

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

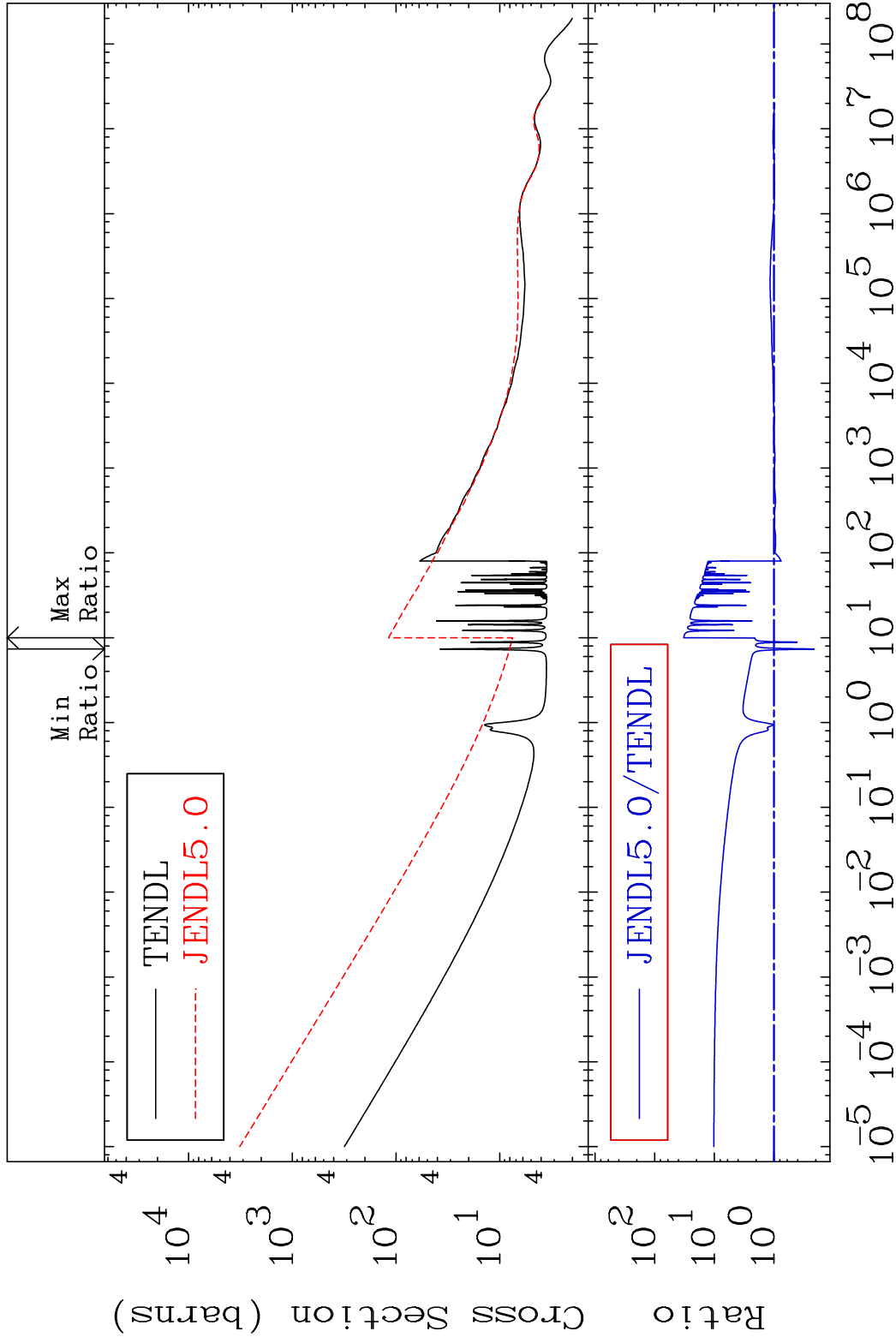
MAT 5229

Total

52-Te-121m

Cross Section

-78.69 To 3172. %



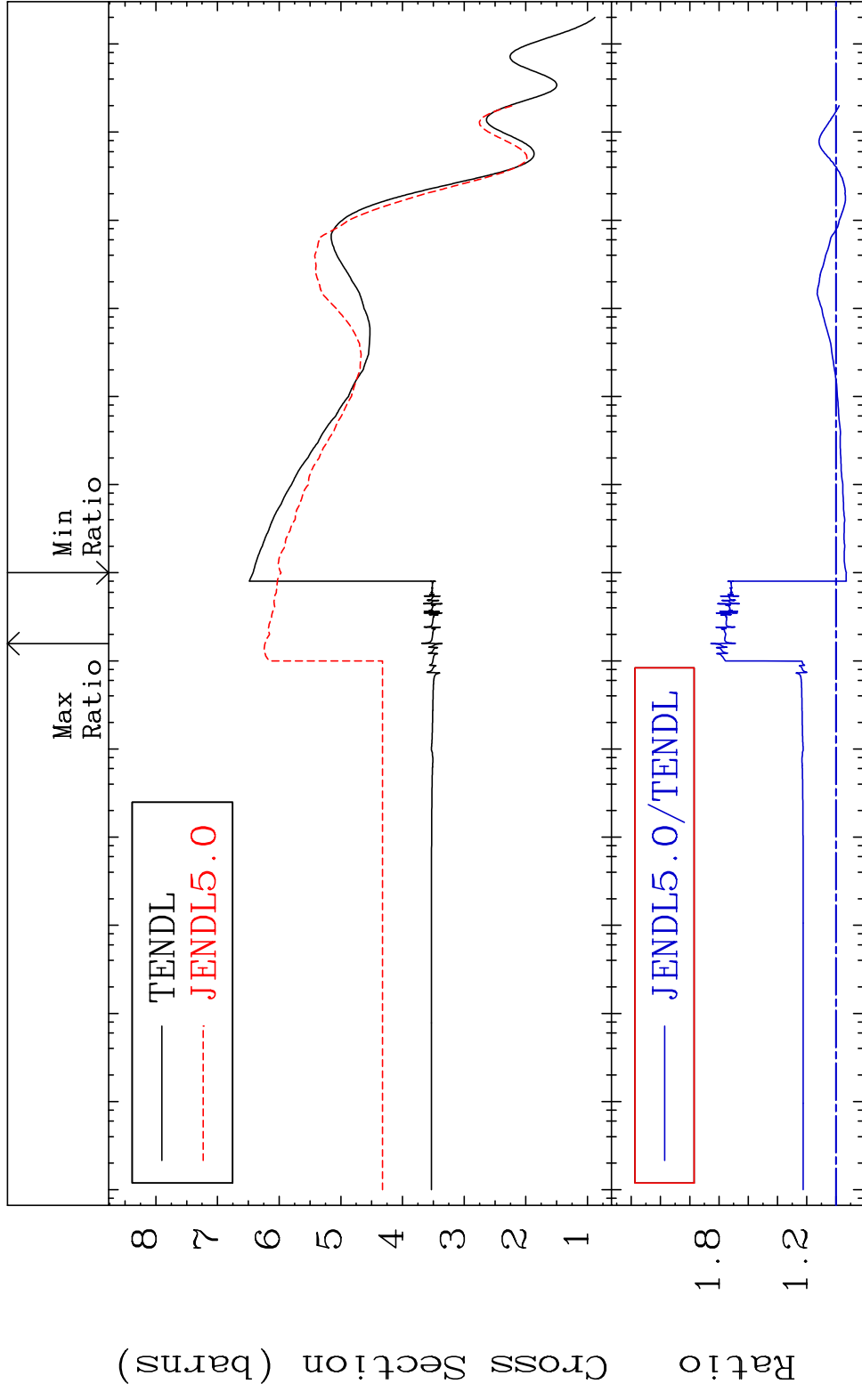
1

Incident Energy (eV)

52-Te-121m

MAT 5229

Elastic Cross Section -7.040 To 85.68 %  
52-Te-121m



2 Incident Energy (eV) 52-Te-121m

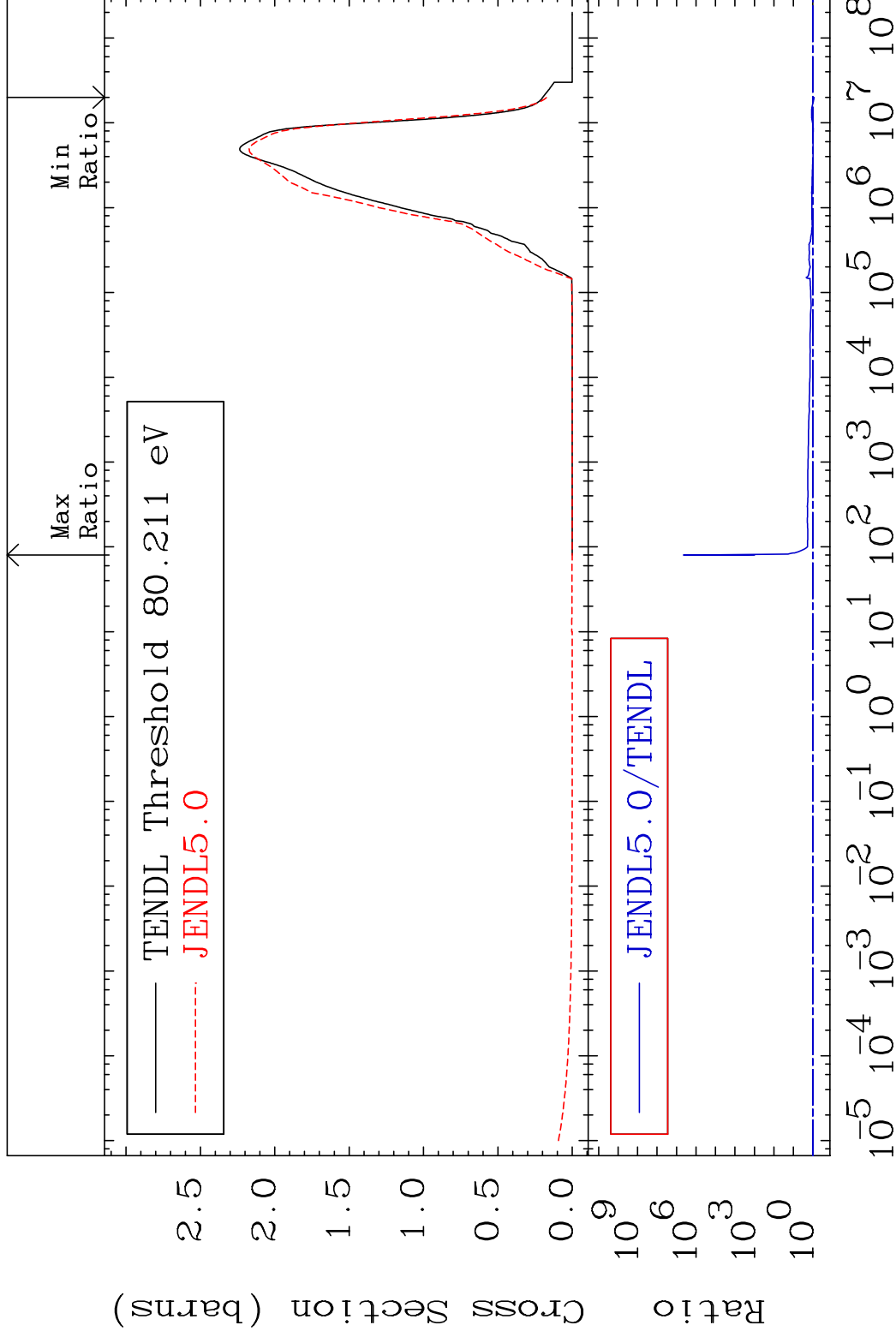
MAT 5229

Inelastic

52-Te-121m

Cross Section

-13.48 To 9999. %



3

Incident Energy (eV)

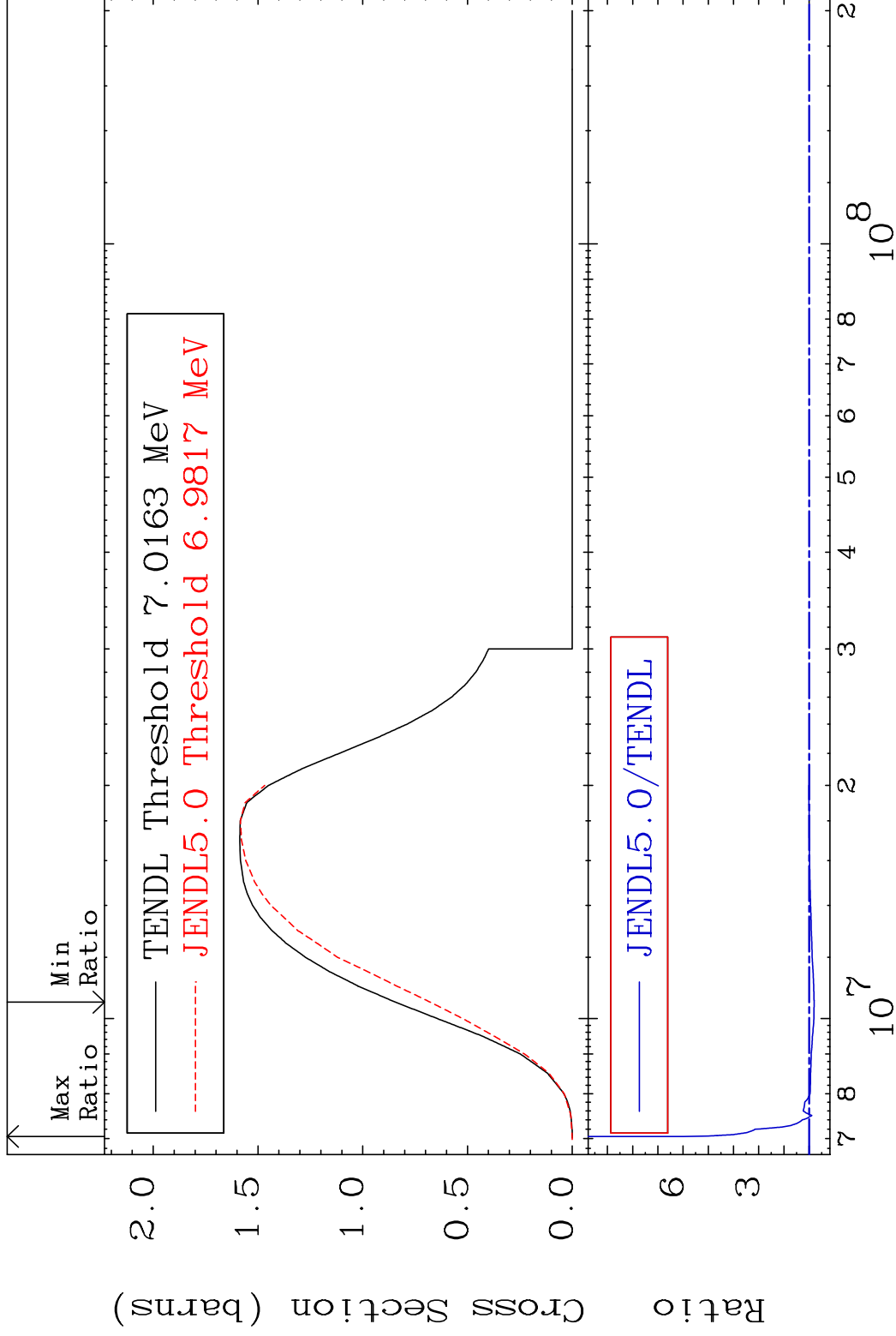
52-Te-121m

MAT 5229

(n,2n)

52-Te-121m

Cross Section -19.75 To 497.6 %



4

Incident Energy (eV)

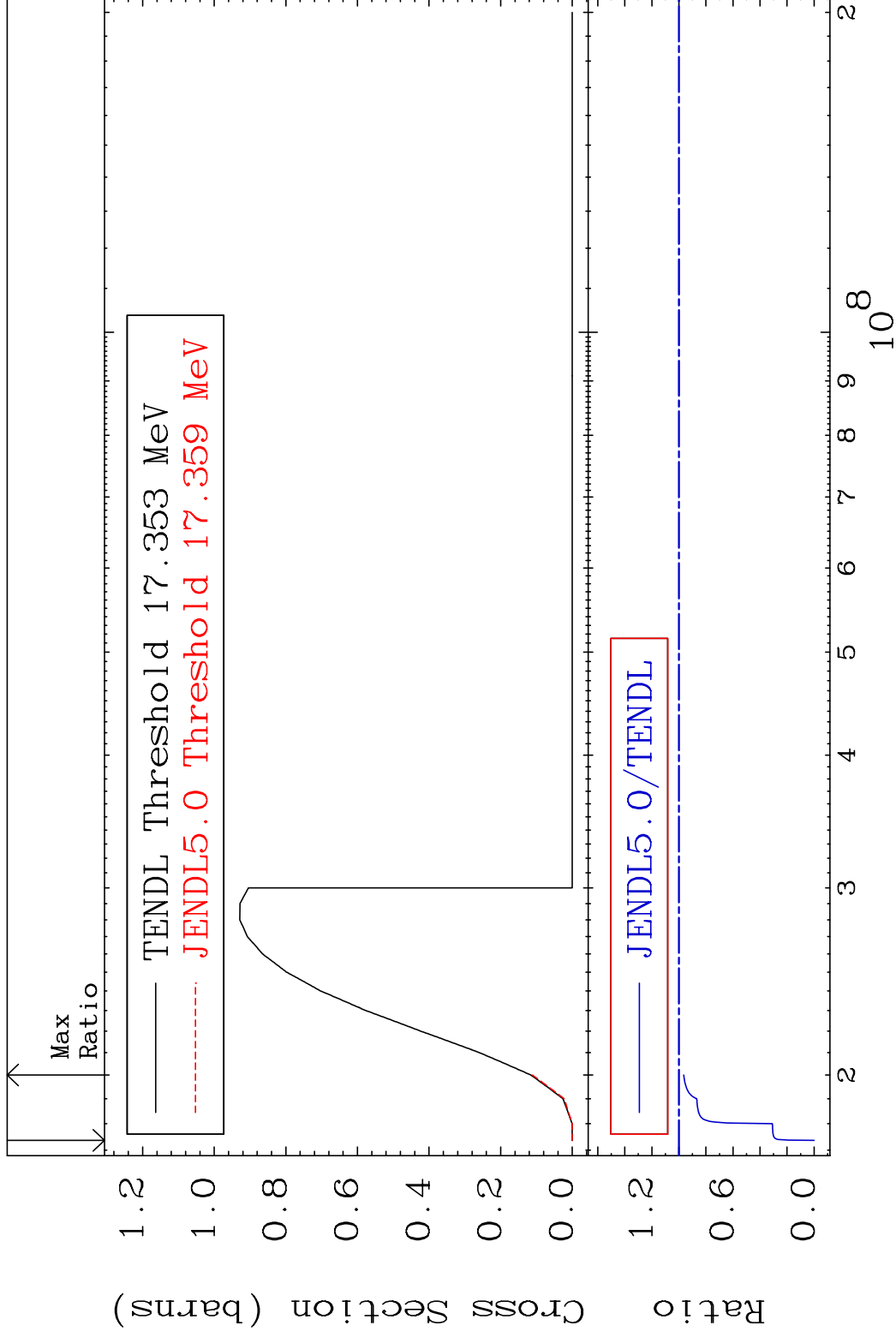
52-Te-121m

MAT 5229

(n,3n)

52-Te-121m

Cross Section -100.0 To -3.526%



5

Incident Energy (eV)

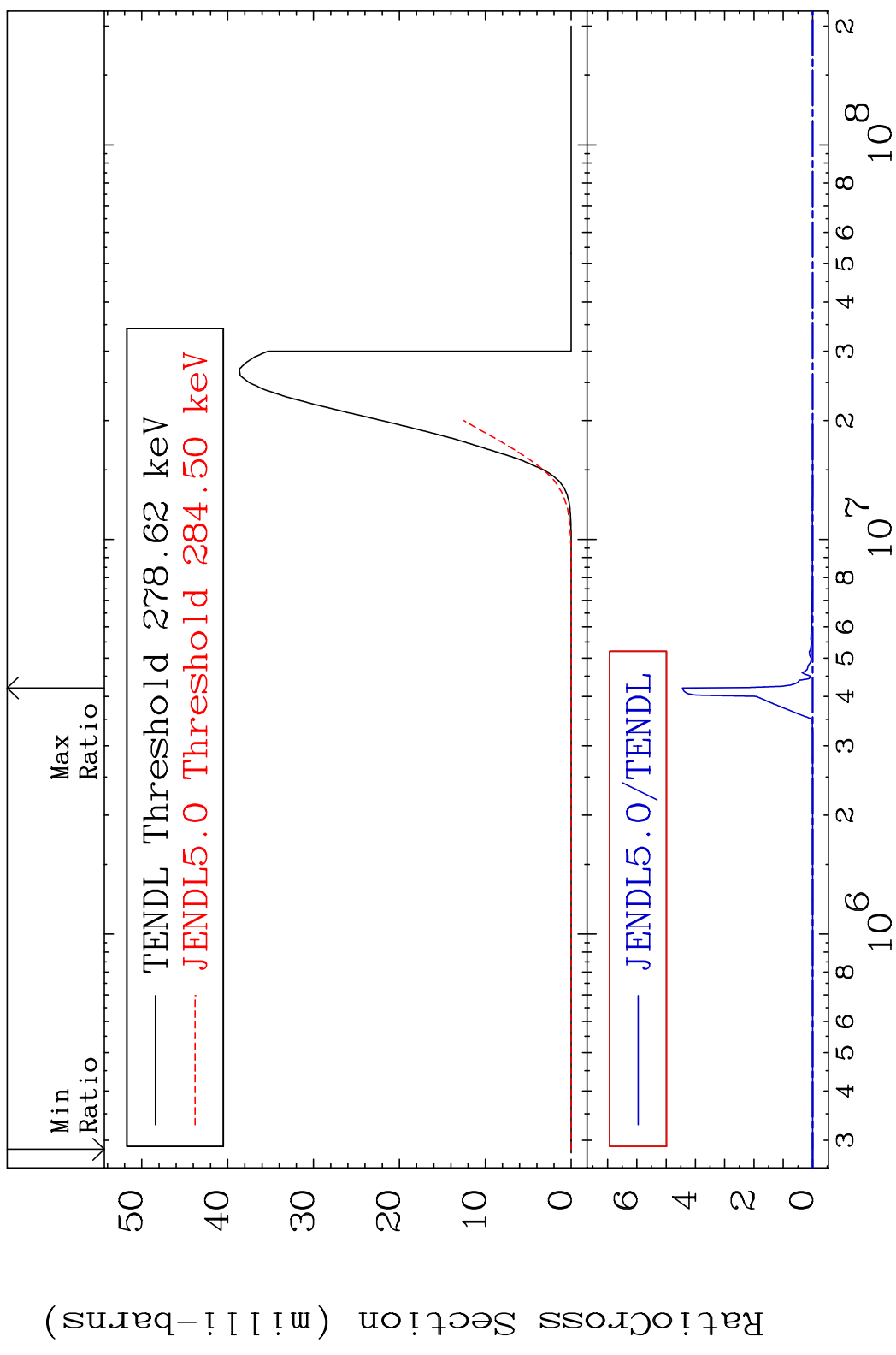
52-Te-121m

MAT 5229

(n, n')  $\alpha$

52-Te-121m

Cross Section -100.0 To 9999. %

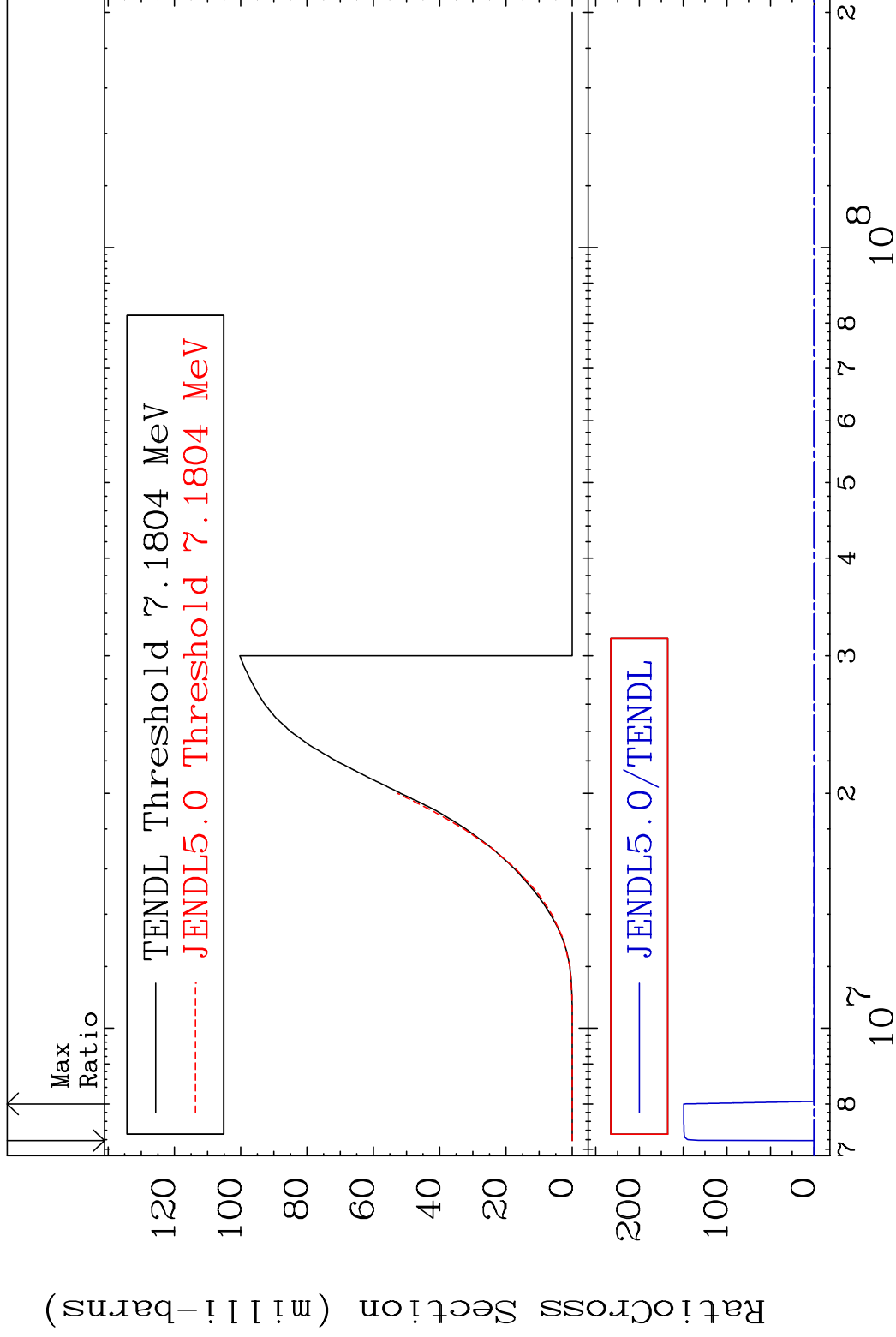


MAT 5229

(n, n') p

52-Te-121m

Cross Section -100.0 To 9999. %



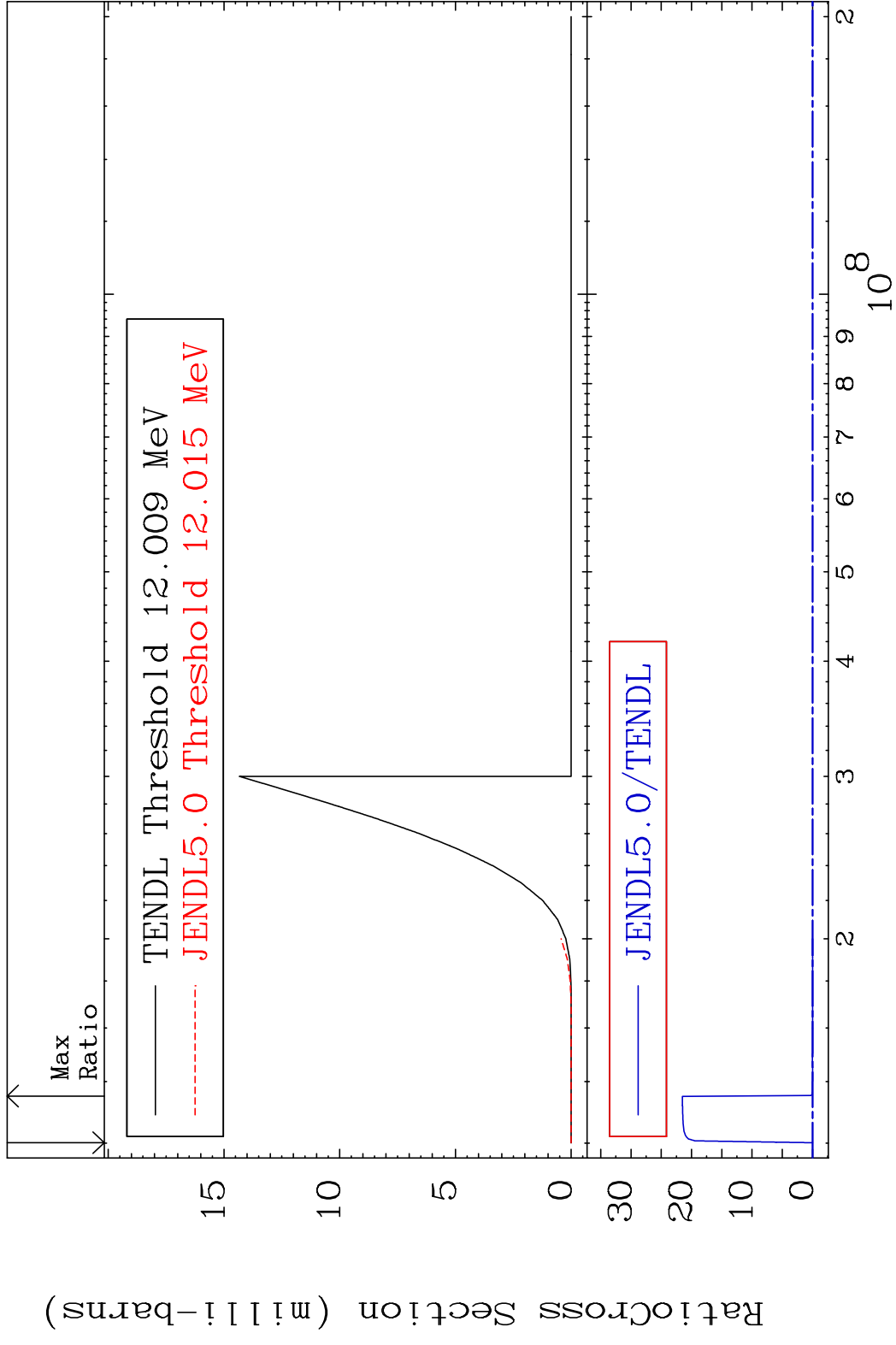
7

Incident Energy (eV)

