

Program Complot  
(Version 2021-1)

by

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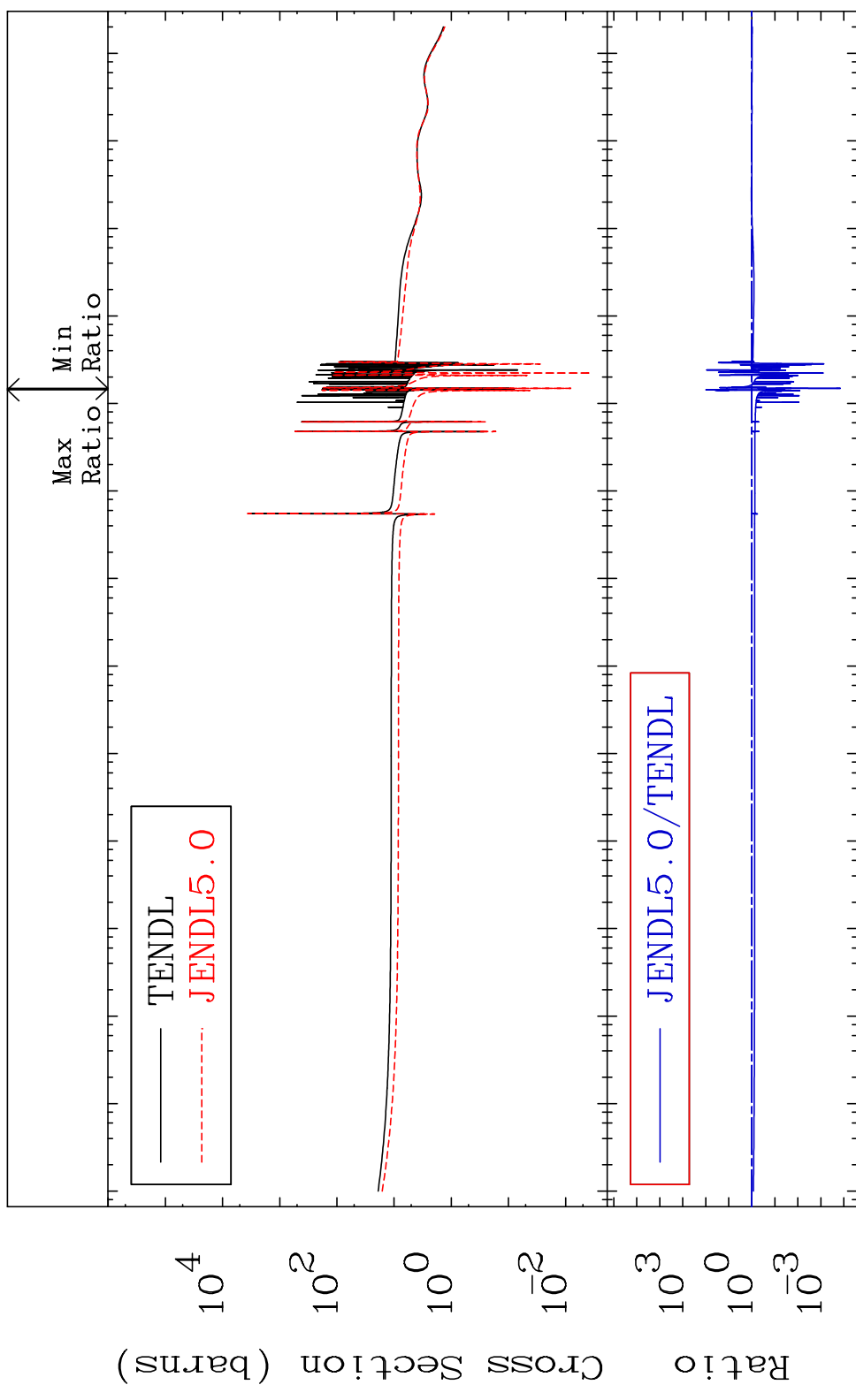
Press Mouse Button to Start

MAT 3243

Total

32-Ge-76

Cross Section -99.99 To 9901. %



10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>  
10<sup>-2</sup>  
10<sup>3</sup>  
10<sup>0</sup>  
10<sup>-3</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>

1

Incident Energy (eV)

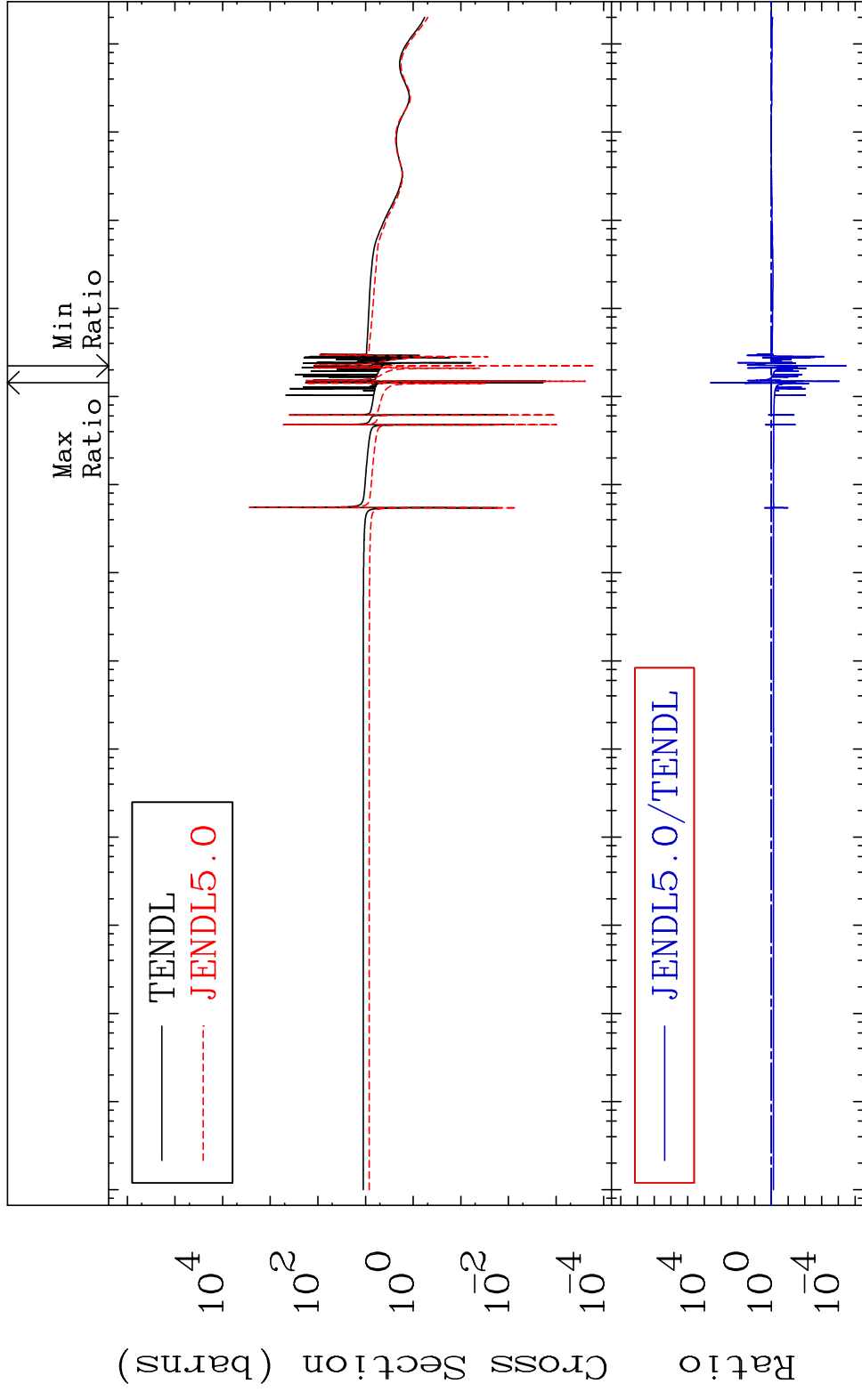
32-Ge-76

MAT 3243

Elastic

32-Ge-76

Cross Section -100.0 To 9999. %



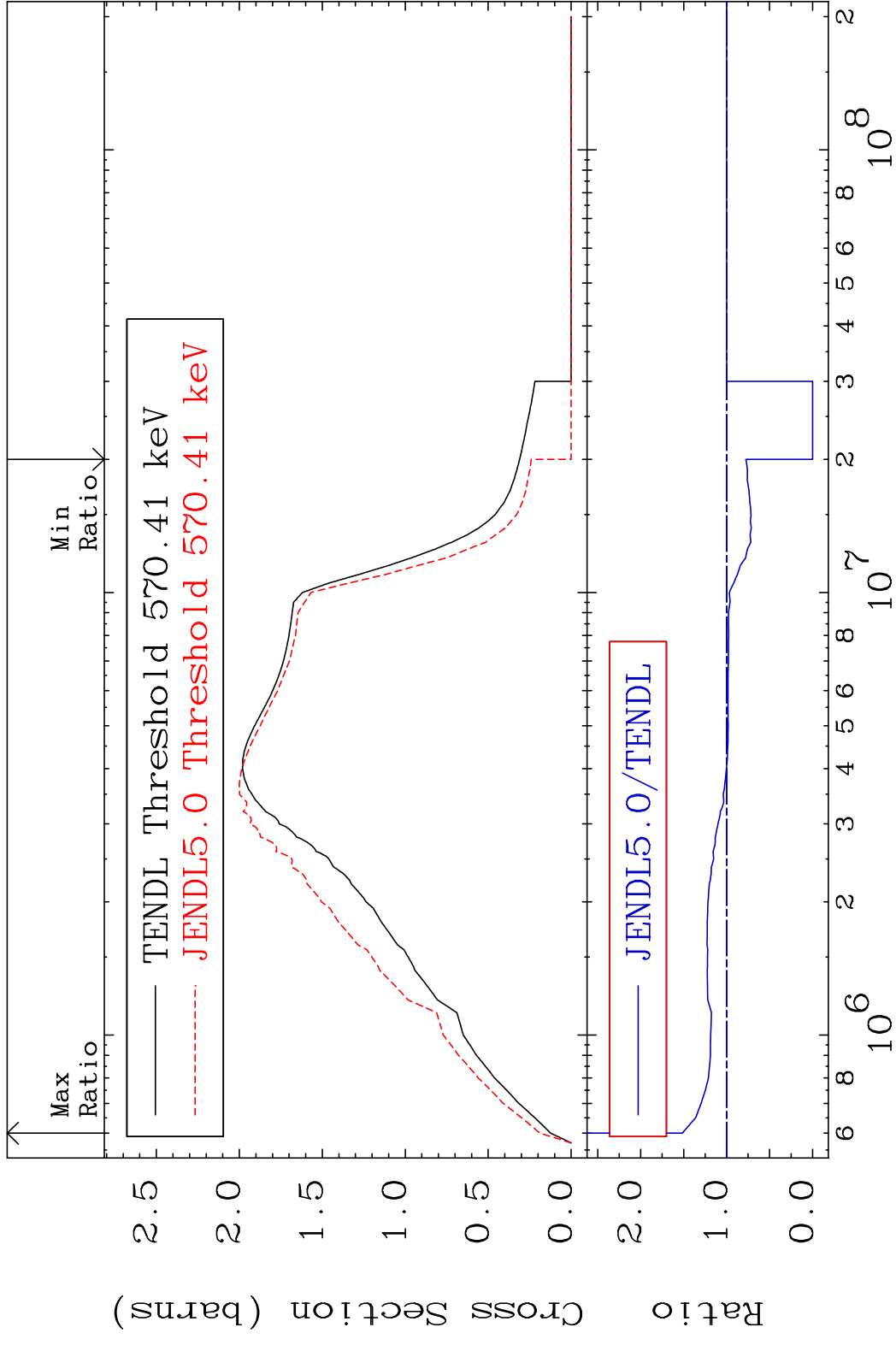
10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>  
10<sup>-2</sup>  
10<sup>-4</sup>  
10<sup>4</sup>  
10<sup>0</sup>  
10<sup>-4</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5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

2

Incident Energy (eV)

32-Ge-76

MAT 3243 Inelastic Cross Section -100.0 To 51.54 % 32-Ge-76



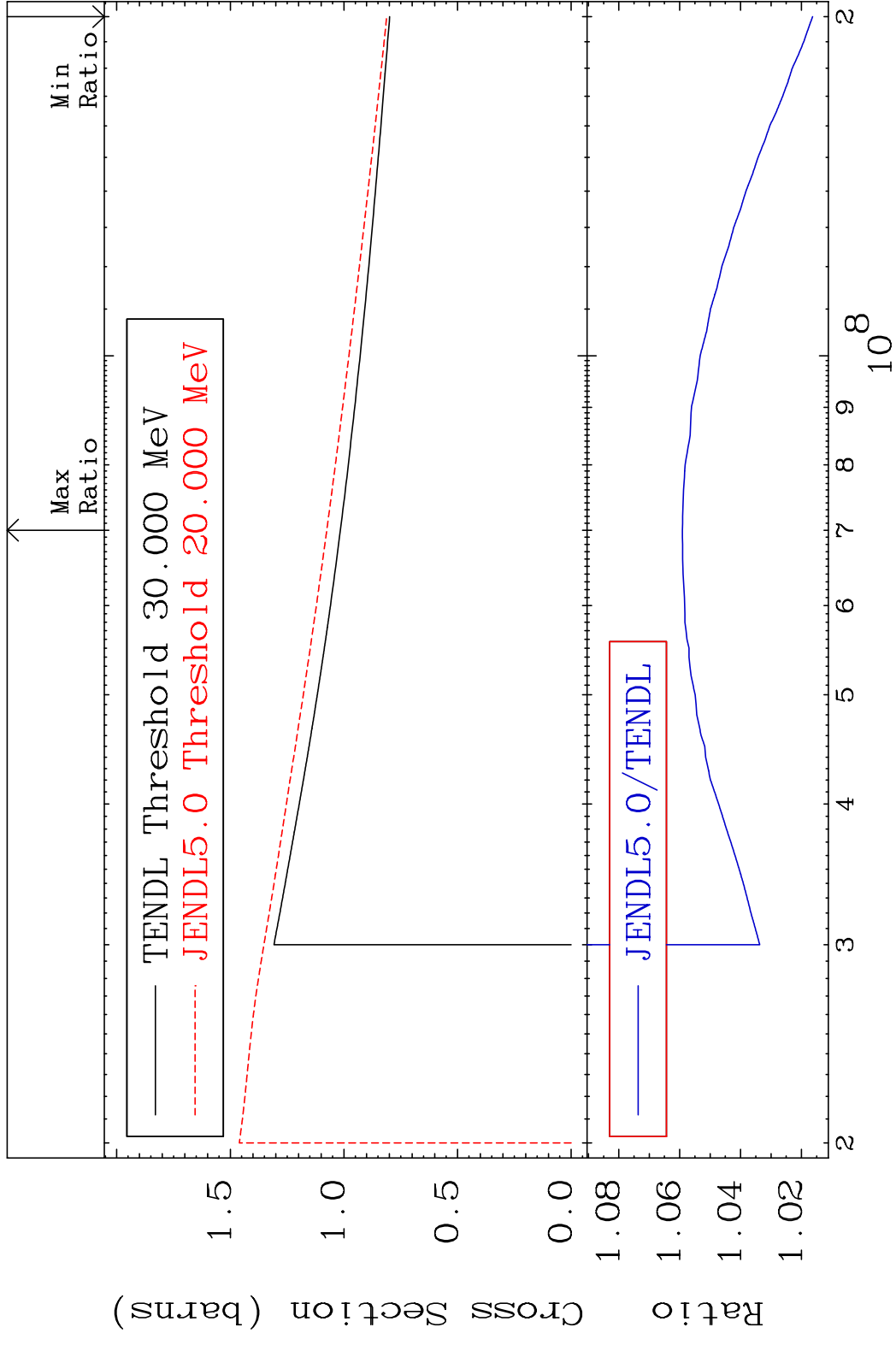
3 Incident Energy (eV) 32-Ge-76

MAT 3243

(n, remainder)

32-Ge-76

Cross Section 1.635 To 5.913 %

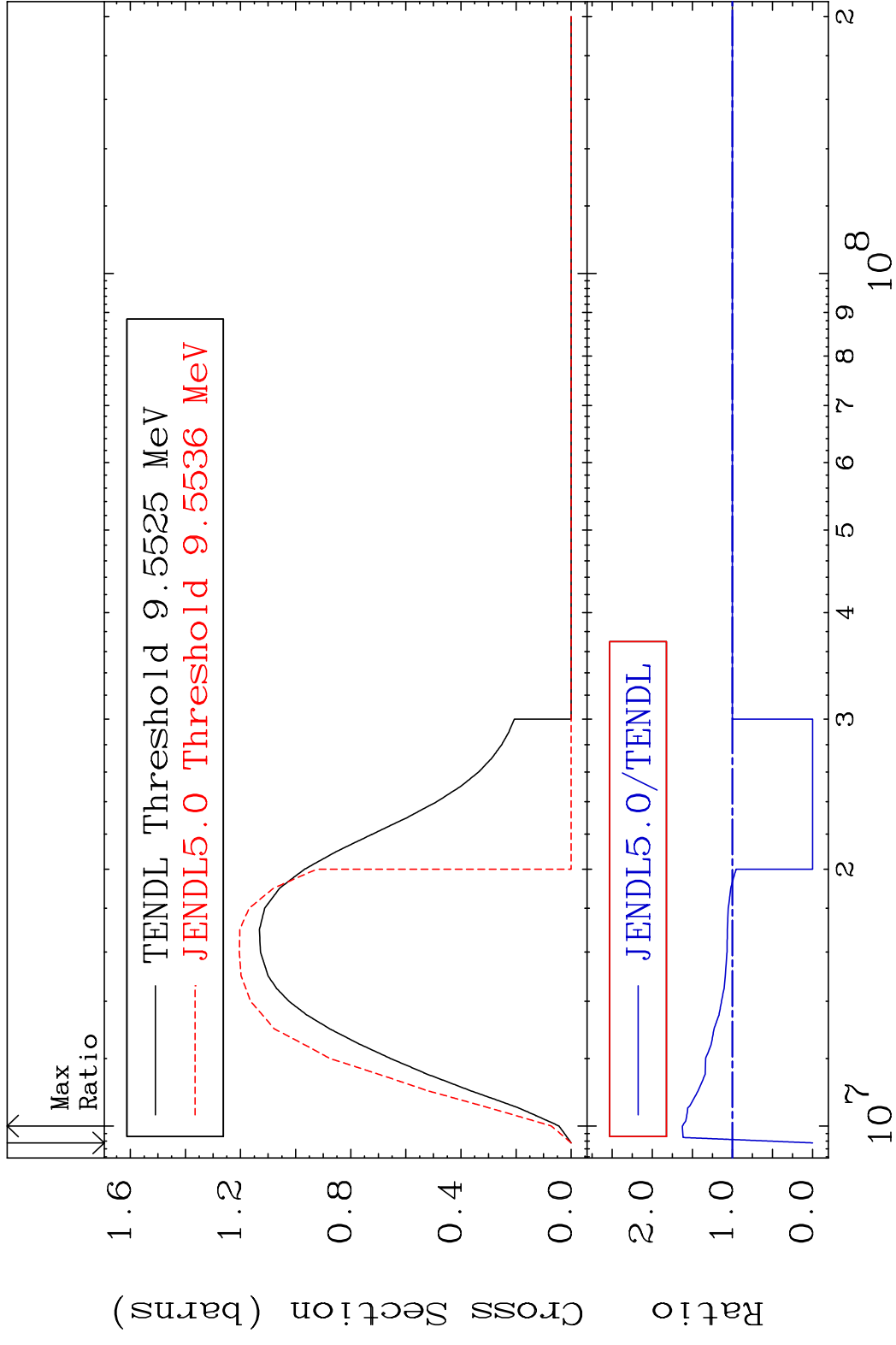


4

Incident Energy (eV)

