

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

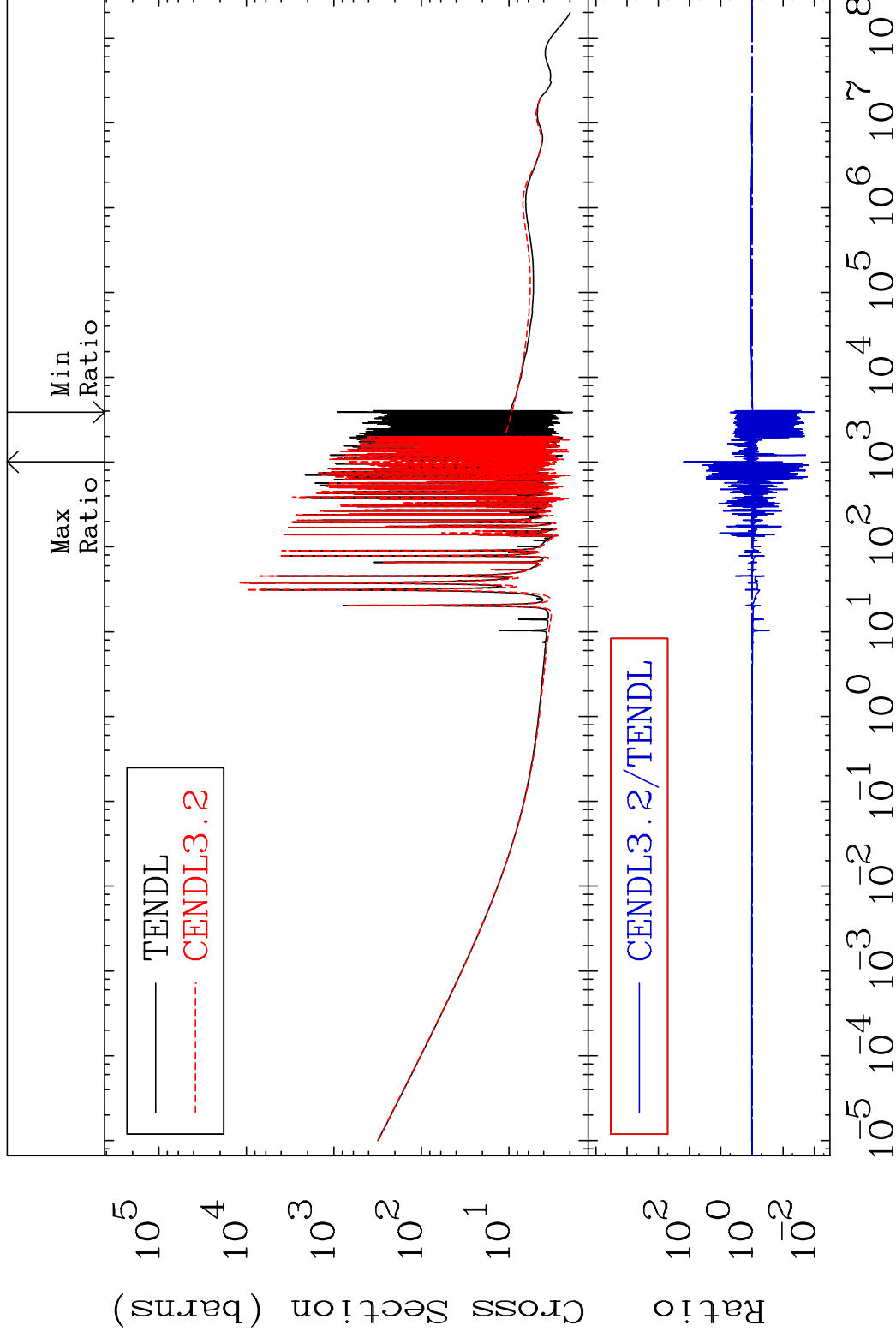
MAT 5325

Total

53-I -127

Cross Section

-98.98 To 9999. %



1

Incident Energy (eV)

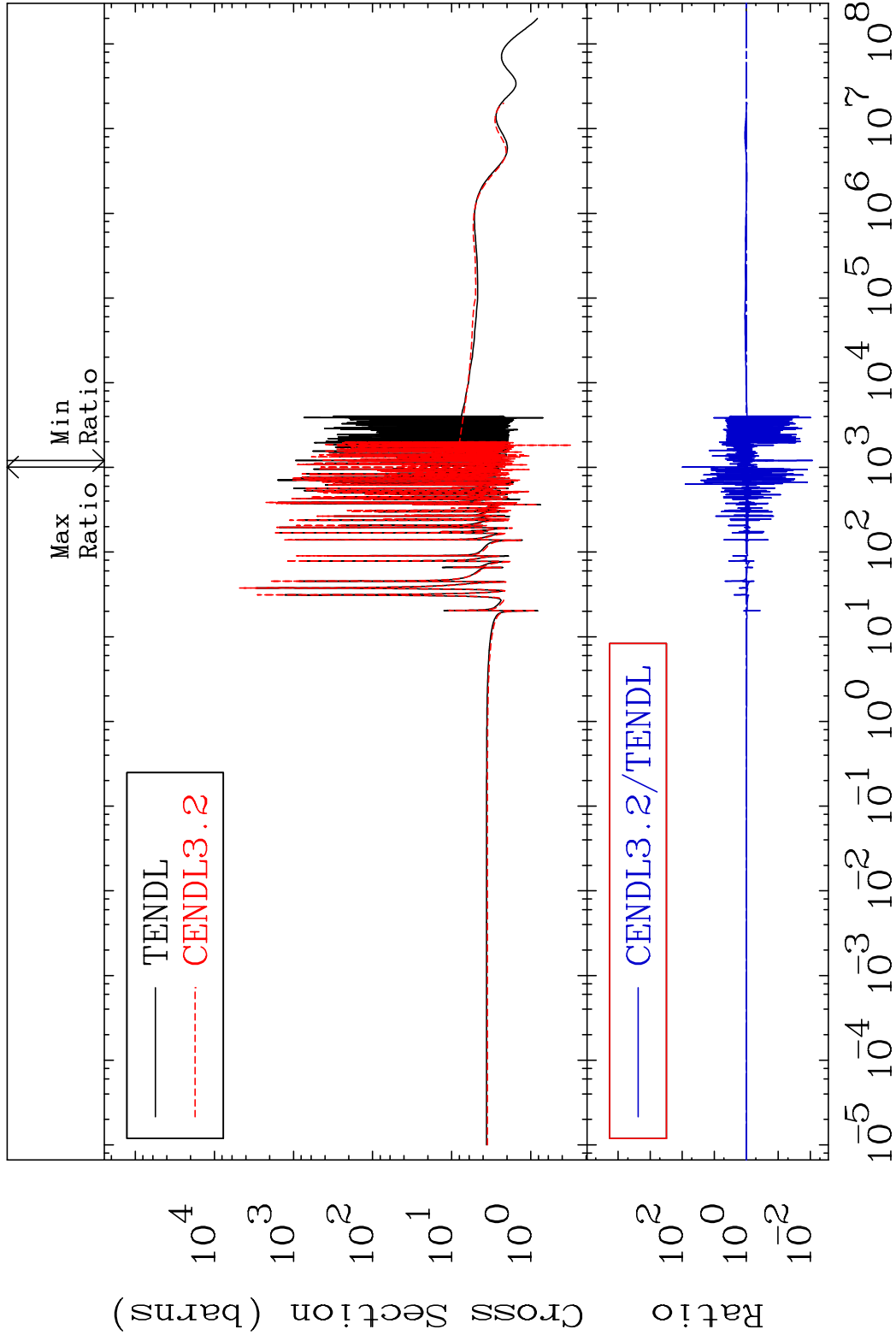
53-I -127

MAT 5325

Elastic

53-I -127

Cross Section -99.15 To 9787. %



2

Incident Energy (eV)

53-I -127

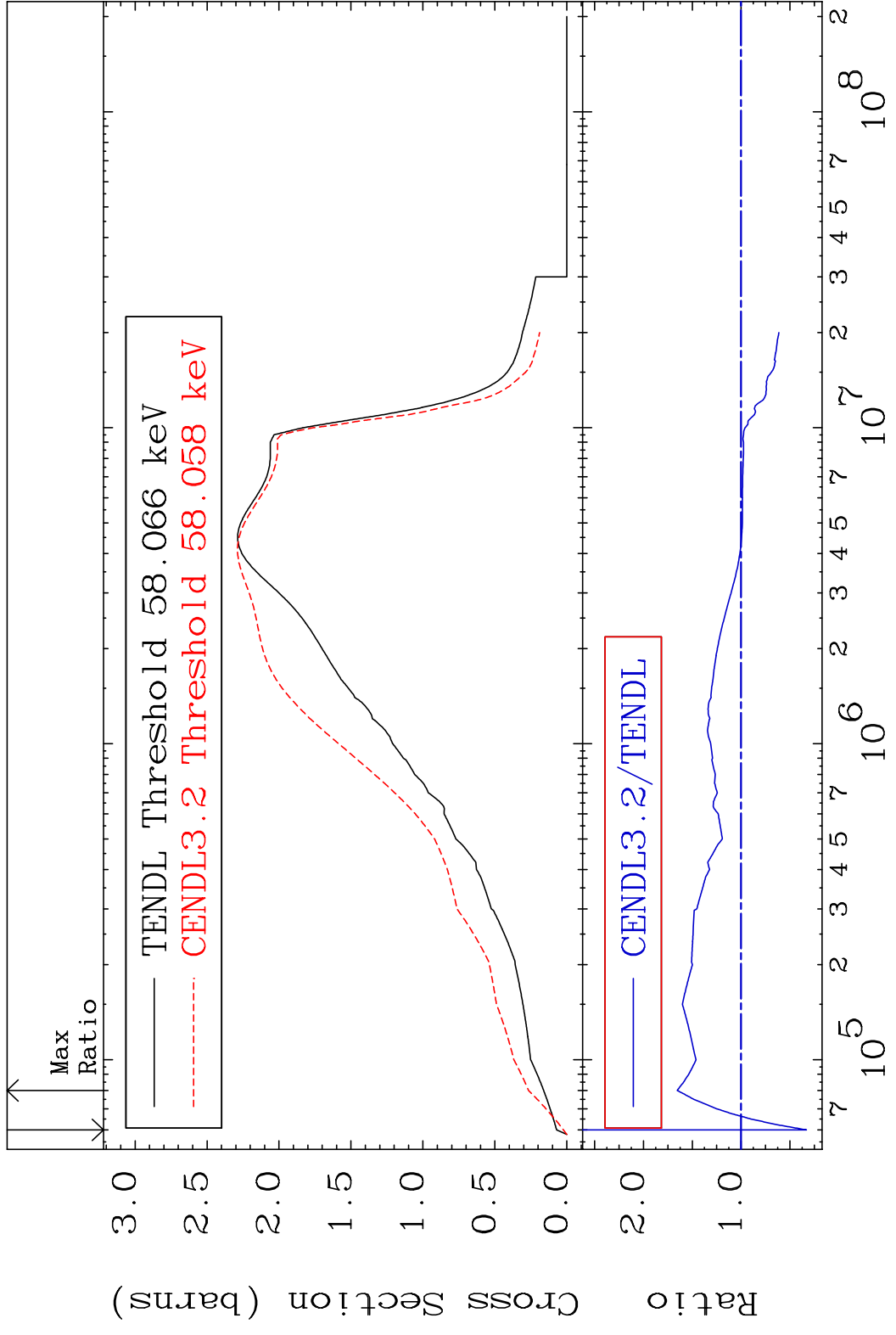
MAT 5325

Inelastic

53-I -127

Cross Section

-66.76 To 65.43 %



3

Incident Energy (eV)

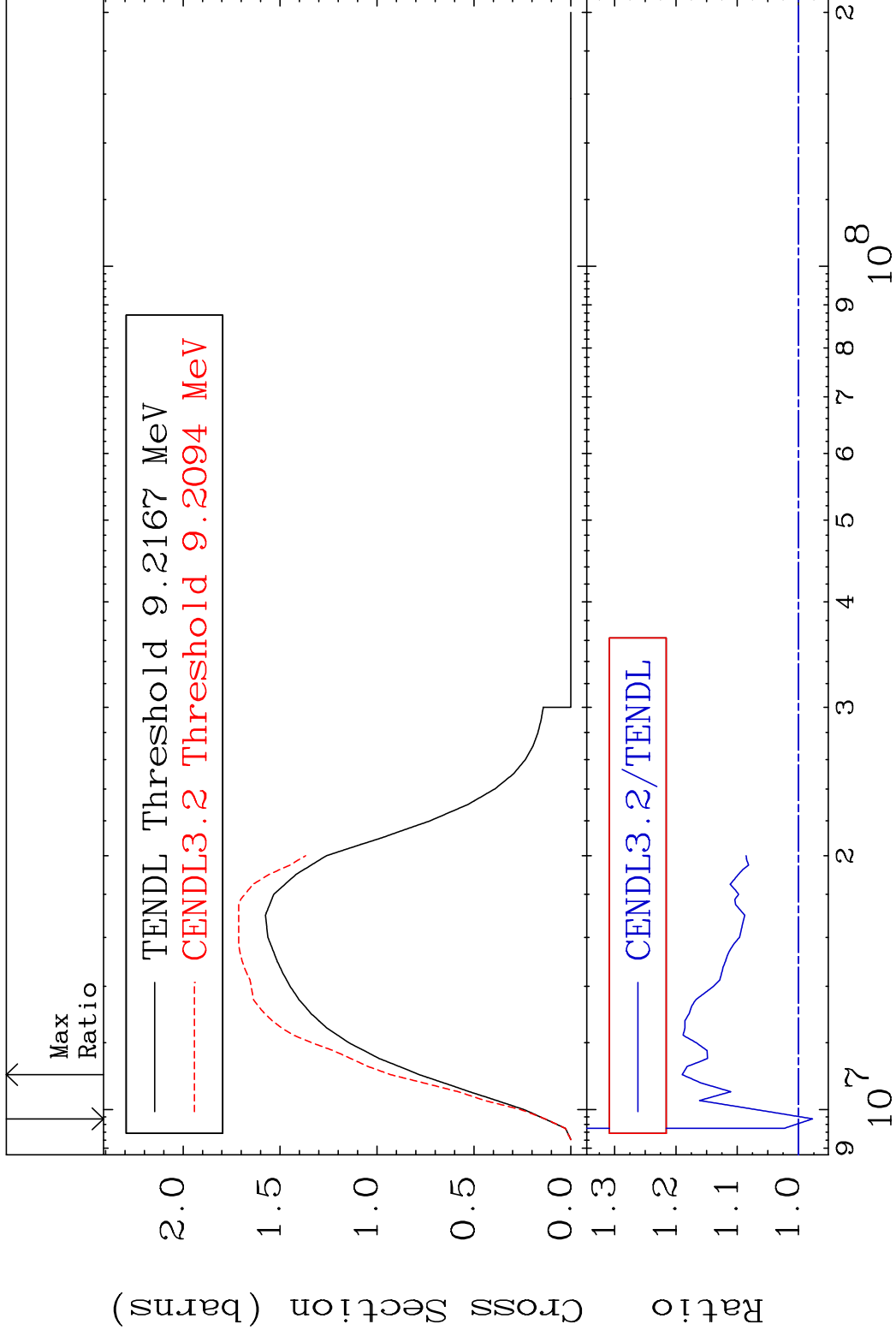
53-I -127

MAT 5325

(n,2n)

53-I -127

Cross Section -2.287 To 18.98 %



4

Incident Energy (eV)

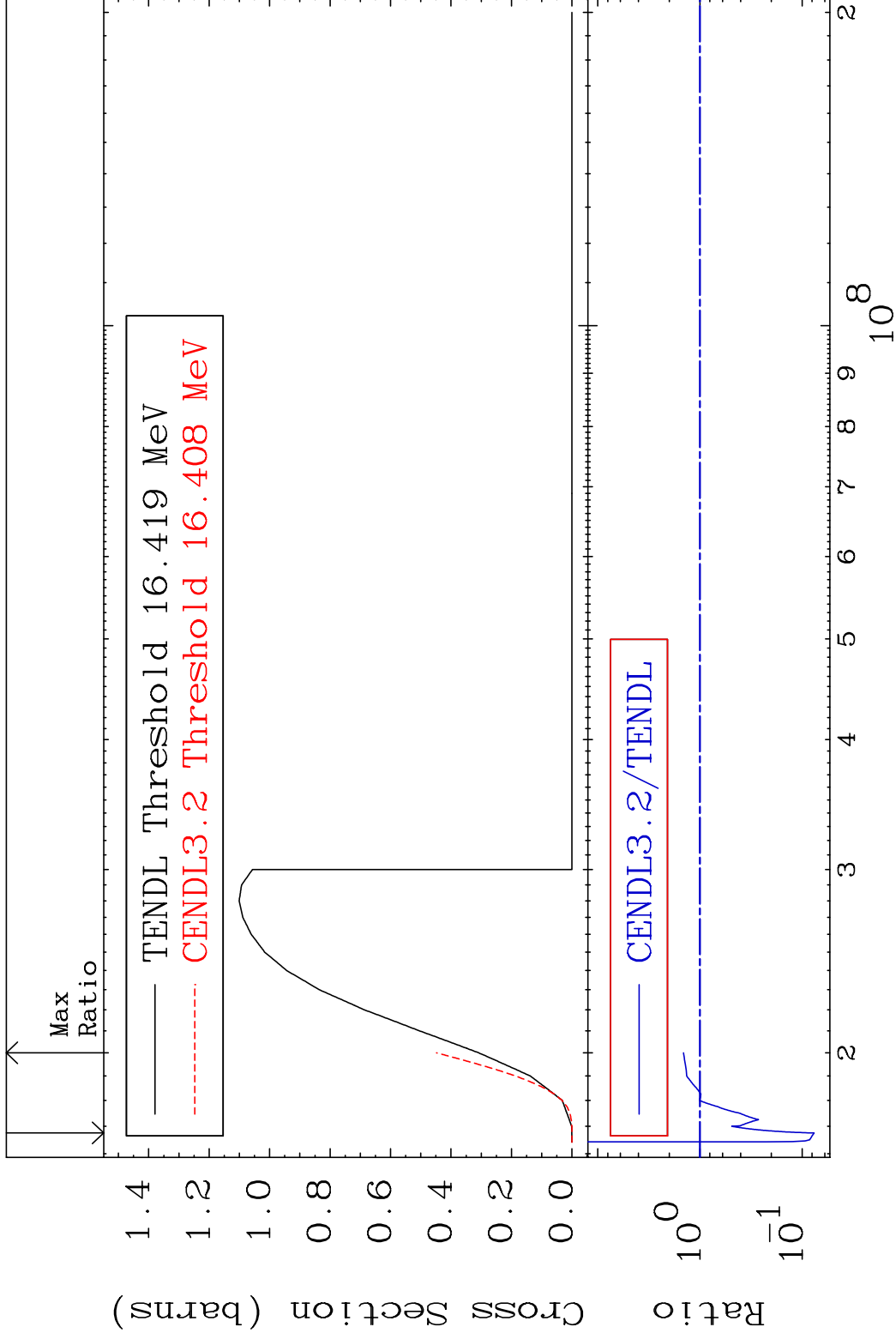
53-I -127

MAT 5325

(n,3n)

53-I -127

Cross Section -92.34 To 45.14 %

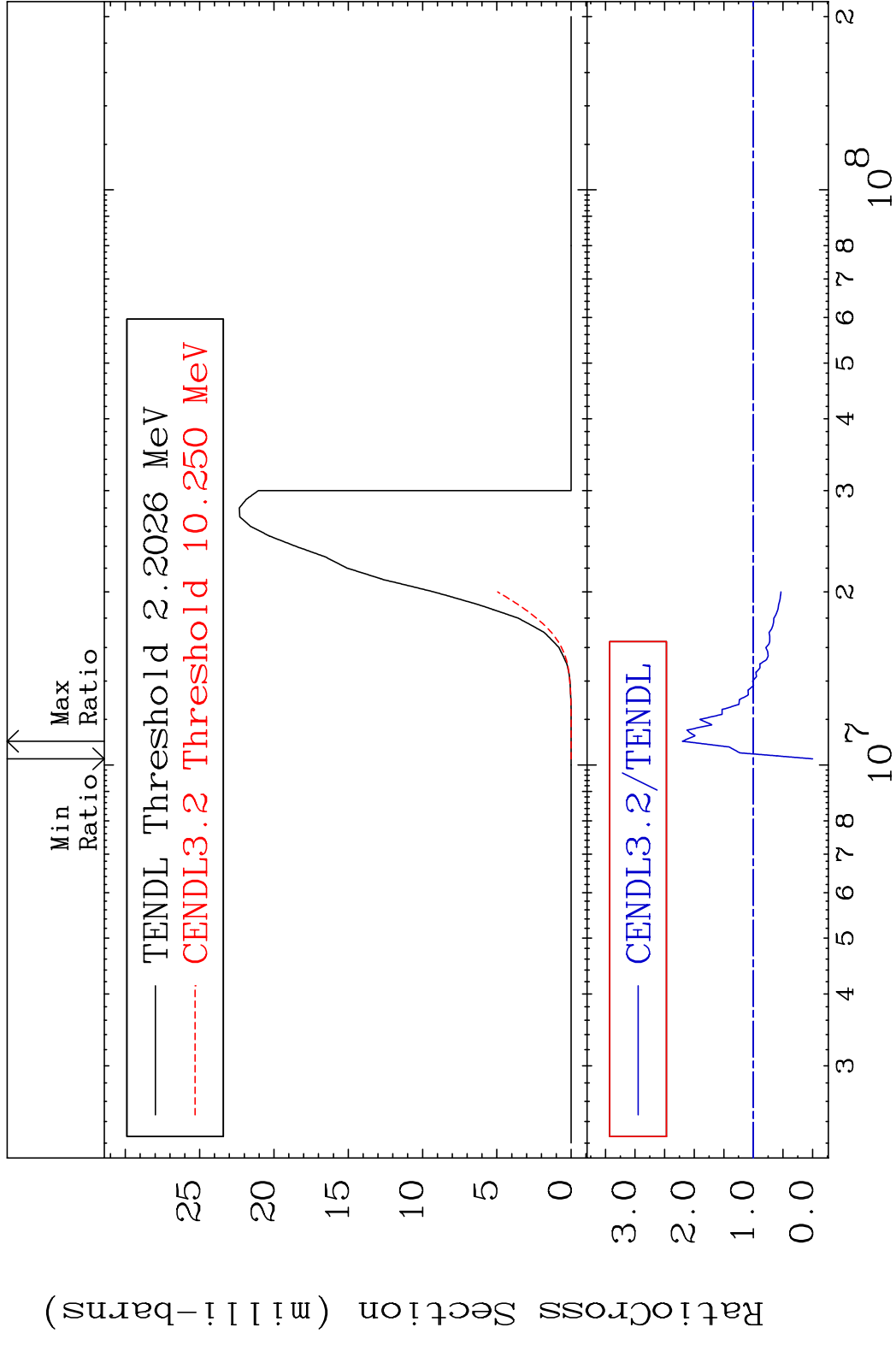


5

Incident Energy (eV)

53-I -127

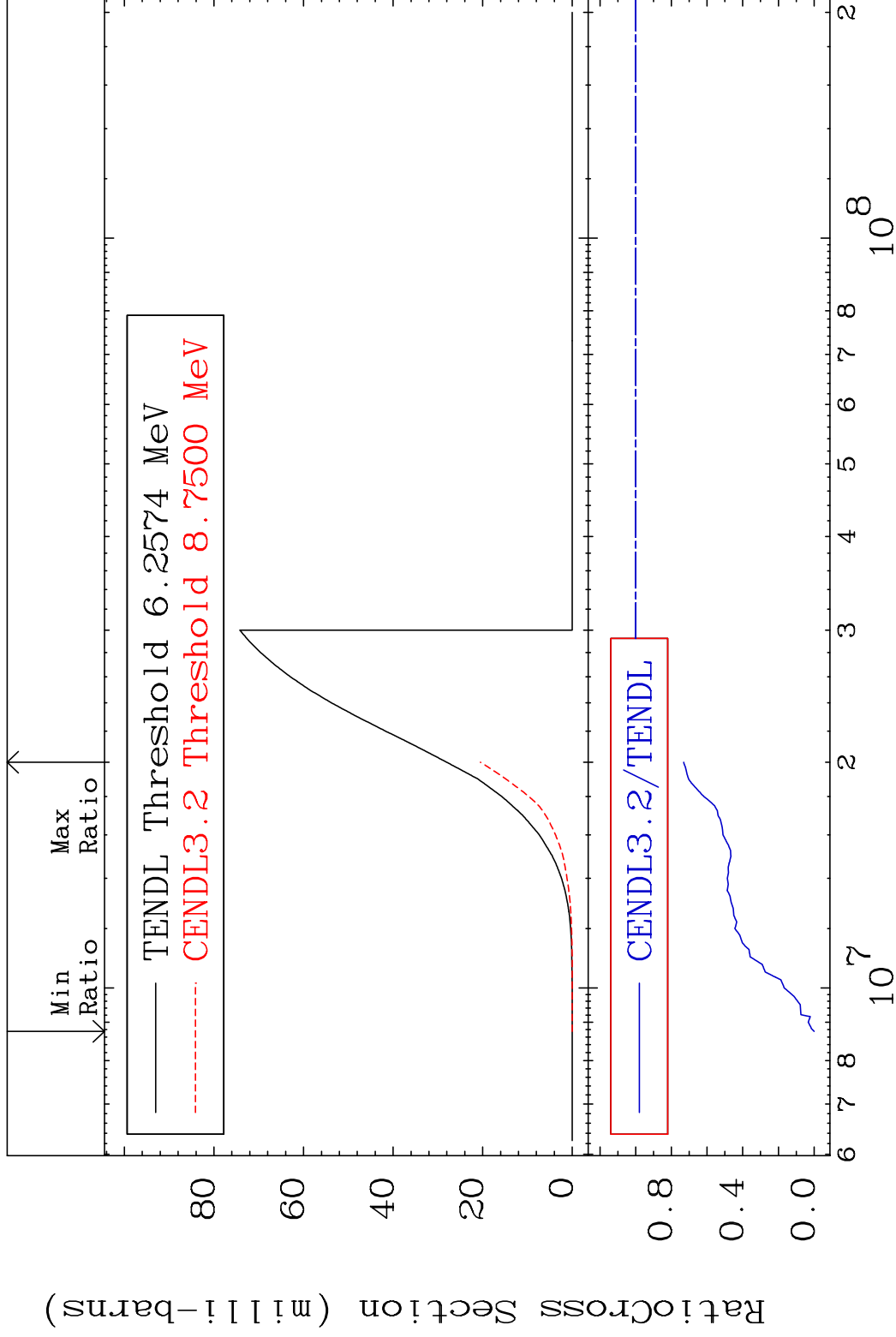
MAT 5325 (n, n')  $\alpha$  53-I -127  
 Cross Section -100.0 To 120.1 %



MAT 5325

(n, n') p 53-I -127

Cross Section -100.0 To -26.90%

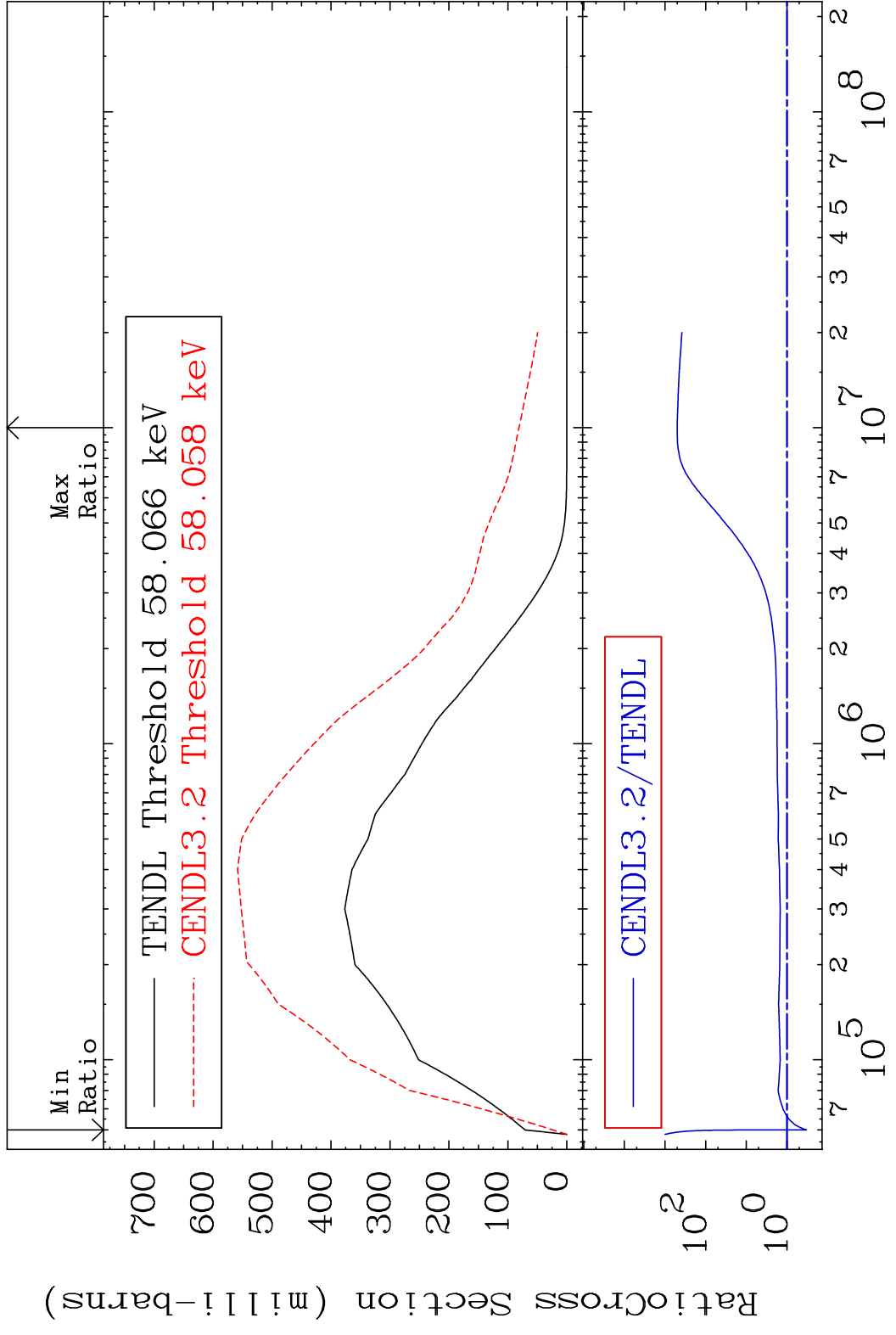


7

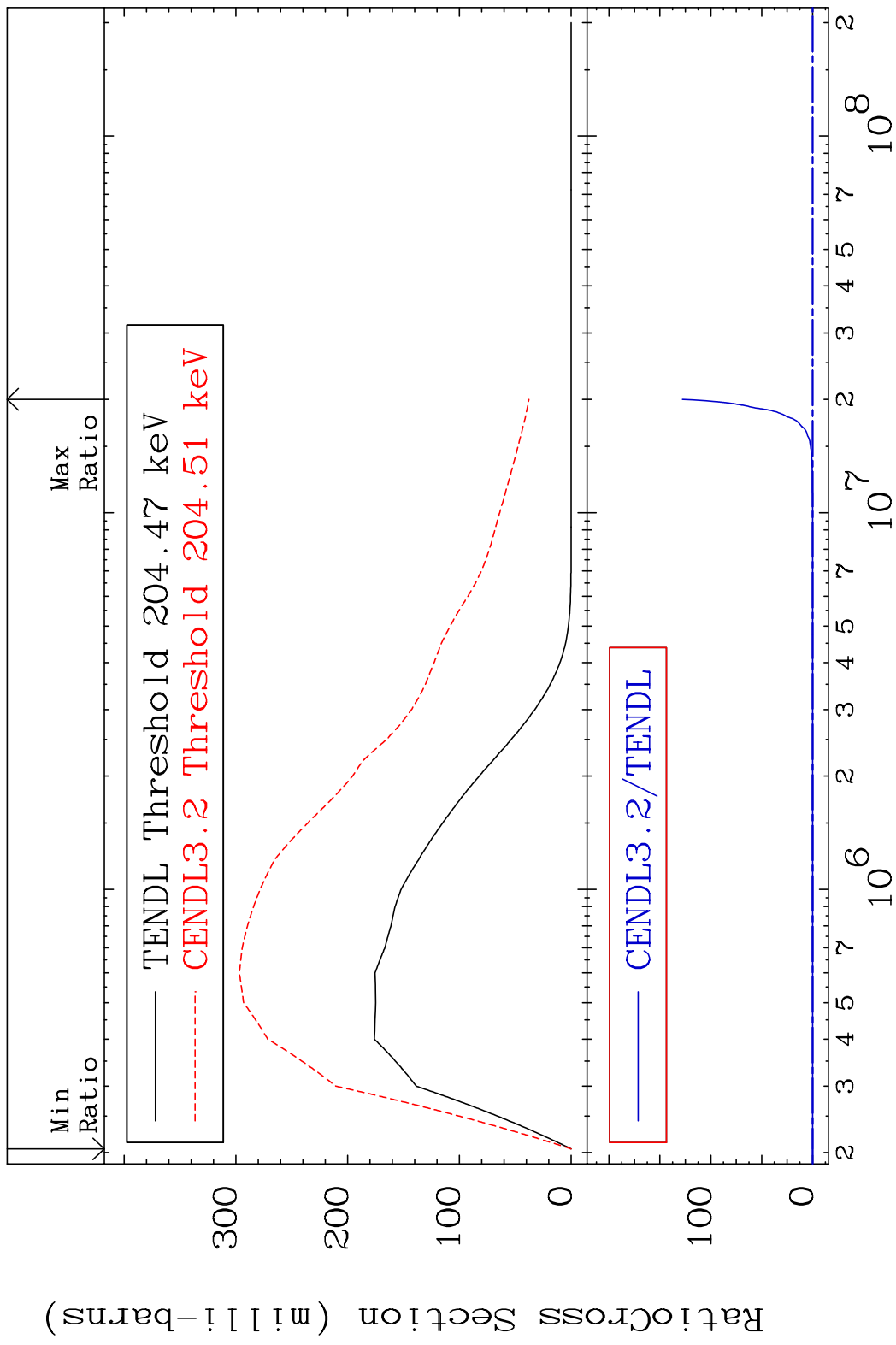
Incident Energy (eV)

53-I -127

MAT 5325 MT= 51 (n, n') Level 53-I -127  
 Cross Section -66.76 To 9999. %



MAT 5325 MT= 52 (n,n') Level 53-I -127  
 Cross Section -100.0 To 9999. %

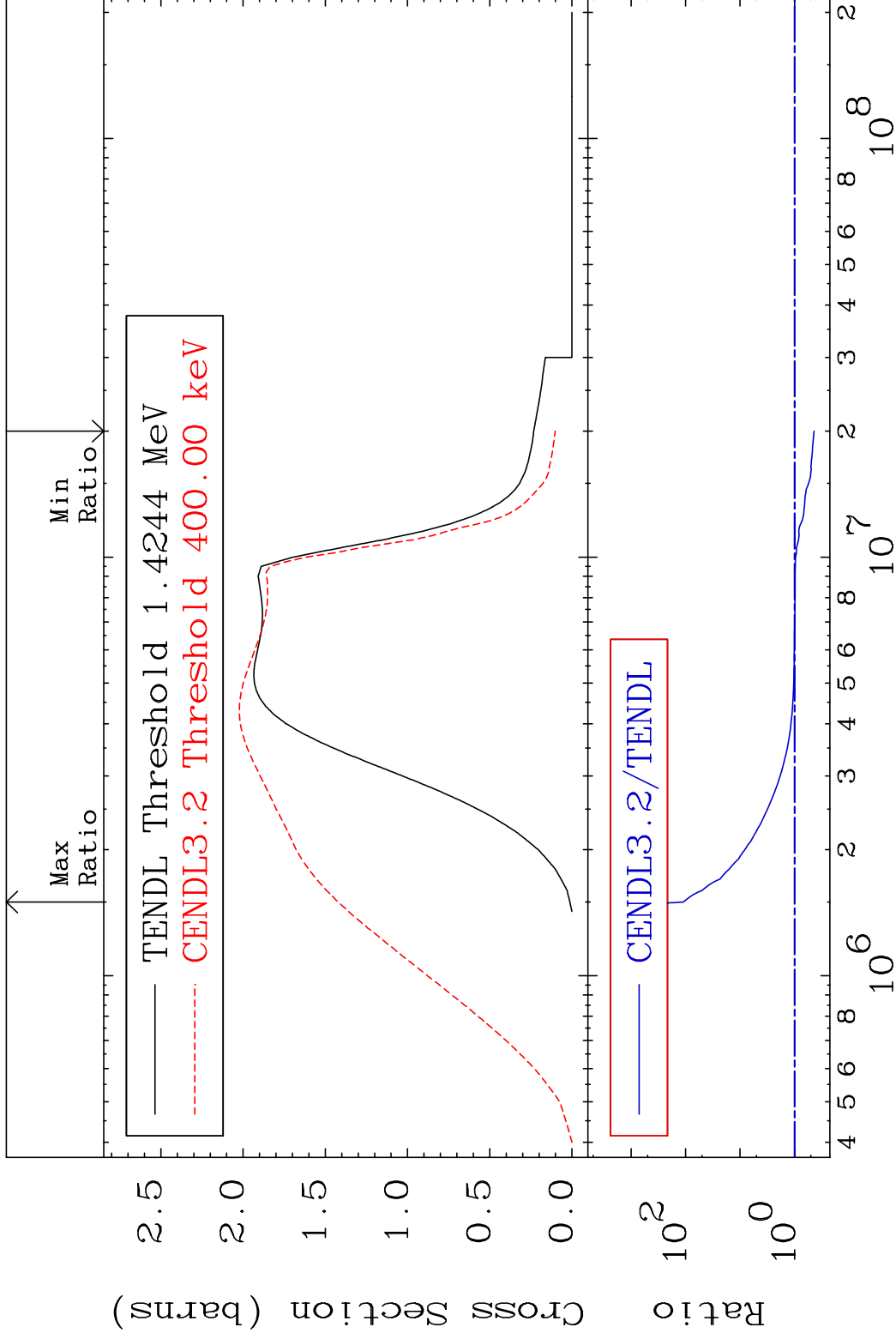


MAT 5325

(n, n') Continuum

53-I -127

Cross Section -56.17 To 9999. %



10

Incident Energy (eV)

