

Program Complot
(Version 2021-1)

by

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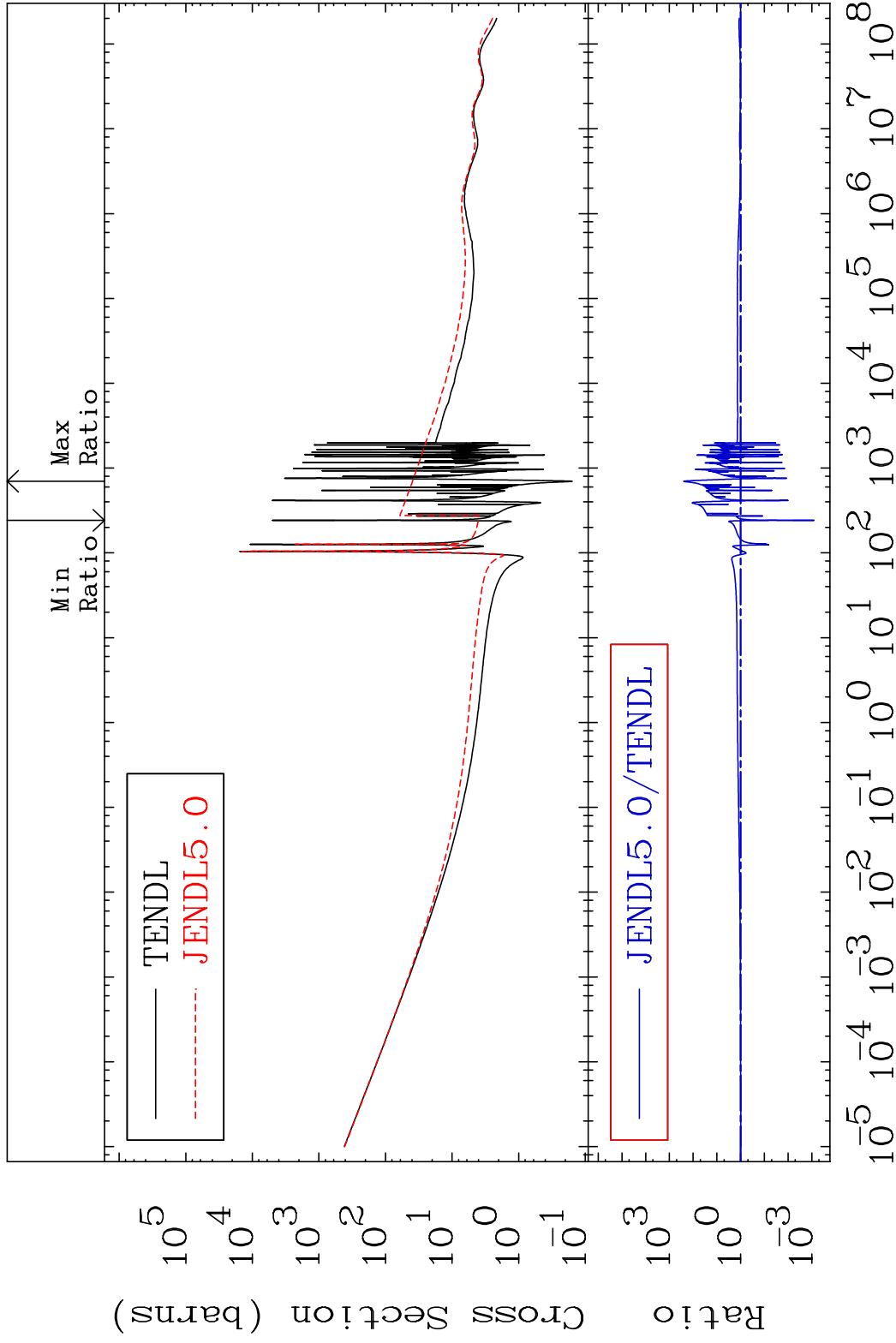
Press Mouse Button to Start

MAT 5631

Total

56-Ba-132

Cross Section -99.92 To 9999. %



1

Incident Energy (eV)

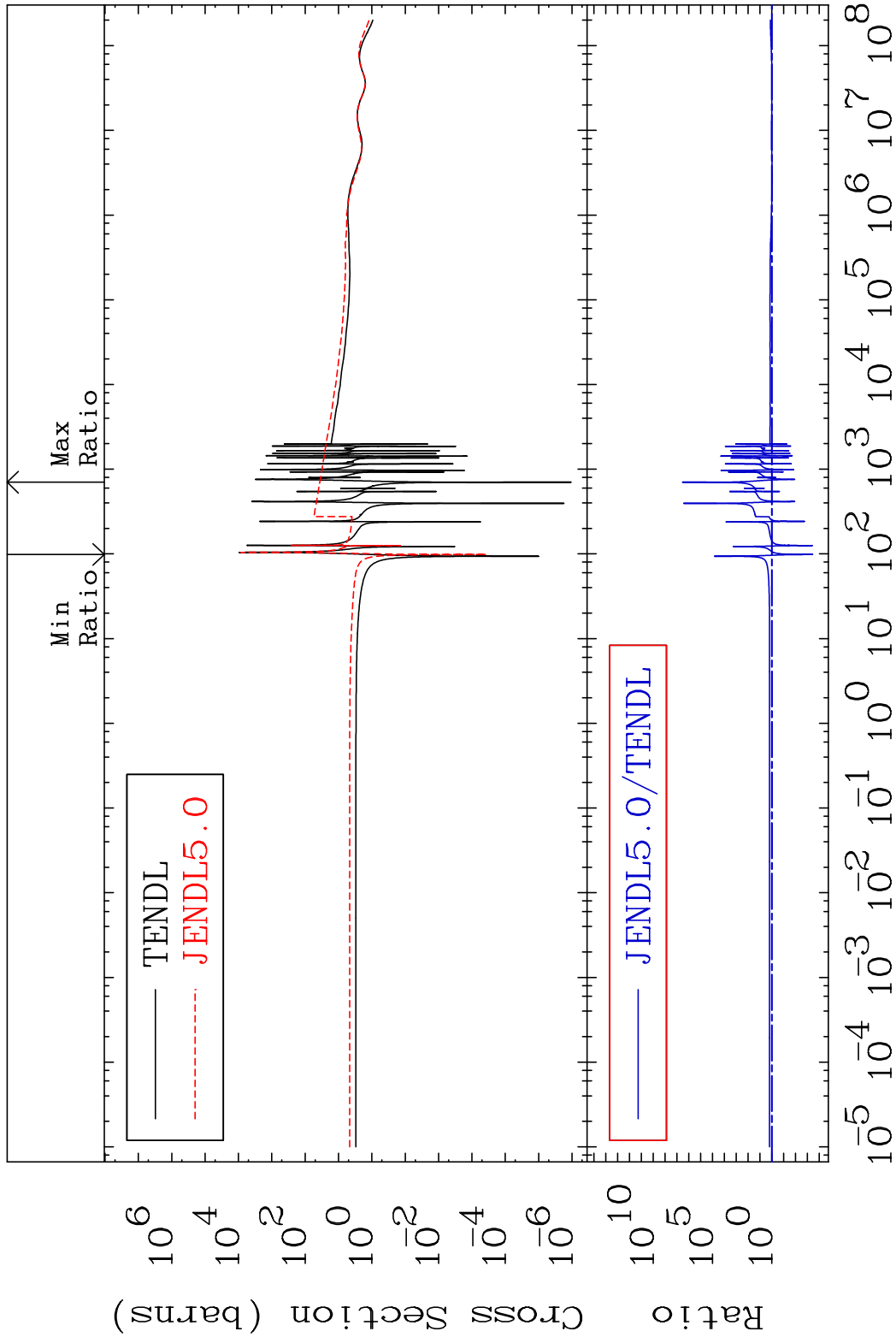
56-Ba-132

MAT 5631

Elastic

56-Ba-132

Cross Section -99.96 To 9999. %

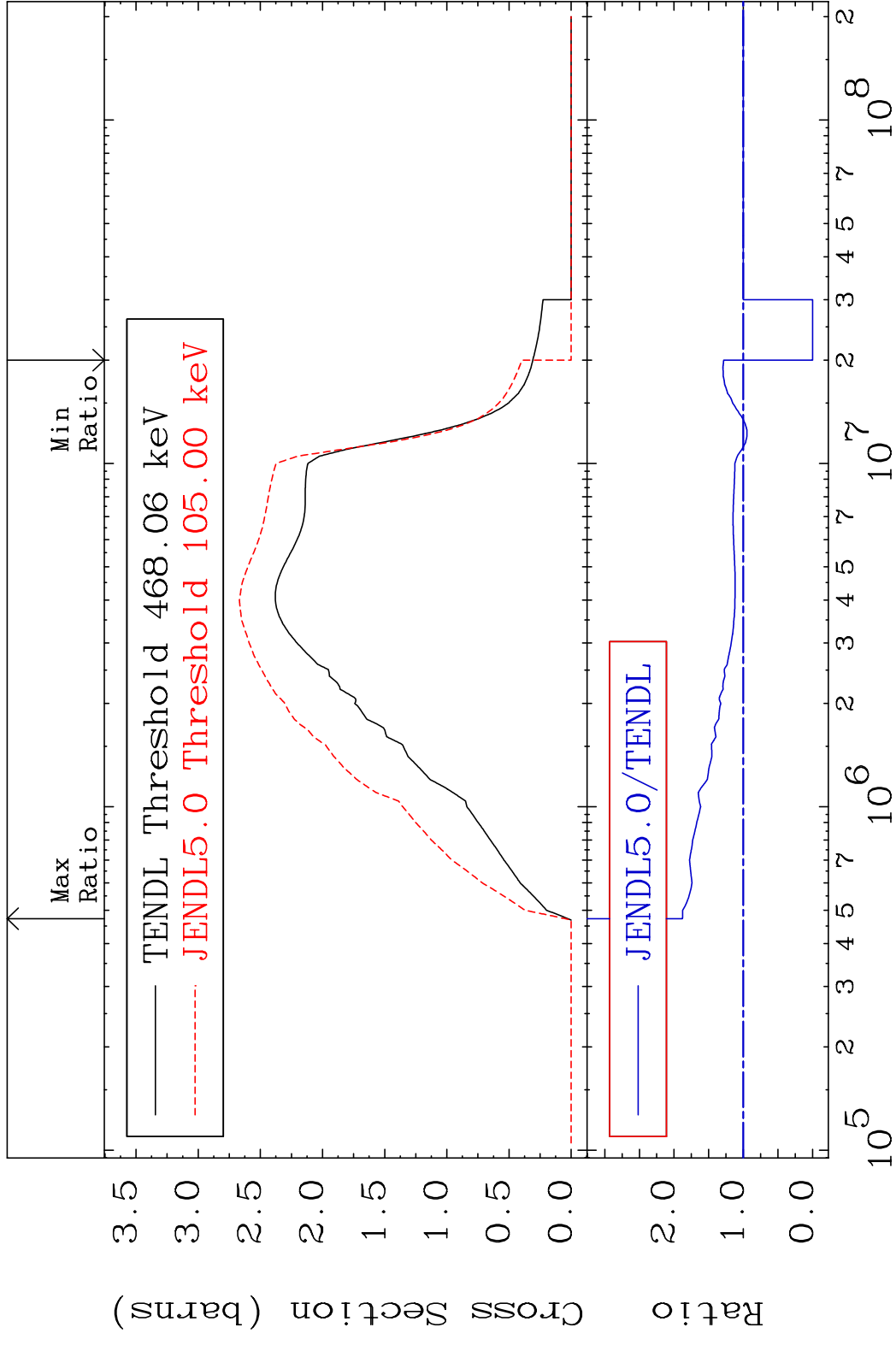


2

Incident Energy (eV)

56-Ba-132

MAT 5631 Inelastic 56-Ba-132
 Cross Section -100.0 To 87.99 %



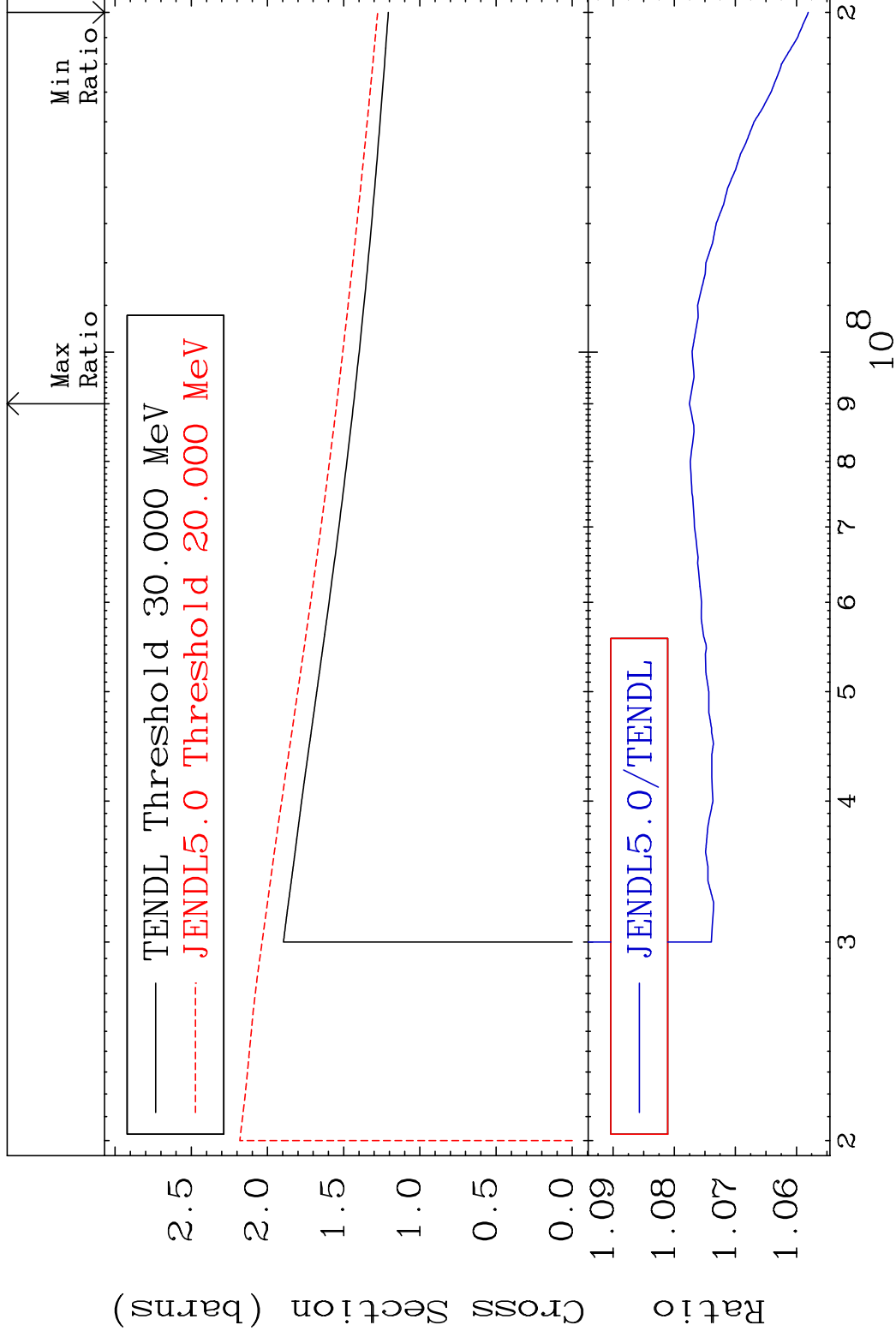
3 Incident Energy (eV) 56-Ba-132

MAT 5631

(n, remainder)

56-Ba-132

Cross Section 5.806 To 7.752 %



4

Incident Energy (eV)

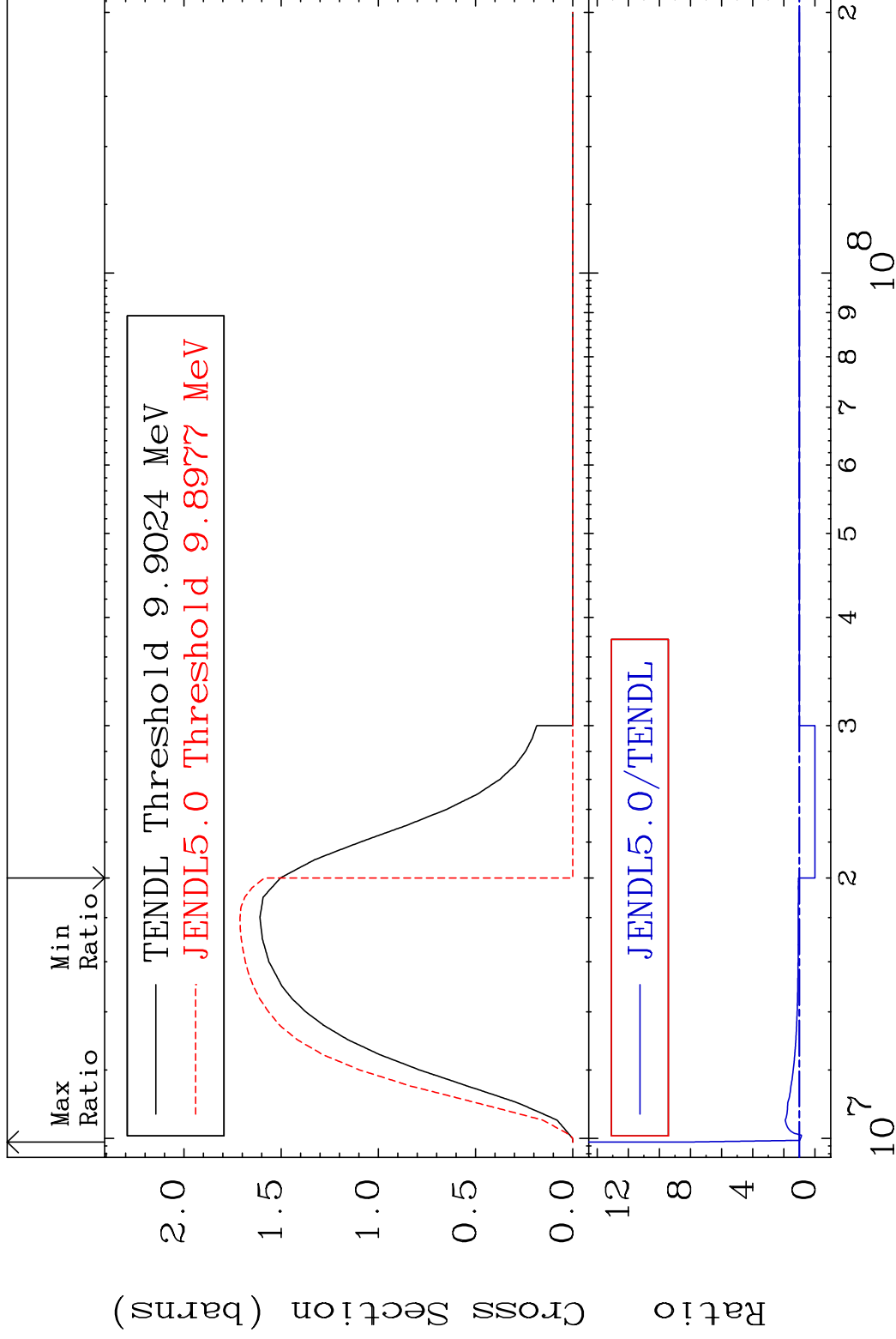
56-Ba-132

MAT 5631

(n,2n)

56-Ba-132

Cross Section -100.0 To 739.9 %



5

Incident Energy (eV)

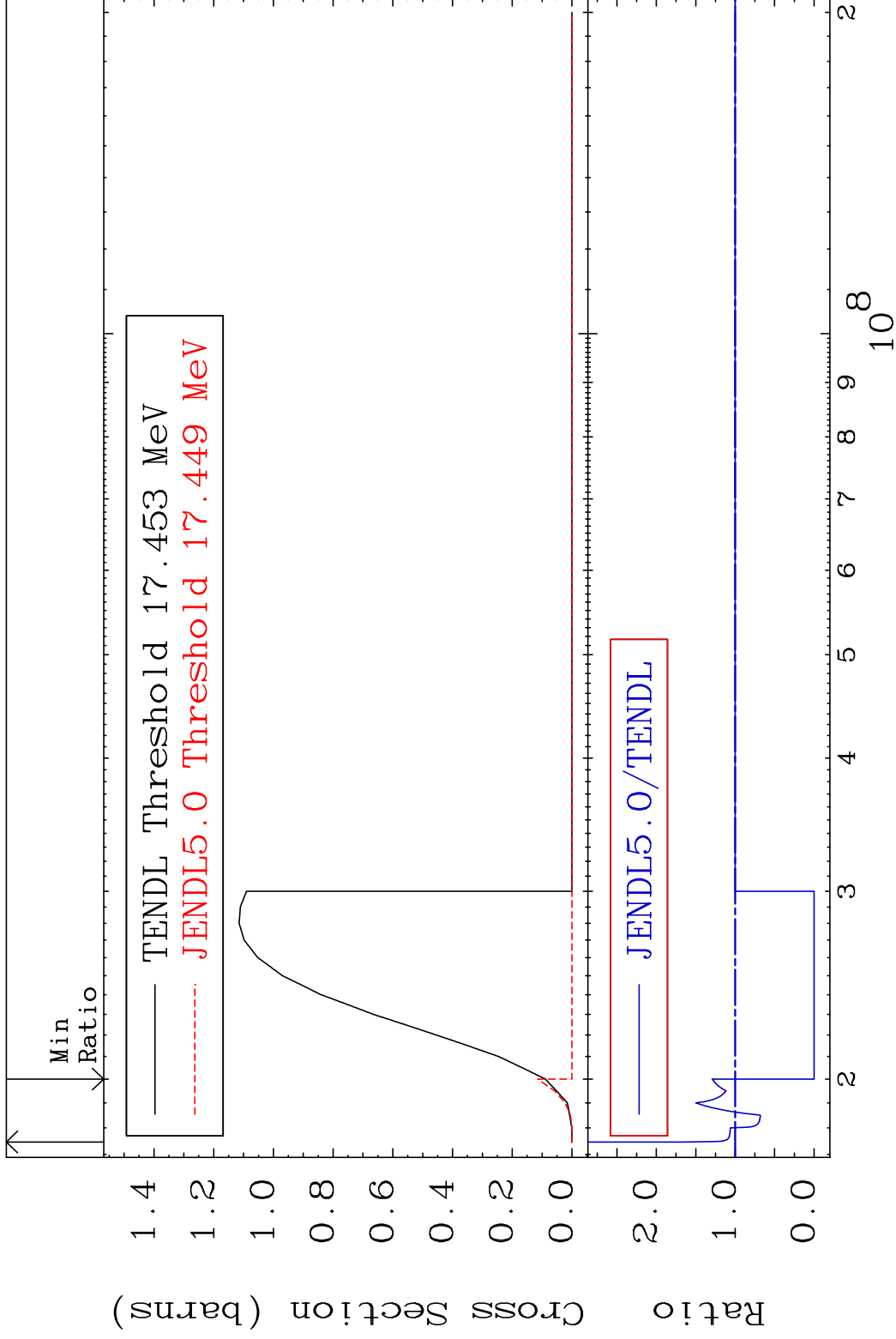
56-Ba-132

MAT 5631

(n,3n)

56-Ba-132

Cross Section -100.0 To 65.58 %



6

Incident Energy (eV)

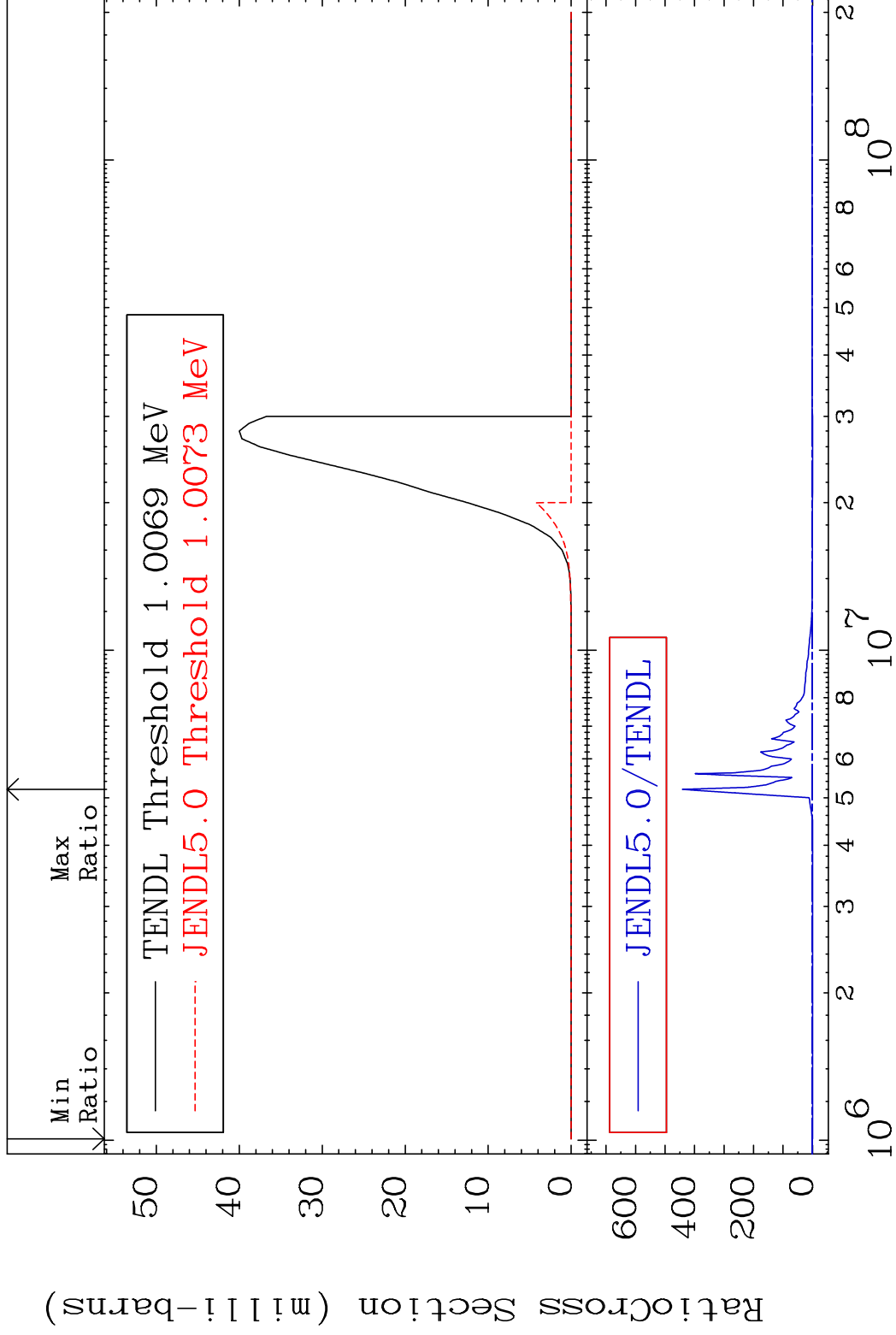
56-Ba-132

MAT 5631

(n, n') α

56-Ba-132

Cross Section -100.0 To 9999. %

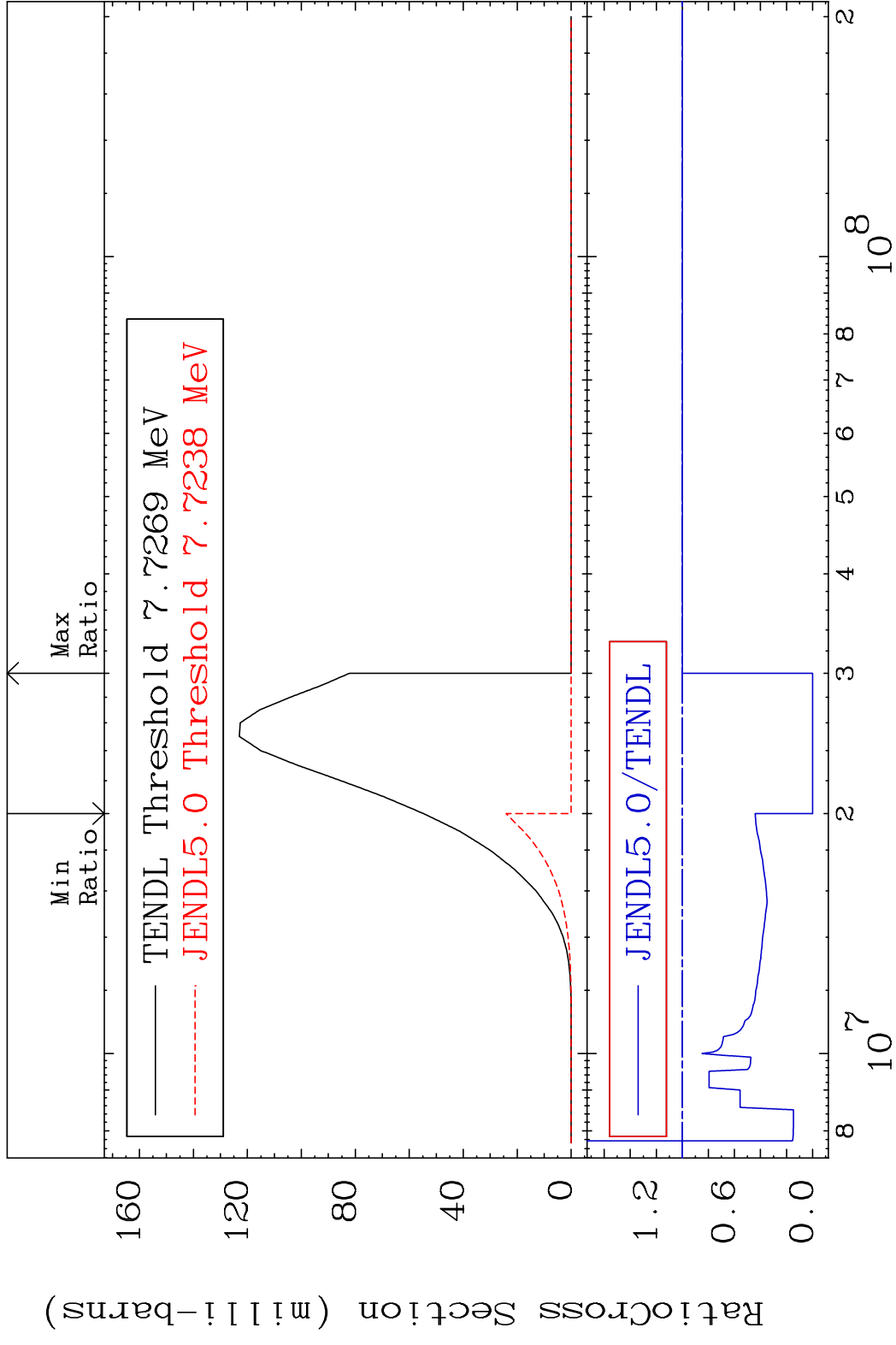


7

Incident Energy (eV)