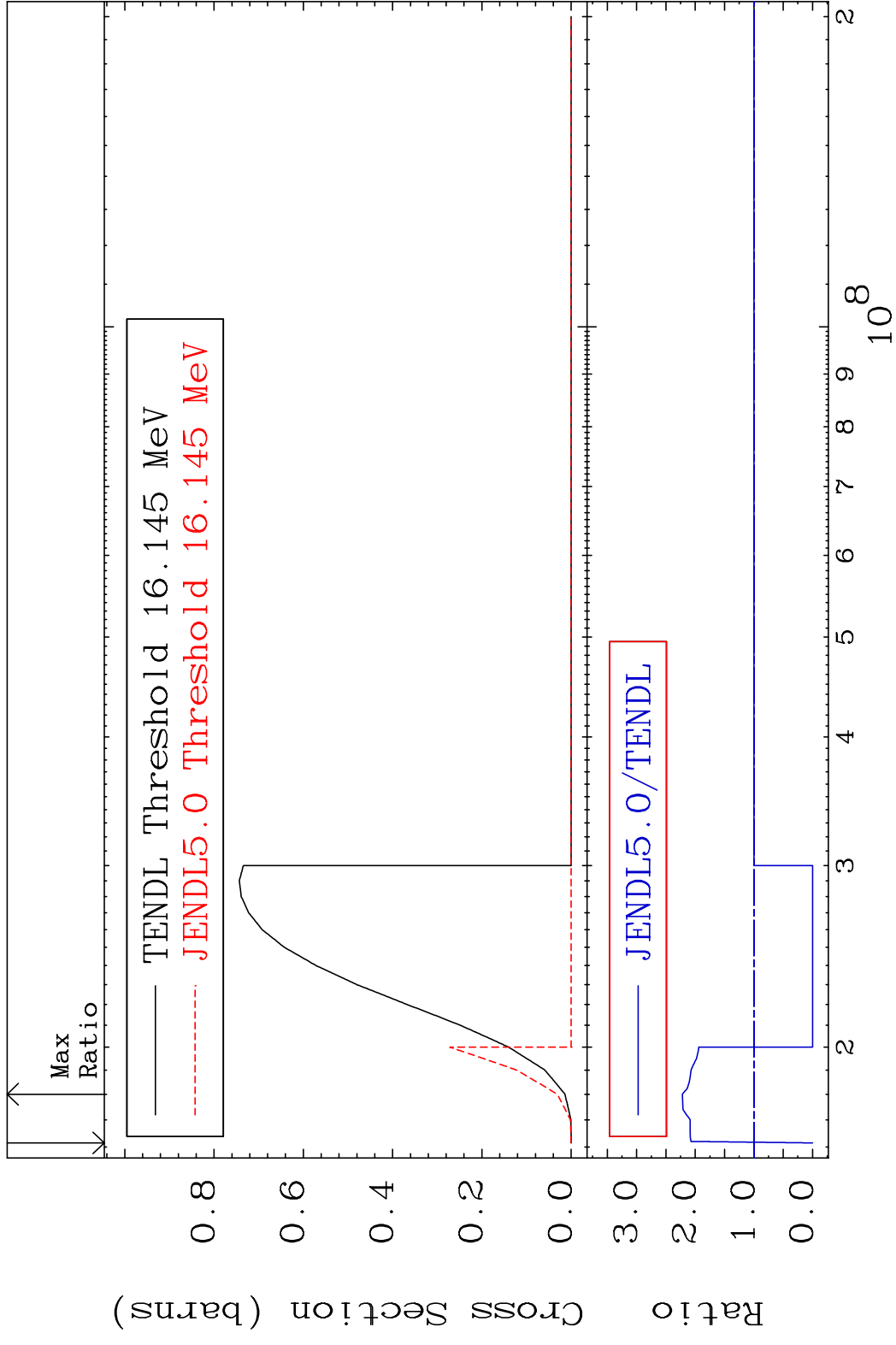
32-Ge-76

MAT 3243 (n,2n) 32-Ge-76  
 Cross Section -100.0 To 62.47 %

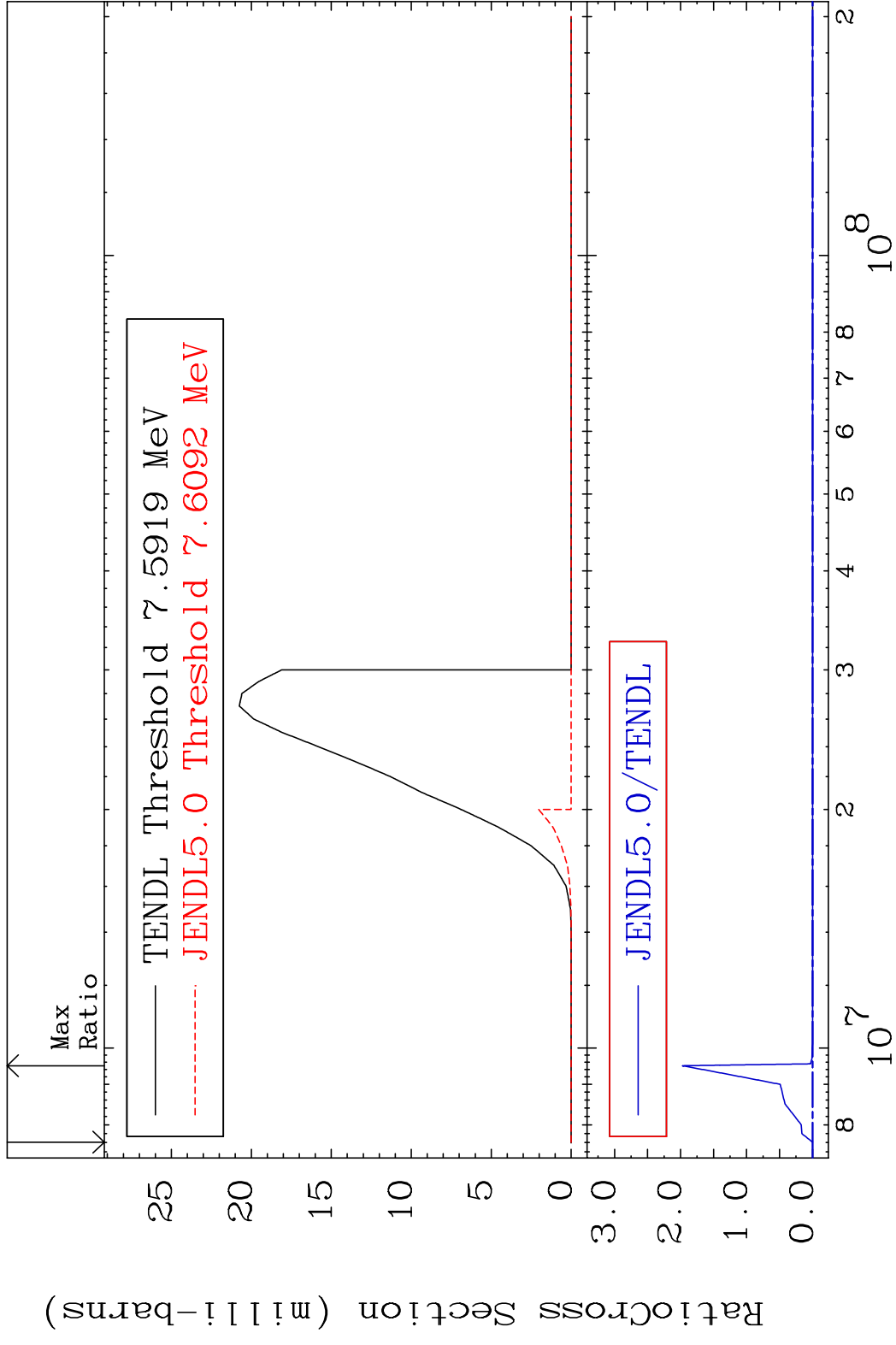


5 Incident Energy (eV) 32-Ge-76

MAT 3243 (n,3n) 32-Ge-76  
 Cross Section -100.0 To 122.0 %

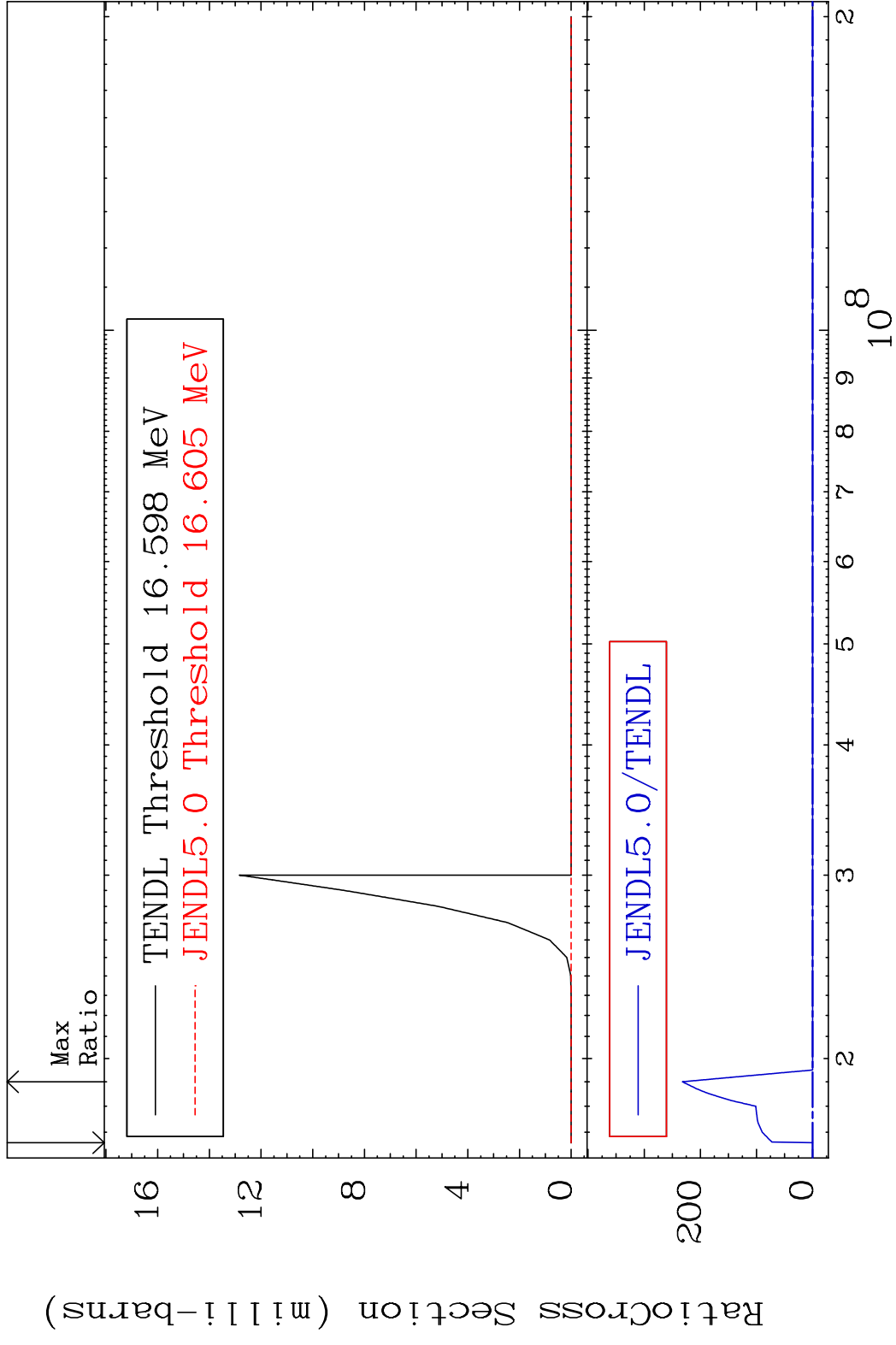


MAT 3243 (n, n')  $\alpha$  32-Ge-76  
 Cross Section -100.0 To 9999. %



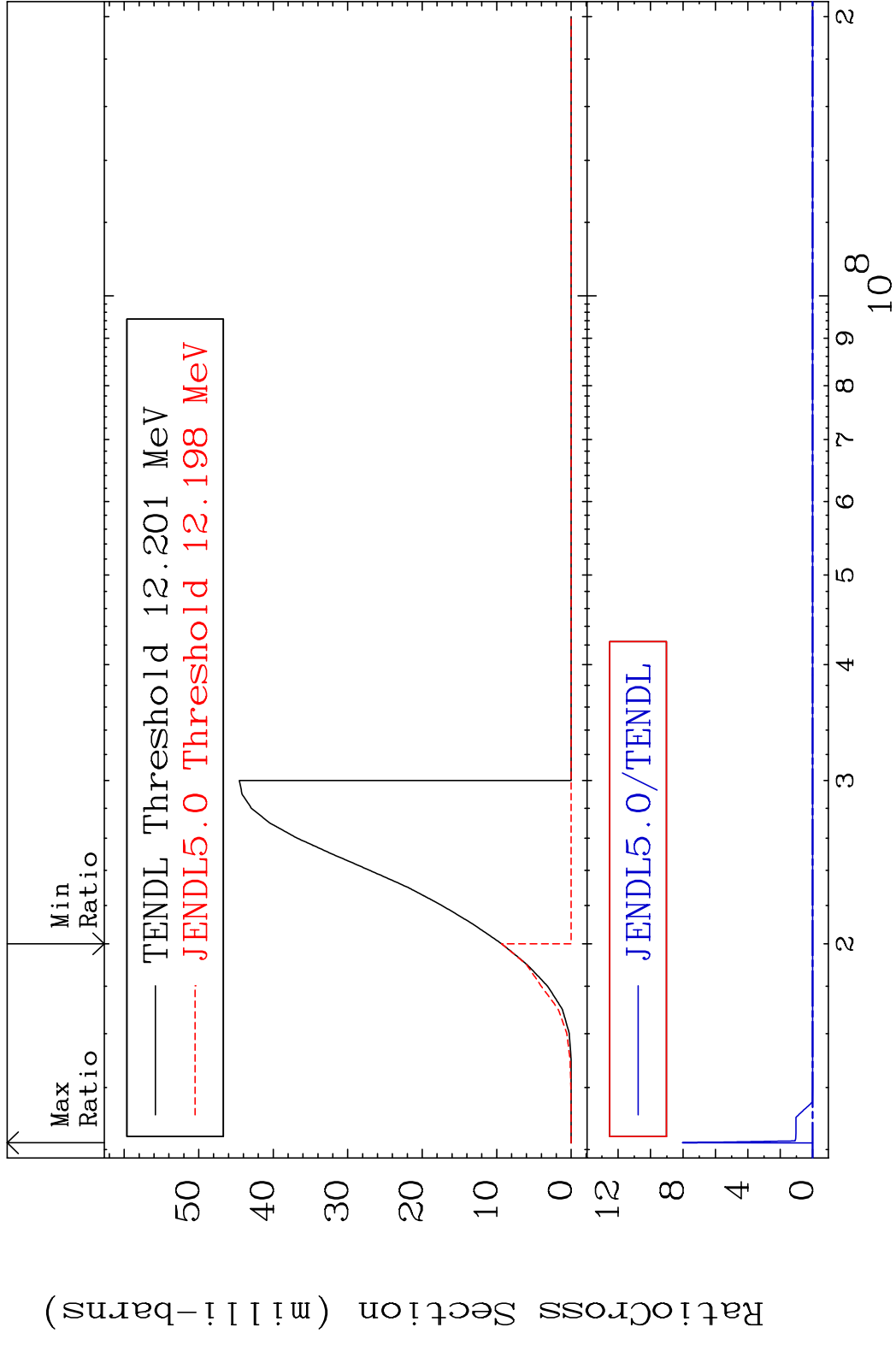


MAT 3243 (n,2n)  $\alpha$  32-Ge-76  
 Cross Section -100.0 To 9999. %

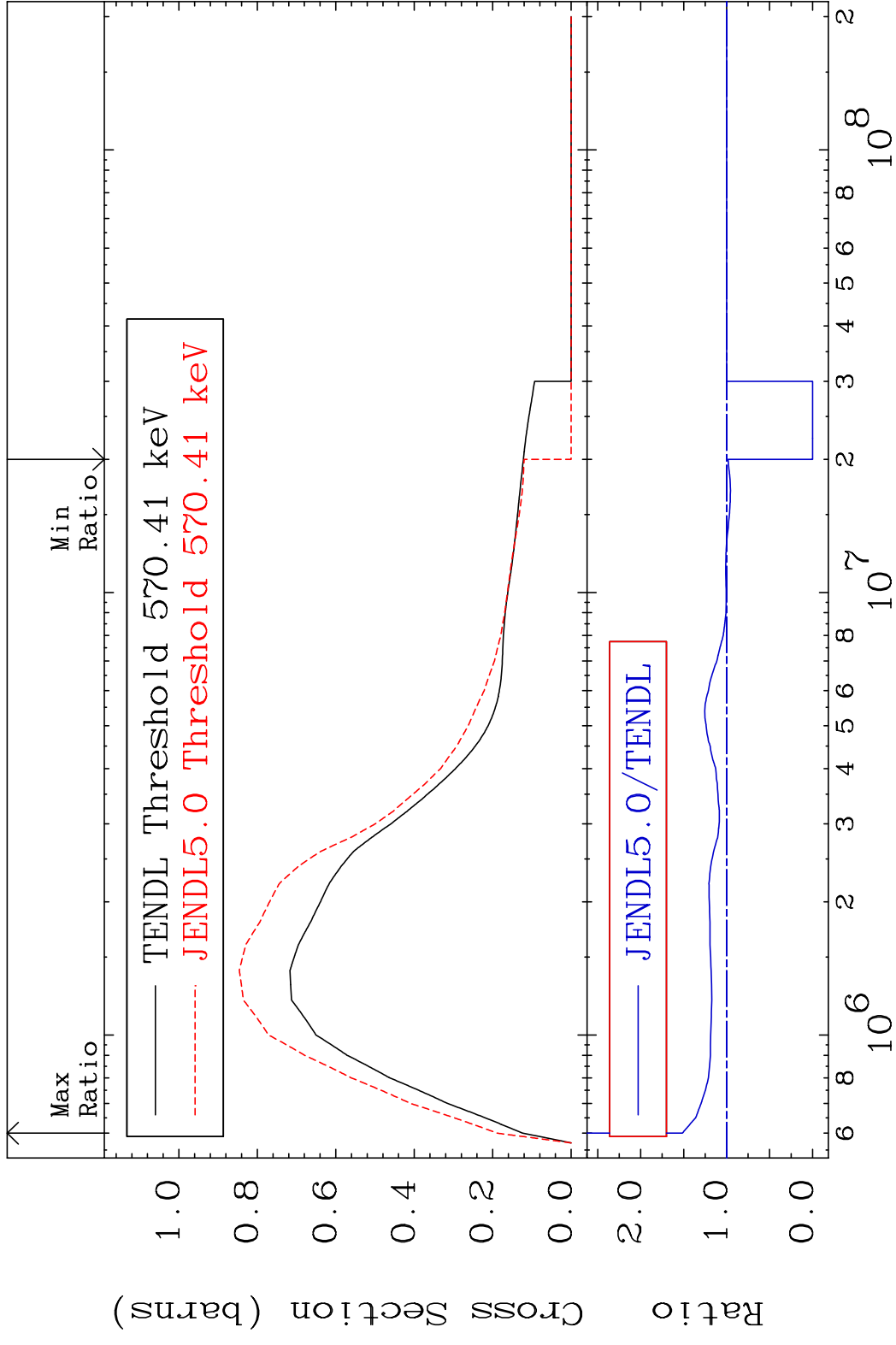


8 8 Incident Energy (eV) 32-Ge-76

MAT 3243 (n, n') p 32-Ge-76  
 Cross Section -100.0 To 9999. %

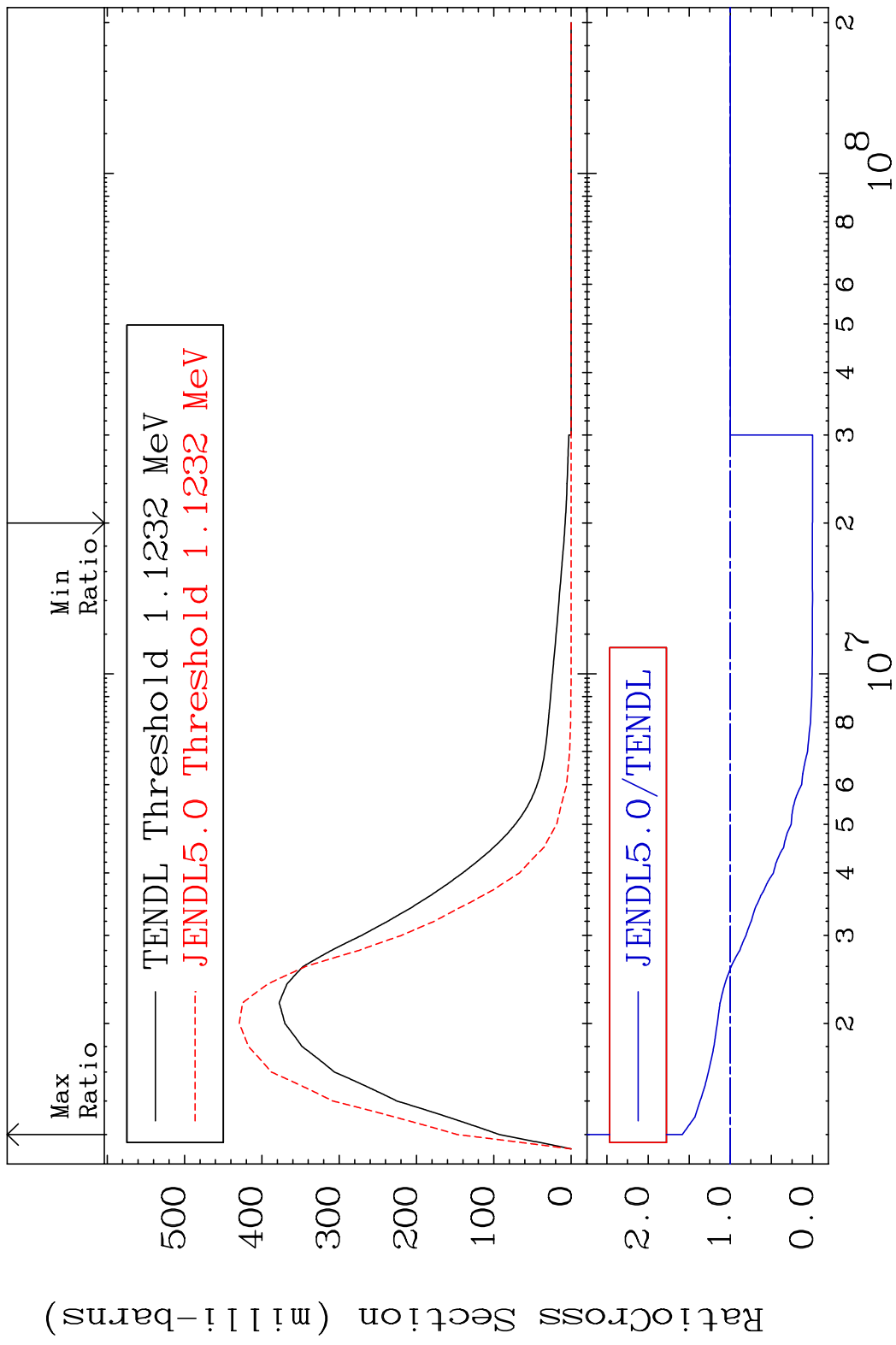


MAT 3243 MT= 51 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 51.54 %

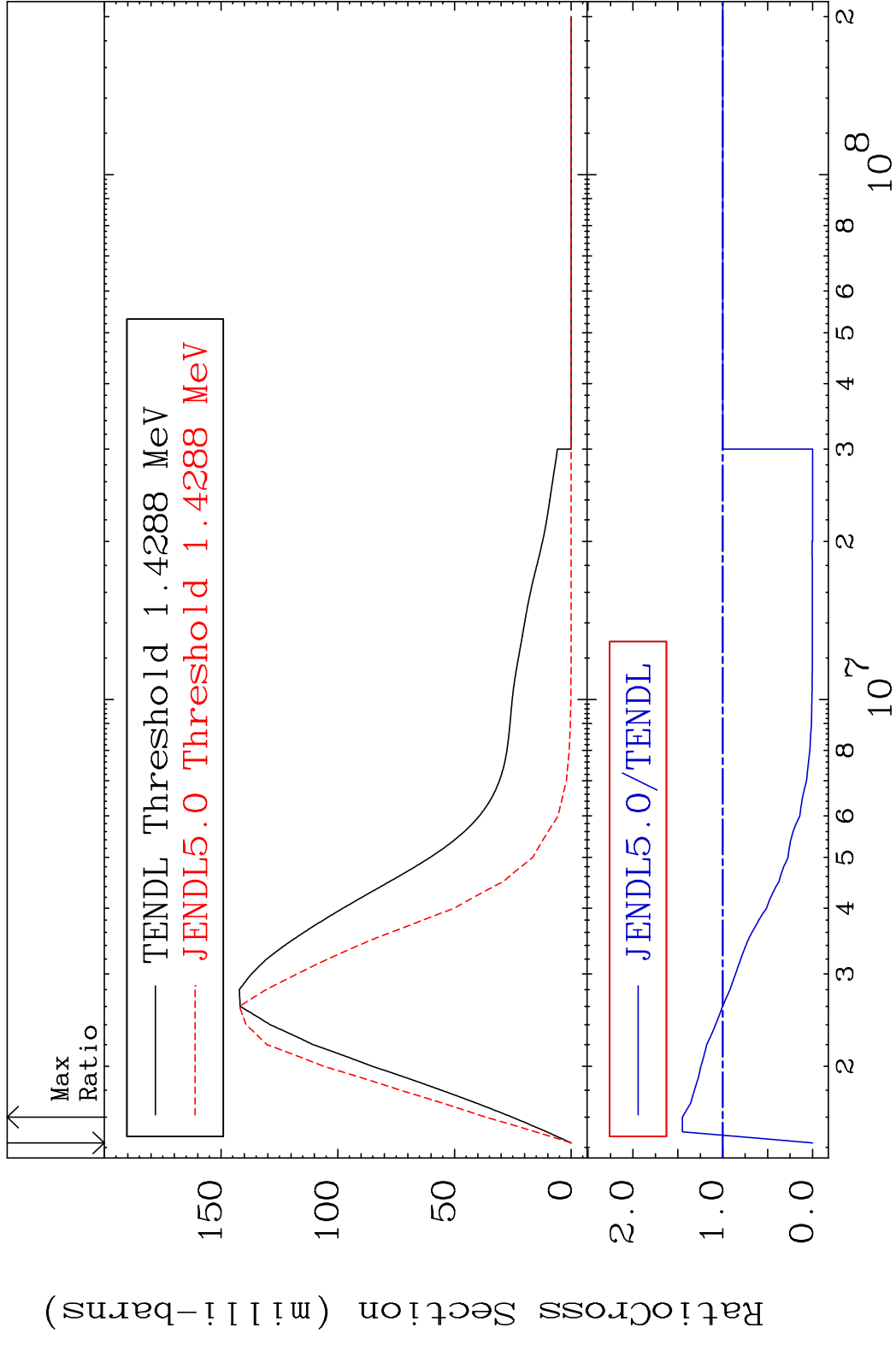


10 Incident Energy (eV) 32-Ge-76

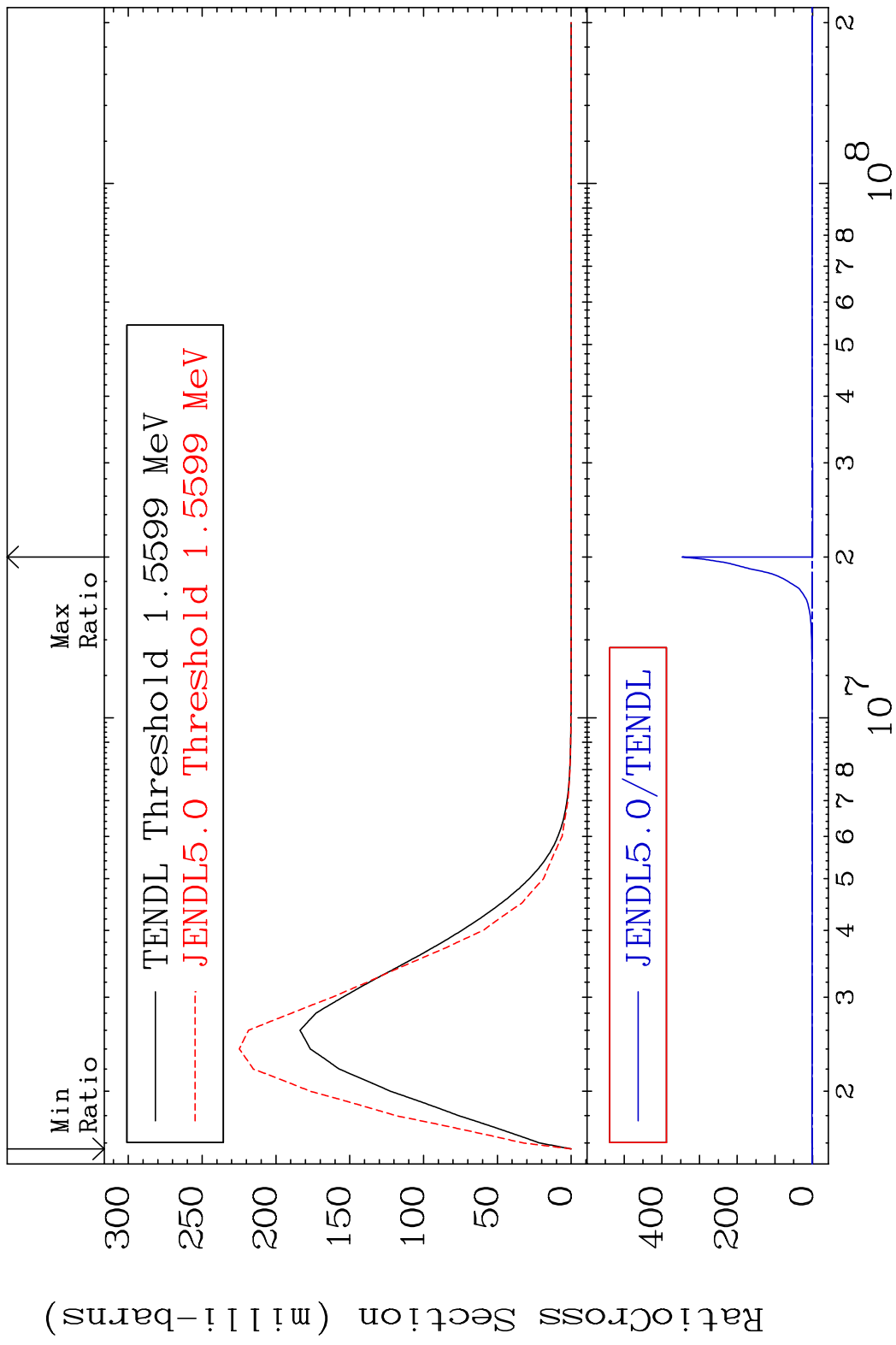
MAT 3243 MT= 52 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 58.33 %



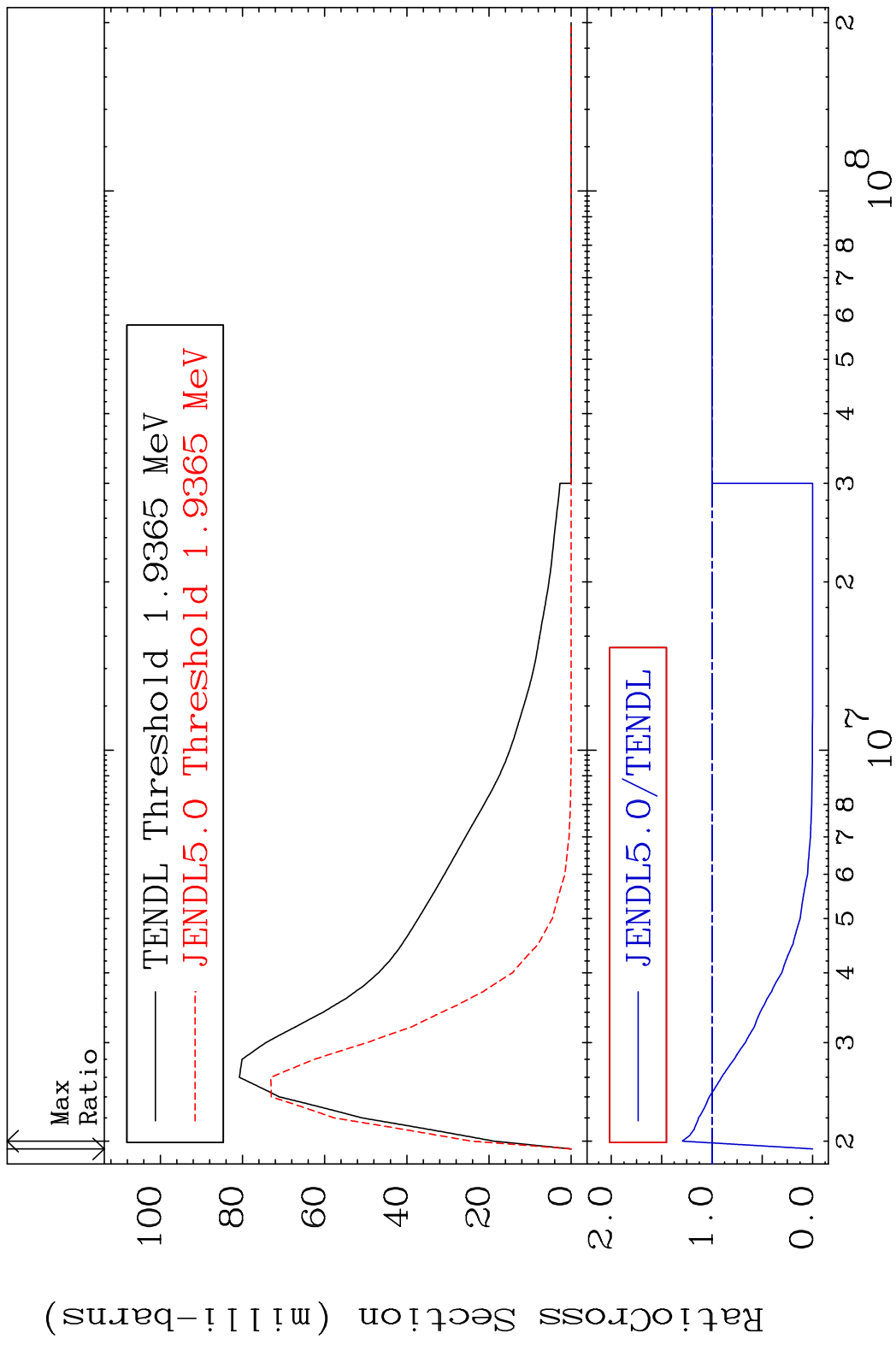
MAT 3243 MT= 53 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 44.98 %



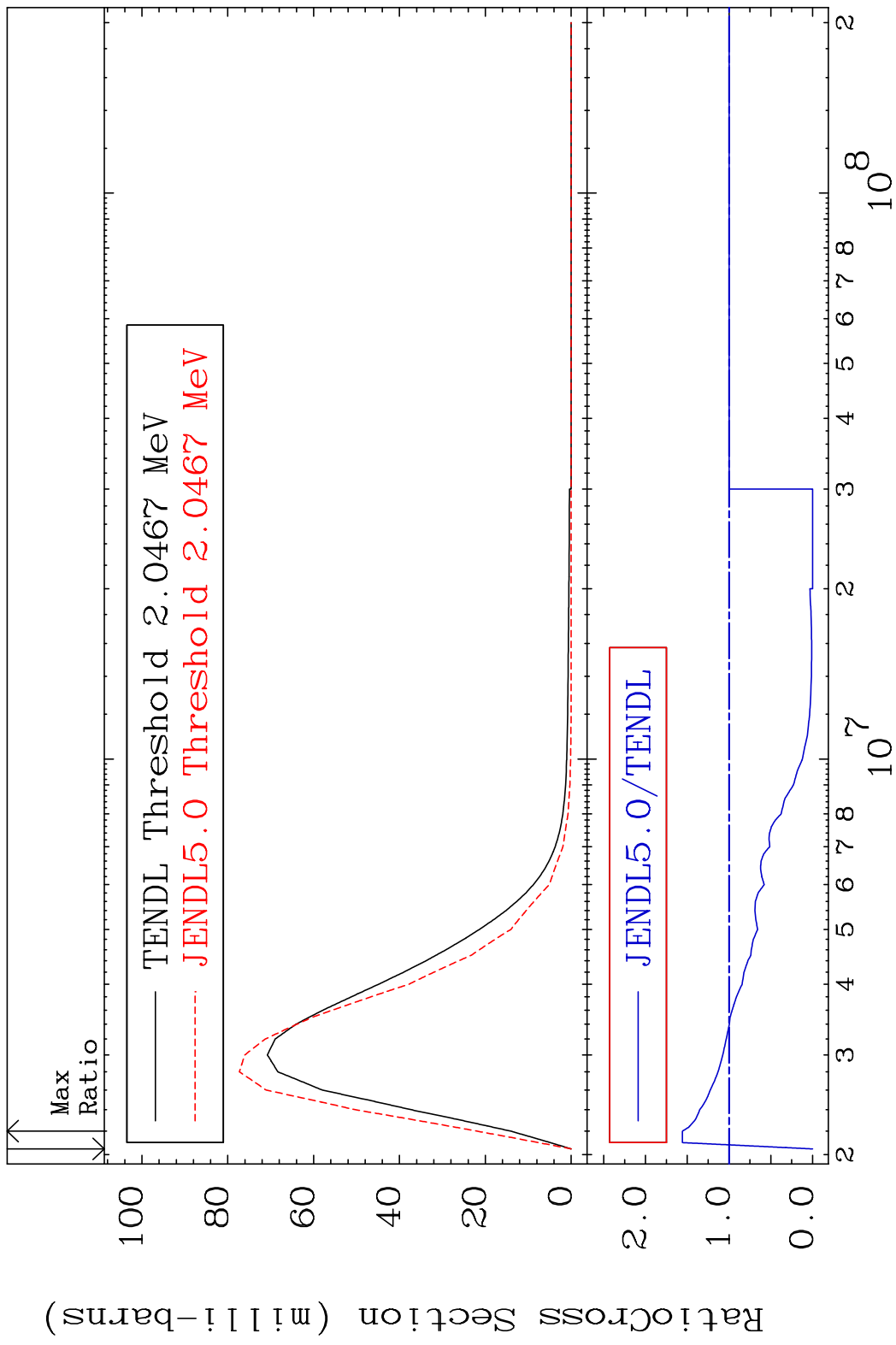
MAT 3243 MT= 54 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243 MT= 55 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 29.41 %

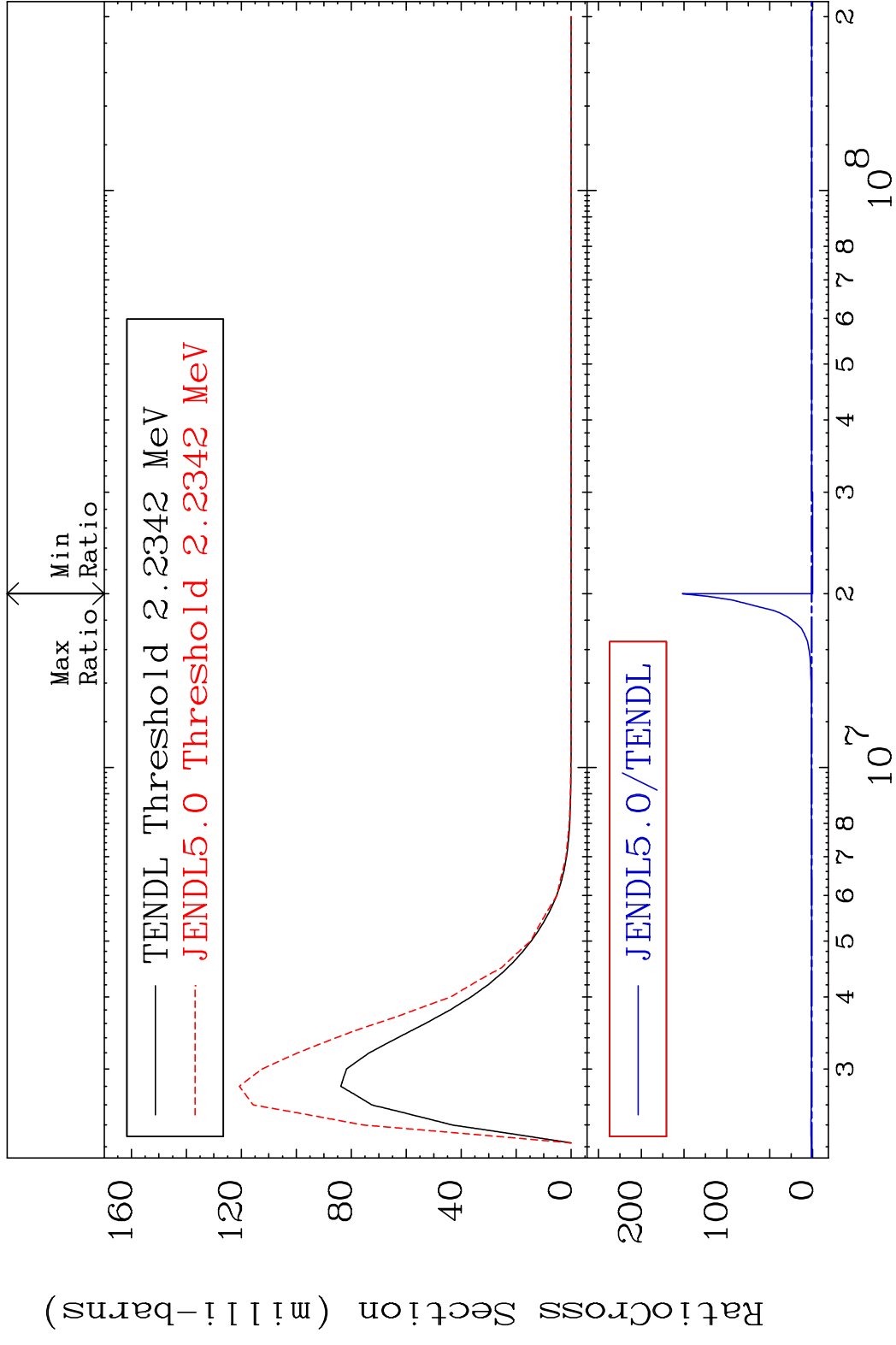


MAT 3243 MT= 56 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 55.89 %

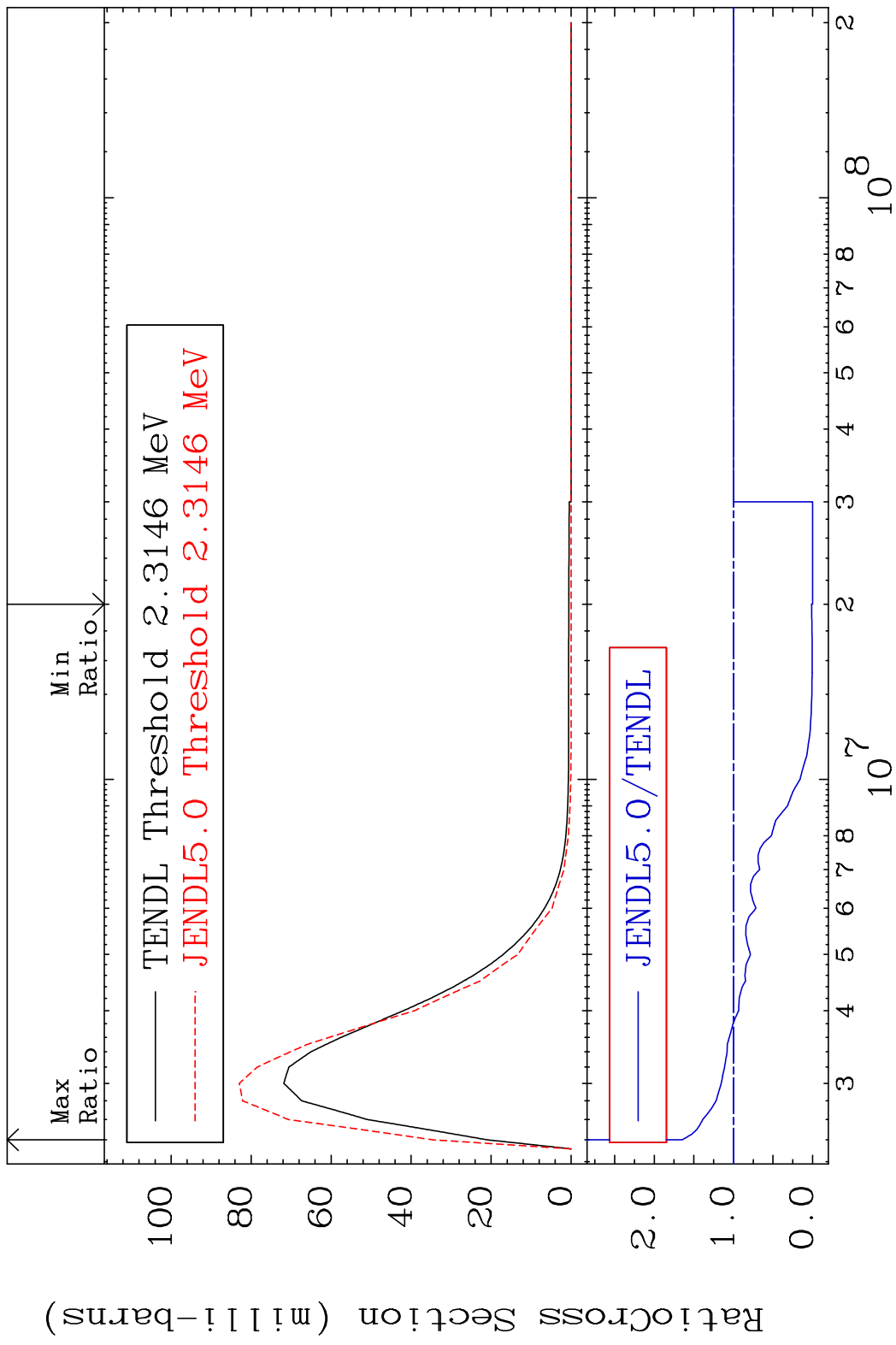




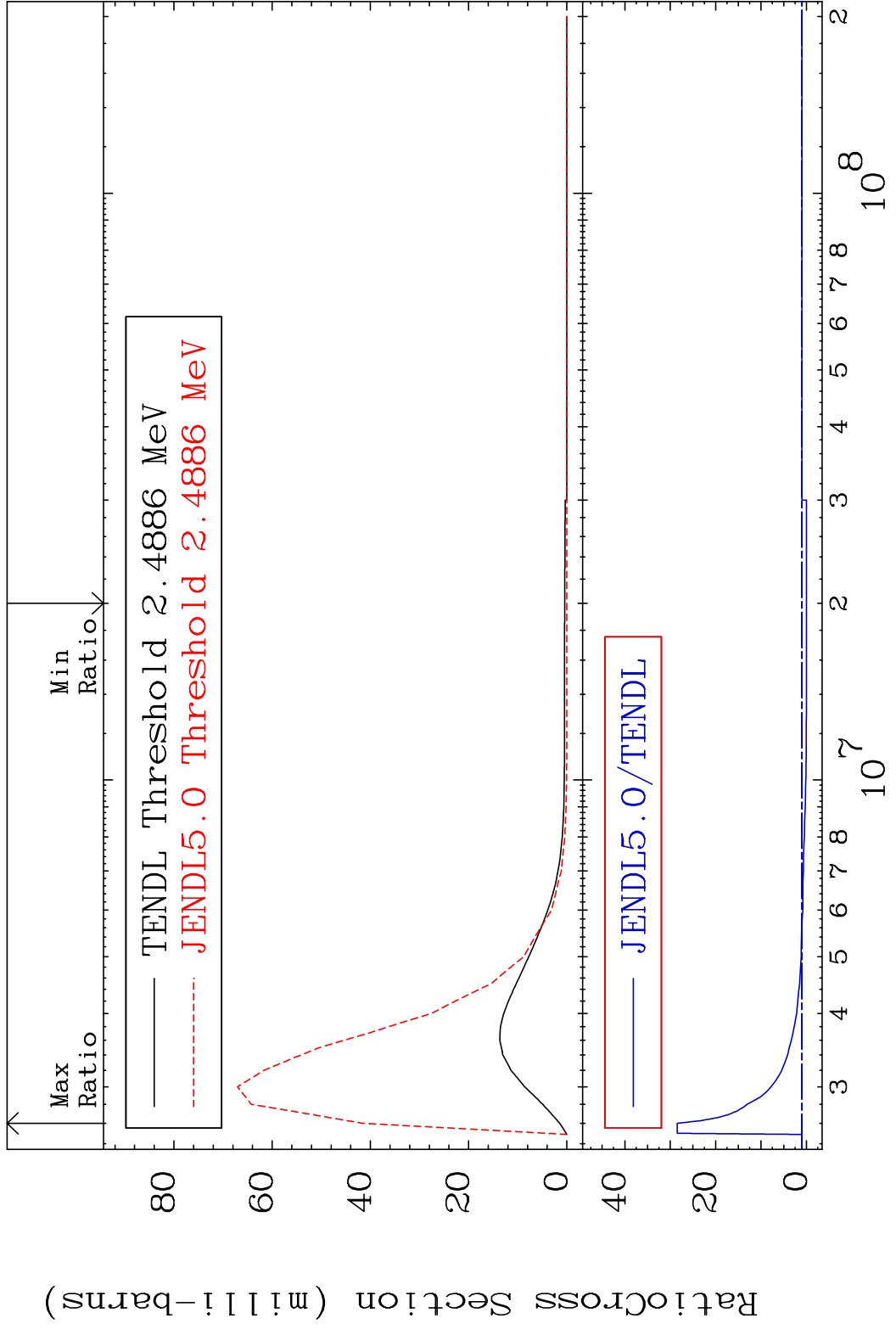
MAT 3243 MT= 57 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 9999. %



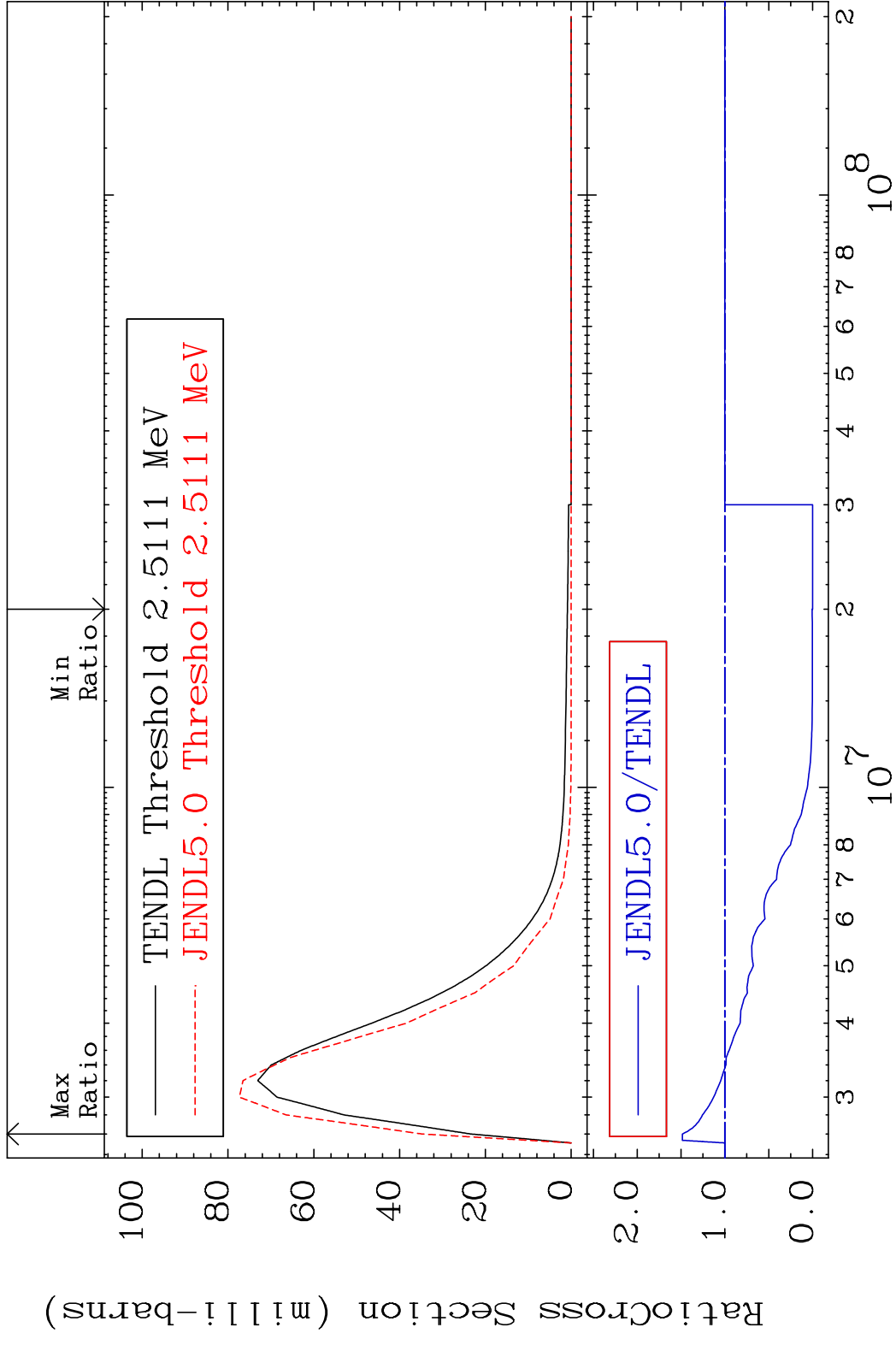
MAT 3243 MT= 58 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 64.53 %



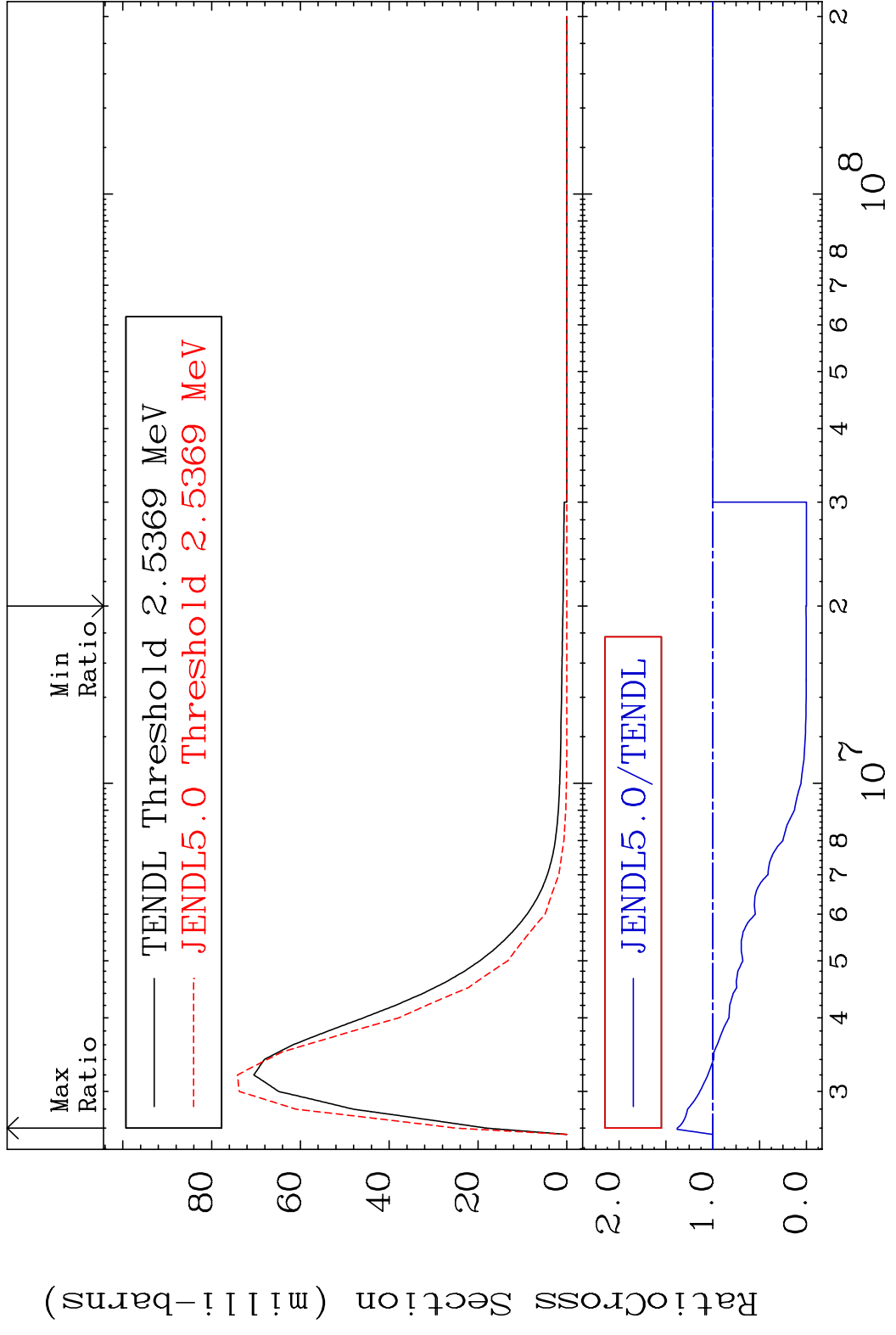
MAT 3243 MT= 59 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 2747. %



MAT 3243 MT= 60 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 48.51 %

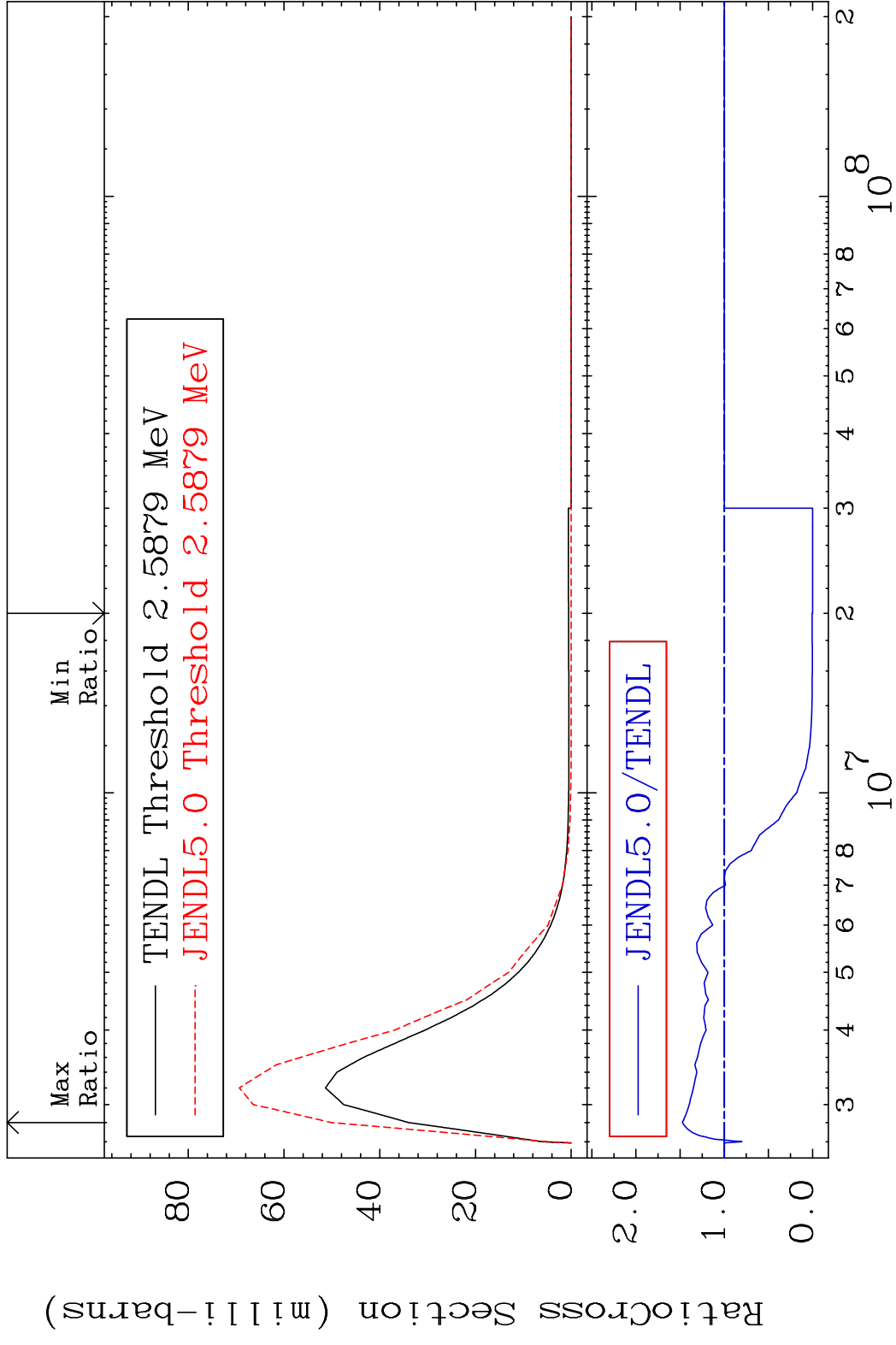


MAT 3243 MT= 61 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 37.94 %

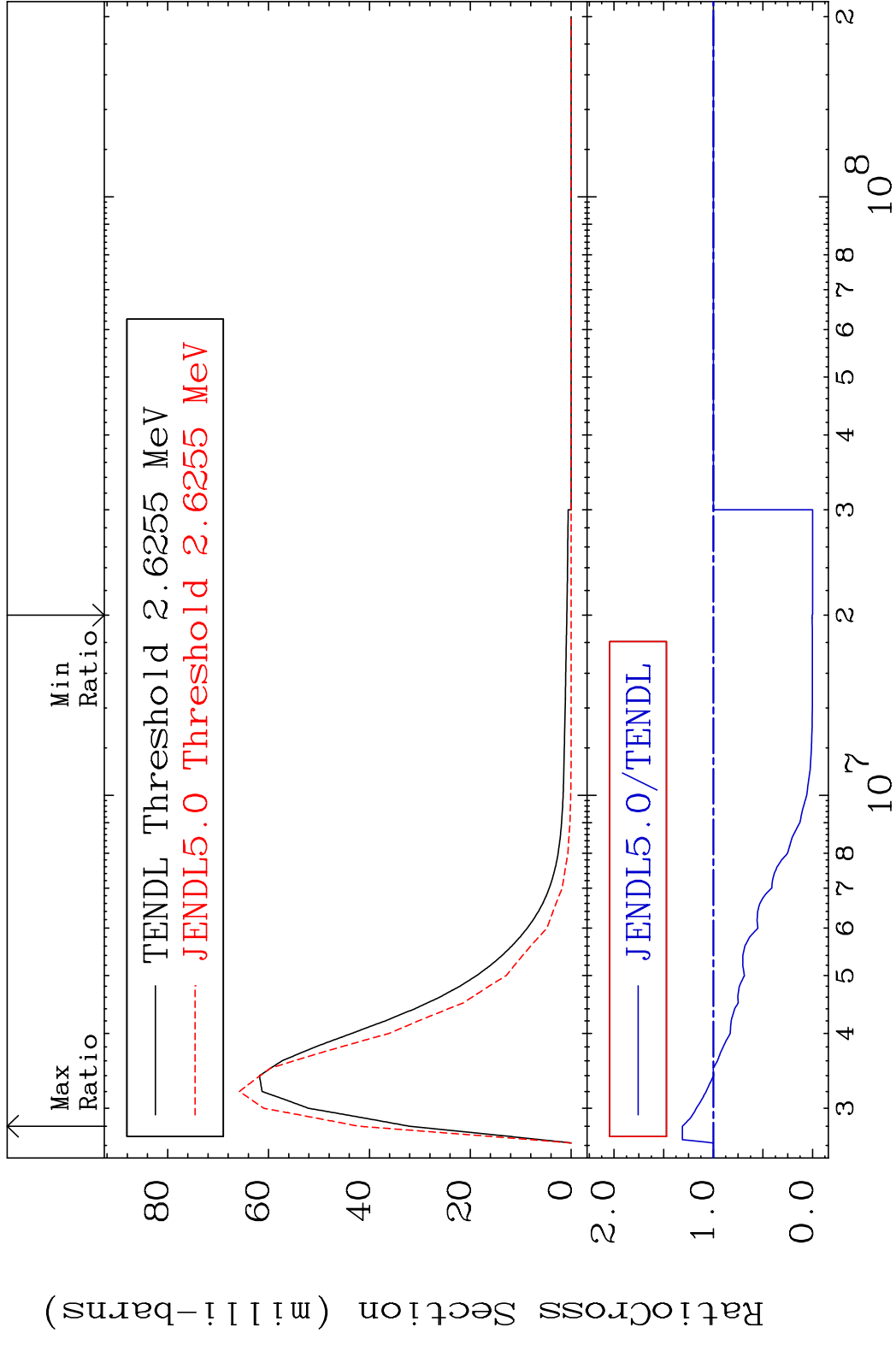


20 32-Ge-76

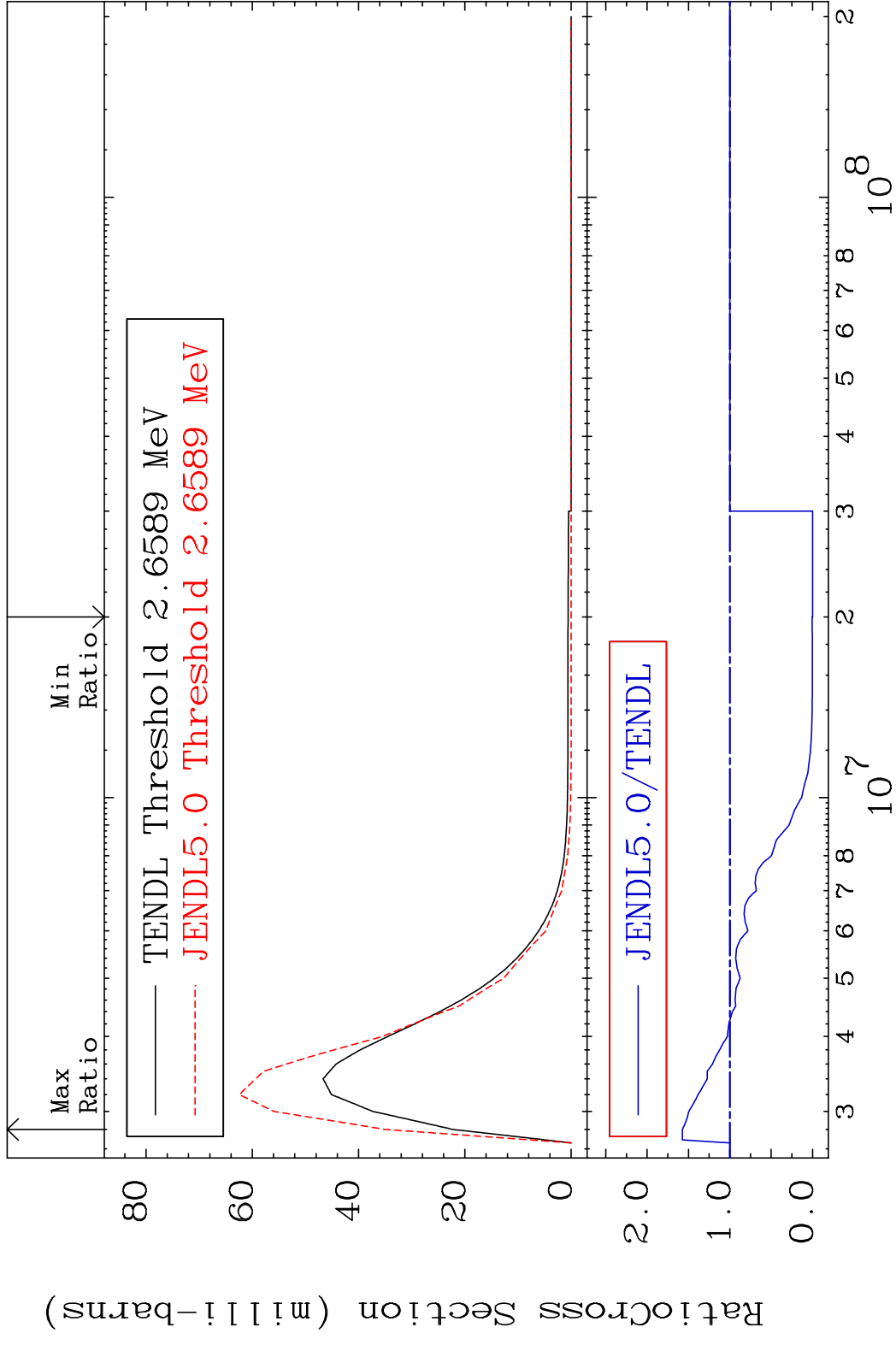
MAT 3243 MT= 62 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 47.46 %



