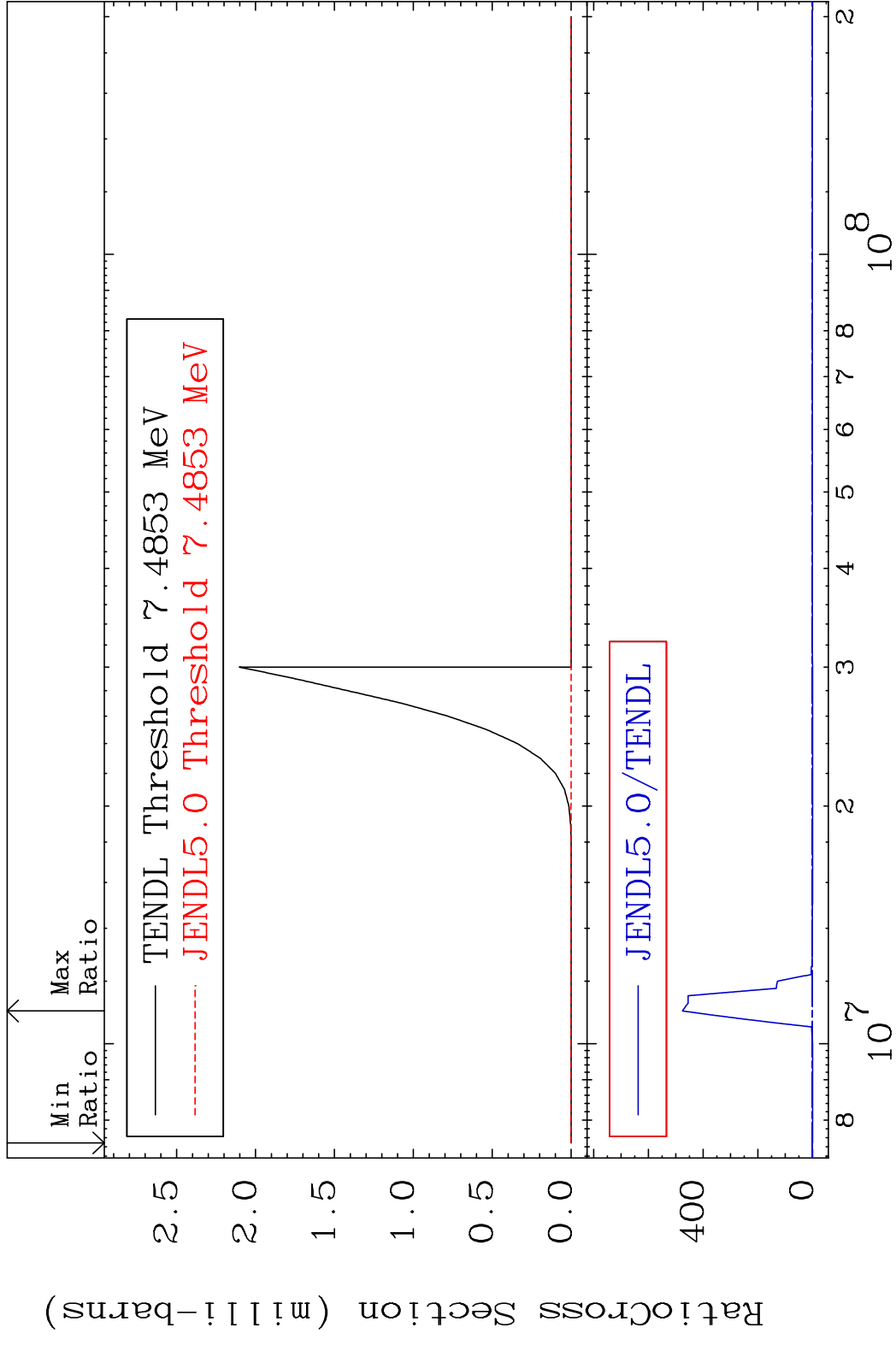
MAT 4725 (n, n') α :45-Rh-103m1 47-Ag-107
 Radionuclide Production Cross Section Ratio 9999. %

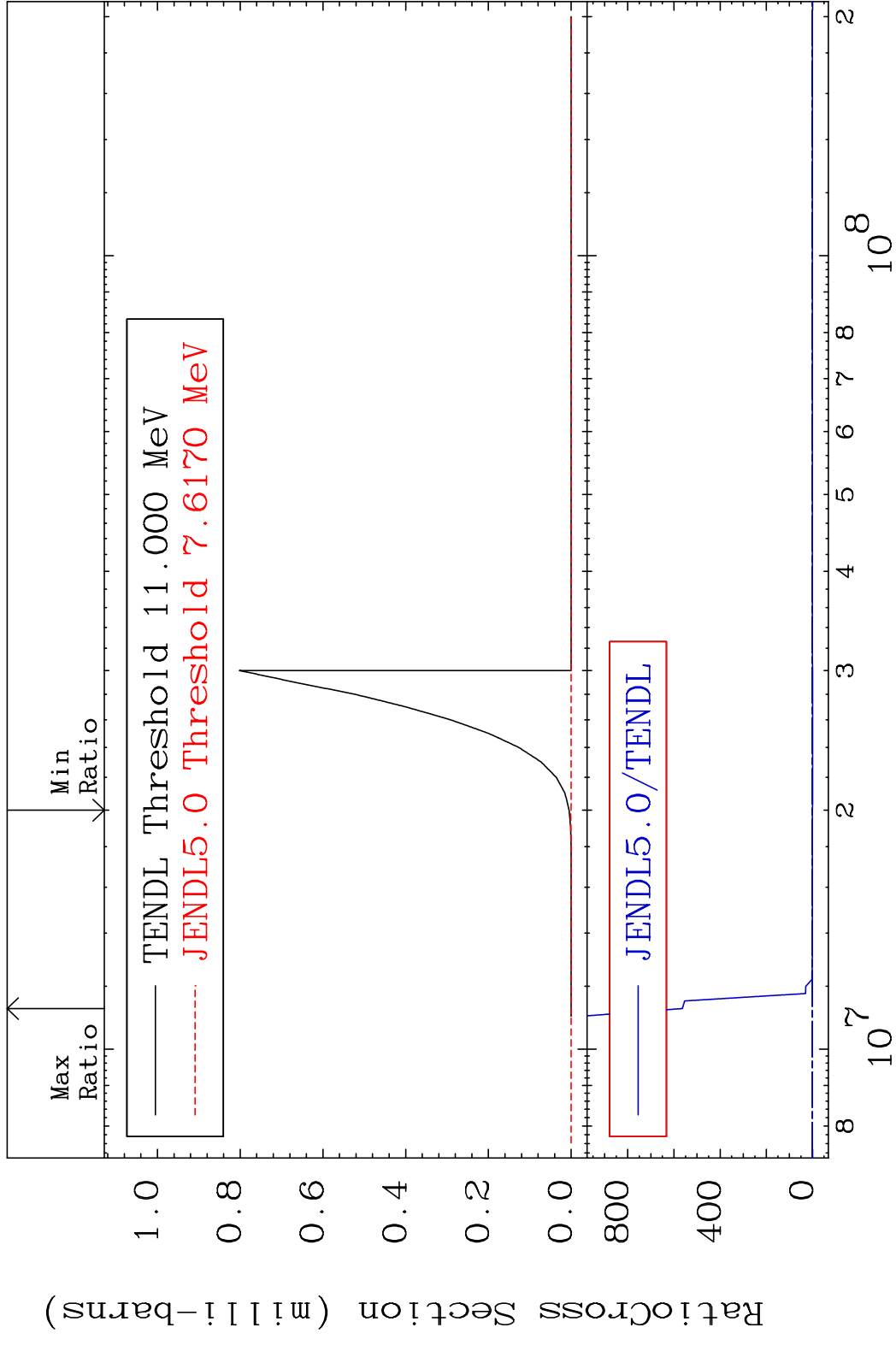


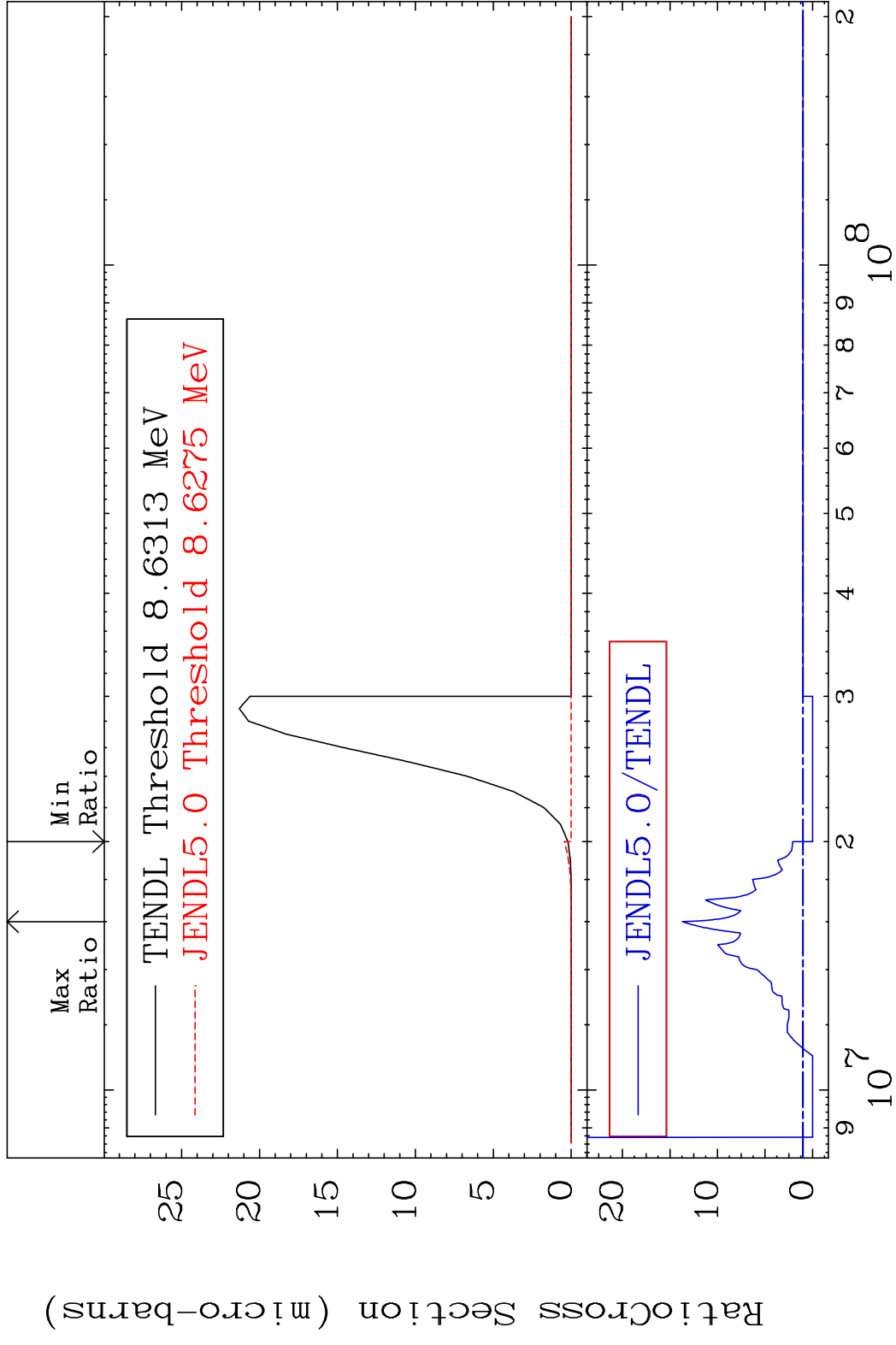


MAT 4725 (n,2n) α :45-Rh-102m5 47-Ag-107
 Radionuclide Production Cross Section Ratio

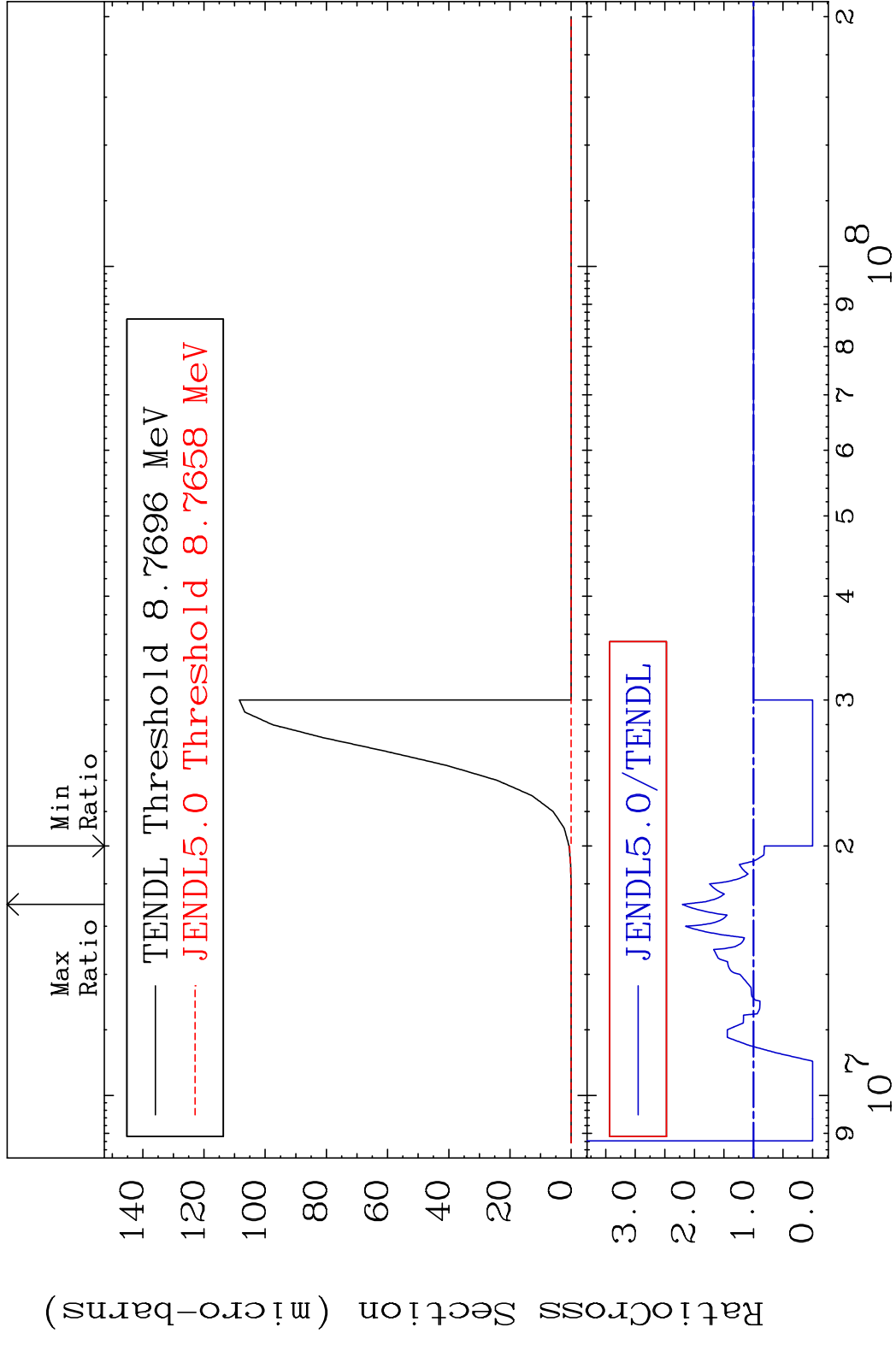








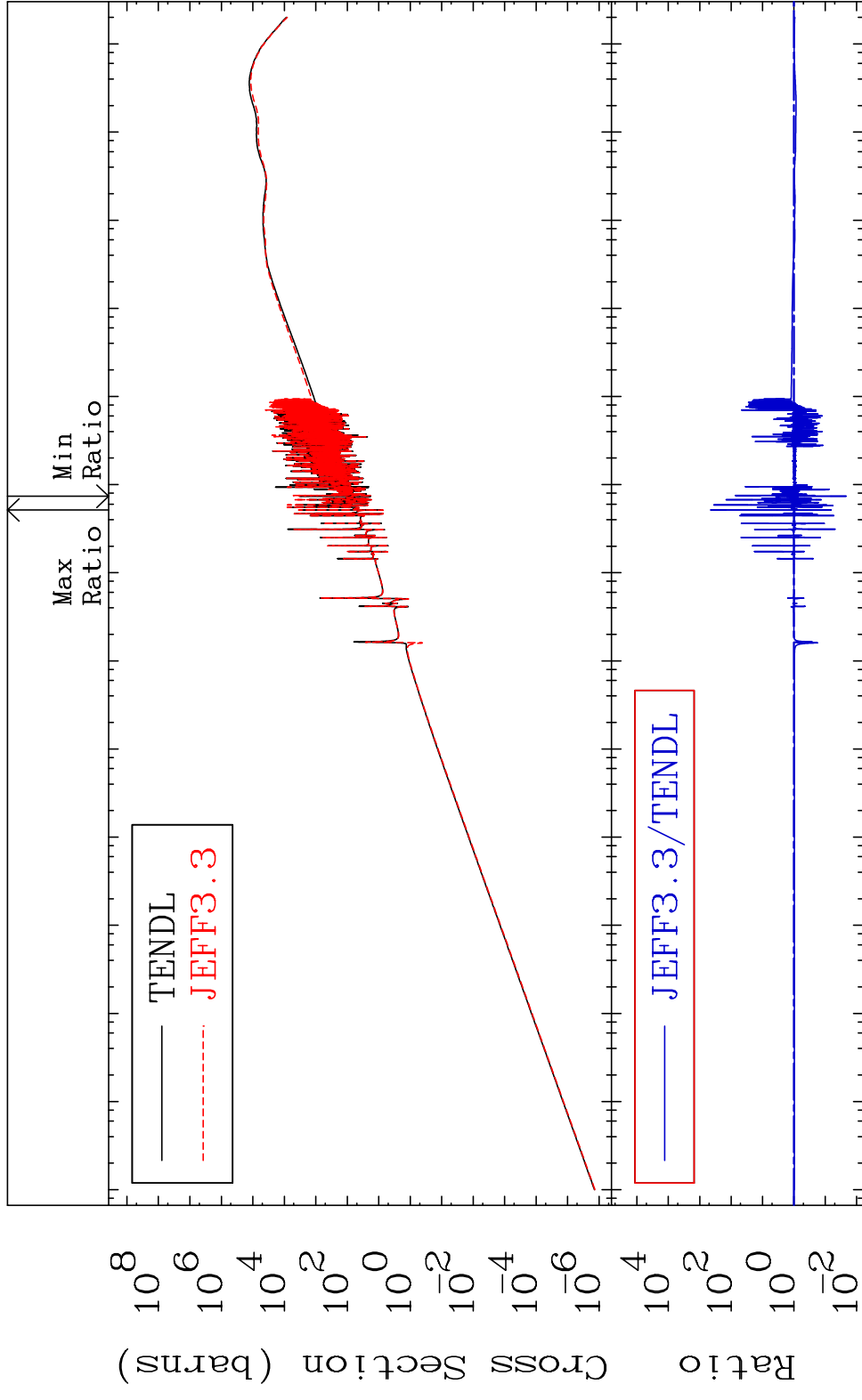
MAT 4725 (n, 2p) : 45-Rh-106m1 47-Ag-107
 Radionuclide Production Cross Section 180.0 mb 120.3 %