52-Te-121m



MAT 5229 (n, n') d 52-Te-121m  
 Cross Section -100.0 To 9999. %

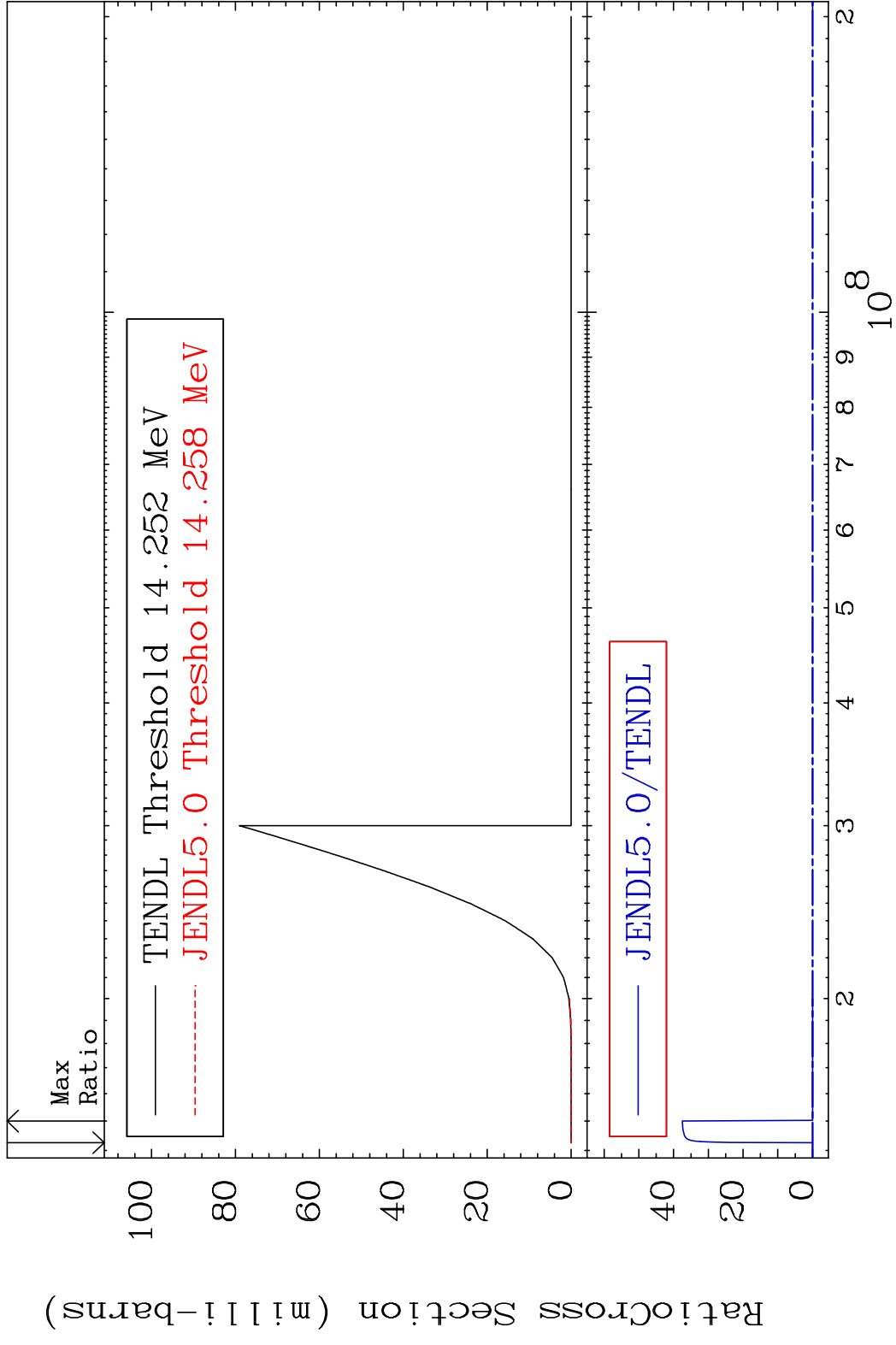


MAT 5229

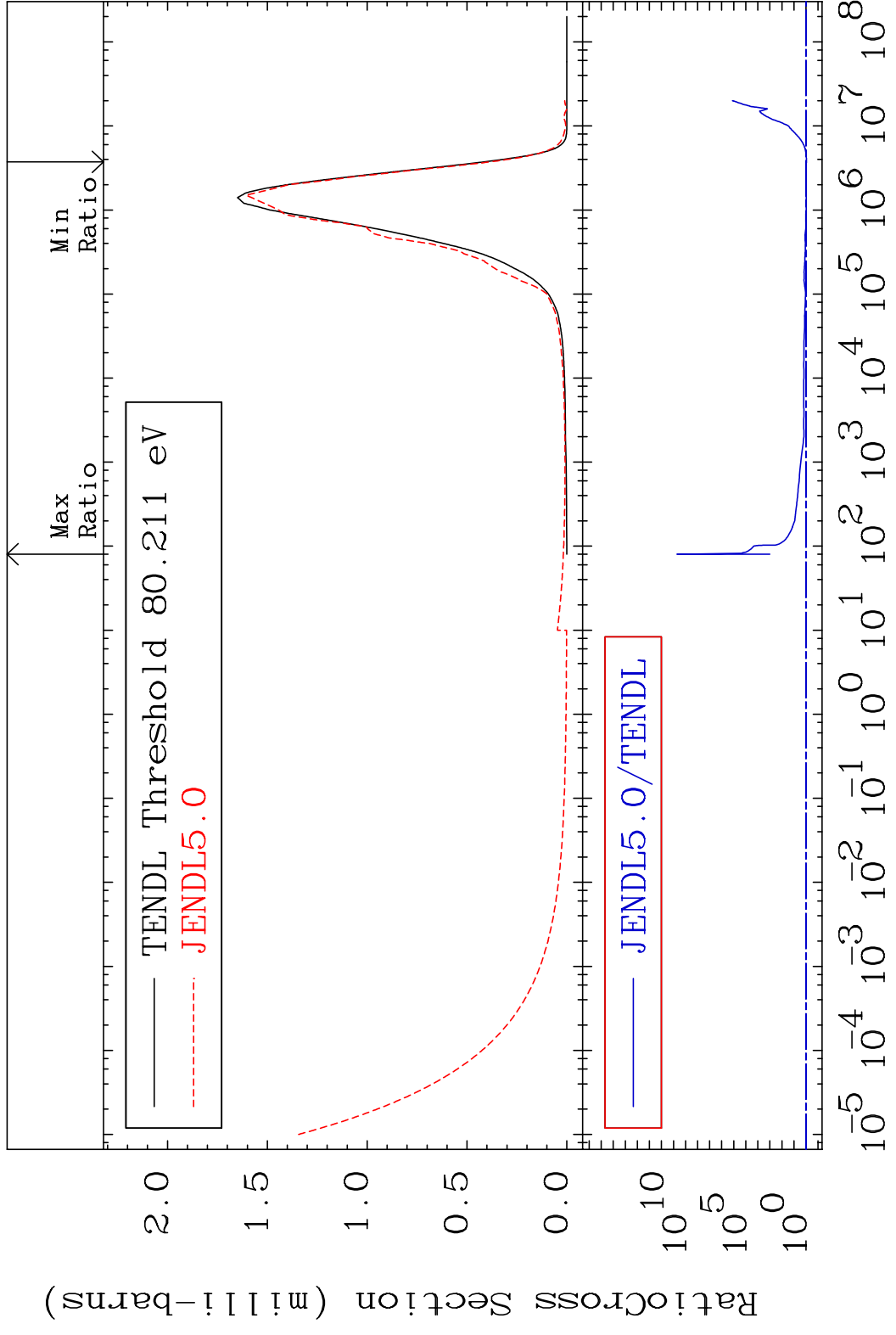
(n,2n) p

52-Te-121m

Cross Section -100.0 To 9999. %



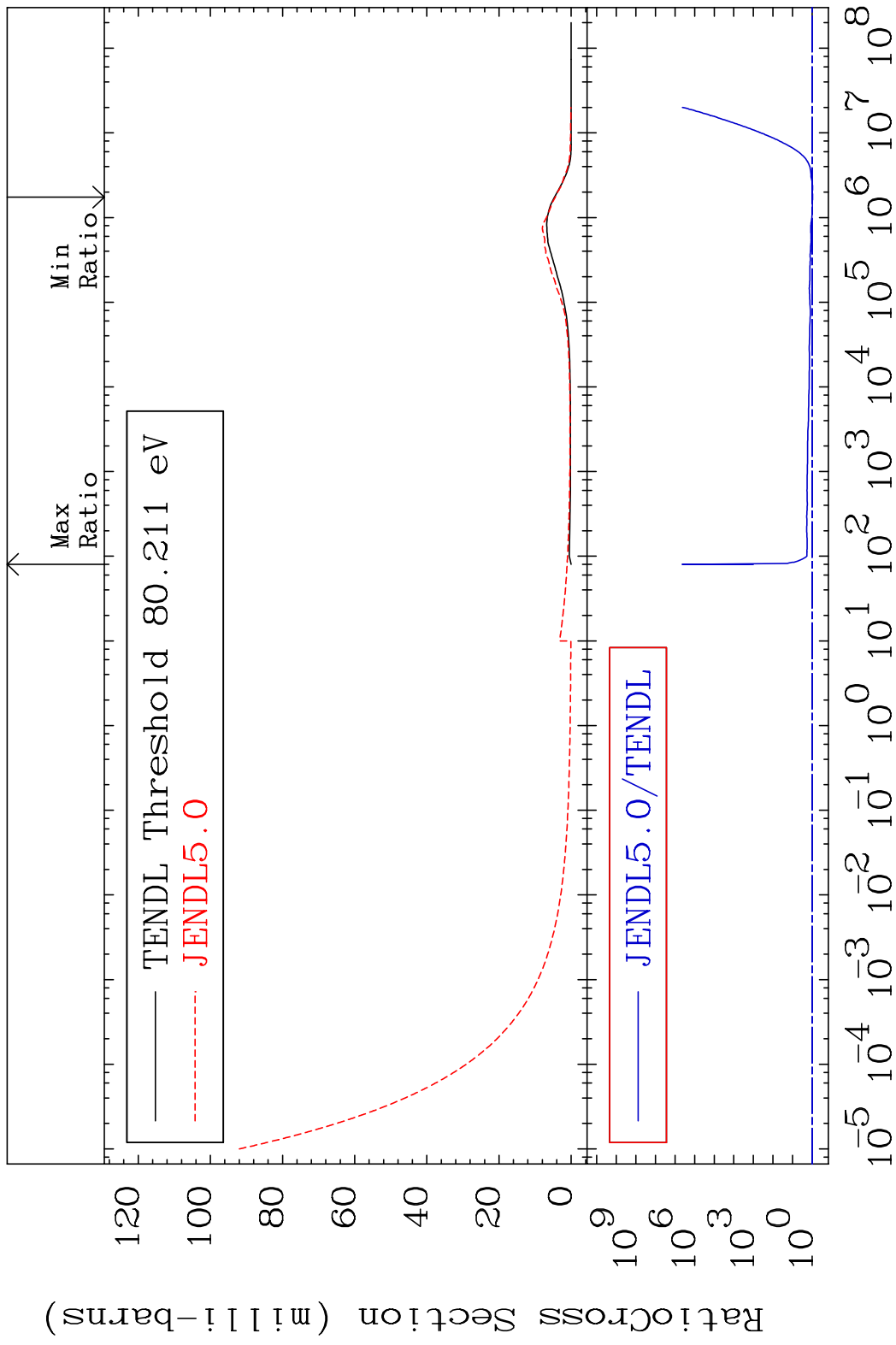
MAT 5229 MT= 51 (n, n') Level 52-Te-121m  
 Cross Section -7.537 To 9999. %



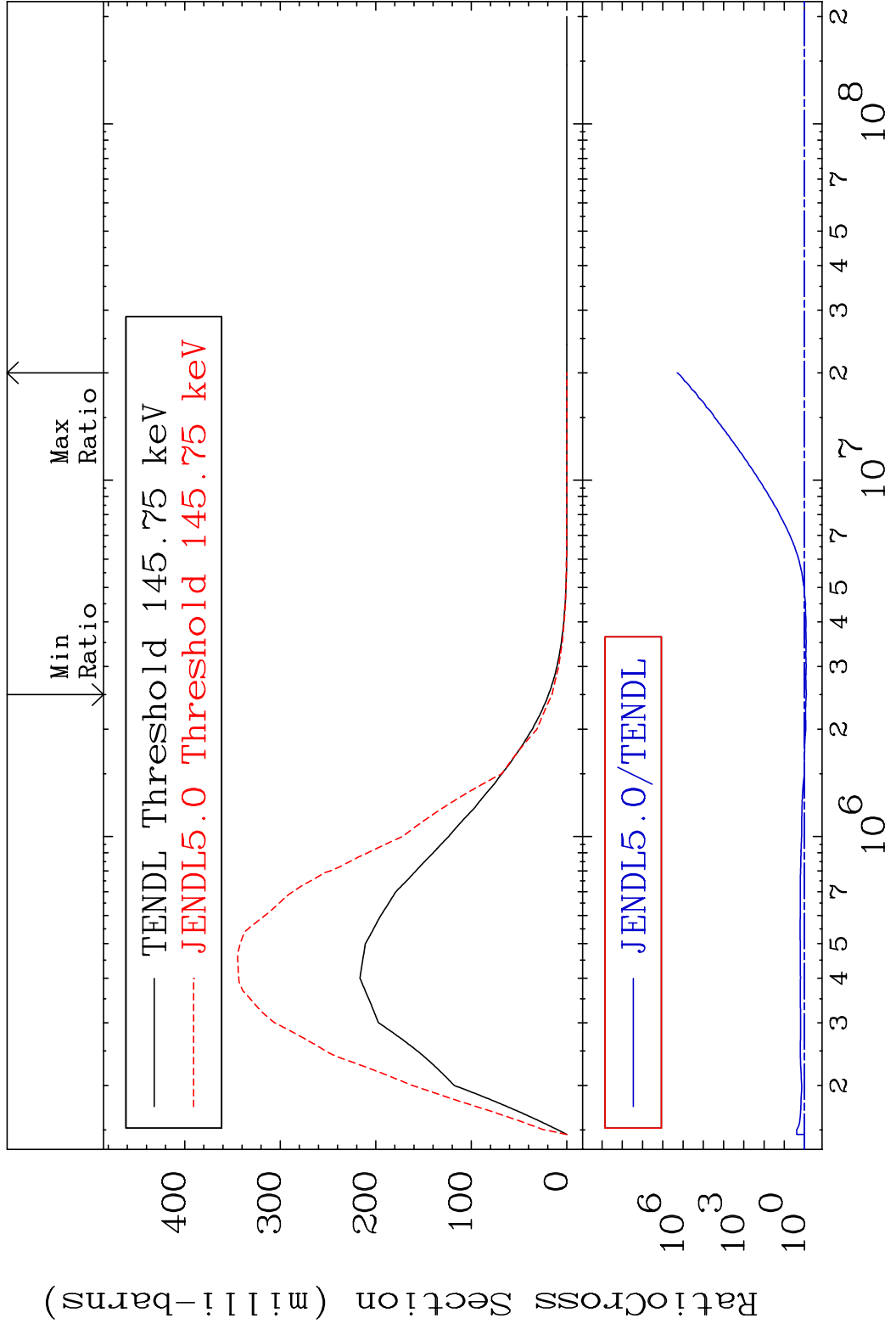
10 10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

52-Te-121m

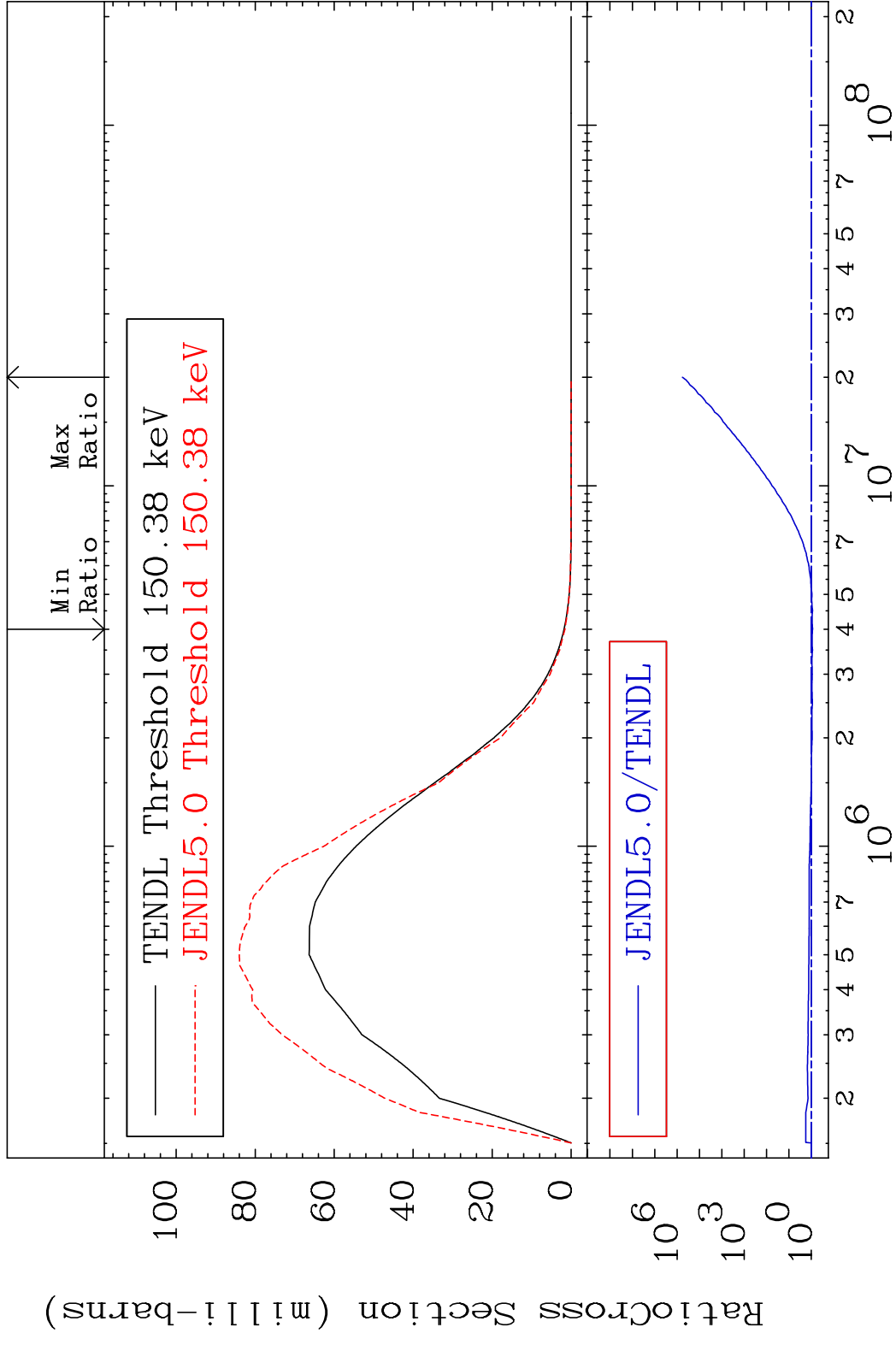
MAT 5229 MT= 52 (n, n') Level 52-Te-121m  
 Cross Section -4.731 To 9999. %



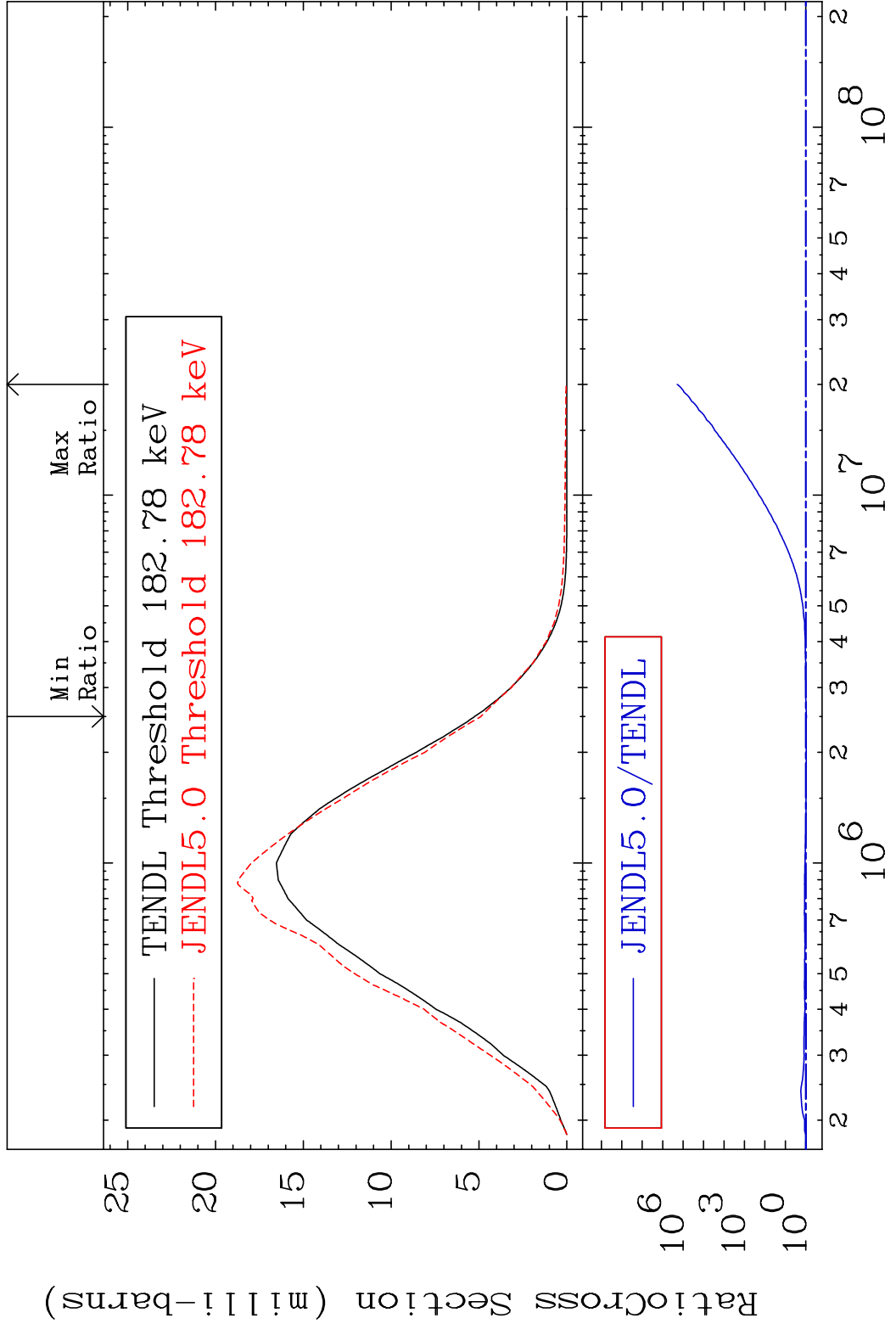
MAT 5229 MT= 53 (n, n') Level 52-Te-121m  
 Cross Section -19.23 To 9999. %



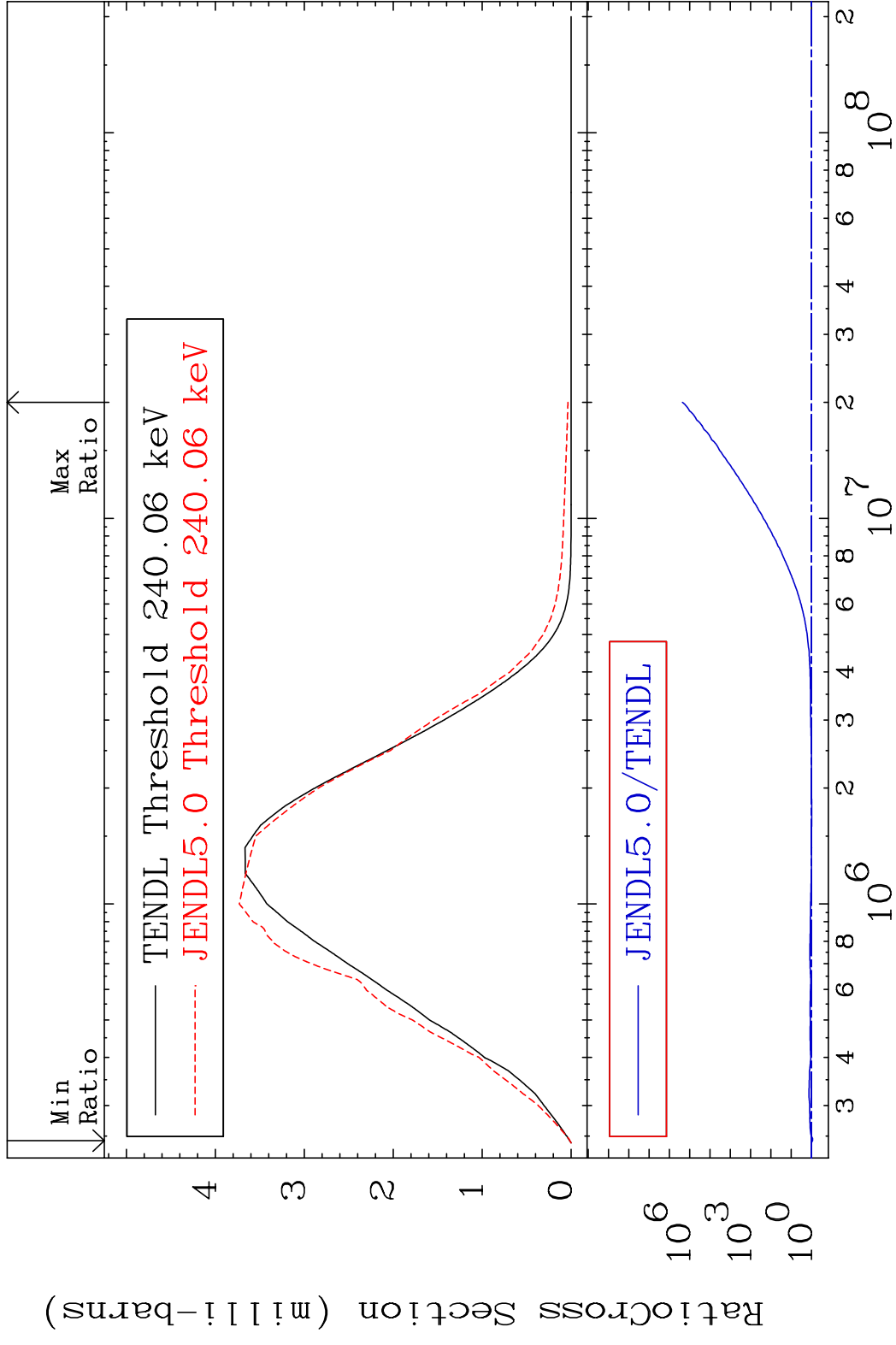
MAT 5229 MT= 54 (n, n') Level 52-Te-121m  
 Cross Section -12.14 To 9999. %



MAT 5229 MT= 55 (n, n') Level 52-Te-121m  
 Cross Section -6.938 To 9999. %

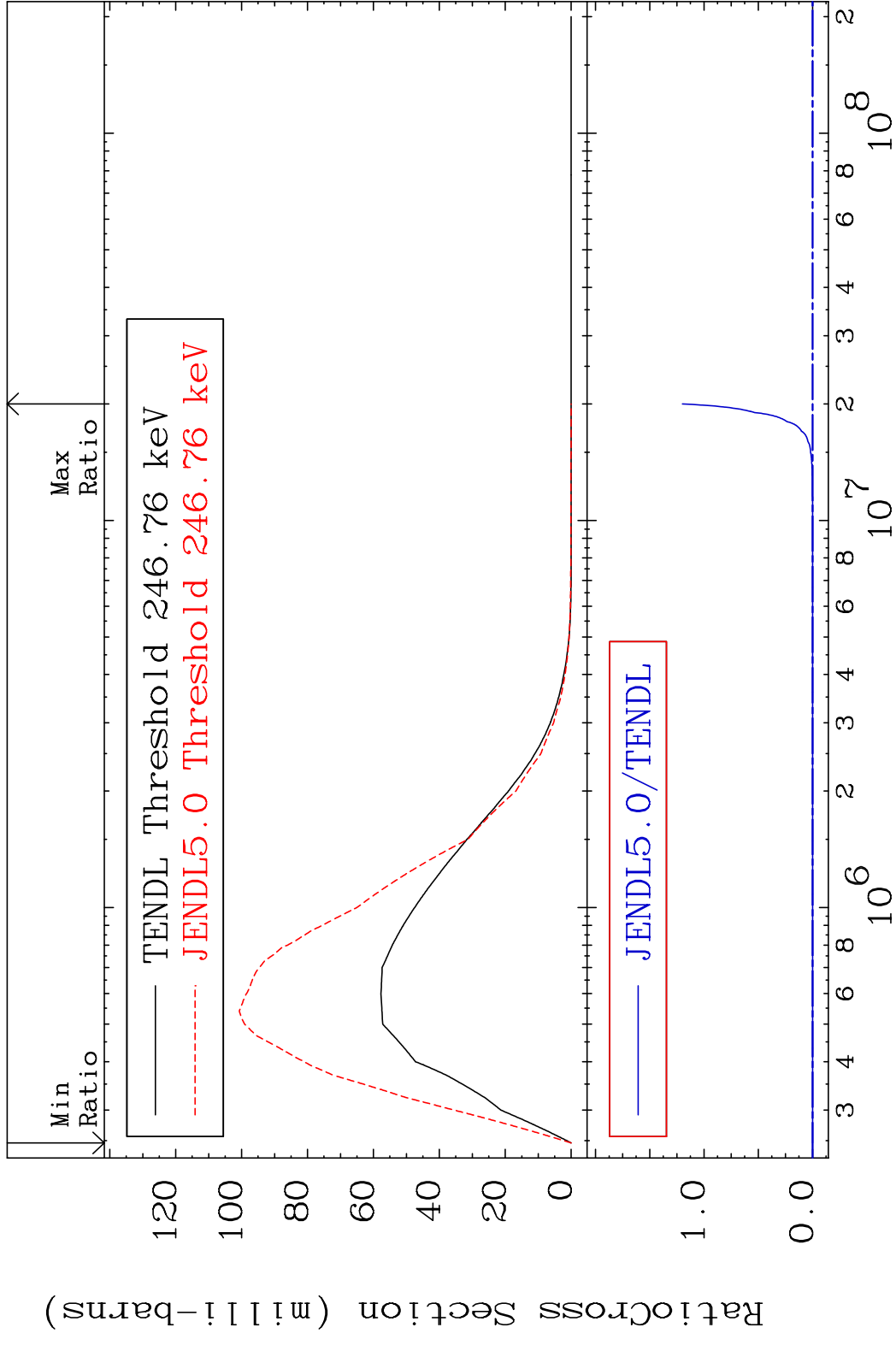


MAT 5229 MT= 56 (n,n') Level 52-Te-121m  
 Cross Section -12.52 To 9999. %

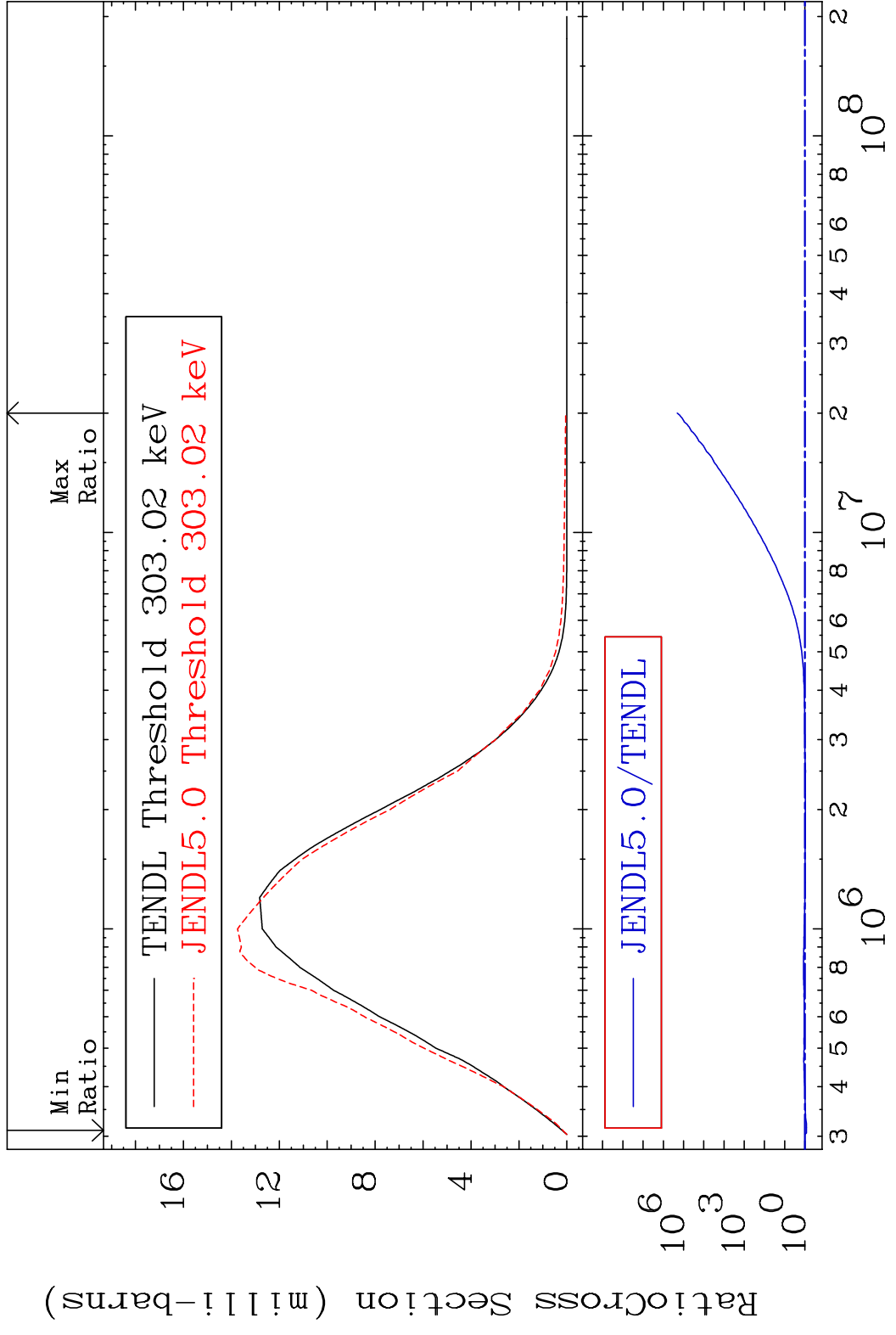




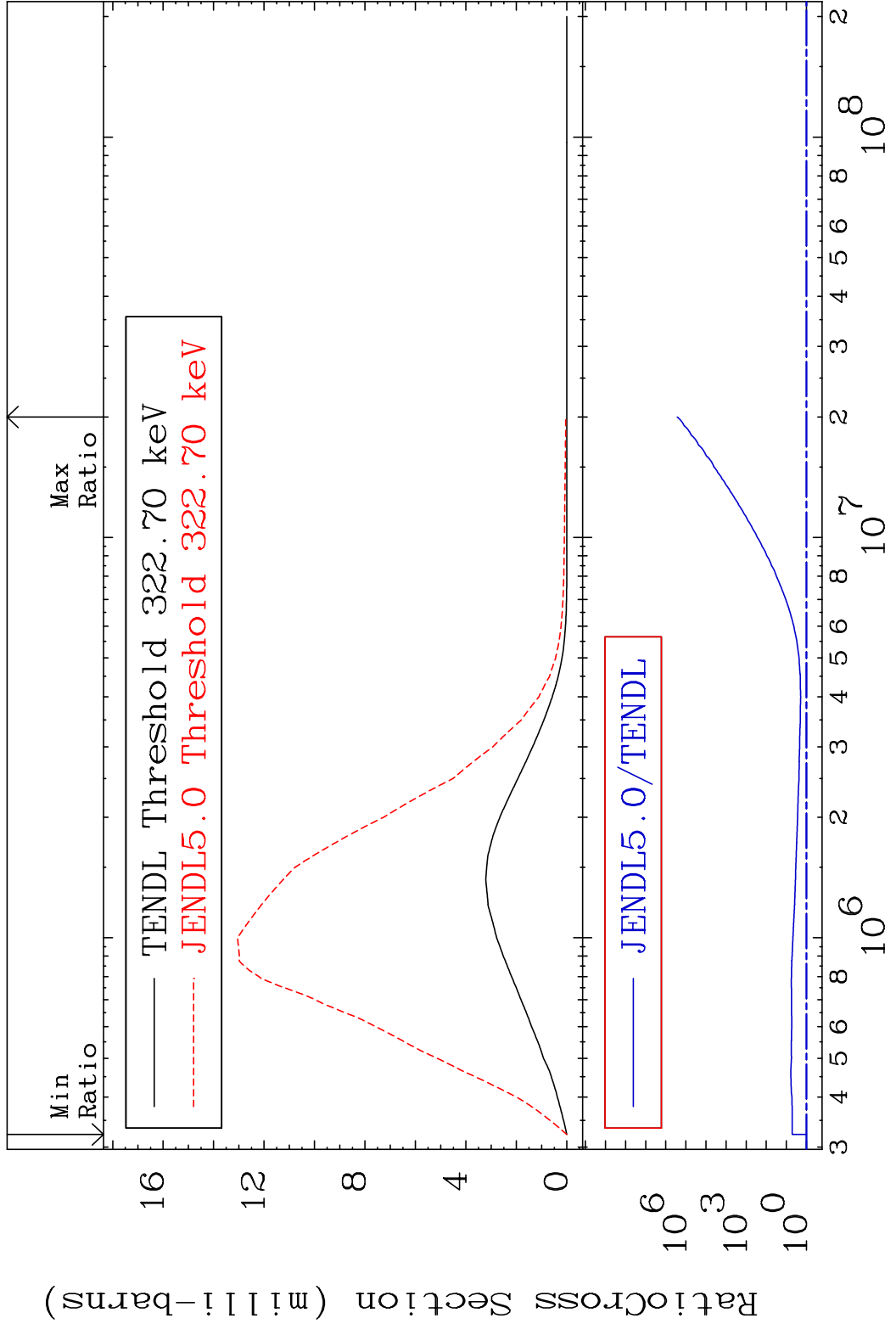
MAT 5229 MT= 57 (n,n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