MAT 3243 MT= 63 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 31.20 %

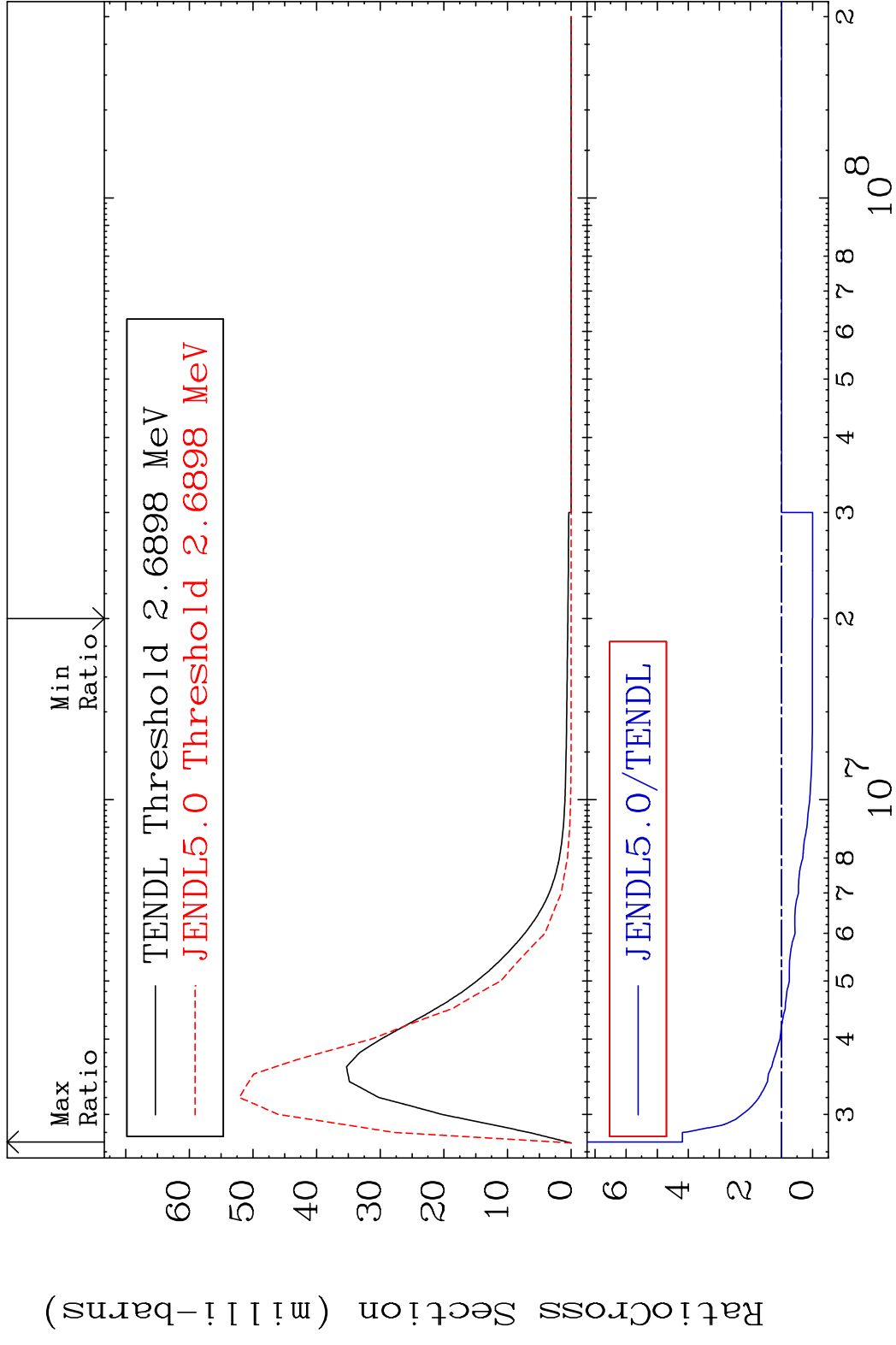


MAT 3243 MT= 64 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 57.41 %

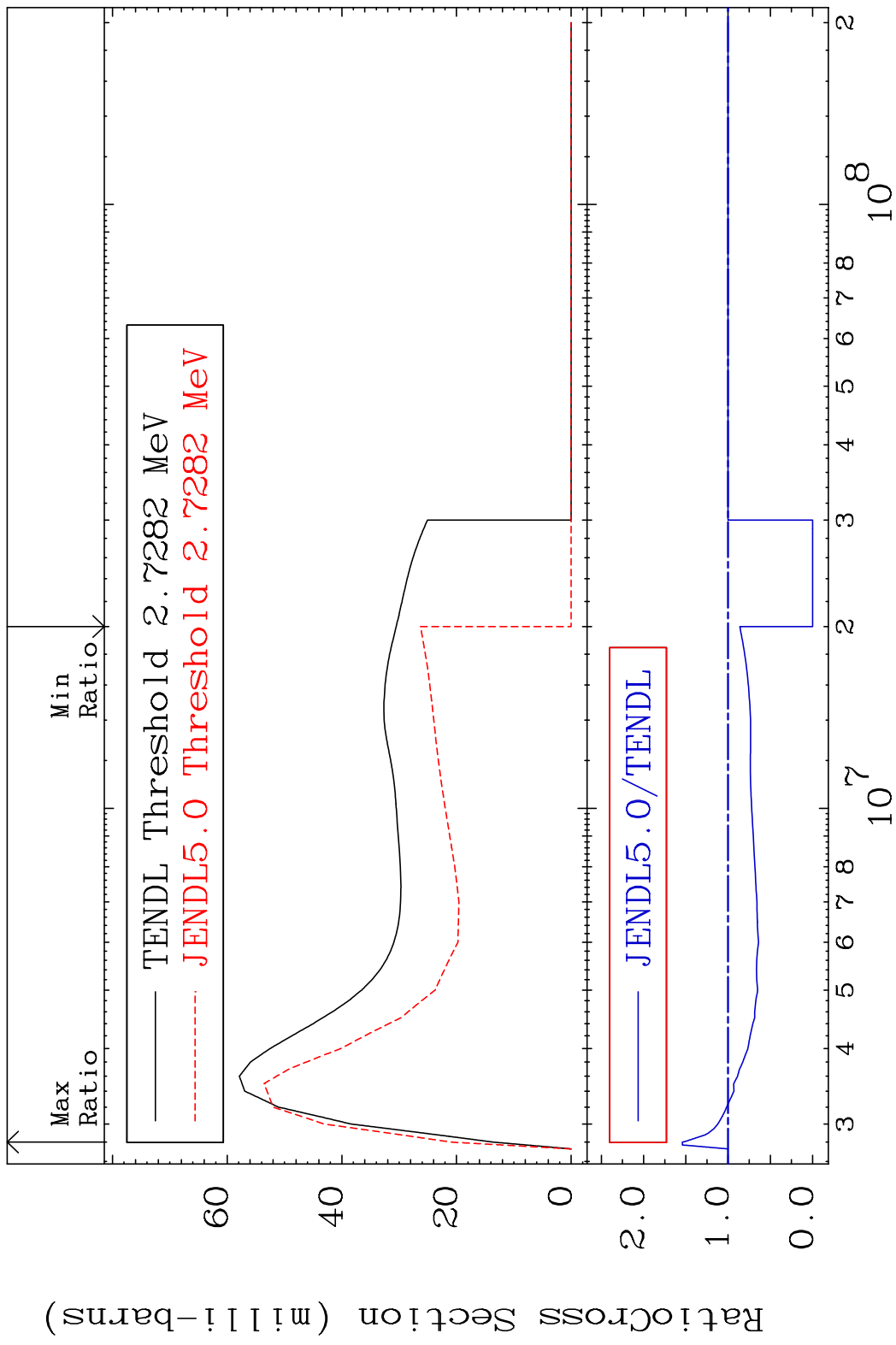




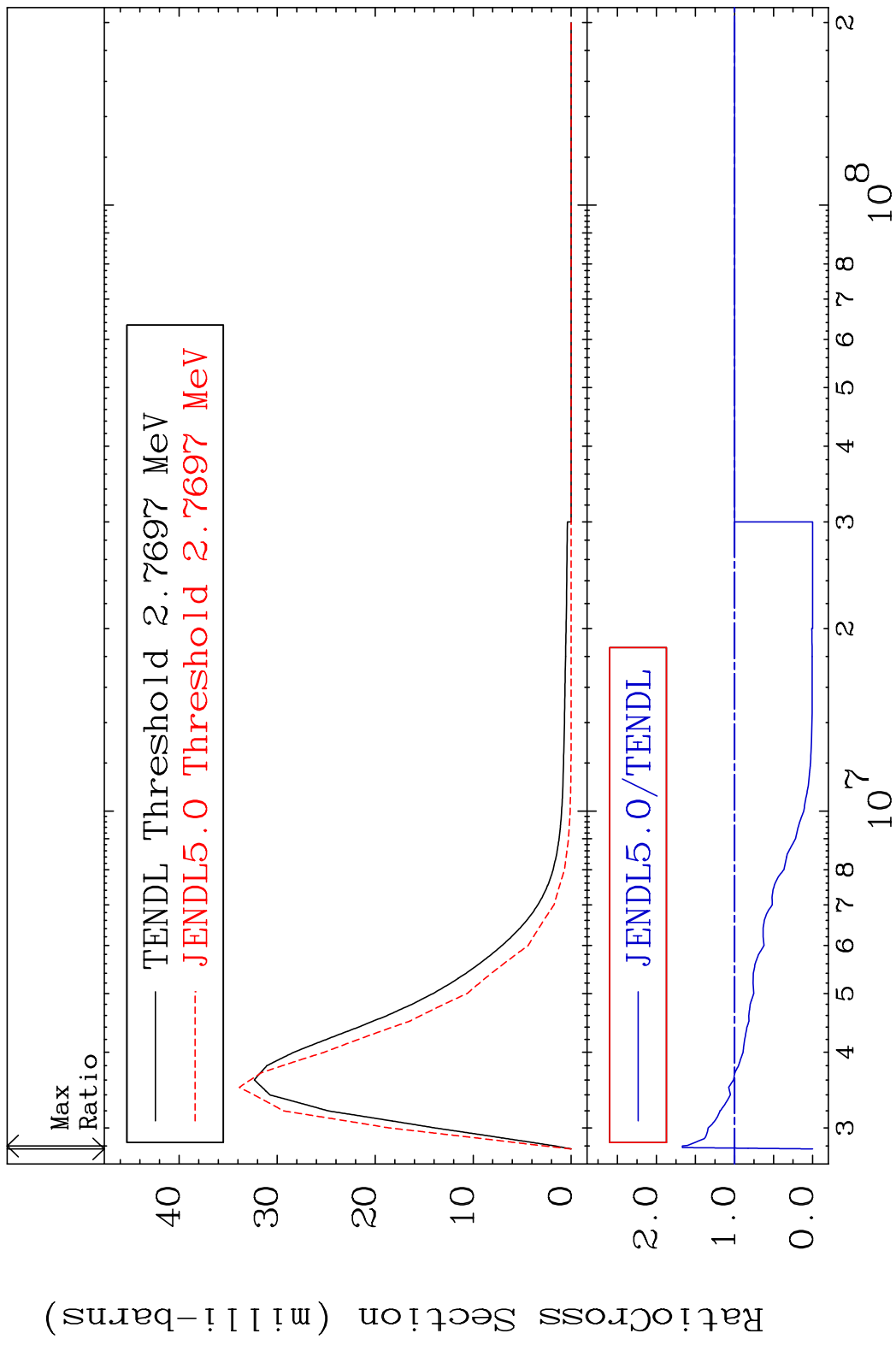
MAT 3243 MT= 65 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 319.1 %



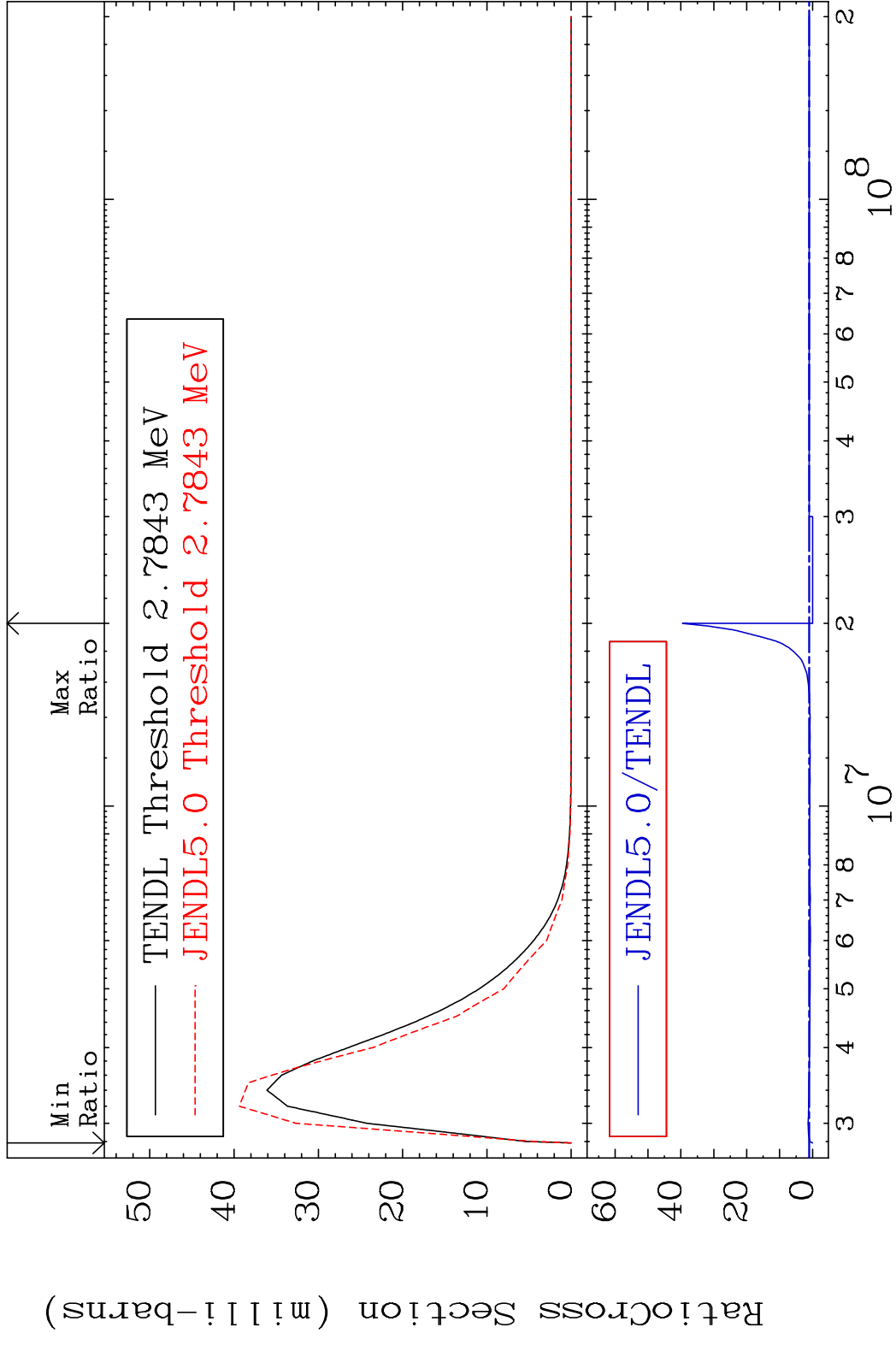
MAT 3243 MT= 66 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 54.12 %



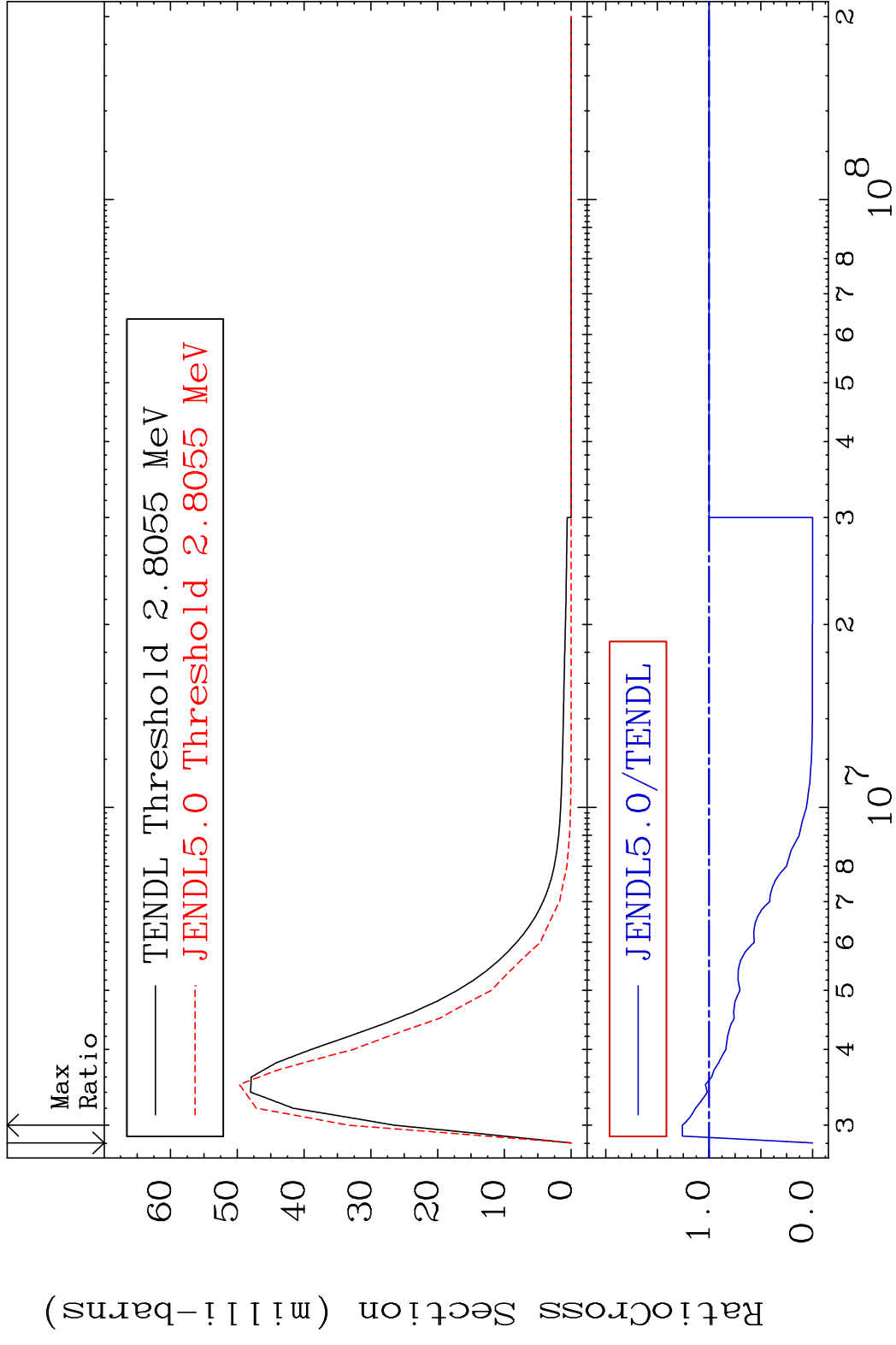
MAT 3243 MT= 67 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 66.83 %



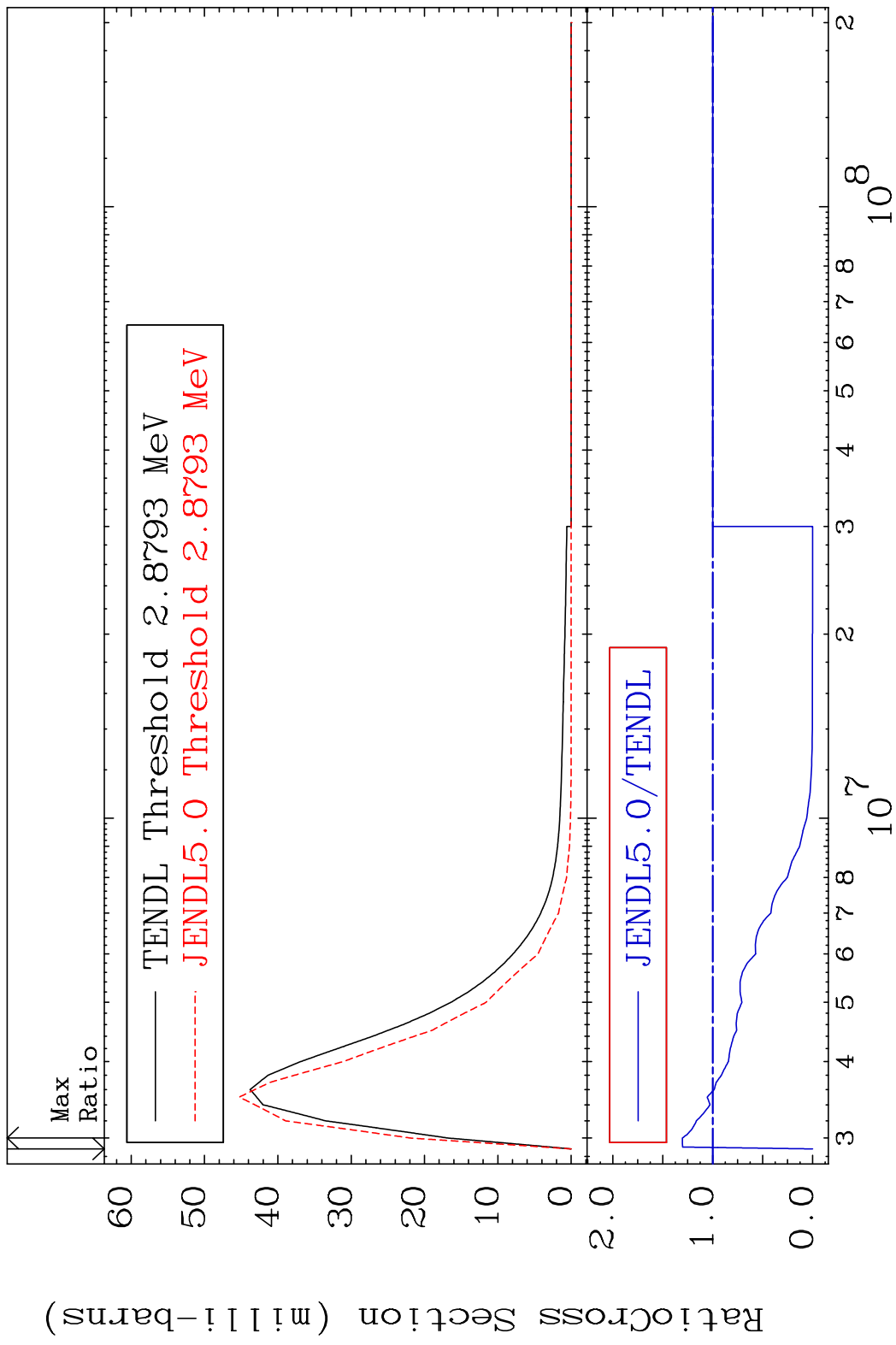
MAT 3243 MT= 68 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 3856. %



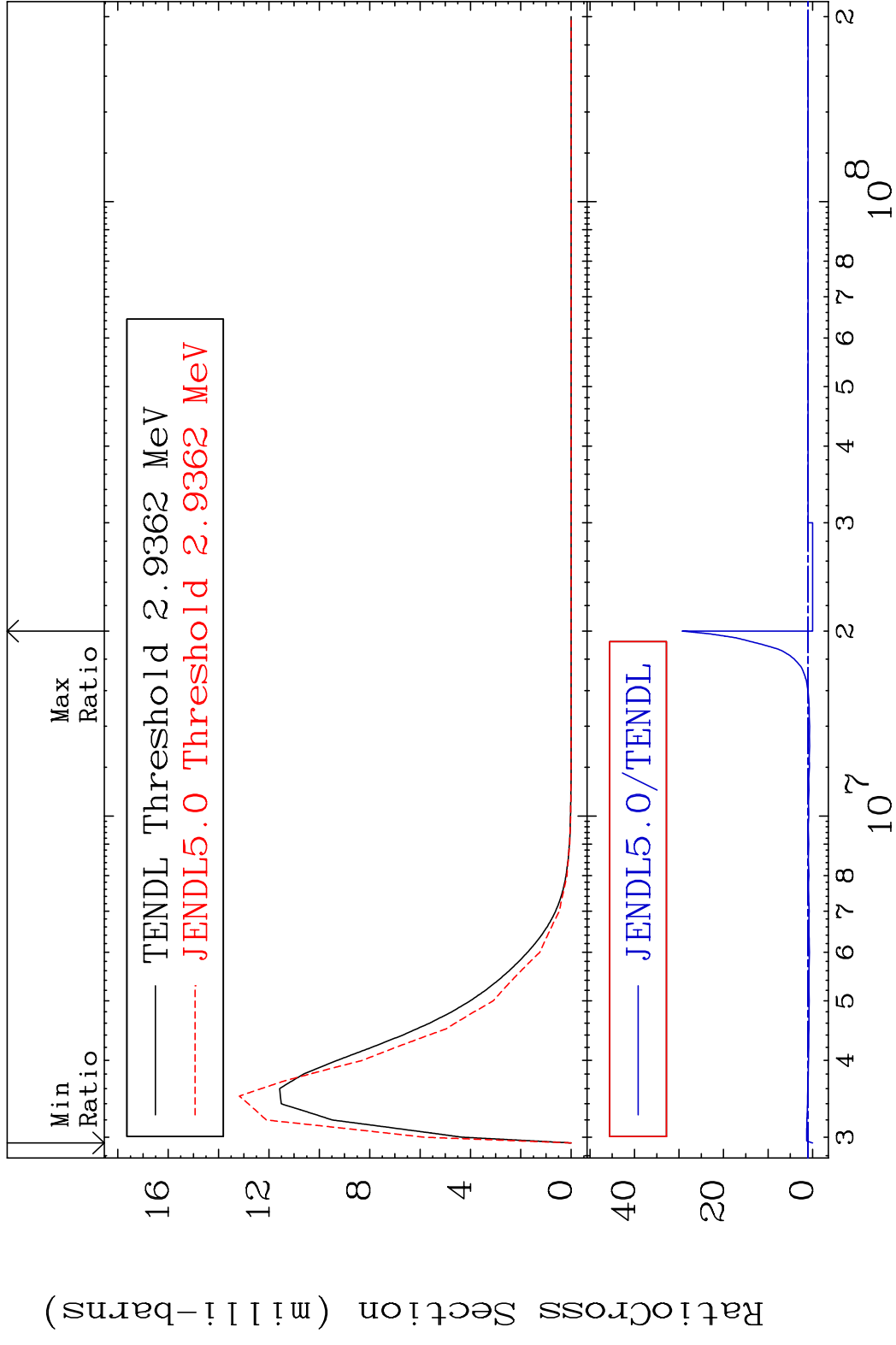
MAT 3243 MT= 69 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 25.88 %



MAT 3243 MT= 70 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 30.38 %

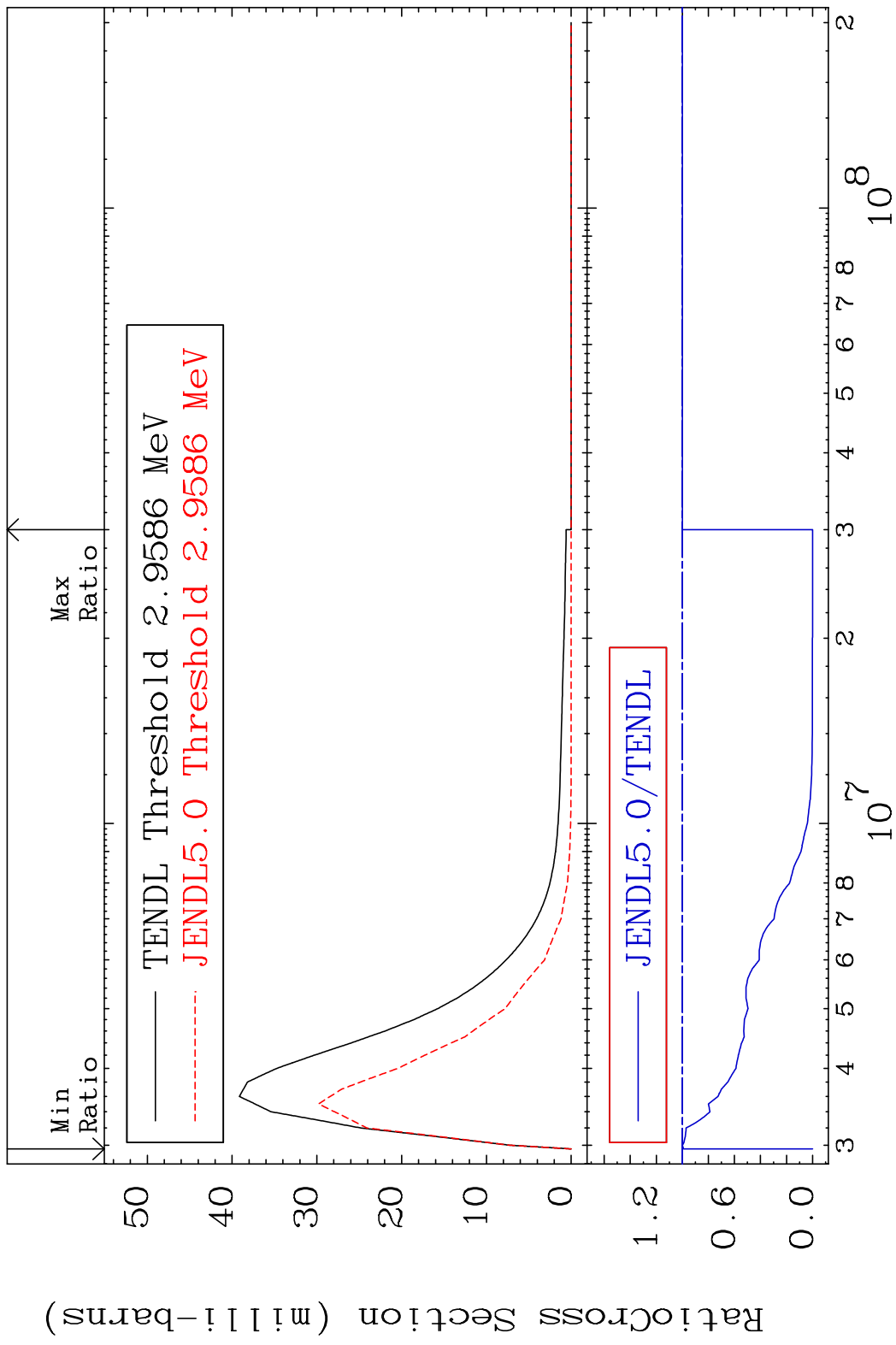


MAT 3243 MT= 71 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 2825. %



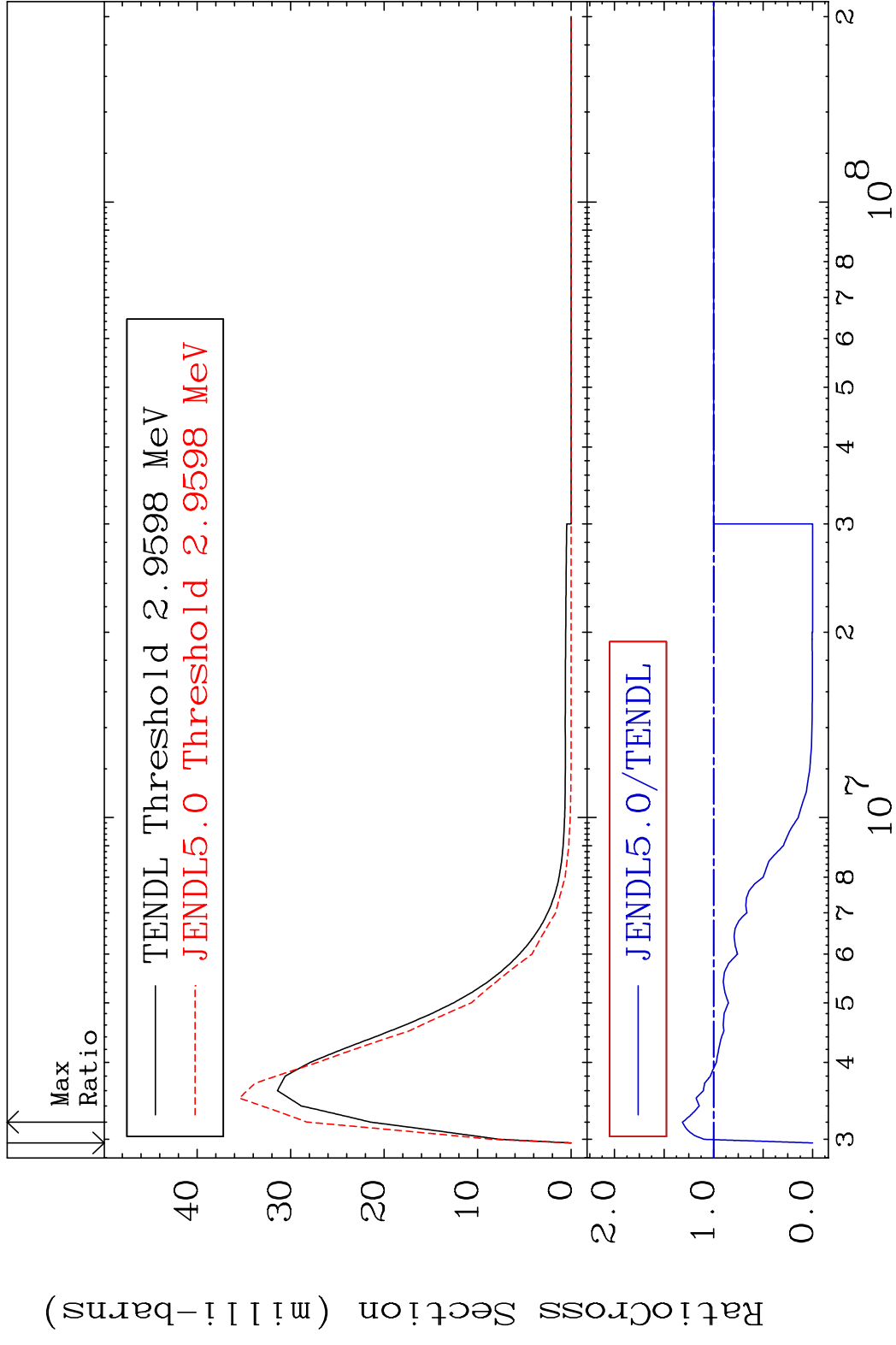
30 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 72 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 0.000 %

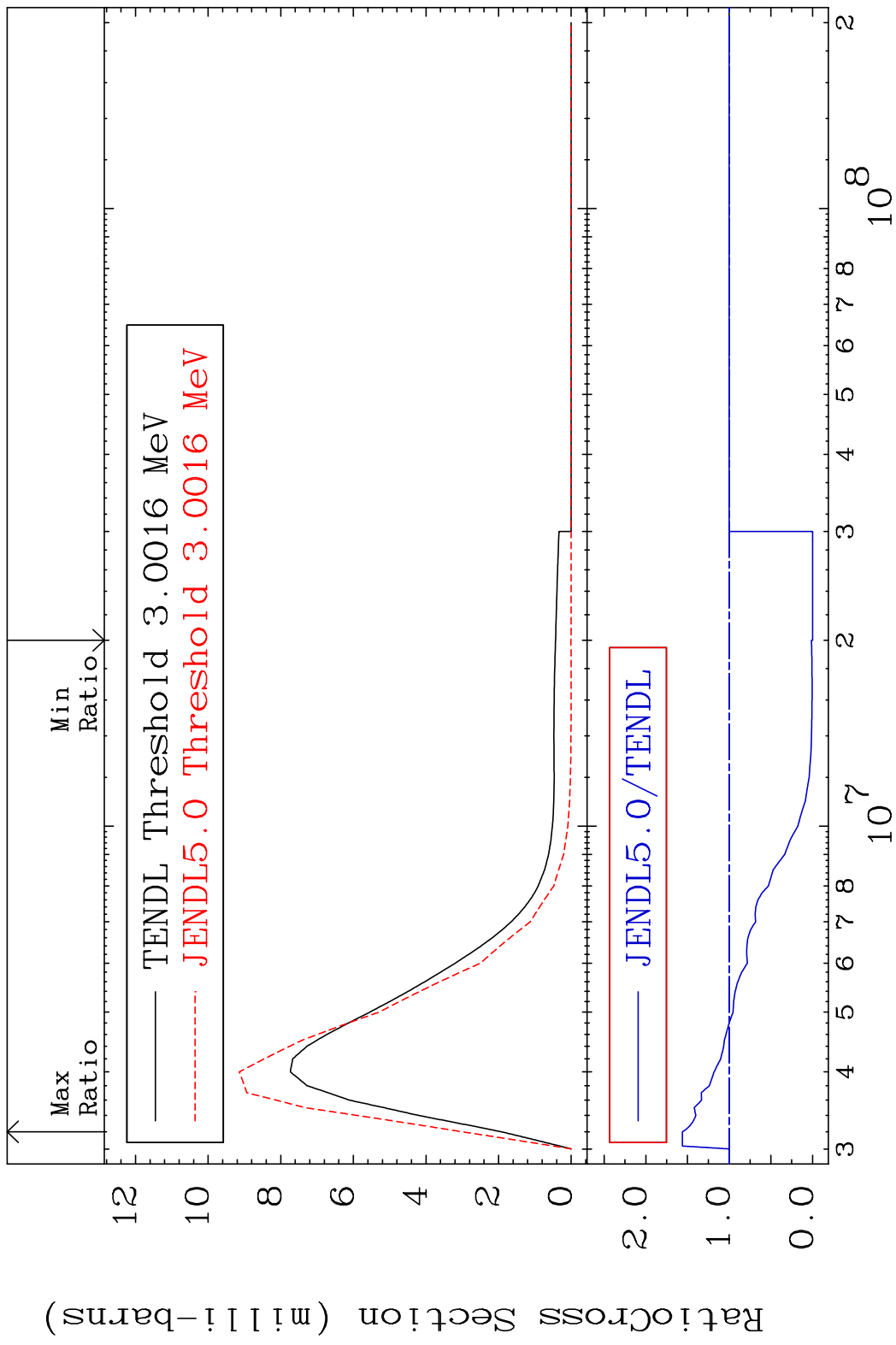




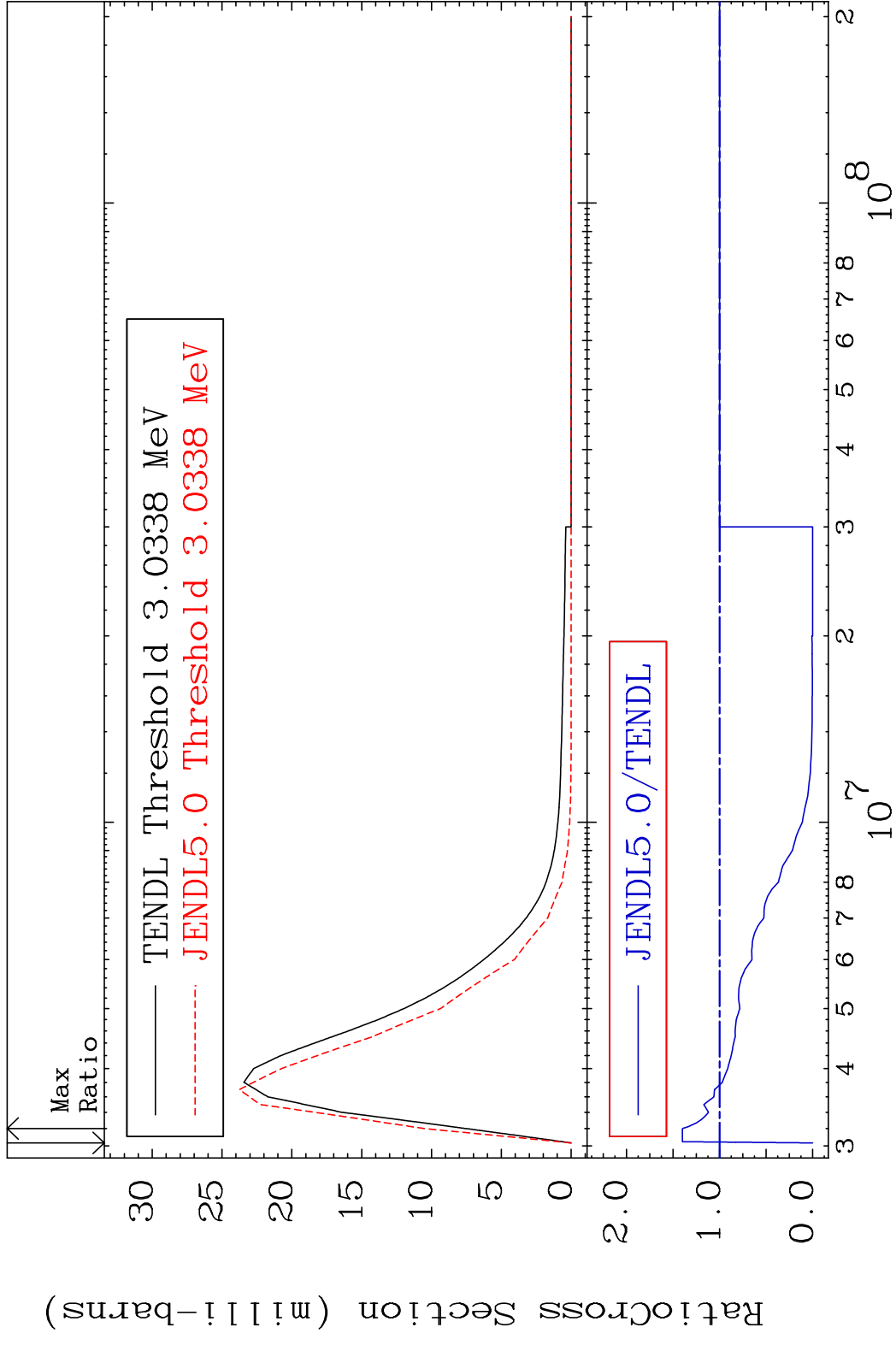
MAT 3243 MT= 73 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 31.50 %