MAT 4725

Kerma elastic
Cross Section

47-Ag-107
-97.87 To 9999. %

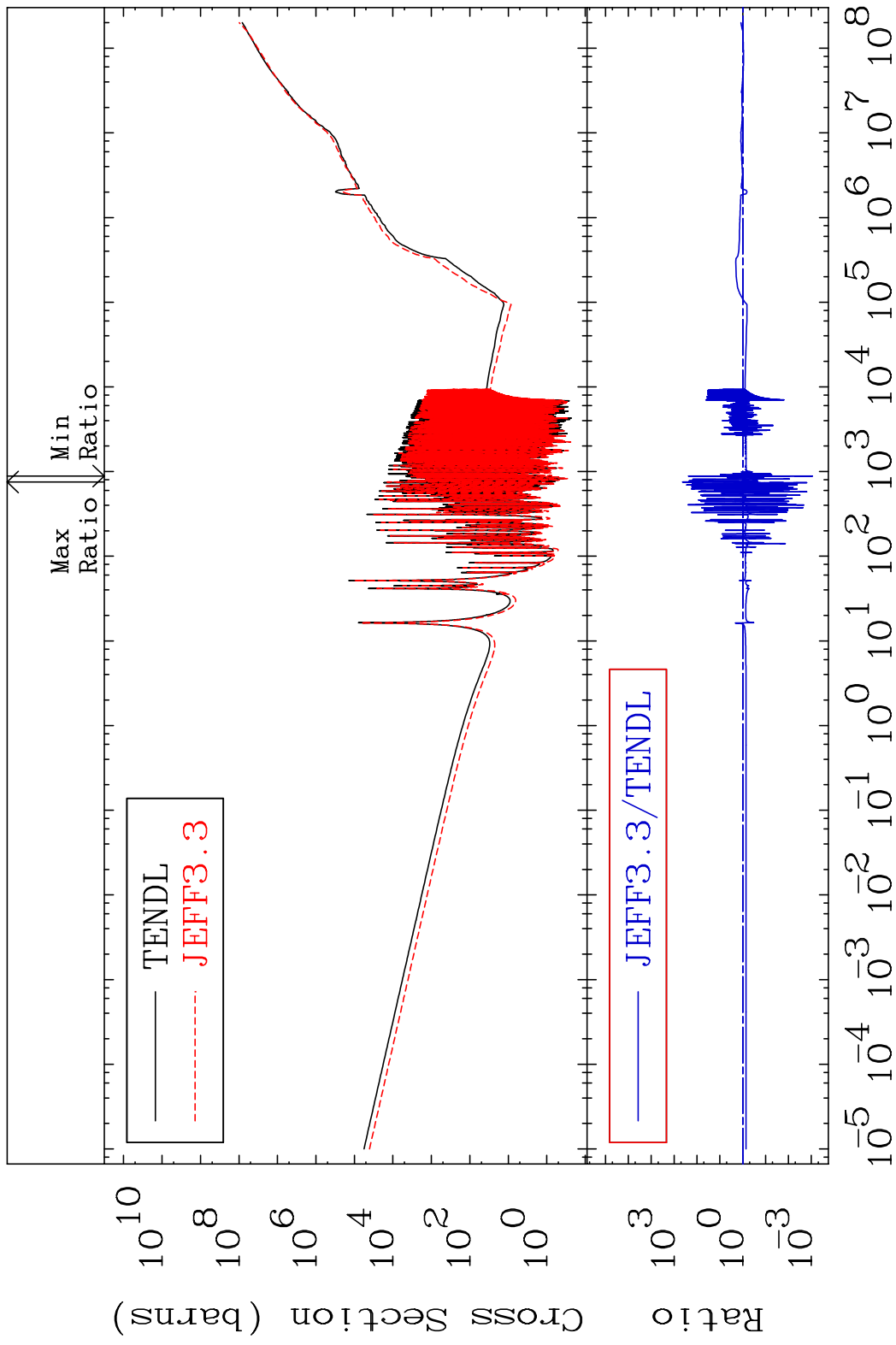


70

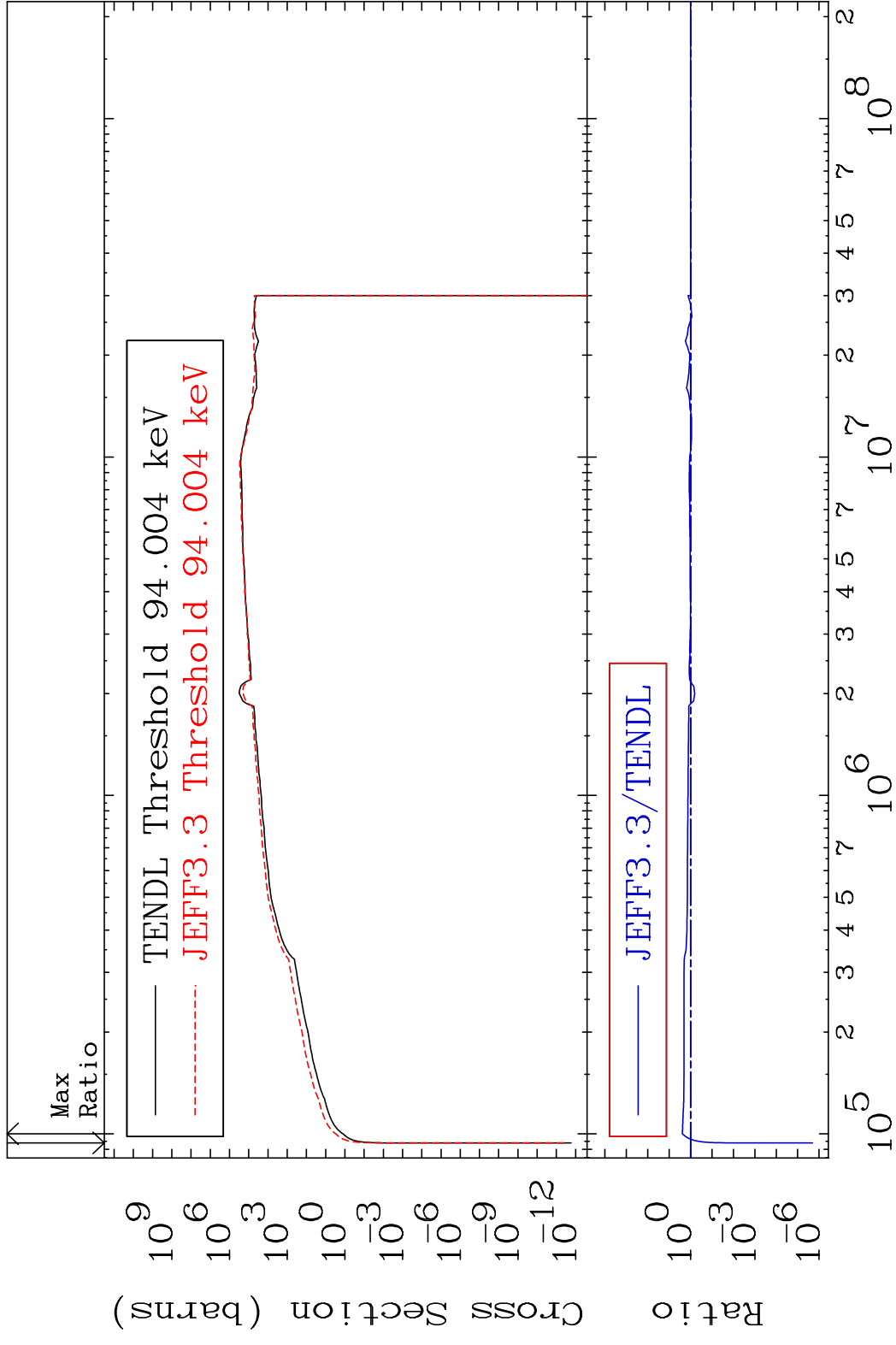
Incident Energy (eV)

47-Ag-107

MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107
 Cross Section -99.91 To 9999. %

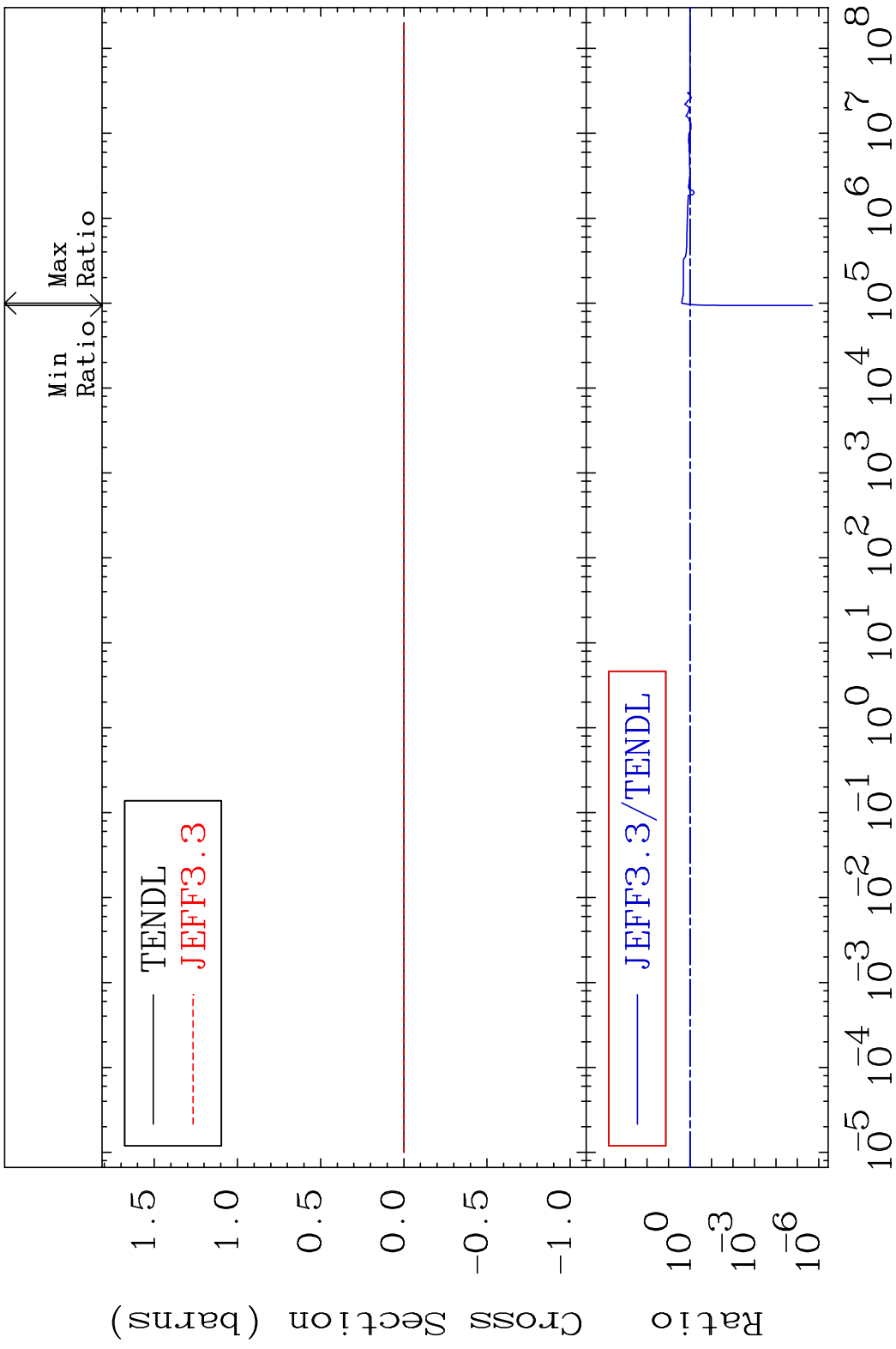


MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 142.2 %



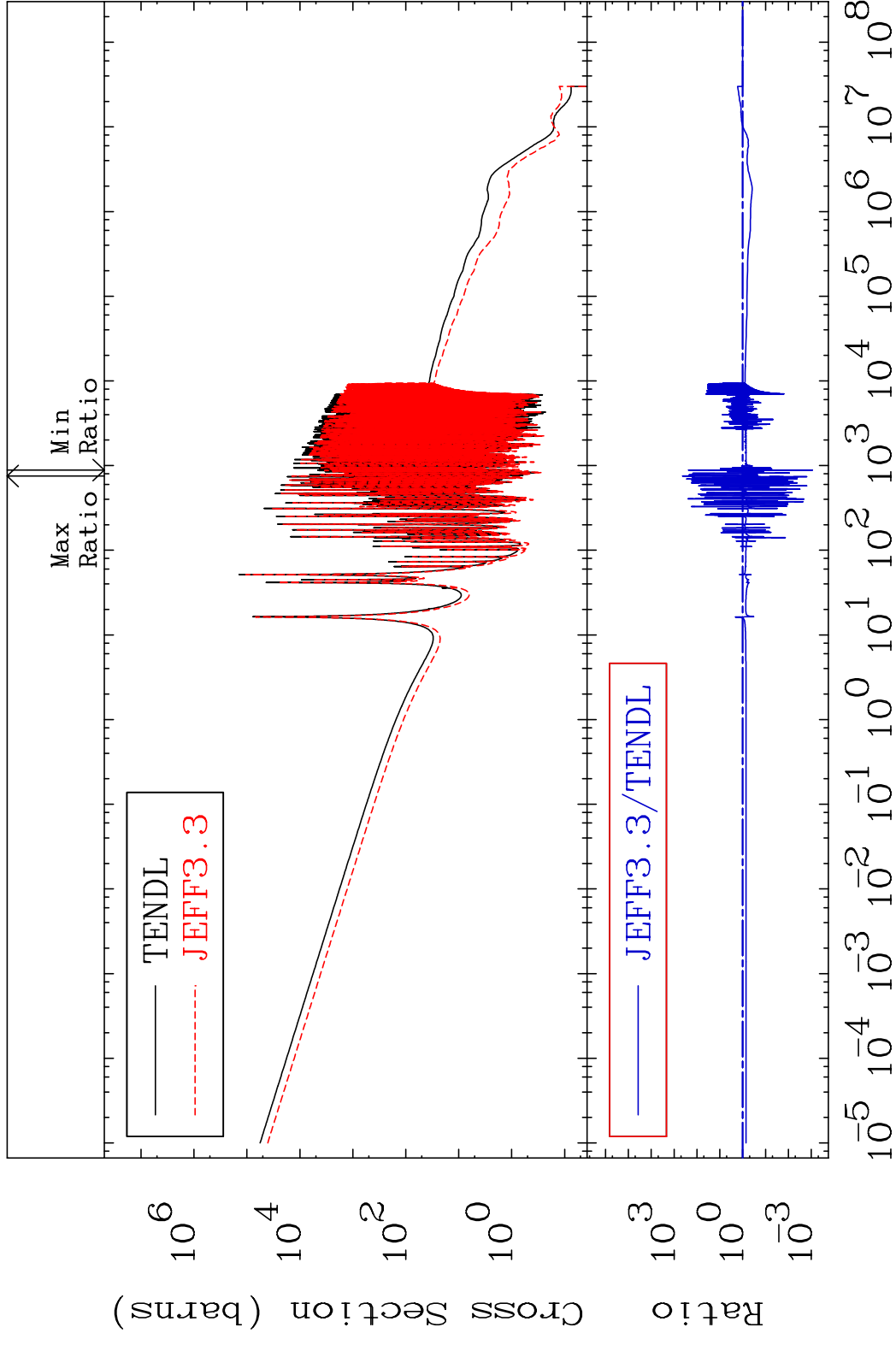
72 Incident Energy (eV) 47-Ag-107

MAT 4725 Kerma fission (mt18 or mt19-20-21-38) #7-Ag-107
 Cross Section -100.0 To 142.2 %



MAT 4725

Kerma capture (mt102) 47-Ag-107
Cross Section -99.91 To 9999. %



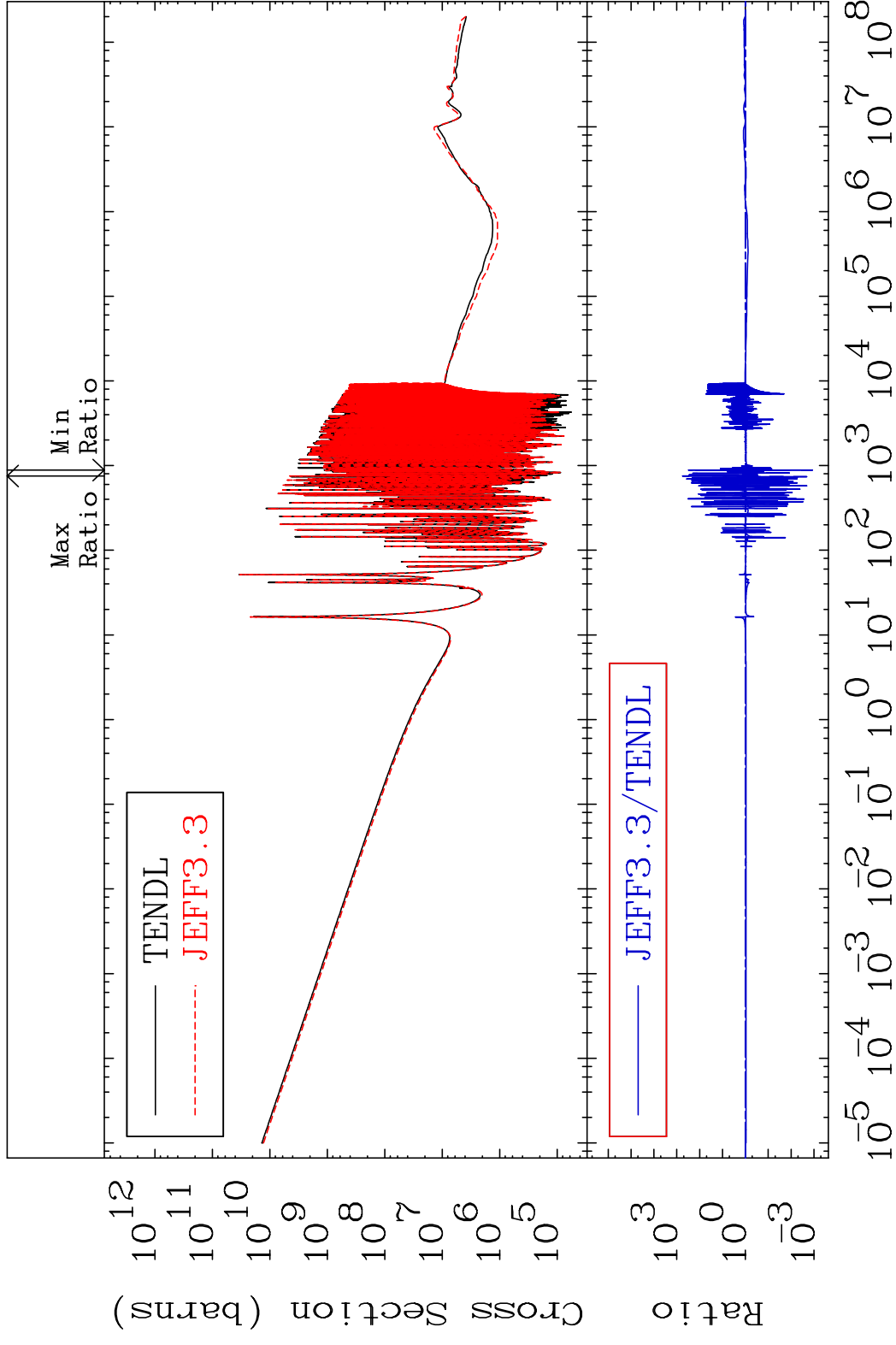
74

Incident Energy (eV)

