

Program Complot  
(Version 2021-1)

by

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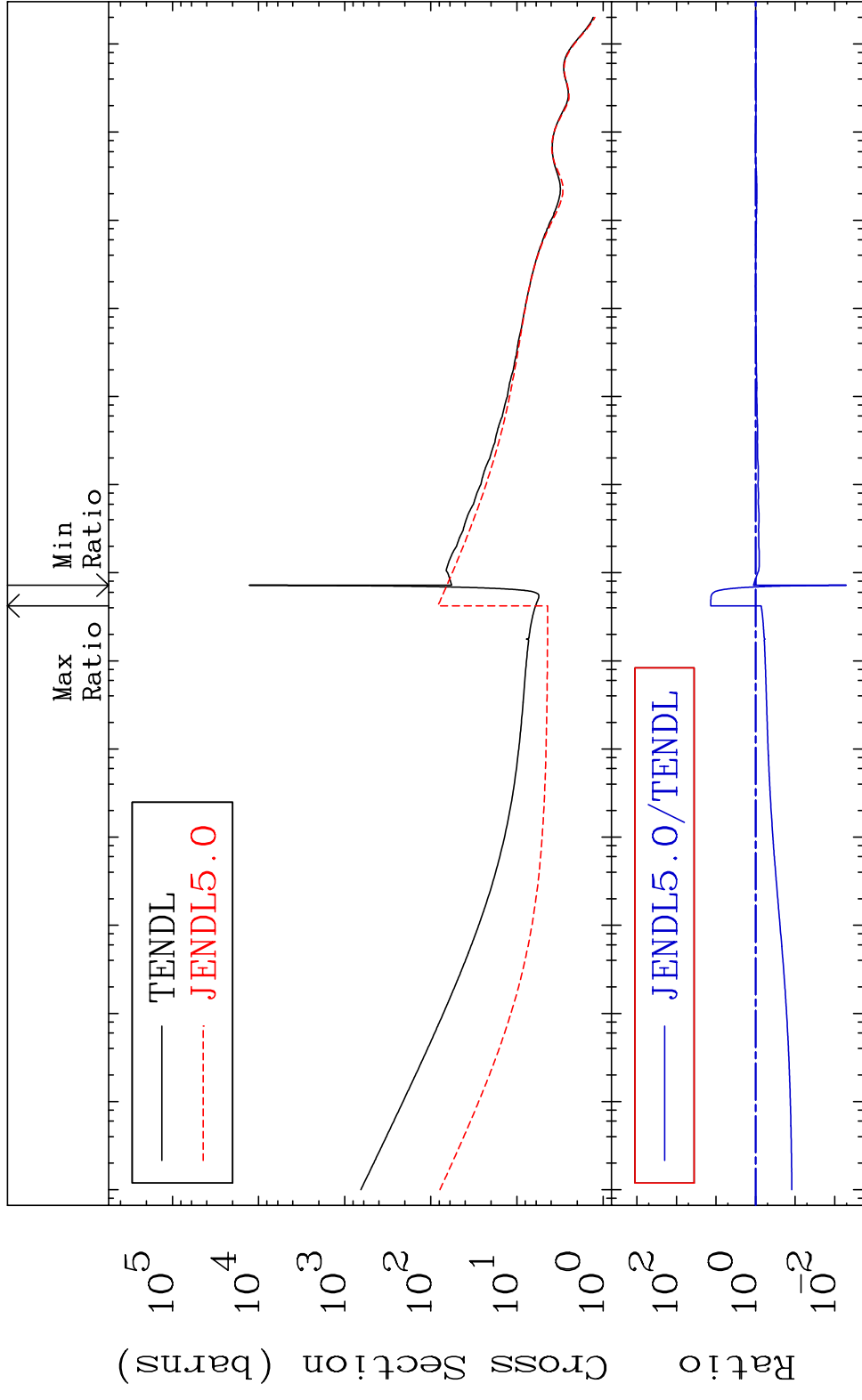
Press Mouse Button to Start

MAT 3228

32-Ge-71

Total

Cross Section -99.49 To 1263. %



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> Incident Energy (eV)

32-Ge-71

Incident Energy (eV)

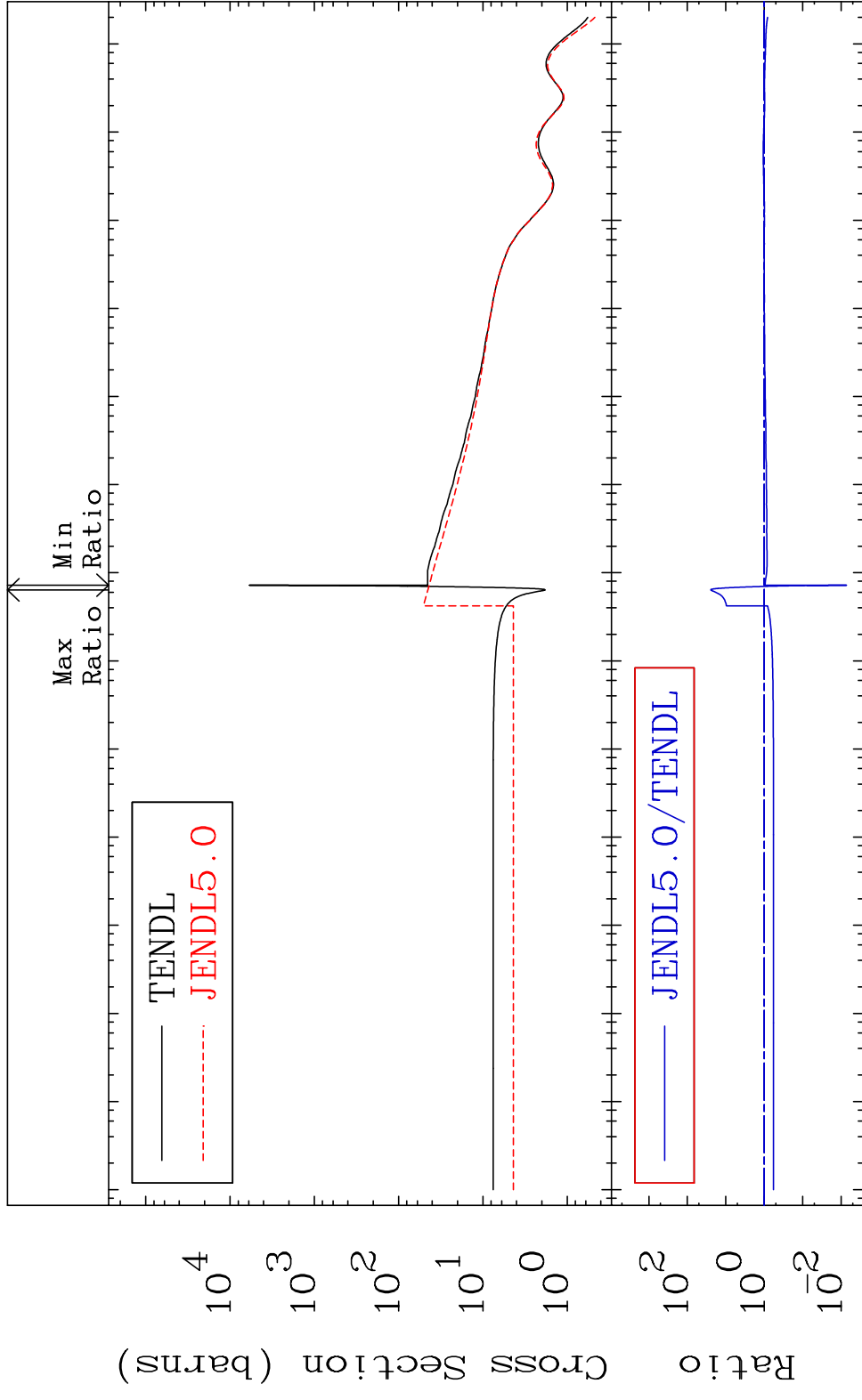
1

MAT 3228

Elastic

32-Ge-71

Cross Section -99.26 To 2368. %

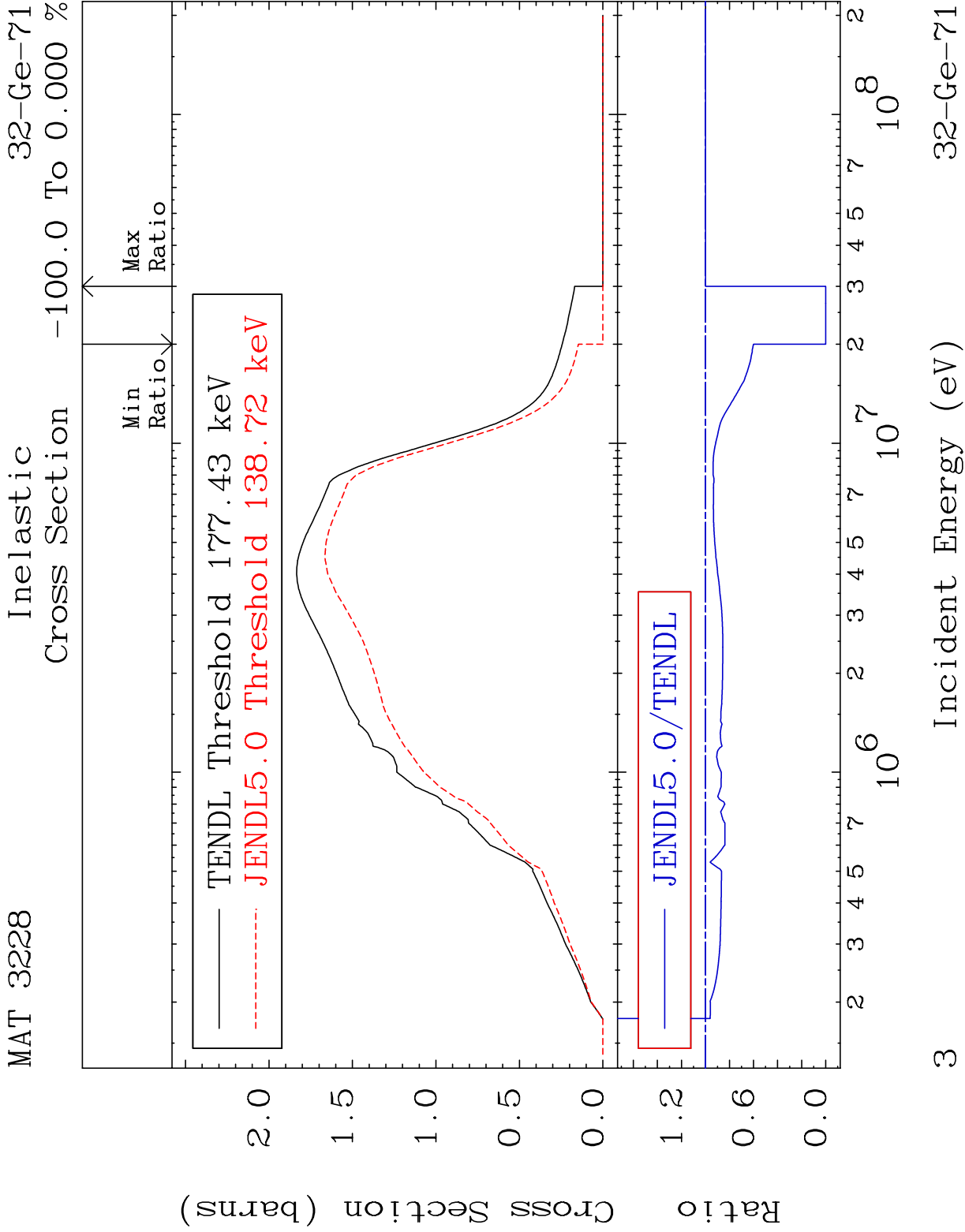


10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

Incident Energy (eV)

32-Ge-71

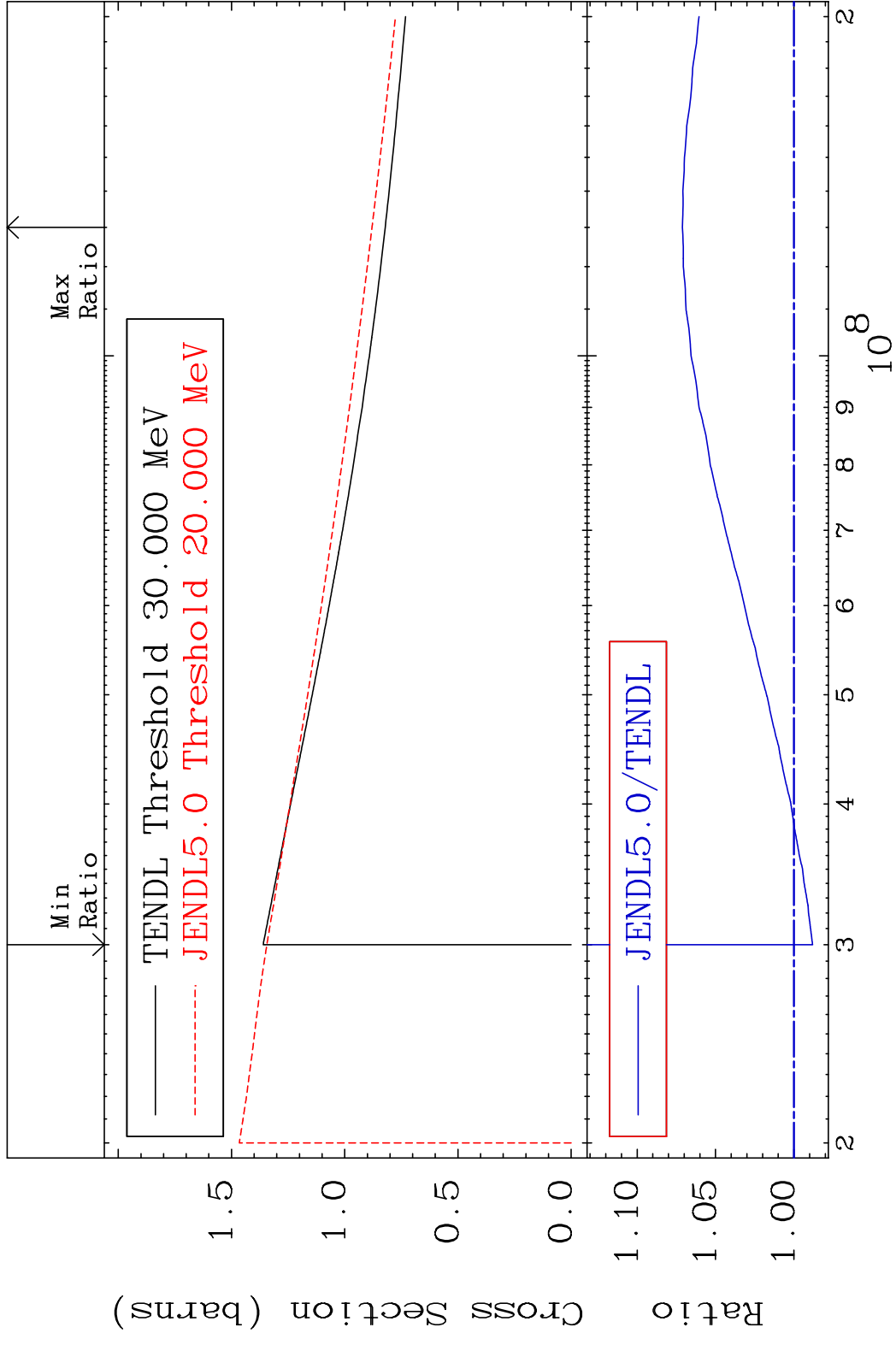


MAT 3228

(n, remainder)

32-Ge-71

Cross Section -1.188 To 7.117 %

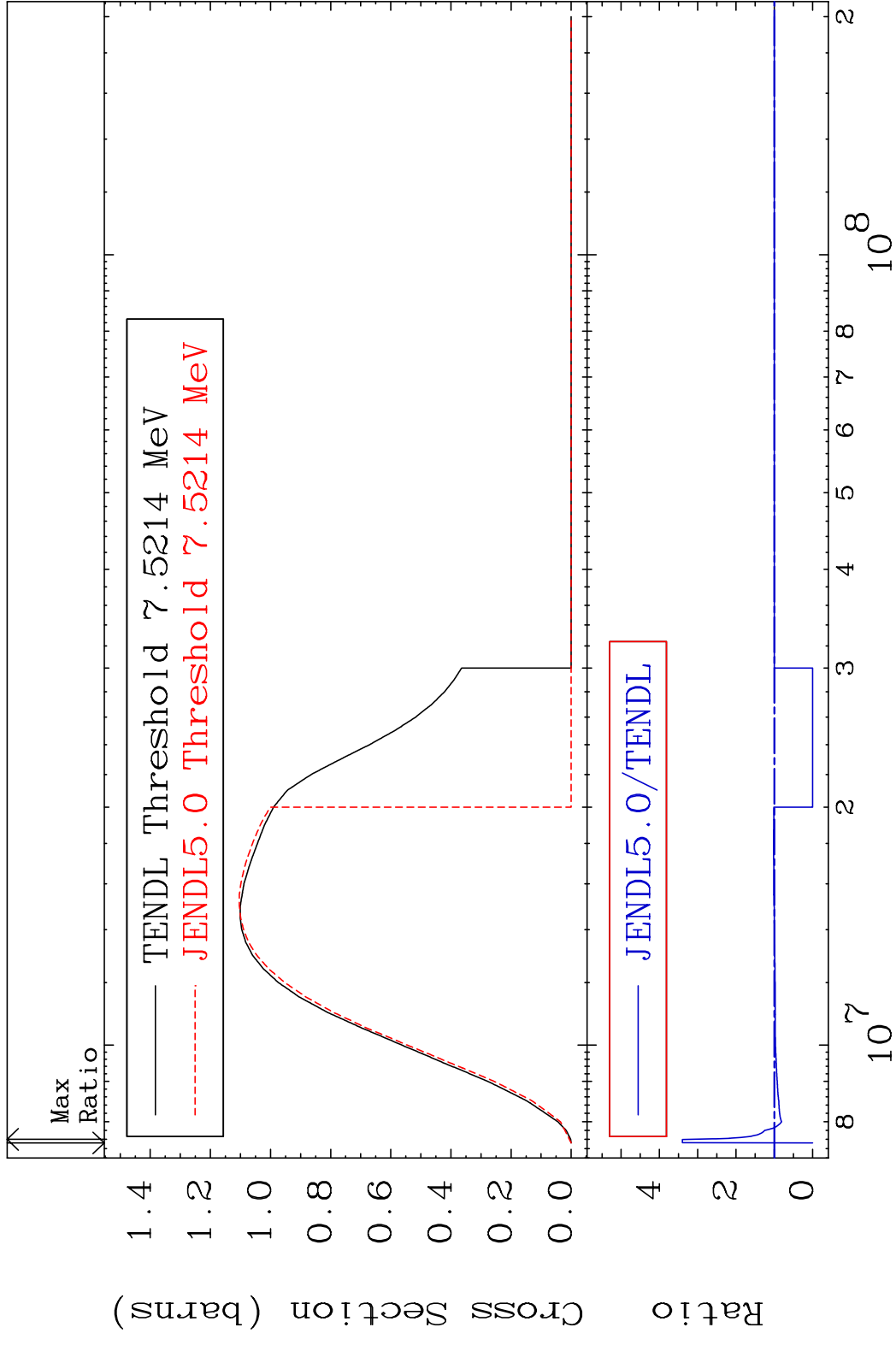


4

Incident Energy (eV)

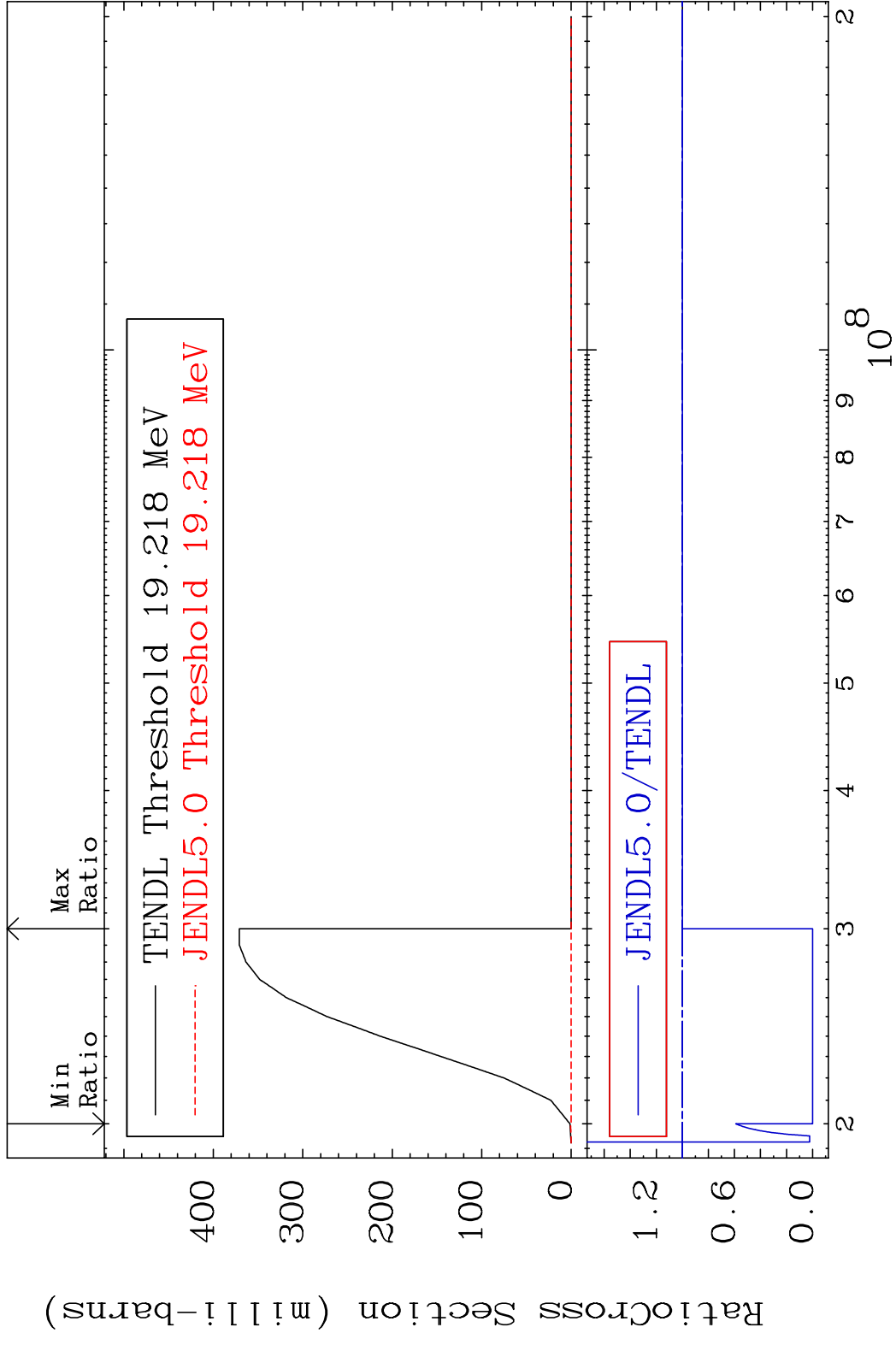
32-Ge-71

MAT 3228 (n,2n) 32-Ge-71  
 Cross Section -100.0 To 240.1 %

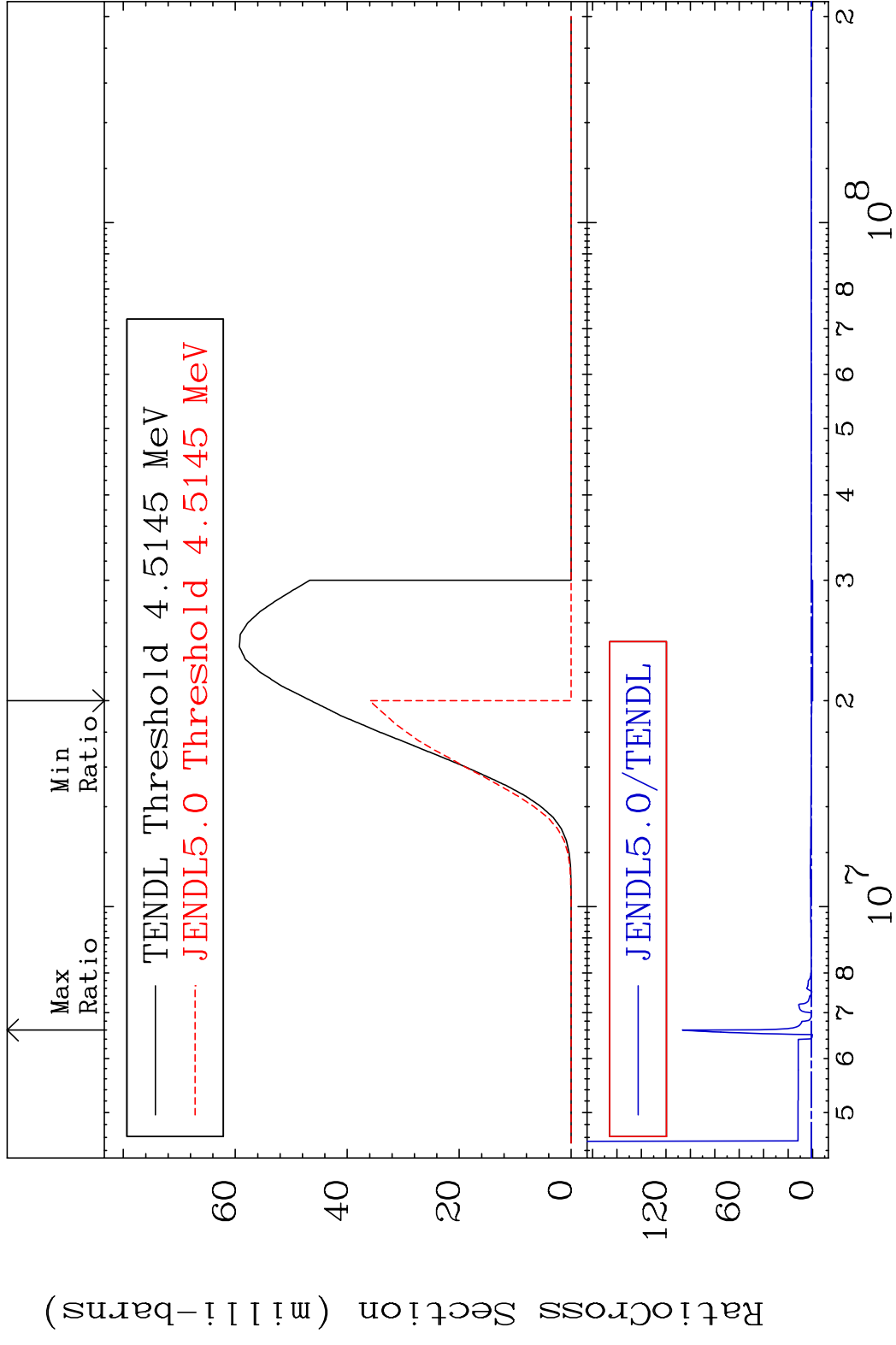


5 Incident Energy (eV) 32-Ge-71

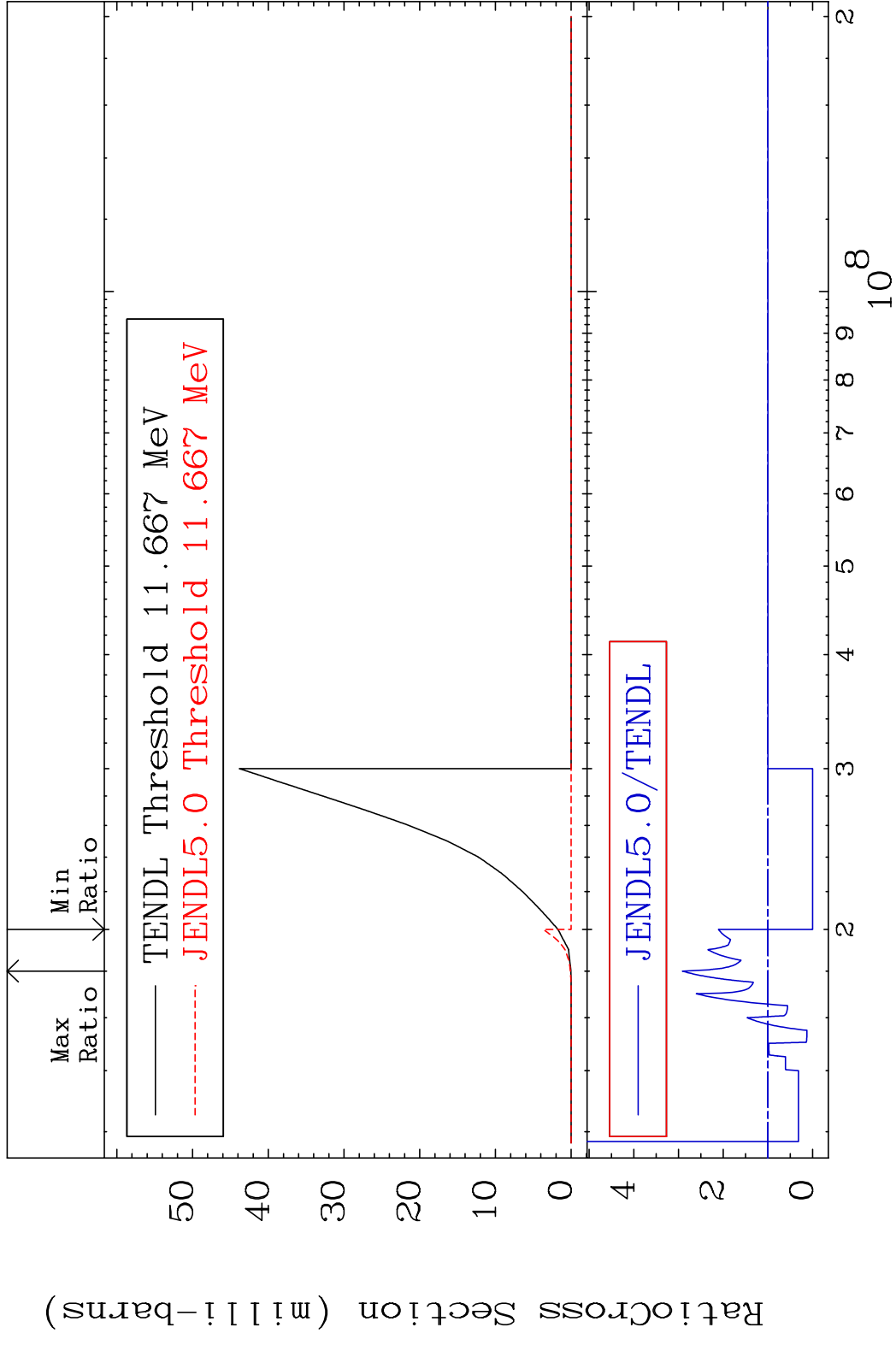
MAT 3228 (n,3n) 32-Ge-71  
 Cross Section -100.0 To 0.000 %



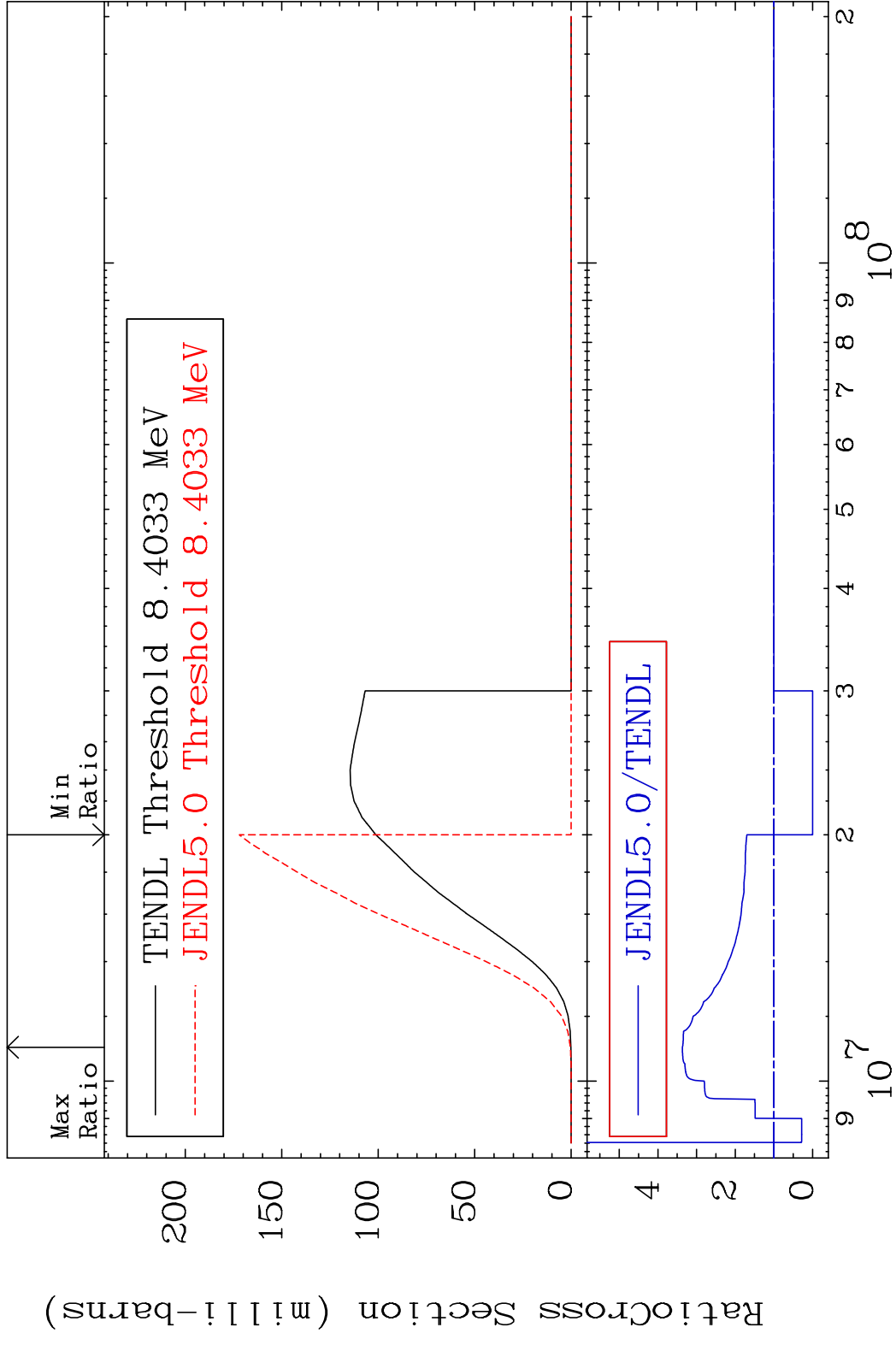
MAT 3228 (n, n')  $\alpha$  32-Ge-71  
 Cross Section -100.0 To 9999. %