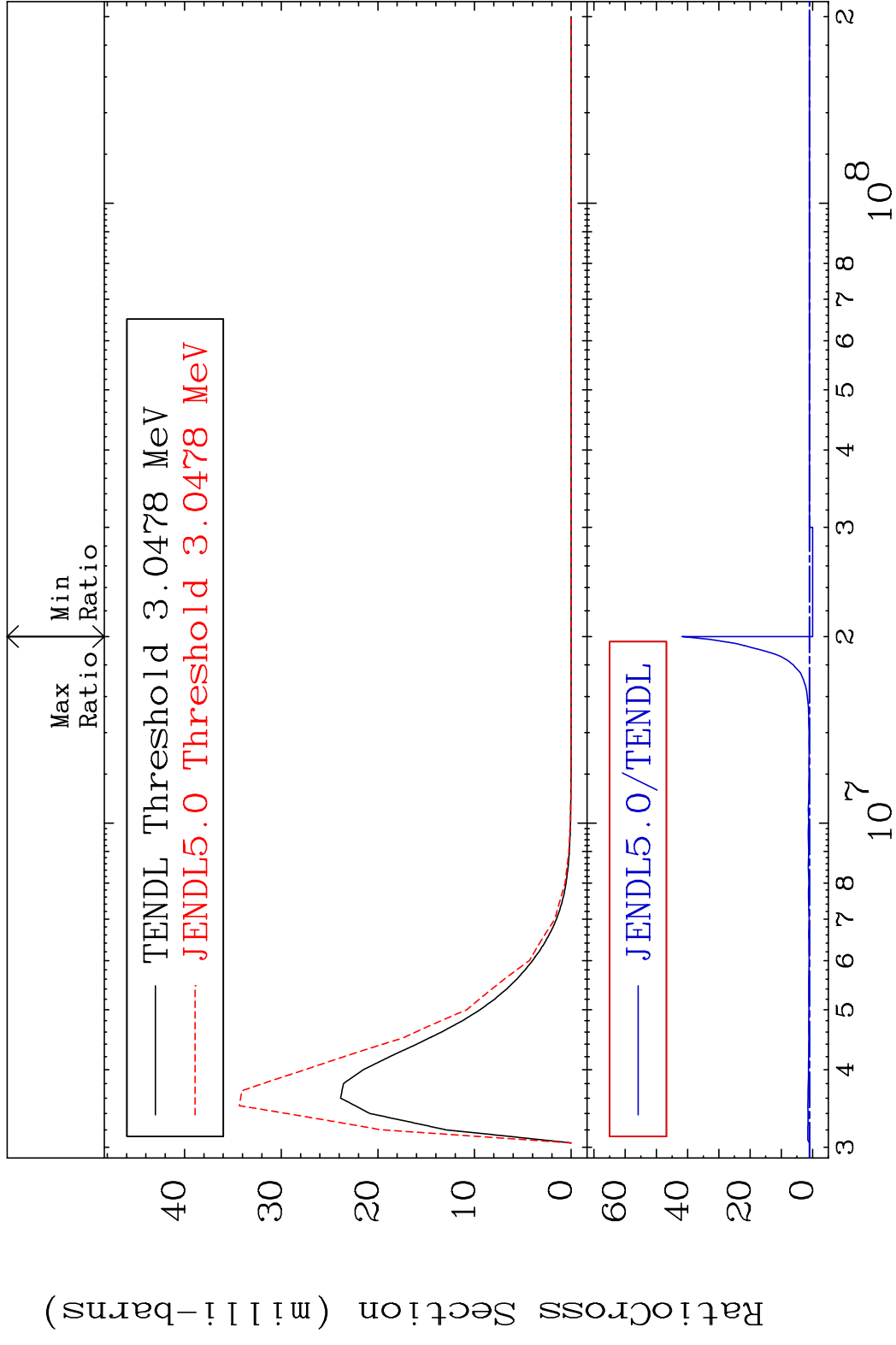
MAT 3243 MT= 74 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 56.18 %



MAT 3243 MT= 75 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 39.96 %

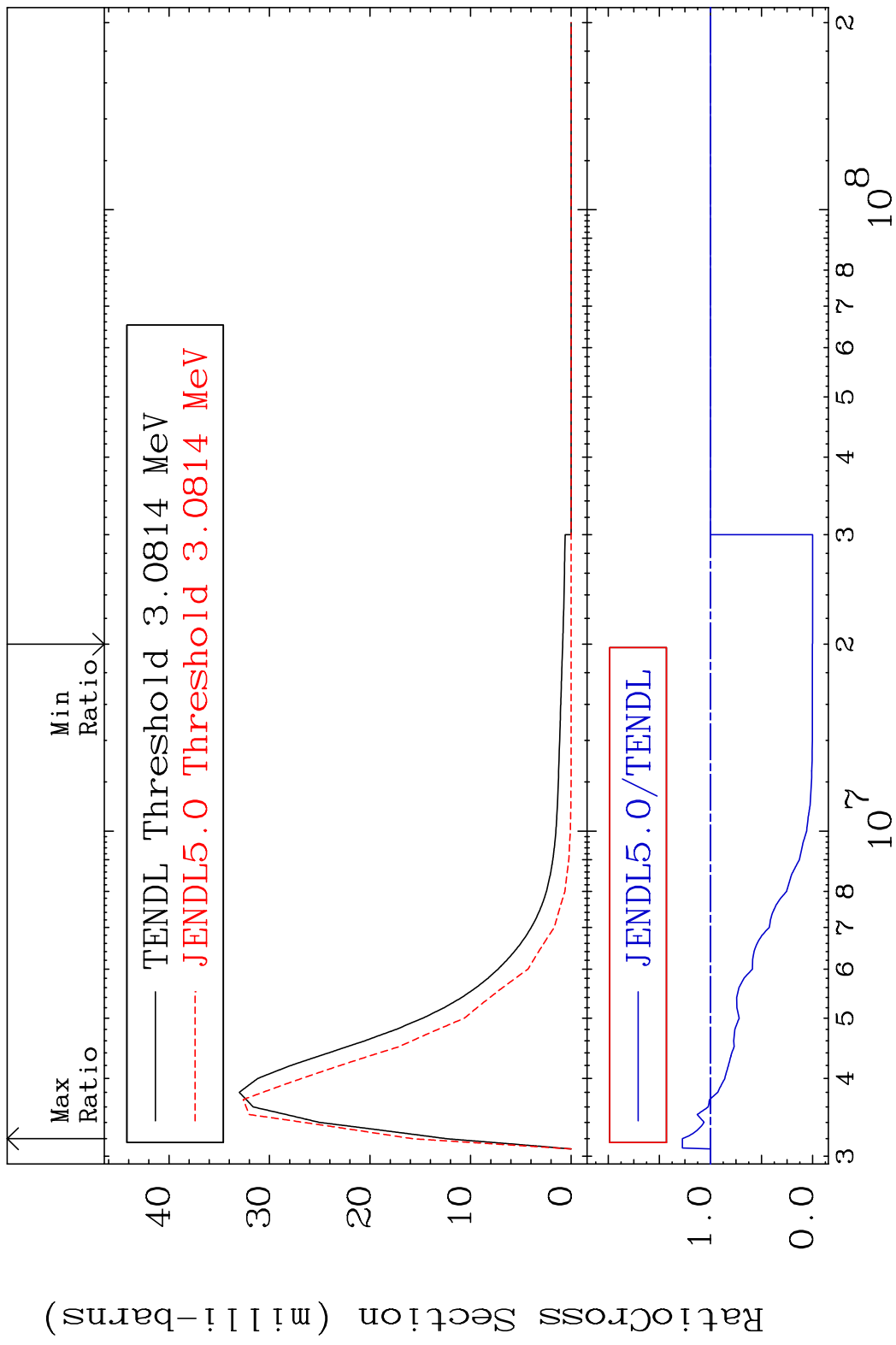


MAT 3243 MT= 76 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 4070. %

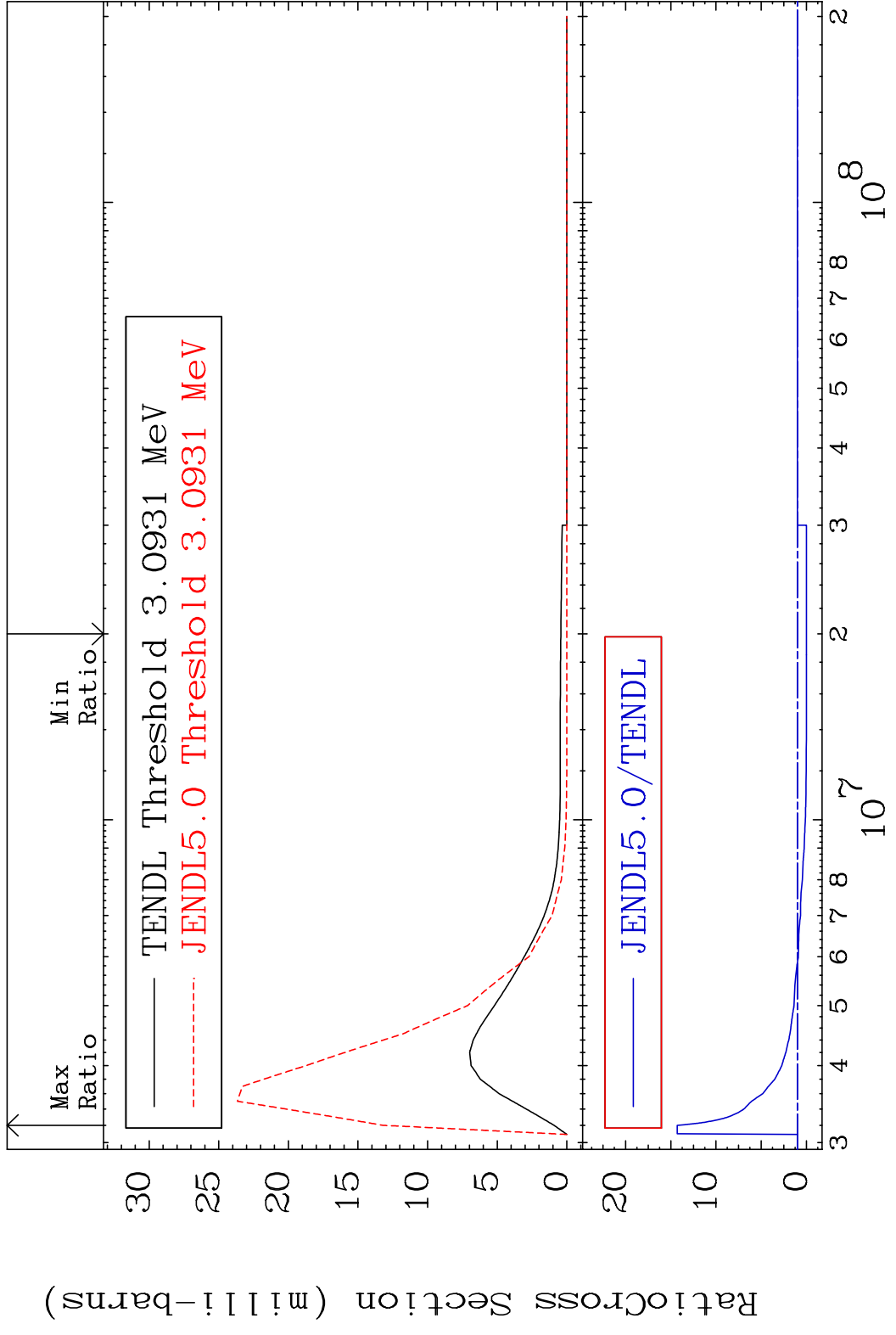


35 Incident Energy (eV) 32-Ge-76

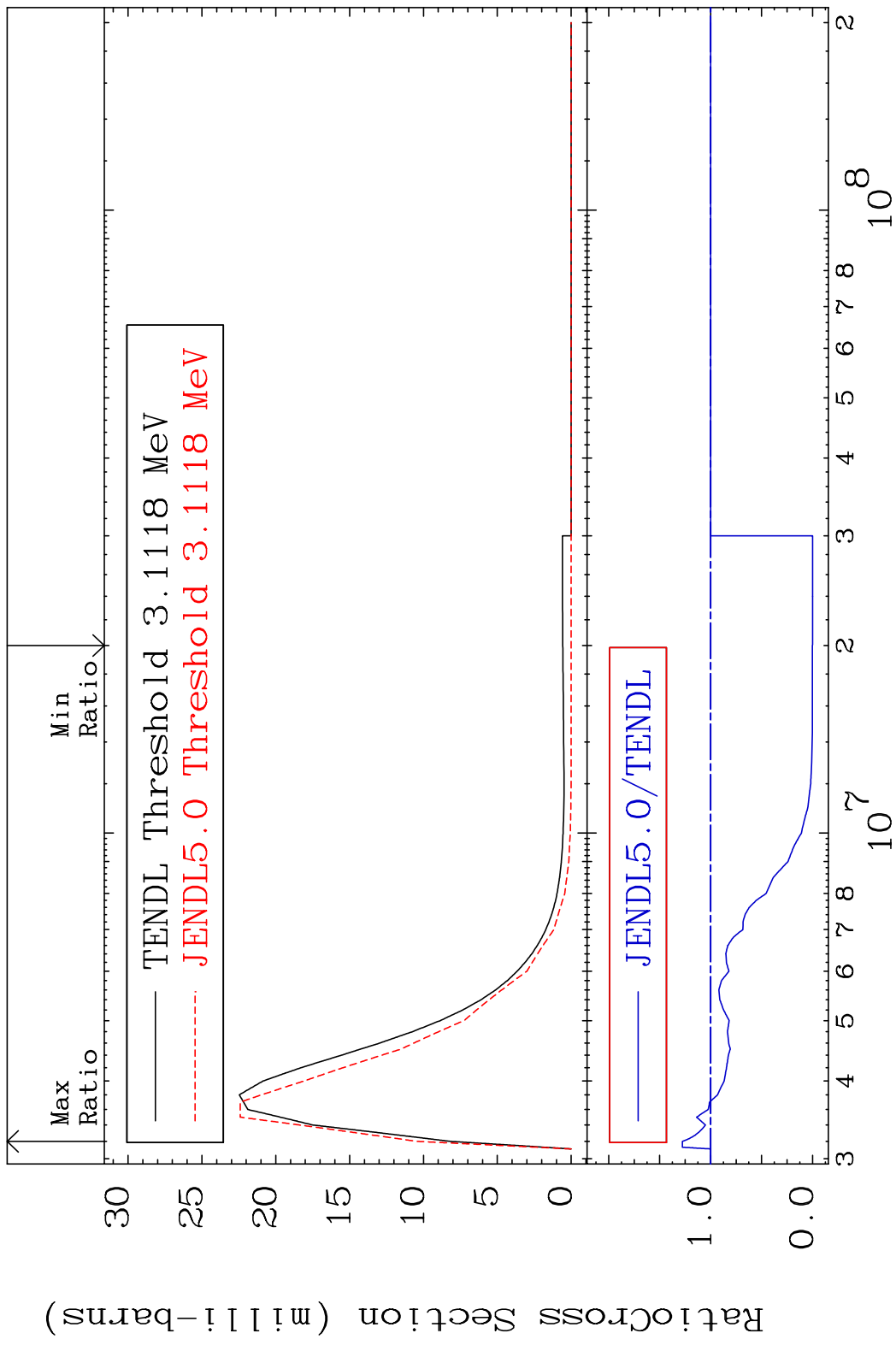
MAT 3243 MT= 77 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 27.54 %



MAT 3243 MT= 78 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 1330. %



MAT 3243 MT= 79 (n,n') Level 32-Ge-76  
 Cross Section -100.0 To 27.76 %

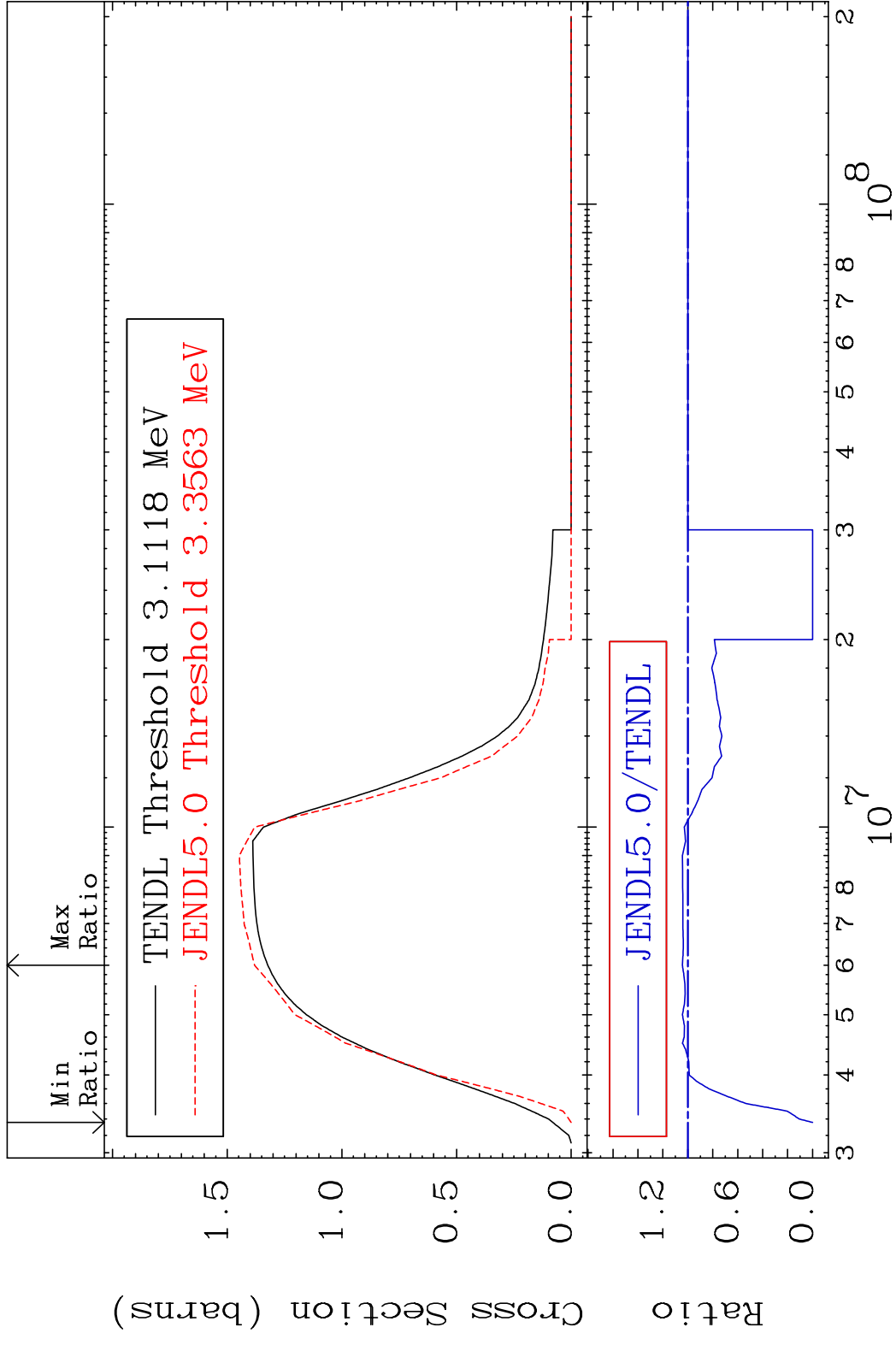


MAT 3243

(n,n') Continuum

32-Ge-76

Cross Section -100.0 To 4.381 %



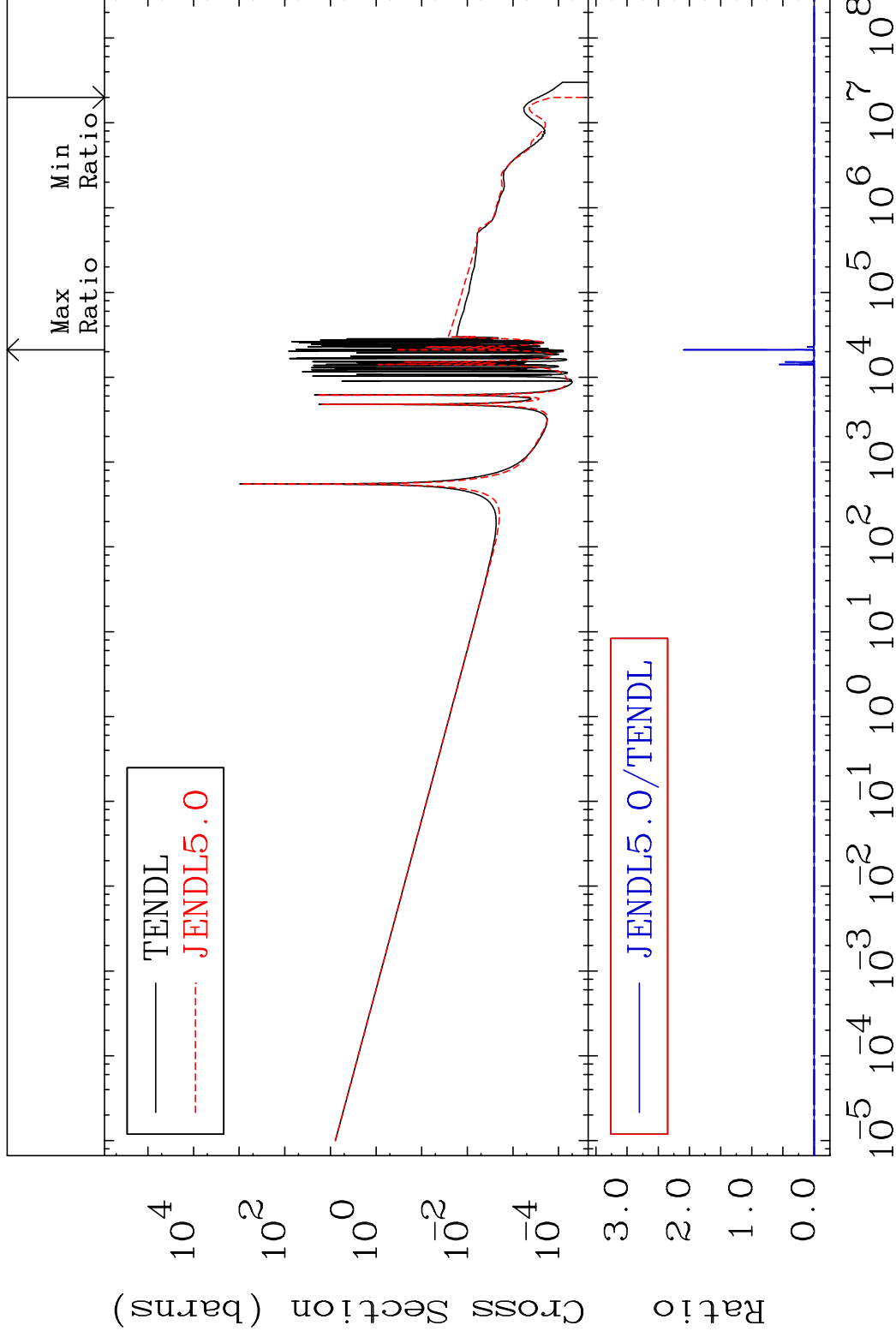


MAT 3243

(n,  $\gamma$ )

32-Ge-76

Cross Section -100.0 To 9999. %

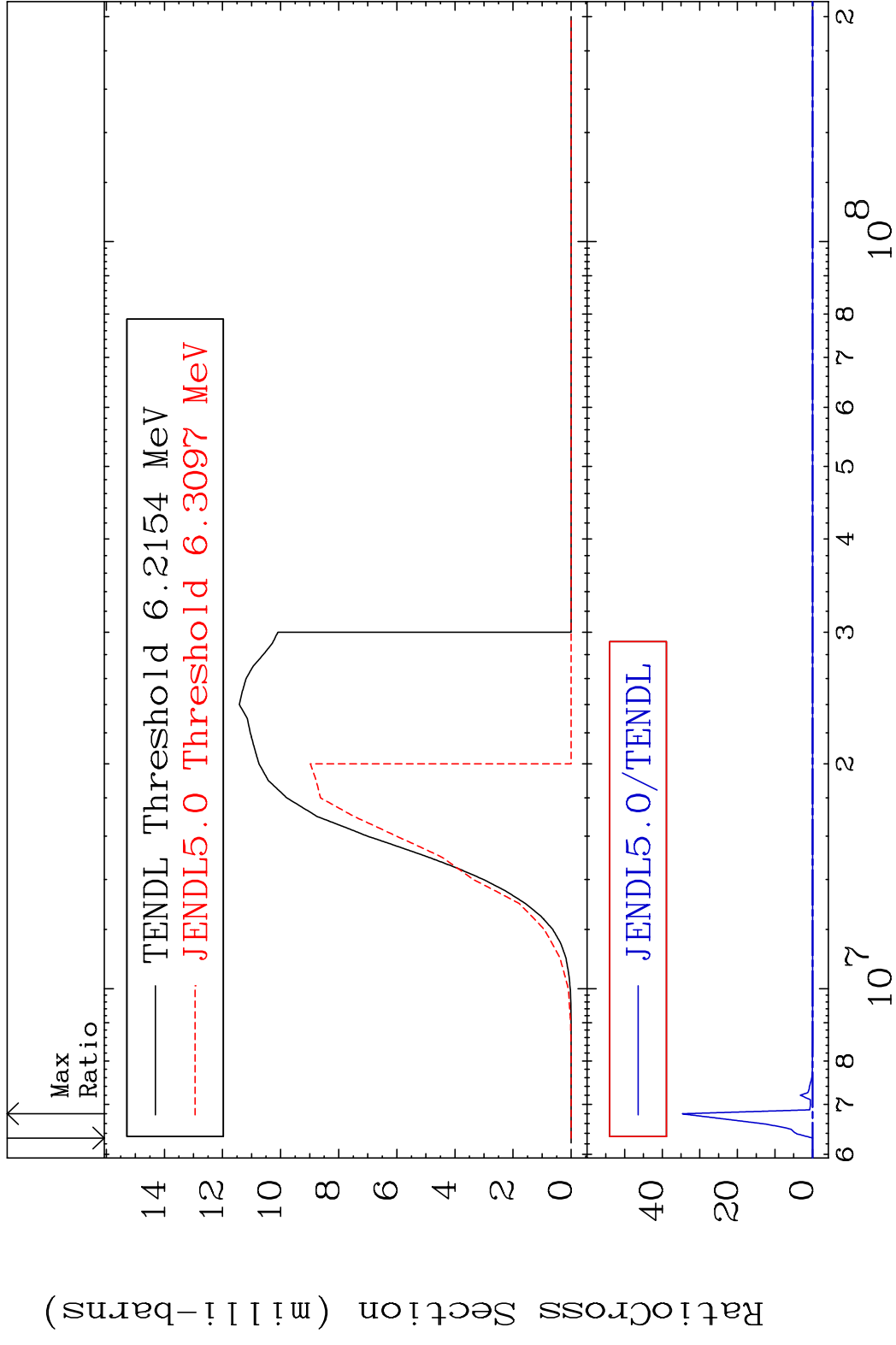


40

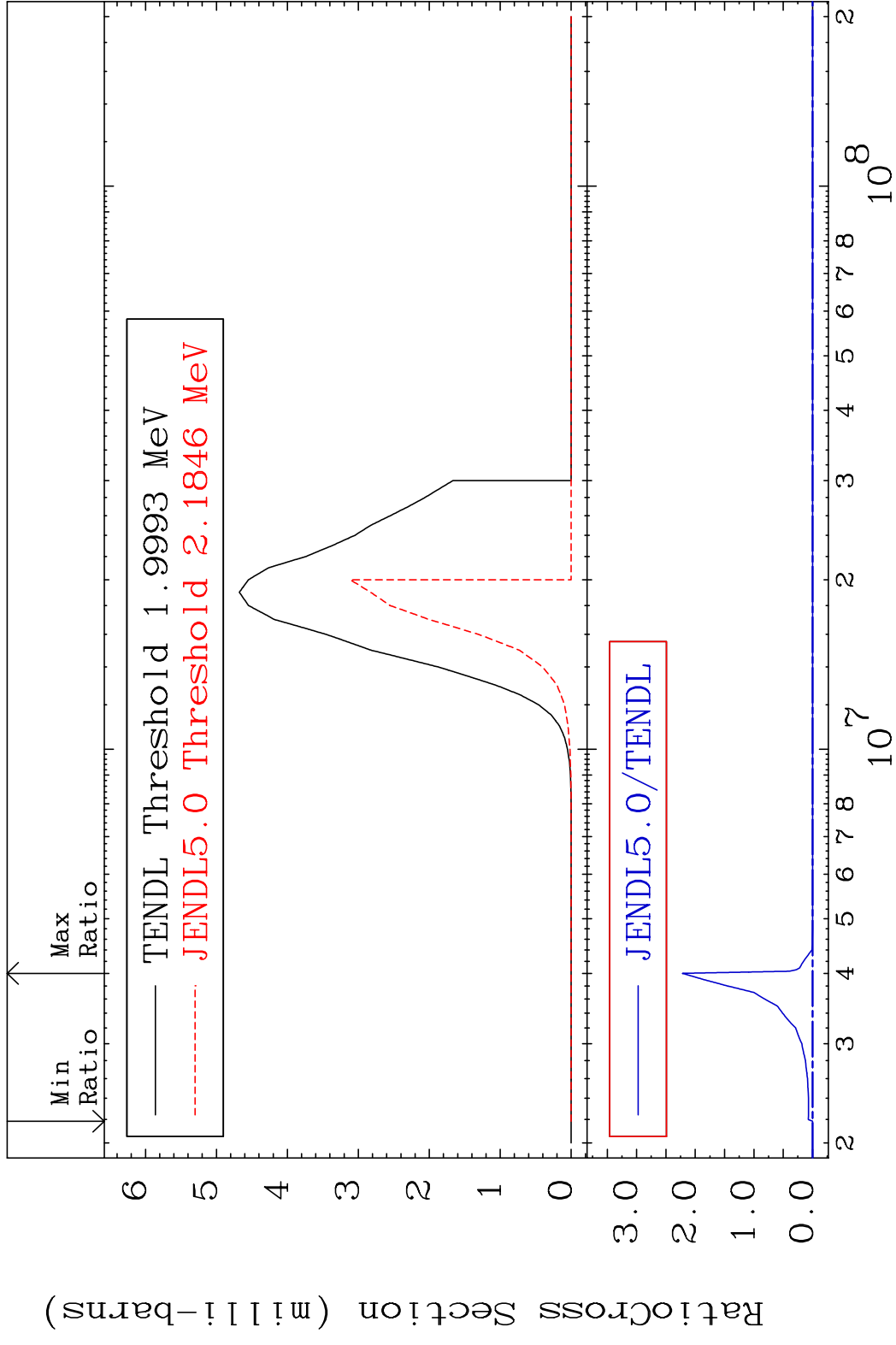
Incident Energy (eV)

32-Ge-76

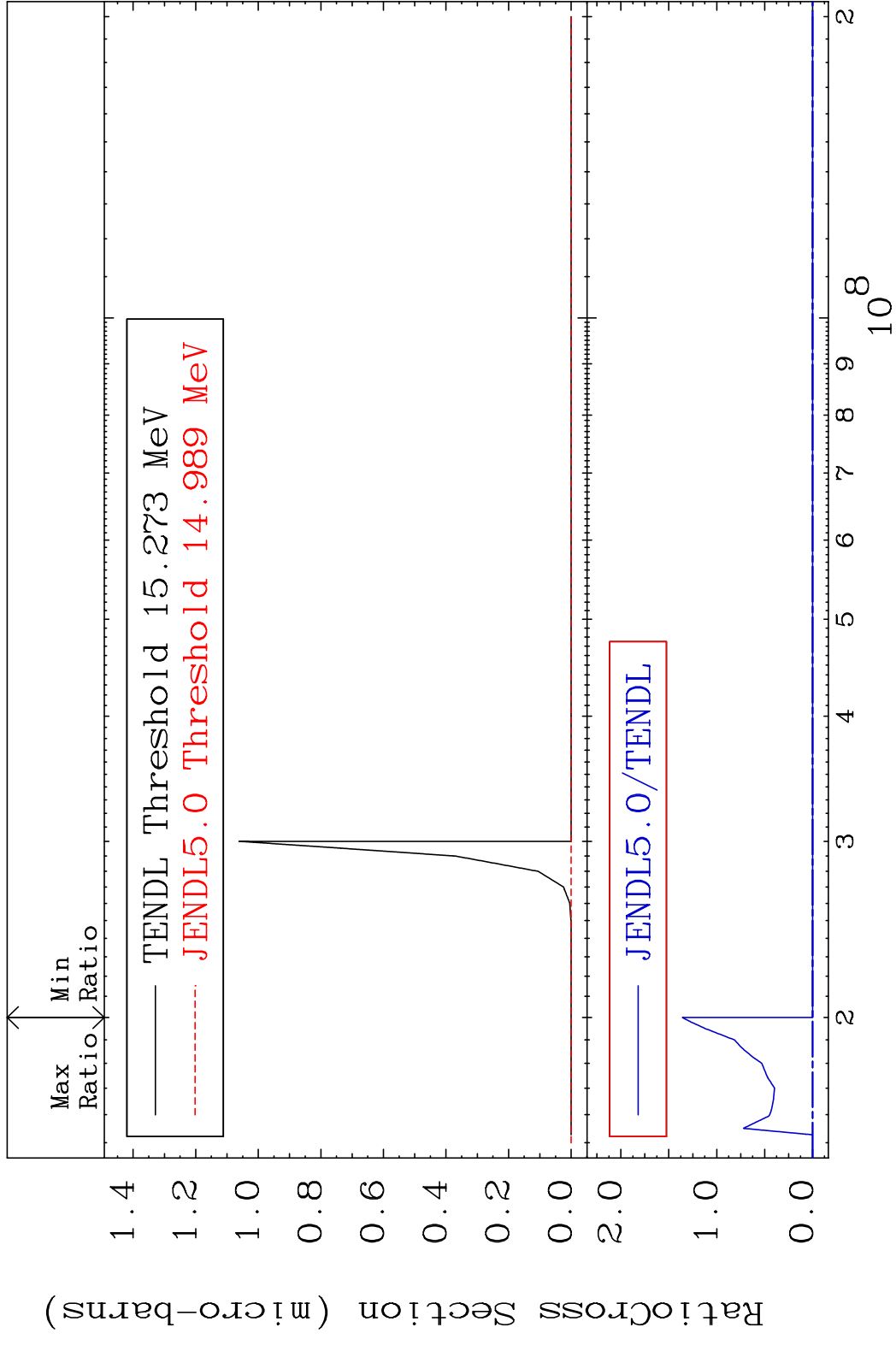
MAT 3243 (n,p) 32-Ge-76  
 Cross Section -100.0 To 9999. %



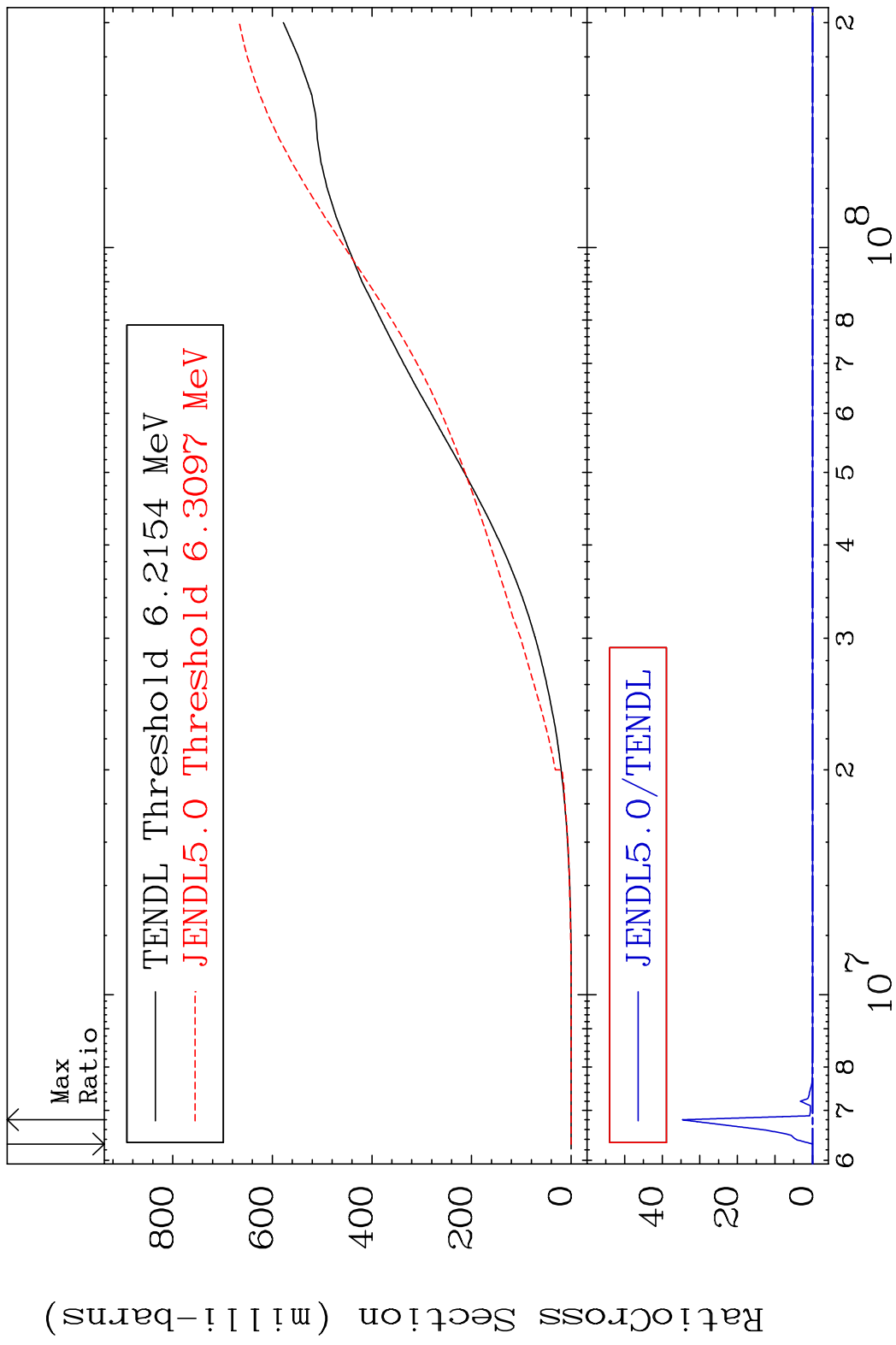
MAT 3243 (n,  $\alpha$ ) 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243 (n,p)  $\alpha$  32-Ge-76  
 Cross Section -100.0 To 9999. %

