

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

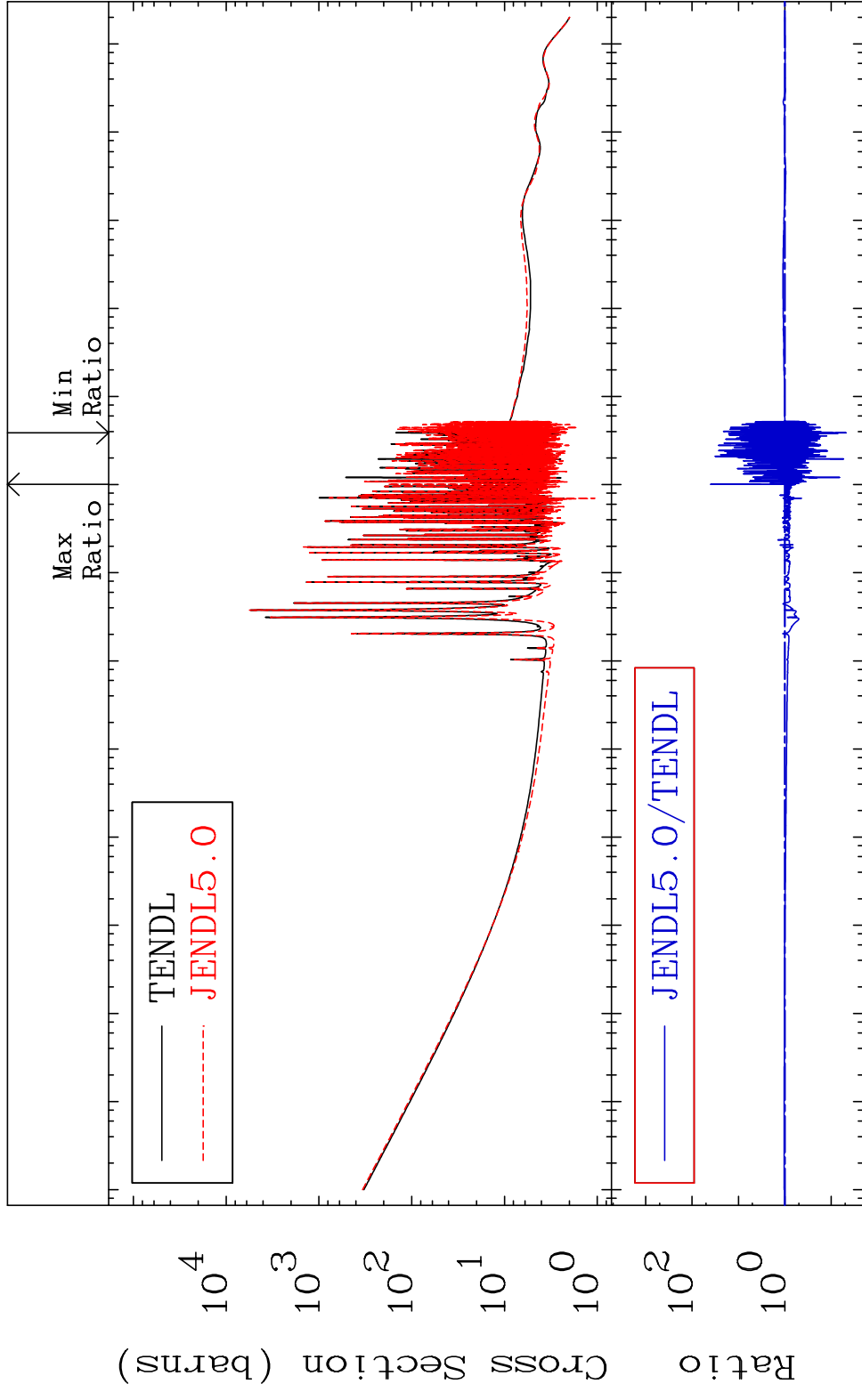
MAT 5325

Total

53-I -127

Cross Section

-95.26 To 3861. %



10⁴
10³
10²
10¹
10⁰
10²
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

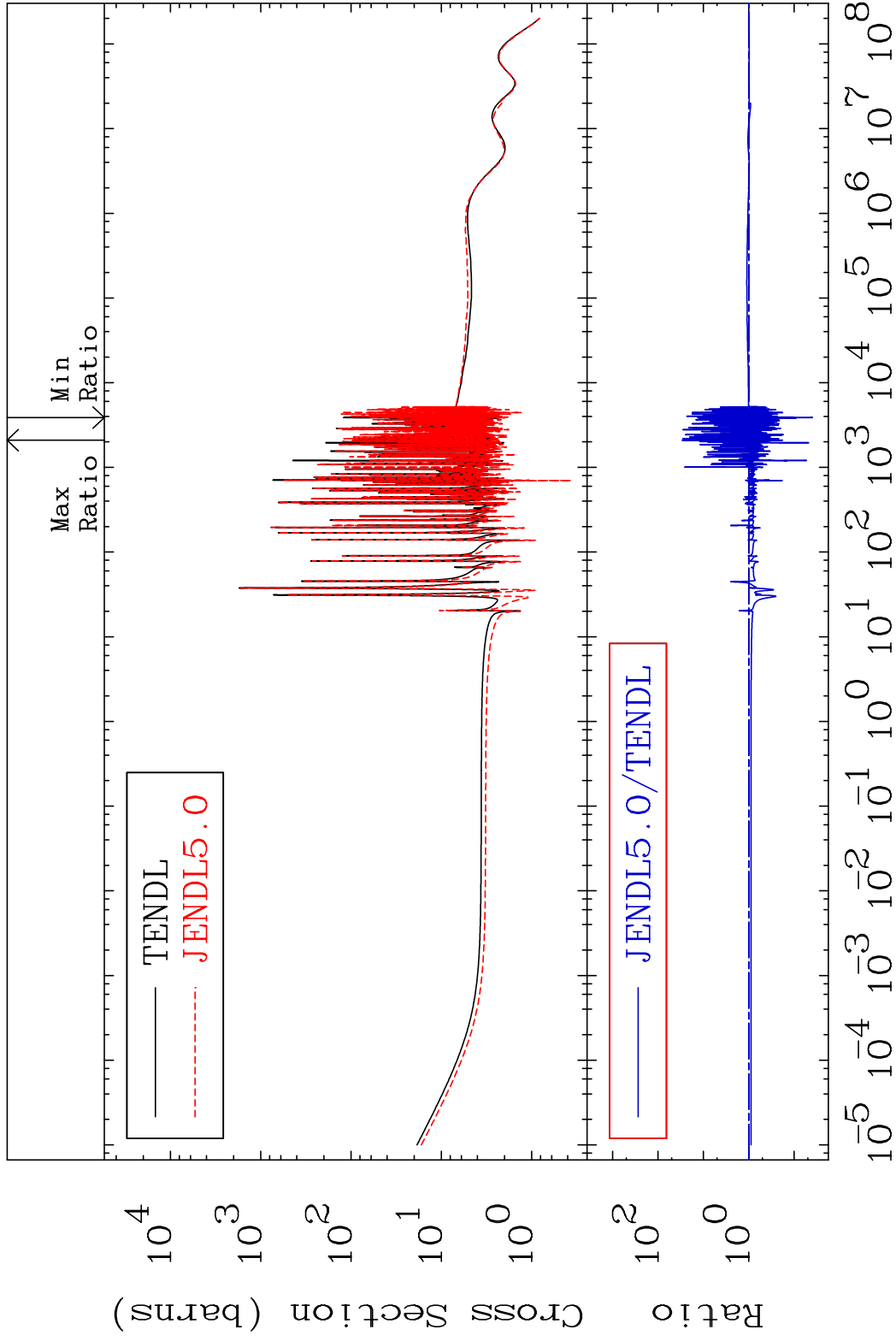
53-I -127

MAT 5325

Elastic

53-I -127

Cross Section -96.08 To 2806. %

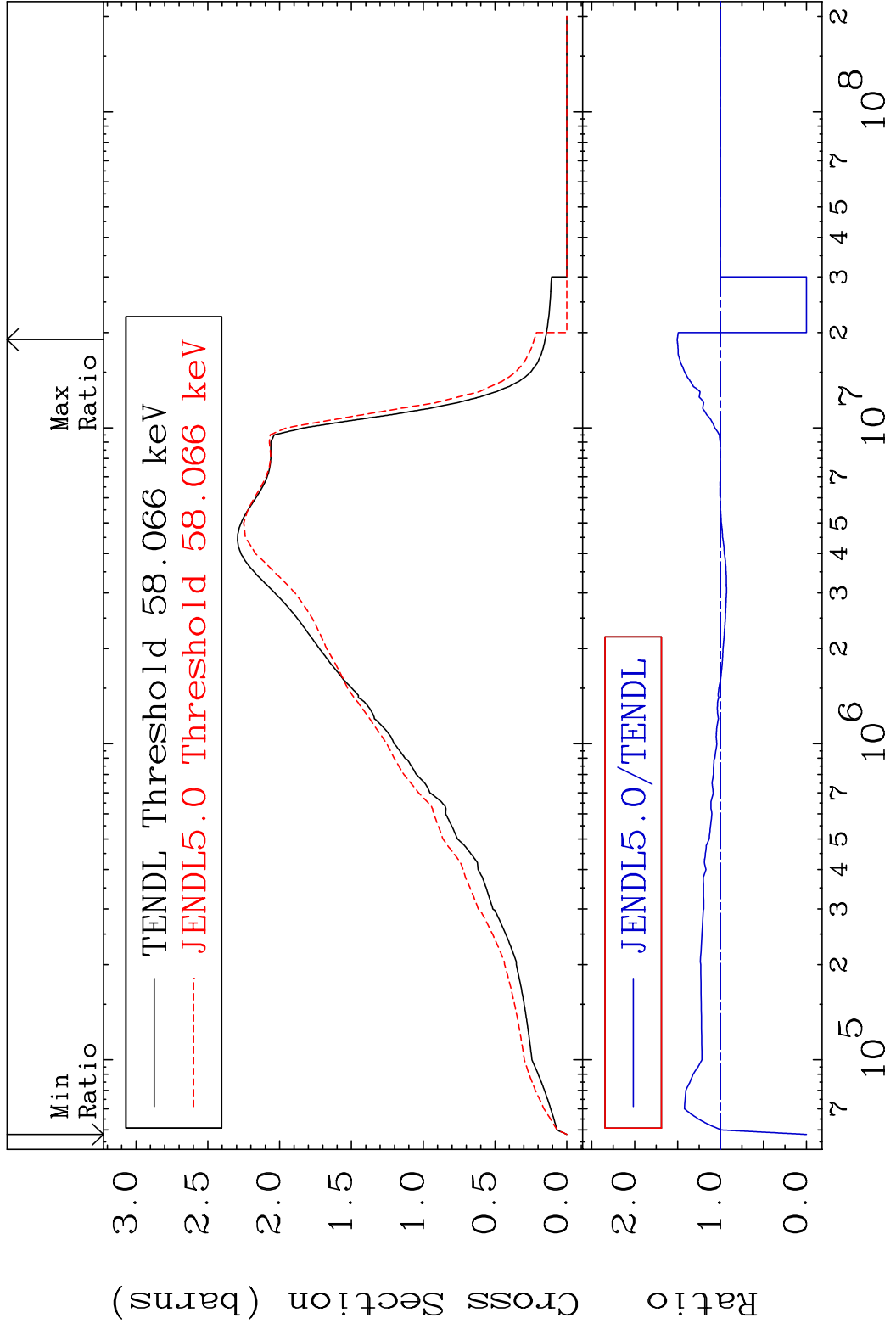


2

Incident Energy (eV)

53-I -127

MAT 5325 Inelastic 53-I -127
 Cross Section -100.0 To 50.49 %



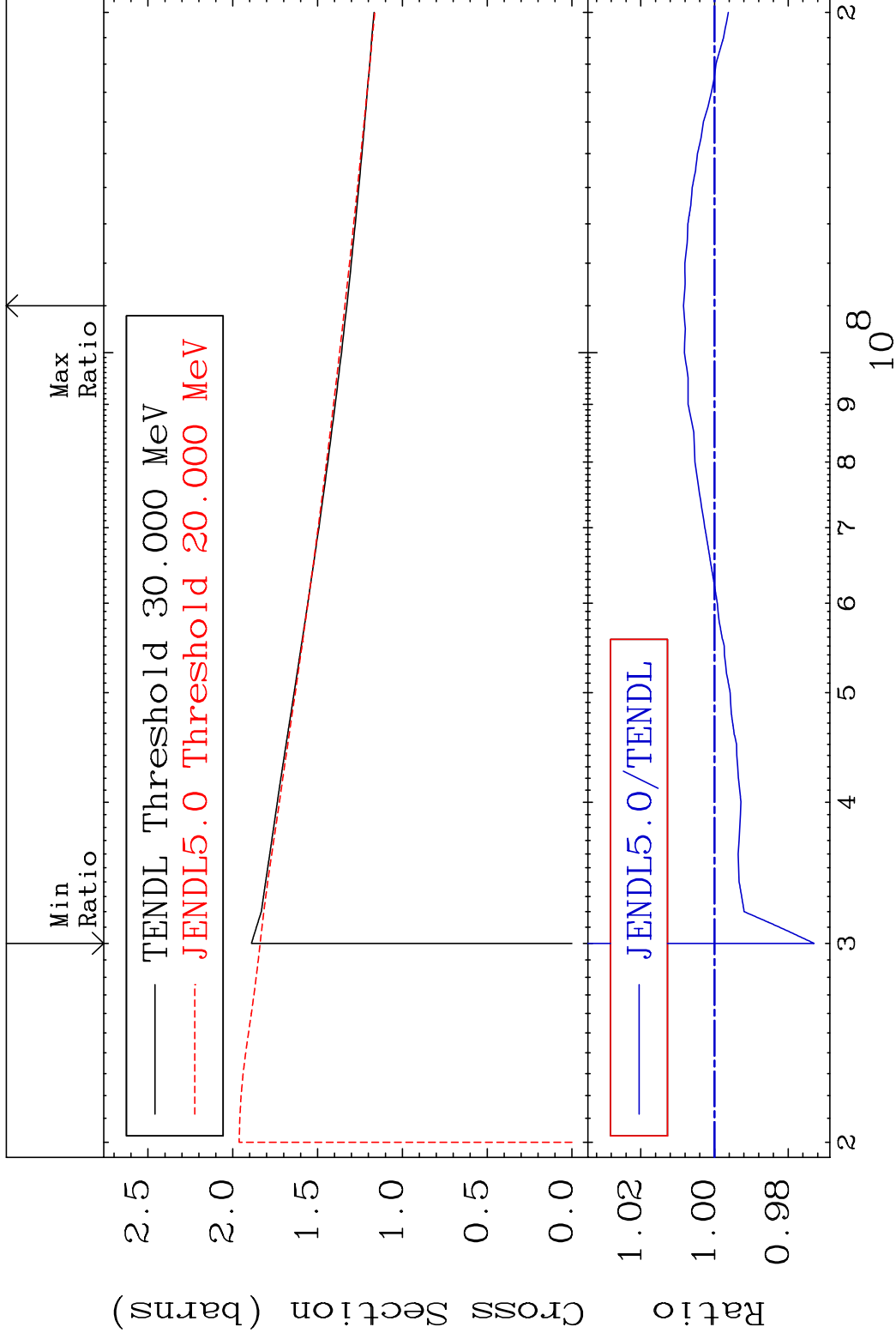
3 Incident Energy (eV) 53-I -127

MAT 5325

(n, remainder)

53-I -127

Cross Section -2.700 To 0.842 %



4

Incident Energy (eV)

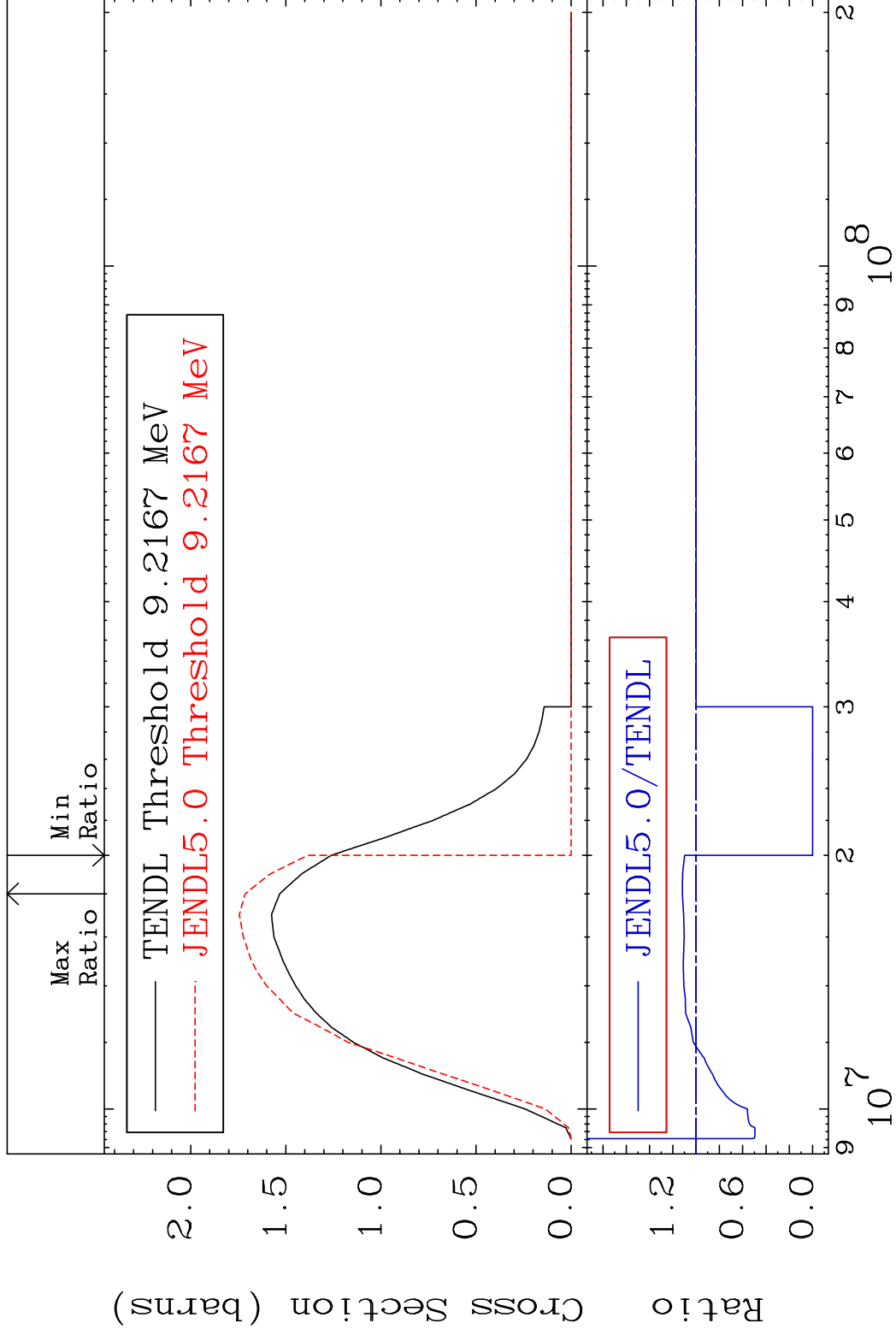
53-I -127

MAT 5325

(n,2n)

53-I -127

Cross Section -100.0 To 11.83 %



53-I -127

Incident Energy (eV)

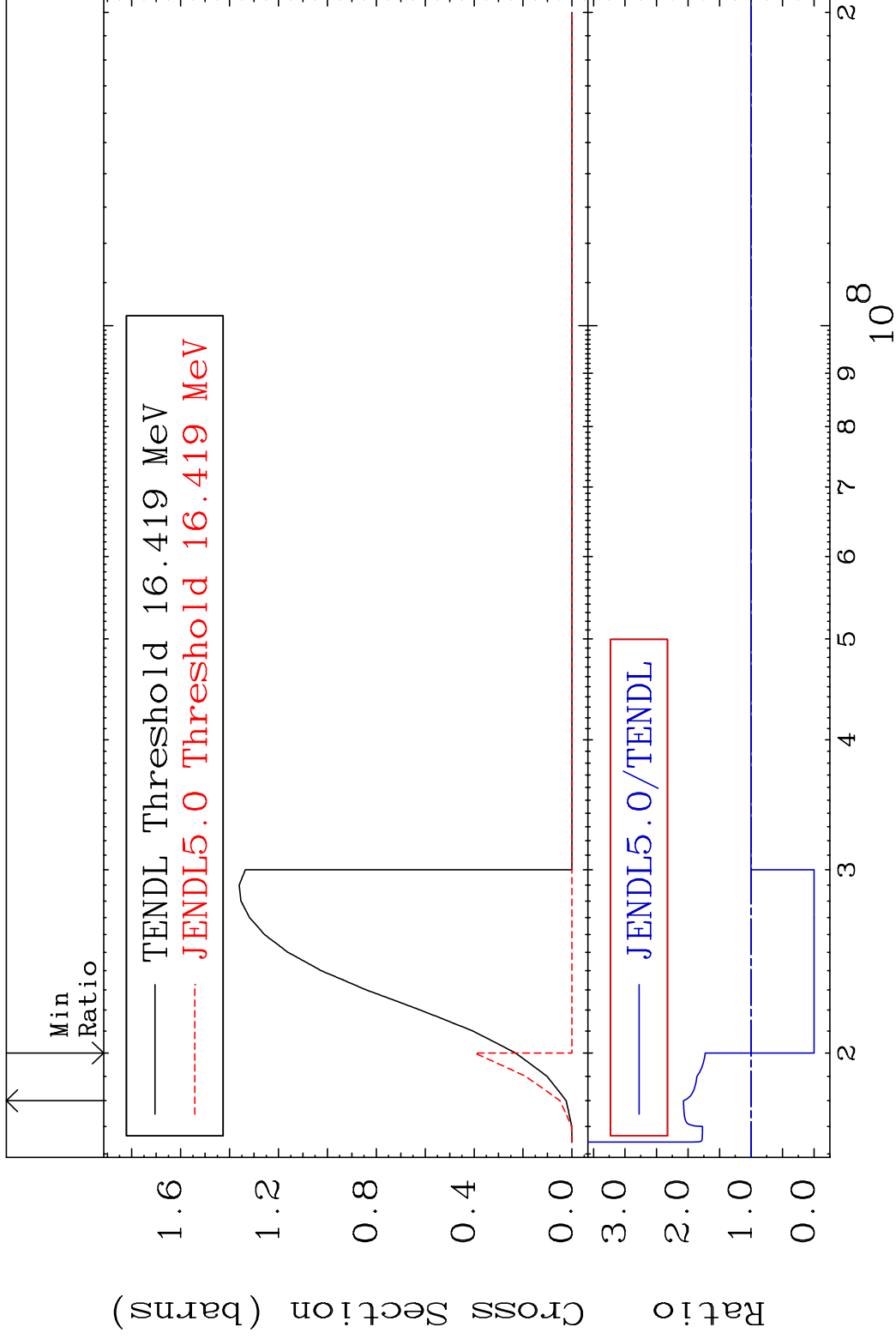
5

MAT 5325

(n,3n)

53-I -127

Cross Section -100.0 To 107.3 %

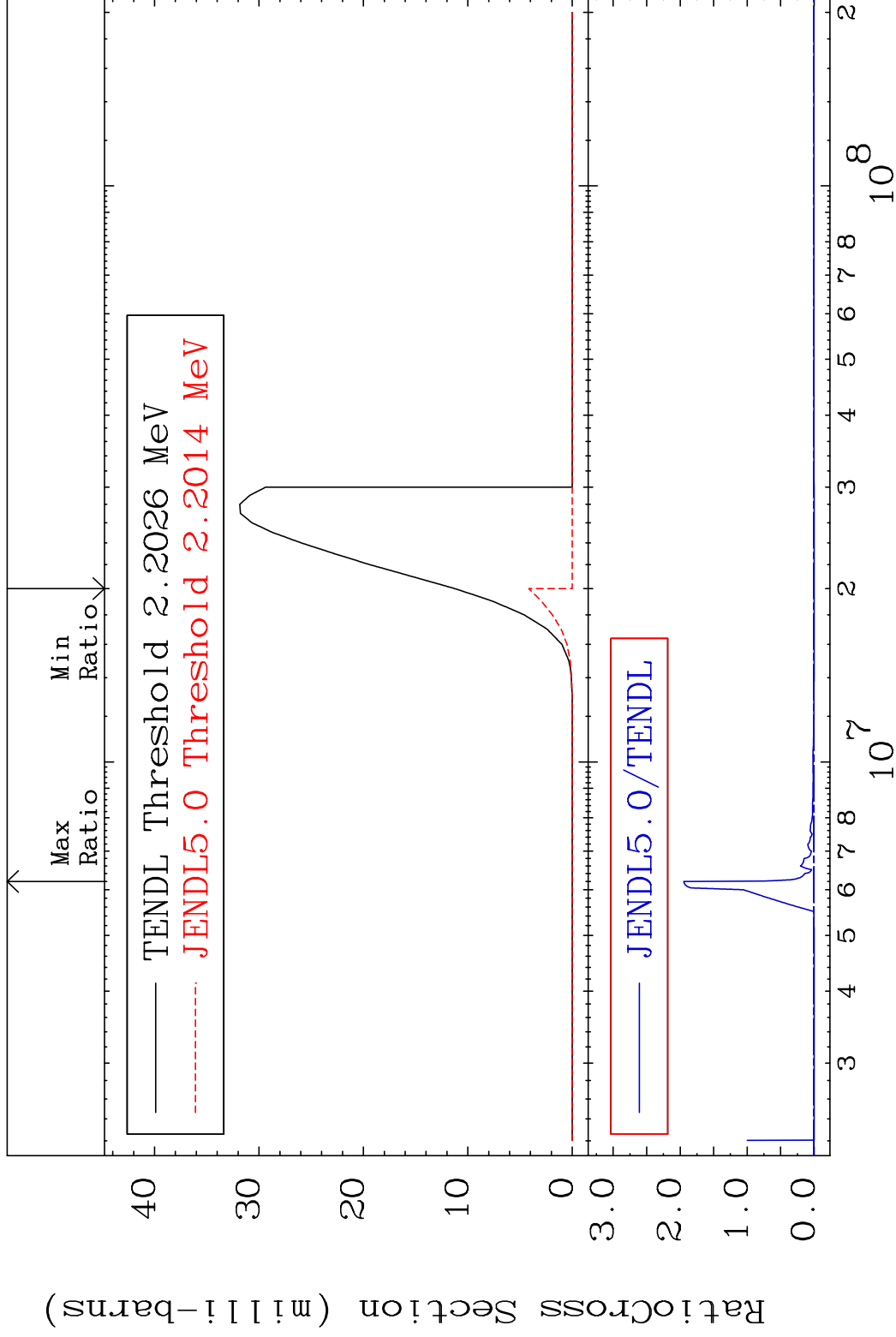


MAT 5325

(n, n') α

53-I -127

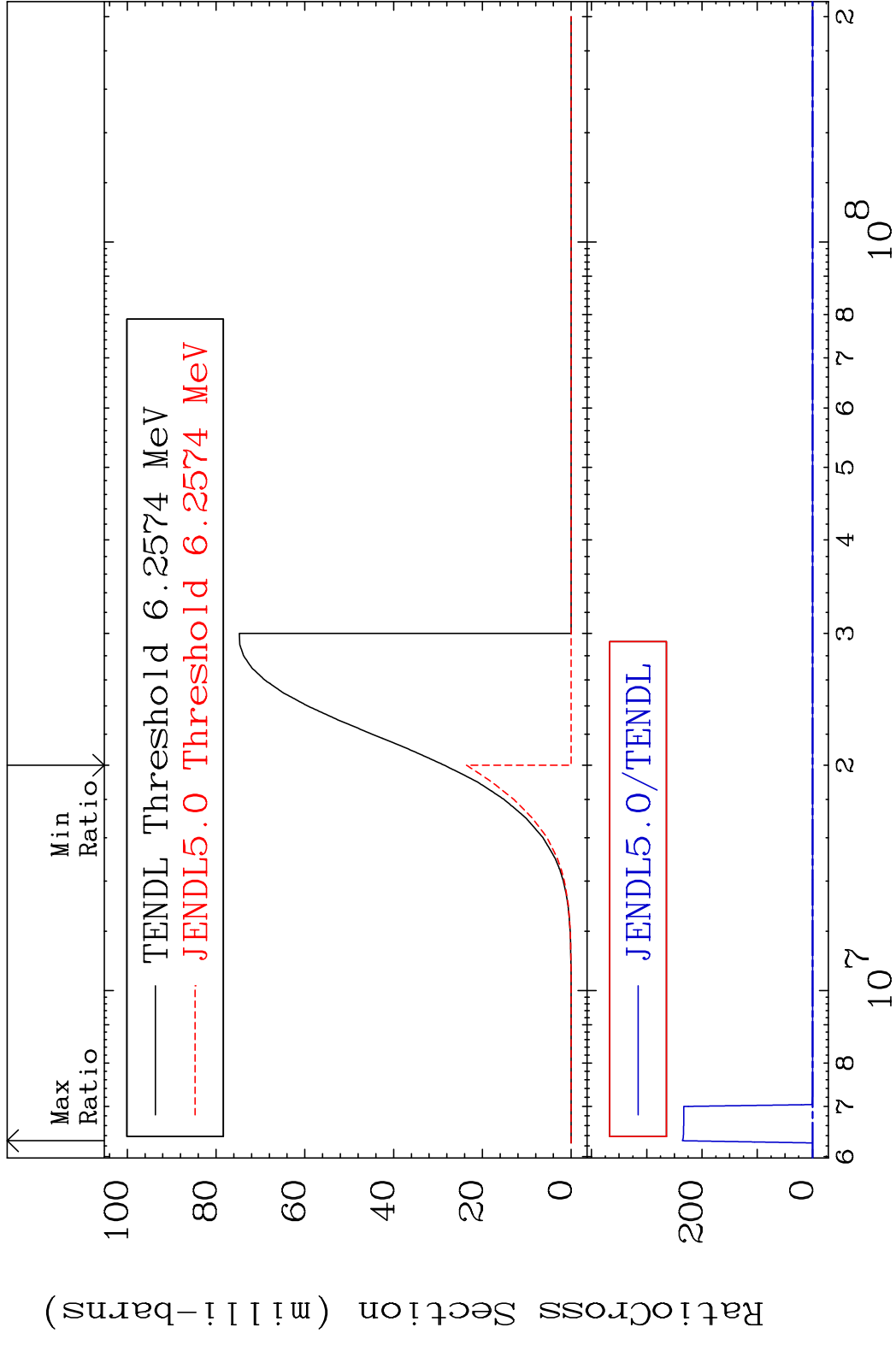
Cross Section -100.0 To 9999. %



MAT 5325

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

Cross Section -100.0 To 9999. %



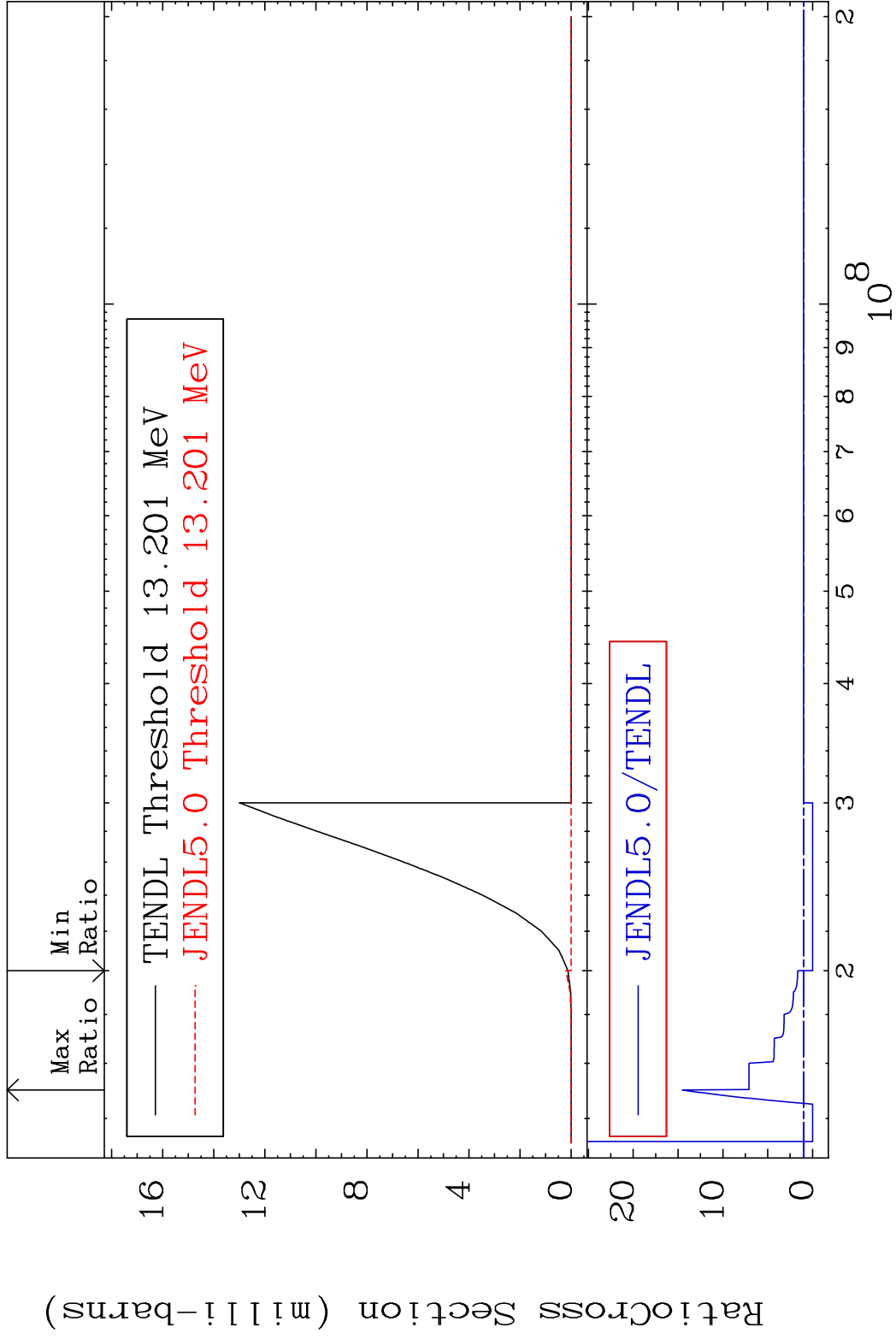
8 Incident Energy (eV) 53-I -127

MAT 5325

(n, n') d

53-I -127

Cross Section -100.0 To 1352. %



9

Incident Energy (eV)

