

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

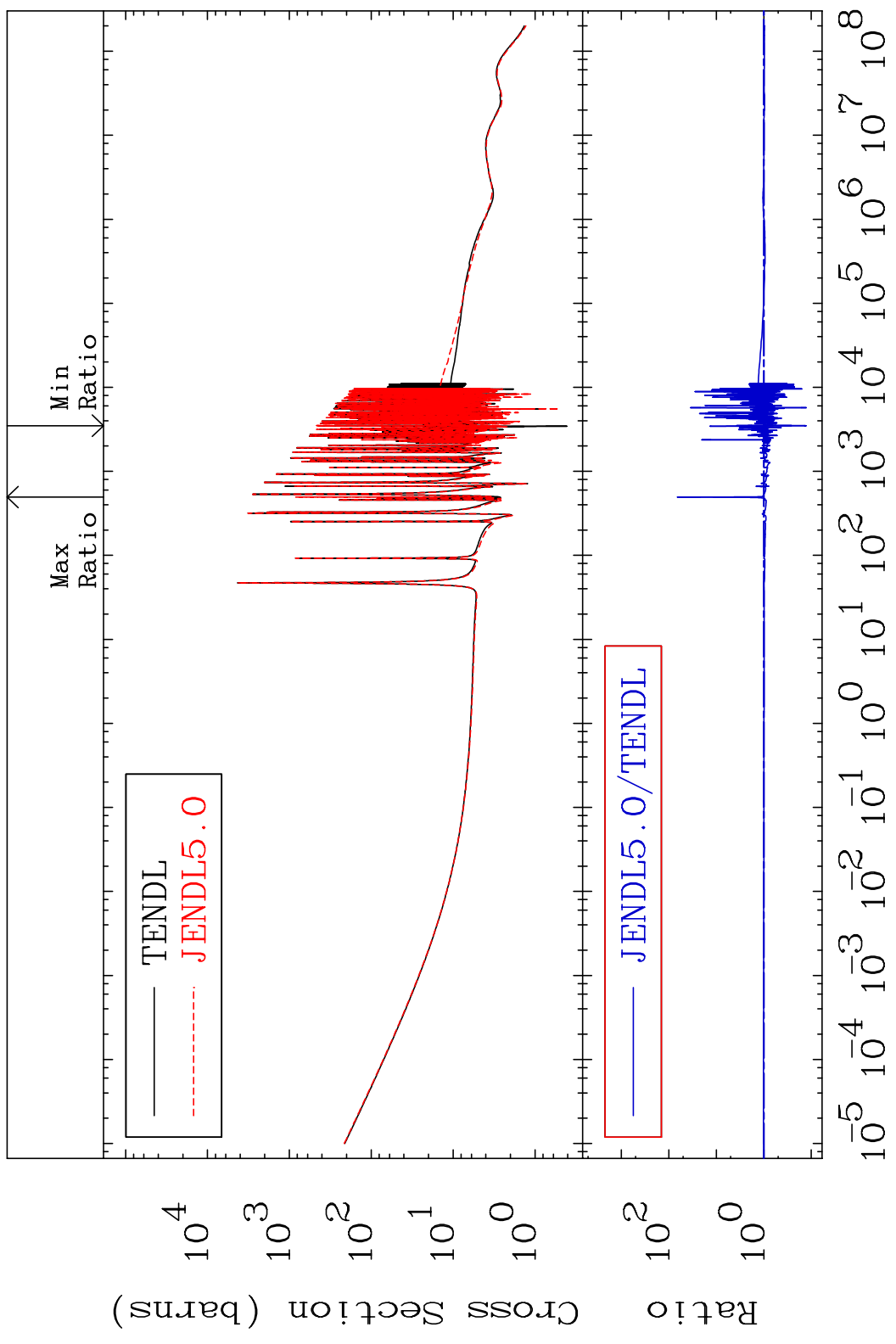
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3325

Total Cross Section -87.32 To 6560. %  
33-As-75



1

Incident Energy (eV)

33-As-75

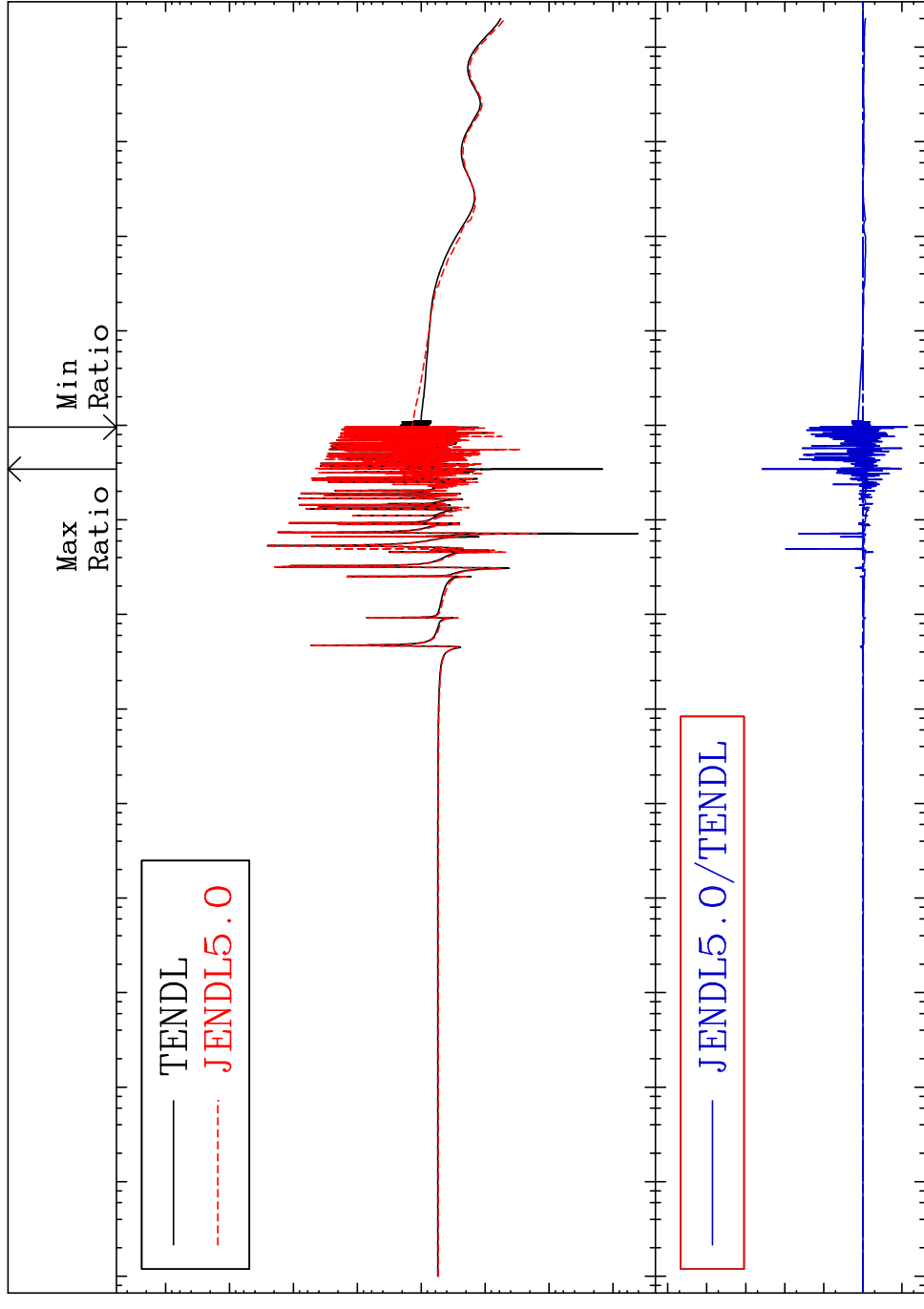
MAT 3325

Elastic

33-As-75

Cross Section

-92.68 To 9999. %



Cross Section (barns)  
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>  
Ratio  
10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>

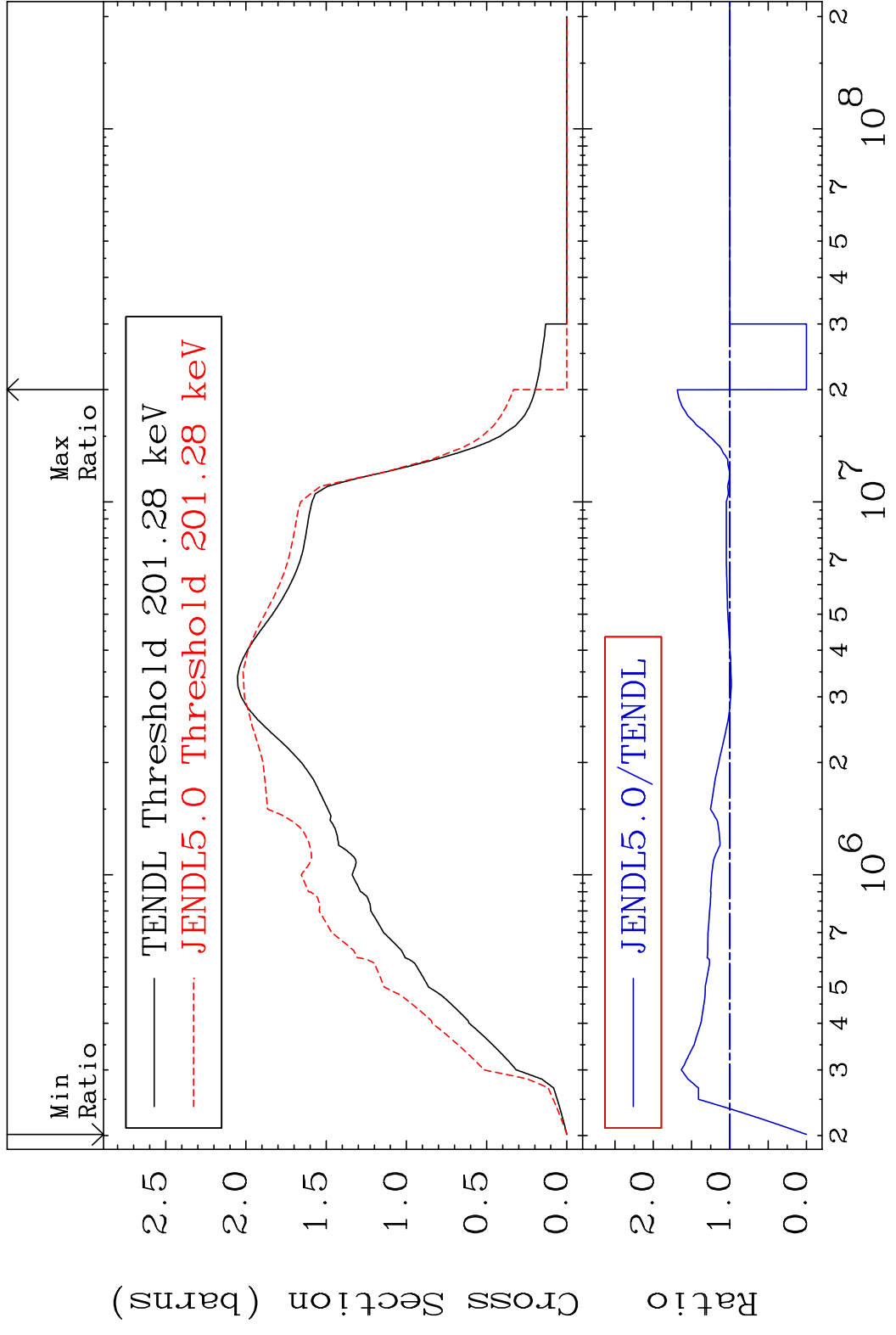
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

Incident Energy (eV)

33-As-75

MAT 3325 Inelastic Cross Section -100.0 To 68.77 % 33-As-75

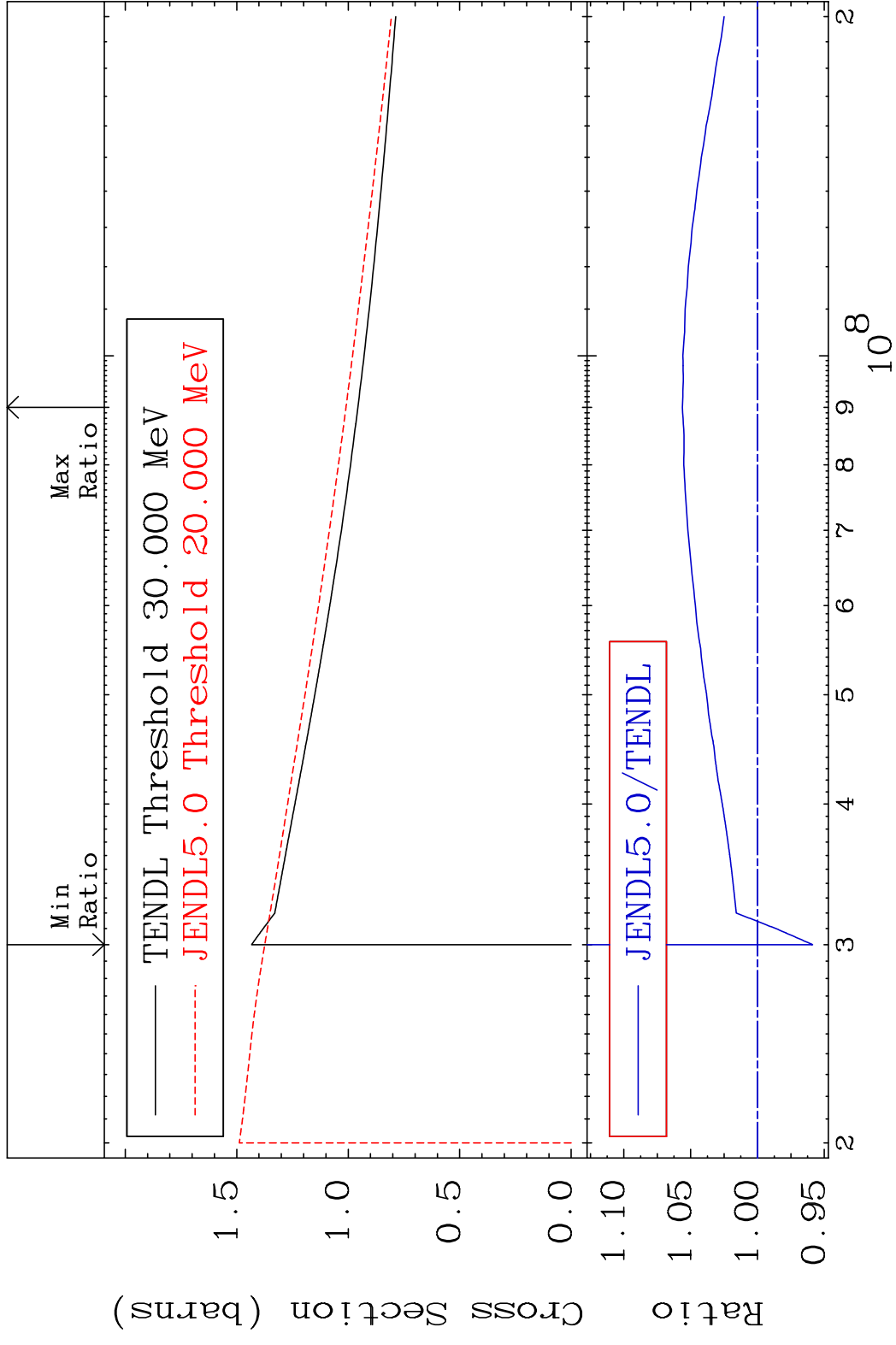


MAT 3325

(n, remainder)

33-As-75

Cross Section -4.119 To 5.624 %



4

Incident Energy (eV)

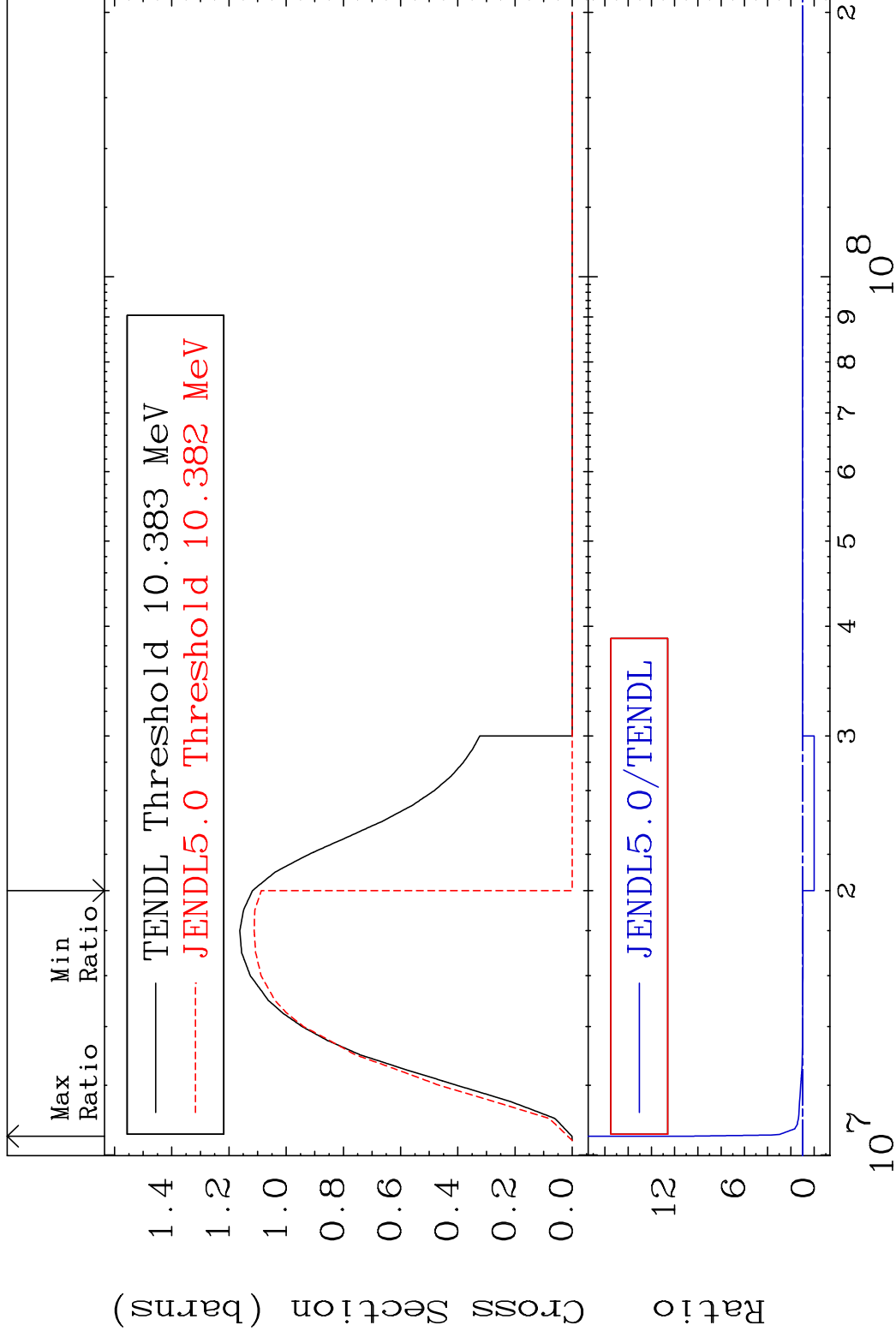
33-As-75

MAT 3325

(n,2n)

33-As-75

Cross Section -100.0 To 1023. %

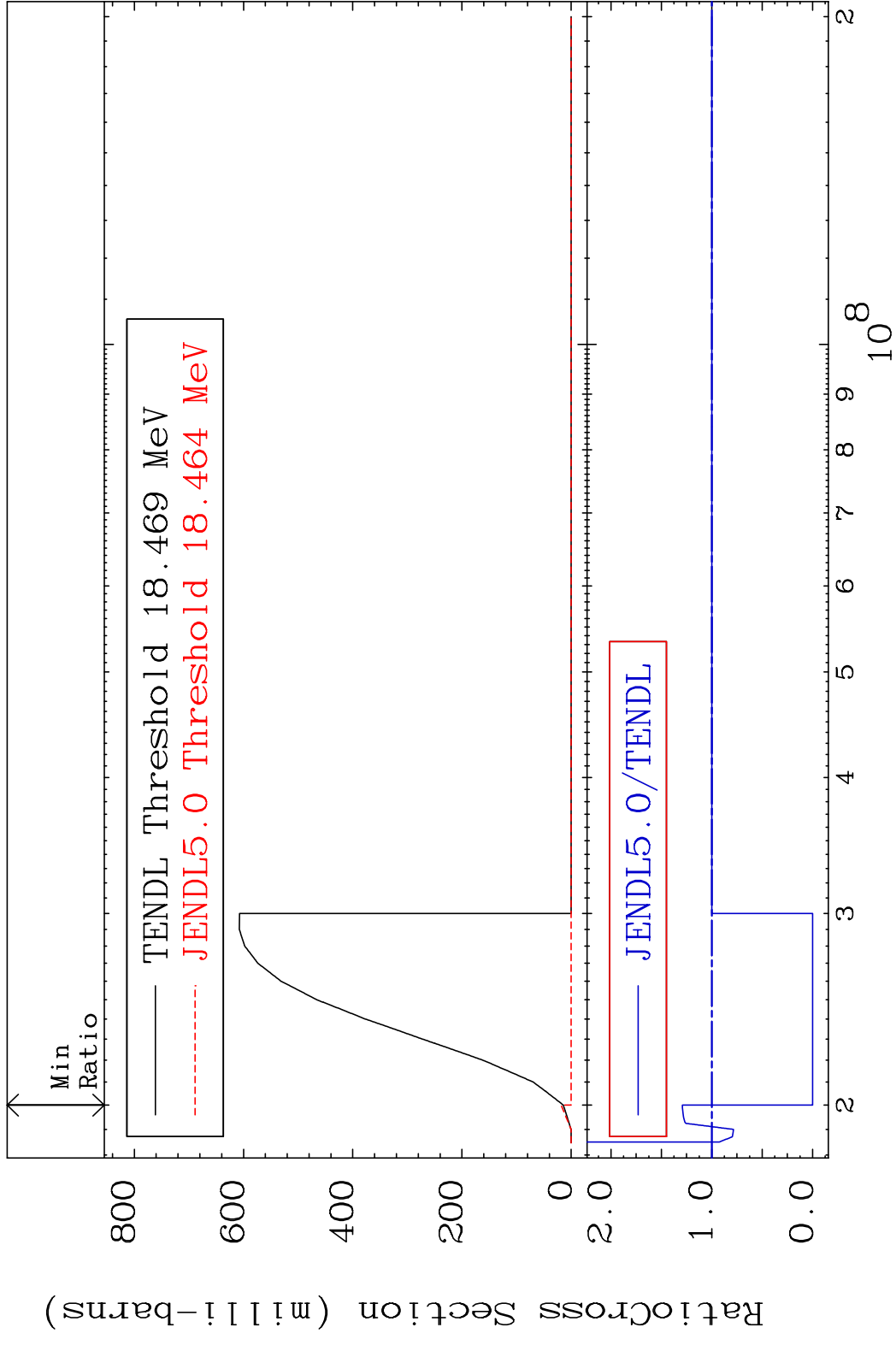


5

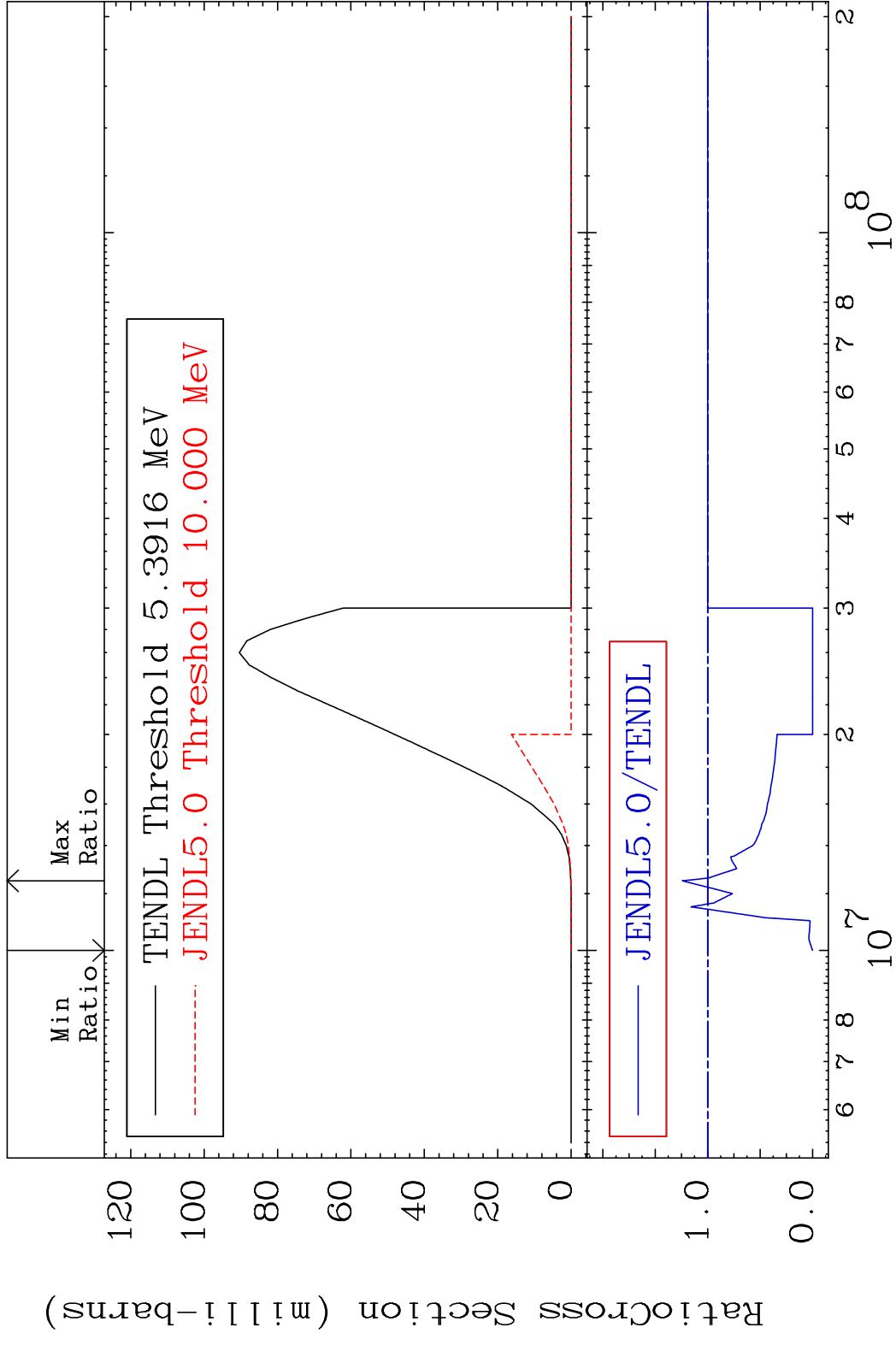
Incident Energy (eV)

33-As-75

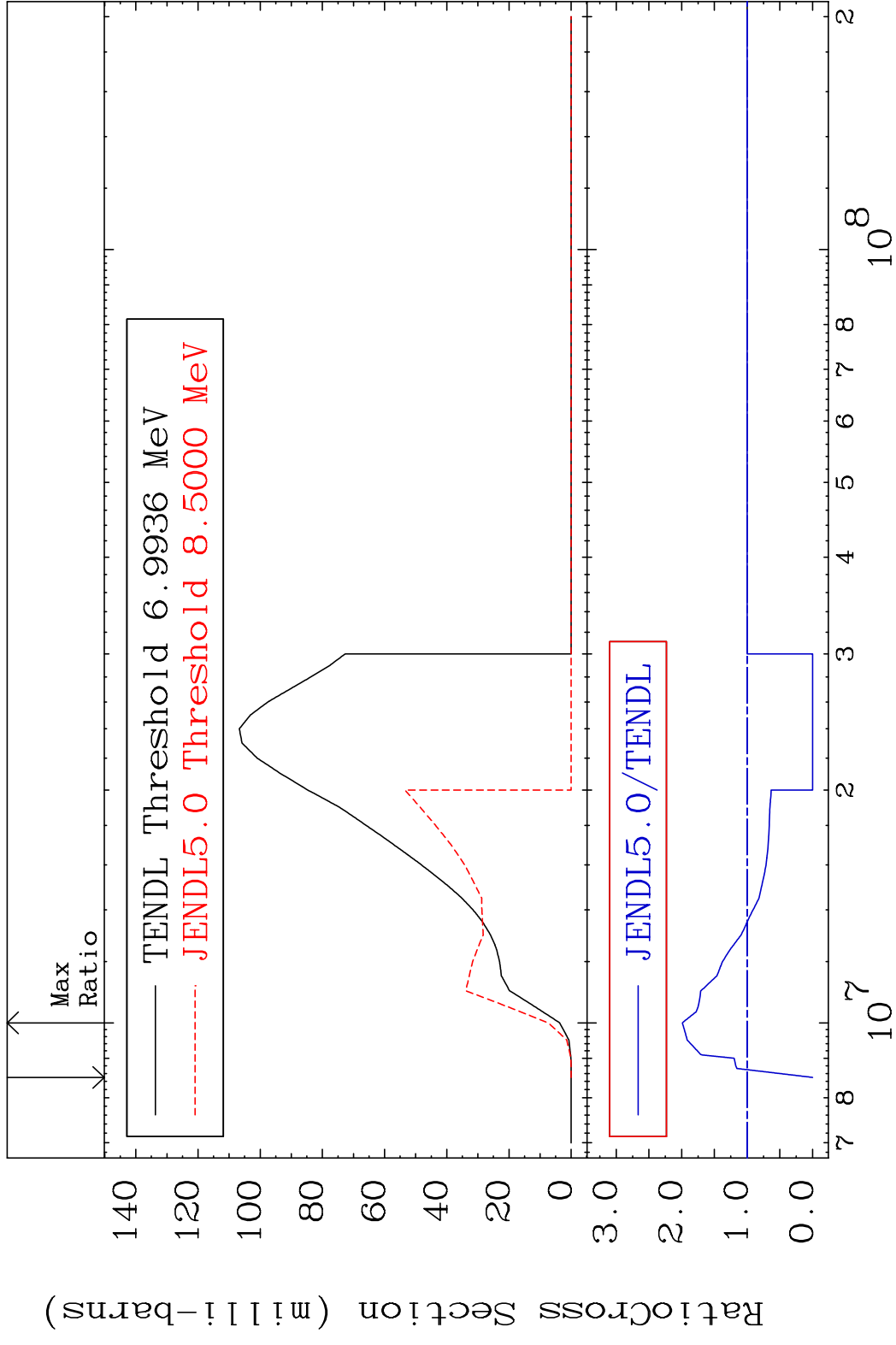
MAT 3325 (n,3n) 33-As-75  
 Cross Section -100.0 To 29.20 %



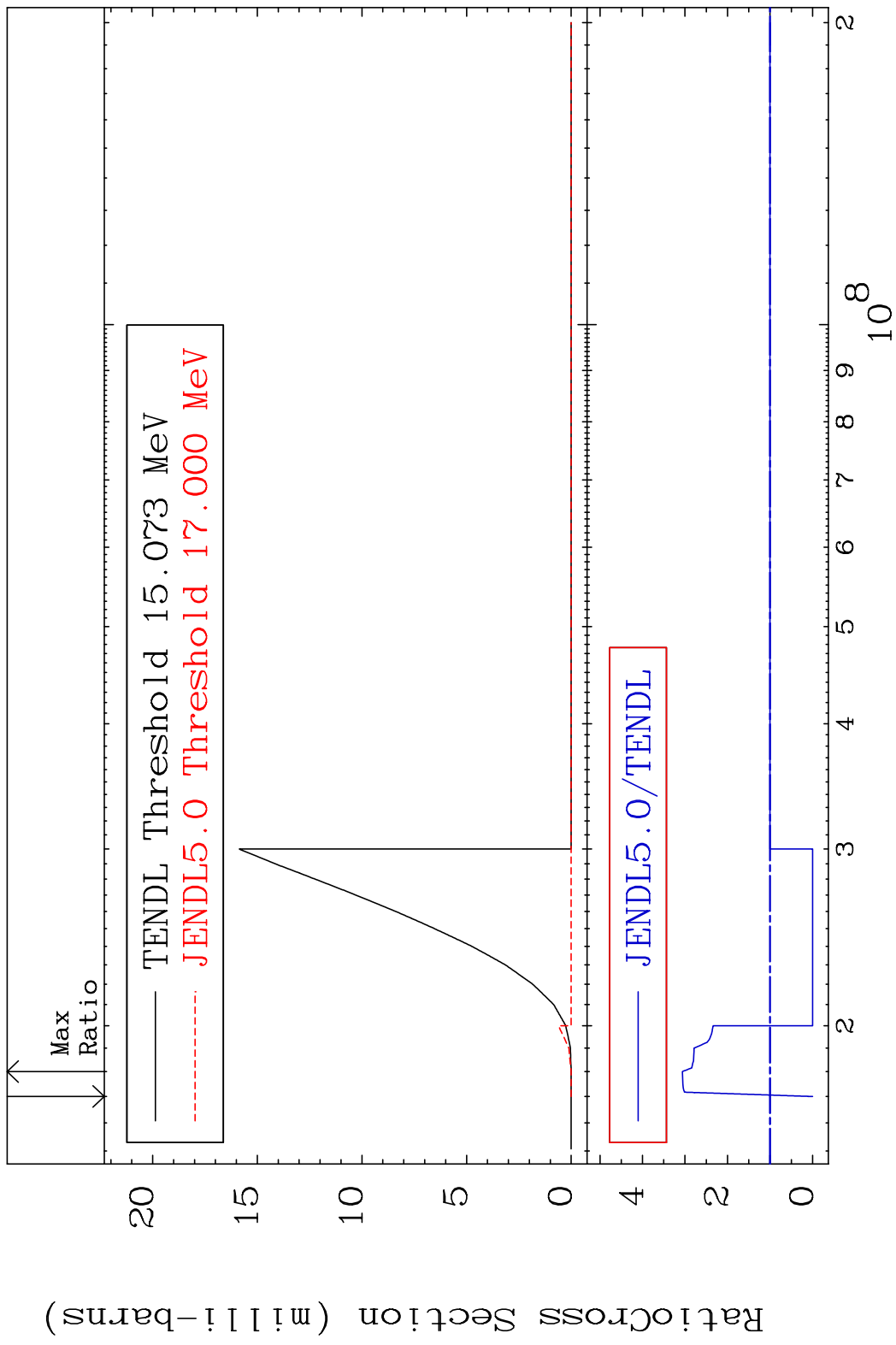
MAT 3325 (n, n')  $\alpha$  33-As-75  
 Cross Section -100.0 To 24.15 %



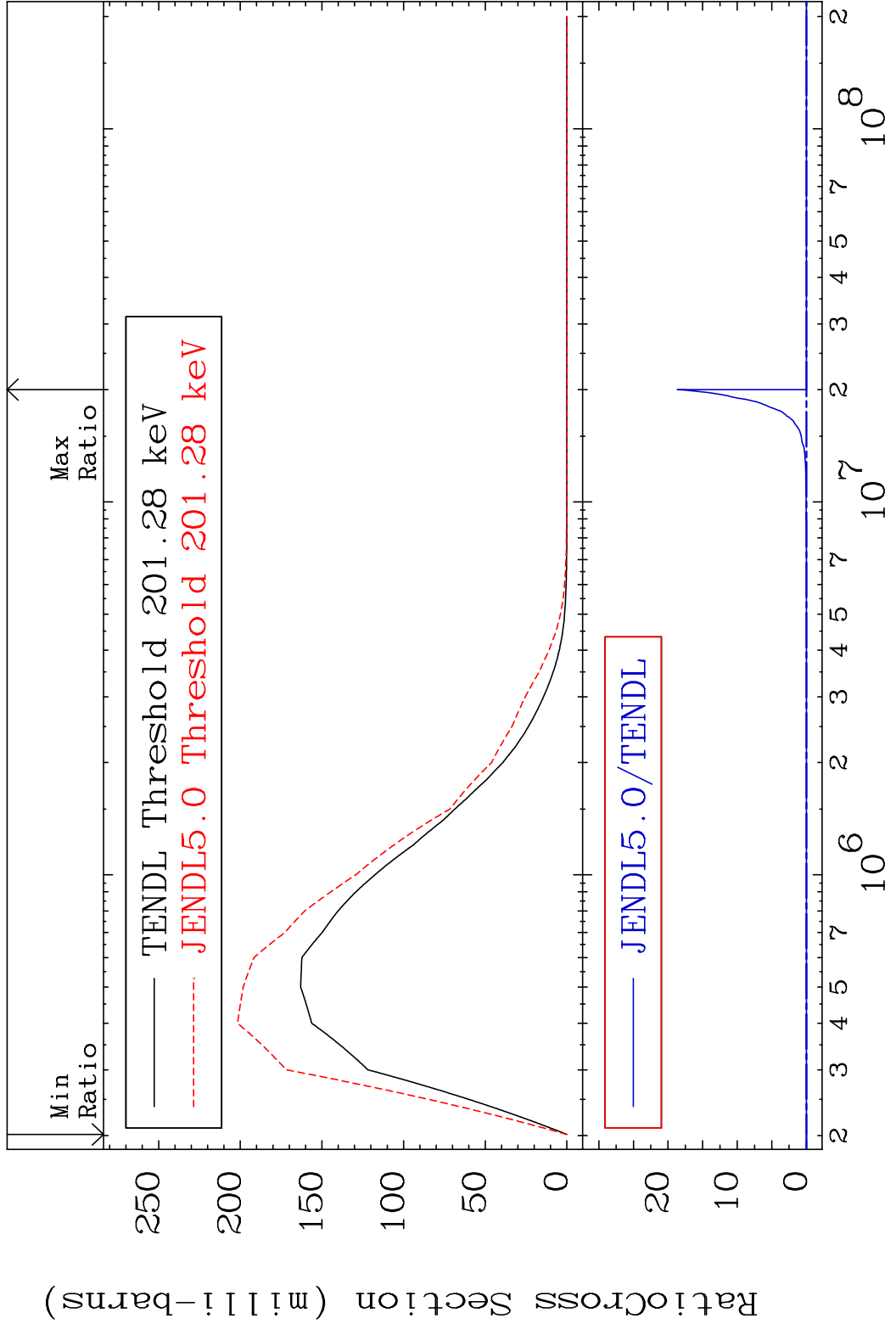
MAT 3325 (n, n') p 33-As-75  
 Cross Section -100.0 To 98.95 %