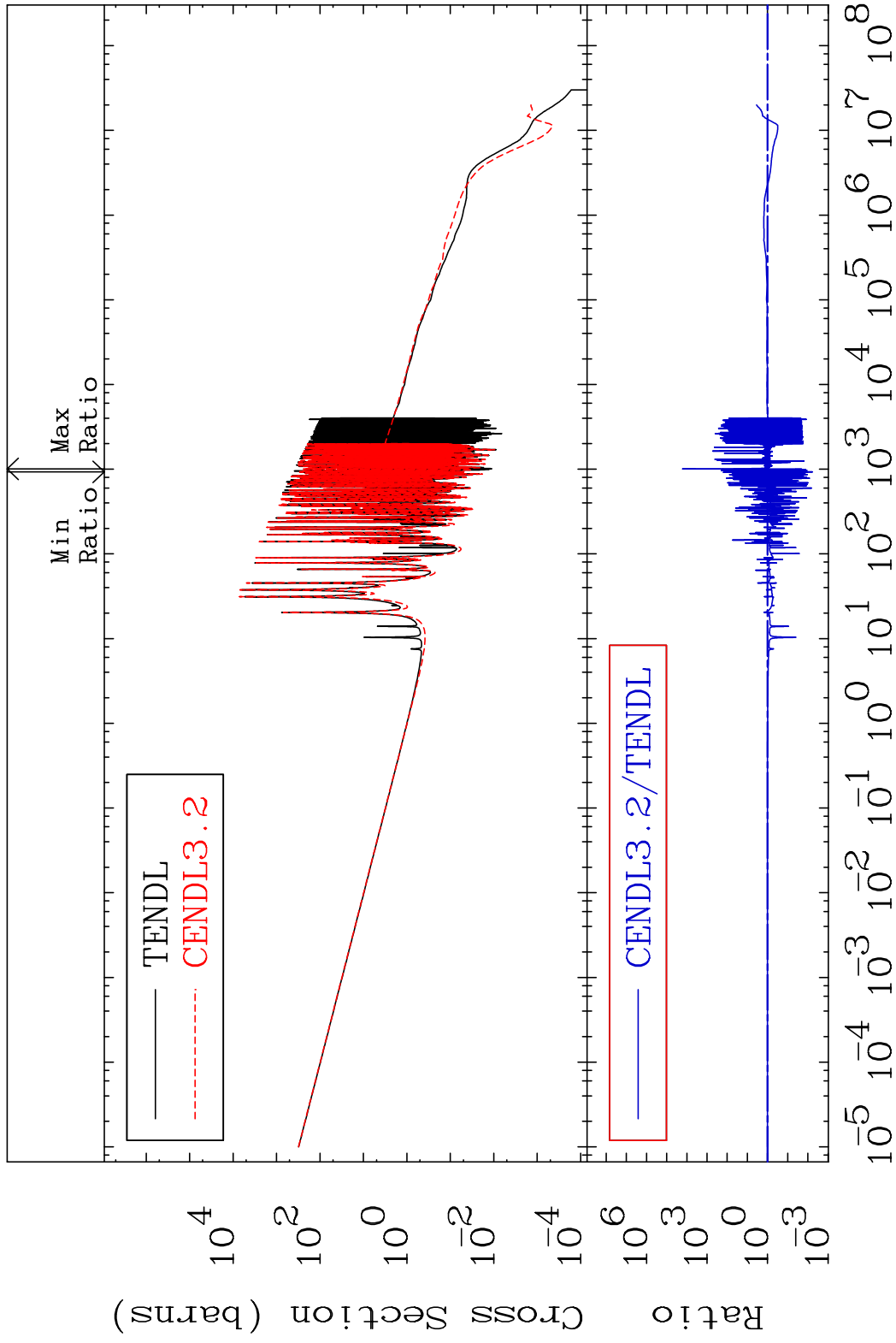
53-I -127

MAT 5325

(n,  $\gamma$ )

53-I -127

Cross Section -99.41 To 9999. %



11

Incident Energy (eV)

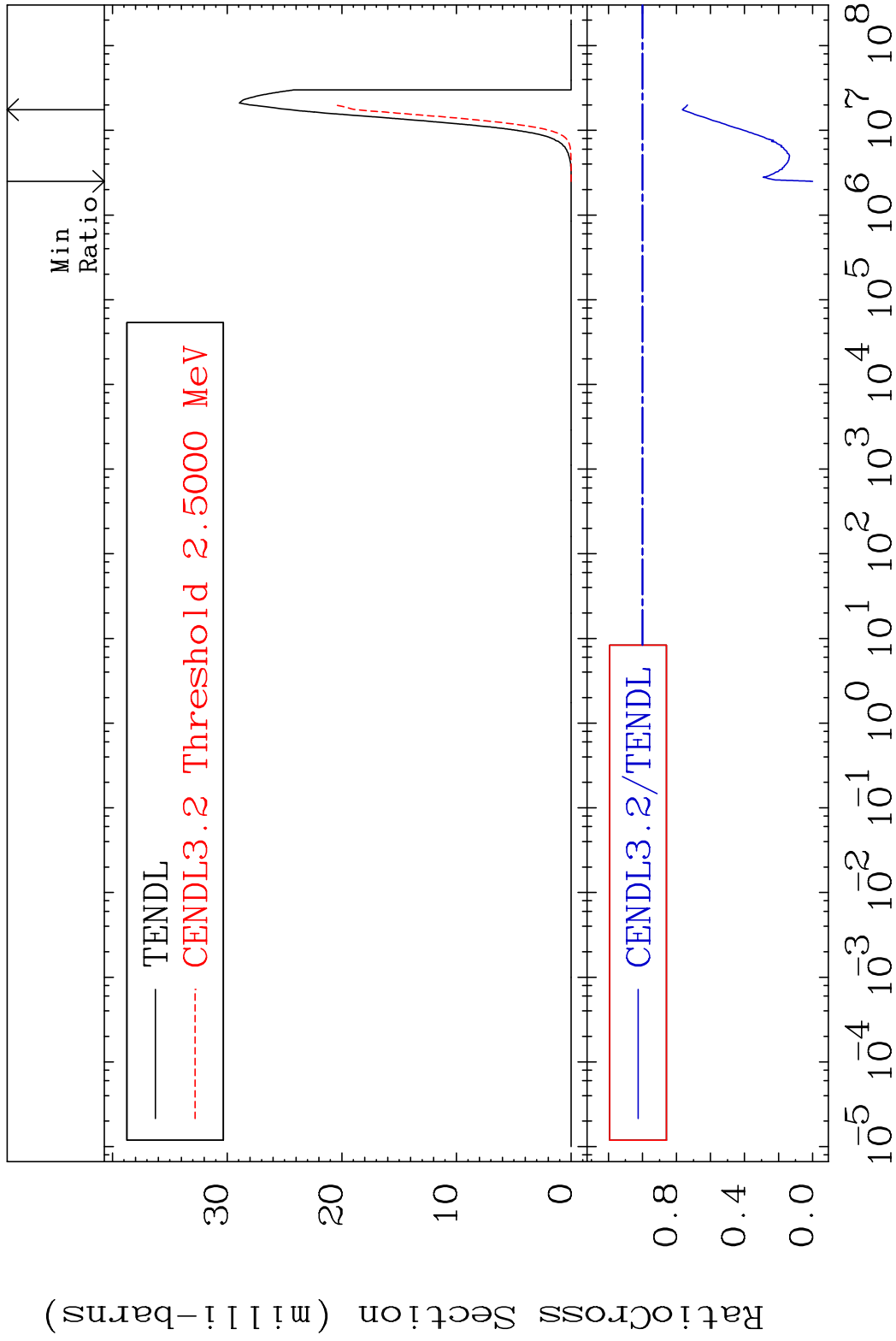
53-I -127

MAT 5325

(n, p)

53-I -127

Cross Section -100.0 To -23.45%



12

Incident Energy (eV)

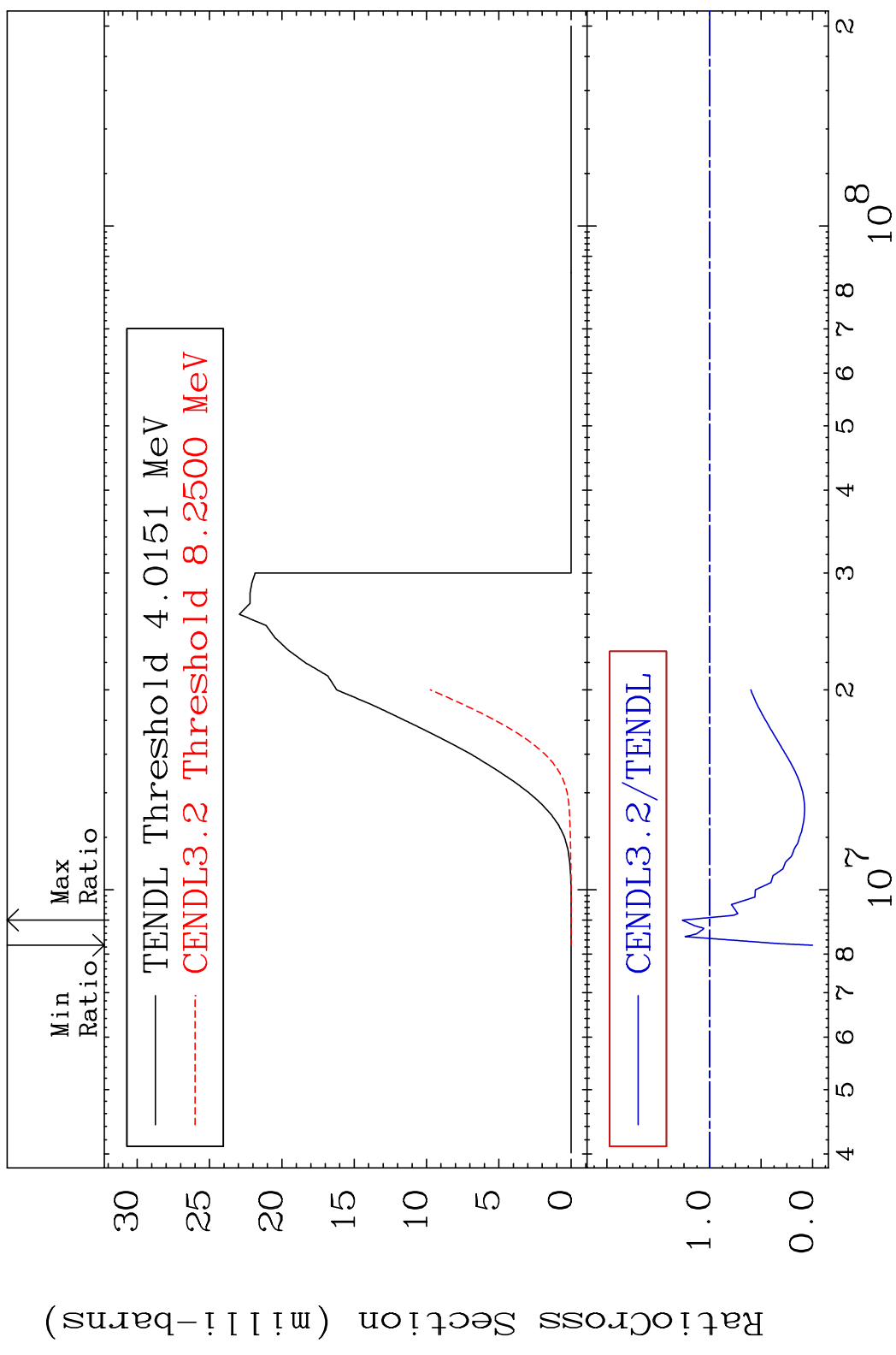
53-I -127

MAT 5325

(n, d)

53-I -127

Cross Section -100.0 To 26.63 %

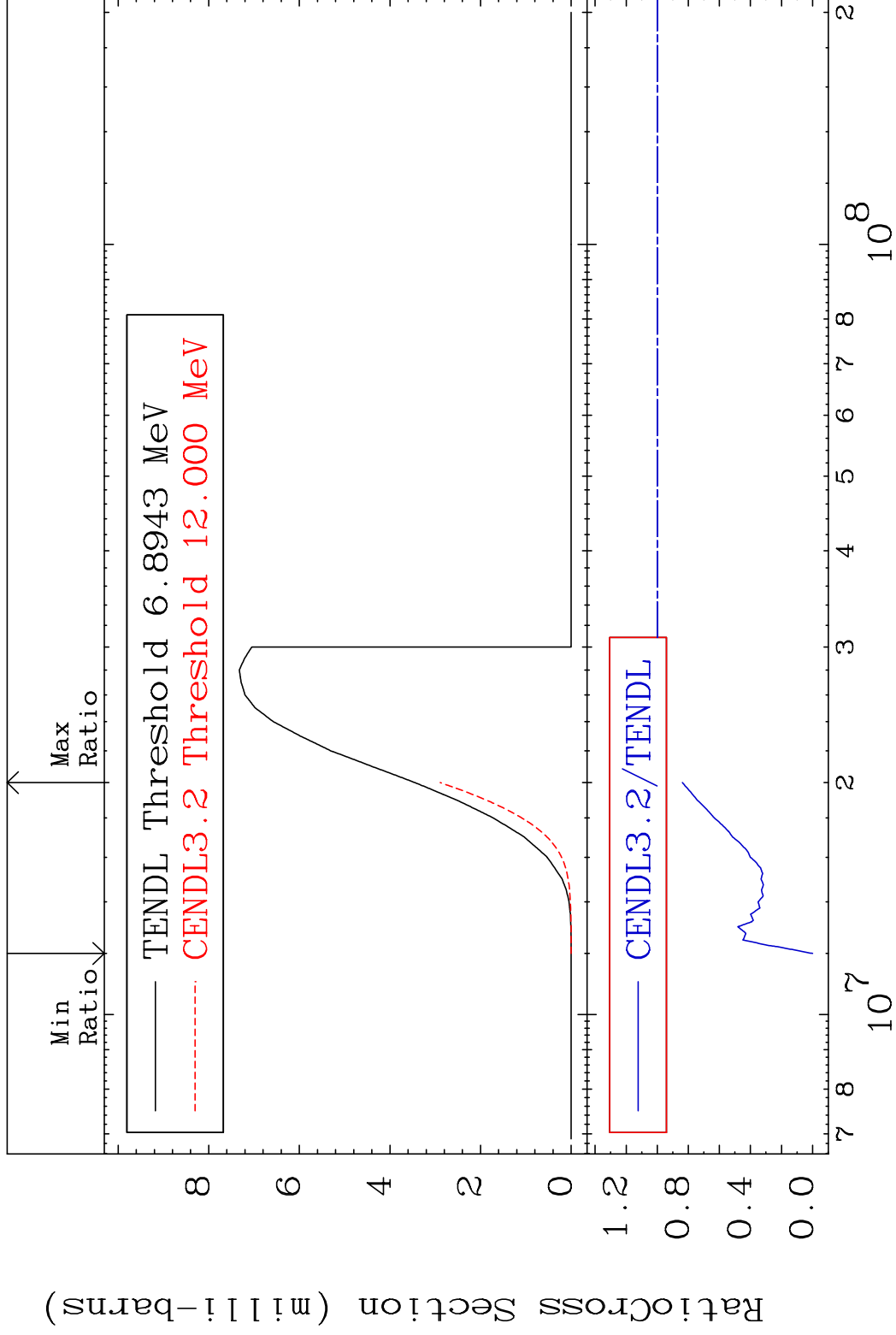


MAT 5325

(n, t)

53-I -127

Cross Section -100.0 To -16.17%



14

Incident Energy (eV)

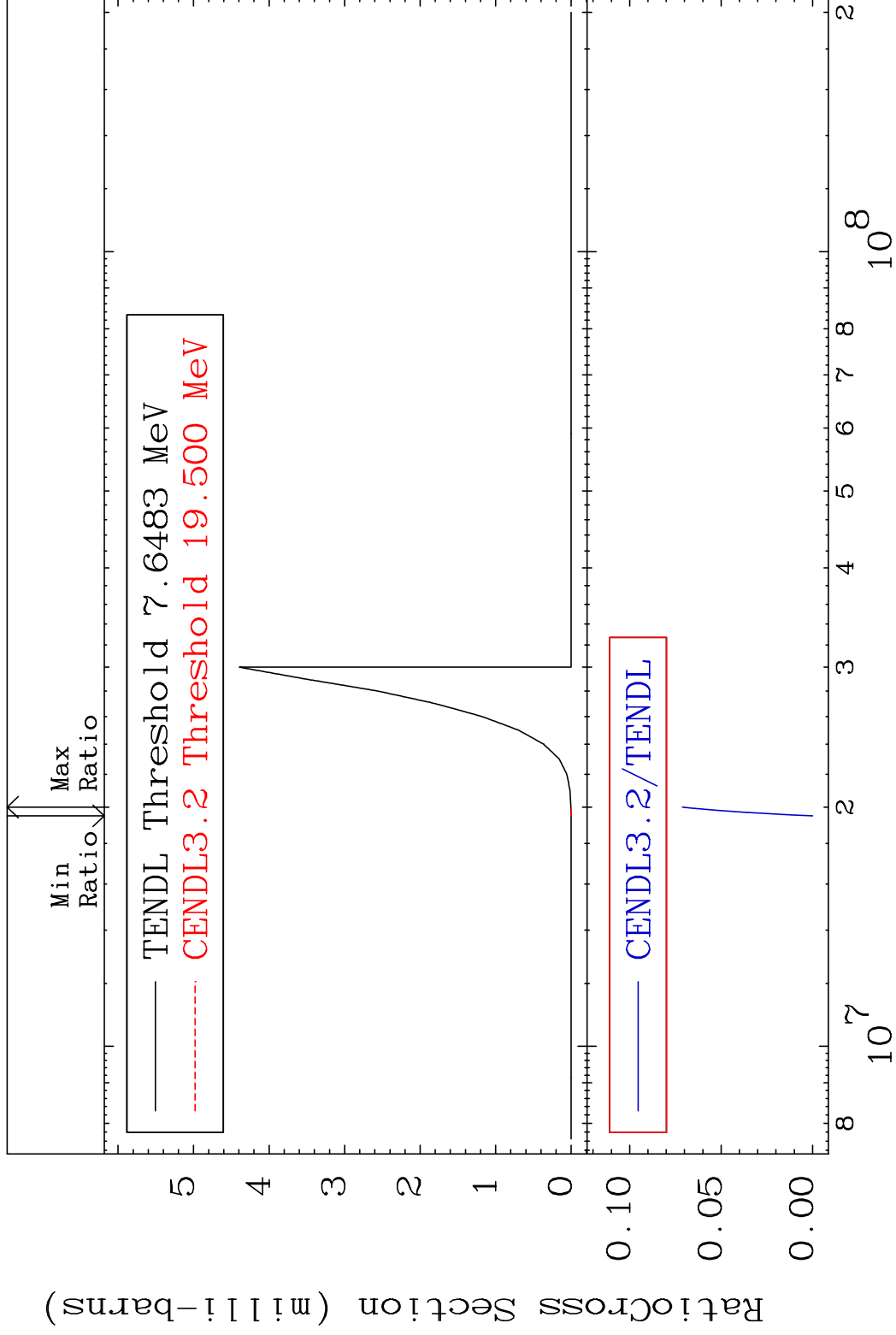
53-I -127

MAT 5325

(n, He-3)

53-I -127

Cross Section -100.0 To -92.88%



15

Incident Energy (eV)

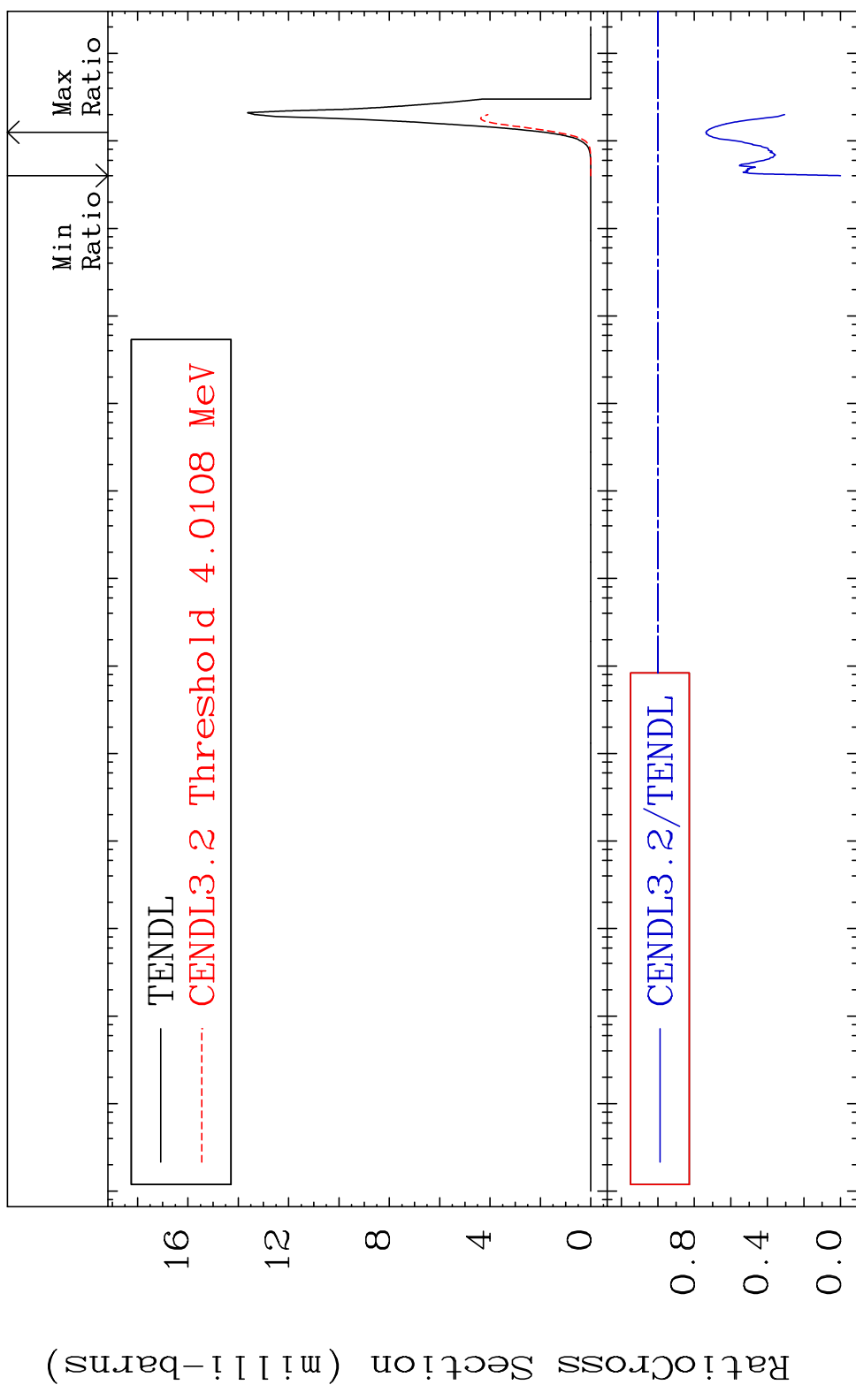
53-I -127

MAT 5325

(n,  $\alpha$ )

53-I -127

Cross Section -100.0 To -26.25%



16

Incident Energy (eV)

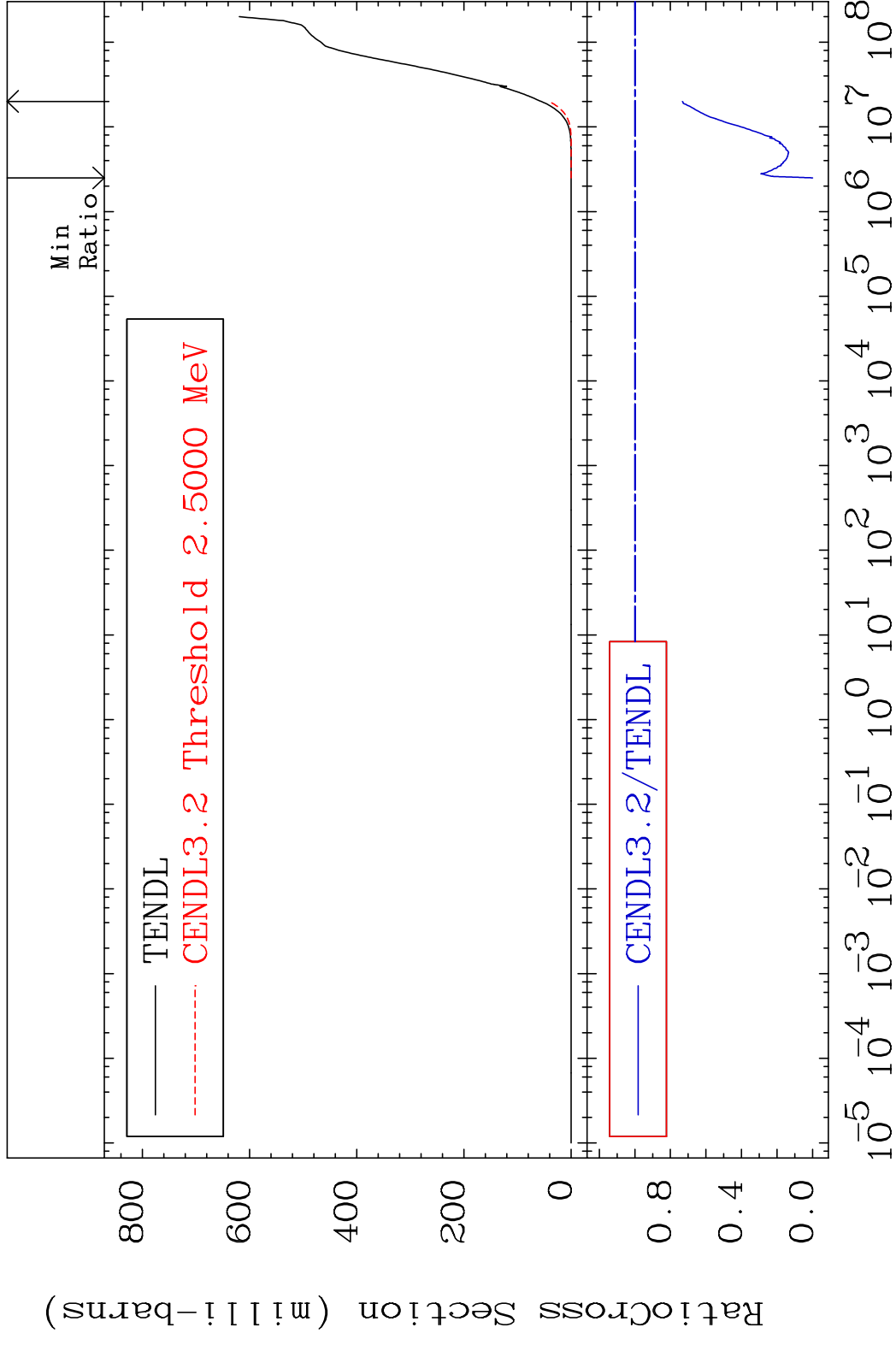
53-I -127

MAT 5325

Hydrogen Production

53-I -127

Cross Section -100.0 To -26.72%



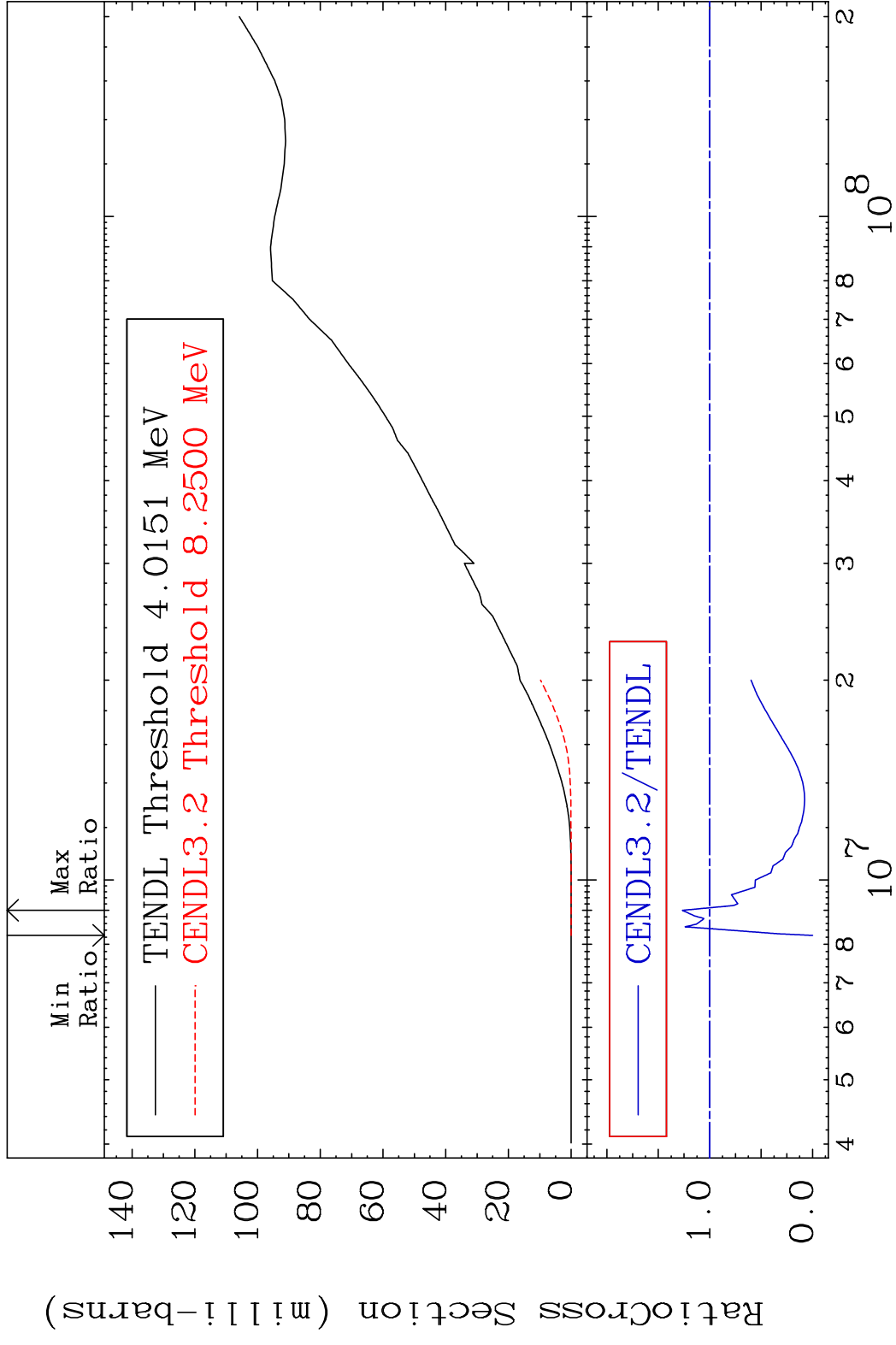
17

Incident Energy (eV)

53-I -127

MAT 5325

Deuterium Production 53-I -127  
Cross Section -100.0 To 26.63 %



18

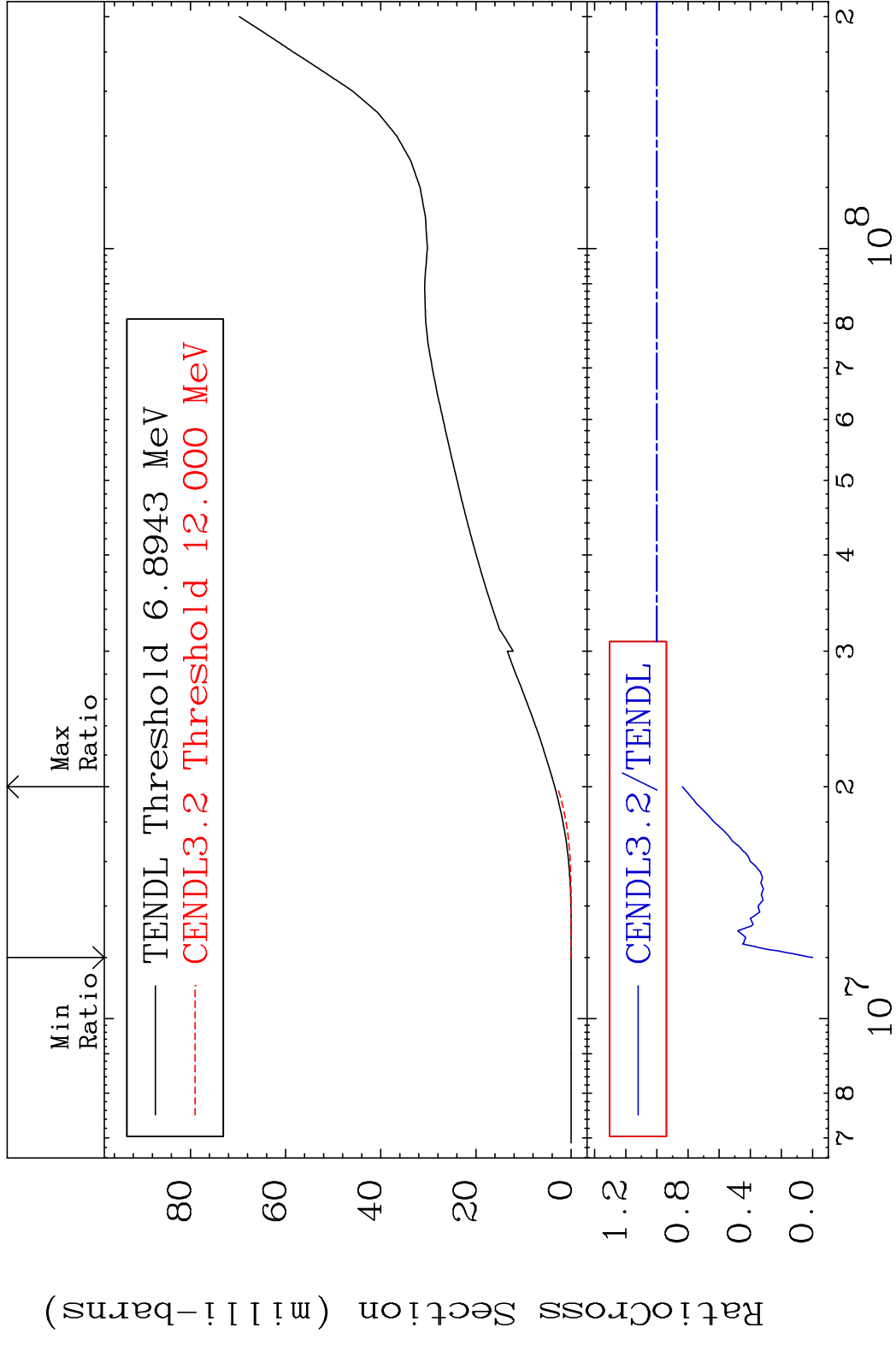
Incident Energy (eV)

53-I -127

MAT 5325

Tritium Production 53-I -127

Cross Section -100.0 To -16.34%

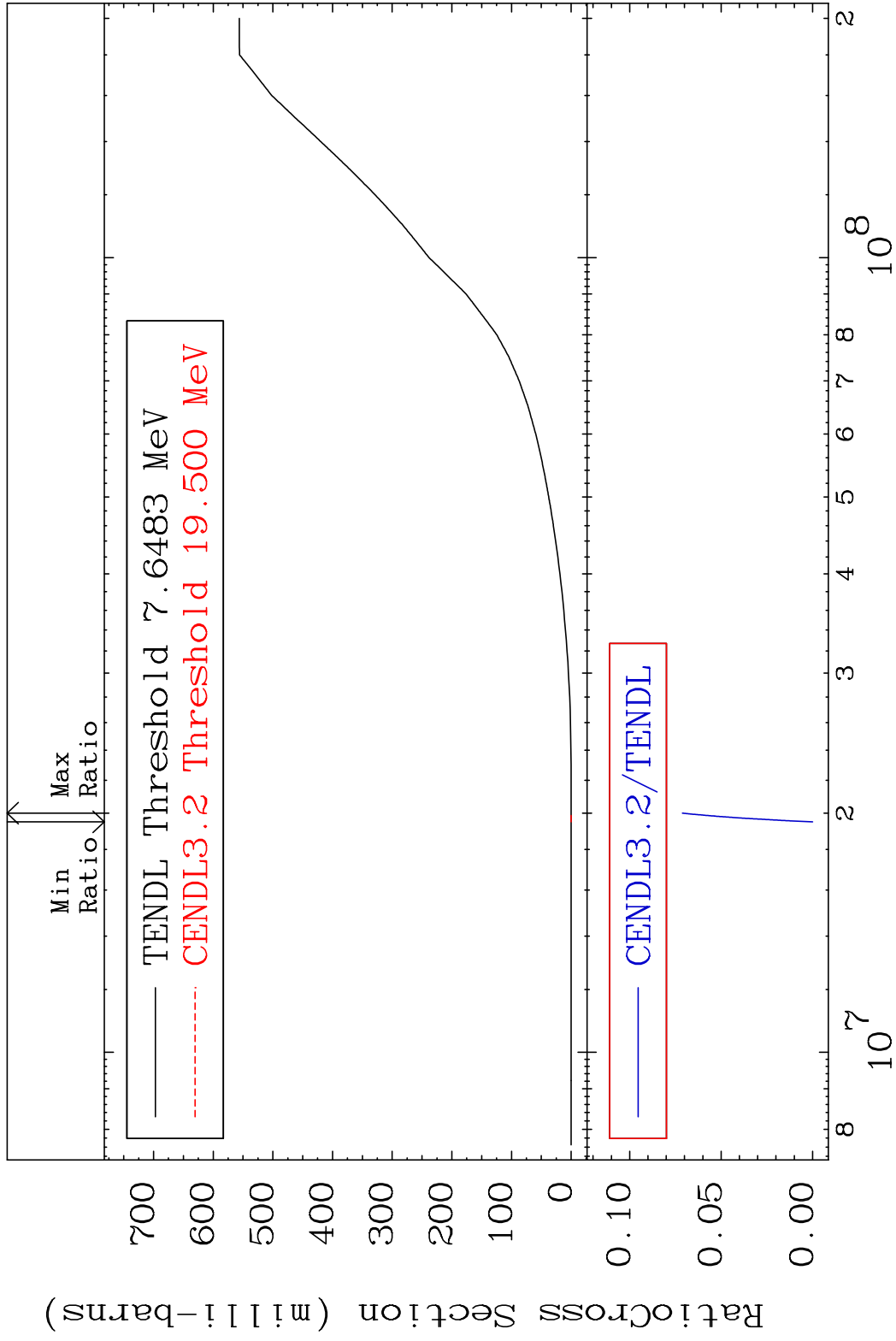


MAT 5325

He-3 Production

53-I -127

Cross Section -100.0 To -92.88%



20

Incident Energy (eV)

