

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

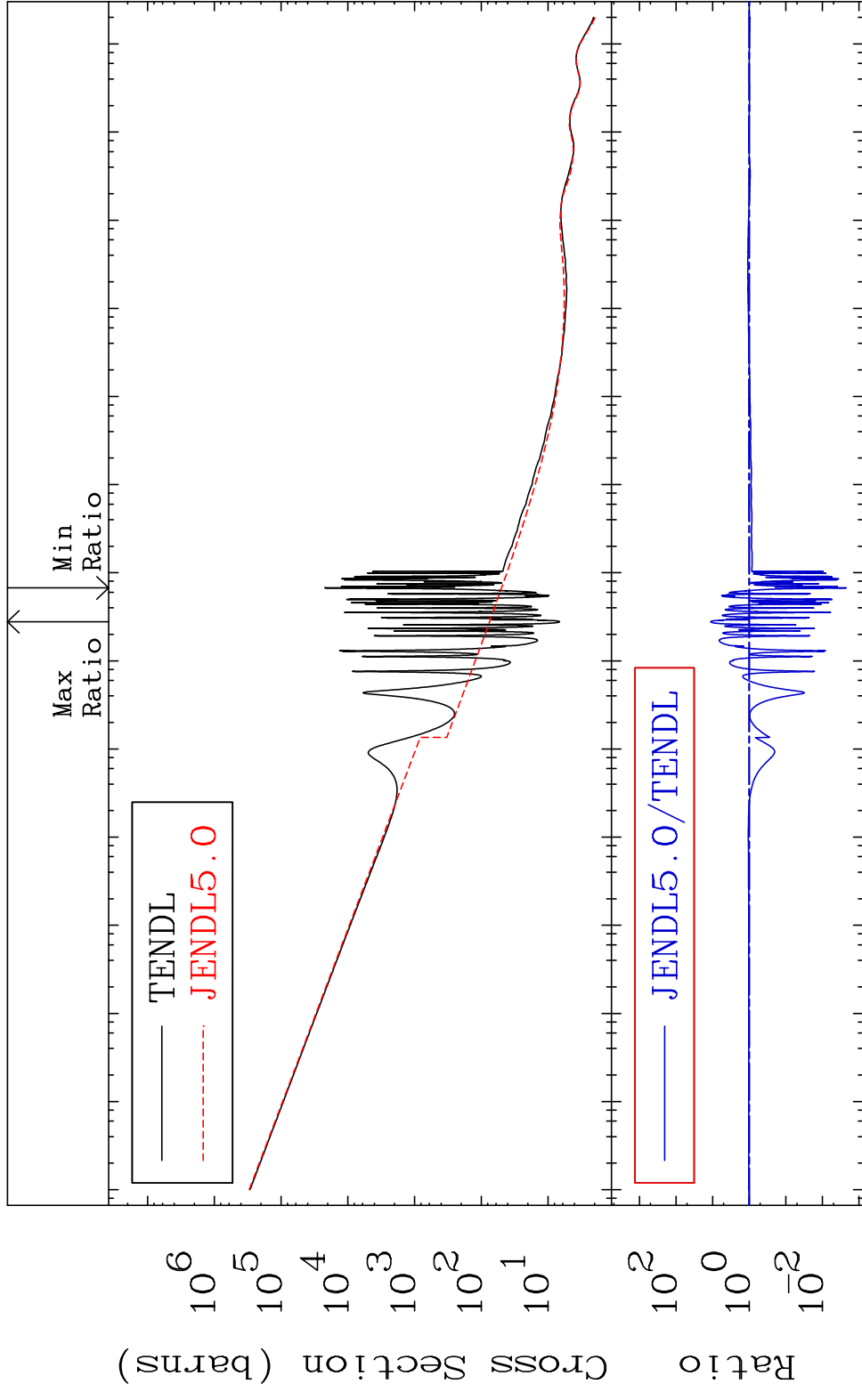
Tele: 925-443-1911

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5322

Total Cross Section 53-I -126
-99.78 To 1027. %



1 Incident Energy (eV) 53-I -126

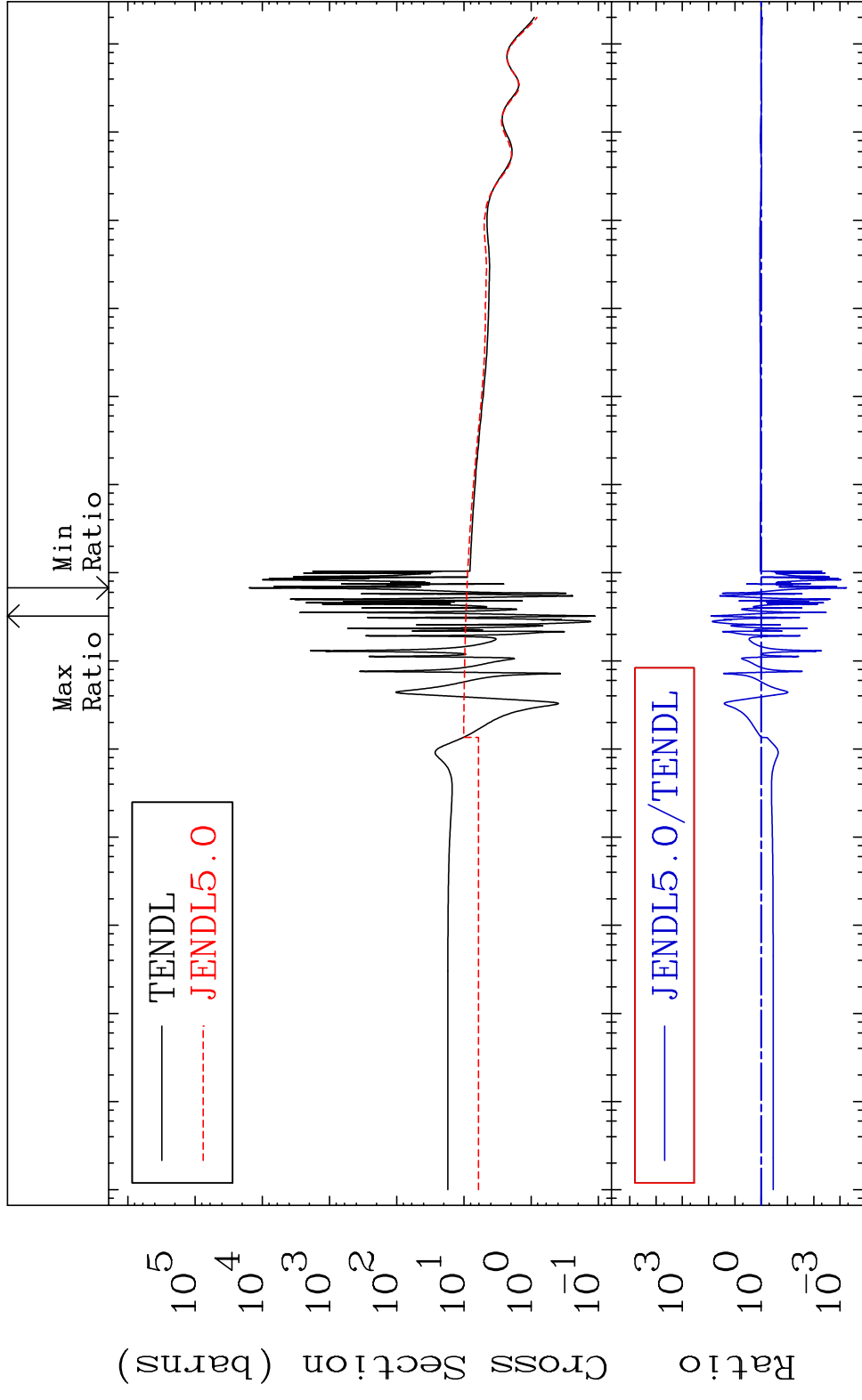
MAT 5322

Elastic

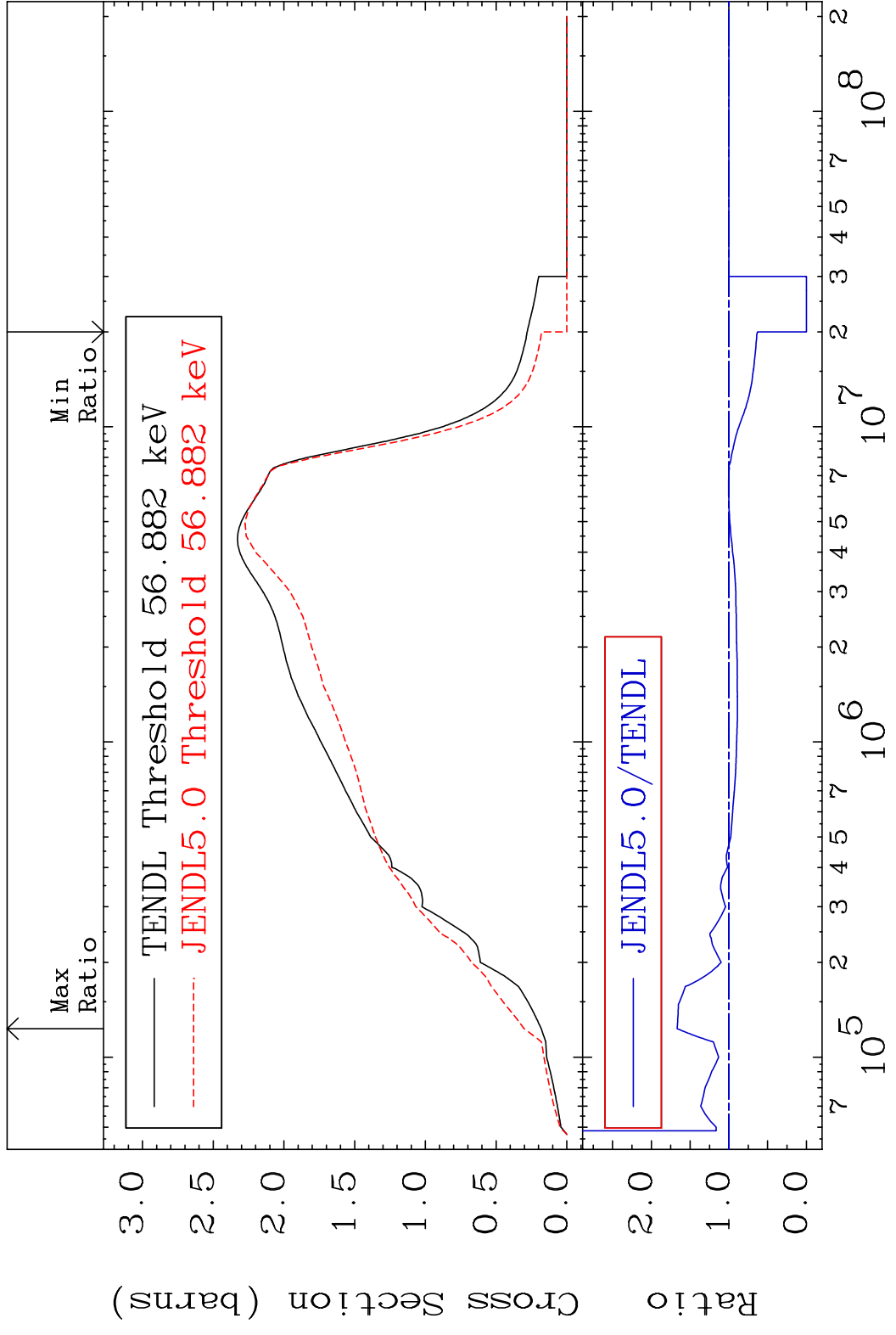
53-I -126

Cross Section

-99.94 To 8219. %



MAT 5322 Inelastic 53-I -126
 Cross Section -100.0 To 66.66 %

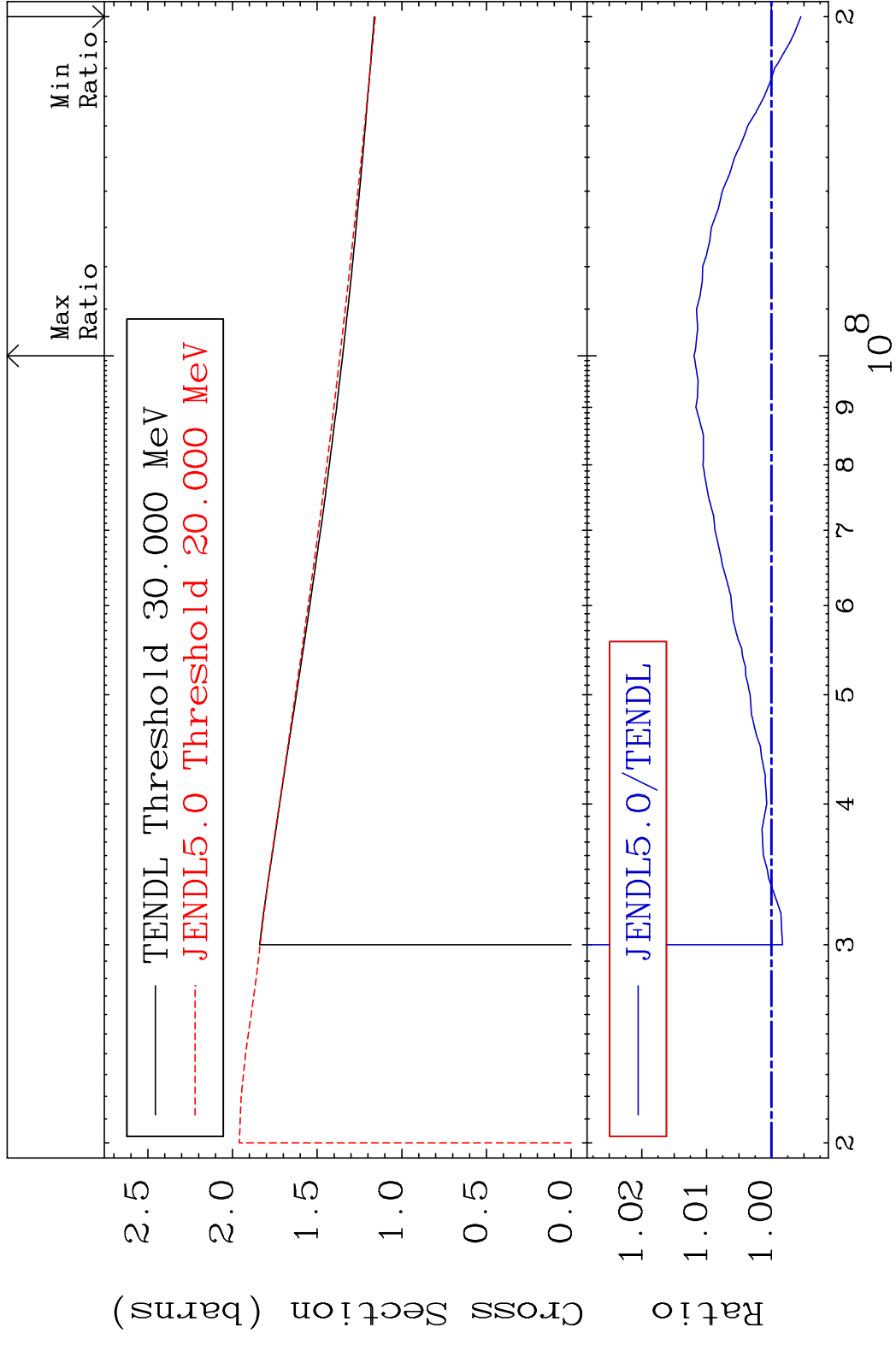


MAT 5322

(n, remainder)

53-I -126

Cross Section -0.453 To 1.193 %



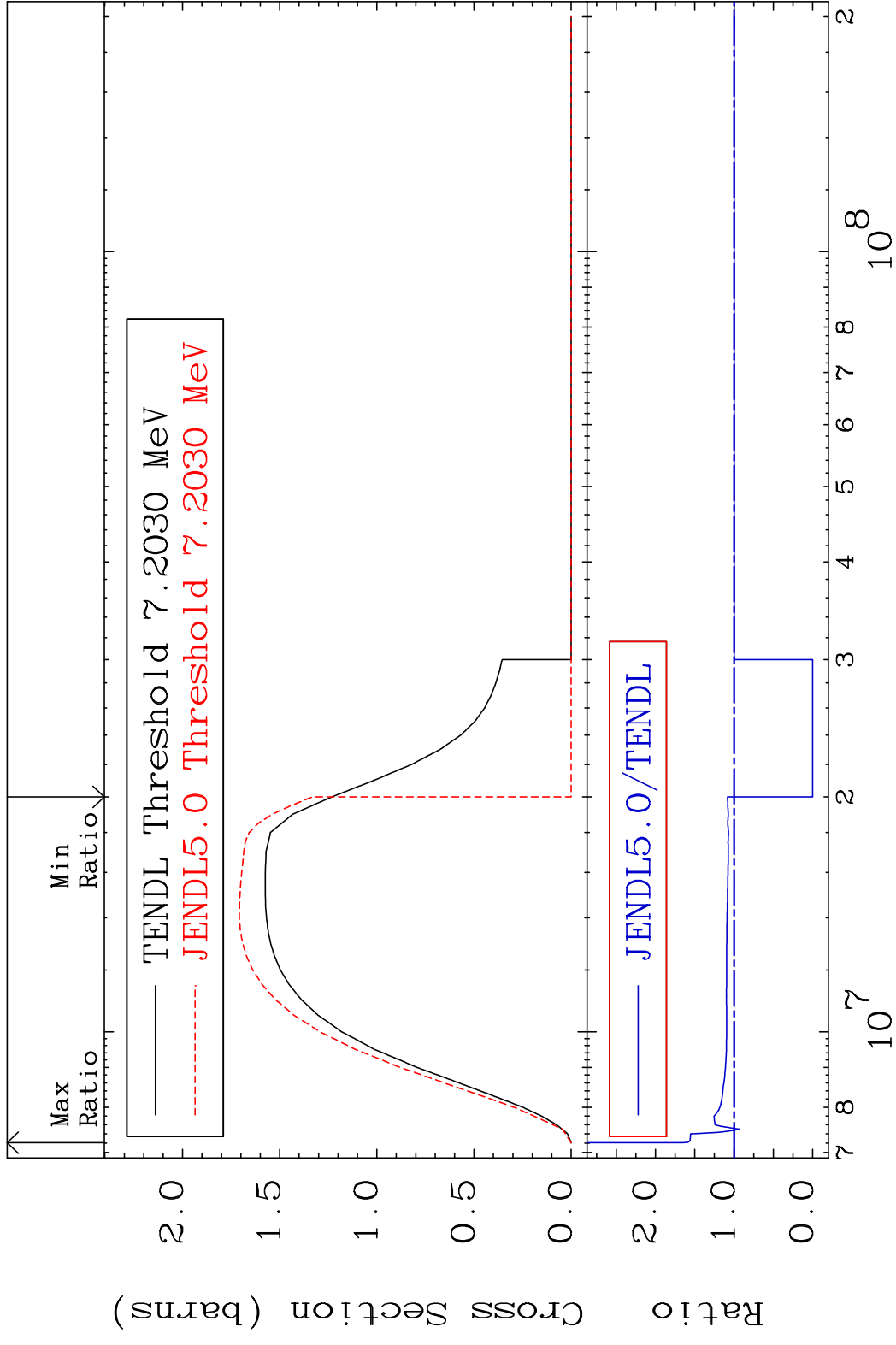
4 Incident Energy (eV) 53-I -126

MAT 5322

(n,2n)

53-I -126

Cross Section -100.0 To 65.84 %



5

Incident Energy (eV)

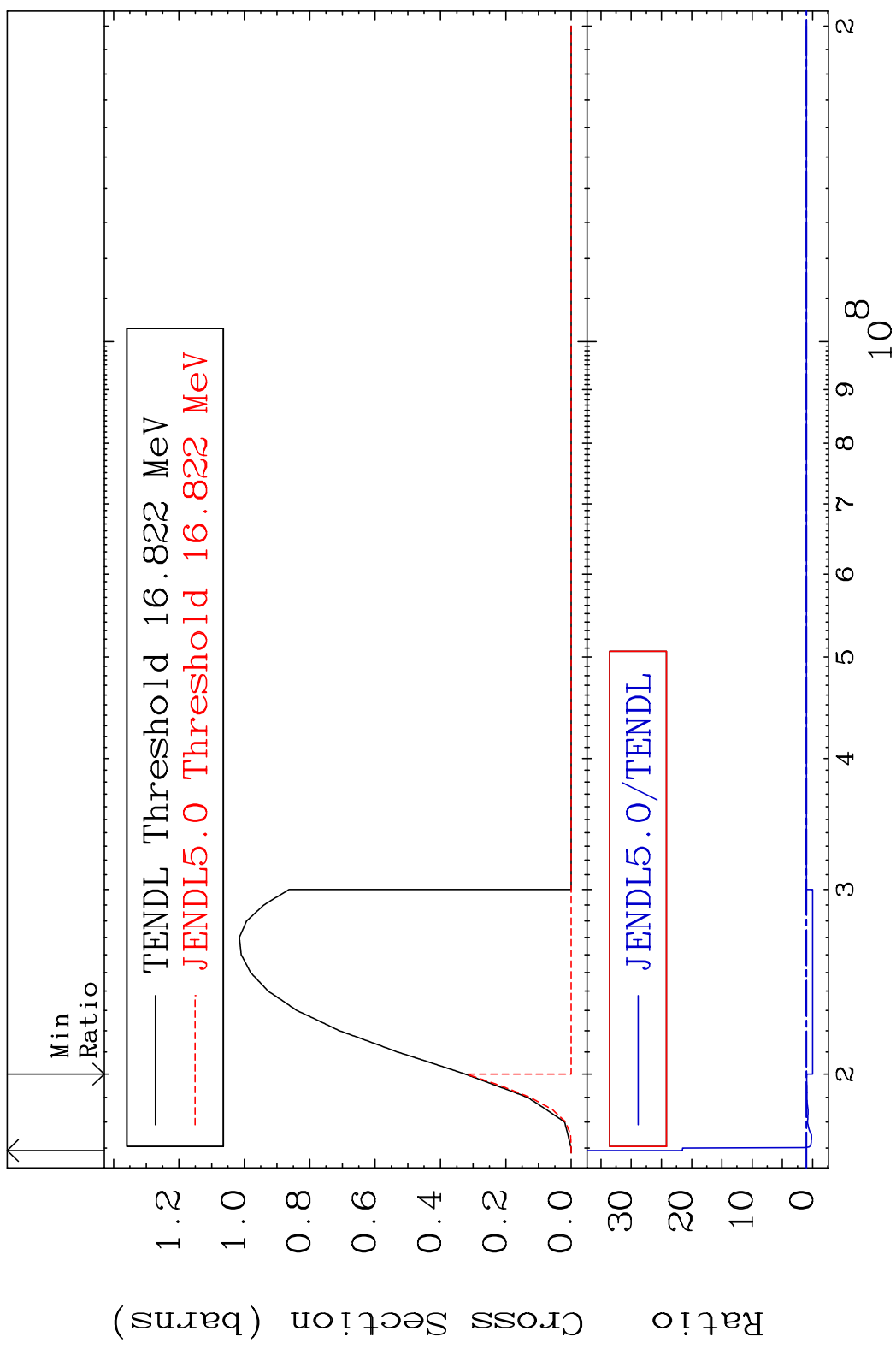
53-I -126

MAT 5322

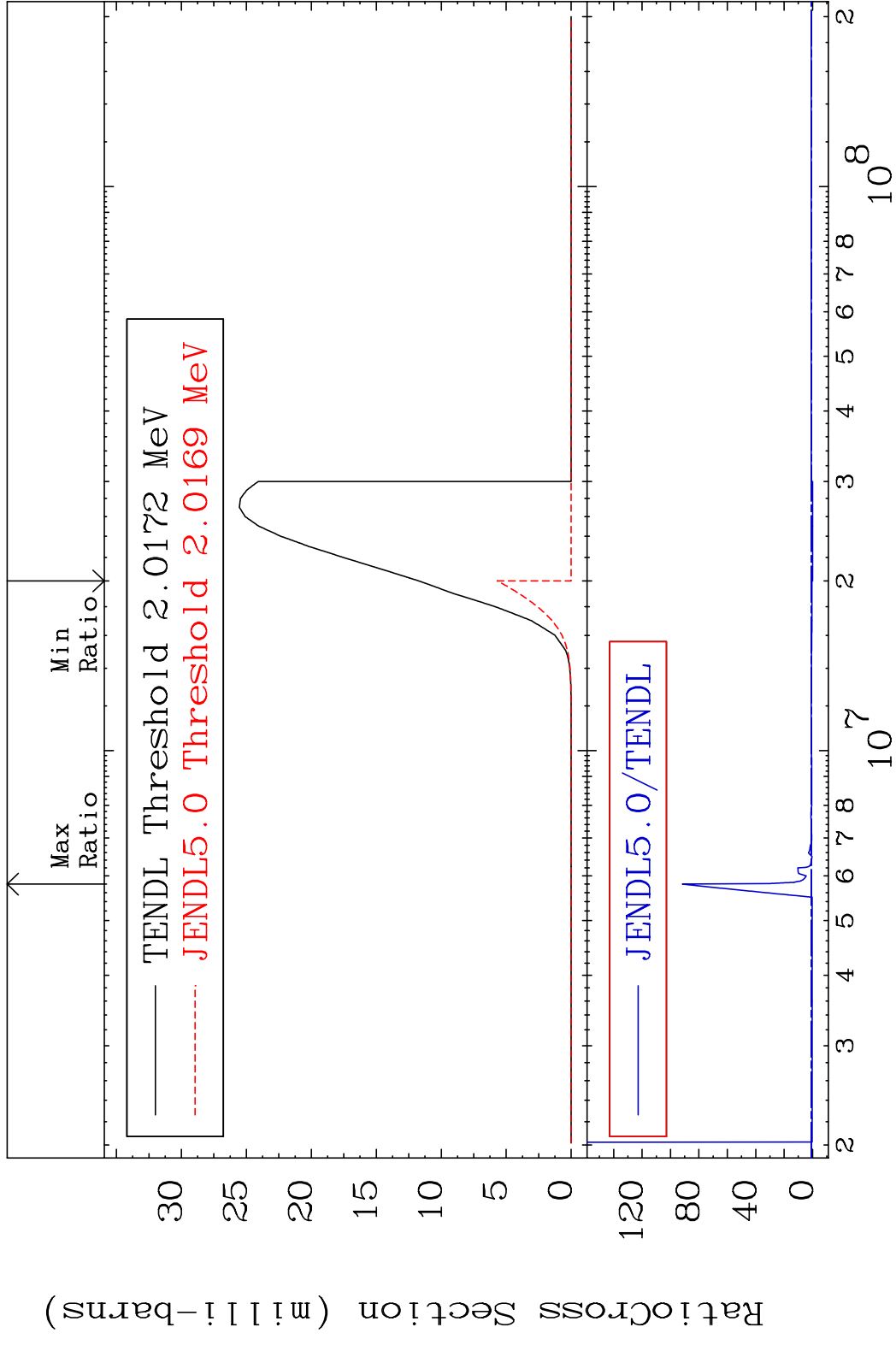
(n,3n)

53-I -126

Cross Section -100.0 To 2053. %



MAT 5322 (n, n') α 53-I -126
 Cross Section -100.0 To 9066. %

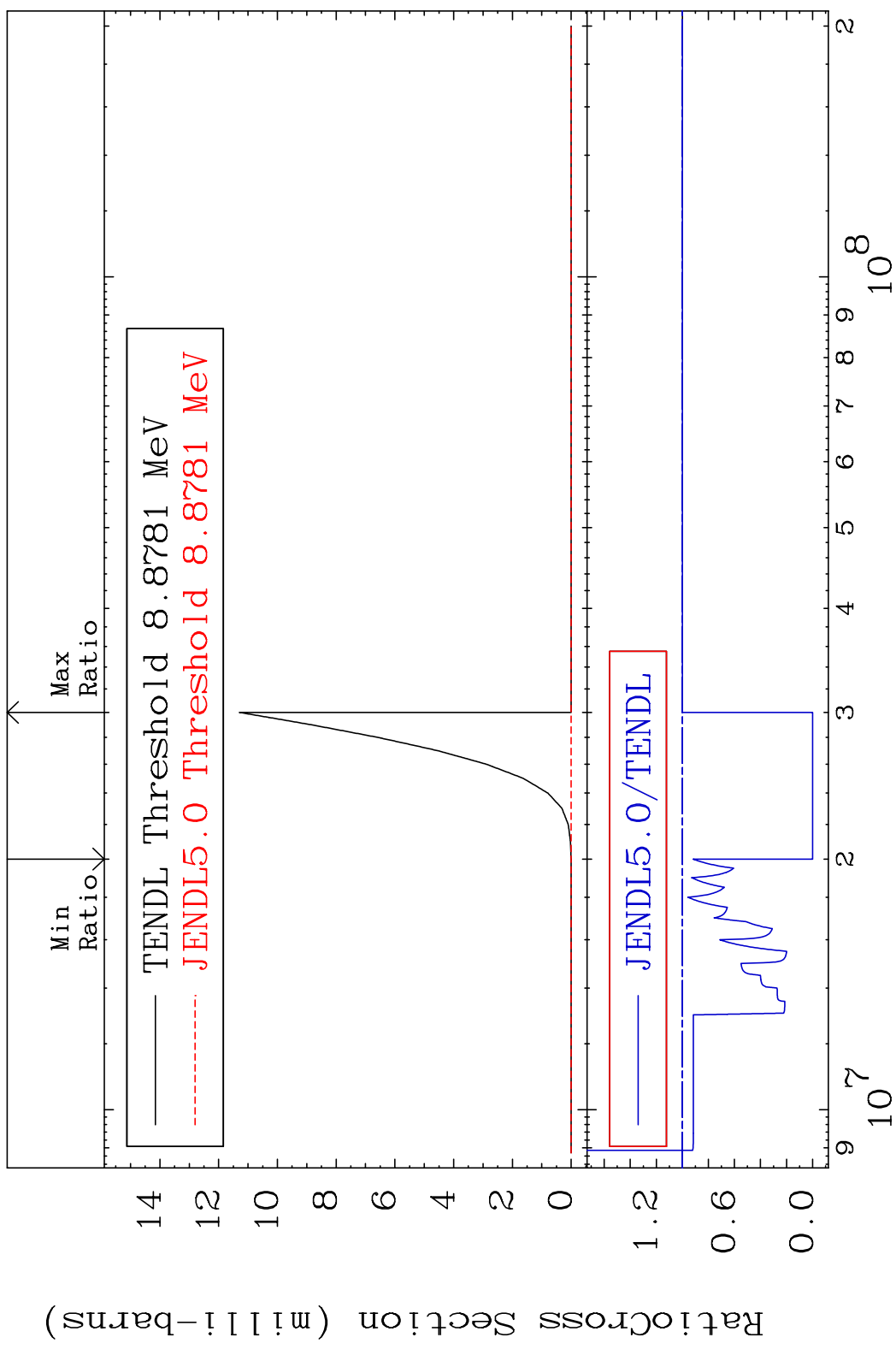


MAT 5322

(n,2n) α

53-I -126

Cross Section -100.0 To 0.000 %



8

Incident Energy (eV)

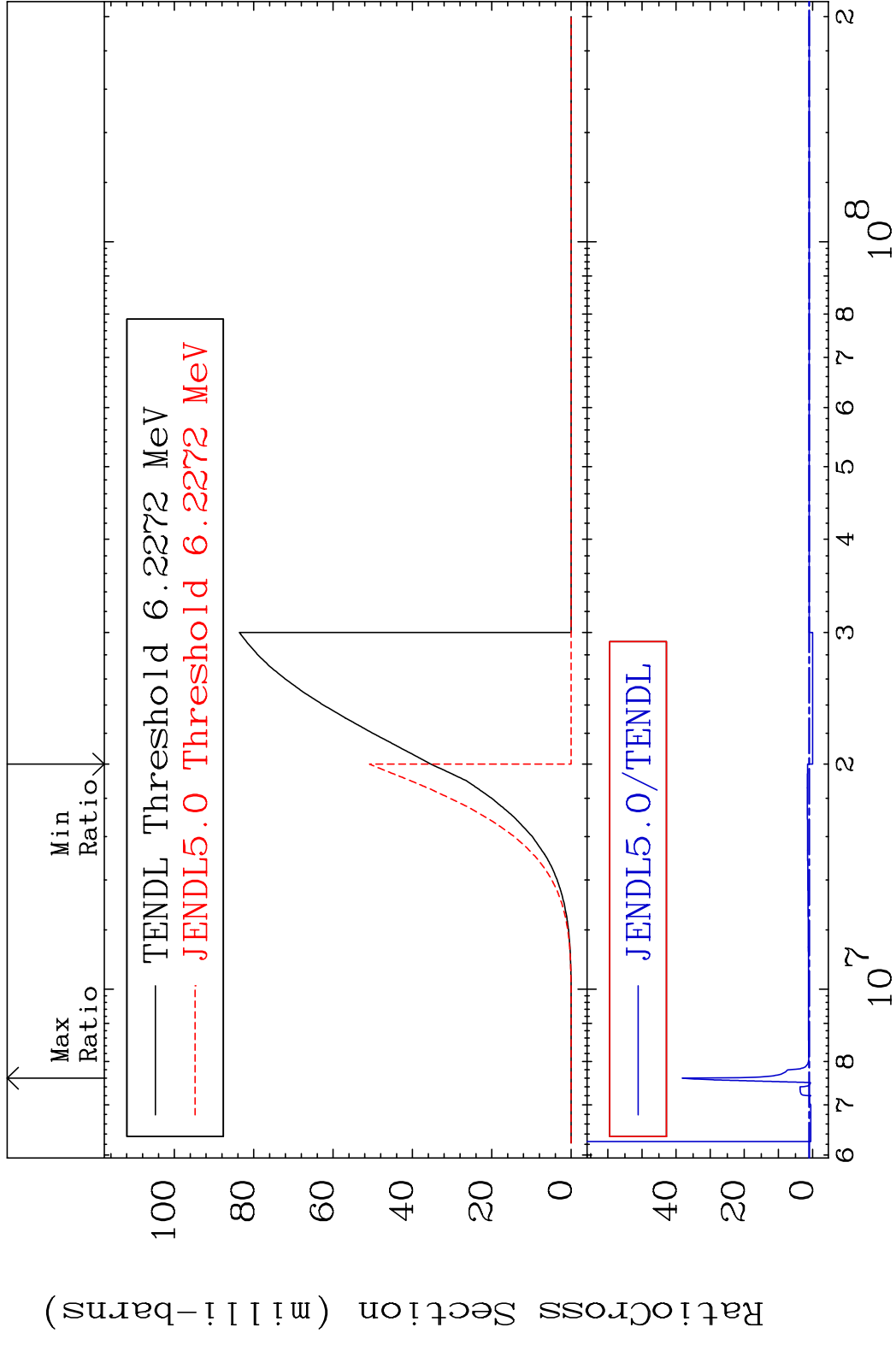
53-I -126

MAT 5322

(n, n') p

53-I -126

Cross Section -100.0 To 3715. %



9

Incident Energy (eV)

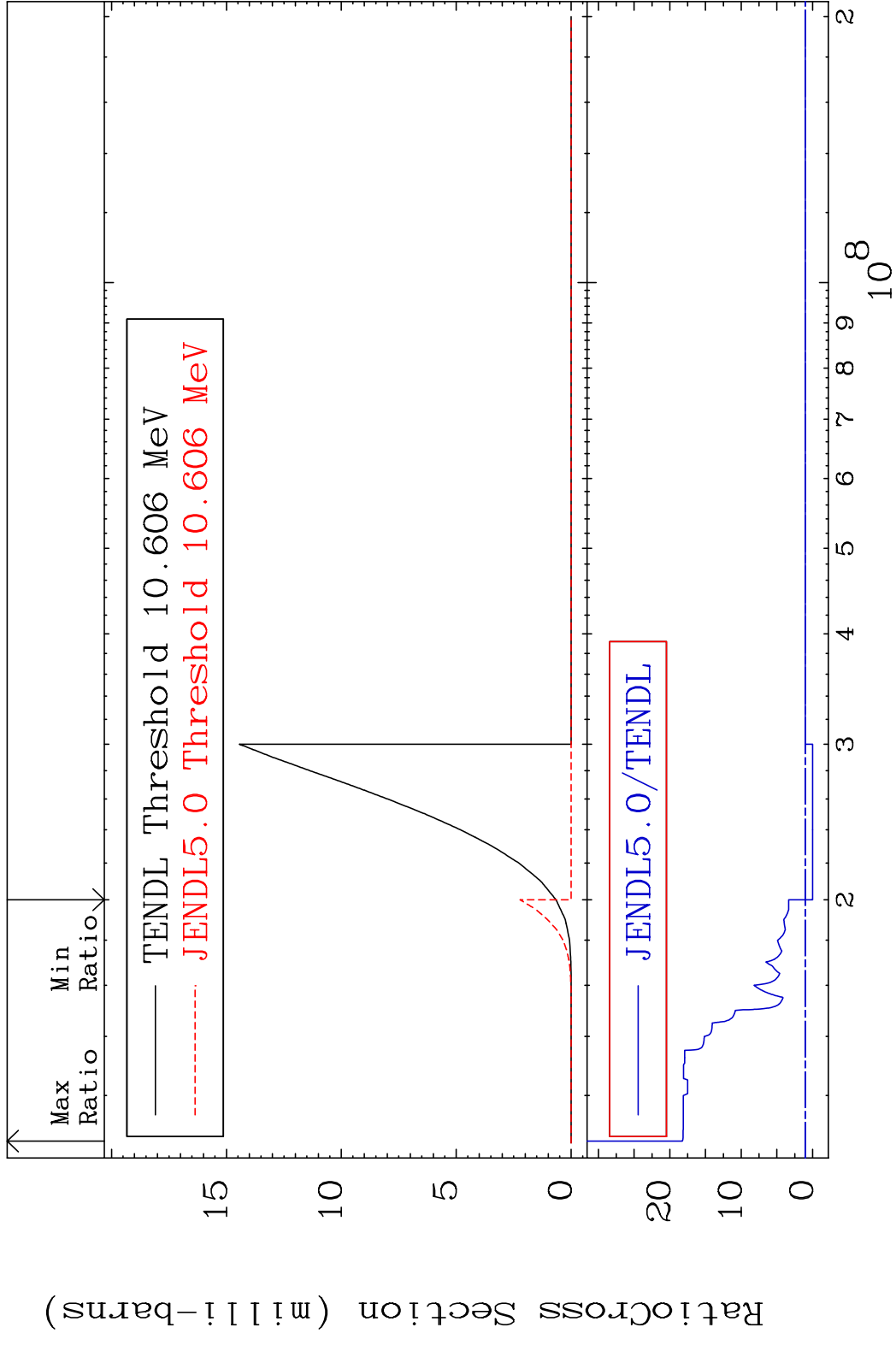
53-I -126

MAT 5322

(n, n') d

53-I -126

Cross Section -100.0 To 1724. %



10

Incident Energy (eV)

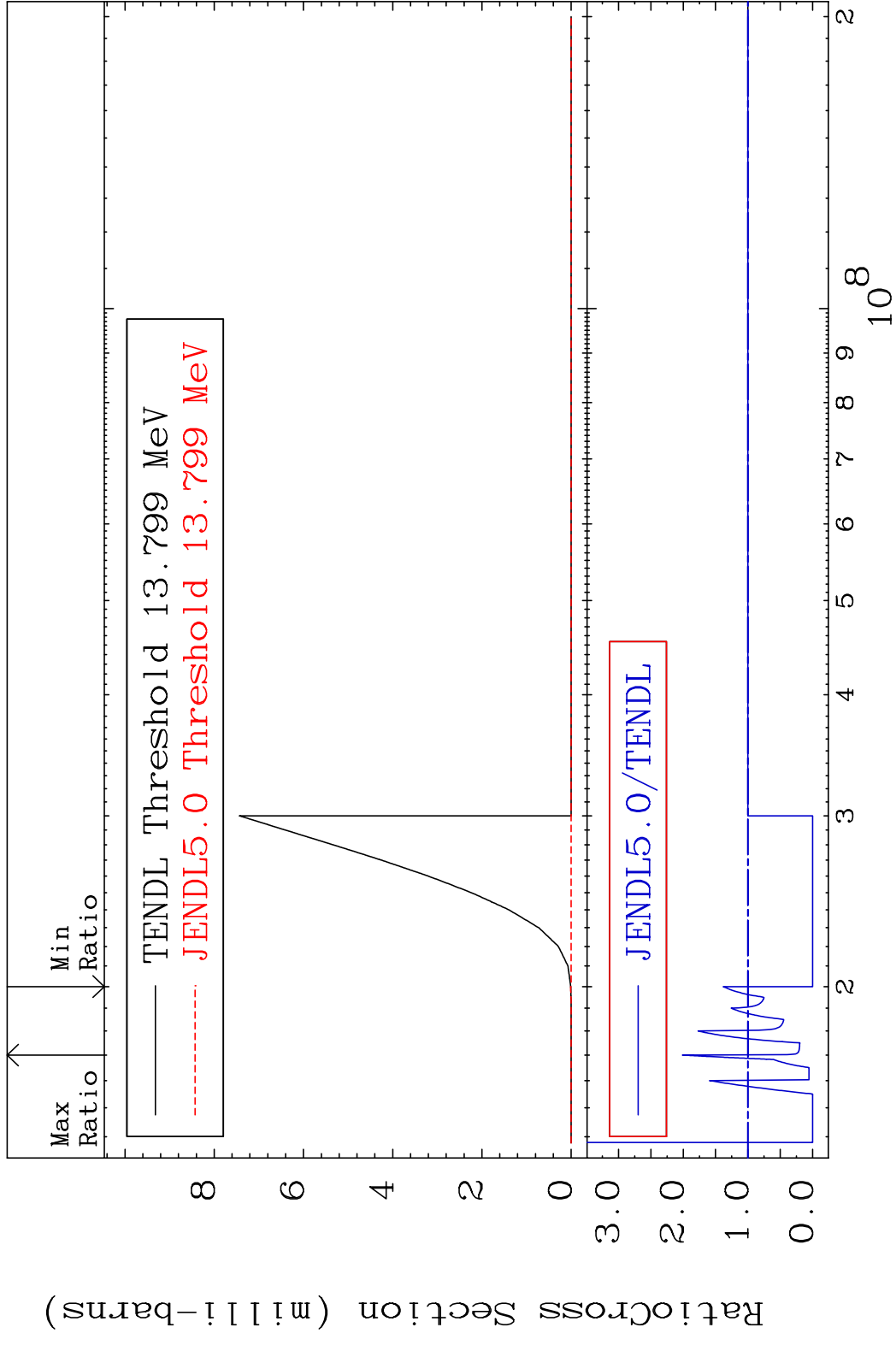
53-I -126

MAT 5322

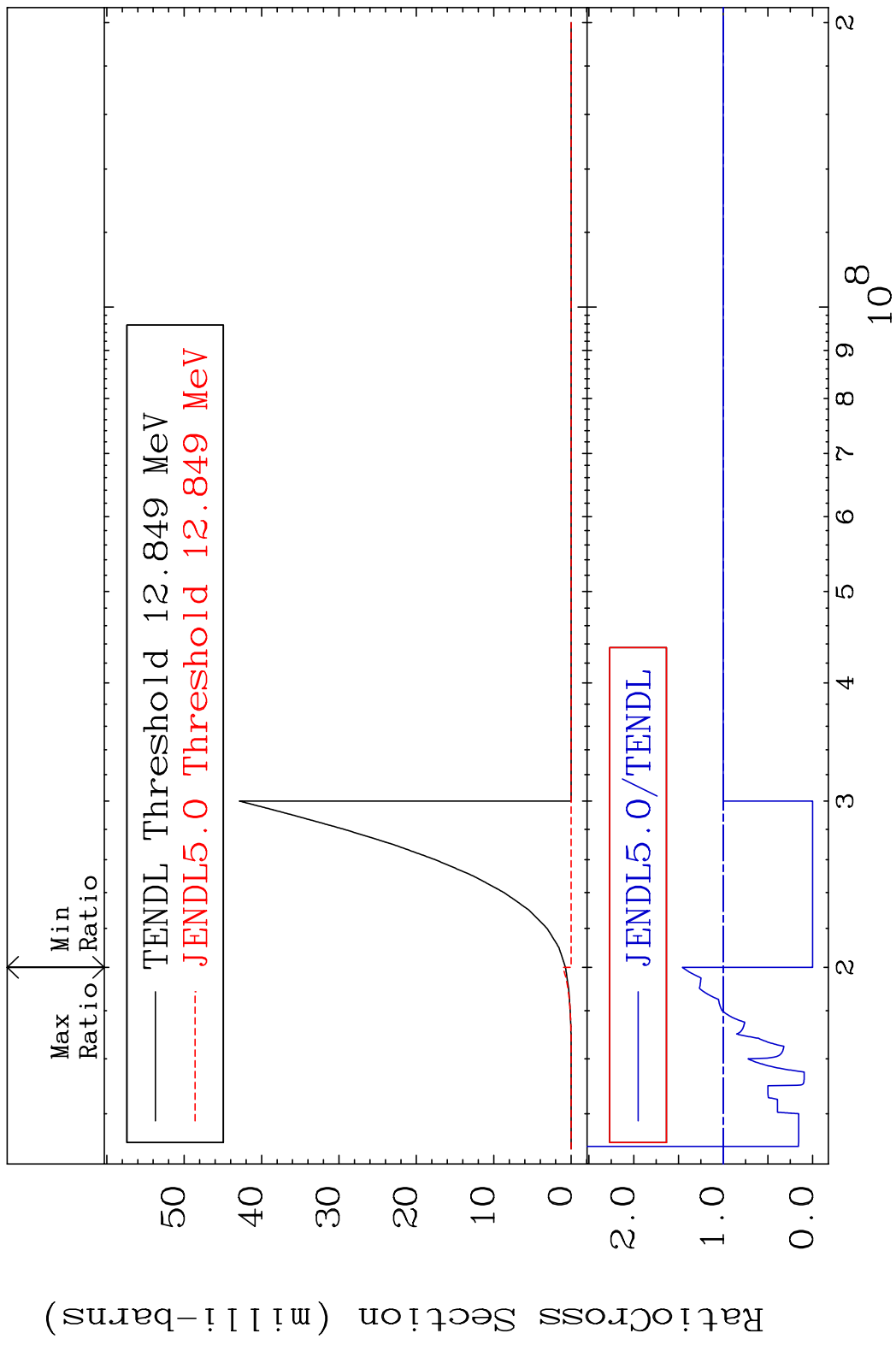
(n, n') t

53-I -126

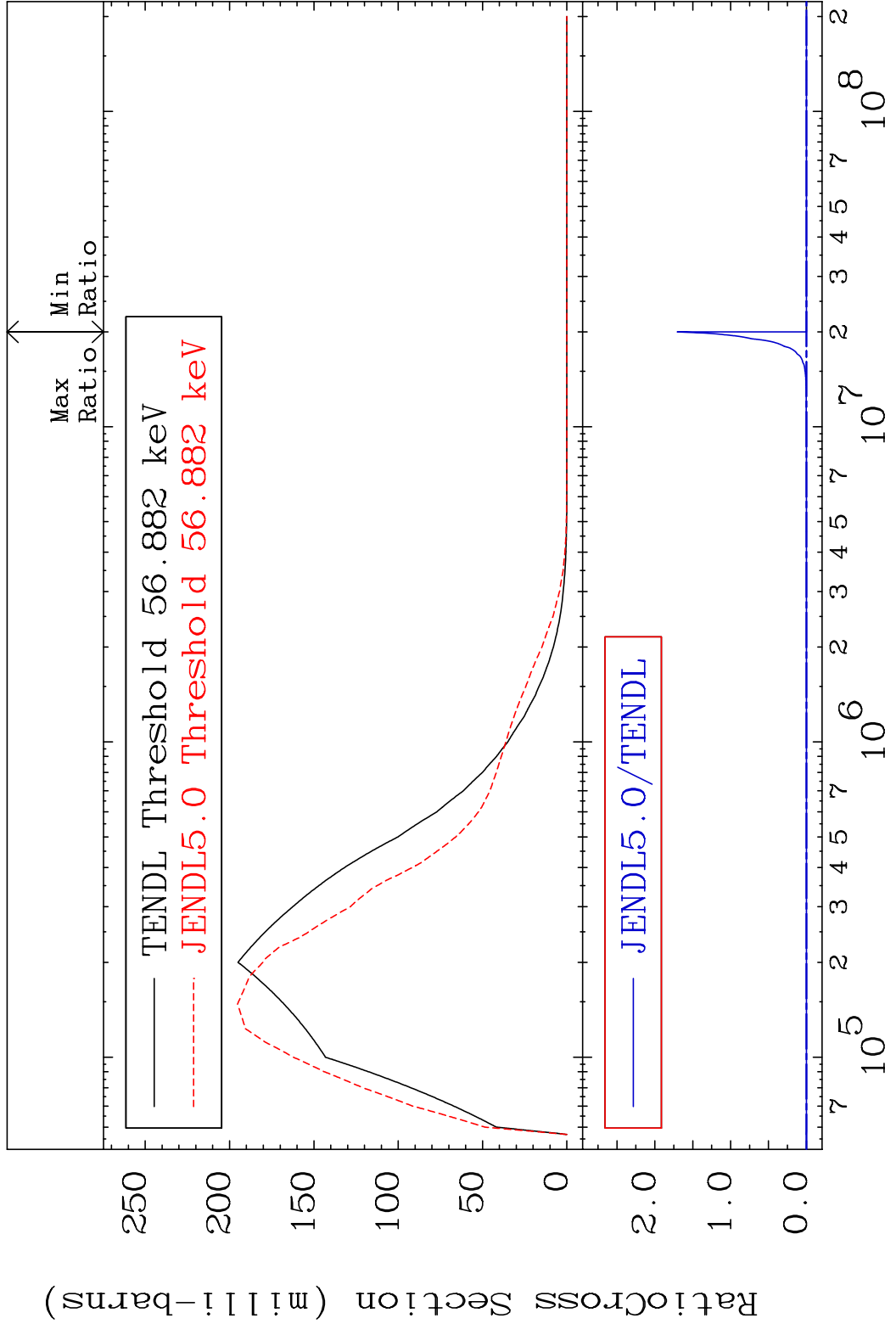
Cross Section -100.0 To 101.3 %



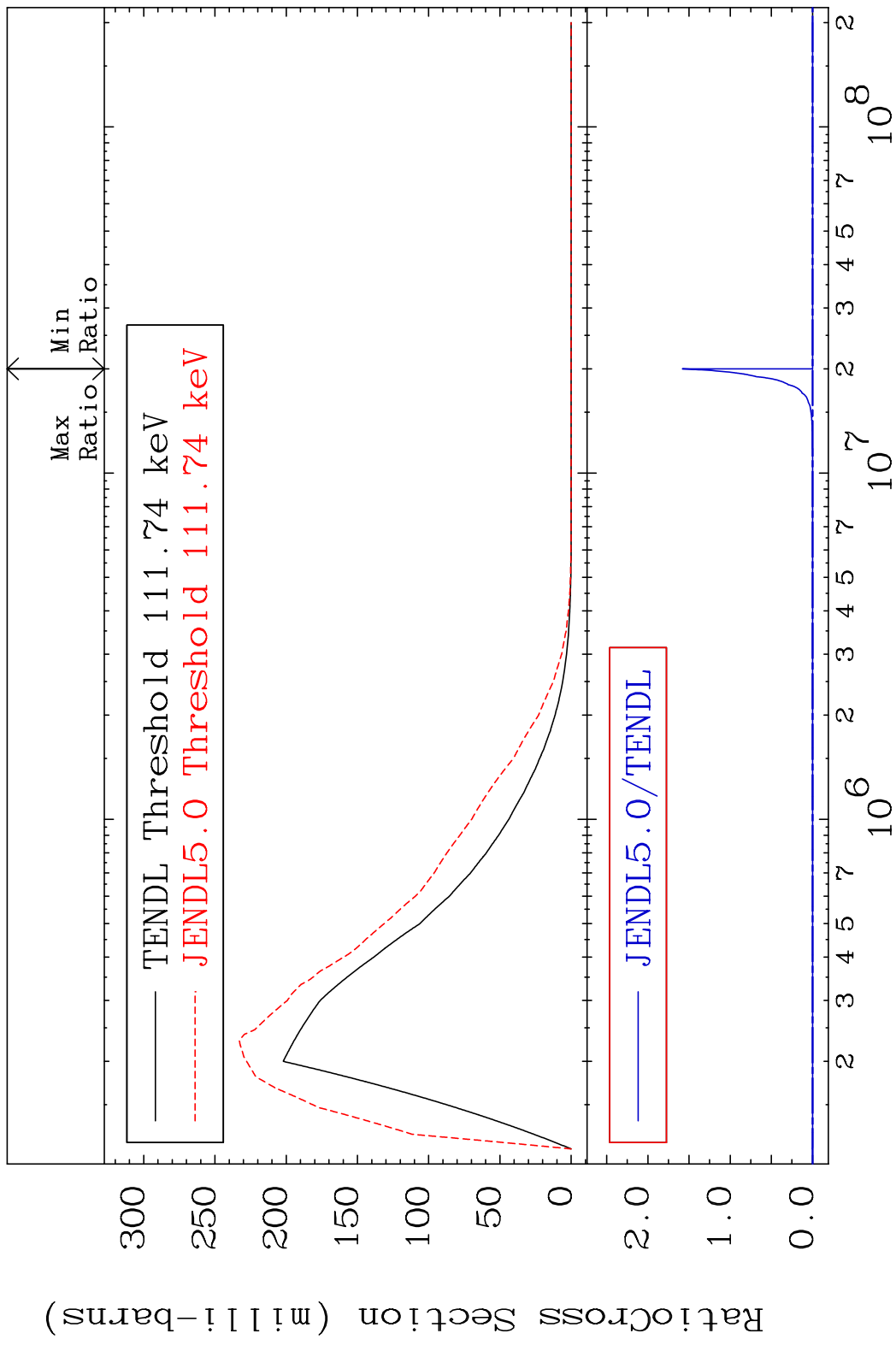
MAT 5322 (n,2n) p 53-I -126
 Cross Section -100.0 To 45.60 %