MAT 3325 (n, n') d 33-As-75  
 Cross Section -100.0 To 206.2 %

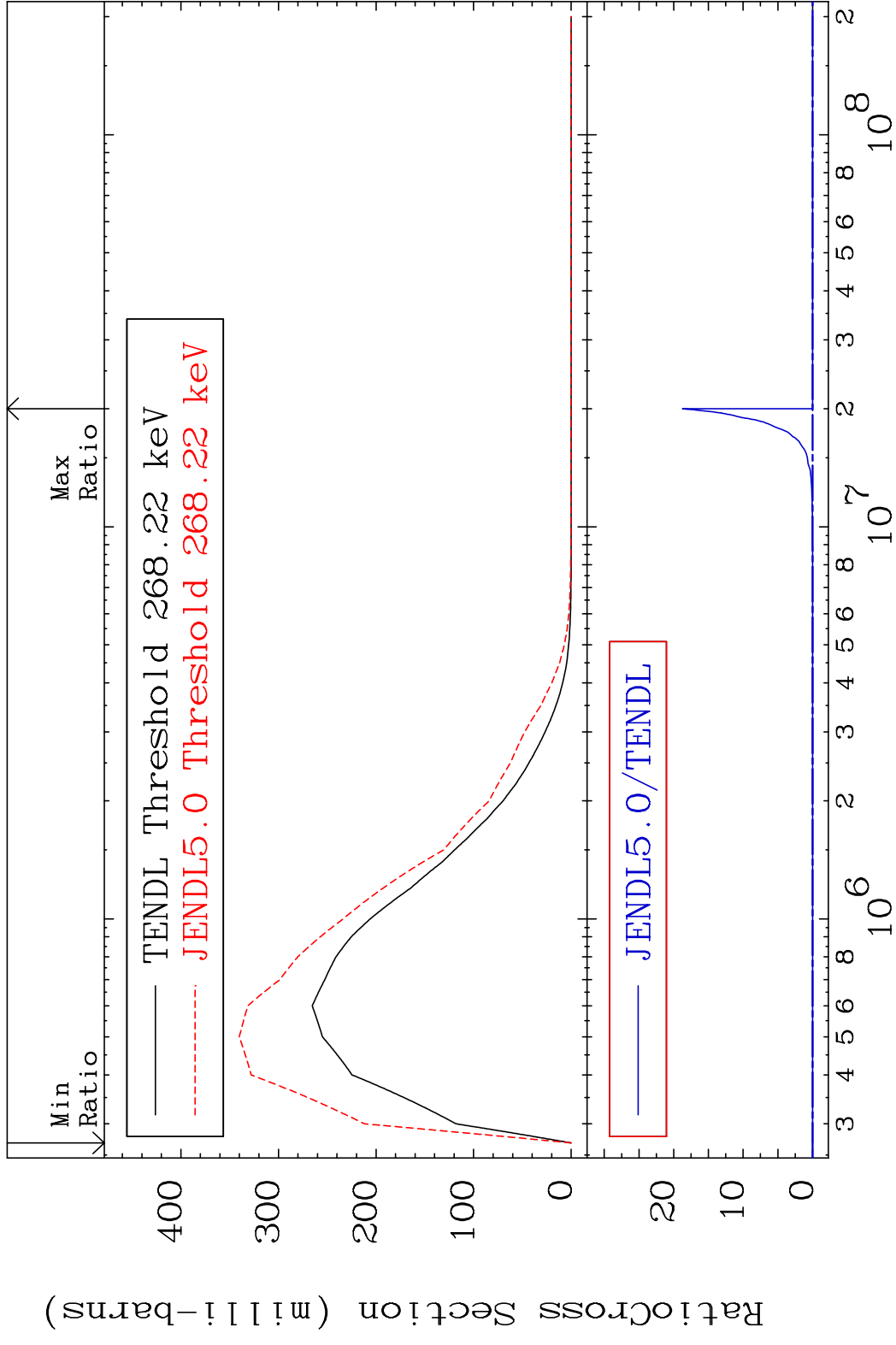


MAT 3325 MT= 51 (n,n') Level 33-As-75  
 Cross Section -100.0 To 9999. %

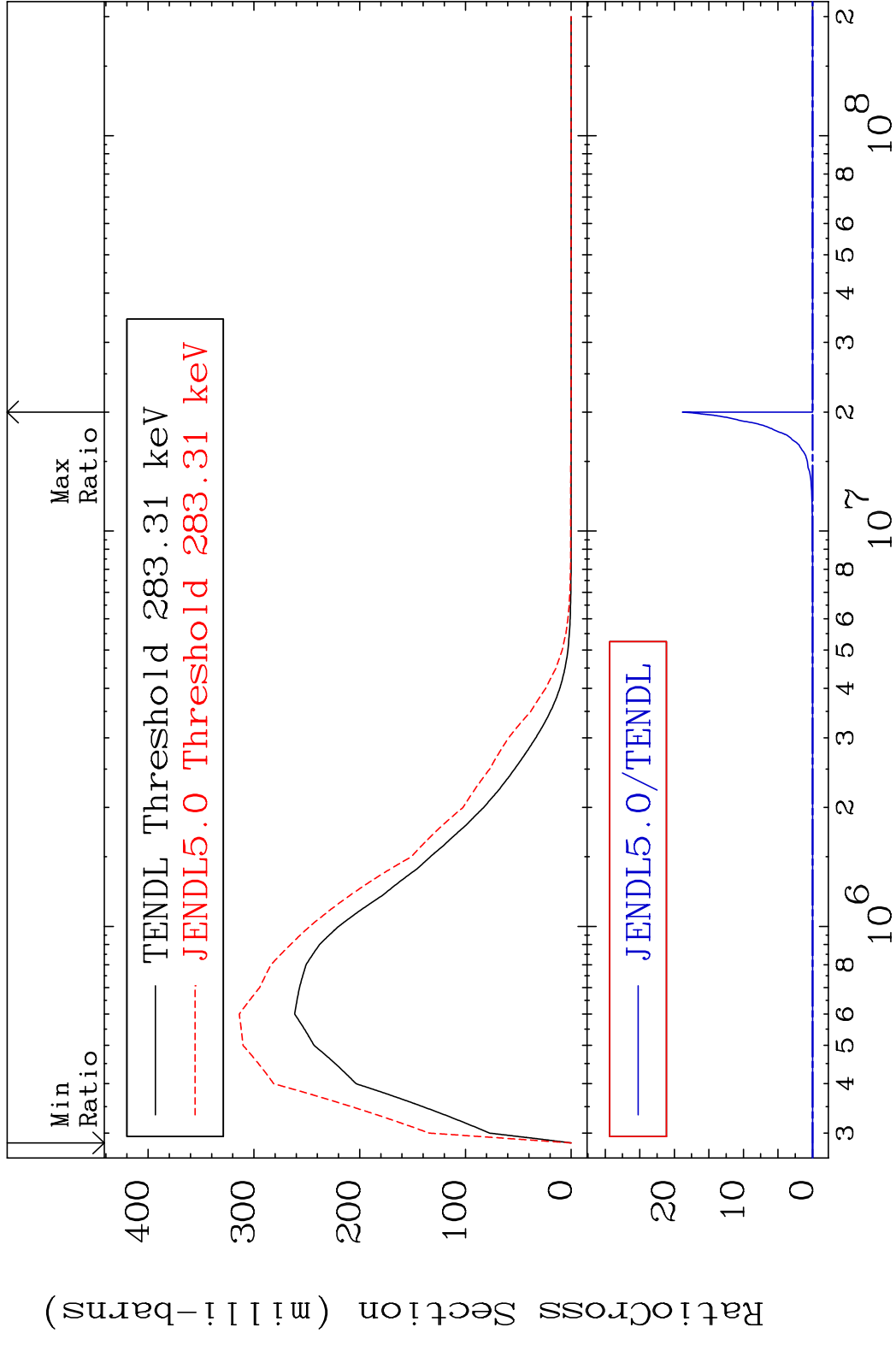


10 Incident Energy (eV) 33-As-75

MAT 3325 MT= 52 (n,n') Level 33-As-75  
 Cross Section -100.0 To 9999. %

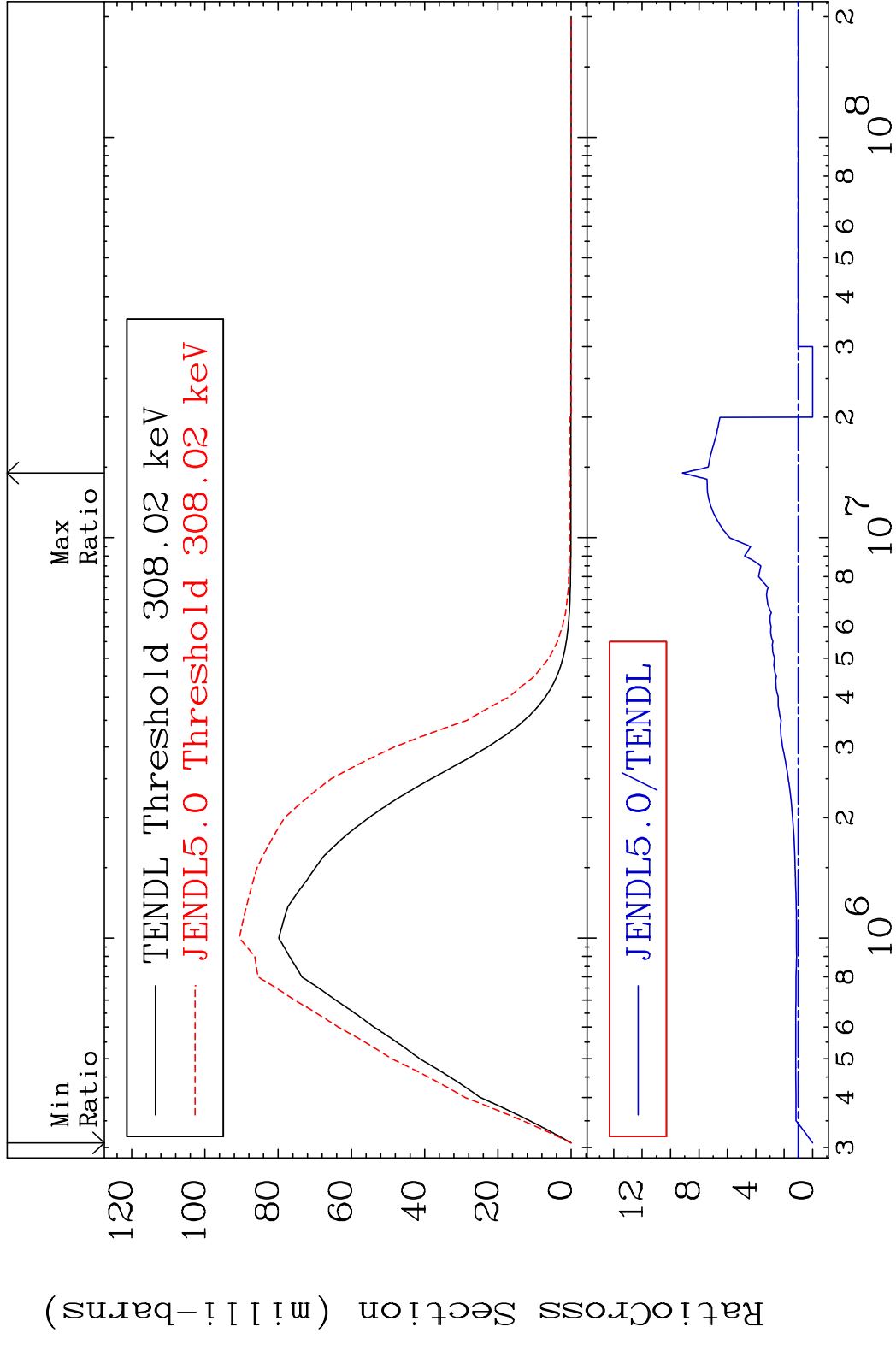


MAT 3325 MT= 53 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %

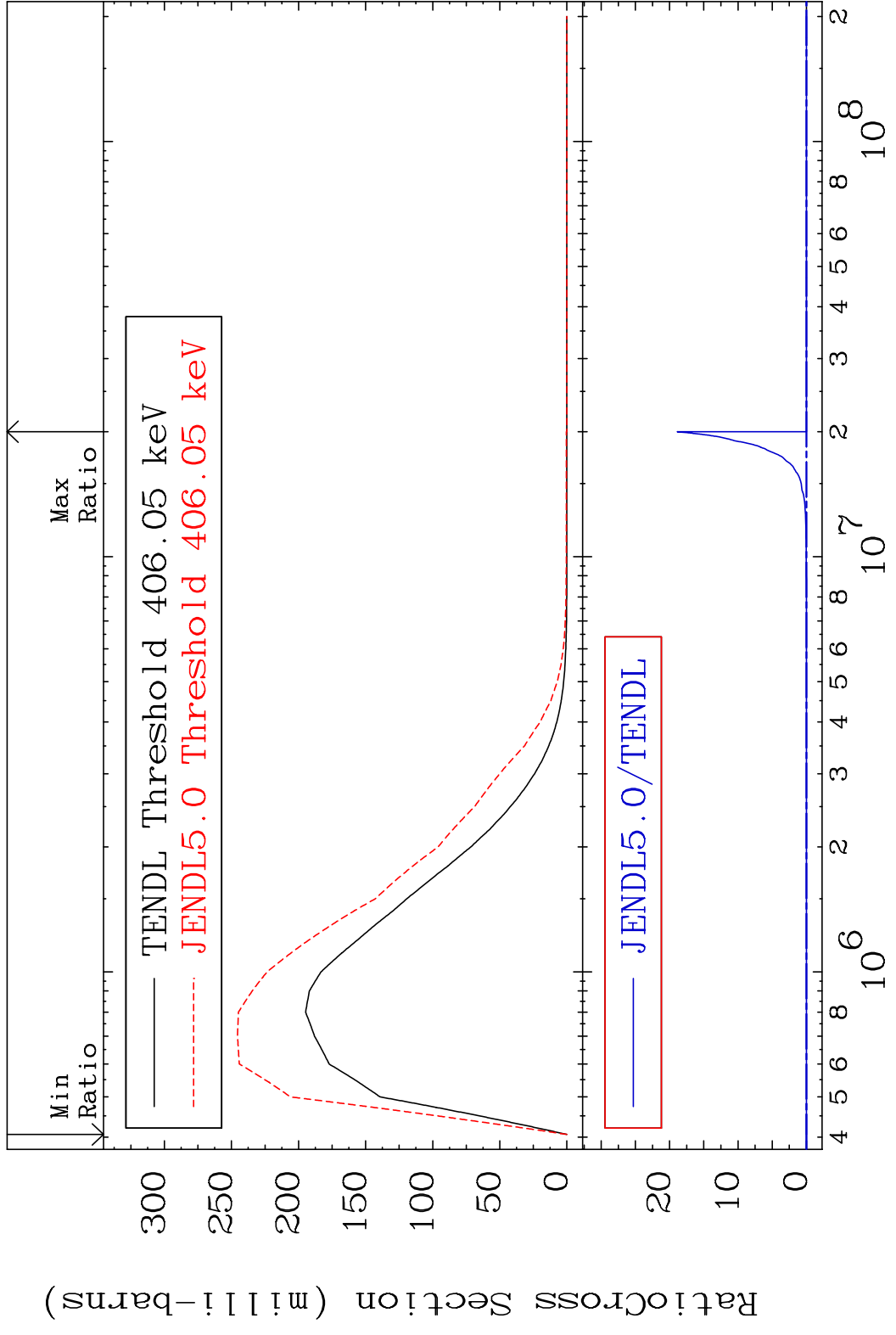


12 Incident Energy (eV) 33-As-75

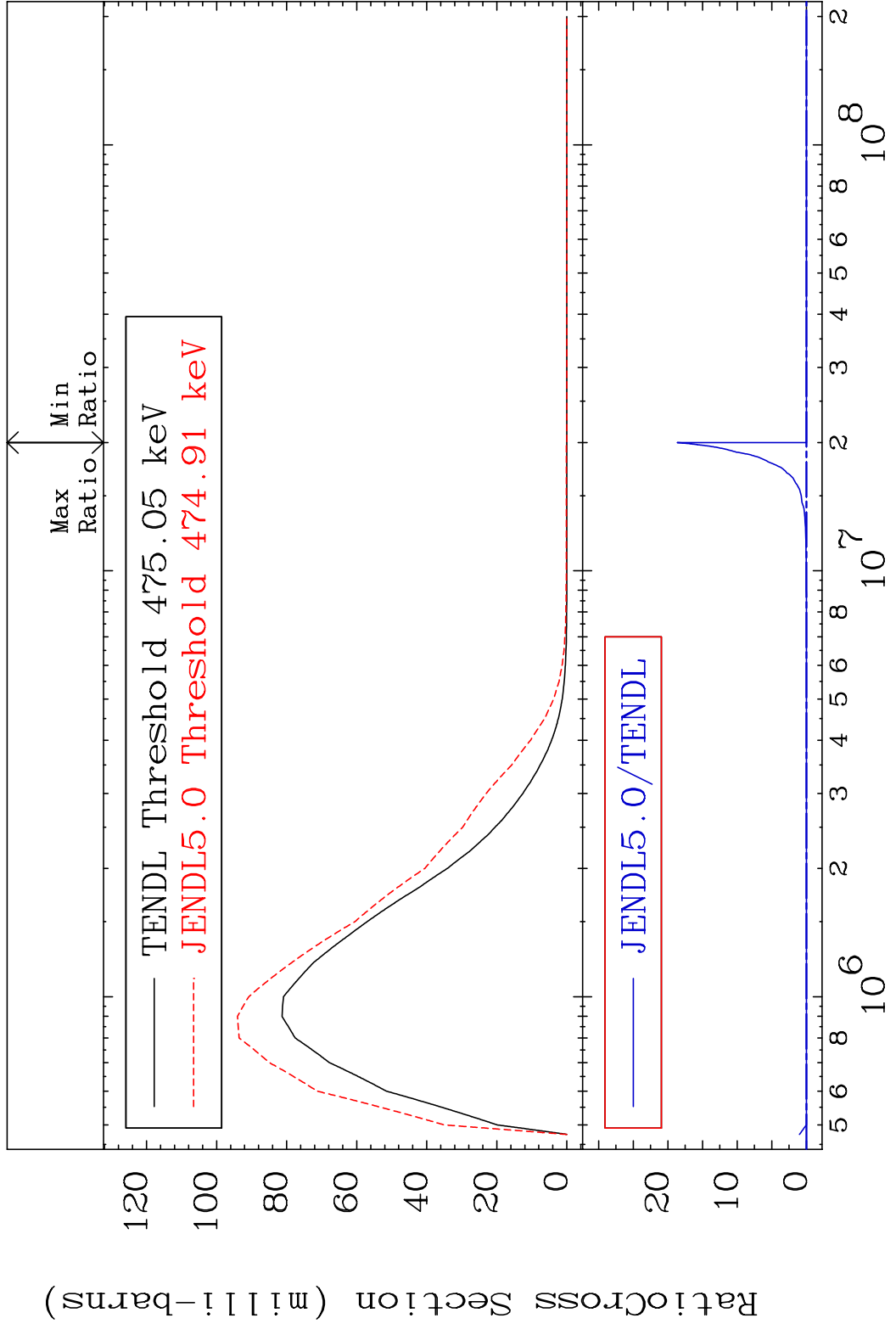
MAT 3325 MT= 54 (n, n') Level 33-As-75  
 Cross Section -100.0 To 816.6 %



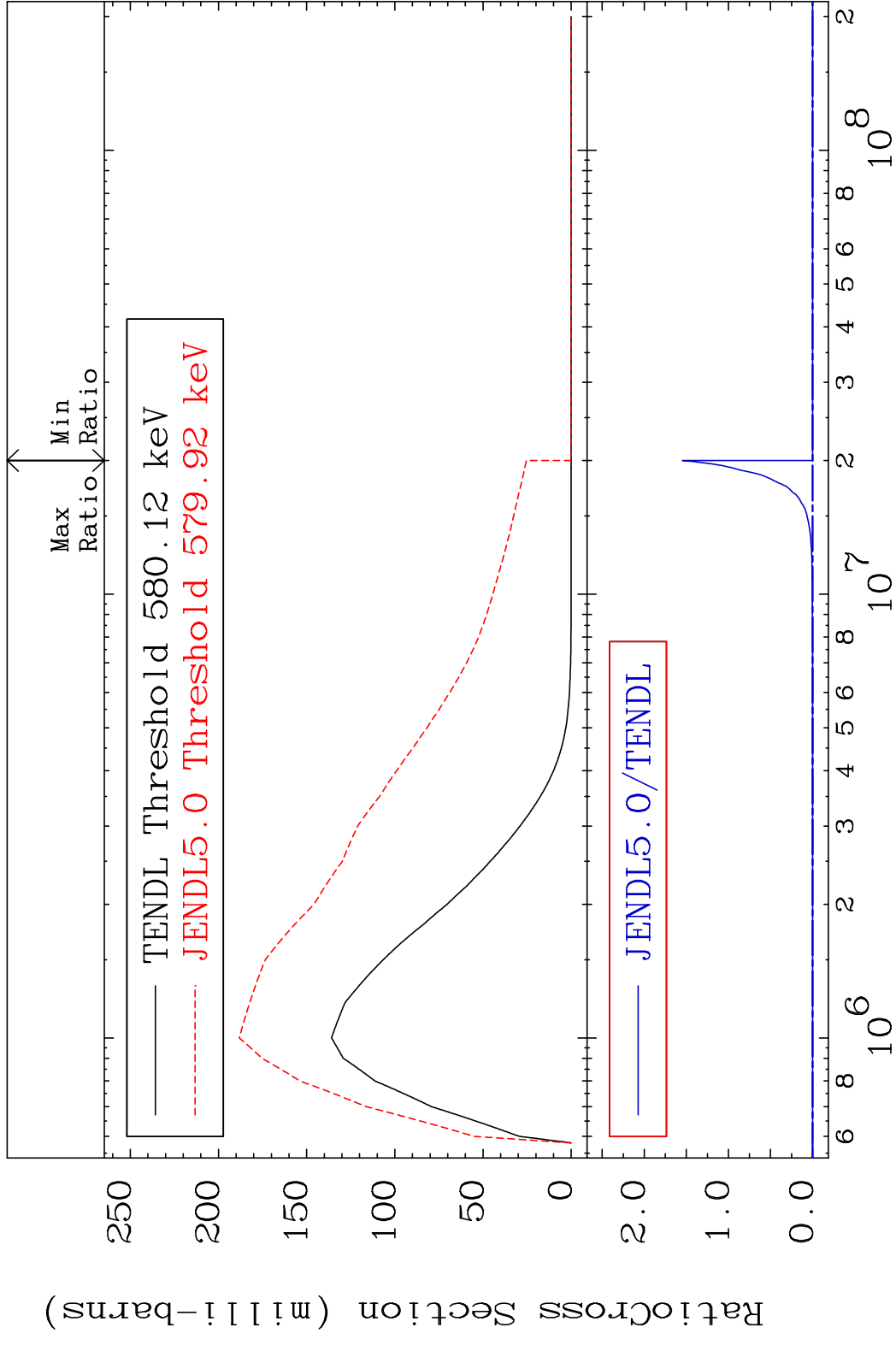
MAT 3325 MT= 55 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



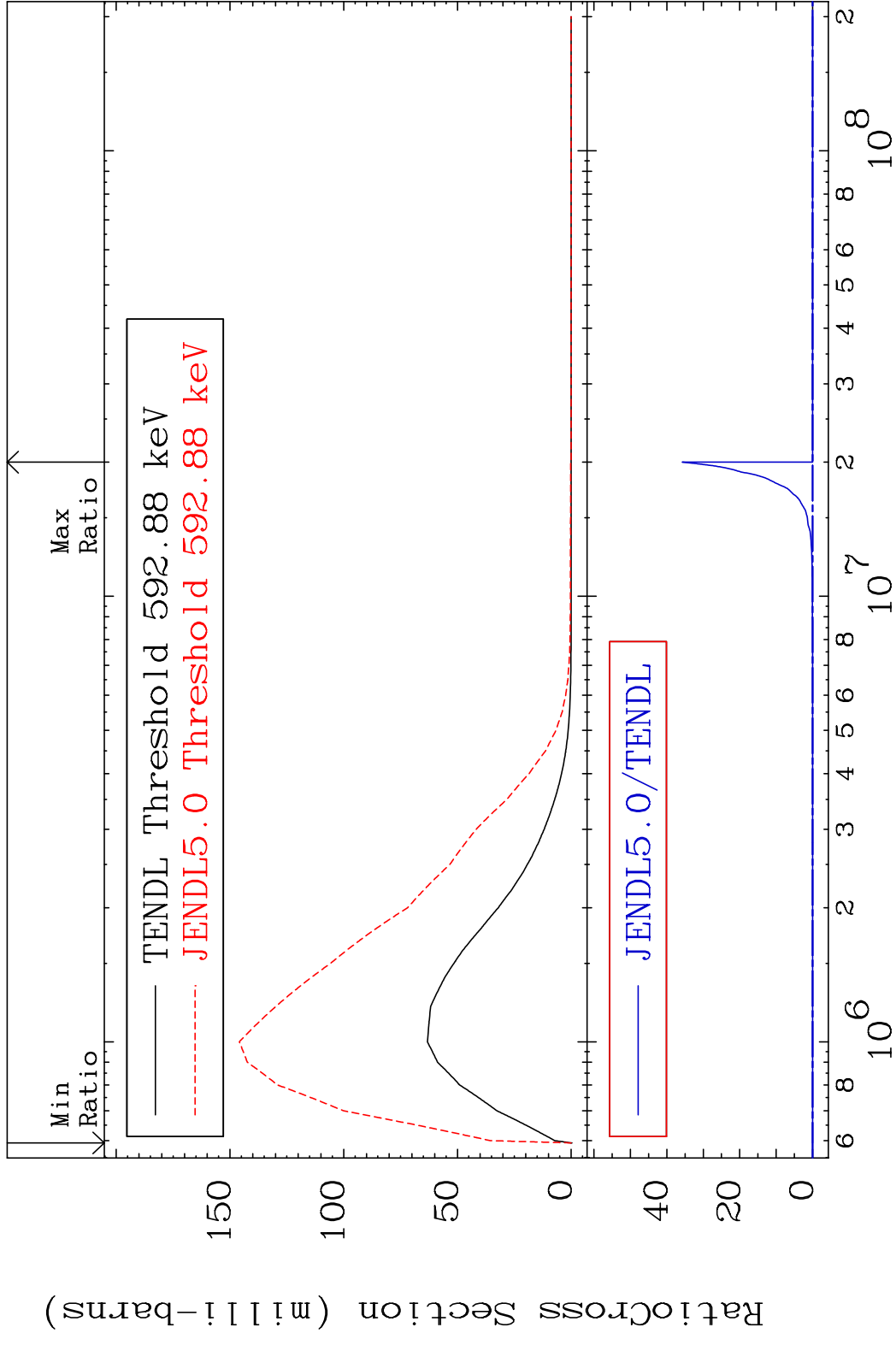
MAT 3325 MT= 56 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



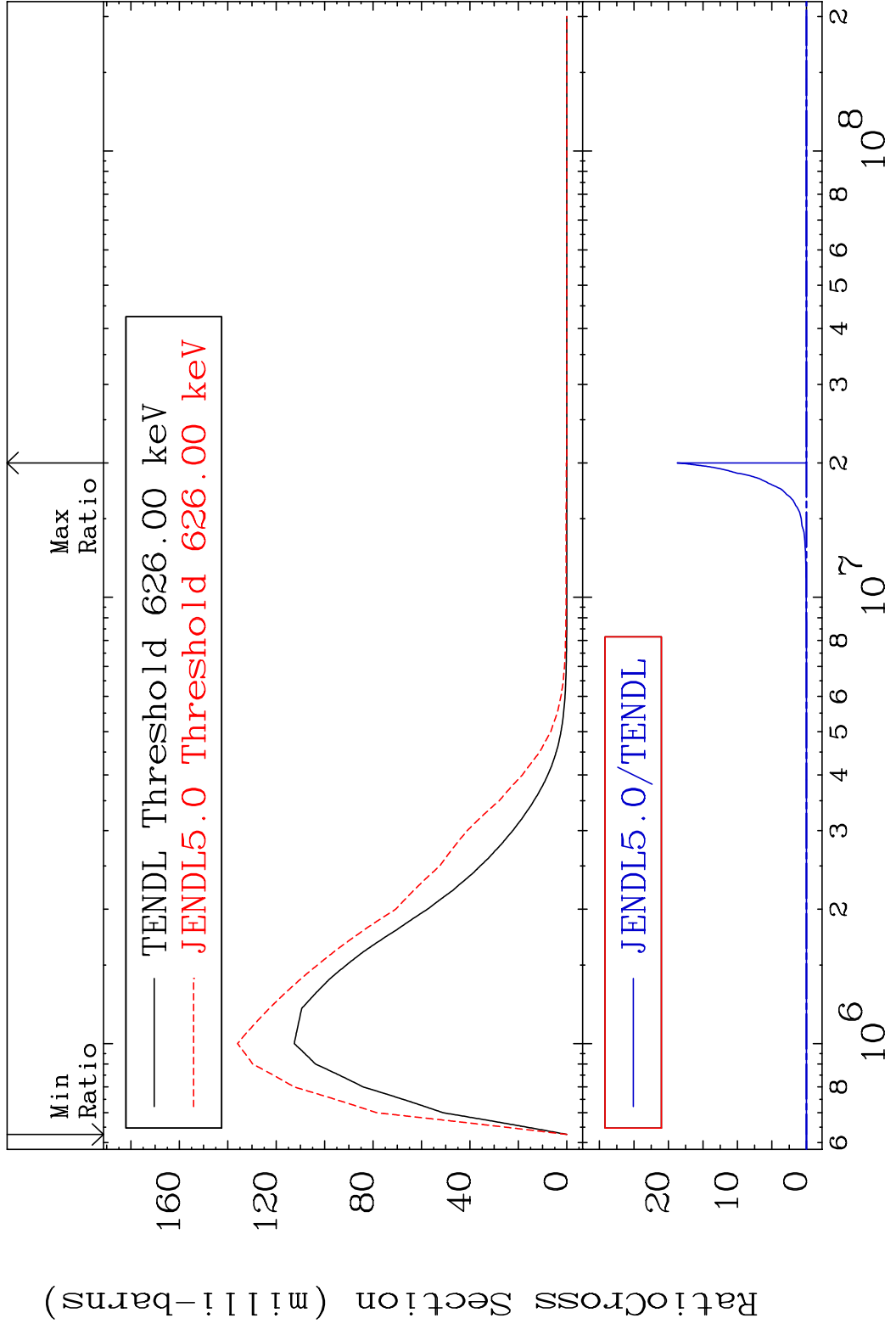
MAT 3325 MT= 57 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



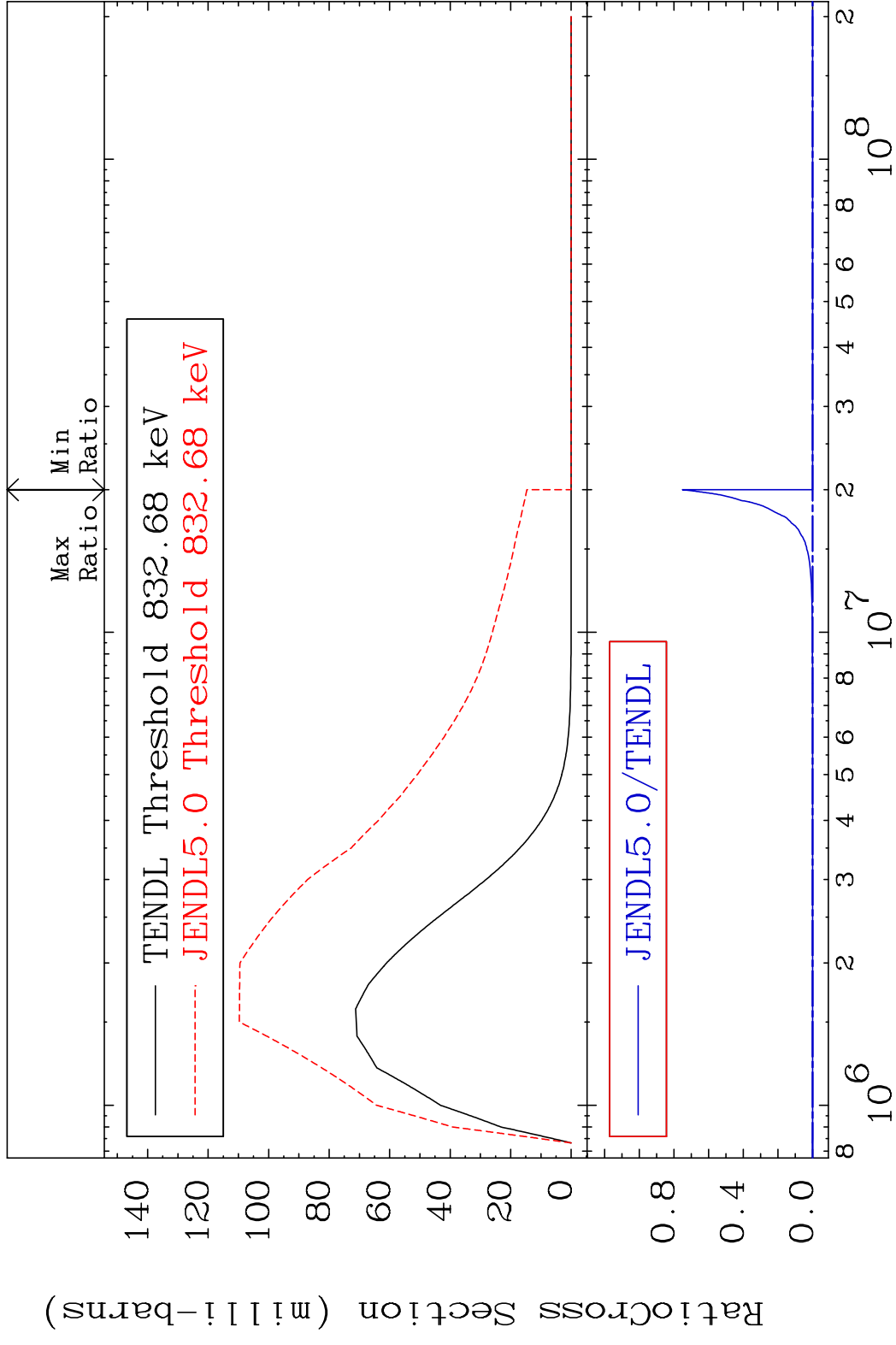
MAT 3325 MT= 58 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



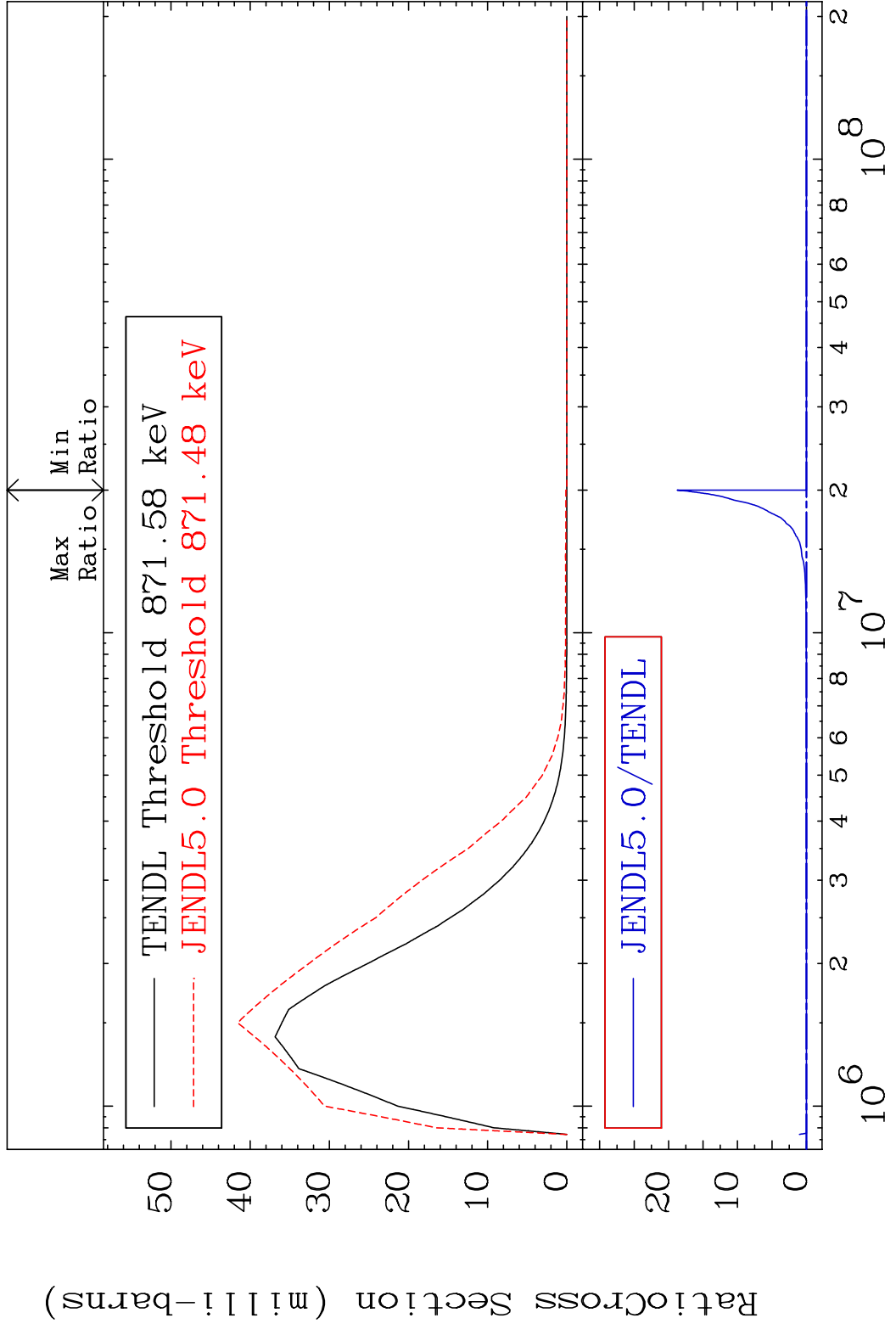
MAT 3325 MT= 59 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



MAT 3325 MT= 60 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %

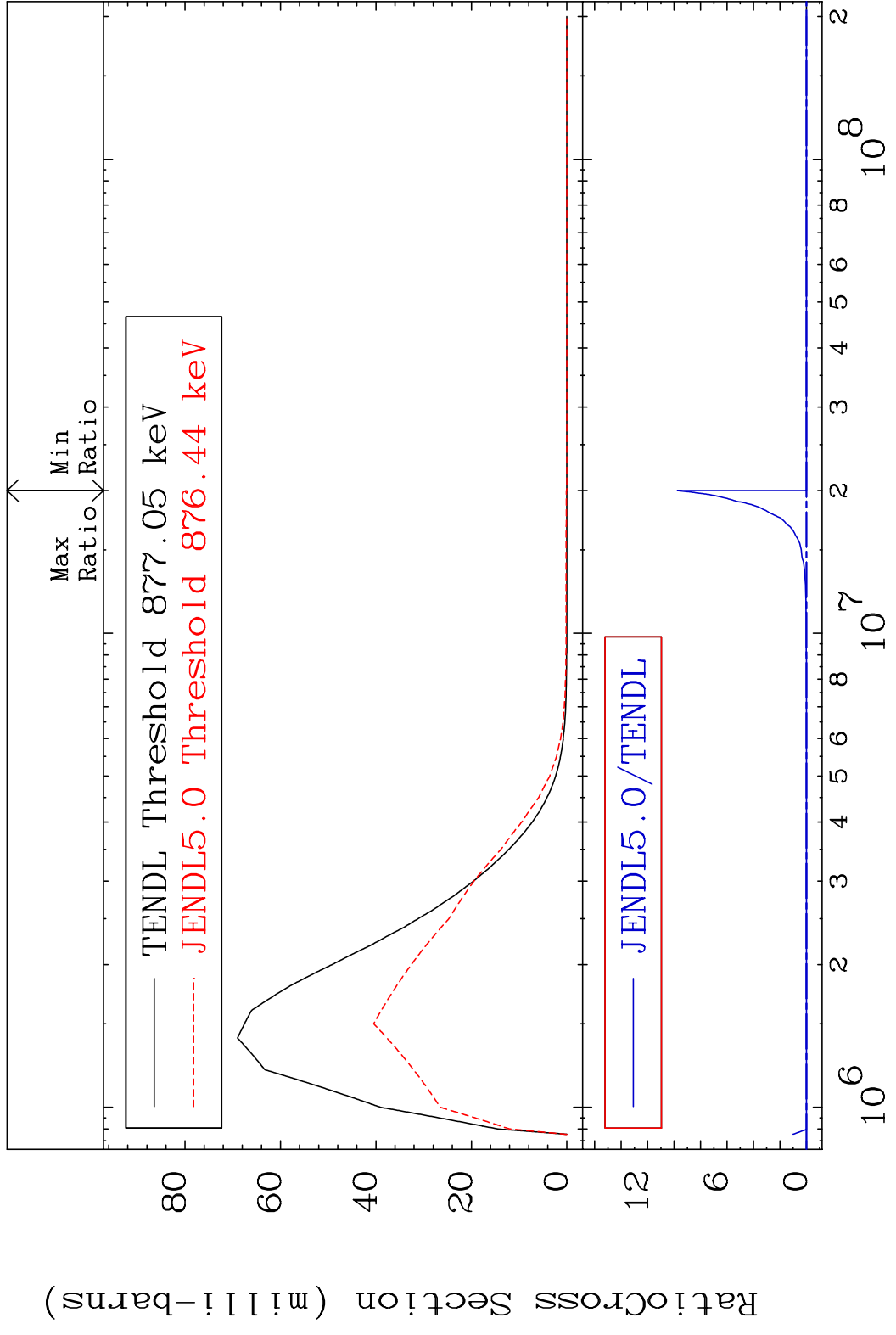


MAT 3325 MT= 61 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %

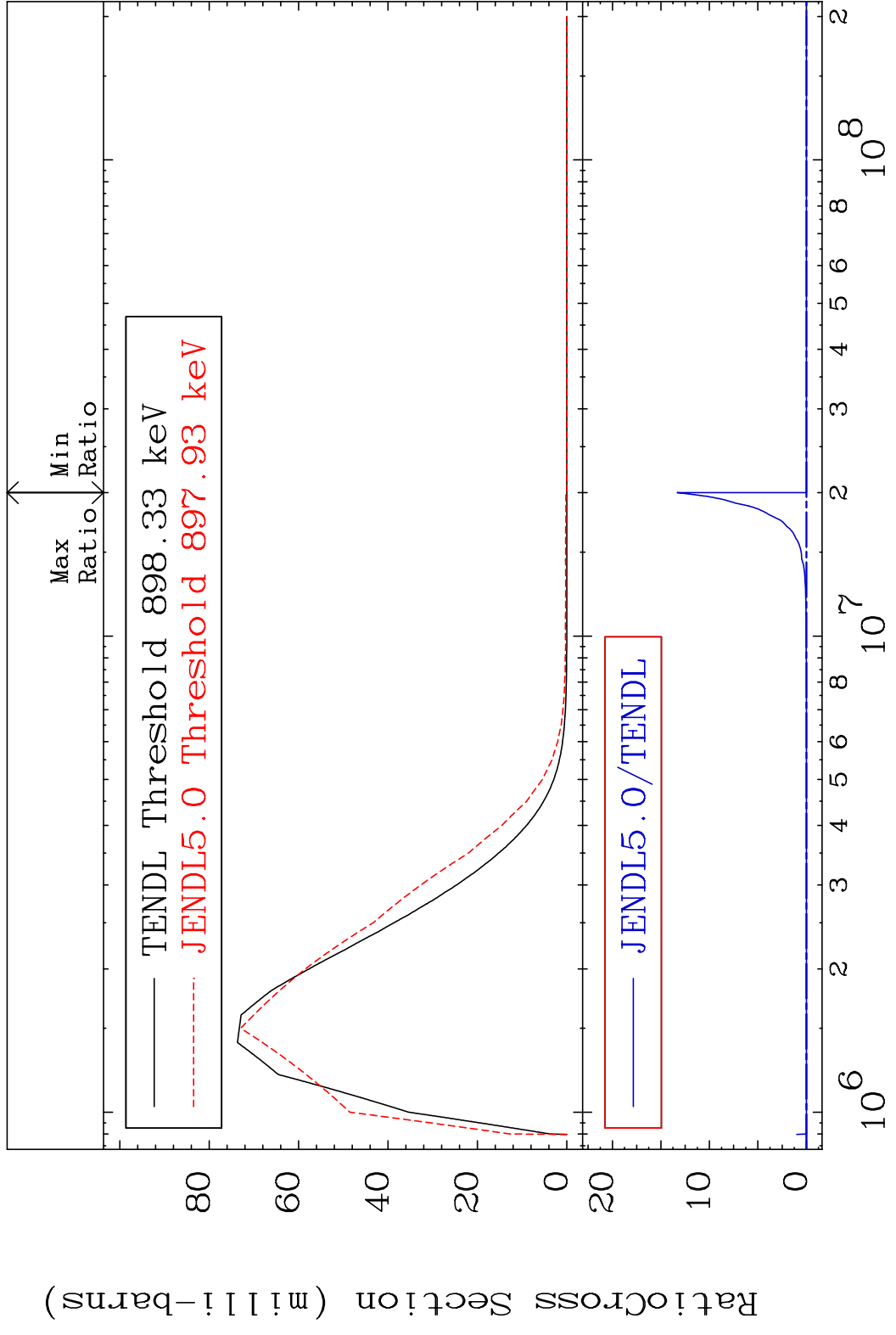


20 33-As-75

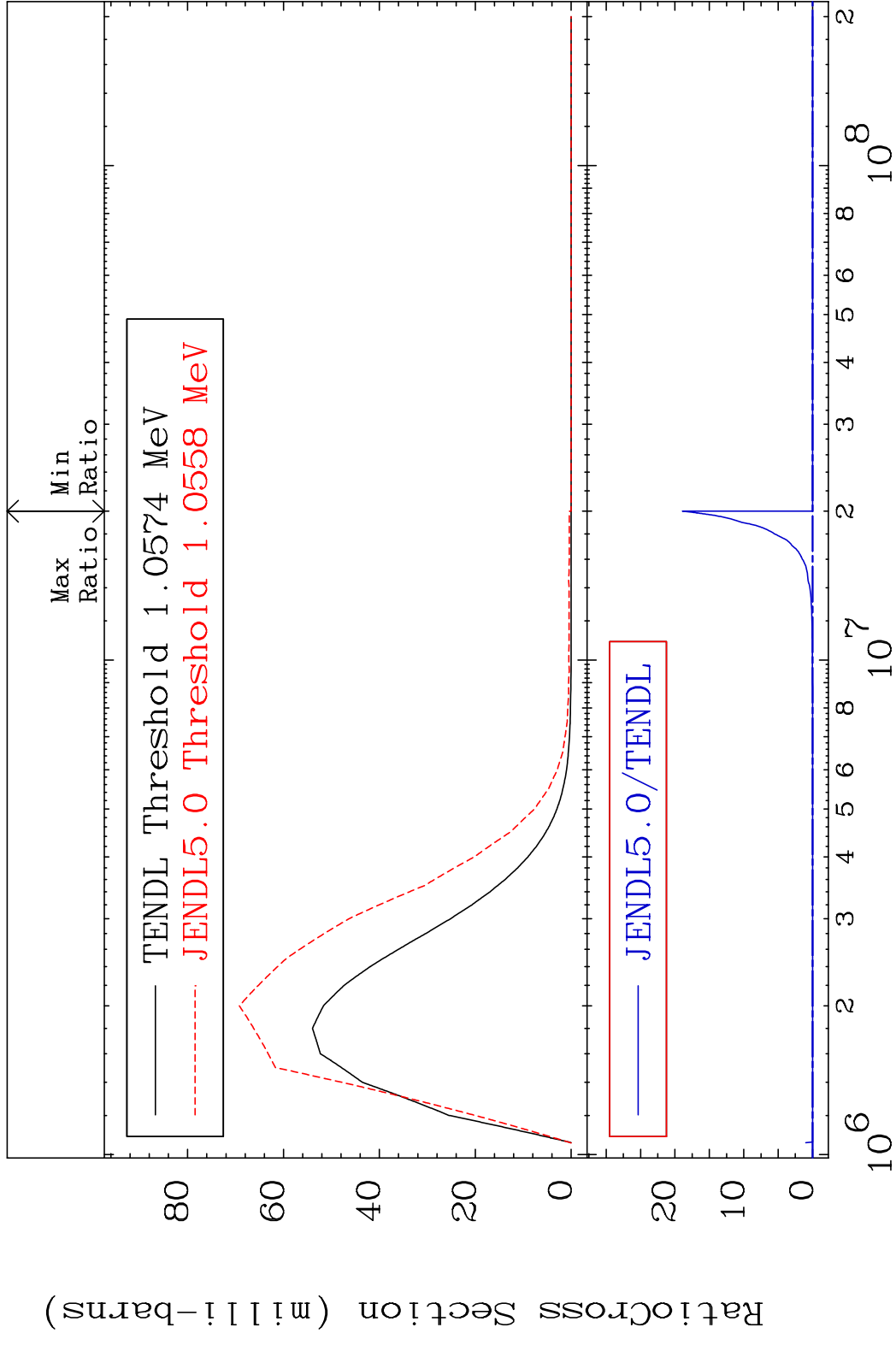
MAT 3325 MT= 62 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