MAT 3228 (n,2n)  $\alpha$   $^{32}\text{Ge-71}$   
 Cross Section -100.0 To 191.2 %



MAT 3228 (n, n') p 32-Ge-71  
 Cross Section -100.0 To 236.7 %

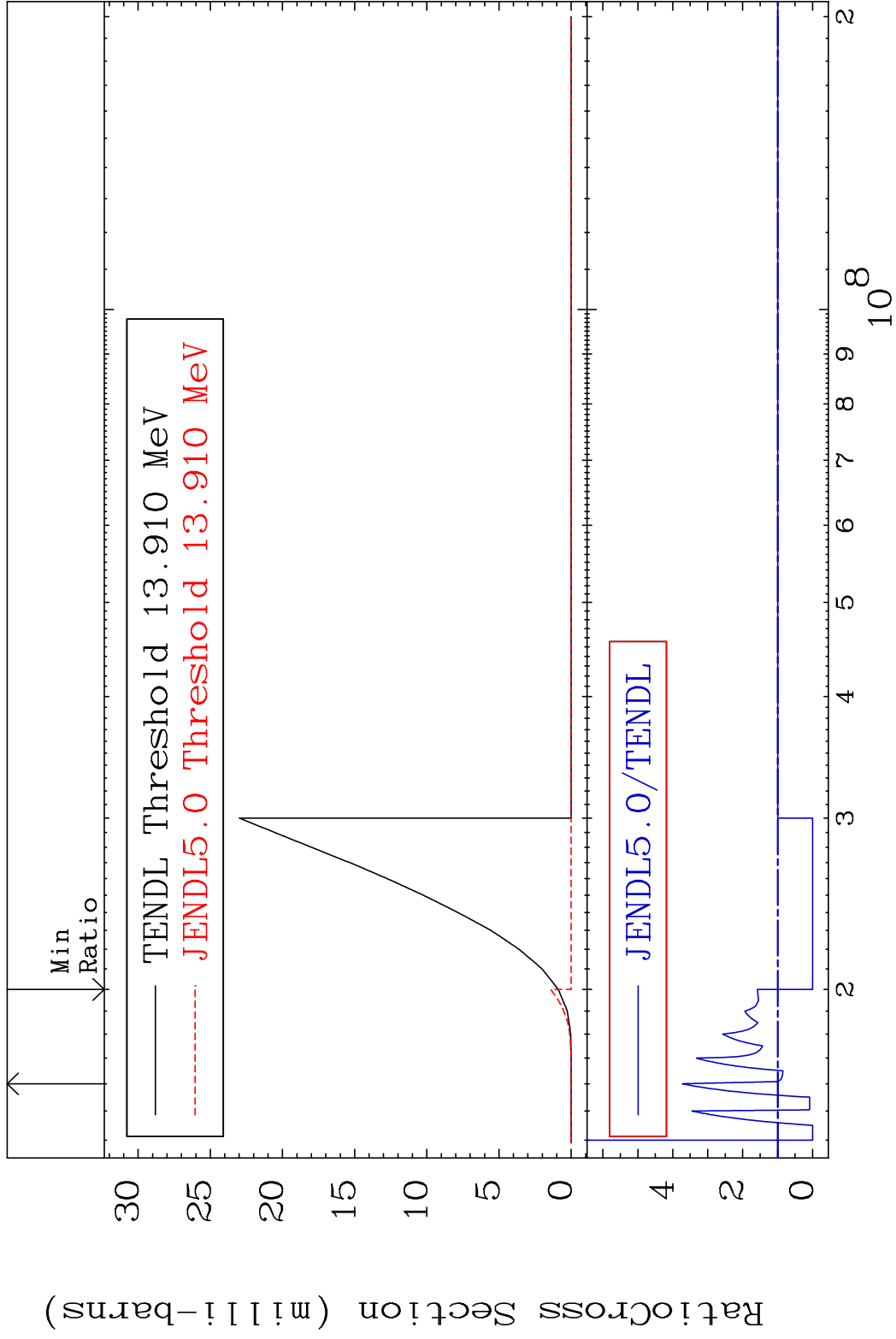


MAT 3228

(n, n') d

32-Ge-71

Cross Section -100.0 To 272.6 %

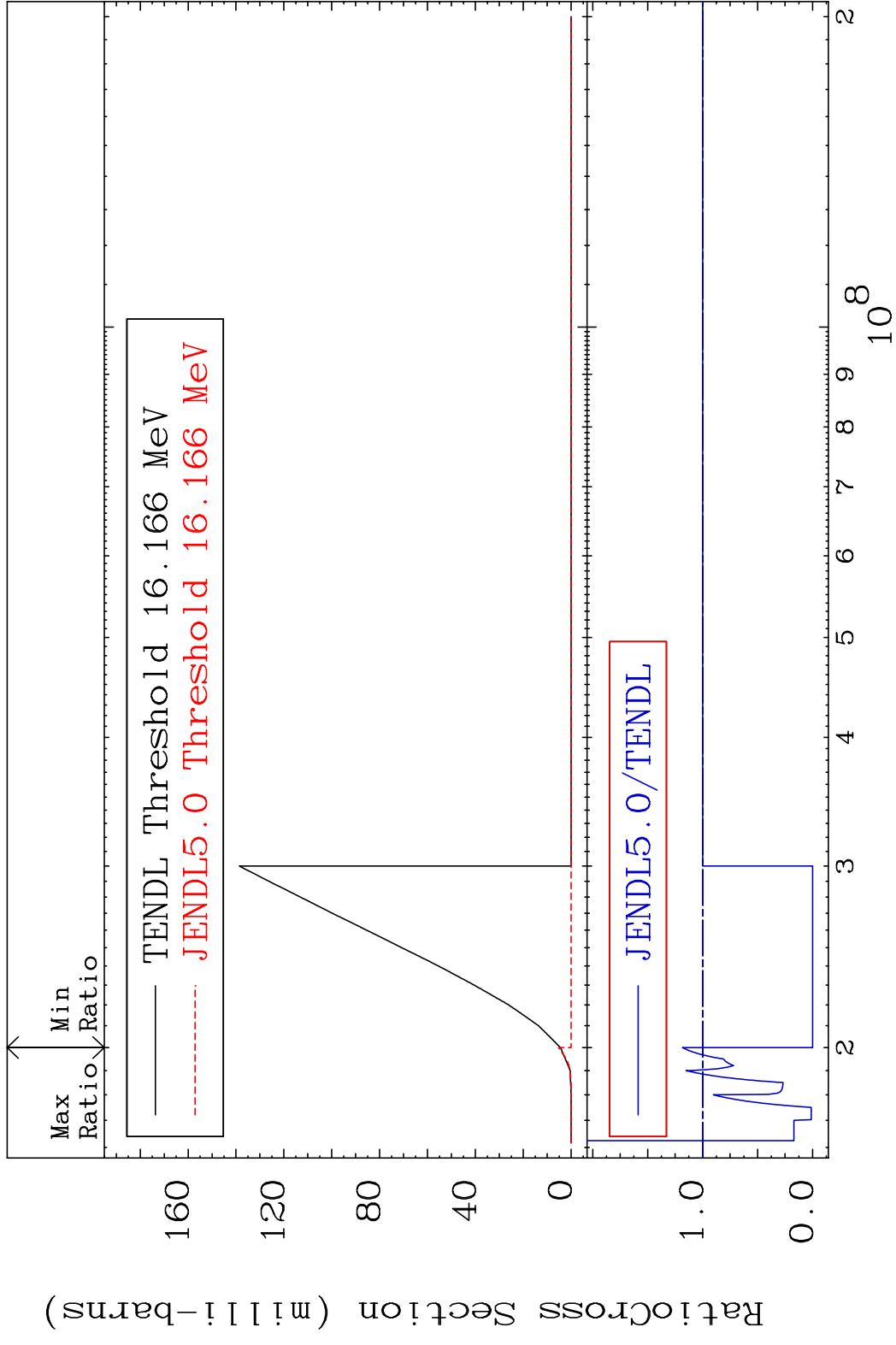


10

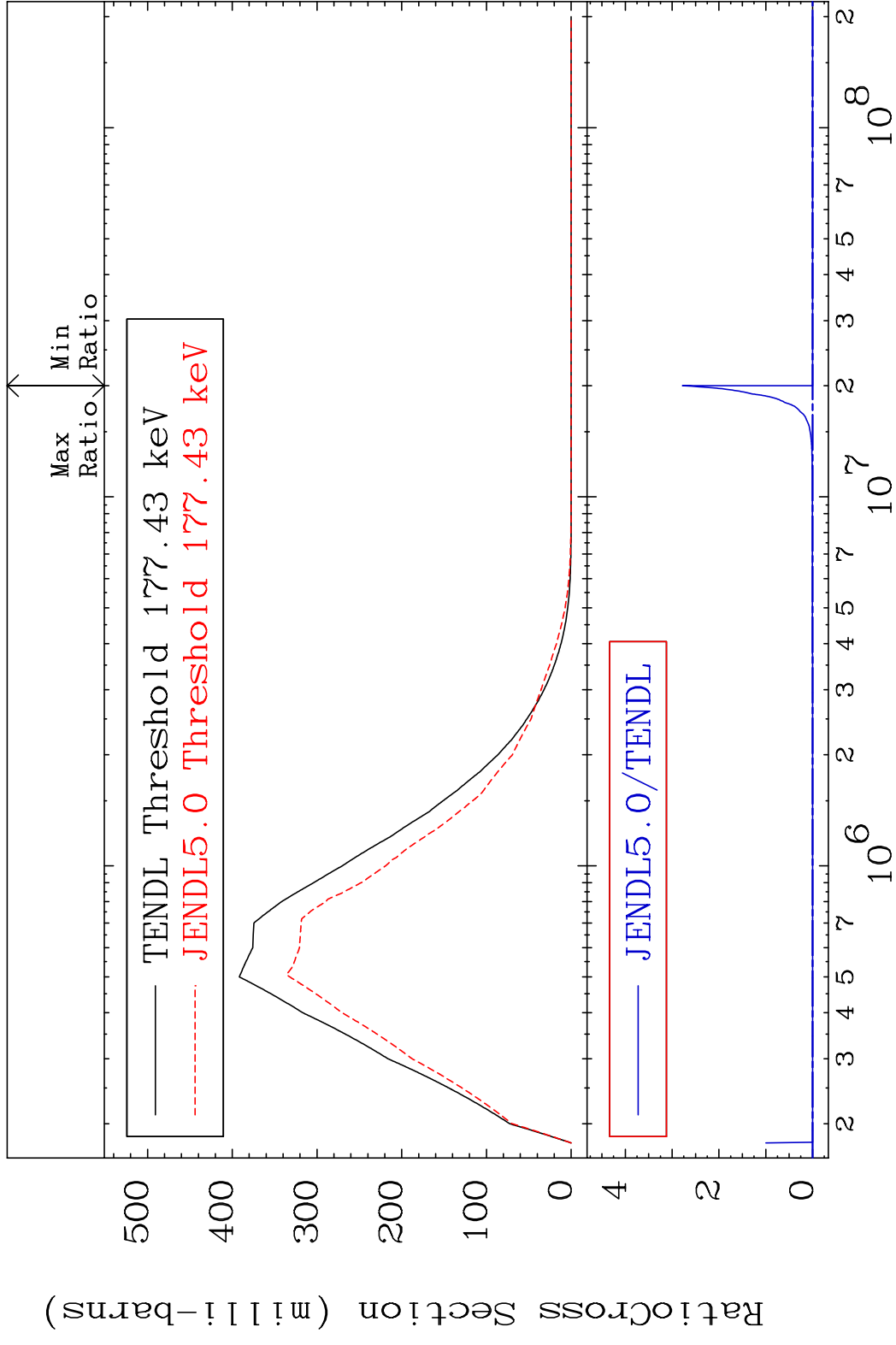
Incident Energy (eV)

32-Ge-71

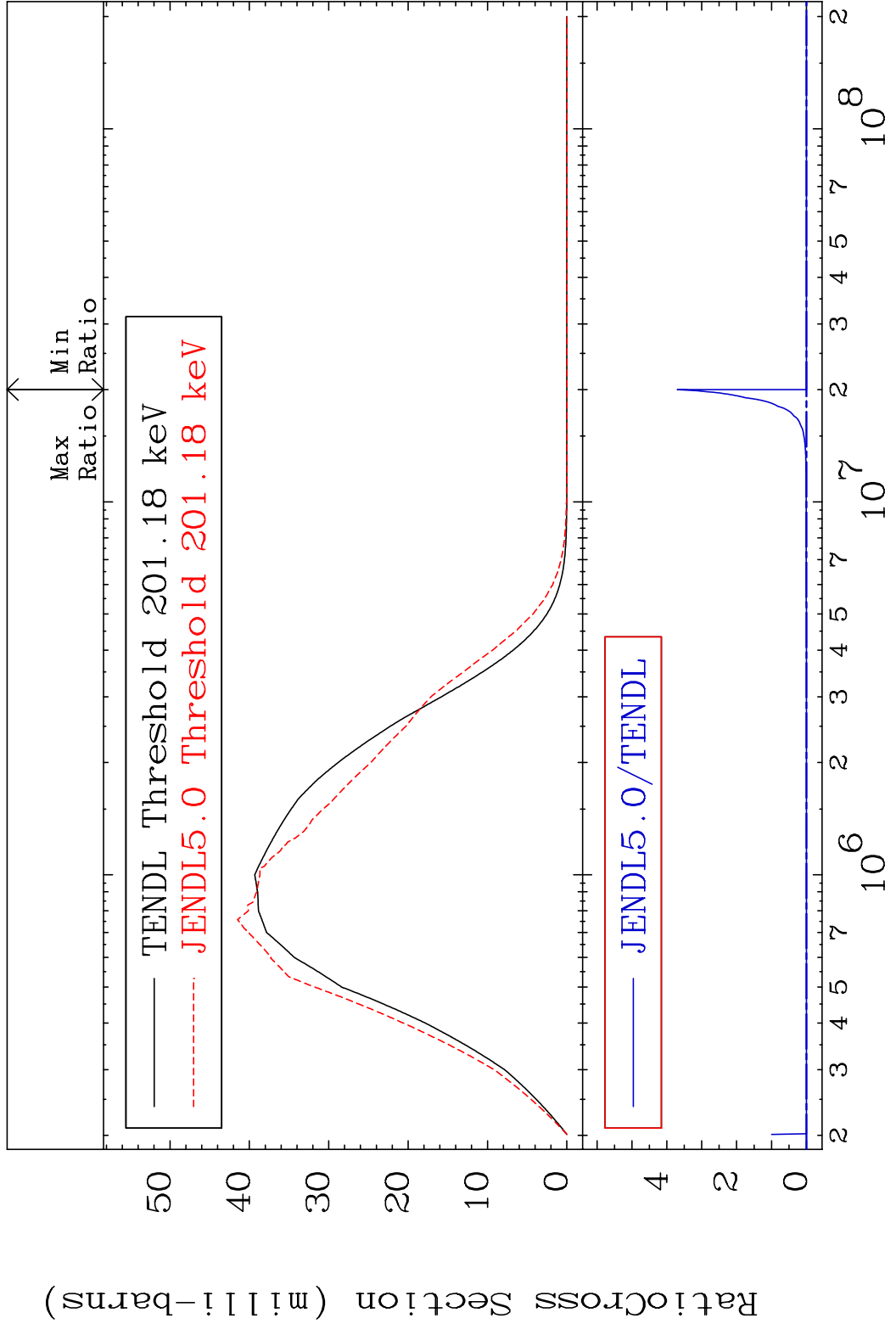
MAT 3228 (n,2n) p 32-Ge-71  
 Cross Section -100.0 To 18.44 %



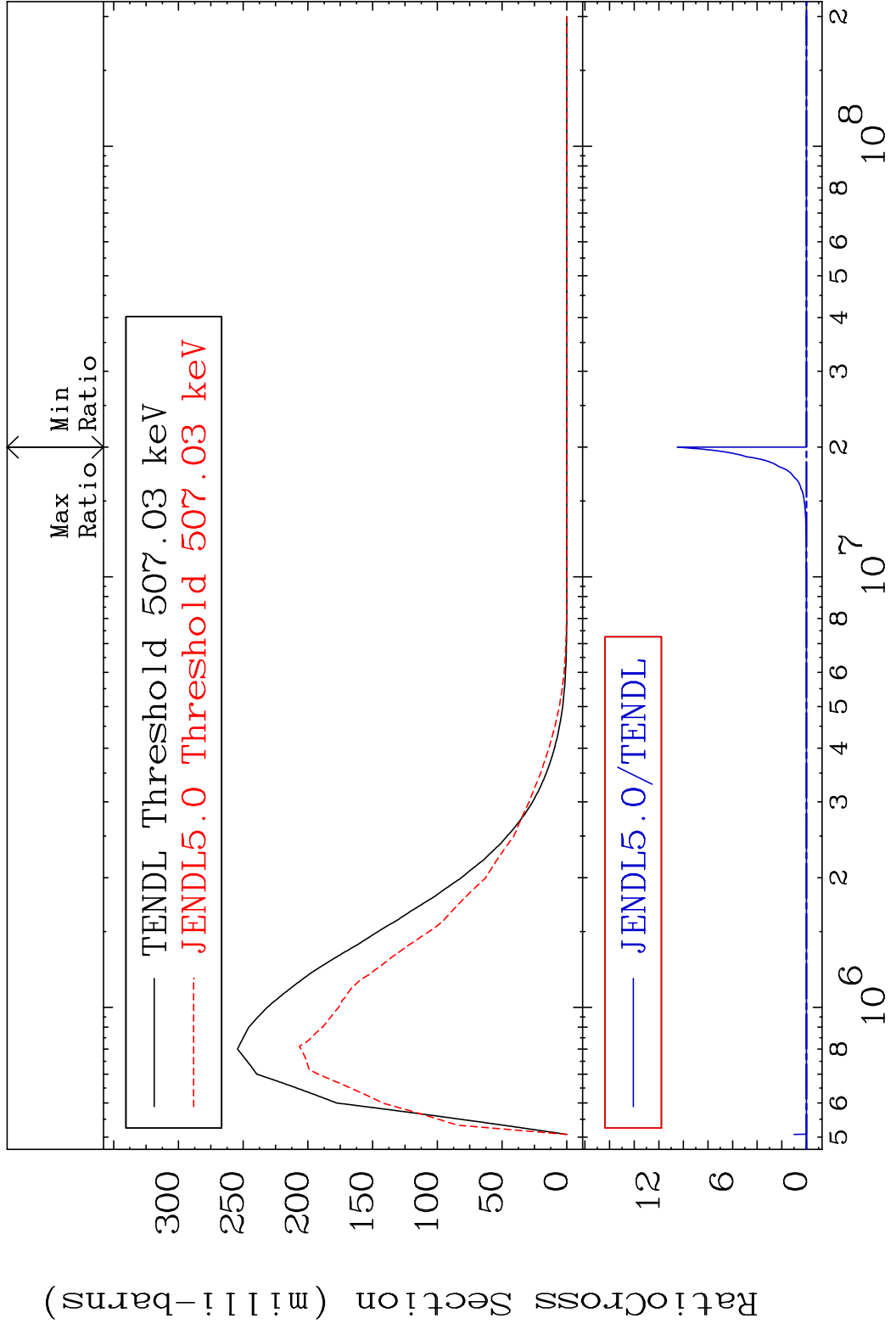
MAT 3228 MT= 51 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



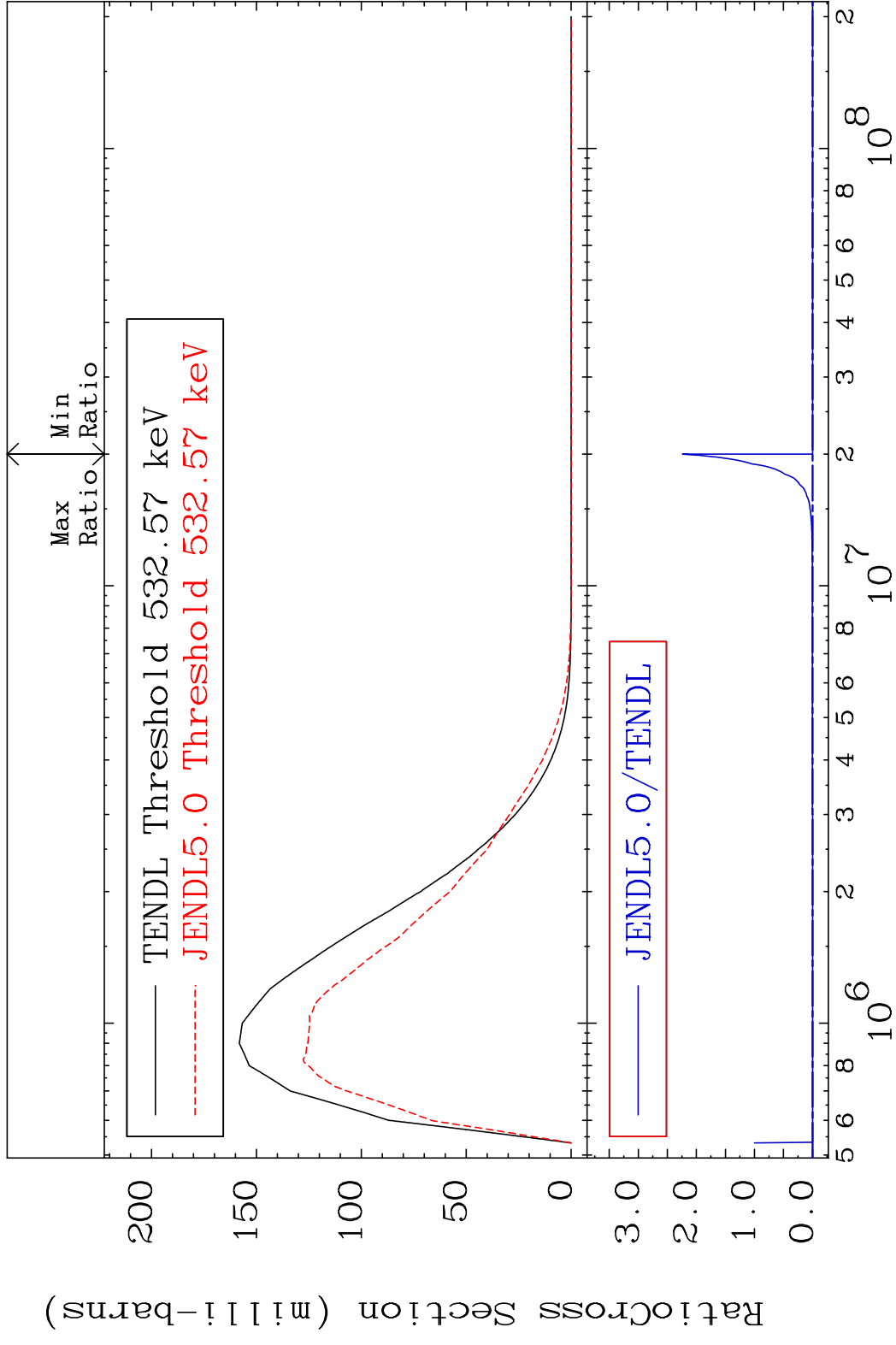
MAT 3228 MT= 52 (n,n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



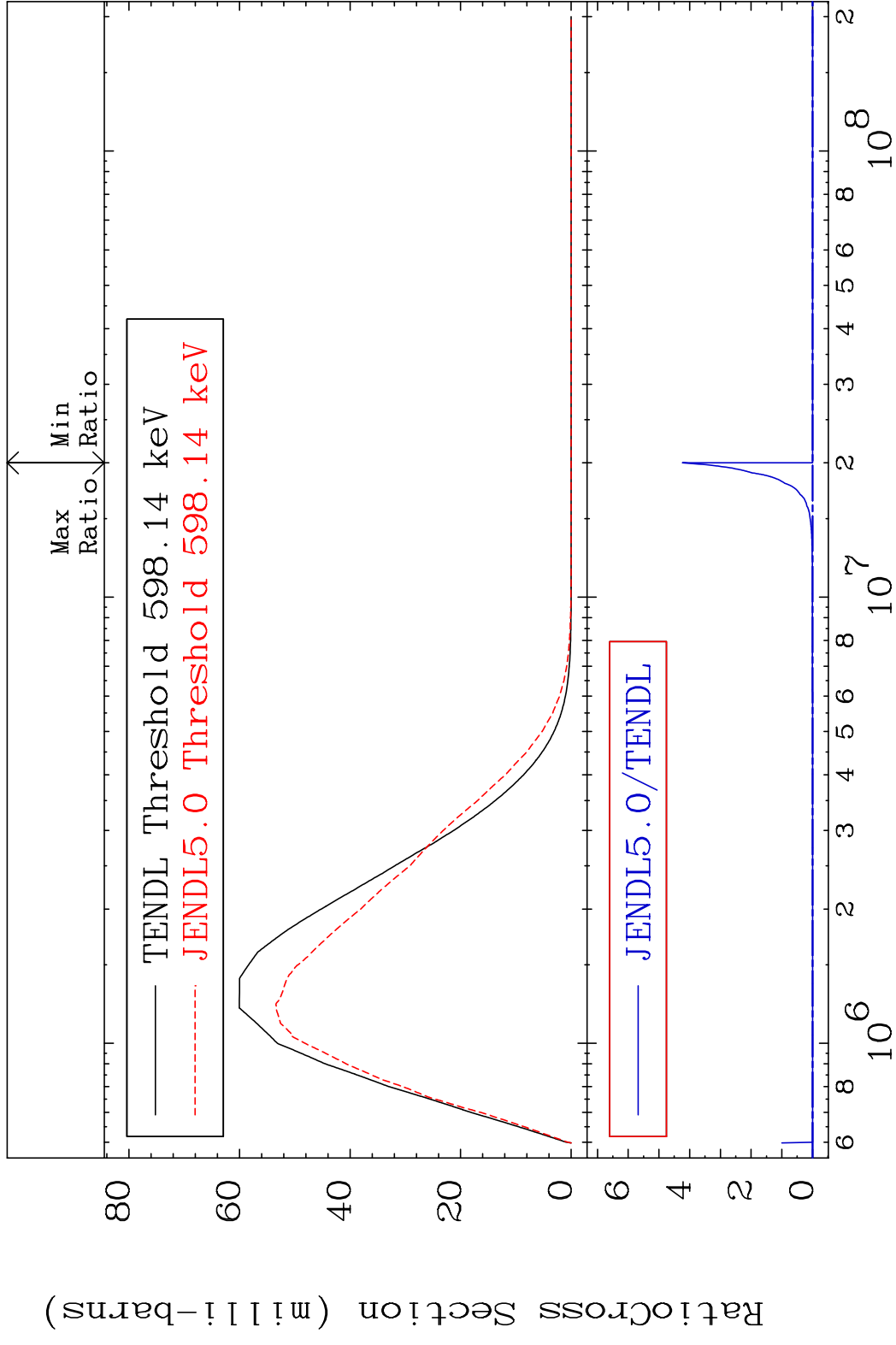
MAT 3228 MT= 53 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



MAT 3228 MT= 54 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

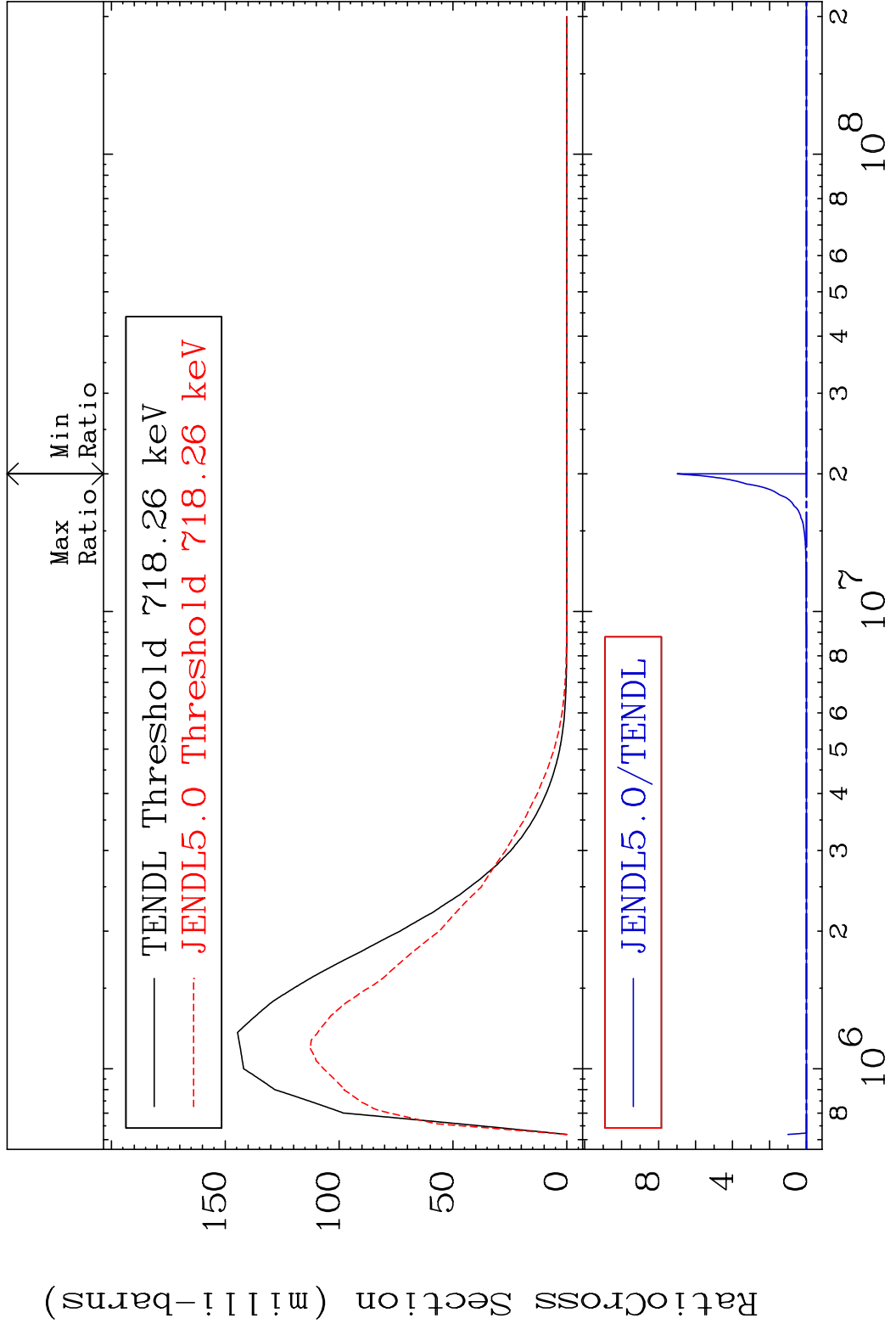


MAT 3228 MT= 55 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

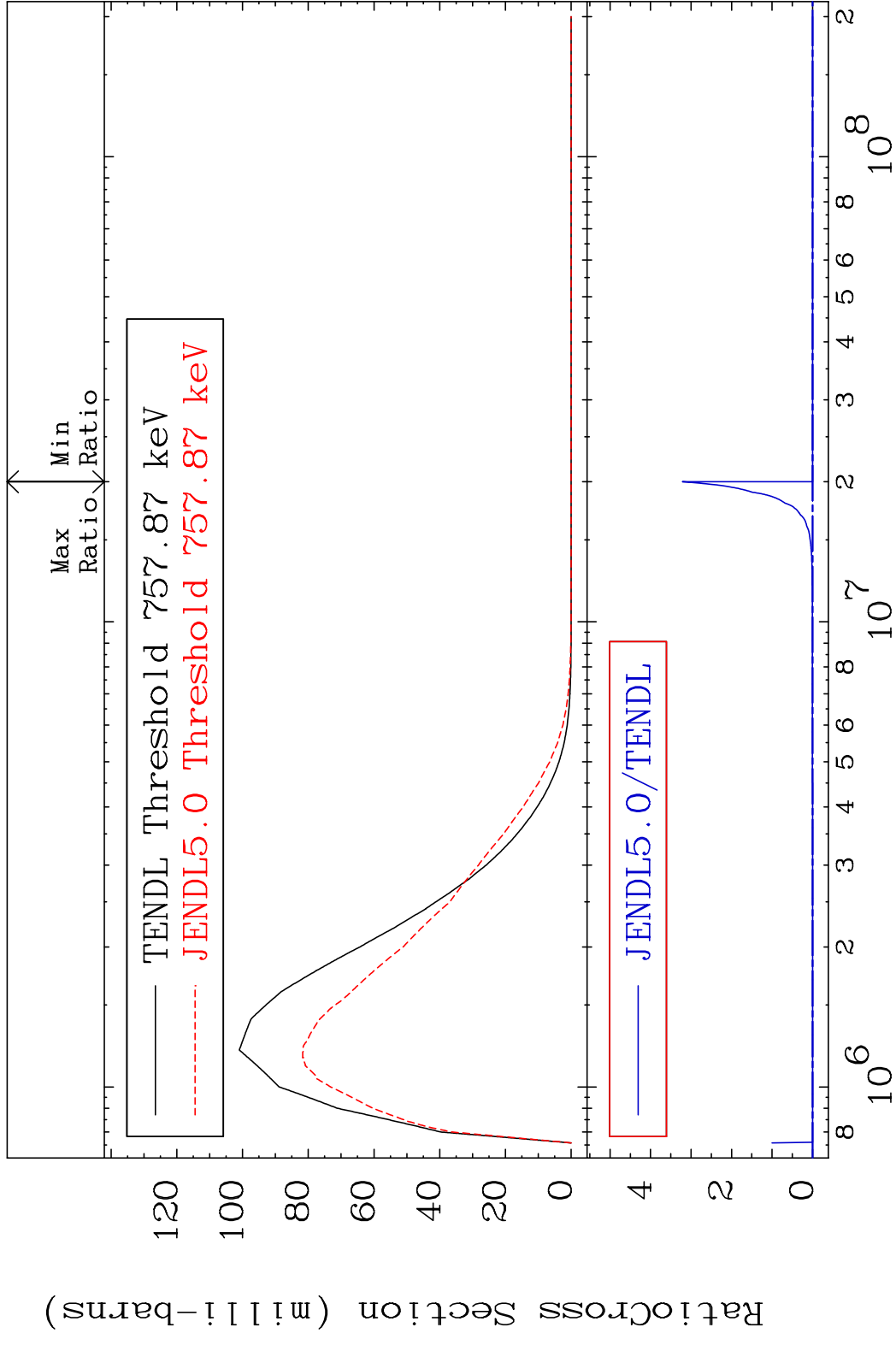


16 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 56 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