56-Ba-132

MAT 5631 (n, n') p 56-Ba-132
 Cross Section -100.0 To 0.000 %



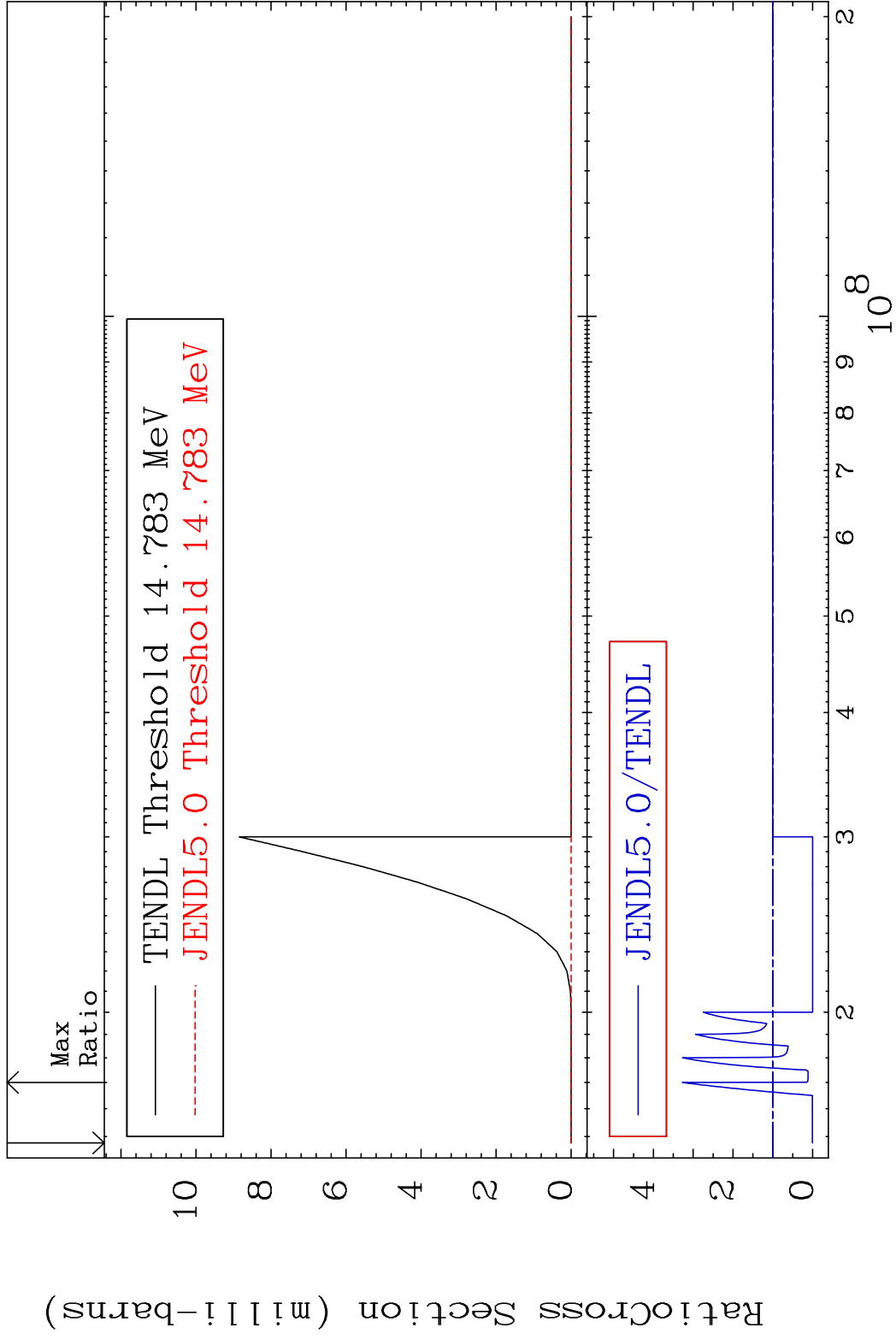
8 8 Incident Energy (eV) 56-Ba-132

MAT 5631

(n, n') d

56-Ba-132

Cross Section -100.0 To 227.2 %

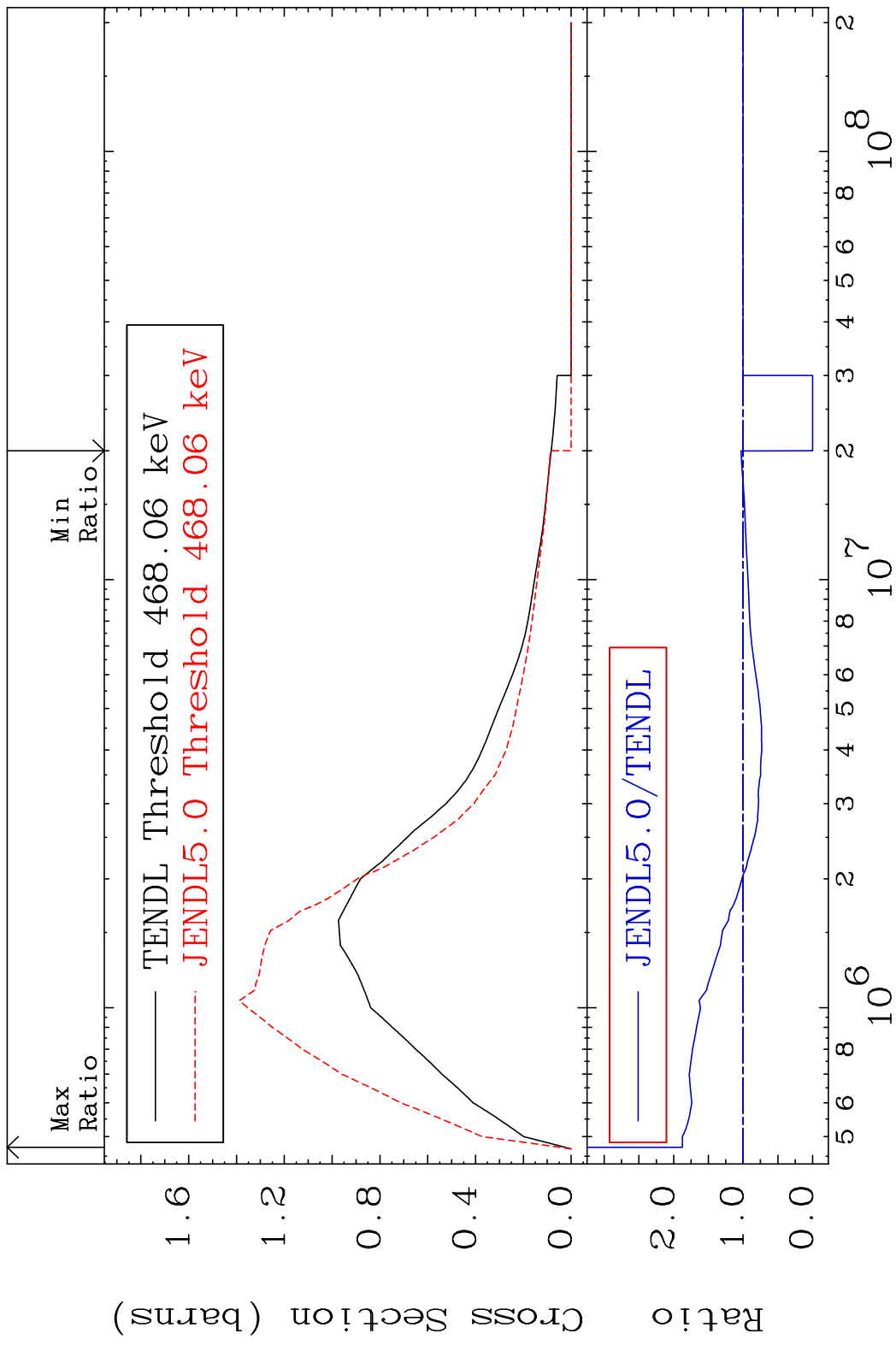


9

Incident Energy (eV)

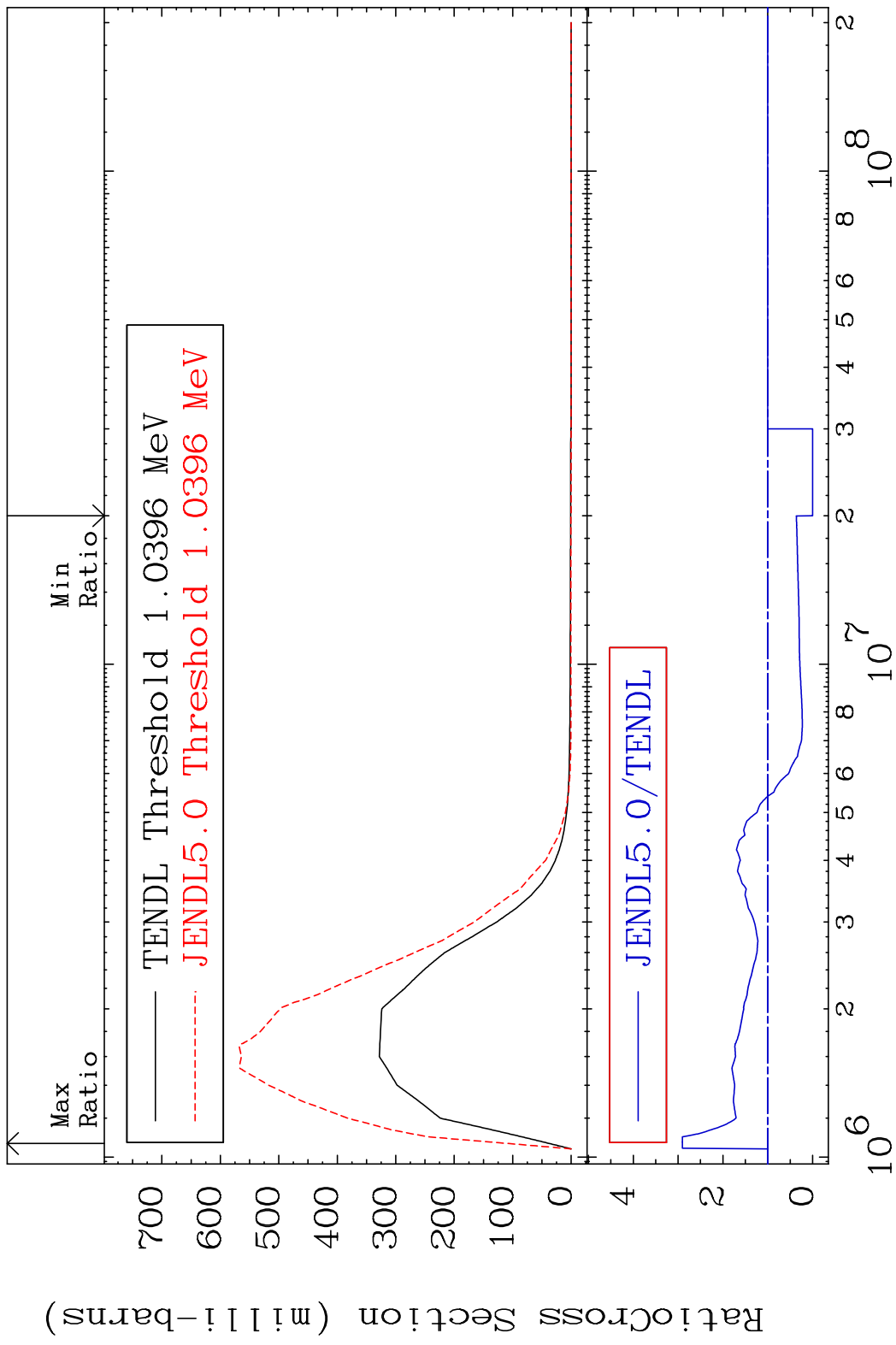
56-Ba-132

MAT 5631 MT= 51 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 87.48 %



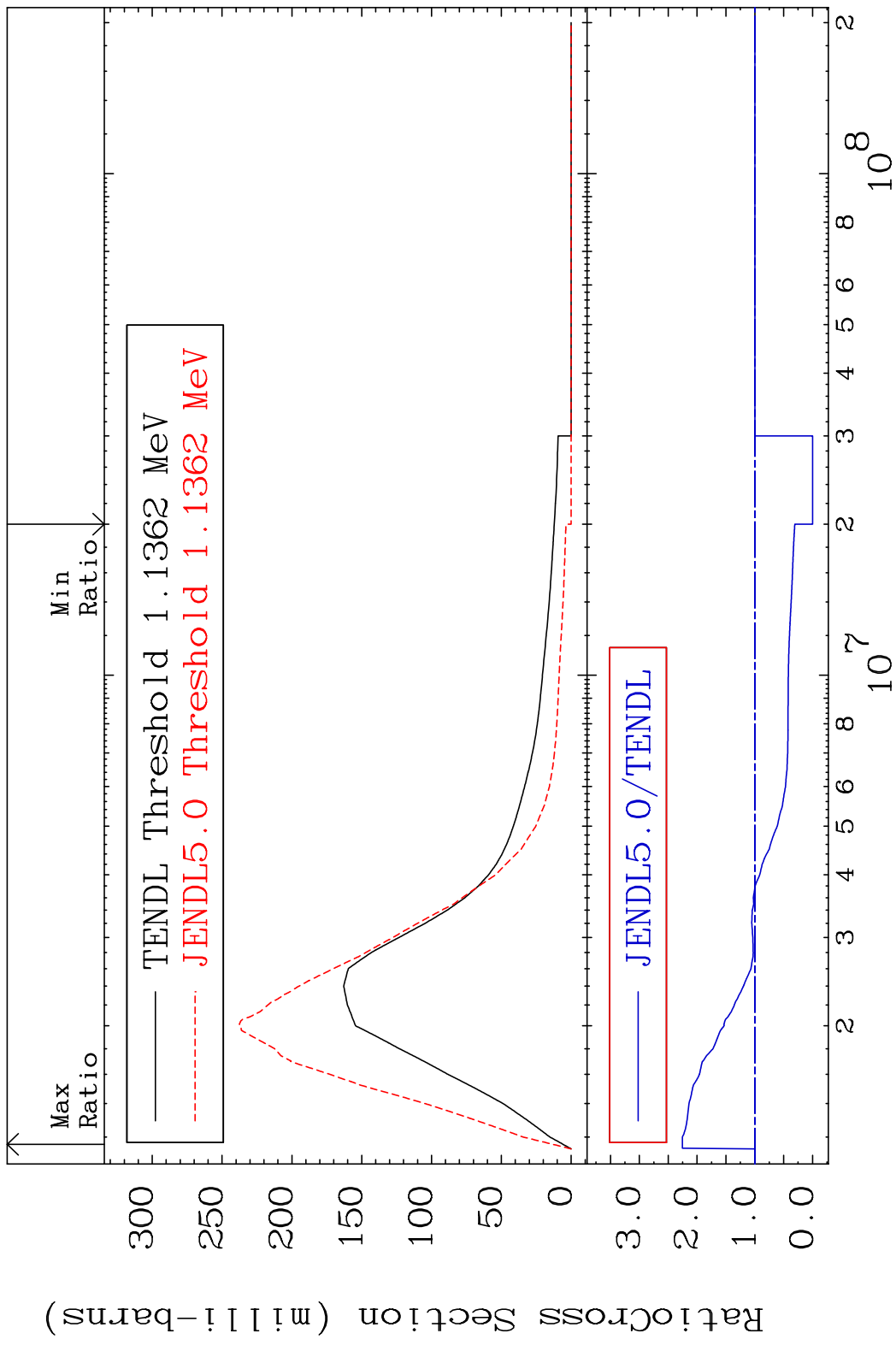
10 Incident Energy (eV) 56-Ba-132

MAT 5631 MT= 52 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 190.5 %

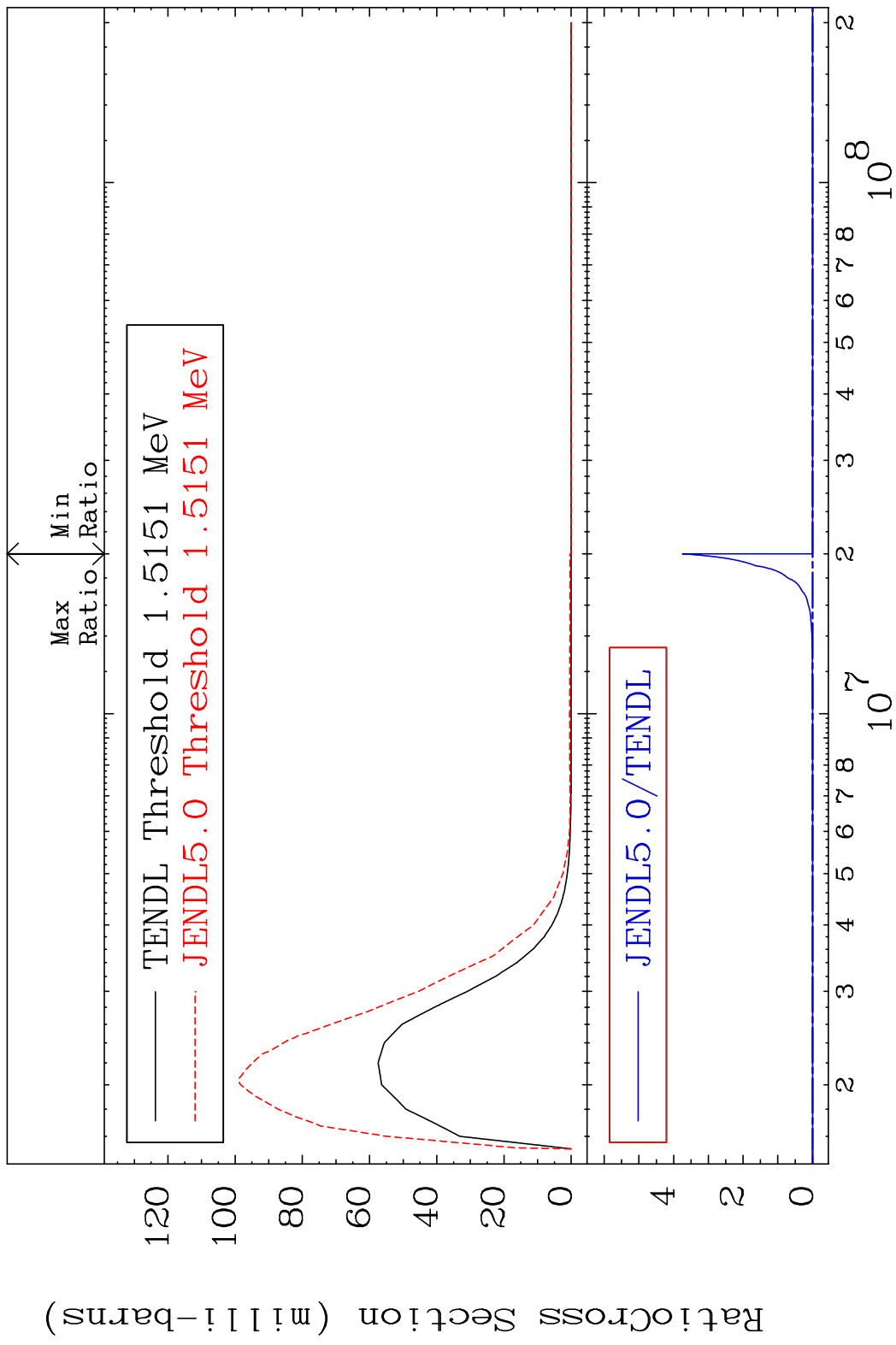


11 Incident Energy (eV) 56-Ba-132

MAT 5631 MT= 53 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 125.5 %

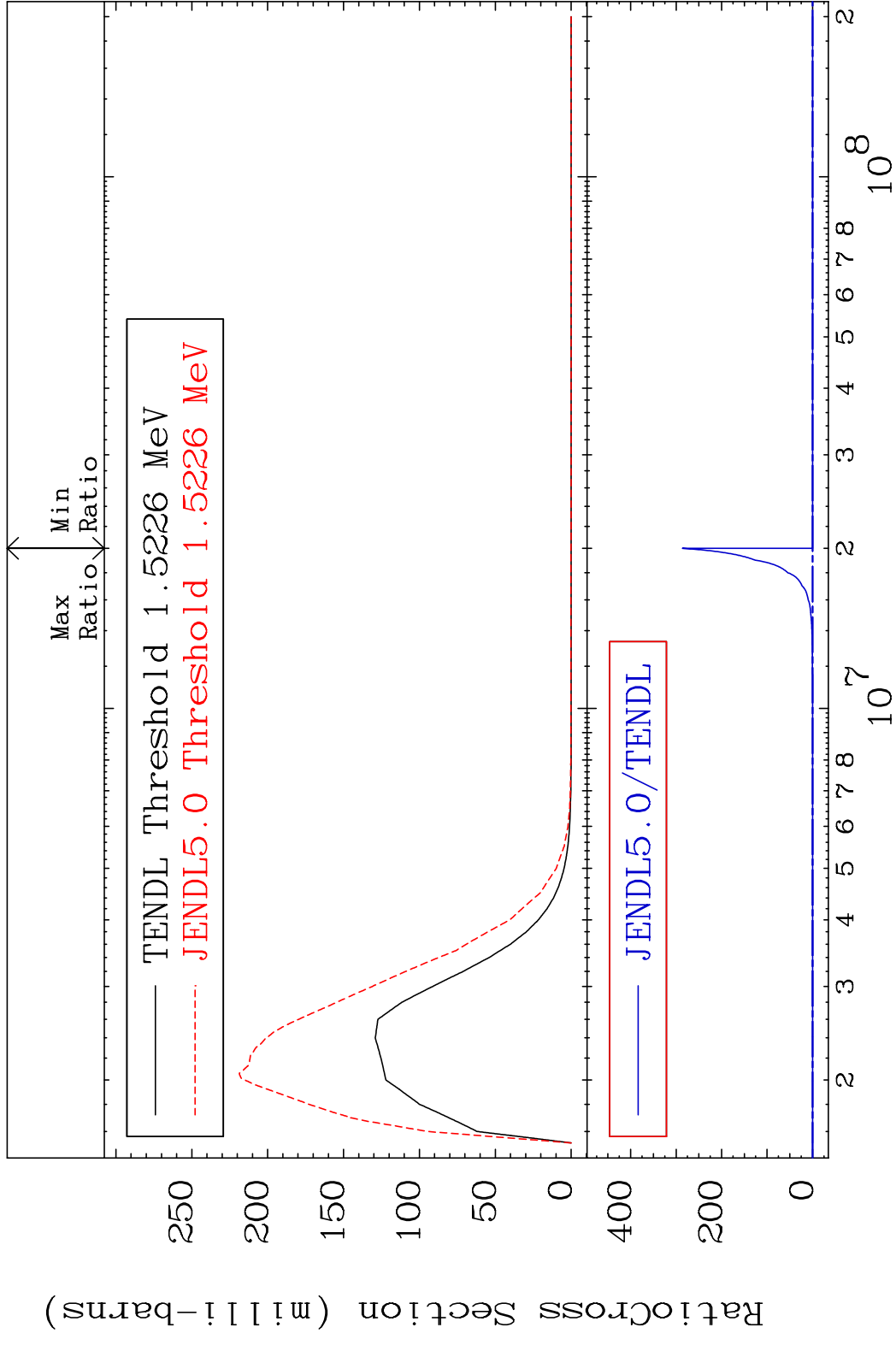


MAT 5631 MT= 54 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %

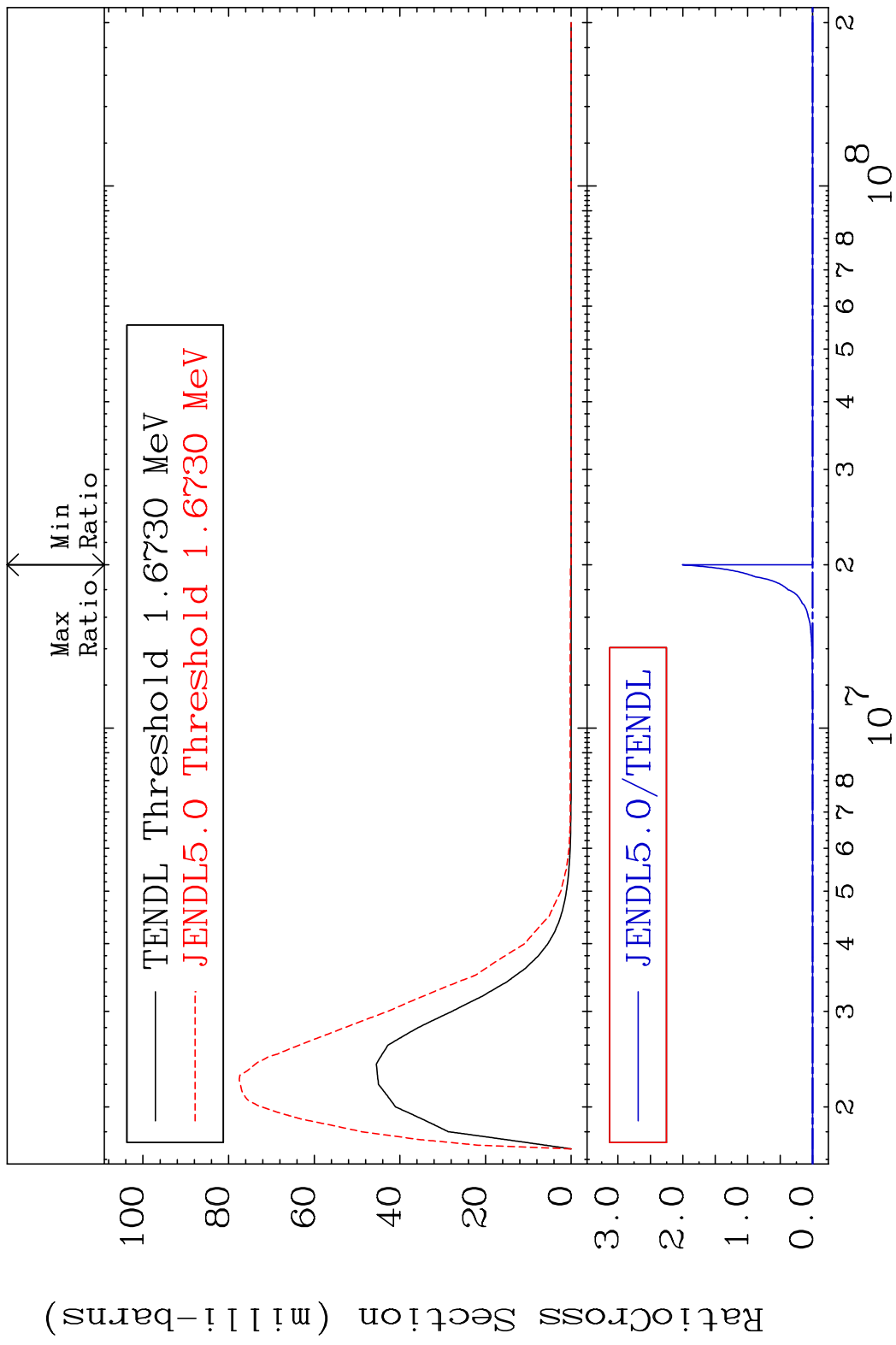


13 Incident Energy (eV) 56-Ba-132

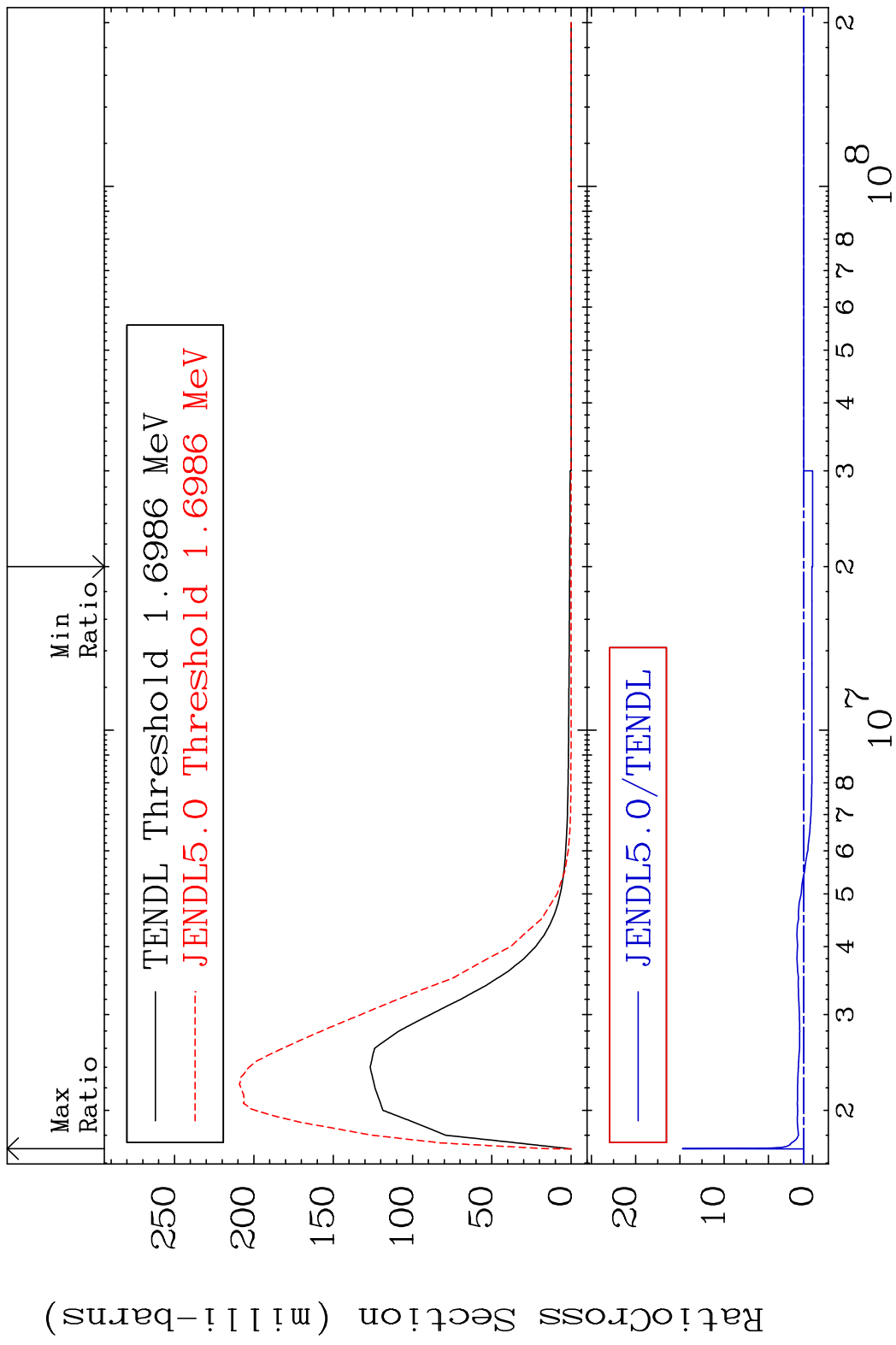
MAT 5631 MT= 55 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



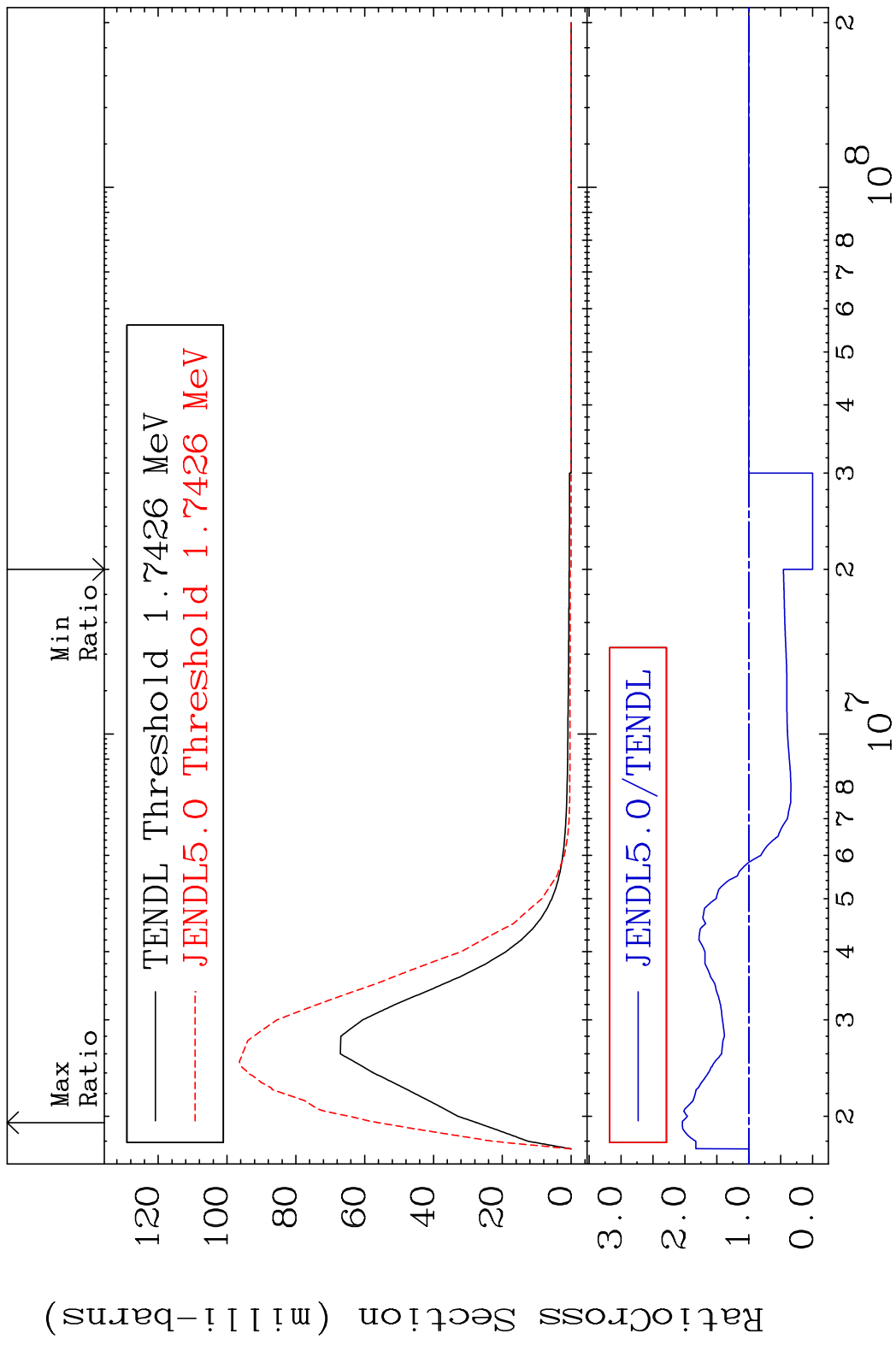
MAT 5631 MT= 56 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



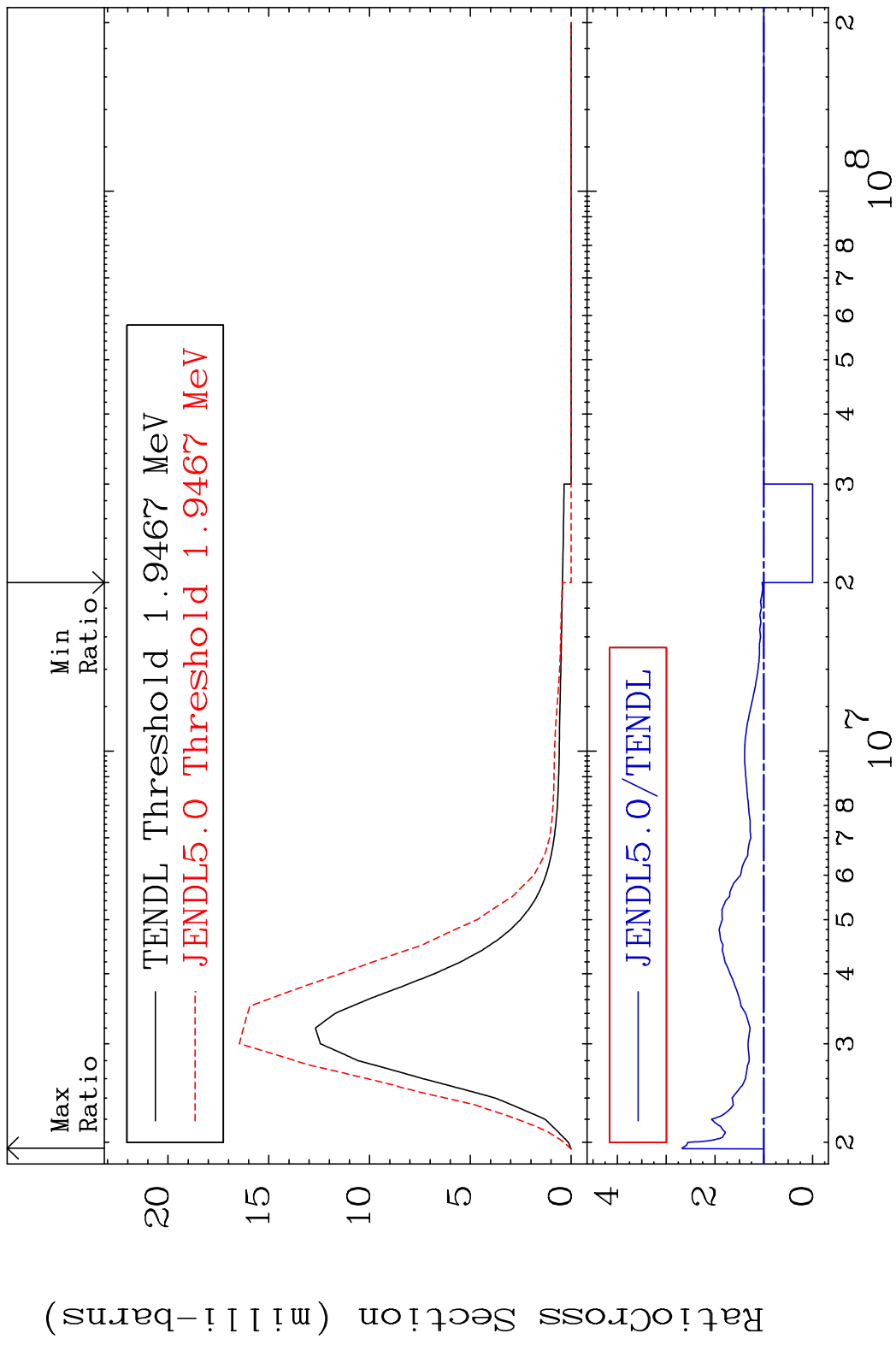
MAT 5631 MT= 57 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 1372. %