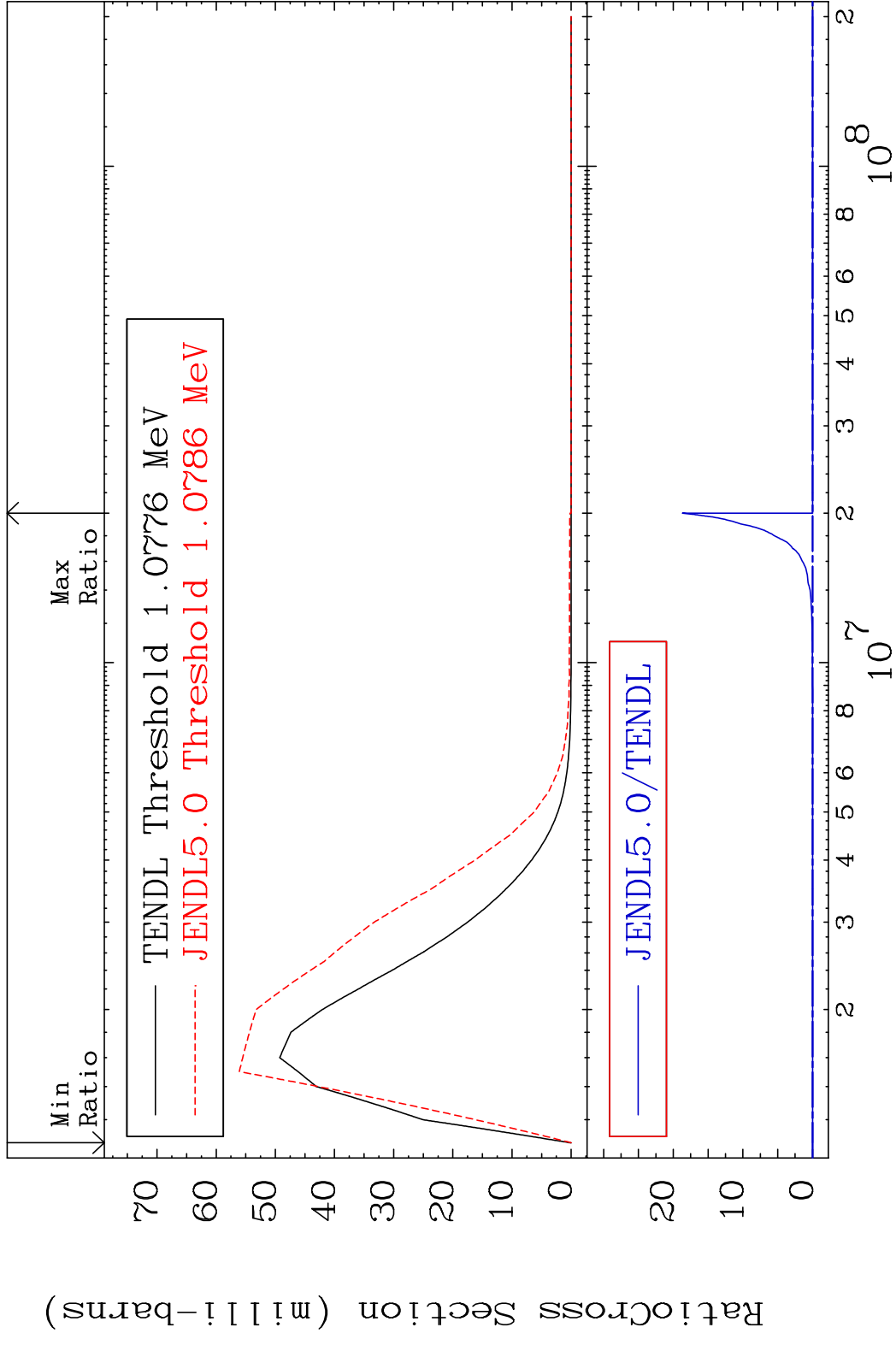
MAT 3325 MT= 63 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



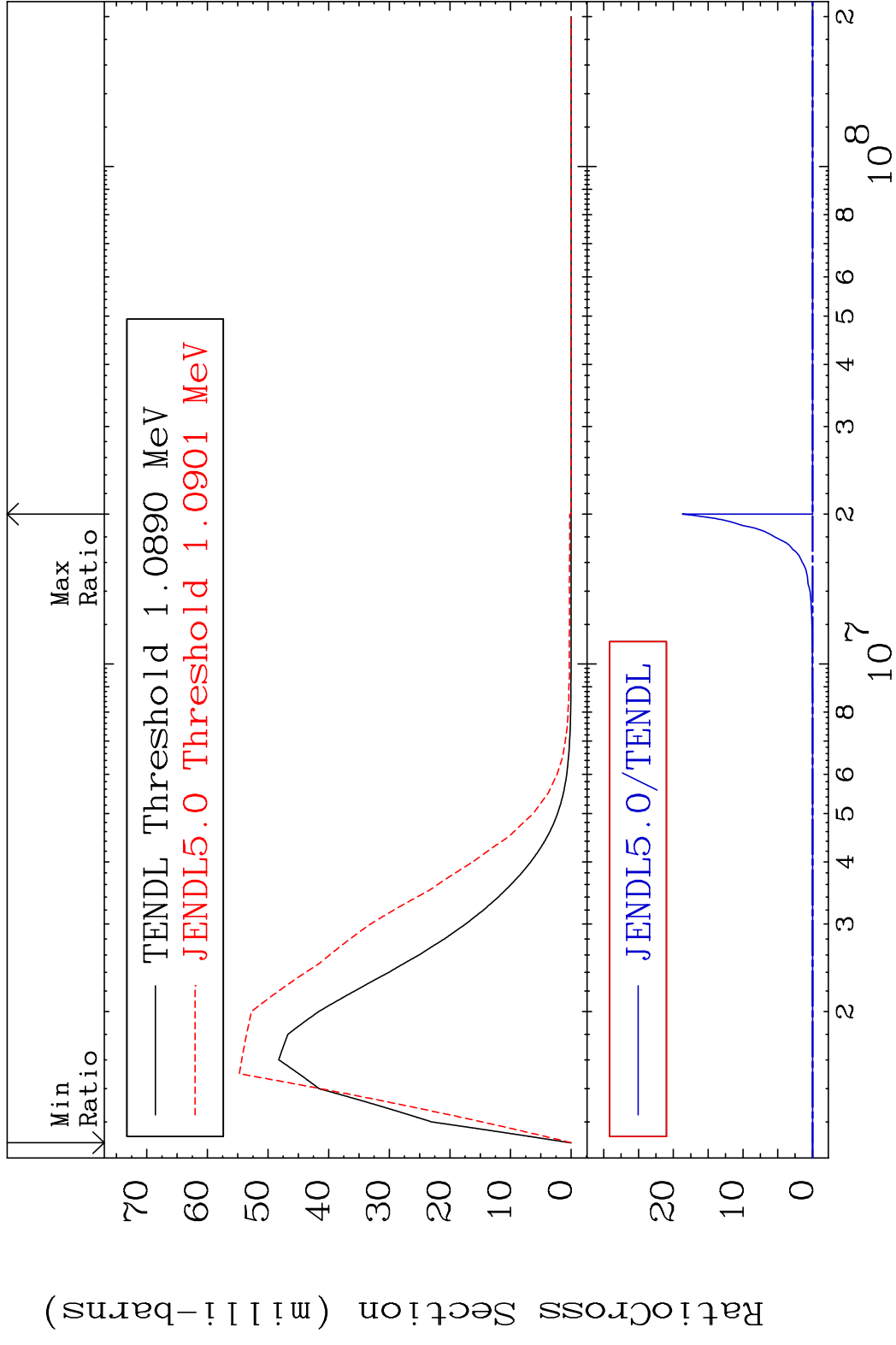
MAT 3325 MT= 64 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



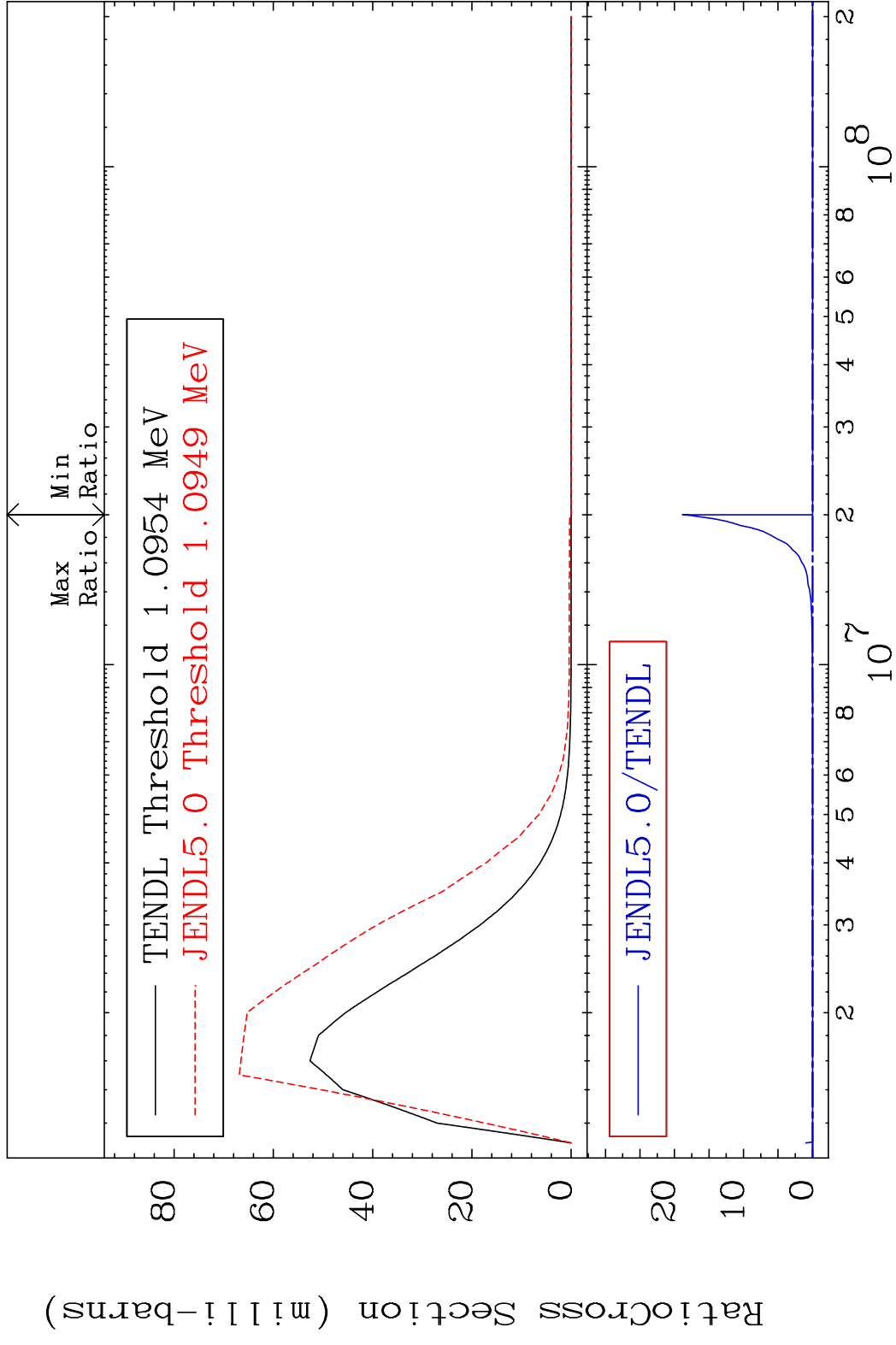
MAT 3325 MT= 65 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



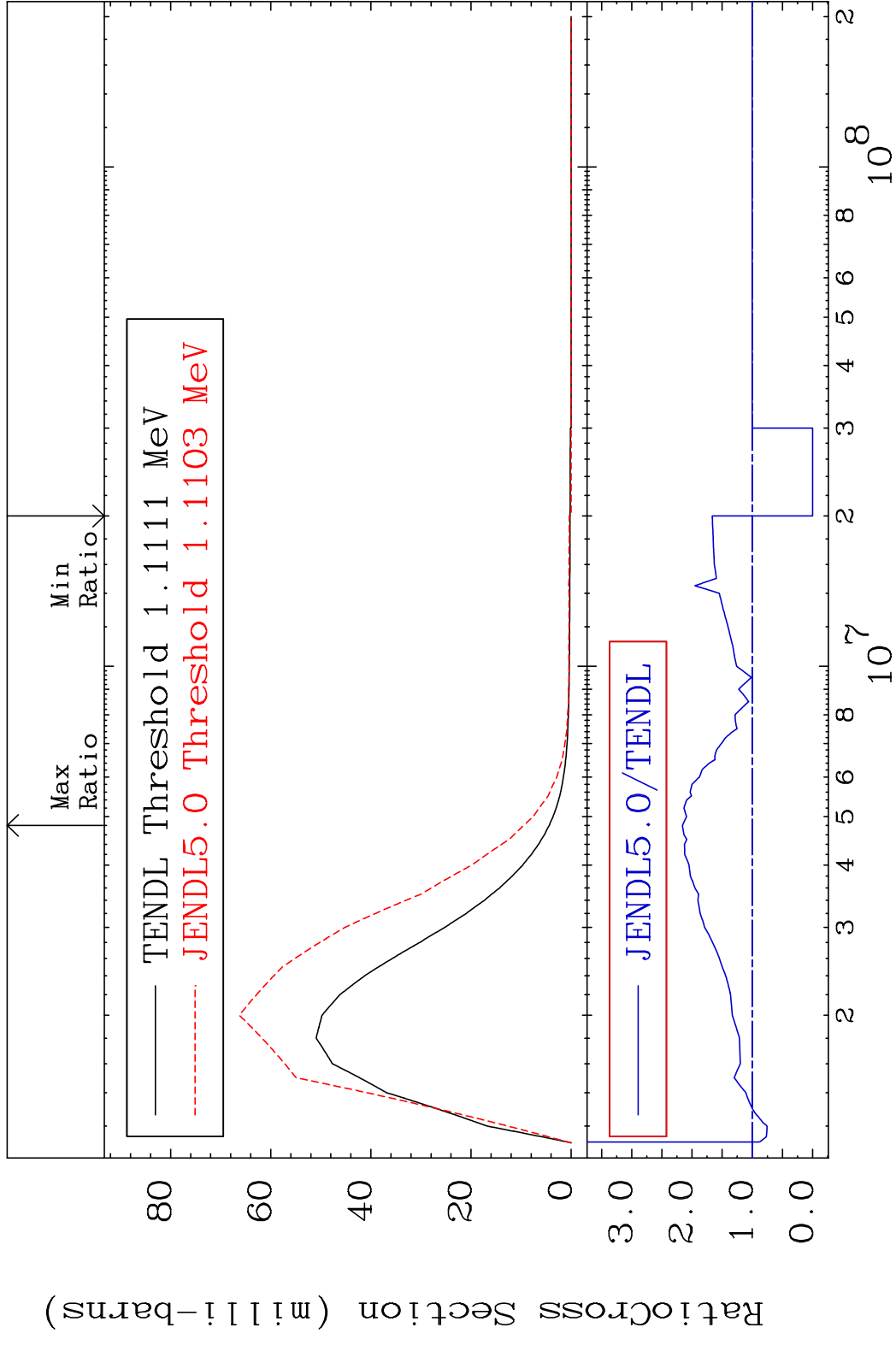
MAT 3325 MT= 66 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



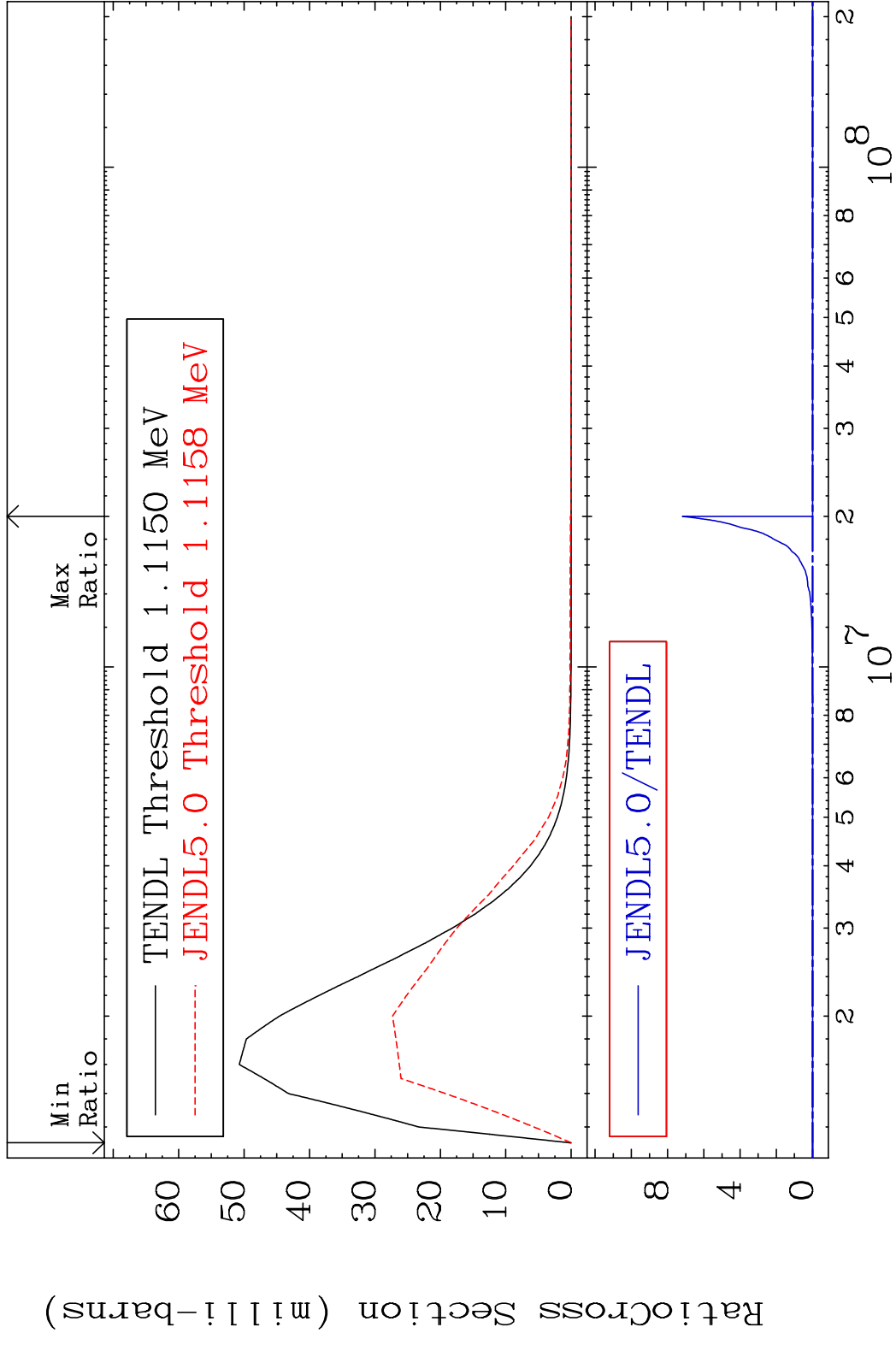
MAT 3325 MT= 67 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



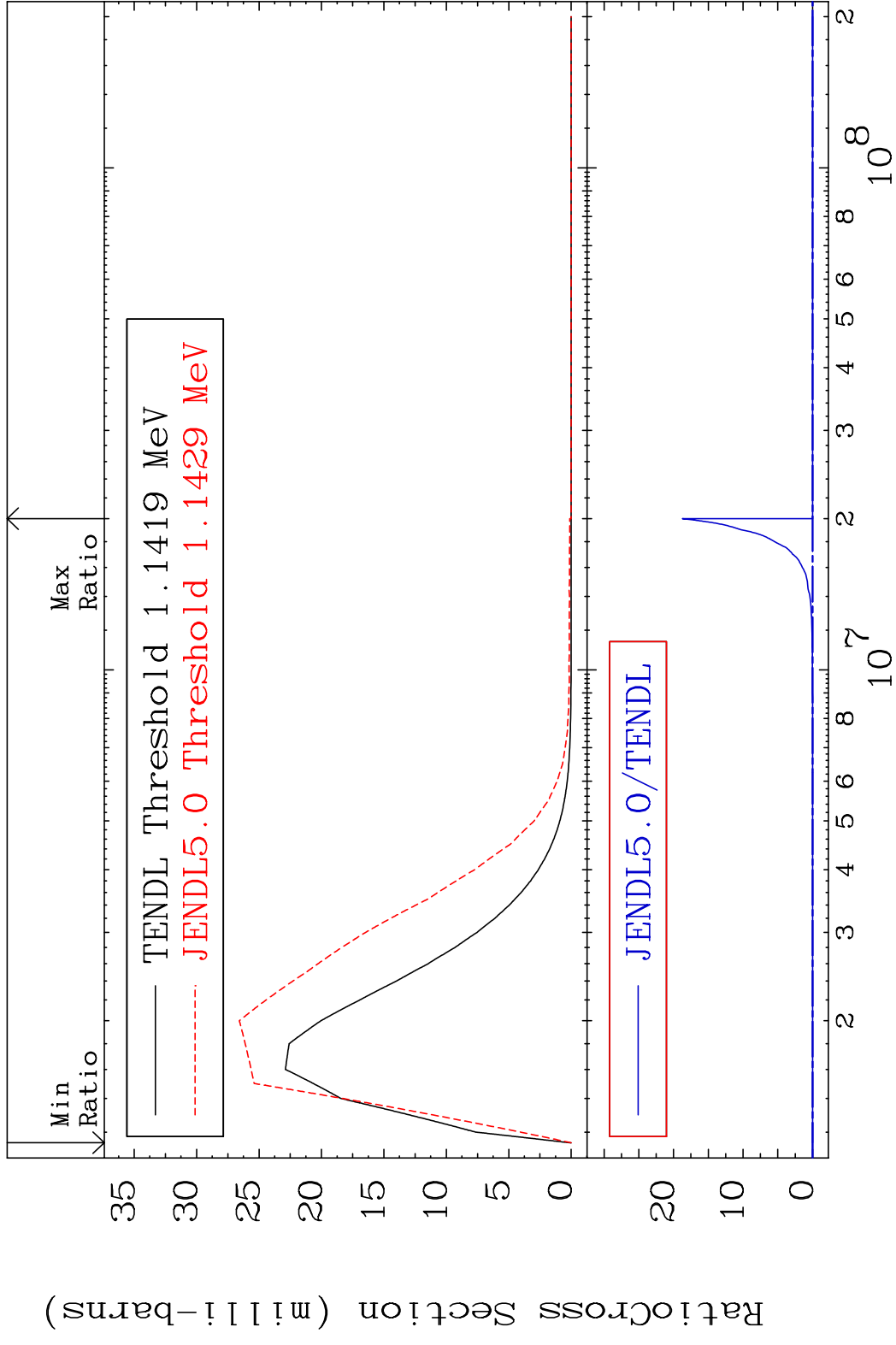
MAT 3325 MT= 68 (n, n') Level 33-As-75  
 Cross Section -100.0 To 116.0 %



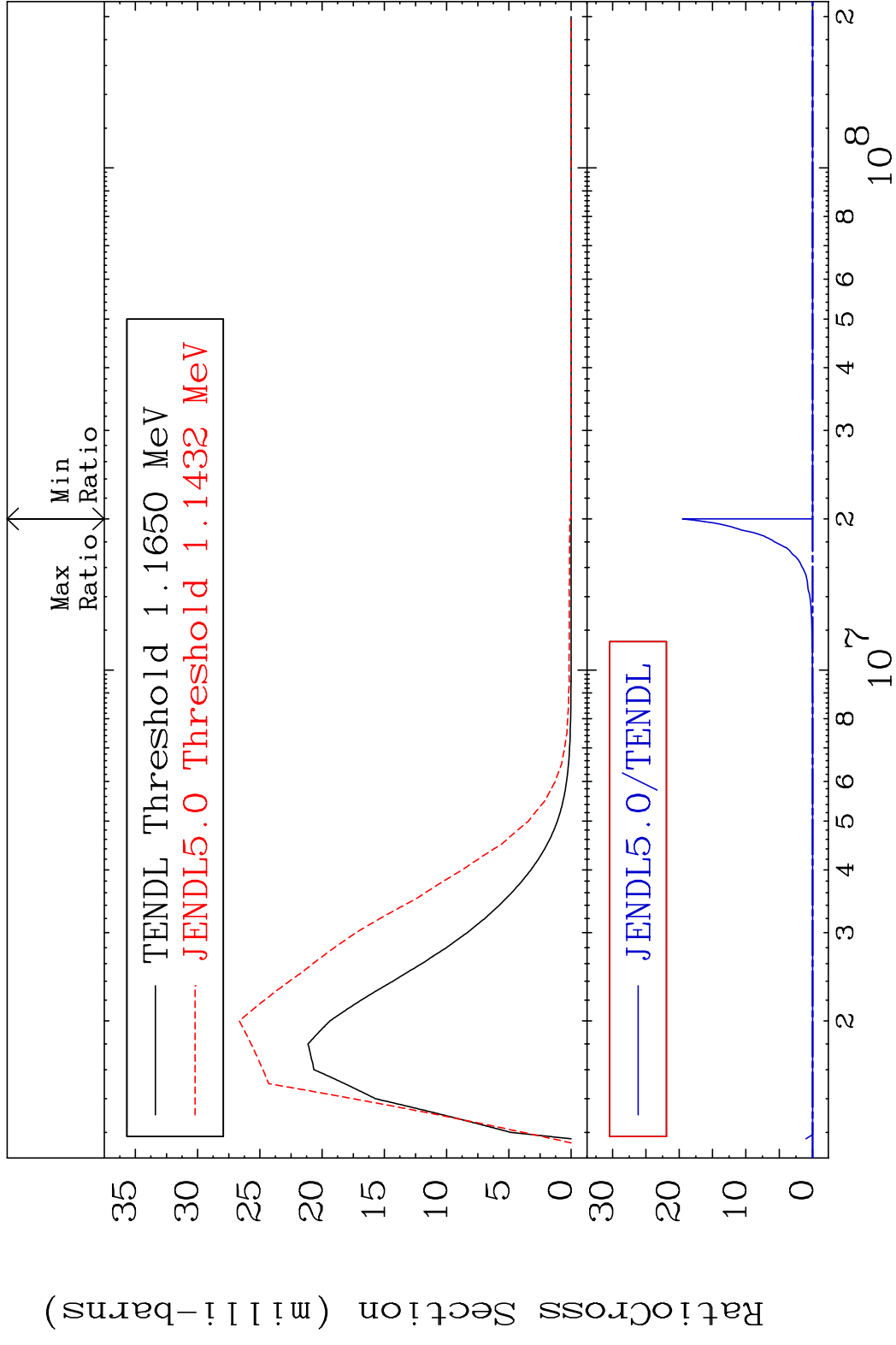
MAT 3325 MT= 69 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



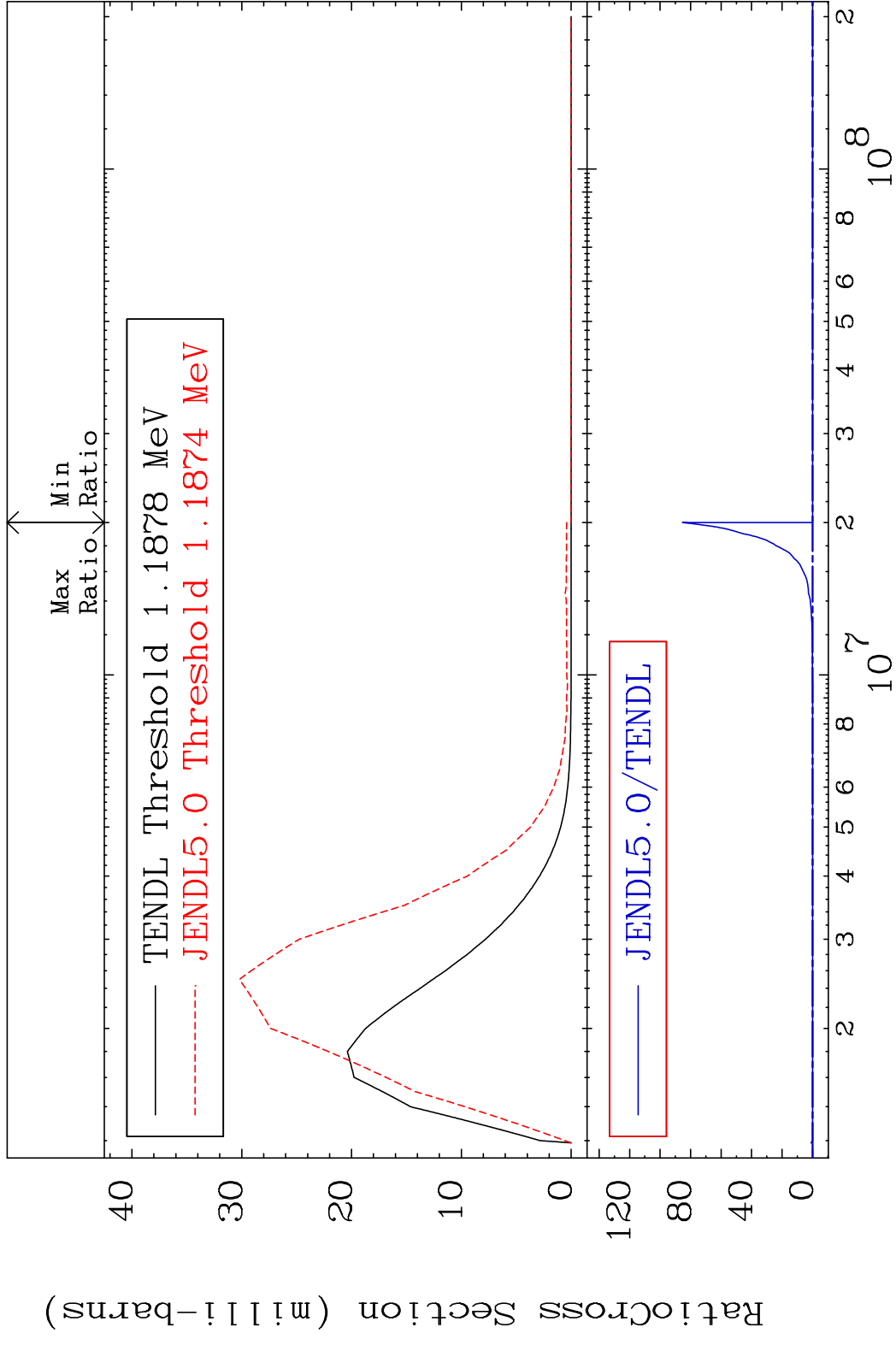
MAT 3325 MT= 70 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



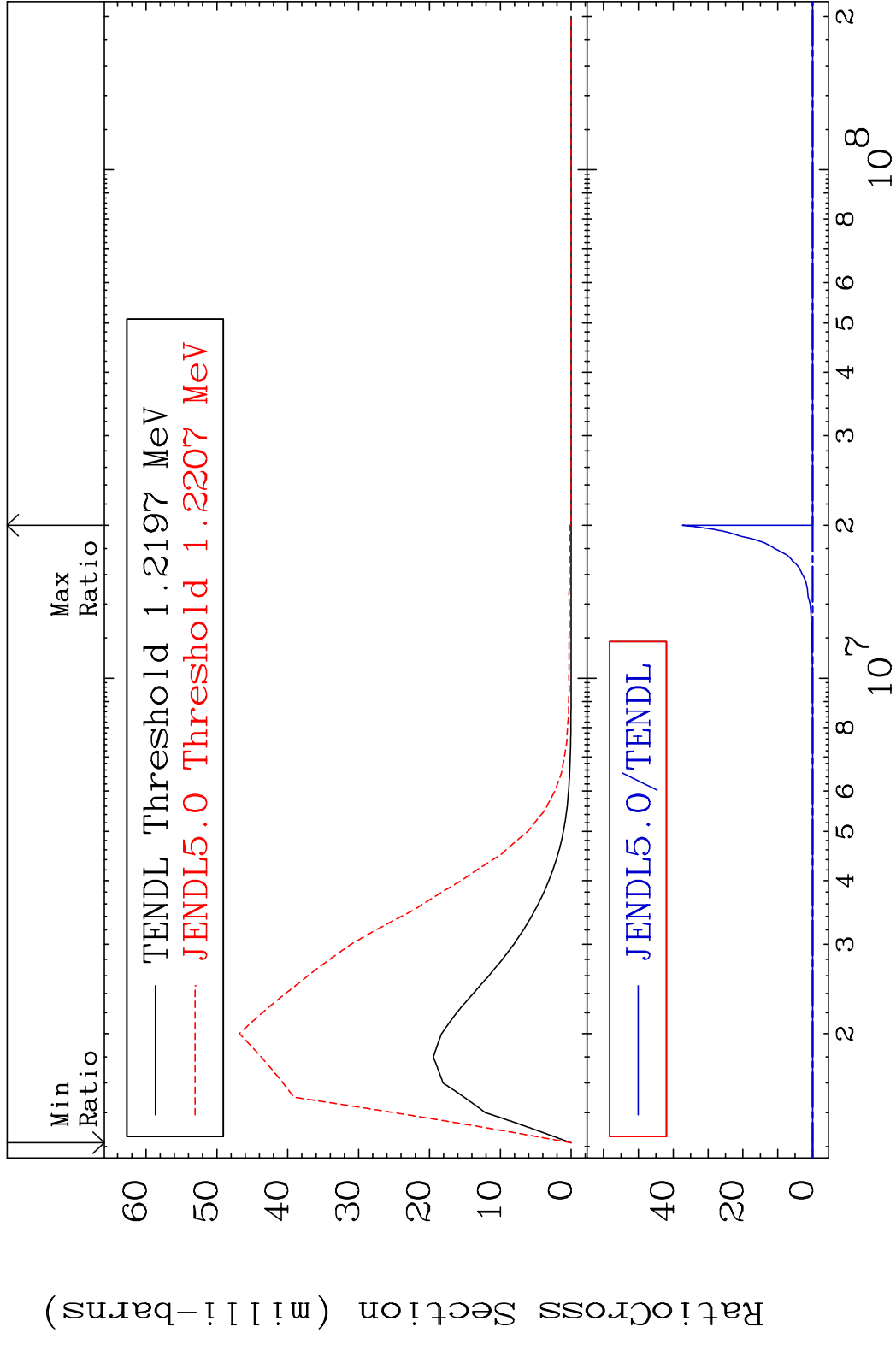
MAT 3325 MT= 71 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



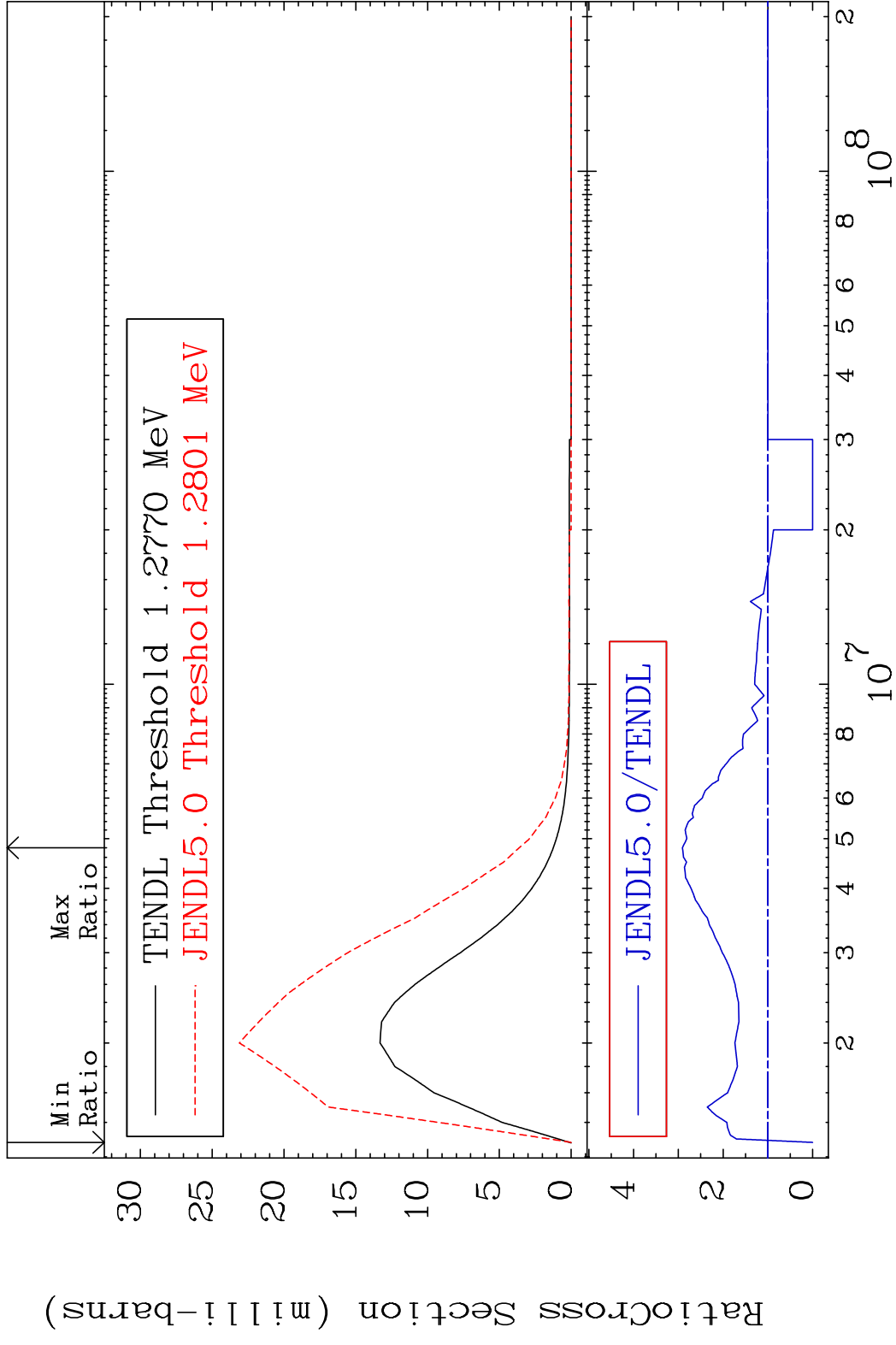
MAT 3325 MT= 72 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



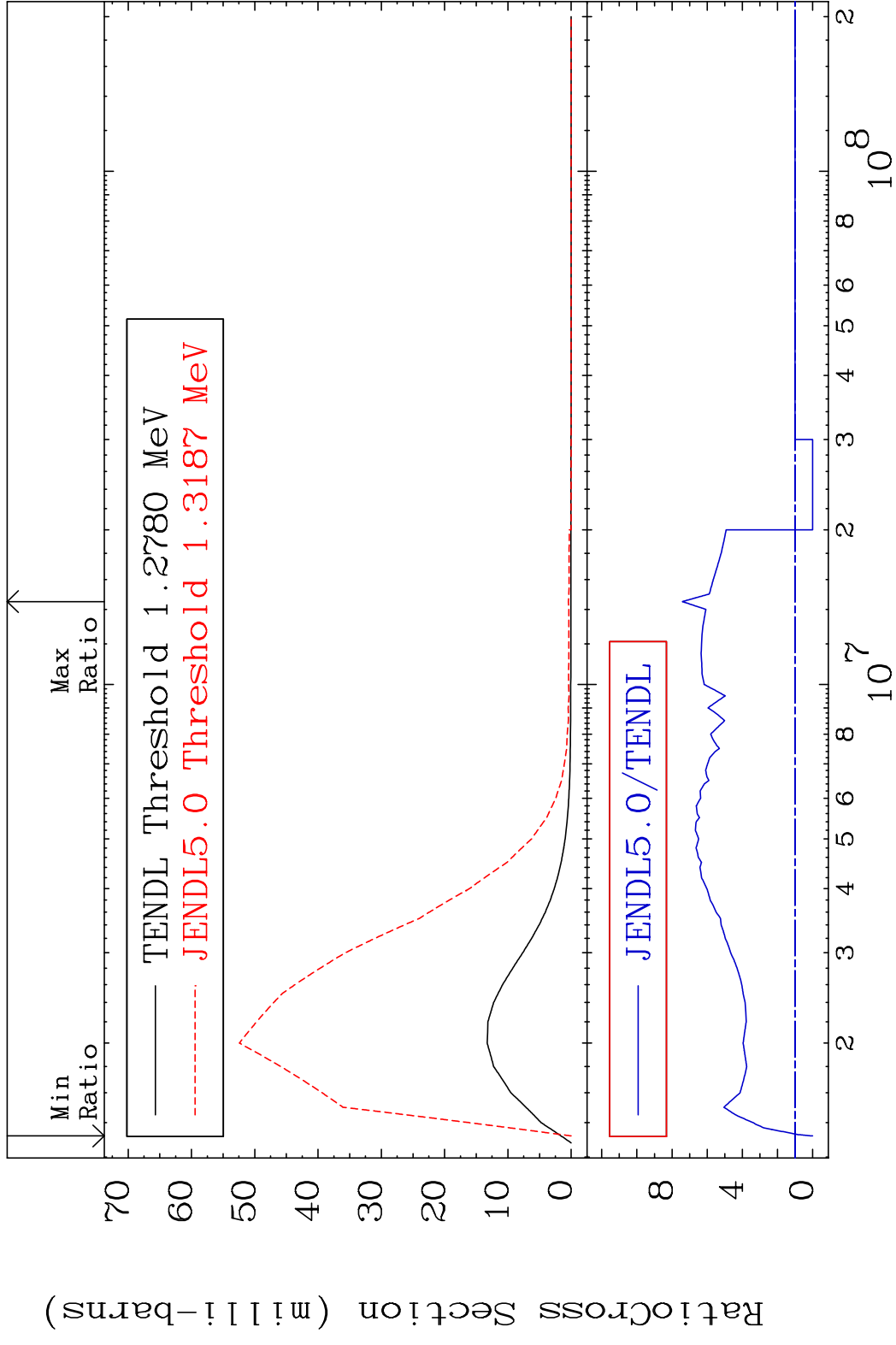
MAT 3325 MT= 73 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



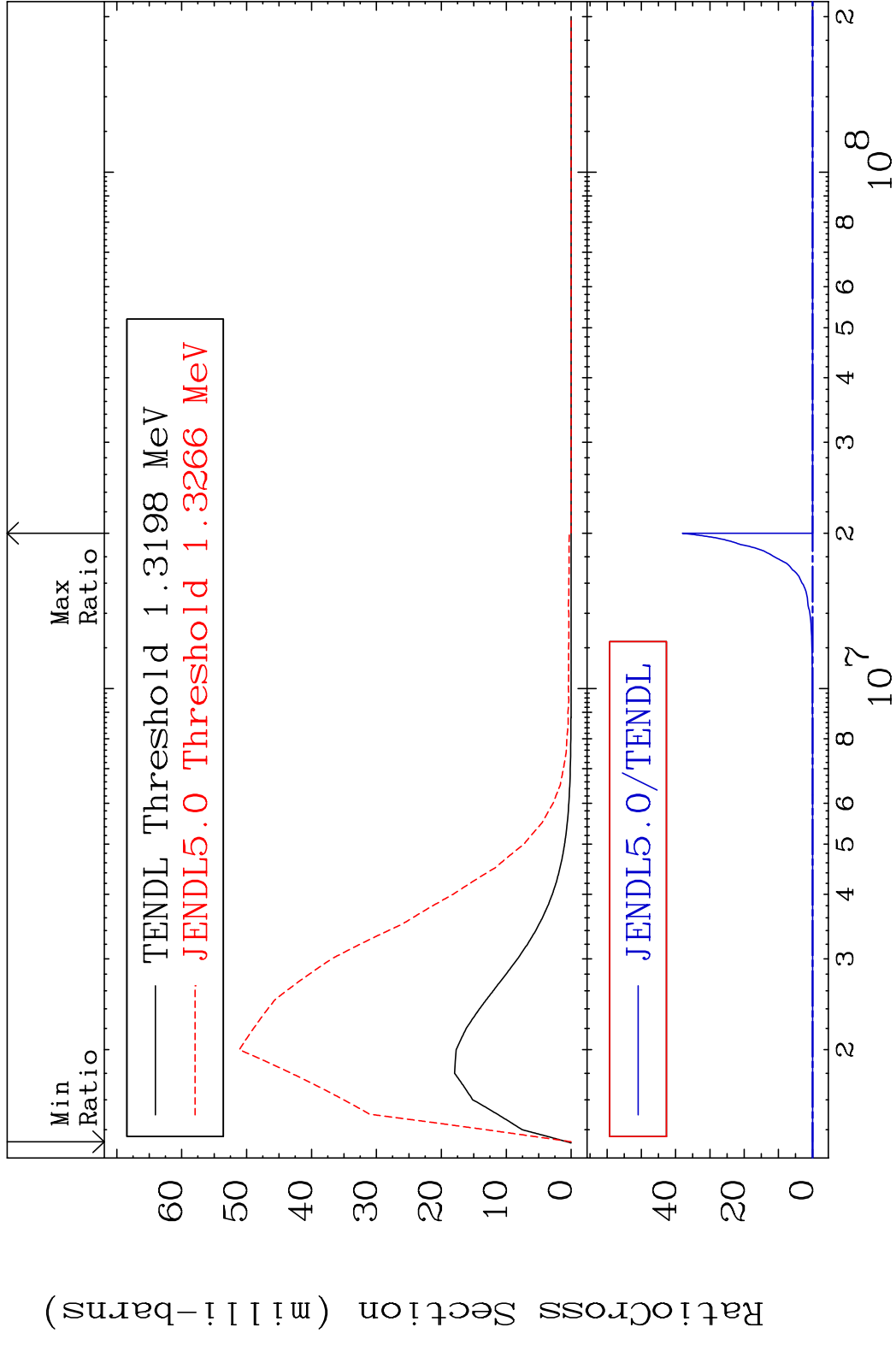
MAT 3325 MT= 74 (n, n') Level 33-As-75  
 Cross Section -100.0 To 191.1 %



