

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

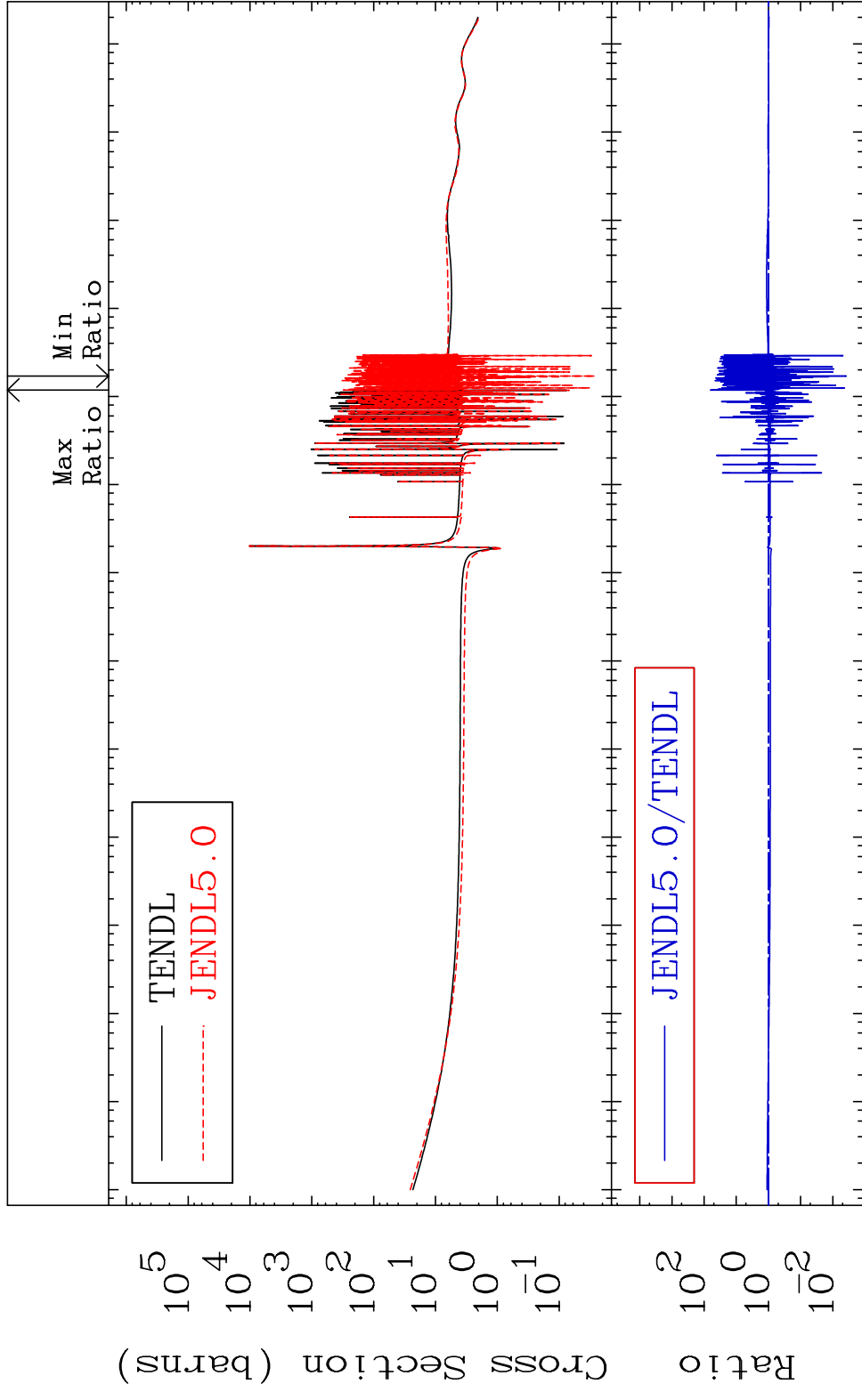
MAT 5243

Total

52-Te-126

Cross Section

-99.62 To 6129. %



1

Incident Energy (eV)

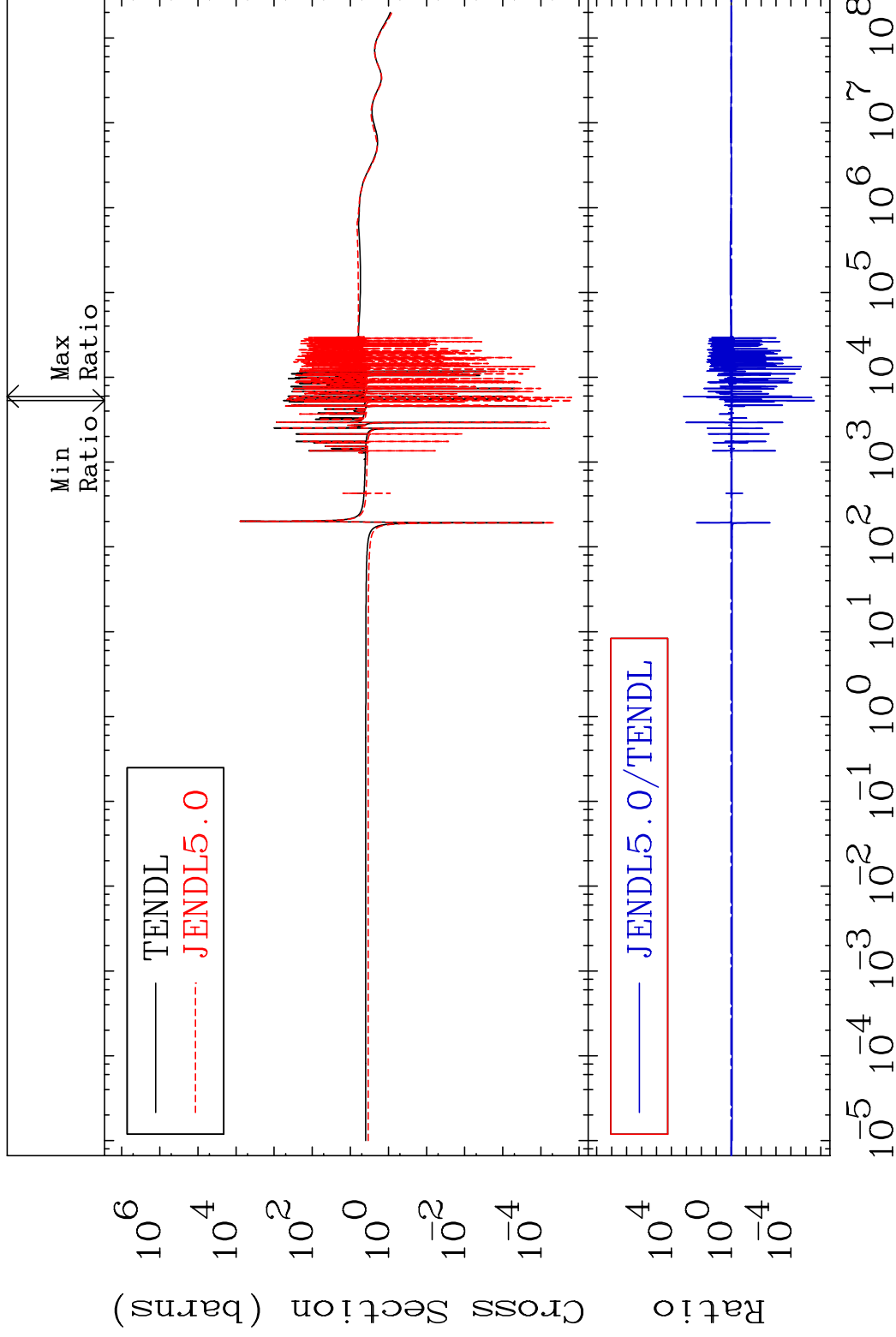
52-Te-126

MAT 5243

Elastic

52-Te-126

Cross Section -100.0 To 9999. %

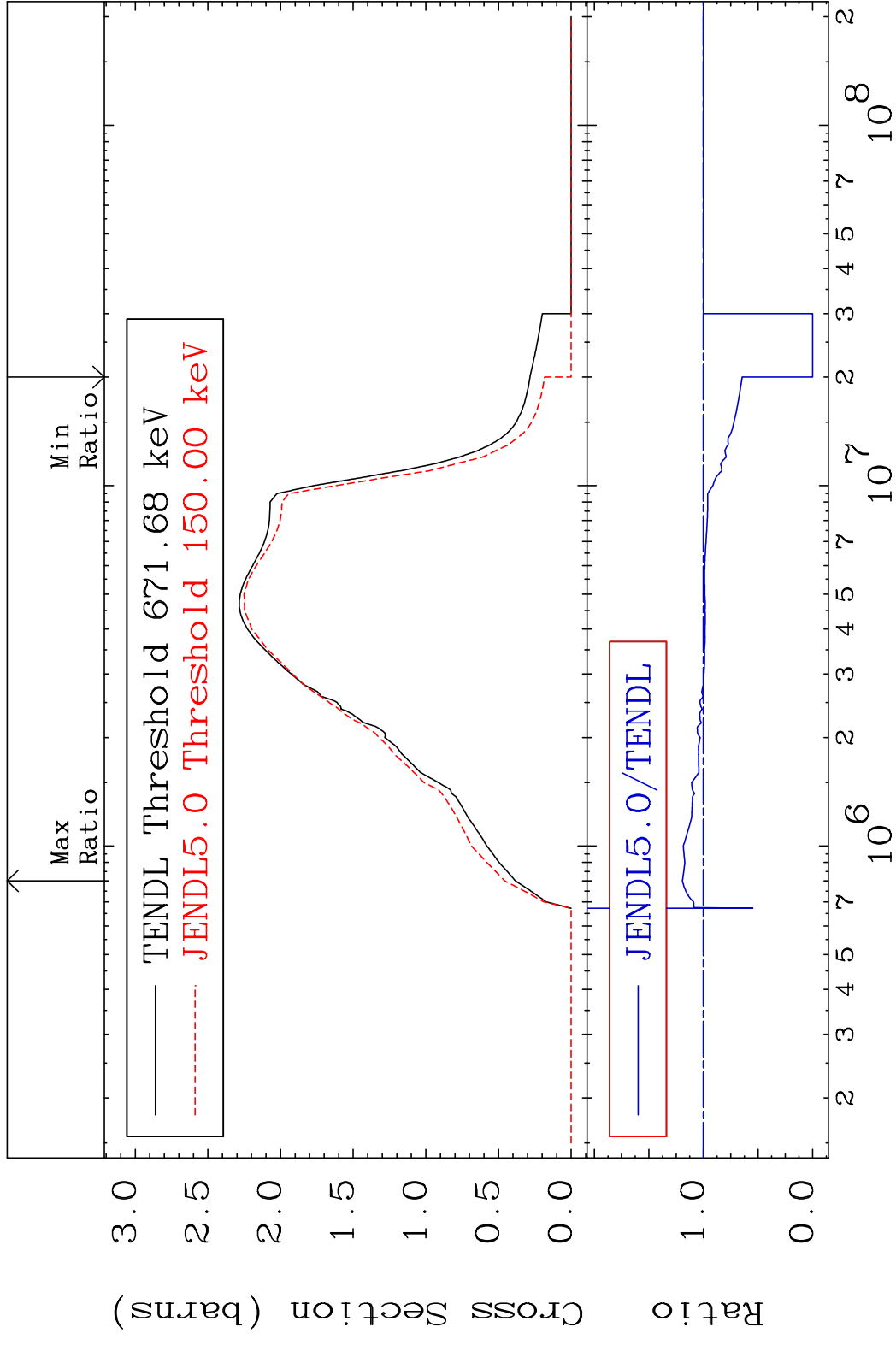


2

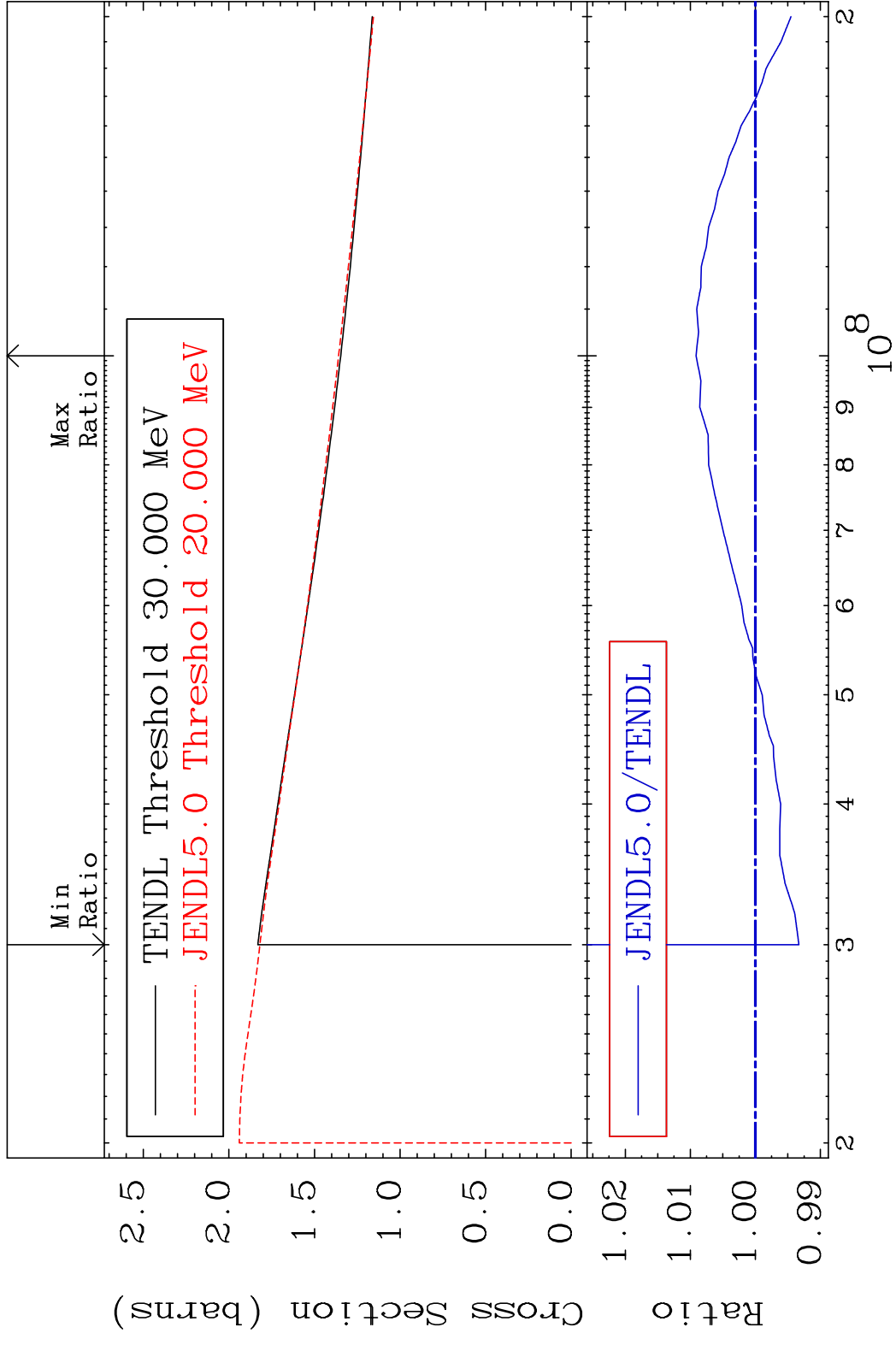
Incident Energy (eV)

52-Te-126

MAT 5243 Inelastic 52-Te-126  
 Cross Section -100.0 To 19.31 %



MAT 5243 (n, remainder) 52-Te-126  
 Cross Section -0.670 To 0.912 %

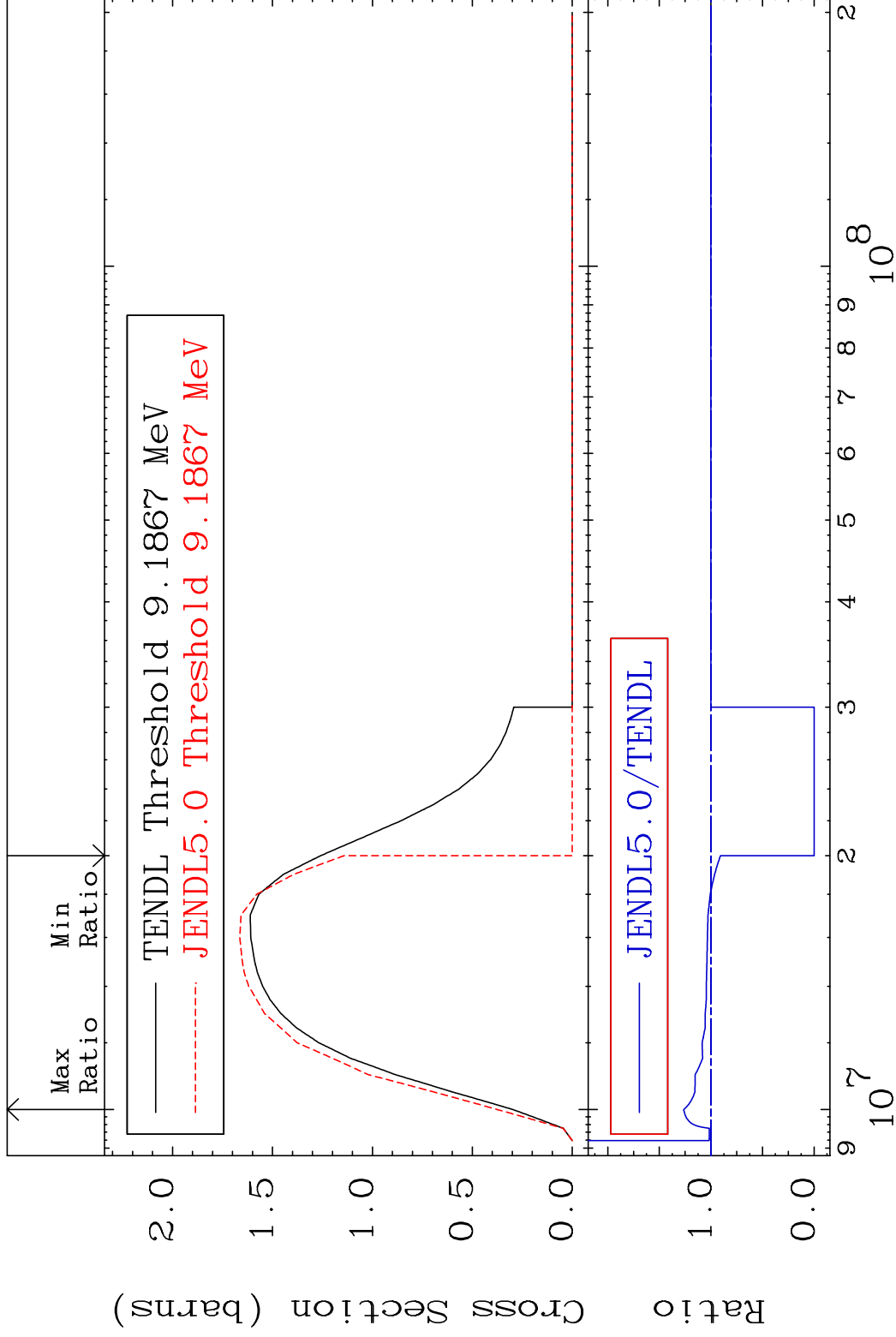


MAT 5243

(n,2n)

52-Te-126

Cross Section -100.0 To 26.43 %



5

Incident Energy (eV)

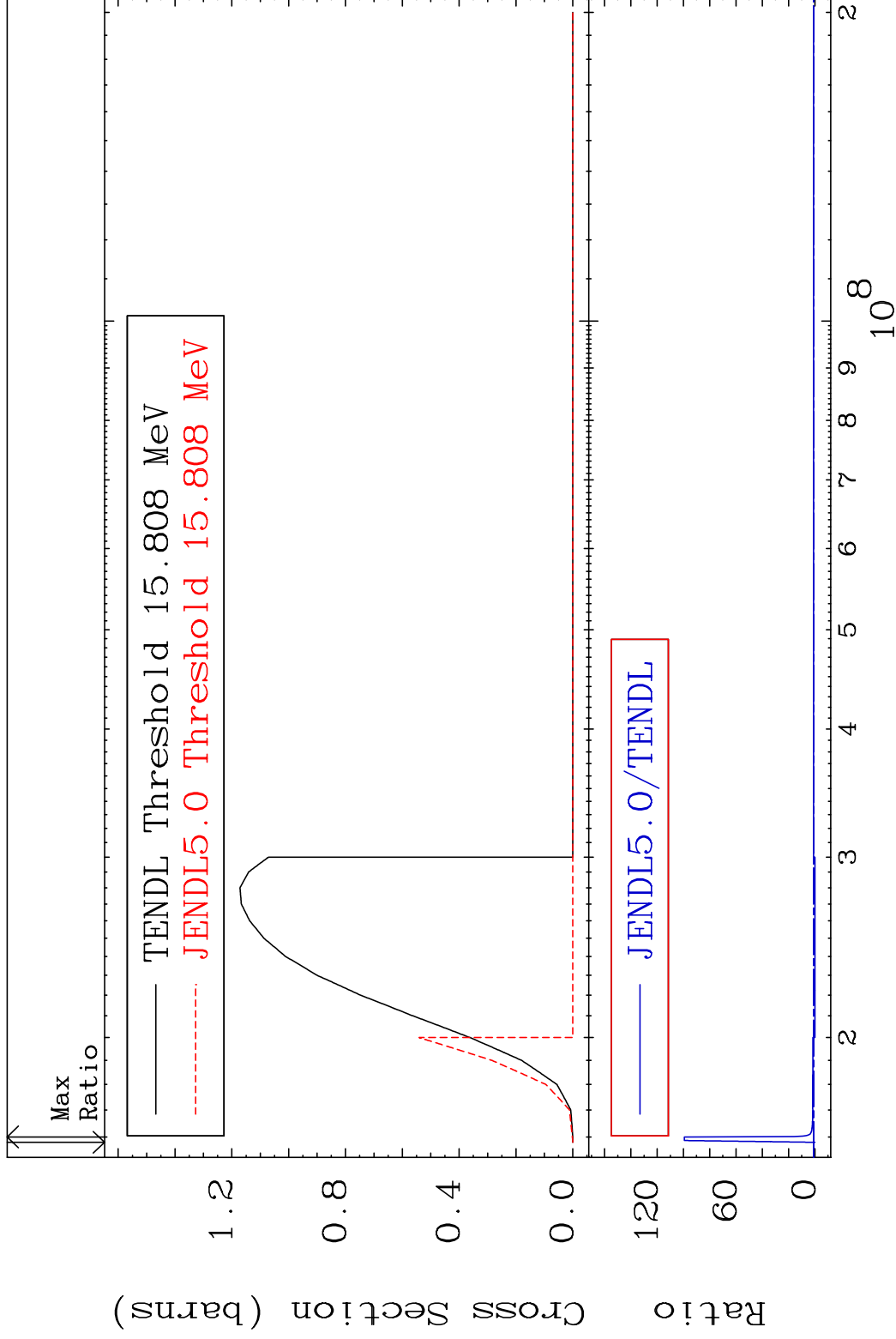
52-Te-126

MAT 5243

(n,3n)

52-Te-126

Cross Section -100.0 To 9833. %



6

Incident Energy (eV)

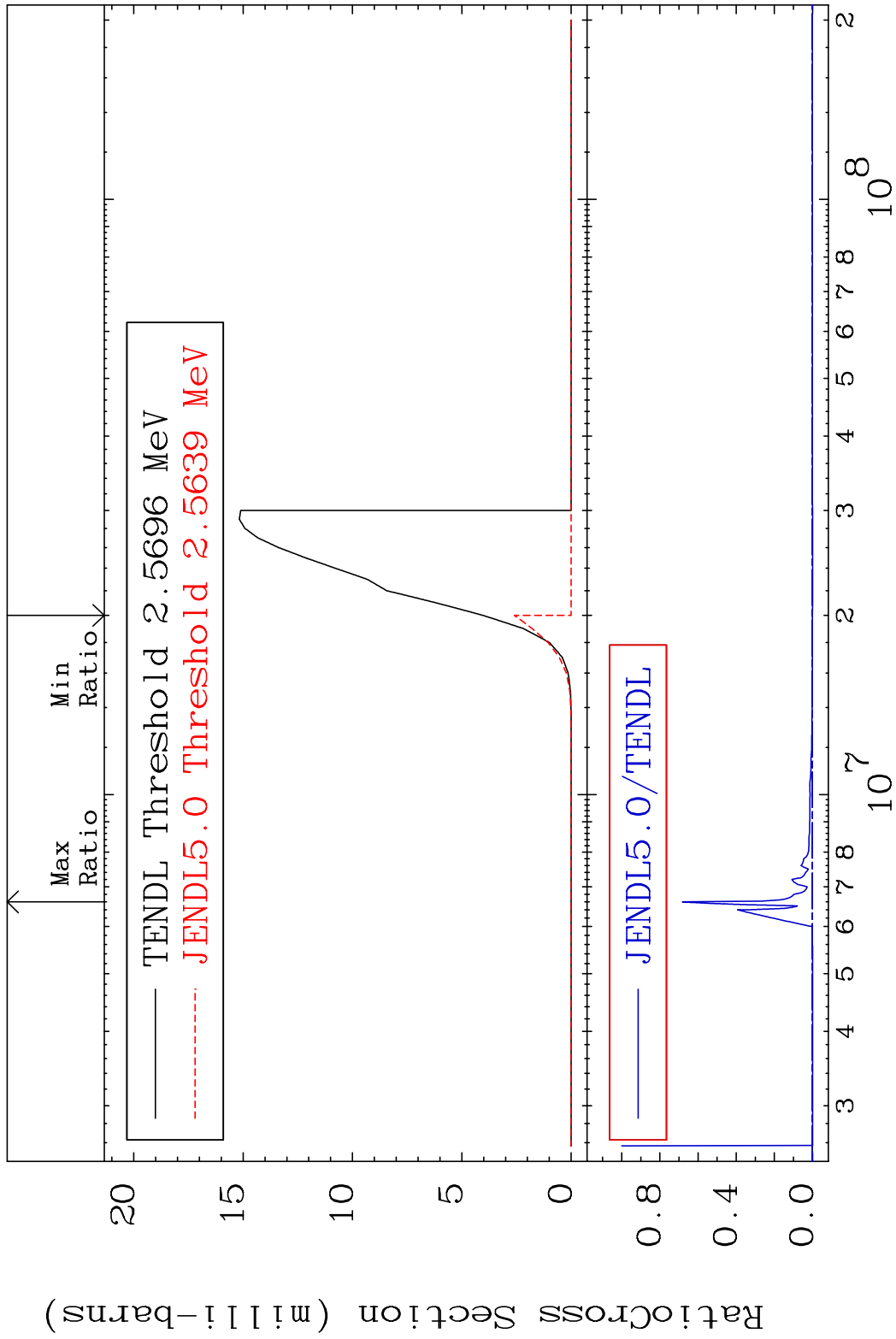
52-Te-126

MAT 5243

(n, n')  $\alpha$

52-Te-126

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

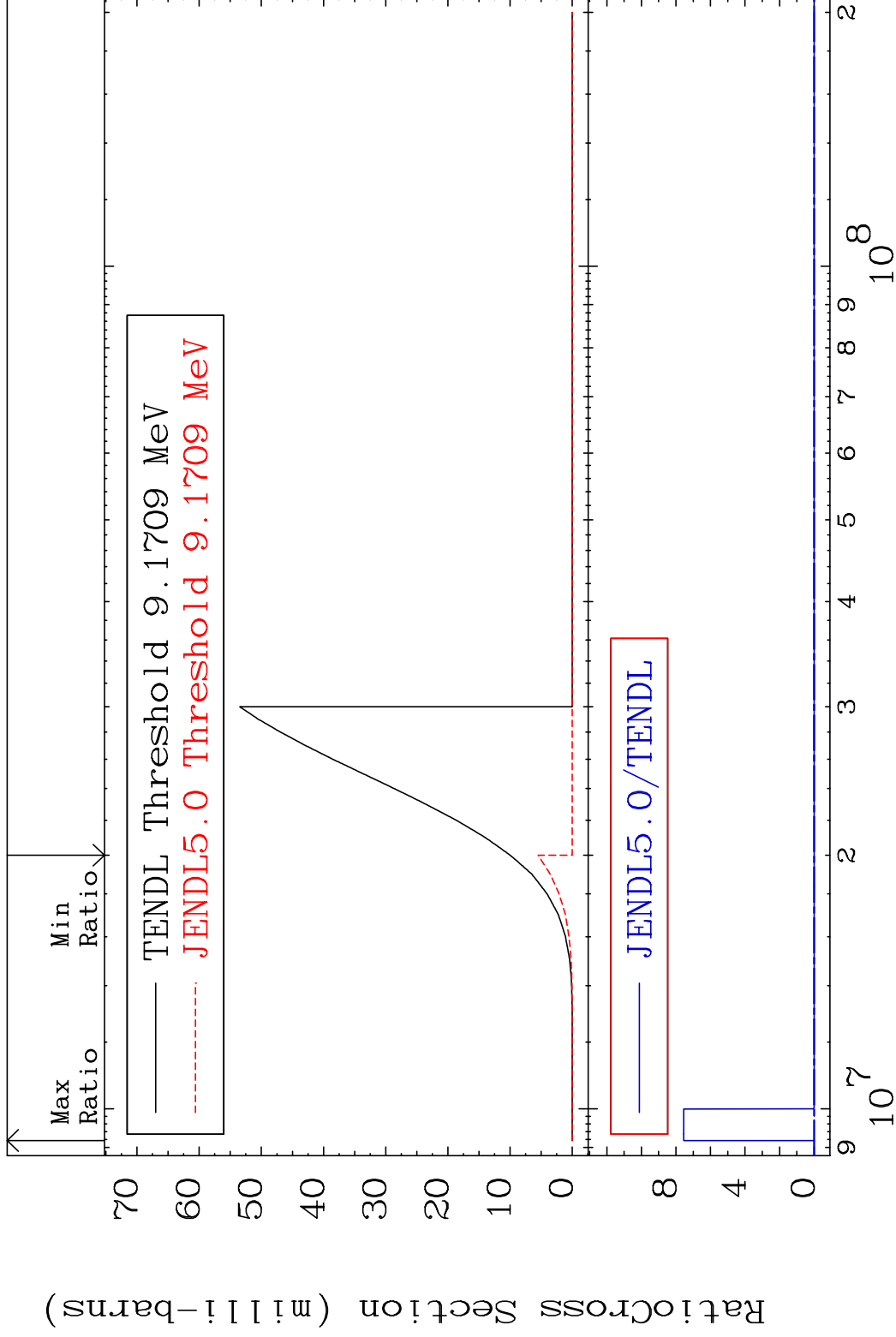
52-Te-126



MAT 5243

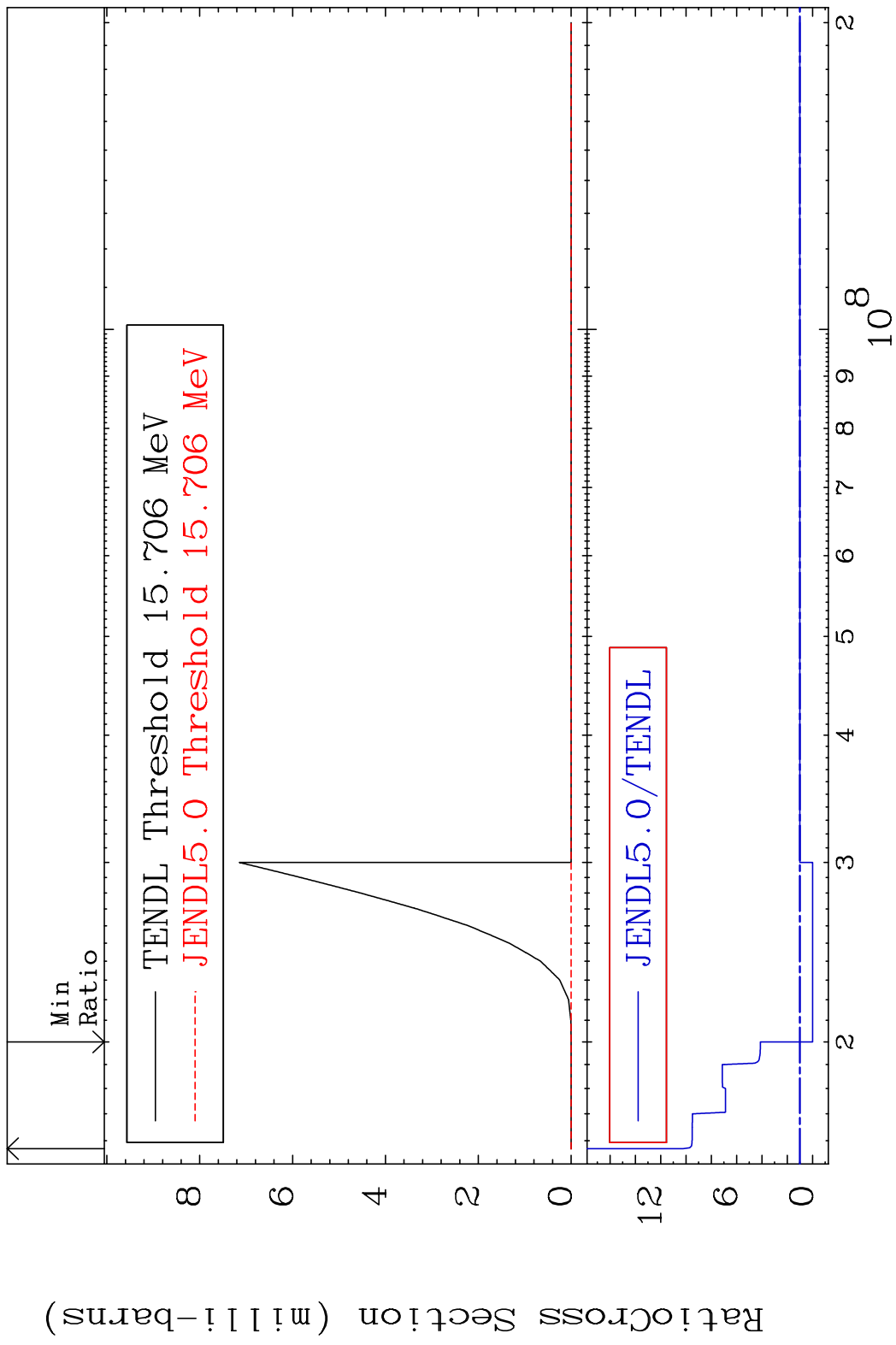
(n, n') p 52-Te-126

Cross Section -100.0 To 9999. %



8 Incident Energy (eV) 52-Te-126

MAT 5243 (n, n') d 52-Te-126  
 Cross Section -100.0 To 928.6 %

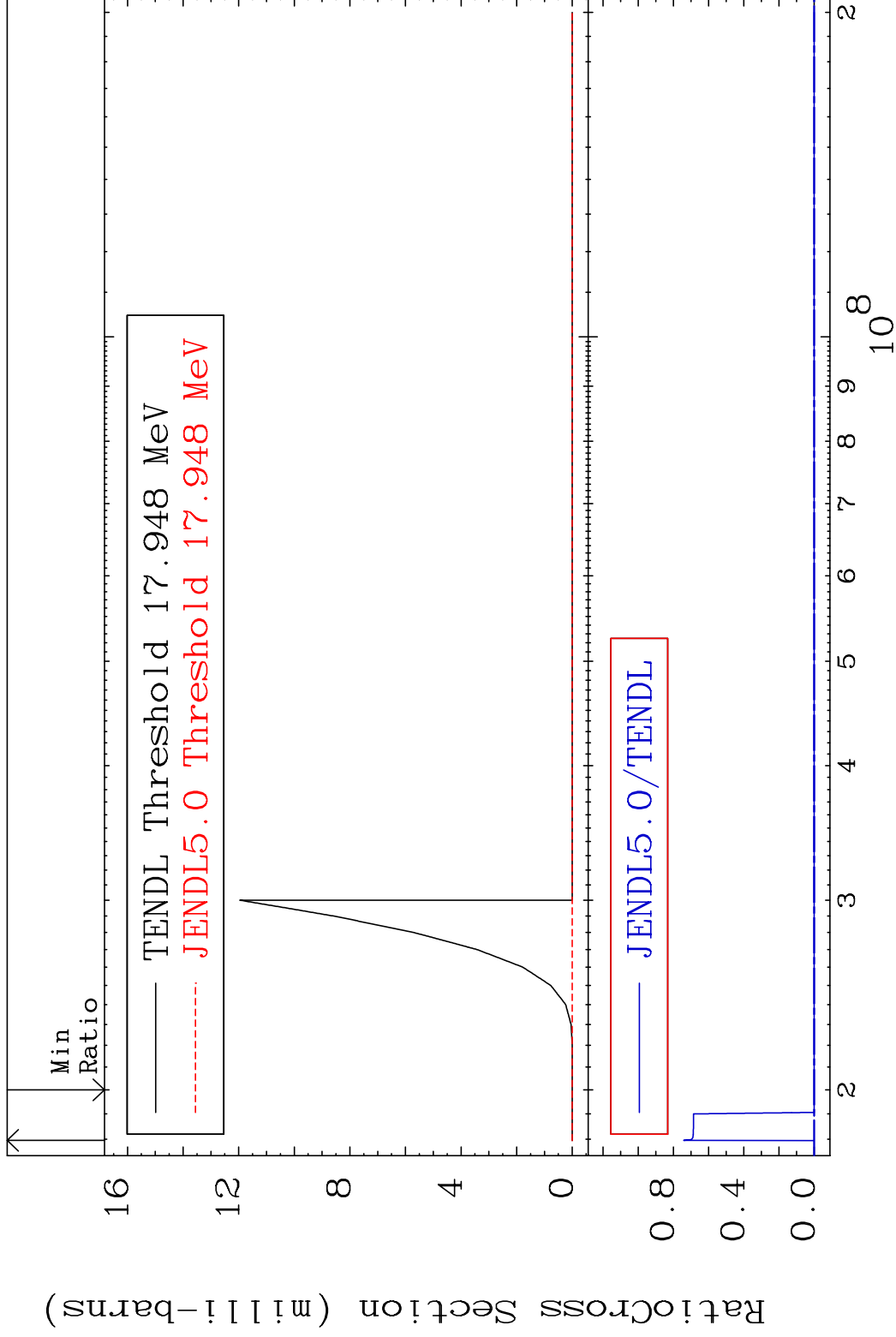


MAT 5243

(n,2n) p

52-Te-126

Cross Section -100.0 To 9999. %

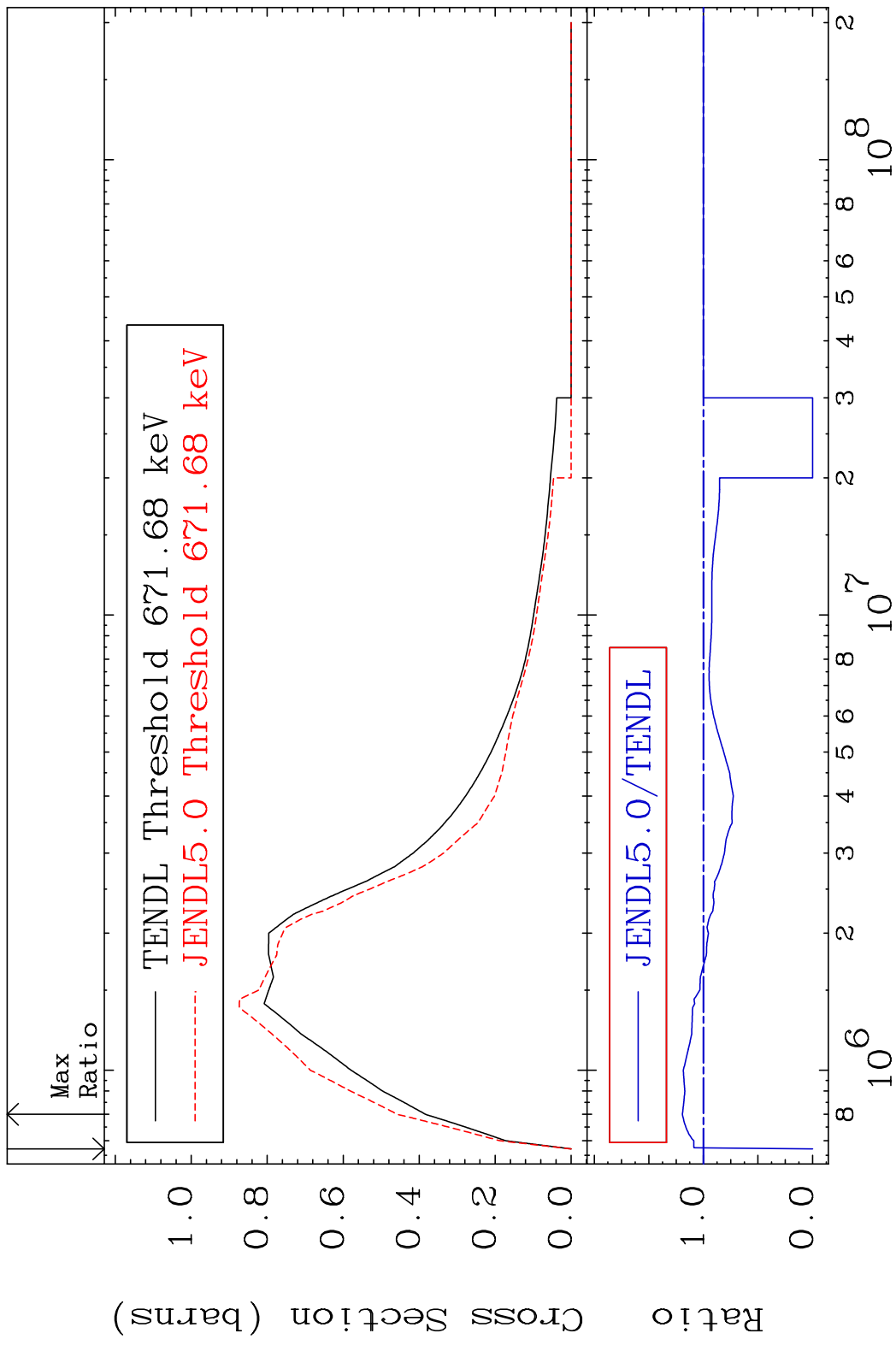


10

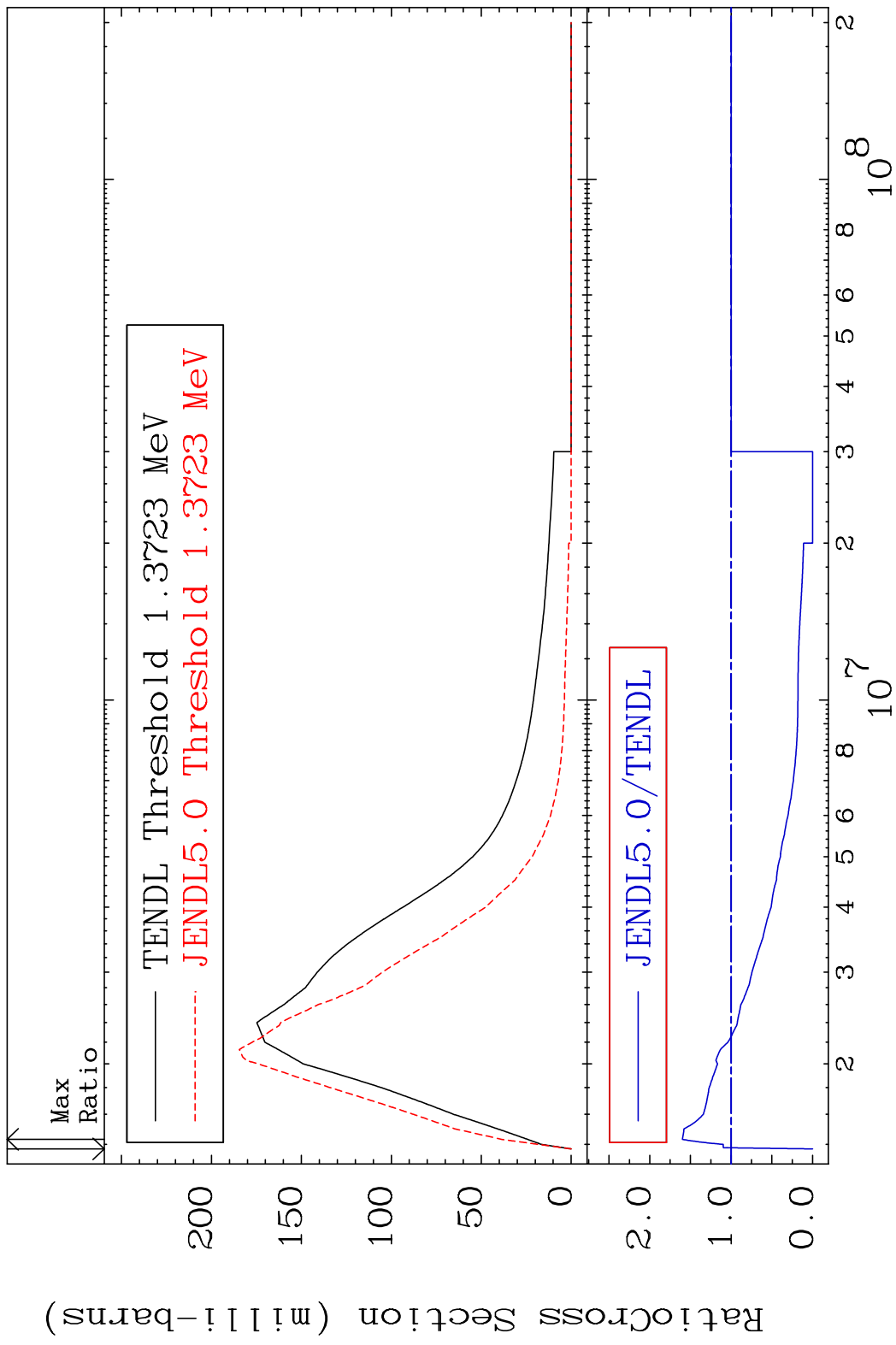
Incident Energy (eV)

52-Te-126

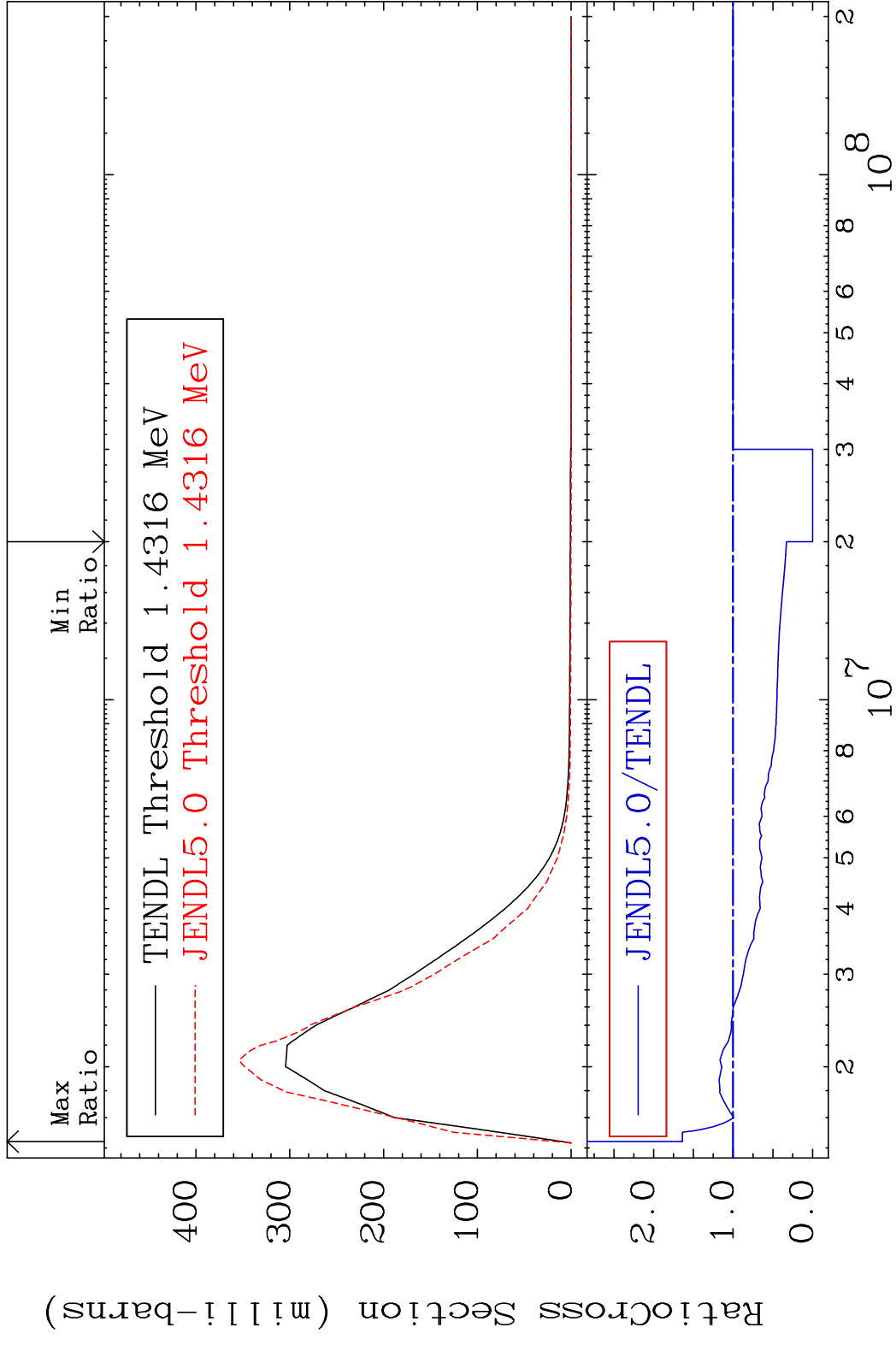
MAT 5243 MT= 51 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 19.30 %



