

Program Complot
(Version 2021-1)

by

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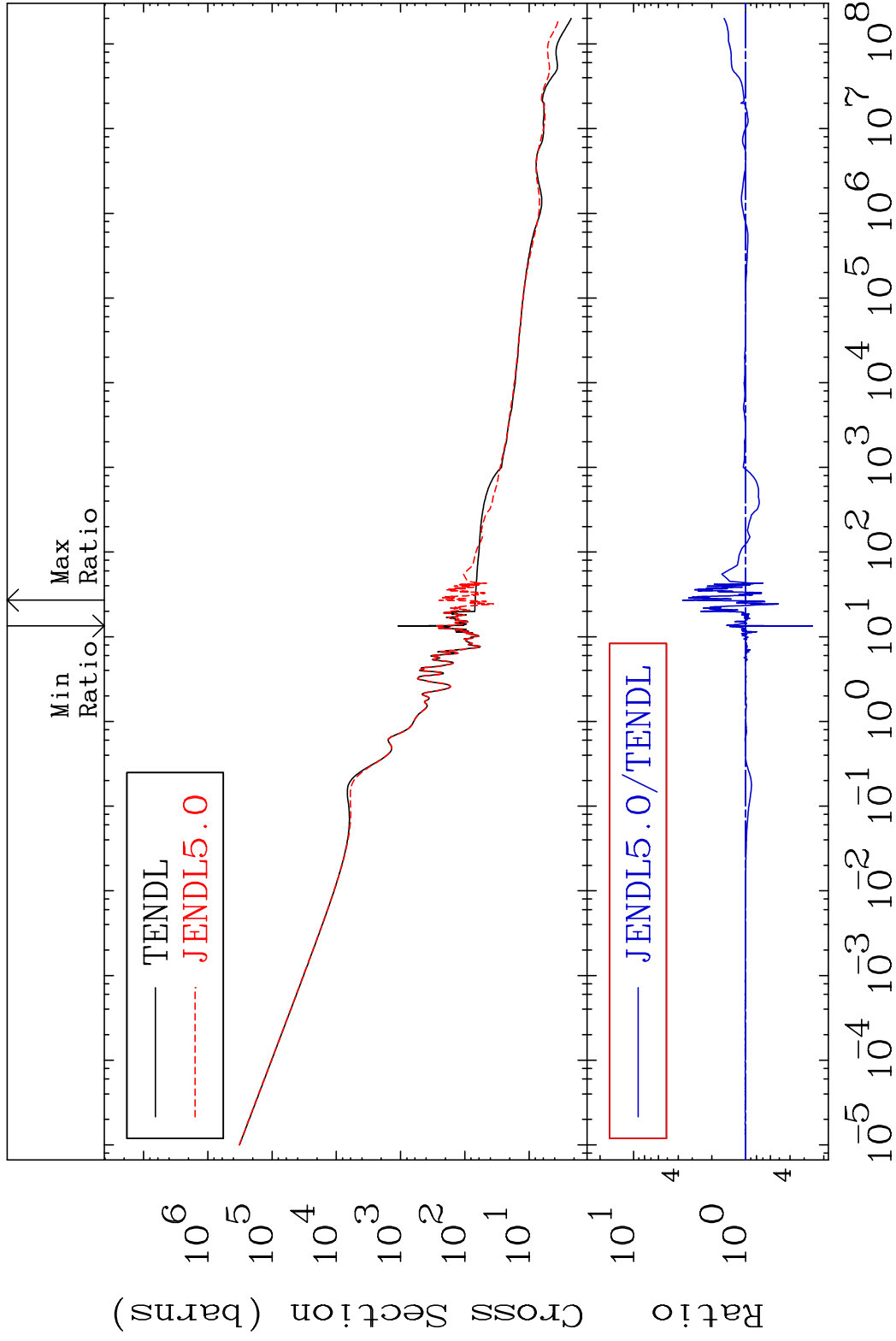
Press Mouse Button to Start

MAT 9547

Total

95-Am-242m

Cross Section -74.78 To 267.2 %



1

Incident Energy (eV)

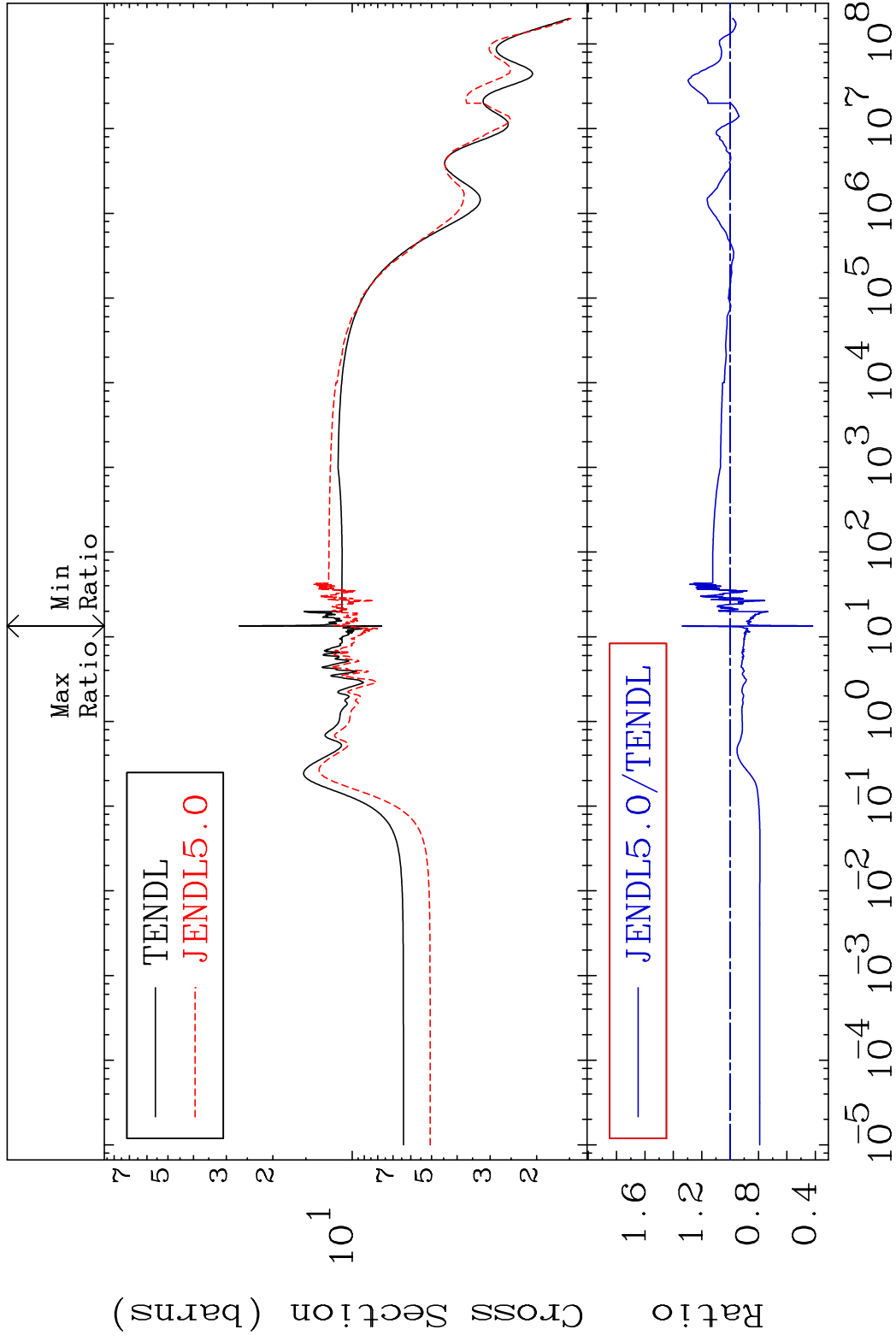
95-Am-242m

MAT 9547

Elastic

95-Am-242m

Cross Section -58.11 To 33.64 %



2

Incident Energy (eV)

95-Am-242m

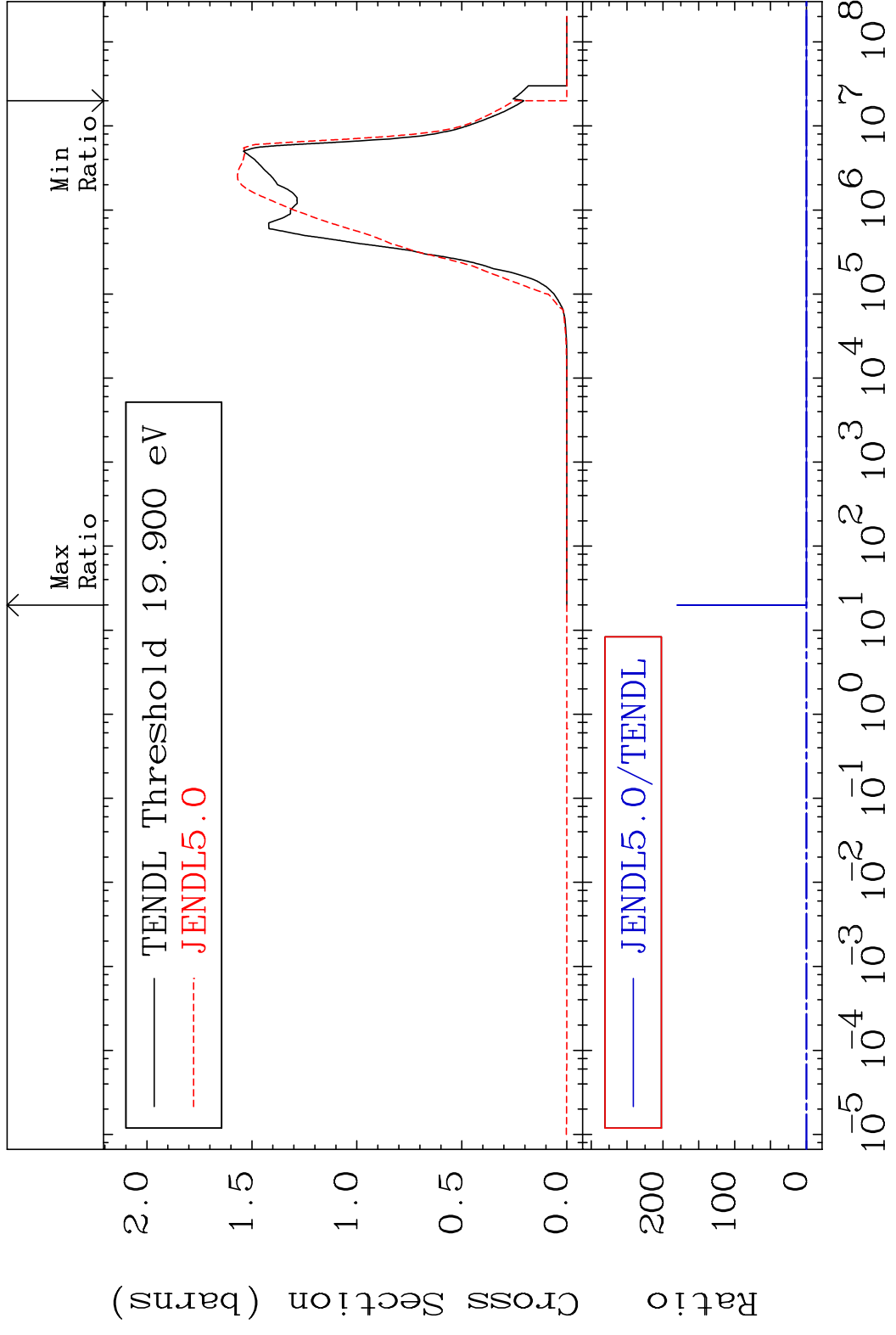
MAT 9547

Inelastic

95-Am-242m

Cross Section

-100.0 To 9999. %



3

Incident Energy (eV)