MAT 5631 MT= 58 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 103.9 %

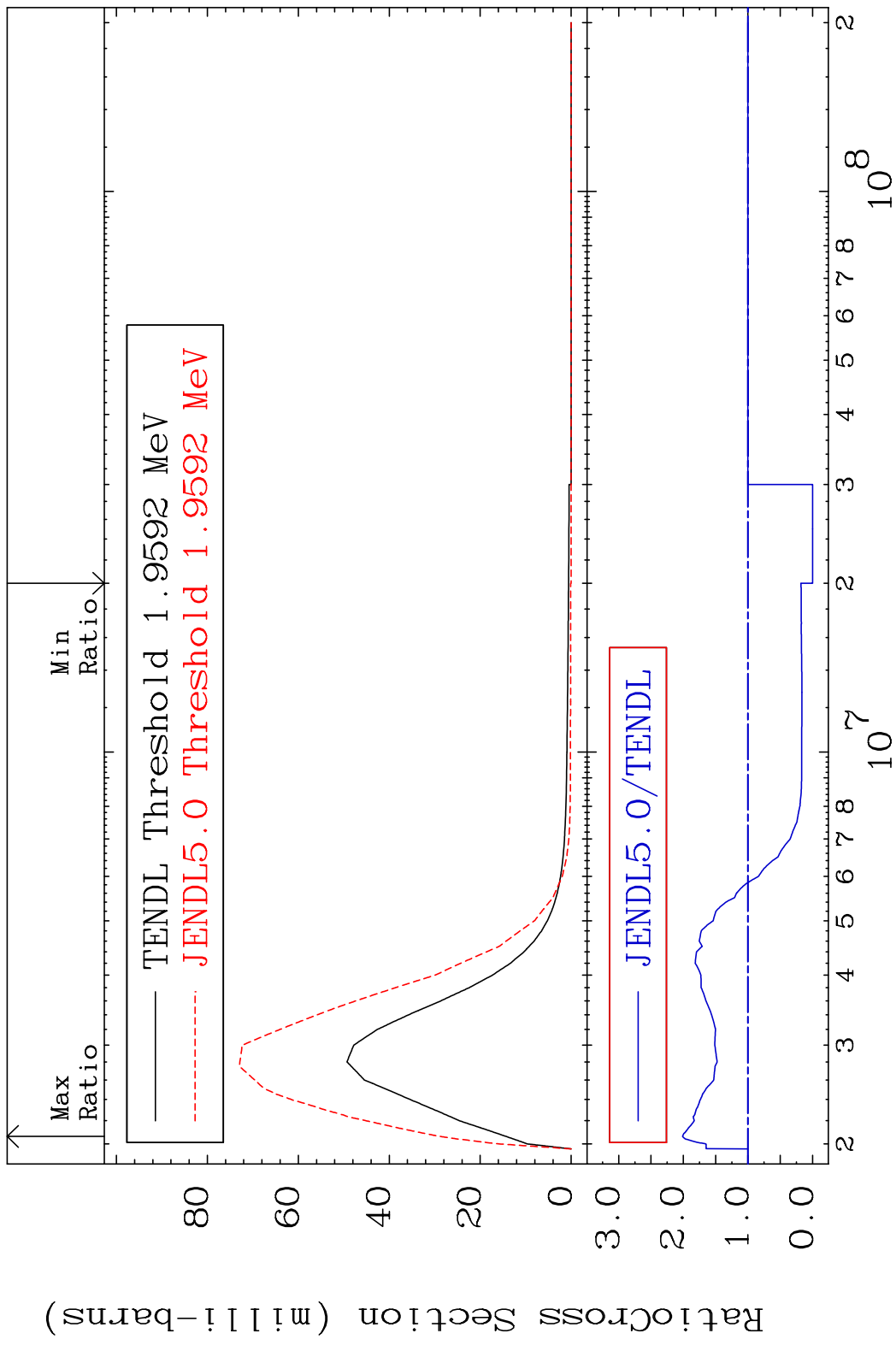


MAT 5631 MT= 59 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 166.7 %

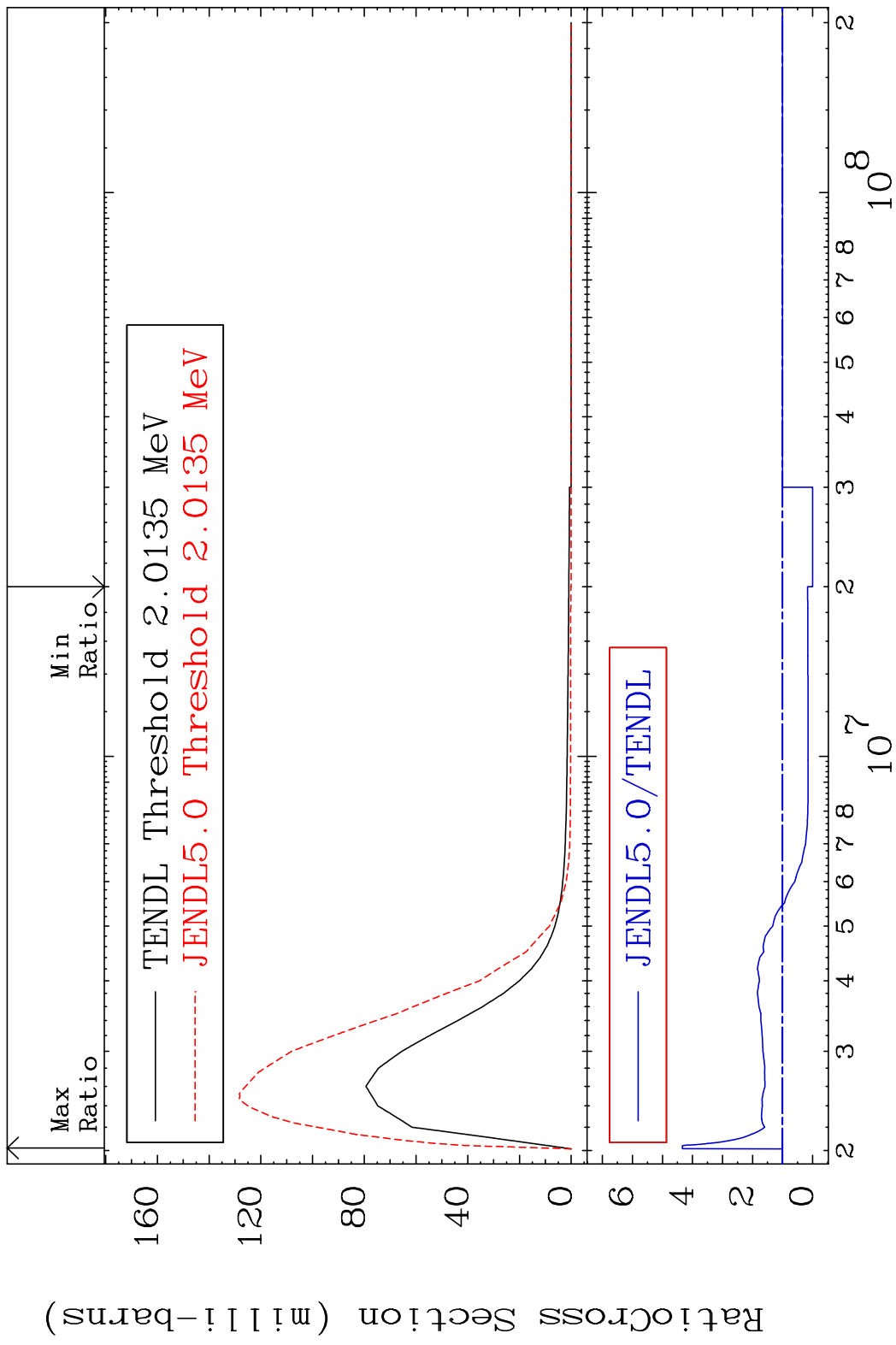


18 56-Ba-132

MAT 5631 MT= 60 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 101.5 %

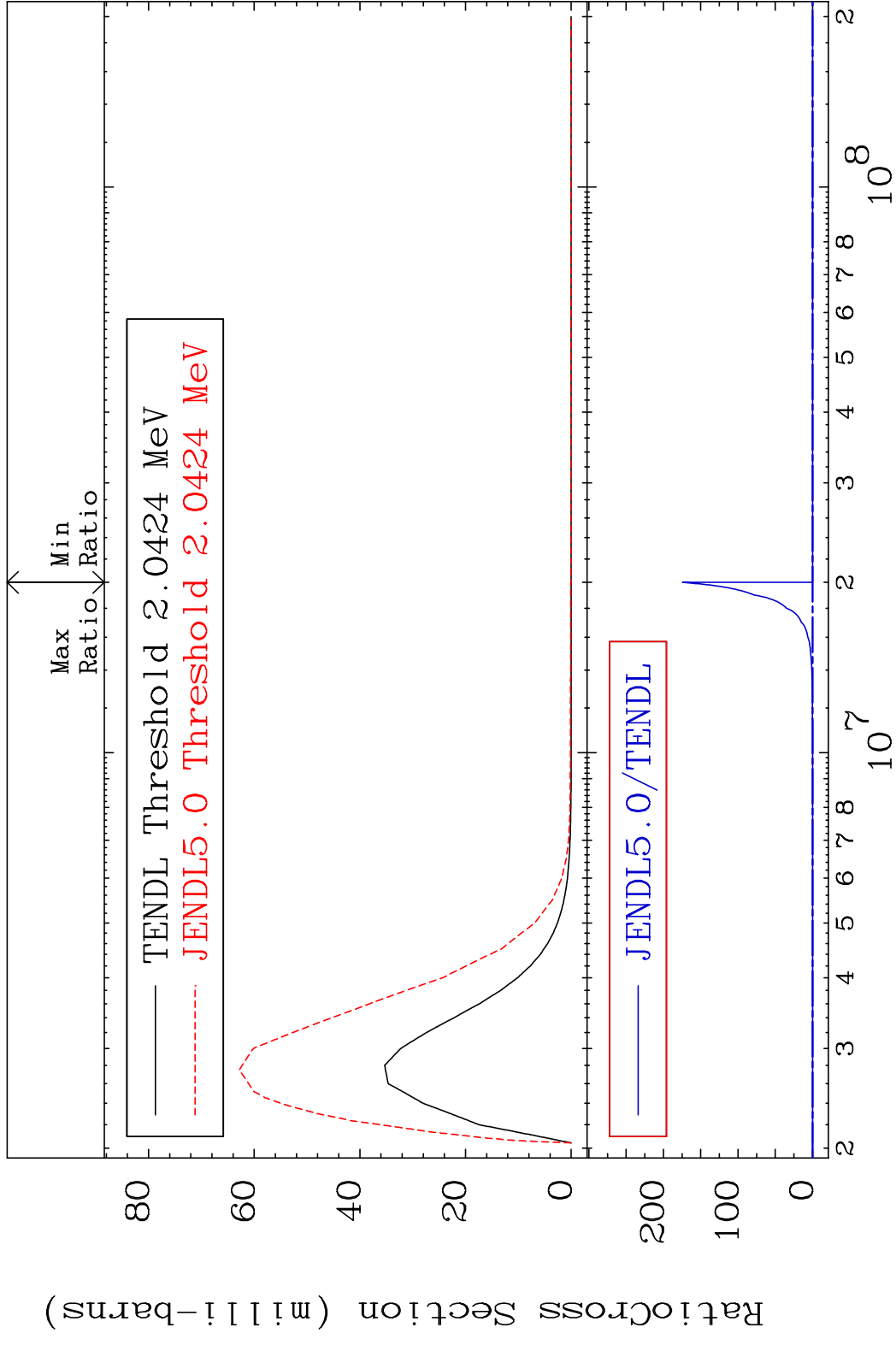


MAT 5631 MT= 61 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 333.7 %

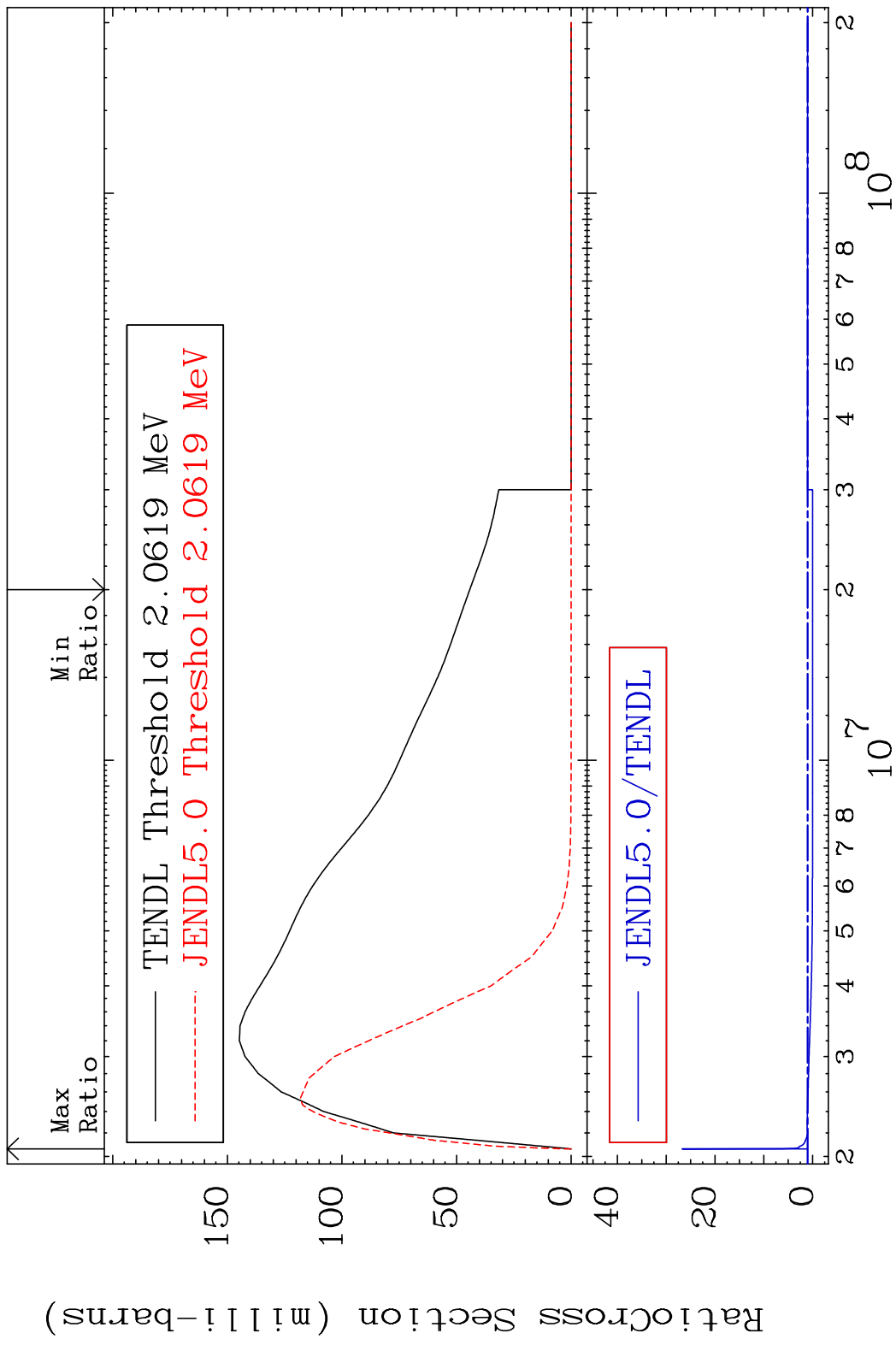


20 56-Ba-132

MAT 5631 MT= 62 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %

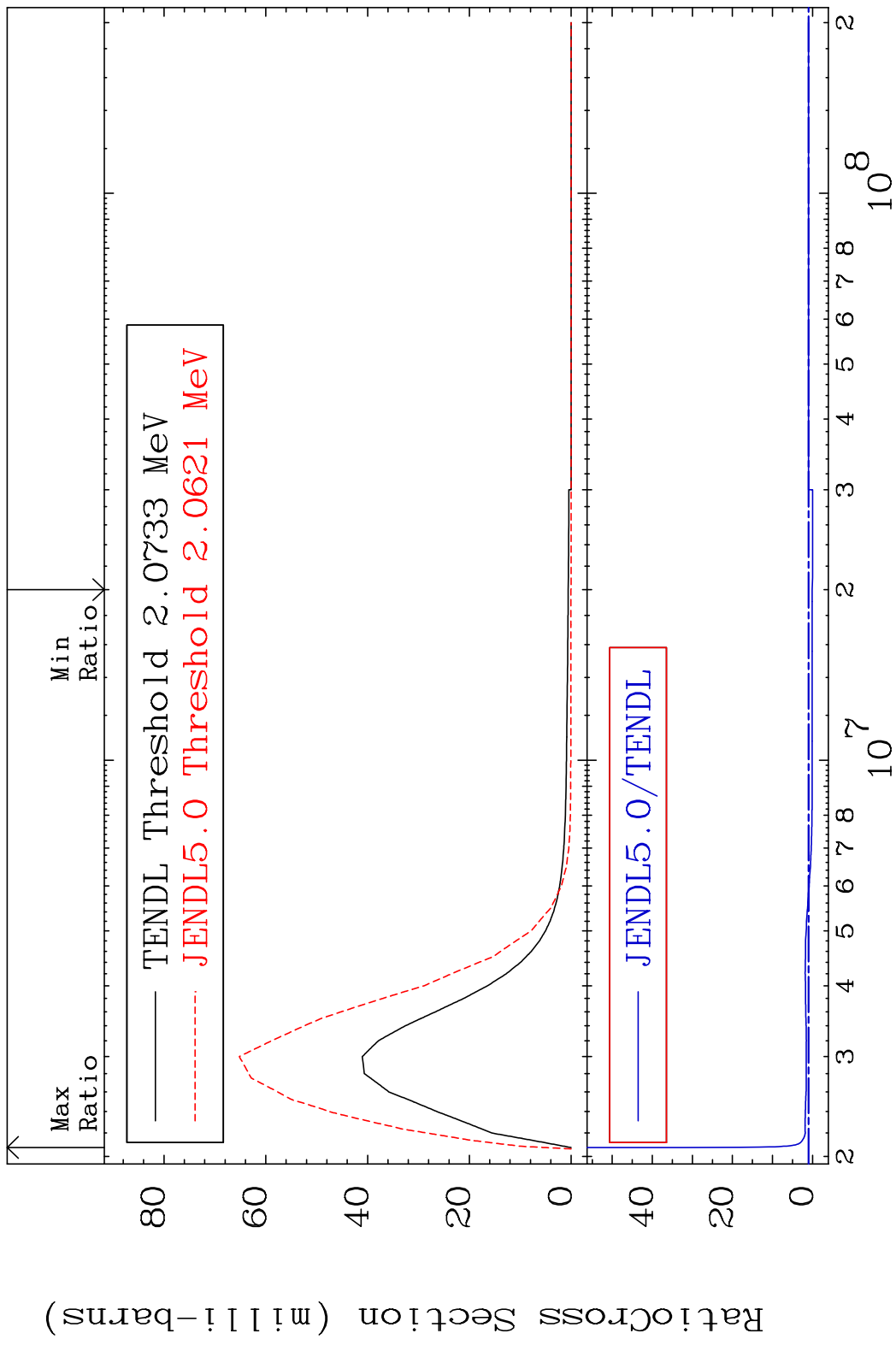


MAT 5631 MT= 63 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 2568. %

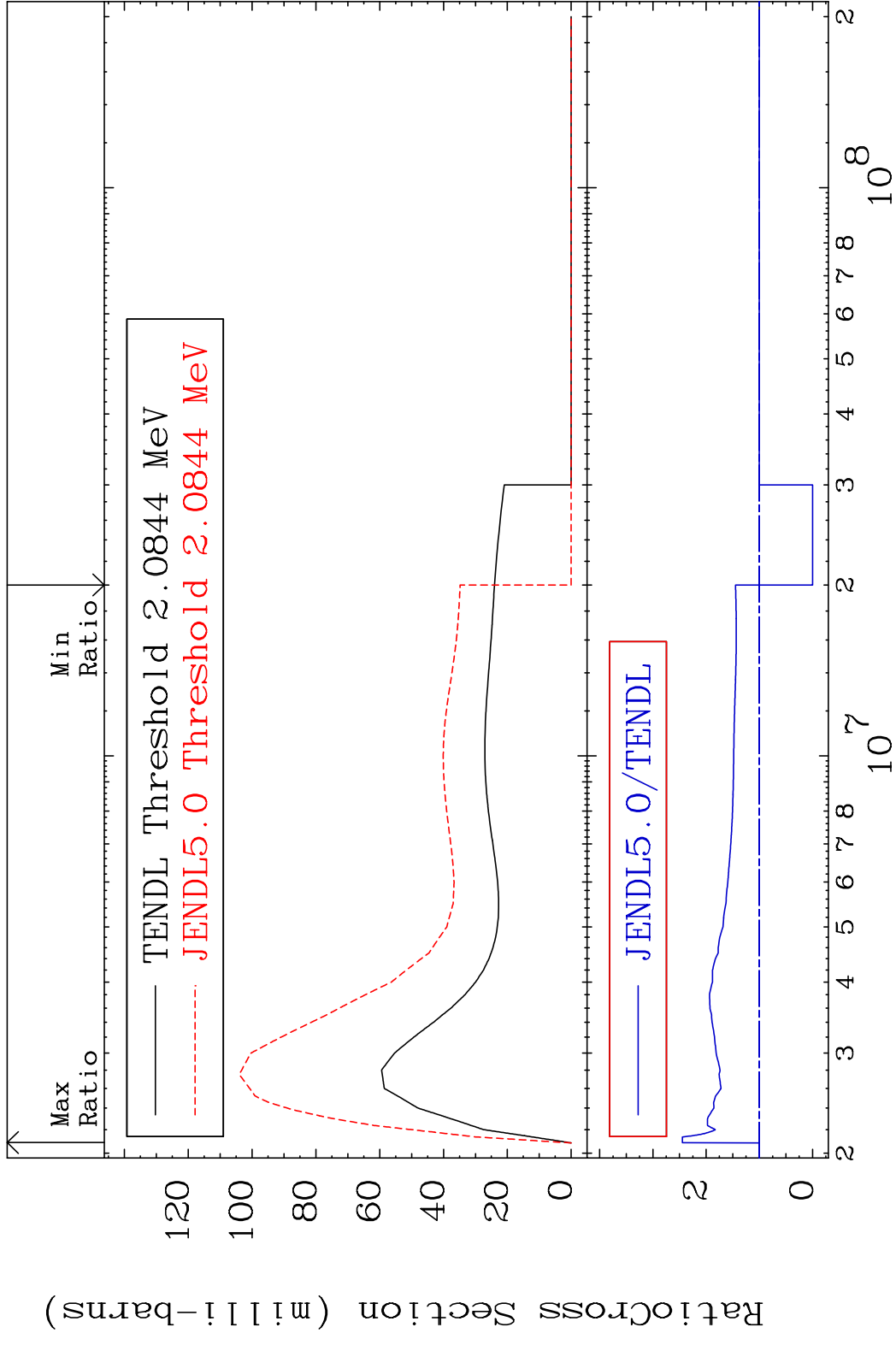


22 56-Ba-132

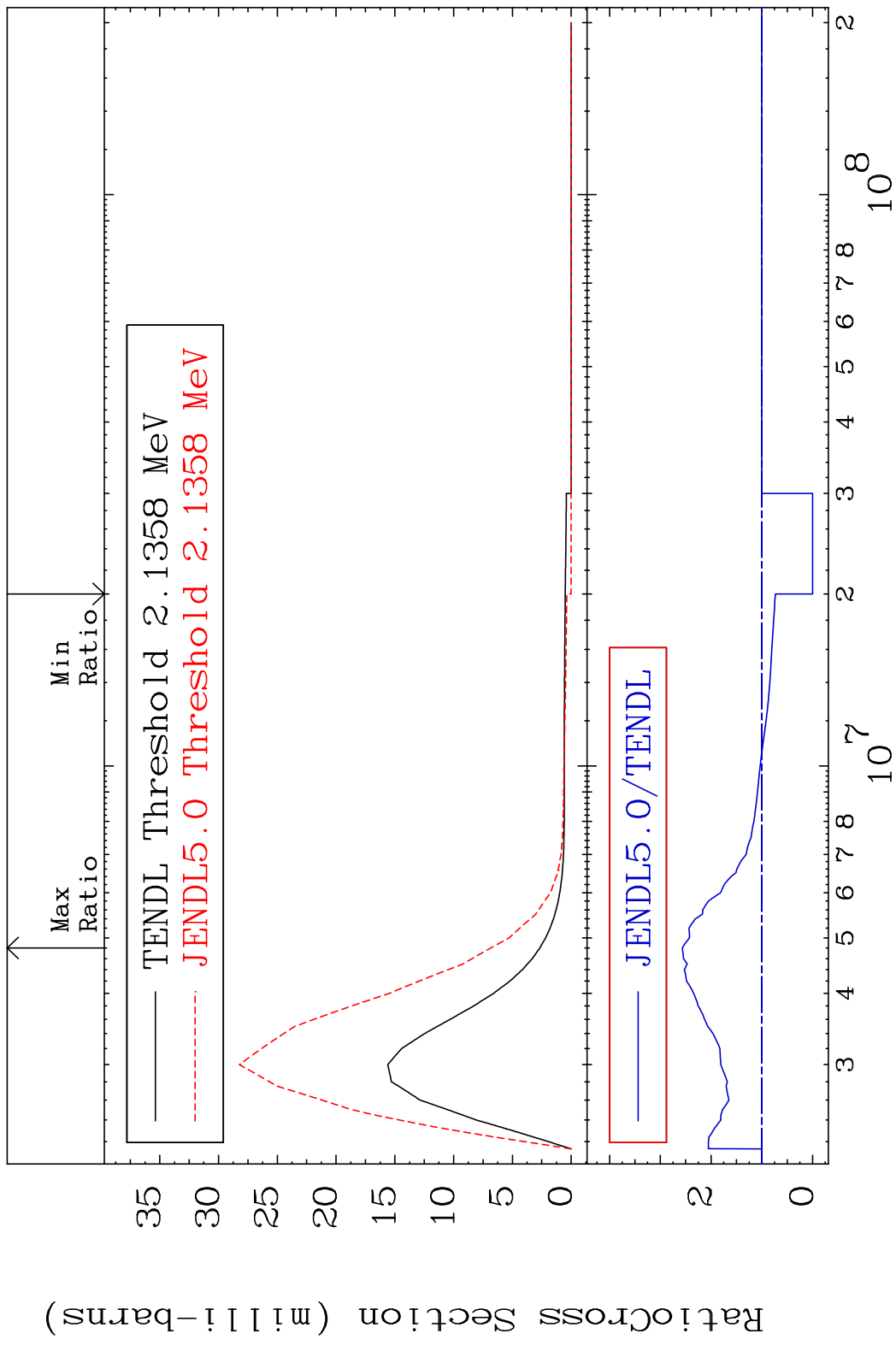
MAT 5631 MT= 64 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 3150. %



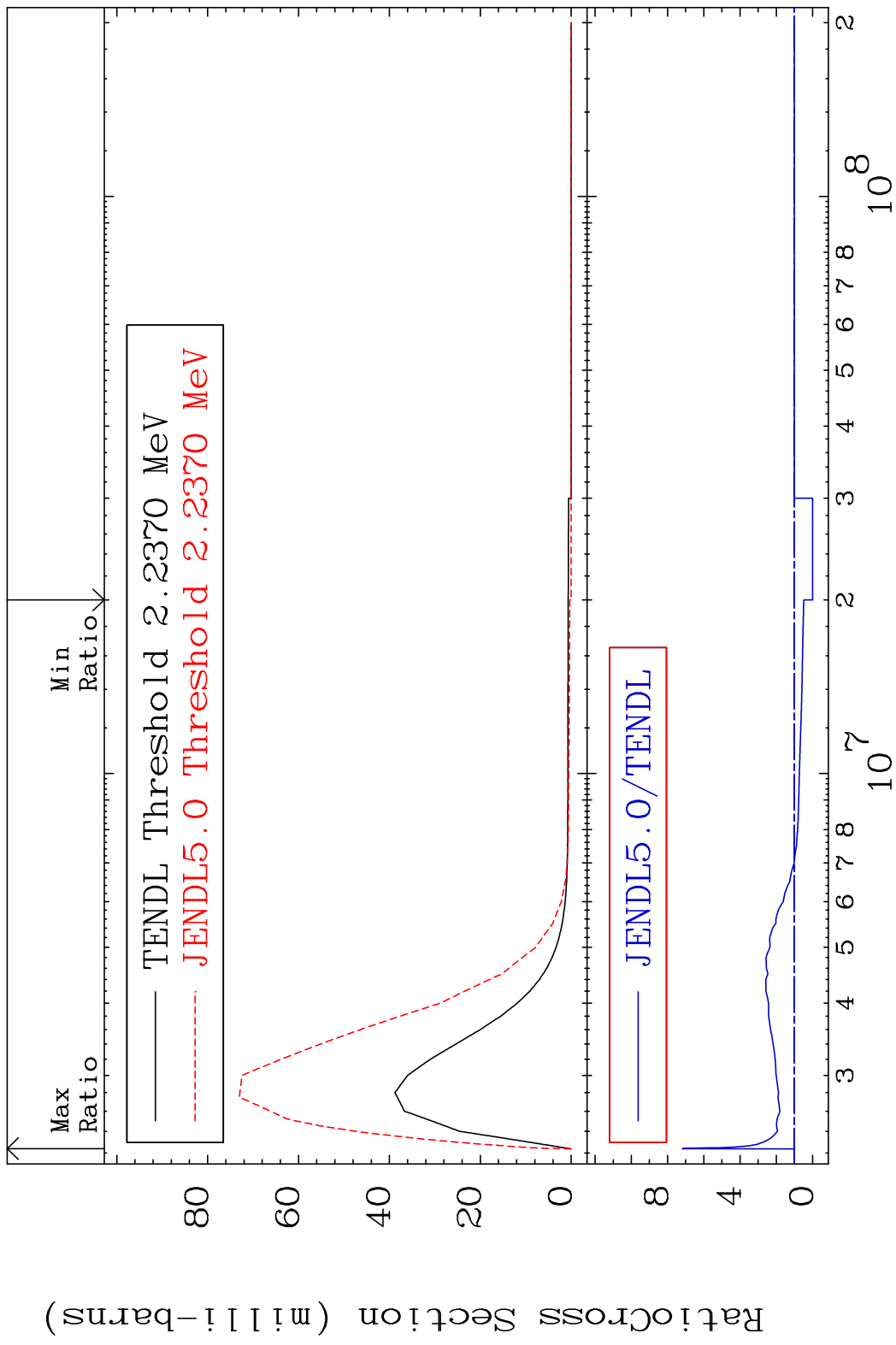
MAT 5631 MT= 65 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 144.6 %



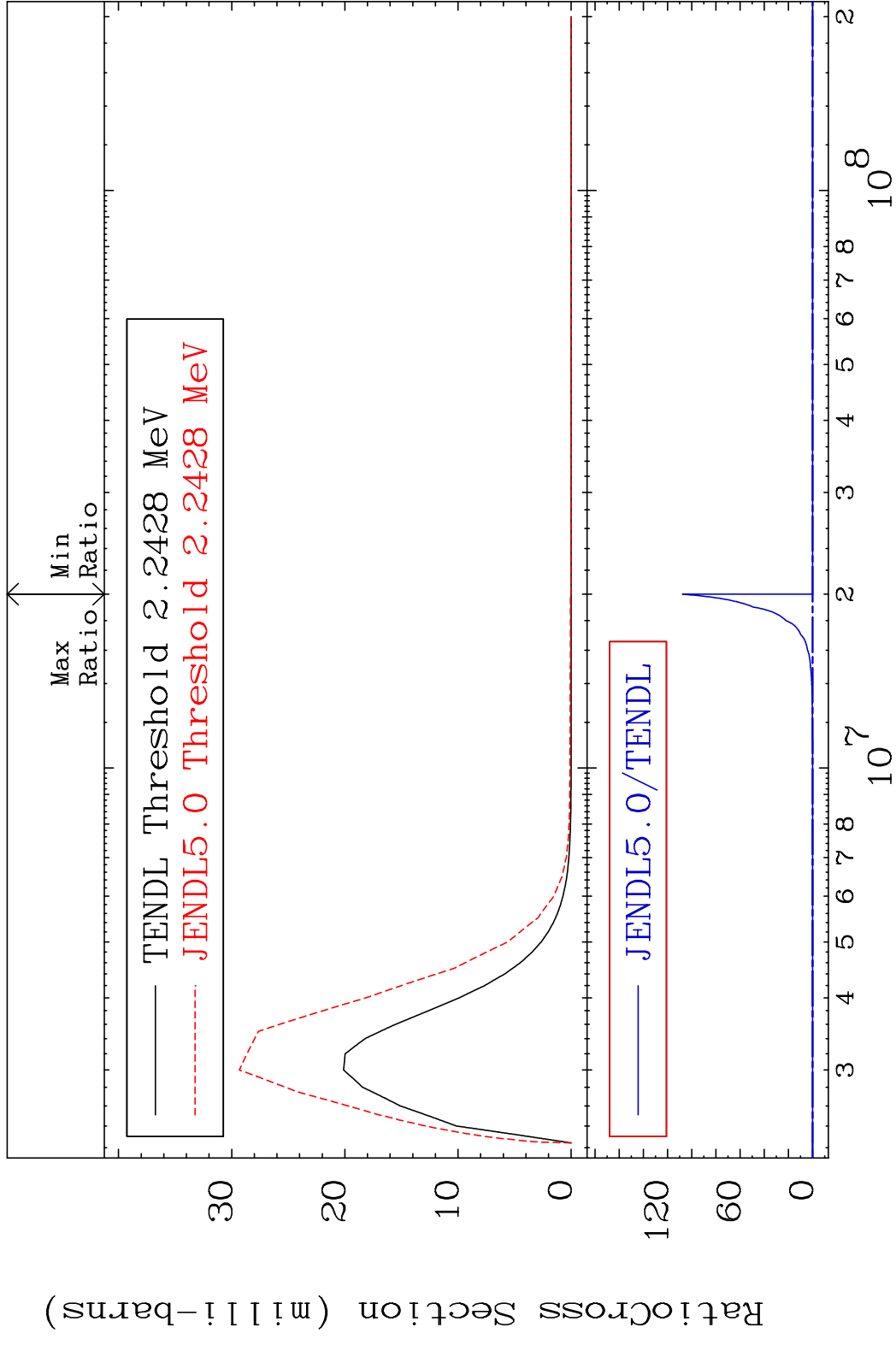
MAT 5631 MT= 66 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 156.5 %