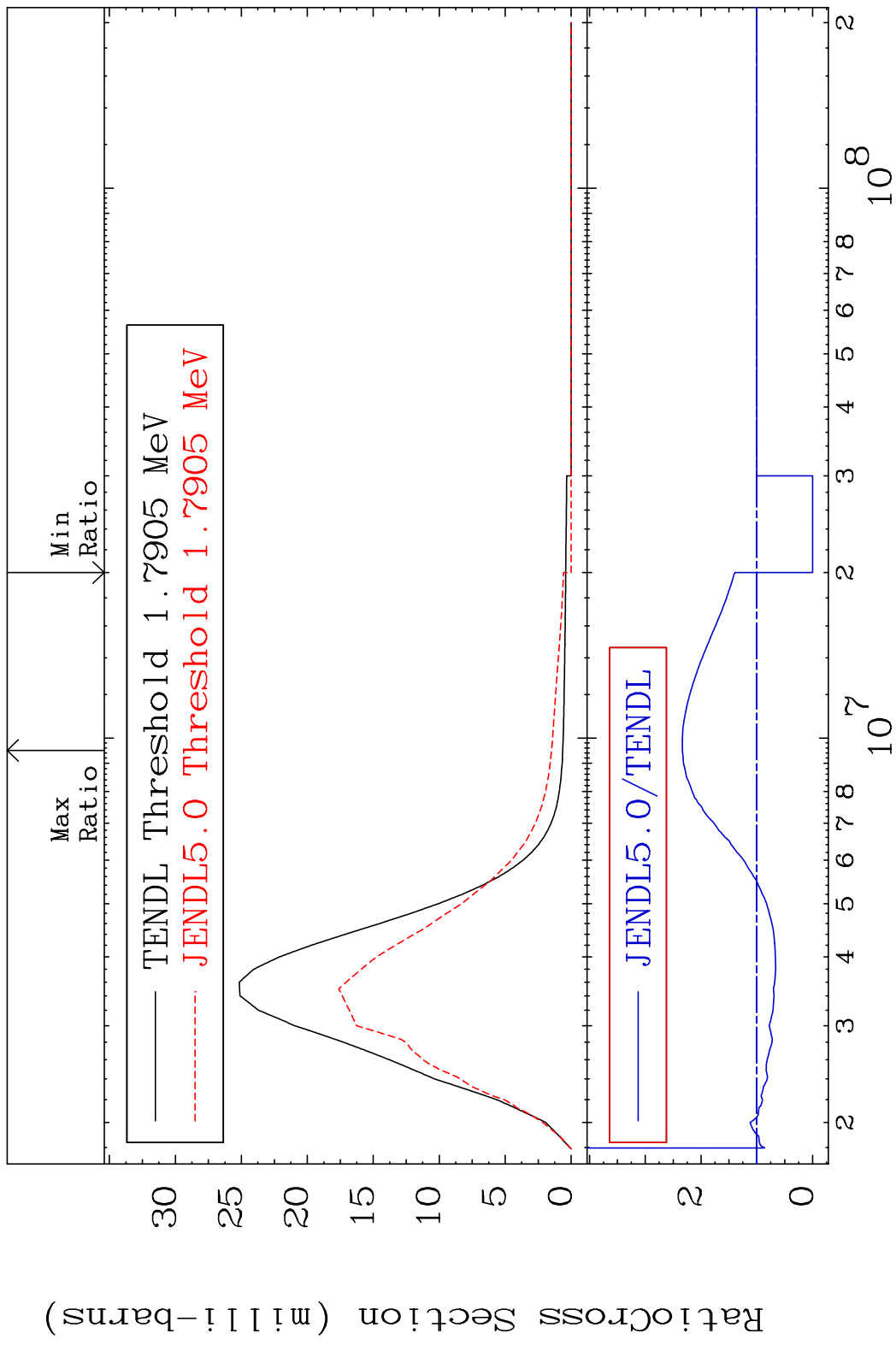
MAT 5243 MT= 52 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 59.93 %



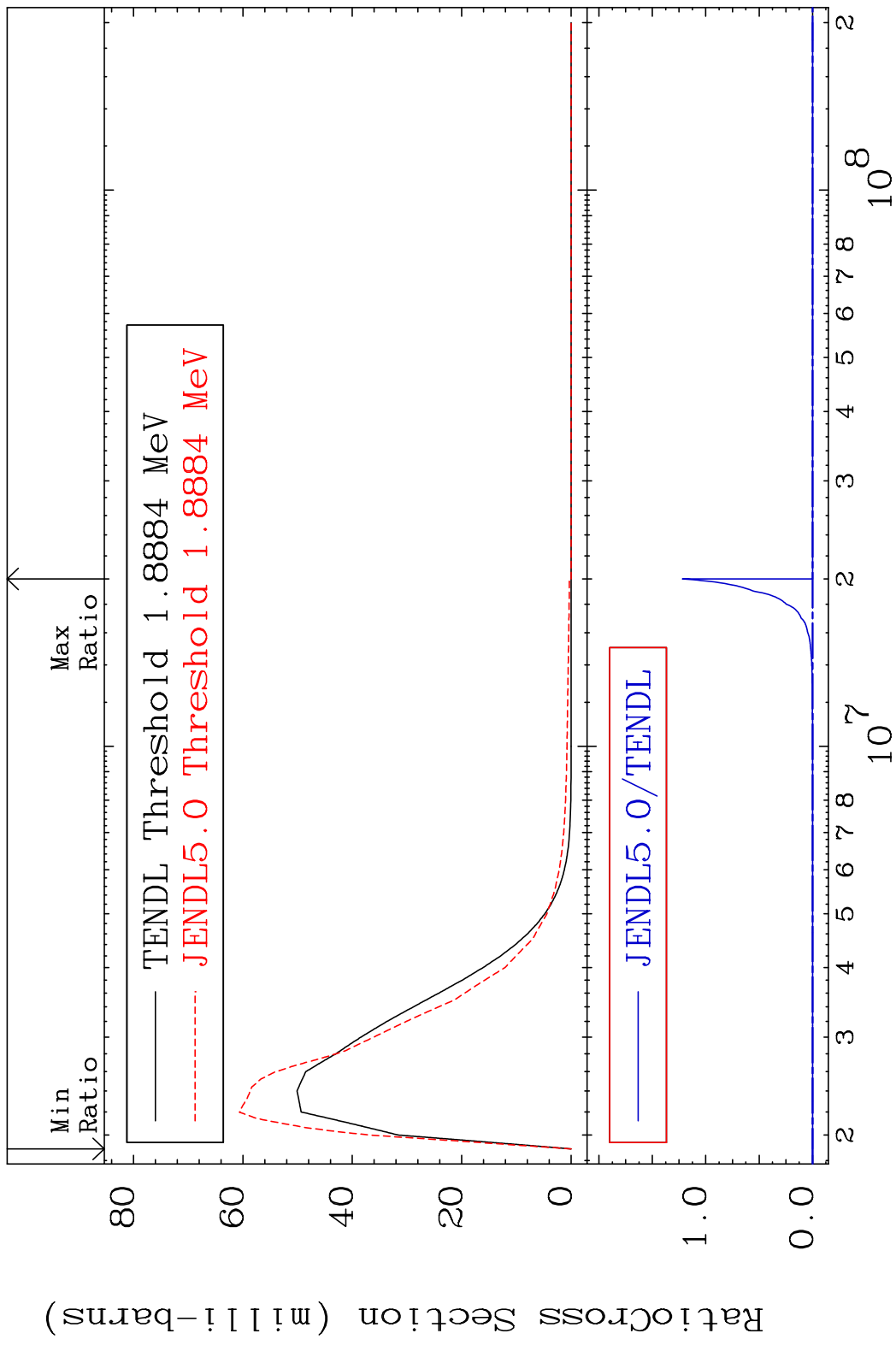
MAT 5243 MT= 53 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 63.90 %



MAT 5243 MT= 54 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 133.5 %



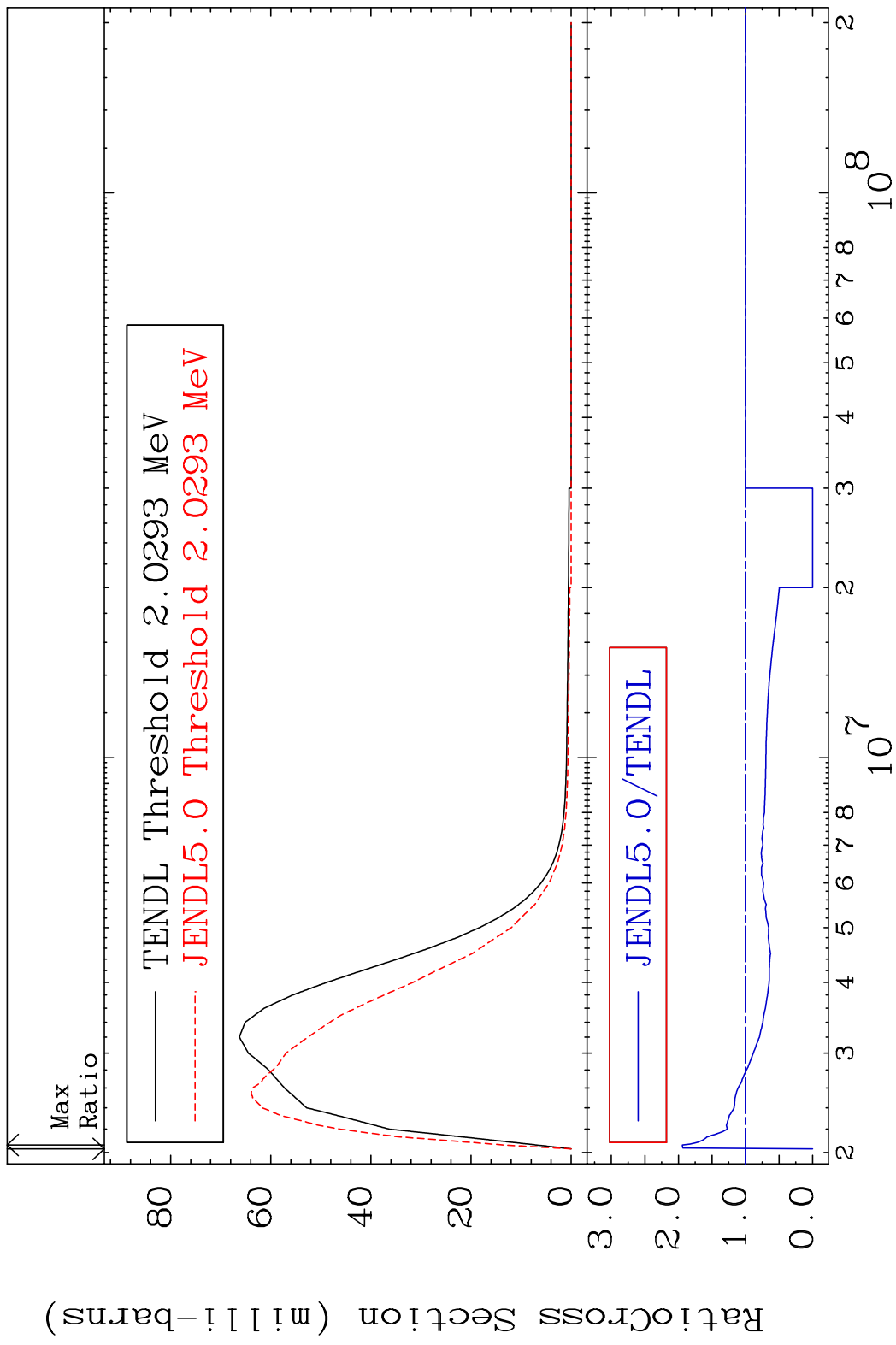
MAT 5243 MT= 55 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



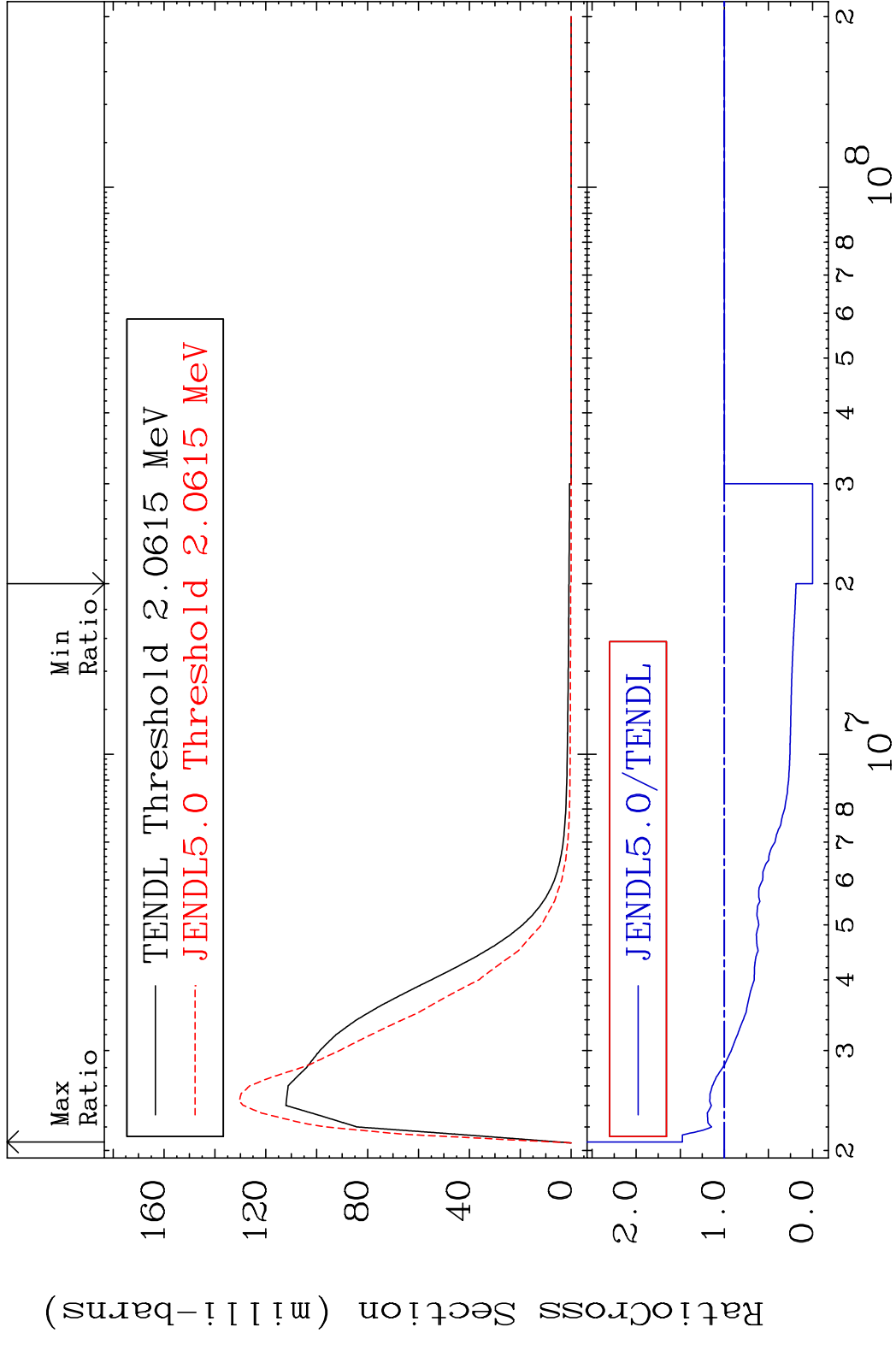
15 15 Incident Energy (eV) 52-Te-126



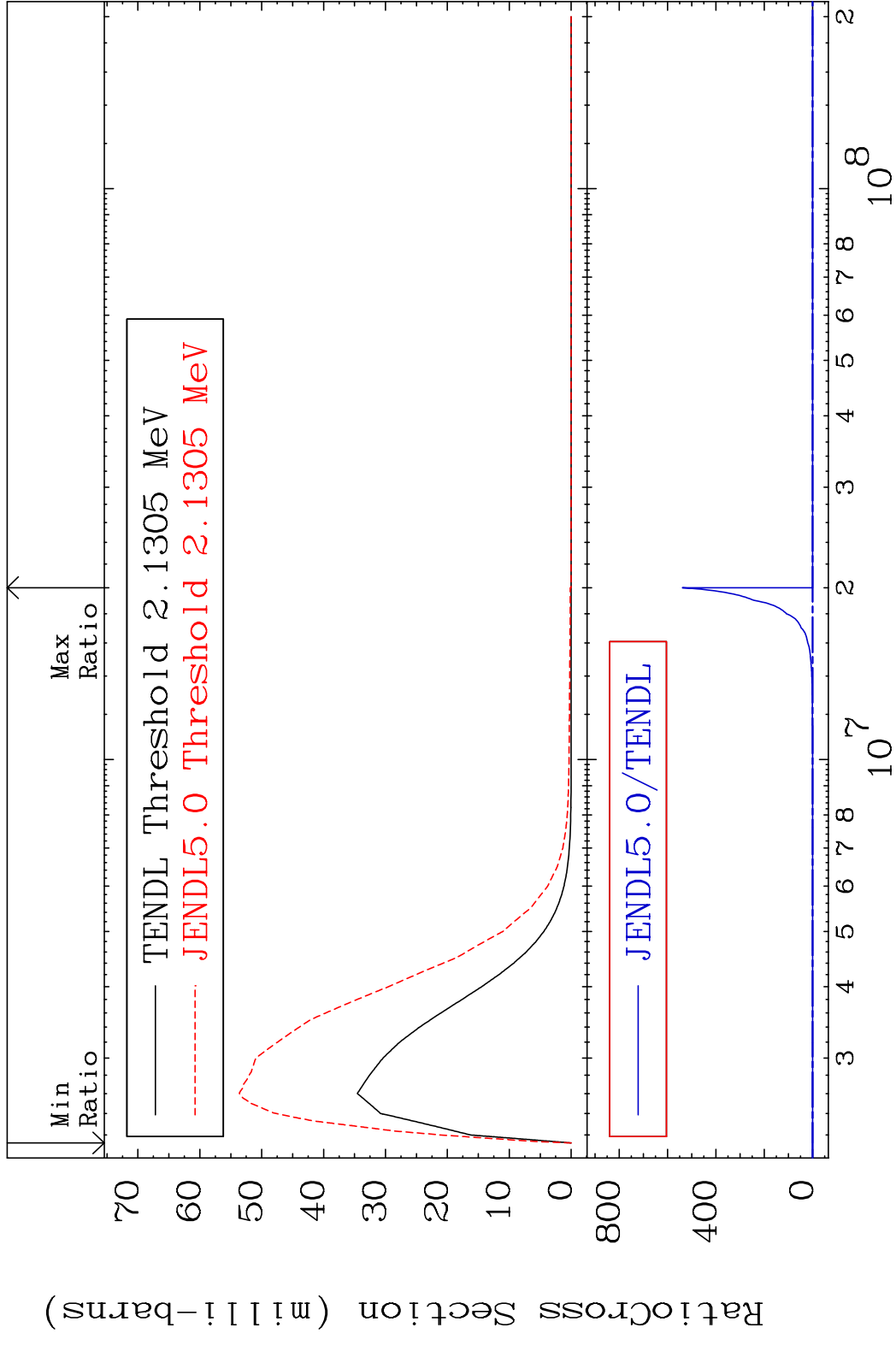
MAT 5243 MT= 56 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 94.12 %



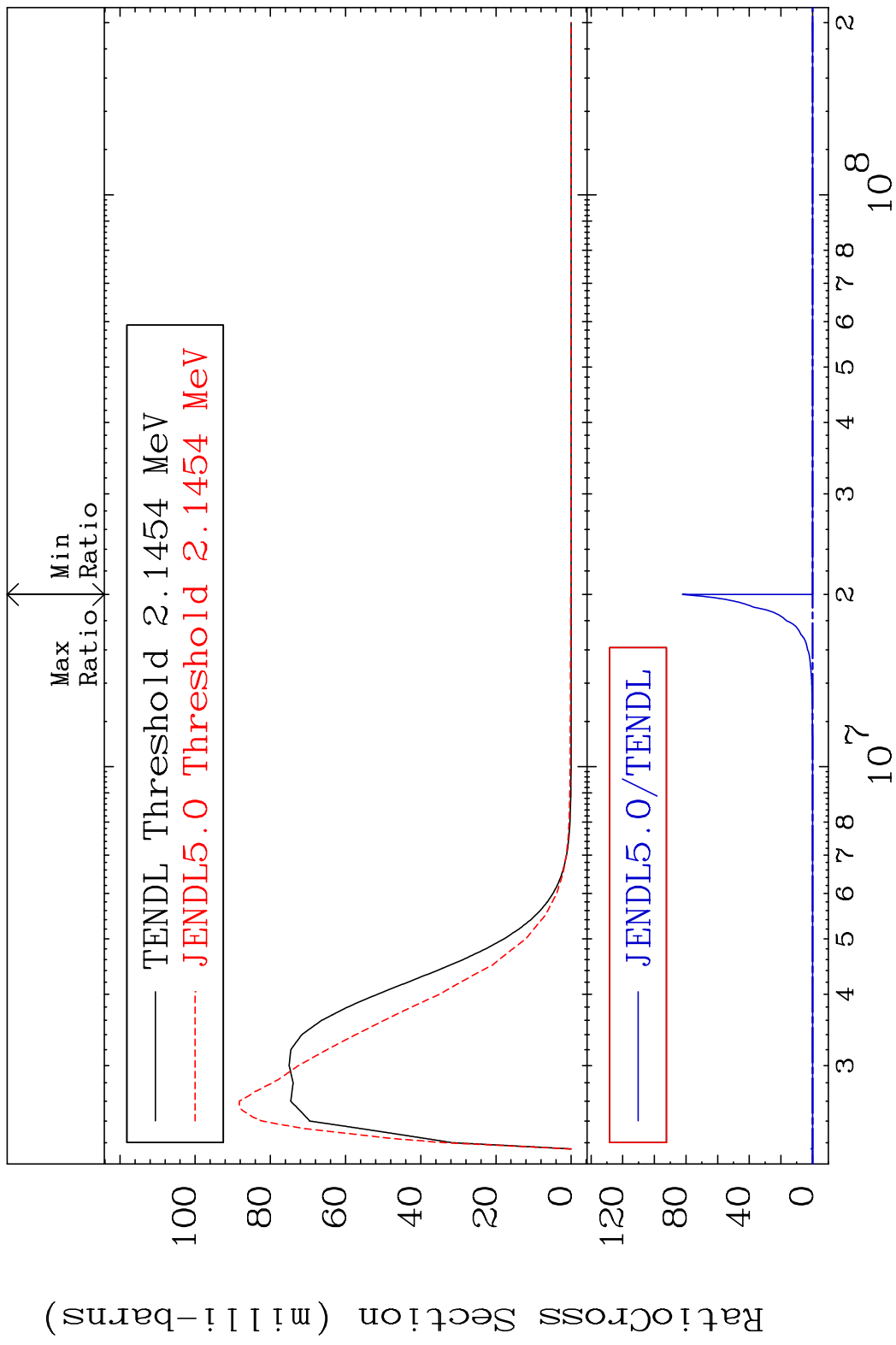
MAT 5243 MT= 57 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 47.66 %



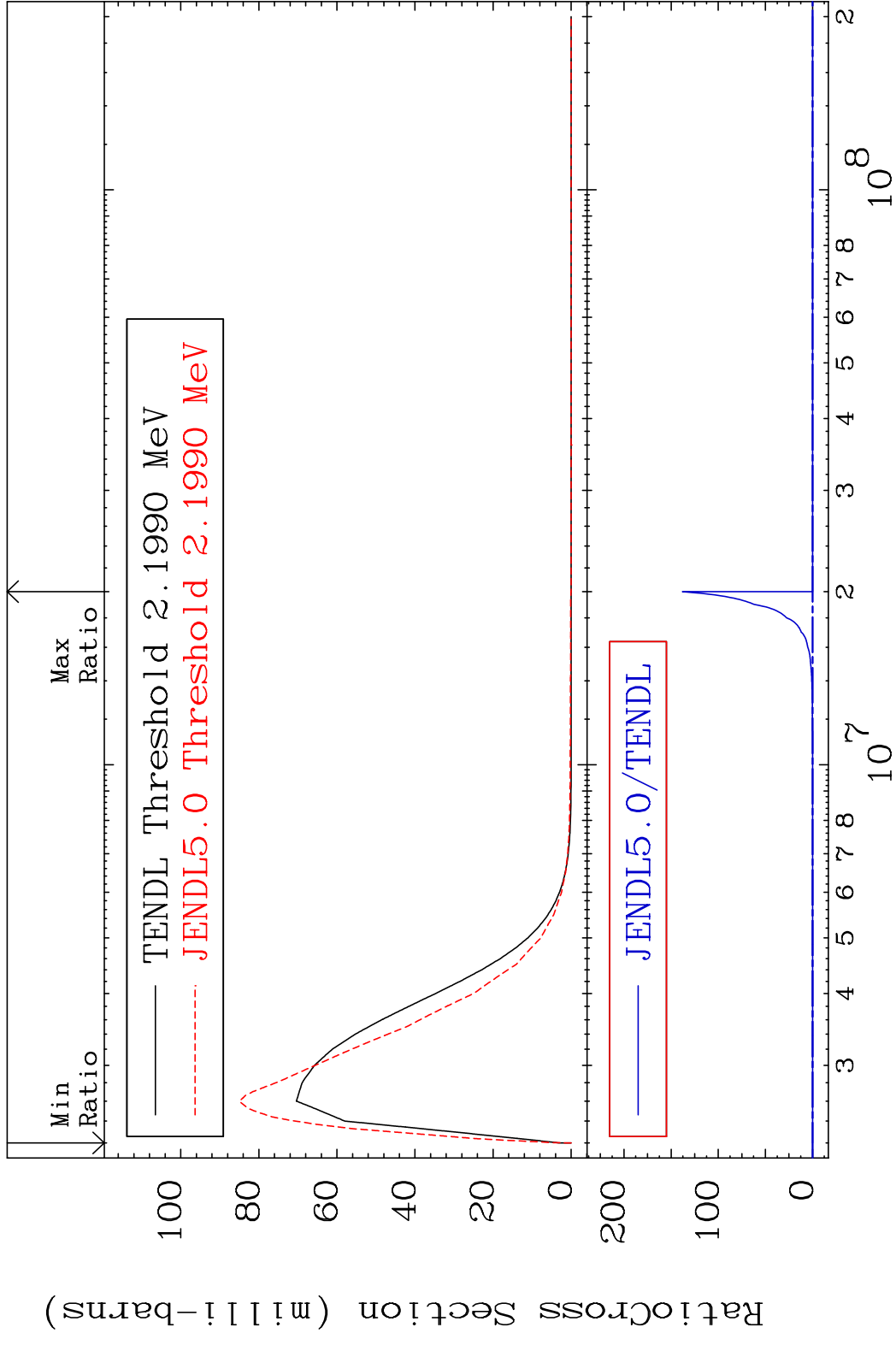
MAT 5243 MT= 58 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



MAT 5243 MT= 59 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %

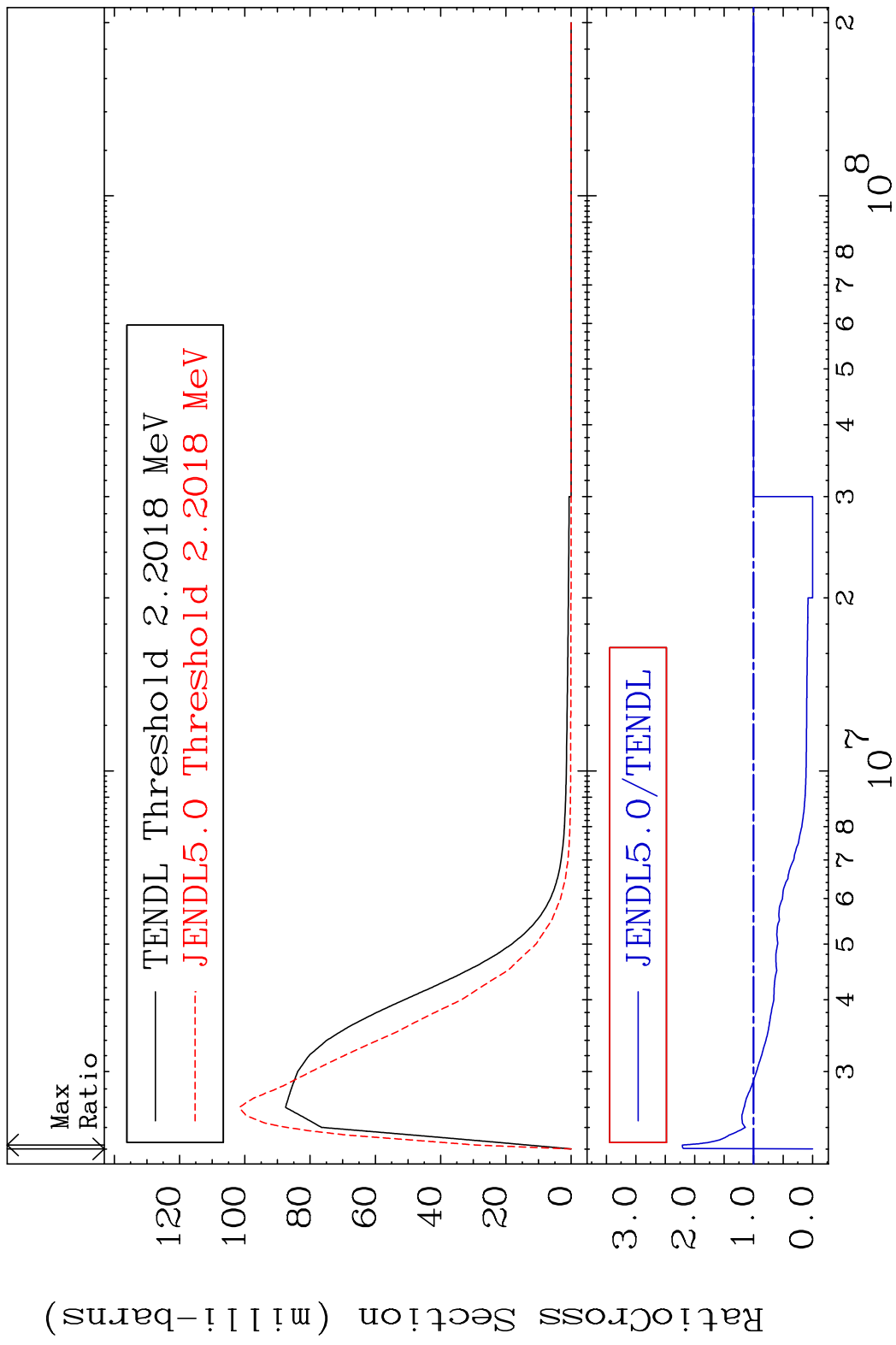


MAT 5243 MT= 60 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %

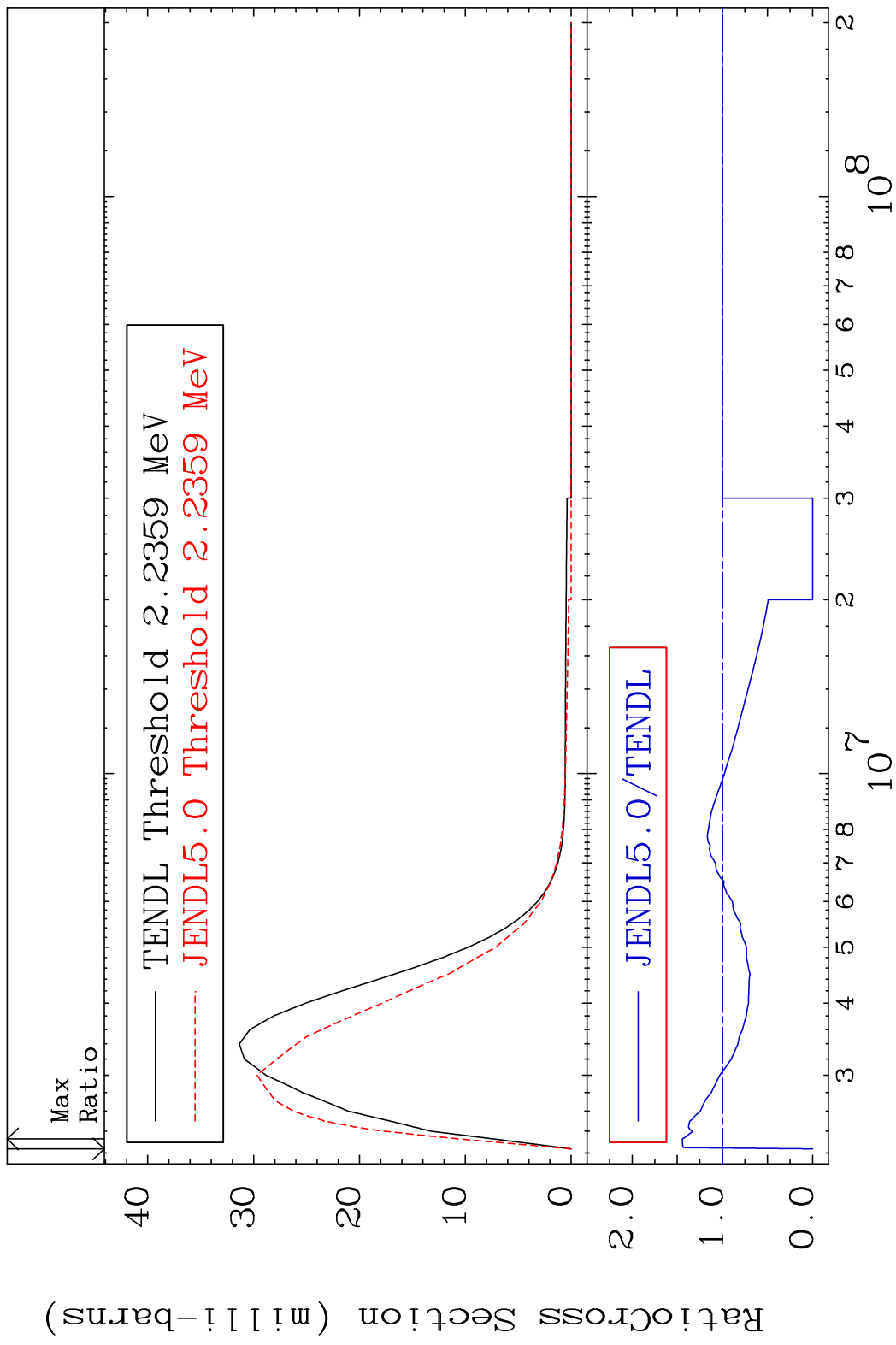


20 52-Te-126

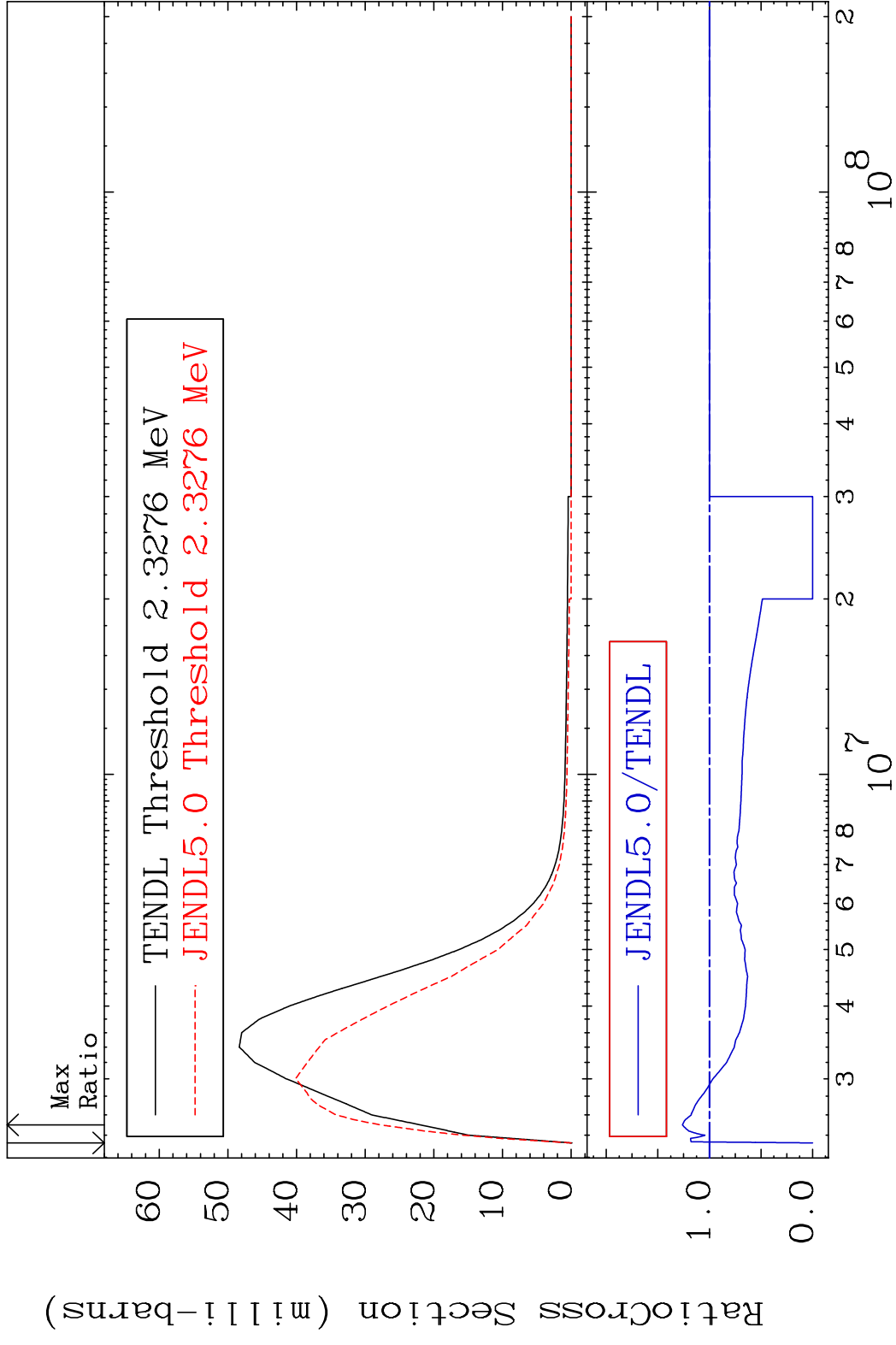
MAT 5243 MT= 61 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 121.0 %



MAT 5243 MT= 62 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 44.33 %

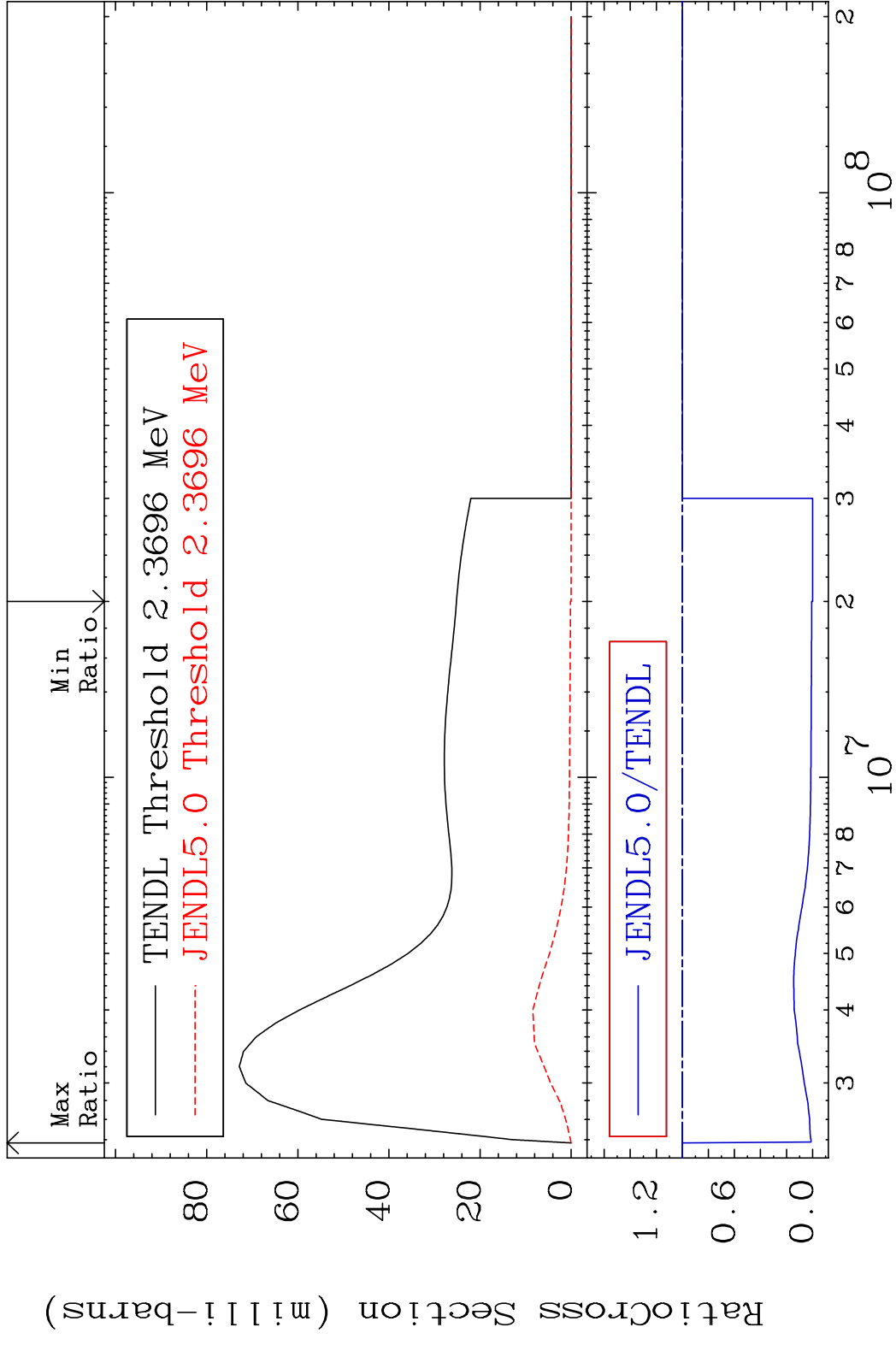


MAT 5243 MT= 63 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 26.24 %

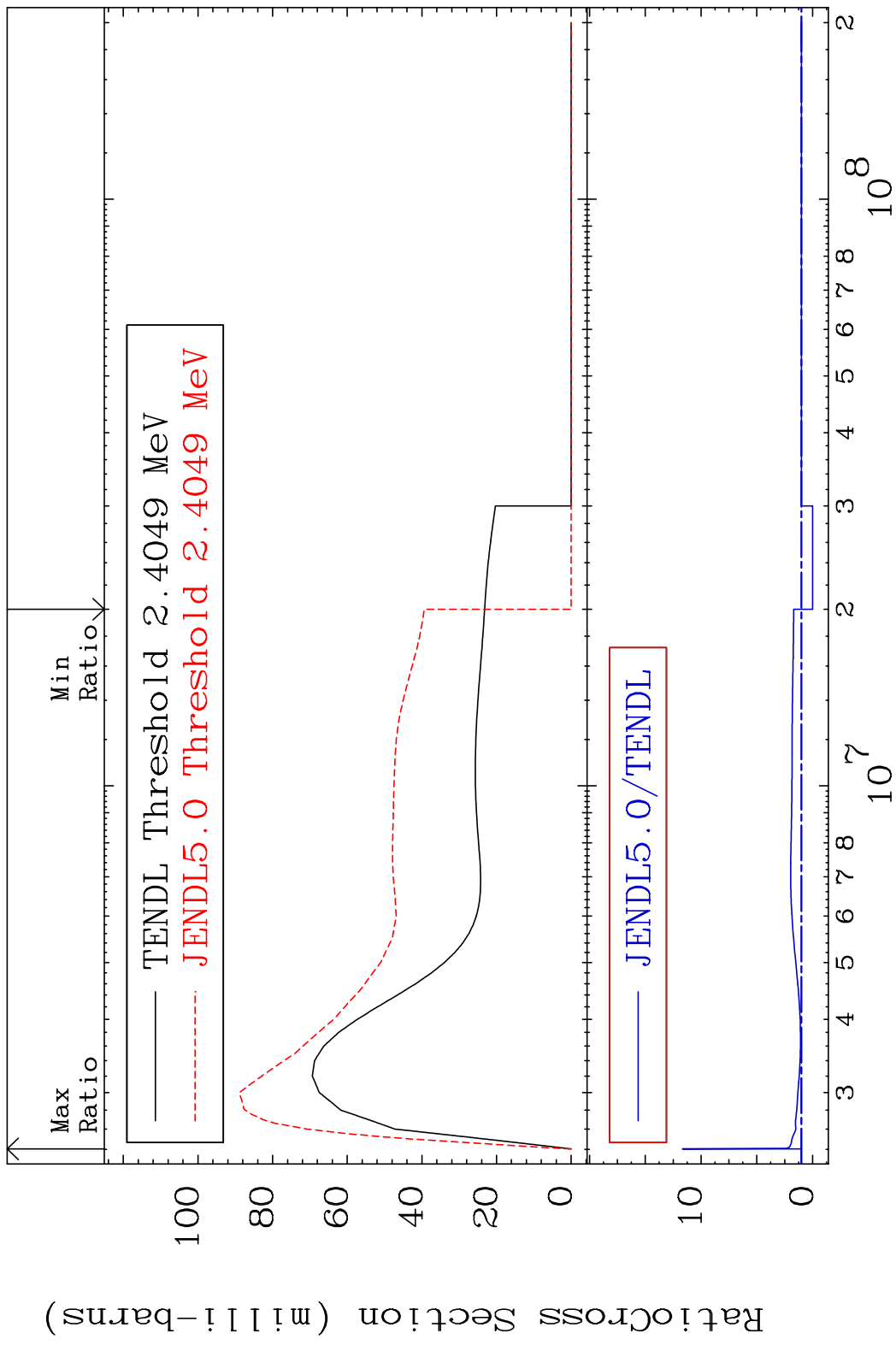




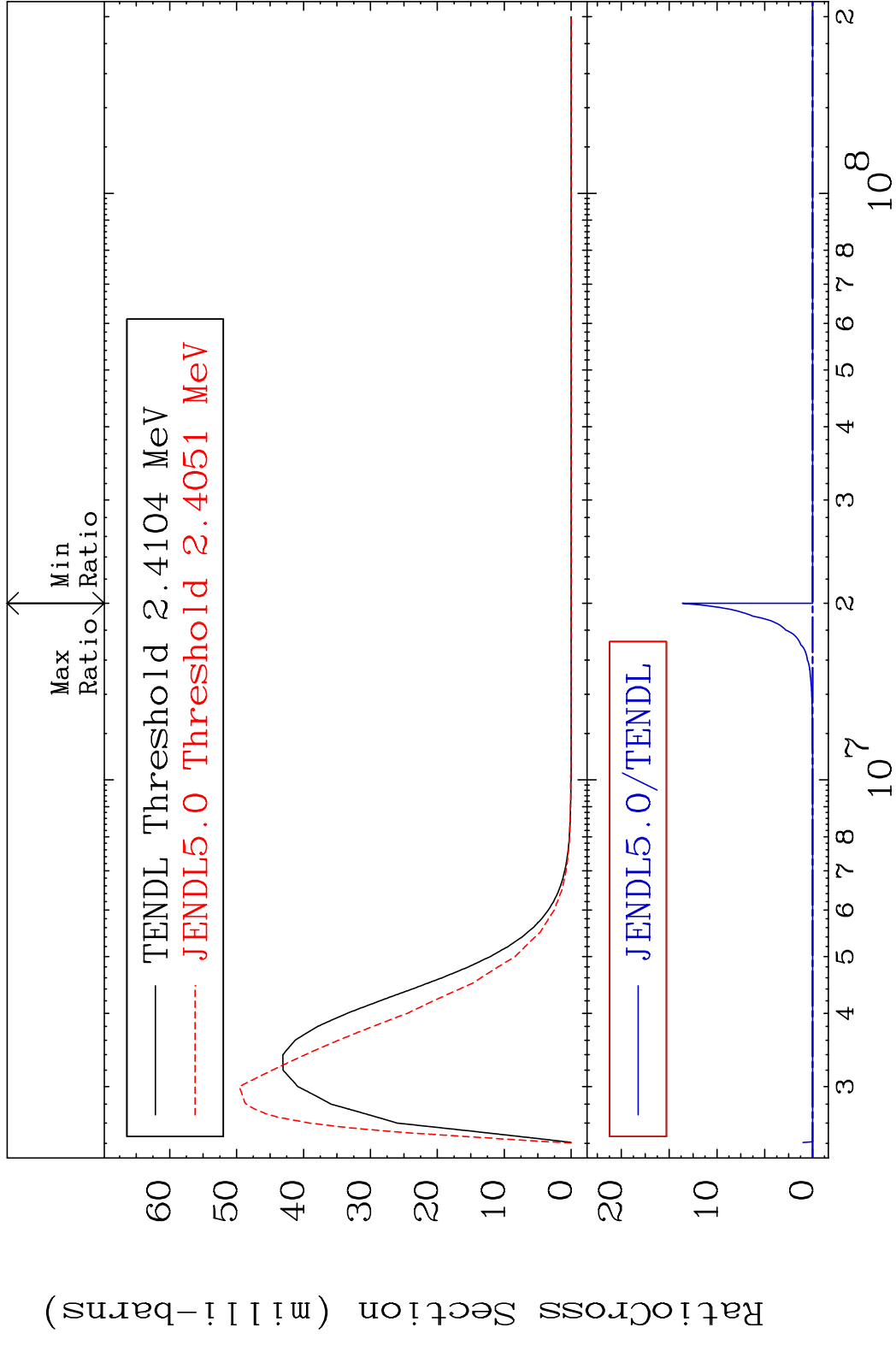
MAT 5243 MT= 64 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 0.000 %