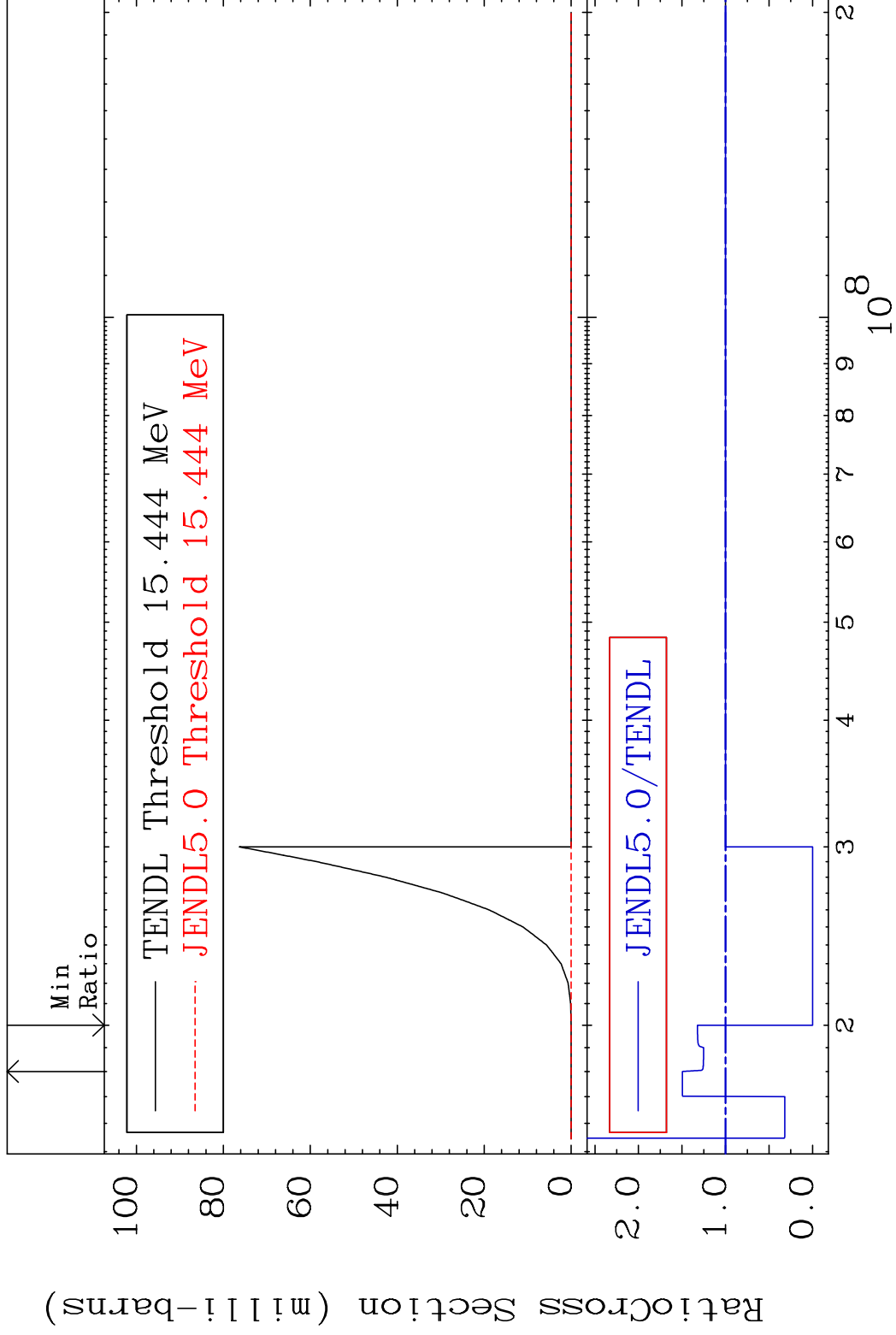
53-I -127

MAT 5325

(n,2n) p

53-I -127

Cross Section -100.0 To 49.58 %

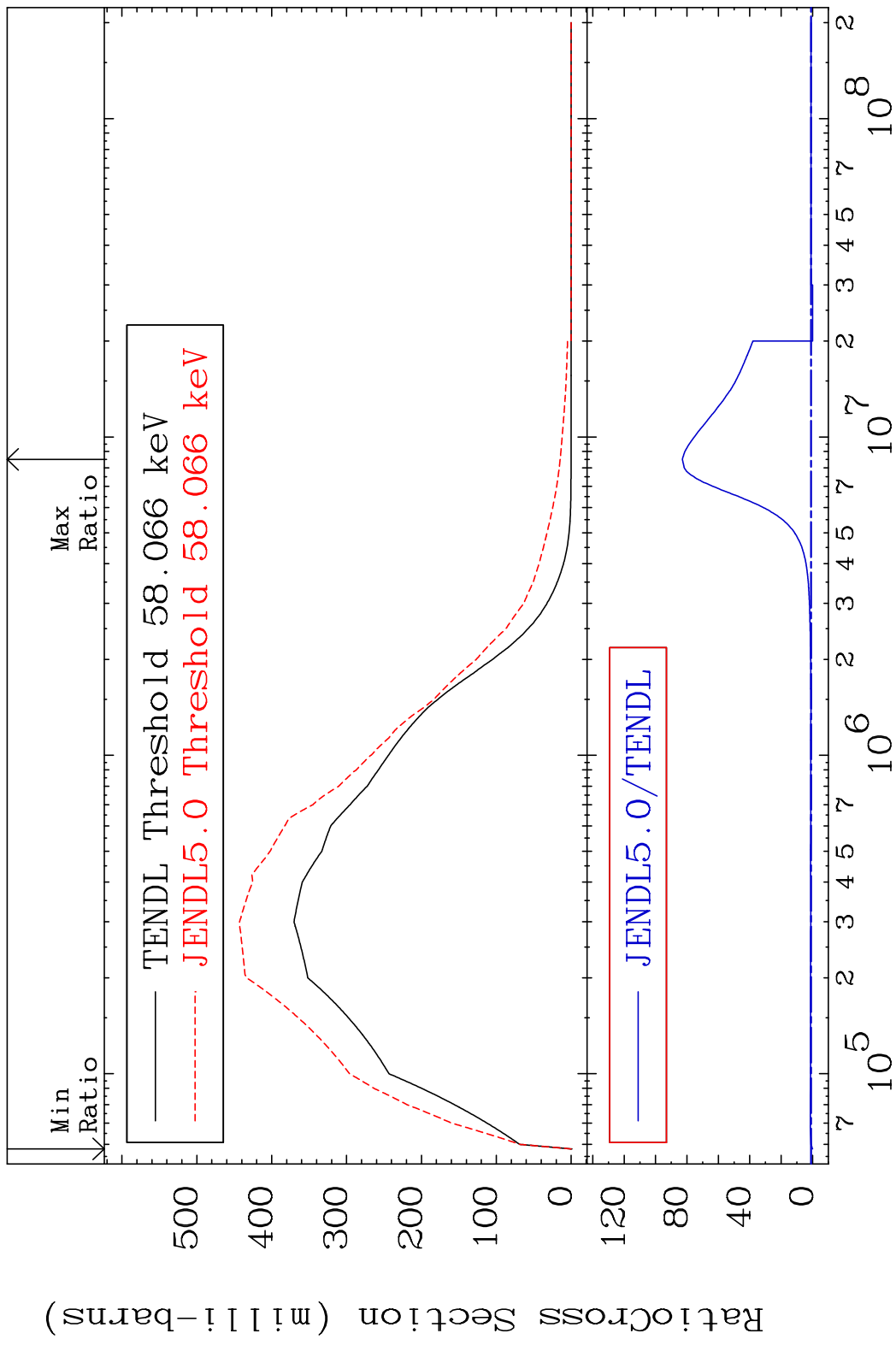


10

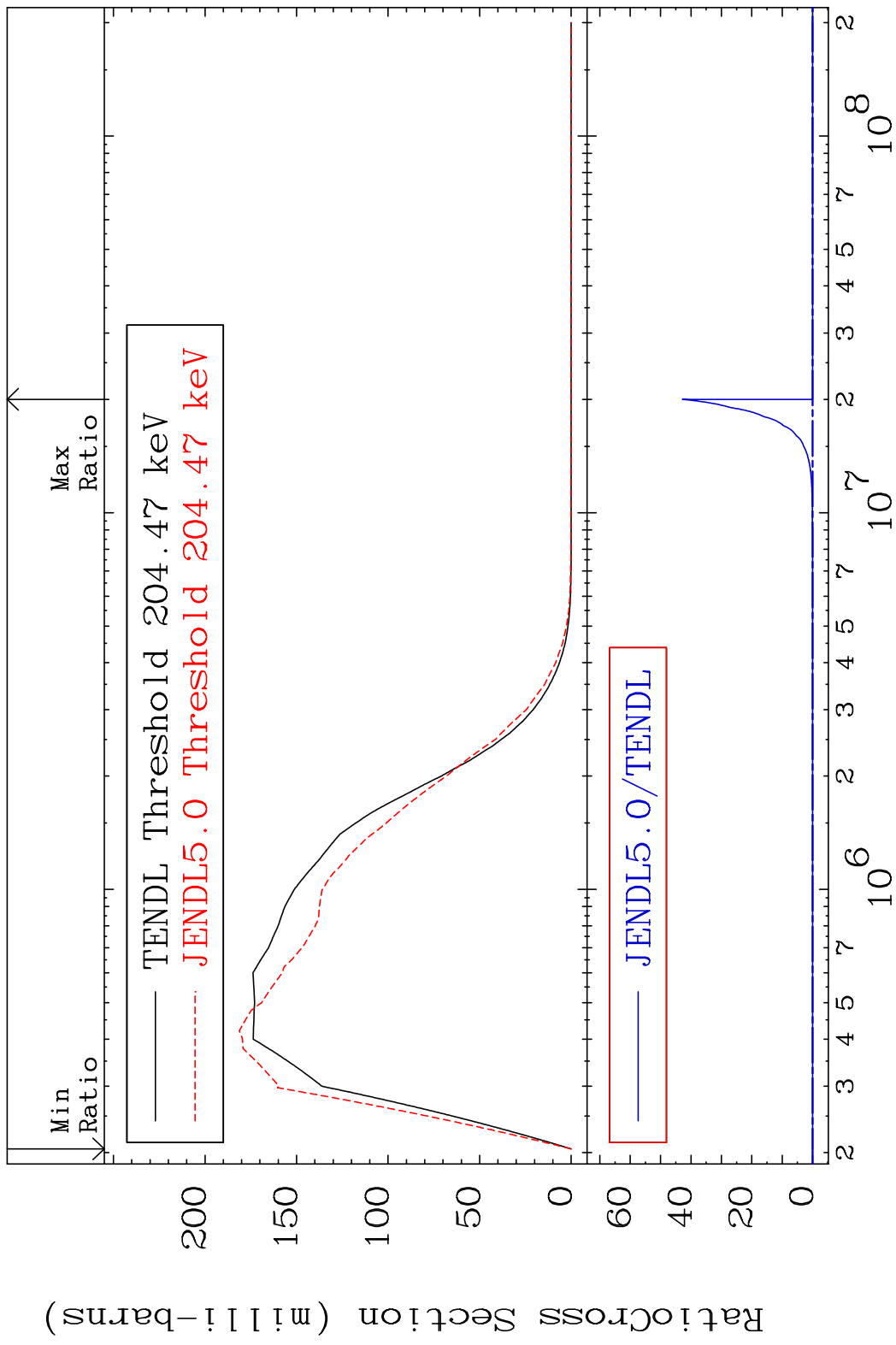
Incident Energy (eV)

53-I -127

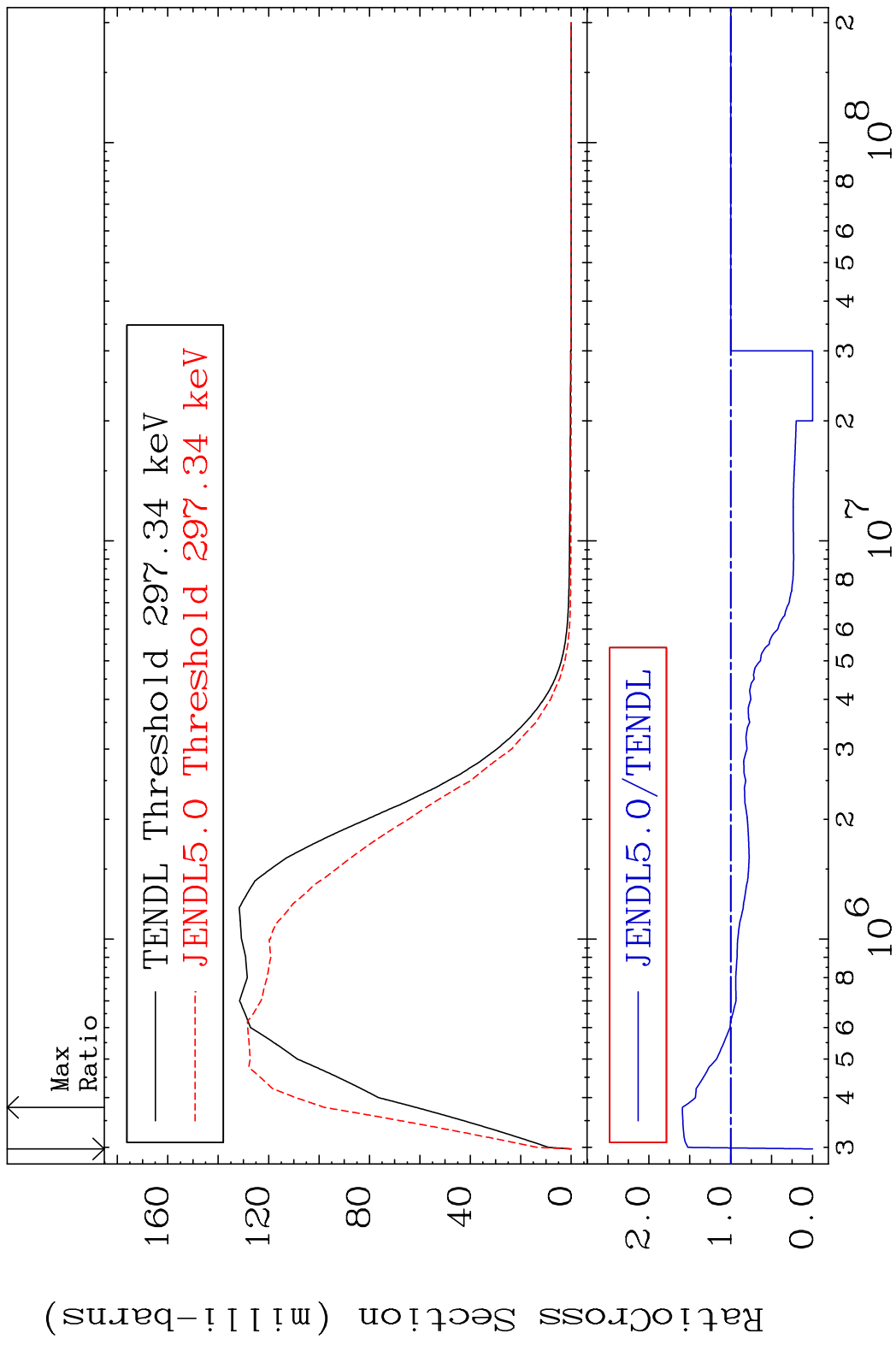
MAT 5325 MT= 51 (n, n') Level 53-I -127
 Cross Section -100.0 To 8194. %



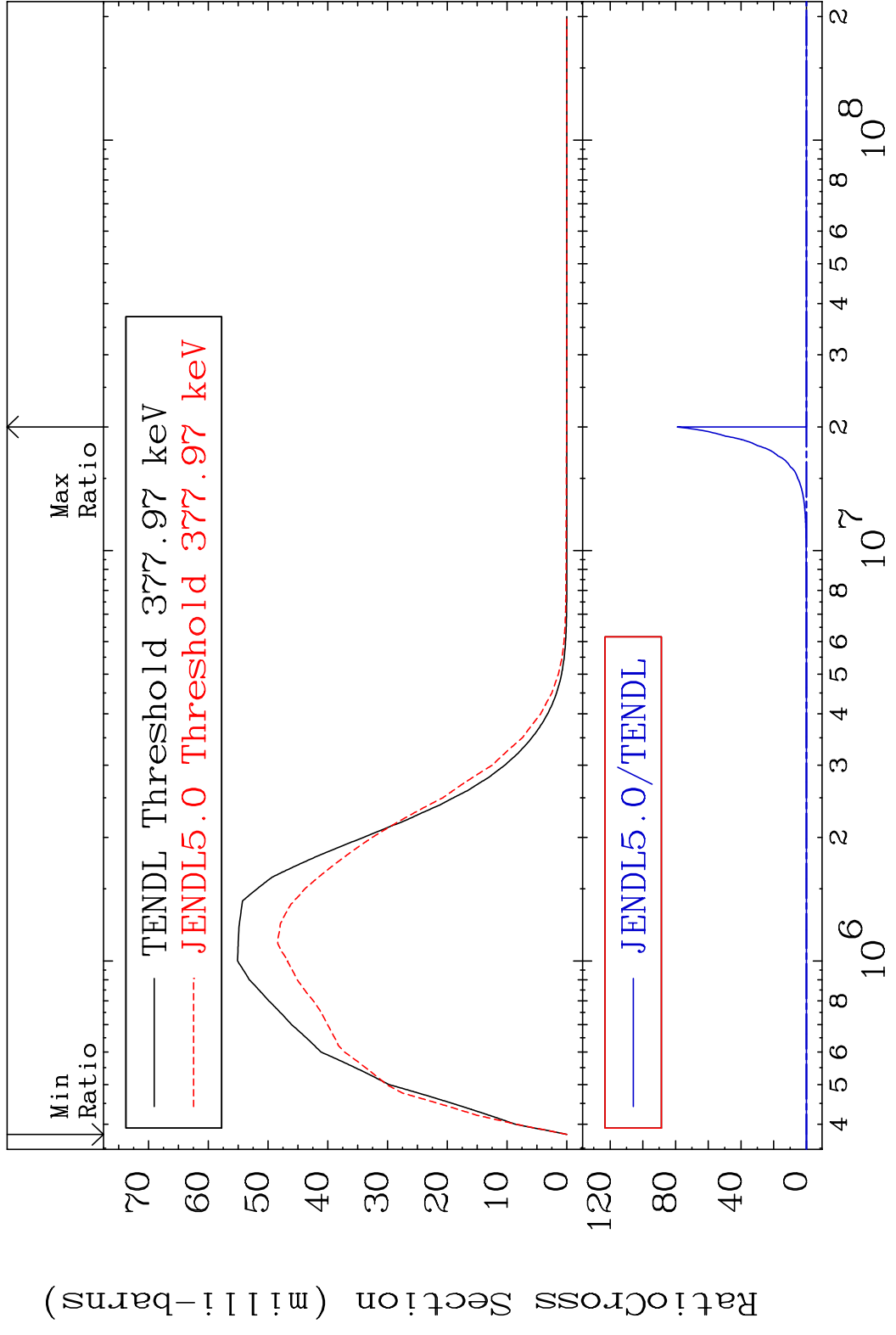
MAT 5325 MT= 52 (n,n') Level 53-I -127
 Cross Section -100.0 To 9999. %



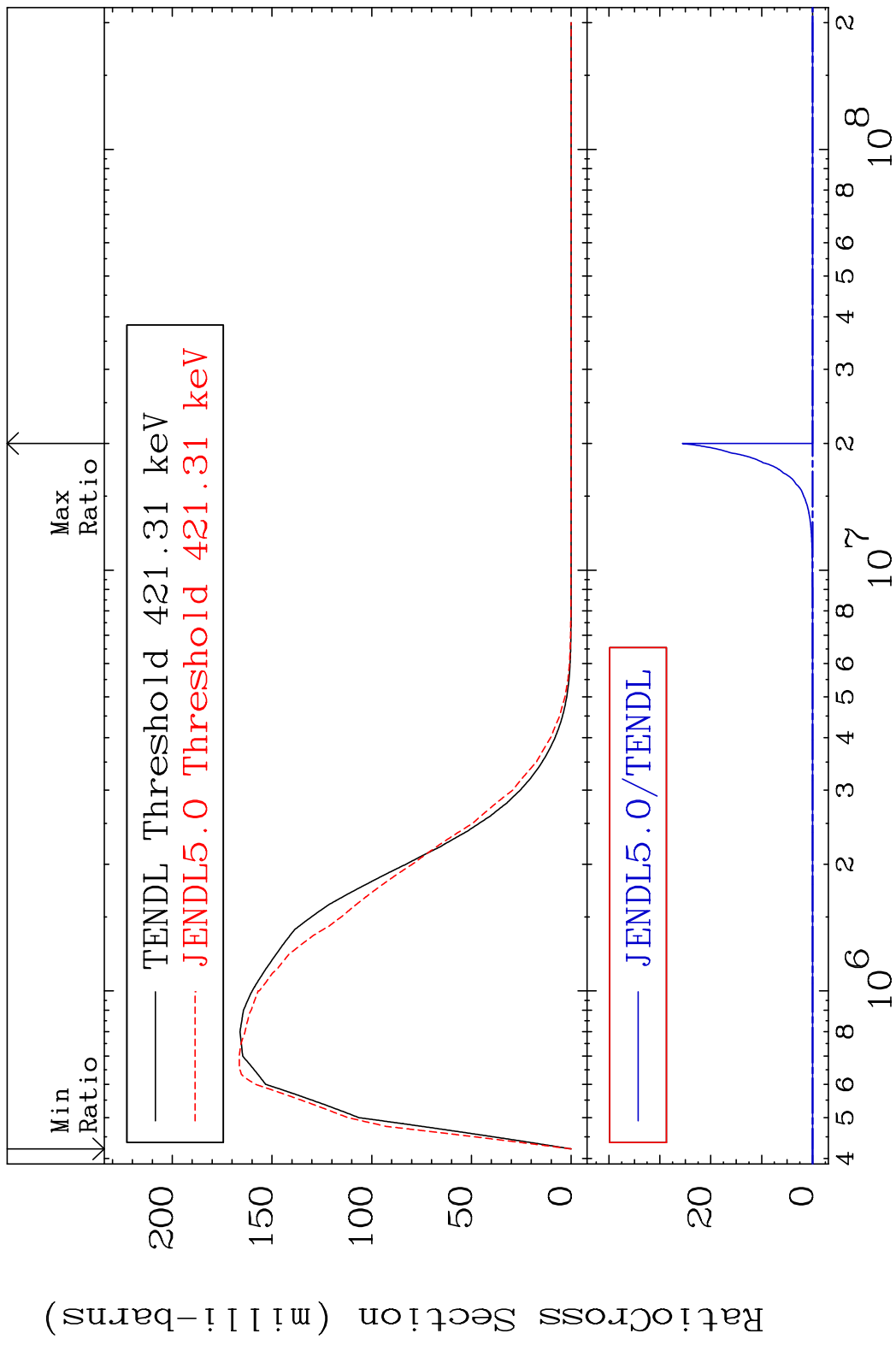
MAT 5325 MT= 53 (n,n') Level 53-I -127
 Cross Section -100.0 To 59.07 %



MAT 5325 MT= 54 (n,n') Level 53-I -127
 Cross Section -100.0 To 9999. %

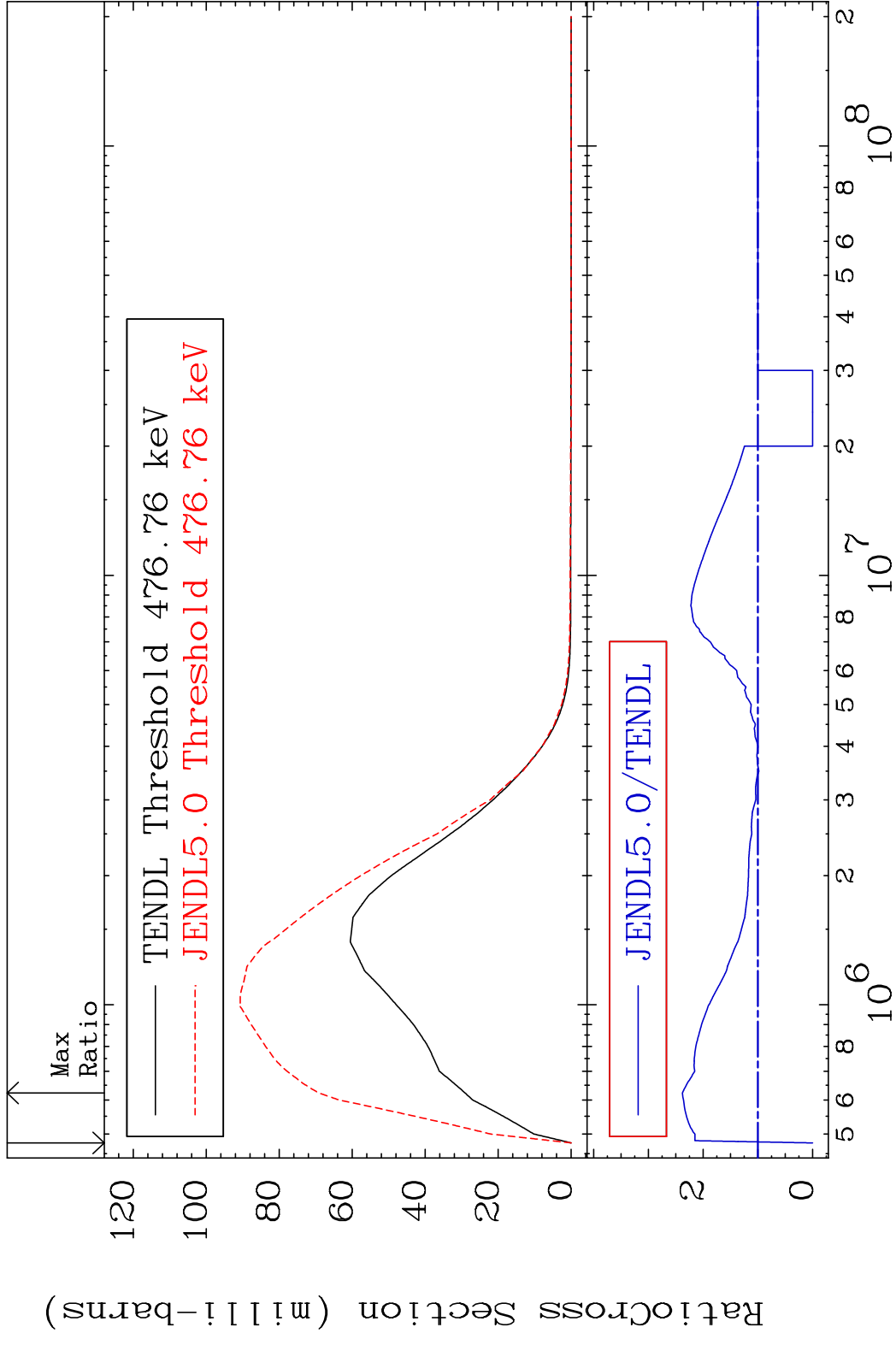


MAT 5325 MT= 55 (n, n') Level 53-I -127
 Cross Section -100.0 To 9999. %

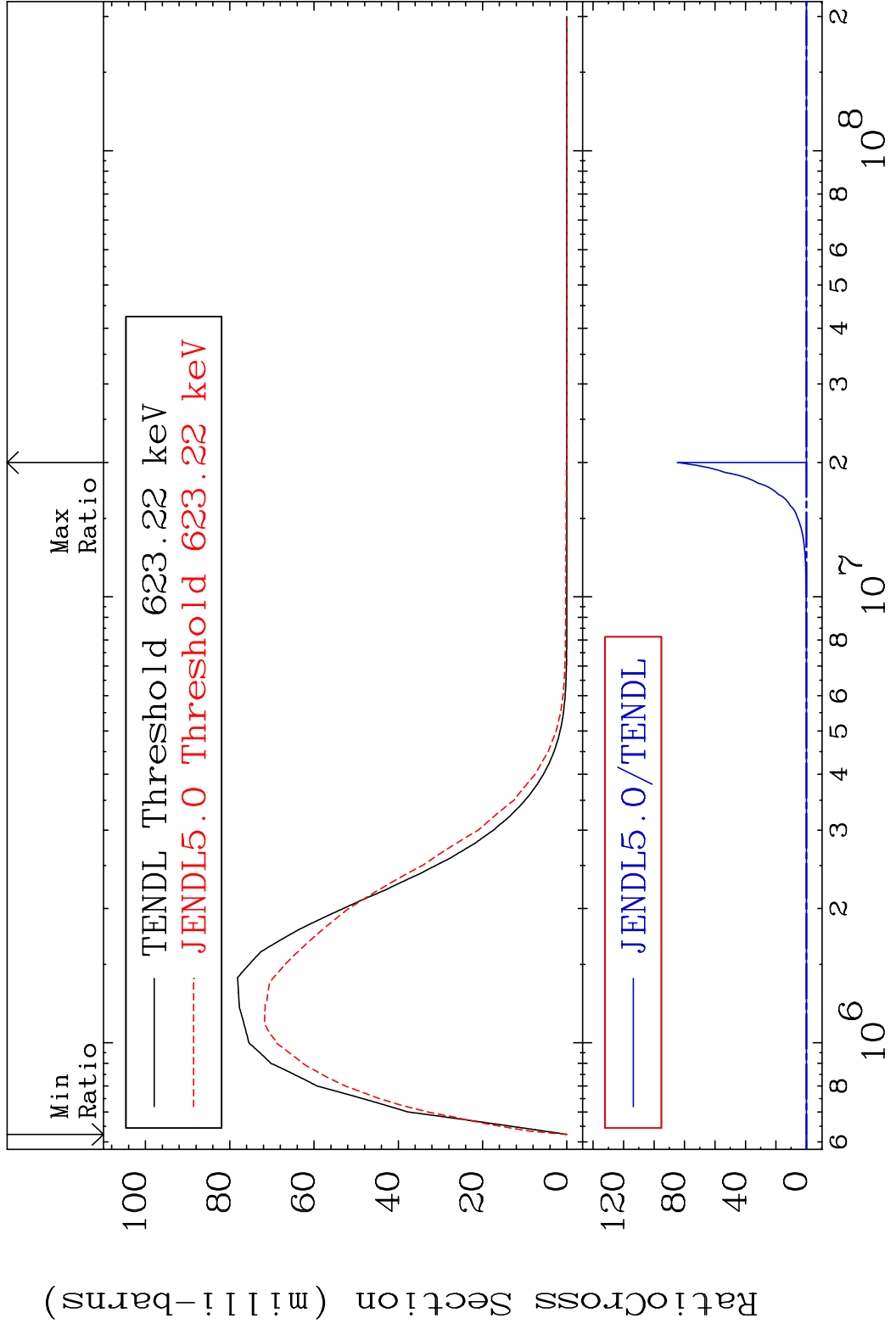


15 Incident Energy (eV) 53-I -127

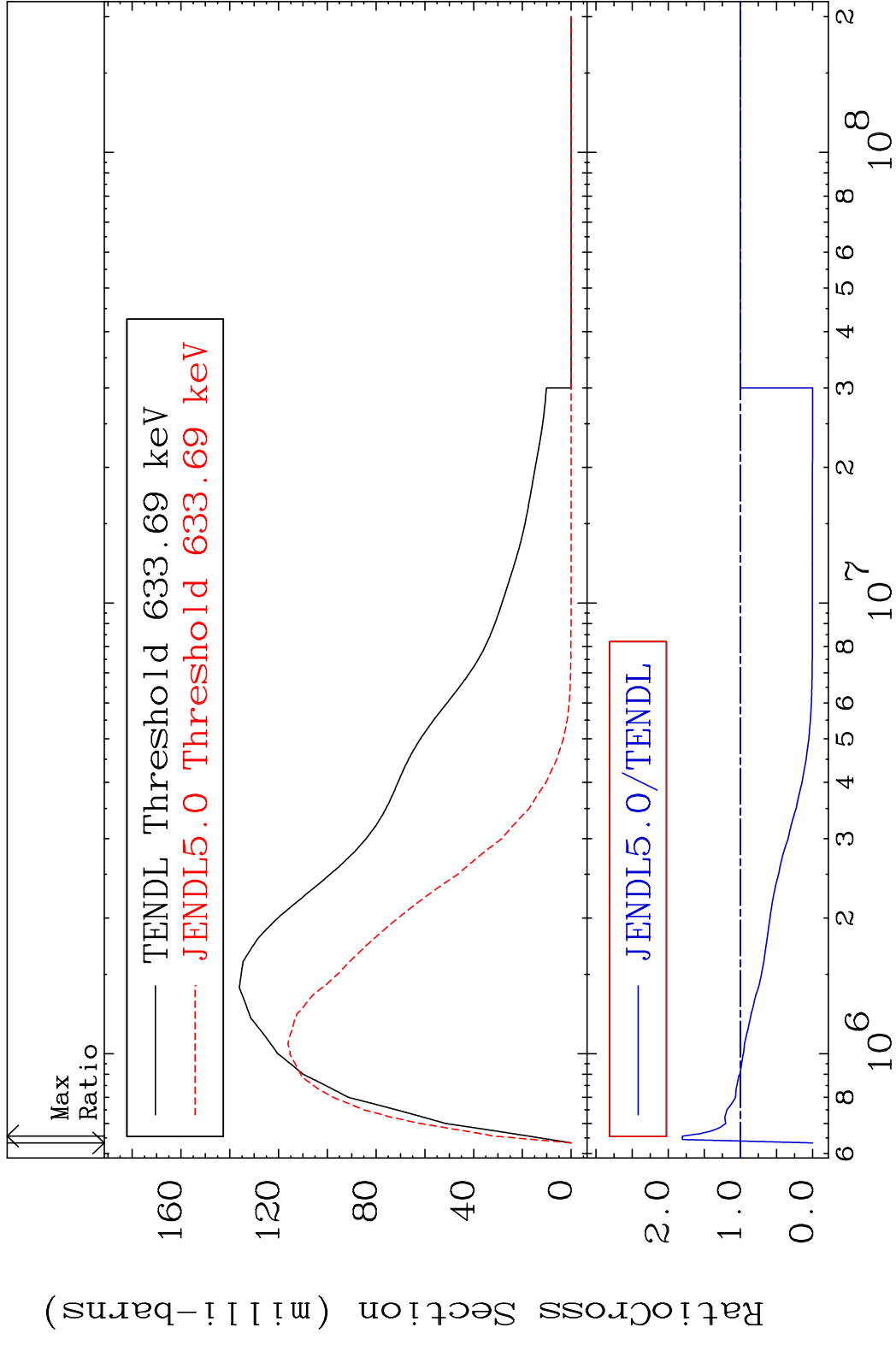
MAT 5325 MT= 56 (n,n') Level 53-I -127
 Cross Section -100.0 To 137.9 %