95-Am-242m

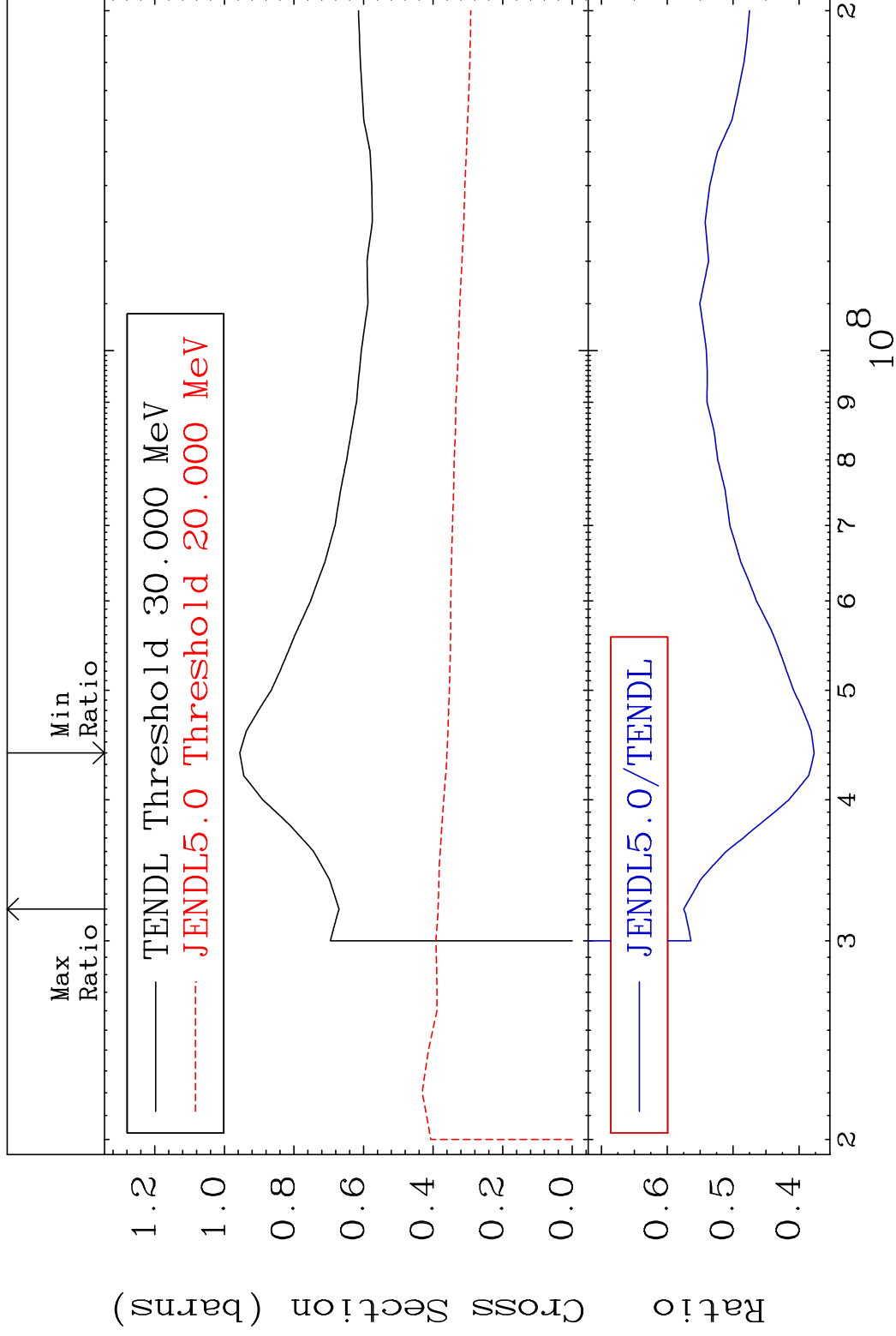
MAT 9547

(n, remainder)

95-Am-242m

Cross Section

-62.30 To -42.49%

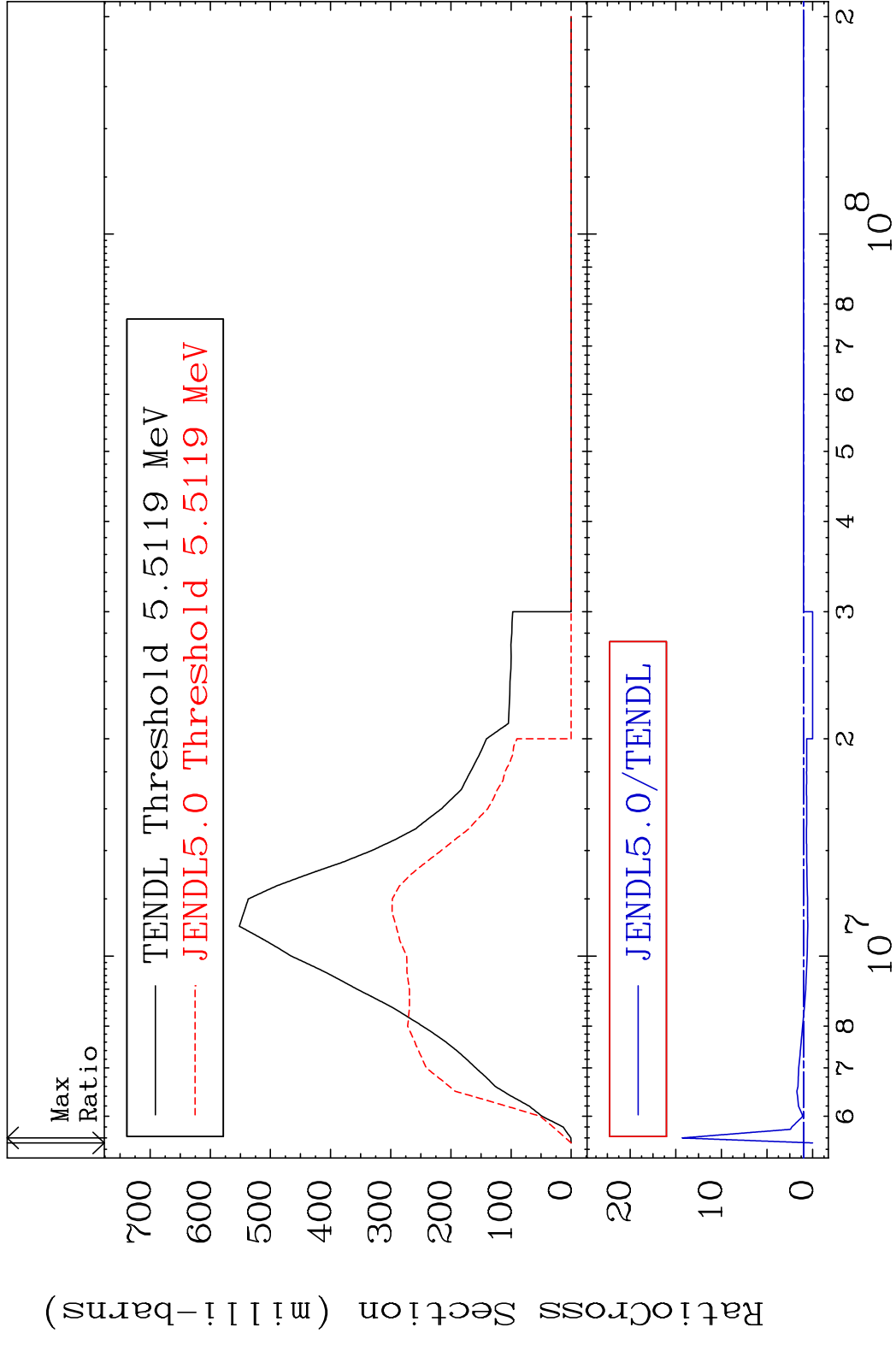


4

Incident Energy (eV)

95-Am-242m

MAT 9547 (n,2n) 95-Am-242m
 Cross Section -100.0 To 1327. %



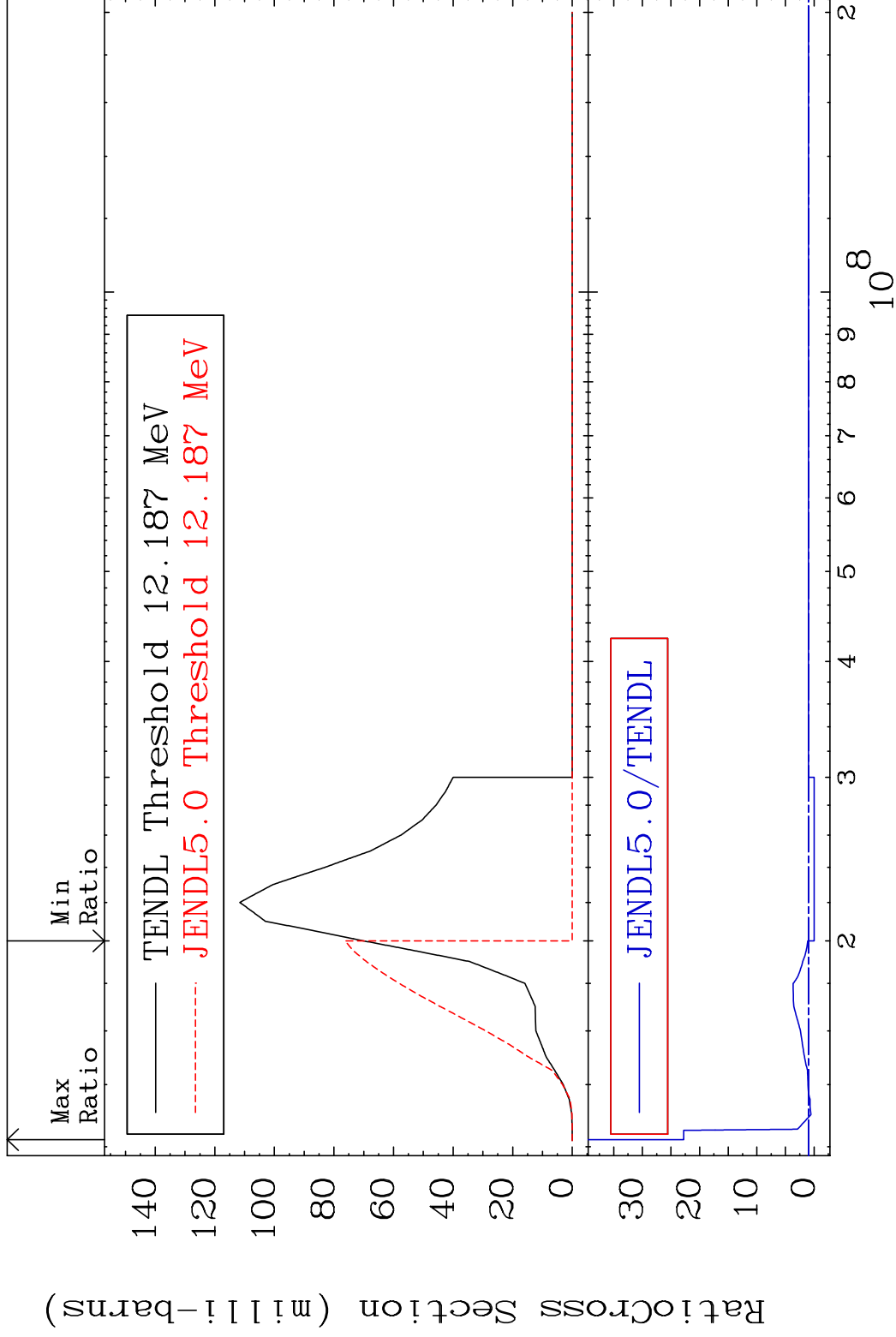
5 6 7 8 10⁷ 10⁸ 95-Am-242m

MAT 9547

(n,3n)