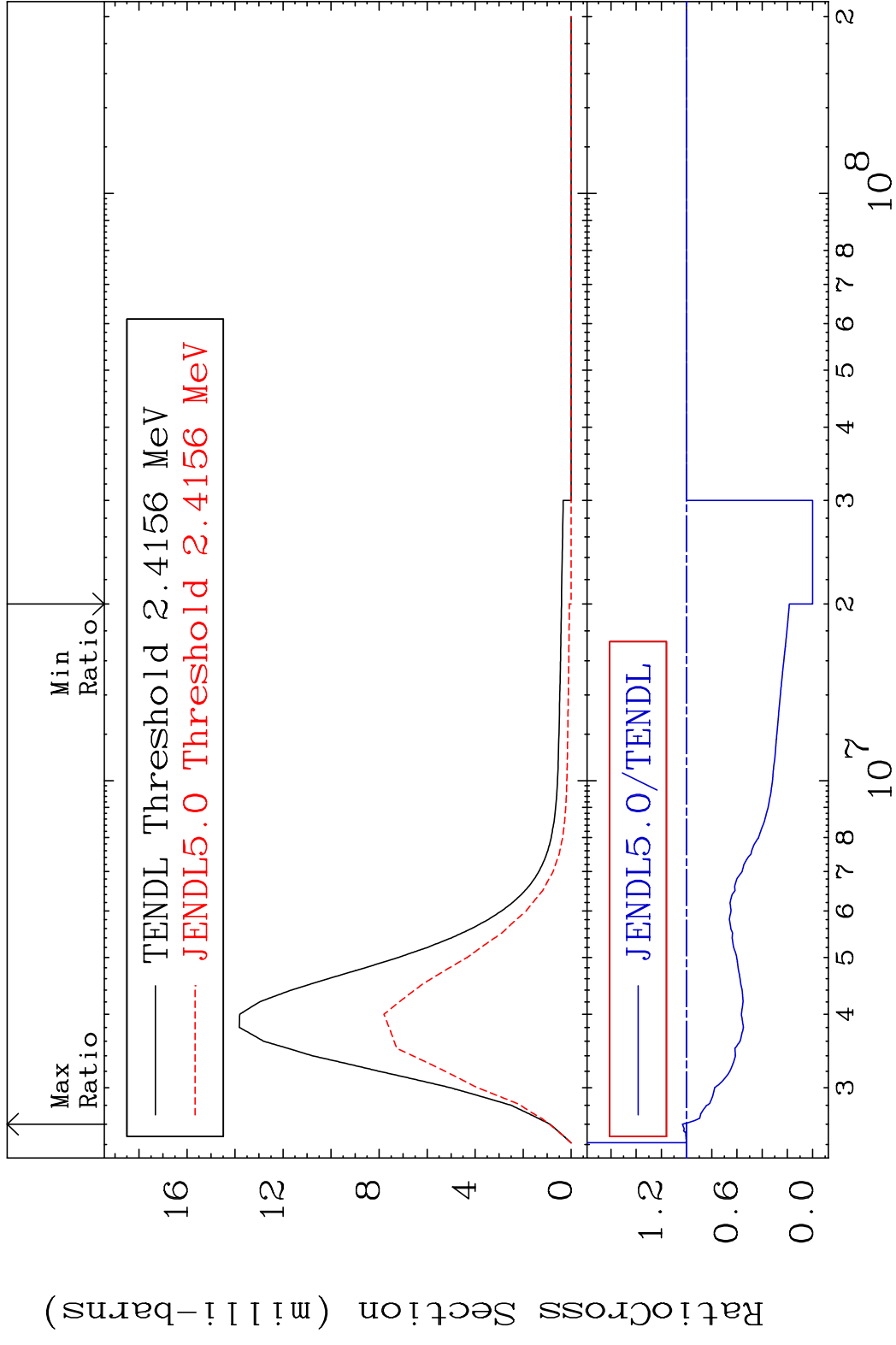
MAT 5243 MT= 65 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 1068. %



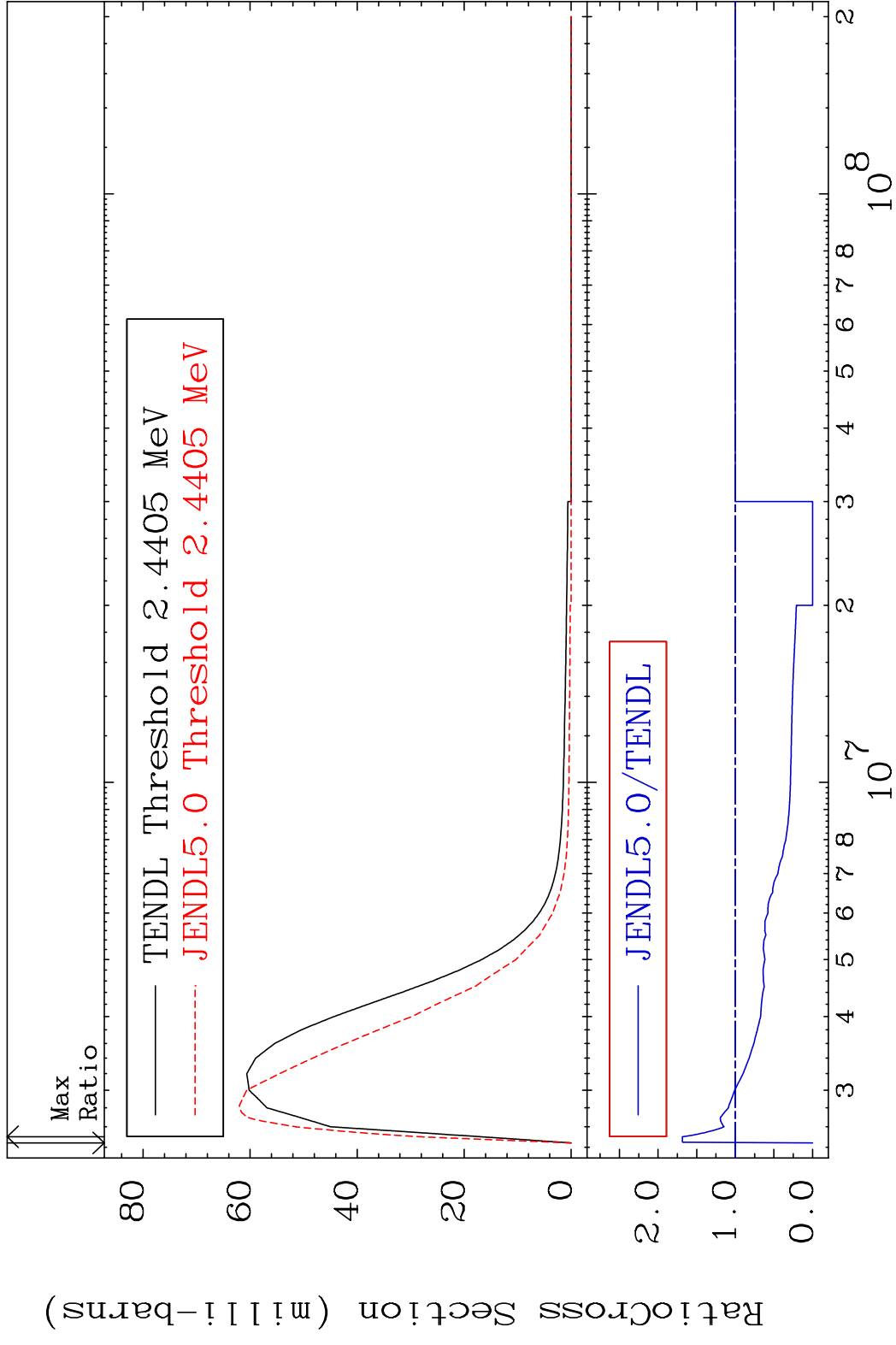
MAT 5243 MT= 66 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



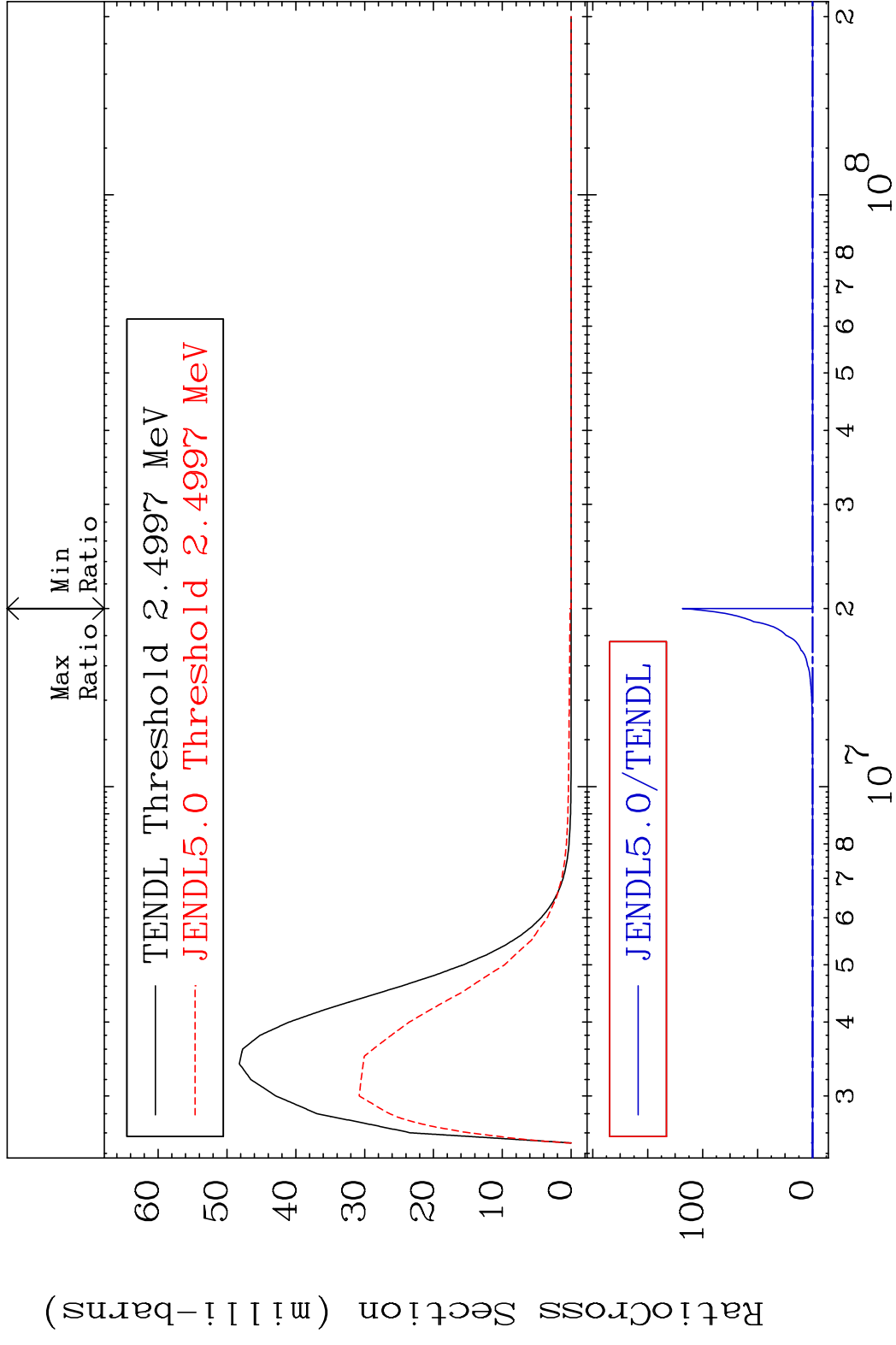
MAT 5243 MT= 67 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 3.350 %



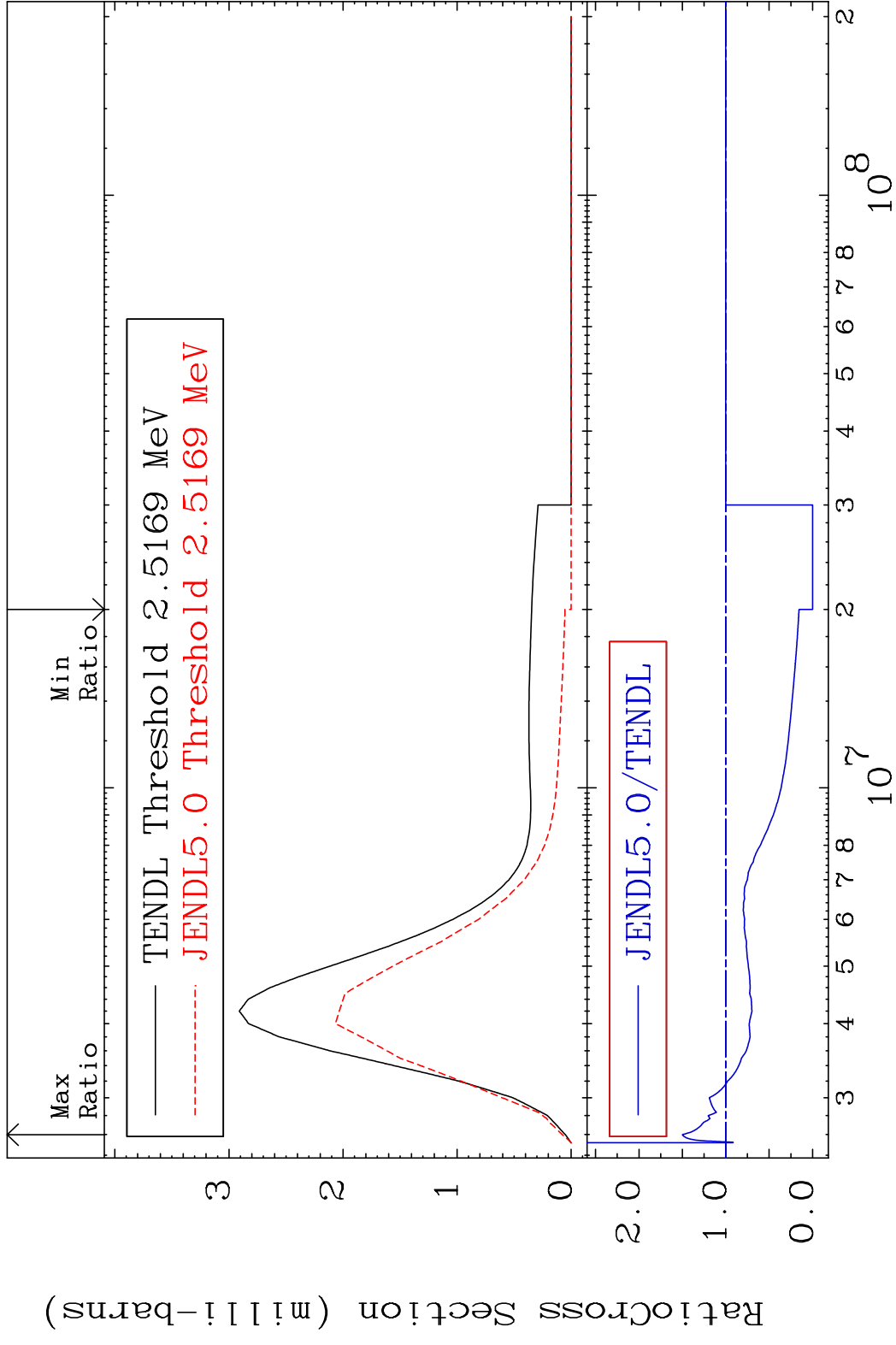
MAT 5243 MT= 68 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 68.57 %



MAT 5243 MT= 69 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %

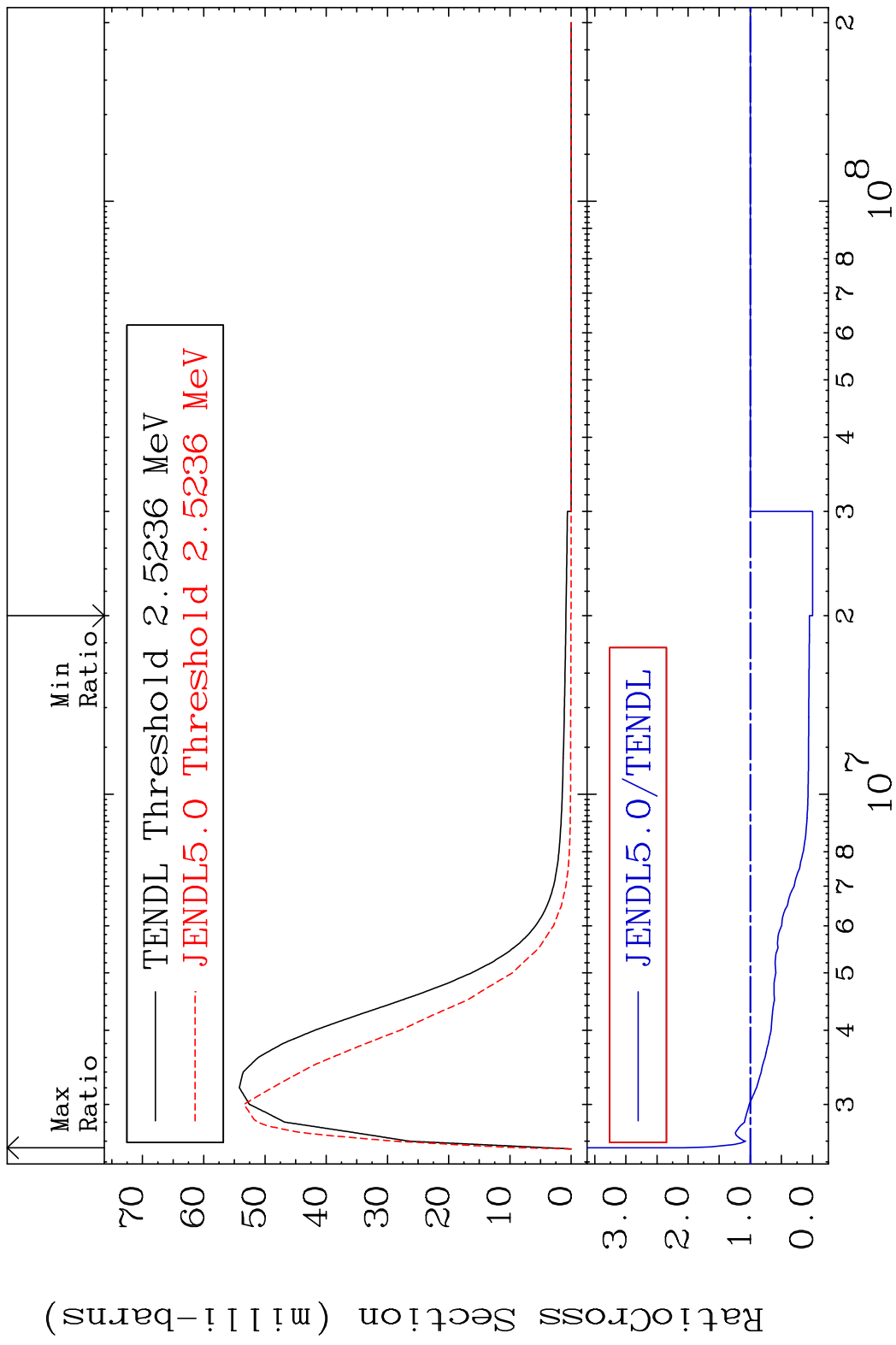


MAT 5243 MT= 70 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 50.01 %



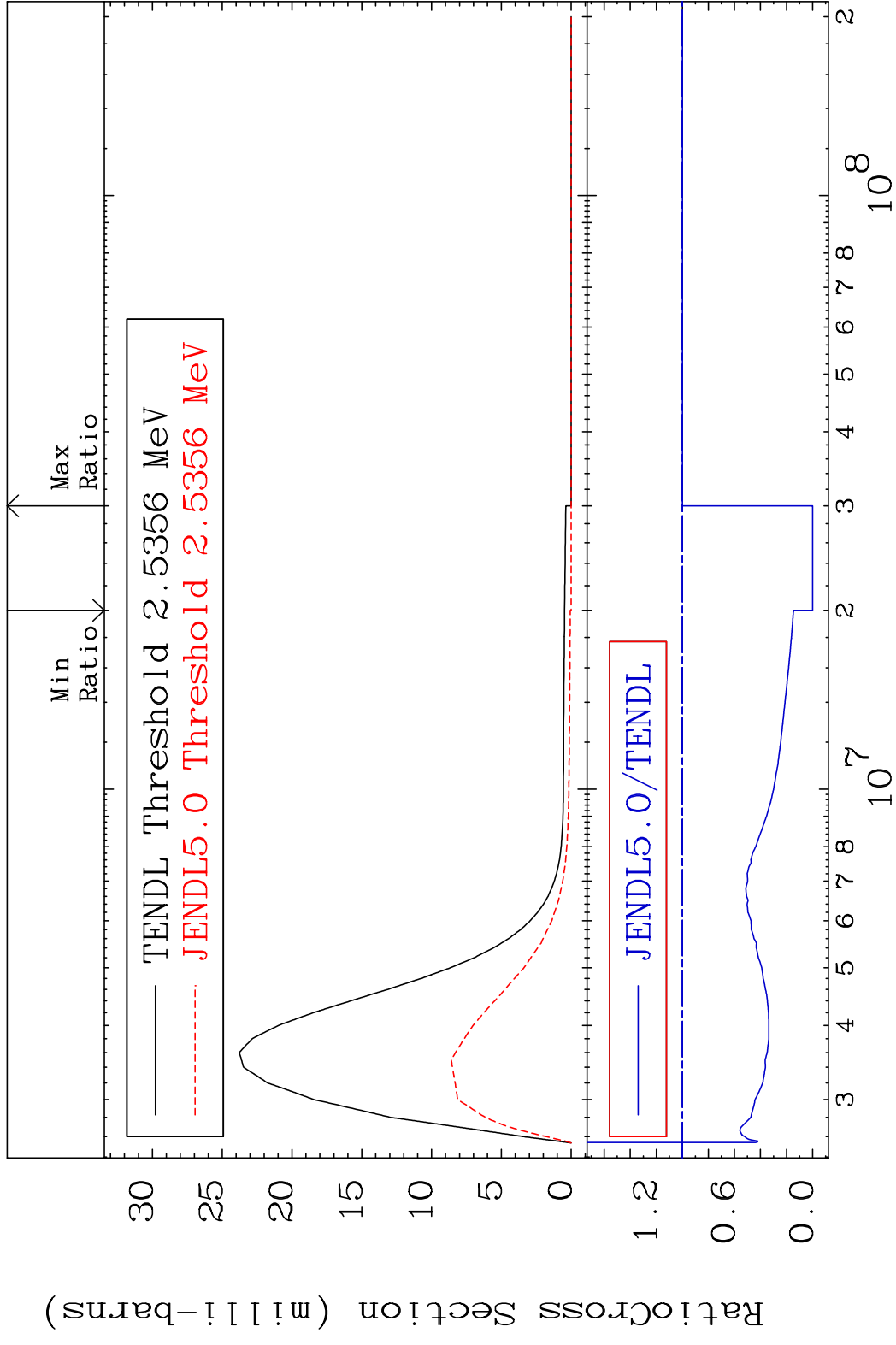
30 52-Te-126

MAT 5243 MT= 71 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 109.2 %

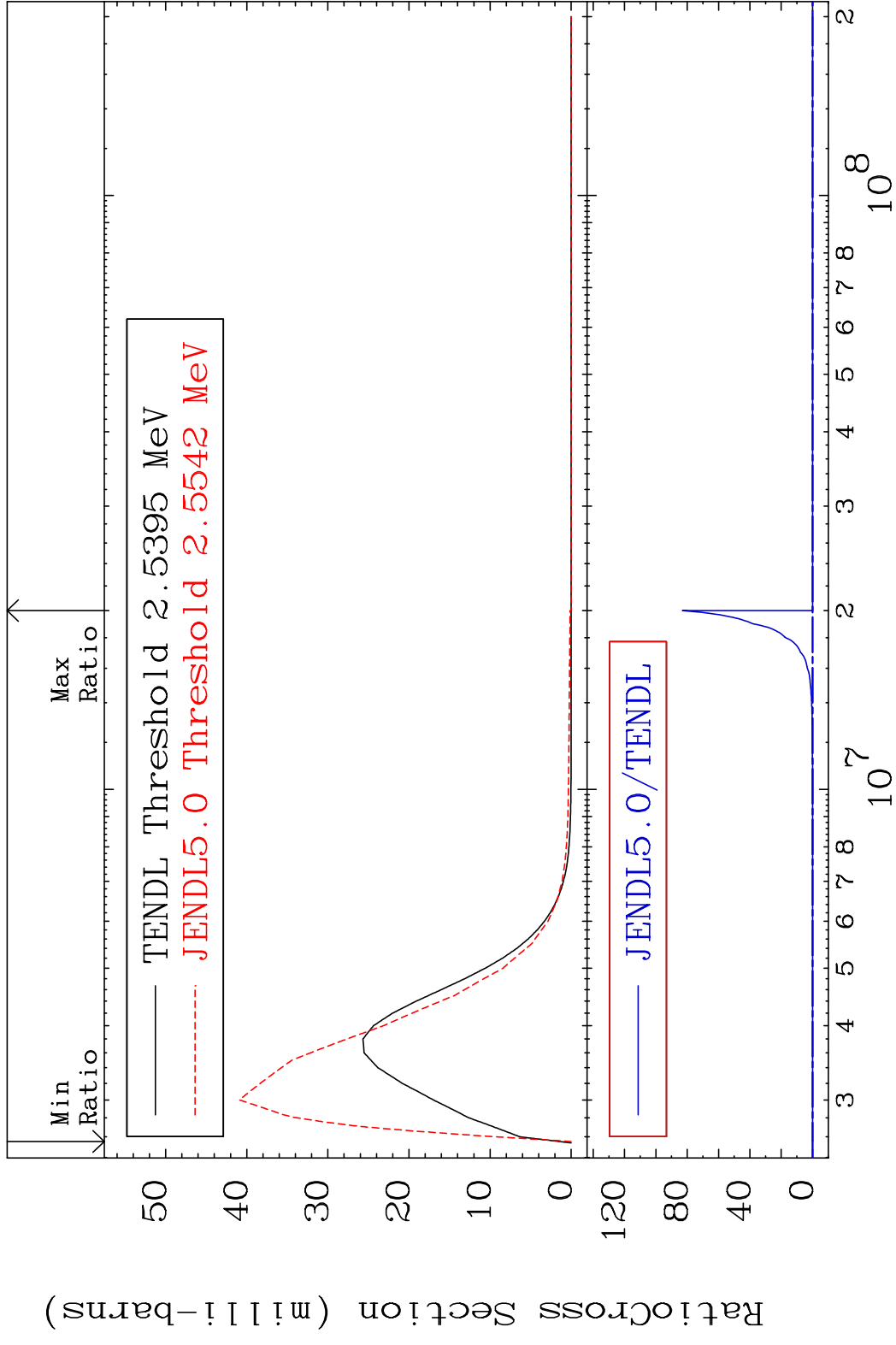




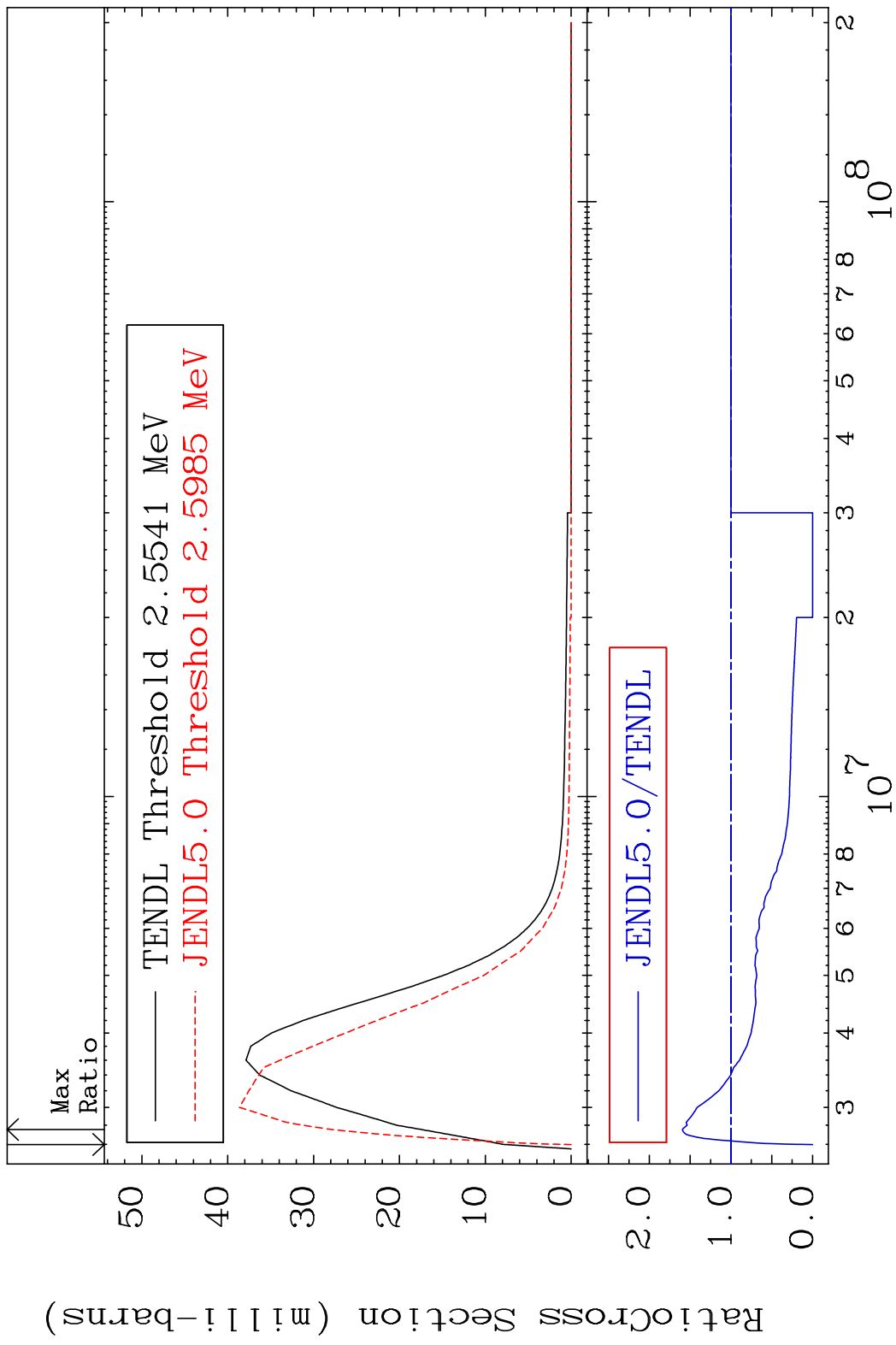
MAT 5243 MT= 72 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 0.000 %



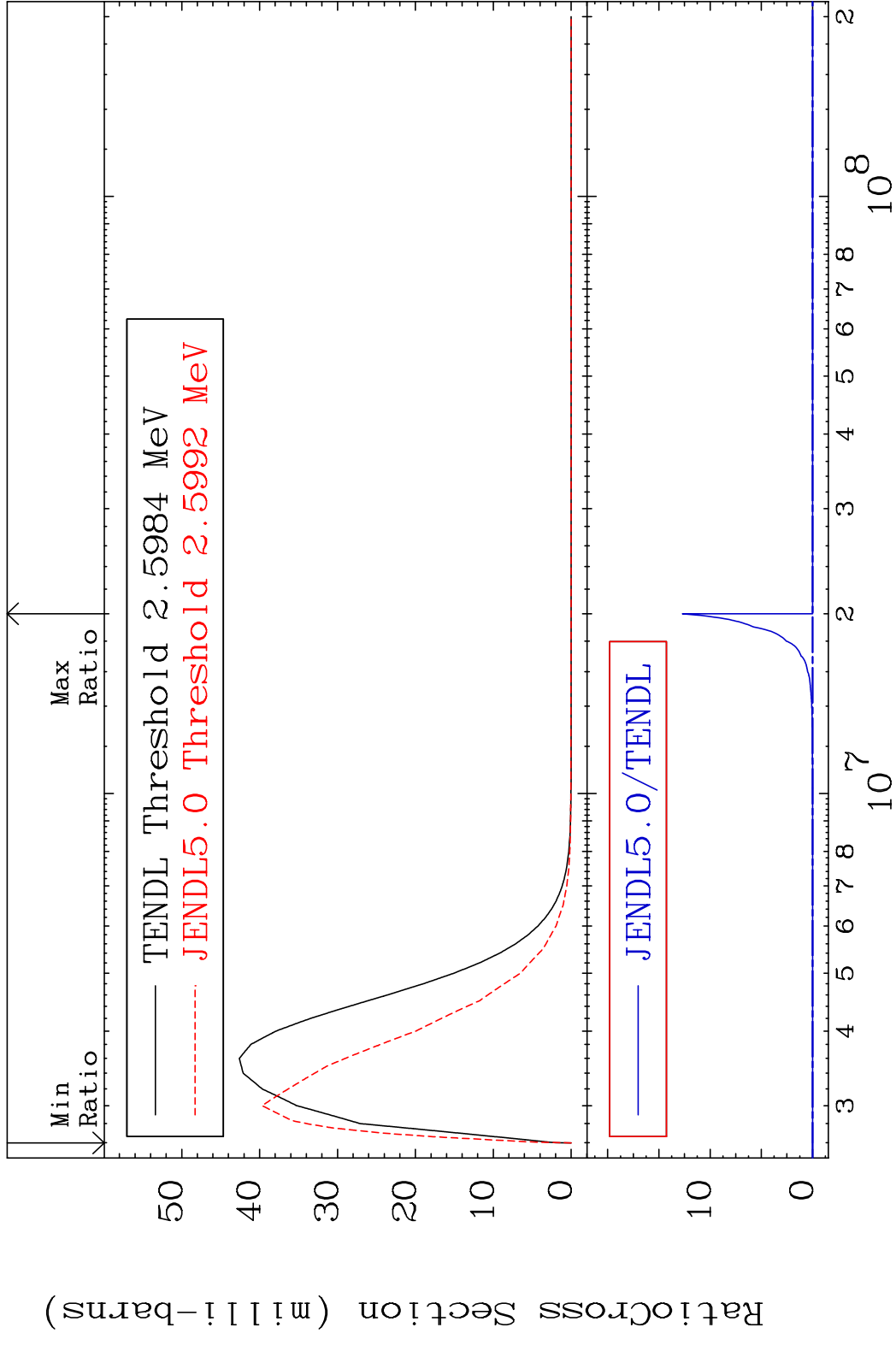
MAT 5243 MT= 73 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



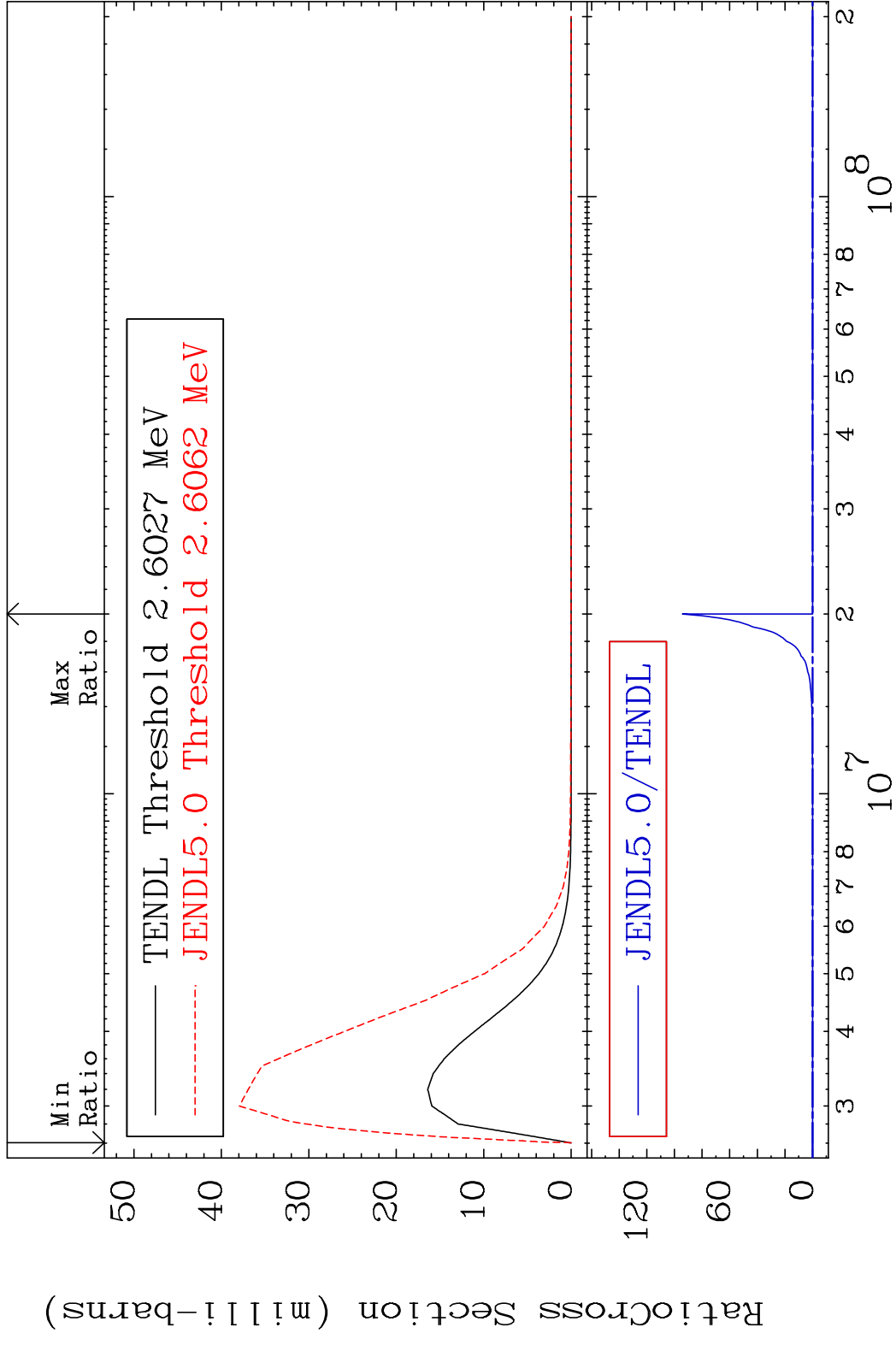
MAT 5243 MT= 74 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 59.57 %



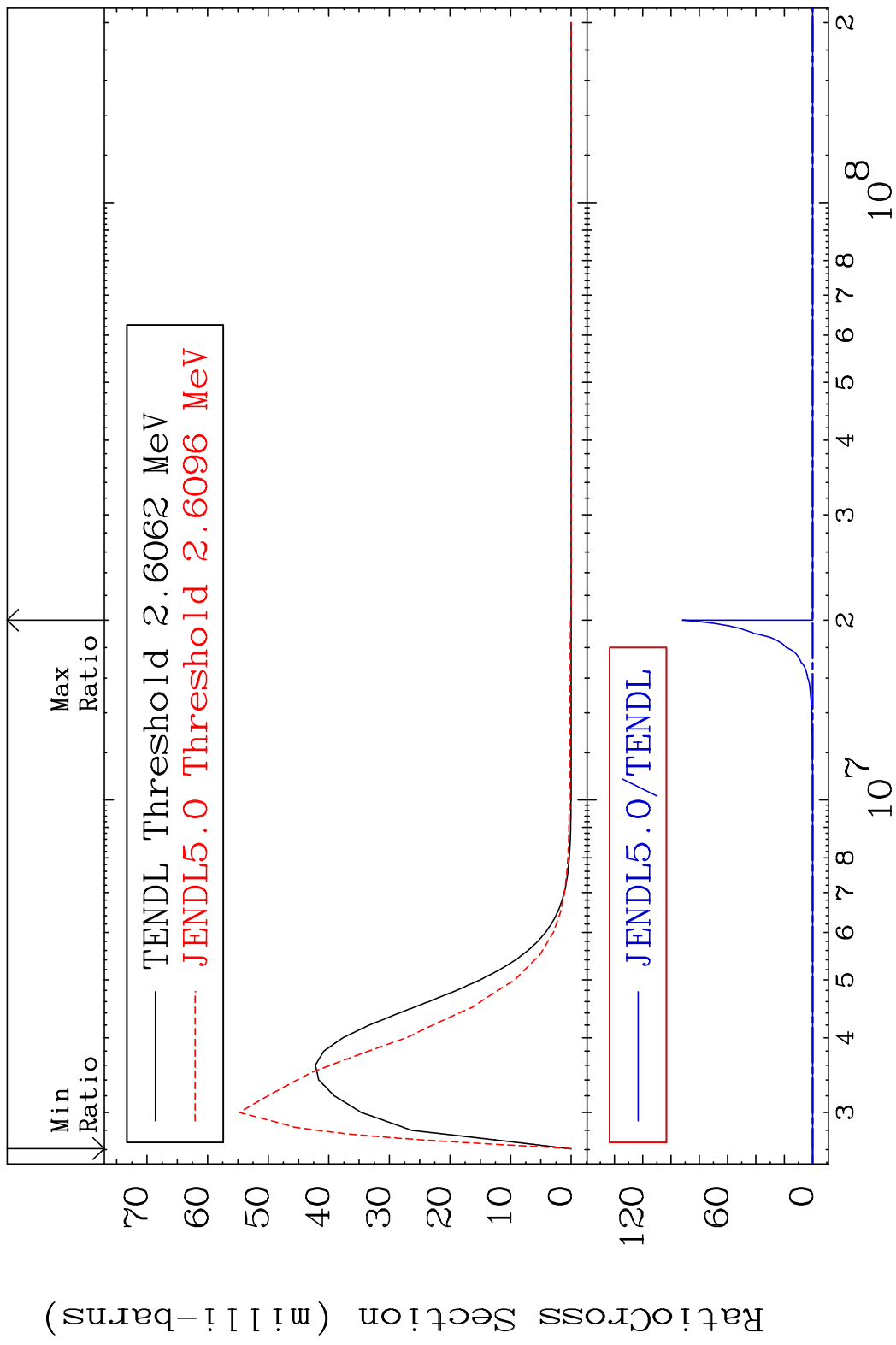
MAT 5243 MT= 75 (n,n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



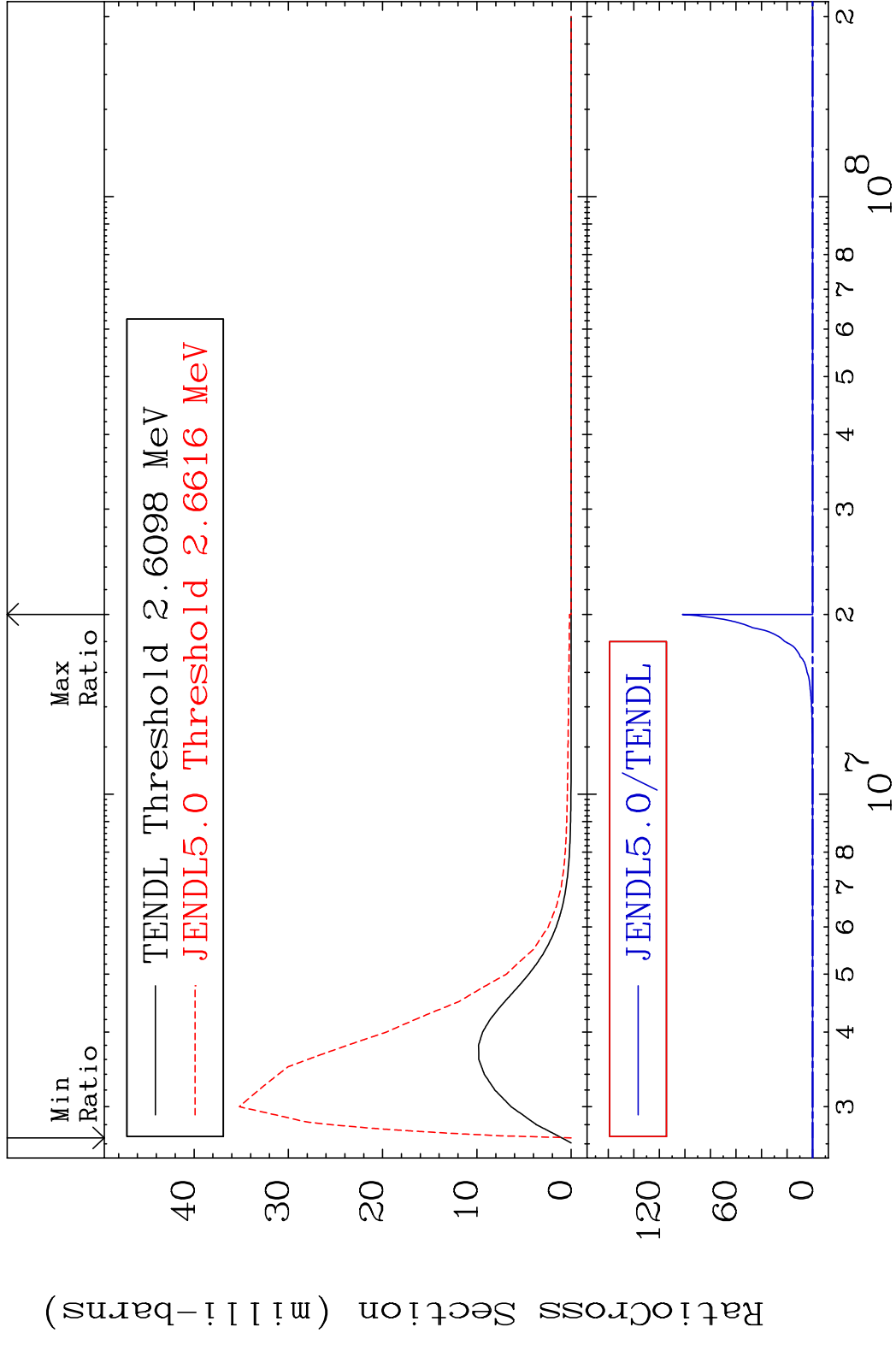
MAT 5243 MT= 76 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



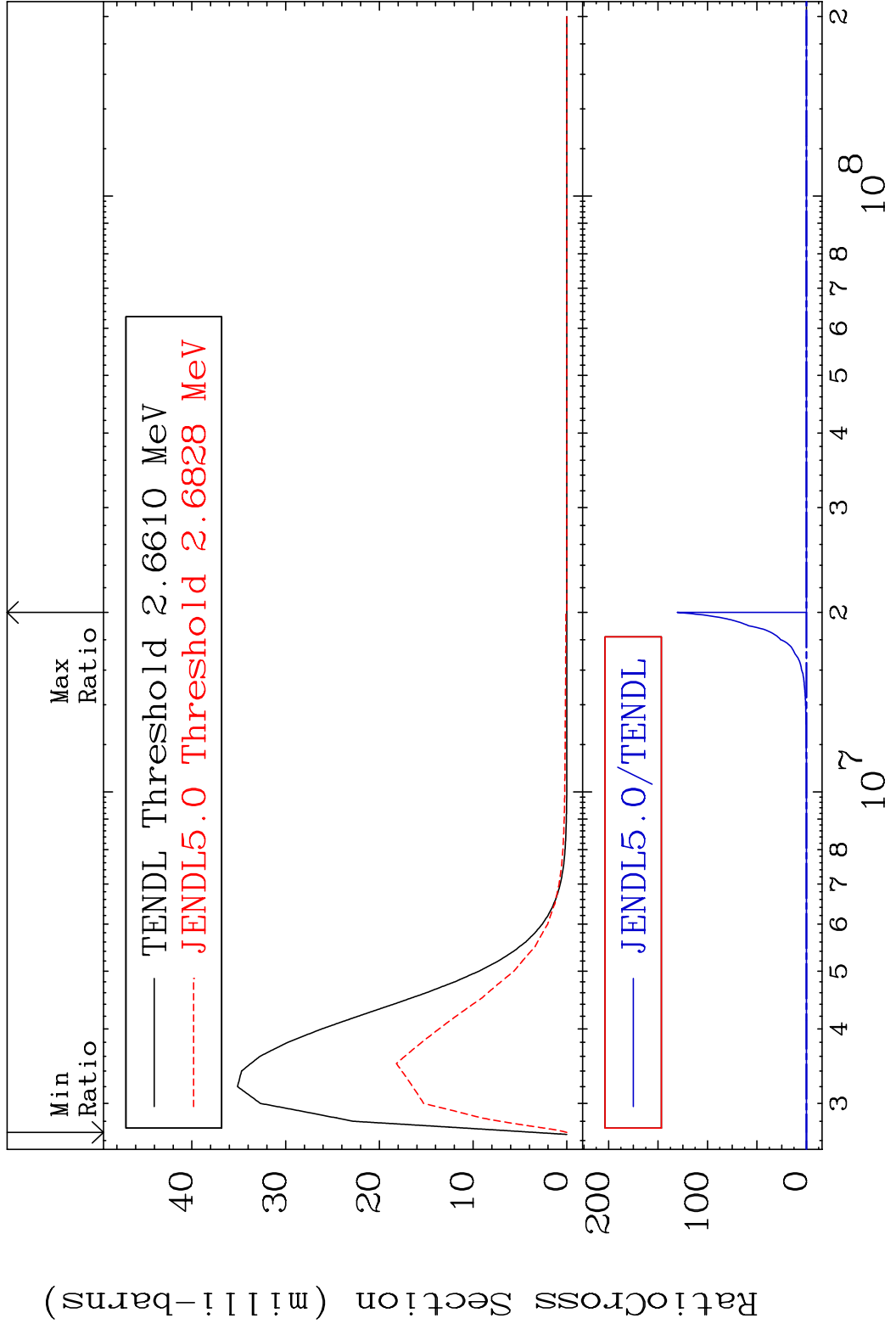
MAT 5243 MT= 77 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