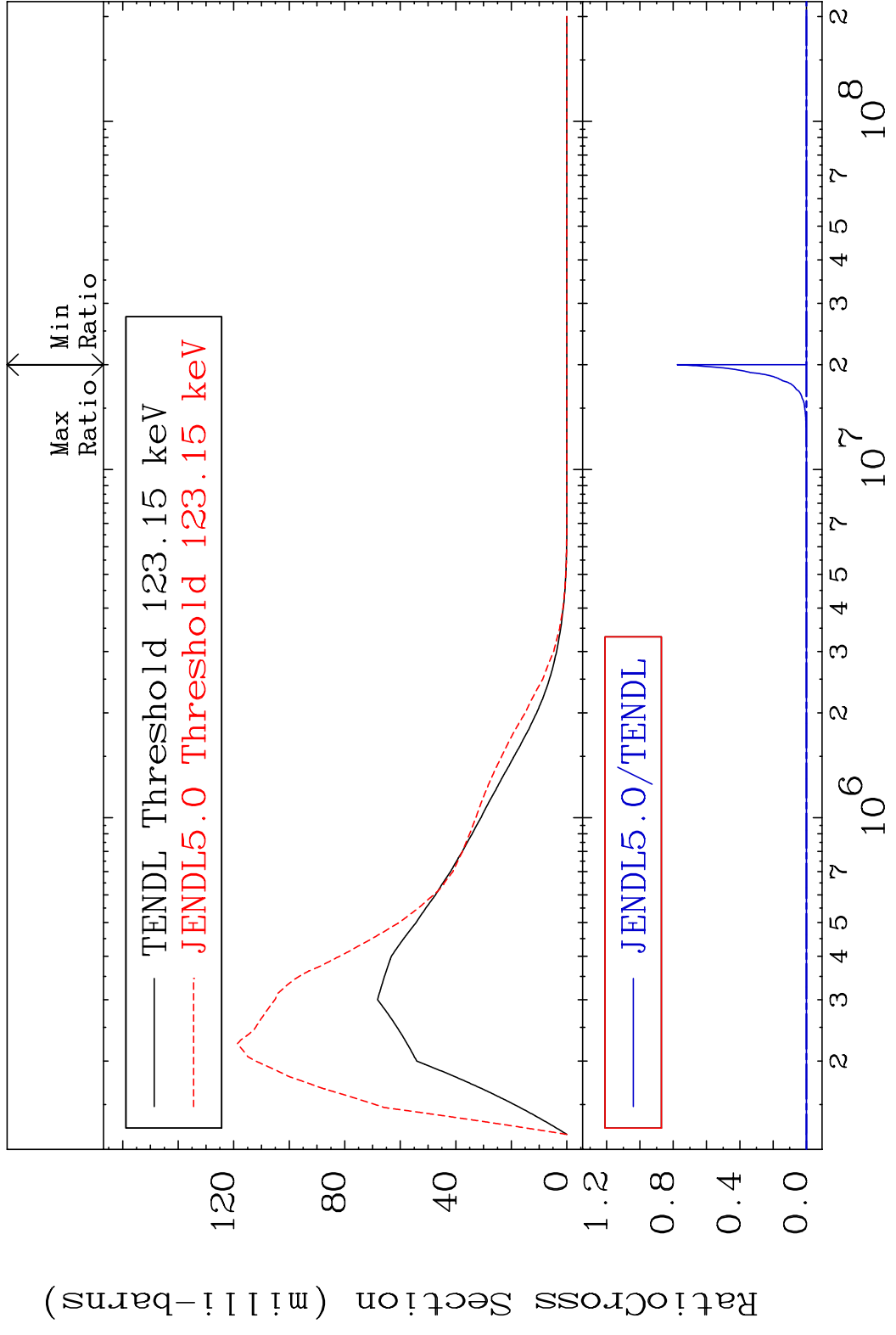
MAT 5322 MT= 51 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %



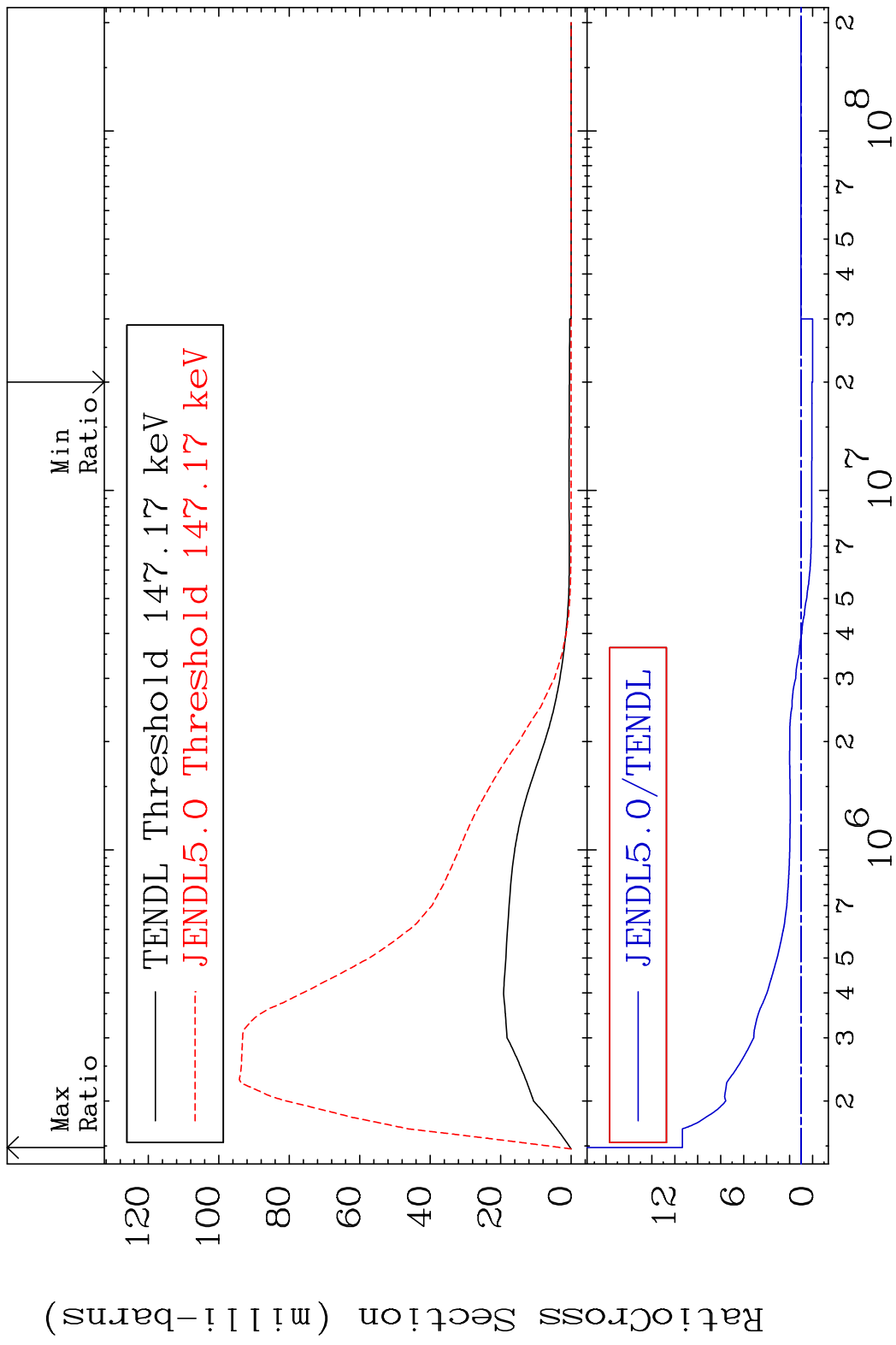
MAT 5322 MT= 52 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %



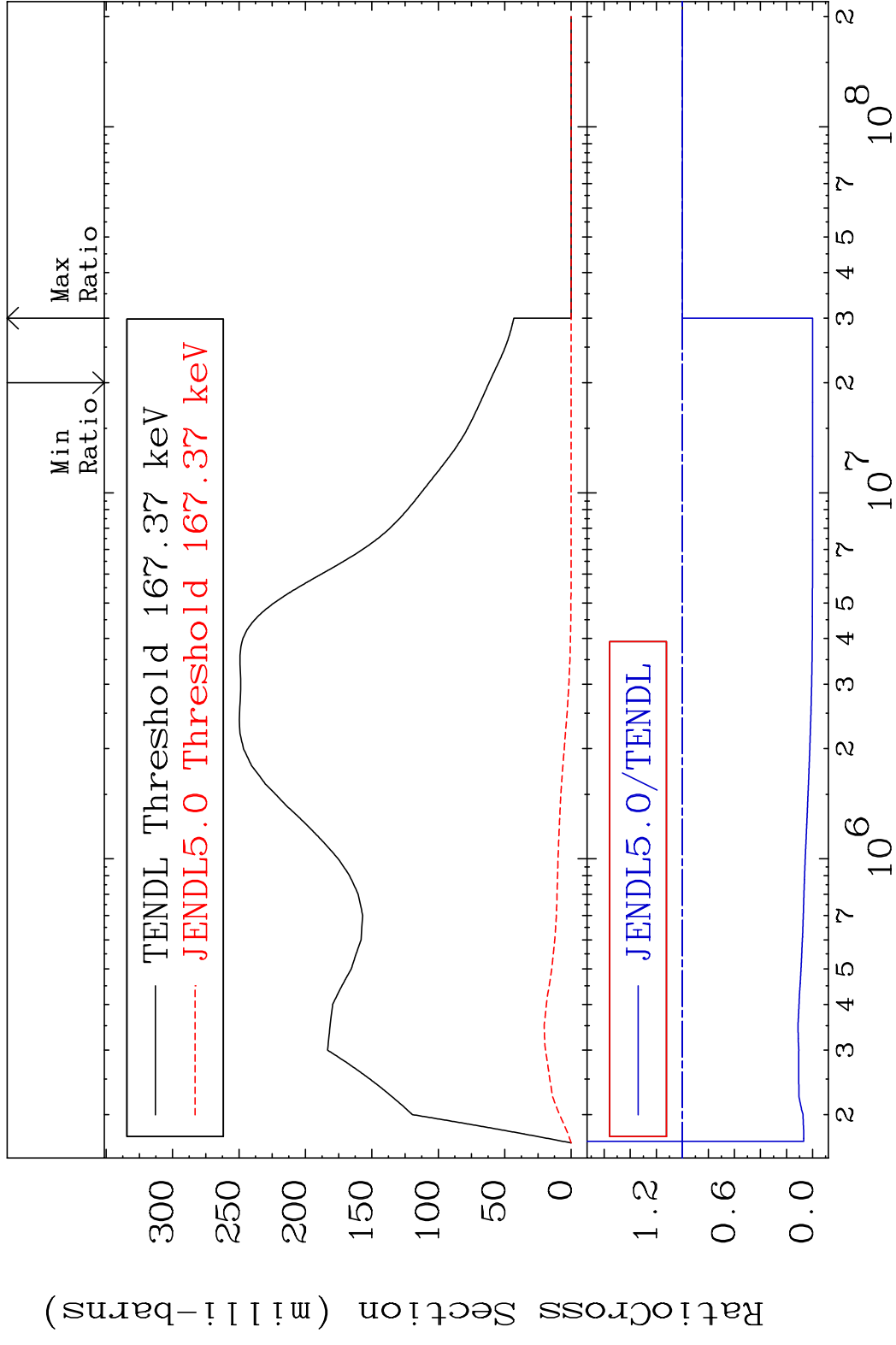
MAT 5322 MT= 53 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %



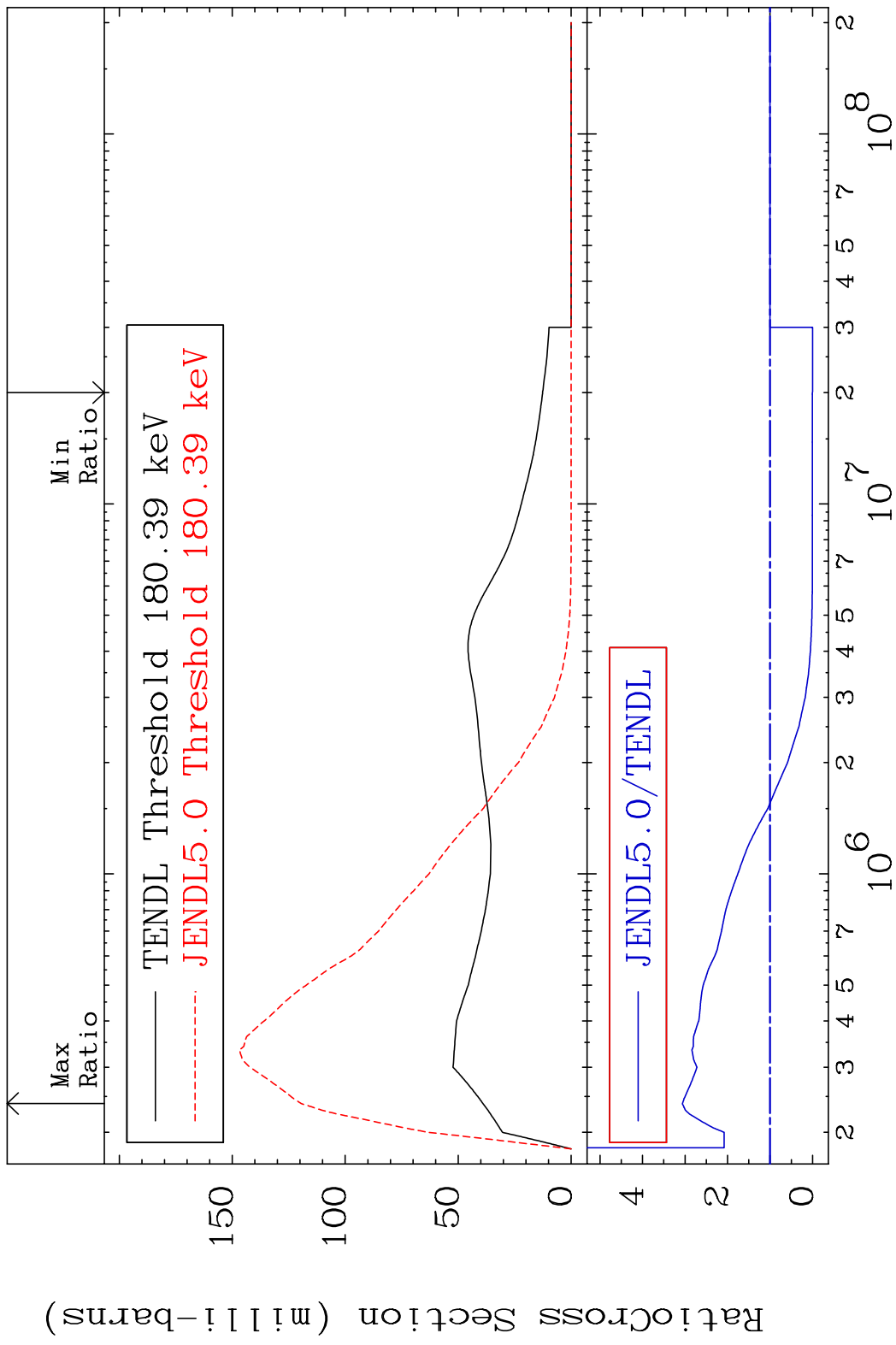
MAT 5322 MT= 54 (n,n') Level 53-I -126
 Cross Section -100.0 To 1034. %



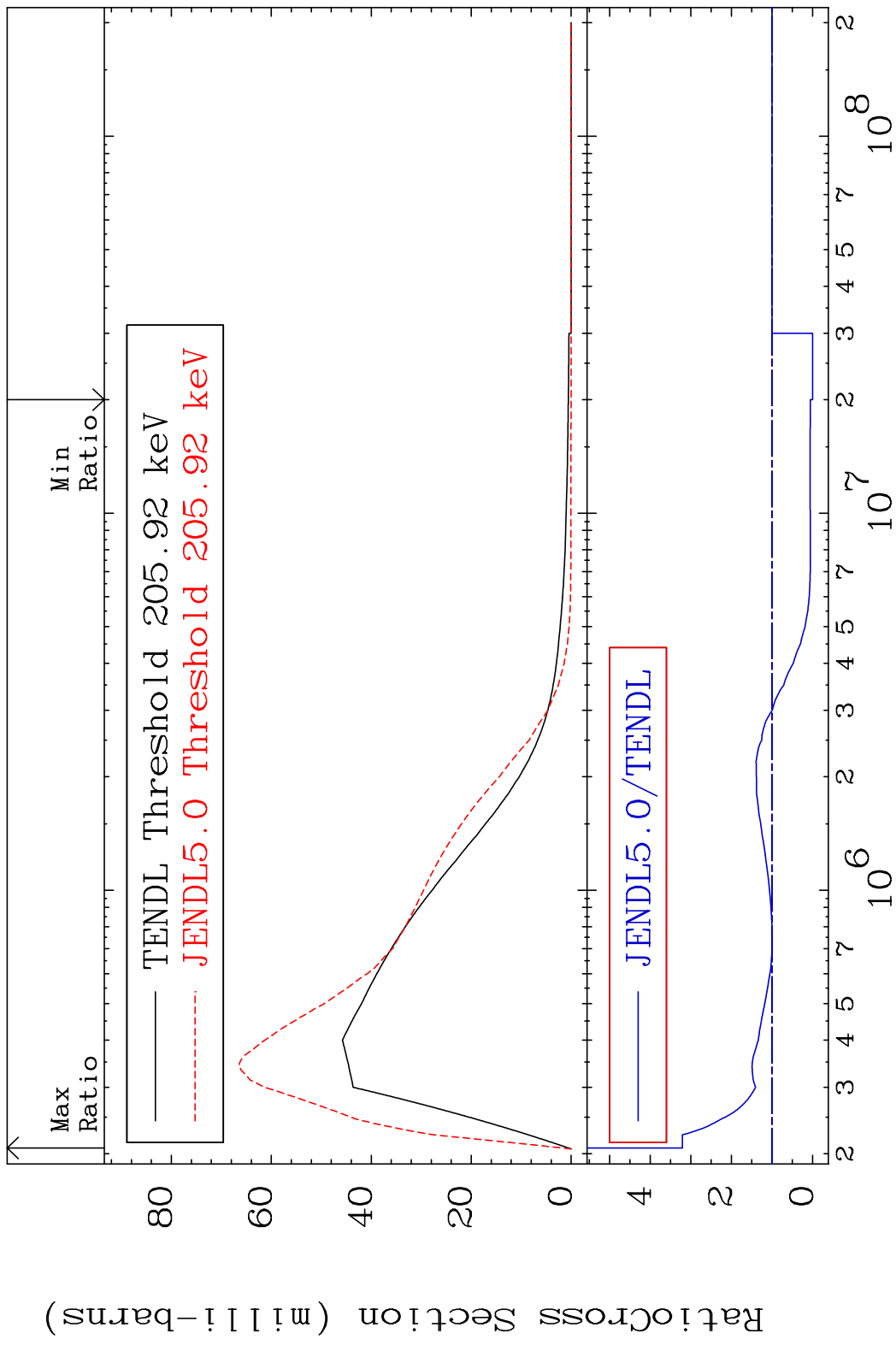
MAT 5322 MT= 55 (n, n') Level 53-I -126
 Cross Section -100.0 To 0.000 %



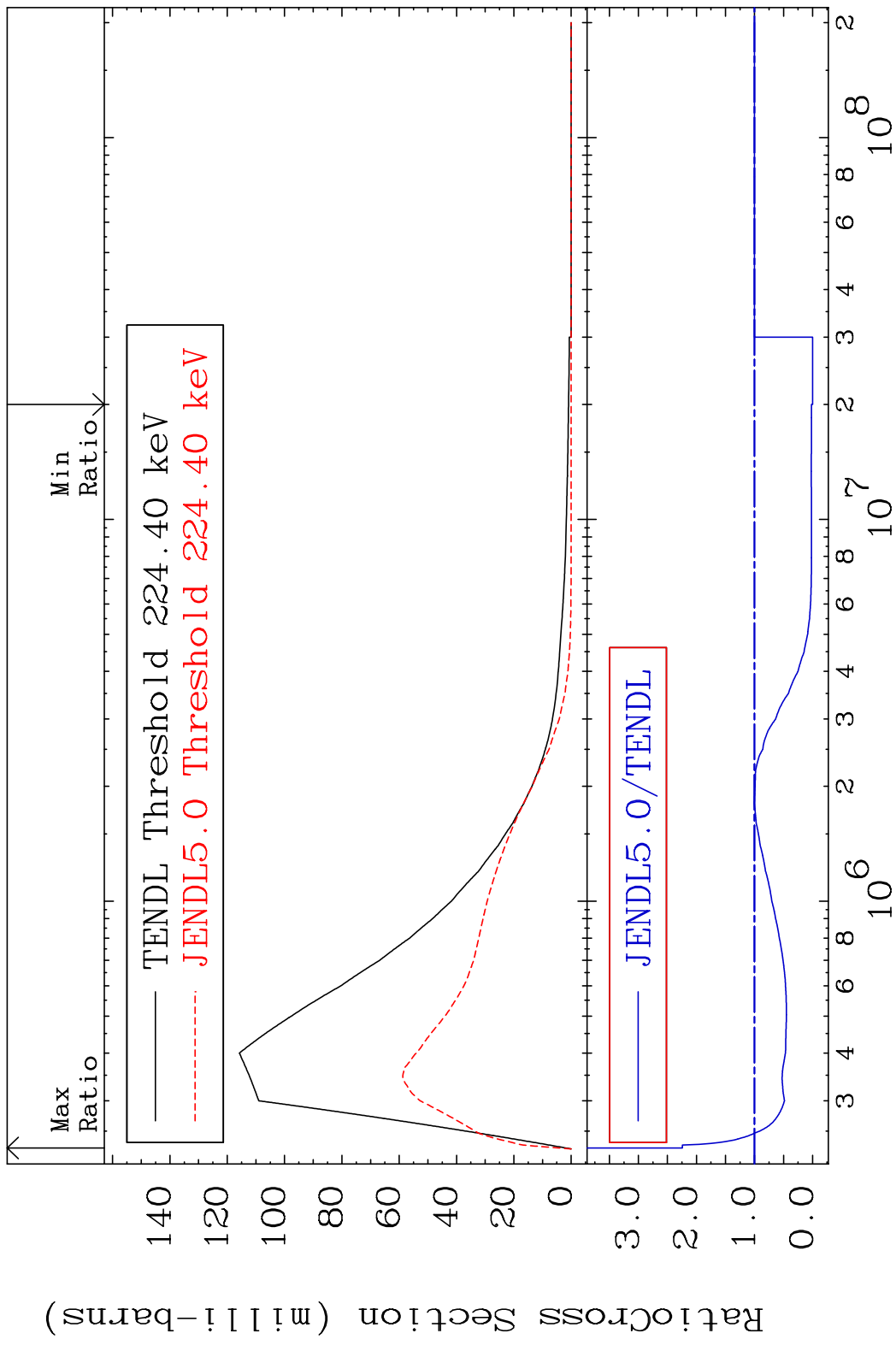
MAT 5322 MT= 56 (n,n') Level 53-I -126
 Cross Section -100.0 To 206.3 %



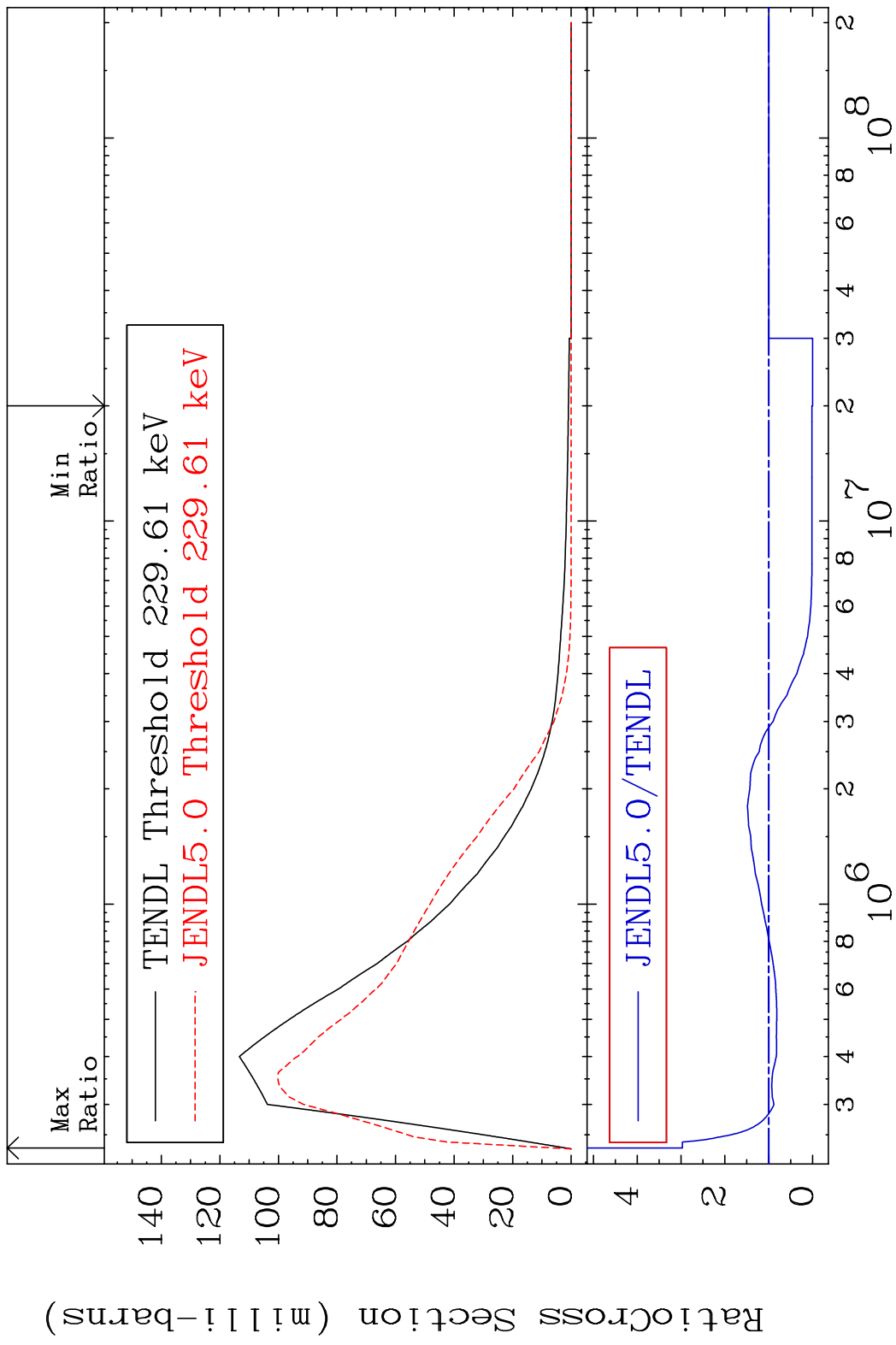
MAT 5322 MT= 57 (n,n') Level 53-I -126
 Cross Section -100.0 To 221.0 %



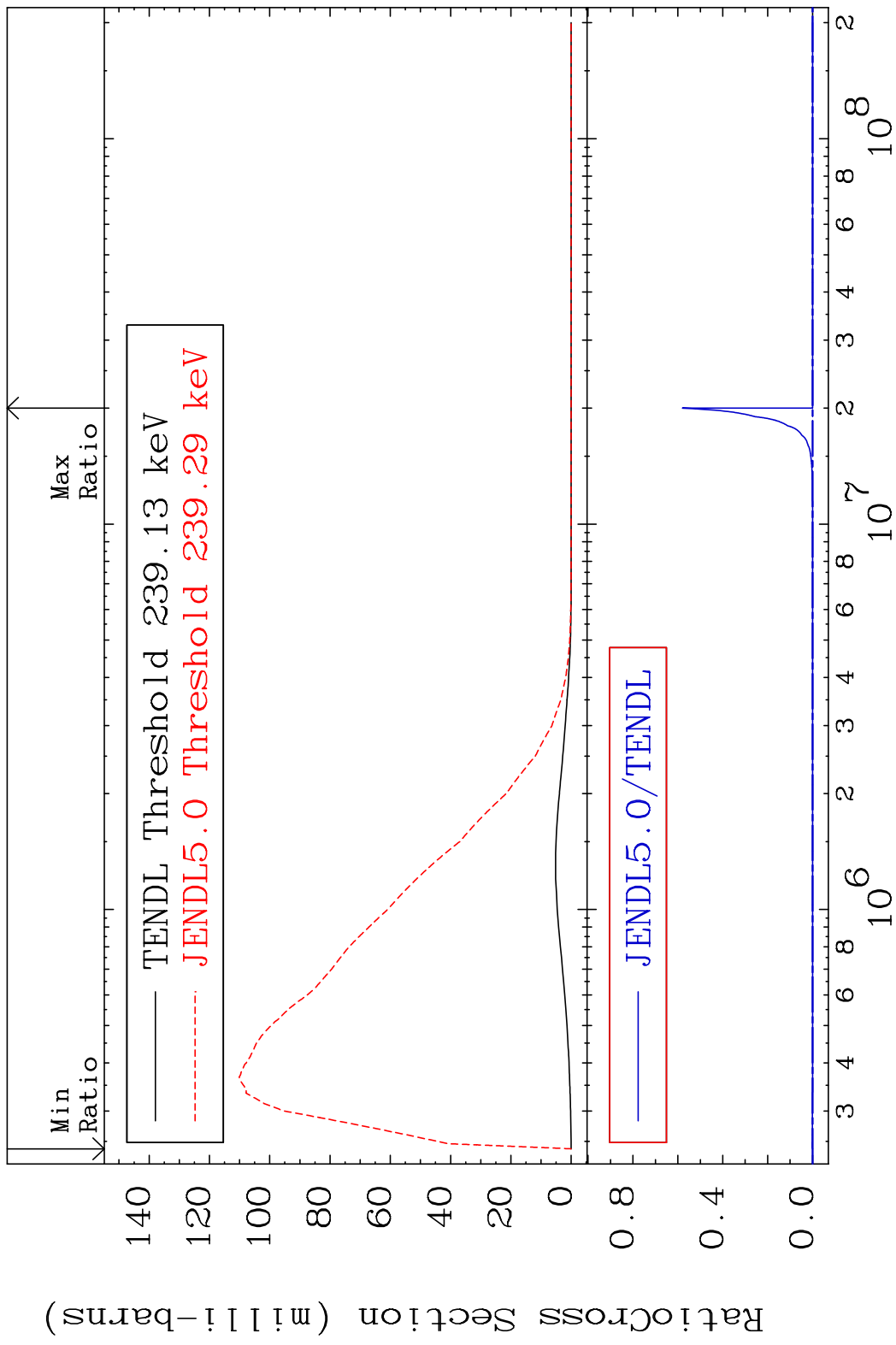
MAT 5322 MT= 58 (n,n') Level 53-I -126
 Cross Section -100.0 To 124.3 %



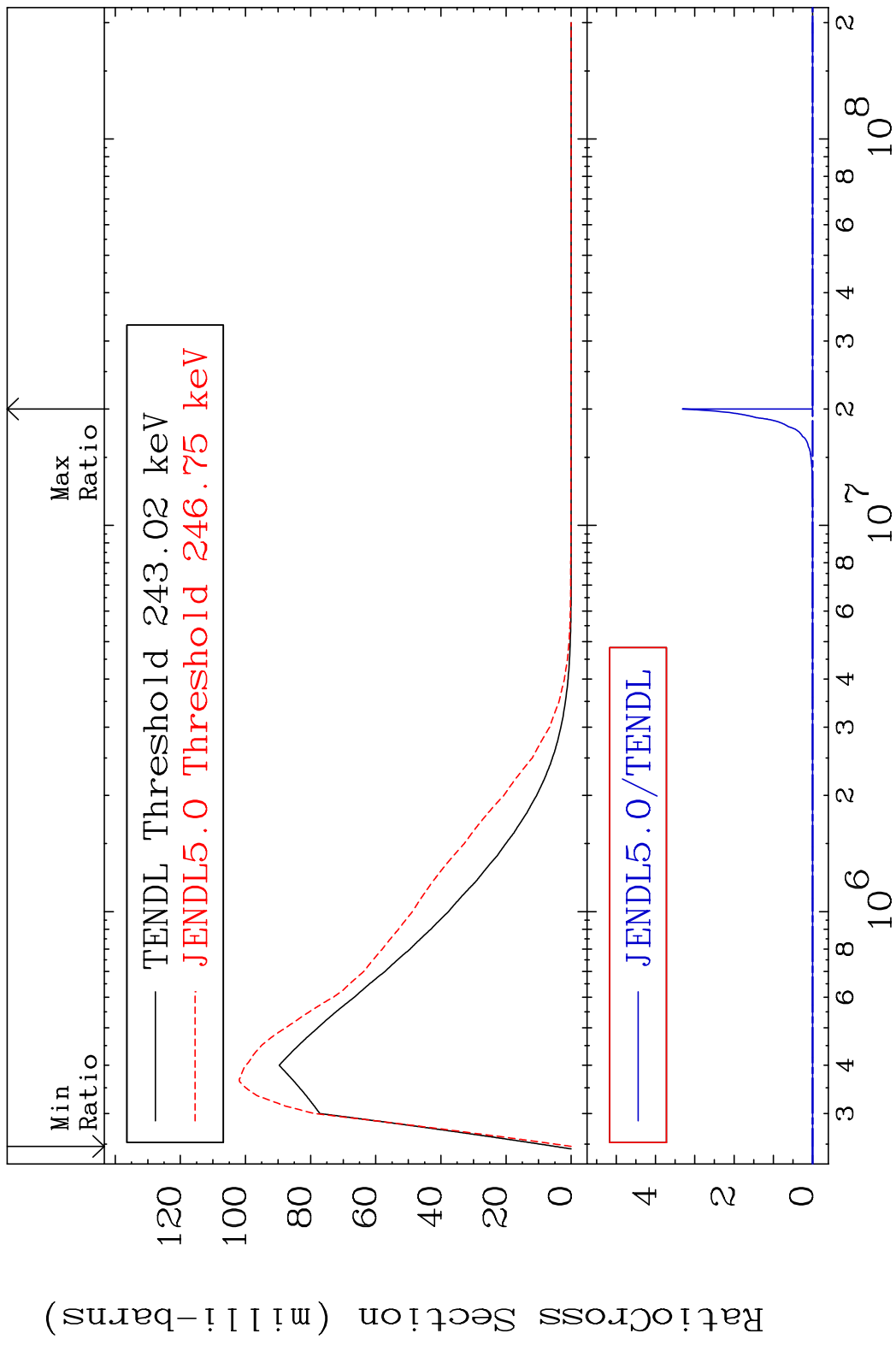
MAT 5322 MT= 59 (n,n') Level 53-I -126
 Cross Section -100.0 To 197.0 %



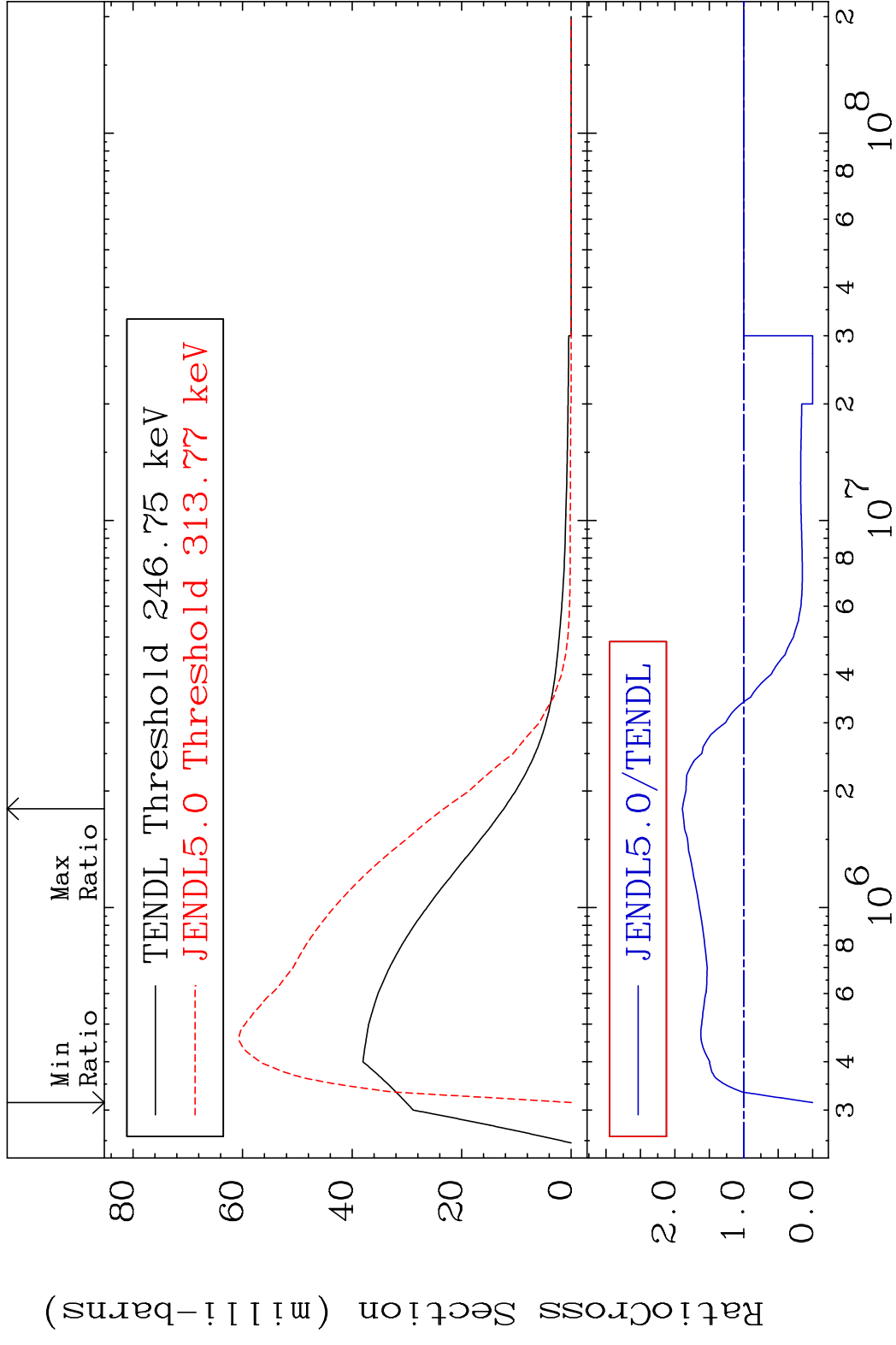
MAT 5322 MT= 60 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %



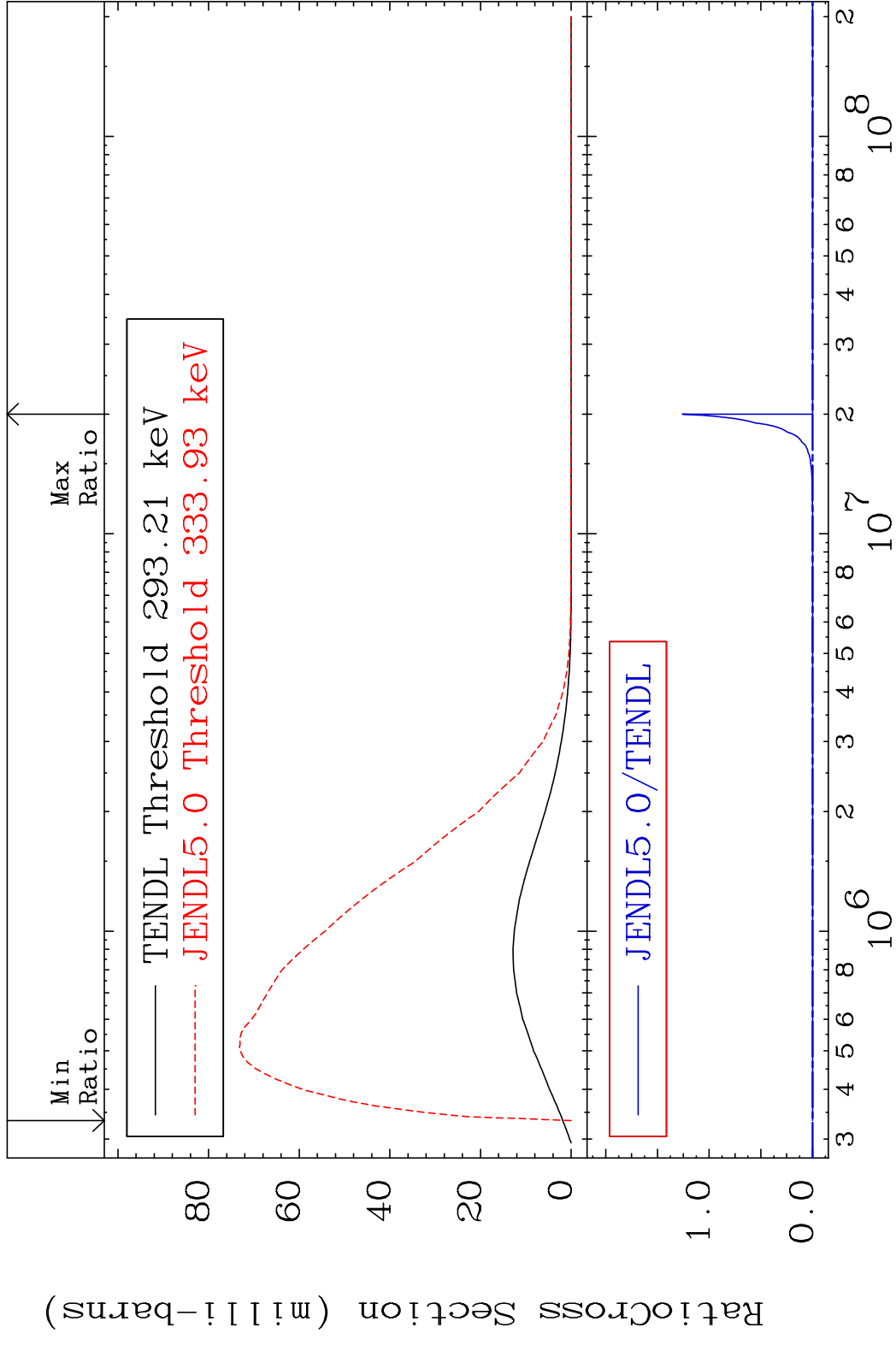
MAT 5322 MT= 61 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %



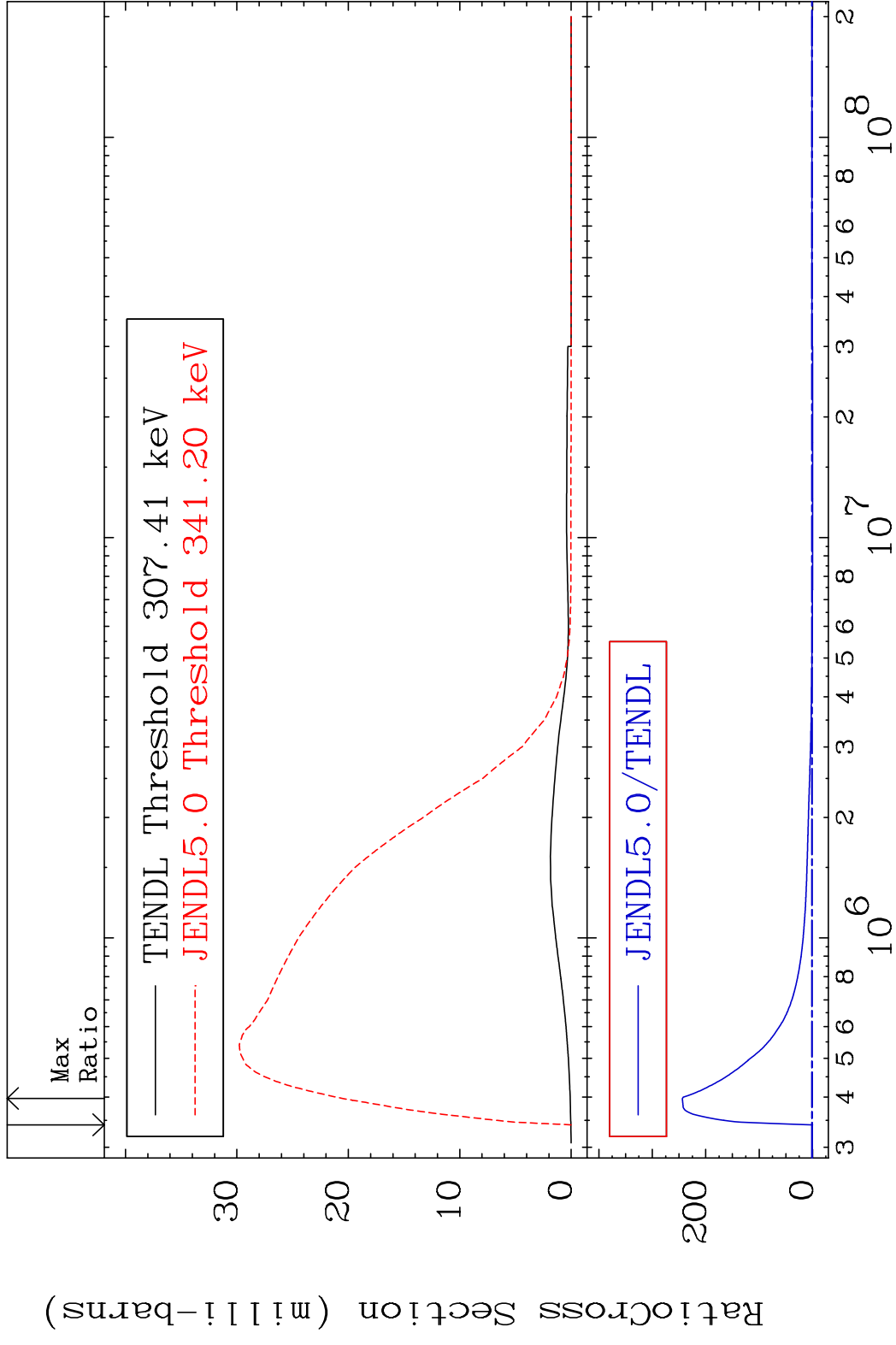
MAT 5322 MT= 62 (n,n') Level 53-I -126
 Cross Section -100.0 To 89.20 %