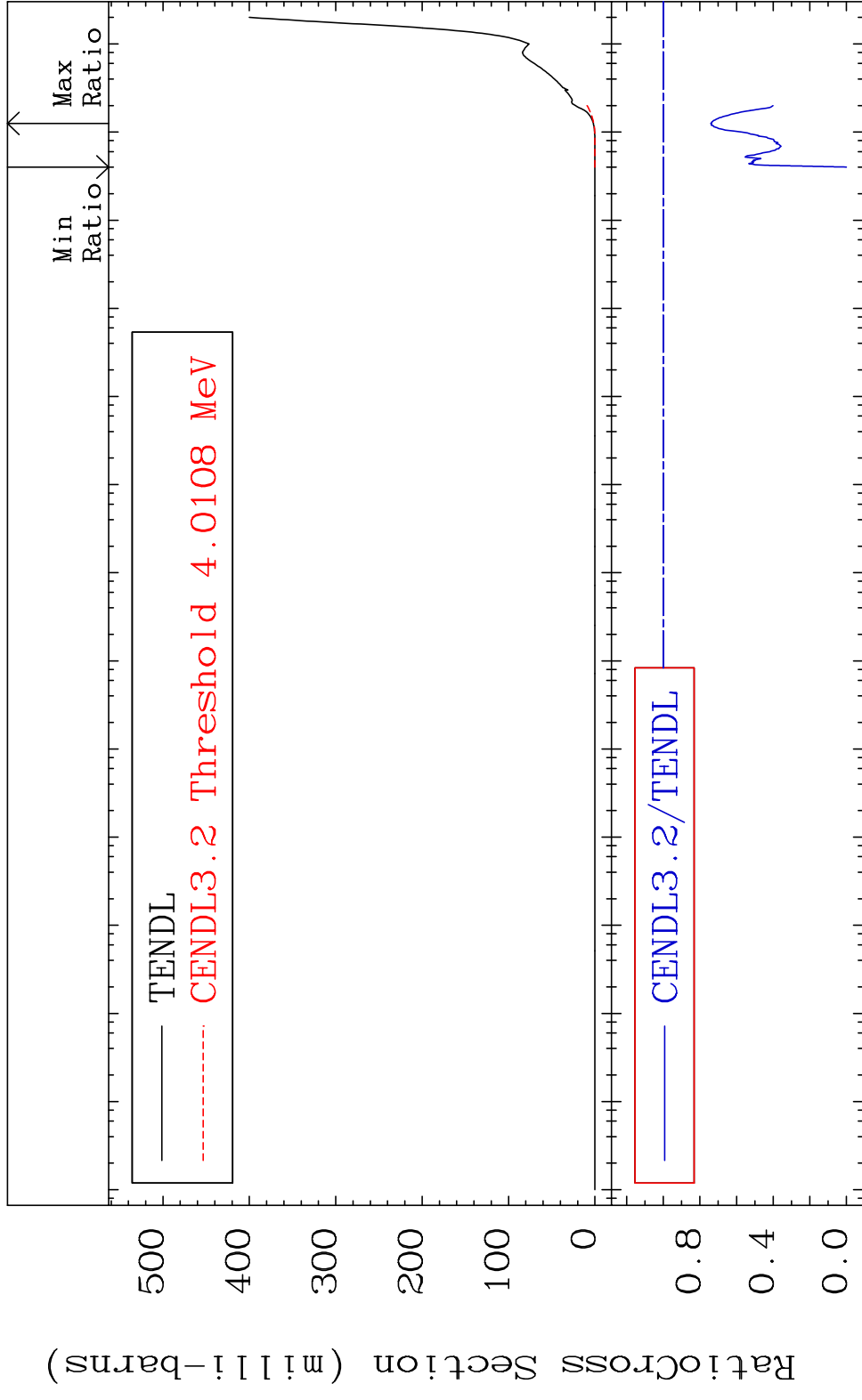
53-I -127

MAT 5325

He-4 Production

53-I -127

Cross Section -100.0 To -25.90%

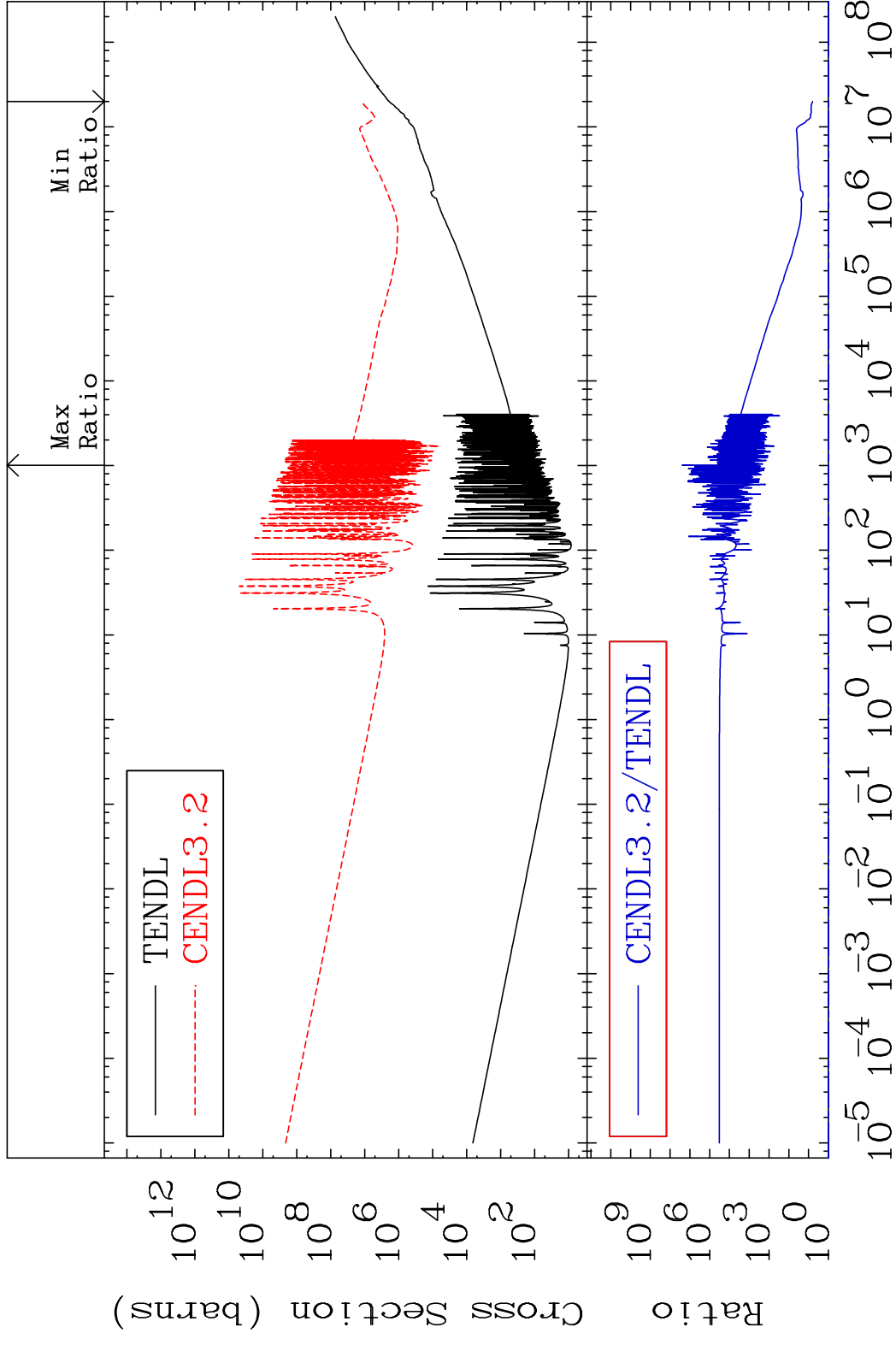


21

Incident Energy (eV)

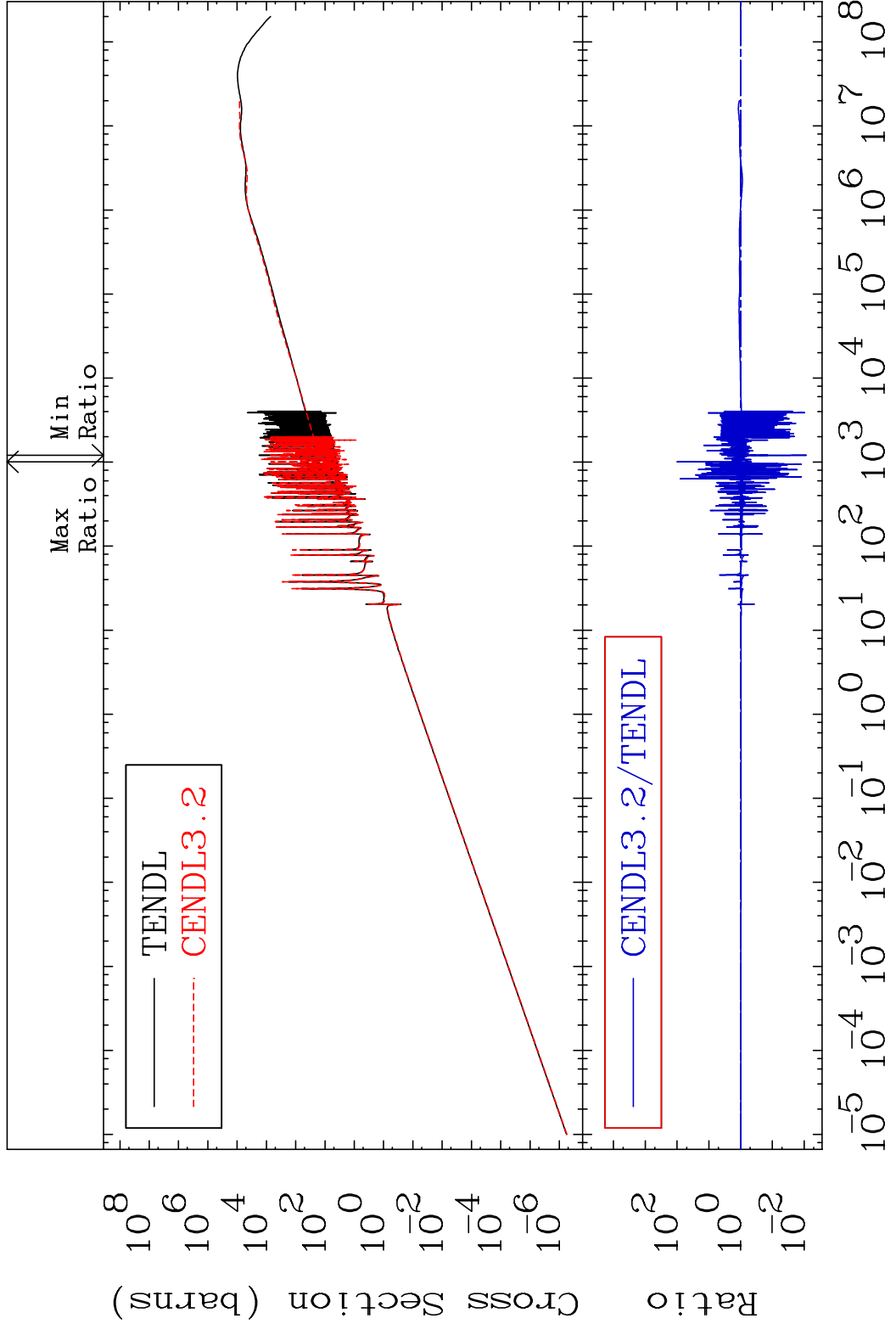
53-I -127

MAT 5325 Kerma total (eV-barns) 53-I -127  
 Cross Section 531.9 To 9999. %

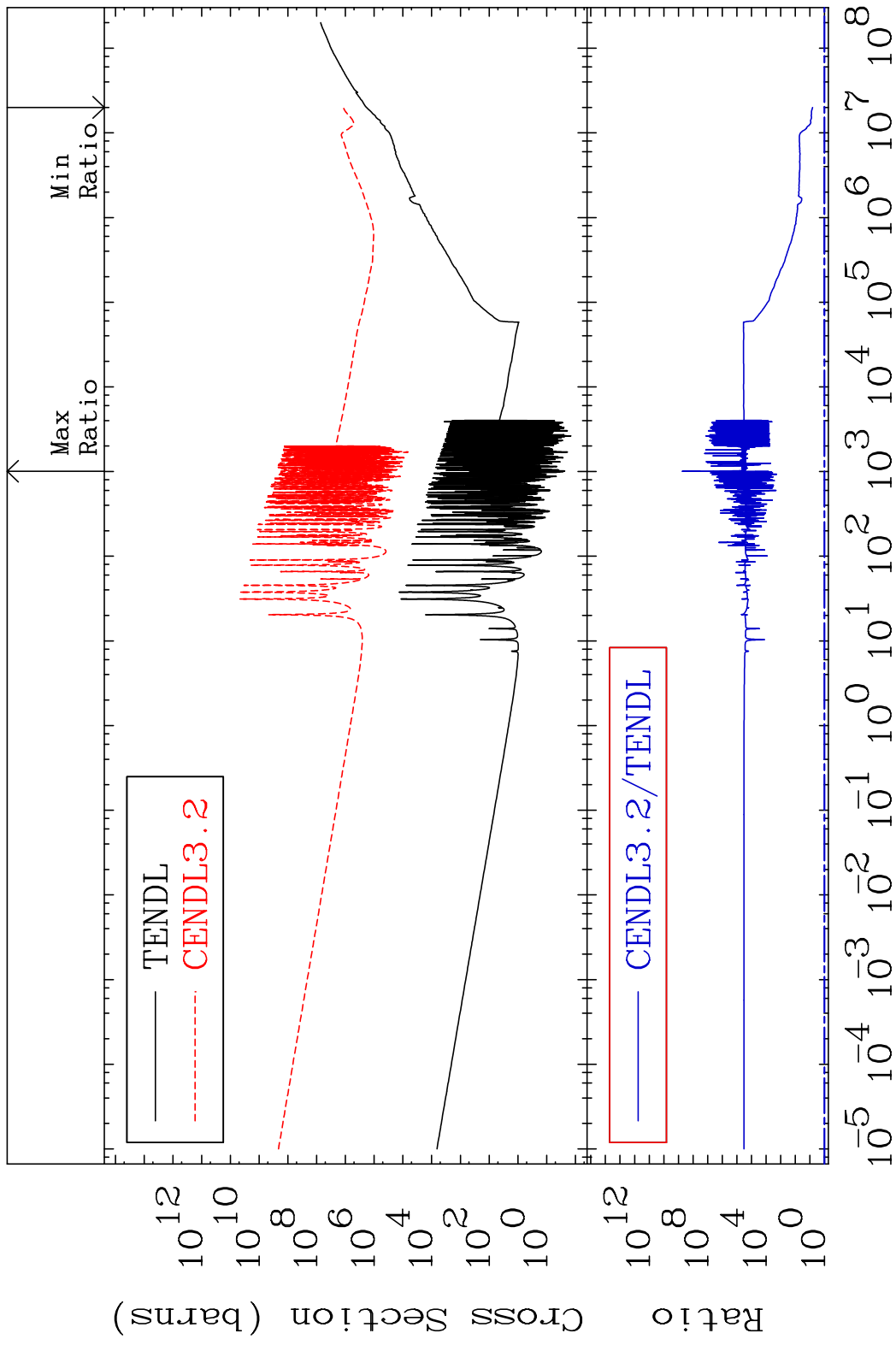


MAT 5325

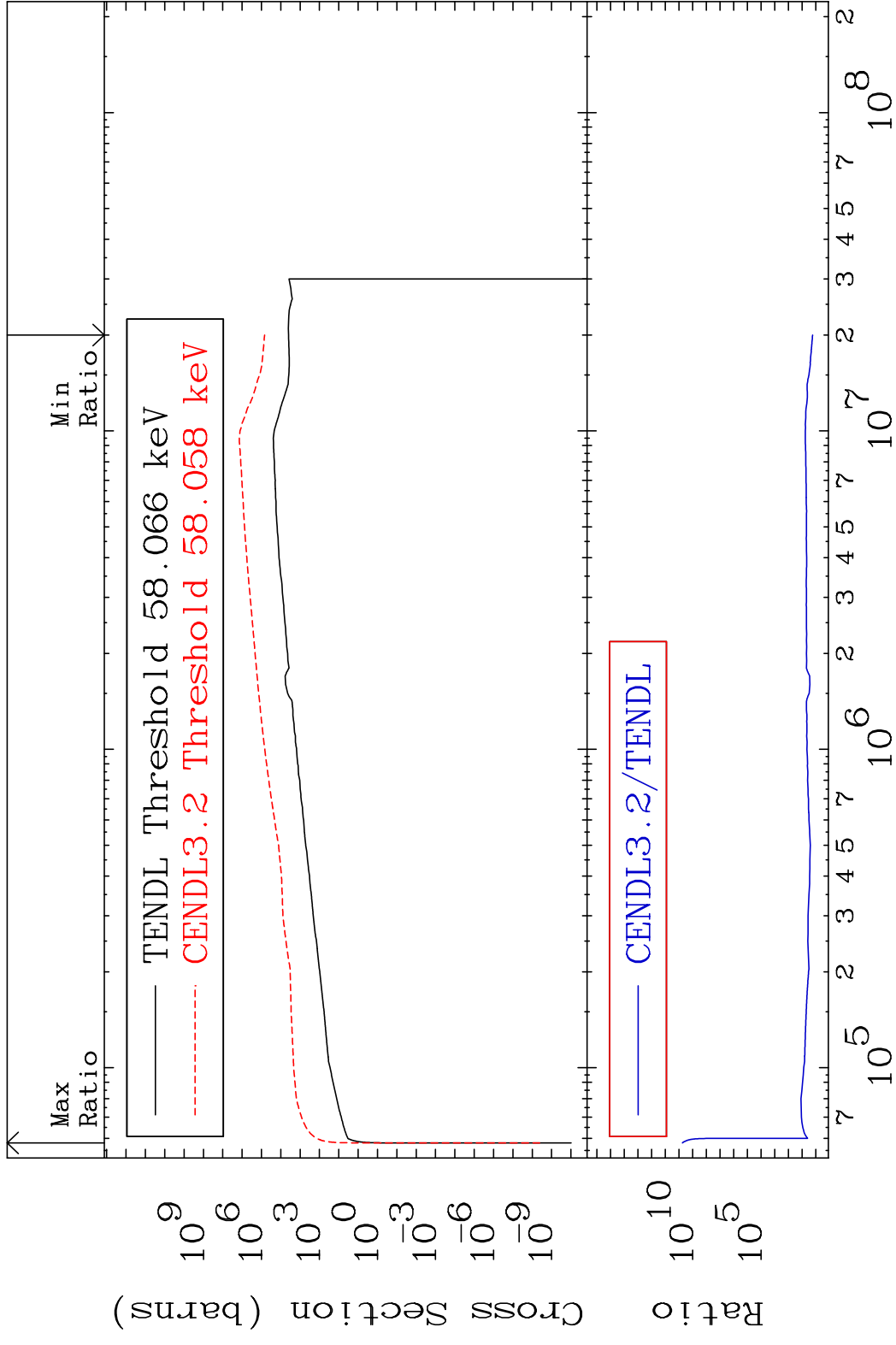
Kerma elastic 53-I -127  
Cross Section -99.15 To 9800. %



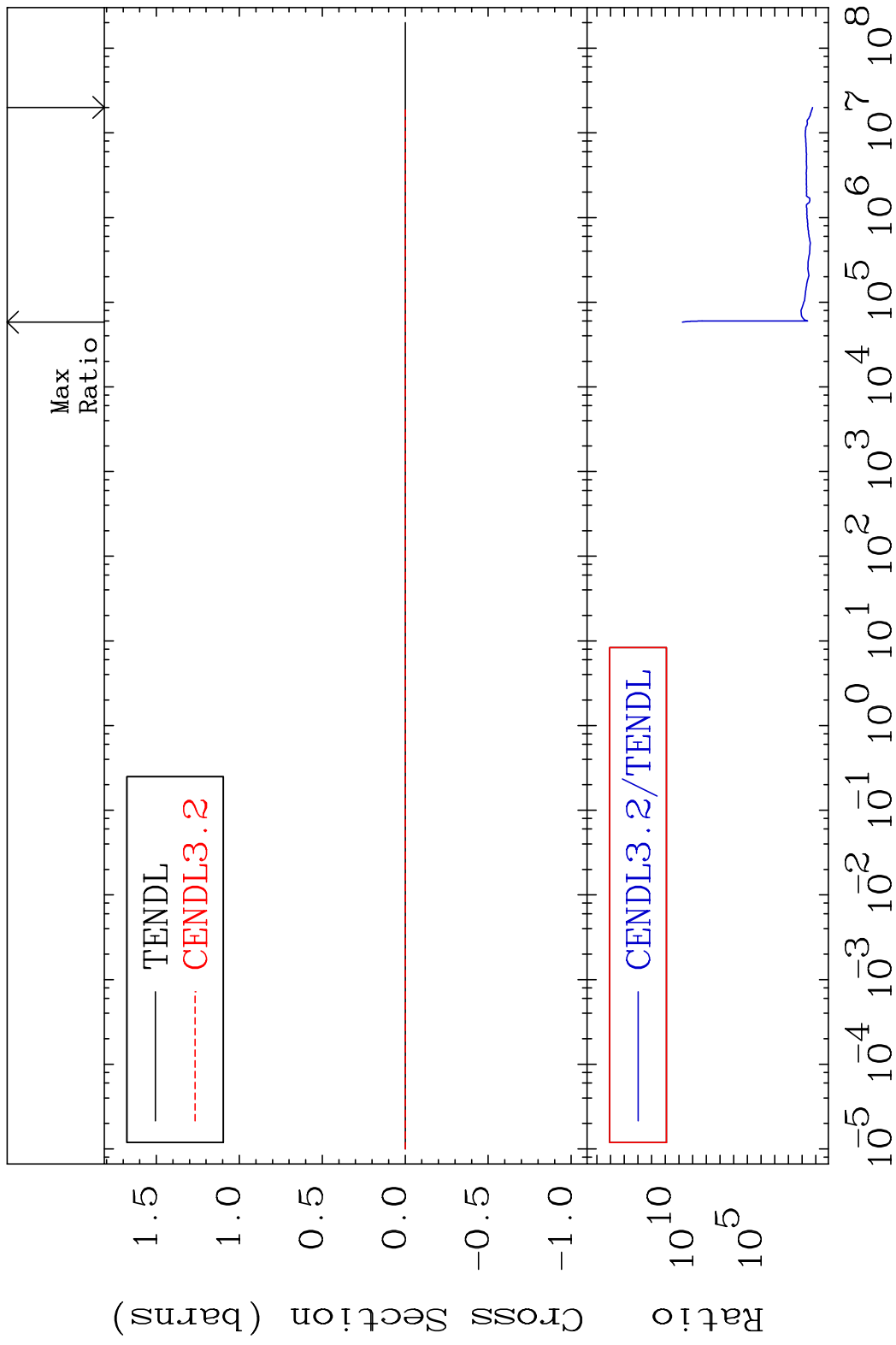
MAT 5325 Kerma non-elastic (all but mt2) 53-I -127  
 Cross Section 553.0 To 9999. %

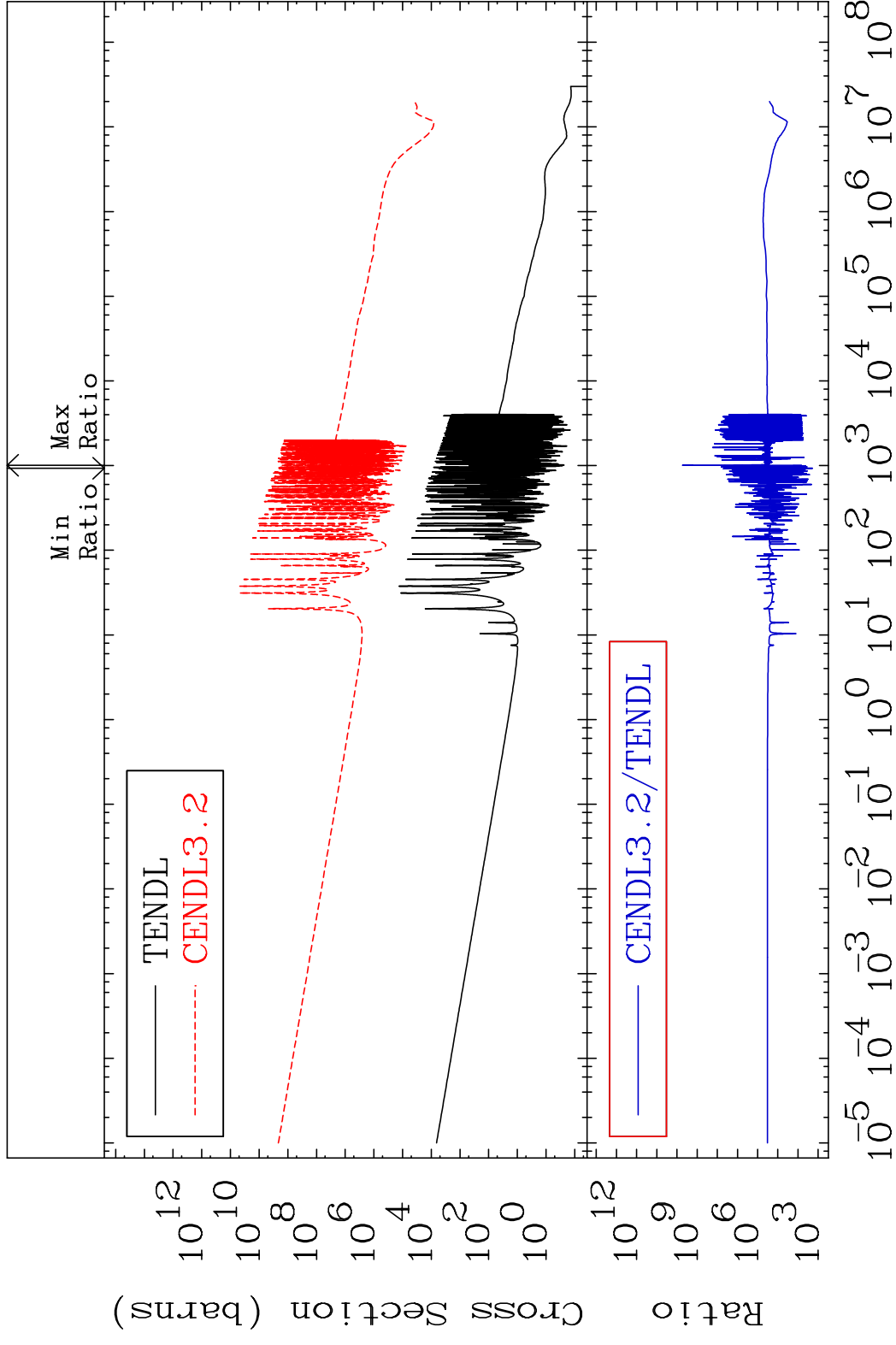


MAT 5325 Kerma inelastic (mt51-91) 53-I -127  
 Cross Section 1632. To 9999. %

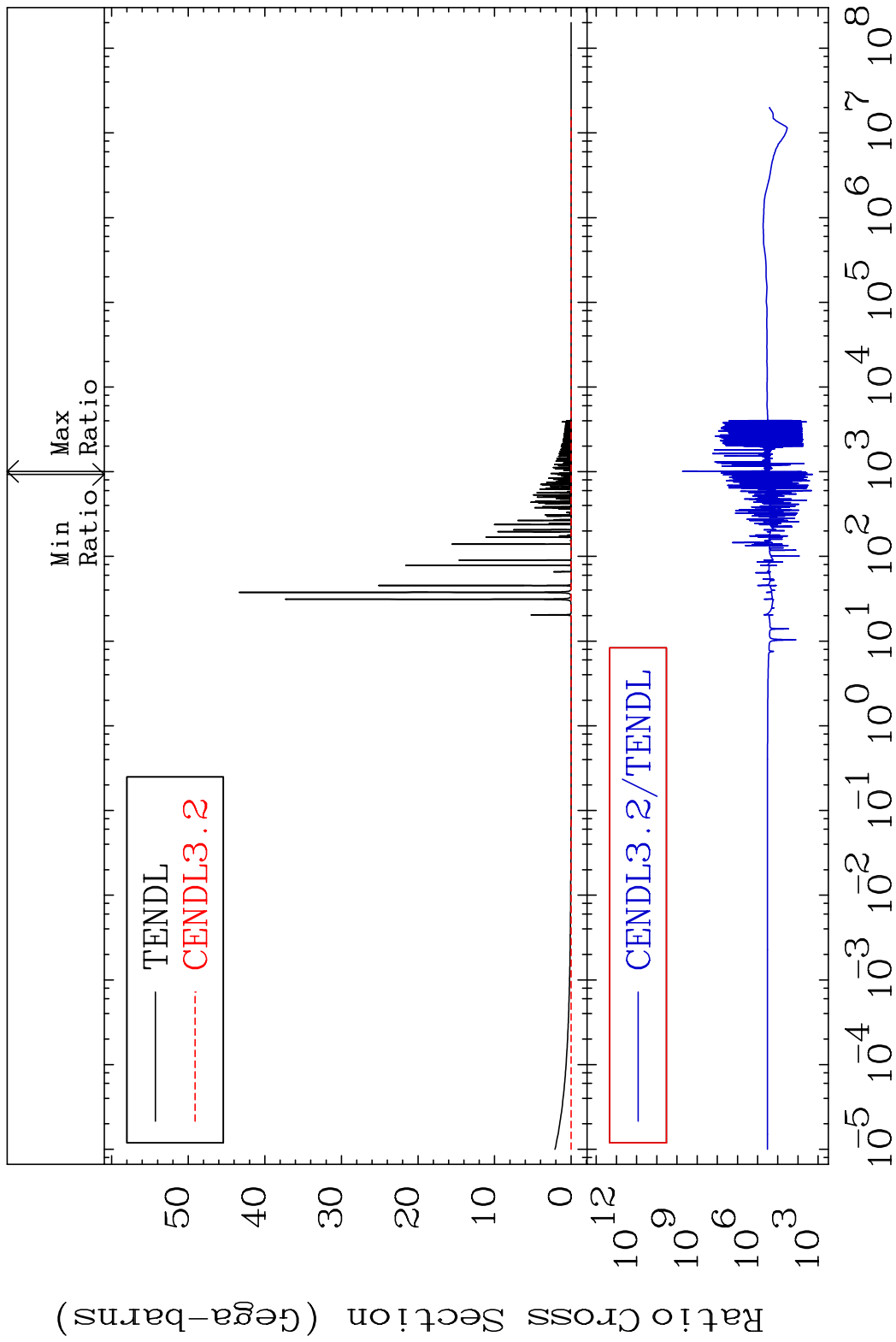


MAT 5325 Kerma fission (mt18 or mt19-20-21-38)53-I -127  
 Cross Section 1632. To 9999. %



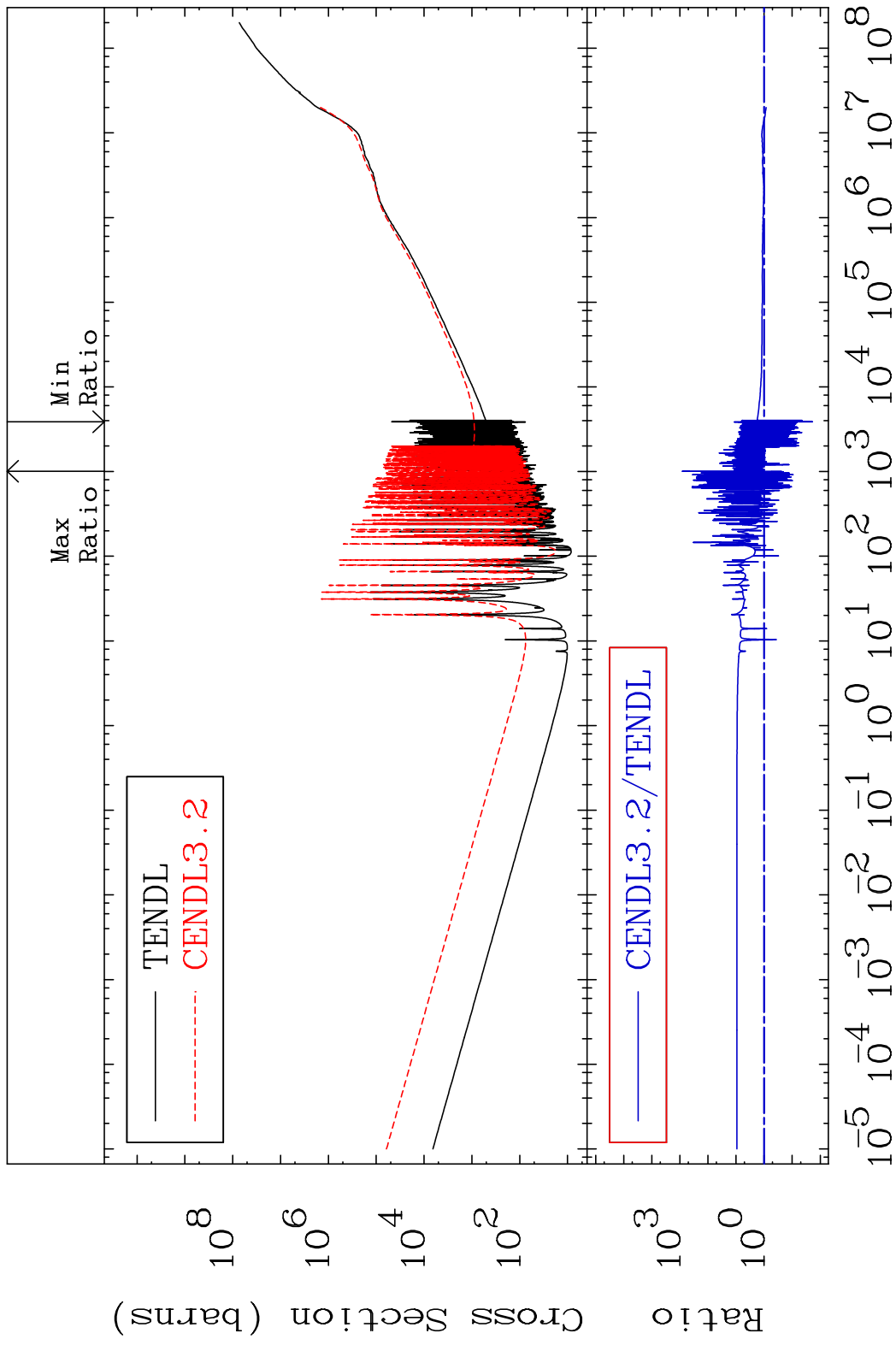


MAT 5325 Total photon (eV-barns) 53-I -127  
 Cross Section 9999. To 9999. %

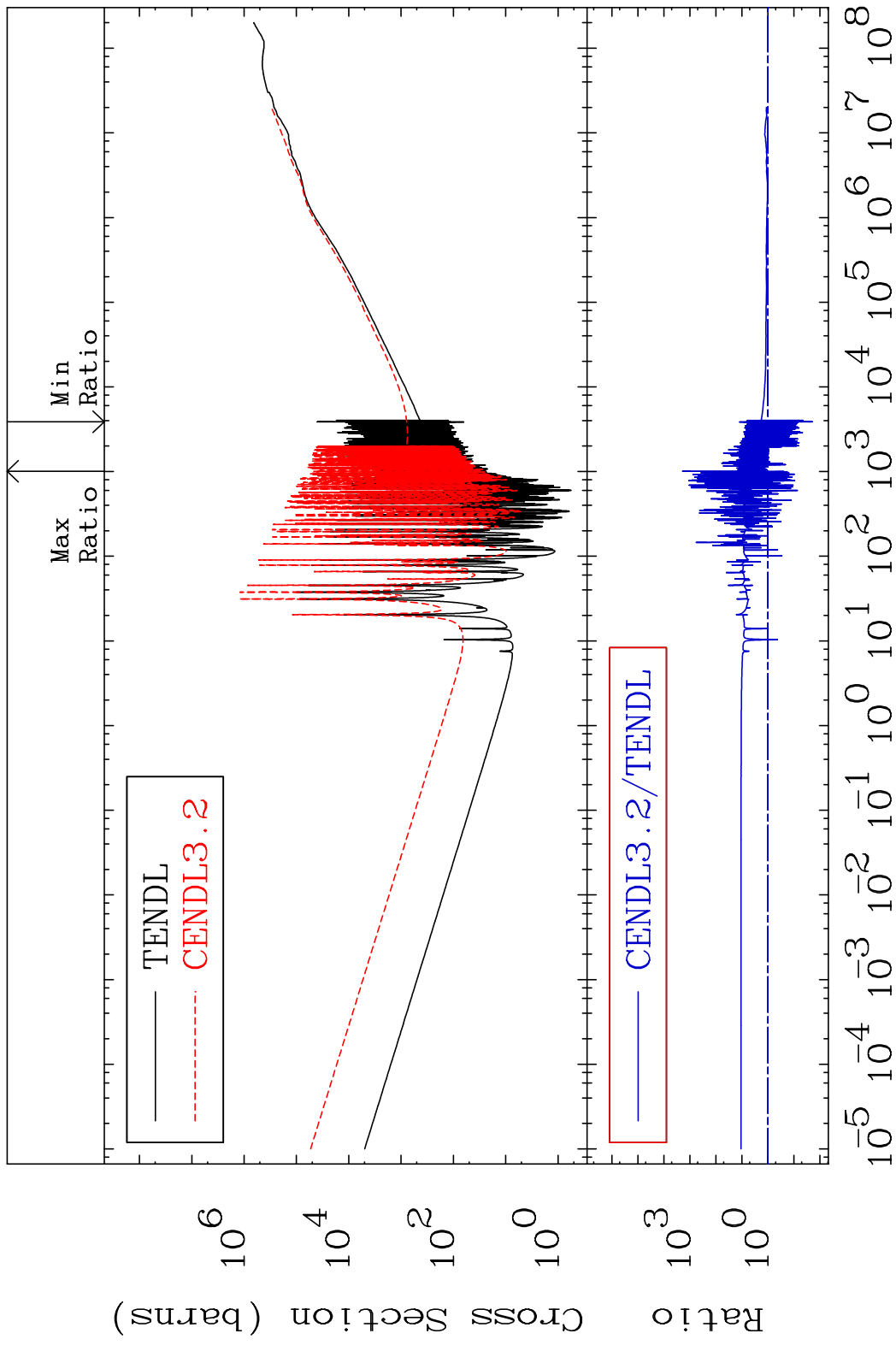


28 Incident Energy (eV) 53-I -127

MAT 5325 Total kinematic kerma (high limit) 53-I -127  
 Cross Section -98.12 To 9999. %