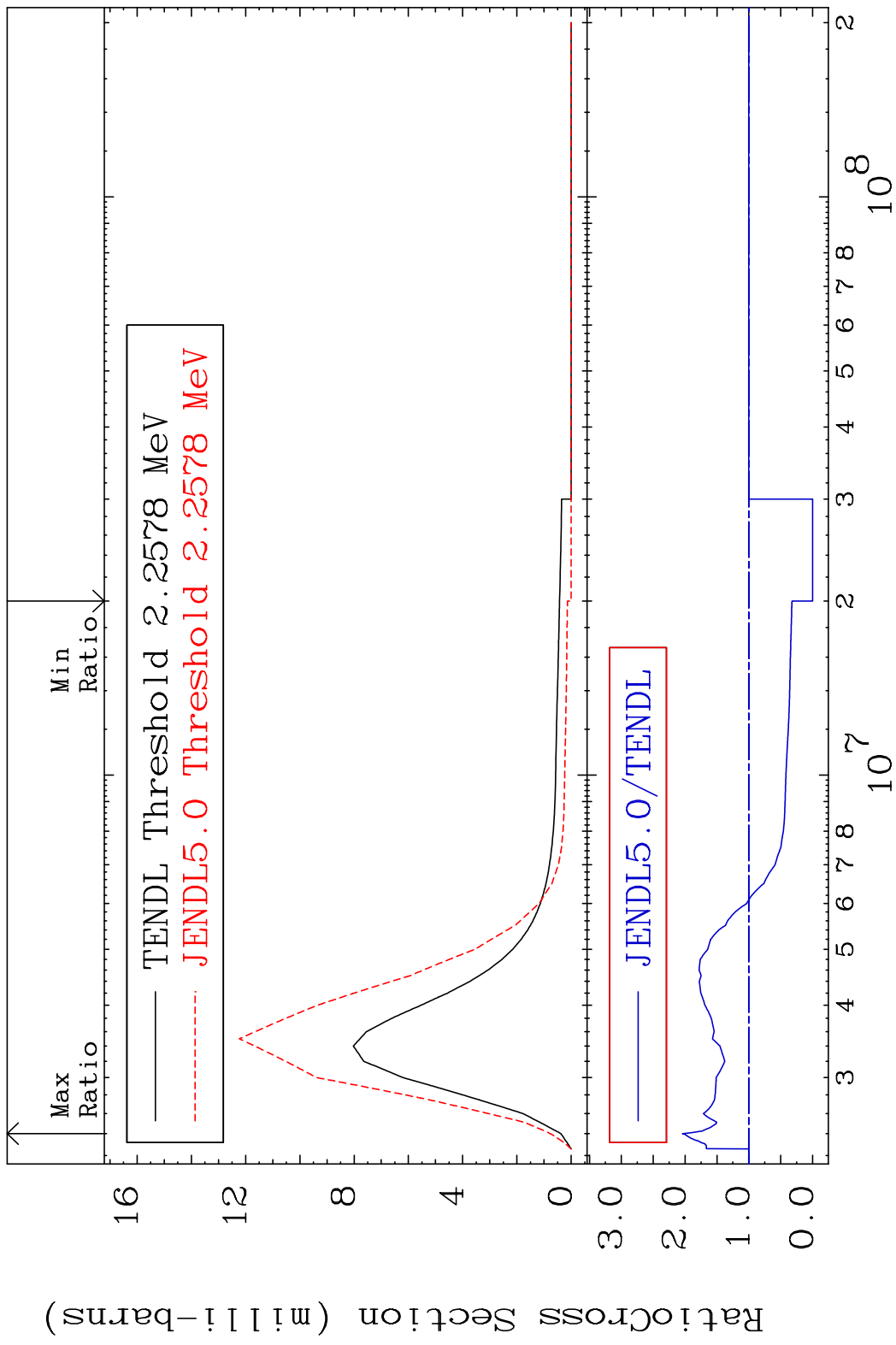
MAT 5631 MT= 67 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 618.4 %



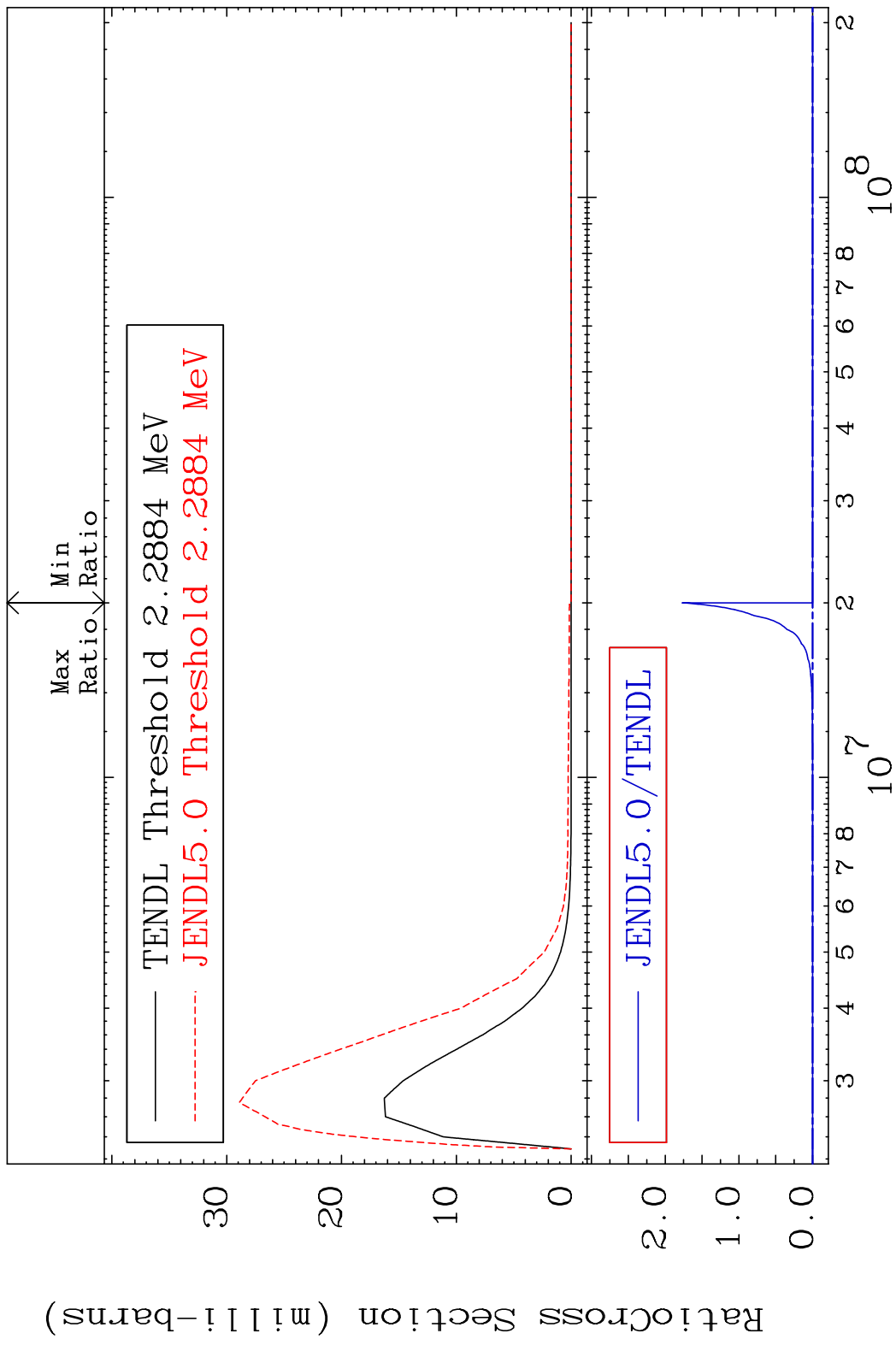
MAT 5631 MT= 68 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



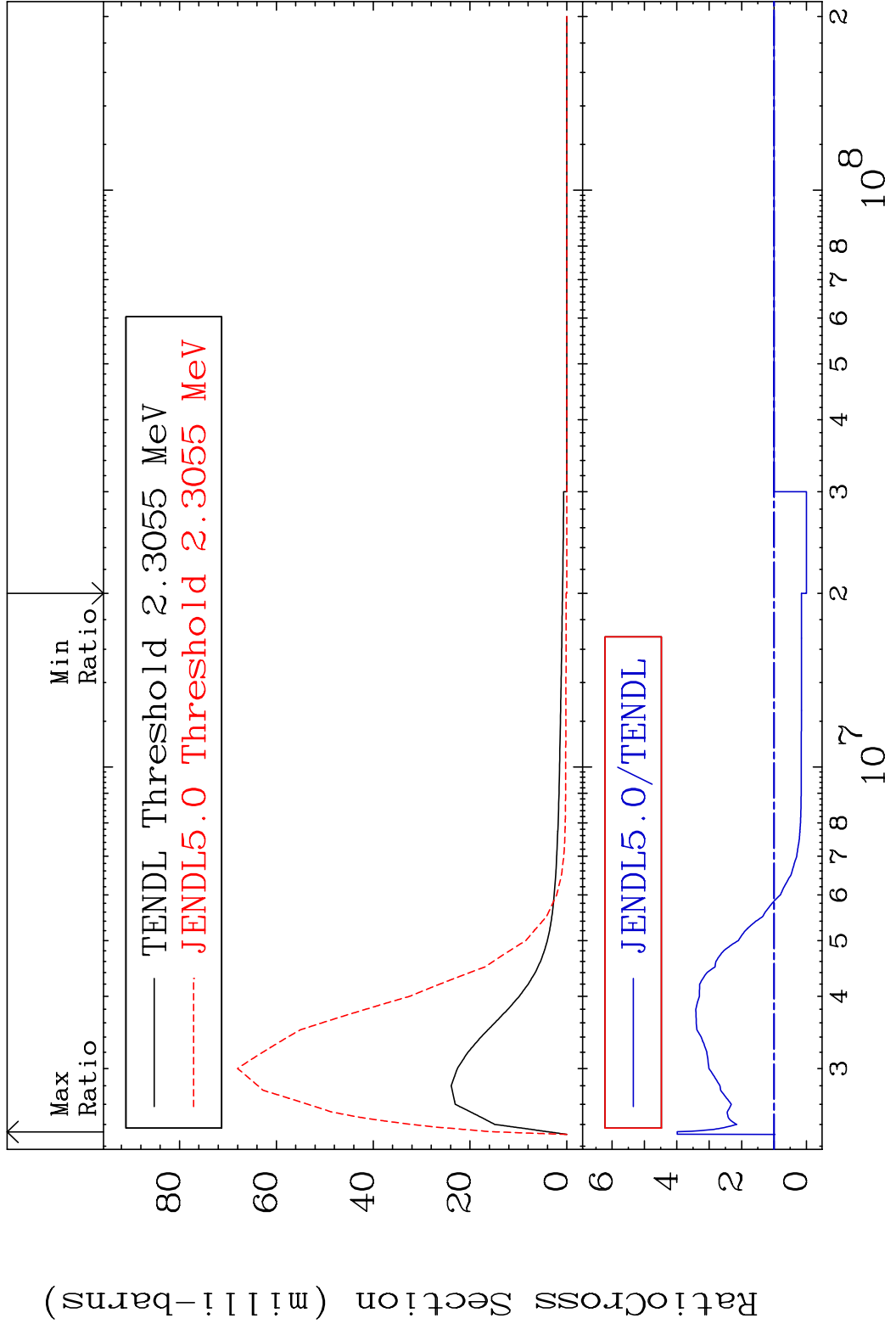
MAT 5631 MT= 69 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 104.3 %



MAT 5631 MT= 70 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %

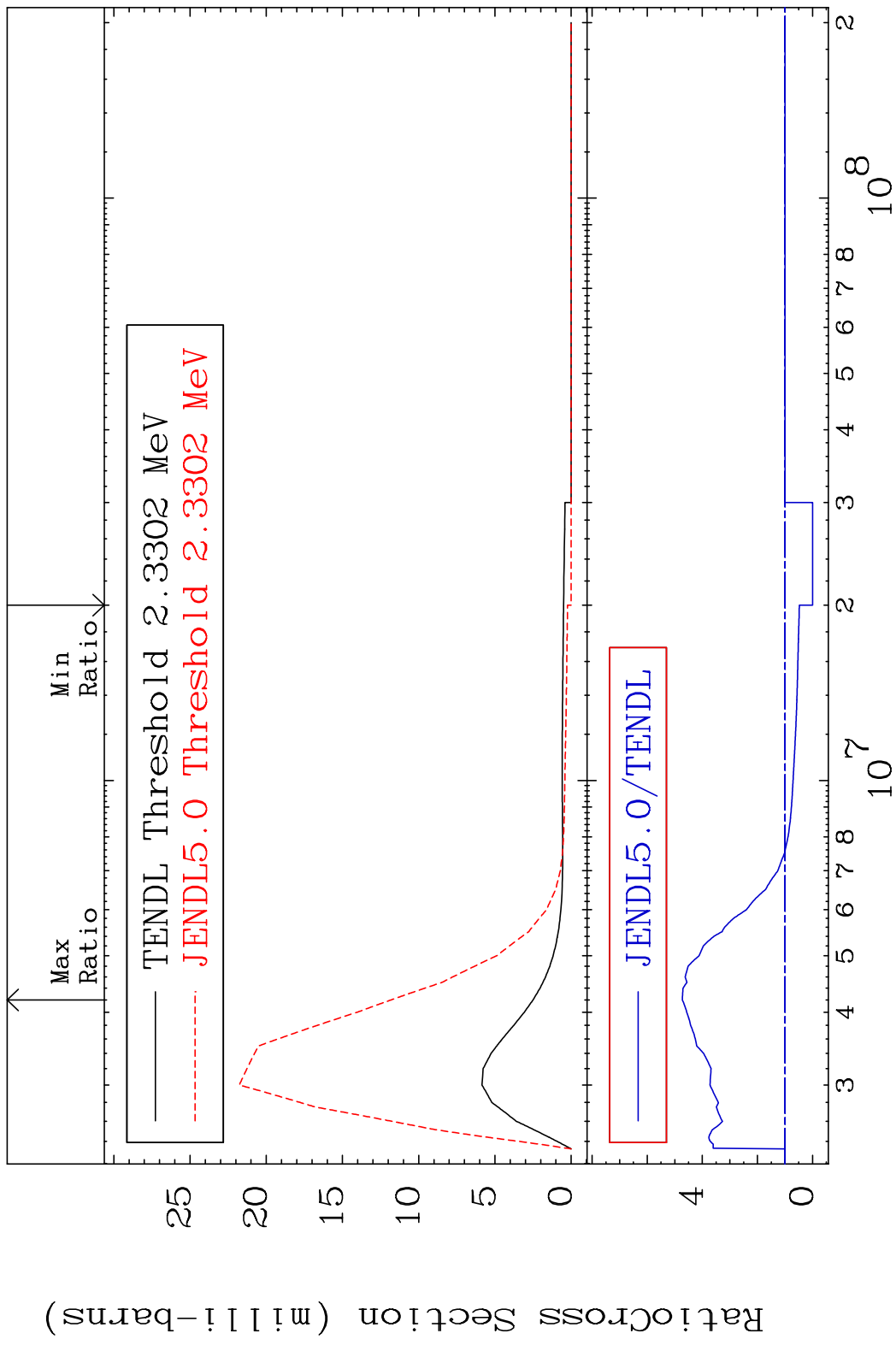


MAT 5631 MT= 71 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 298.9 %

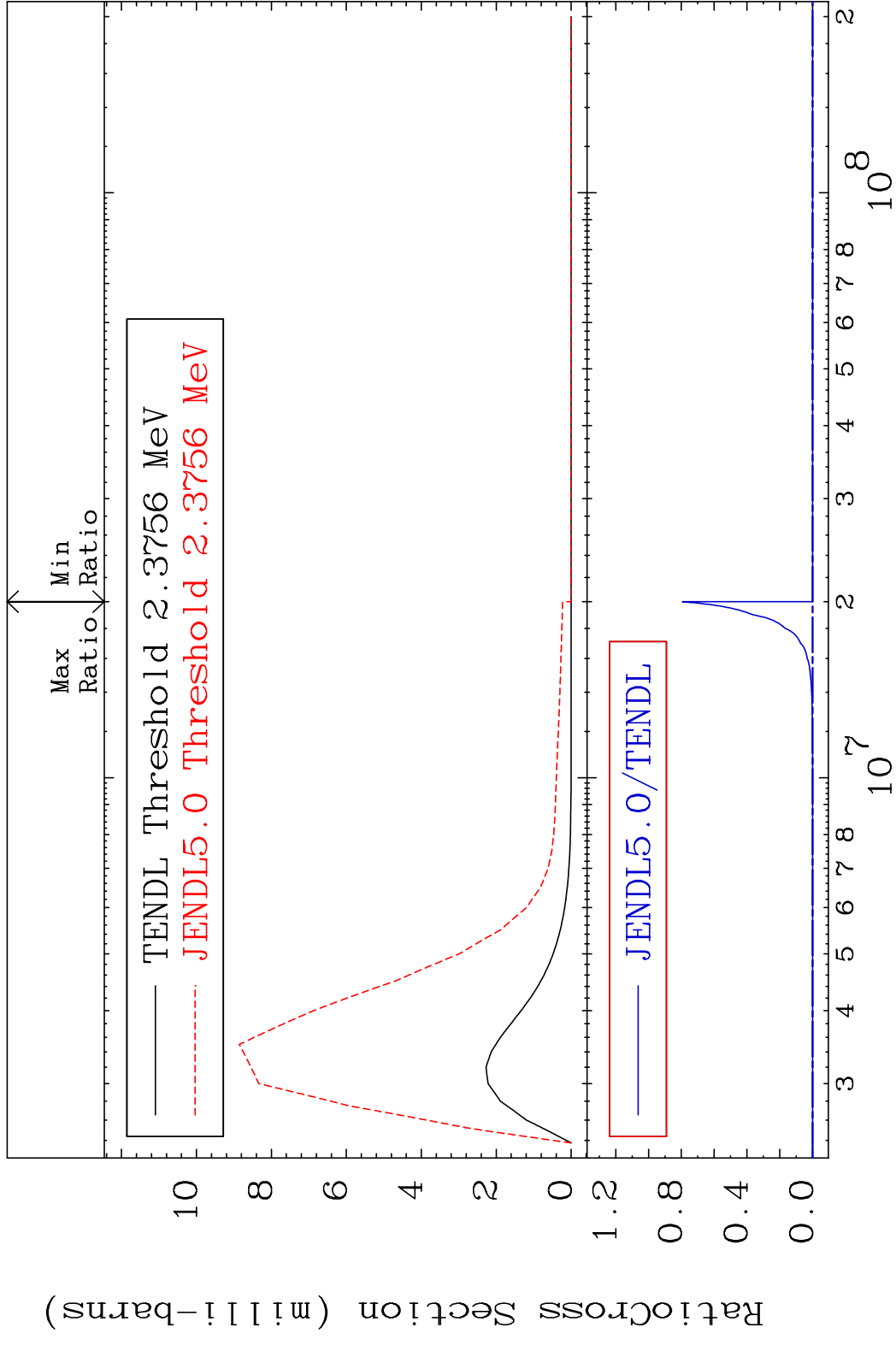


30 Incident Energy (eV) 56-Ba-132

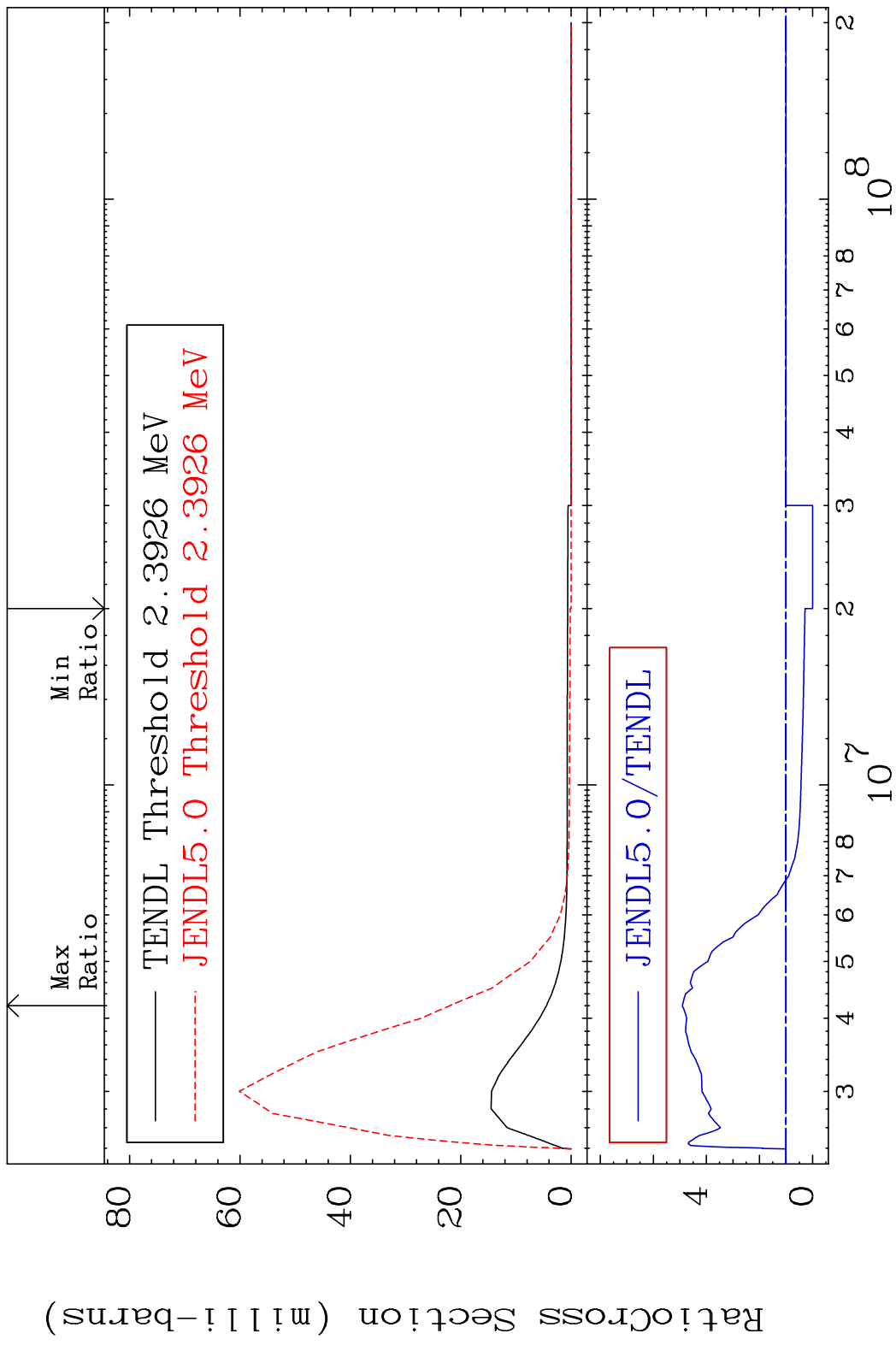
MAT 5631 MT= 72 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 372.5 %



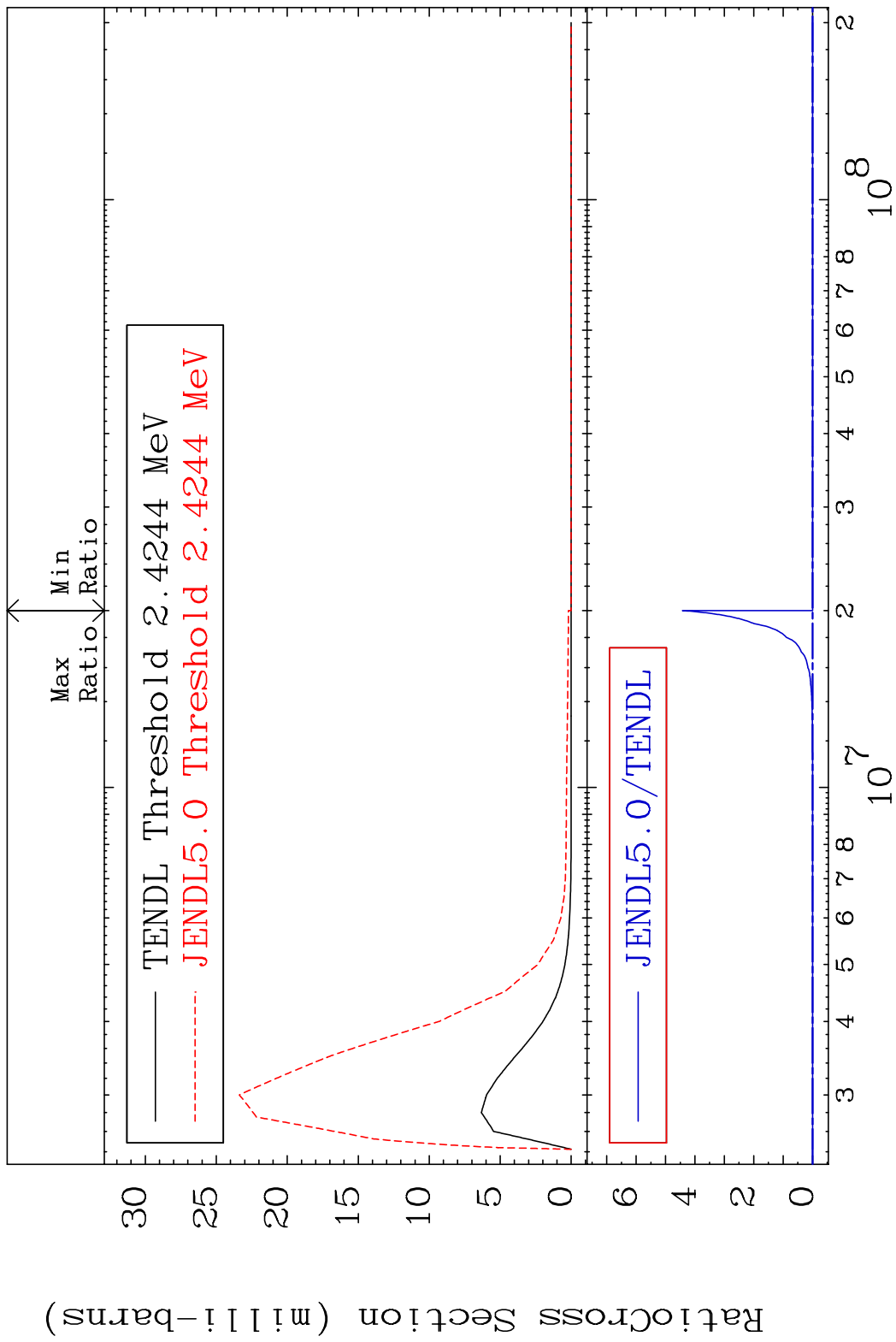
MAT 5631 MT= 73 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



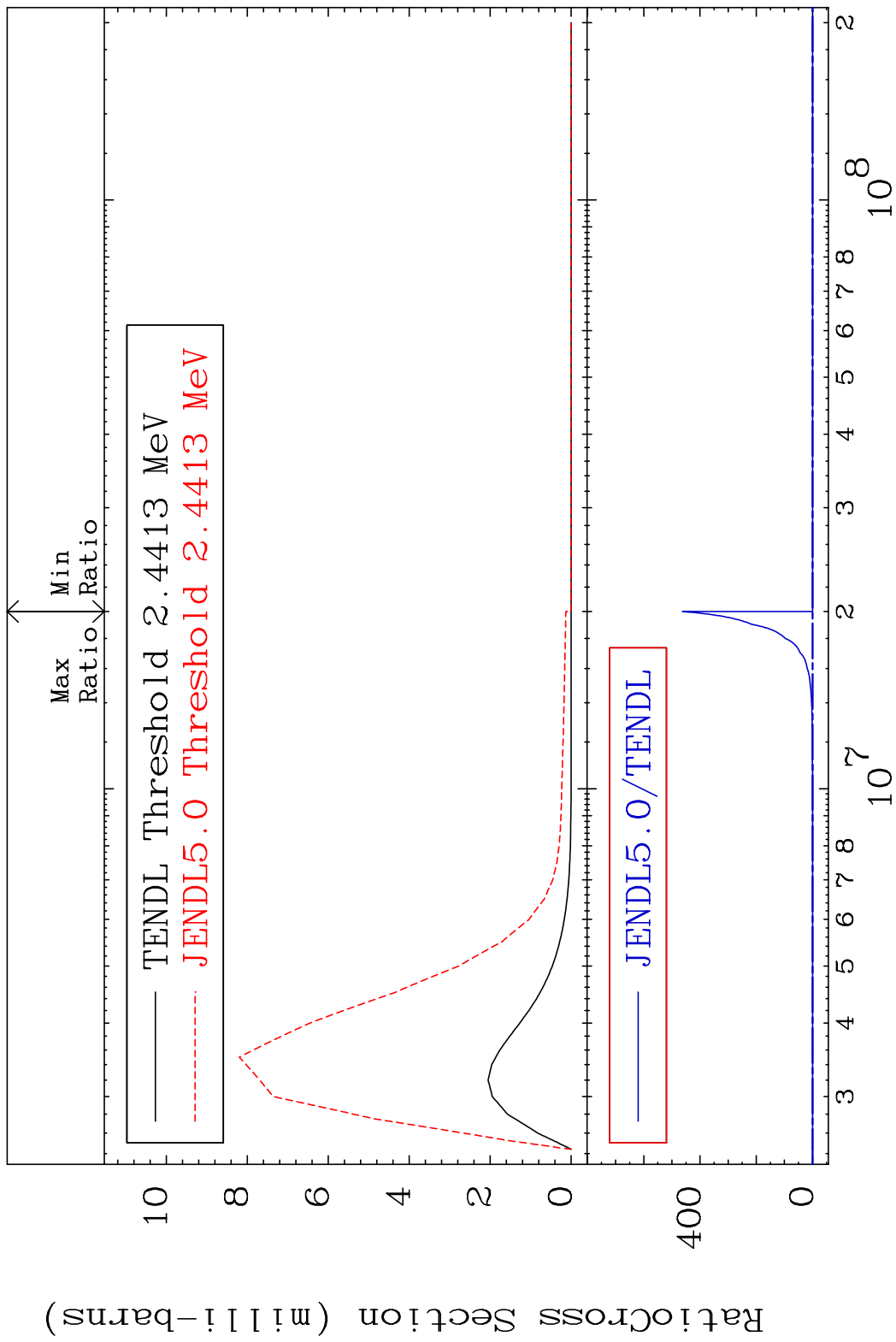
MAT 5631 MT= 74 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 390.6 %



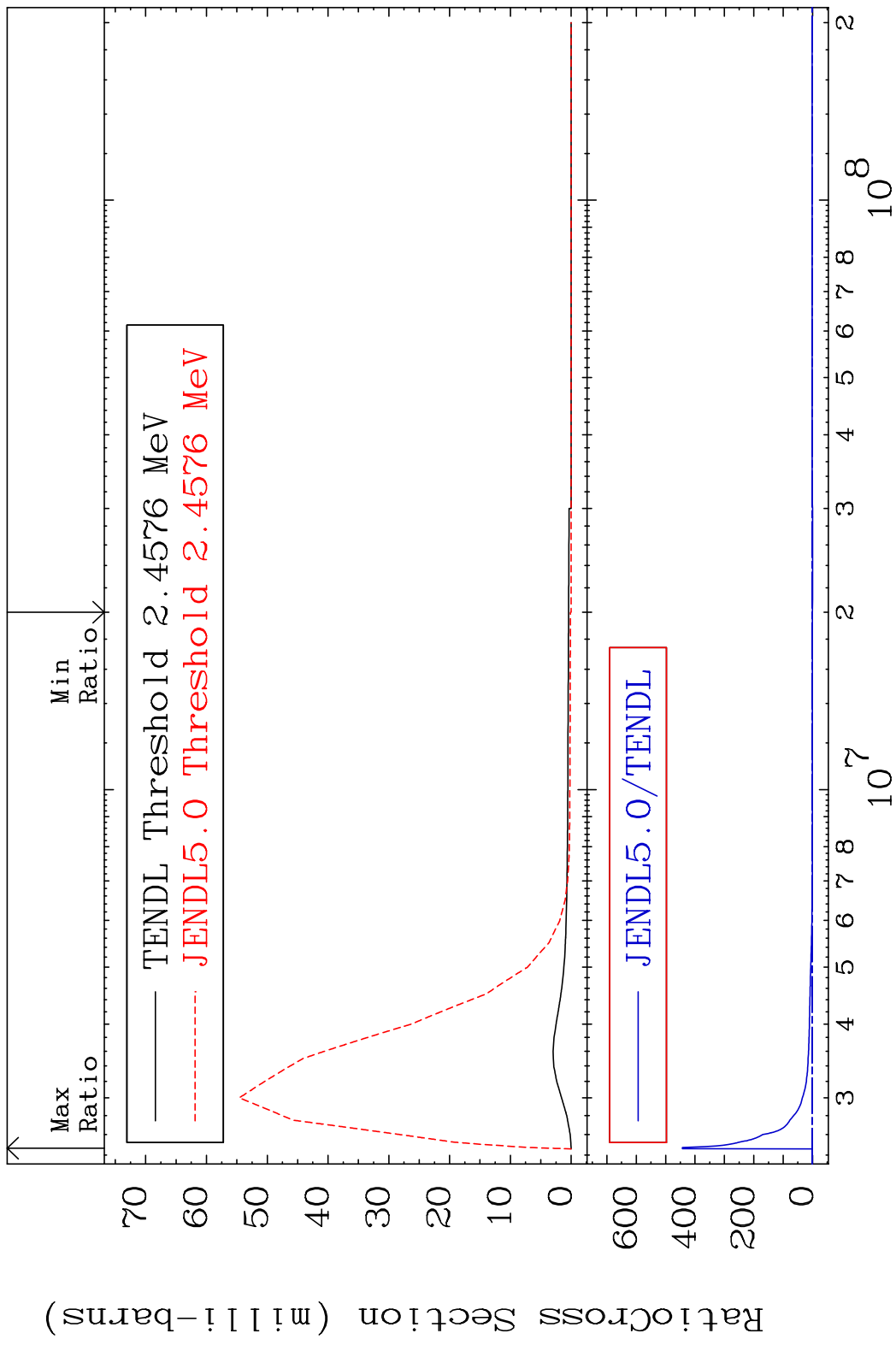
MAT 5631 MT= 75 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