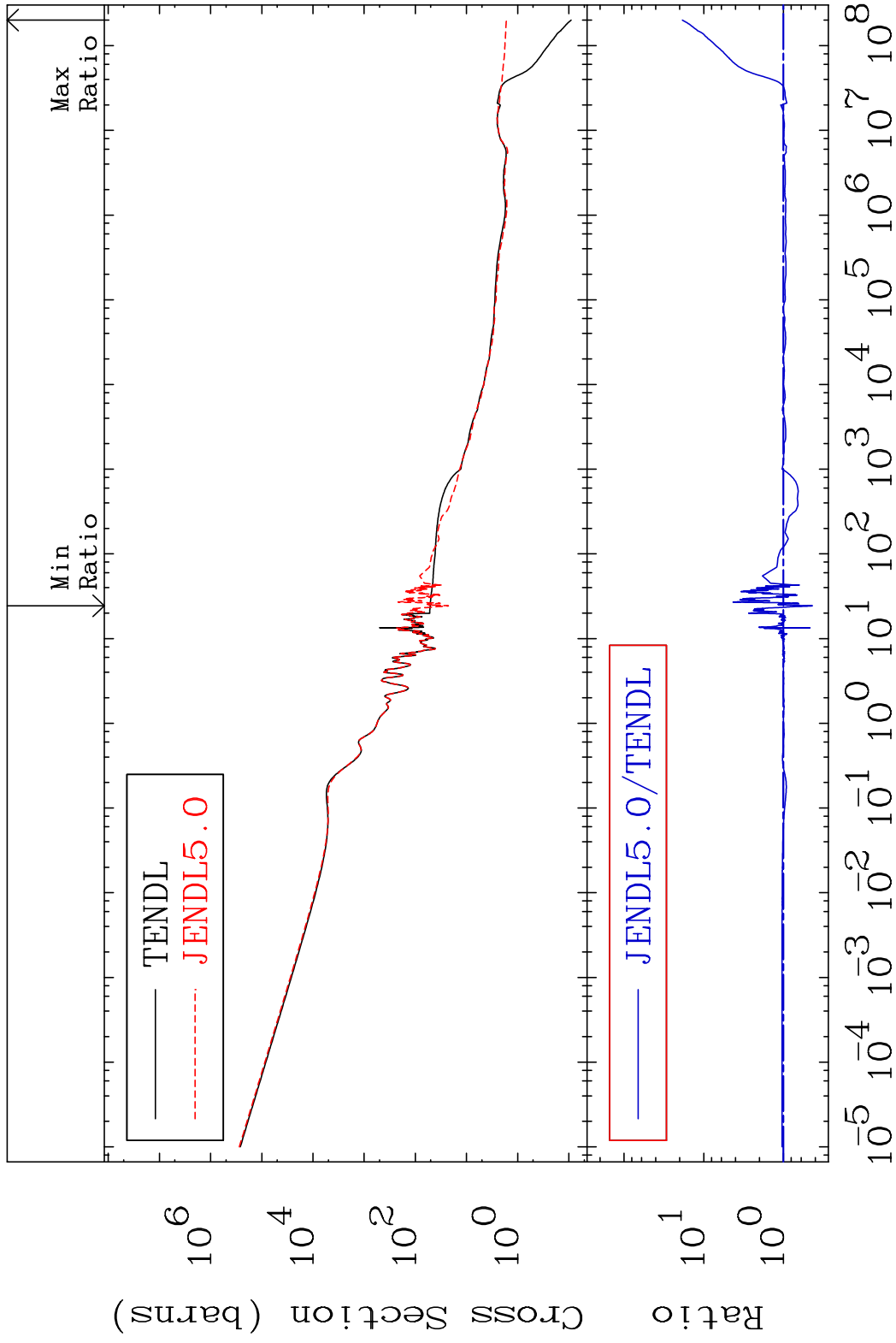
95-Am-242m

Cross Section -100.0 To 2178. %



MAT 9547

Fission 95-Am-242m
Cross Section -56.75 To 1754. %



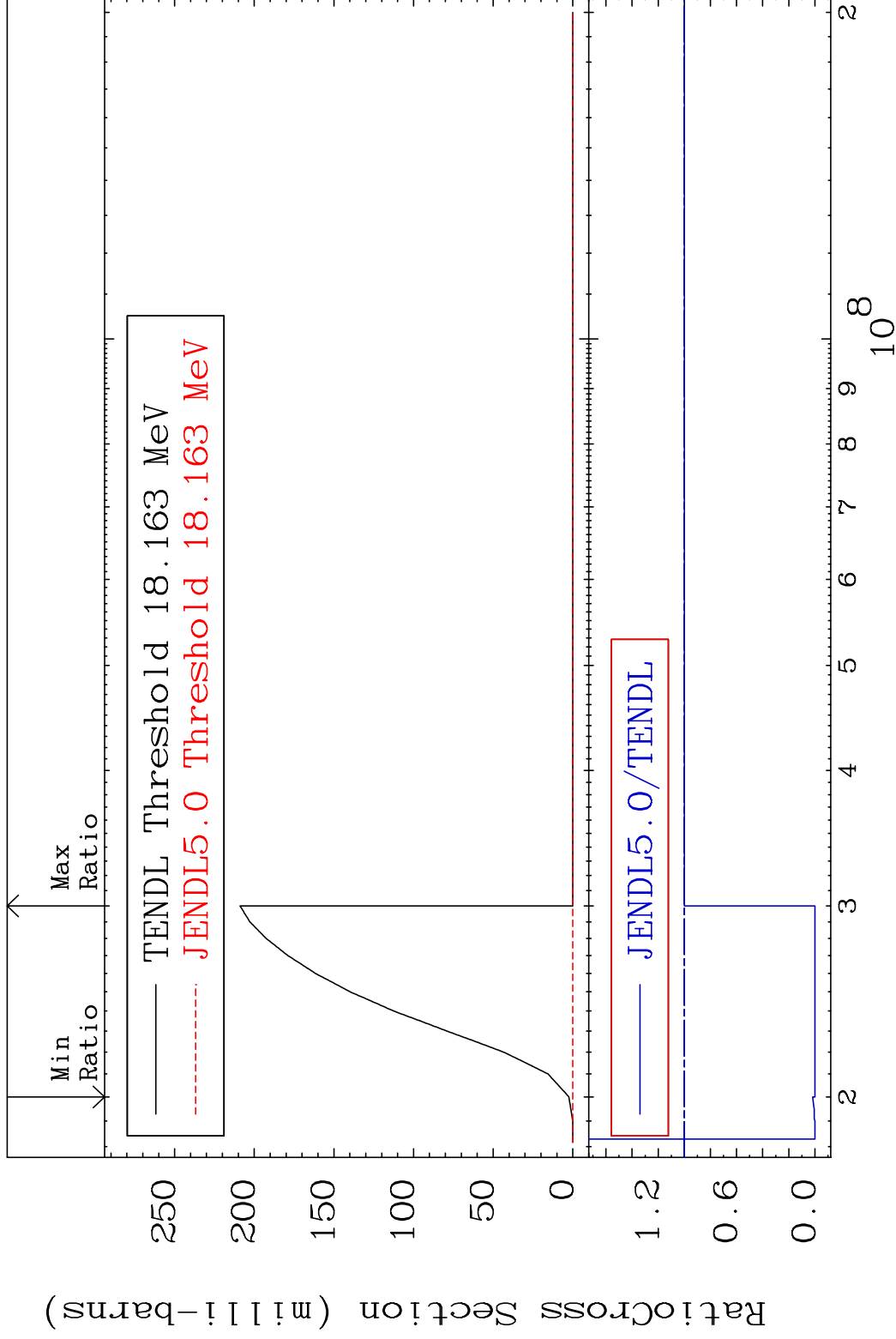
7 Incident Energy (eV) 95-Am-242m

MAT 9547

(n, 4n)

95-Am-242m

Cross Section -100.0 To 0.000 %

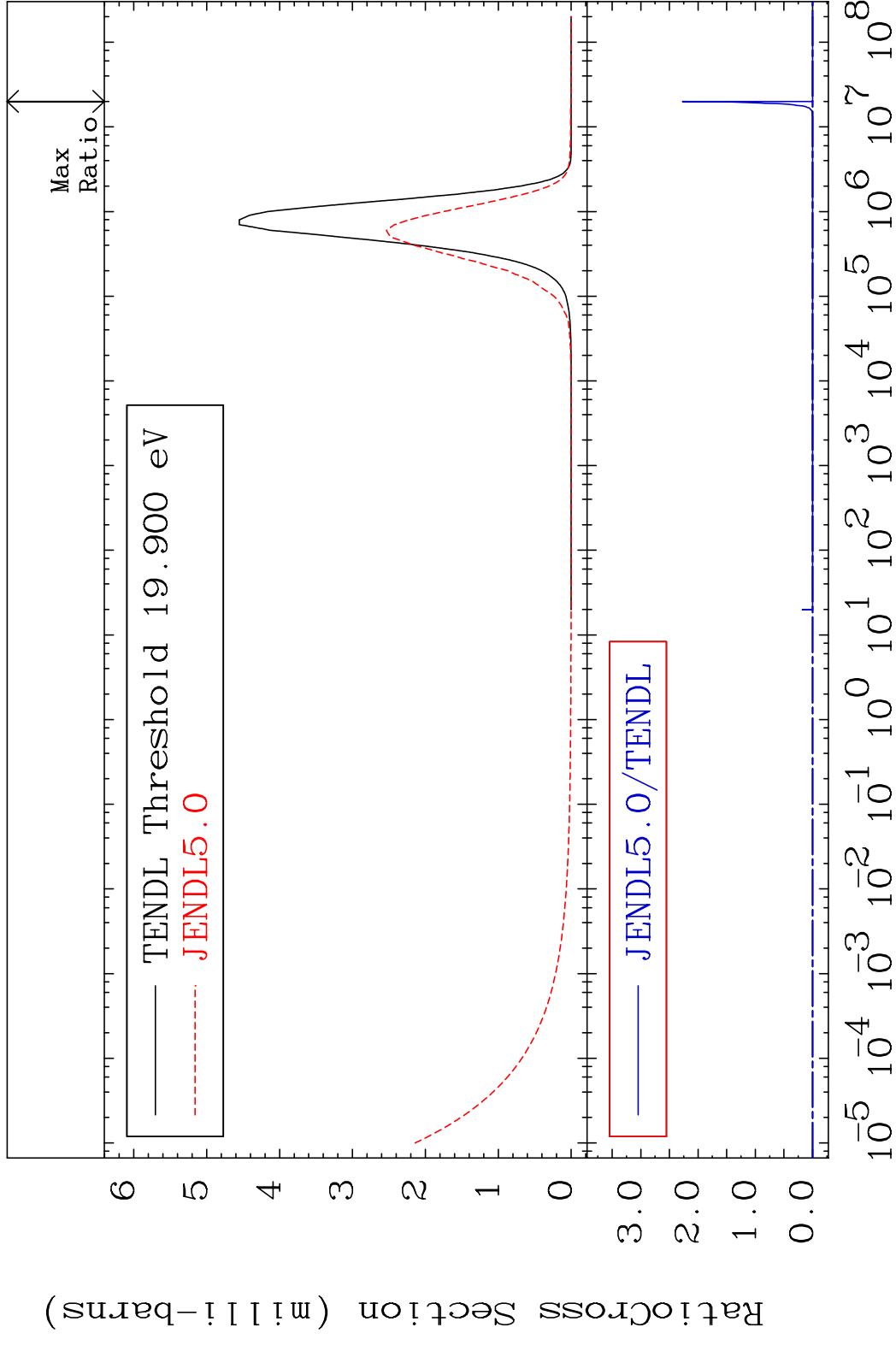


8

Incident Energy (eV)