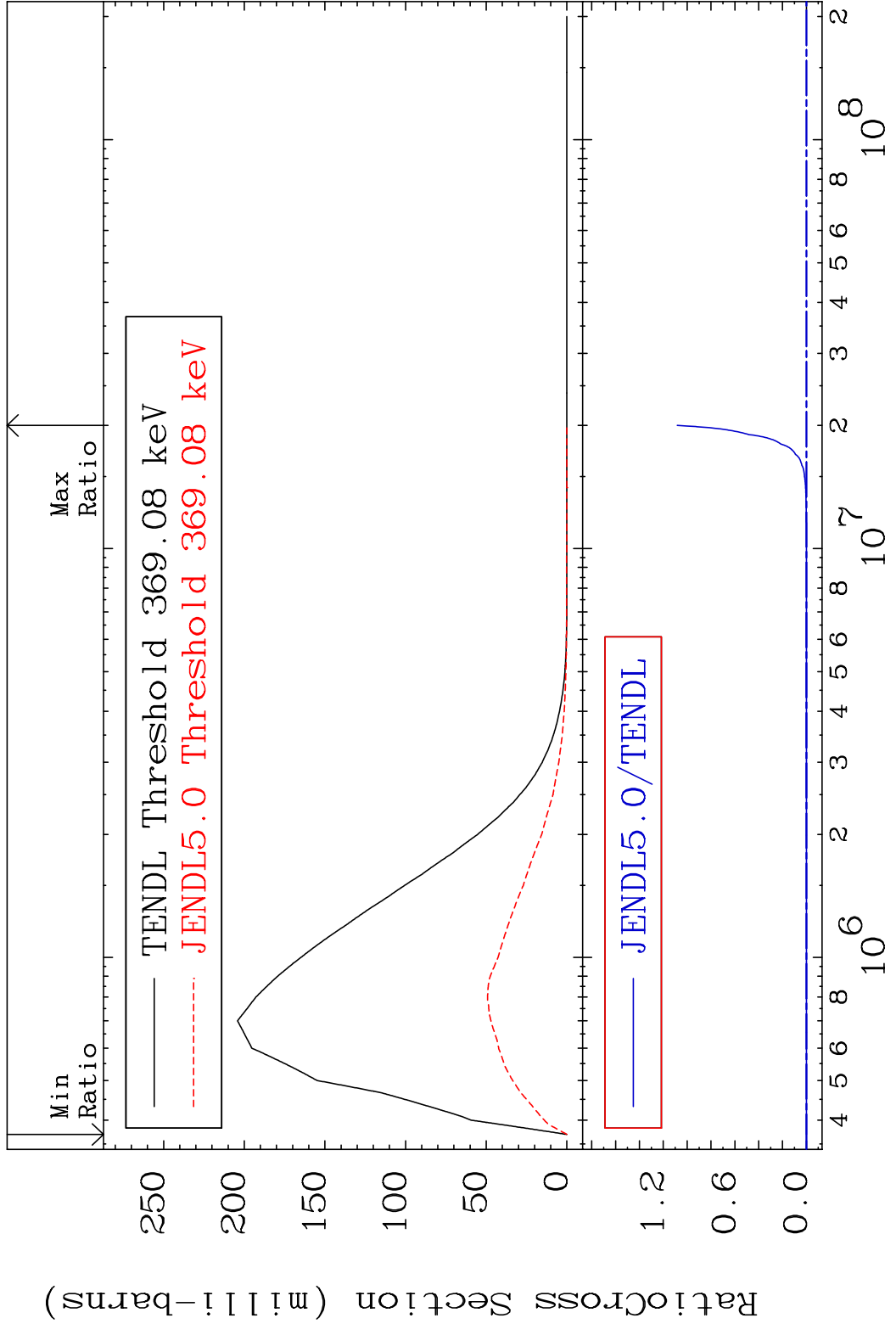
MAT 5229 MT= 58 (n, n') Level 52-Te-121m  
 Cross Section -15.79 To 9999. %



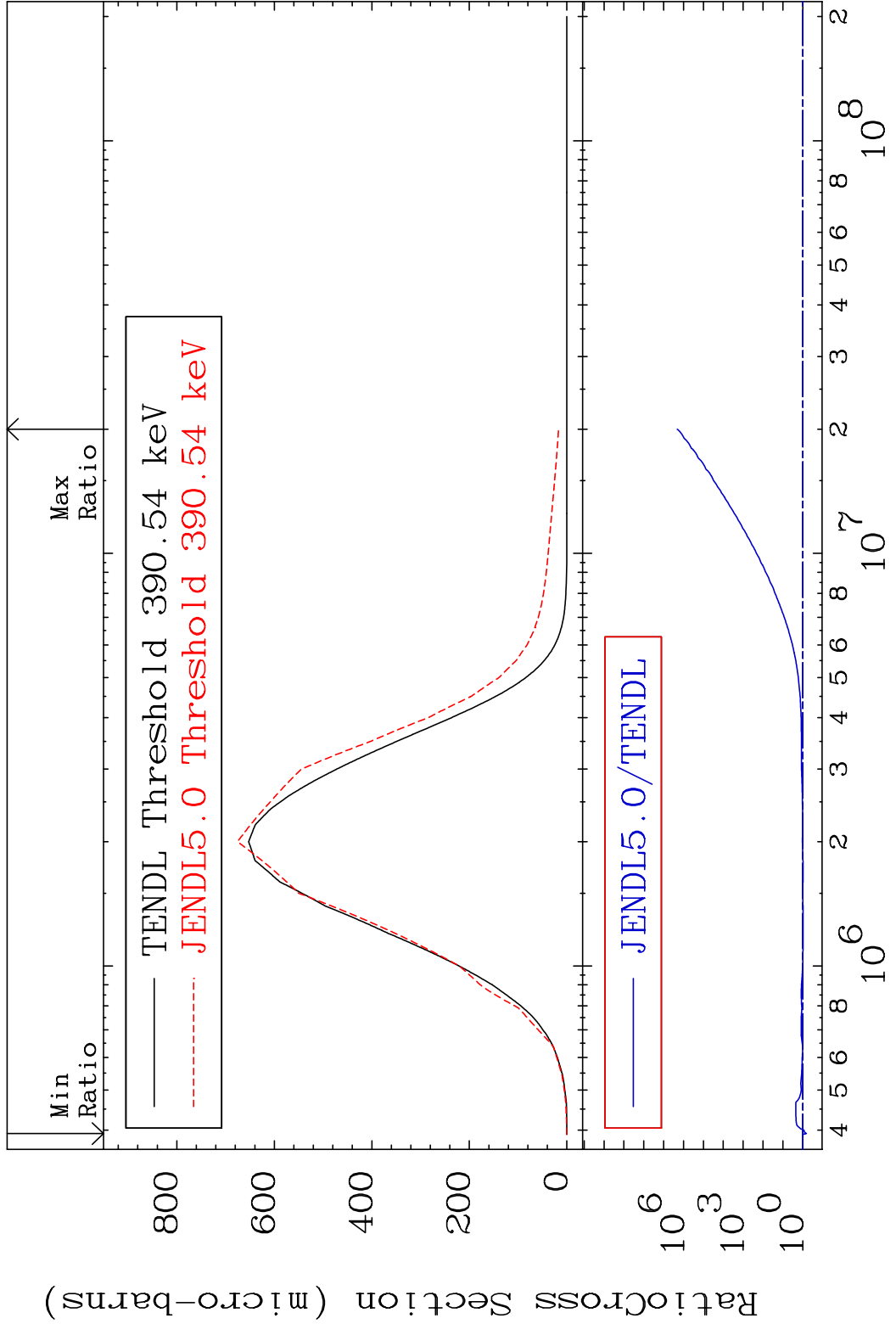
MAT 5229 MT= 59 (n, n') Level 52-Te-121m  
 Cross Section 0.000 To 9999. %



MAT 5229 MT= 60 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %

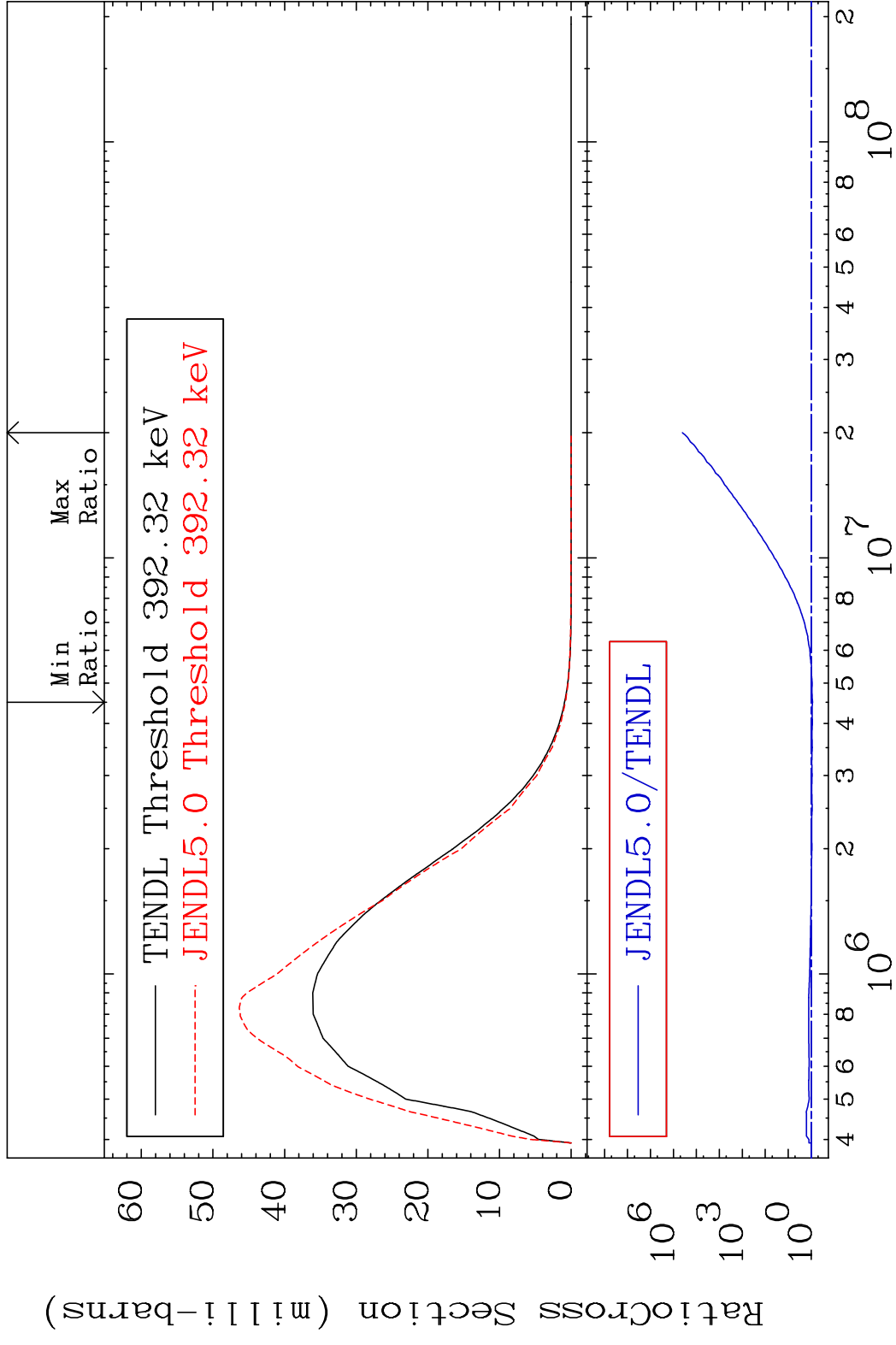


MAT 5229 MT= 61 (n, n') Level 52-Te-121m  
 Cross Section -34.50 To 9999. %

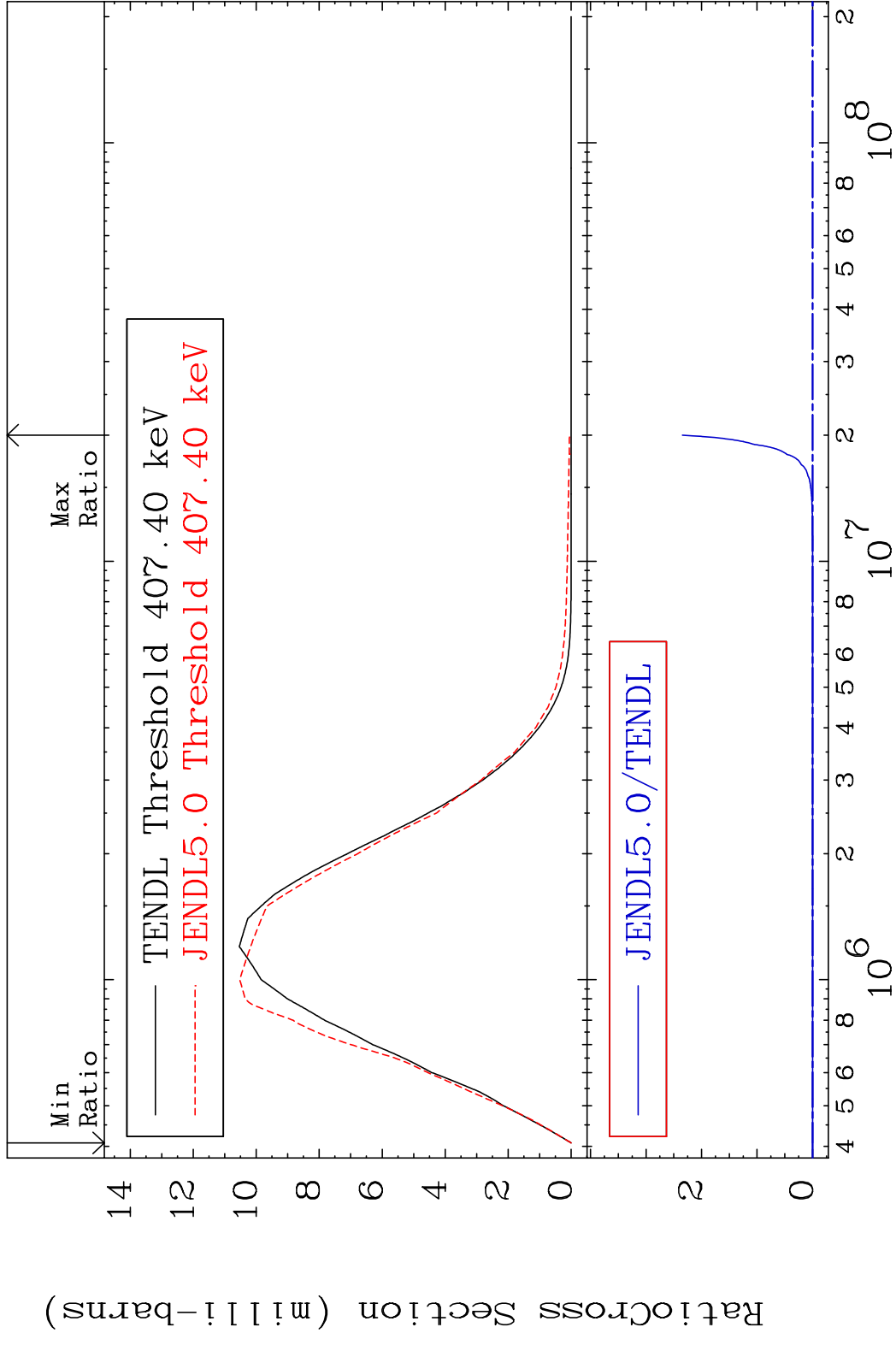


20 Incident Energy (eV) 52-Te-121m

MAT 5229 MT= 62 (n, n') Level 52-Te-121m  
 Cross Section -13.22 To 9999. %

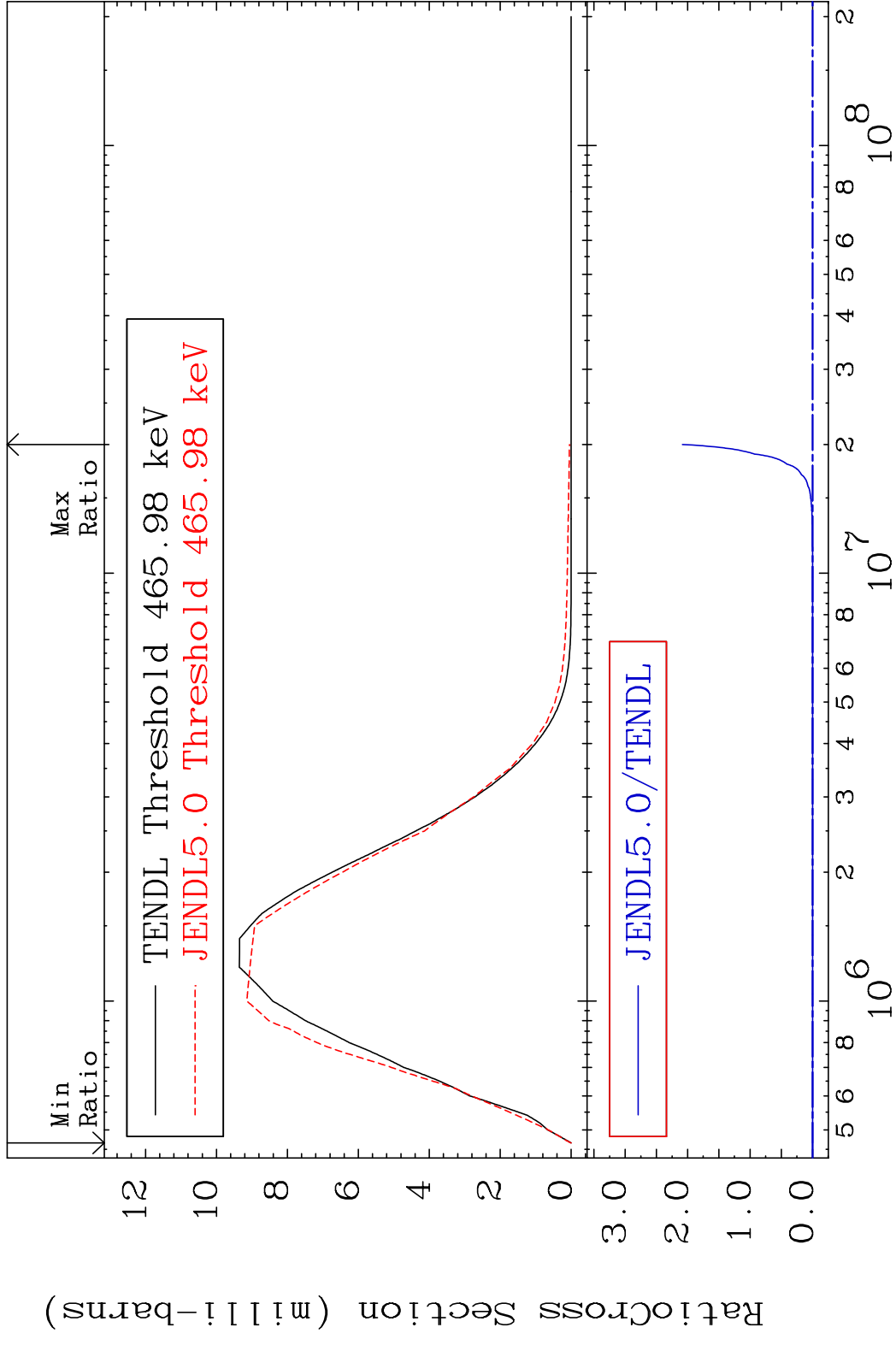


MAT 5229 MT= 63 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



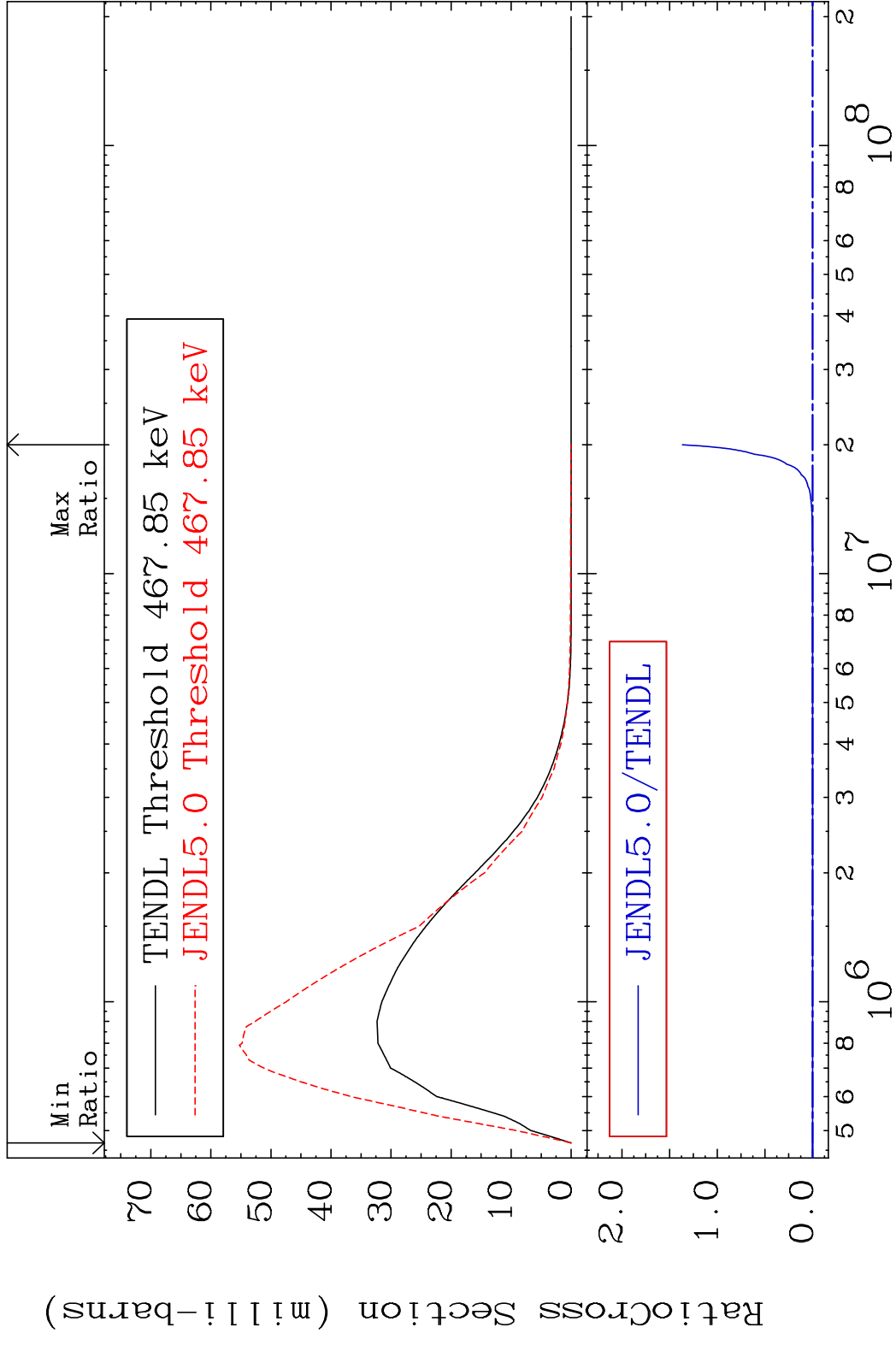
22 Incident Energy (eV) 52-Te-121m

MAT 5229 MT= 64 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %

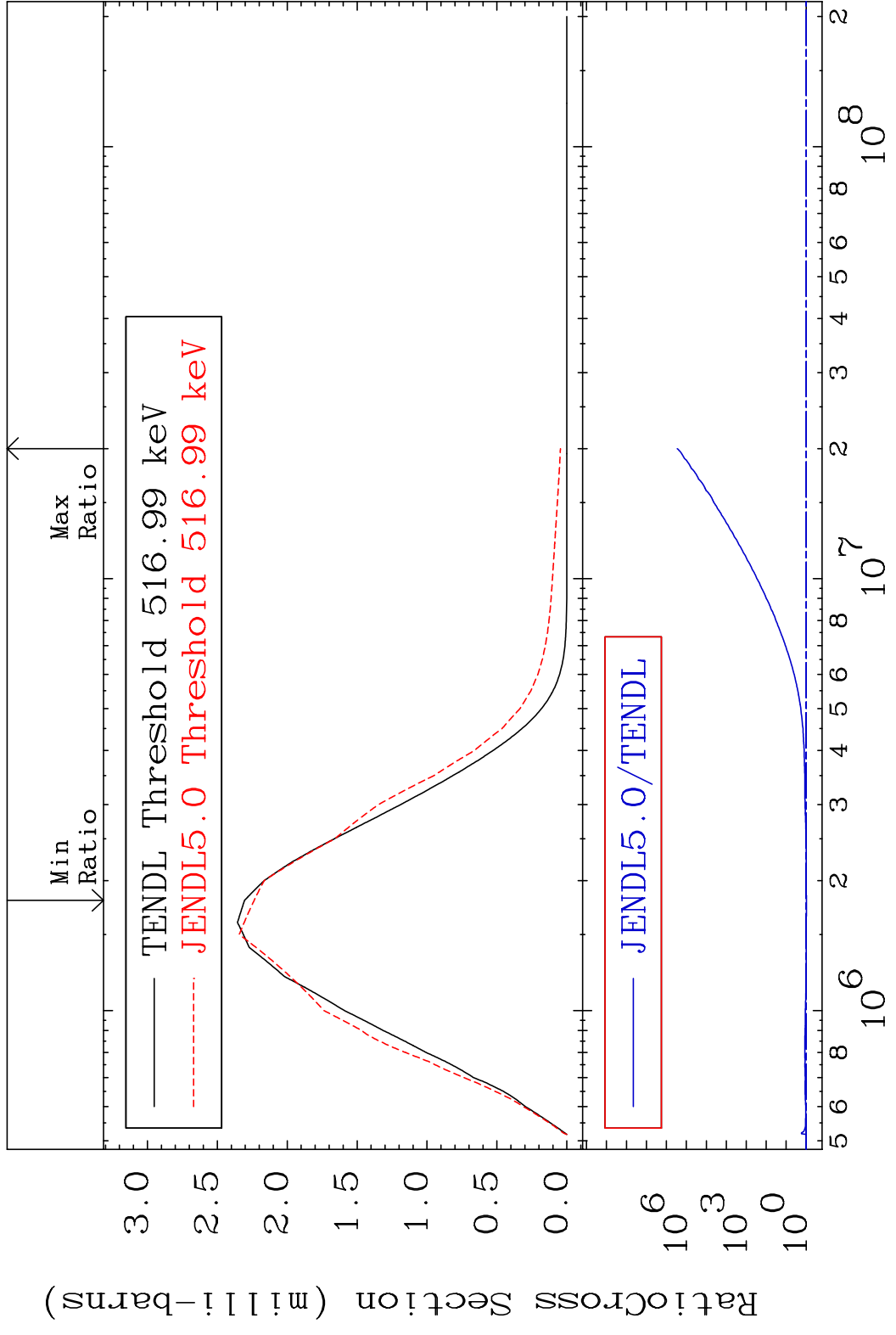




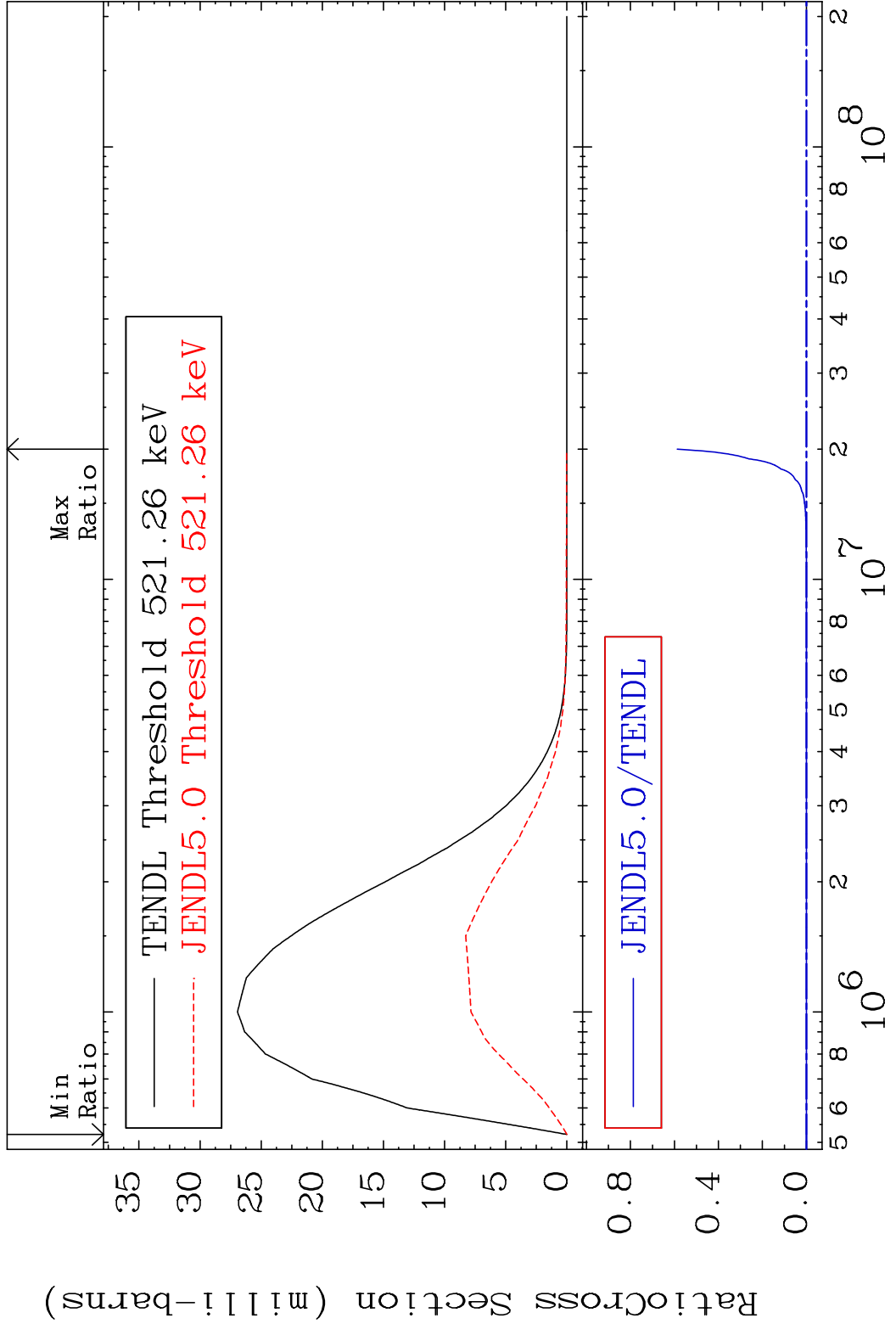
MAT 5229 MT= 65 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