47-Ag-107

MAT 4725

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

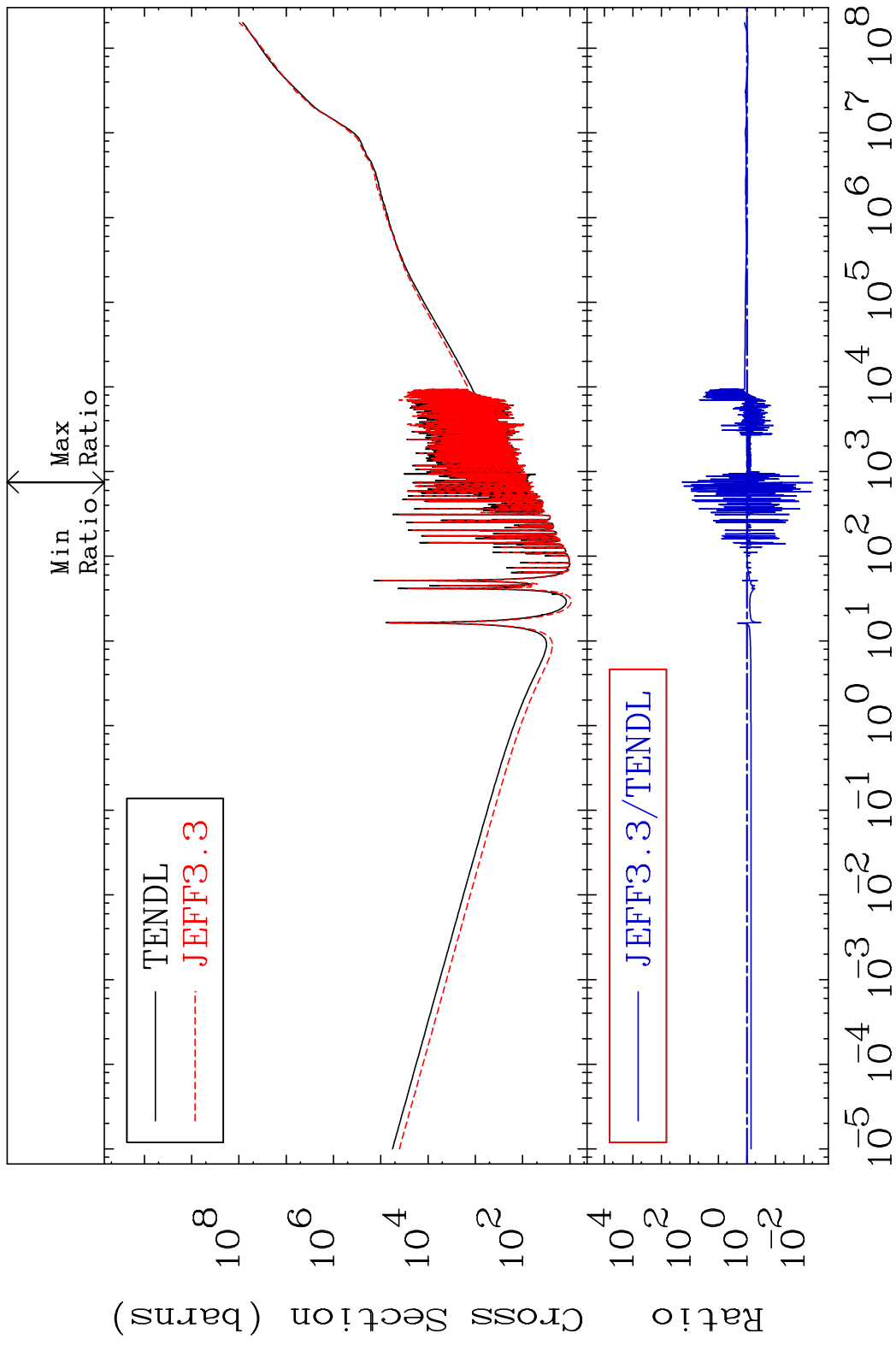


75

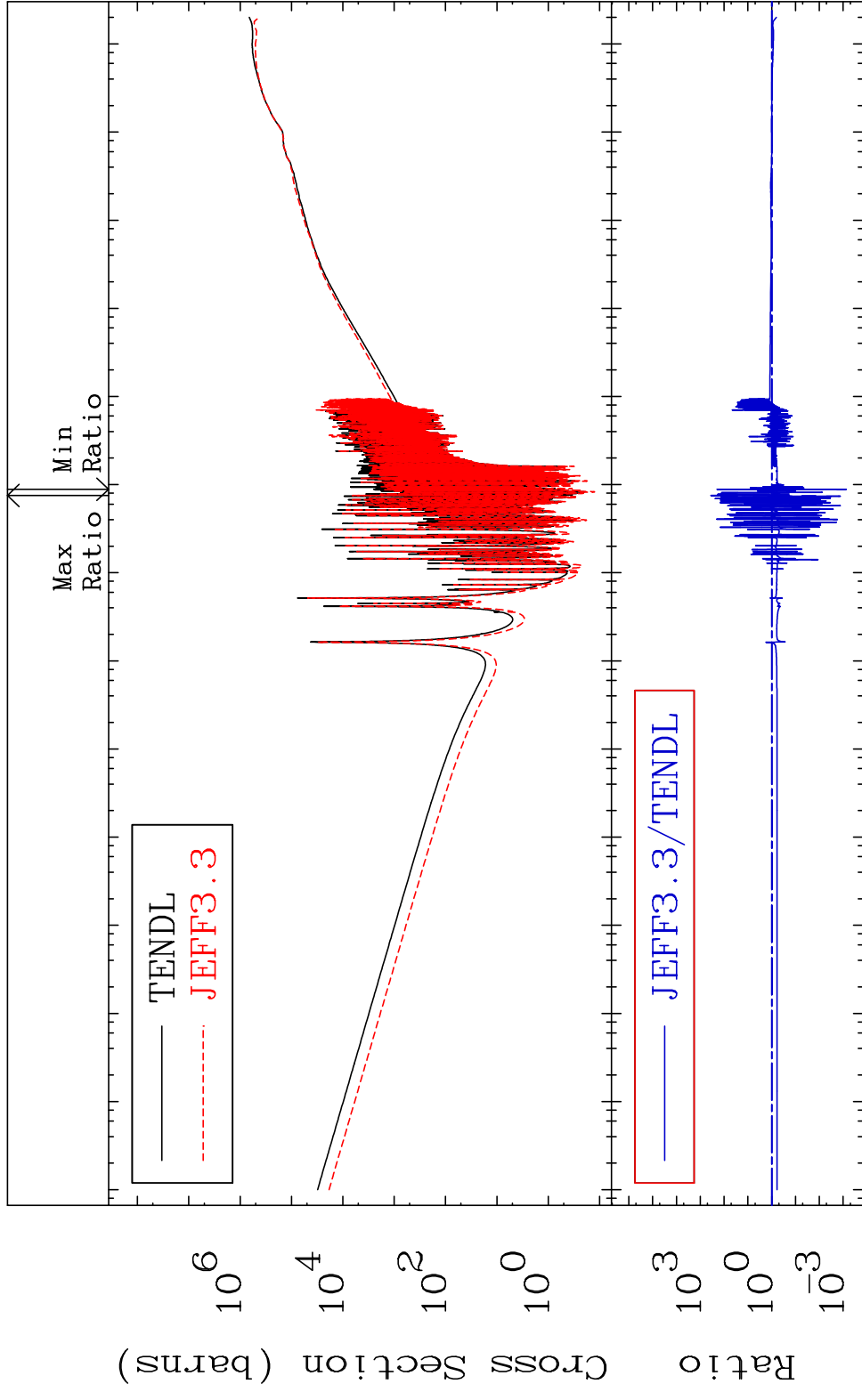
Incident Energy (eV)

47-Ag-107

MAT 4725 Total kinematic kerma (high limit) 47-Ag-107
 Cross Section -99.51 To 9999. %



MAT 4725 Dpa total (eV-barns) 47-Ag-107
 Cross Section -99.93 To 9999. %

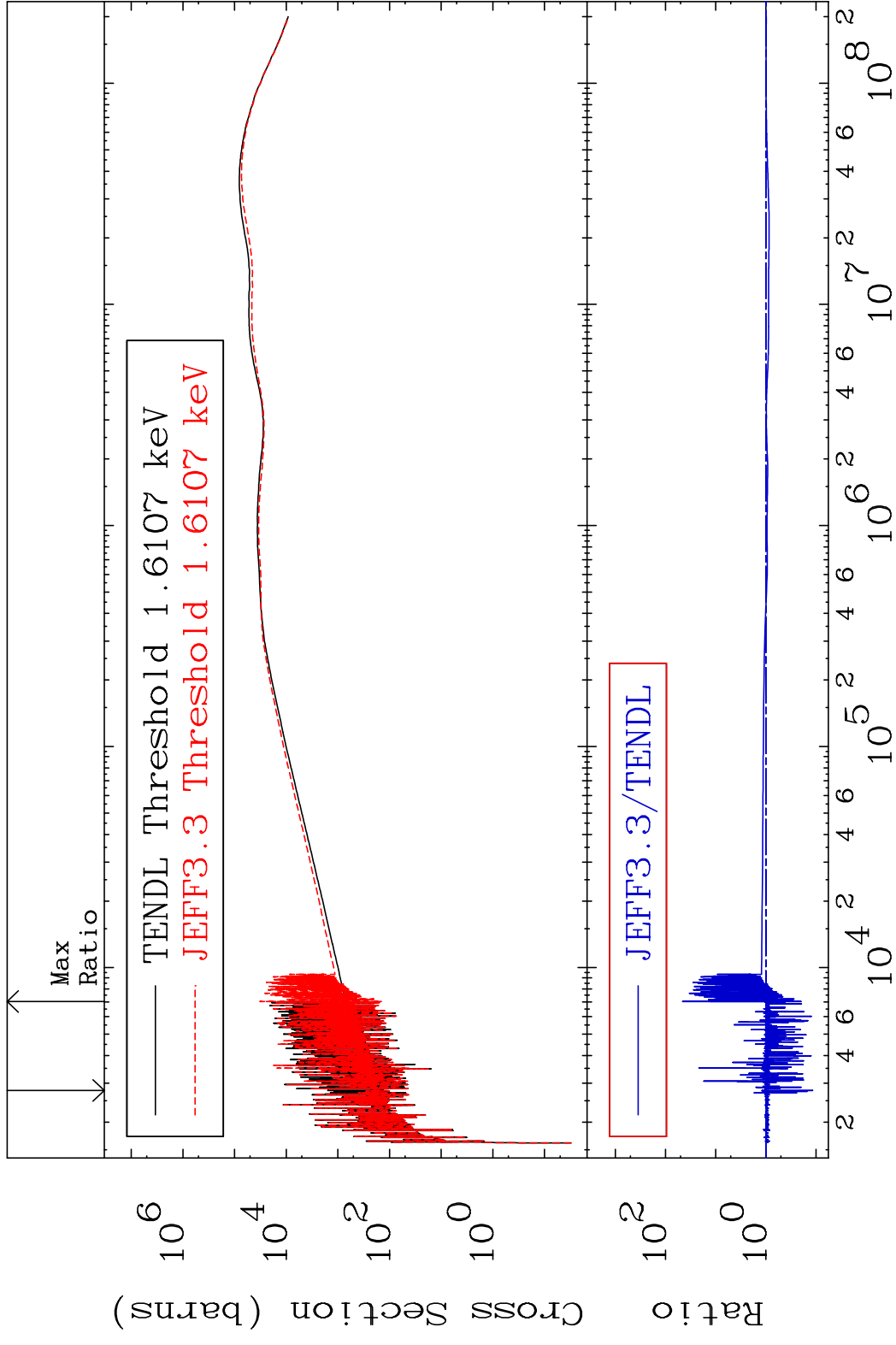


MAT 4725

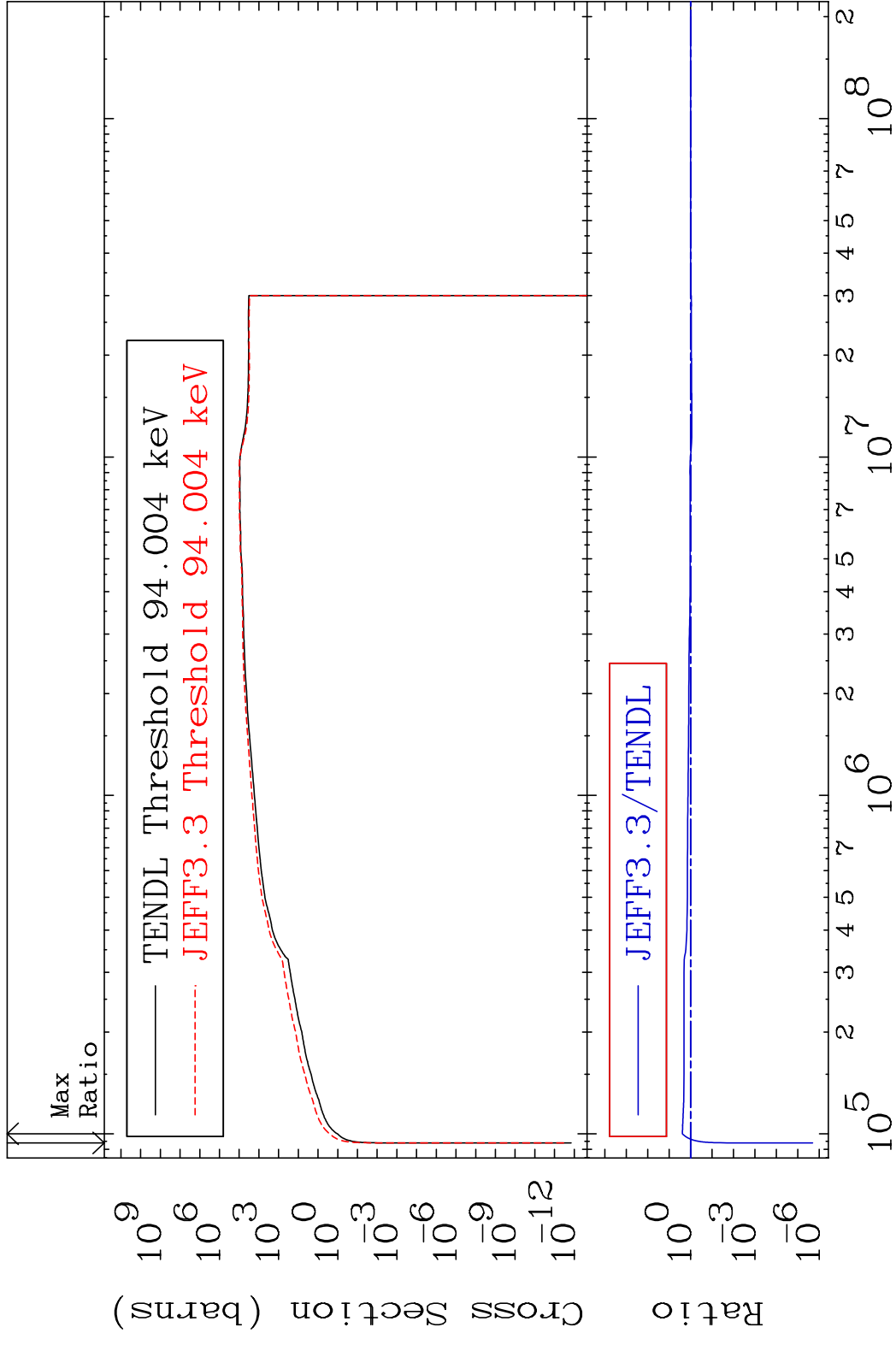
Dpa elastic (mt2)

47-Ag-107

Cross Section -88.32 To 4521. %

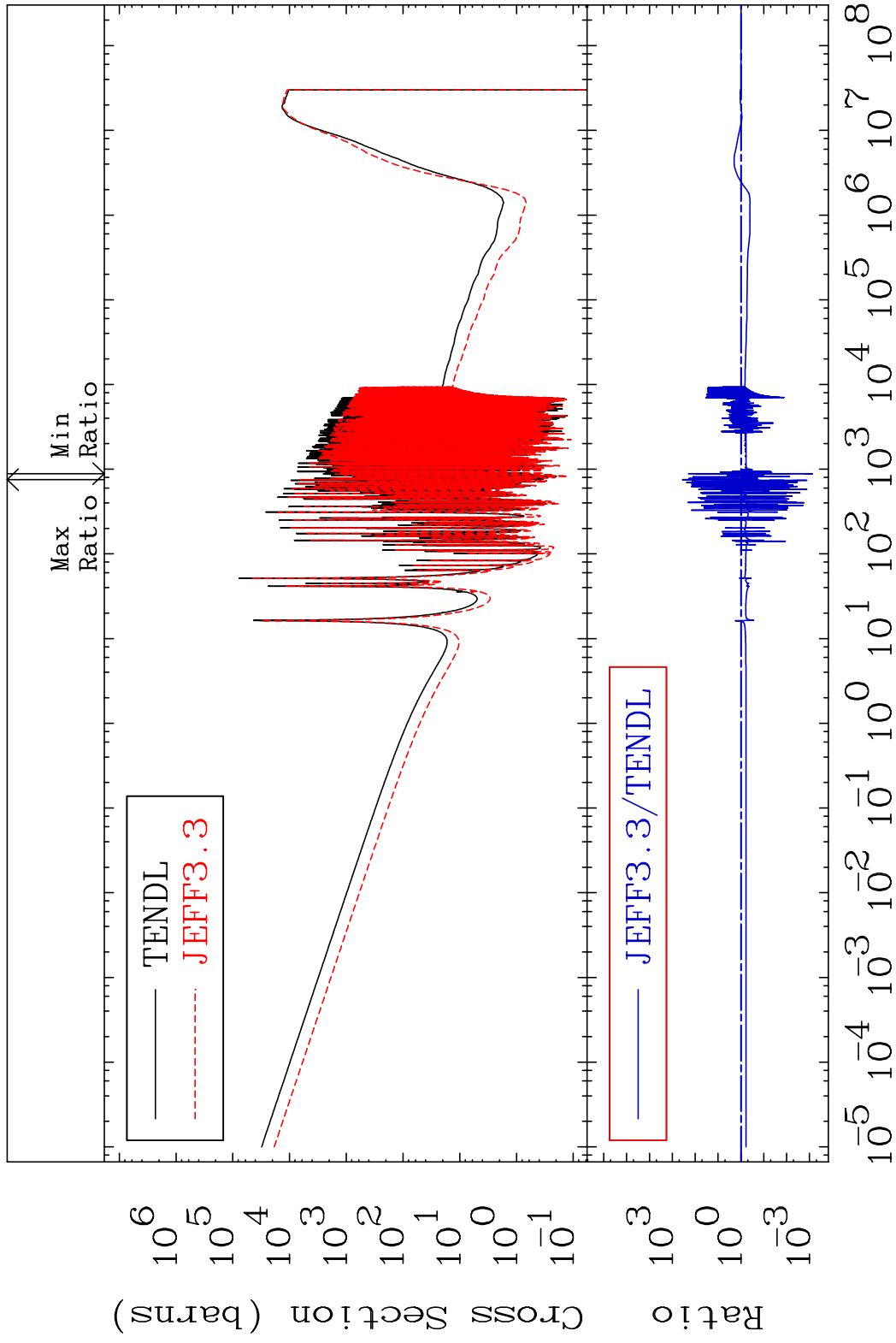


MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107
 Cross Section -100.0 To 142.4 %