MAT 5243 MT= 78 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %

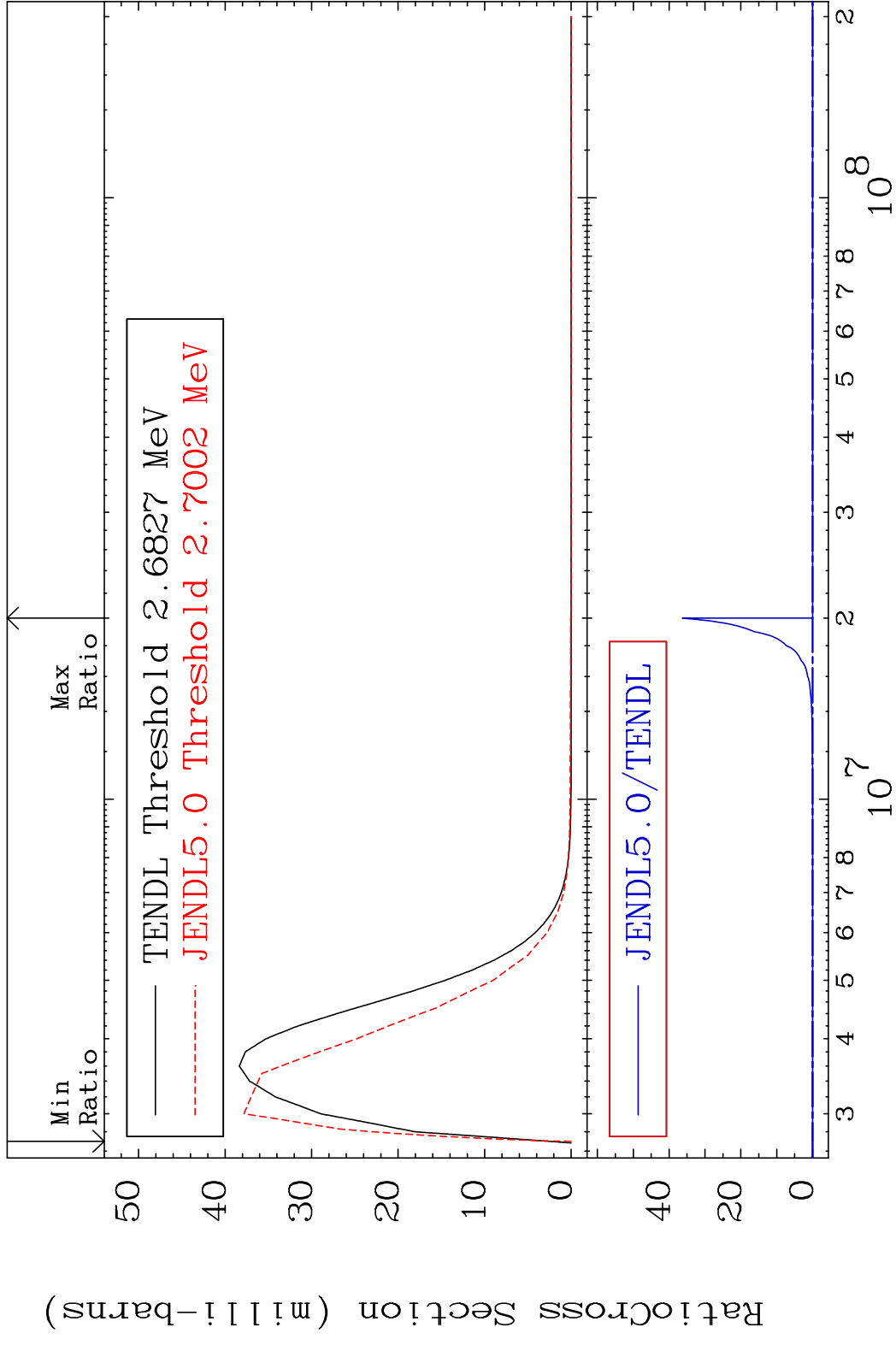


MAT 5243 MT= 79 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %





MAT 5243 MT= 80 (n, n') Level 52-Te-126  
 Cross Section -100.0 To 9999. %



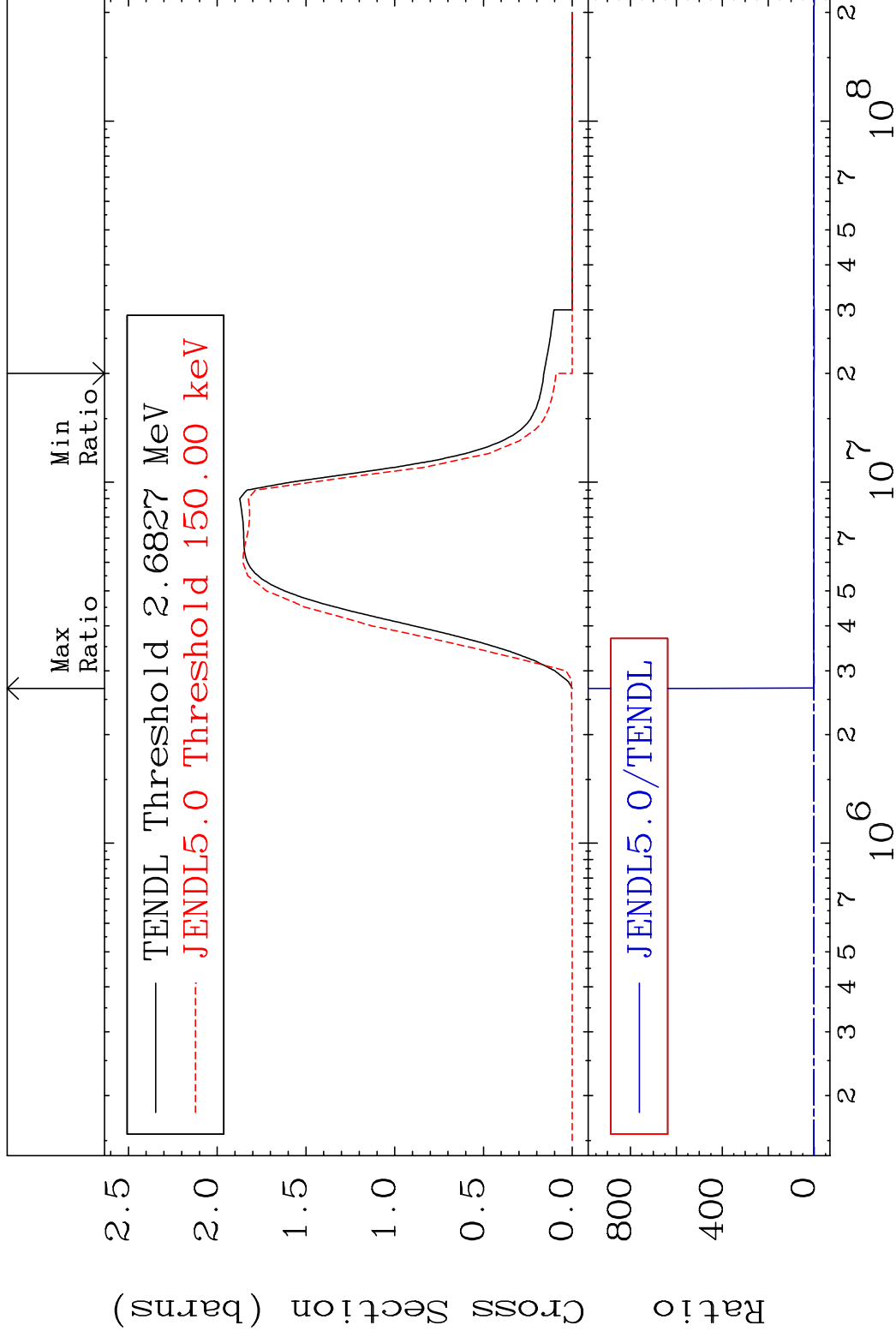
40 Incident Energy (eV) 52-Te-126

MAT 5243

(n, n') Continuum

52-Te-126

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

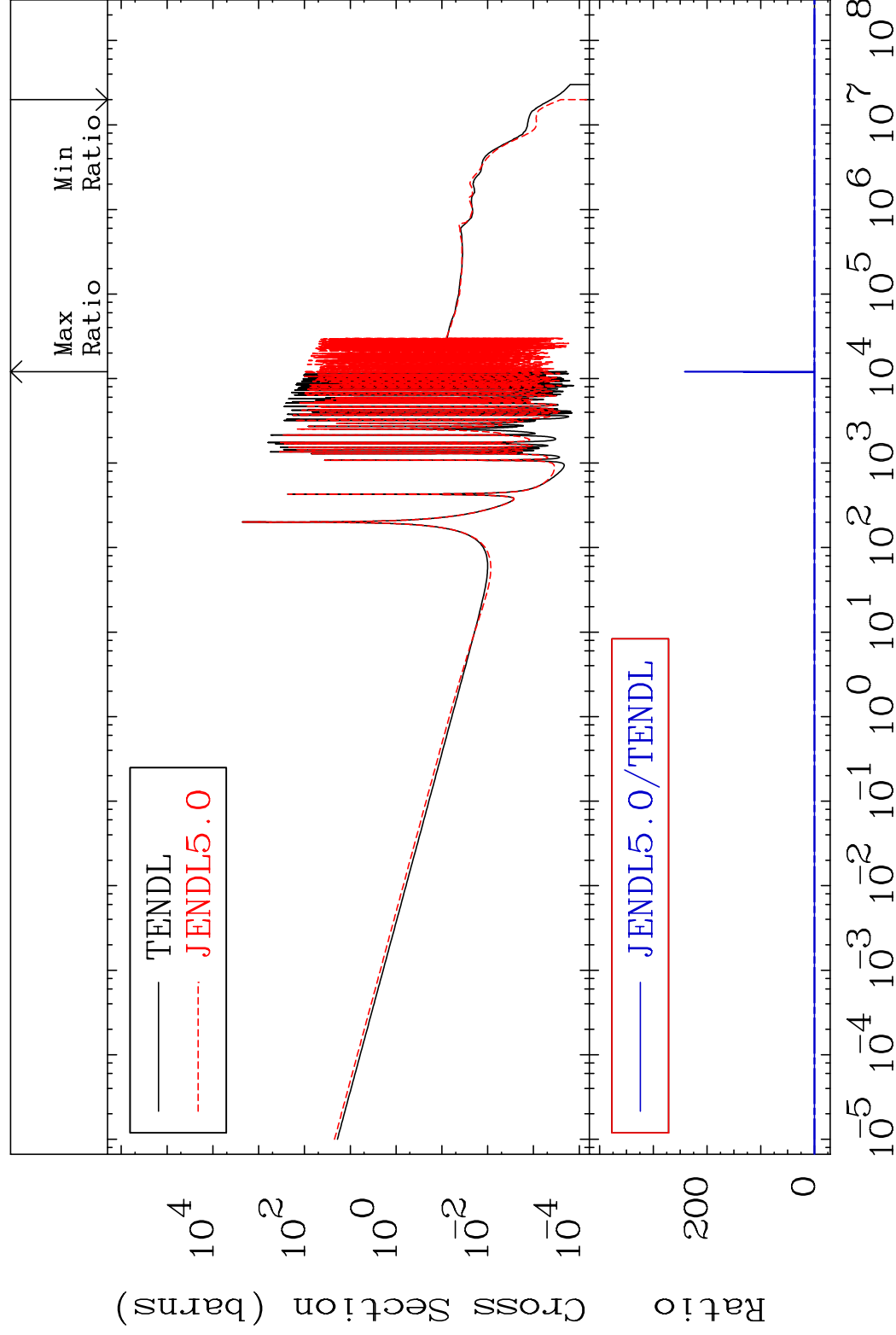
52-Te-126

MAT 5243

(n,  $\gamma$ )

52-Te-126

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

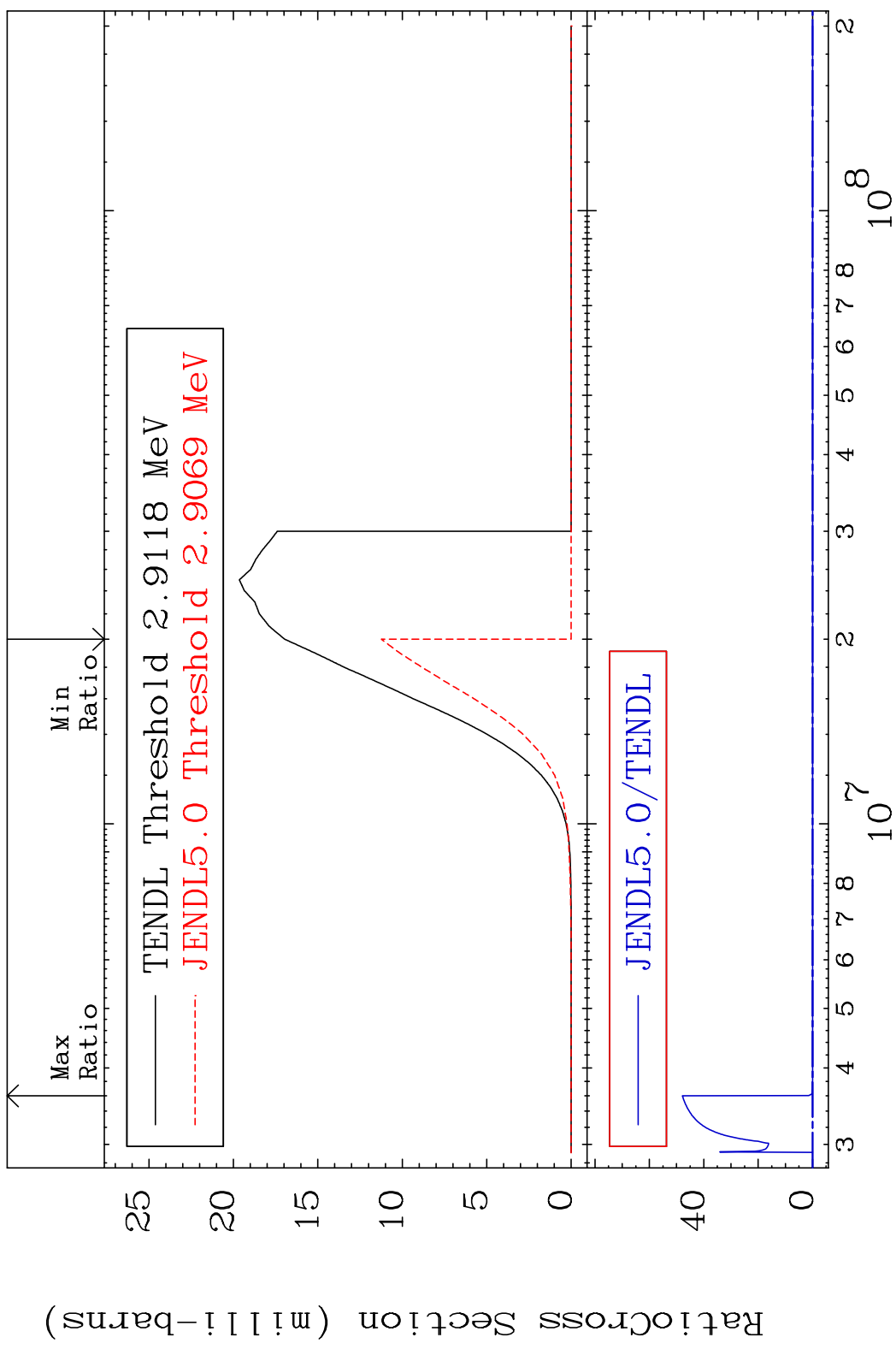
52-Te-126

MAT 5243

(n,p)

52-Te-126

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

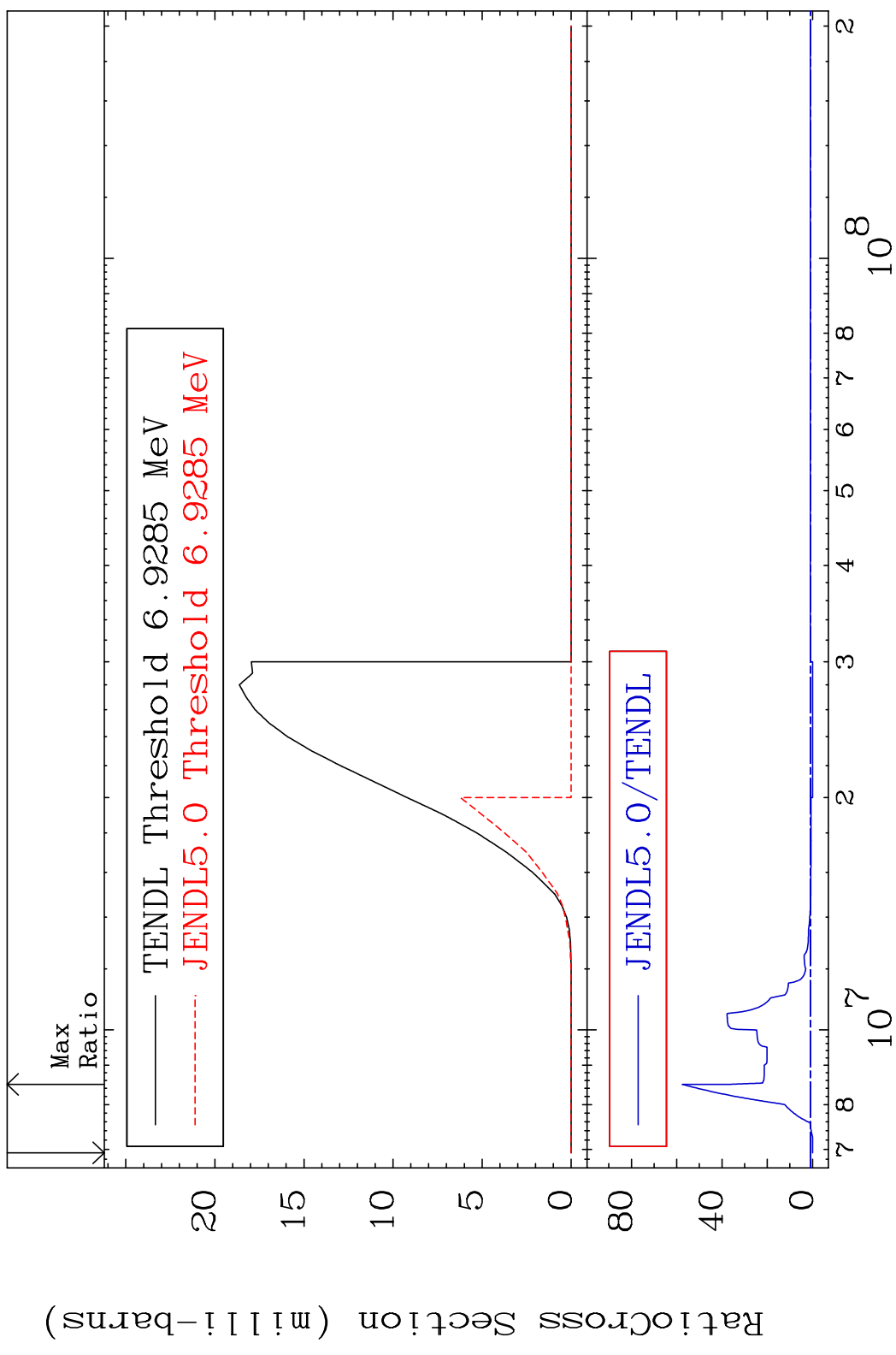
52-Te-126

MAT 5243

(n,d)

52-Te-126

Cross Section -100.0 To 5651. %

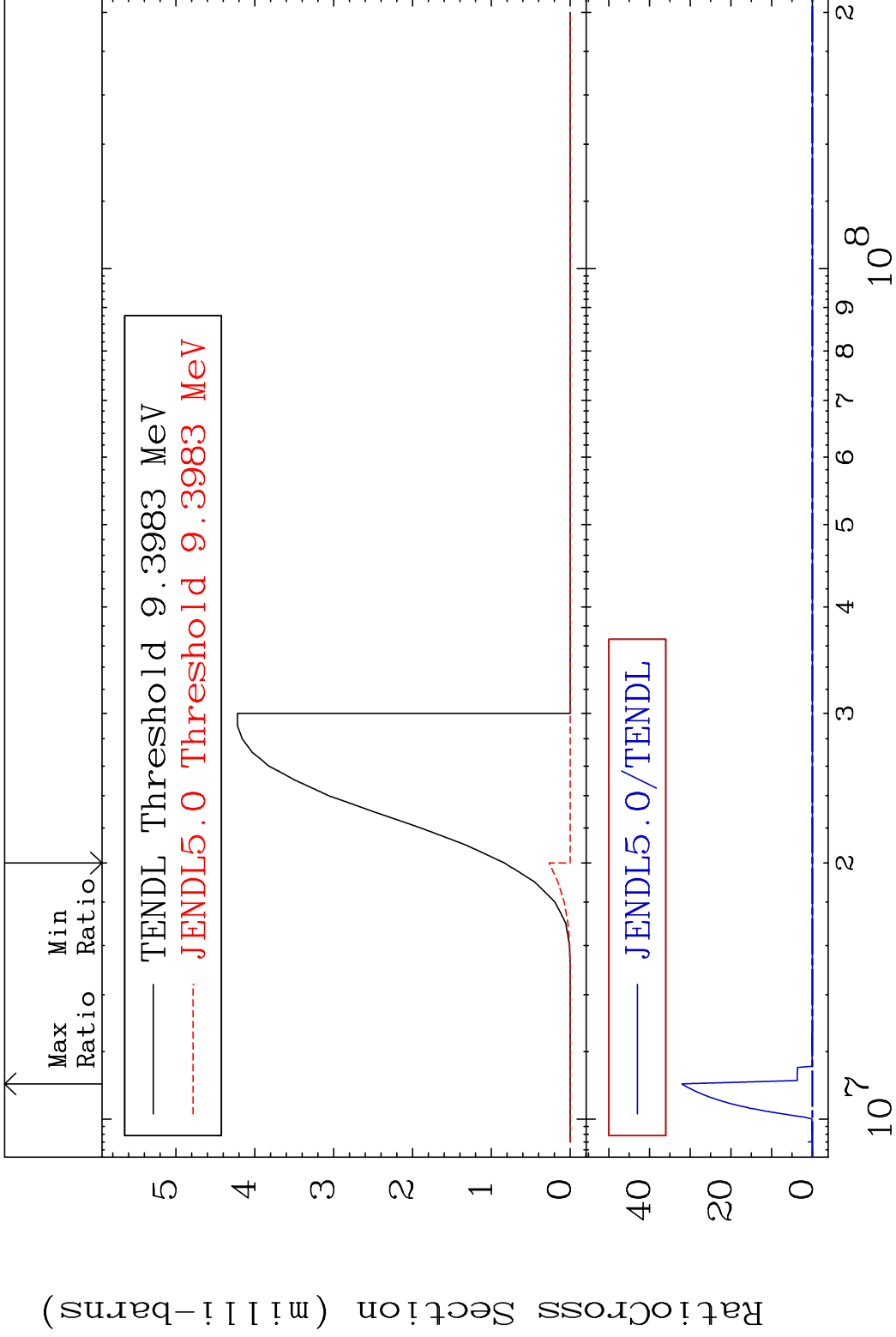


MAT 5243

(n, t)

52-Te-126

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

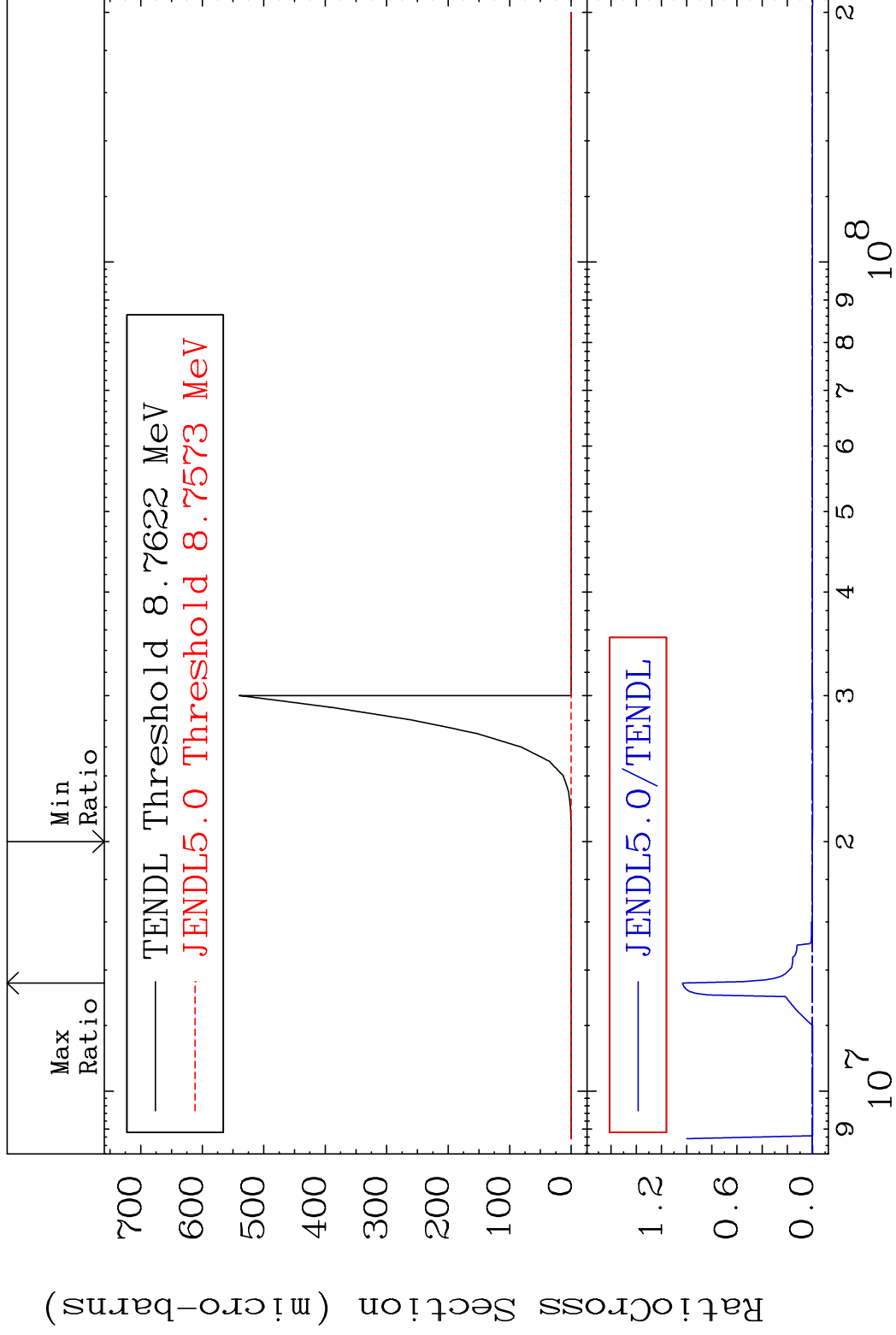
52-Te-126

MAT 5243

(n, He-3)

52-Te-126

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

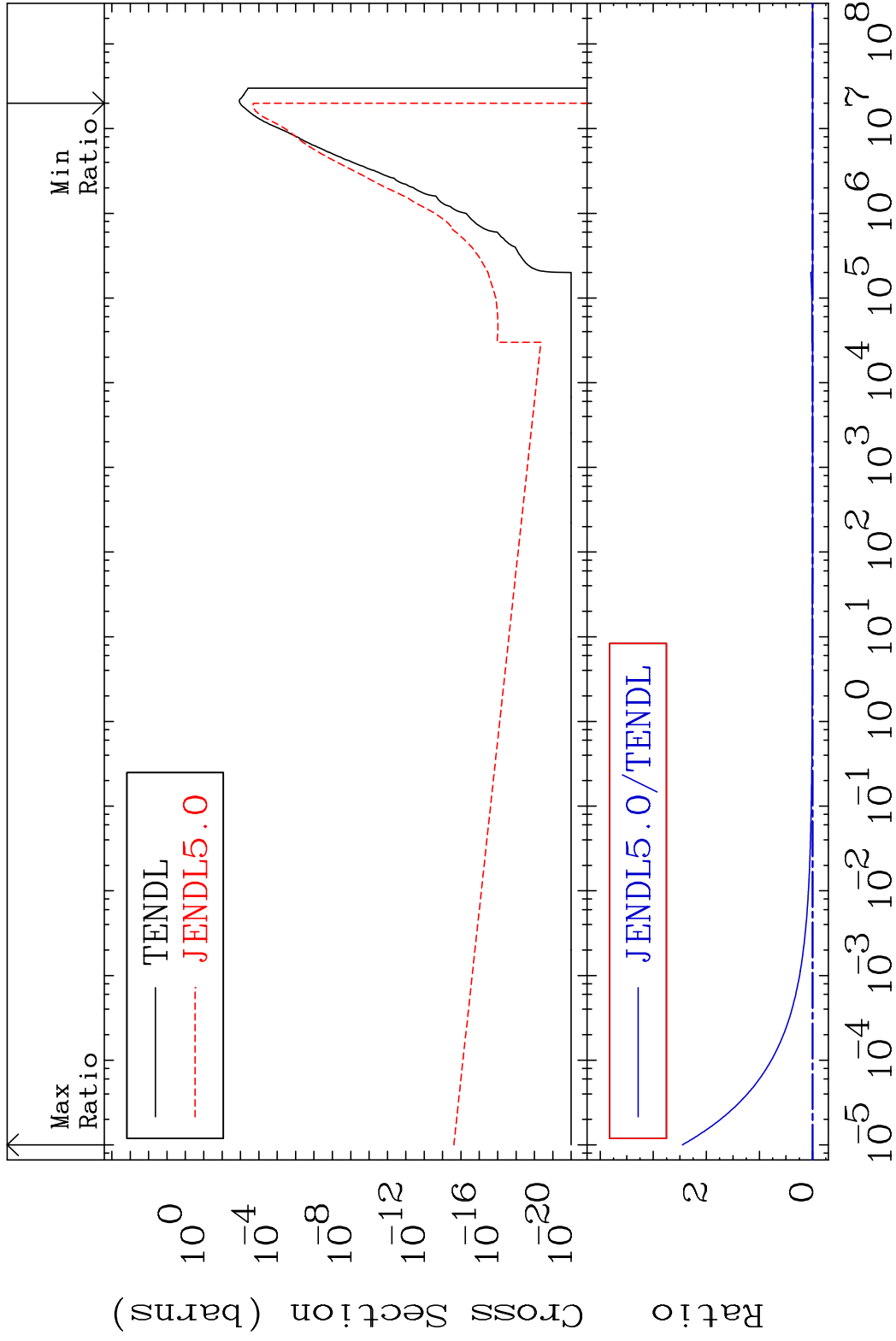
52-Te-126

MAT 5243

(n,  $\alpha$ )

52-Te-126

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

52-Te-126



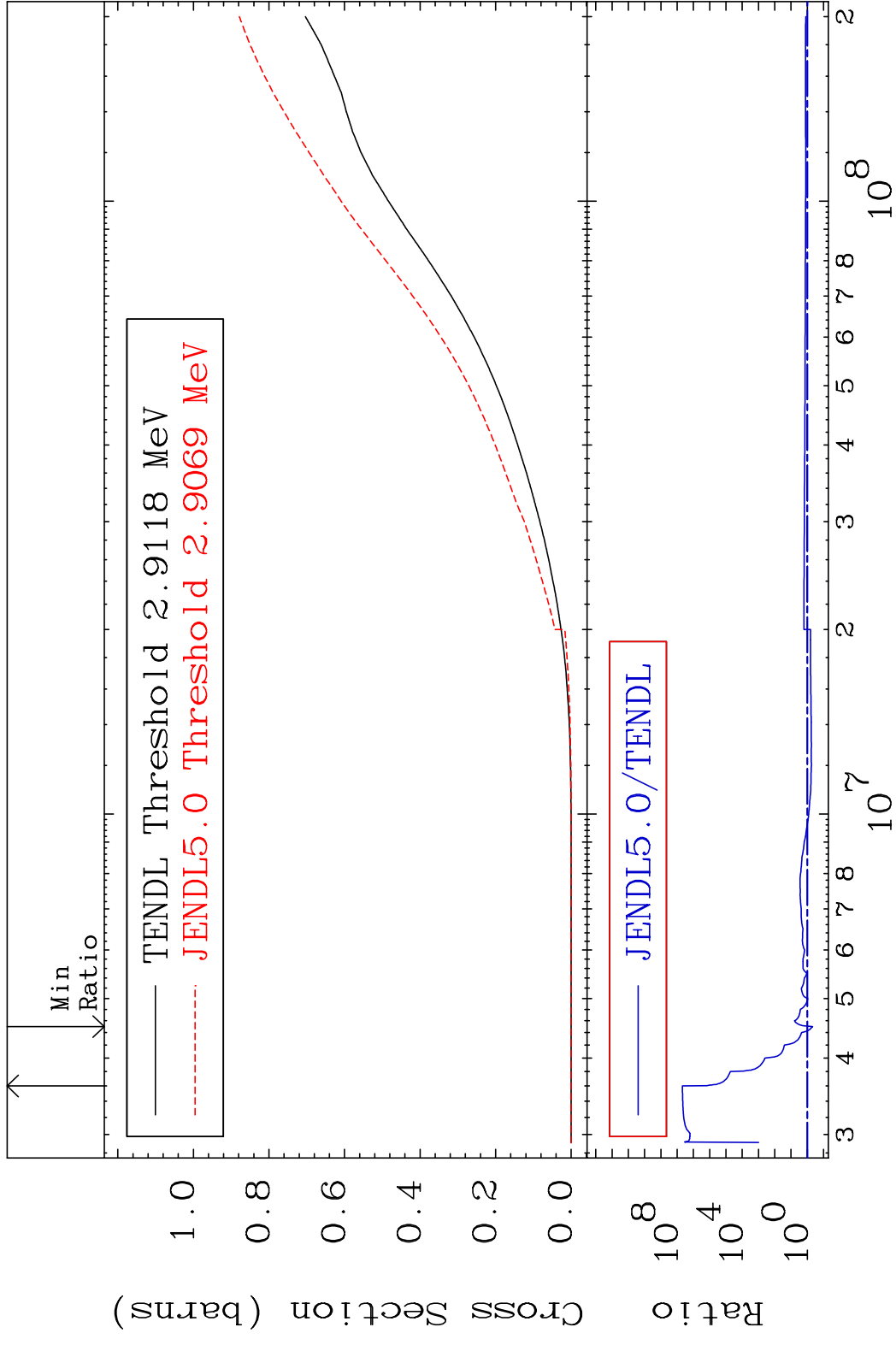
MAT 5243

Hydrogen Production

52-Te-126

Cross Section

-52.69 To 9999. %

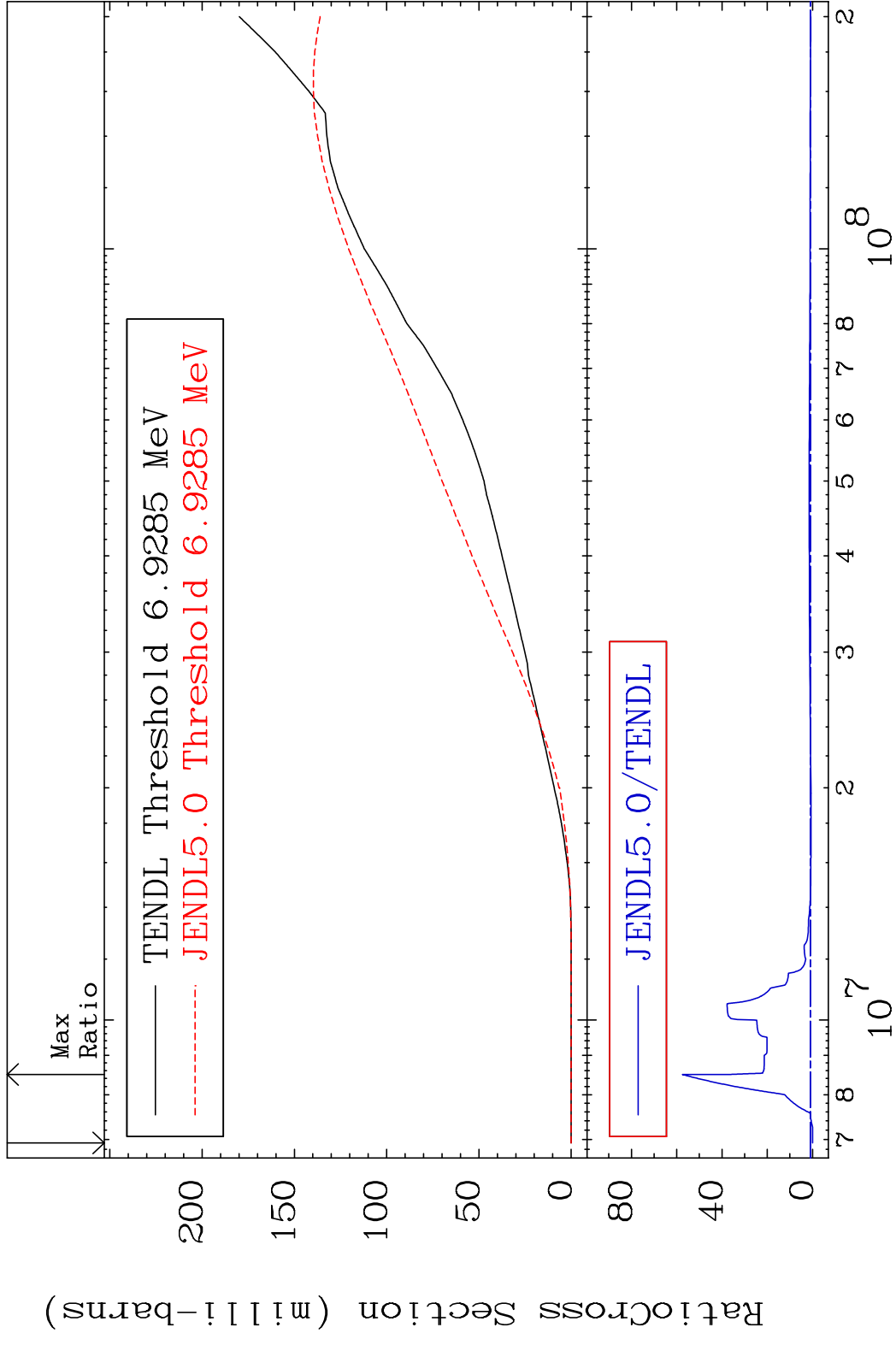


MAT 5243

Deuterium Production

<sup>52</sup>Te-126

Cross Section -100.0 To 5651. %



49

Incident Energy (eV)

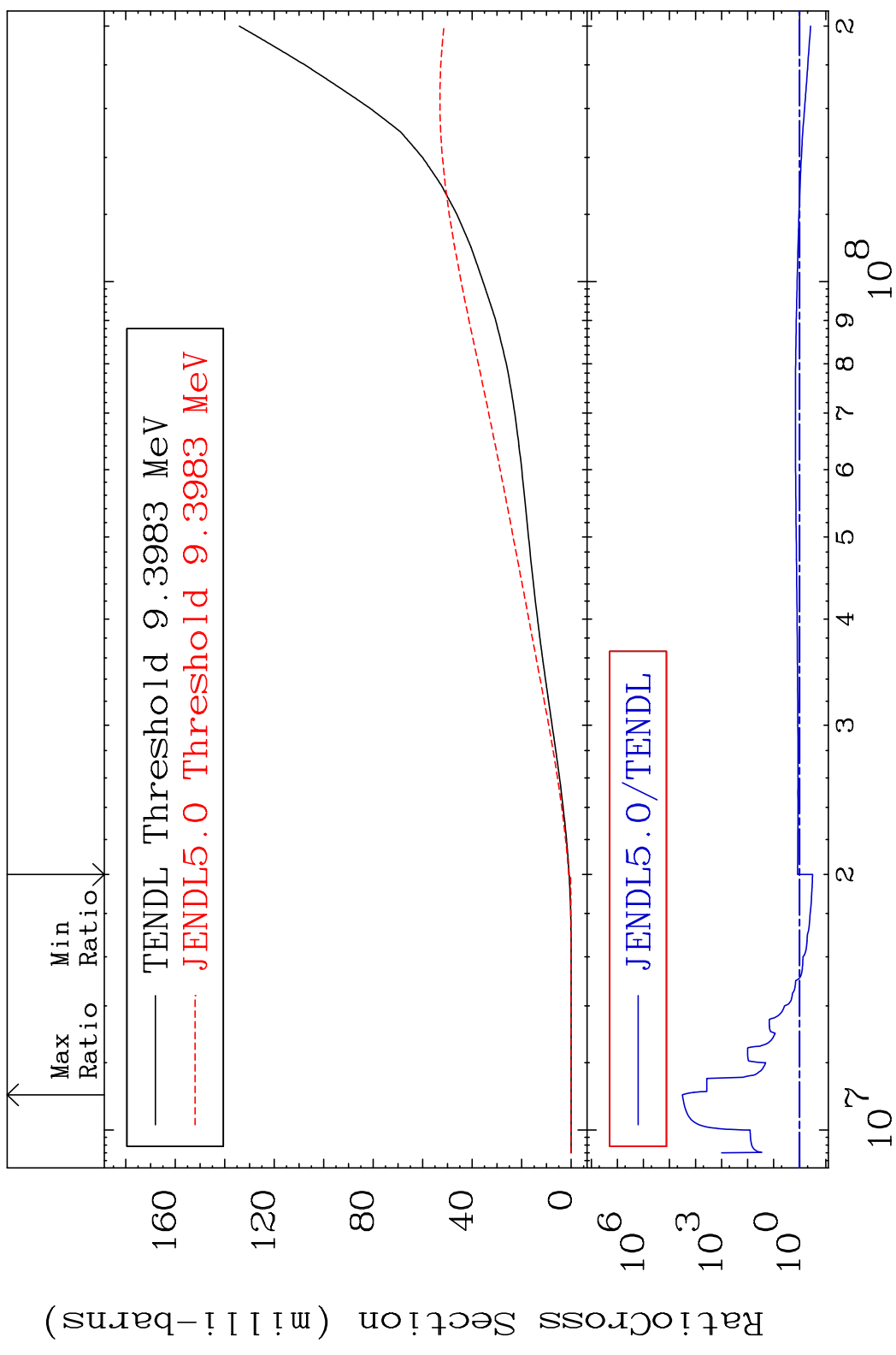
<sup>52</sup>Te-126

MAT 5243

Tritium Production

52-Te-126

Cross Section -67.91 To 9999. %



50

Incident Energy (eV)

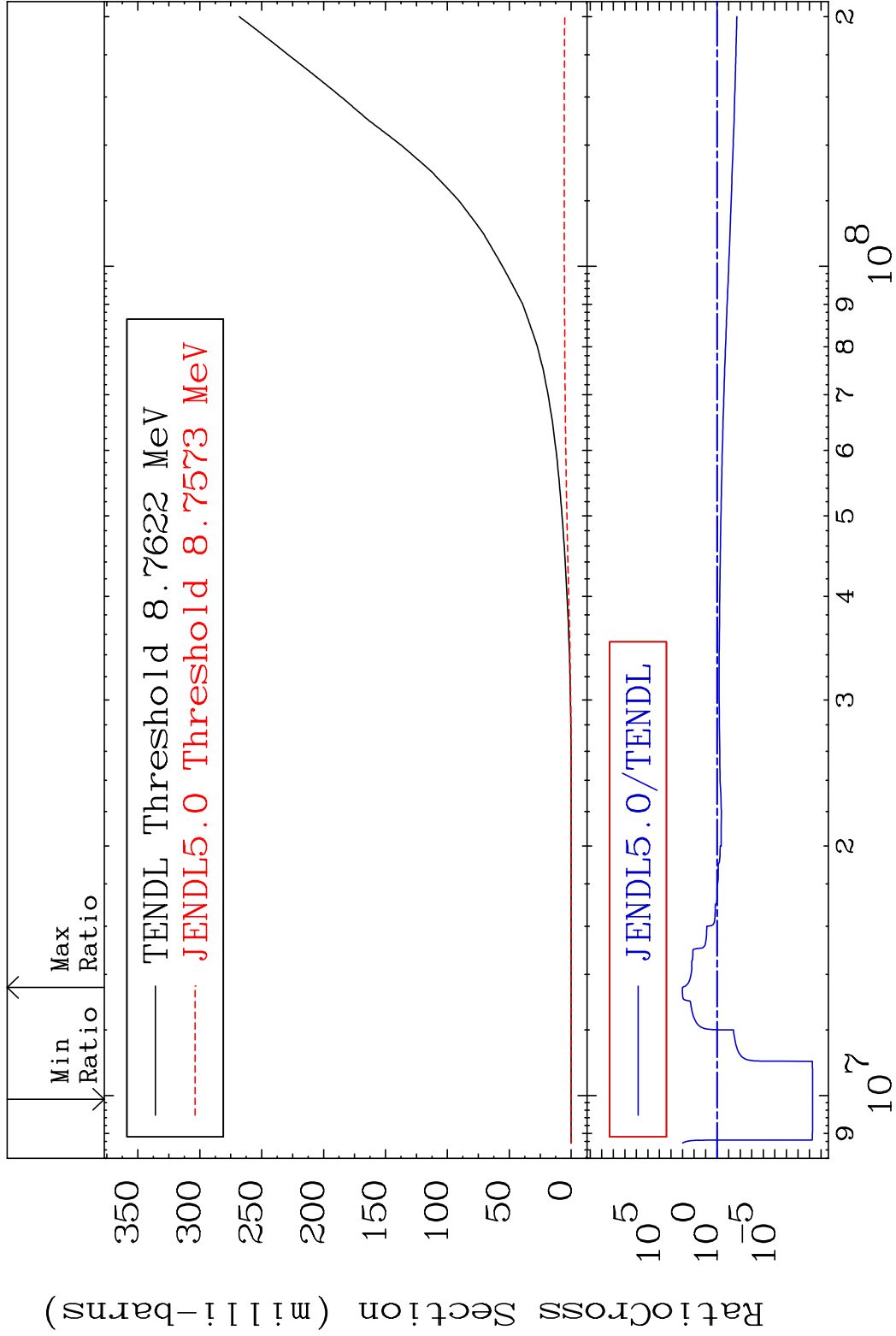
52-Te-126

MAT 5243

He-3 Production

52-Te-126

Cross Section -100.0 To 9999. %

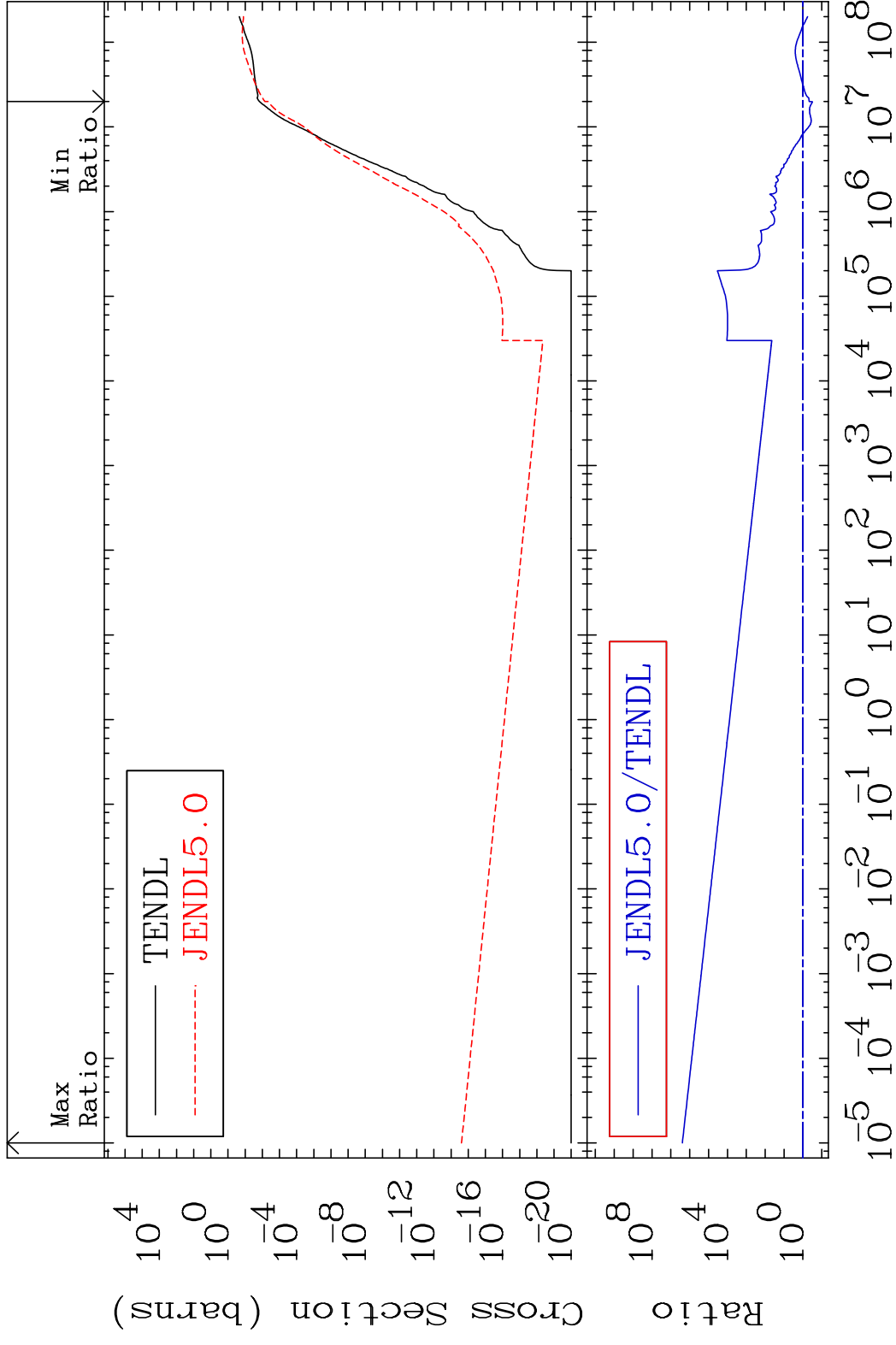


MAT 5243

He-4 Production

52-Te-126

Cross Section -69.22 To 9999. %

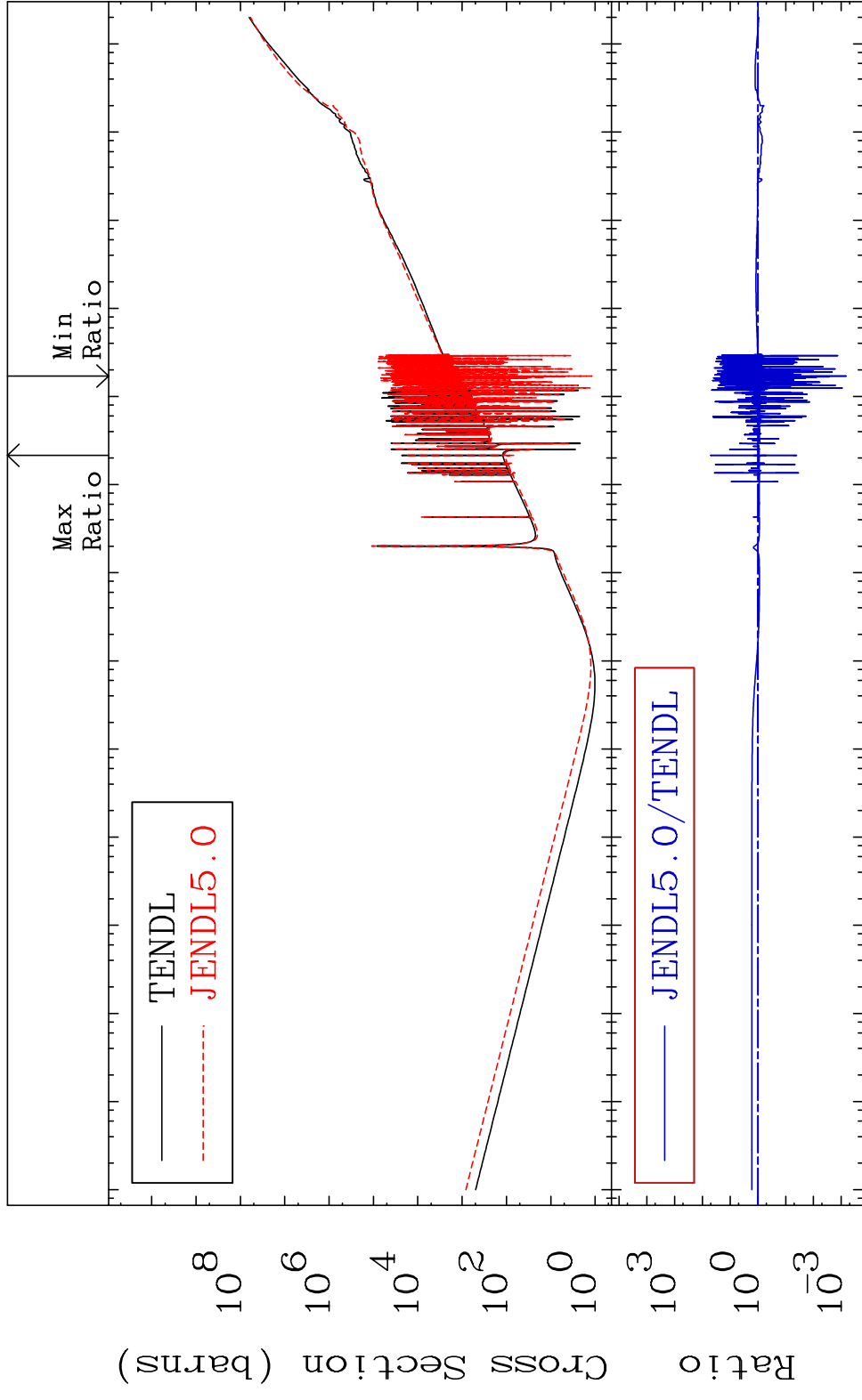


52

Incident Energy (eV)