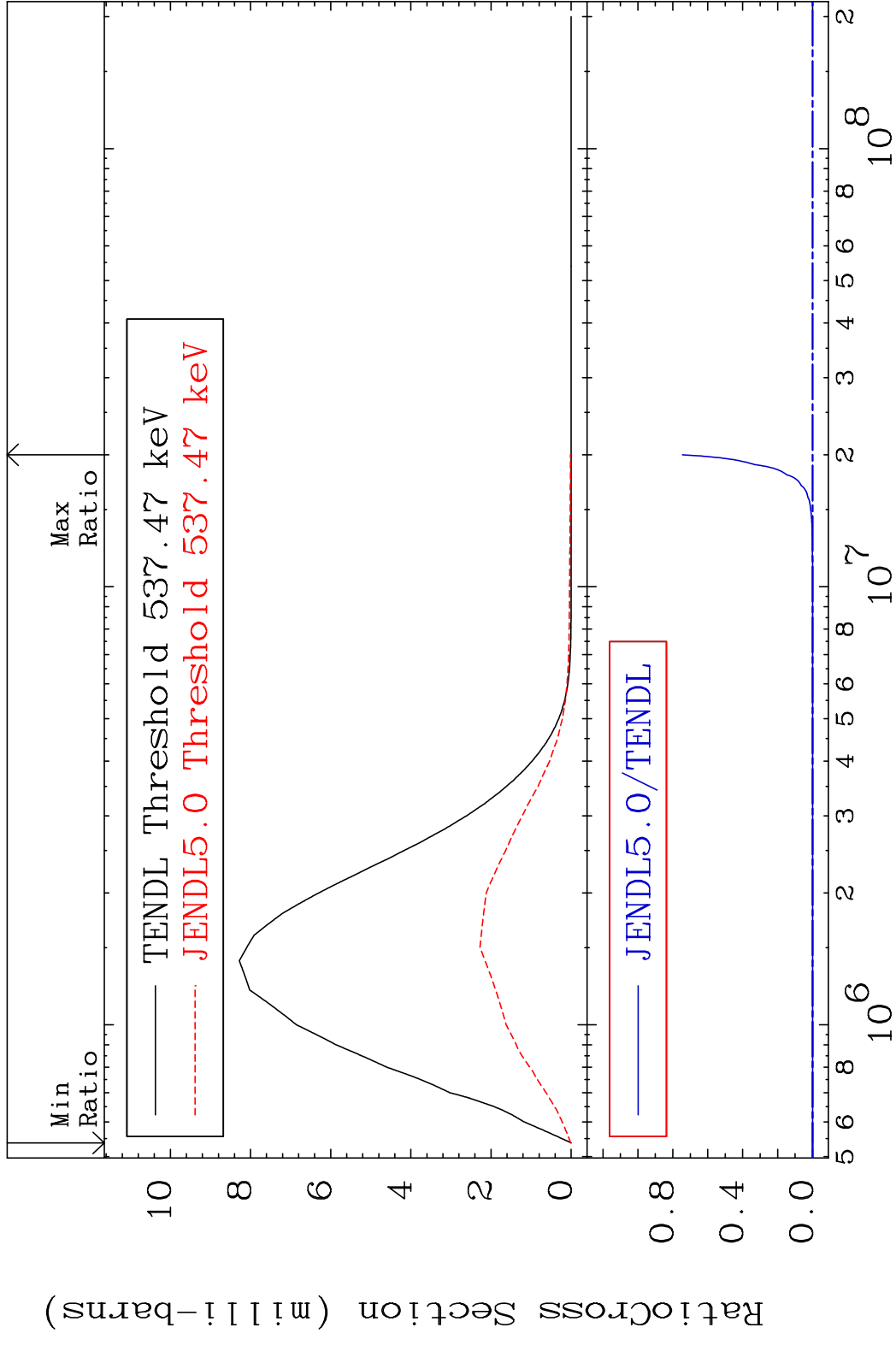
MAT 5229 MT= 66 (n, n') Level 52-Te-121m  
 Cross Section -2.975 To 9999. %



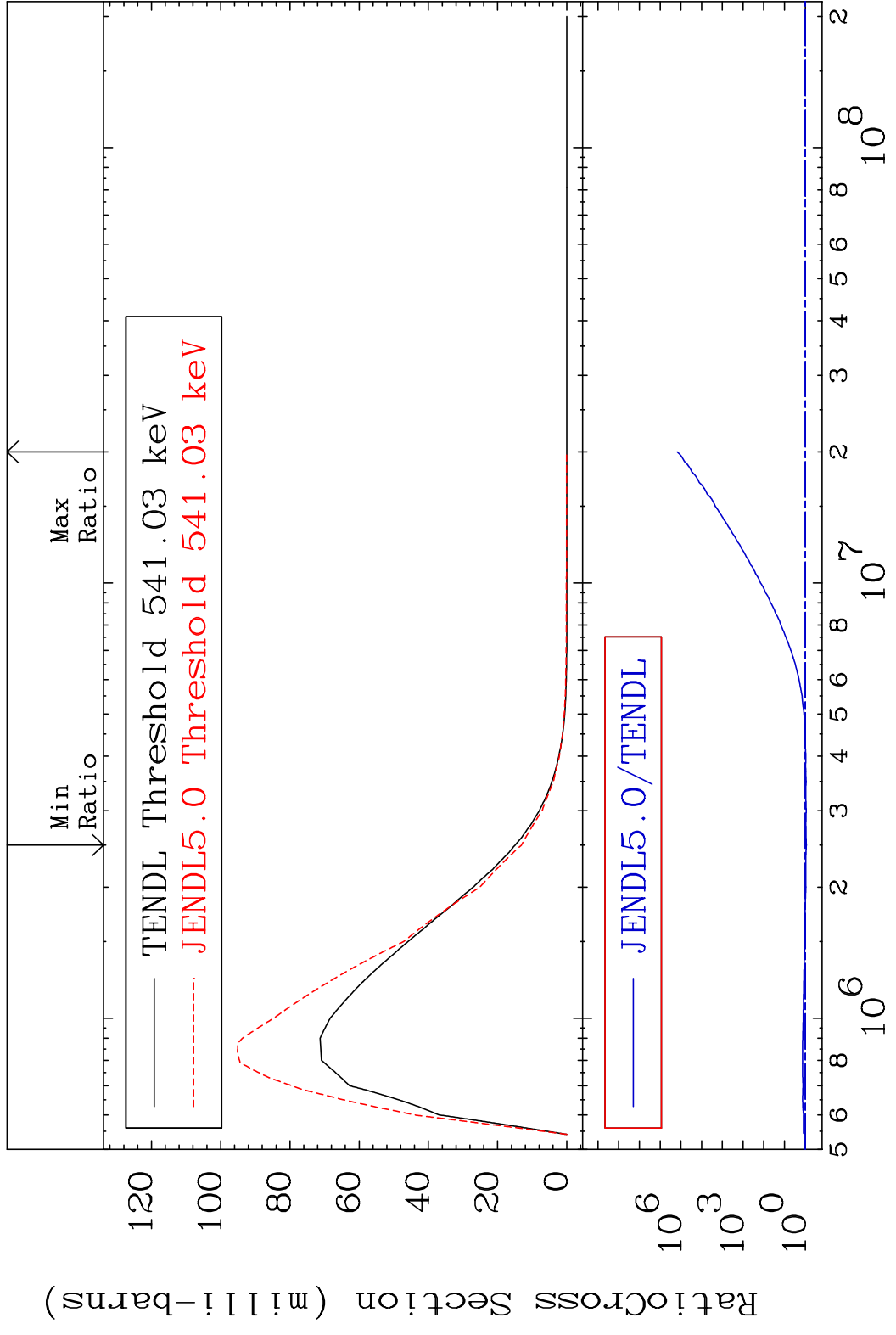
MAT 5229 MT= 67 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



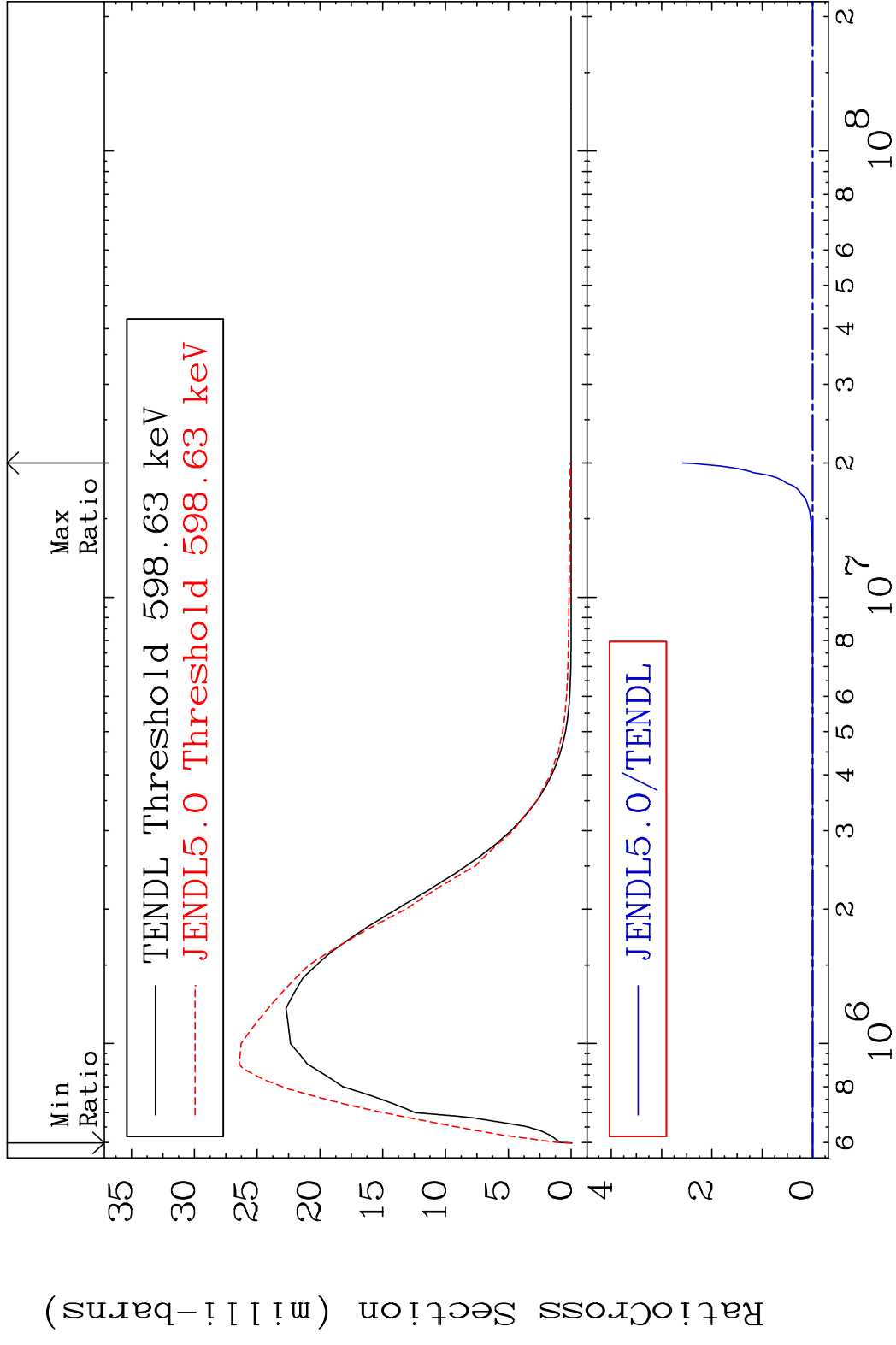
MAT 5229 MT= 68 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



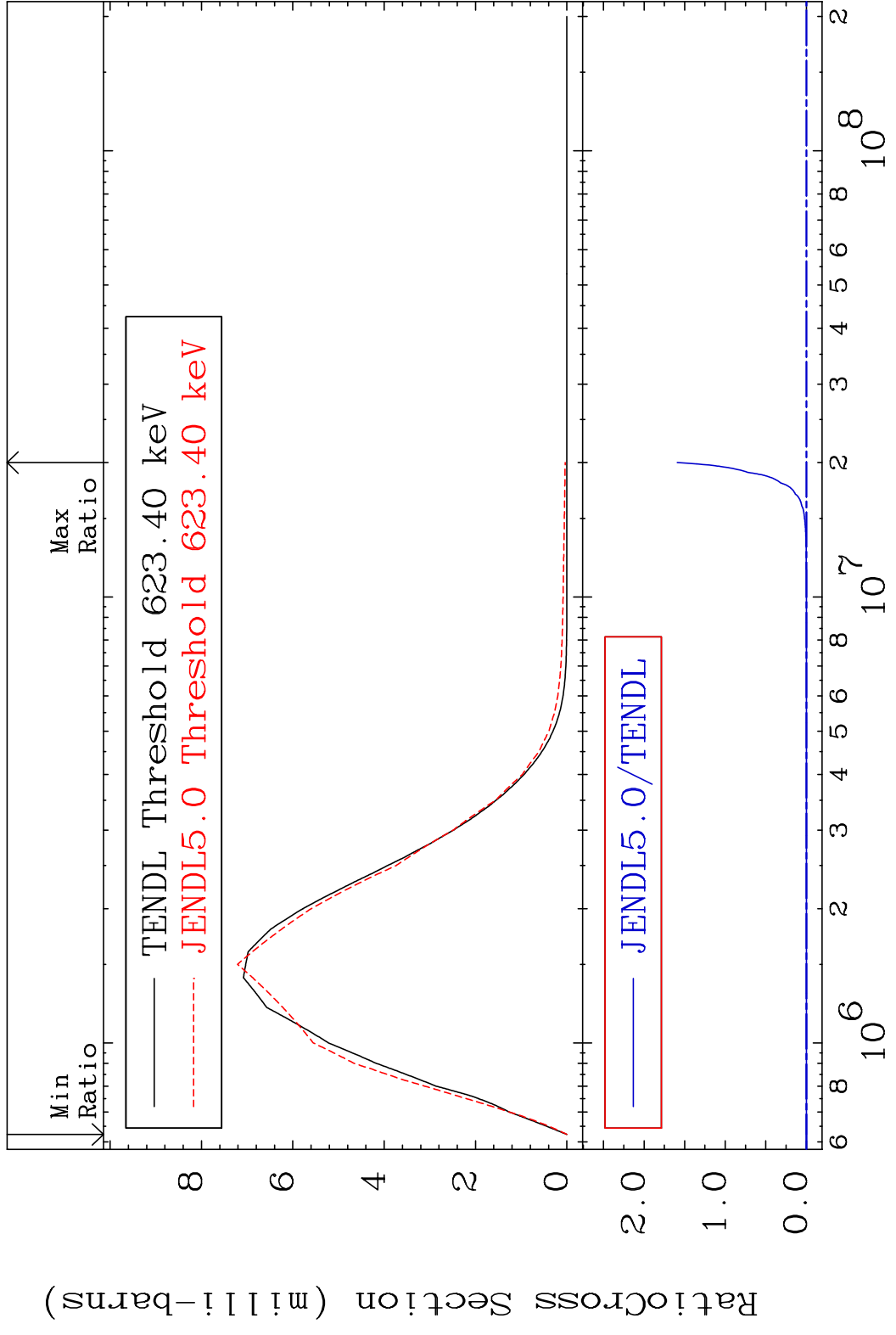
MAT 5229 MT= 69 (n, n') Level 52-Te-121m  
 Cross Section -12.32 To 9999. %



MAT 5229    MT= 70 (n, n') Level    52-Te-121m  
 Cross Section    -100.0 To 9999. %

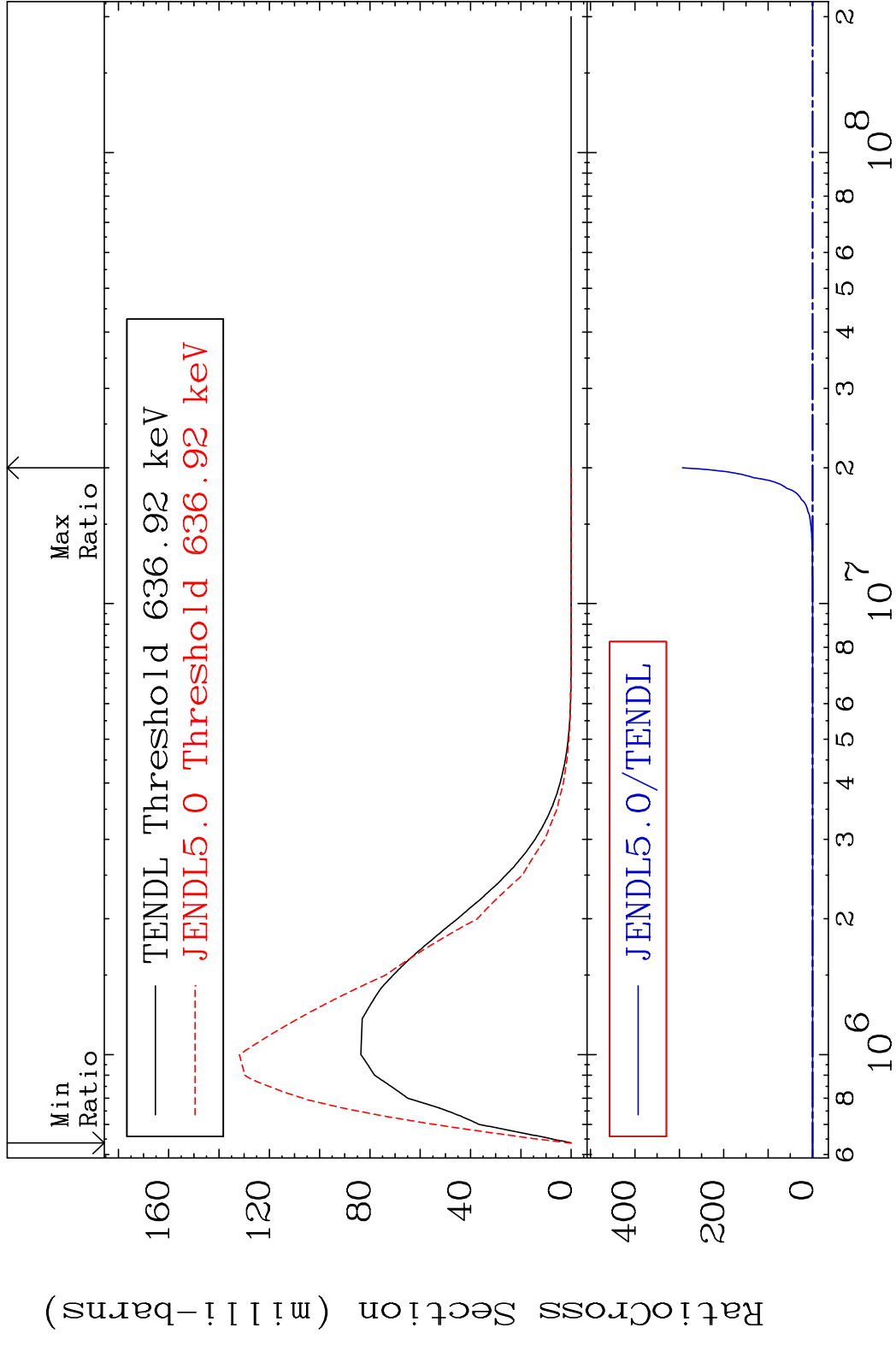


MAT 5229 MT= 71 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



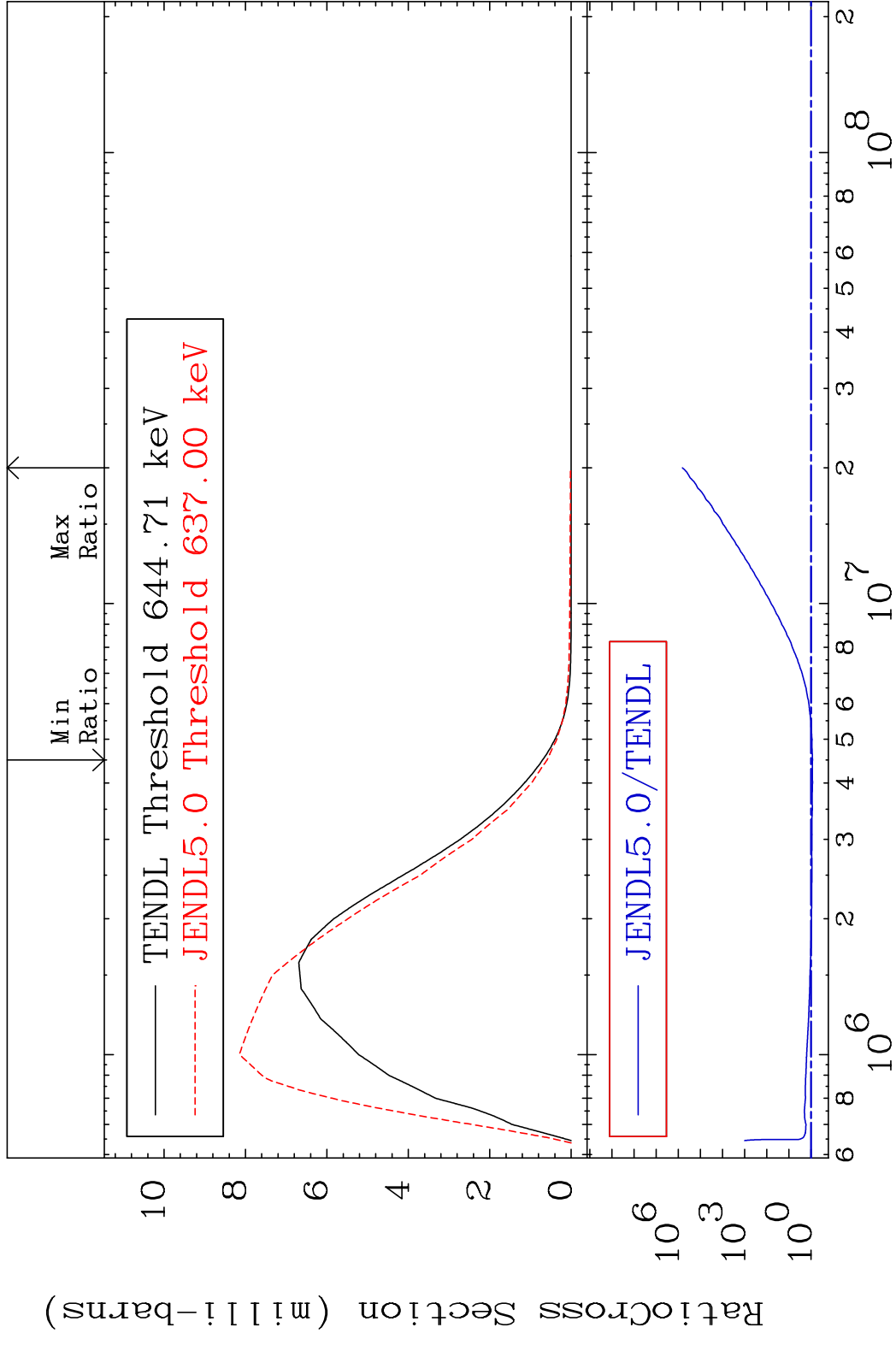
30 Incident Energy (eV) 52-Te-121m

MAT 5229 MT= 72 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %

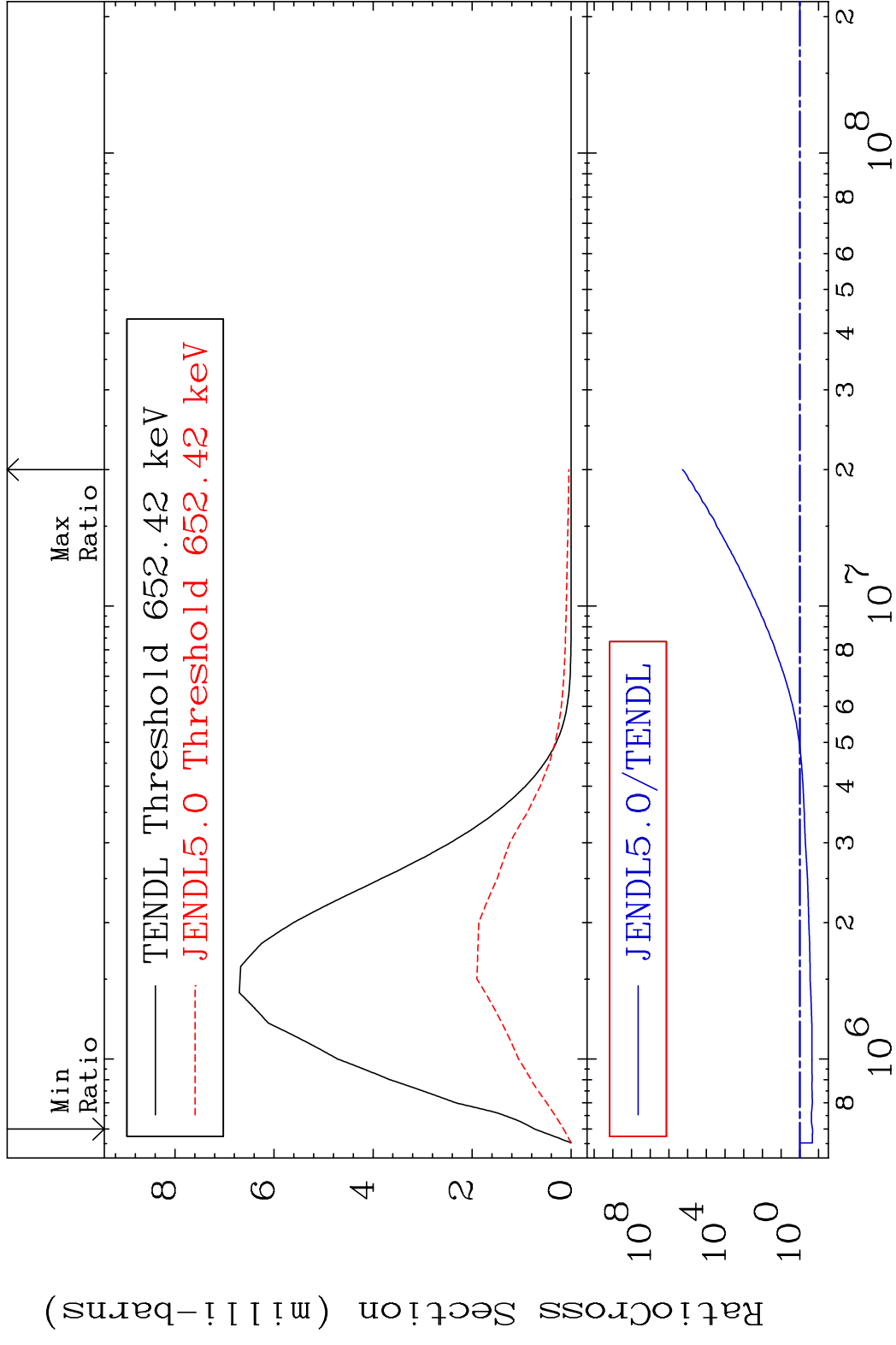




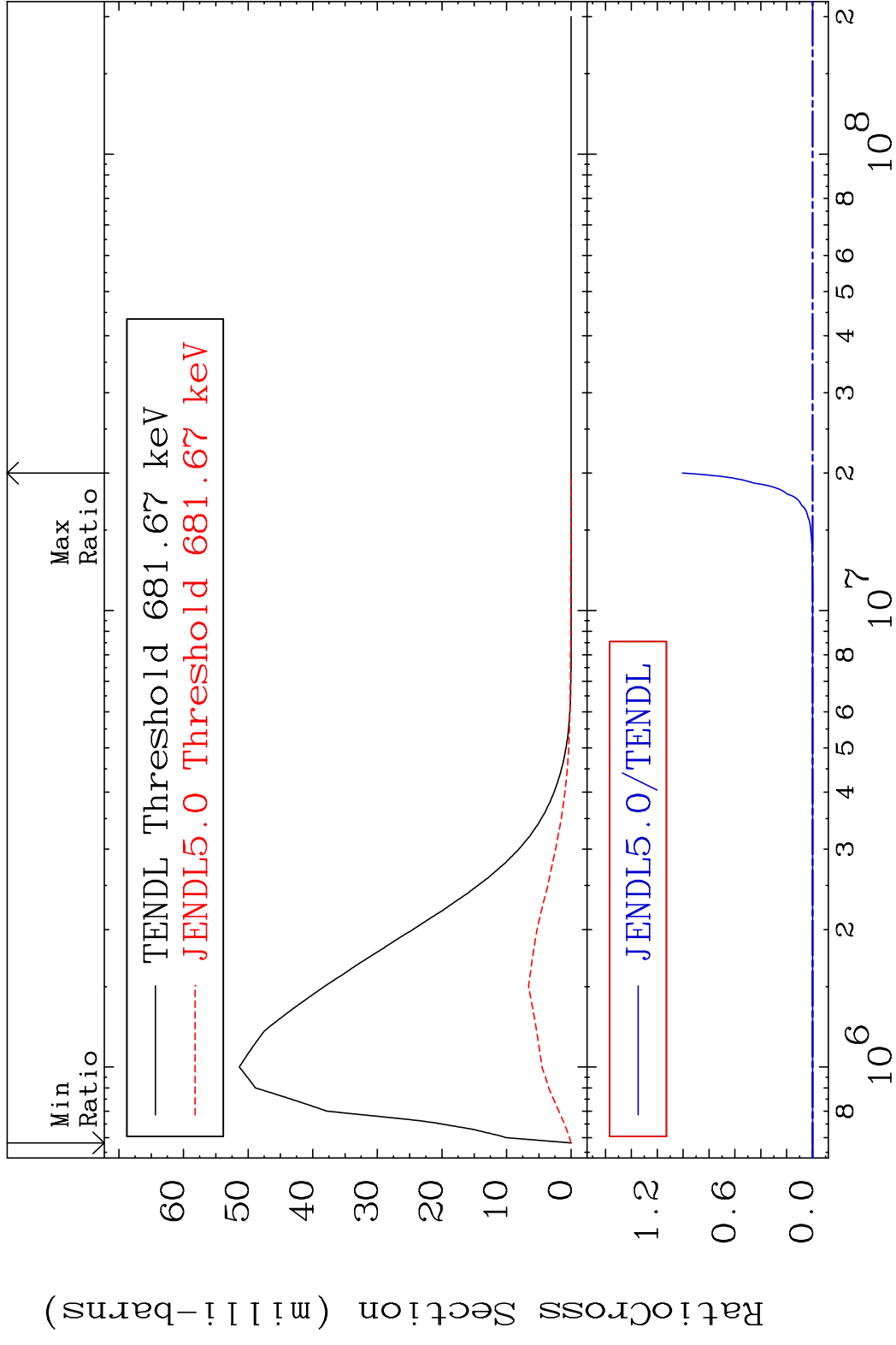
MAT 5229 MT= 73 (n, n') Level 52-Te-121m  
 Cross Section -15.74 To 9999. %



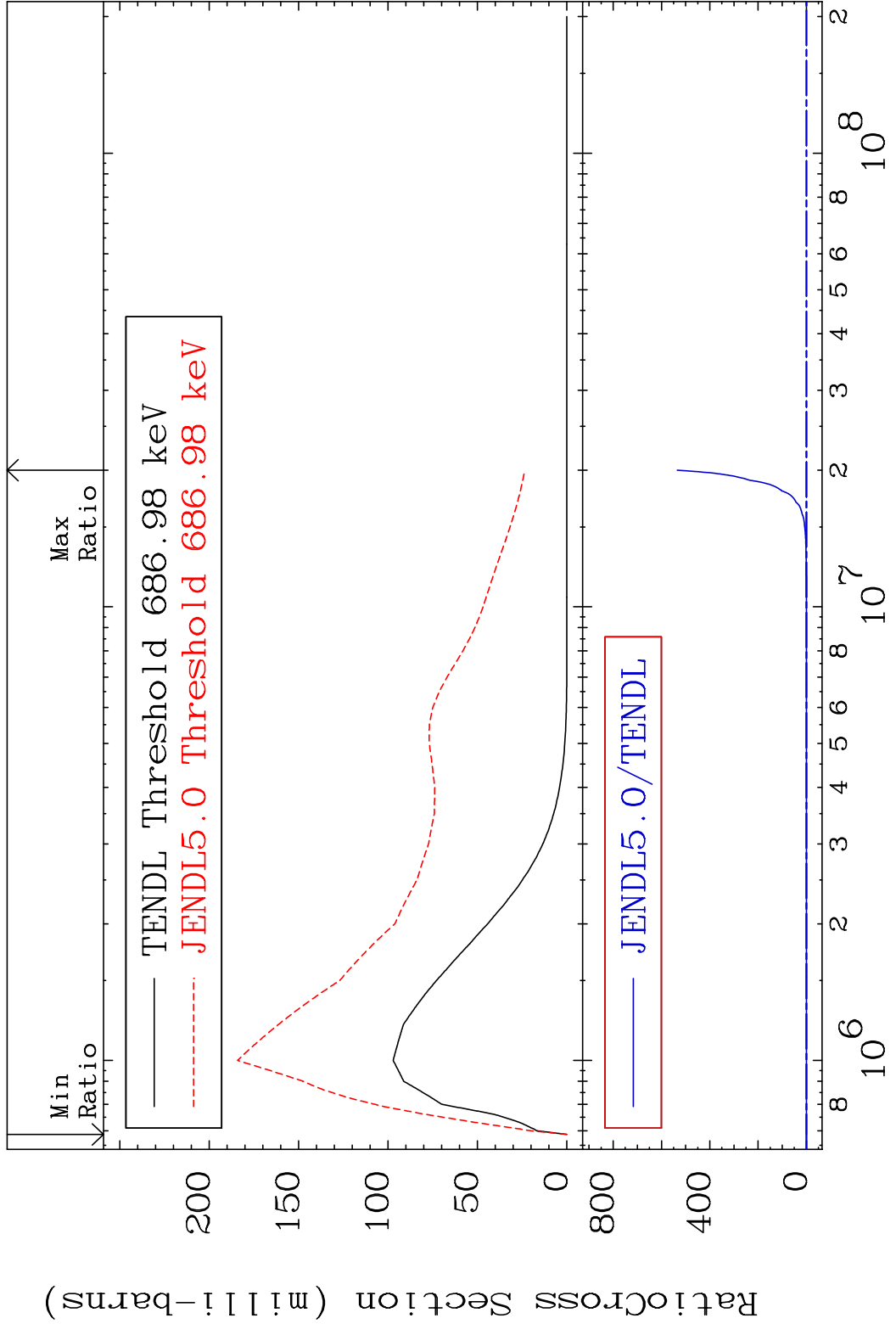
MAT 5229 MT= 74 (n, n') Level 52-Te-121m  
 Cross Section -79.12 To 9999. %