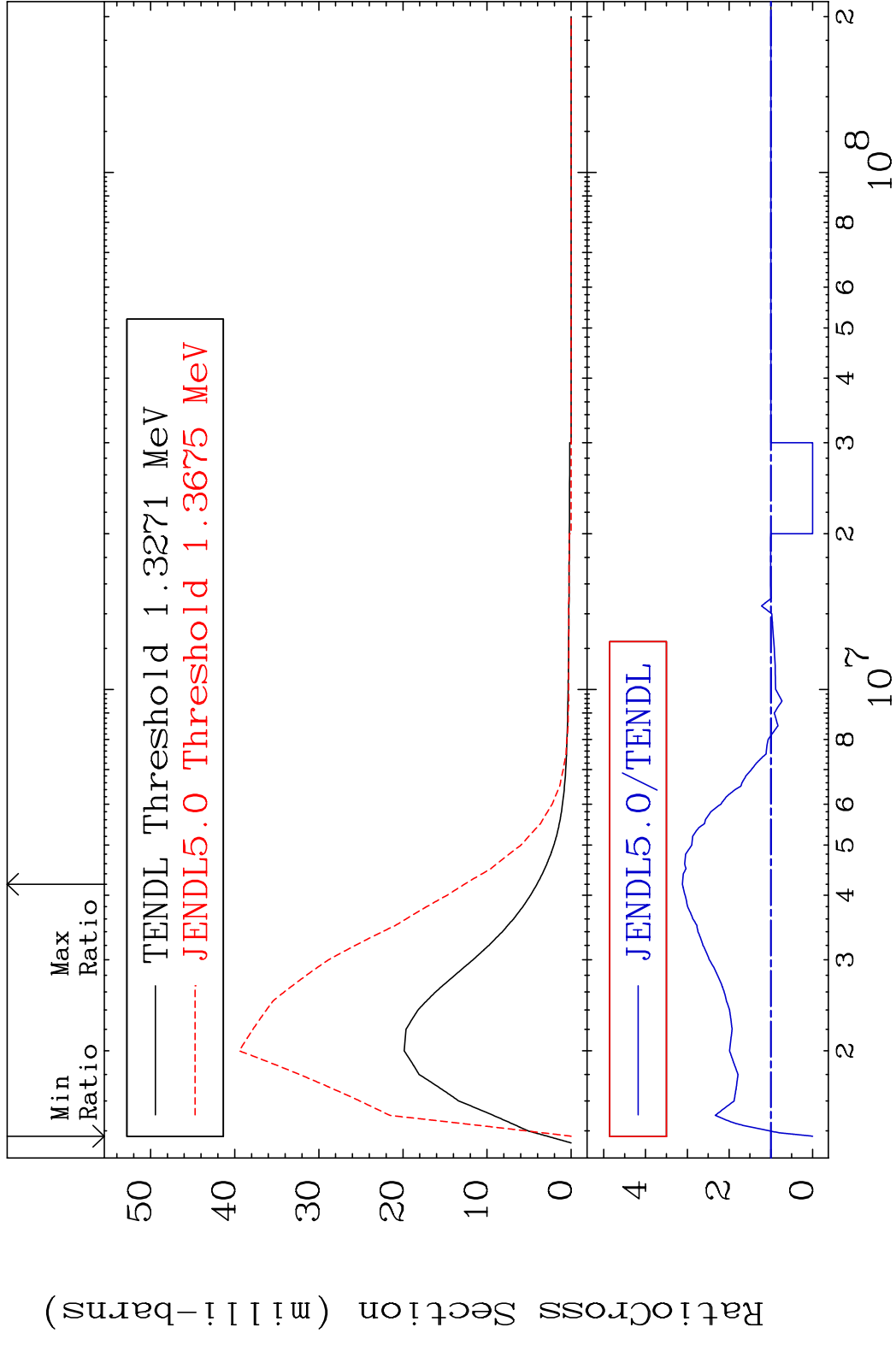
MAT 3325 MT= 75 (n, n') Level 33-As-75  
 Cross Section -100.0 To 641.2 %



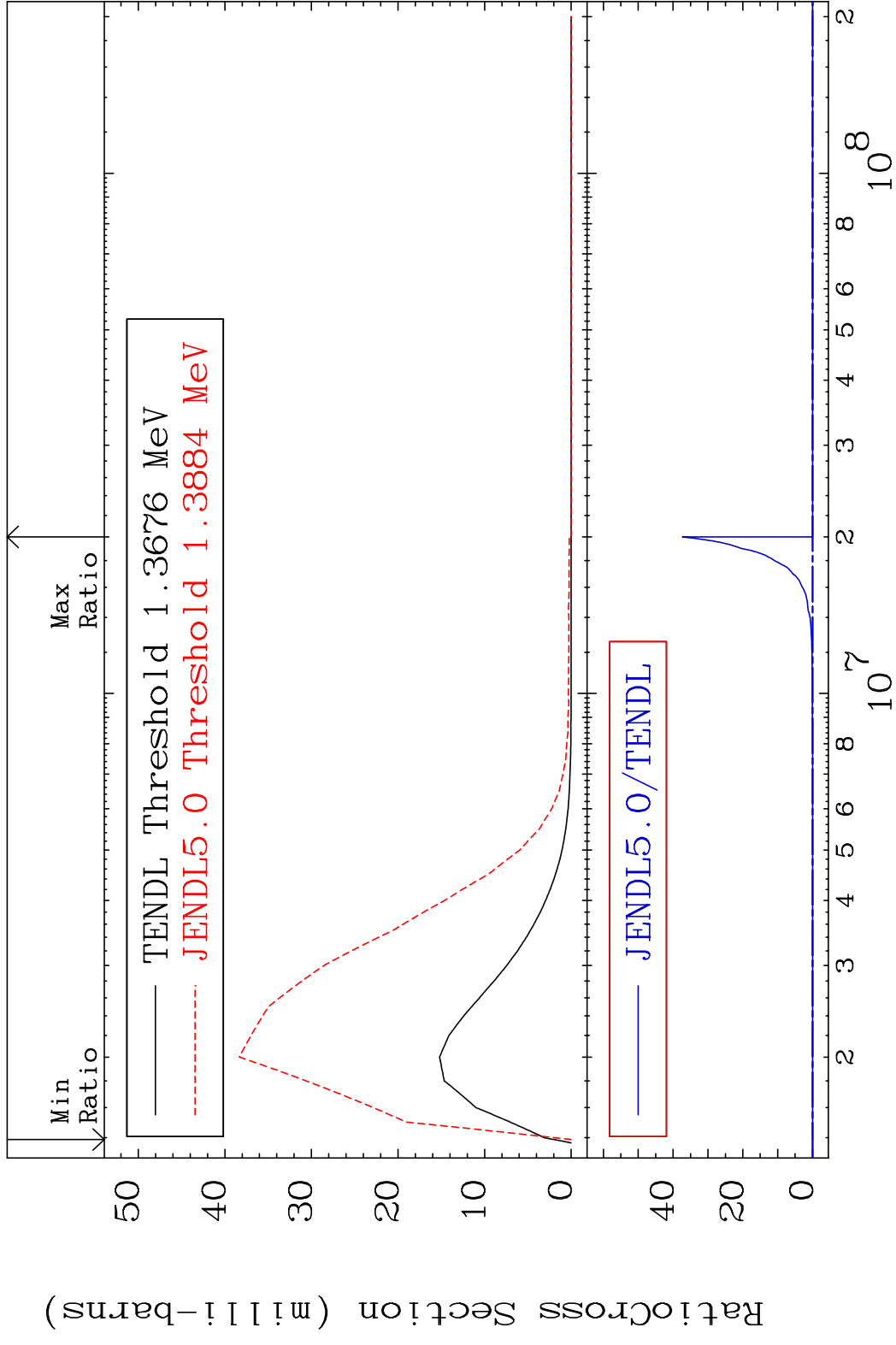
MAT 3325 MT= 76 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



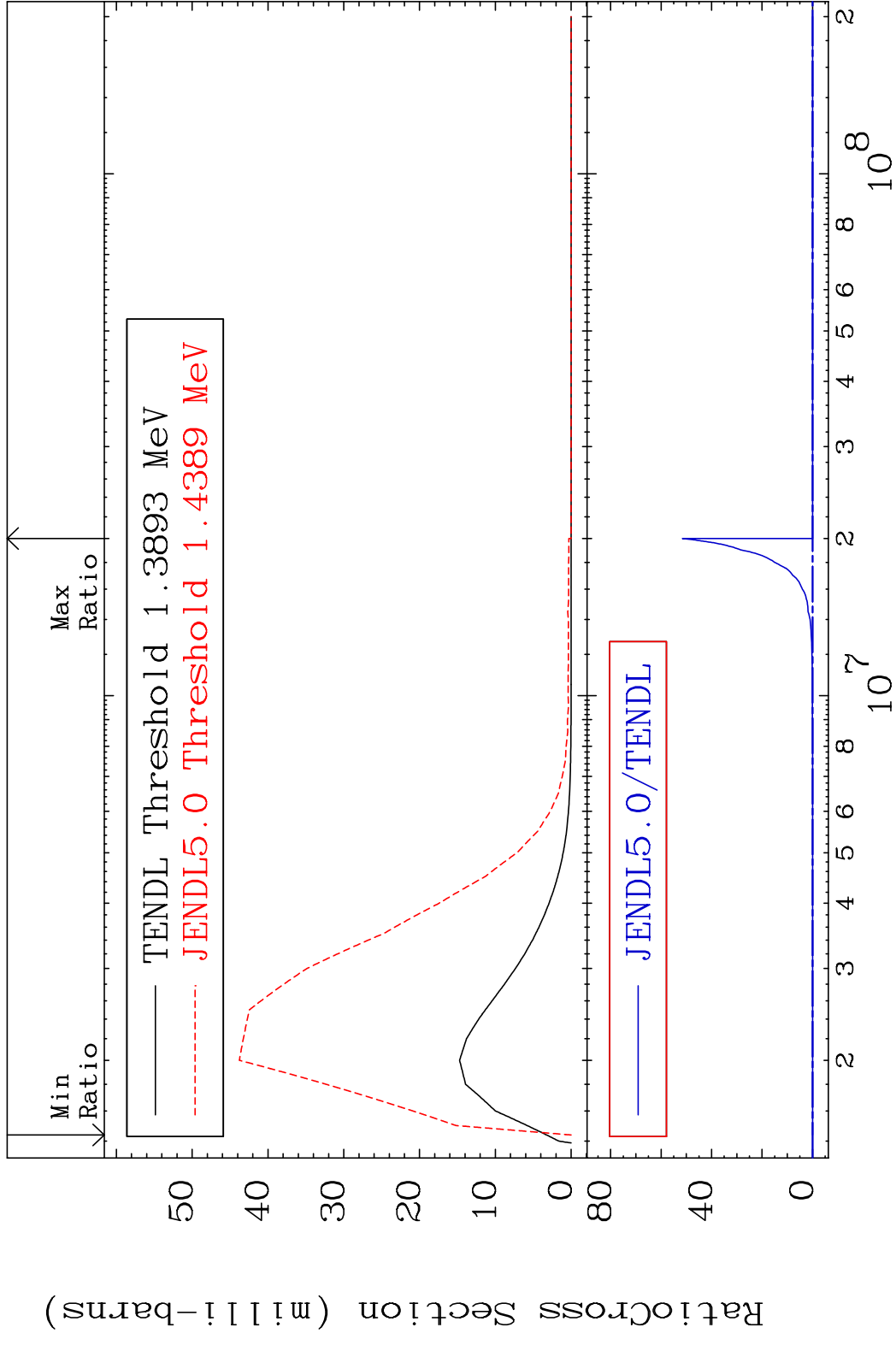
MAT 3325 MT= 77 (n, n') Level 33-As-75  
 Cross Section -100.0 To 211.8 %



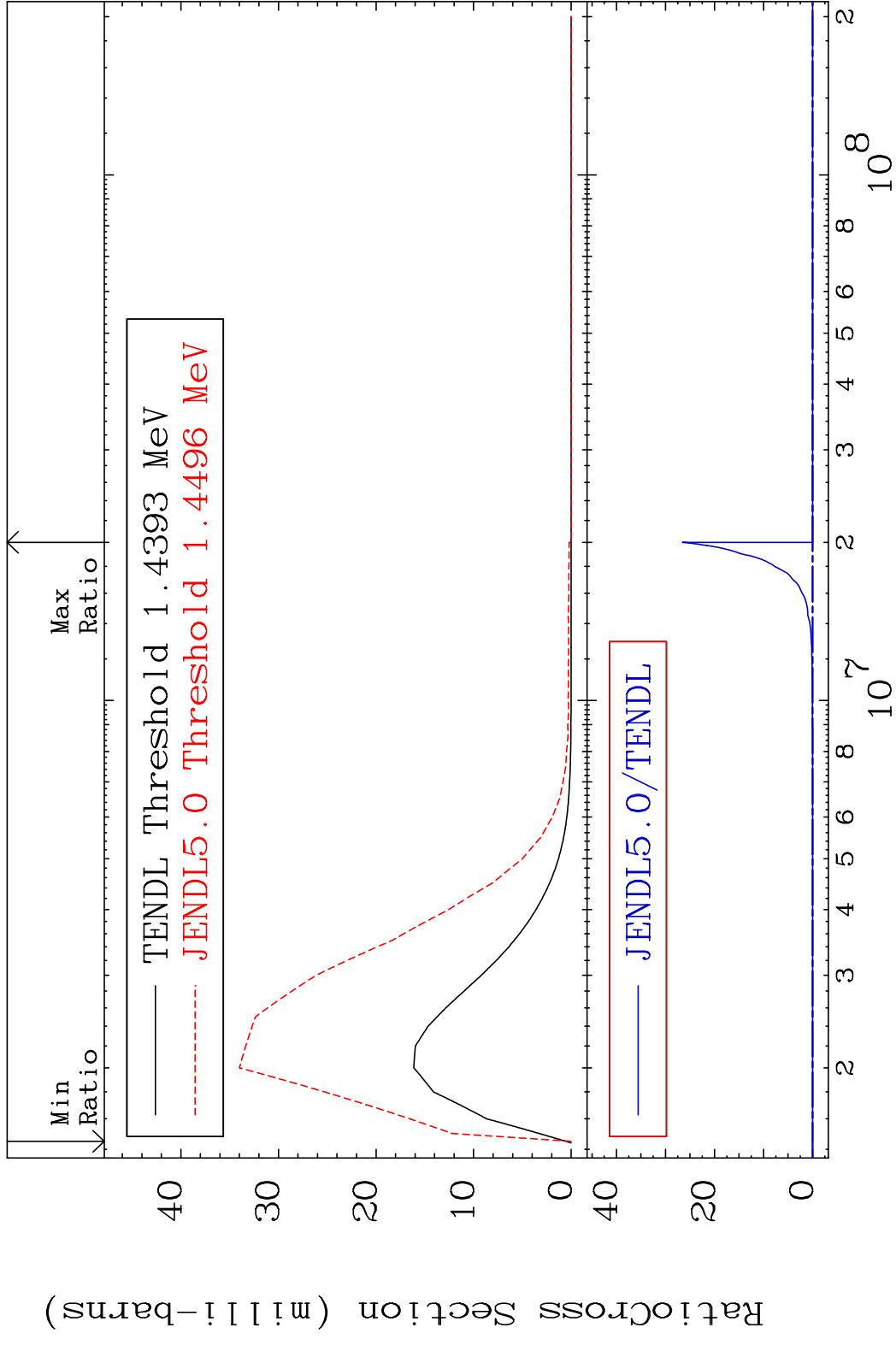
MAT 3325 MT= 78 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



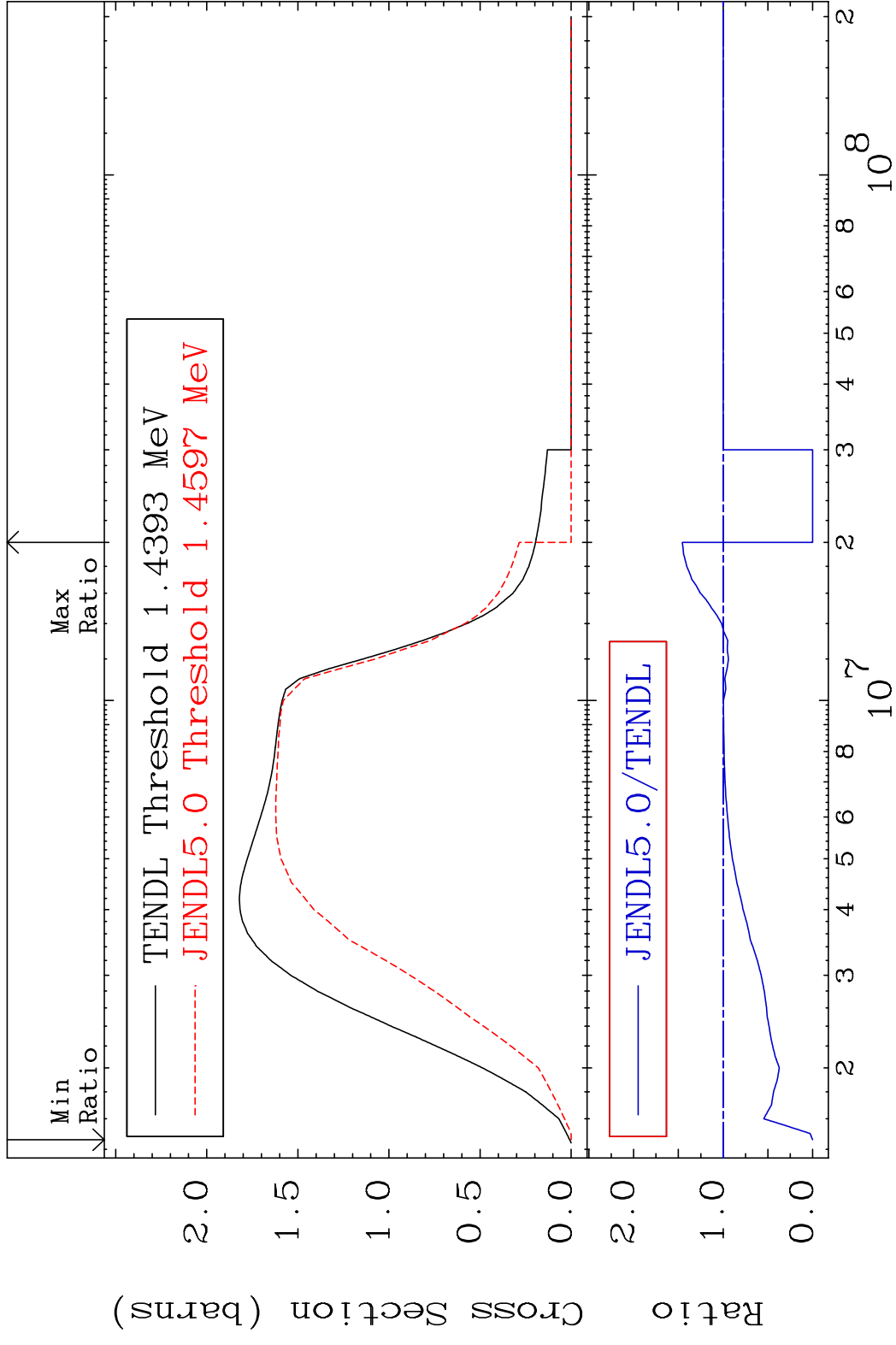
MAT 3325 MT= 79 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



MAT 3325 MT= 80 (n, n') Level 33-As-75  
 Cross Section -100.0 To 9999. %



MAT 3325 (n,n') Continuum 33-As-75  
 Cross Section -100.0 To 45.57 %

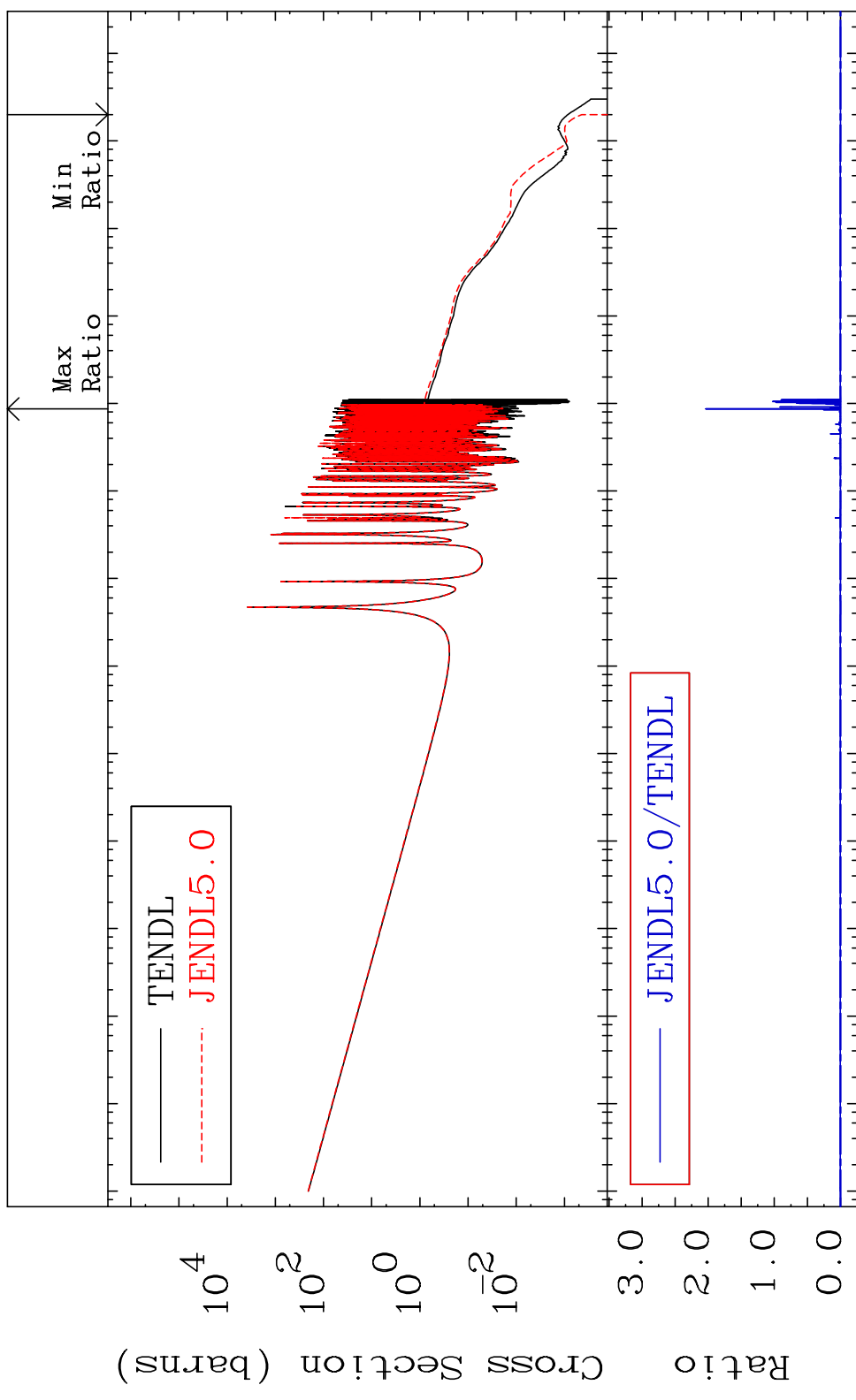


MAT 3325

(n,  $\gamma$ )

33-As-75

Cross Section -100.0 To 9999. %

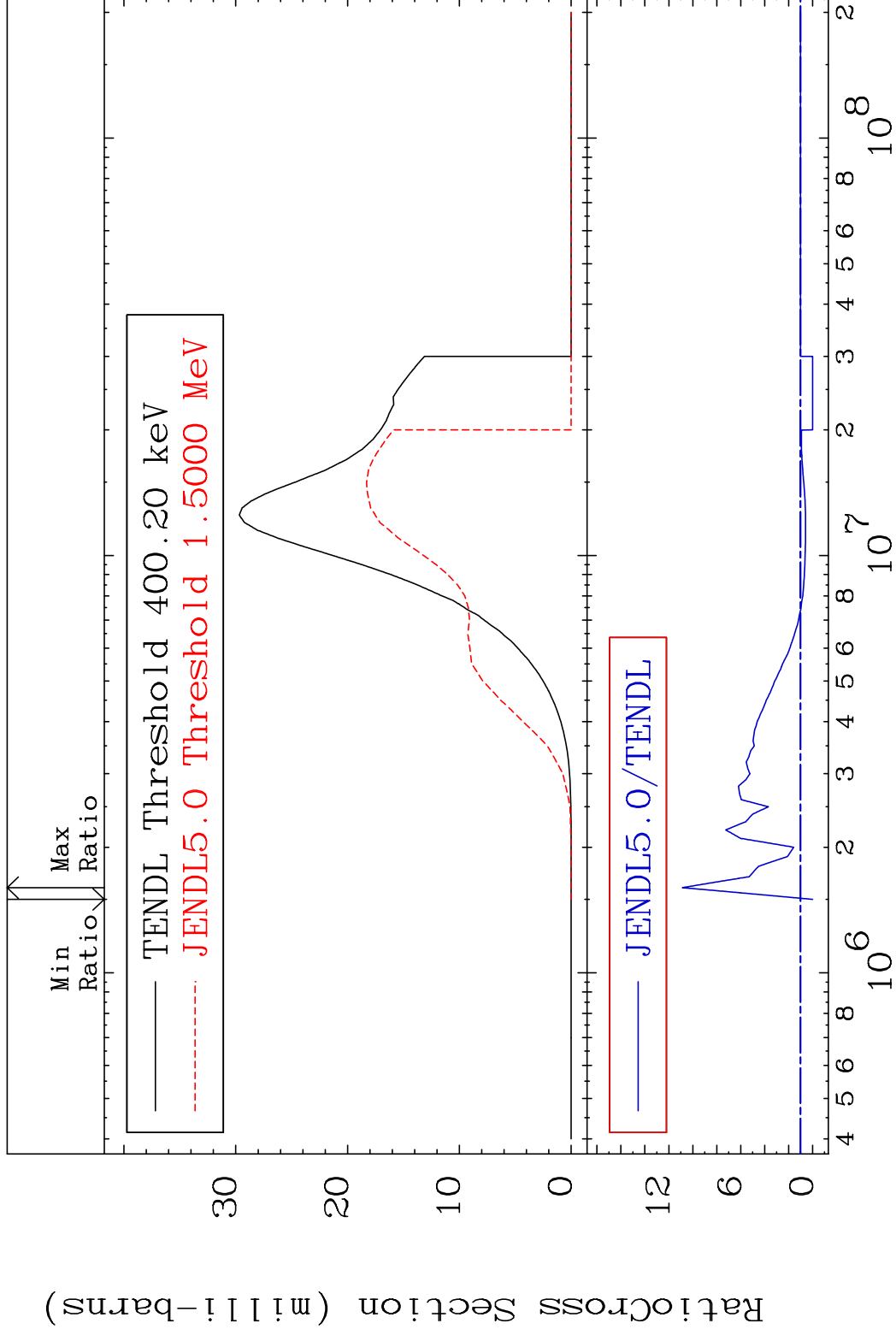


MAT 3325

(n,p)

33-As-75

Cross Section -100.0 To 987.1 %



42

Incident Energy (eV)

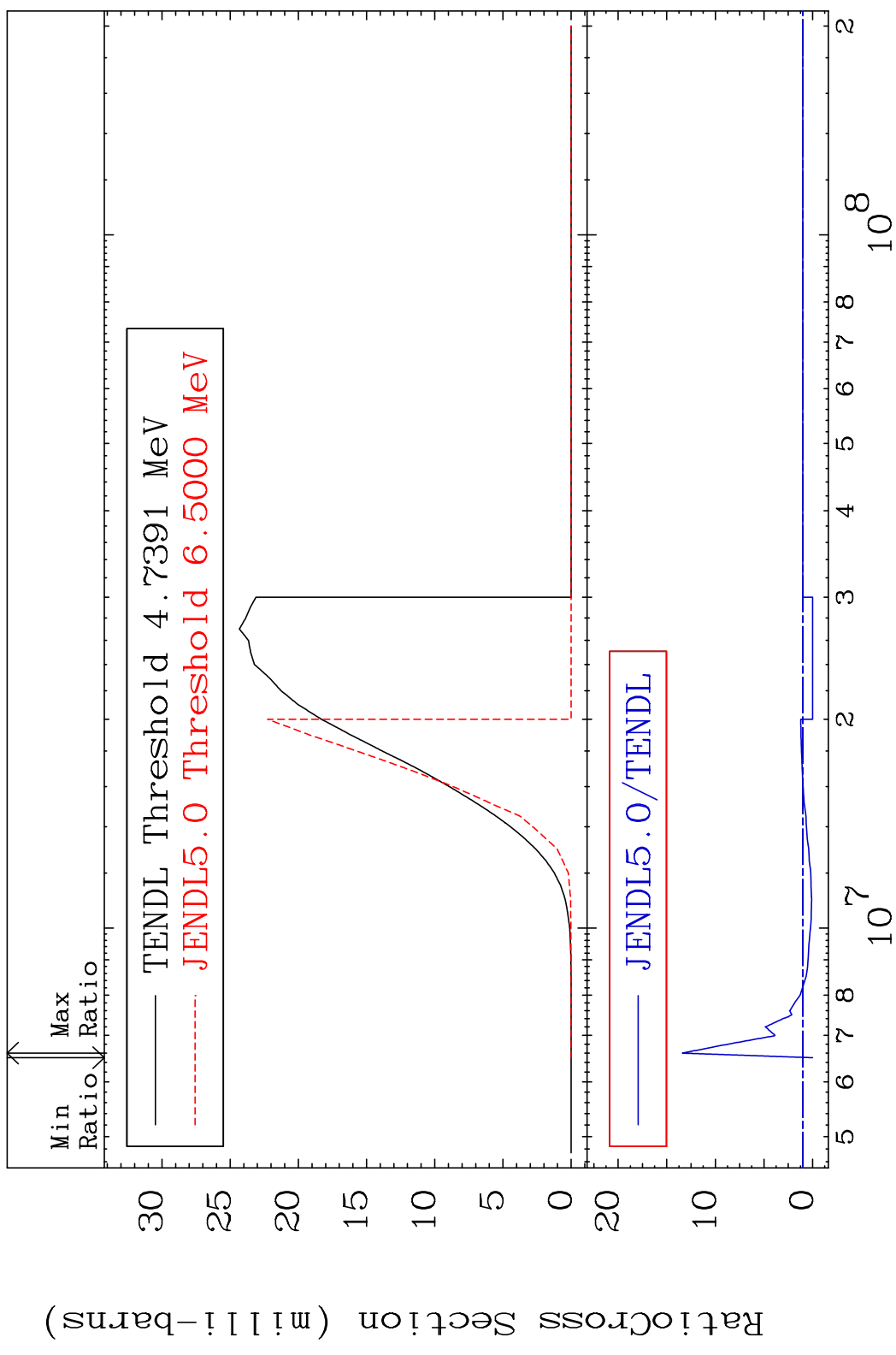
33-As-75

MAT 3325

(n,d)

33-As-75

Cross Section -100.0 To 1239. %

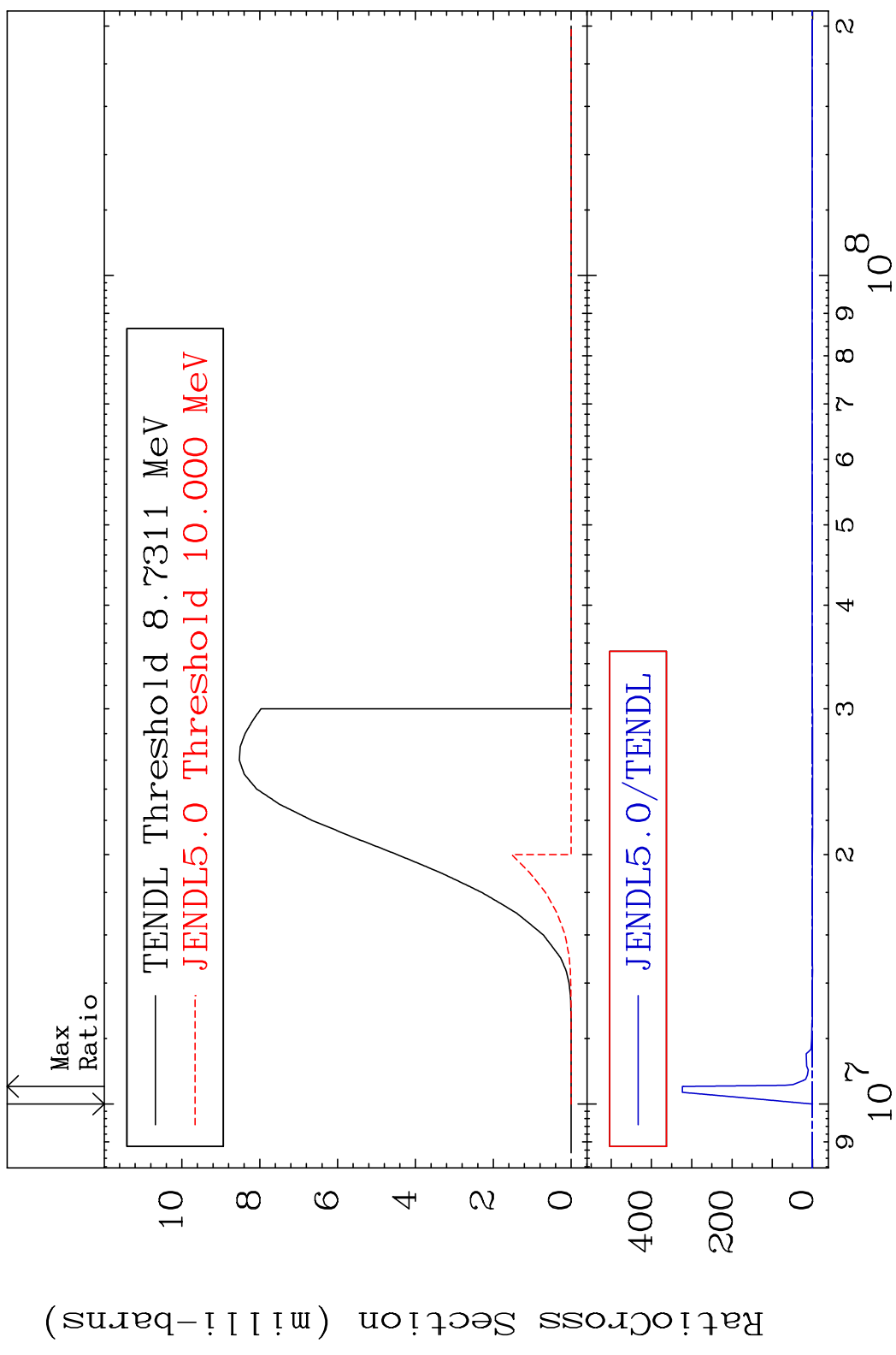


MAT 3325

(n, t)

33-As-75

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

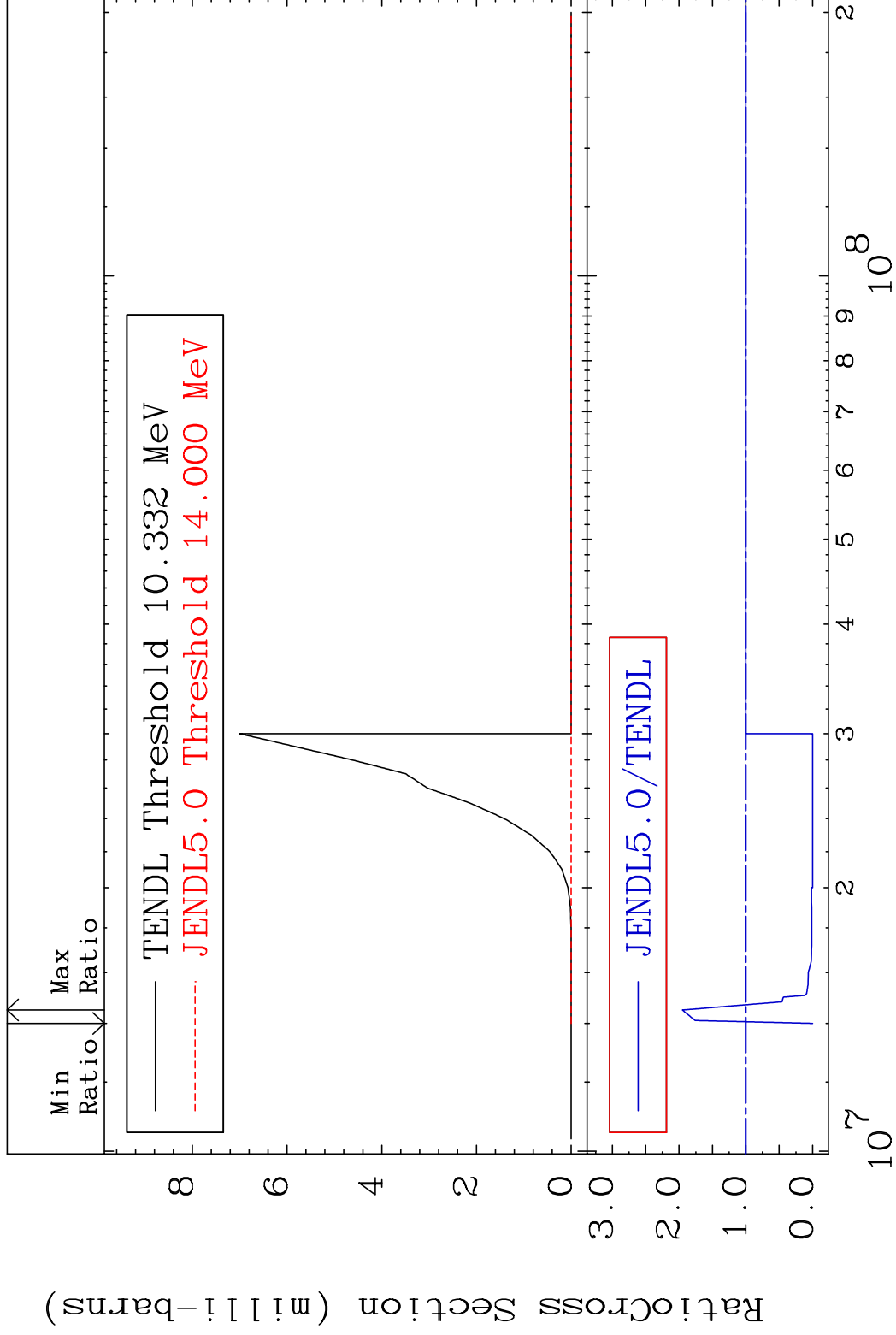
33-As-75

MAT 3325

(n, He-3)

33-As-75

Cross Section -100.0 To 95.07 %

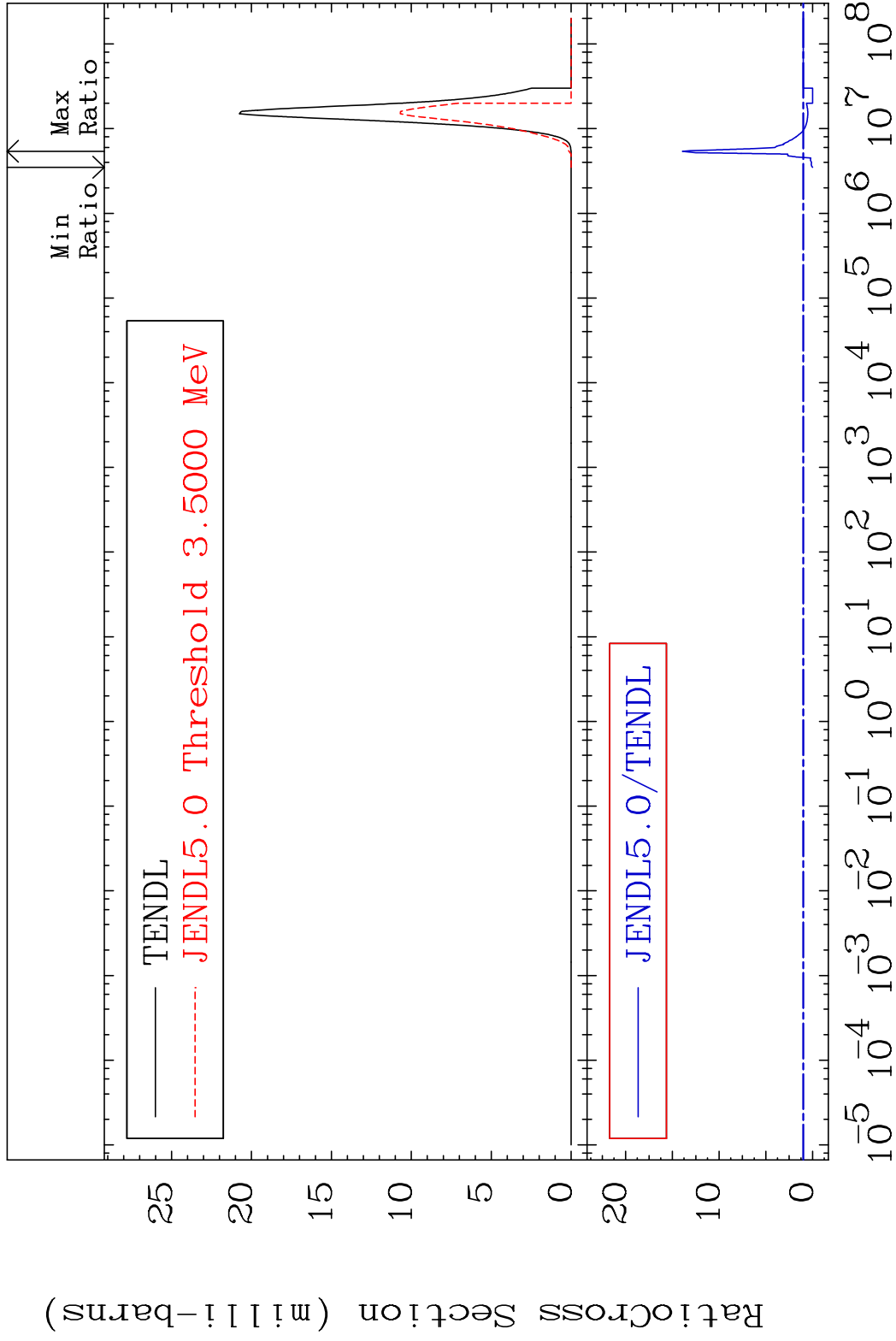


MAT 3325

(n,  $\alpha$ )

33-As-75

Cross Section -100.0 To 1293. %



46

Incident Energy (eV)