MAT 5325 MT= 57 (n, n') Level 53-I -127
 Cross Section -100.0 To 9999. %

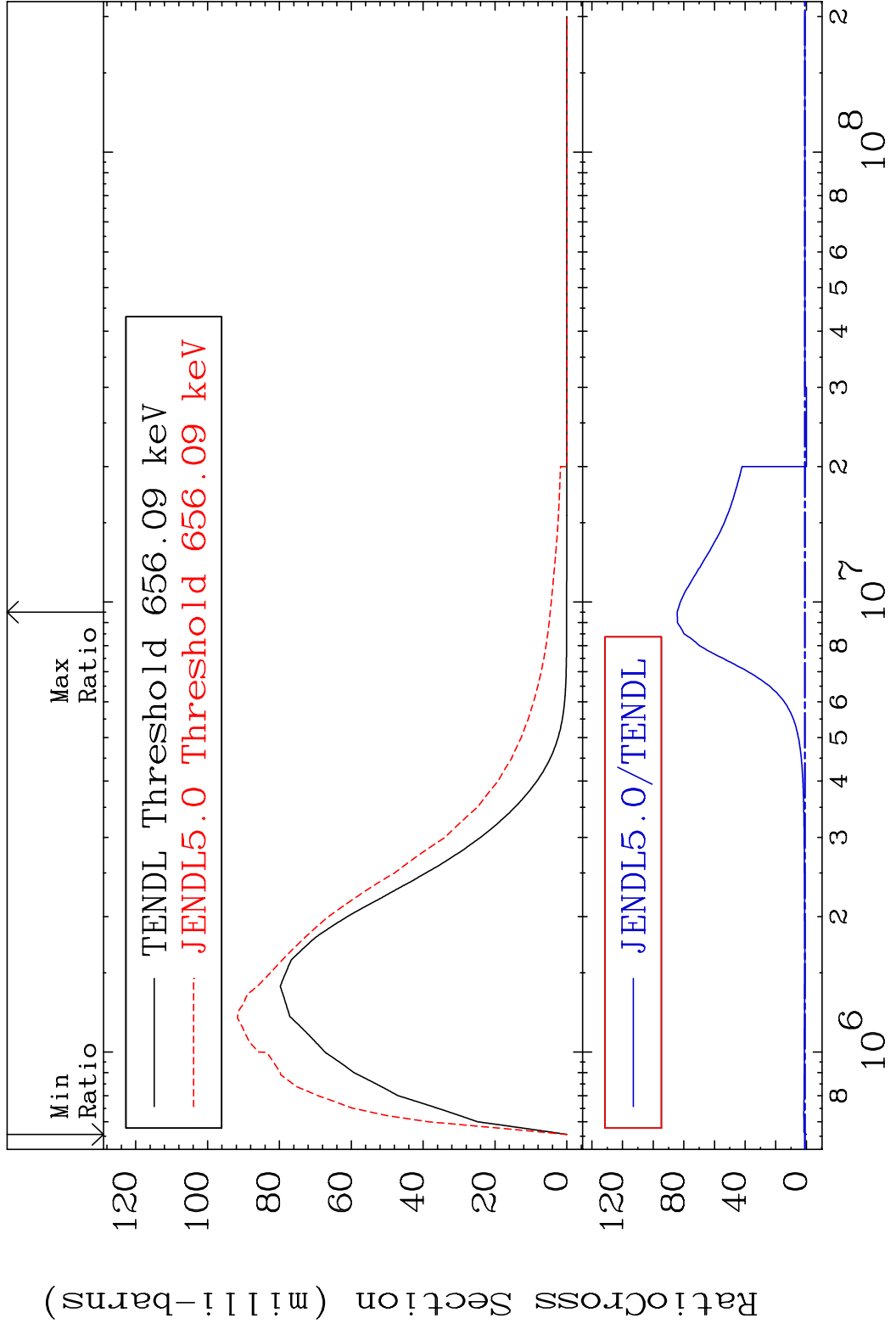


MAT 5325 MT= 58 (n,n') Level 53-I -127
 Cross Section -100.0 To 80.38 %

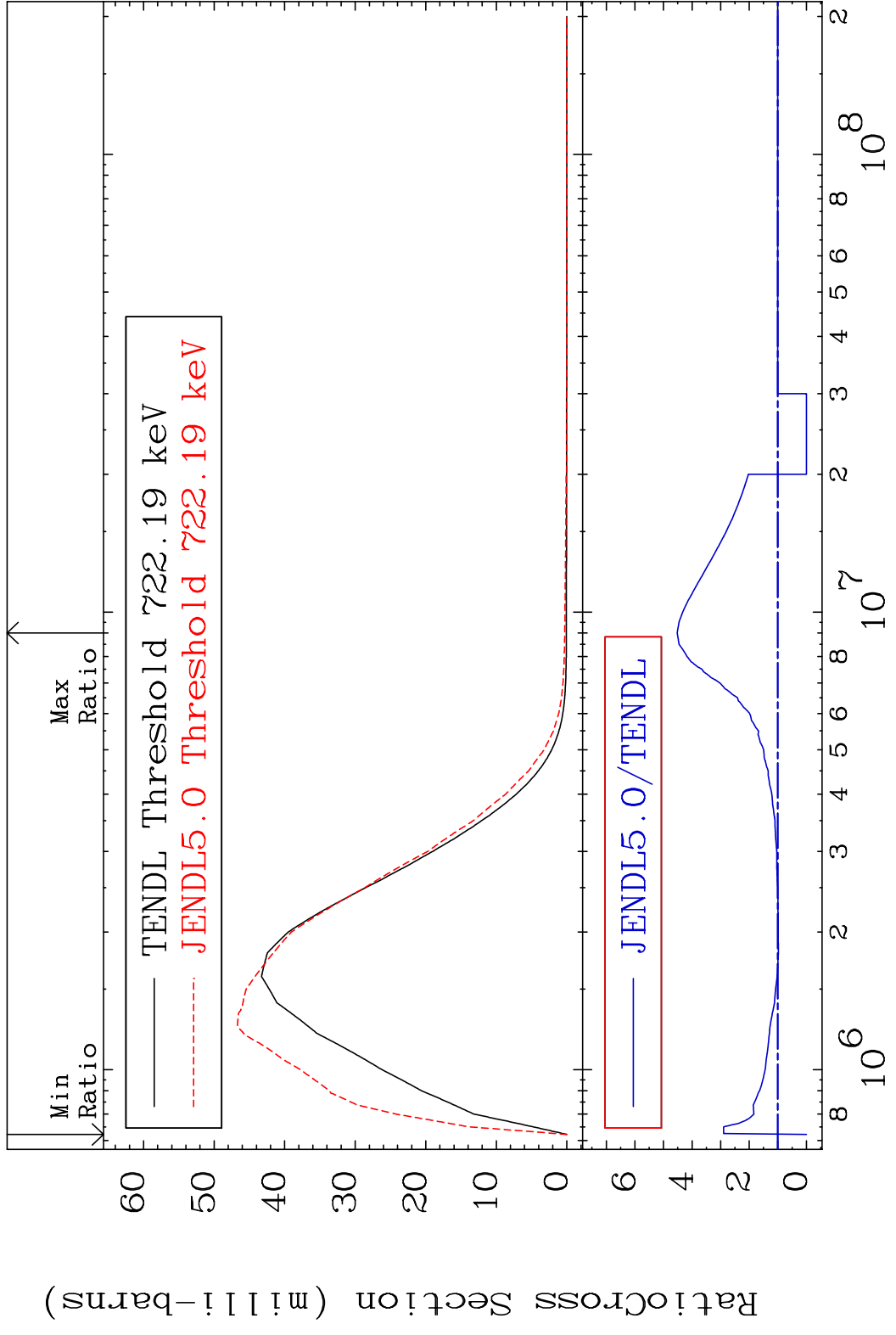


18 Incident Energy (eV) 53-I -127

MAT 5325 MT= 59 (n,n') Level 53-I -127
 Cross Section -100.0 To 8334. %

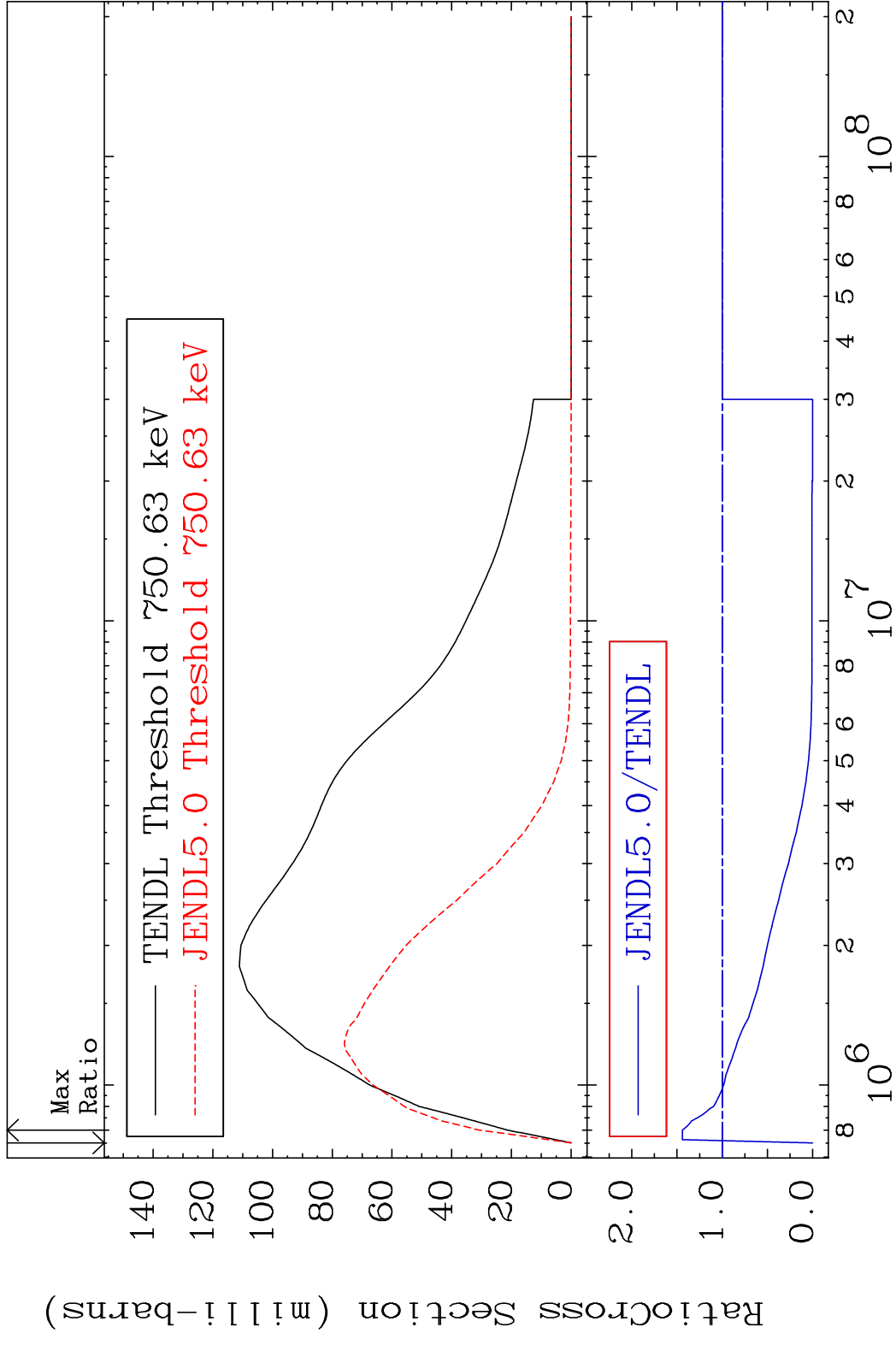


MAT 5325 MT= 60 (n,n') Level 53-I -127
 Cross Section -100.0 To 352.0 %

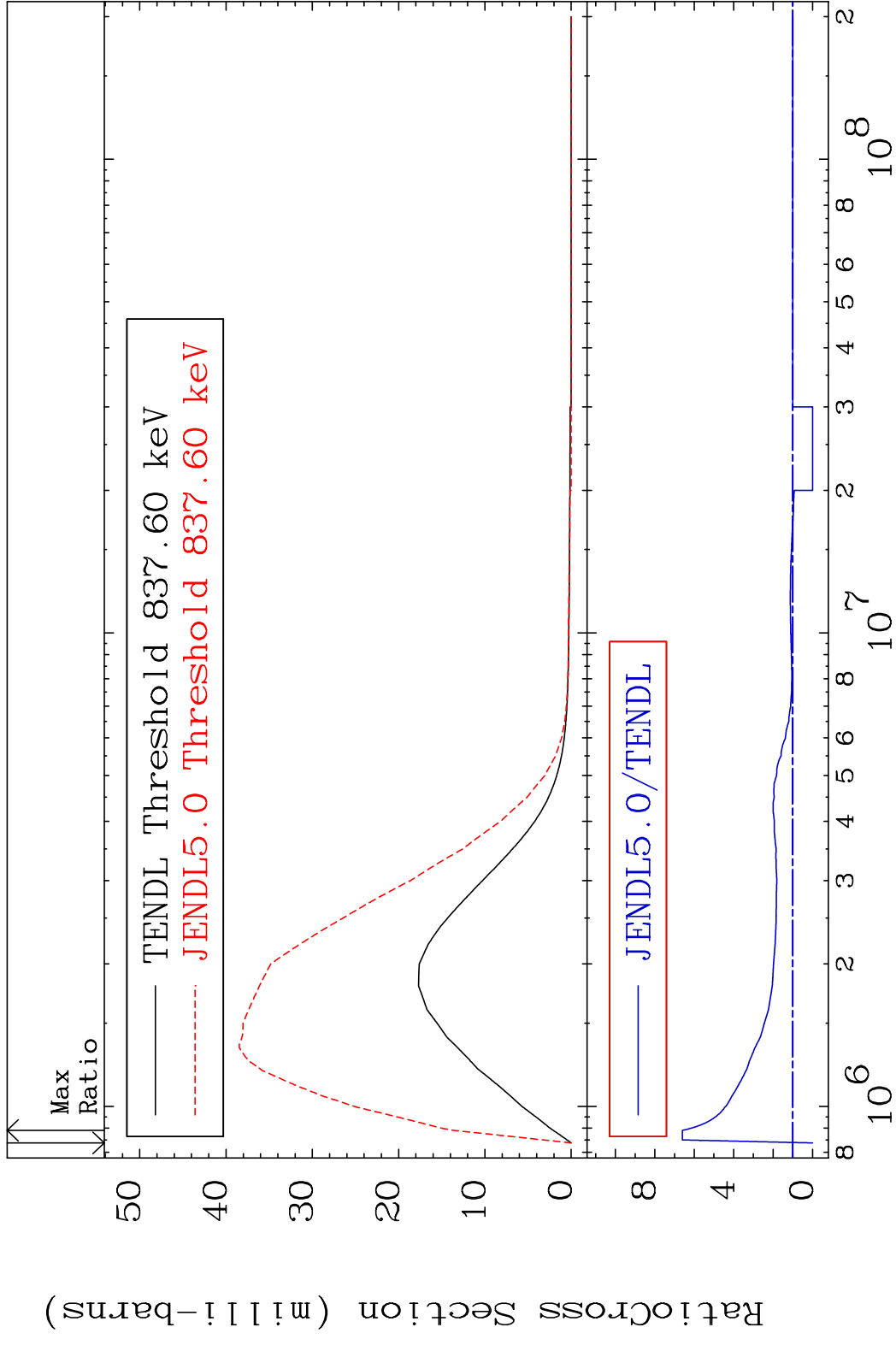


20 Incident Energy (eV) 53-I -127

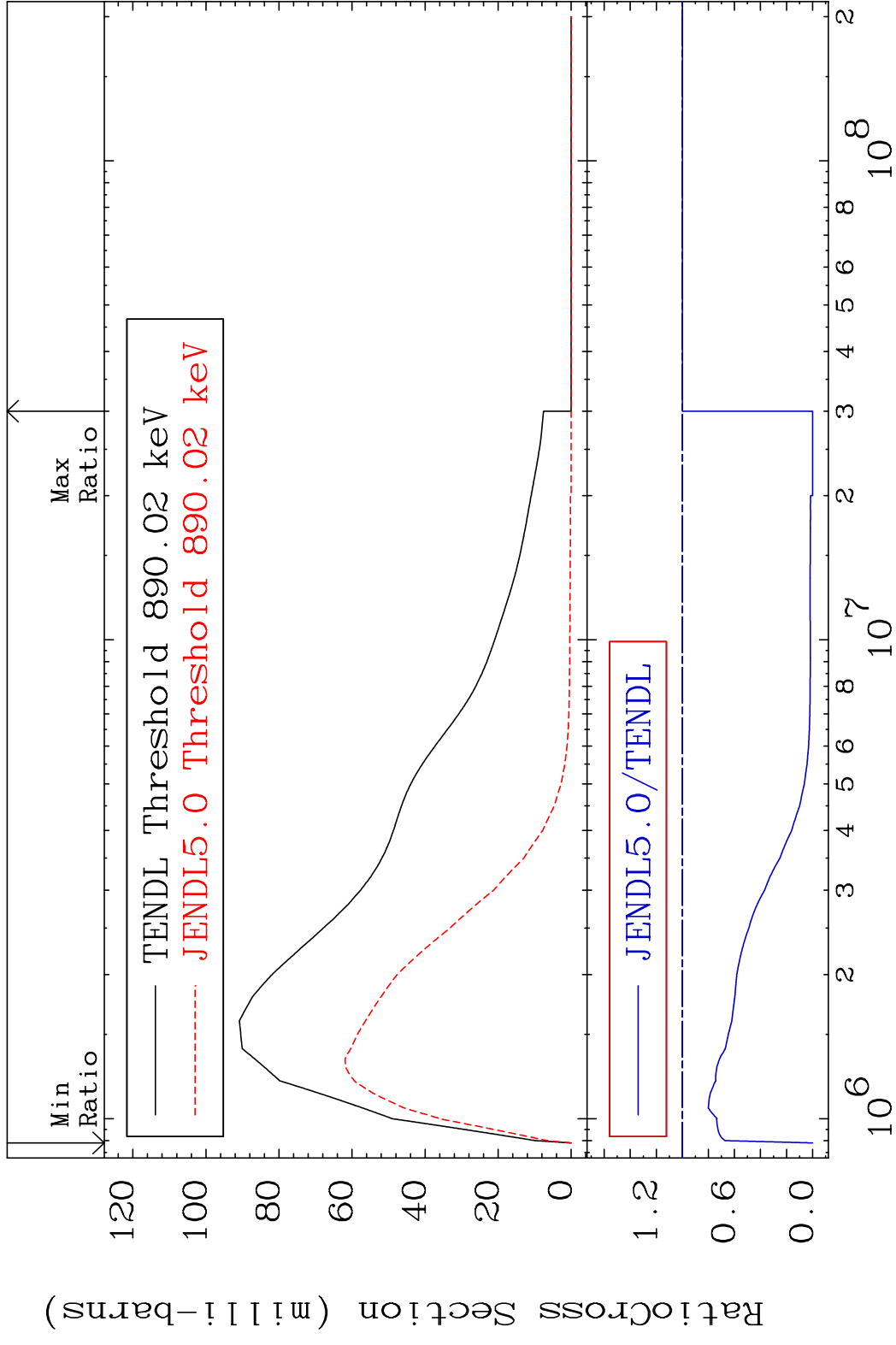
MAT 5325 MT= 61 (n,n') Level 53-I -127
 Cross Section -100.0 To 44.10 %