MAT 5325      Dpa total (eV-barns)      53-I -127  
Cross Section      -98.07 To 9999. %



30      Incident Energy (eV)      53-I -127

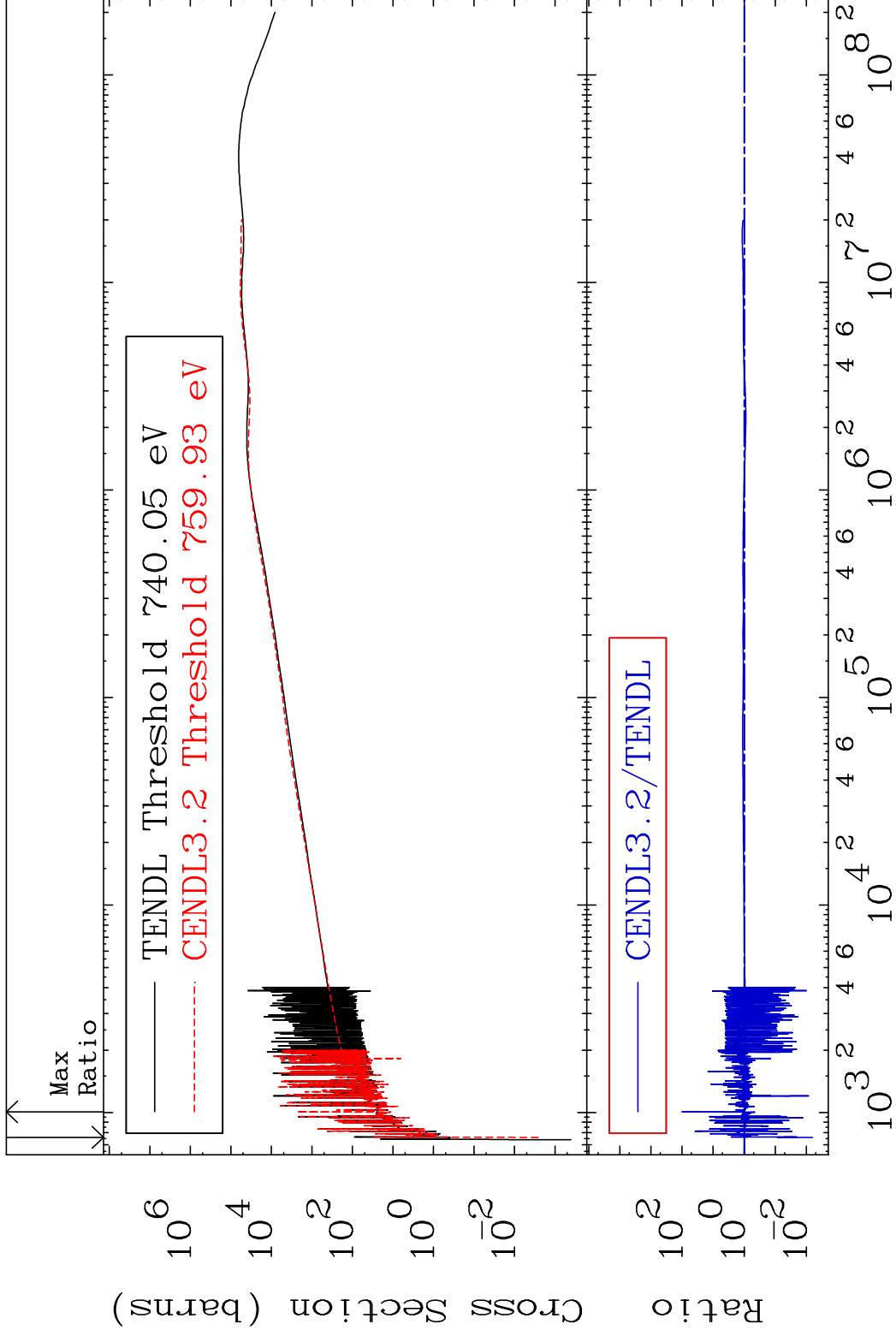
MAT 5325

Dpa elastic (mt2)

53-I -127

Cross Section

-99.37 To 9818. %

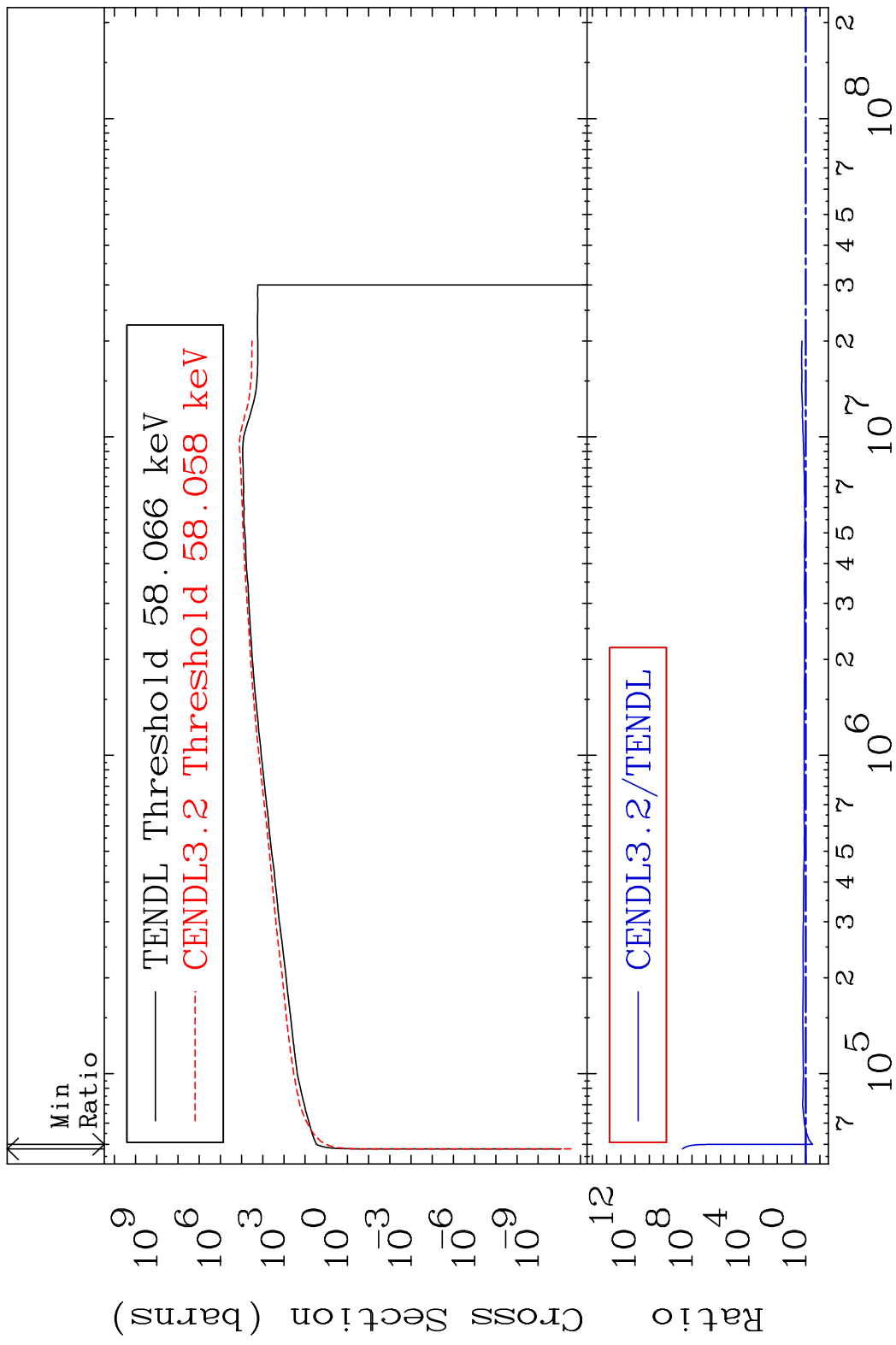


31

Incident Energy (eV)

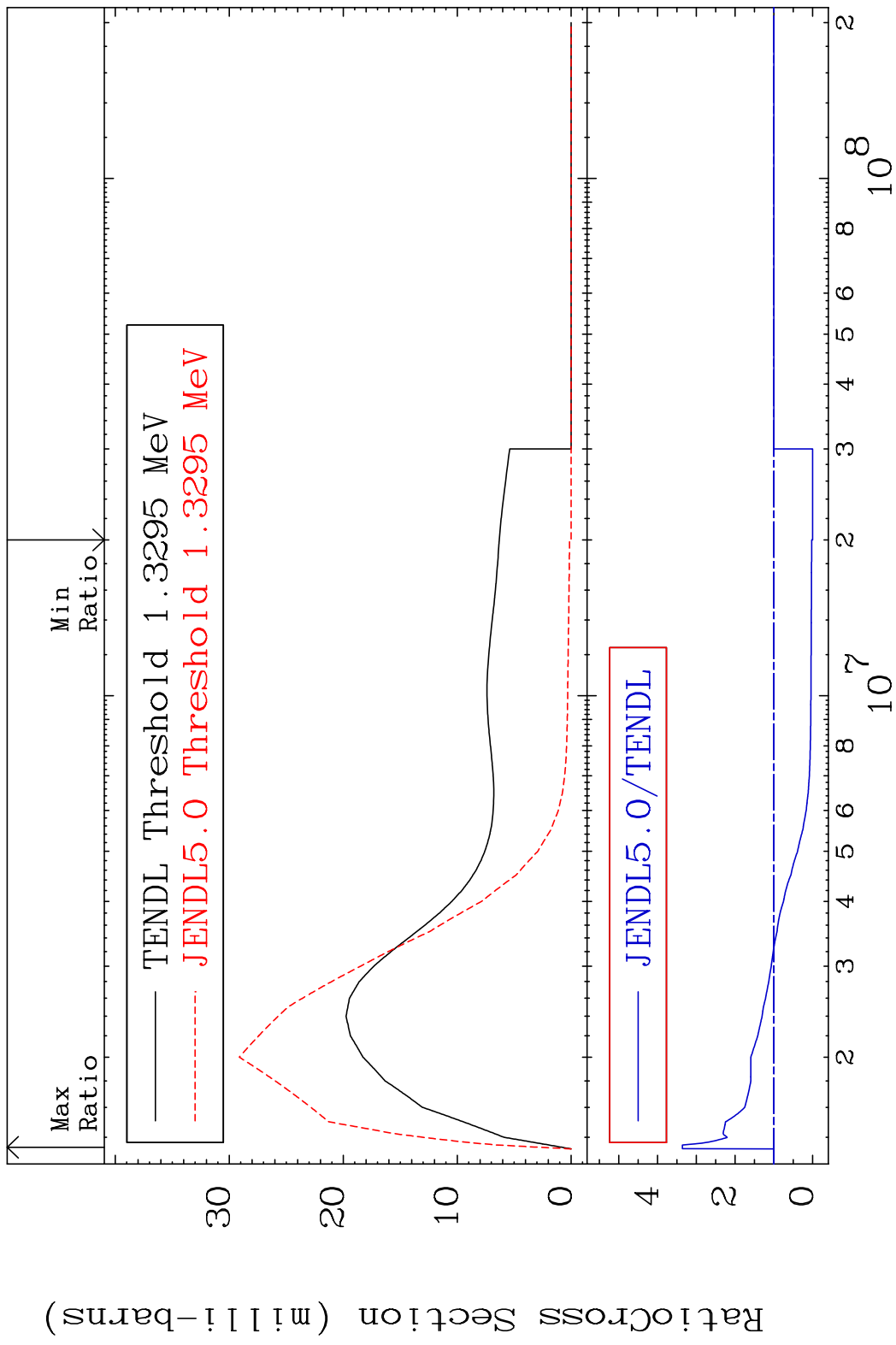
53-I -127

MAT 5325      Dpa inelastic (mt51-91)      53-I -127  
 Cross Section      -66.76 To 9999. %

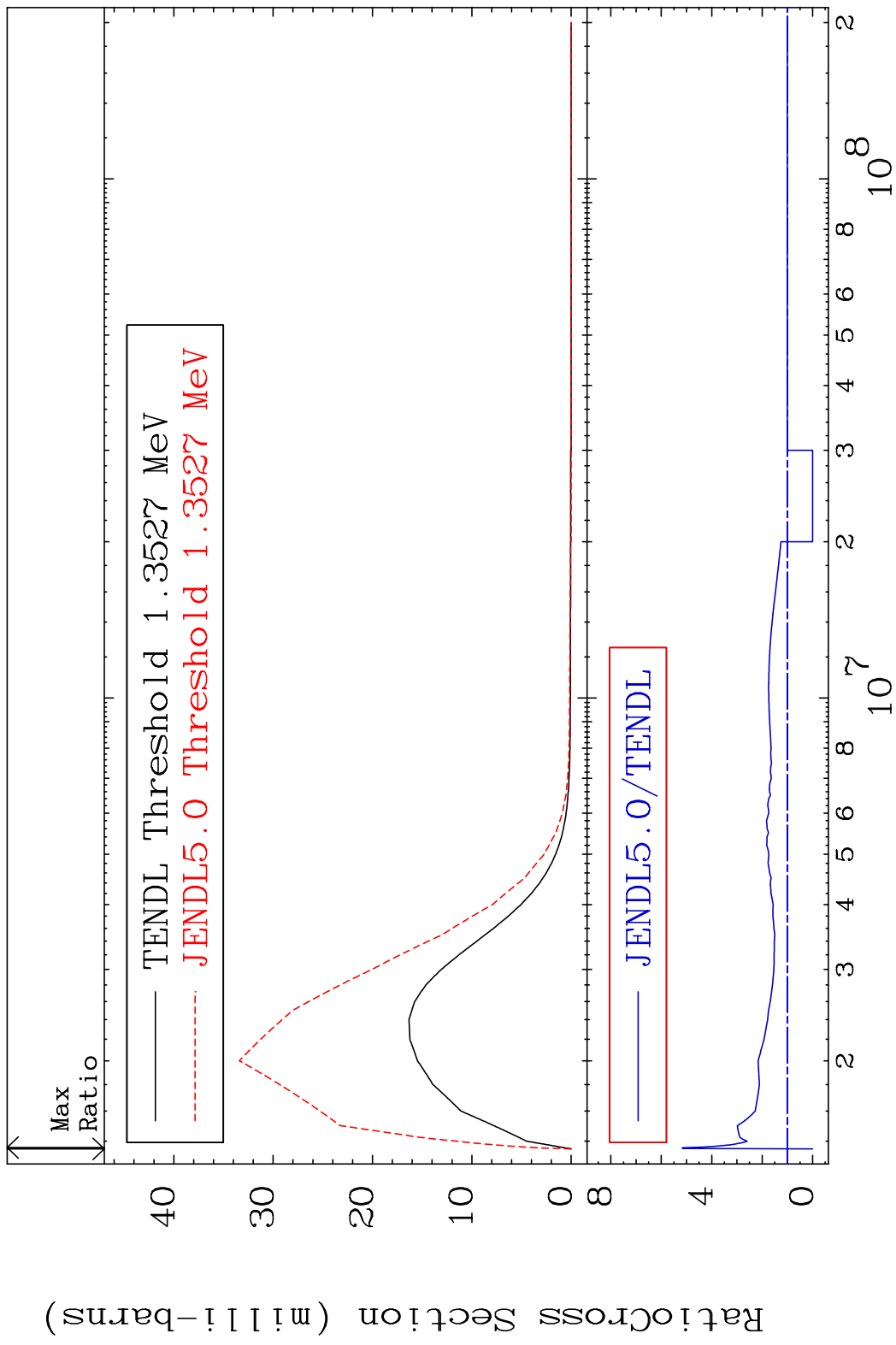




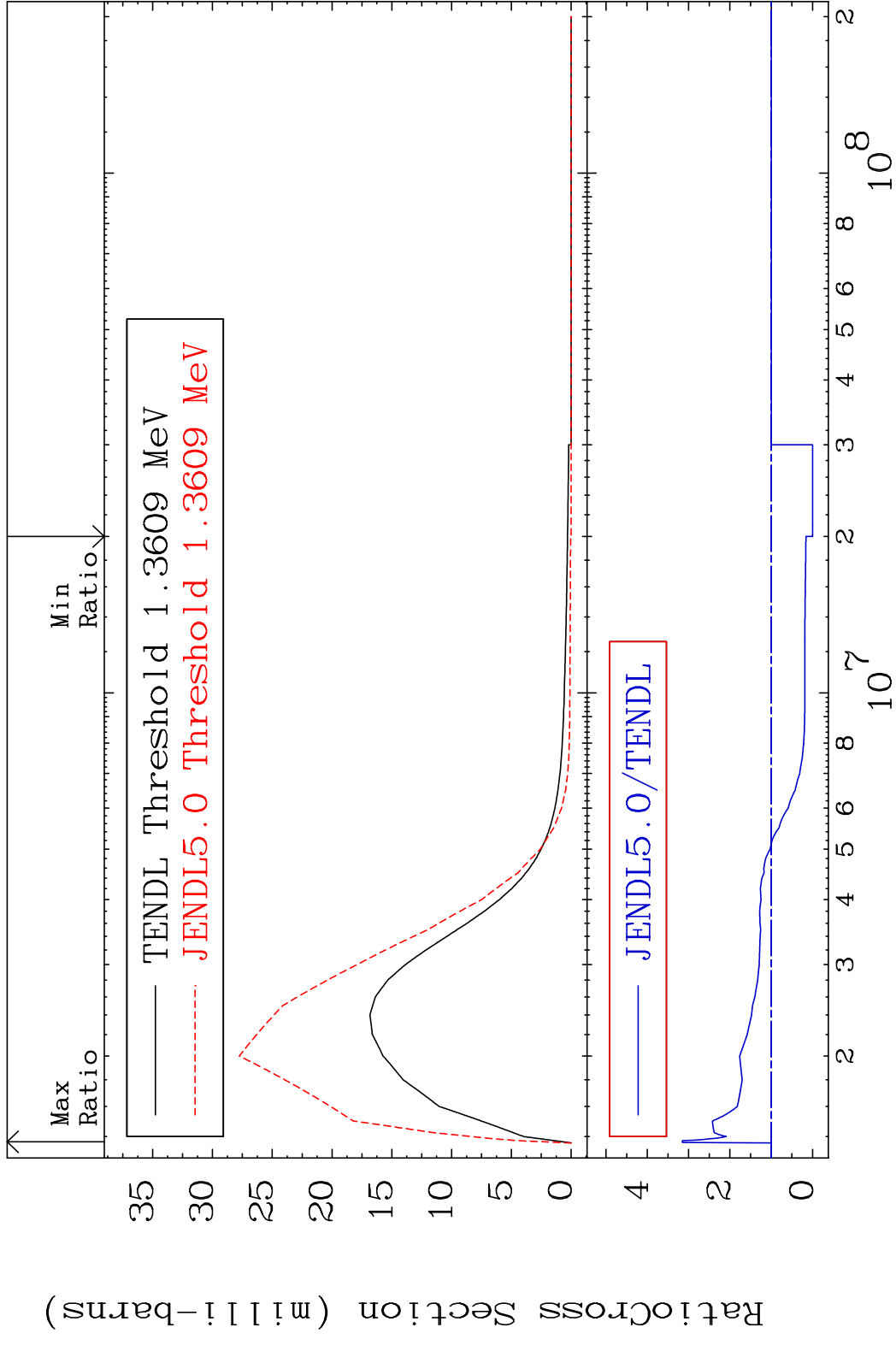
MAT 5325 MT= 74 (n, n') Level 53-I -127  
 Cross Section -100.0 To 236.0 %



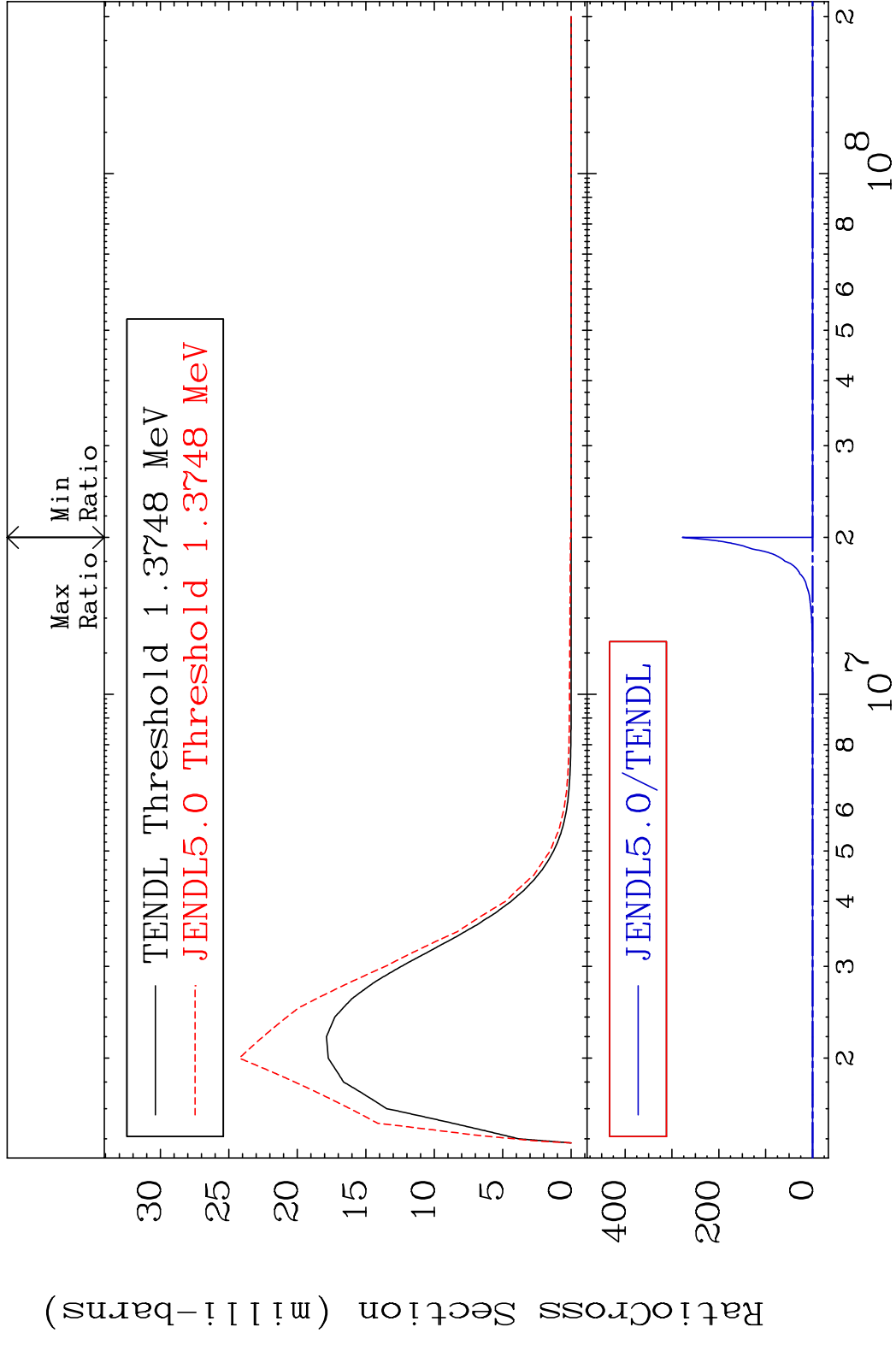
MAT 5325      MT= 75 (n,n') Level      53-I -127  
 Cross Section    -100.0 To 416.4 %



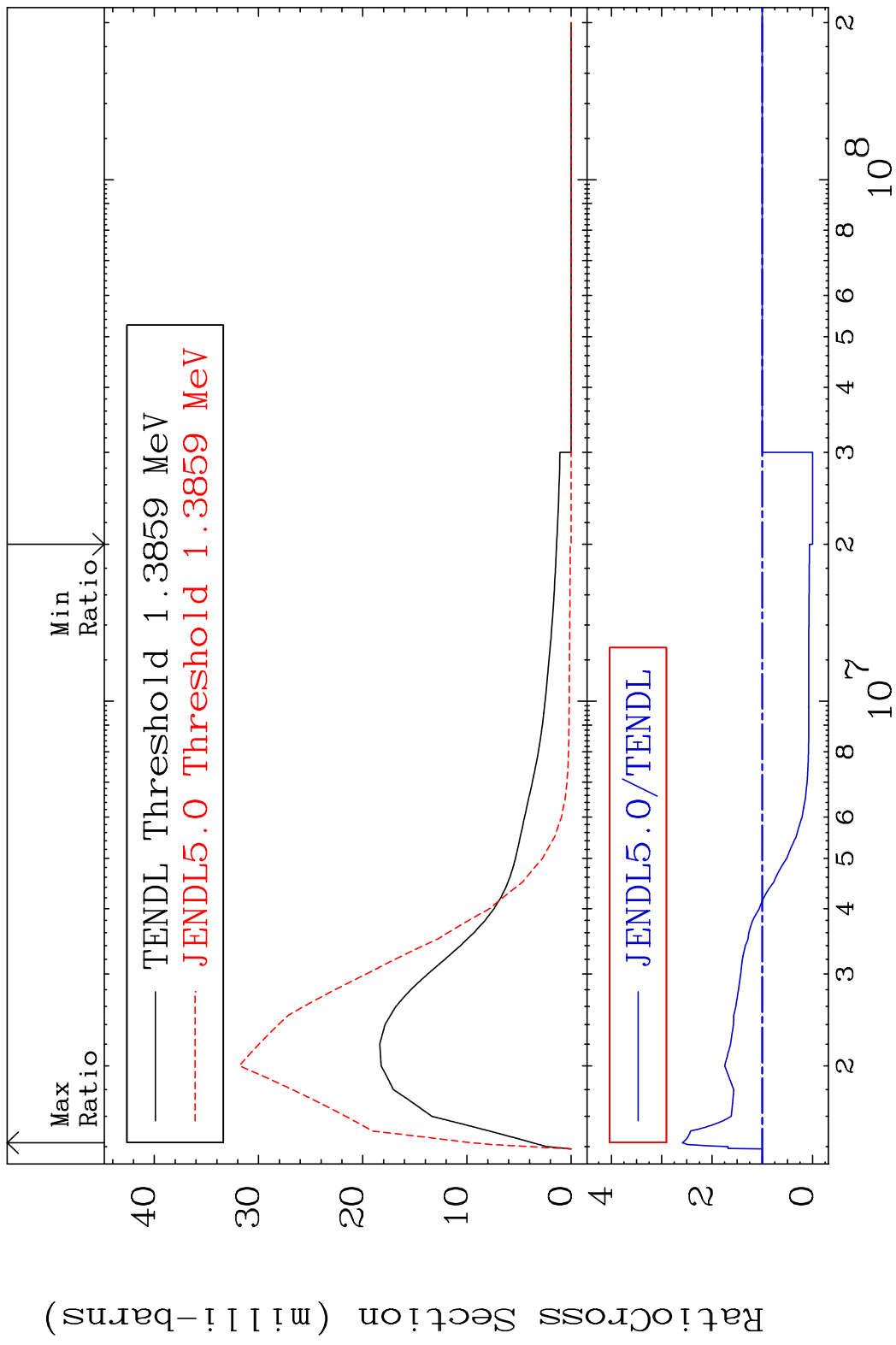
MAT 5325 MT= 76 (n, n') Level 53-I -127  
 Cross Section -100.0 To 215.2 %



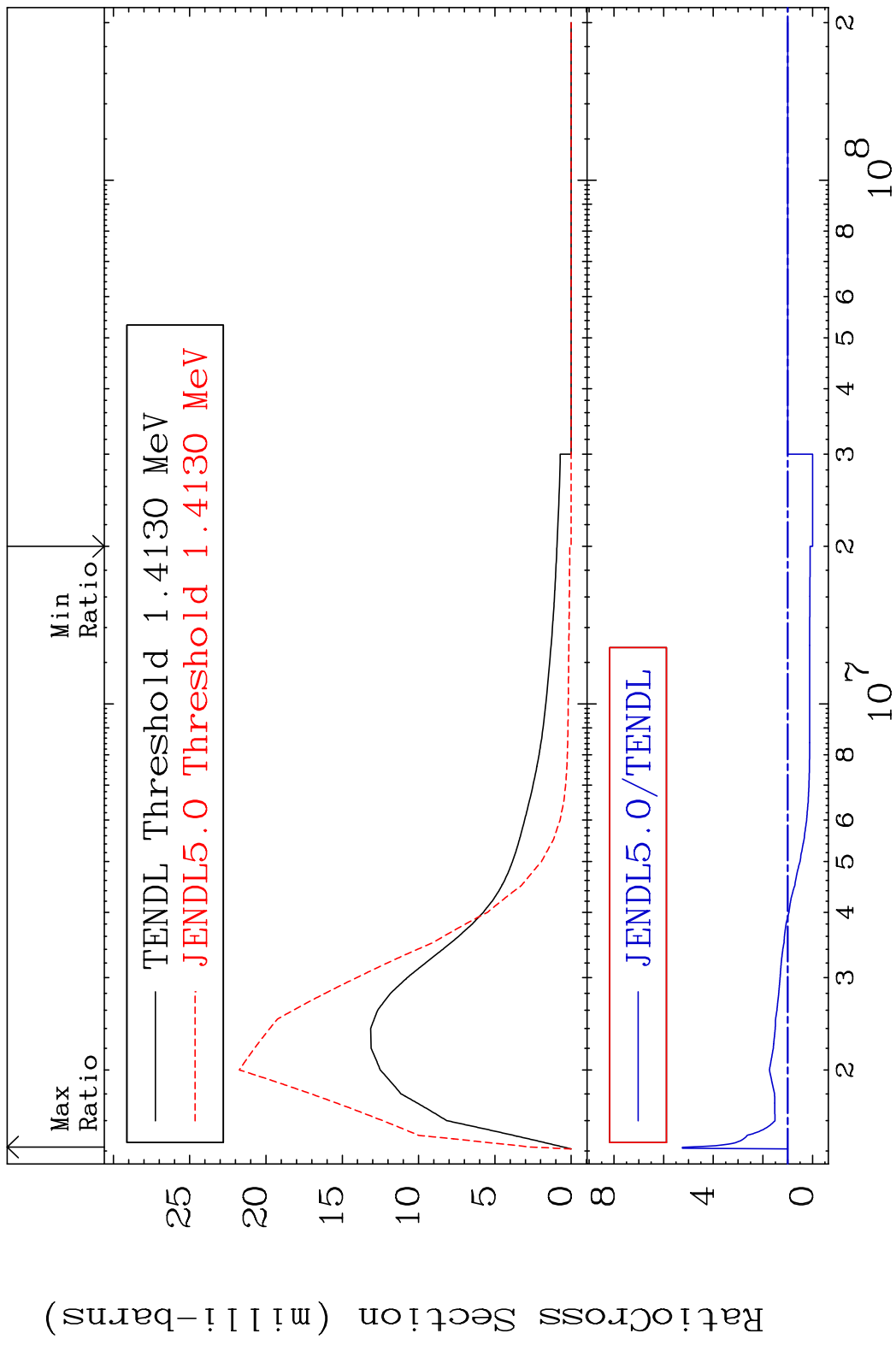
MAT 5325 MT= 77 (n,n') Level 53-I -127  
 Cross Section -100.0 To 9999. %



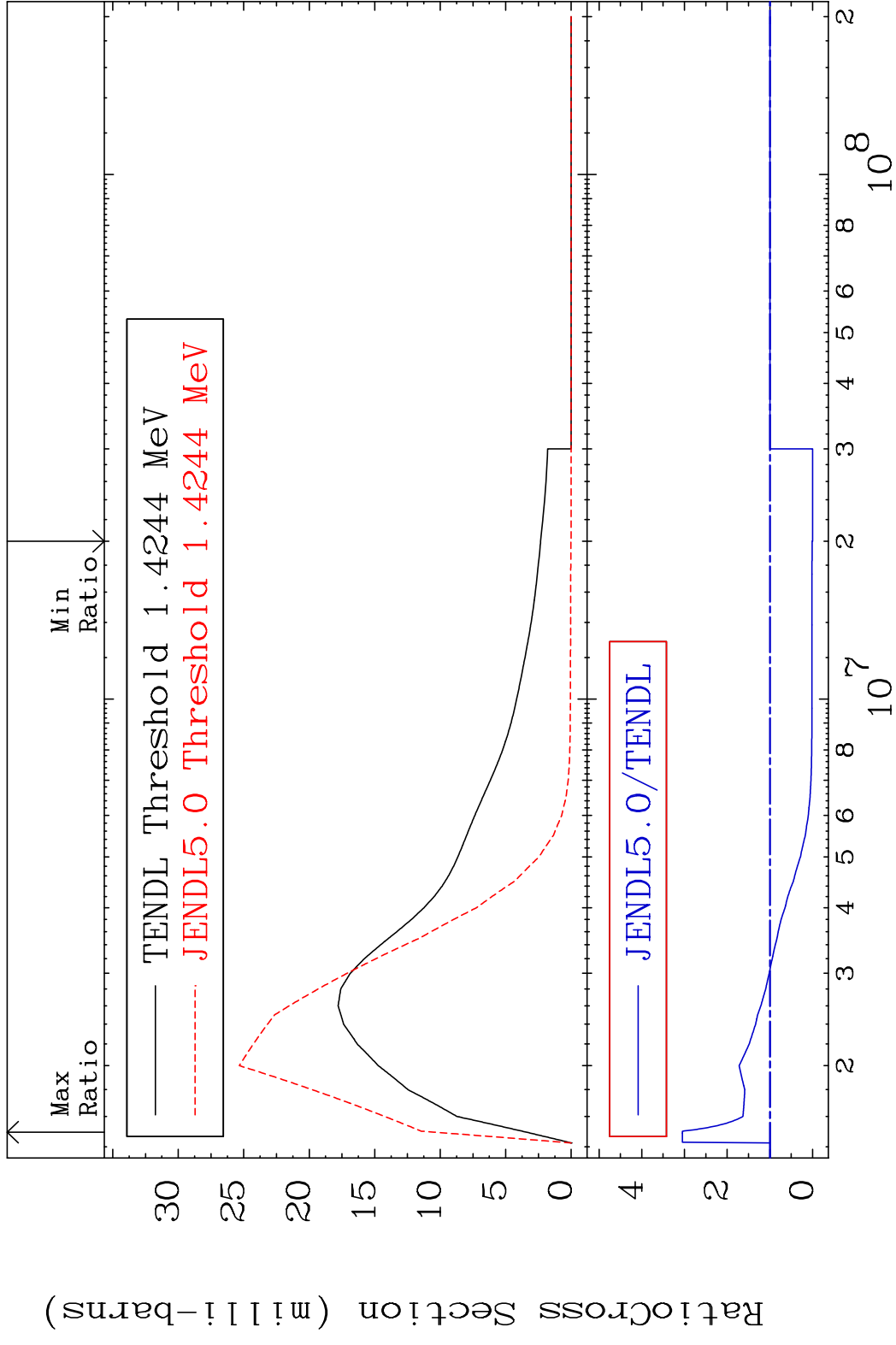
MAT 5325 MT= 78 (n, n') Level 53-I -127  
 Cross Section -100.0 To 158.9 %



