

Program Complot  
(Version 2021-1)

by

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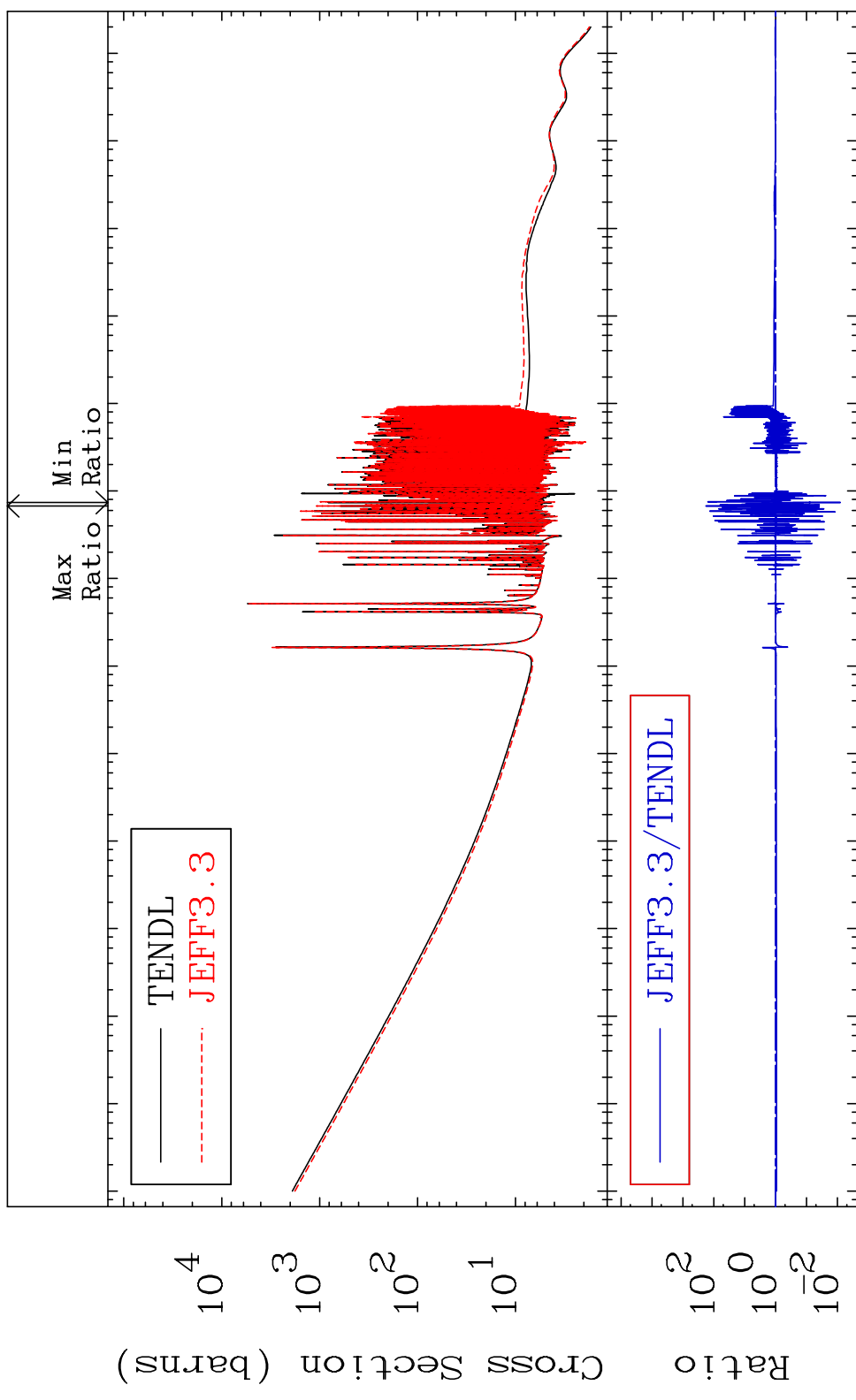
Press Mouse Button to Start

MAT 4725

Total

47-Ag-107

Cross Section -99.20 To 9999. %



1

Incident Energy (eV)

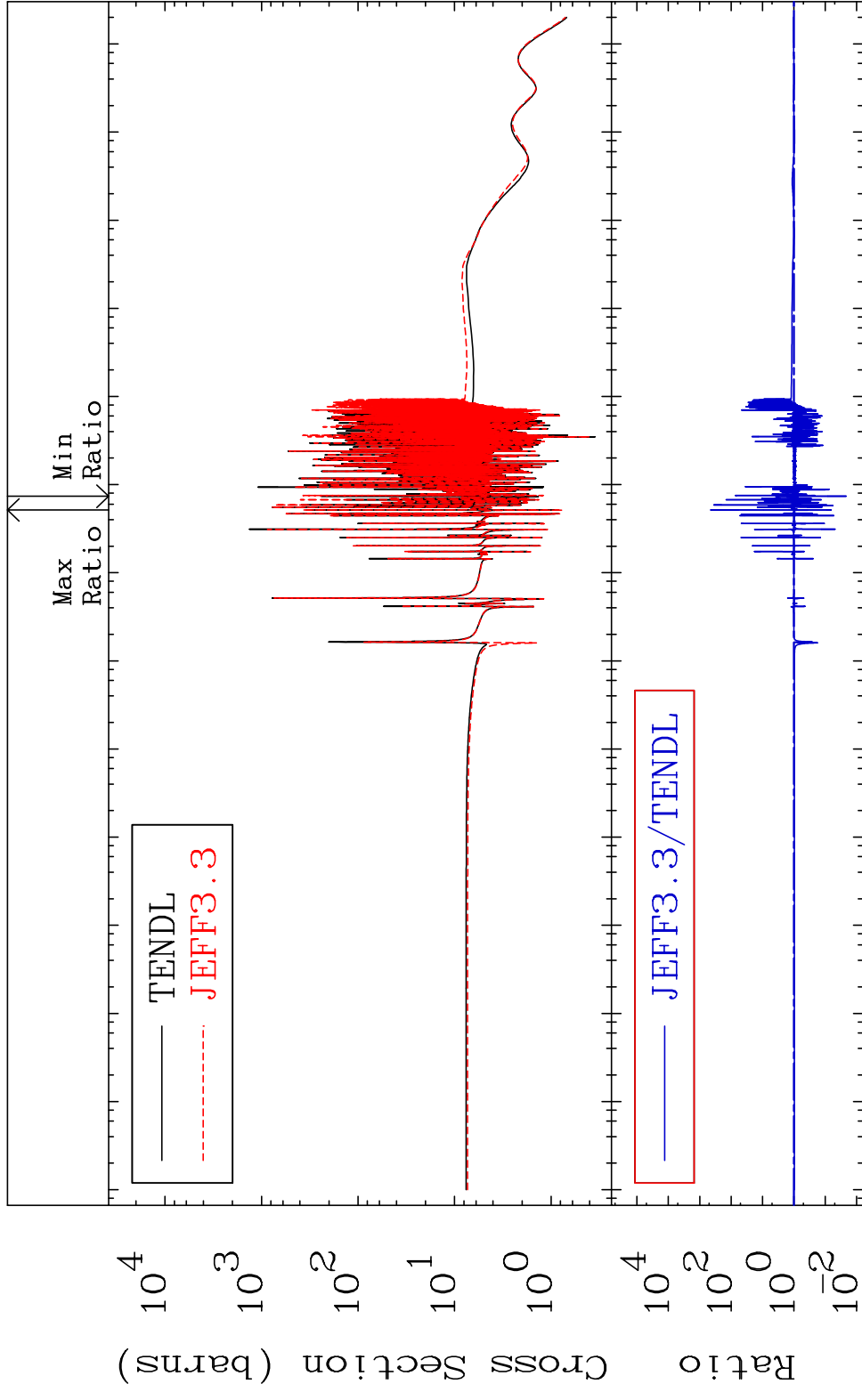
47-Ag-107

MAT 4725

Elastic

47-Ag-107

Cross Section -97.87 To 9999. %

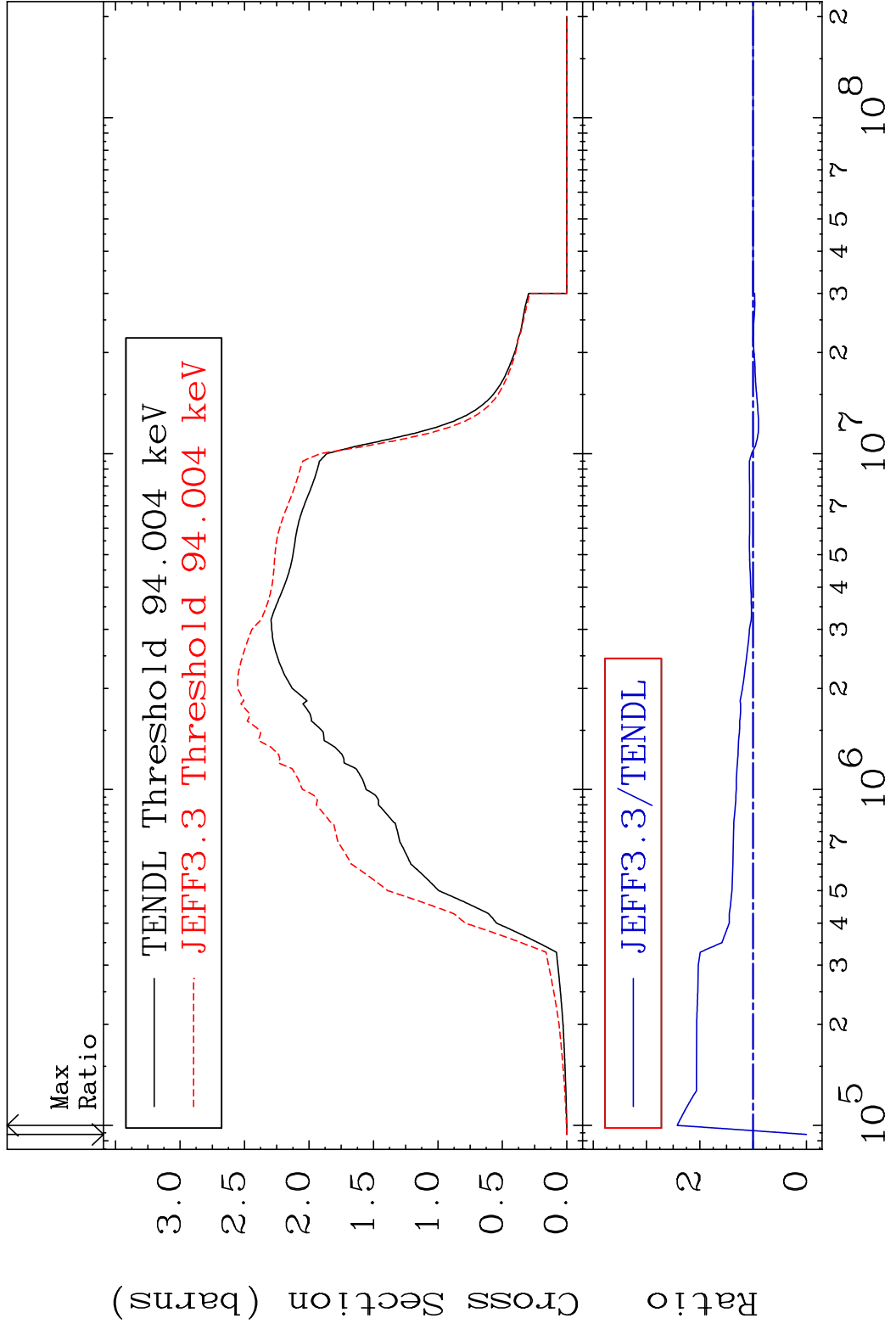


2

Incident Energy (eV)

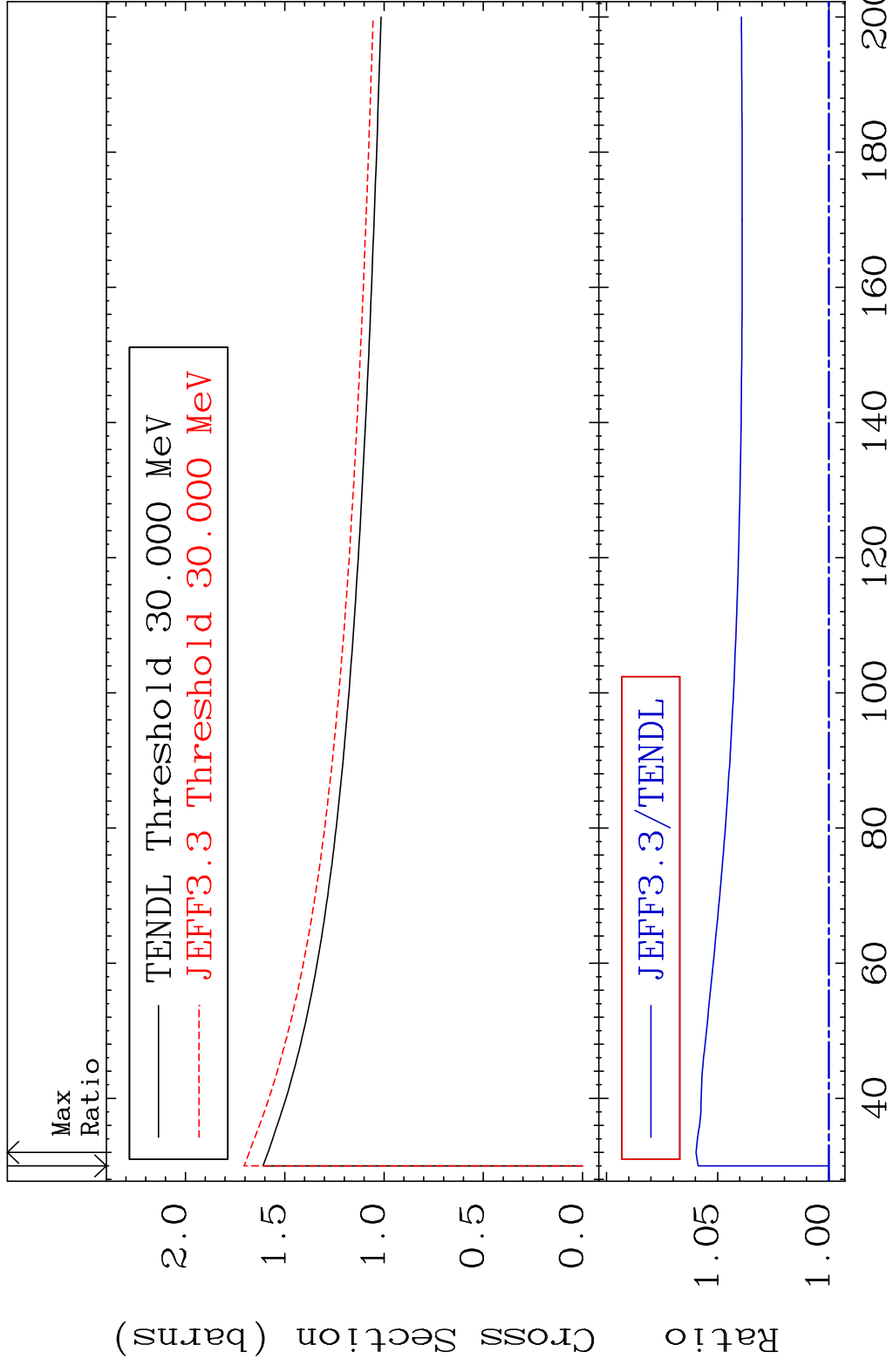
47-Ag-107

MAT 4725 Inelastic 47-Ag-107  
 Cross Section -100.0 To 142.4 %



3 Incident Energy (eV) 47-Ag-107

MAT 4725 (n, remainder) 47-Ag-107  
 Cross Section 0.000 To 5.973 %



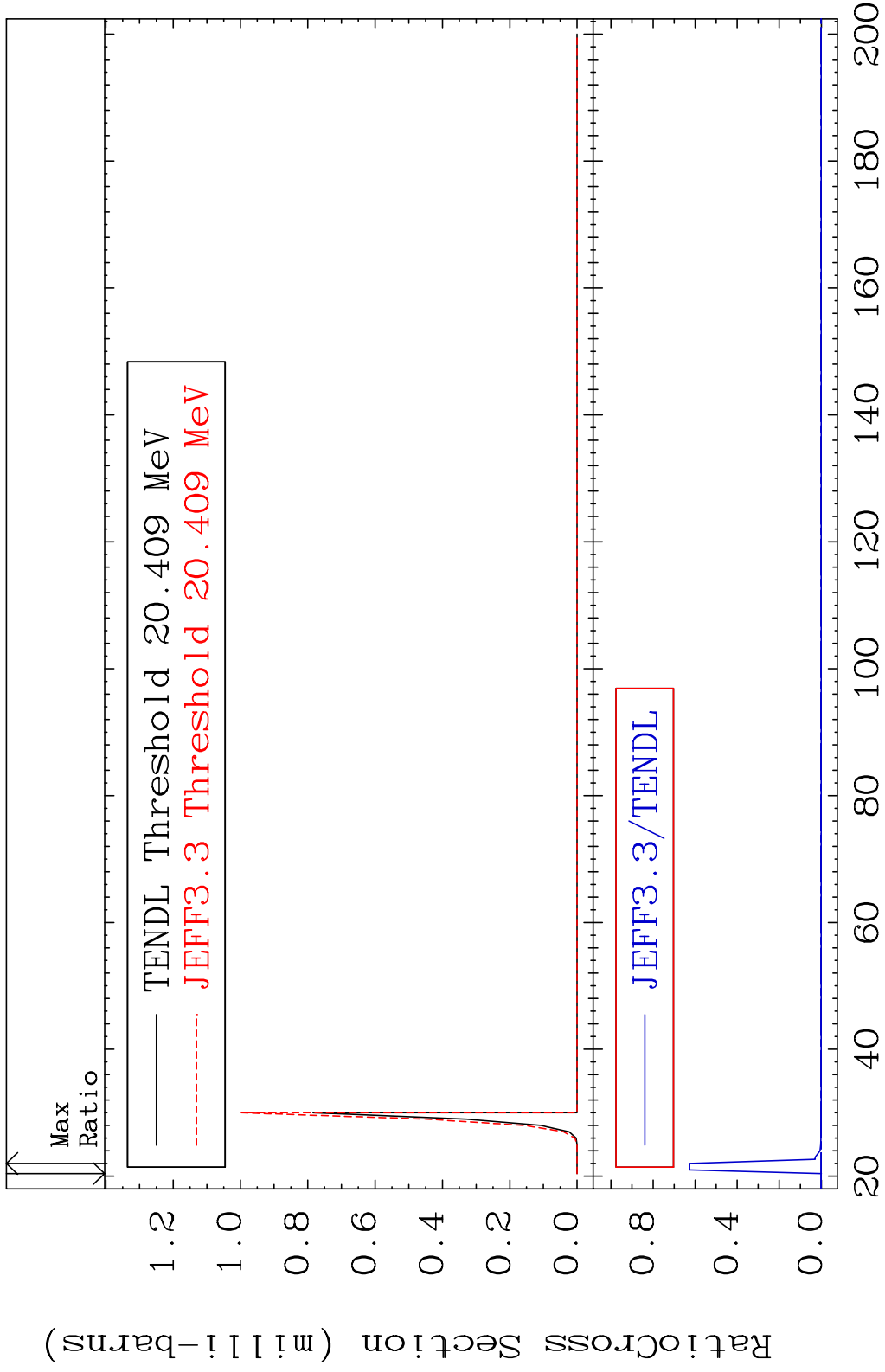
4 Incident Energy (MeV) 47-Ag-107

MAT 4725

(n,2n) d

47-Ag-107

Cross Section -100.0 To 9999. %

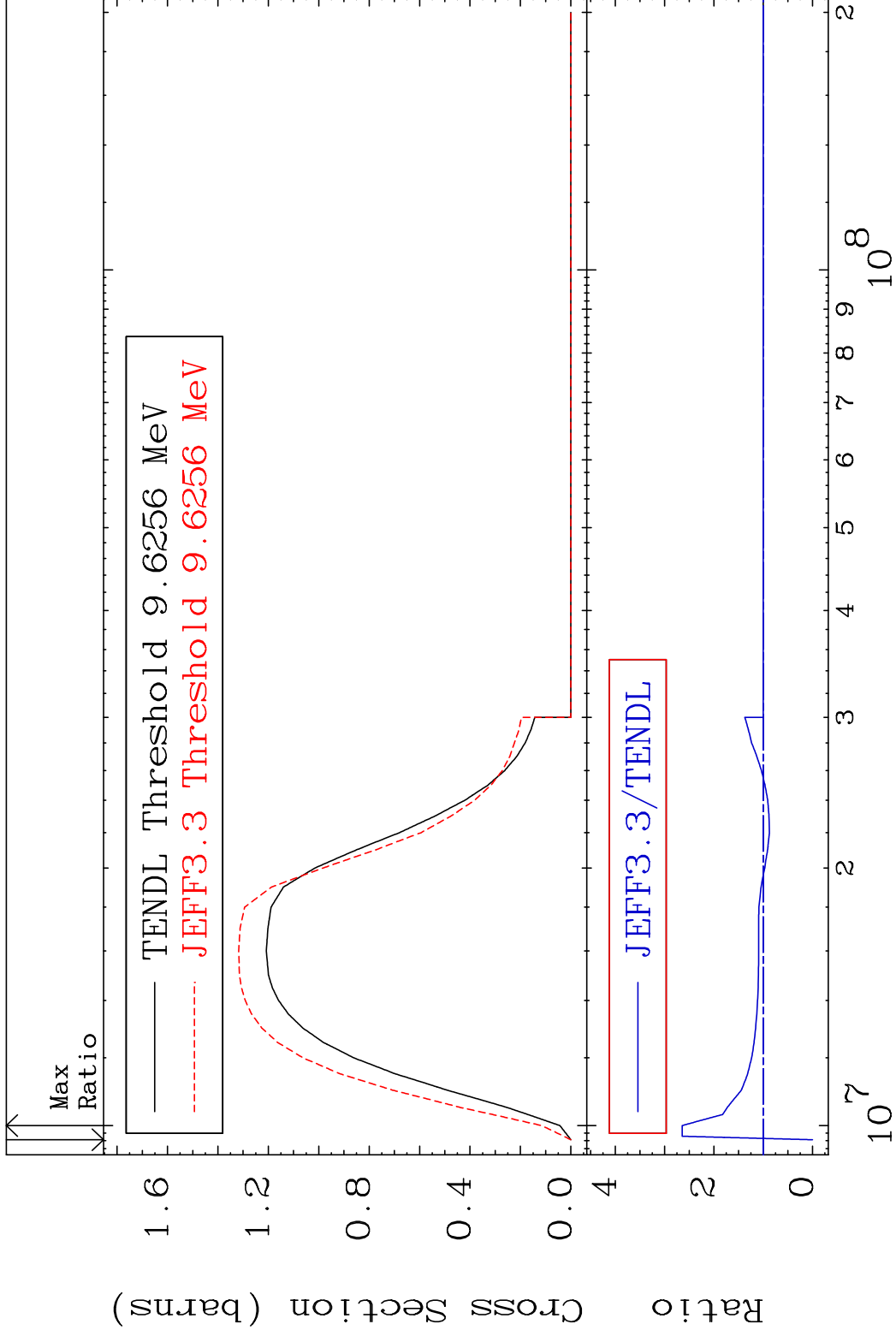


MAT 4725

(n,2n)

47-Ag-107

Cross Section -100.0 To 164.3 %



6

Incident Energy (eV)

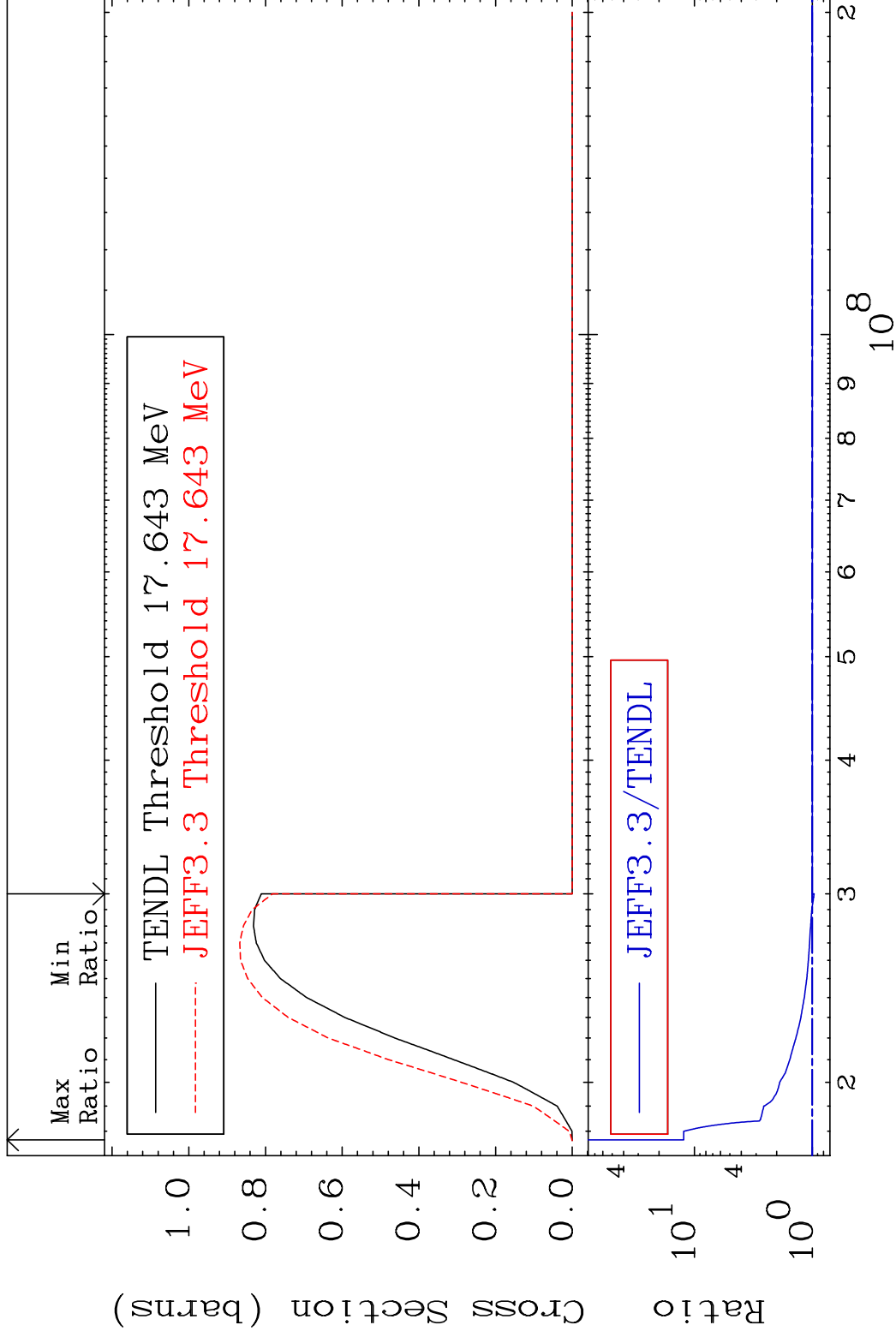
47-Ag-107

MAT 4725

(n,3n)

47-Ag-107

Cross Section -3.622 To 1134. %



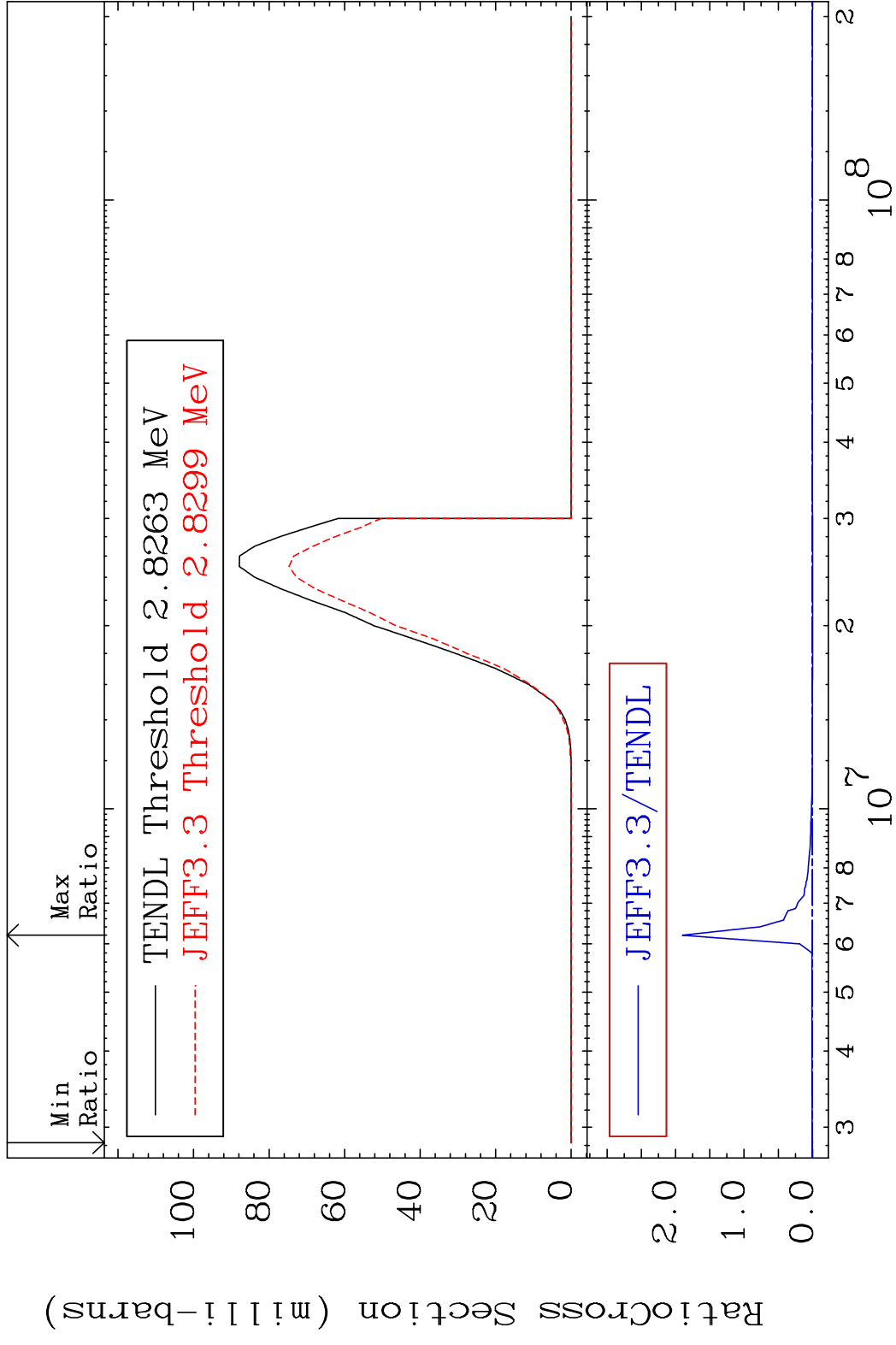
7

Incident Energy (eV)

47-Ag-107



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

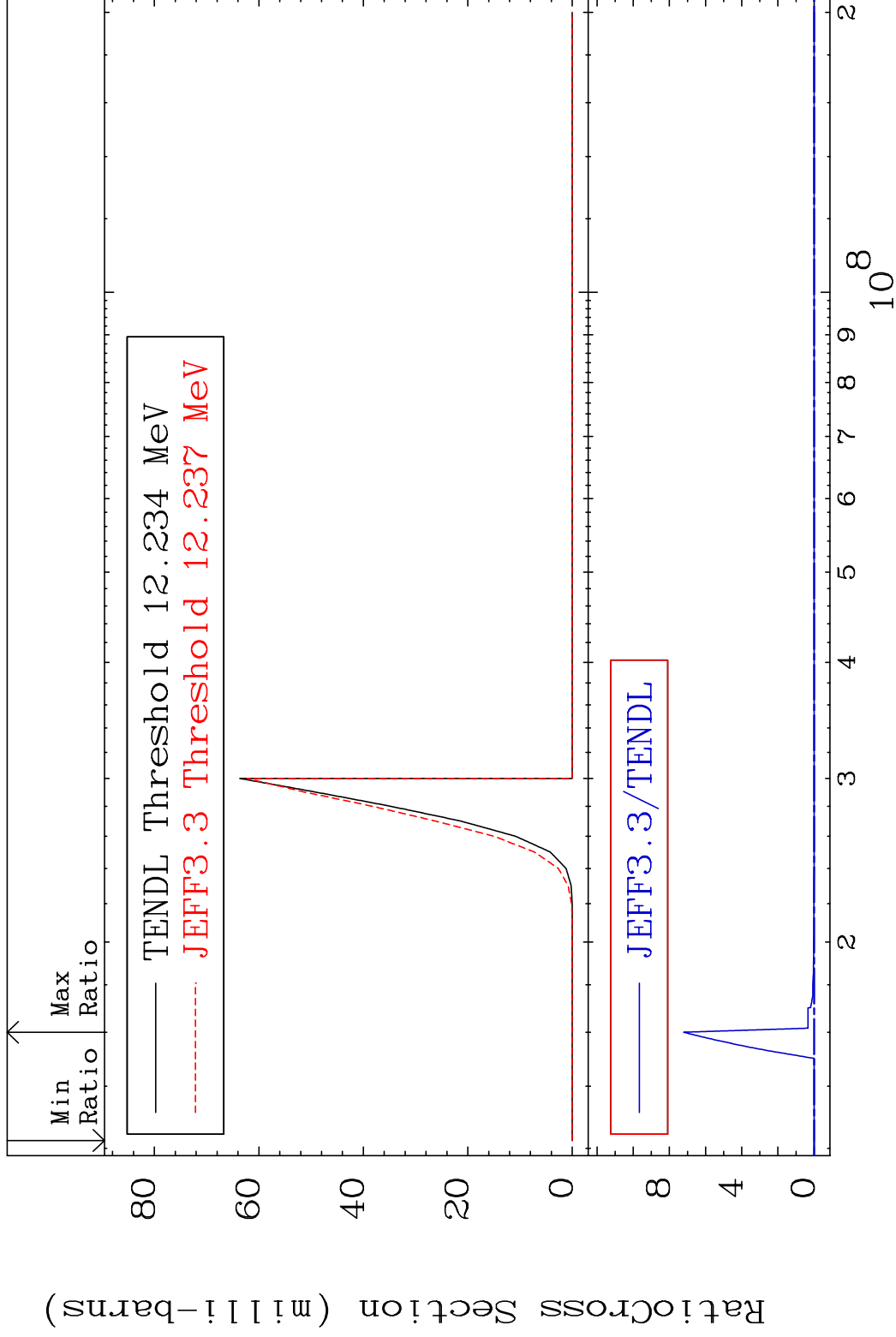


MAT 4725

(n,2n)  $\alpha$

47-Ag-107

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

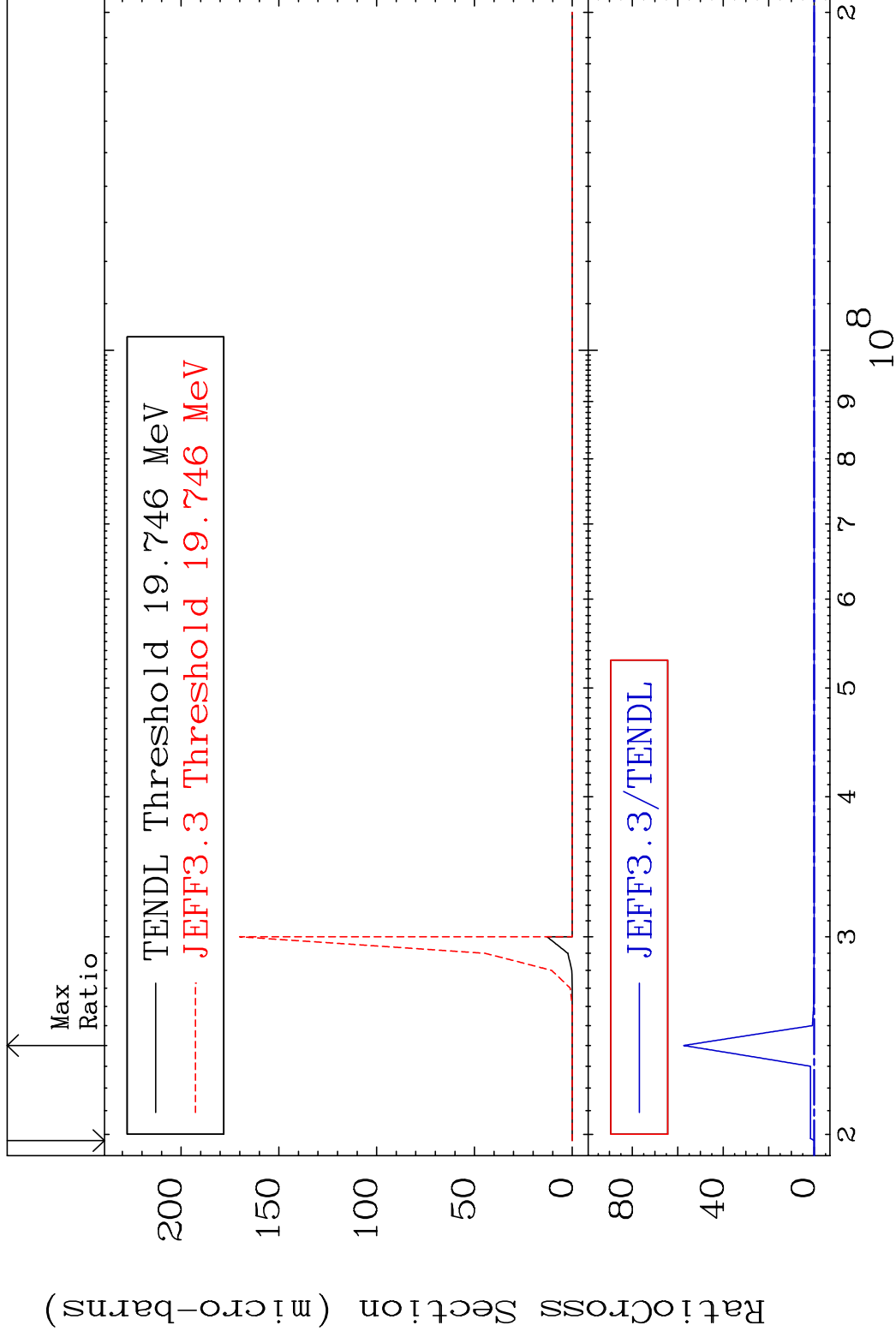
47-Ag-107

MAT 4725

(n,3n)  $\alpha$

47-Ag-107

Cross Section -100.0 To 9999. %

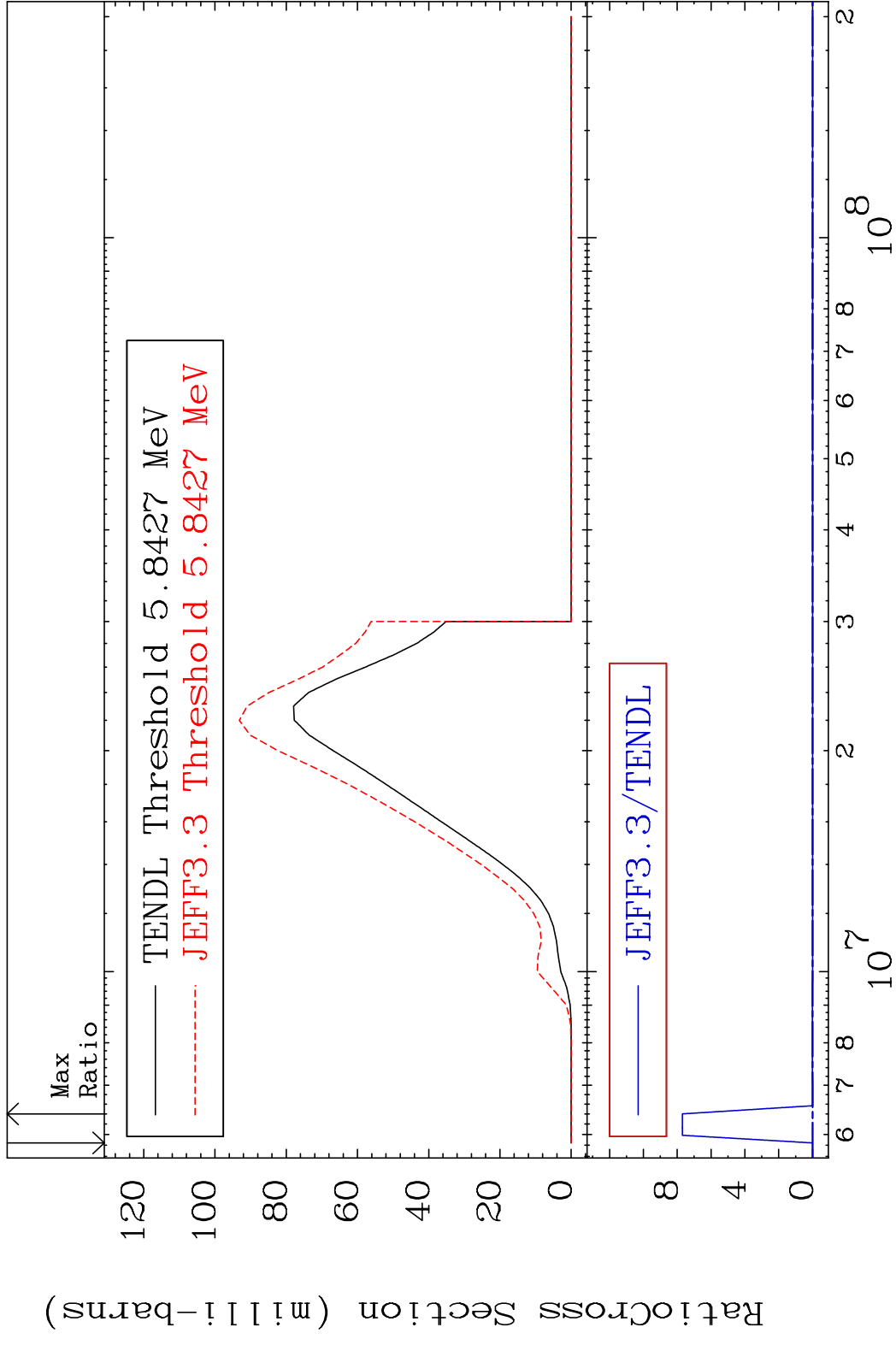


10

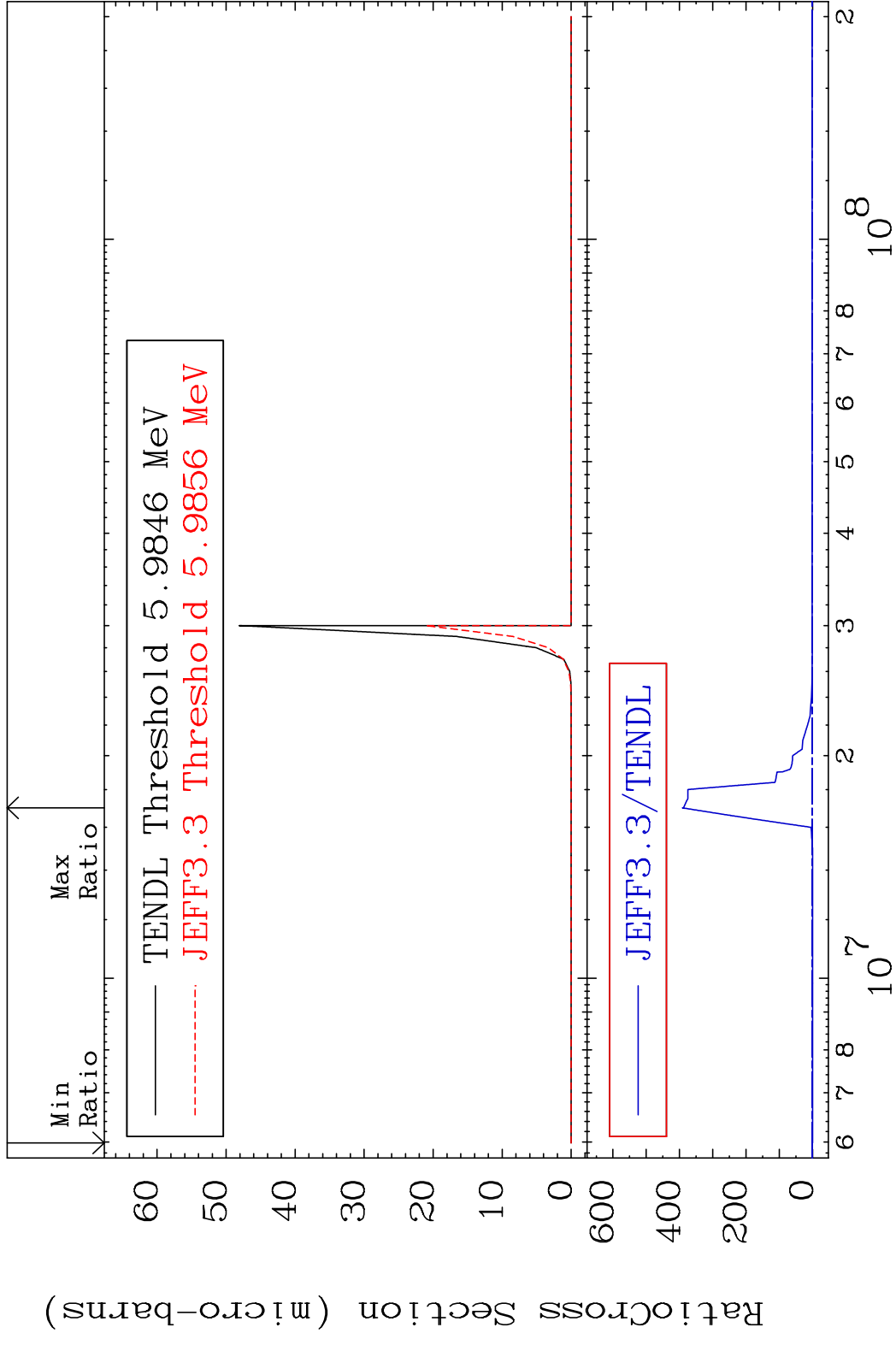
Incident Energy (eV)

47-Ag-107

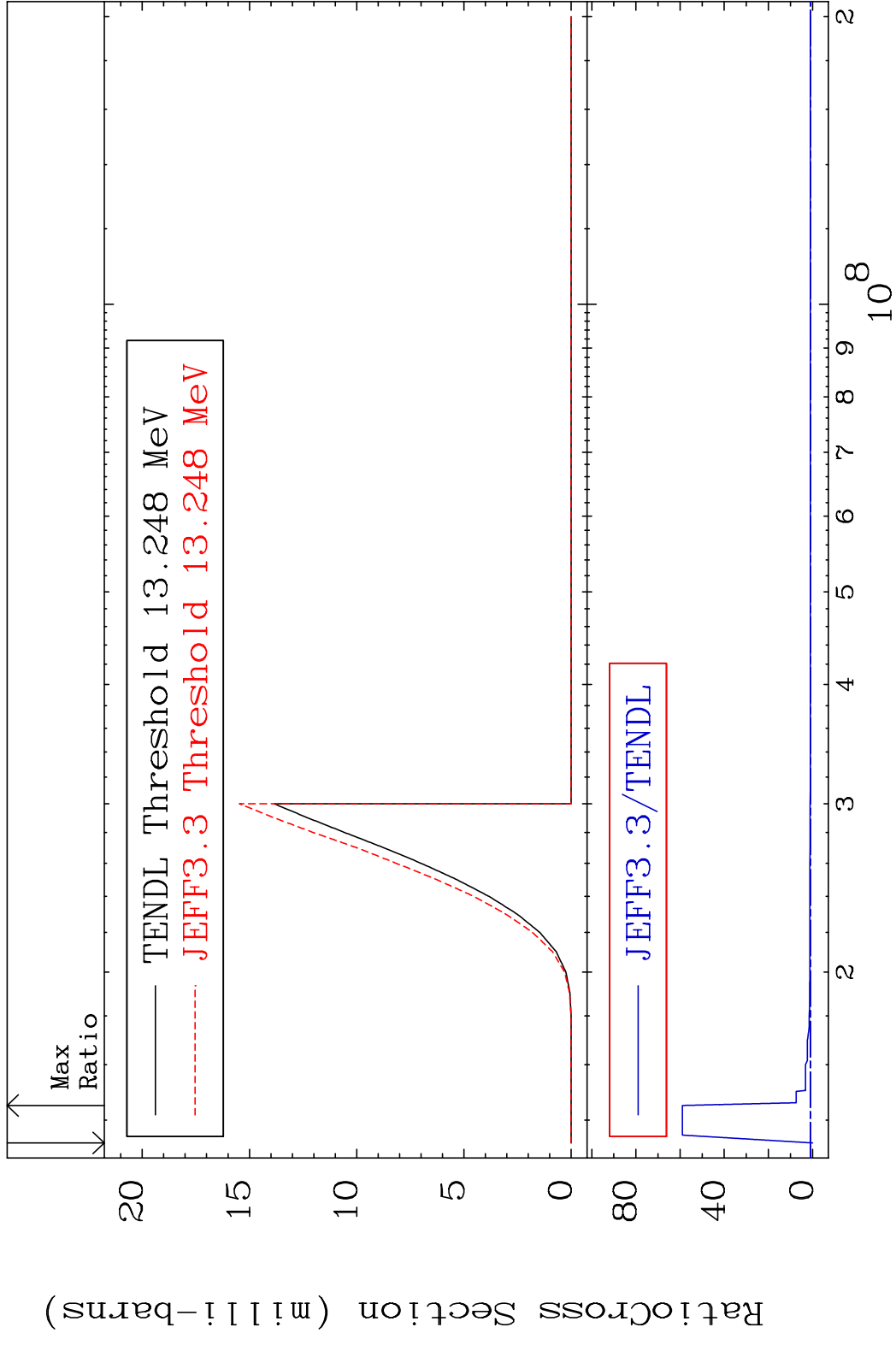
MAT 4725 (n, n') p 47-Ag-107  
 Cross Section -100.0 To 9999. %