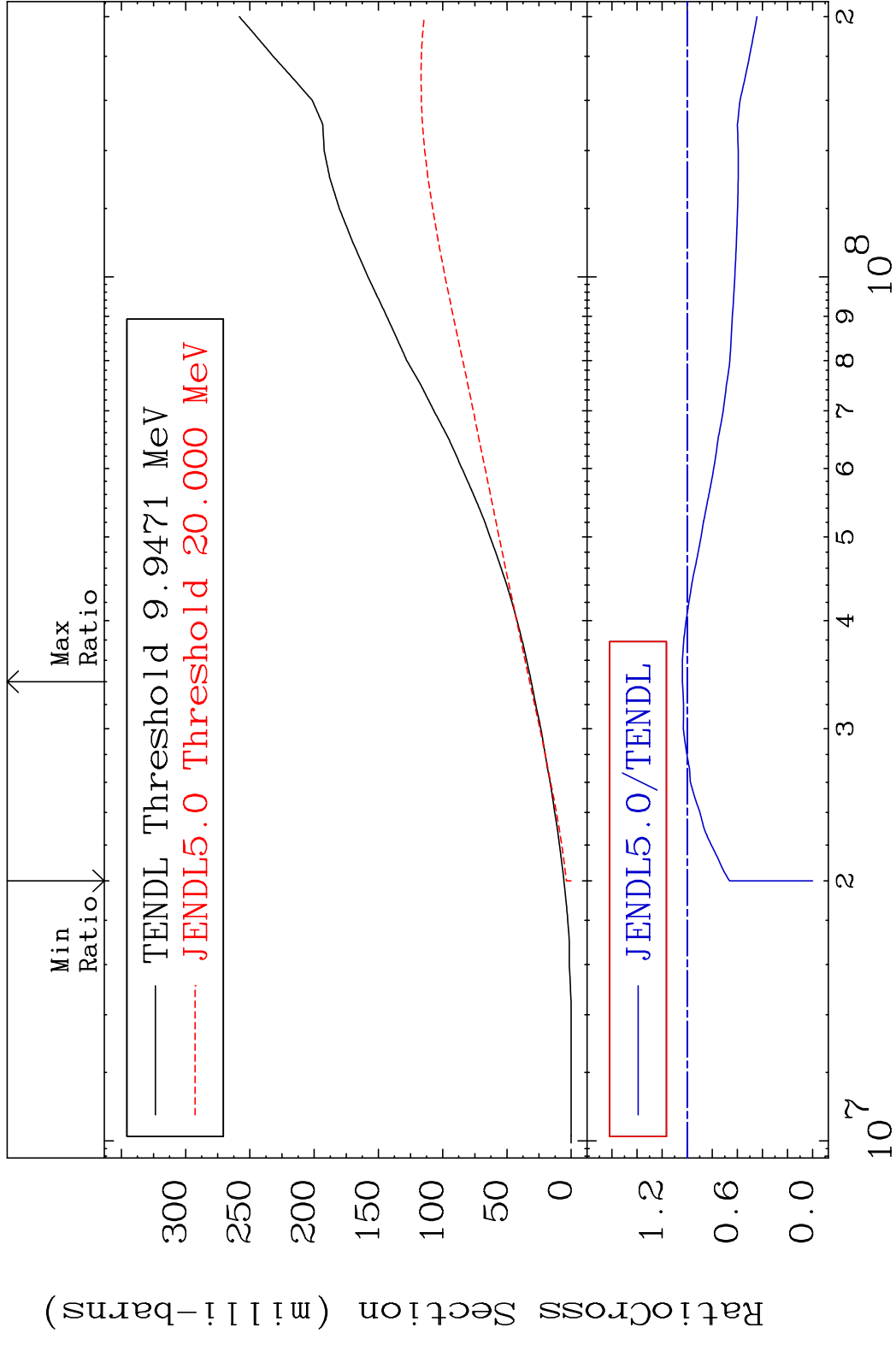


MAT 3243 Hydrogen Production 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243

Deuterium Production  $^{32}\text{Ge-76}$   
Cross Section -100.0 To 3.839 %

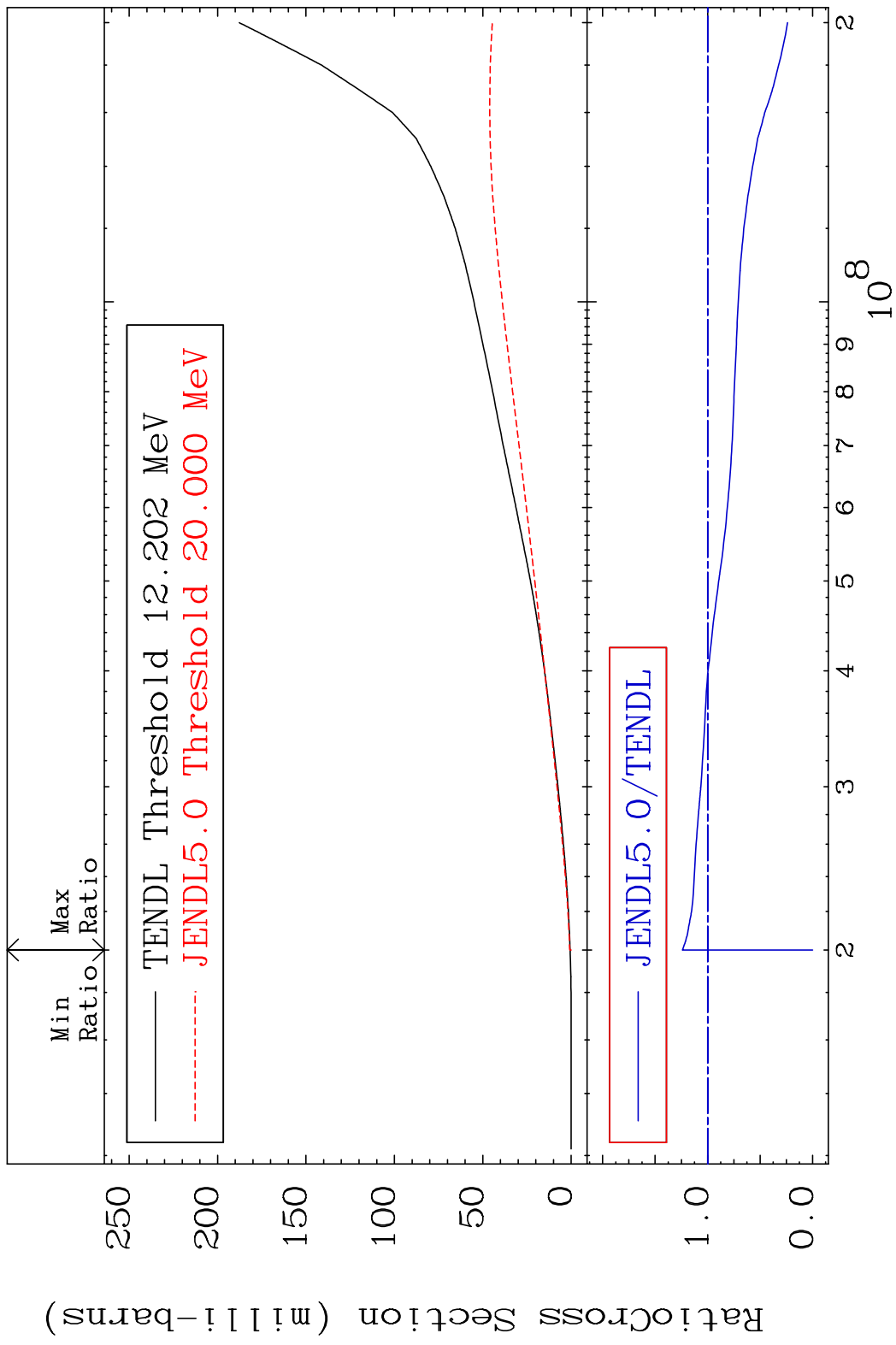


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Incident Energy (eV)

$^{32}\text{Ge-76}$

MAT 3243 Tritium Production 32-Ge-76  
 Cross Section -100.0 To 24.06 %

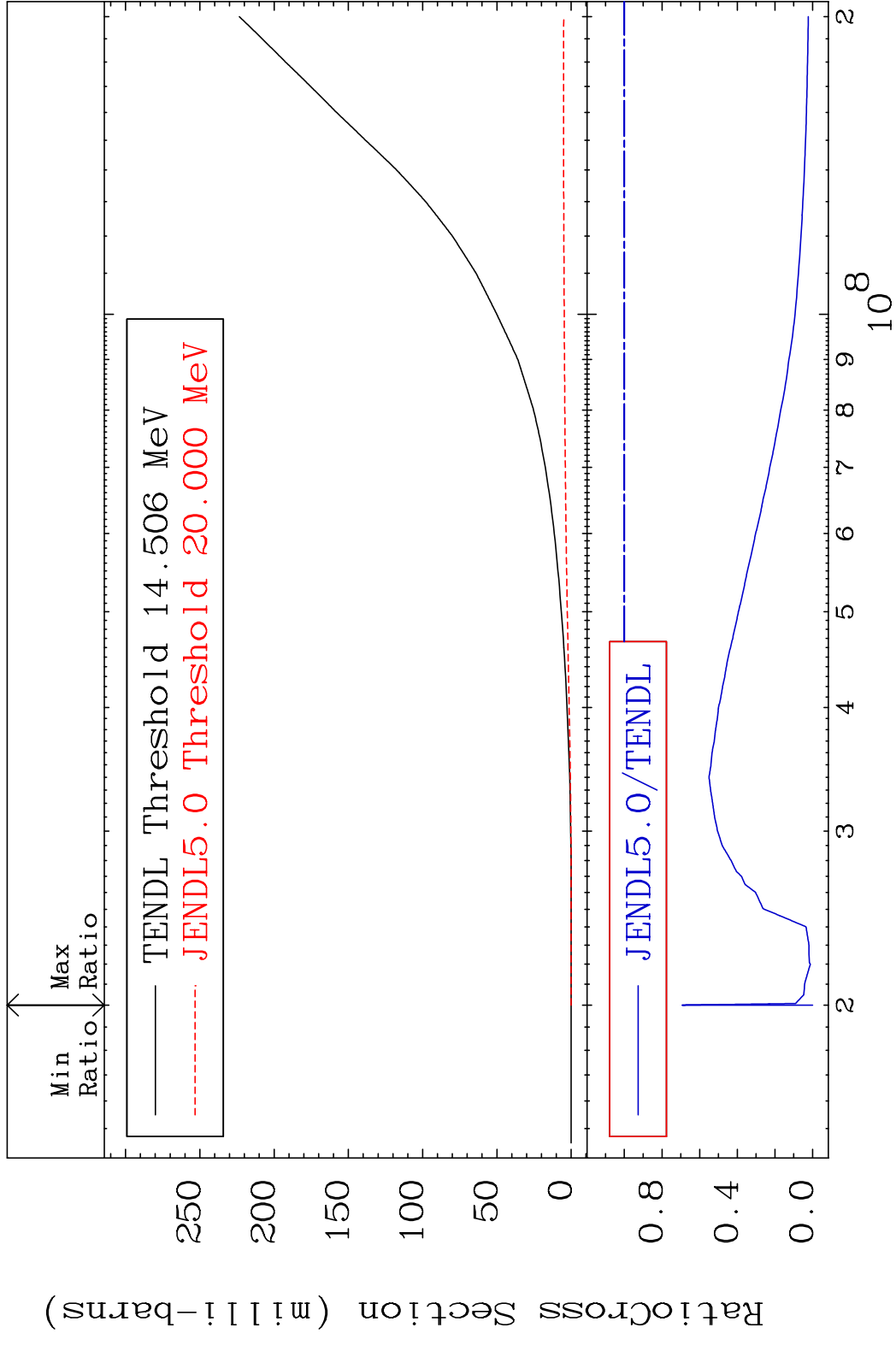


MAT 3243

He-3 Production

32-Ge-76

Cross Section -100.0 To -30.82%



47

Incident Energy (eV)

32-Ge-76

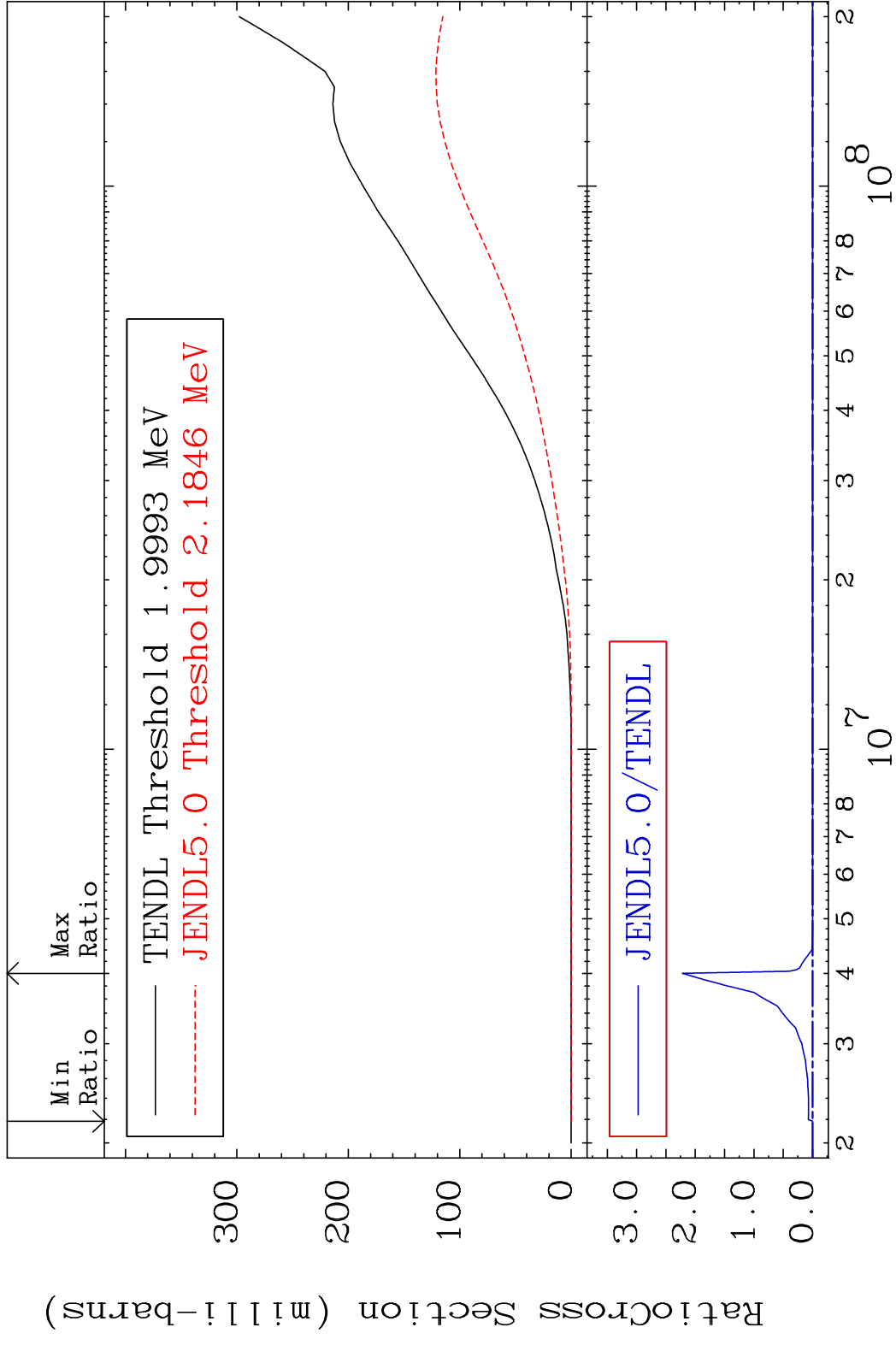


MAT 3243

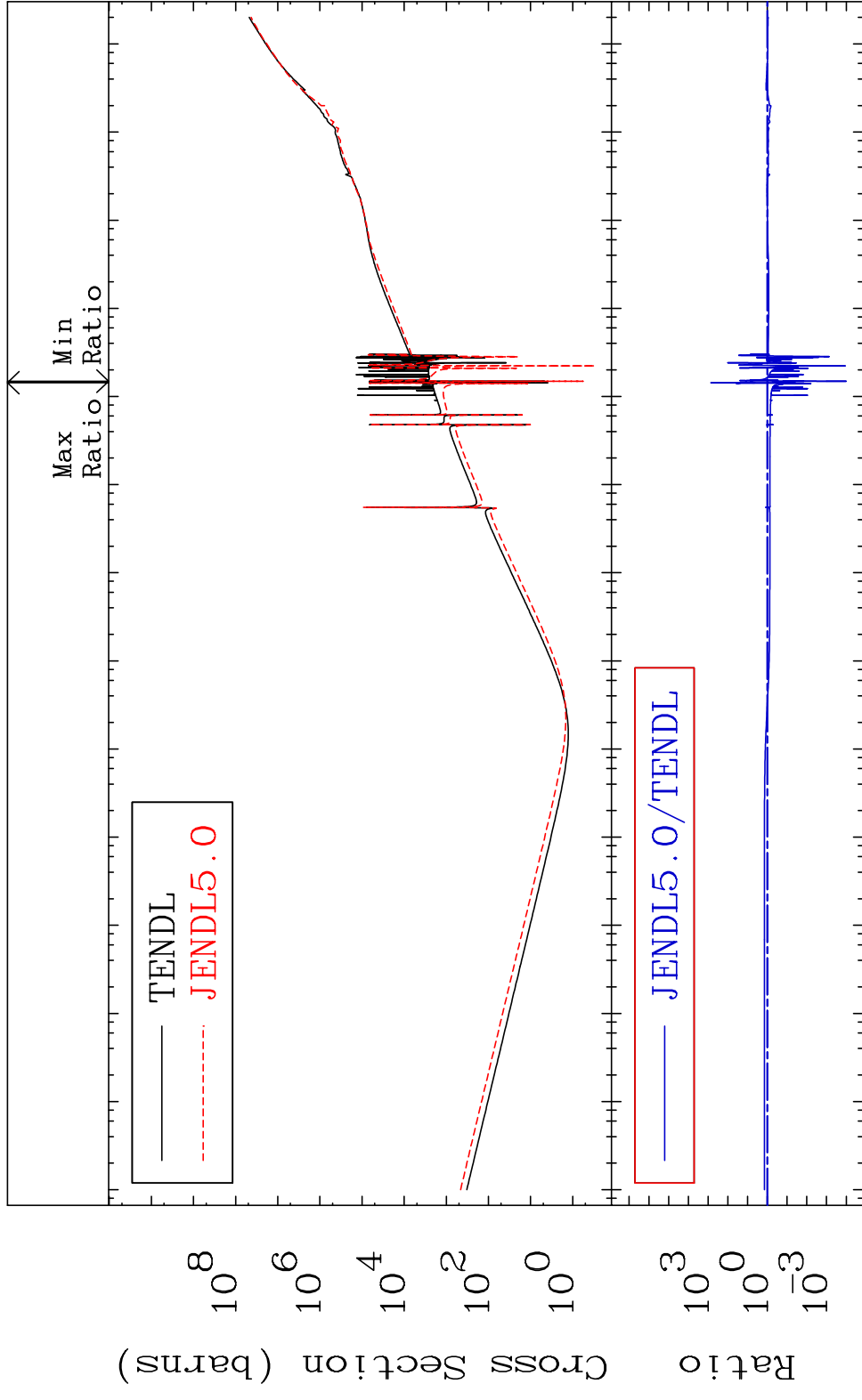
He-4 Production

32-Ge-76

Cross Section -100.0 To 9999. %



MAT 3243 Kerma total (eV-barns) 32-Ge-76  
 Cross Section -99.99 To 9999. %

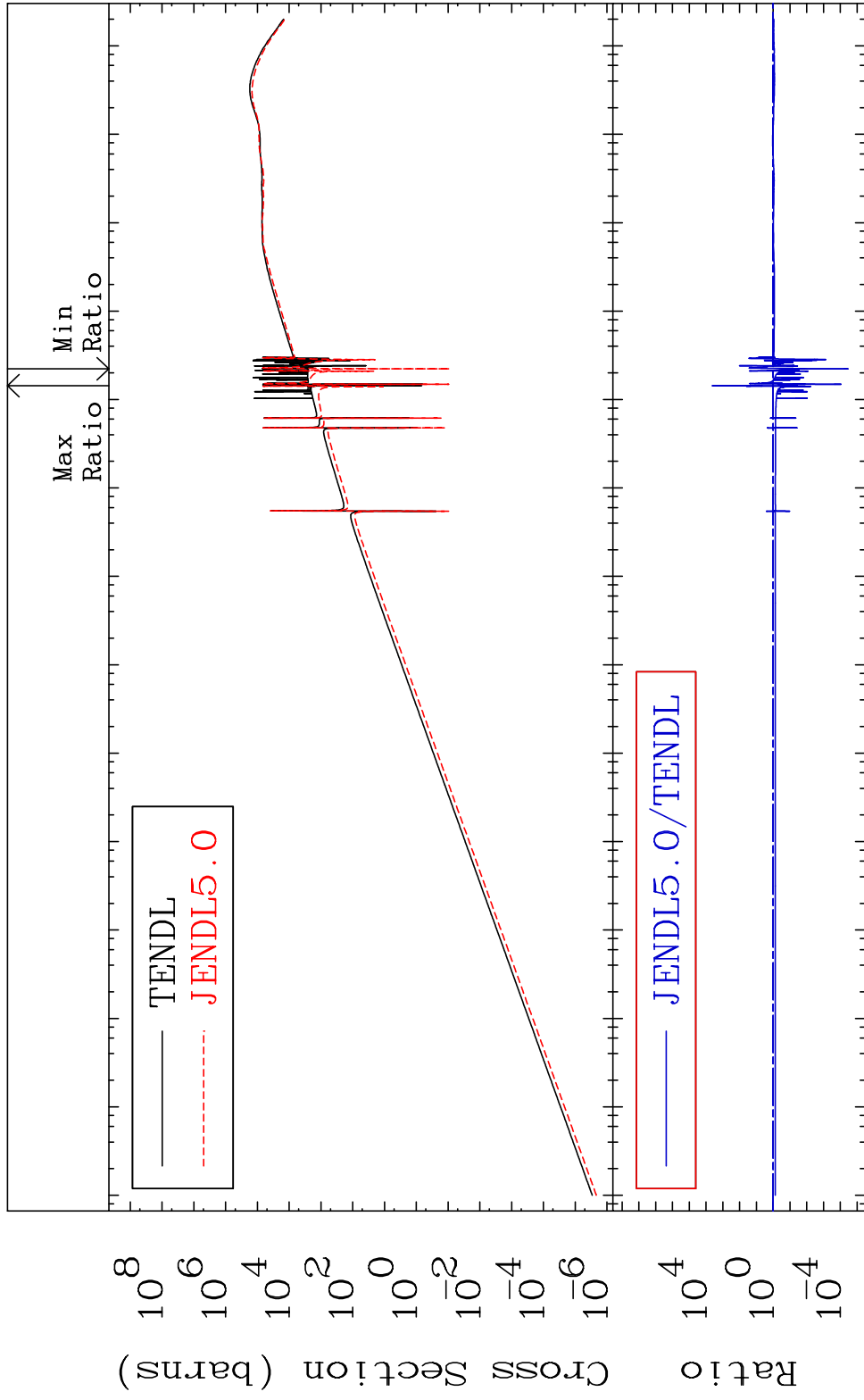


MAT 3243

Kerma elastic

32-Ge-76

Cross Section -100.0 To 9999. %

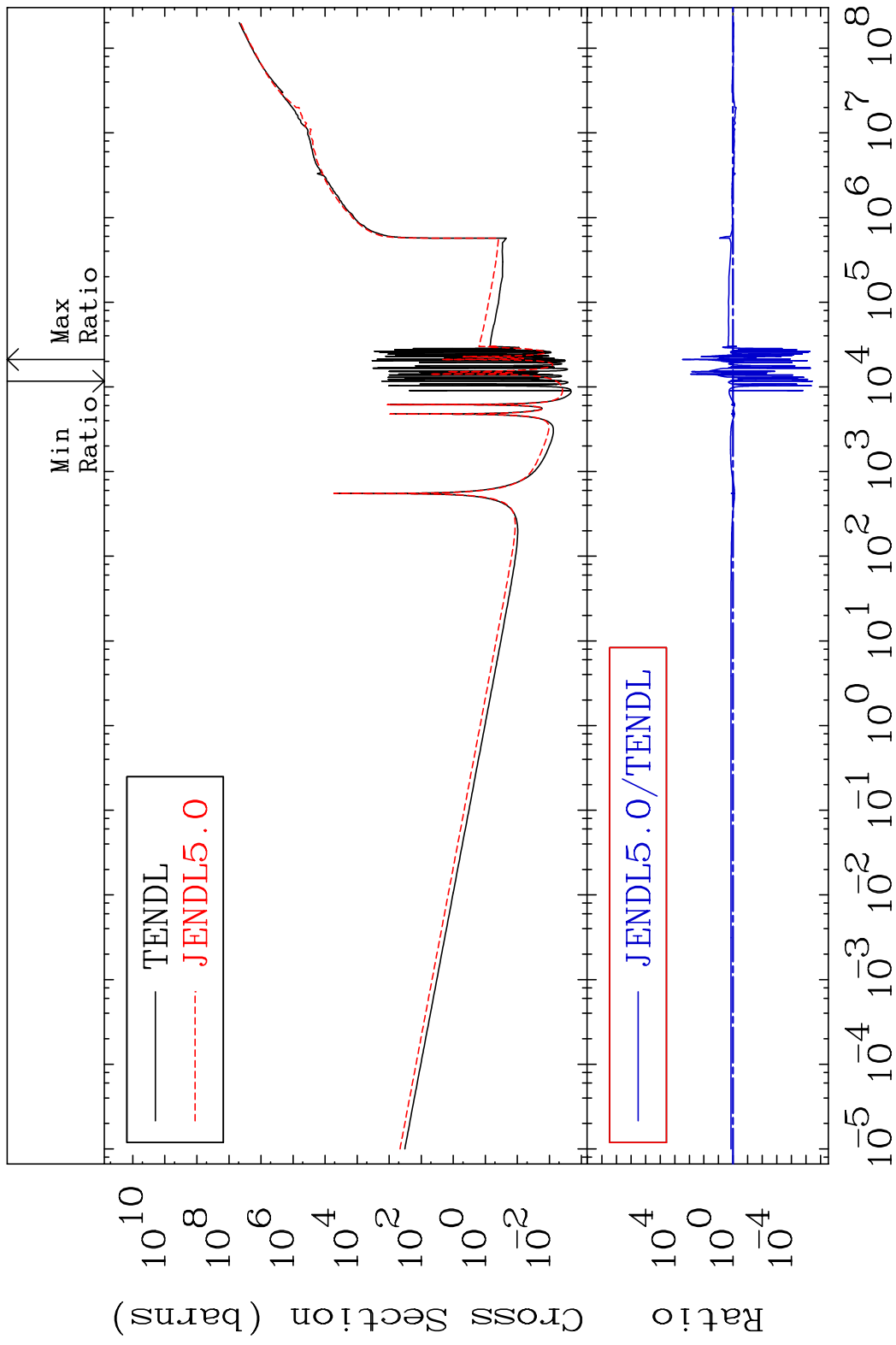


50

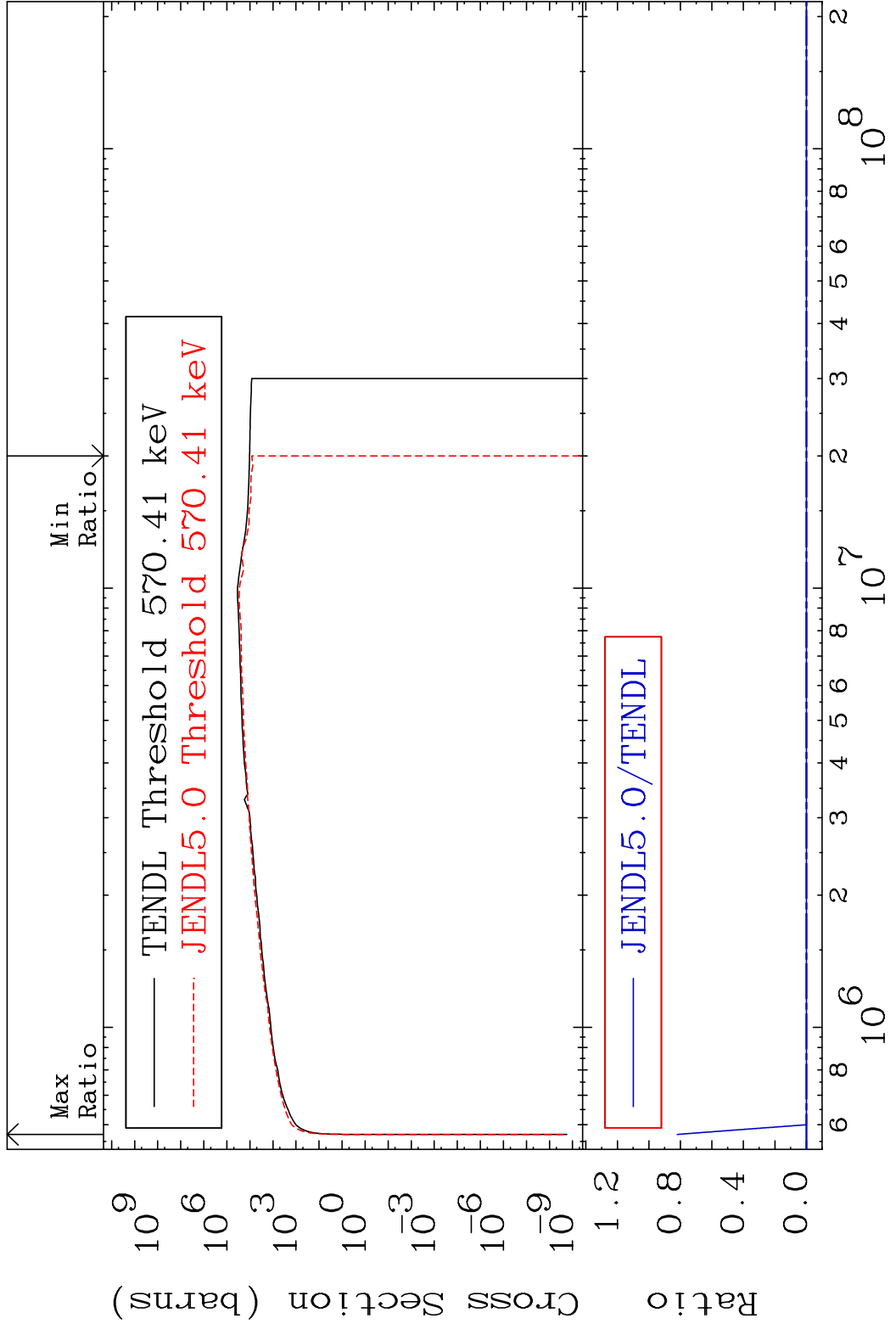
Incident Energy (eV)

32-Ge-76

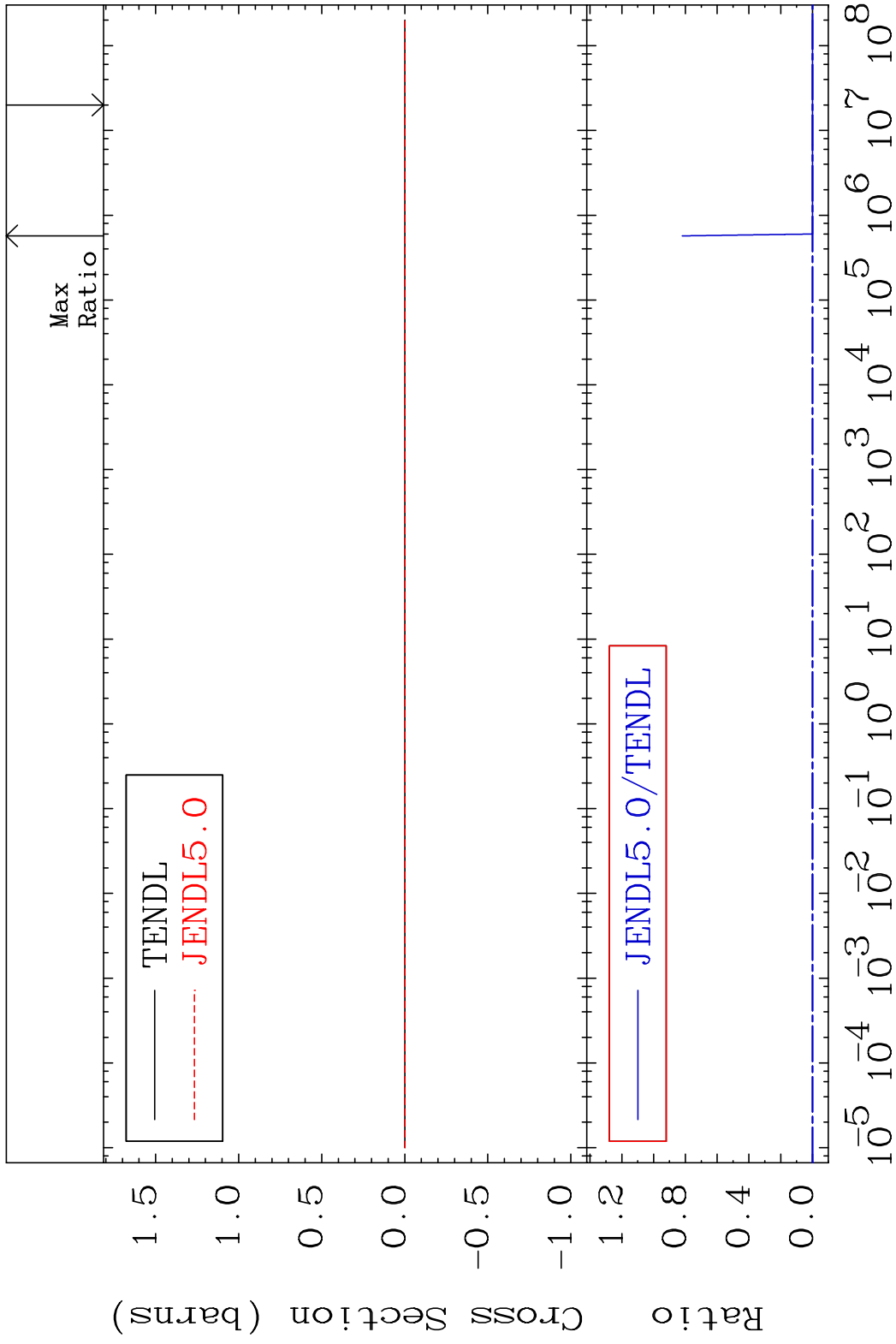
MAT 3243 Kerma non-elastic (all but mt2) 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243 Kerma inelastic (mt51-91) 32-Ge-76  
 Cross Section -100.0 To 9999. %

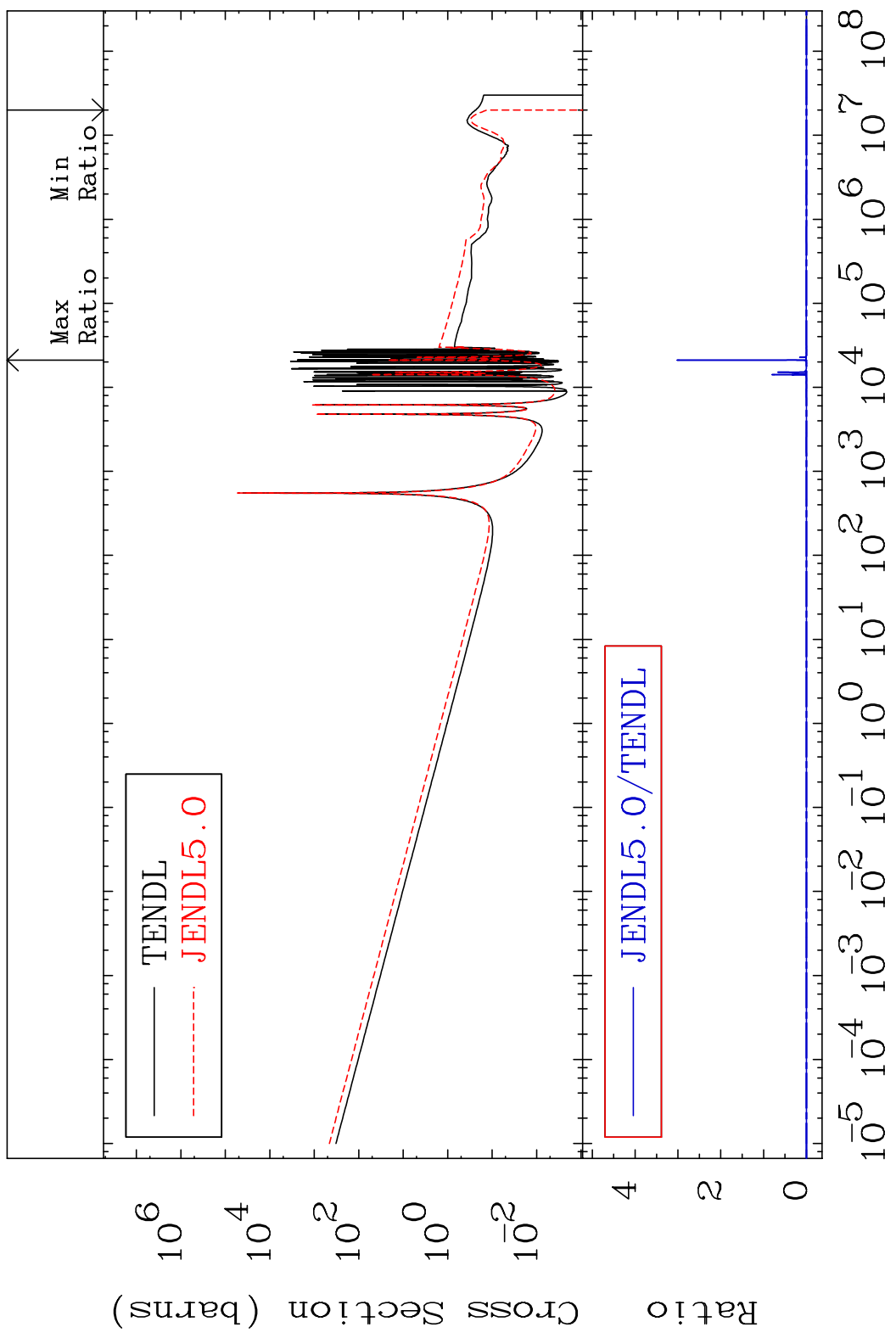


MAT 3243 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243

Kerma capture (mt102) 32-Ge-76  
Cross Section -100.0 To 9999. %

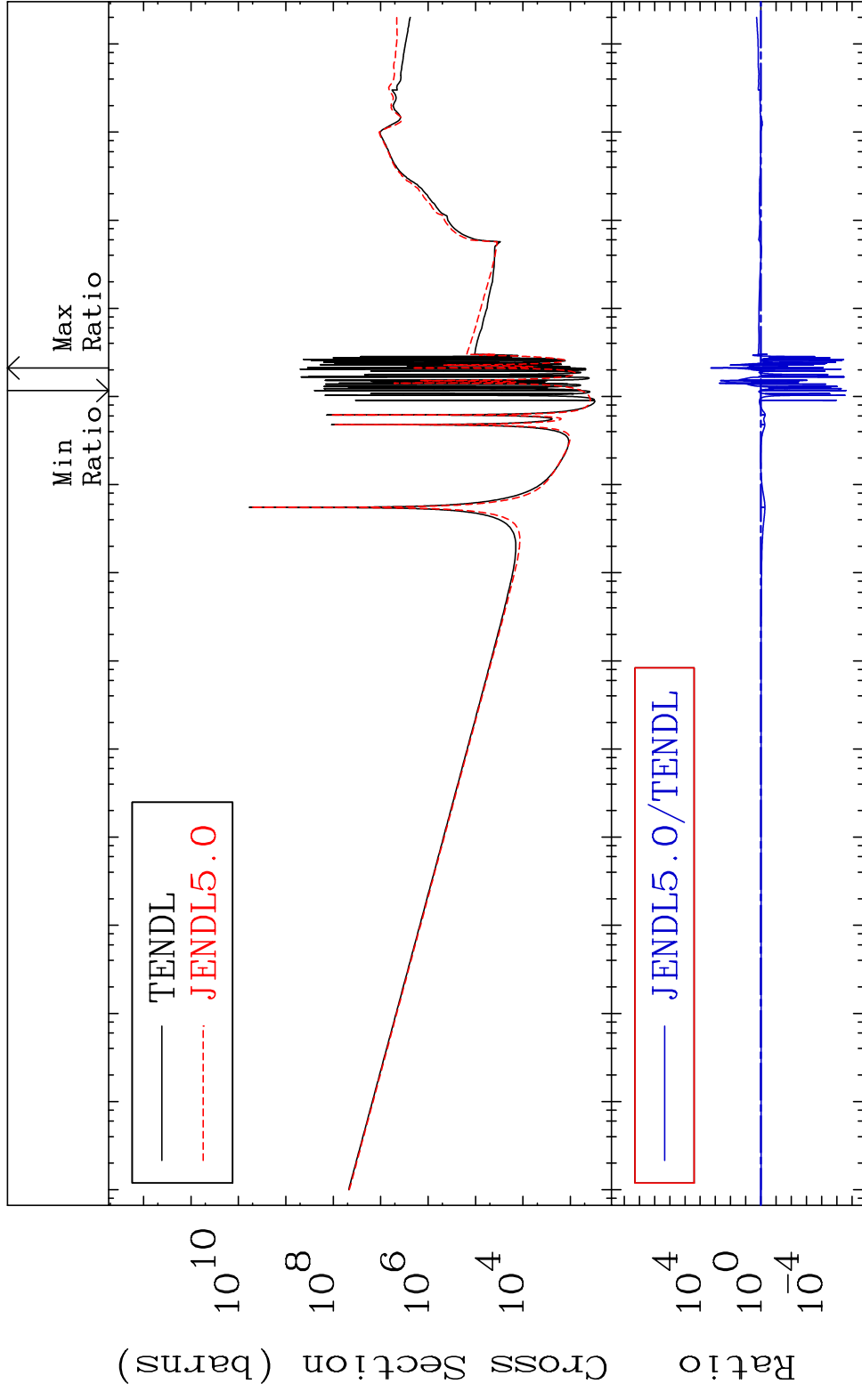


54

Incident Energy (eV)