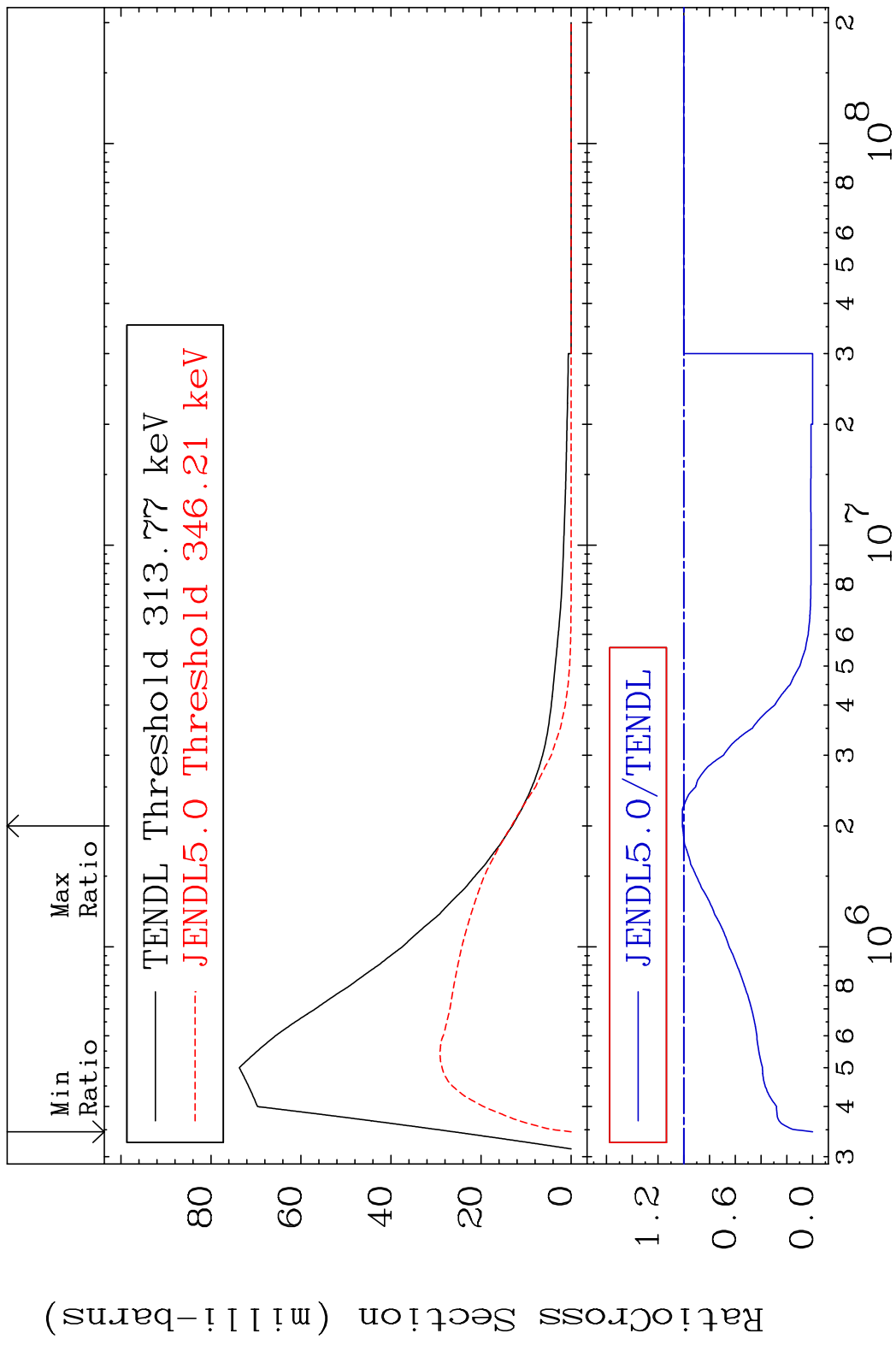
MAT 5322 MT= 63 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %



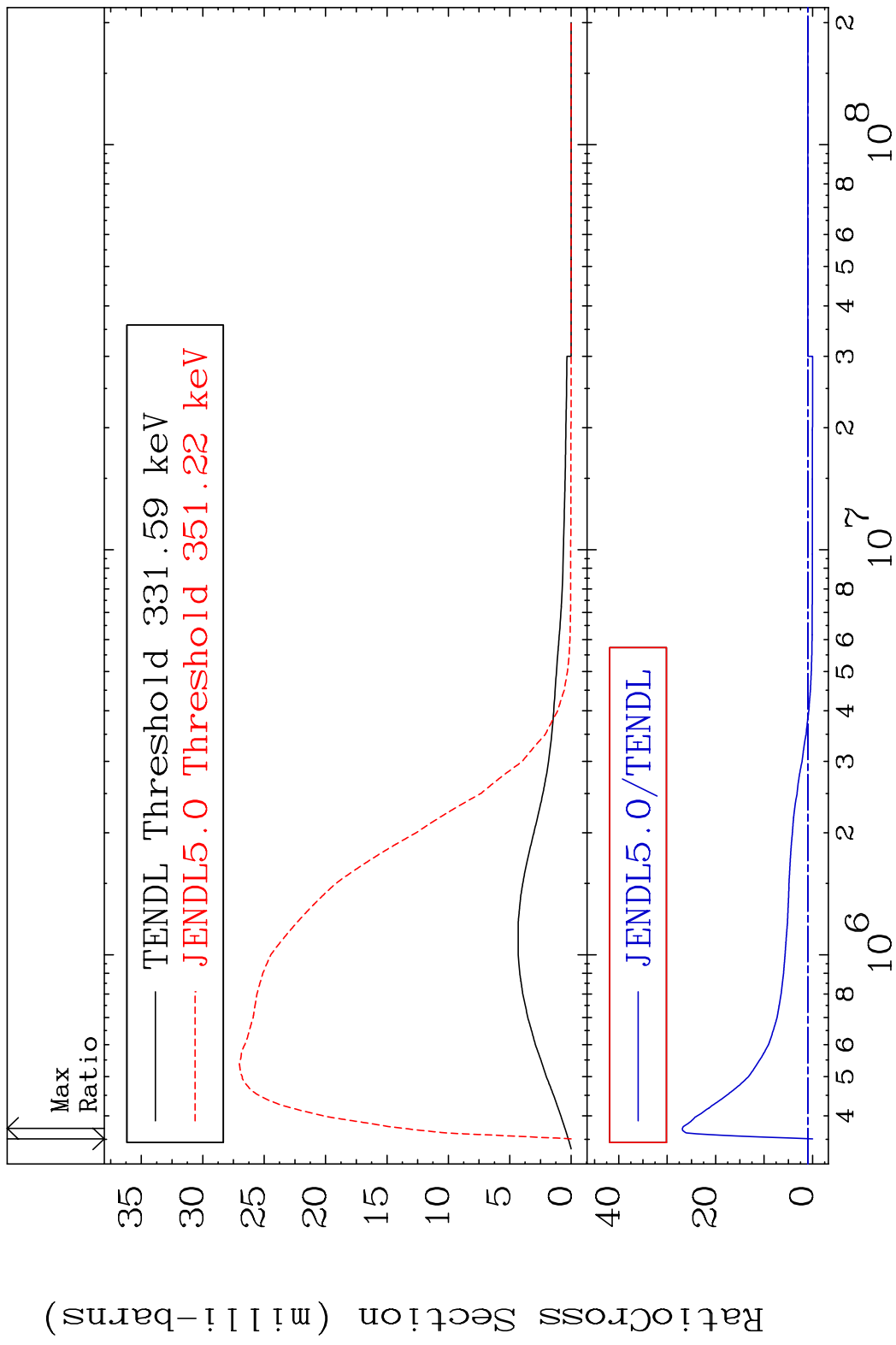
MAT 5322 MT= 64 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %



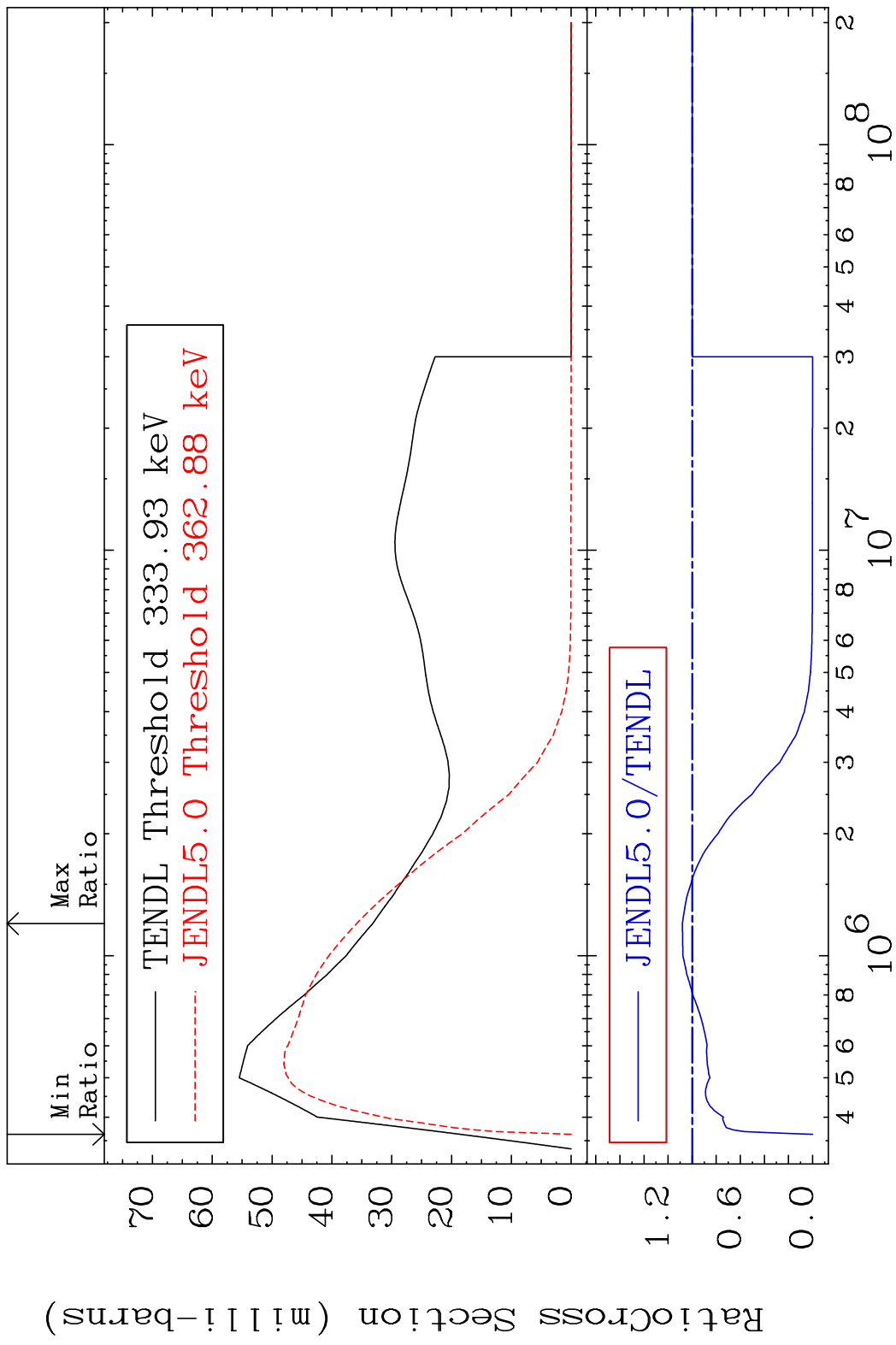
MAT 5322 MT= 65 (n,n') Level 53-I -126
 Cross Section -100.0 To 1.124 %



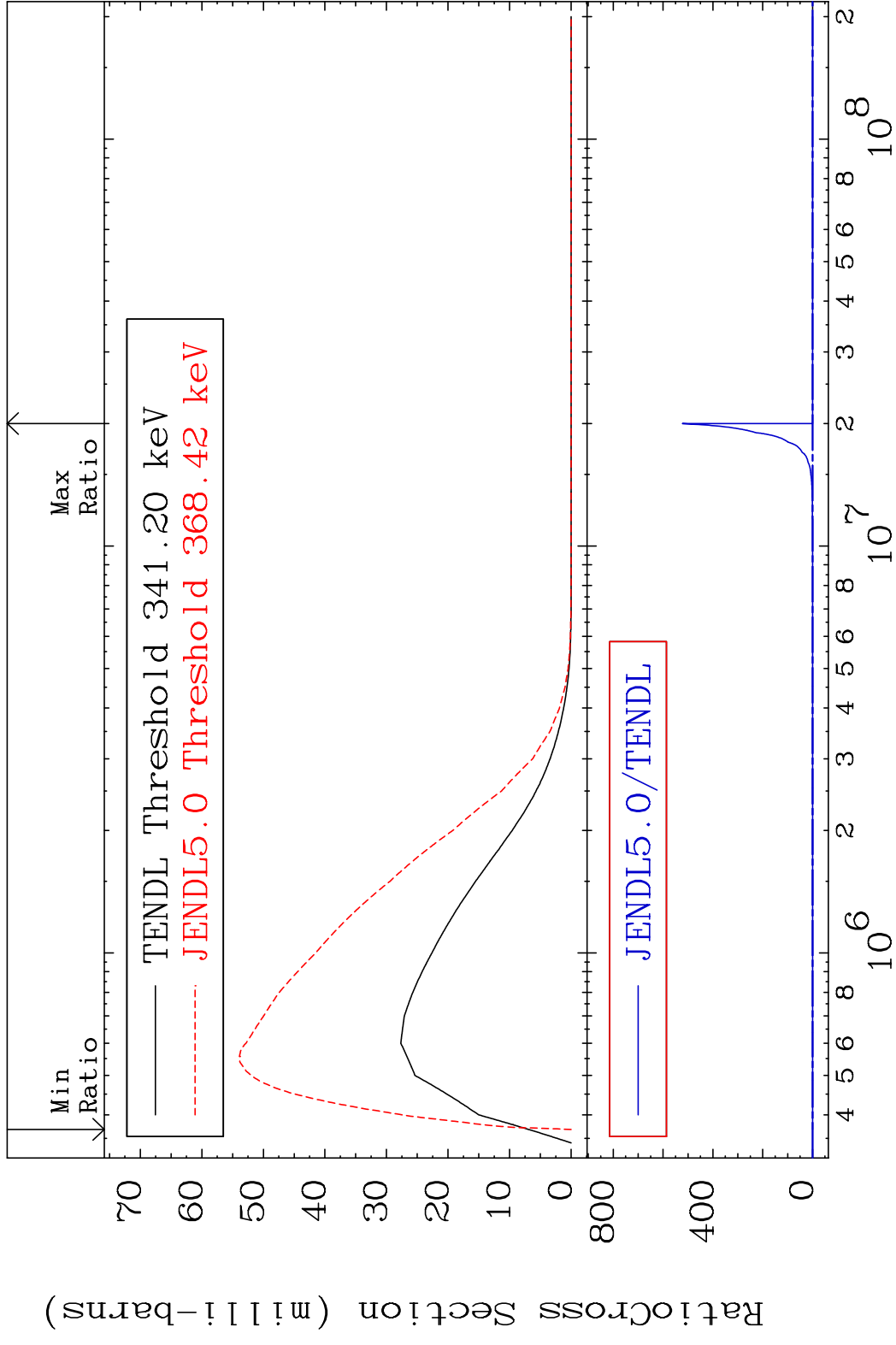
MAT 5322 MT= 66 (n,n') Level 53-I -126
 Cross Section -100.0 To 2587. %



MAT 5322 MT= 67 (n, n') Level 53-I -126
 Cross Section -100.0 To 8.145 %

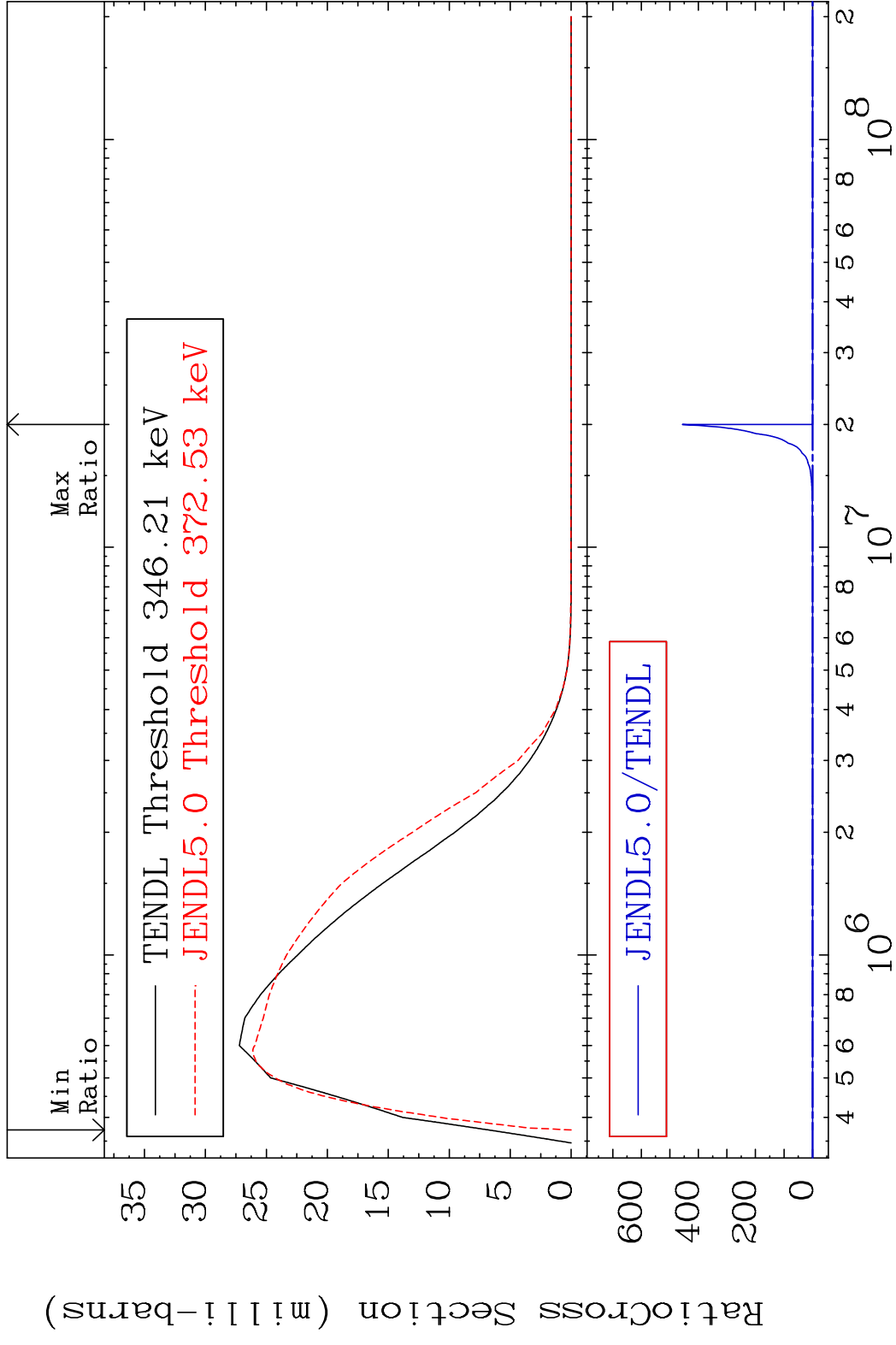


MAT 5322 MT= 68 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %

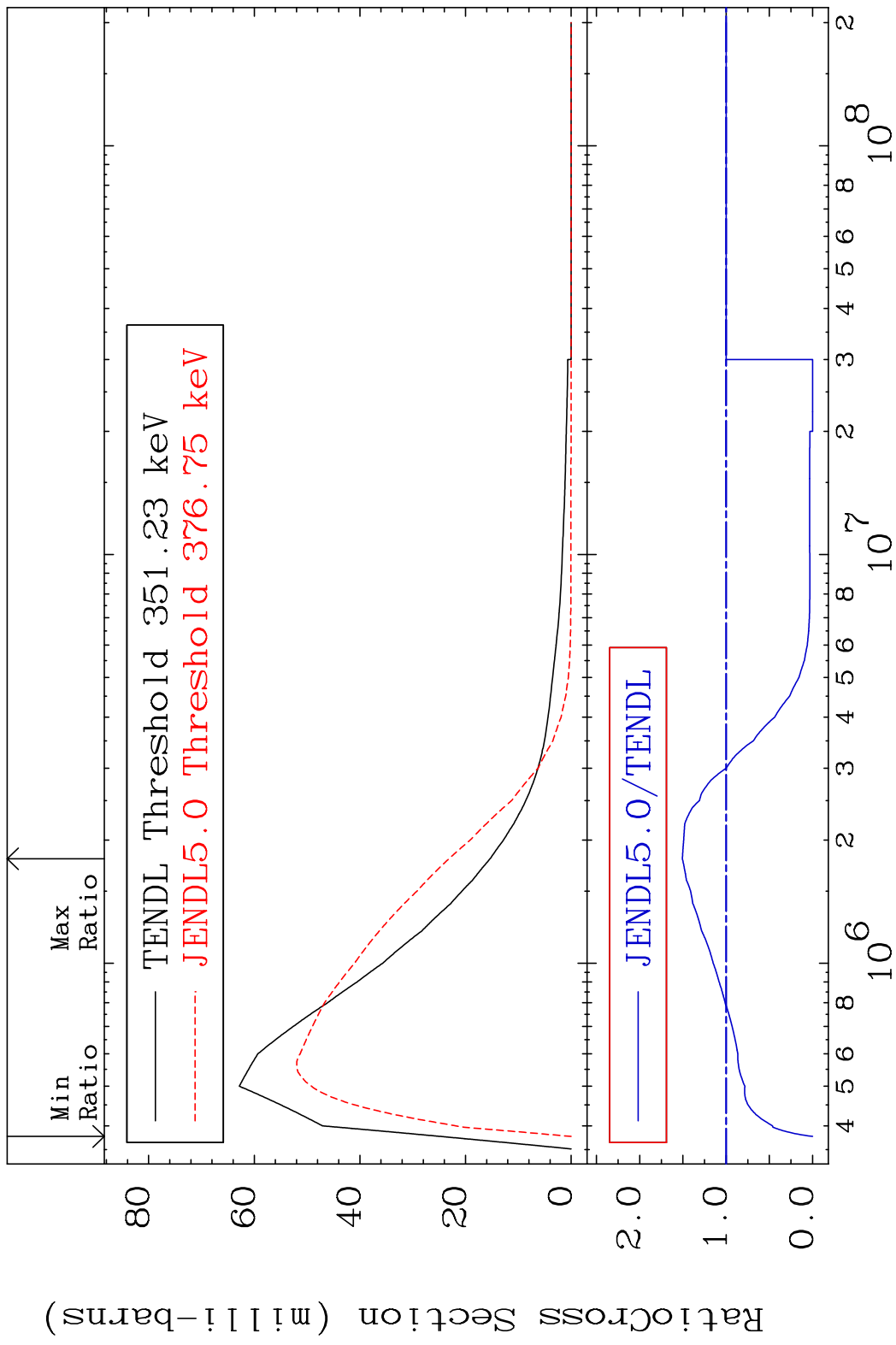


30 Incident Energy (eV) 53-I -126

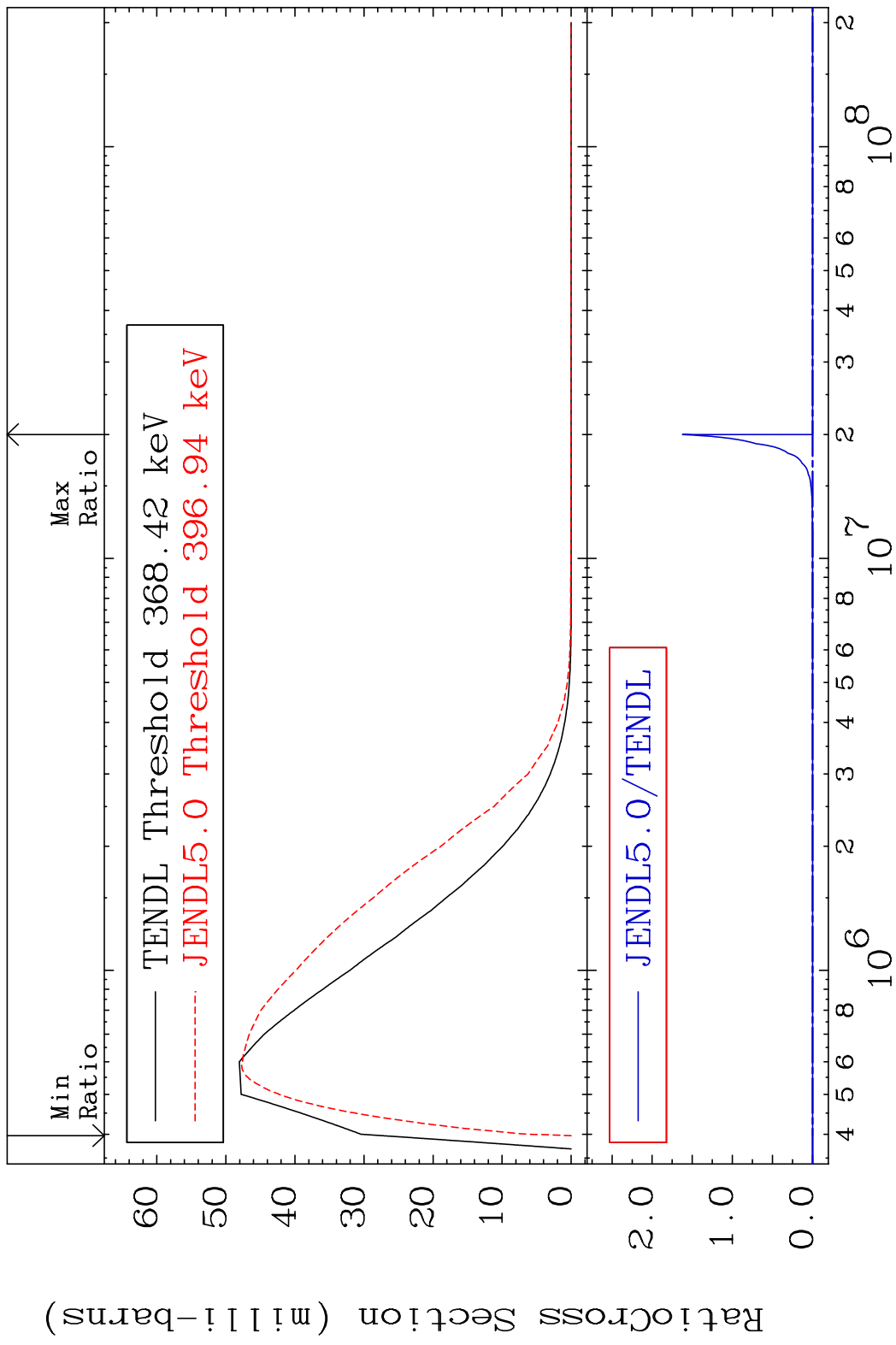
MAT 5322 MT= 69 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %



MAT 5322 MT= 70 (n,n') Level 53-I -126
 Cross Section -100.0 To 50.67 %

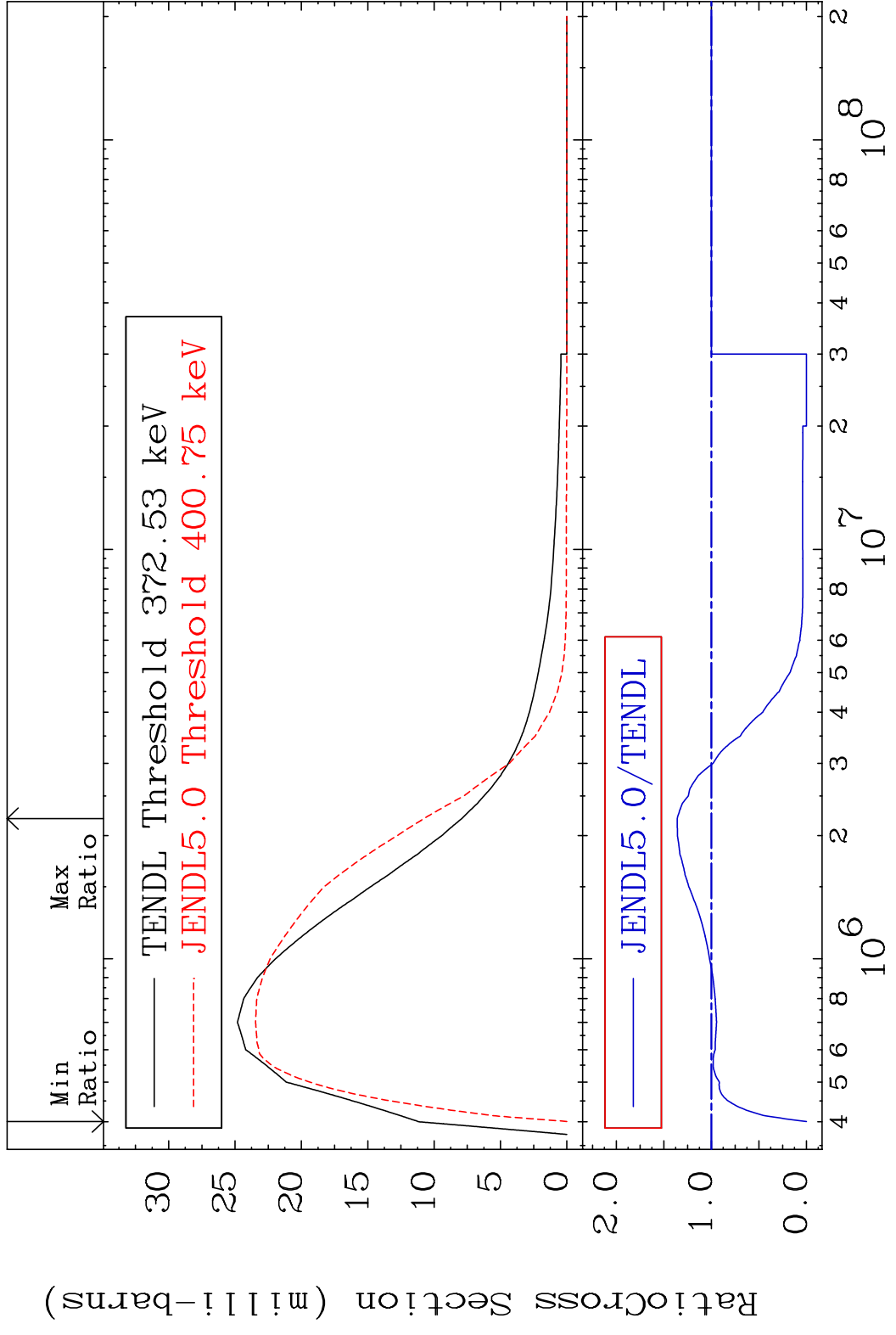


MAT 5322 MT= 71 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %

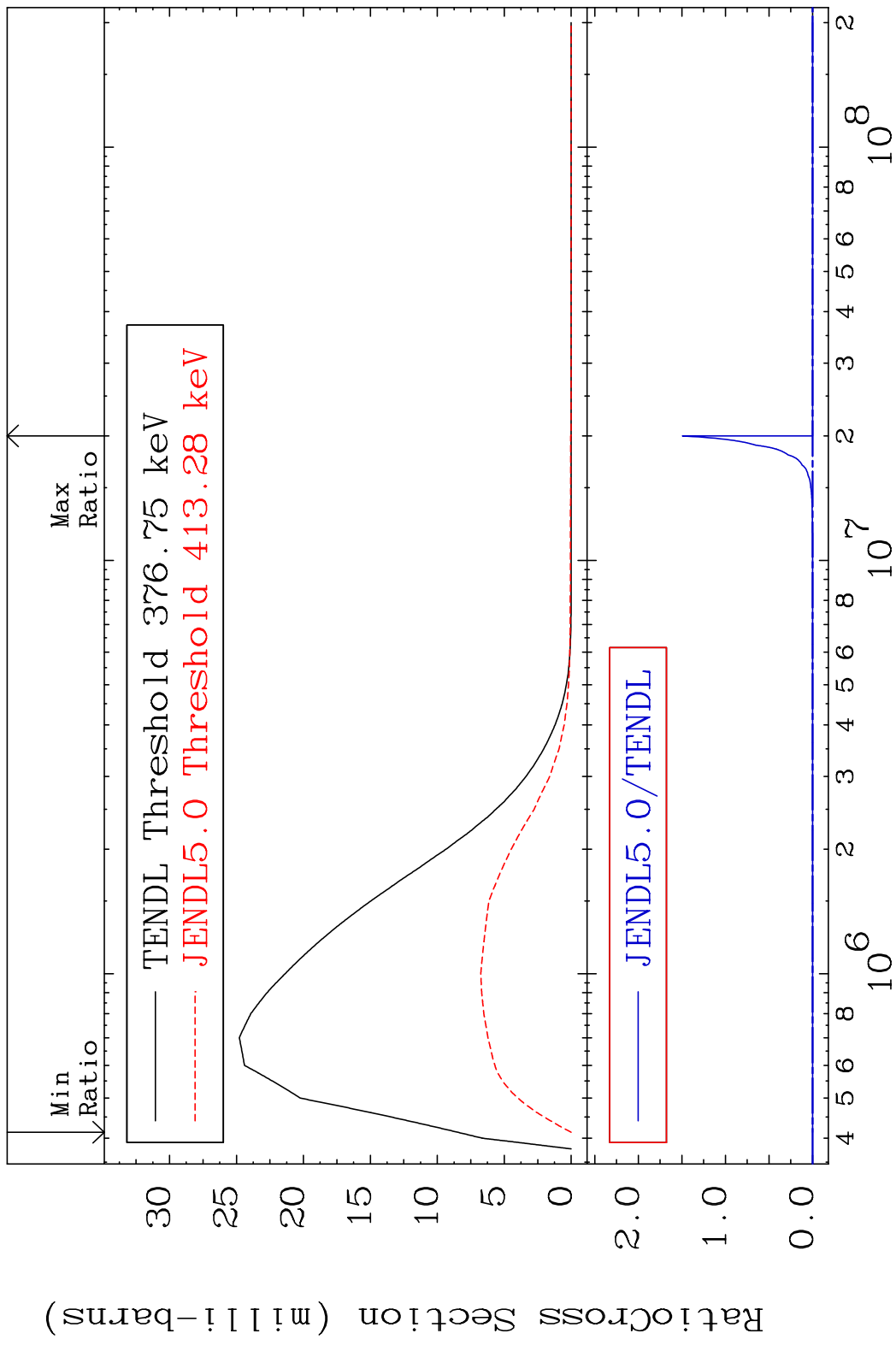


33 Incident Energy (eV) 53-I -126

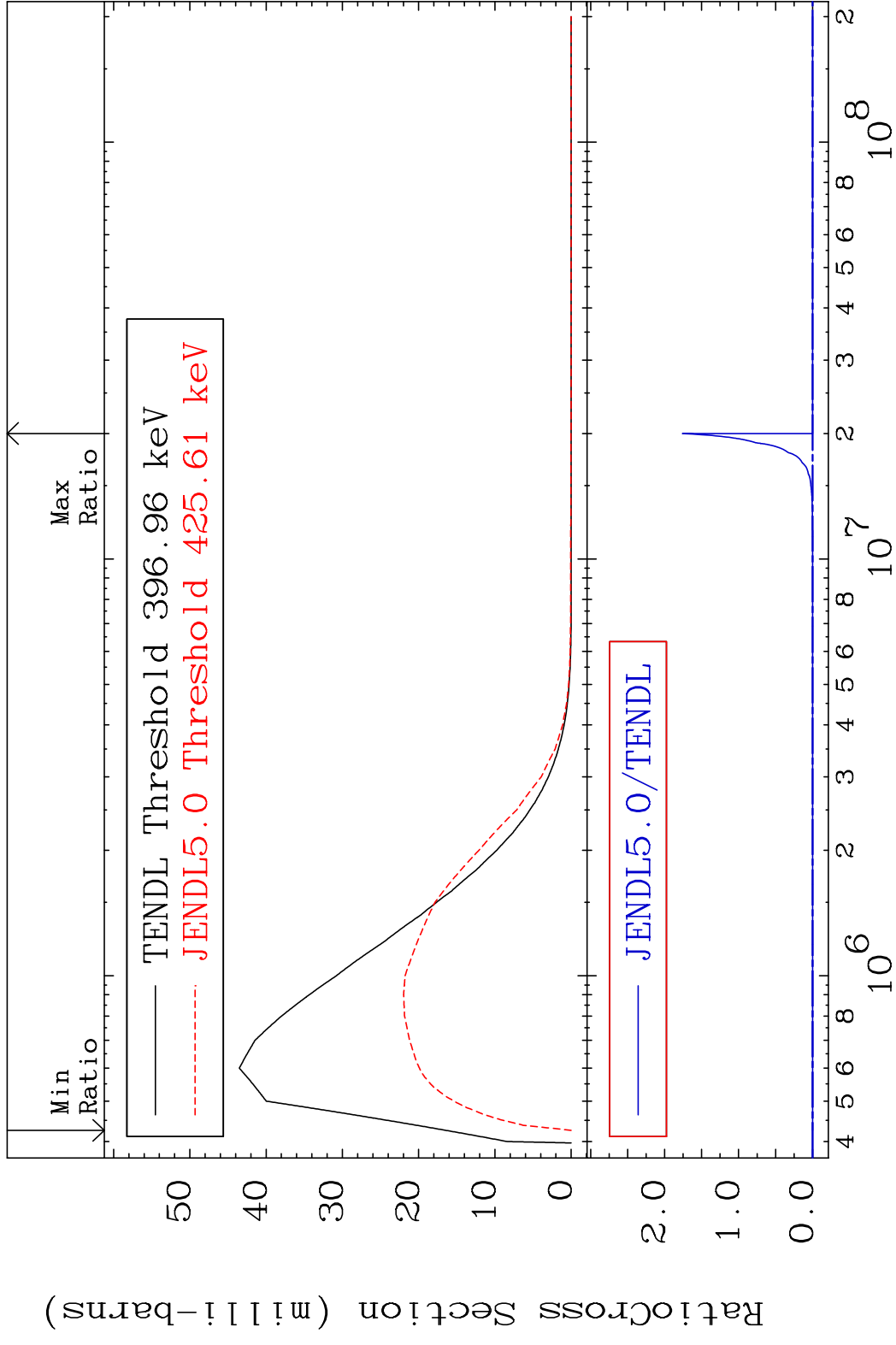
MAT 5322 MT= 72 (n,n') Level 53-I -126
 Cross Section -100.0 To 35.93 %



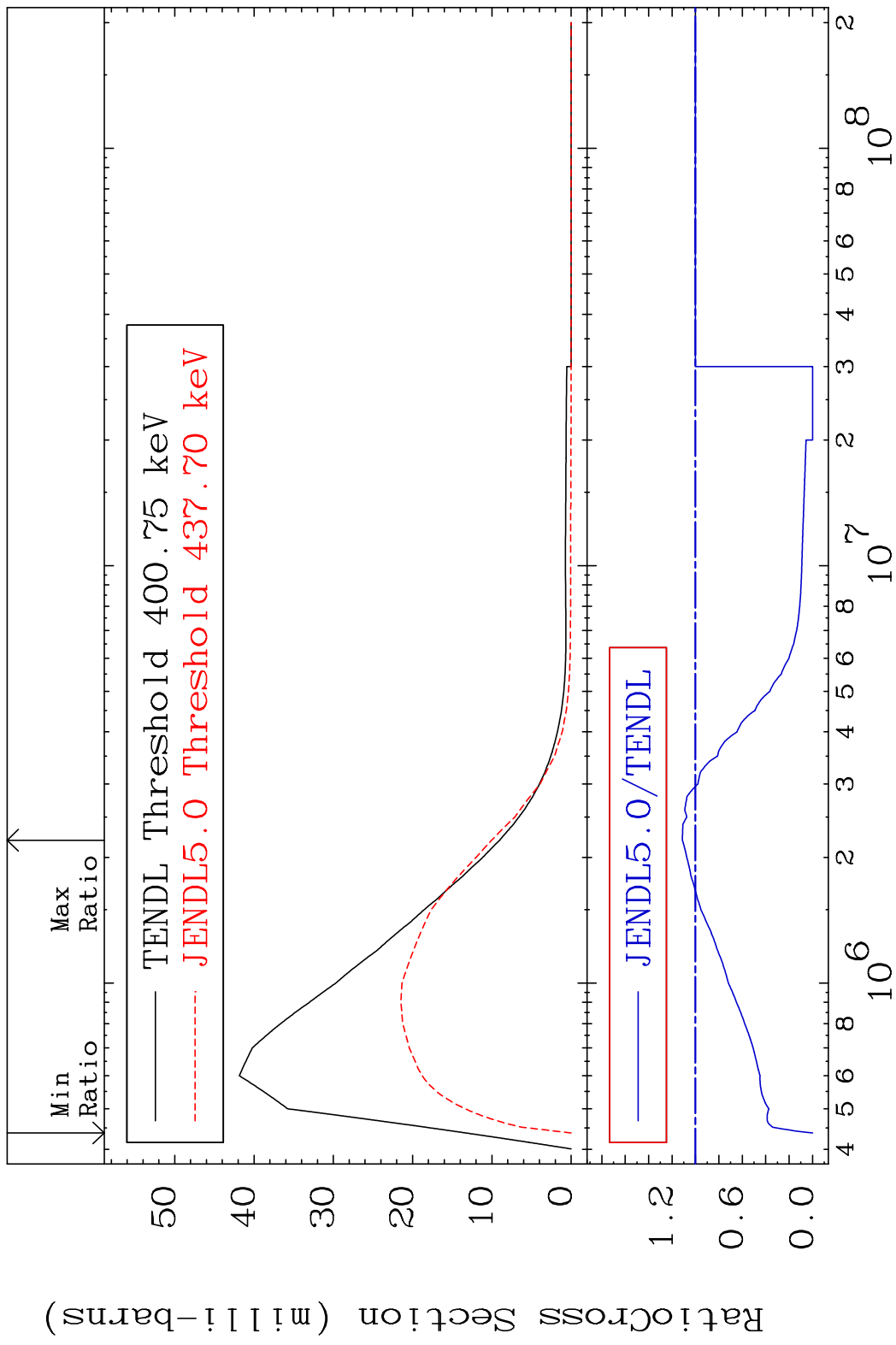
MAT 5322 MT= 73 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %



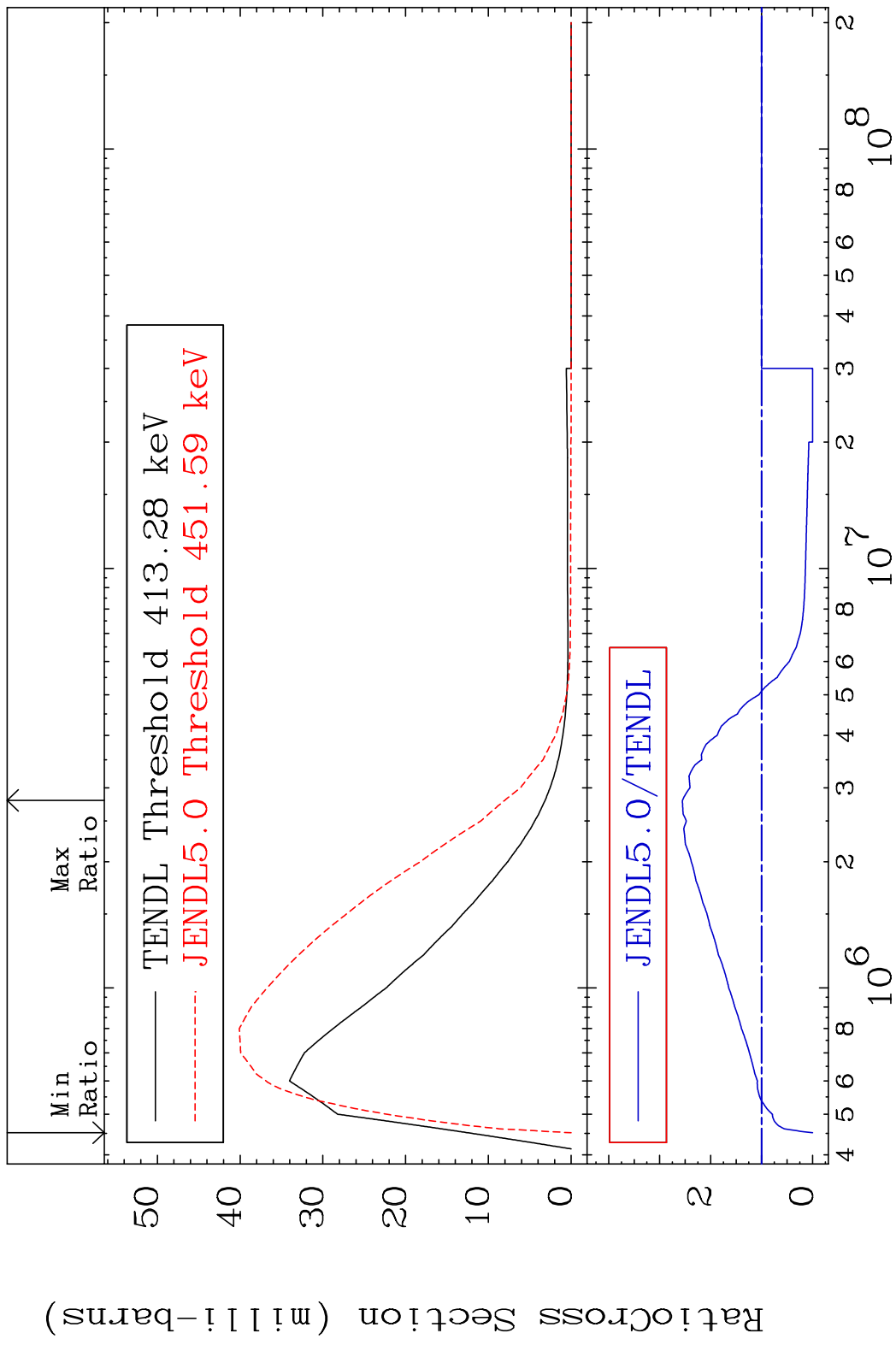
MAT 5322 MT= 74 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %



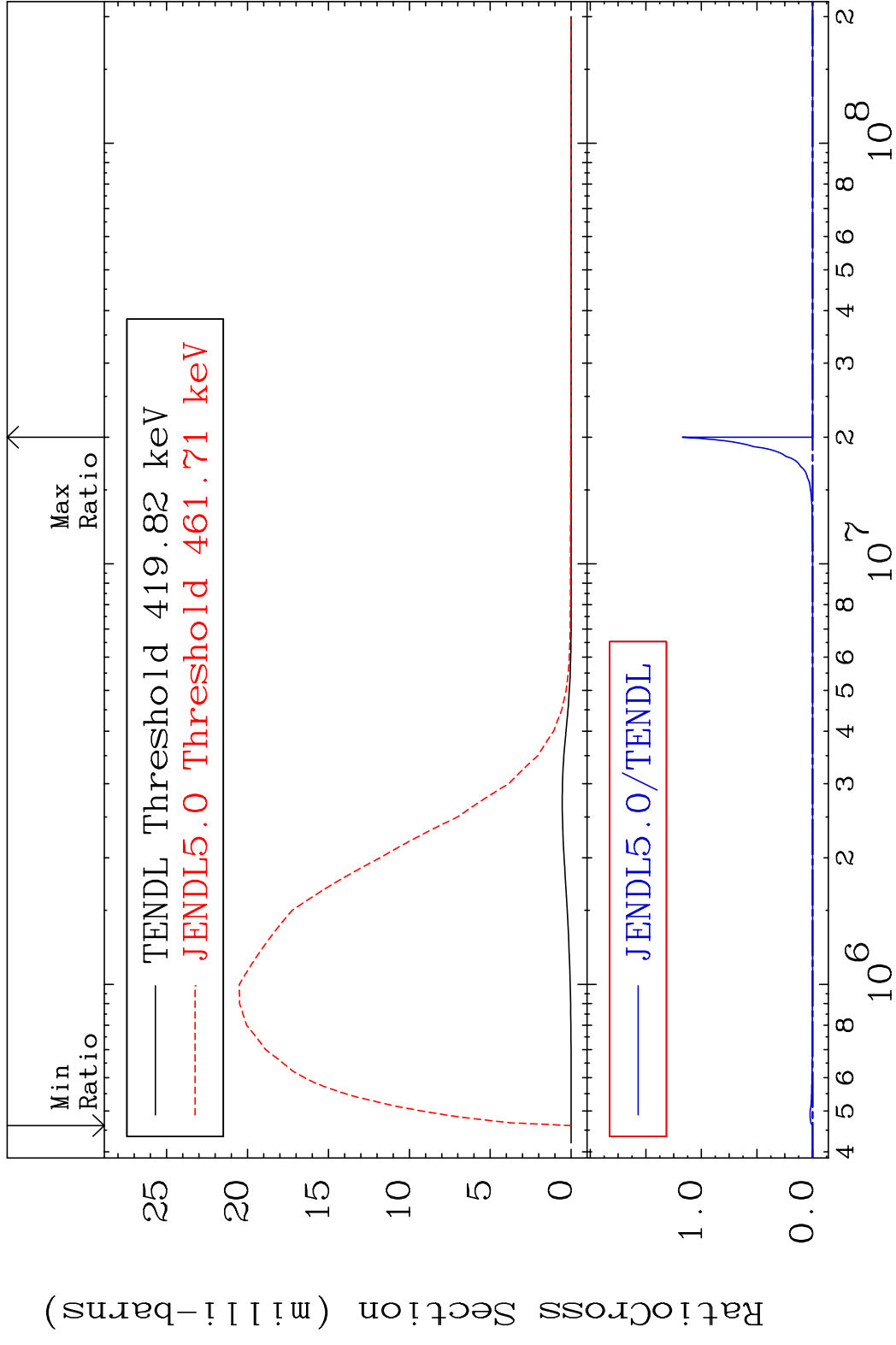
MAT 5322 MT= 75 (n,n') Level 53-I -126
 Cross Section -100.0 To 11.20 %



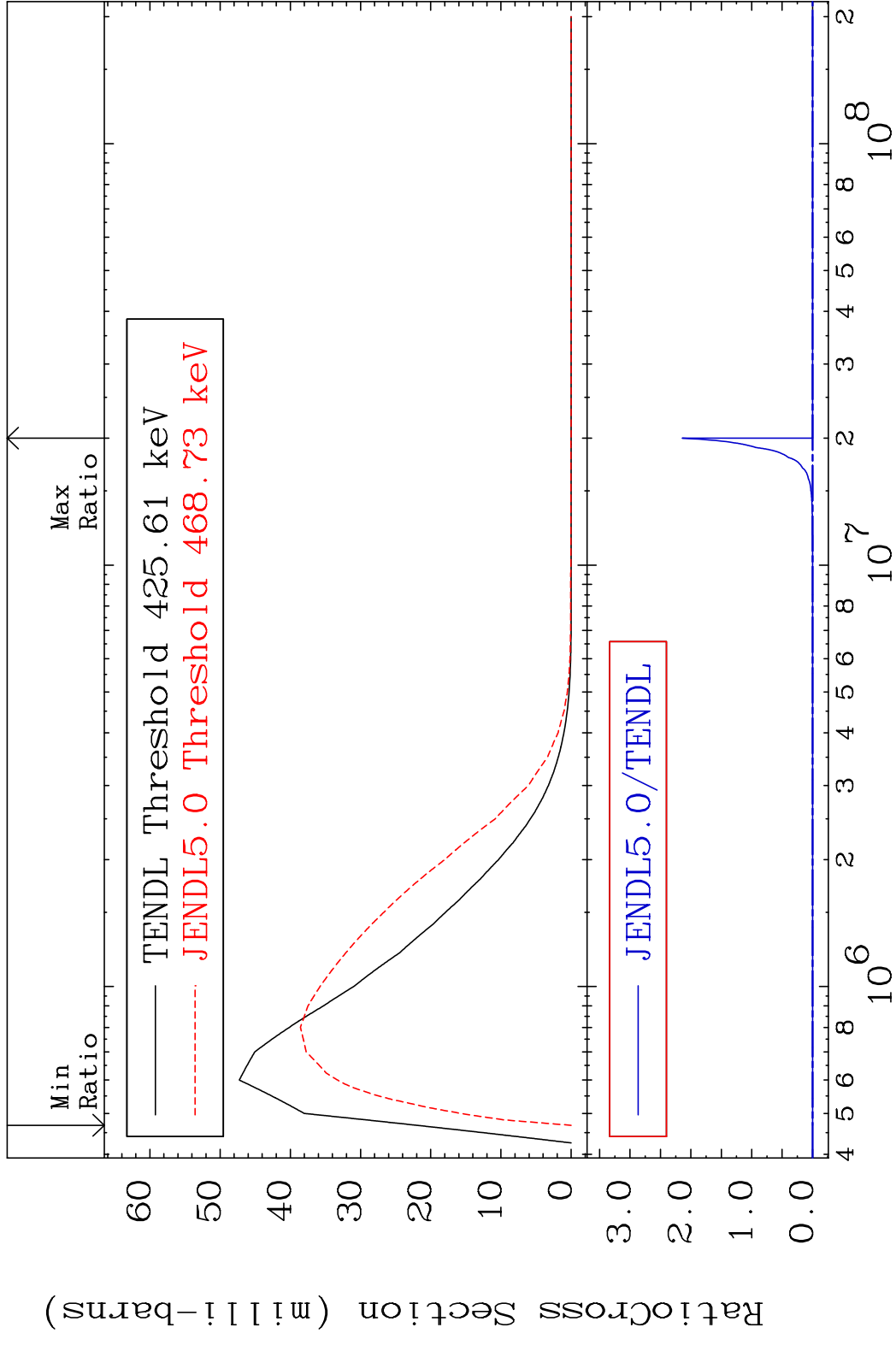
MAT 5322 MT= 76 (n,n') Level 53-I -126
 Cross Section -100.0 To 155.5 %