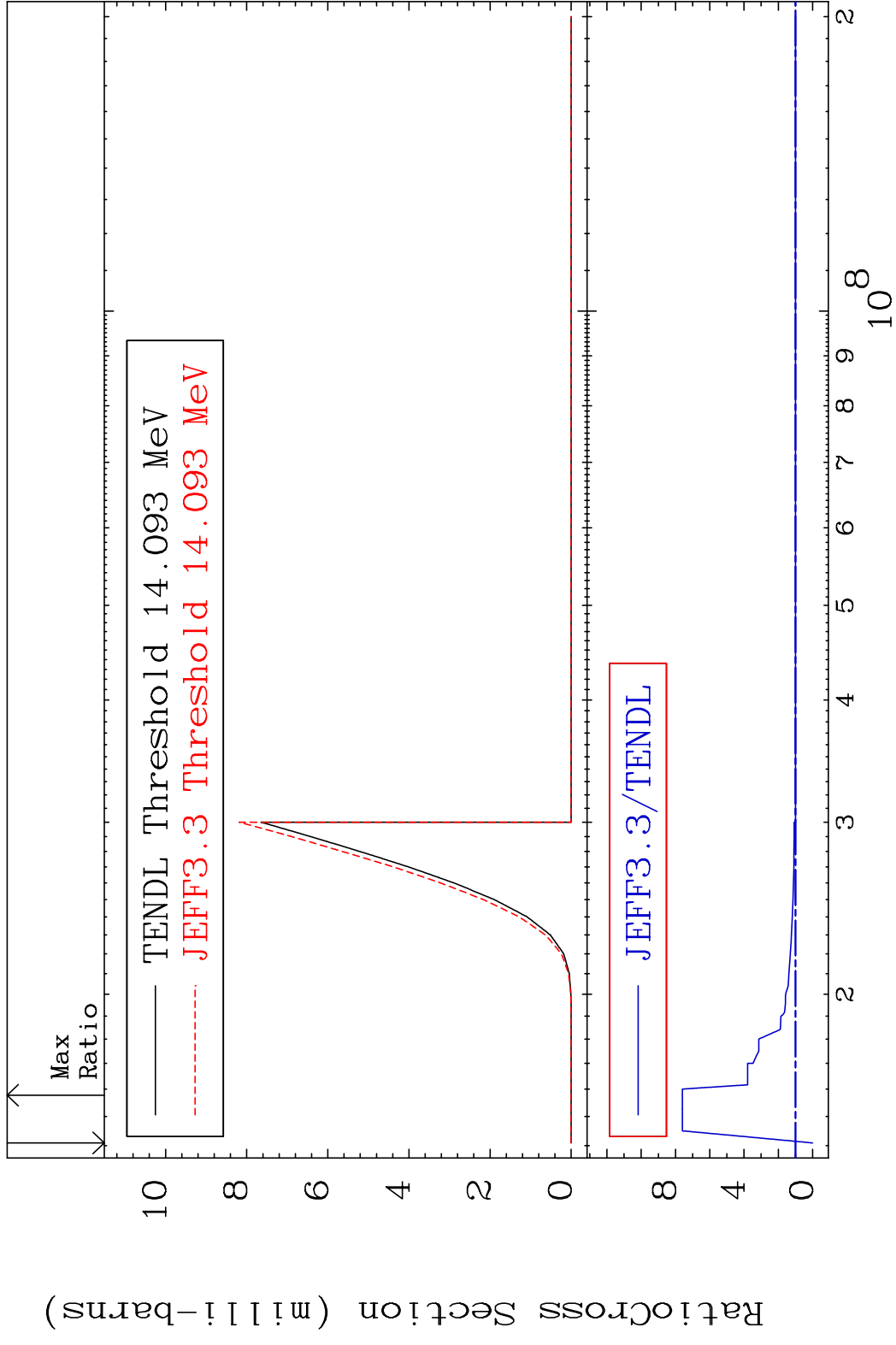
MAT 4725 (n, n') 2α 47-Ag-107  
 Cross Section -100.0 To 9999. %



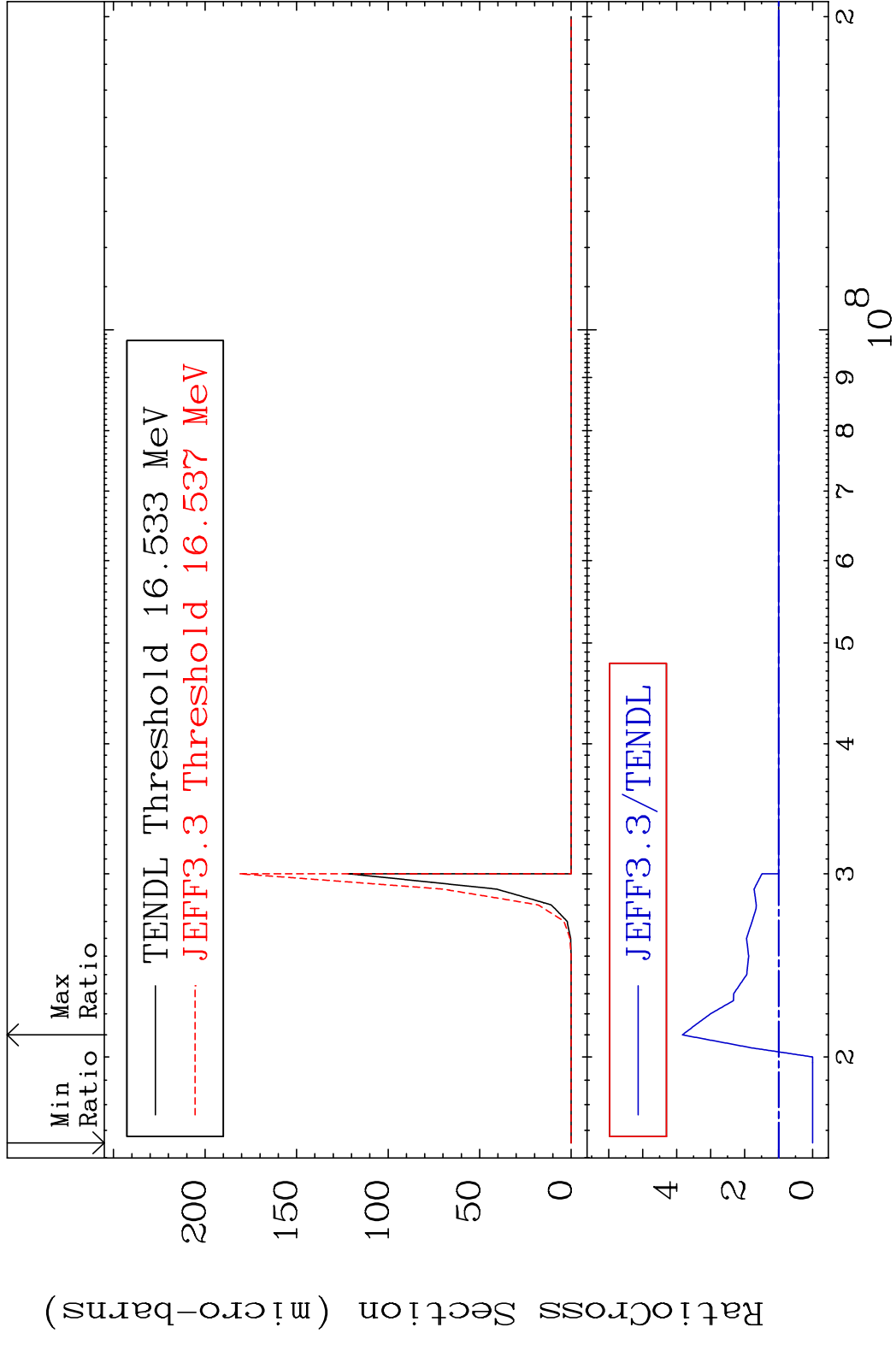
MAT 4725 (n, n') d 47-Ag-107  
 Cross Section -100.0 To 5797. %



MAT 4725 (n, n') t 47-Ag-107  
 Cross Section -100.0 To 659.9 %

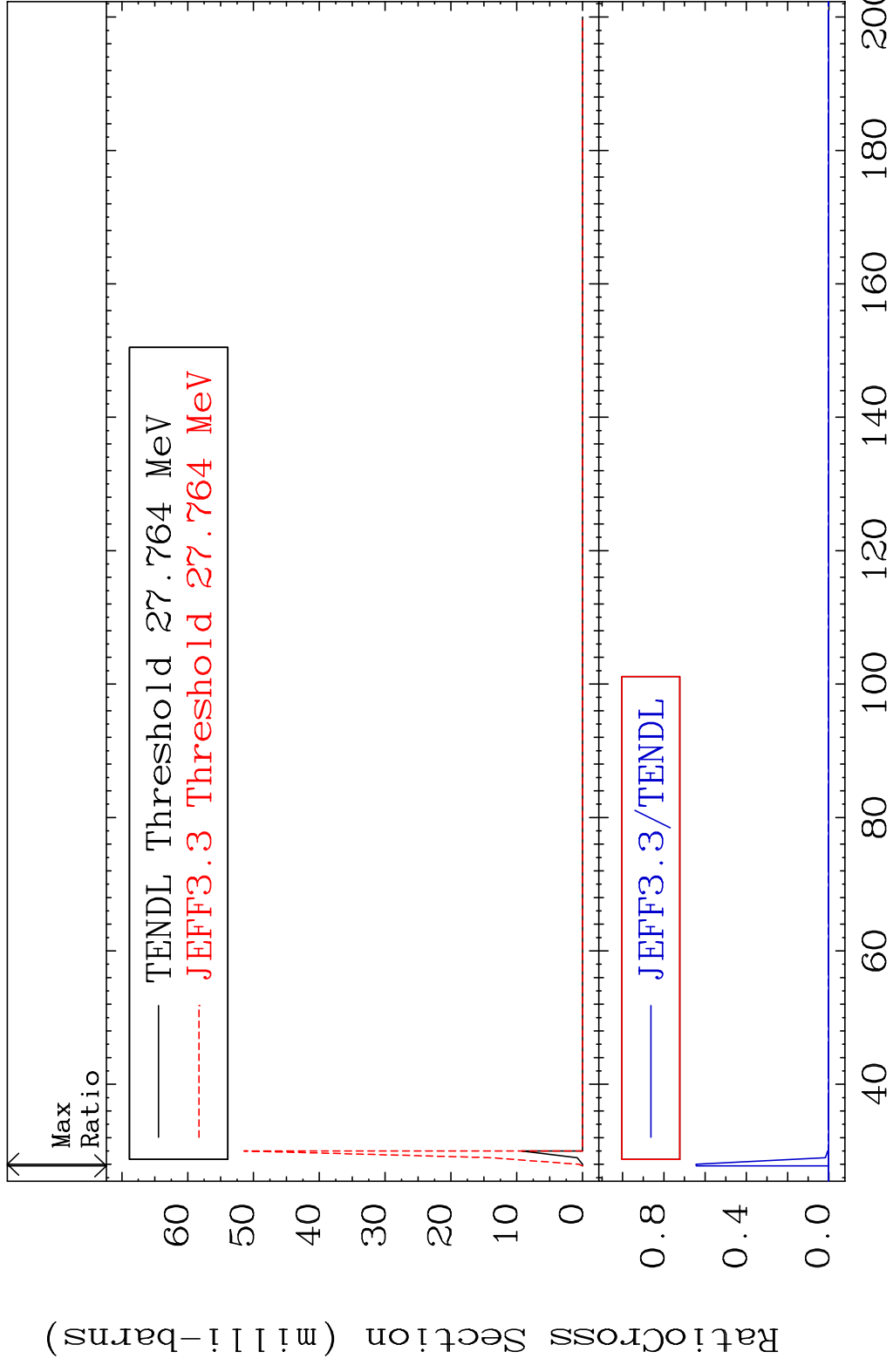


MAT 4725 (n,n') He-3 47-Ag-107  
 Cross Section -100.0 To 283.2 %





MAT 4725 (n,4n) 47-Ag-107  
 Cross Section -100.0 To 9999. %

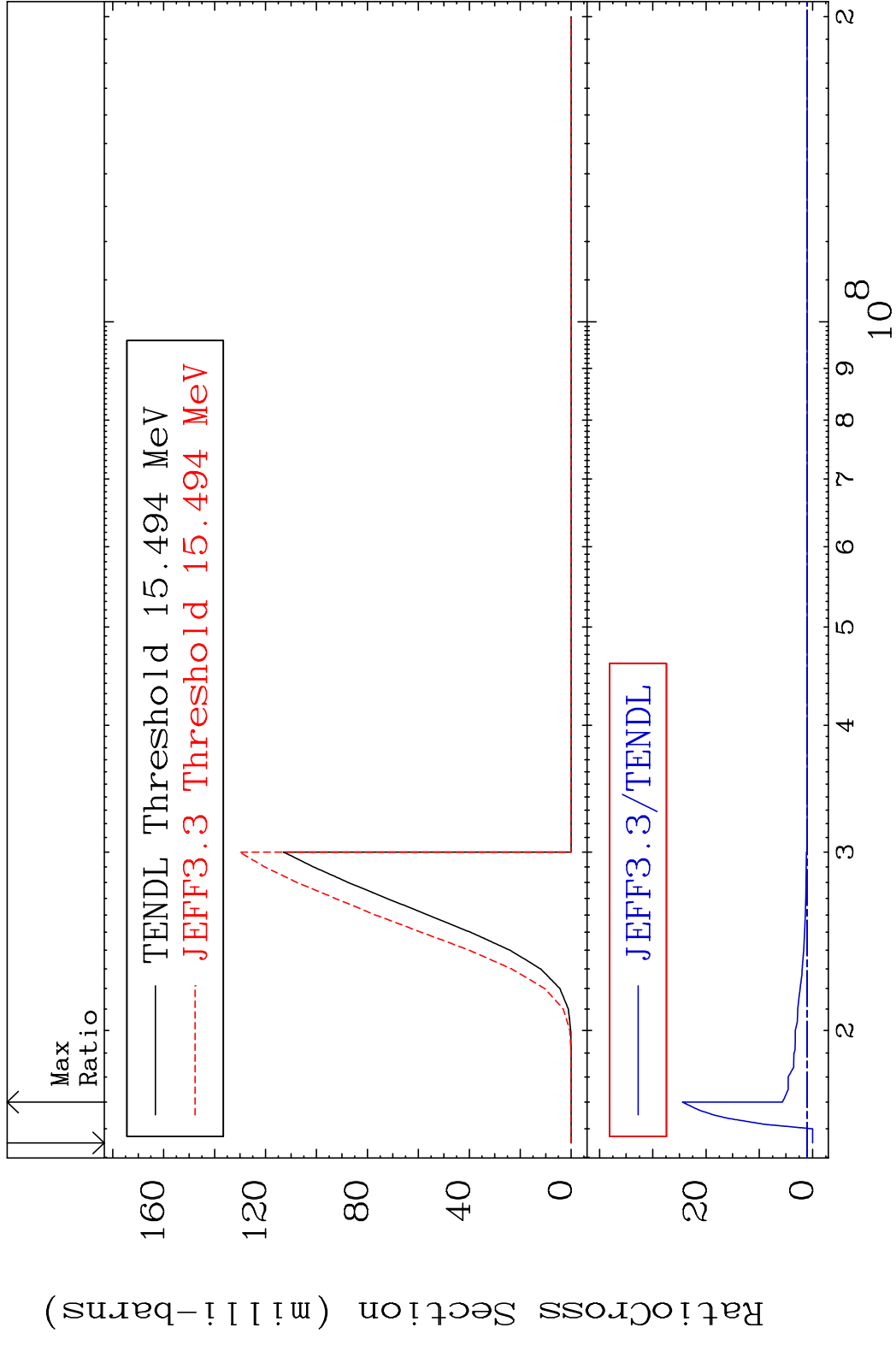


MAT 4725

(n,2n) p

47-Ag-107

Cross Section -100.0 To 2345. %

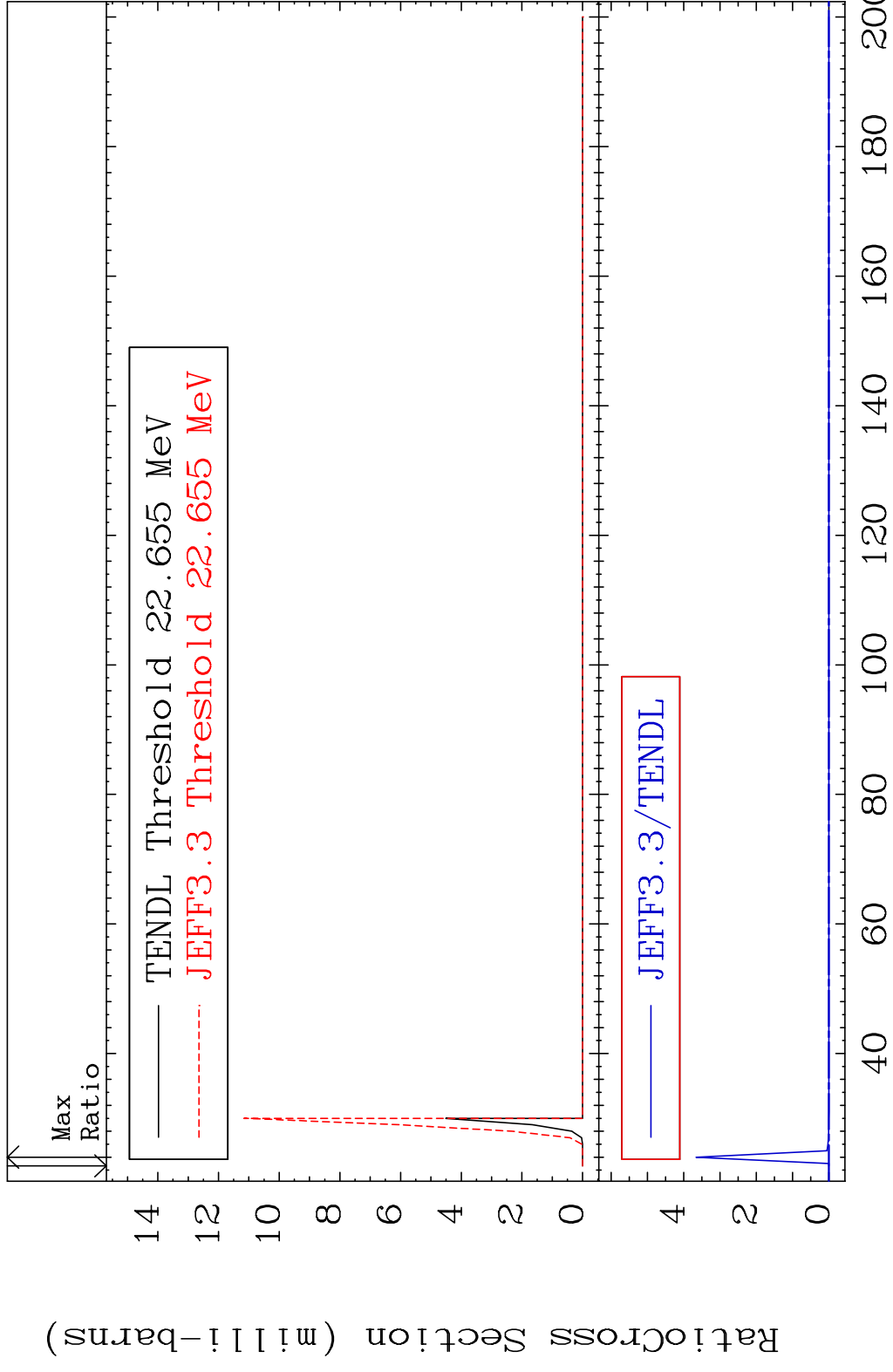


17

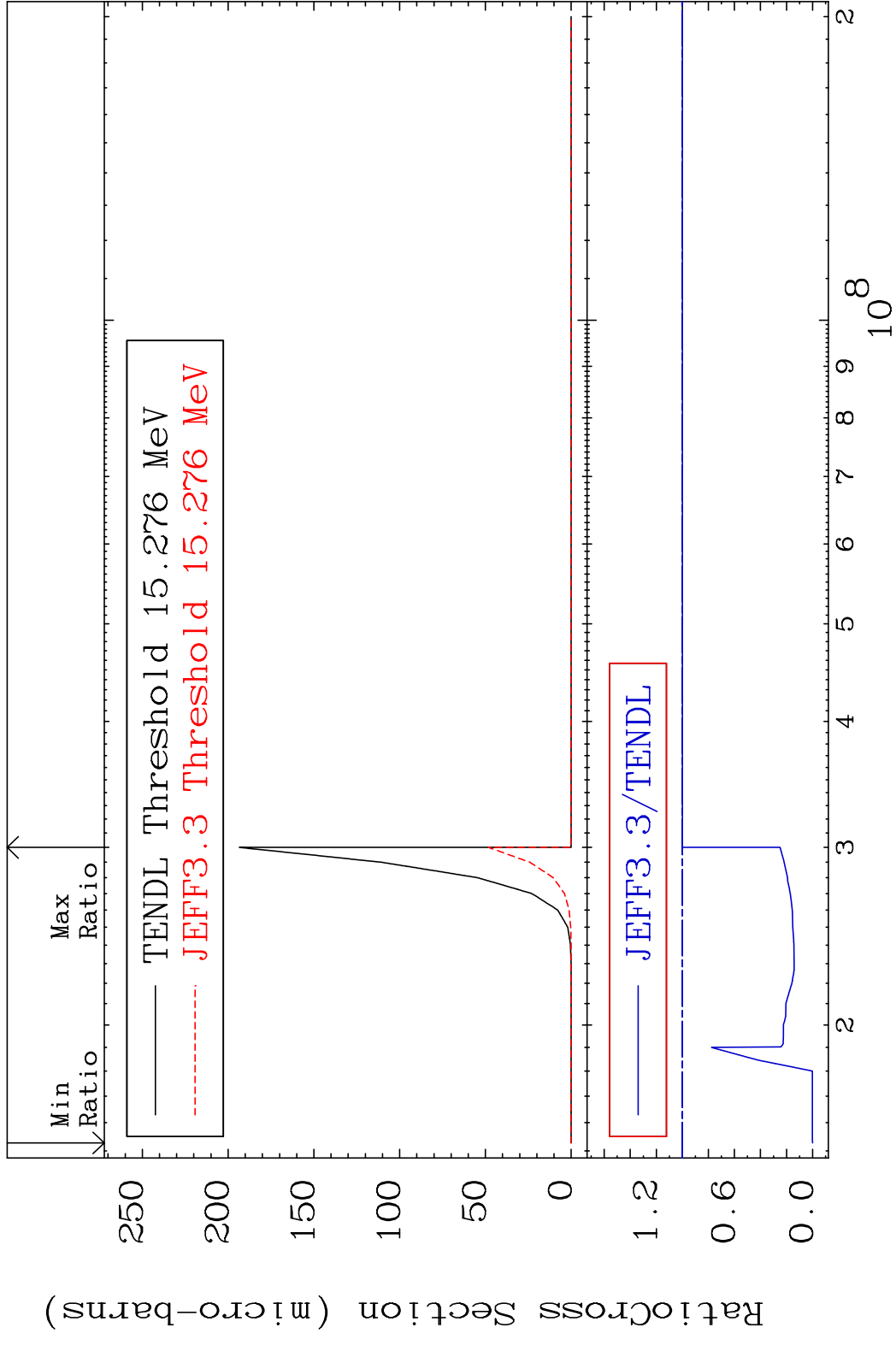
Incident Energy (eV)

47-Ag-107

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



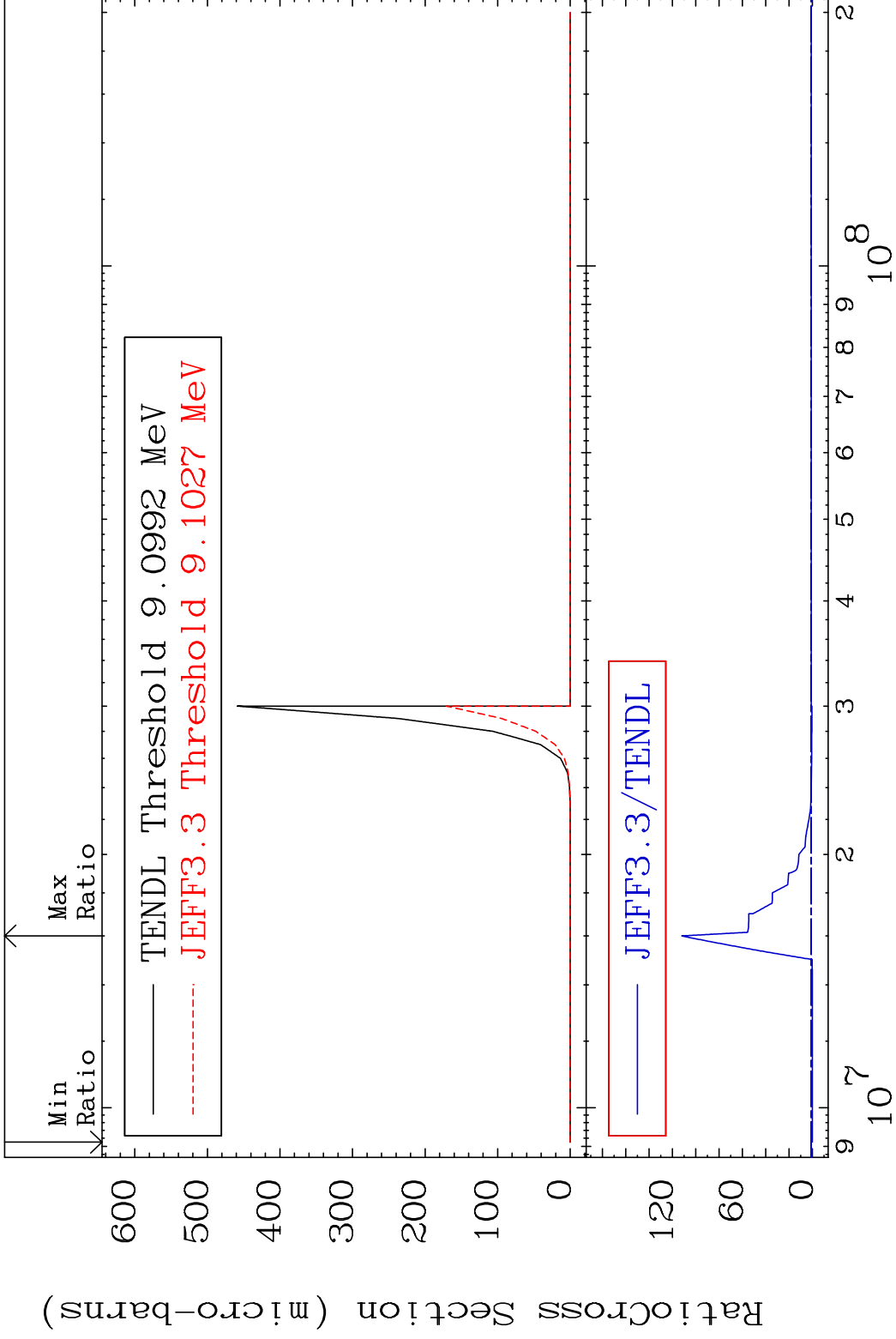
MAT 4725 (n,2n) p 47-Ag-107  
 Cross Section -100.0 To 0.000 %



MAT 4725

(n,n') p  $\alpha$  47-Ag-107

Cross Section -100.0 To 9999. %

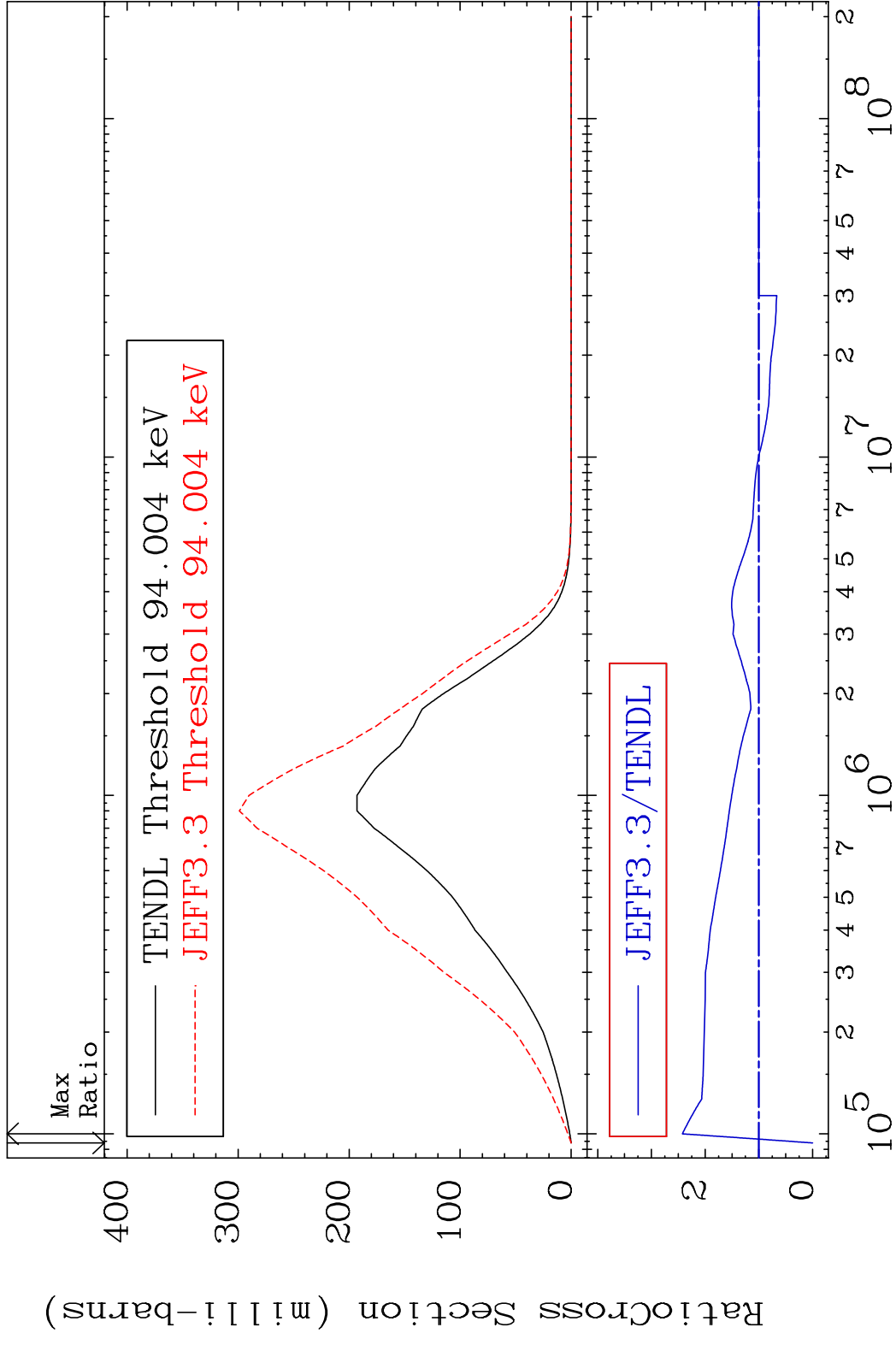


20

Incident Energy (eV)

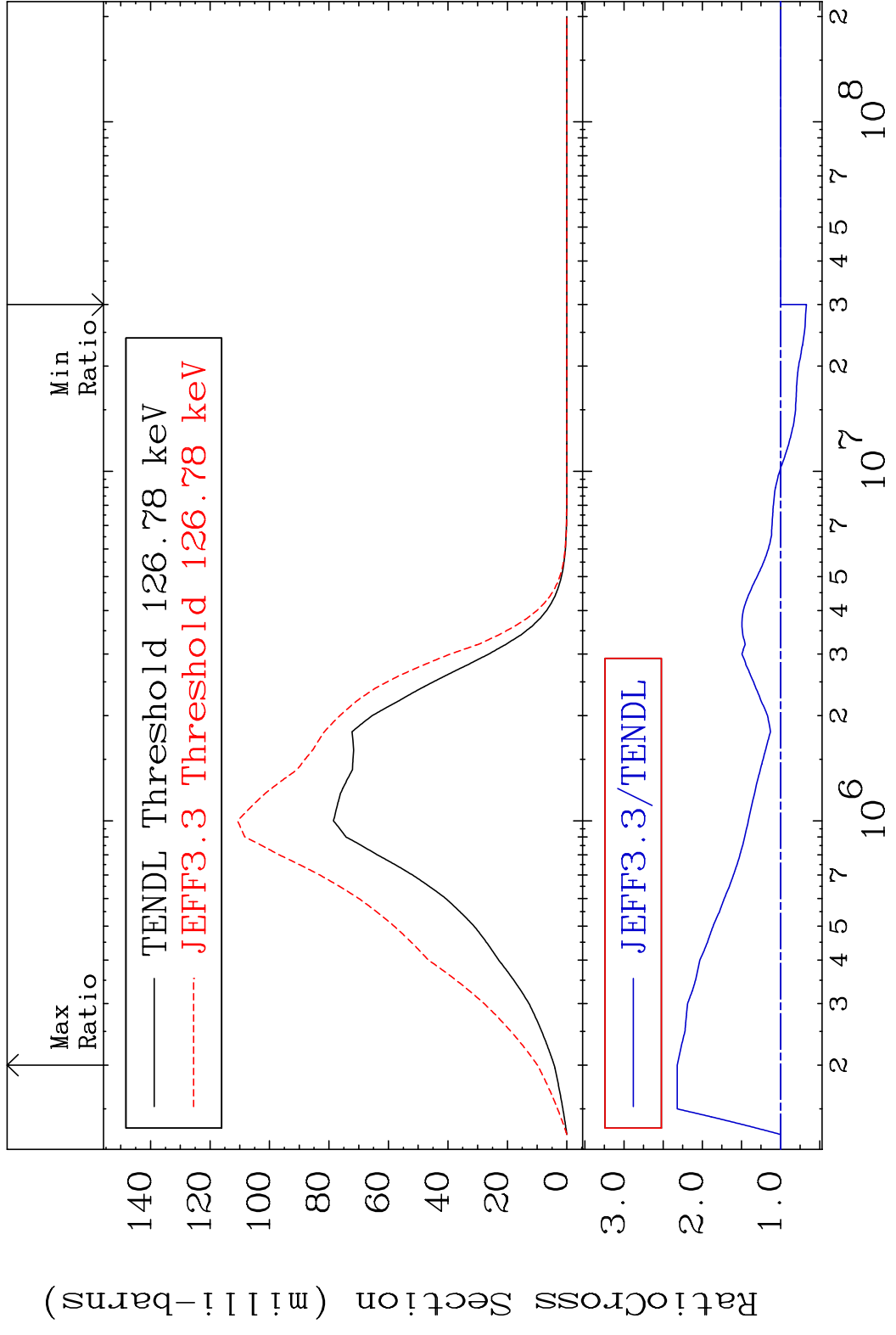
47-Ag-107

MAT 4725 MT= 51 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 142.4 %

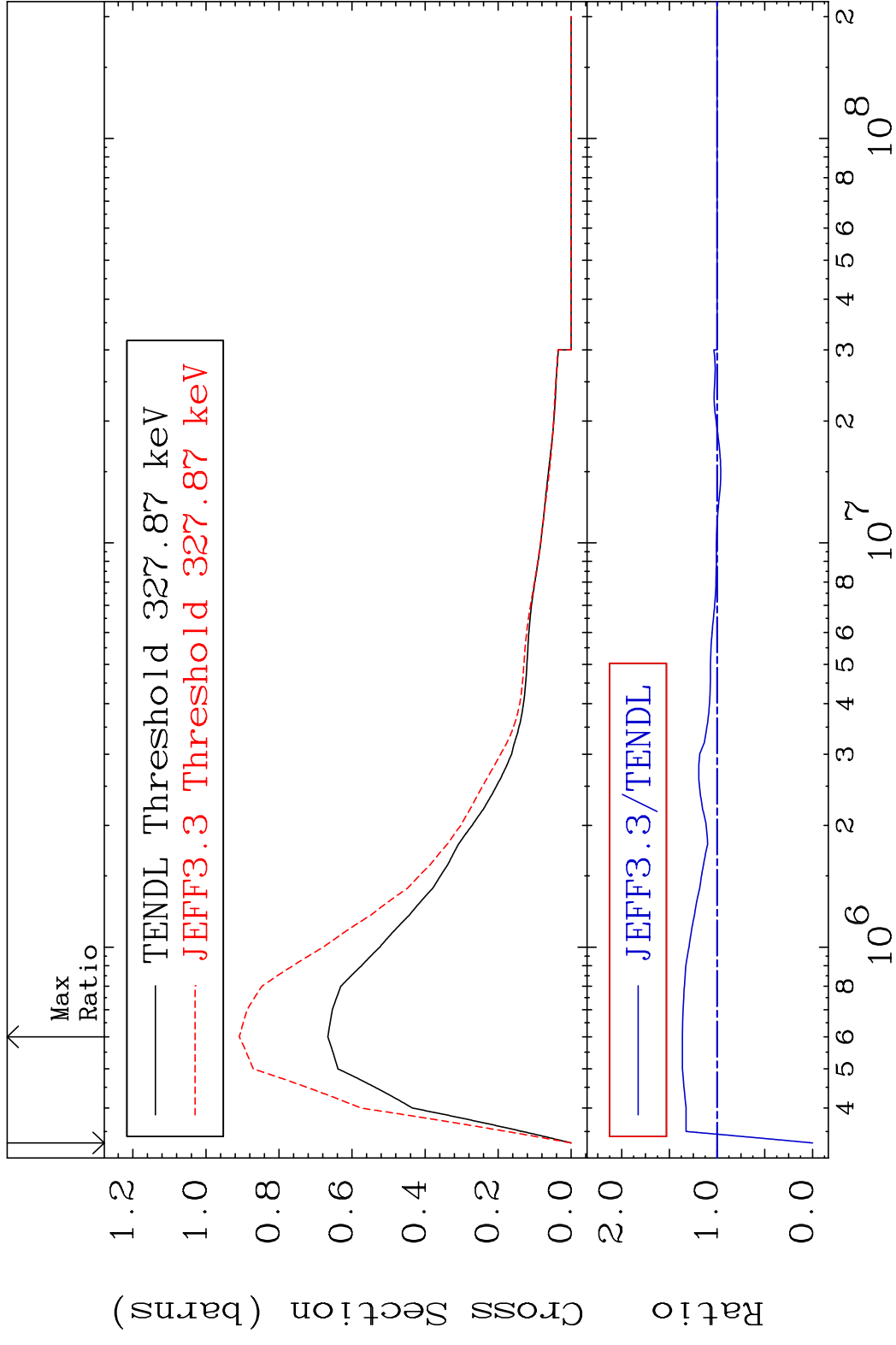


21 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 52 (n,n') Level 47-Ag-107  
 Cross Section -33.01 To 132.0 %

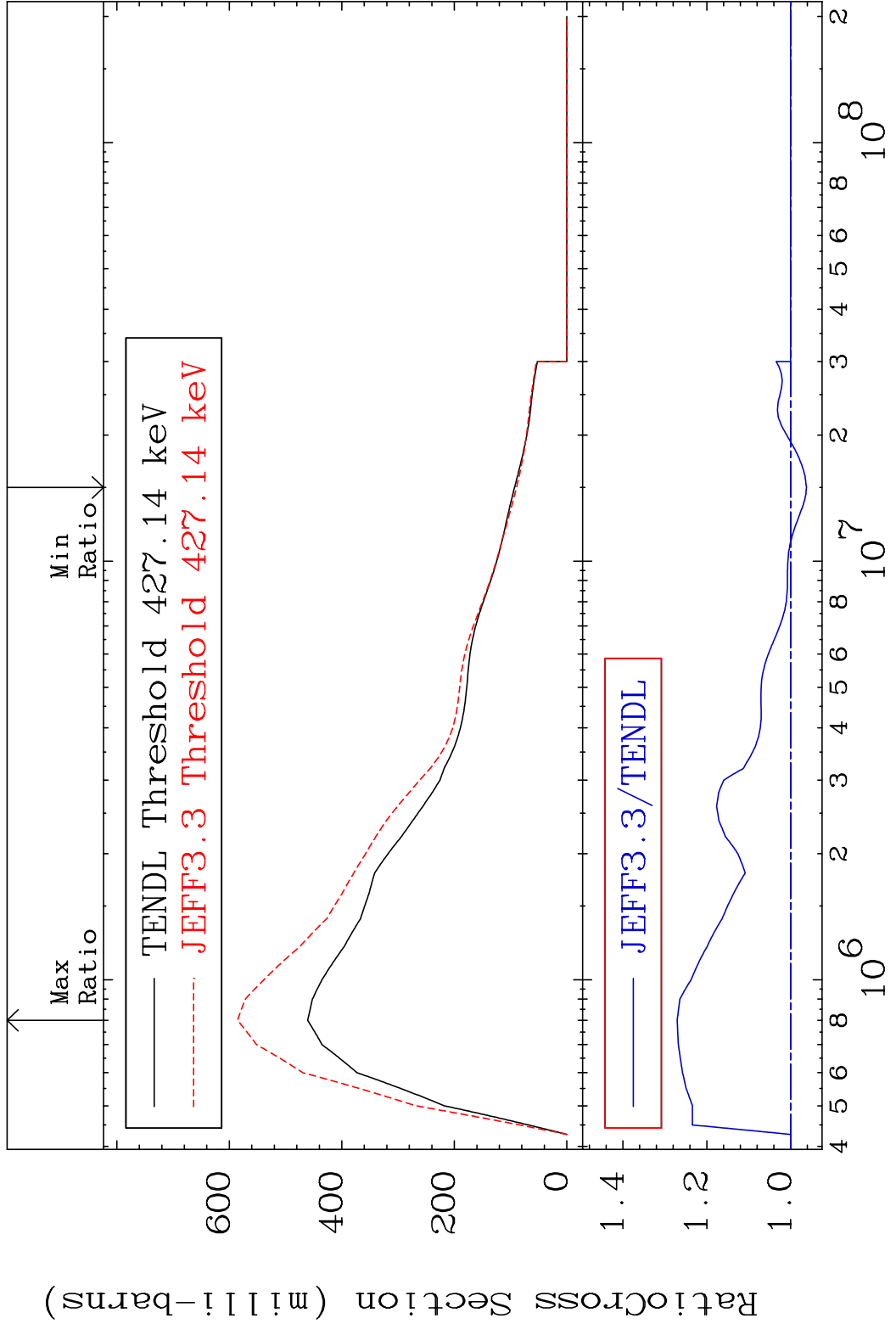


MAT 4725 MT= 53 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 36.39 %

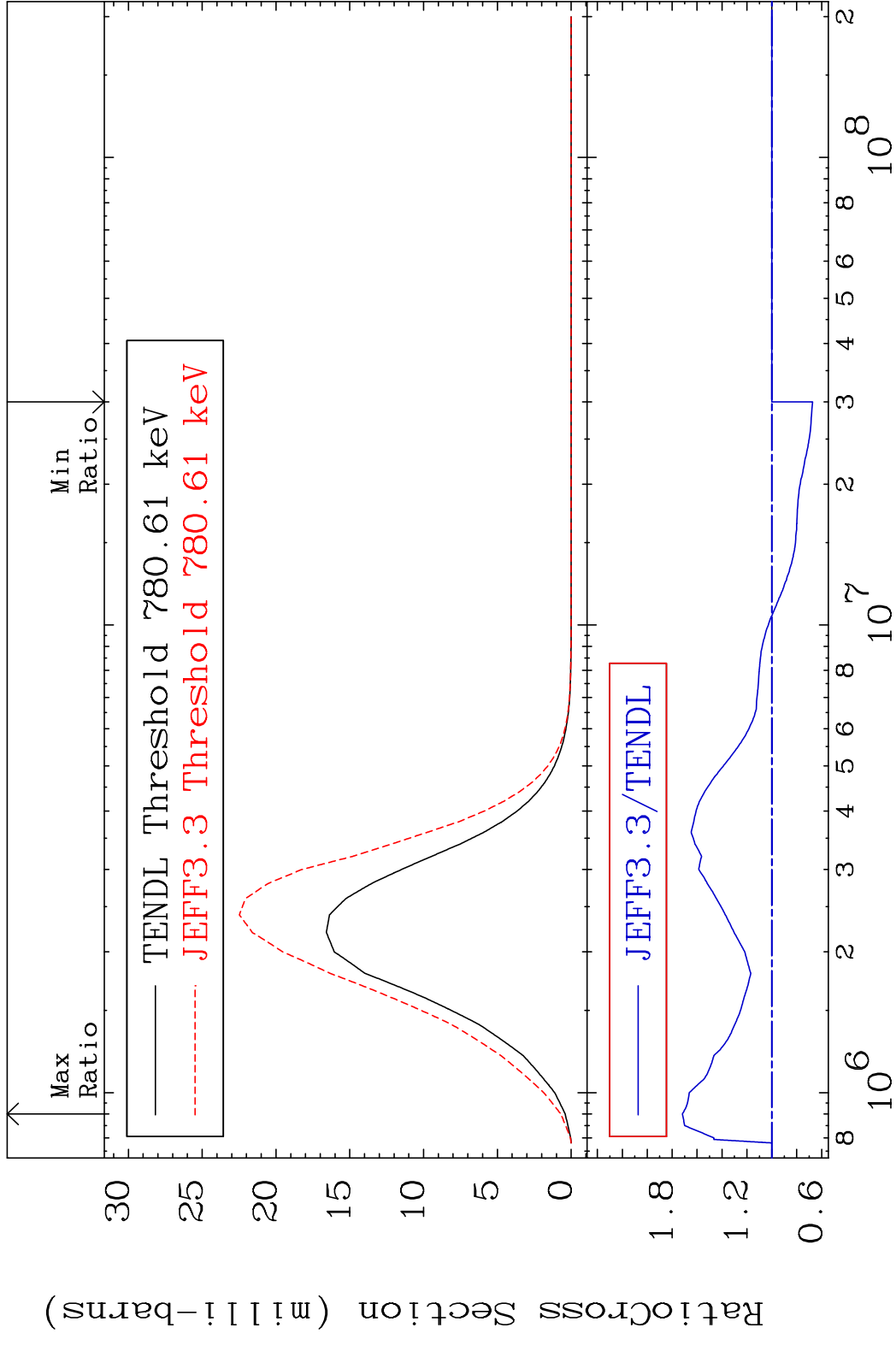




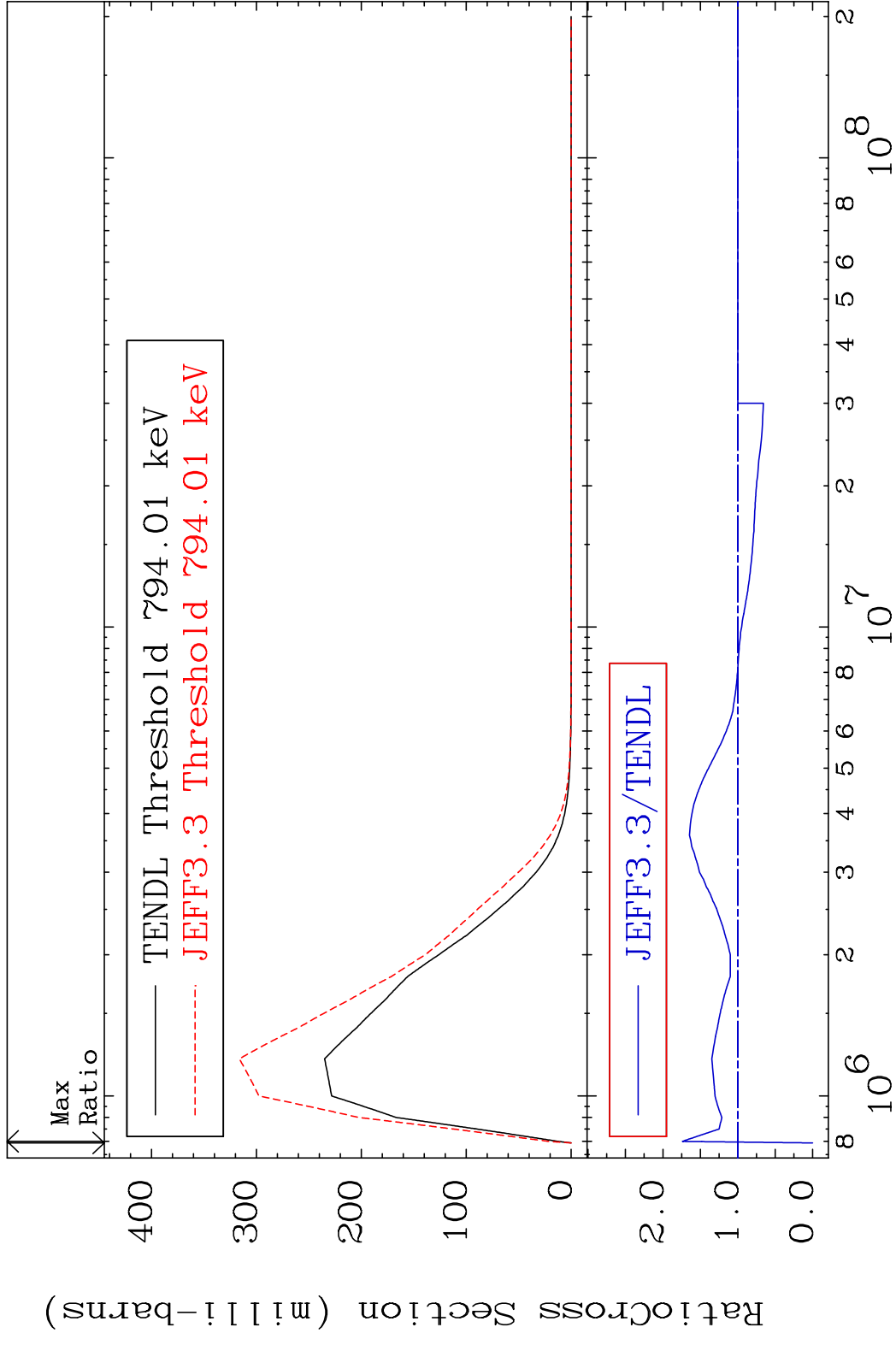
MAT 4725 MT= 54 (n, n') Level 47-Ag-107  
 Cross Section -3.771 To 27.06 %



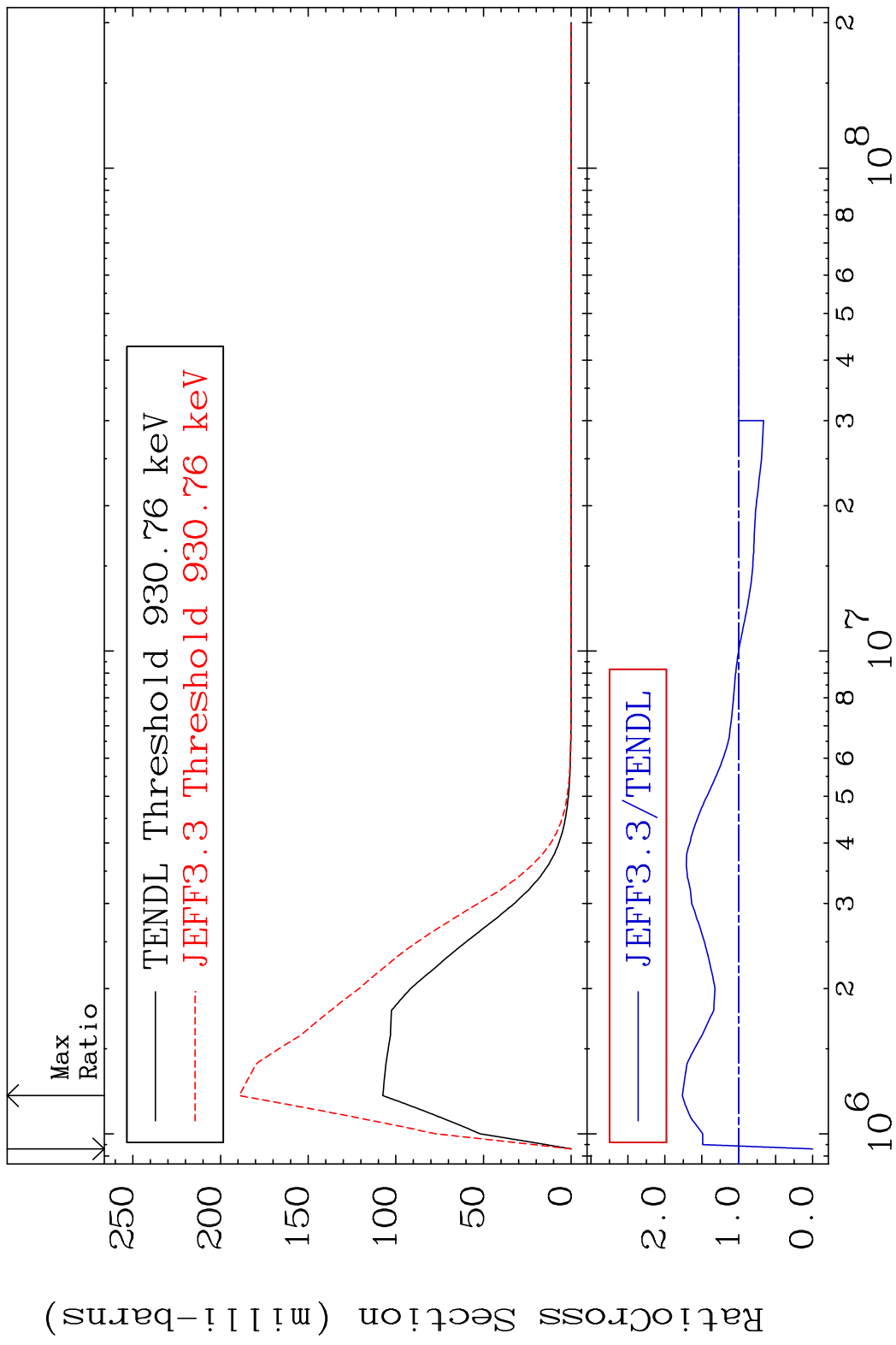
MAT 4725 MT= 55 (n,n') Level 47-Ag-107  
 Cross Section -32.69 To 71.80 %