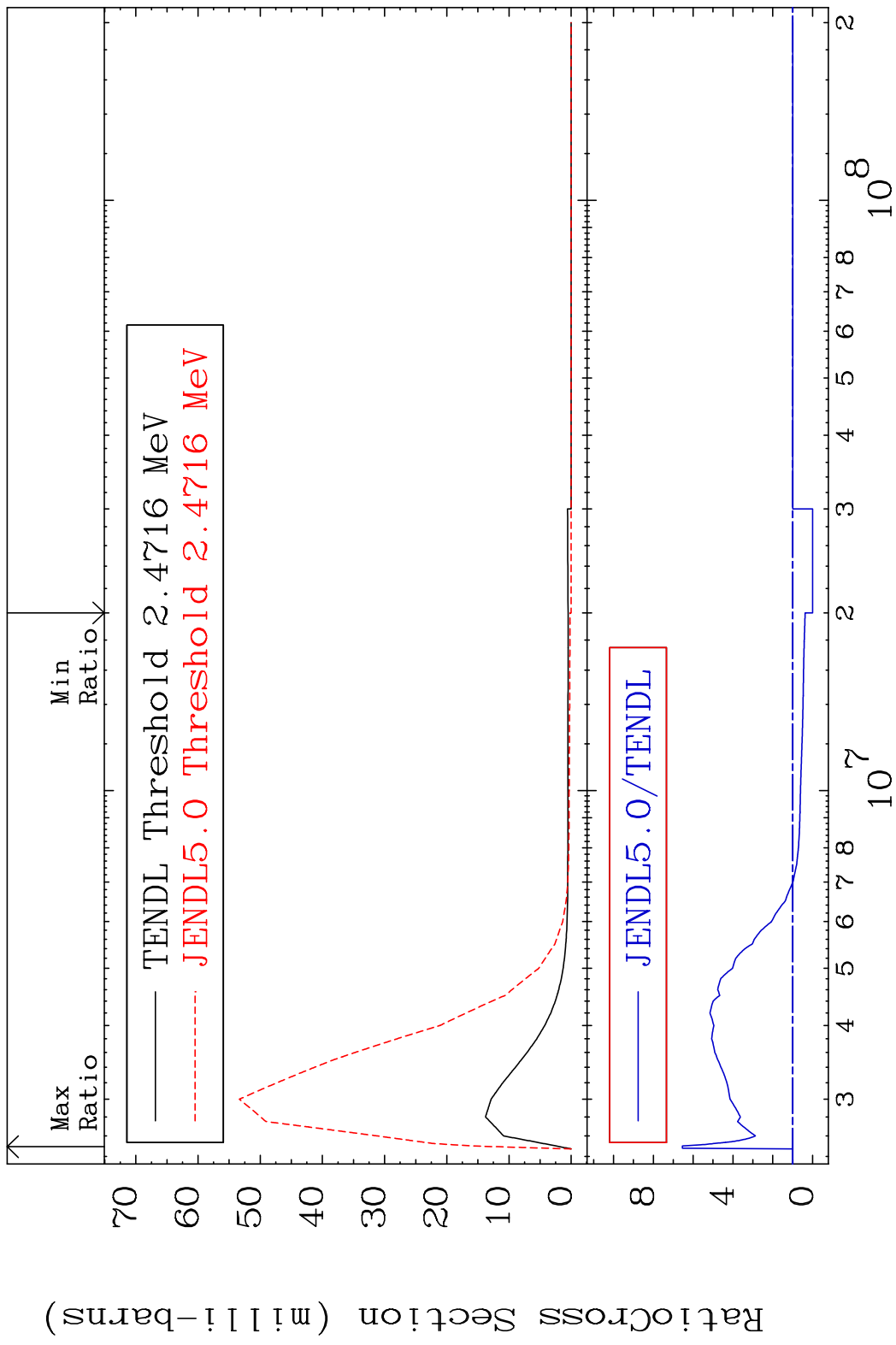
MAT 5631 MT= 76 (n, n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



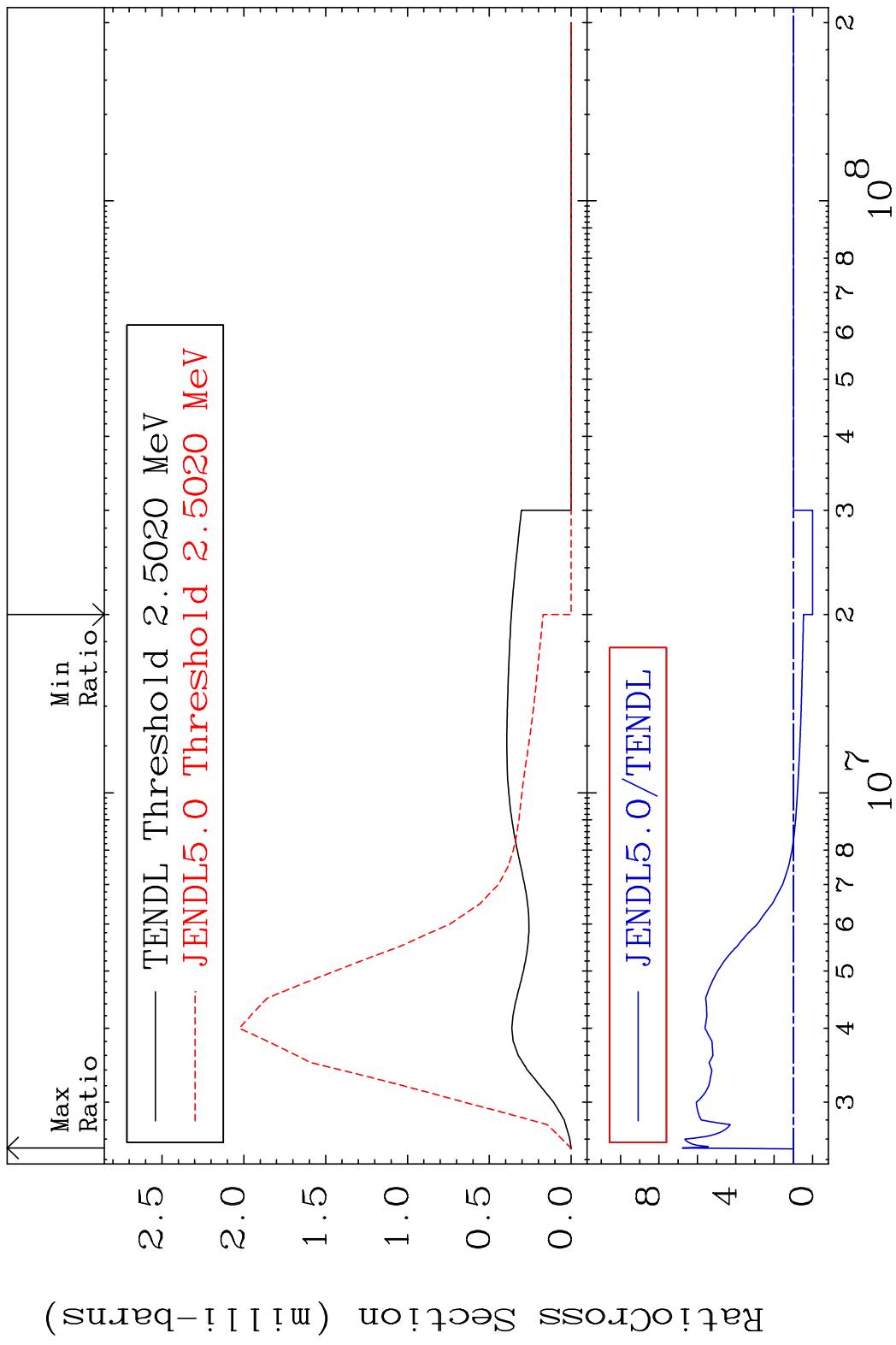
MAT 5631 MT= 77 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 9999. %



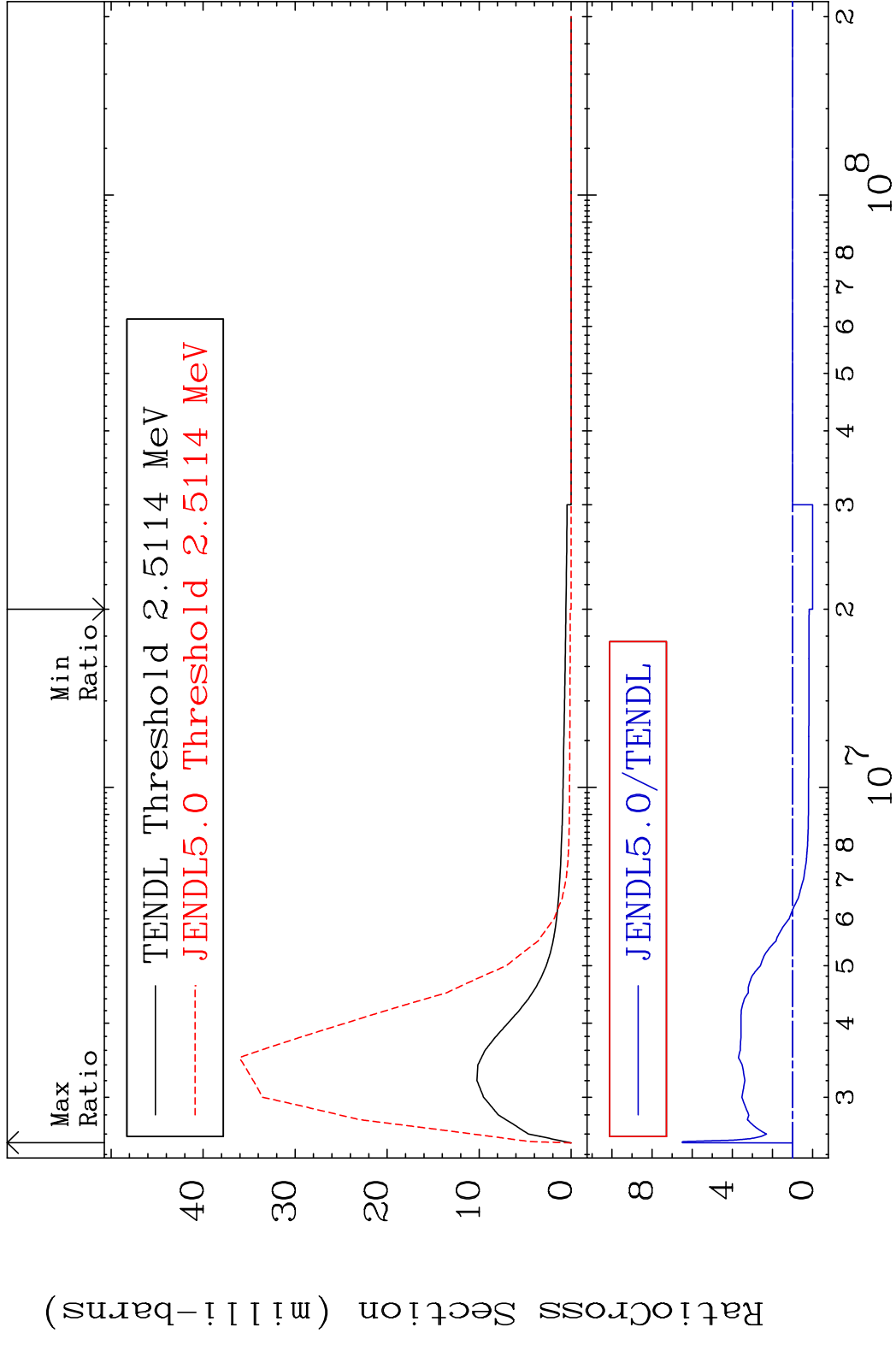
MAT 5631 MT= 78 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 554.2 %



MAT 5631 MT= 79 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 578.0 %



MAT 5631 MT= 80 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 549.3 %

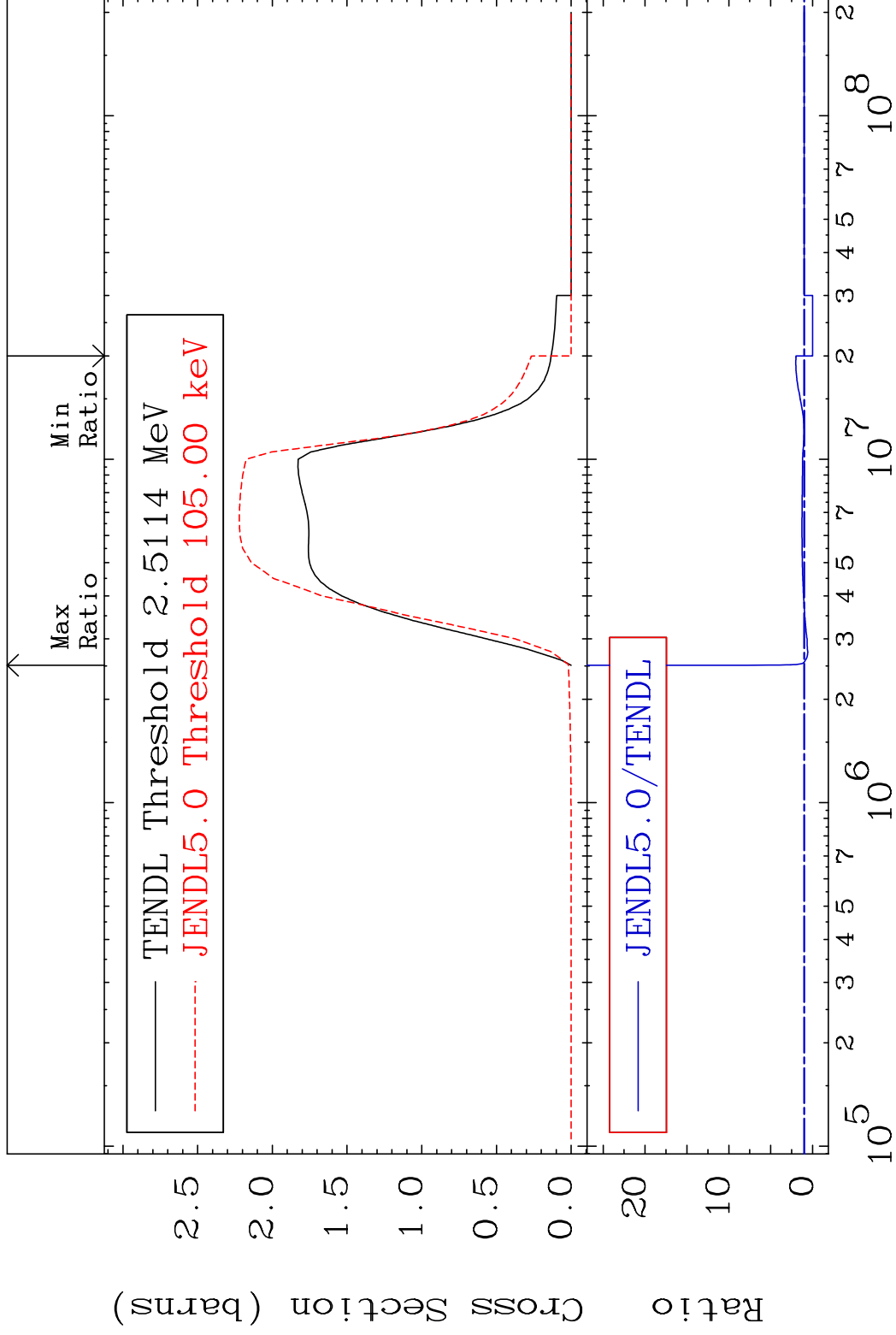


MAT 5631

(n, n') Continuum

56-Ba-132

Cross Section -100.0 To 1455. %



40

Incident Energy (eV)

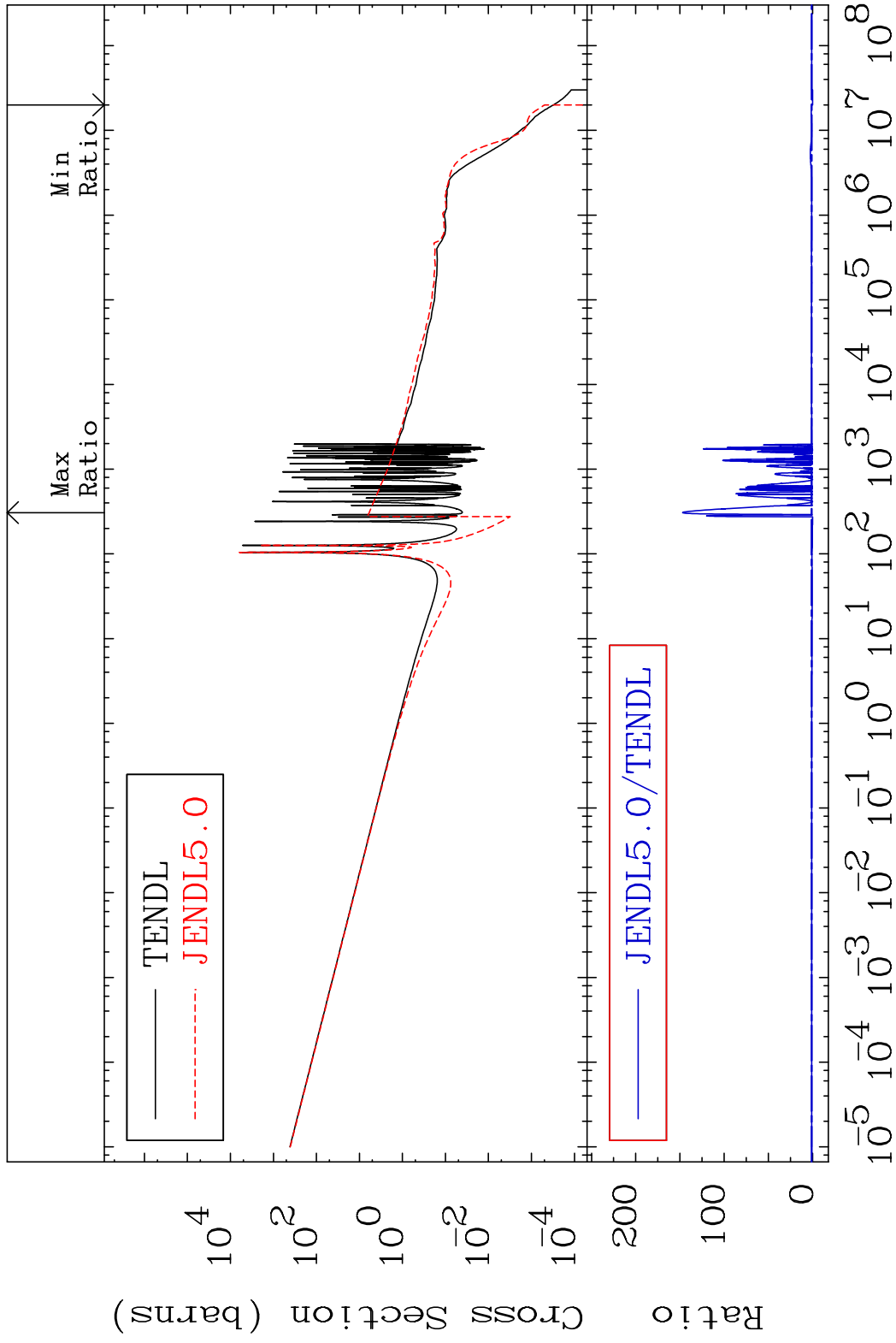
56-Ba-132

MAT 5631

(n, γ)

56-Ba-132

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

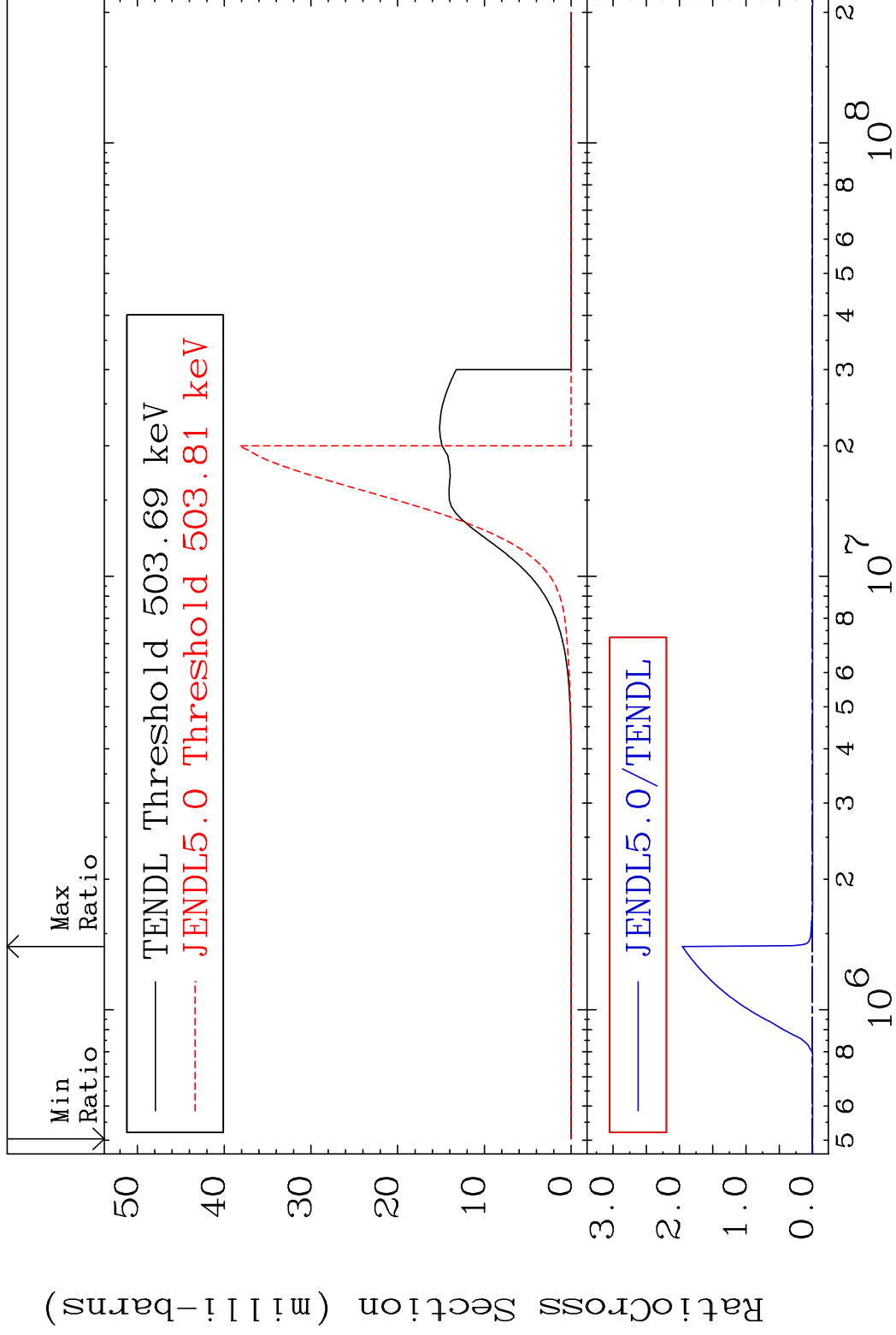
56-Ba-132

MAT 5631

(n, p)

56-Ba-132

Cross Section -100.0 To 9999. %

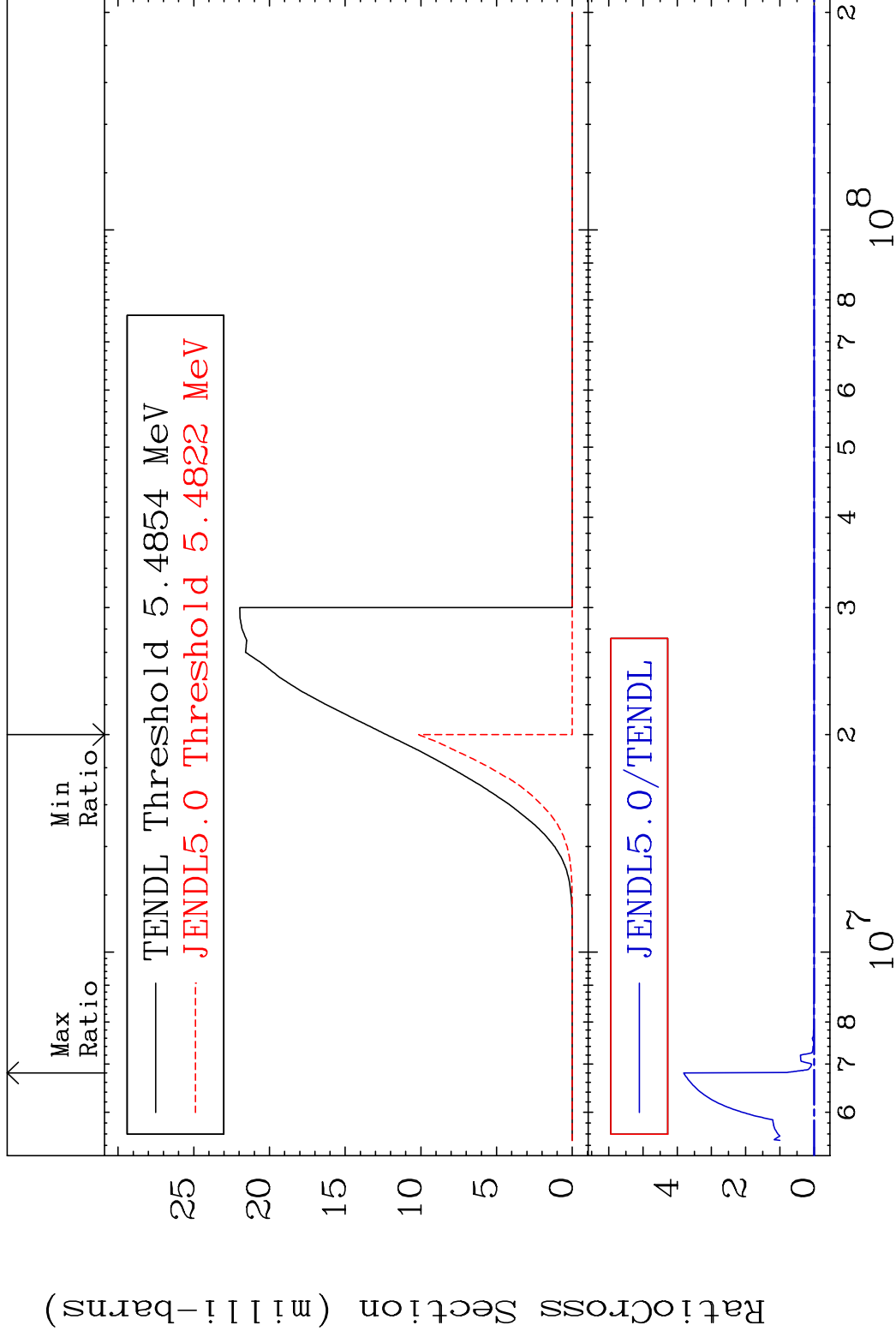


MAT 5631

(n,d)

56-Ba-132

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

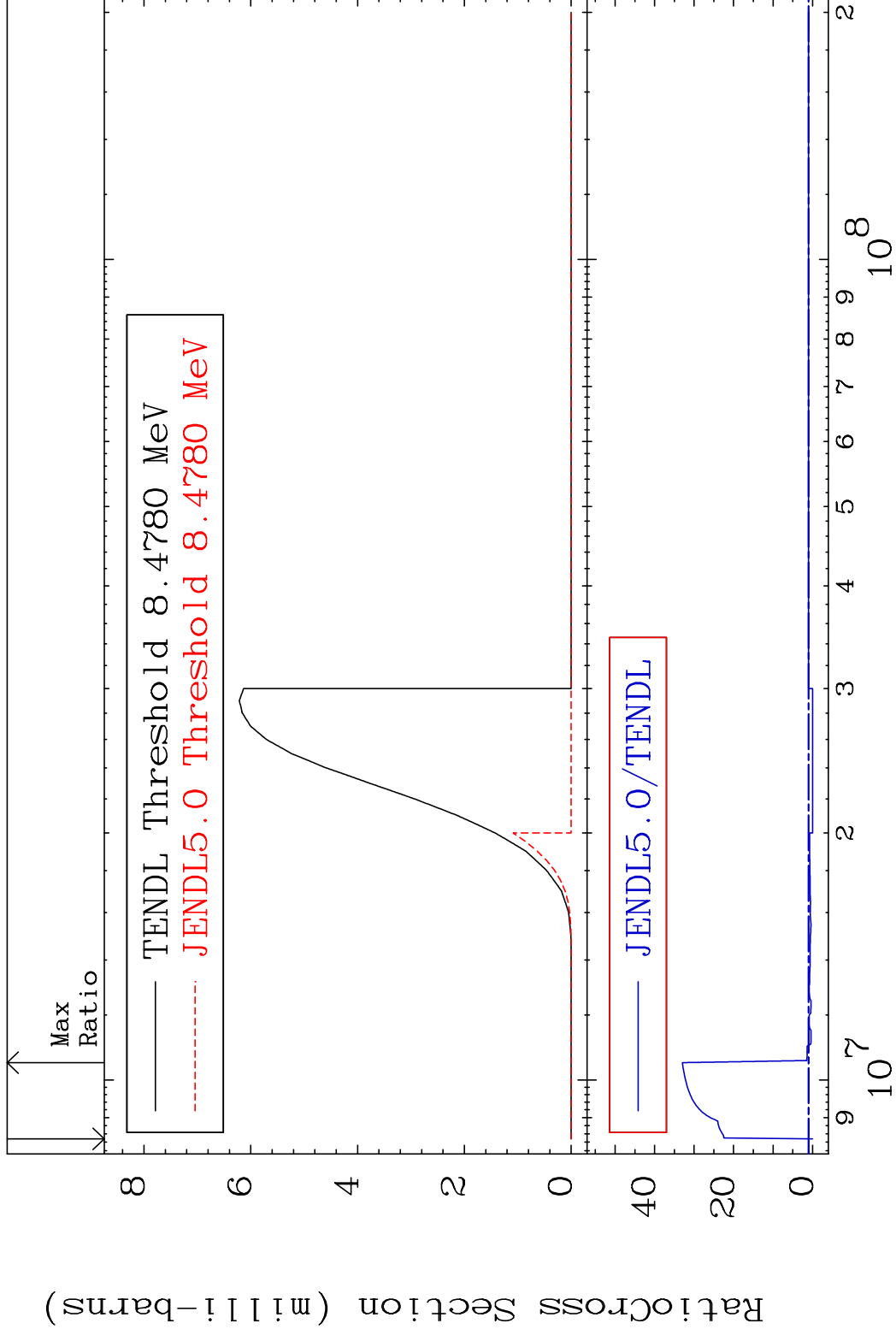
56-Ba-132

MAT 5631

(n, t)

56-Ba-132

Cross Section -100.0 To 3197. %



44

Incident Energy (eV)

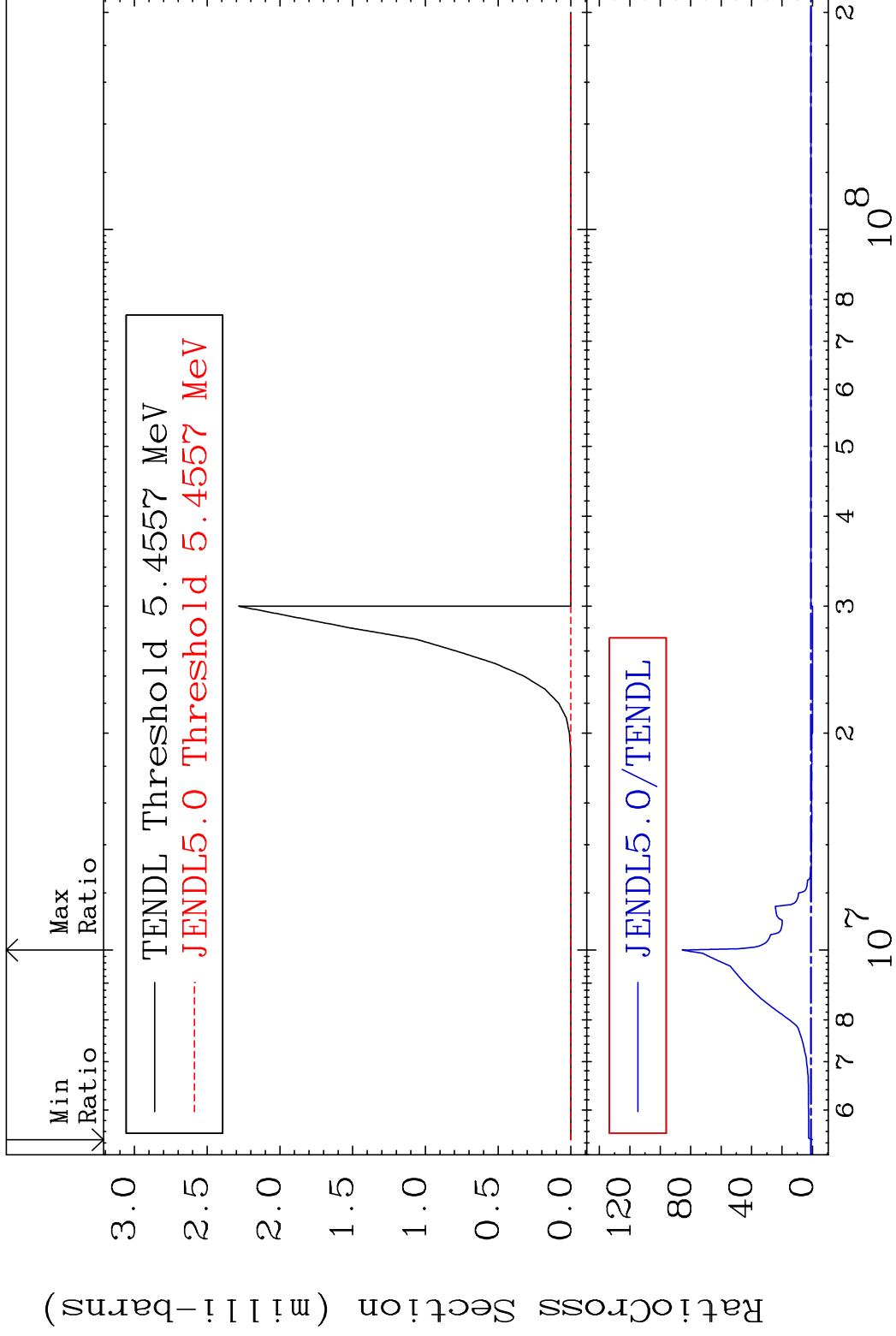
56-Ba-132

MAT 5631

(n, He-3)