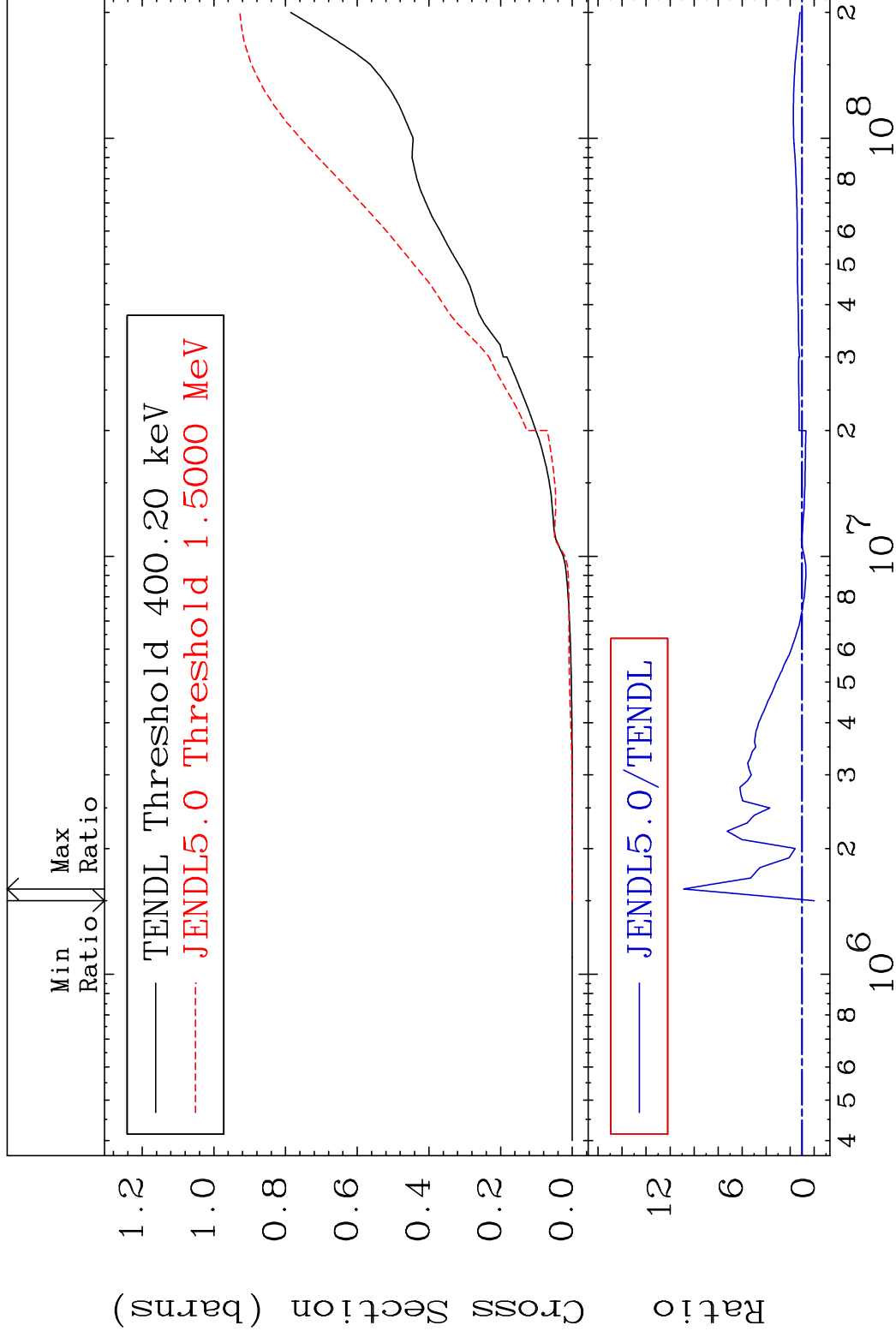
33-As-75

MAT 3325

Hydrogen Production

33-As-75

Cross Section -100.0 To 987.1 %



47

Incident Energy (eV)

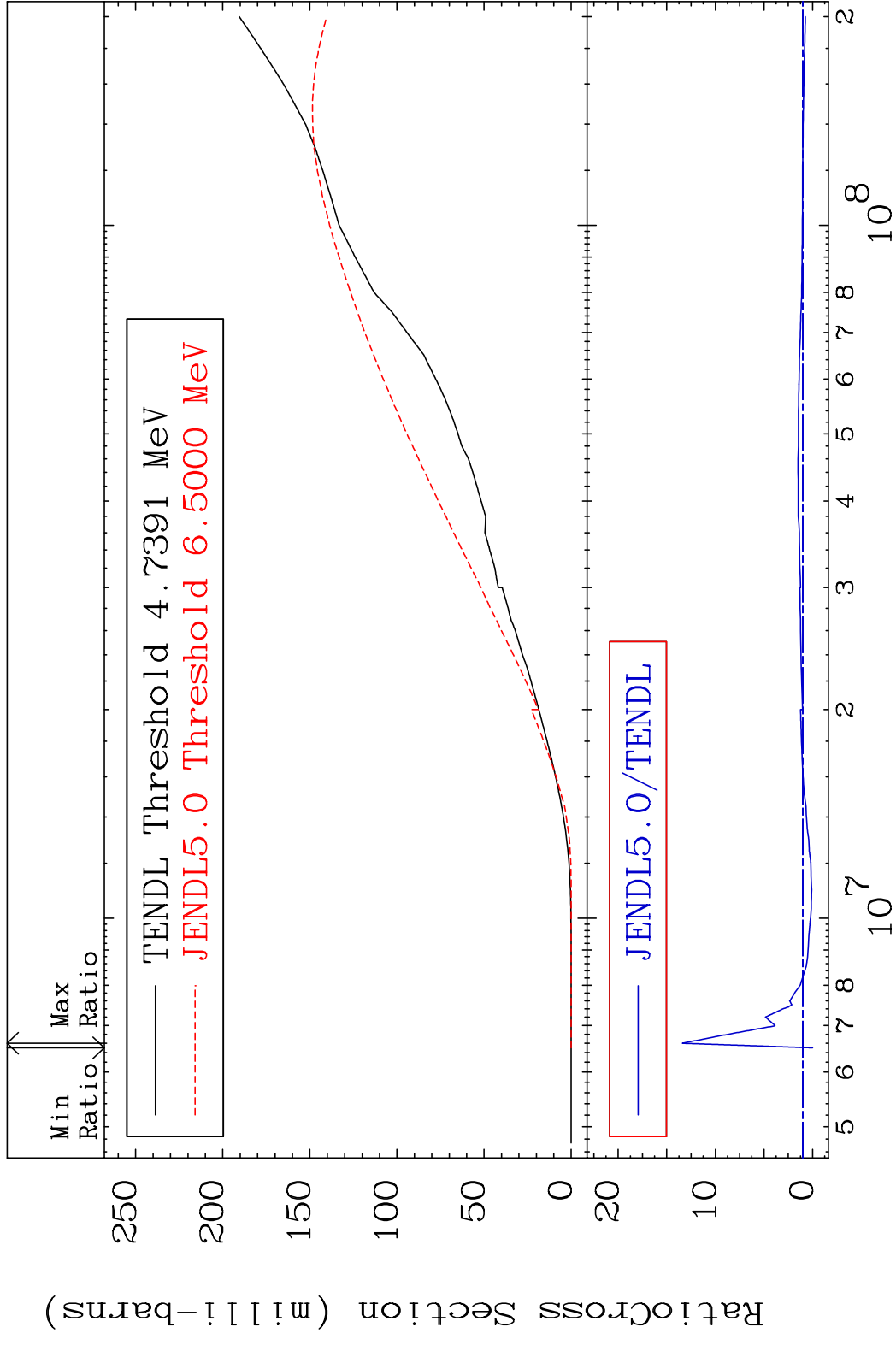
33-As-75

MAT 3325

Deuterium Production

33-As-75

Cross Section -100.0 To 1239. %

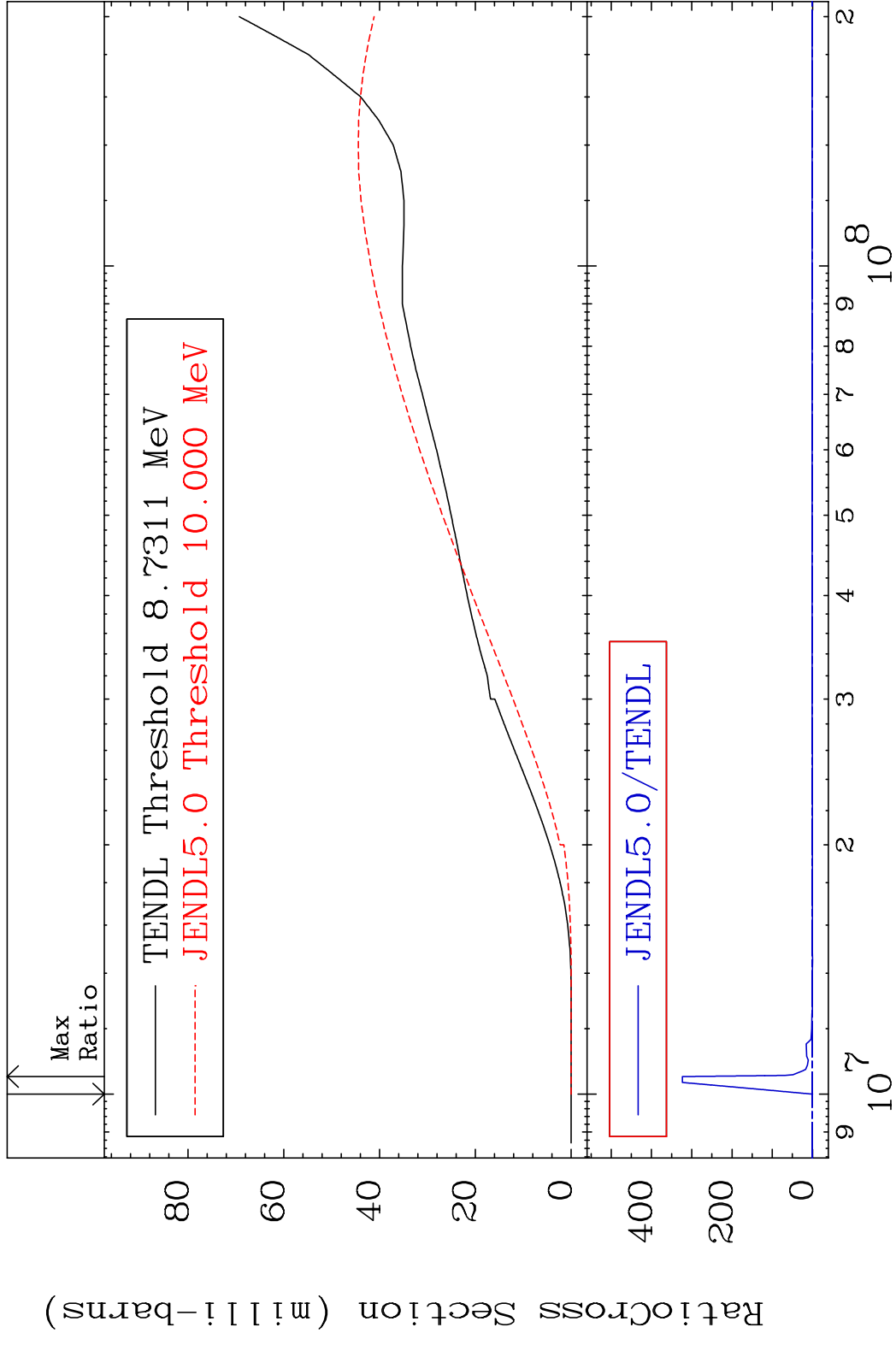


48

Incident Energy (eV)

33-As-75

MAT 3325 Tritium Production 33-As-75  
 Cross Section -100.0 To 9999. %



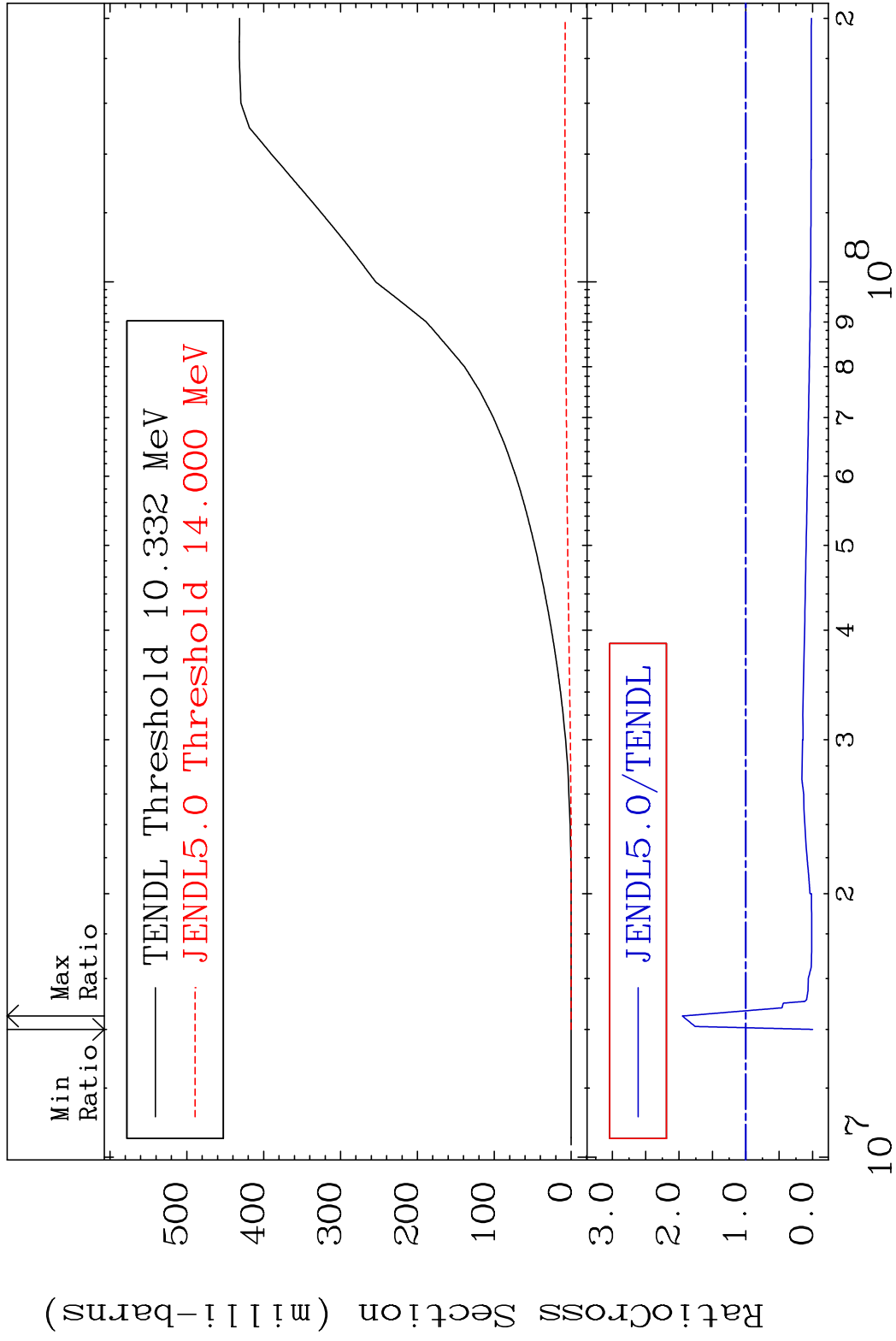
49 33-As-75

MAT 3325

He-3 Production

33-As-75

Cross Section -100.0 To 95.07 %



50

Incident Energy (eV)

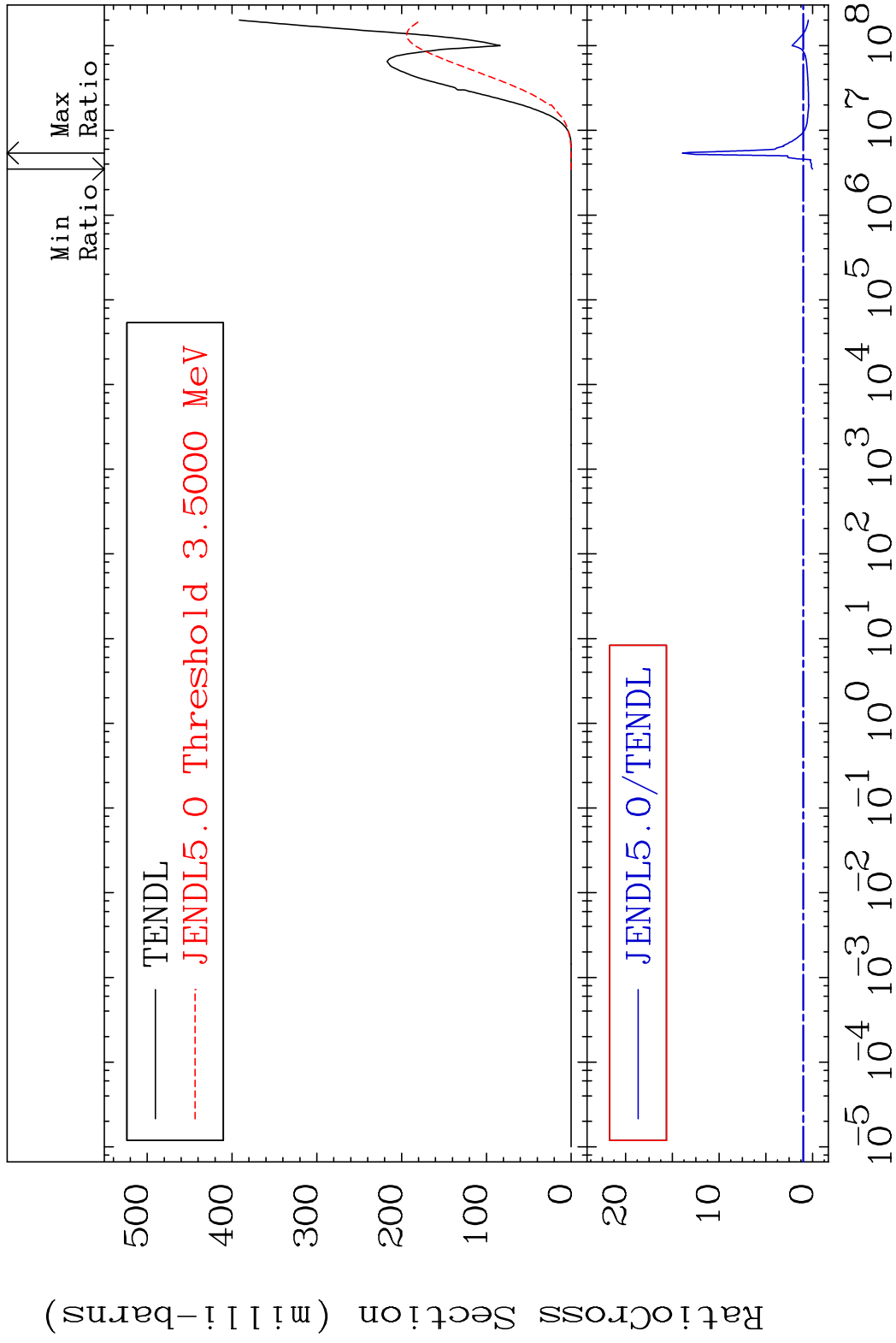
33-As-75

MAT 3325

He-4 Production

33-As-75

Cross Section -100.0 To 1293. %

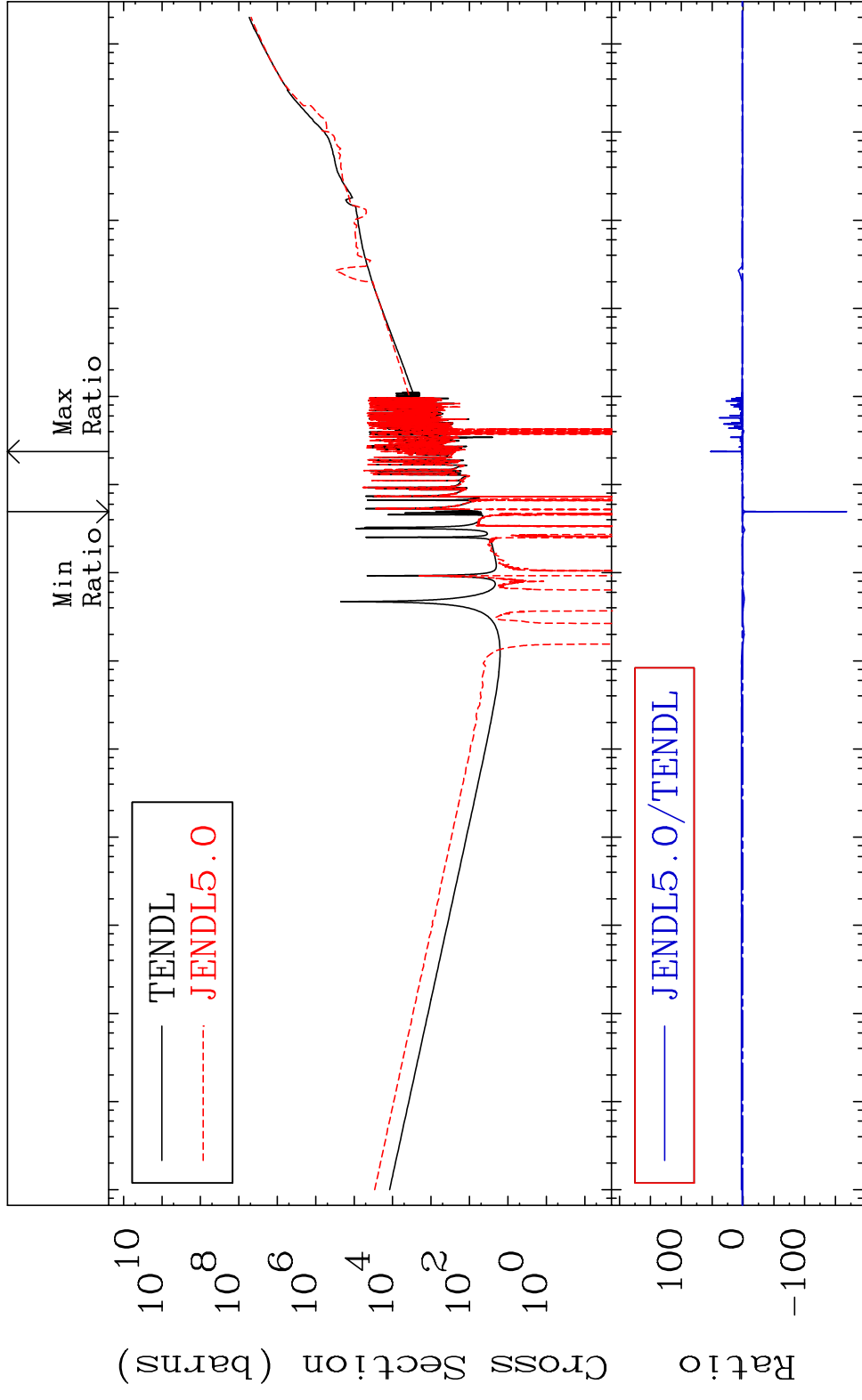


51

Incident Energy (eV)

33-As-75

MAT 3325 Kerma total (eV-barns) 33-As-75  
 Cross Section -9999. To 5127. %

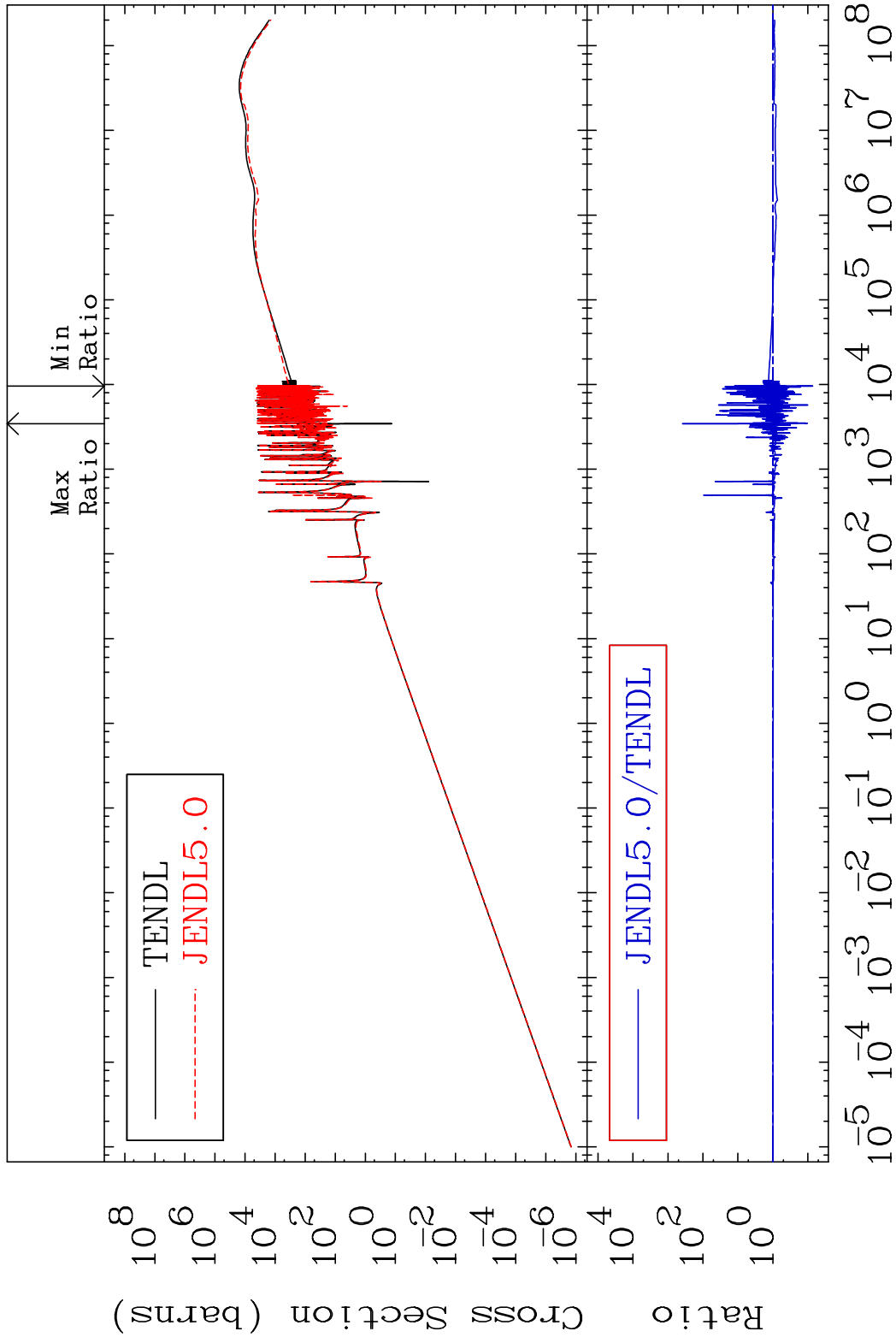


MAT 3325

Kerma elastic  
Cross Section

33-As-75

-92.68 To 9999. %

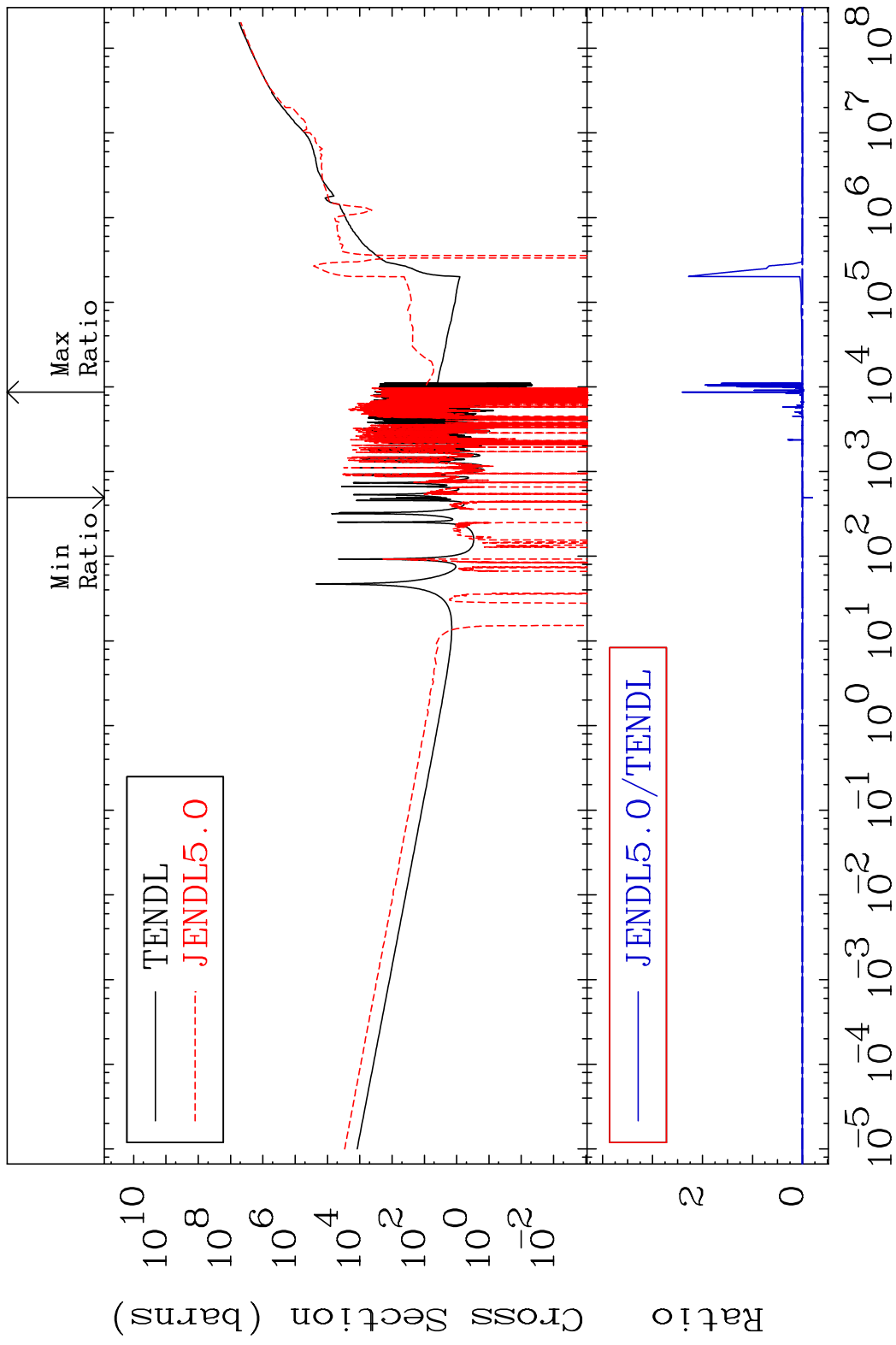


53

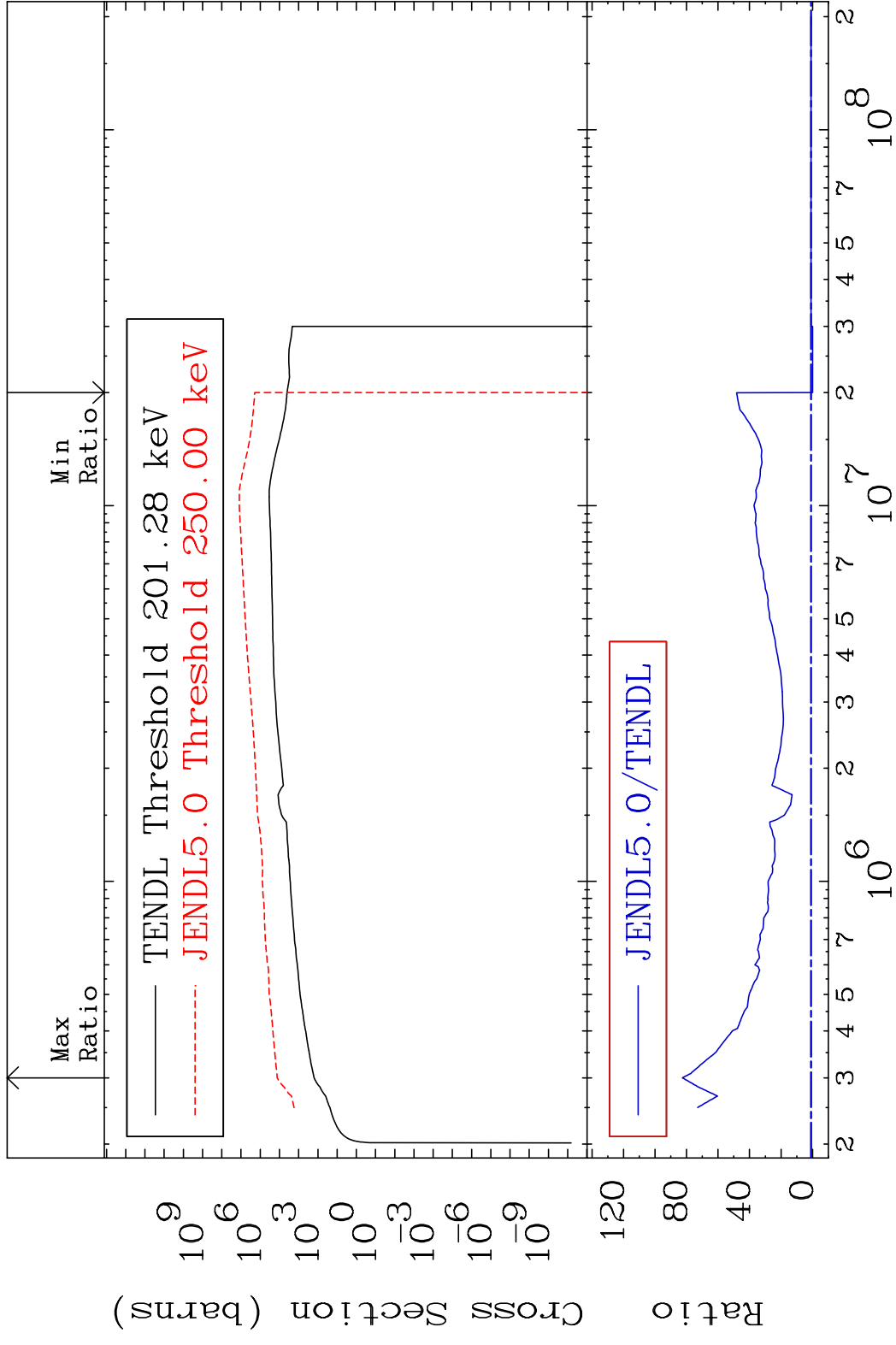
Incident Energy (eV)

33-As-75

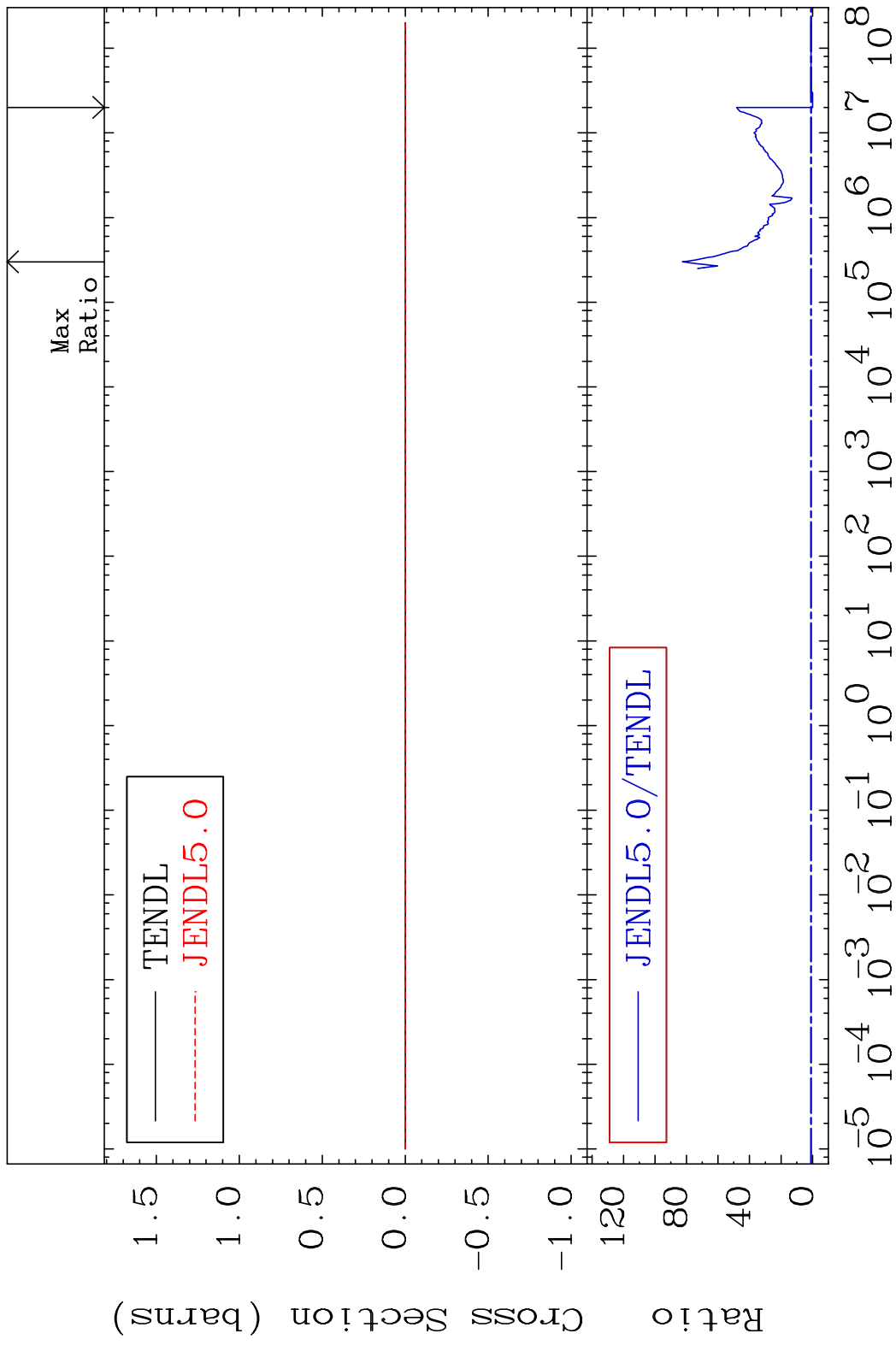
MAT 3325 Kerma non-elastic (all but mt2) 33-As-75  
 Cross Section -9999. To 9999. %



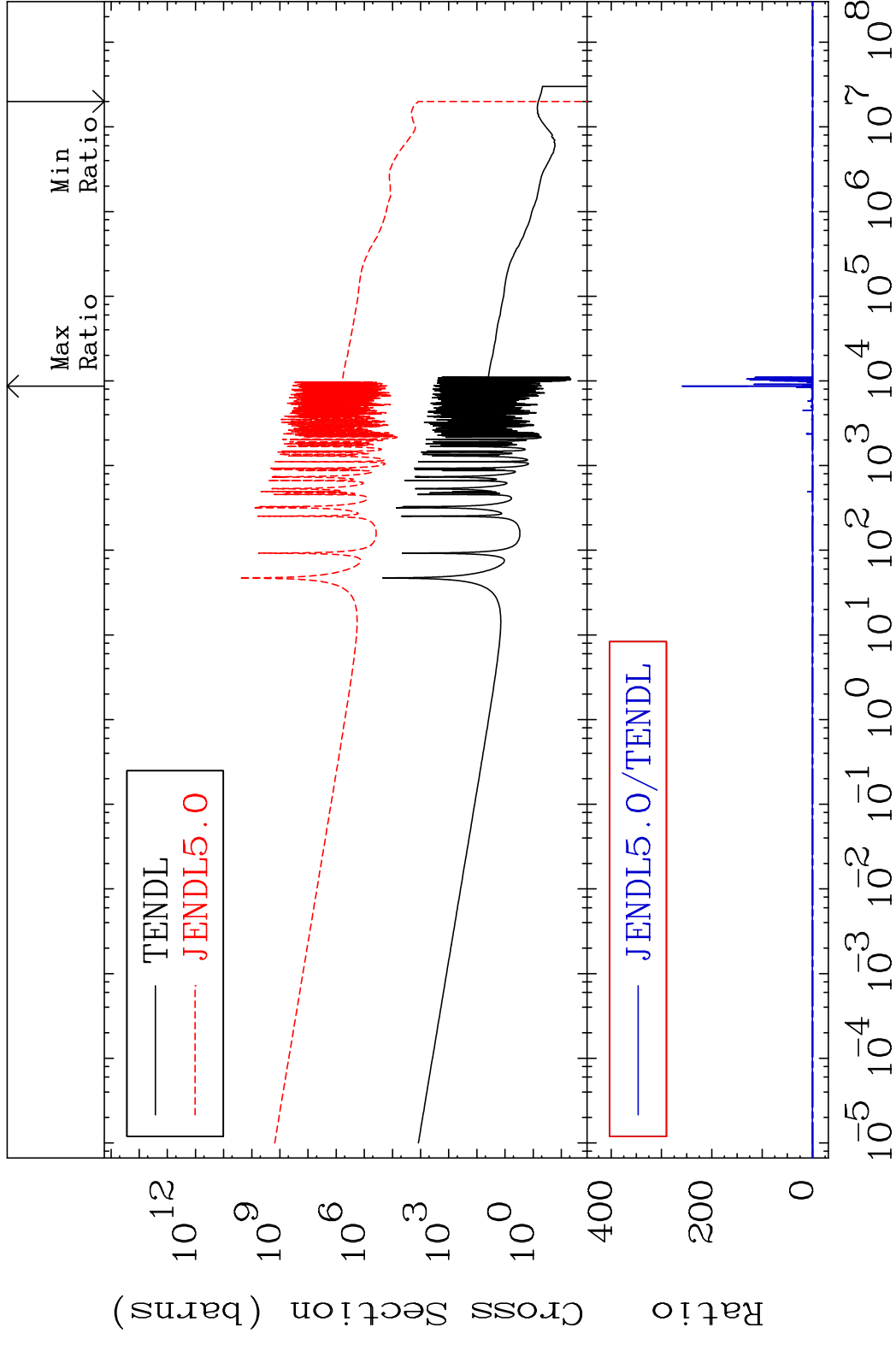
MAT 3325 Kerma inelastic (mt51-91) 33-As-75  
 Cross Section -100.0 To 8164. %



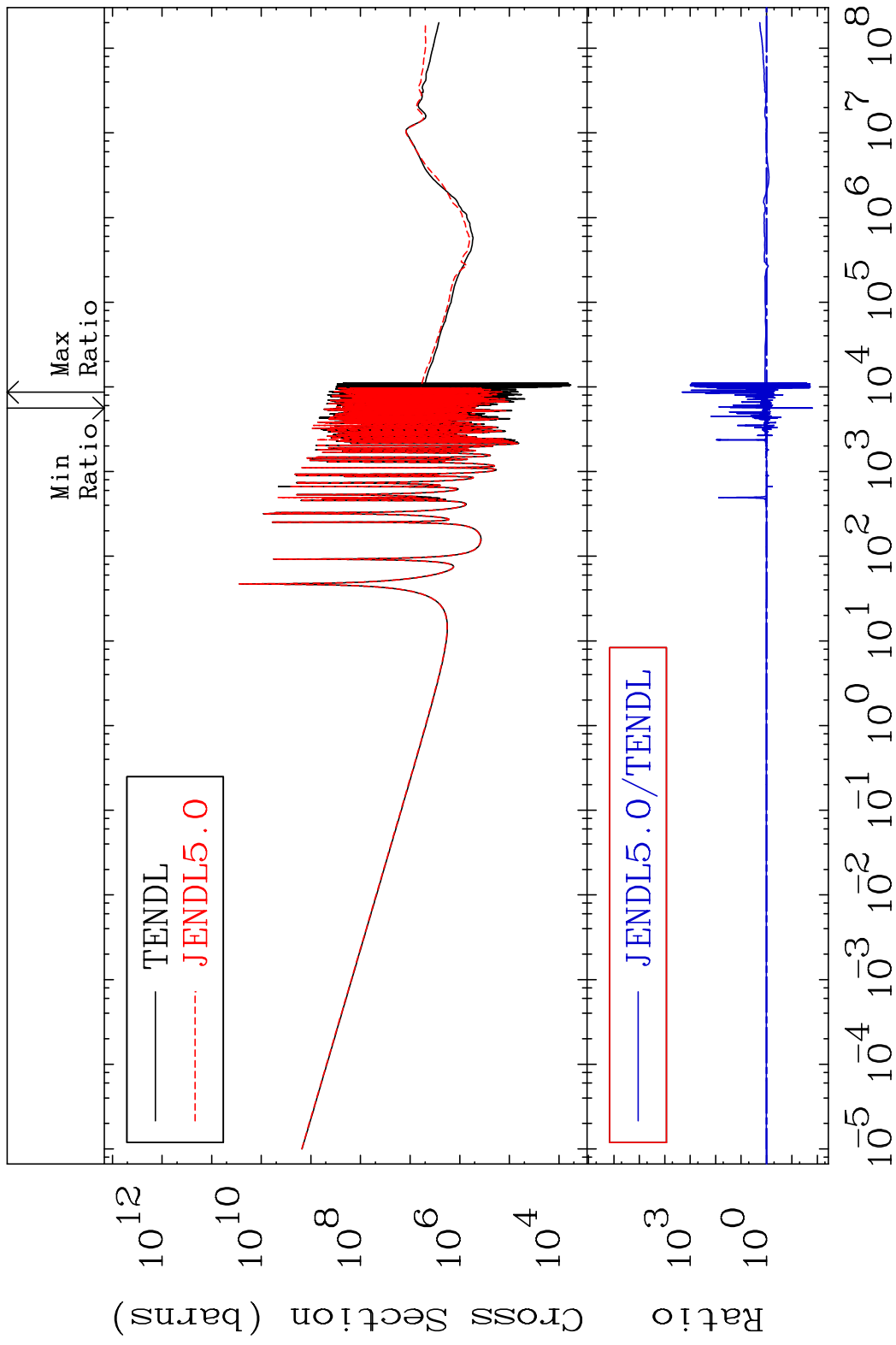
MAT 3325 Kerma fission (mt18 or mt19-20-21-38) 33-As-75  
 Cross Section -100.0 To 8164. %