MAT 4725 MT= 56 (n,n') Level 47-Ag-107  
 Cross Section -100.0 To 73.99 %



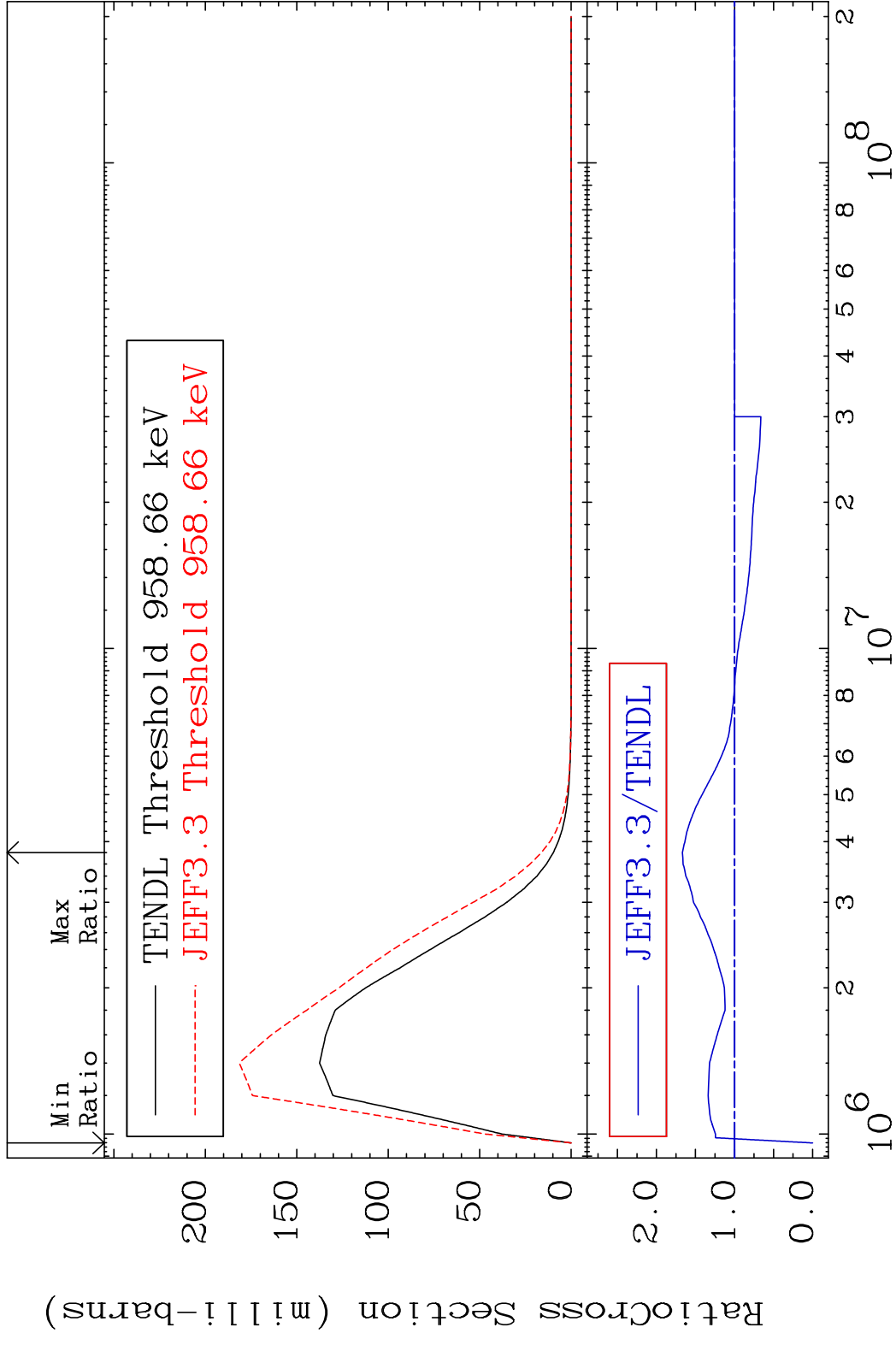
MAT 4725 MT= 57 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 76.19 %



27 Incident Energy (eV) 47-Ag-107

MAT 4725

MT= 58 (n, n') Level 47-Ag-107  
Cross Section -100.0 To 66.82 %

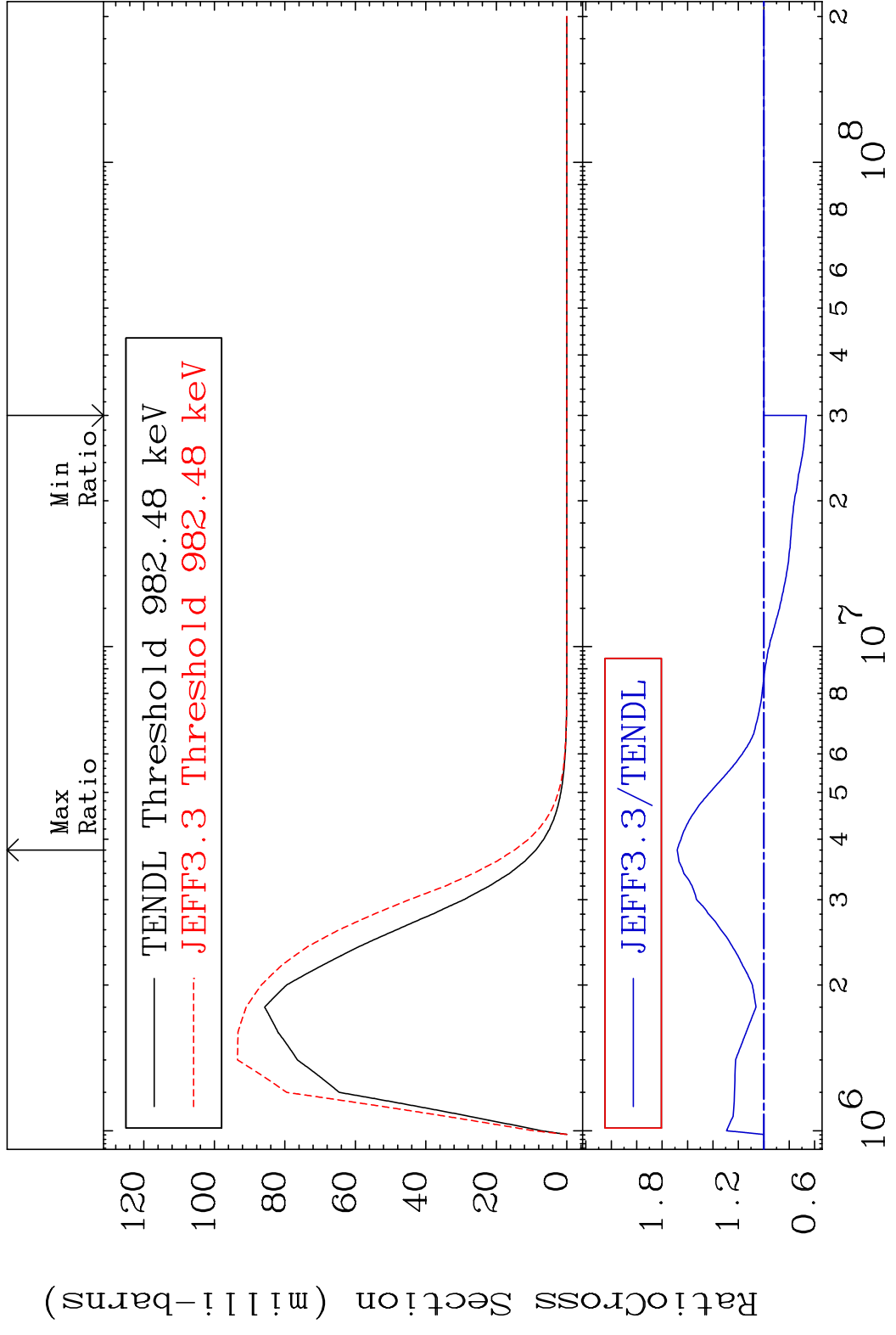


28

Incident Energy (eV)

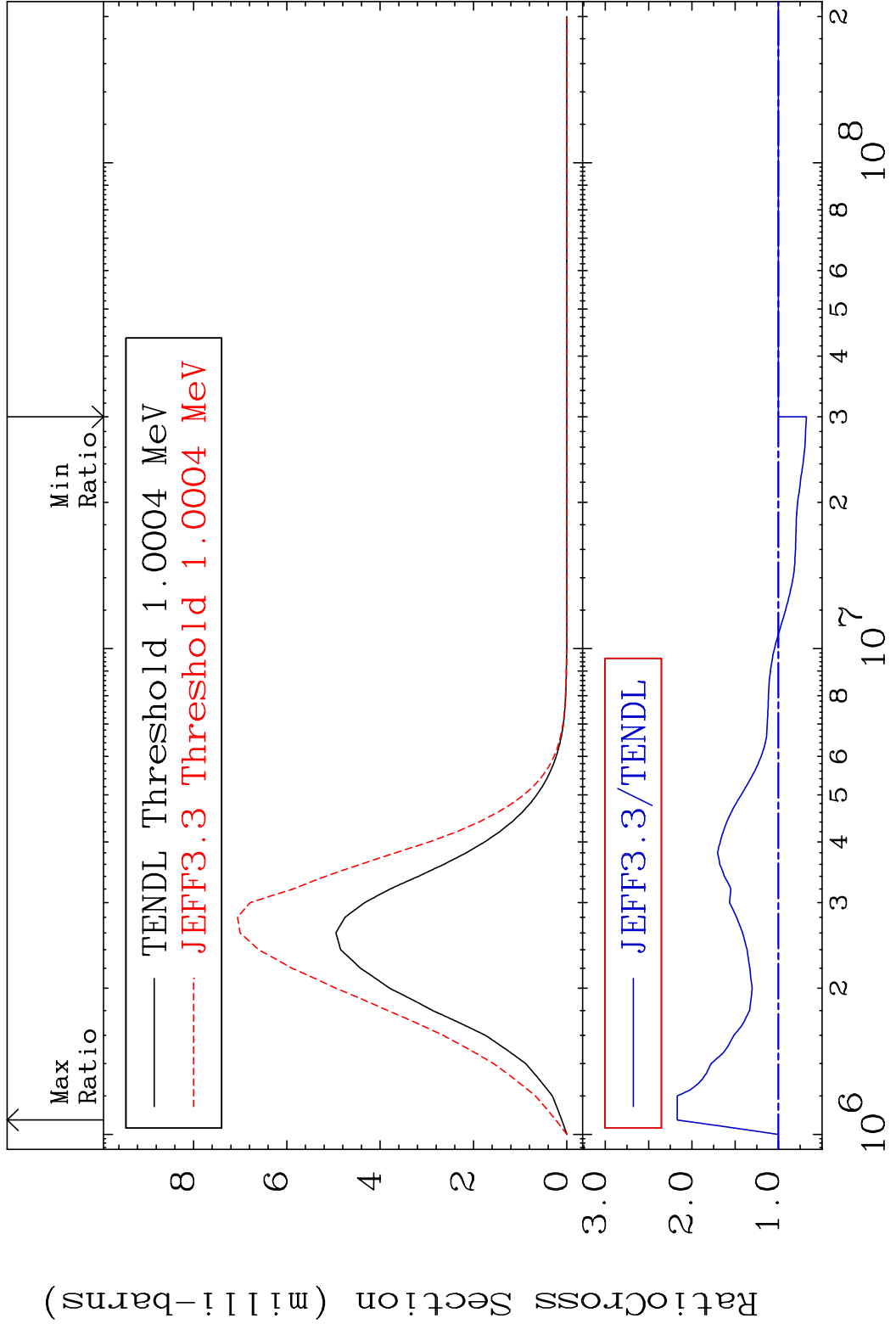
47-Ag-107

MAT 4725 MT= 59 (n, n') Level 47-Ag-107  
 Cross Section -33.51 To 68.16 %



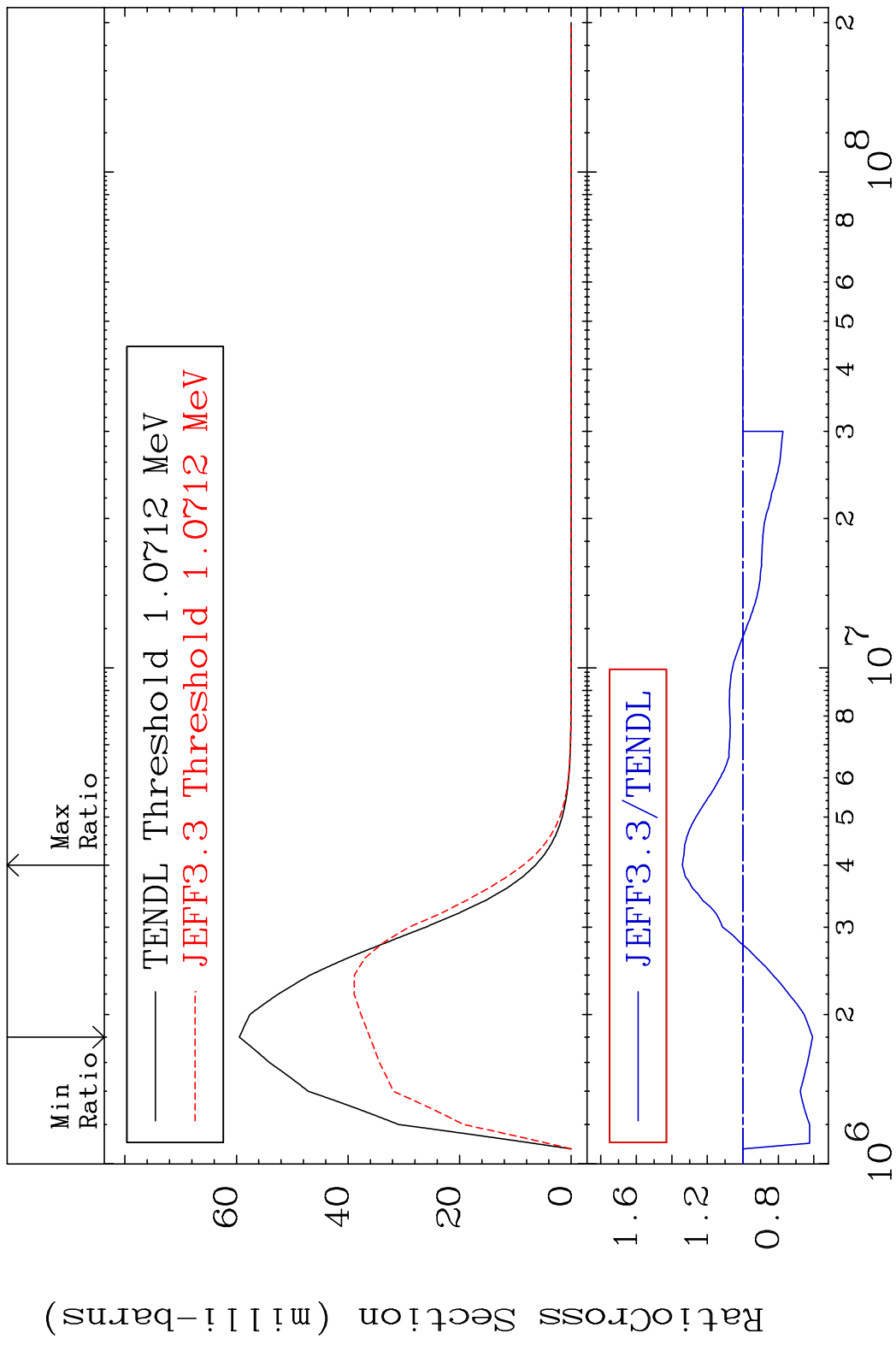
29 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 60 (n, n') Level 47-Ag-107  
 Cross Section -32.25 To 117.0 %



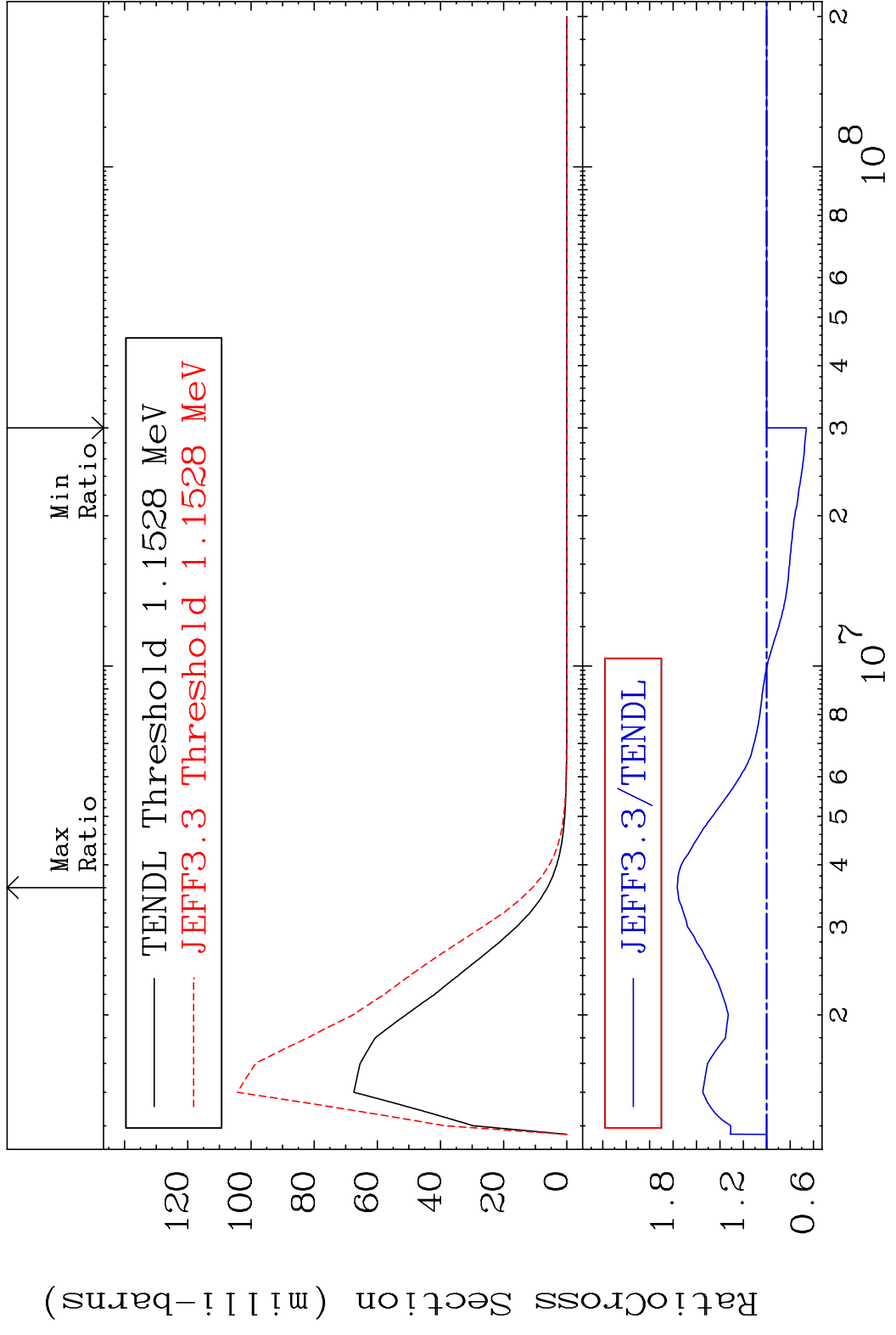
30 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 61 (n, n') Level 47-Ag-107  
 Cross Section -39.31 To 34.07 %

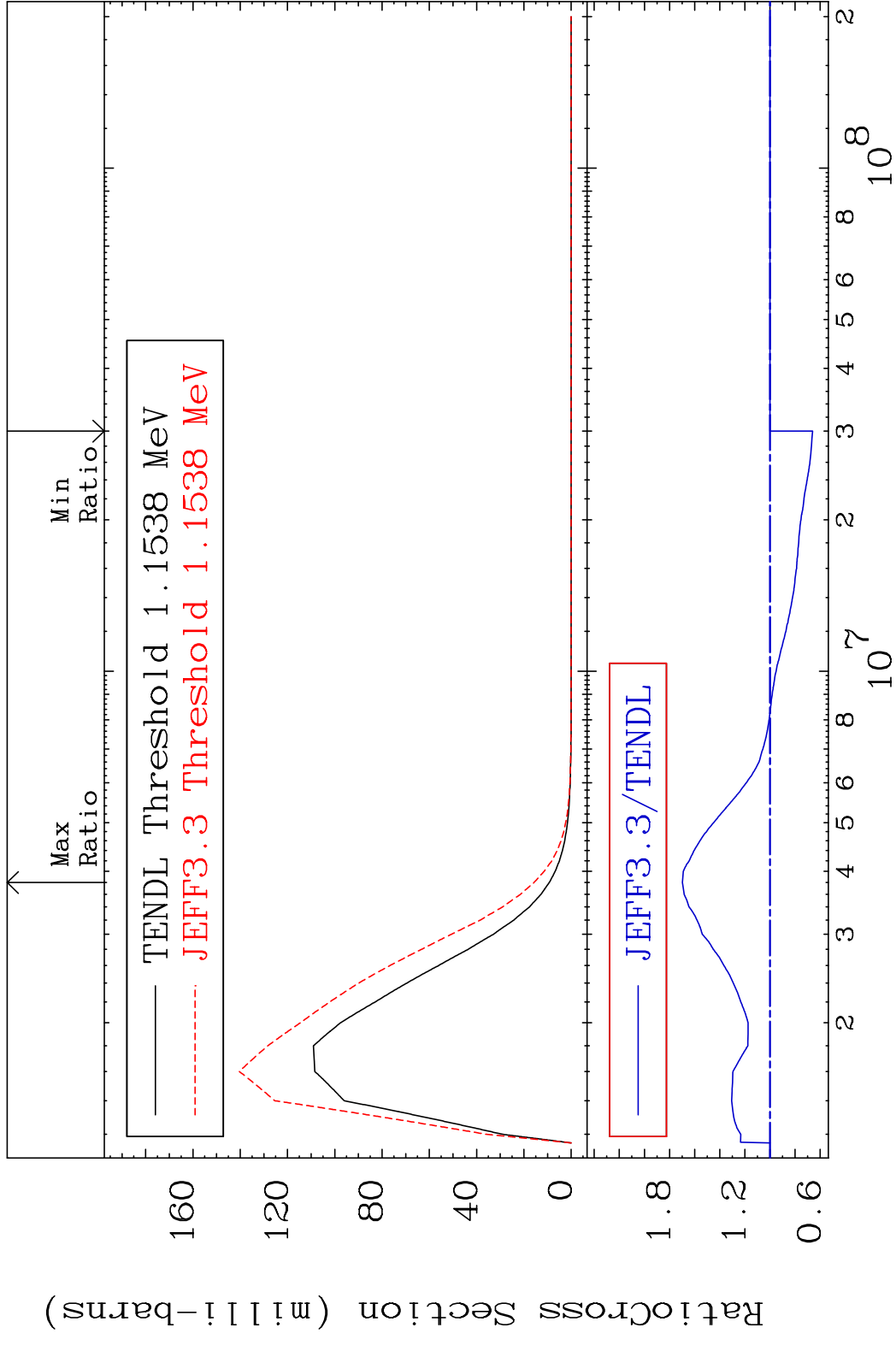




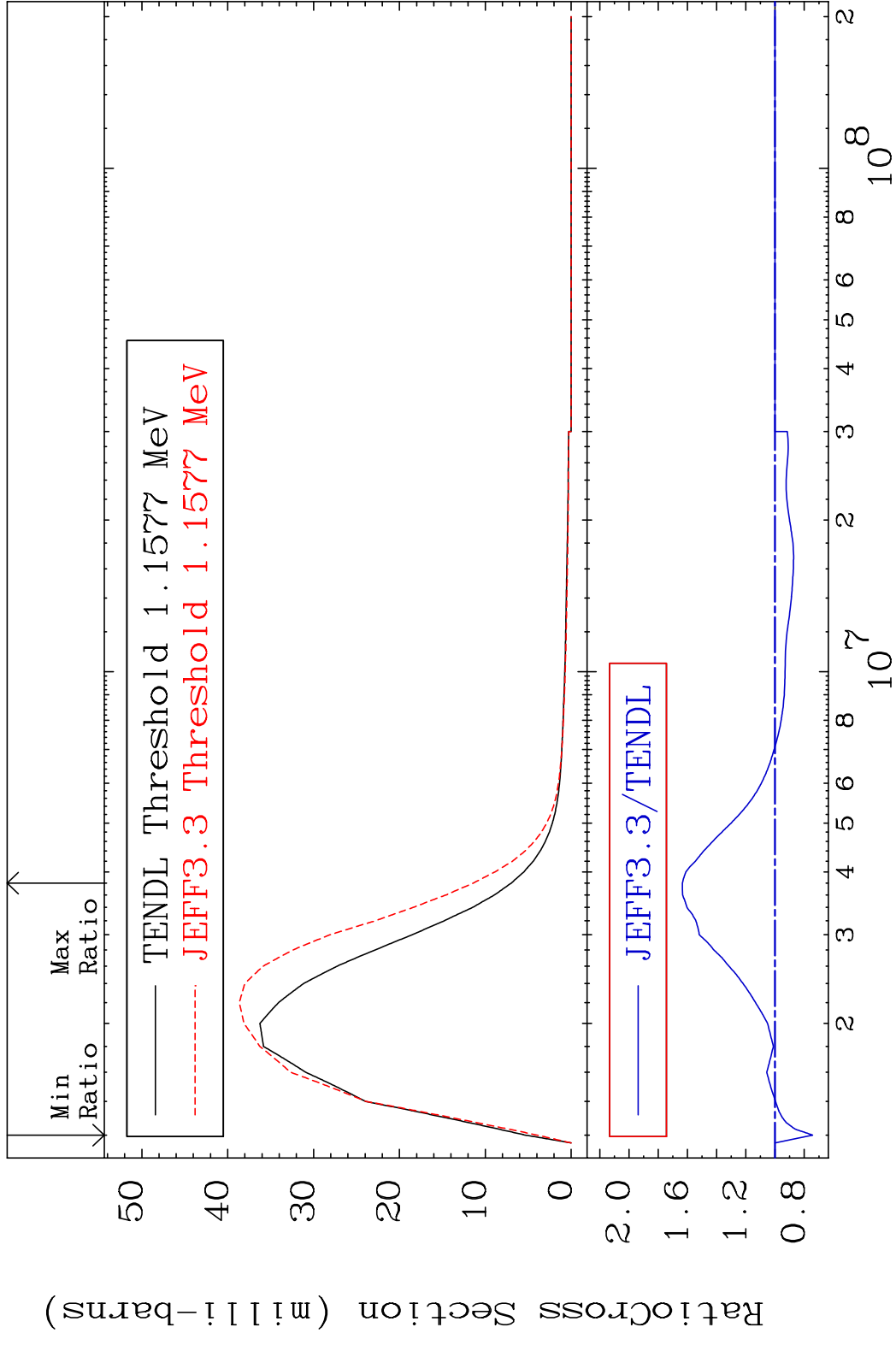
MAT 4725 MT= 62 (n, n') Level 47-Ag-107  
 Cross Section -33.93 To 76.49 %



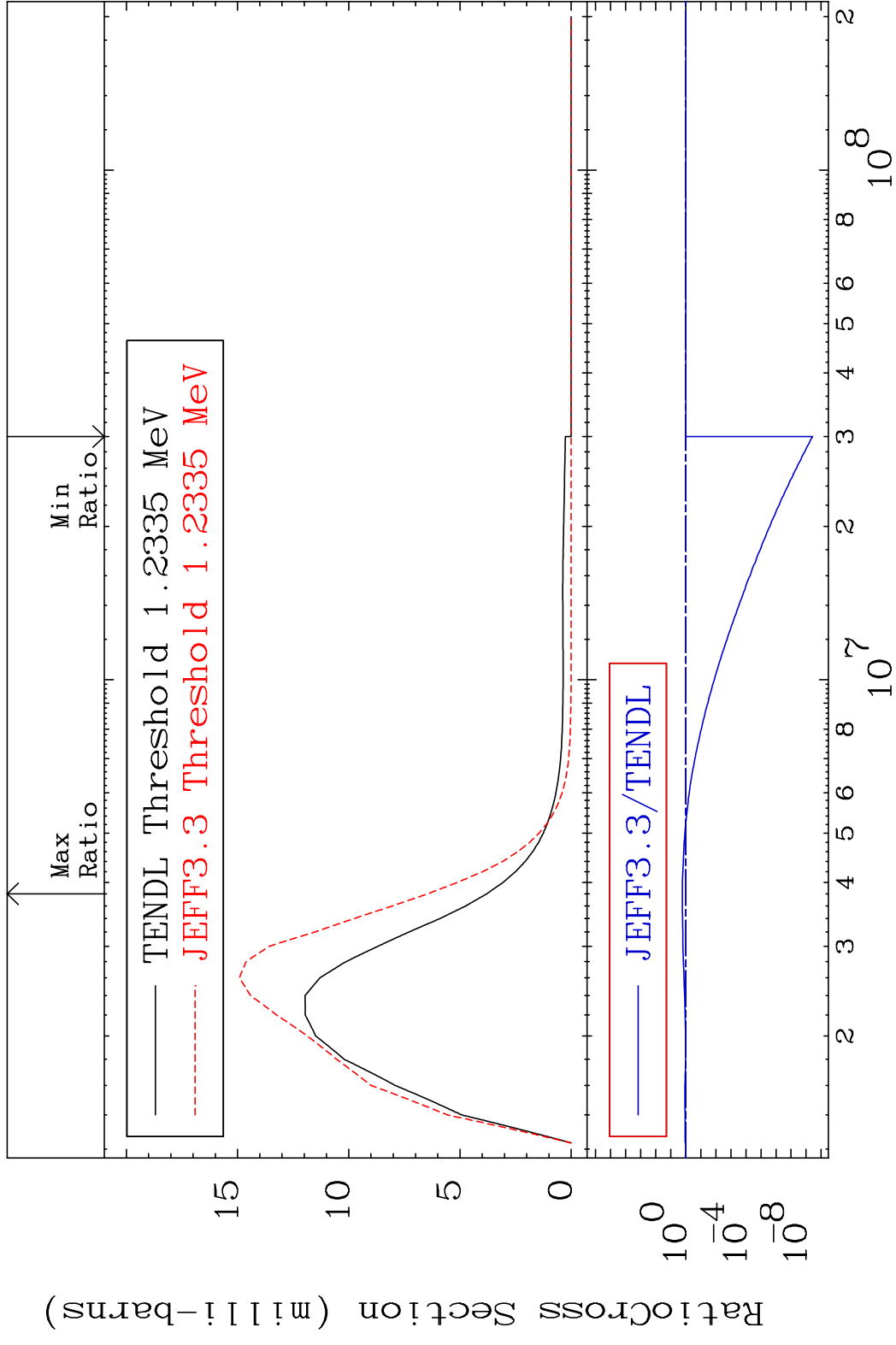
MAT 4725 MT= 63 (n, n') Level 47-Ag-107  
 Cross Section -33.91 To 69.79 %



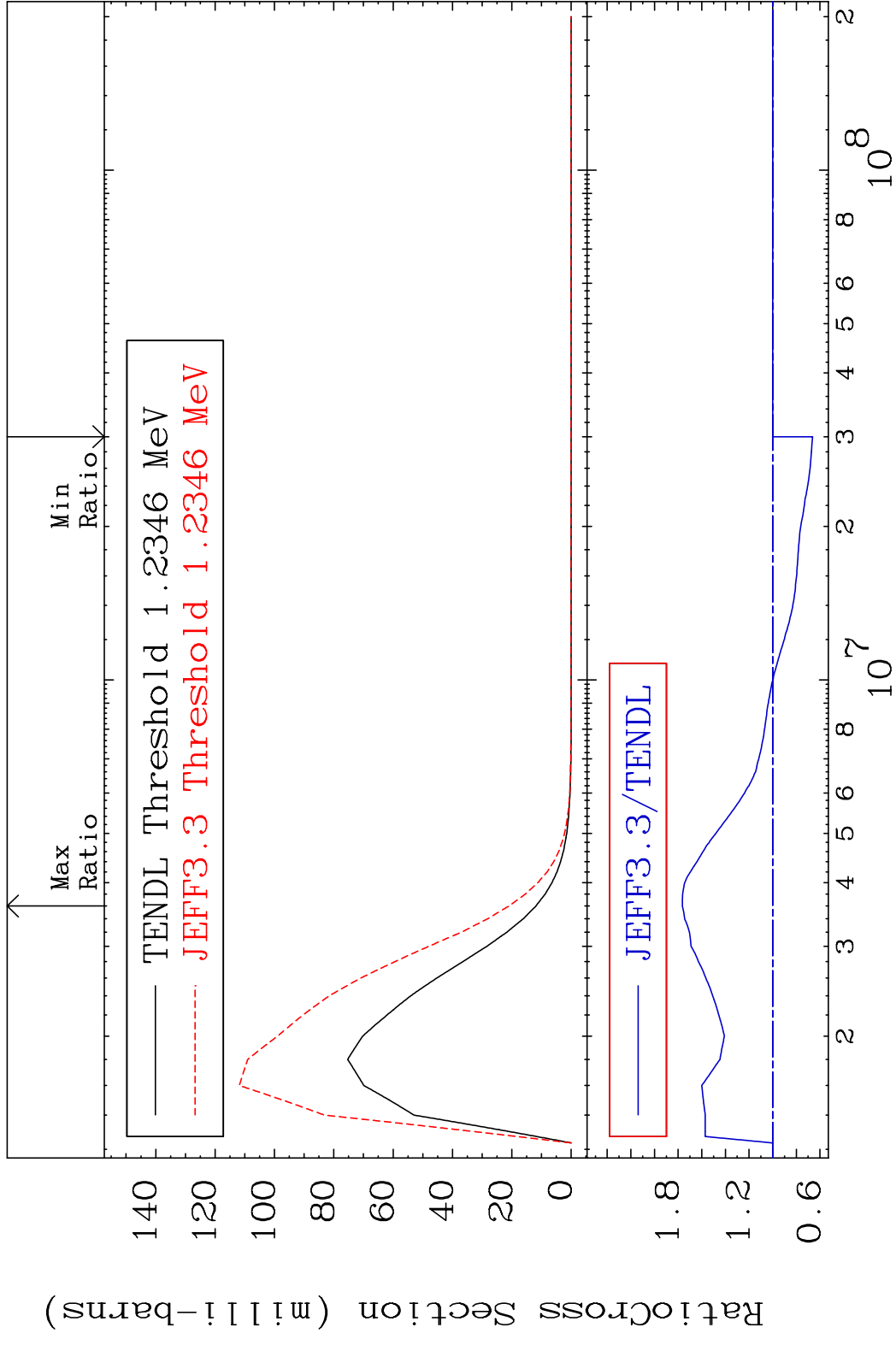
MAT 4725 MT= 64 (n, n') Level 47-Ag-107  
 Cross Section -25.67 To 63.47 %



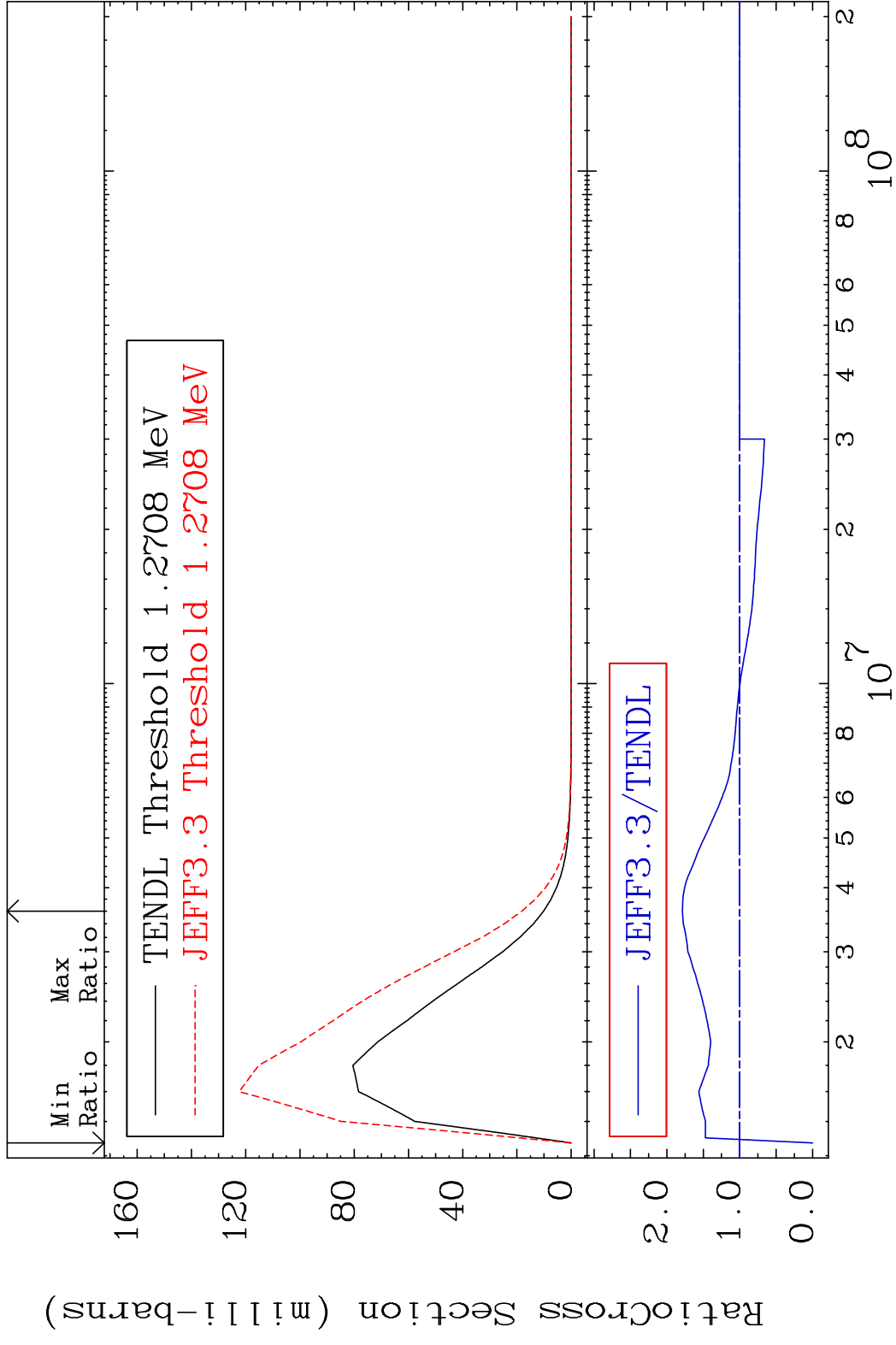
MAT 4725 MT= 65 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 69.89 %



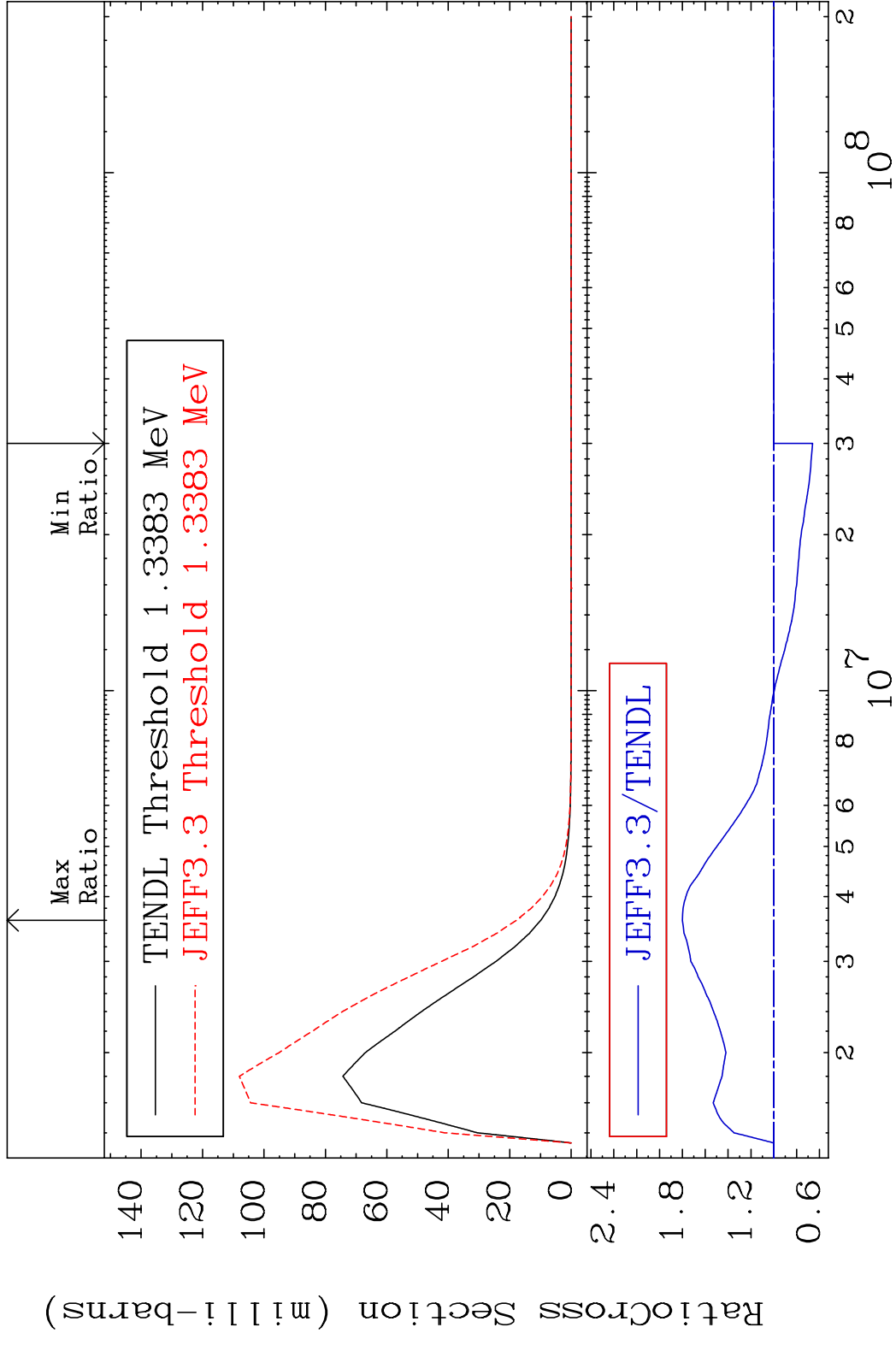
MAT 4725 MT= 66 (n, n') Level 47-Ag-107  
 Cross Section -33.74 To 76.44 %



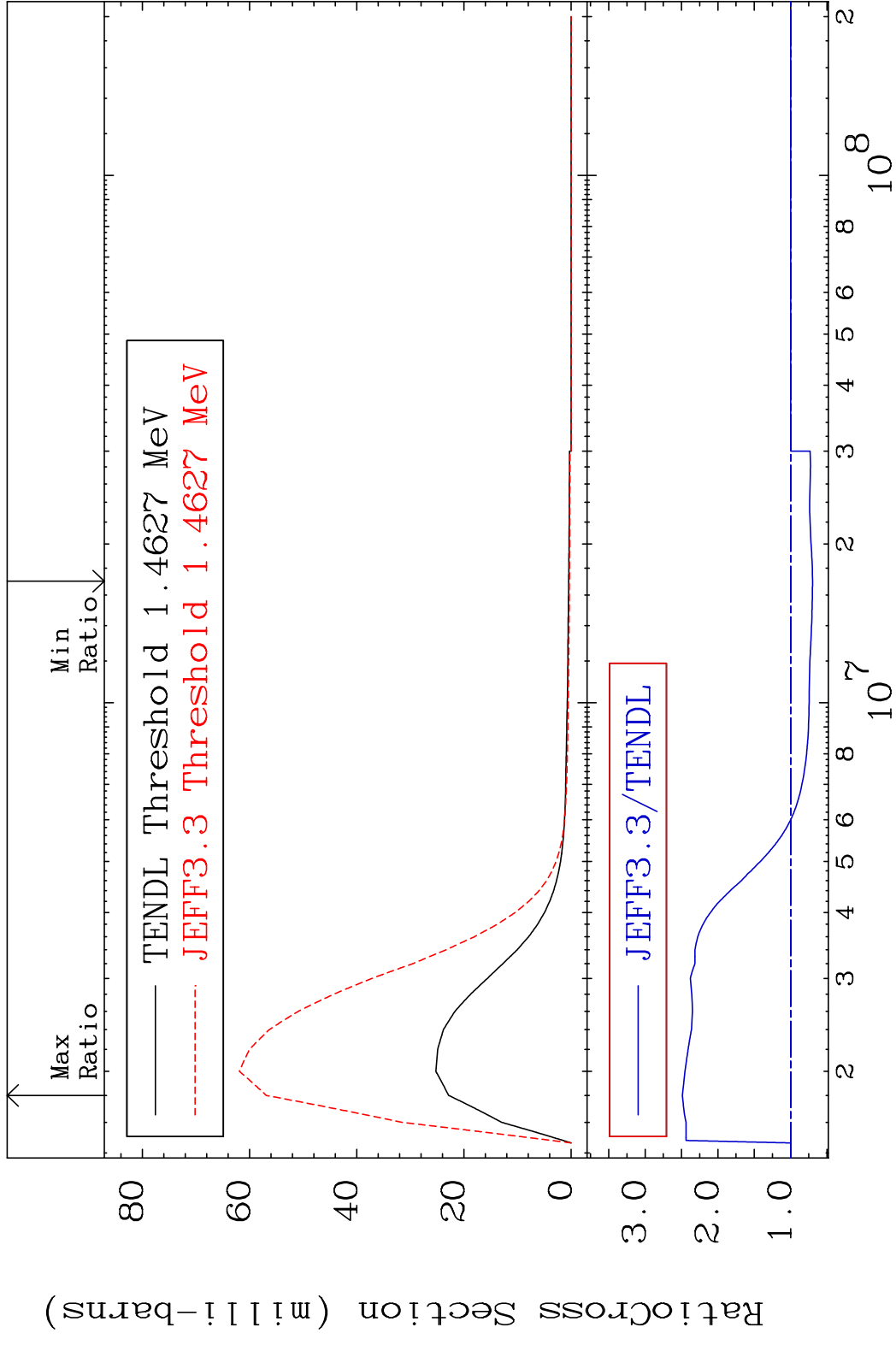
MAT 4725 MT= 67 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 78.74 %