MAT 5325 MT= 62 (n,n') Level 53-I -127
 Cross Section -100.0 To 560.3 %

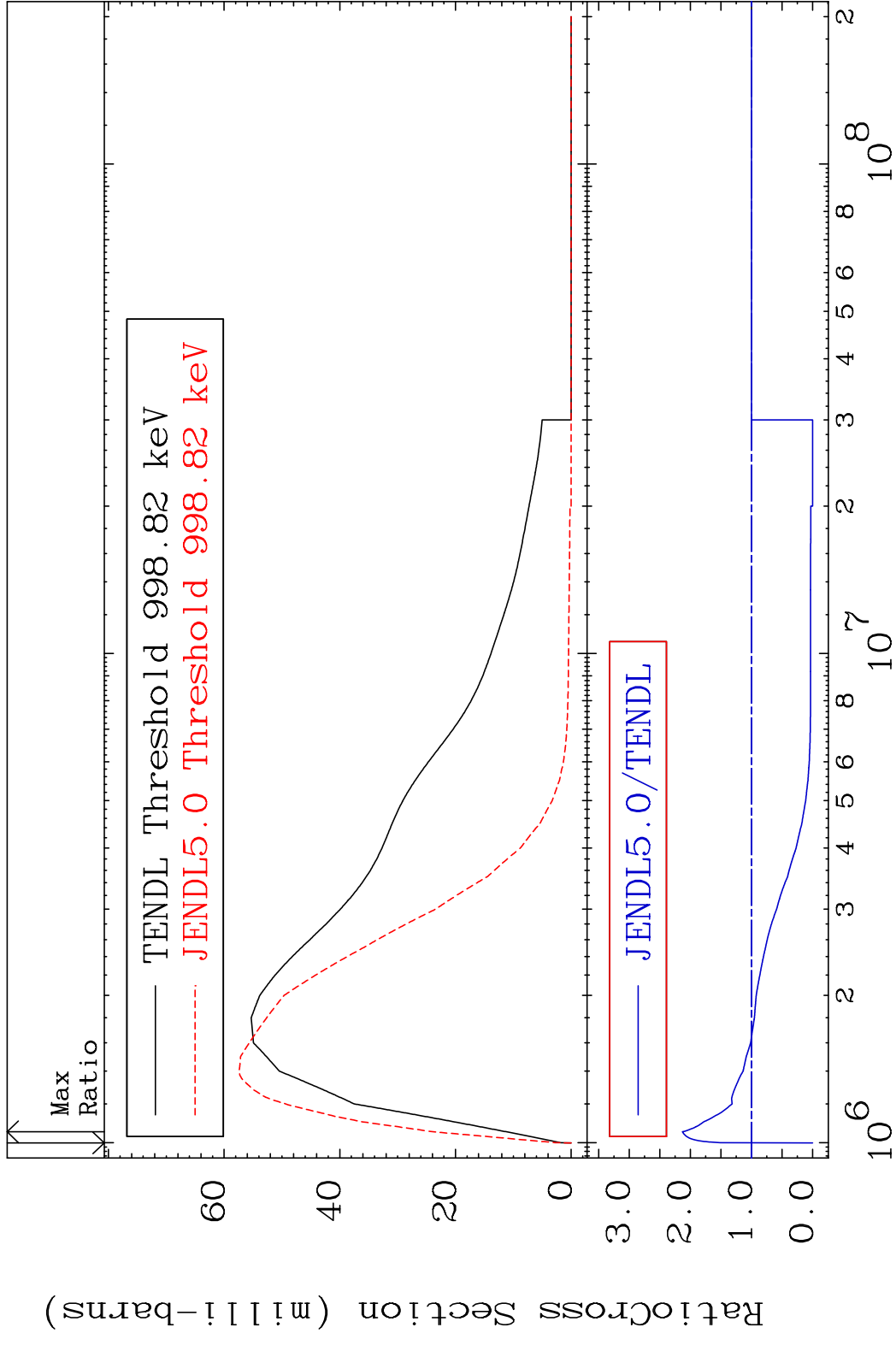


MAT 5325 MT= 63 (n, n') Level 53-I -127
 Cross Section -100.0 To 0.000 %



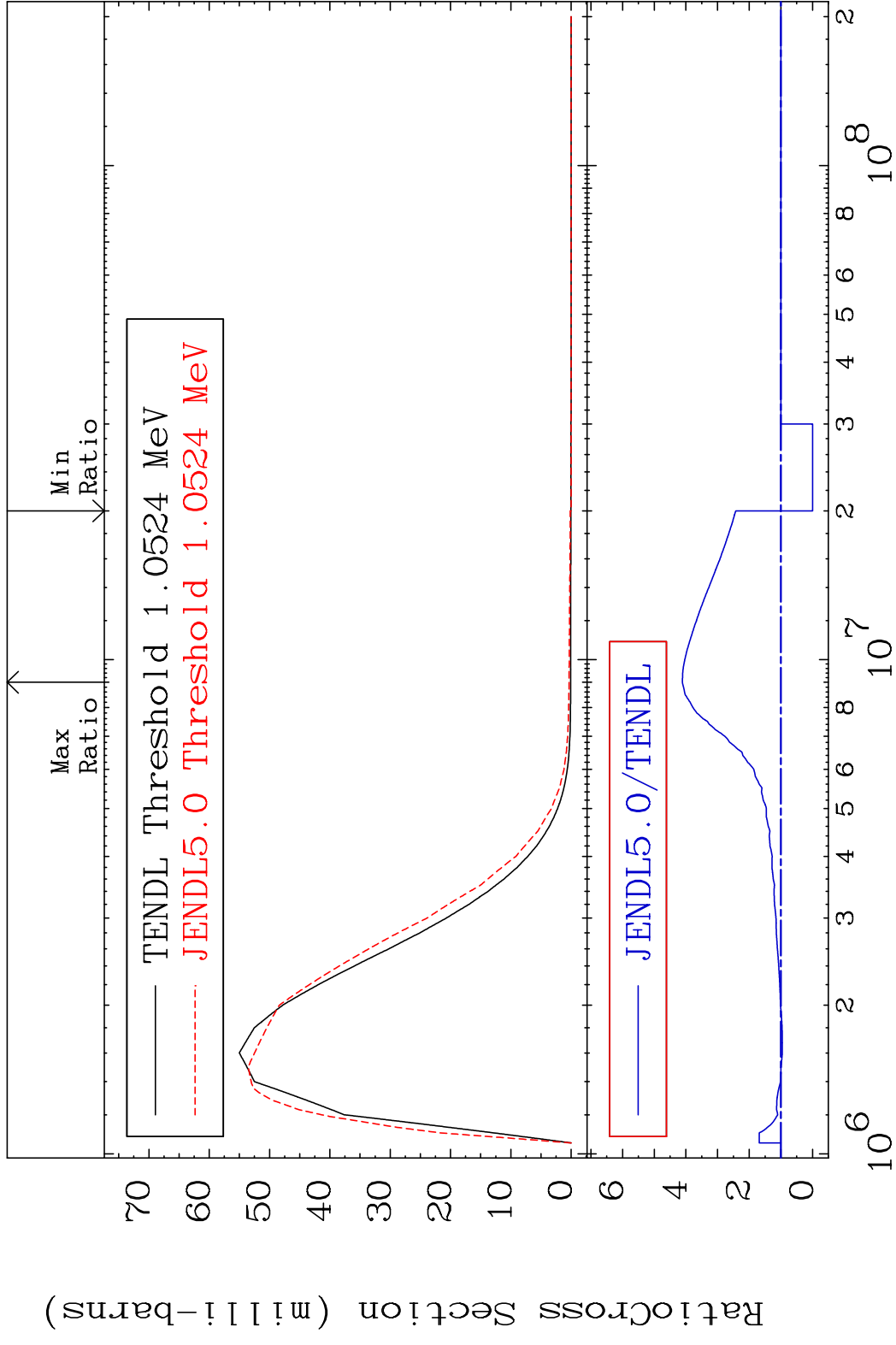
23 Incident Energy (eV) 53-I -127

MAT 5325 MT= 64 (n,n') Level 53-I -127
 Cross Section -100.0 To 113.1 %



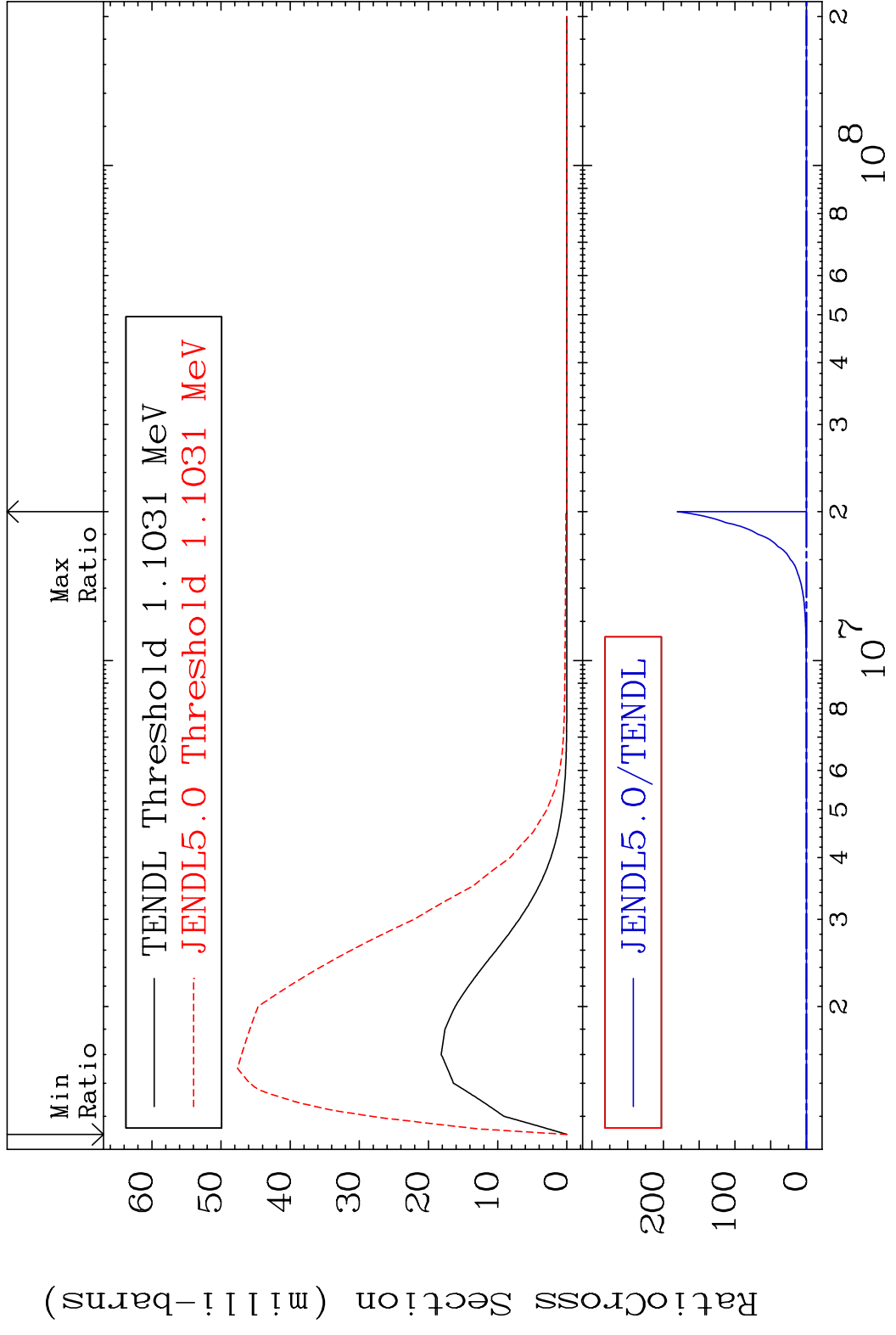
24 Incident Energy (eV) 53-I -127

MAT 5325 MT= 65 (n, n') Level 53-I -127
 Cross Section -100.0 To 311.2 %

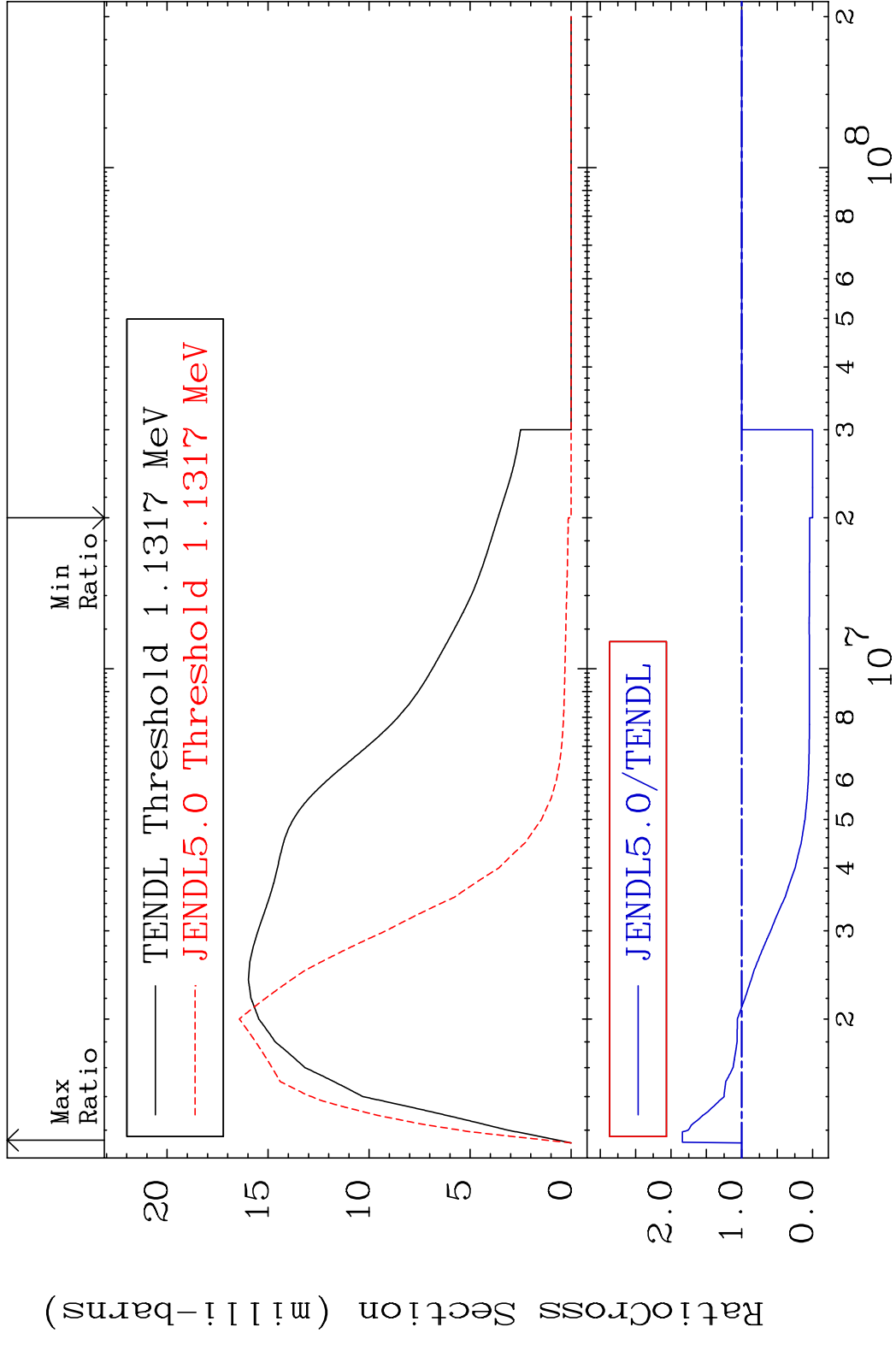


25 Incident Energy (eV) 53-I -127

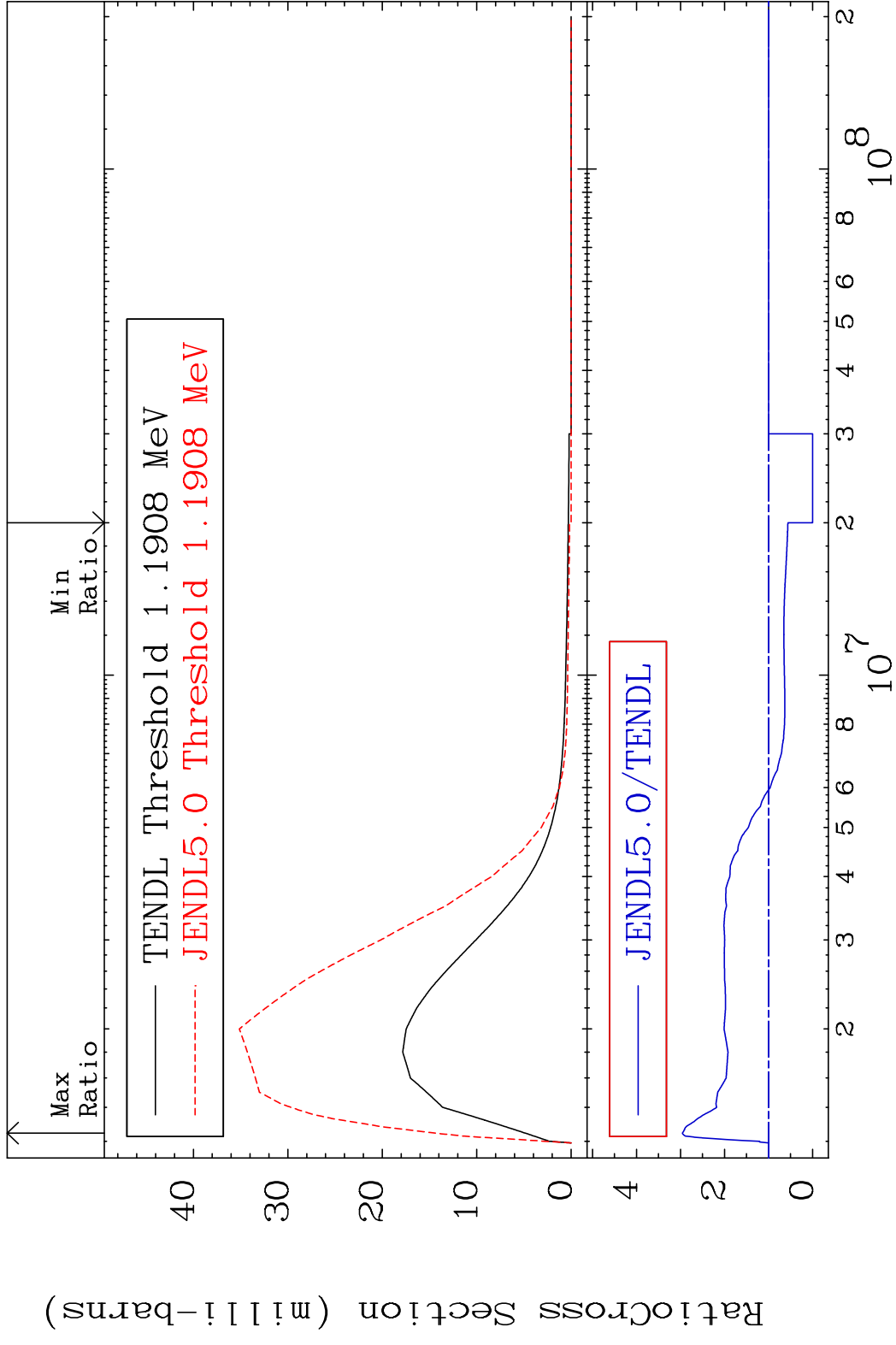
MAT 5325 MT= 66 (n, n') Level 53-I -127
 Cross Section -100.0 To 9999. %



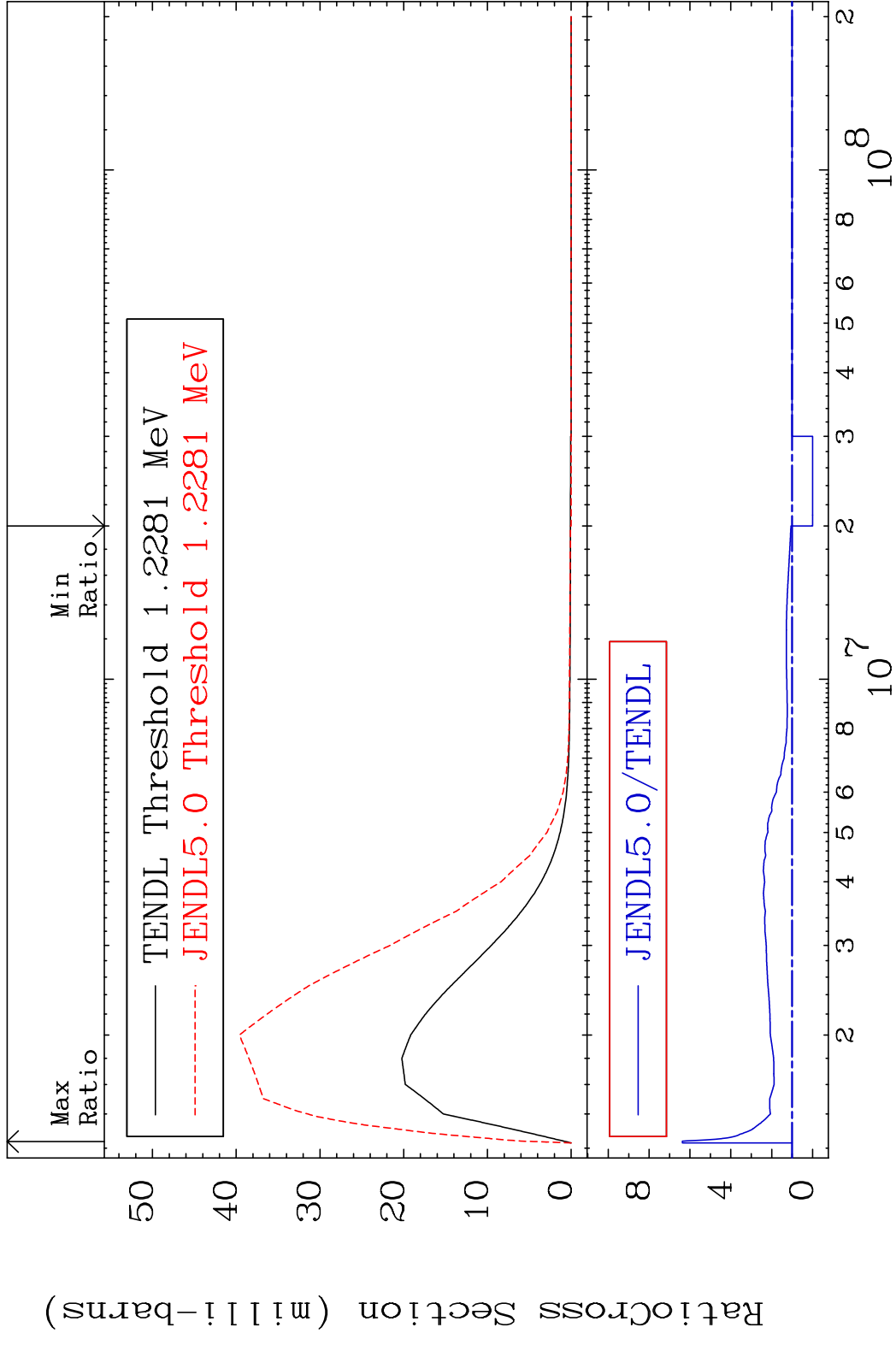
MAT 5325 MT= 67 (n, n') Level 53-I -127
 Cross Section -100.0 To 83.93 %



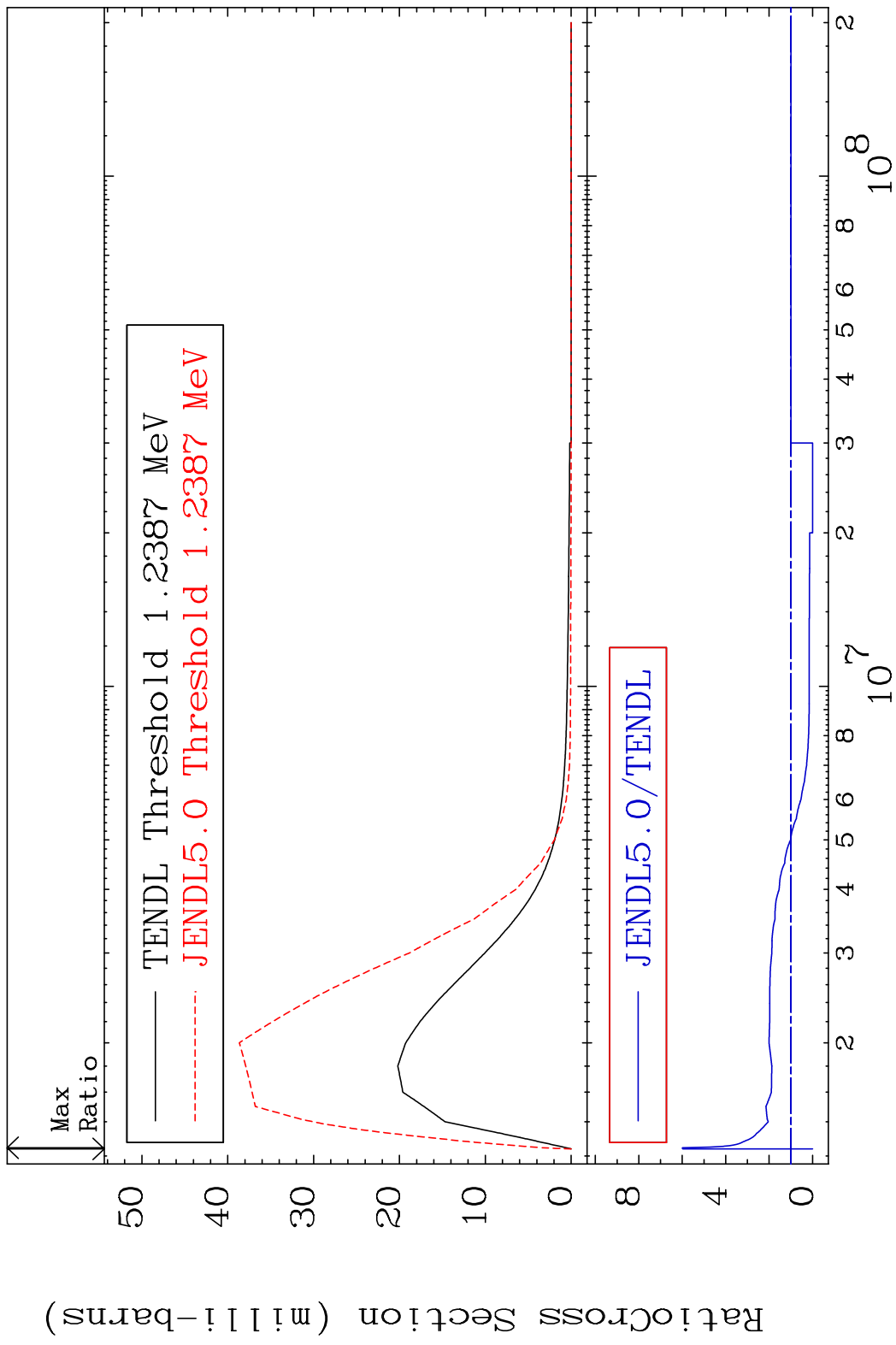
MAT 5325 MT= 68 (n, n') Level 53-I -127
 Cross Section -100.0 To 195.9 %



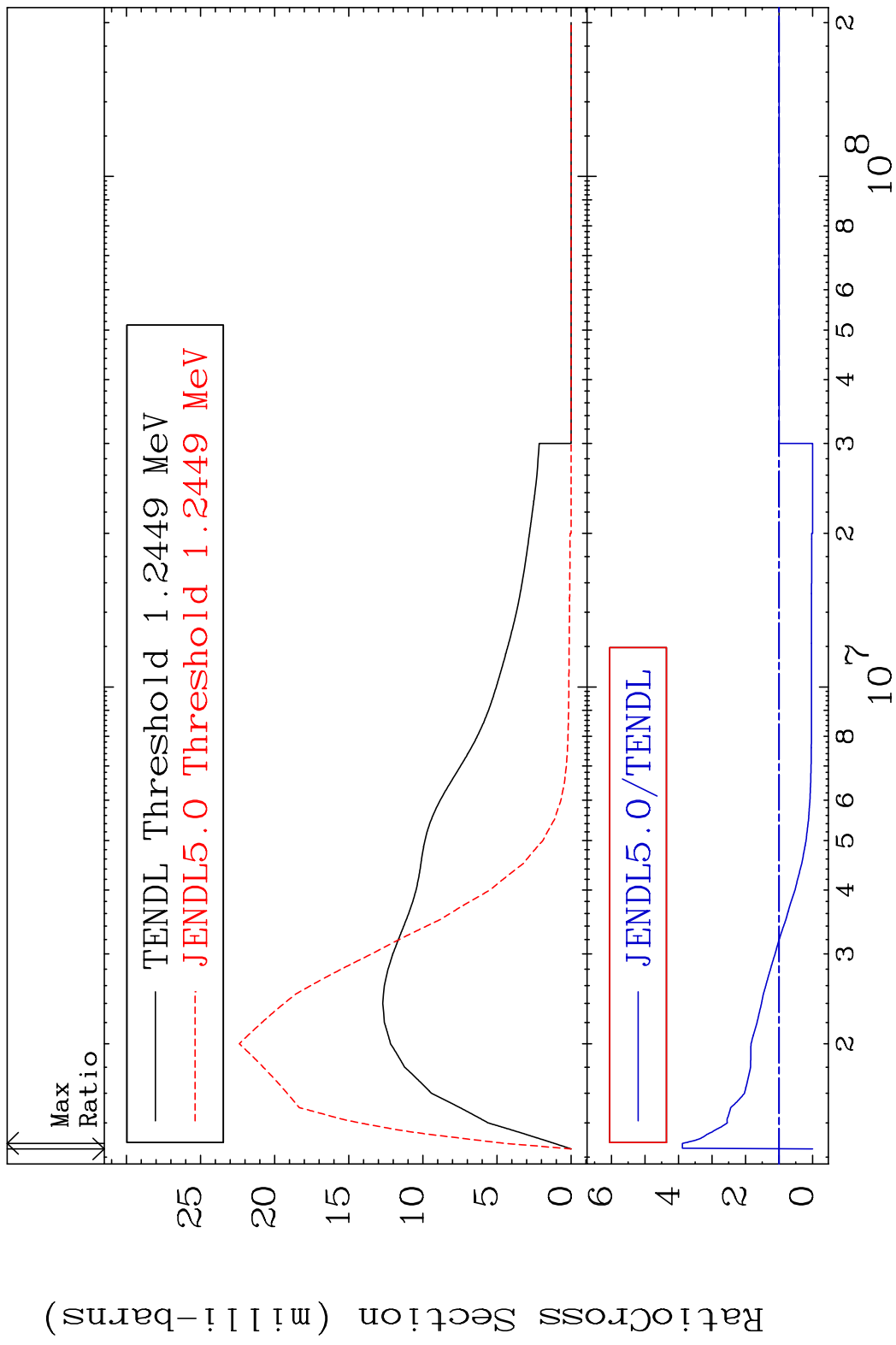
MAT 5325 MT= 69 (n, n') Level 53-I -127
 Cross Section -100.0 To 537.3 %



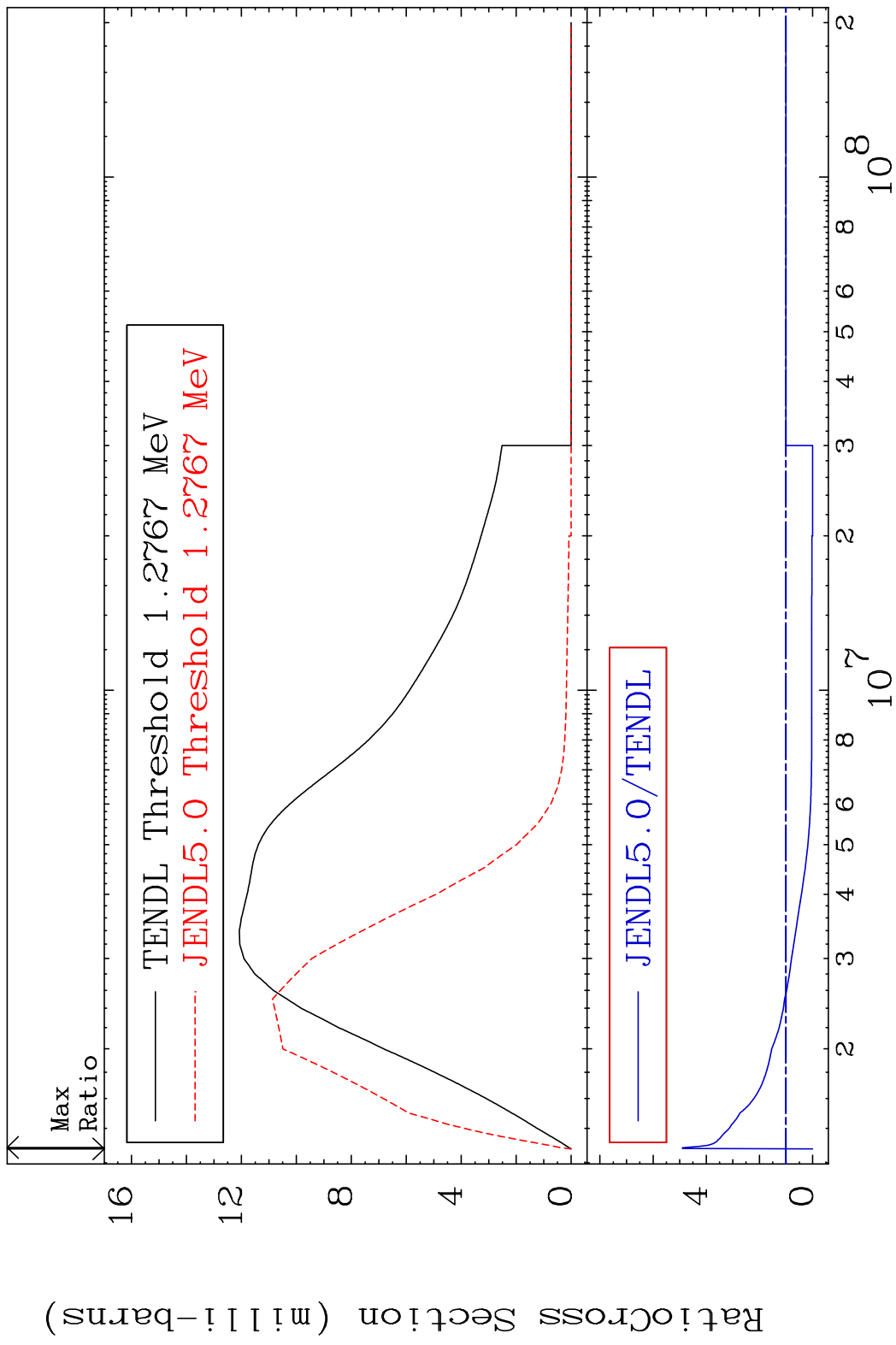
MAT 5325 MT= 70 (n,n') Level 53-I -127
 Cross Section -100.0 To 499.4 %



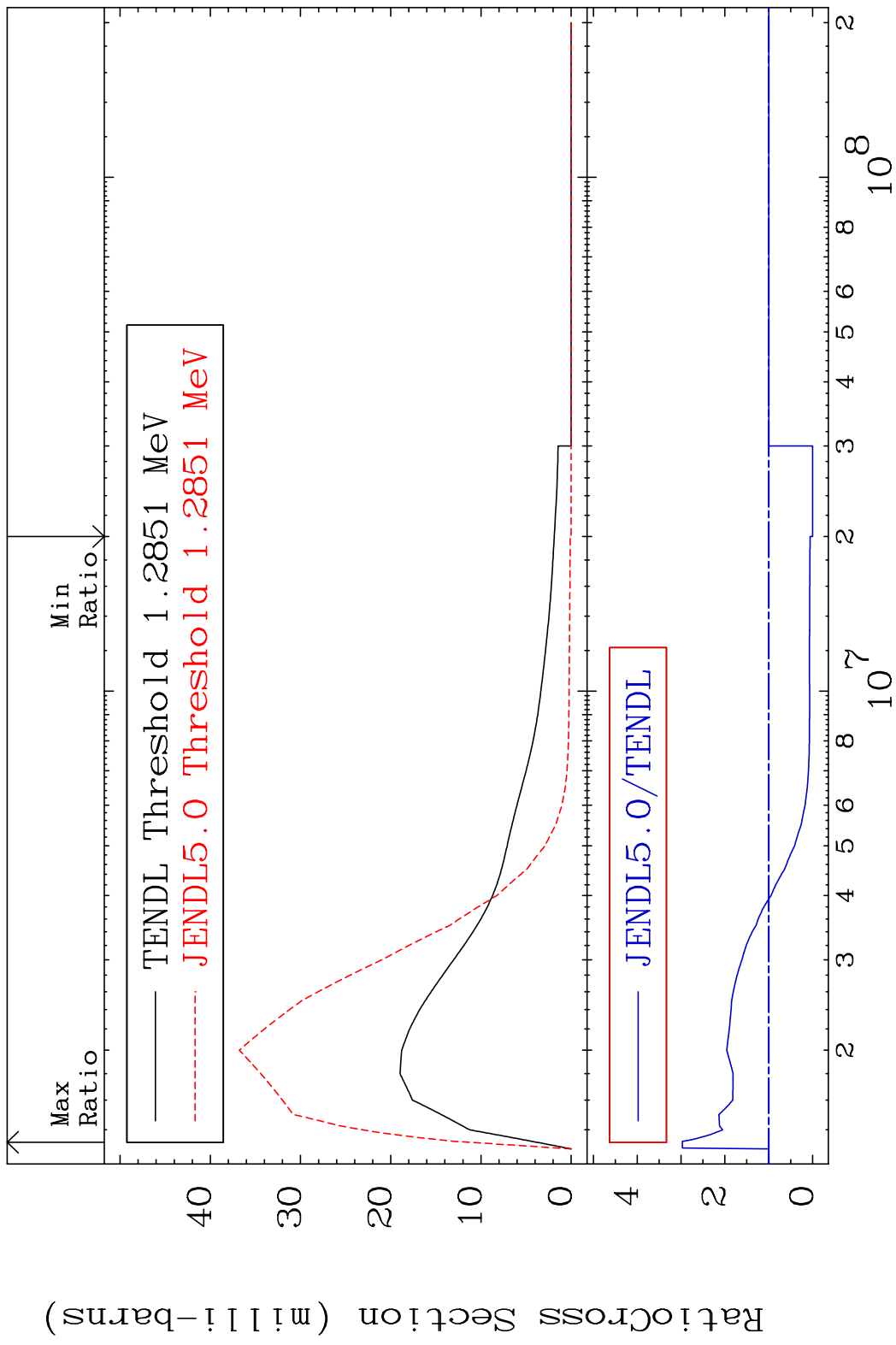
MAT 5325 MT= 71 (n,n') Level 53-I -127
 Cross Section -100.0 To 288.4 %



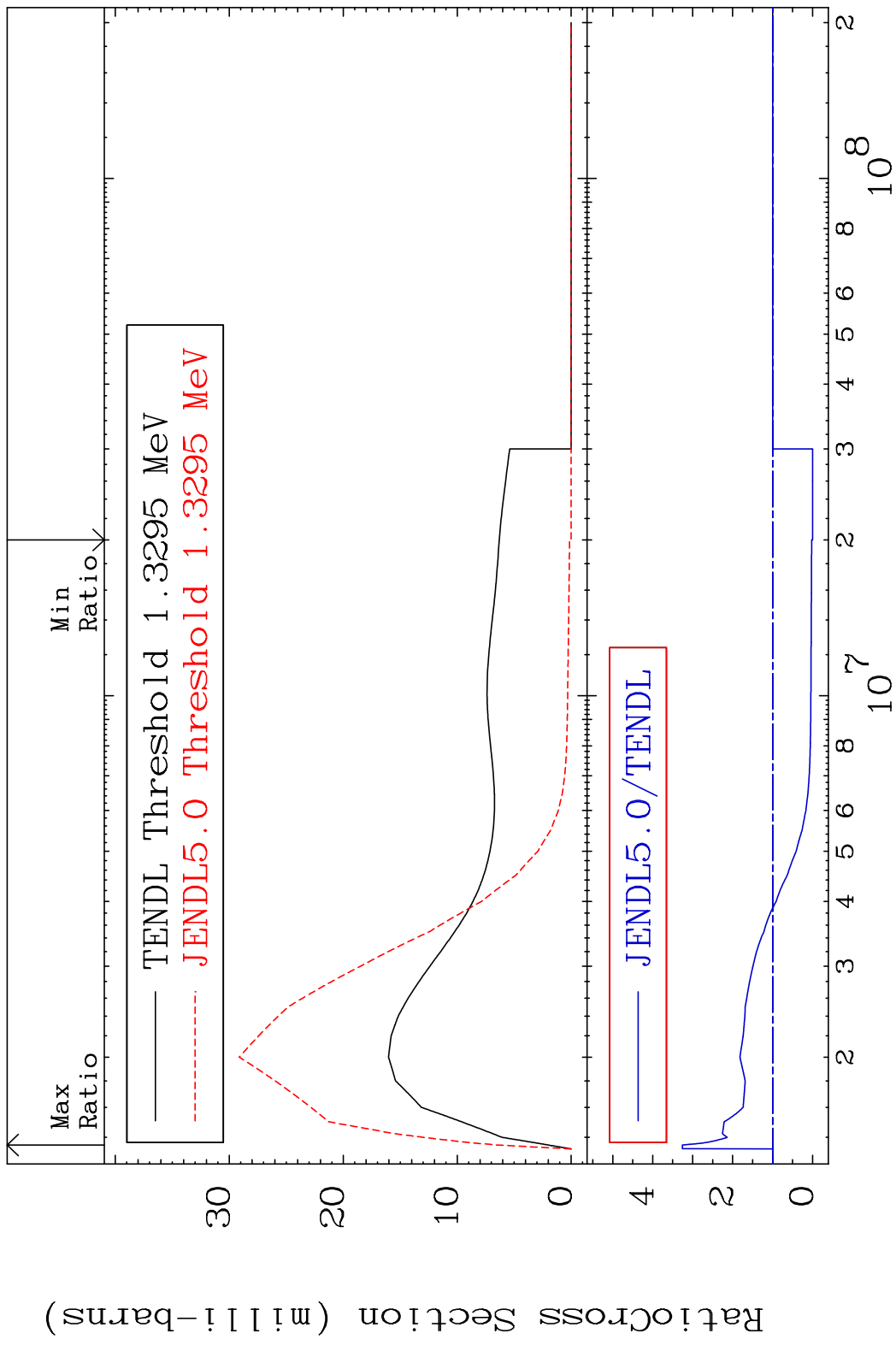
MAT 5325 MT= 72 (n, n') Level 53-I -127
 Cross Section -100.0 To 389.9 %



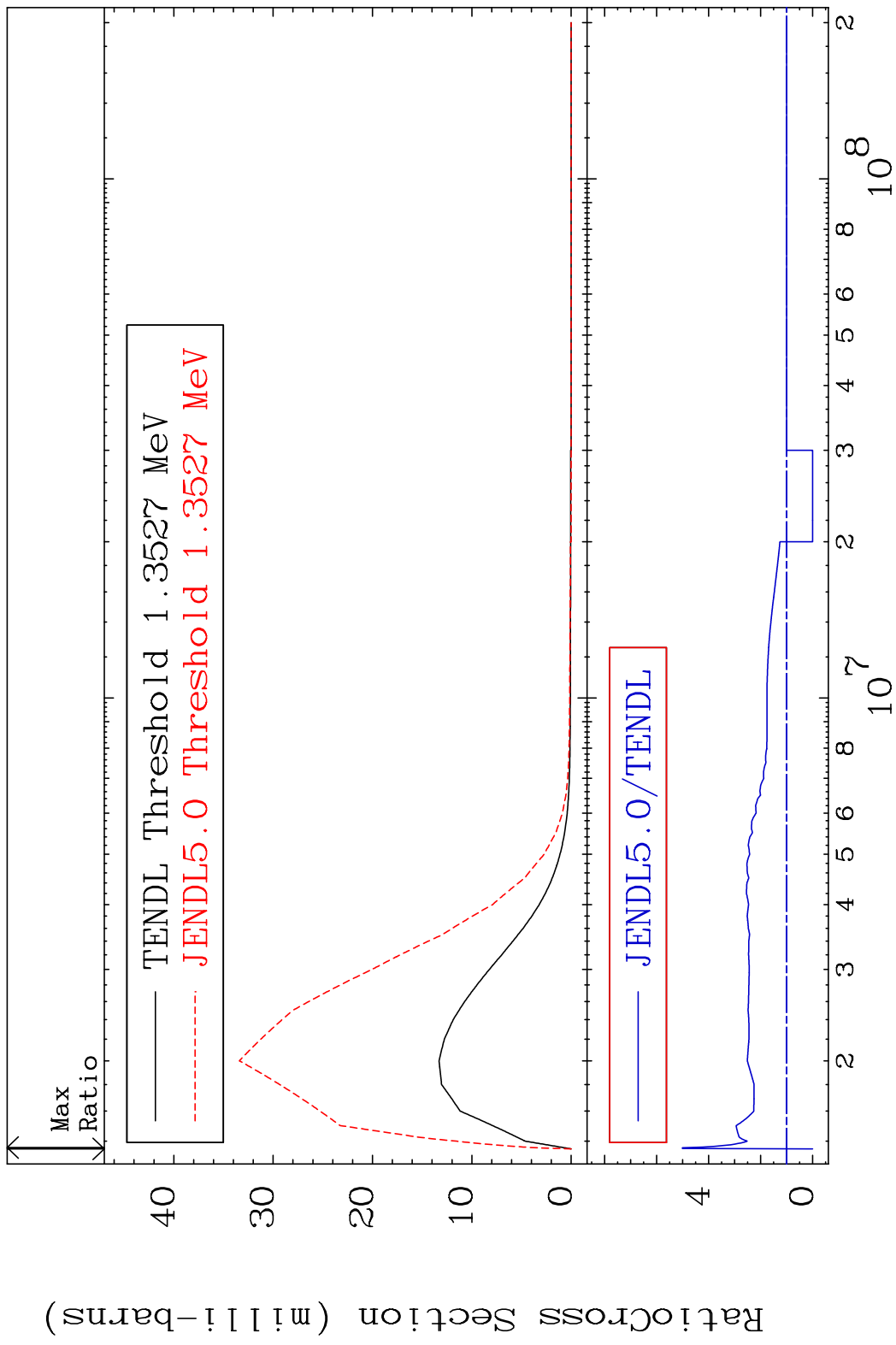
MAT 5325 MT= 73 (n, n') Level 53-I -127
 Cross Section -100.0 To 197.0 %