MAT 5325 MT= 79 (n, n') Level 53-I -127  
 Cross Section -100.0 To 424.6 %

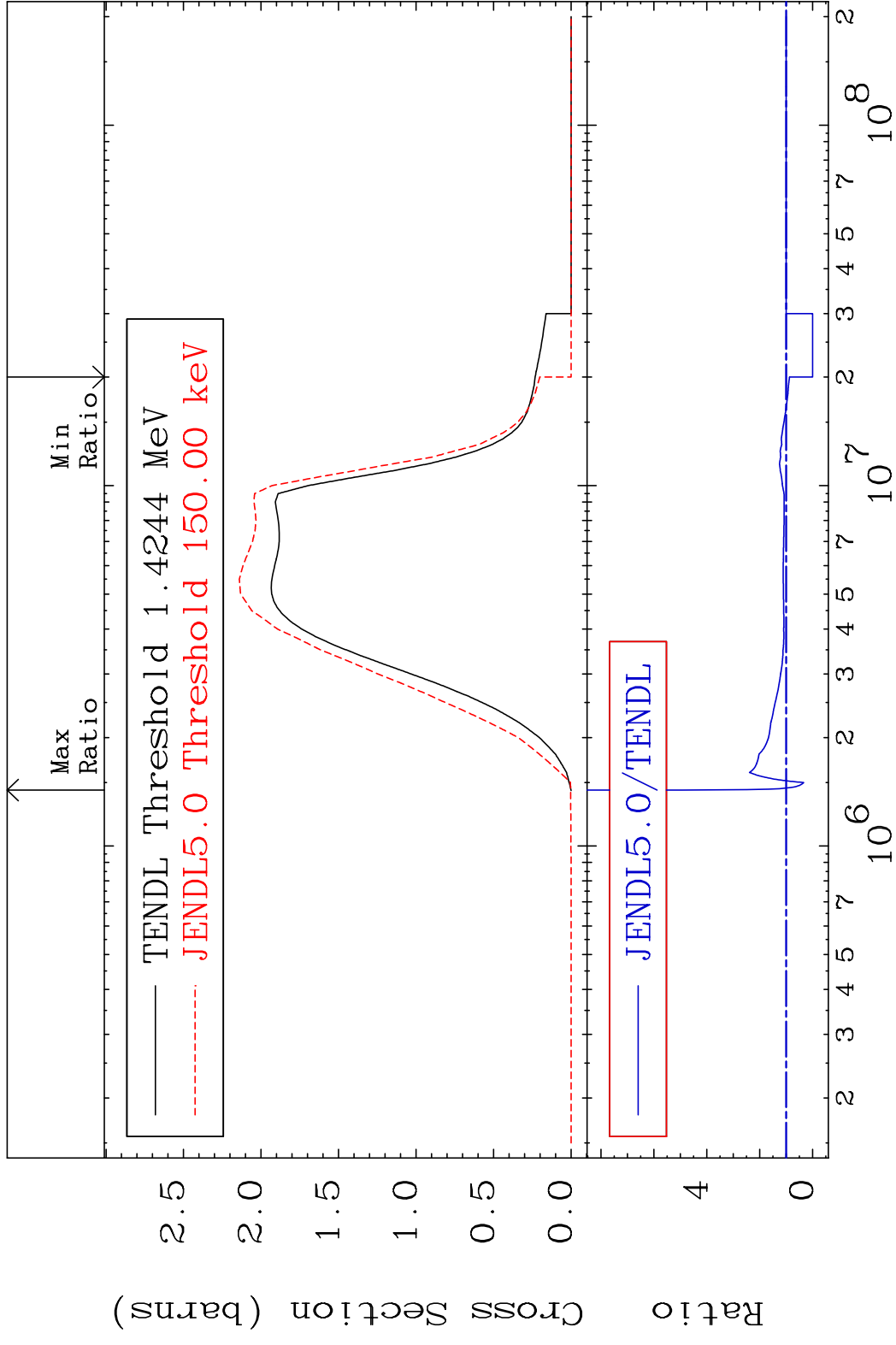


MAT 5325 MT= 80 (n, n') Level 53-I -127  
 Cross Section -100.0 To 204.9 %



40 Incident Energy (eV) 53-I -127

MAT 5325 (n, n') Continuum 53-I -127  
 Cross Section -100.0 To 392.1 %

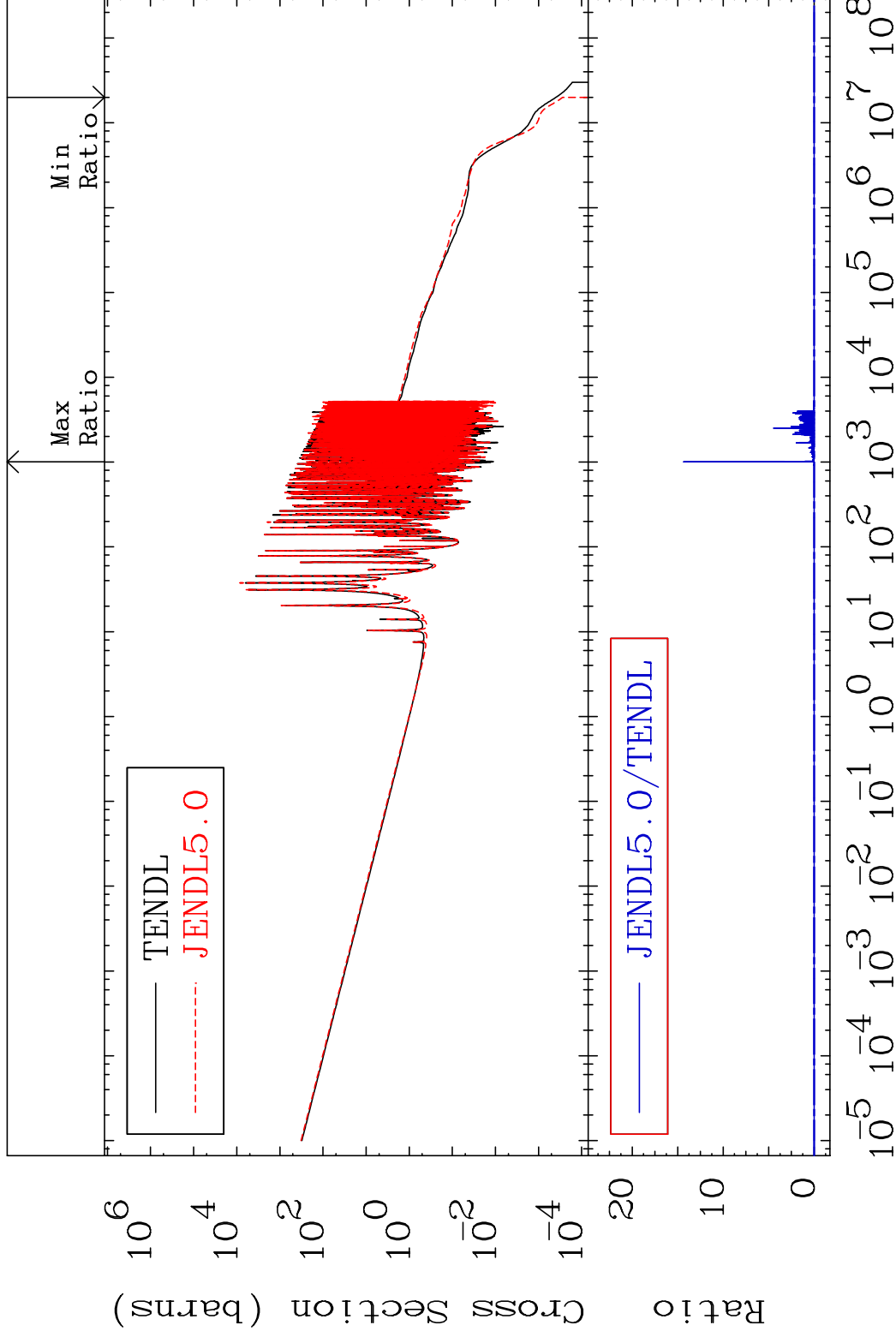


MAT 5325

(n,  $\gamma$ )

53-I -127

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

53-I -127

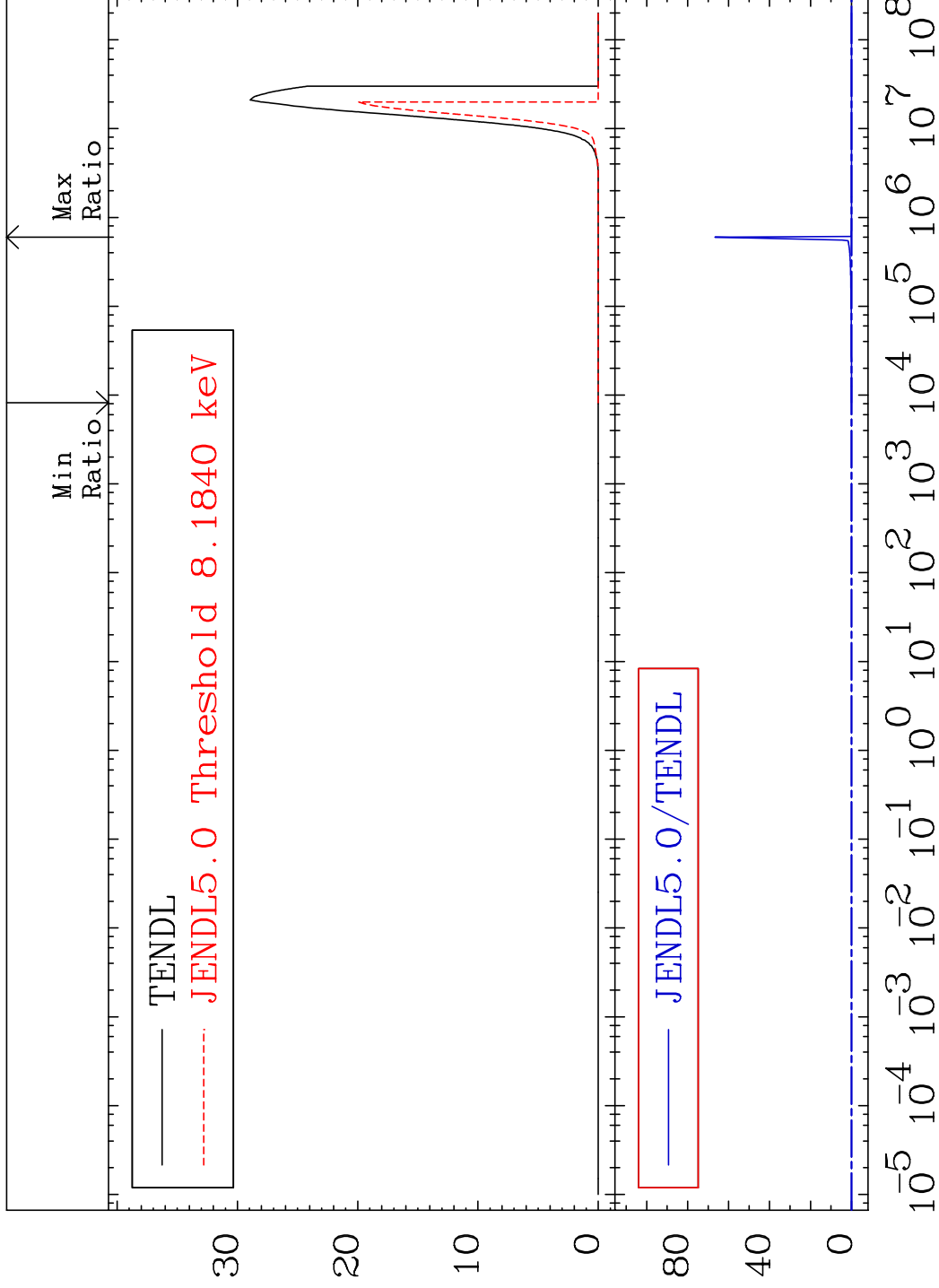
MAT 5325

(n, p)

53-I -127

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)

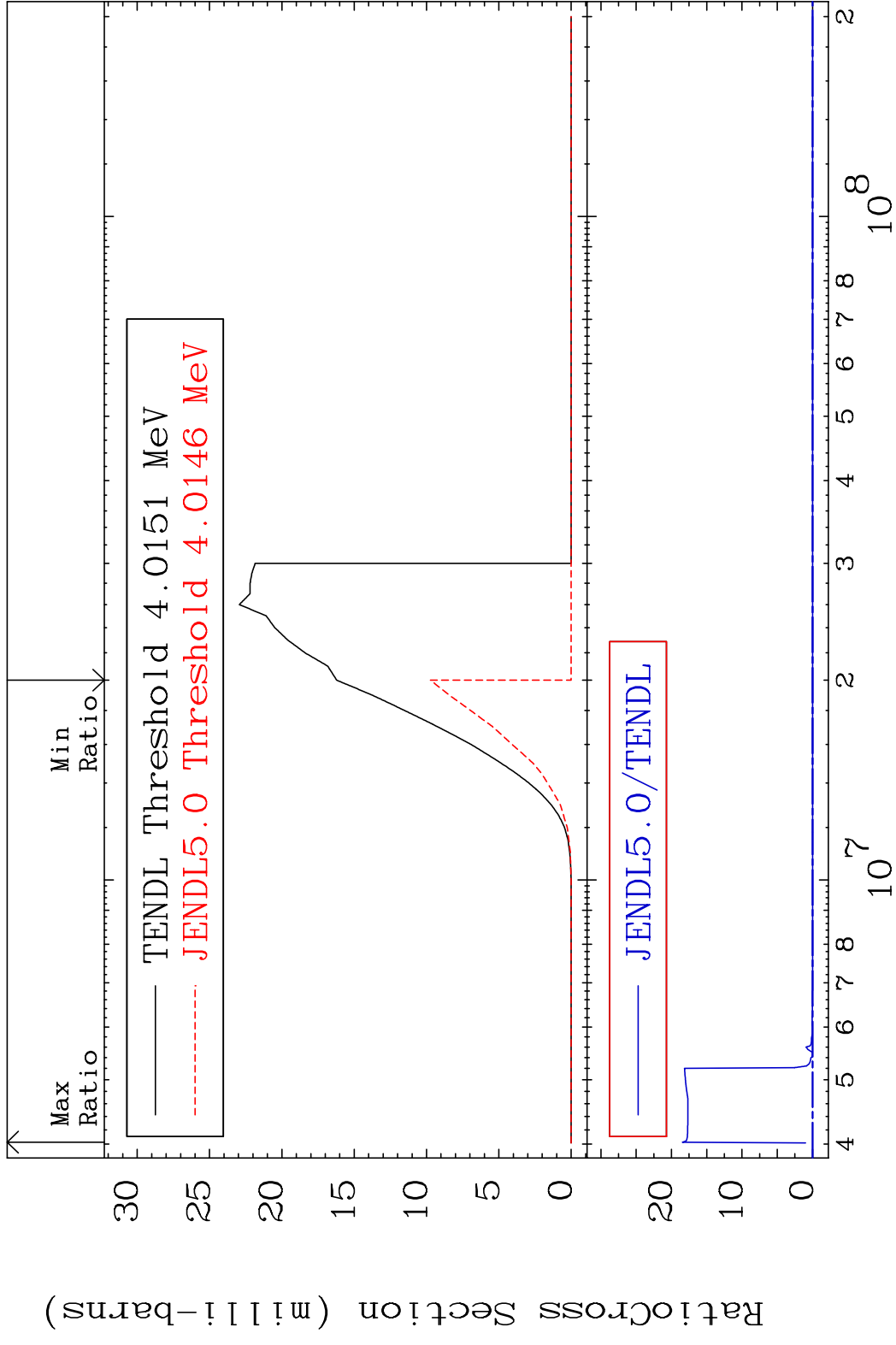


43

Incident Energy (eV)

53-I -127

MAT 5325 (n,d) 53-I -127  
 Cross Section -100.0 To 9999. %



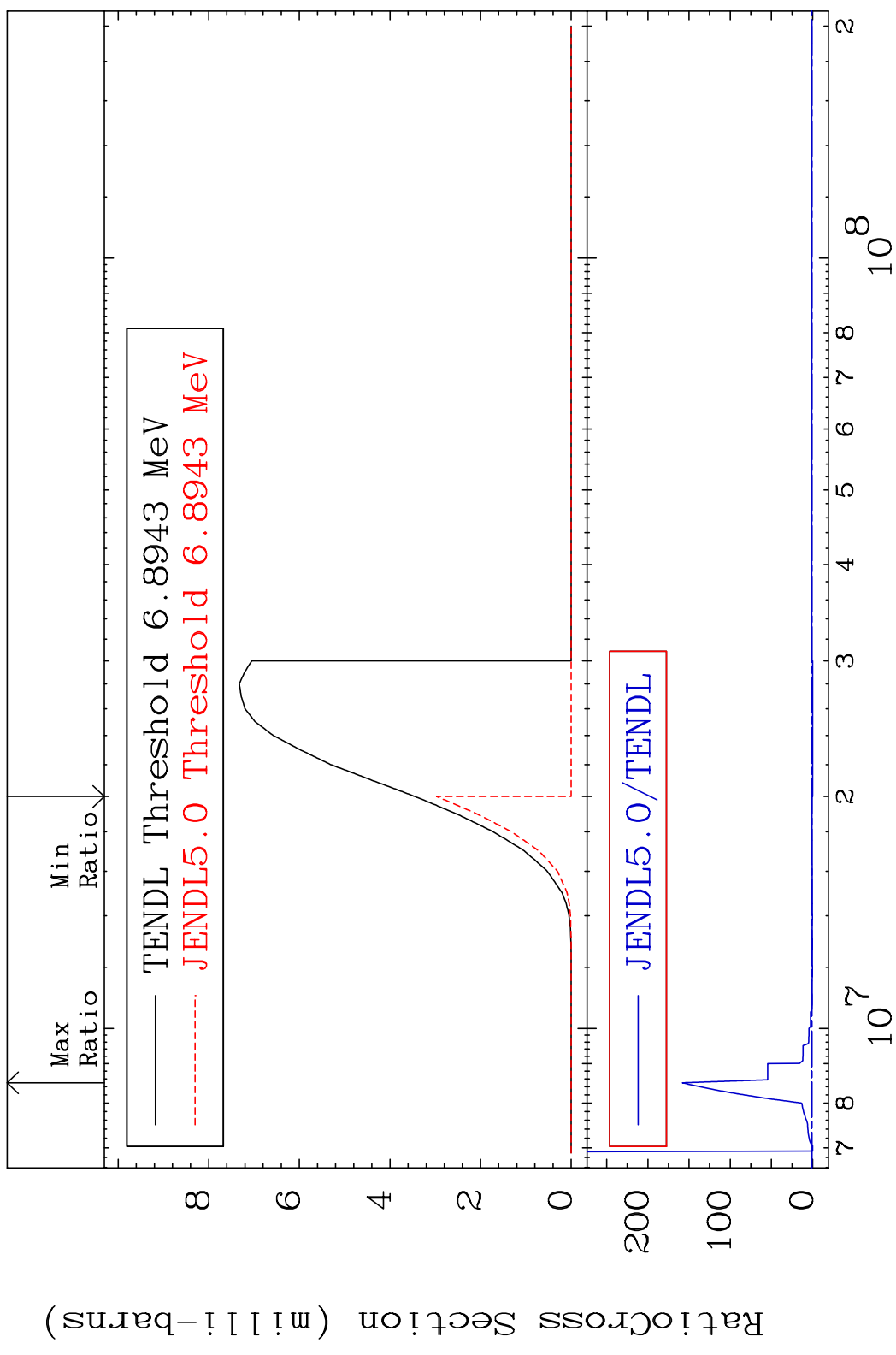
44 Incident Energy (eV) 53-I -127

MAT 5325

(n, t)

53-I -127

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

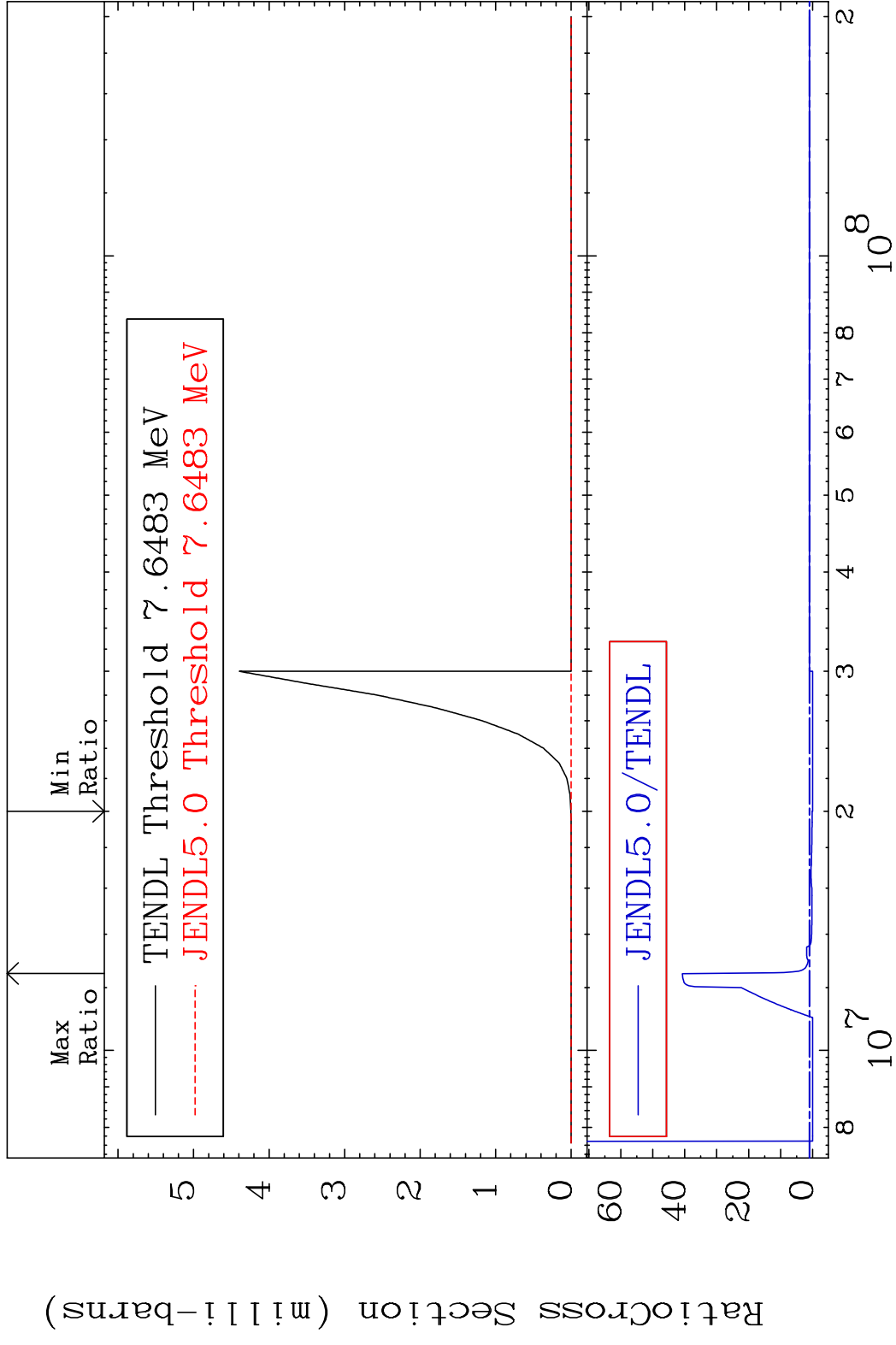
53-I -127

MAT 5325

(n, He-3)

53-I -127

Cross Section -100.0 To 3975. %



46

Incident Energy (eV)

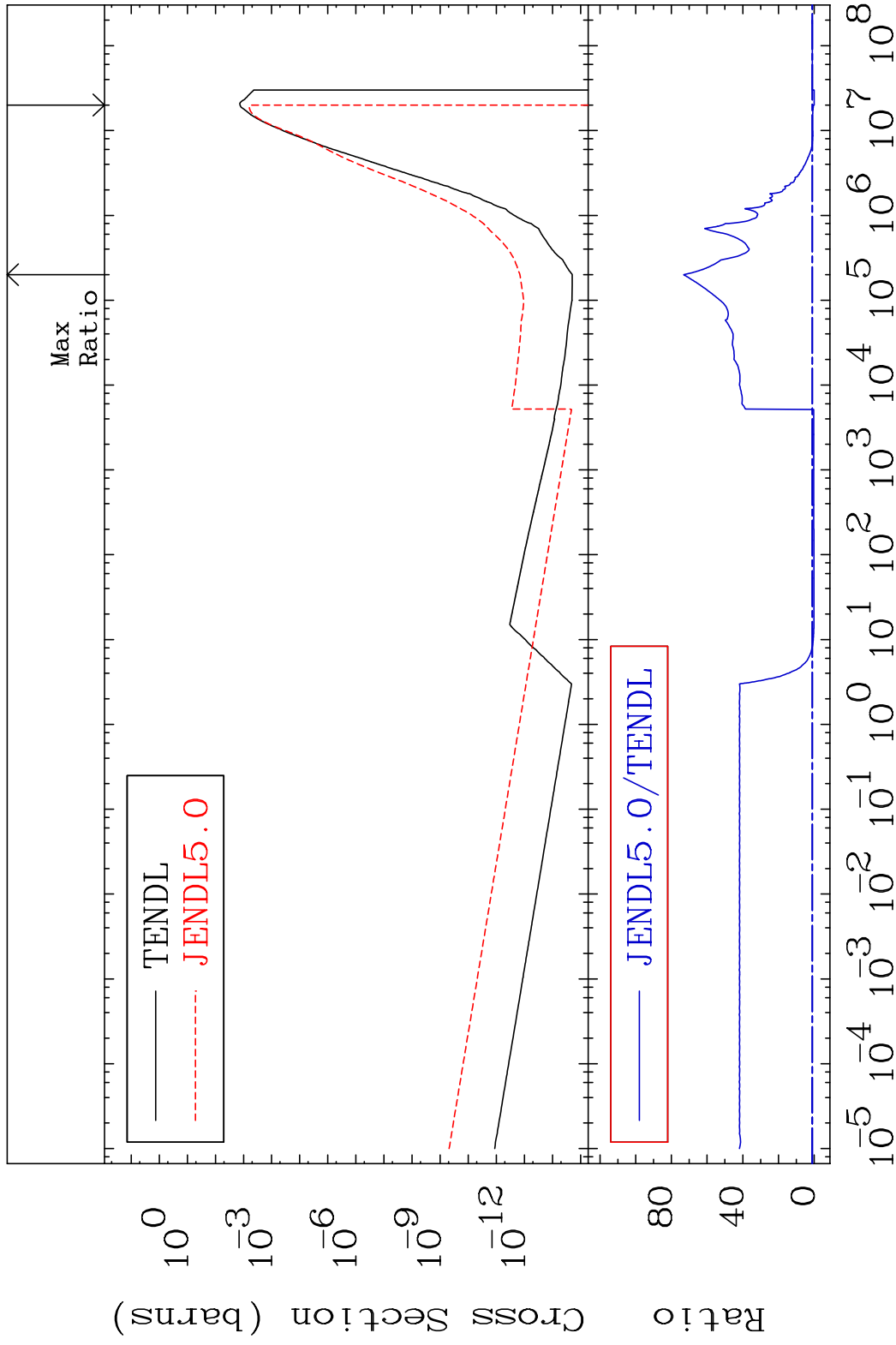
53-I -127

MAT 5325

(n,  $\alpha$ )

53-I -127

Cross Section -100.0 To 7213. %



47

Incident Energy (eV)

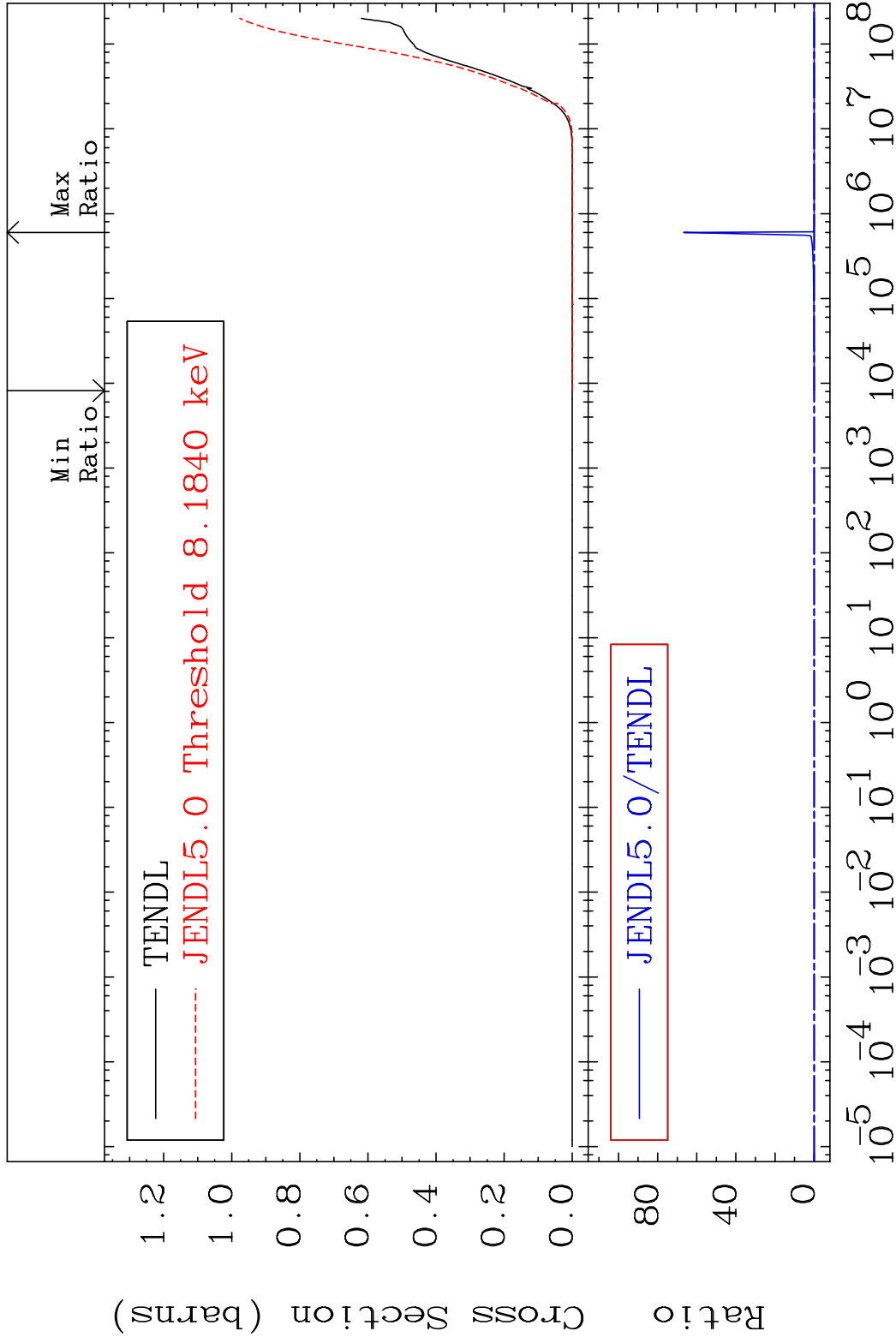
53-I -127

MAT 5325

Hydrogen Production

53-I -127

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

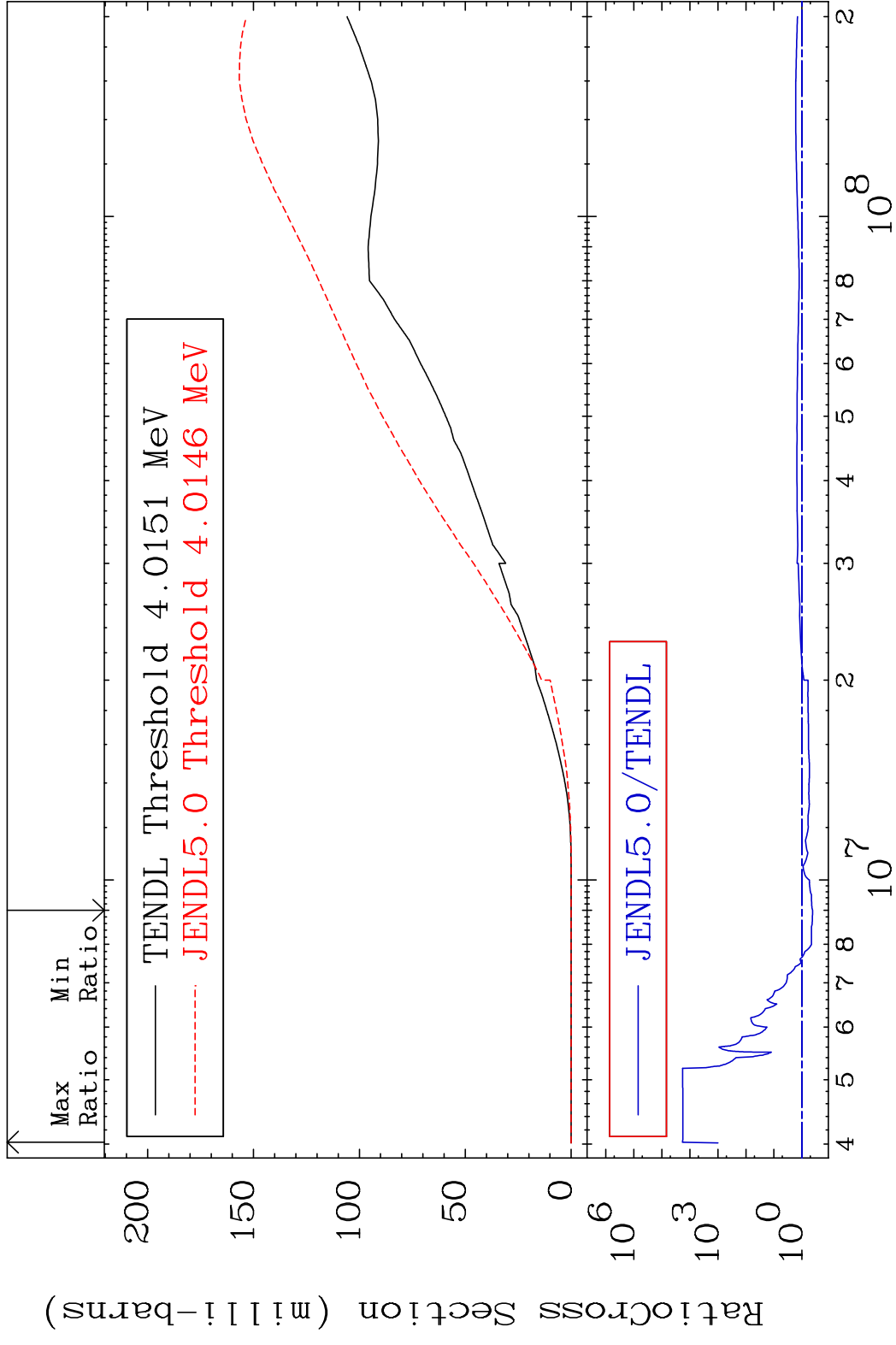
53-I -127

MAT 5325

Deuterium Production

53-I -127

Cross Section -58.00 To 9999. %

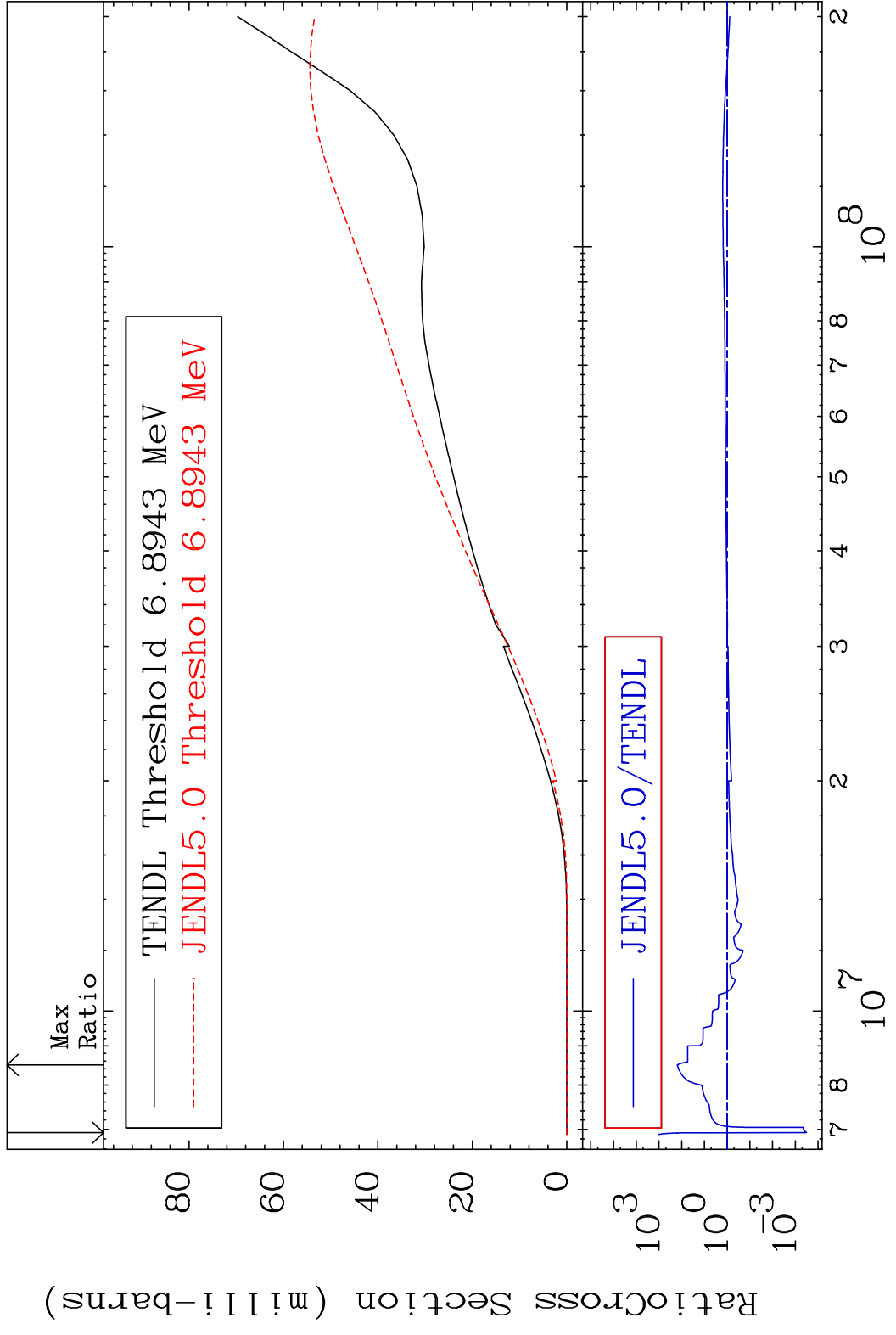


49

Incident Energy (eV)