MAT 4725 MT= 68 (n, n') Level 47-Ag-107  
 Cross Section -33.93 To 80.03 %

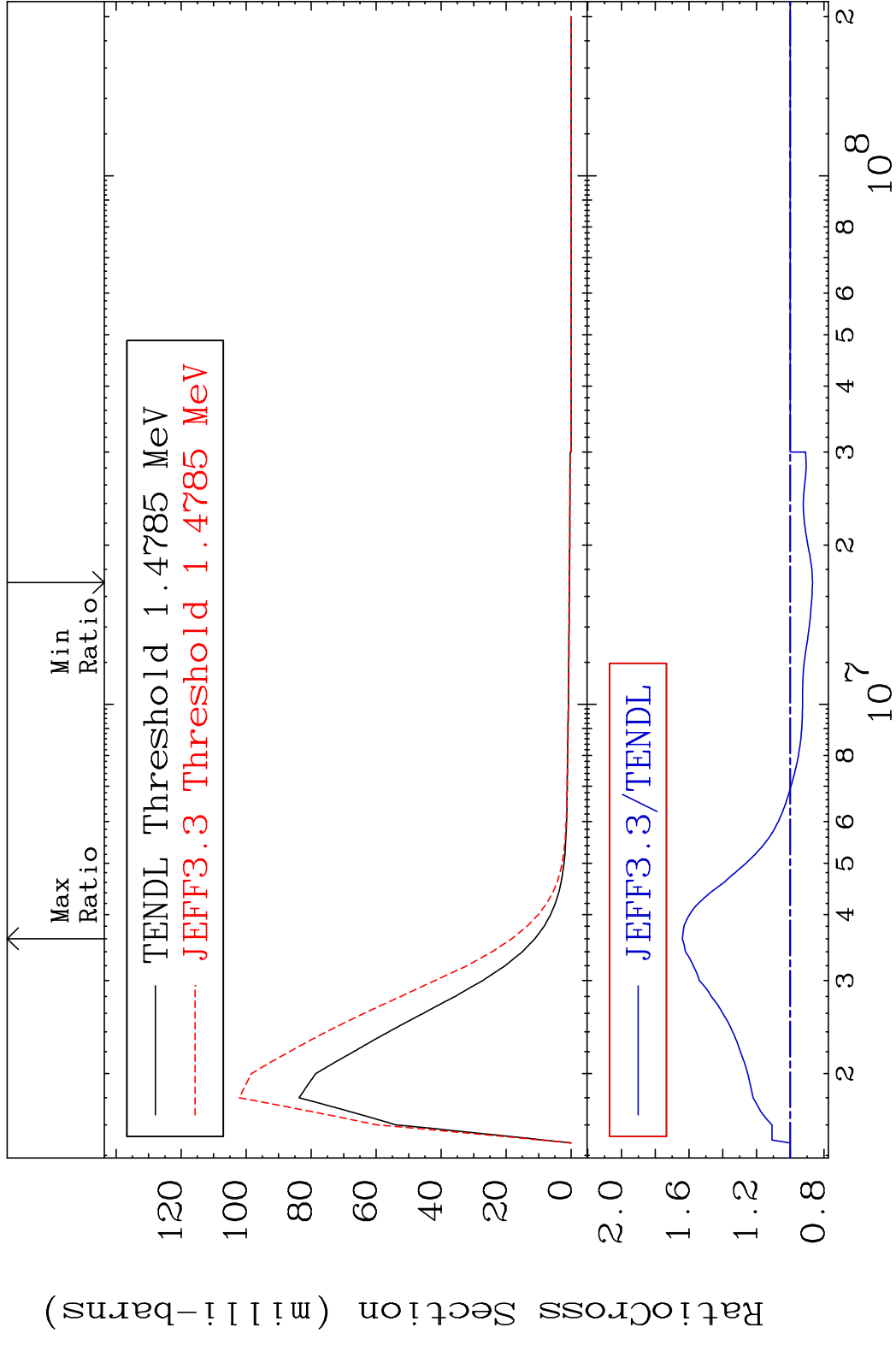


MAT 4725 MT= 69 (n, n') Level 47-Ag-107  
 Cross Section -30.14 To 148.8 %



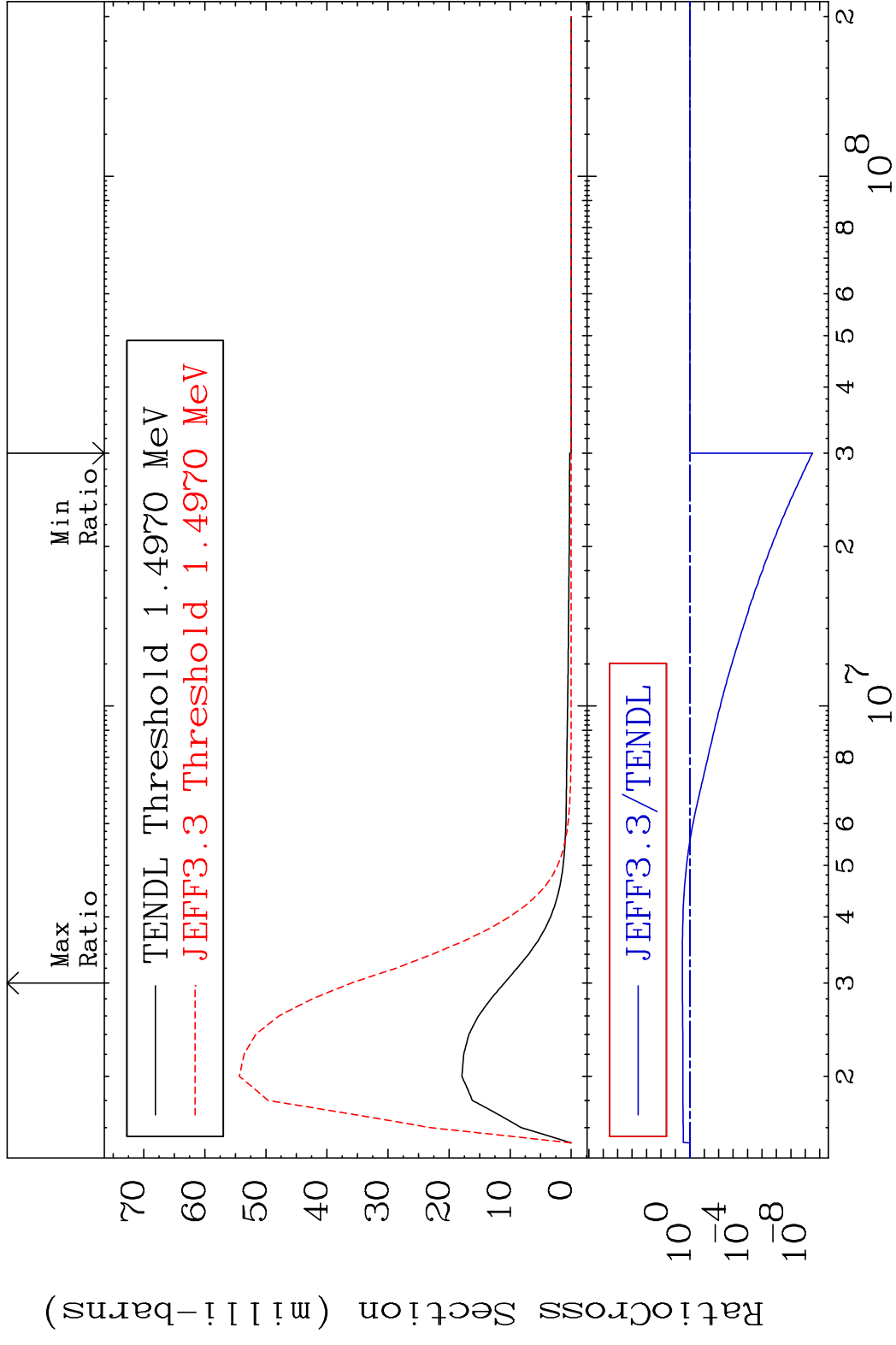


MAT 4725 MT= 70 (n,n') Level 47-Ag-107  
 Cross Section -13.26 To 63.95 %

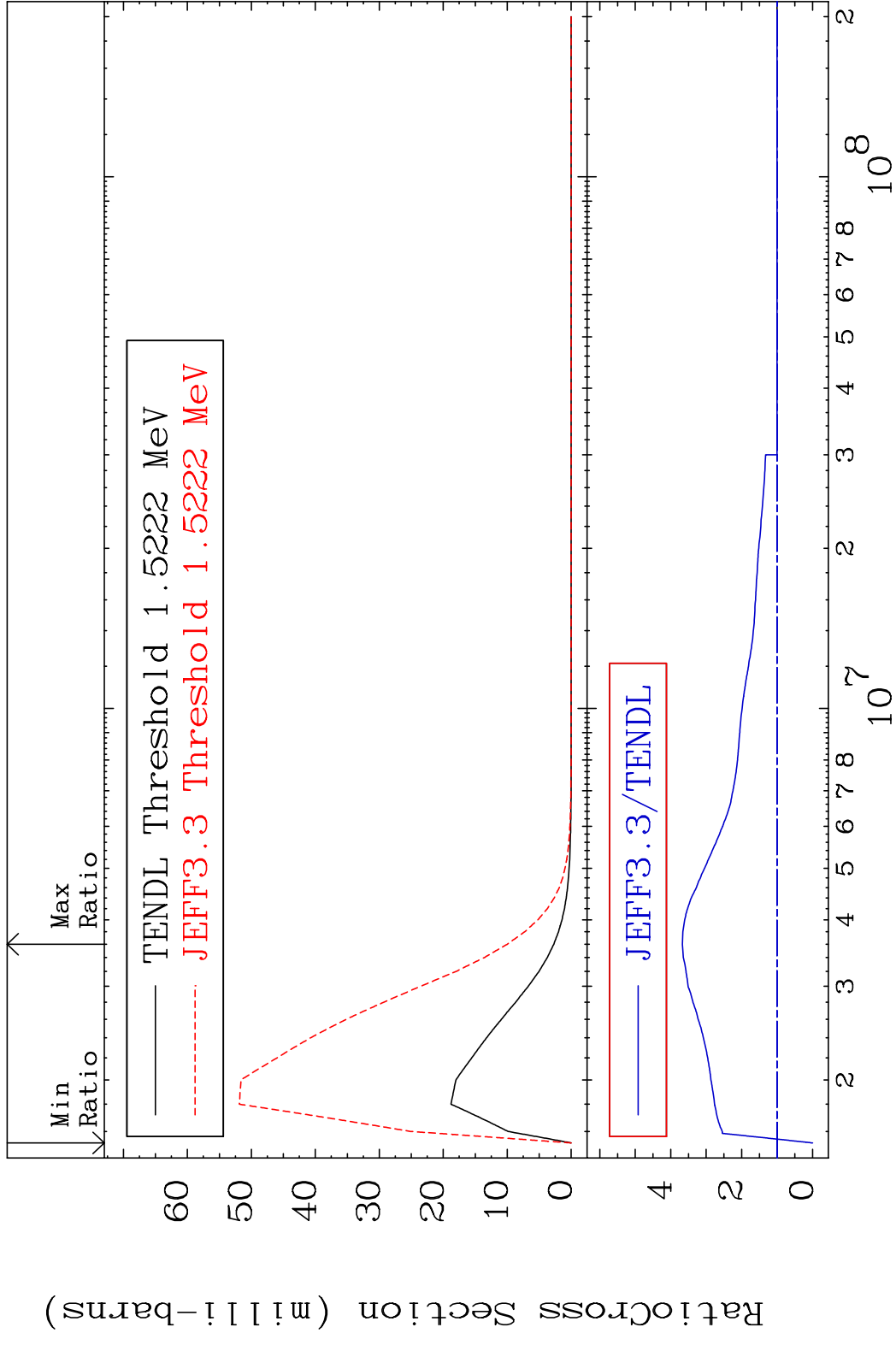


40 Incident Energy (eV) 47-Ag-107

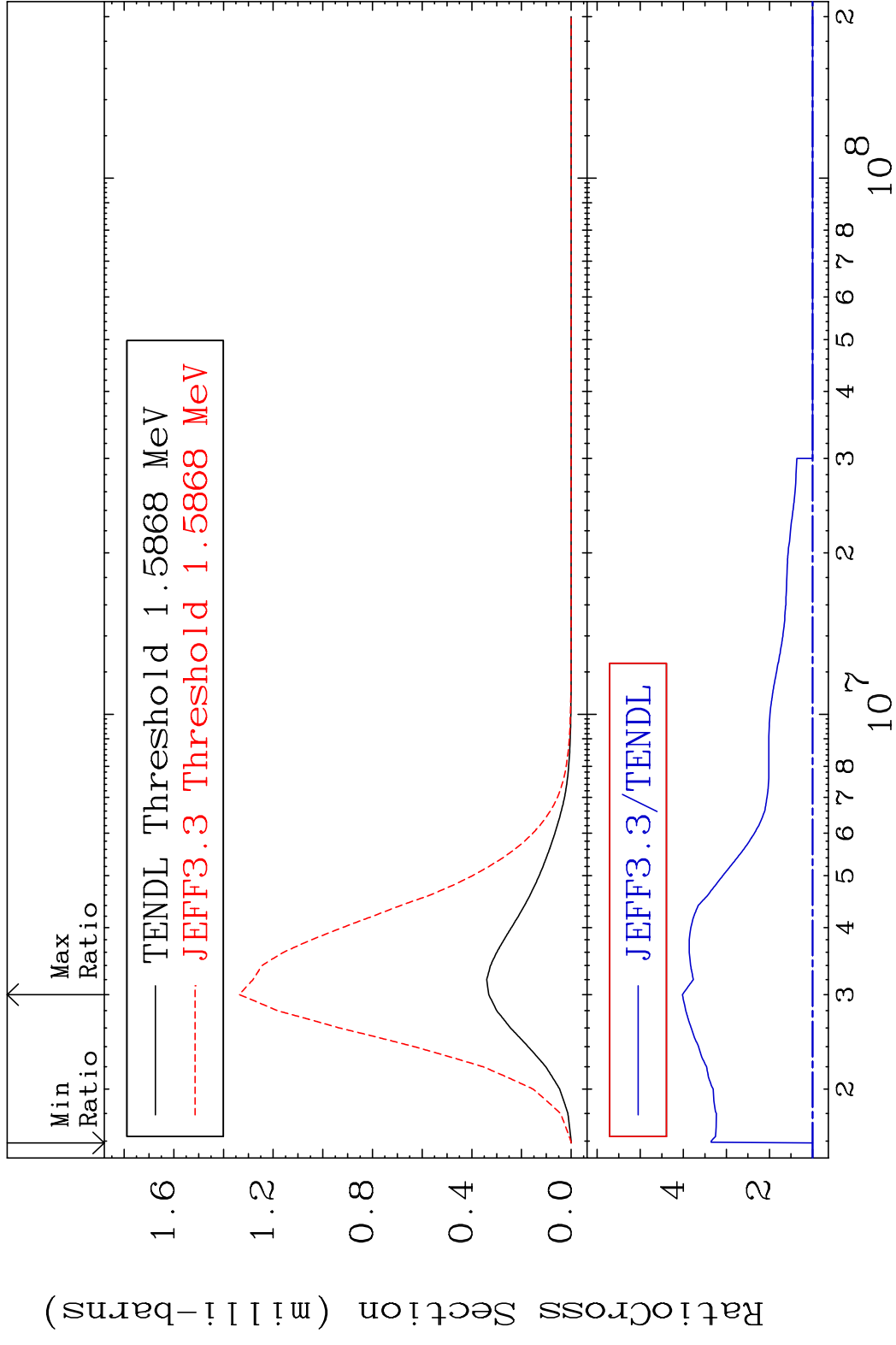
MAT 4725 MT= 71 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 229.3 %



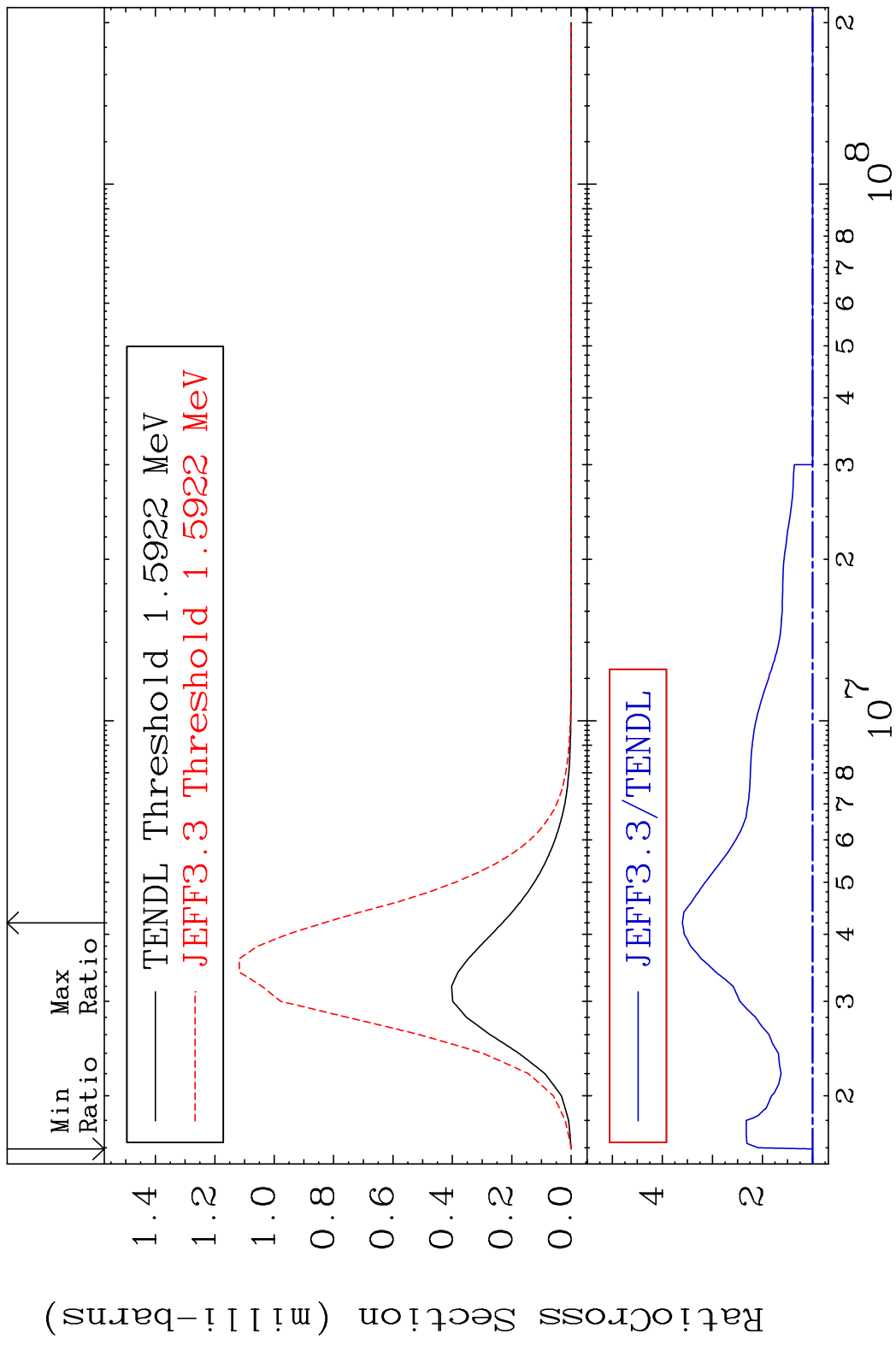
MAT 4725 MT= 72 (n, n') Level 47-Ag-107  
 Cross Section -100.0 To 267.2 %



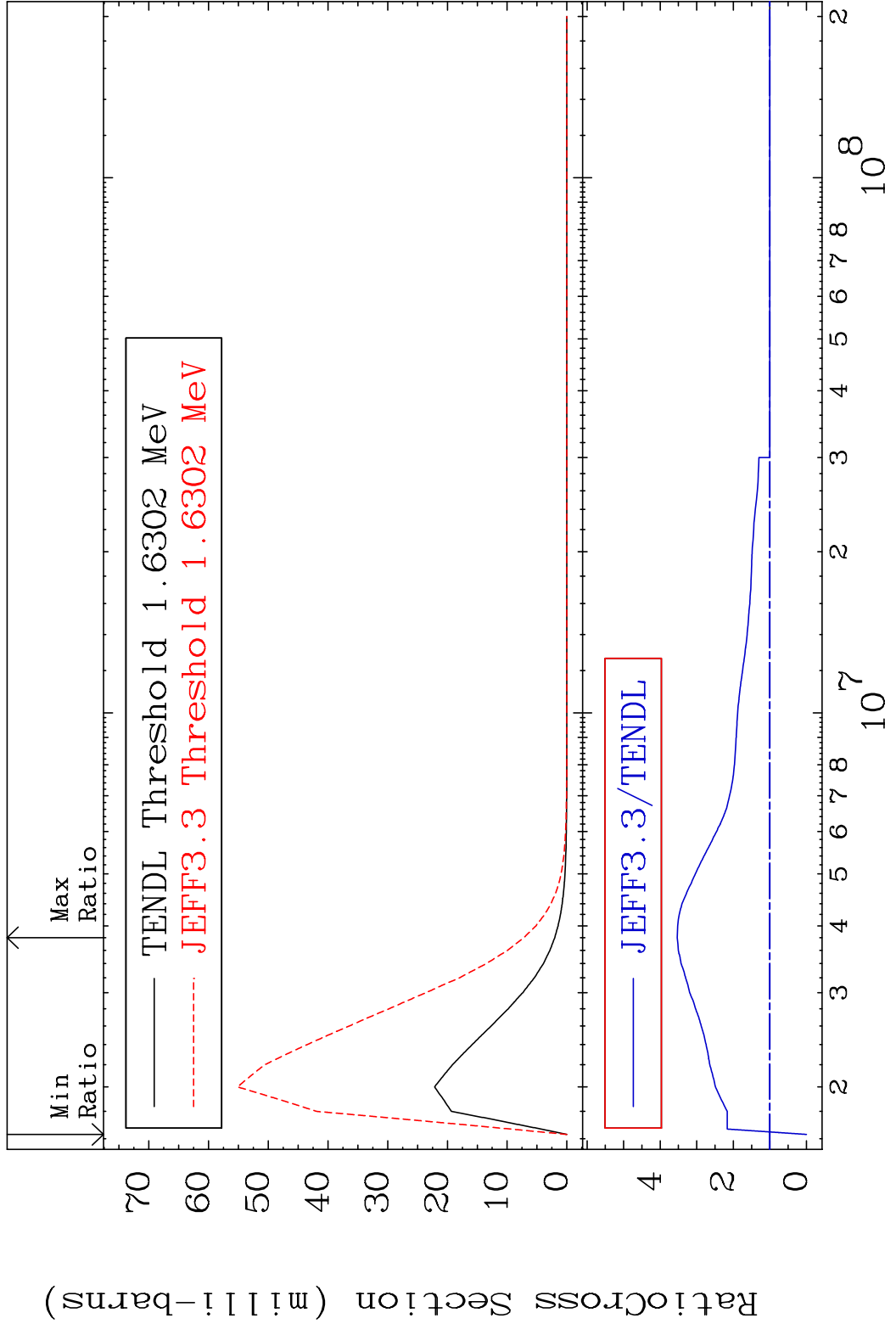
MAT 4725 MT= 73 (n, n') Level 47-Ag-107  
 Cross Section 0.000 To 302.3 %



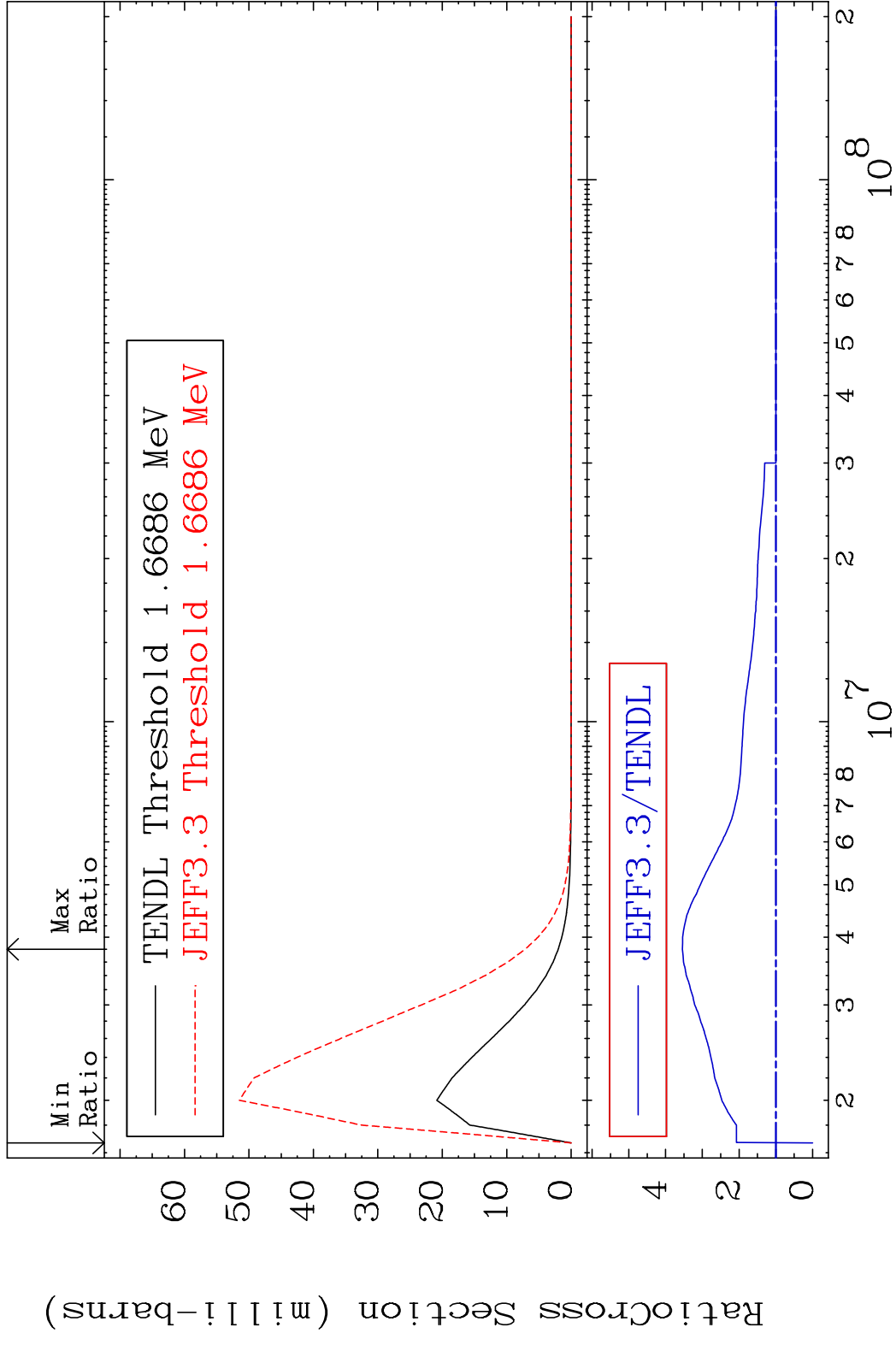
MAT 4725 MT= 74 (n,n') Level 47-Ag-107  
 Cross Section 0.000 To 260.1 %



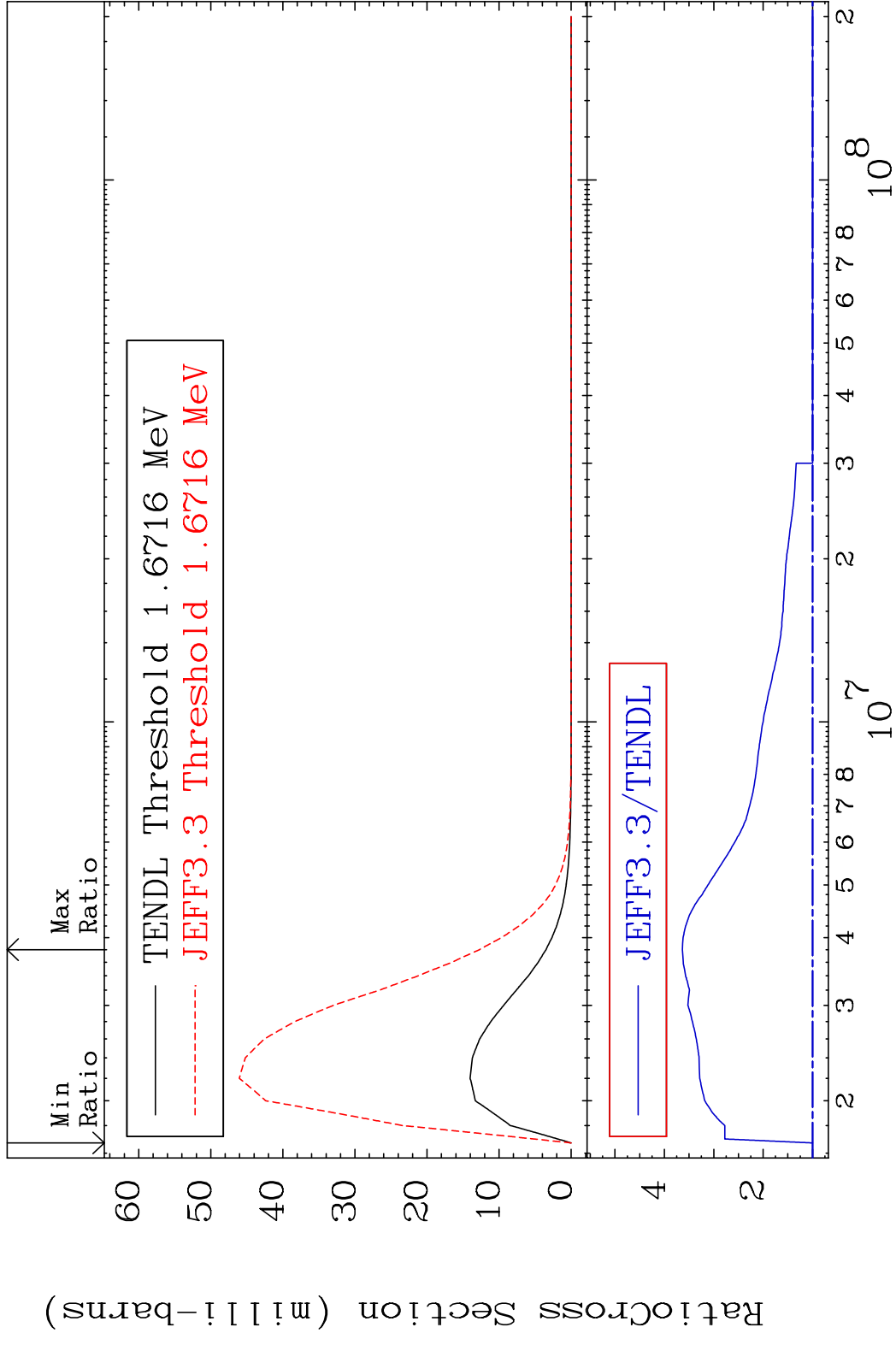
MAT 4725 MT= 75 (n,n') Level 47-Ag-107  
 Cross Section -100.0 To 253.5 %



MAT 4725 MT= 76 (n,n') Level 47-Ag-107  
 Cross Section -100.0 To 254.4 %



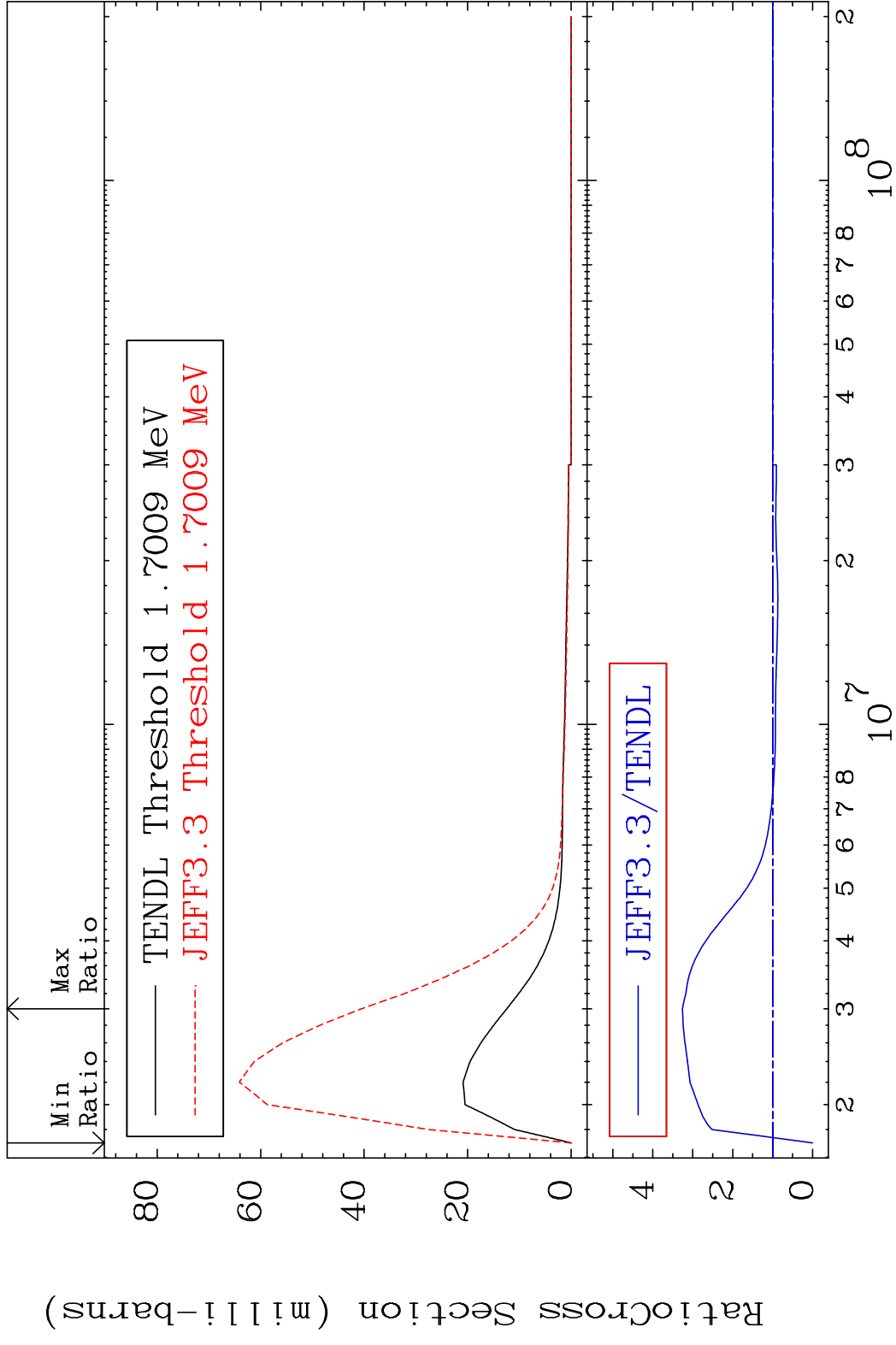
MAT 4725 MT= 77 (n, n') Level 47-Ag-107  
 Cross Section 0.000 To 263.6 %



47 Incident Energy (eV) 47-Ag-107

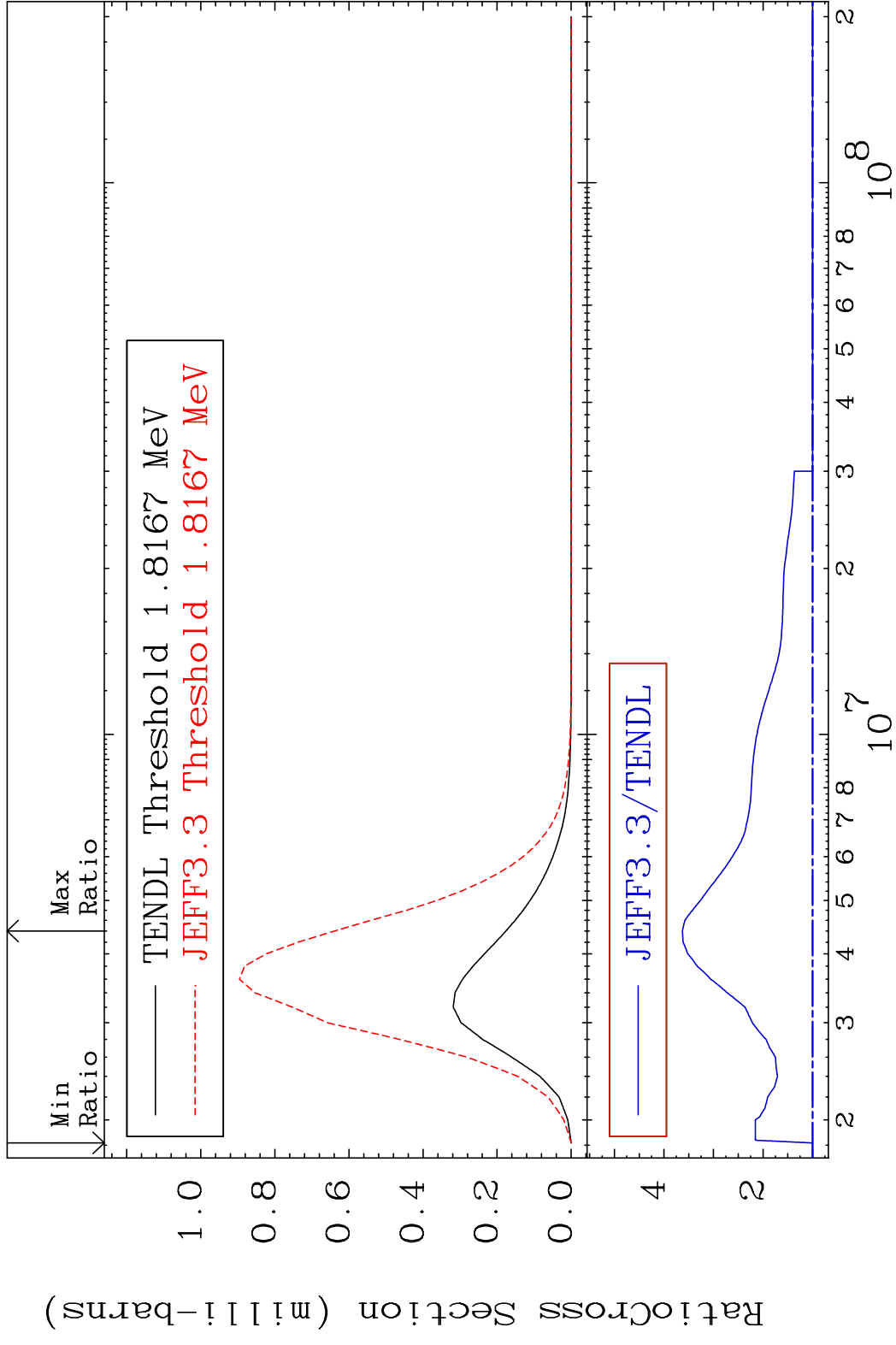


MAT 4725 MT= 78 (n,n') Level 47-Ag-107  
 Cross Section -100.0 To 226.0 %



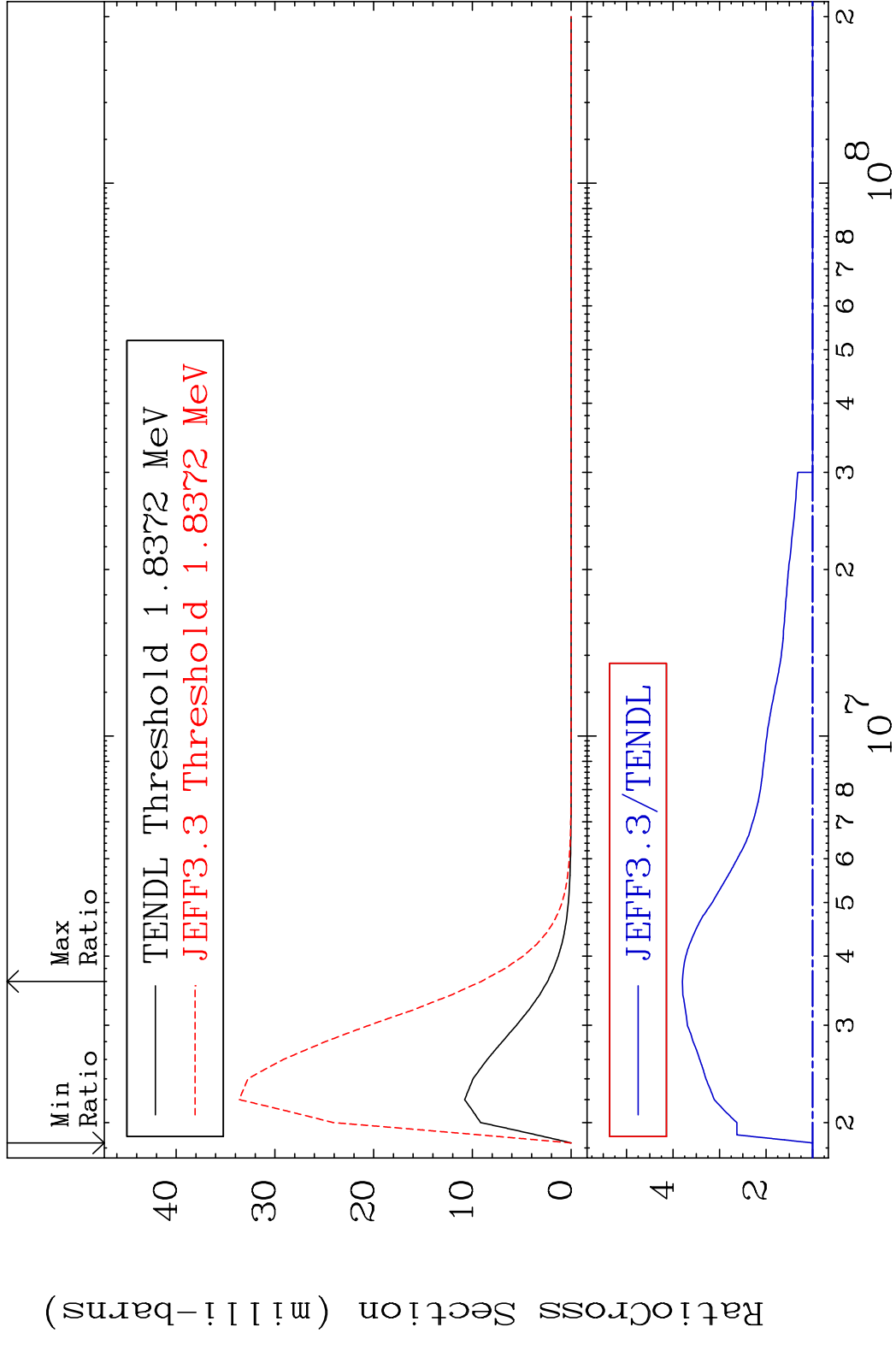
48 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 79 (n,n') Level 47-Ag-107  
 Cross Section 0.000 To 262.8 %



49 Incident Energy (eV) 47-Ag-107

MAT 4725 MT= 80 (n, n') Level 47-Ag-107  
 Cross Section 0.000 To 280.1 %

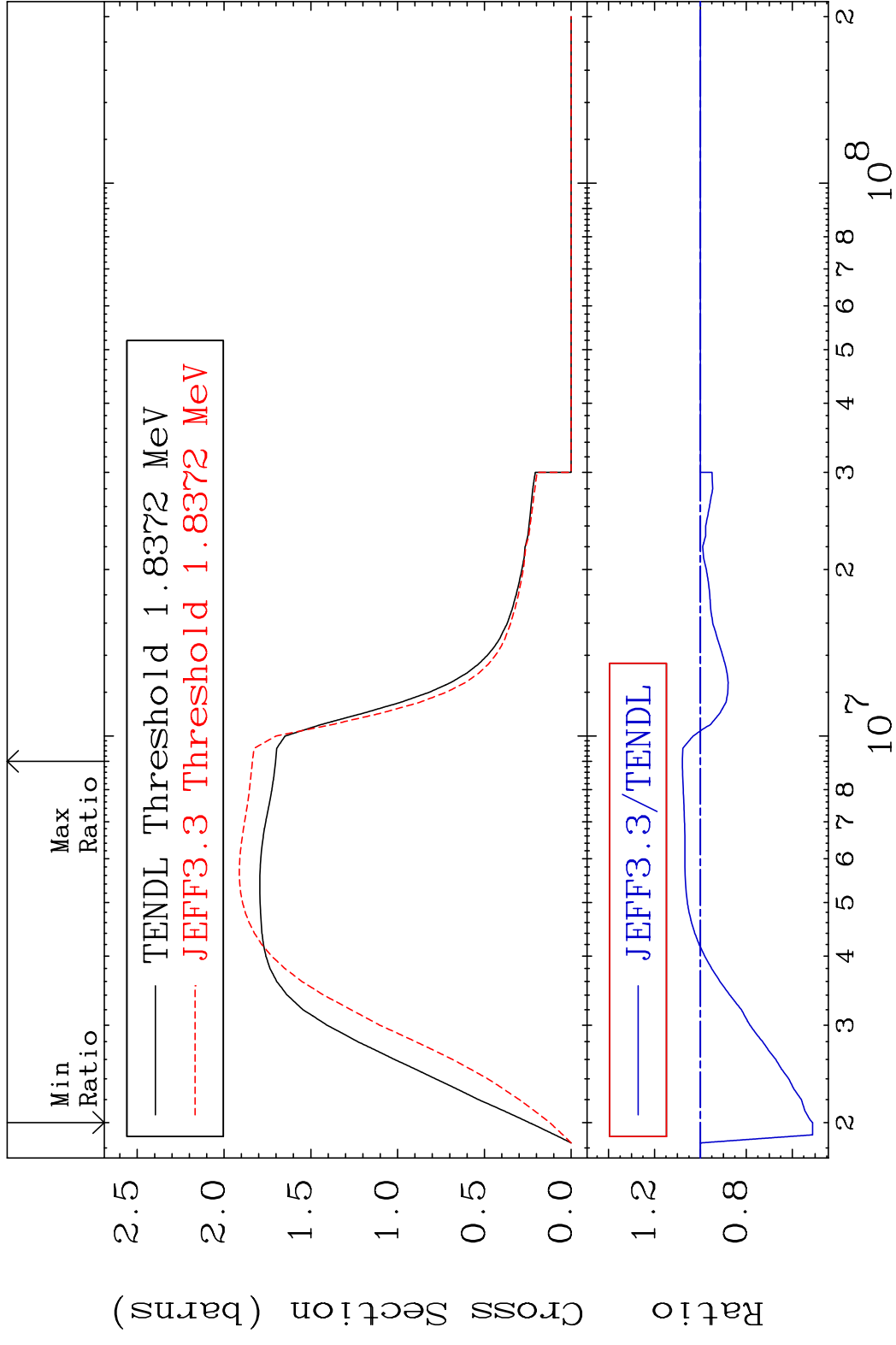


MAT 4725

(n, n') Continuum

47-Ag-107

Cross Section -48.85 To 7.853 %

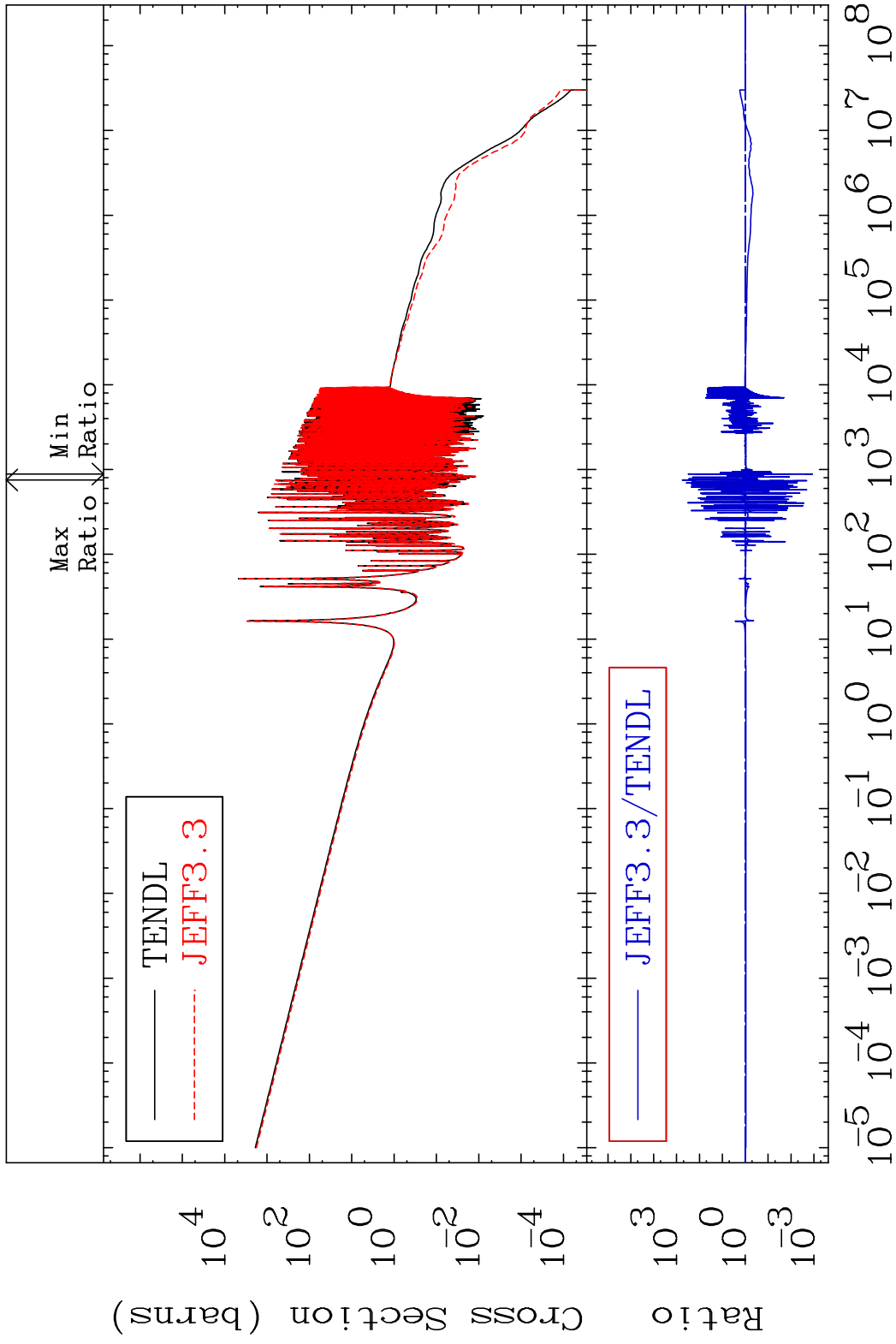


MAT 4725

(n,  $\gamma$ )

47-Ag-107

Cross Section -99.88 To 9999. %



52

Incident Energy (eV)

47-Ag-107

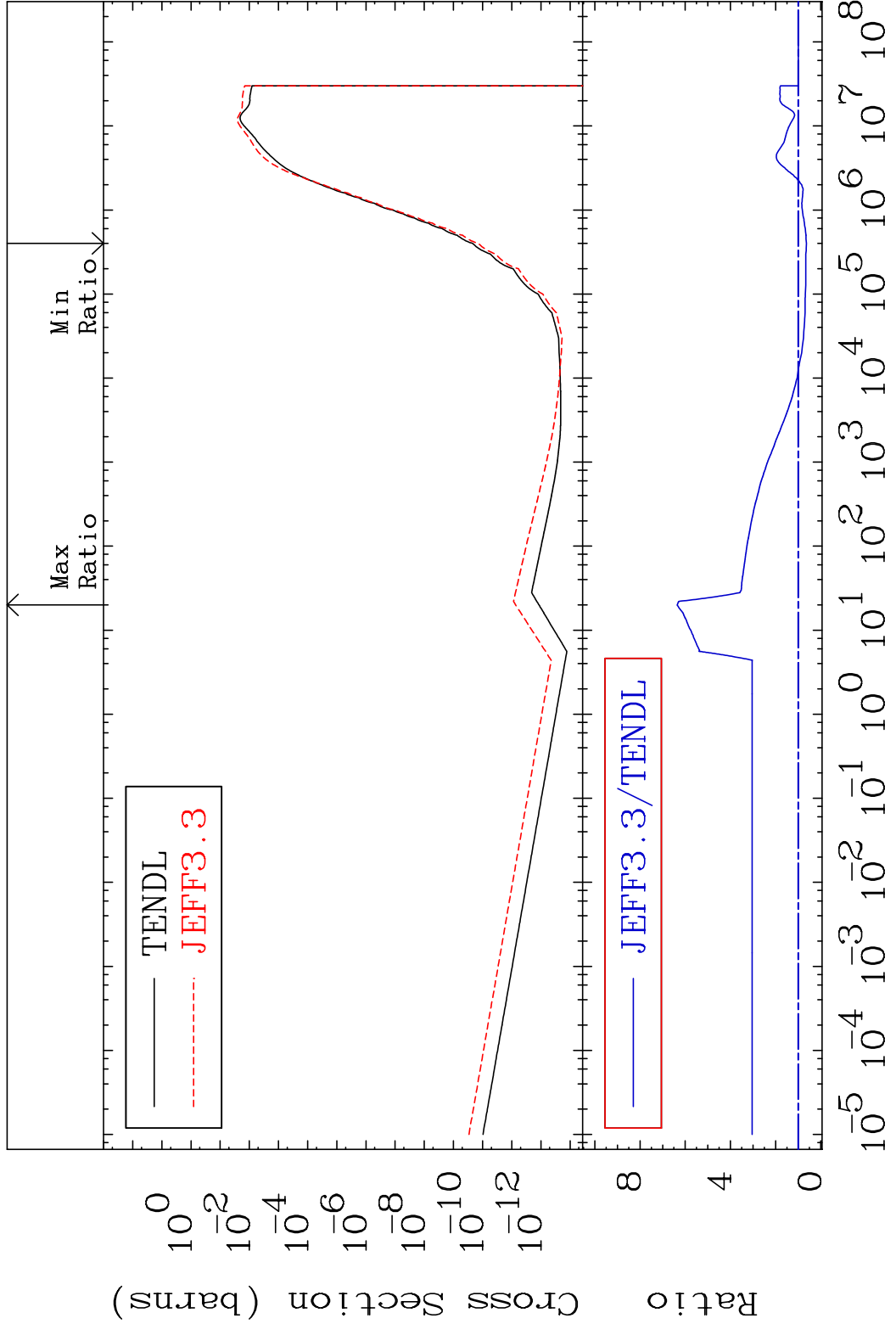
MAT 4725

(n, p)