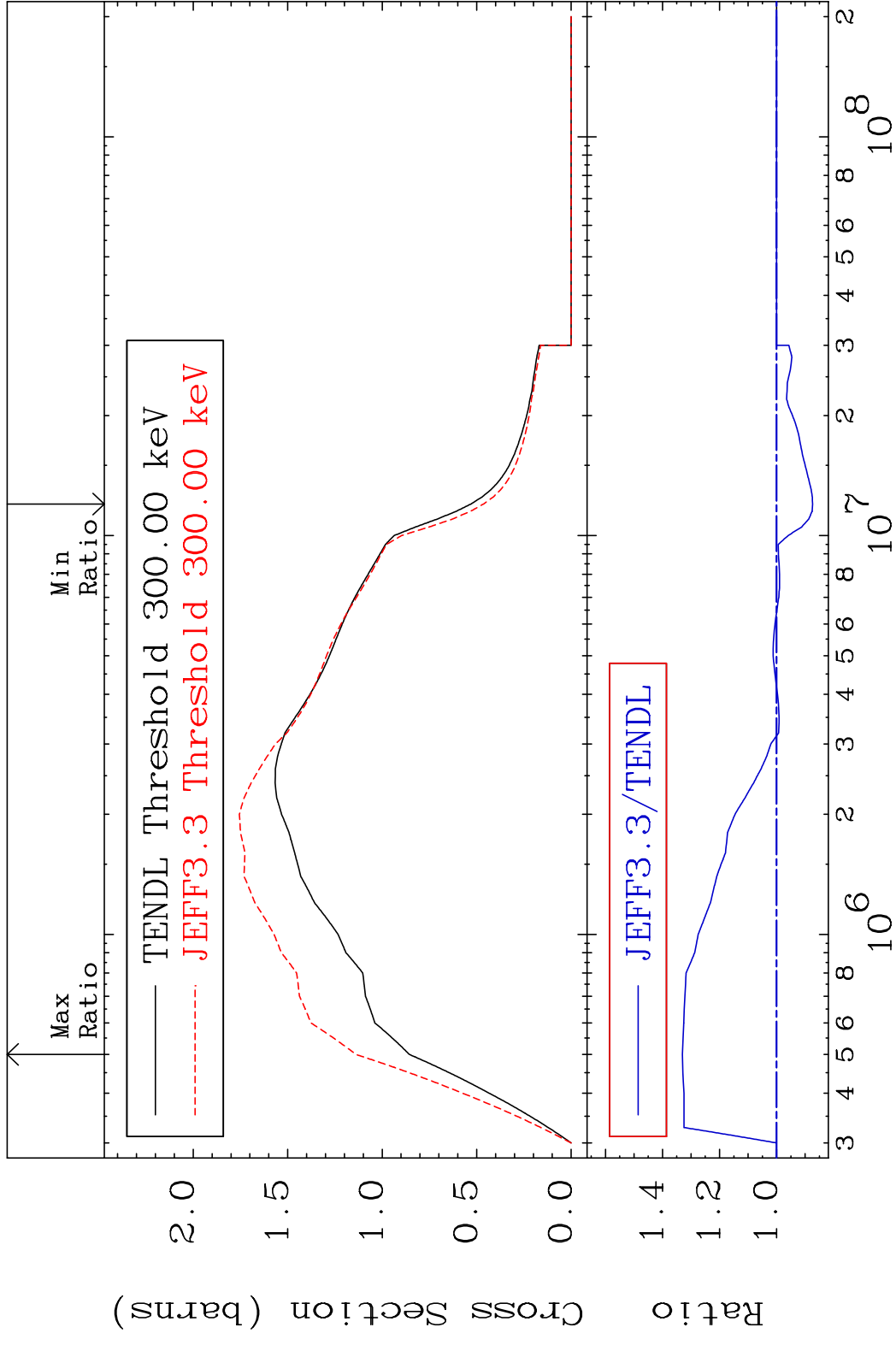


79 Incident Energy (eV) 47-Ag-107

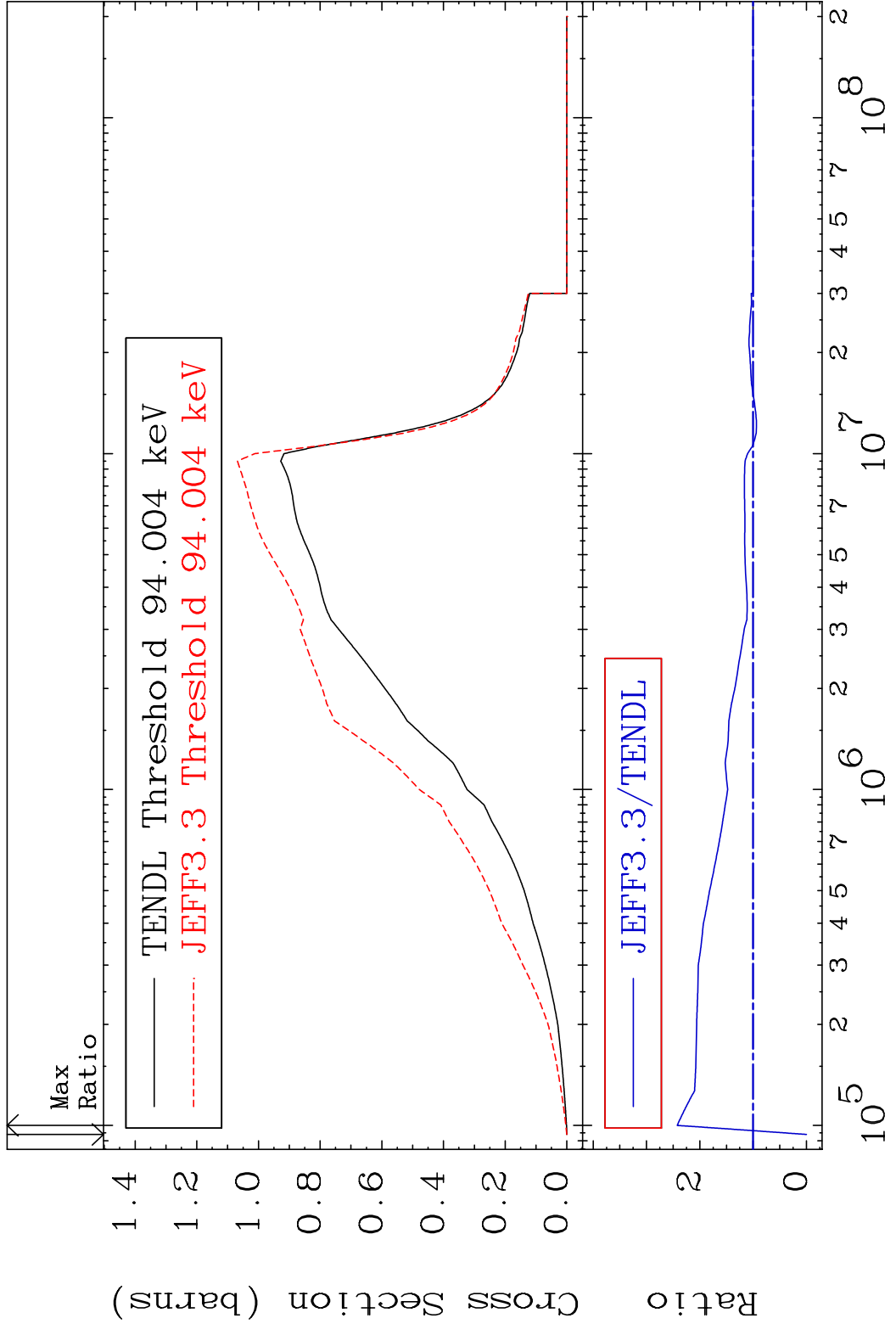
MAT 4725 Dpa disappearance (mt102 -120) 47-Ag-107
 Cross Section -99.93 To 9999. %



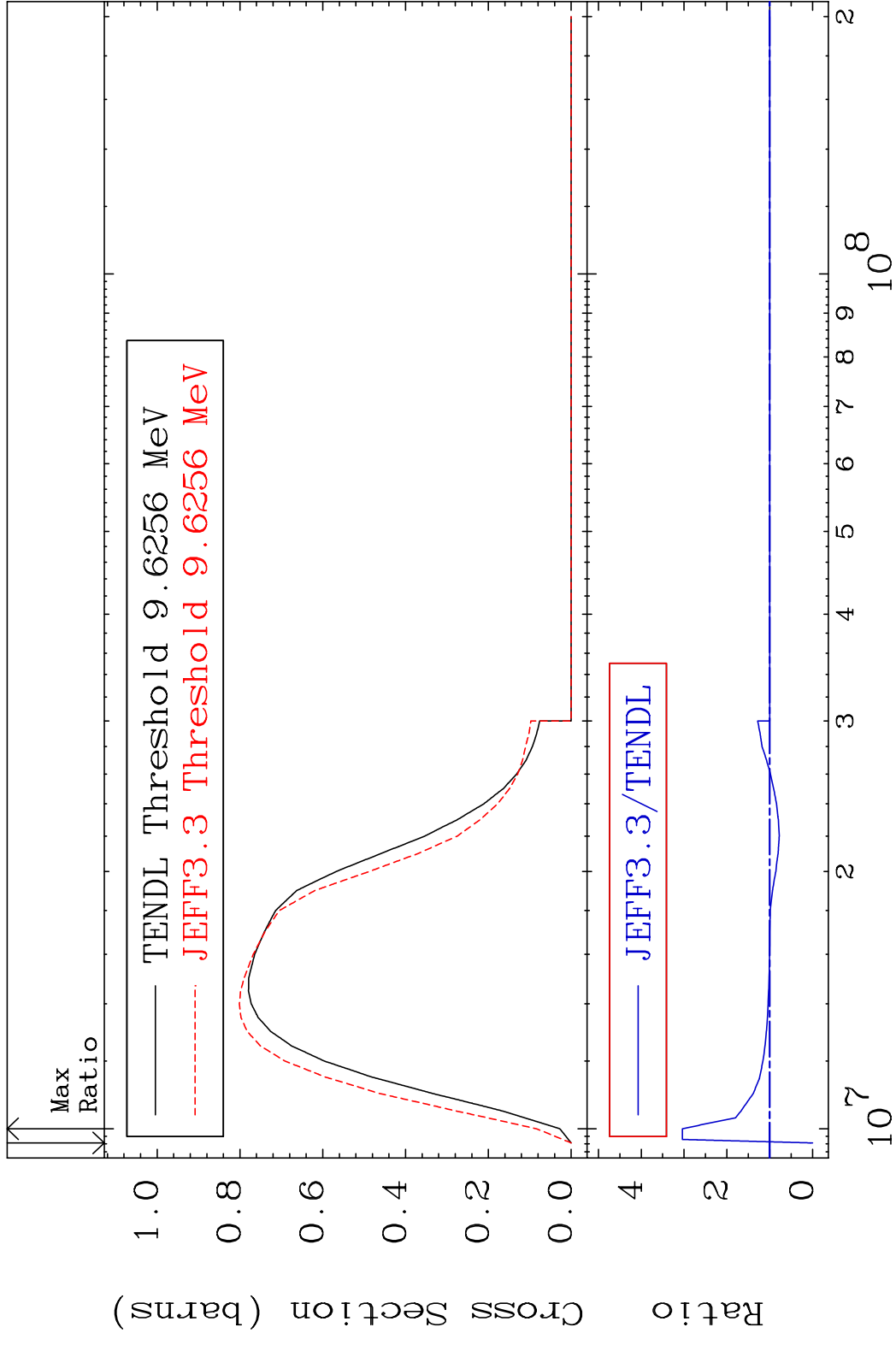
80 Incident Energy (eV) 47-Ag-107



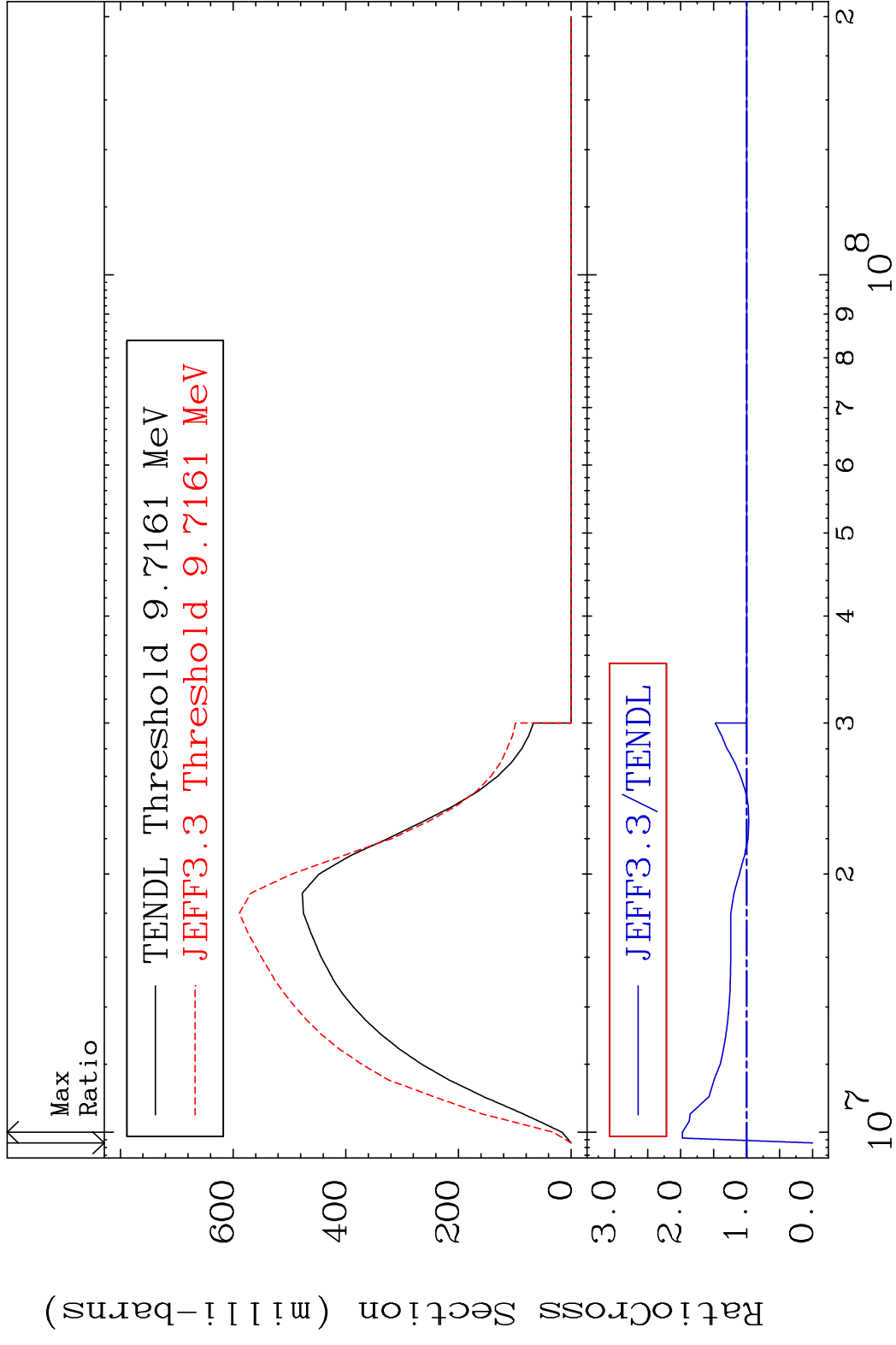
MAT 4725 Inelastic:47-Ag-107m1 47-Ag-107
 Radionuclide Production Cross Section 180.01 dno 142.4 %



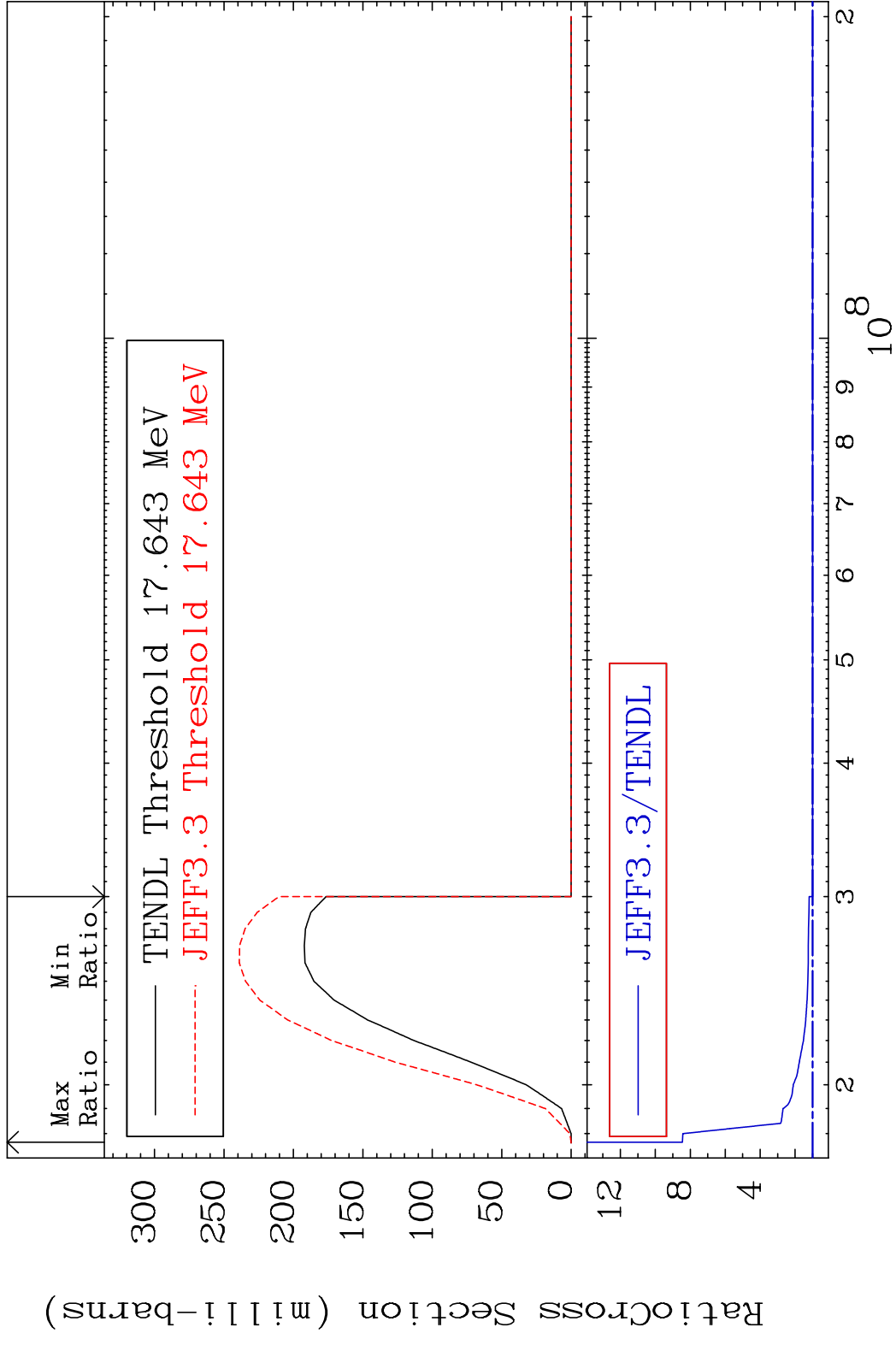
MAT 4725 (n,2n):47-Ag-106g 47-Ag-107
 Radionuclide Production Cross Section Ratio 204.0 %