MAT 5322 MT= 77 (n,n') Level 53-I -126
 Cross Section -100.0 To 9999. %

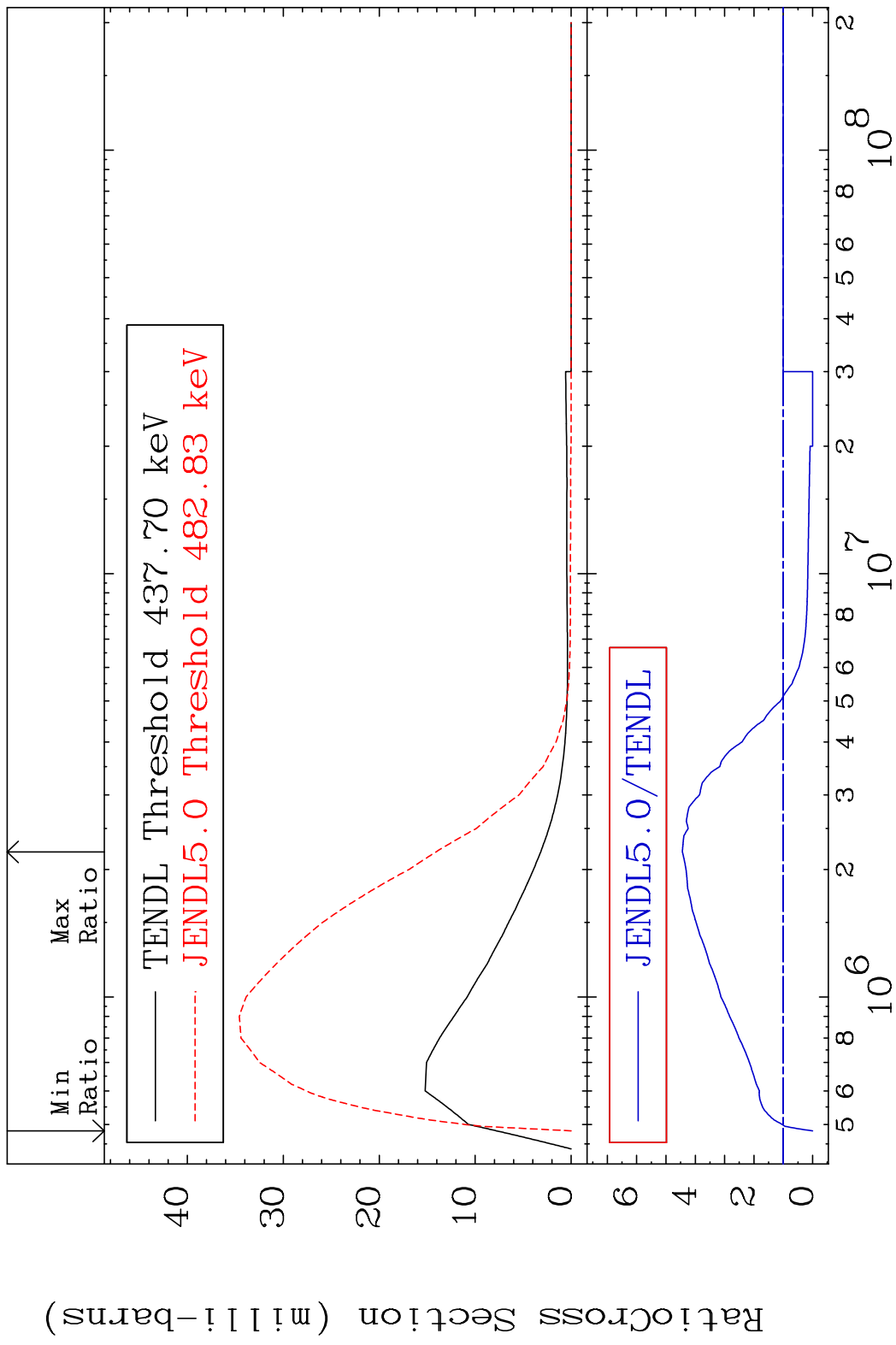


MAT 5322 MT= 78 (n, n') Level 53-I -126
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 53-I -126

MAT 5322 MT= 79 (n,n') Level 53-I -126
 Cross Section -100.0 To 344.1 %

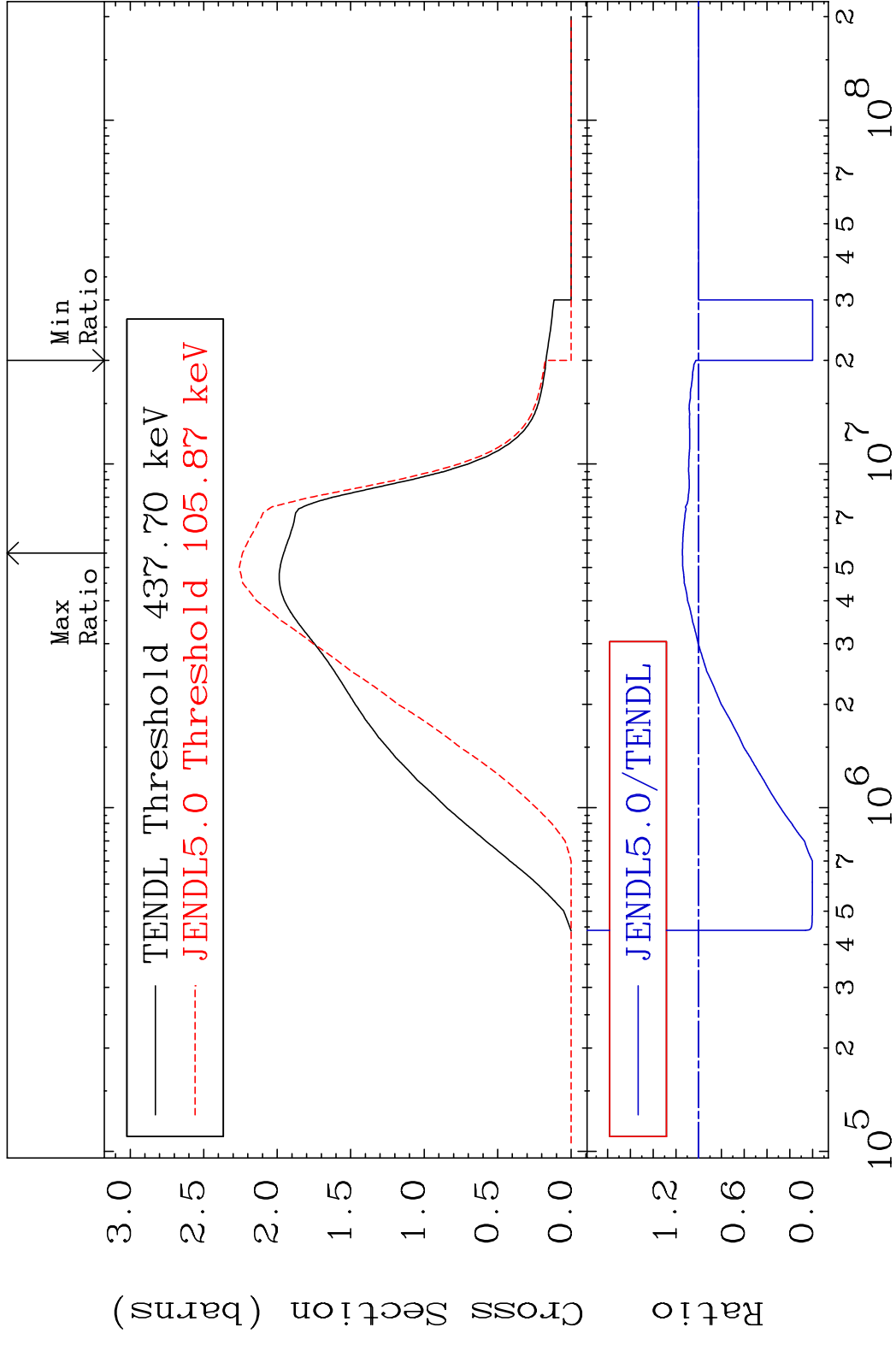


MAT 5322

(n,n') Continuum

53-I -126

Cross Section -100.0 To 14.33 %



42

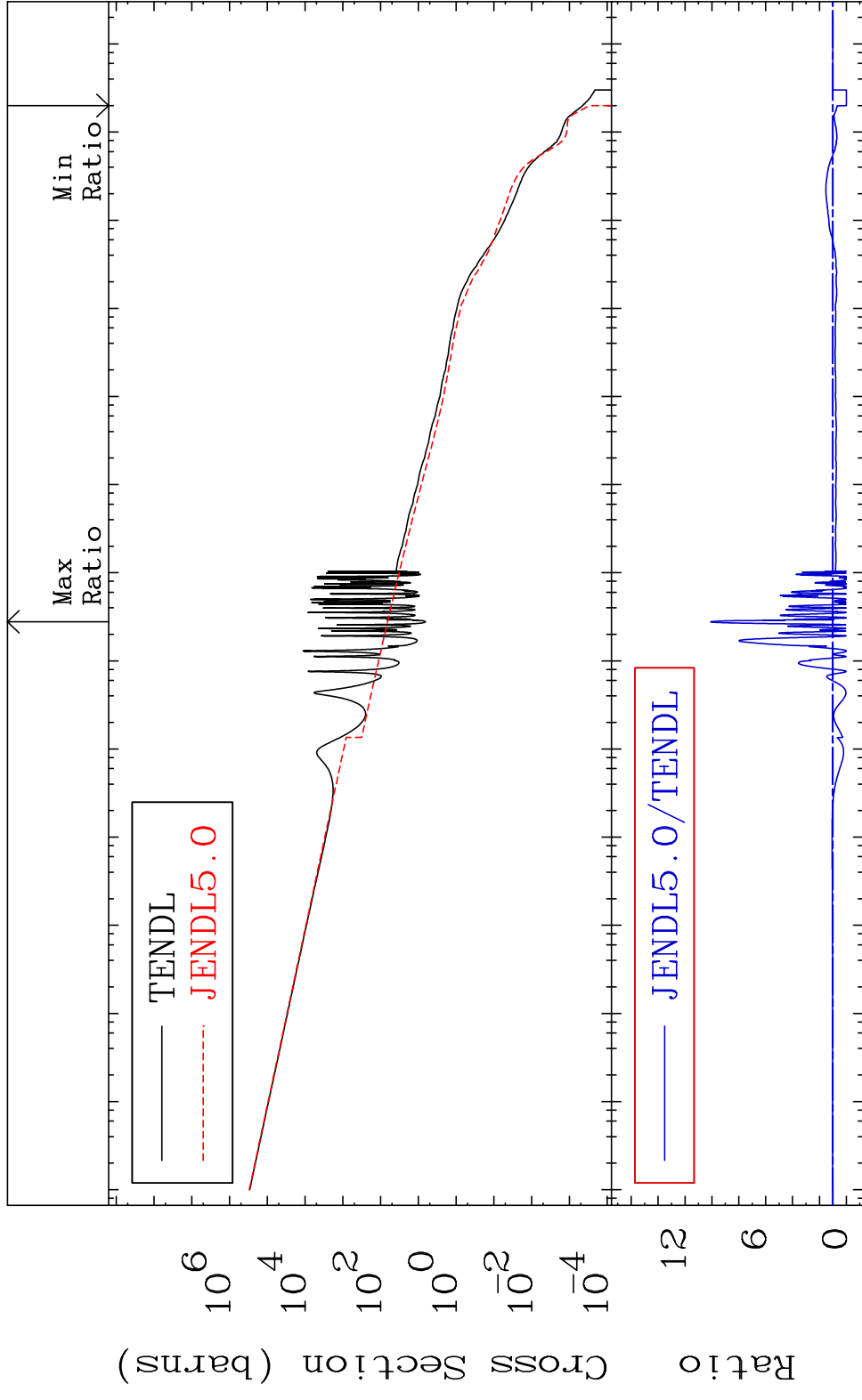
Incident Energy (eV)

53-I -126

MAT 5322

(n, γ)
Cross Section -100.0 To 908.6 %

53-I -126



43

Incident Energy (eV)

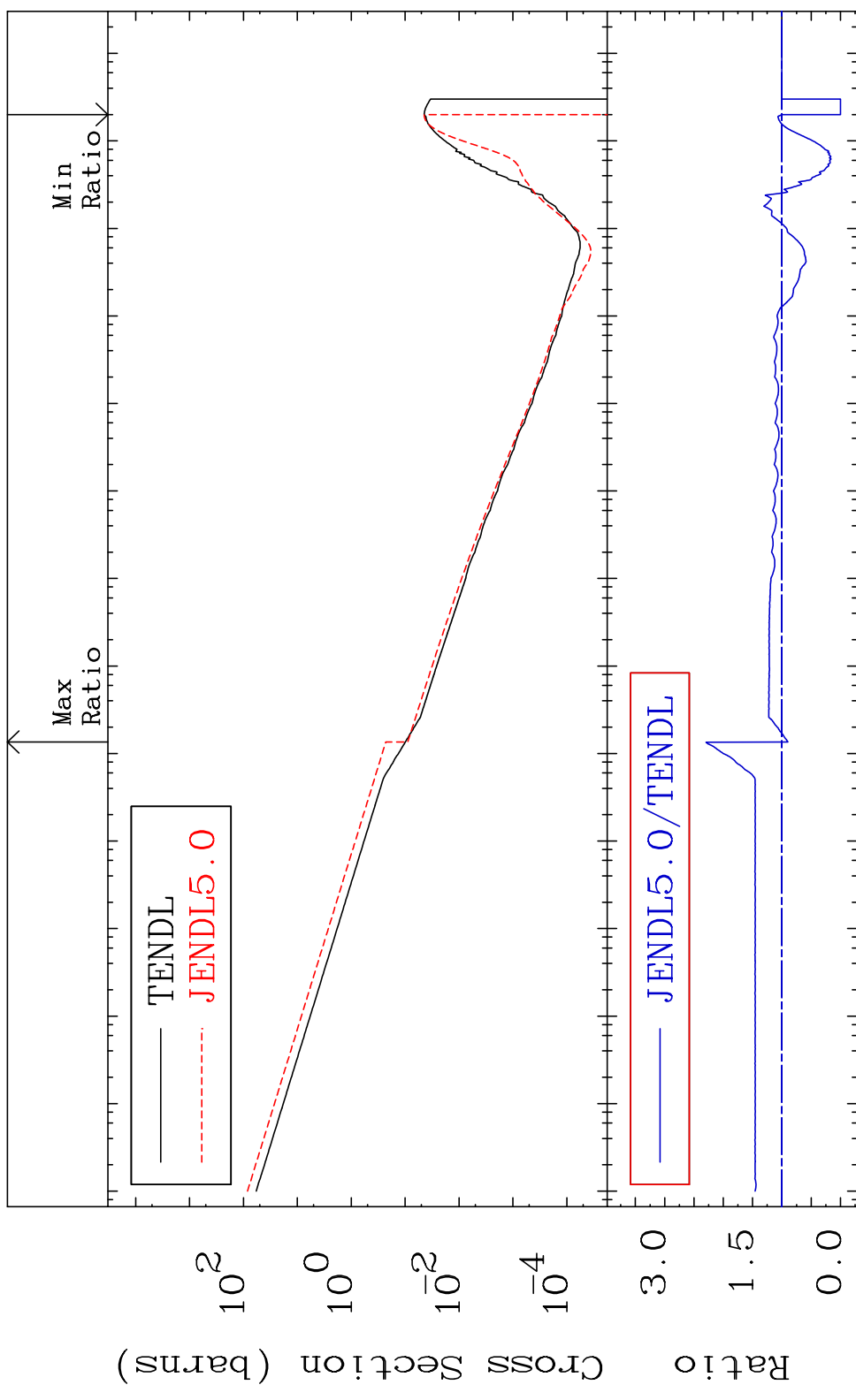
53-I -126

MAT 5322

(n, p)

53-I -126

Cross Section -100.0 To 129.9 %

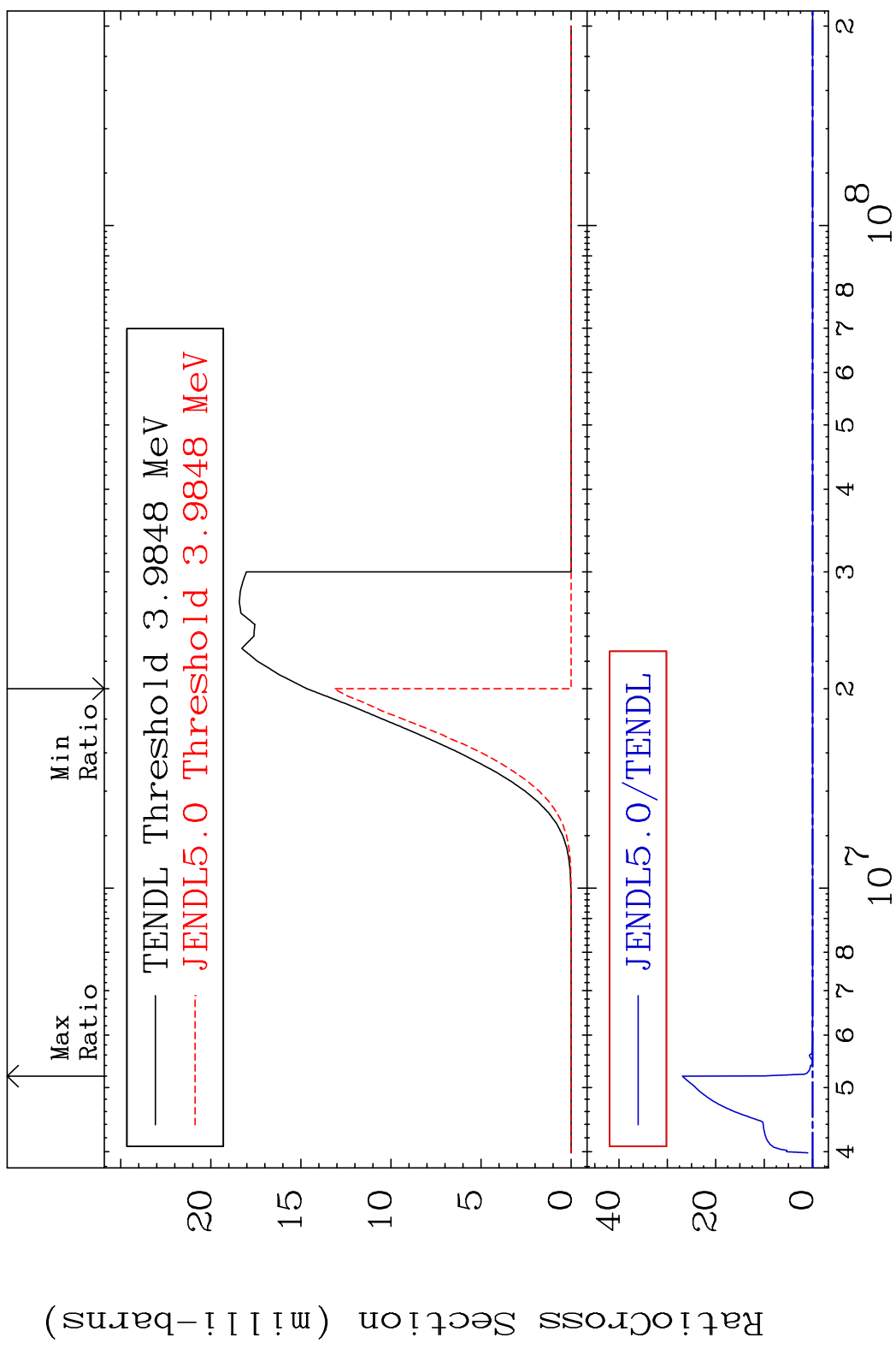


MAT 5322

(n,d)

53-I -126

Cross Section -100.0 To 9999. %

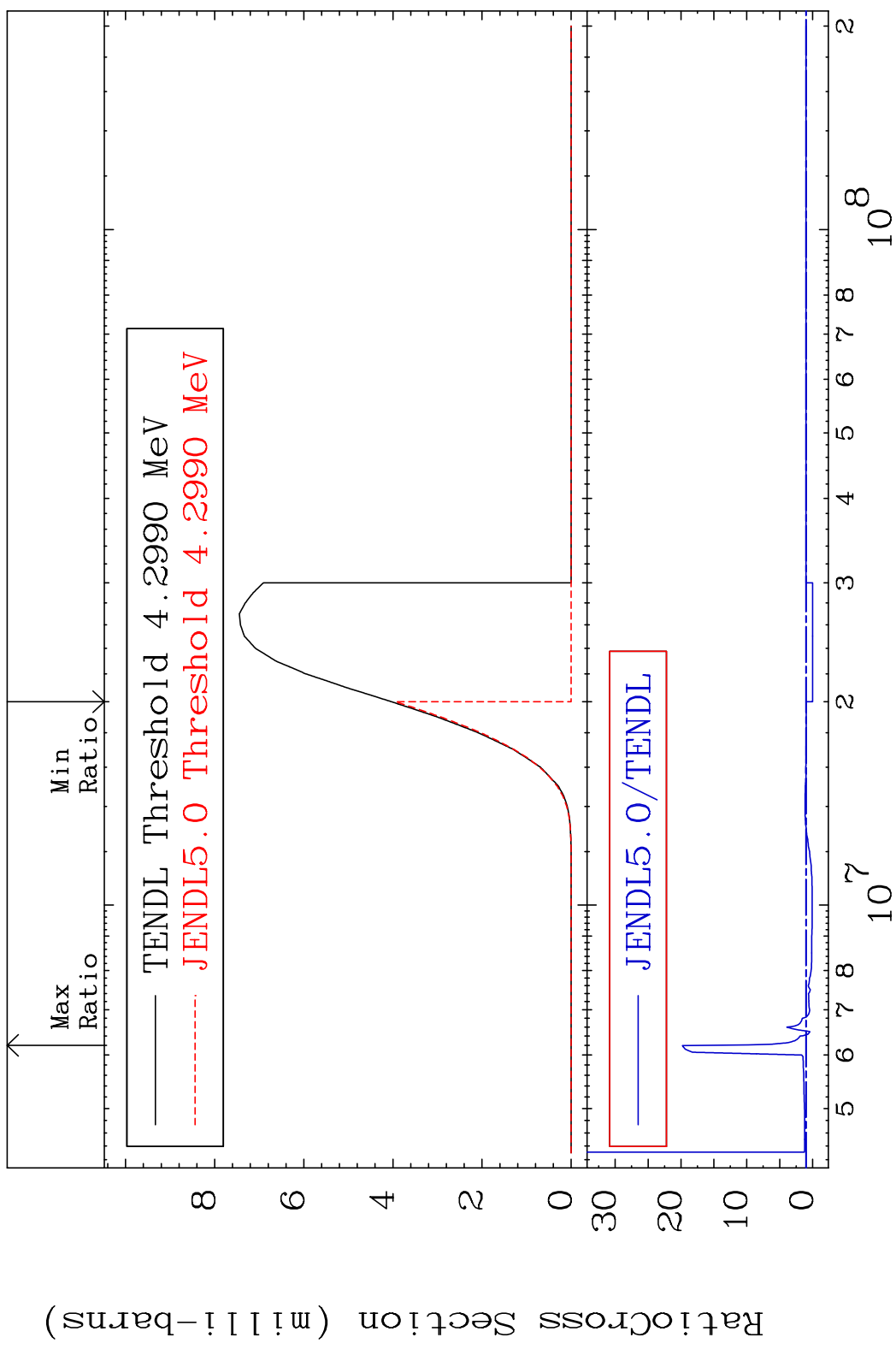


45

Incident Energy (eV)

53-I -126

Cross Section -100.0 To 1879. %

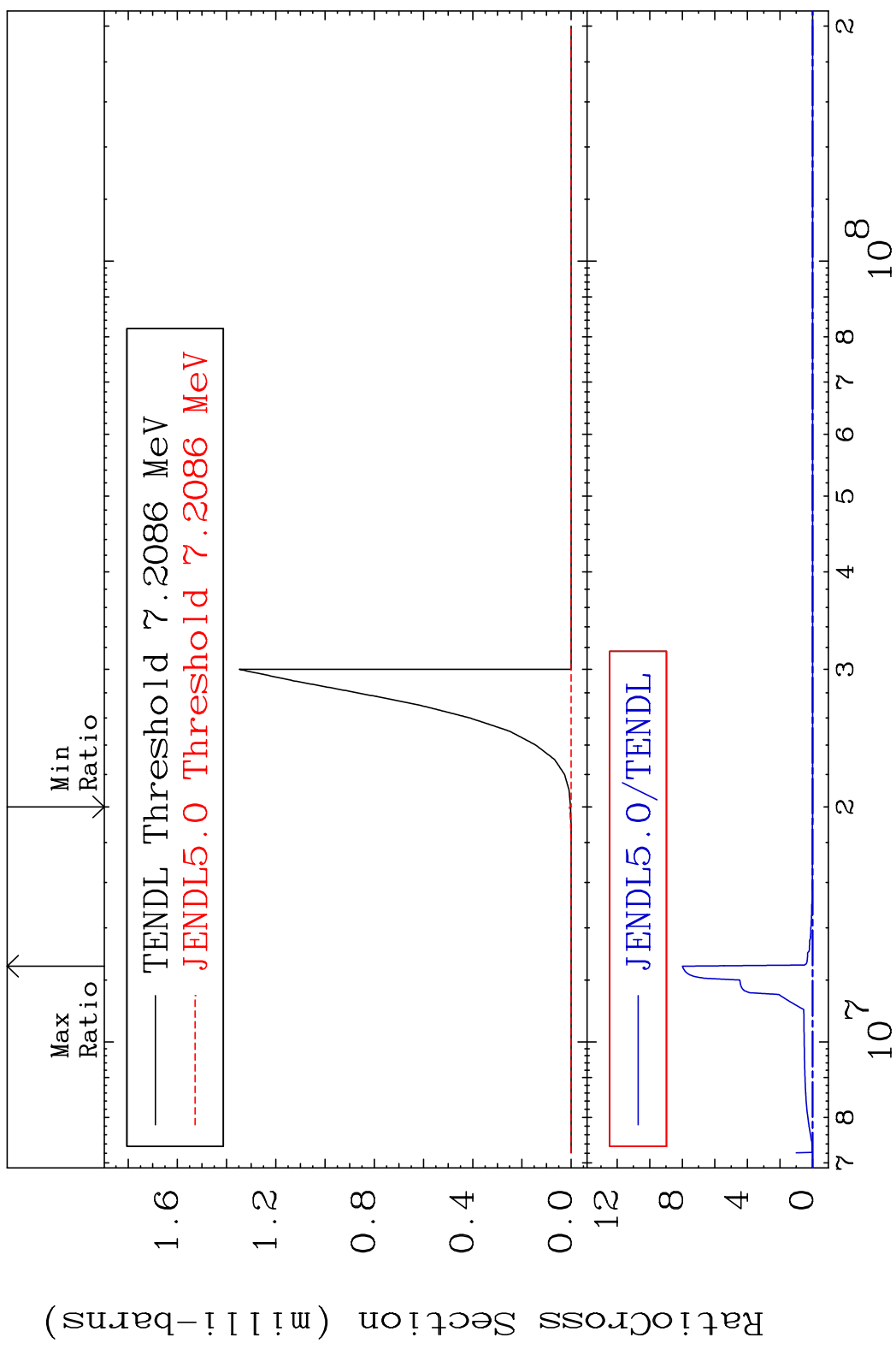


MAT 5322

(n, He-3)

53-I -126

Cross Section -100.0 To 9999. %

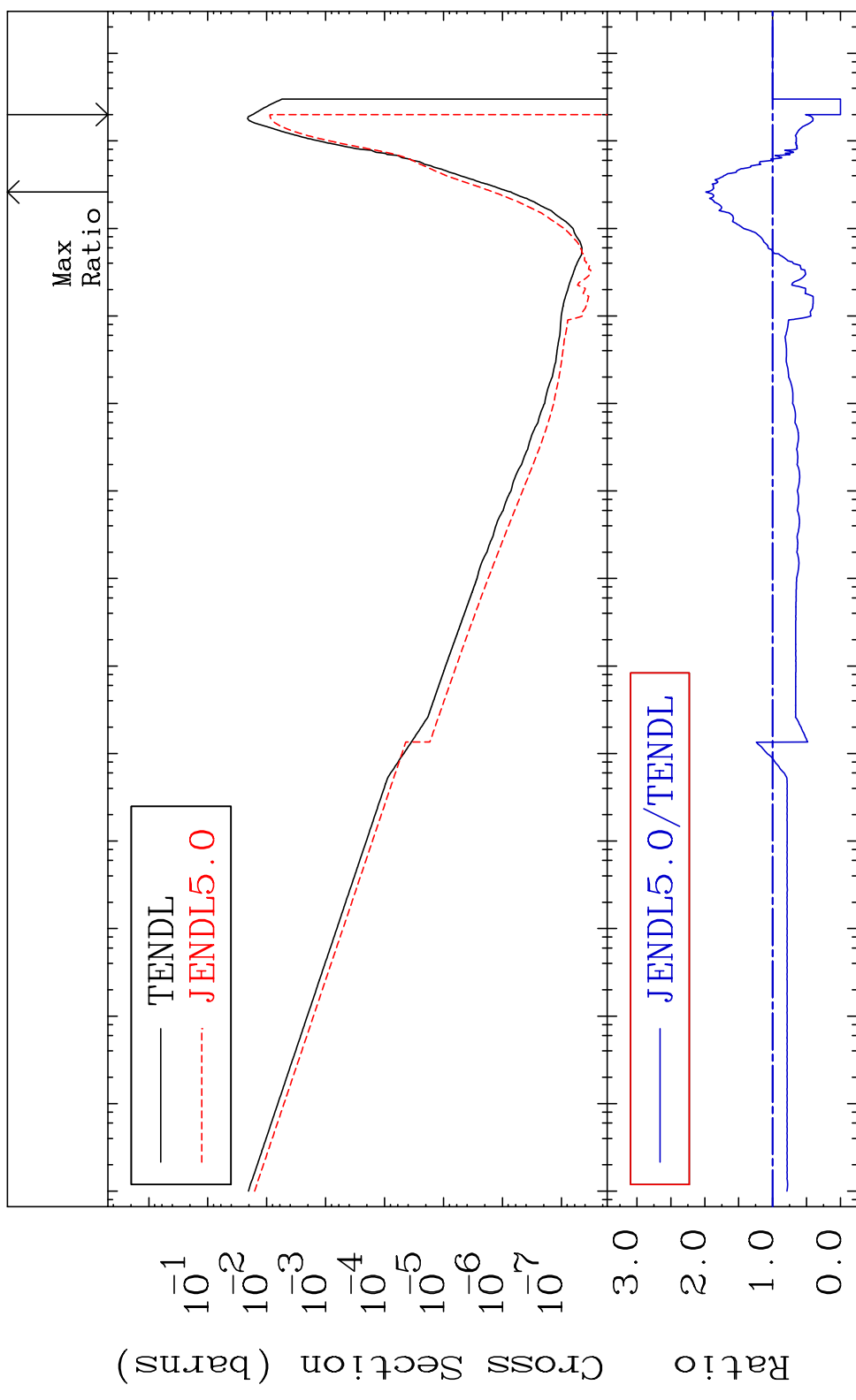


MAT 5322

(n, α)

53-I -126

Cross Section -100.0 To 98.57 %

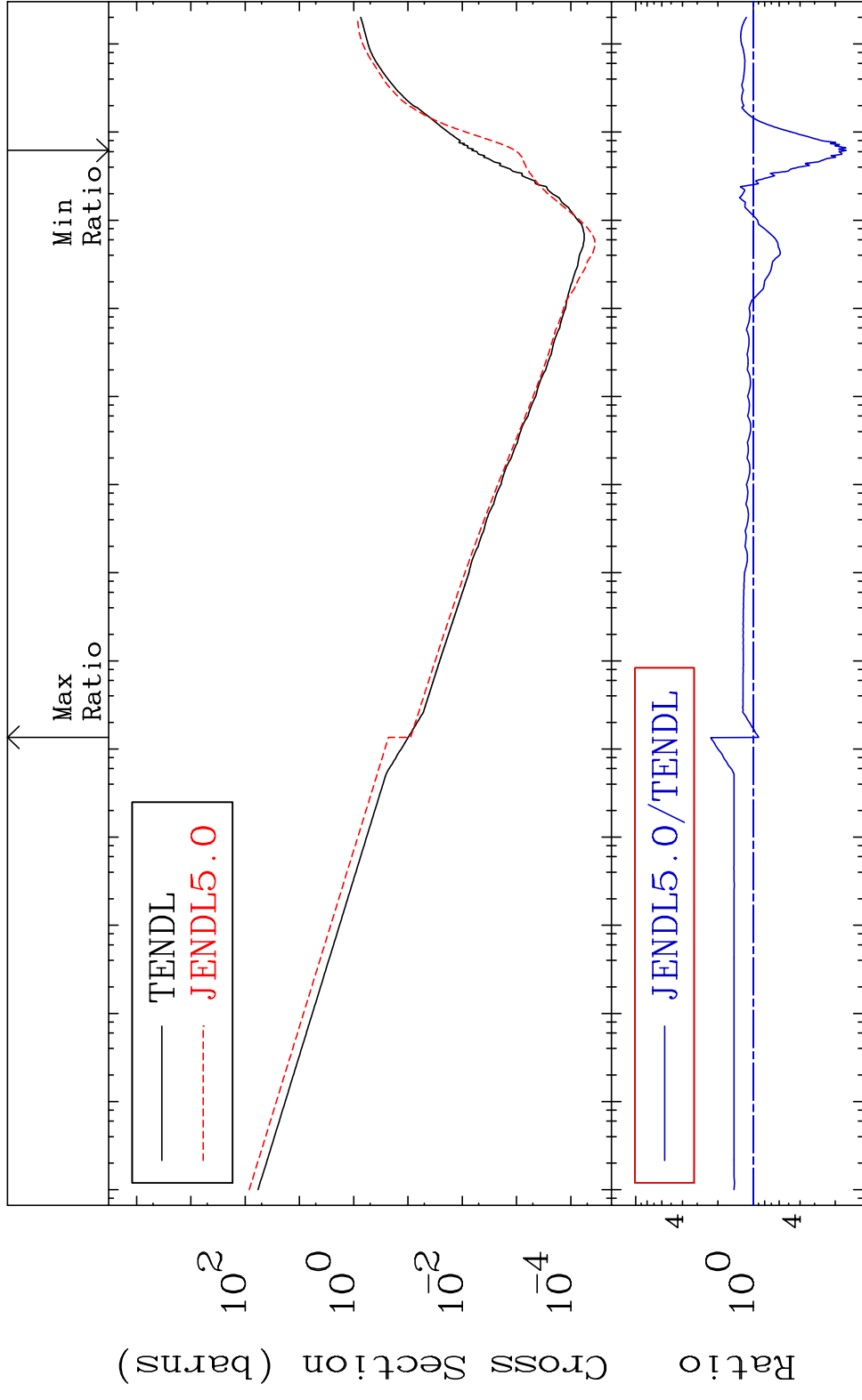


48

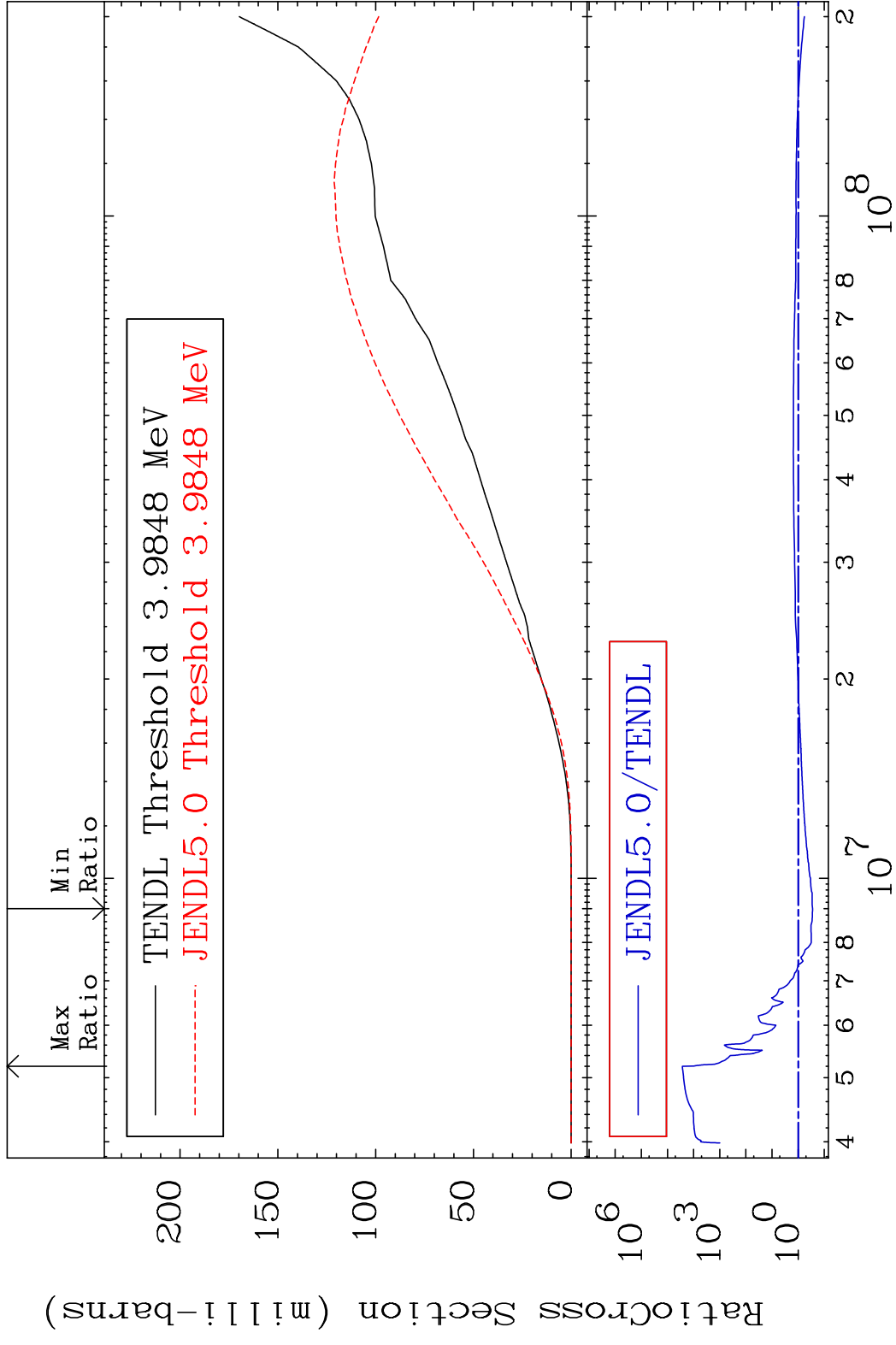
Incident Energy (eV)

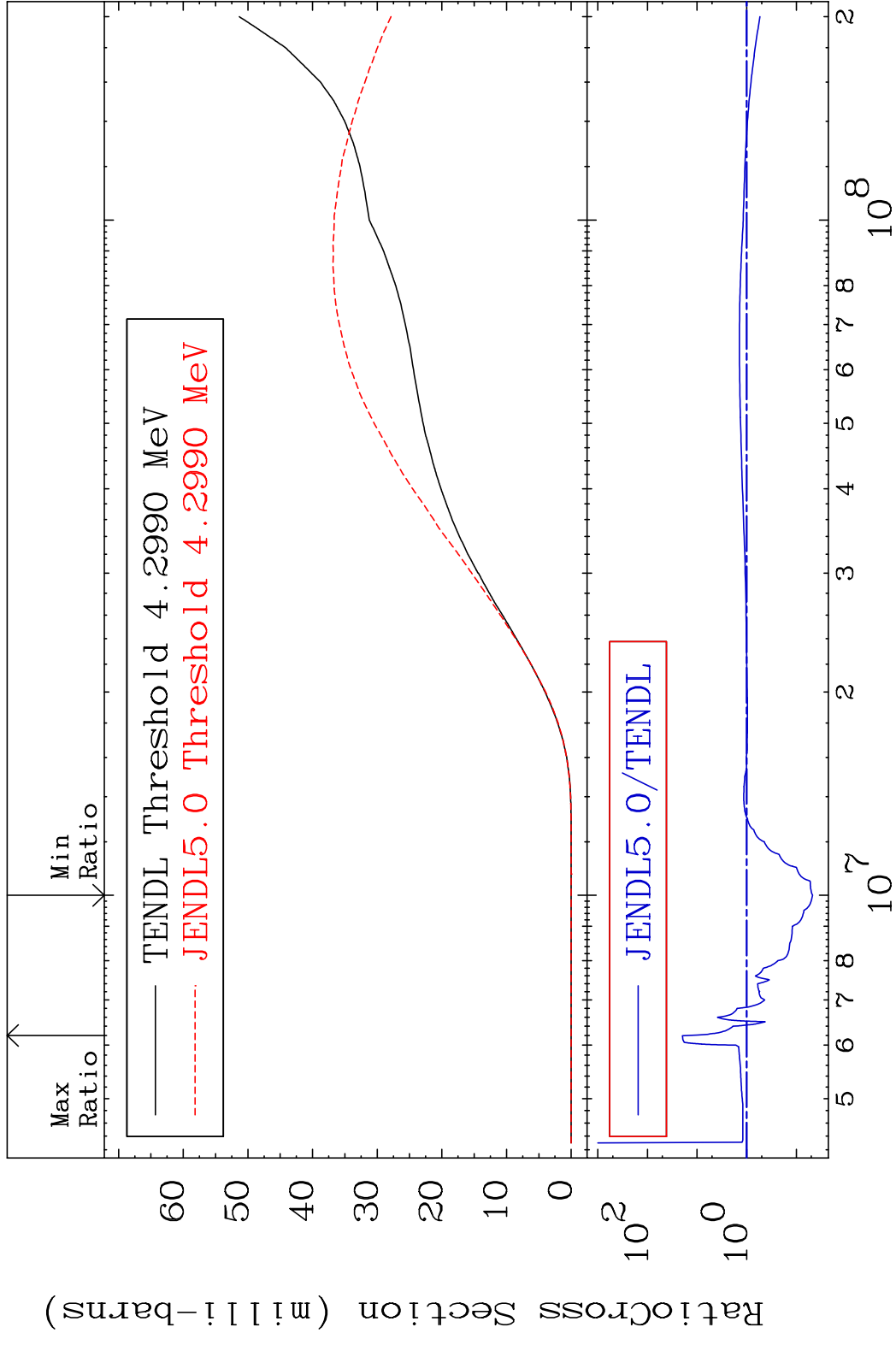
53-I -126

MAT 5322 Hydrogen Production 53-I -126
 Cross Section -83.88 To 129.9 %



49 Incident Energy (eV) 53-I -126



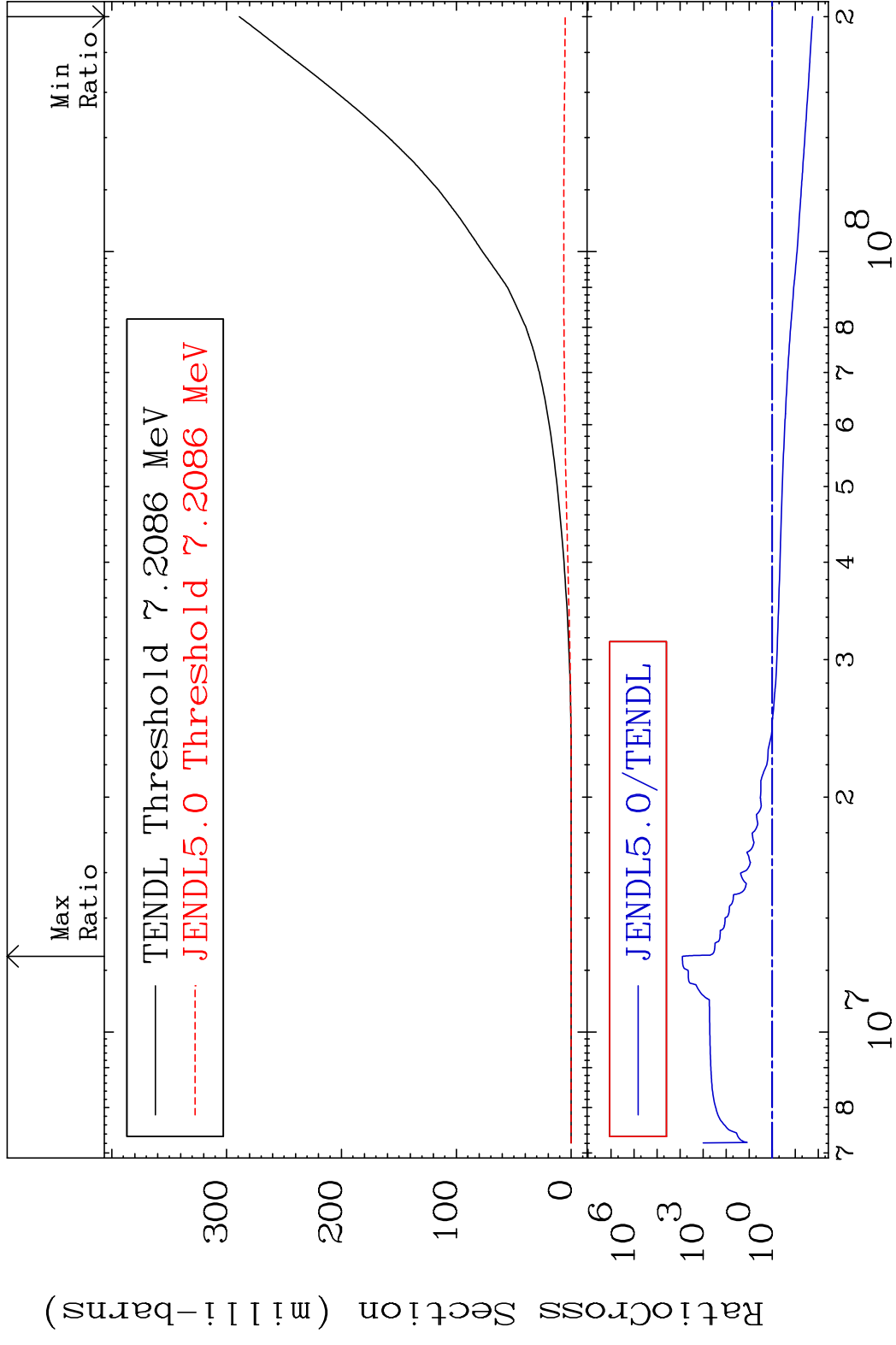


MAT 5322

He-3 Production

53-I -126

Cross Section -98.23 To 9999. %



52

Incident Energy (eV)