52-Te-126

MAT 5243 Kerma total (eV-barns) 52-Te-126  
 Cross Section -99.93 To 4926. %

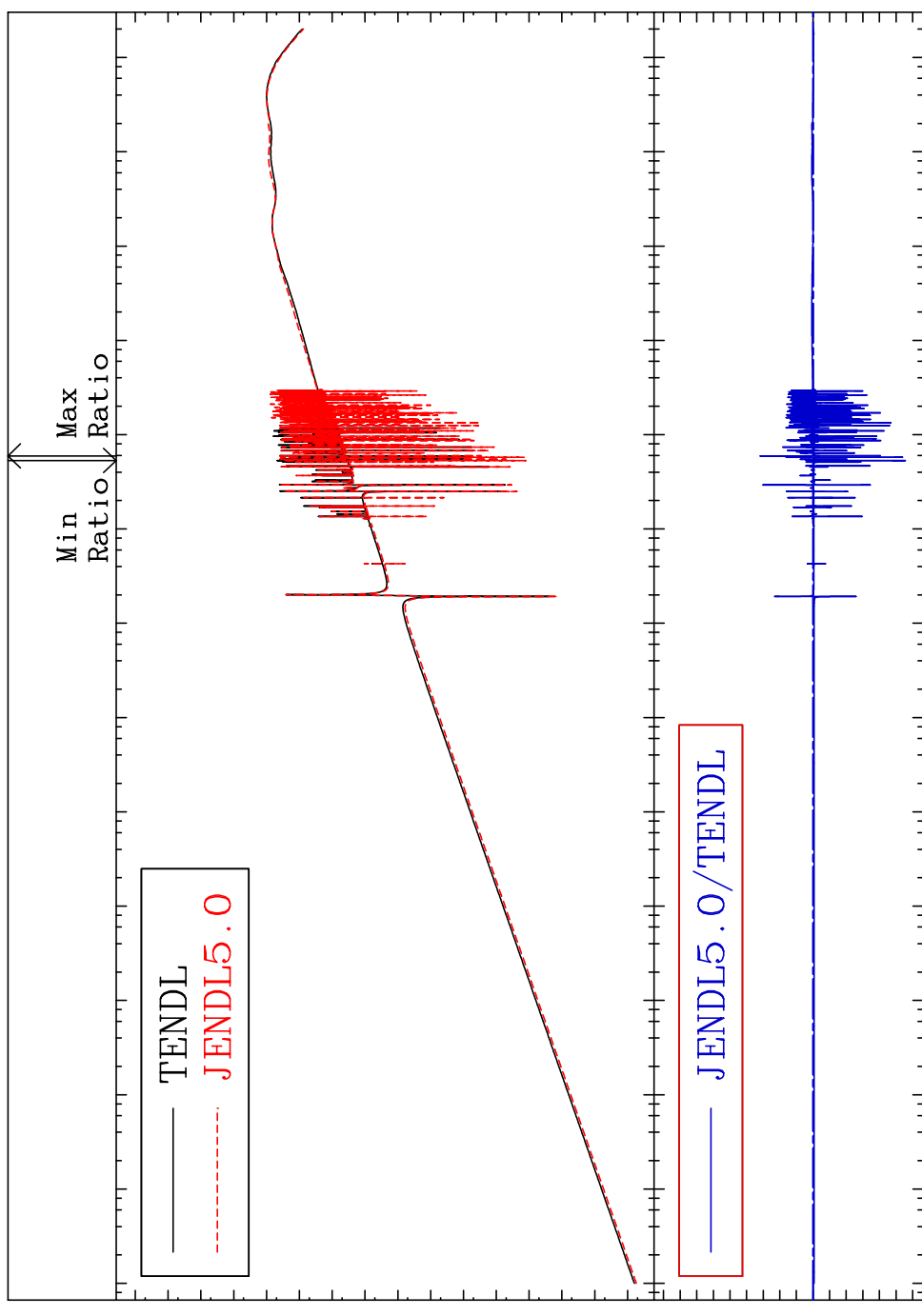


53 Incident Energy (eV) 52-Te-126

MAT 5243

Kerma elastic  
Cross Section -100.0 To 9999. %

52-Te-126

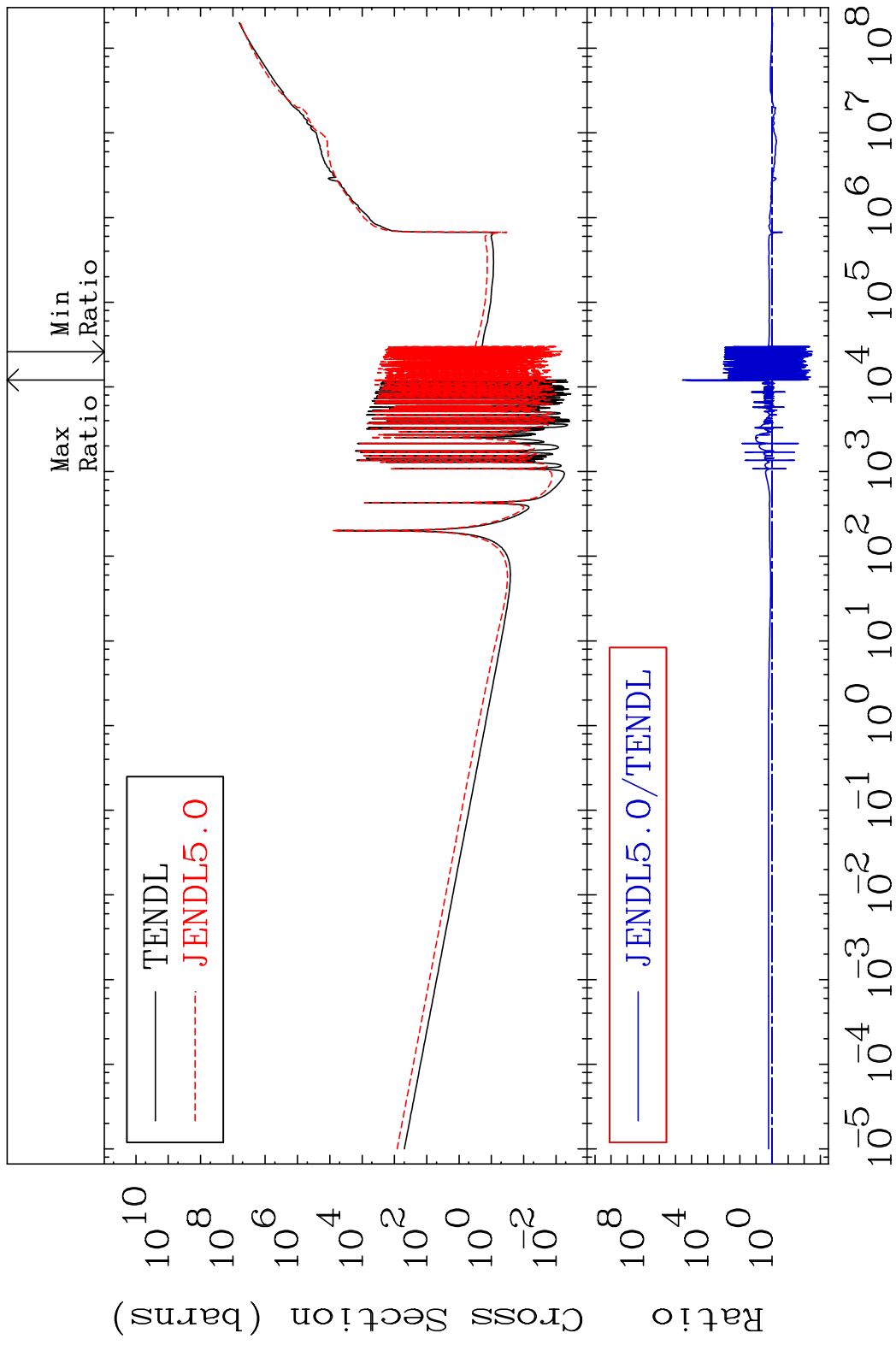


10<sup>8</sup>  
10<sup>6</sup>  
10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>  
10<sup>-2</sup>  
10<sup>-4</sup>  
10<sup>-6</sup>  
Cross Section (barns)

10<sup>4</sup>  
10<sup>0</sup>  
10<sup>-4</sup>  
Ratio

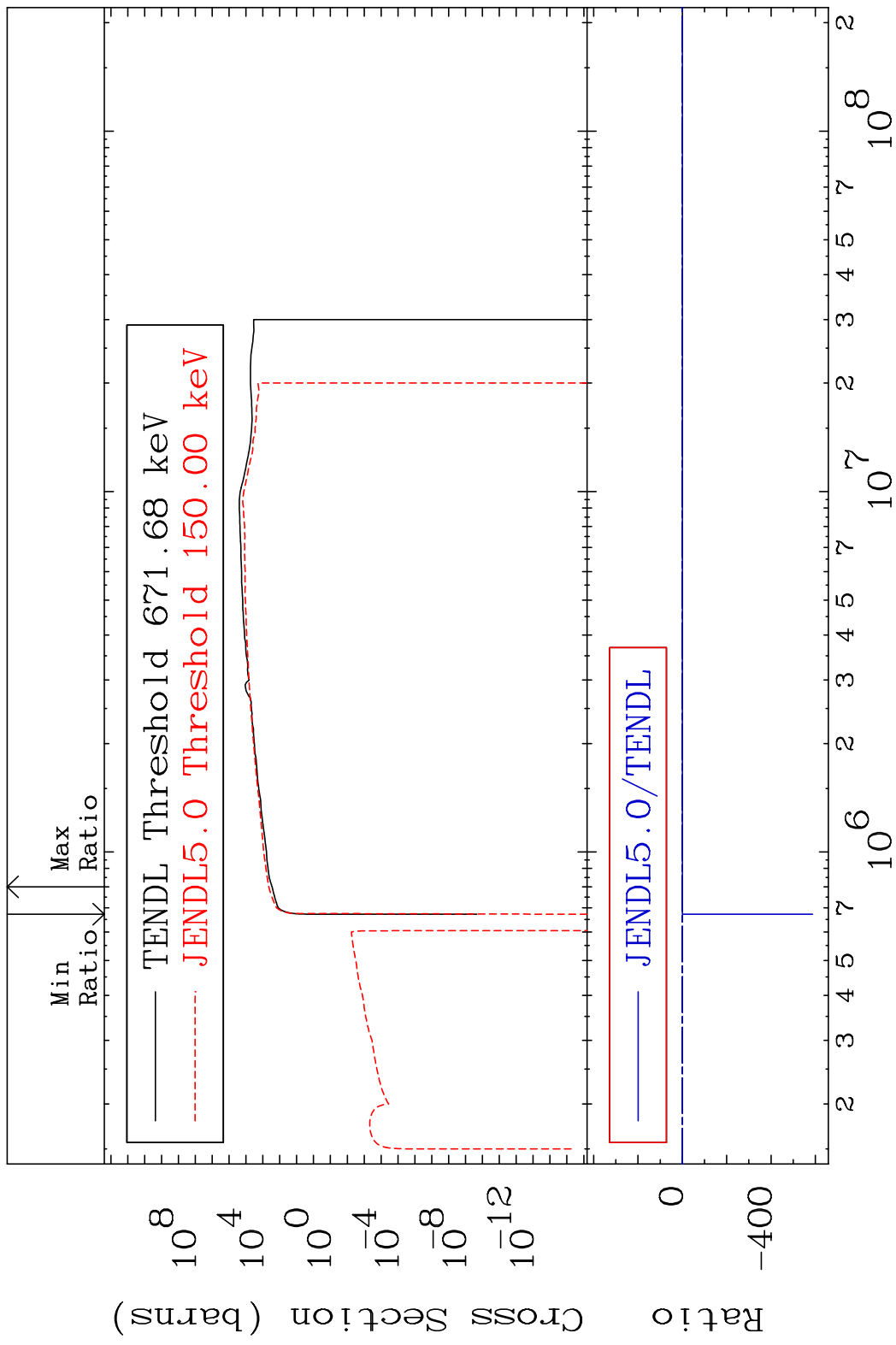
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>  
Incident Energy (eV)

MAT 5243 Kerma non-elastic (all but mt2) 52-Te-126  
 Cross Section -99.69 To 9999. %

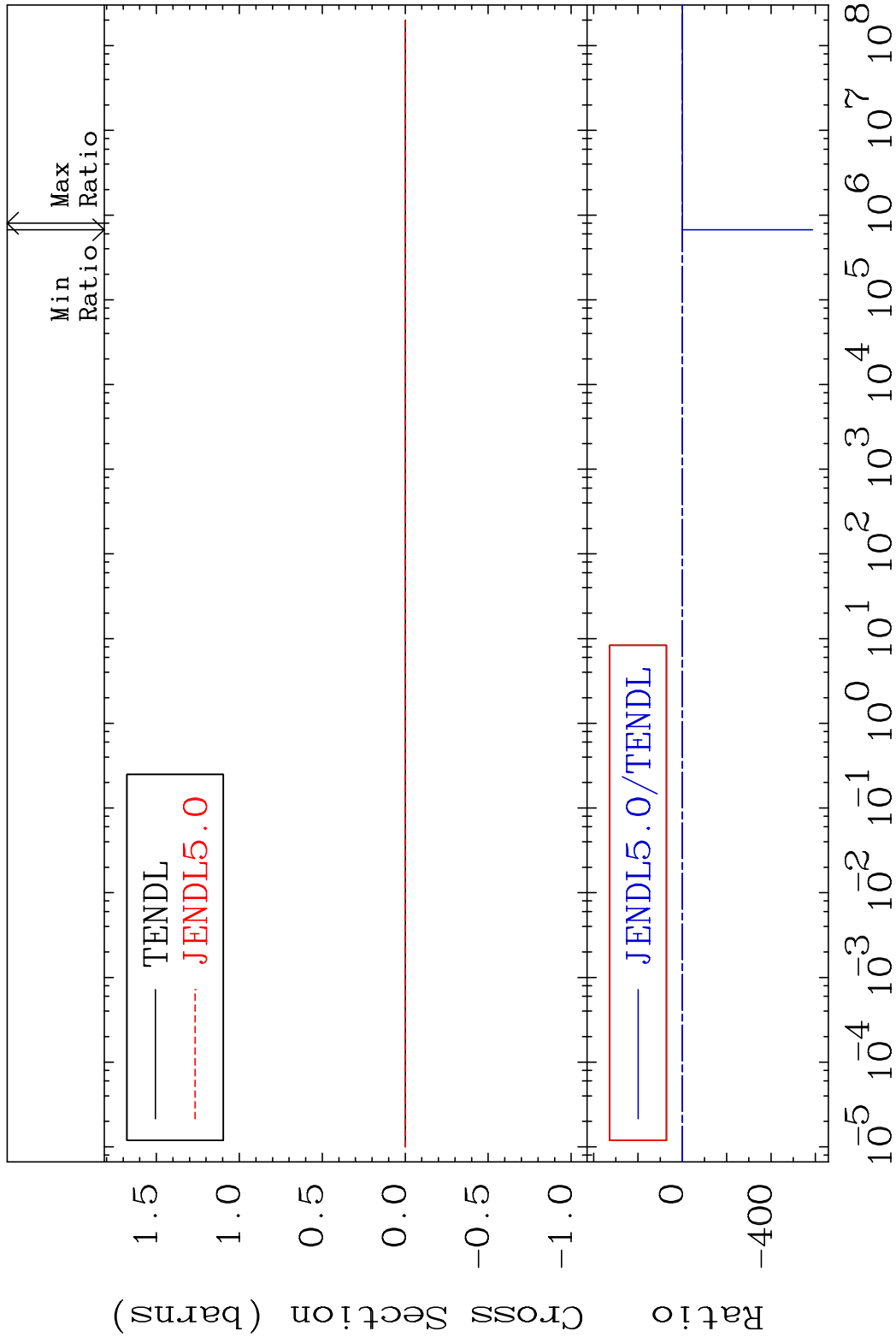




MAT 5243 Kerma inelastic (mt51-91) 52-Te-126  
 Cross Section -9999. To 59.42 %

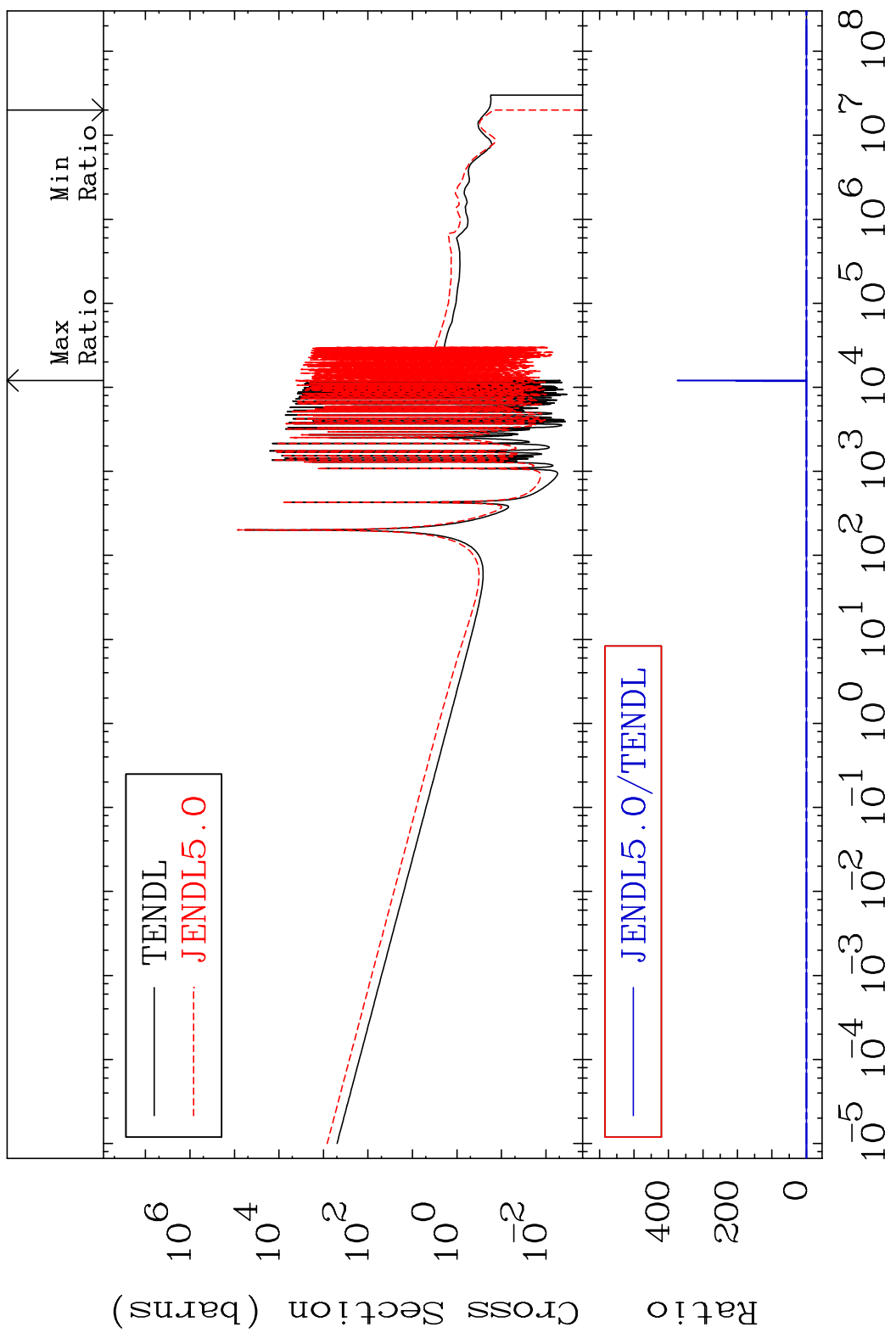


MAT 5243 Kerma fission (mt18 or mt19-20-21-38) 52-Te-126  
 Cross Section -9999. To 59.42 %



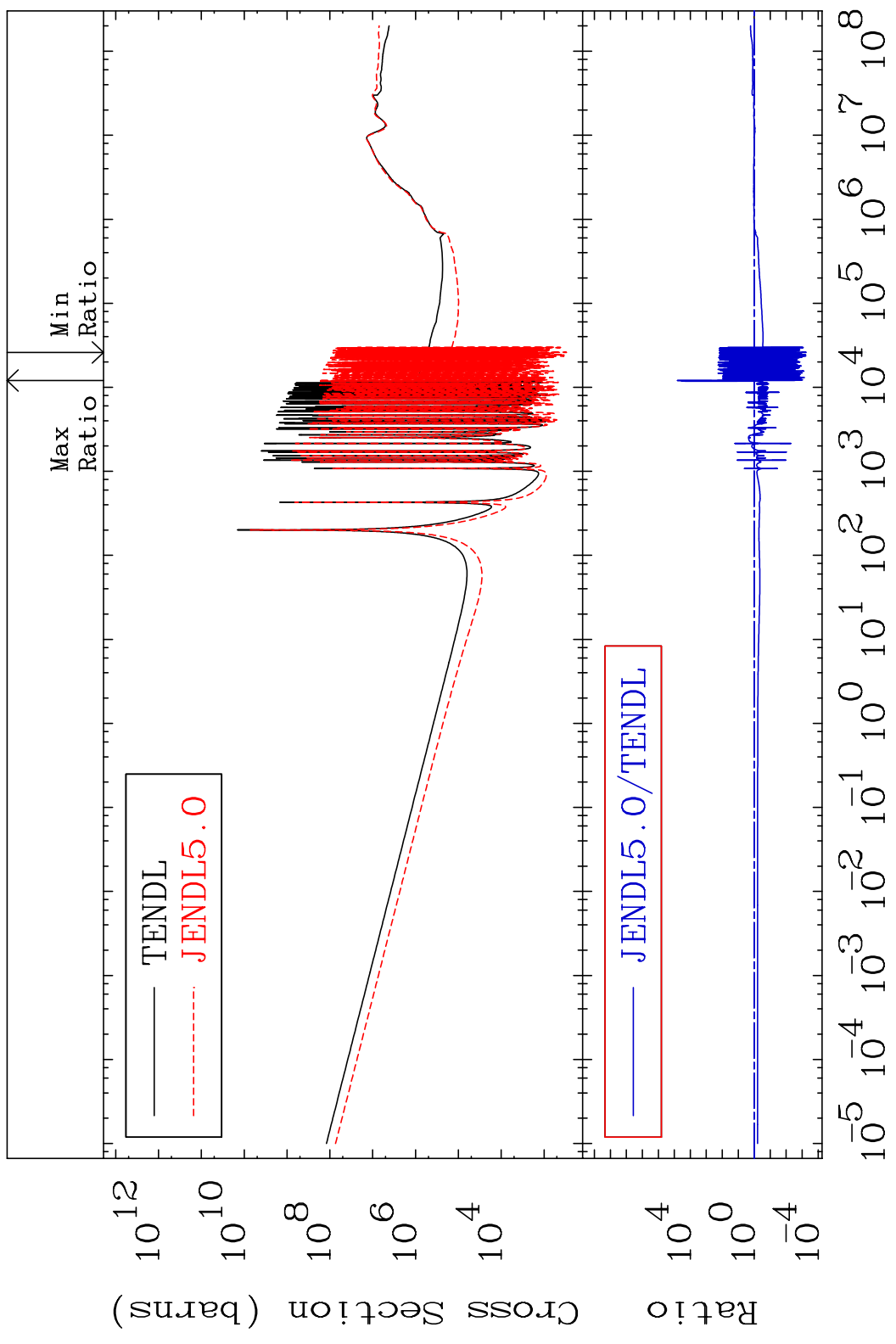
MAT 5243

Kerma capture (mt102) 52-Te-126  
Cross Section -100.0 To 9999. %



MAT 5243

Total photon (eV-barns) 52-Te-126  
Cross Section -99.95 To 9999. %

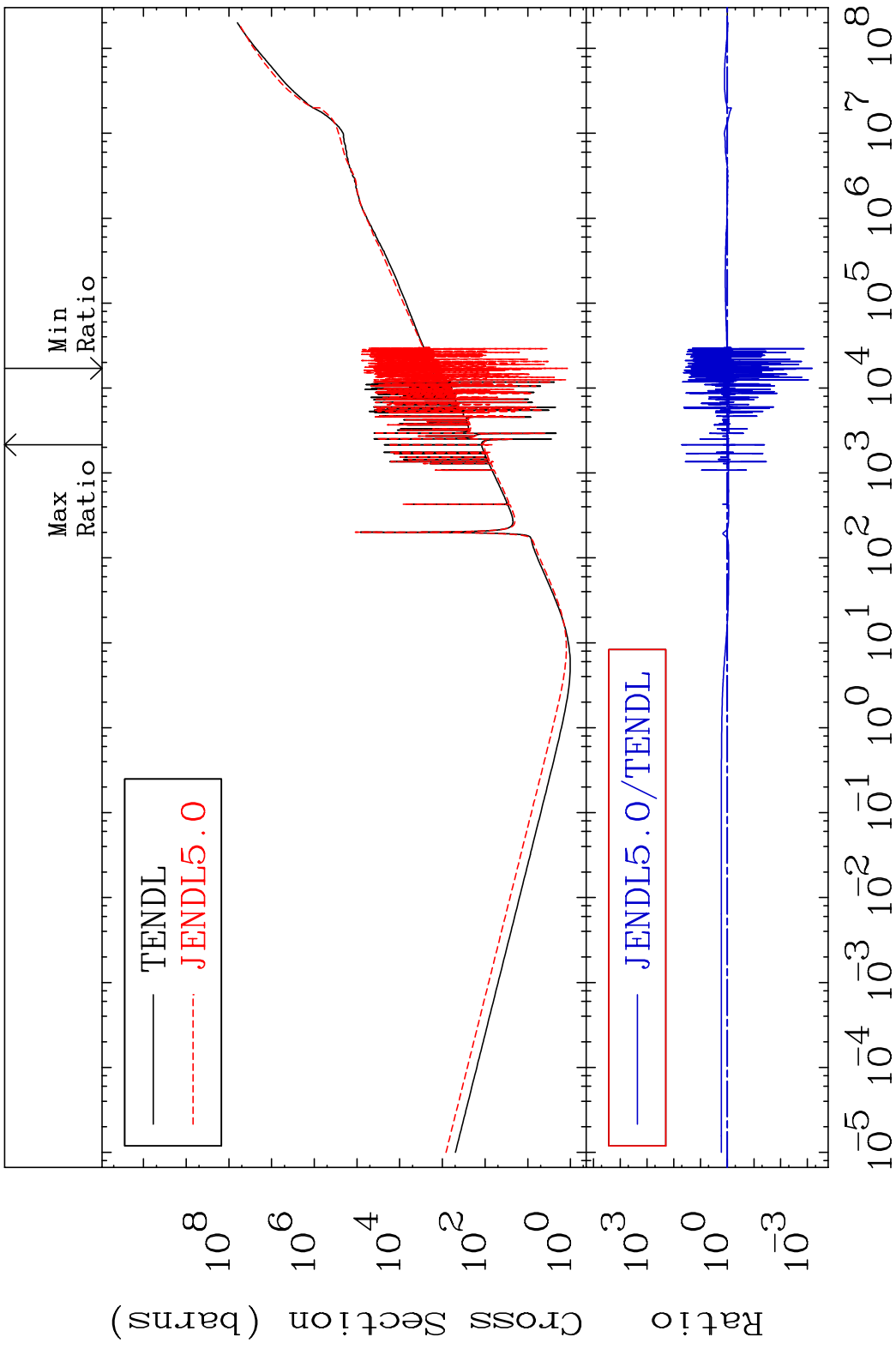


59

Incident Energy (eV)

52-Te-126

MAT 5243 Total kinematic kerma (high limit) 52-Te-126  
Cross Section -99.93 To 4926. %

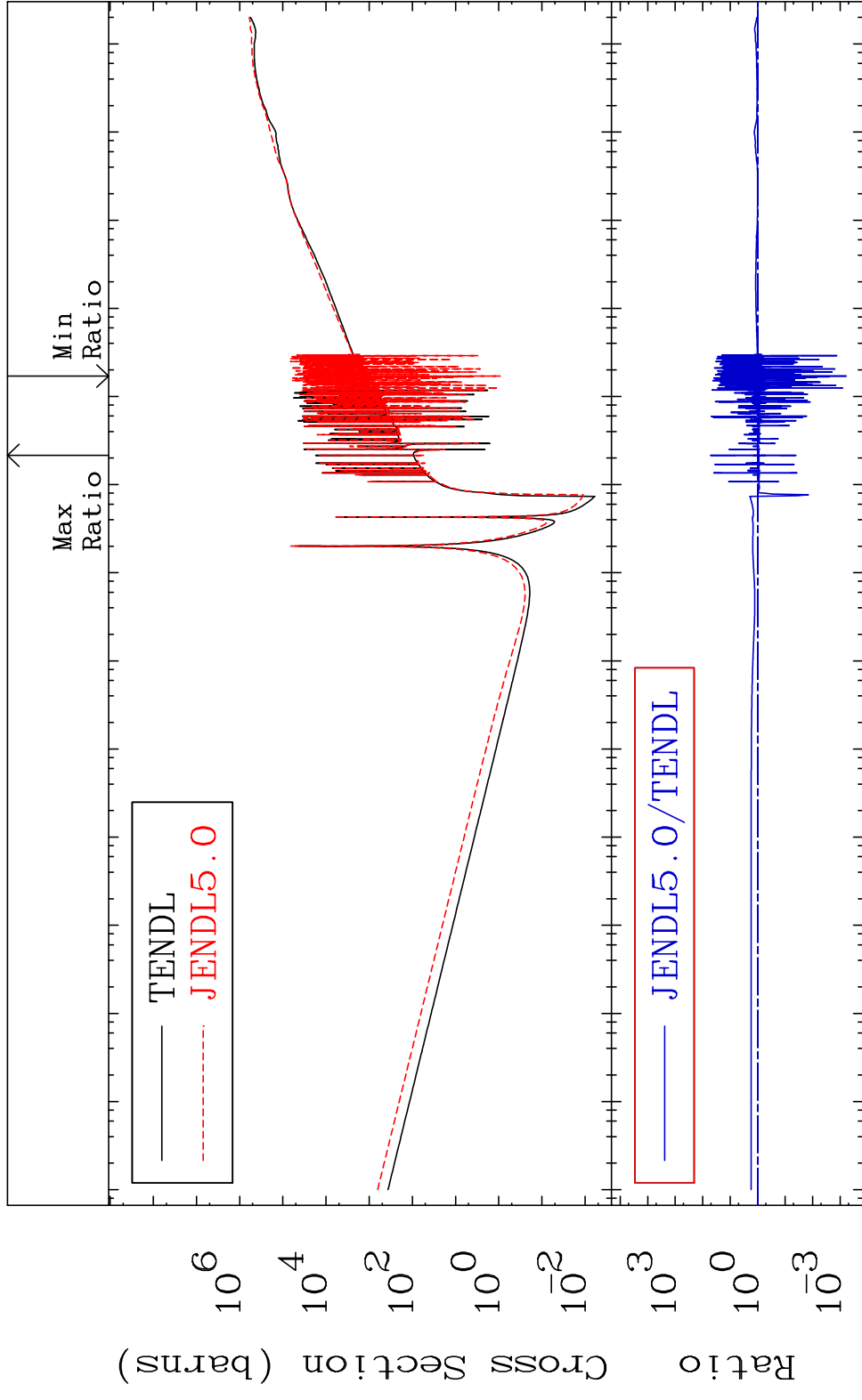


MAT 5243

Dpa total (eV-barns)

52-Te-126

Cross Section -99.94 To 5019. %



Ratio

10<sup>6</sup>

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>

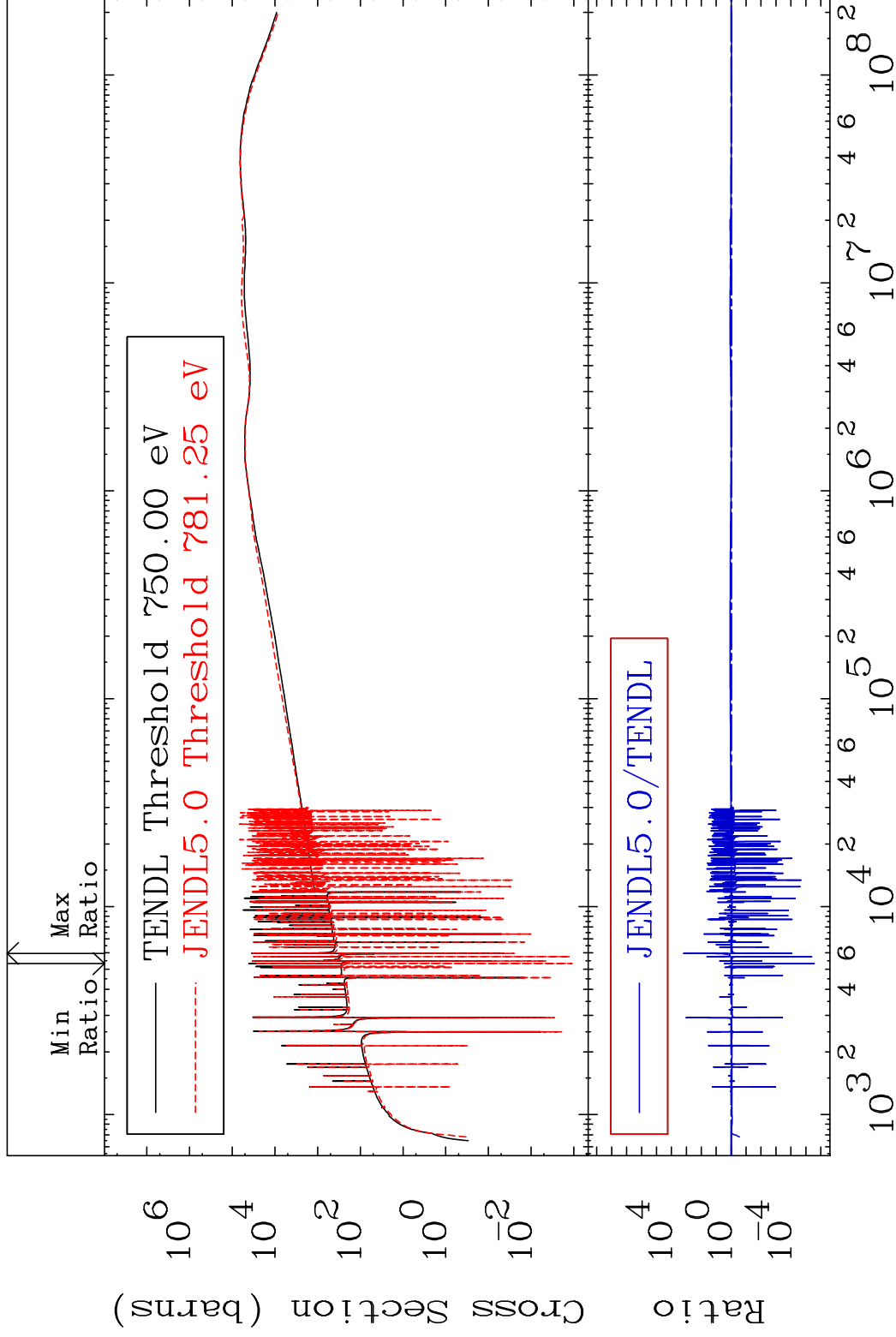
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

MAT 5243

Dpa elastic (mt2)

52-Te-126

Cross Section -100.0 To 9999. %



62

Incident Energy (eV)

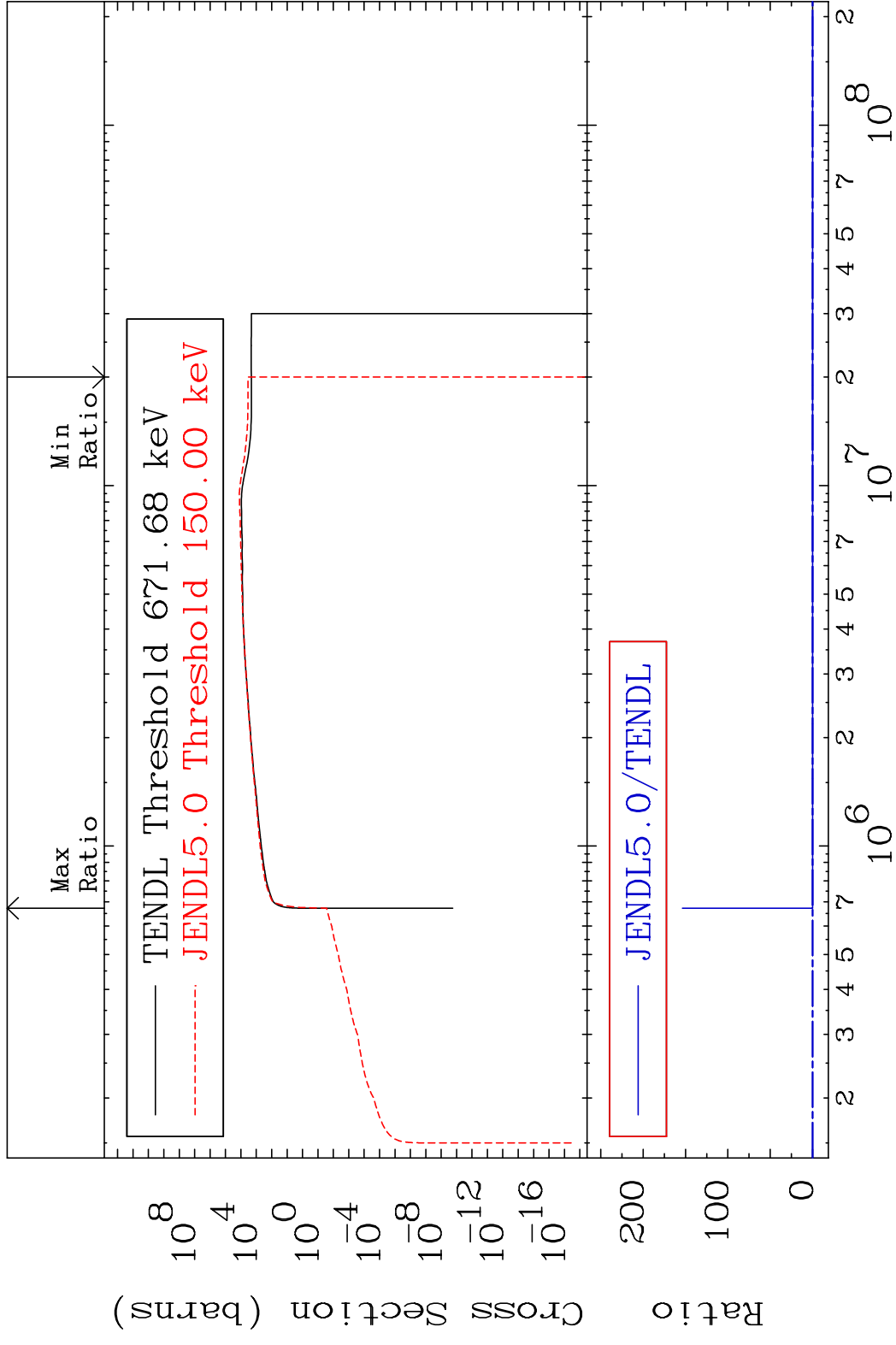
52-Te-126

MAT 5243

Dpa inelastic (mt51-91)

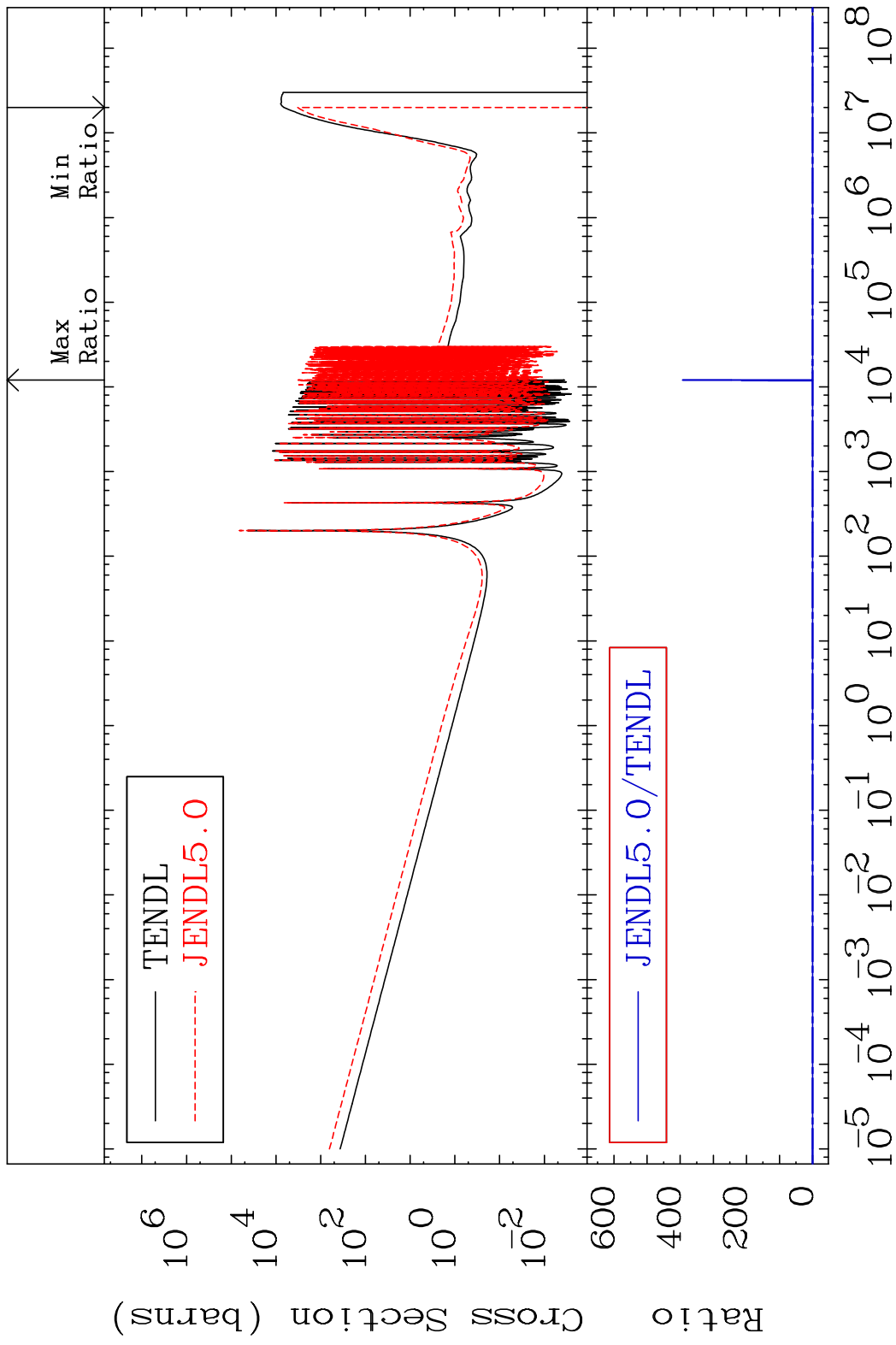
52-Te-126

Cross Section -100.0 To 9999. %

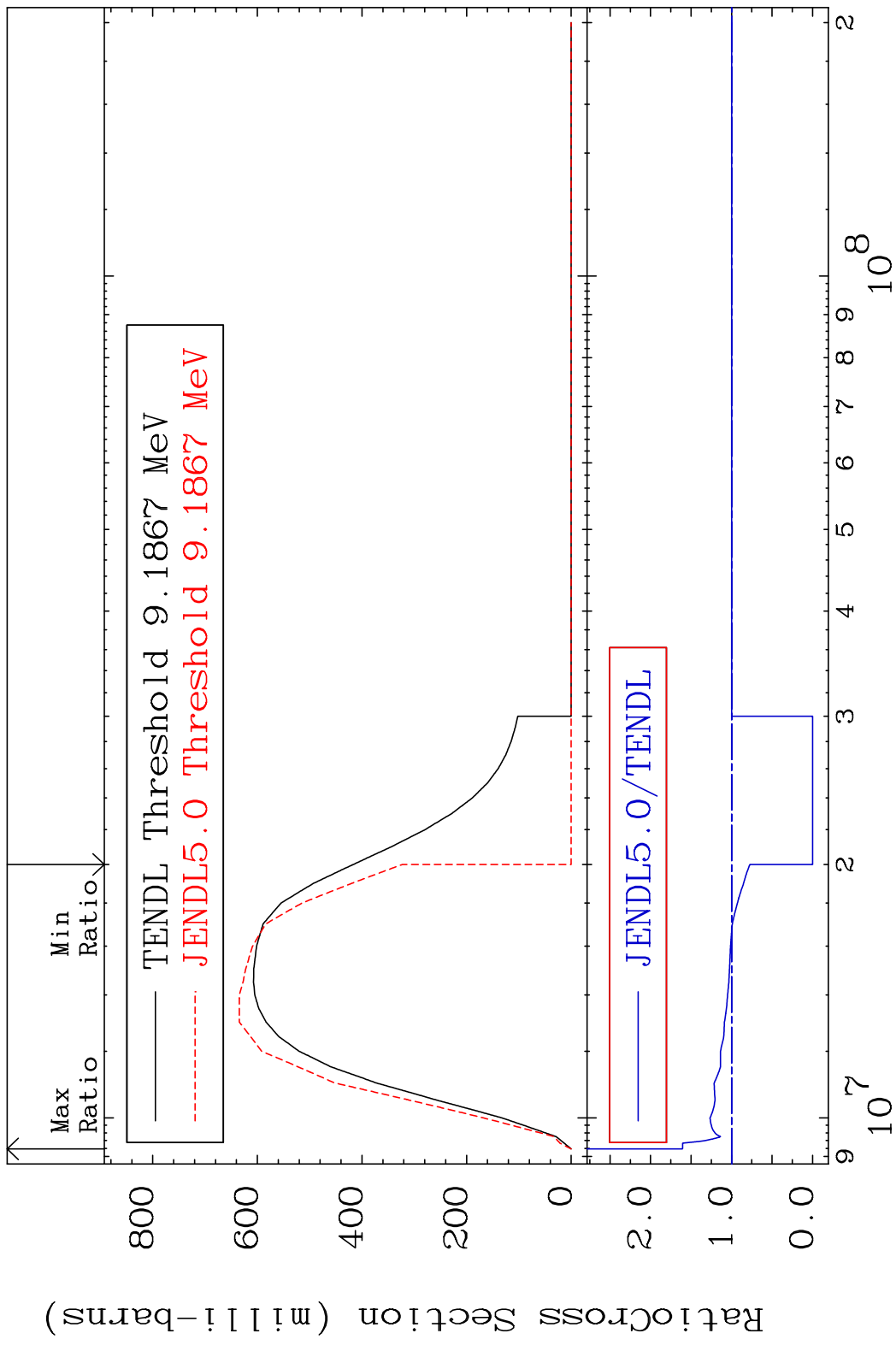




MAT 5243 Dpa disappearance (mt102 -120) 52-Te-126  
 Cross Section -100.0 To 9999. %