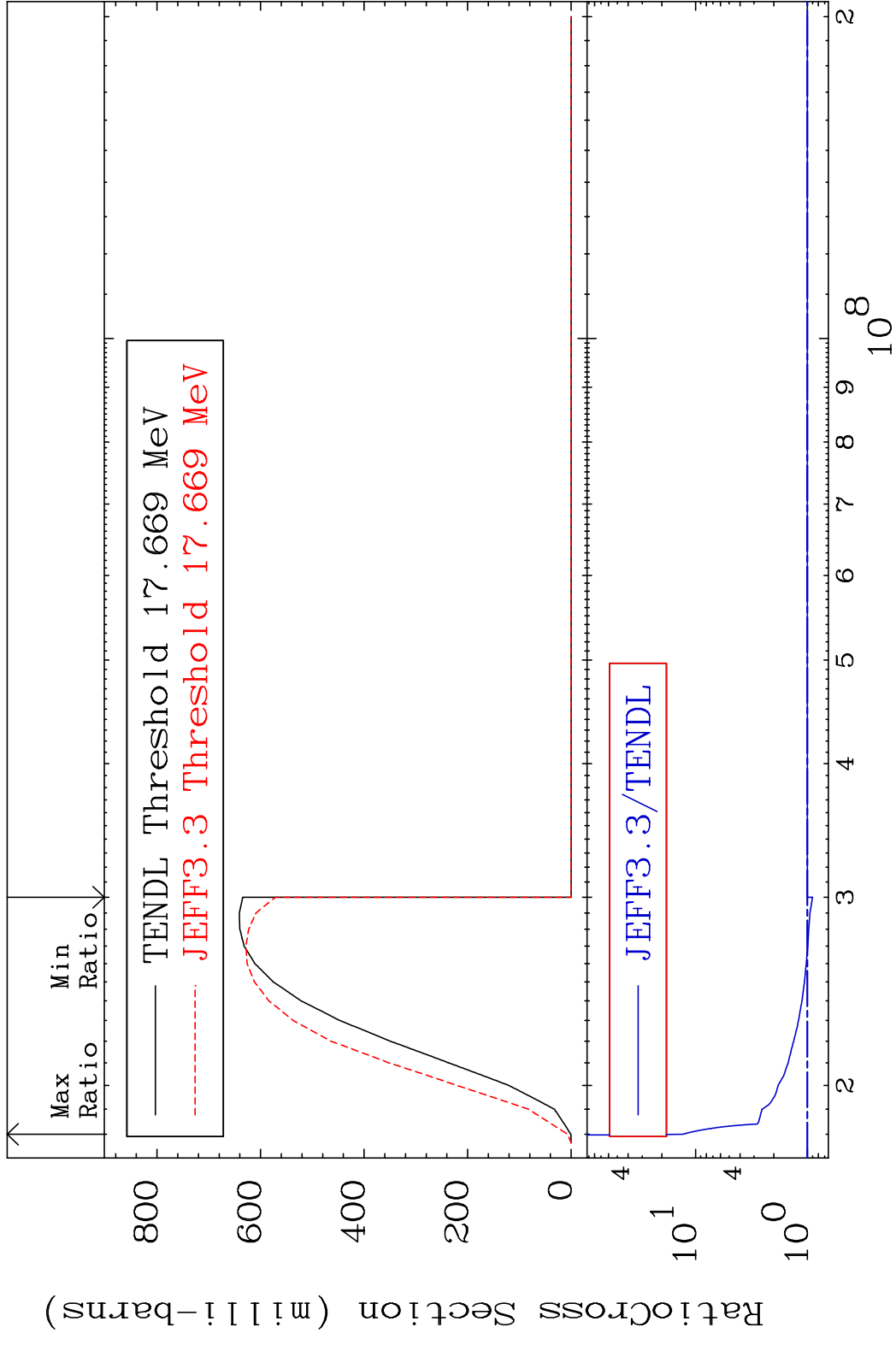


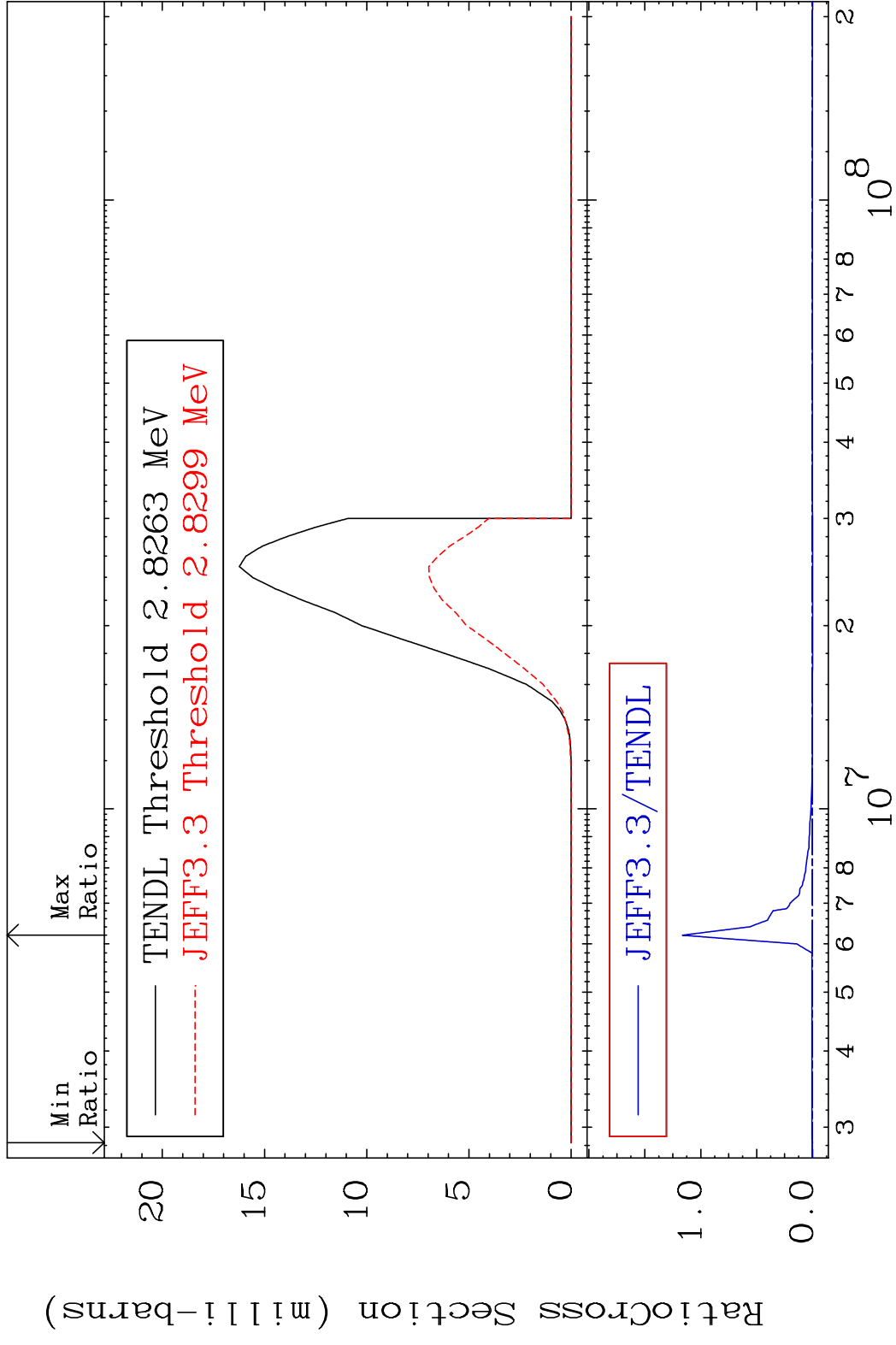
MAT 4725 (n,2n):47-Ag-106m1 47-Ag-107
 Radionuclide Production Cross Section Ratio 97.40 %

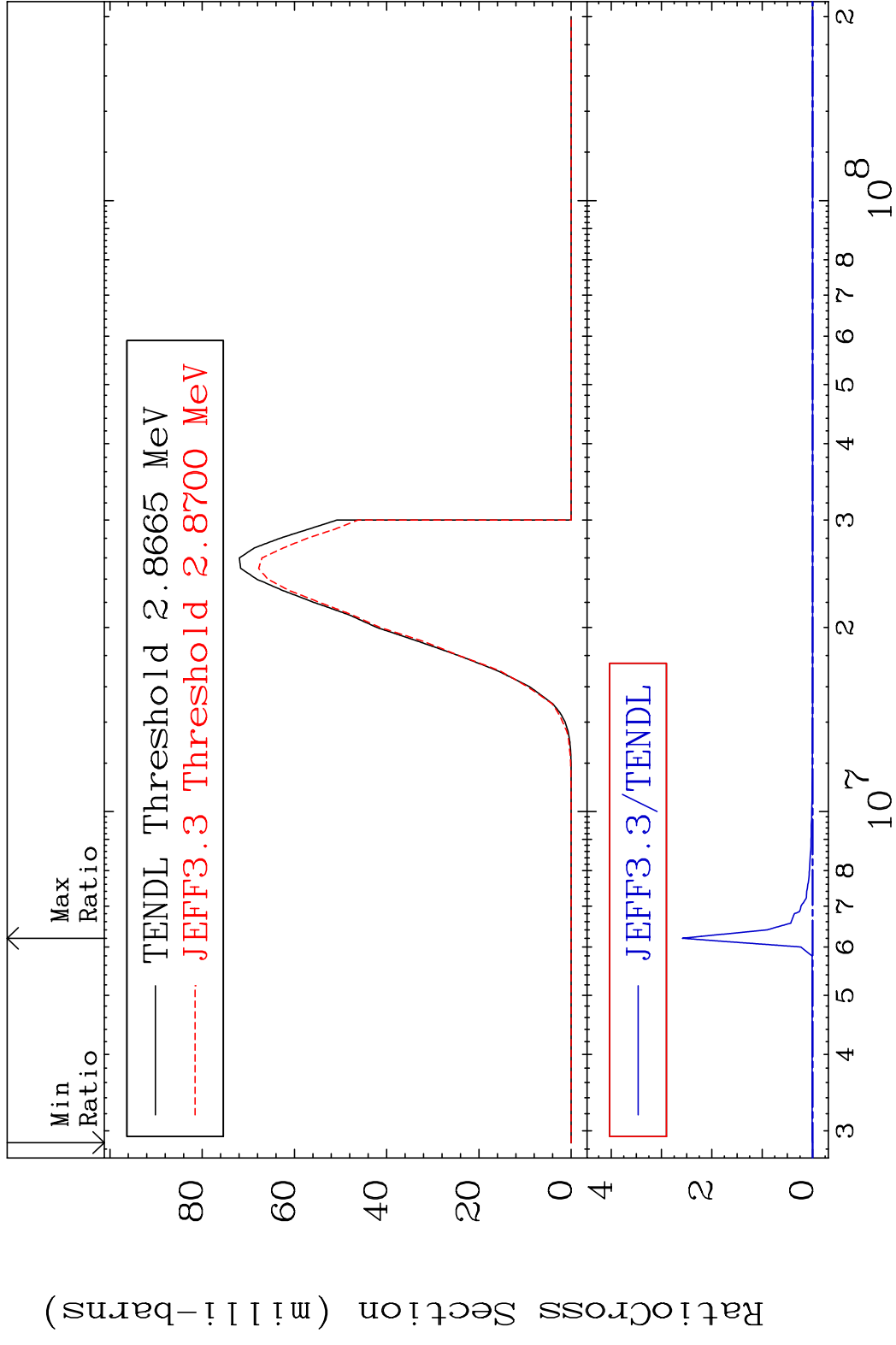


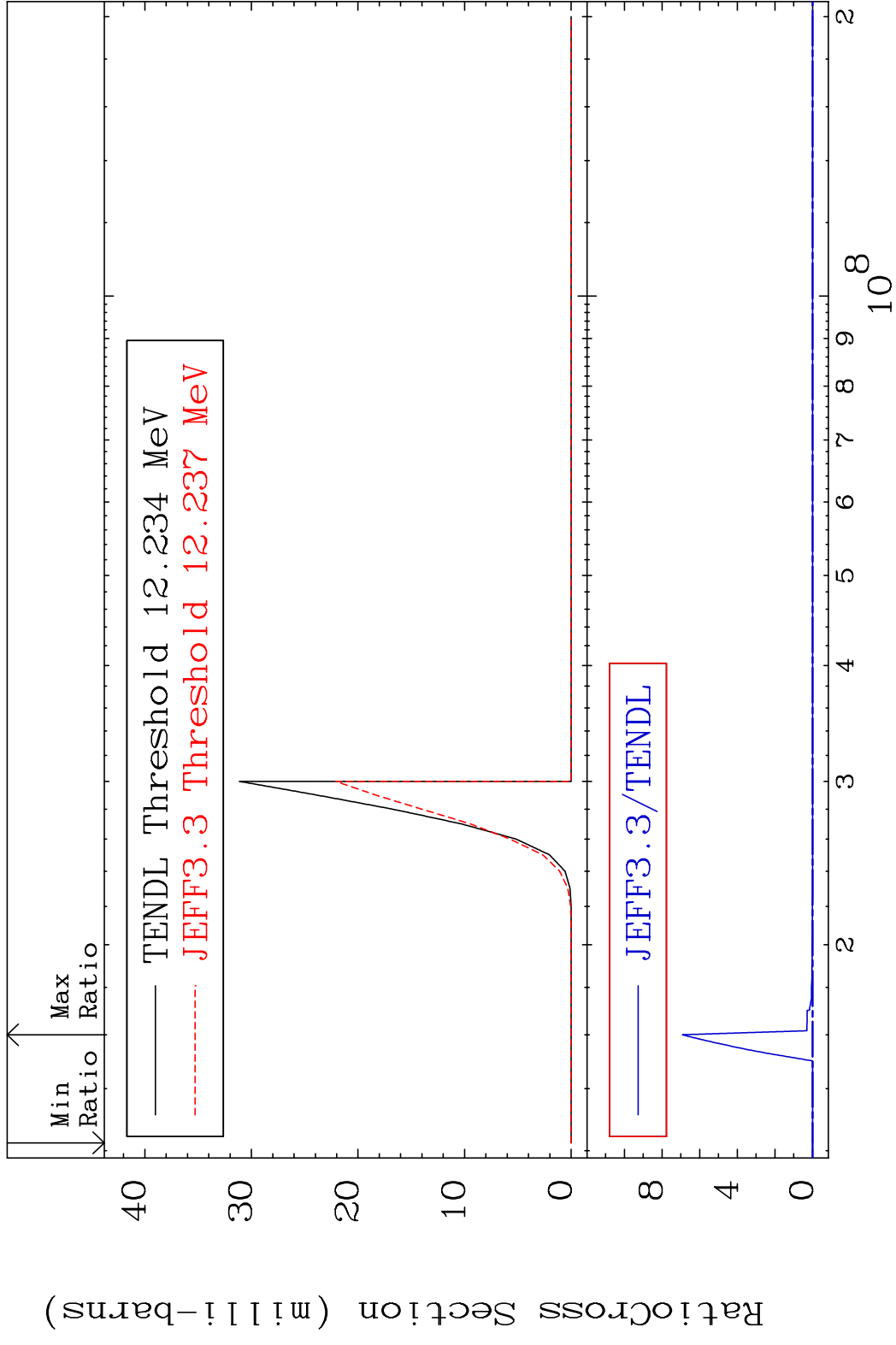
MAT 4725 (n,3n):47-Ag-105g 47-Ag-107
 Radionuclide Production Cross Section 745.2 %