32-Ge-76

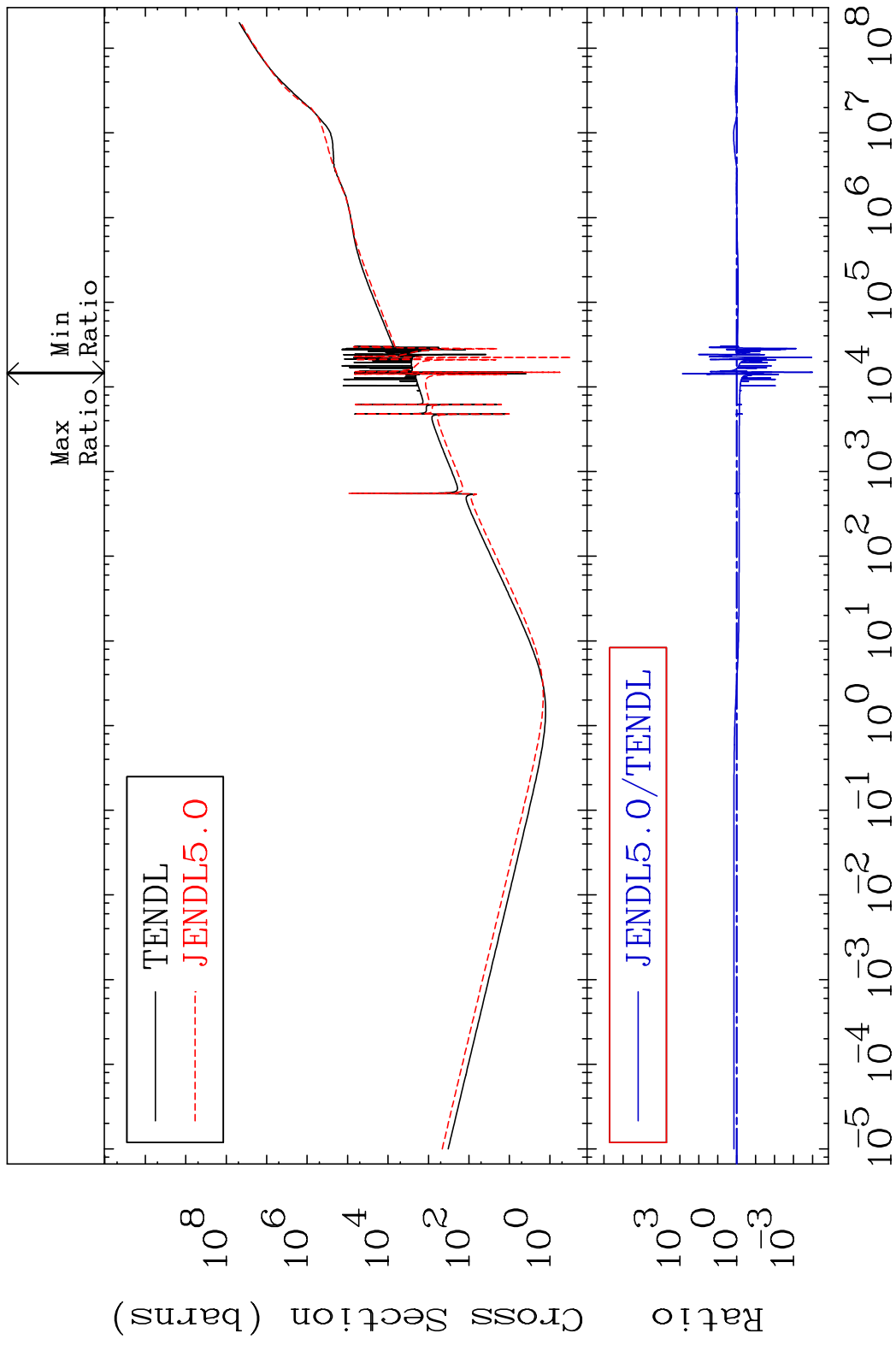
MAT 3243 Total photon (eV-barns) 32-Ge-76  
 Cross Section -100.0 To 9999. %



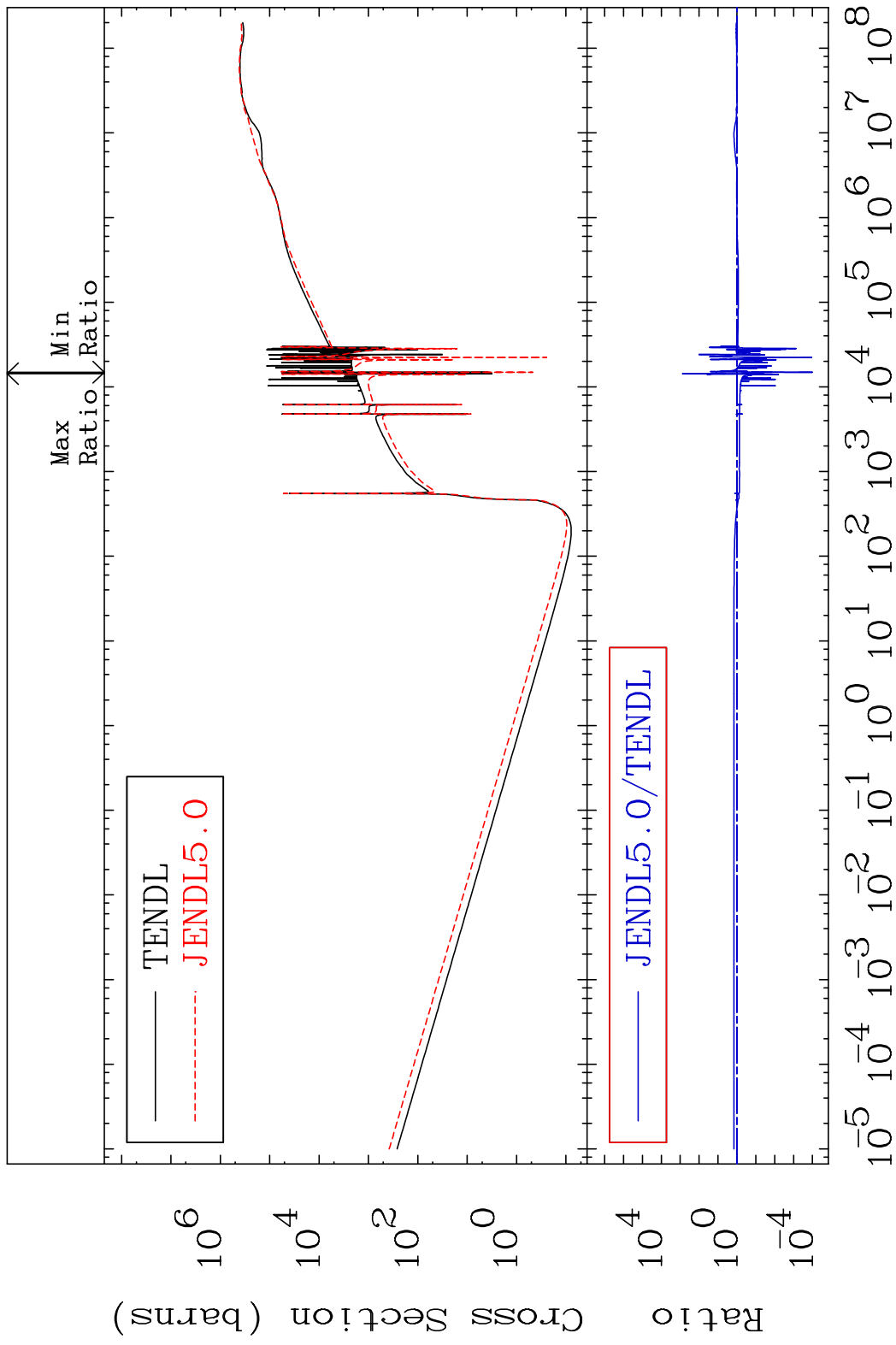
Incident Energy (eV) 32-Ge-76



MAT 3243 Total kinematic kerma (high limit) 32-Ge-76  
 Cross Section -99.99 To 9999. %



MAT 3243      Dpa total (eV-barns)      32-Ge-76  
 Cross Section      -99.99 To 9999. %

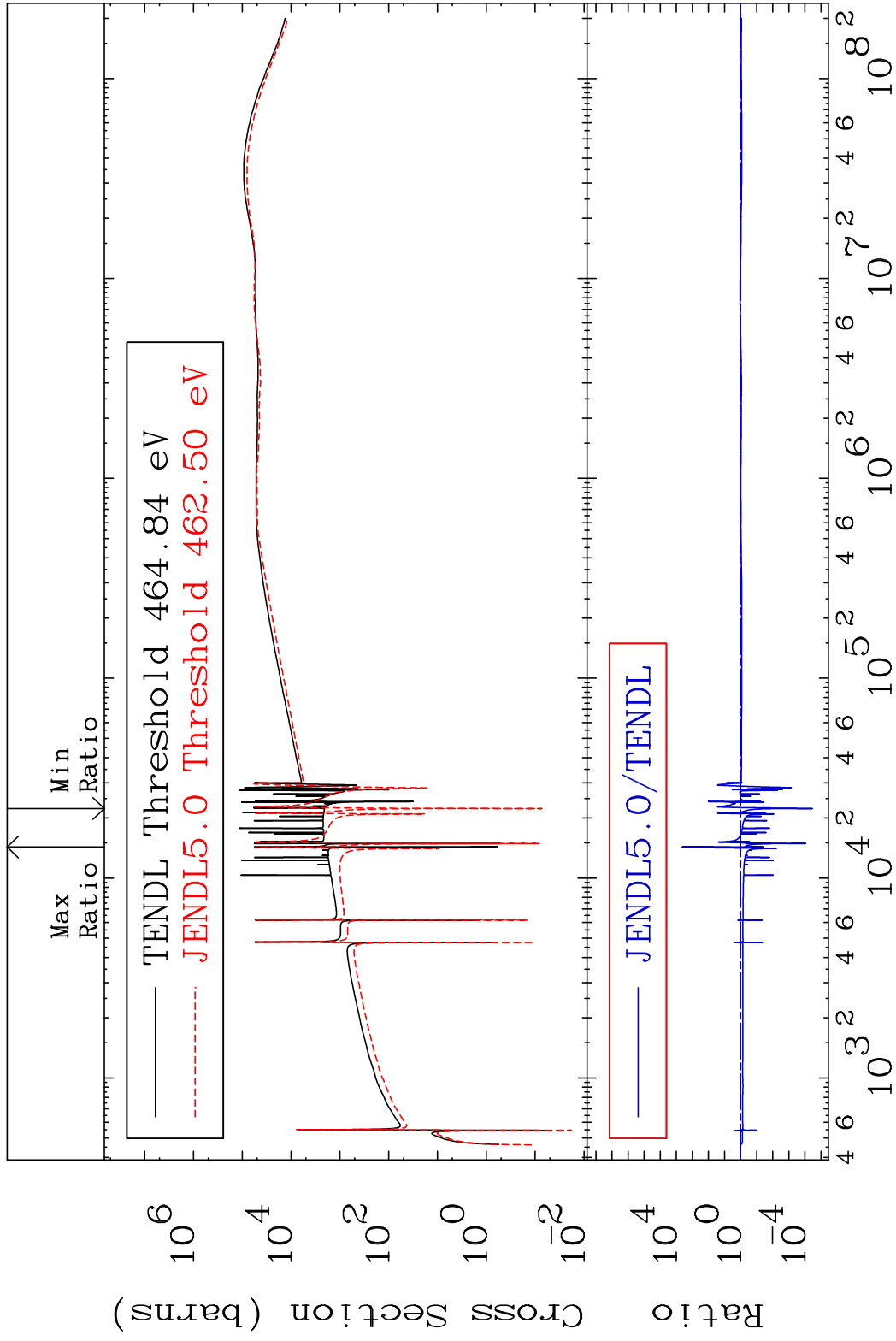


MAT 3243

Dpa elastic (mt2)

32-Ge-76

Cross Section -100.0 To 9999. %

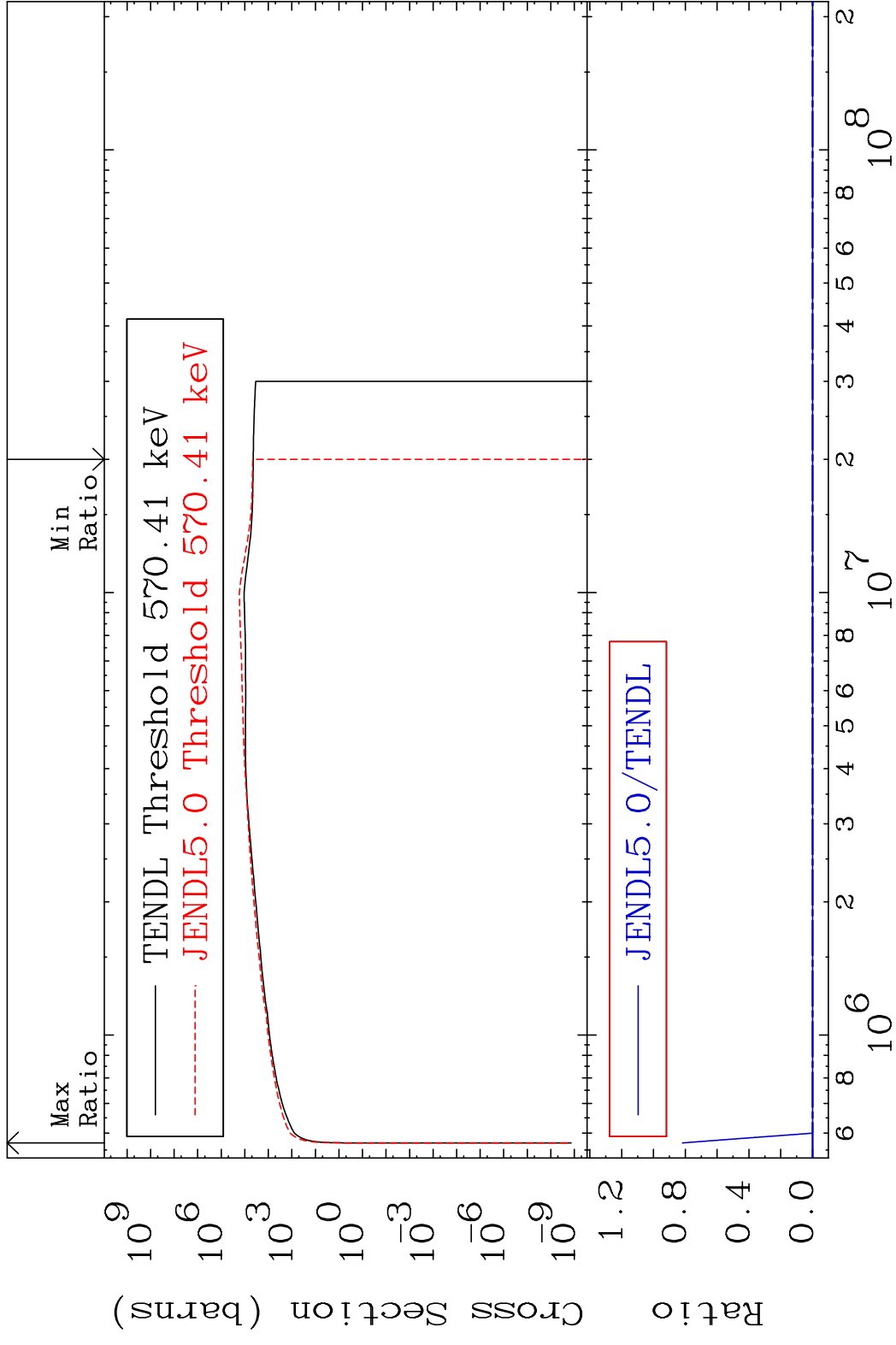


58

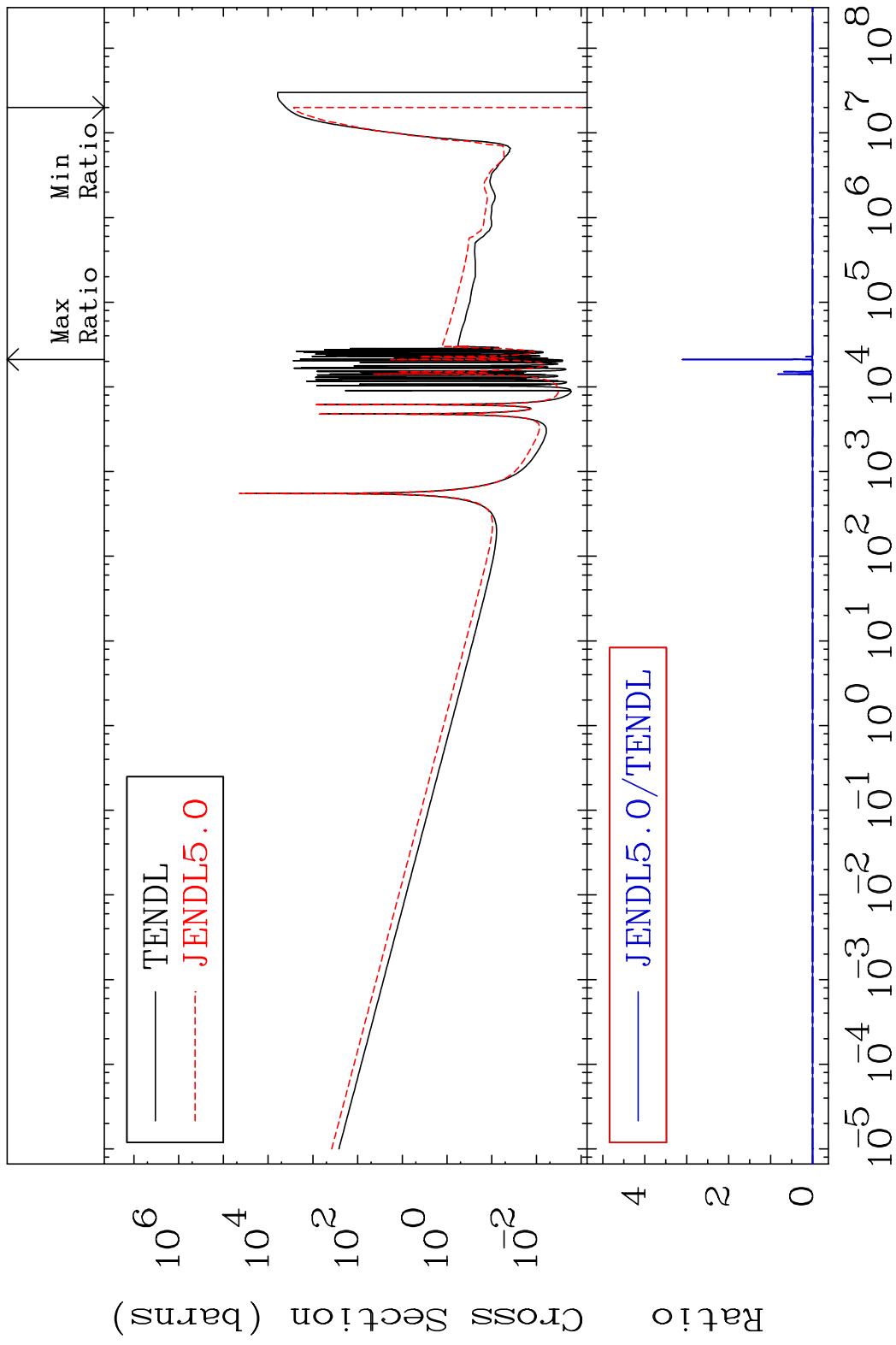
Incident Energy (eV)

32-Ge-76

MAT 3243 Dpa inelastic (mt51-91) 32-Ge-76  
 Cross Section -100.0 To 9999. %

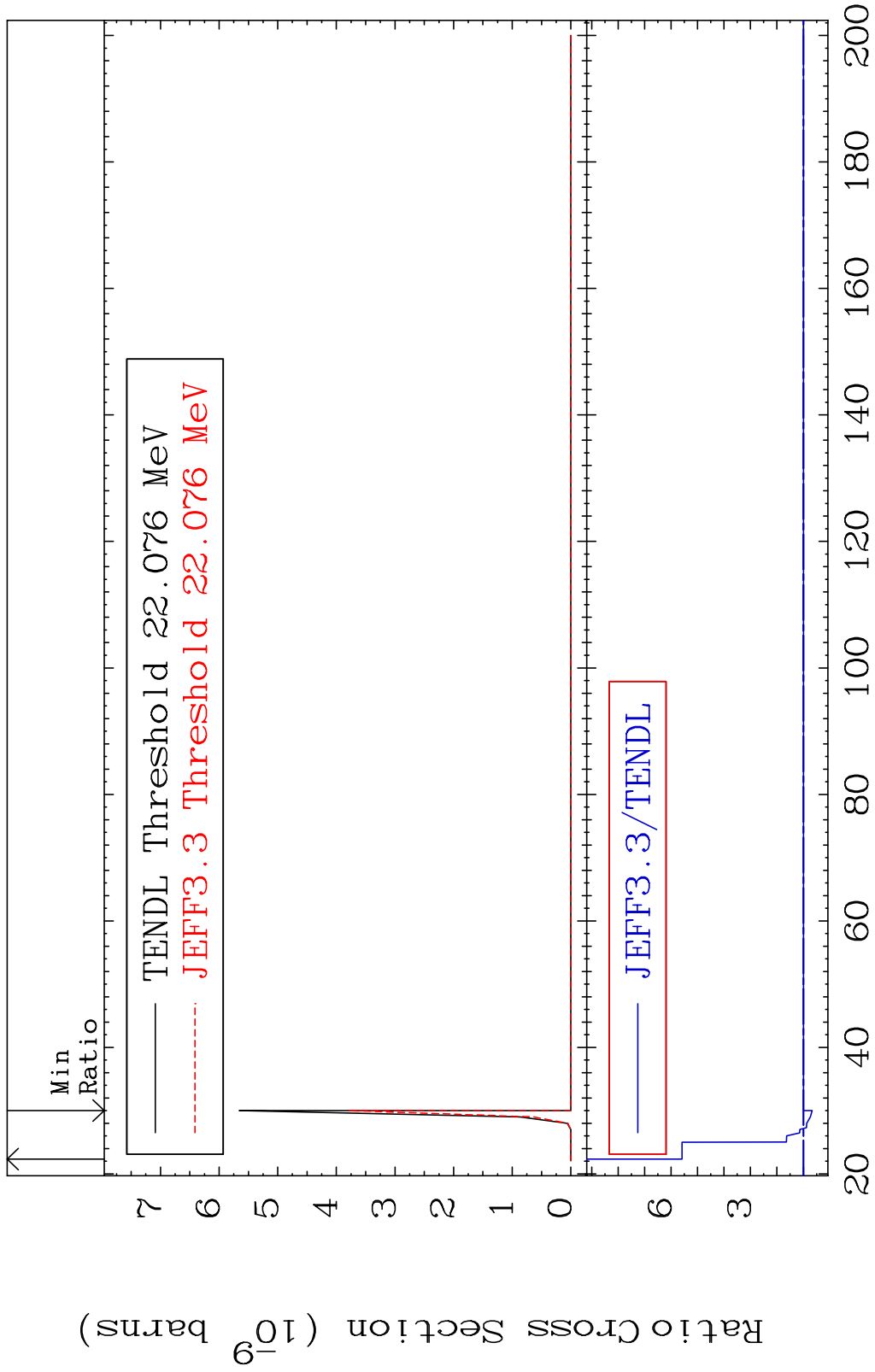


MAT 3243 Dpa disappearance (mt102 -120) 32-Ge-76  
 Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 32-Ge-76

MAT 3243 (n,p) t 32-Ge-76  
 Cross Section -32.93 To 458.8 %



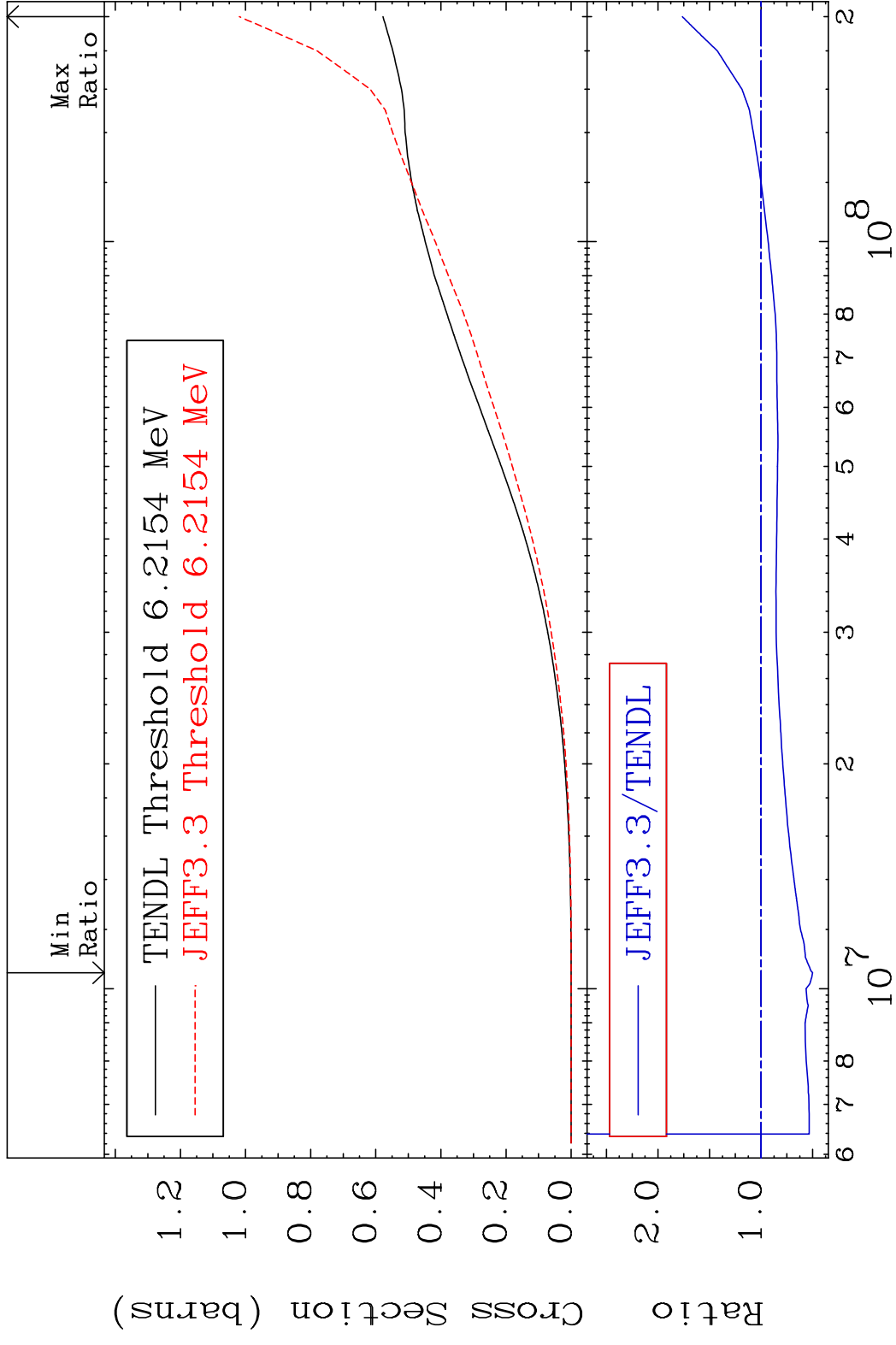


MAT 3243

Hydrogen Production

32-Ge-76

Cross Section -49.86 To 76.37 %



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Incident Energy (eV)

32-Ge-76

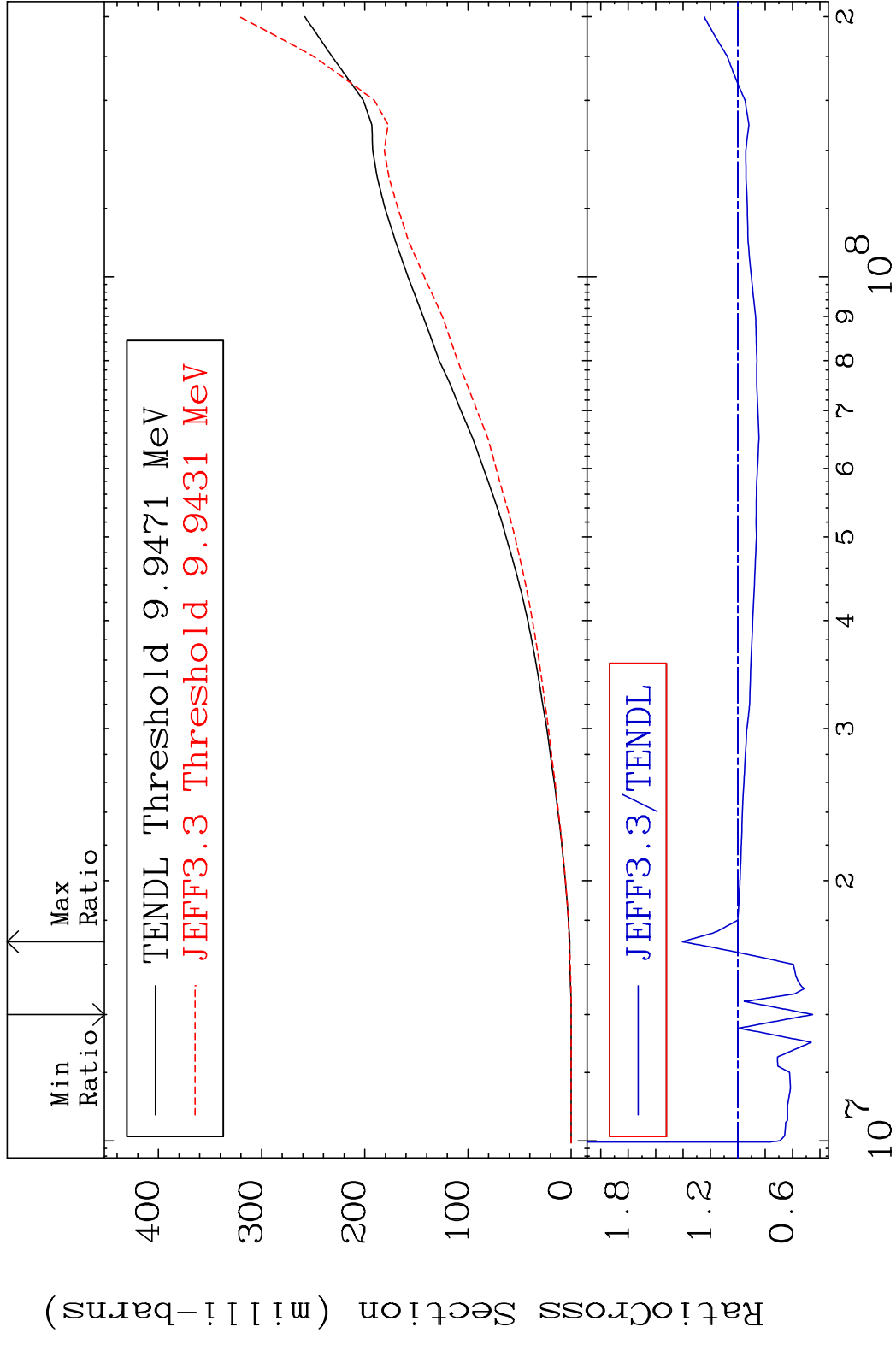


MAT 3243

Deuterium Production

32-Ge-76

Cross Section -54.60 To 40.48 %



64

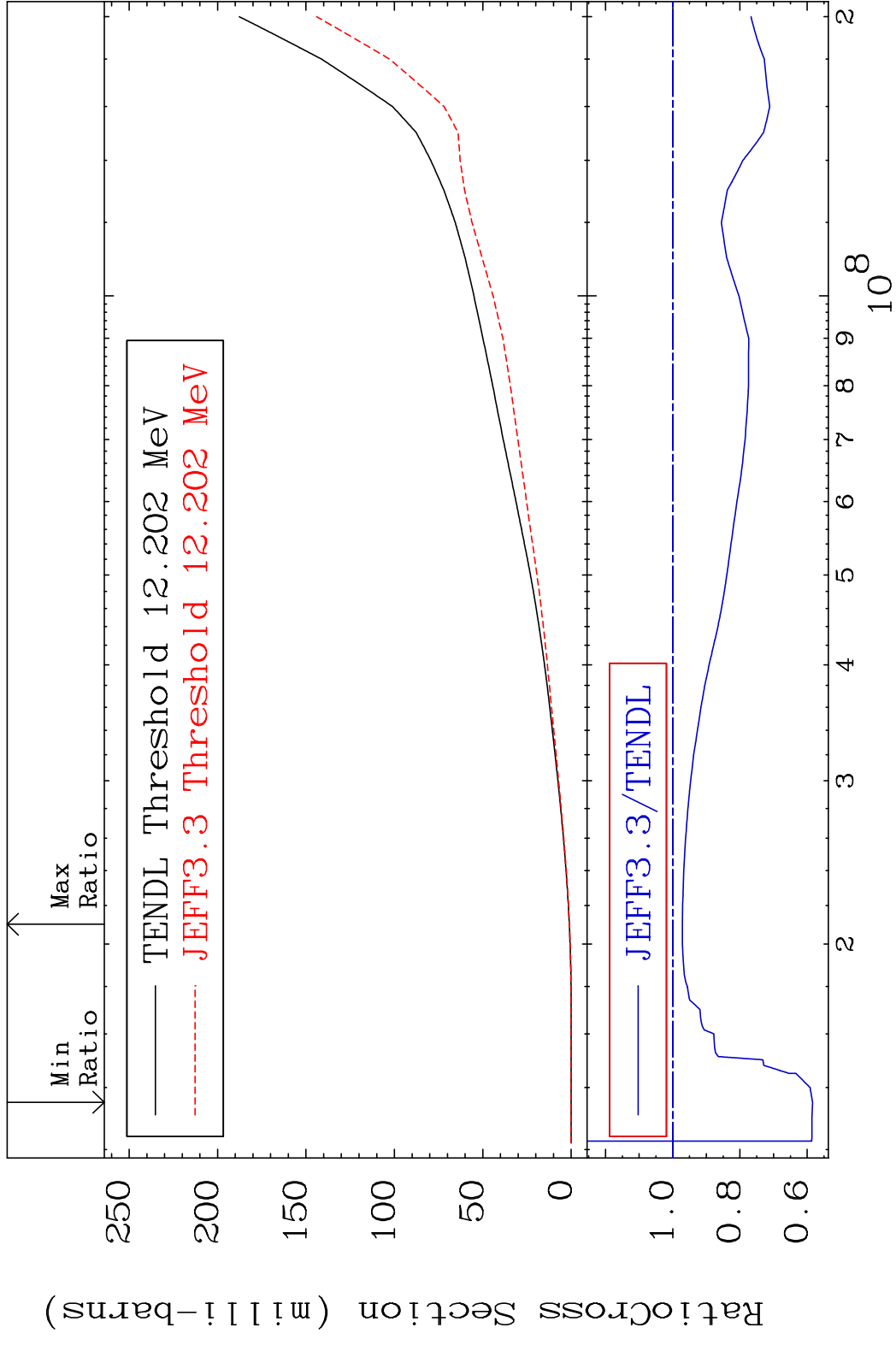
Incident Energy (eV)