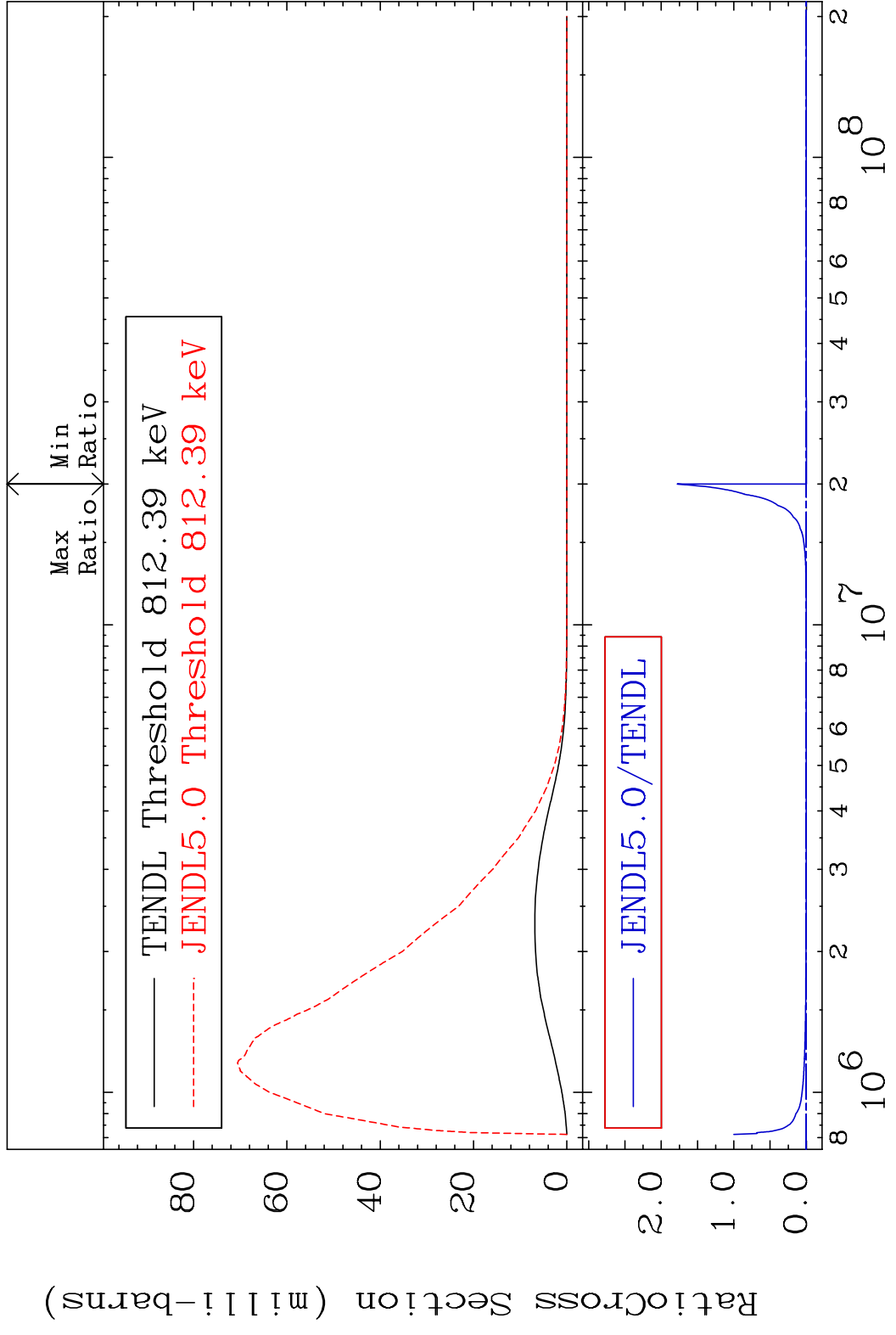


MAT 3228 MT= 57 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

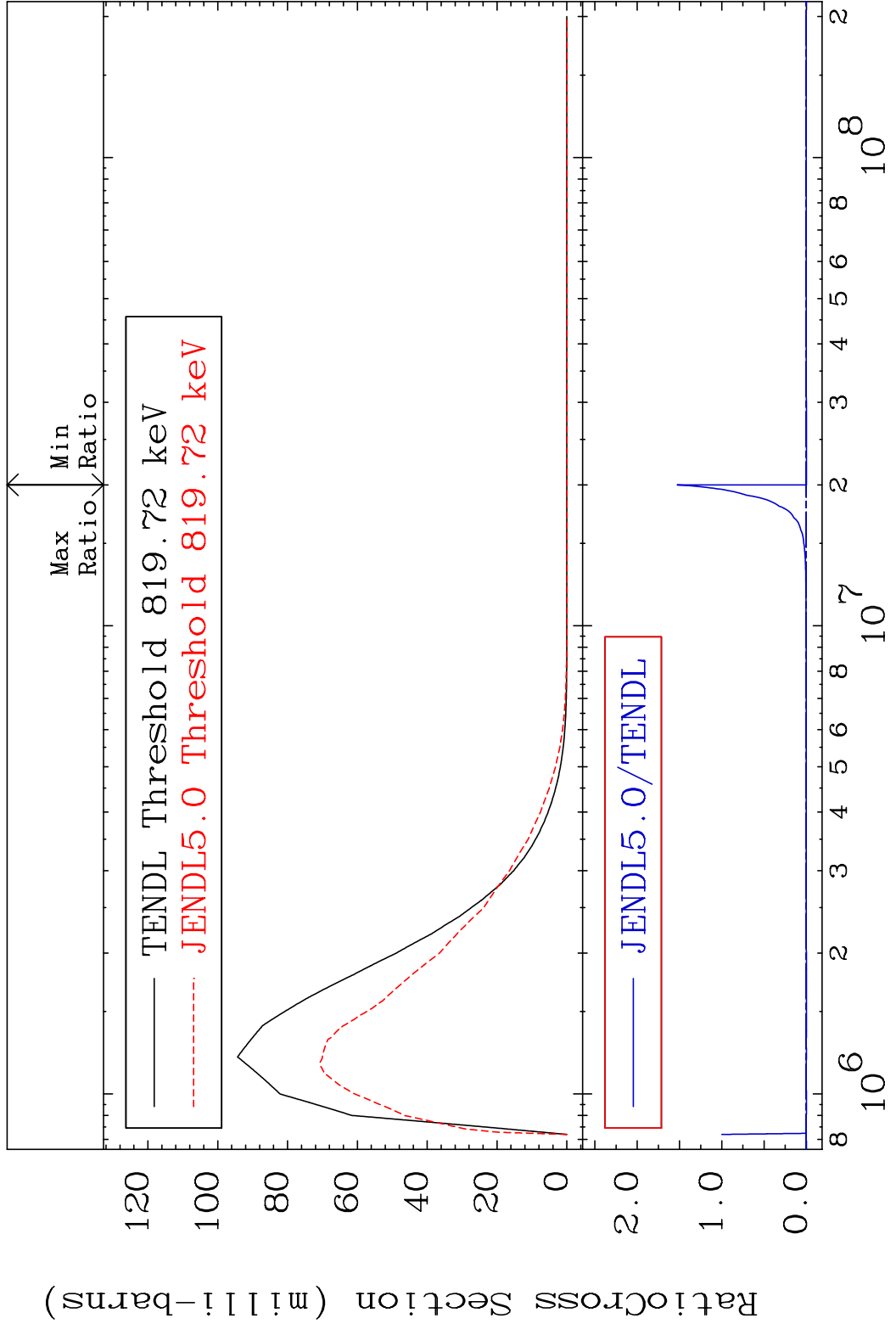


18 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 58 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

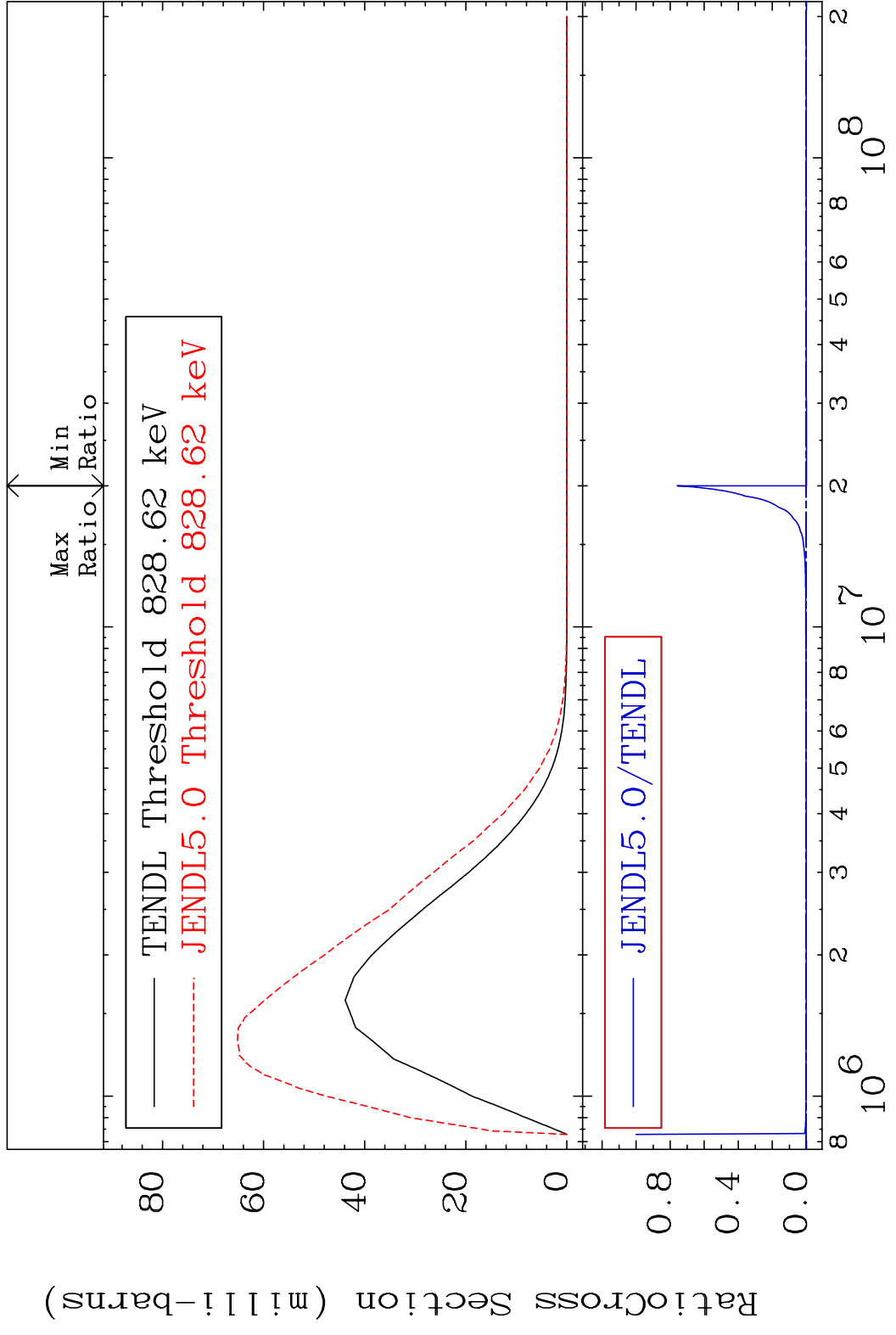


MAT 3228 MT= 59 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

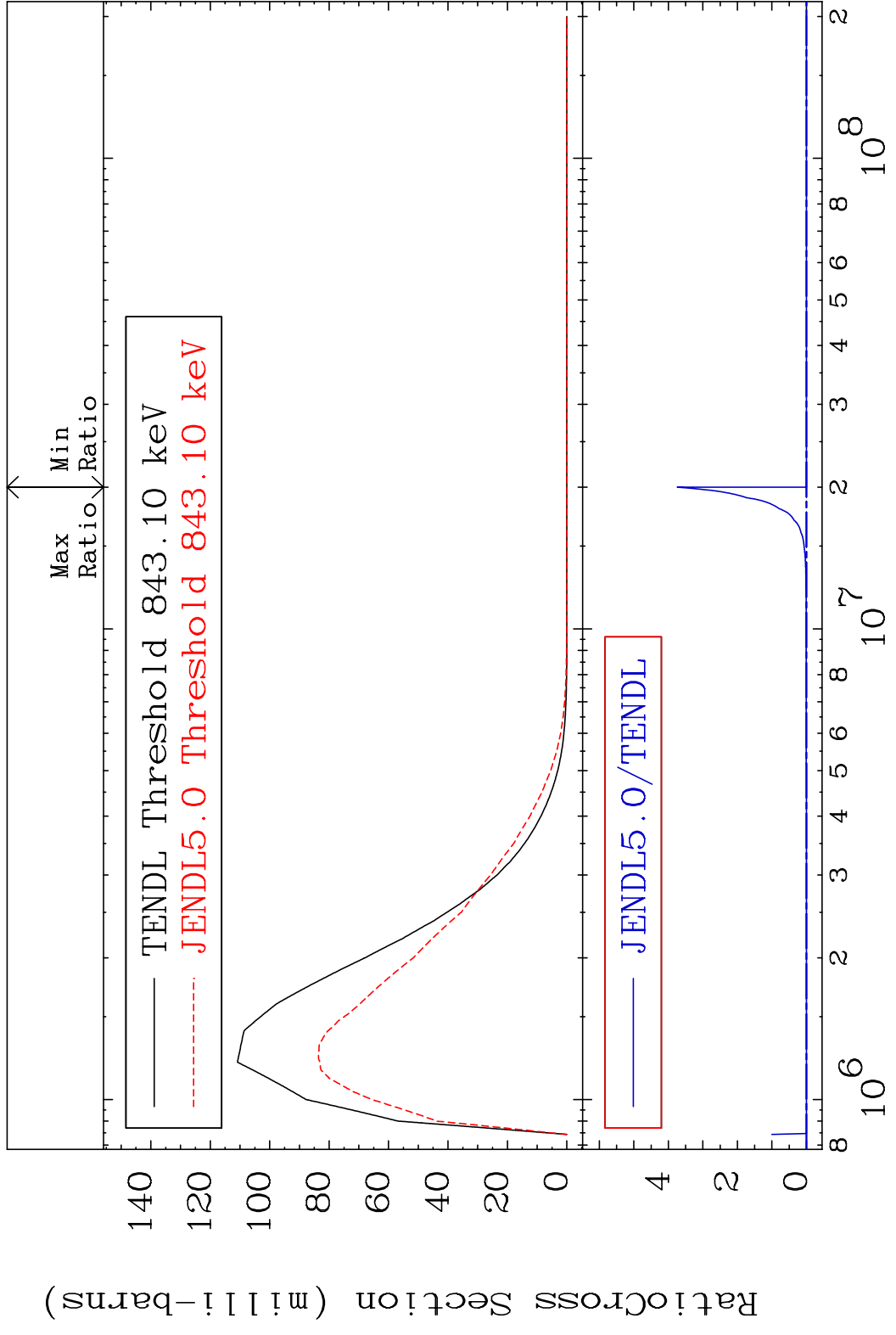


20 Incident Energy (eV) 32-Ge-71

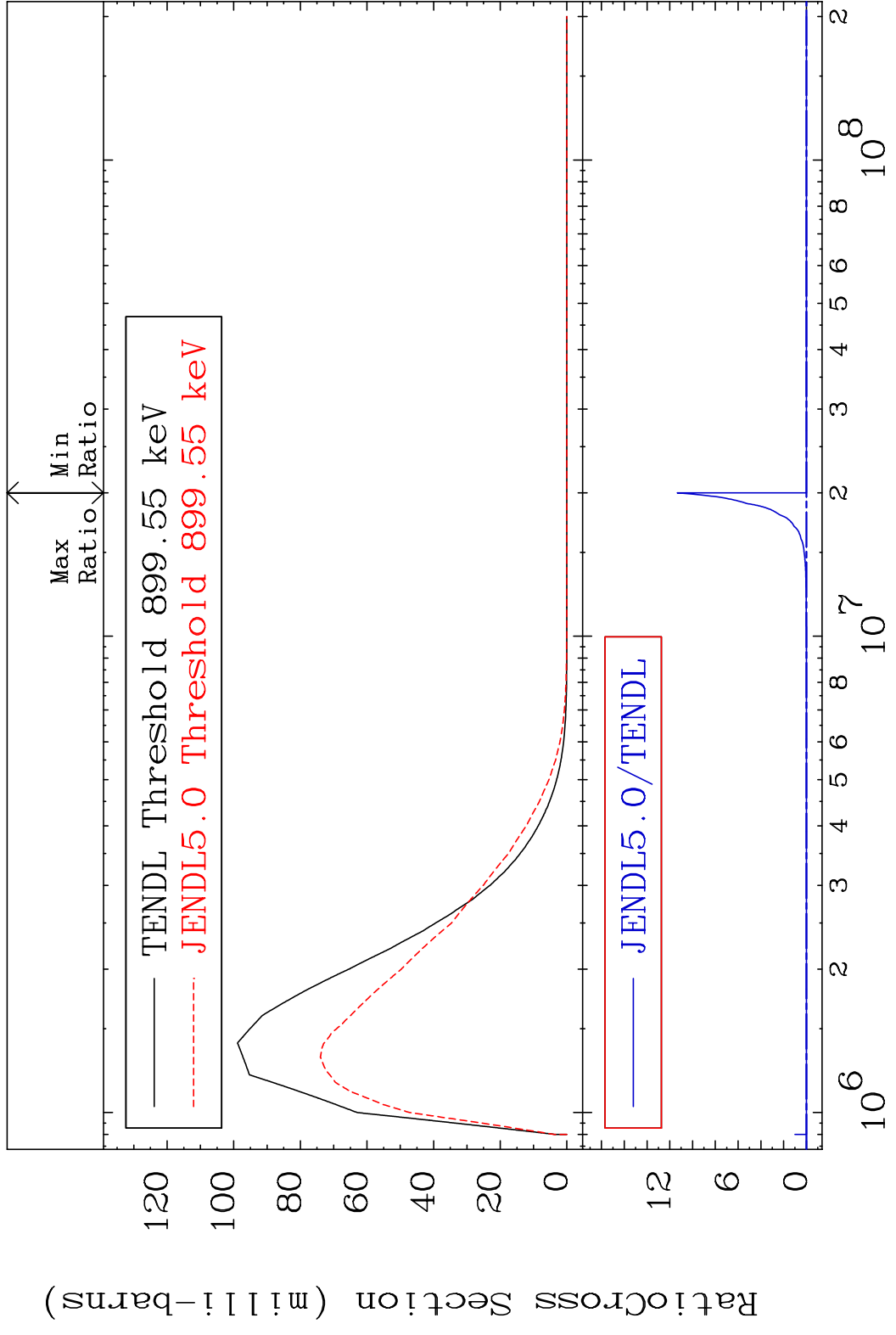
MAT 3228 MT= 60 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



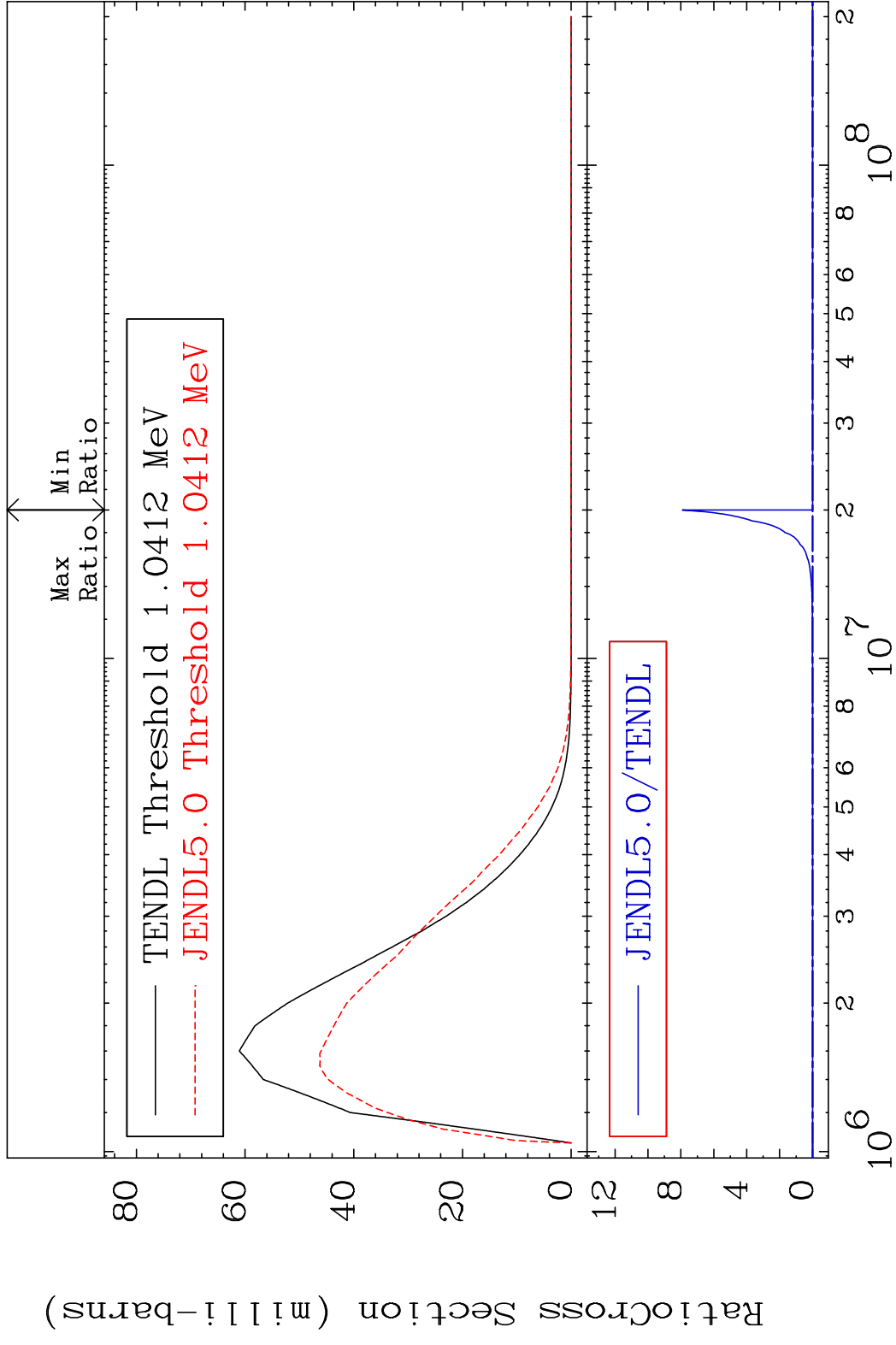
MAT 3228 MT= 61 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



MAT 3228 MT= 62 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

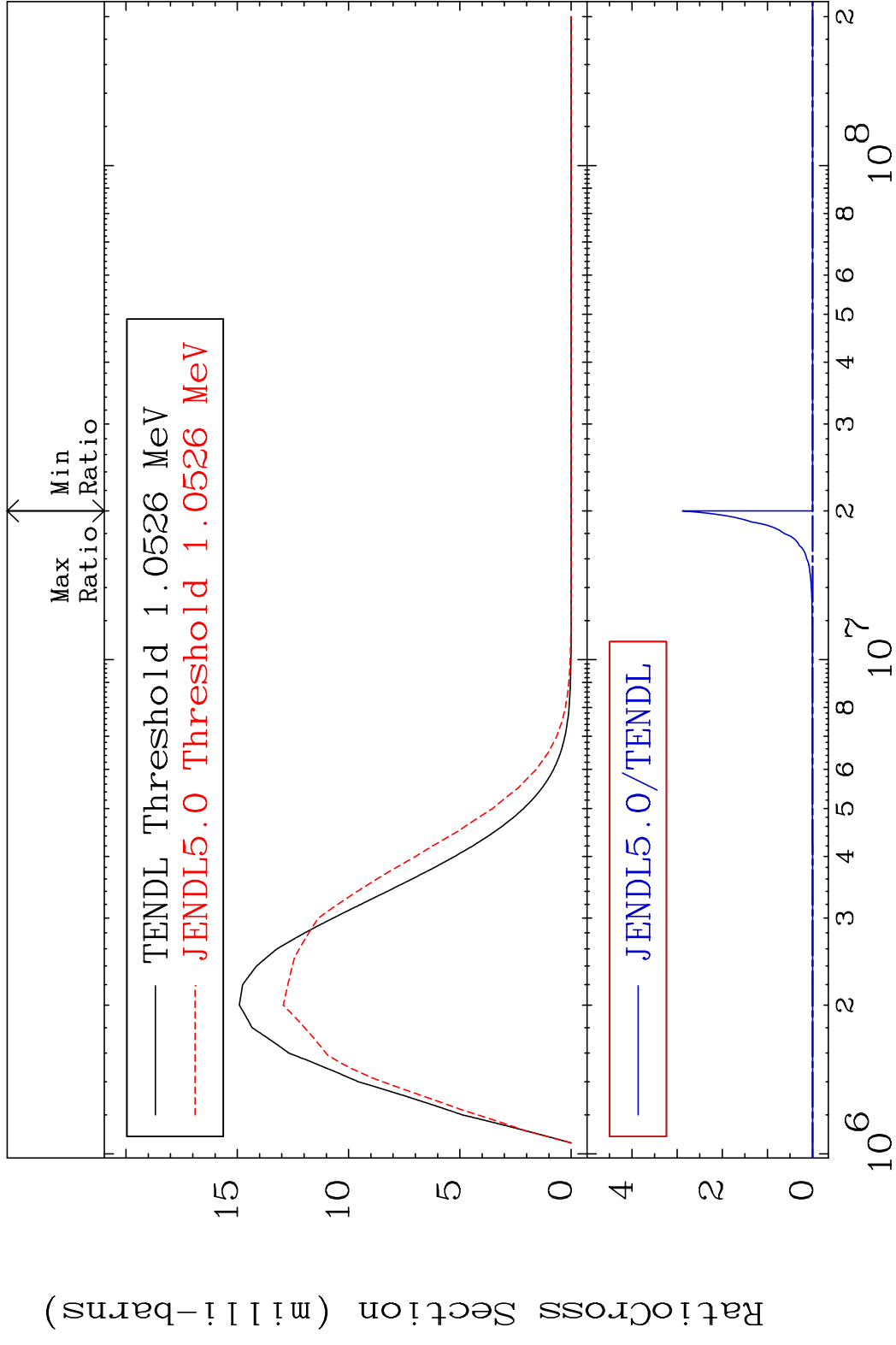


MAT 3228 MT= 63 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



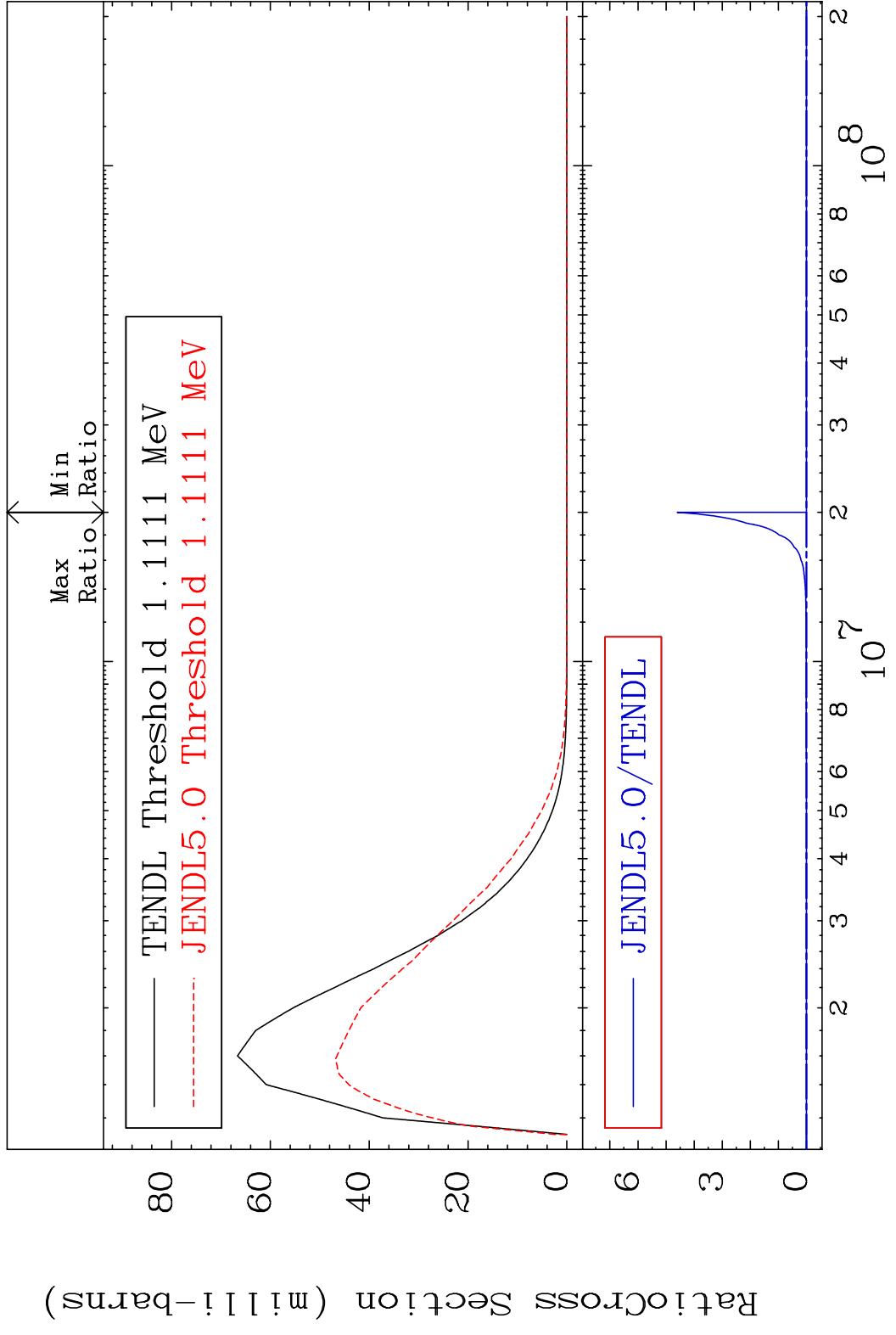
24 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 64 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