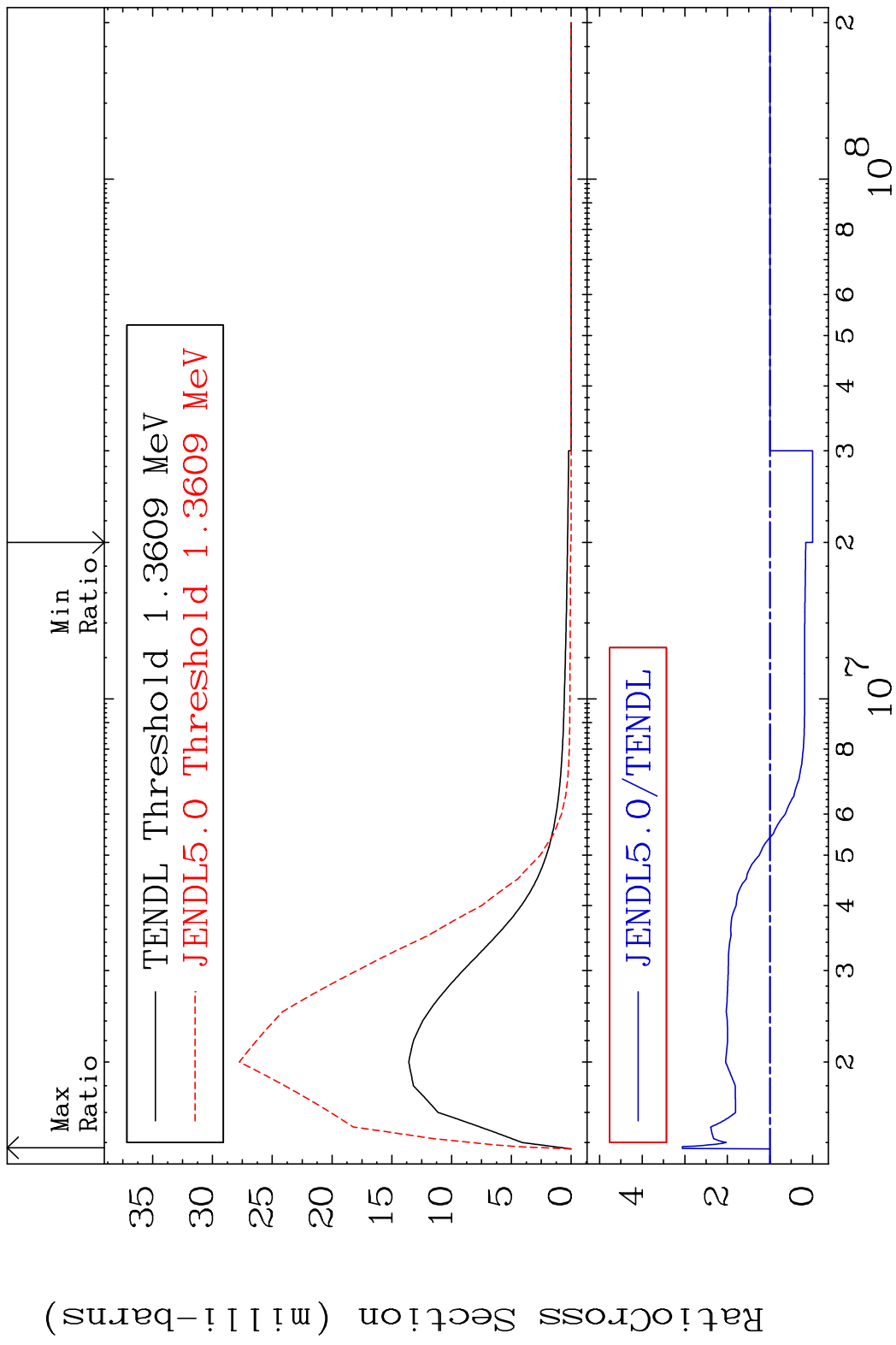
MAT 5325 MT= 74 (n, n') Level 53-I -127
 Cross Section -100.0 To 225.8 %



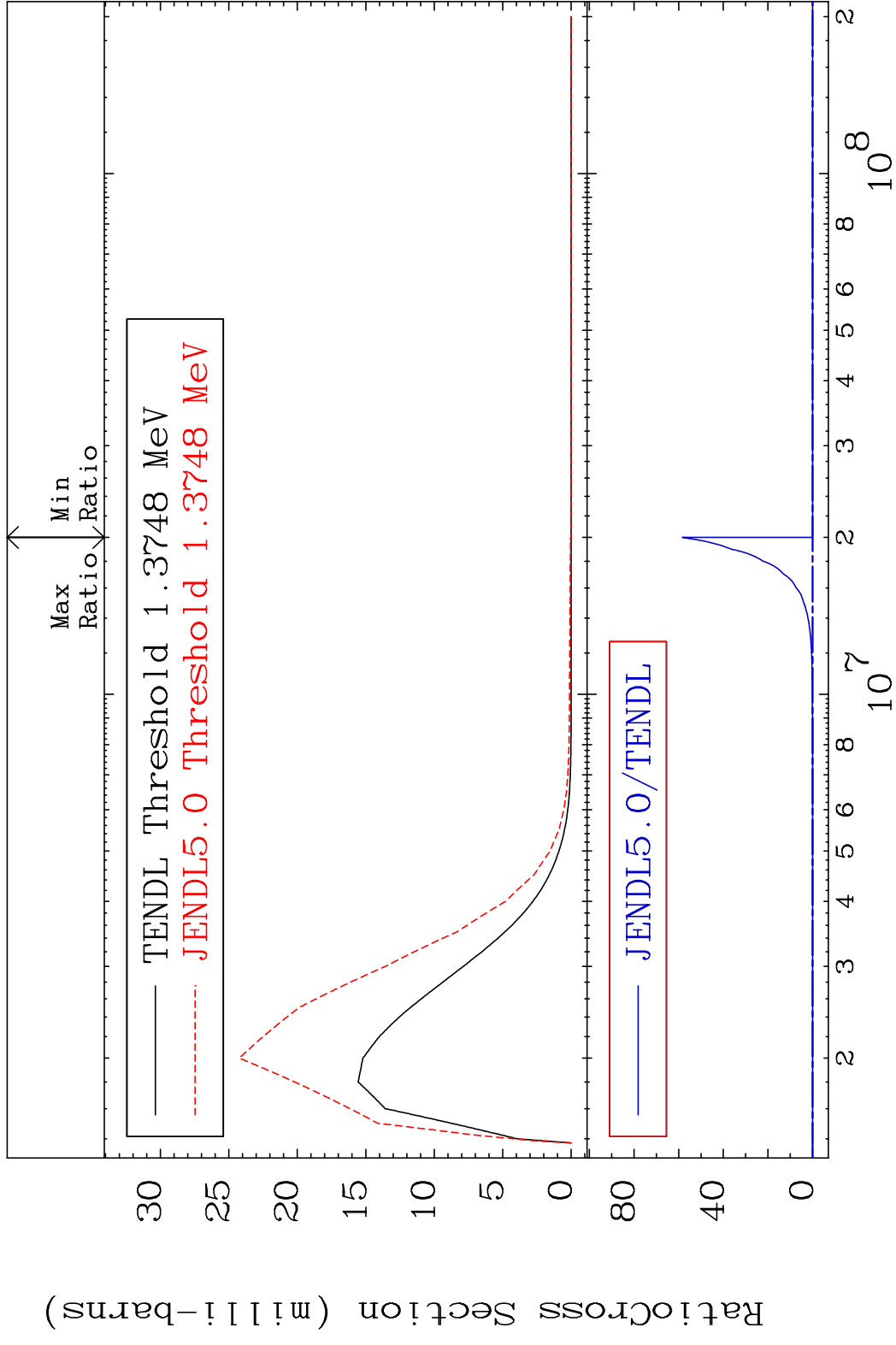
MAT 5325 MT= 75 (n,n') Level 53-I -127
 Cross Section -100.0 To 400.9 %



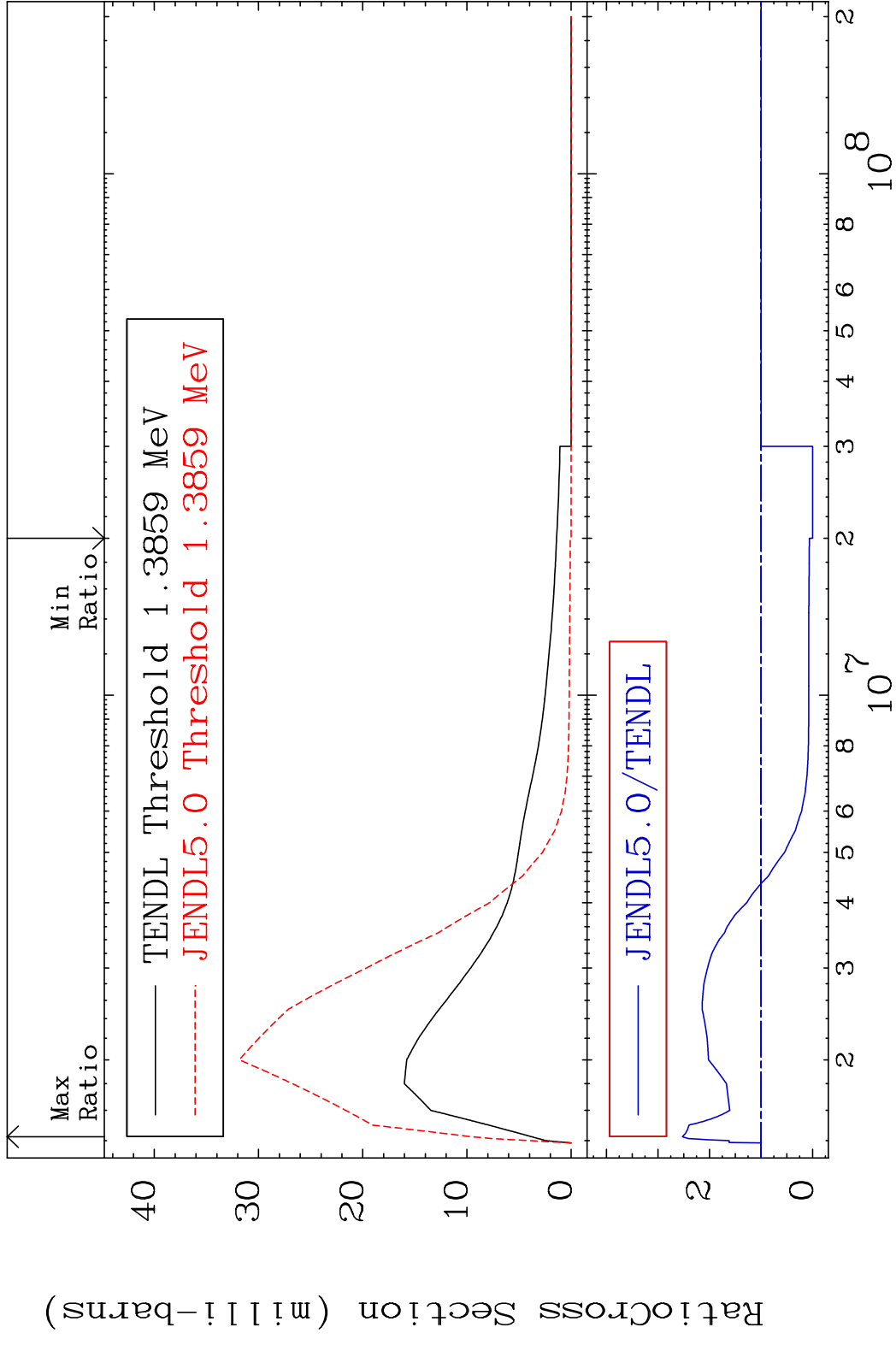
MAT 5325 MT= 76 (n, n') Level 53-I -127
 Cross Section -100.0 To 205.7 %



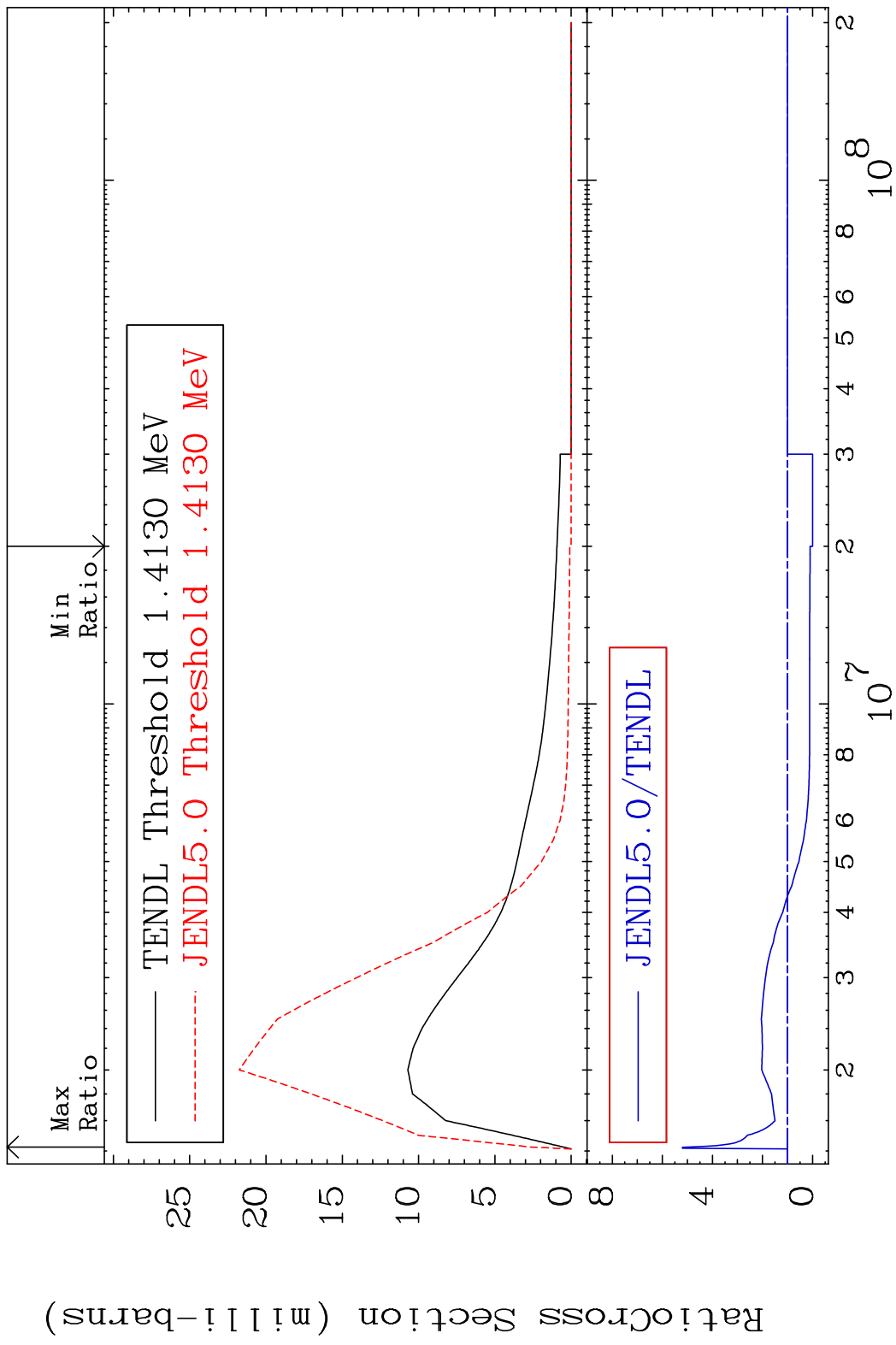
MAT 5325 MT= 77 (n,n') Level 53-I -127
 Cross Section -100.0 To 9999. %



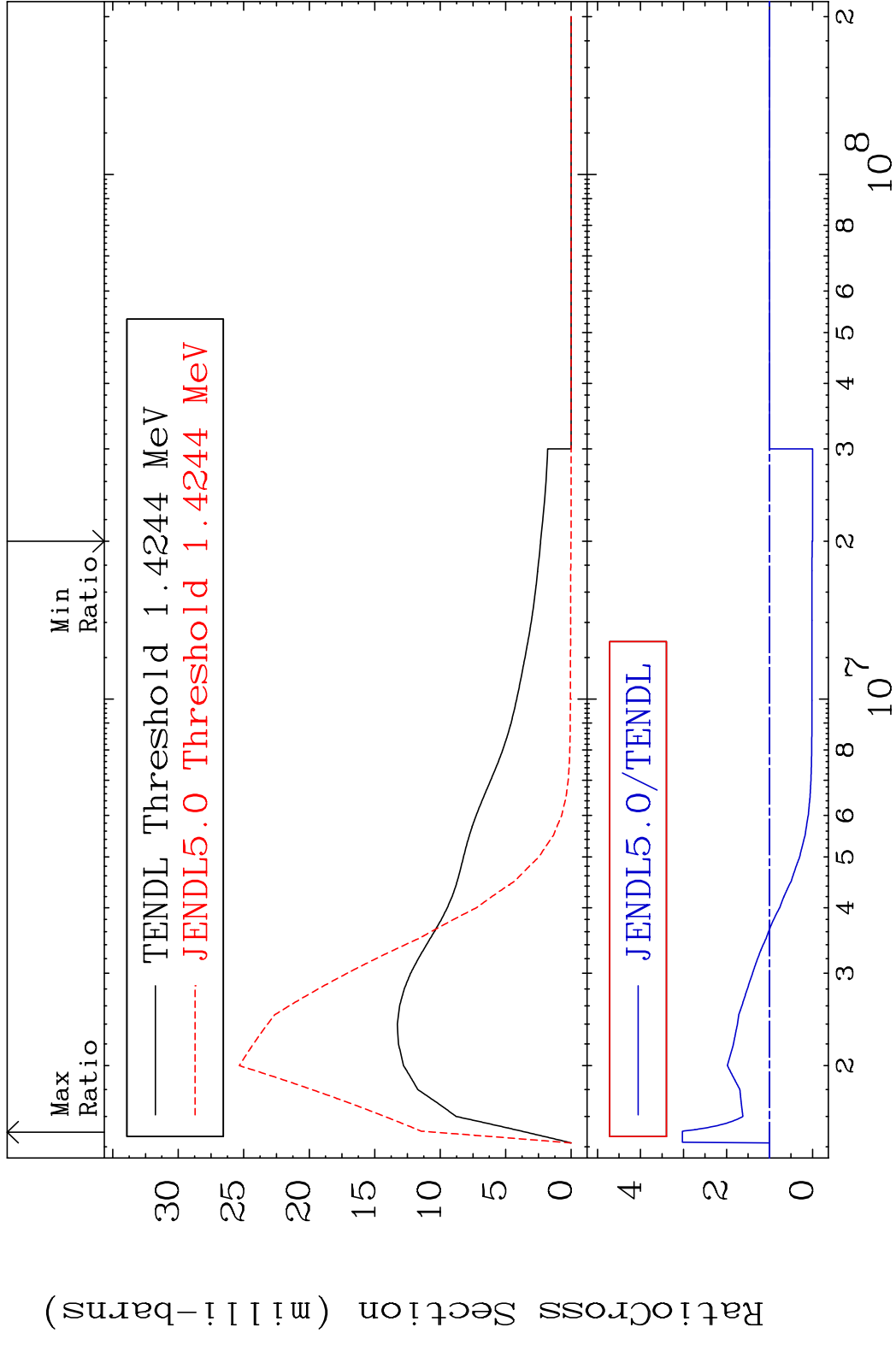
MAT 5325 MT= 78 (n, n') Level 53-I -127
 Cross Section -100.0 To 152.6 %



MAT 5325 MT= 79 (n, n') Level 53-I -127
 Cross Section -100.0 To 420.0 %



MAT 5325 MT= 80 (n, n') Level 53-I -127
 Cross Section -100.0 To 202.8 %



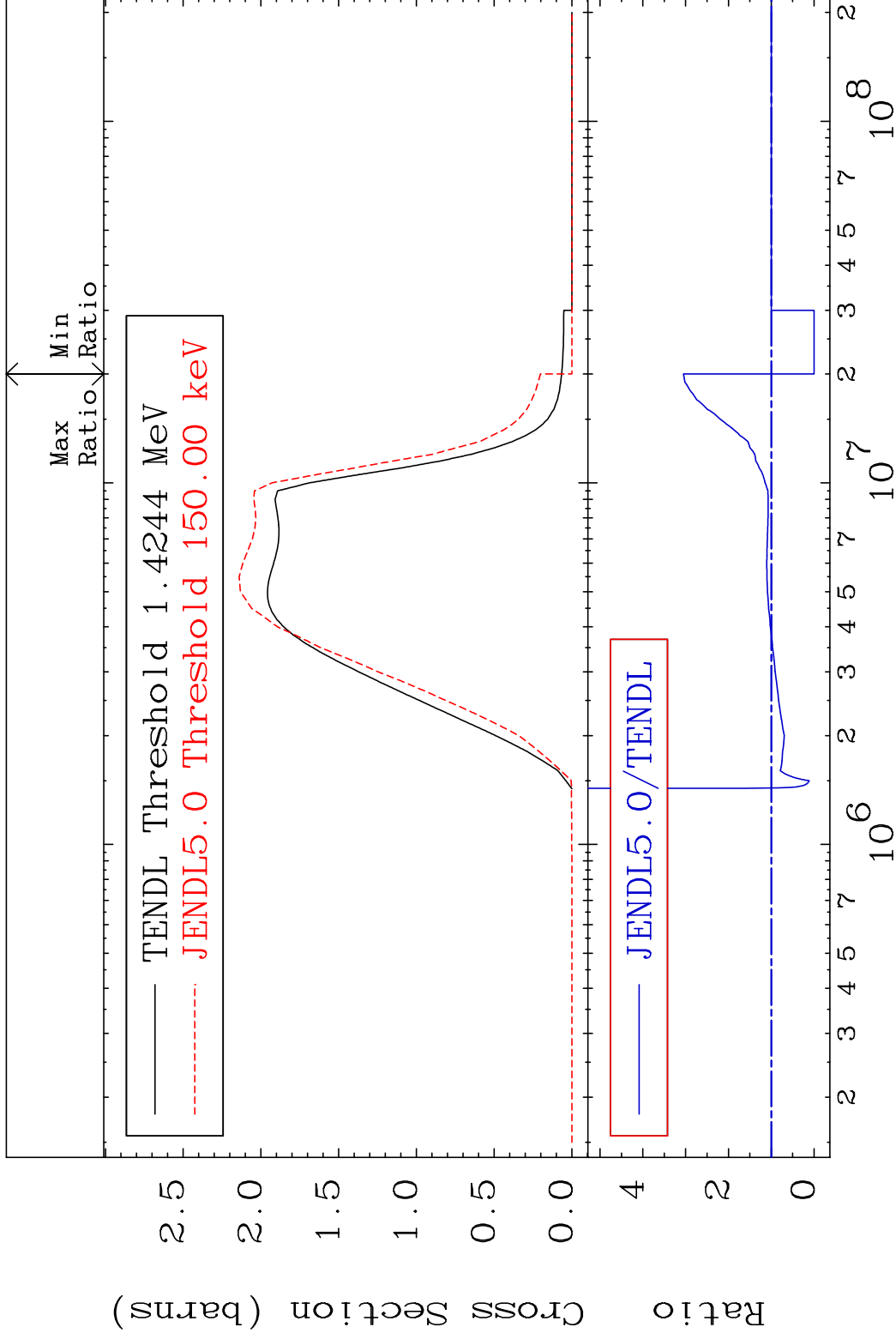
40 Incident Energy (eV) 53-I -127

MAT 5325

(n,n') Continuum

53-I -127

Cross Section -100.0 To 205.1 %



41

Incident Energy (eV)

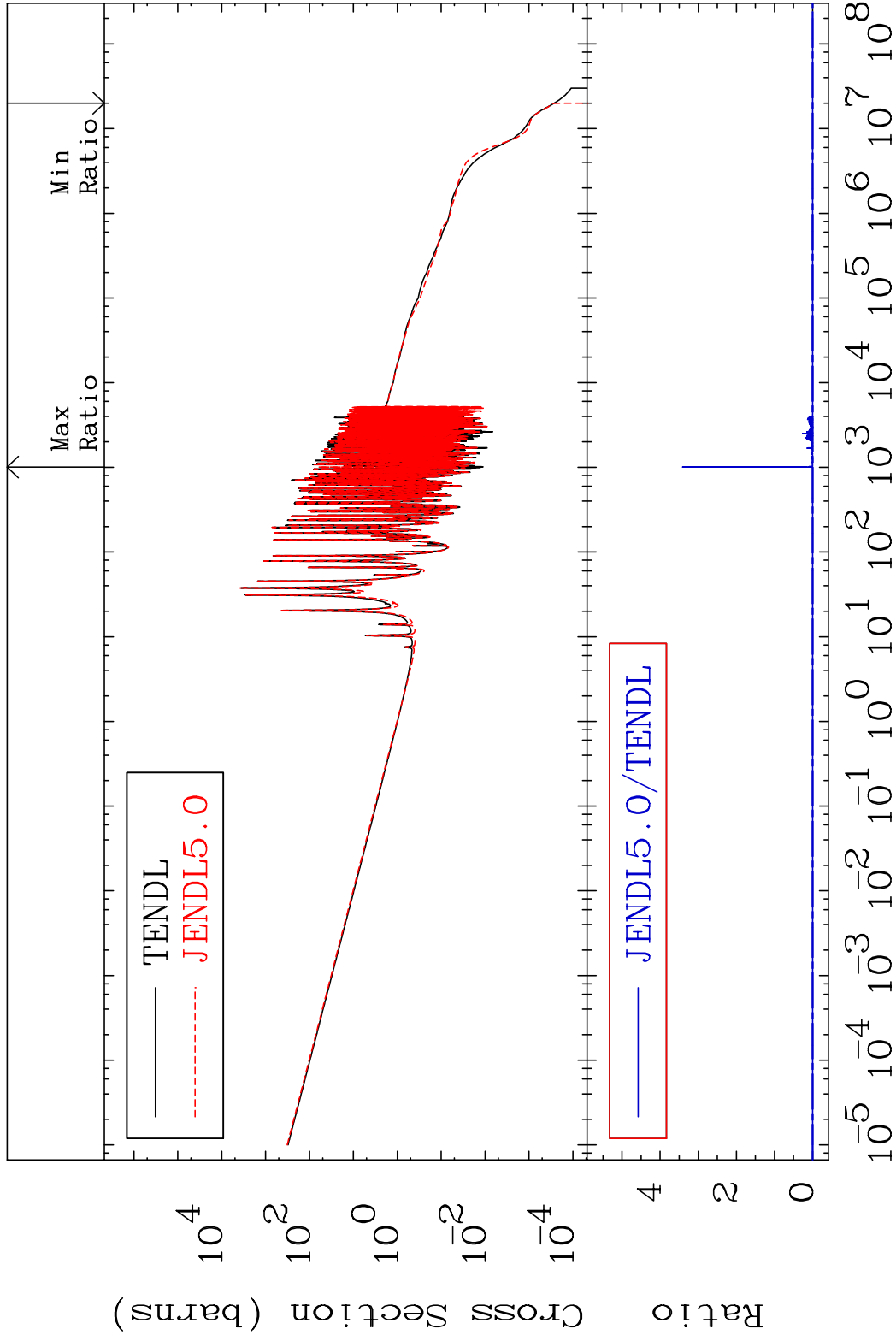
53-I -127

MAT 5325

(n, γ)

53-I -127

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

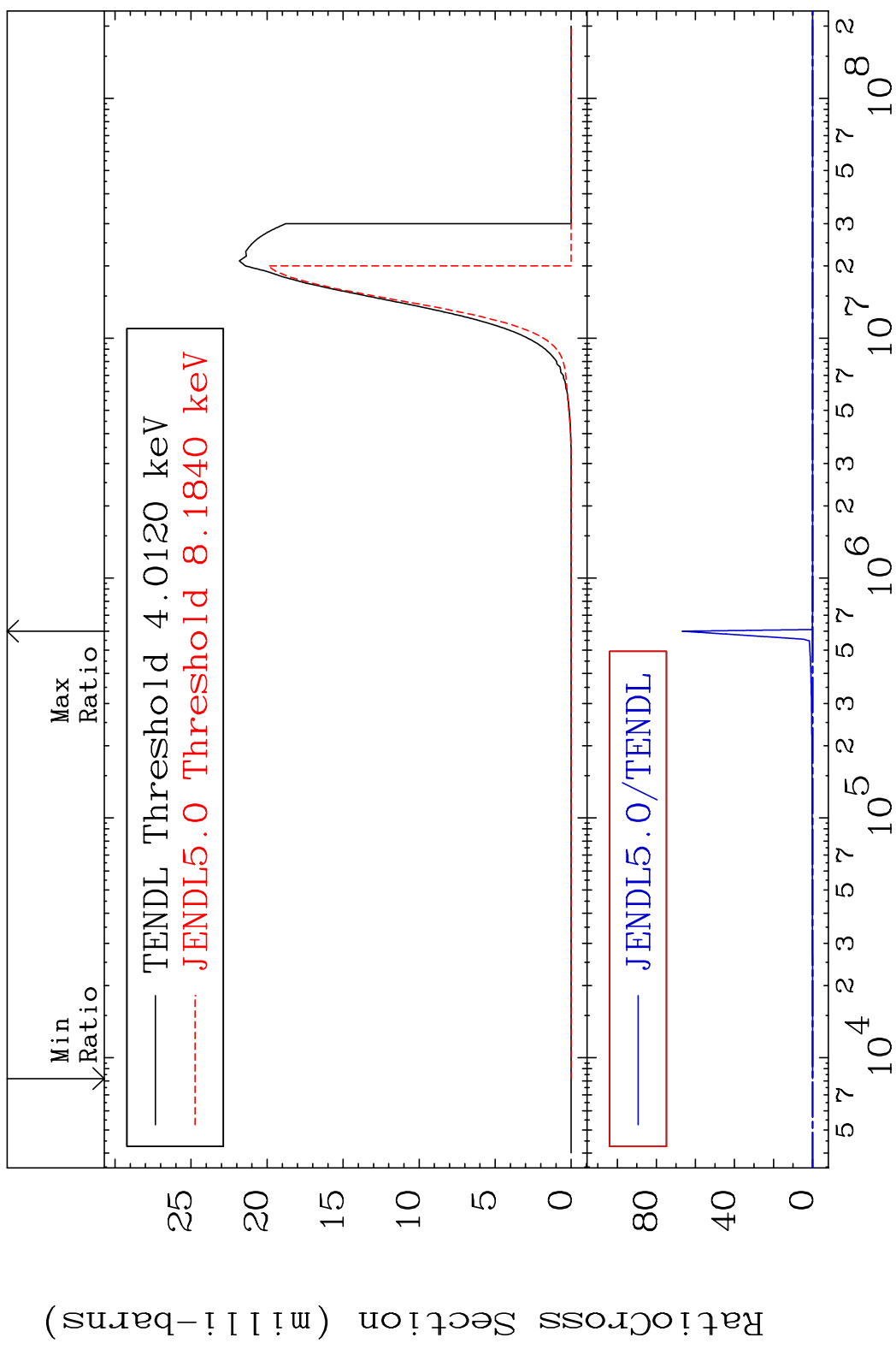
53-I -127

MAT 5325

(n, p)