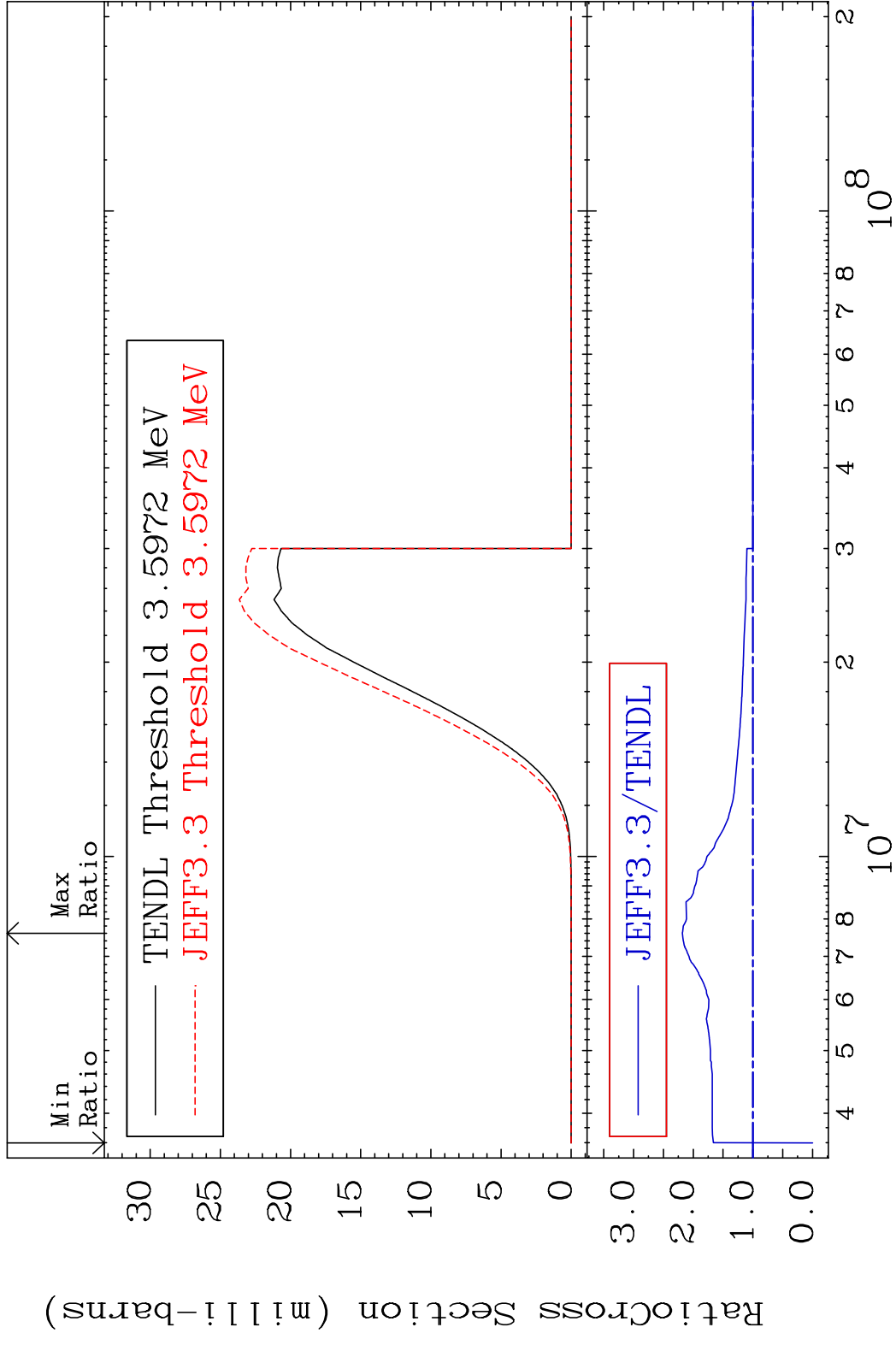
47-Ag-107

Cross Section

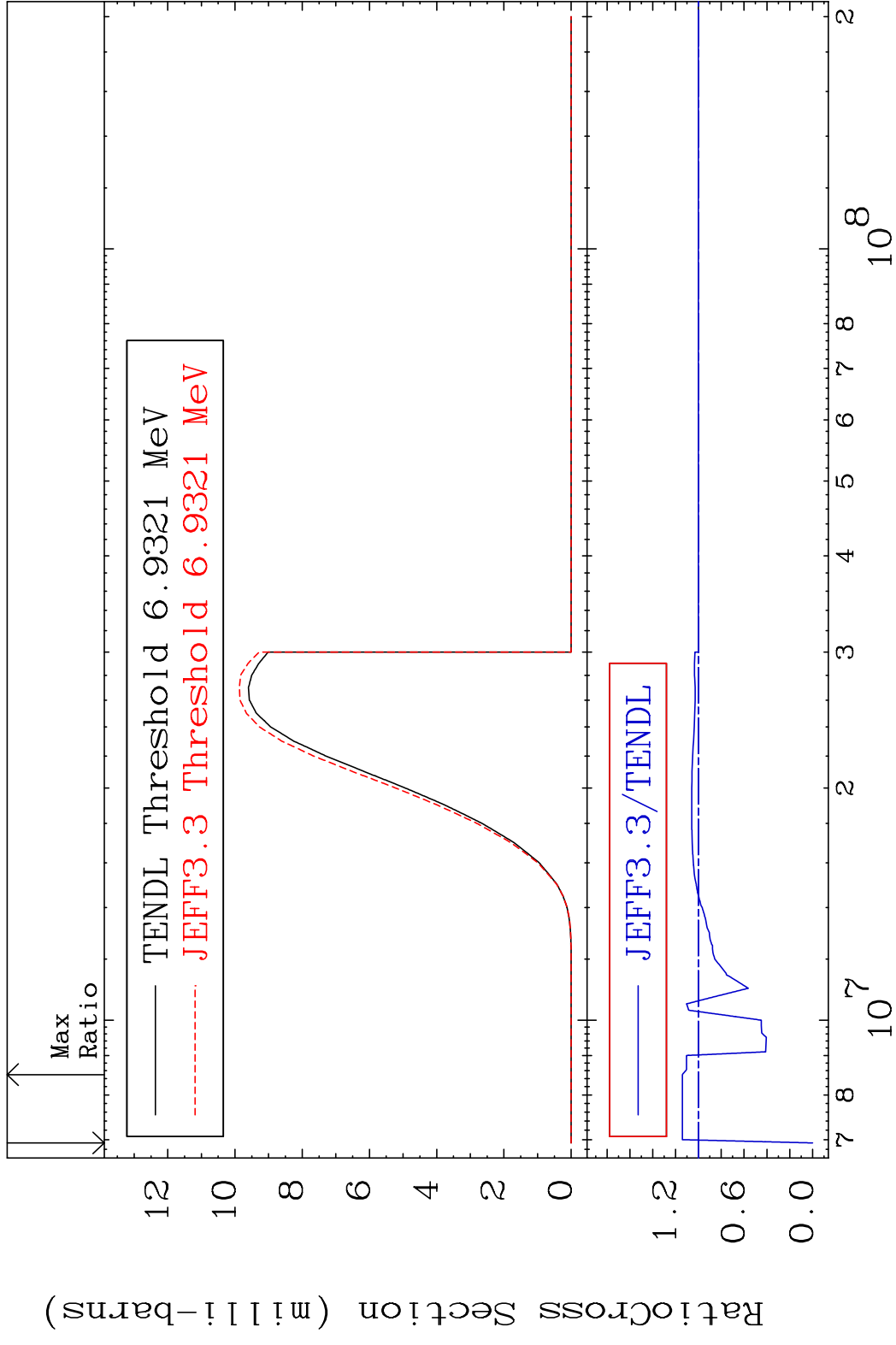
-36.34 To 535.6 %



MAT 4725 (n,d) 47-Ag-107  
 Cross Section -100.0 To 118.3 %



MAT 4725 (n, t) 47-Ag-107  
 Cross Section -100.0 To 14.06 %



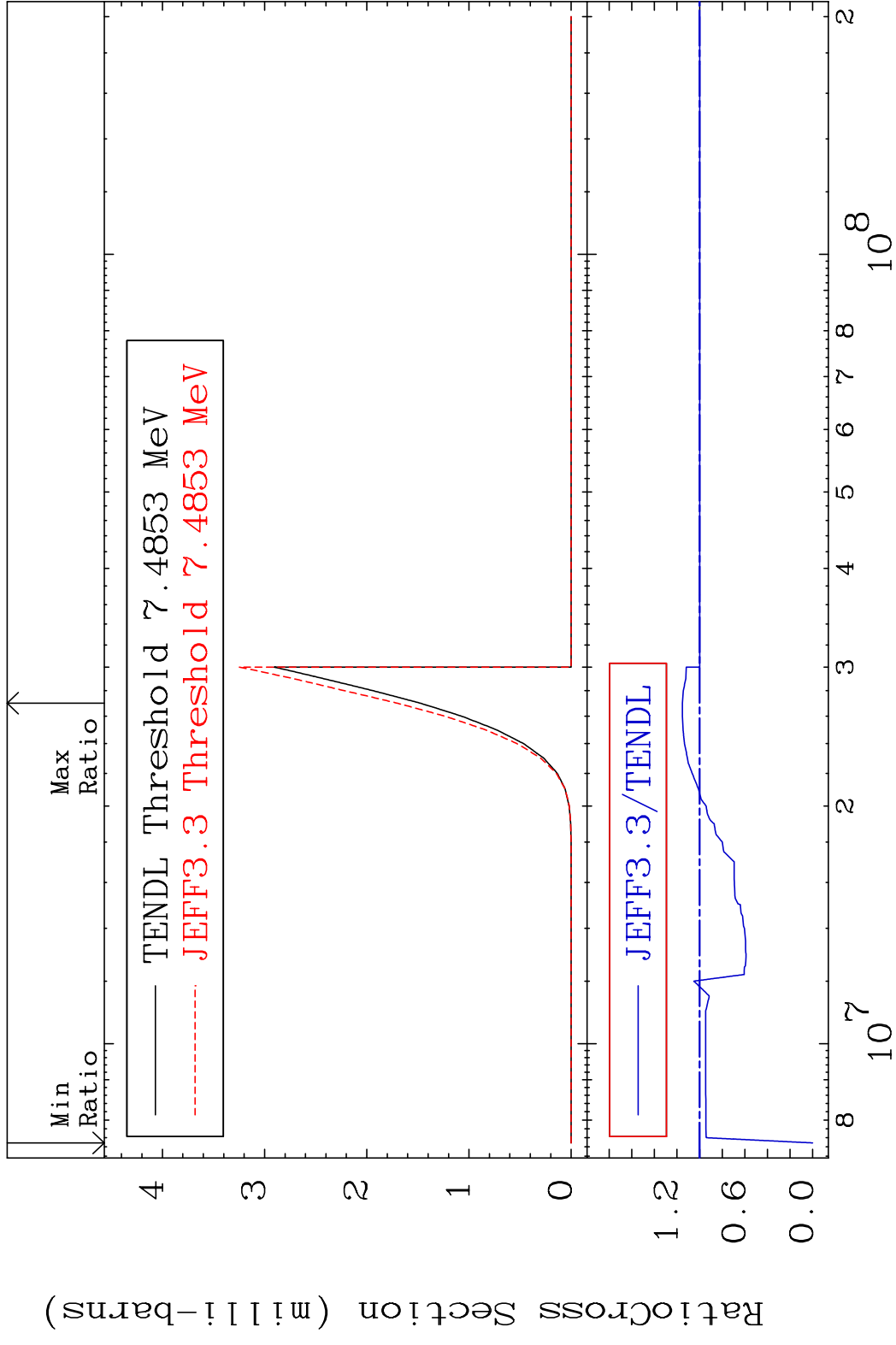


MAT 4725

(n, He-3)

47-Ag-107

Cross Section -100.0 To 15.28 %

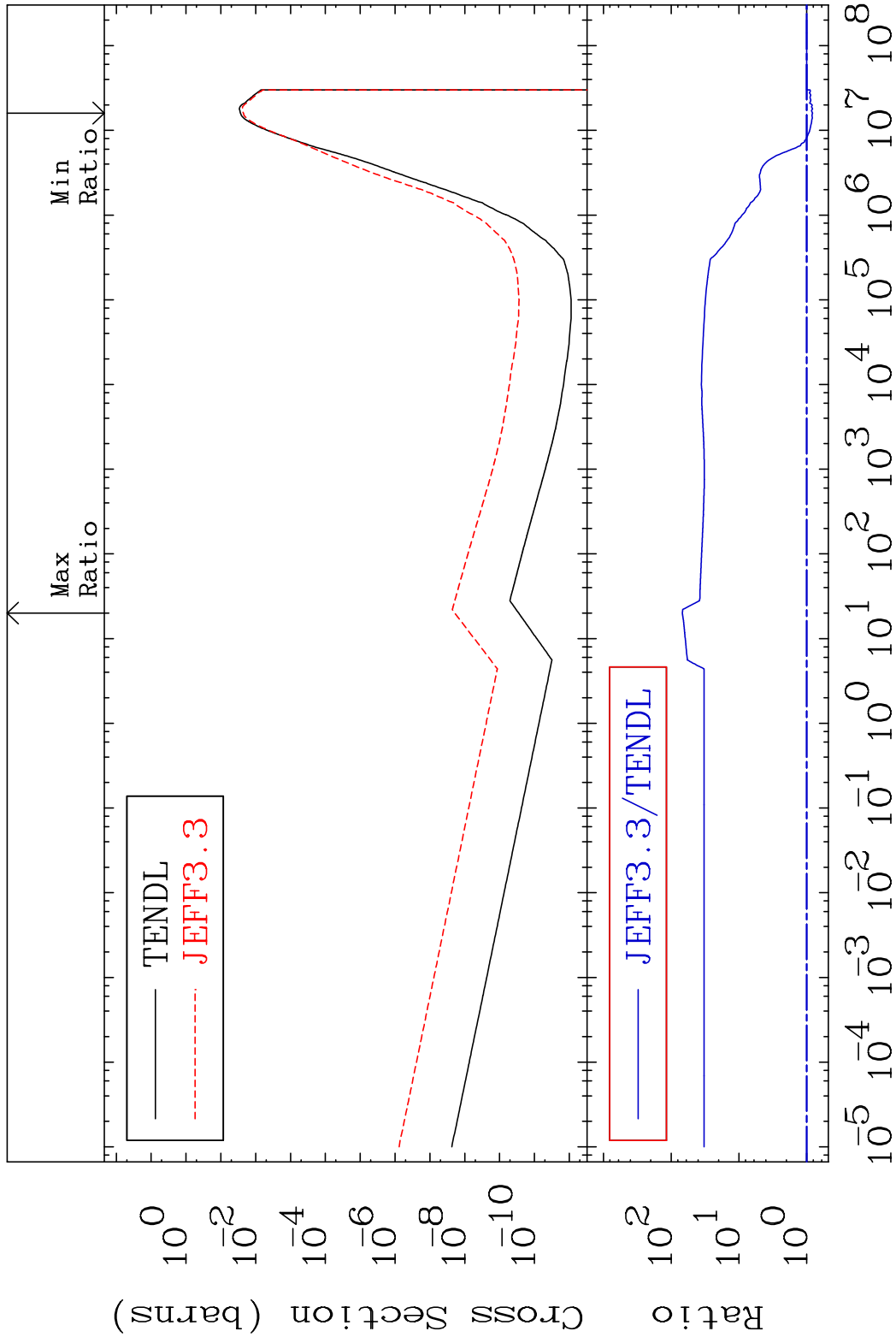


MAT 4725

(n,  $\alpha$ )

47-Ag-107

Cross Section -17.94 To 6742. %



57

Incident Energy (eV)

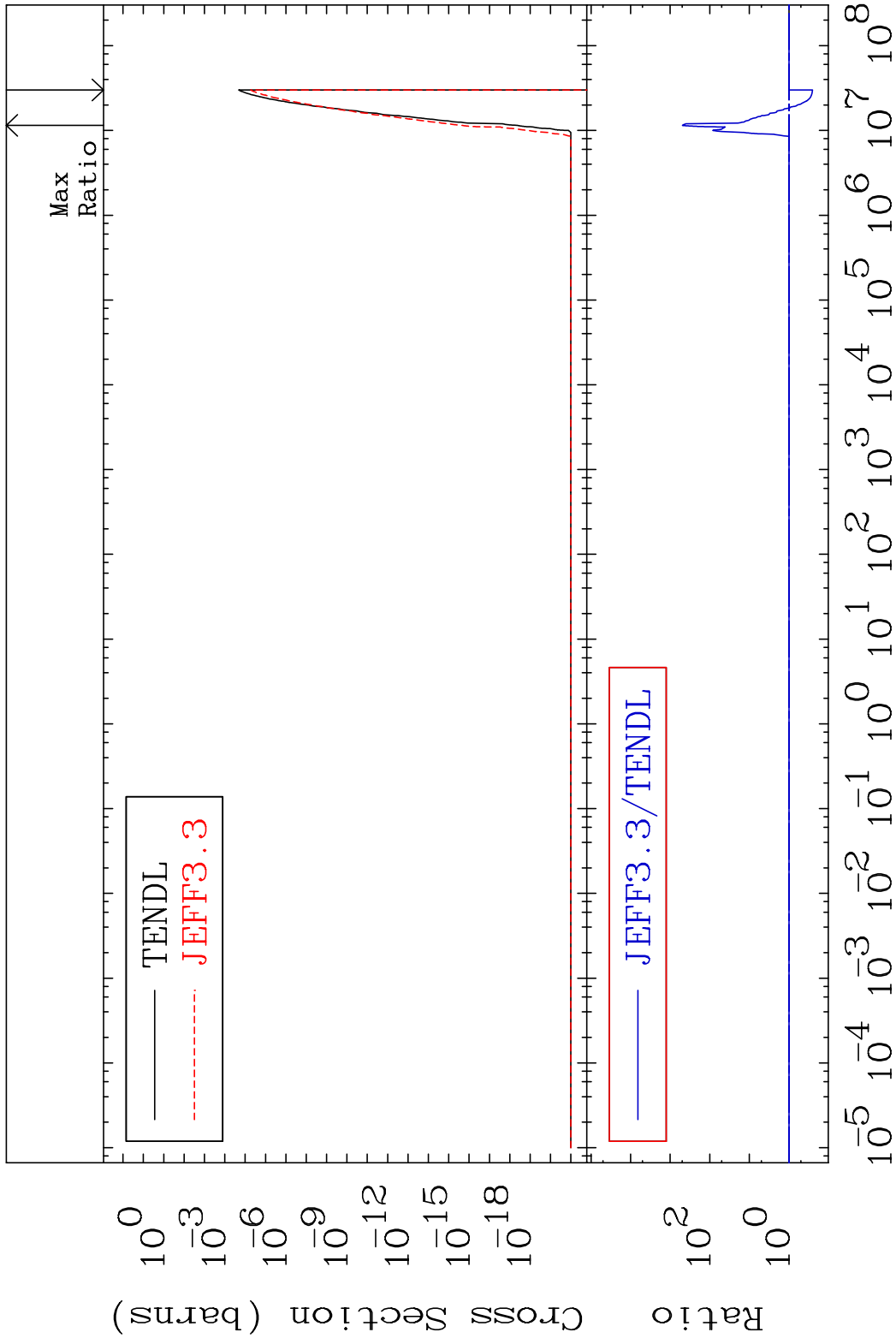
47-Ag-107

MAT 4725

(n, 2α)

47-Ag-107

Cross Section -74.53 To 9999. %



58

Incident Energy (eV)

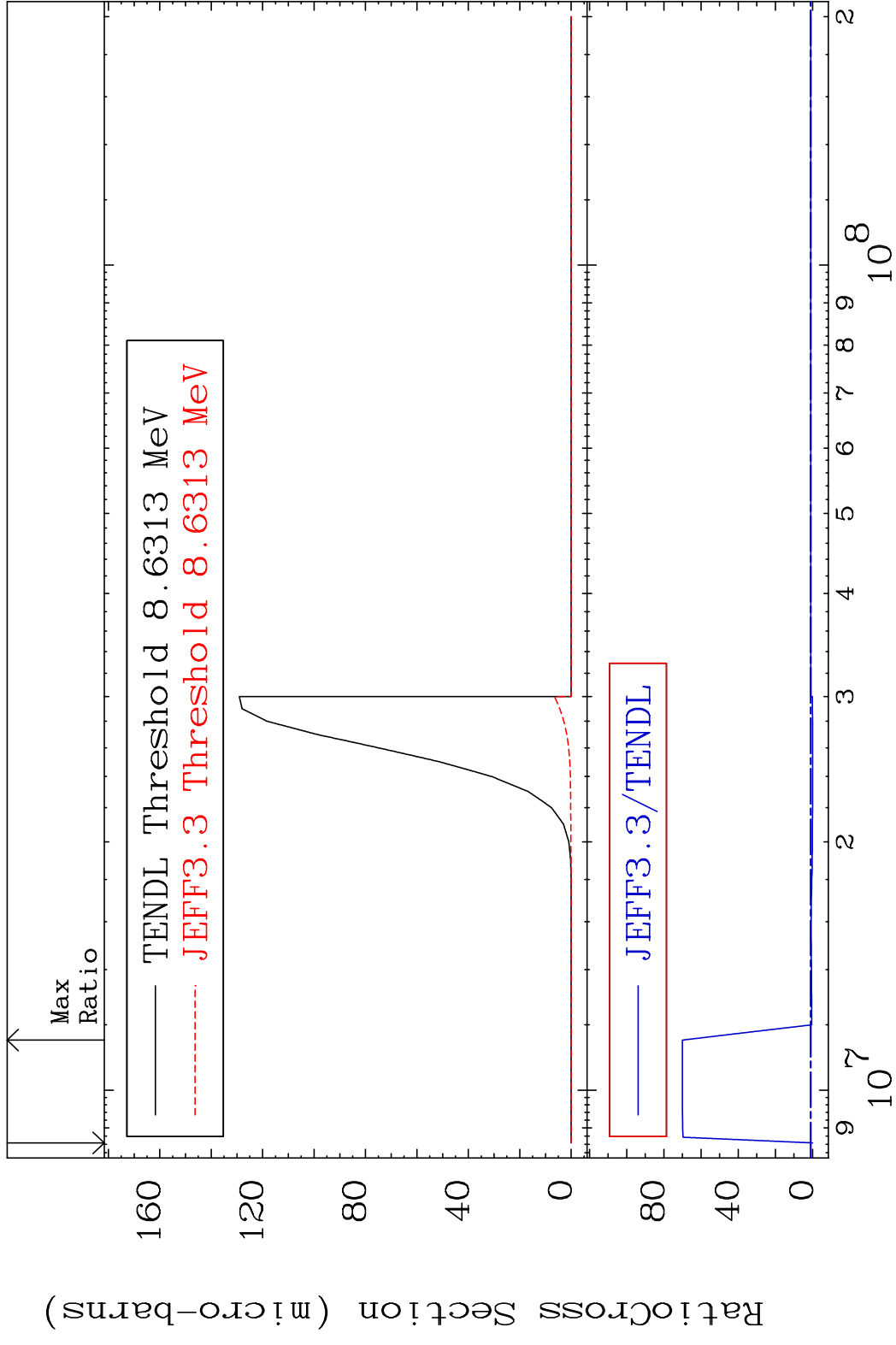
47-Ag-107

MAT 4725

(n,2p)

47-Ag-107

Cross Section -100.0 To 6906. %

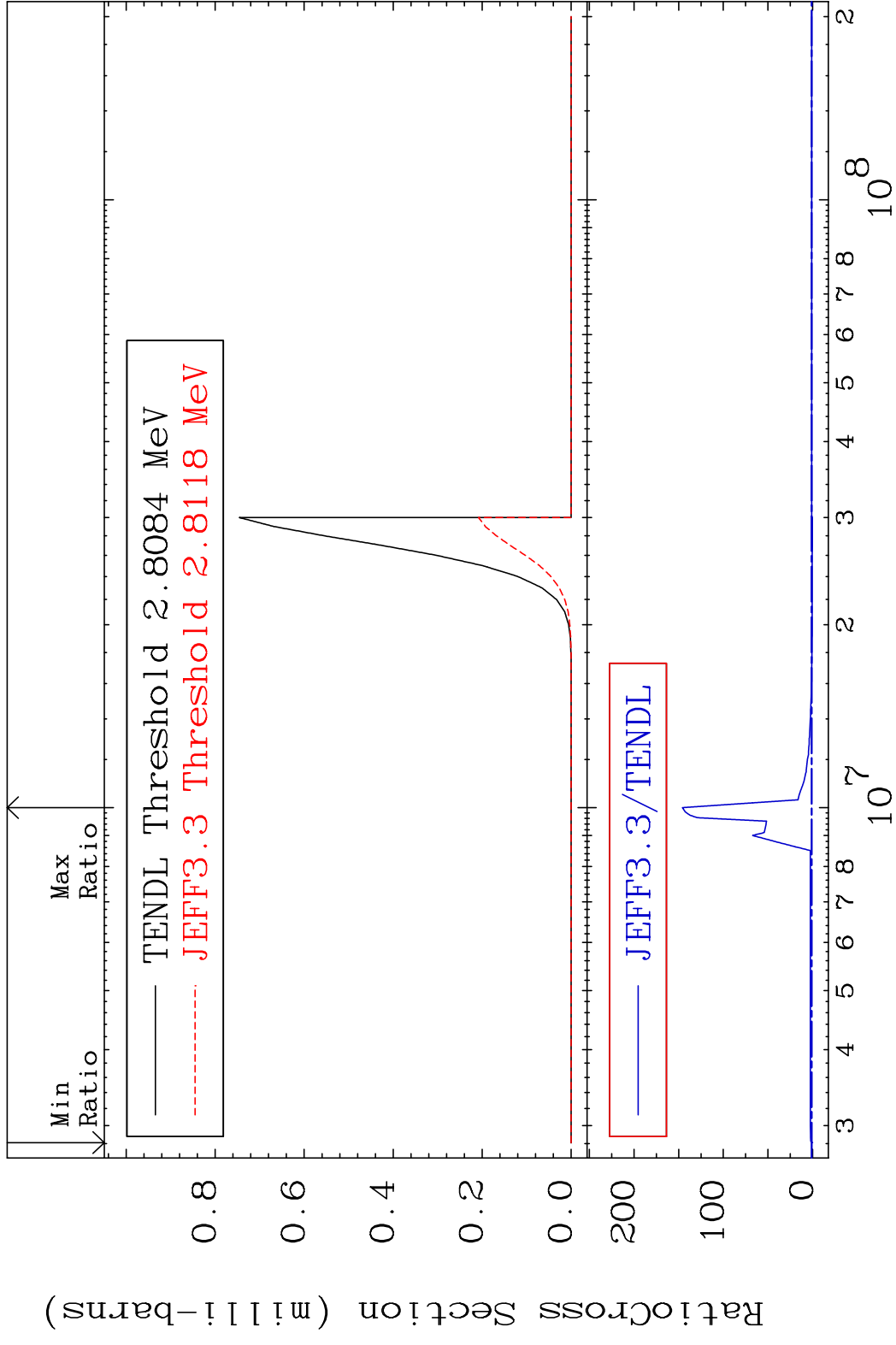


59

Incident Energy (eV)

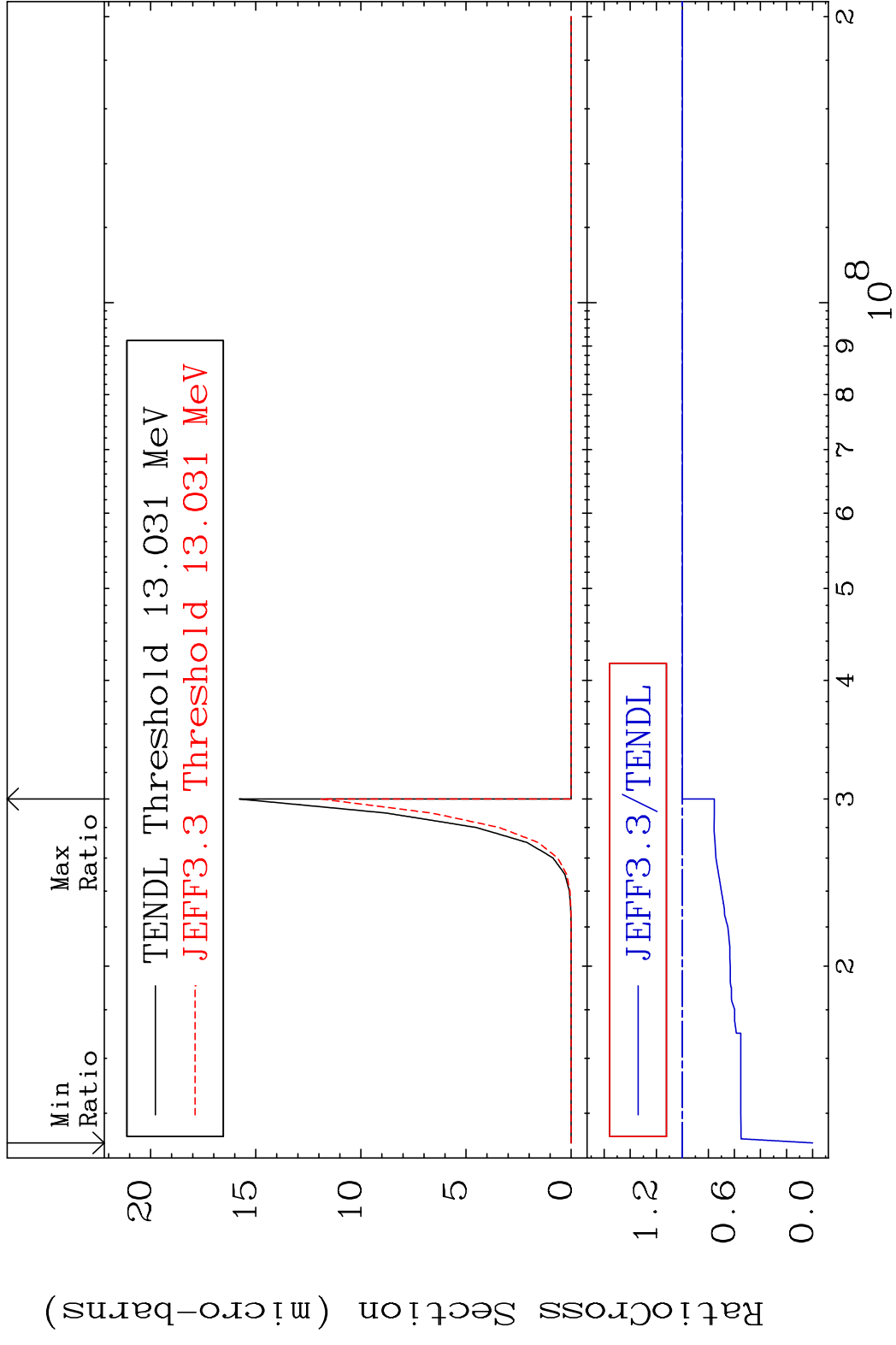
47-Ag-107

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

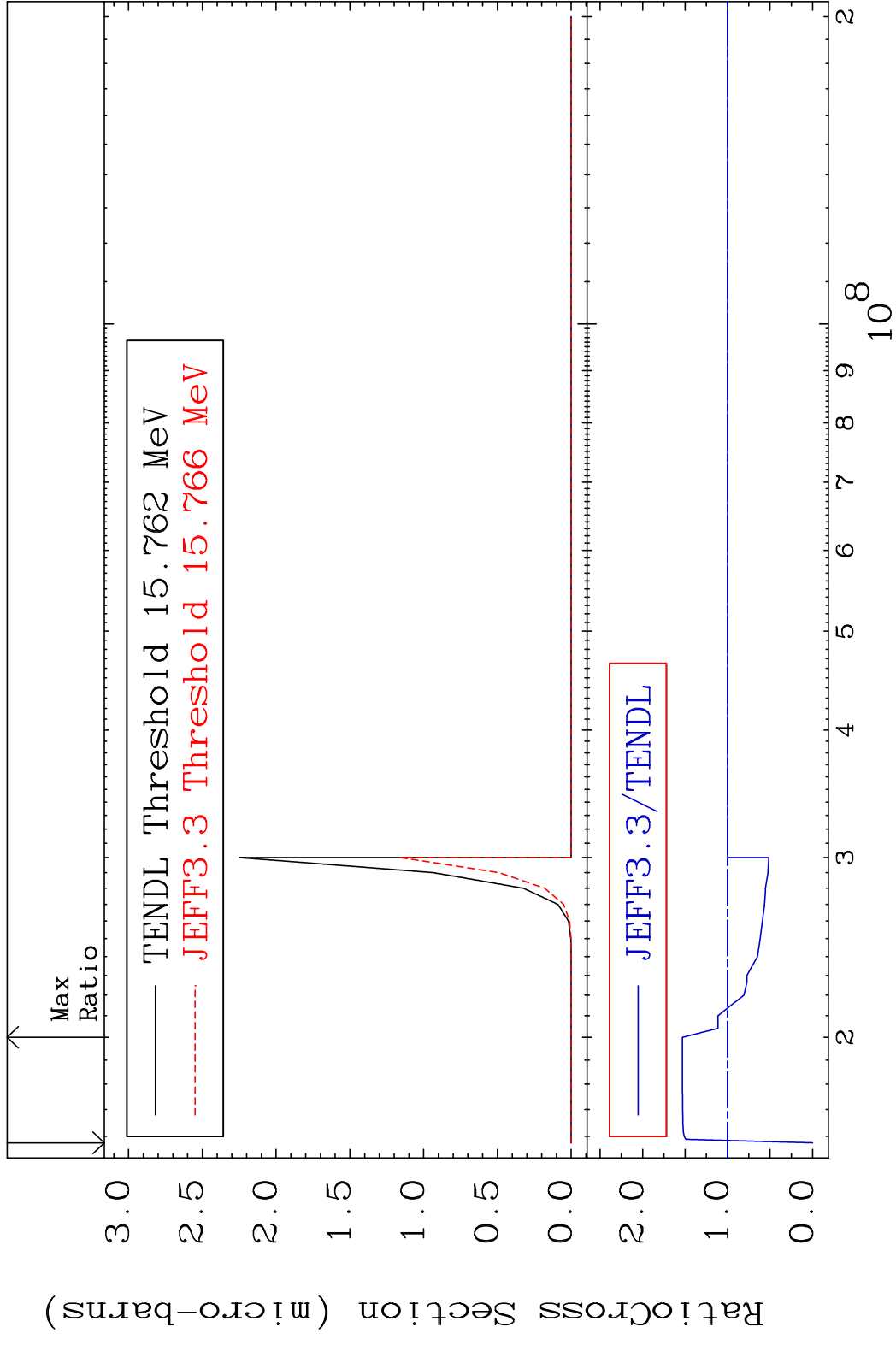


60 Incident Energy (eV) 47-Ag-107

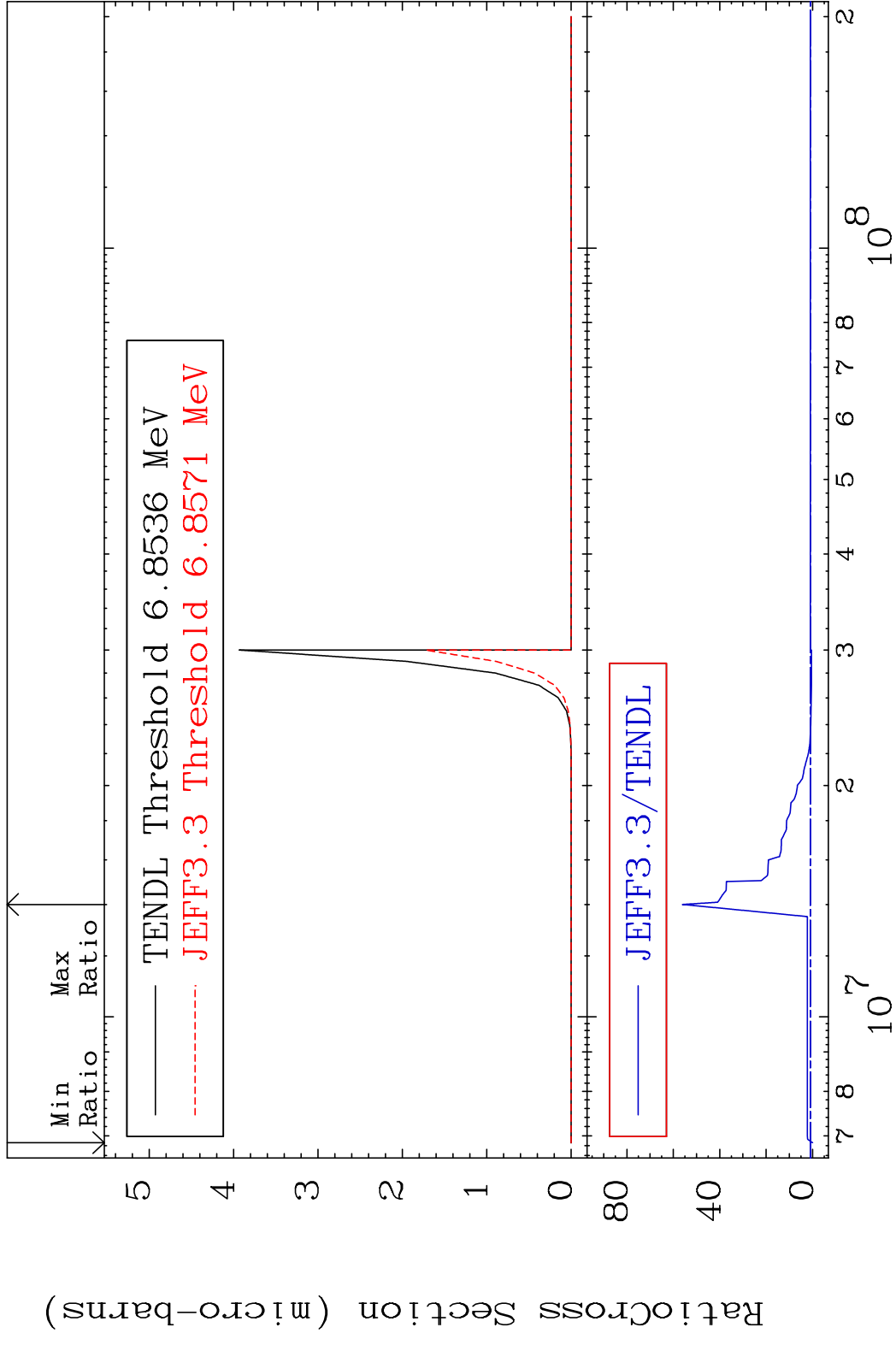
MAT 4725 (n,p) d 47-Ag-107  
 Cross Section -100.0 To 0.000 %



MAT 4725 (n,p) t 47-Ag-107  
 Cross Section -100.0 To 53.23 %



MAT 4725 (n,d)  $\alpha$  47-Ag-107  
 Cross Section -100.0 To 5510. %



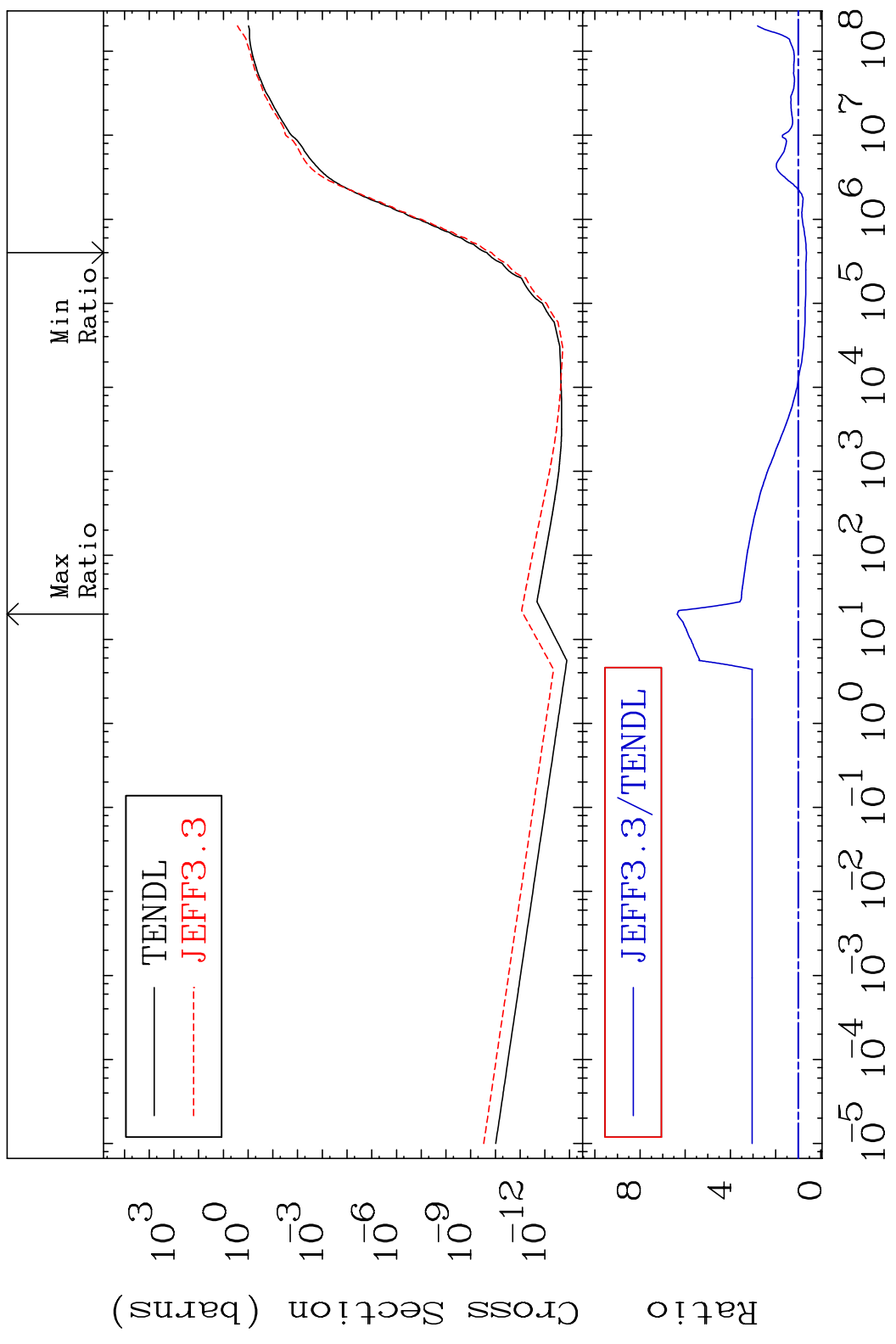


MAT 4725

Hydrogen Production

47-Ag-107

Cross Section -36.34 To 535.6 %

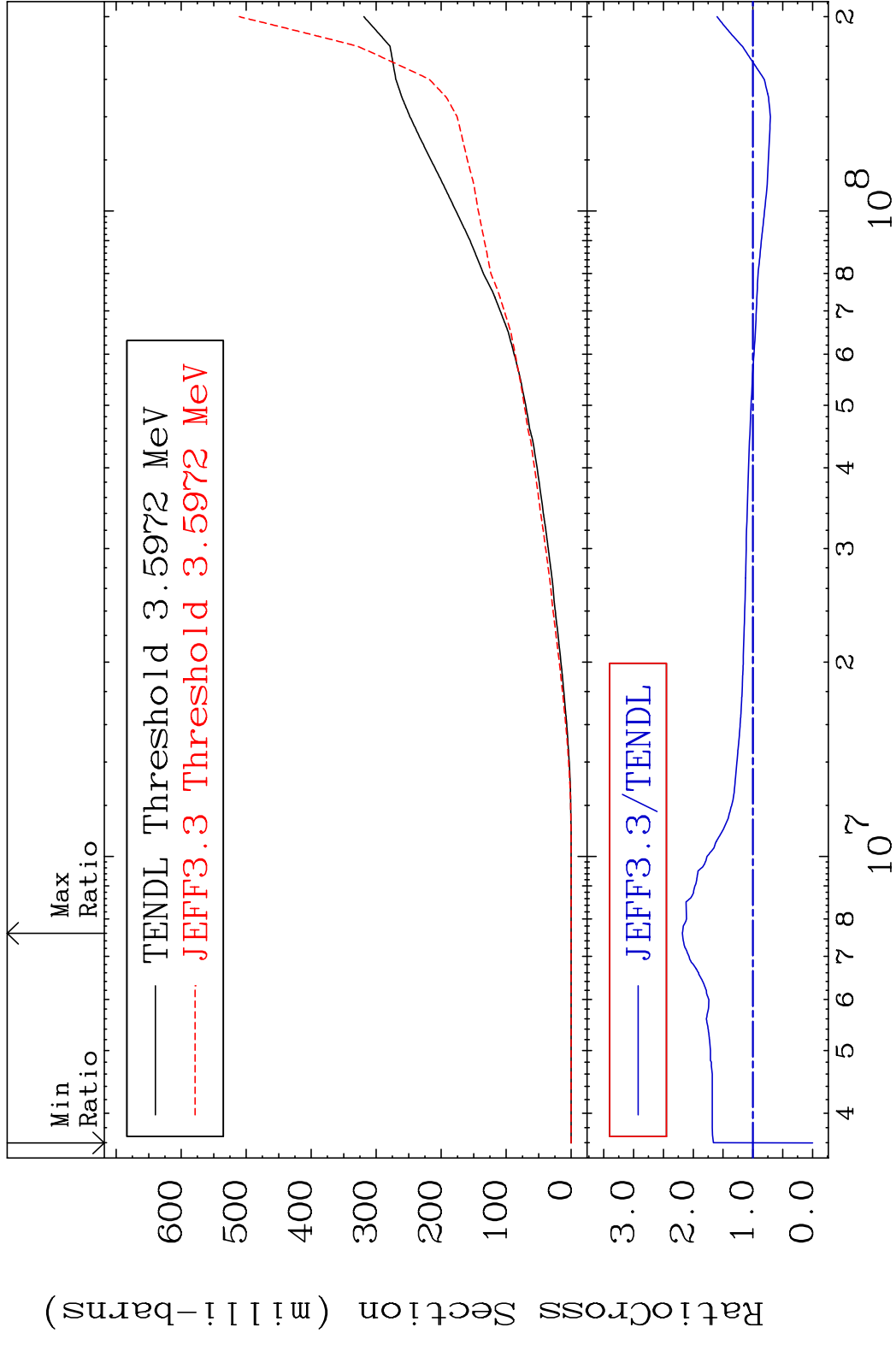


64

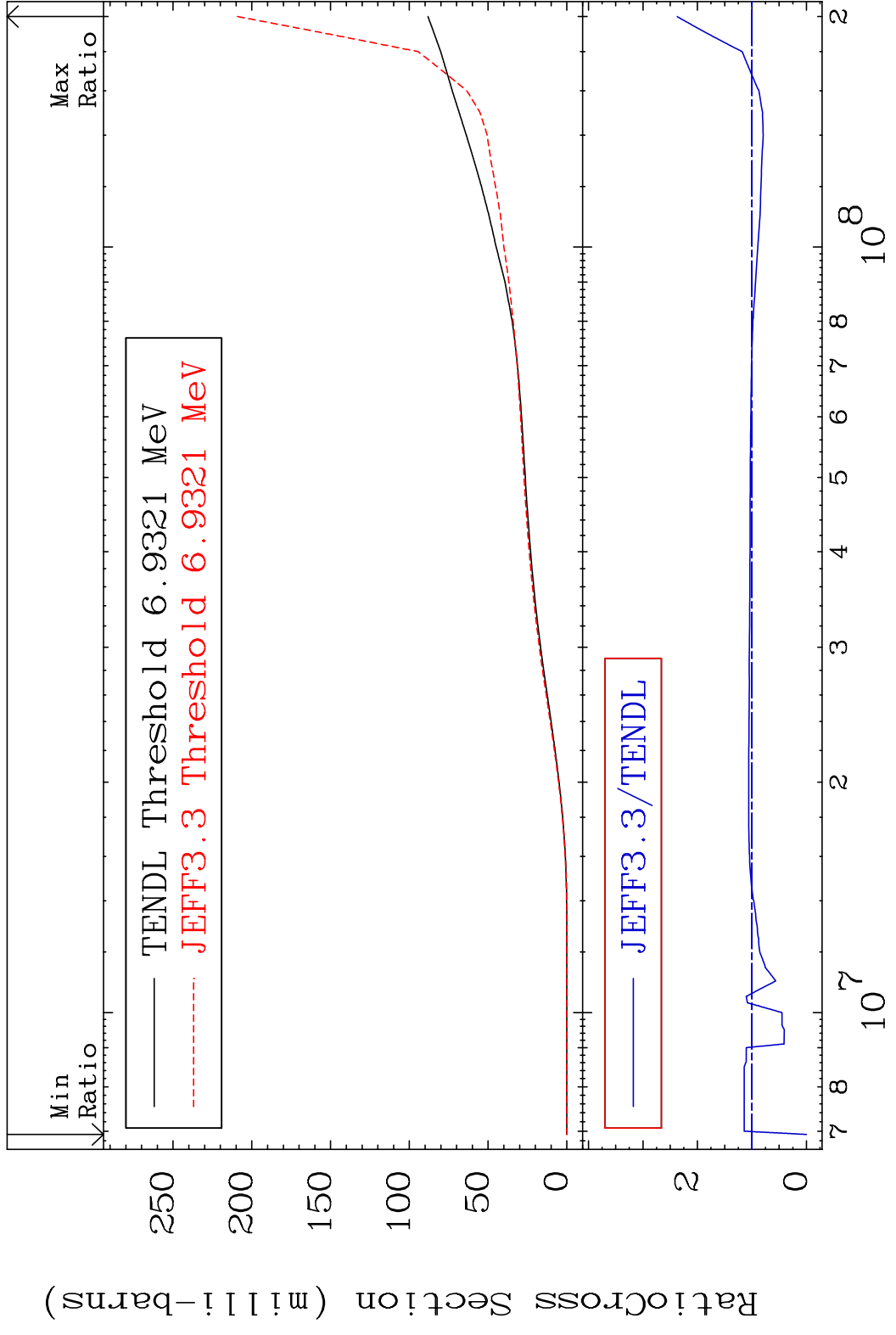
Incident Energy (eV)

47-Ag-107

MAT 4725 Deuterium Production 47-Ag-107  
 Cross Section -100.0 To 118.3 %



MAT 4725 Tritium Production 47-Ag-107  
 Cross Section -100.0 To 137.2 %

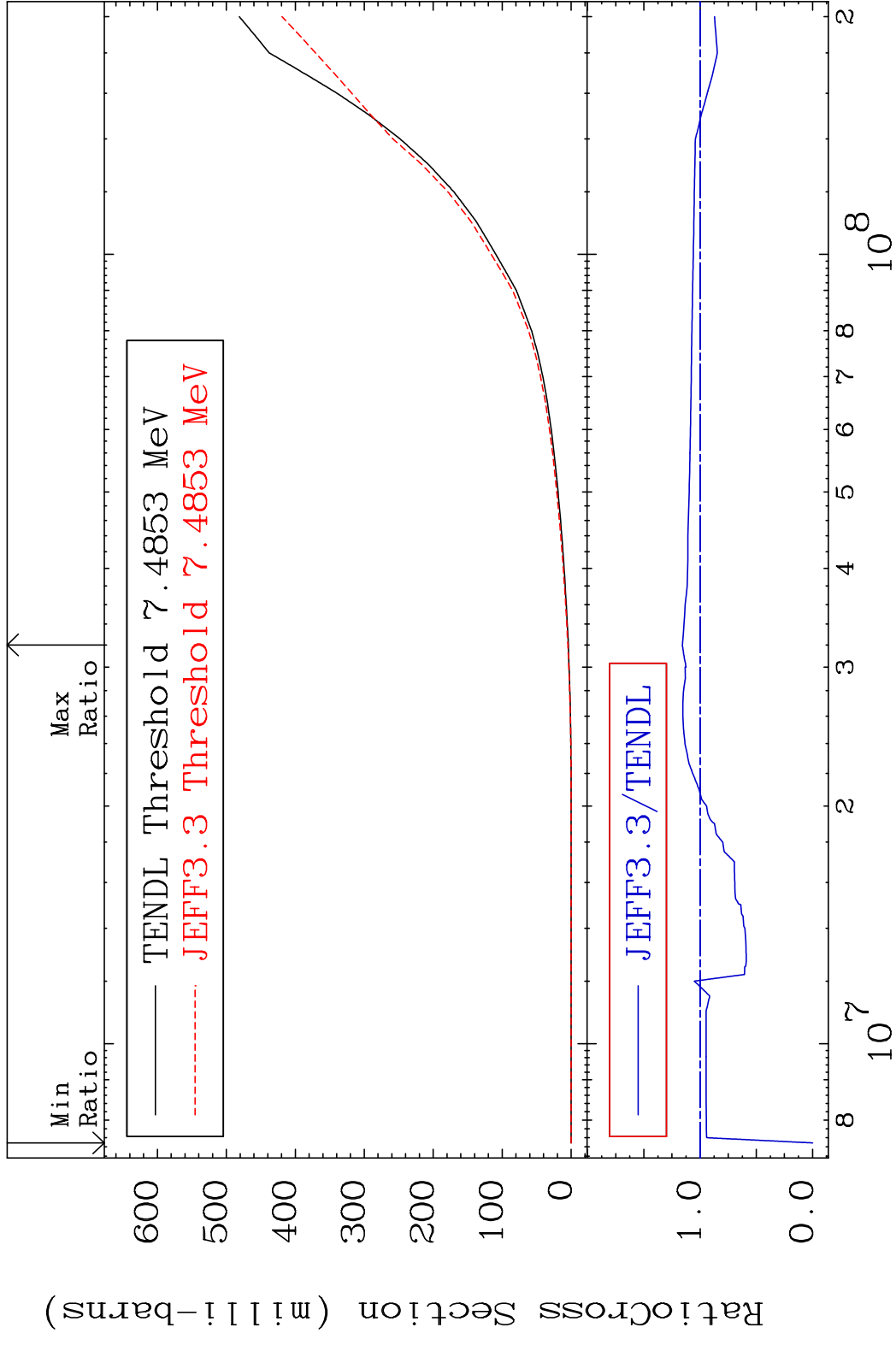


MAT 4725

He-3 Production

47-Ag-107

Cross Section -100.0 To 15.77 %



67

Incident Energy (eV)