95-Am-242m

MAT 9547 MT= 51 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

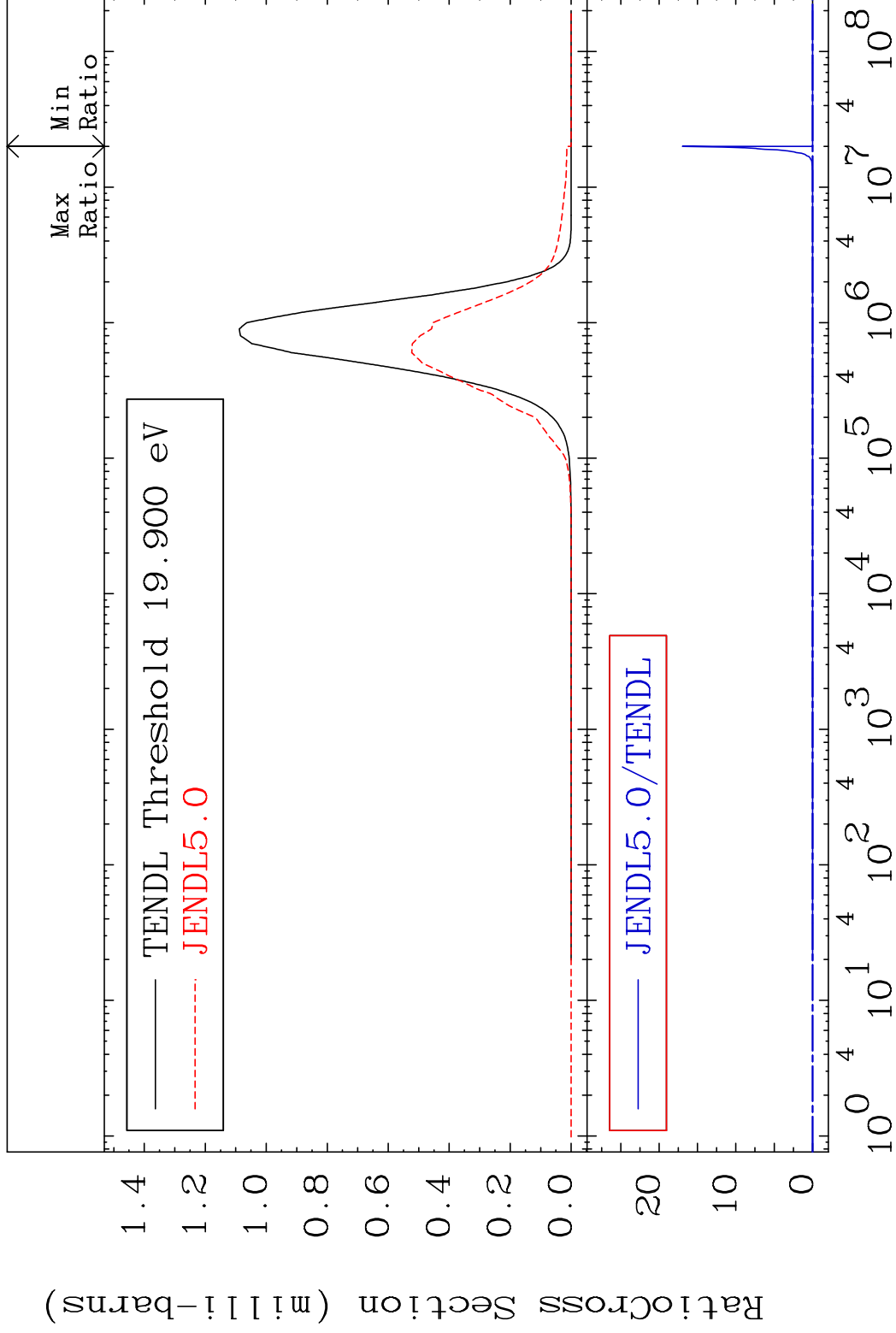


MAT 9547

MT= 52 (n, n') Level

95-Am-242m

Cross Section -100.0 To 9999. %

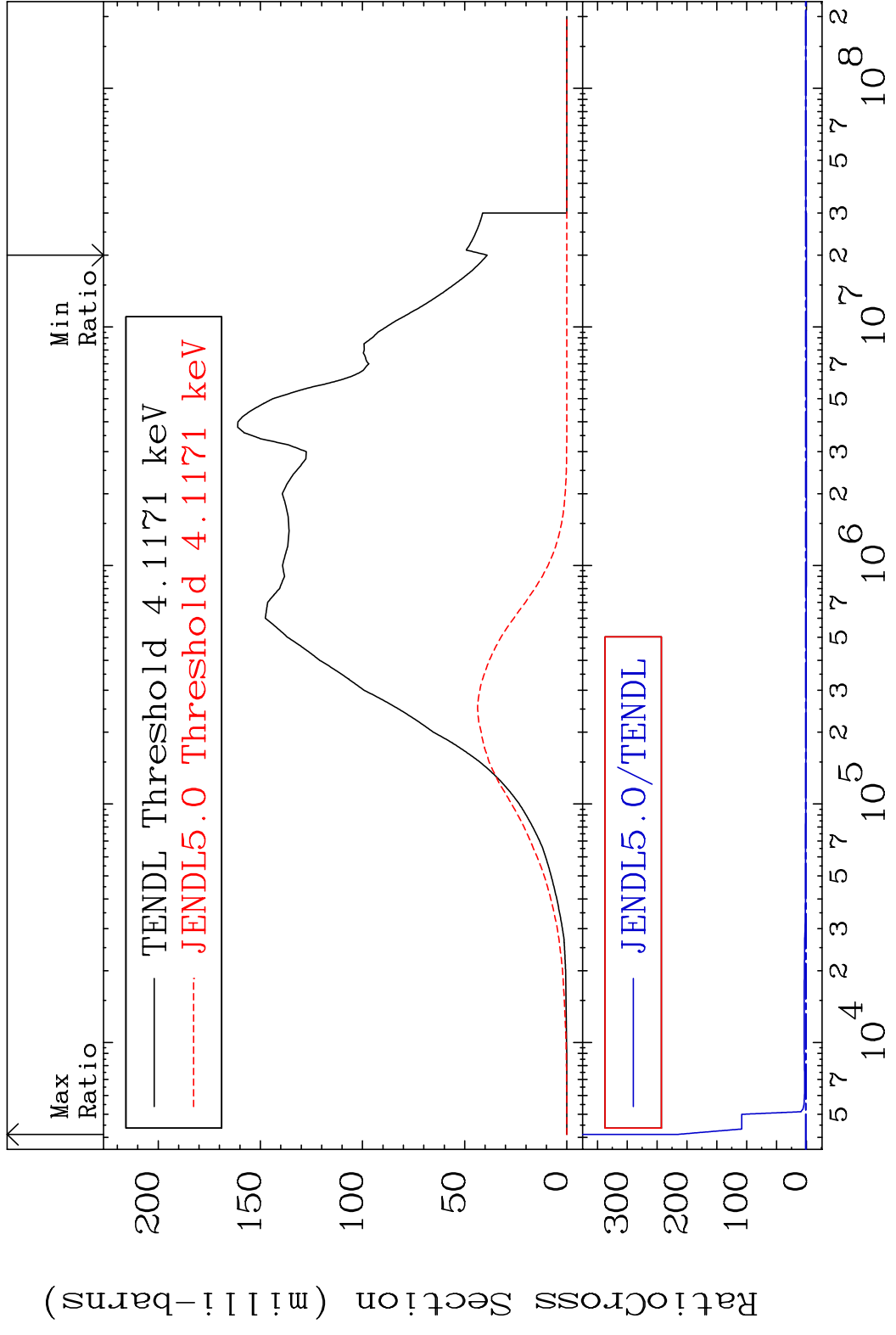


10

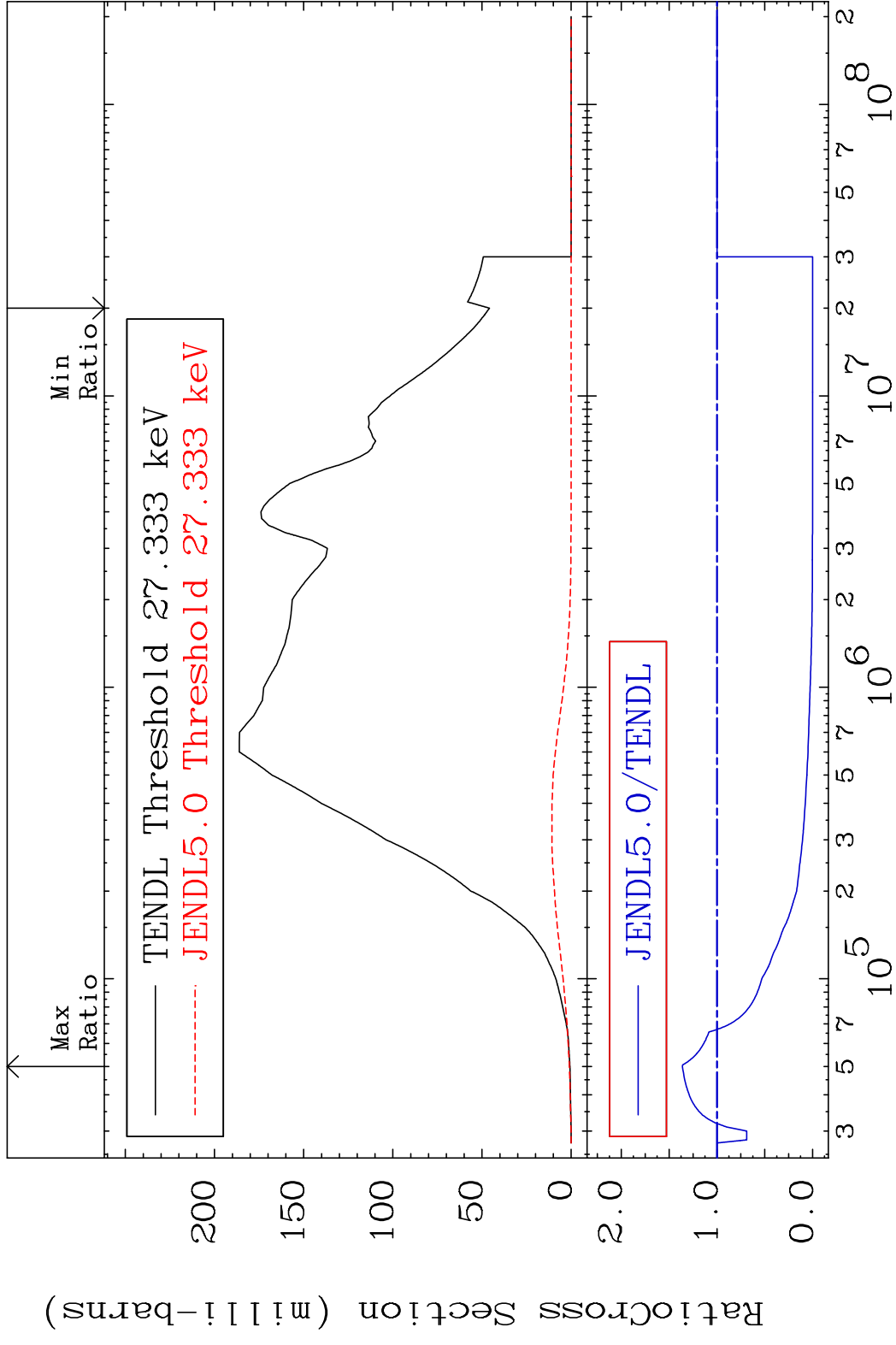
Incident Energy (eV)