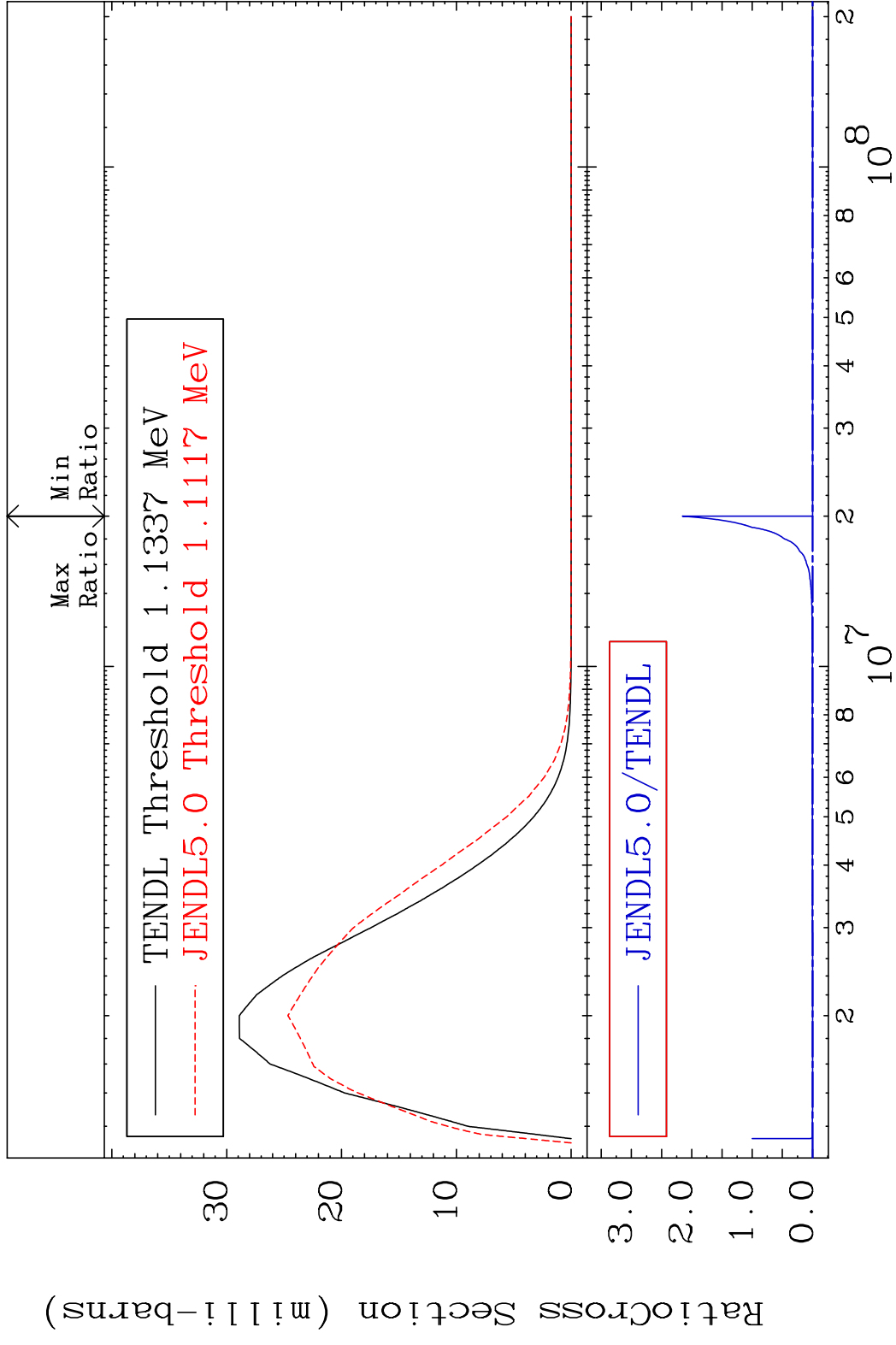


25 32-Ge-71

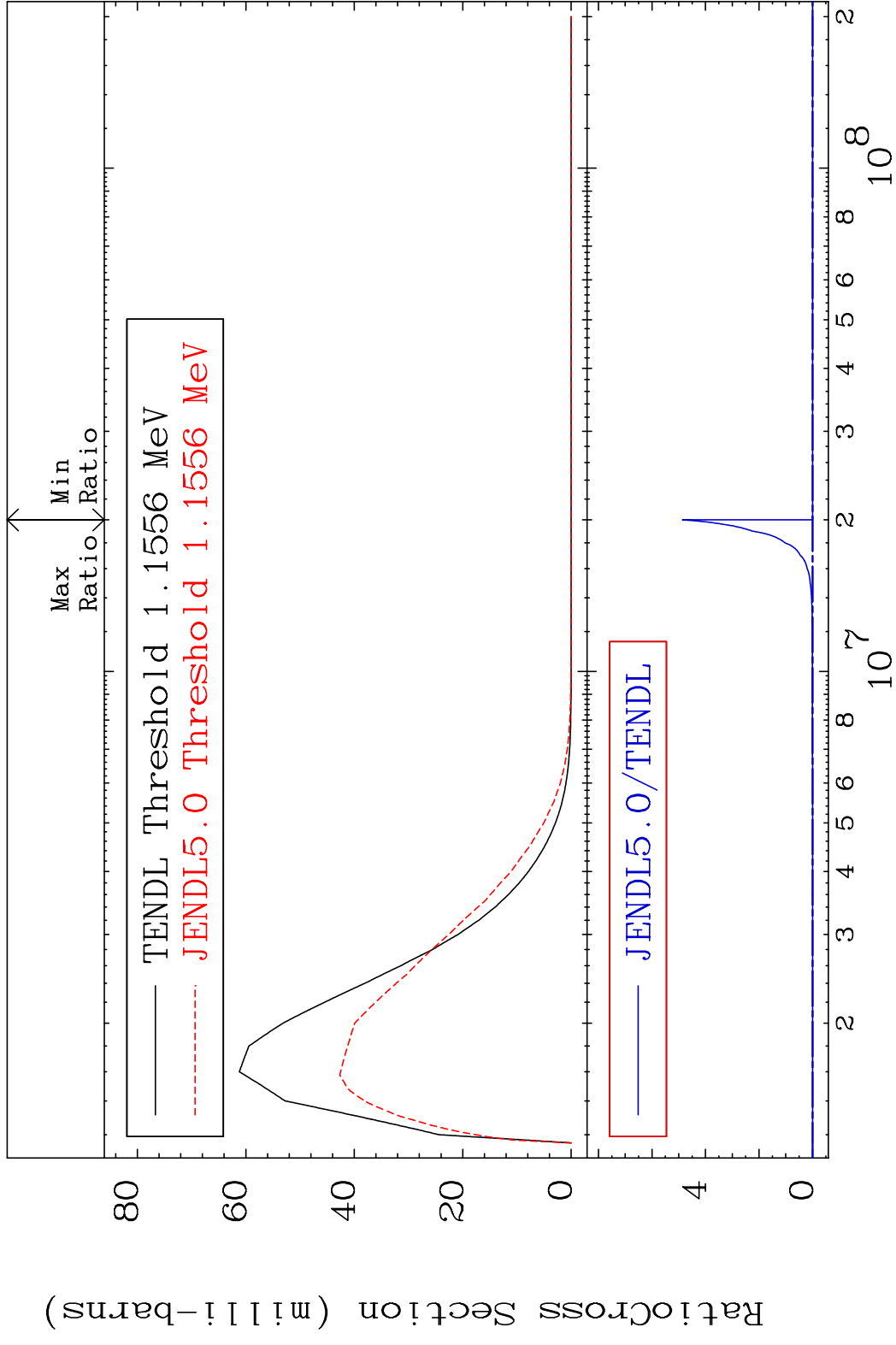
MAT 3228 MT= 65 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



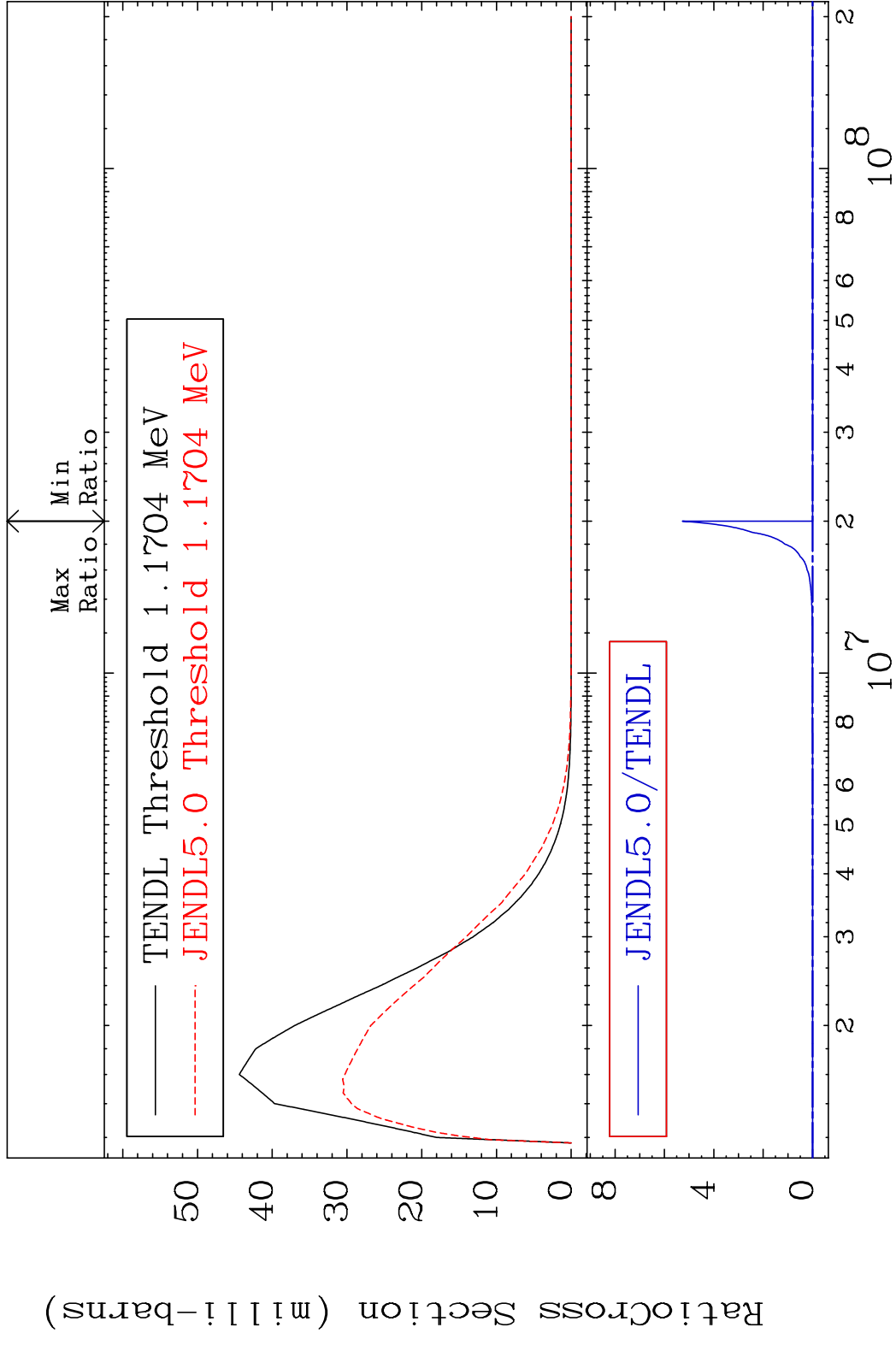
MAT 3228 MT= 66 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



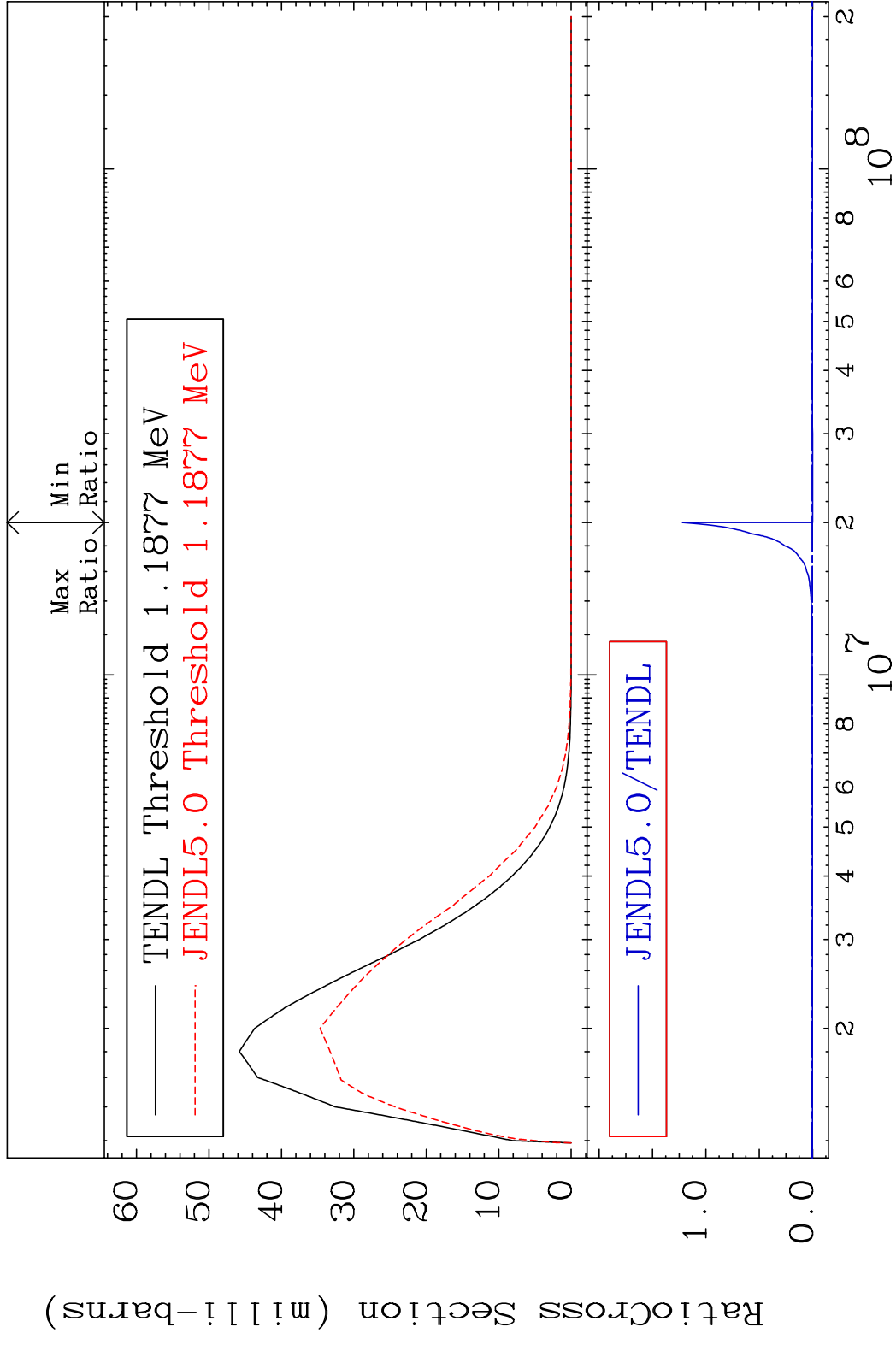
MAT 3228 MT= 67 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



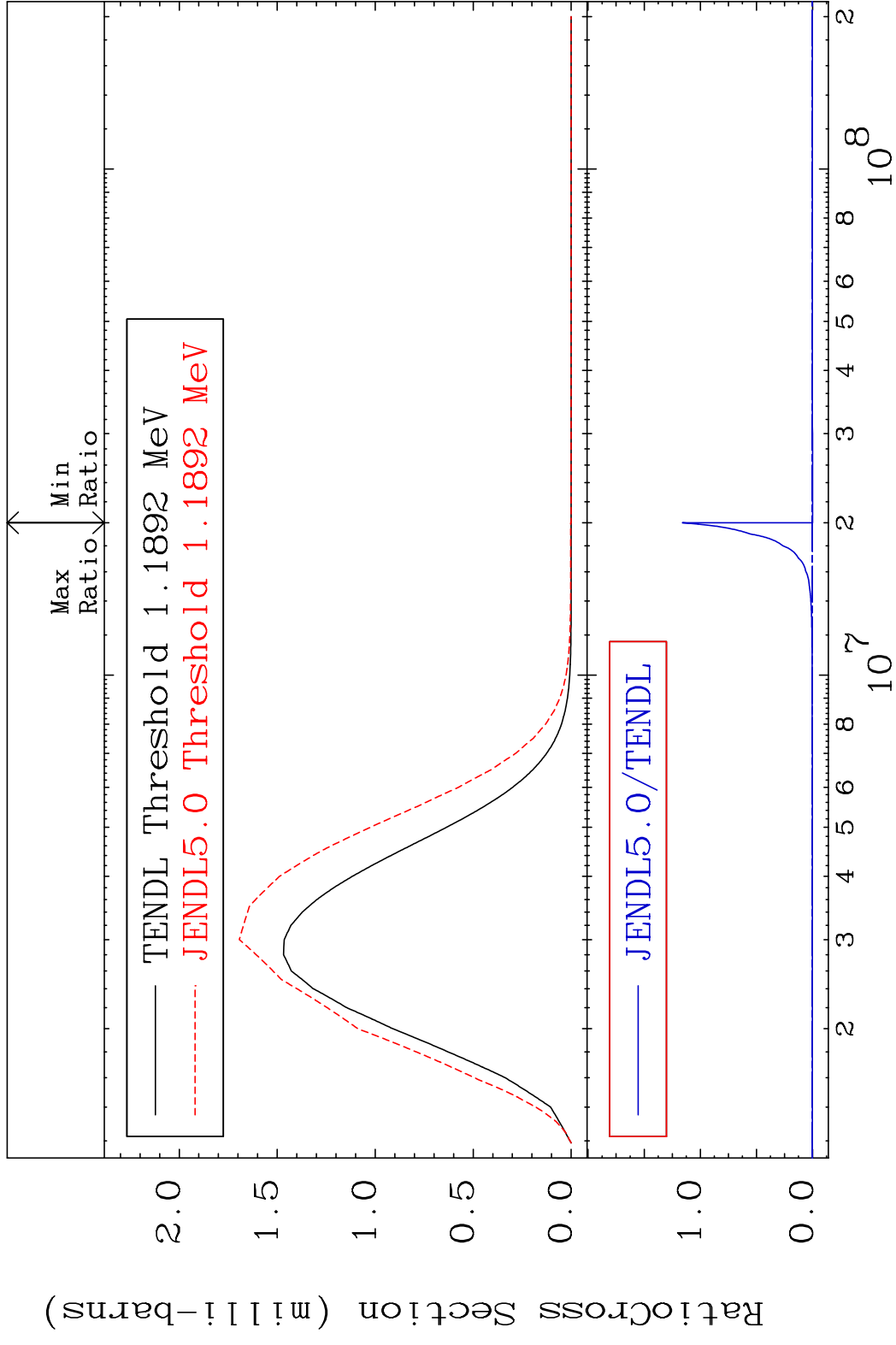
MAT 3228 MT= 68 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



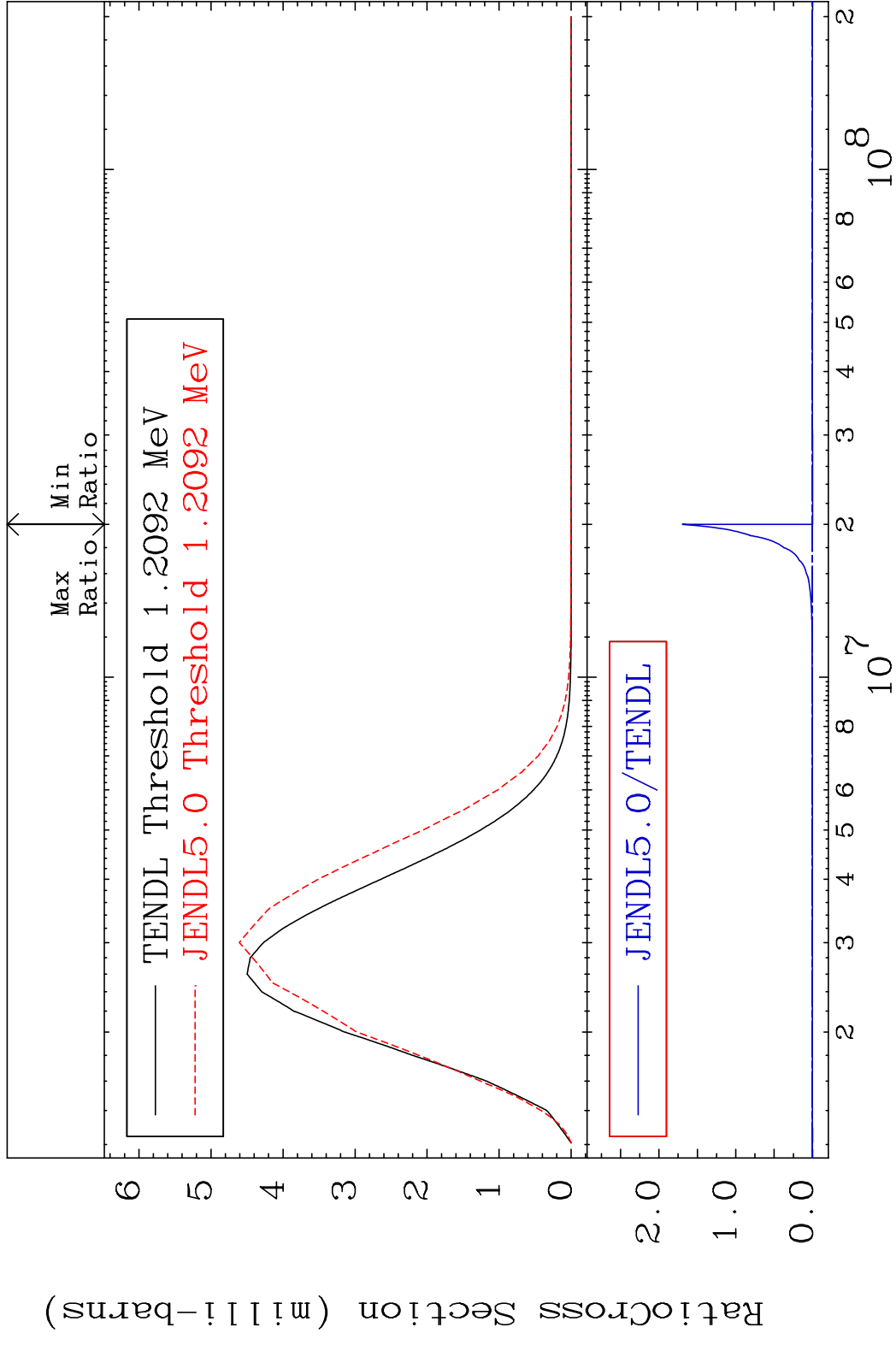
MAT 3228 MT= 69 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



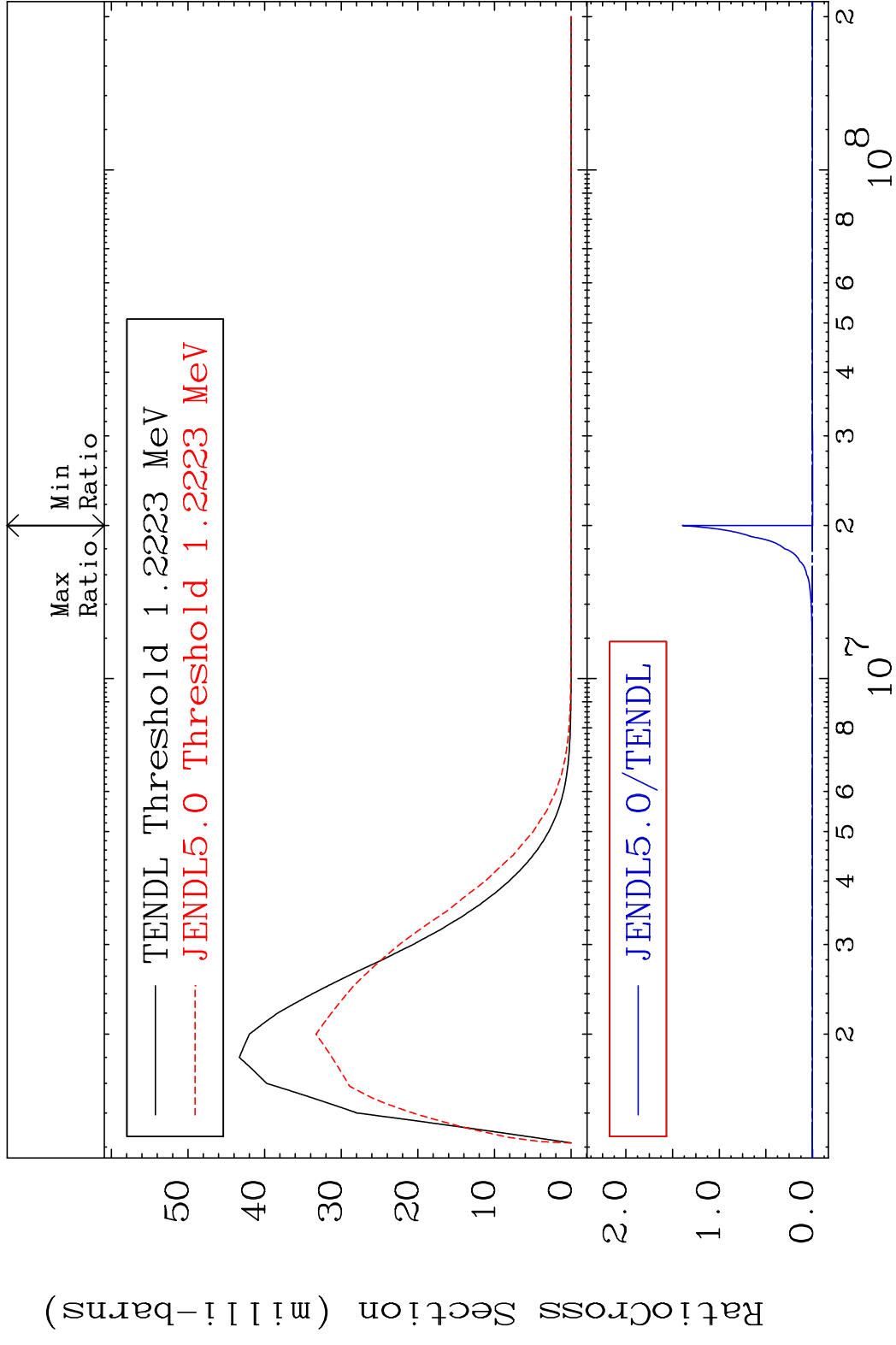
MAT 3228 MT= 70 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



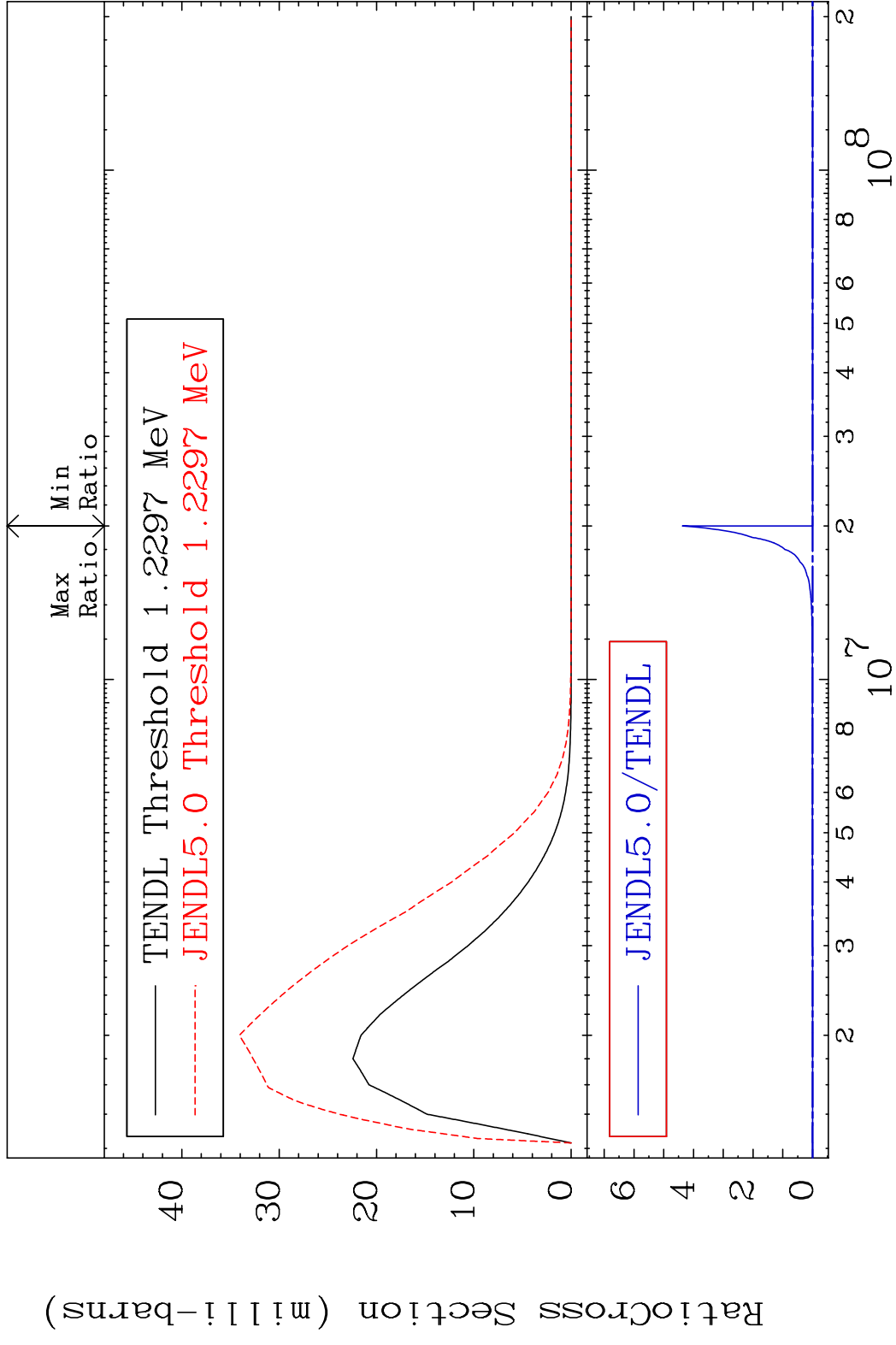
MAT 3228 MT= 71 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



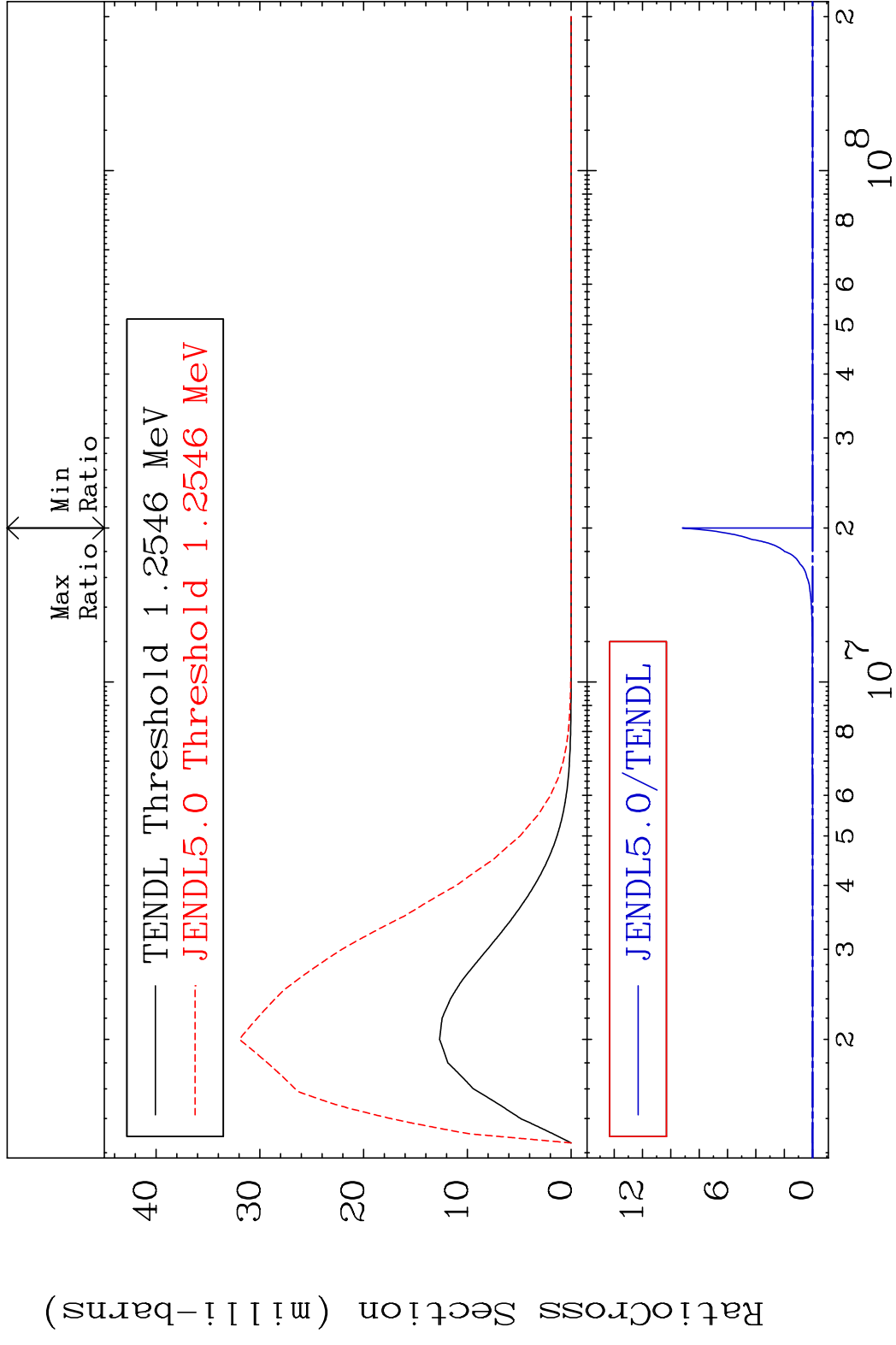
MAT 3228 MT= 72 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