32-Ge-76

MAT 3243

Tritium Production  
Cross Section -41.60 To -2.863%

32-Ge-76



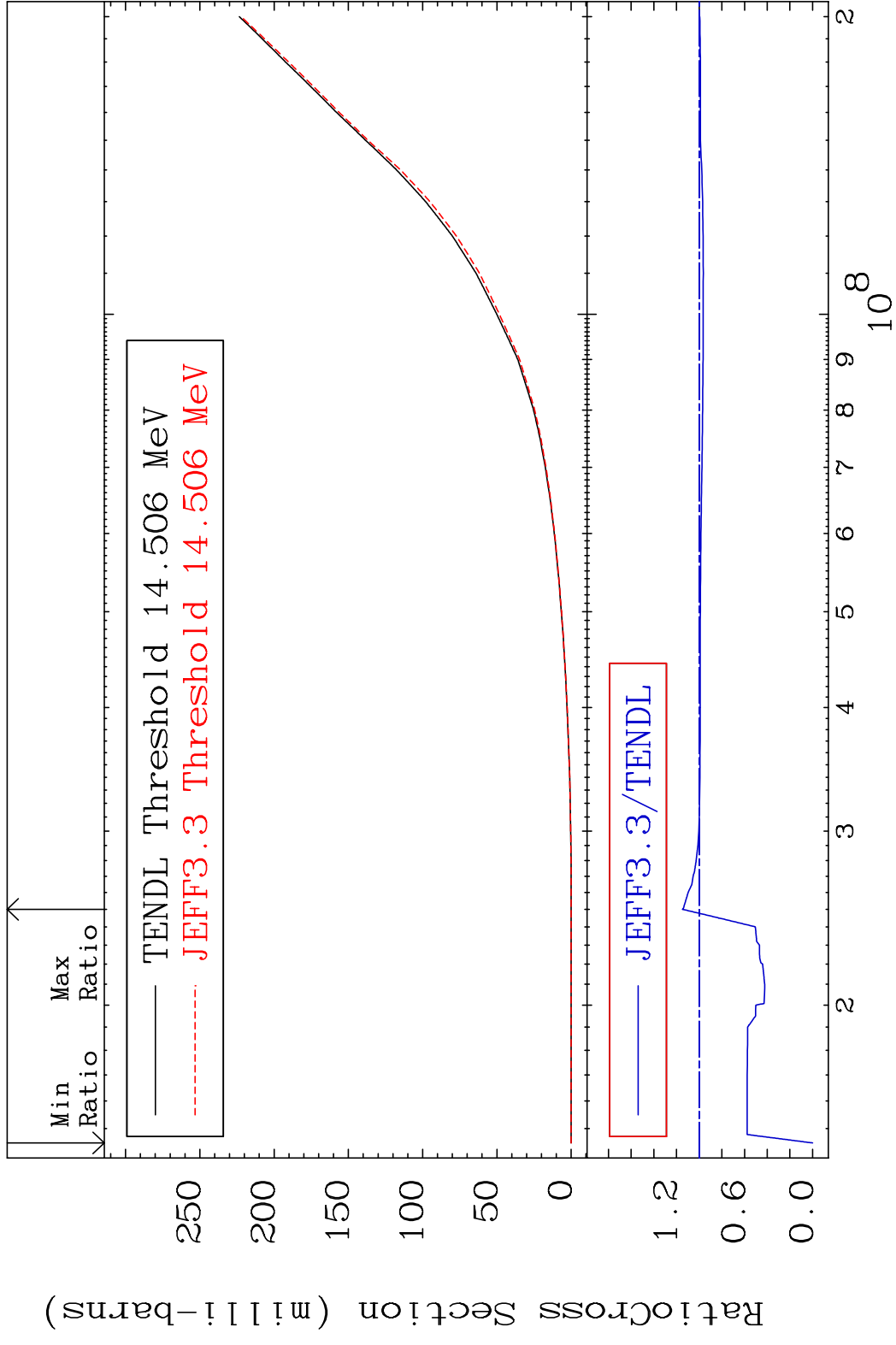
65

MAT 3243

He-3 Production

32-Ge-76

Cross Section -100.0 To 14.86 %

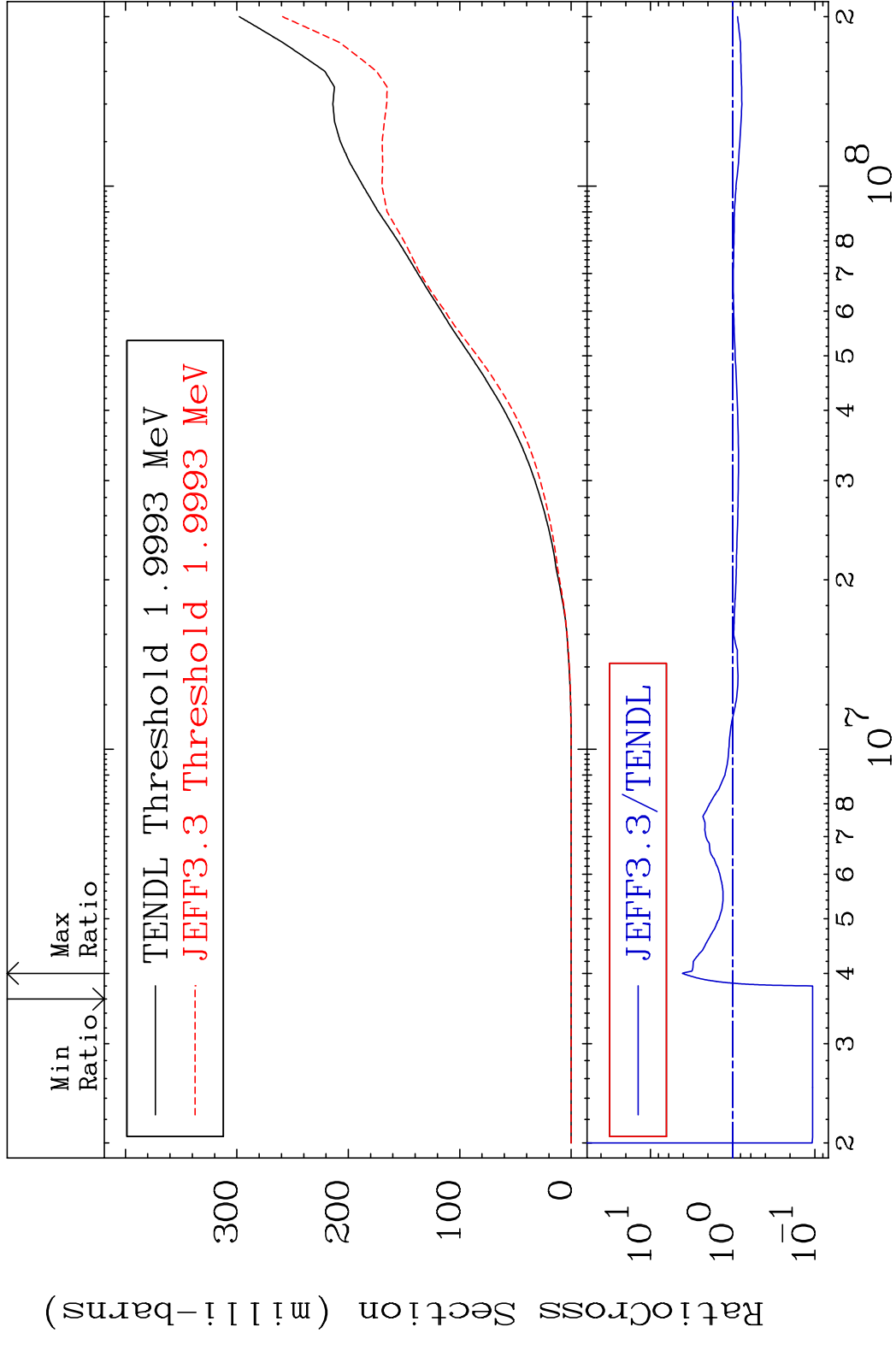


MAT 3243

He-4 Production

32-Ge-76

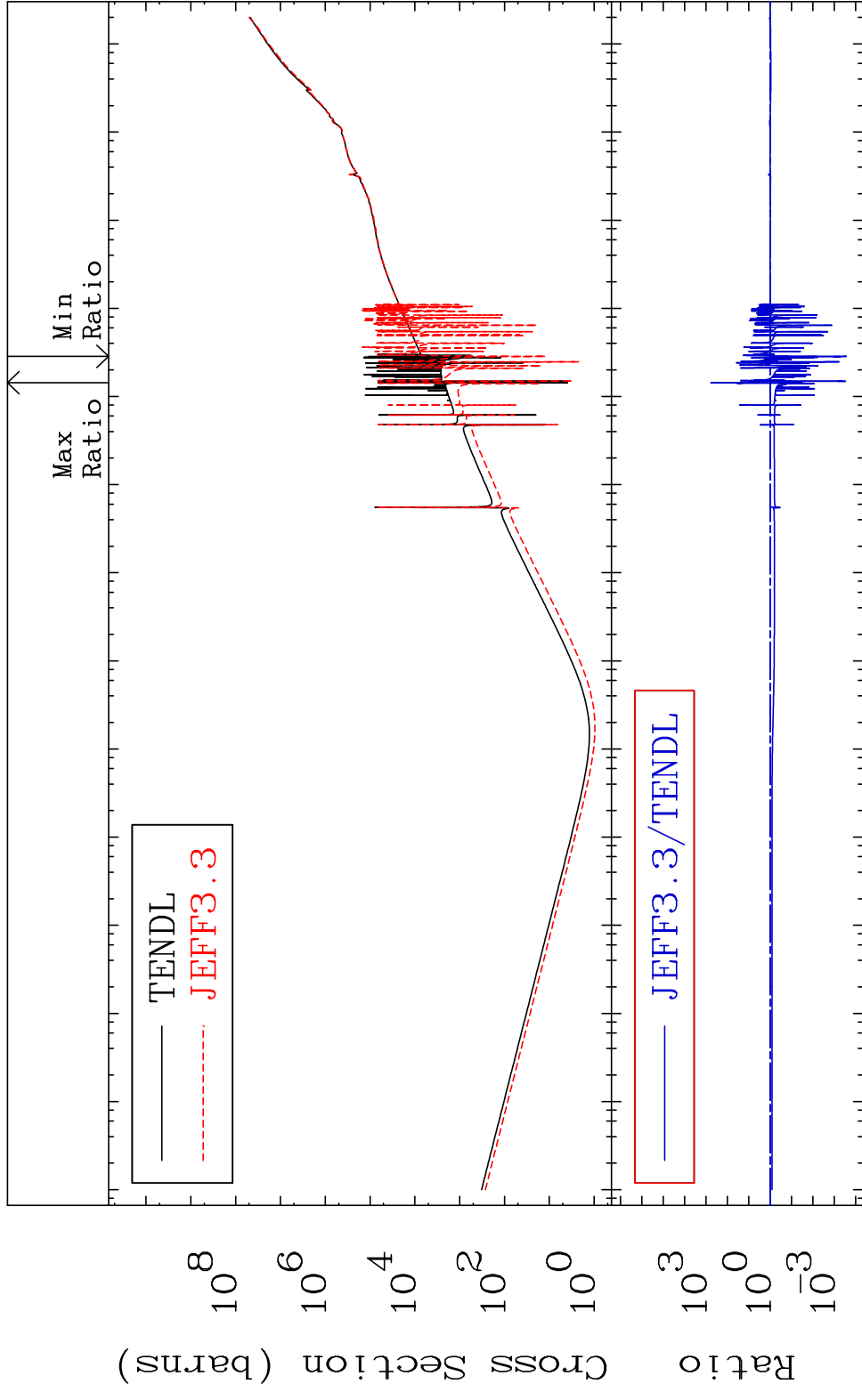
Cross Section -89.33 To 309.6 %



MAT 3243

Kerma total (eV-barns) 32-Ge-76

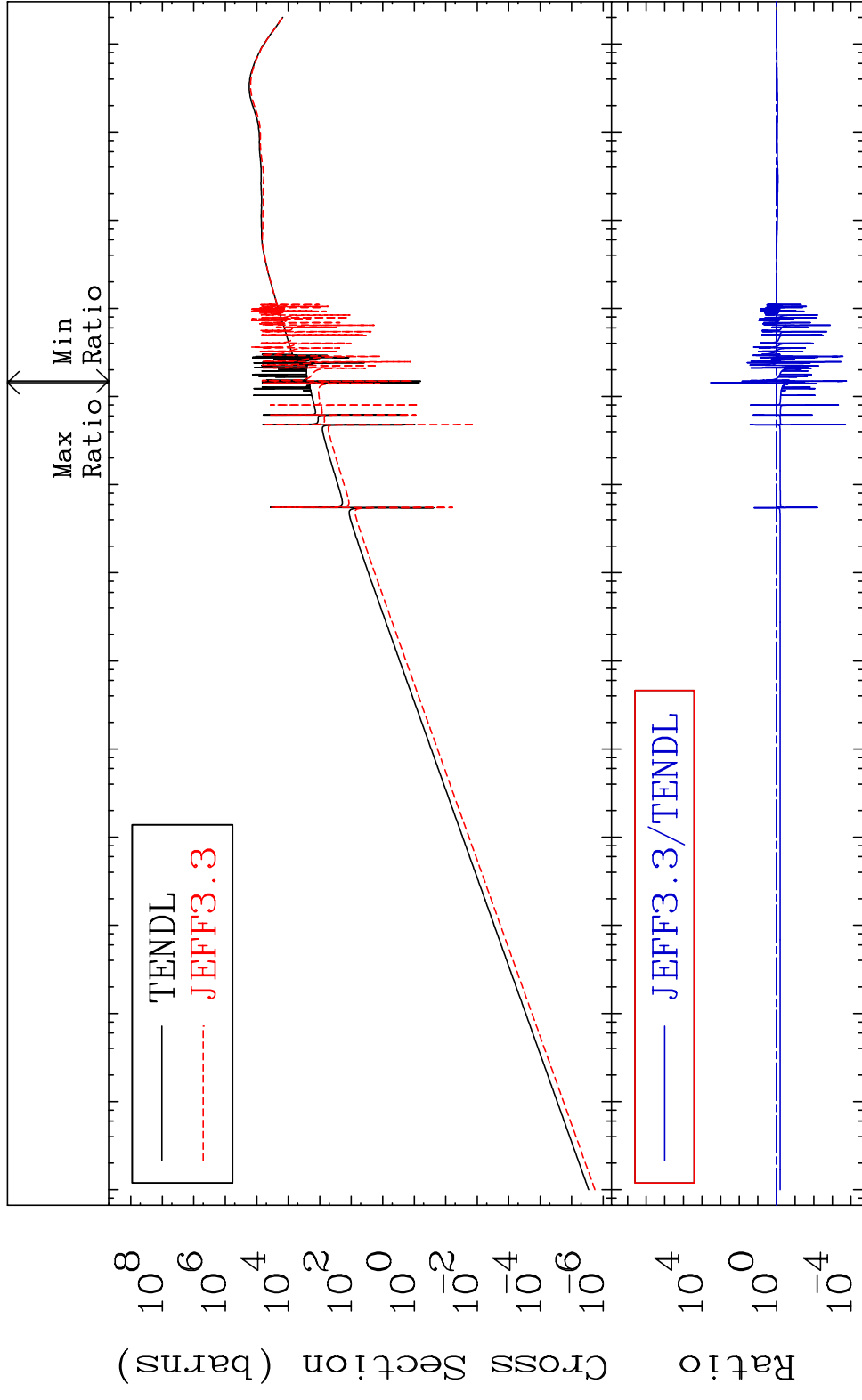
Cross Section -99.97 To 9999. %



MAT 3243

Kerma elastic  
Cross Section -99.98 To 9999. %

<sup>32</sup>Ge-76

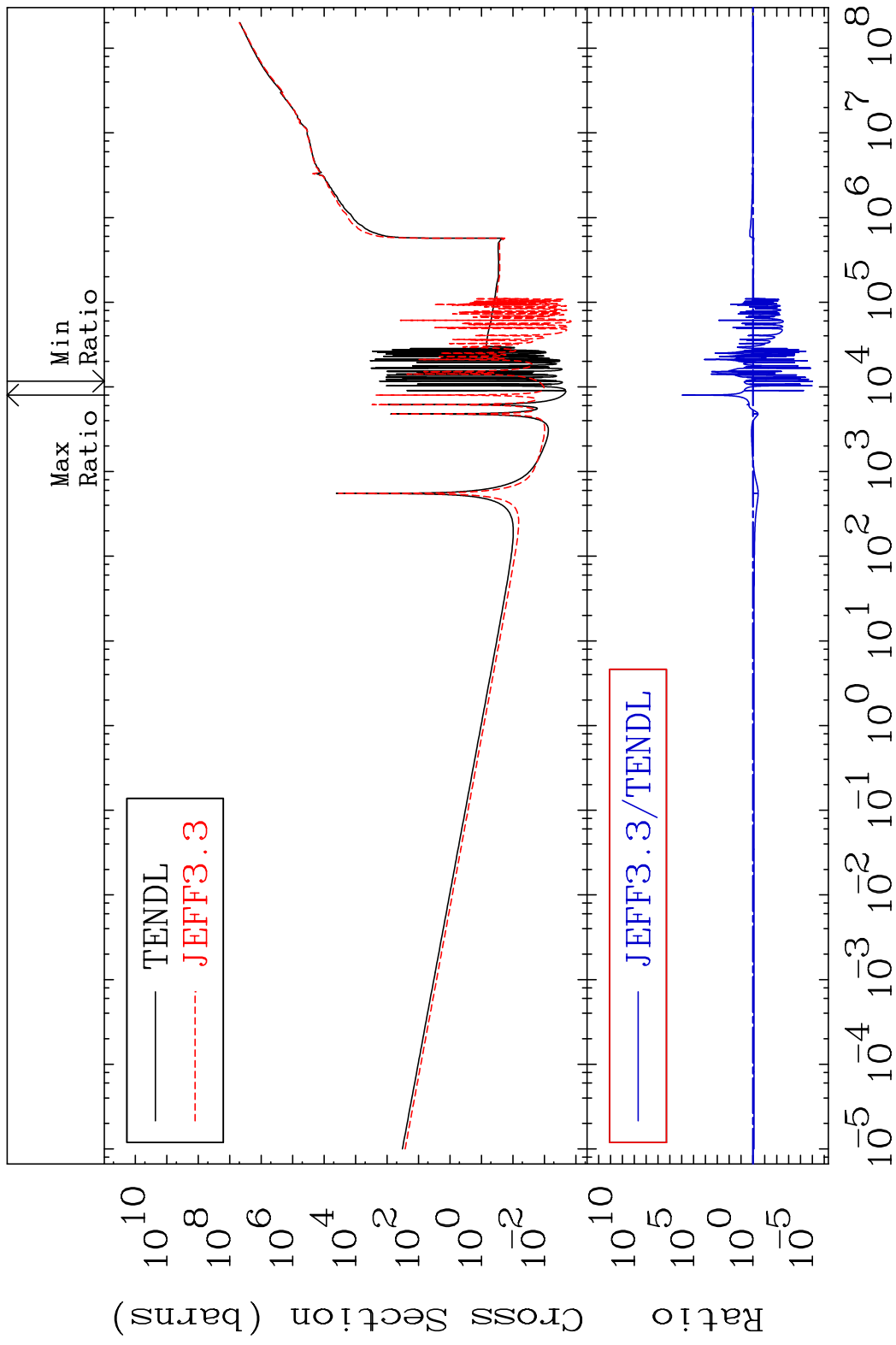


69

Incident Energy (eV)

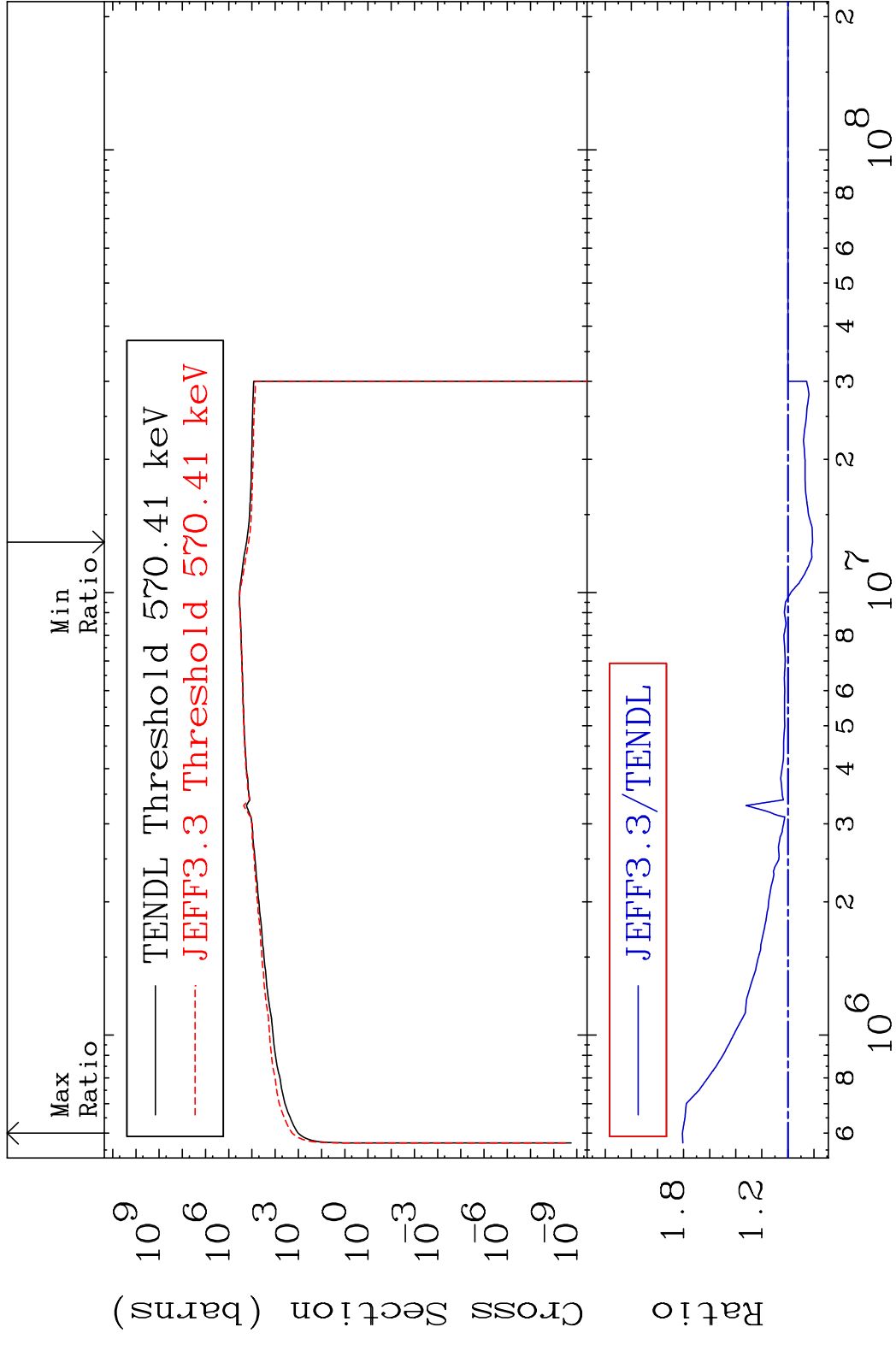
<sup>32</sup>Ge-76

MAT 3243 Kerma non-elastic (all but mt2) 32-Ge-76  
 Cross Section -100.0 To 9999. %



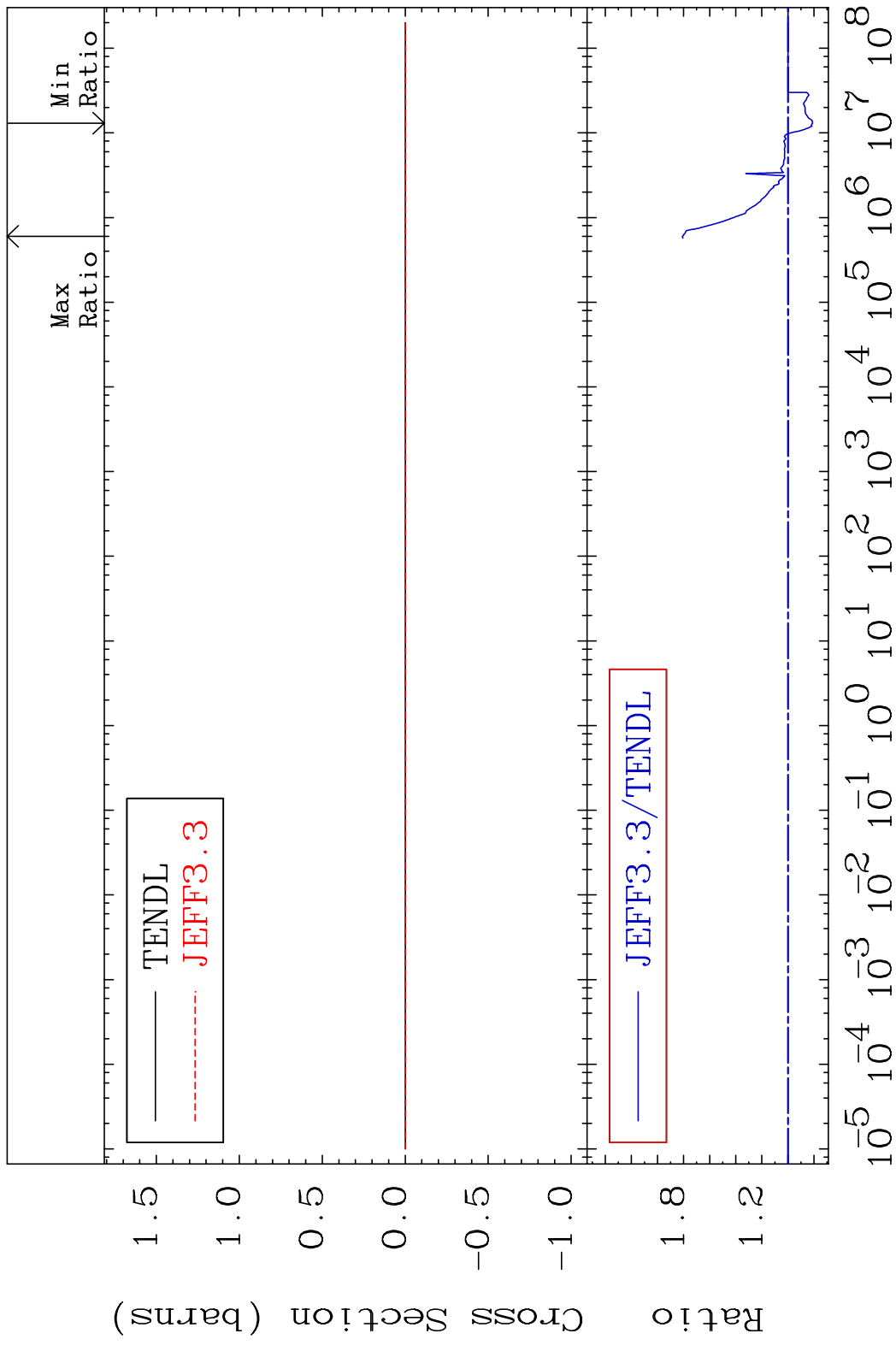
70 Incident Energy (eV) 32-Ge-76

MAT 3243 Kerma inelastic (mt51-91) 32-Ge-76  
 Cross Section -18.87 To 80.93 %



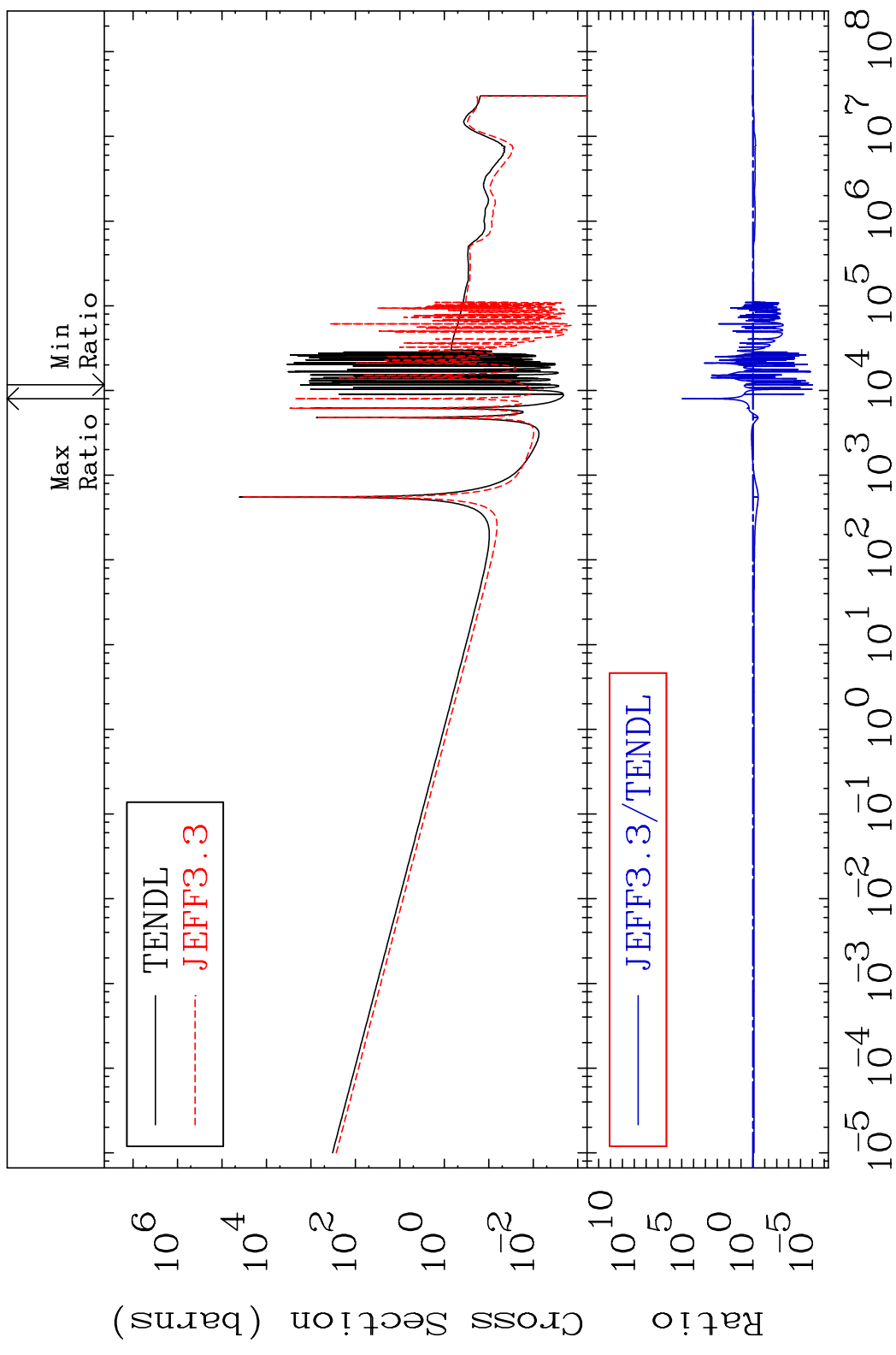


MAT 3243 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-76  
 Cross Section -18.87 To 80.93 %



MAT 3243

Kerma capture (mt102) 32-Ge-76  
Cross Section -100.0 To 9999. %

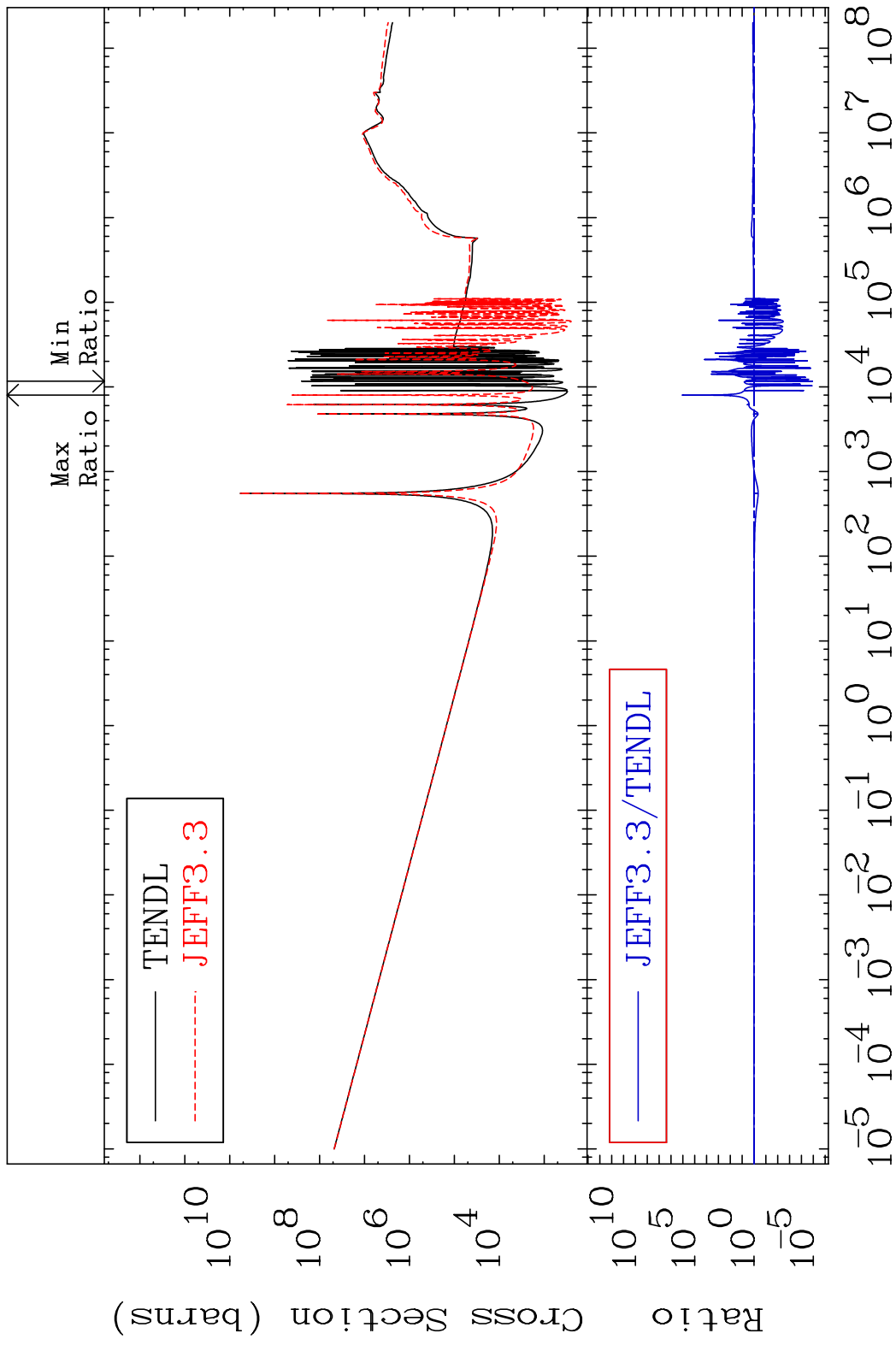


73

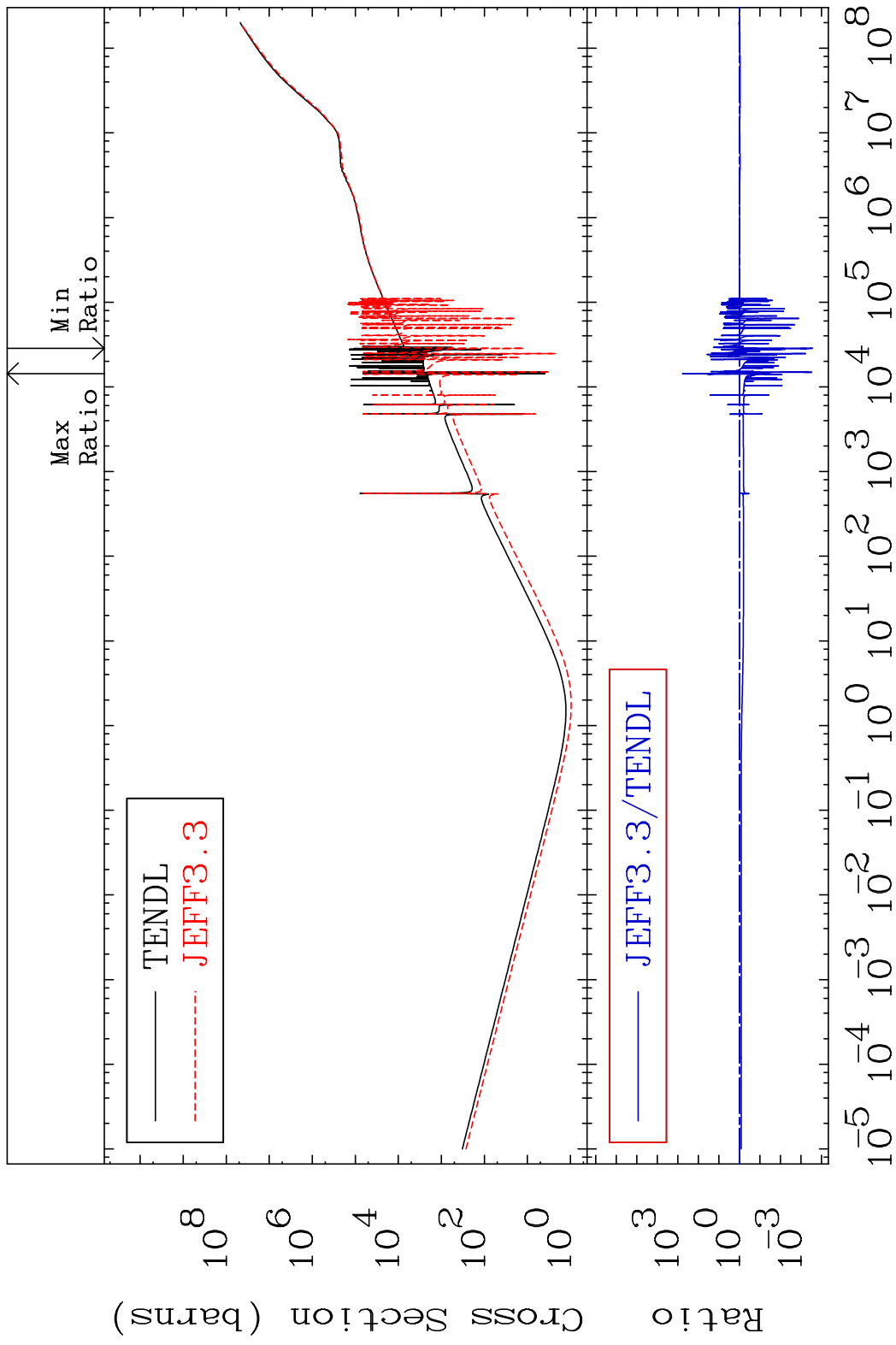
Incident Energy (eV)

32-Ge-76

MAT 3243 Total photon (eV-barns) 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243 Total kinematic kerma (high limit) 32-Ge-76  
 Cross Section -99.97 To 9999. %

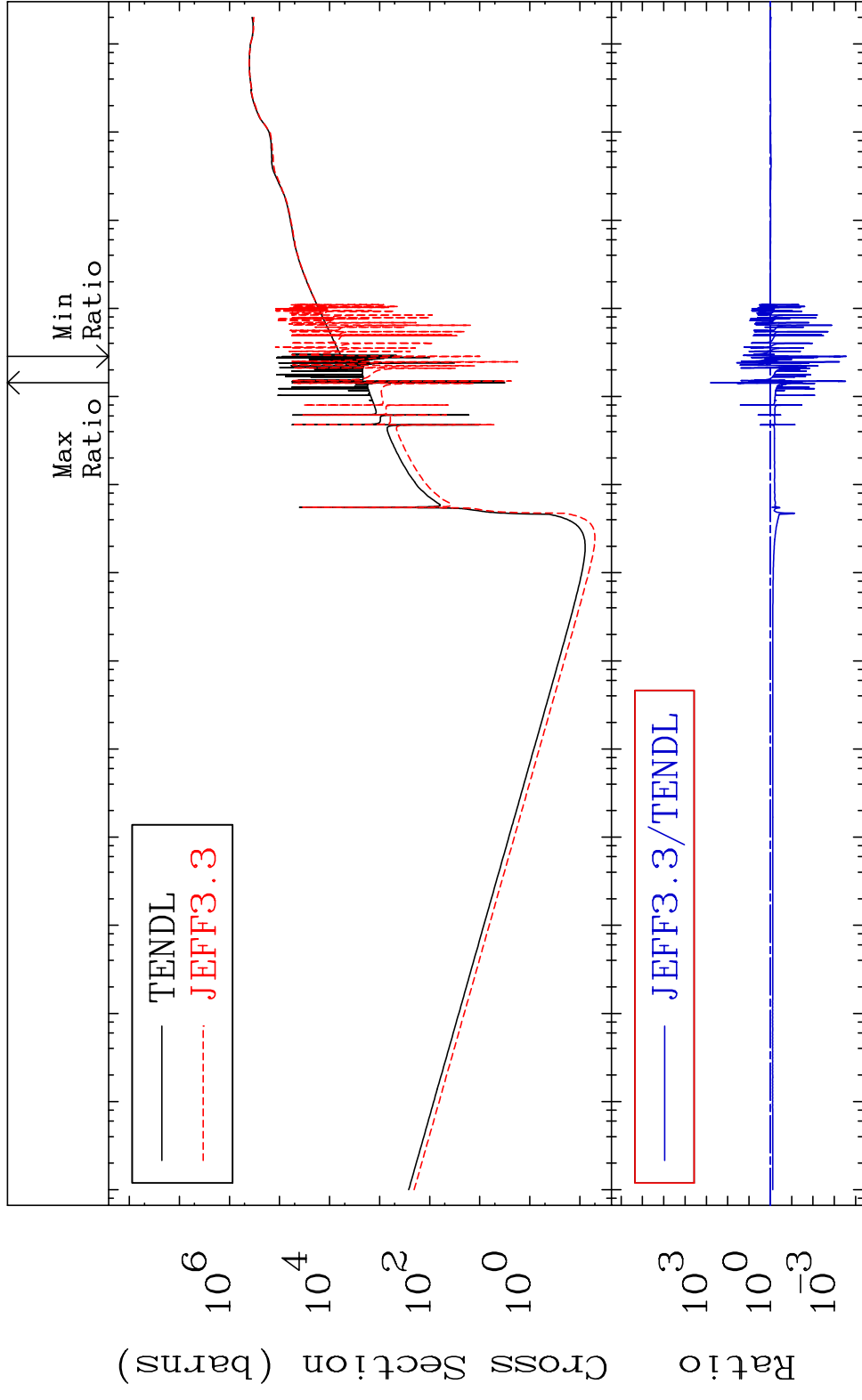


MAT 3243

Dpa total (eV-barns)

32-Ge-76

Cross Section -99.97 To 9999. %



76

Incident Energy (eV)

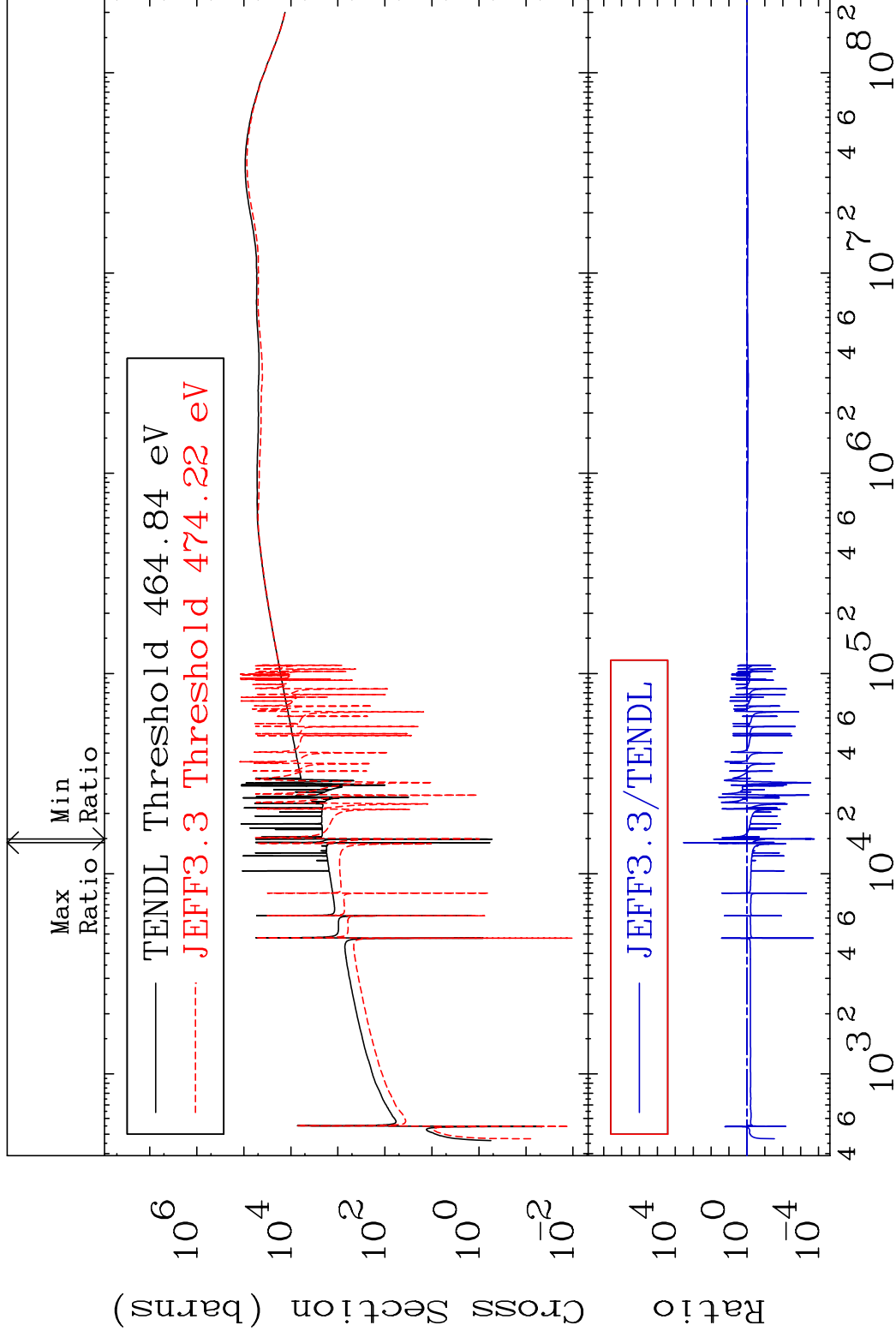
32-Ge-76

MAT 3243

Dpa elastic (mt2)

32-Ge-76

Cross Section -99.98 To 9999. %

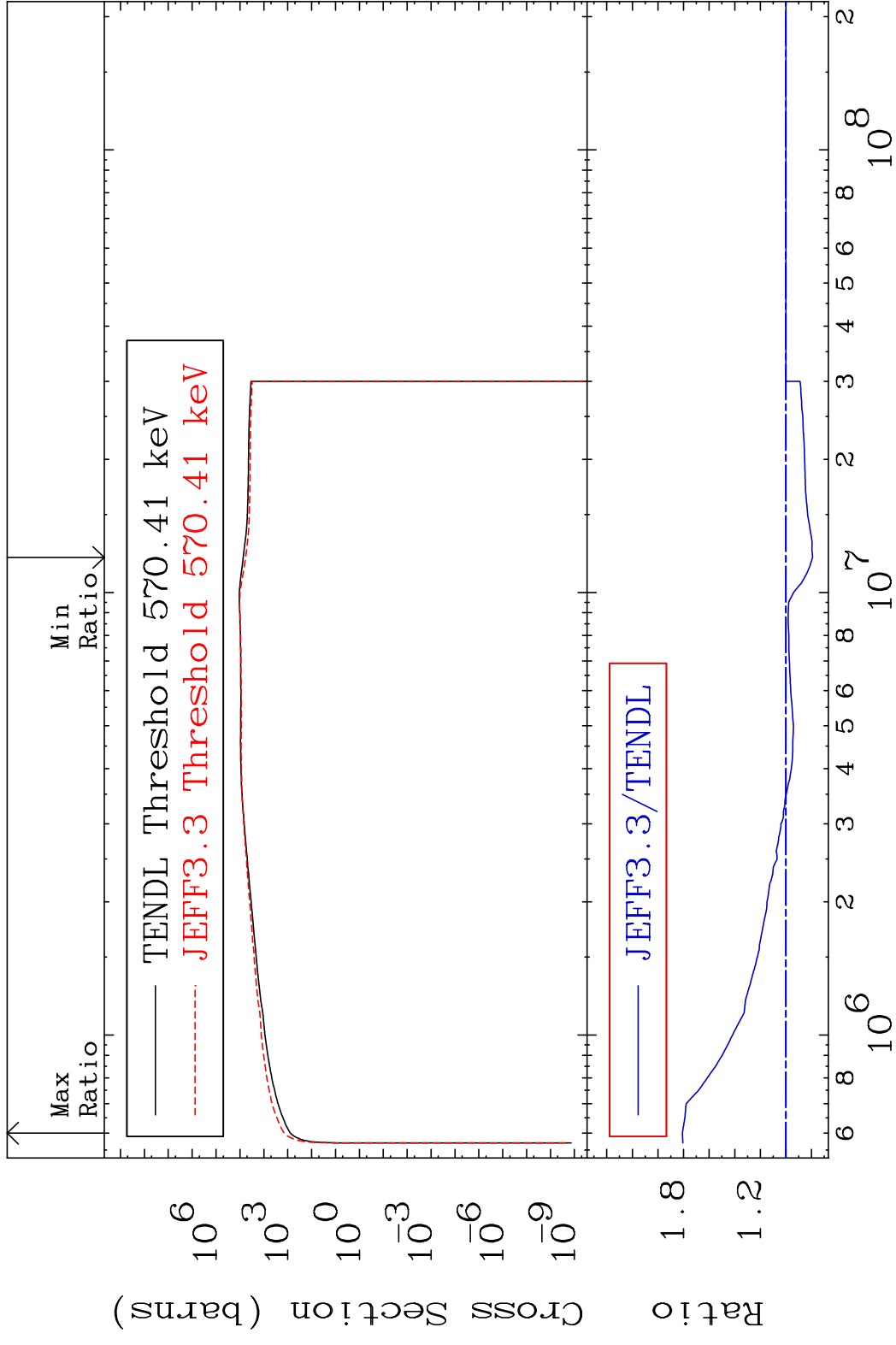


77

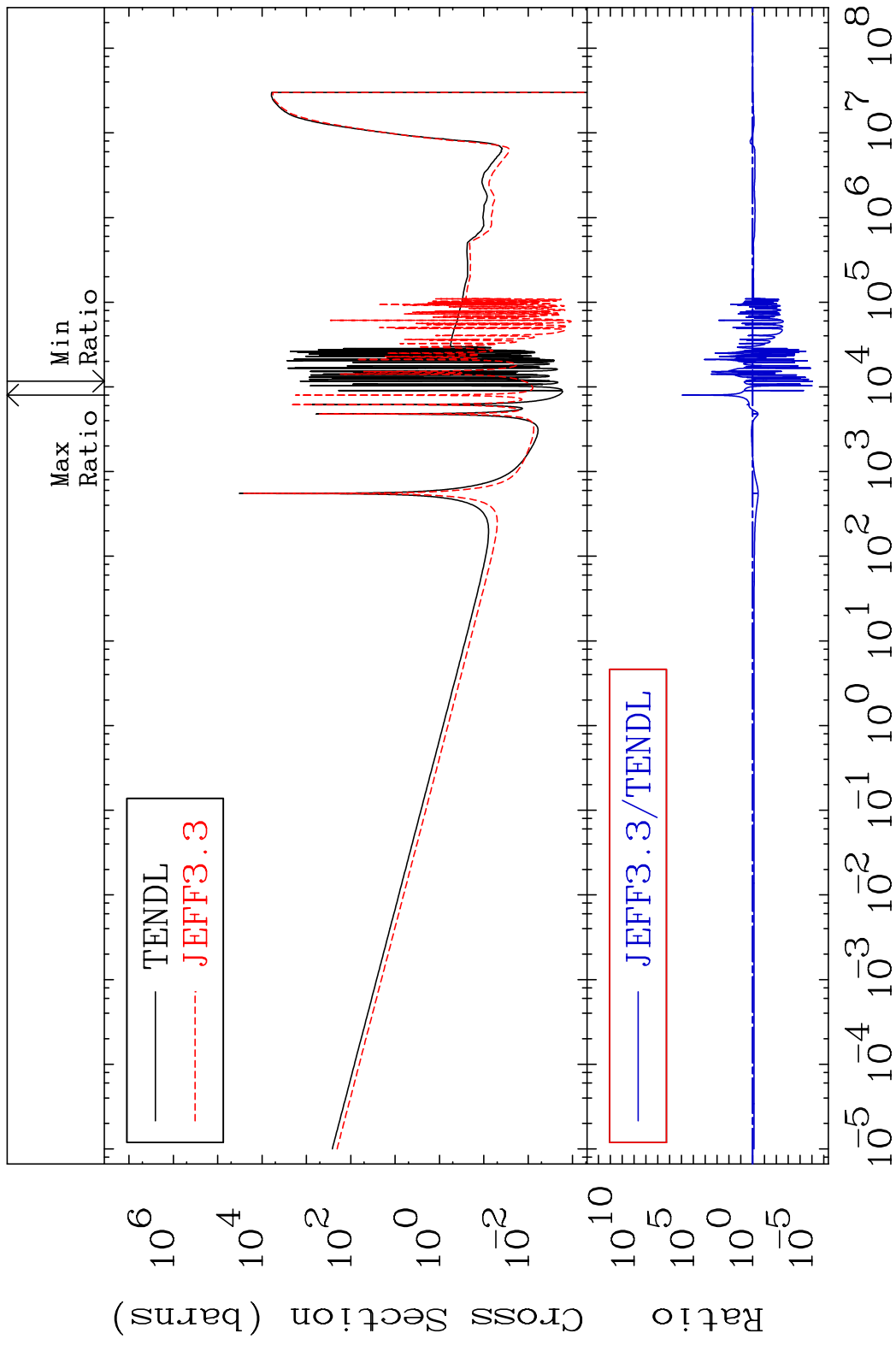
Incident Energy (eV)