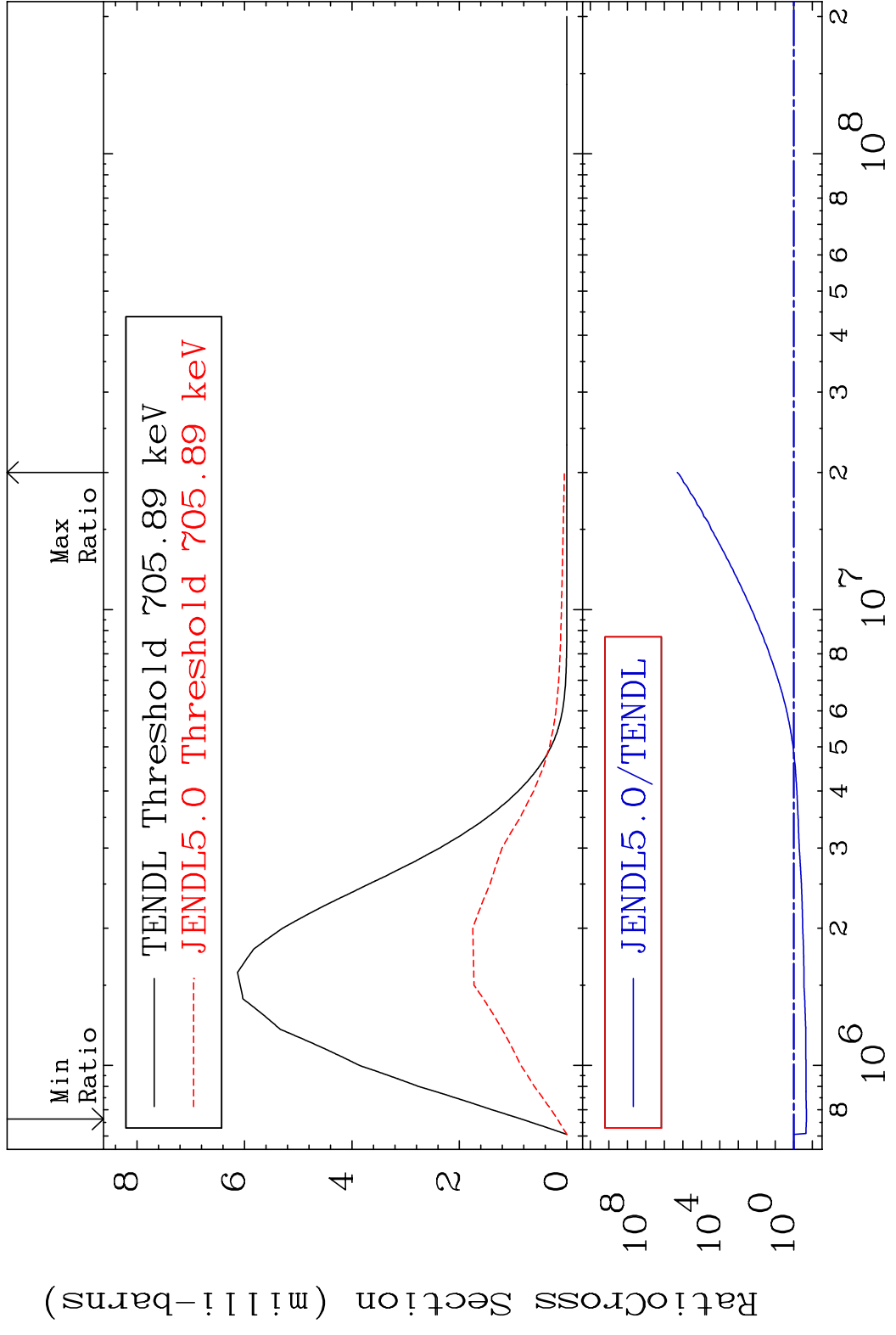
MAT 5229      MT= 75 (n, n') Level      52-Te-121m  
 Cross Section    -100.0 To 9999. %



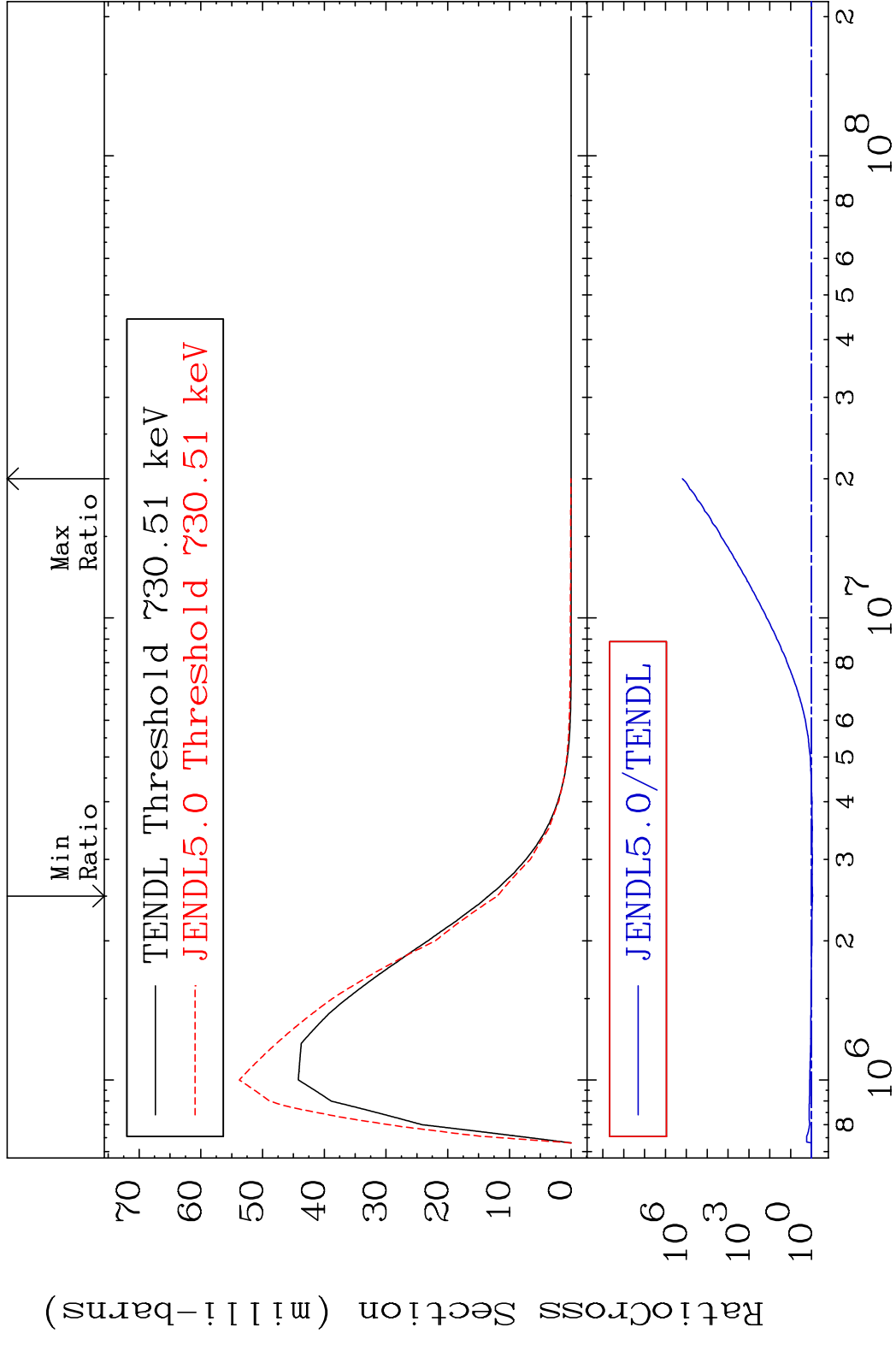
MAT 5229 MT= 76 (n, n') Level 52-Te-121m  
 Cross Section -100.0 To 9999. %



MAT 5229 MT= 77 (n, n') Level 52-Te-121m  
 Cross Section -79.12 To 9999. %



MAT 5229 MT= 78 (n, n') Level 52-Te-121m  
 Cross Section -10.81 To 9999. %



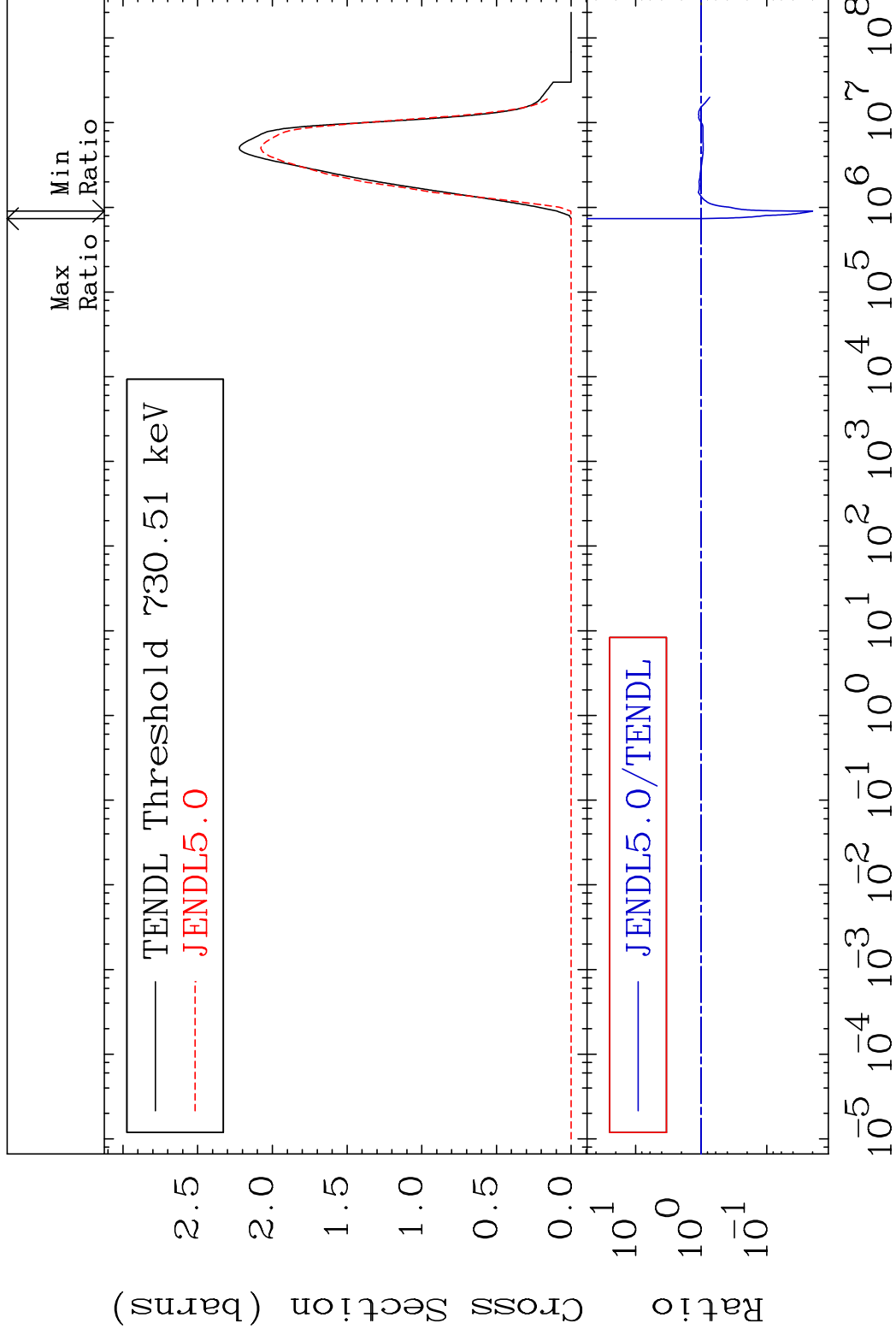
MAT 5229

(n, n') Continuum

52-Te-121m

Cross Section

-97.99 To 93.53 %



38

Incident Energy (eV)

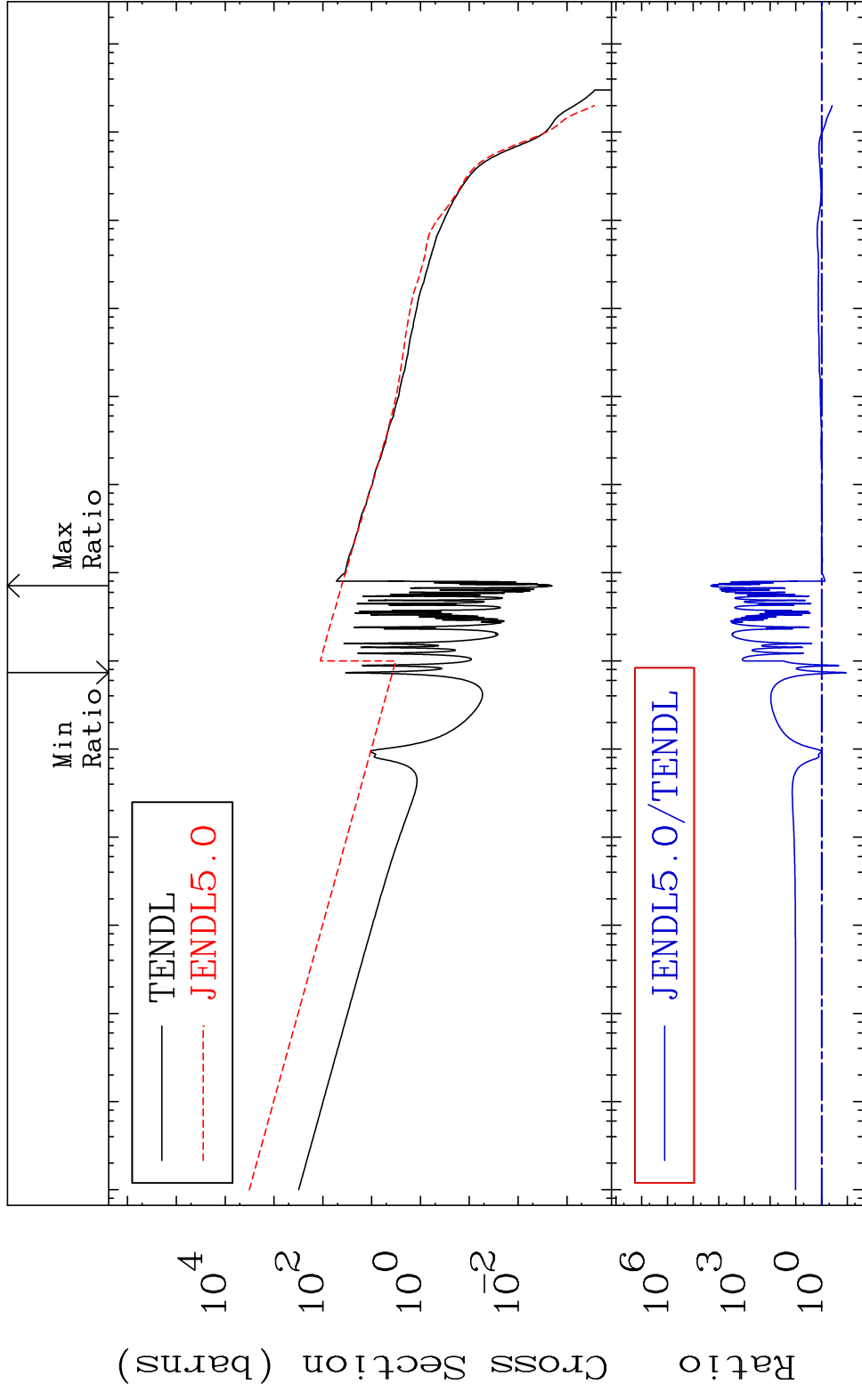
52-Te-121m

MAT 5229

52-Te-121m

(n,  $\gamma$ )

Cross Section -89.10 To 9999. %



39

Incident Energy (eV)

52-Te-121m

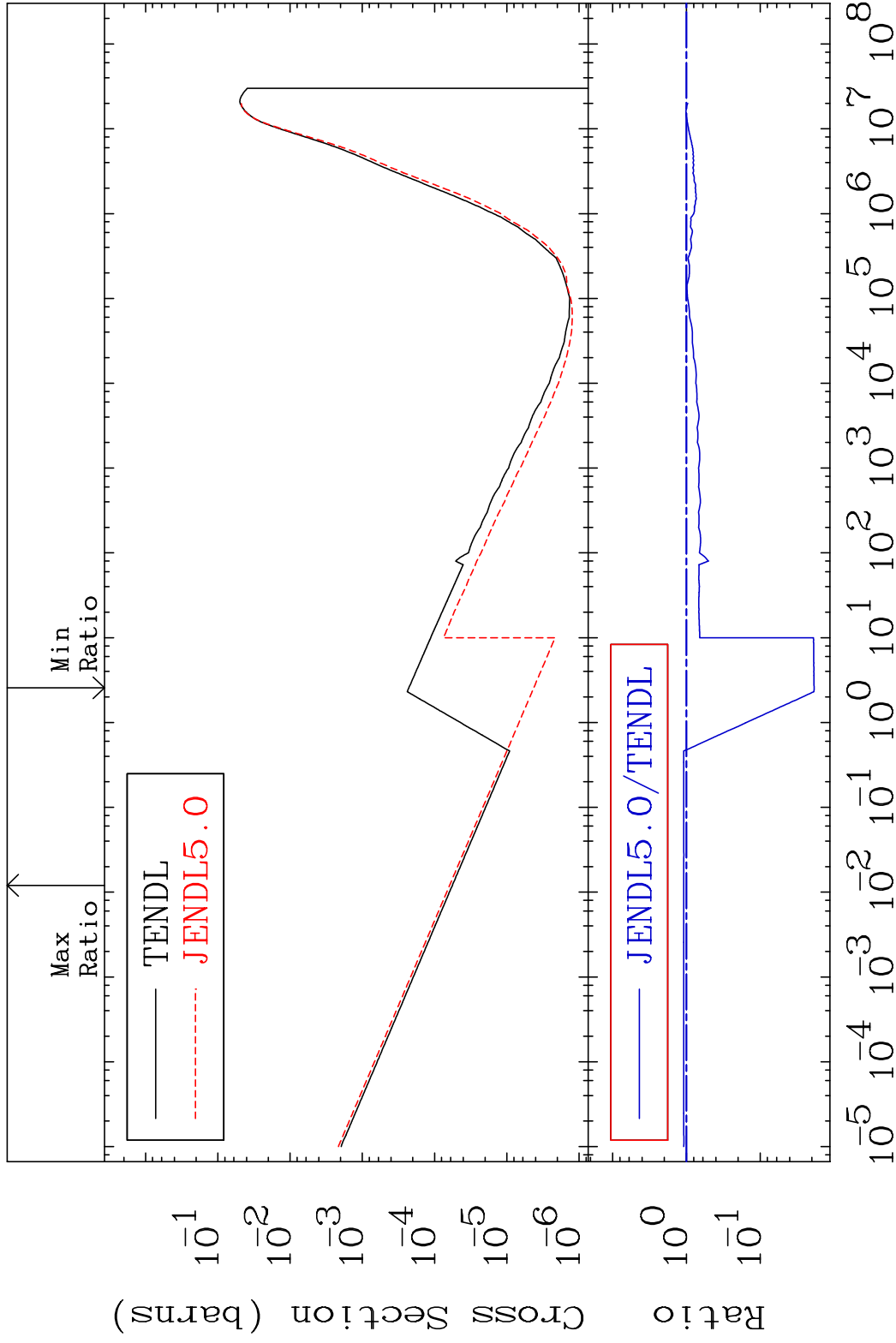


MAT 5229

(n, p)

52-Te-121m

Cross Section -98.14 To 9.290 %

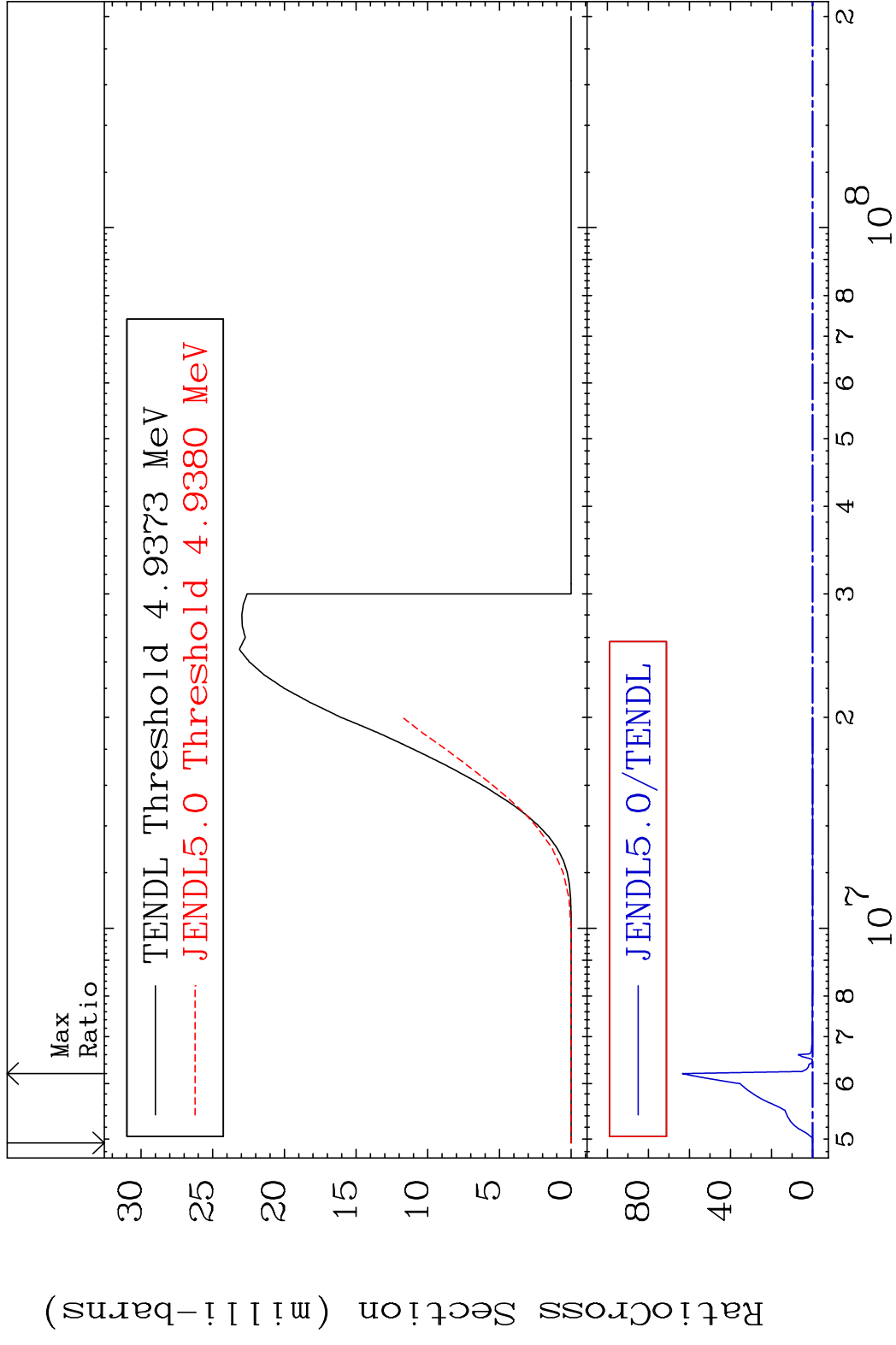


40

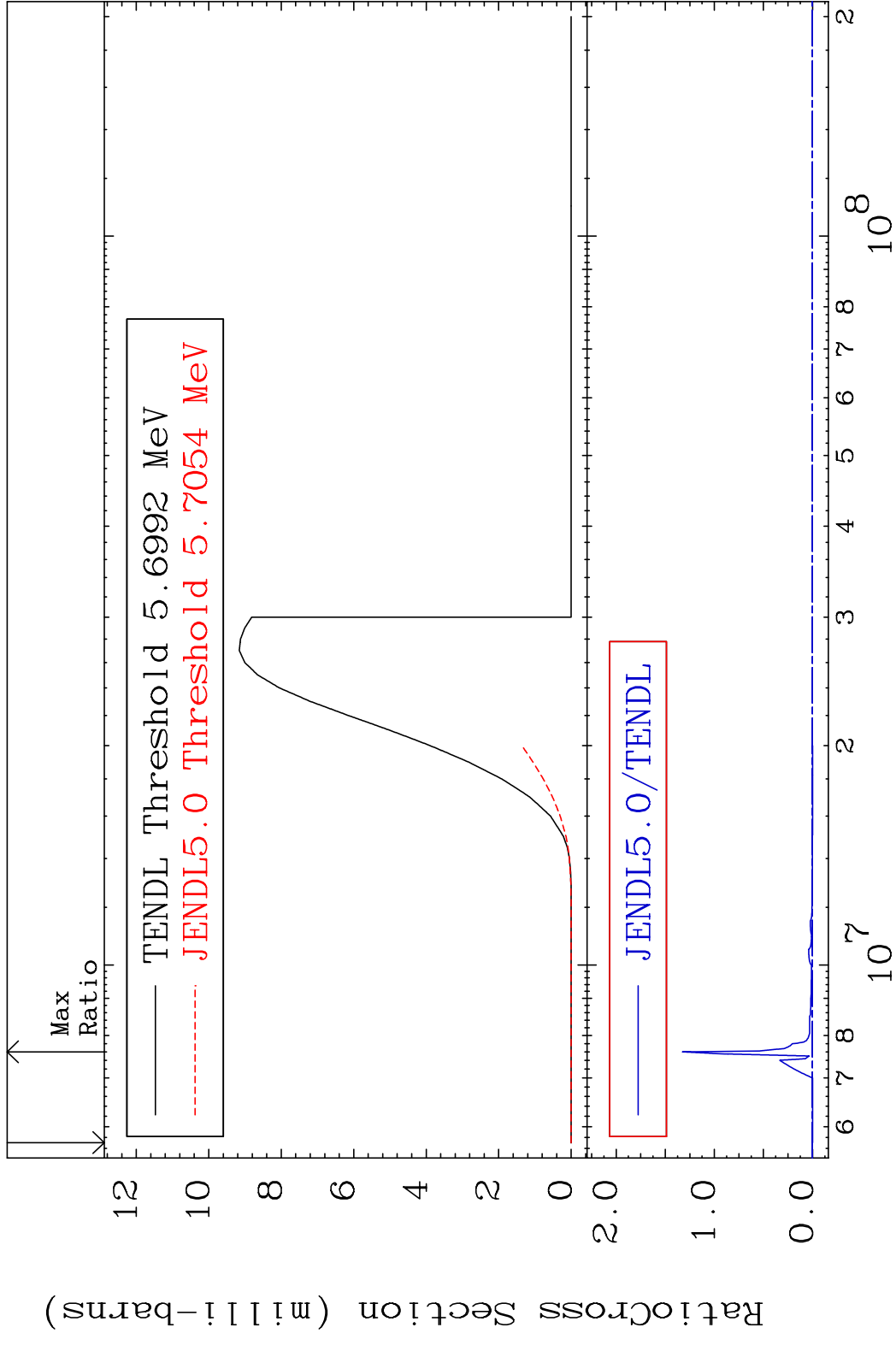
Incident Energy (eV)

52-Te-121m

MAT 5229 (n,d) 52-Te-121m  
 Cross Section -100.0 To 9999. %



MAT 5229 (n, t) 52-Te-121m  
 Cross Section -100.0 To 9999. %



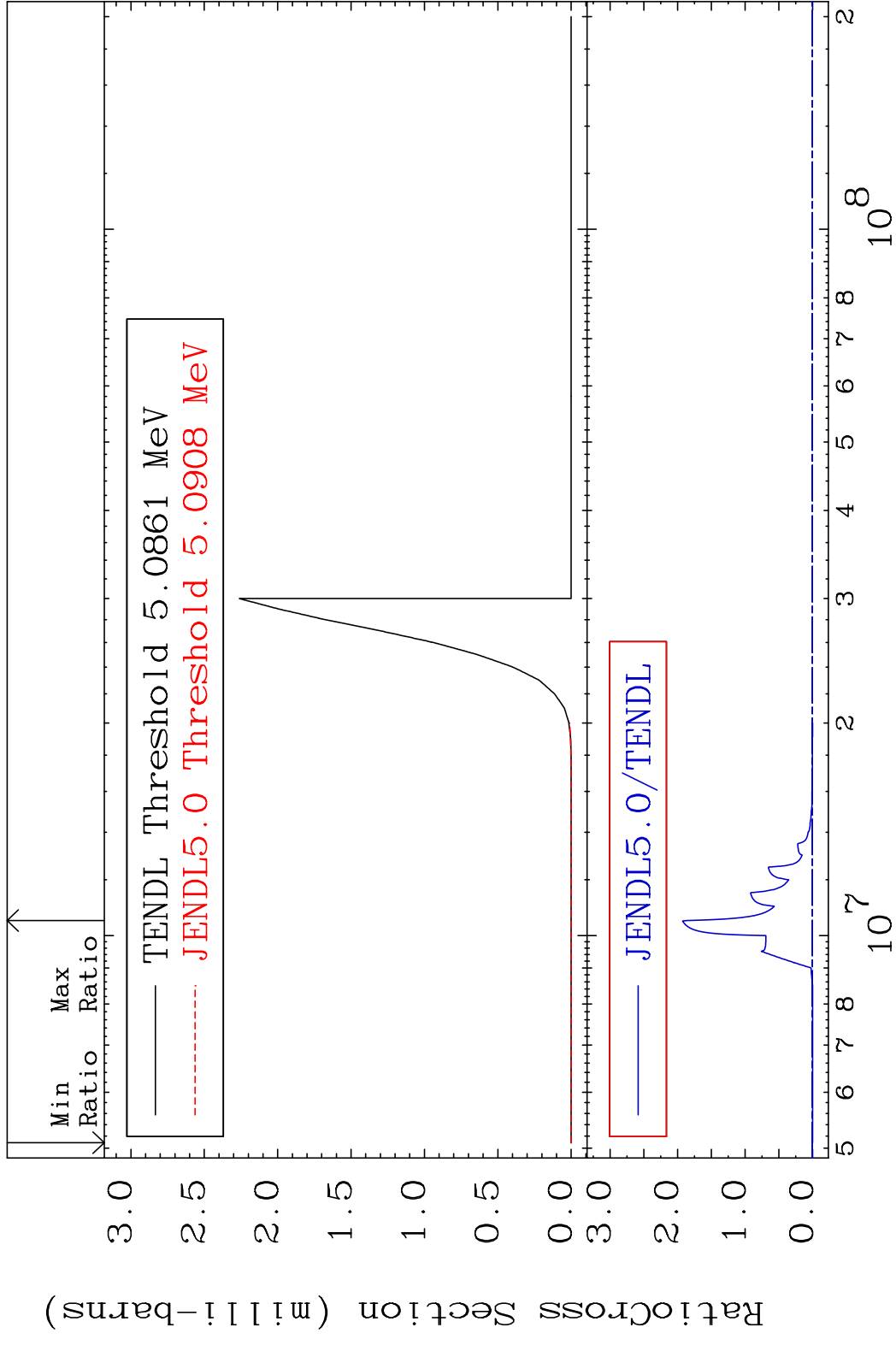
42 Incident Energy (eV) 52-Te-121m

MAT 5229

(n, He-3)