95-Am-242m

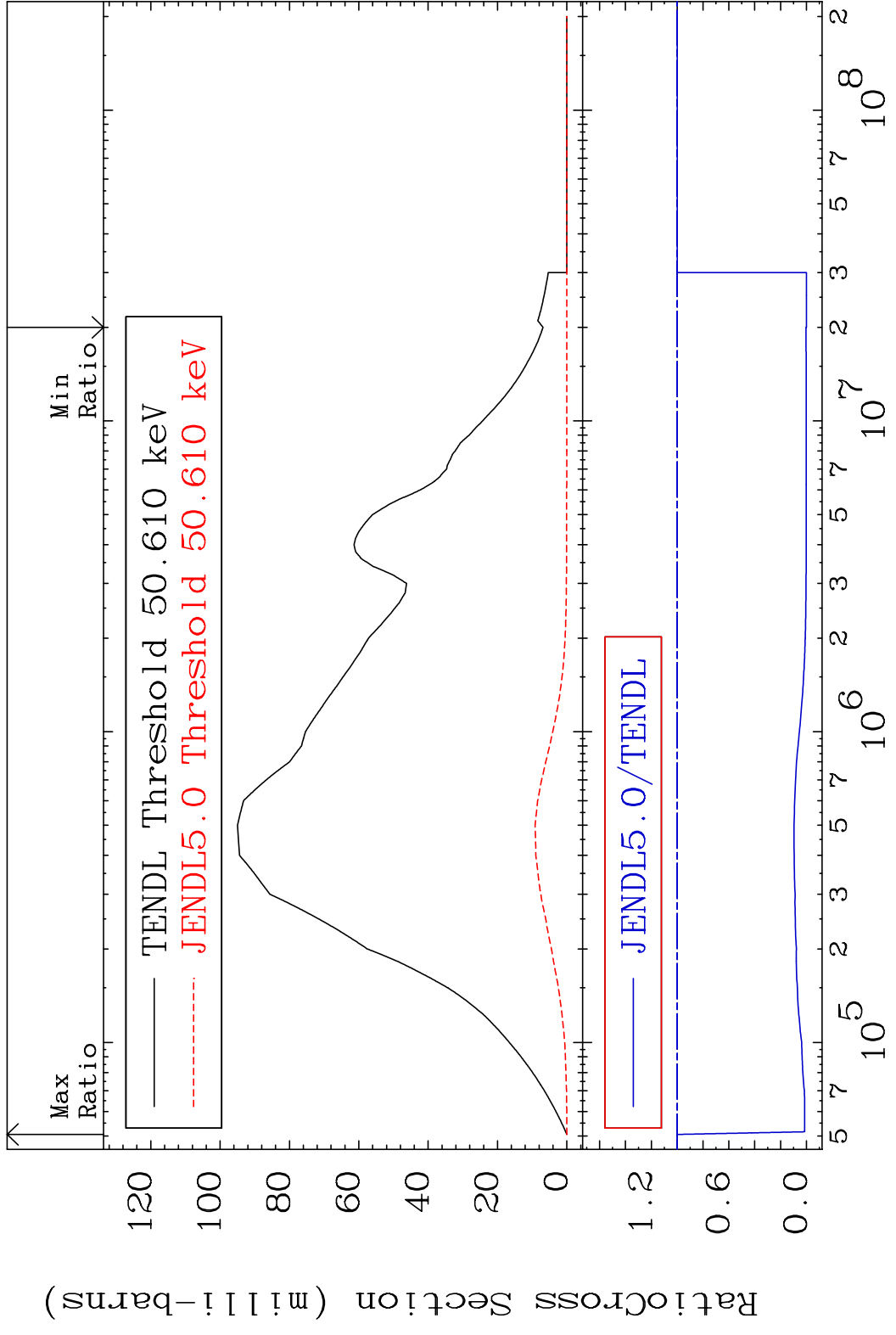
MAT 9547 MT= 53 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



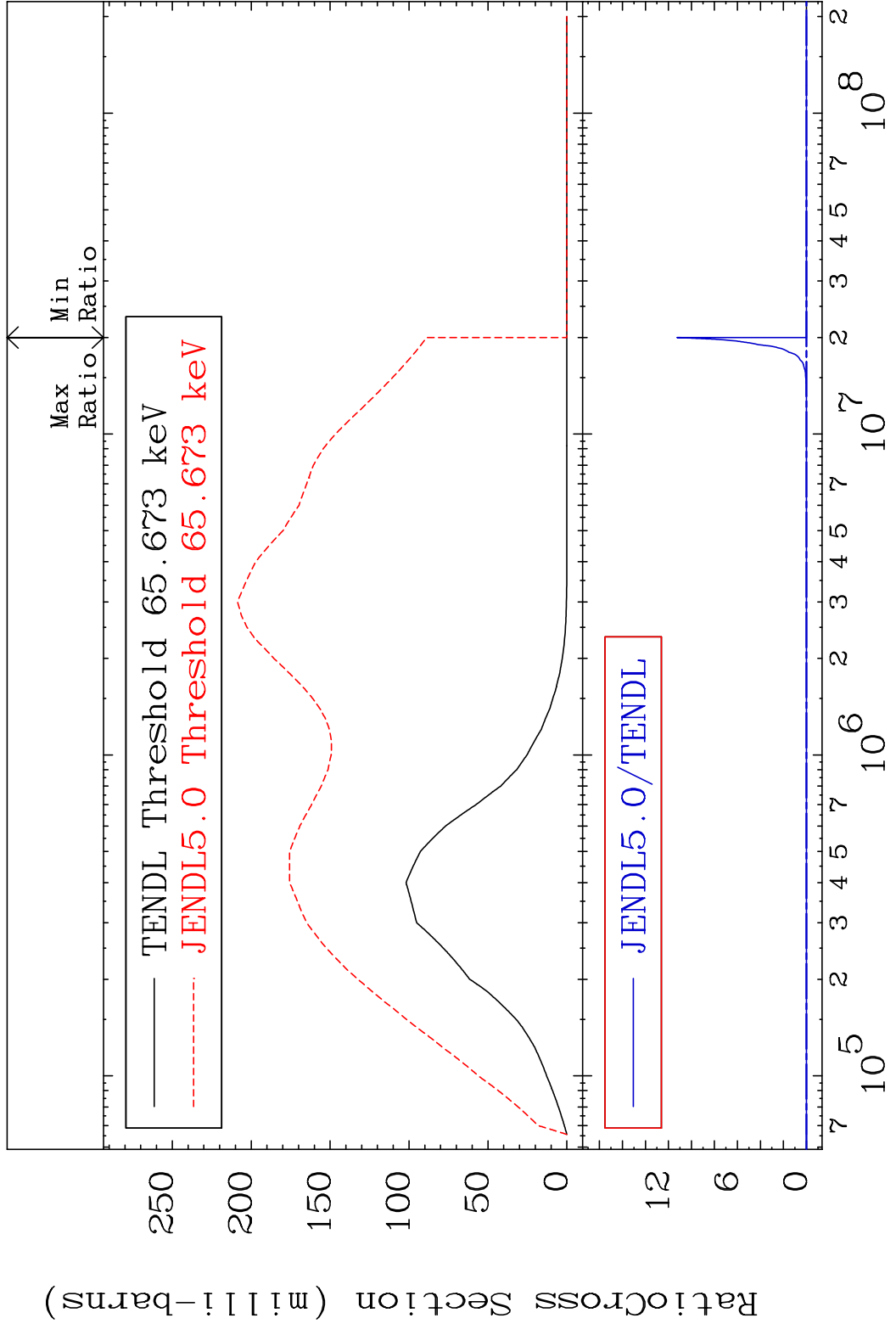
MAT 9547 MT= 54 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 36.18 %



MAT 9547 MT= 55 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 0.000 %

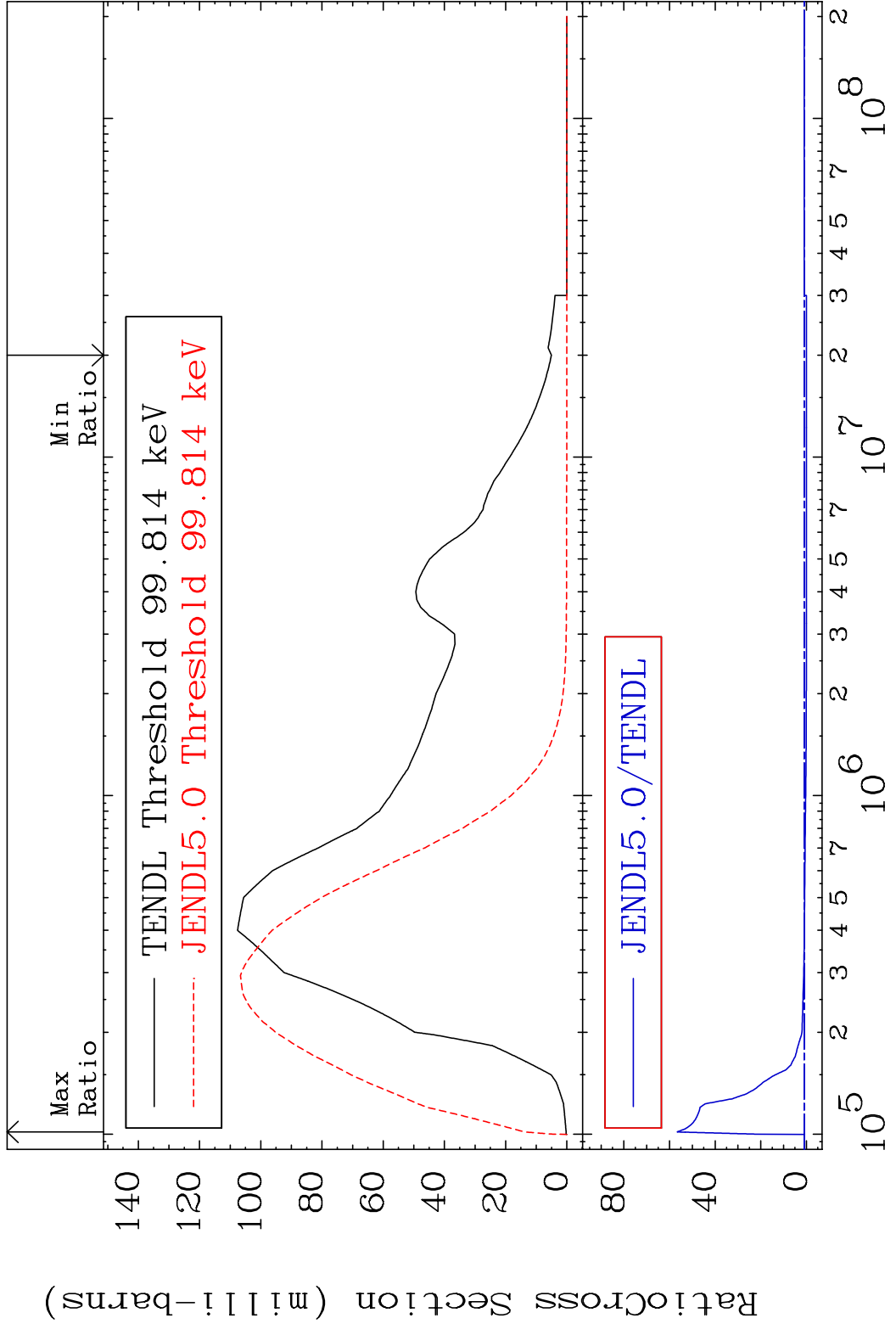


MAT 9547 MT= 56 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



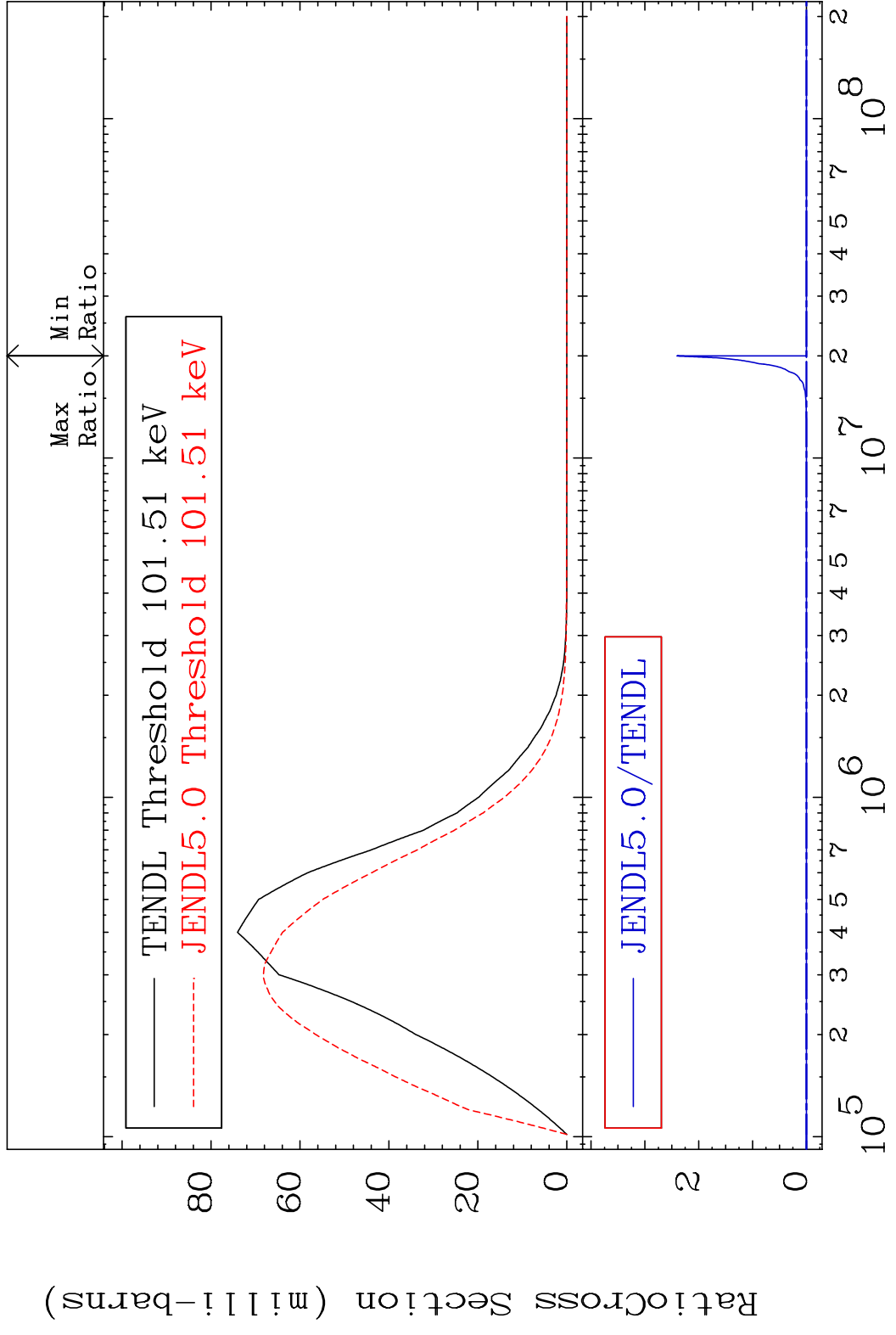
14 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 57 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 5564. %