53-I -127

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

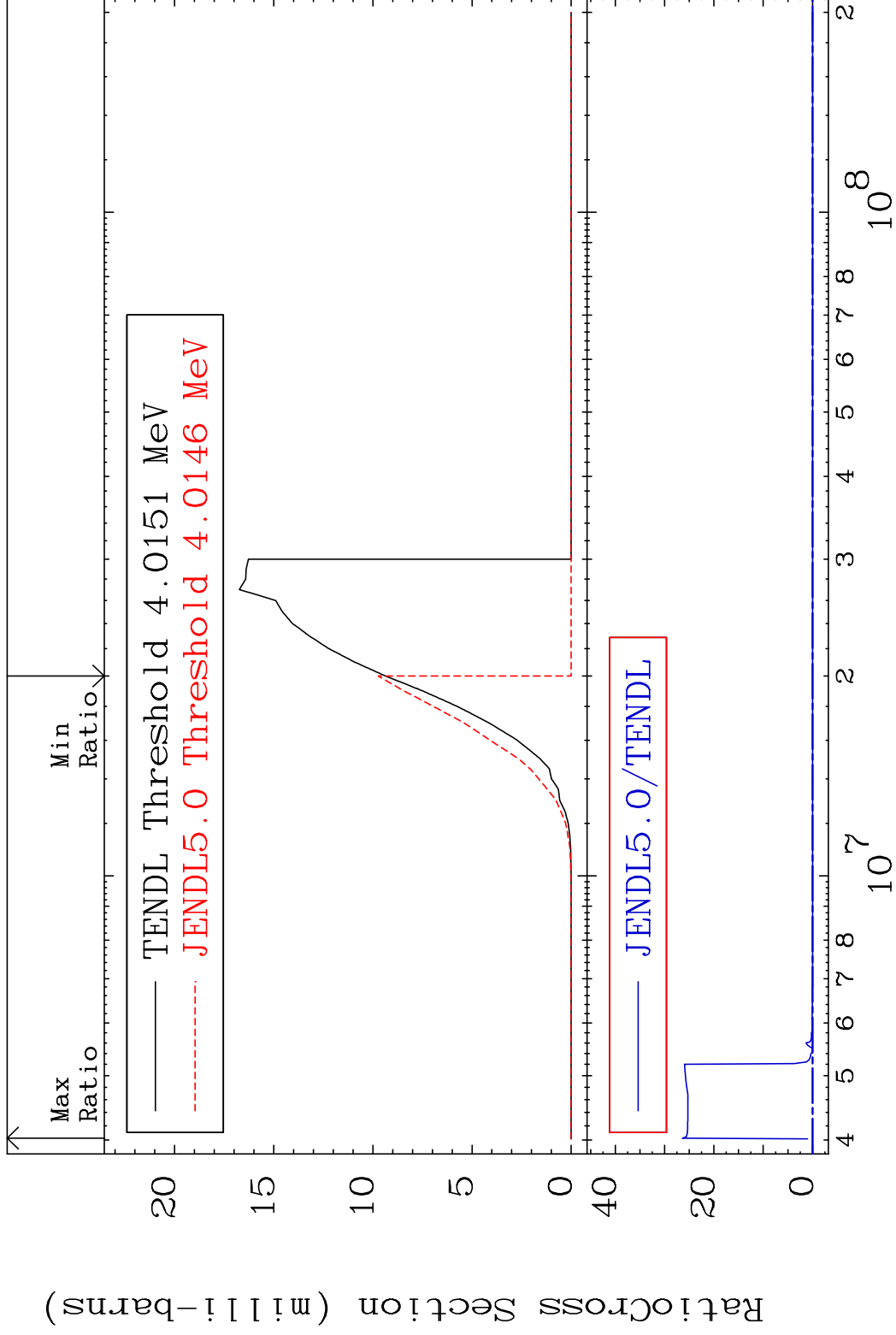
53-I -127

MAT 5325

(n,d)

53-I -127

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

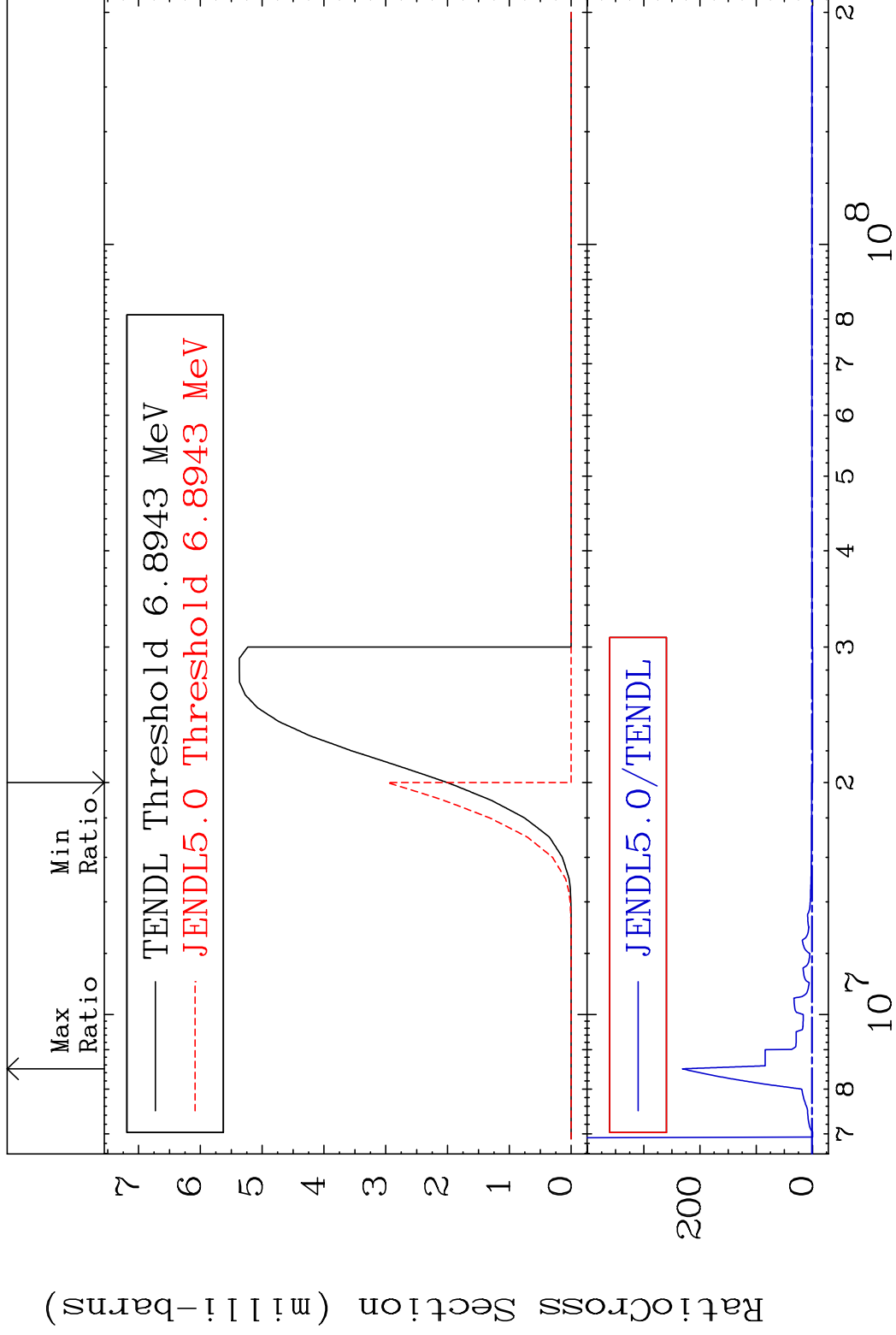
53-I -127

MAT 5325

(n, t)

53-I -127

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

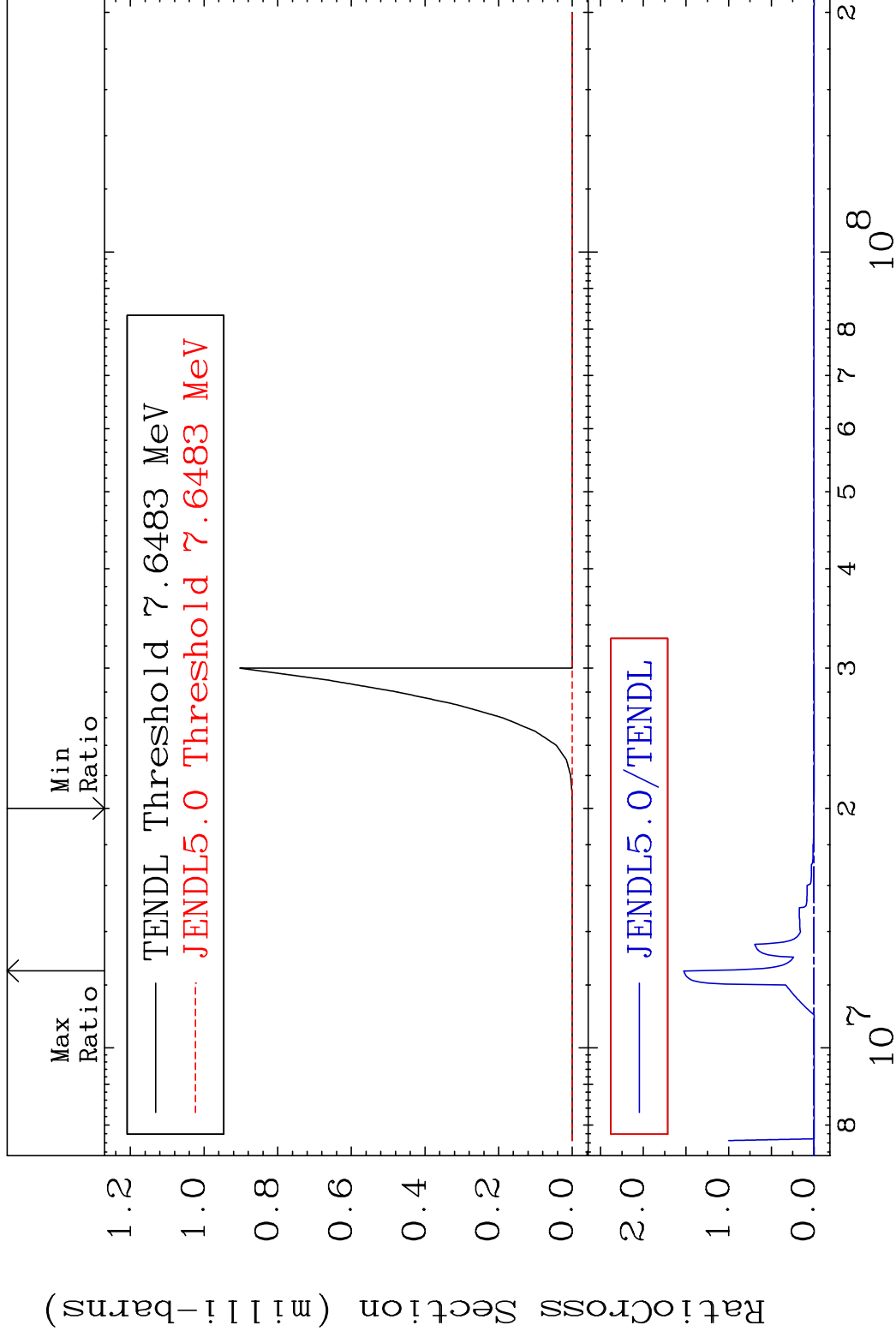
53-I -127

MAT 5325

(n, He-3)

53-I -127

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

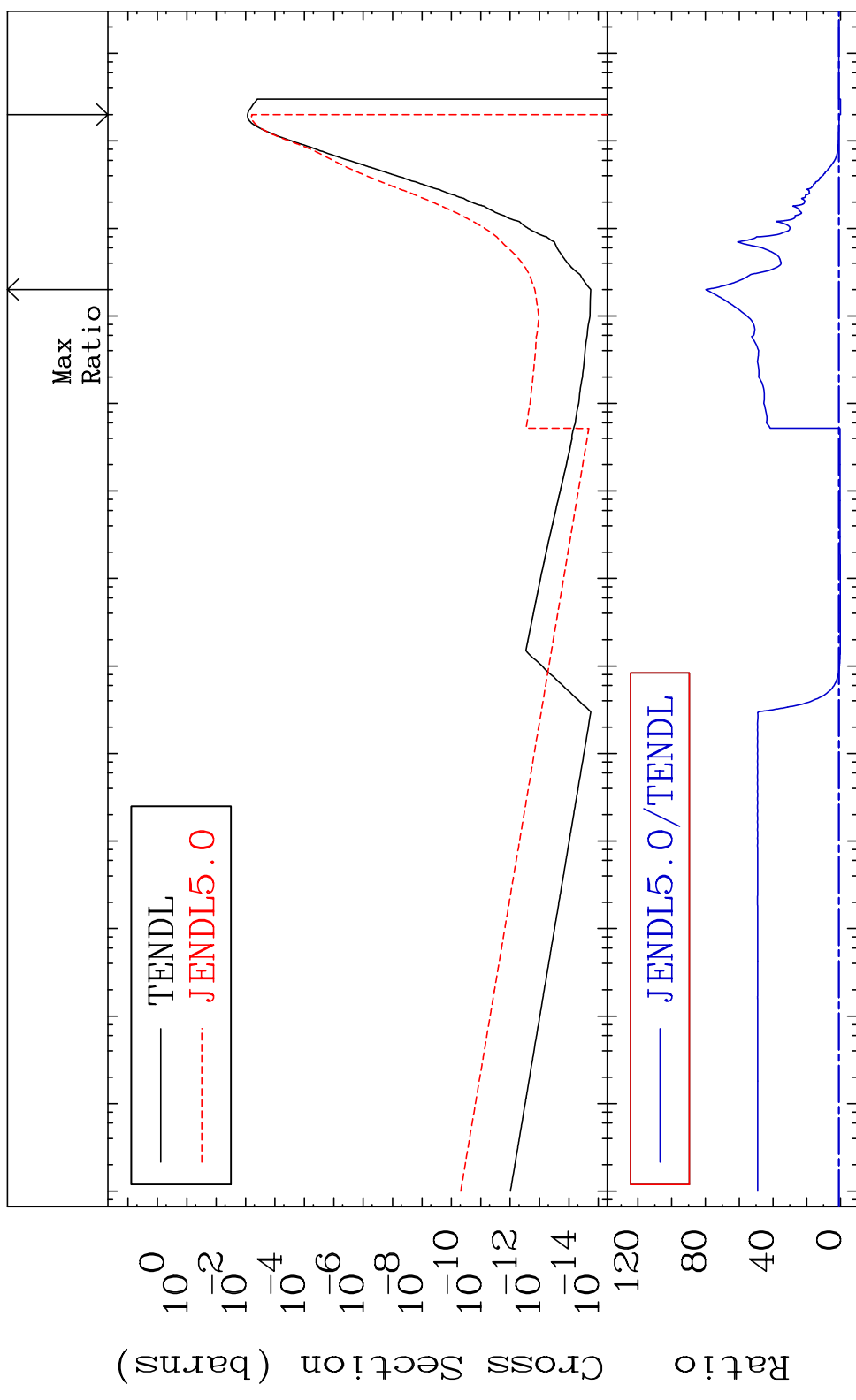
53-I -127

MAT 5325

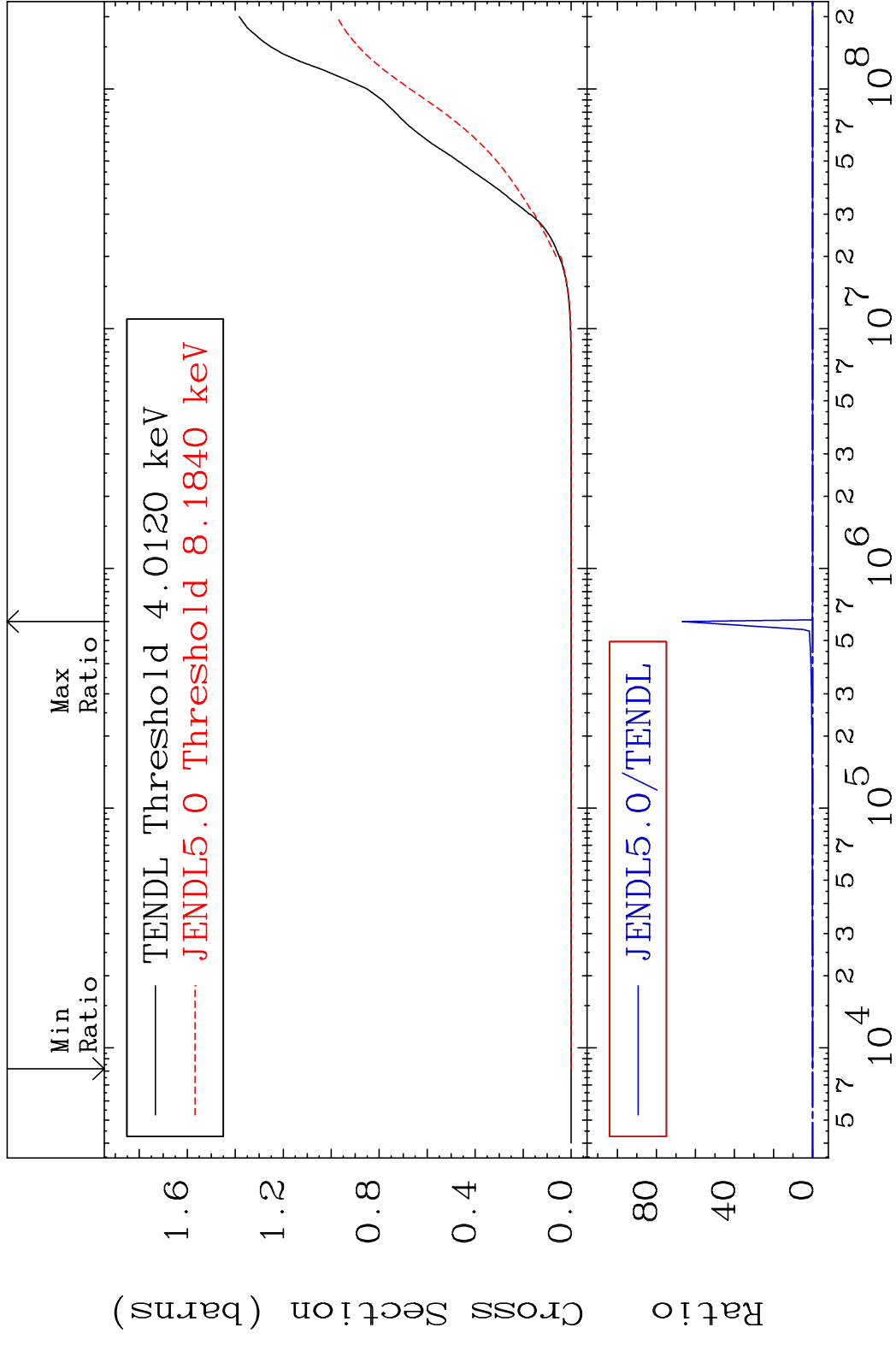
(n, α)

53-I -127

Cross Section -100.0 To 7880. %



MAT 5325 Hydrogen Production 53-I -127
 Cross Section -100.0 To 9999. %

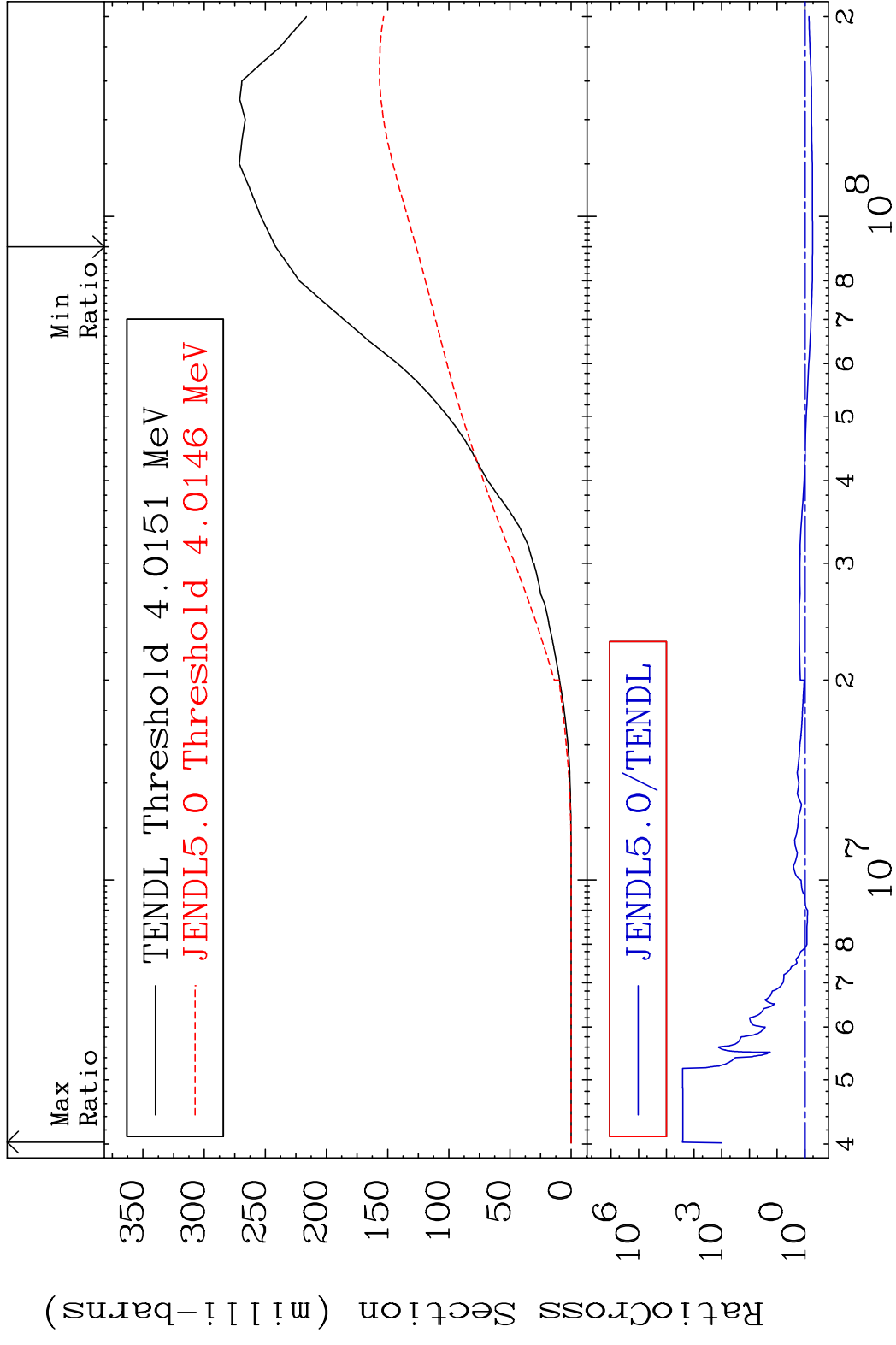


MAT 5325

Deuterium Production

53-I -127

Cross Section -47.55 To 9999. %

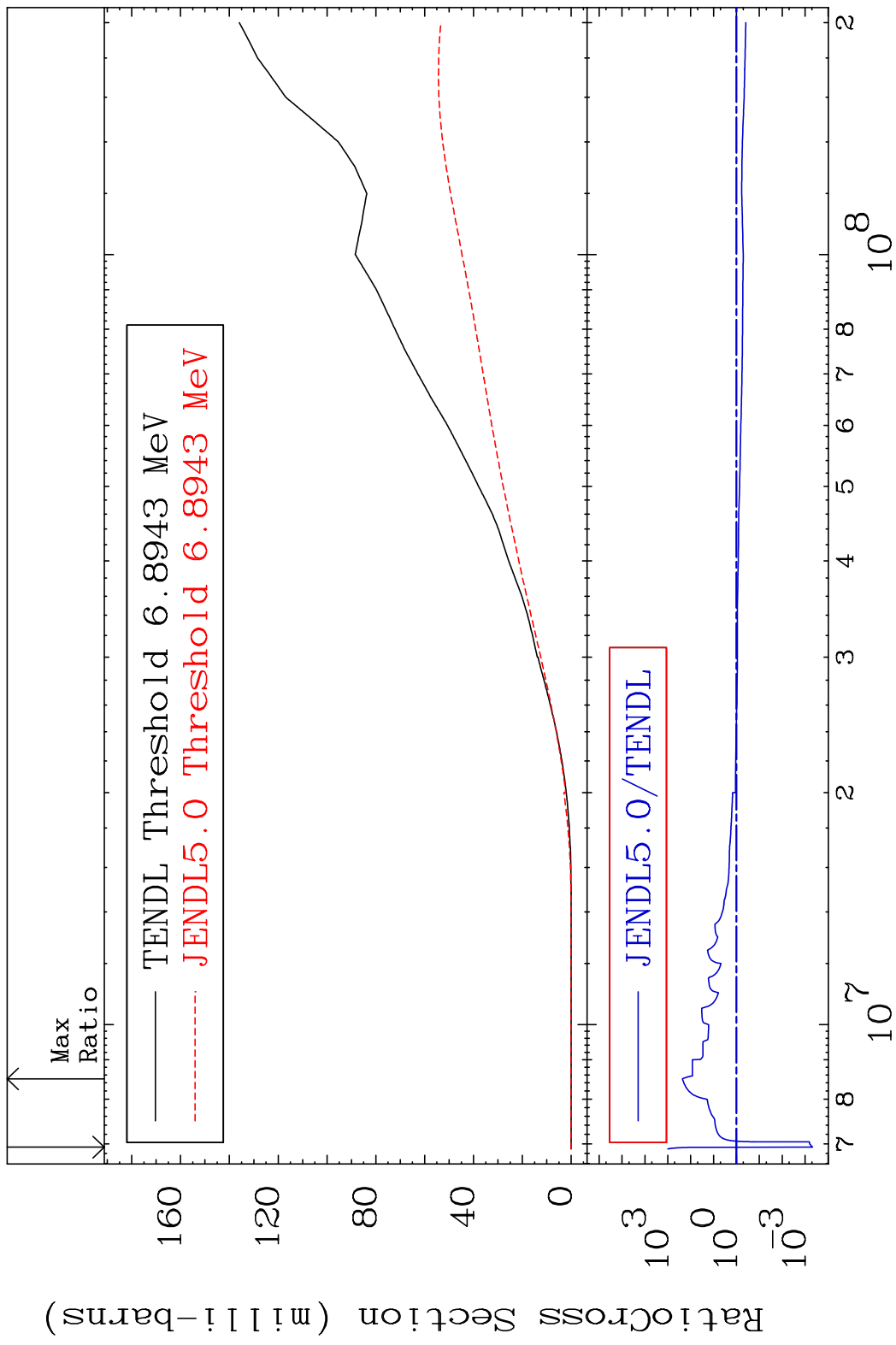


49

Incident Energy (eV)