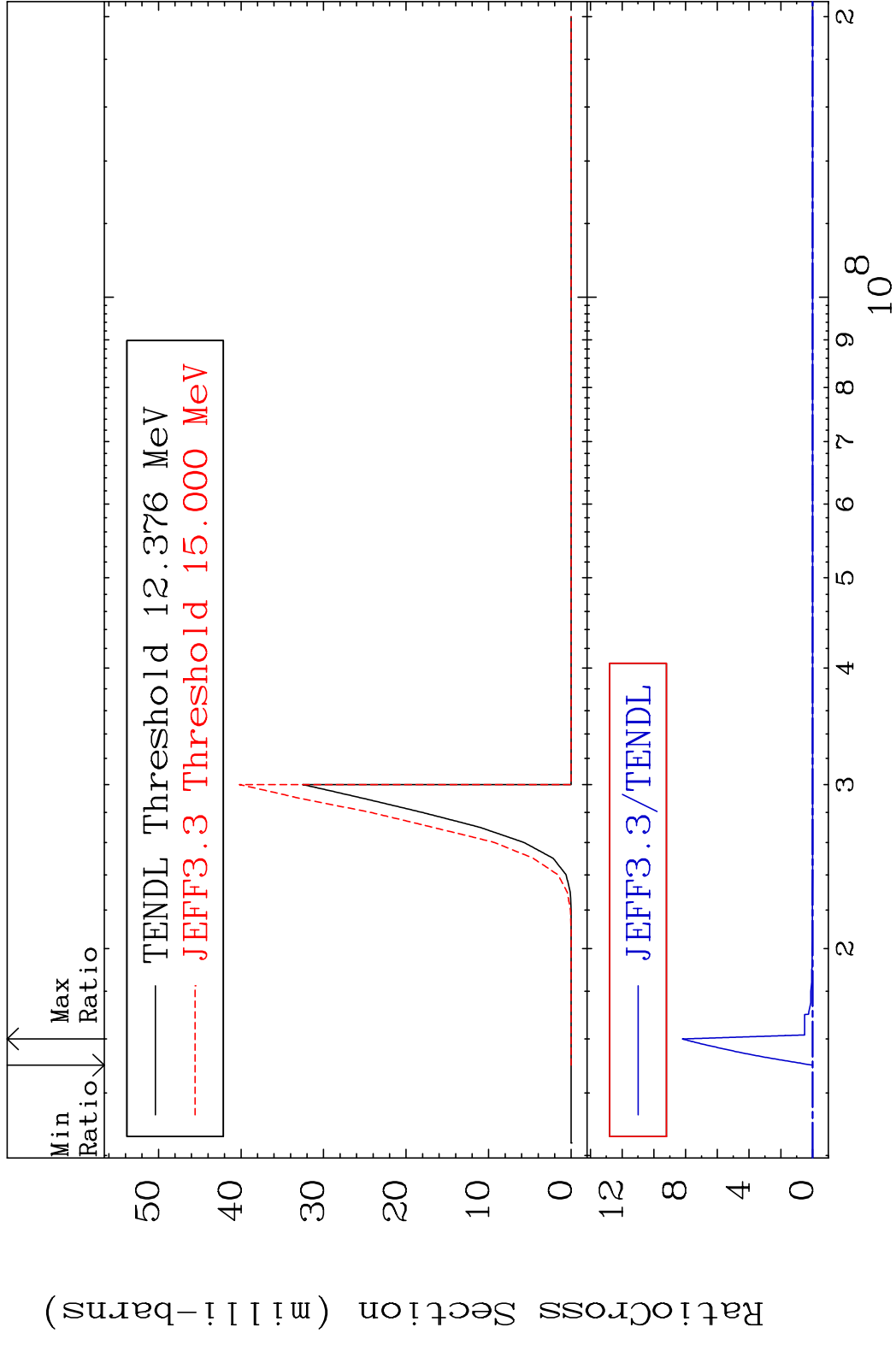


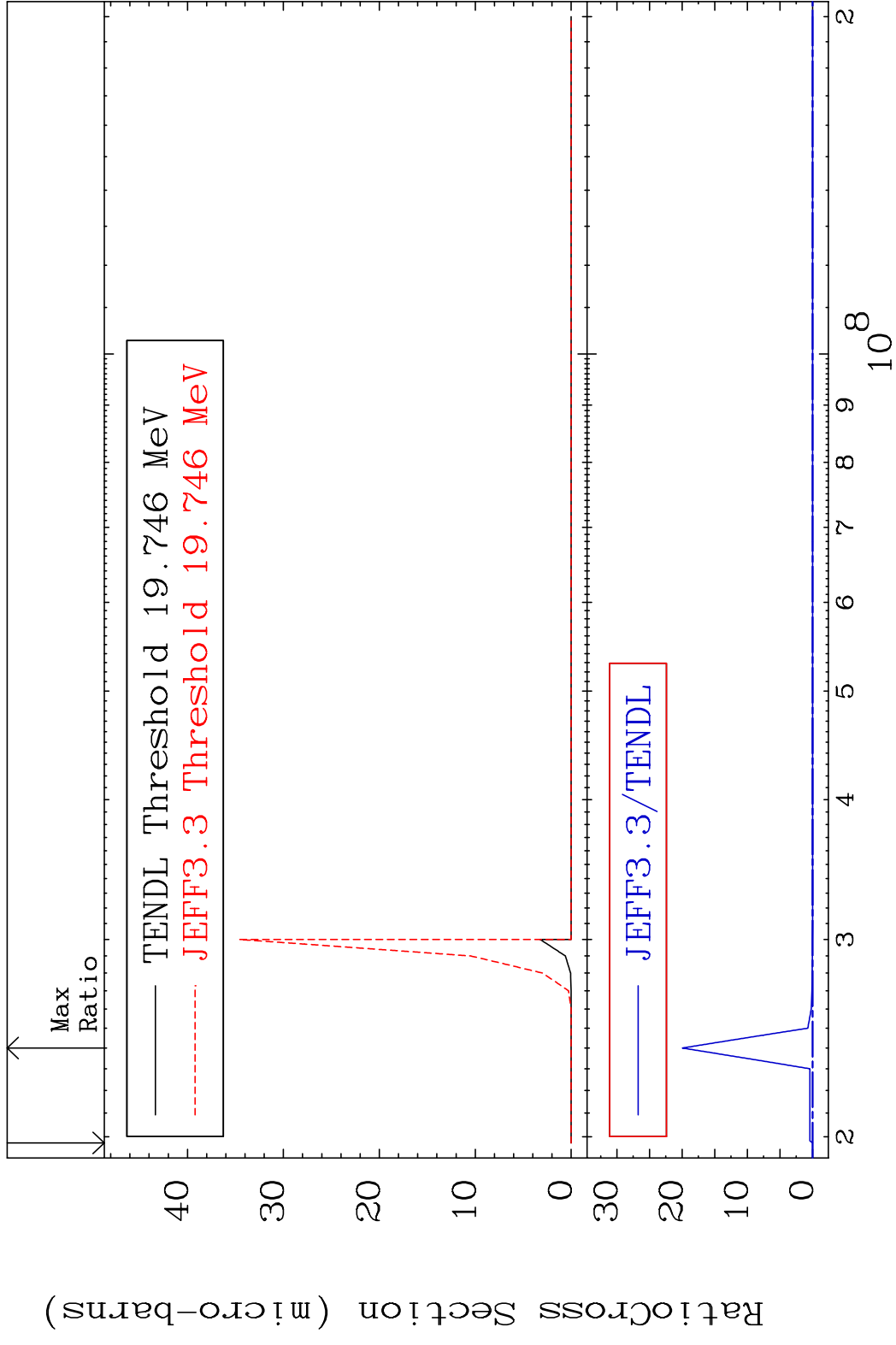




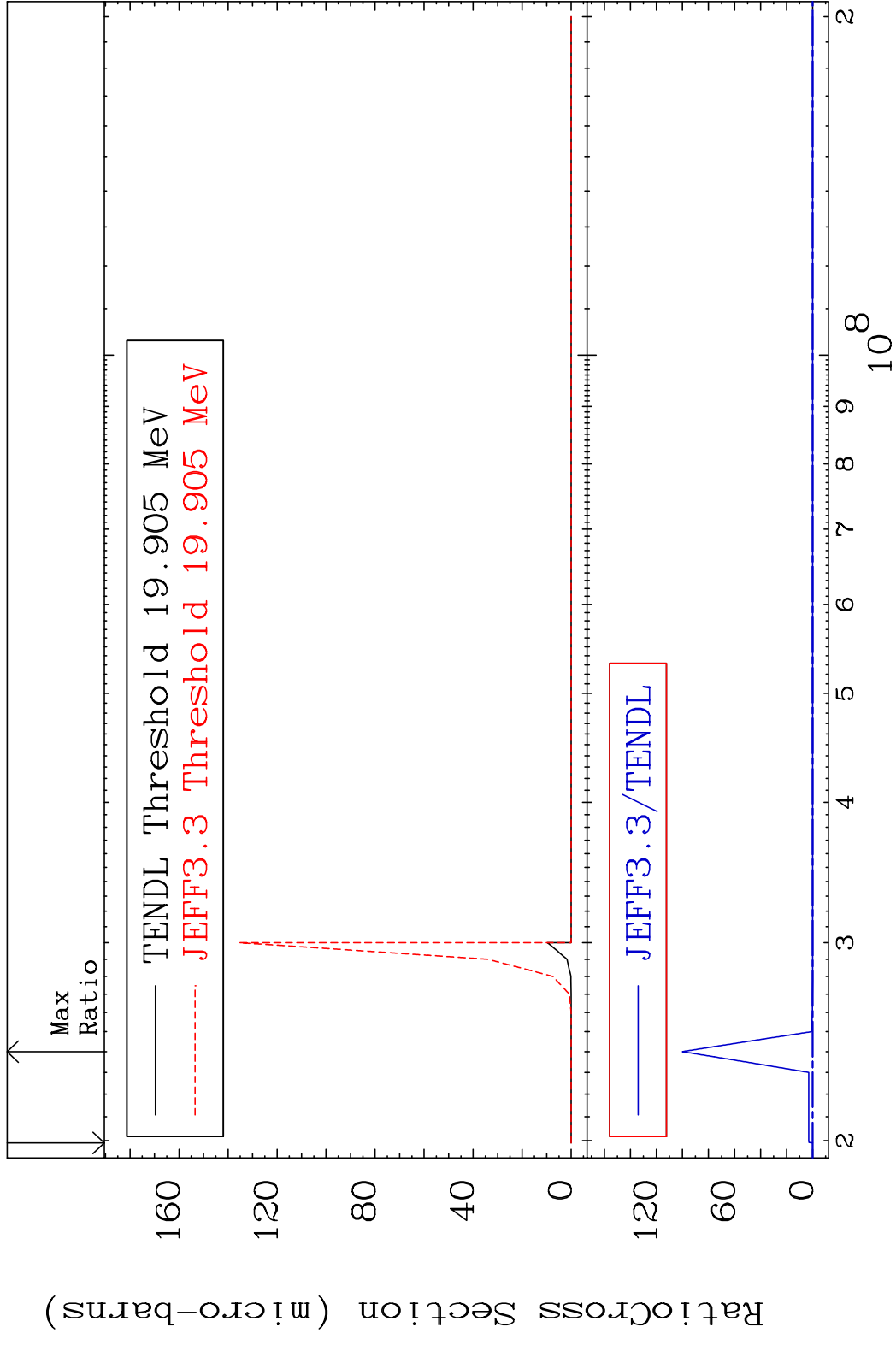


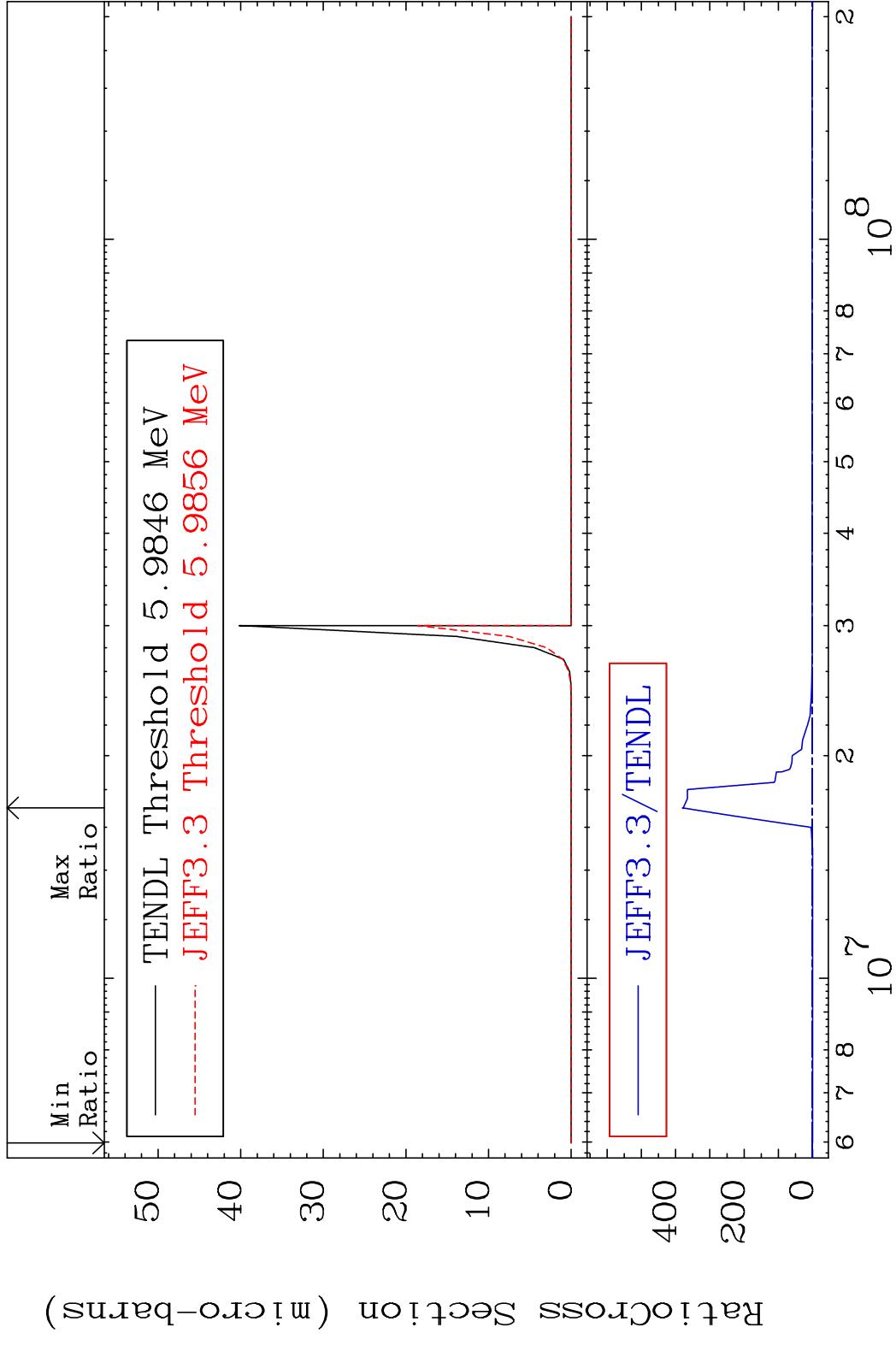


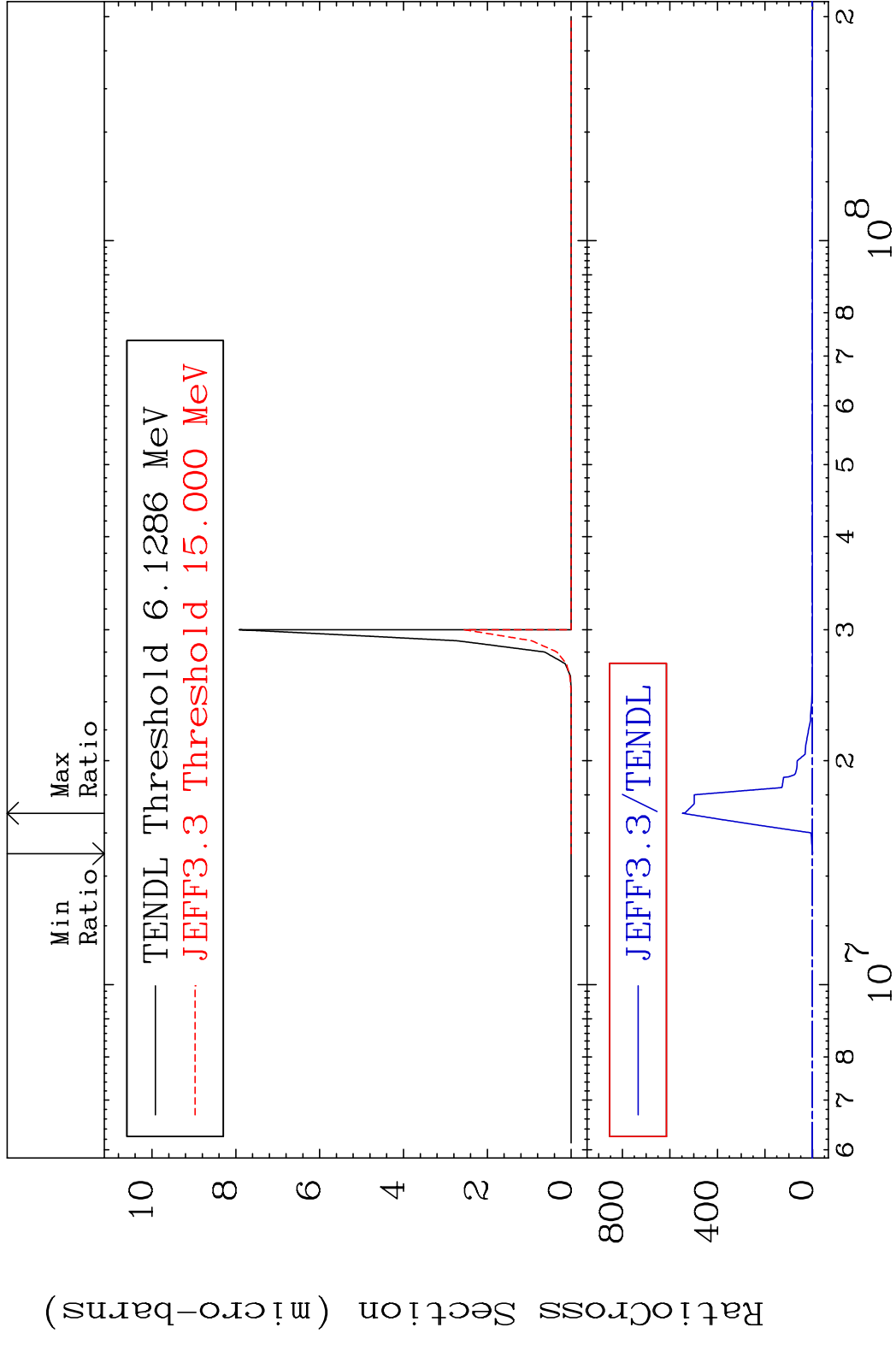


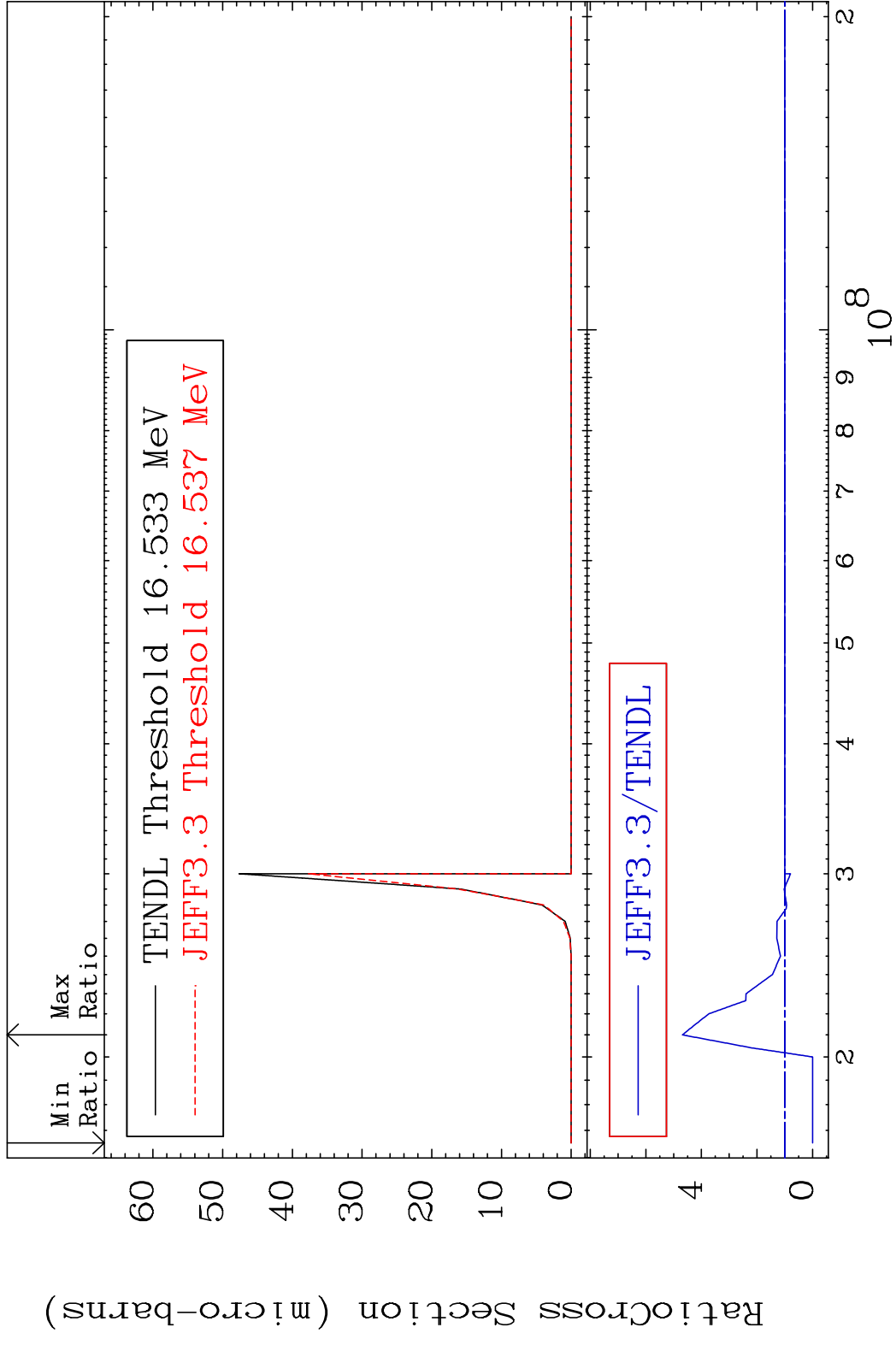


MAT 4725 (n,3n) α :45-Rh-101m1 47-Ag-107
 Radionuclide Production Cross Section 100% 9999. %