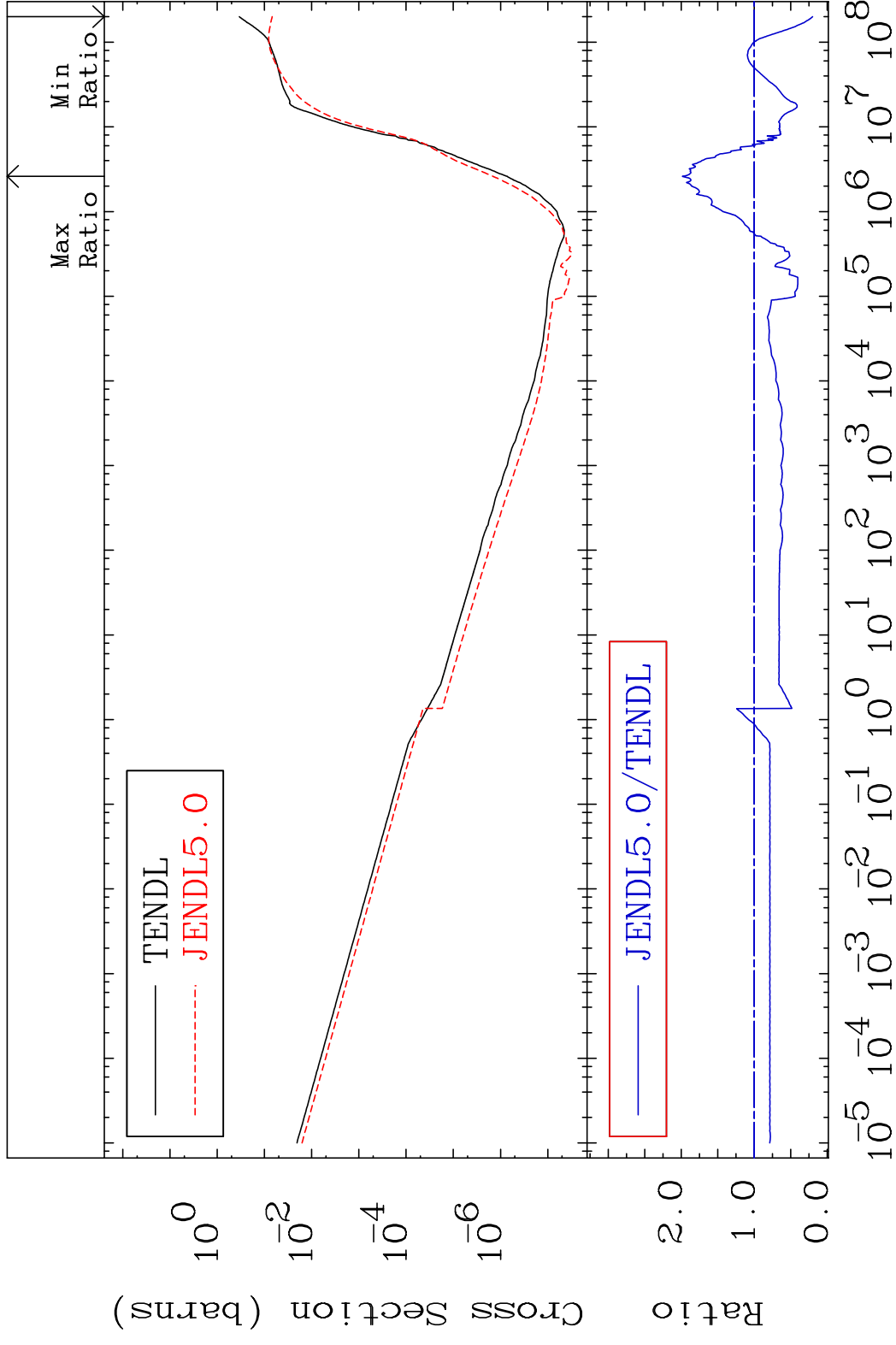
53-I -126

MAT 5322

He-4 Production

53-I -126

Cross Section -79.92 To 98.57 %

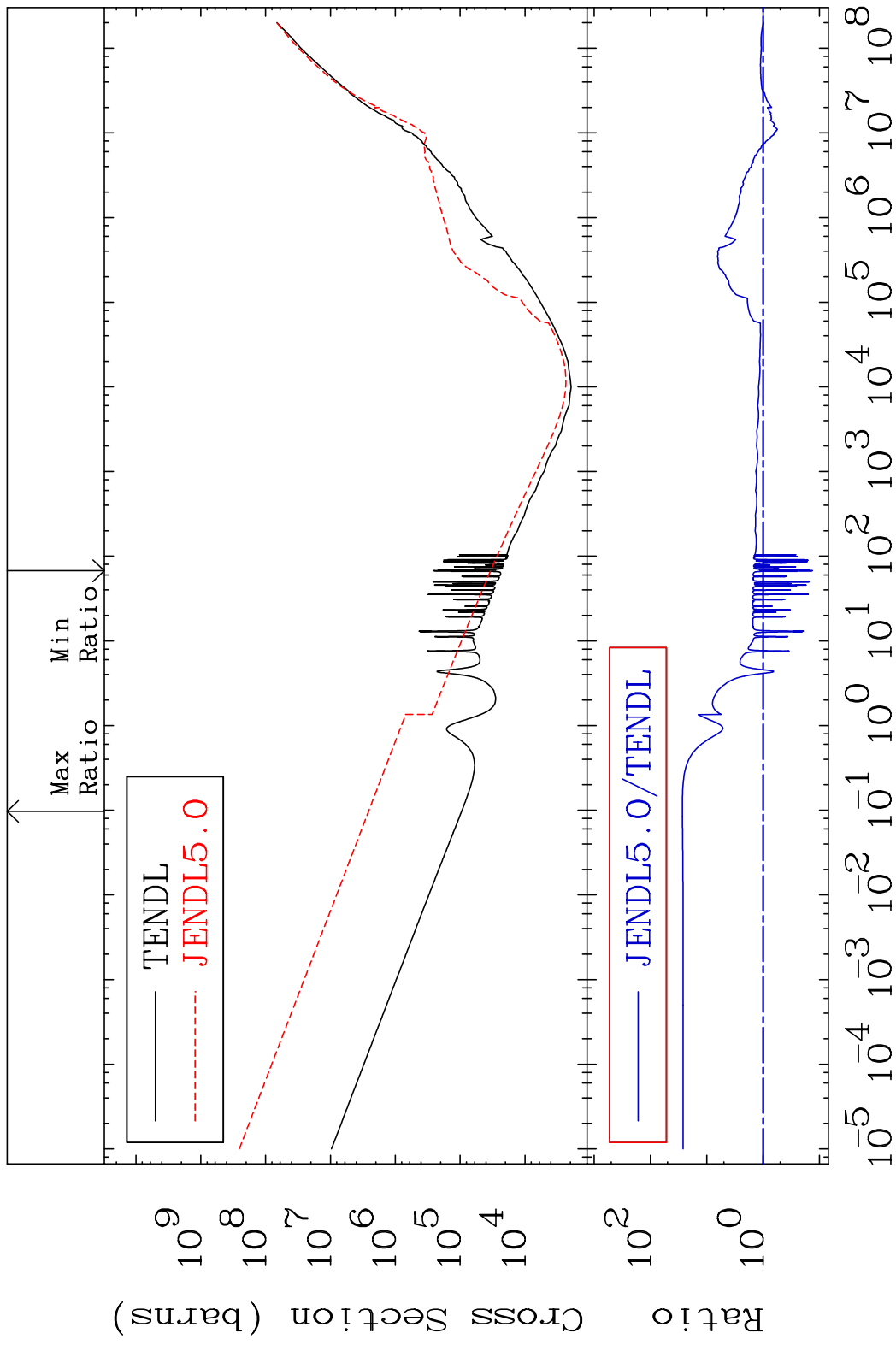


53

Incident Energy (eV)

53-I -126

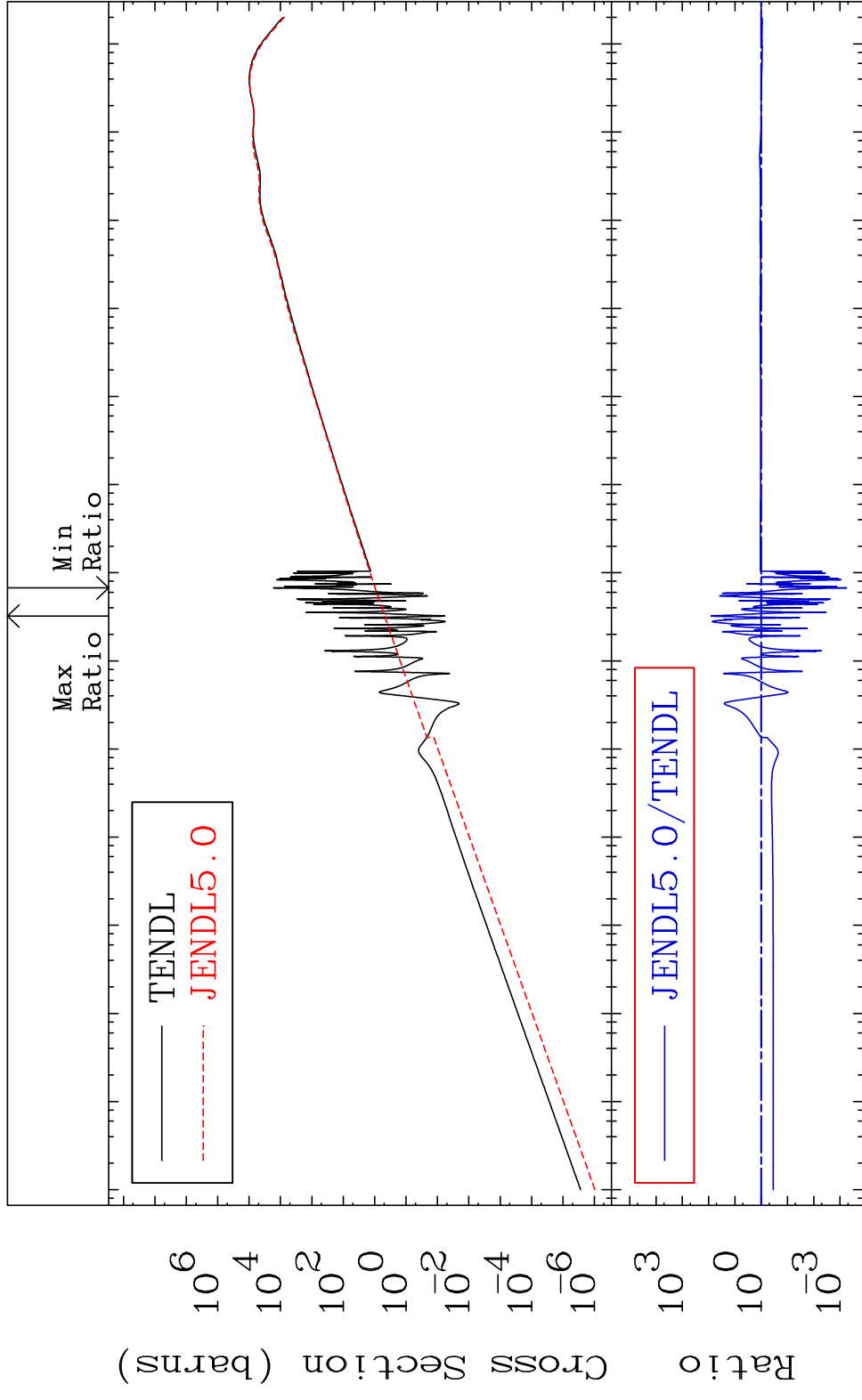
MAT 5322 Kerma total (eV-barns) 53-I -126
 Cross Section -86.71 To 2625. %



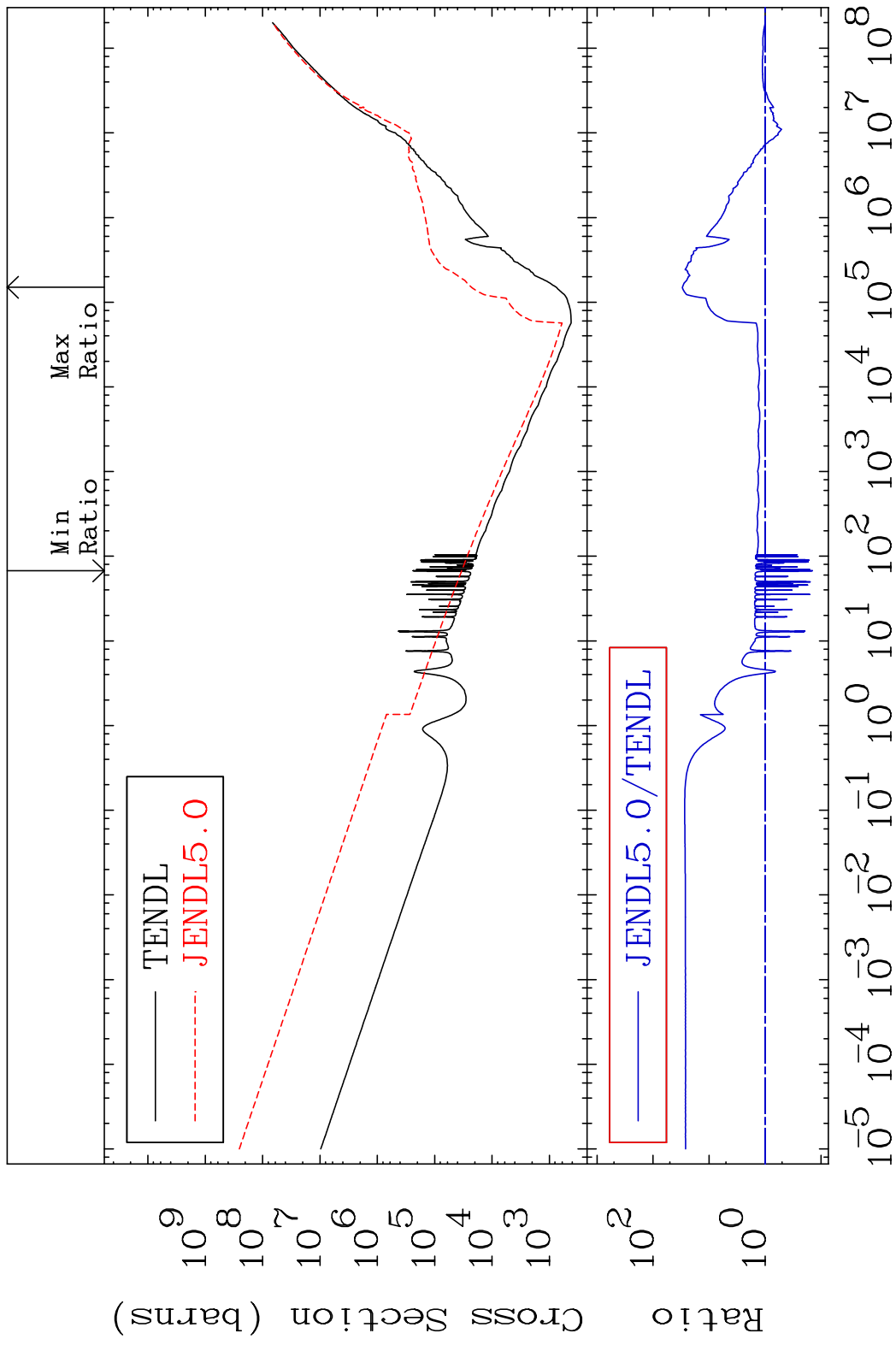
MAT 5322

Kerma elastic
Cross Section

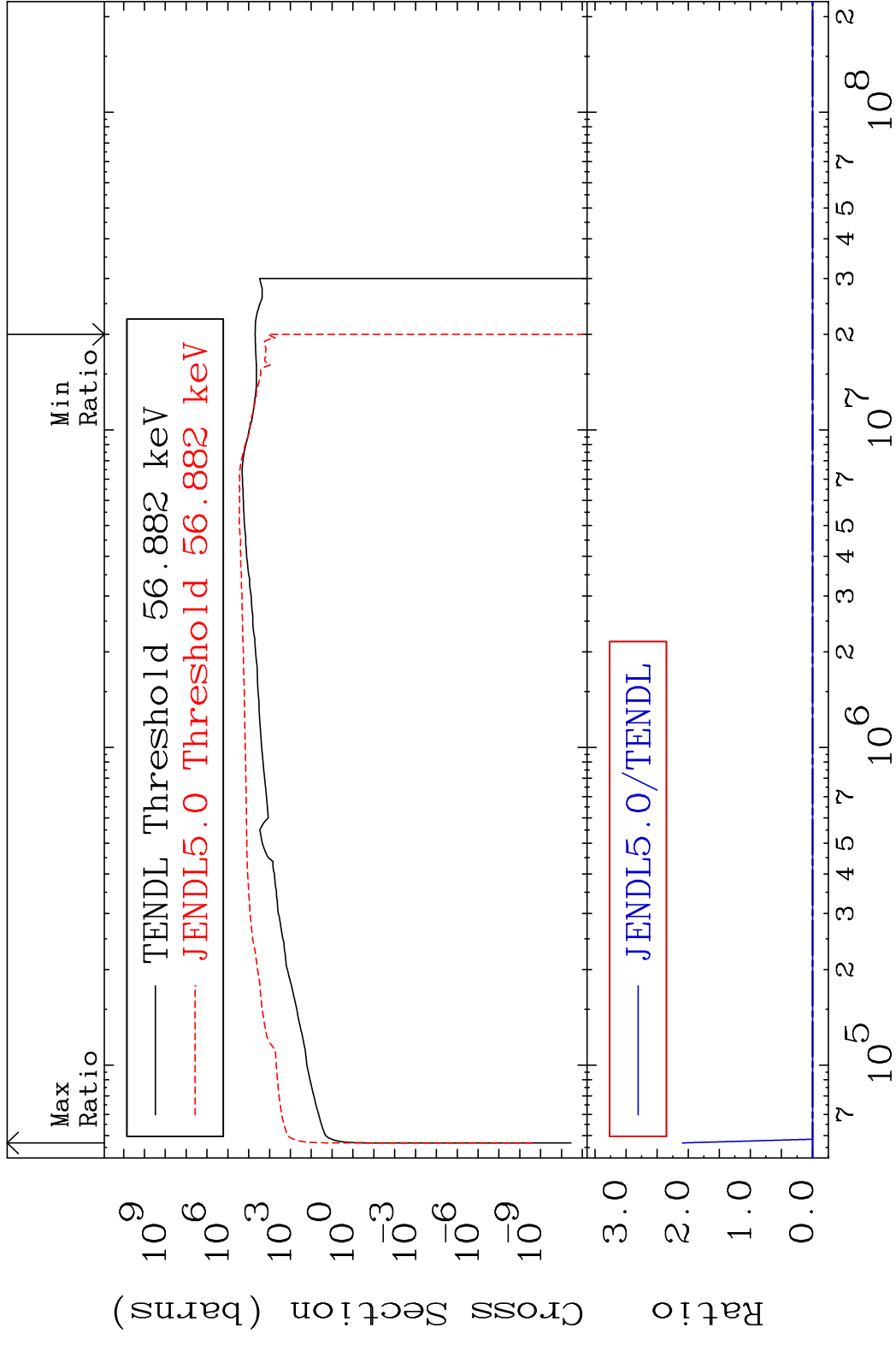
53-I -126
-99.94 To 8219. %



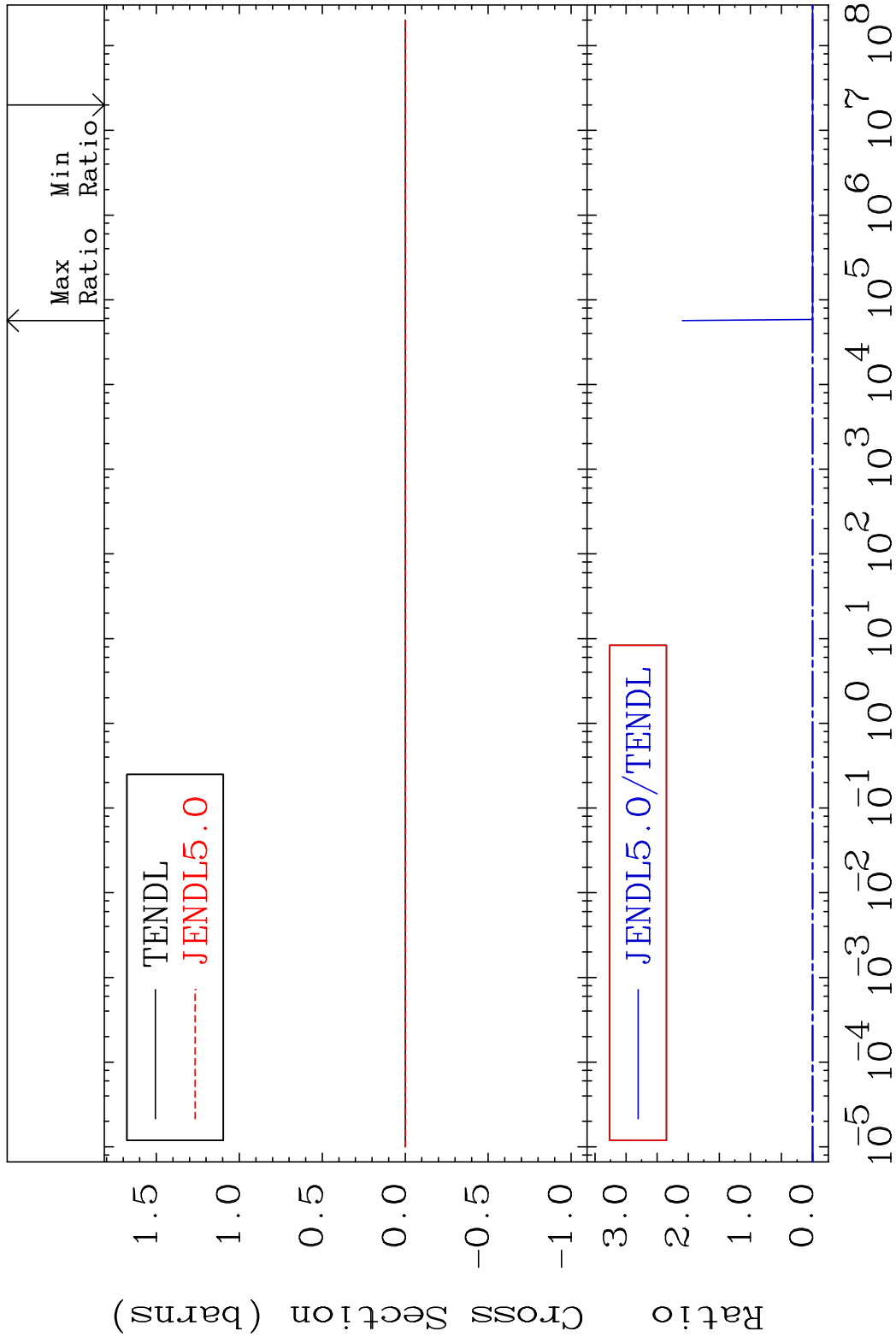
MAT 5322 Kerma non-elastic (all but mt2) 53-I -126
 Cross Section -85.79 To 2898. %



MAT 5322 Kerma inelastic (mt51-91) 53-I -126
 Cross Section -100.0 To 9999. %

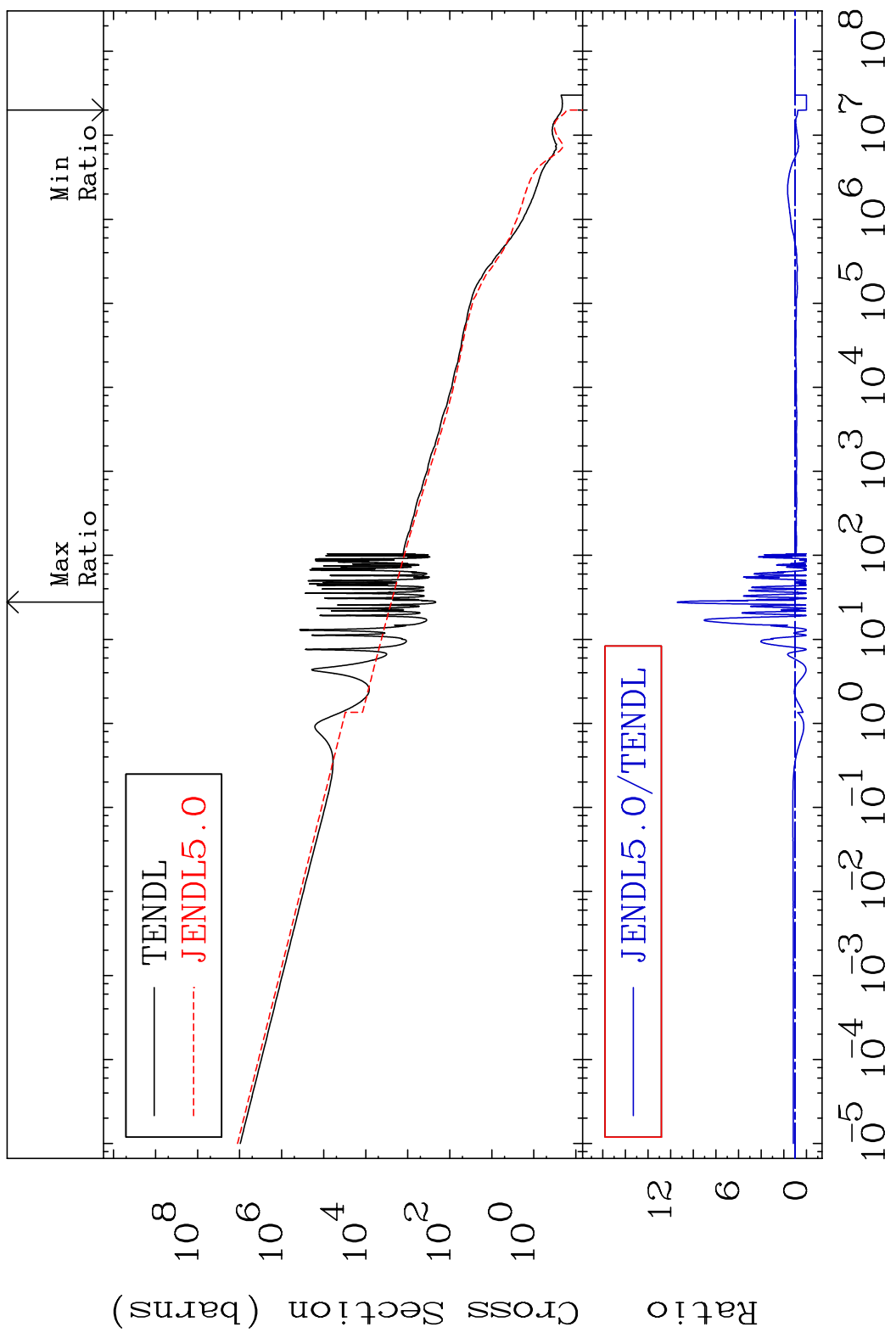


MAT 5322 Kerma fission (mt18 or mt19-20-21-38)53-I -126
 Cross Section -100.0 To 9999. %



MAT 5322

Kerma capture (mt102) 53-I -126
Cross Section -100.0 To 1042. %



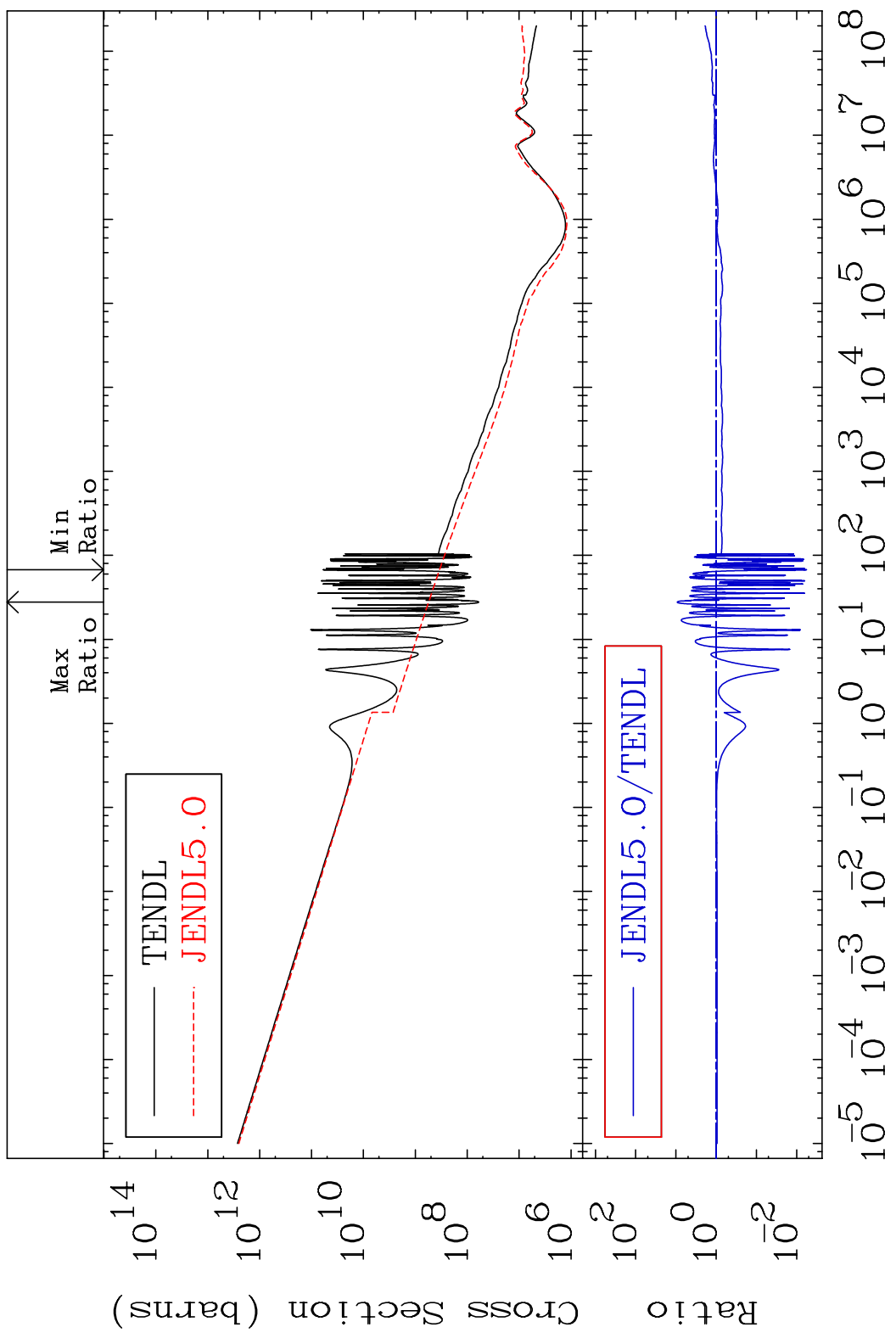
59

Incident Energy (eV)

53-I -126

MAT 5322

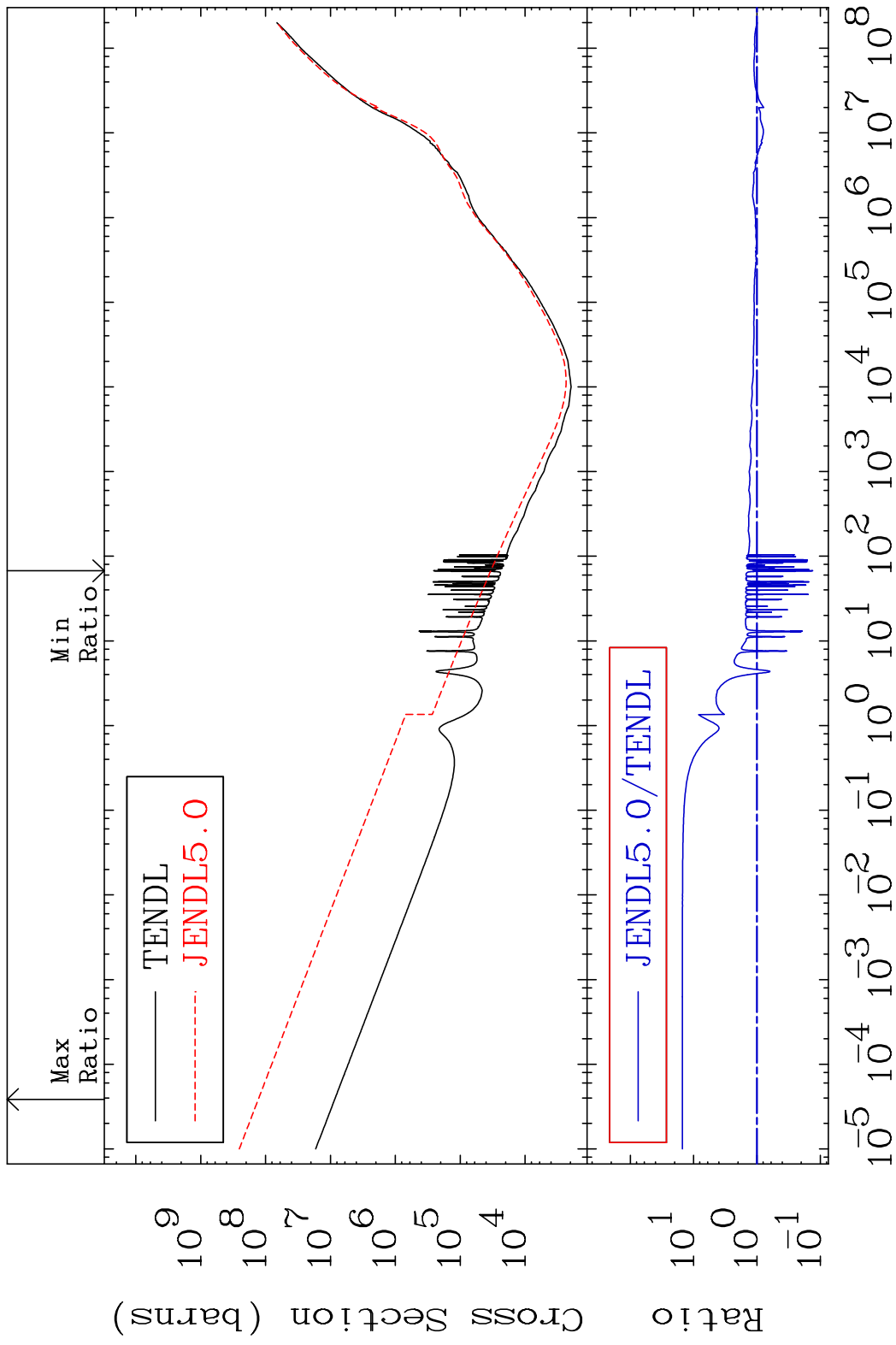
Total photon (eV-barns) 53-I -126
Cross Section -99.43 To 830.0 %



60

Incident Energy (eV) 53-I -126

MAT 5322 Total kinematic kerma (high limit) 53-I -126
 Cross Section -86.73 To 1408. %

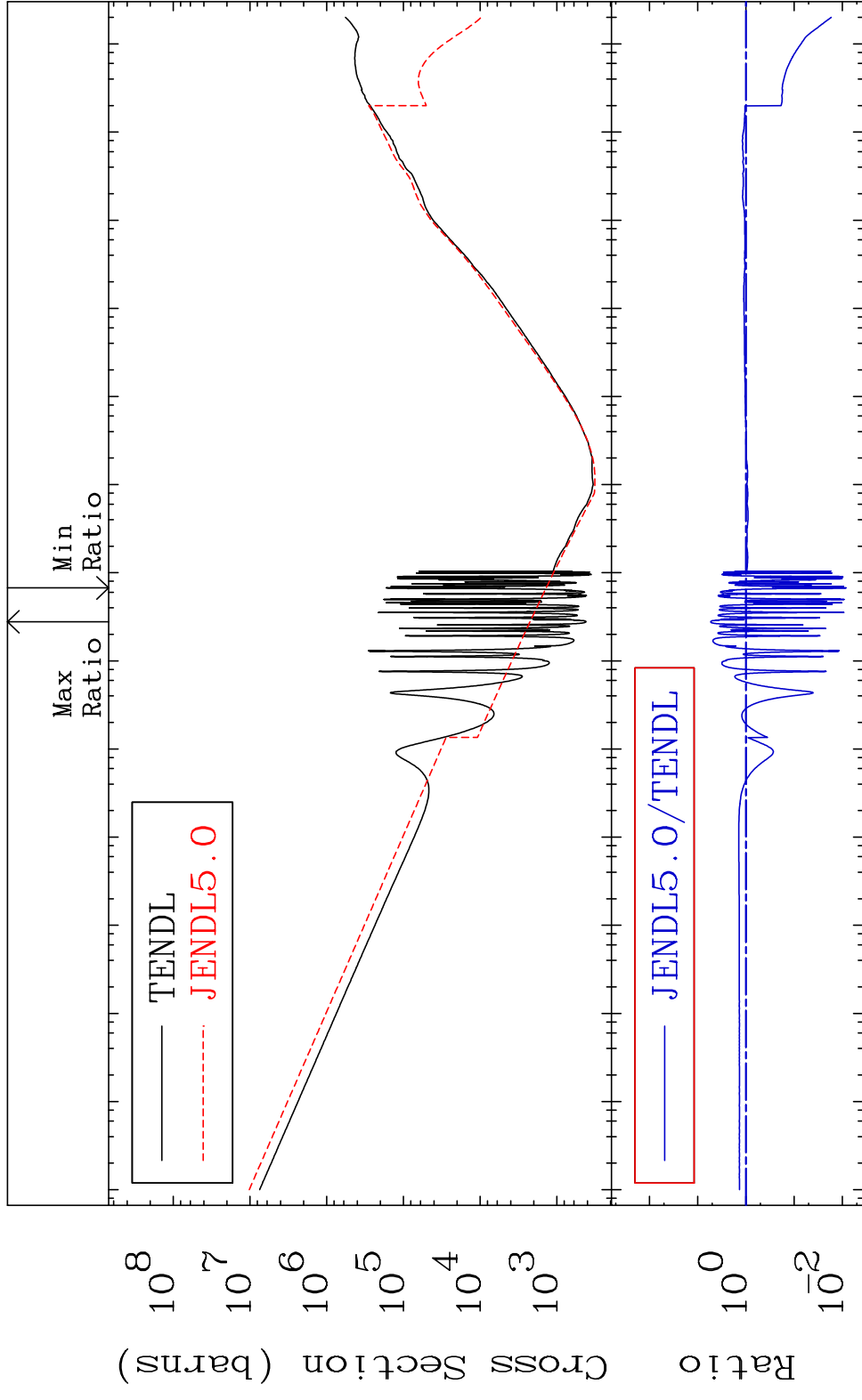


MAT 5322

Dpa total (eV-barns)

53-I -126

Cross Section -99.17 To 436.8 %



62

Incident Energy (eV)

53-I -126

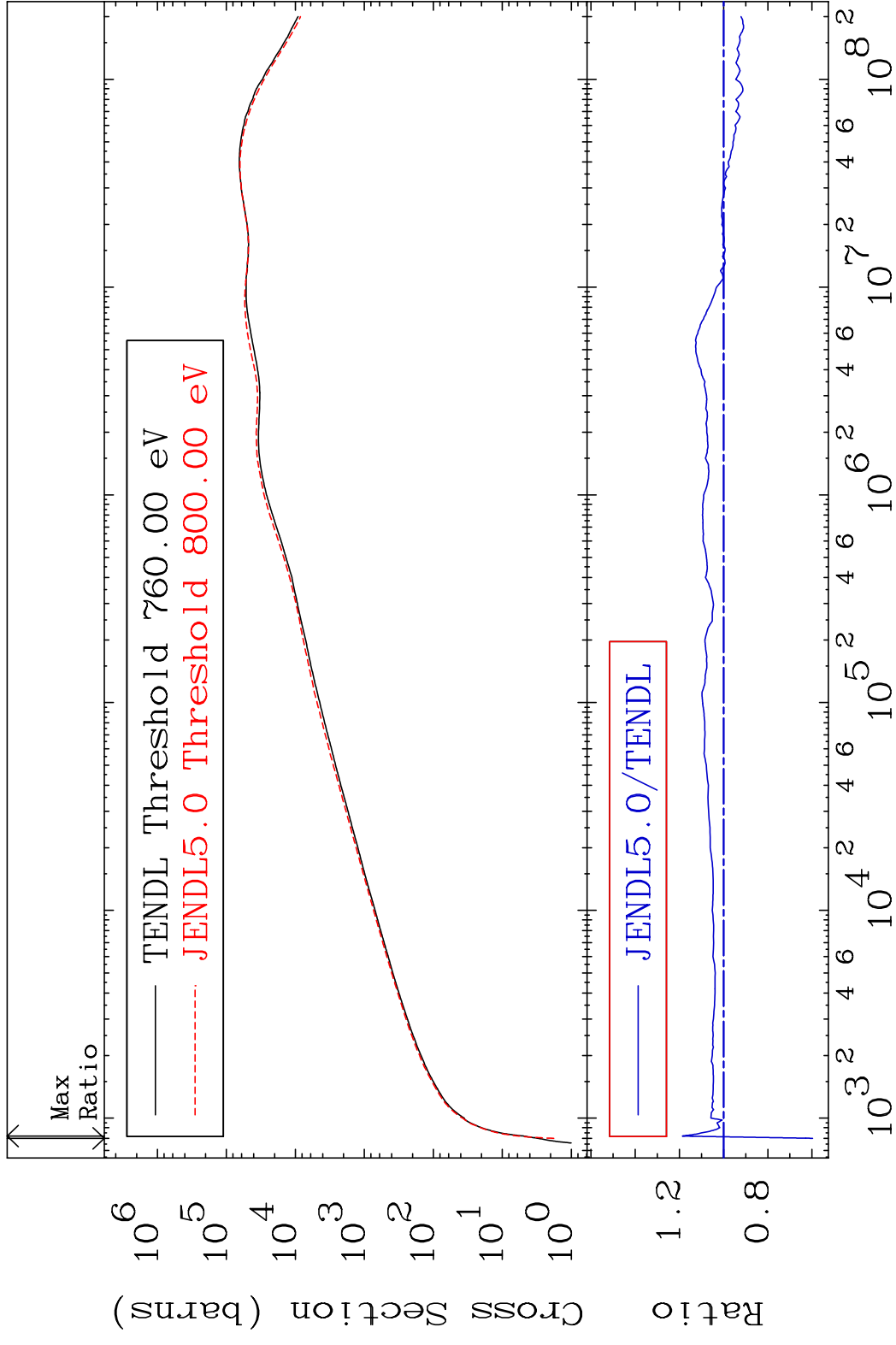
MAT 5322

Dpa elastic (mt2)

53-I -126

Cross Section

-40.25 To 18.67 %

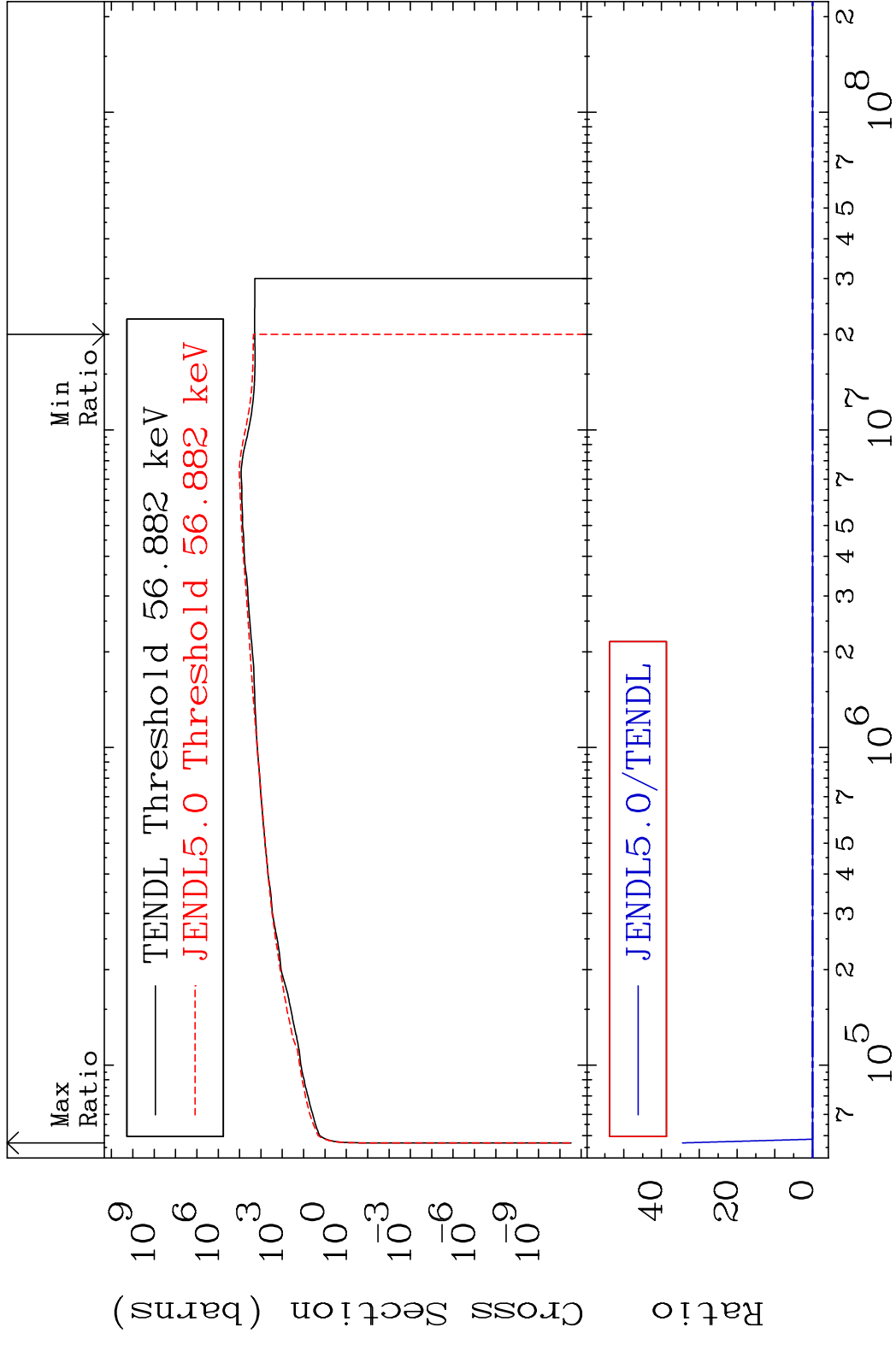


63

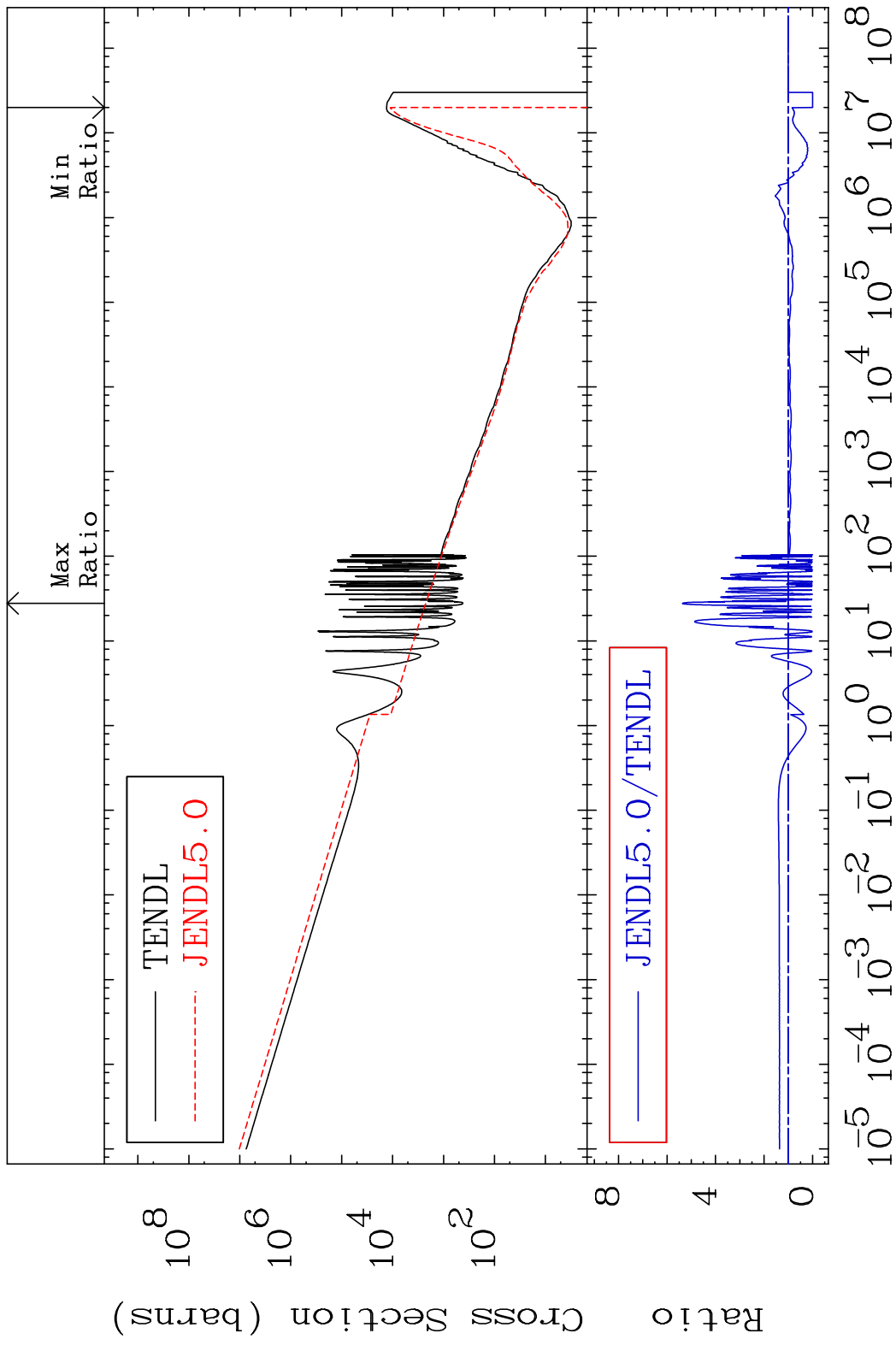
Incident Energy (eV)