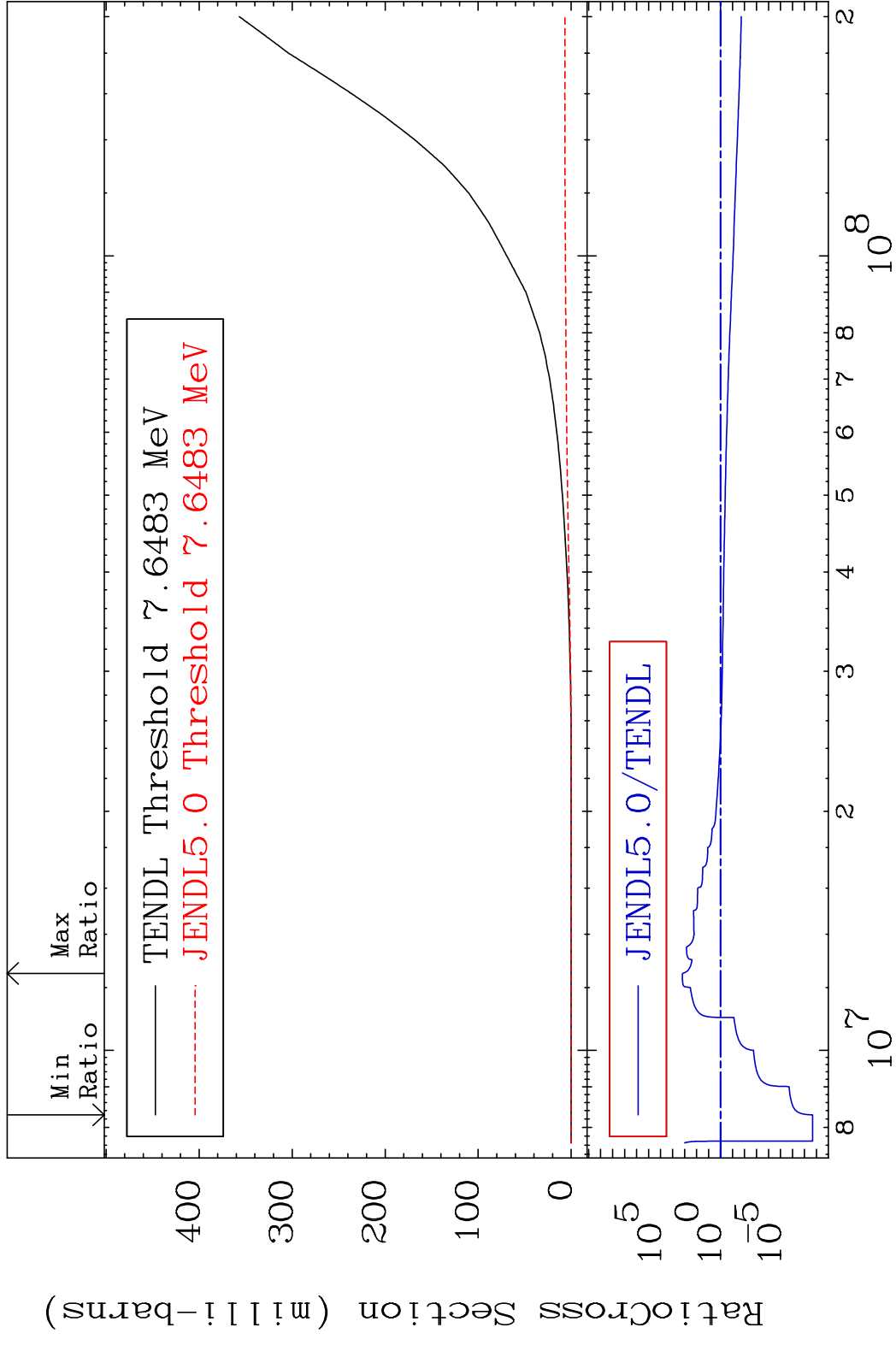
53-I -127

MAT 5325 Tritium Production 53-I -127
 Cross Section -99.95 To 9999. %



50 Incident Energy (eV) 53-I -127

Cross Section -100.0 To 9999. %

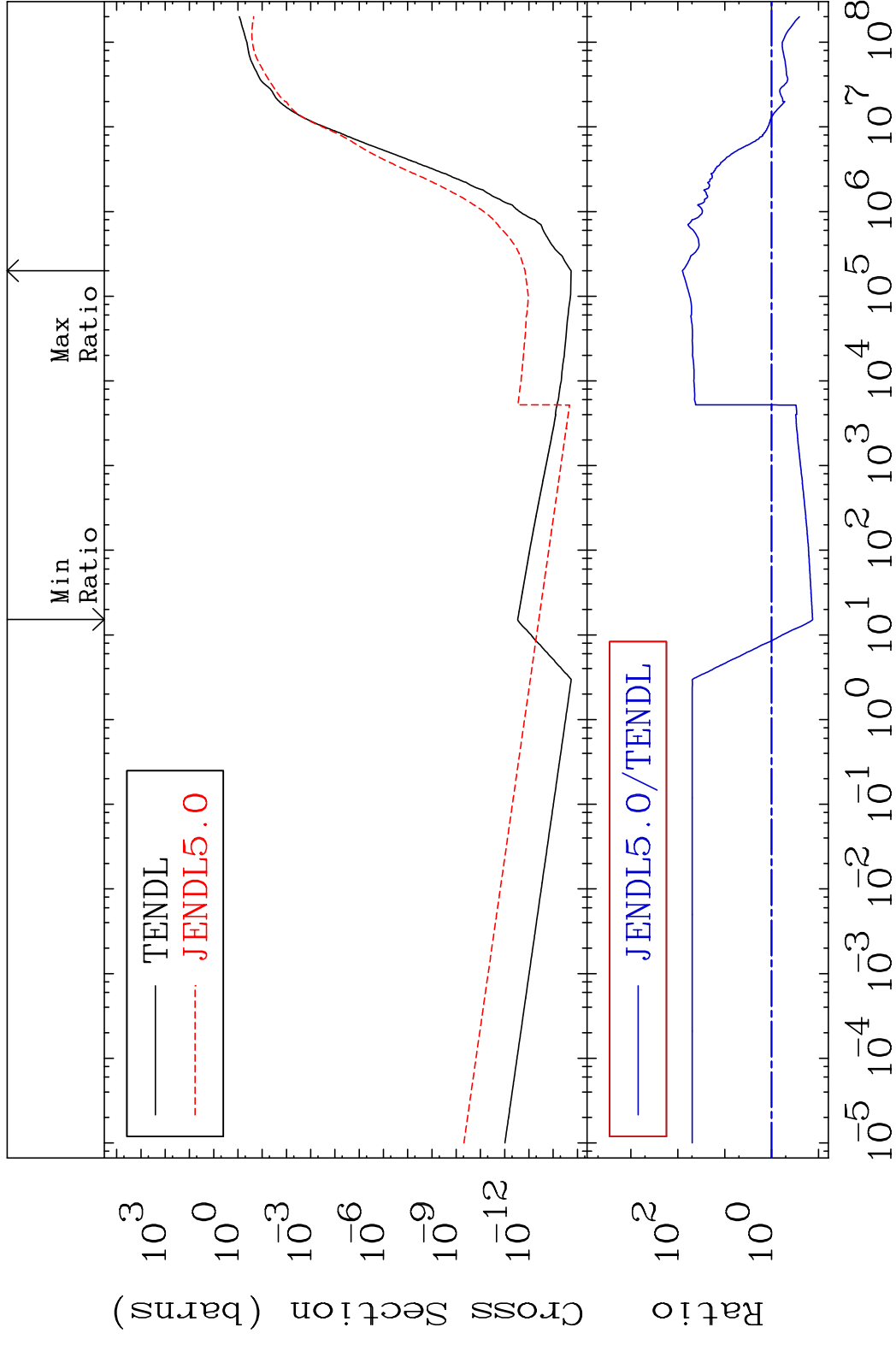


MAT 5325

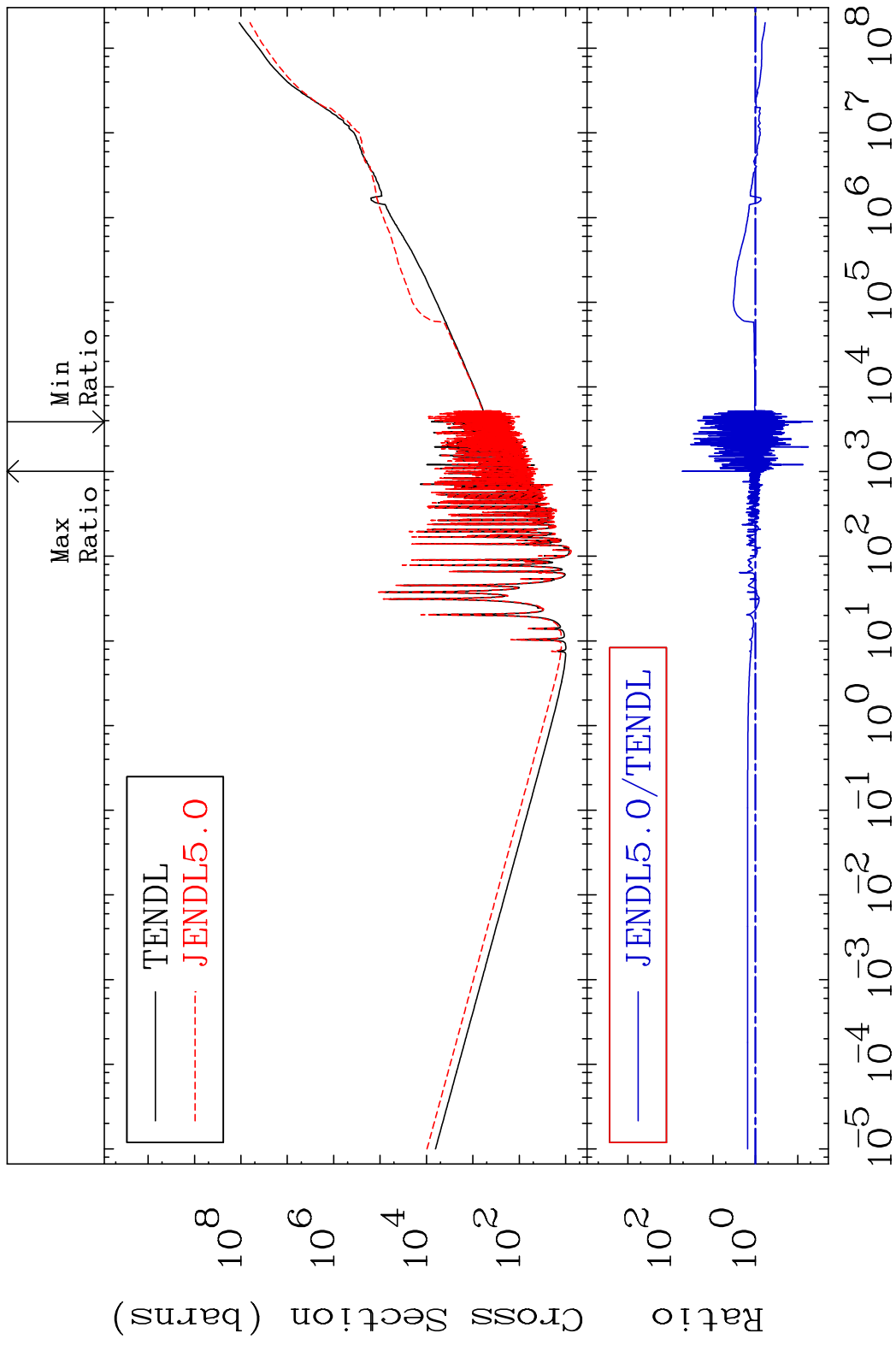
He-4 Production

53-I -127

Cross Section -86.55 To 7880. %



MAT 5325 Kerma total (eV-barns) 53-I -127
 Cross Section -95.49 To 5116. %

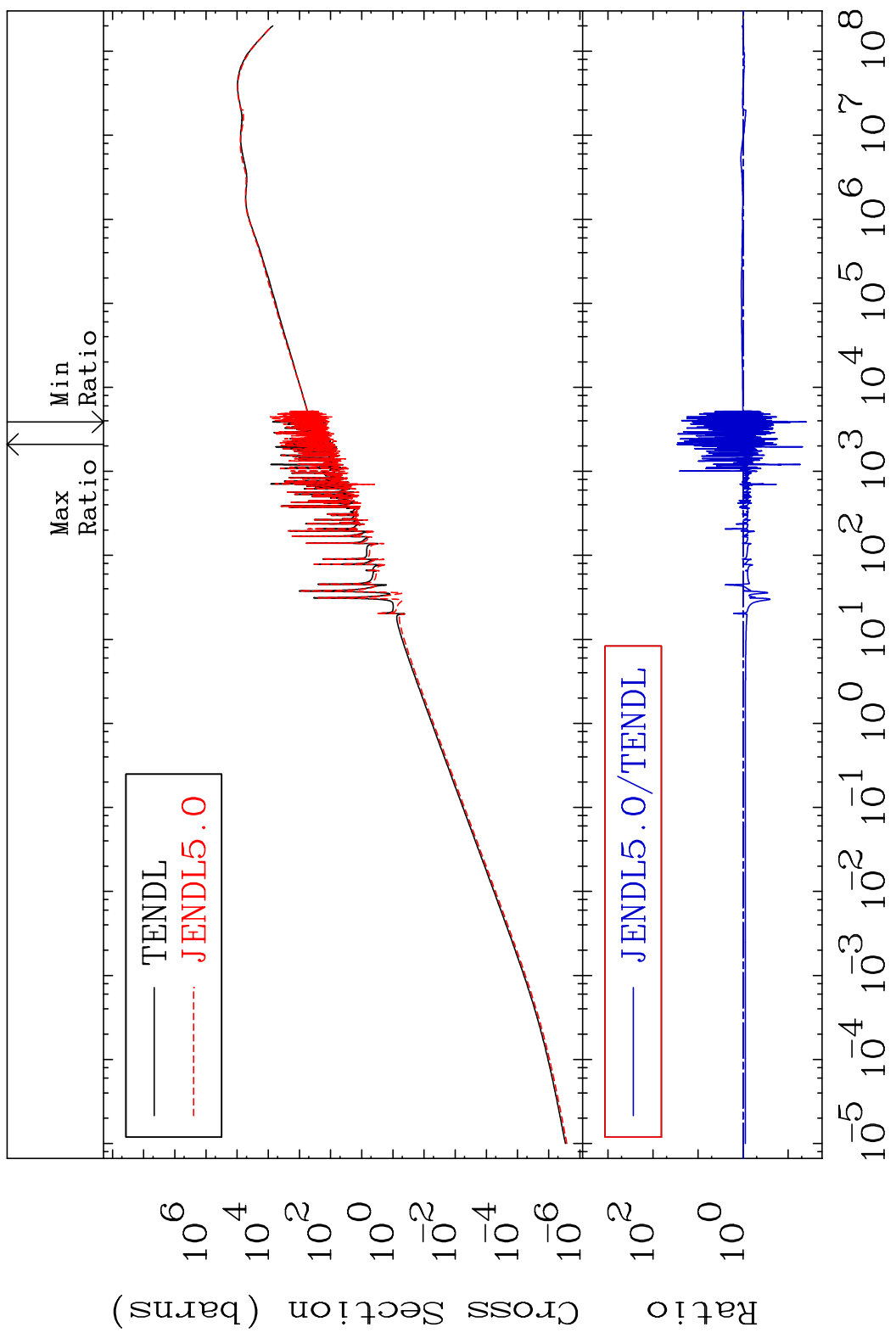


53 Incident Energy (eV) 53-I -127

MAT 5325

Kerma elastic
Cross Section -96.09 To 2805. %

53-I -127

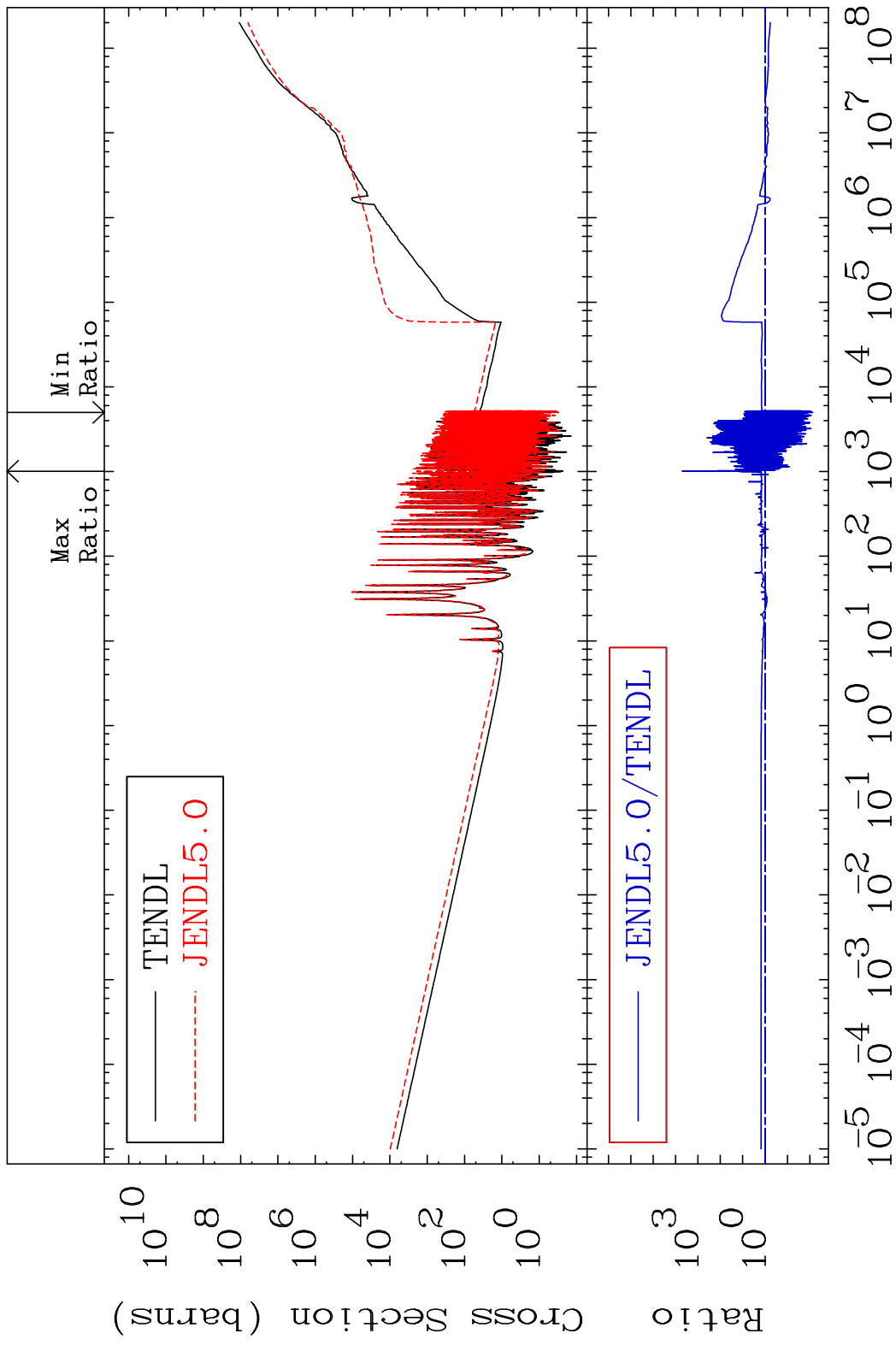


54

Incident Energy (eV)

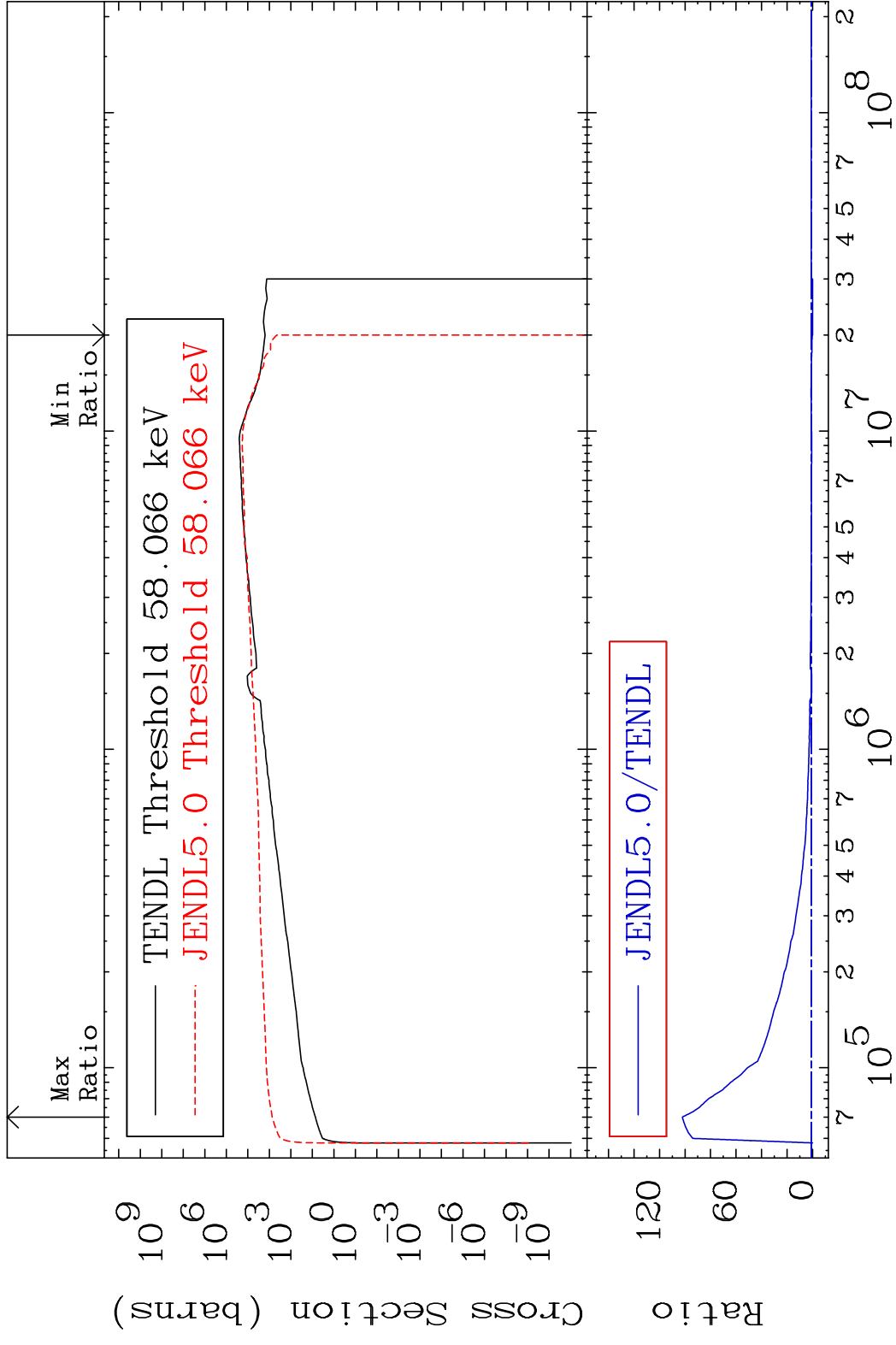
53-I -127

MAT 5325 Kerma non-elastic (all but mt2) 53-I -127
 Cross Section -99.24 To 9999. %

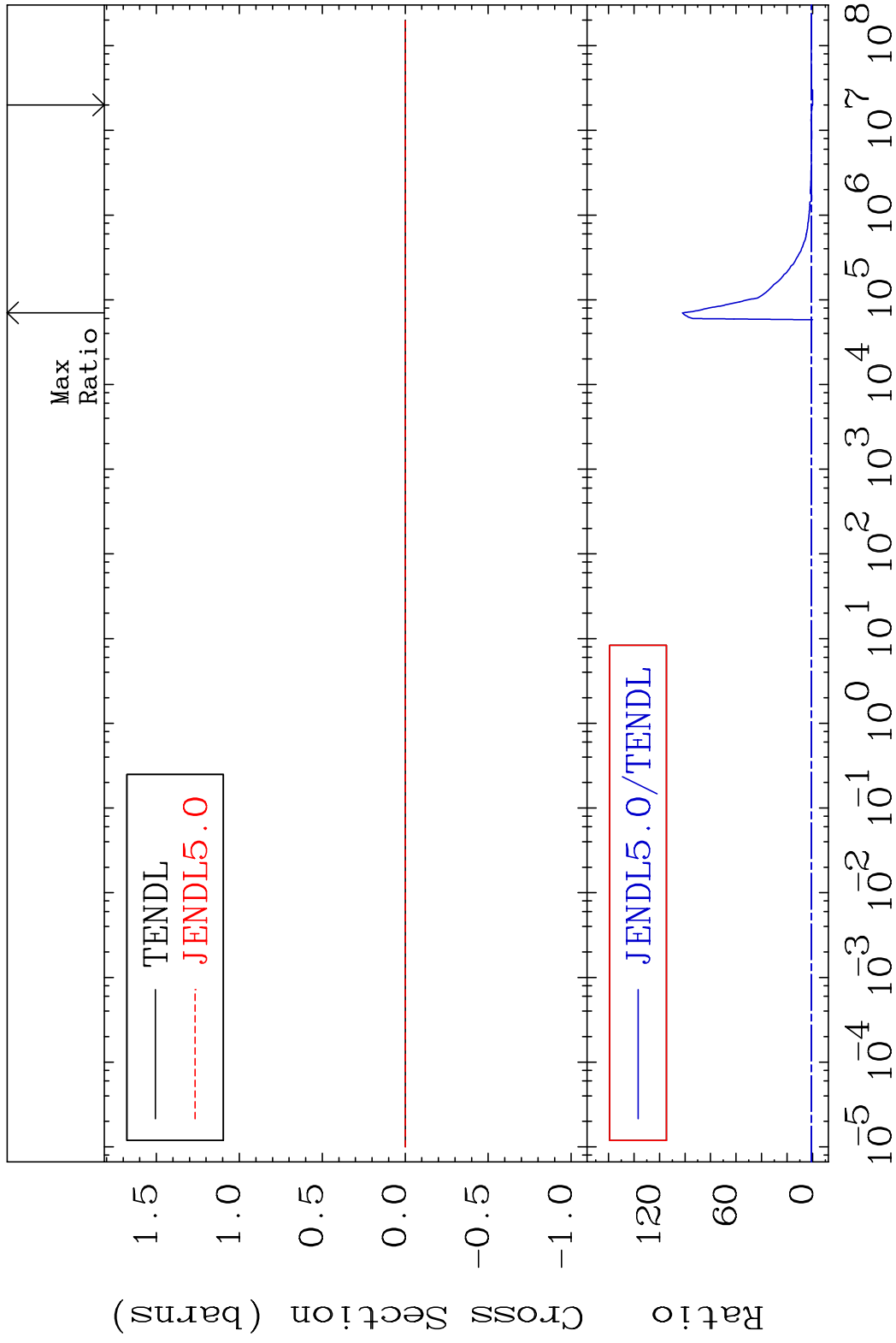


55 Incident Energy (eV) 53-I -127

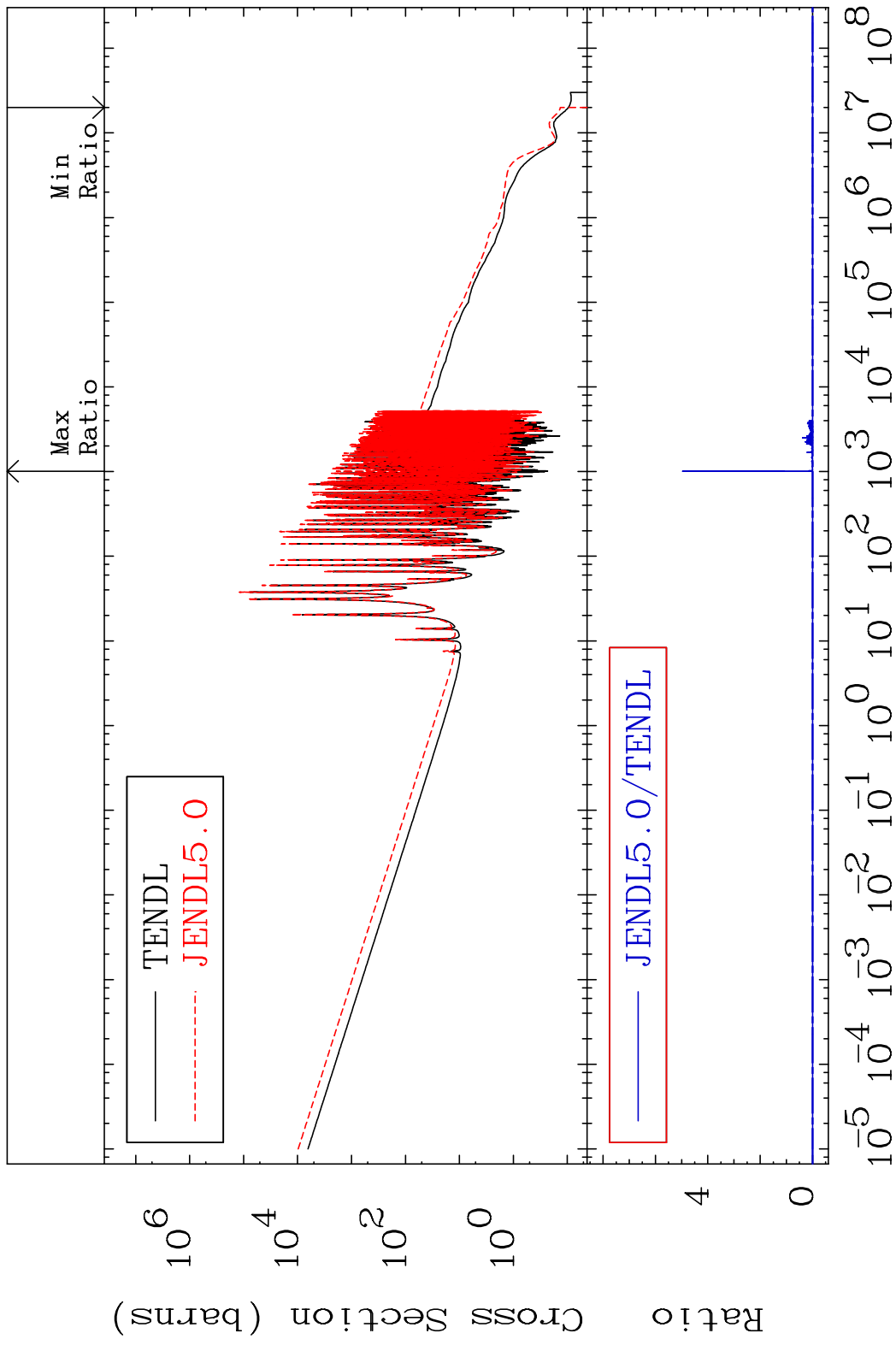
MAT 5325 Kerma inelastic (mt51-91) 53-I -127
 Cross Section -100.0 To 9999. %



MAT 5325 Kerma fission (mt18 or mt19-20-21-38)53-I -127
 Cross Section -100.0 To 9999. %

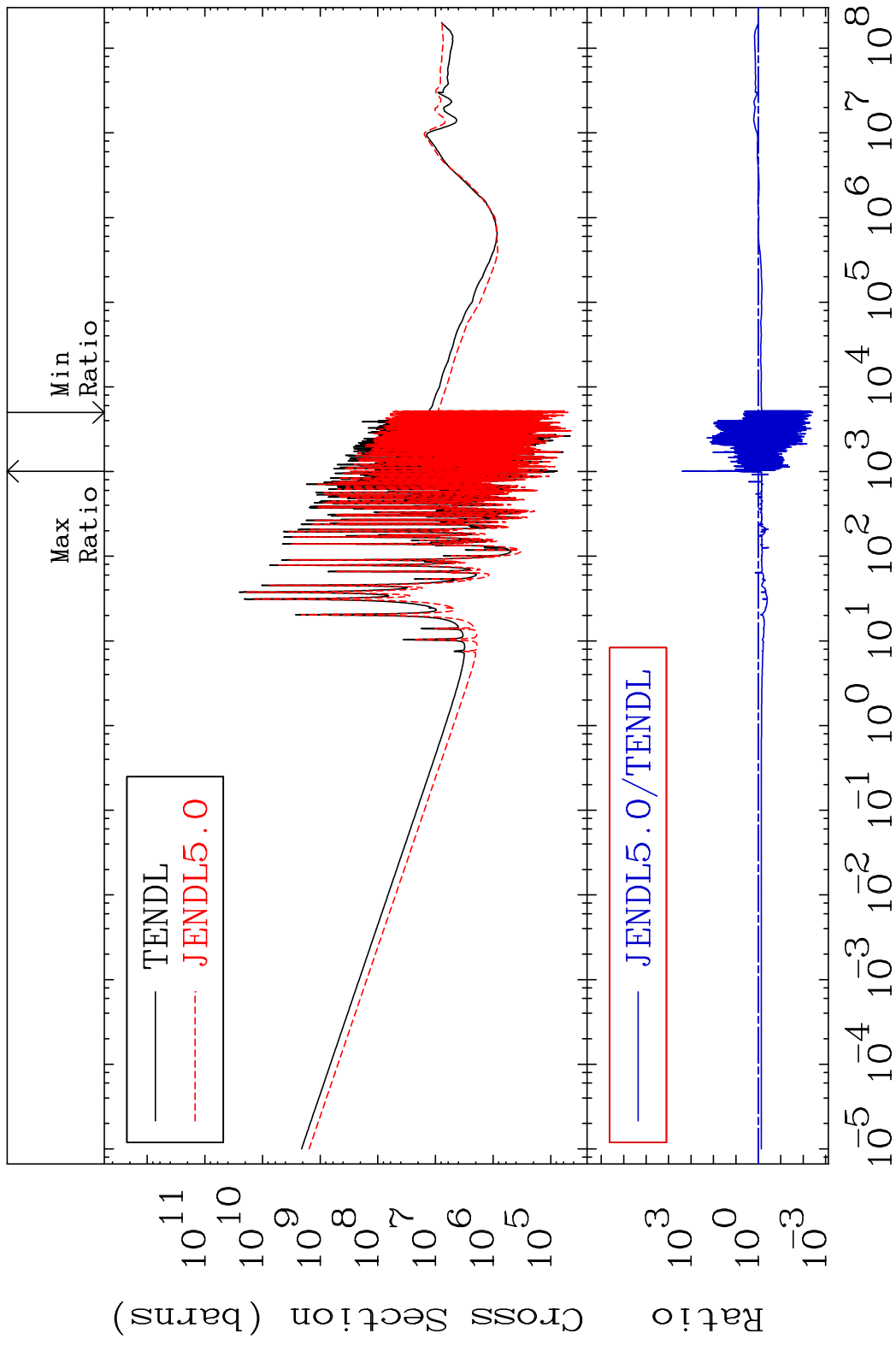


MAT 5325 Kerma capture (mt102) 53-I -127
 Cross Section -100.0 To 9999. %



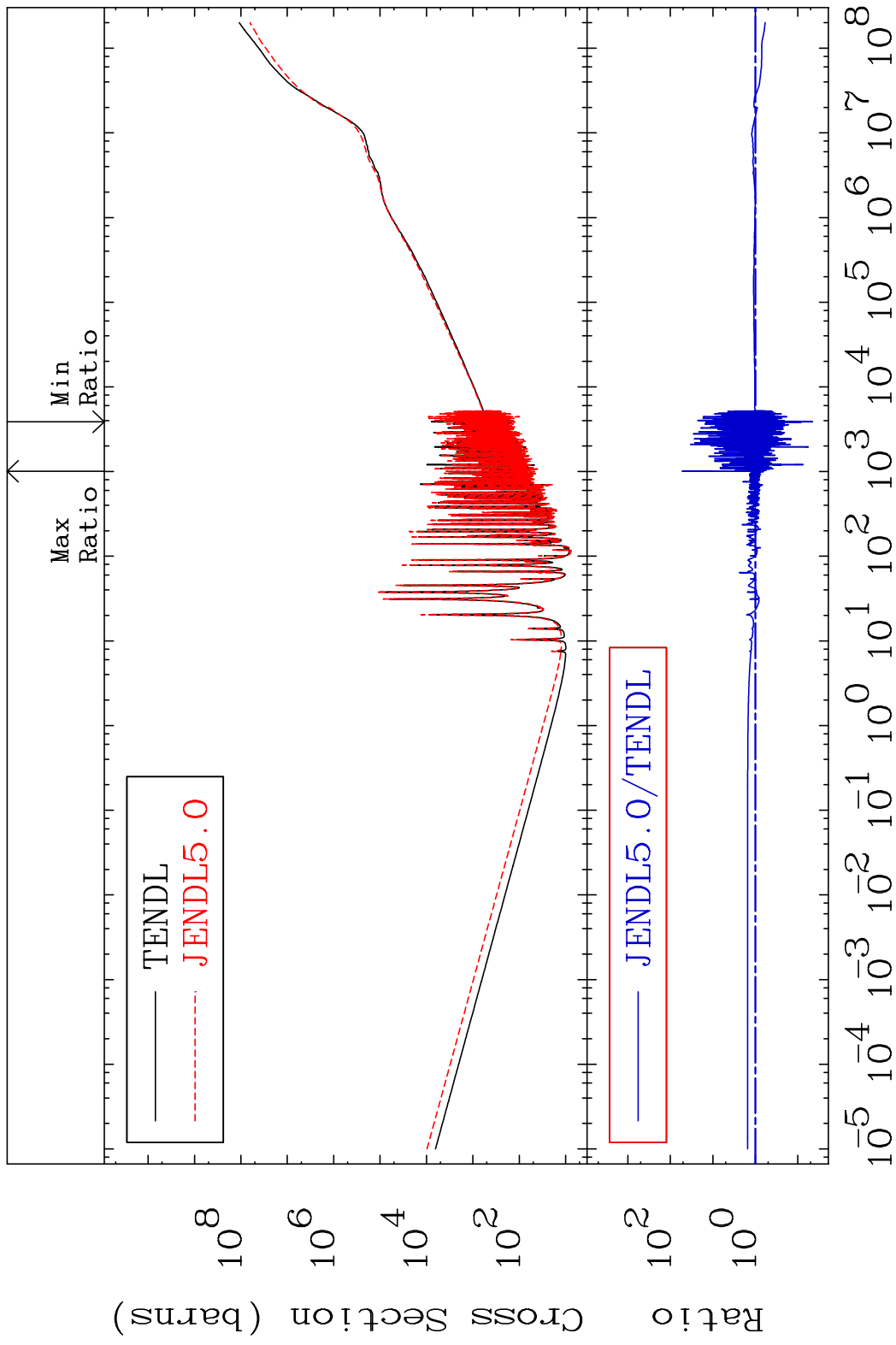
58 Incident Energy (eV) 53-I -127

MAT 5325 Total photon (eV-barns) 53-I -127
 Cross Section -99.62 To 9999. %

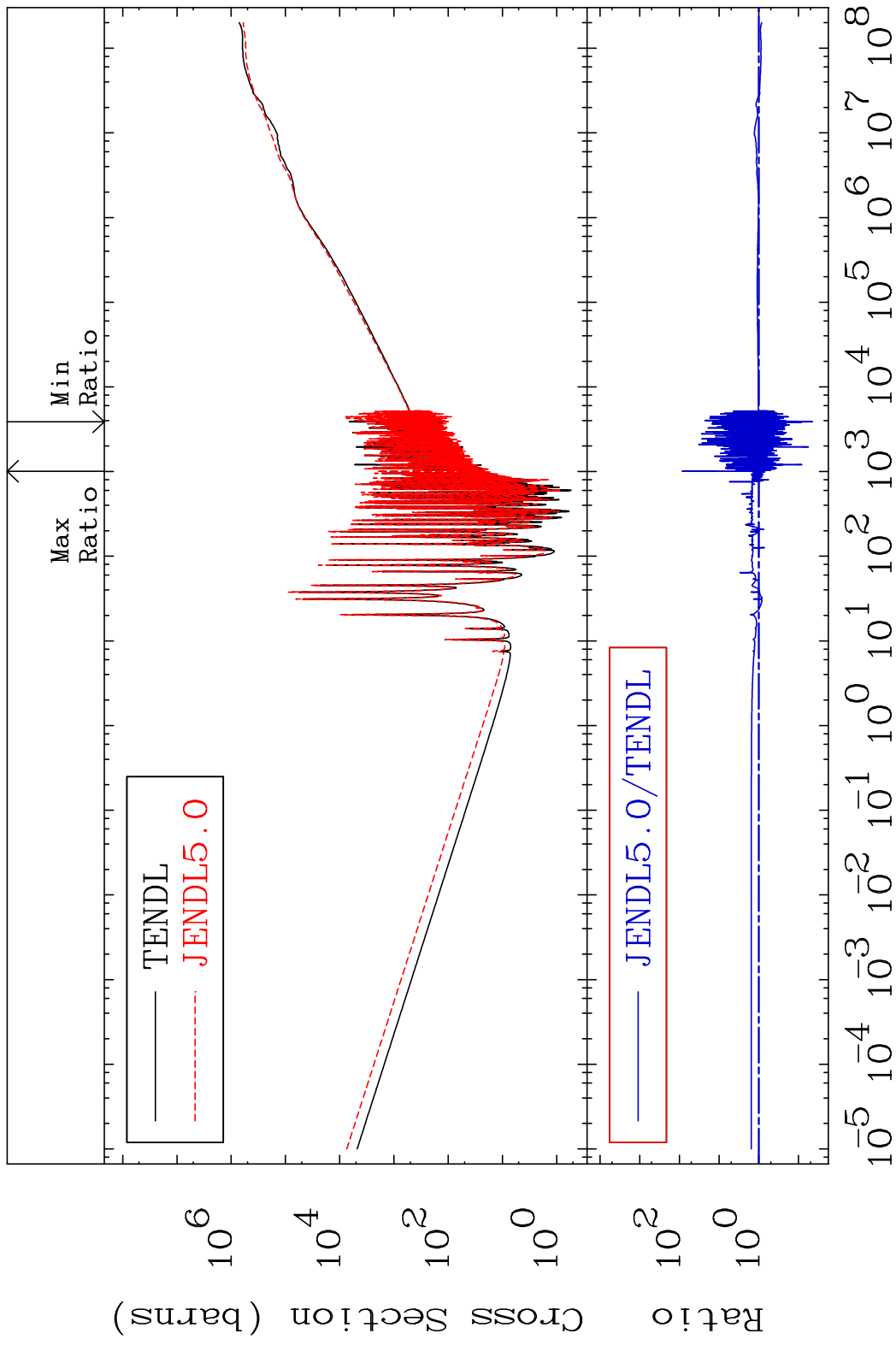


59 Incident Energy (eV) 53-I -127

MAT 5325 Total kinematic kerma (high limit) 53-I -127
Cross Section -95.49 To 5116. %