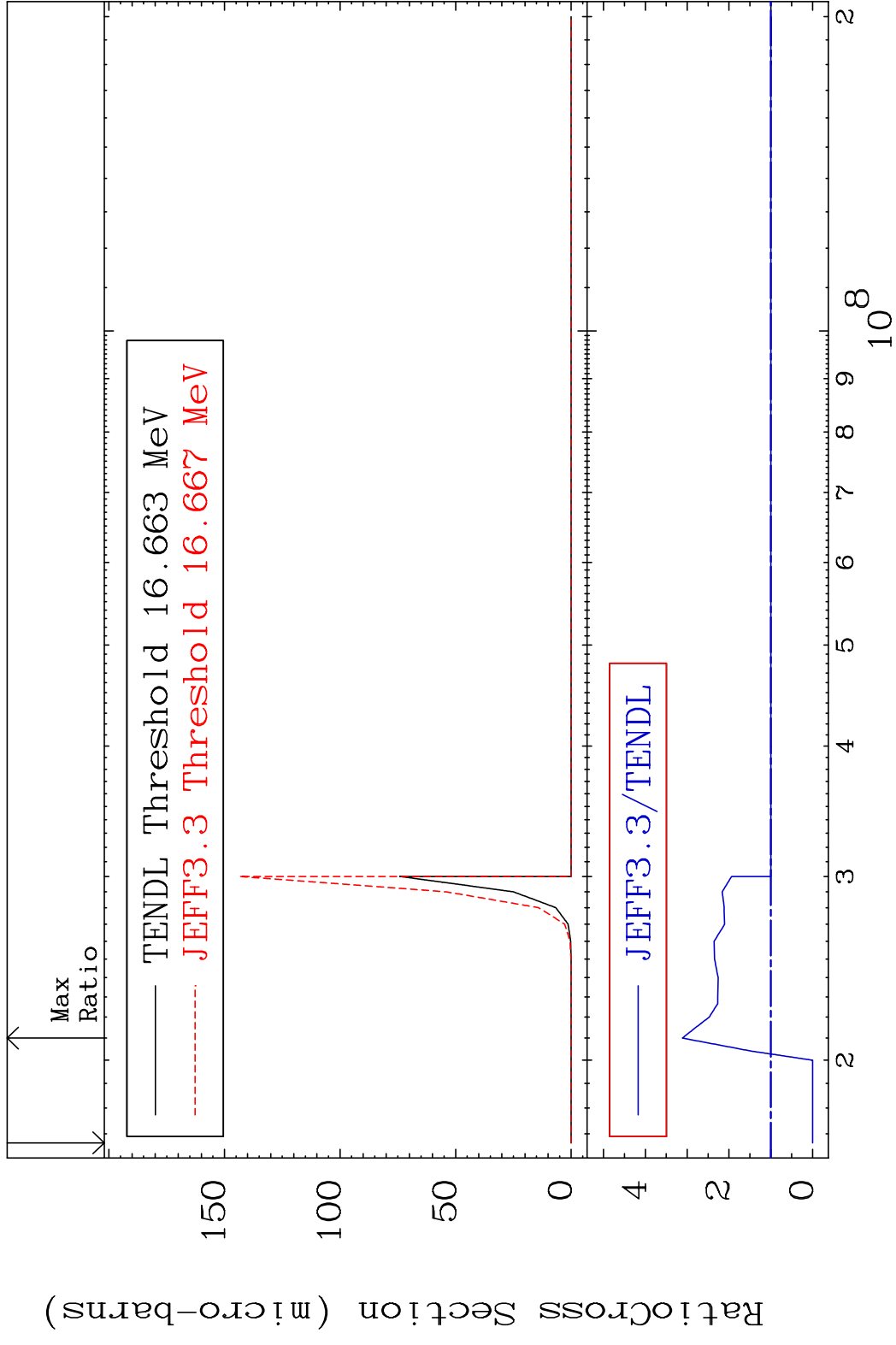




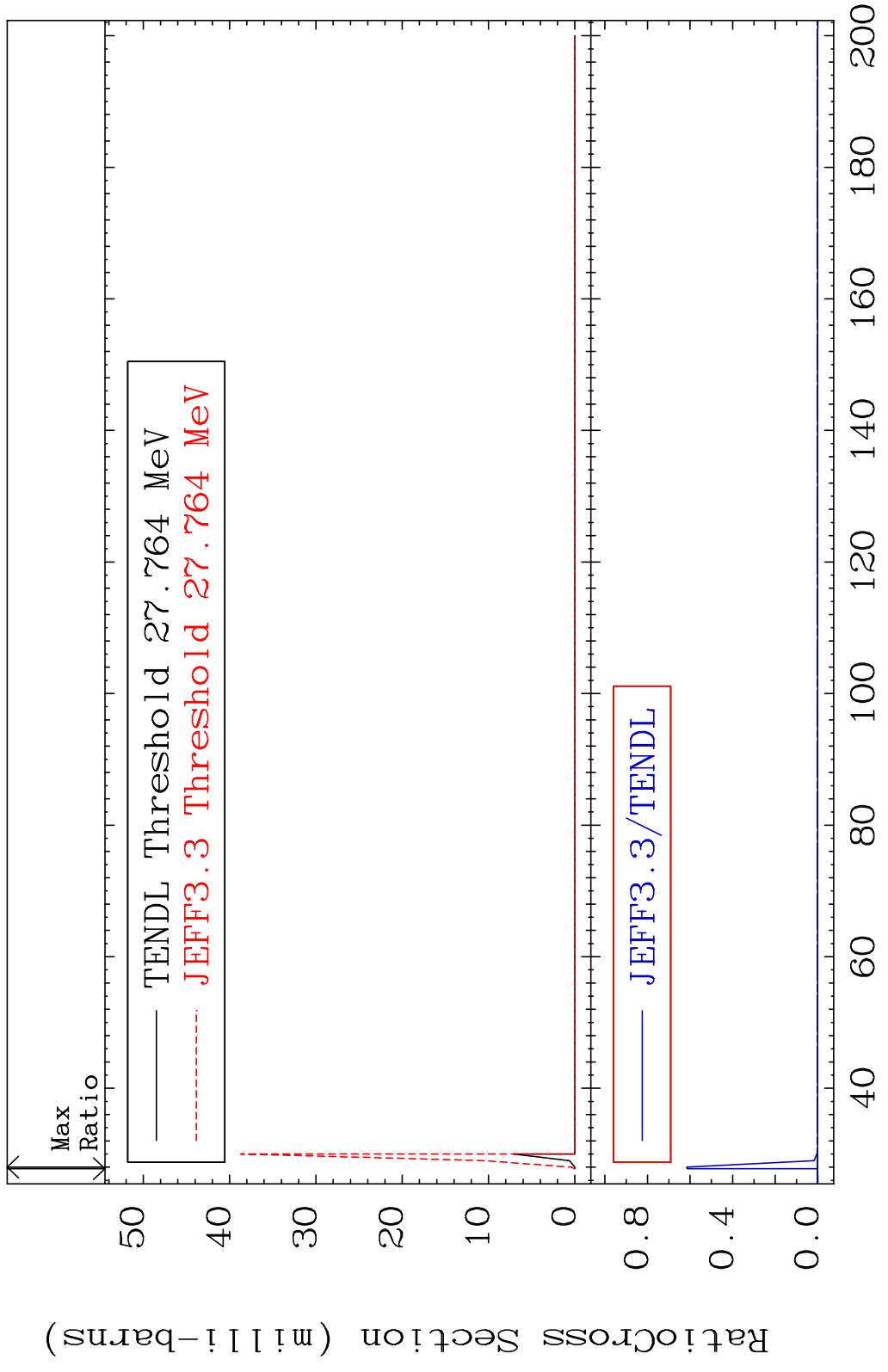


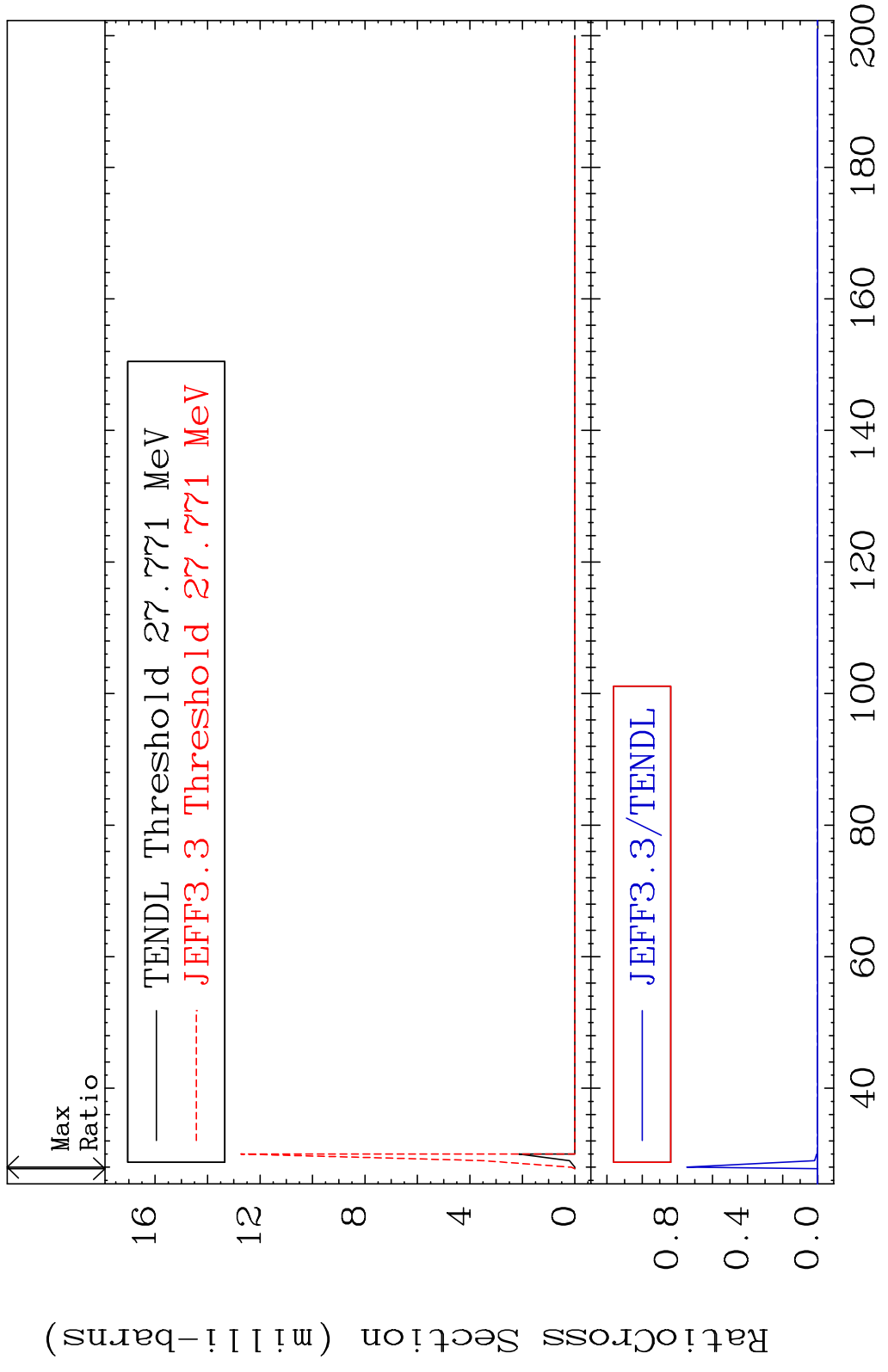


MAT 4725 (n, n') He-3:45-Rh-104m3 47-Ag-107
 Radionuclide Production Cross Section 180.01 dth 211.5 %

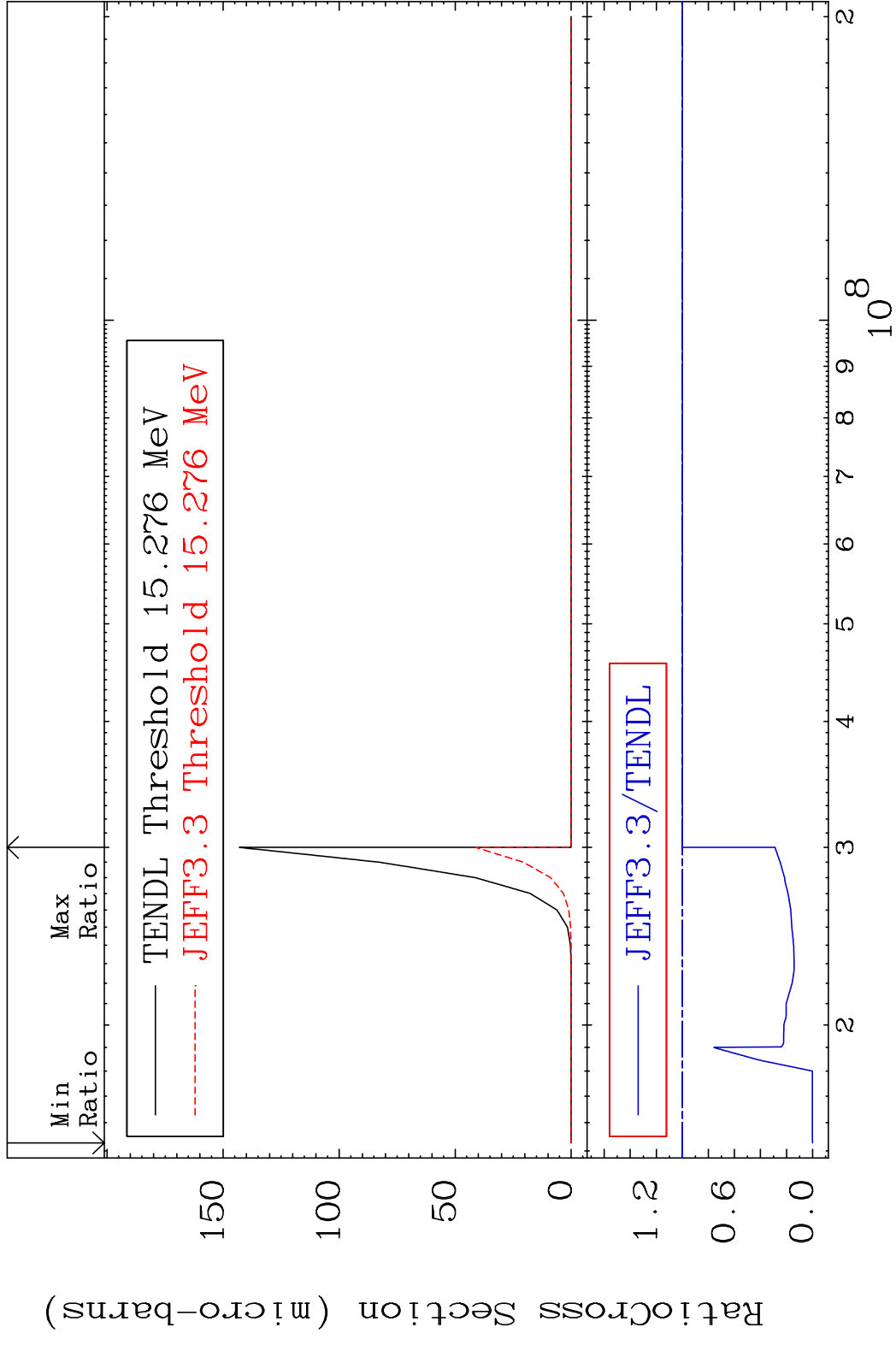


MAT 4725 (n,4n):47-Ag-104g 47-Ag-107
 Radionuclide Production Cross Section Ratio 9999. %

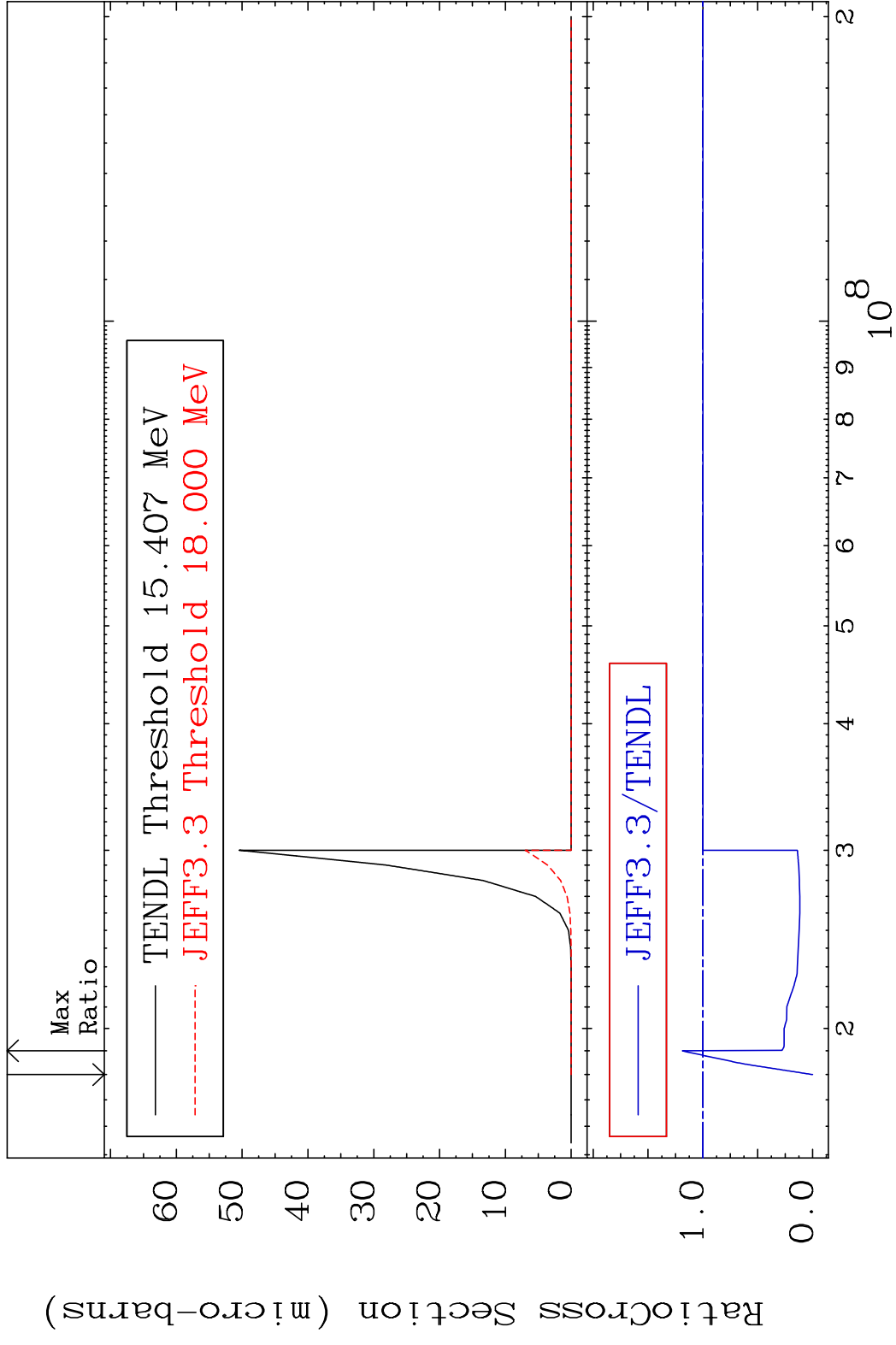




MAT 4725 (n,2n) p:45-Rh-105g 47-Ag-107
 Radionuclide Production Cross Section 180.01 dth 0.000 %

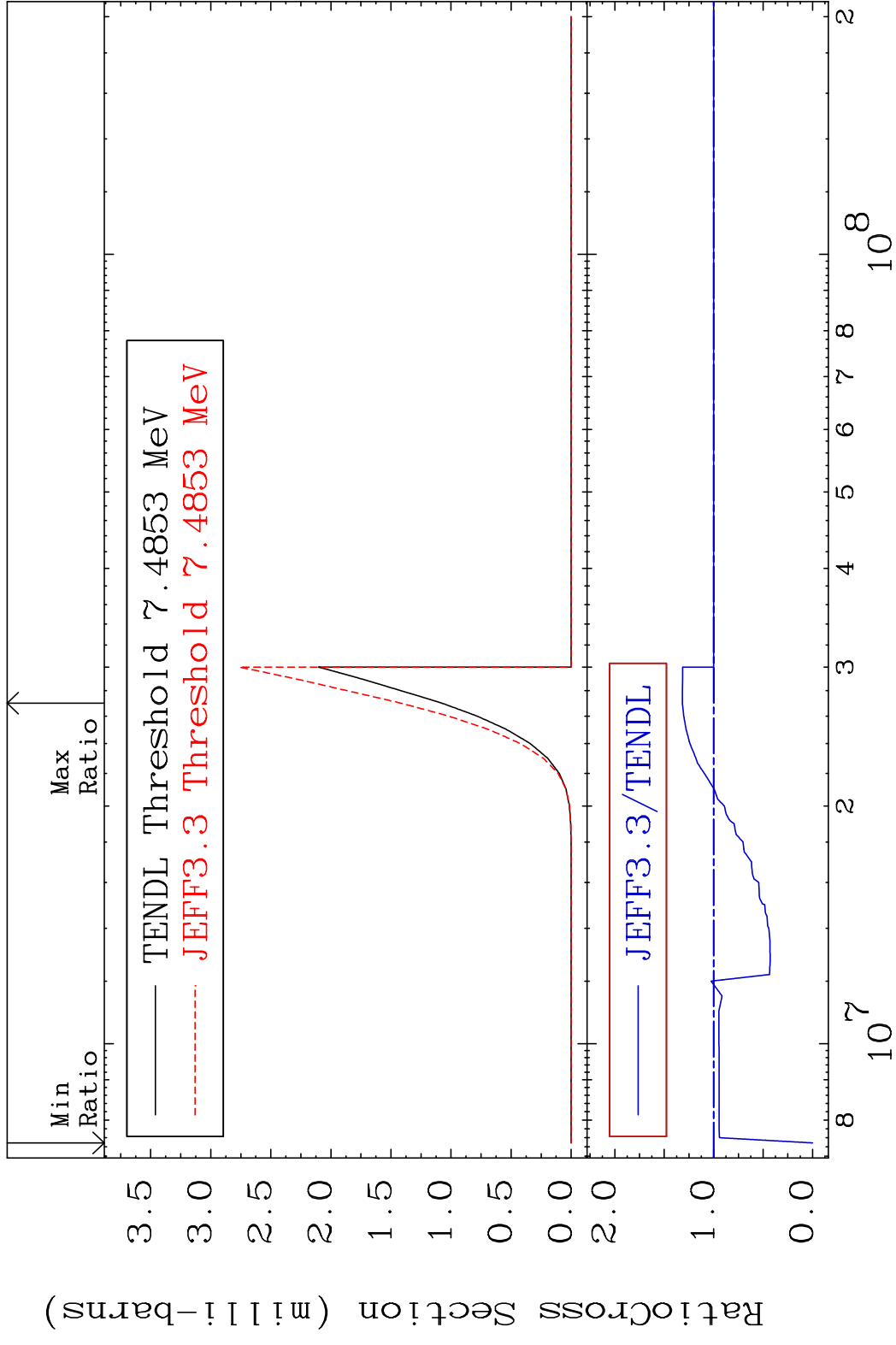


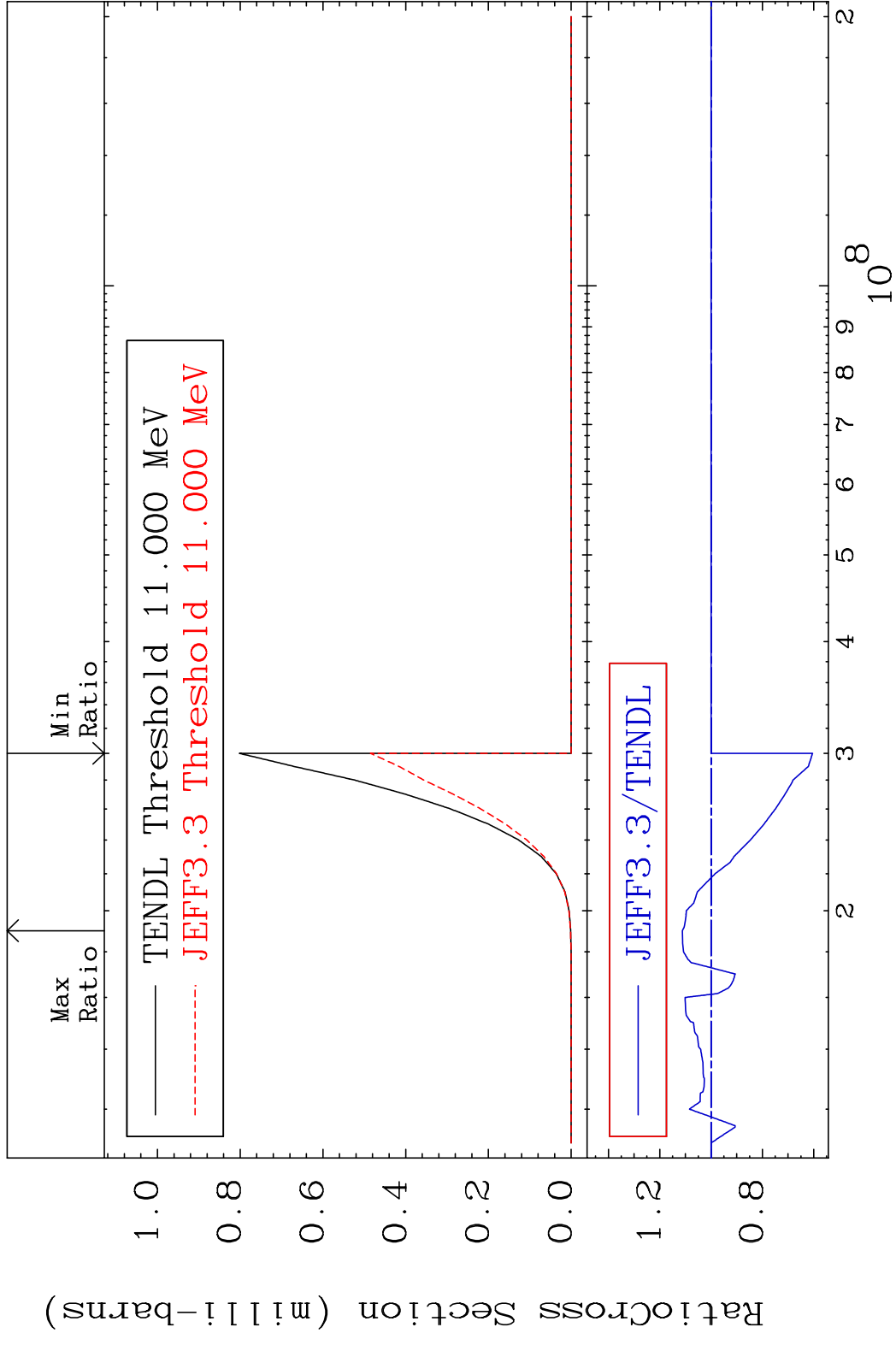
MAT 4725 (n,2n) p:45-Rh-105m1 47-Ag-107
 Radionuclide Production Cross Section 18.000 MeV
 Ratio 18.72 %