52-Te-121m

Cross Section -100.0 To 9999. %

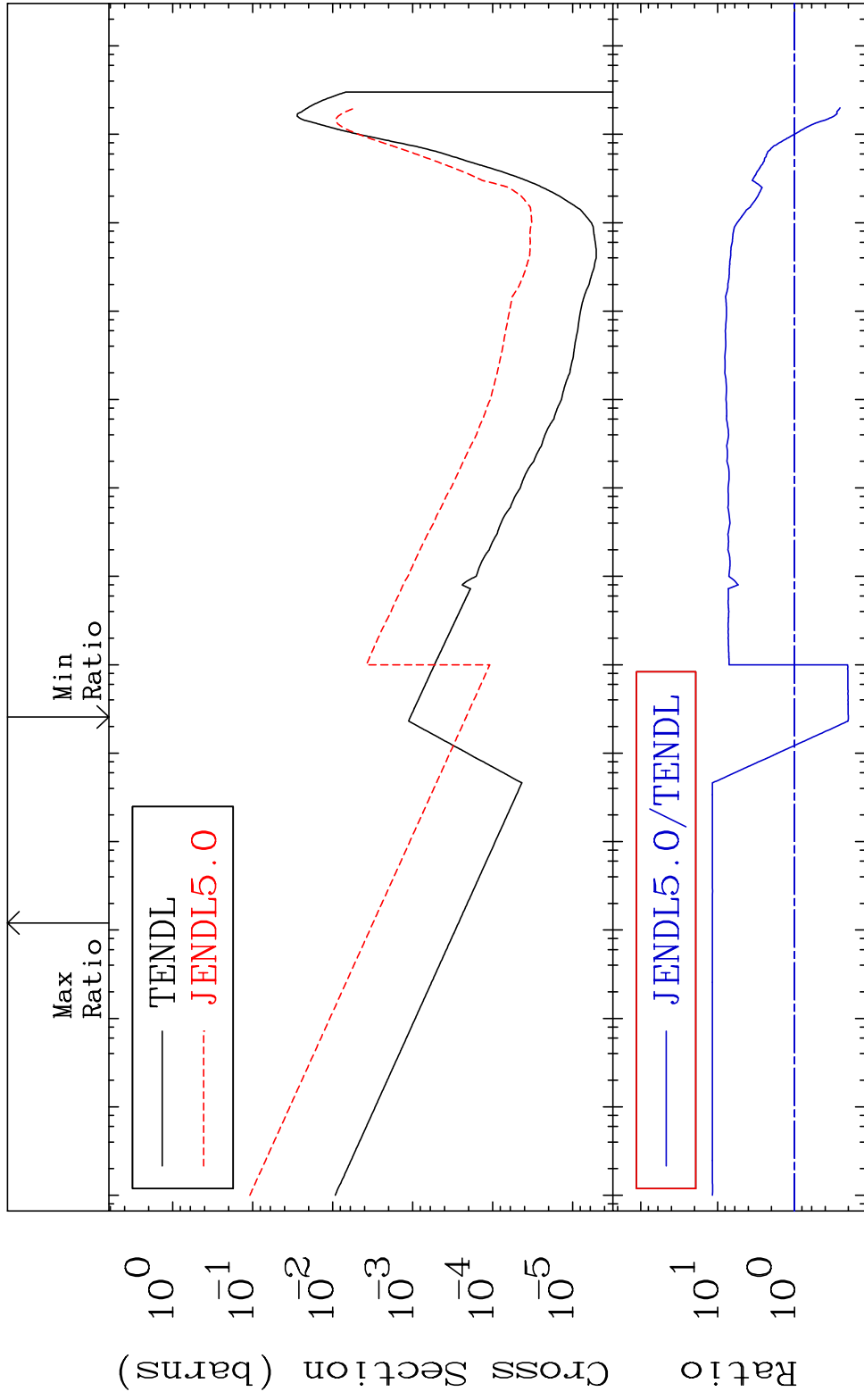


MAT 5229

(n,  $\alpha$ )

52-Te-121m

Cross Section -80.00 To 1073. %



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>

44

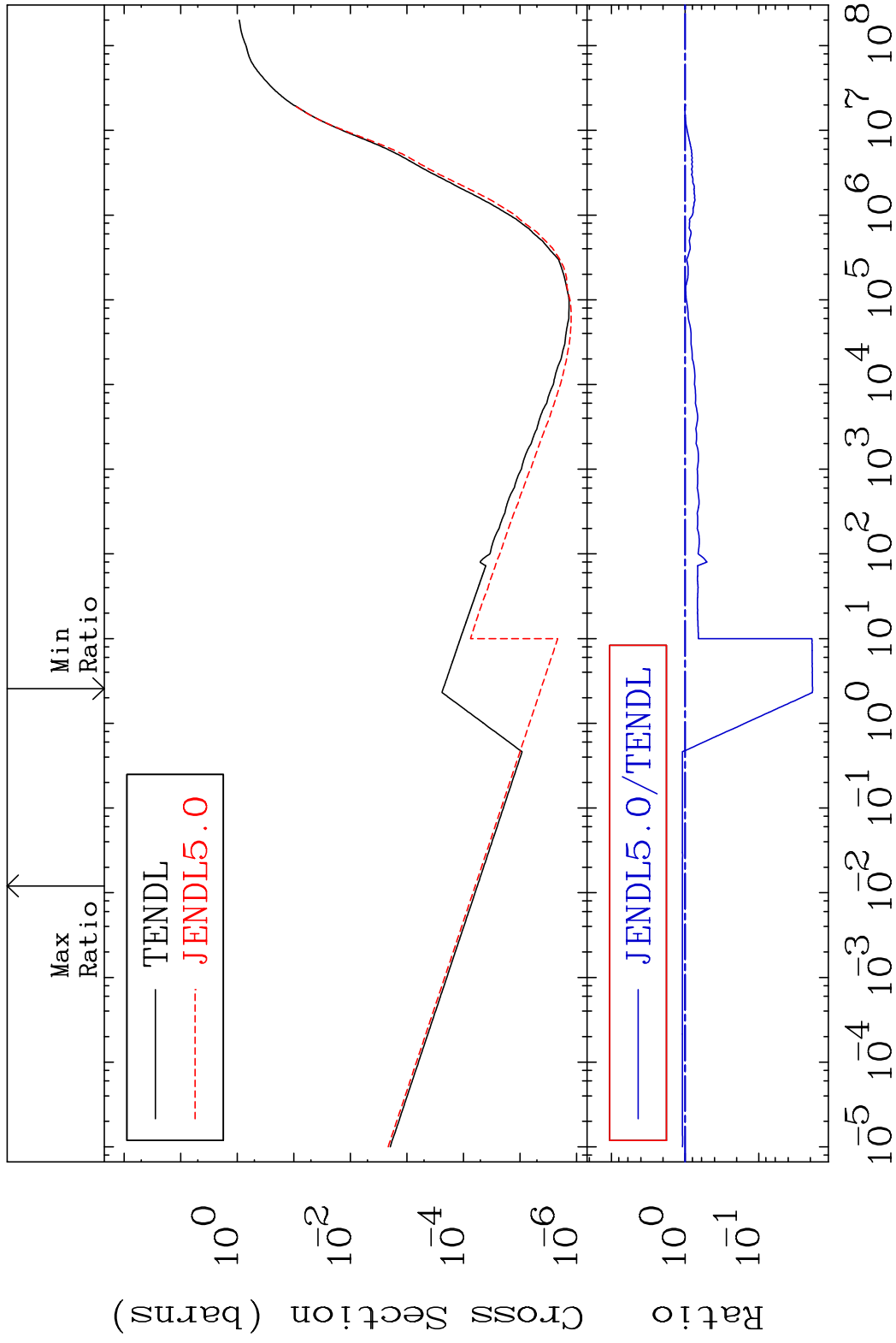
Incident Energy (eV)

52-Te-121m

MAT 5229

Hydrogen Production  
Cross Section -98.14 To 9.290 %

52-Te-121m

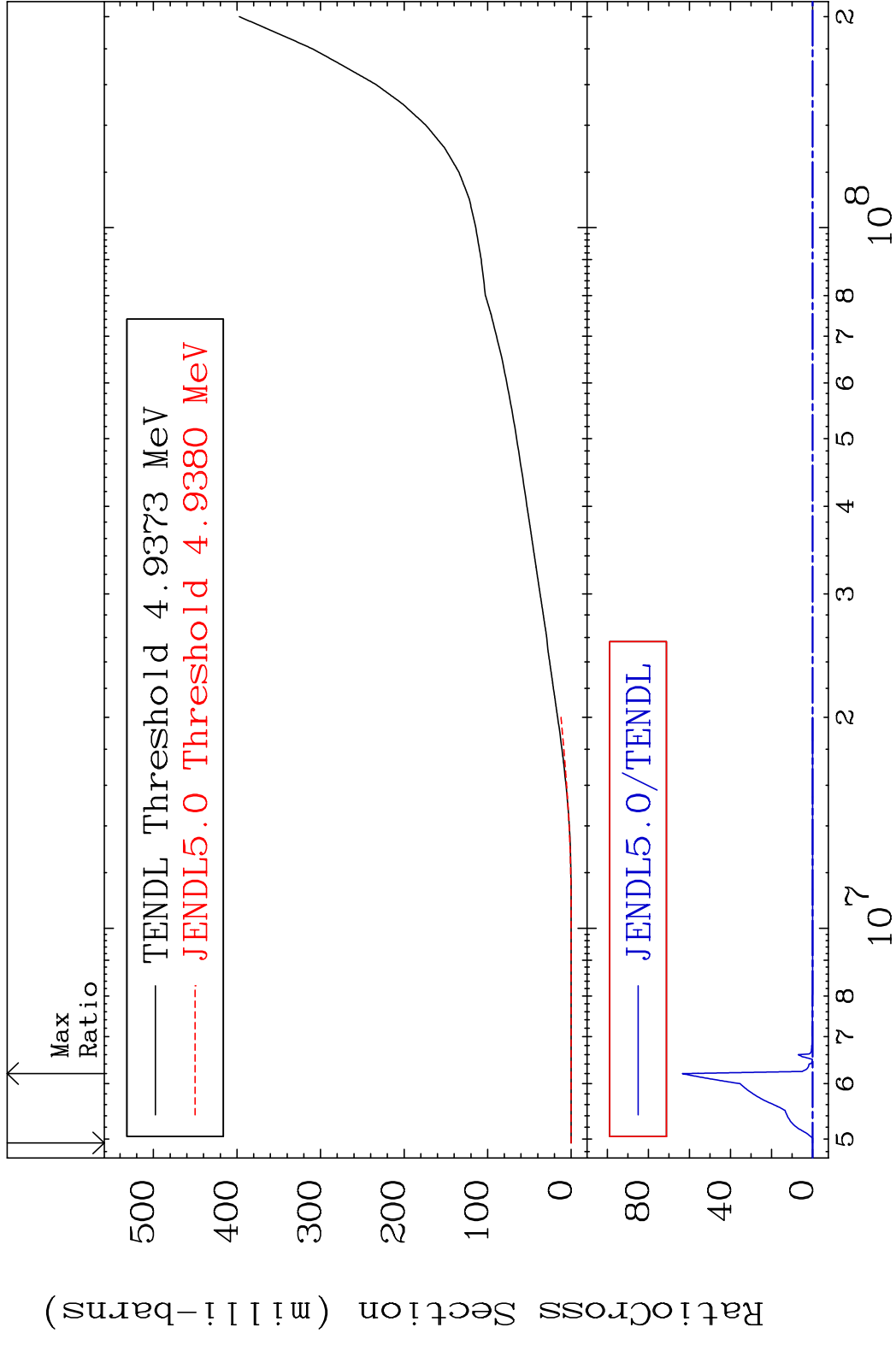


45

Incident Energy (eV)

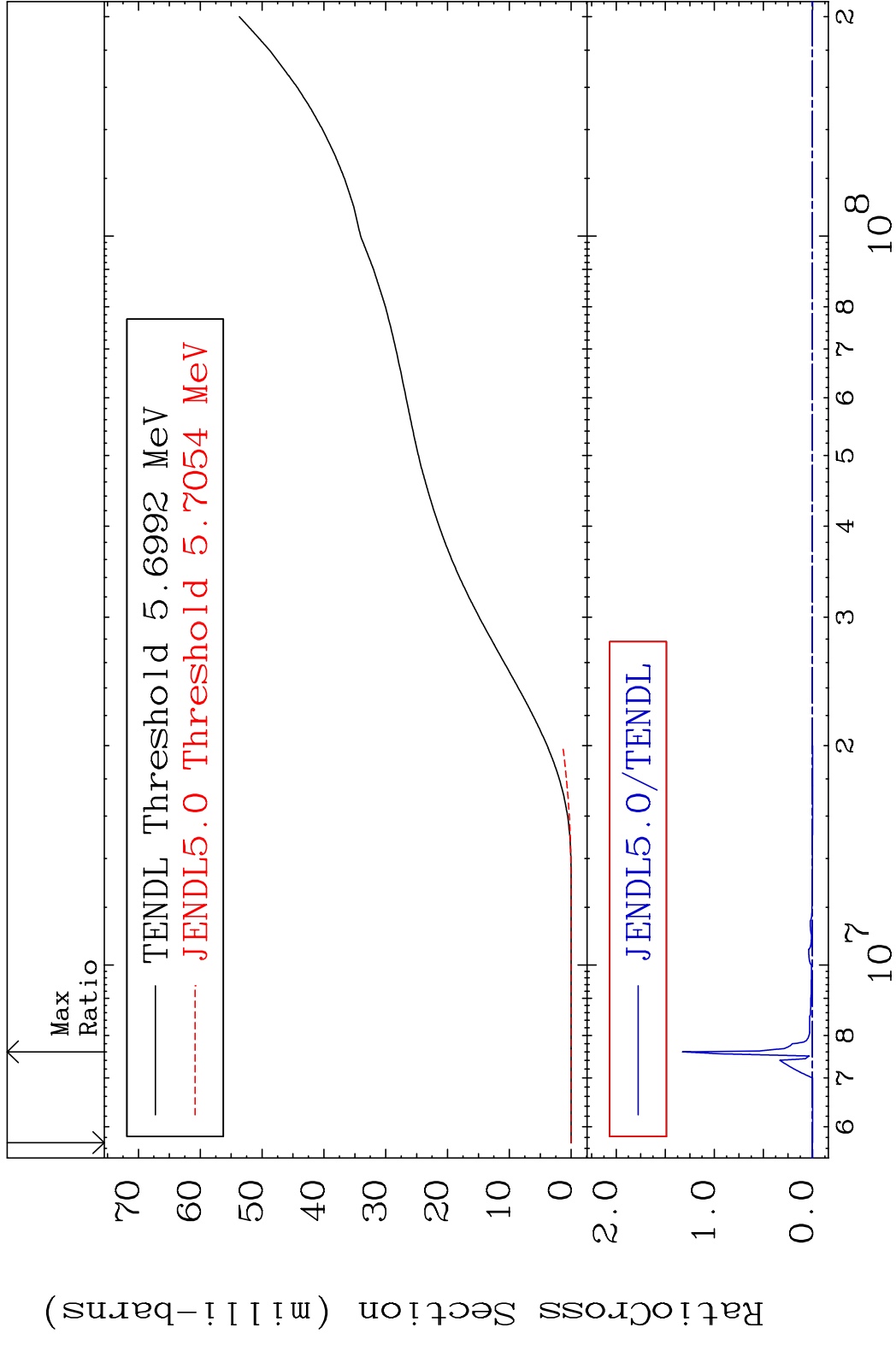
52-Te-121m

MAT 5229 Deuterium Production 52-Te-121m  
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 52-Te-121m

MAT 5229 Tritium Production 52-Te-121m  
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 52-Te-121m

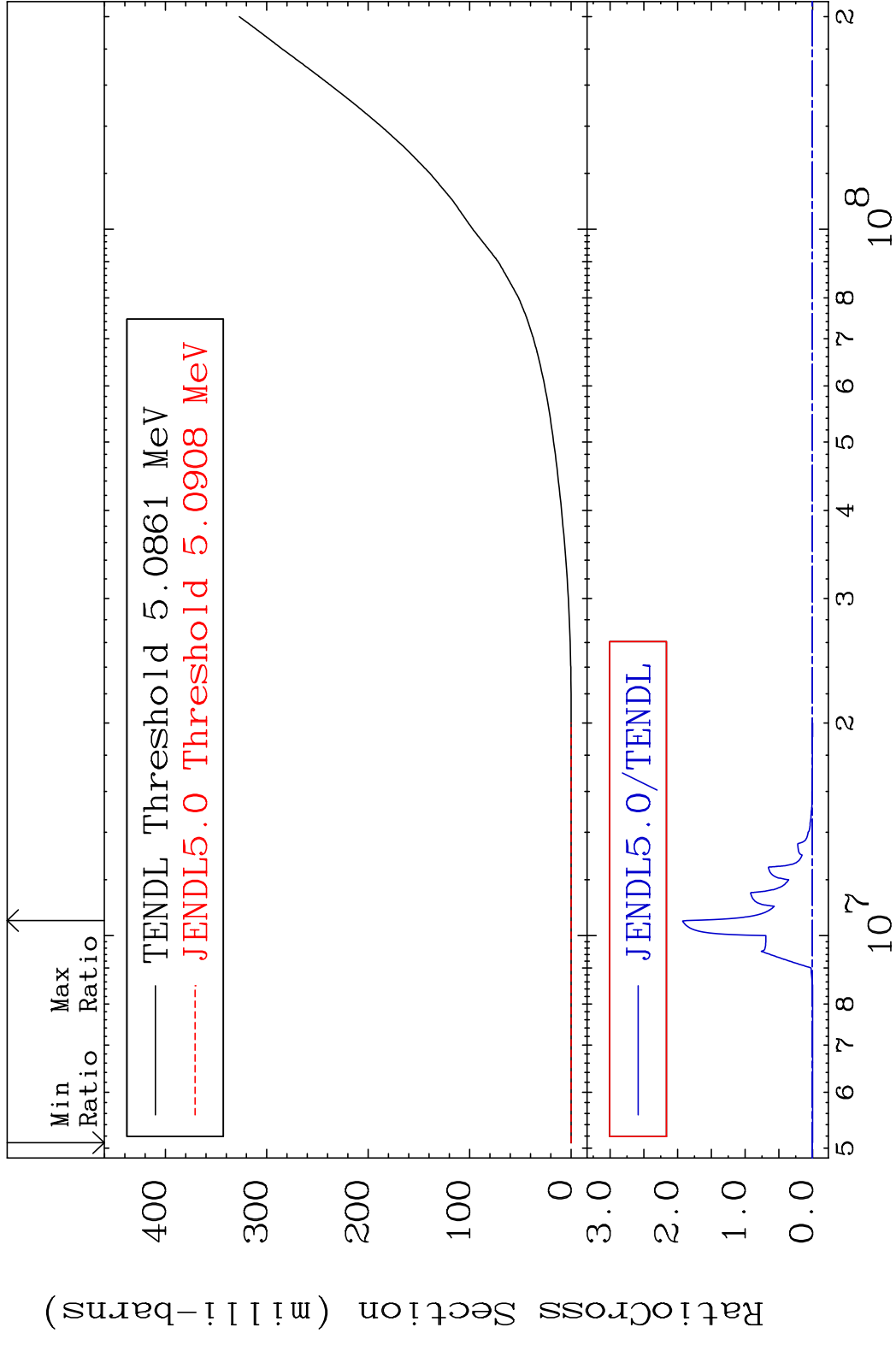


MAT 5229

He-3 Production

52-Te-121m

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

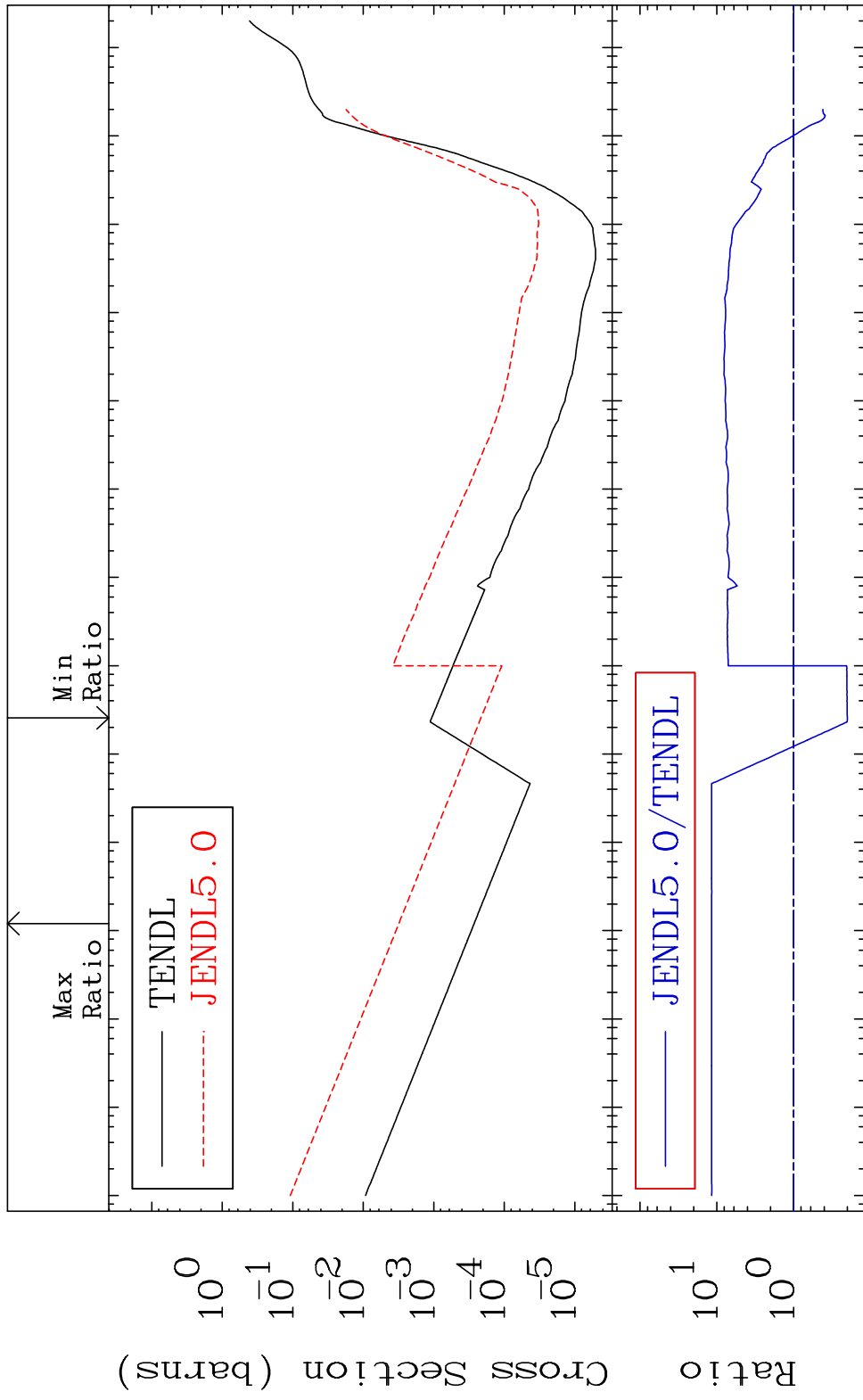
52-Te-121m

MAT 5229

He-4 Production

52-Te-121m

Cross Section -80.00 To 1073. %

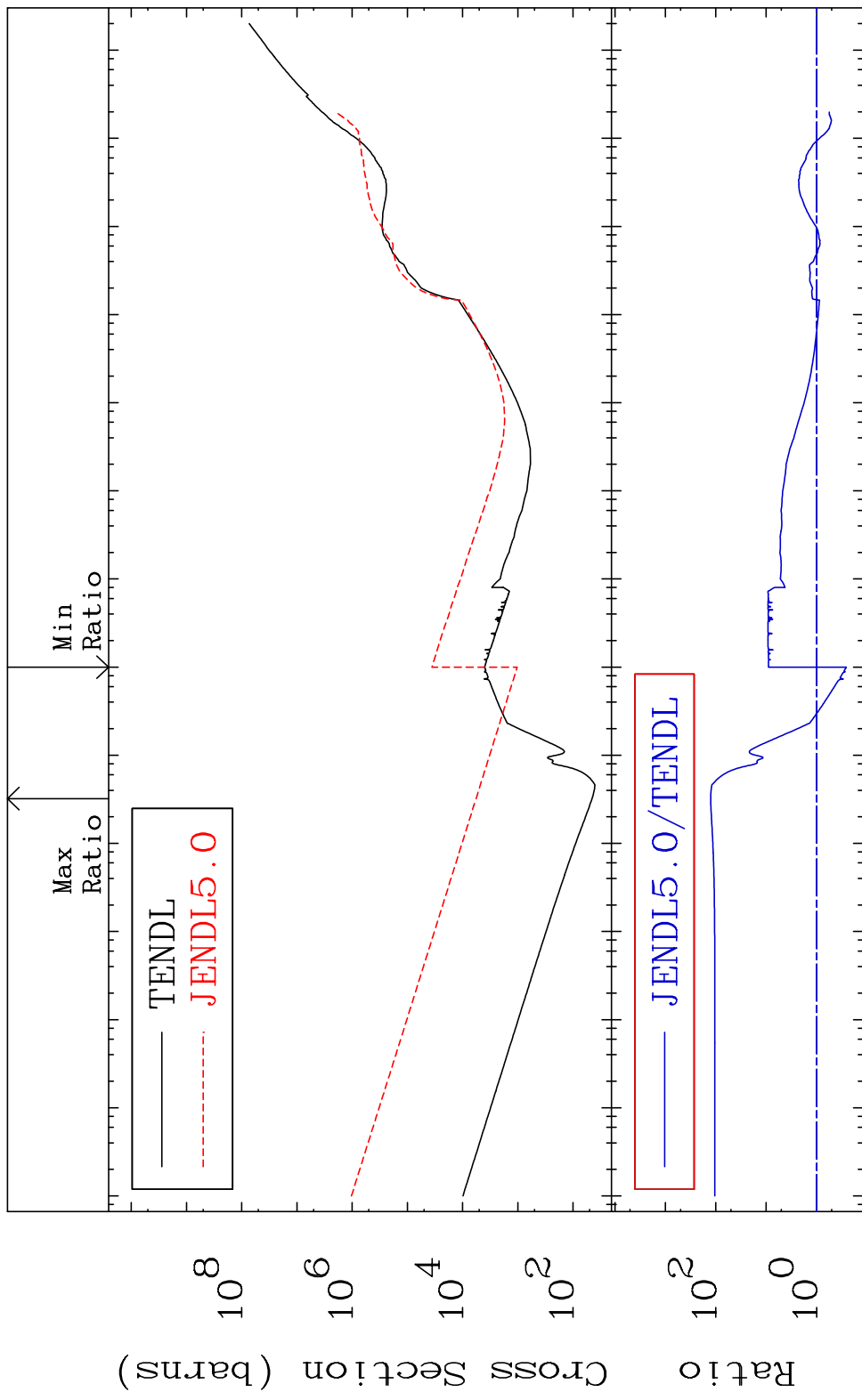


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Incident Energy (eV)

52-Te-121m

MAT 5229 Kerma total (eV-barns) 52-Te-121m  
 Cross Section -74.31 To 9999. %

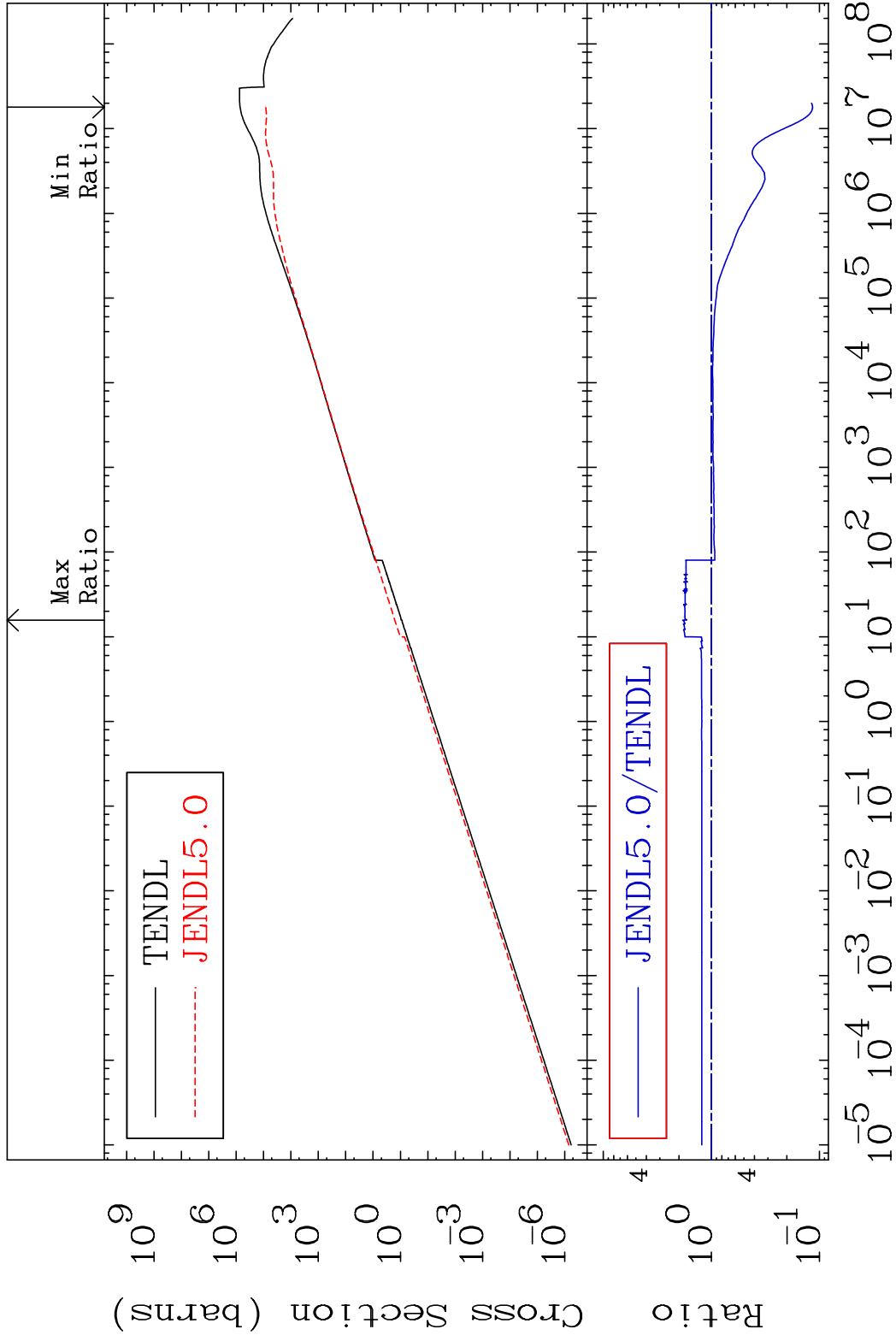


50 Incident Energy (eV) 52-Te-121m

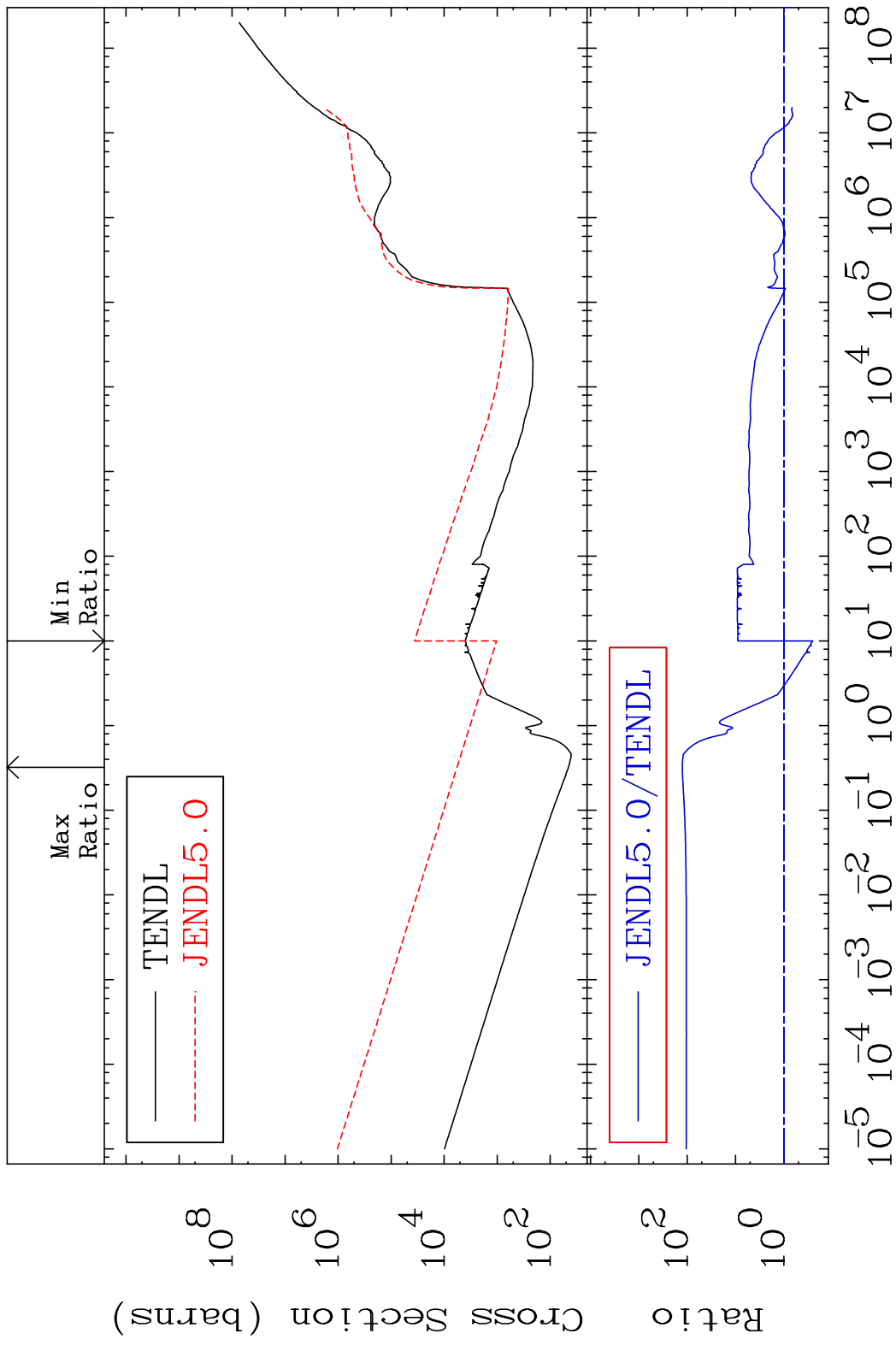
MAT 5229

Kerma elastic  
Cross Section

52-Te-121m  
-88.42 To 85.67 %

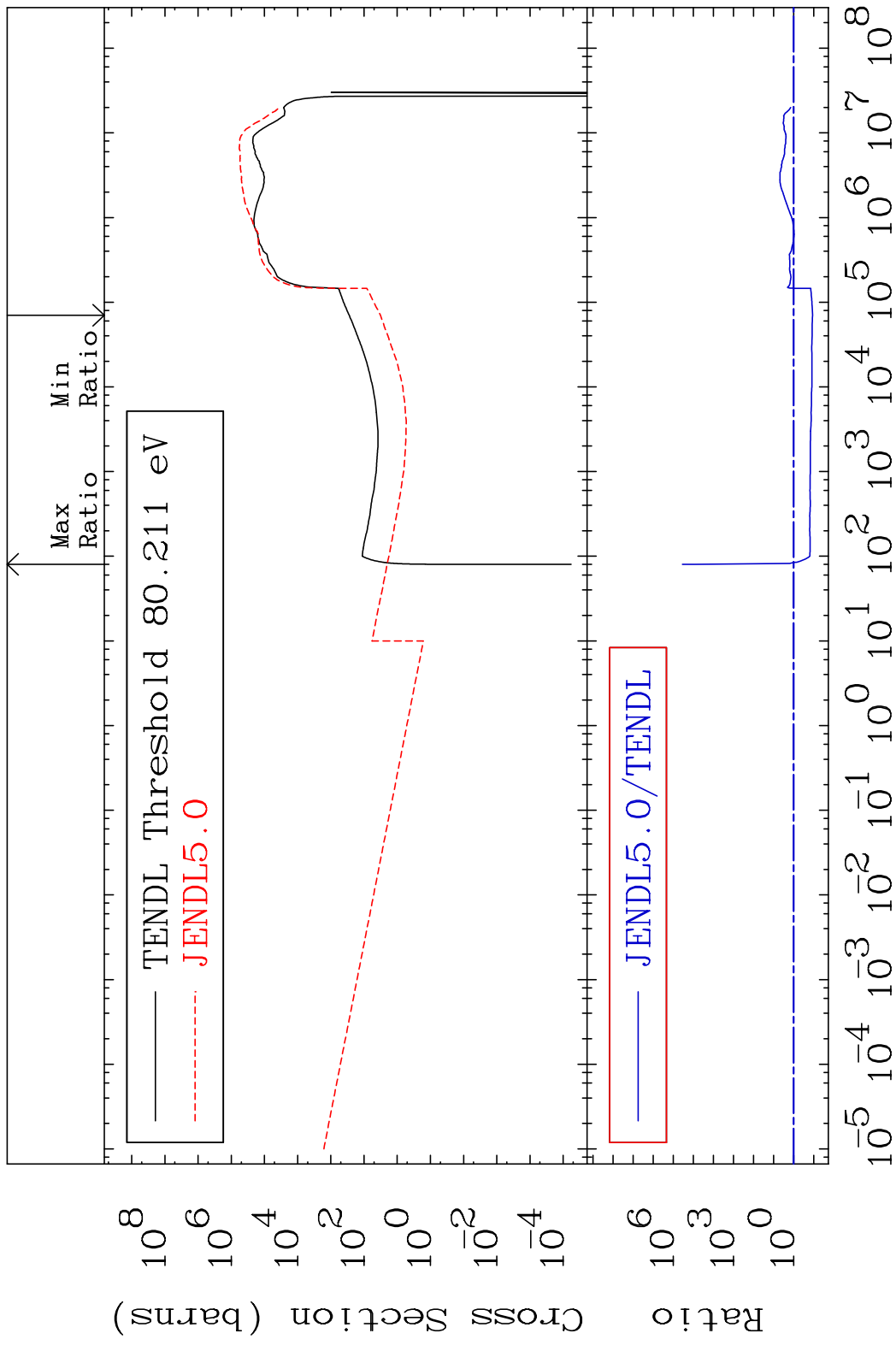


MAT 5229 Kerma non-elastic (all but mt2) 52-Te-121m  
 Cross Section -74.32 To 9999. %