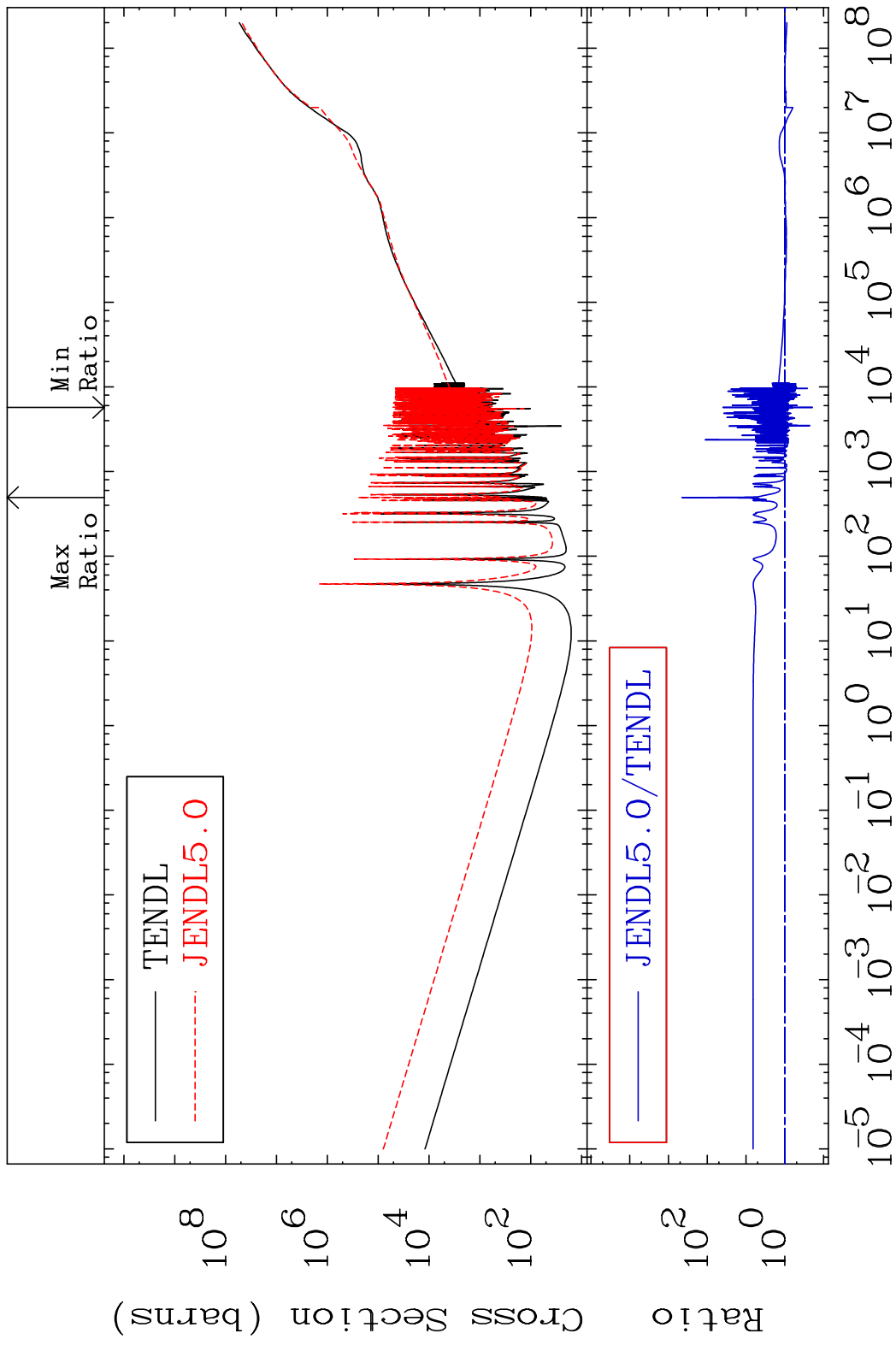
MAT 3325 Kerma capture (mt102) 33-As-75  
 Cross Section -100.0 To 9999. %



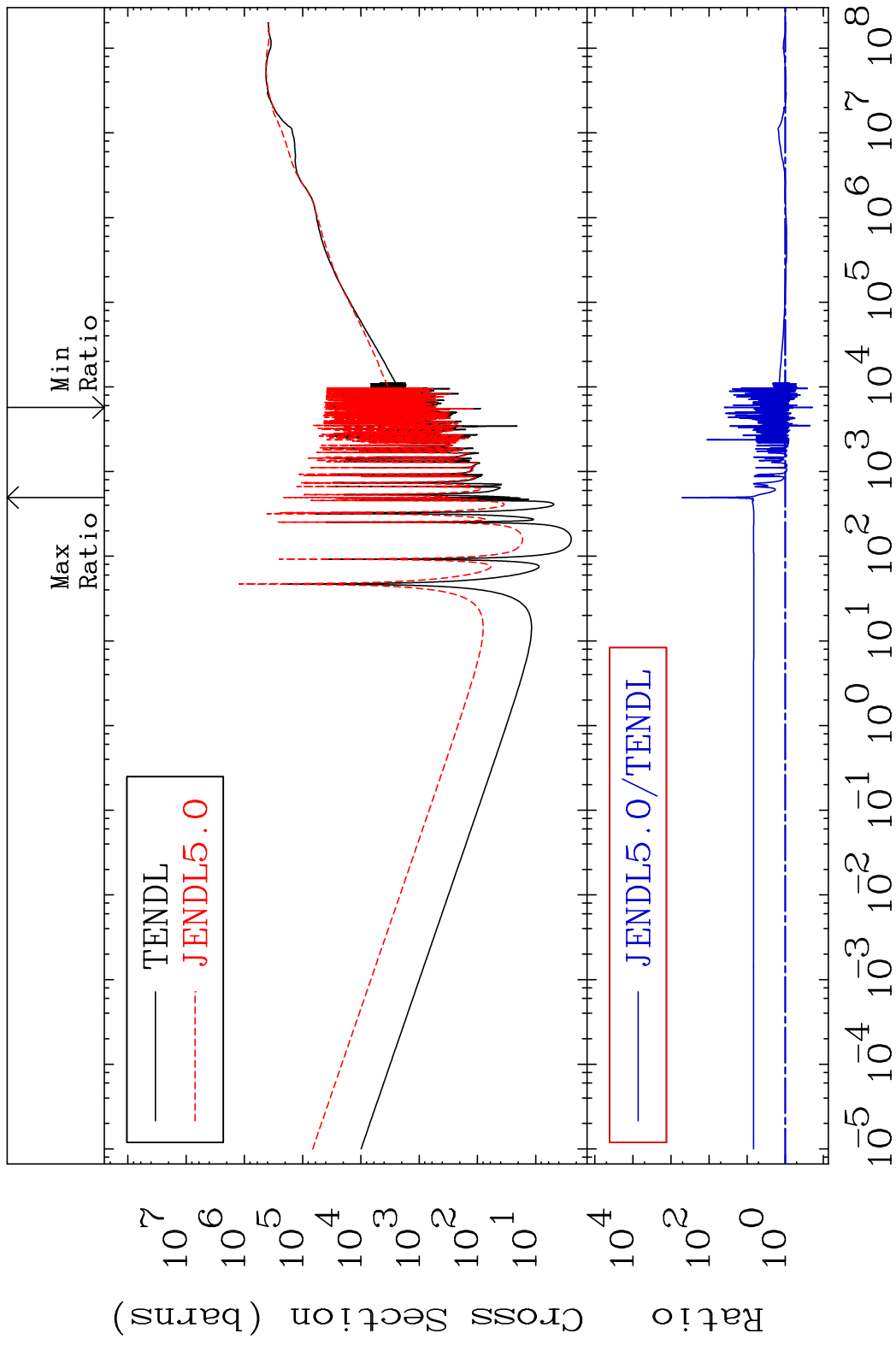
MAT 3325 Total photon (eV-barns) 33-As-75  
Cross Section -98.46 To 9999. %



MAT 3325 Total kinematic kerma (high limit) 33-As-75  
Cross Section -80.67 To 9999. %



MAT 3325      Dpa total (eV-barns)      33-As-75  
Cross Section      -80.77 To 9999. %



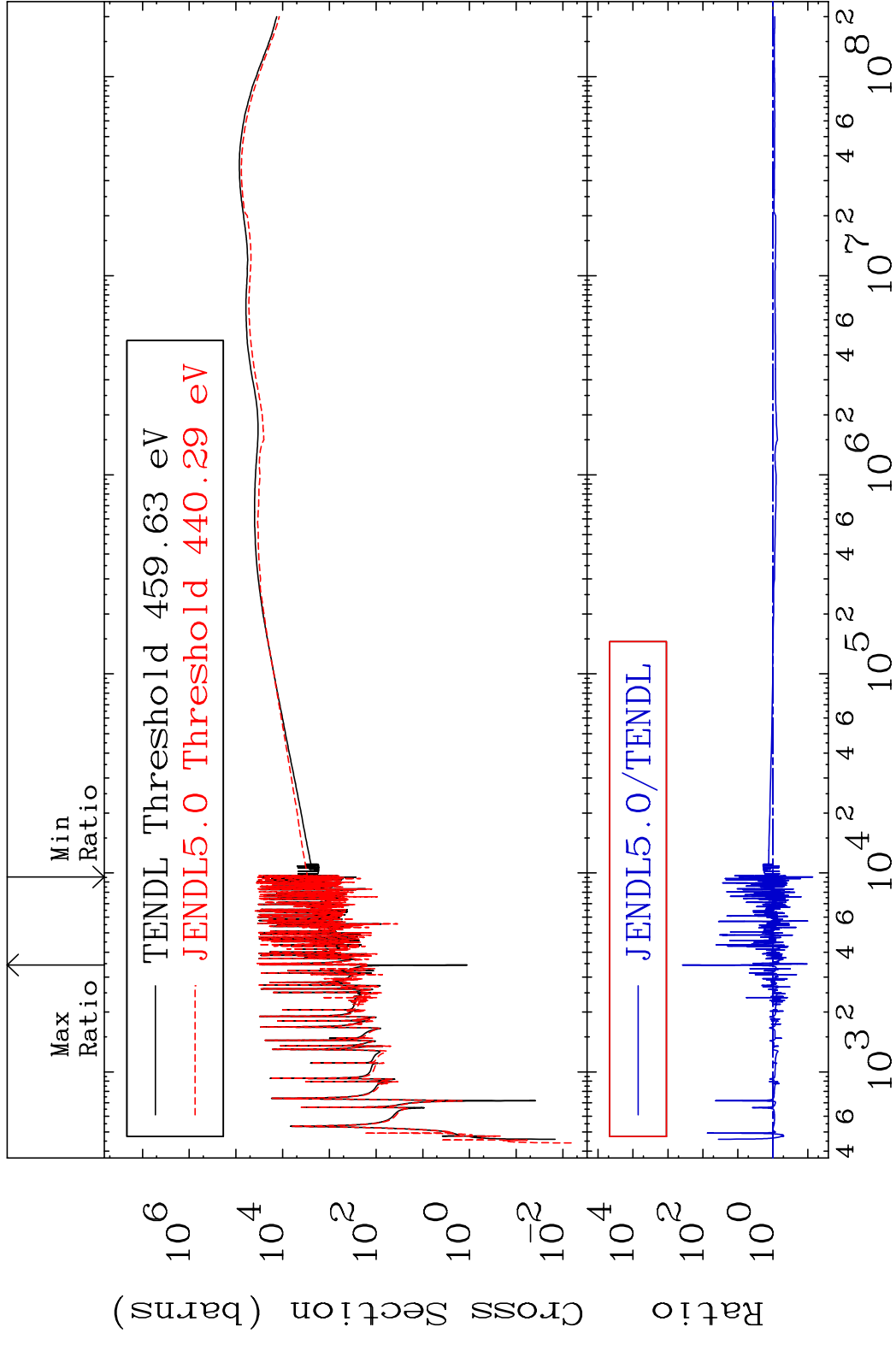
60      Incident Energy (eV)      33-As-75

MAT 3325

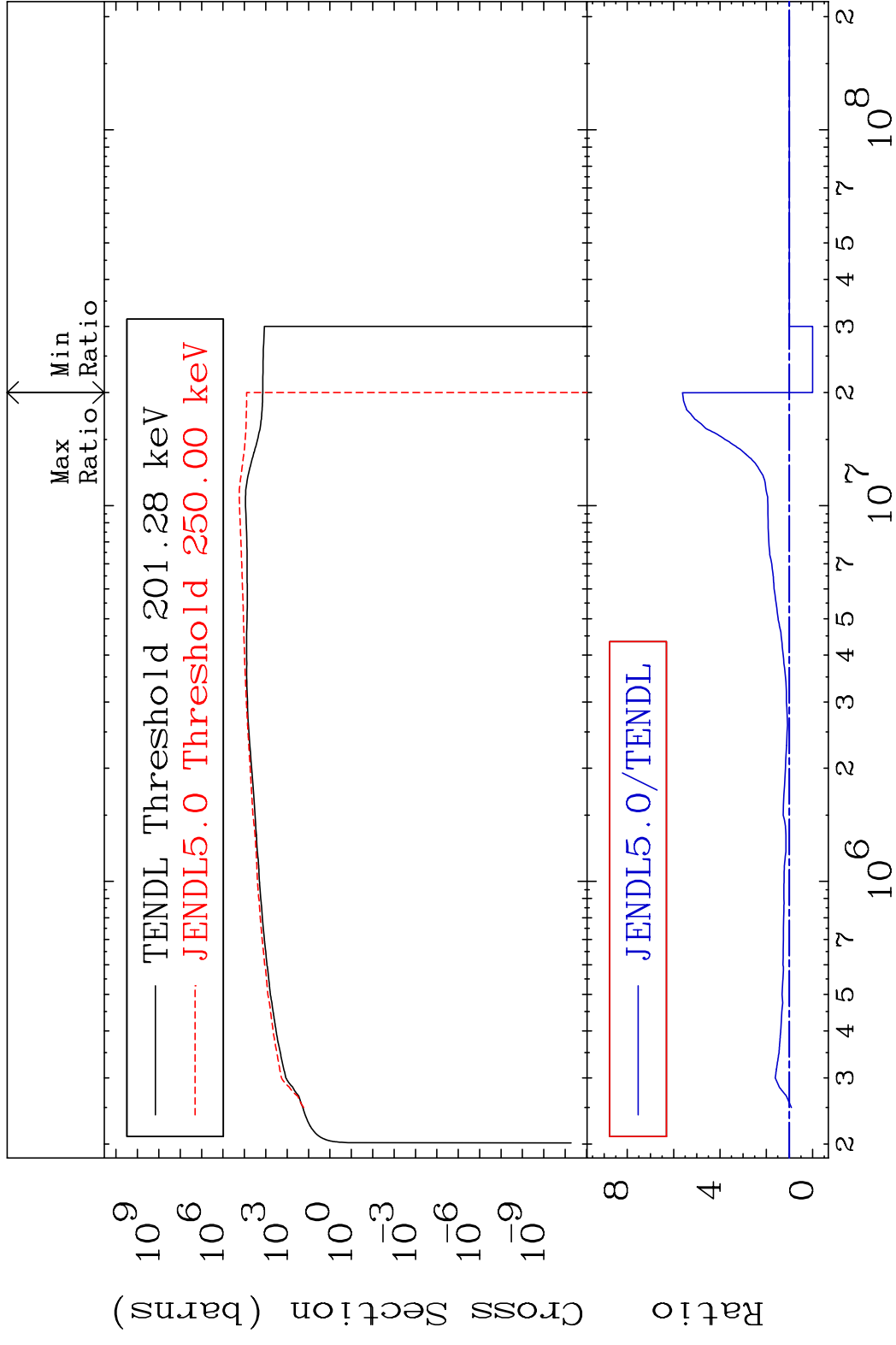
Dpa elastic (mt2)

33-As-75

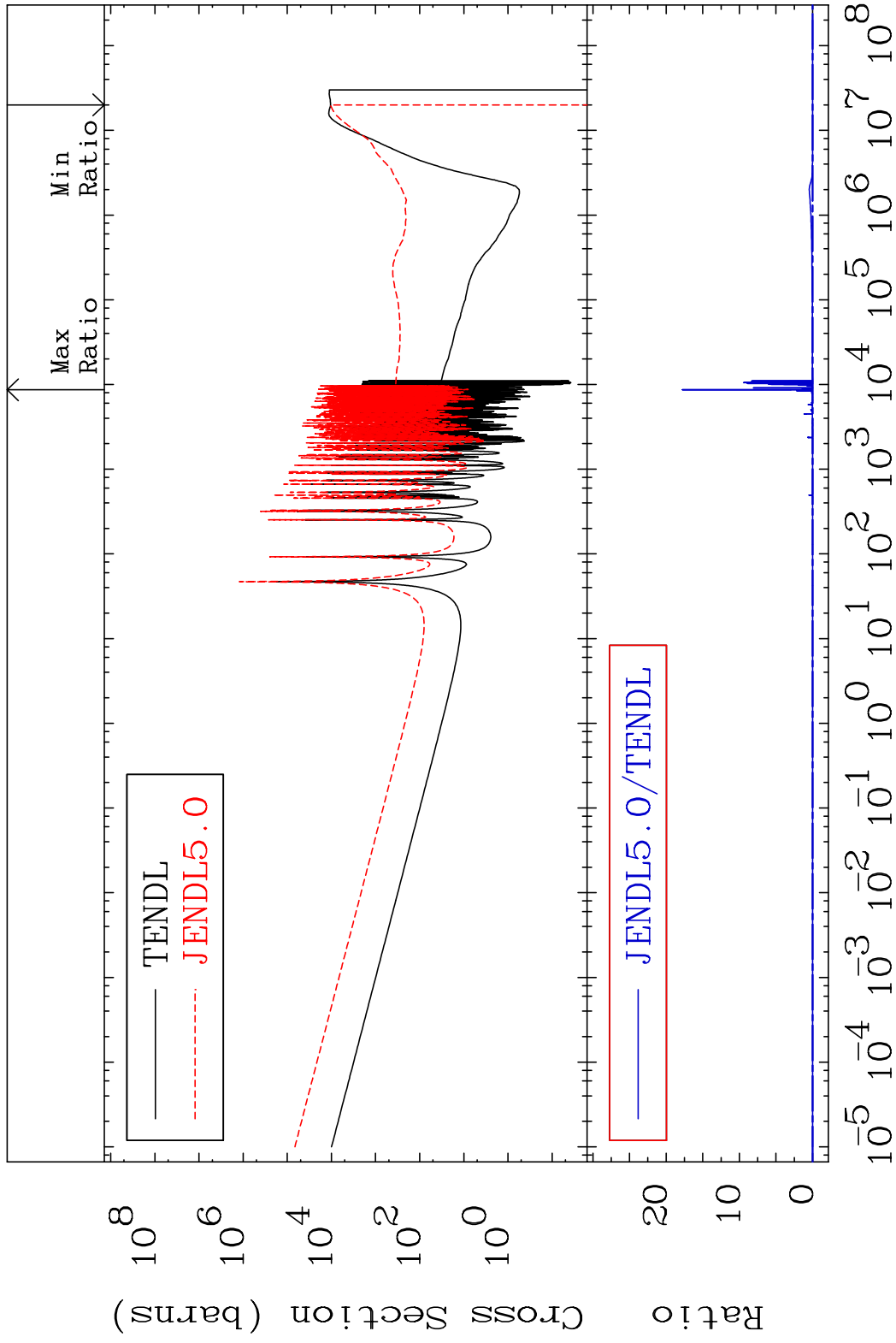
Cross Section -92.68 To 9999. %



MAT 3325 Dpa inelastic (mt51-91) 33-As-75  
 Cross Section -100.0 To 462.3 %



MAT 3325 Dpa disappearance (mt102 -120) 33-As-75  
 Cross Section -100.0 To 9999. %

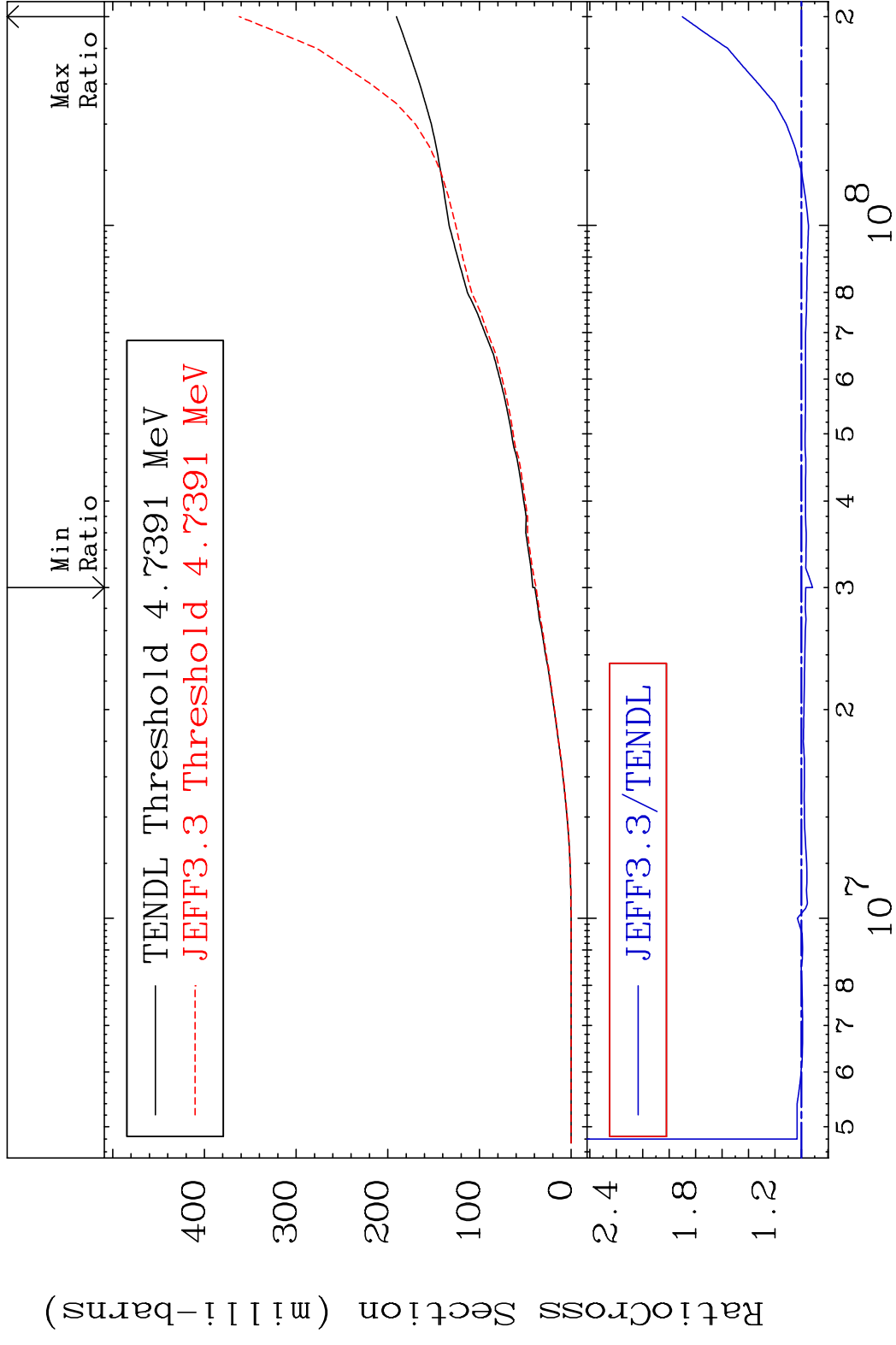


MAT 3325

Deuterium Production

33-As-75

Cross Section -8.421 To 90.02 %



64

Incident Energy (eV)

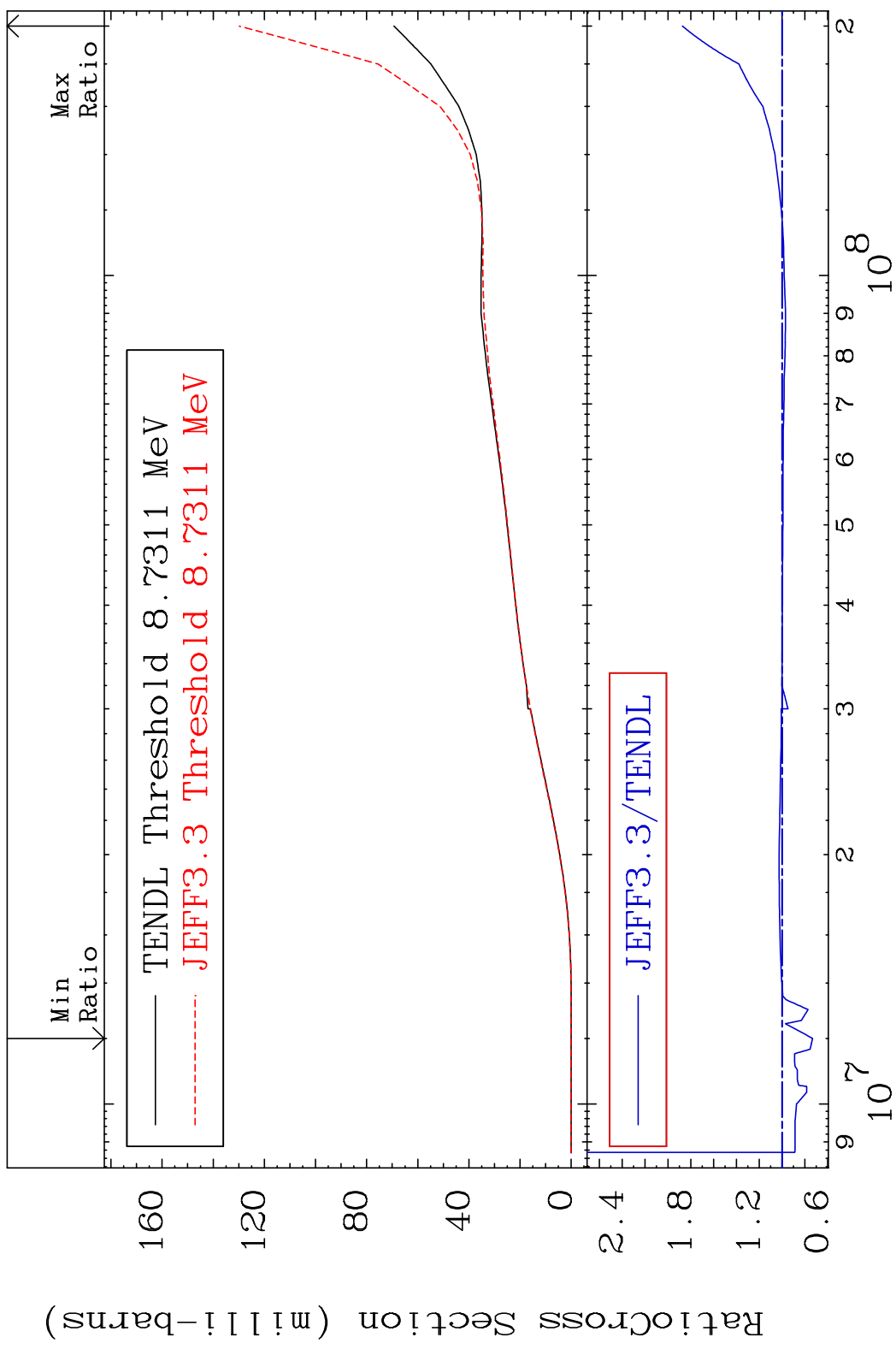
33-As-75

MAT 3325

Tritium Production

33-As-75

Cross Section -26.82 To 87.34 %



65

Incident Energy (eV)

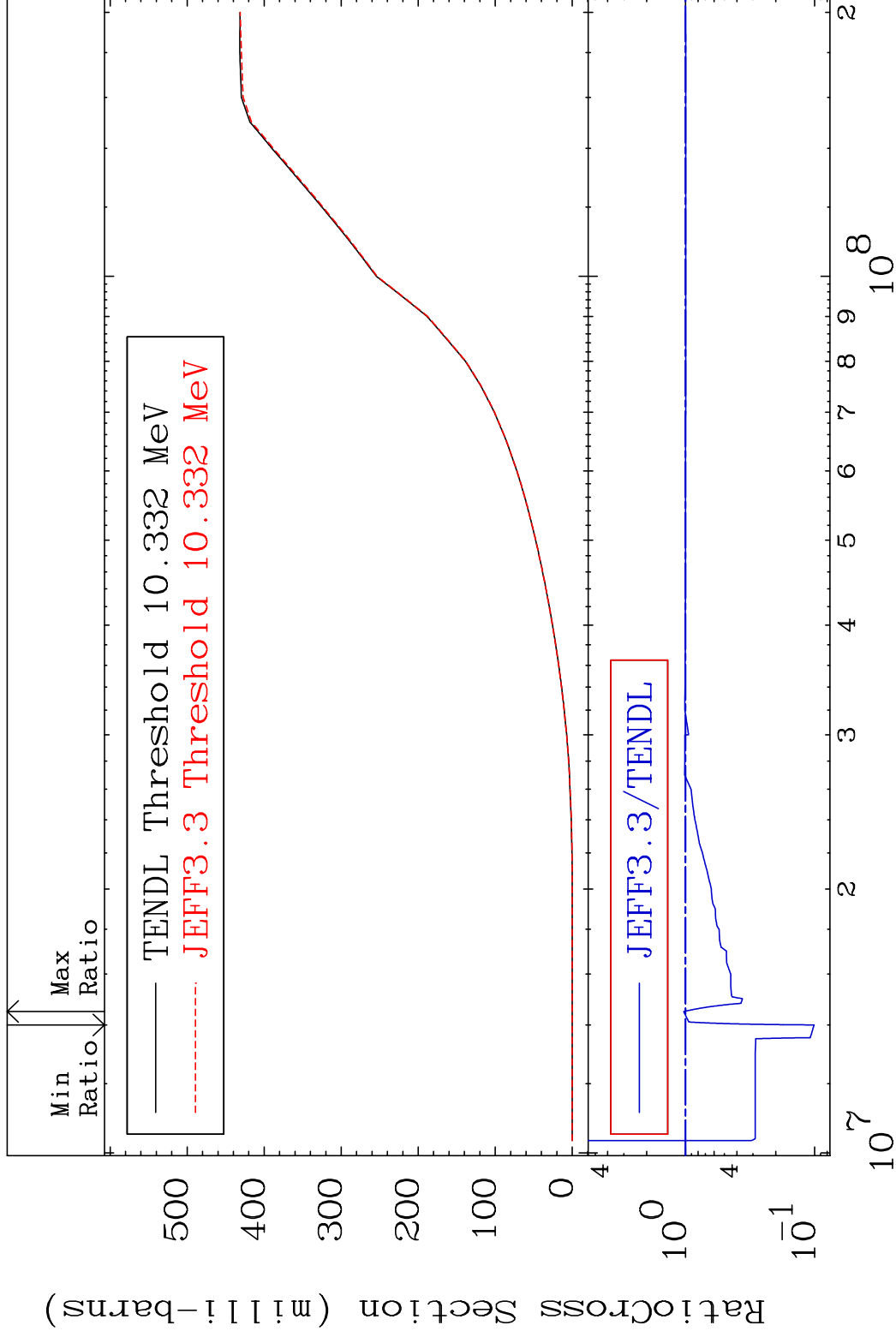
33-As-75

MAT 3325

He-3 Production

33-As-75

Cross Section -89.91 To 3.290 %



66

Incident Energy (eV)

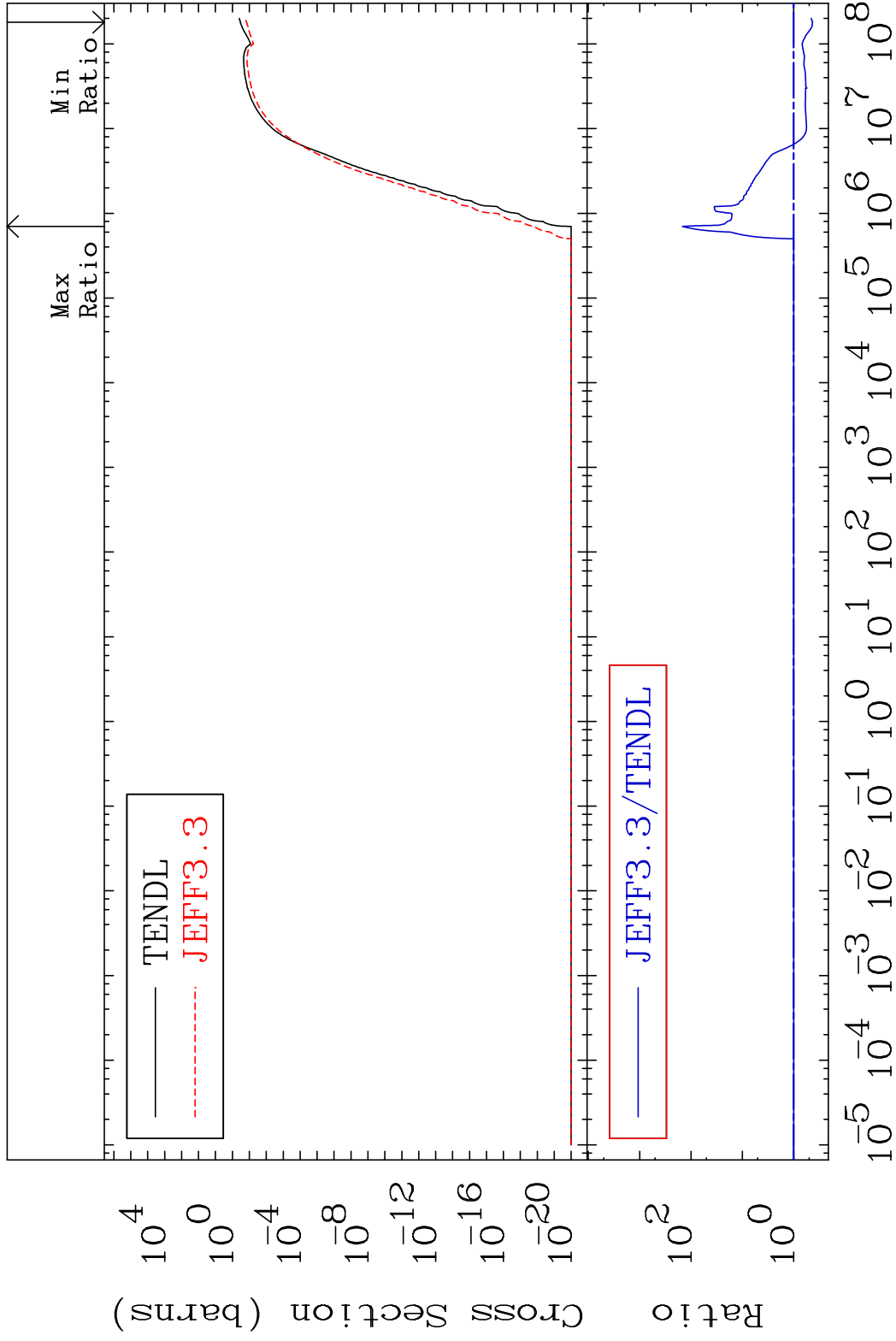
33-As-75

MAT 3325

He-4 Production

33-As-75

Cross Section -57.21 To 9999. %

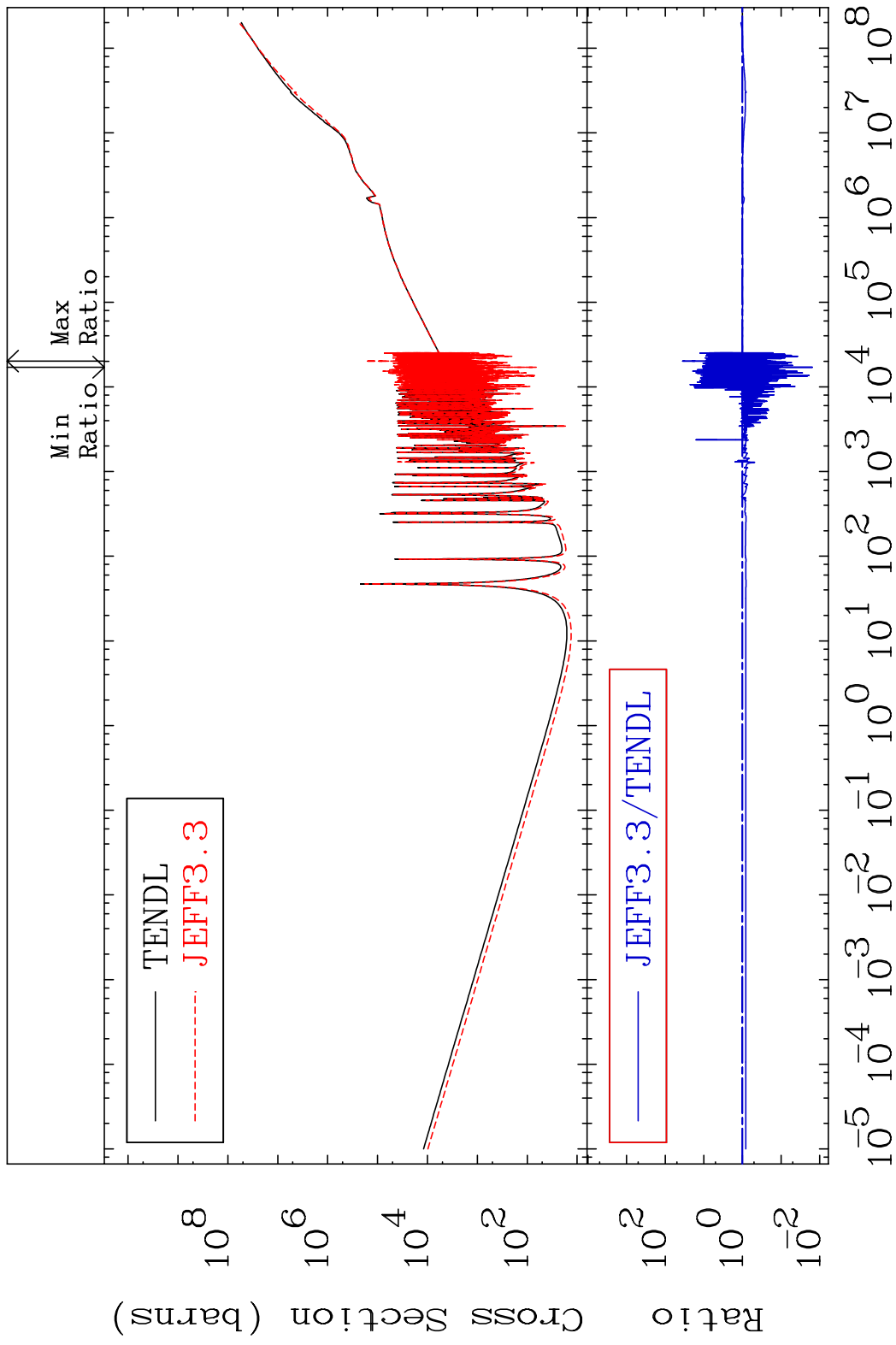


67

Incident Energy (eV)

33-As-75

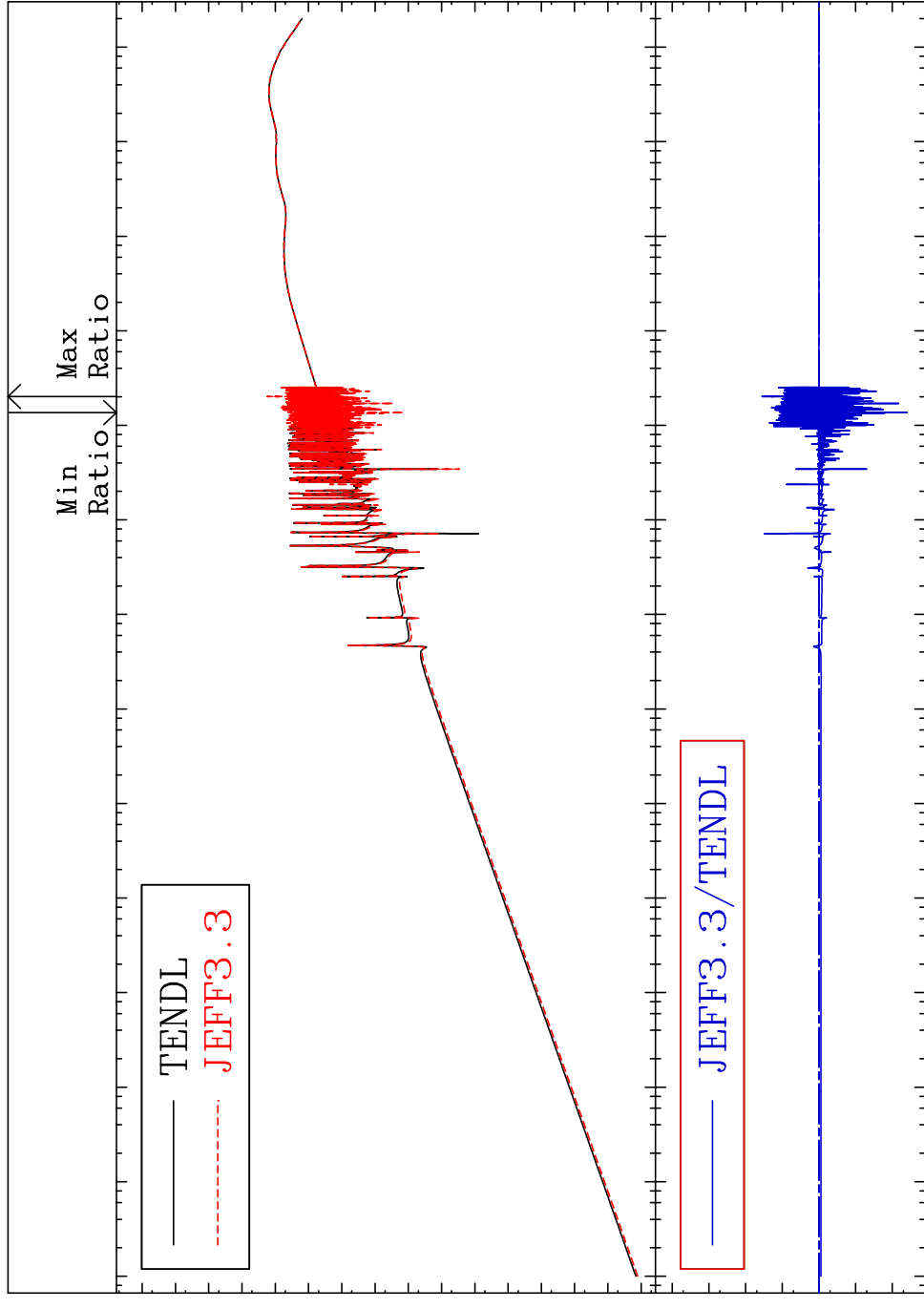
MAT 3325 Kerma total (eV-barns) 33-As-75  
 Cross Section -98.47 To 3497. %