56-Ba-132

Cross Section -100.0 To 8464. %



45

Incident Energy (eV)

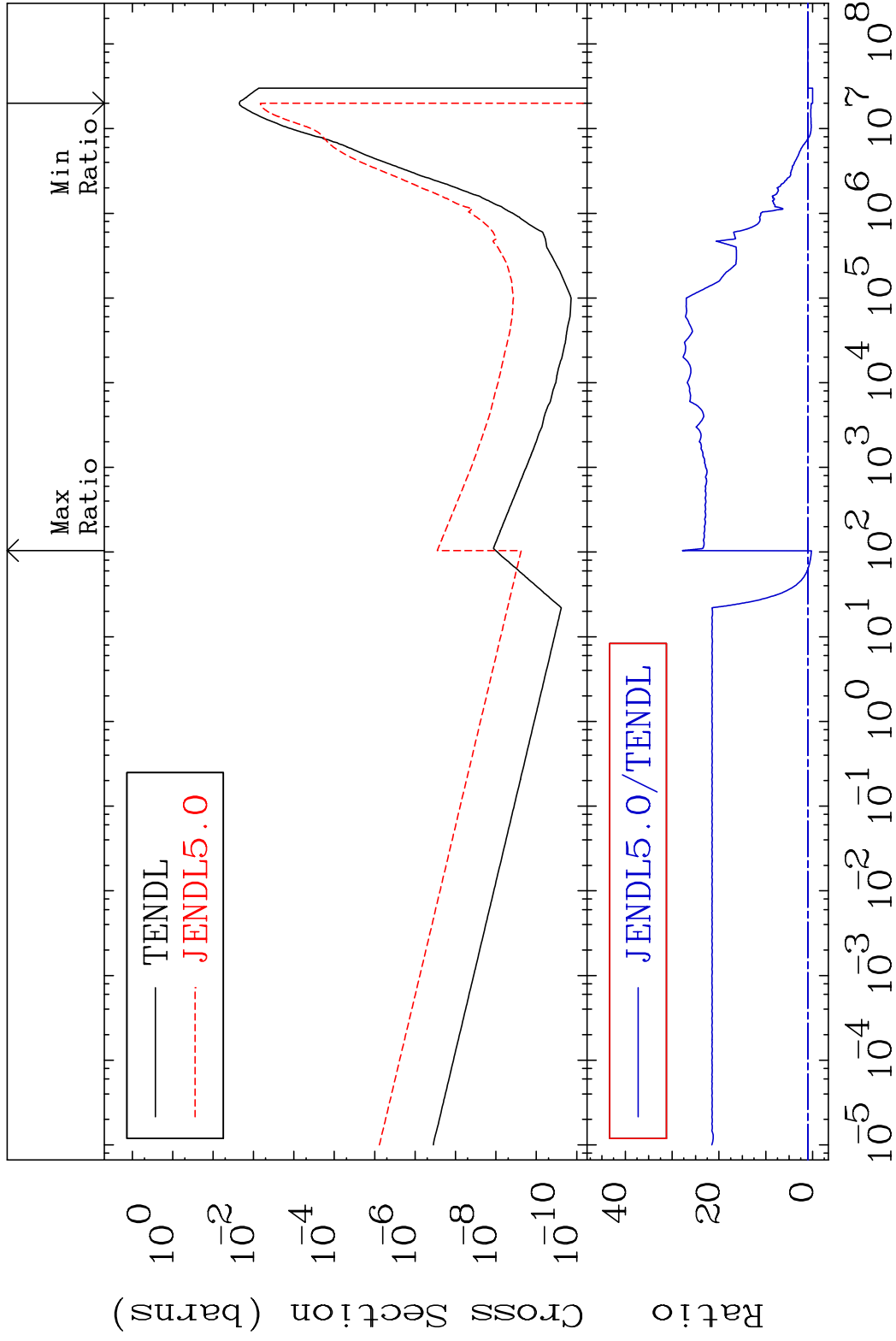
56-Ba-132

MAT 5631

(n, α)

56-Ba-132

Cross Section -100.0 To 2682. %

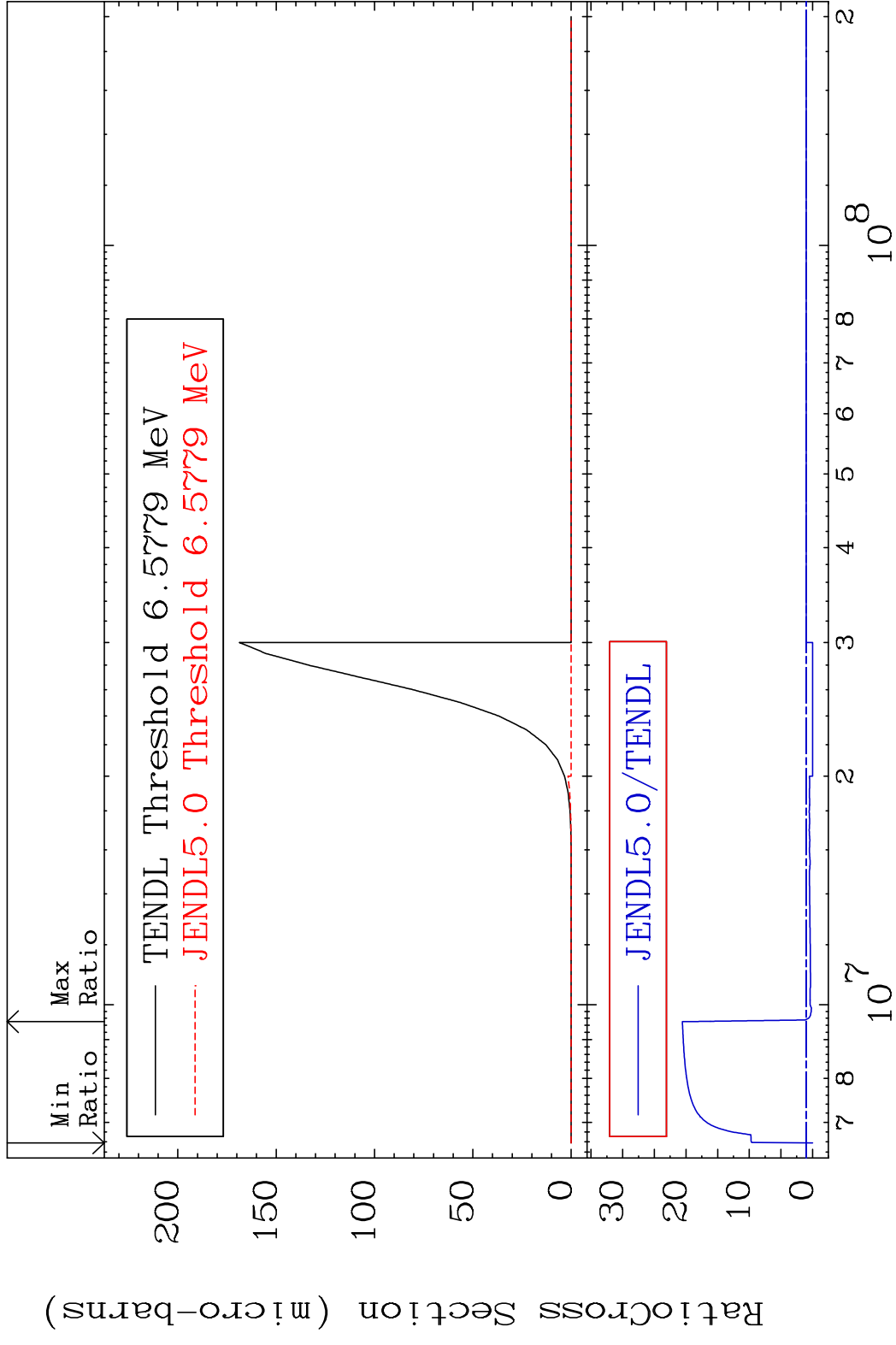


46

Incident Energy (eV)

56-Ba-132

MAT 5631 (n,2p) 56-Ba-132
 Cross Section -100.0 To 1957. %



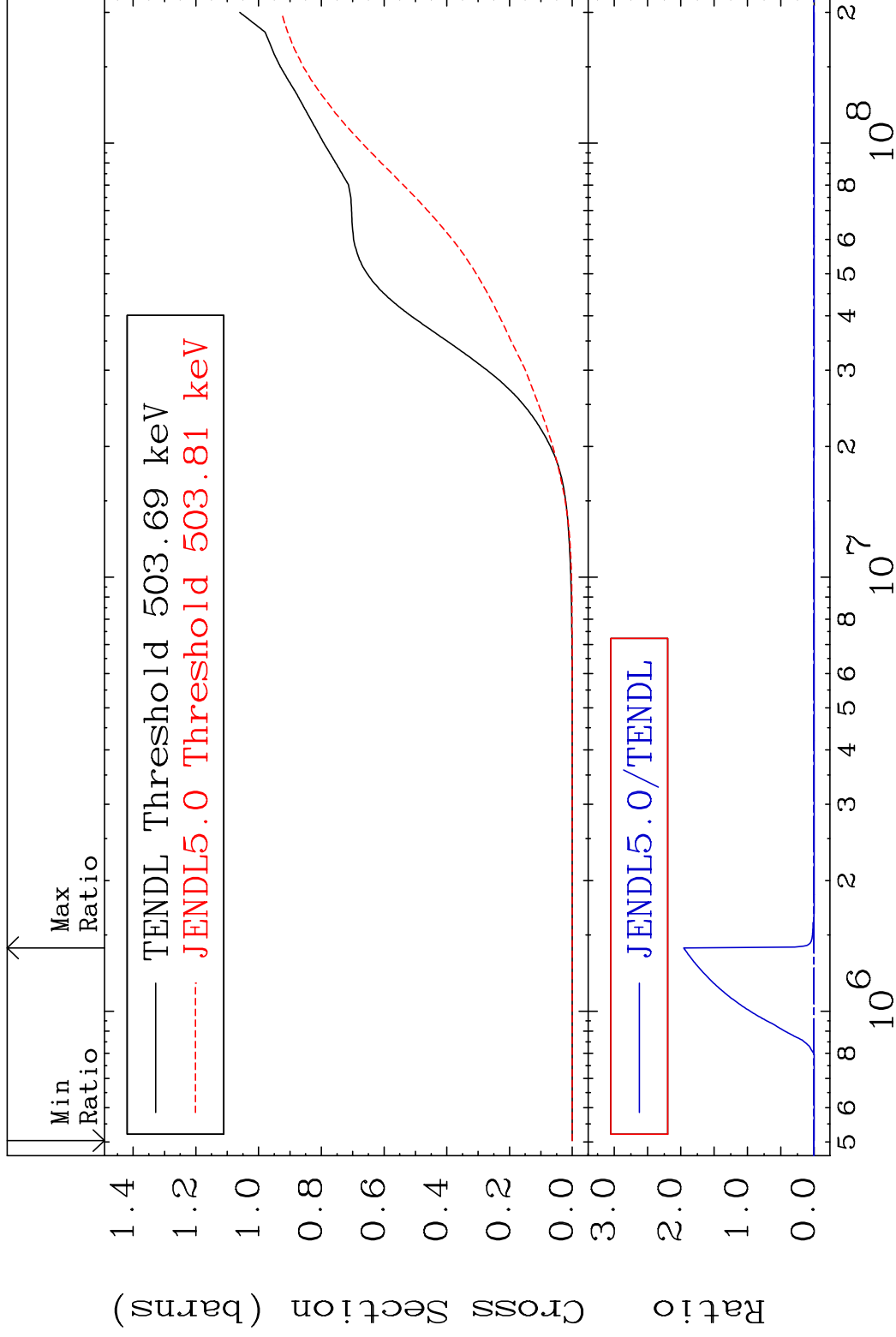
47 Incident Energy (eV) 56-Ba-132

MAT 5631

Hydrogen Production

56-Ba-132

Cross Section -100.0 To 9999. %

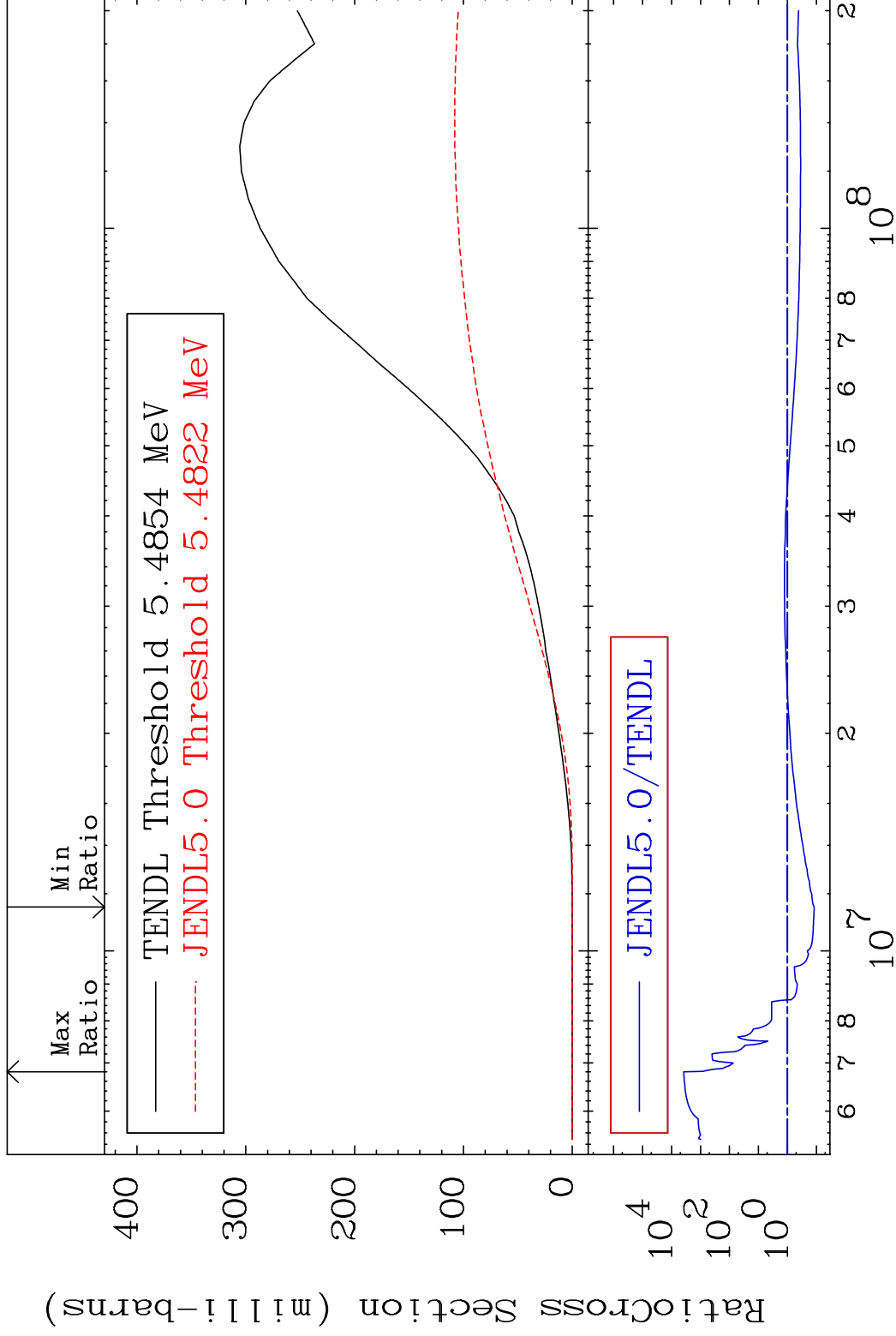


MAT 5631

Deuterium Production

56-Ba-132

Cross Section -87.97 To 9999. %

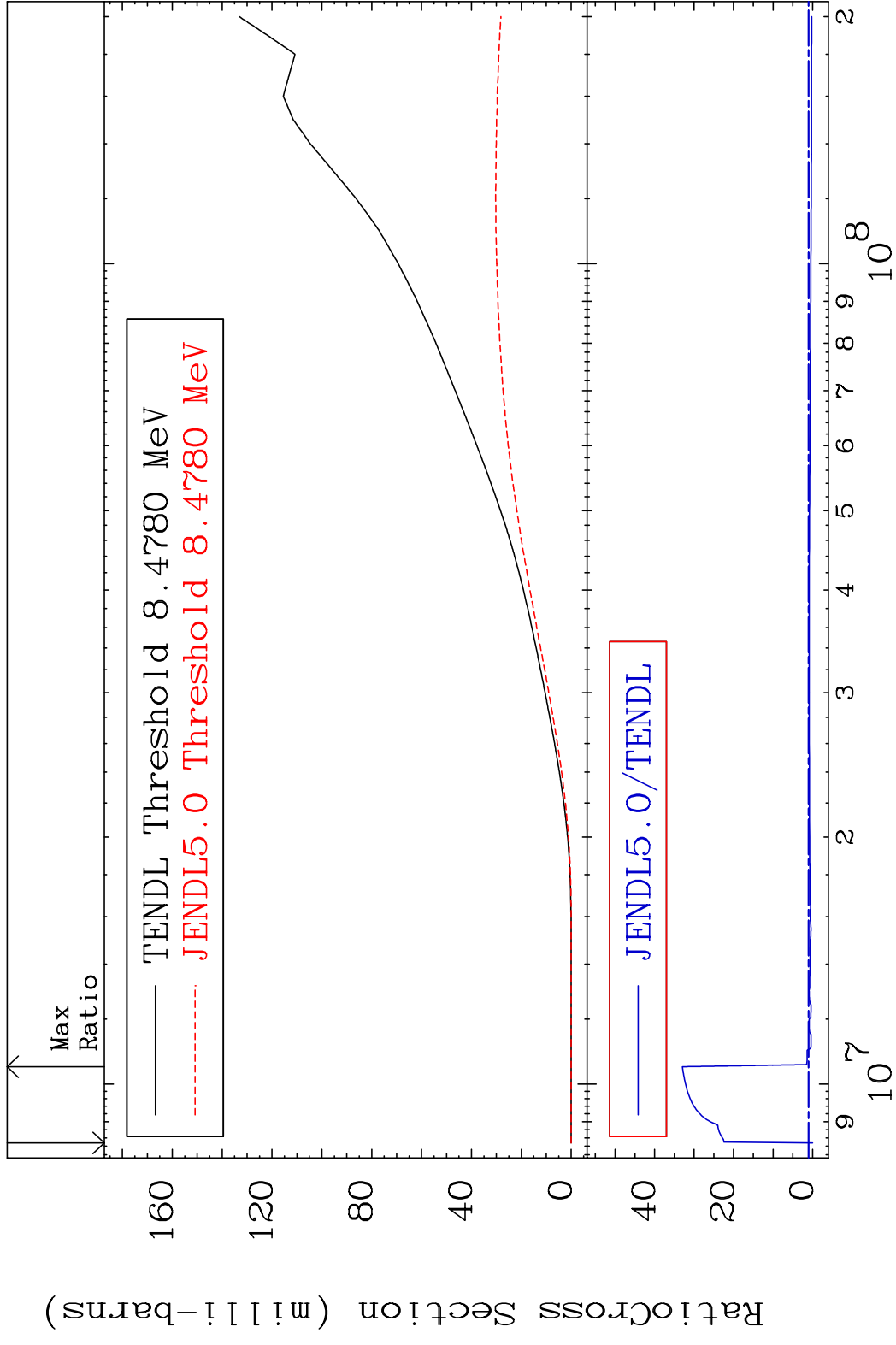


49

Incident Energy (eV)

56-Ba-132

MAT 5631 Tritium Production 56-Ba-132
 Cross Section -100.0 To 3197. %



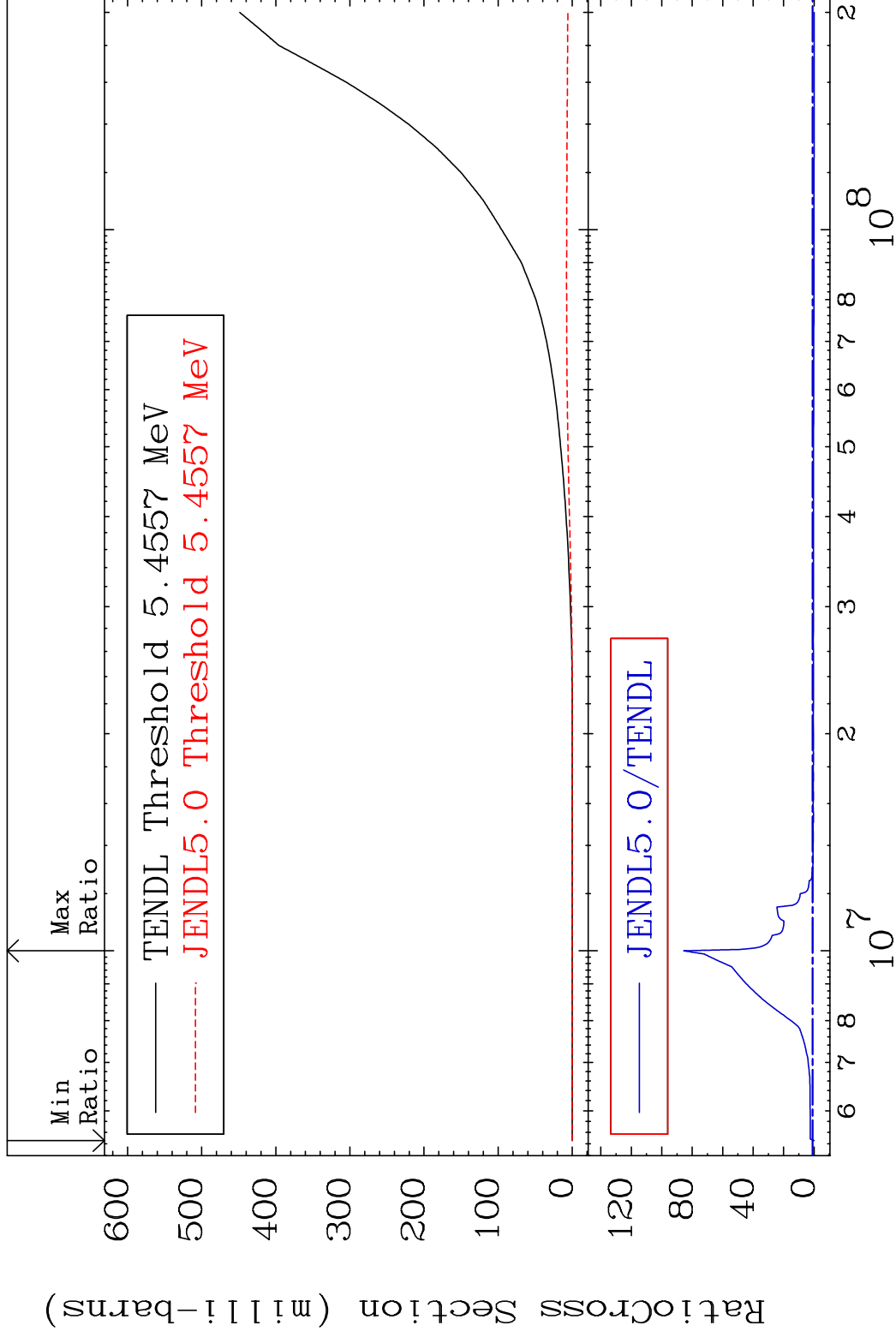
50 Incident Energy (eV) 56-Ba-132

MAT 5631

He-3 Production

56-Ba-132

Cross Section -100.0 To 8464. %



51

Incident Energy (eV)

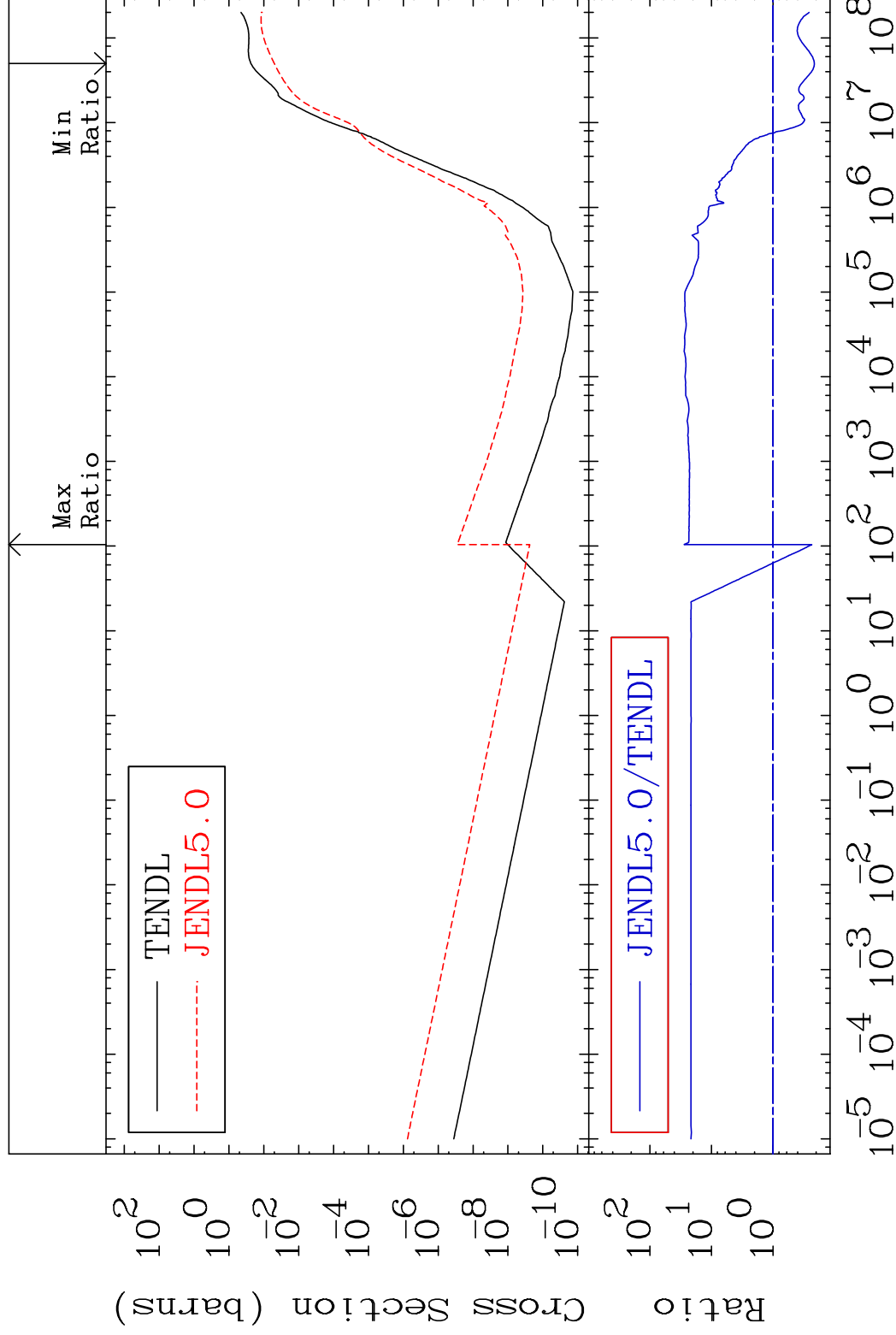
56-Ba-132

MAT 5631

He-4 Production

56-Ba-132

Cross Section -78.54 To 2682. %

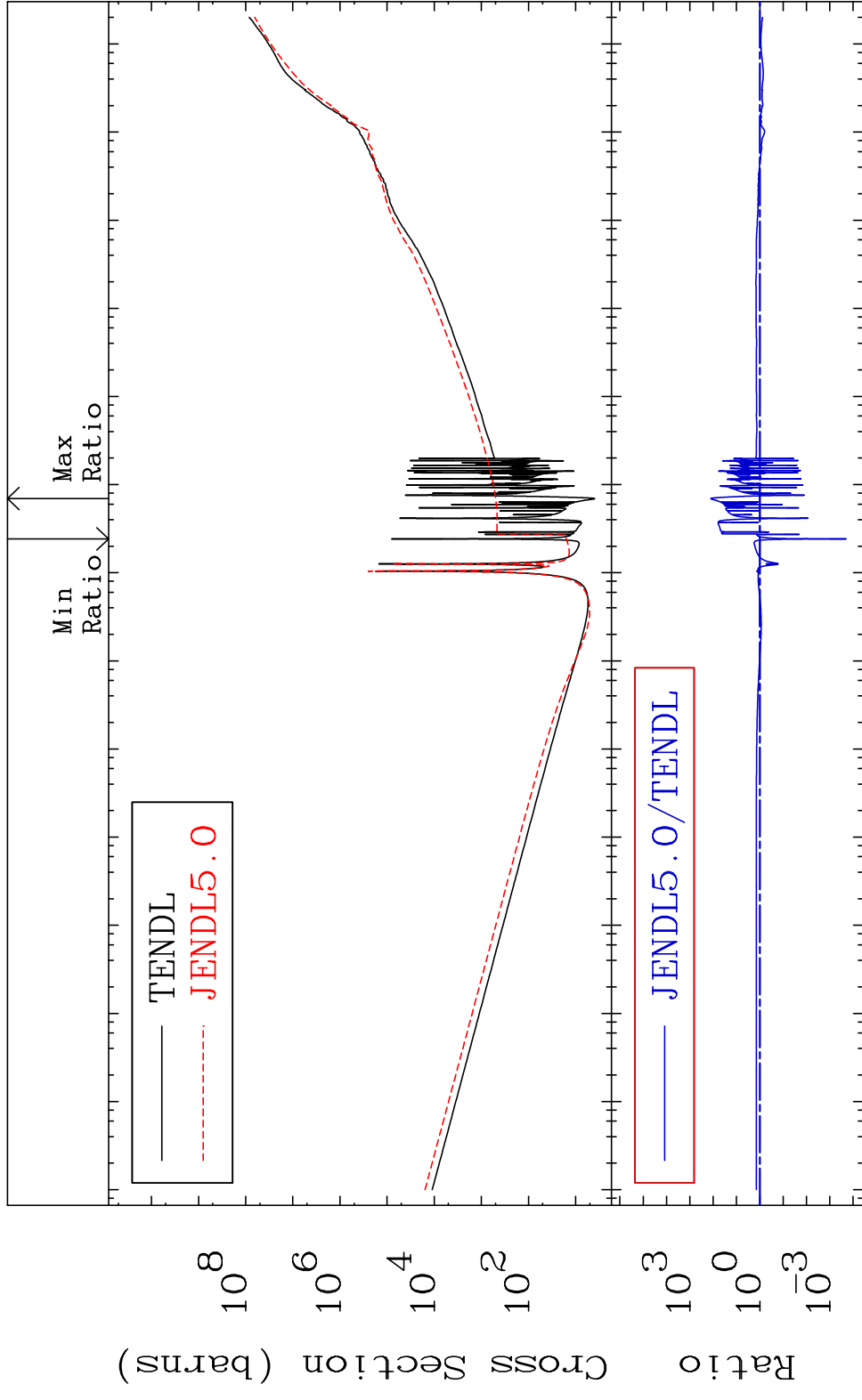


52

Incident Energy (eV)