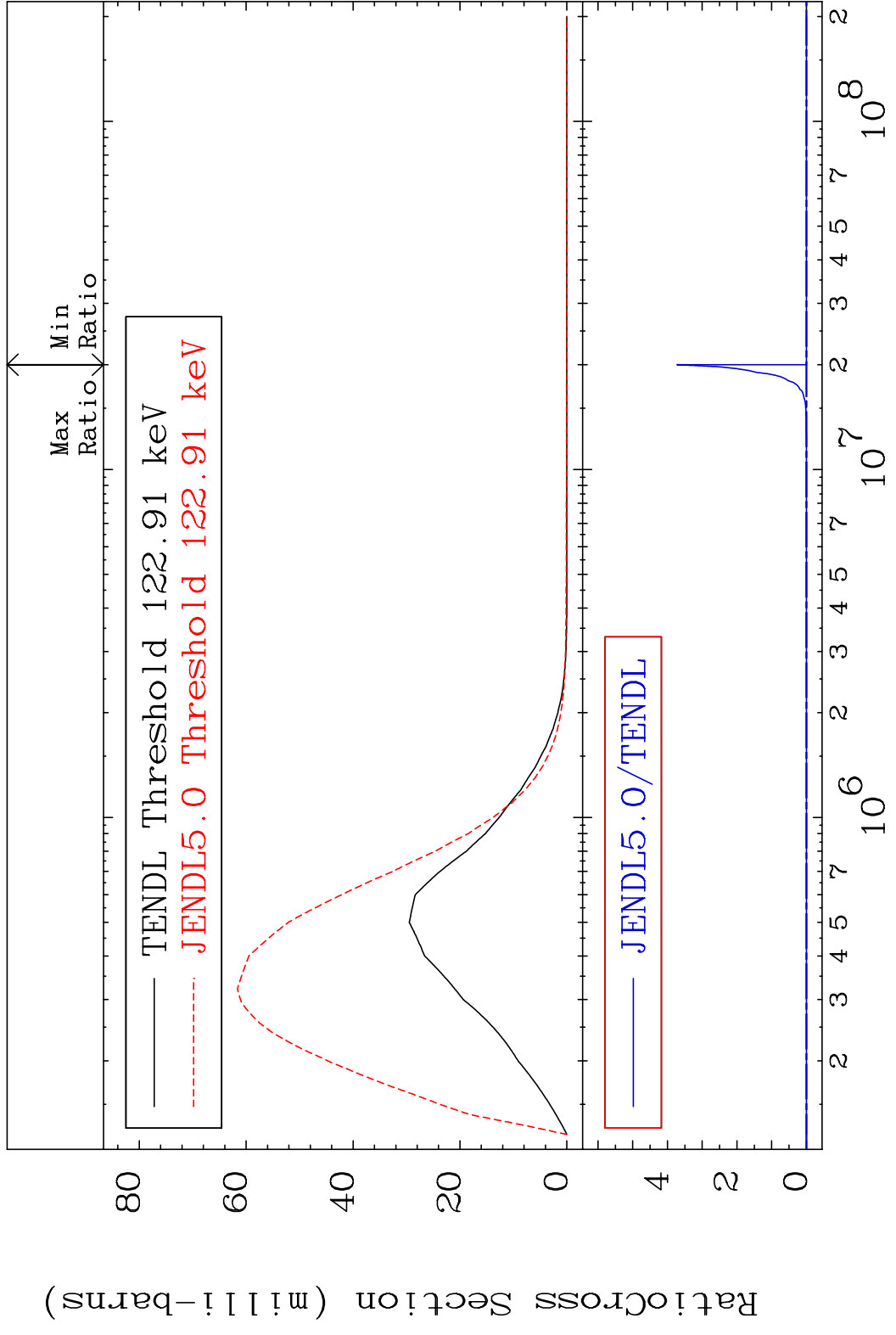
15 15 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 58 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

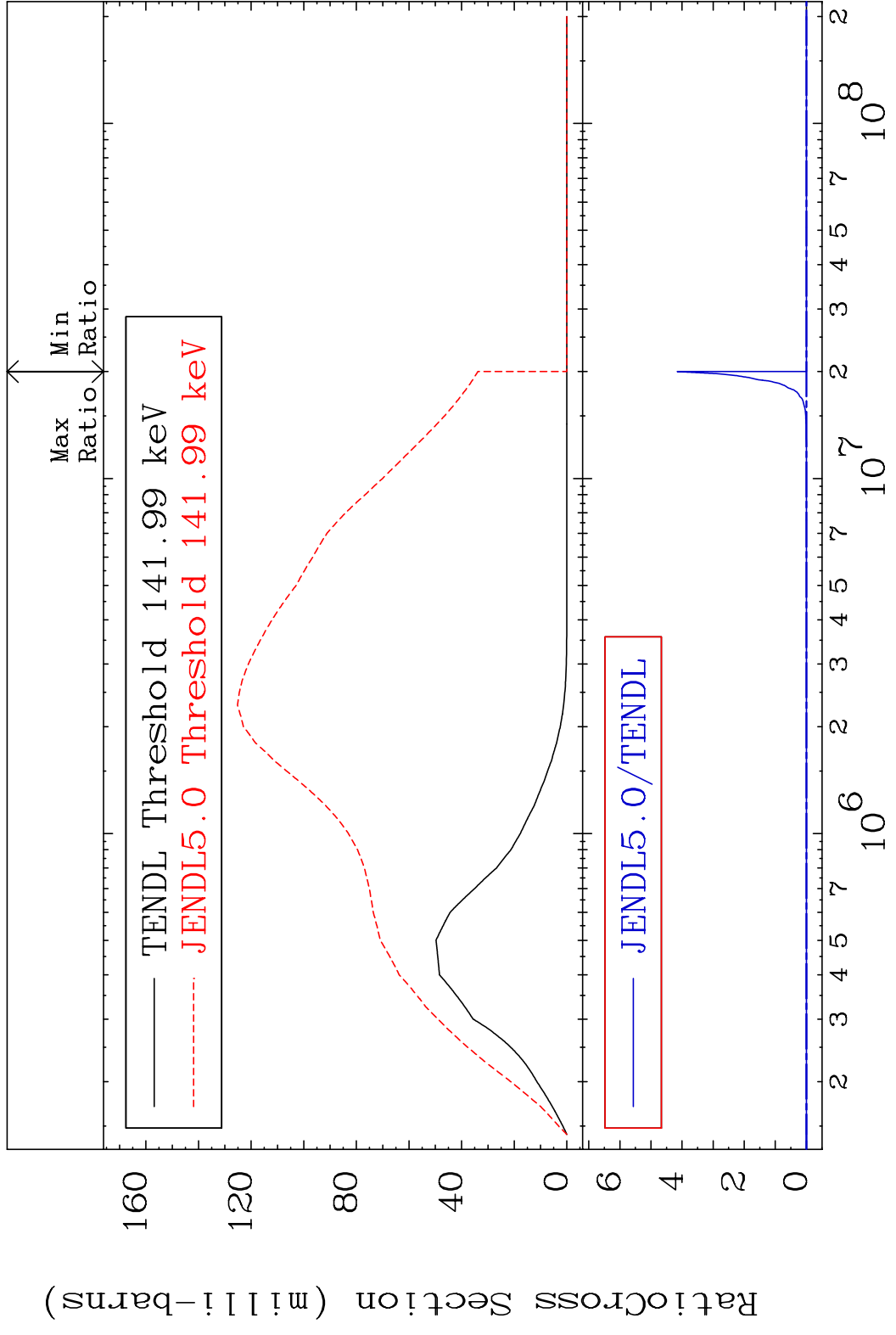


16 Incident Energy (eV) 95-Am-242m

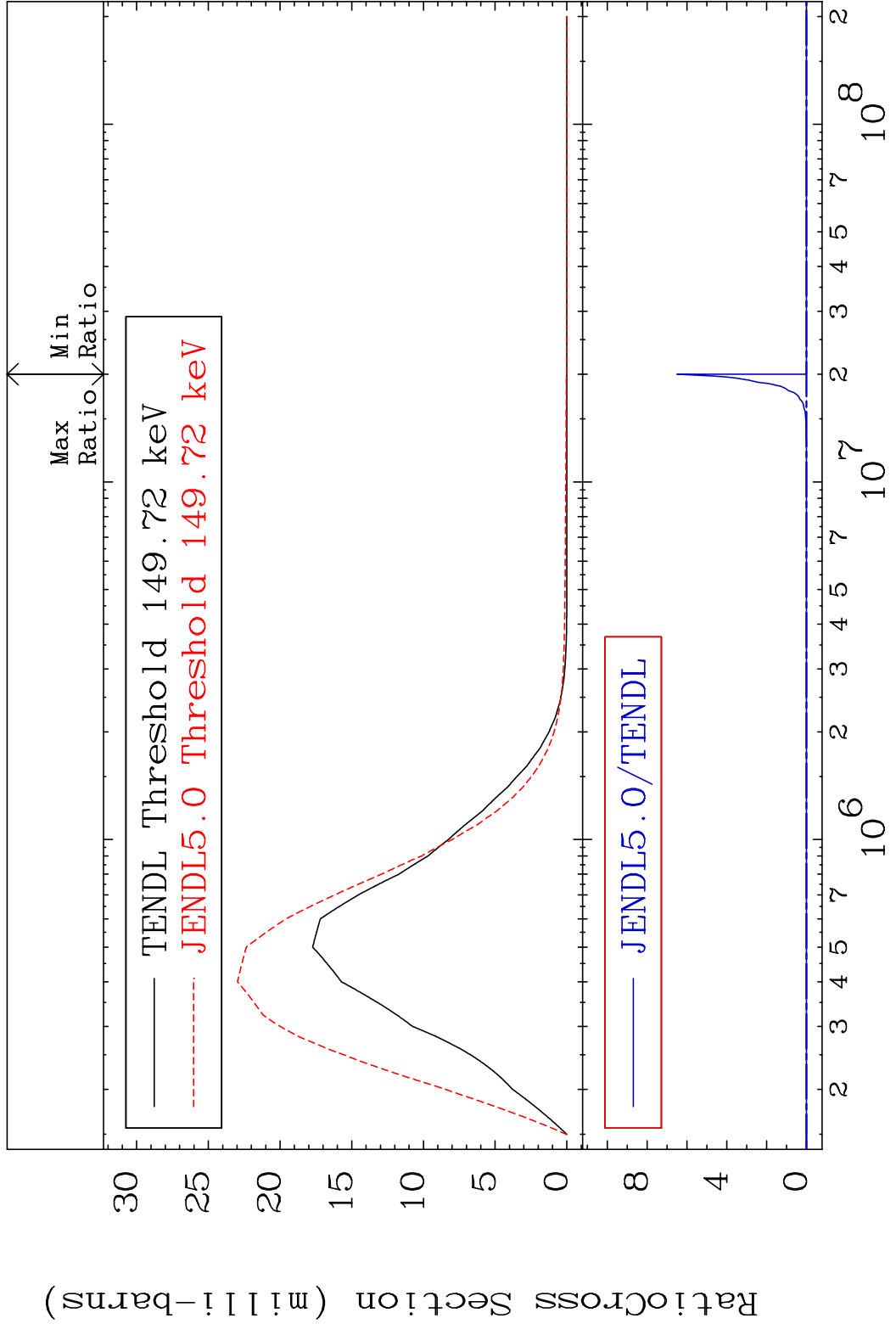
MAT 9547 MT= 59 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