MAT 3325

Kerma elastic  
Cross Section

33-As-75  
-99.61 To 3512. %



Cross Section (barns)  
Ratio

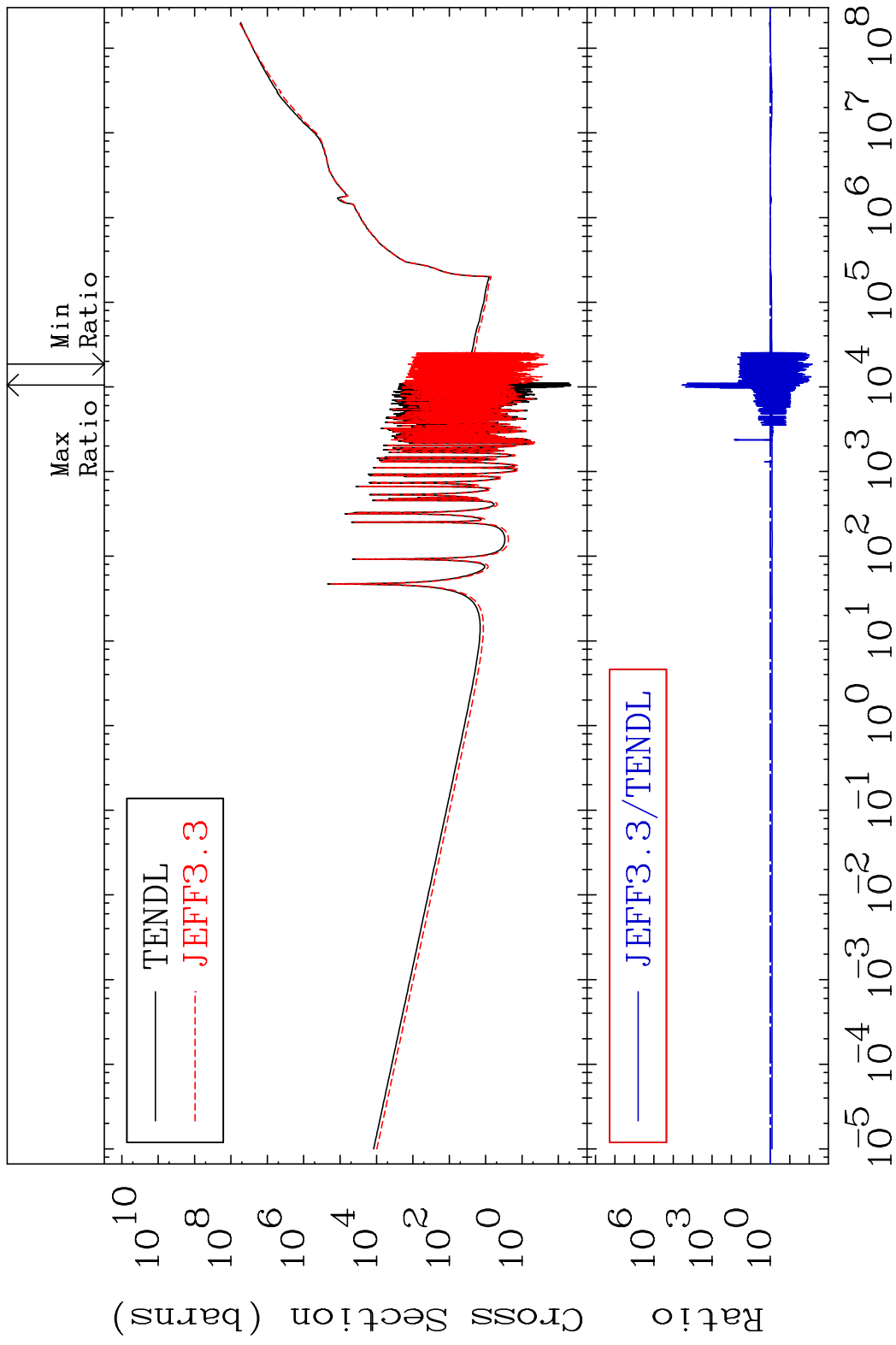
10<sup>8</sup> 10<sup>6</sup> 10<sup>4</sup> 10<sup>2</sup> 10<sup>0</sup> 10<sup>-2</sup> 10<sup>-4</sup> 10<sup>-6</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6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

69

Incident Energy (eV)

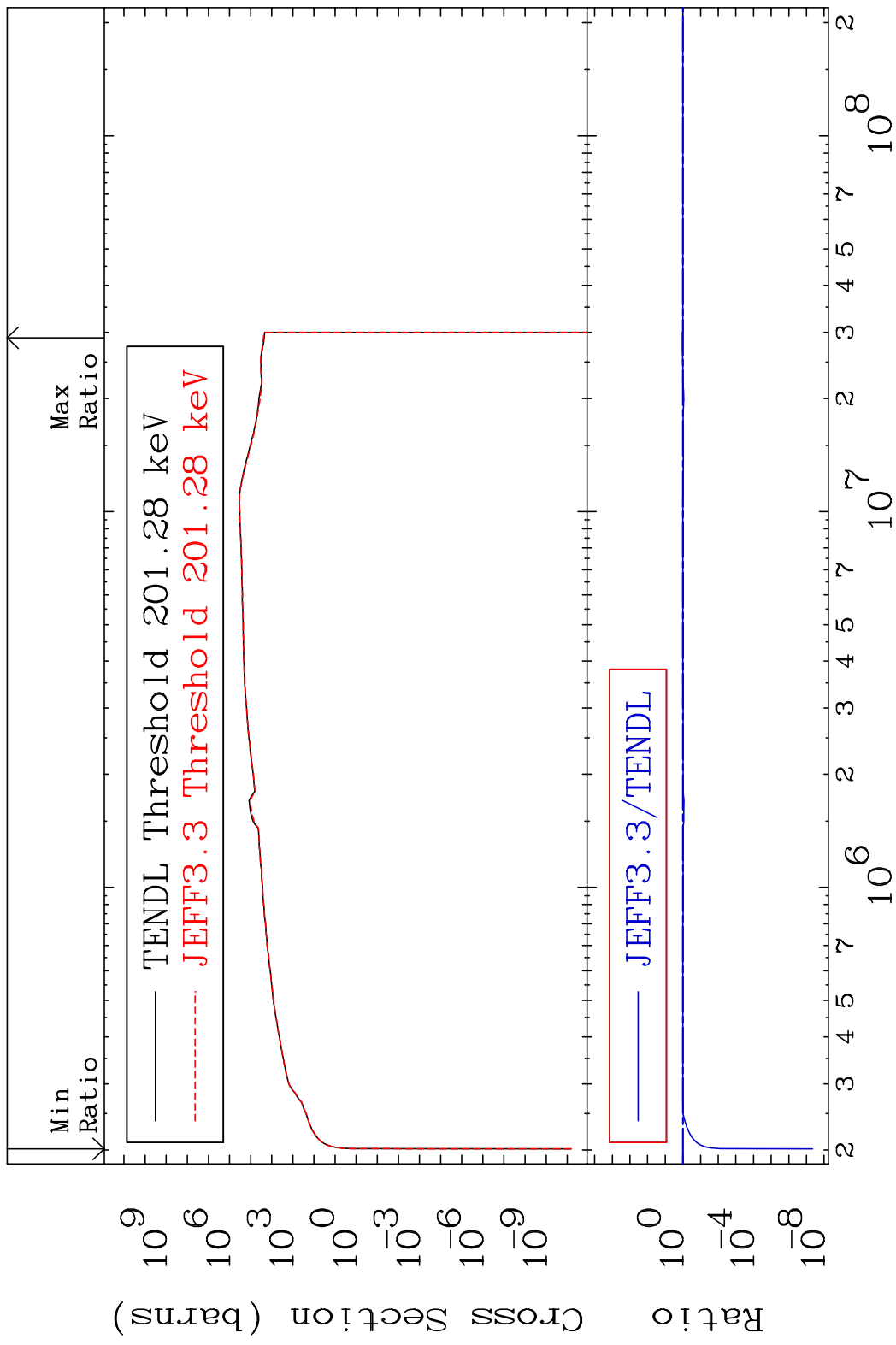
33-As-75

MAT 3325 Kerma non-elastic (all but mt2) 33-As-75  
 Cross Section -99.34 To 9999. %

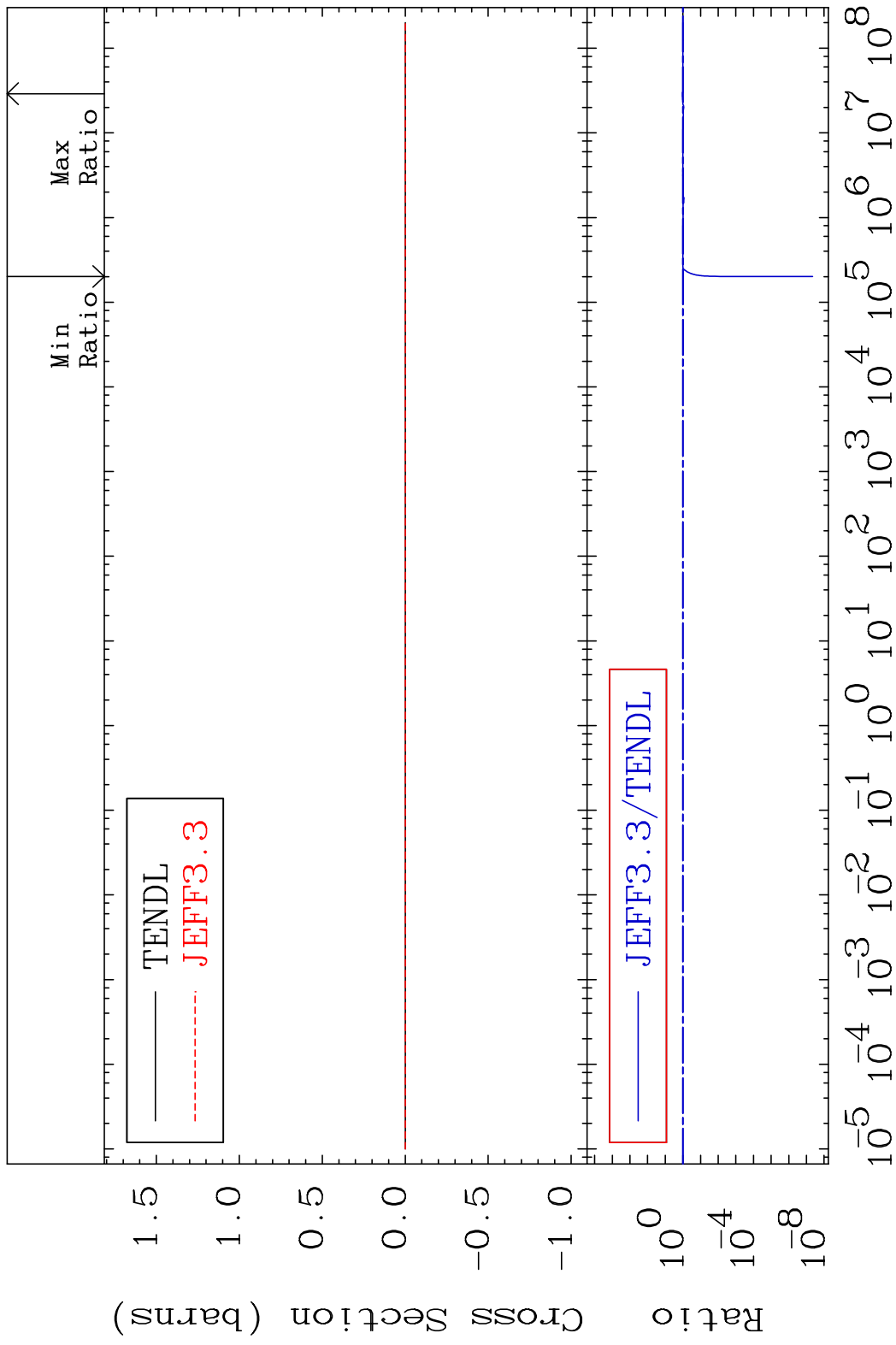


70 Incident Energy (eV) 33-As-75

MAT 3325 Kerma inelastic (mt51-91) 33-As-75  
 Cross Section -100.0 To 7.132 %

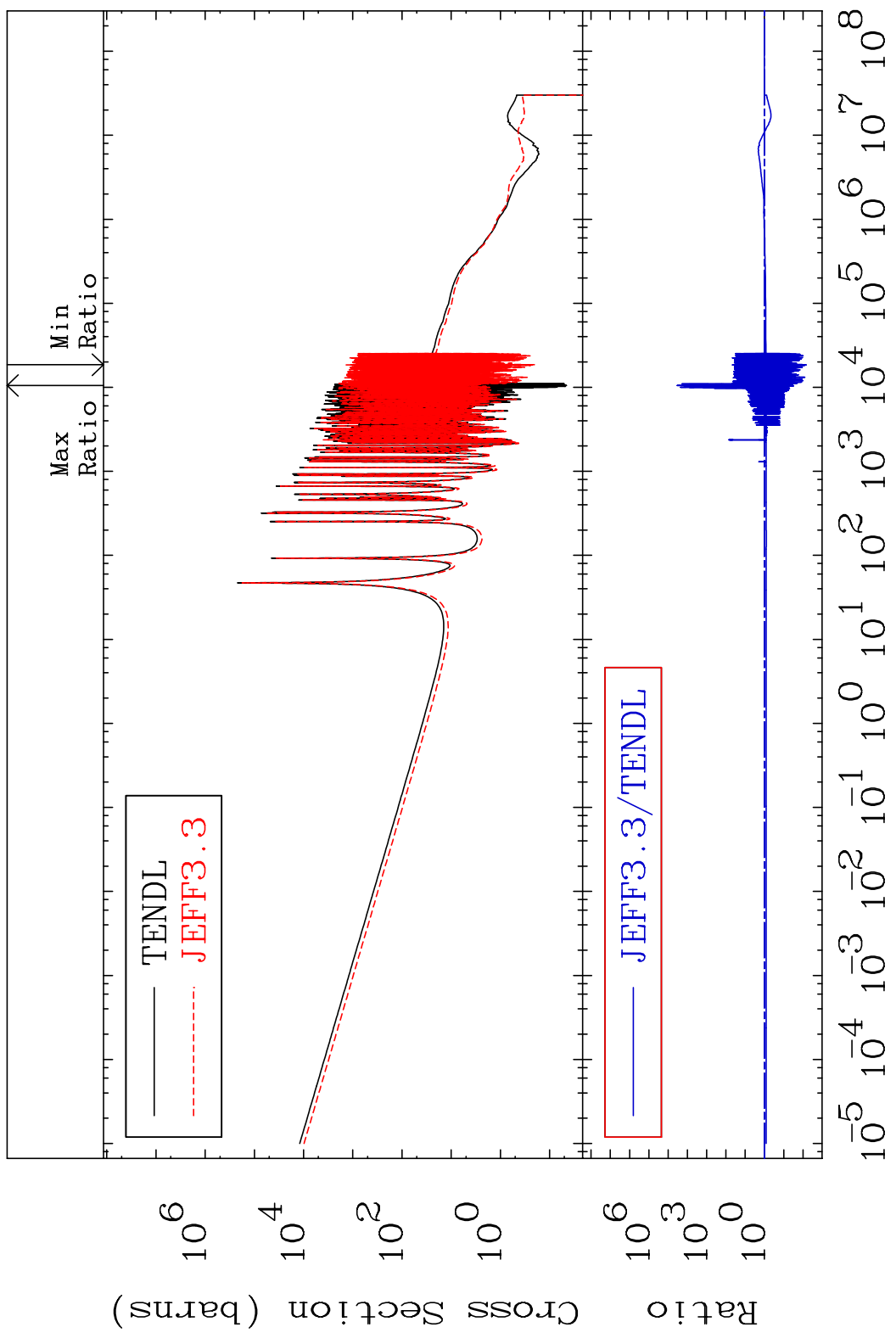


MAT 3325 Kerma fission (mt18 or mt19-20-21-38) 33-As-75  
 Cross Section -100.0 To 7.132 %



MAT 3325

Kerma capture (mt102) 33-As-75  
Cross Section -99.34 To 9999. %



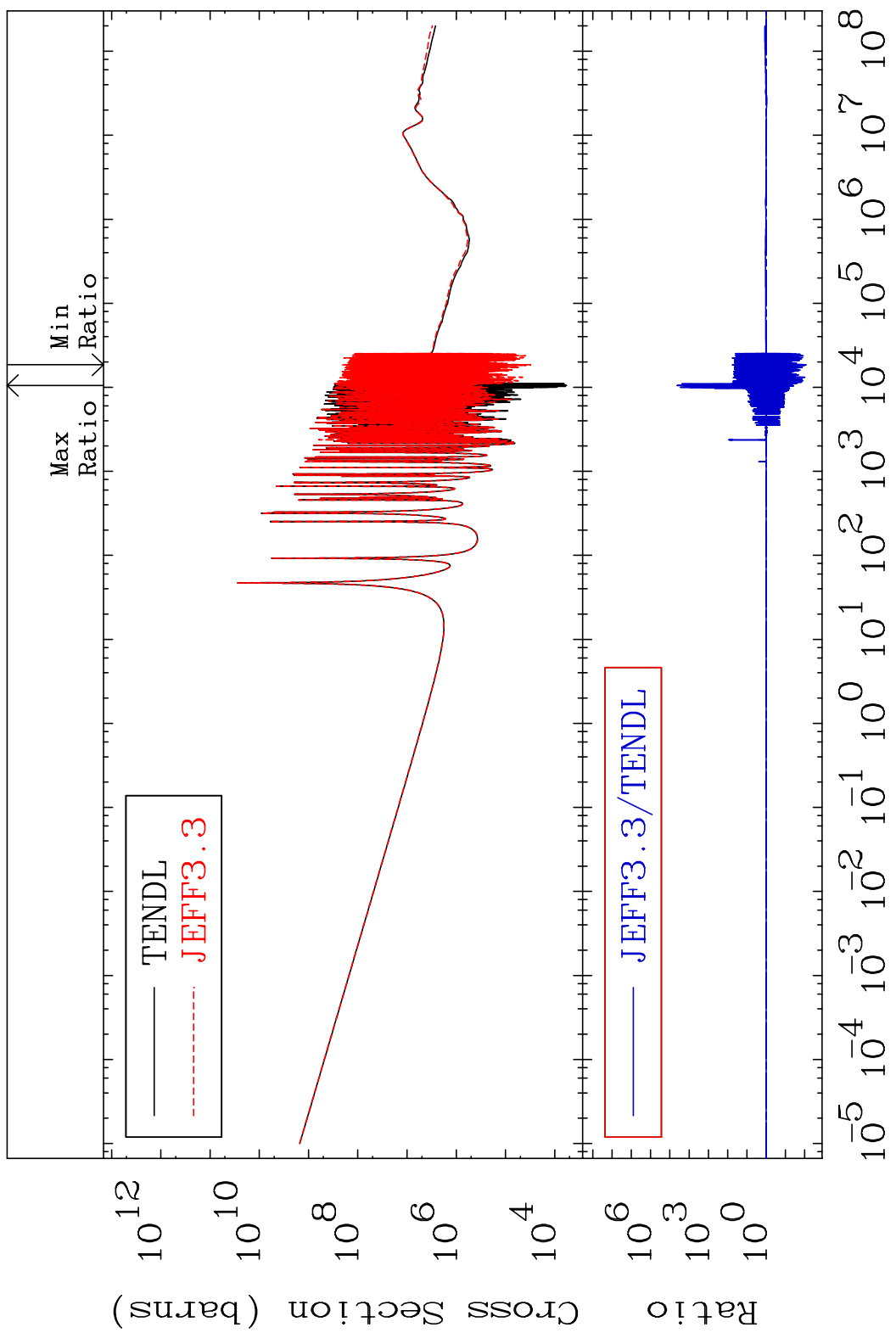
73

Incident Energy (eV)

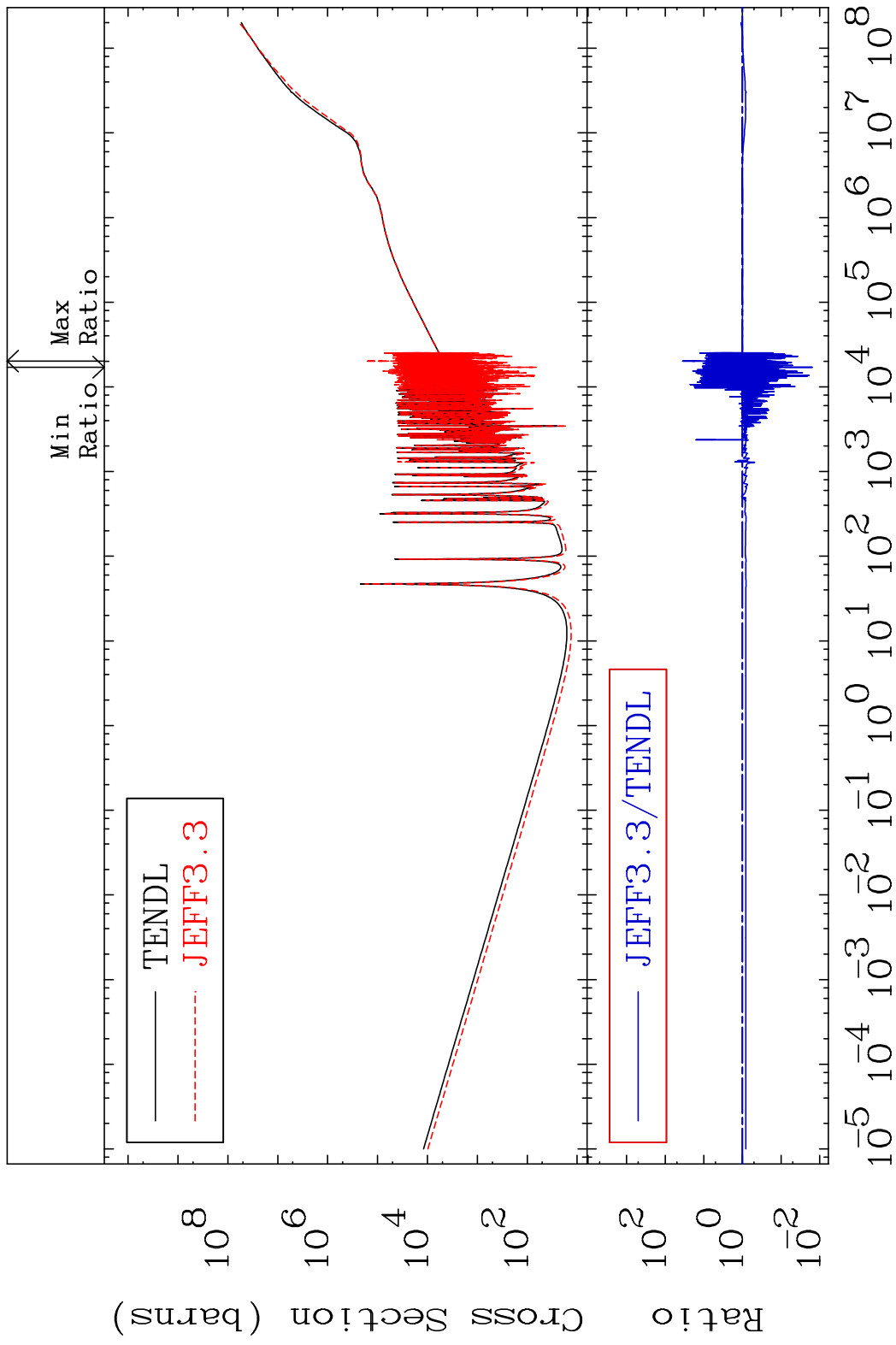
33-As-75

MAT 3325

Total photon (eV-barns) 33-As-75  
Cross Section -99.18 To 9999. %



MAT 3325 Total kinematic kerma (high limit) 33-As-75  
Cross Section -98.47 To 3497. %

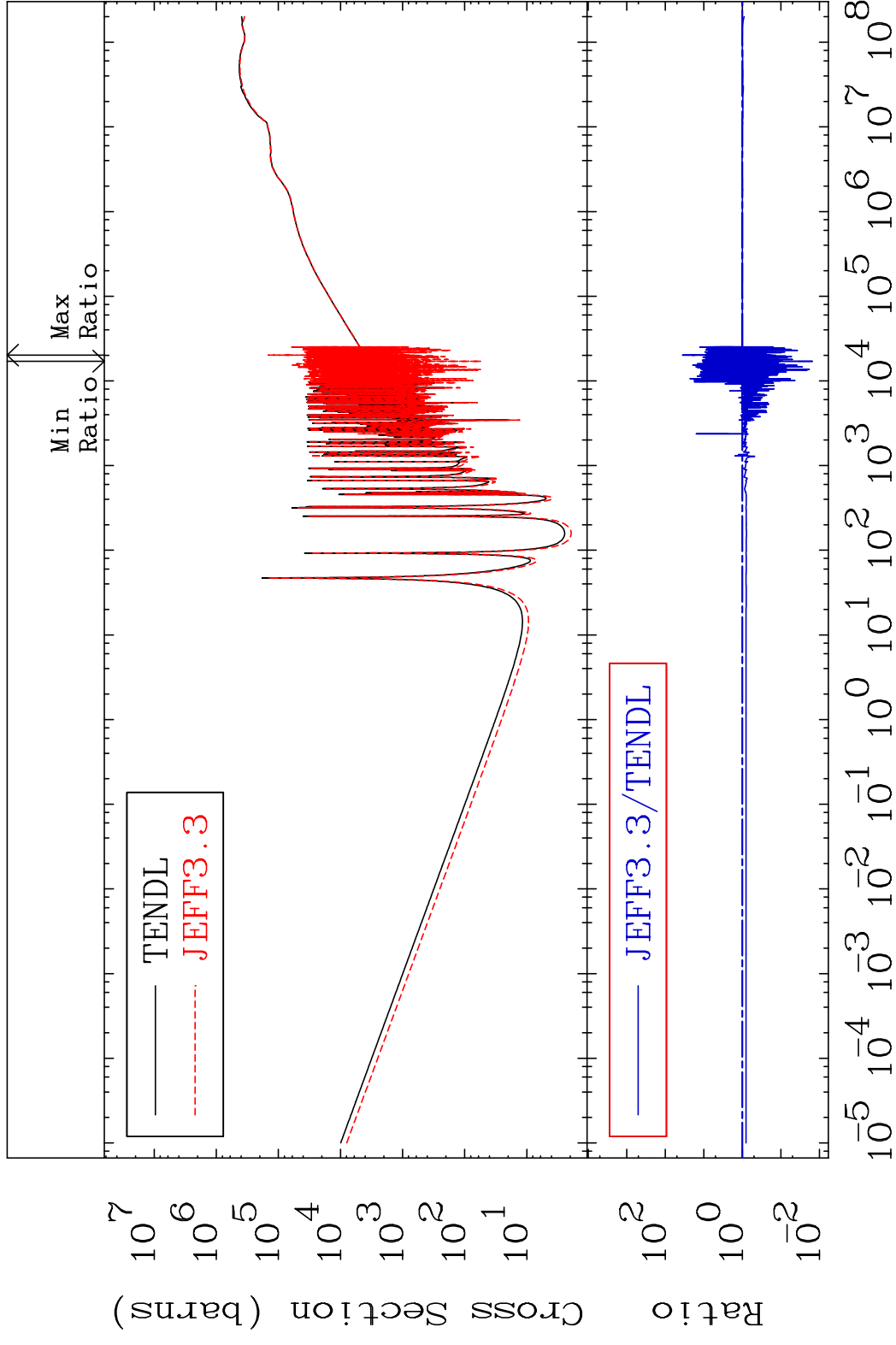


75

Incident Energy (eV)

33-As-75

MAT 3325      Dpa total (eV-barns)      33-As-75  
 Cross Section      -98.50 To 3497. %

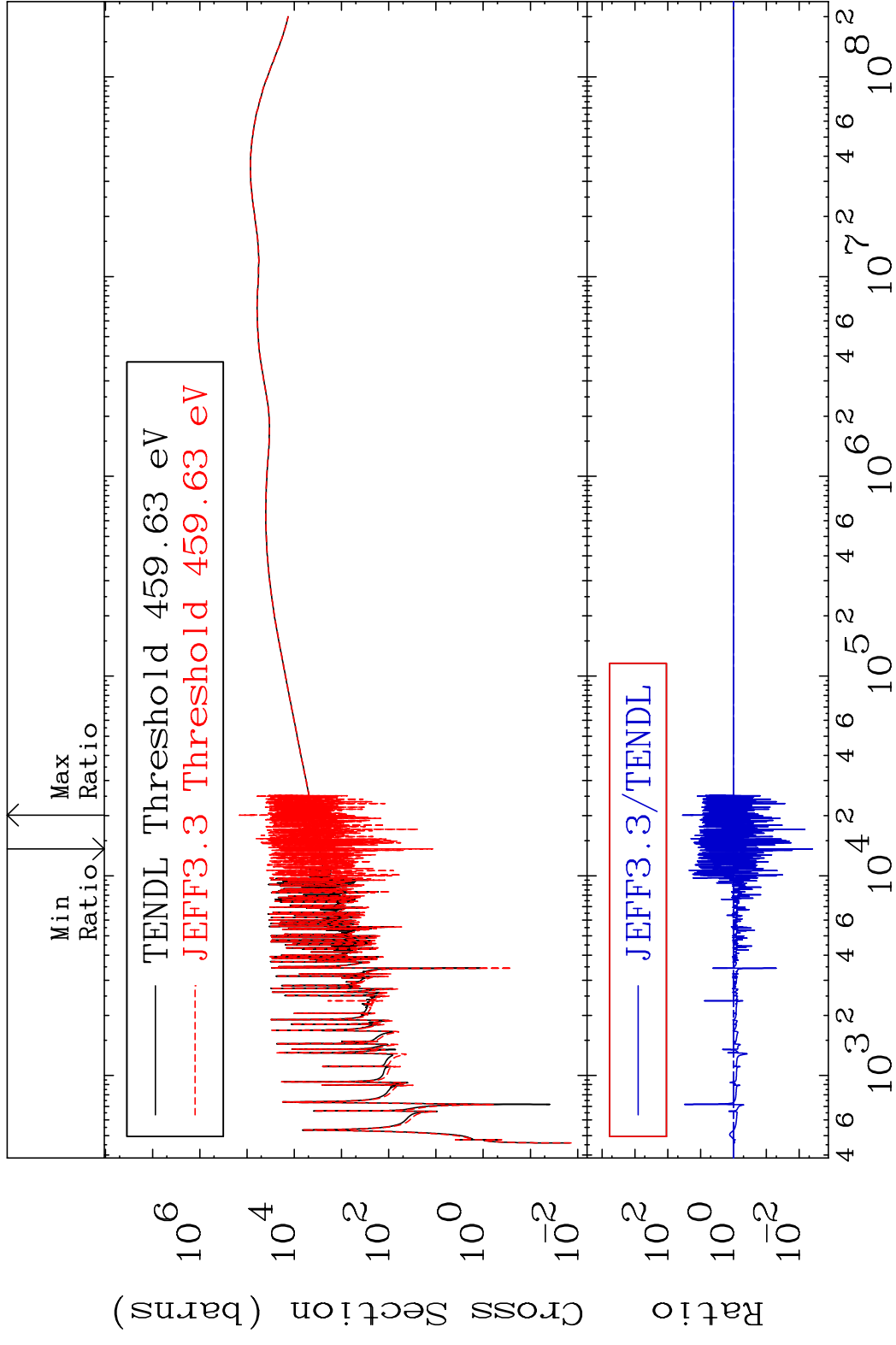


MAT 3325

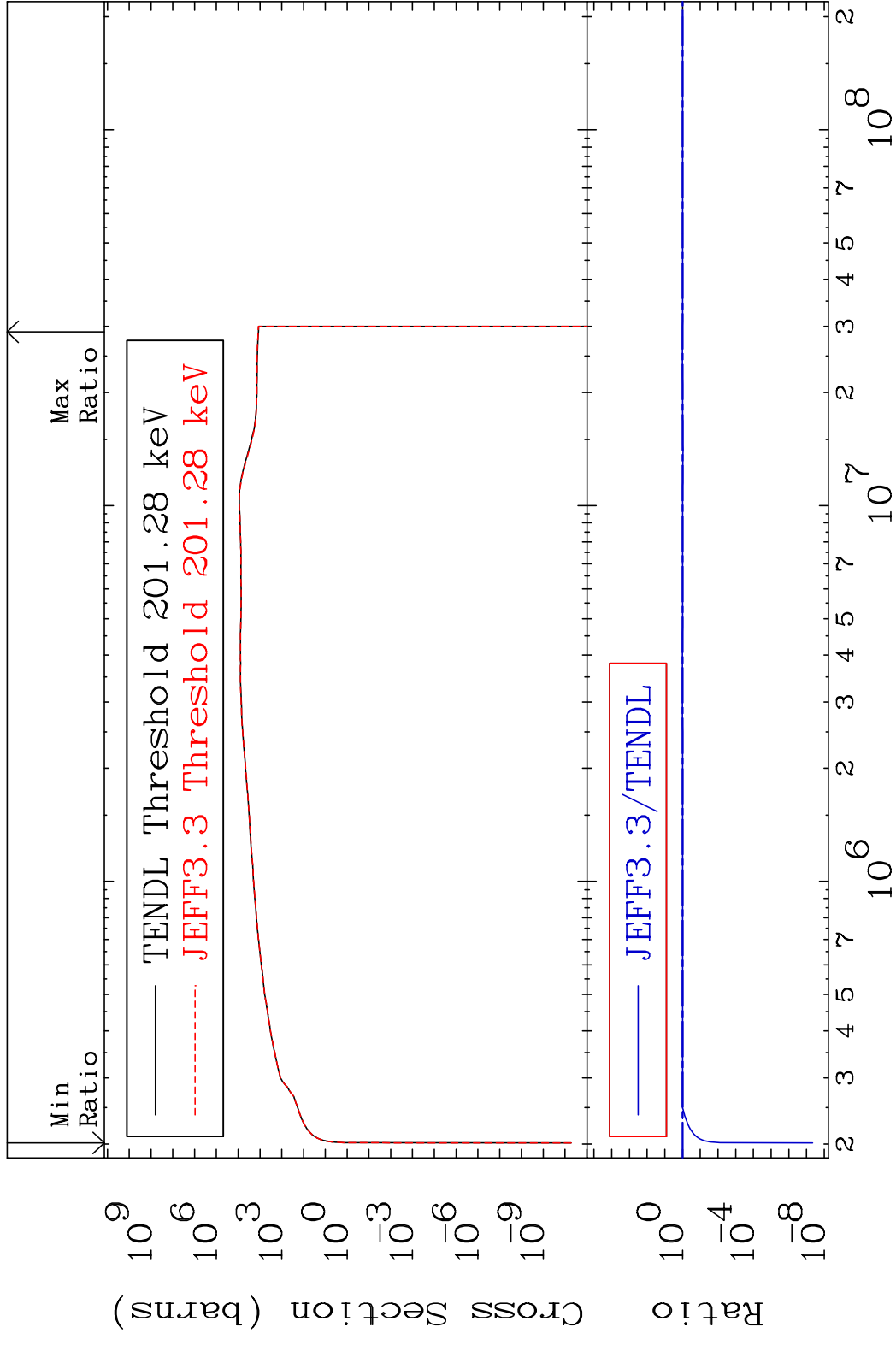
Dpa elastic (mt2)

33-As-75

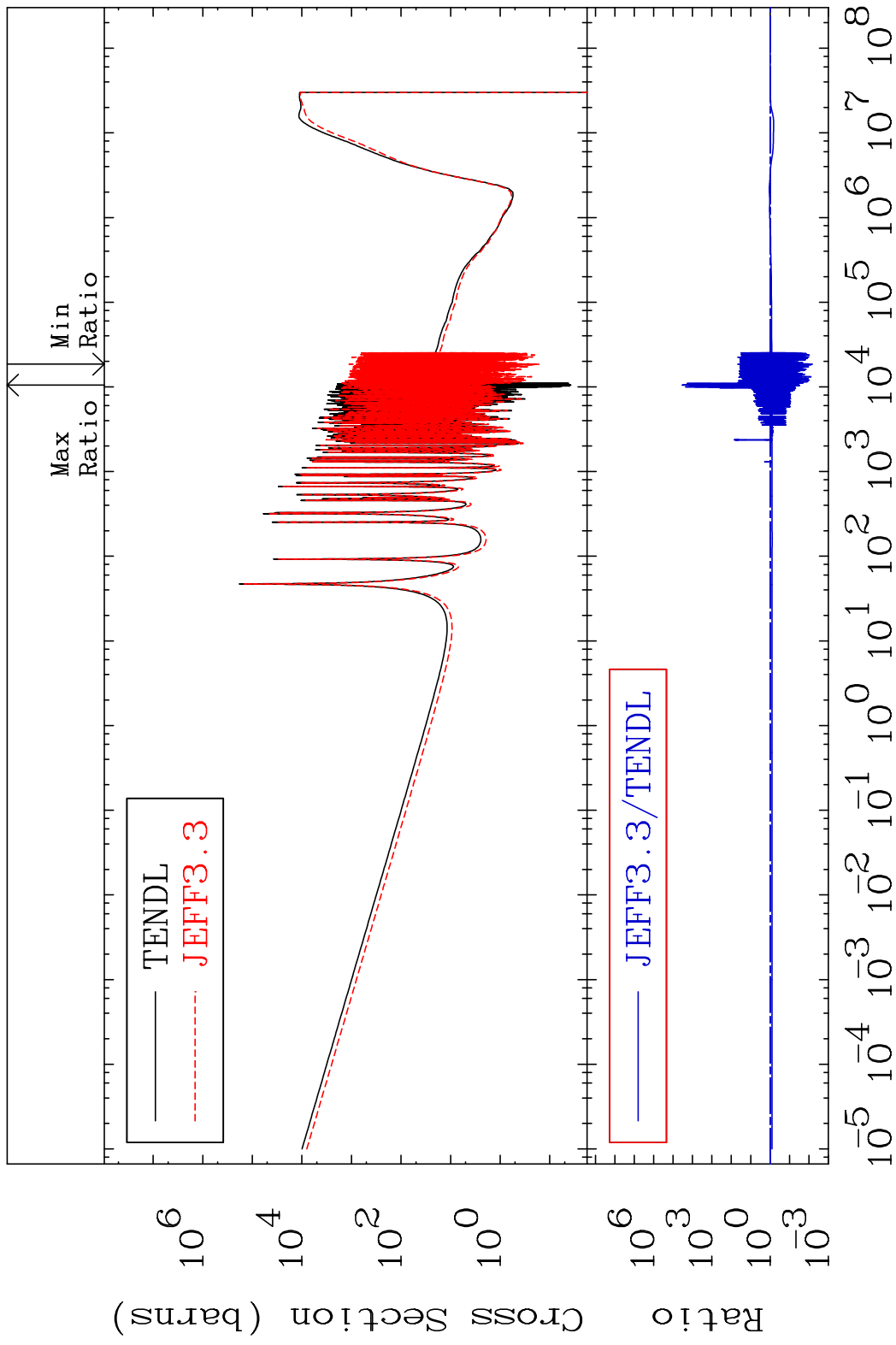
Cross Section -99.61 To 3512. %



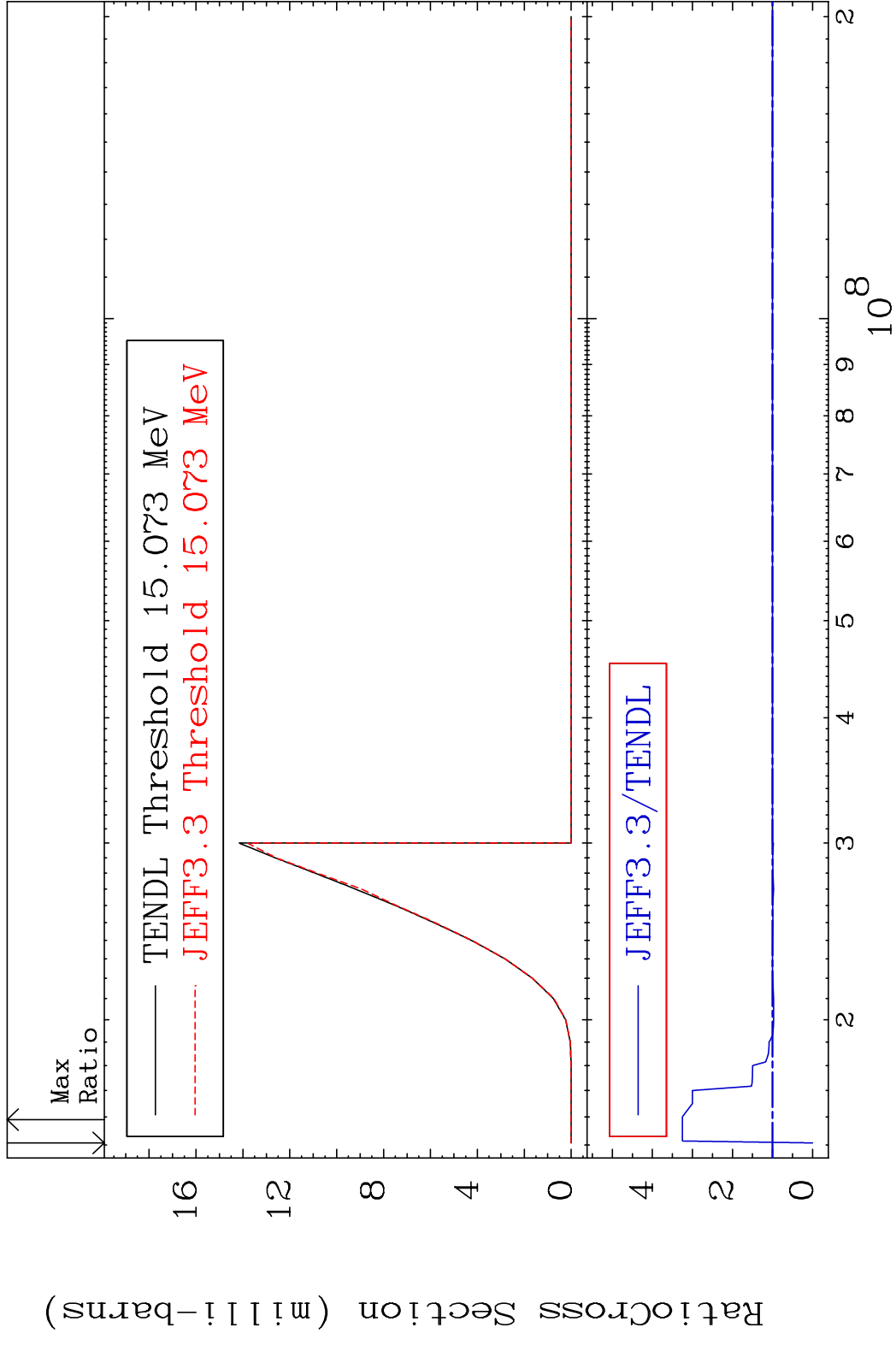
MAT 3325 Dpa inelastic (mt51-91) 33-As-75  
 Cross Section -100.0 To 2.571 %