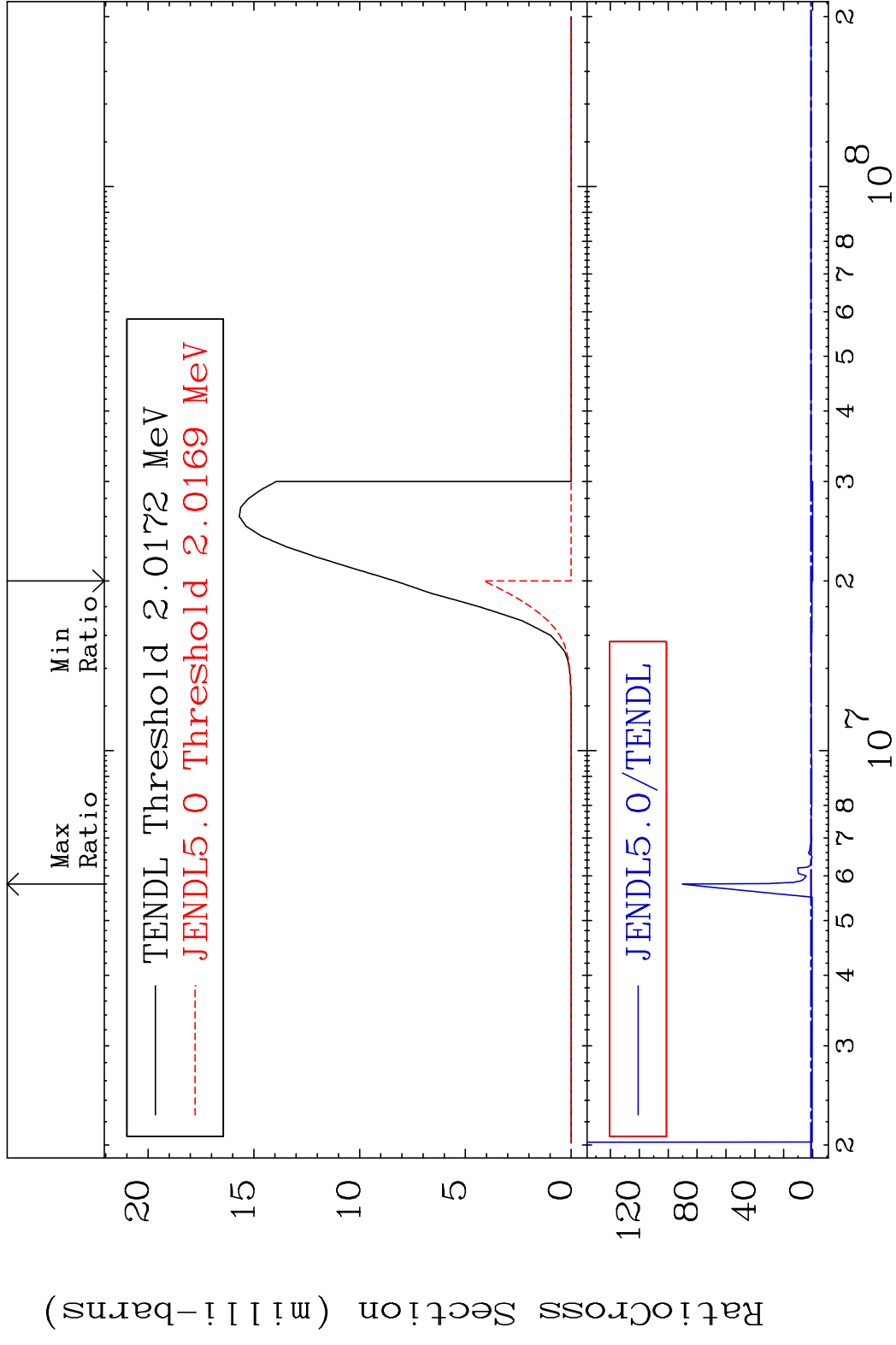
53-I -126

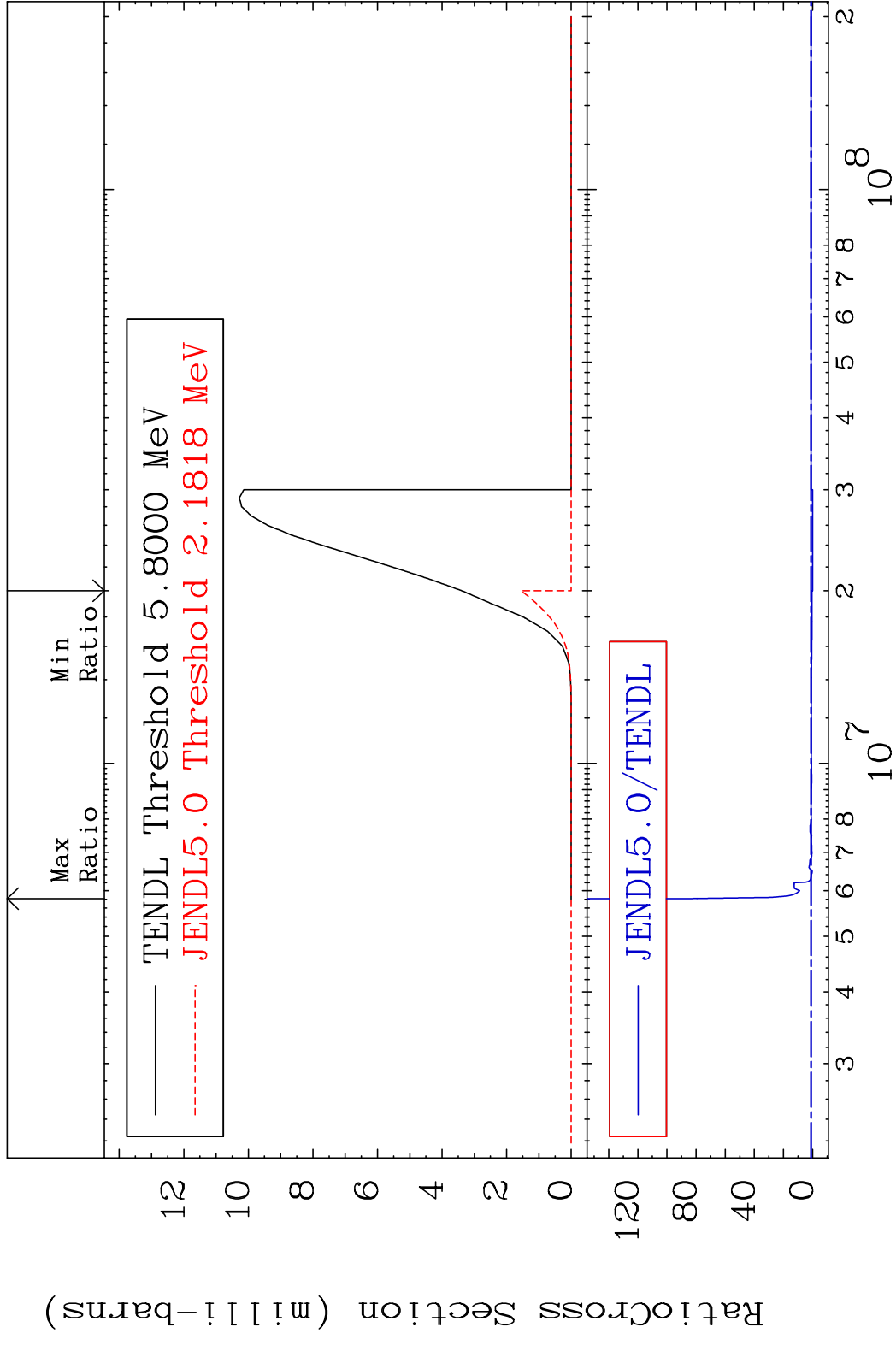
MAT 5322 Dpa inelastic (mt51-91) 53-I -126
 Cross Section -100.0 To 9999. %

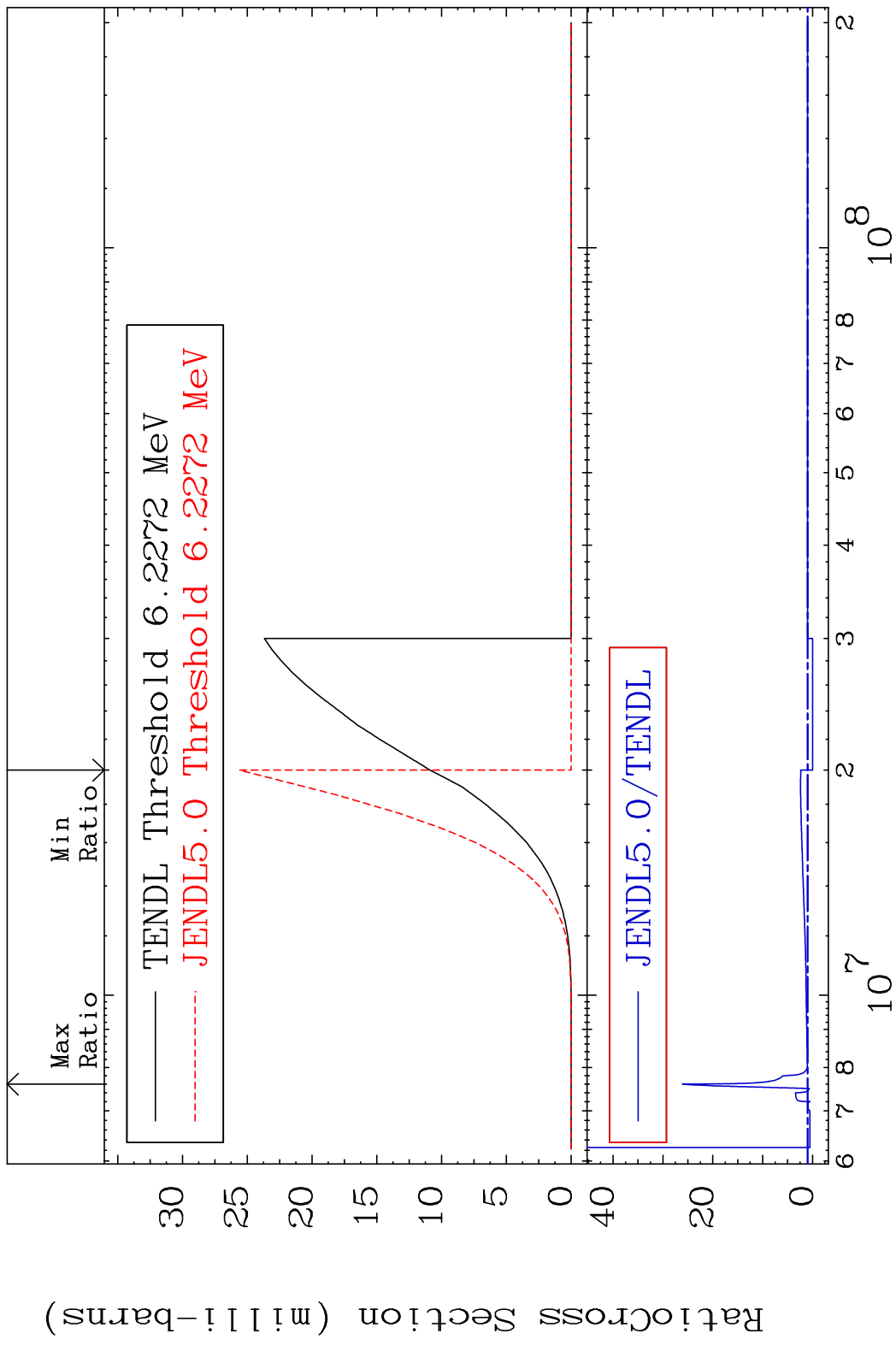


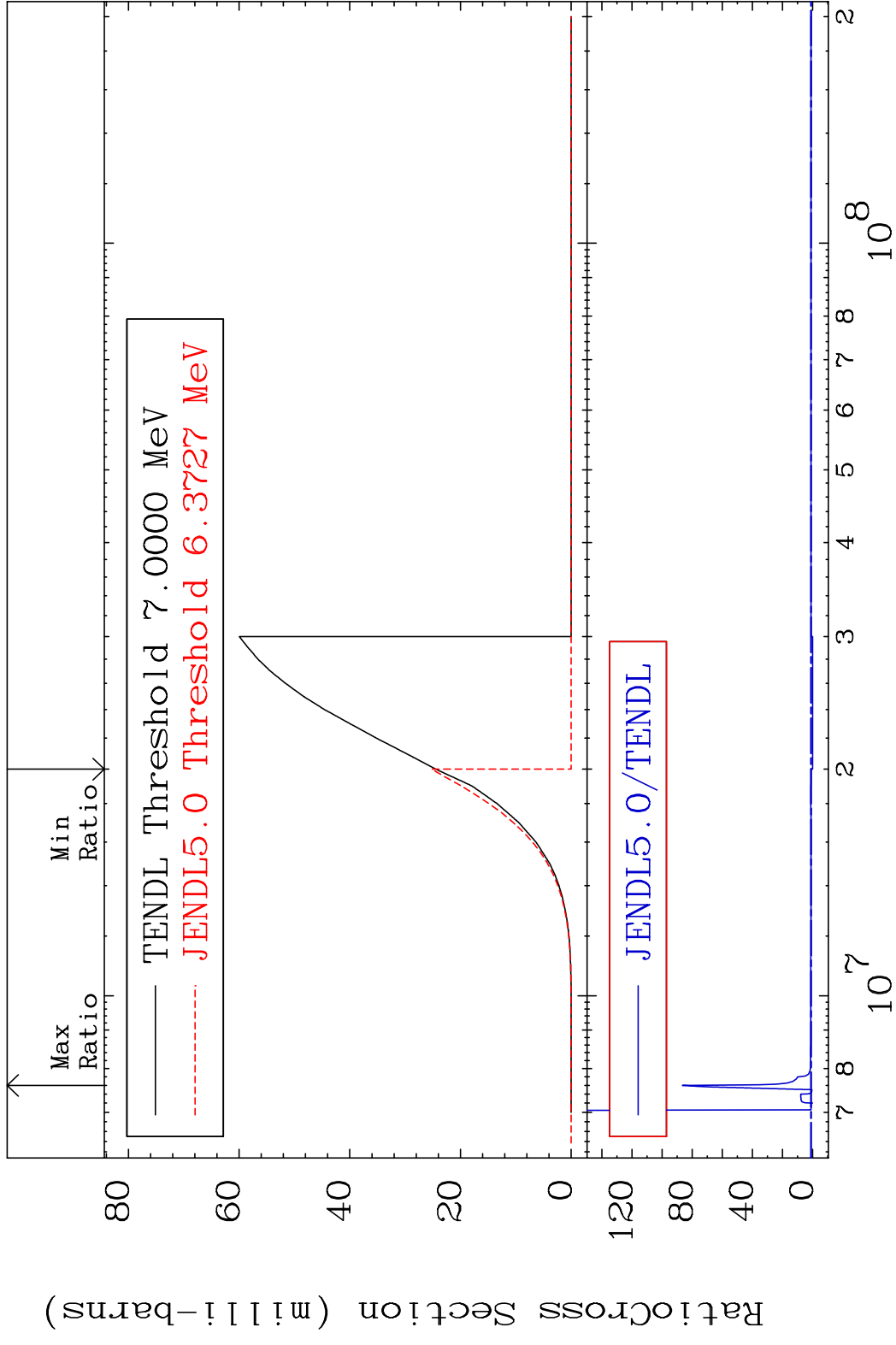
MAT 5322 Dpa disappearance (mt102 -120) 53-I -126
 Cross Section -100.0 To 436.8 %

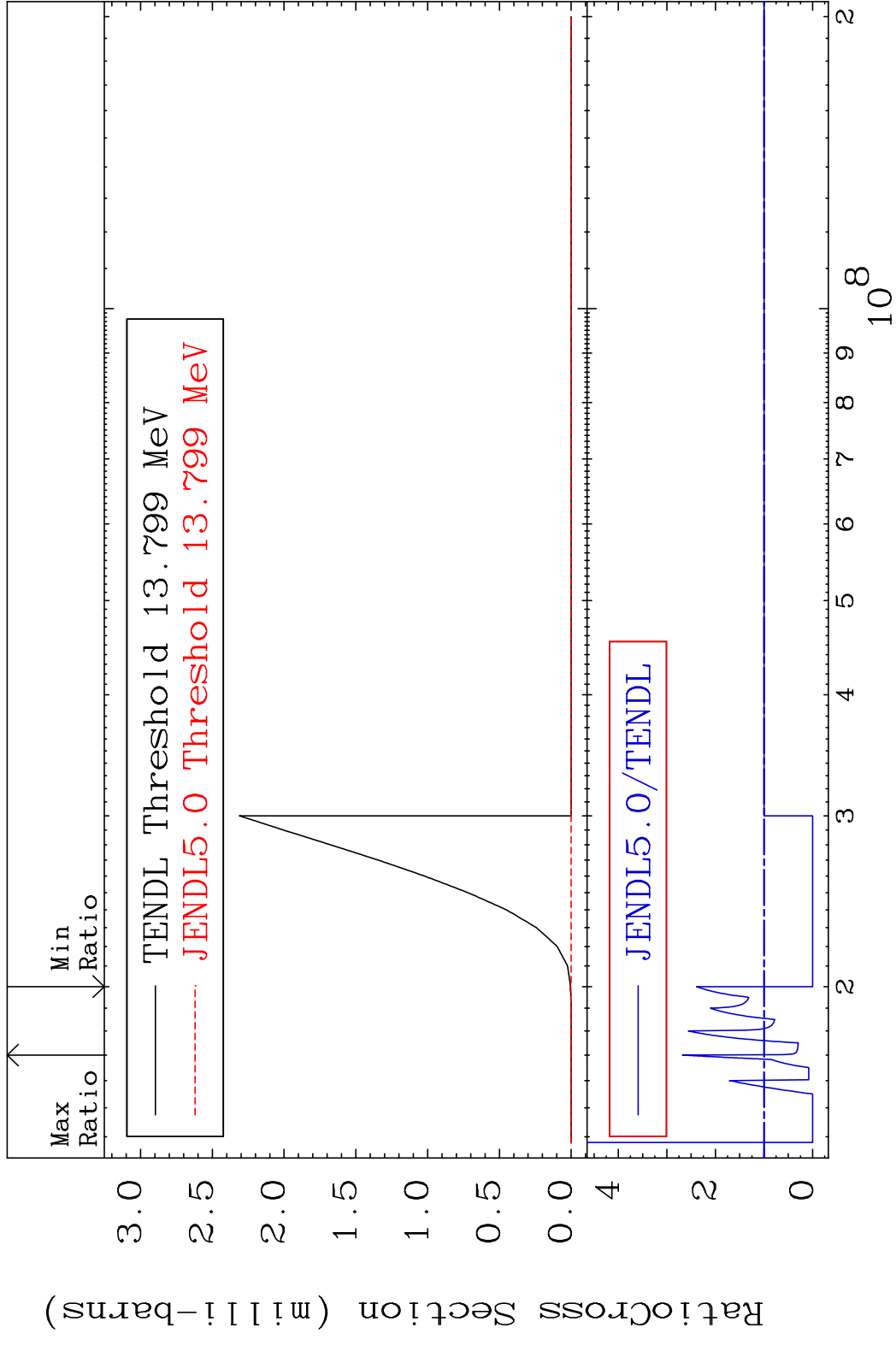


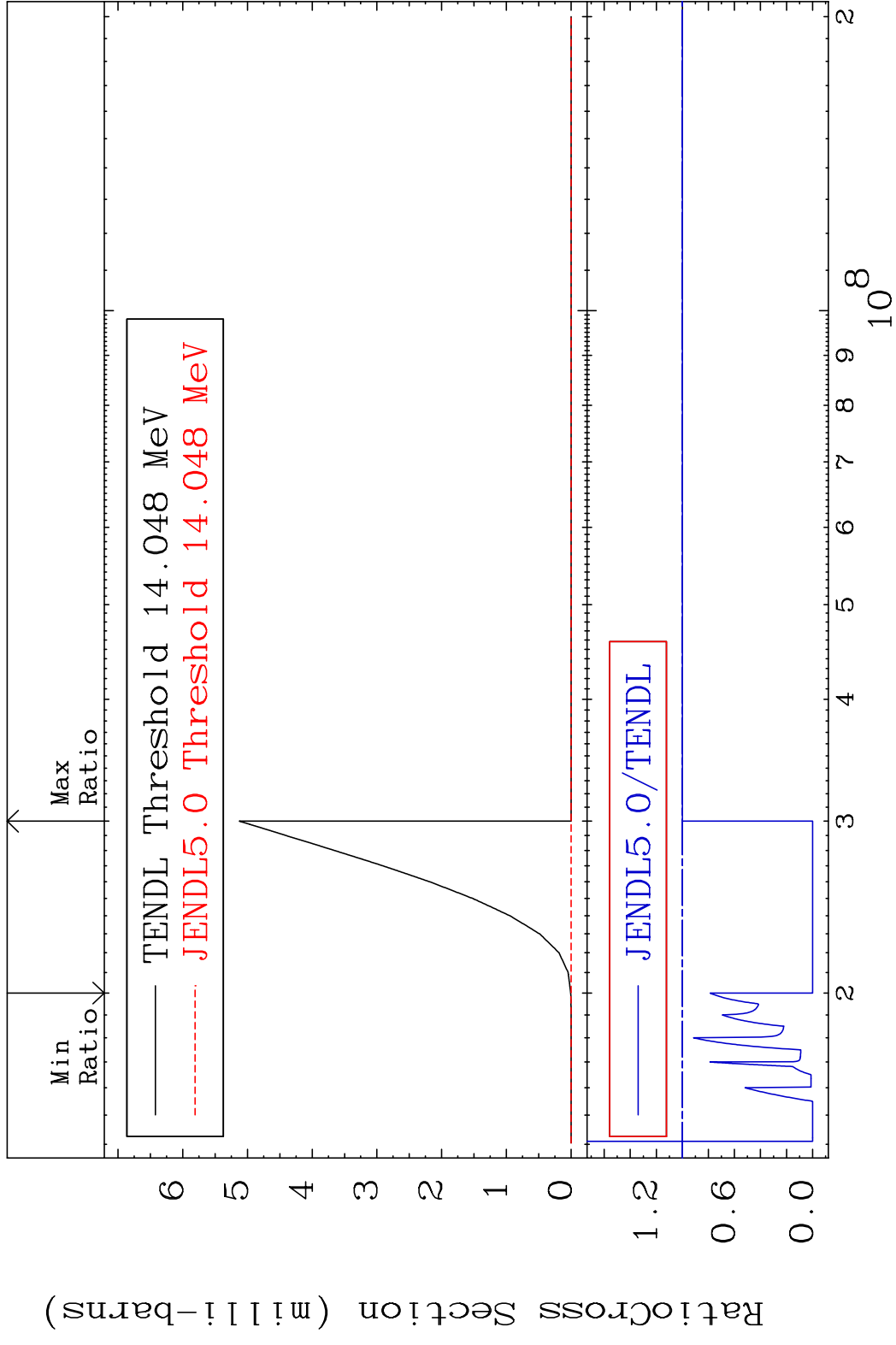




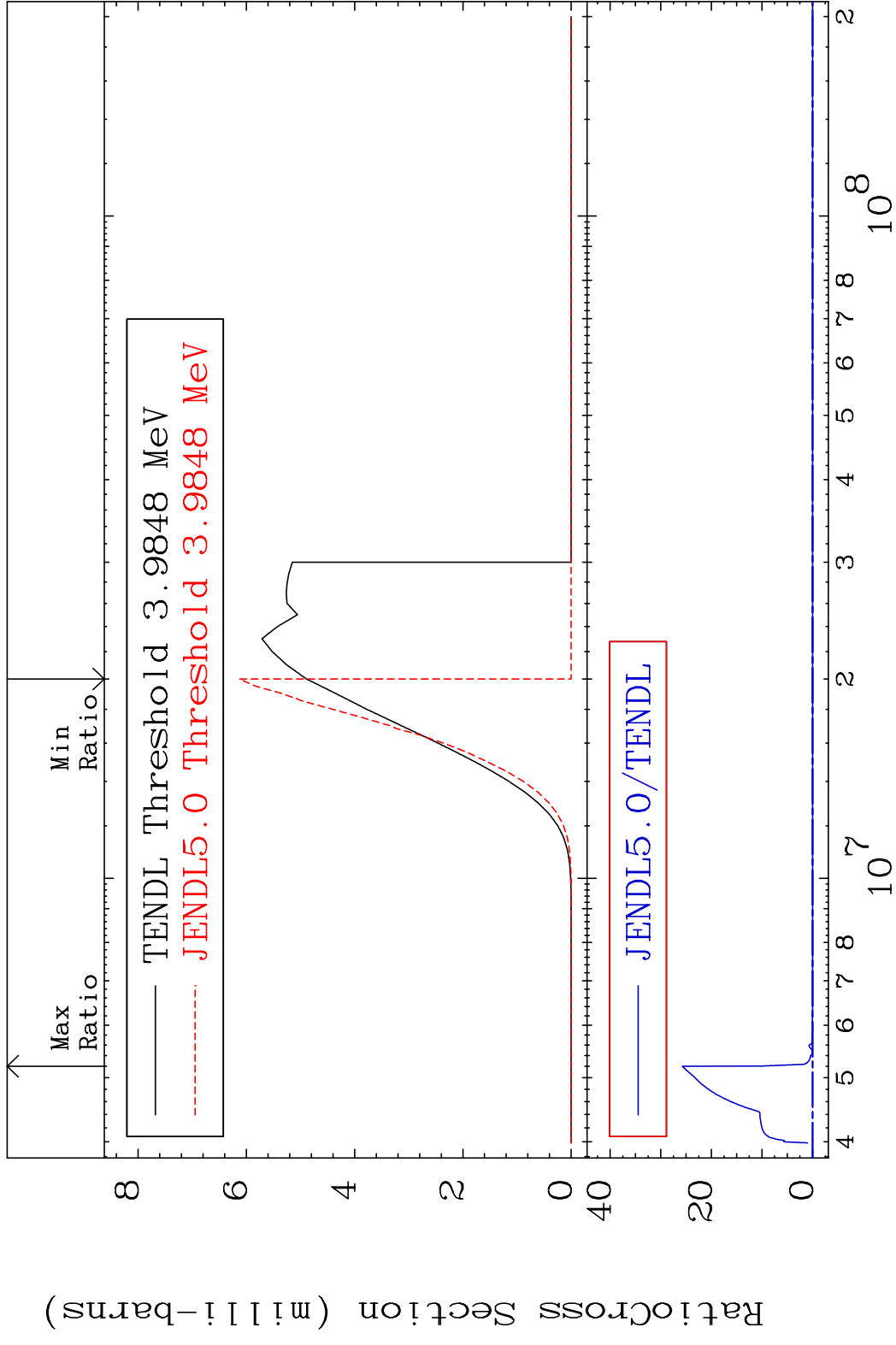




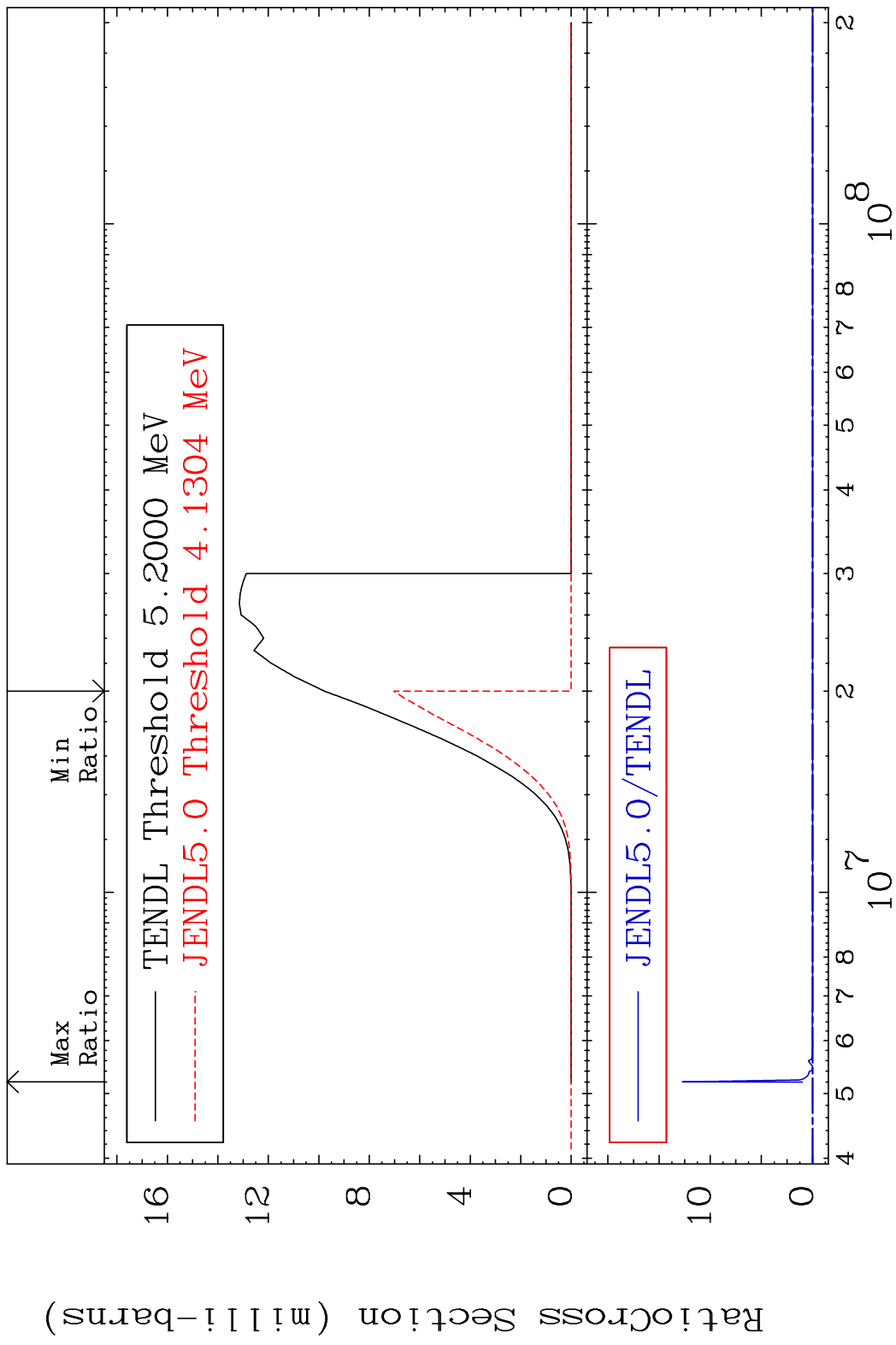


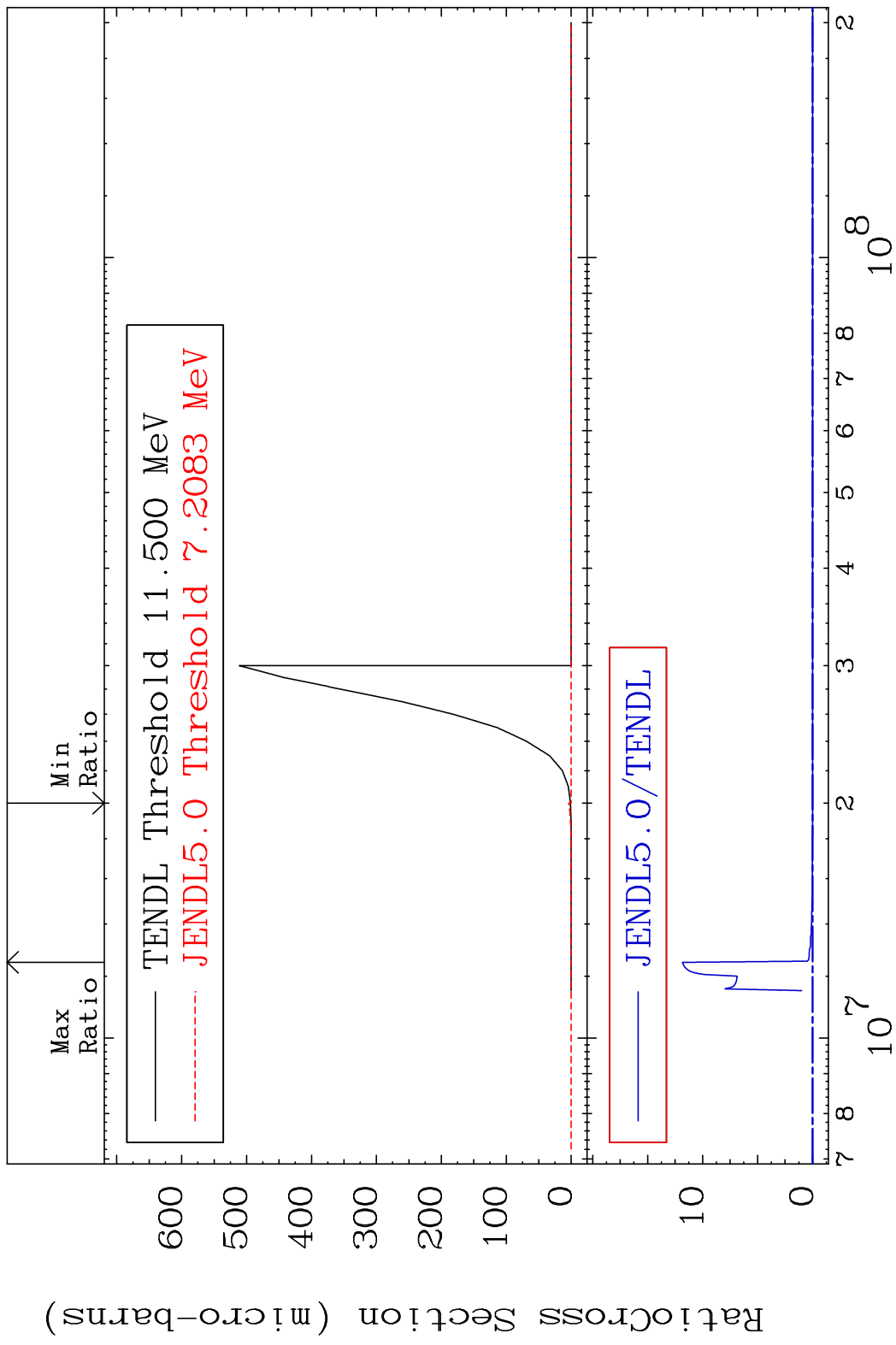


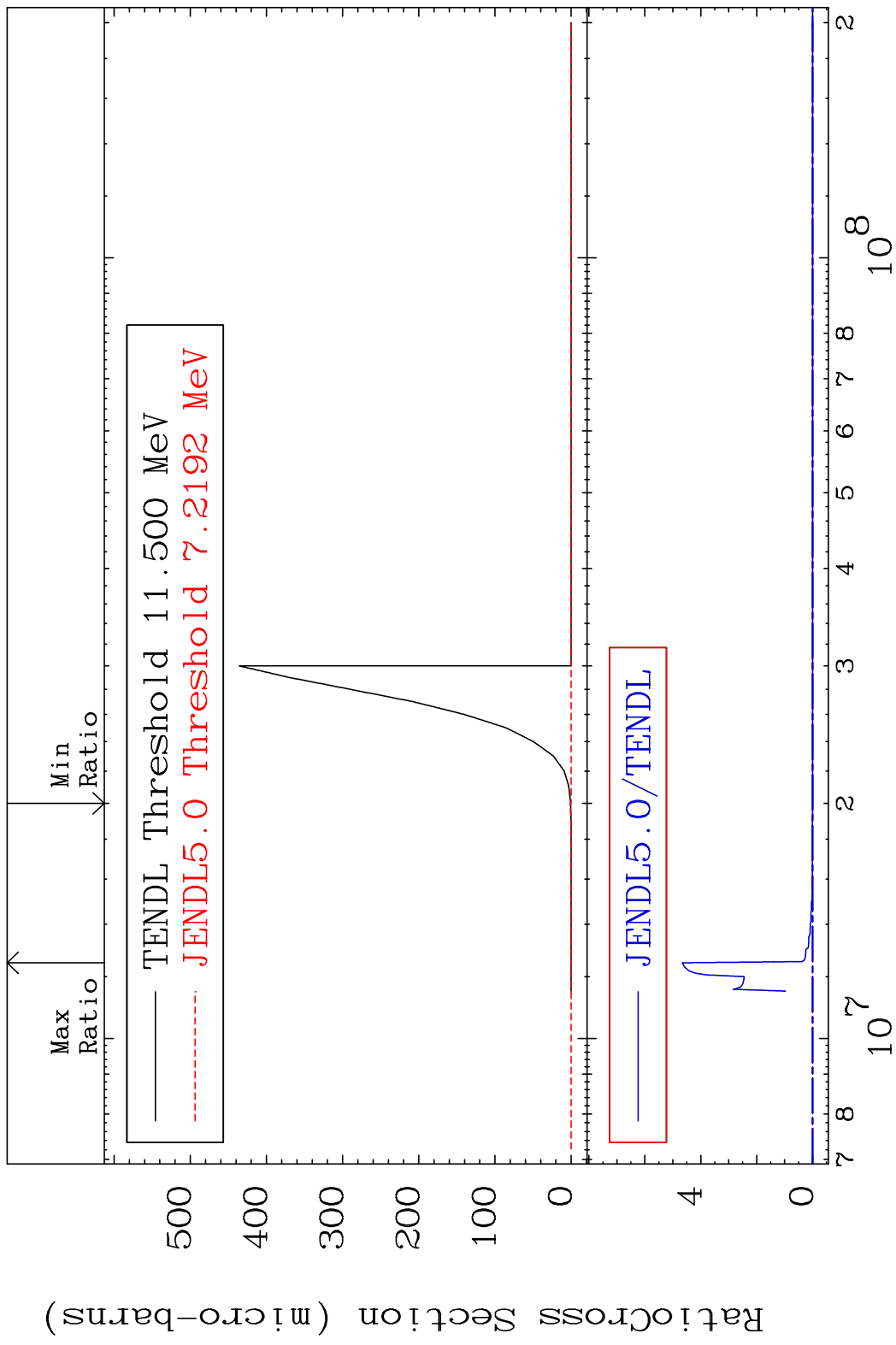
MAT 5322 (n,d):52-Te-125g 53-I -126
 Radionuclide Production Cross Section 100.00 dth 9999. %

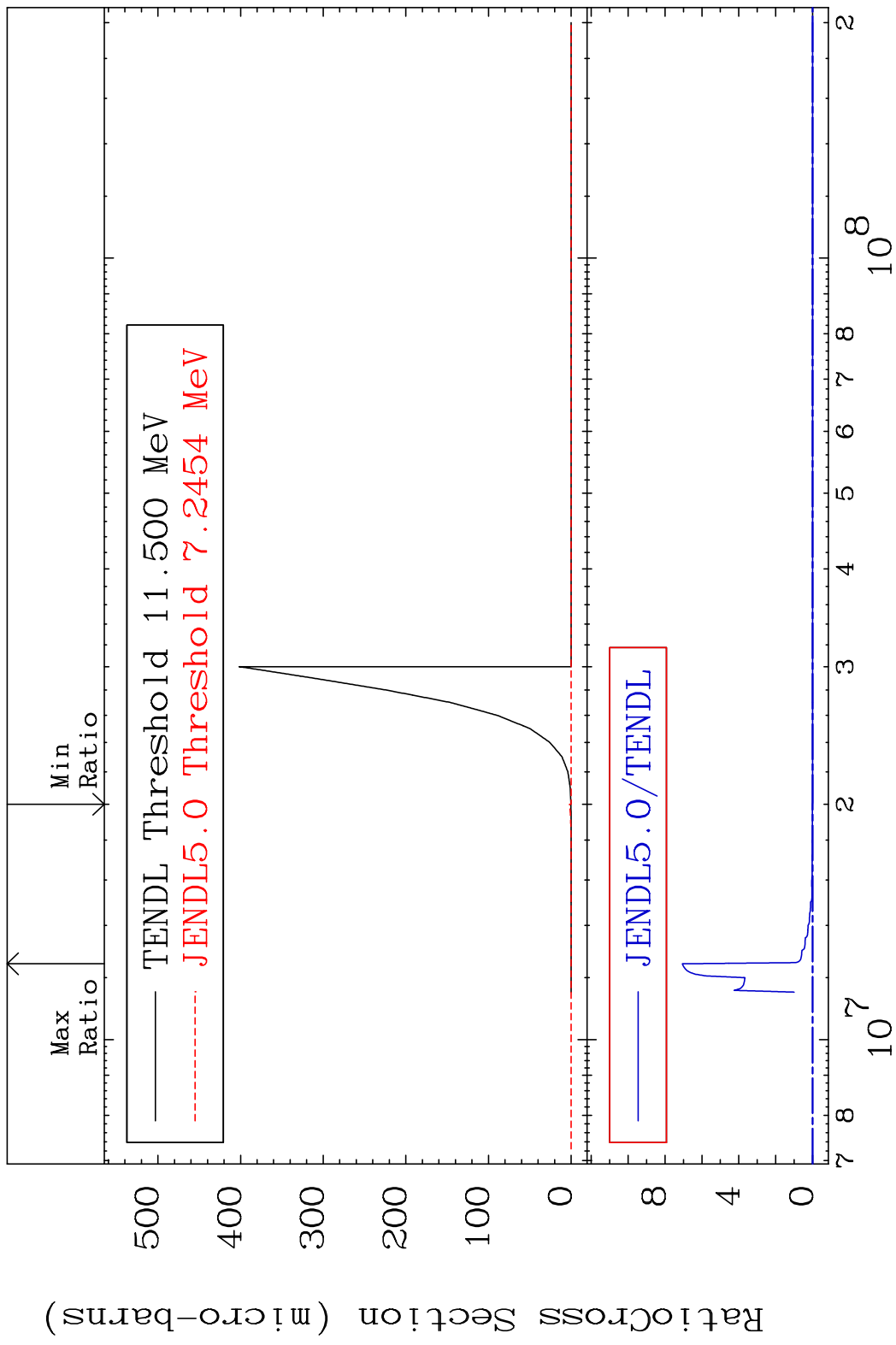


MAT 5322 (n, d):52-Te-125m2 53-I -126
 Radionuclide Production Cross Section to 9999. %

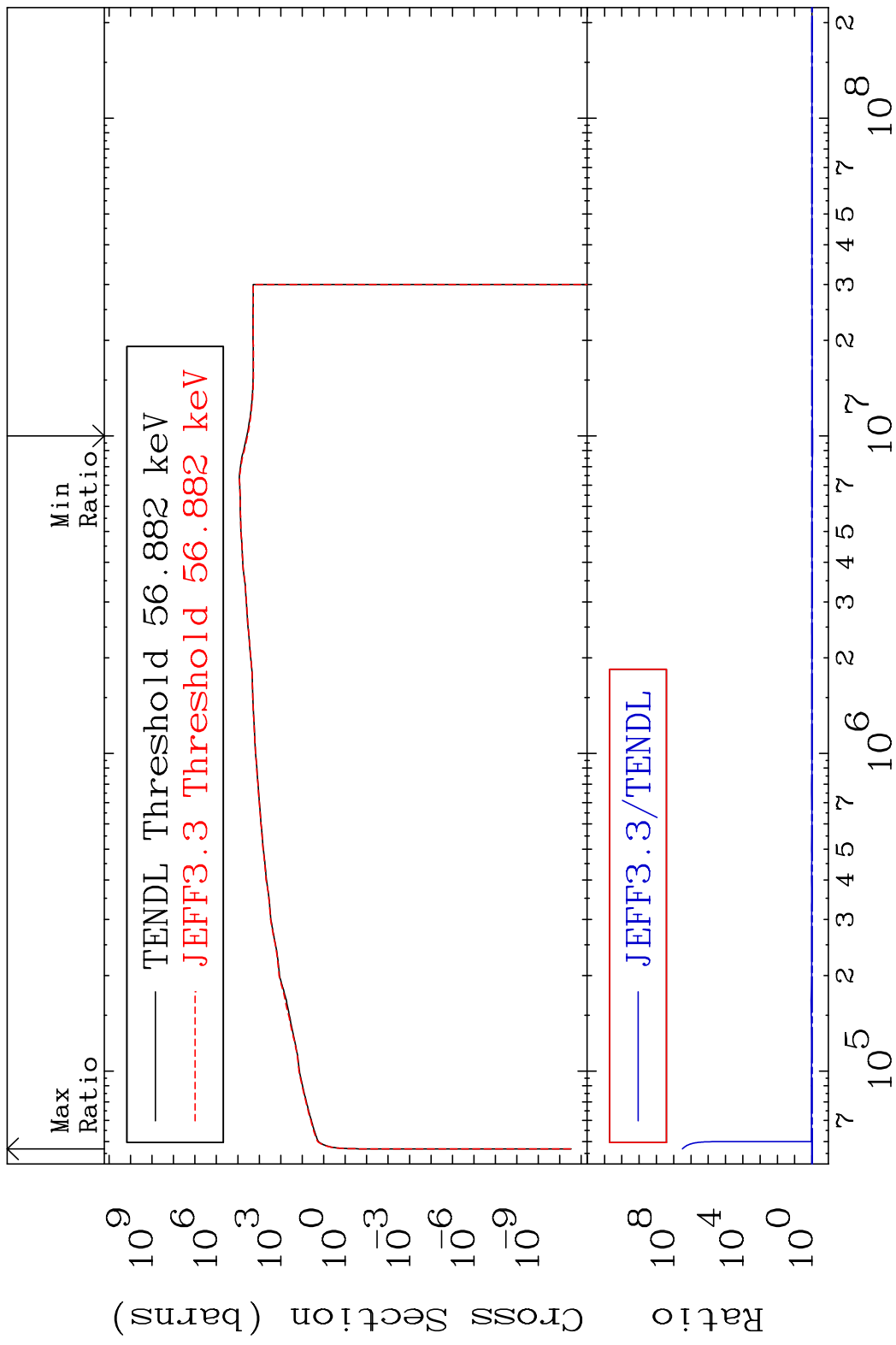




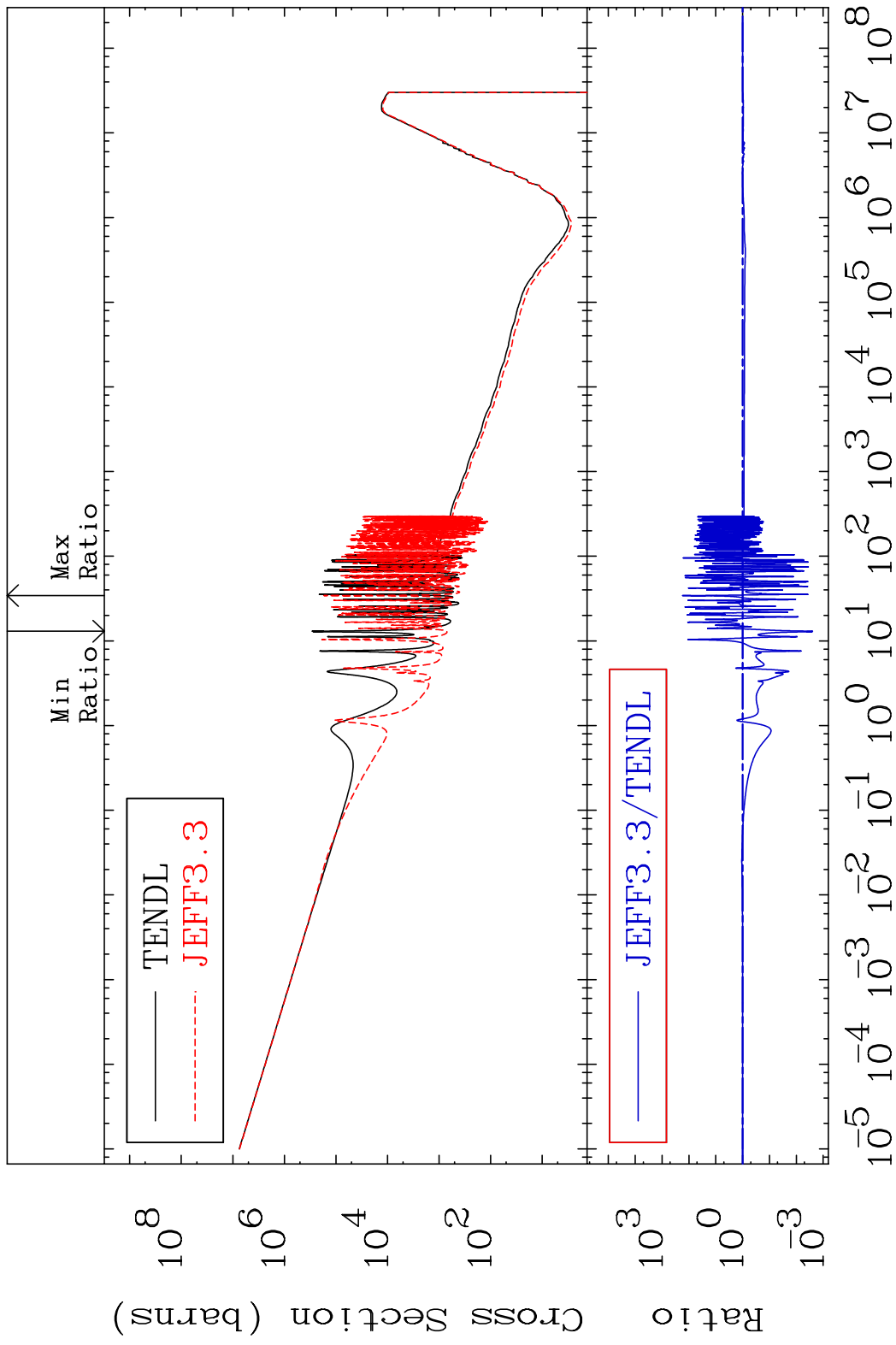


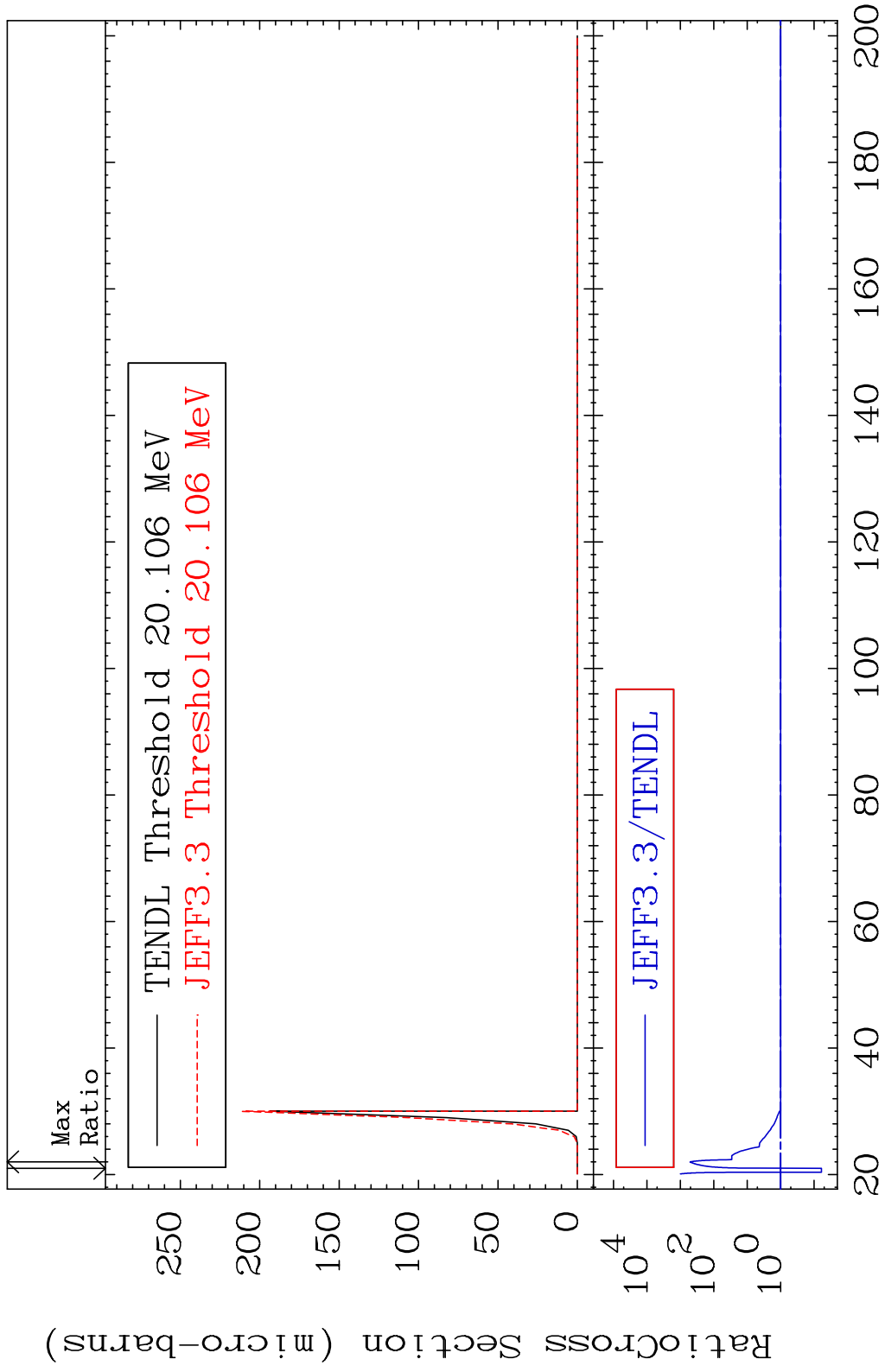


MAT 5322 Dpa inelastic (mt51-91) 53-I -126
 Cross Section -7.740 To 9999. %

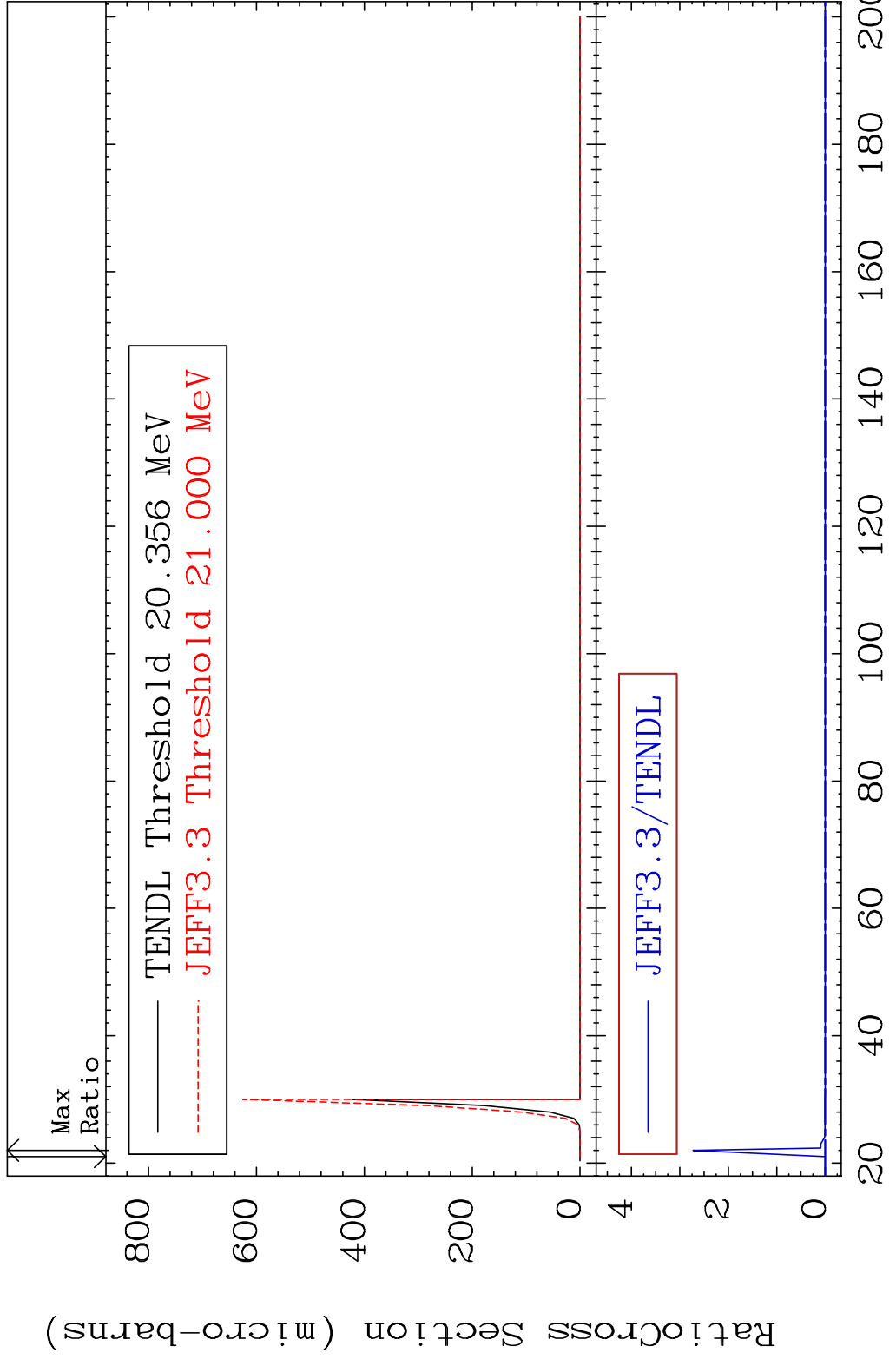


MAT 5322 Dpa disappearance (mt102 -120) 53-I -126
 Cross Section -99.75 To 9999. %