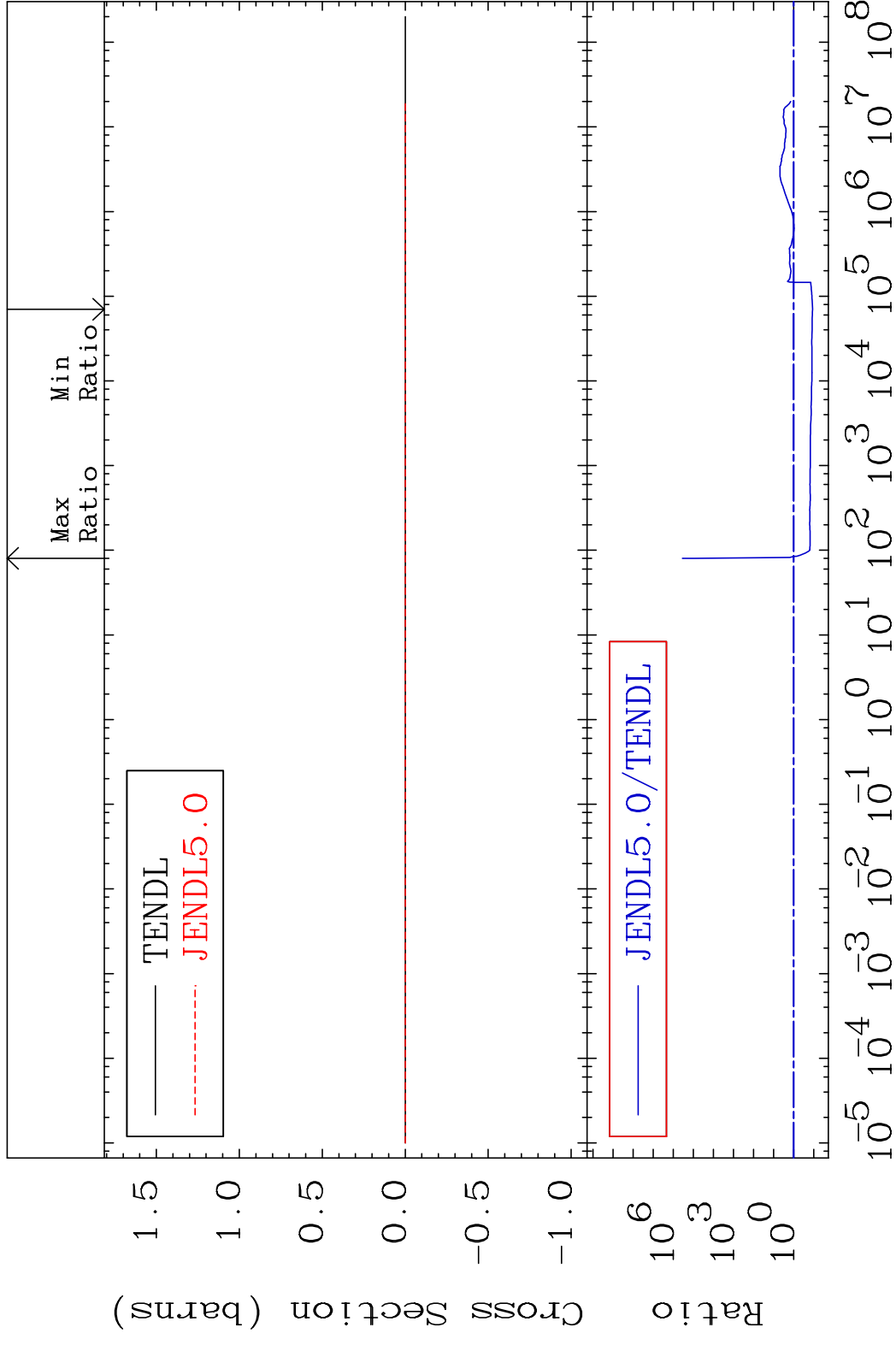
52 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma inelastic (mt51-91) 52-Te-121m  
 Cross Section -88.59 To 9999. %



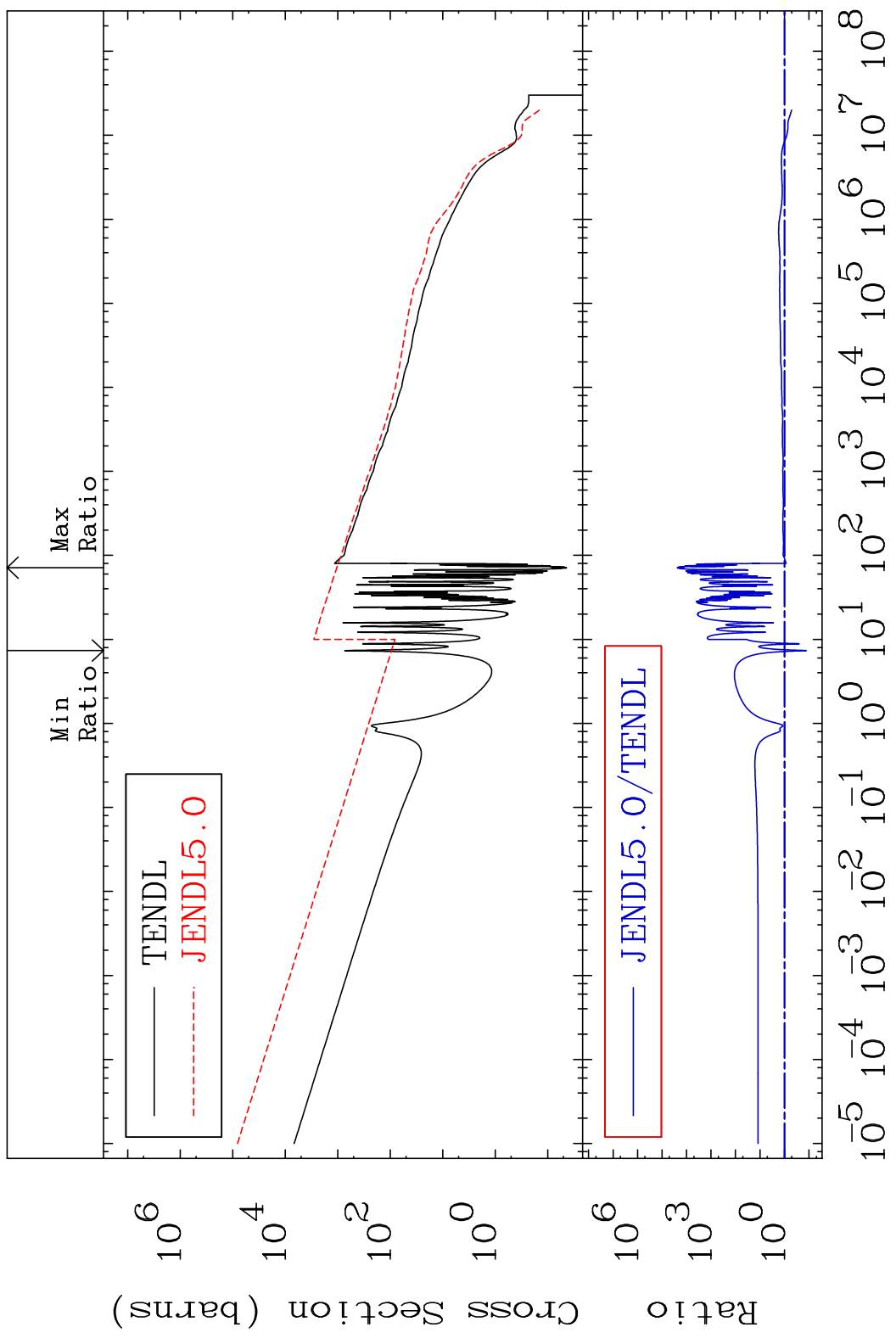
53 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma fission (mt18 or mt19-20-21-35) - Te-121m  
 Cross Section -88.59 To 9999. %



MAT 5229

Kerma capture (mt102) 52-Te-121m  
Cross Section -87.29 To 9999. %

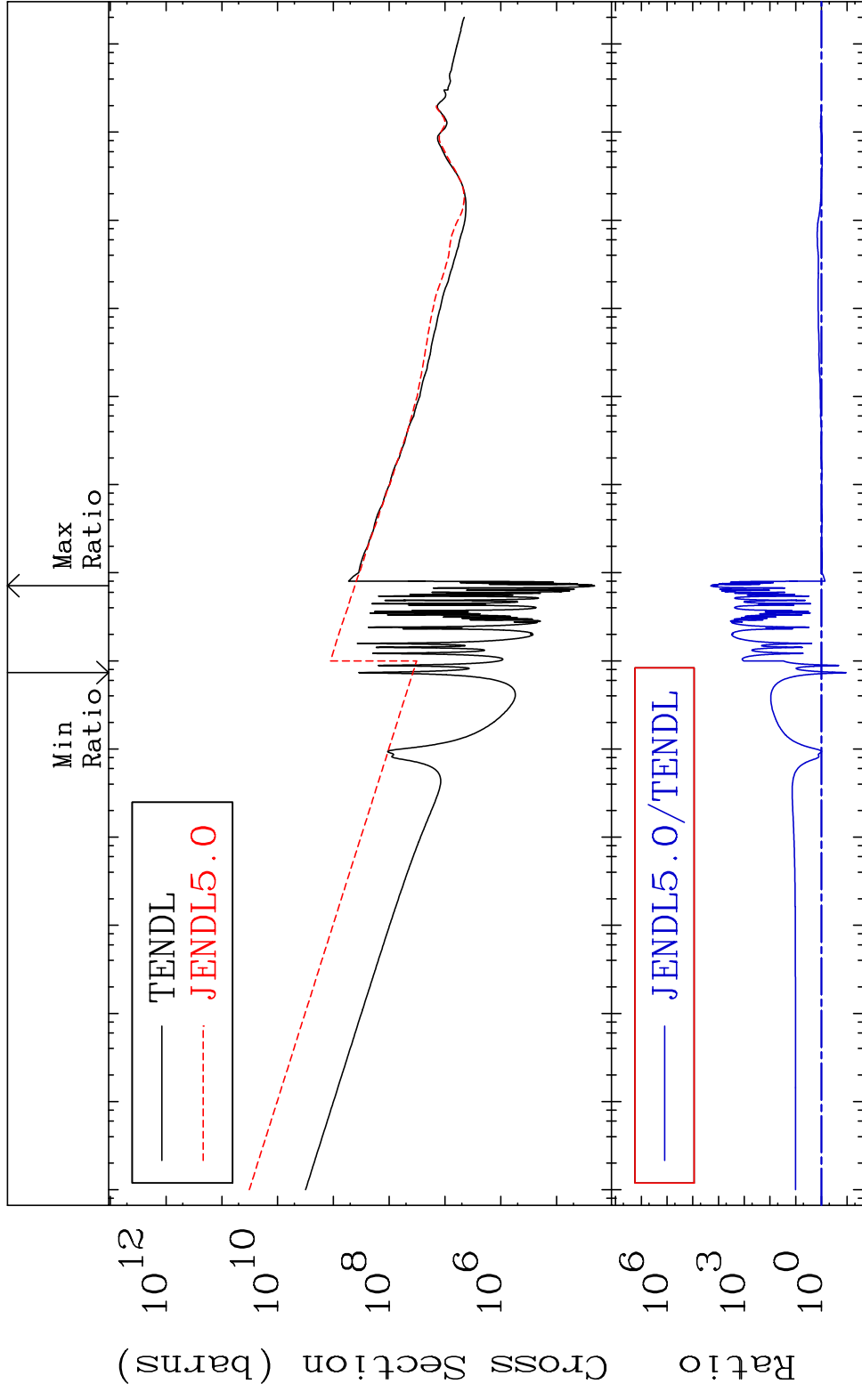


55

Incident Energy (eV) 52-Te-121m

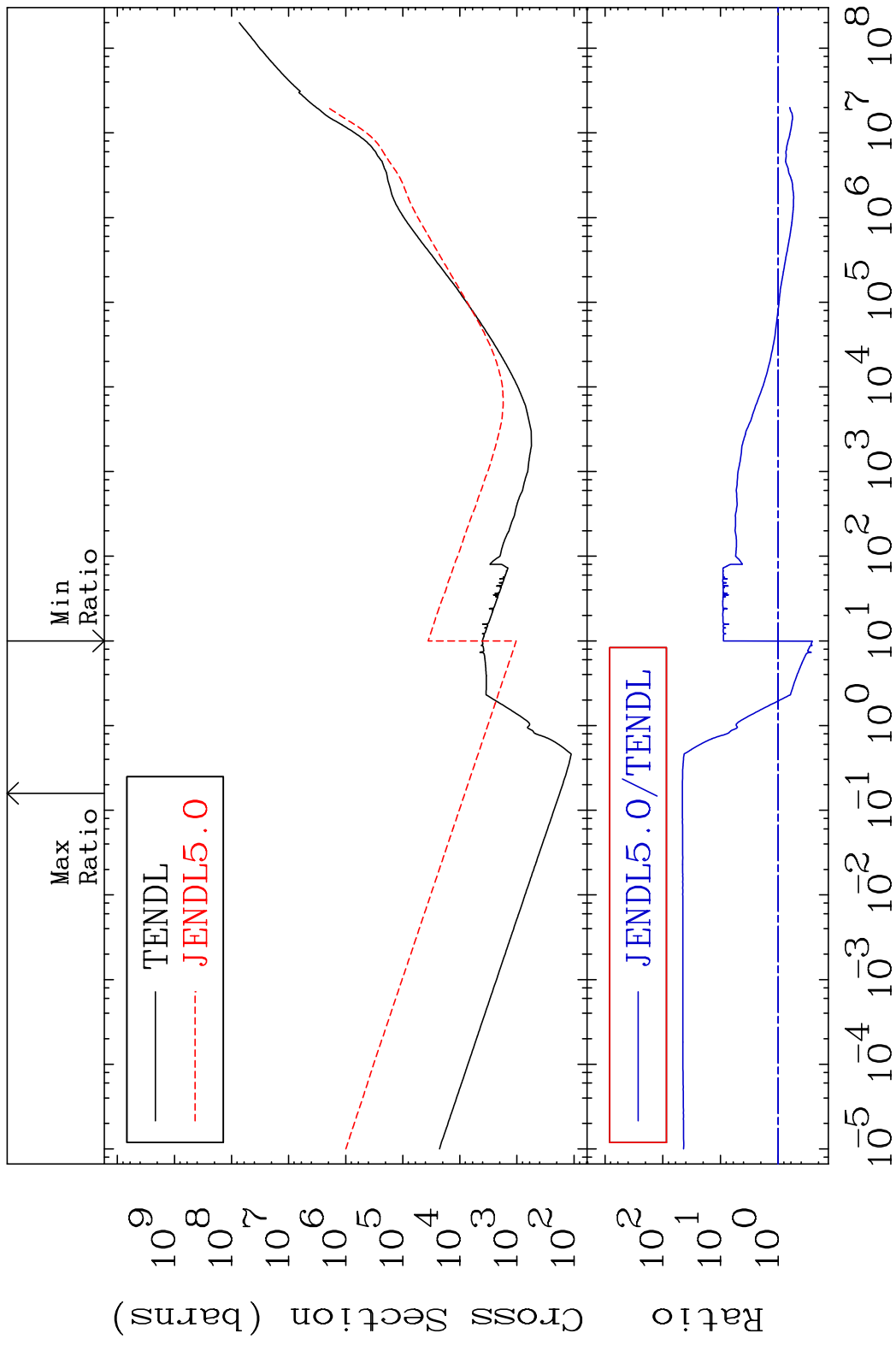


MAT 5229 Total photon (eV-barns) 52-Te-121m  
 Cross Section -89.20 To 9999. %

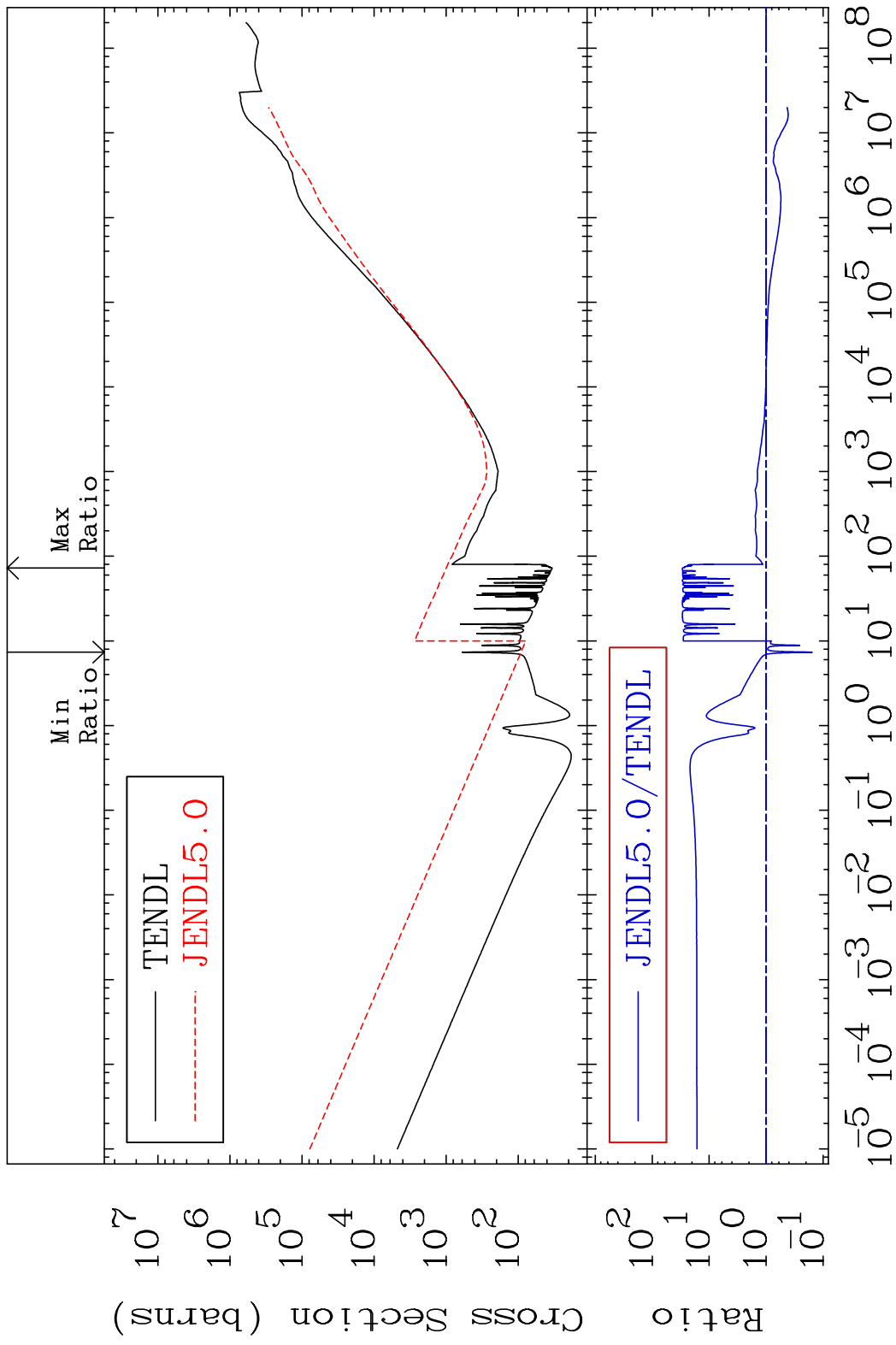


56 Incident Energy (eV) 52-Te-121m

MAT 5229 Total kinematic kerma (high limit)52-Te-121m  
 Cross Section -74.55 To 4483. %



MAT 5229      Dpa total (eV-barns)      52-Te-121m  
 Cross Section      -84.65 To 2856. %



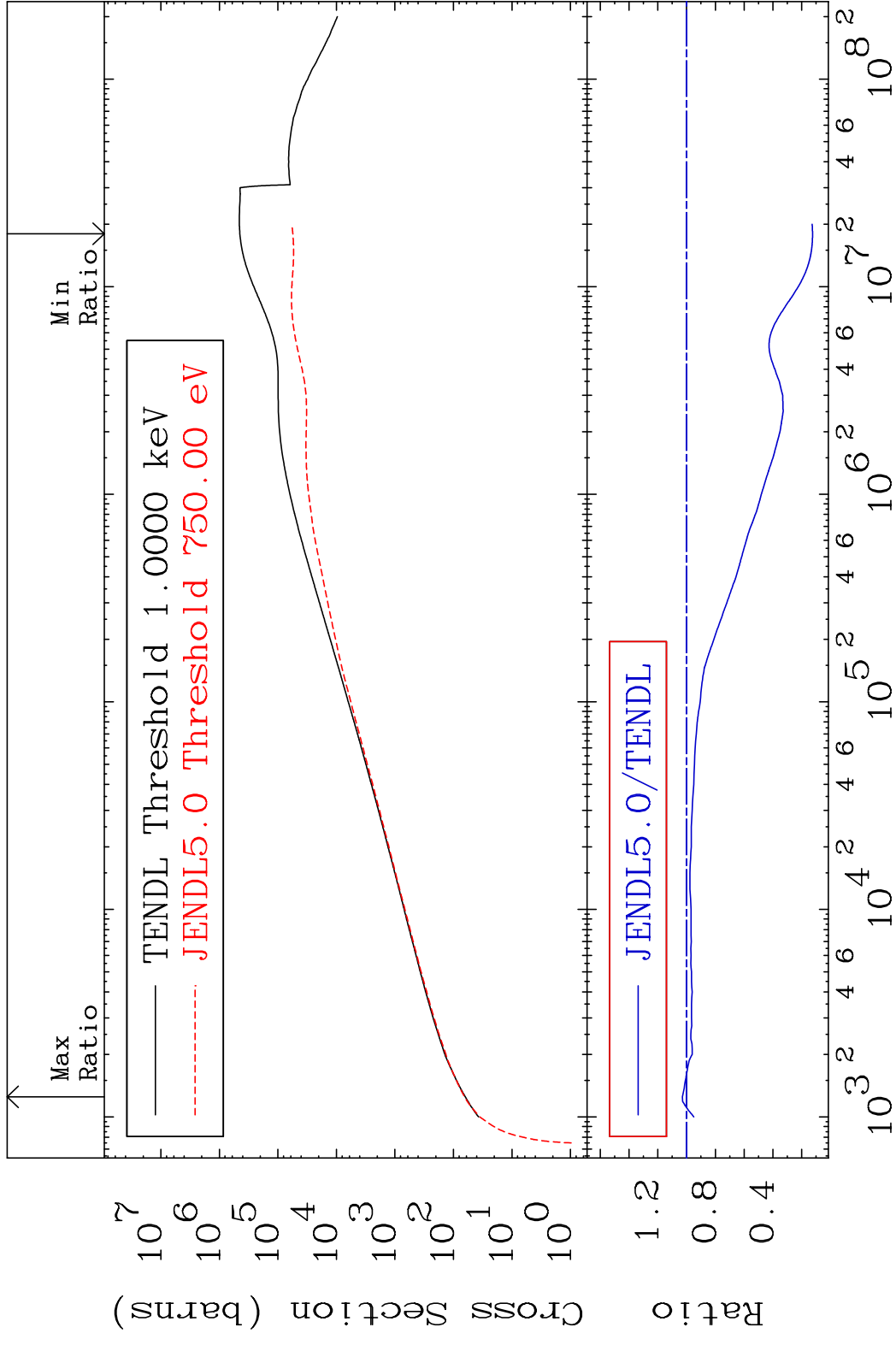
MAT 5229

Dpa elastic (mt2)

52-Te-121m

Cross Section

-87.58 To 2.940 %

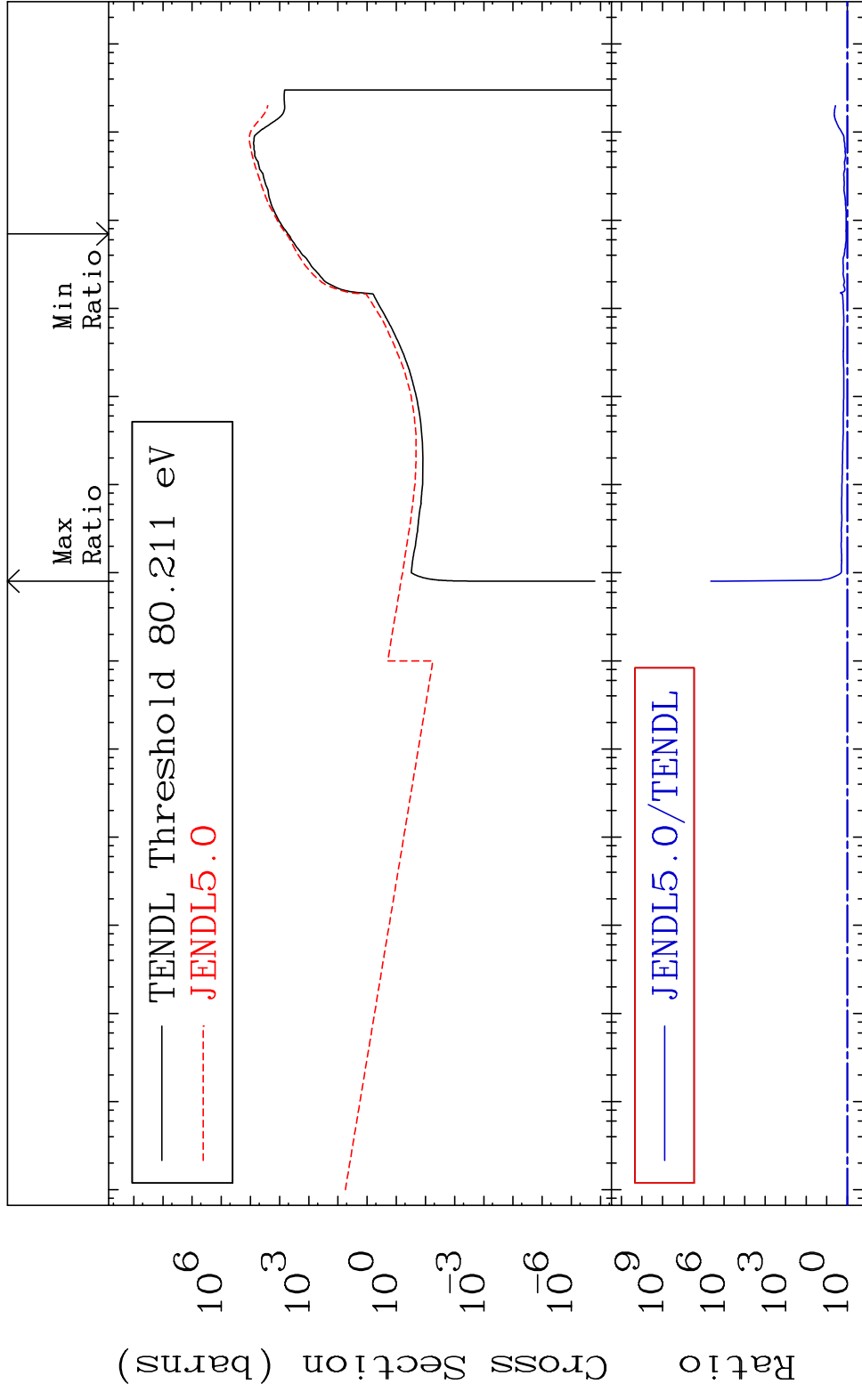


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Incident Energy (eV)

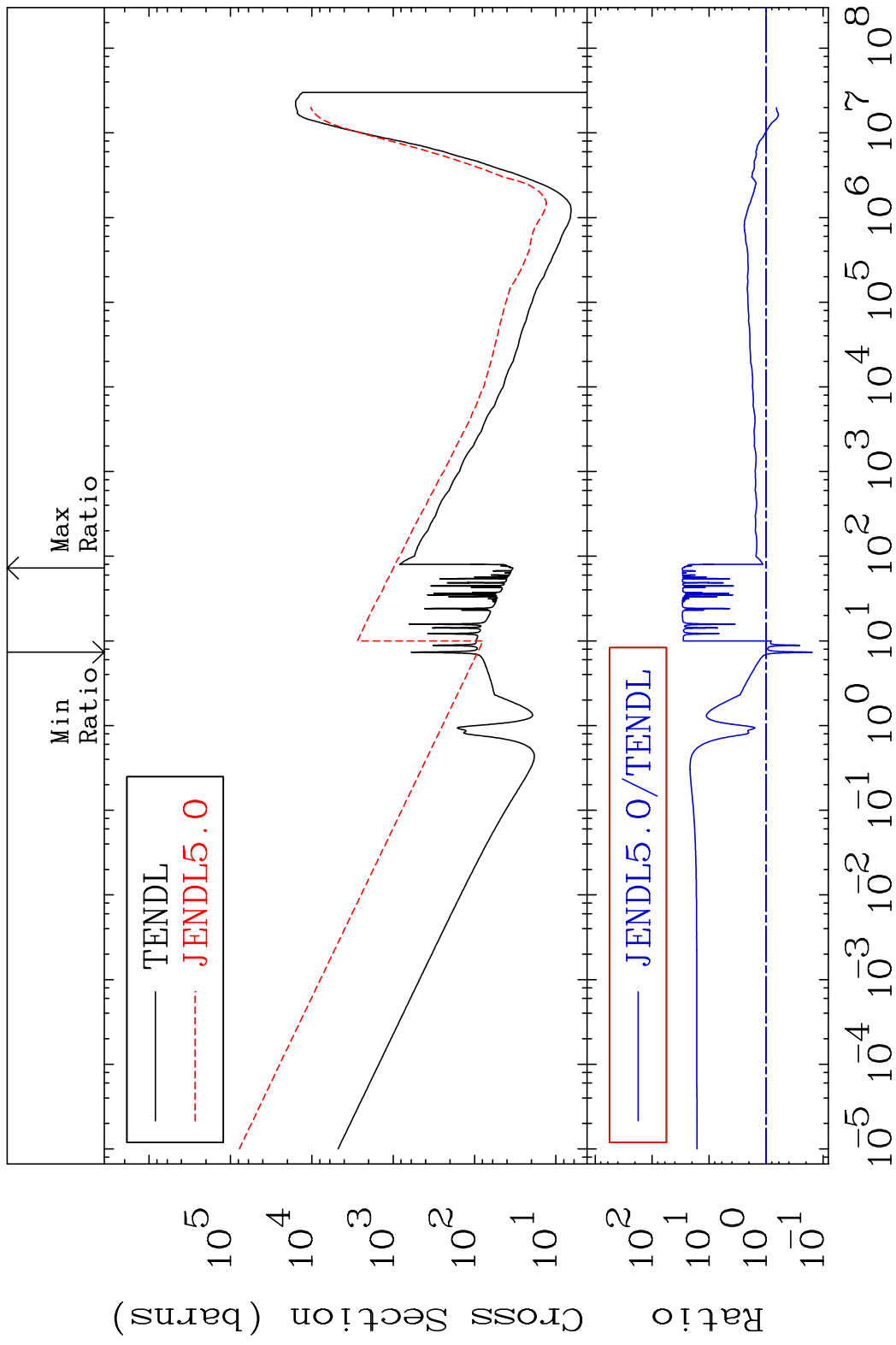
52-Te-121m

MAT 5229      Dpa inelastic (mt51-91)      52-Te-121m  
 Cross Section      11.73      To 9999. %