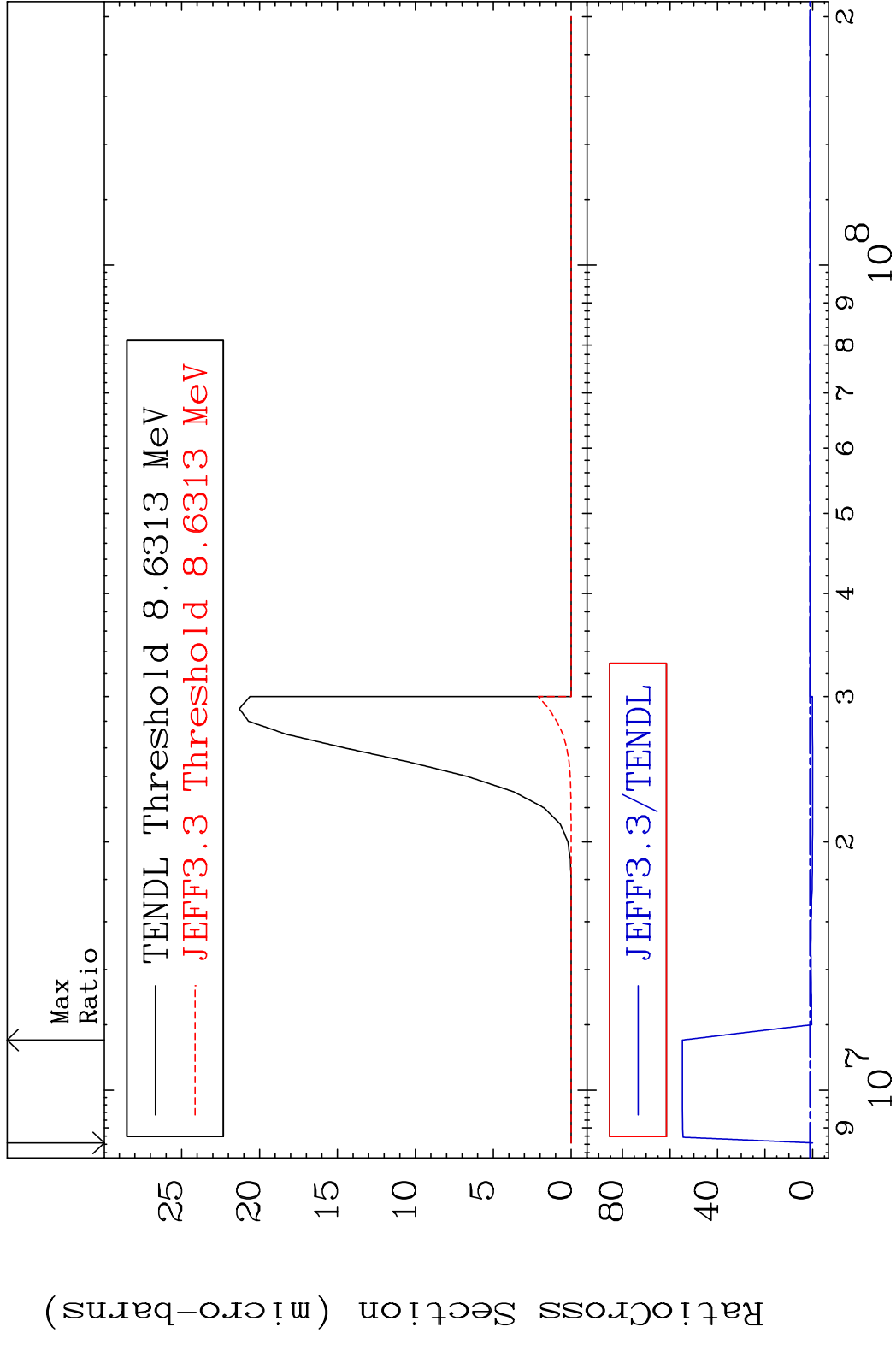
100 Incident Energy (eV) 47-Ag-107

MAT 4725 (n, He-3): 45-Rh-105g 47-Ag-107
 Radionuclide Production Cross Section Ratio 31.67 %

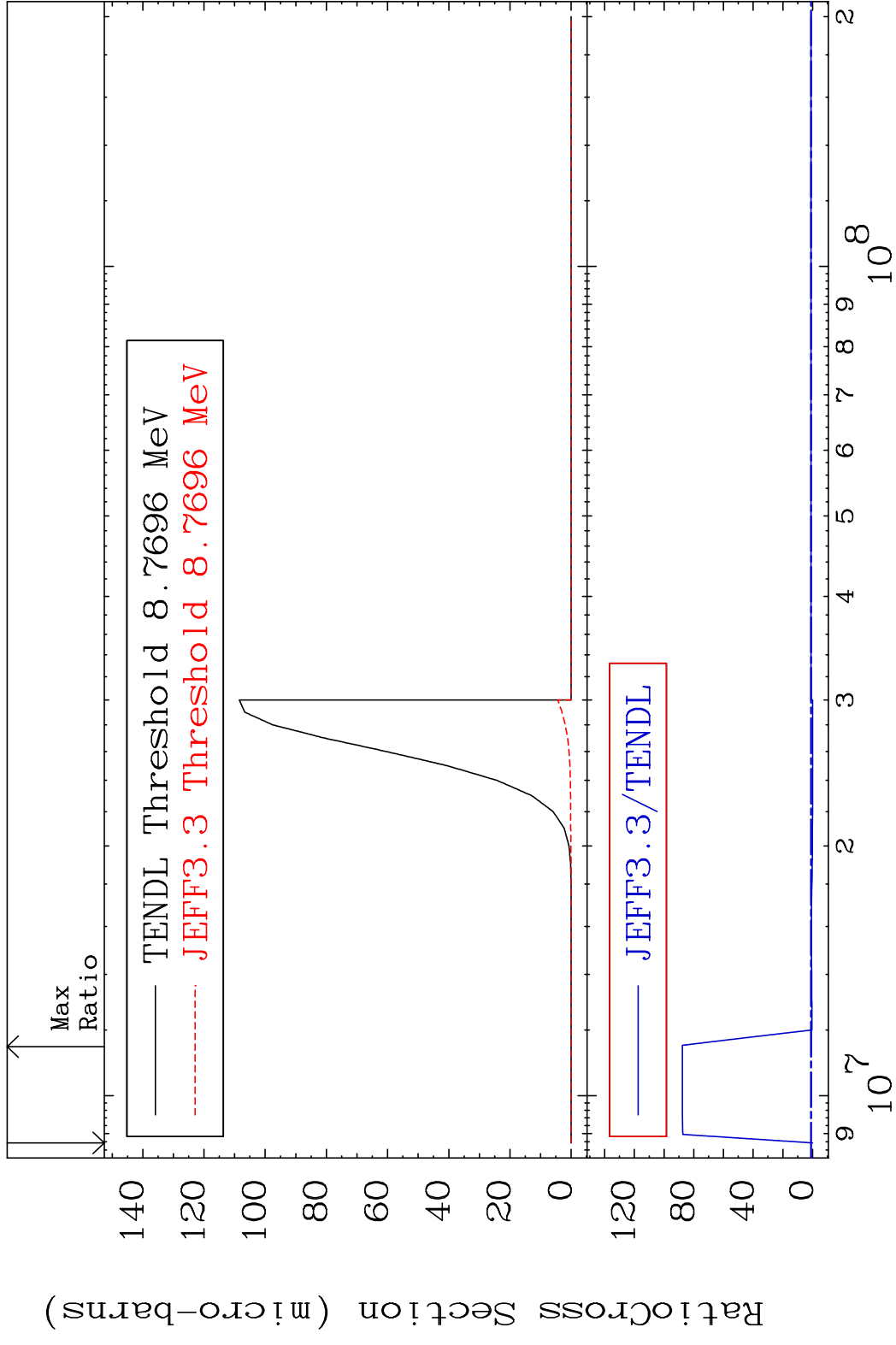




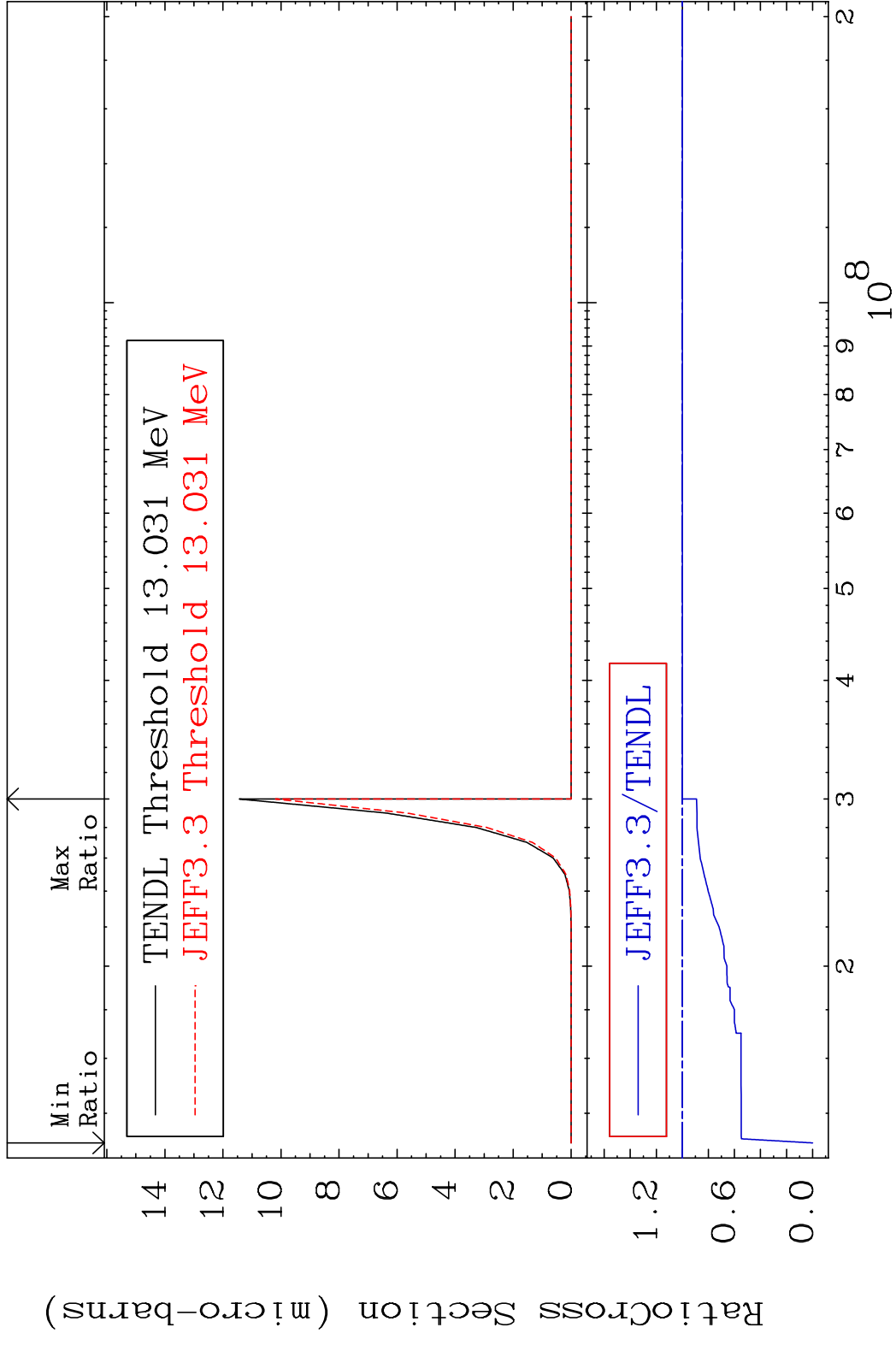
MAT 4725 (n,2p):45-Rh-106g 47-Ag-107
 Radionuclide Production Cross Section 1800 dth 5379. %



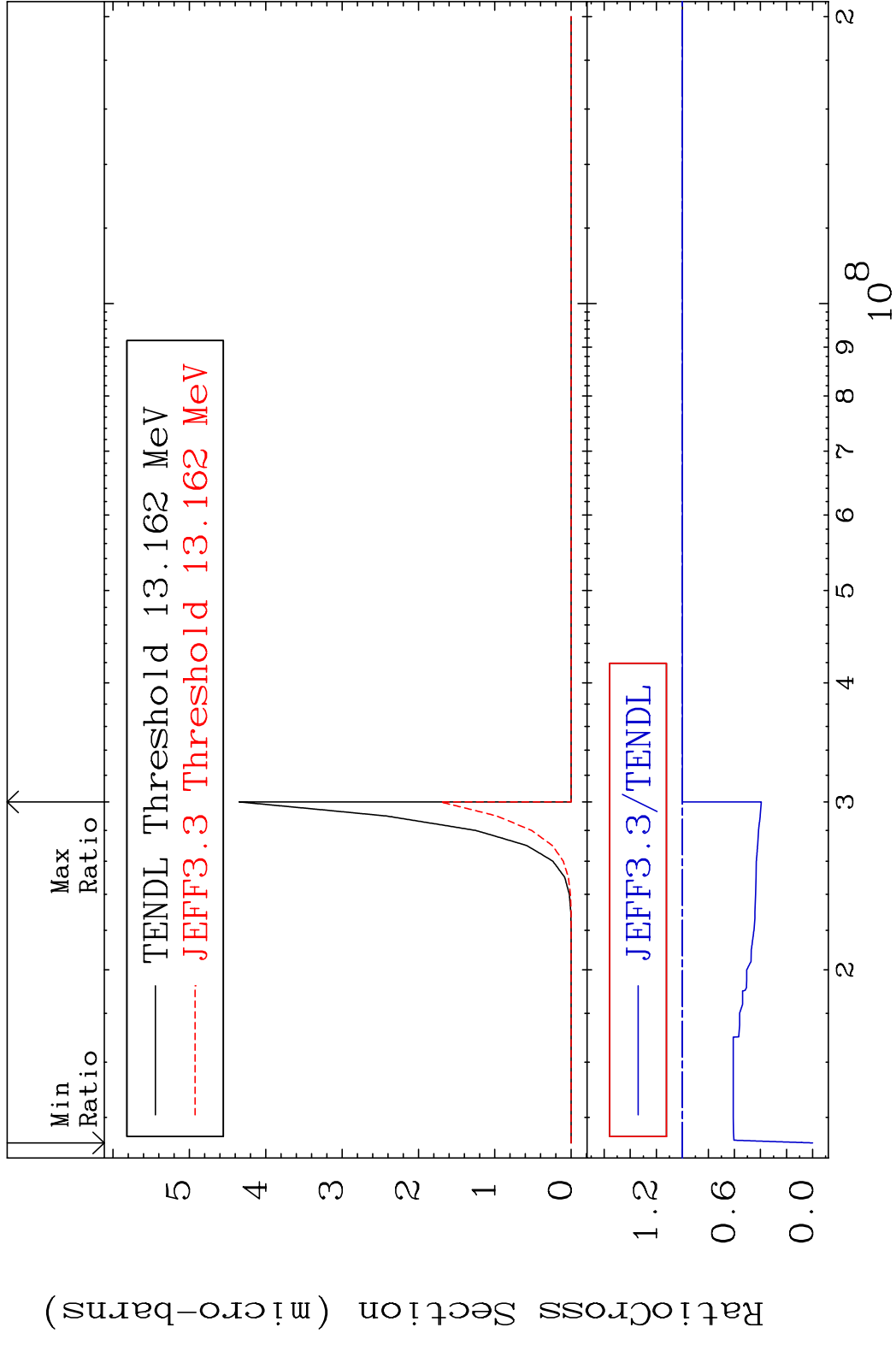
103 Incident Energy (eV) 47-Ag-107



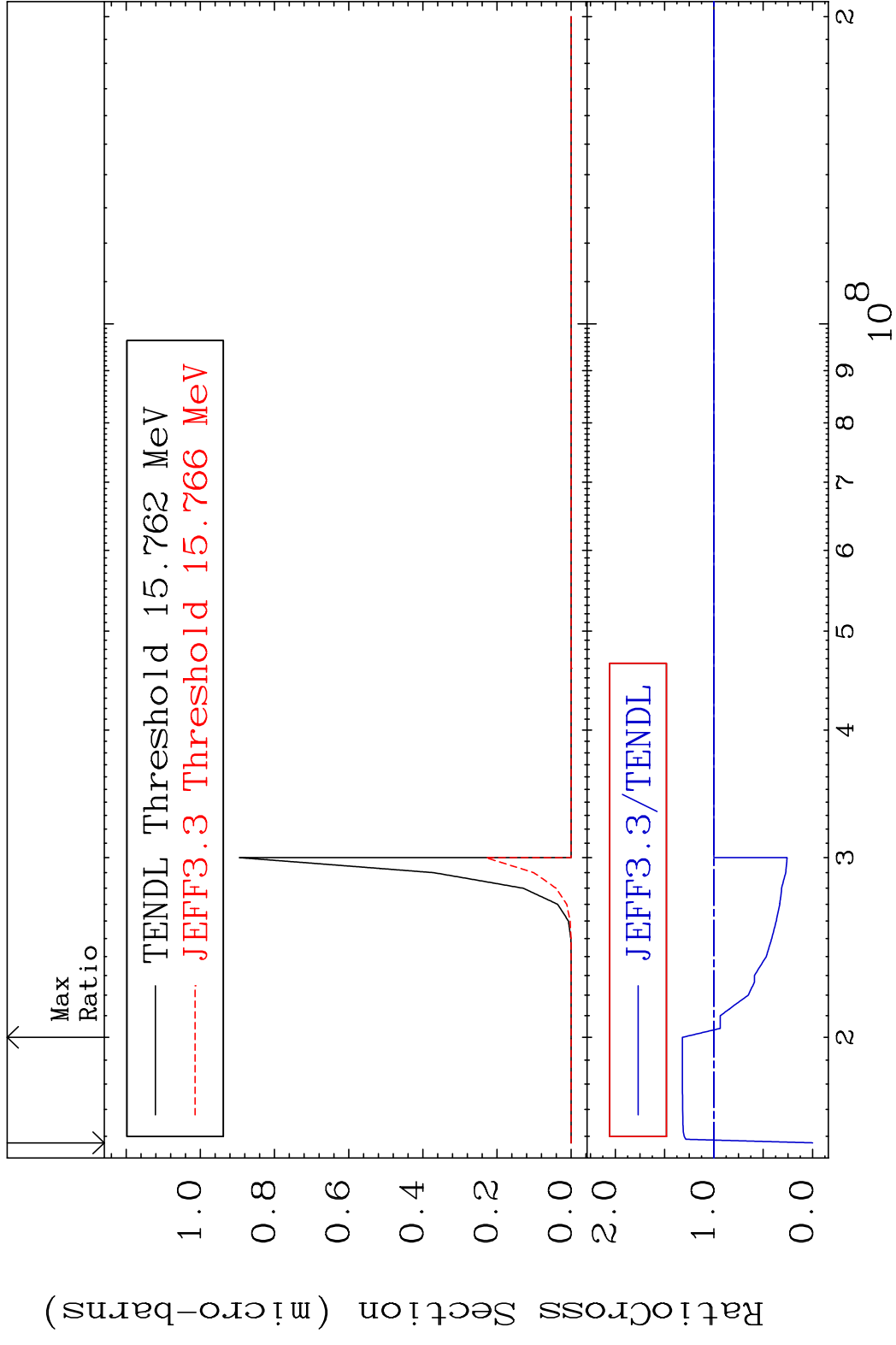
MAT 4725 (n, p) d:45-Rh-105g 47-Ag-107
 Radionuclide Production Cross Section 100.000 %



MAT 4725 (n, p) d:45-Rh-105m1 47-Ag-107
 Radionuclide Production Cross Section 100.000 %



MAT 4725 (n,p) t:45-Rh-104g 47-Ag-107
 Radionuclide Production Cross Section 180.01 dth 31.97 %



MAT 4725 (n, p) t:45-Rh-104m3 47-Ag-107
 Radionuclide Production Cross Section Ratio 66.72 %