53-I -127

MAT 5325 Tritium Production 53-I -127  
 Cross Section -99.97 To 9999. %

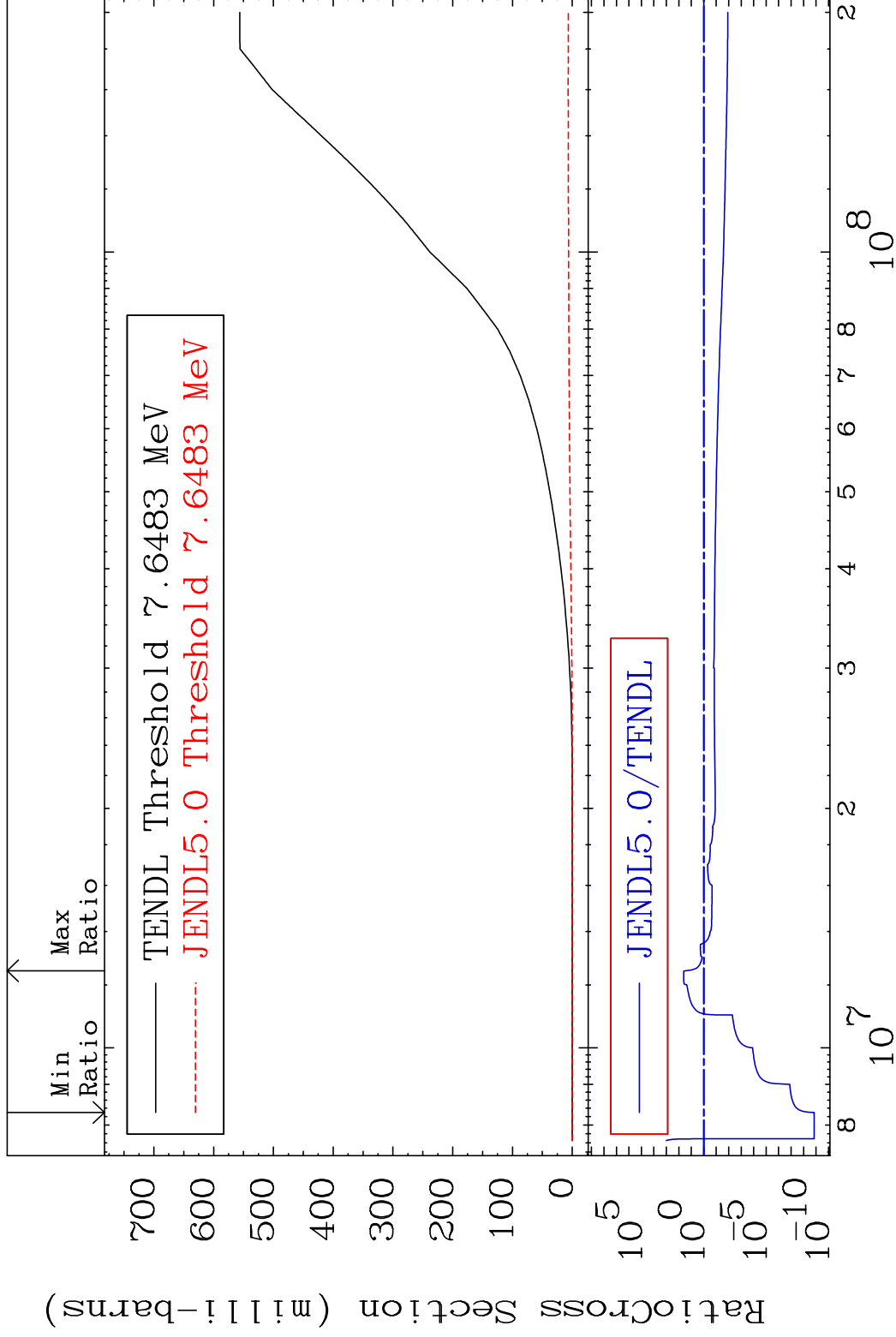


MAT 5325

He-3 Production

53-I -127

Cross Section -100.0 To 3975. %



51

Incident Energy (eV)

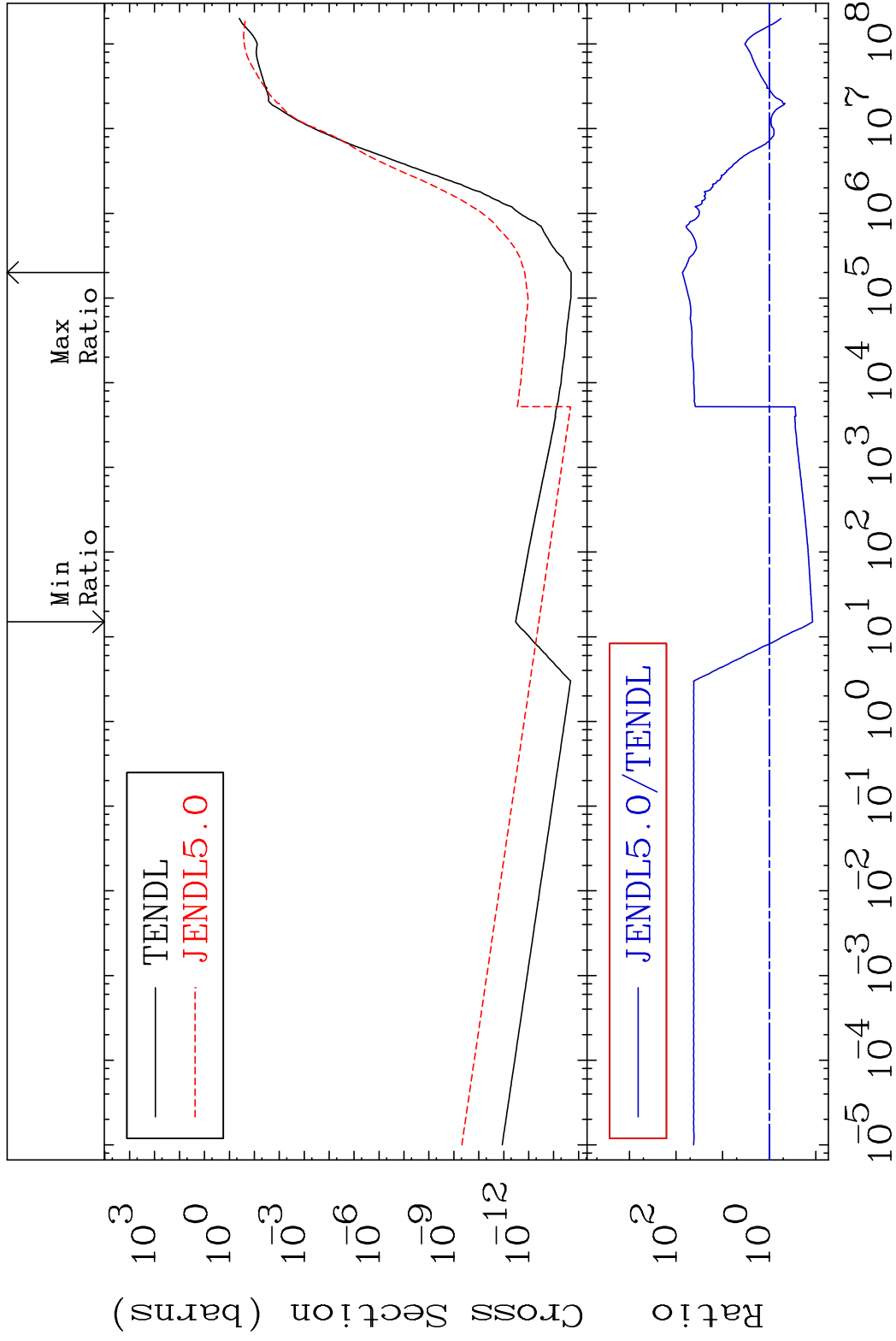
53-I -127

MAT 5325

He-4 Production

53-I -127

Cross Section -88.24 To 7213. %

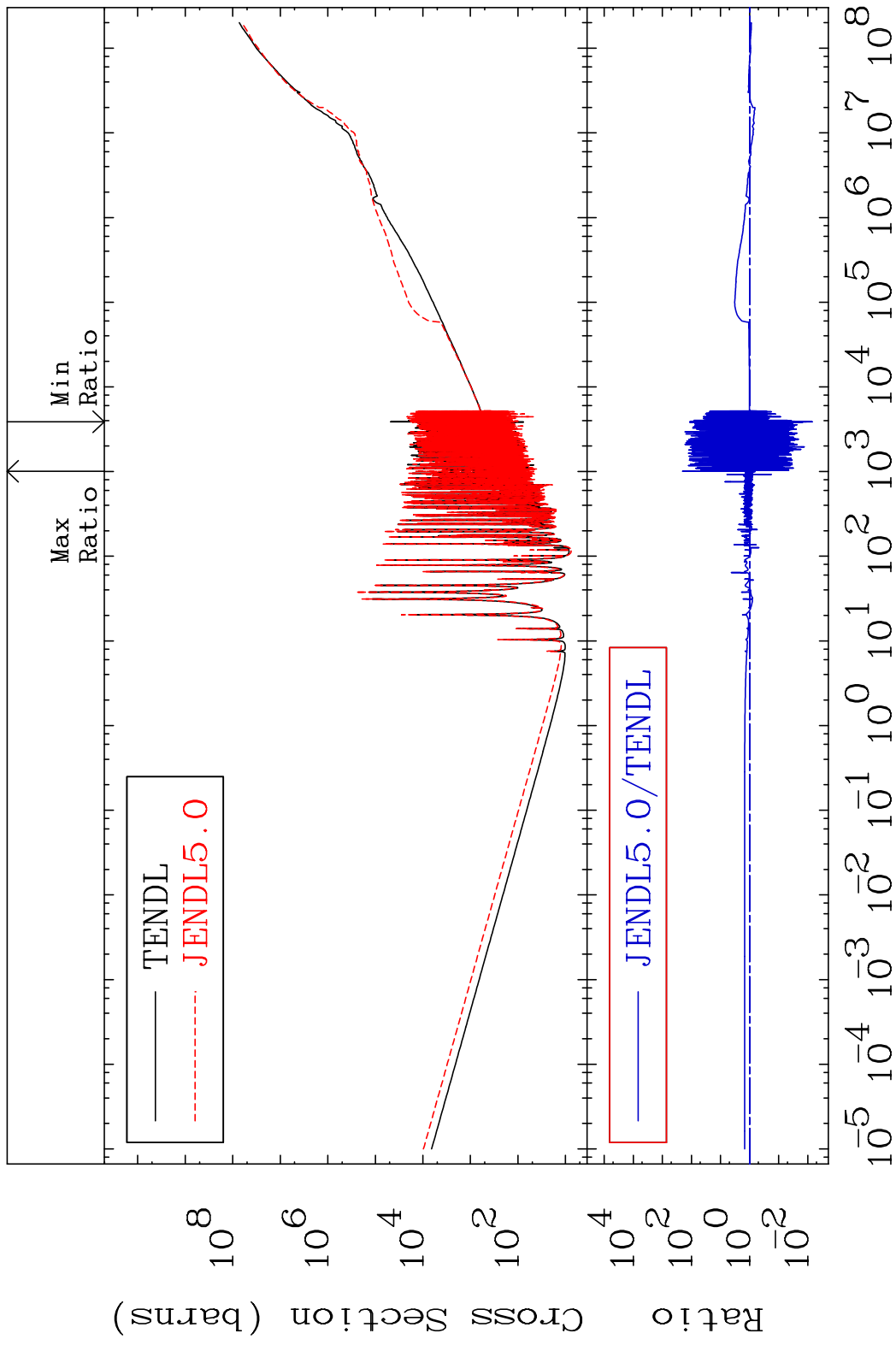


52

Incident Energy (eV)

53-I -127

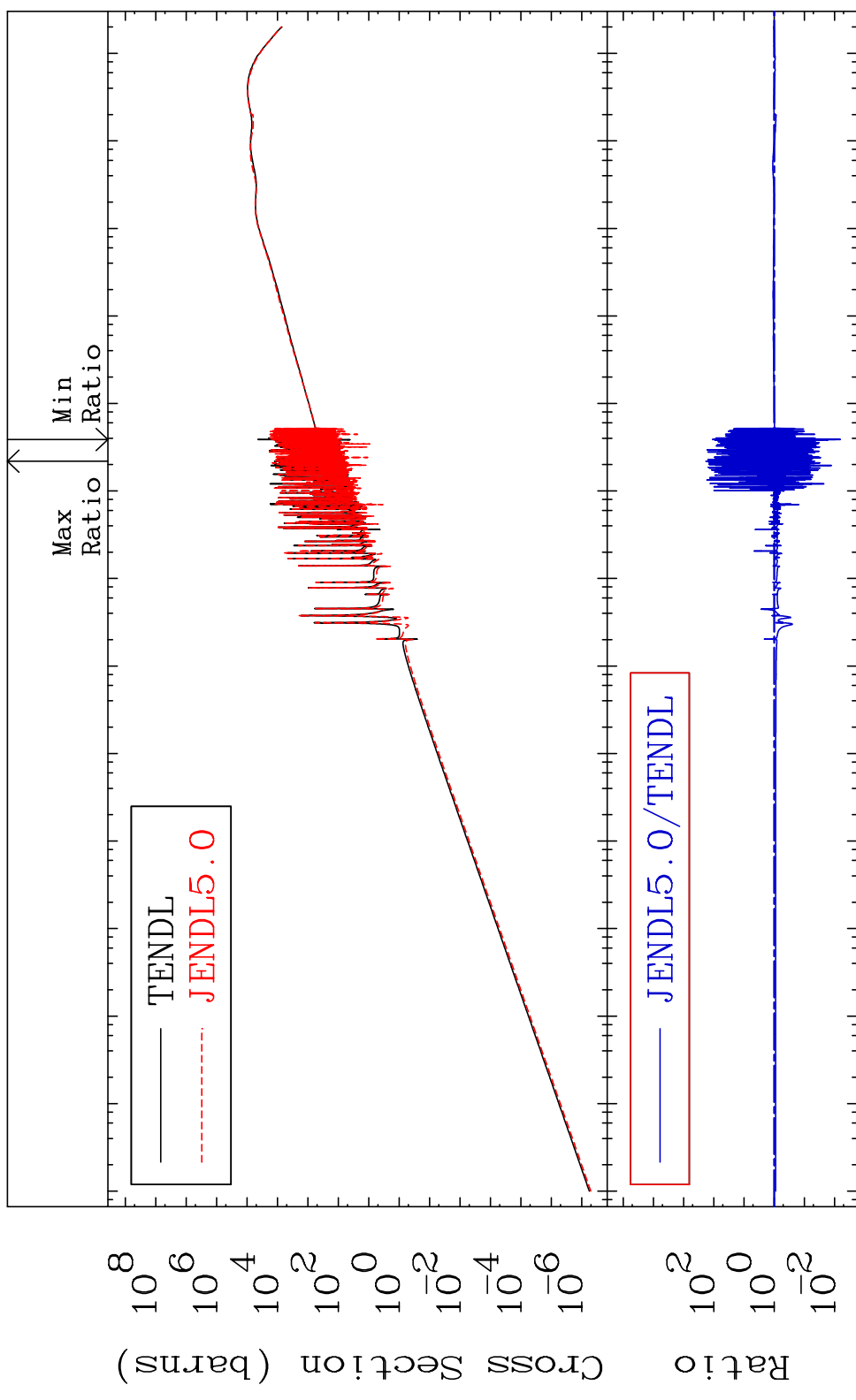
MAT 5325 Kerma total (eV-barns) 53-I -127  
 Cross Section -99.32 To 9999. %



MAT 5325

Kerma elastic  
Cross Section -99.36 To 9999. %

53-I -127

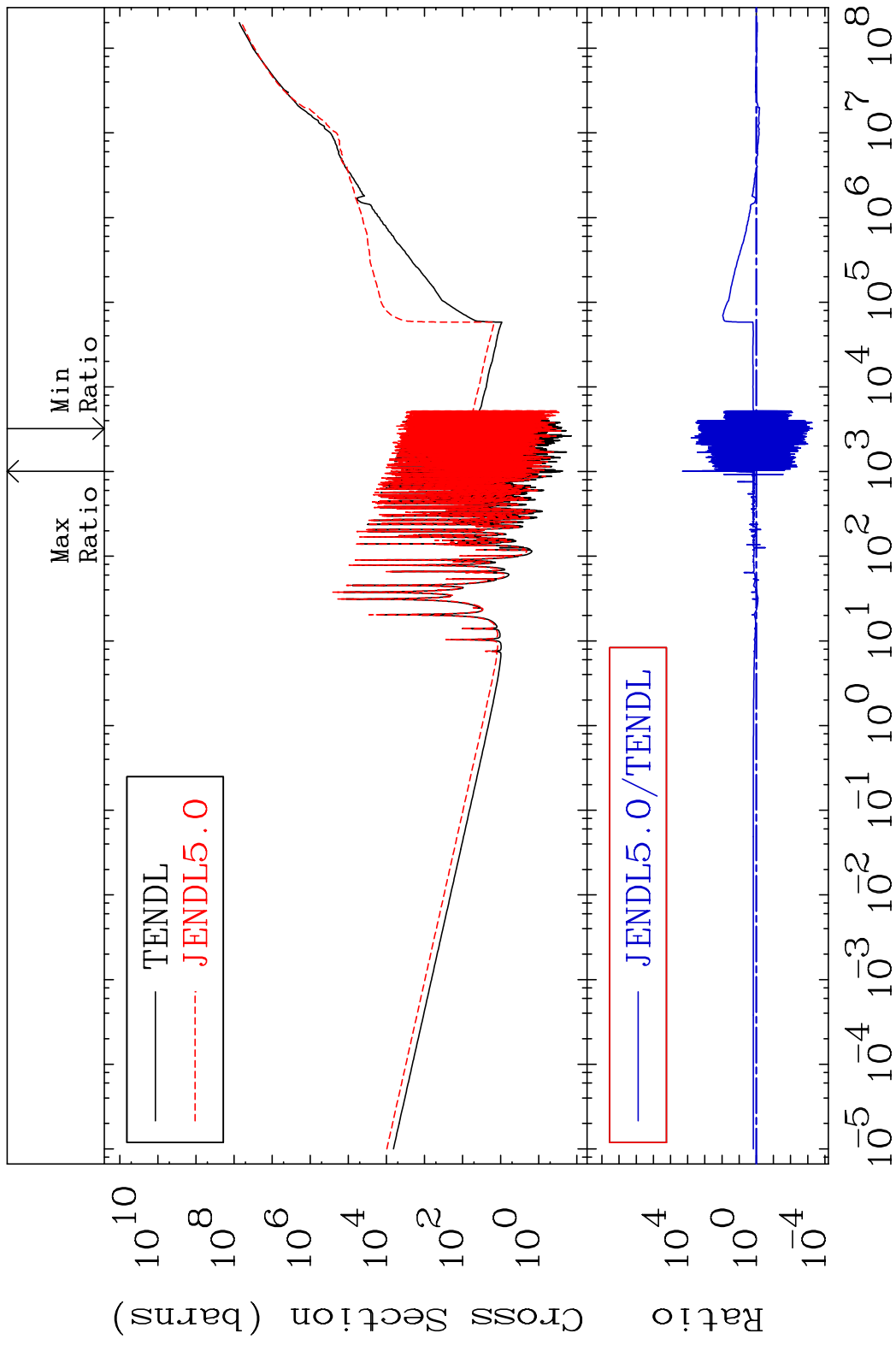


54

Incident Energy (eV)

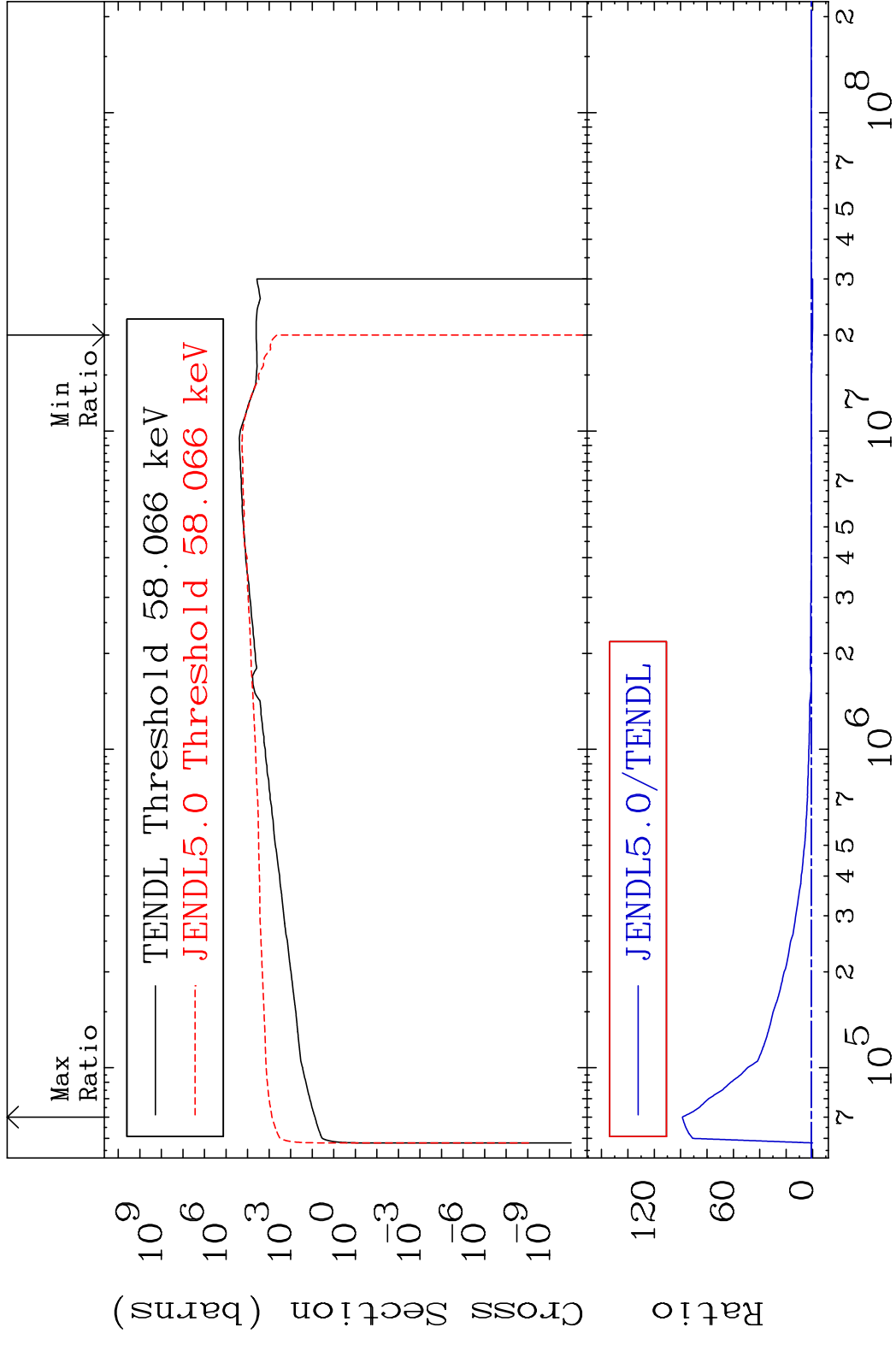
53-I -127

MAT 5325 Kerma non-elastic (all but mt2) 53-I -127  
 Cross Section -99.95 To 9999. %

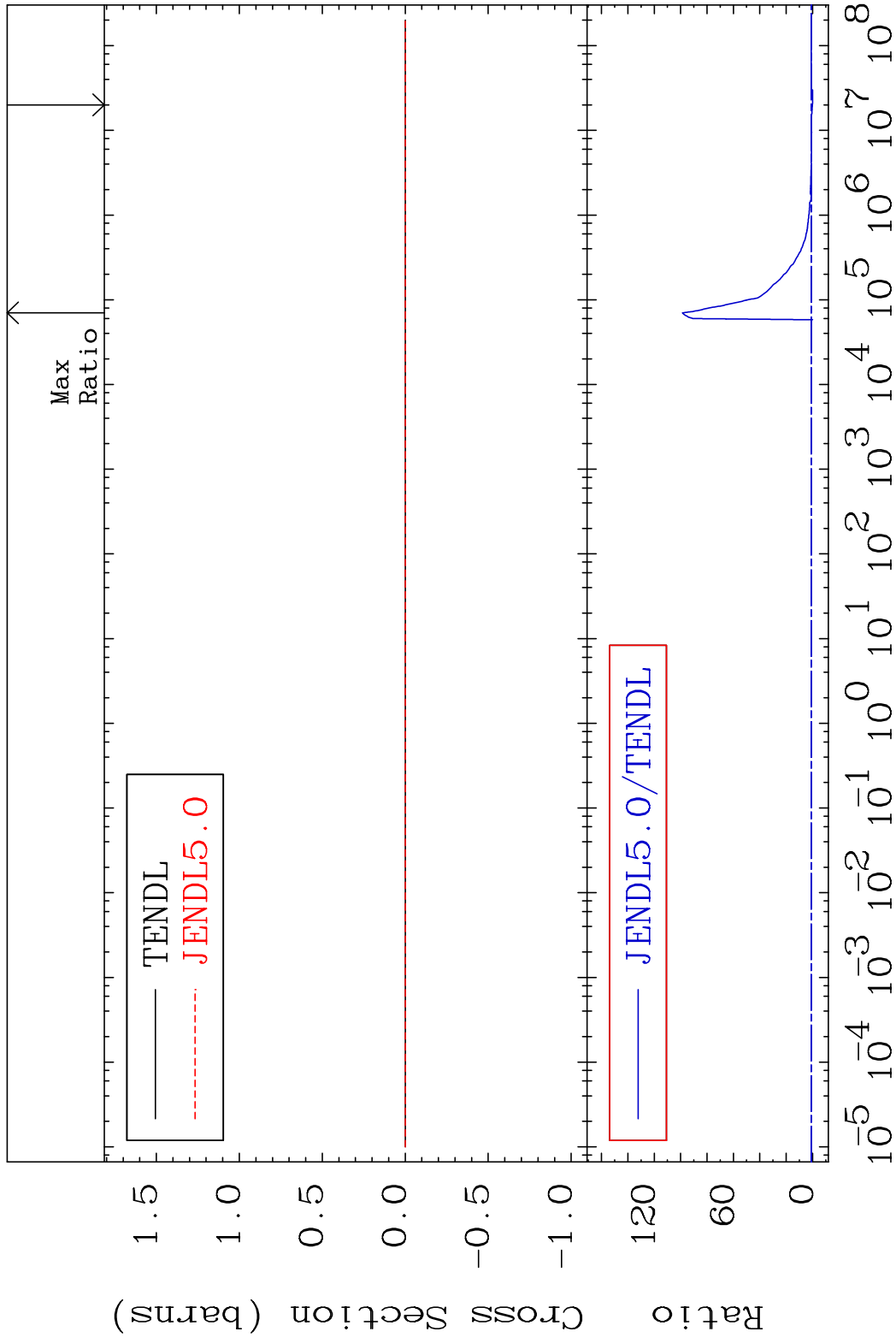


55 Incident Energy (eV) 53-I -127

MAT 5325 Kerma inelastic (mt51-91) 53-I -127  
 Cross Section -100.0 To 9768. %

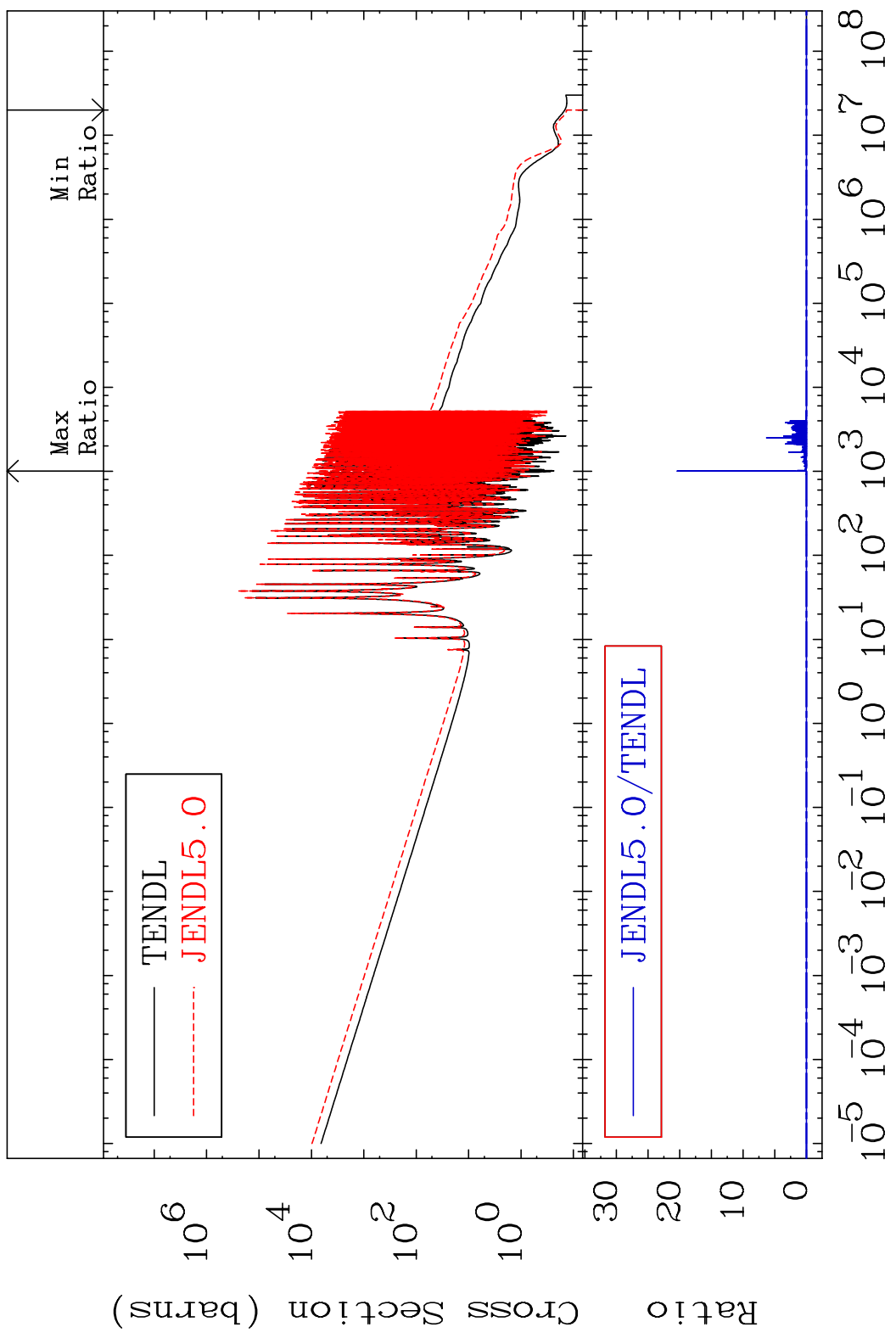


MAT 5325 Kerma fission (mt18 or mt19-20-21-38)53-I -127  
 Cross Section -100.0 To 9768. %



MAT 5325

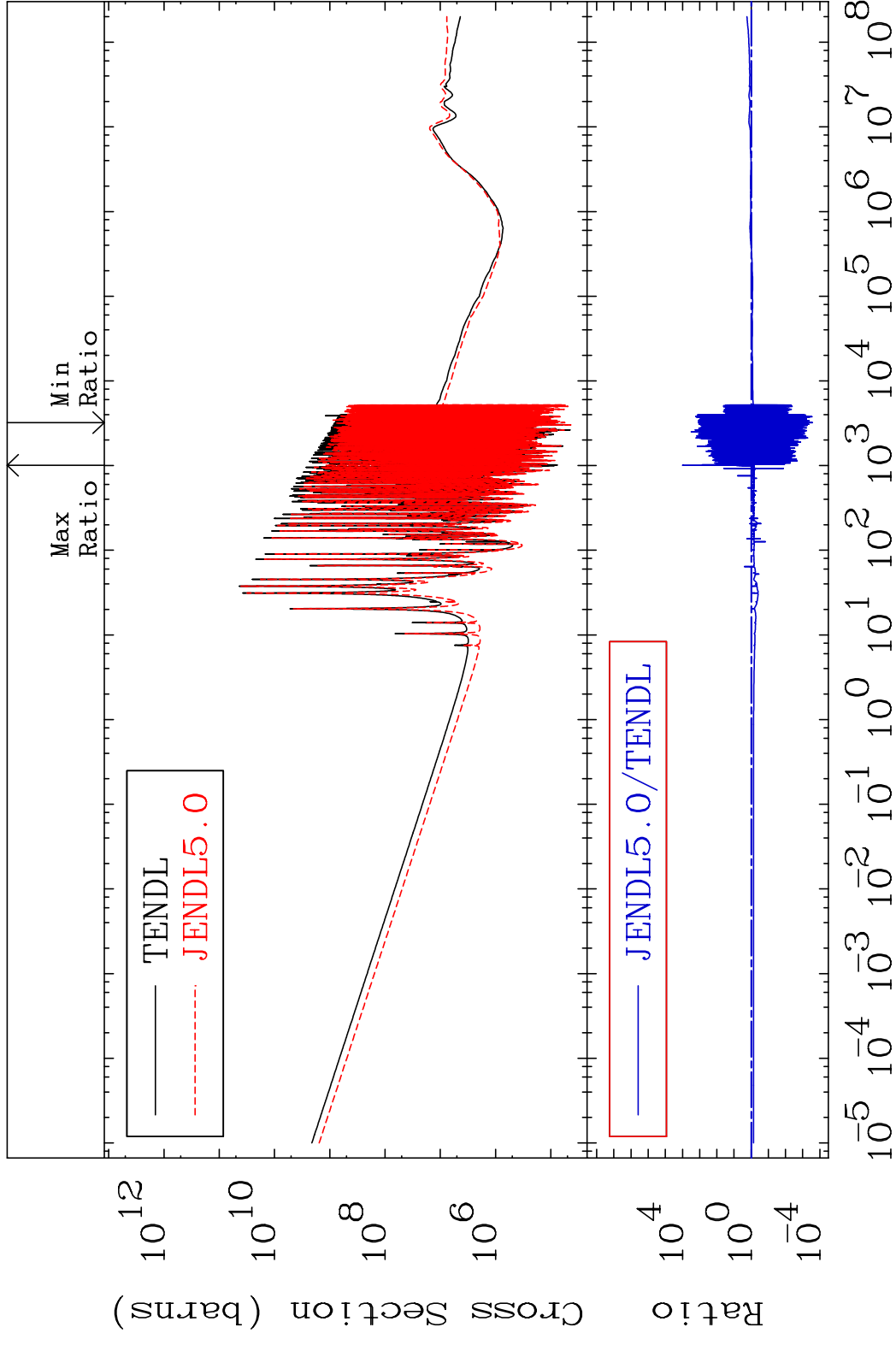
Kerma capture (mt102) 53-I -127  
Cross Section -100.0 To 9999. %



58

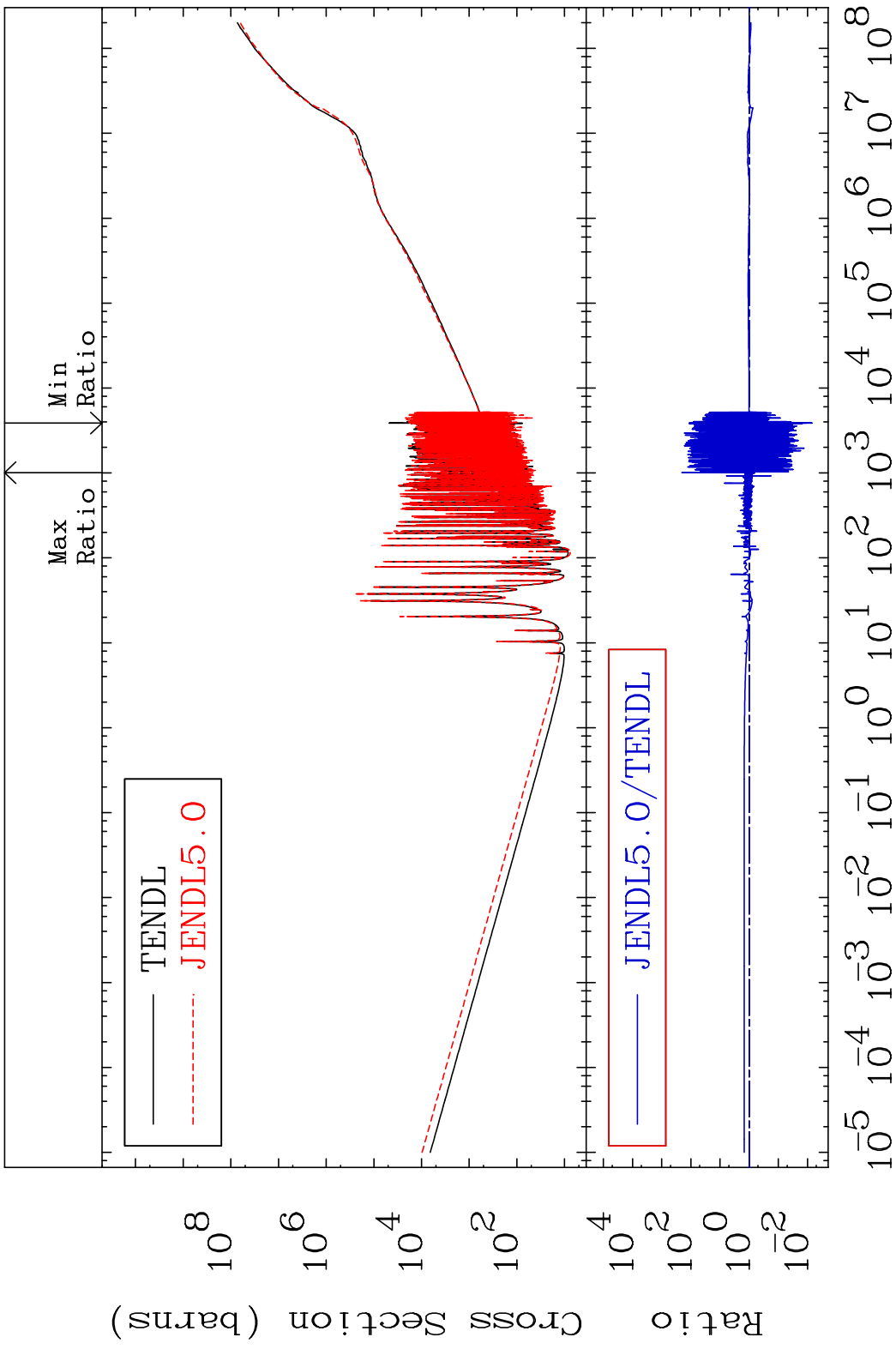
Incident Energy (eV) 53-I -127

MAT 5325 Total photon (eV-barns) 53-I -127  
Cross Section -99.97 To 9999. %

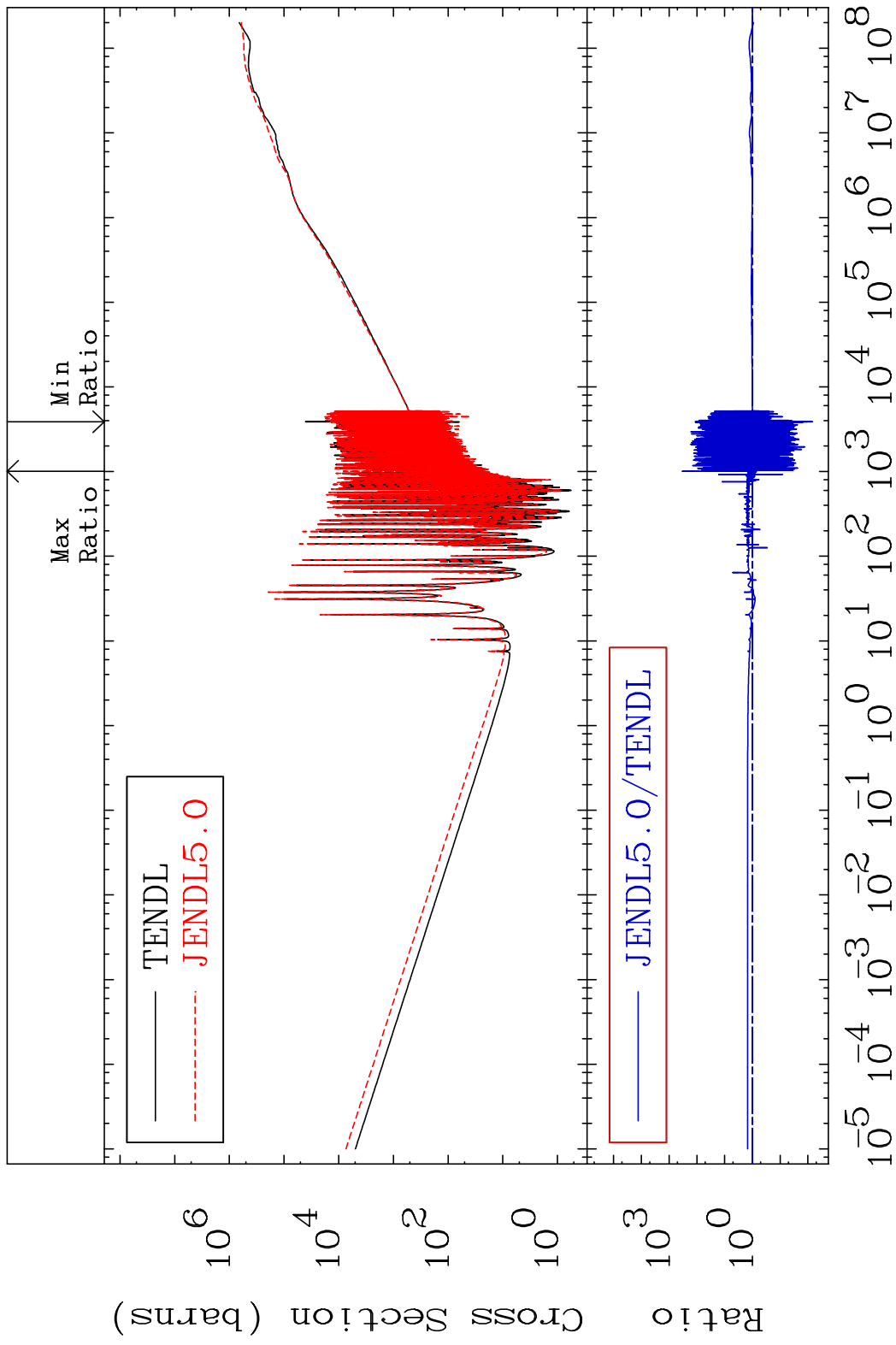


59 Incident Energy (eV) 53-I -127

MAT 5325 Total kinematic kerma (high limit) 53-I -127  
Cross Section -99.32 To 9999. %