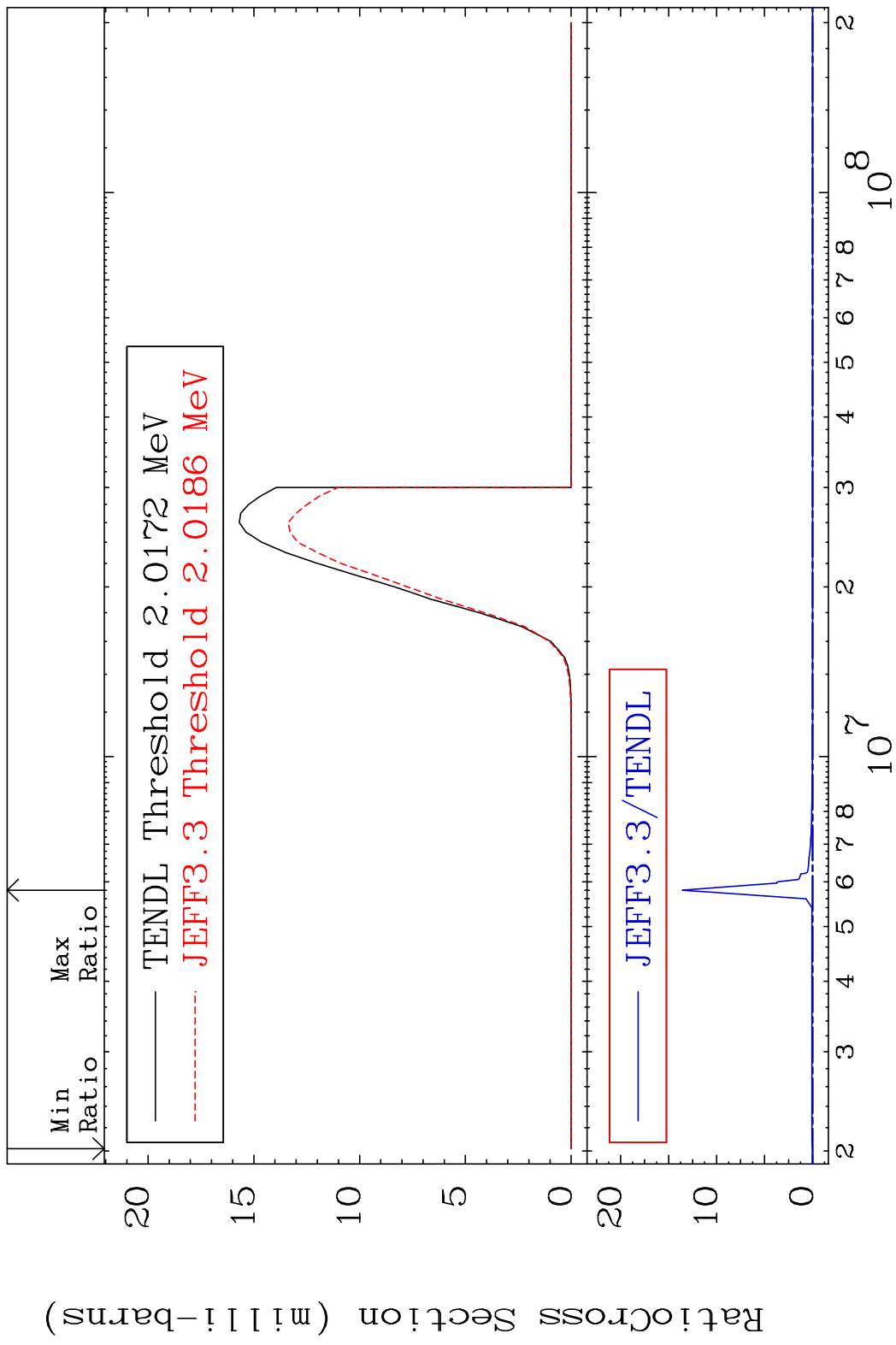


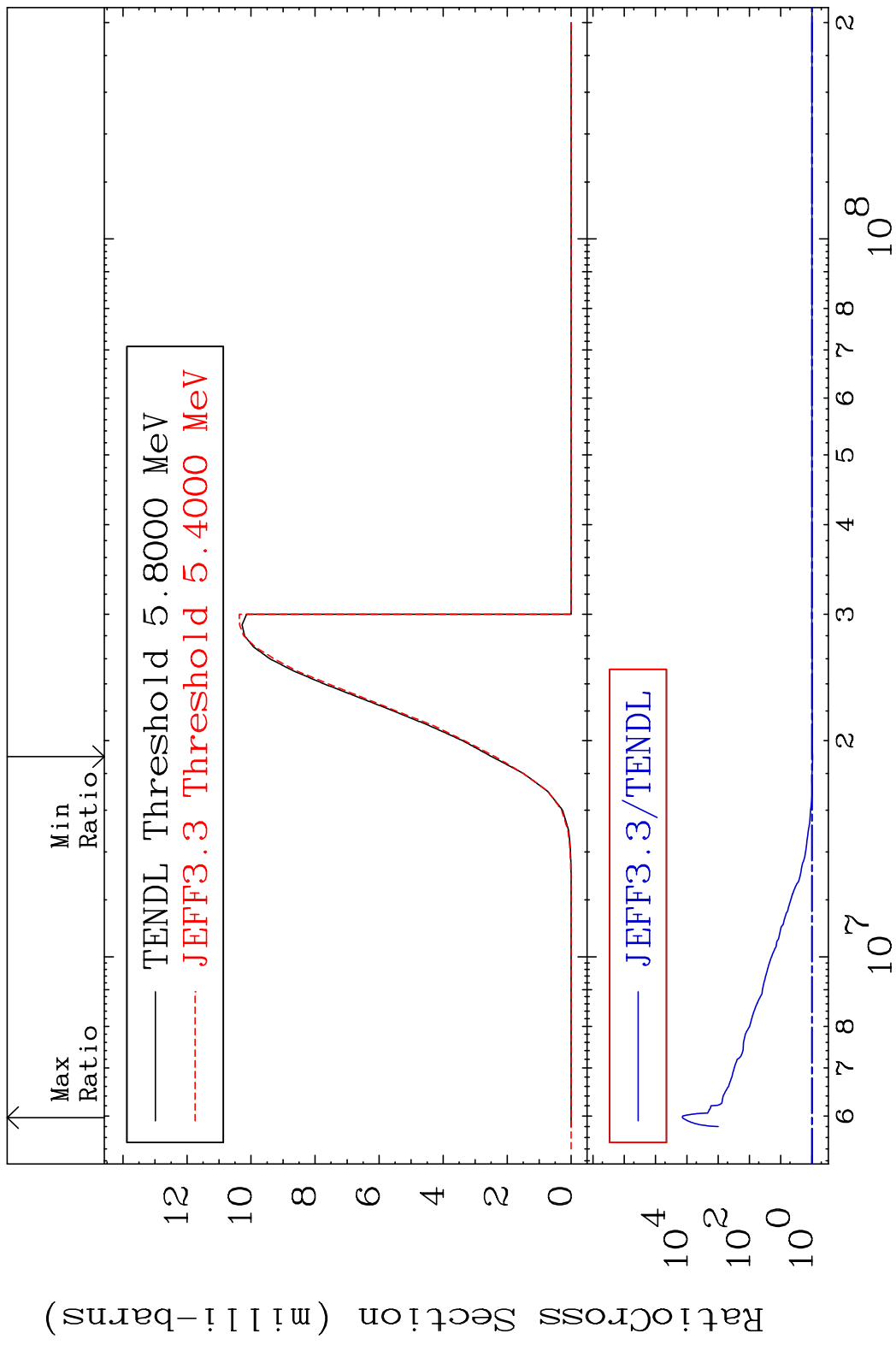
MAT 5322 (n,2n) d:52-Te-123m2 53-I -126
 Radionuclide Production Cross Section to 9999. %

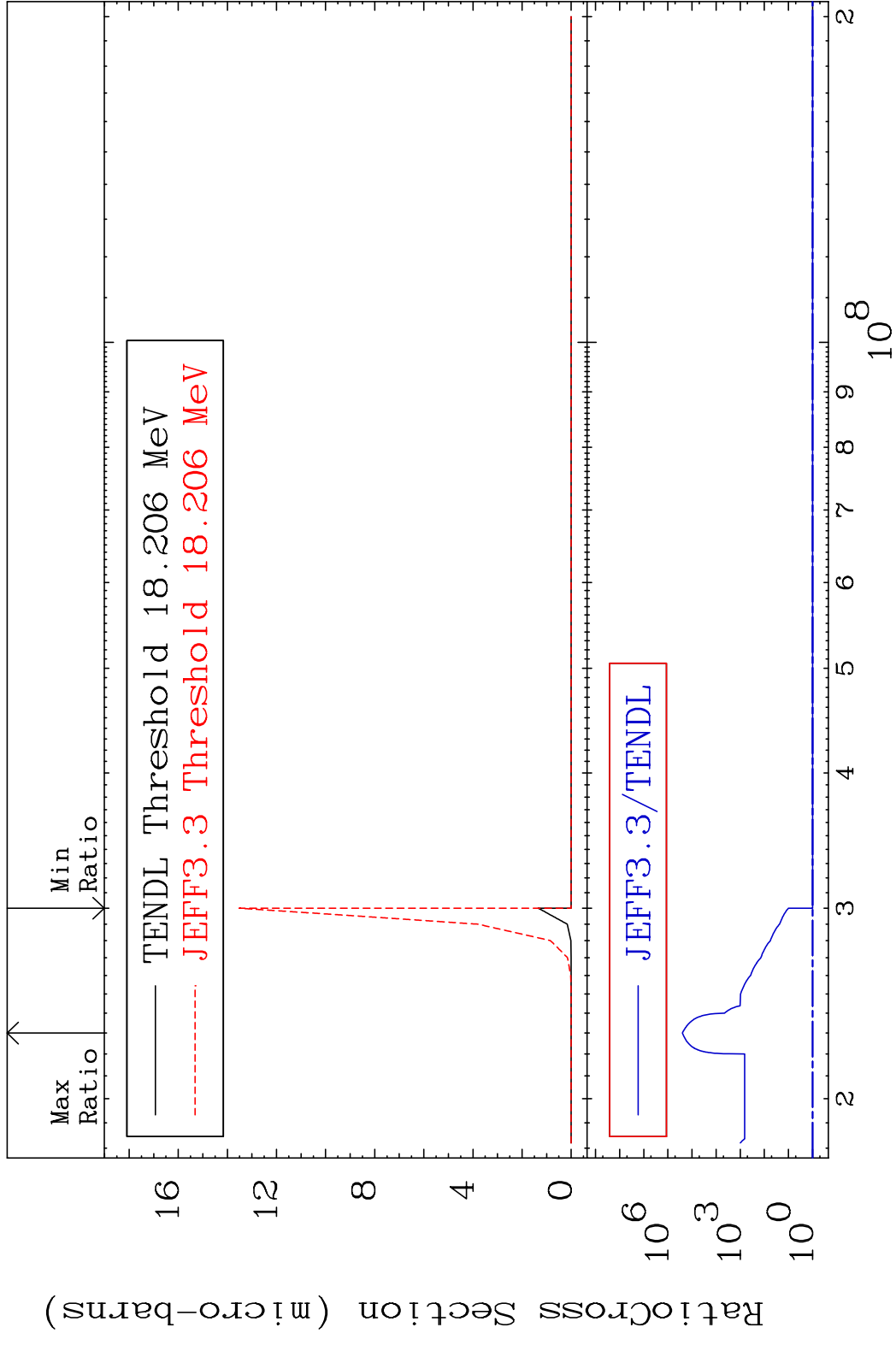


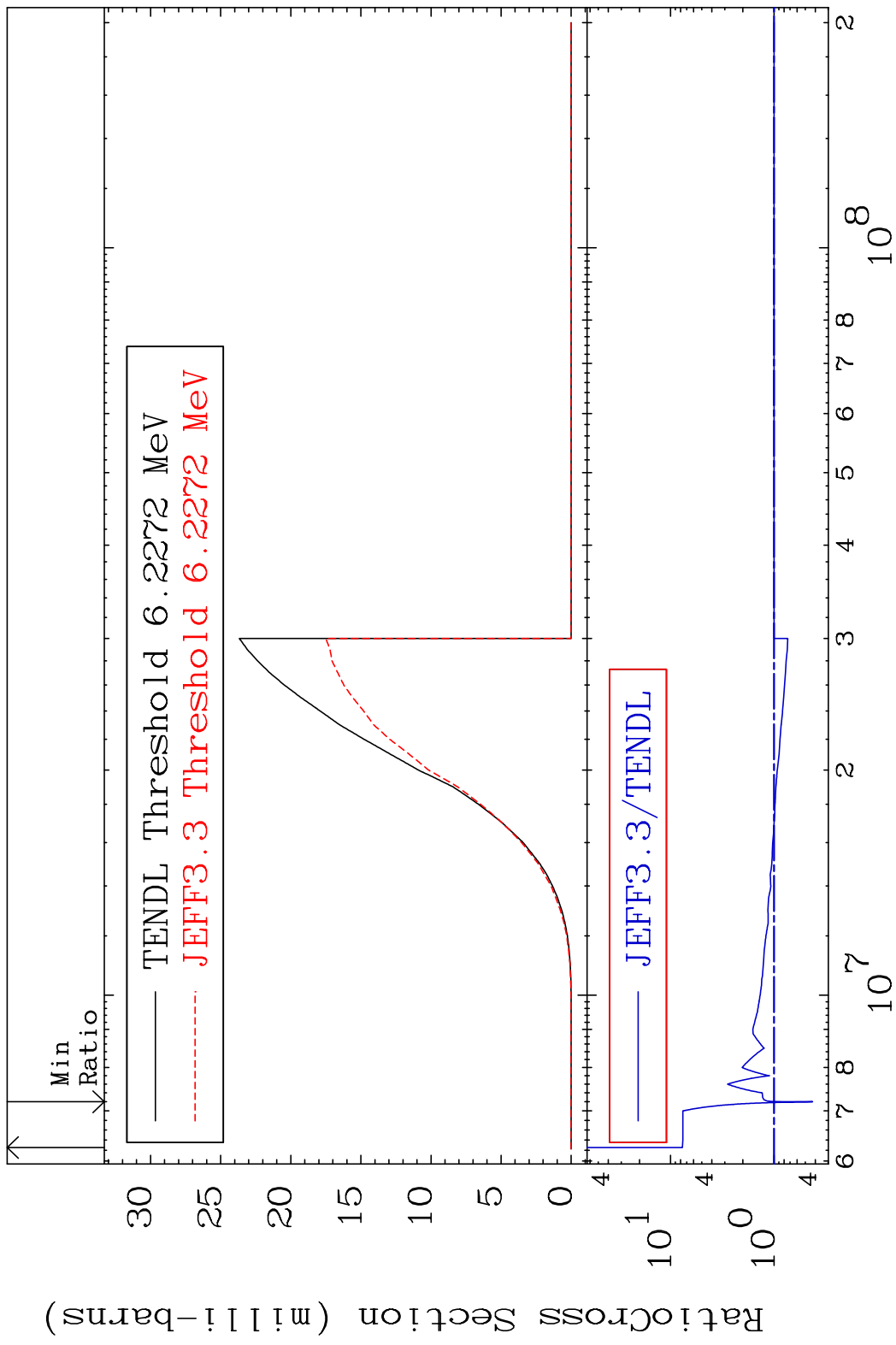
80 Incident Energy (MeV) 53-I -126

MAT 5322 (n, n') α :51-Sb-122g 53-I -126
 Radionuclide Production Cross Section to 9999. %

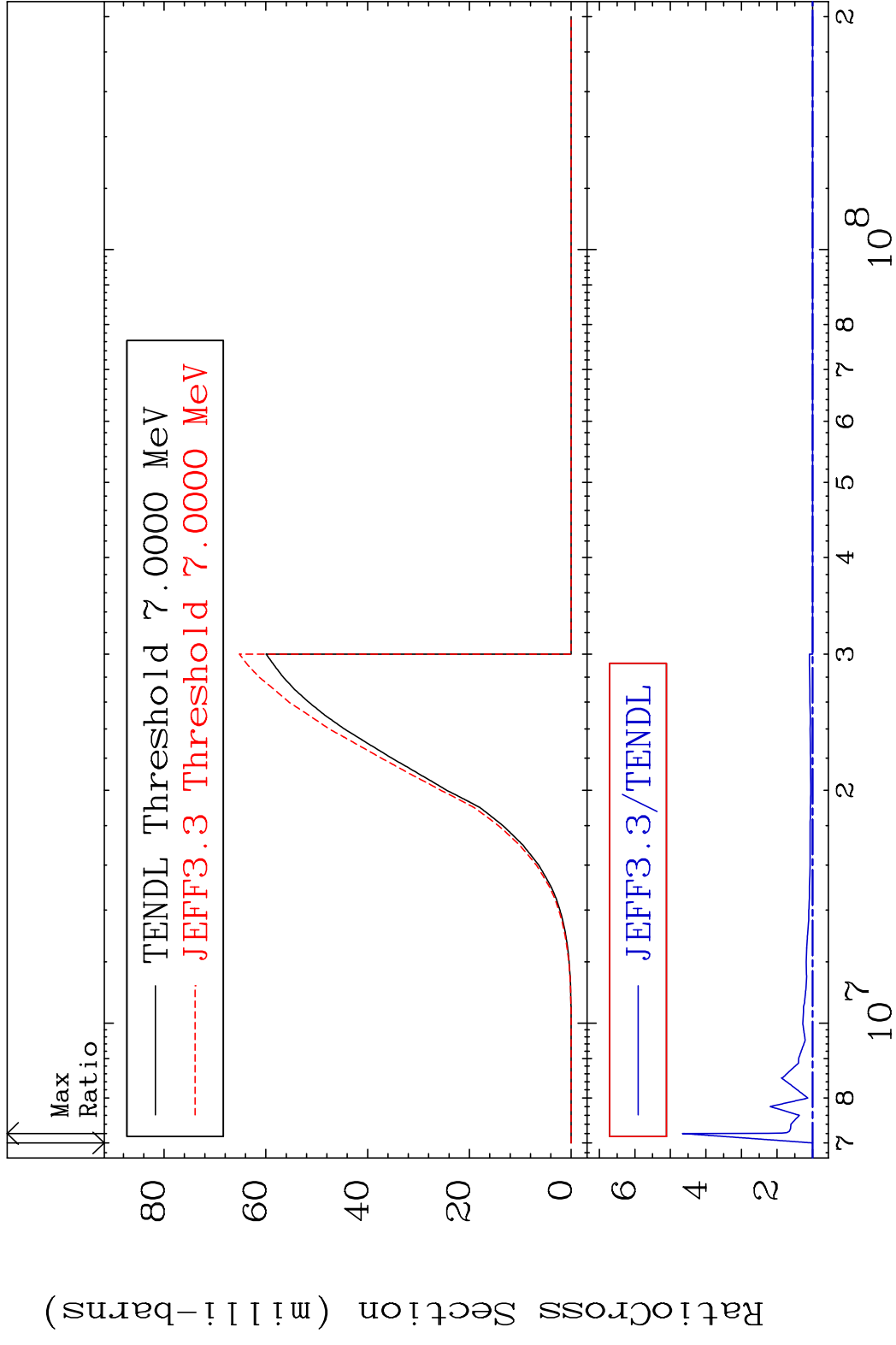


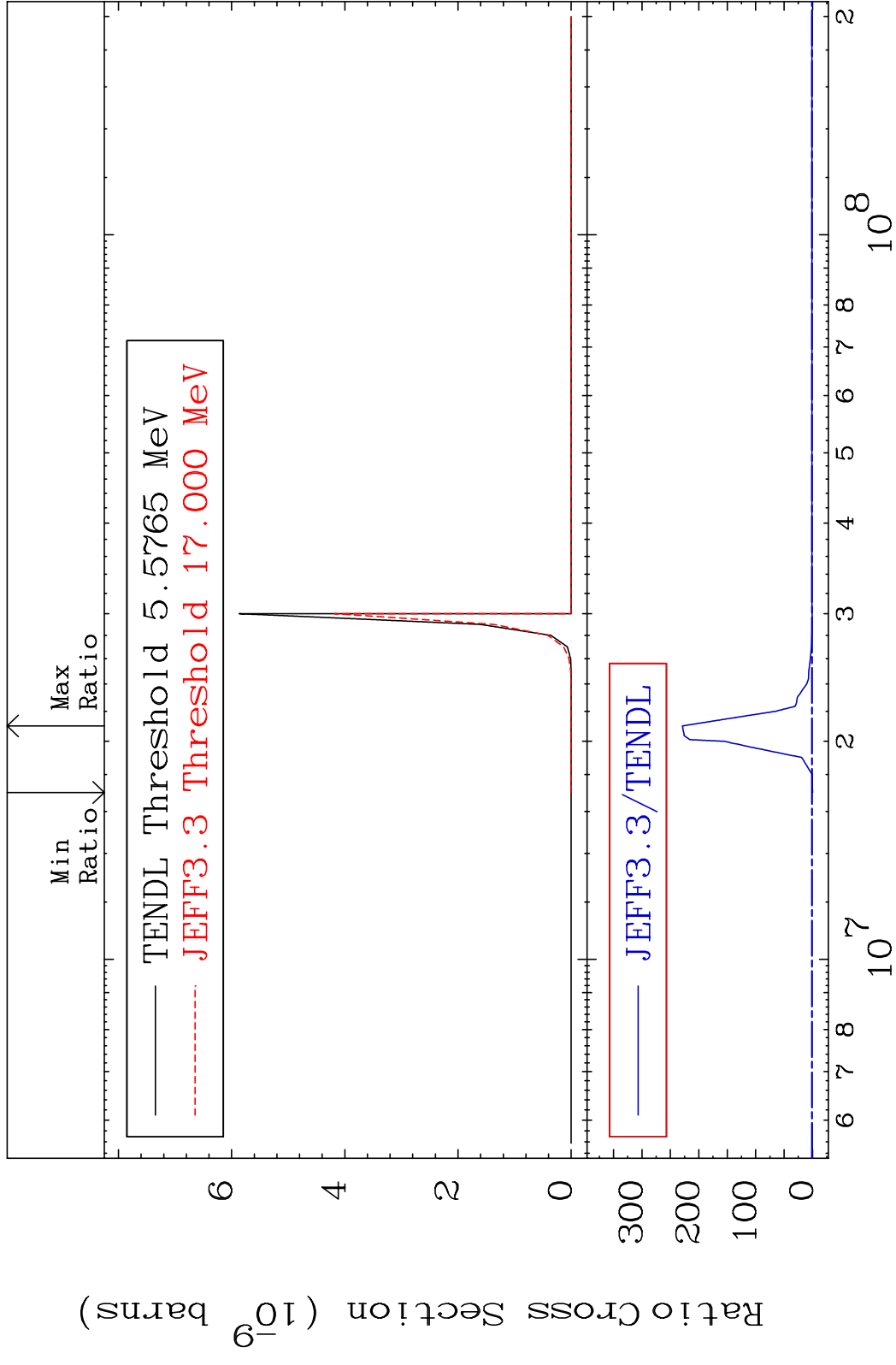


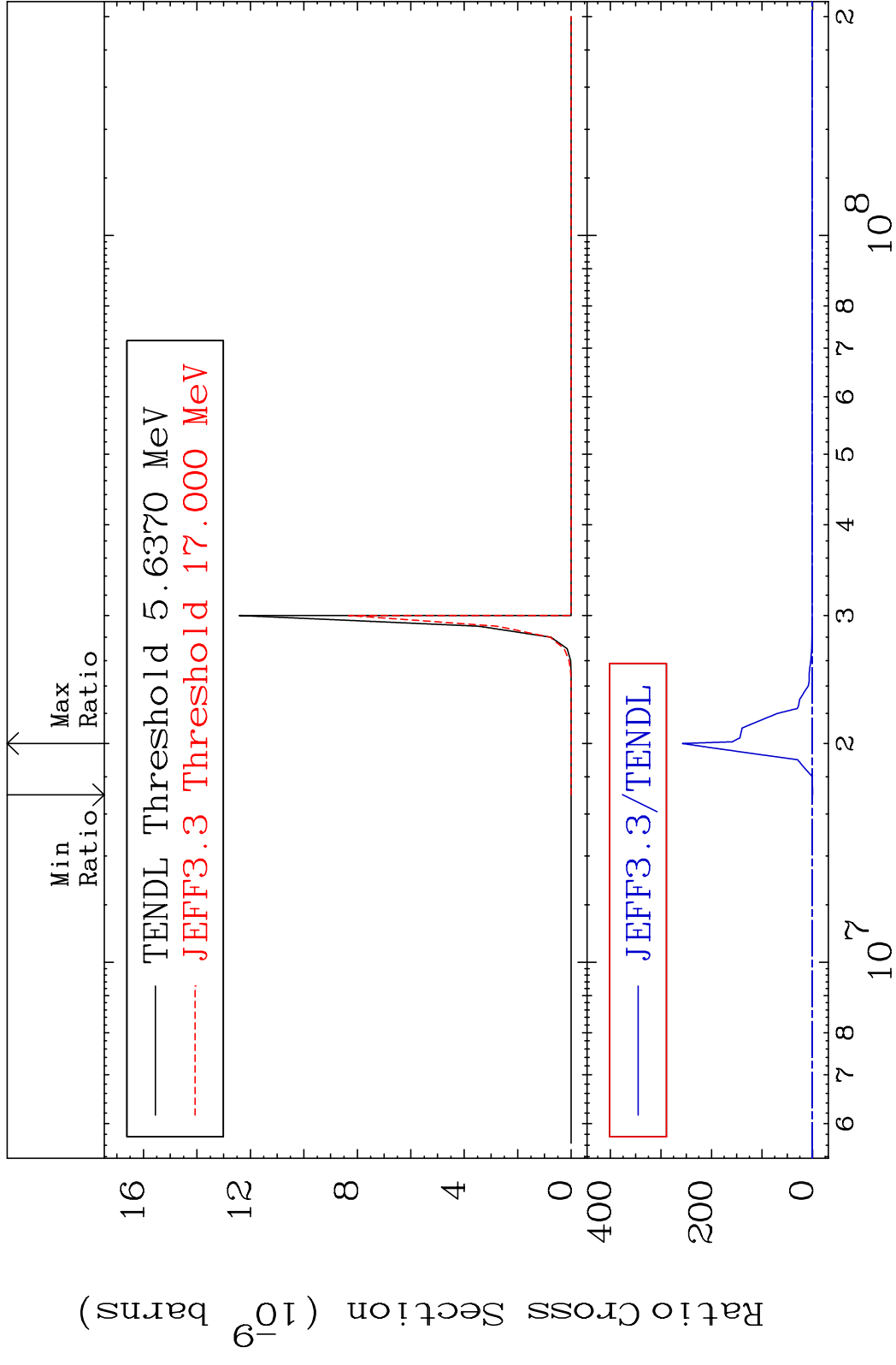


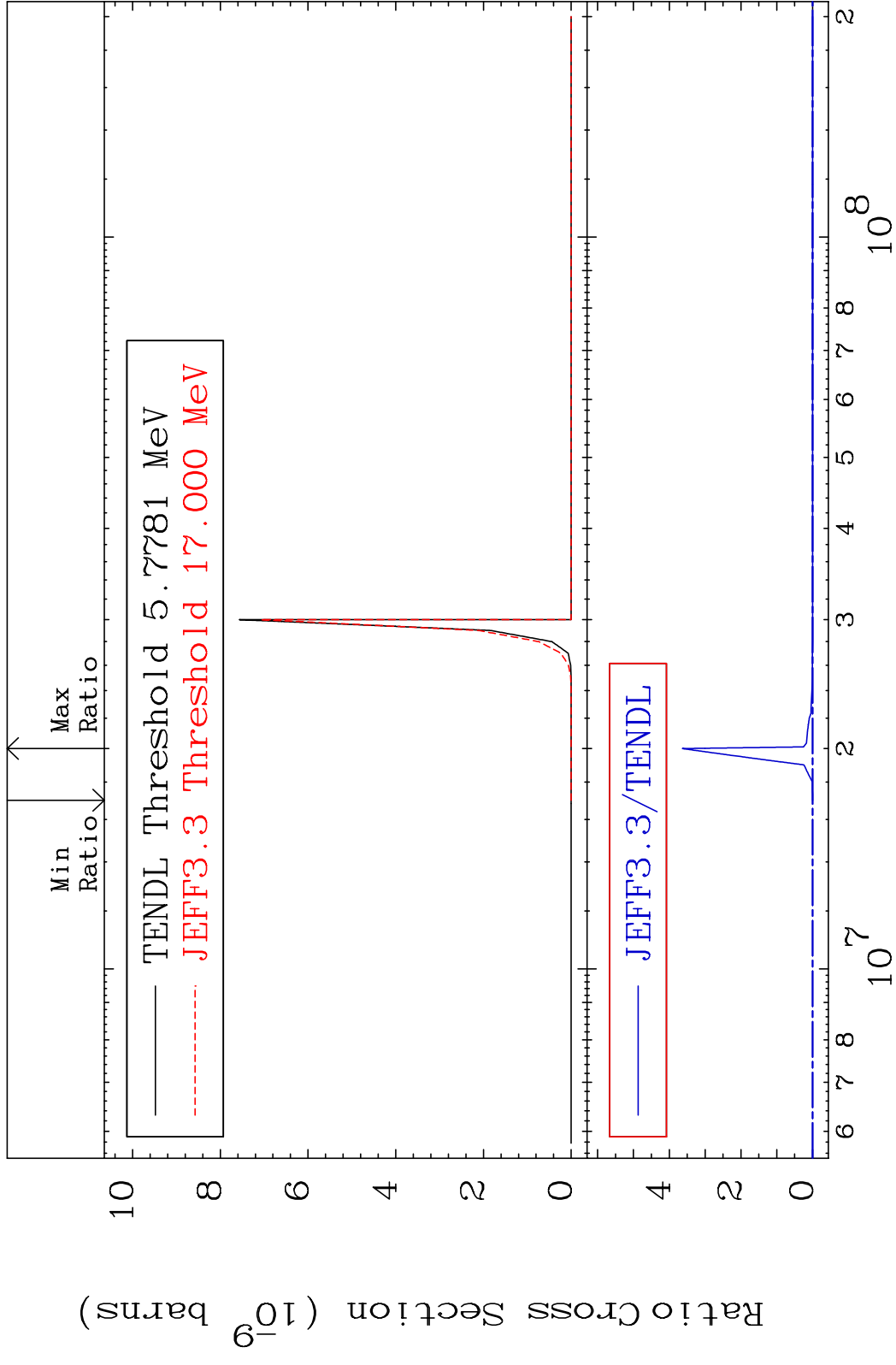


MAT 5322 (n, n') p:52-Te-125m2 53-I -126
 Radionuclide Production Cross Section 366.3 %

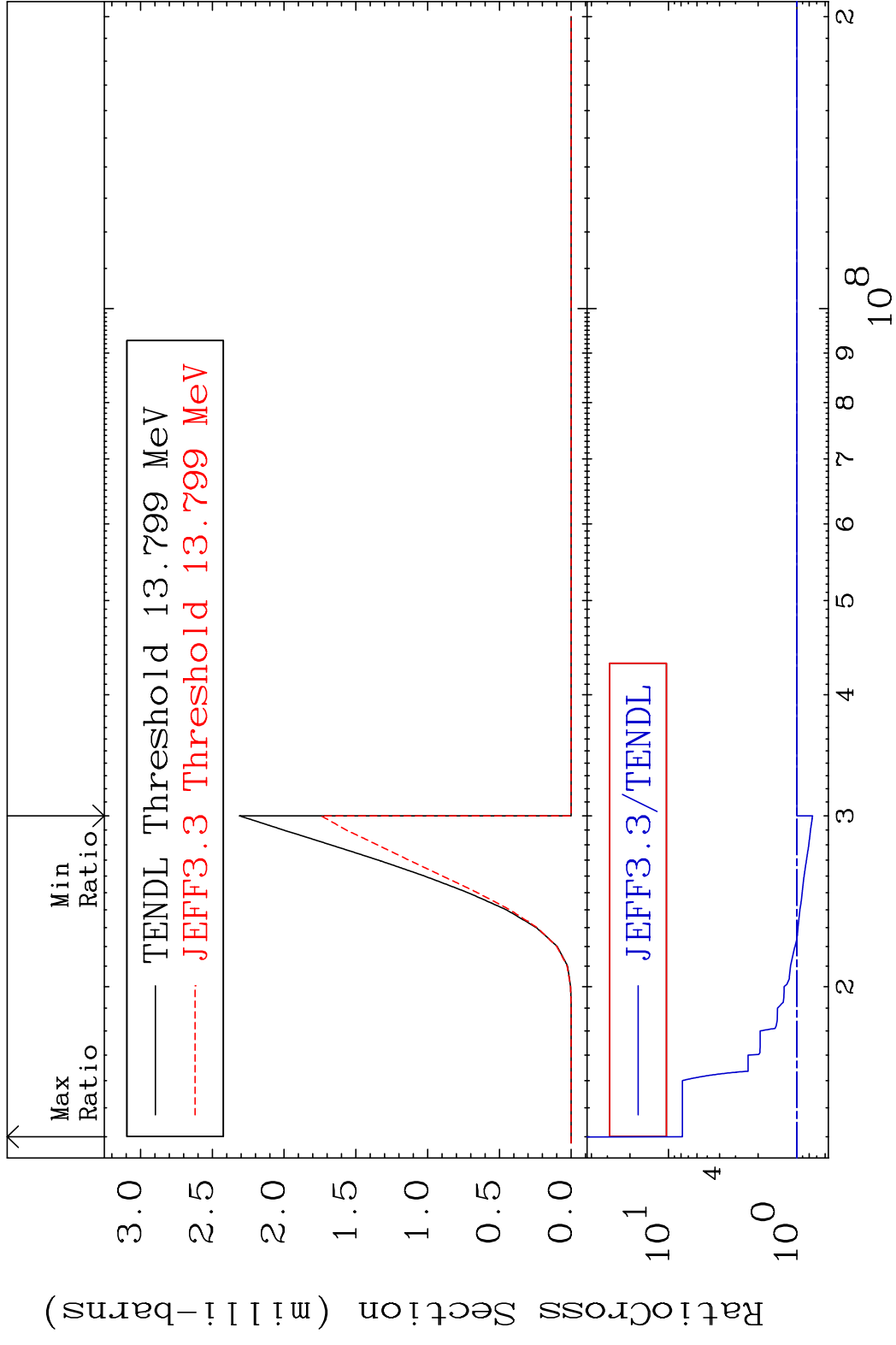




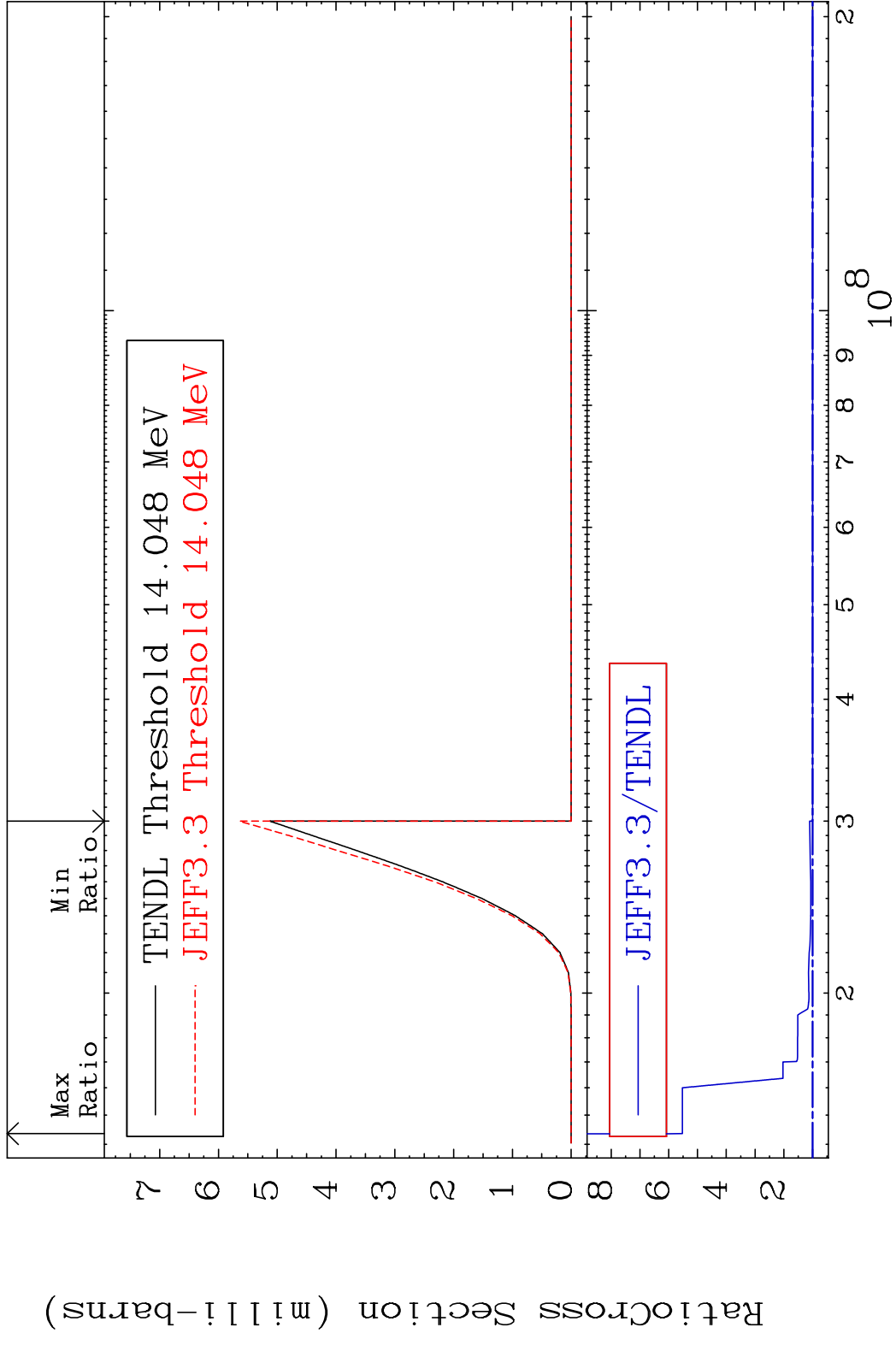


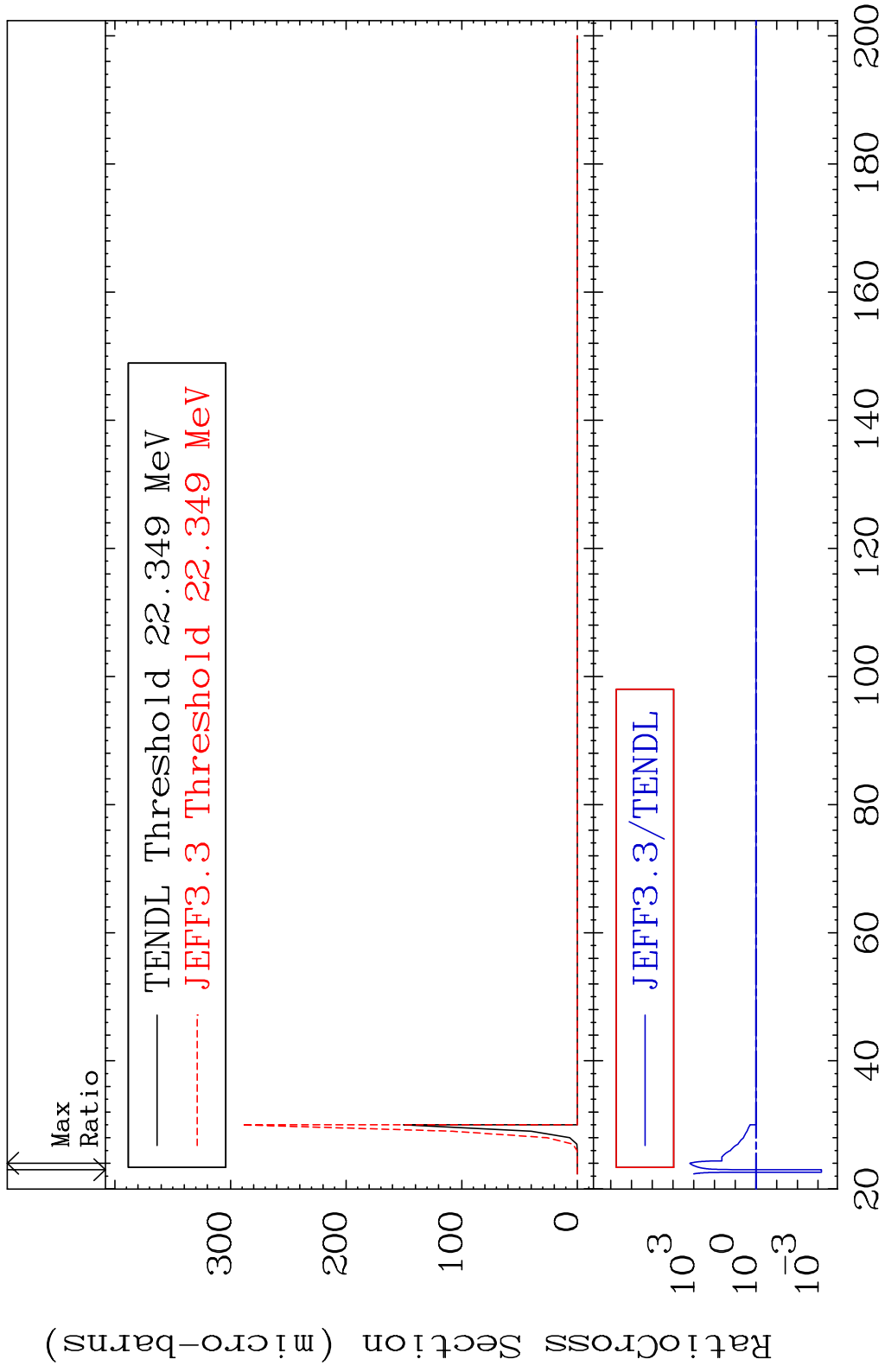


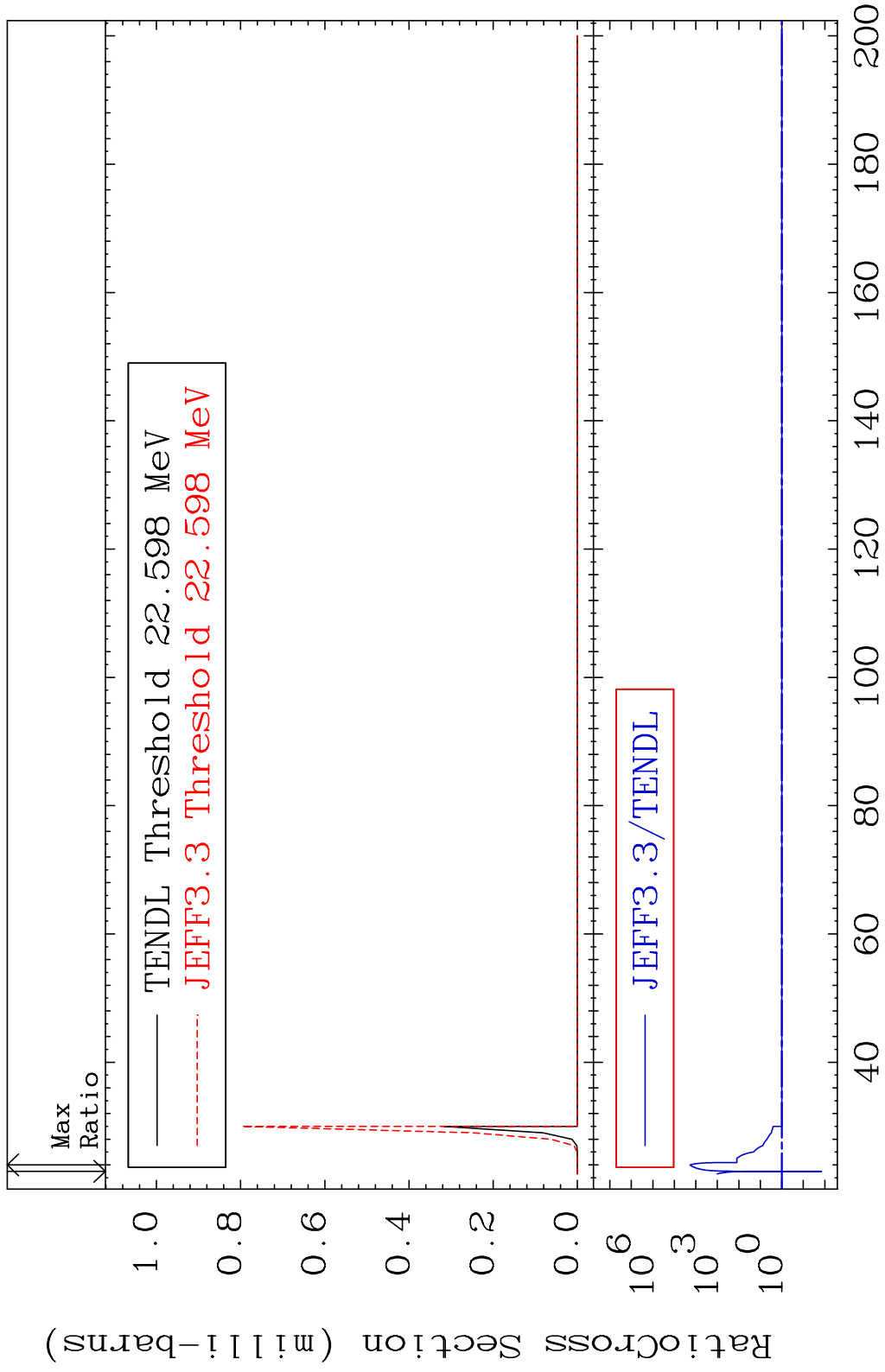
MAT 5322 (n, n') t:52-Te-123g 53-I -126
 Radionuclide Production Cross Section 64.0 680.6 %