MAT 9547 MT= 60 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

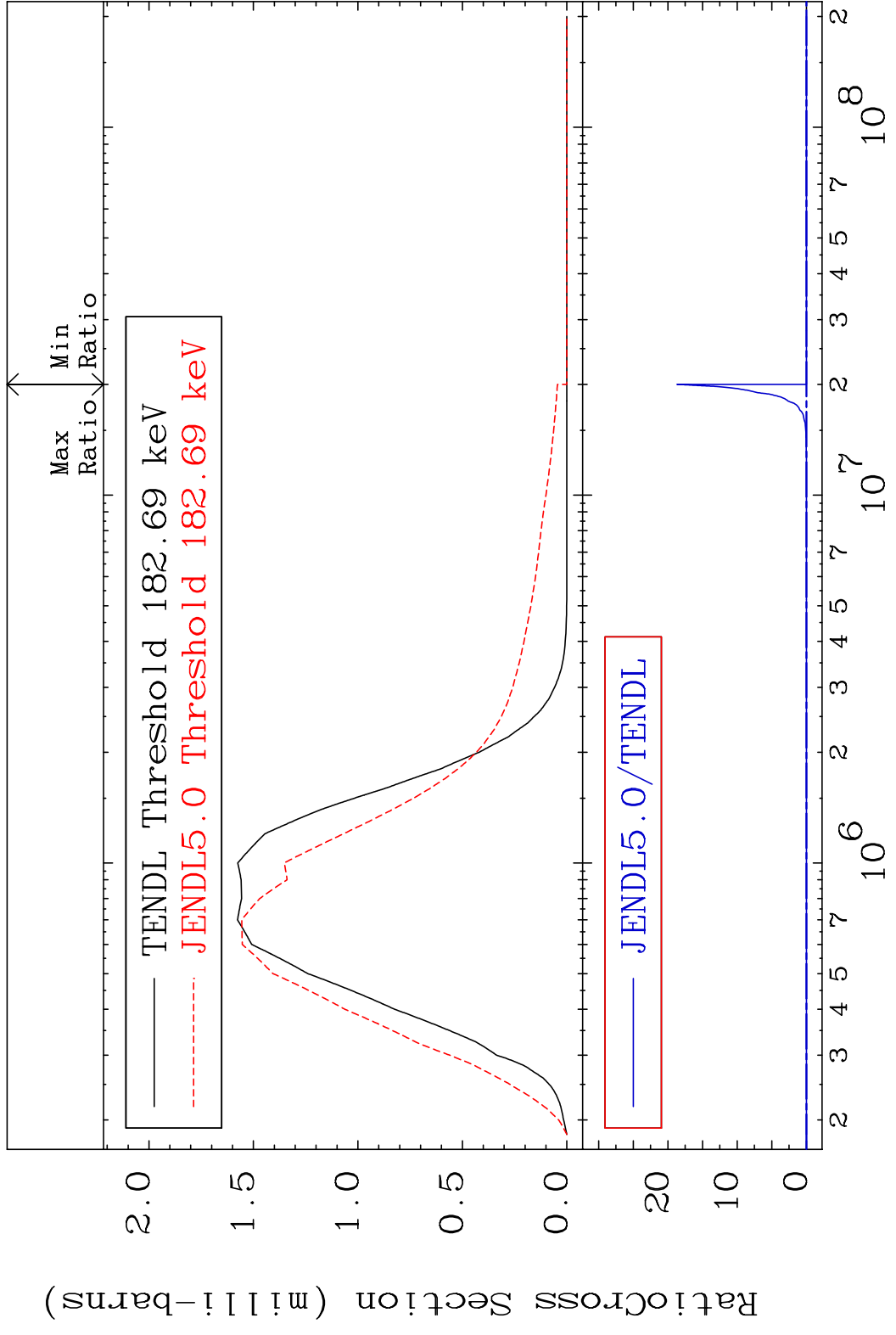


MAT 9547 MT= 61 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



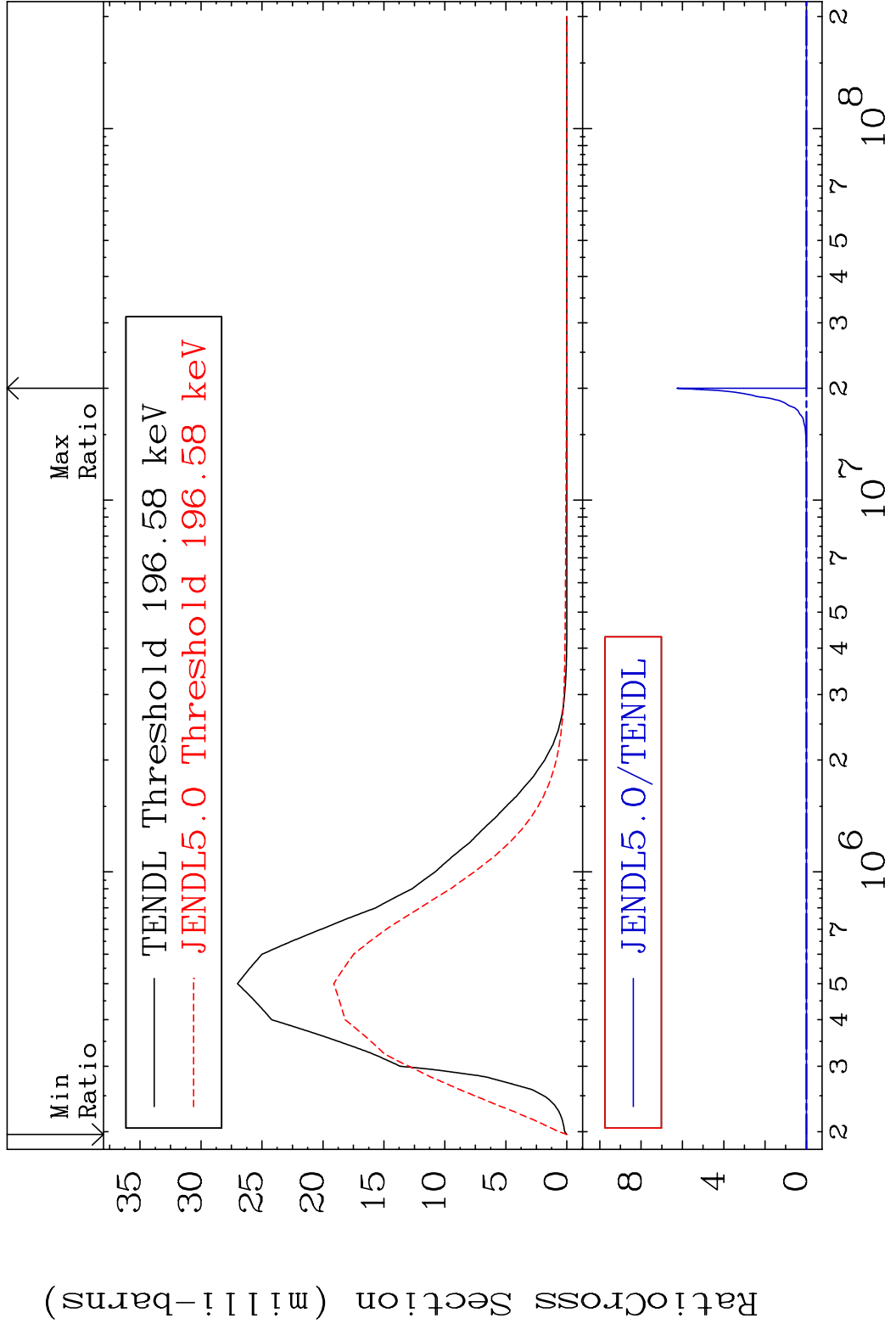
19 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 62 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