32-Ge-76

MAT 3243 Dpa inelastic (mt51-91) 32-Ge-76  
 Cross Section -20.80 To 80.92 %

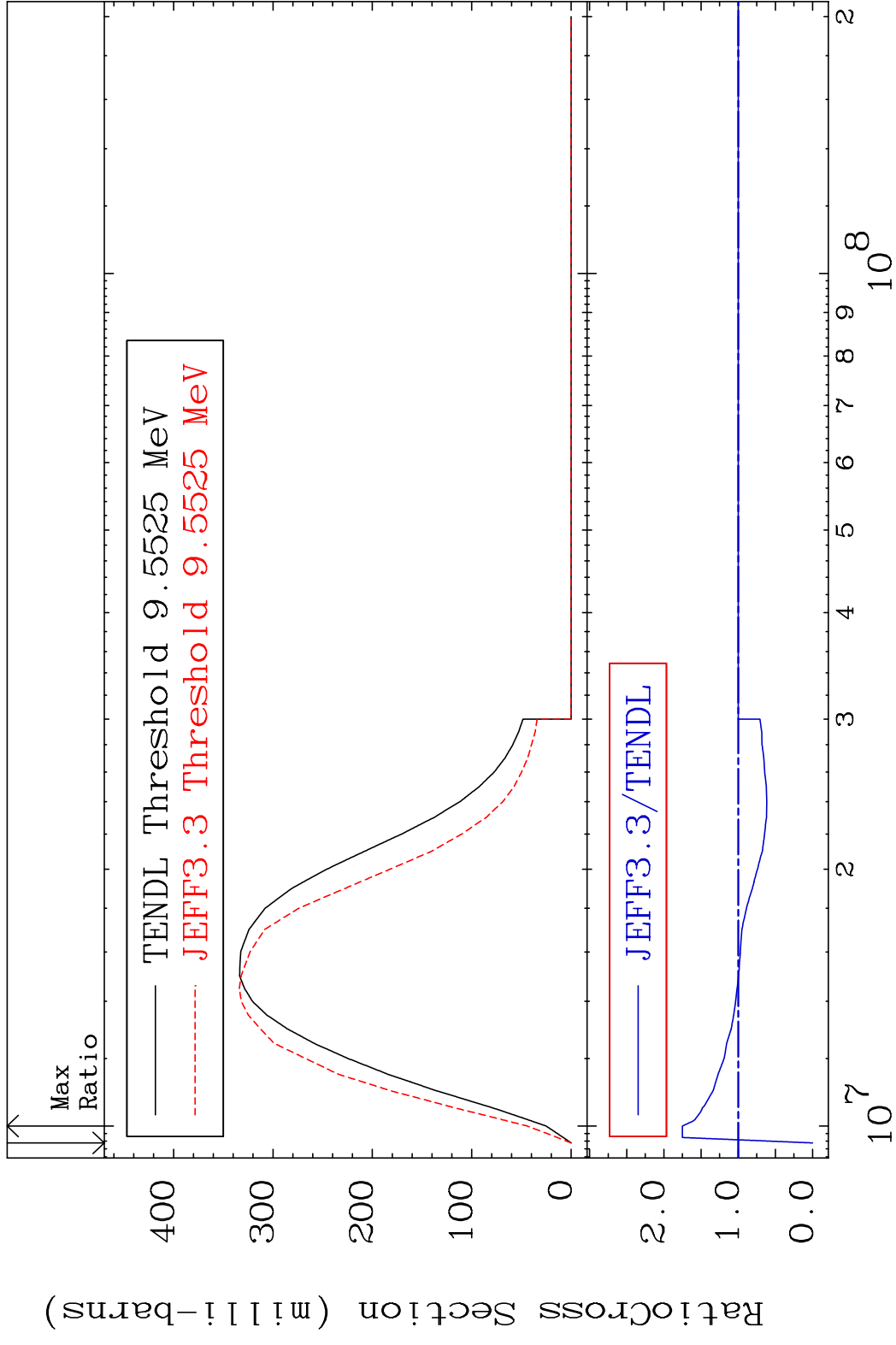


MAT 3243 Dpa disappearance (mt102 -120) 32-Ge-76  
 Cross Section -100.0 To 9999. %



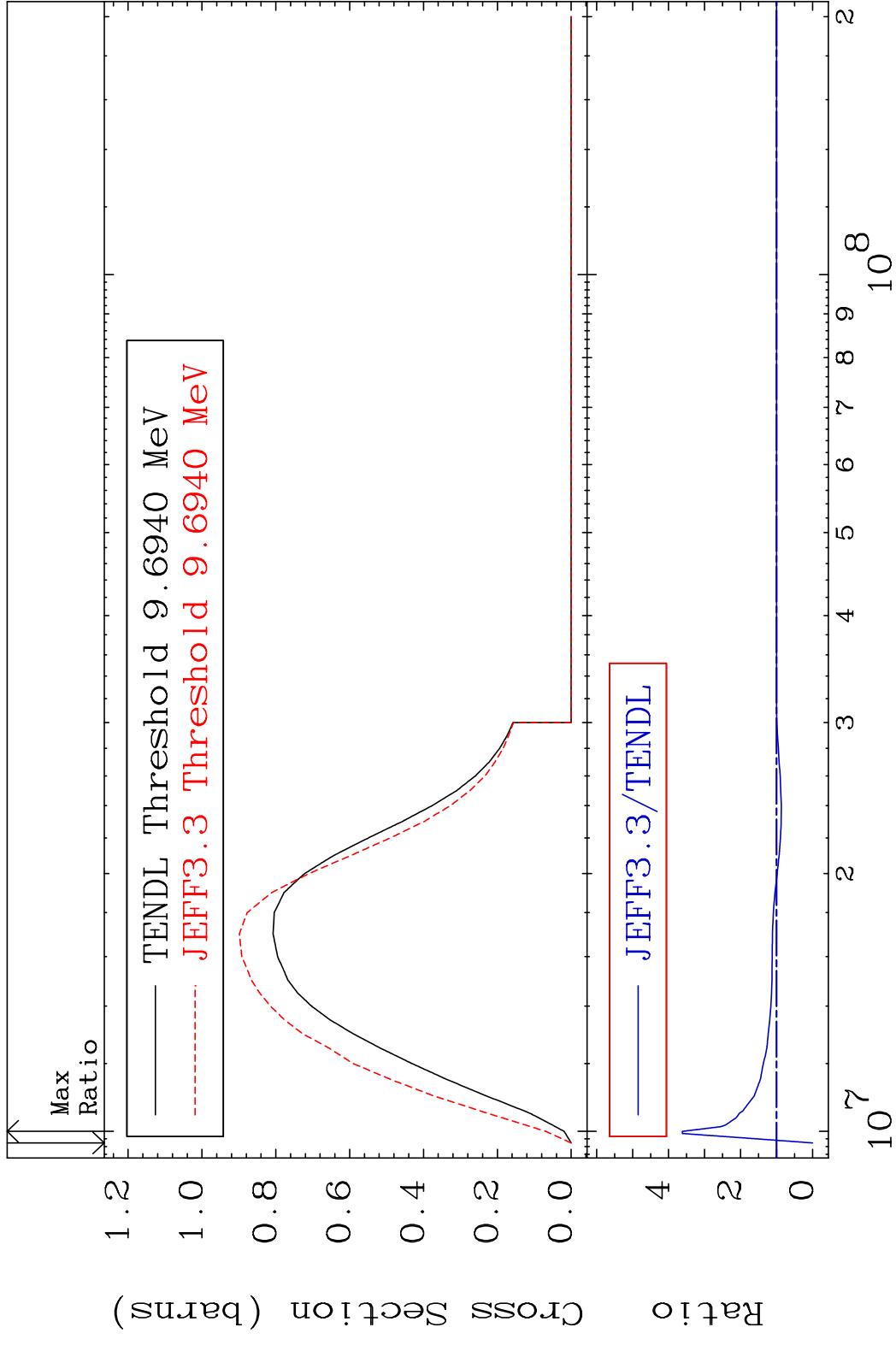


MAT 3243 (n,2n):32-Ge-75g 32-Ge-76  
 Radionuclide Production Cross Section 180.0 mb 75.18 %

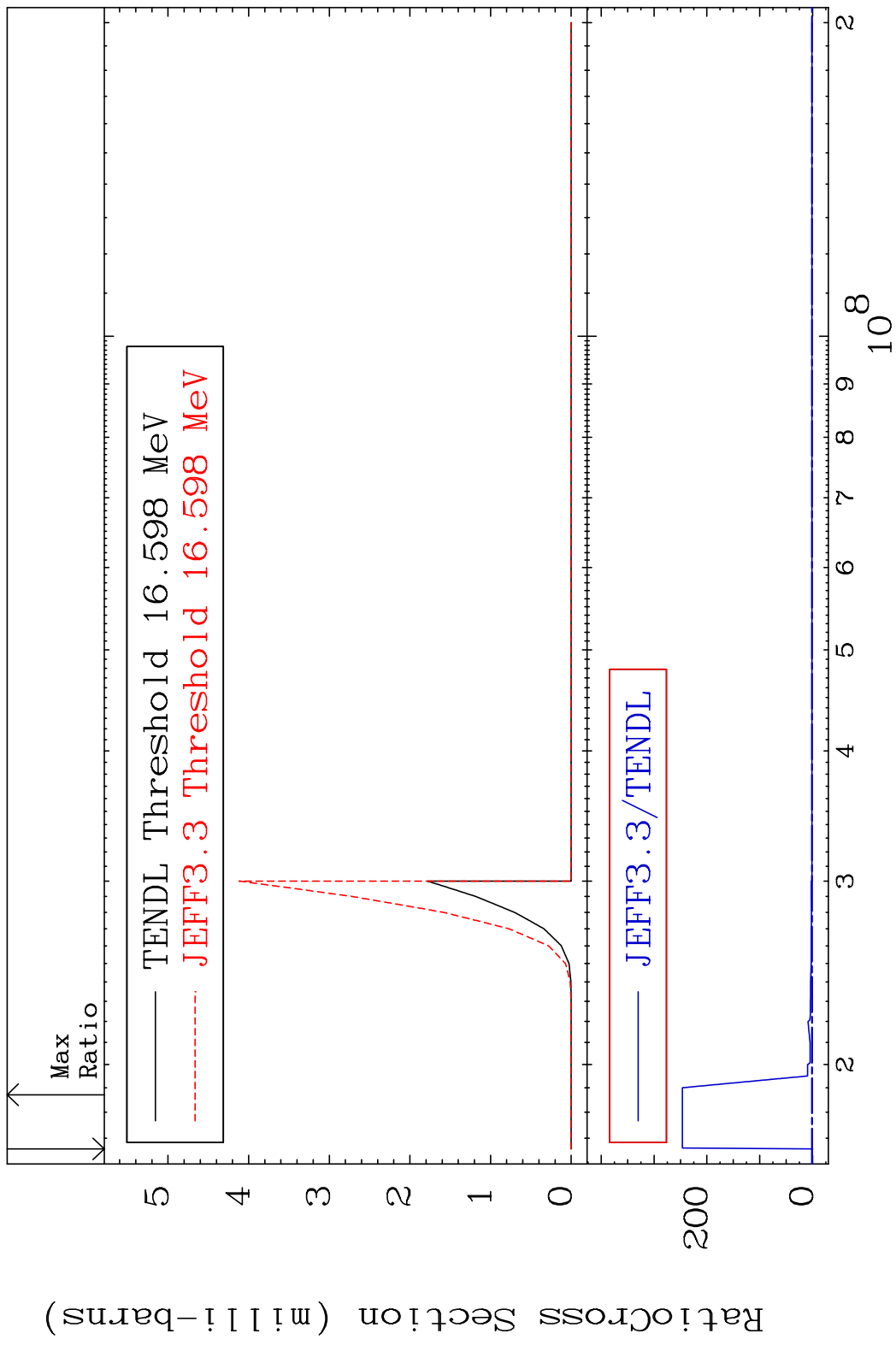


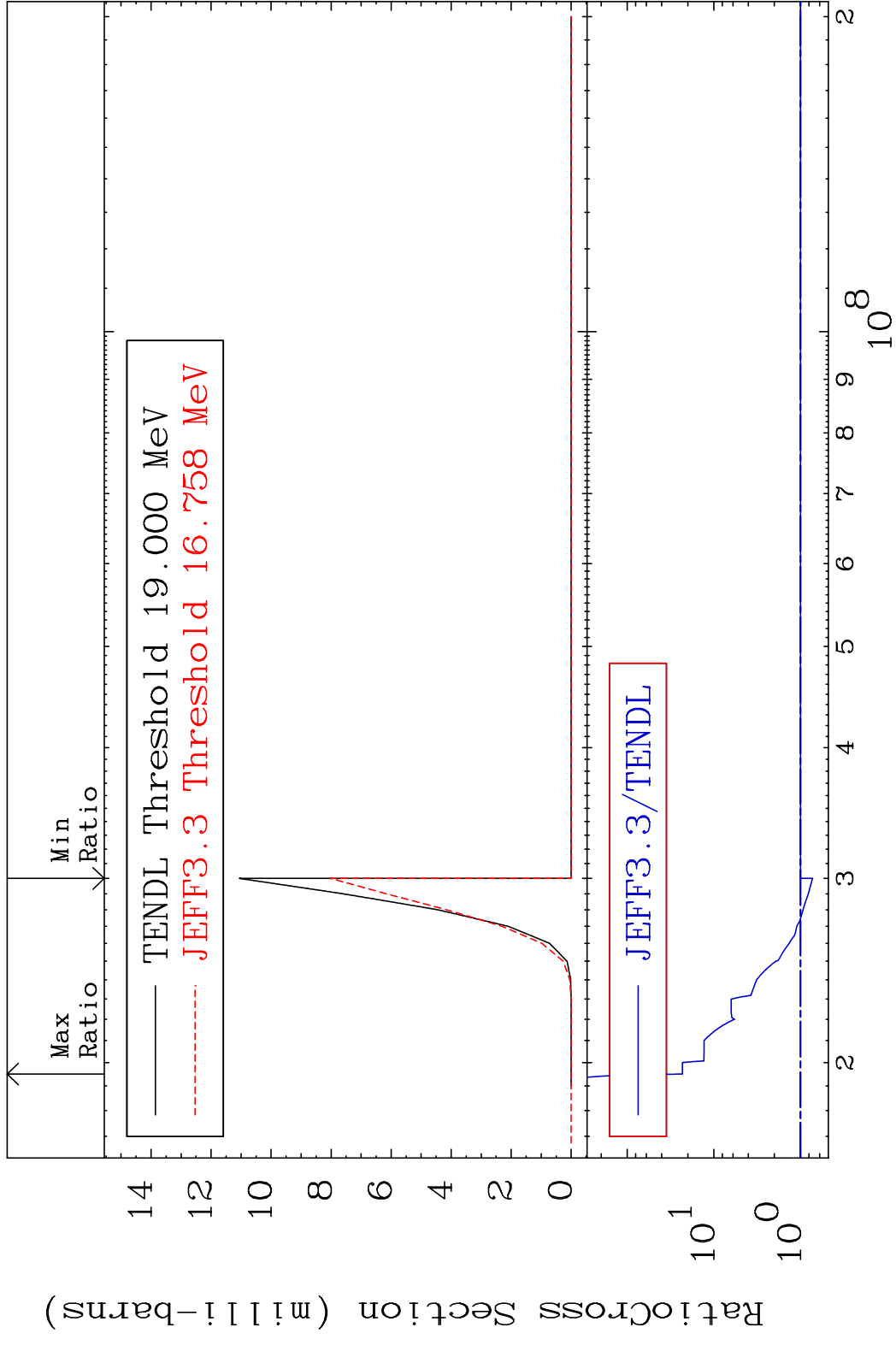
80 10<sup>7</sup> 10<sup>8</sup> 32-Ge-76

MAT 3243 (n,2n):32-Ge-75m2 32-Ge-76  
 Radionuclide Production Cross Section Ratio 261.7 %

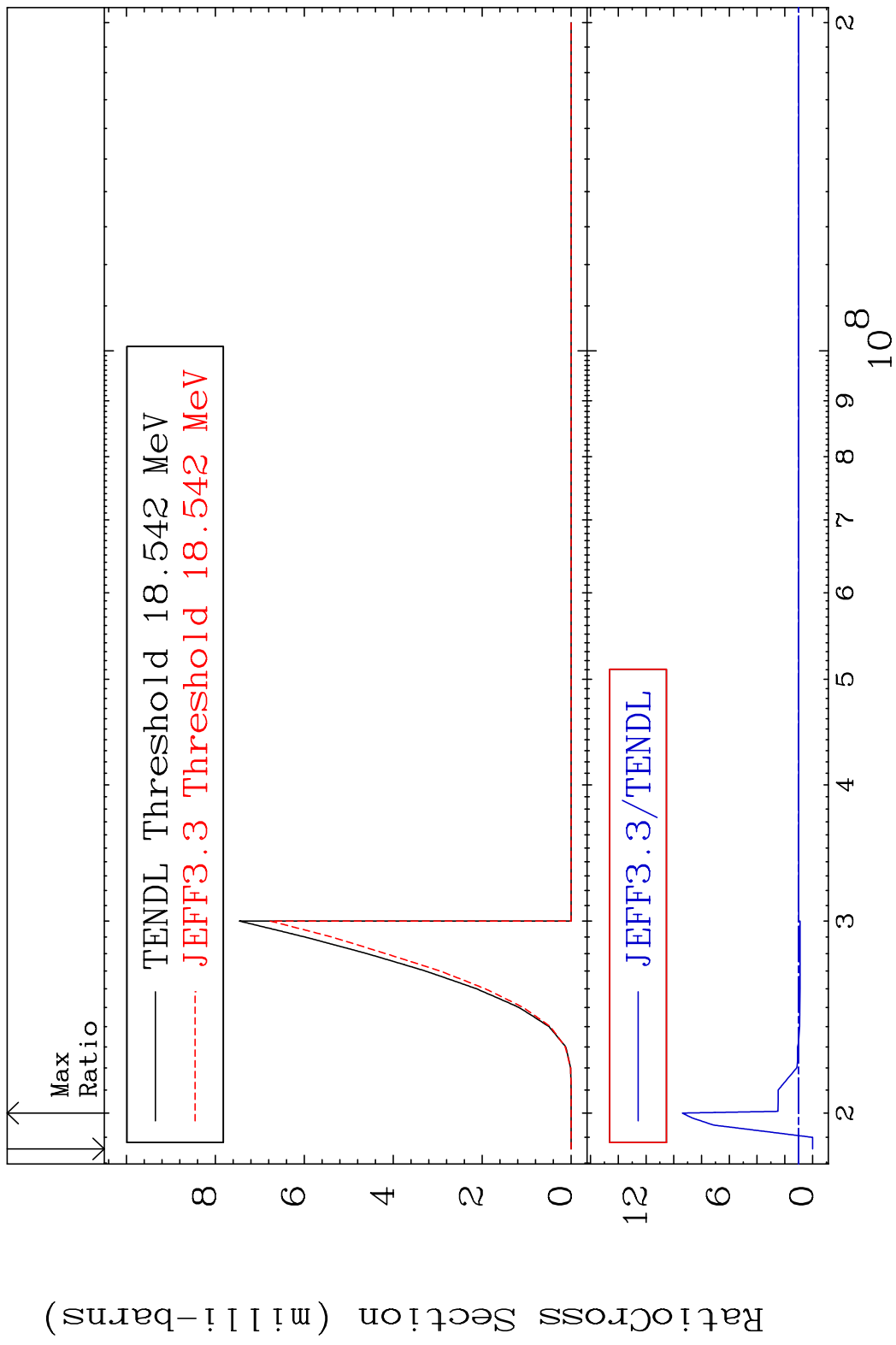


MAT 3243 (n,2n)  $\alpha$ :30-Zn-71g 32-Ge-76  
 Radionuclide Production Cross Section 100.00 dtd 9999. %

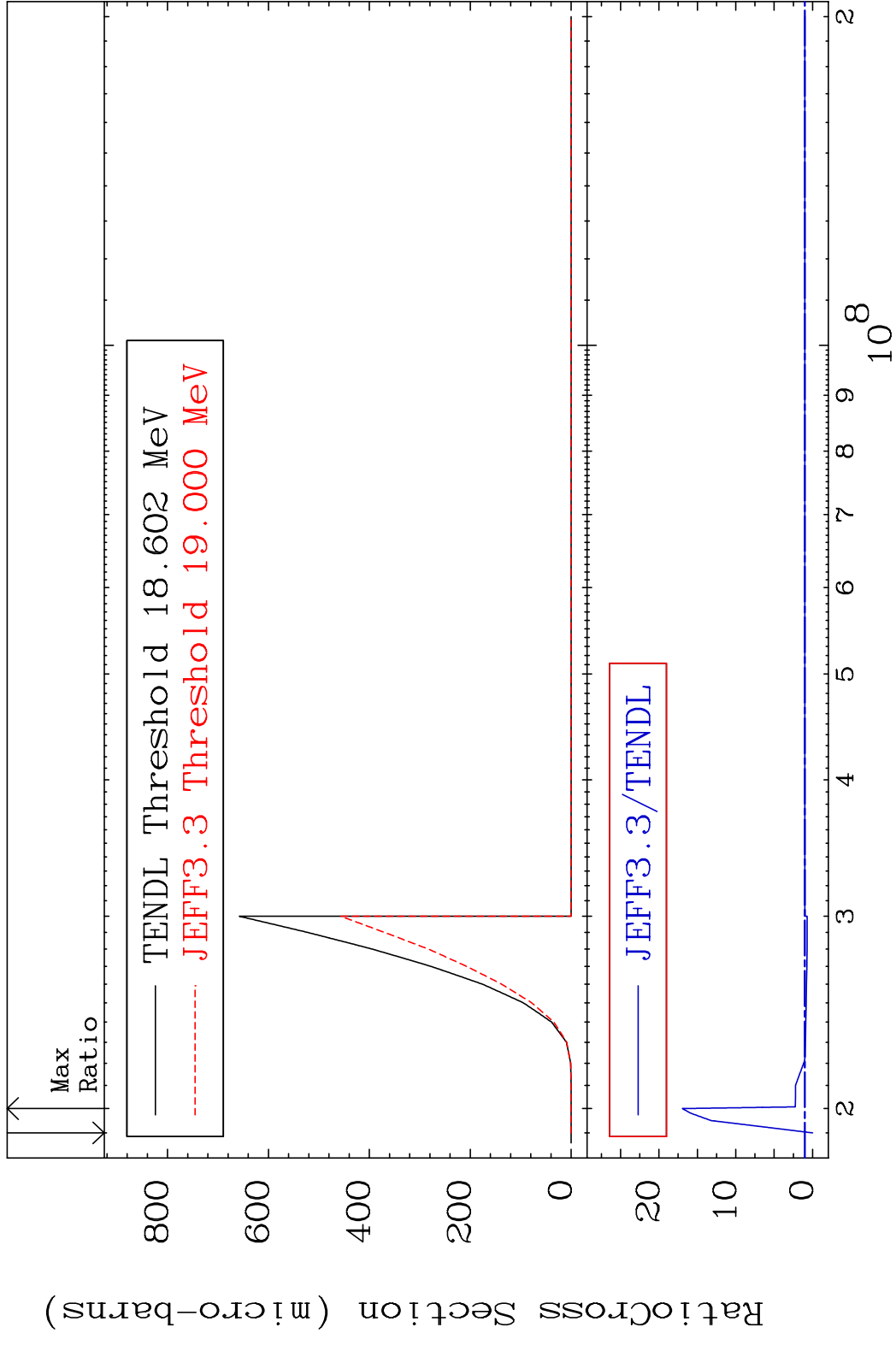




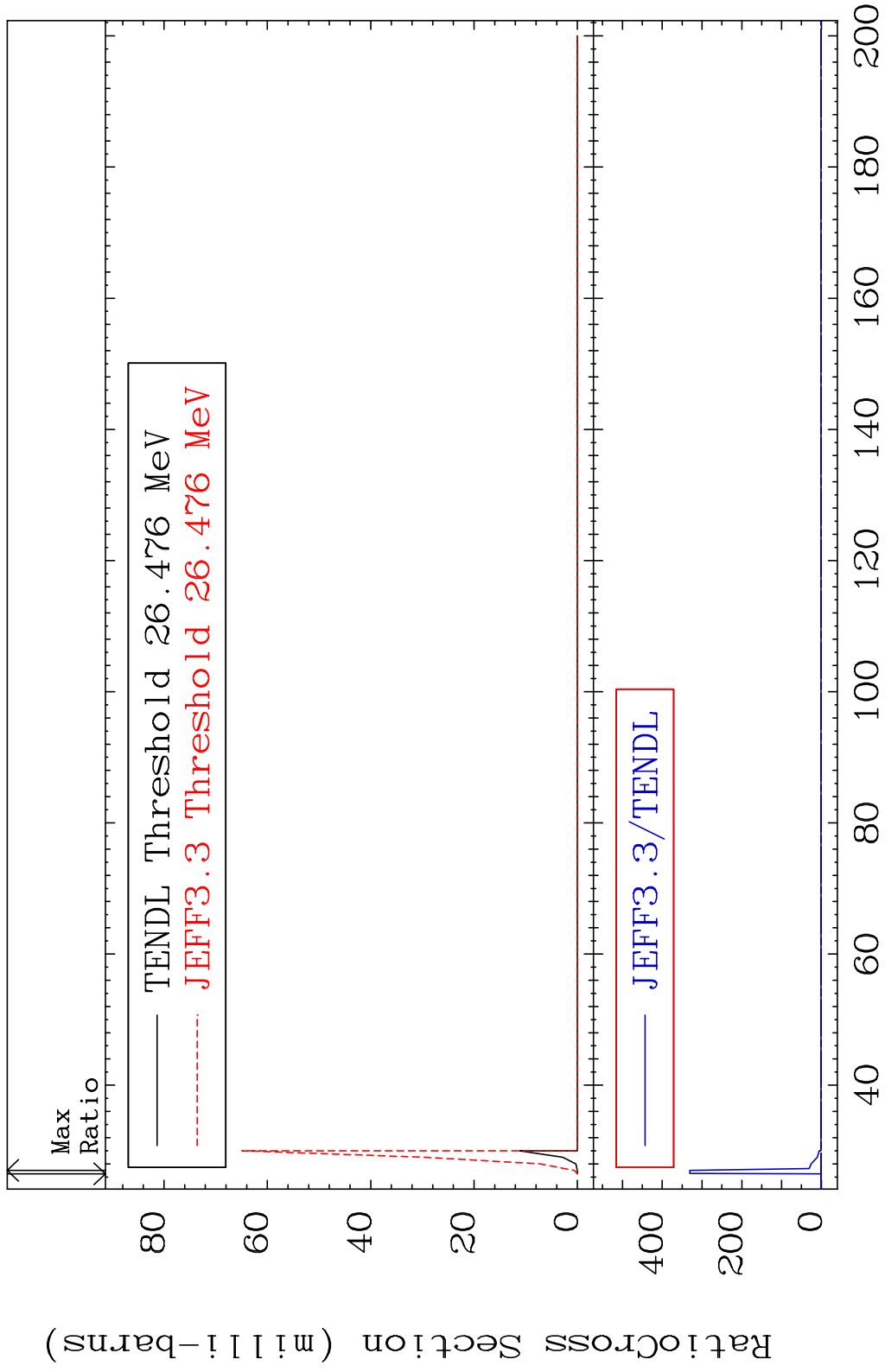
MAT 3243 (n, n') d:31-Ga-74g 32-Ge-76  
 Radionuclide Production Cross Section 18.542 MeV 838.3 %



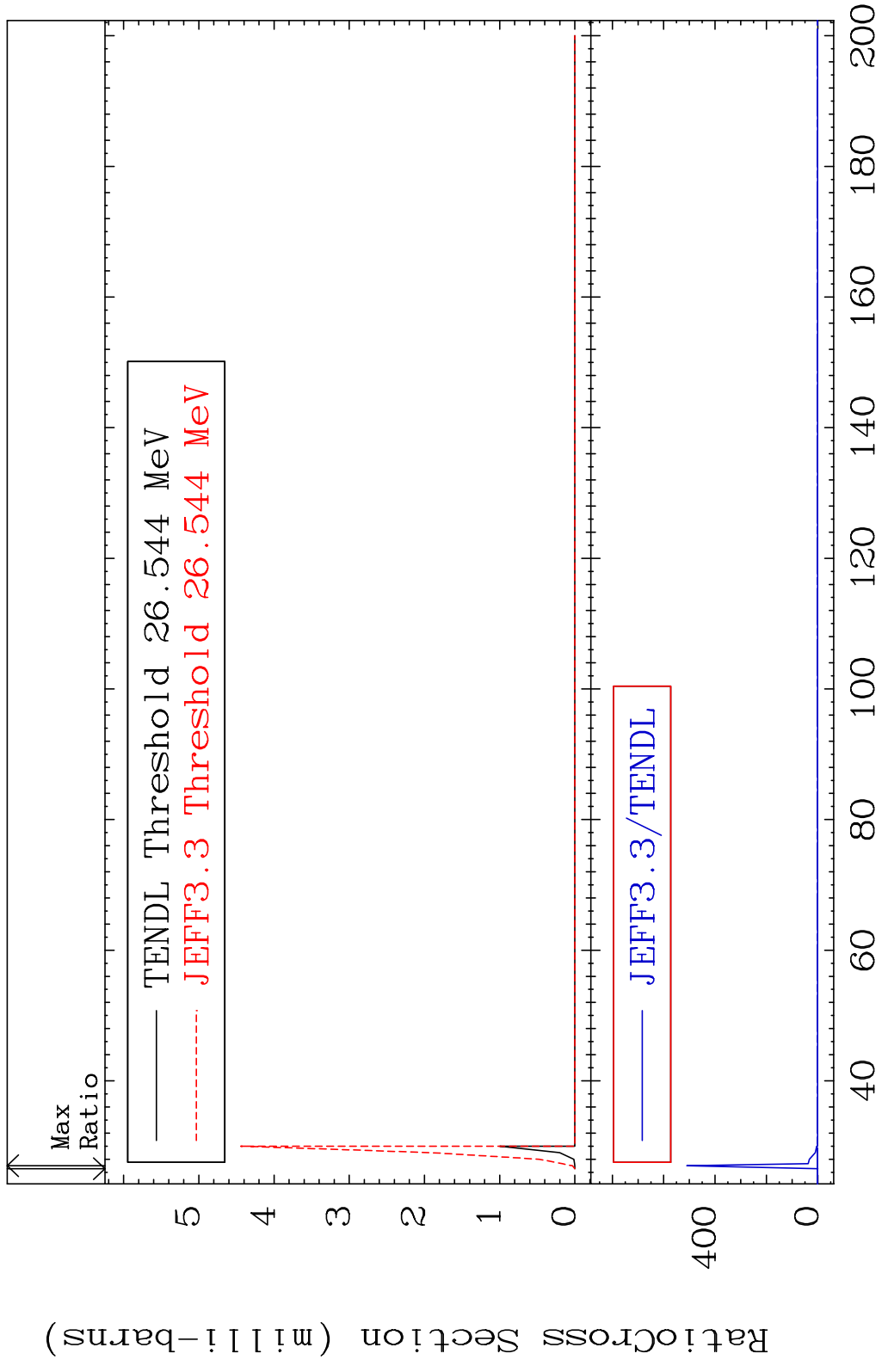
MAT 3243 (n, n') d:31-Ga-74m2 32-Ge-76  
 Radionuclide Production Cross Section 1595. %



MAT 3243 (n,4n):32-Ge-73g 32-Ge-76  
 Radionuclide Production Cross Section Ratio 9999. %

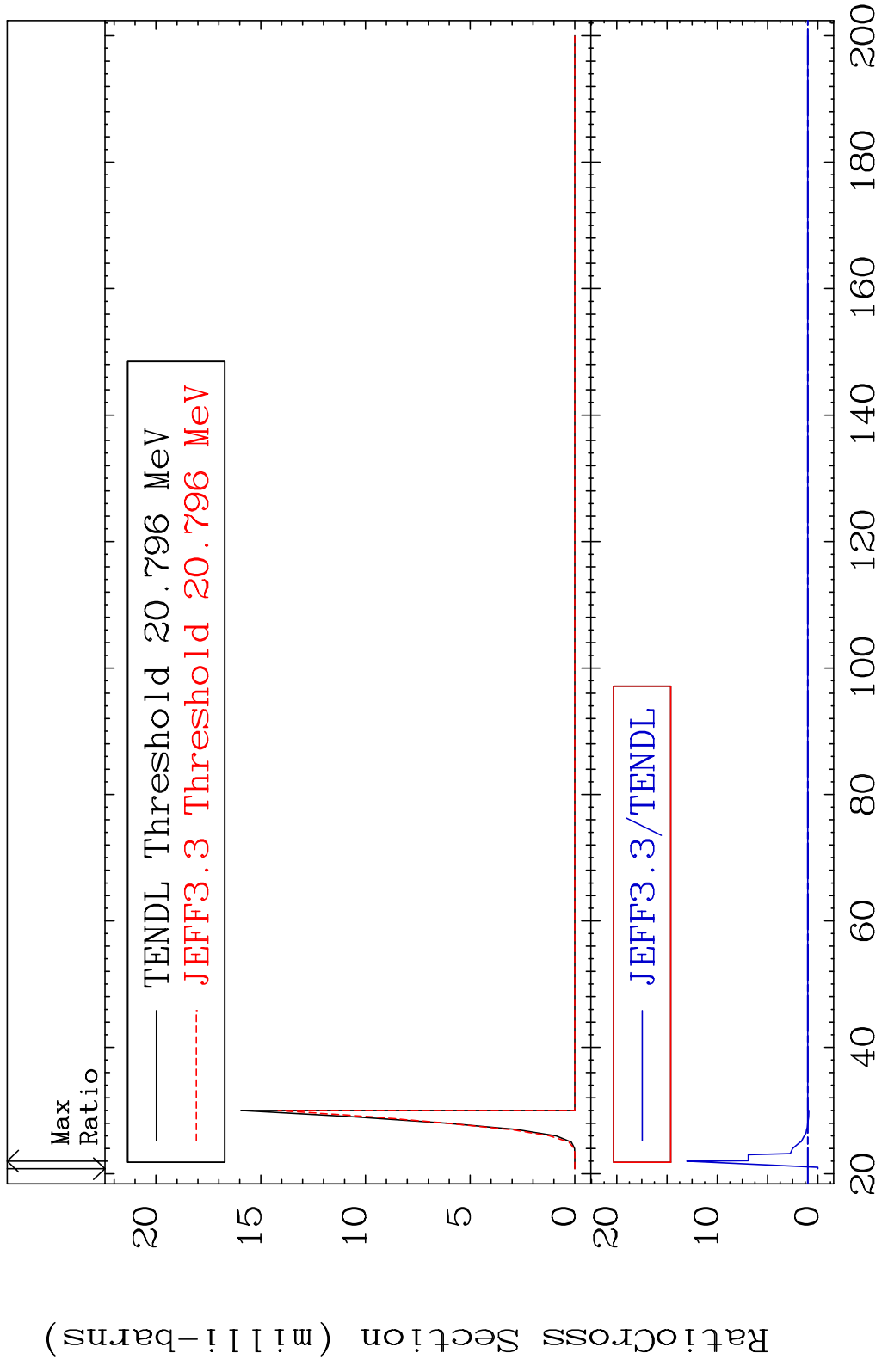


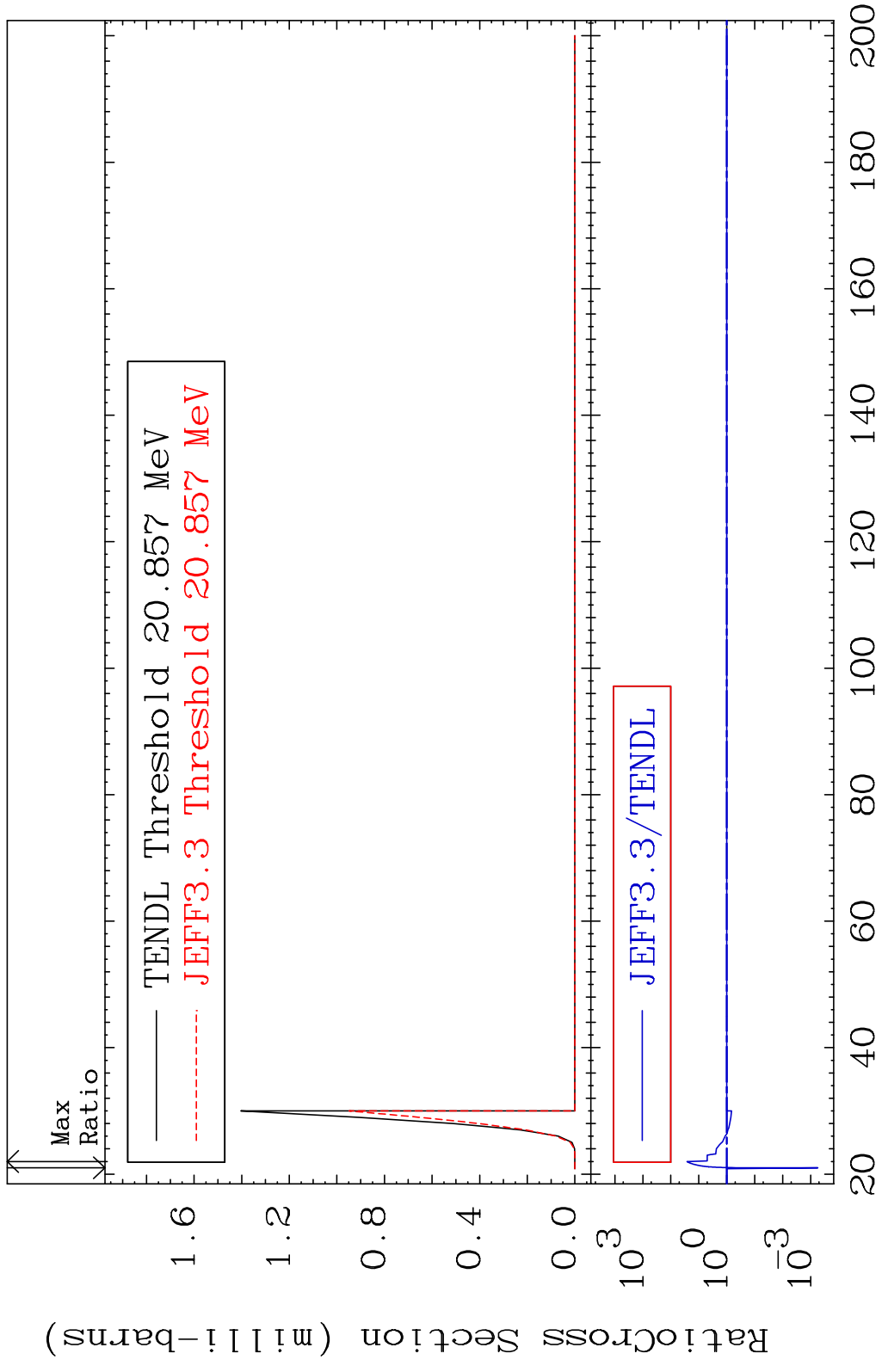
MAT 3243 (n,4n):32-Ge-73m2 32-Ge-76  
 Radionuclide Production Cross Section 100.00 % 9999. %





MAT 3243 (n,2n) p:31-Ga-74g 32-Ge-76  
 Radionuclide Production Cross Section 180.01 dth 1204. %





MAT 3243 (n, t):31-Ga-74g 32-Ge-76  
 Radionuclide Production Cross Section 0.000 %