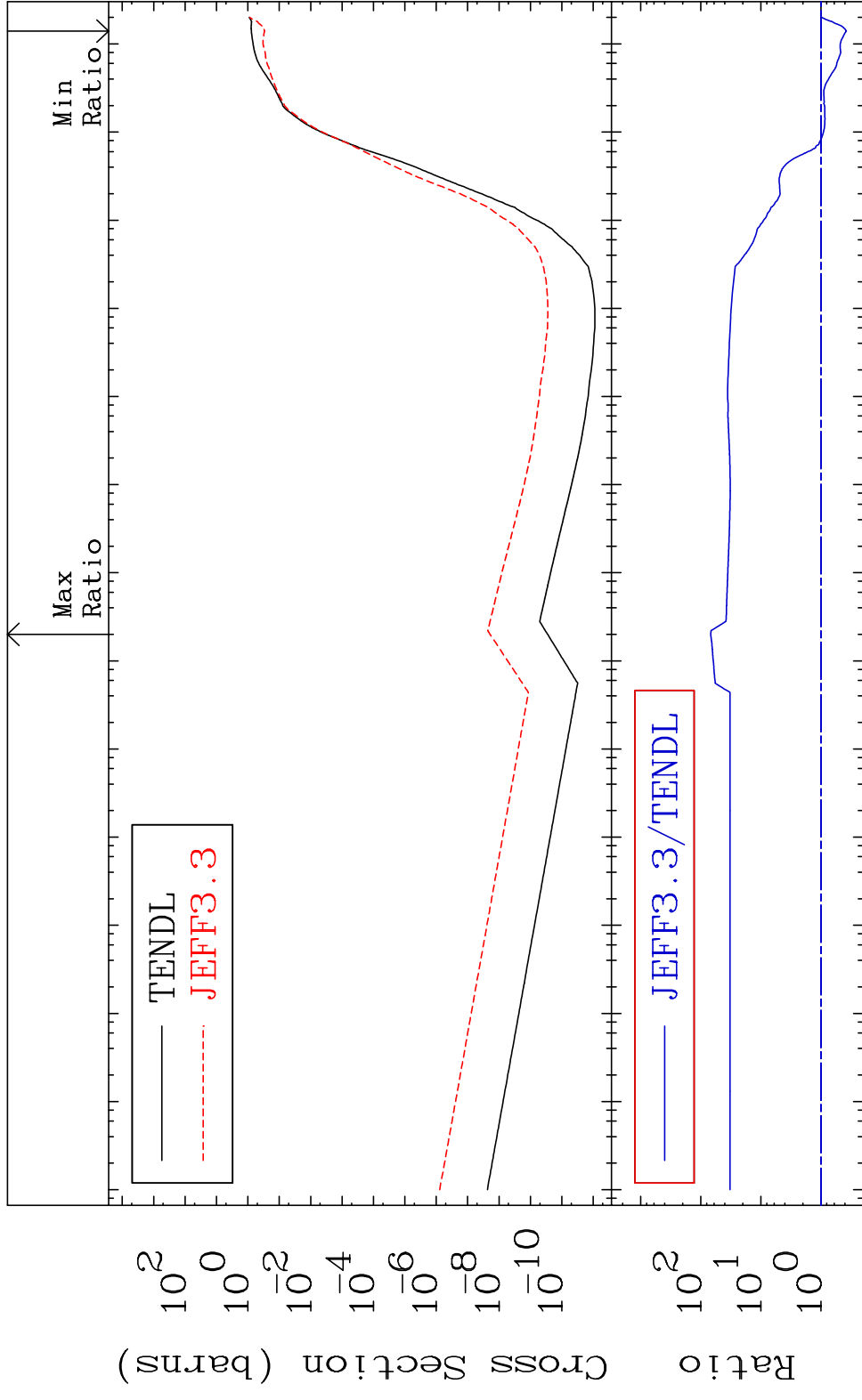
47-Ag-107

MAT 4725

He-4 Production

47-Ag-107

Cross Section -62.21 To 6742. %



Cross Section (barns)

Ratio

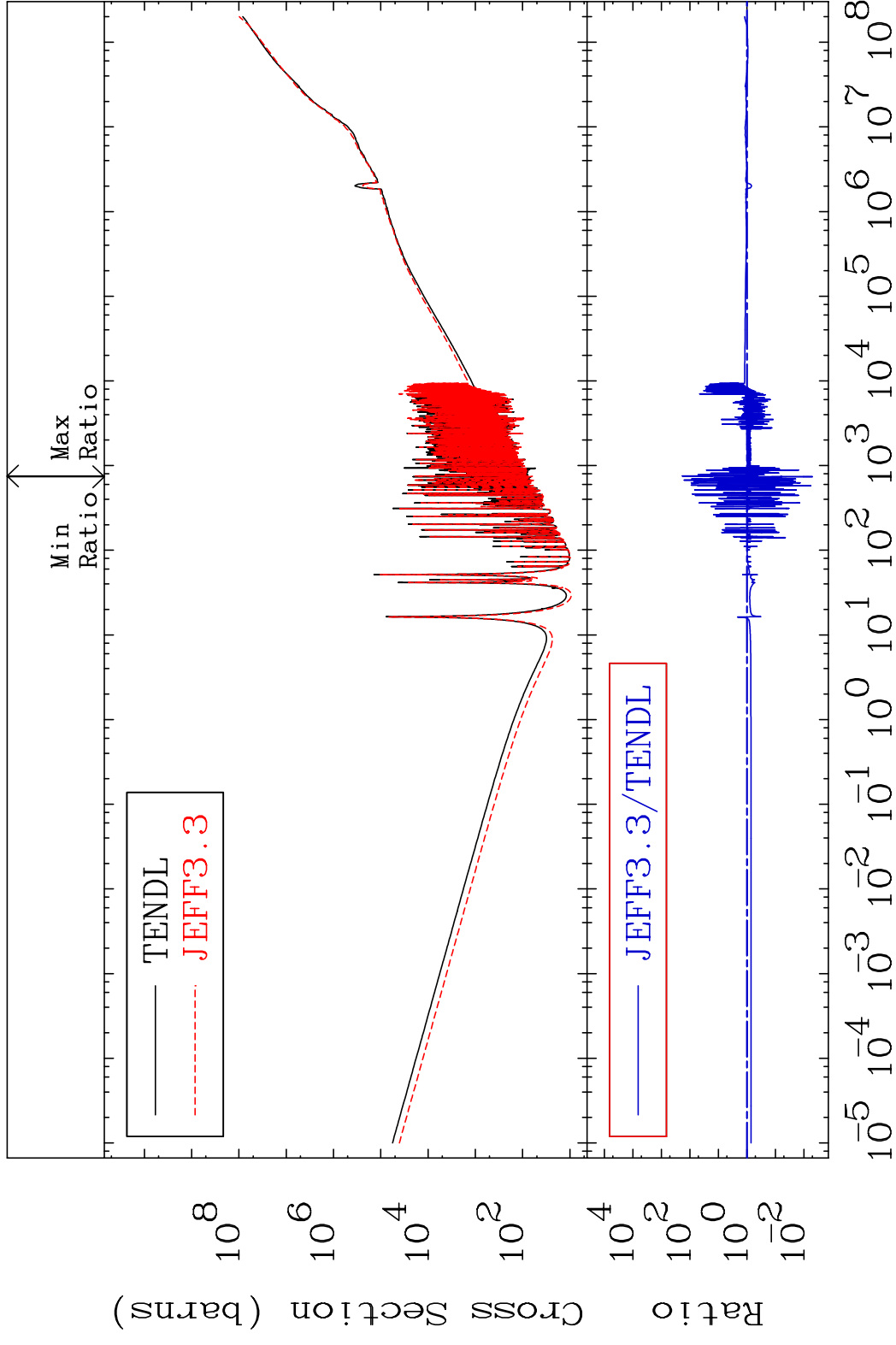
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

68

Incident Energy (eV)

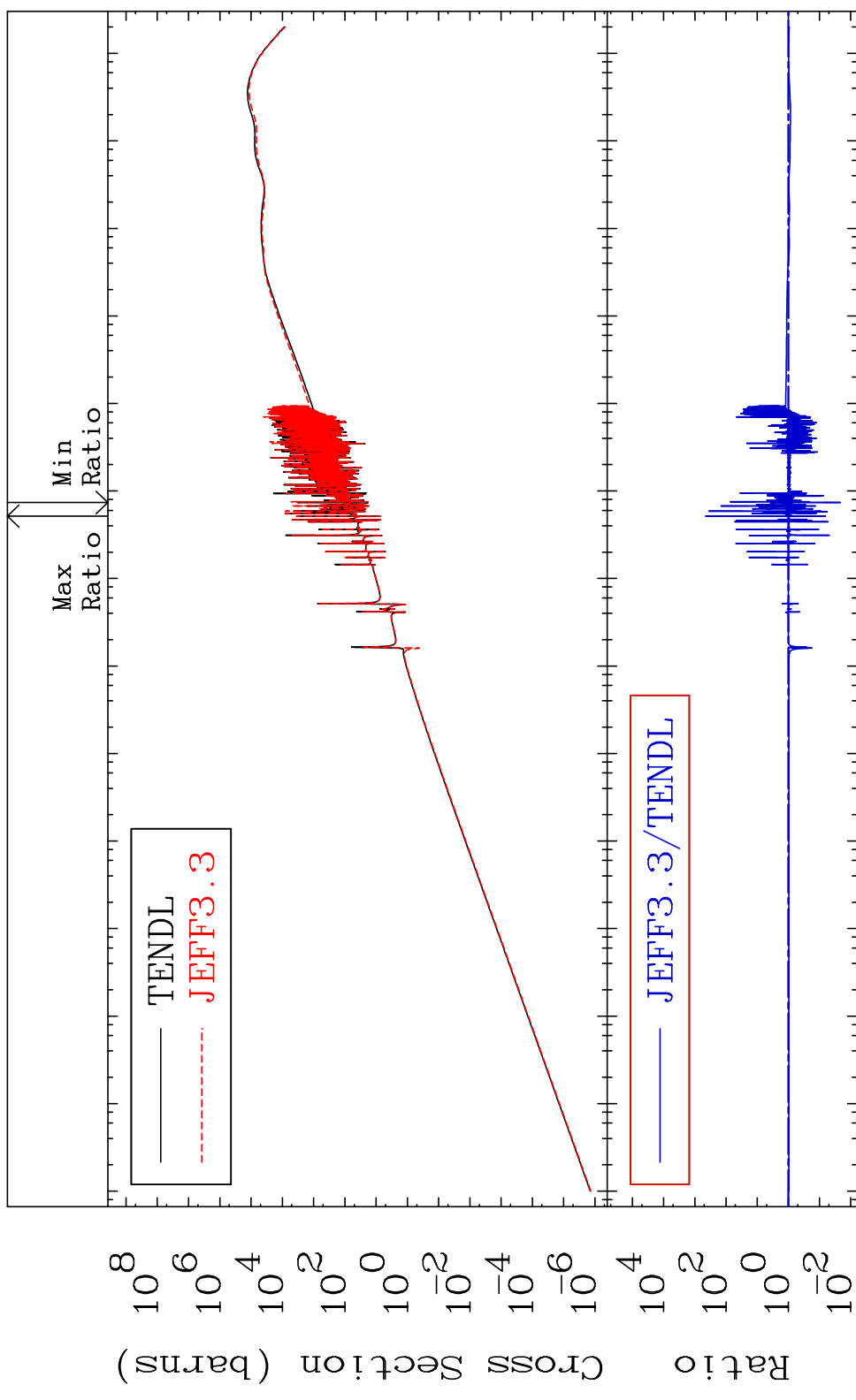
47-Ag-107

MAT 4725 Kerma total (eV-barns) 47-Ag-107  
 Cross Section -99.51 To 9999. %



MAT 4725

Kerma elastic Cross Section -97.87 To 9999. %  
47-Ag-107

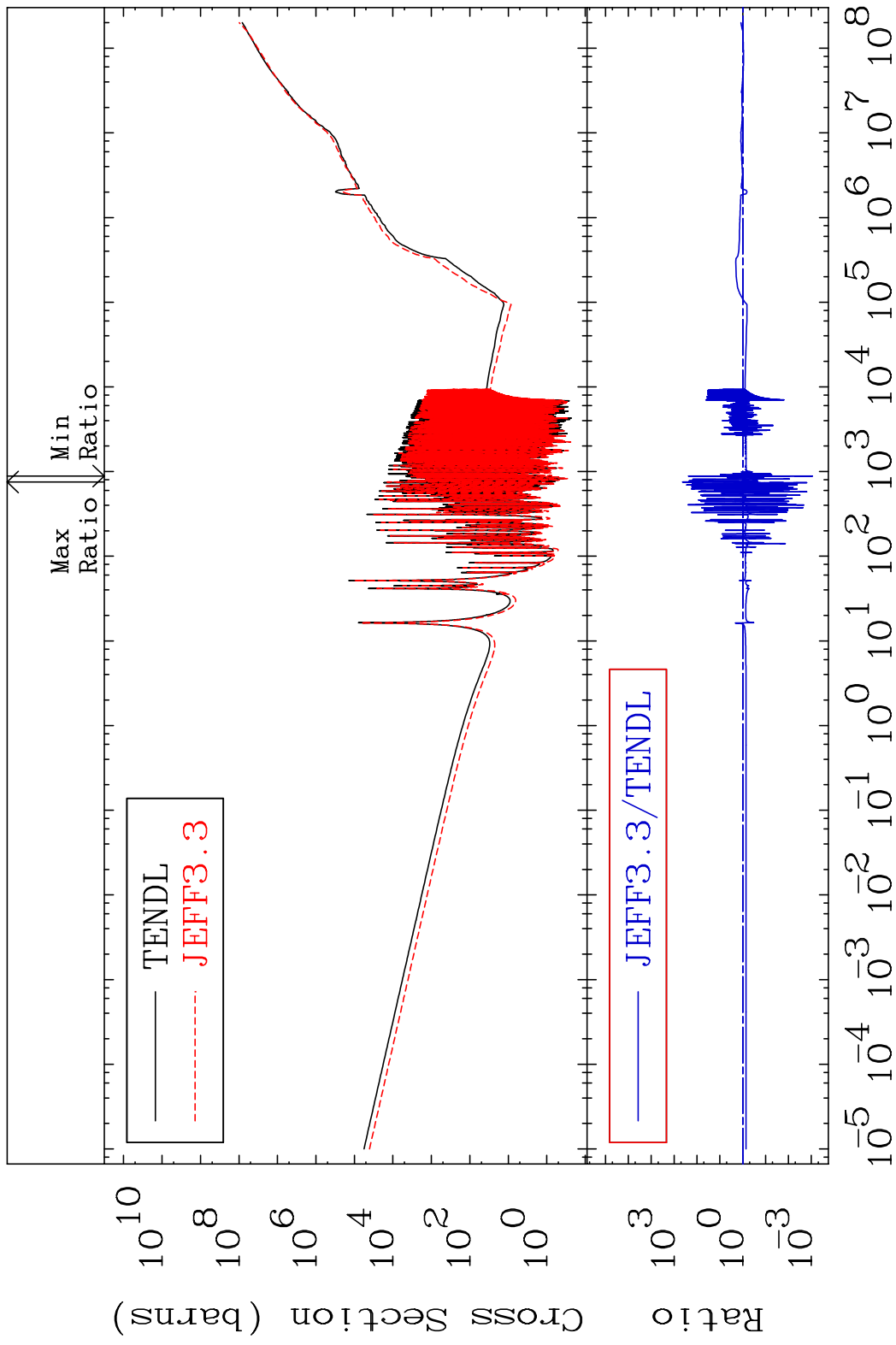


70

Incident Energy (eV)

47-Ag-107

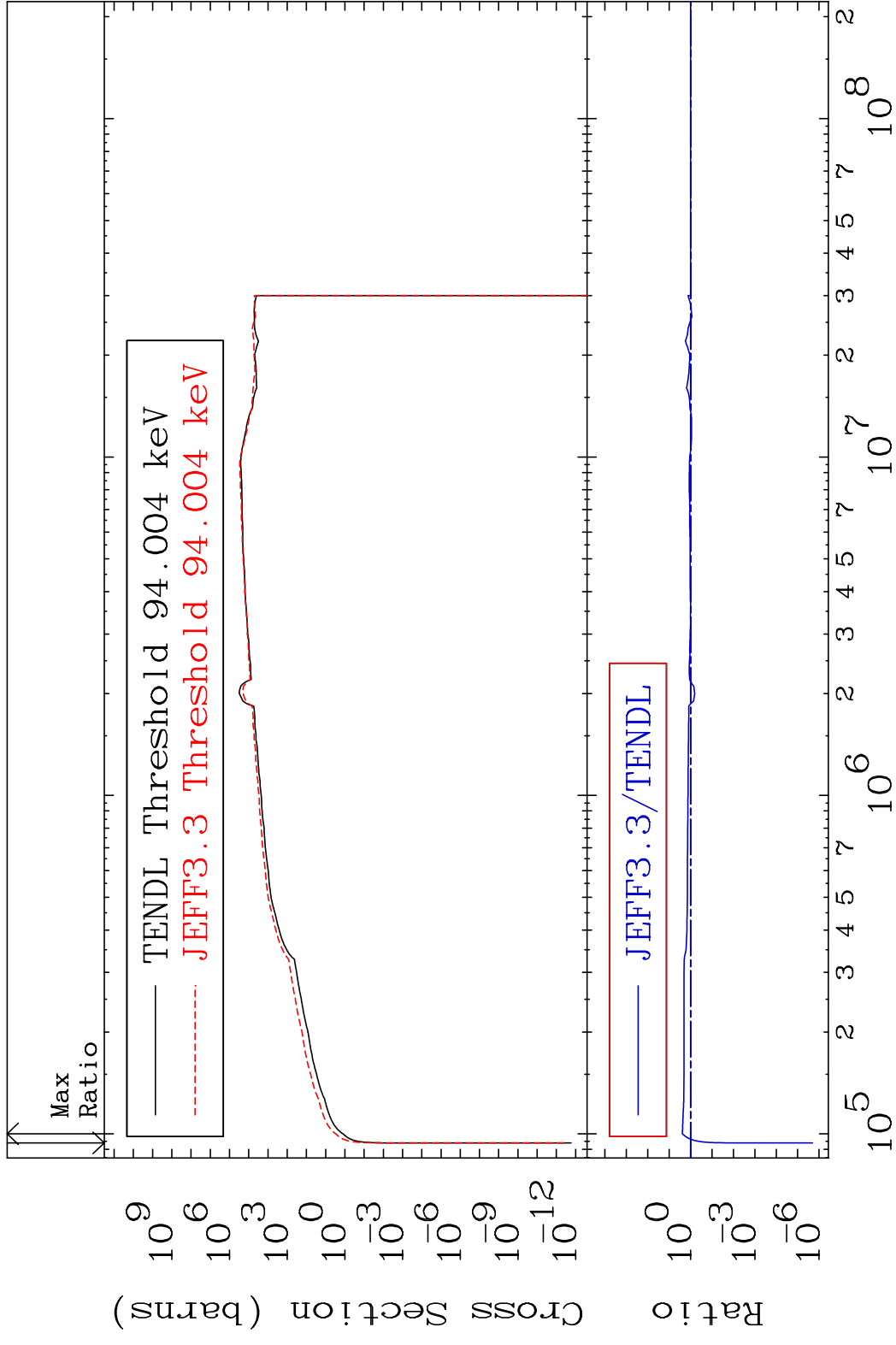
MAT 4725 Kerma non-elastic (all but mt2) 47-Ag-107  
 Cross Section -99.91 To 9999. %



71 Incident Energy (eV) 47-Ag-107

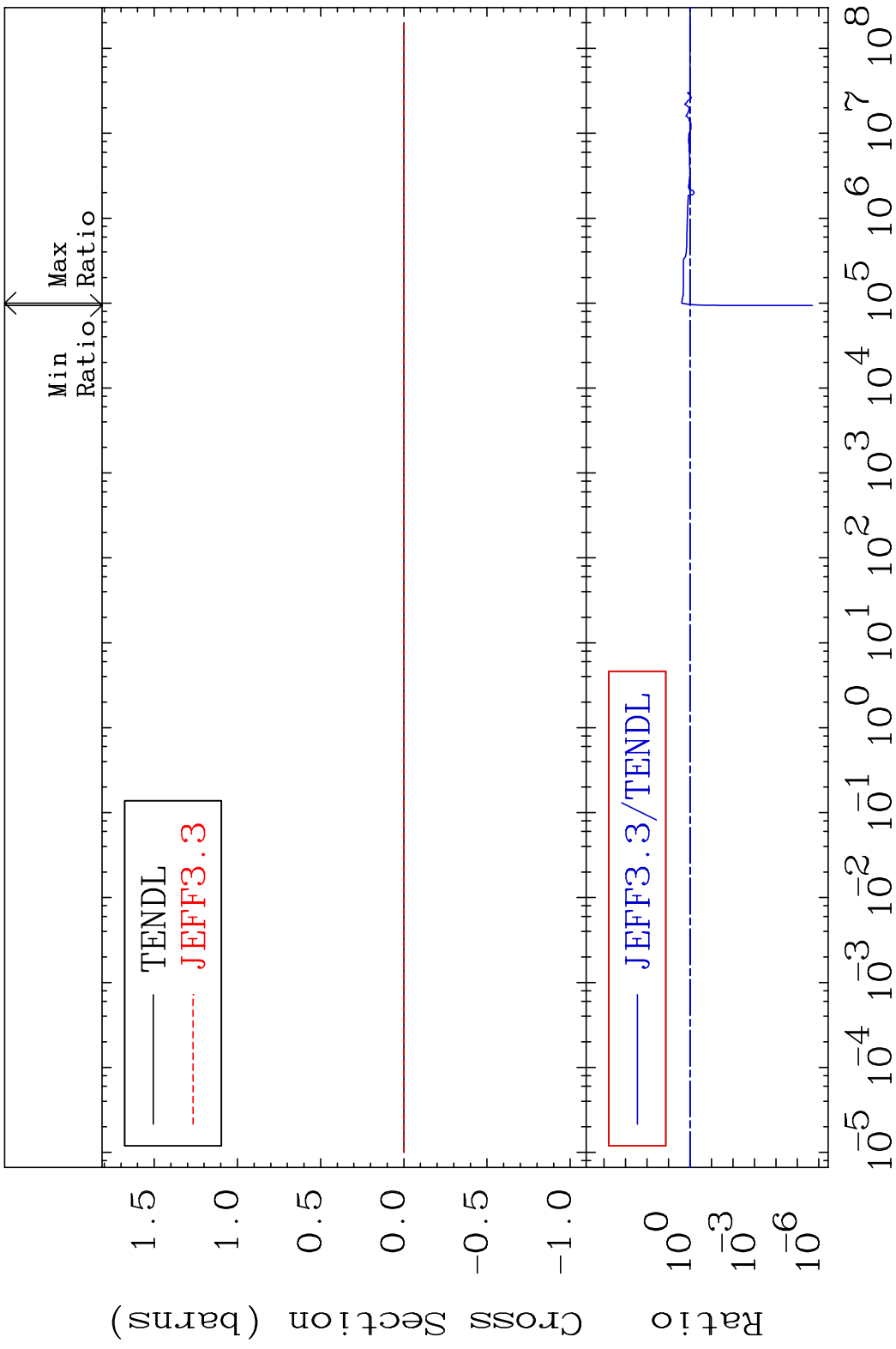


MAT 4725 Kerma inelastic (mt51-91) 47-Ag-107  
 Cross Section -100.0 To 142.2 %



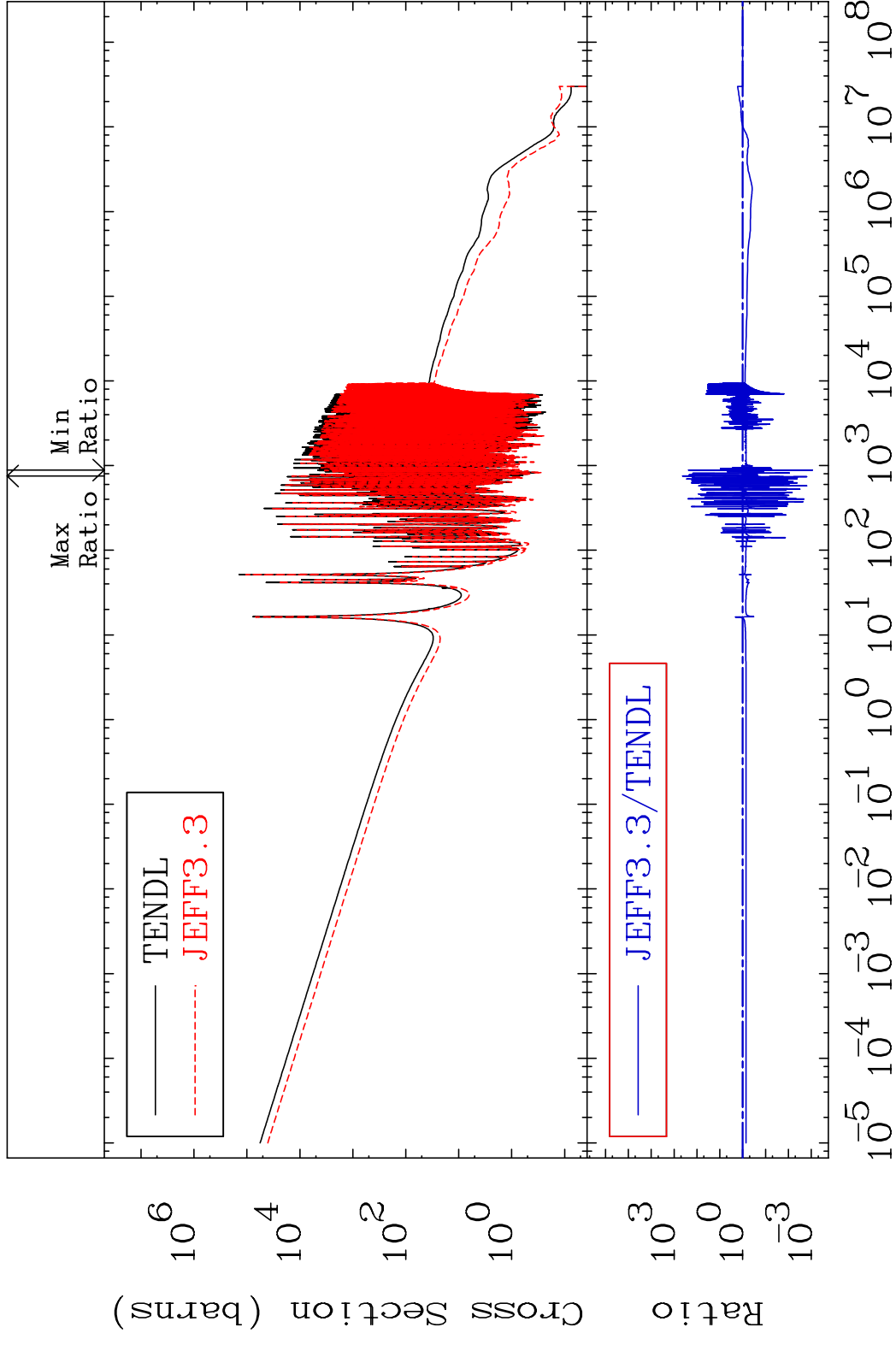
72 Incident Energy (eV) 47-Ag-107

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. %



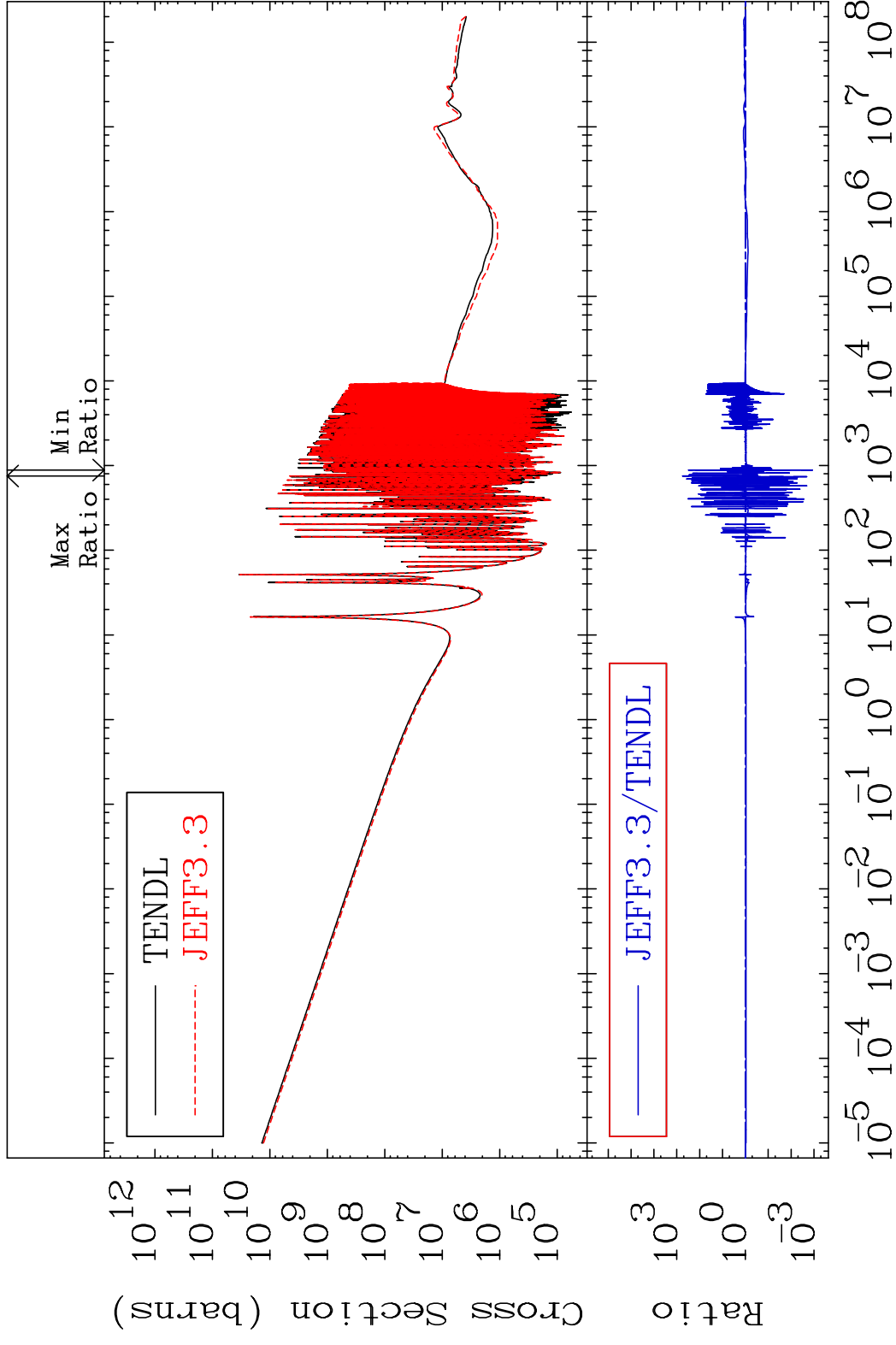
74

Incident Energy (eV)

47-Ag-107

MAT 4725

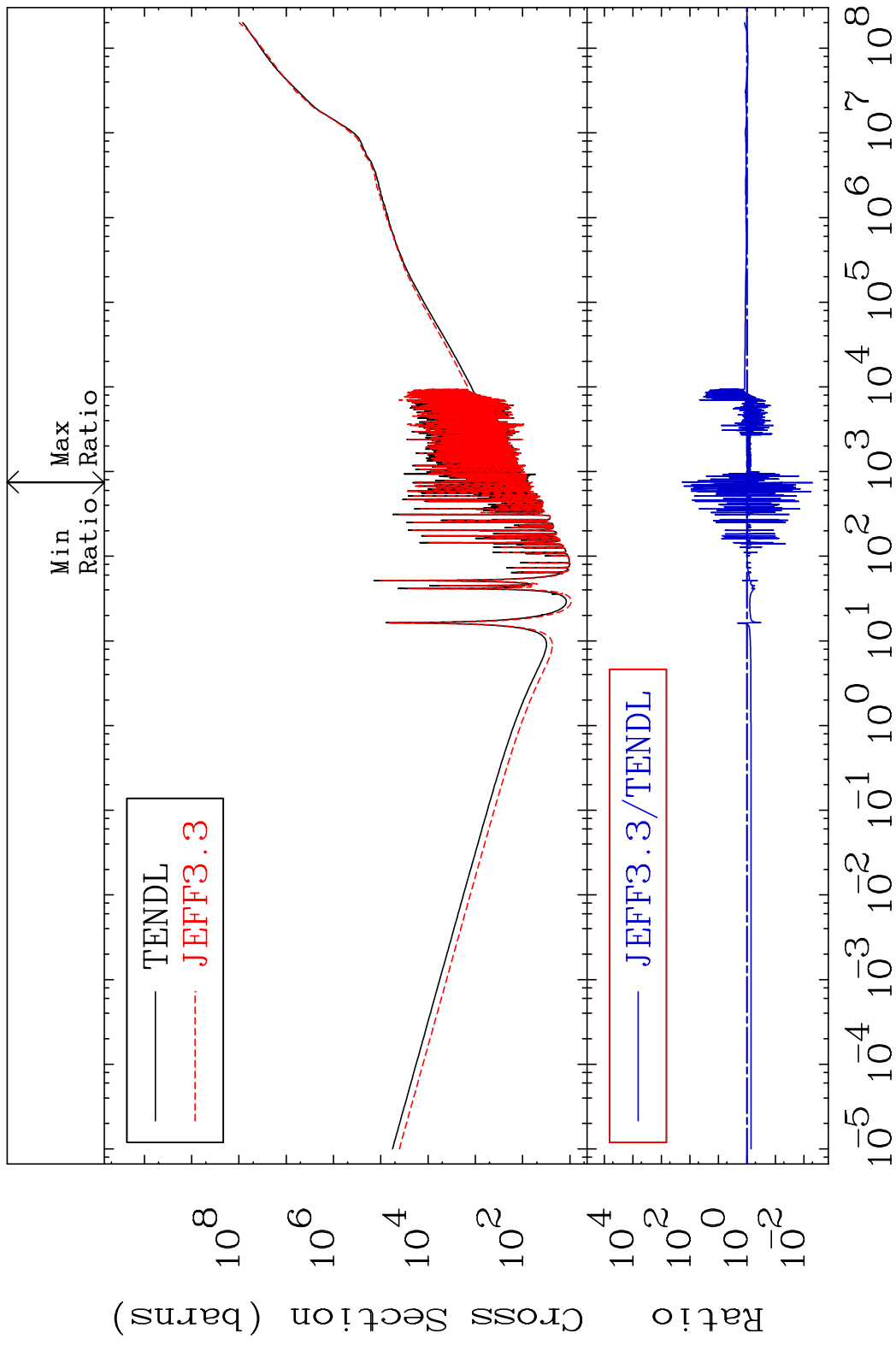
Total photon (eV-barns) 47-Ag-107  
Cross Section -99.88 To 9999. %



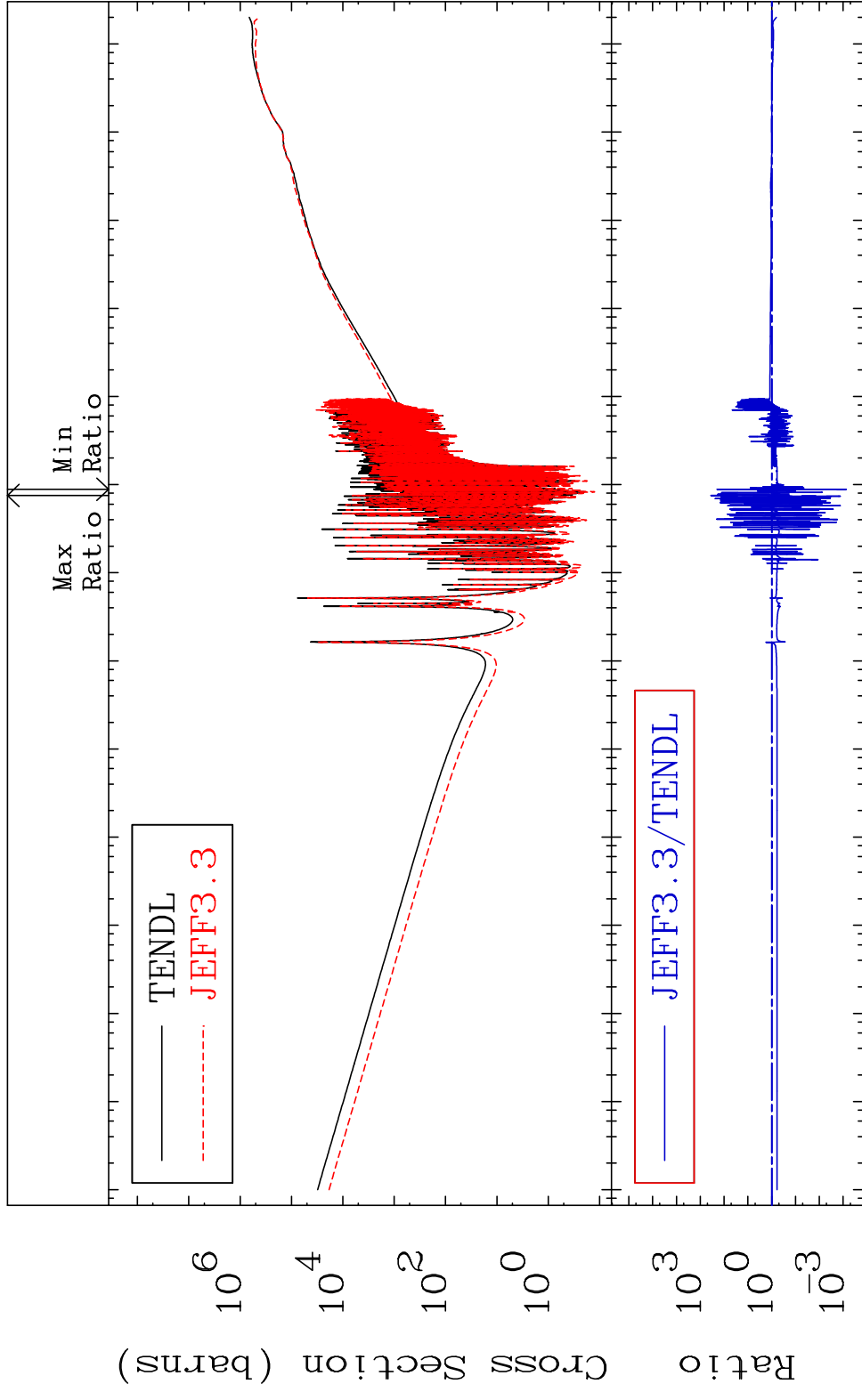
75

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. %

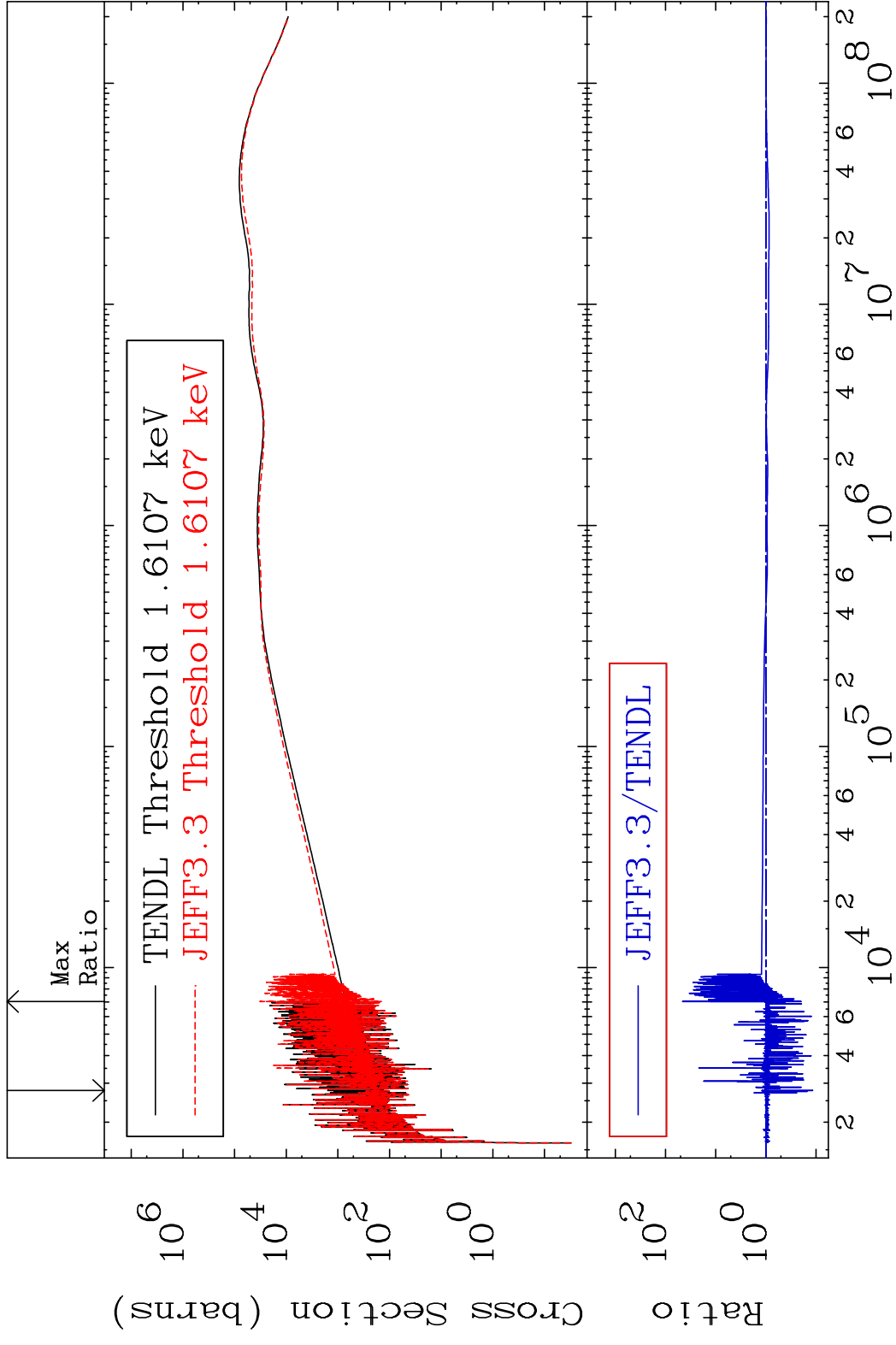


MAT 4725

Dpa elastic (mt2)

47-Ag-107

Cross Section -88.32 To 4521. %

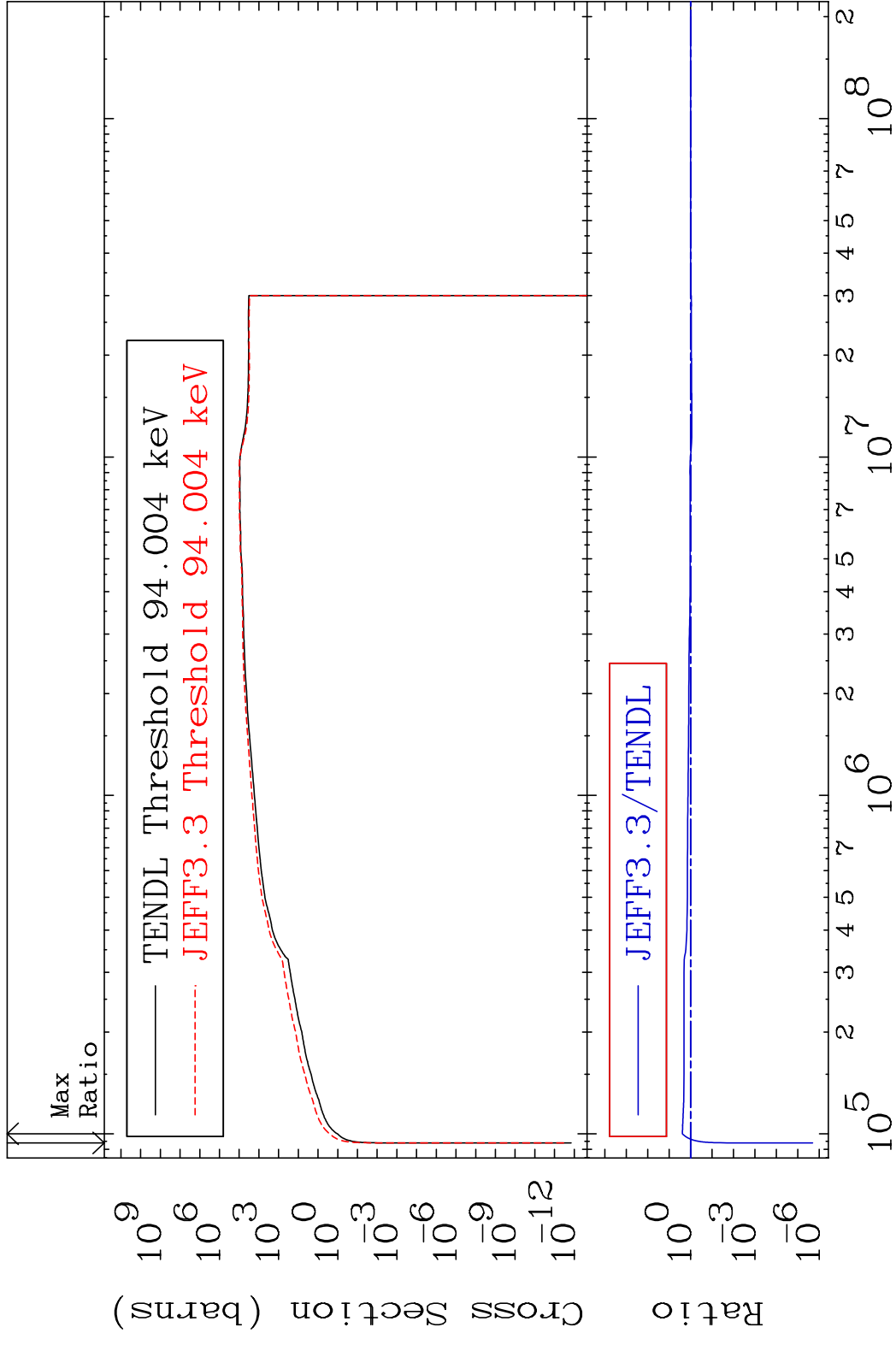


78

Incident Energy (eV)

47-Ag-107

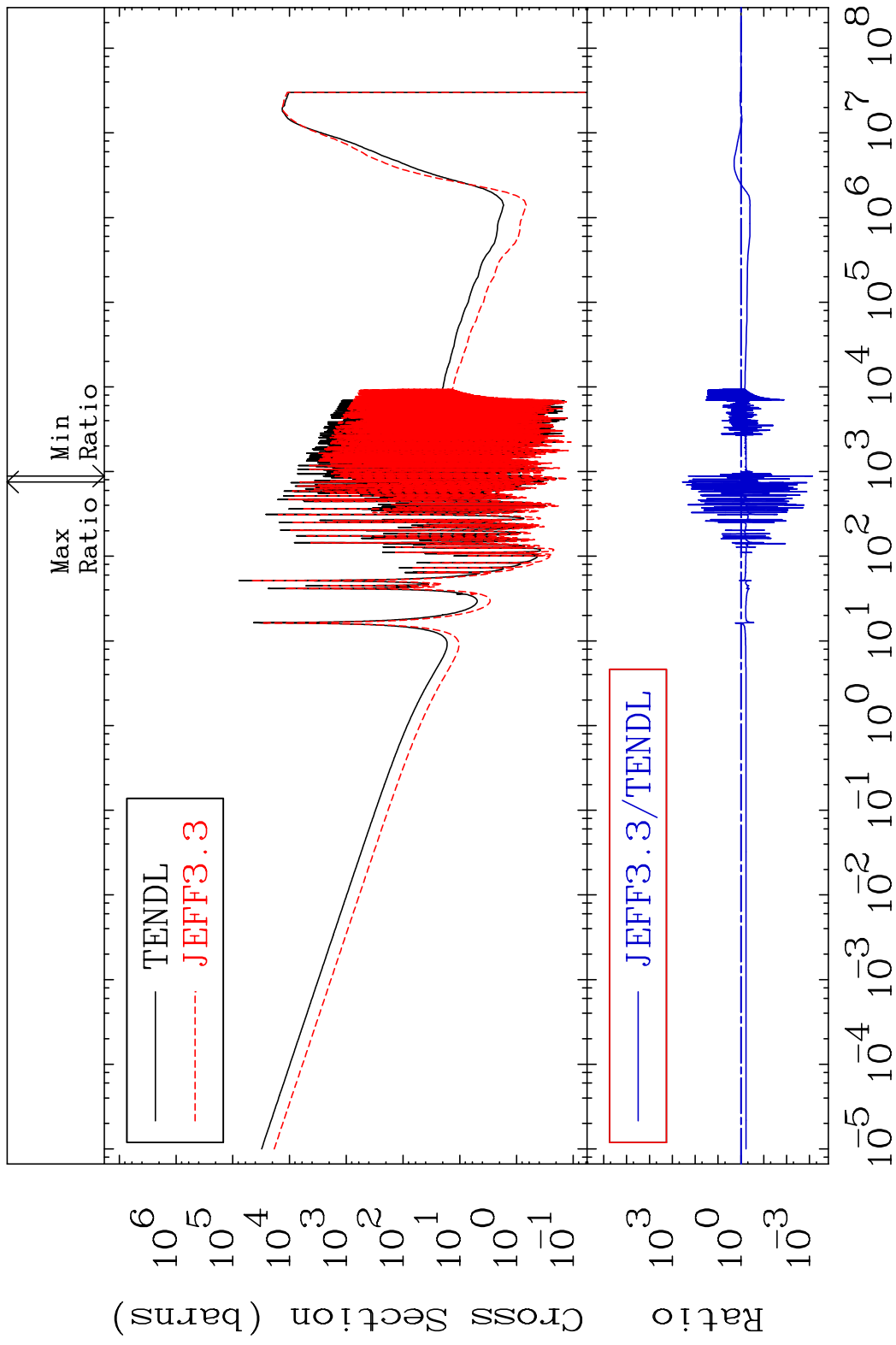
MAT 4725 Dpa inelastic (mt51-91) 47-Ag-107  
 Cross Section -100.0 To 142.4 %