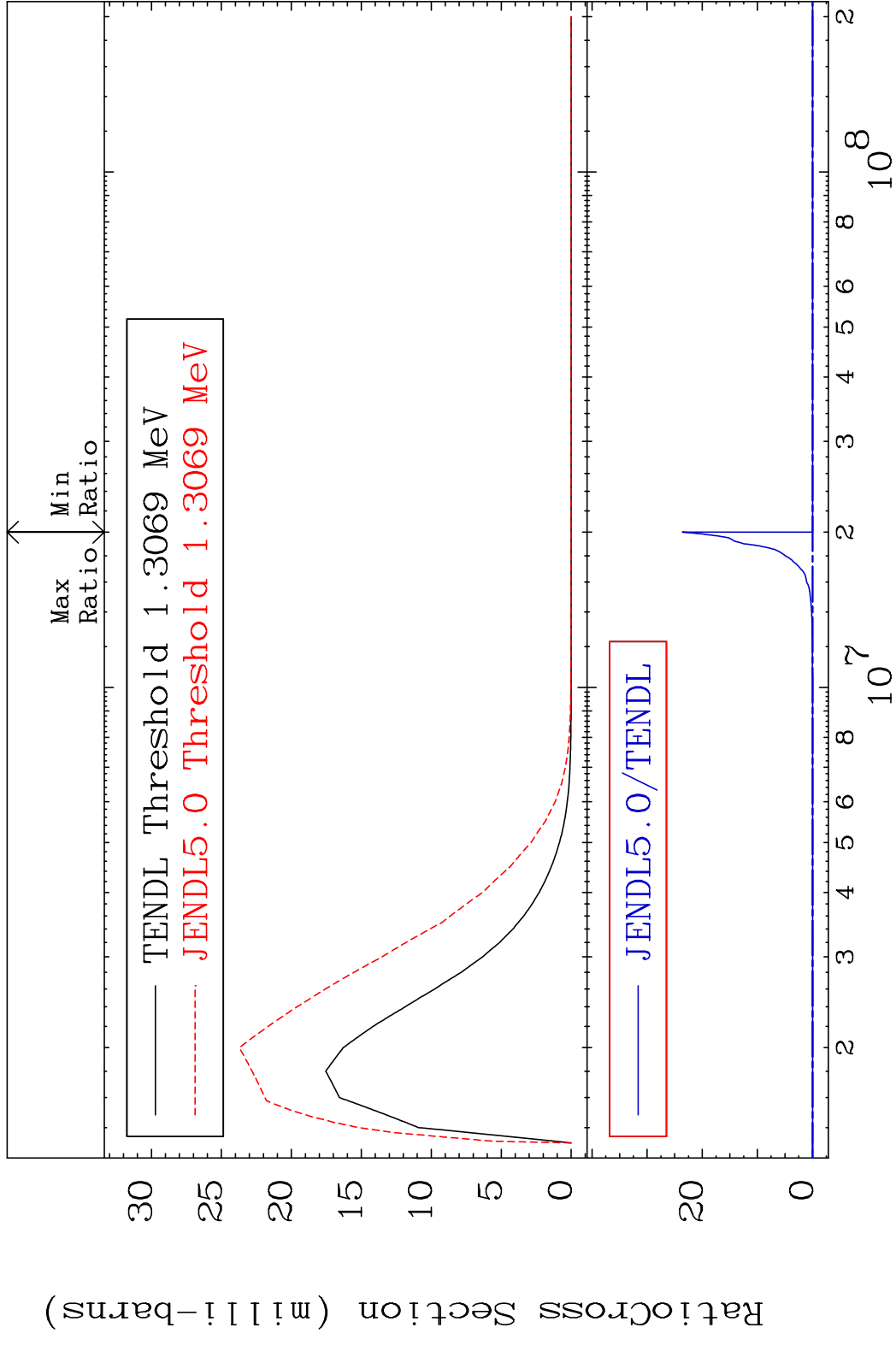
MAT 3228 MT= 73 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



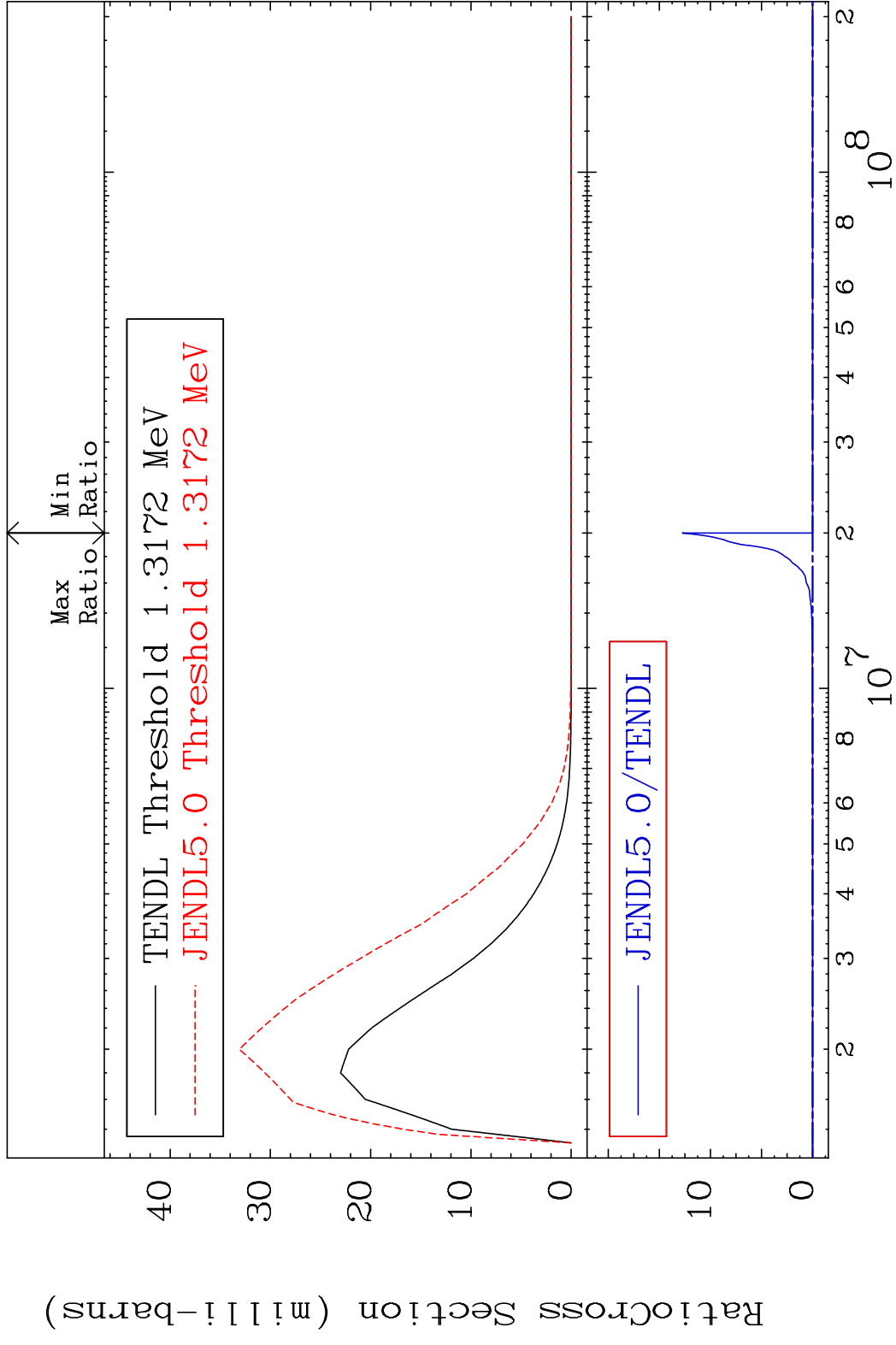
MAT 3228 MT= 74 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



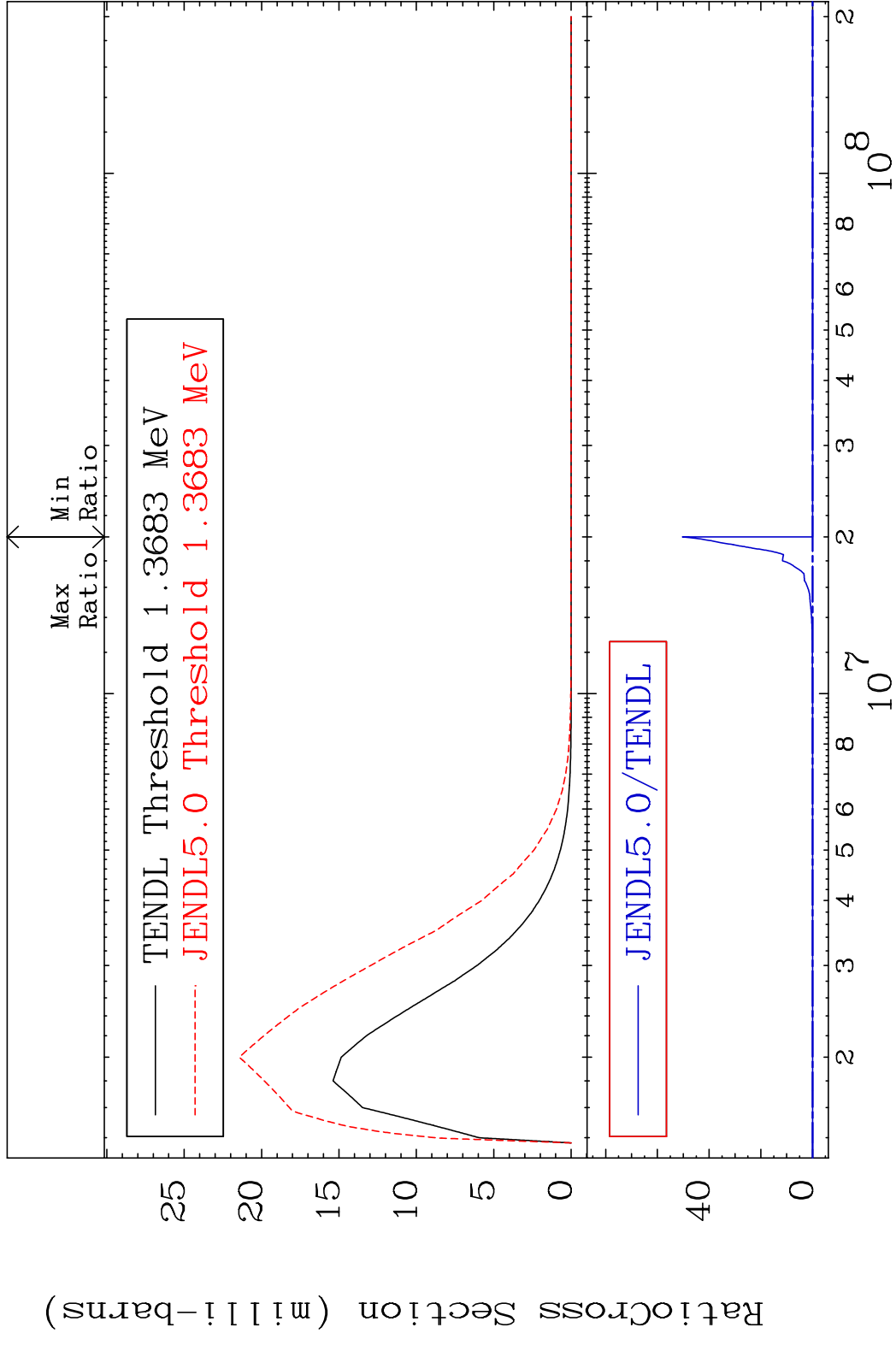
MAT 3228 MT= 75 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



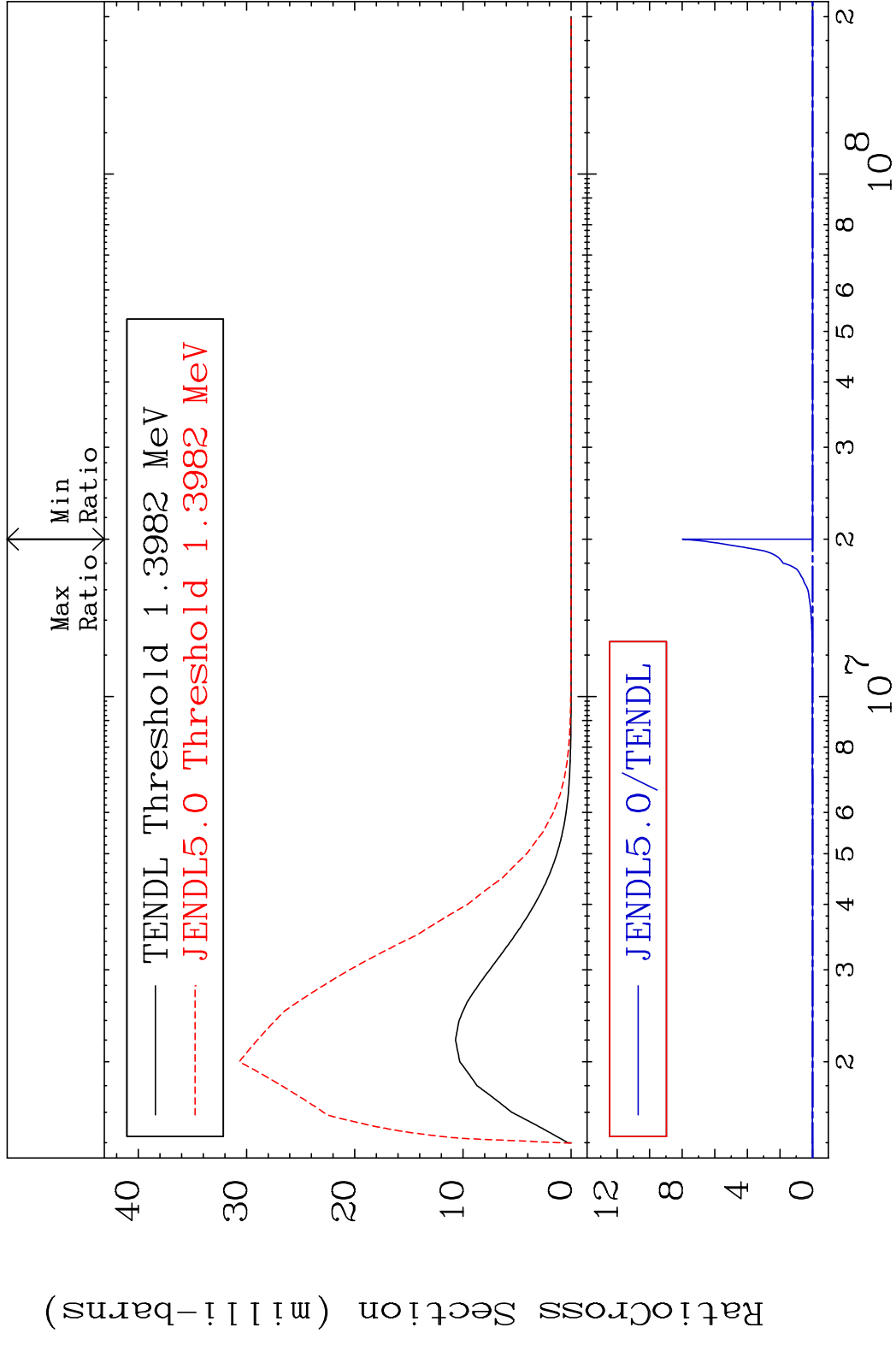
MAT 3228 MT= 76 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



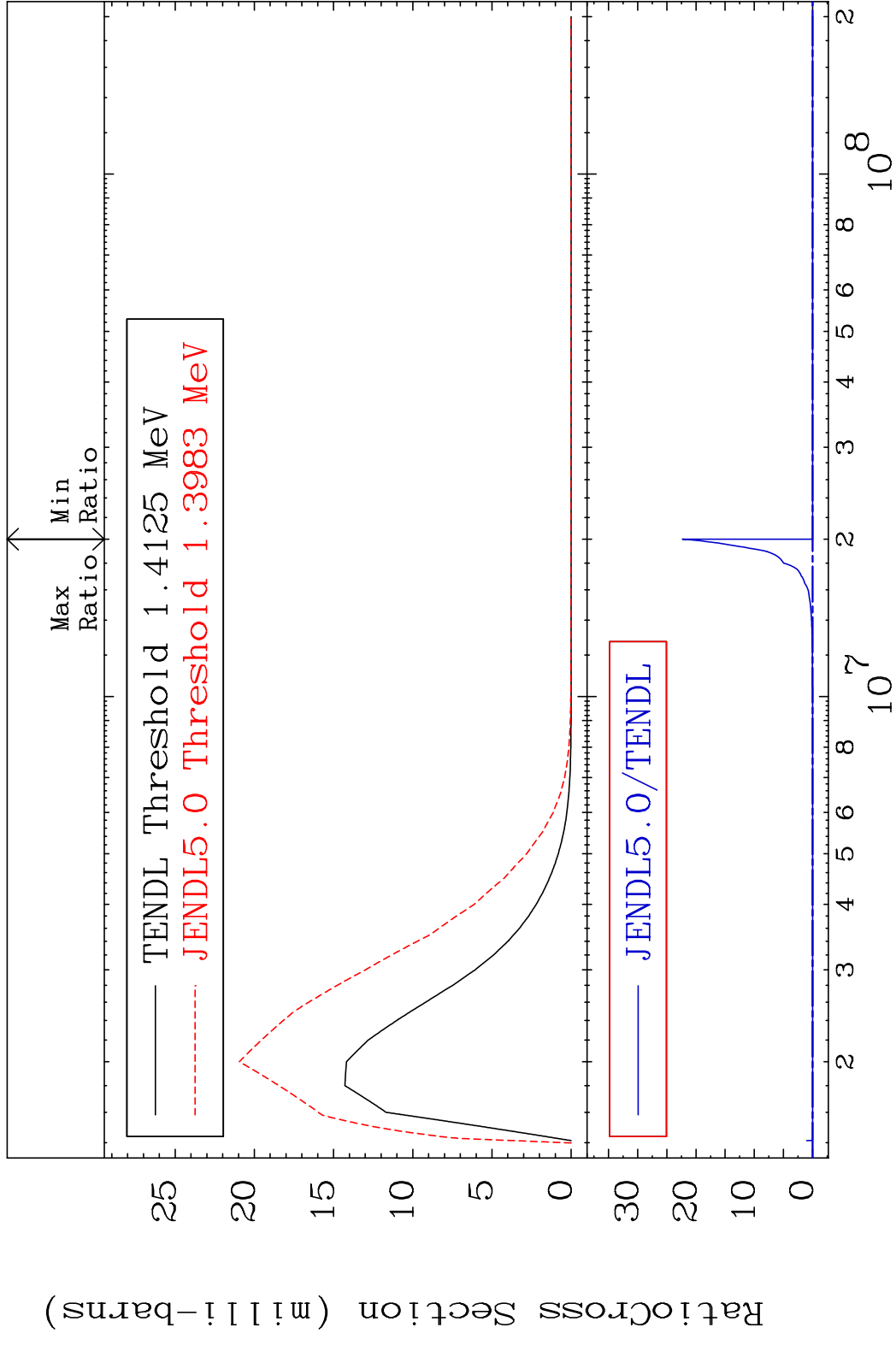
MAT 3228 MT= 77 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



MAT 3228 MT= 78 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

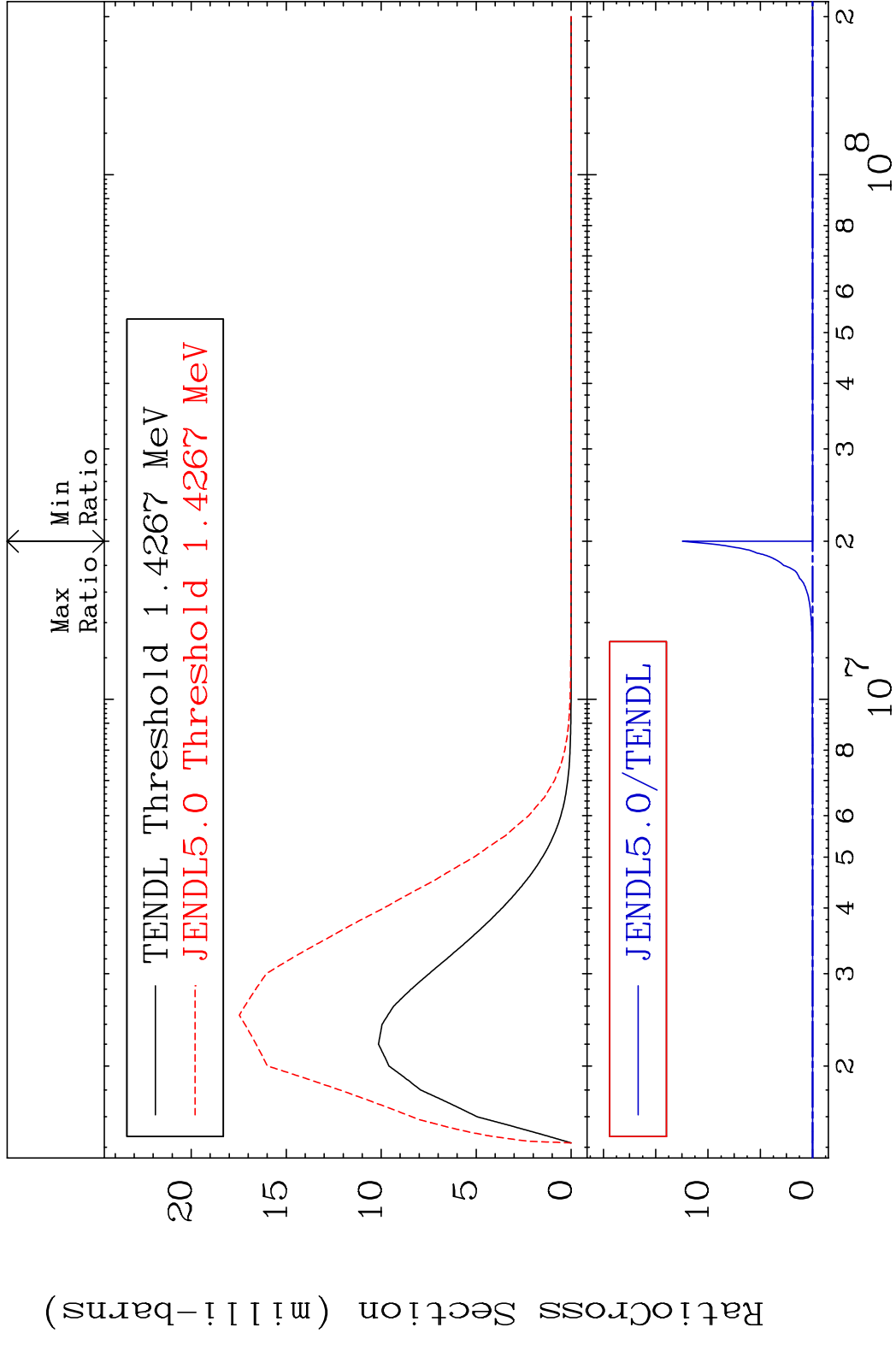


MAT 3228 MT= 79 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %

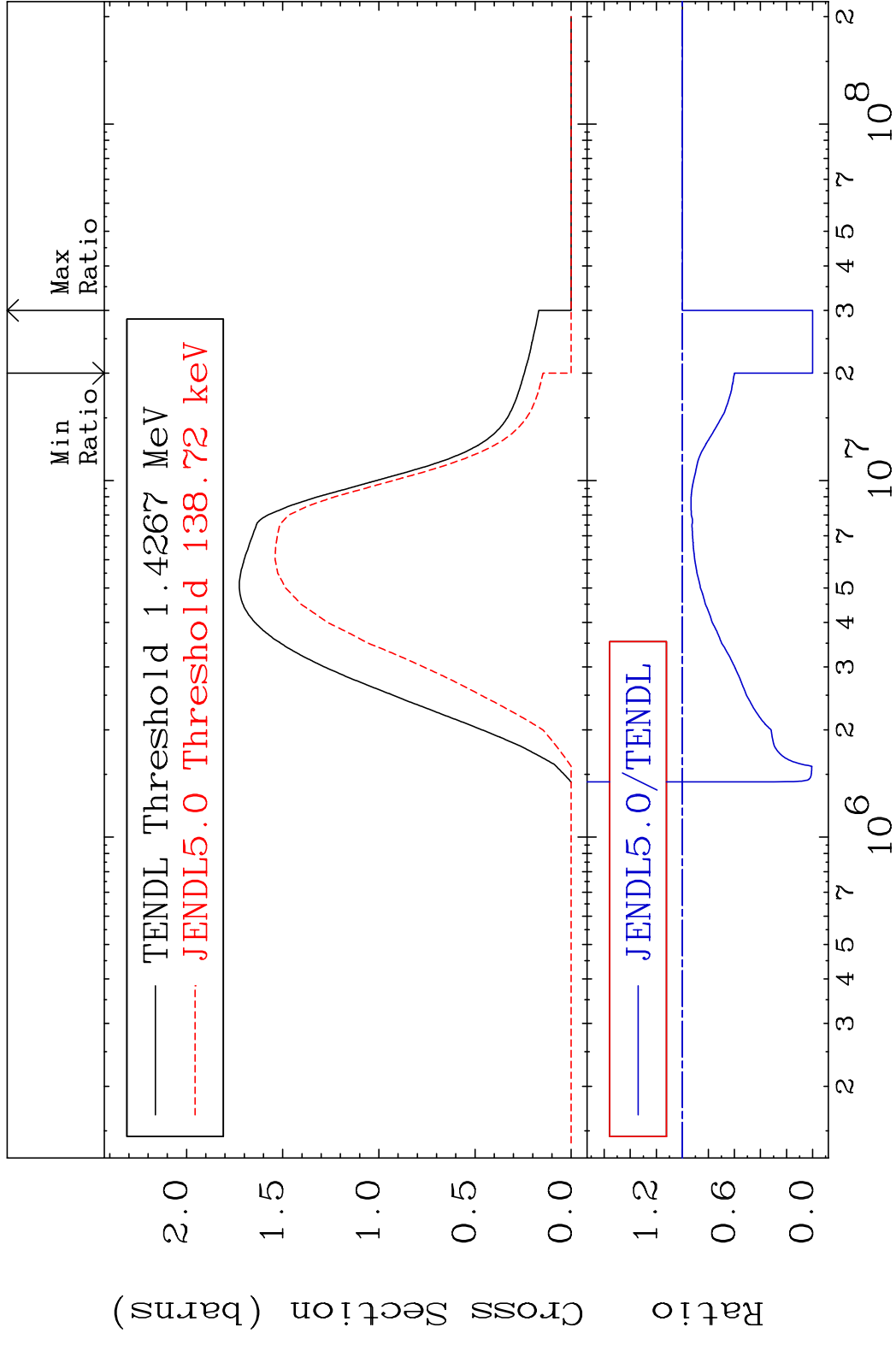


40 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 80 (n, n') Level 32-Ge-71  
 Cross Section -100.0 To 9999. %



MAT 3228 (n, n') Continuum 32-Ge-71  
 Cross Section -100.0 To 0.000 %

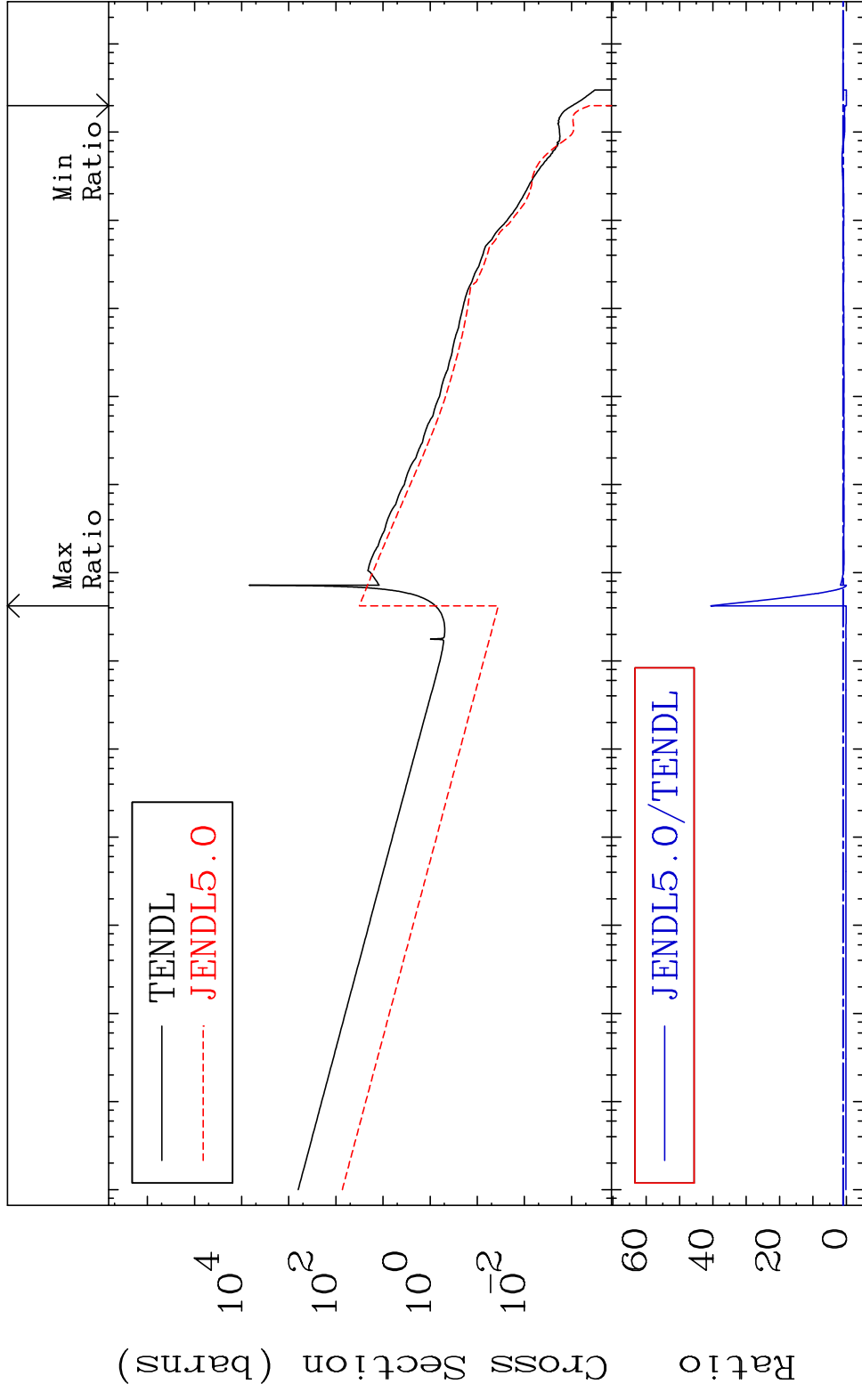


MAT 3228

(n,  $\gamma$ )

32-Ge-71

Cross Section -100.0 To 3965. %



43

Incident Energy (eV)

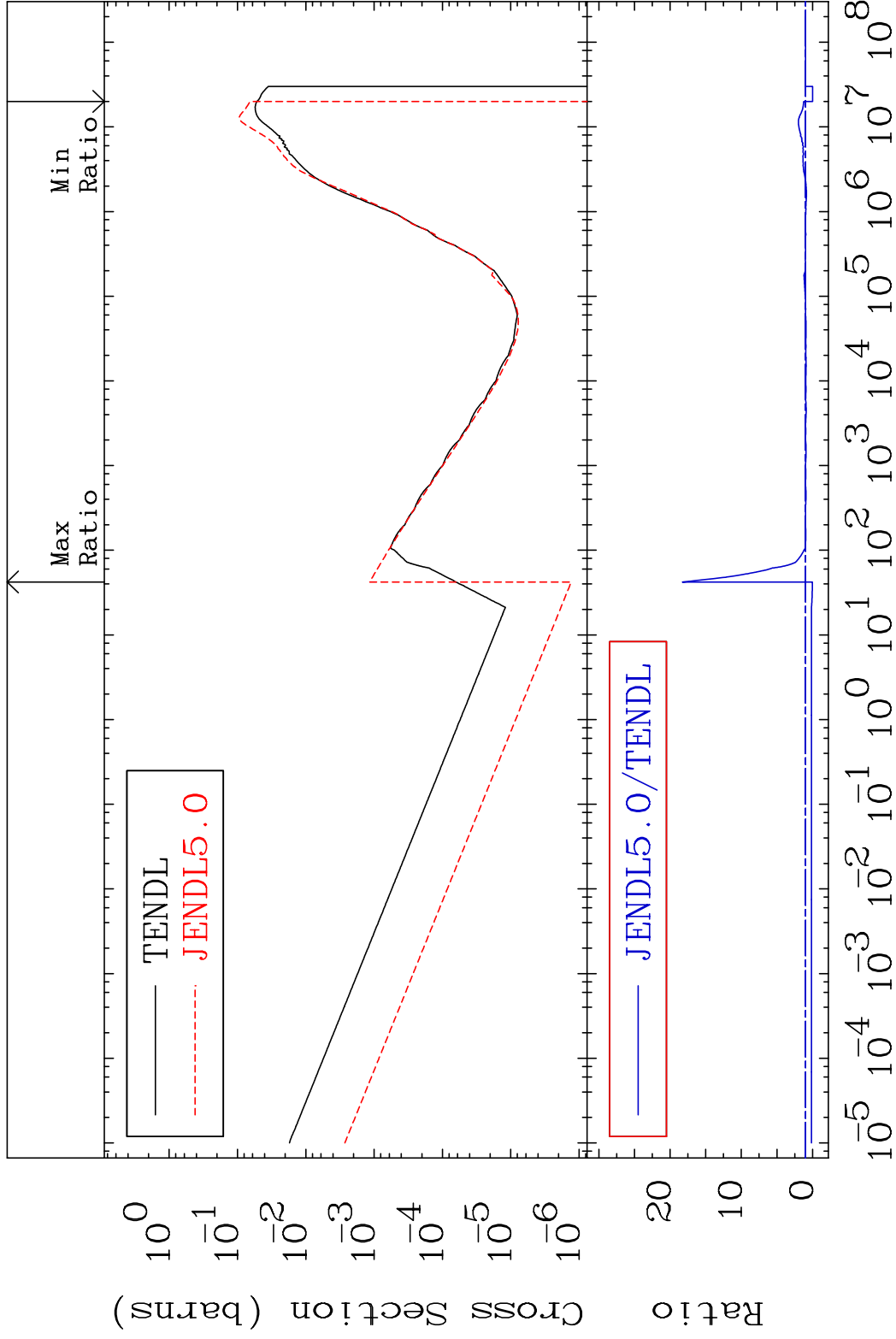
32-Ge-71

MAT 3228

(n, p)