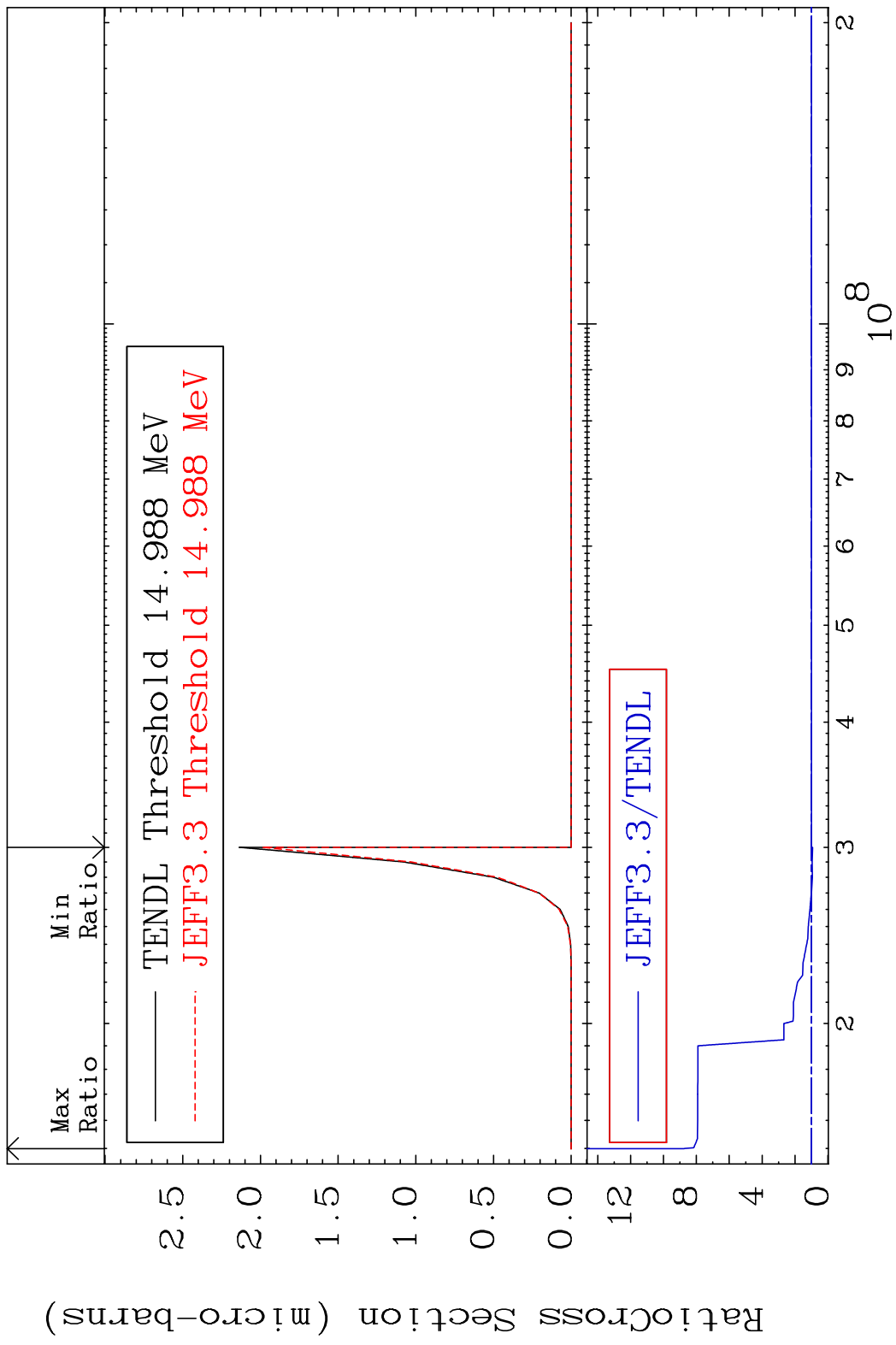


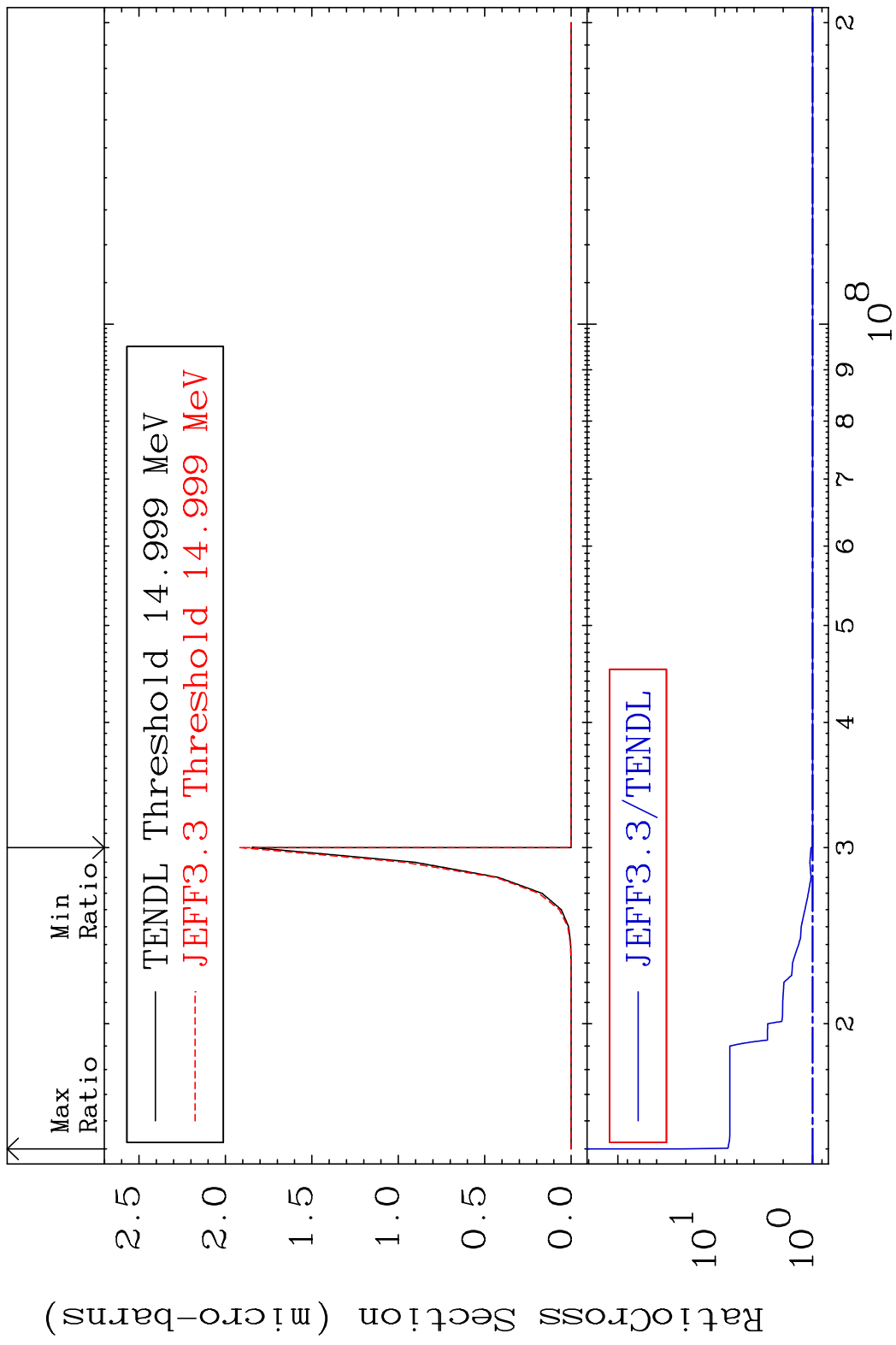
MAT 5322 (n, n') t:52-Te-123m2 53-I -126
 Radionuclide Production Cross Section 452.8 %

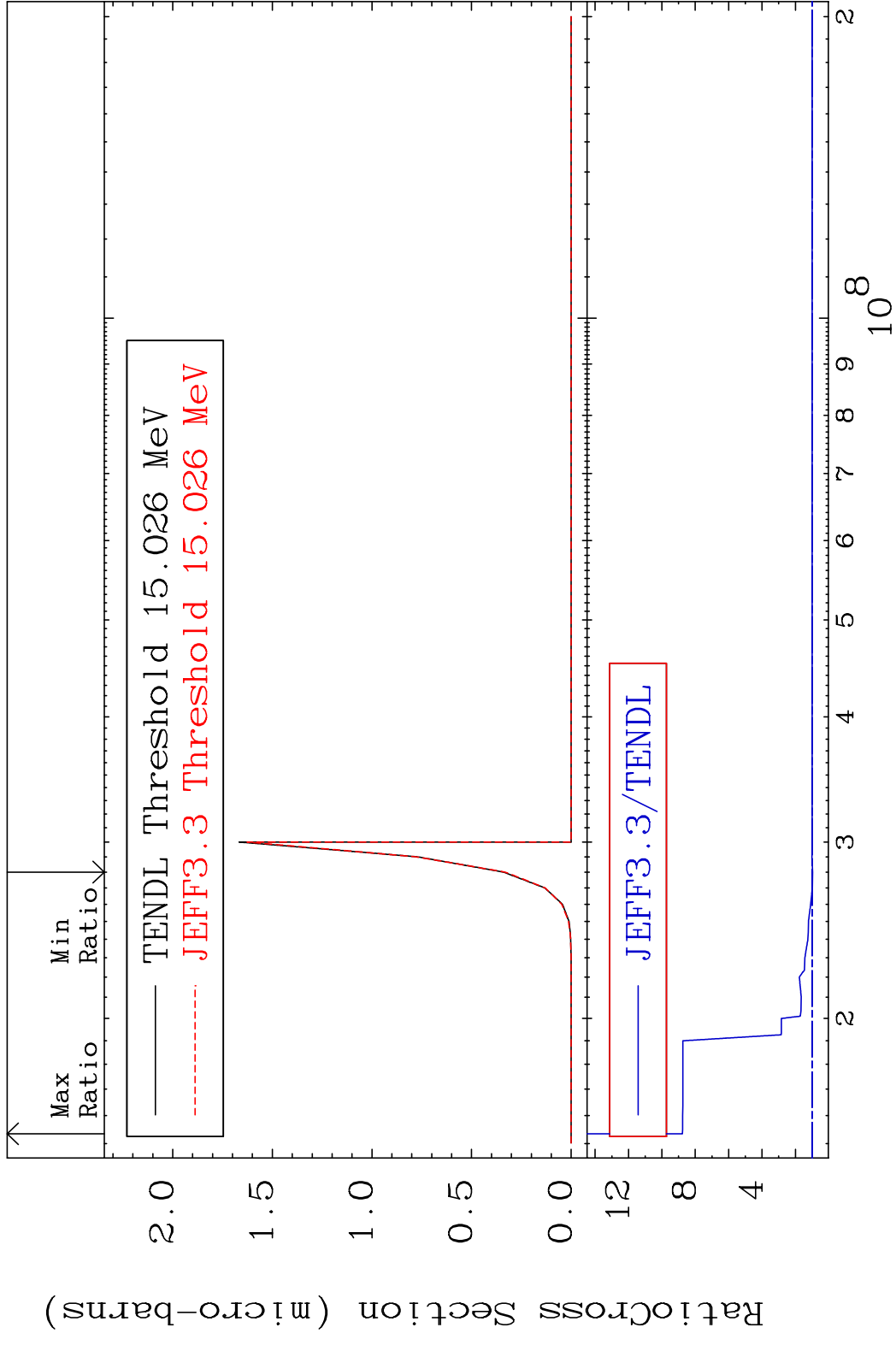


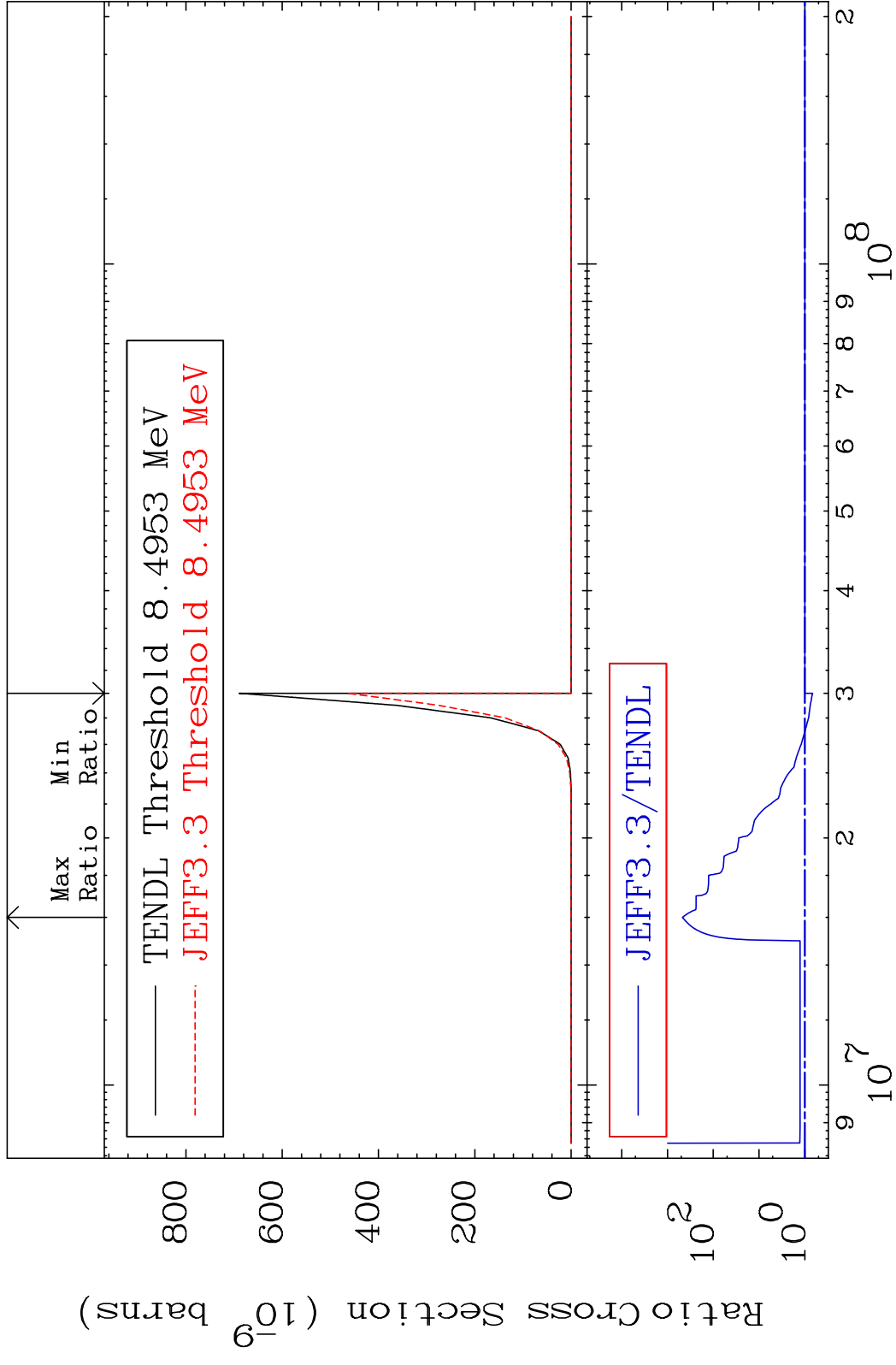


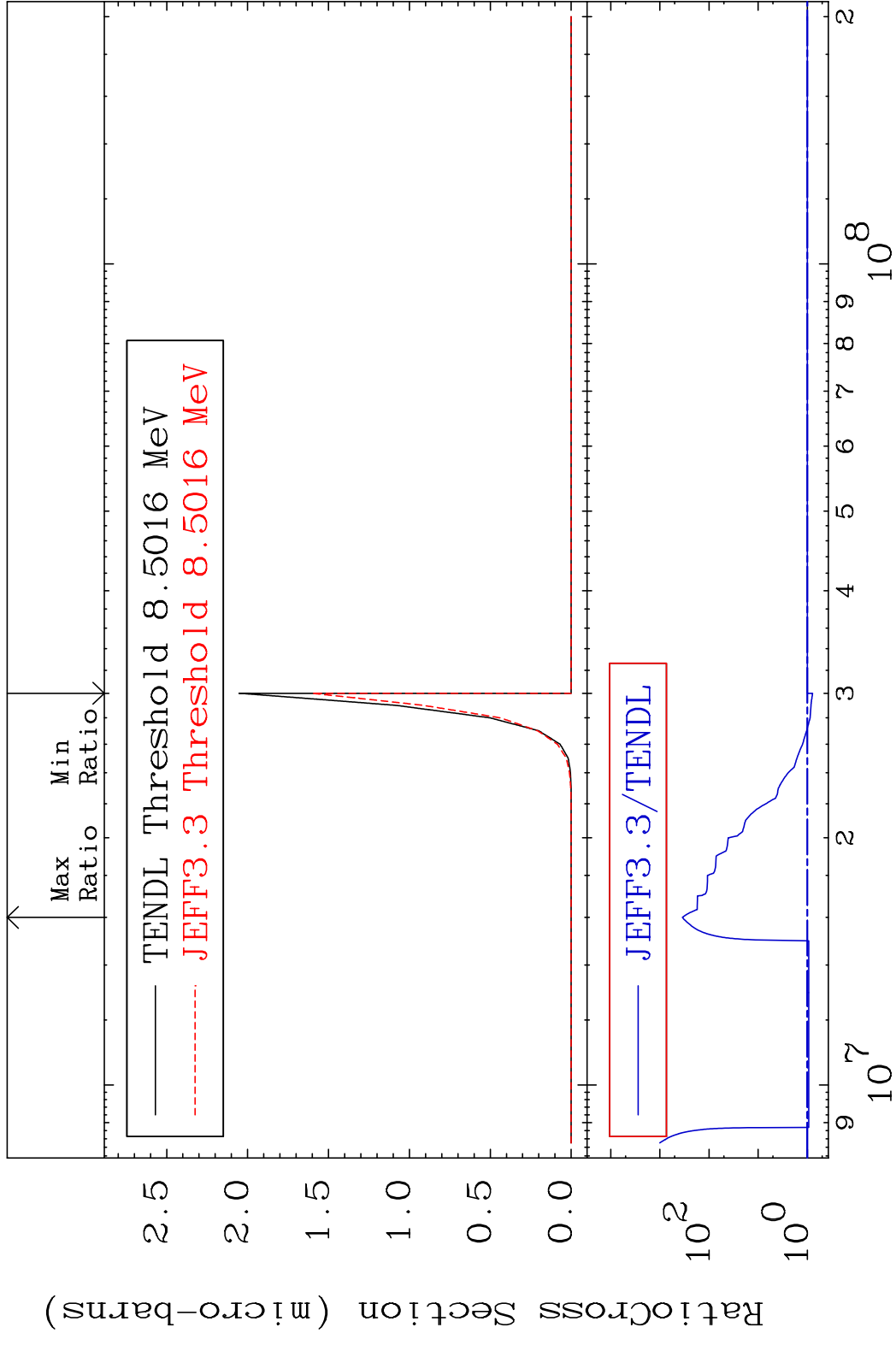


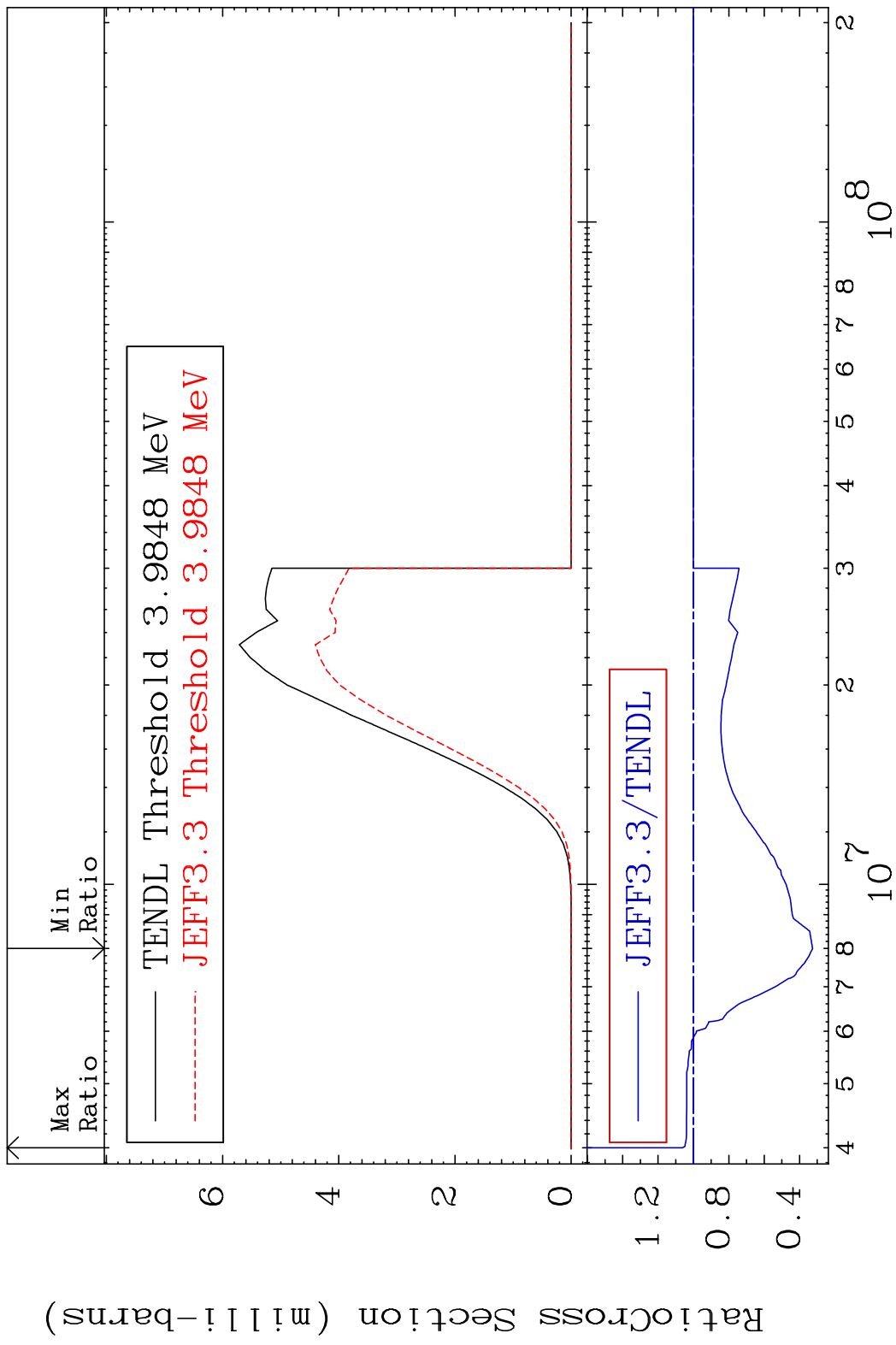




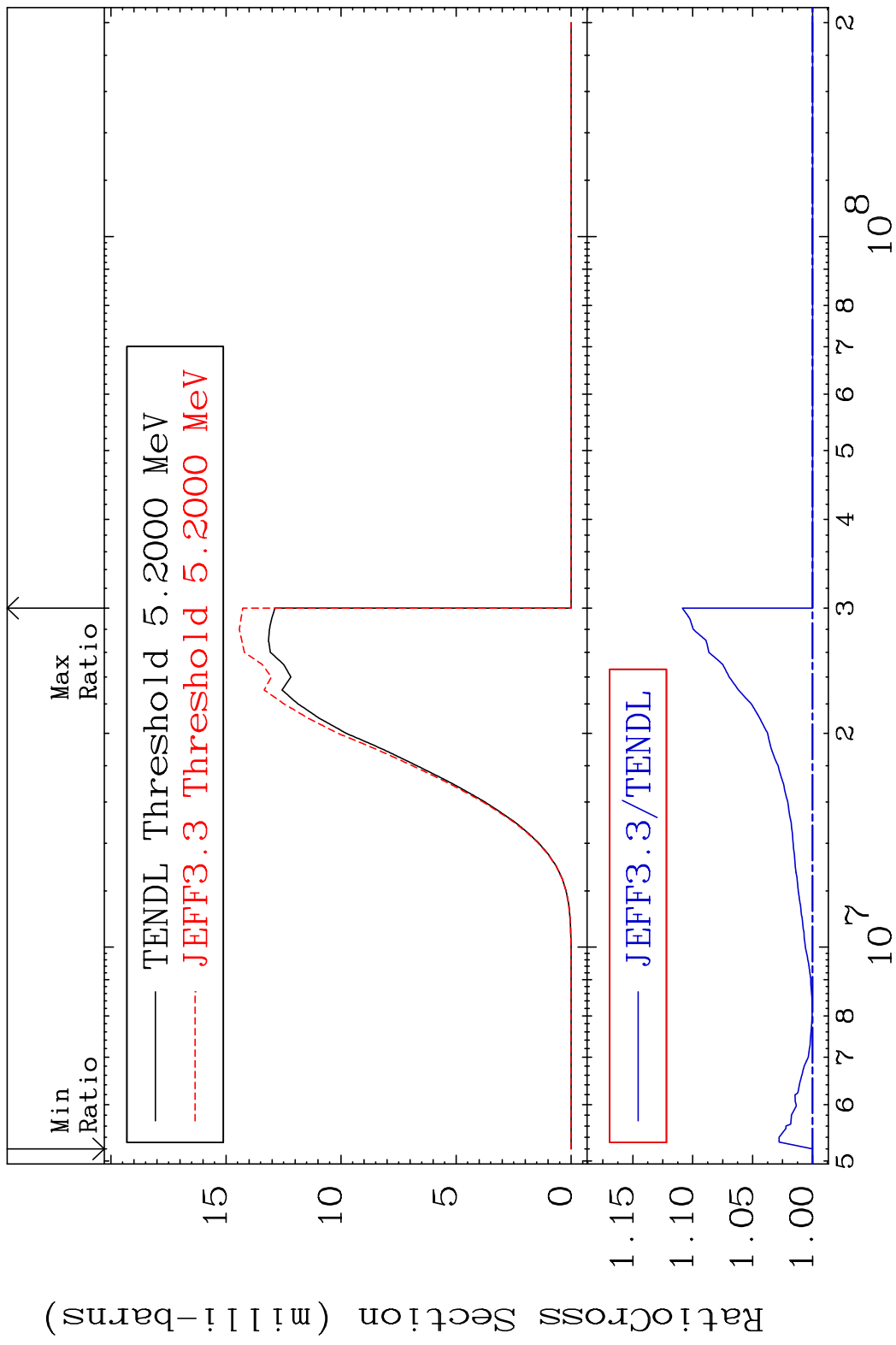




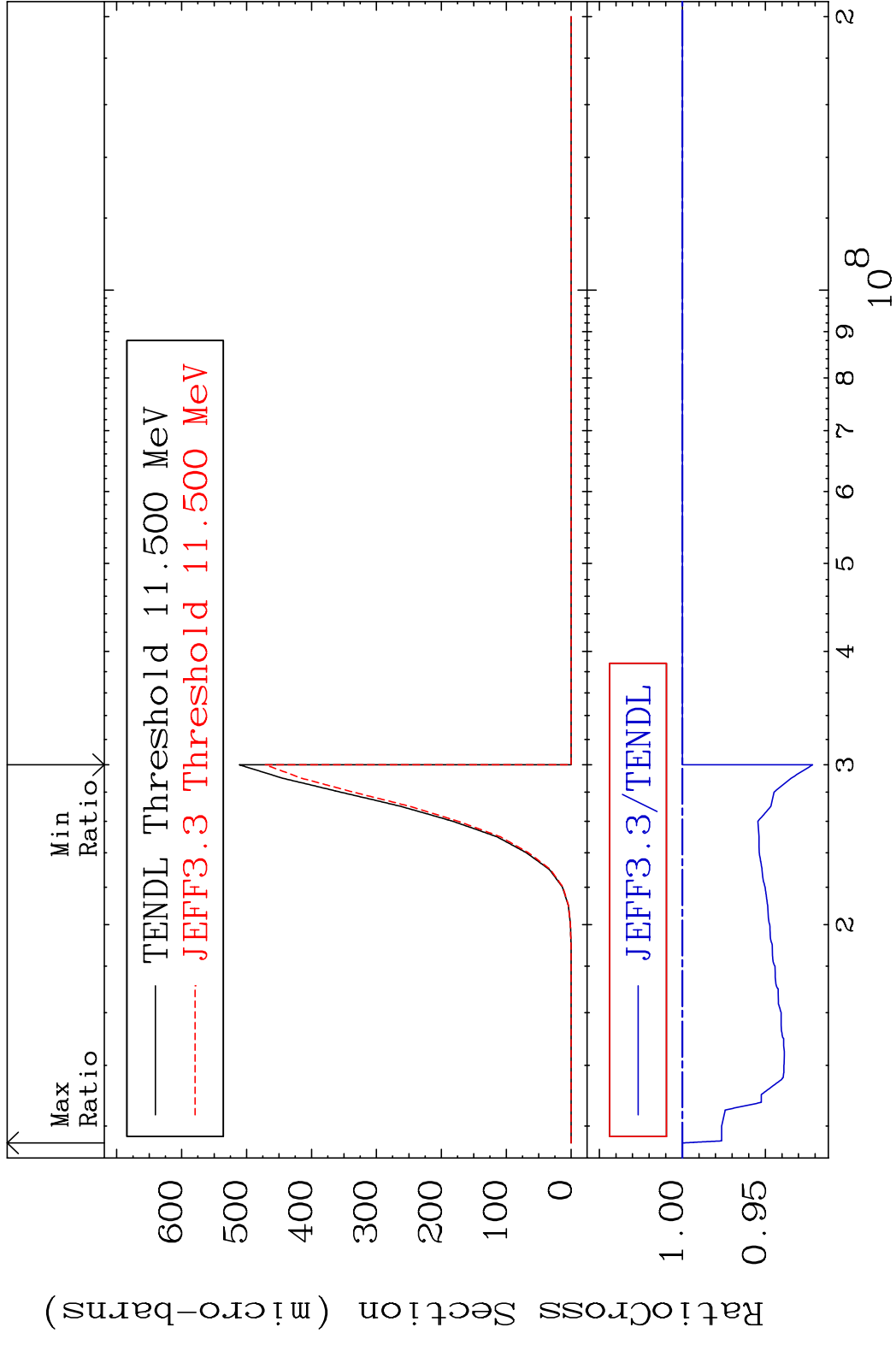




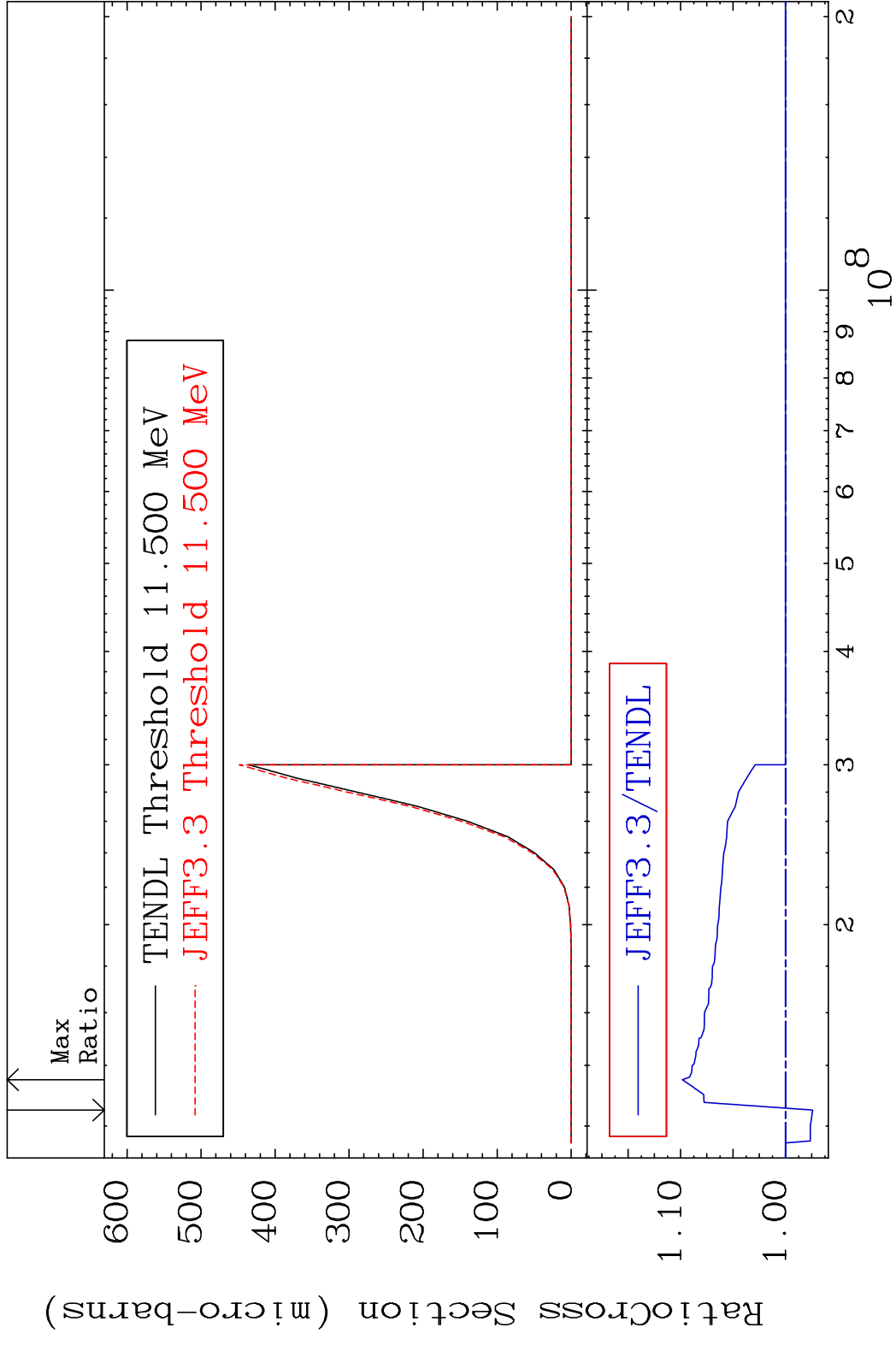
MAT 5322 (n, d):52-Te-125m2 53-I -126
 Radionuclide Production Cross Section 10.86 %

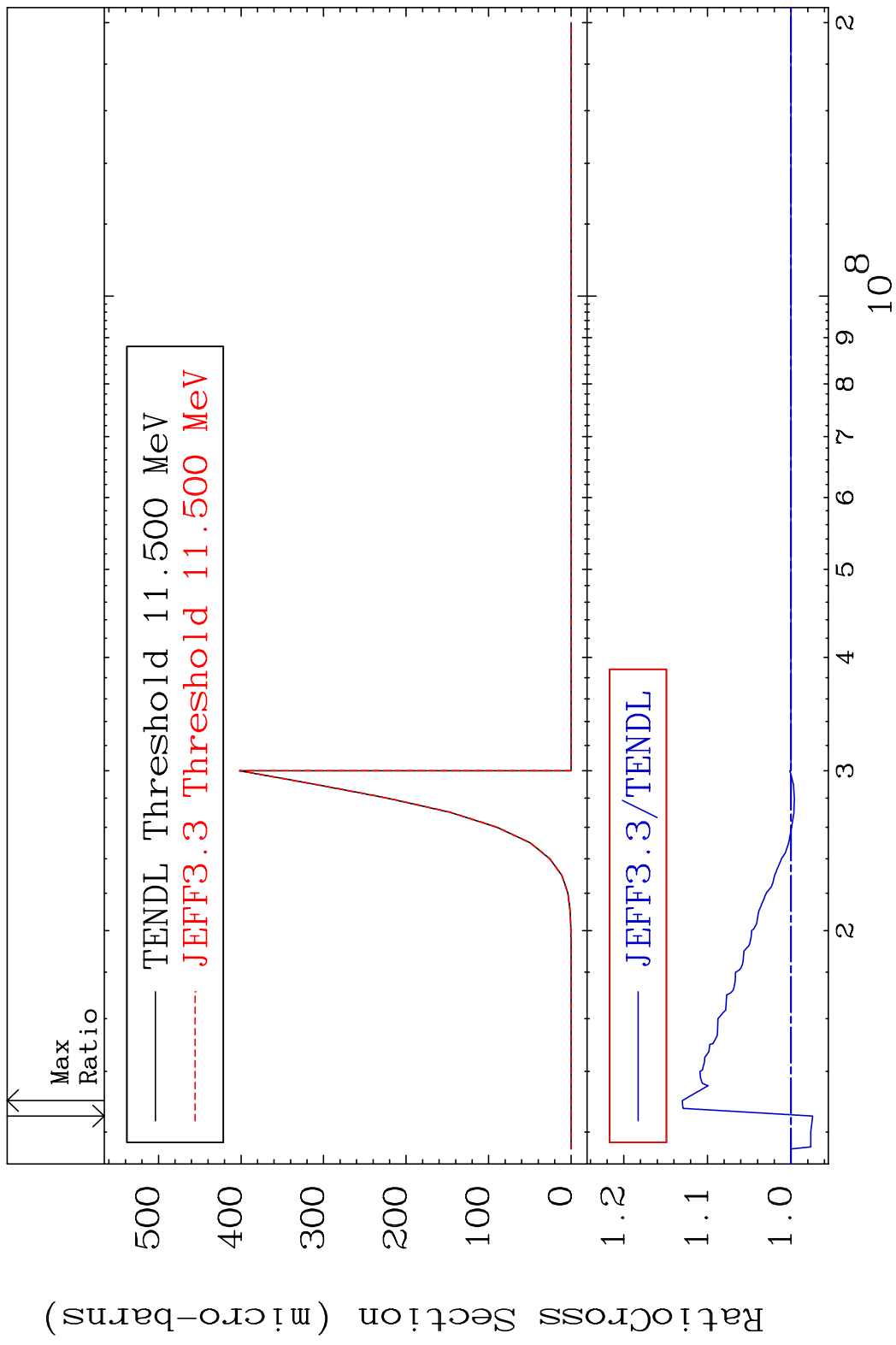


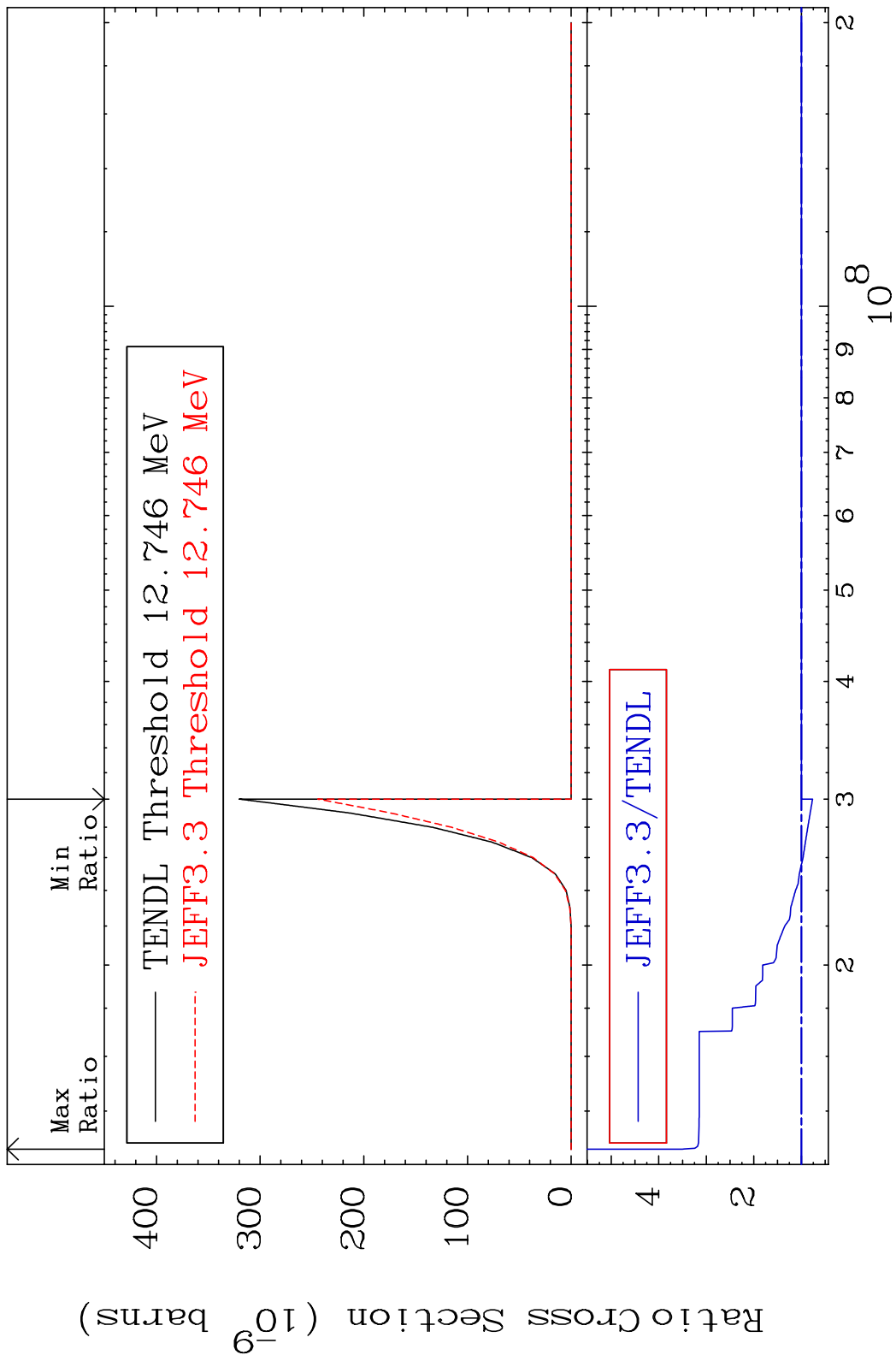
MAT 5322 (n, He-3):51-Sb-124g 53-I -126
 Radionuclide Production Cross Section 0.000 %

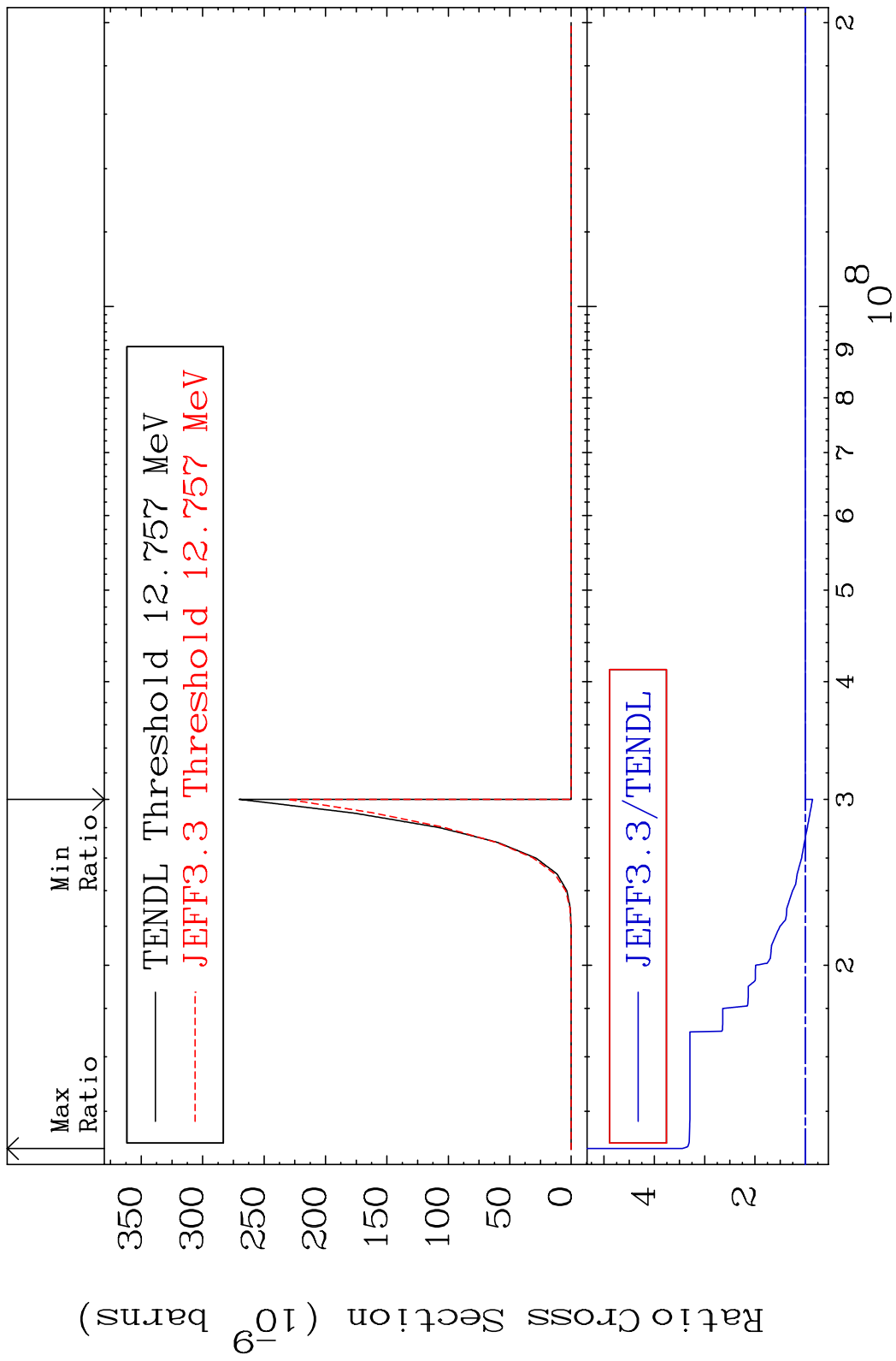


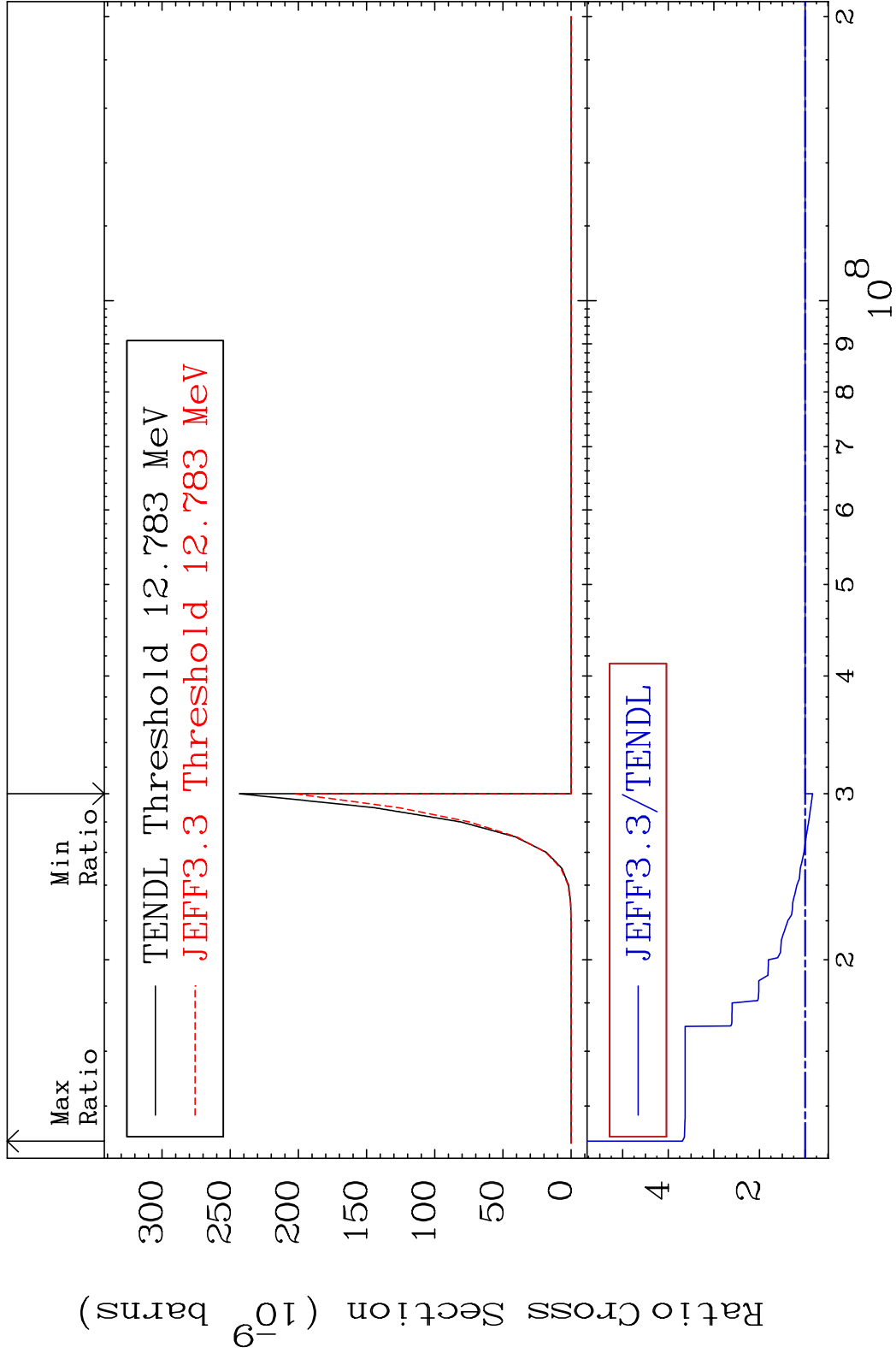
100 Incident Energy (eV) 53-I -126

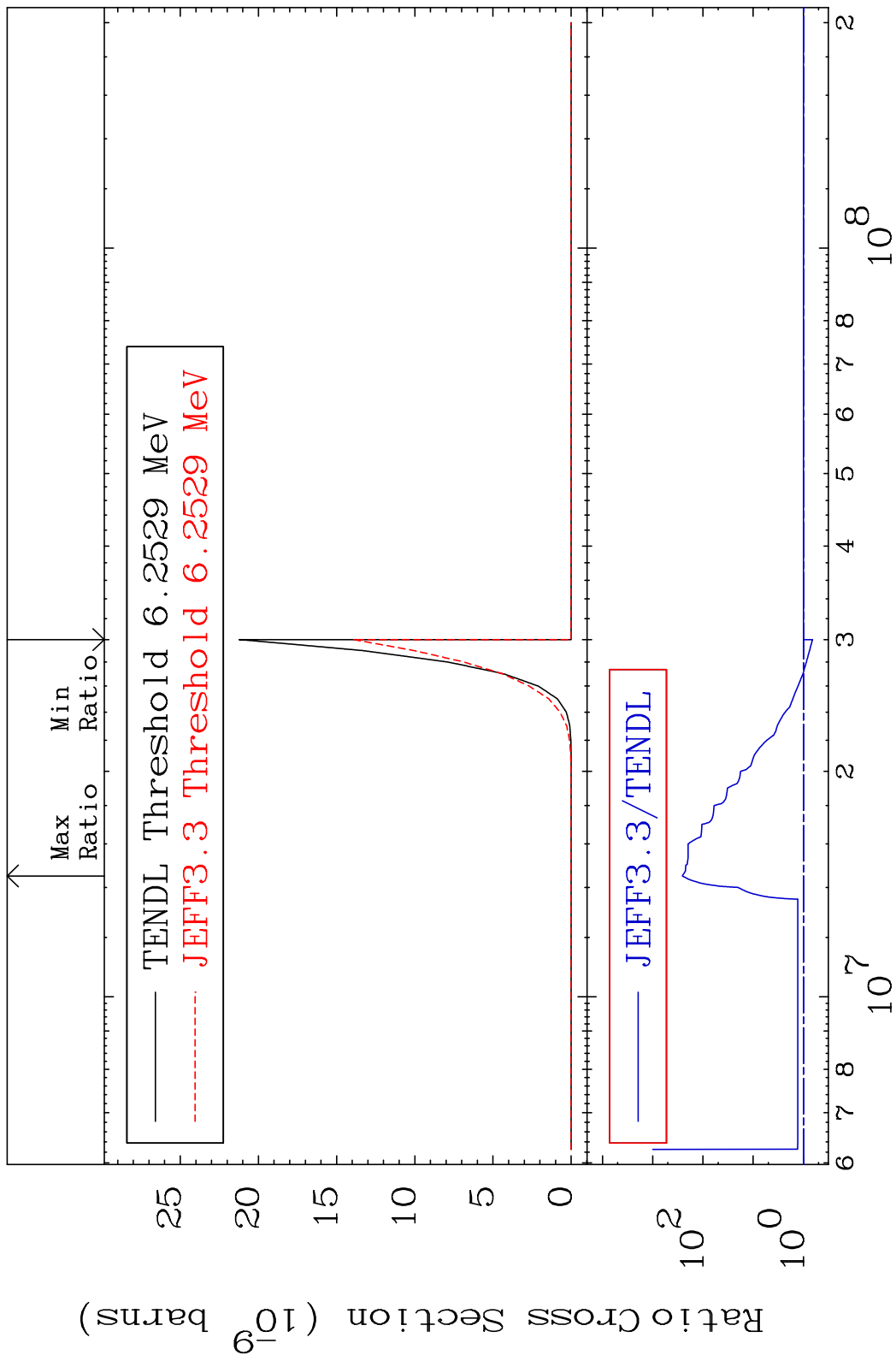












MAT 5322 (n,d) α :50-Sn-121m1 53-I -126
 Radionuclide Production Cross Section Ratio 9999. %