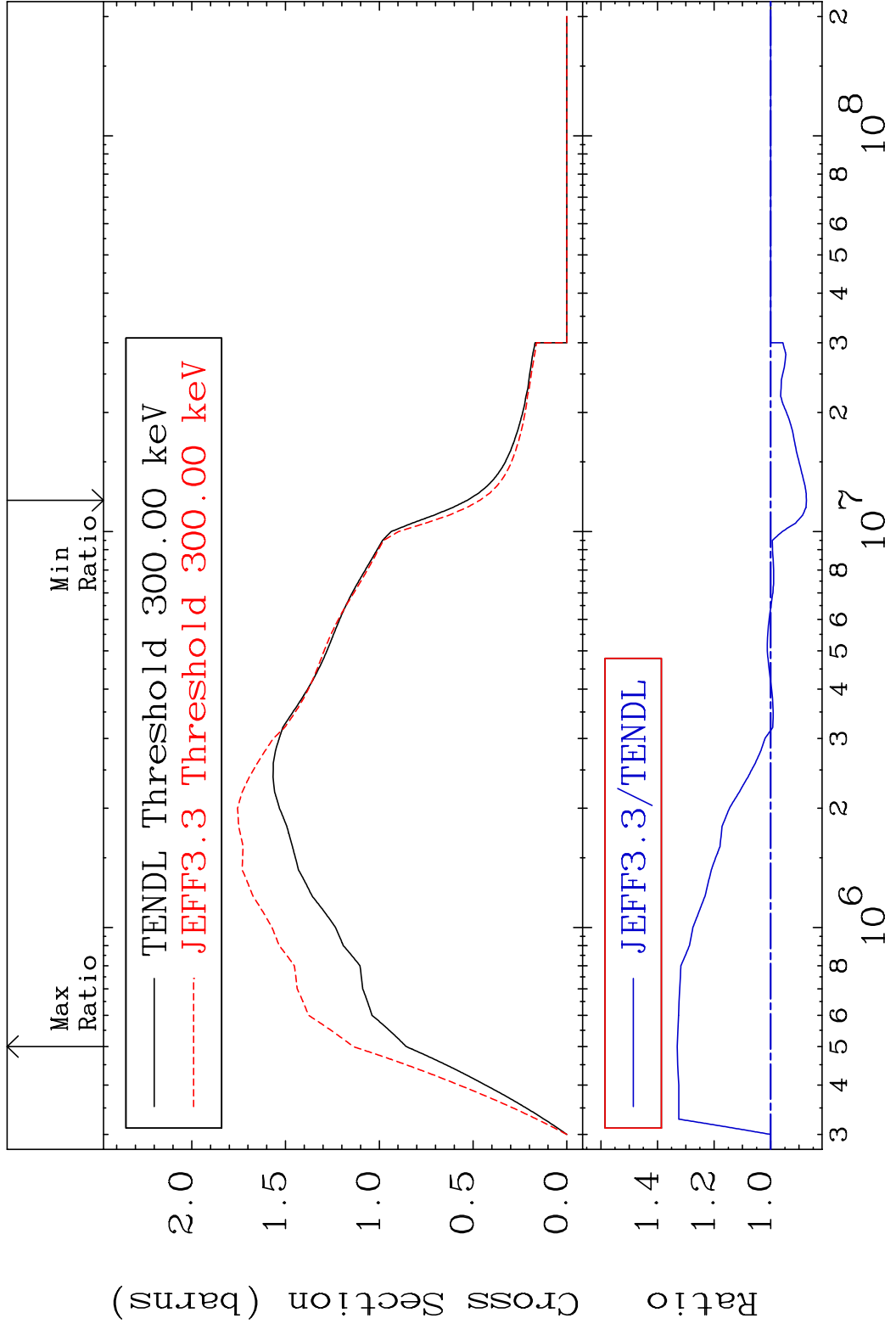


79 Incident Energy (eV) 47-Ag-107

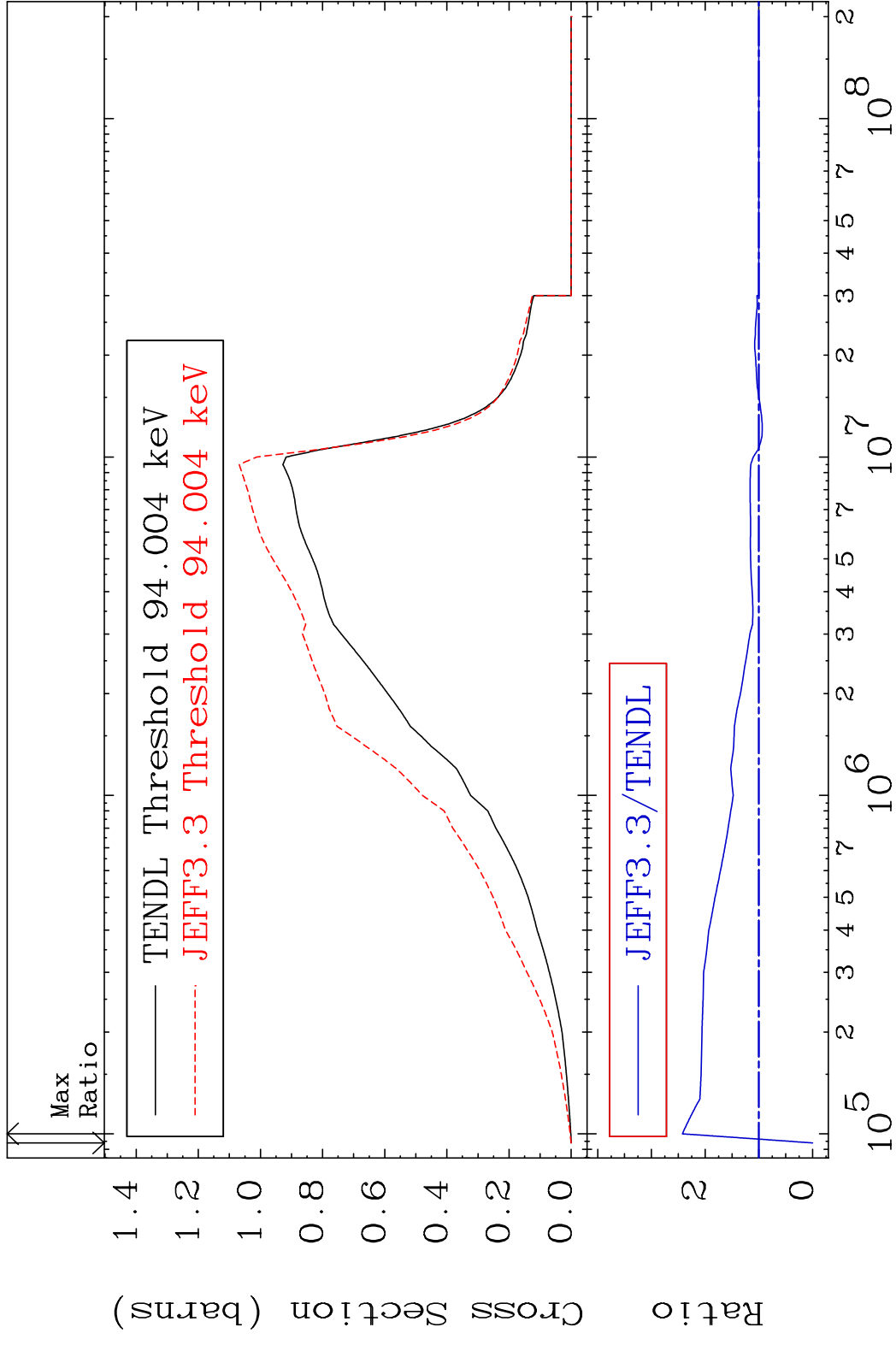


MAT 4725 Dpa disappearance (mt102 -120) 47-Ag-107  
 Cross Section -99.93 To 9999. %



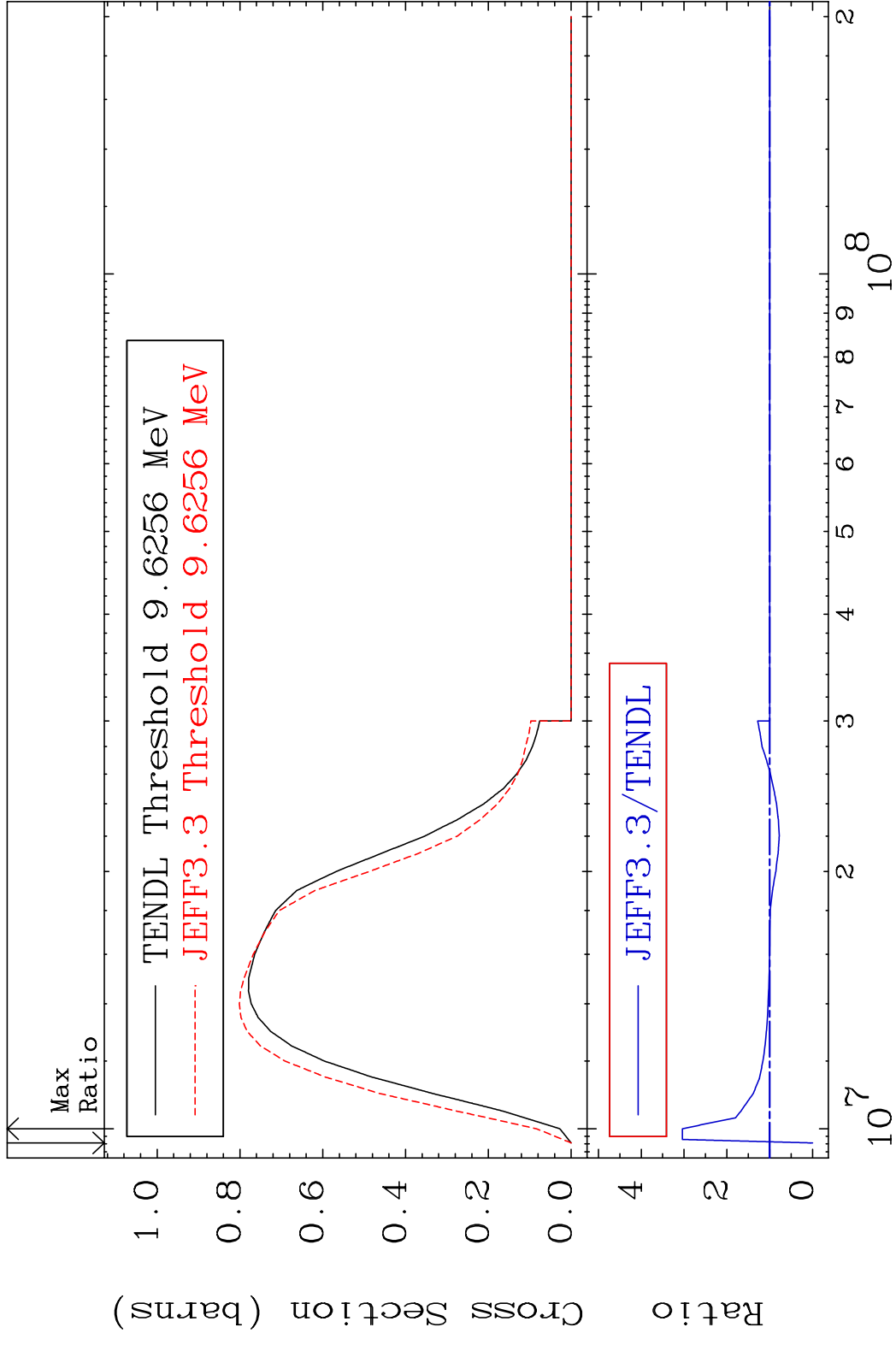


MAT 4725 Inelastic:47-Ag-107m1 47-Ag-107  
 Radionuclide Production Cross Section 180.01 dno 142.4 %

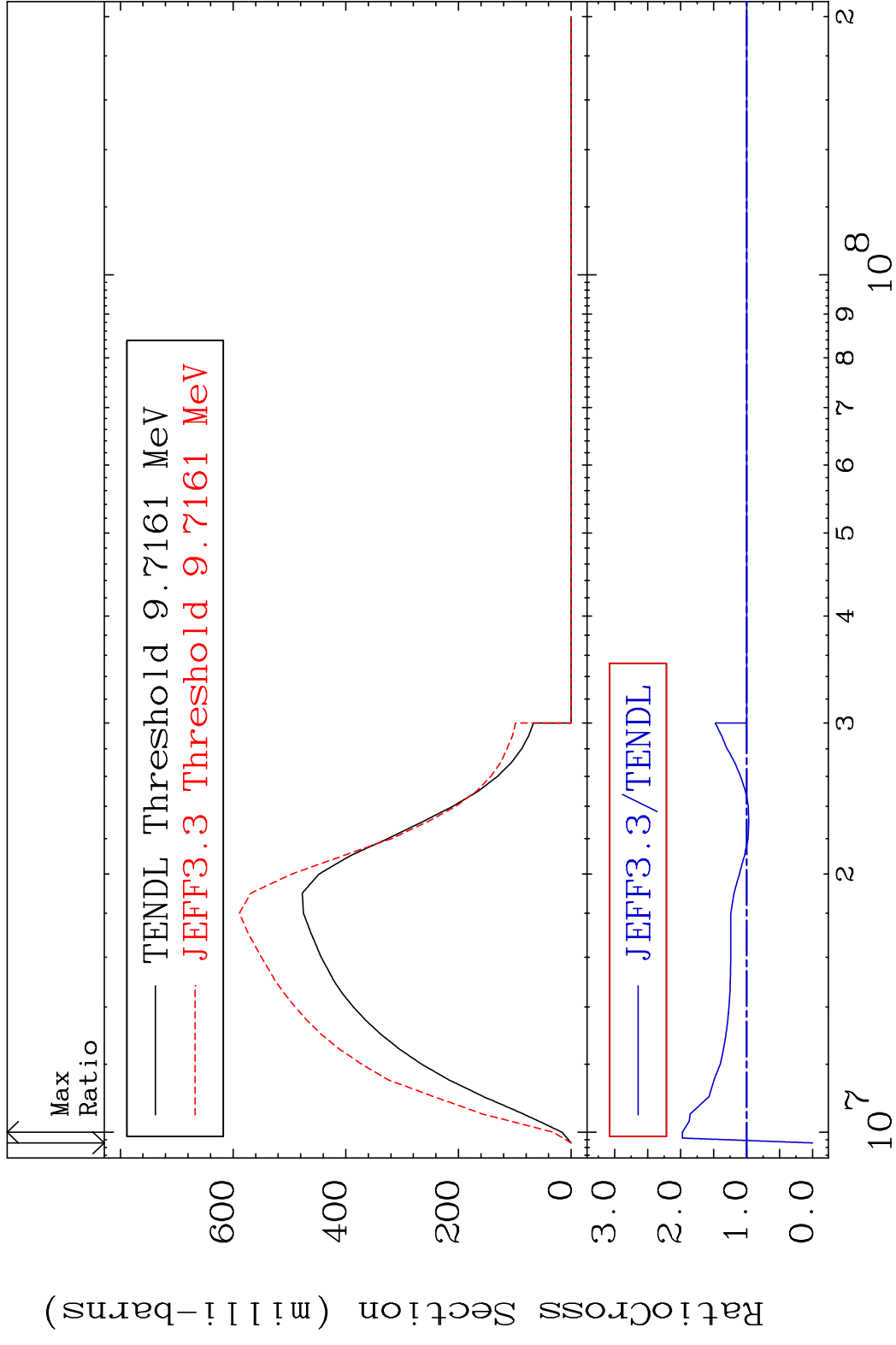


82 Incident Energy (eV) 47-Ag-107

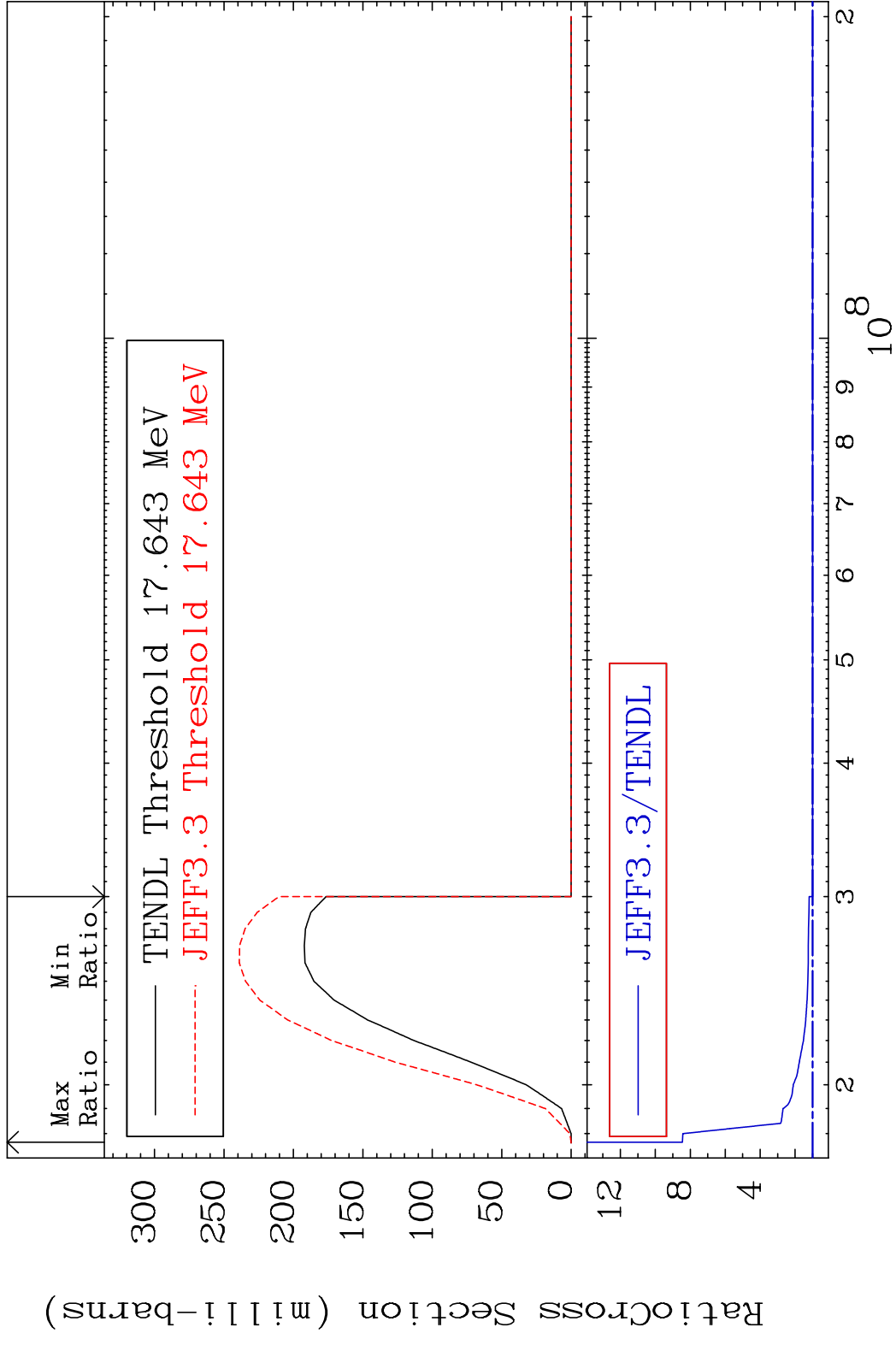
MAT 4725 (n,2n):47-Ag-106g 47-Ag-107  
 Radionuclide Production Cross Section Ratio 204.0 %

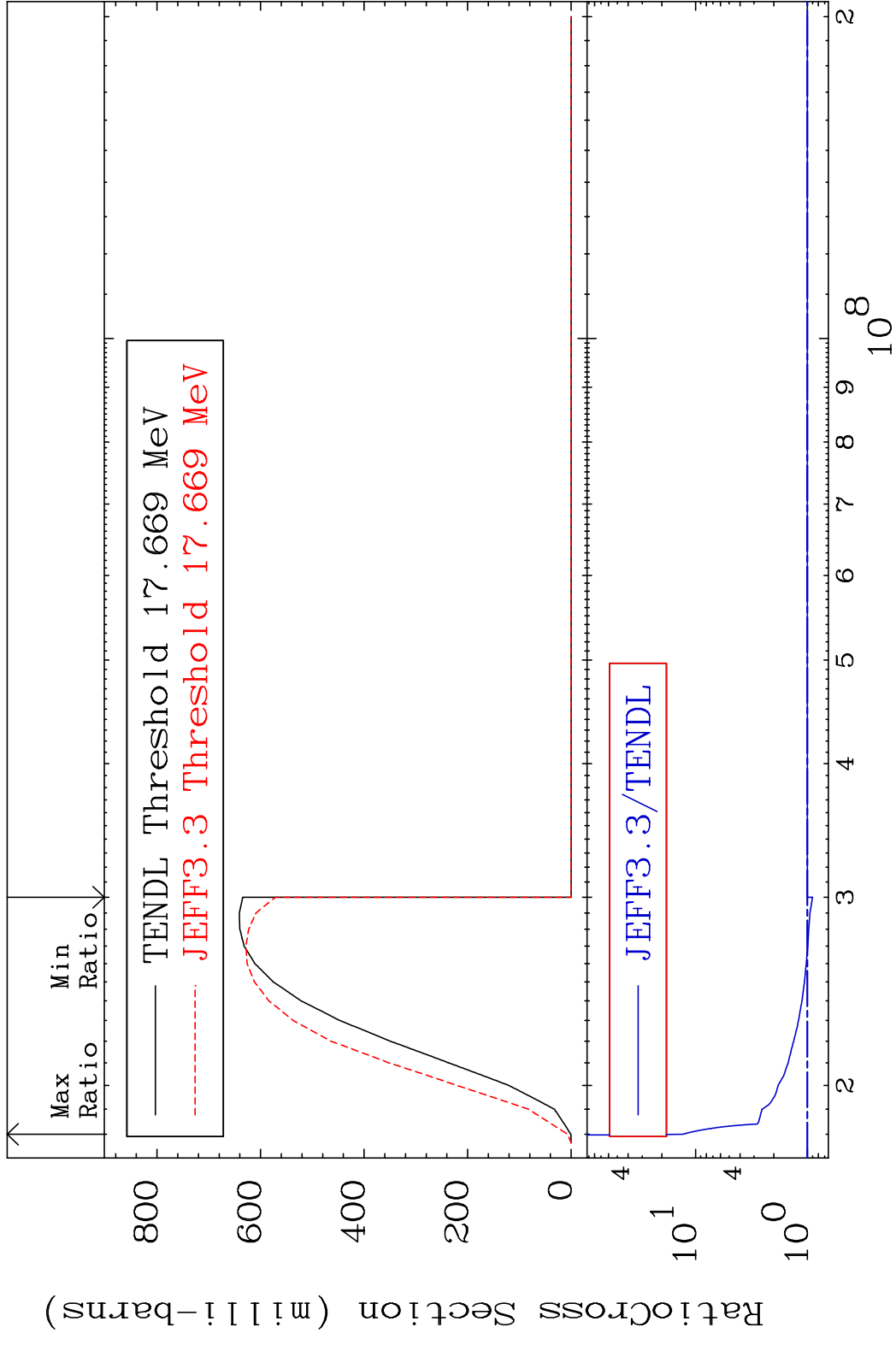


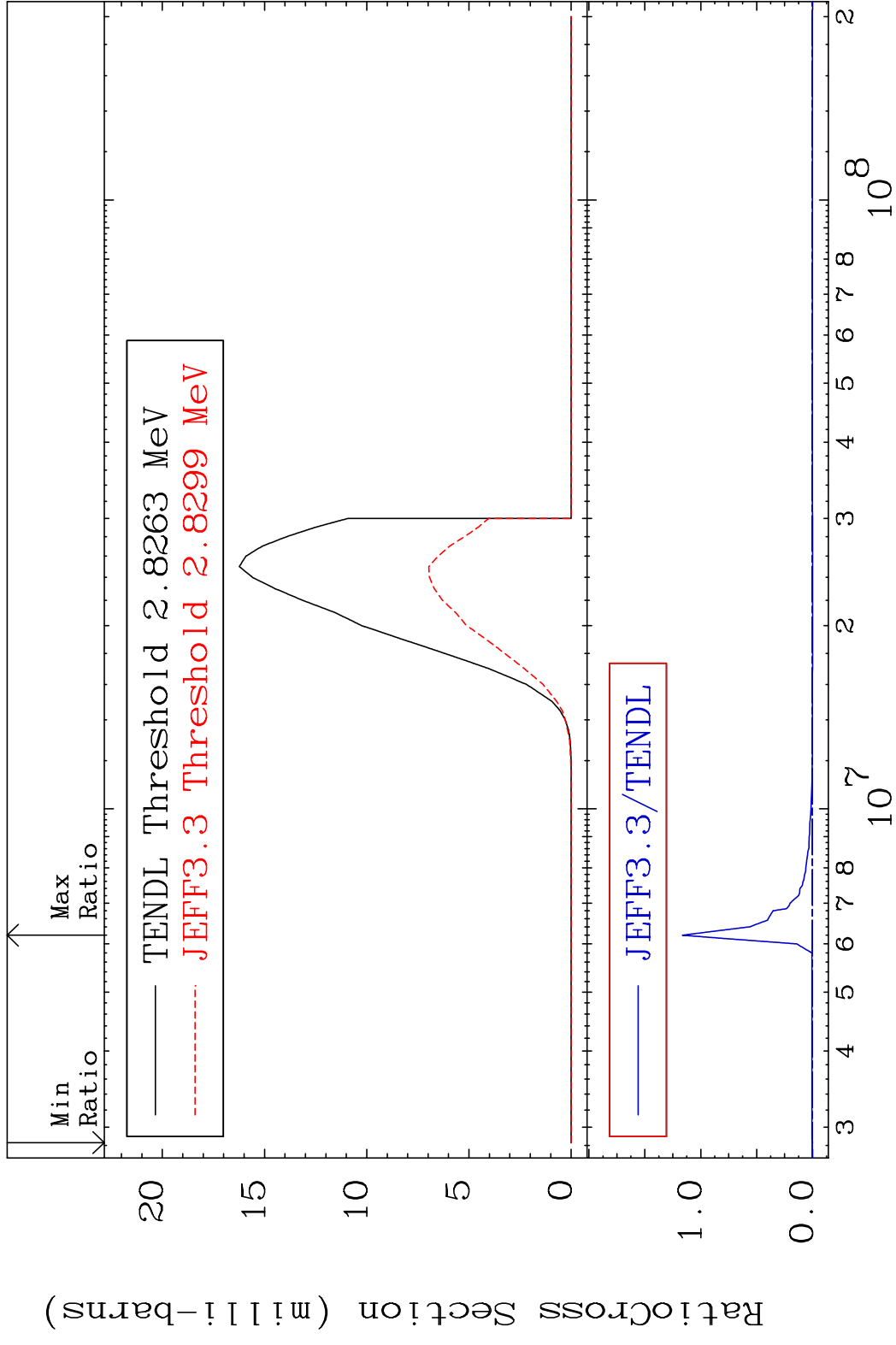
MAT 4725 (n,2n): 47-Ag-106m1 47-Ag-107  
 Radionuclide Production Cross Section Ratio 97.40 %



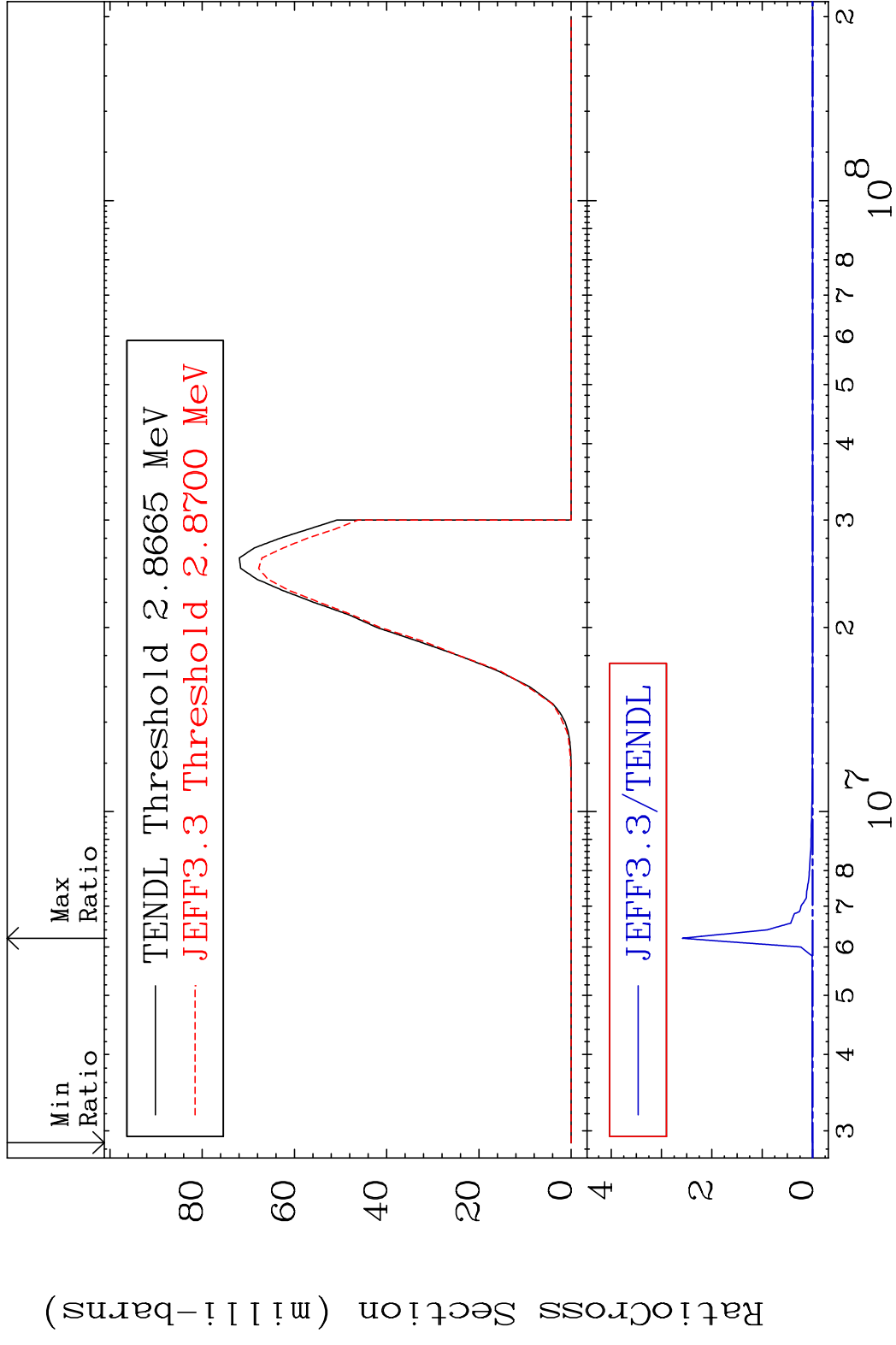
MAT 4725 (n,3n):47-Ag-105g 47-Ag-107  
 Radionuclide Production Cross Section 745.2 %

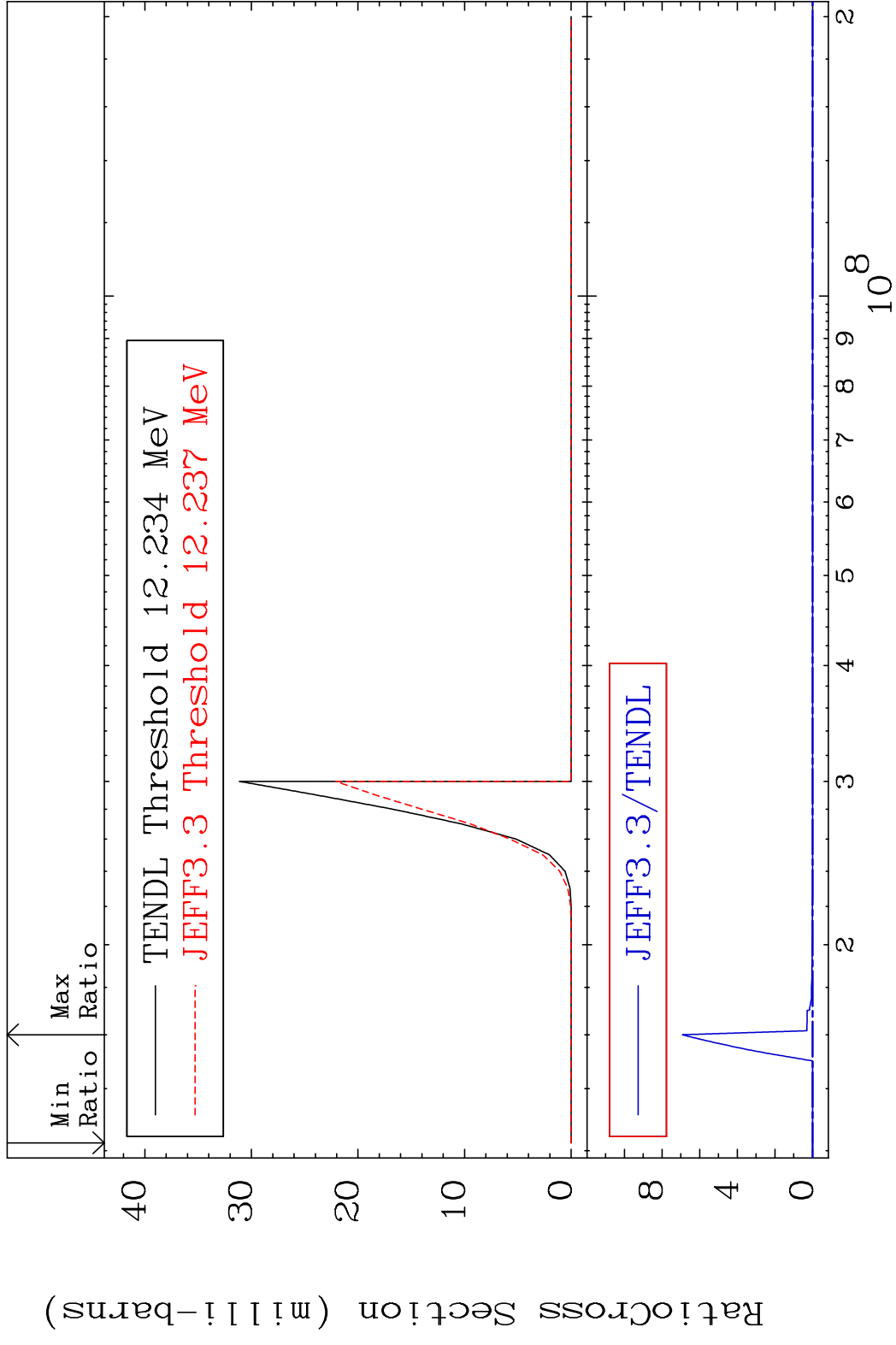


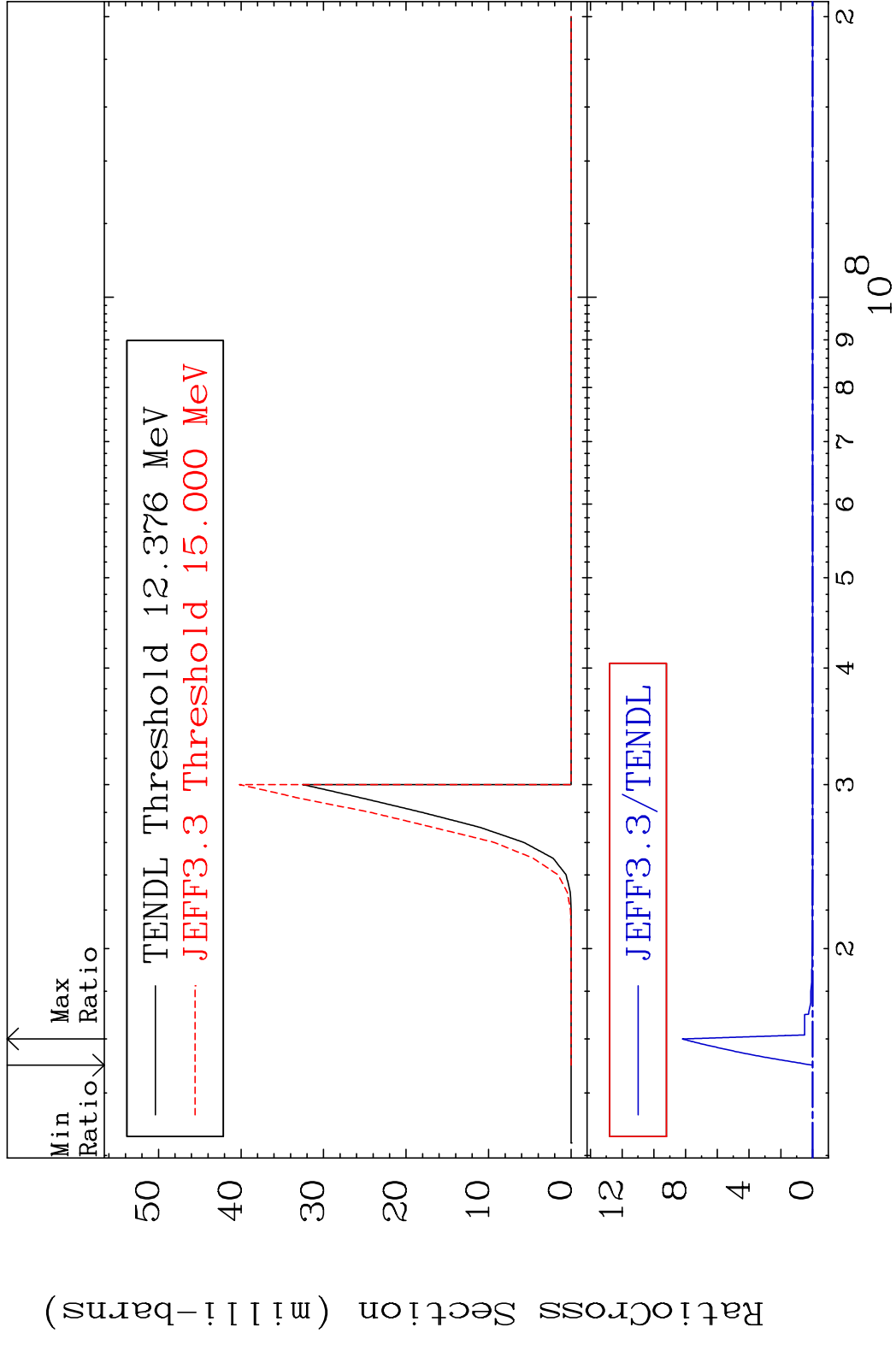


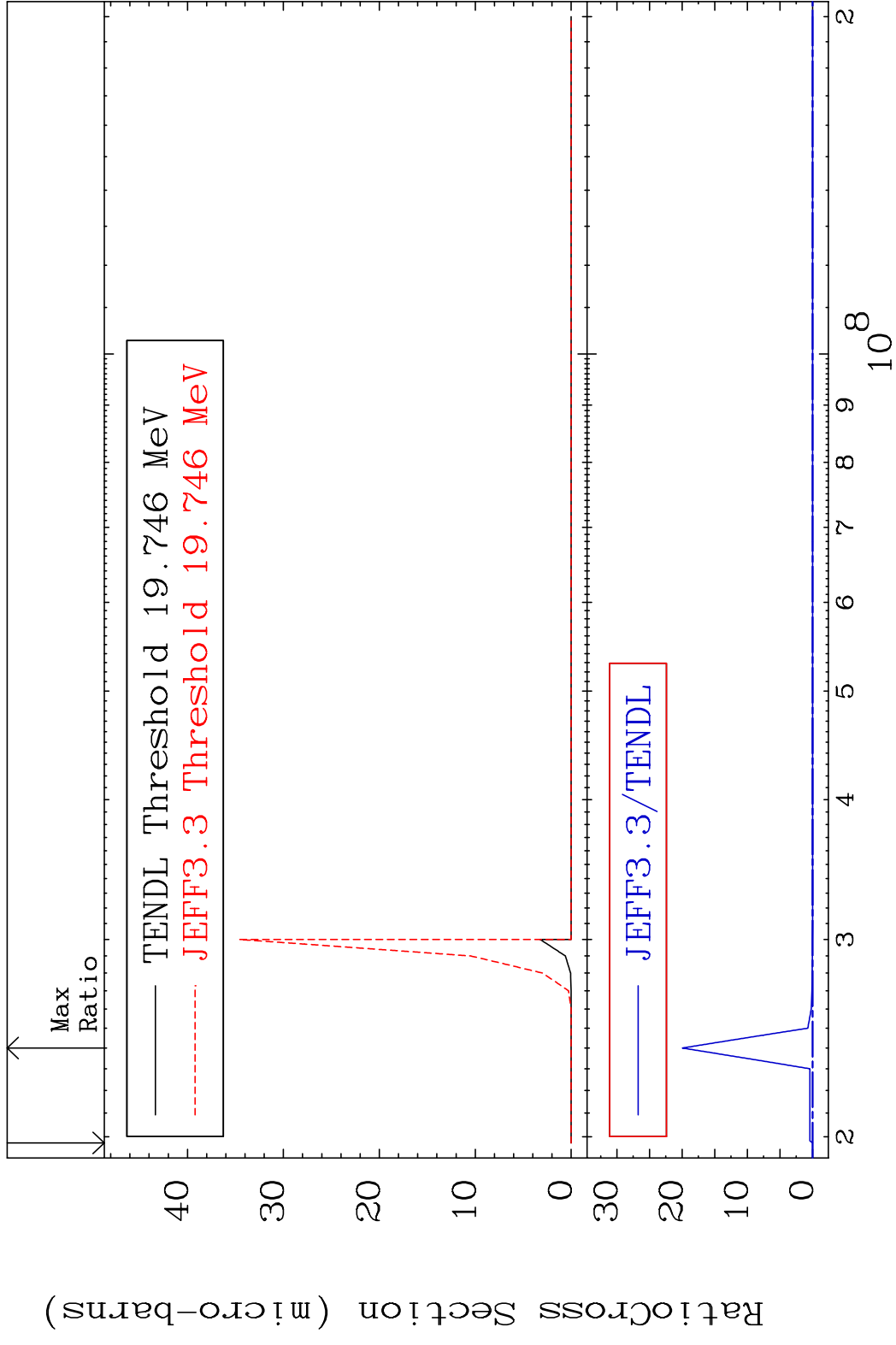




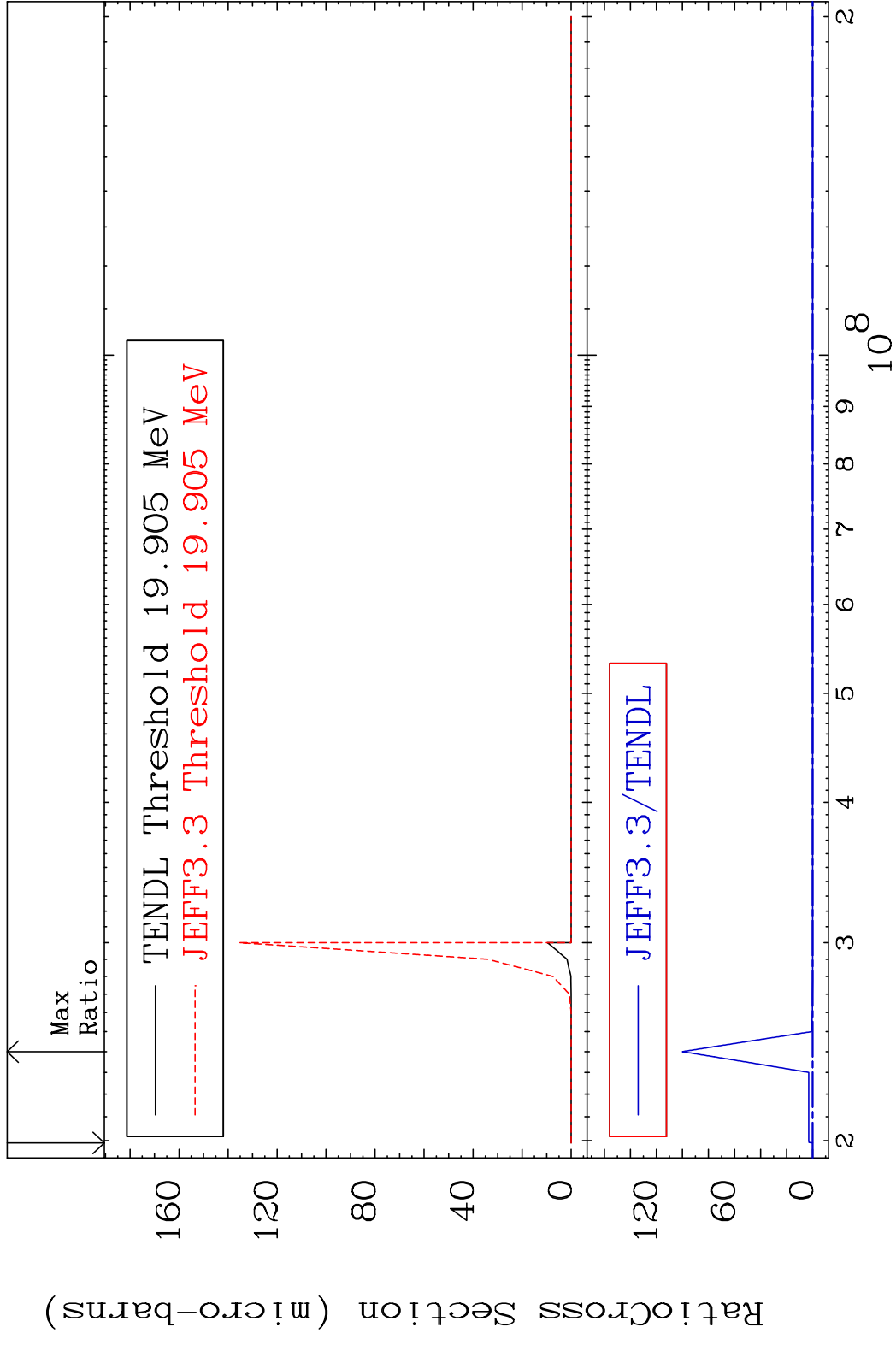


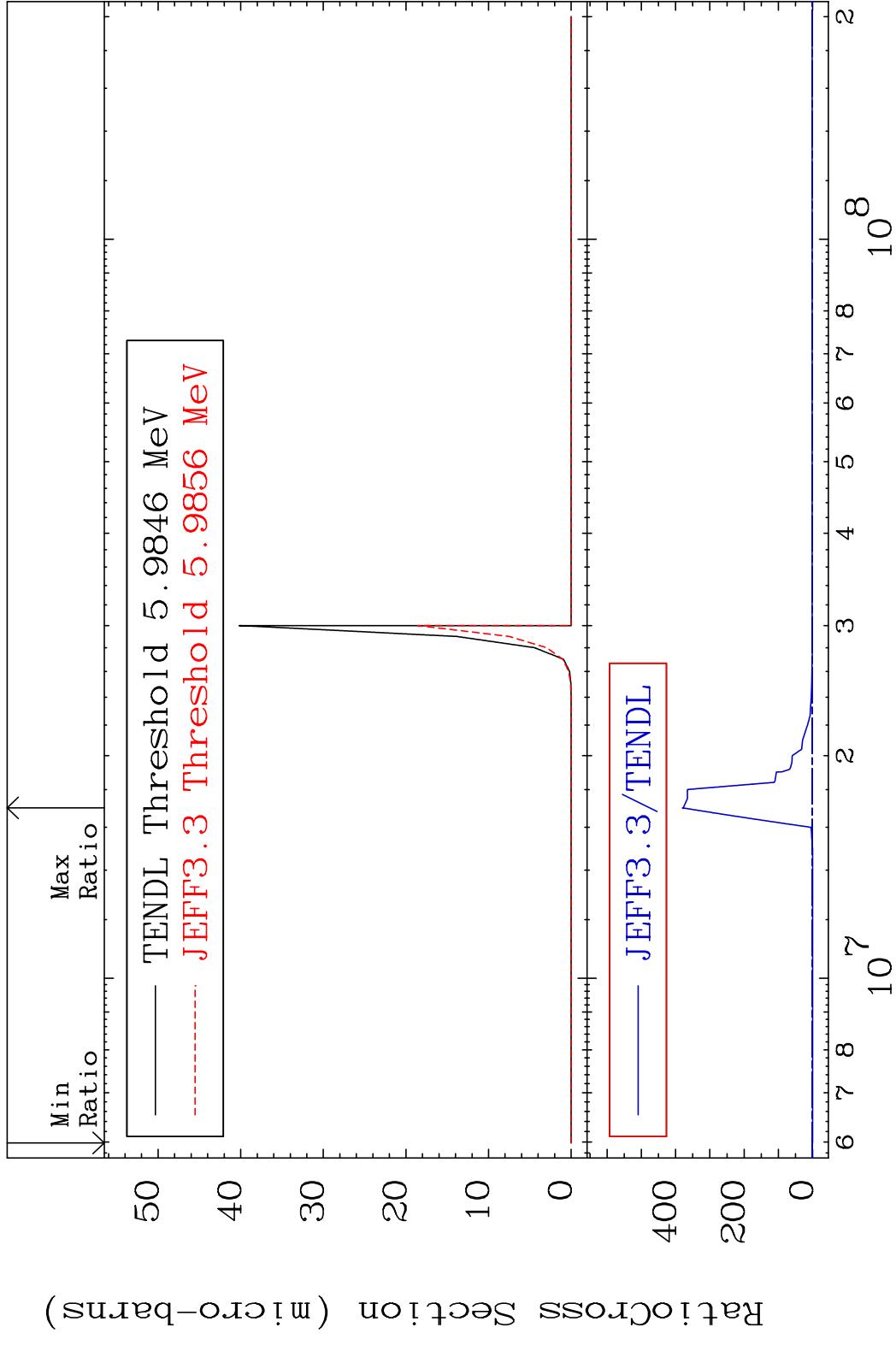


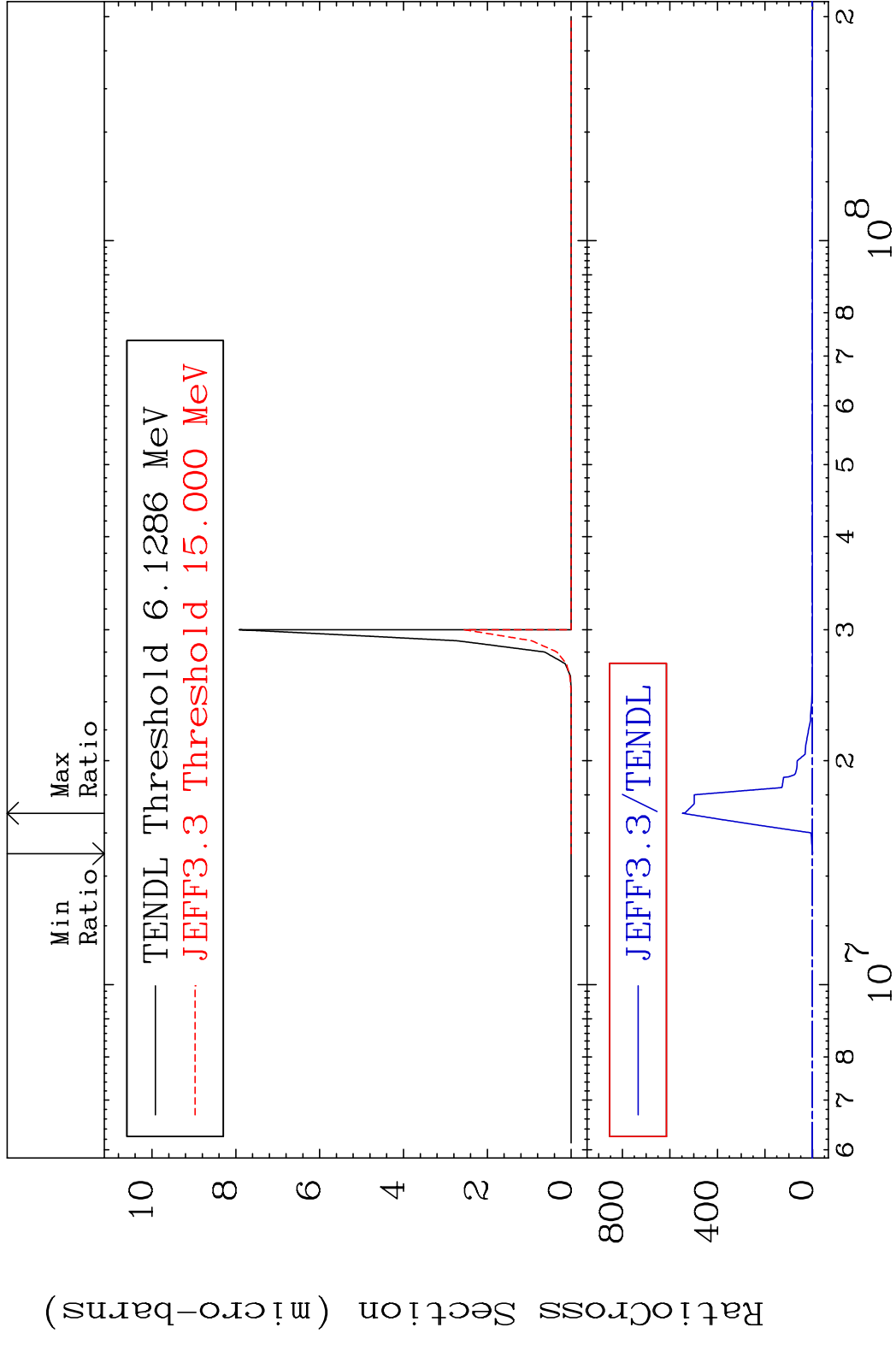




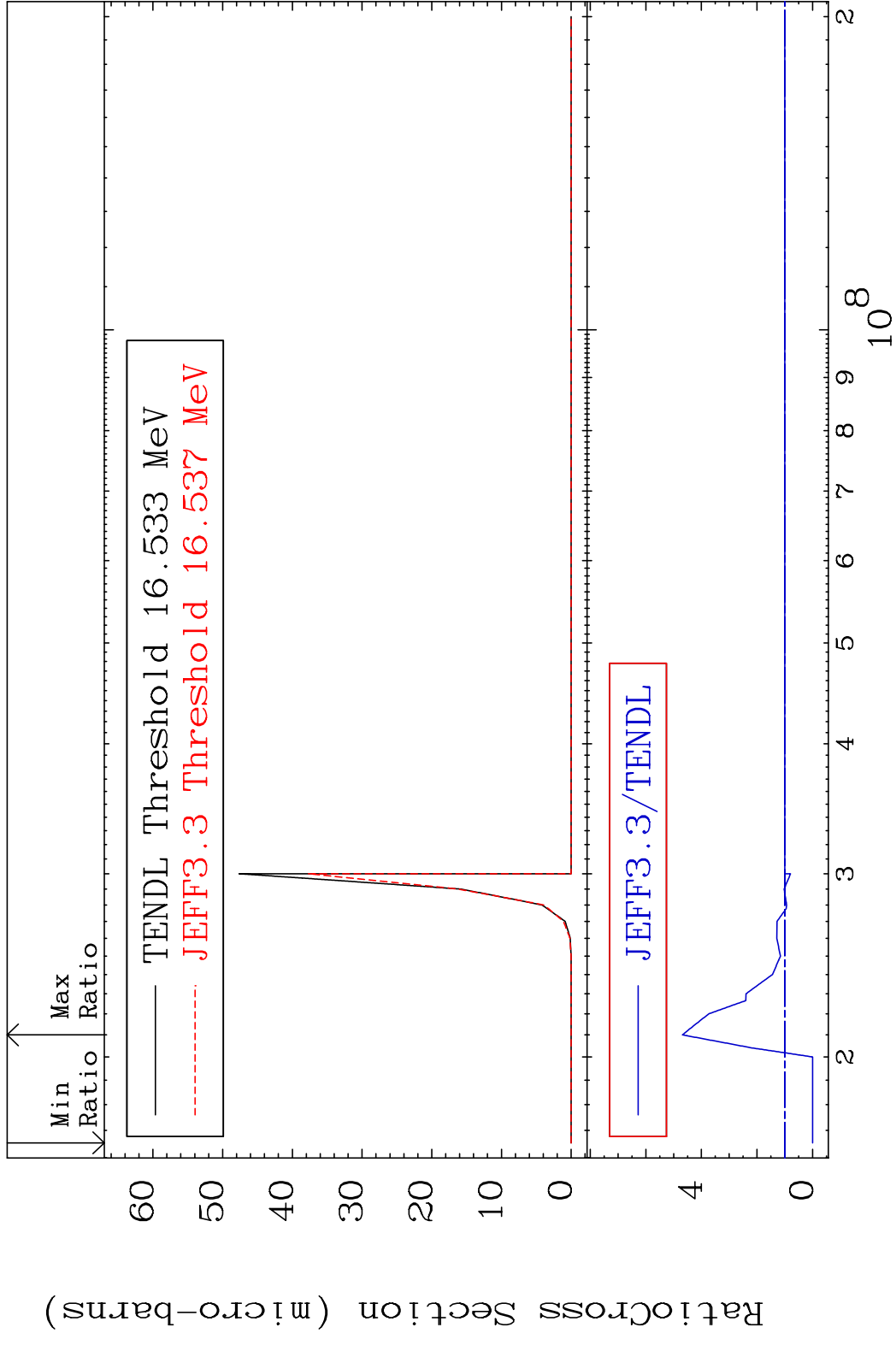
MAT 4725 (n,3n)  $\alpha$ :45-Rh-101m1 47-Ag-107  
 Radionuclide Production Cross Section 100.00 dth 9999. %