MAT 5325 Dpa total (eV-barns) 53-I -127  
 Cross Section -99.32 To 9999. %

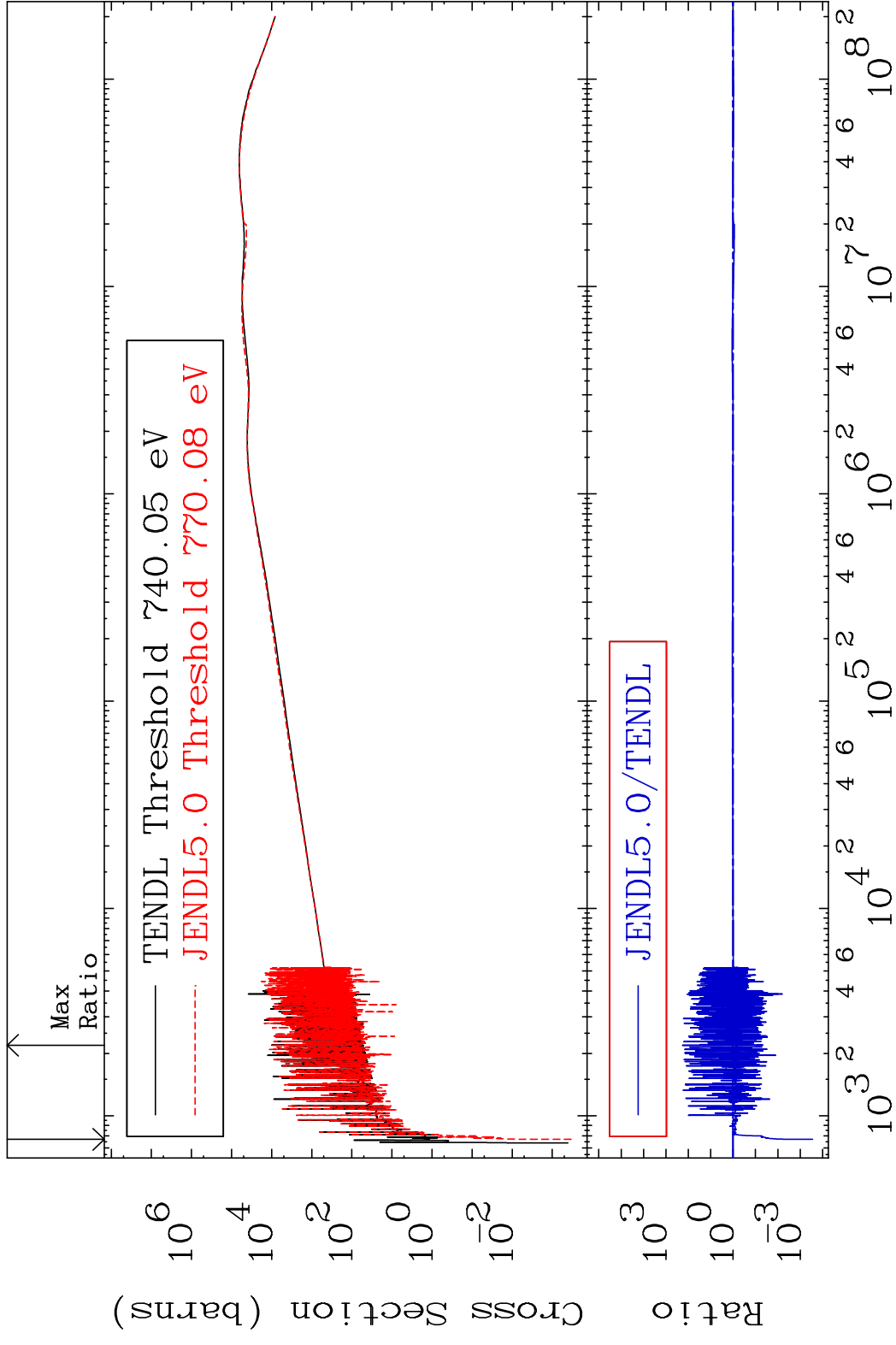


MAT 5325

Dpa elastic (mt2)

53-I -127

Cross Section -99.97 To 9999. %

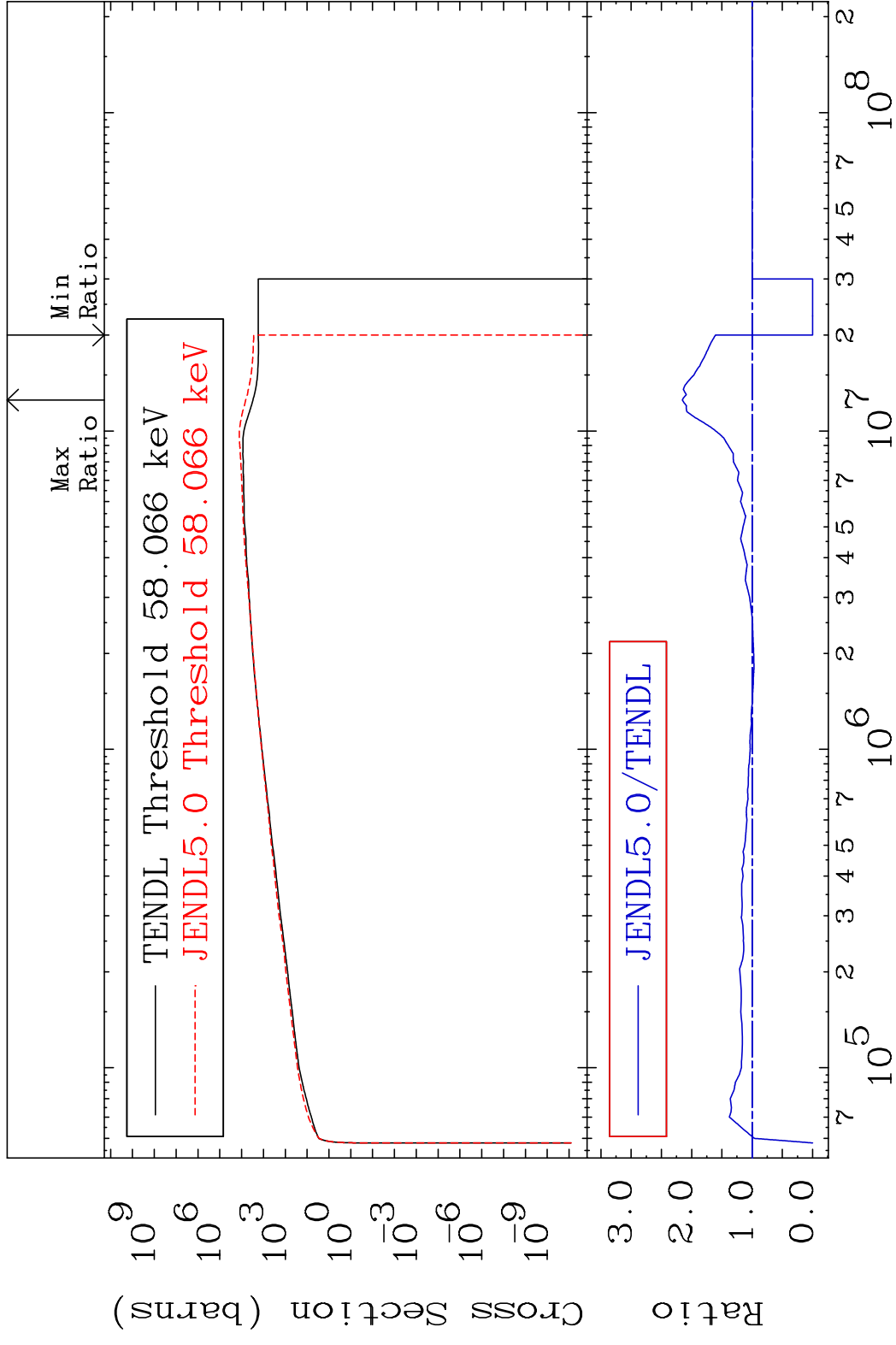


62

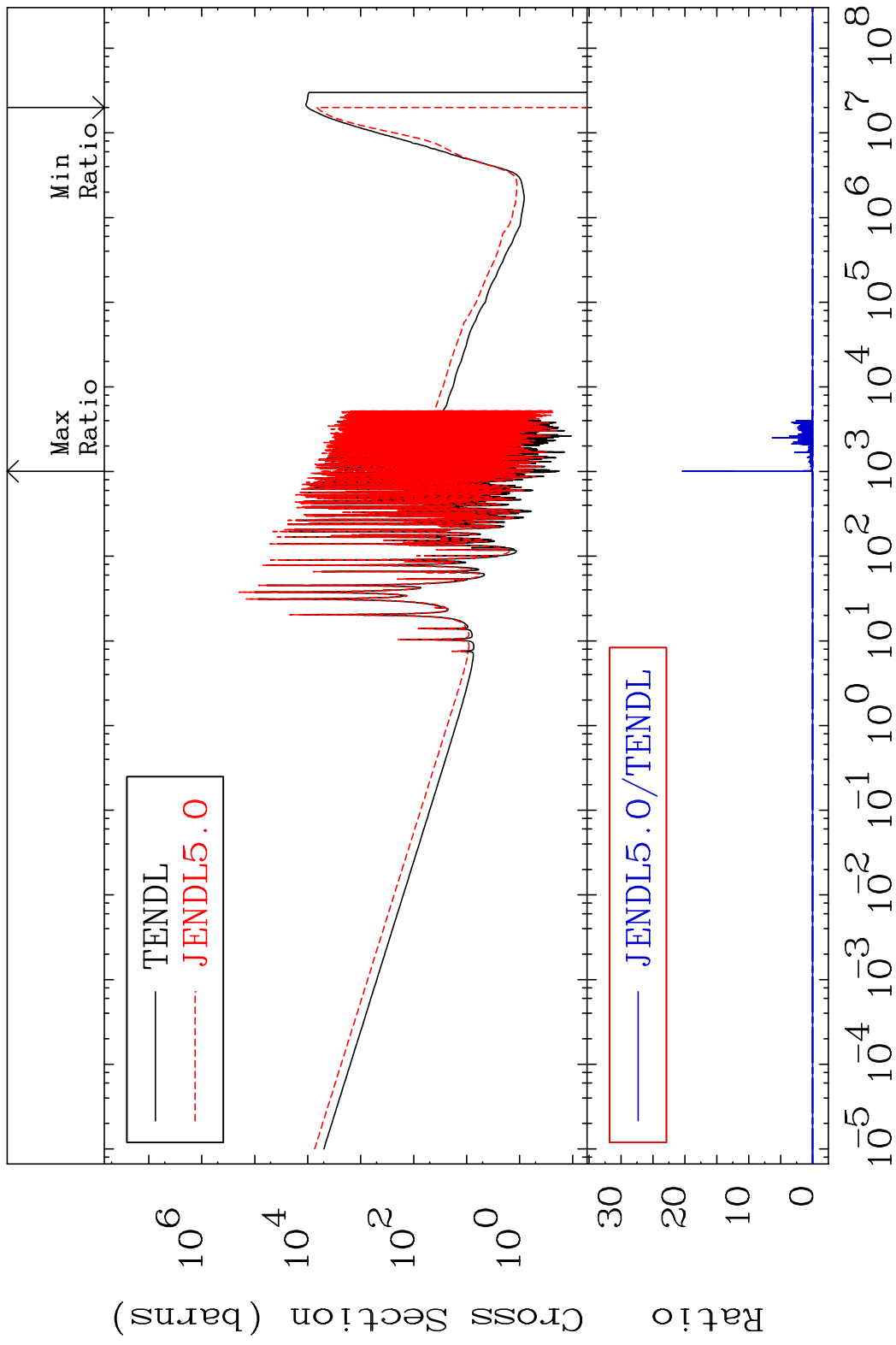
Incident Energy (eV)

53-I -127

MAT 5325 Dpa inelastic (mt51-91) 53-I -127  
 Cross Section -100.0 To 115.4 %

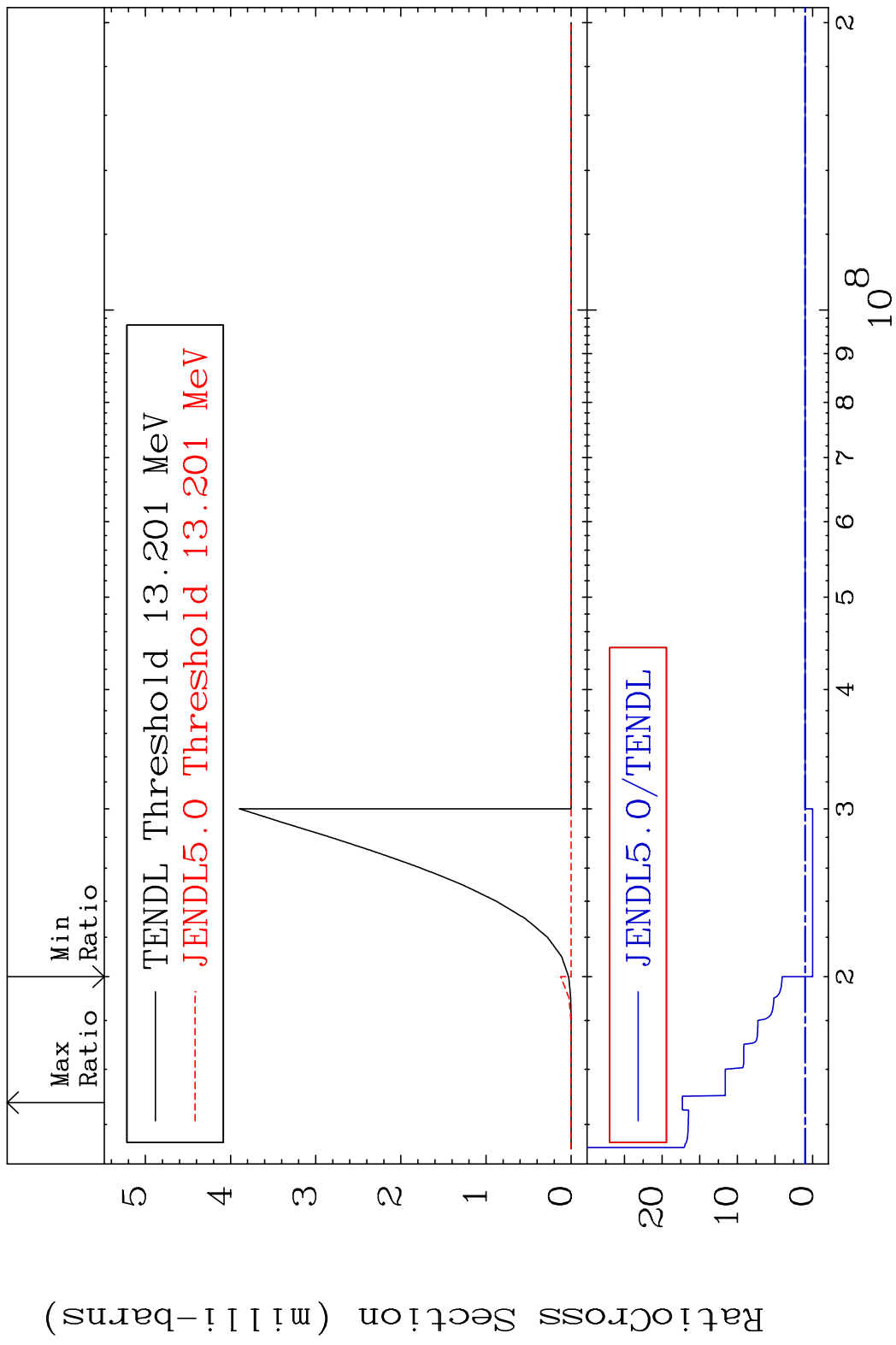


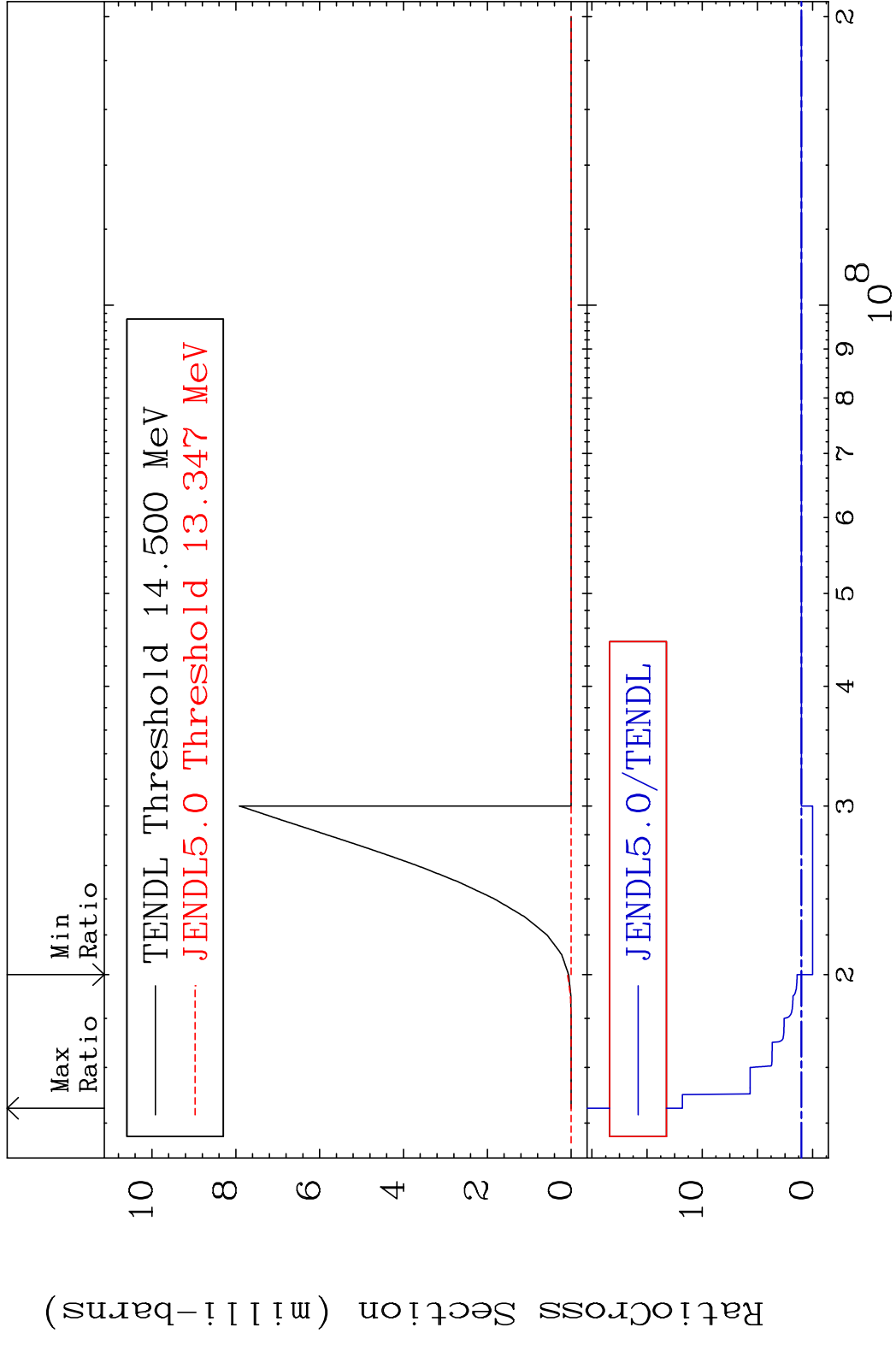
MAT 5325 Dpa disappearance (mt102 -120) 53-I -127  
 Cross Section -100.0 To 9999. %

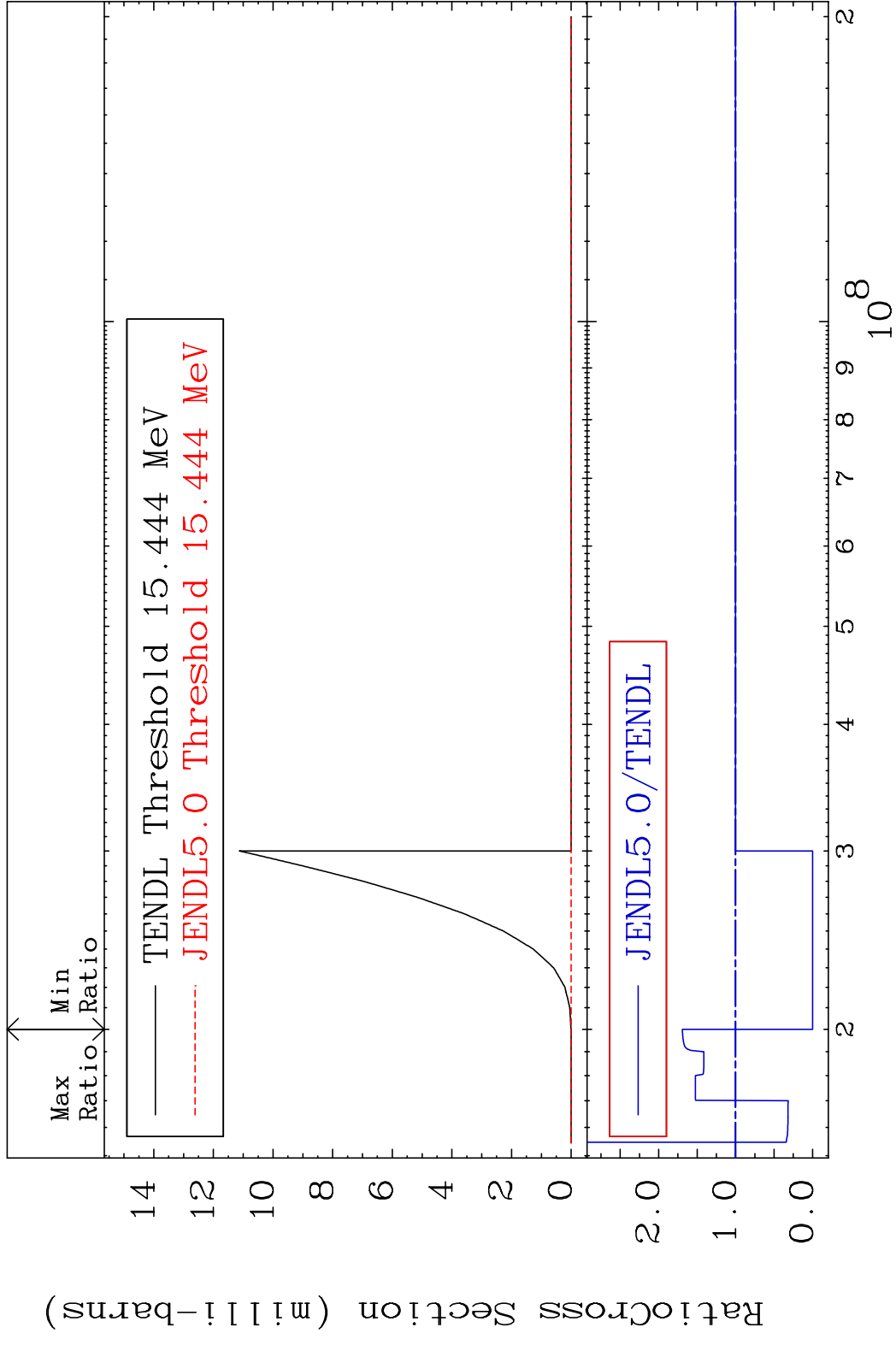


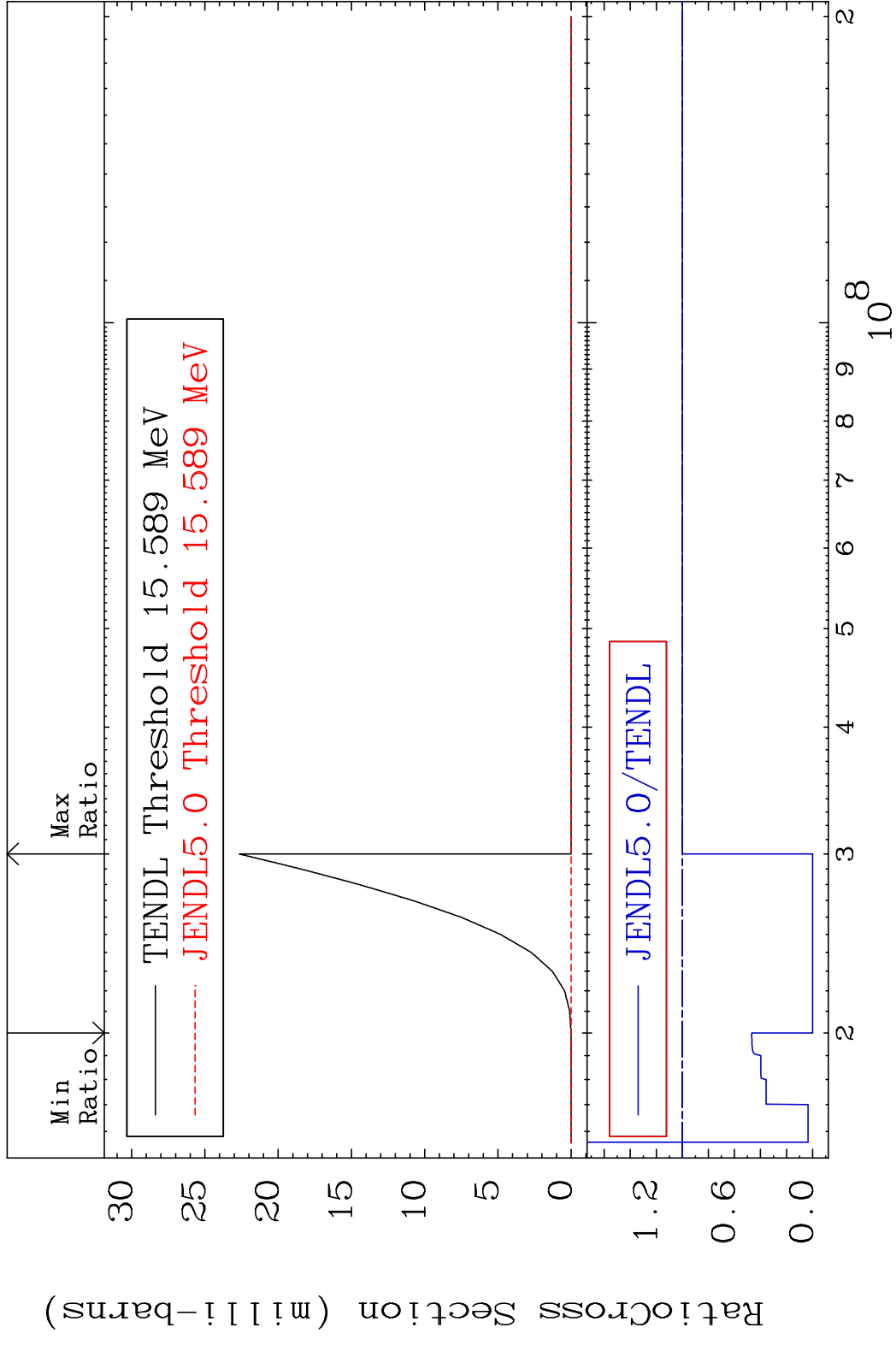
64 Incident Energy (eV) 53-I -127

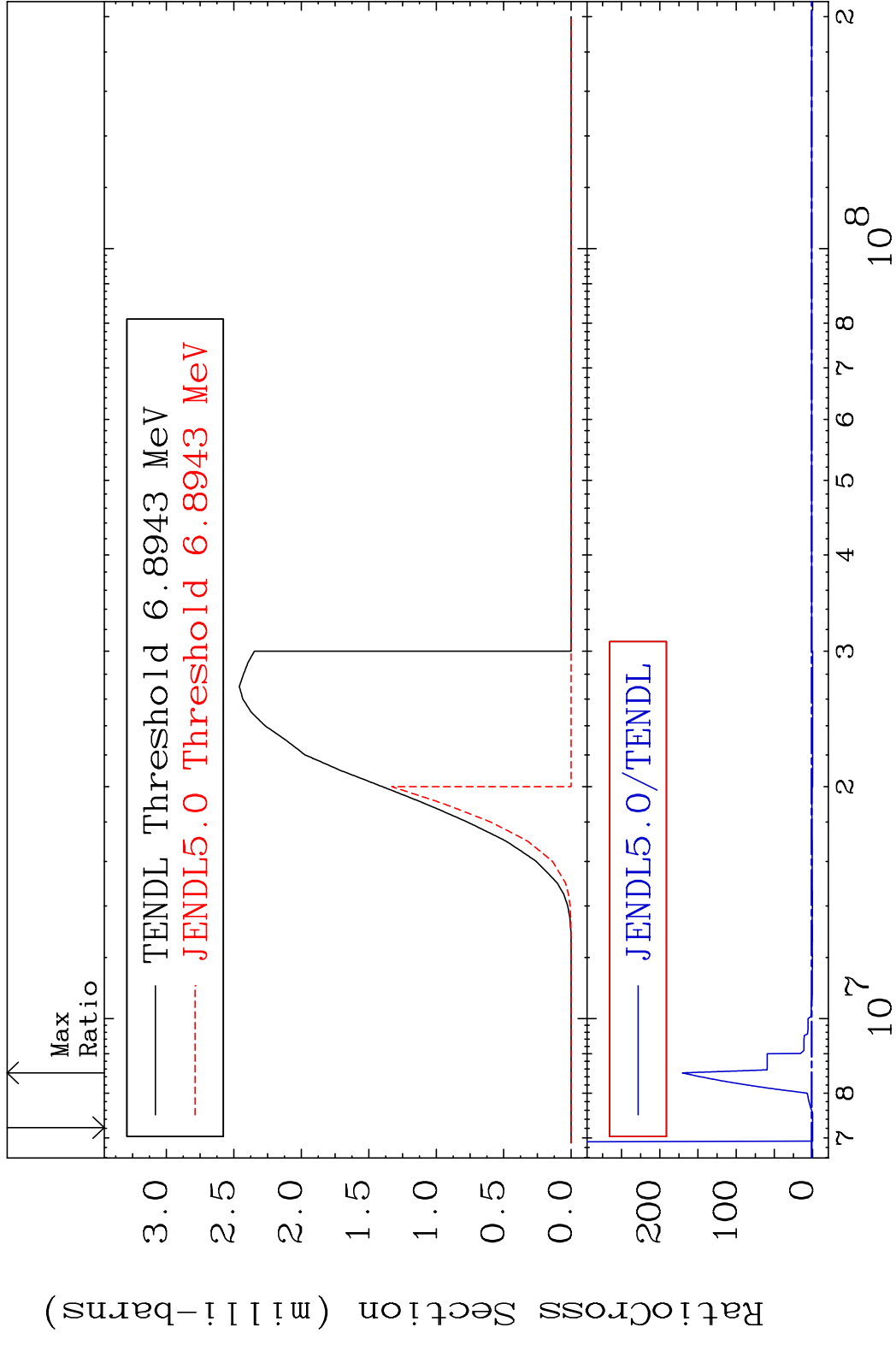
MAT 5325 (n, n') d:52-Te-125g 53-I -127  
 Radionuclide Production Cross Section 180.01 dth 1631. %



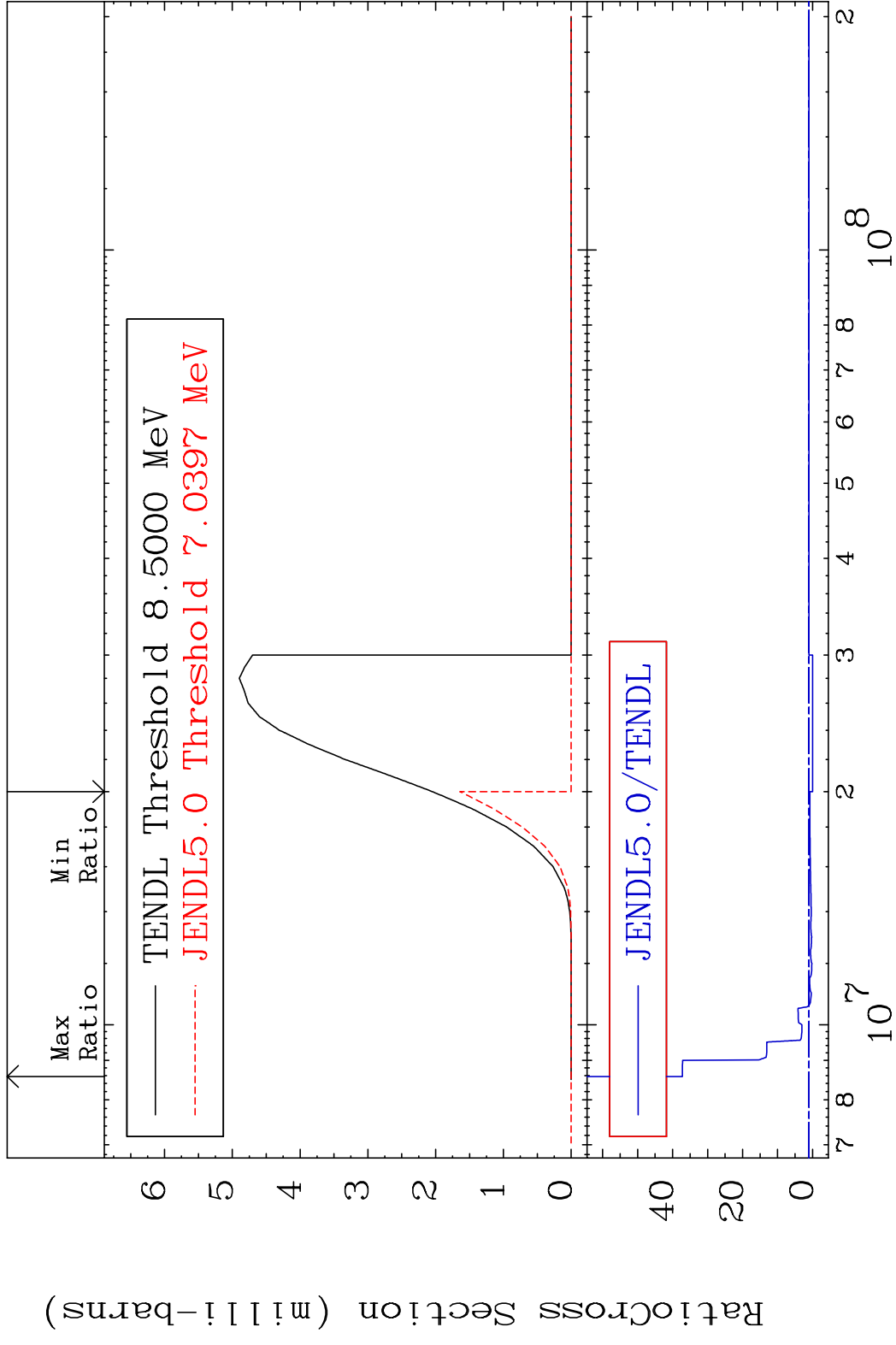






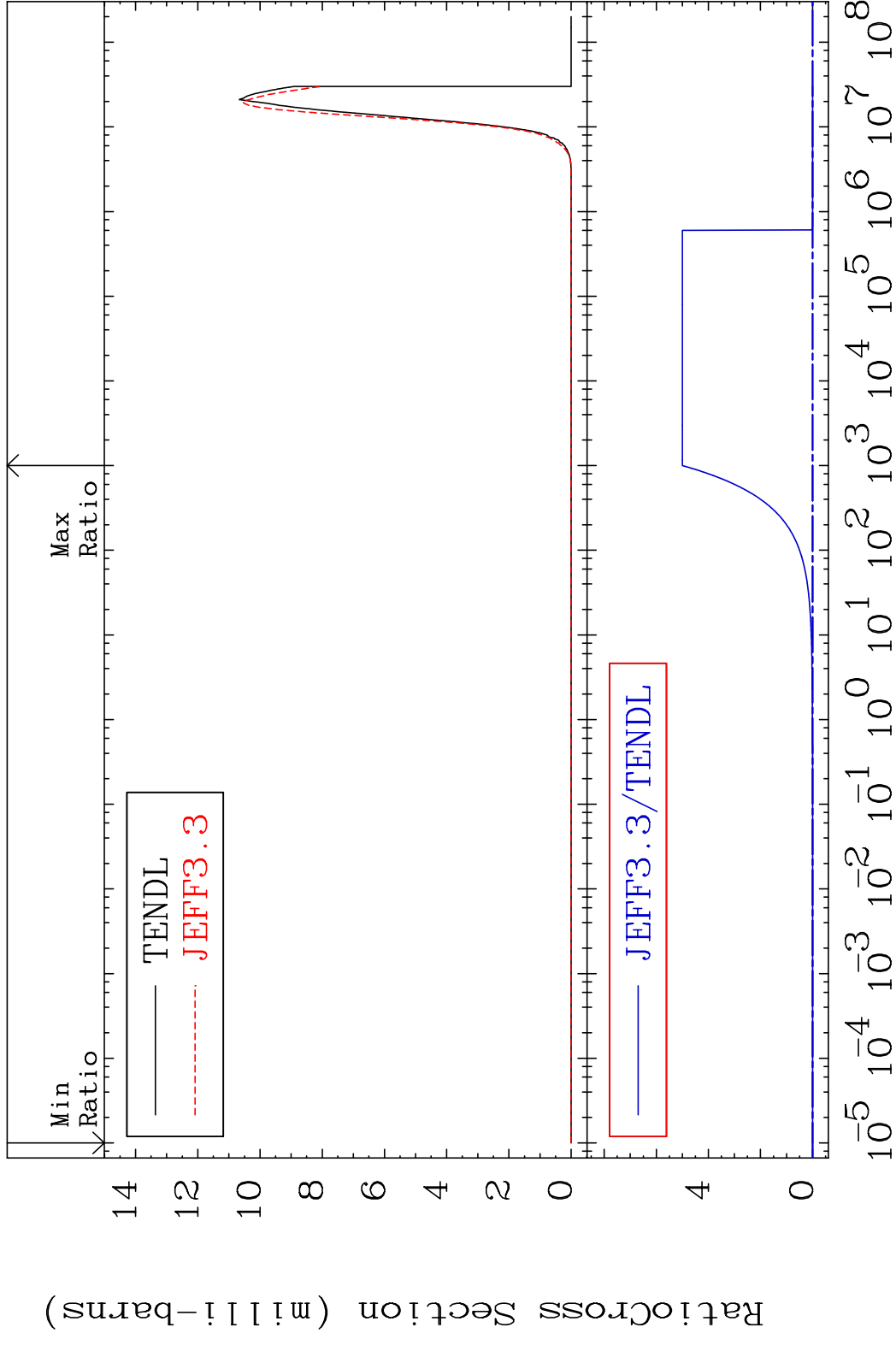


MAT 5325 (n, t):52-Te-125m2 53-I -127  
 Radionuclide Production Cross Section 3622. %