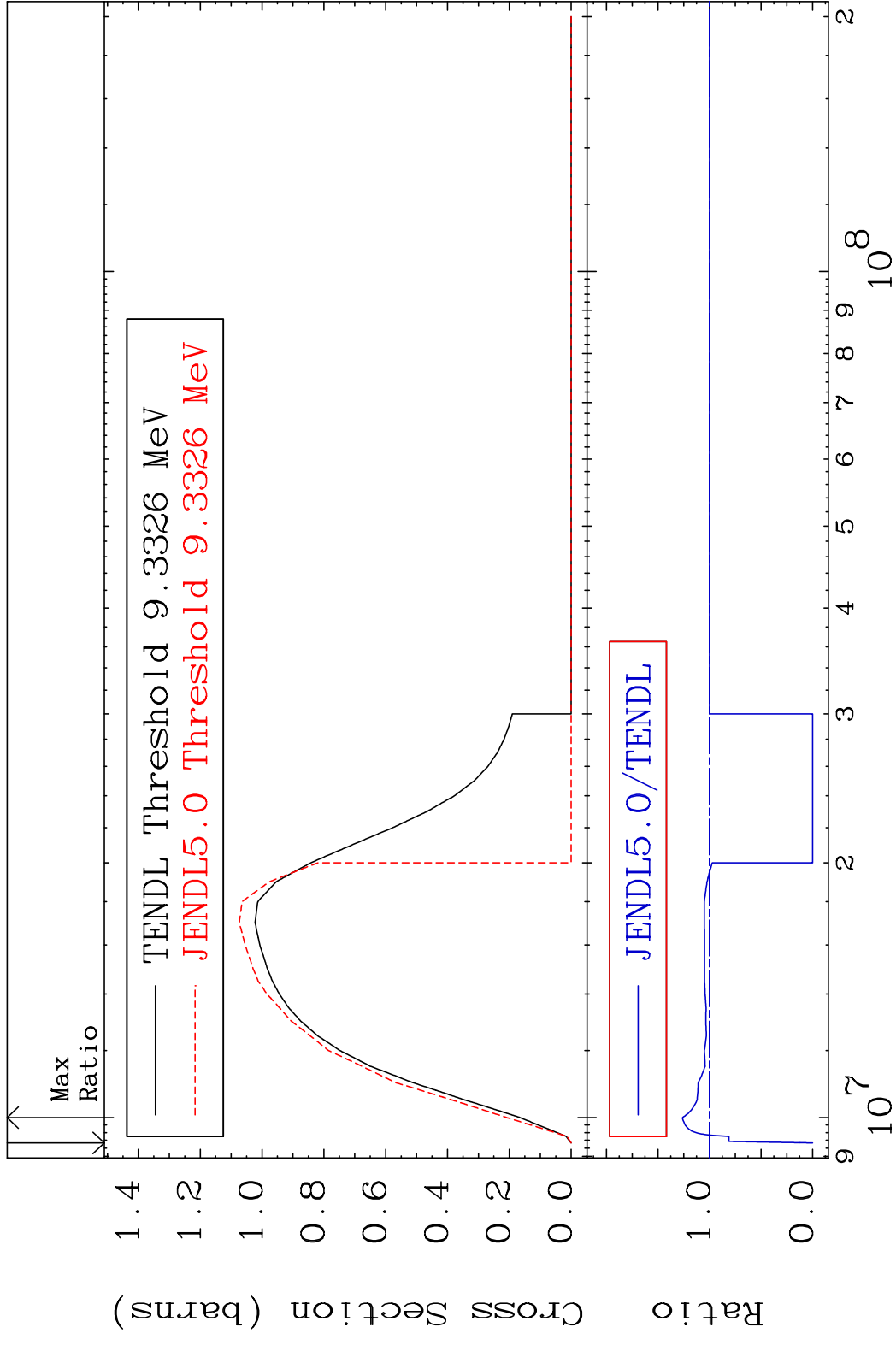


MAT 5243 (n,2n):52-Te-125g 52-Te-126  
 Radionuclide Production Cross Section 60.73 %

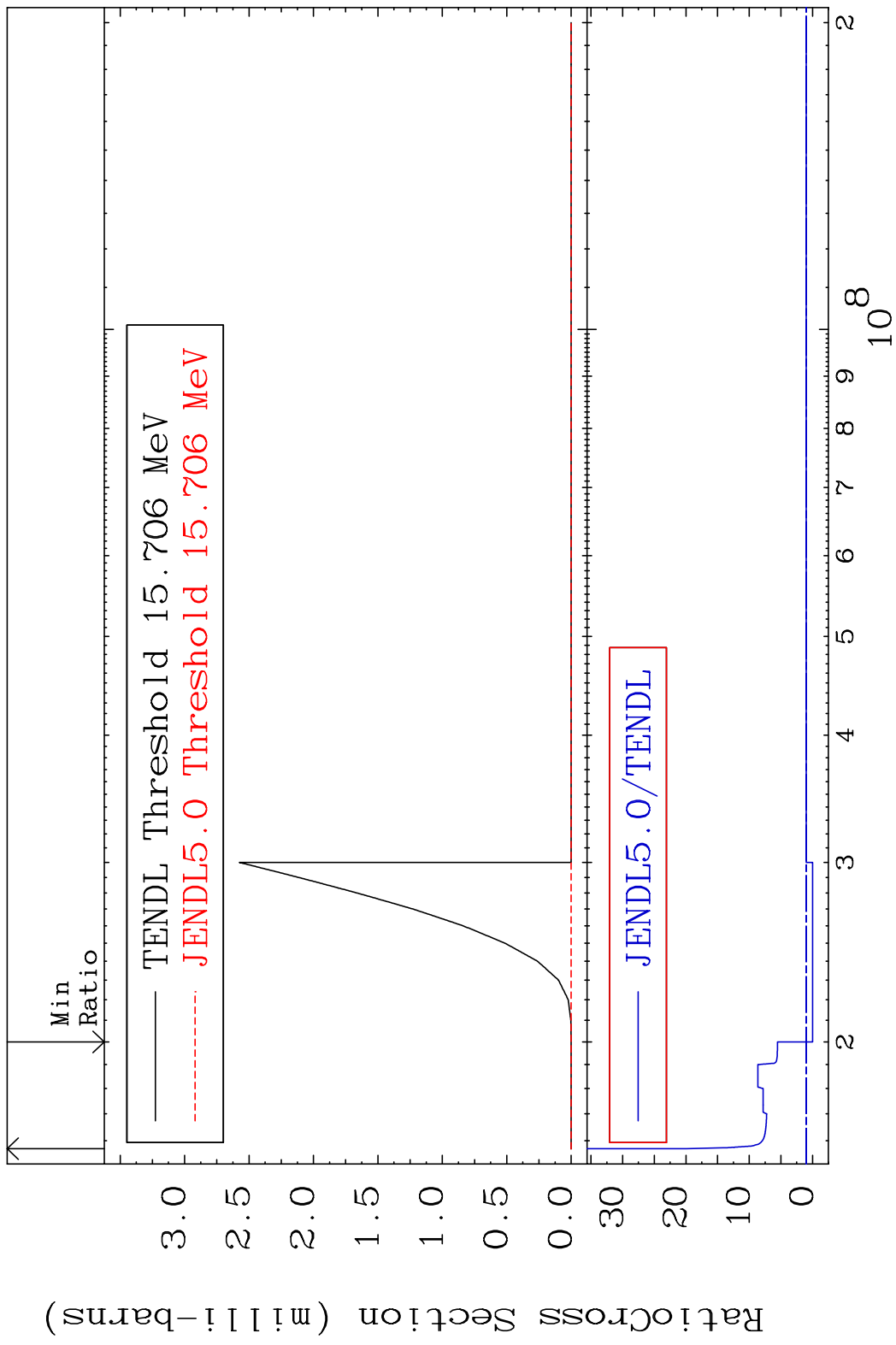


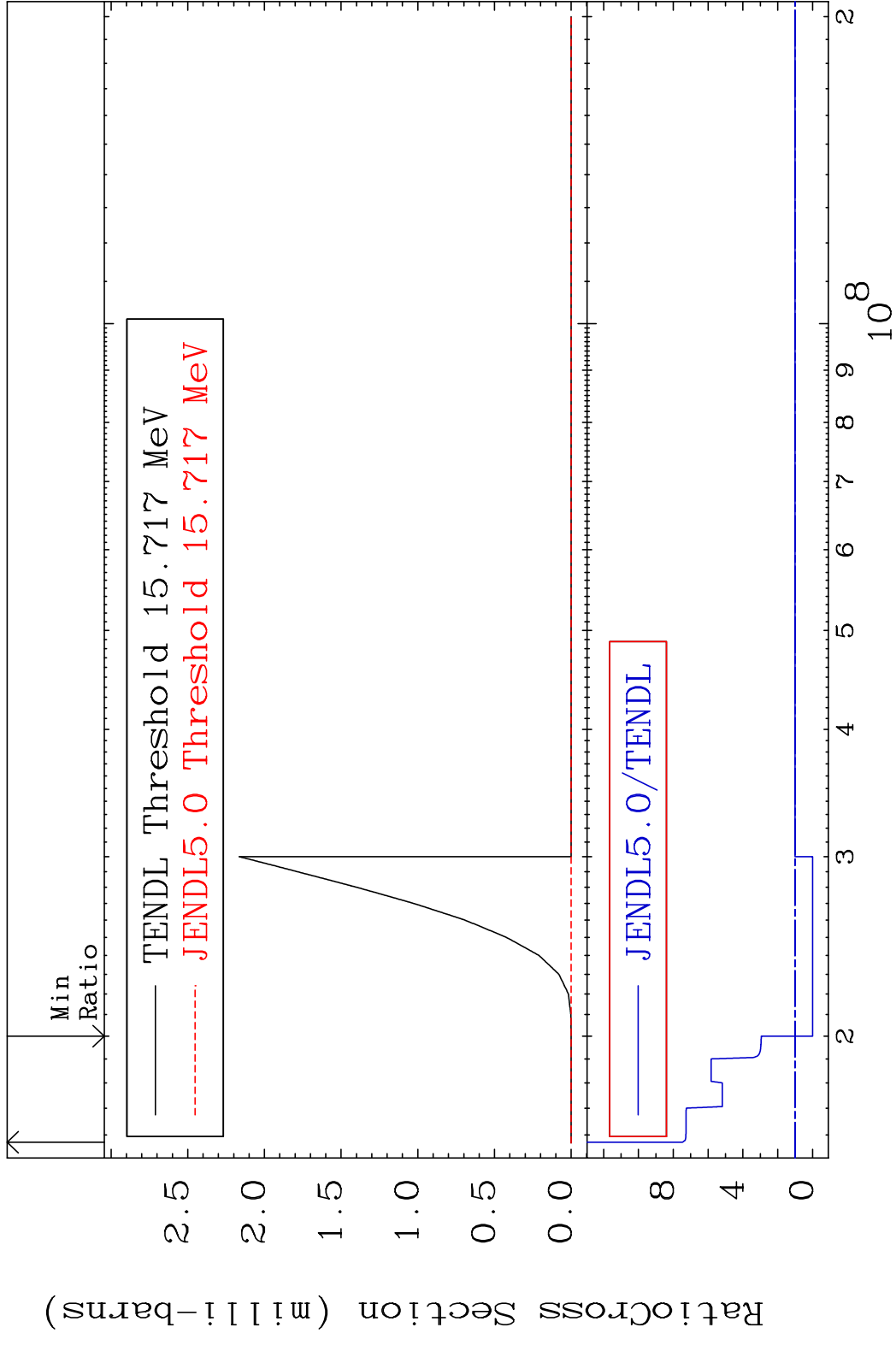
65 52-Te-126

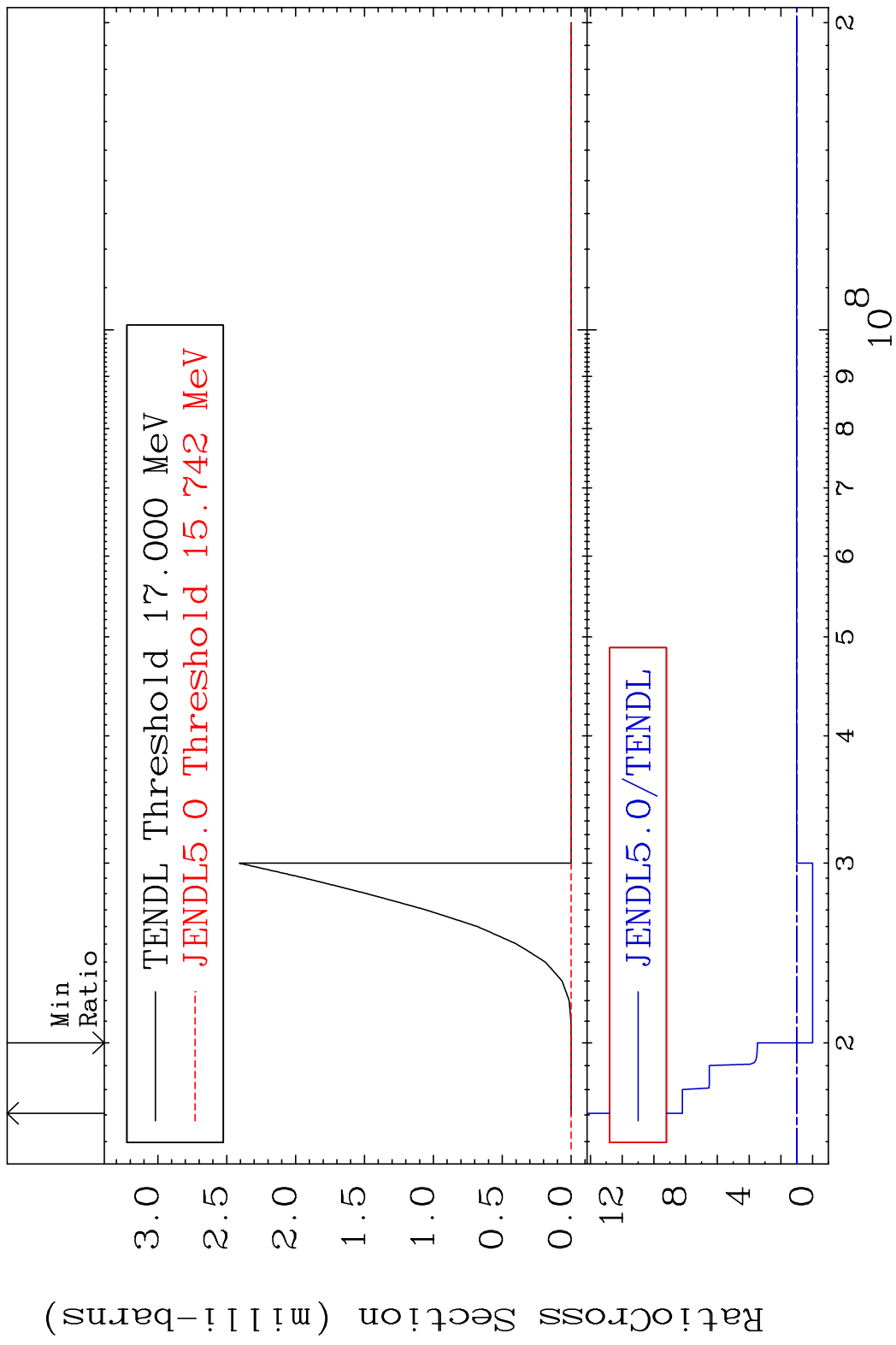
MAT 5243 (n, 2n):52-Te-125m2 52-Te-126  
 Radionuclide Production Cross Section 180.01 dth 26.28 %



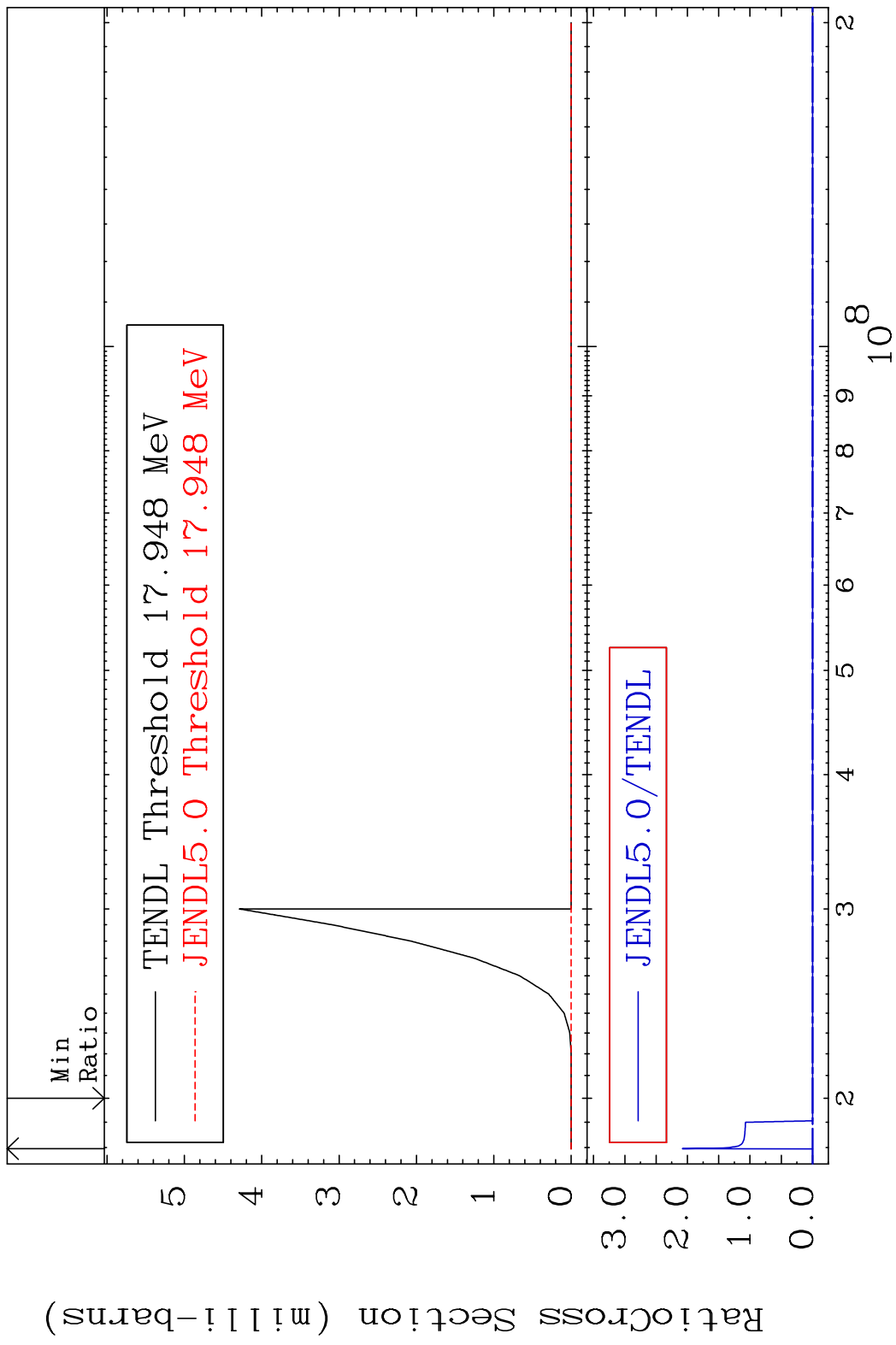
66 Incident Energy (eV) 52-Te-126



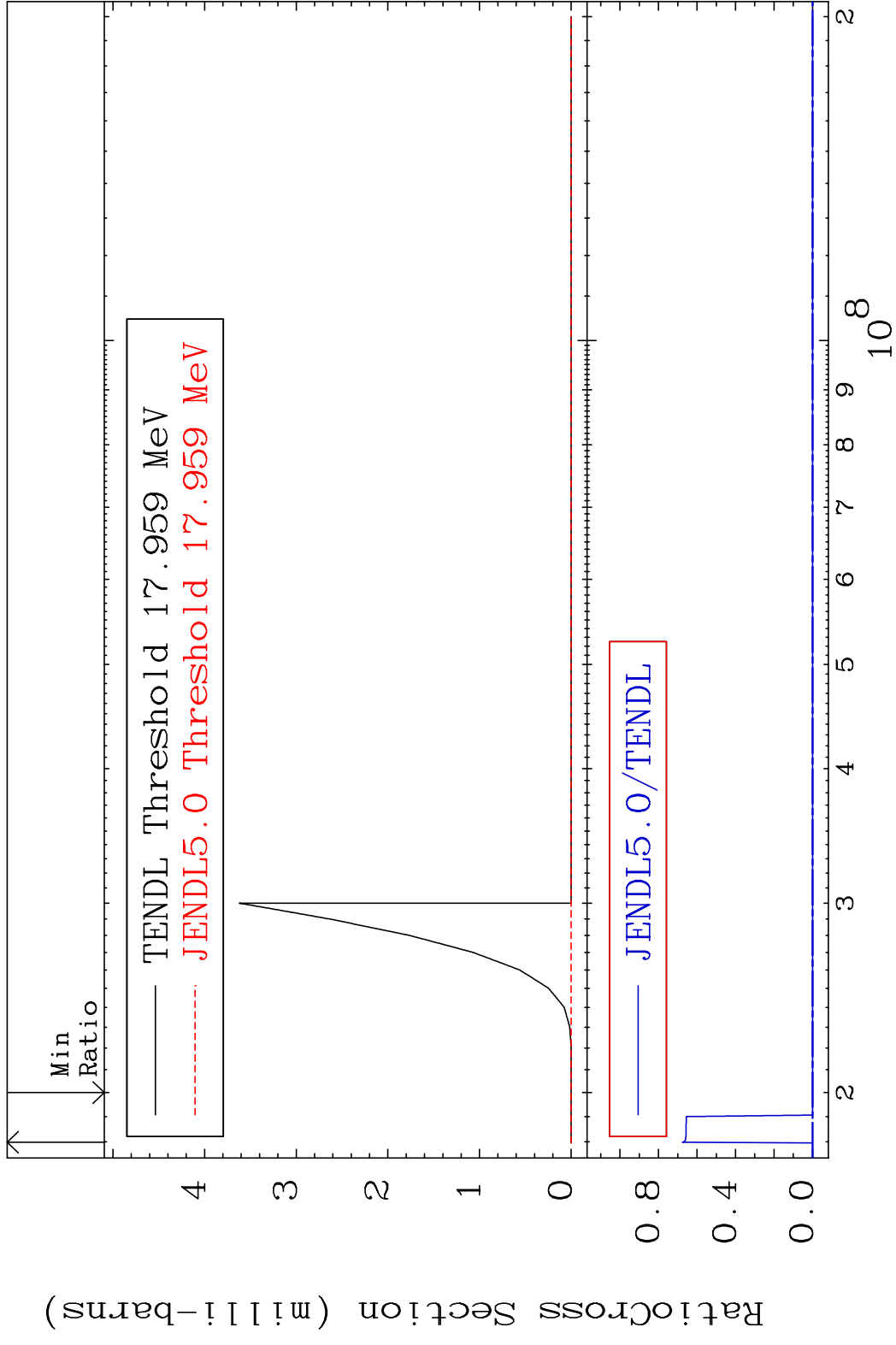




MAT 5243 (n,2n) p:51-Sb-124g 52-Te-126  
 Radionuclide Production Cross Section Ratio

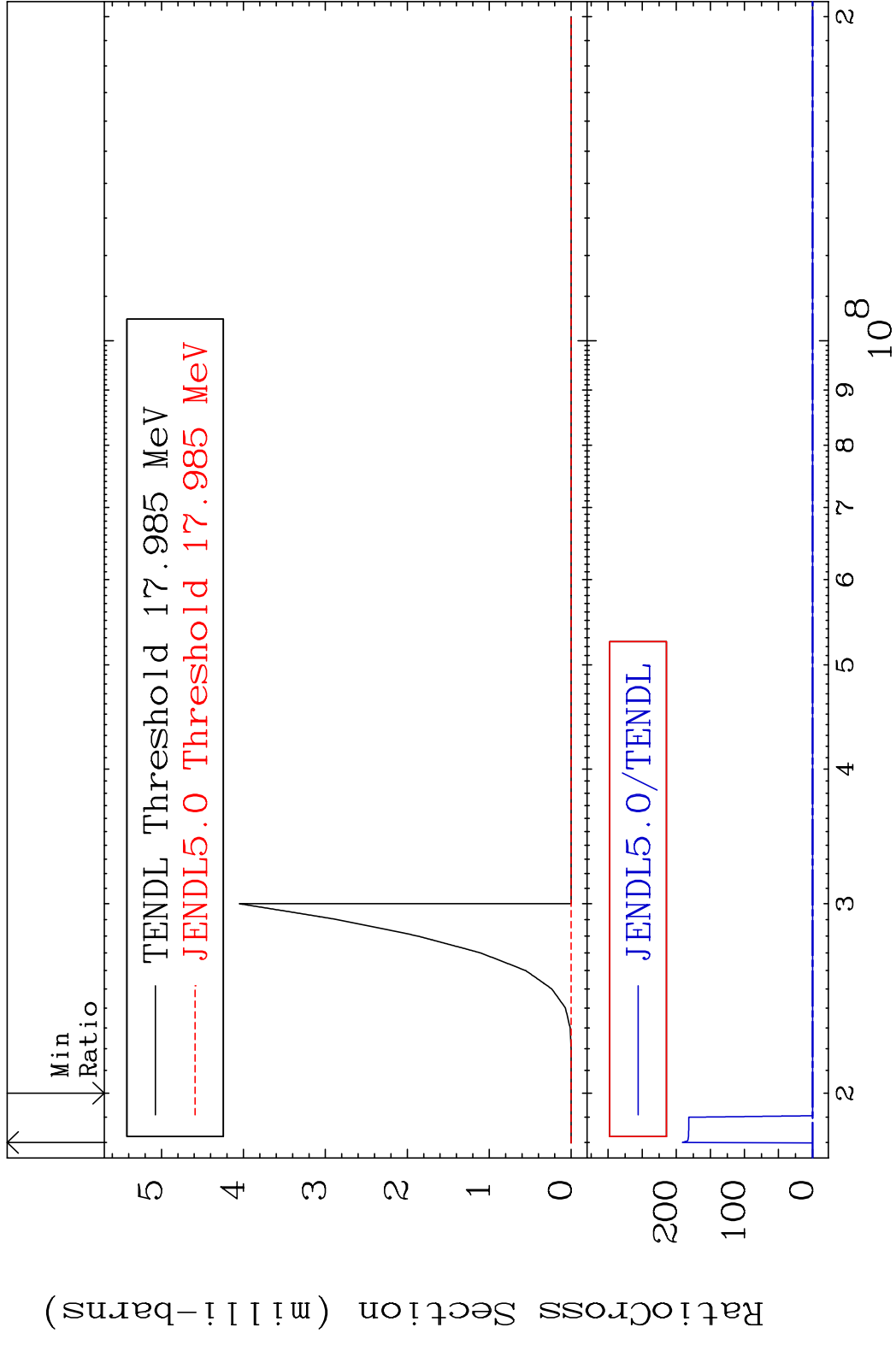


MAT 5243 (n,2n) p:51-Sb-124m1 52-Te-126  
 Radionuclide Production Cross Section Ratio 9999. %

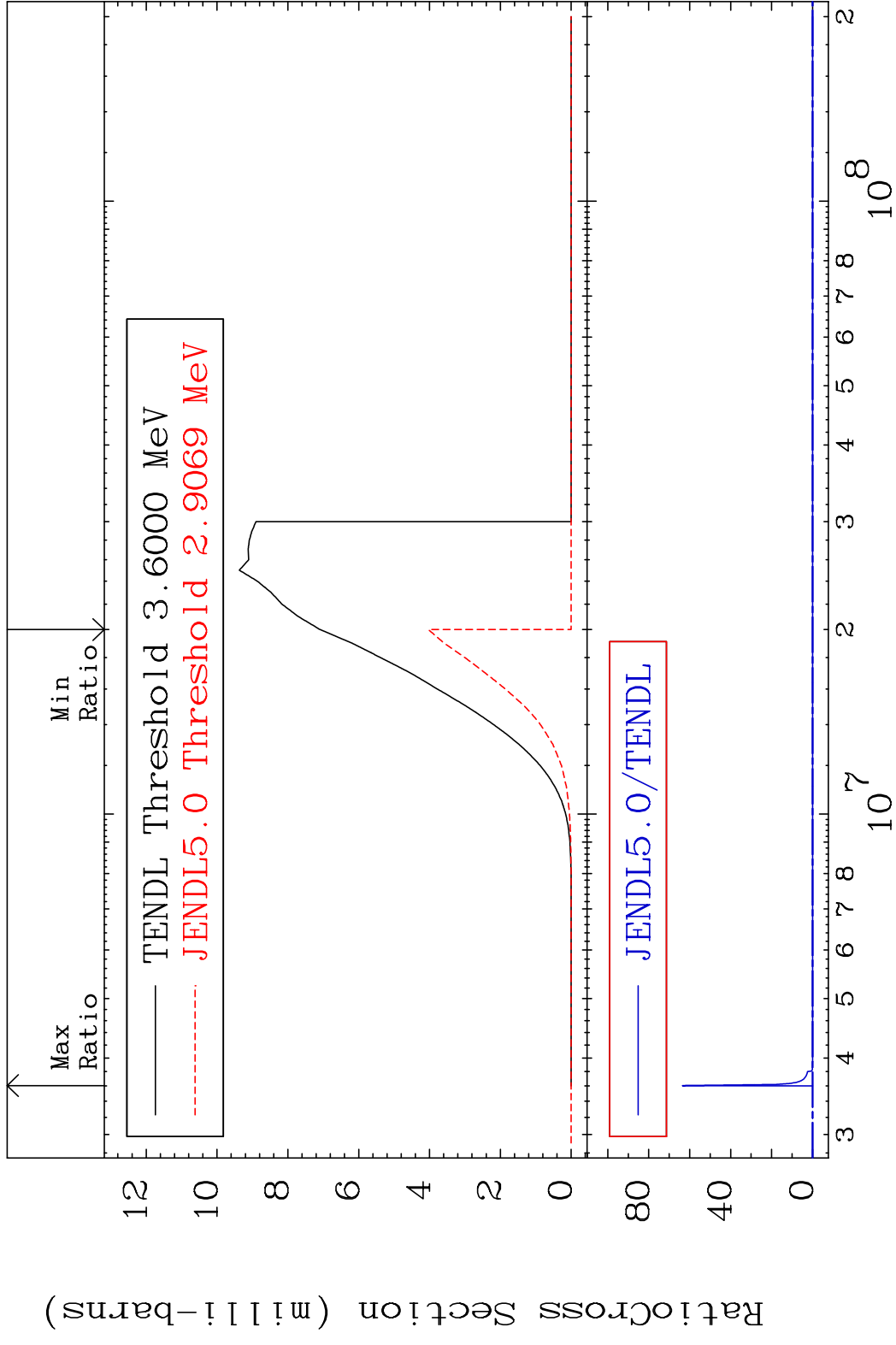




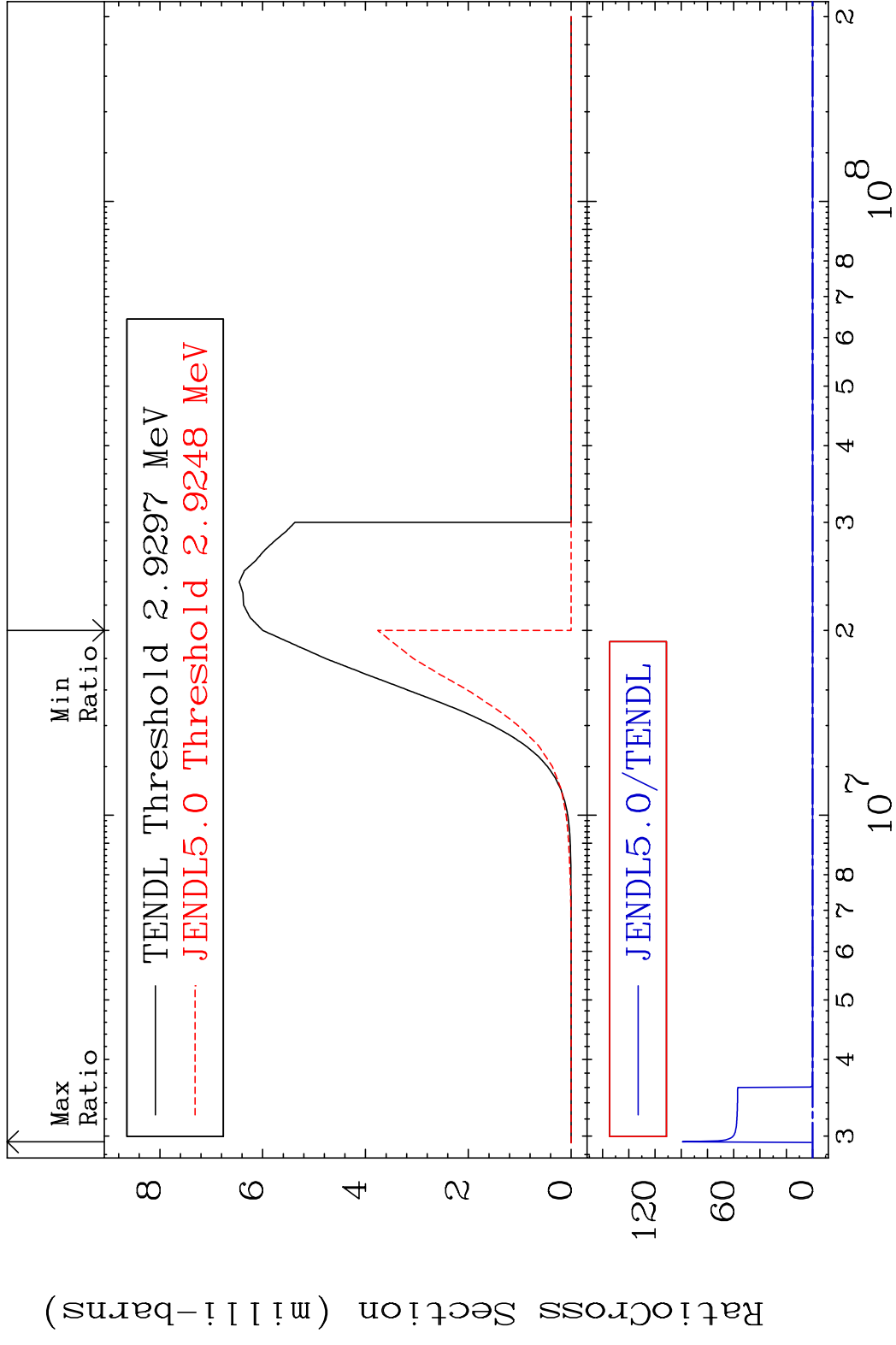
MAT 5243 (n,2n) p:51-Sb-124m2 52-Te-126  
 Radionuclide Production Cross Section Ratio



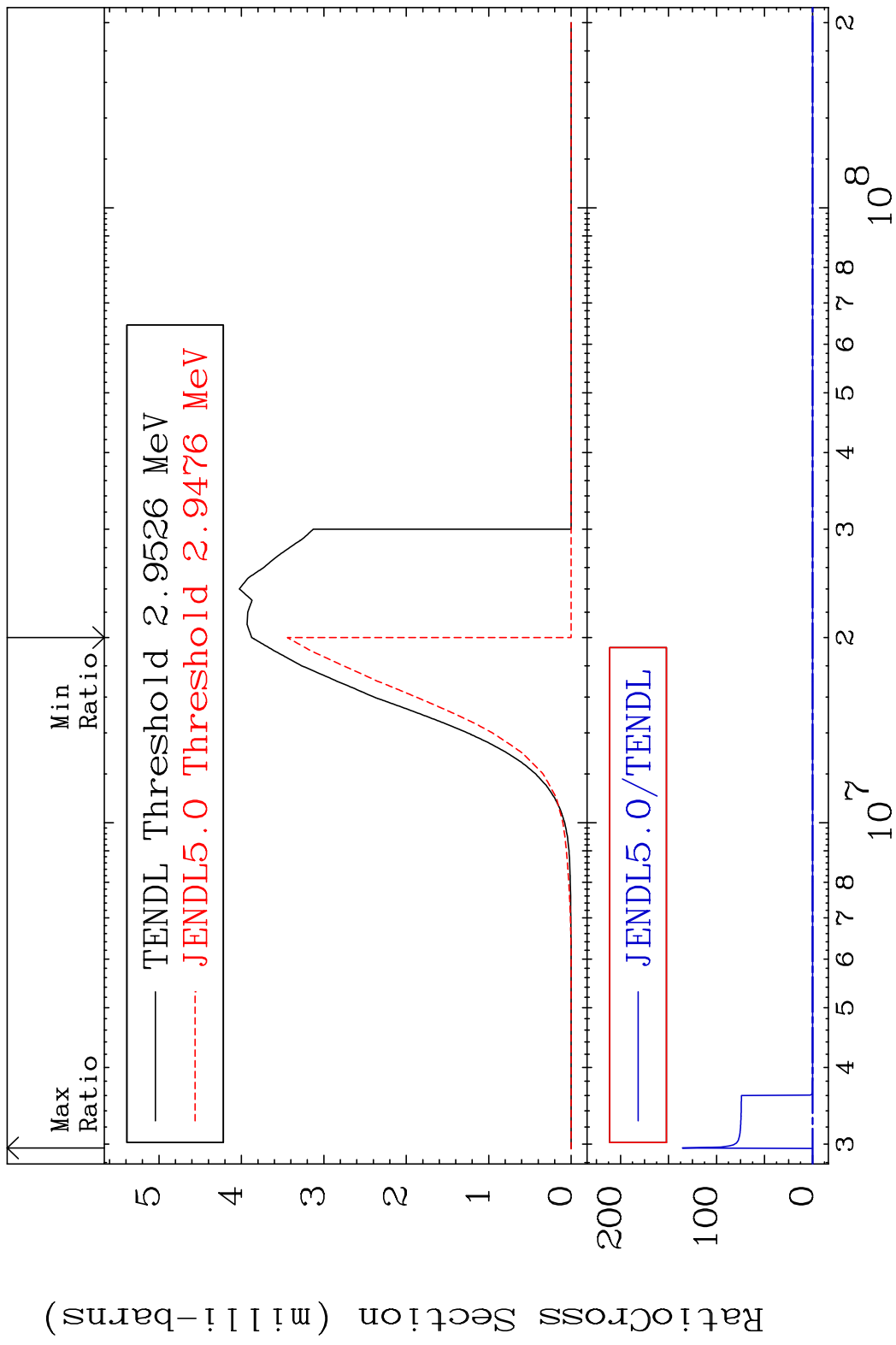
MAT 5243 (n,p):51-Sb-126 52-Te-126  
 Radionuclide Production Cross Section 100.00 %



MAT 5243 (n,p):51-Sb-126m1 52-Te-126  
 Radionuclide Production Cross Section (%)

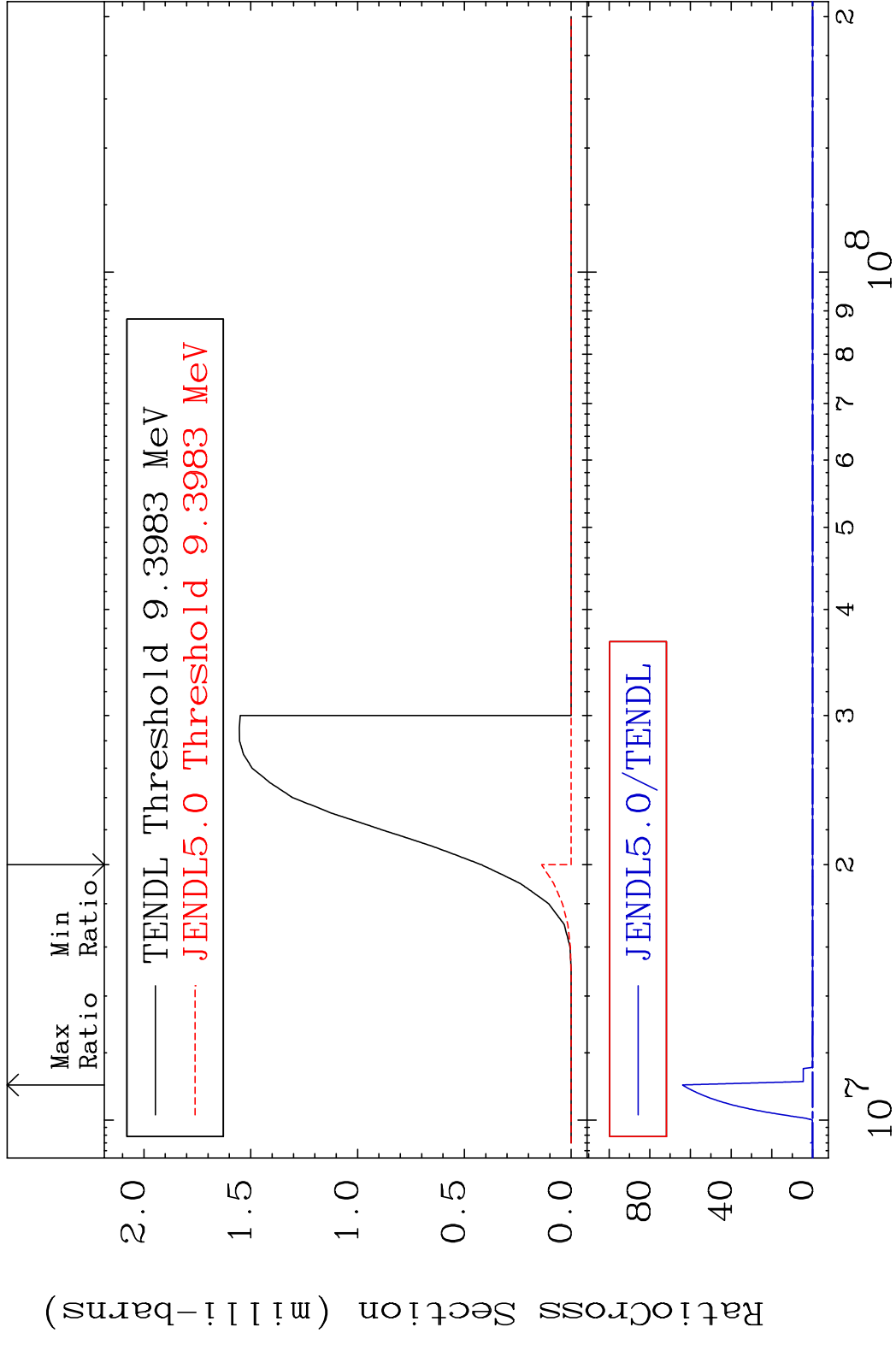


MAT 5243 (n,p):51-Sb-126m2 52-Te-126  
 Radionuclide Production Cross Section (%)

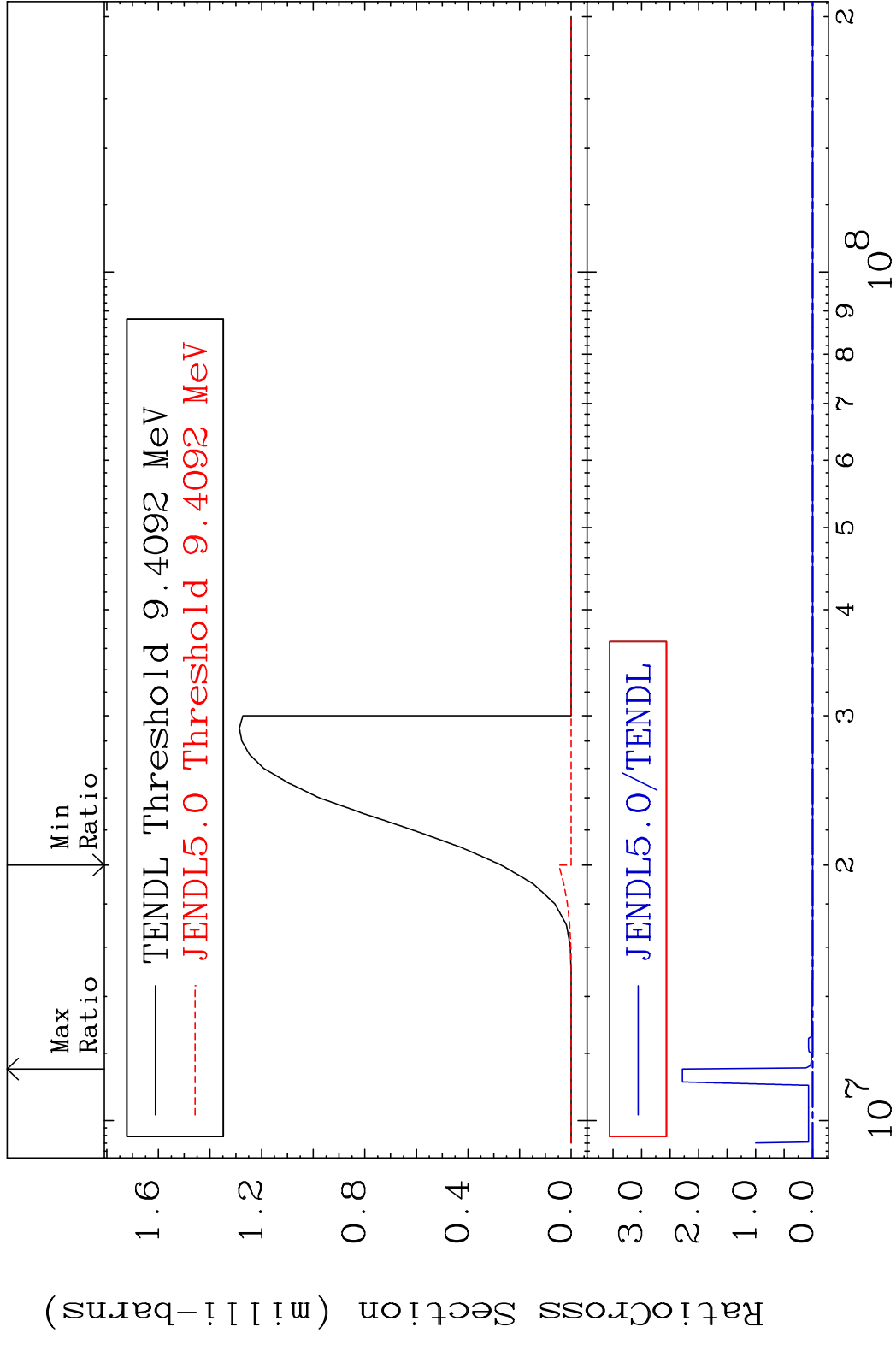


75 Incident Energy (eV) 52-Te-126

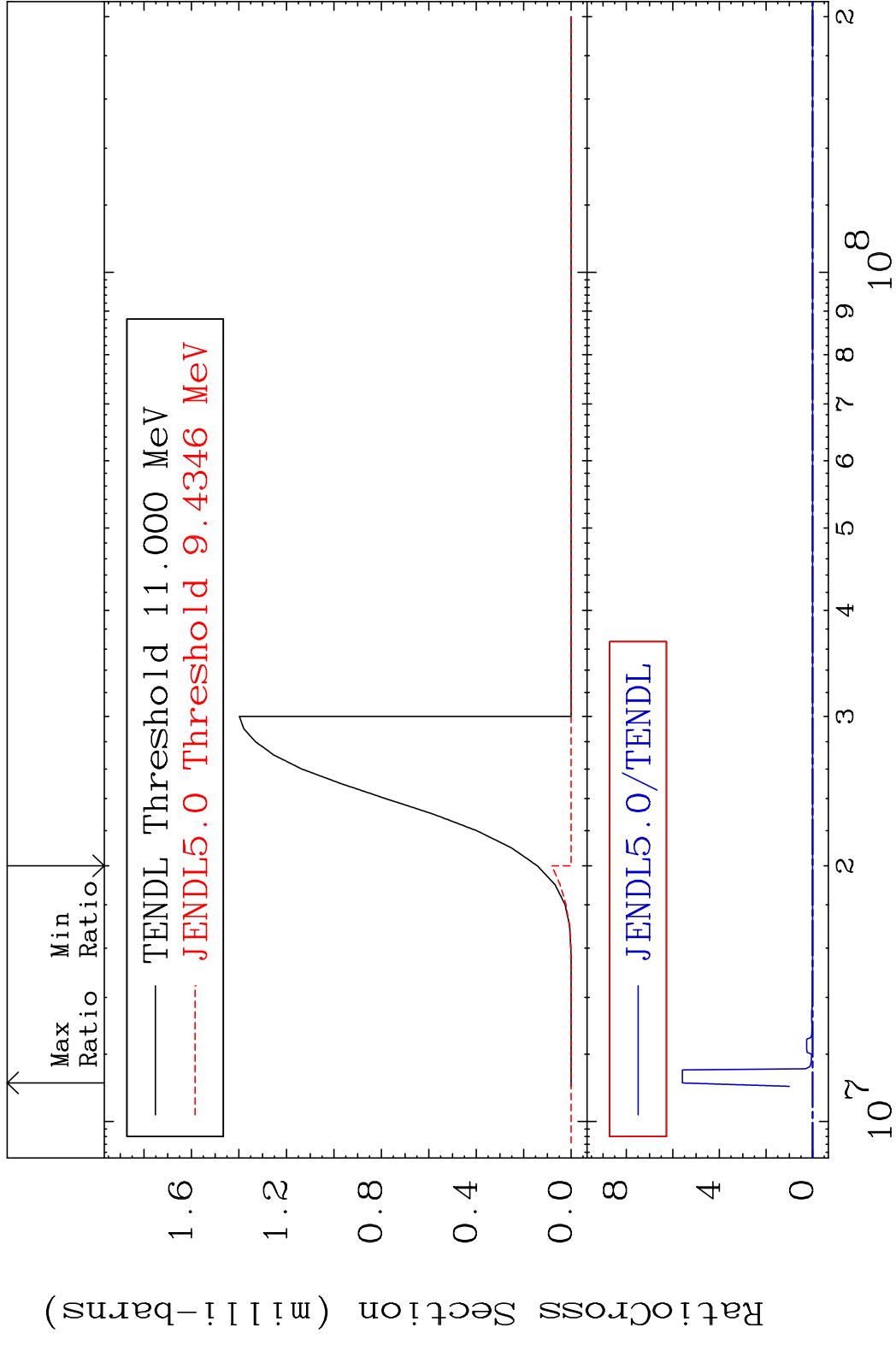
MAT 5243 (n,t):51-Sb-124g 52-Te-126  
 Radionuclide Production Cross Section to 9999. %