32-Ge-71

Cross Section -100.0 To 1728. %

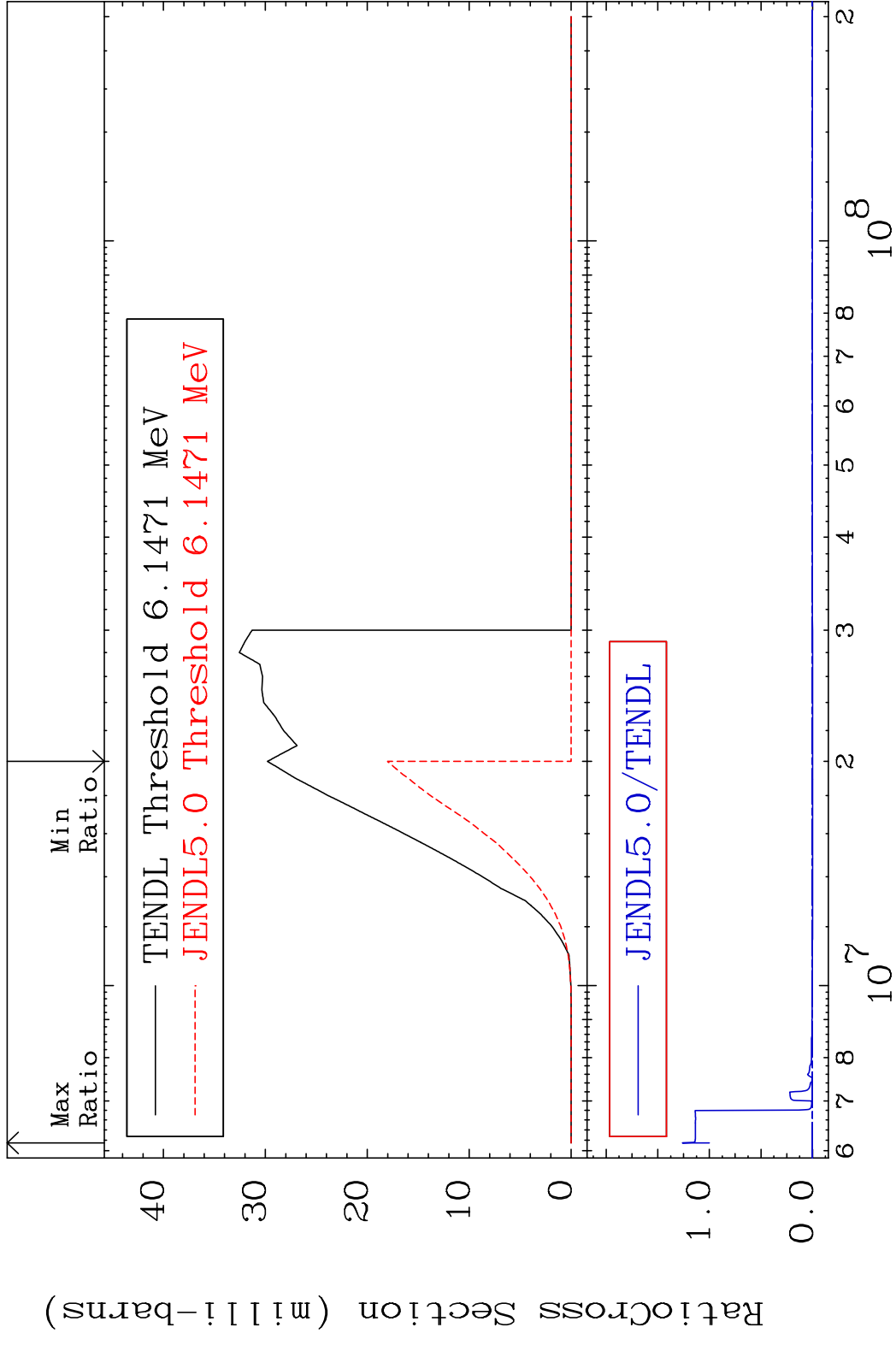


44

Incident Energy (eV)

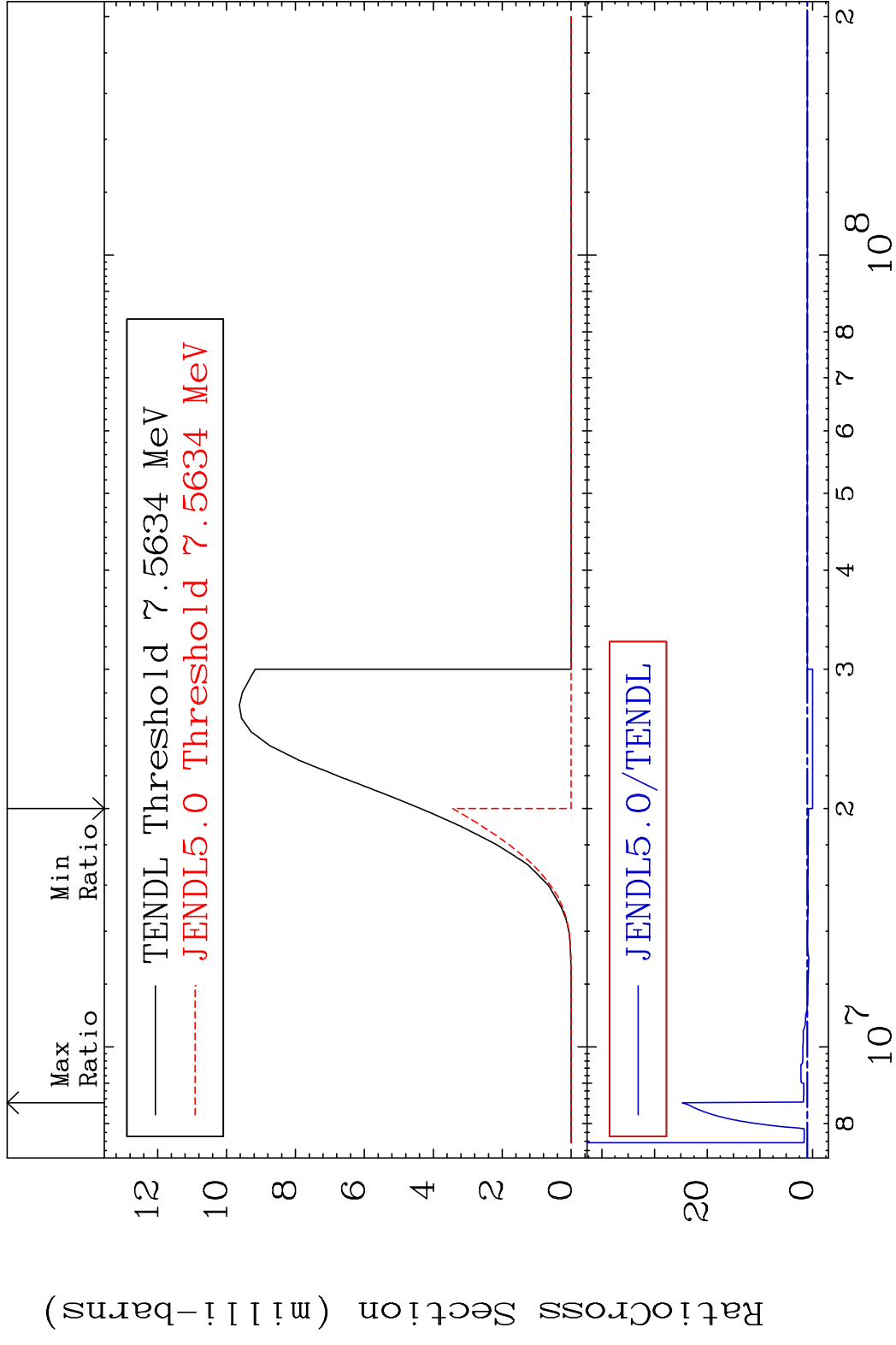
32-Ge-71

MAT 3228 (n,d) 32-Ge-71  
 Cross Section -100.0 To 9999. %



45 32-Ge-71

MAT 3228 (n, t) 32-Ge-71  
 Cross Section -100.0 To 2371. %

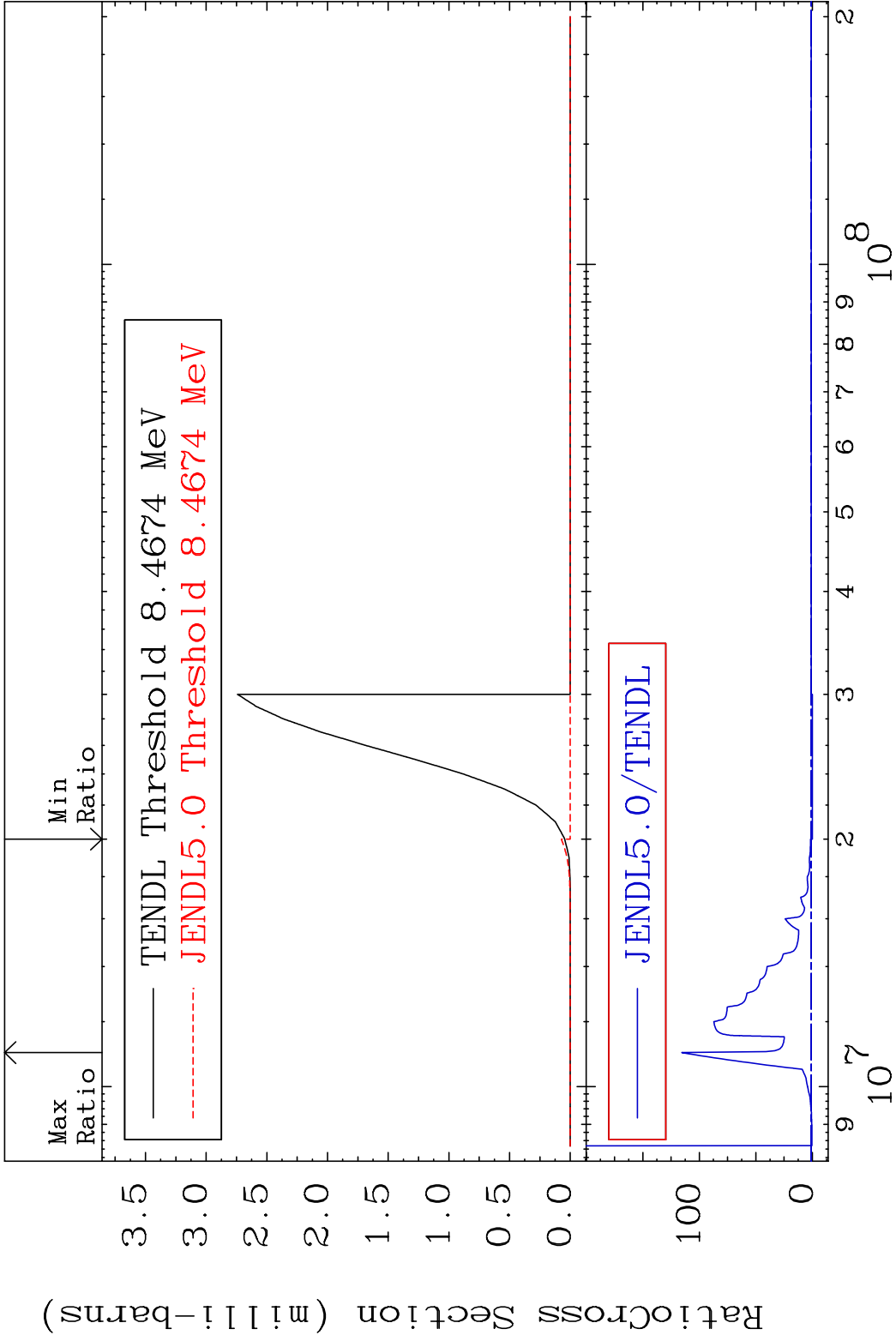


MAT 3228

(n, He-3)

32-Ge-71

Cross Section -100.0 To 9999. %



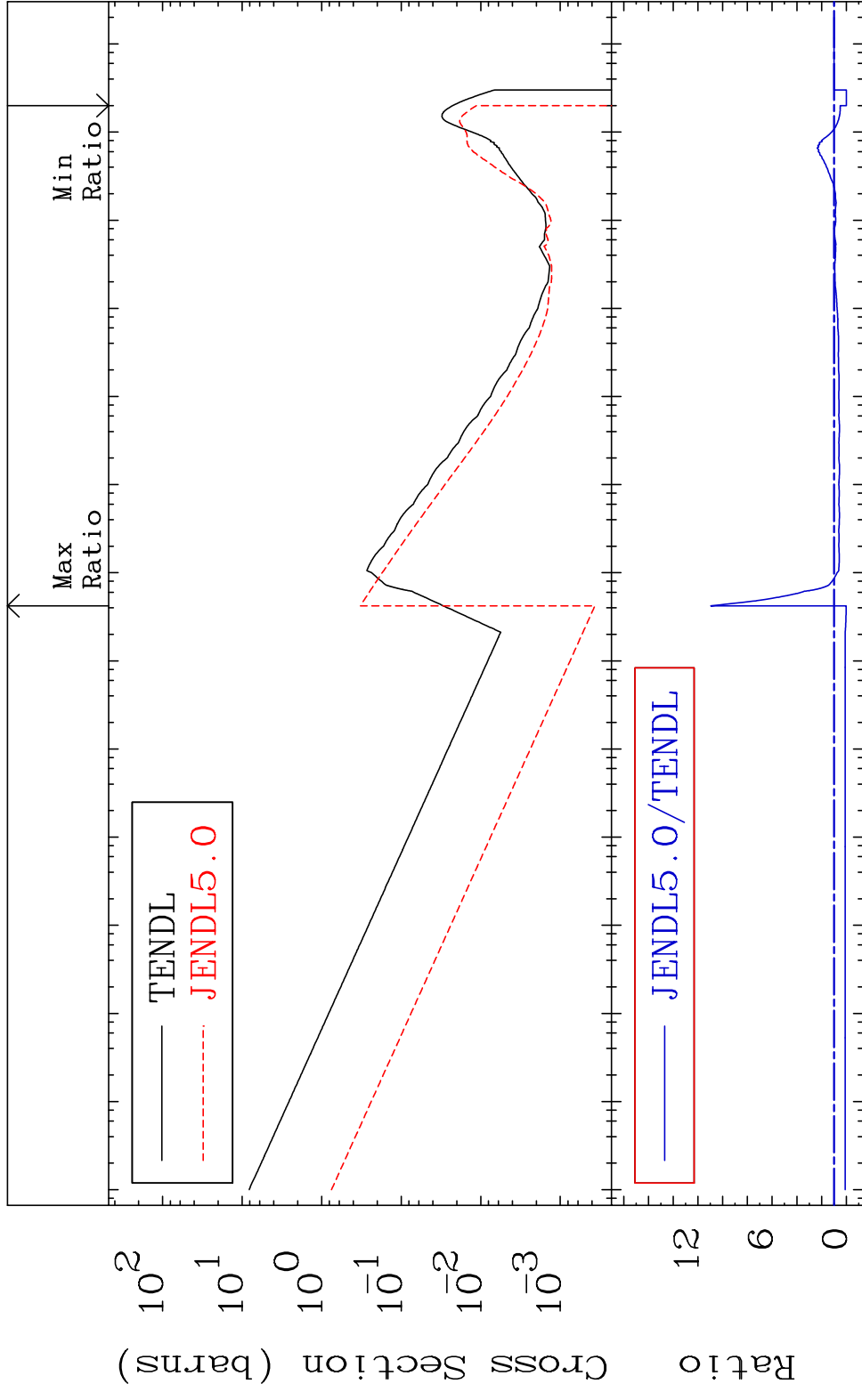
47

Incident Energy (eV)

32-Ge-71

MAT 3228

(n,  $\alpha$ )  
Cross Section -100.0 To 996.5 %  
32-Ge-71

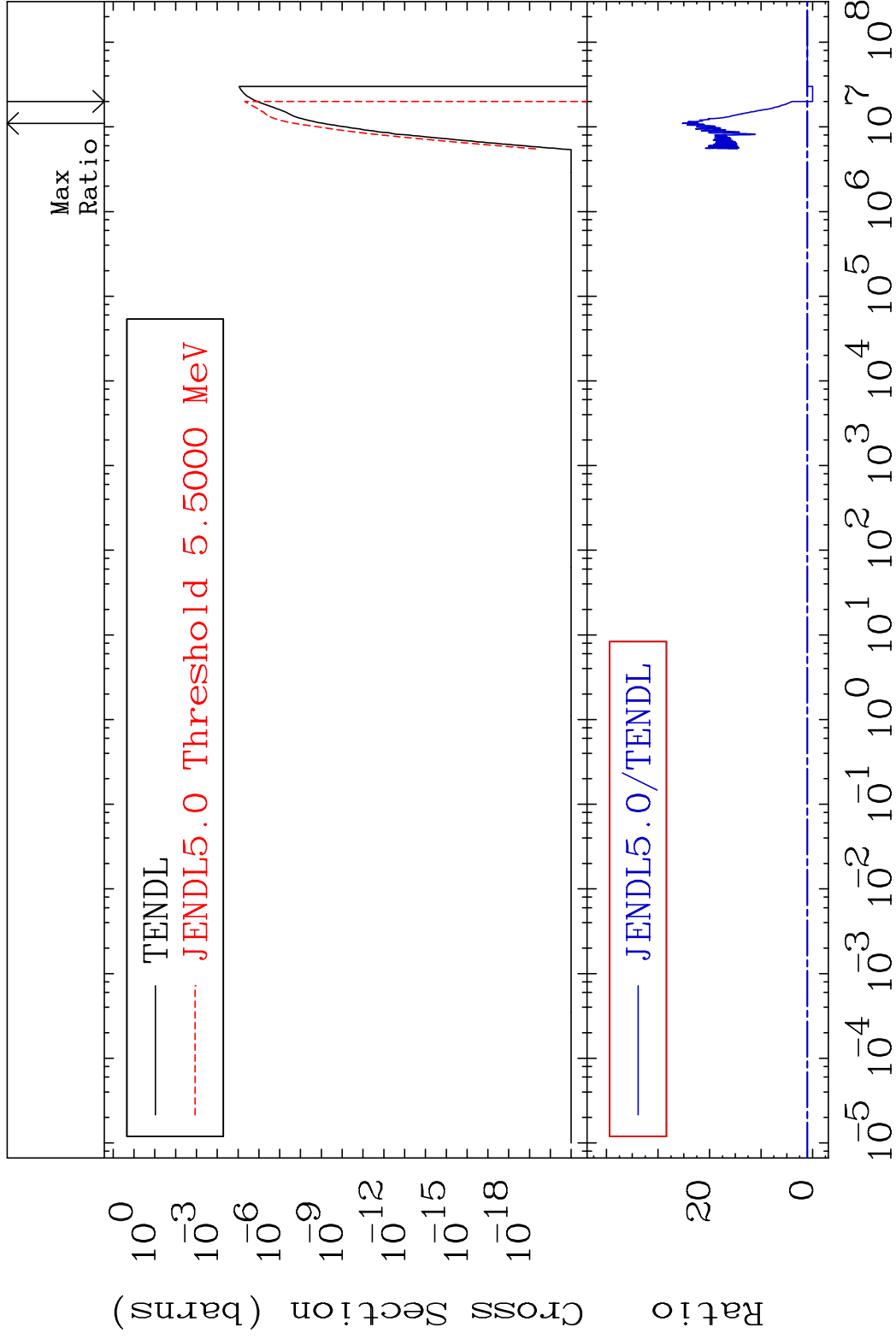


MAT 3228

(n,2α)

32-Ge-71

Cross Section -100.0 To 2428. %



49

Incident Energy (eV)

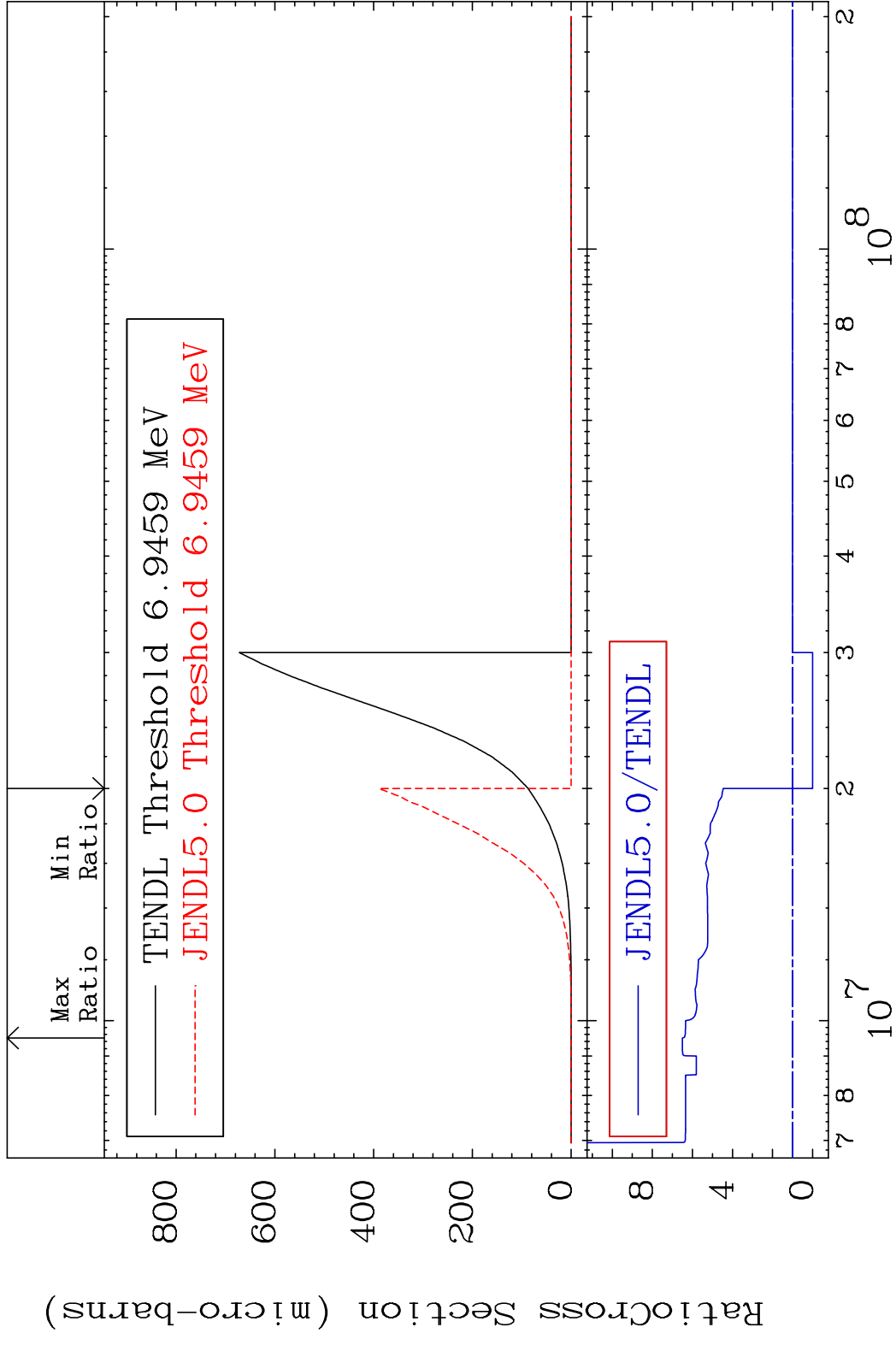
32-Ge-71

MAT 3228

(n,2p)

32-Ge-71

Cross Section -100.0 To 550.2 %

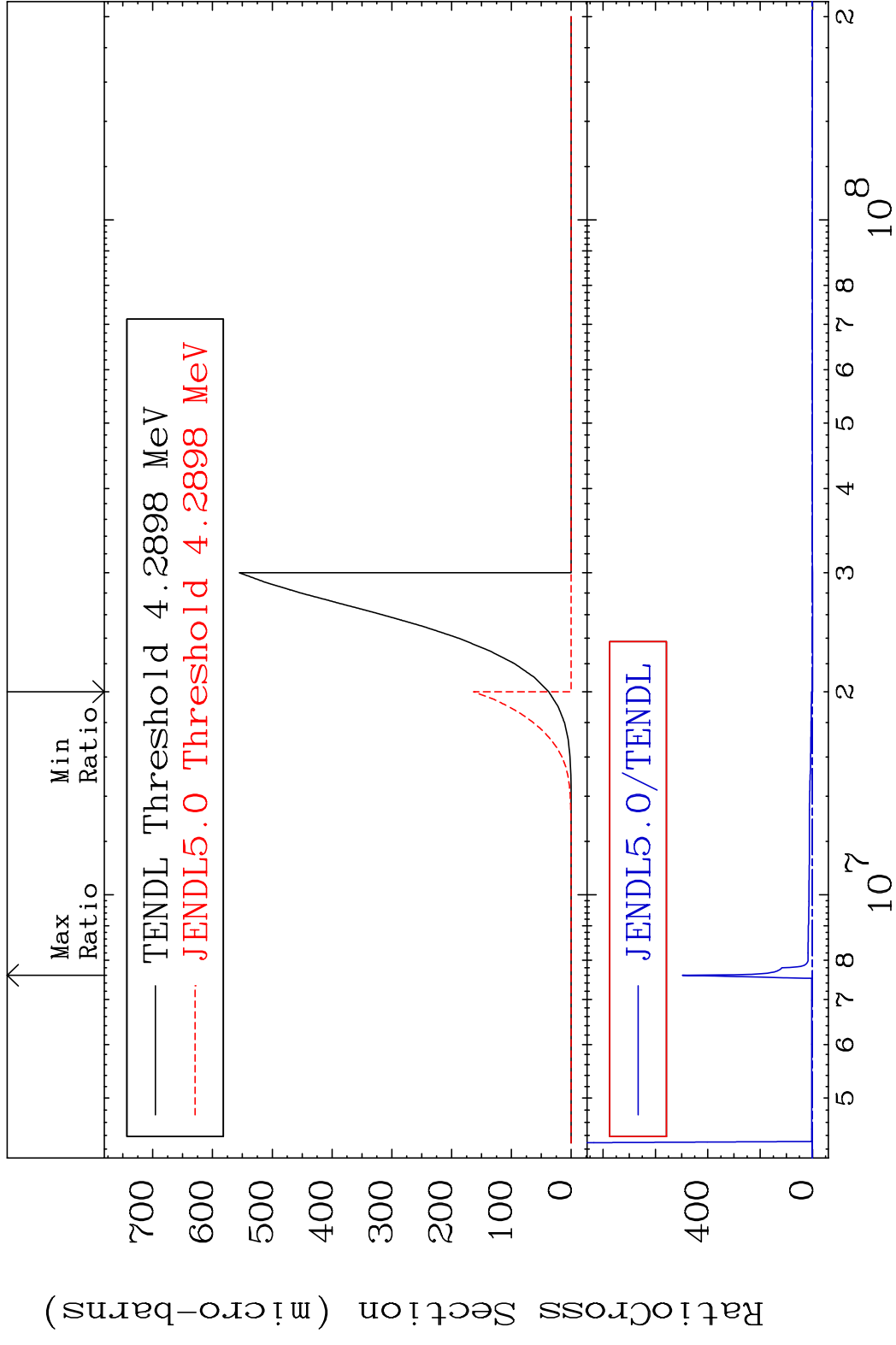


50

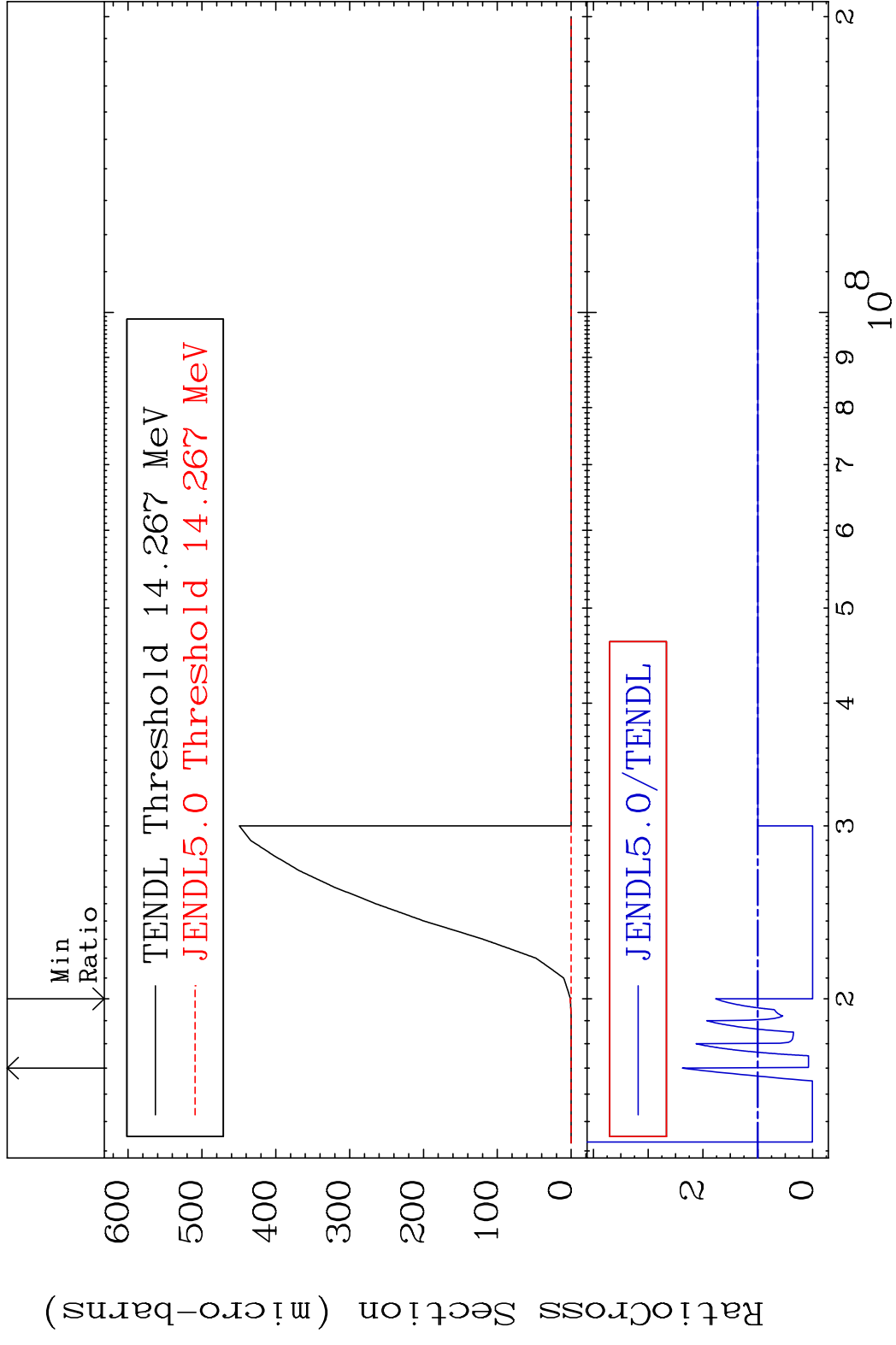
Incident Energy (eV)

32-Ge-71

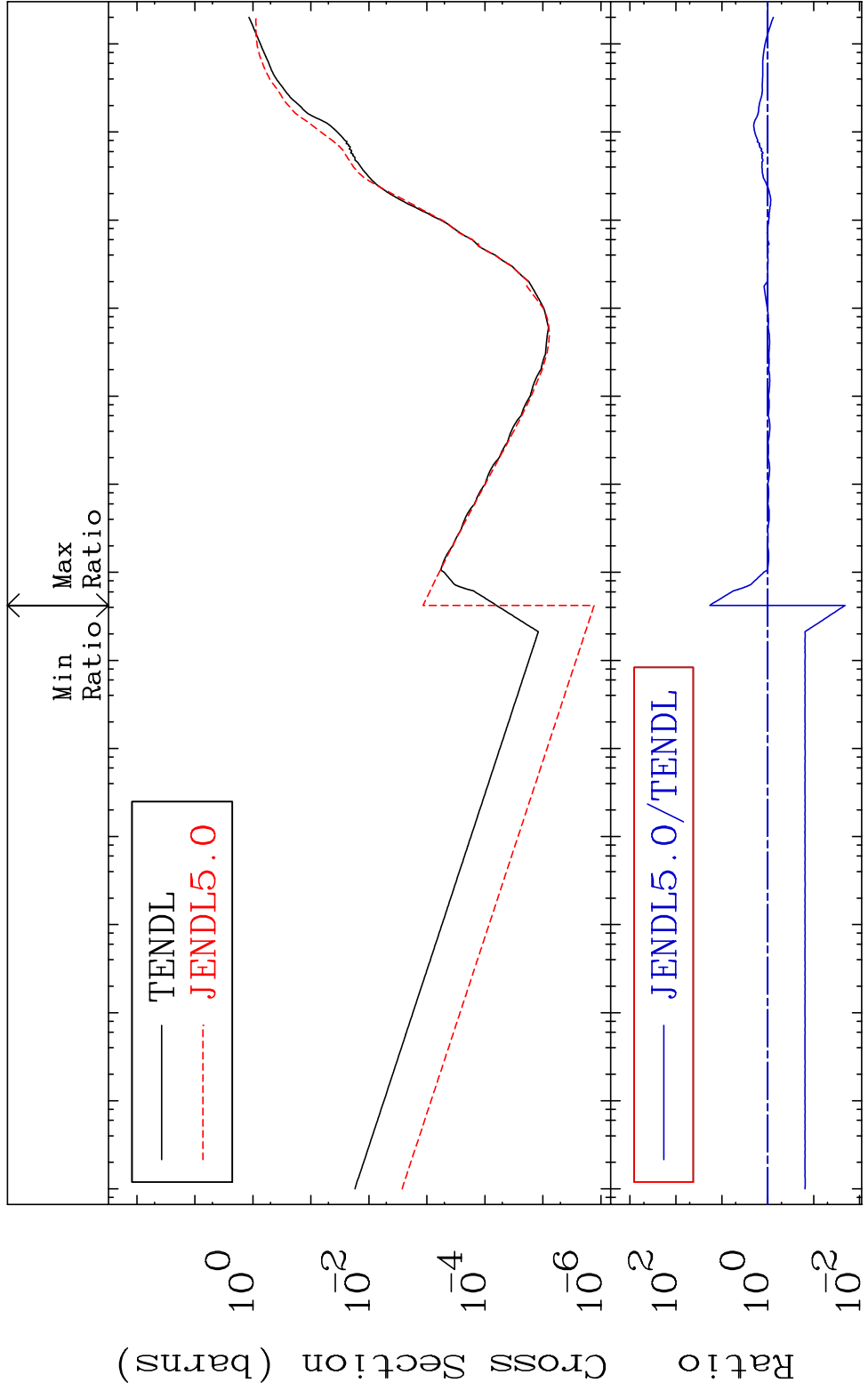
MAT 3228 (n,p)  $\alpha$  32-Ge-71  
 Cross Section -100.0 To 9999. %