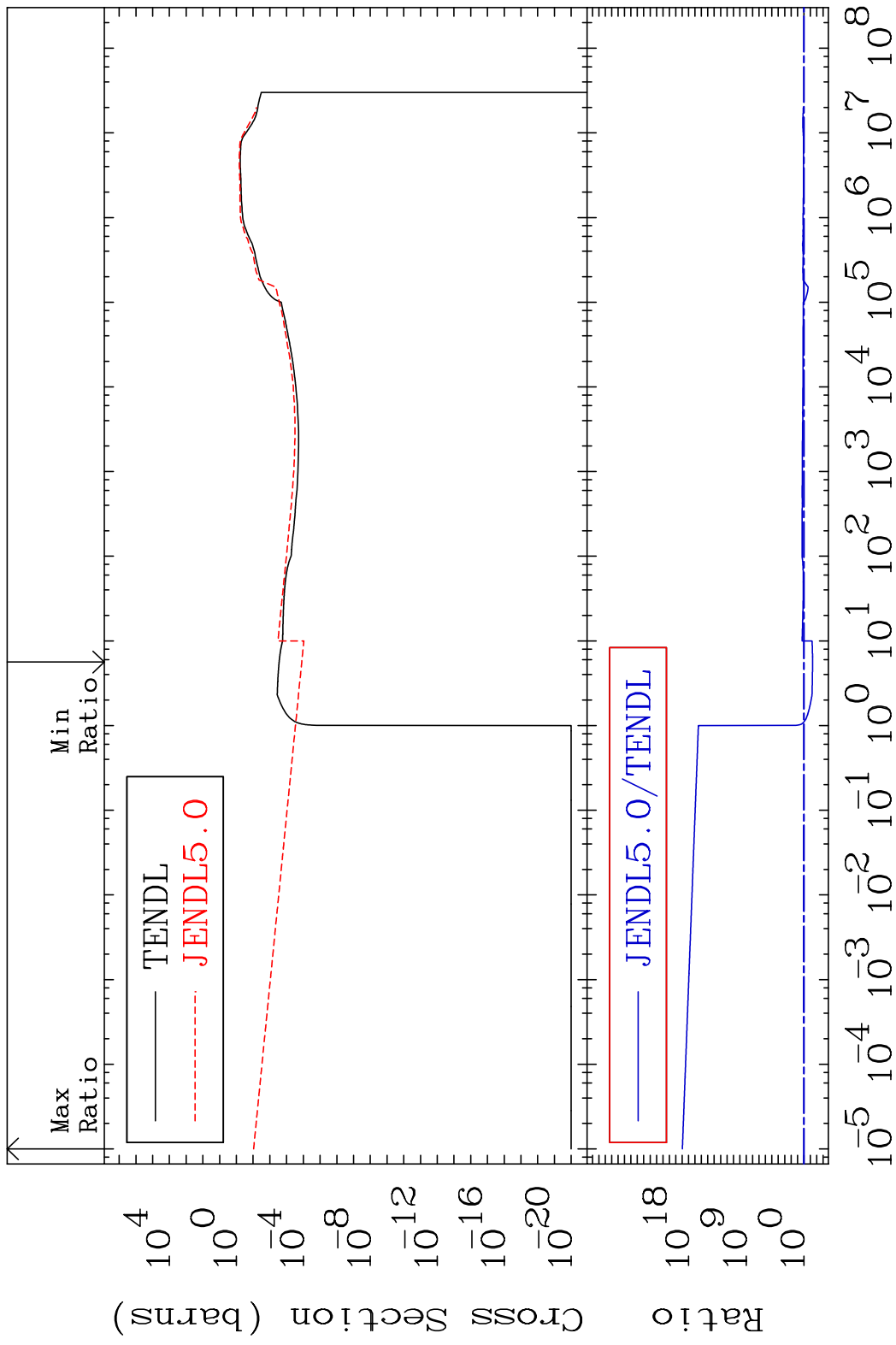
60      Incident Energy (eV)      52-Te-121m

MAT 5229 Dpa disappearance (mt102 -120) 52-Te-121m  
 Cross Section -84.66 To 2854. %



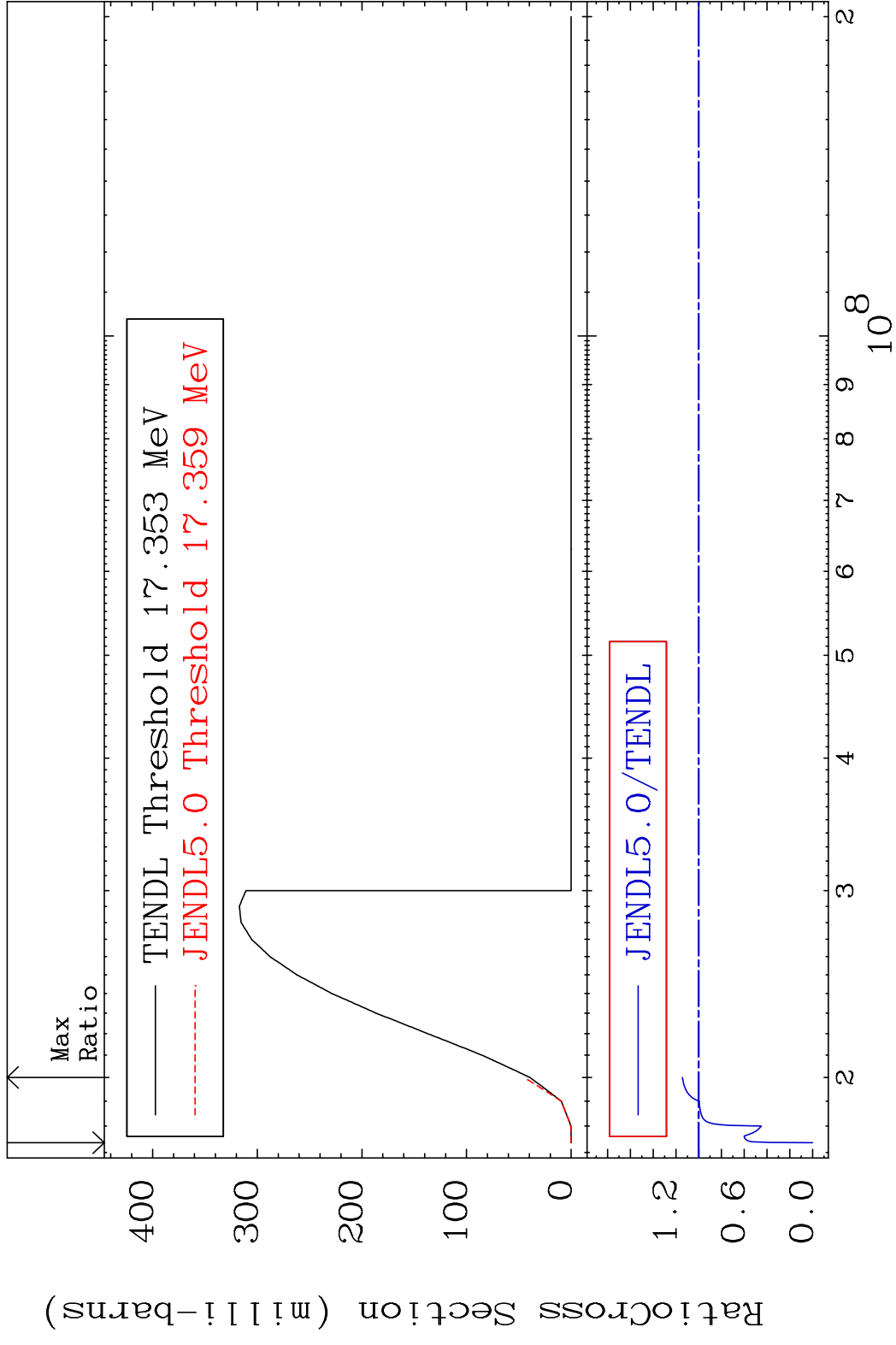
61 Incident Energy (eV) 52-Te-121m

MAT 5229 Inelastic:52-Te-121g 52-Te-121m  
 Radionuclide Production Cross Section 950510 9999. %



62 Incident Energy (eV) 52-Te-121m

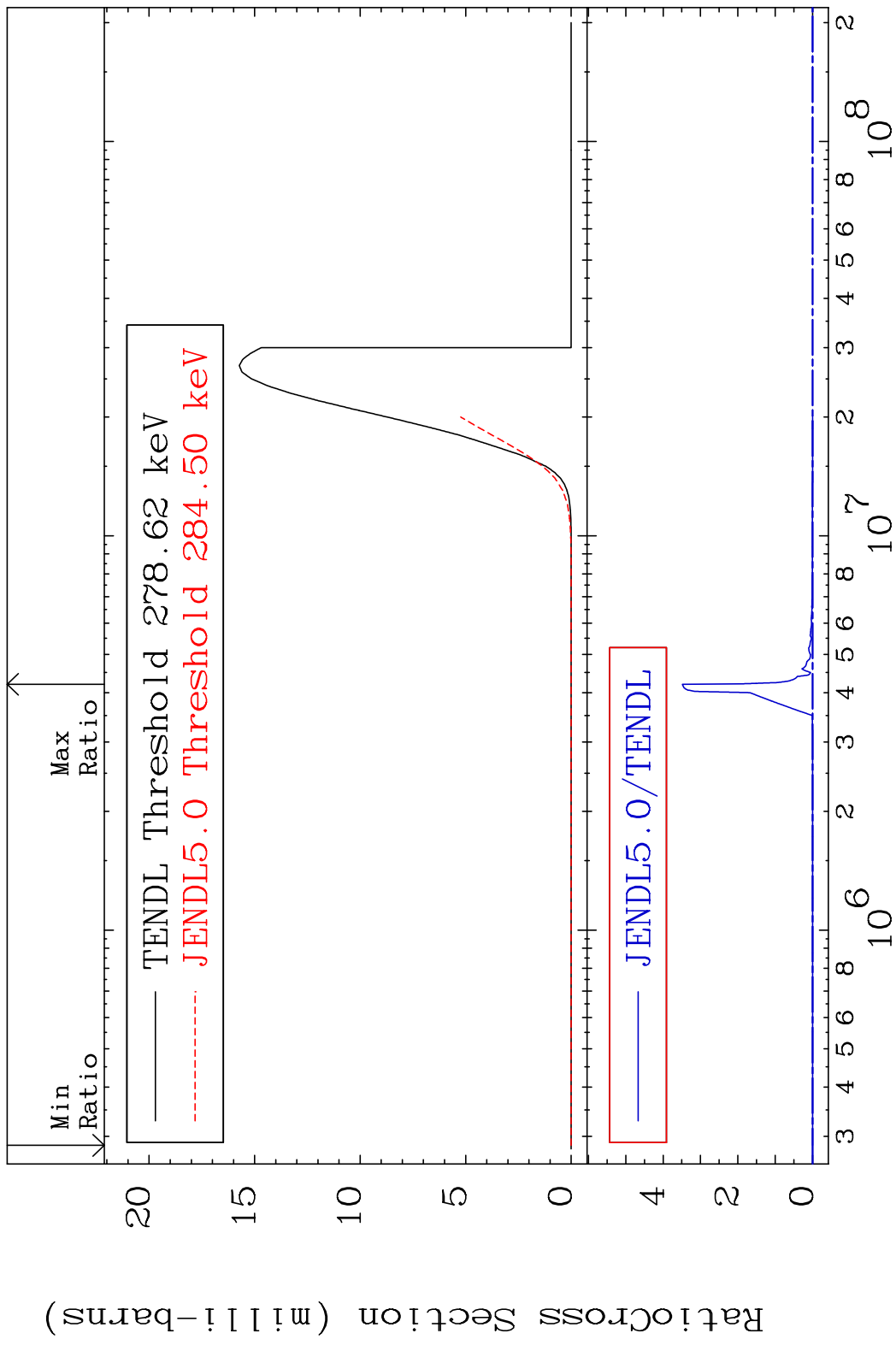
MAT 5229 (n,3n):52-Te-119g 52-Te-121m  
 Radionuclide Production Cross Section 180.0 mb 14.35 %



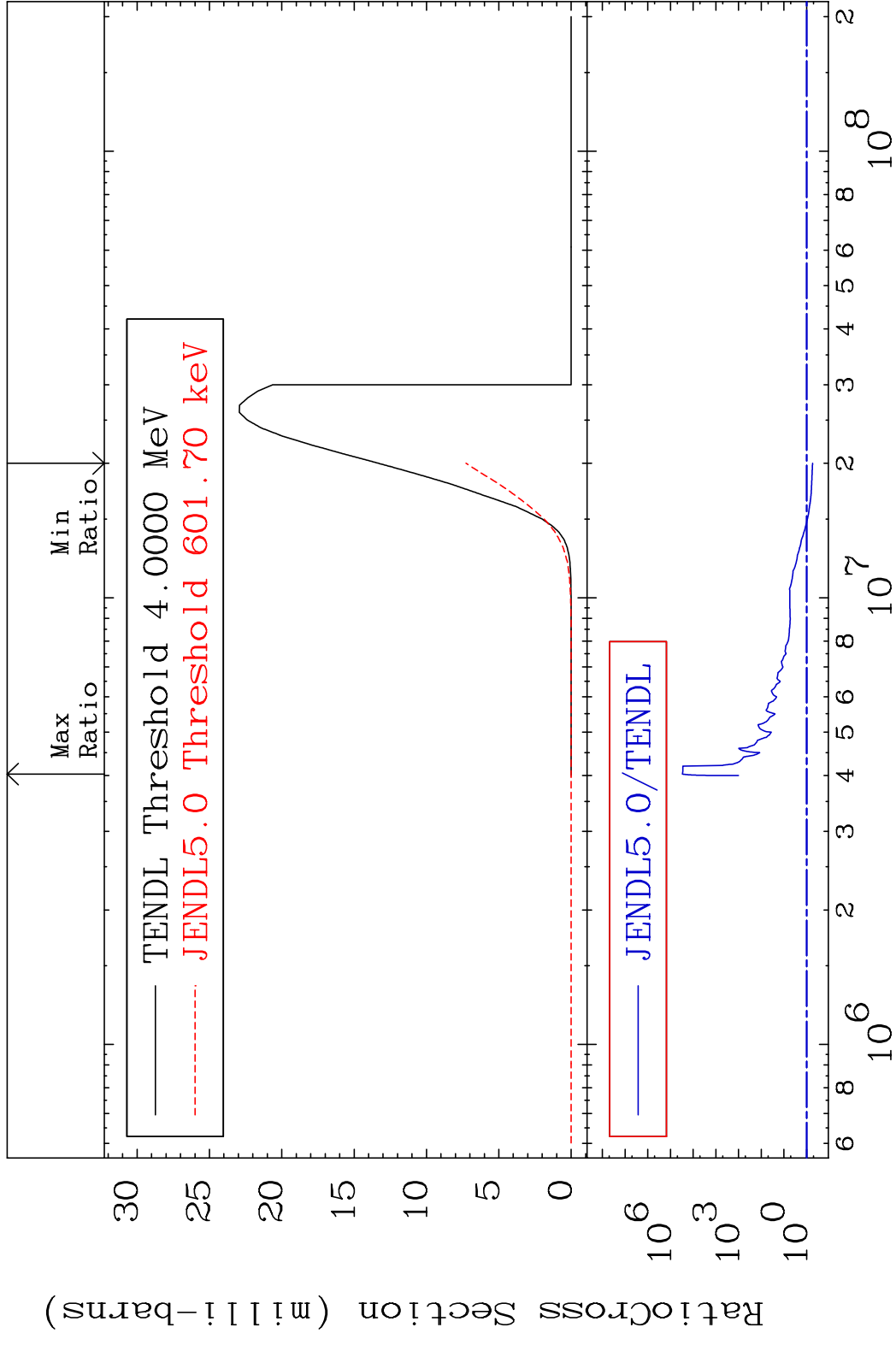




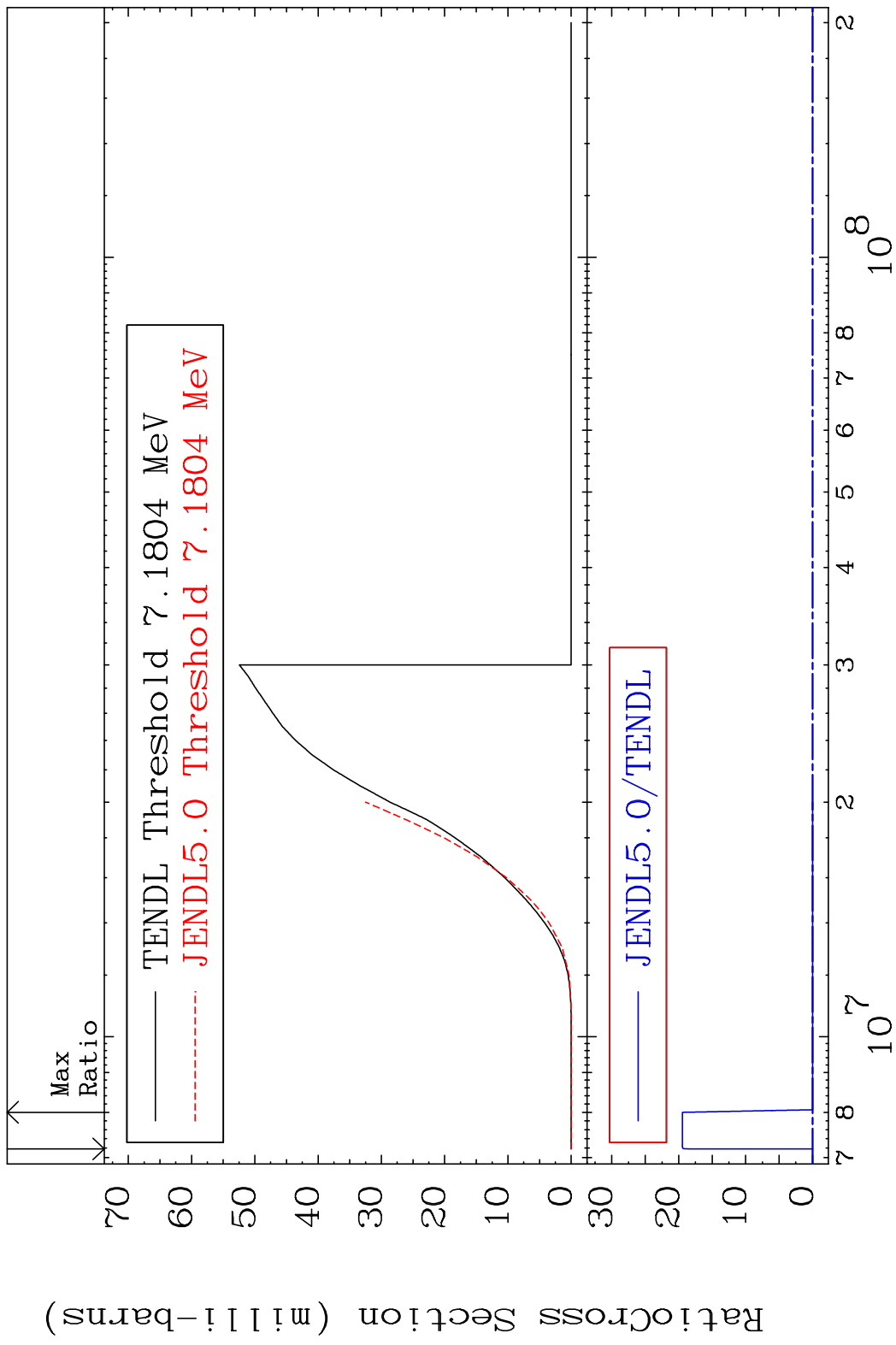
MAT 5229 (n, n')  $\alpha$ :50-Sn-117g 52-Te-121m  
 Radionuclide Production Cross Section 100.00 to 9999.00 %



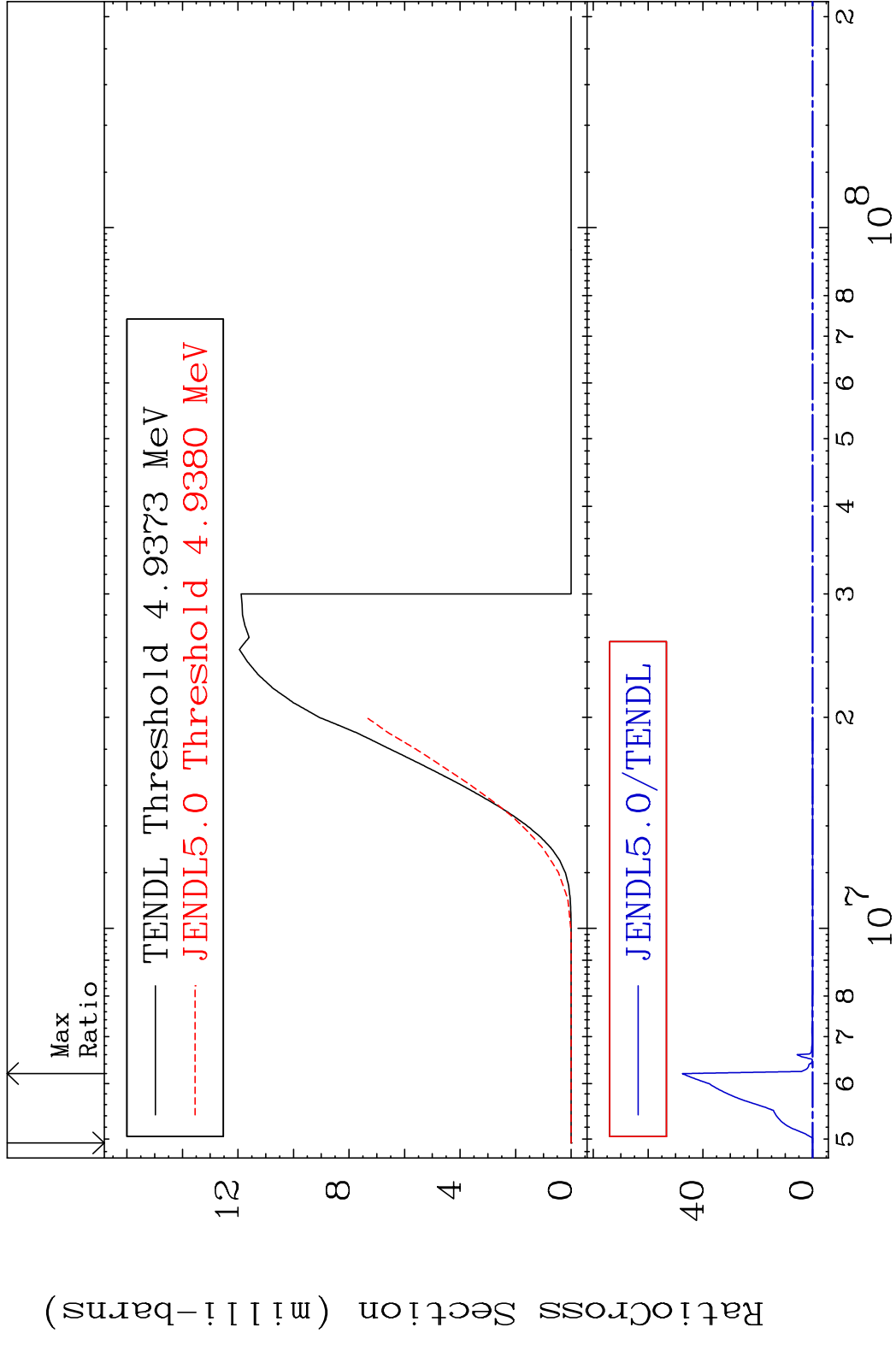
MAT 5229 (n, n')  $\alpha$ :50-Sn-117m2 52-Te-121m  
 Radionuclide Production Cross Section to 9999. %



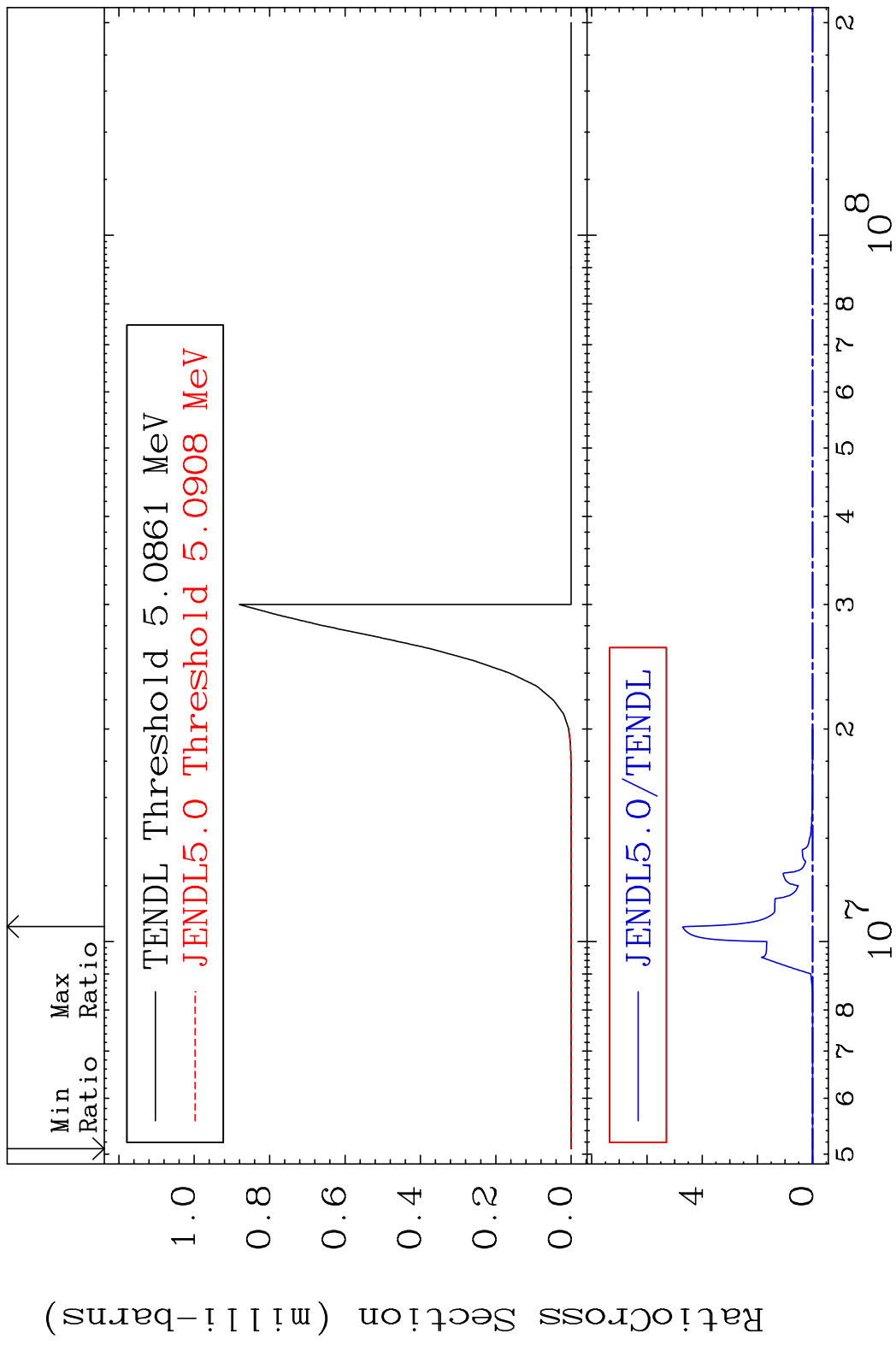
MAT 5229 (n, n') p:51-Sb-120g 52-Te-121m  
 Radionuclide Production Cross Section to 9999. %



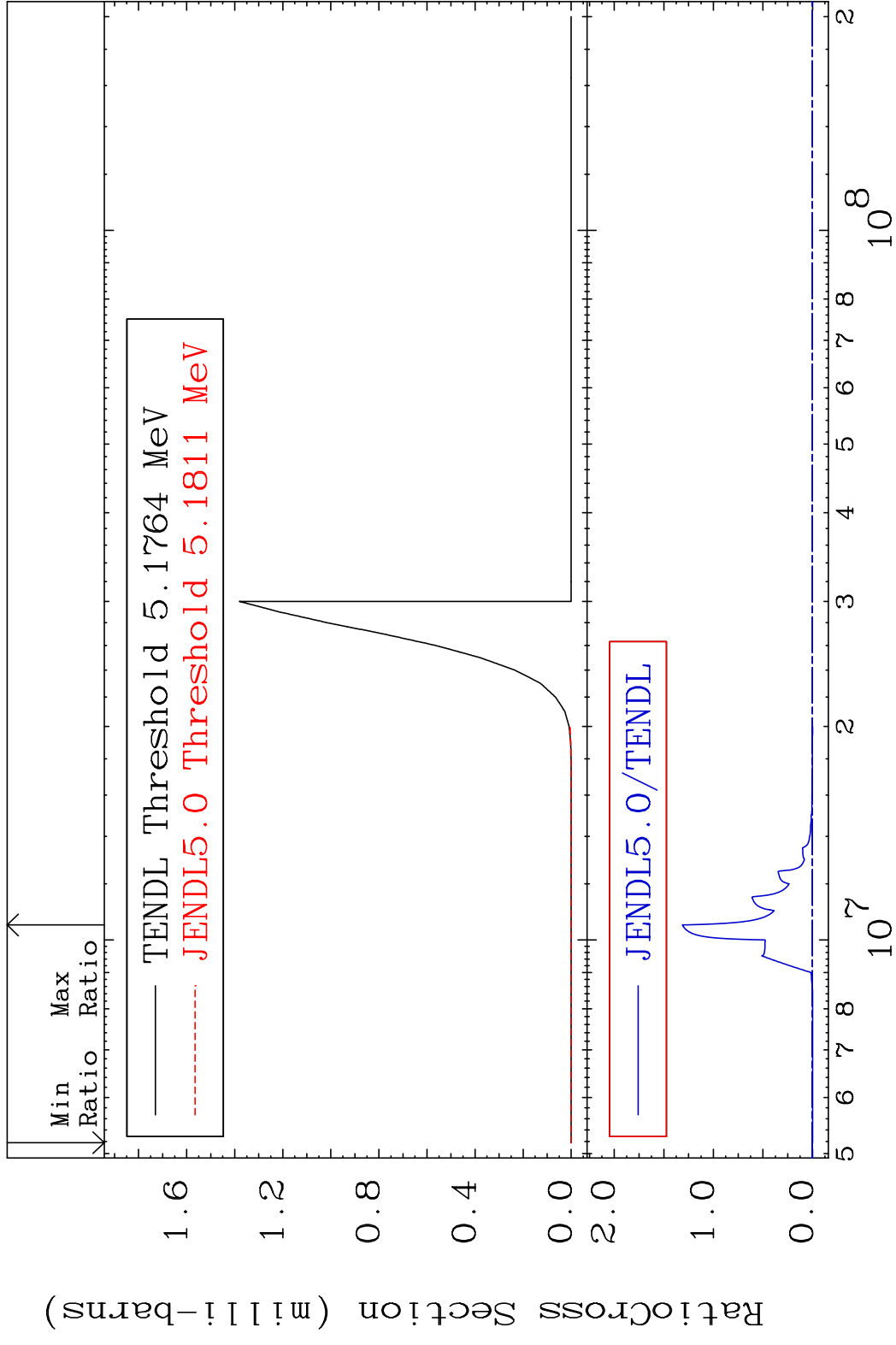
MAT 5229 (n,d):51-Sb-120g 52-Te-121m  
 Radionuclide Production Cross Section 100.00 % 9999. %



MAT 5229 (n, He-3):50-Sn-119g 52-Te-121m  
 Radionuclide Production Cross Section to 9999. %



MAT 5229 (n, He-3):50-Sn-119m2 52-Te-121m  
 Radionuclide Production Cross Section to 9999. %



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Incident Energy (eV)

52-Te-121m