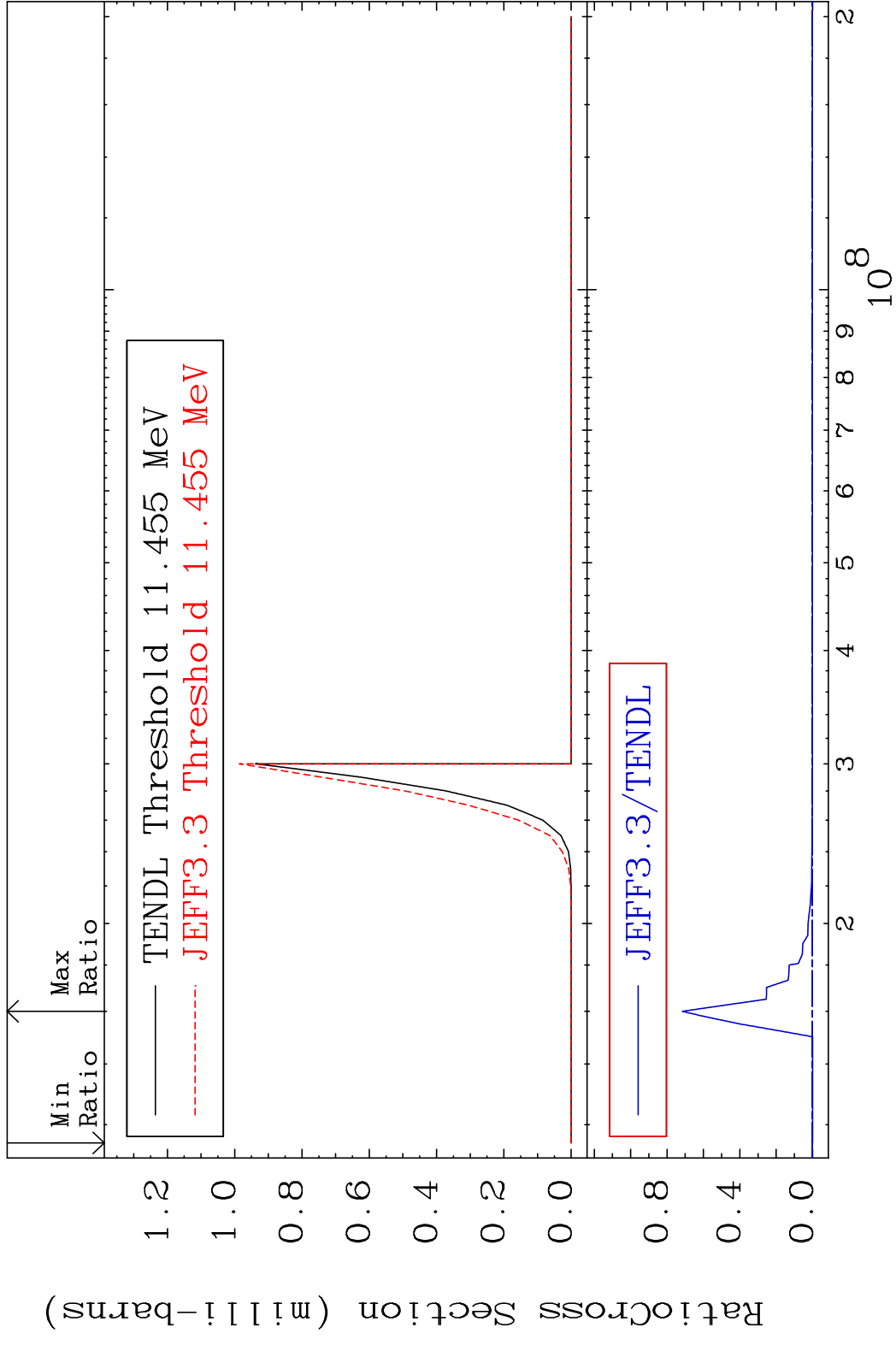
76 Incident Energy (eV) 52-Te-126



MAT 5243 (n, t):51-Sb-124m2 52-Te-126  
 Radionuclide Production Cross Section (%)

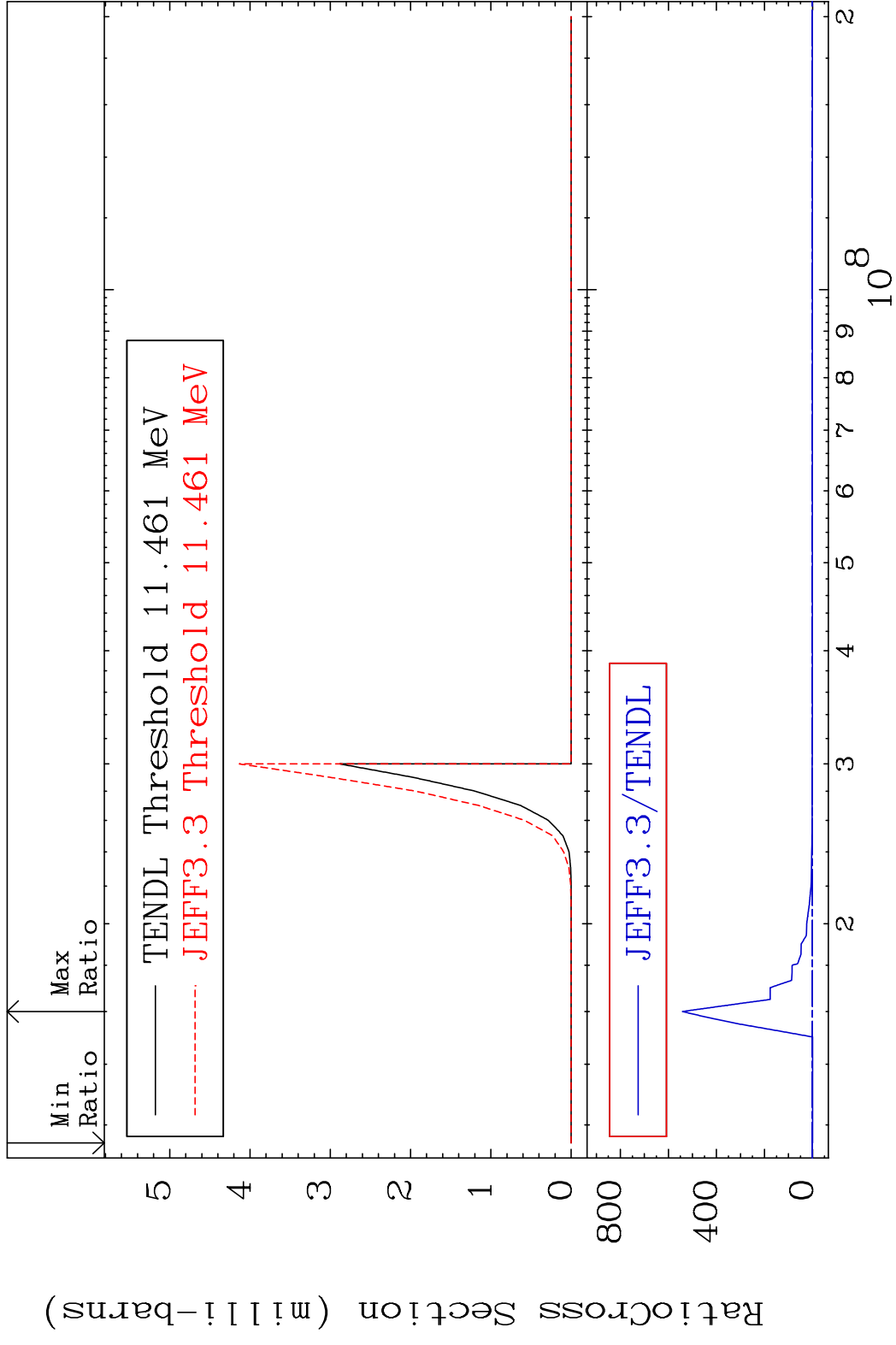


78 Incident Energy (eV) 52-Te-126

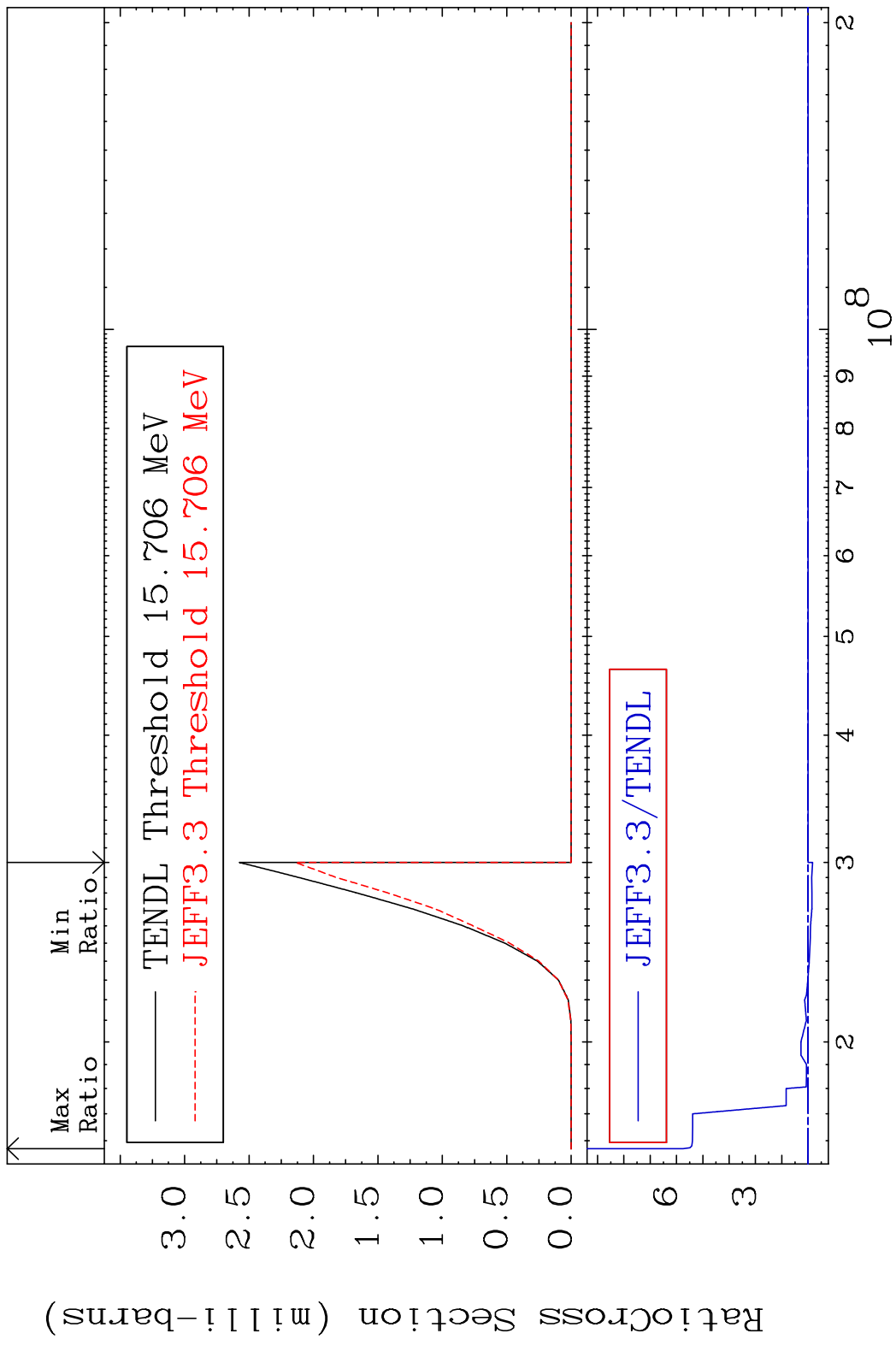


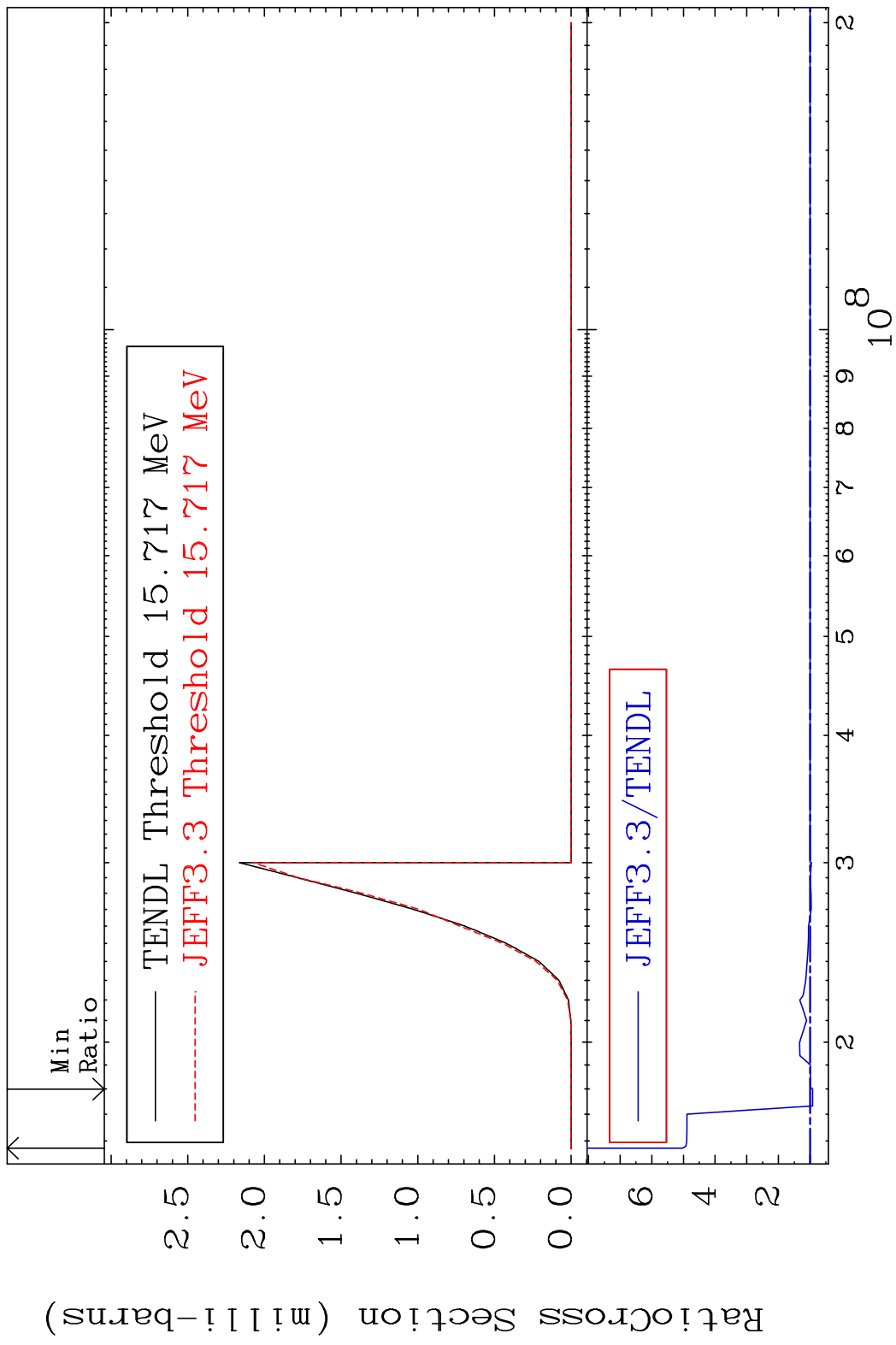


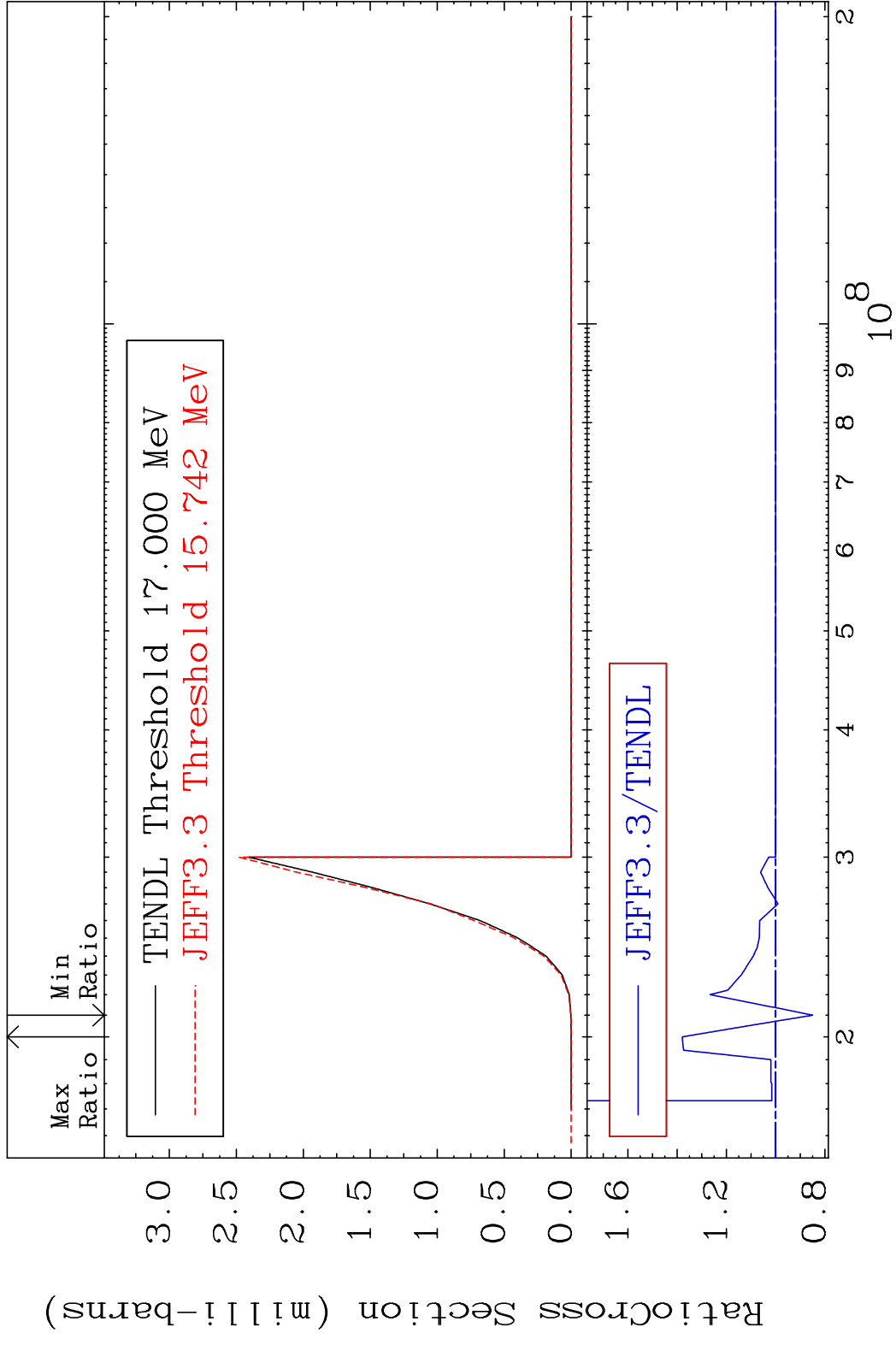
MAT 5243 (n,2n)  $\alpha$ :50-Sn-121m1 52-Te-126  
 Radionuclide Production Cross Section Ratio 9999. %

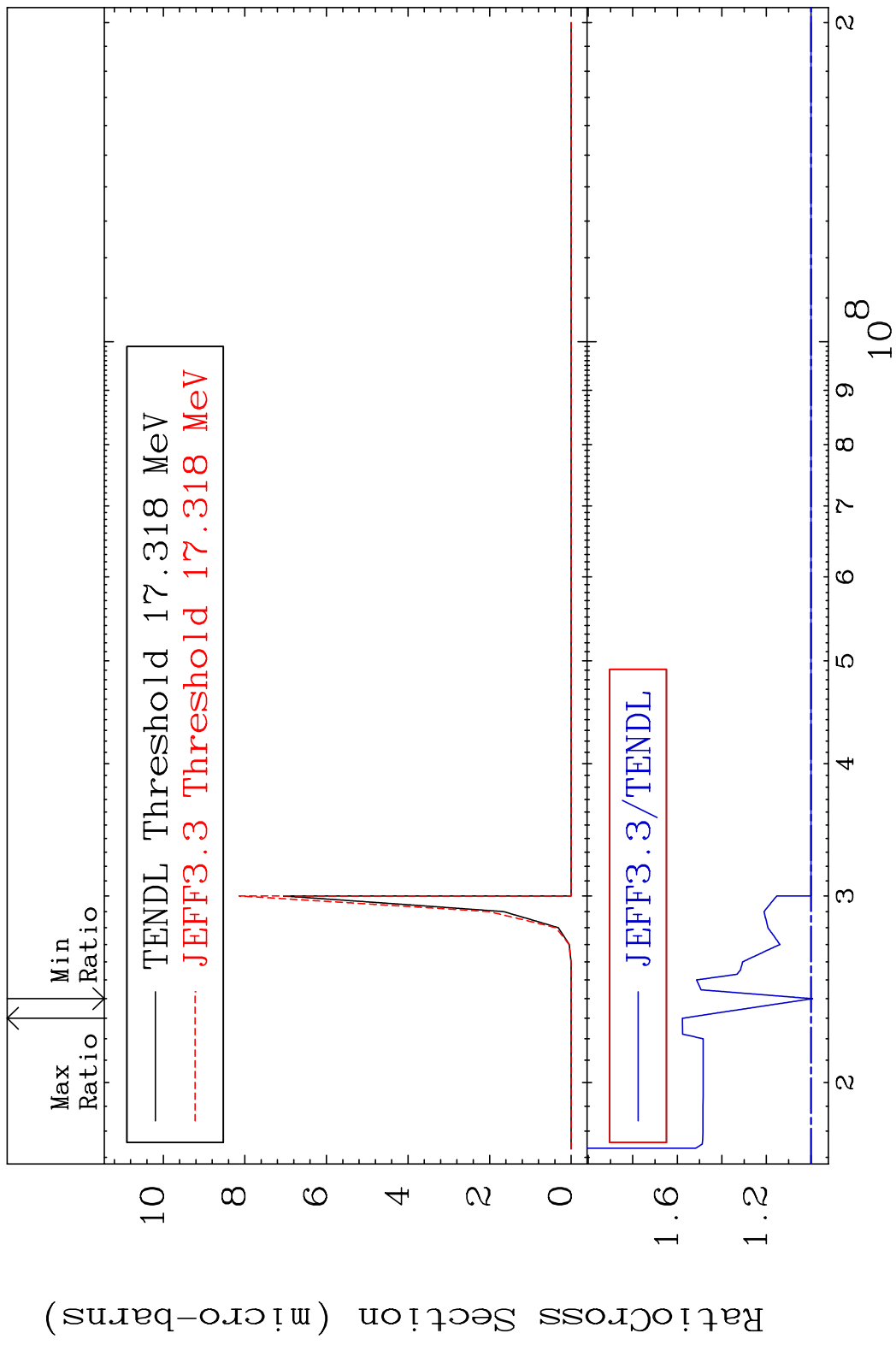


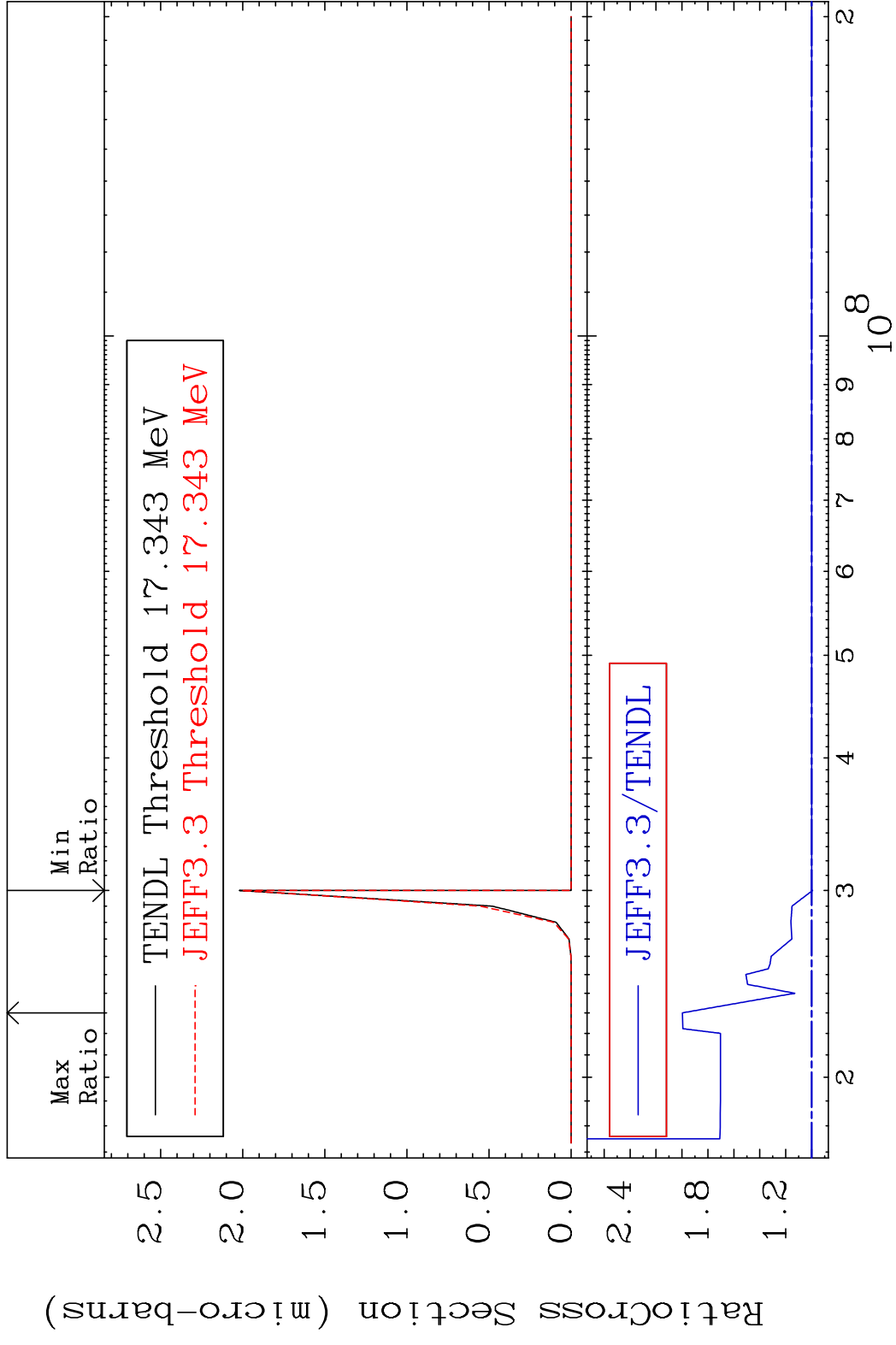
MAT 5243 (n, n') d:51-Sb-124g 52-Te-126  
 Radionuclide Production Cross Section 477.8 %

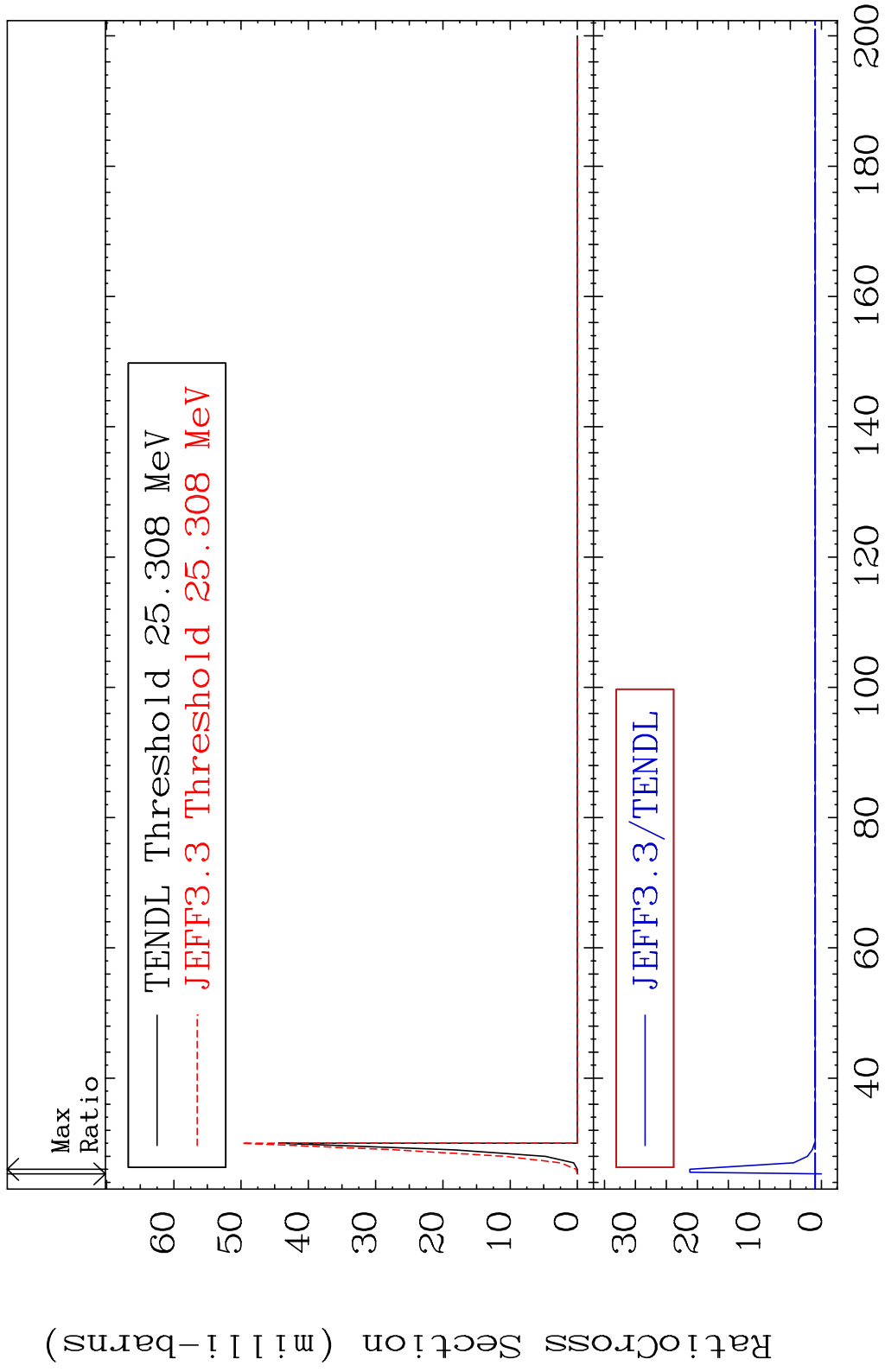




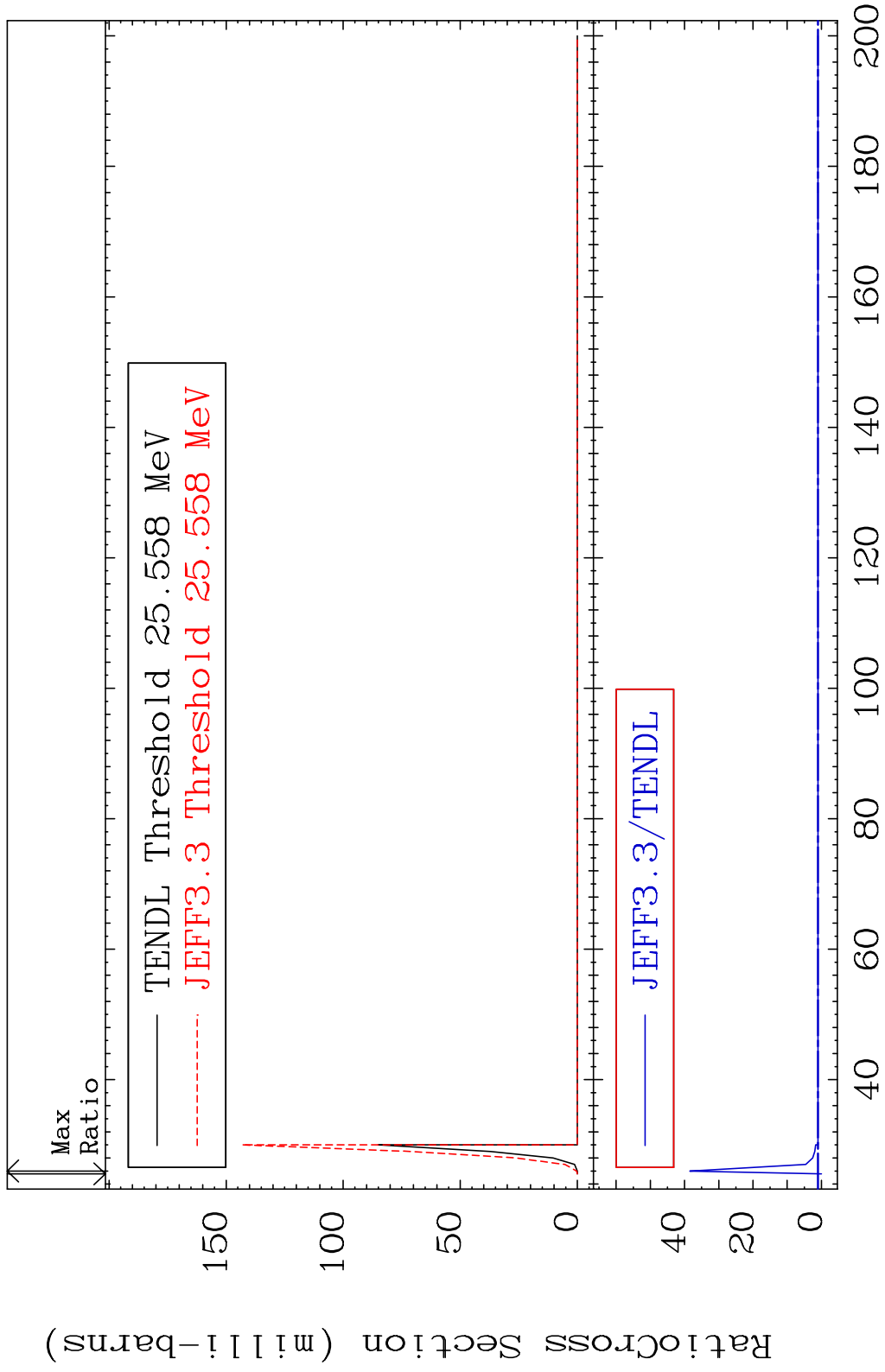




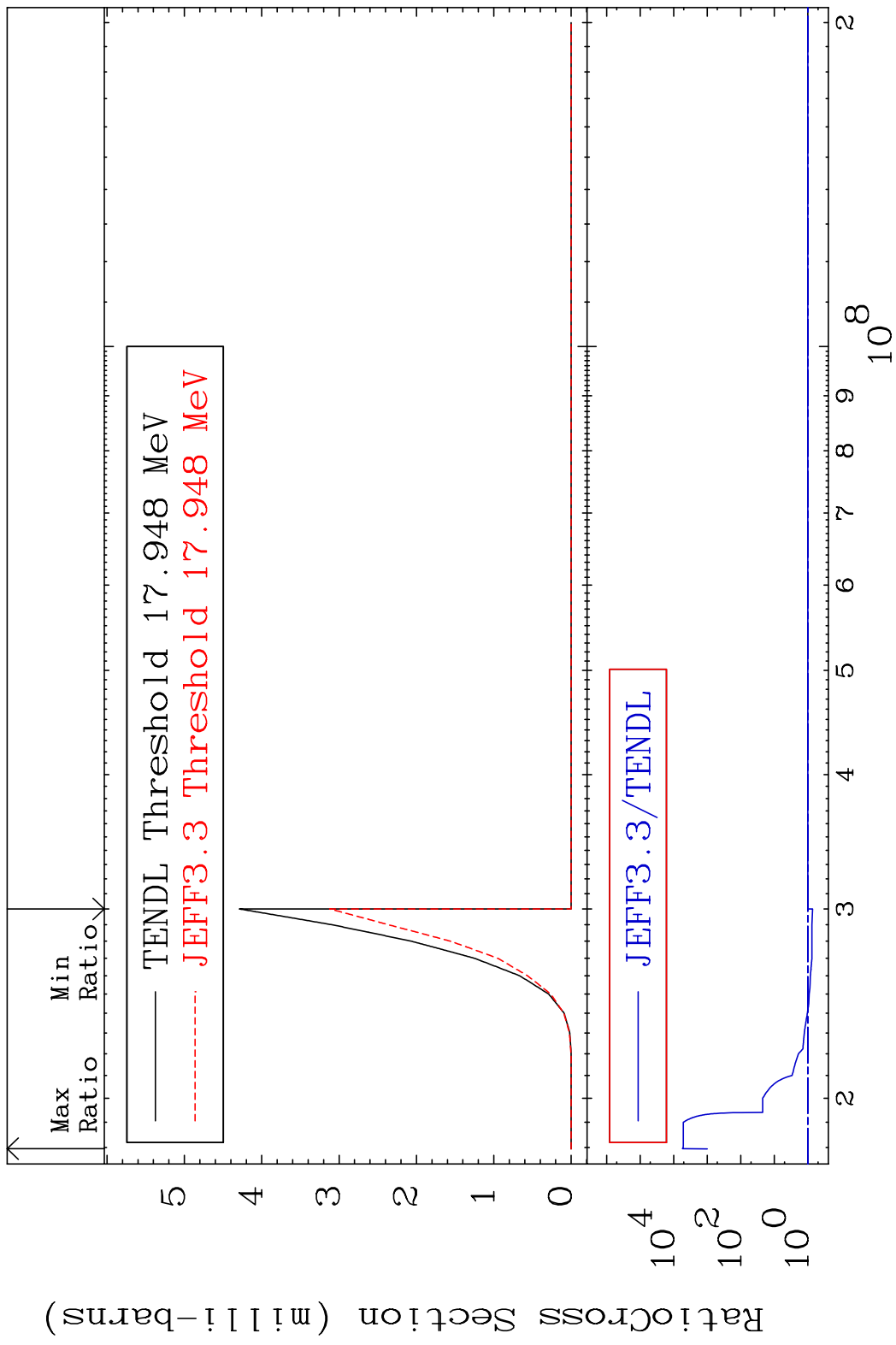


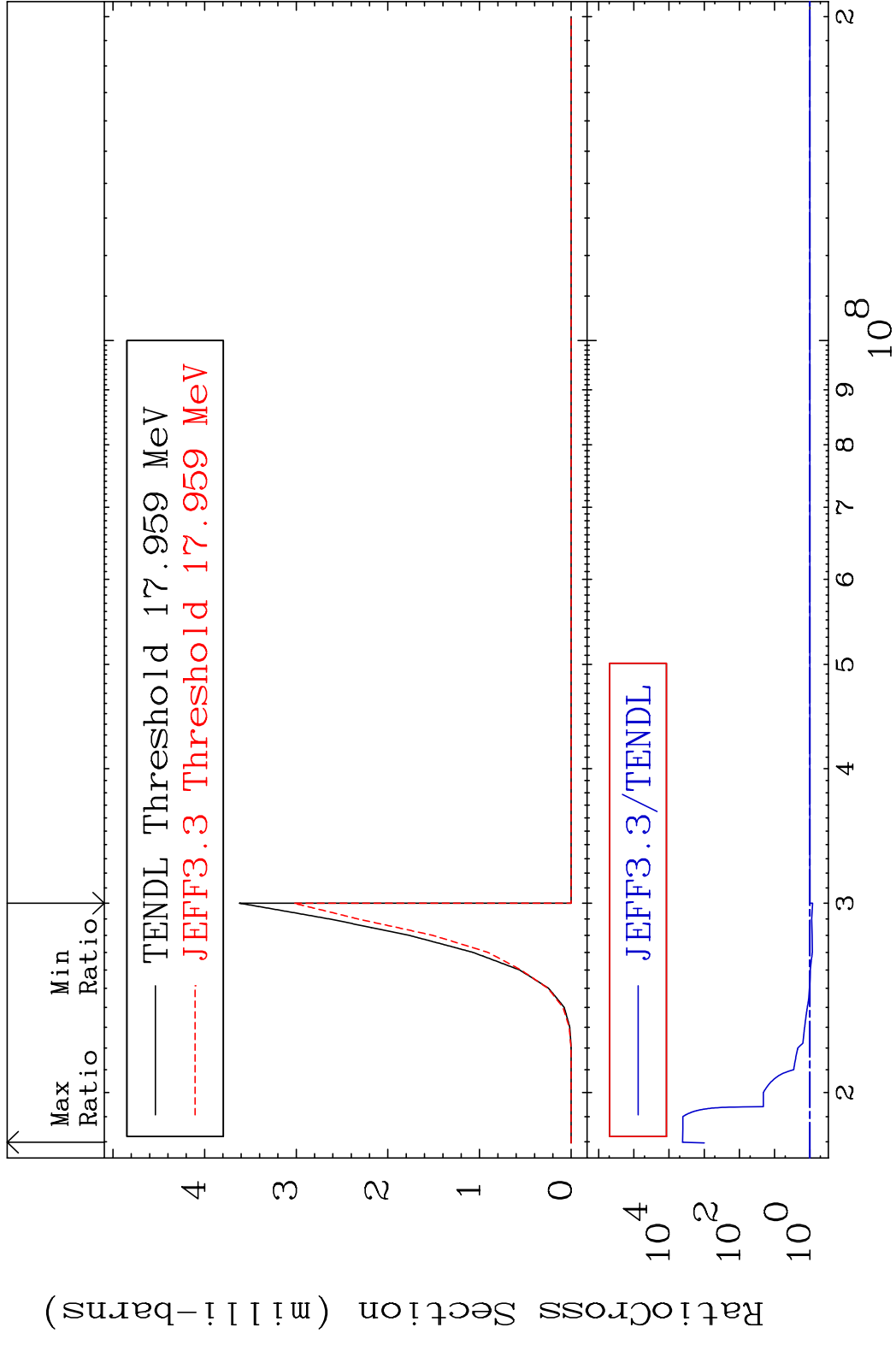


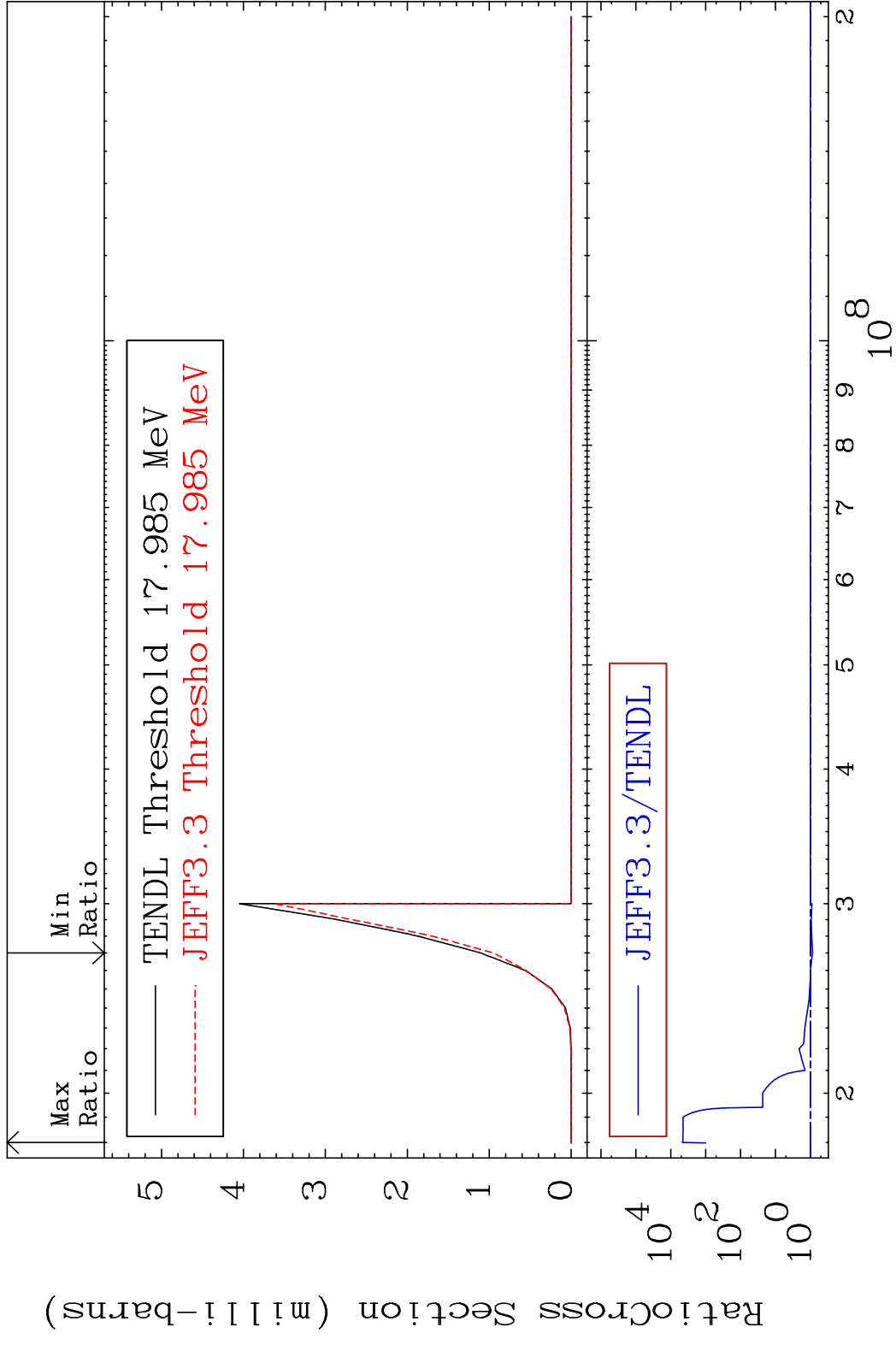
MAT 5243 (n, 4n):52-Te-123m2 52-Te-126  
 Radionuclide Production Cross Section 180.01 dth 3747. %