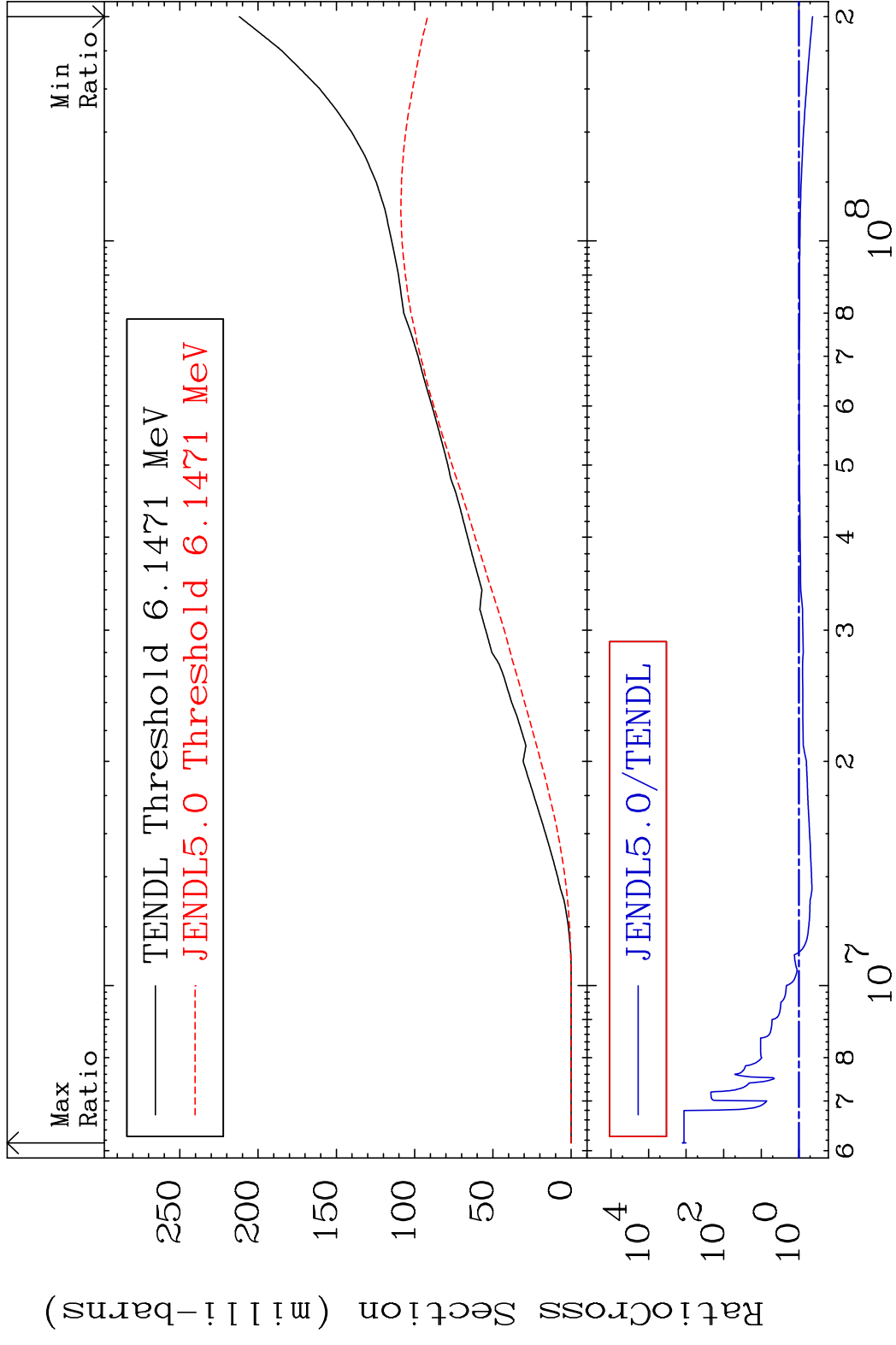
MAT 3228 (n,p) t 32-Ge-71  
 Cross Section -100.0 To 137.6 %



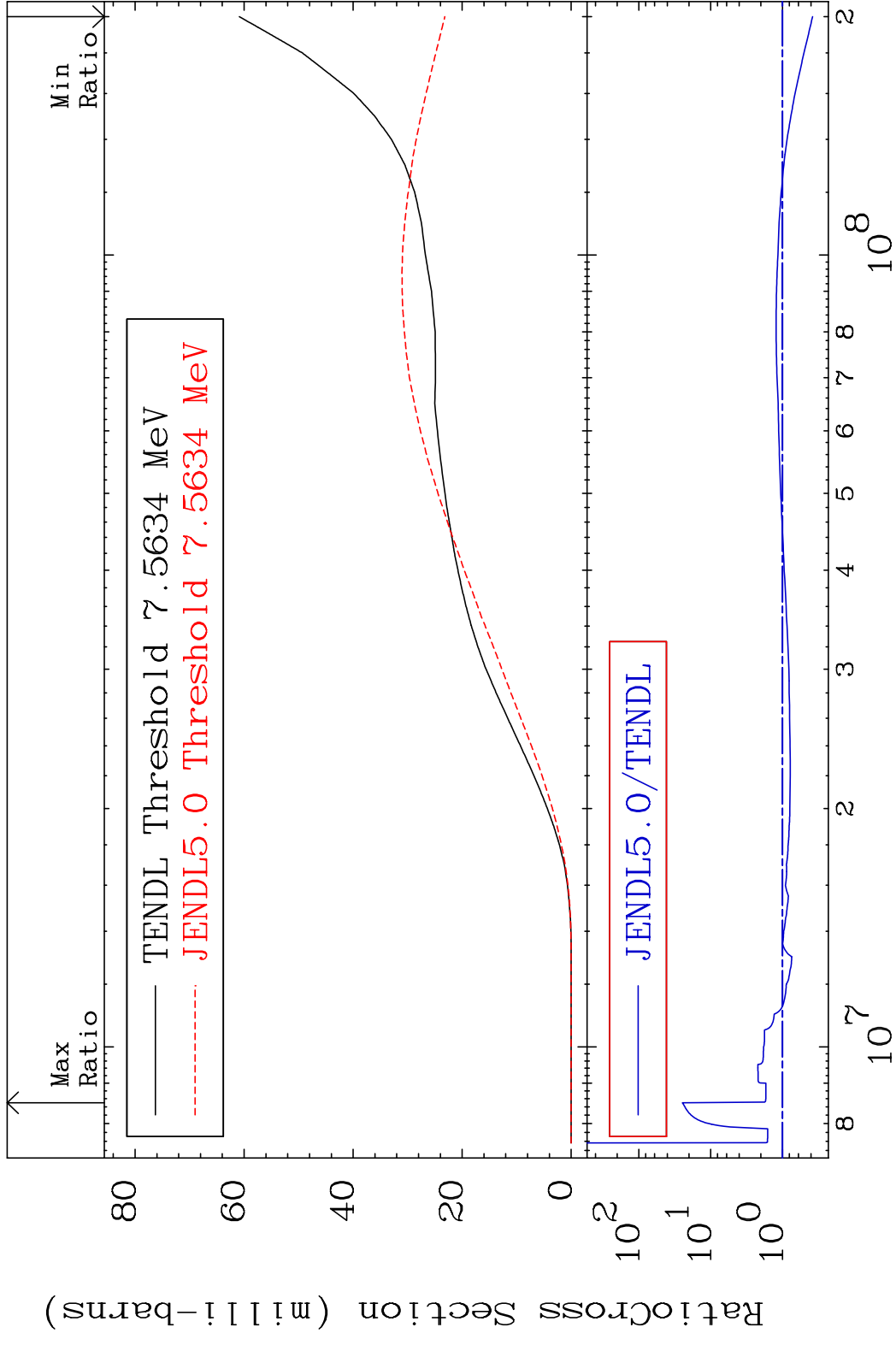
MAT 3228 Hydrogen Production 32-Ge-71  
 Cross Section -97.95 To 1728. %



MAT 3228 Deuterium Production 32-Ge-71  
 Cross Section -56.71 To 9999. %



MAT 3228 Tritium Production 32-Ge-71  
 Cross Section -61.93 To 2371. %

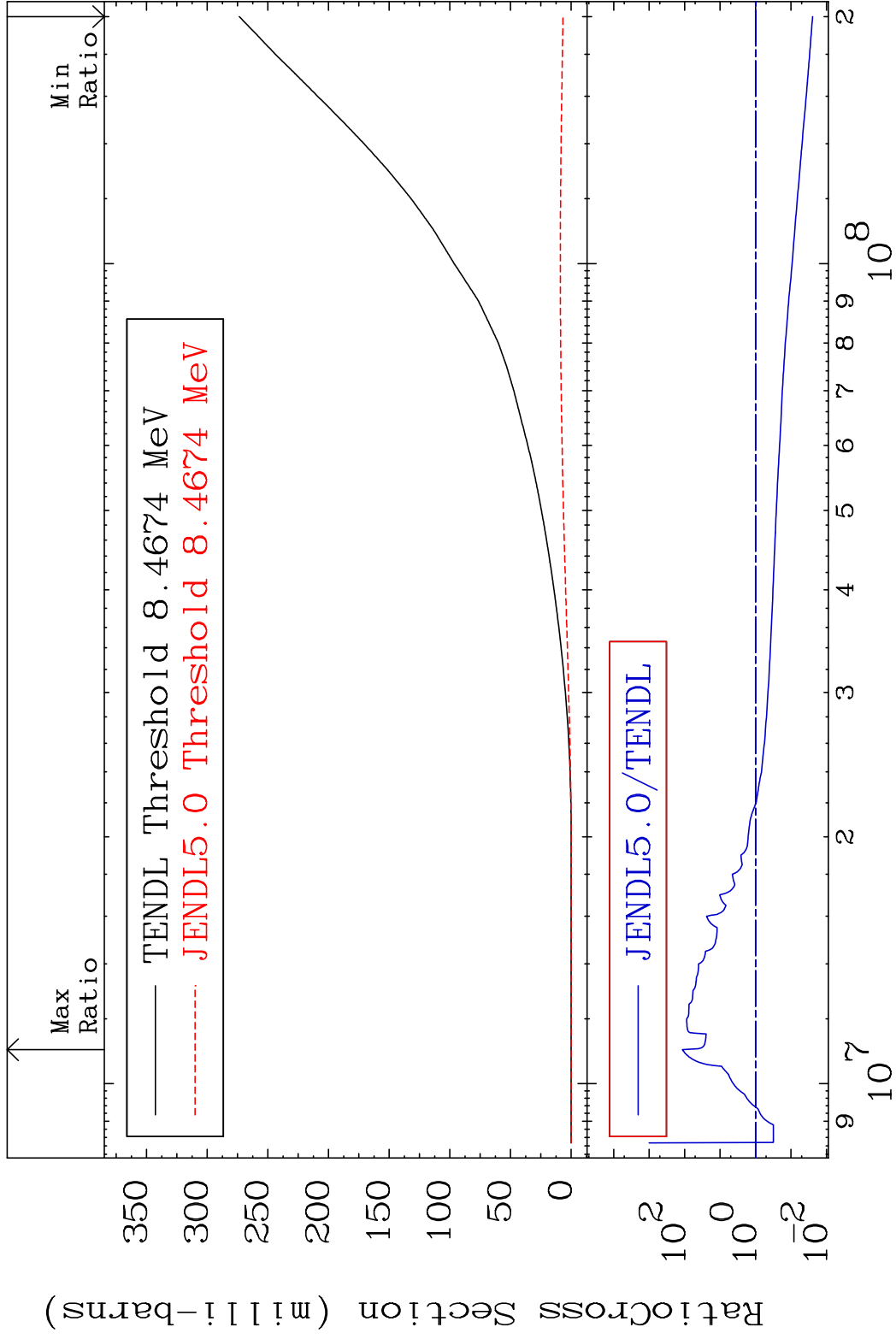


MAT 3228

He-3 Production

32-Ge-71

Cross Section -97.54 To 9999. %



56

Incident Energy (eV)

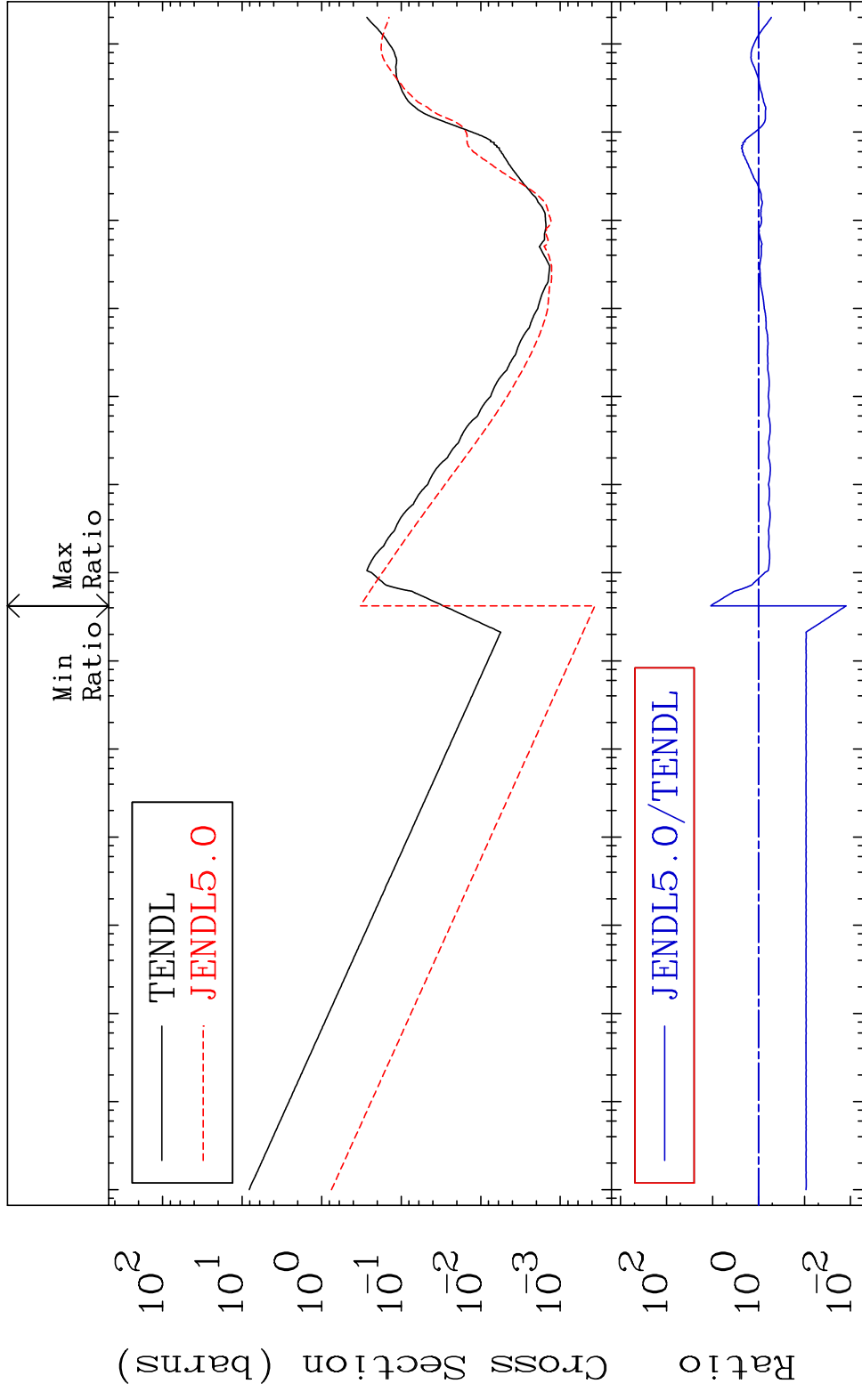
32-Ge-71

MAT 3228

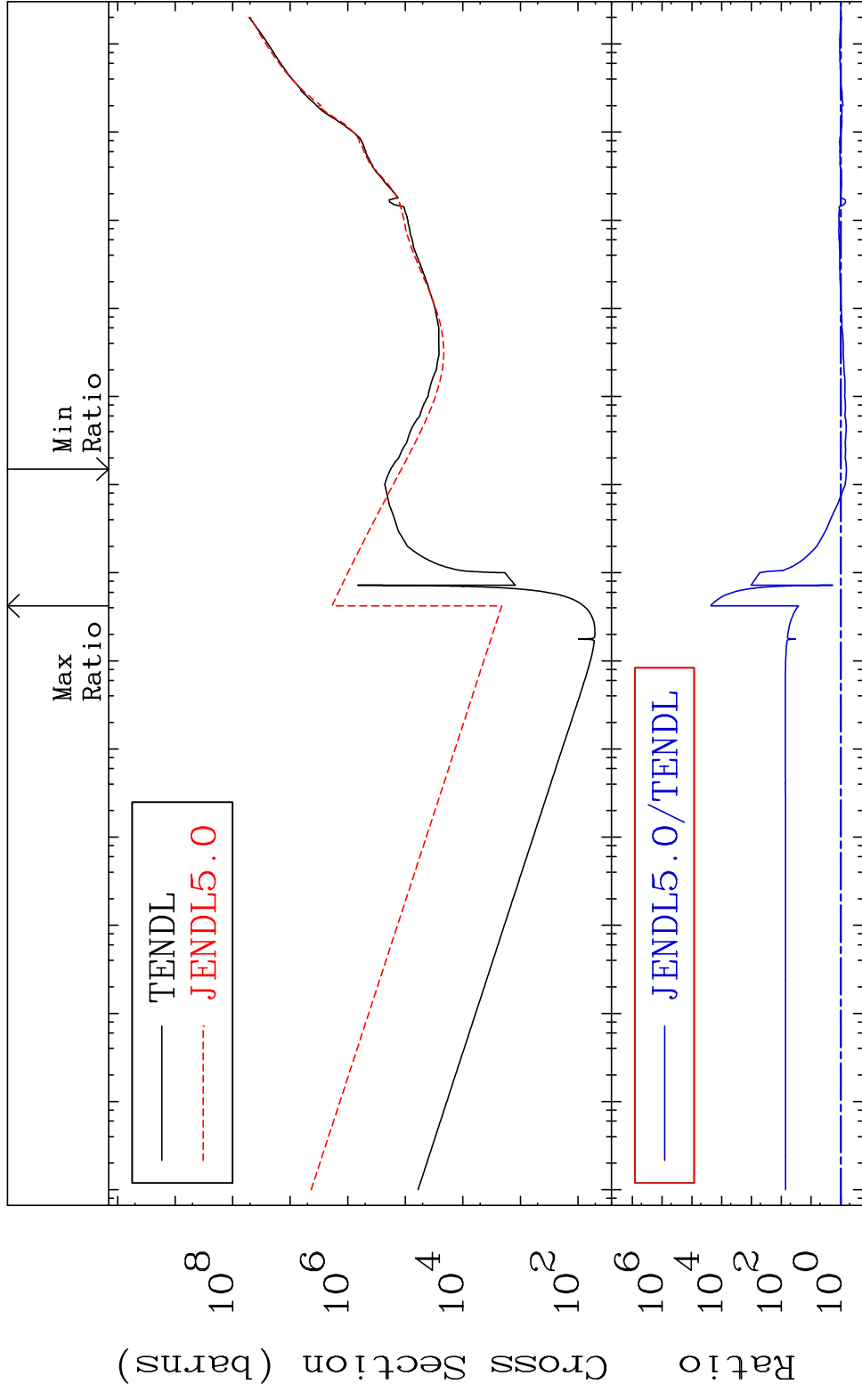
He-4 Production

32-Ge-71

Cross Section -98.77 To 996.5 %



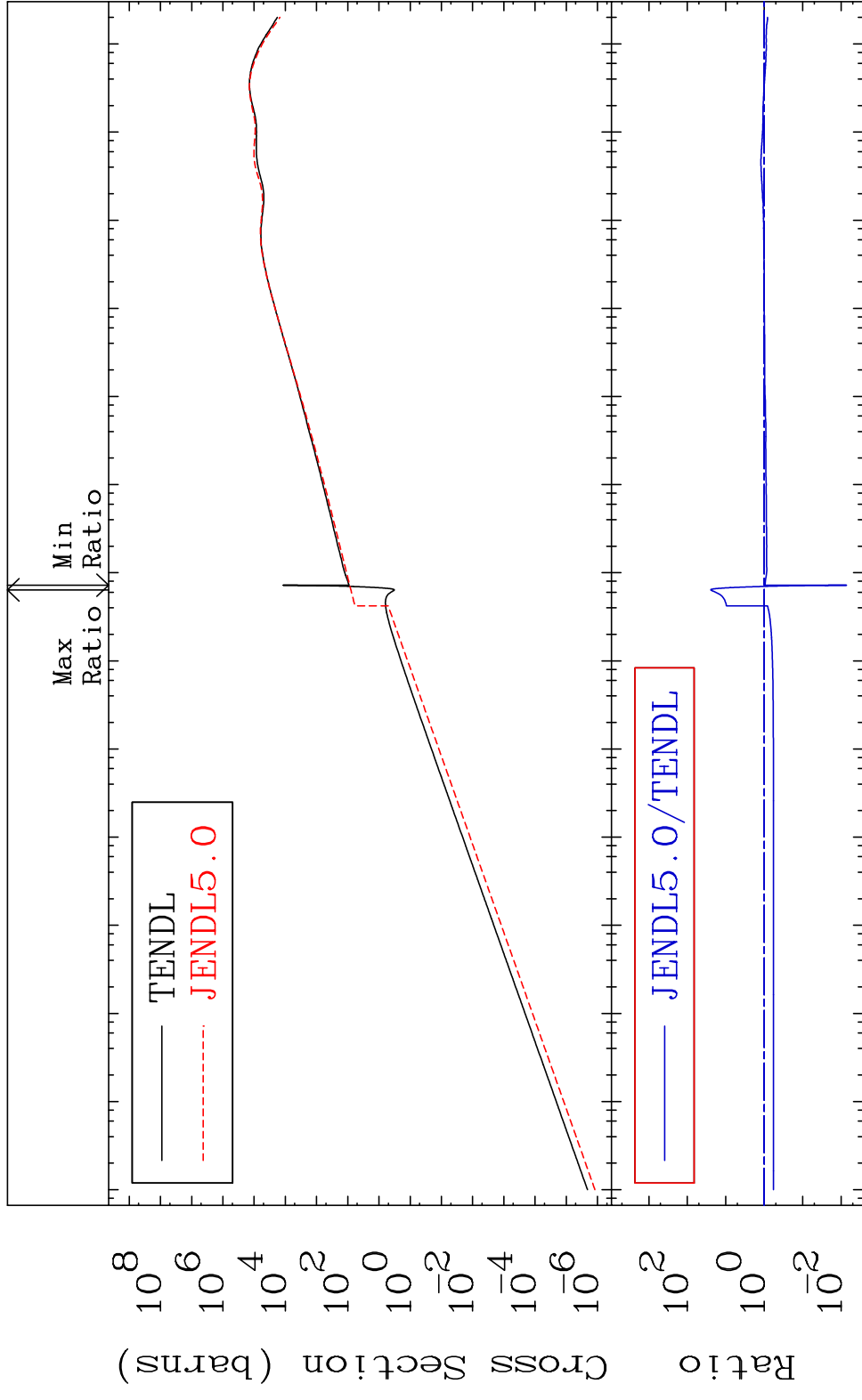
MAT 3228 Kerma total (eV-barns) 32-Ge-71  
 Cross Section -34.74 To 9999. %



Ratio  
 Cross Section (barns)  
 Incident Energy (eV) 32-Ge-71

MAT 3228

Kerma elastic Cross Section -99.27 To 2368. %  
32-Ge-71

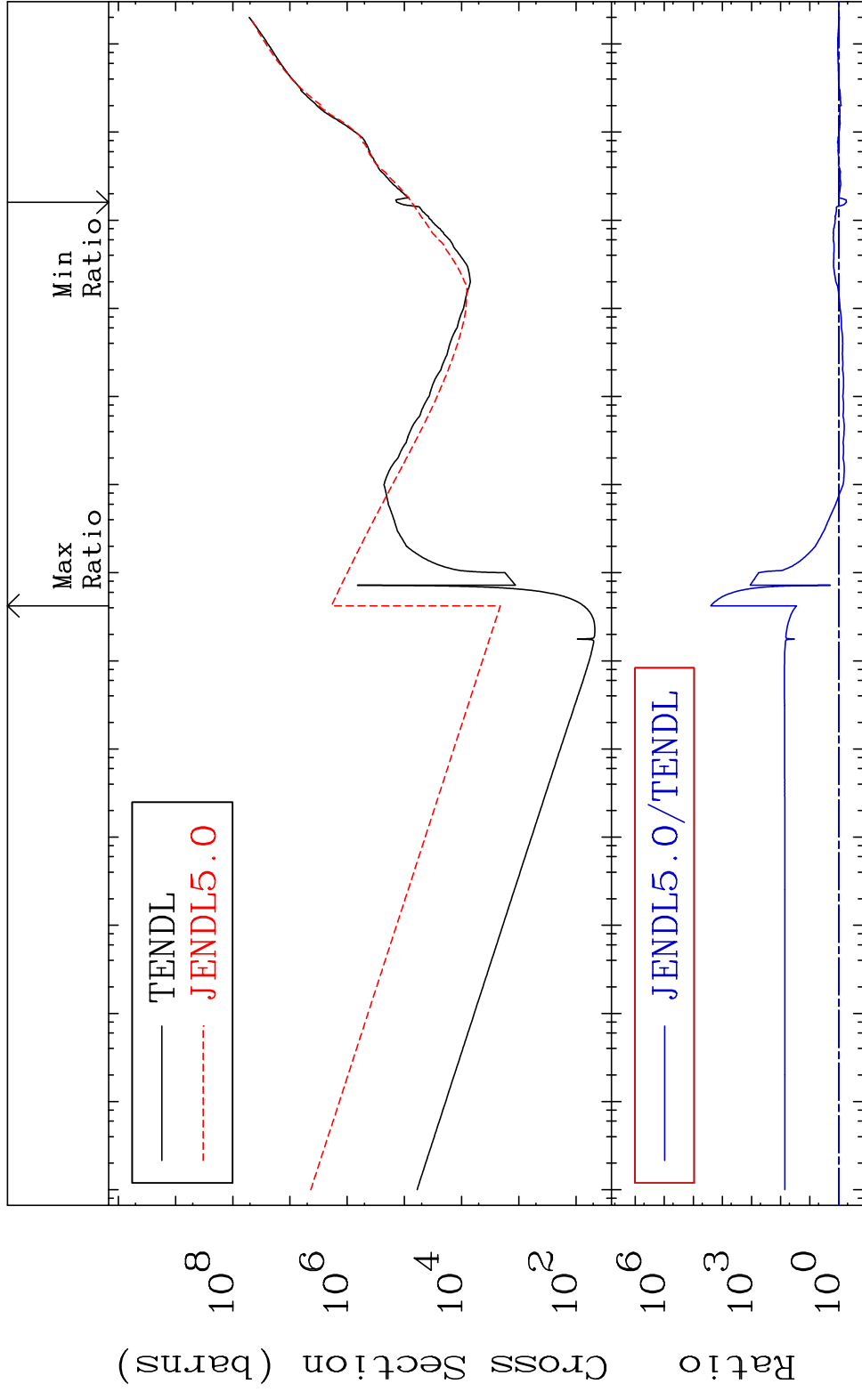


59

Incident Energy (eV)

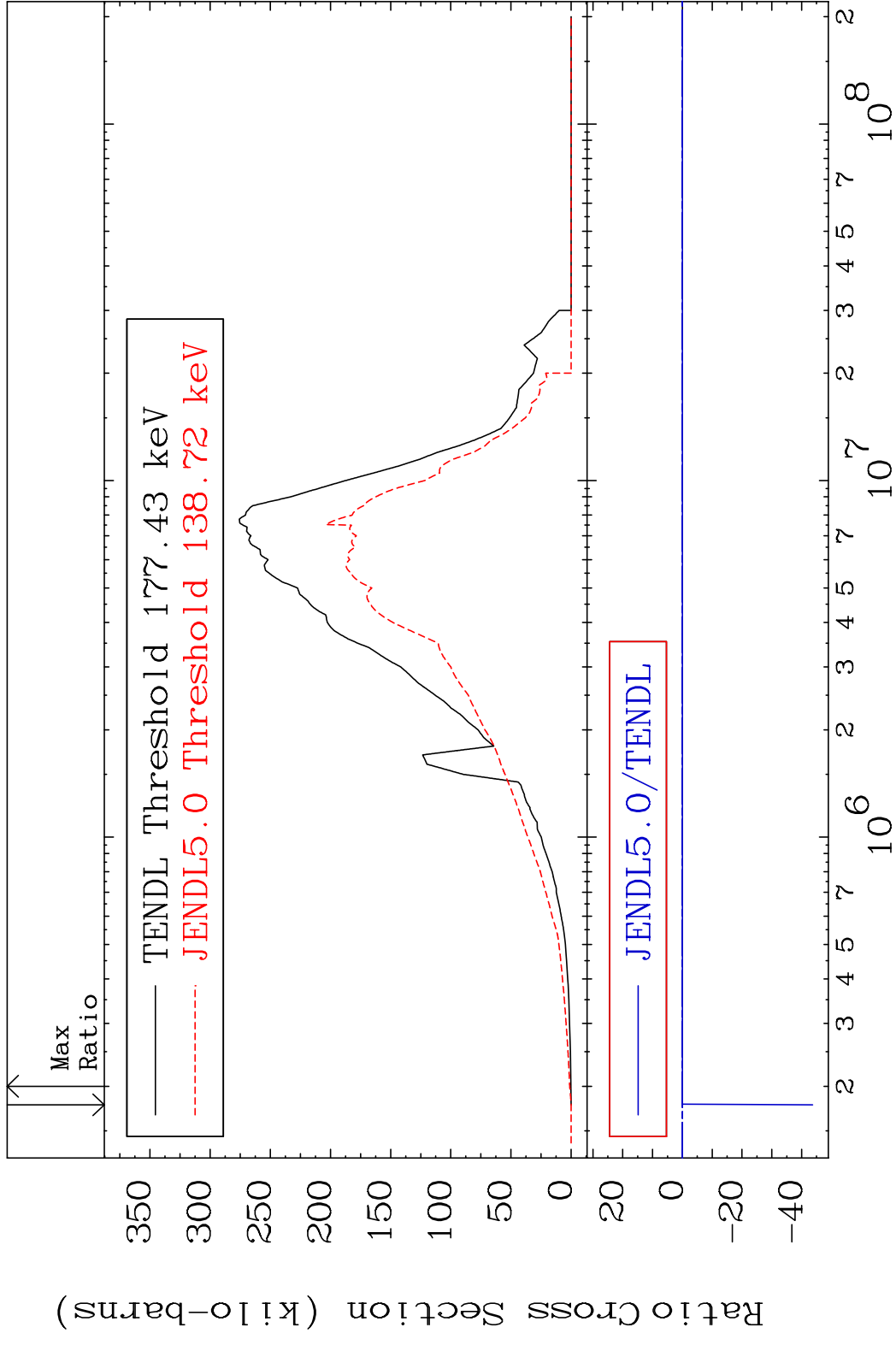
32-Ge-71

MAT 3228 Kerma non-elastic (all but mt2) 32-Ge-71  
 Cross Section -44.74 To 9999. %