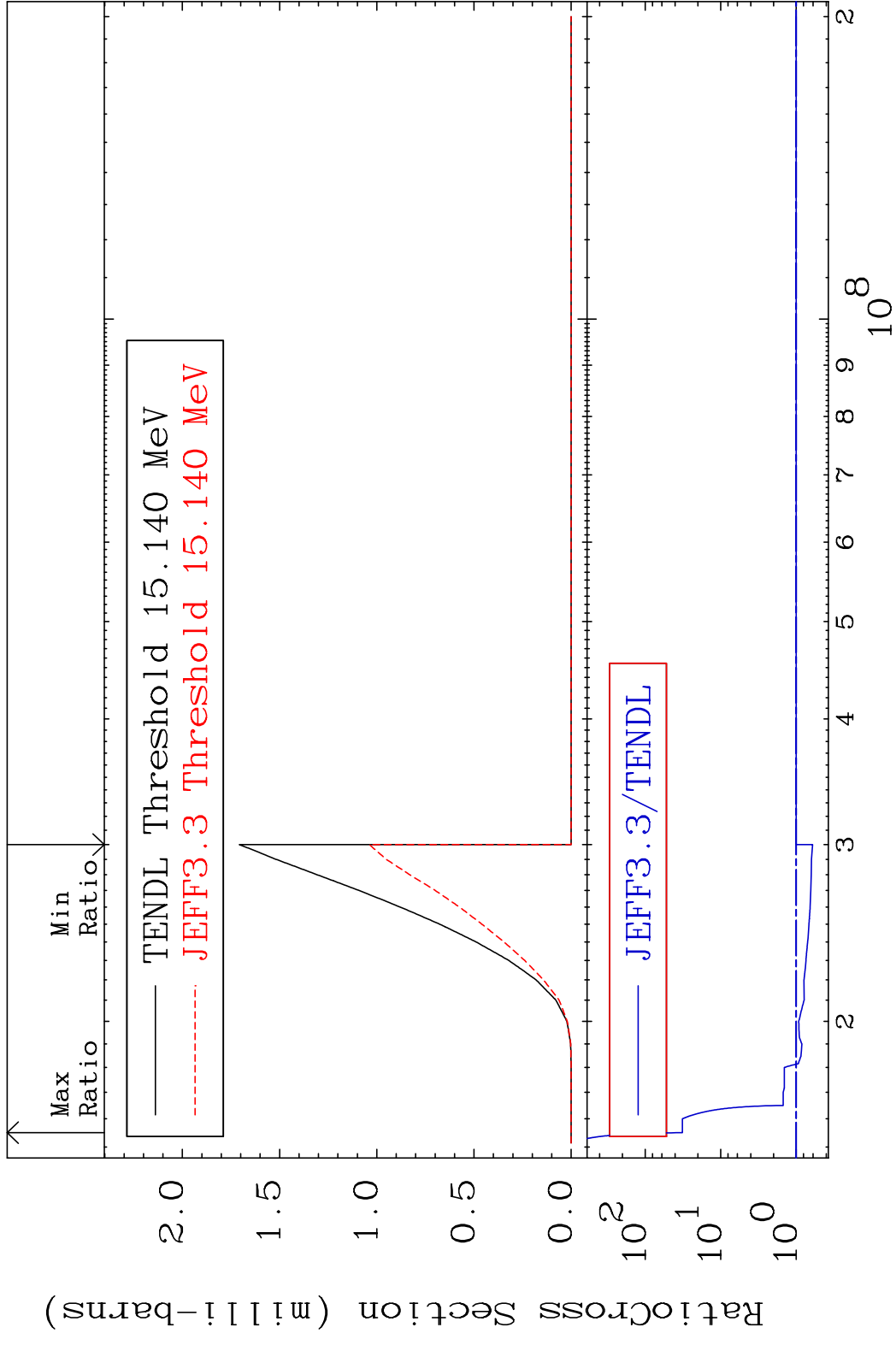


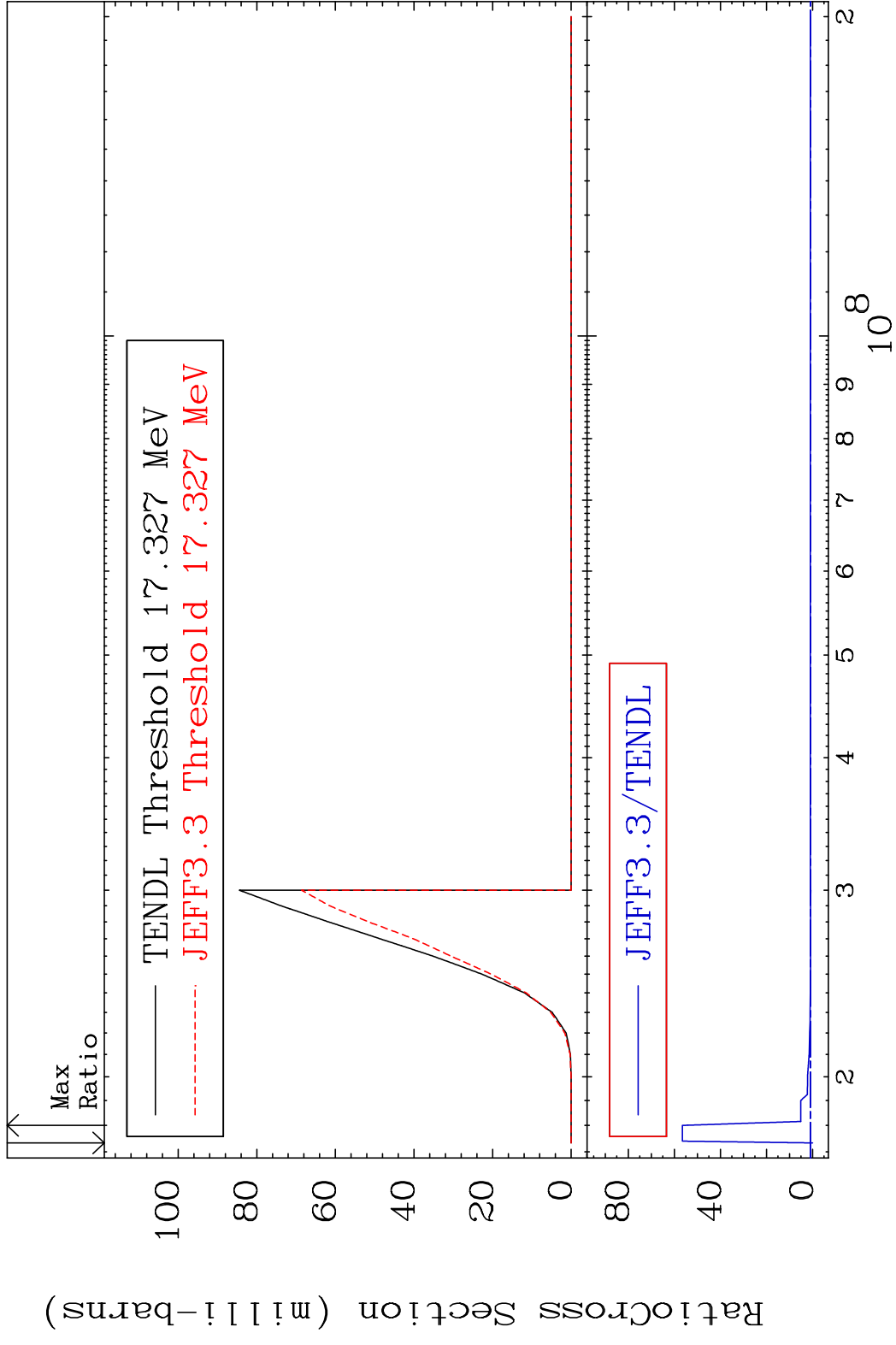
MAT 3325 Dpa disappearance (mt102 -120) 33-As-75  
 Cross Section -99.35 To 9999. %

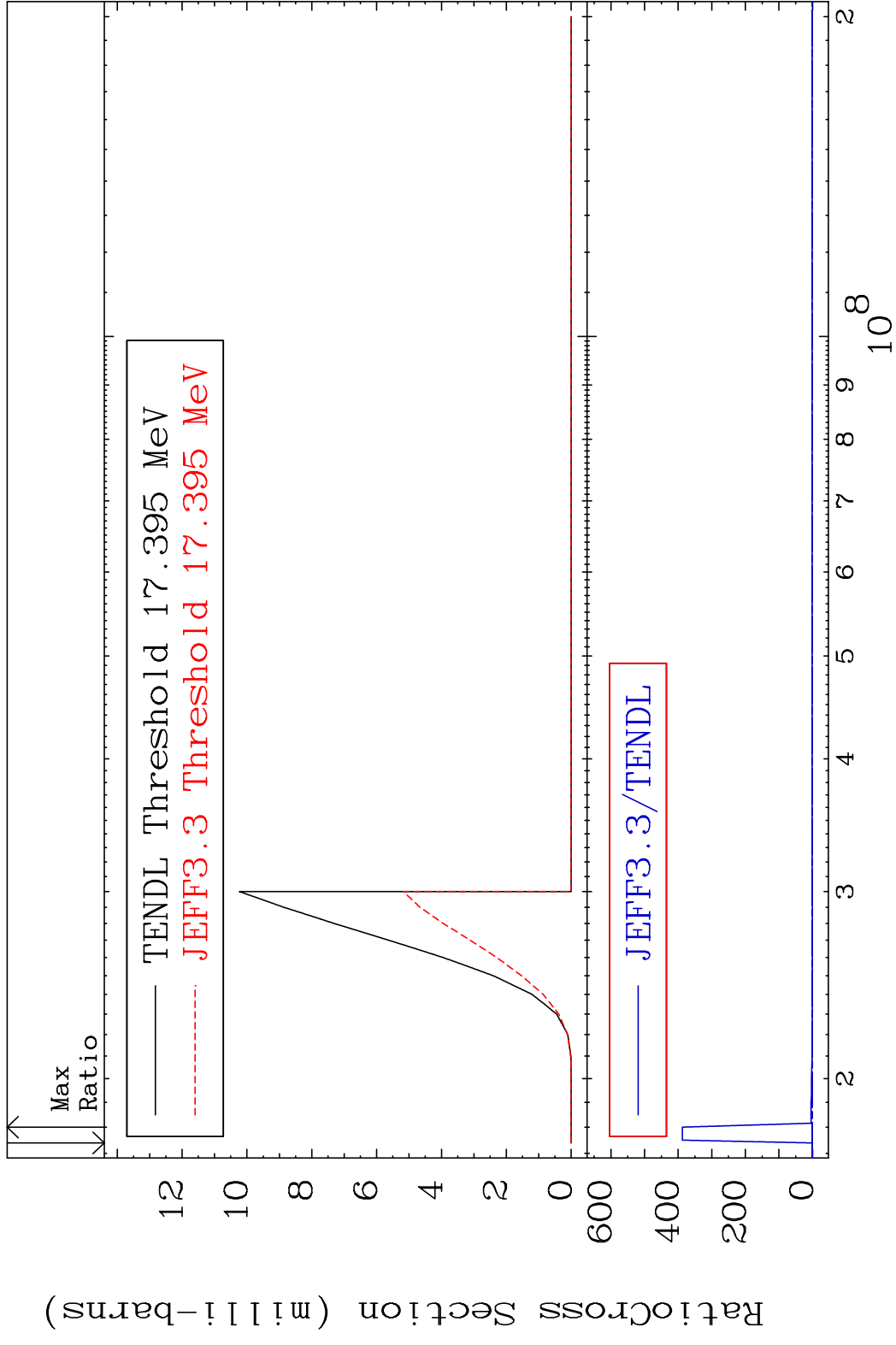


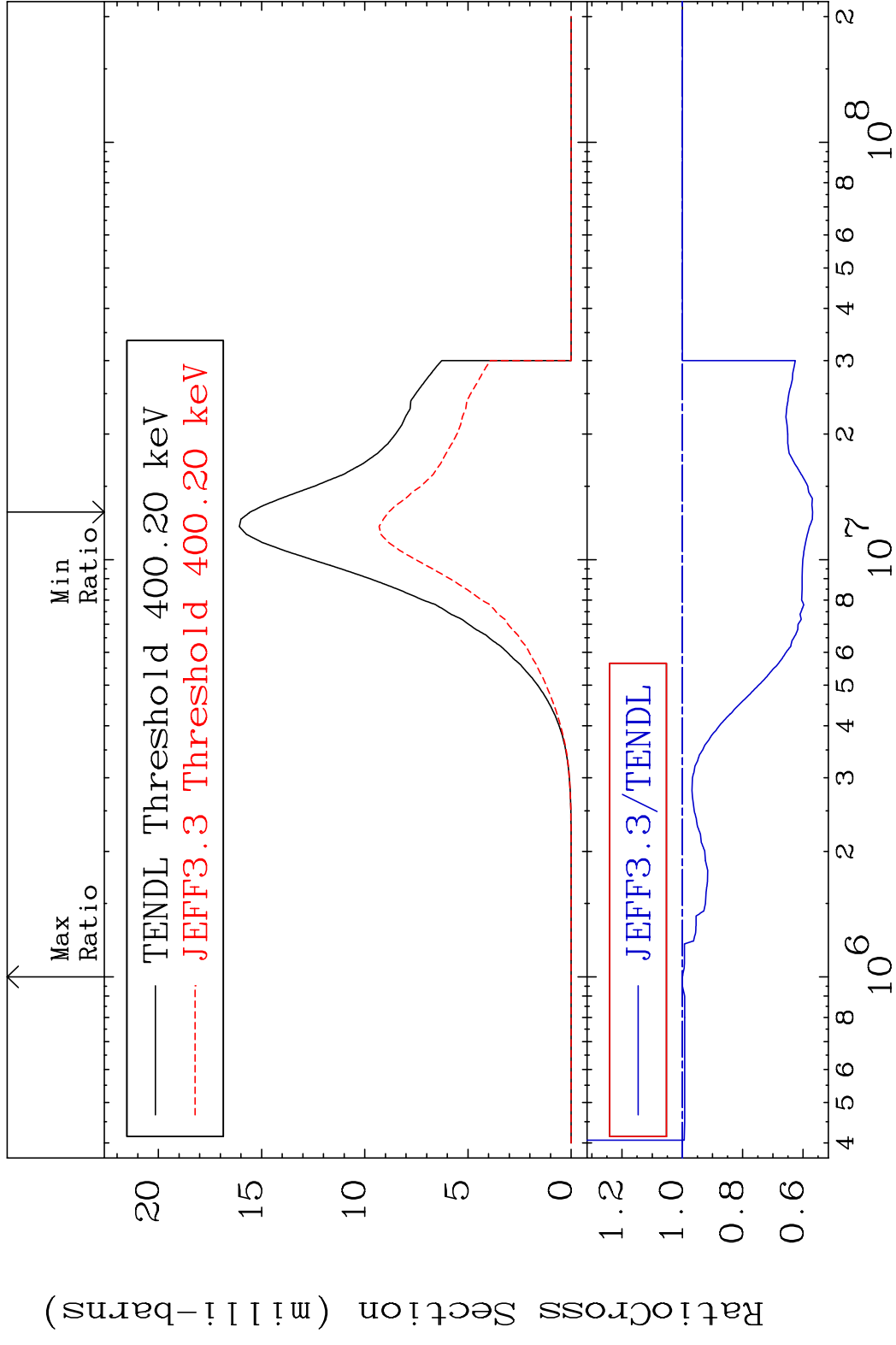
MAT 3325 (n, n') d:32-Ge-73g 33-As-75  
 Radionuclide Production Cross Section 180.01 dth 225.1 %



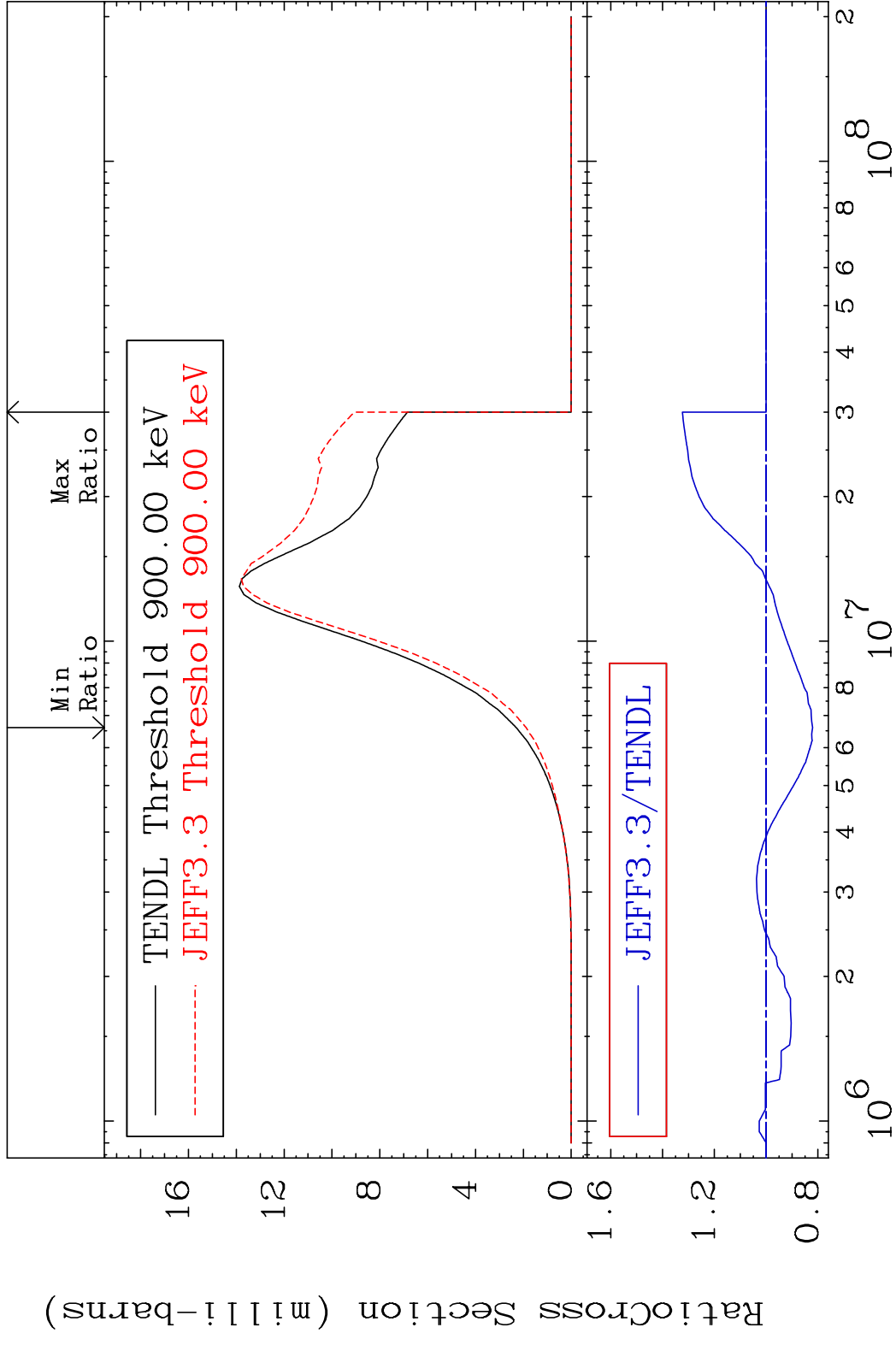






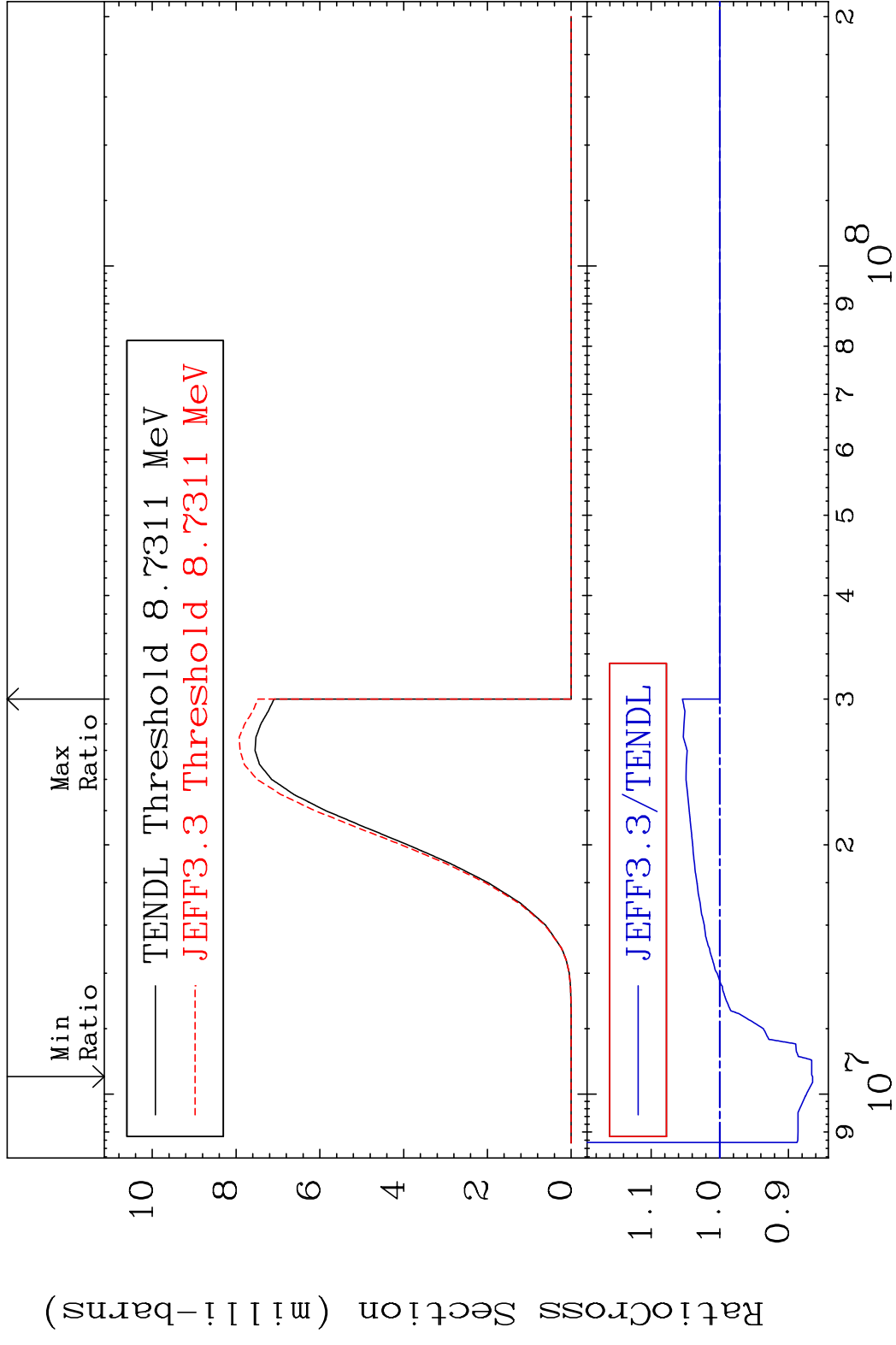


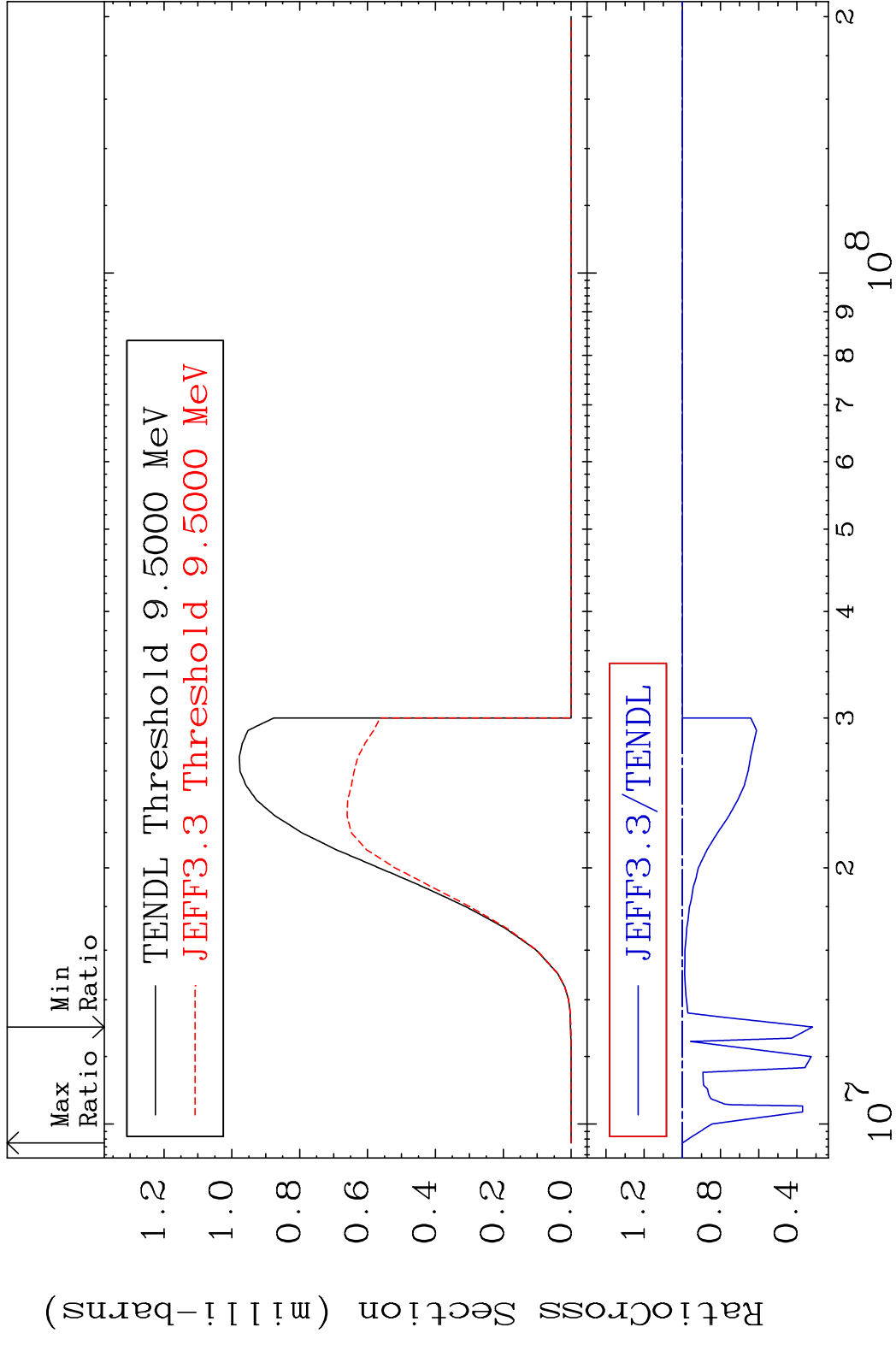
MAT 3325 (n,p):32-Ge-75m2 33-As-75  
 Radionuclide Production Cross Section 32.36 %

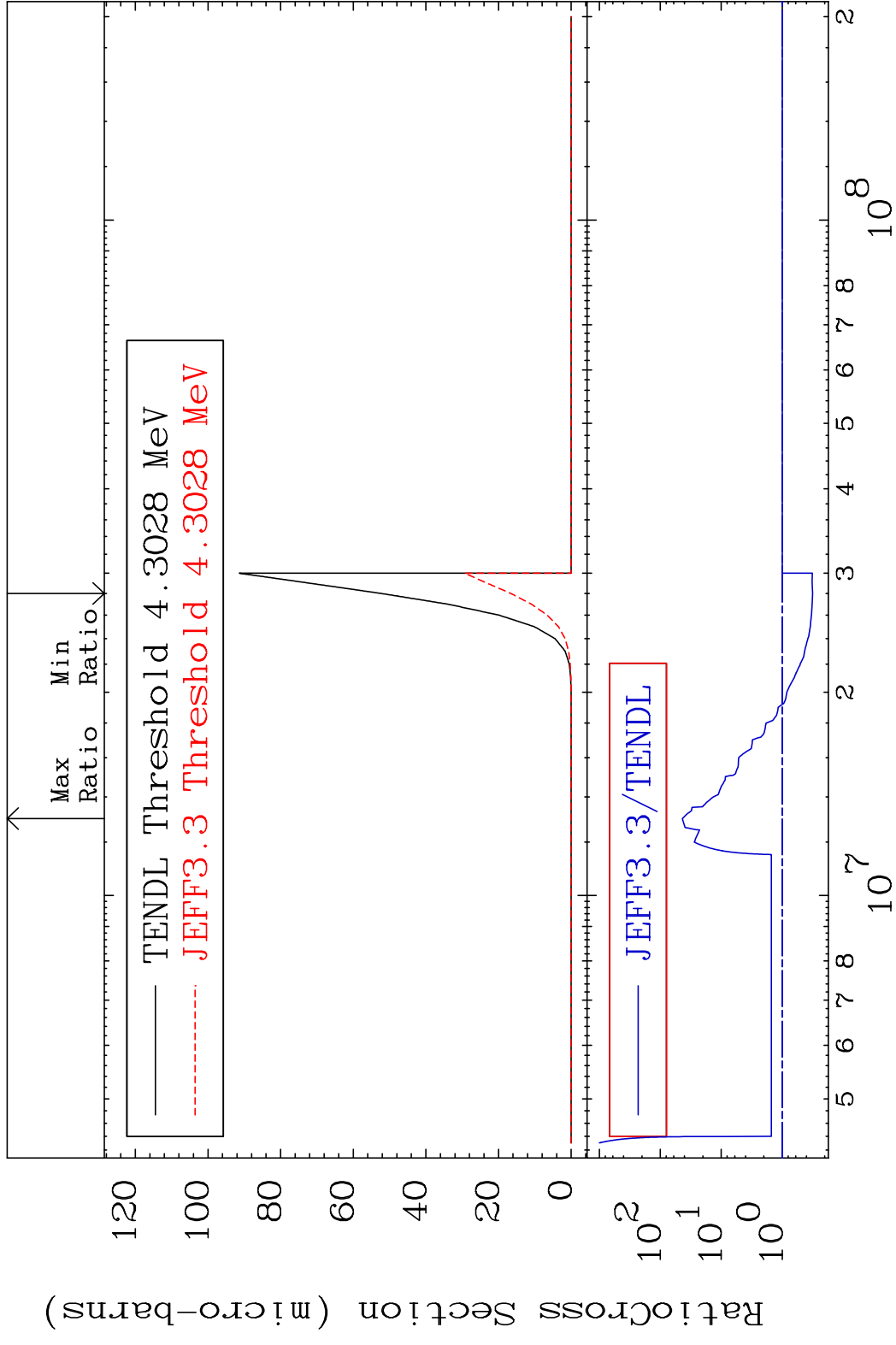


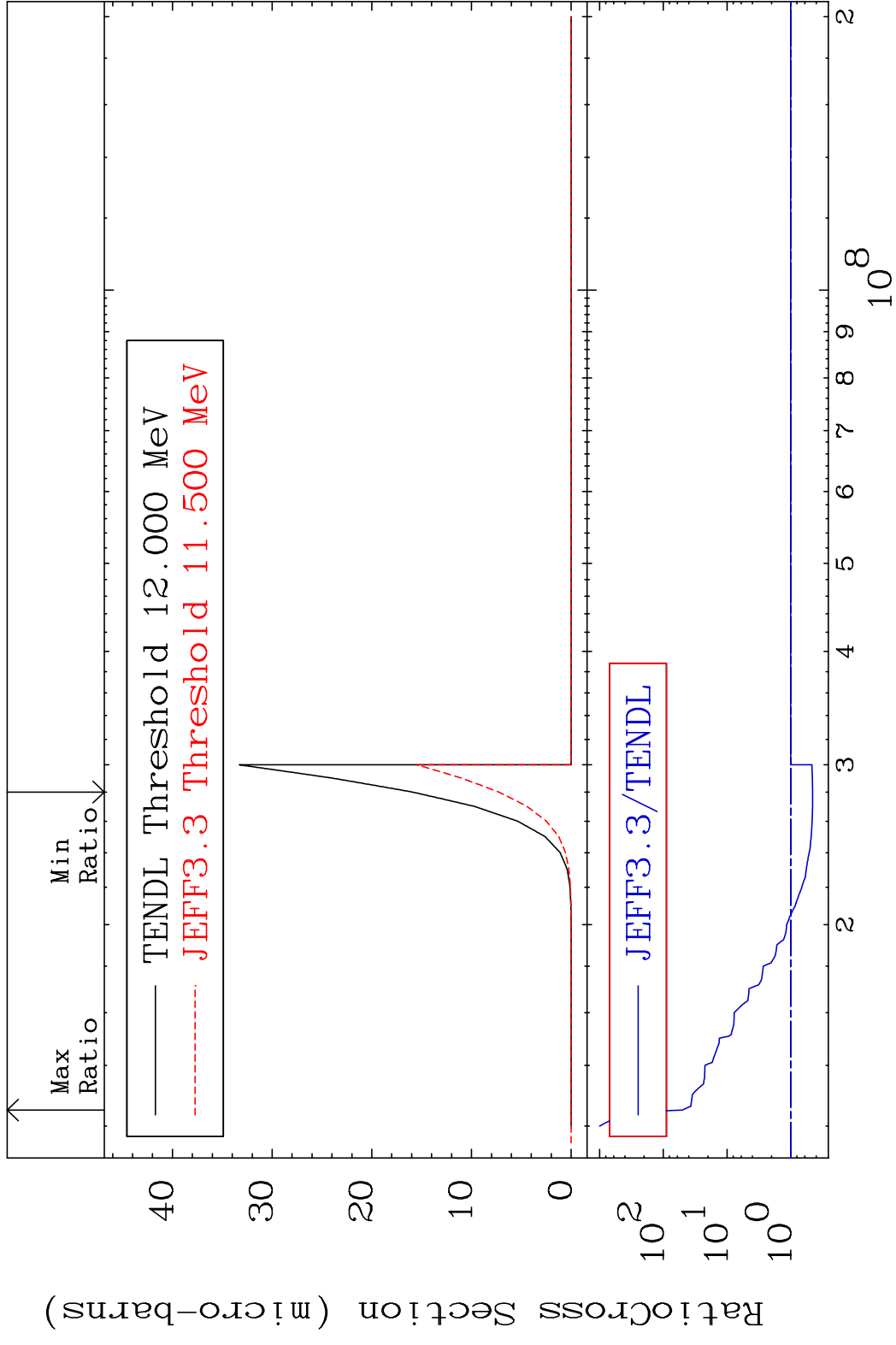
85 Incident Energy (eV) 33-As-75

MAT 3325 (n, t):32-Ge-73g 33-As-75  
 Radionuclide Production Cross Section 5.441 %

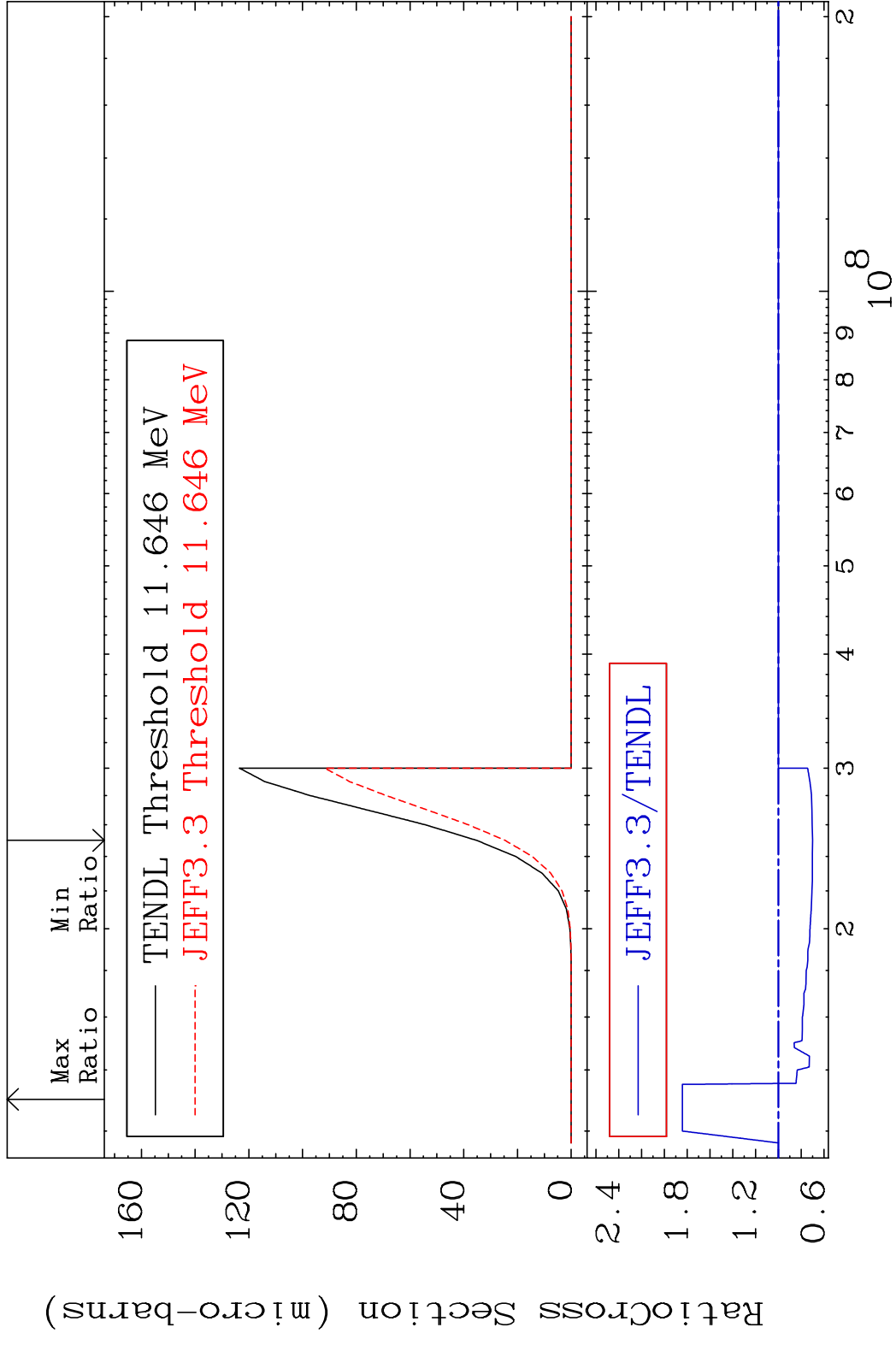


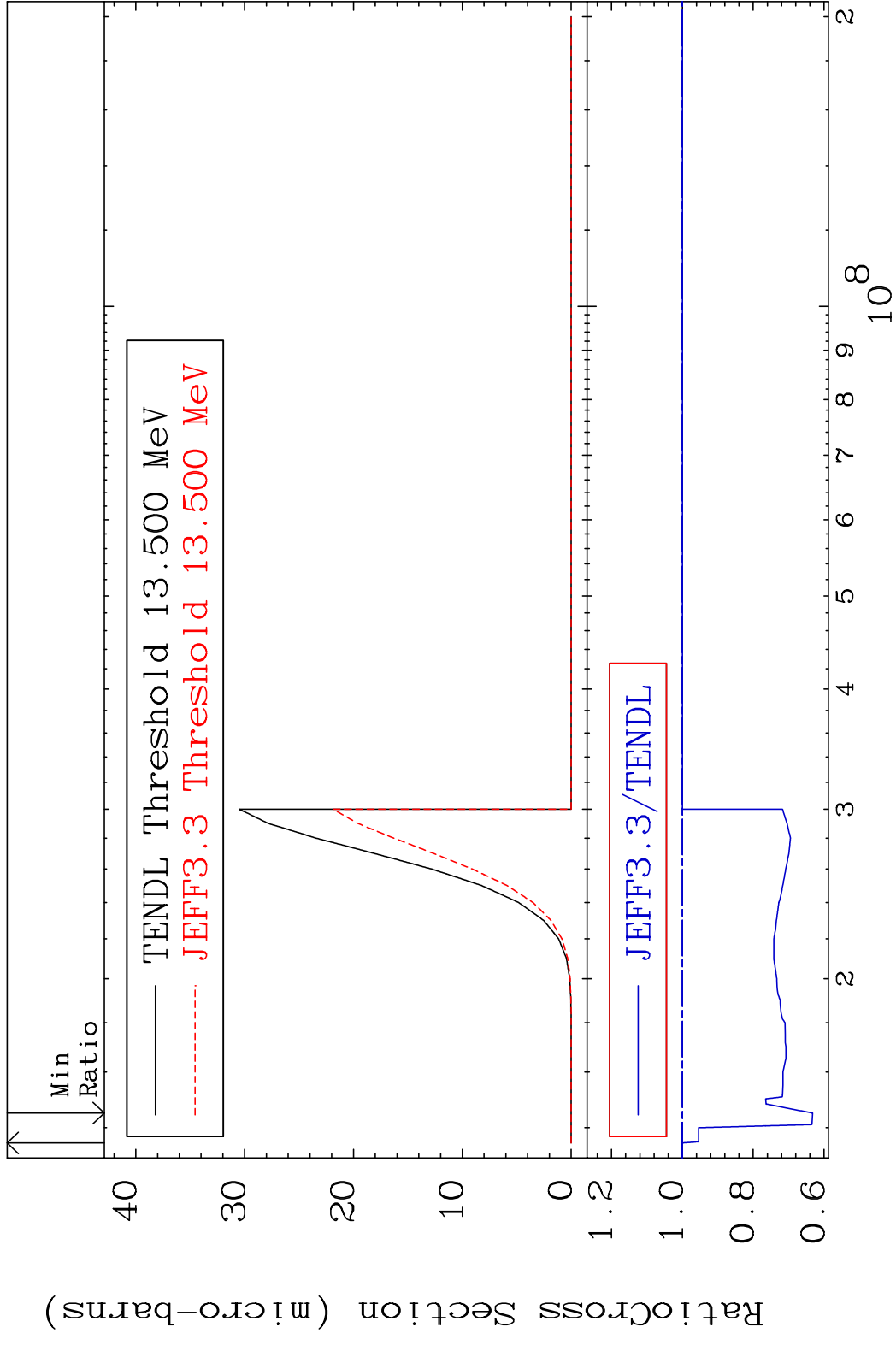




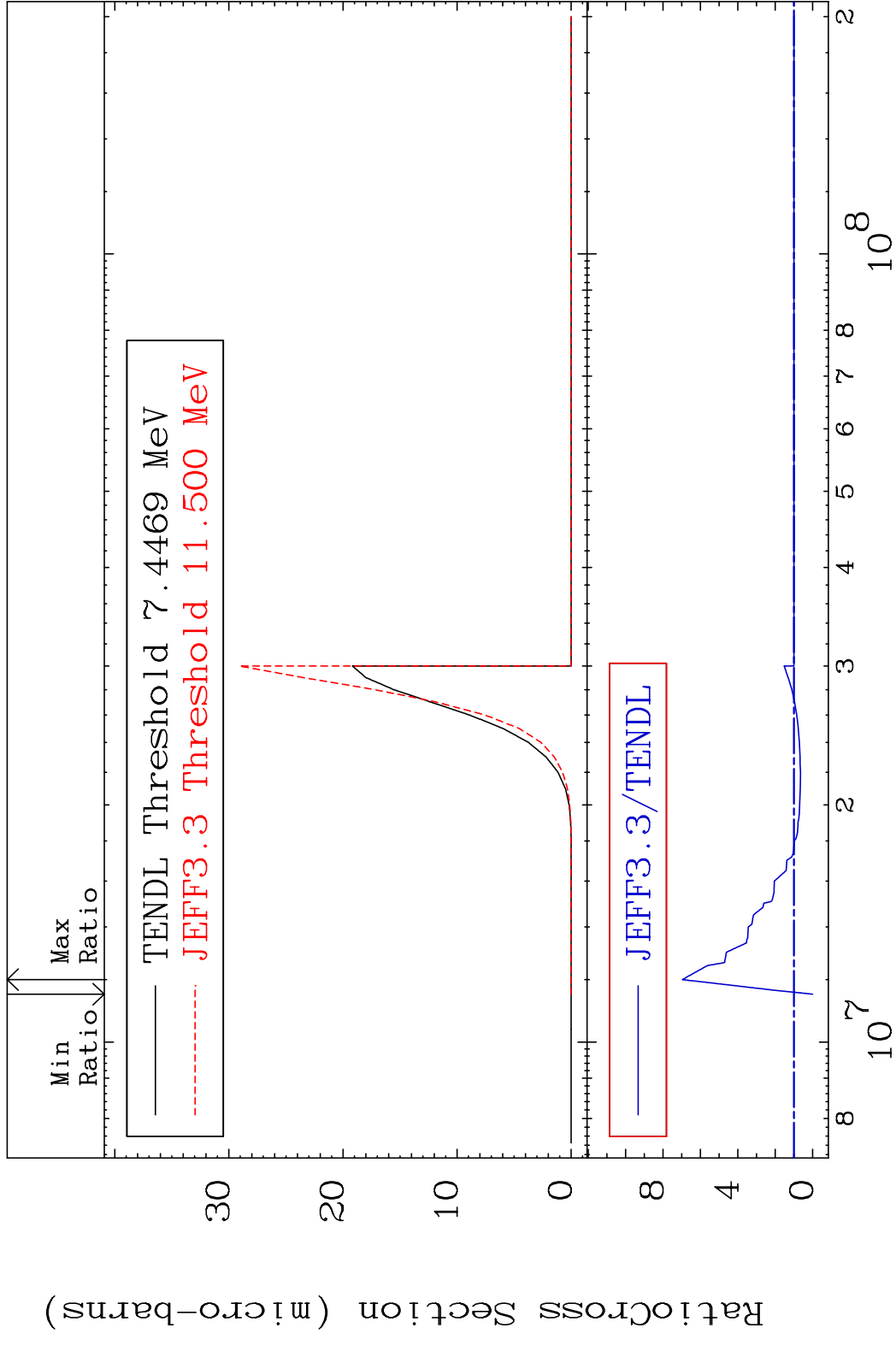


MAT 3325 (n,2p):31-Ga-74g 33-As-75  
 Radionuclide Production Cross Section 84.27 %





MAT 3325 (n, p)  $\alpha$ :30-Zn-71g 33-As-75  
 Radionuclide Production Cross Section 180.01 dth 596.5 %



MAT 3325 (n,p)  $\alpha$ :30-Zn-71m1 33-As-75  
 Radionuclide Production Cross Section 180.01 dth 593.8 %