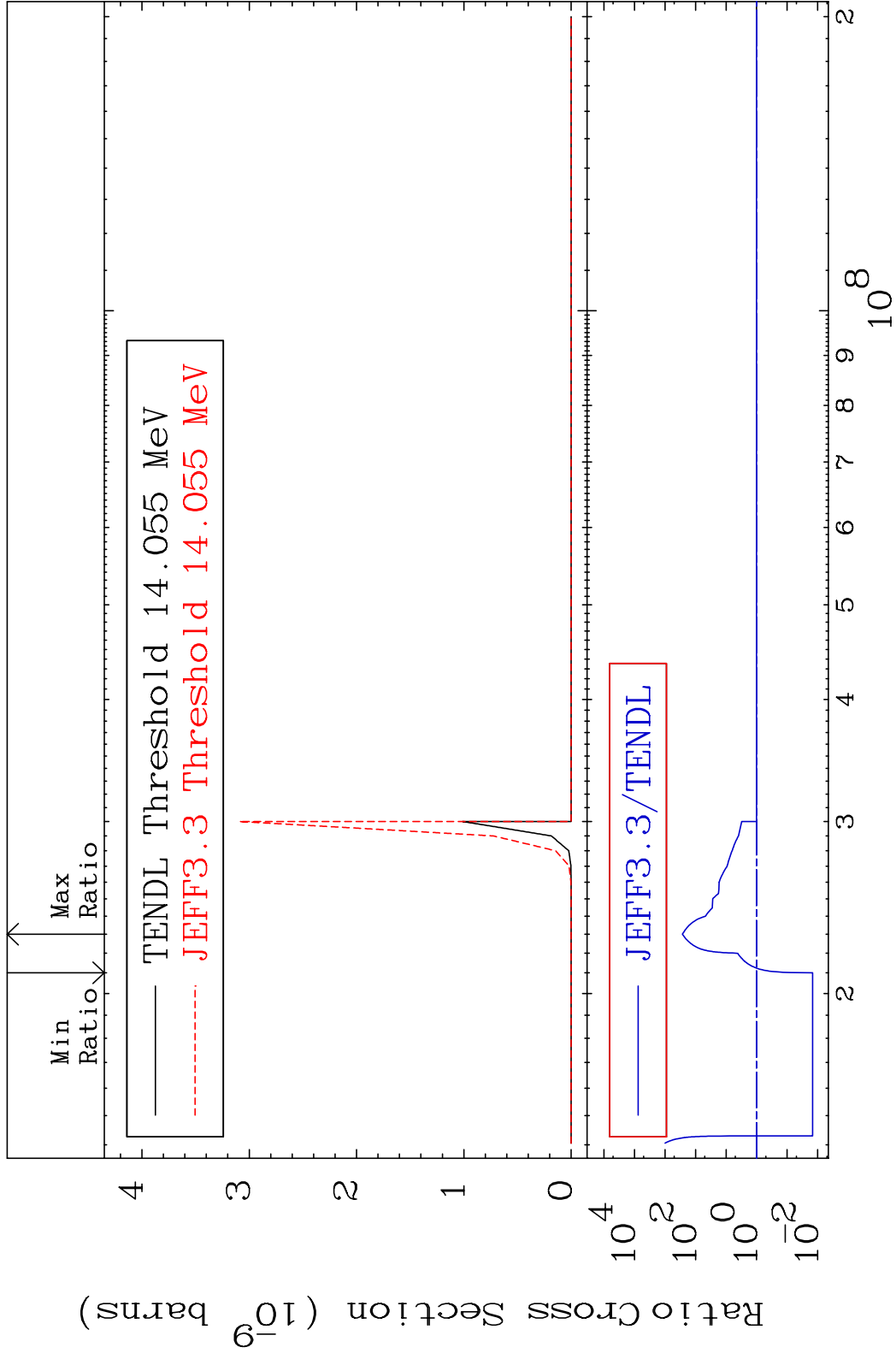




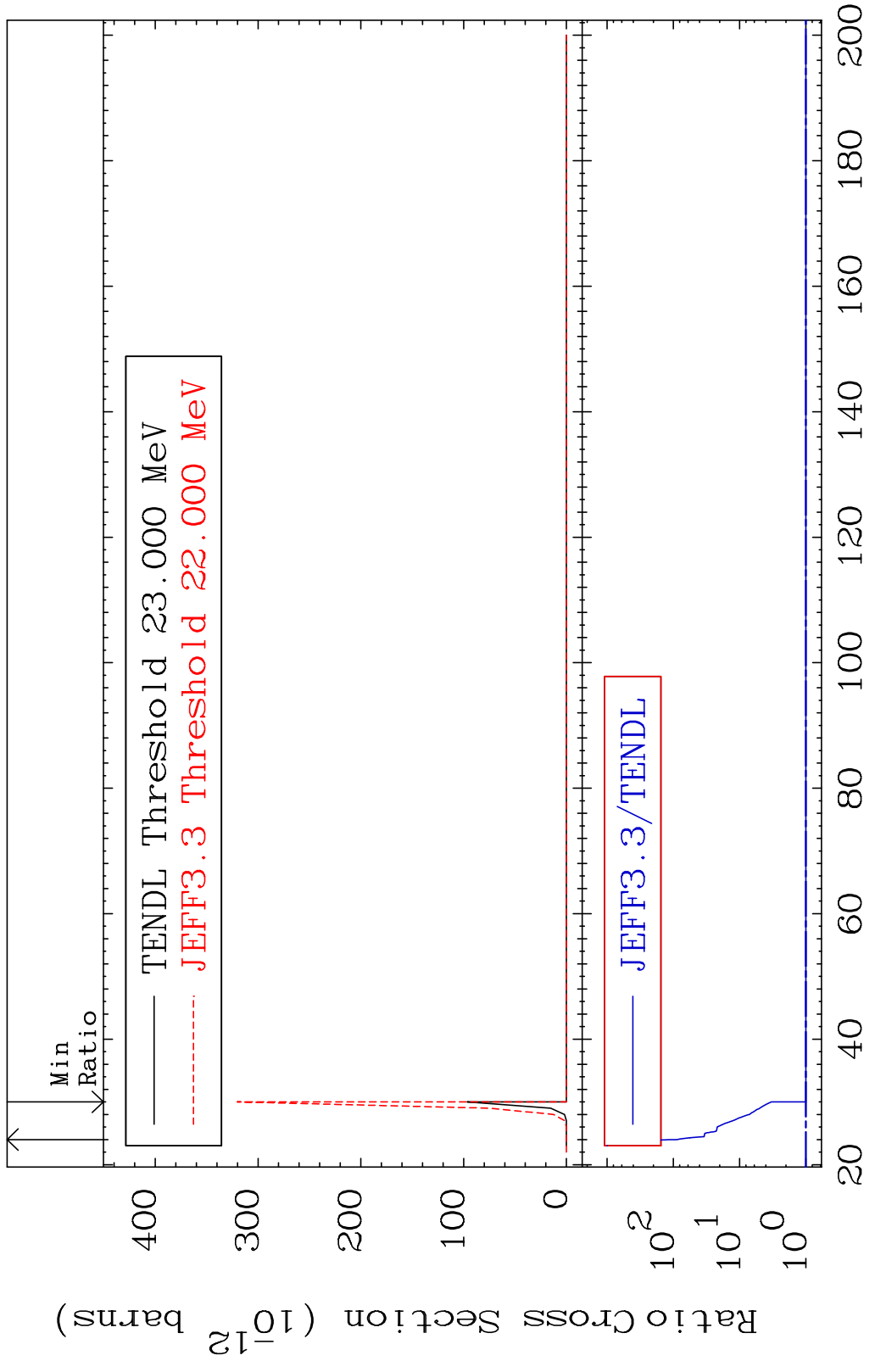


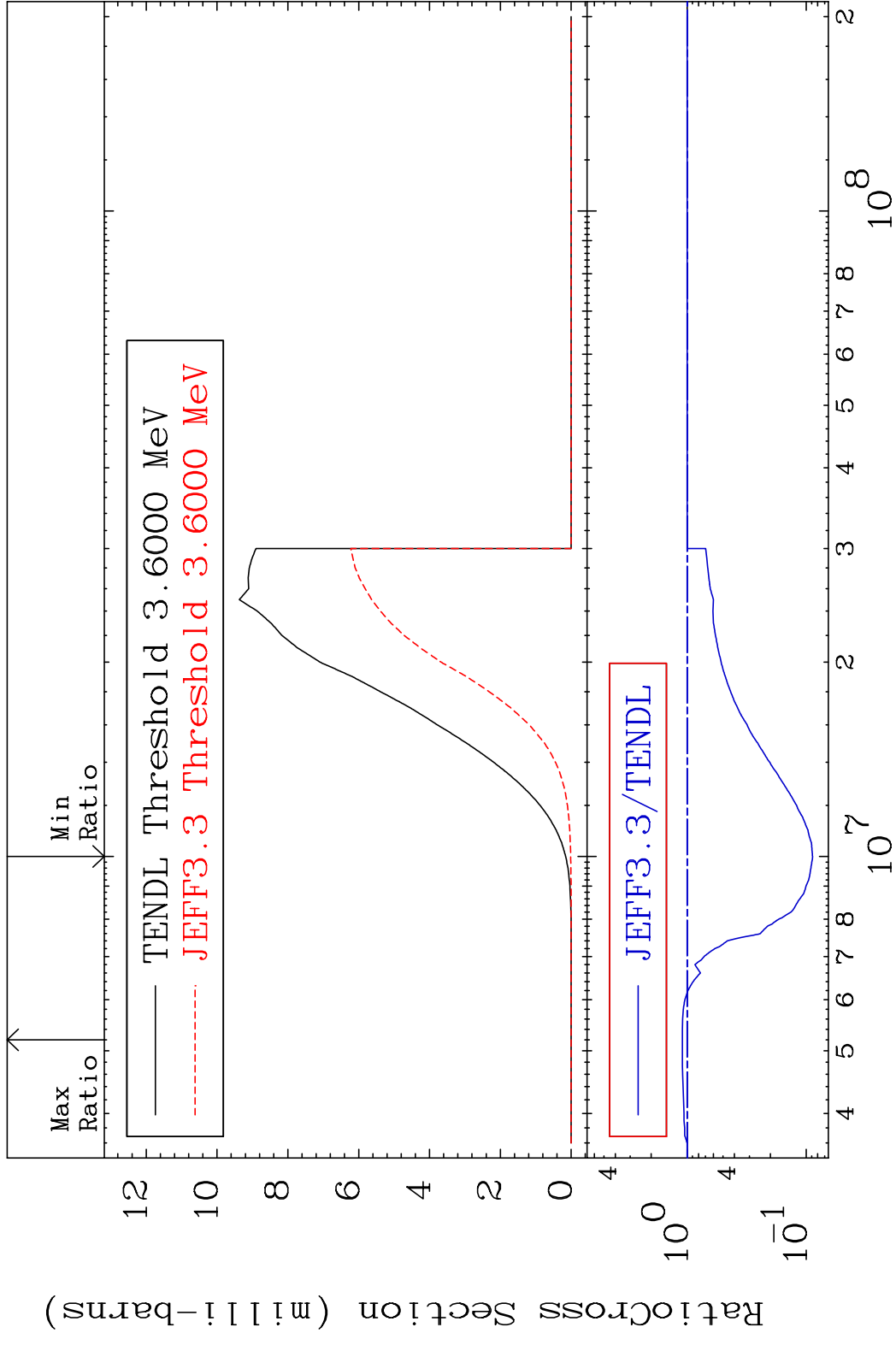




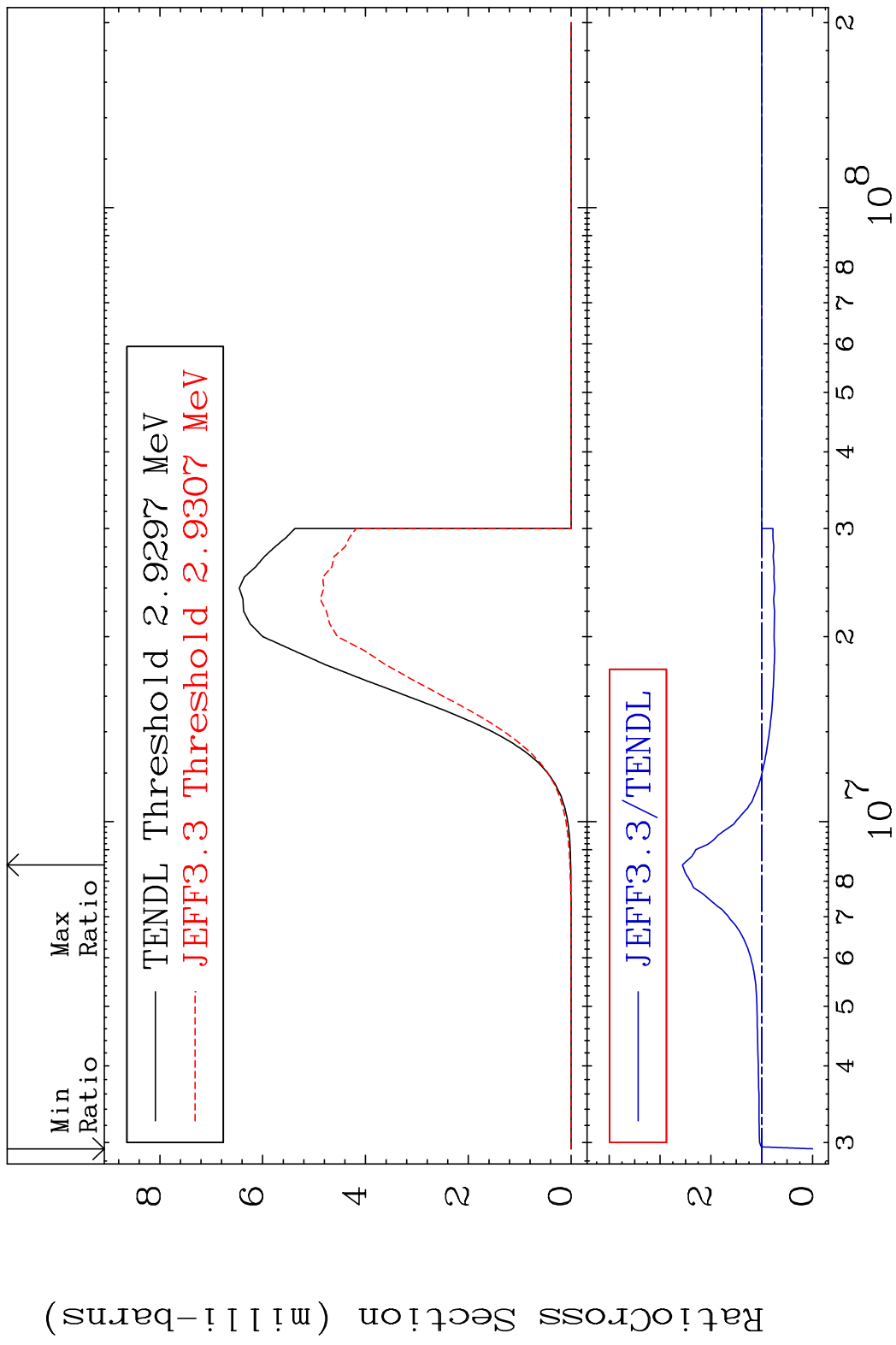


MAT 5243 (n,n') p α:49-In-121m1 52-Te-126  
 Radionuclide Production Cross Section 8785. %

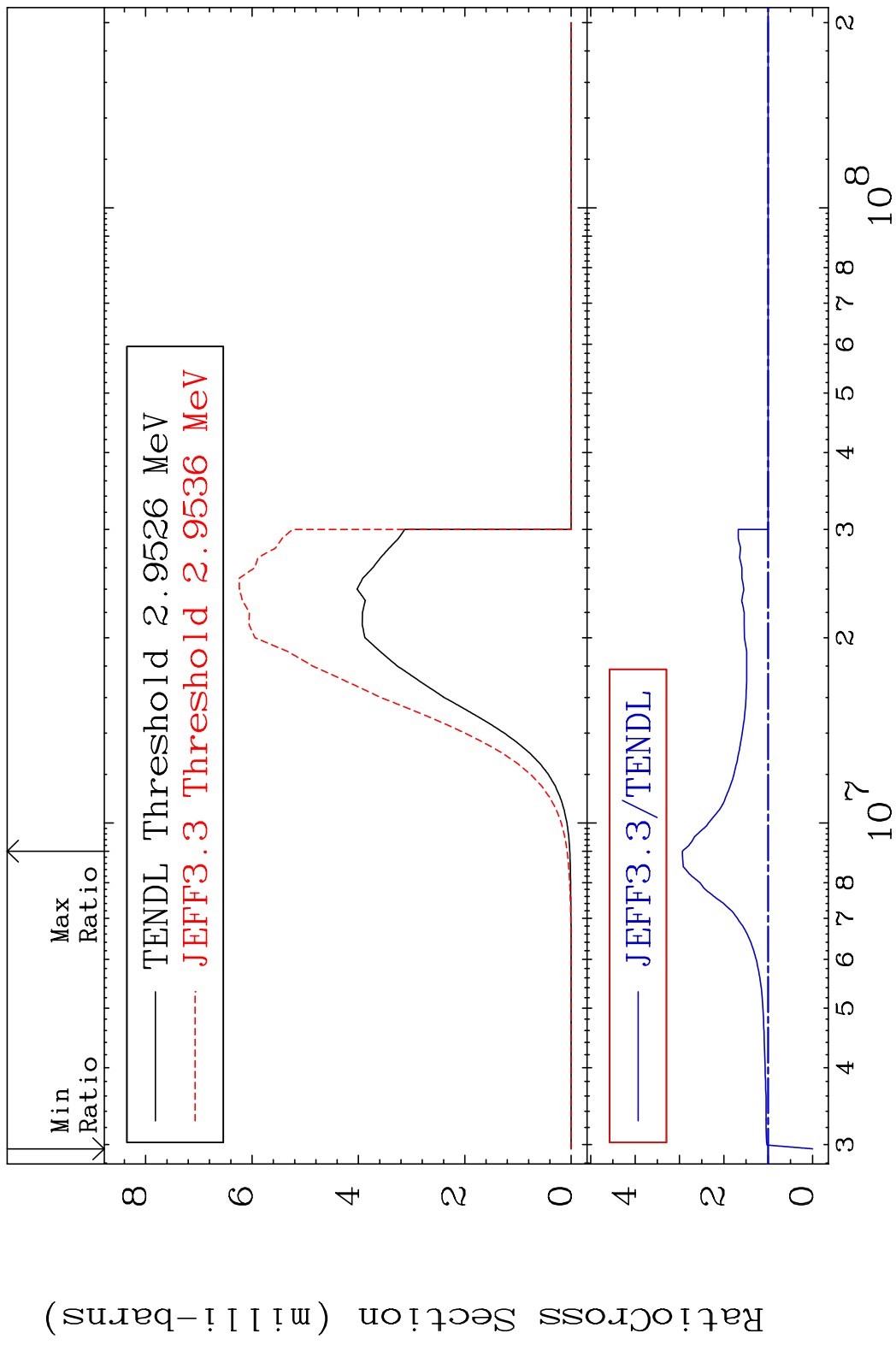




MAT 5243 (n, p):51-Sb-126m1 52-Te-126  
 Radionuclide Production Cross Section 156.2 %

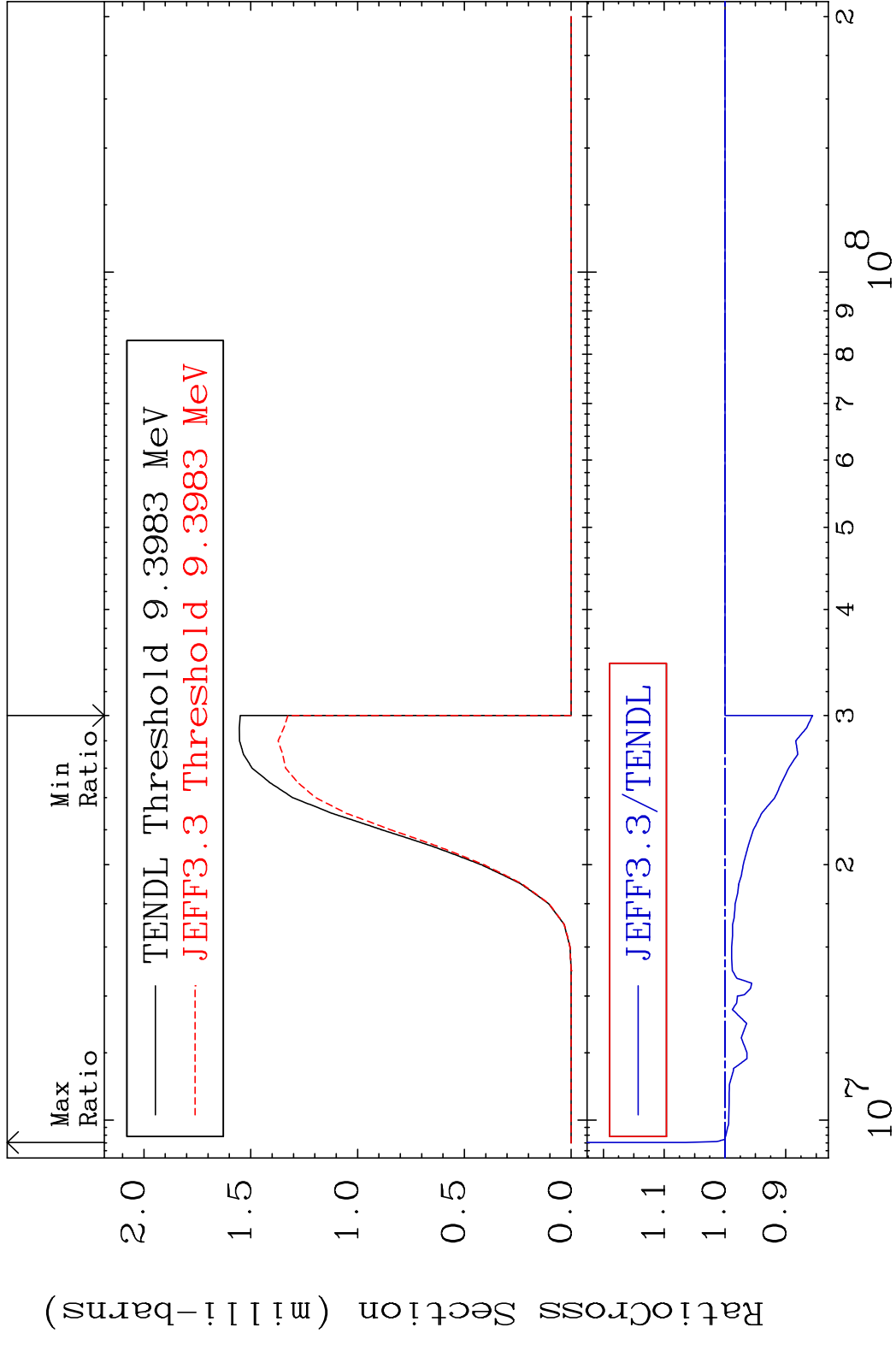


MAT 5243 (n, p):51-Sb-126m2 52-Te-126  
 Radionuclide Production Cross Section 193.5 %



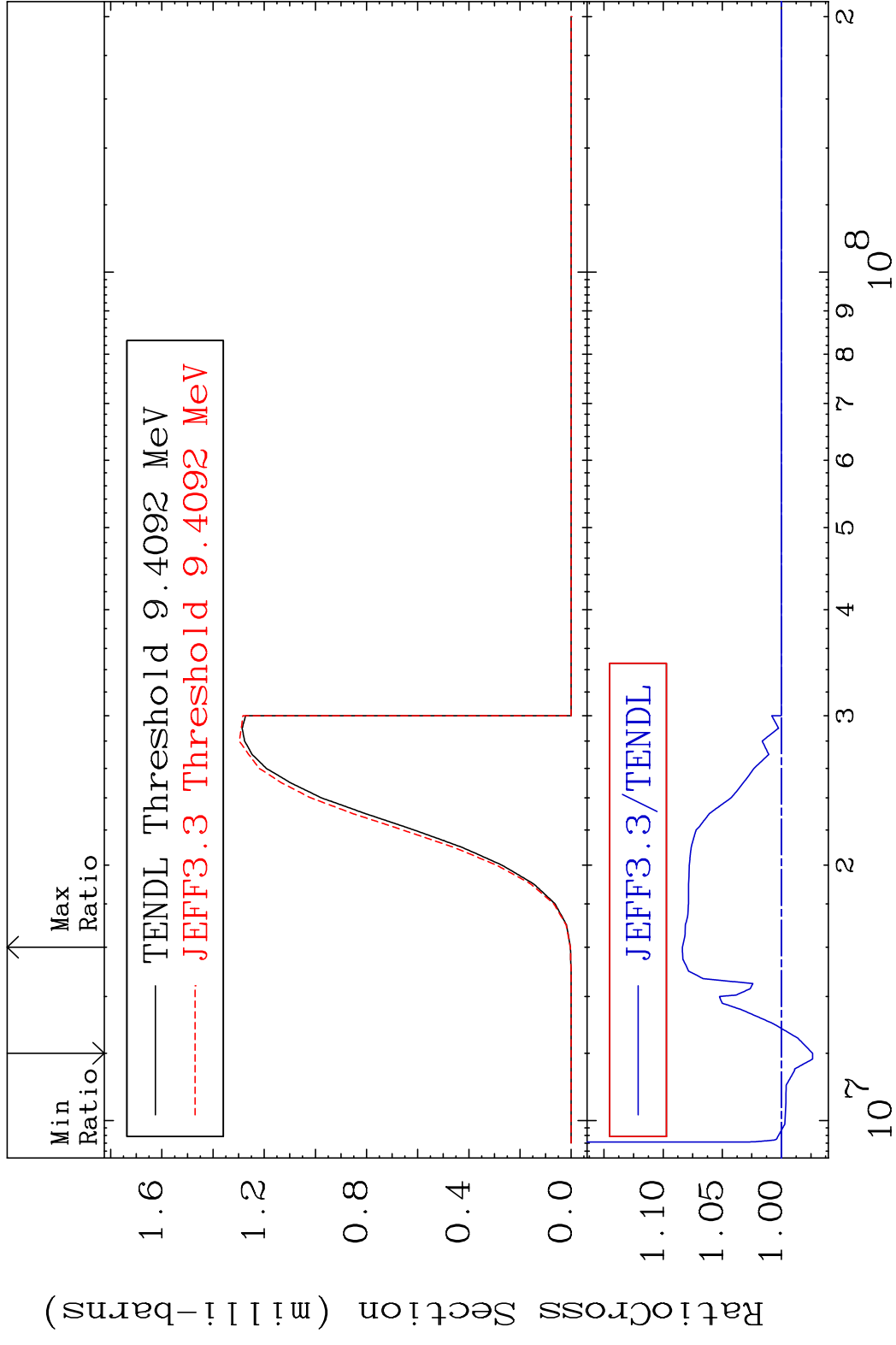


MAT 5243 (n, t):51-Sb-124g 52-Te-126  
 Radionuclide Production Cross Section 7.017 %

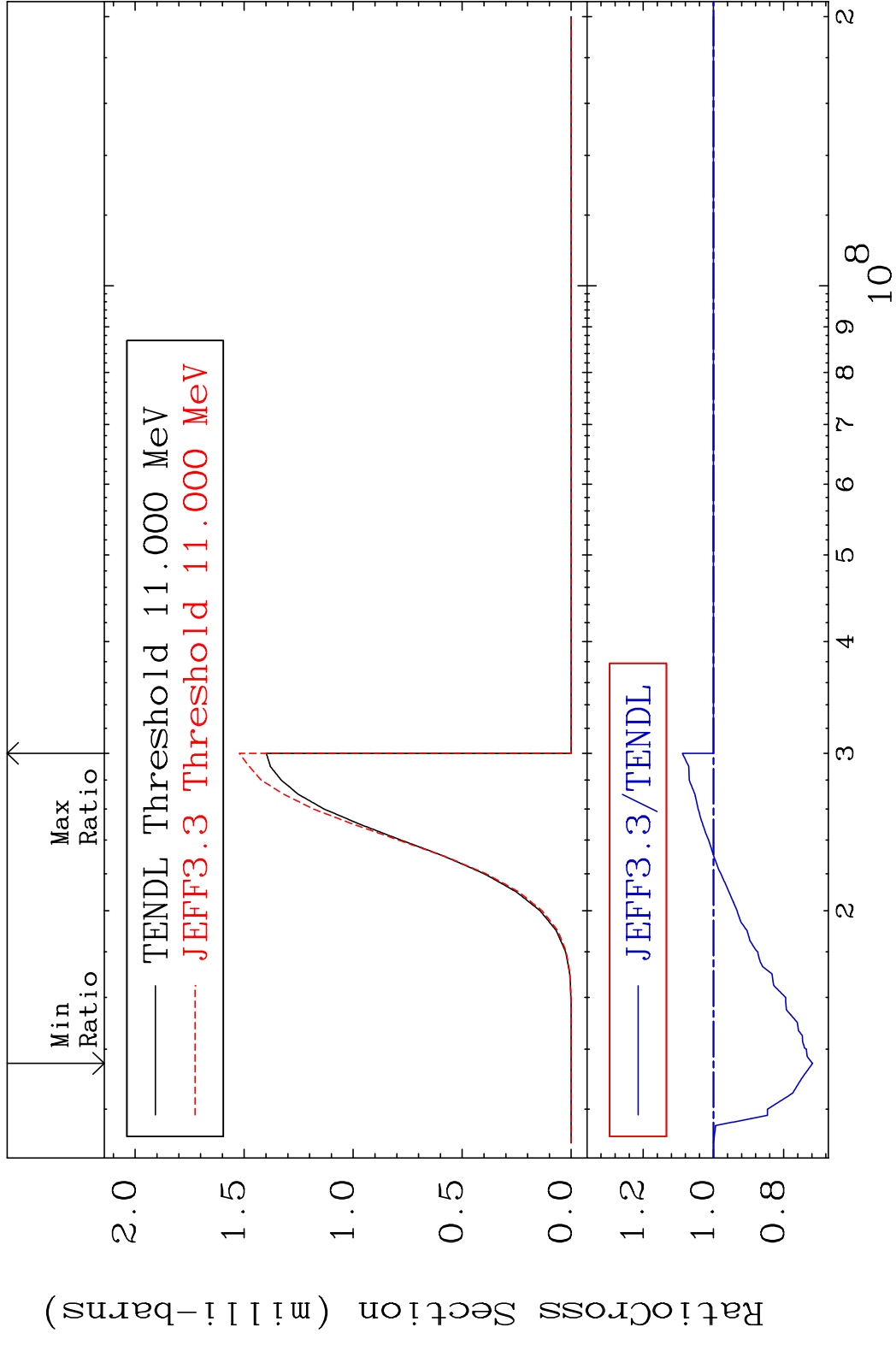


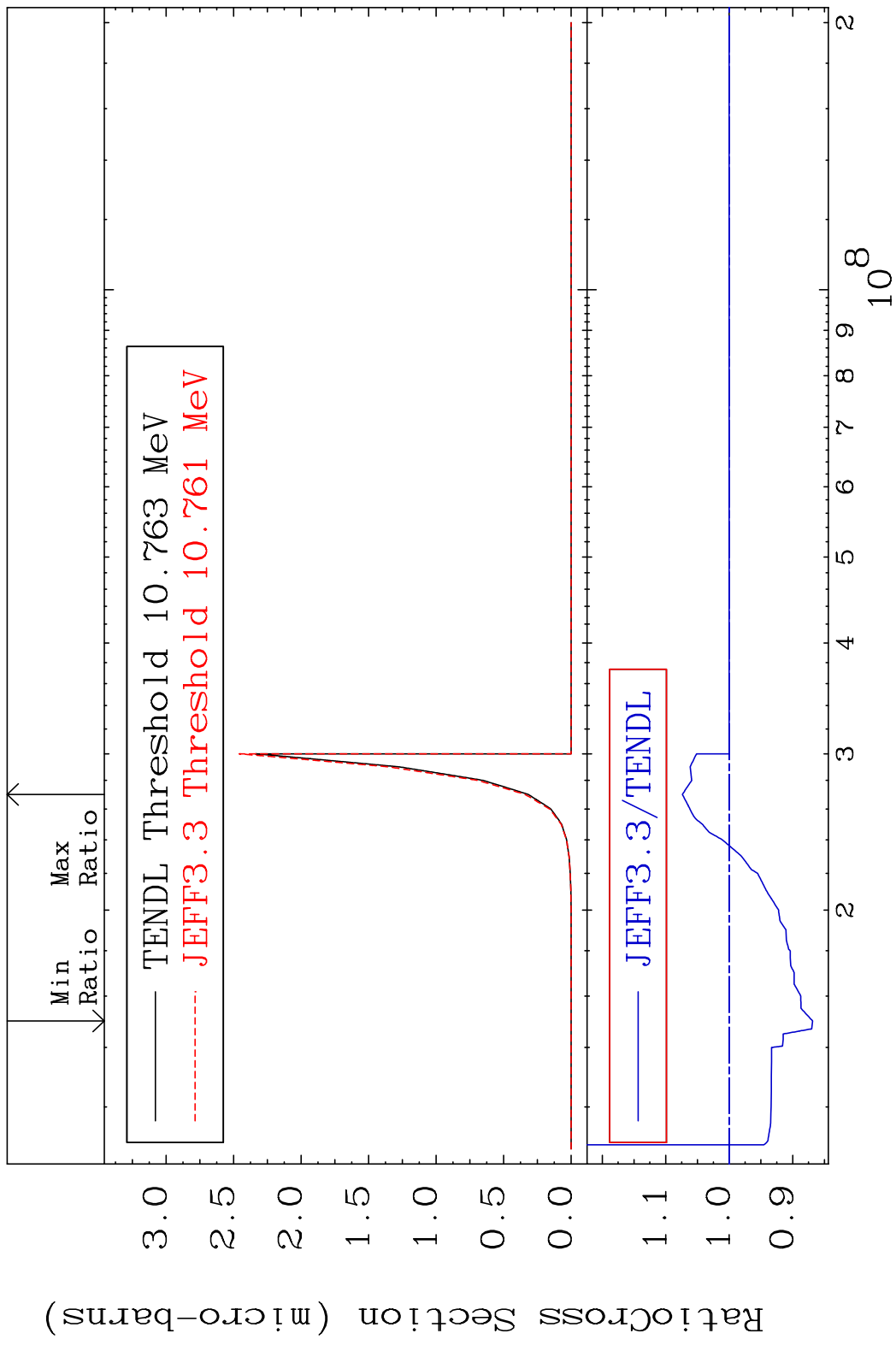
96 Incident Energy (eV) 52-Te-126

MAT 5243 (n, t):51-Sb-124m1 52-Te-126  
 Radionuclide Production Cross Section 8.376 %

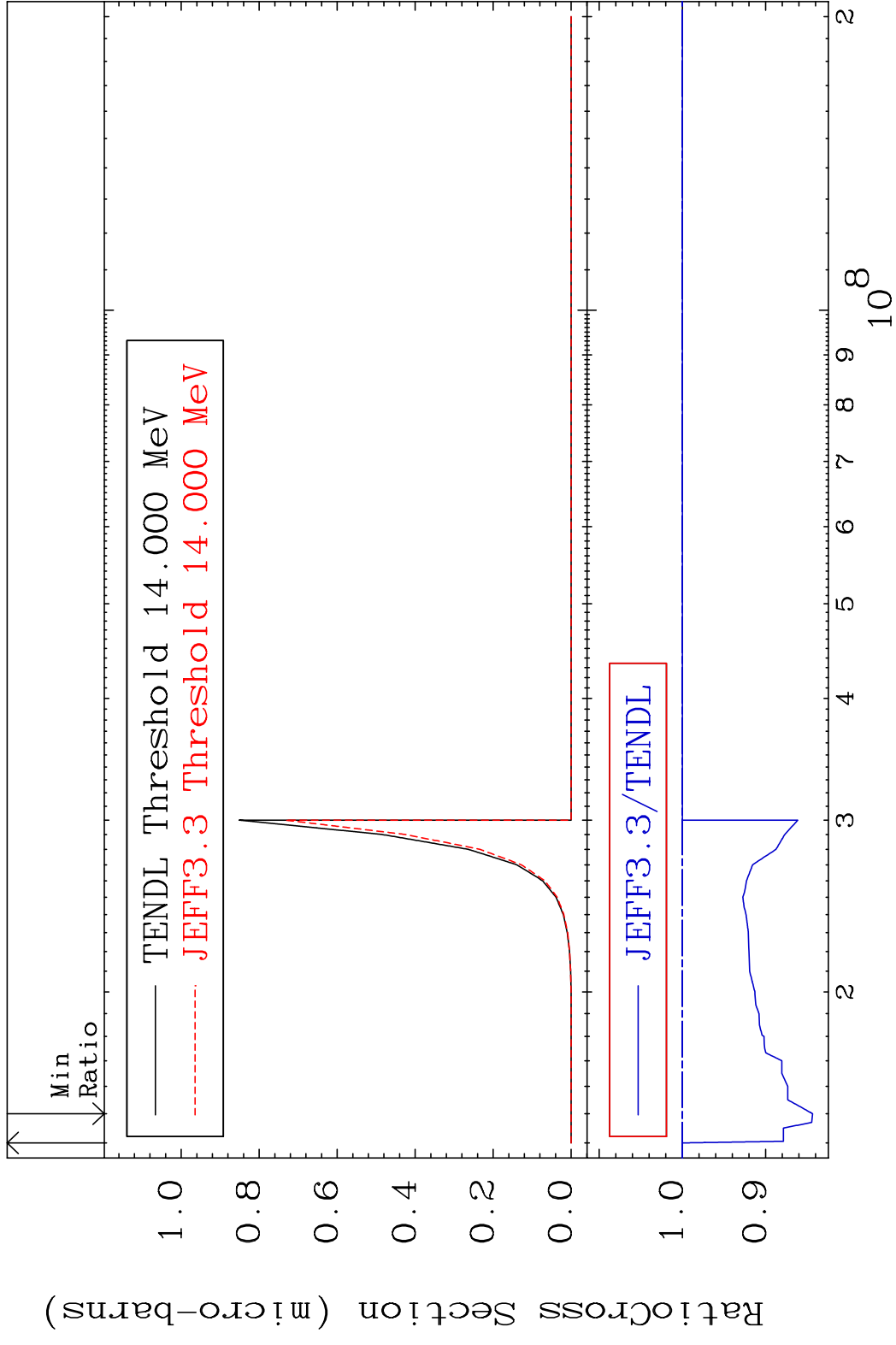


MAT 5243 (n, t):51-Sb-124m2 52-Te-126  
 Radionuclide Production Cross Section 8.863 %

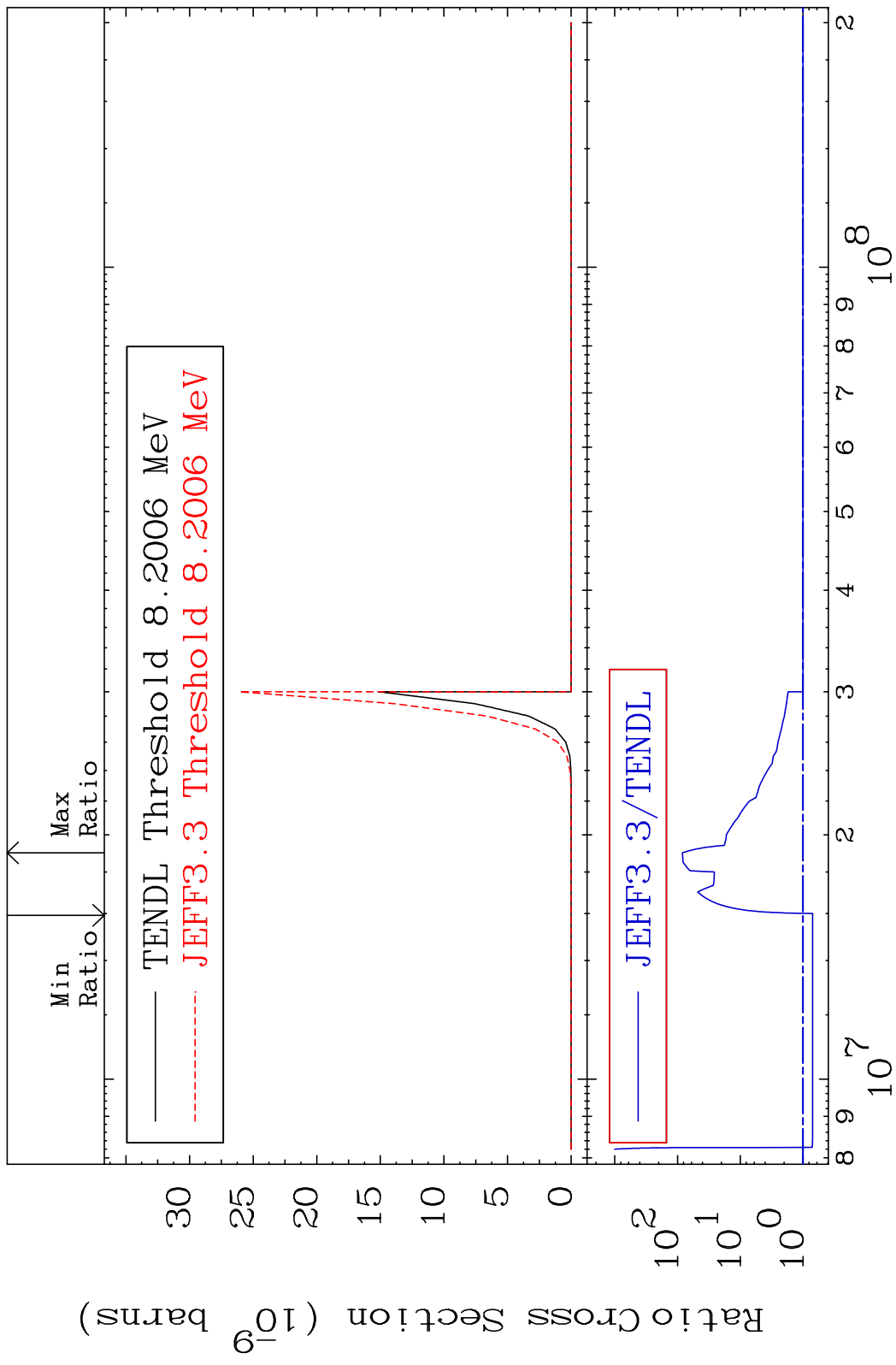




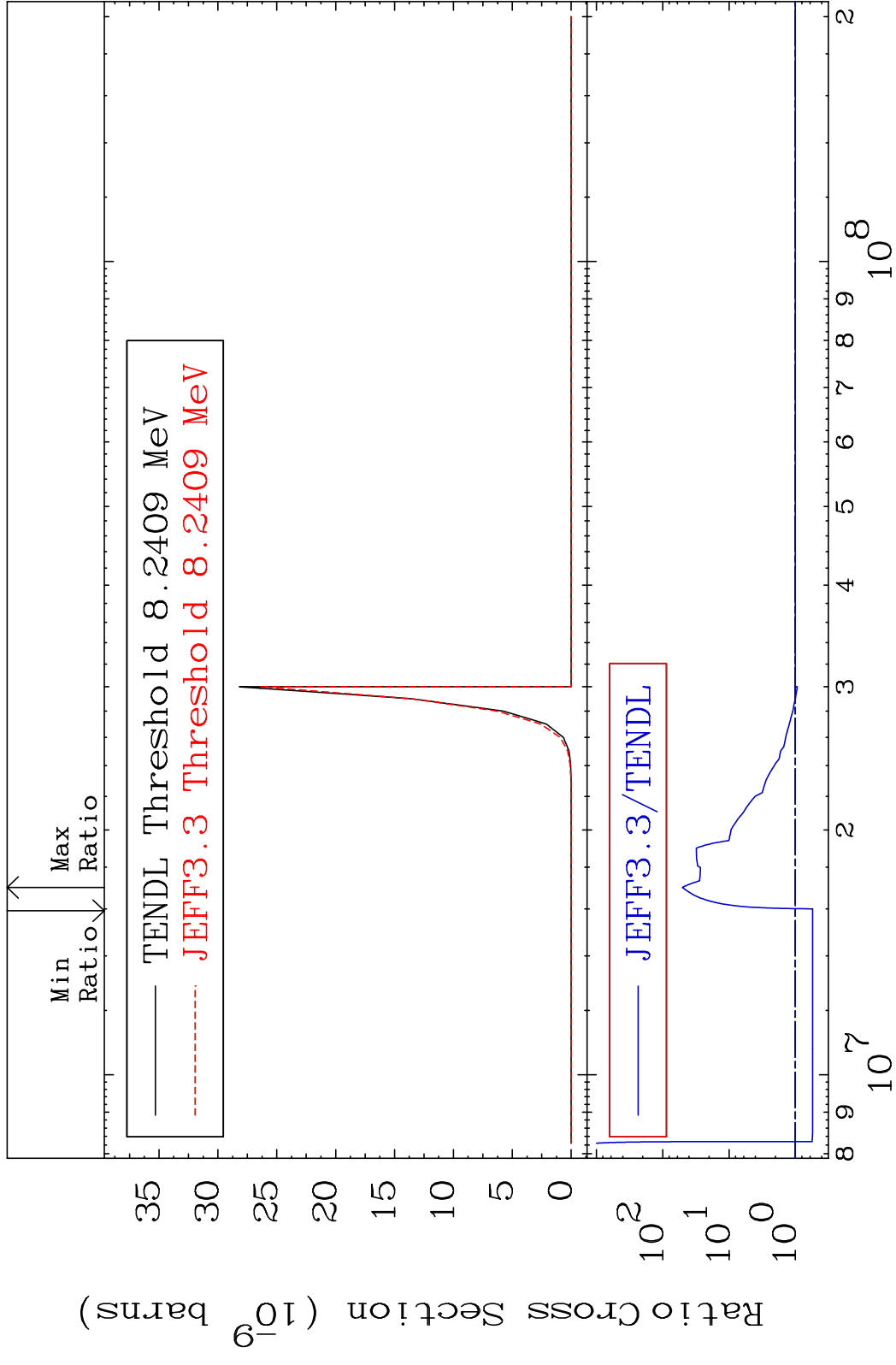
MAT 5243 (n,2p):50-Sn-125m1 52-Te-126  
 Radionuclide Production Cross Section 1 Second 0.000 %



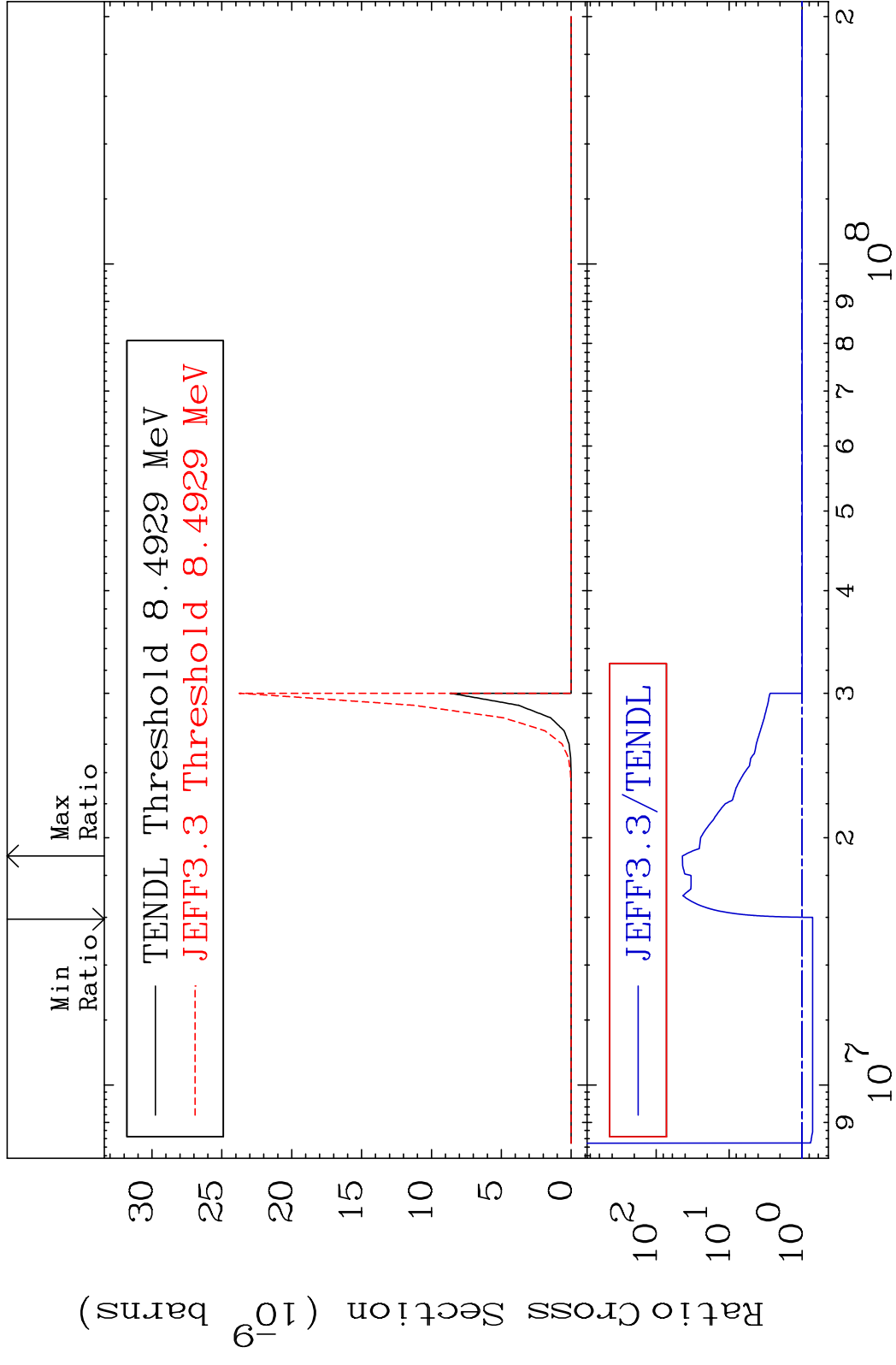
MAT 5243 (n,p)  $\alpha$ :49-In-122g 52-Te-126  
 Radionuclide Production Cross Section 8269. %



MAT 5243 (n, p)  $\alpha$ : 49-In-122m1 52-Te-126  
 Radionuclide Production Cross Section to 4957. %



MAT 5243 (n, p)  $\alpha$ : 49-In-122m5 52-Te-126  
 Radionuclide Production Cross Section Ratio 4273. %



103 Incident Energy (eV) 52-Te-126



MAT 5243 (n, p) t:50-Sn-123g 52-Te-126  
 Radionuclide Production Cross Section 344.0 %