MAT 5325 Dpa total (eV-barns) 53-I -127
 Cross Section -95.56 To 8333. %

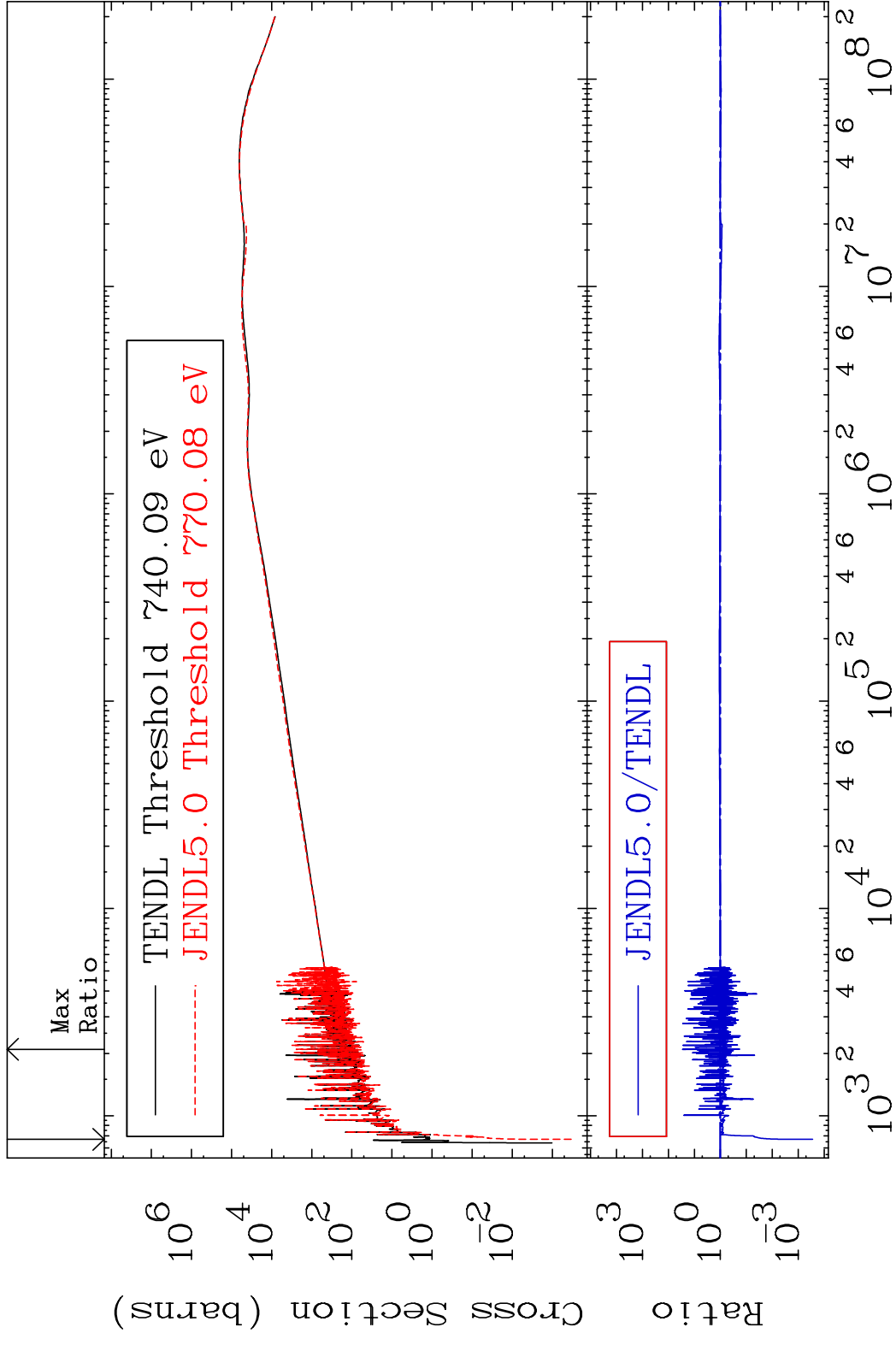


MAT 5325

Dpa elastic (mt2)

53-I -127

Cross Section -99.97 To 2804. %

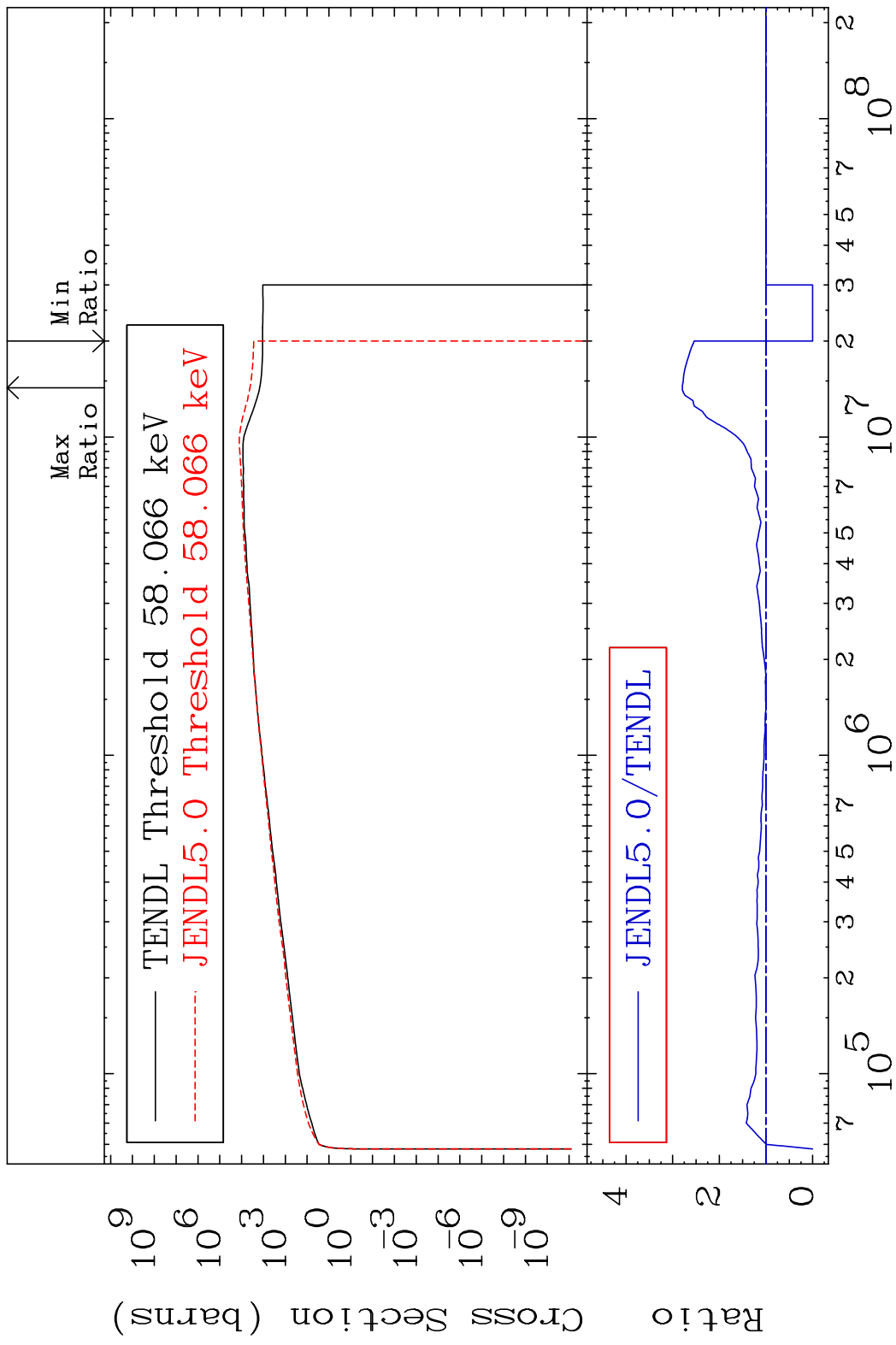


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Incident Energy (eV)

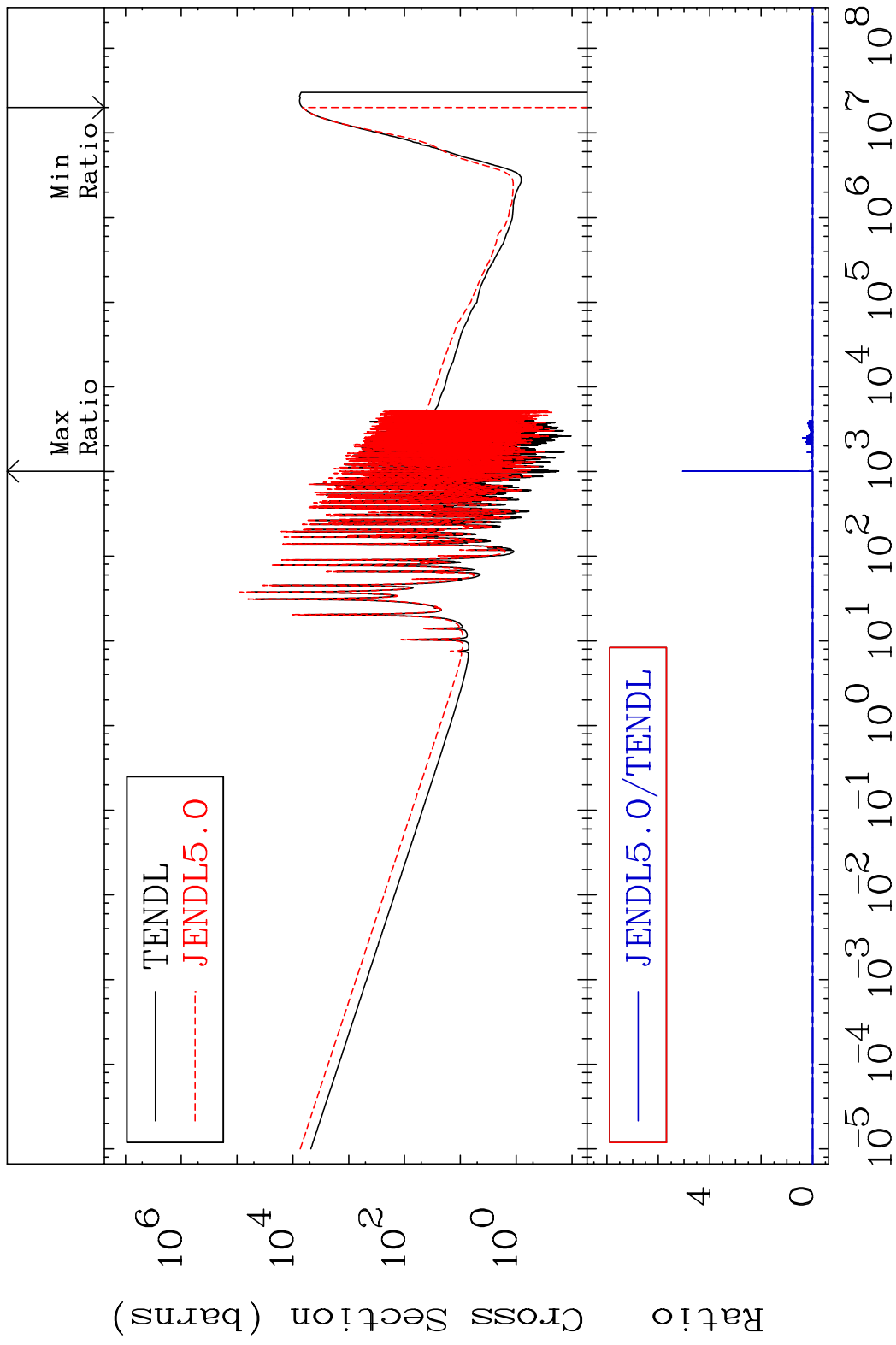
53-I -127

MAT 5325 Dpa inelastic (mt51-91) 53-I -127
 Cross Section -100.0 To 179.2 %

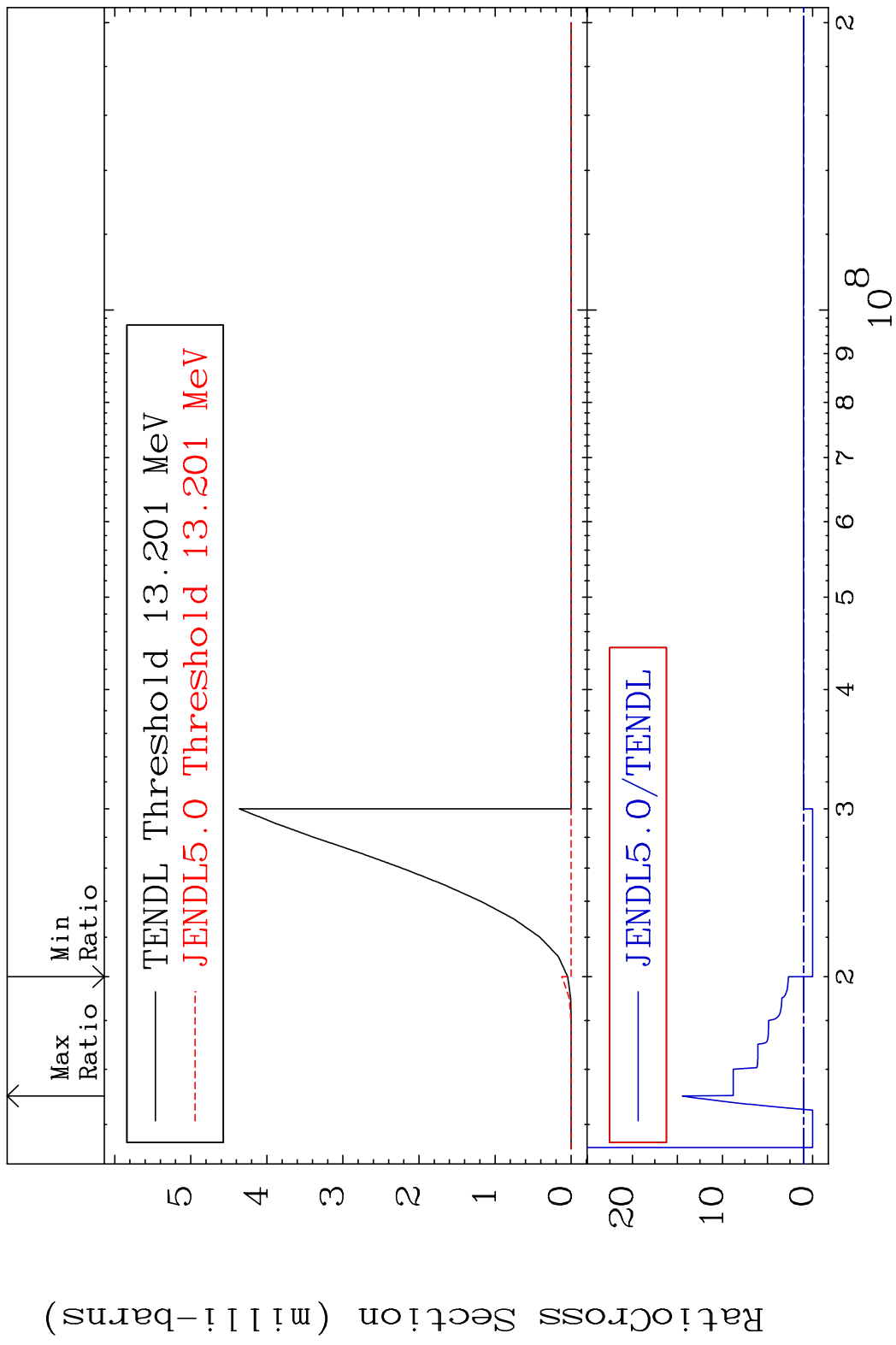


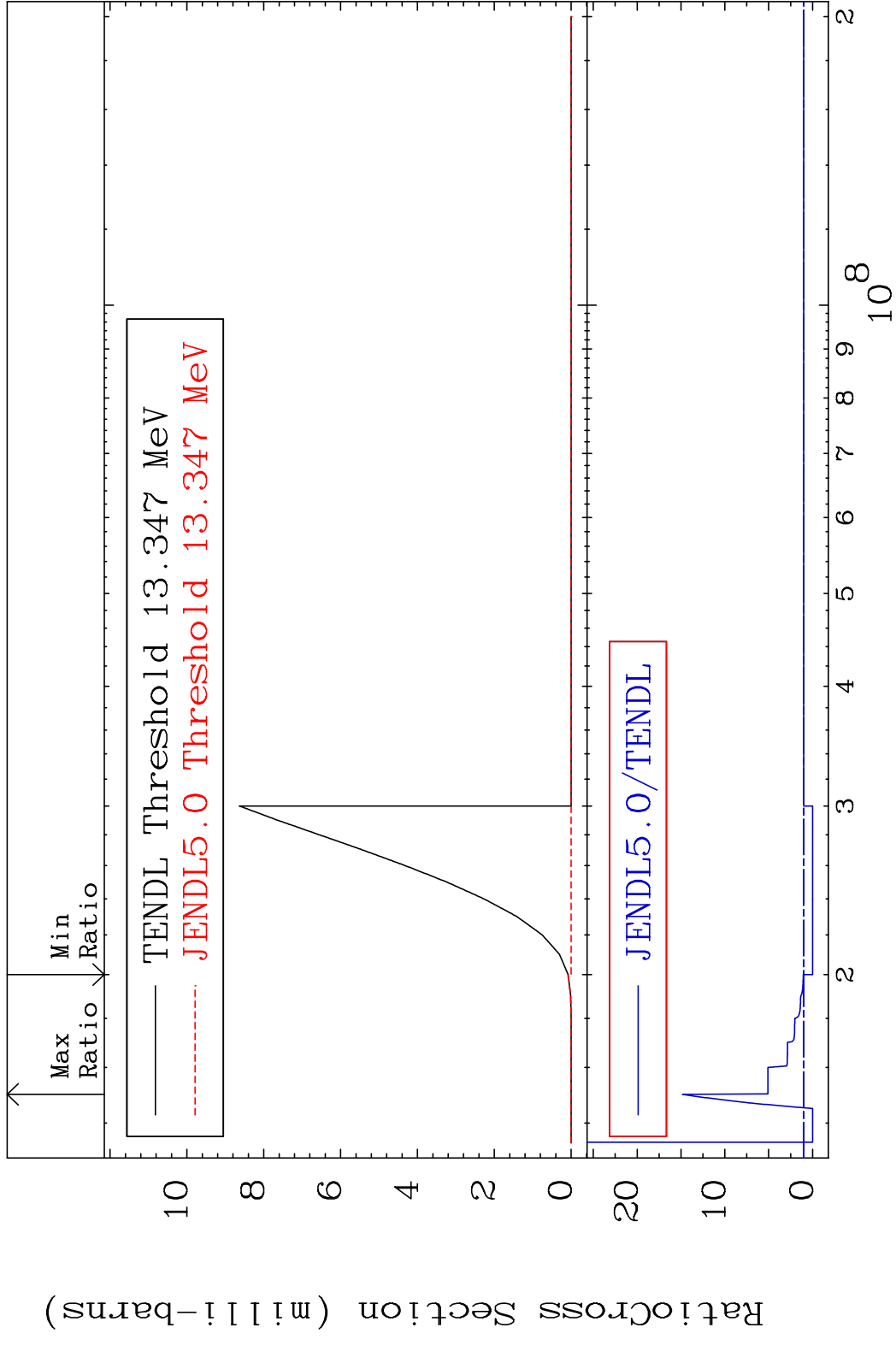
63 Incident Energy (eV) 53-I -127

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

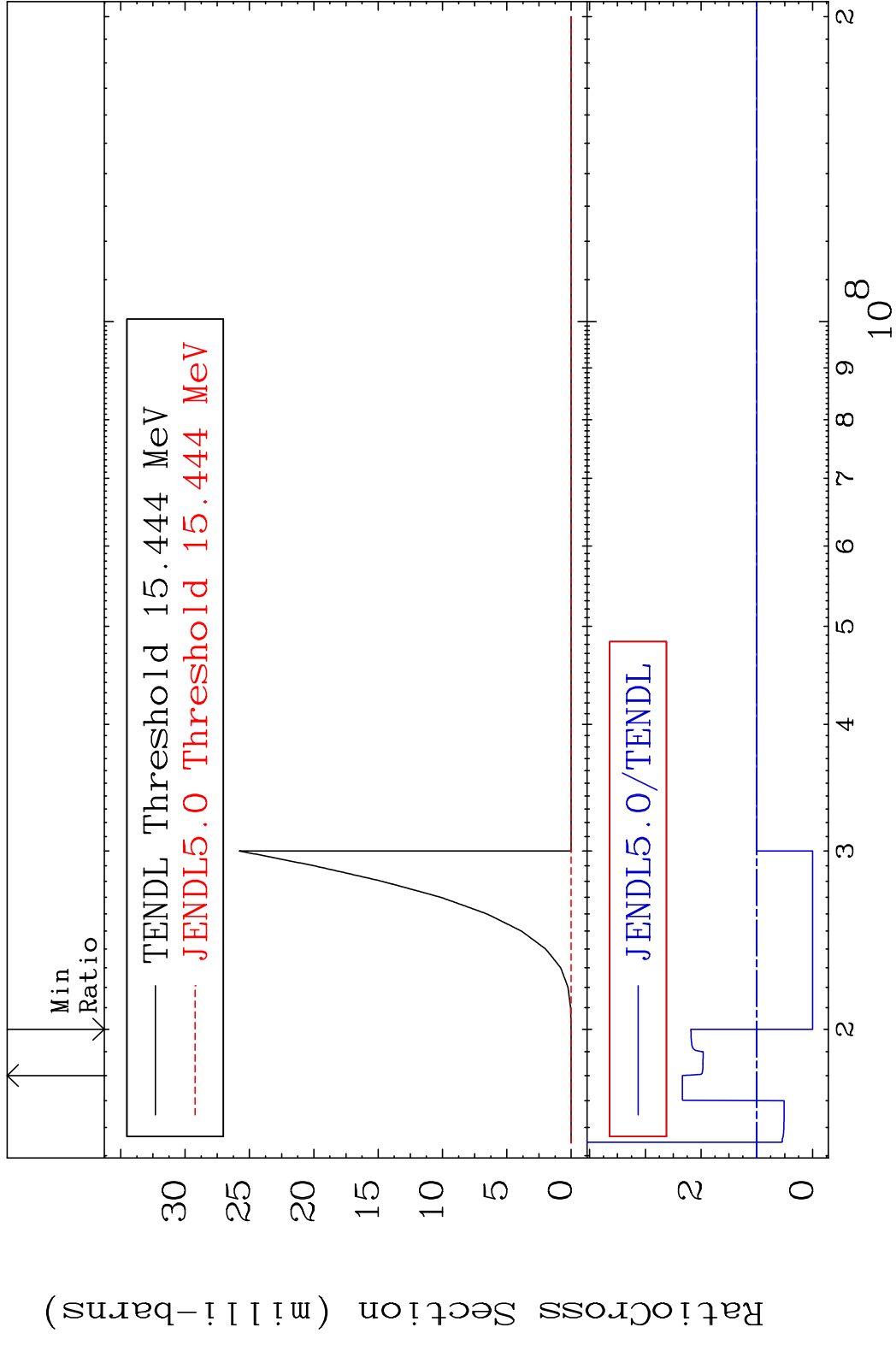


64 Incident Energy (eV) 53-I -127

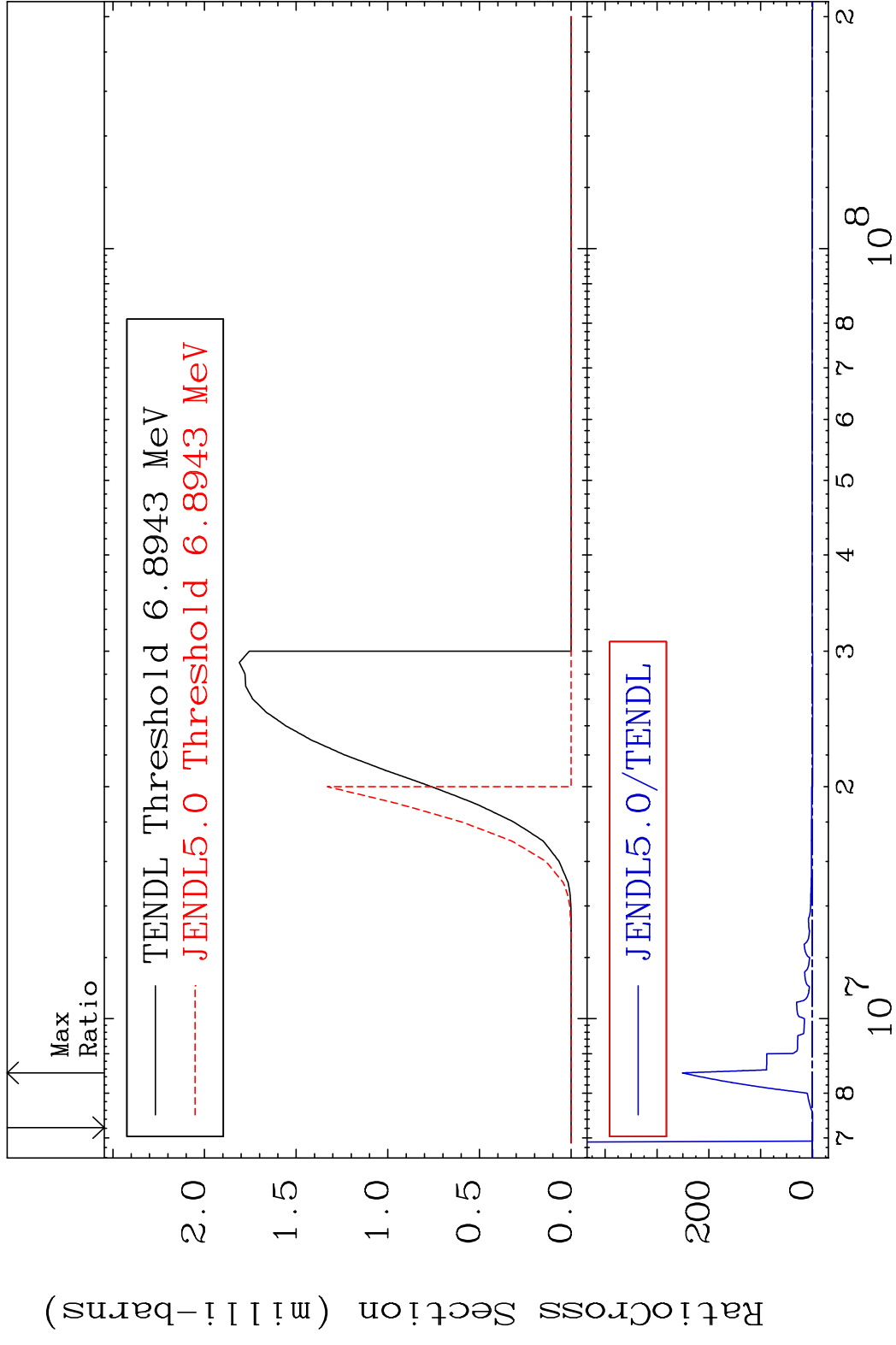




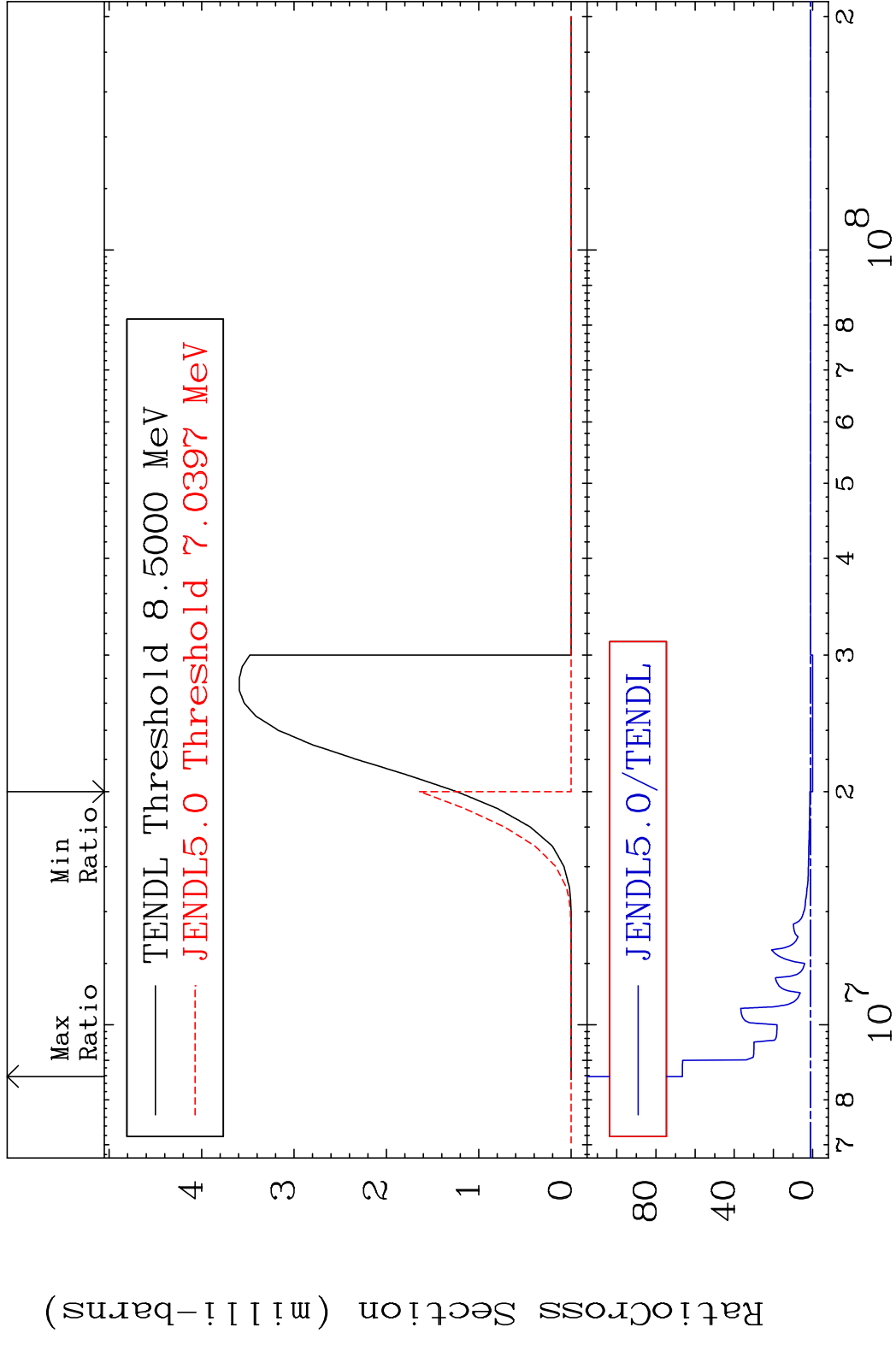
MAT 5325 (n,2n) p:52-Te-125g 53-I -127
 Radionuclide Production Cross Section 133.6 %



MAT 5325 (n,t):52-Te-125g 53-I -127
 Radionuclide Production Cross Section 100.00 dth 9999. %



MAT 5325 (n, t):52-Te-125m2 53-I -127
 Radionuclide Production Cross Section 6552. %



70 Incident Energy (eV) 53-I -127