56-Ba-132

MAT 5631 Kerma total (eV-barns) 56-Ba-132
 Cross Section -99.98 To 9999. %



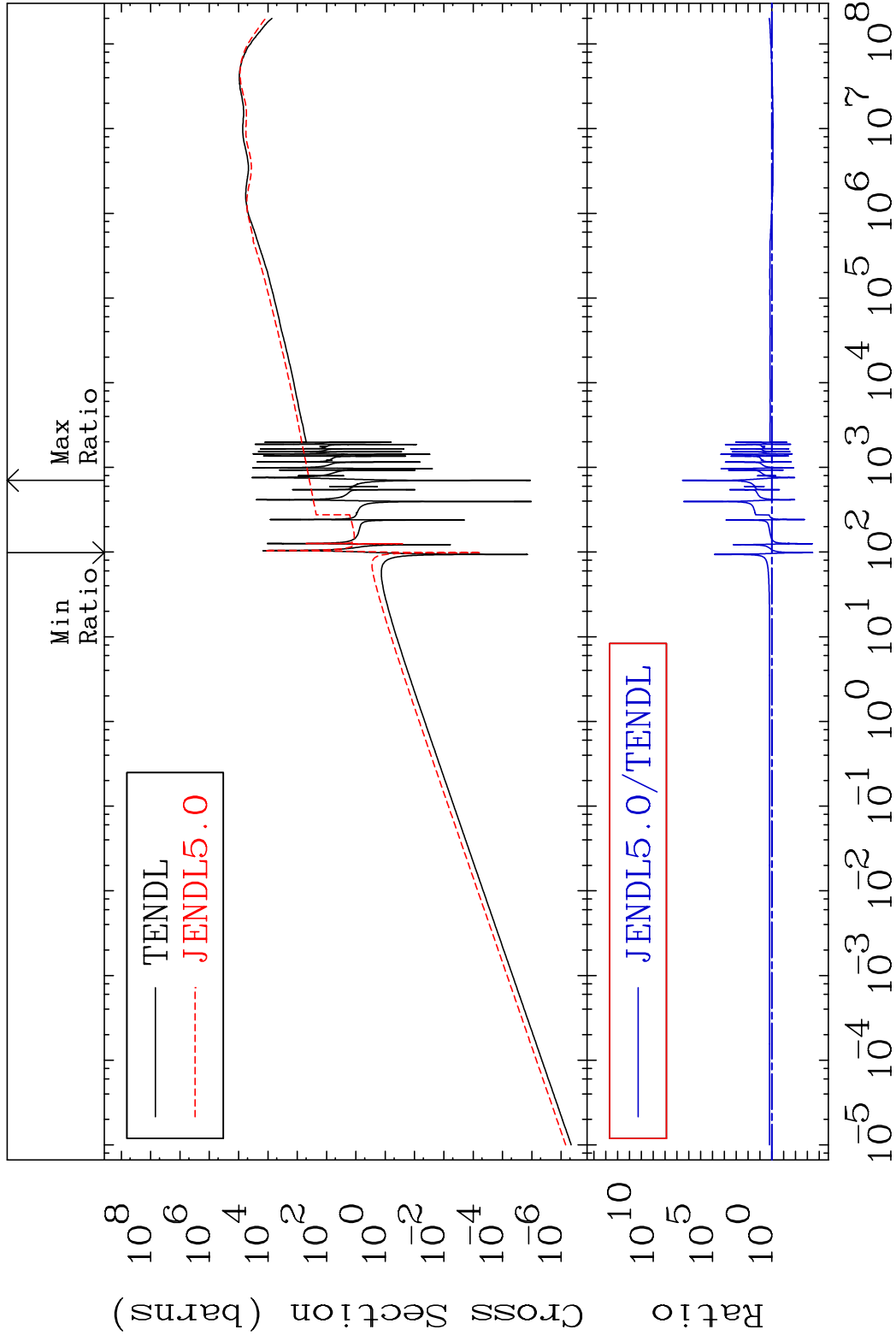
53 Incident Energy (eV) 56-Ba-132

MAT 5631

Kerma elastic

56-Ba-132

Cross Section -99.96 To 9999. %

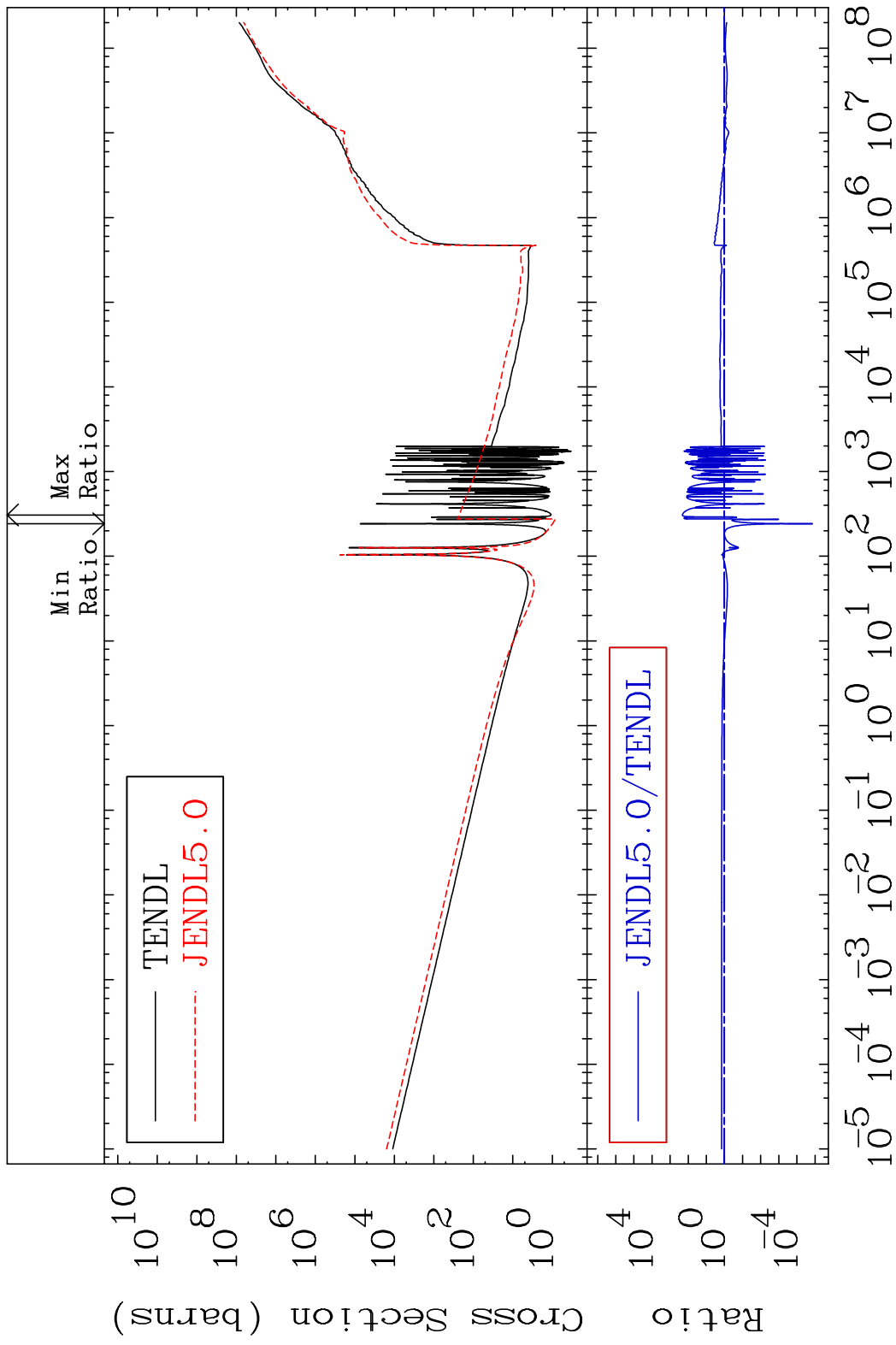


54

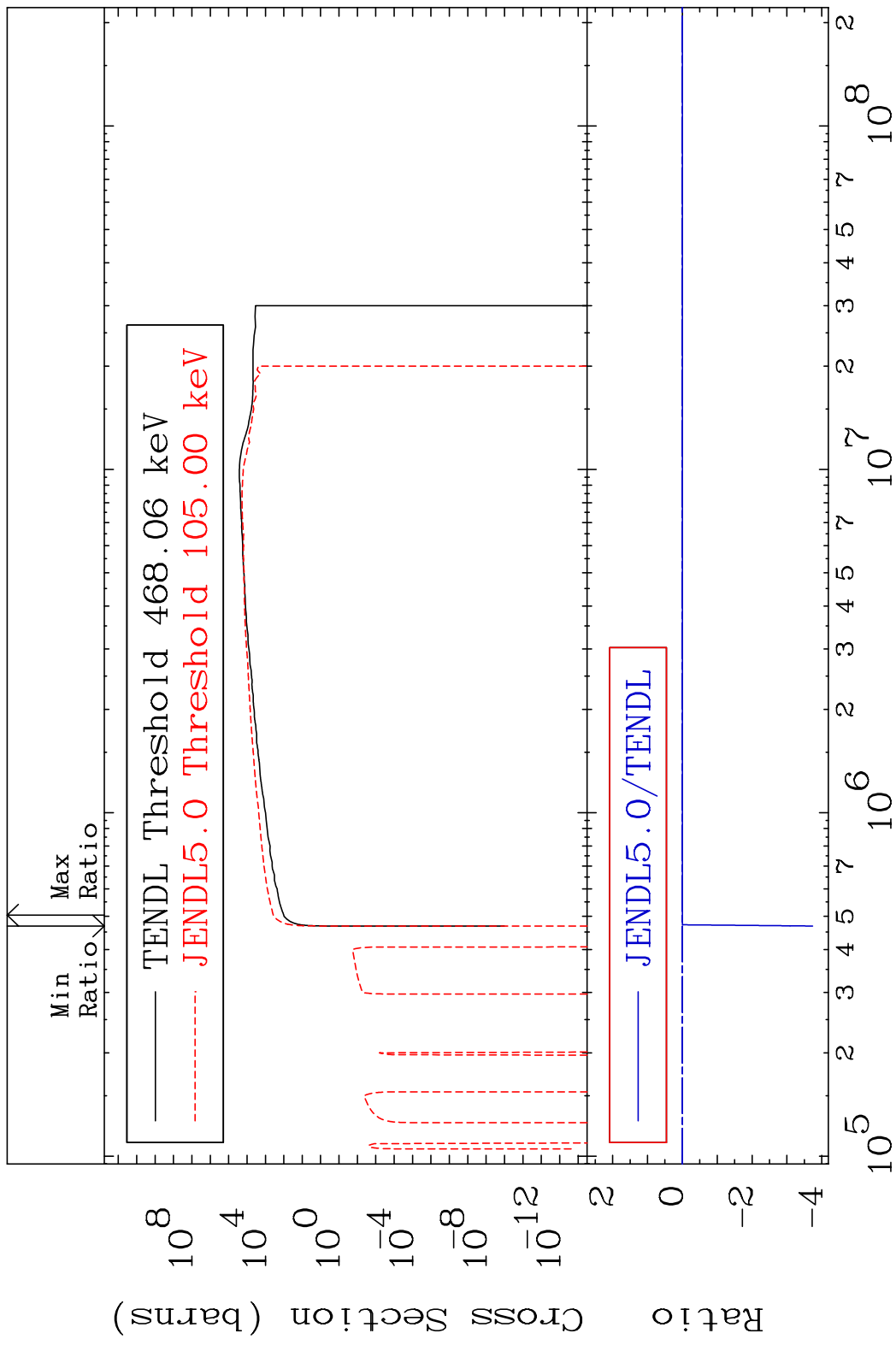
Incident Energy (eV)

56-Ba-132

MAT 5631 Kerma non-elastic (all but mt2) 56-Ba-132
 Cross Section -100.0 To 9999. %

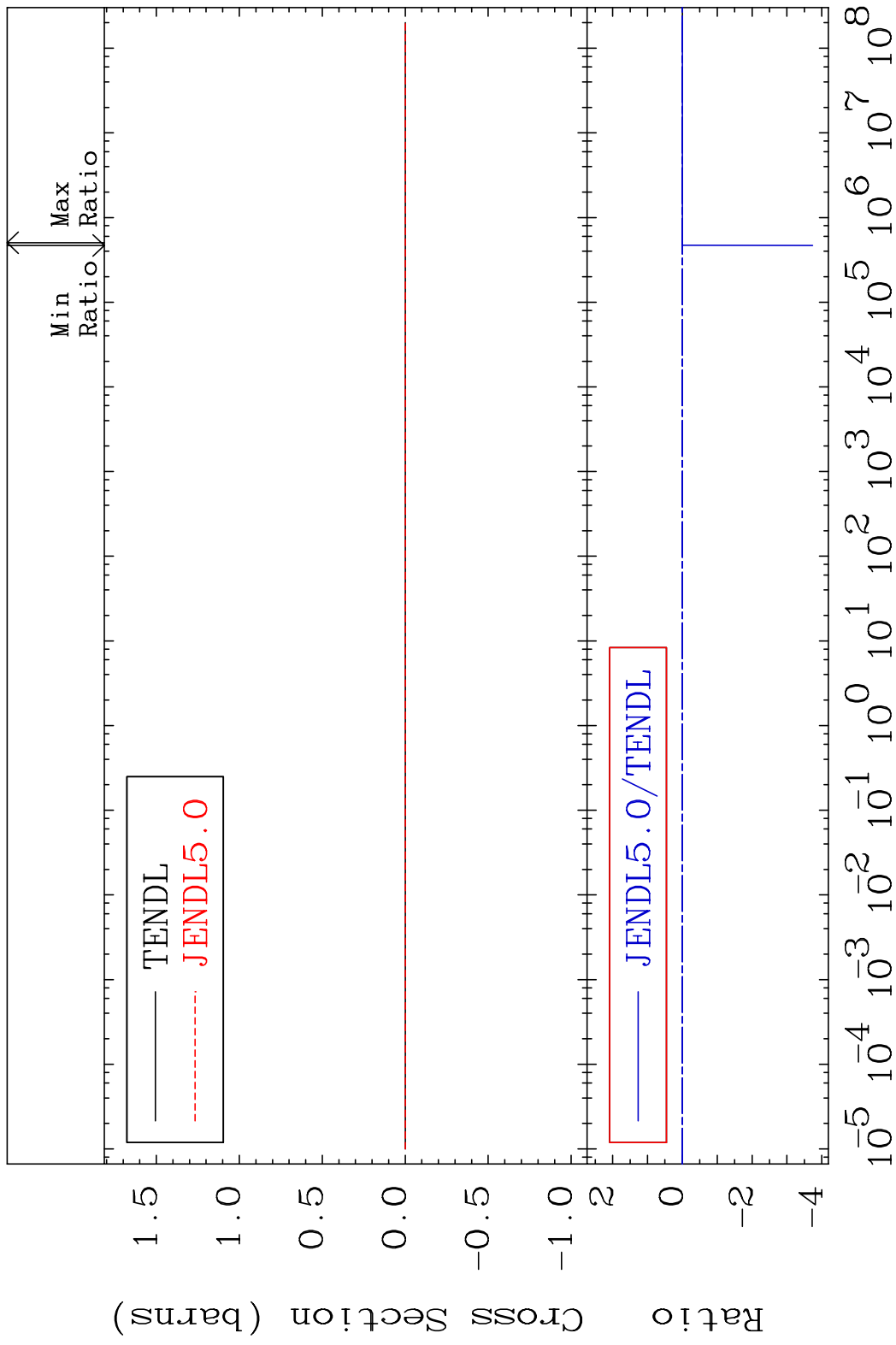


MAT 5631 Kerma inelastic (mt51-91) 56-Ba-132
 Cross Section -9999. To 272.2 %



56 Incident Energy (eV) 56-Ba-132

MAT 5631 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-132
 Cross Section -9999. To 272.2 %

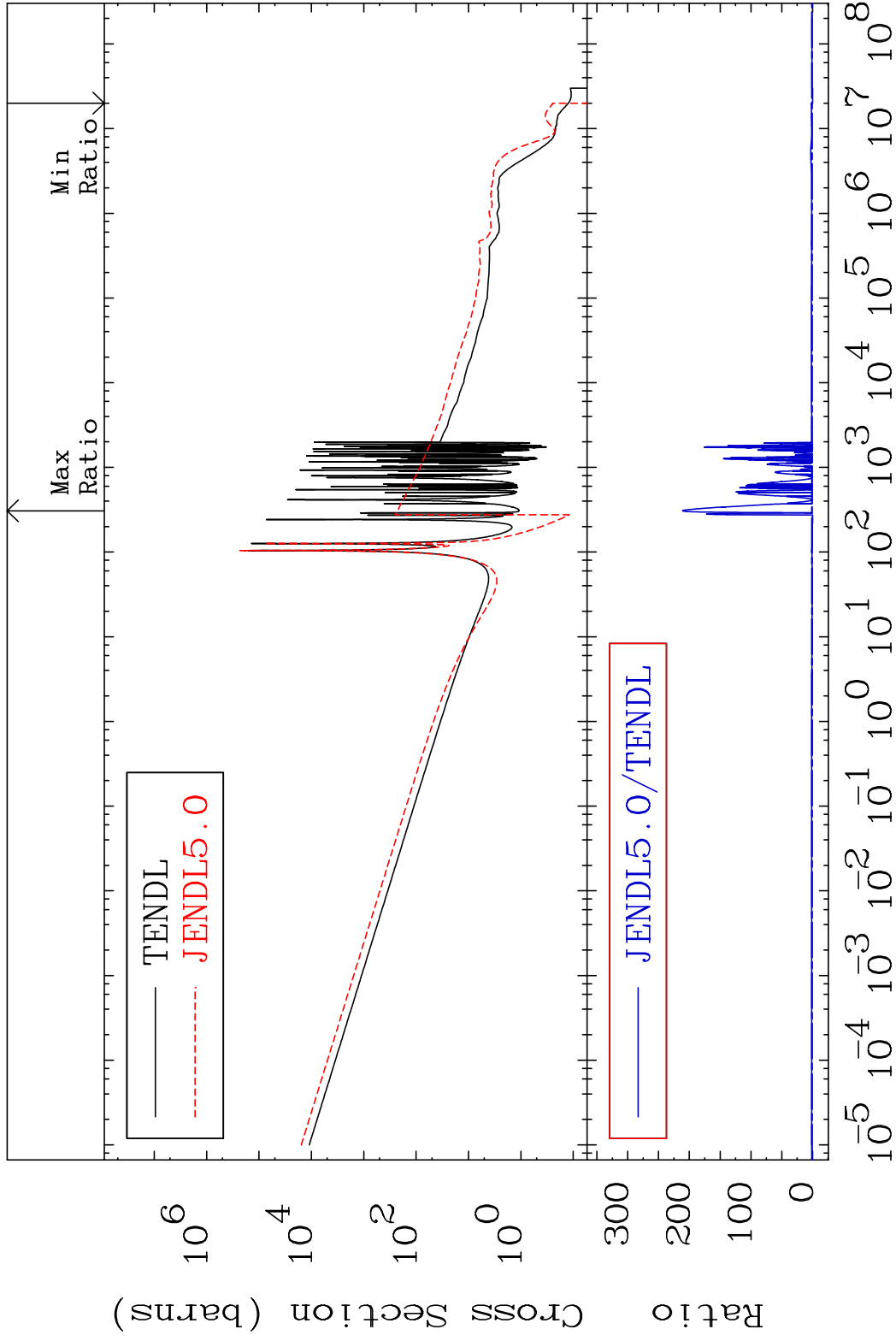


MAT 5631

Kerma capture (mt102)

56-Ba-132

Cross Section -100.0 To 9999. %

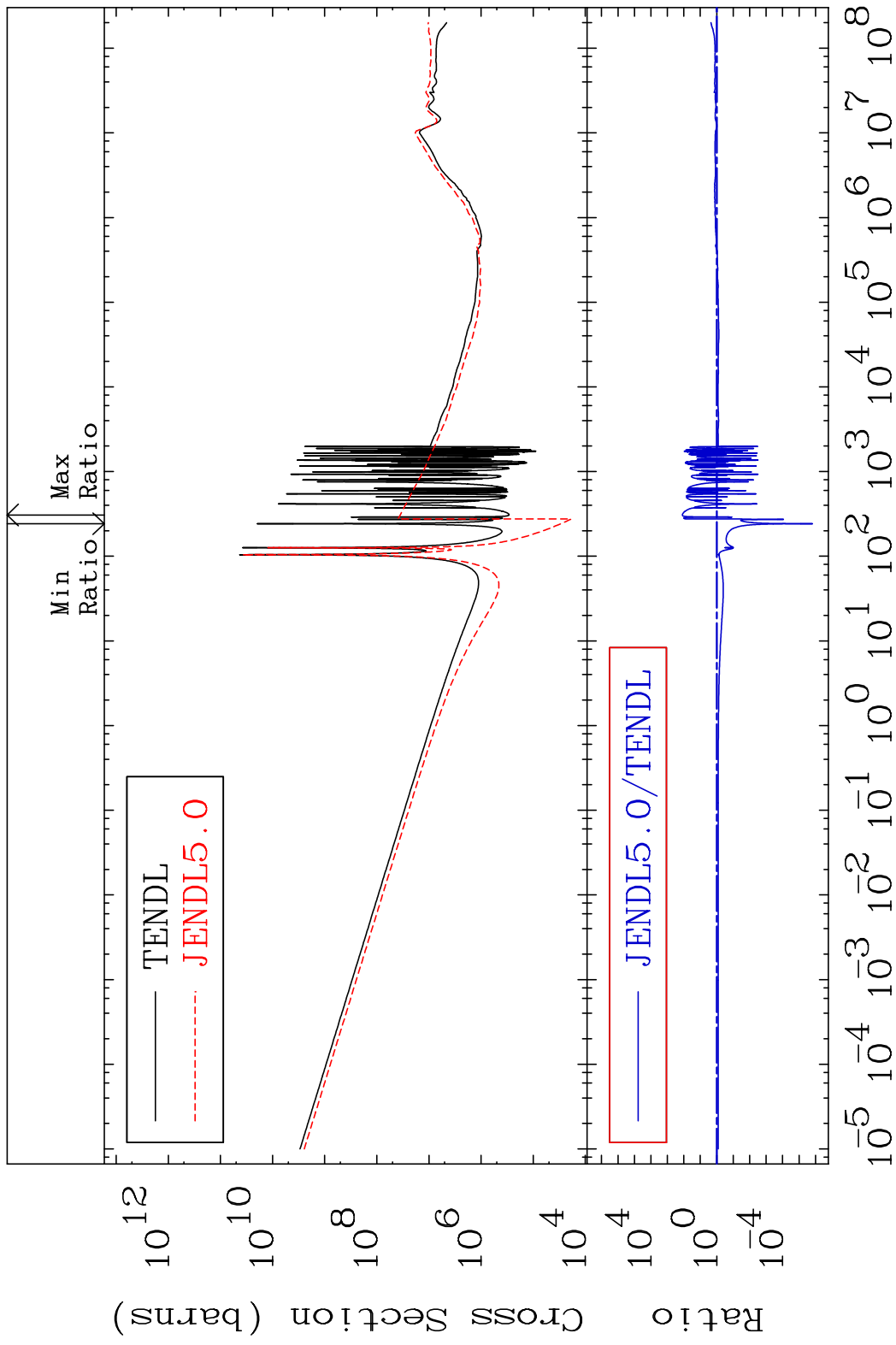


58

Incident Energy (eV)

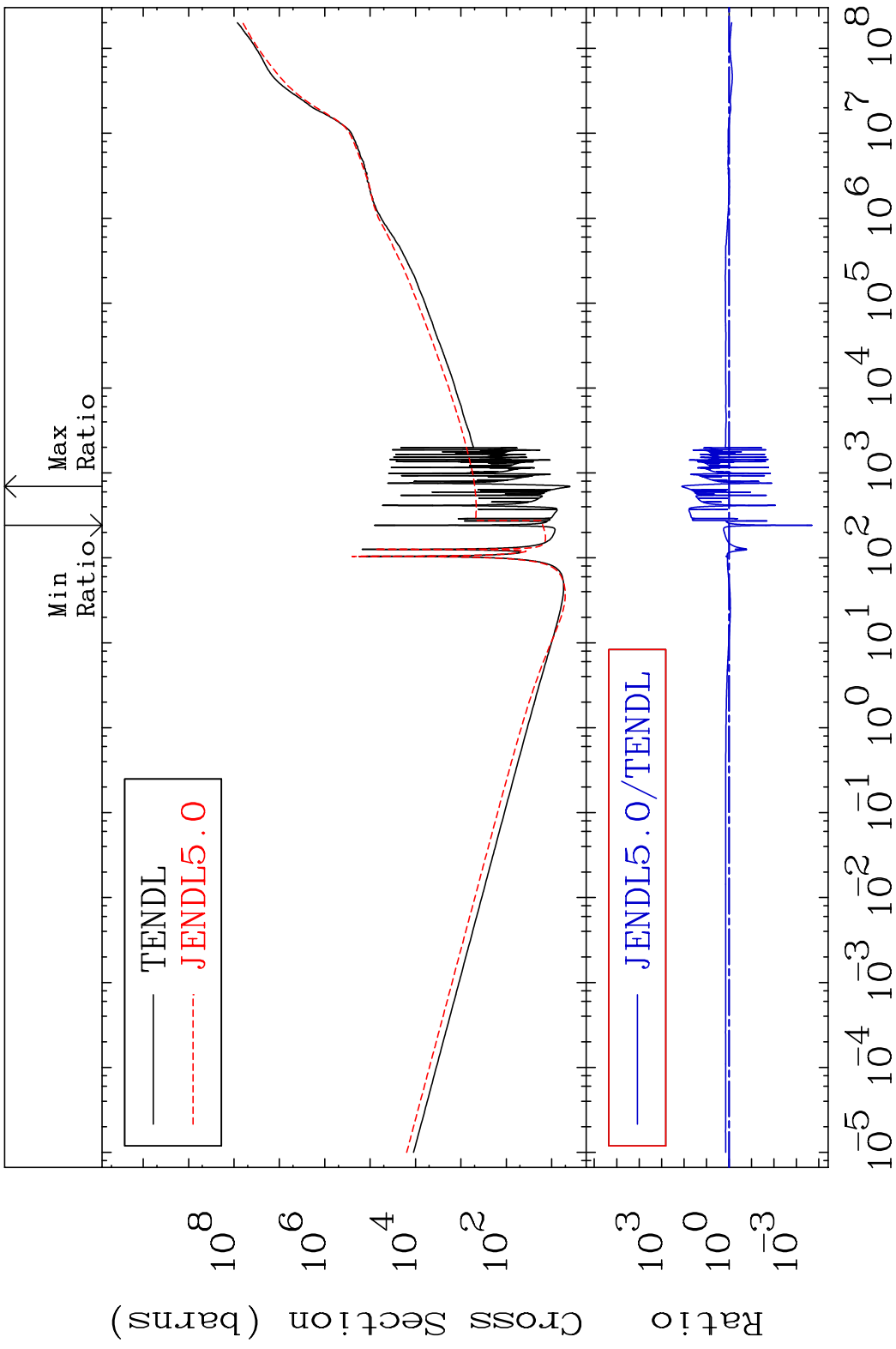
56-Ba-132

MAT 5631 Total photon (eV-barns) 56-Ba-132
Cross Section -100.0 To 9999. %

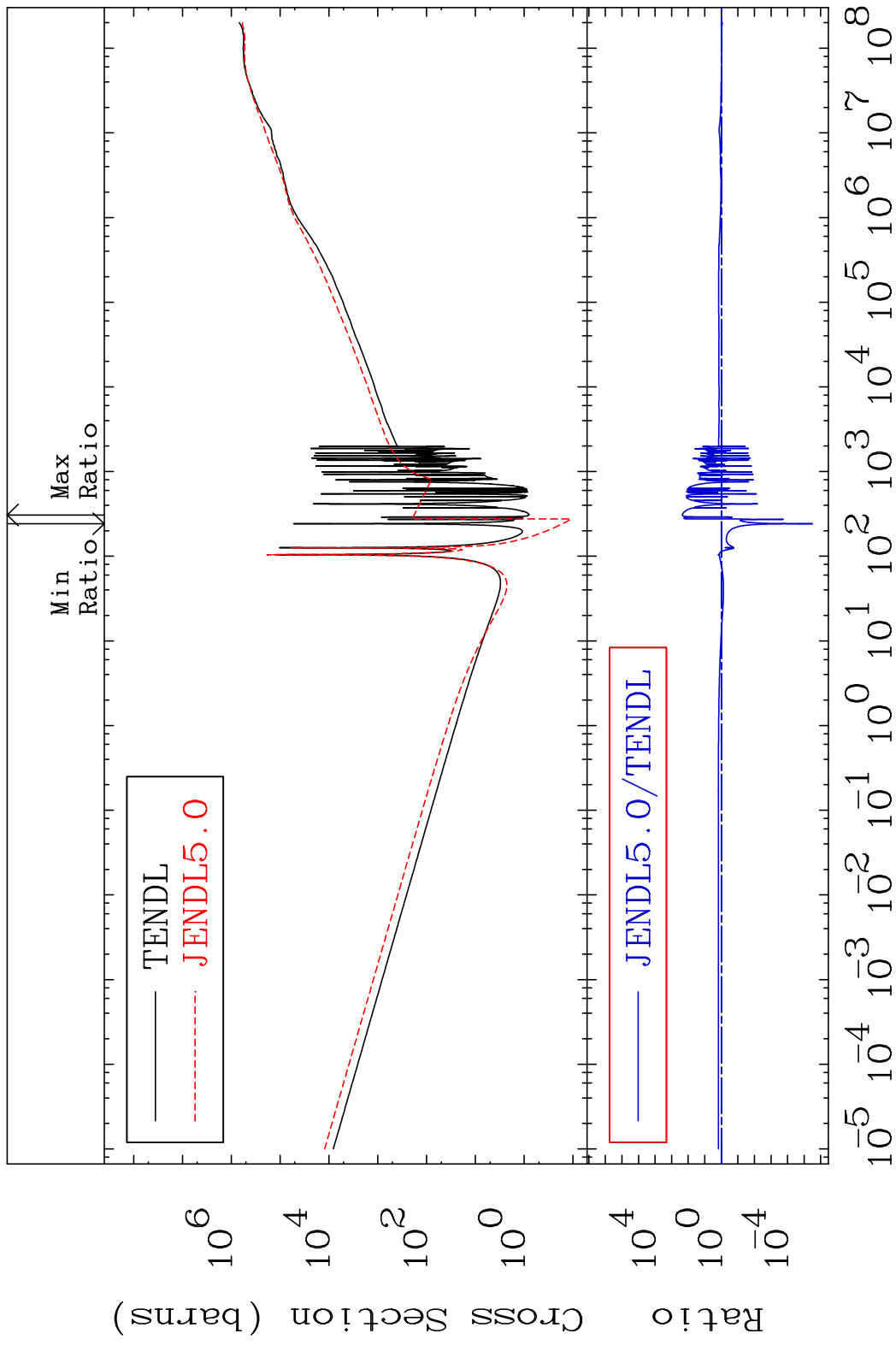


59 Incident Energy (eV) 56-Ba-132

MAT 5631 Total kinematic kerma (high limit) 56-Ba-132
Cross Section -99.98 To 9999. %



MAT 5631 Dpa total (eV-barns) 56-Ba-132
Cross Section -100.0 To 9999. %

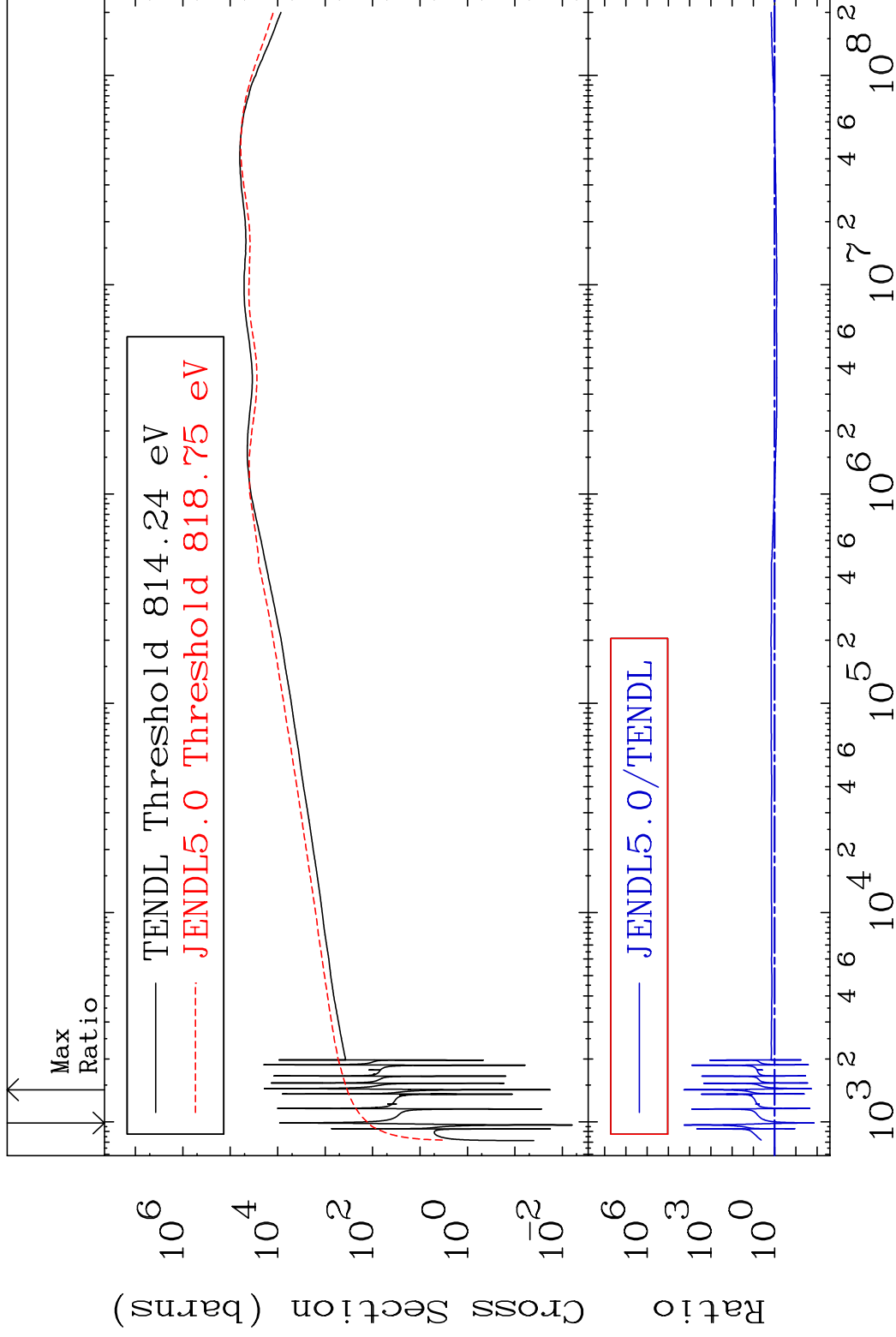


MAT 5631

Dpa elastic (mt2)