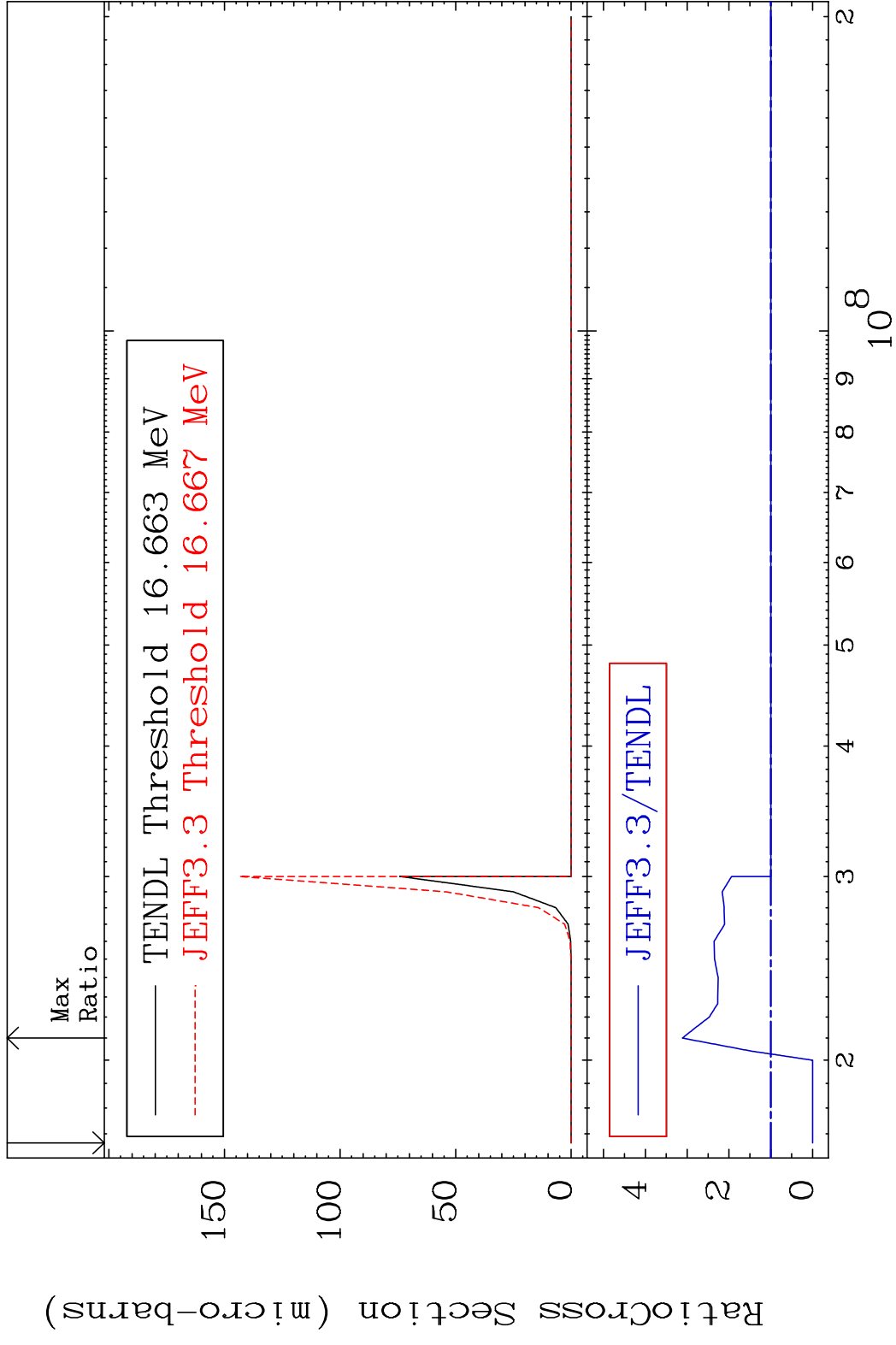


MAT 4725 (n, n') He-3:45-Rh-104g 47-Ag-107  
 Radionuclide Production Cross Section 180.0 dth 368.6 %

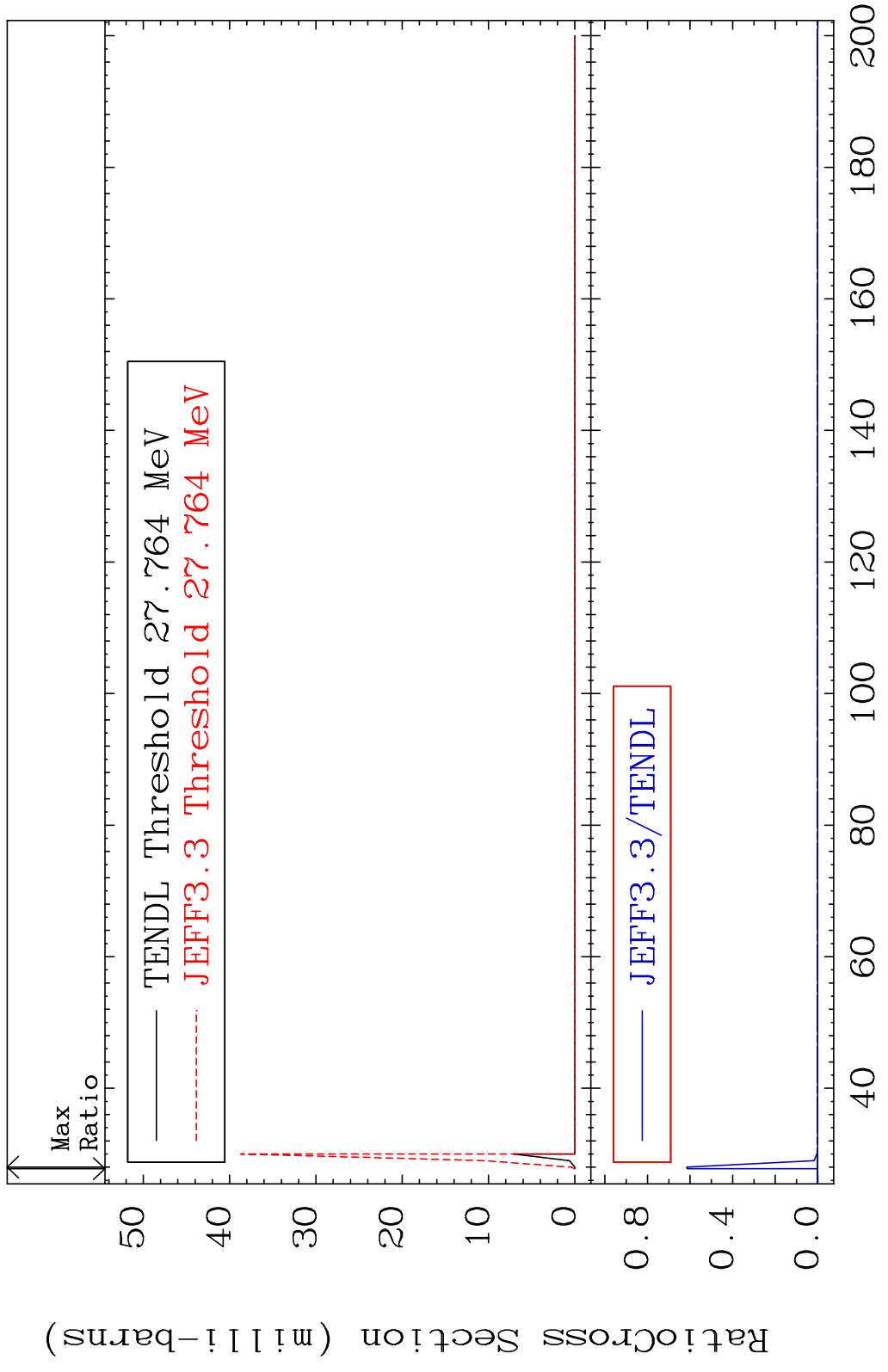


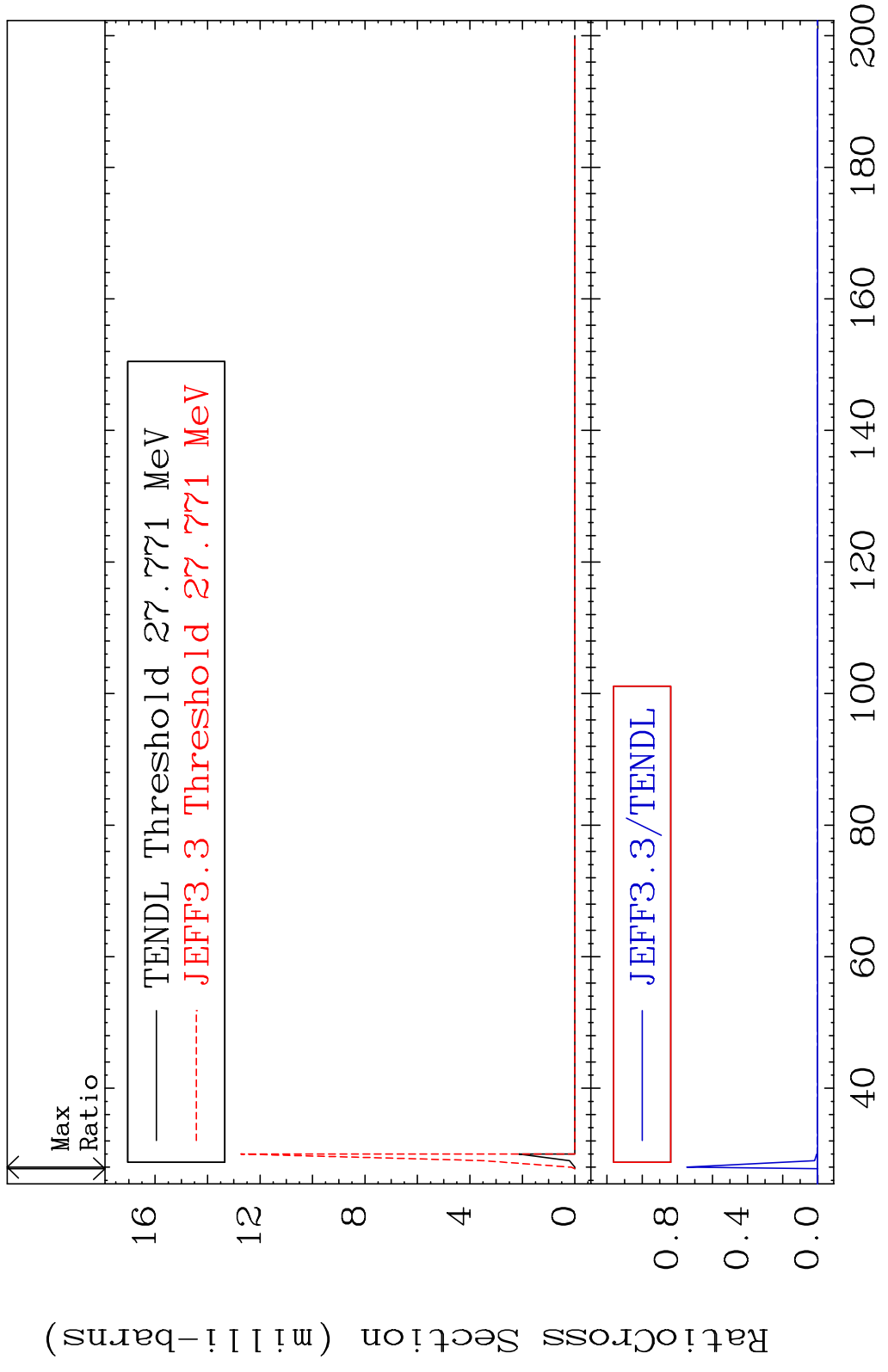


MAT 4725 (n, n') He-3:45-Rh-104m3 47-Ag-107  
 Radionuclide Production Cross Section 180.01 dth 211.5 %

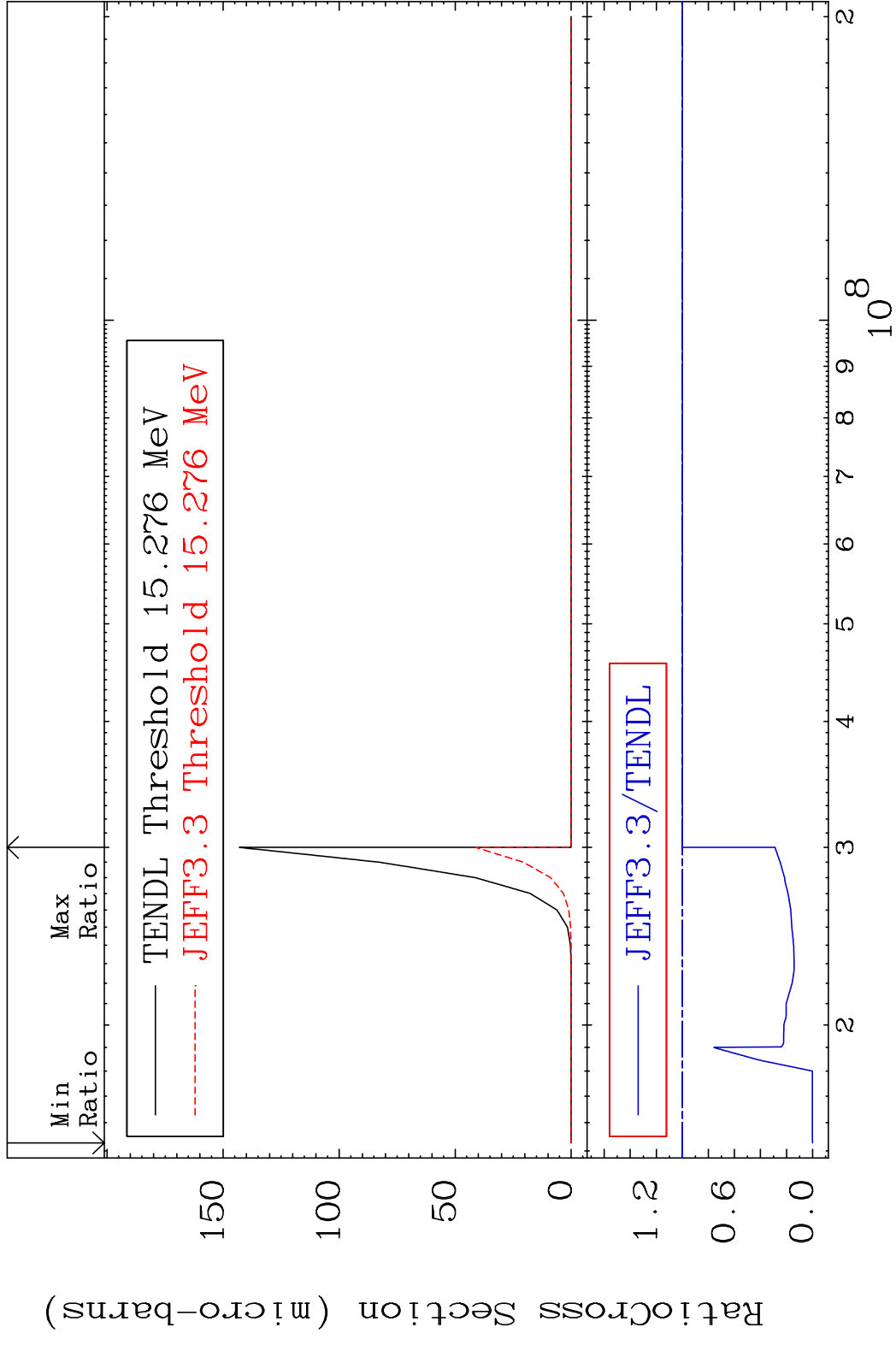


MAT 4725 (n,4n):47-Ag-104g 47-Ag-107  
 Radionuclide Production Cross Section Ratio 9999. %

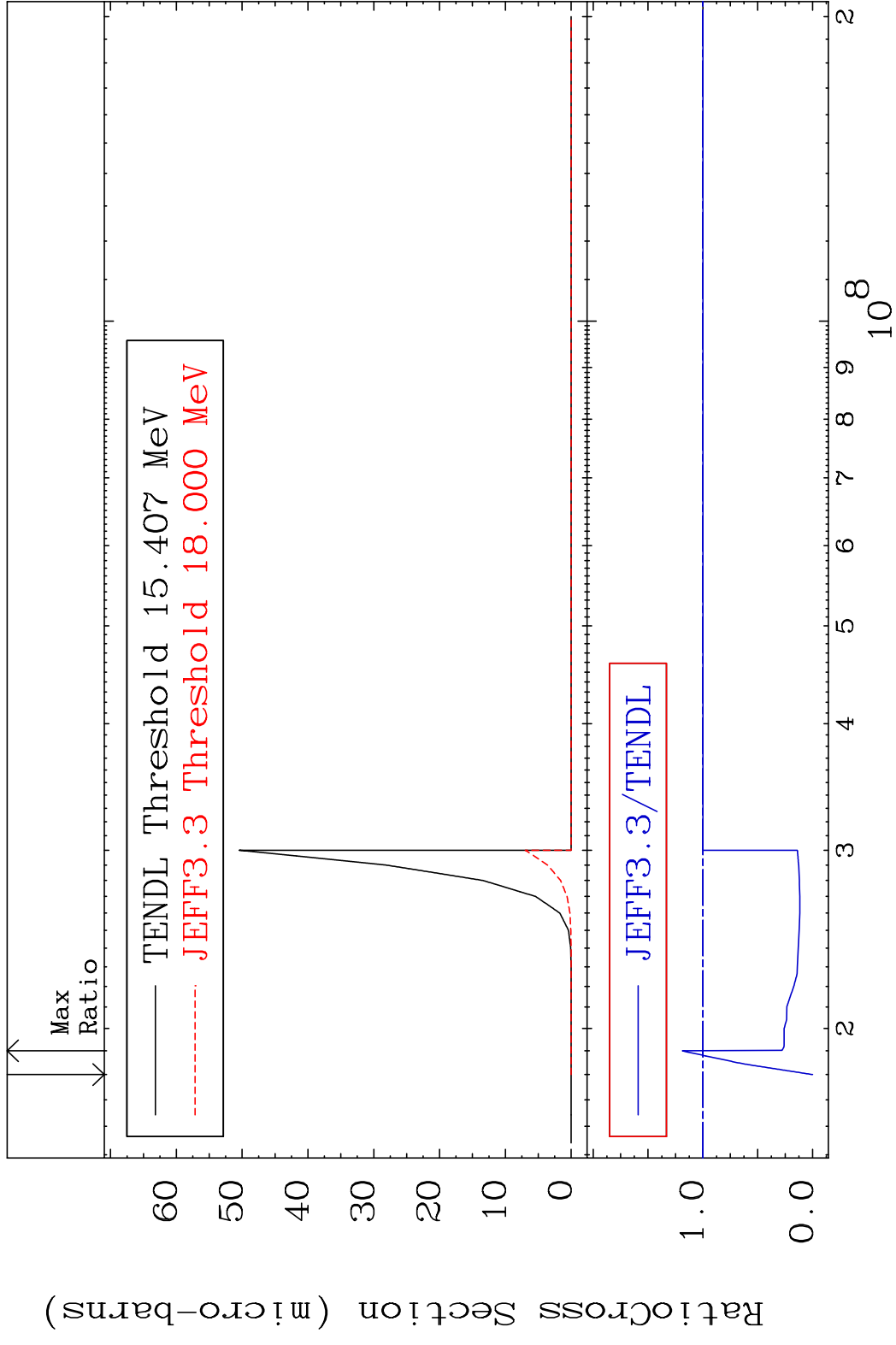




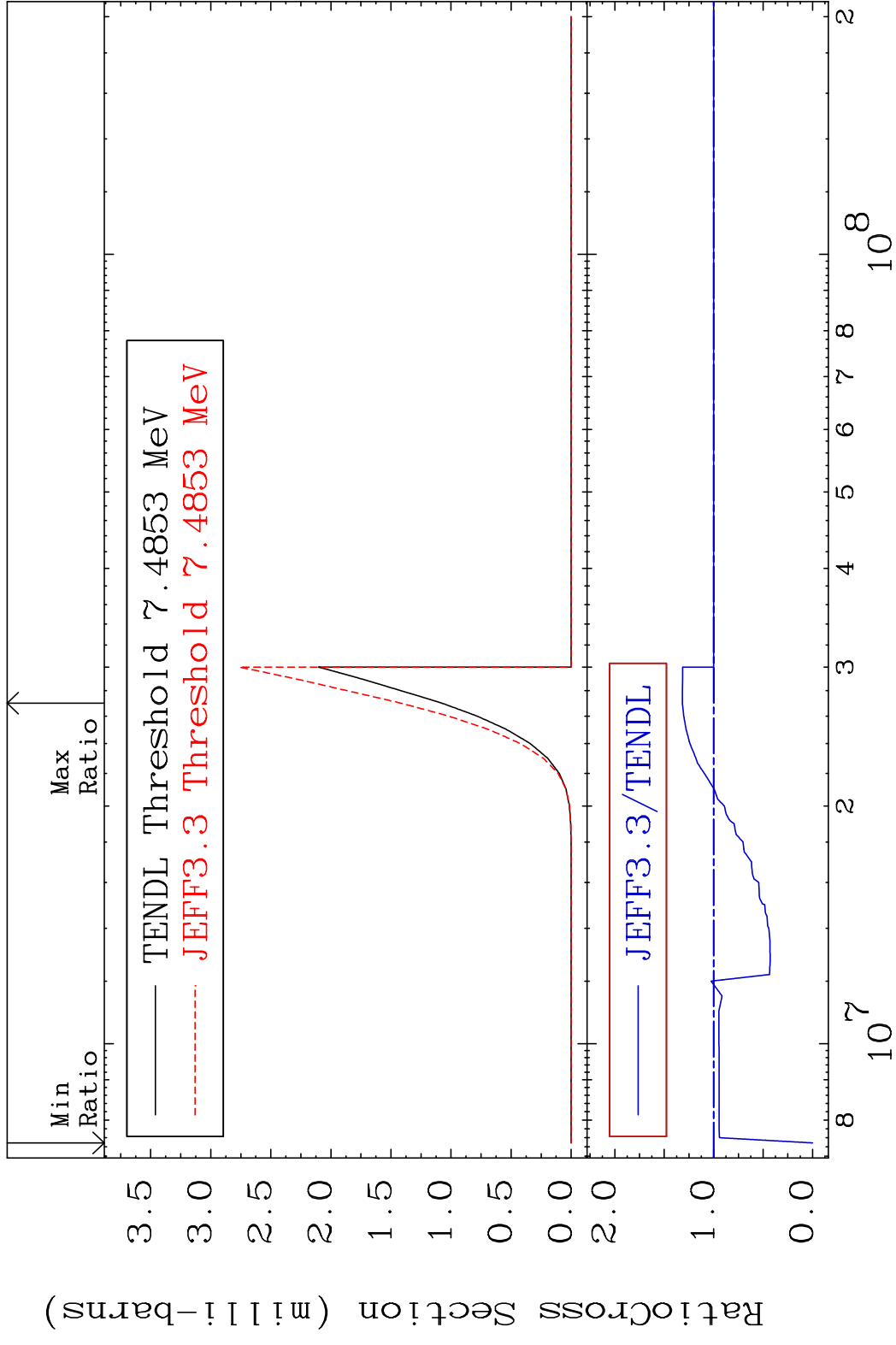
MAT 4725 (n,2n) p:45-Rh-105g 47-Ag-107  
 Radionuclide Production Cross Section 180.01 dth 0.000 %



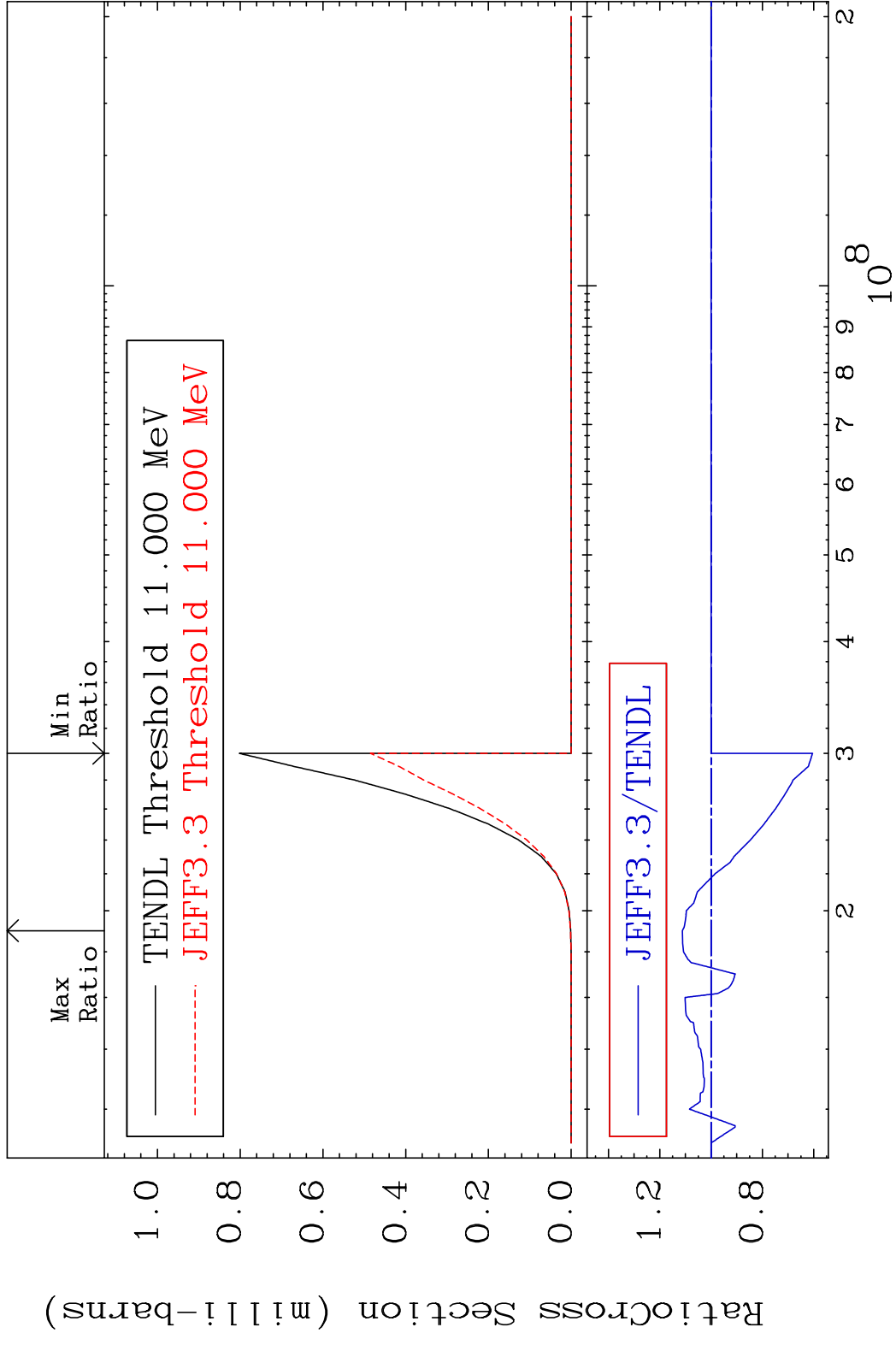
MAT 4725 (n,2n) p:45-Rh-105m1 47-Ag-107  
 Radionuclide Production Cross Section 18.000 MeV  
 Ratio 18.72 %



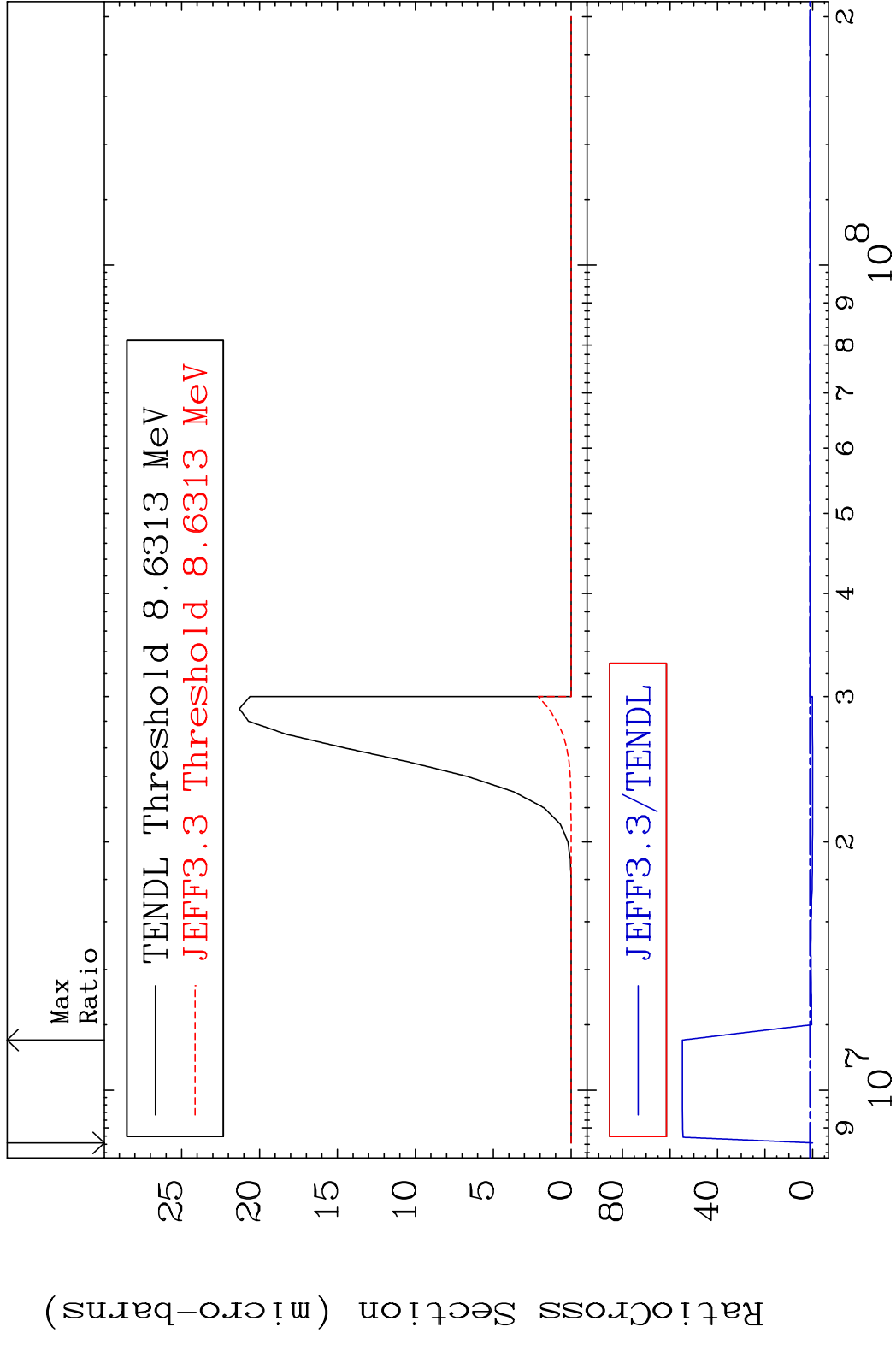
MAT 4725 (n, He-3): 45-Rh-105g 47-Ag-107  
 Radionuclide Production Cross Section Ratio 31.67 %



MAT 4725 (n, He-3) : 45-Rh-105m1 47-Ag-107  
 Radionuclide Production Cross Section 39.54 d10 11.19 %

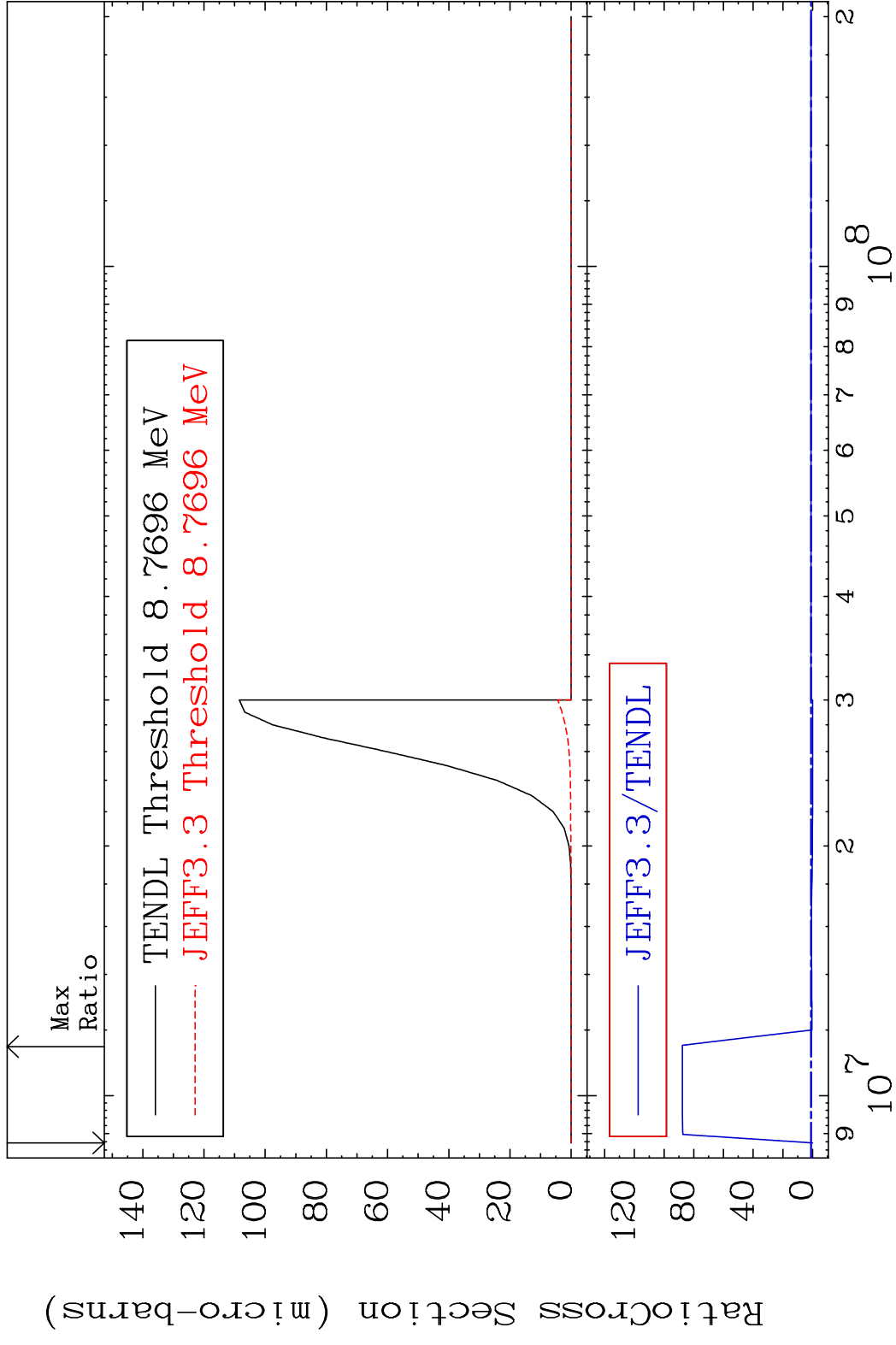


MAT 4725 (n,2p):45-Rh-106g 47-Ag-107  
 Radionuclide Production Cross Section (micro-barns) 5379. %

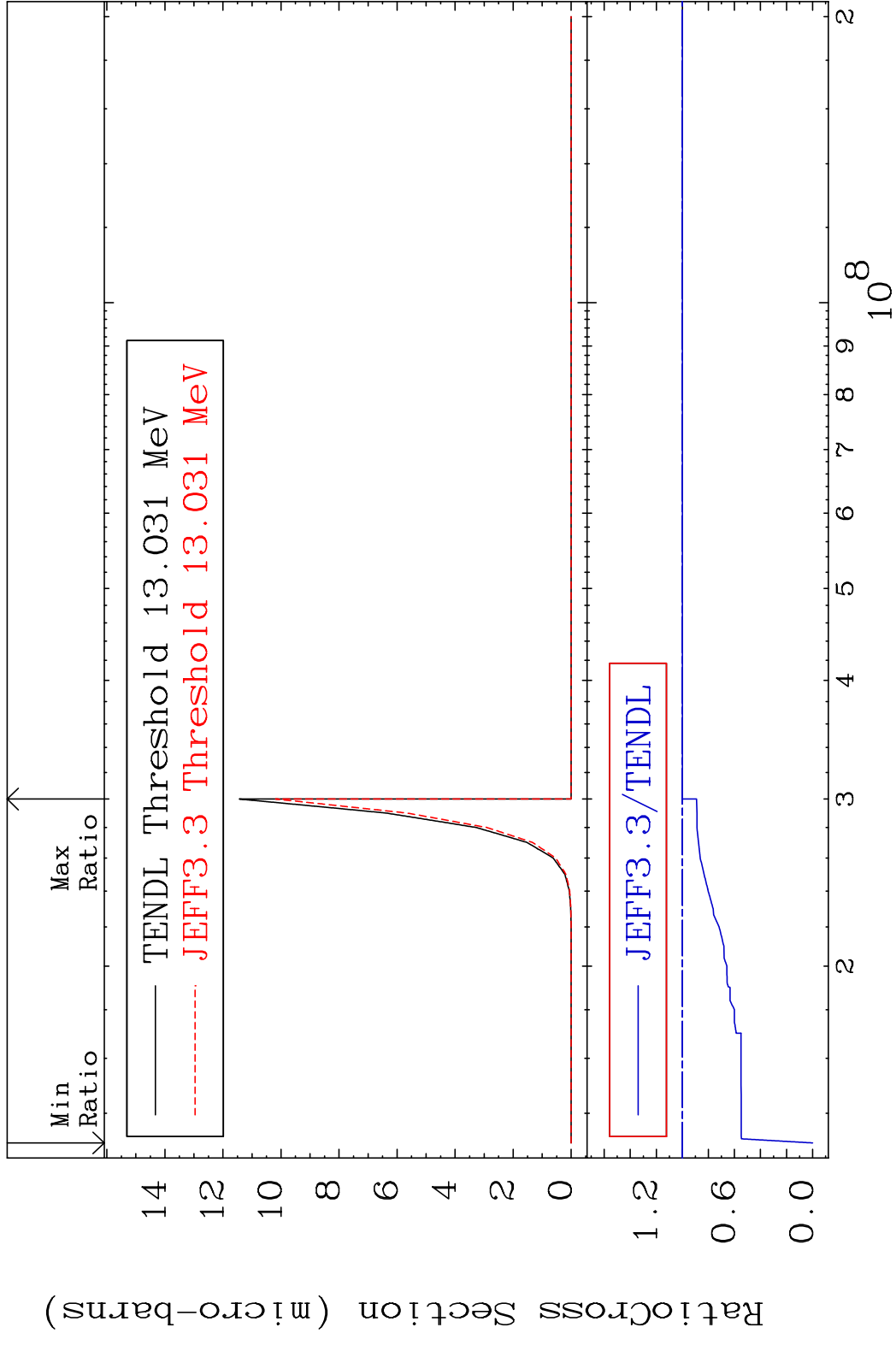


103 Incident Energy (eV) 47-Ag-107

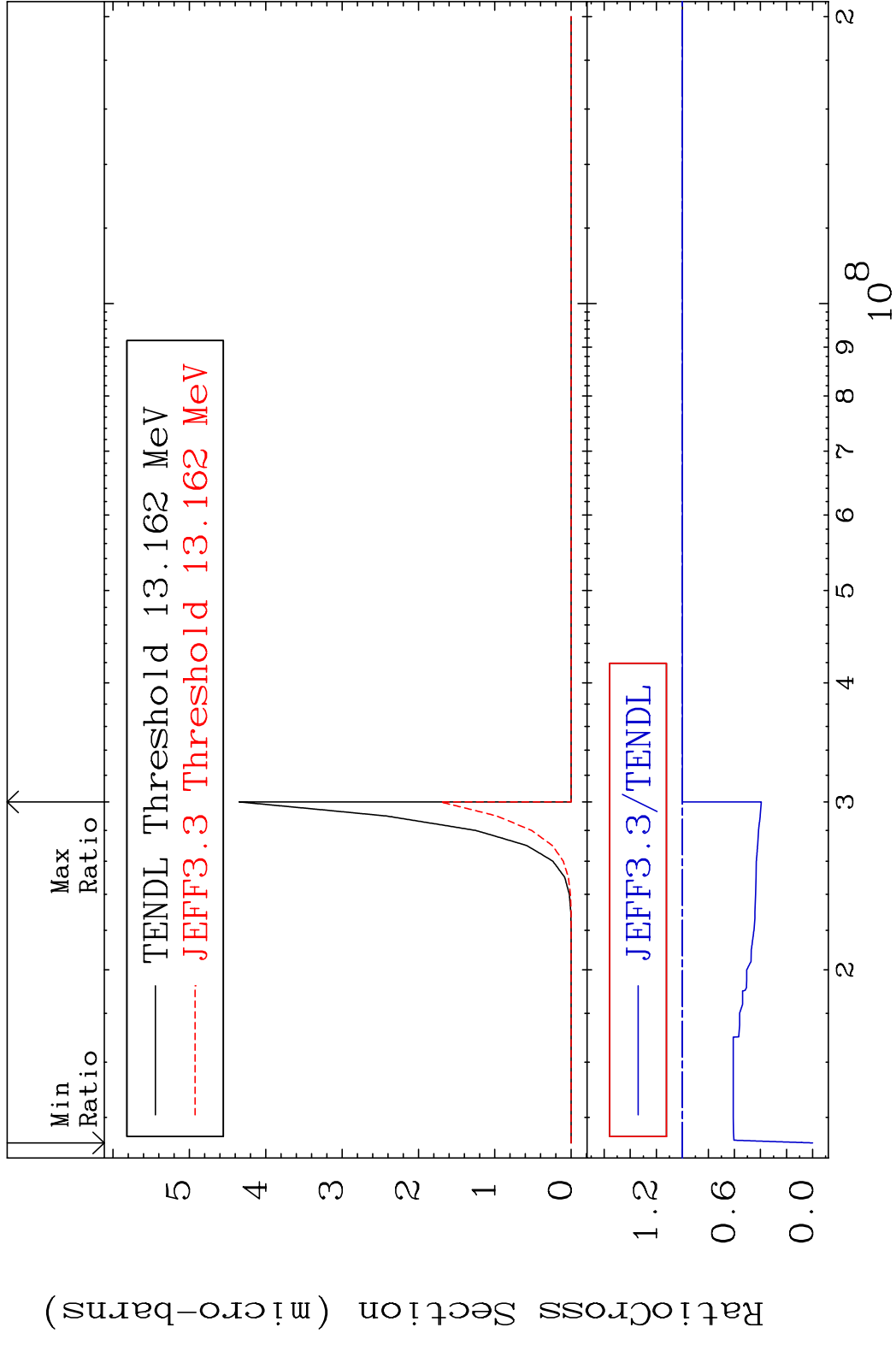




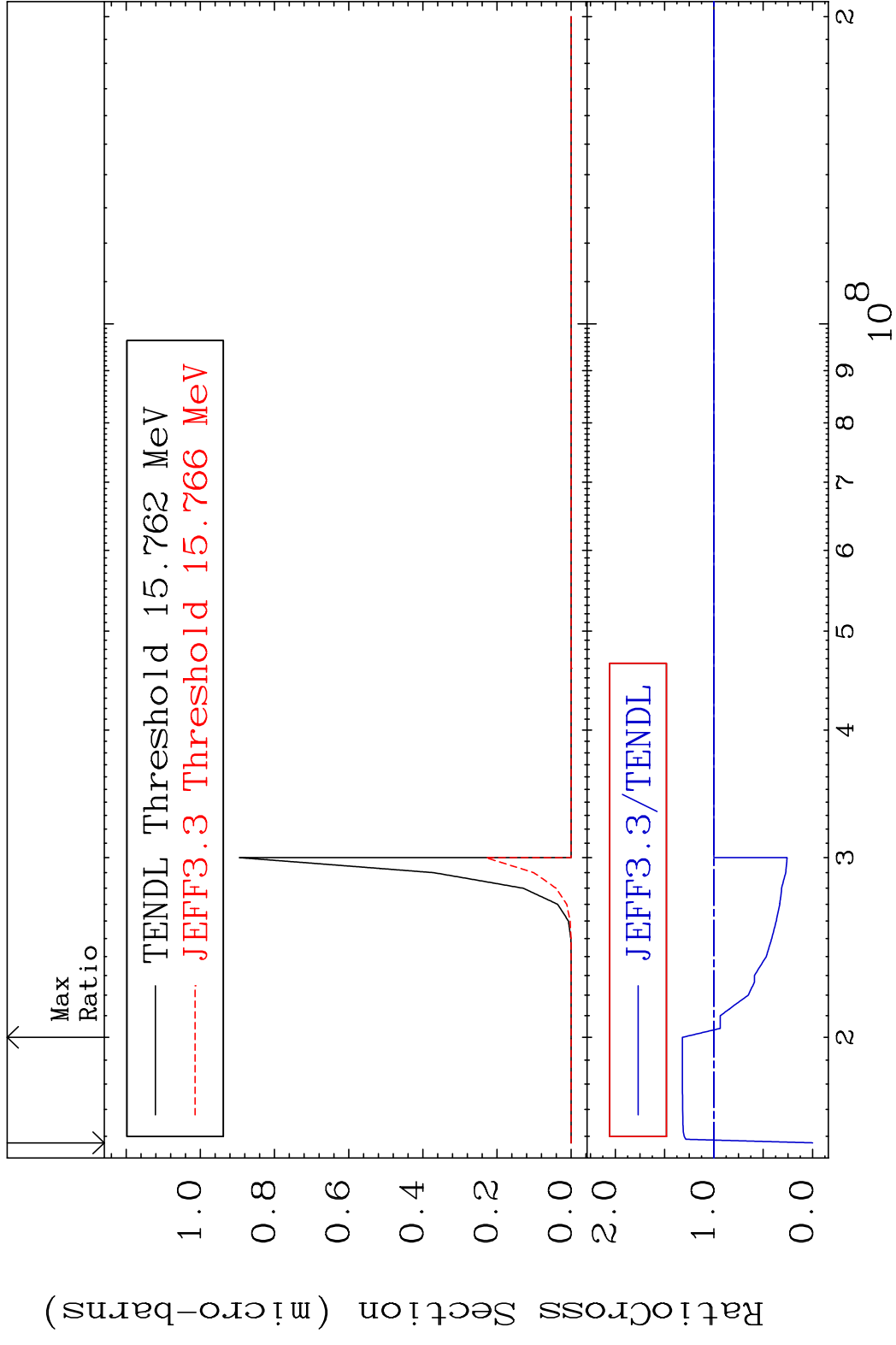
MAT 4725 (n, p) d:45-Rh-105g 47-Ag-107  
 Radionuclide Production Cross Section 180.01 dth 0.000 %



MAT 4725 (n, p) d:45-Rh-105m1 47-Ag-107  
 Radionuclide Production Cross Section 180.01 dth 0.000 %



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 180.01 dth 66.72 %