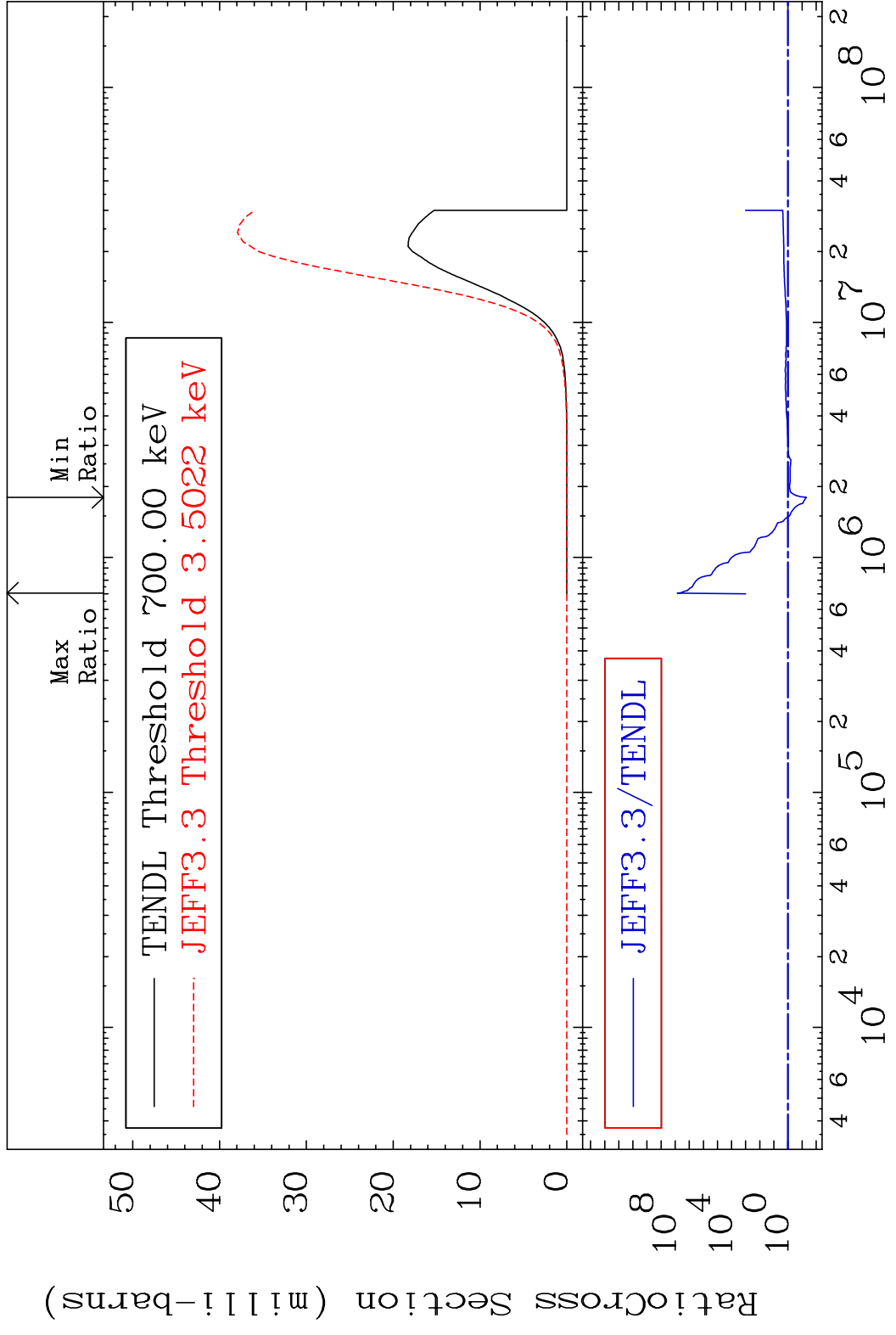
70 Incident Energy (eV) 53-I -127

MAT 5325 (n,p):52-Te-127 53-I -127  
 Radionuclide Production Cross Section Ratio 9999. %

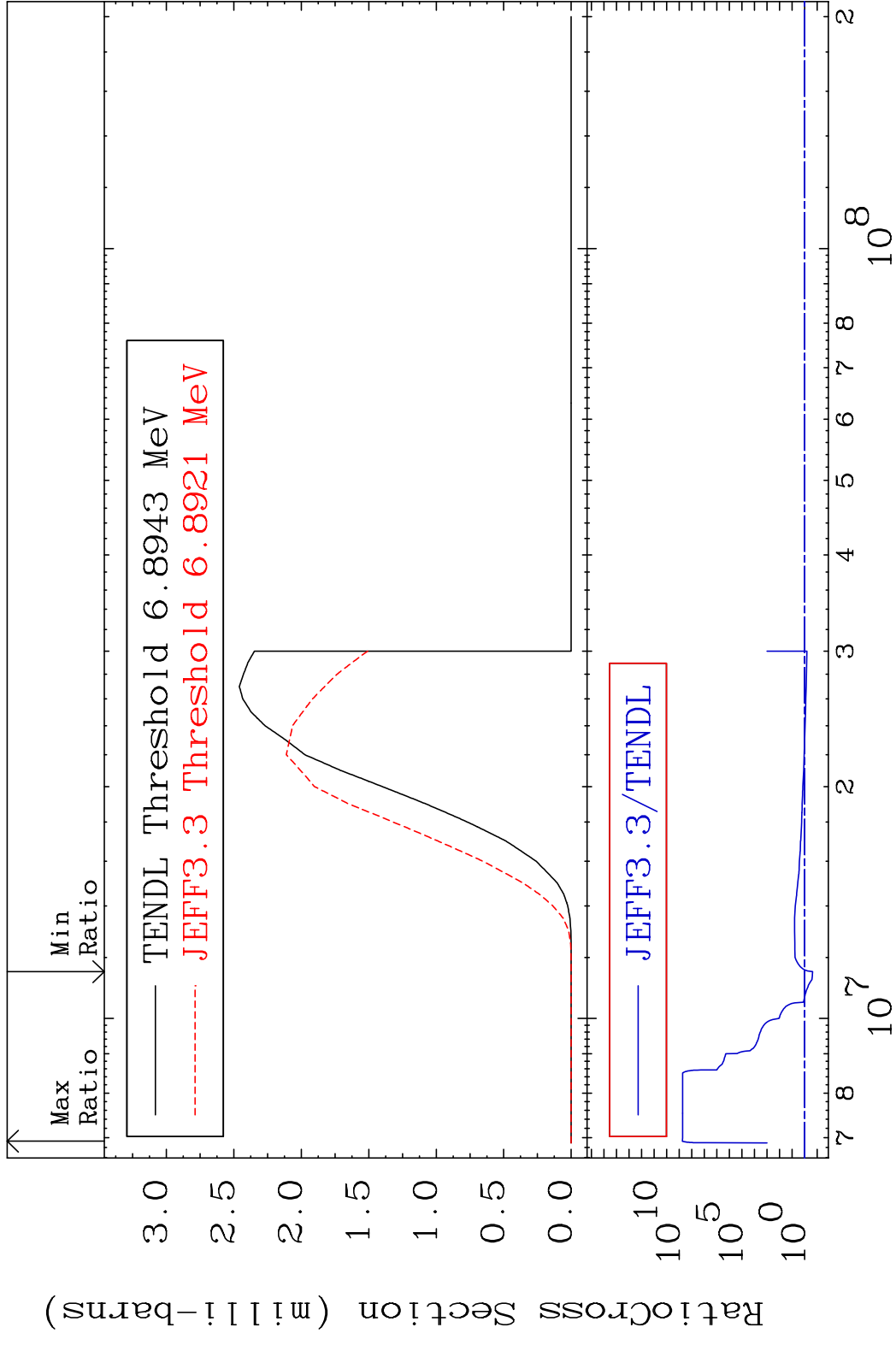


71 Incident Energy (eV) 53-I -127

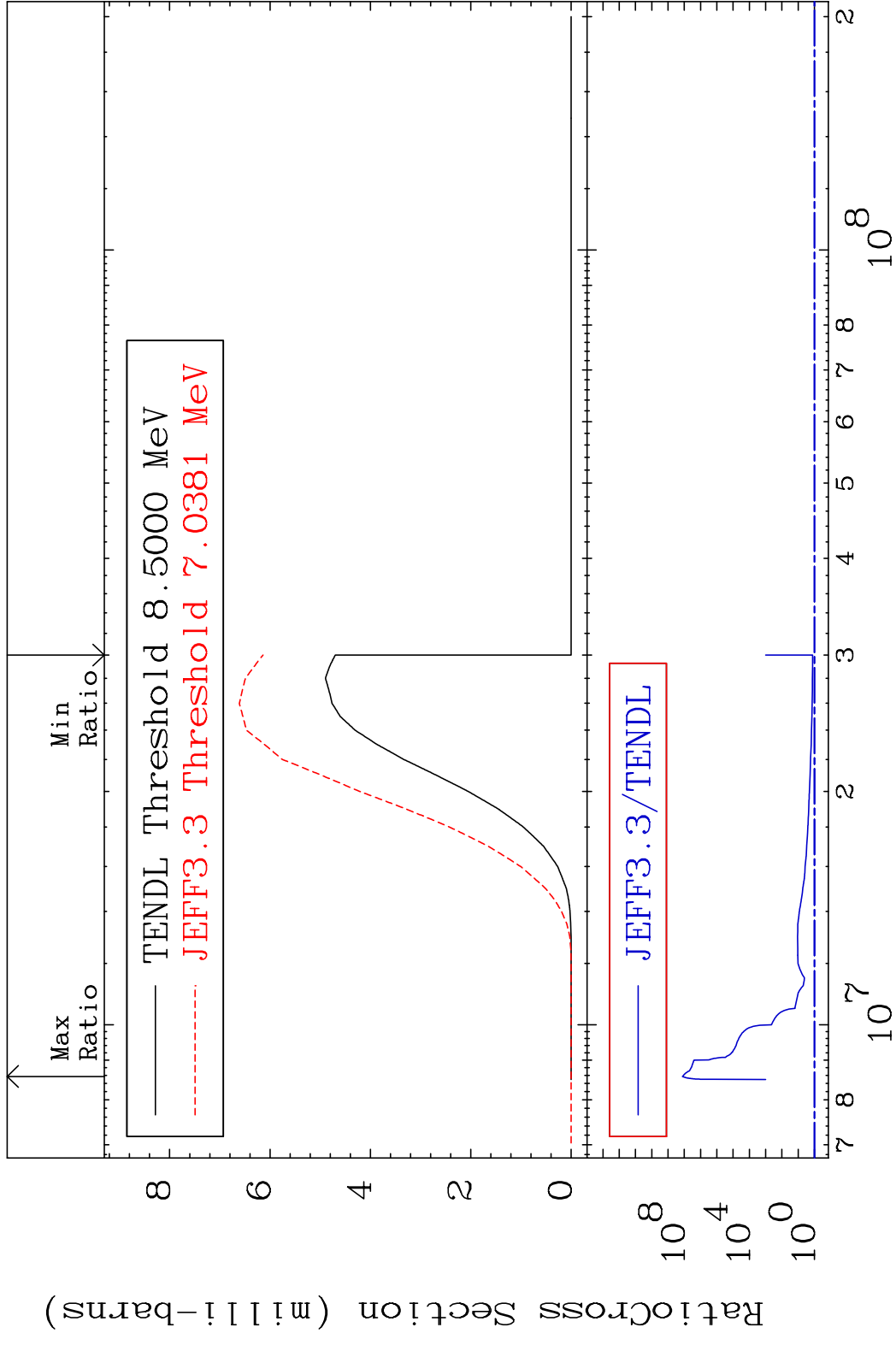
MAT 5325 (n, p):52-Te-127m2 53-I -127  
 Radionuclide Production Cross Section to 9999. %



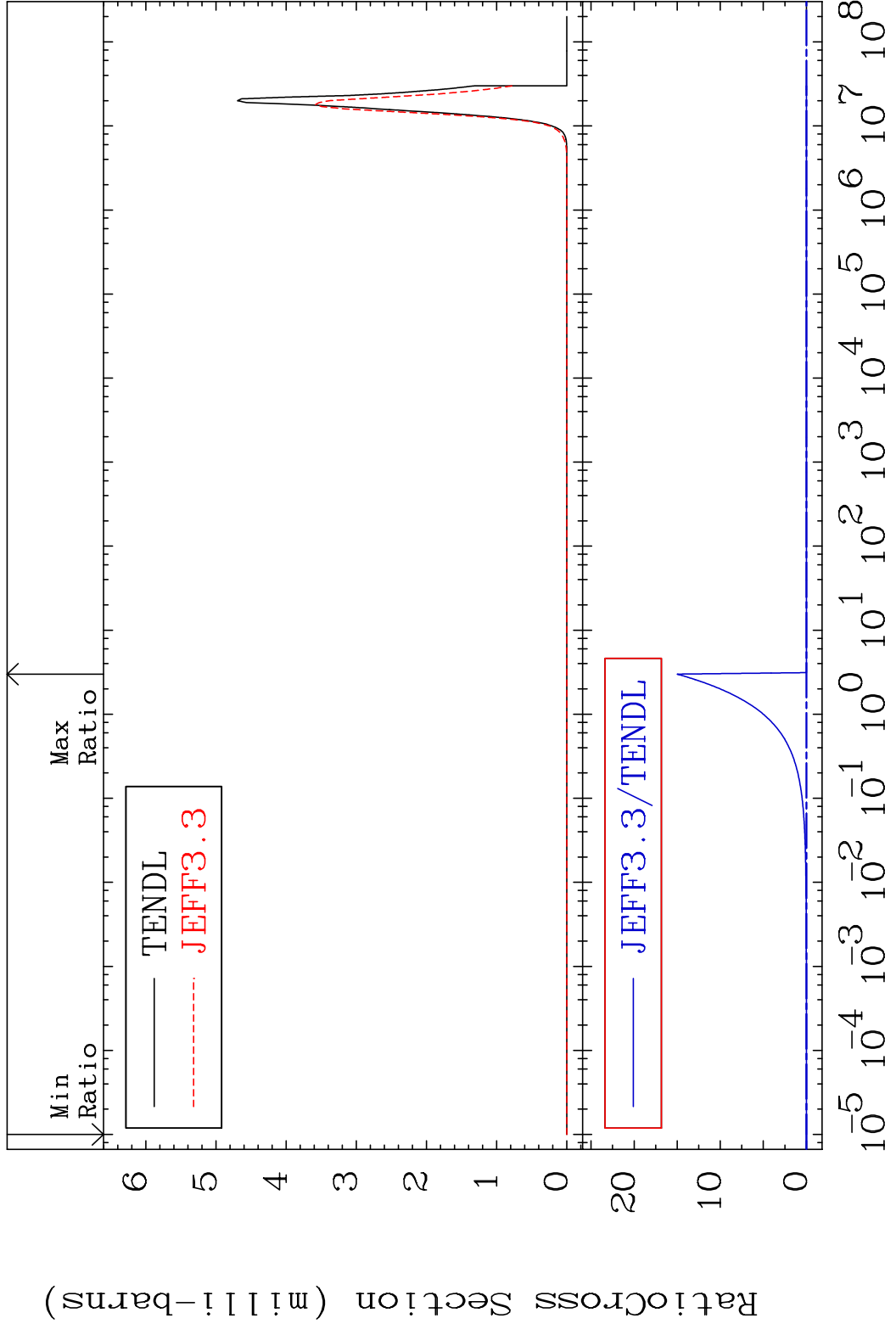
MAT 5325 (n, t):52-Te-125g 53-I -127  
 Radionuclide Production Cross Section 9999. %



MAT 5325 (n, t):52-Te-125m2 53-I -127  
 Radionuclide Production Cross Section 9999. %

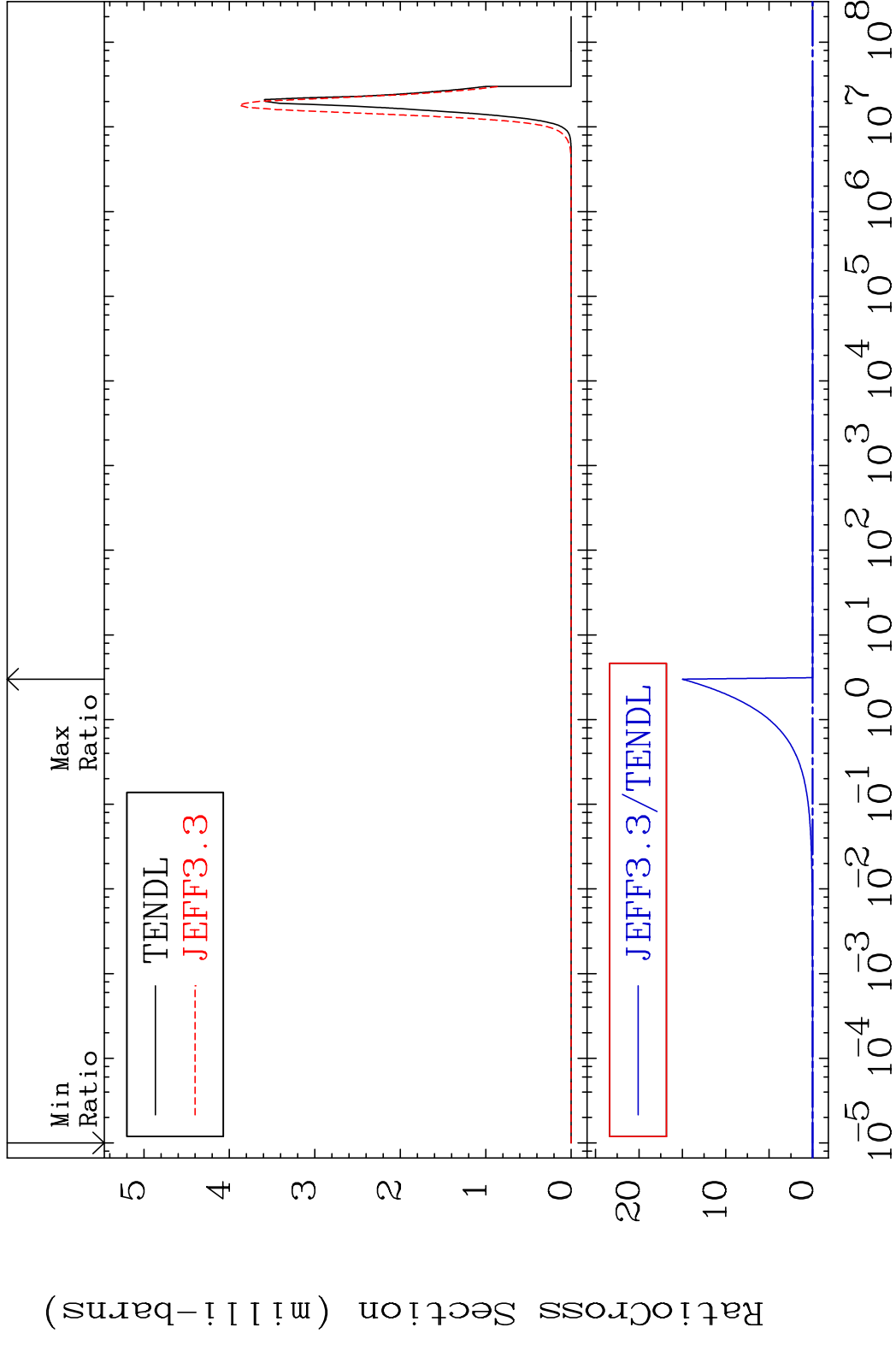


MAT 5325 (n,  $\alpha$ ):51-Sb-124g 53-I -127  
 Radionuclide Production Cross Section Ratio 9999. %

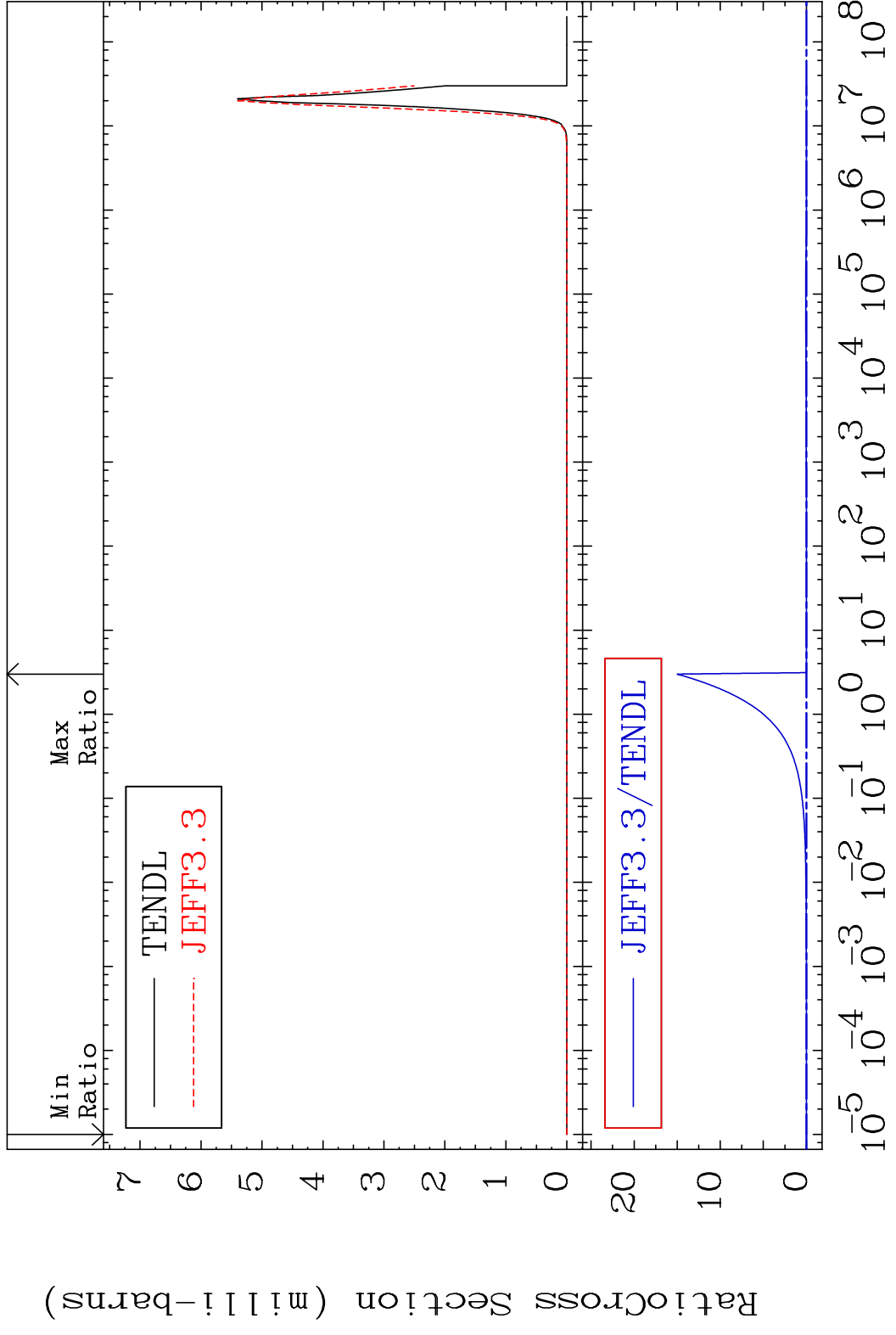


75 Incident Energy (eV) 53-I -127

MAT 5325 (n,  $\alpha$ ):51-Sb-124m1 53-I -127  
 Radionuclide Production Cross Section Ratio 9999. %

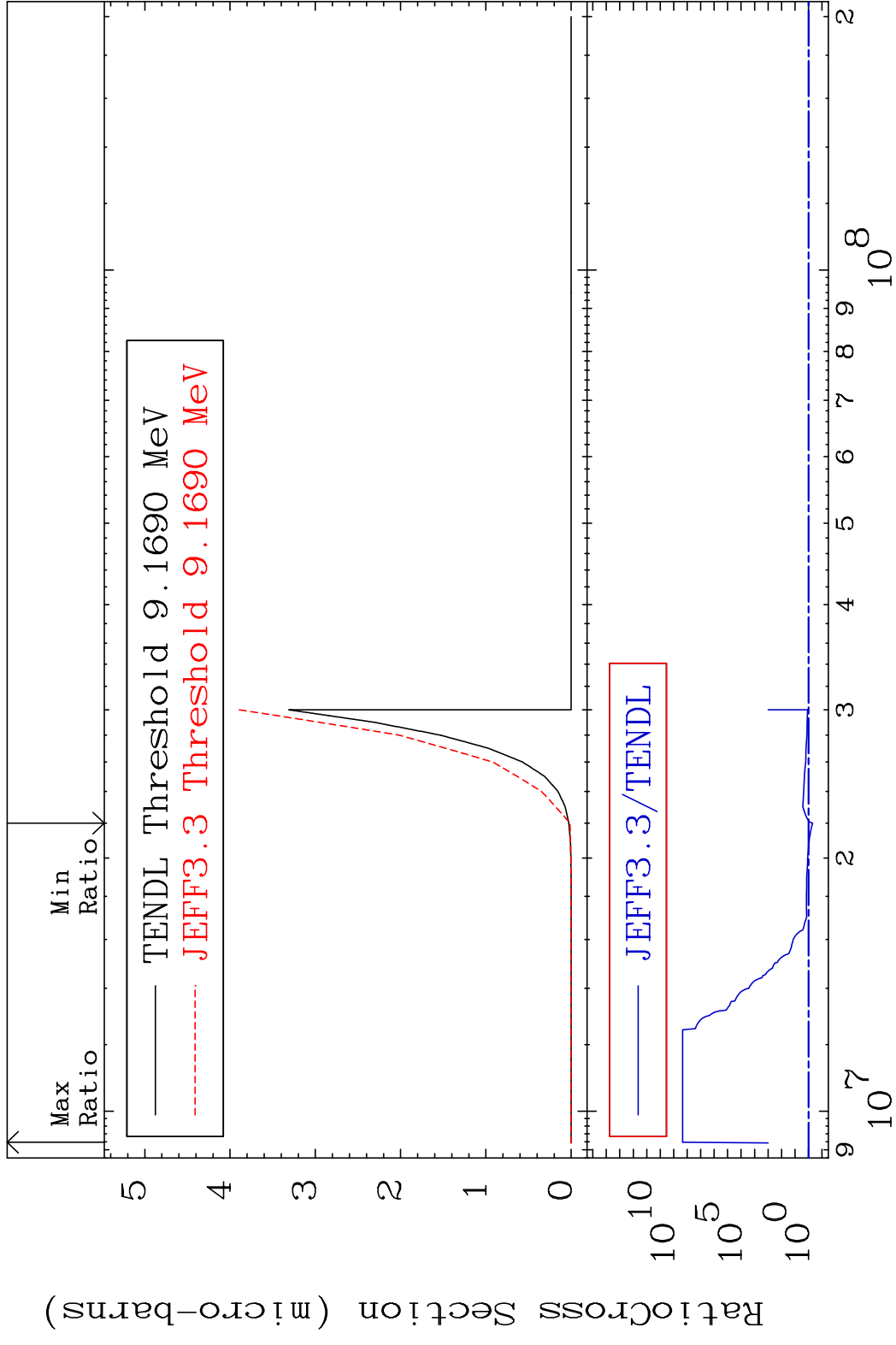


MAT 5325 (n,  $\alpha$ ):51-Sb-124m2 53-I -127  
 Radionuclide Production Cross Section 100.00 dth 9999. %

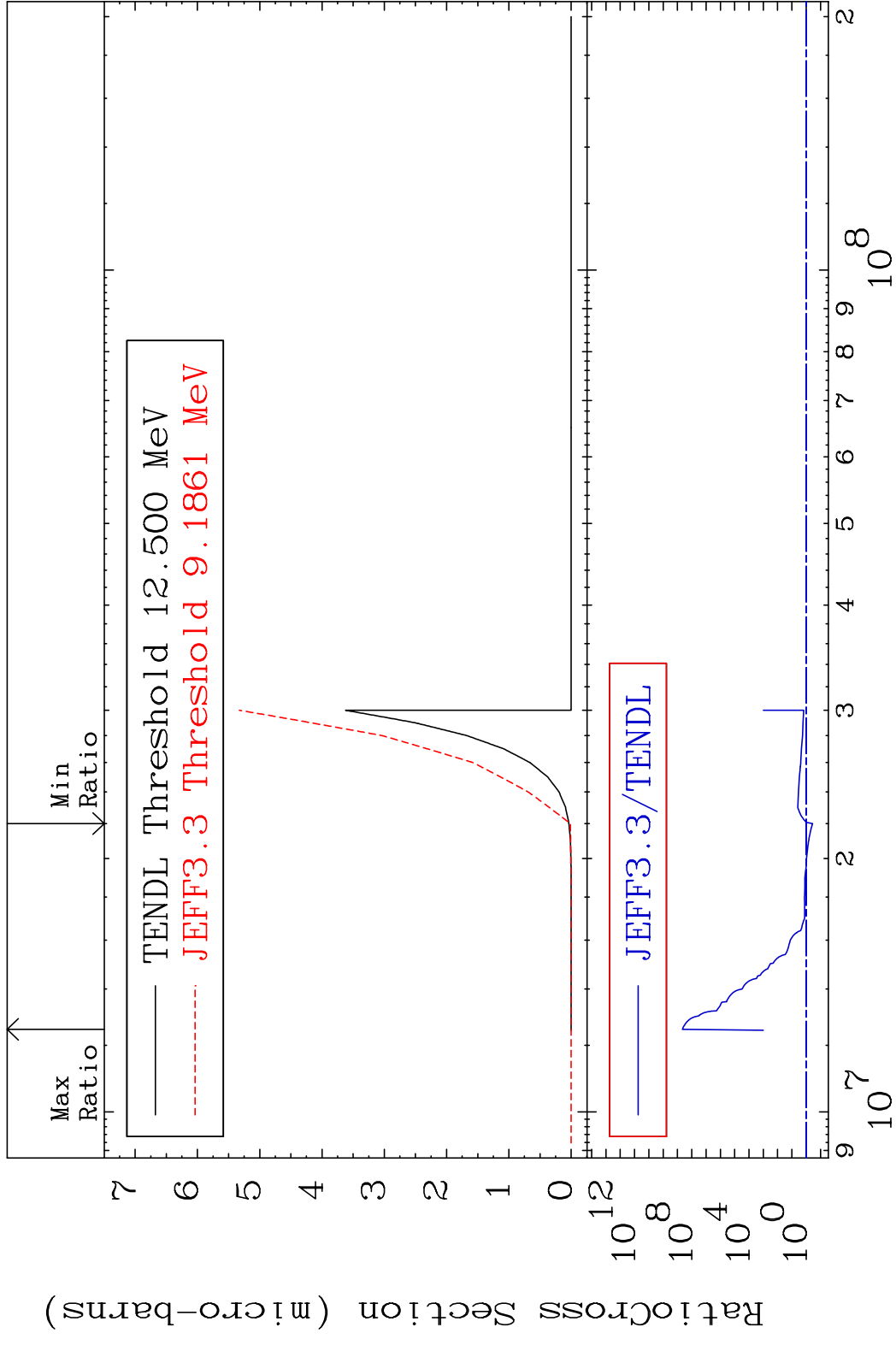


77 Incident Energy (eV) 53-I -127

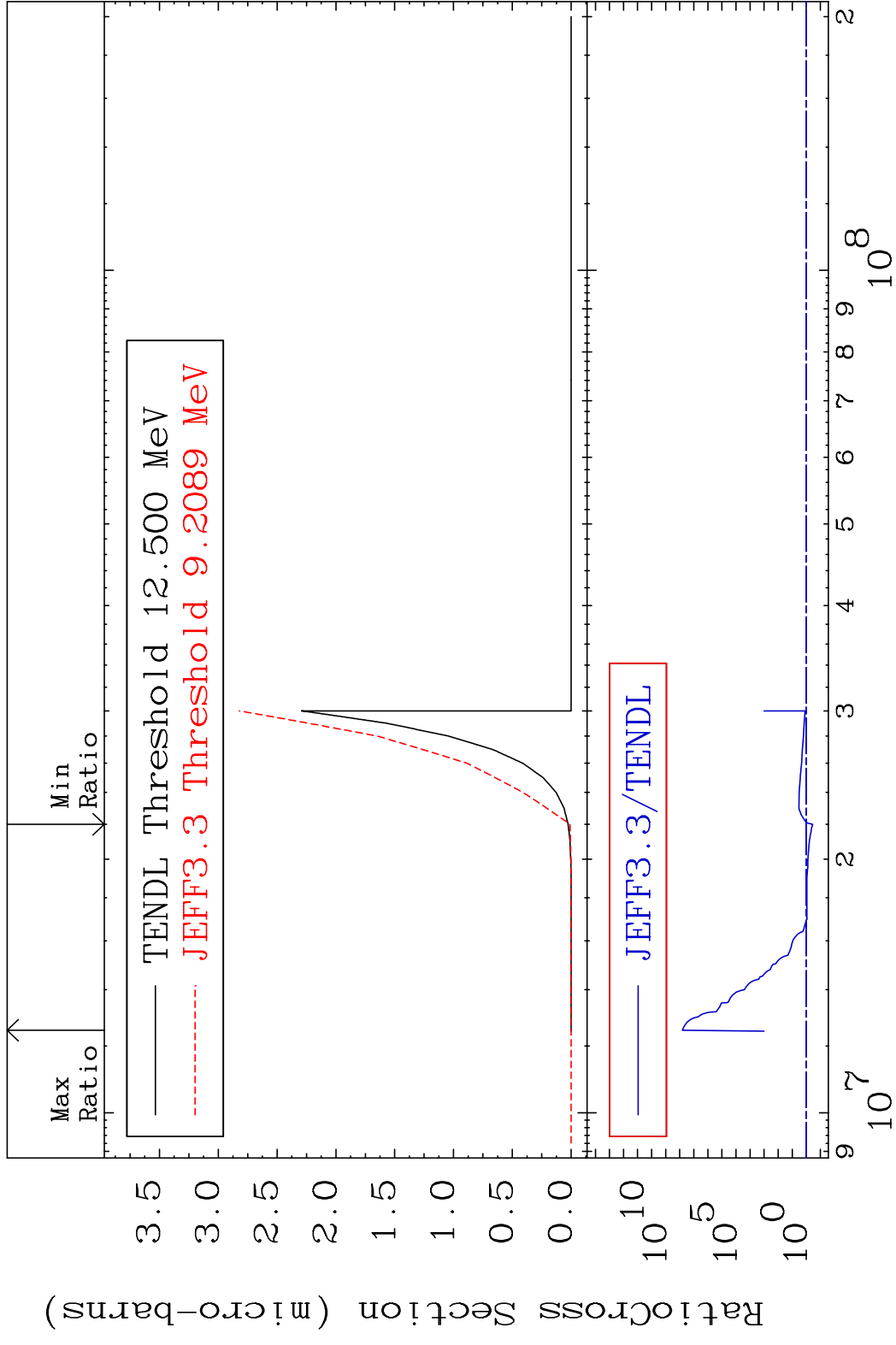
MAT 5325 (n,2p):51-Sb-126g 53-I -127  
 Radionuclide Production Cross Section 53-I -127



78 Incident Energy (eV) 53-I -127



MAT 5325 (n, 2p):51-Sb-126m2 53-I -127  
 Radionuclide Production Cross Section (micro-barns) 9999. %



80 Incident Energy (eV) 53-I -127

MAT 5325 (n,p)  $\alpha$ :50-Sn-123g 53-I -127  
 Radionuclide Production Cross Section (%) 9999. %