56-Ba-132

Cross Section -98.63 To 9999. %

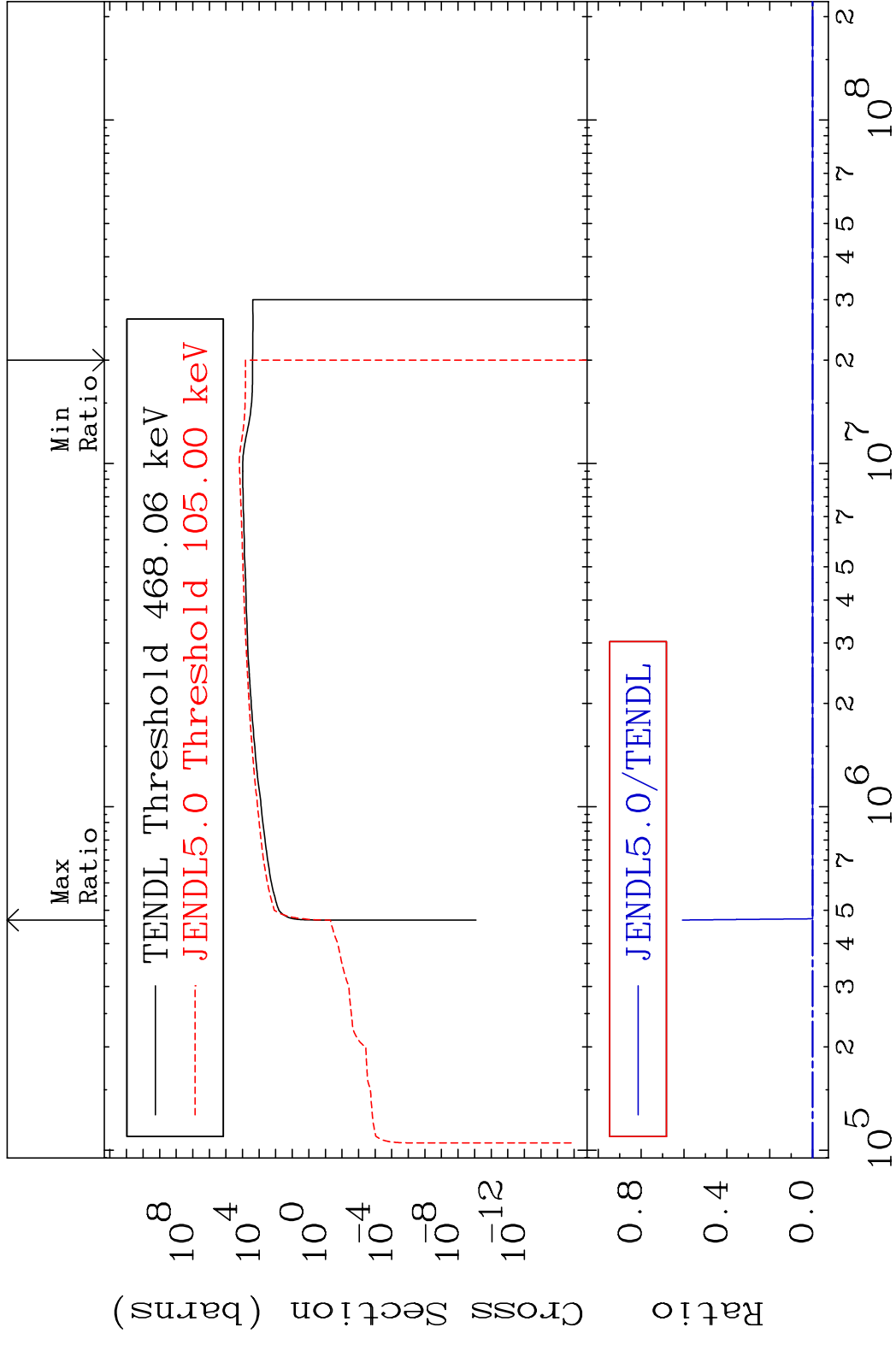


62

Incident Energy (eV)

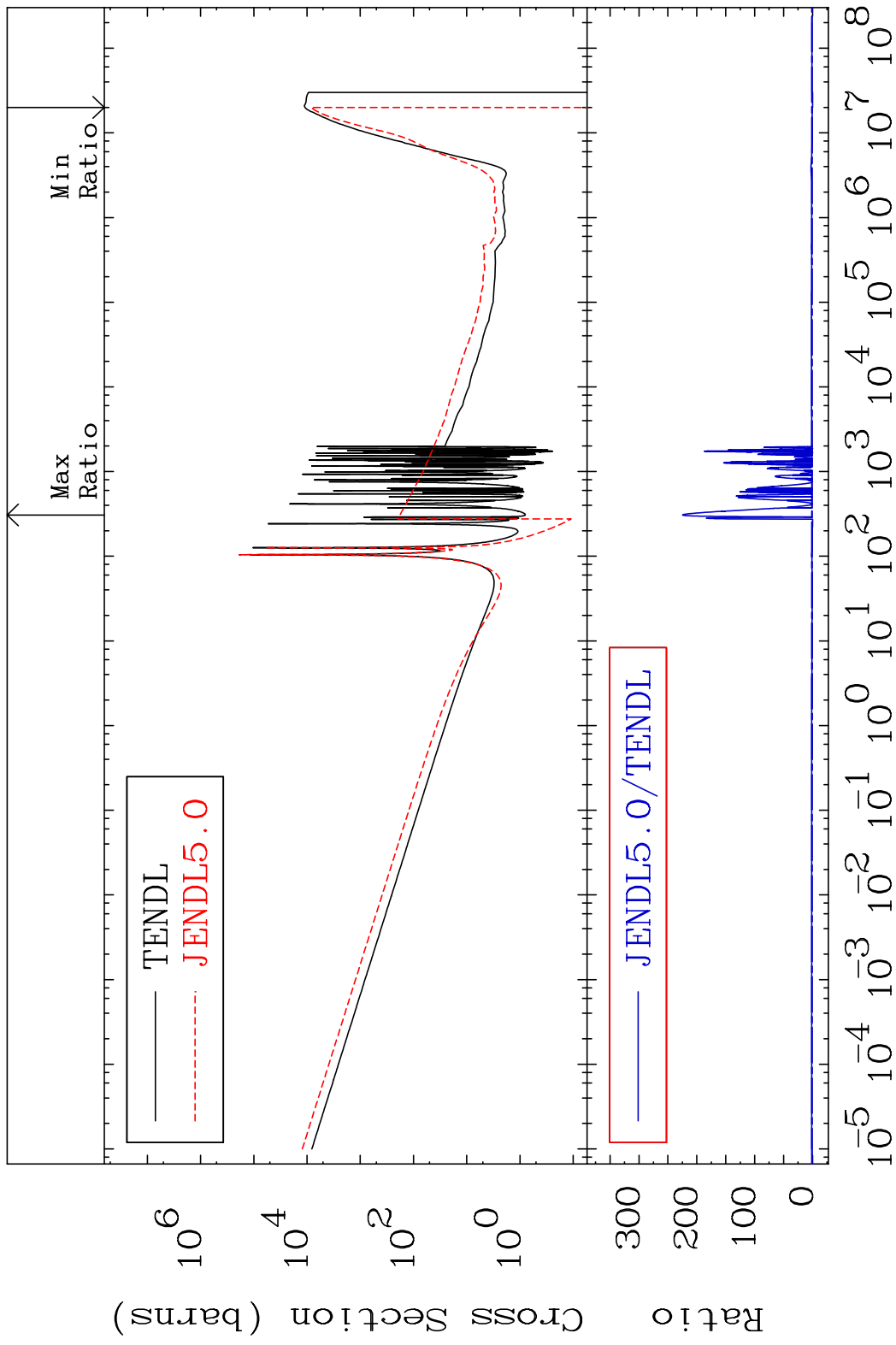
56-Ba-132

MAT 5631 Dpa inelastic (mt51-91) 56-Ba-132
 Cross Section -100.0 To 9999. %

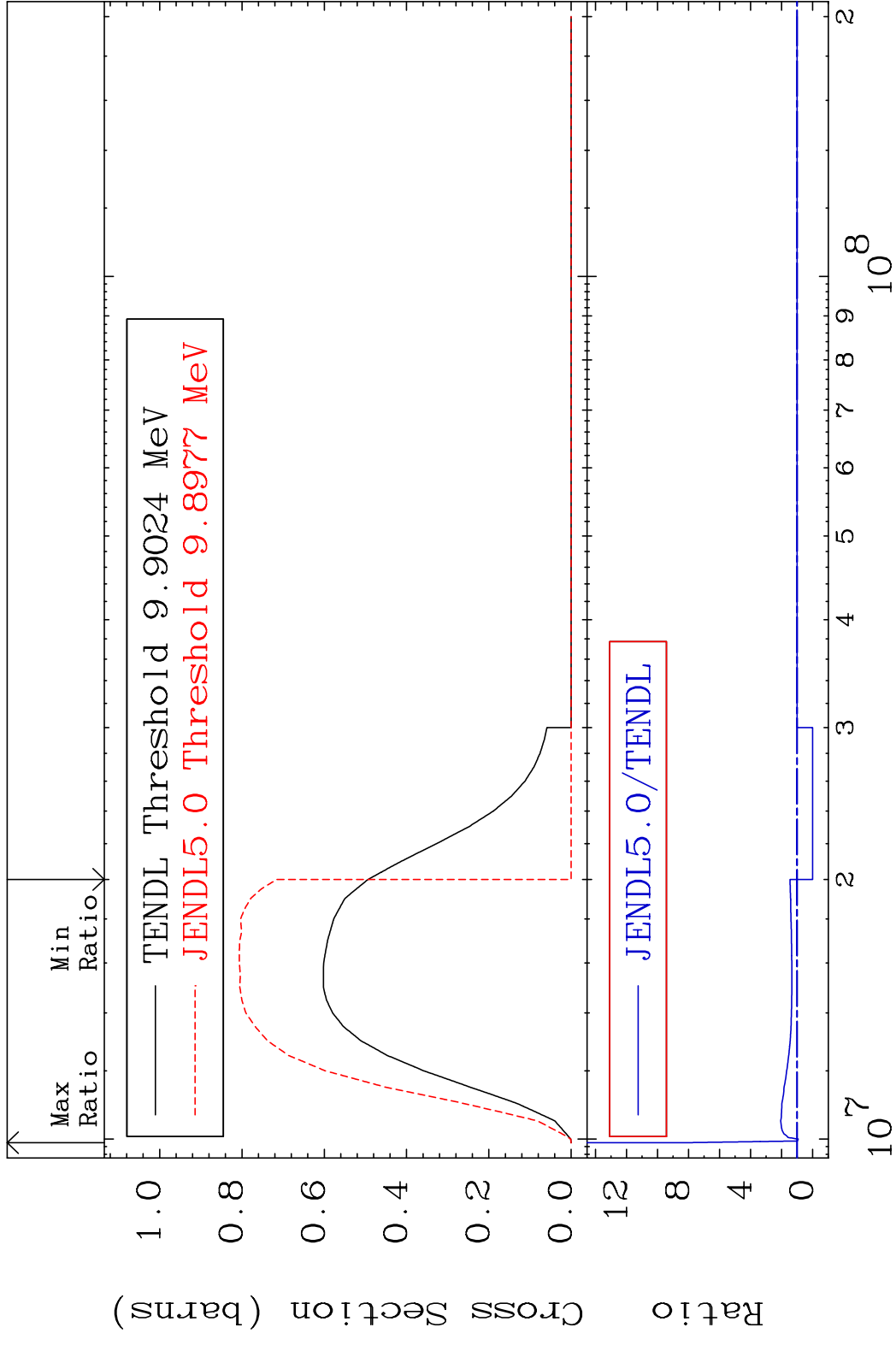


63 Incident Energy (eV) 56-Ba-132

MAT 5631 Dpa disappearance (mt102 -120) 56-Ba-132
 Cross Section -100.0 To 9999. %

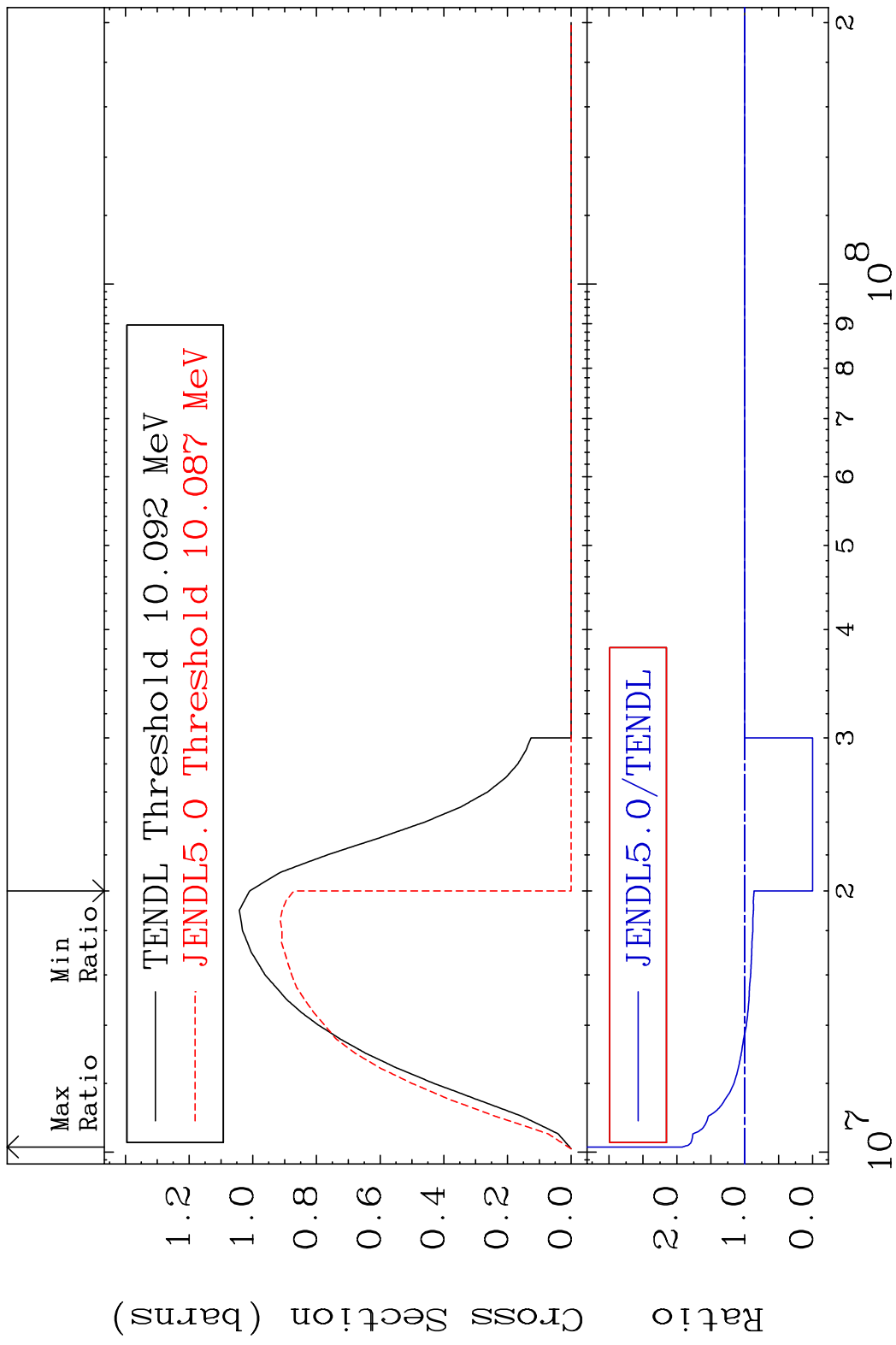


MAT 5631 (n,2n):56-Ba-131g 56-Ba-132
 Radionuclide Production Cross Section Ratio 739.9 %

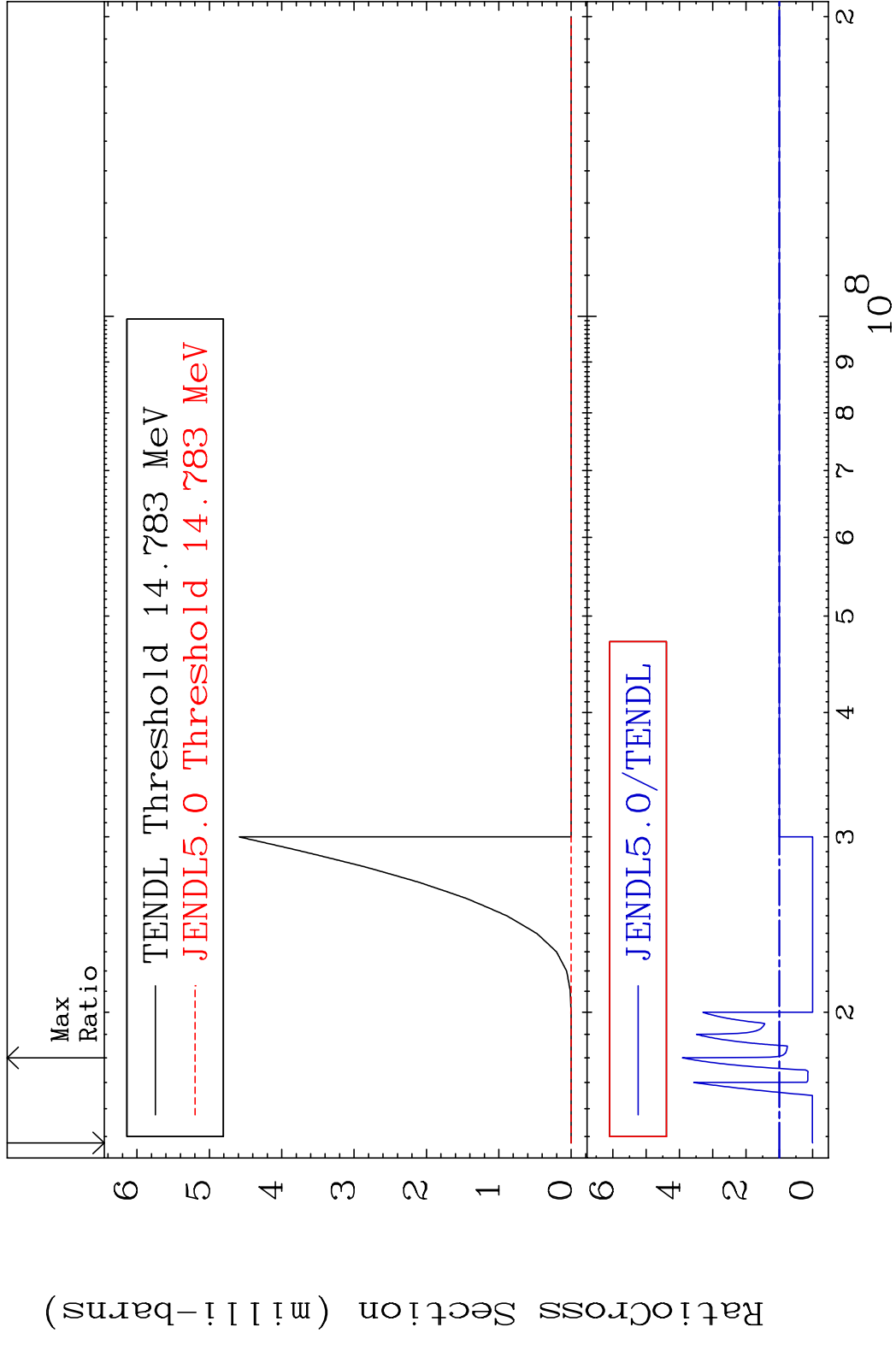


65 56-Ba-132

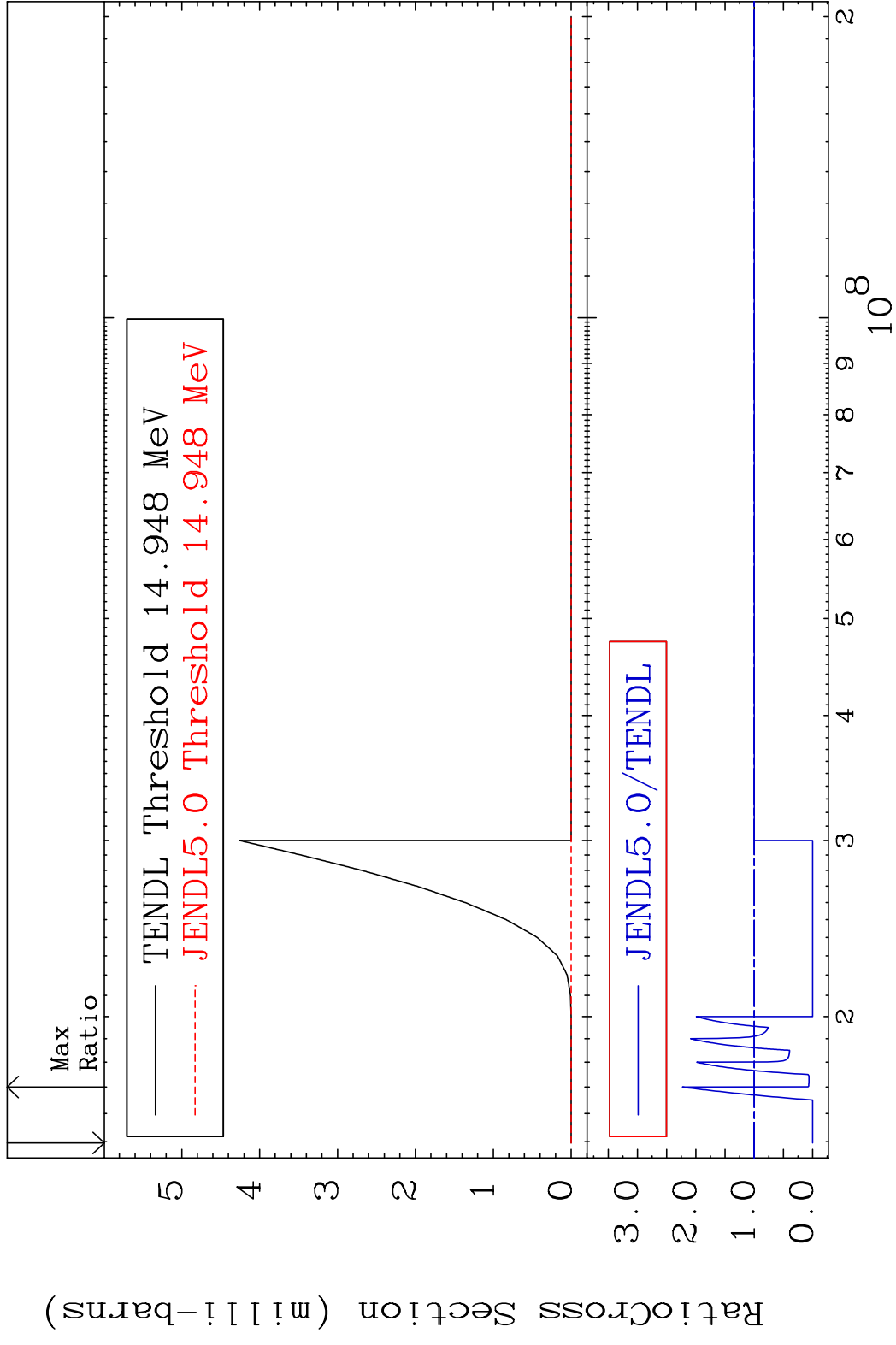
MAT 5631 (n,2n):56-Ba-131m2 56-Ba-132
 Radionuclide Production Cross Section 180.01 dth 91.95 %



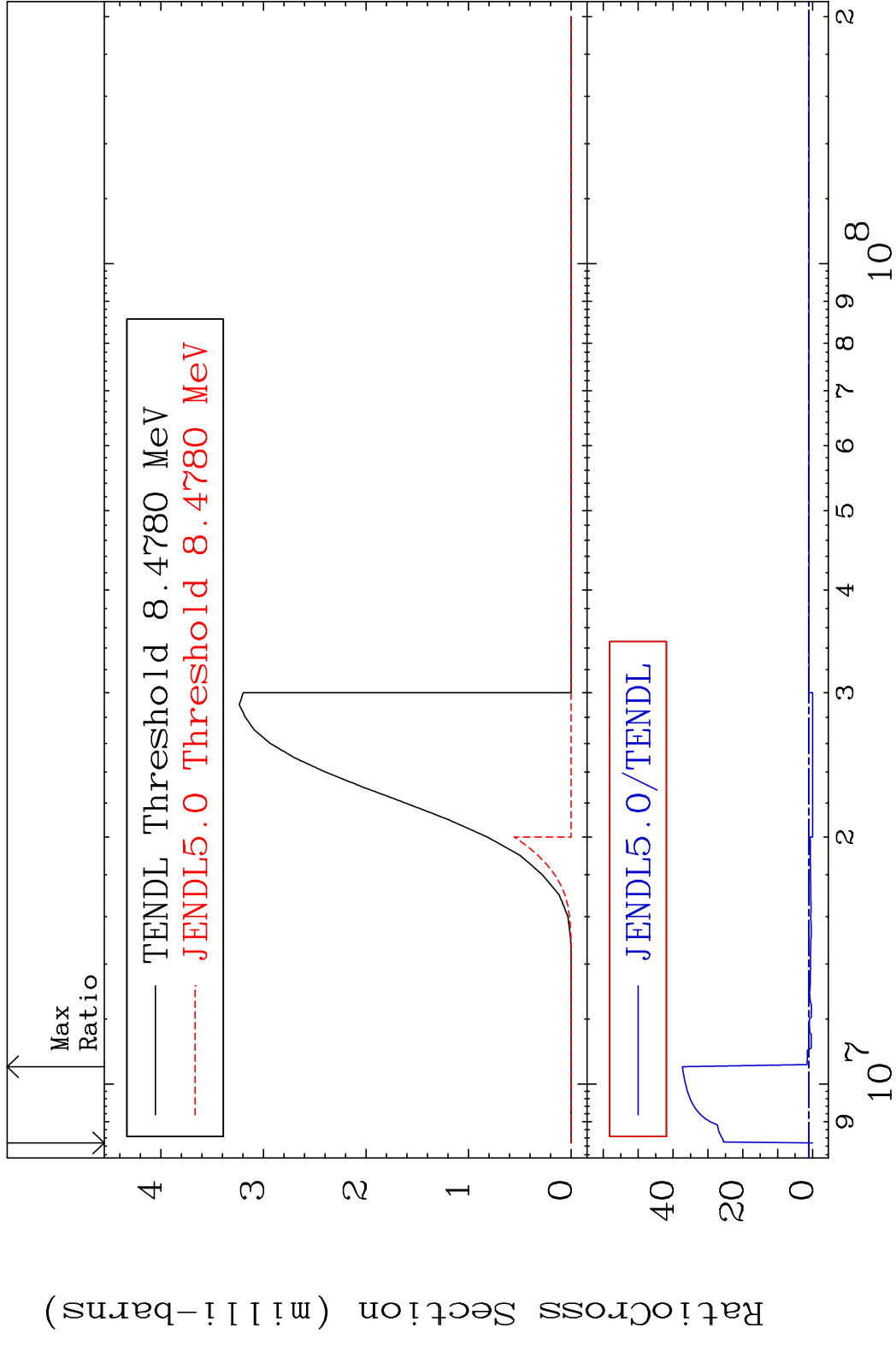
MAT 5631 (n, n') d:55-Cs-130g 56-Ba-132
 Radionuclide Production Cross Section 180.0 dth 291.0 %



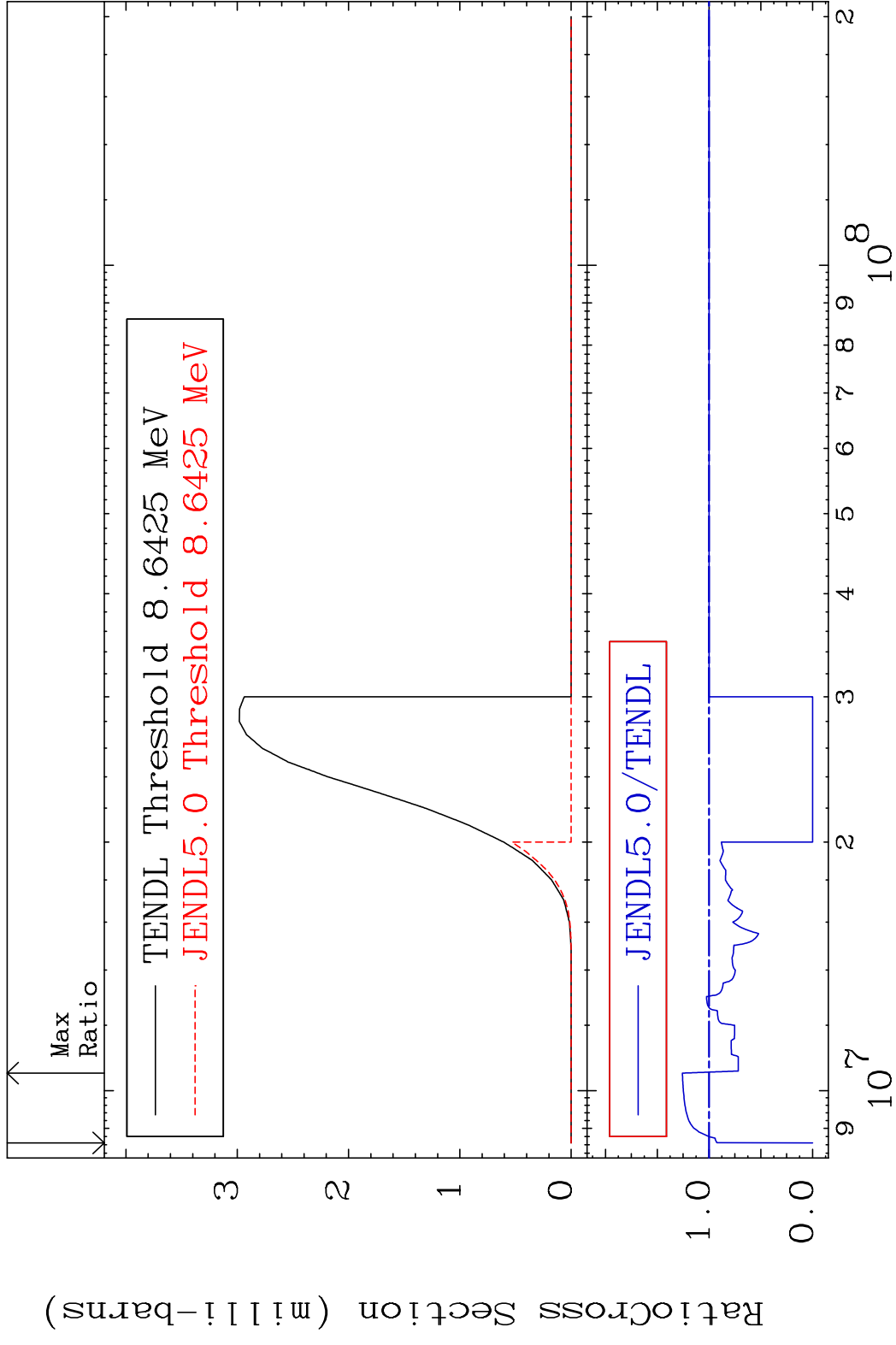
MAT 5631 (n, n') d:55-Cs-130m4 56-Ba-132
 Radionuclide Production Cross Section 180.0 dth 123.0 %



MAT 5631 (n, t):55-Cs-130g 56-Ba-132
 Radionuclide Production Cross Section 180.0 mb 3634. %

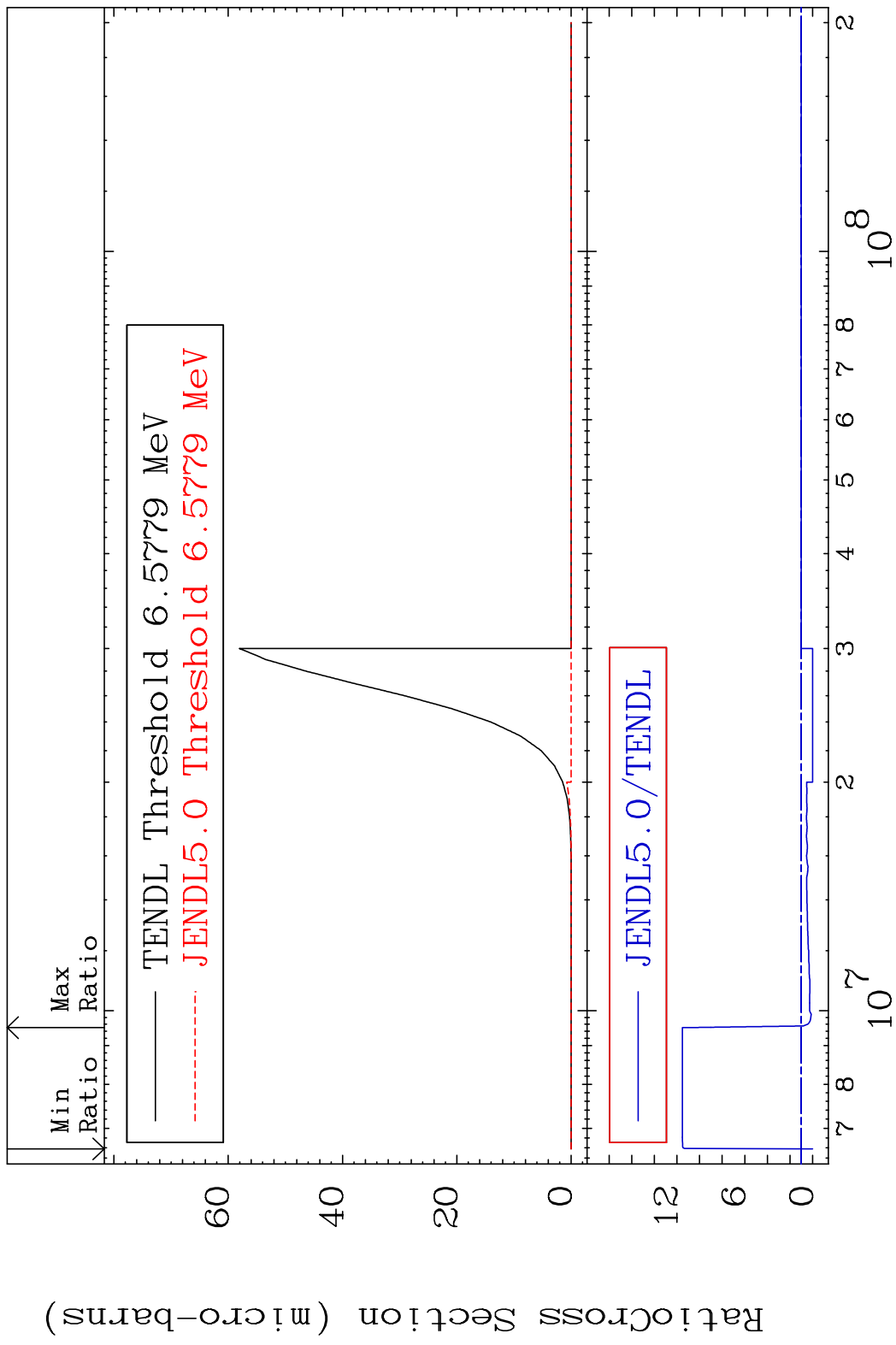


MAT 5631 (n, t):55-Cs-130m4 56-Ba-132
 Radionuclide Production Cross Section Ratio 25.74 %



70 Incident Energy (eV) 56-Ba-132

MAT 5631 (n,2p):54-Xe-131g 56-Ba-132
 Radionuclide Production Cross Section 100.00 dth 1052. %



MAT 5631 (n, 2p):54-Xe-131m2 56-Ba-132
 Radionuclide Production Cross Section 100.0 dth 104.2 %