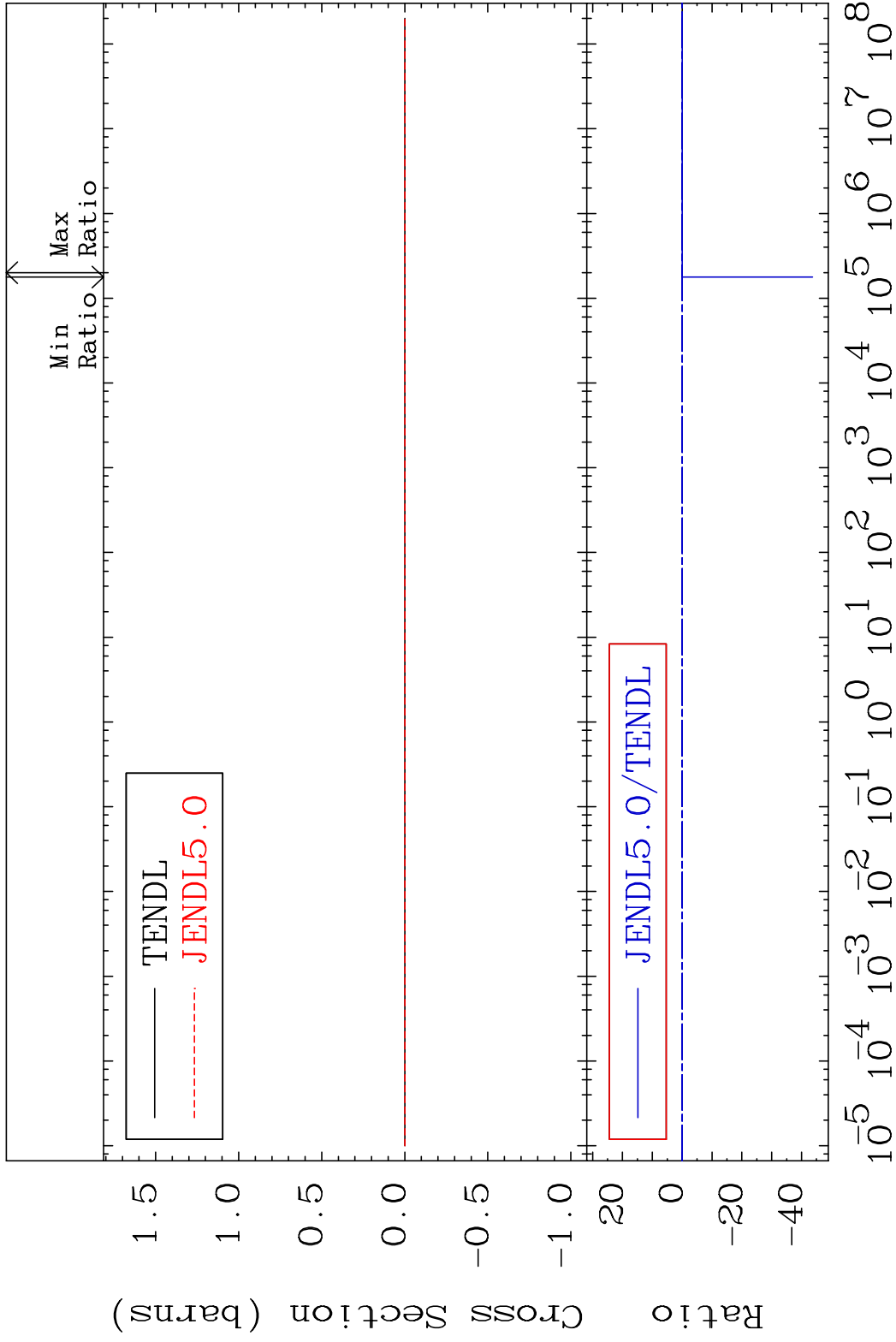


60 Incident Energy (eV) 32-Ge-71

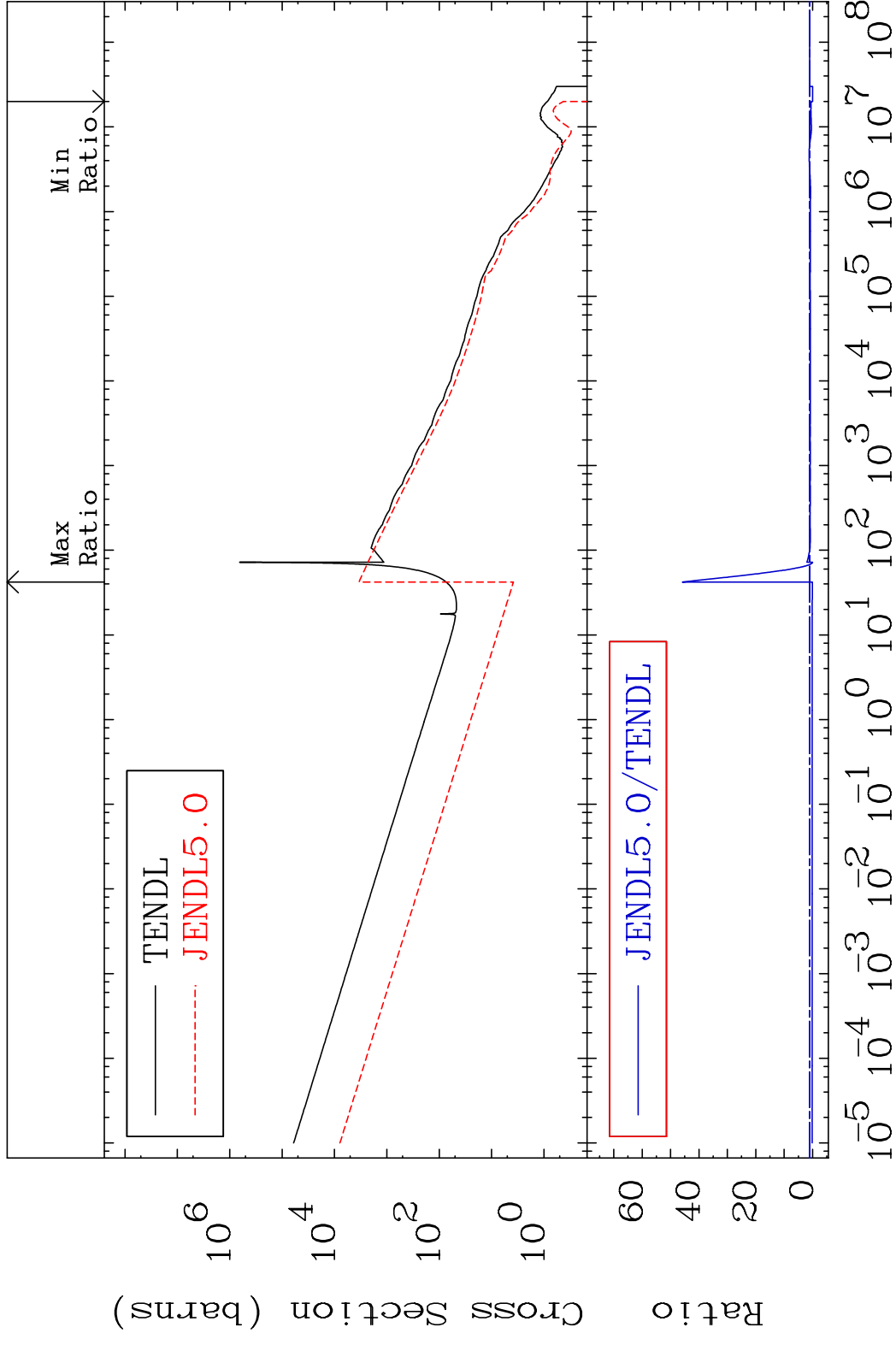
MAT 3228 Kerma inelastic (mt51-91) 32-Ge-71  
 Cross Section -9999. To 453.4 %



MAT 3228 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-71  
 Cross Section -9999. To 453.4 %

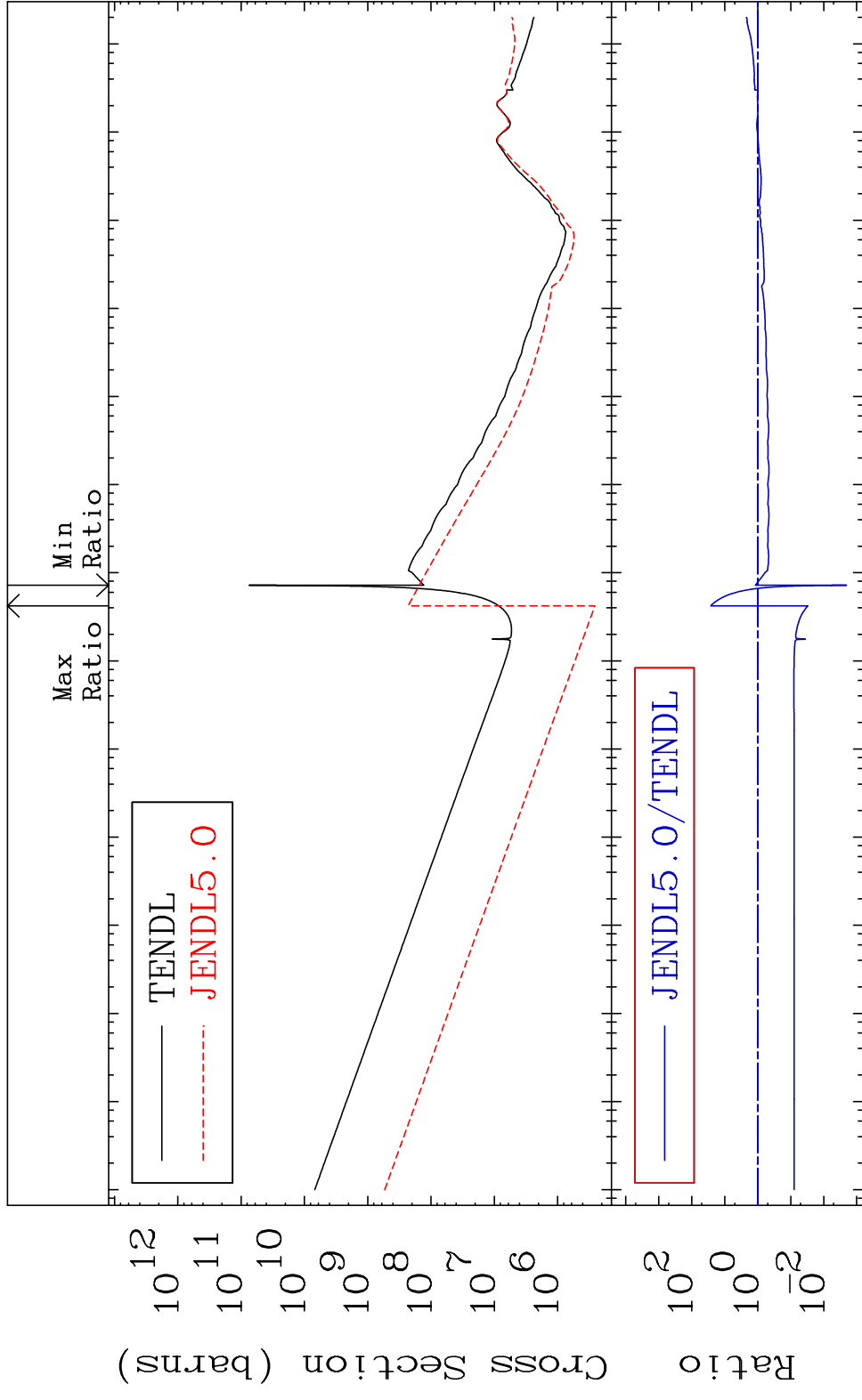


MAT 3228 Kerma capture (mt102) 32-Ge-71  
 Cross Section -100.0 To 4485. %

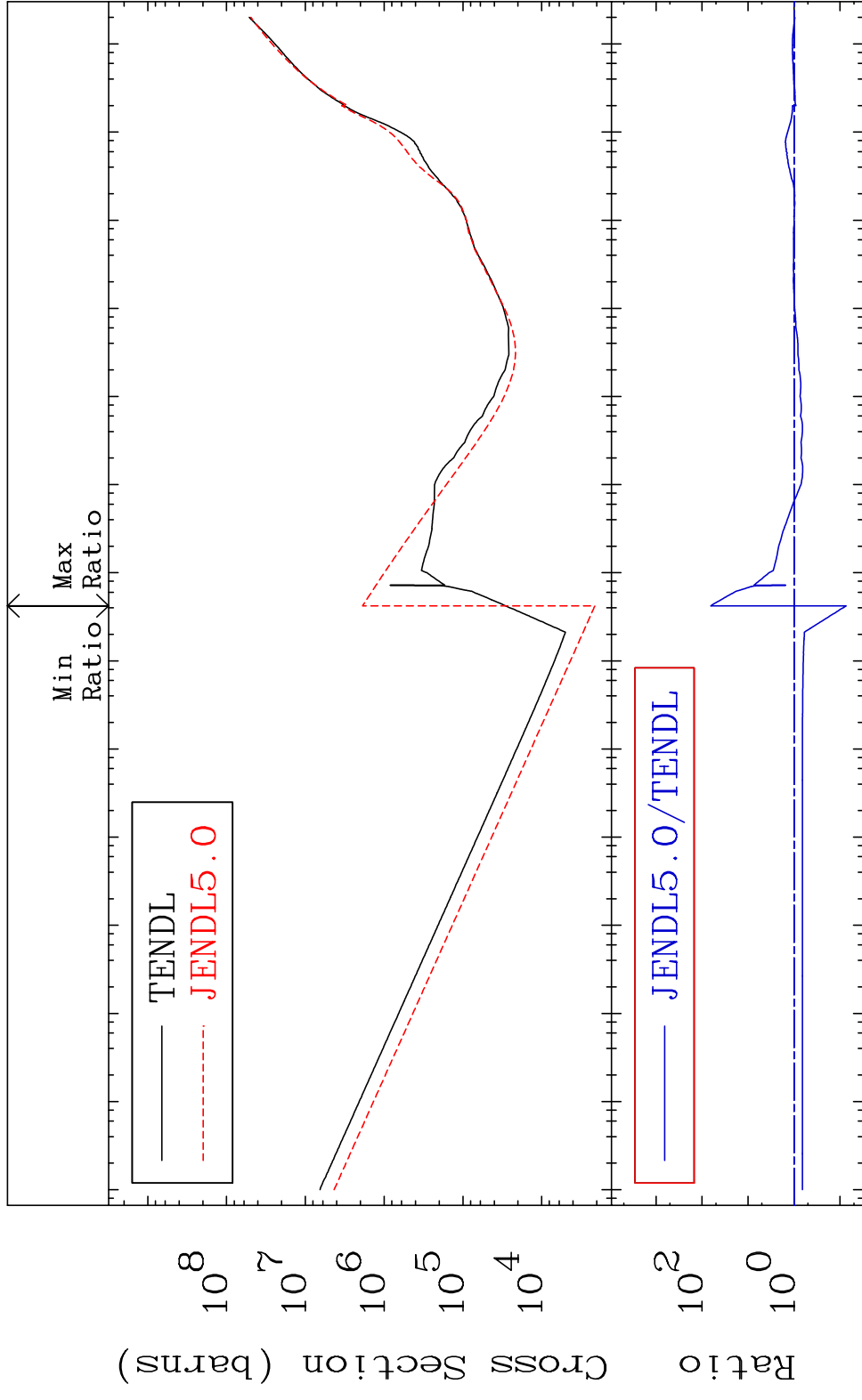


63 Incident Energy (eV) 32-Ge-71

MAT 3228 Total photon (eV-barns) 32-Ge-71  
 Cross Section -99.79 To 2566. %

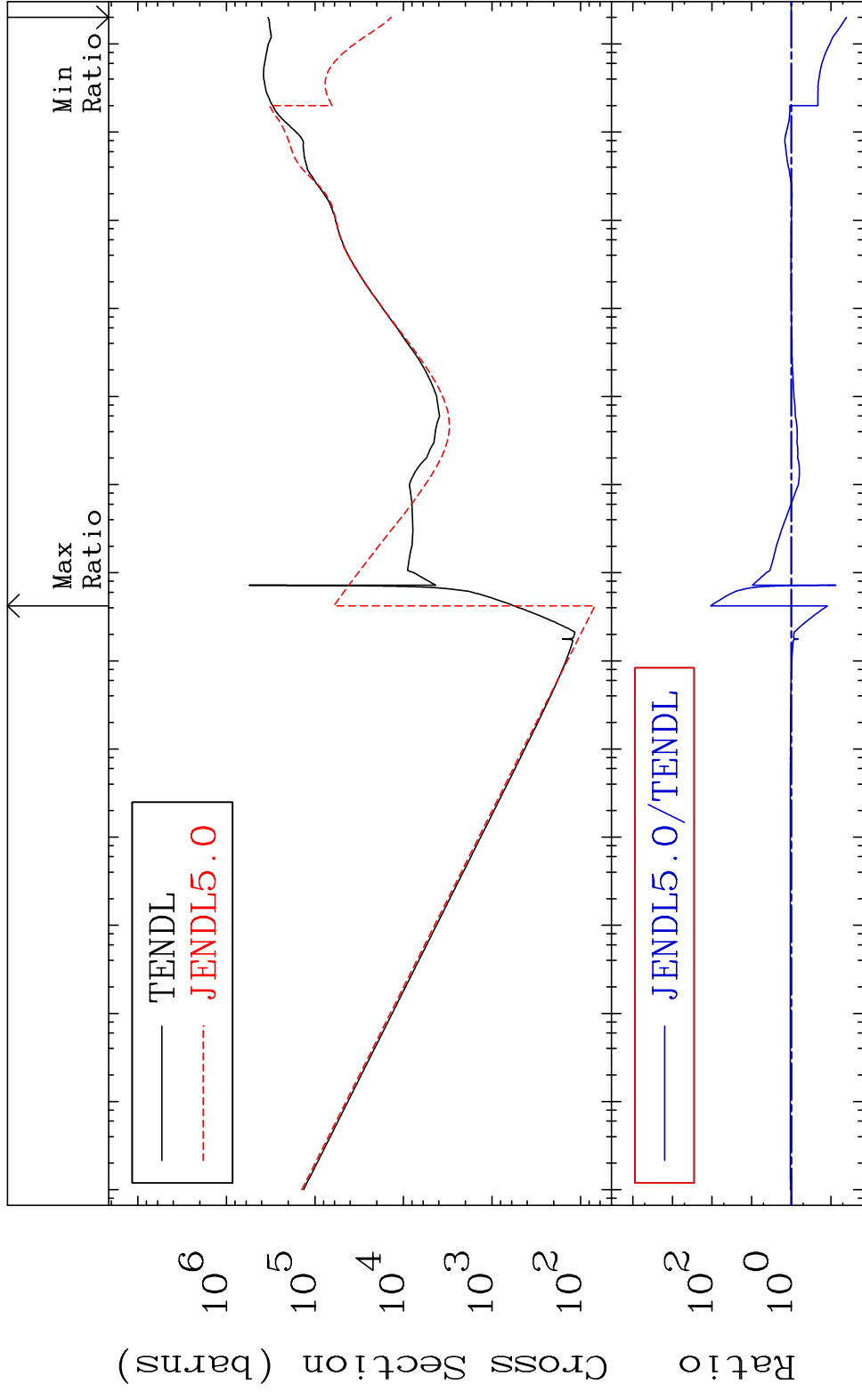


MAT 3228 Total kinematic kerma (high limit) 32-Ge-71  
 Cross Section -92.70 To 6378. %



$10^{-5}$   $10^{-4}$   $10^{-3}$   $10^{-2}$   $10^{-1}$   $10^0$   $10^1$   $10^2$   $10^3$   $10^4$   $10^5$   $10^6$   $10^7$   $10^8$

MAT 3228      Dpa total (eV-barns)      32-Ge-71  
 Cross Section      -95.94 To 9999. %

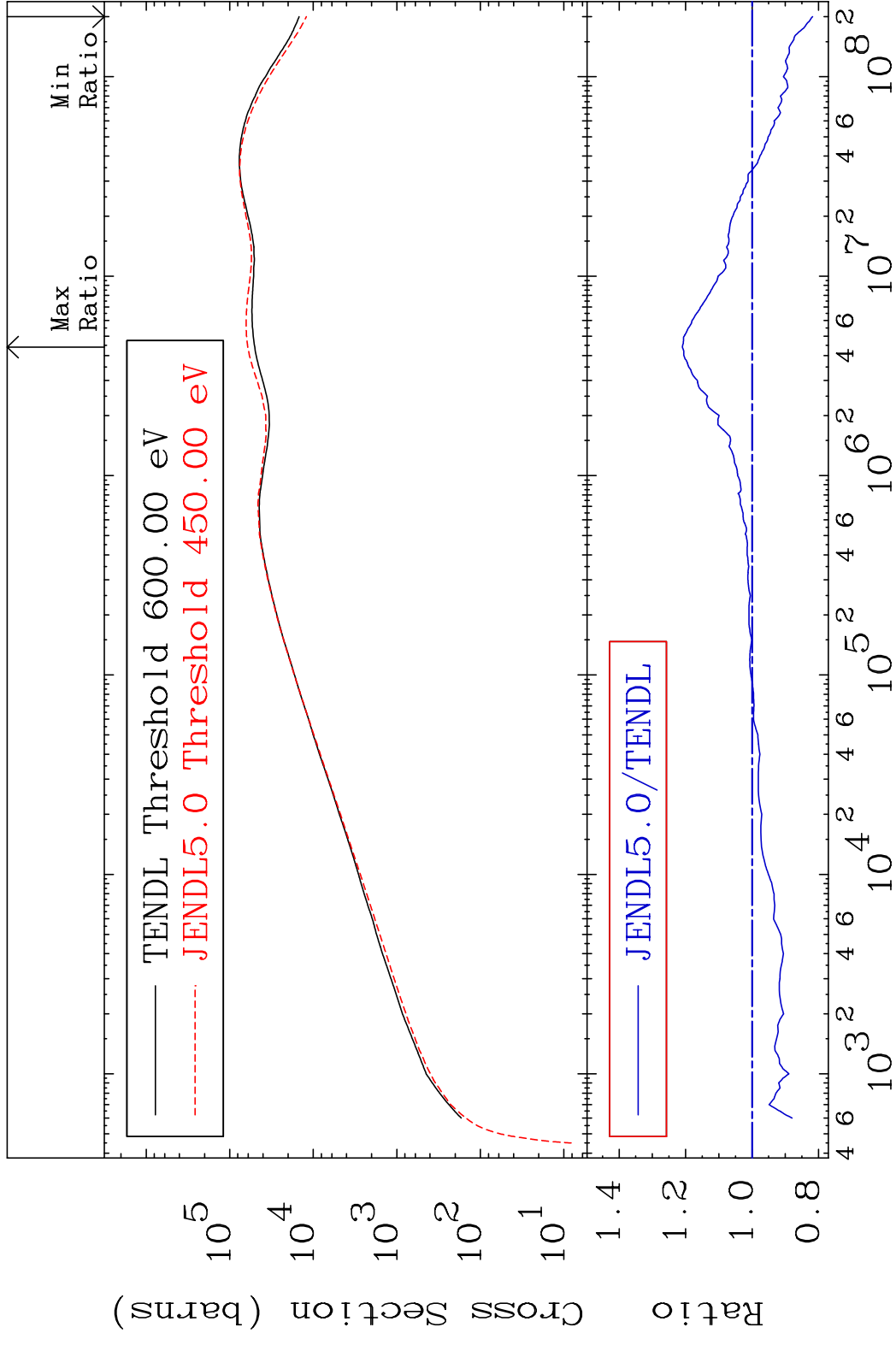


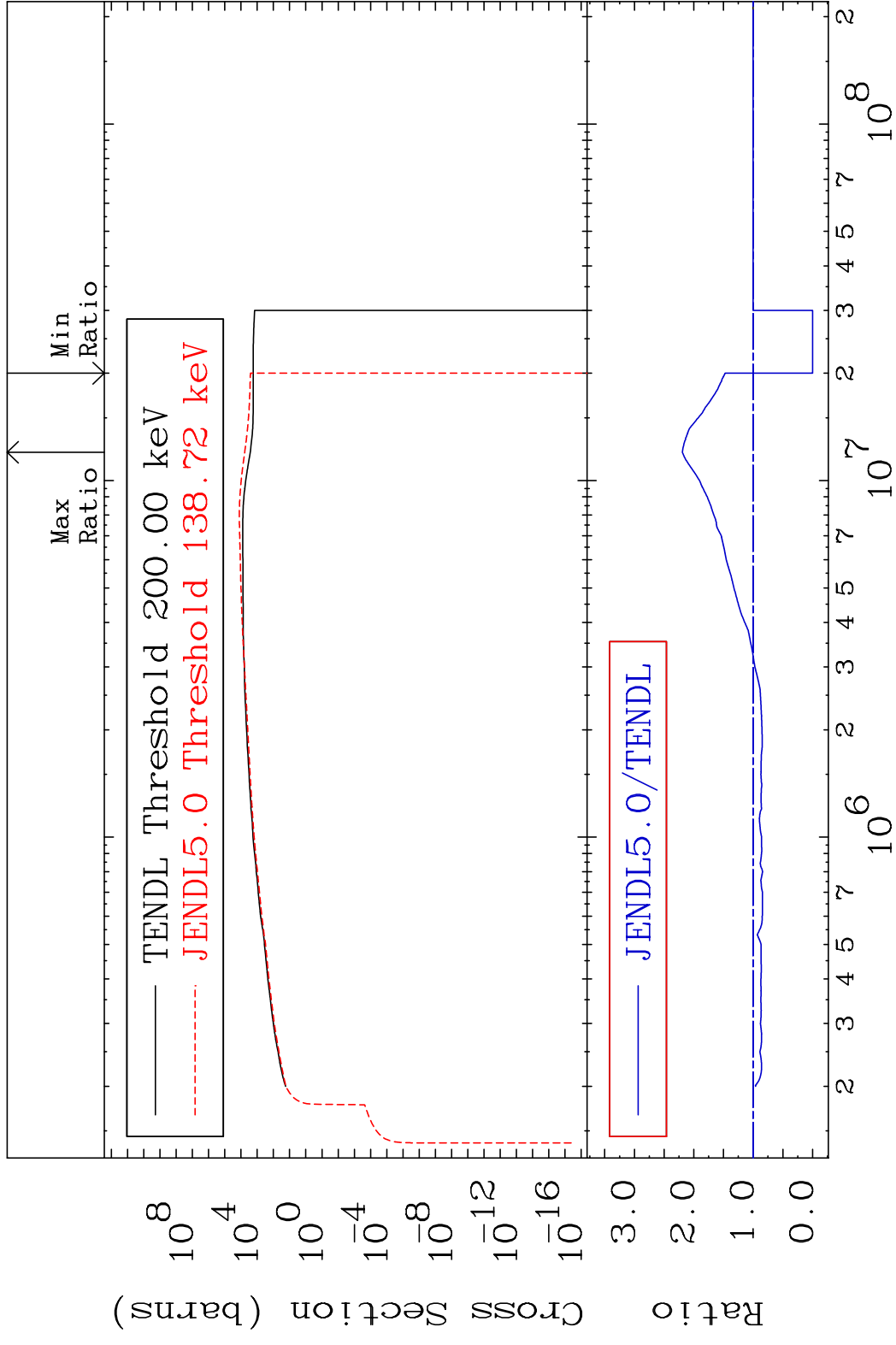
MAT 3228

Dpa elastic (mt2)

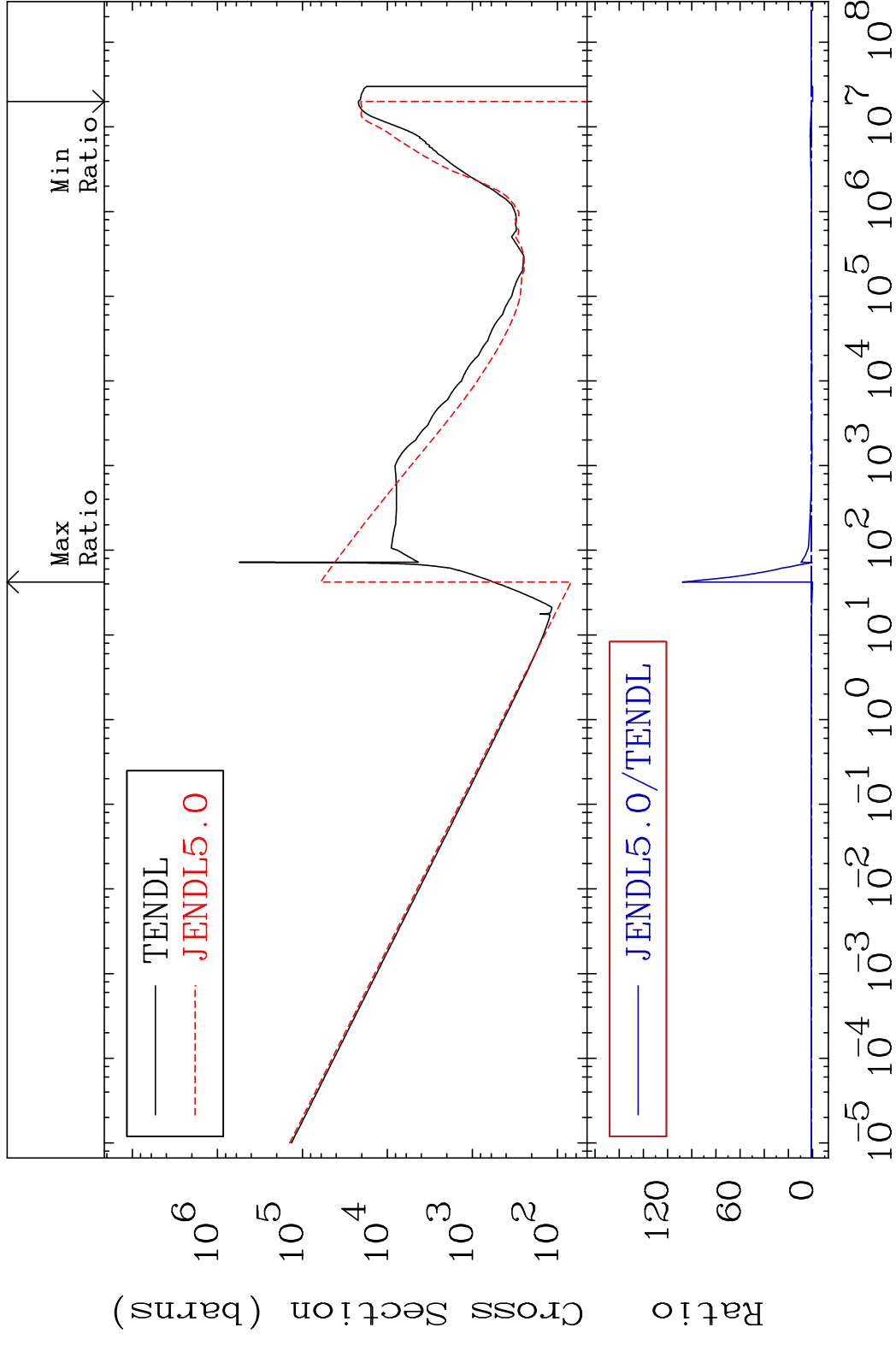
32-Ge-71

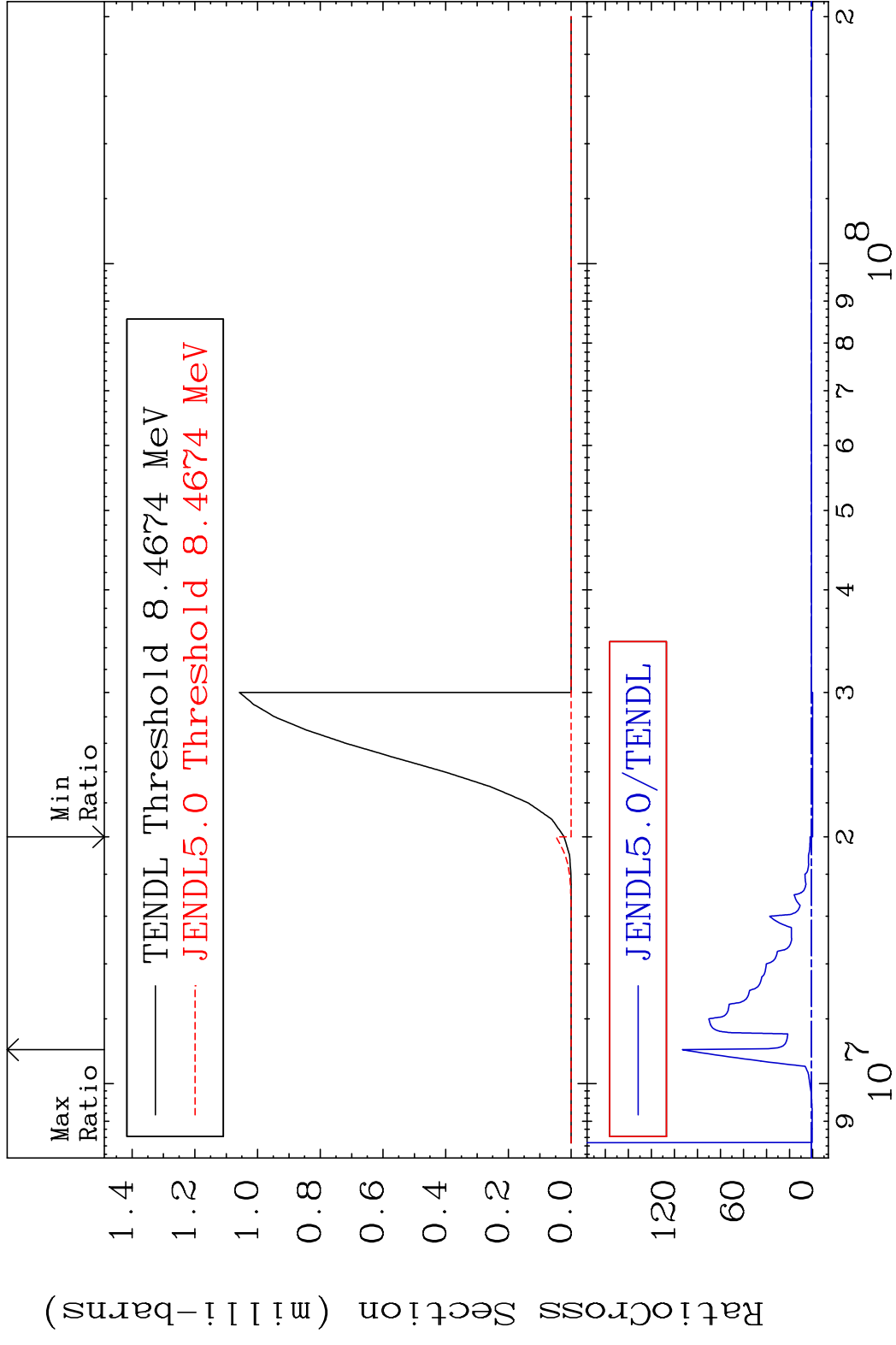
Cross Section -18.19 To 20.98 %





MAT 3228 Dpa disappearance (mt102 -120) 32-Ge-71  
 Cross Section -100.0 To 9999. %





MAT 3228 (n, He-3) : 30-Zn-69m1 32-Ge-71  
 Radionuclide Production Cross Section Ratio