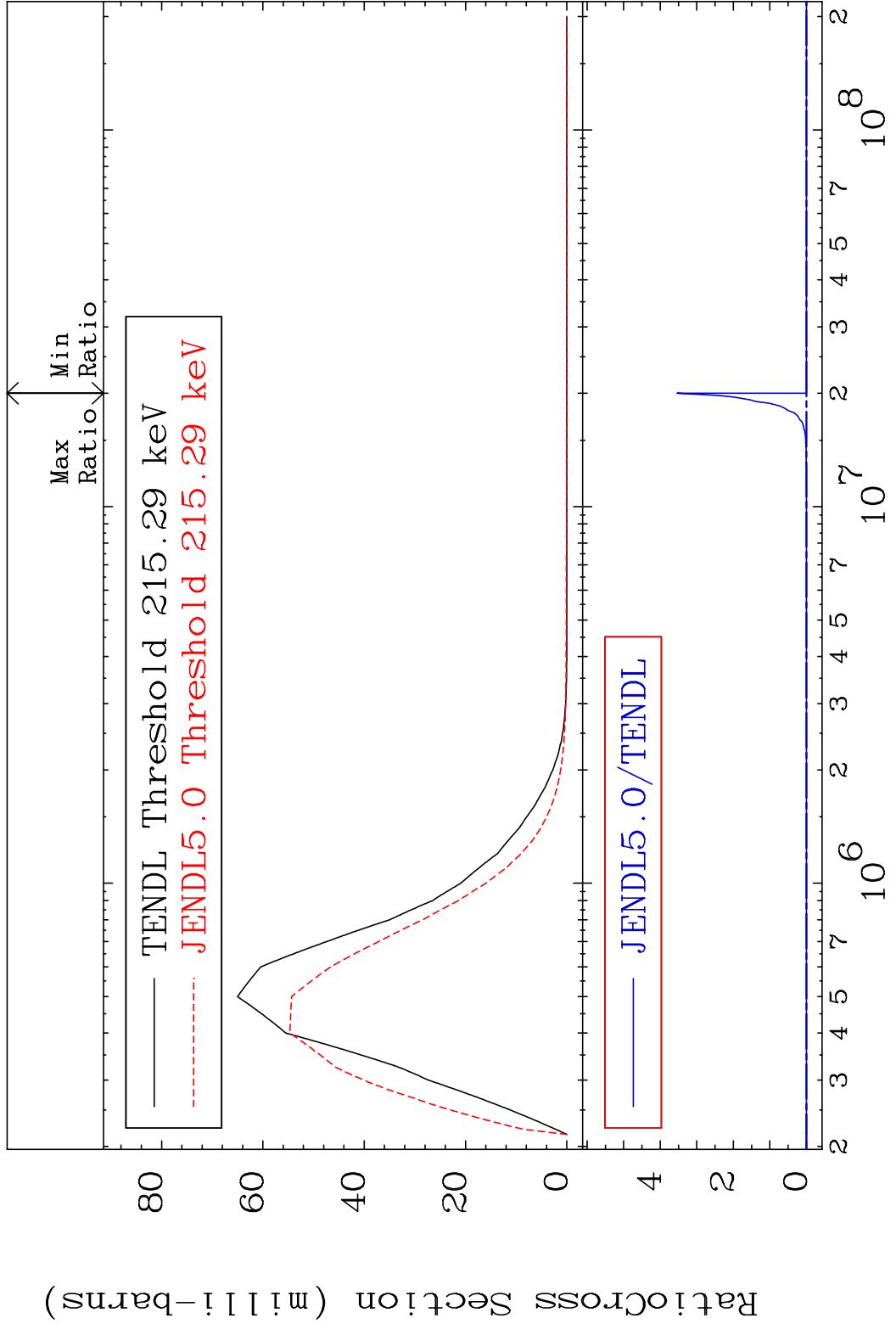


20 Incident Energy (eV) 95-Am-242m

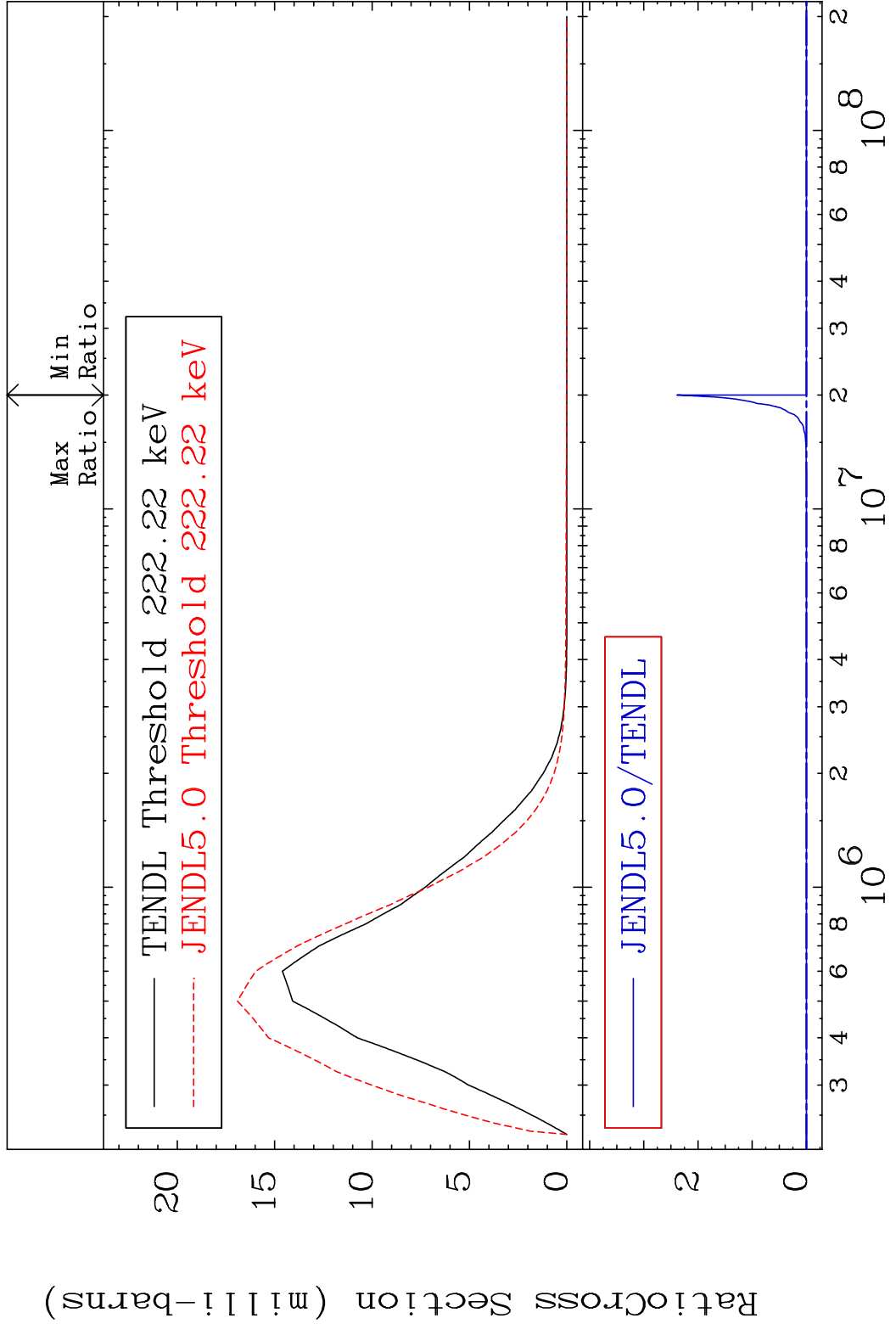
MAT 9547 MT= 63 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



MAT 9547 MT= 64 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

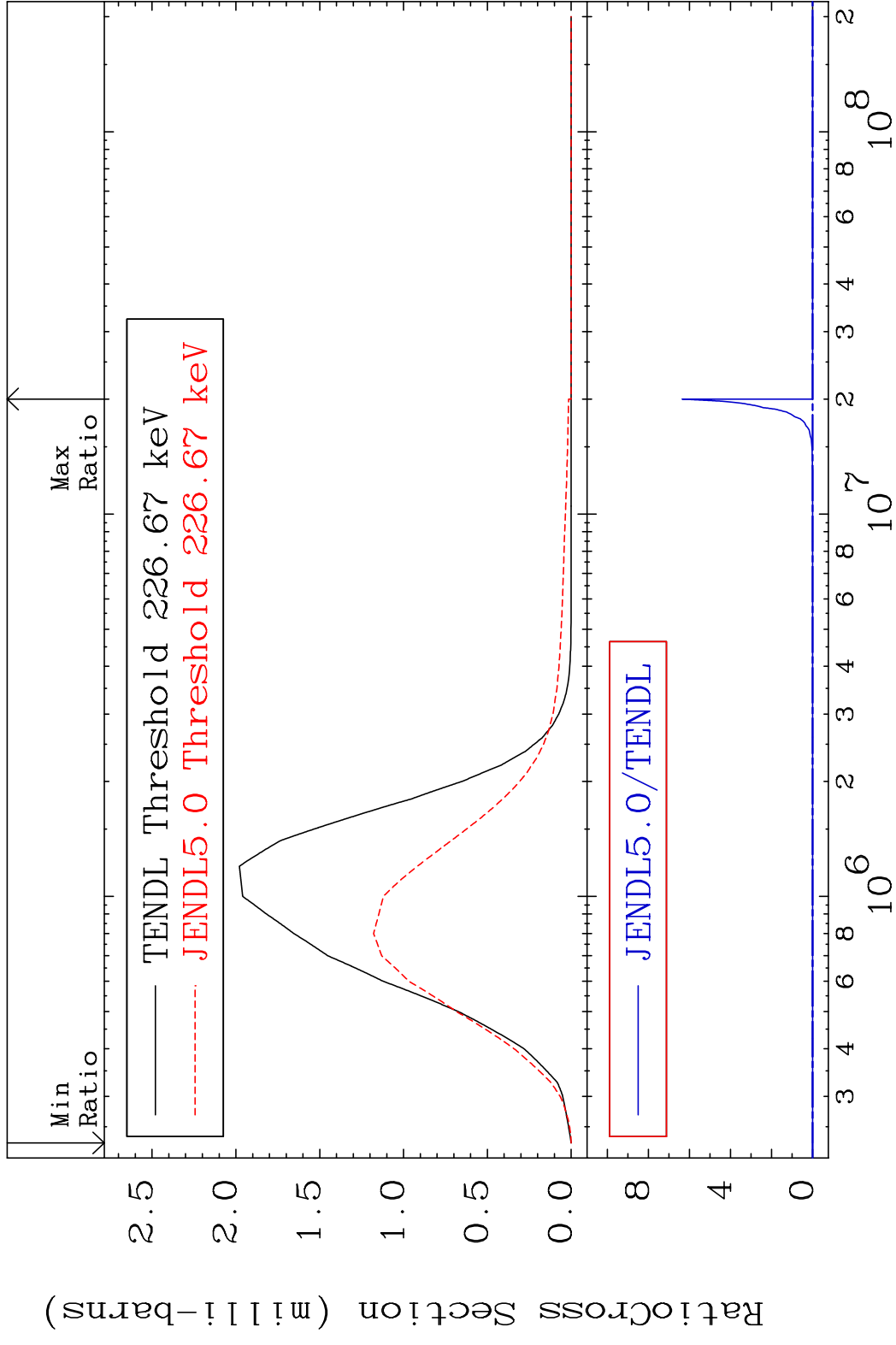


MAT 9547 MT= 65 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

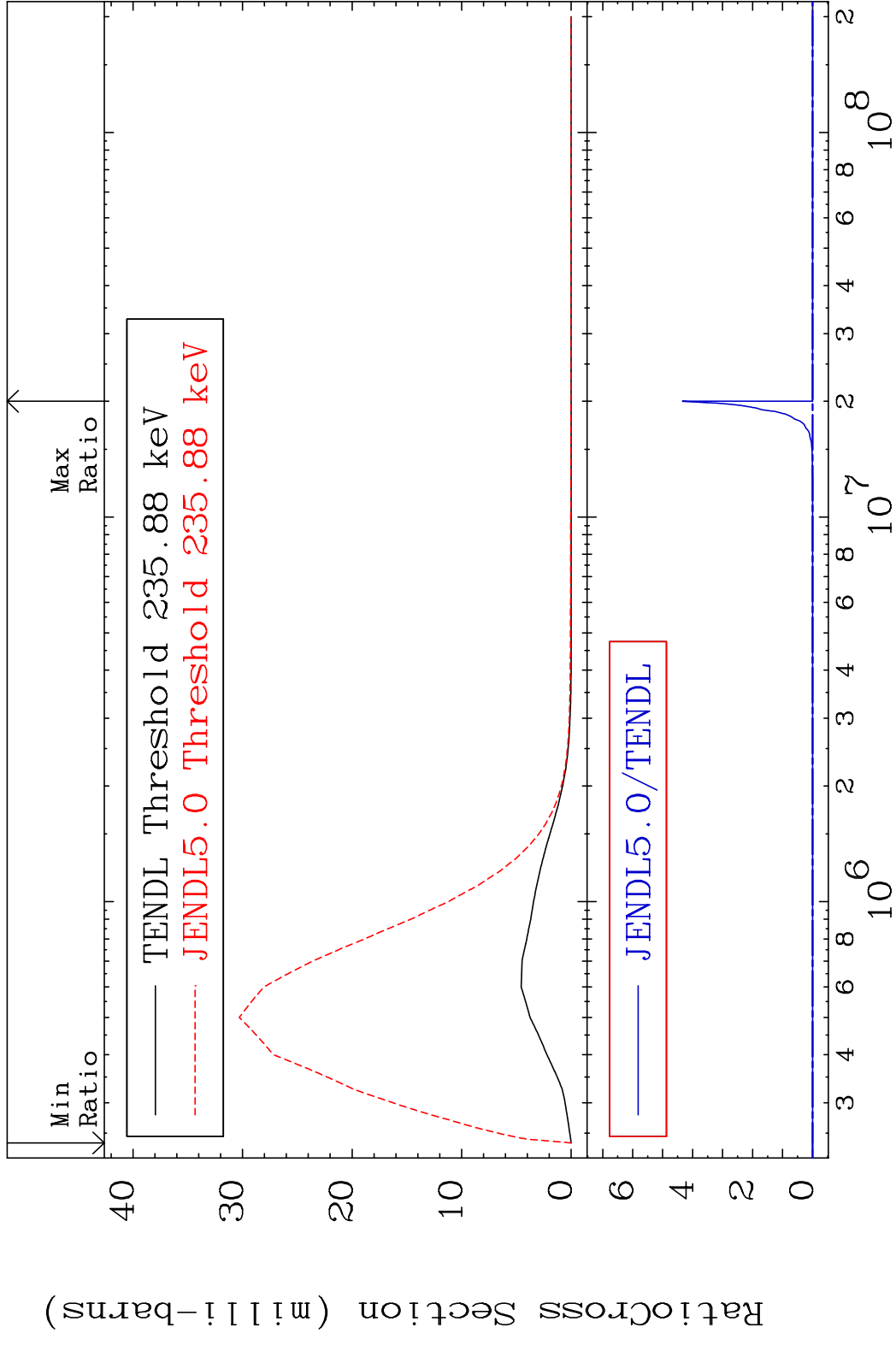


23 Incident Energy (eV) 95-Am-242m

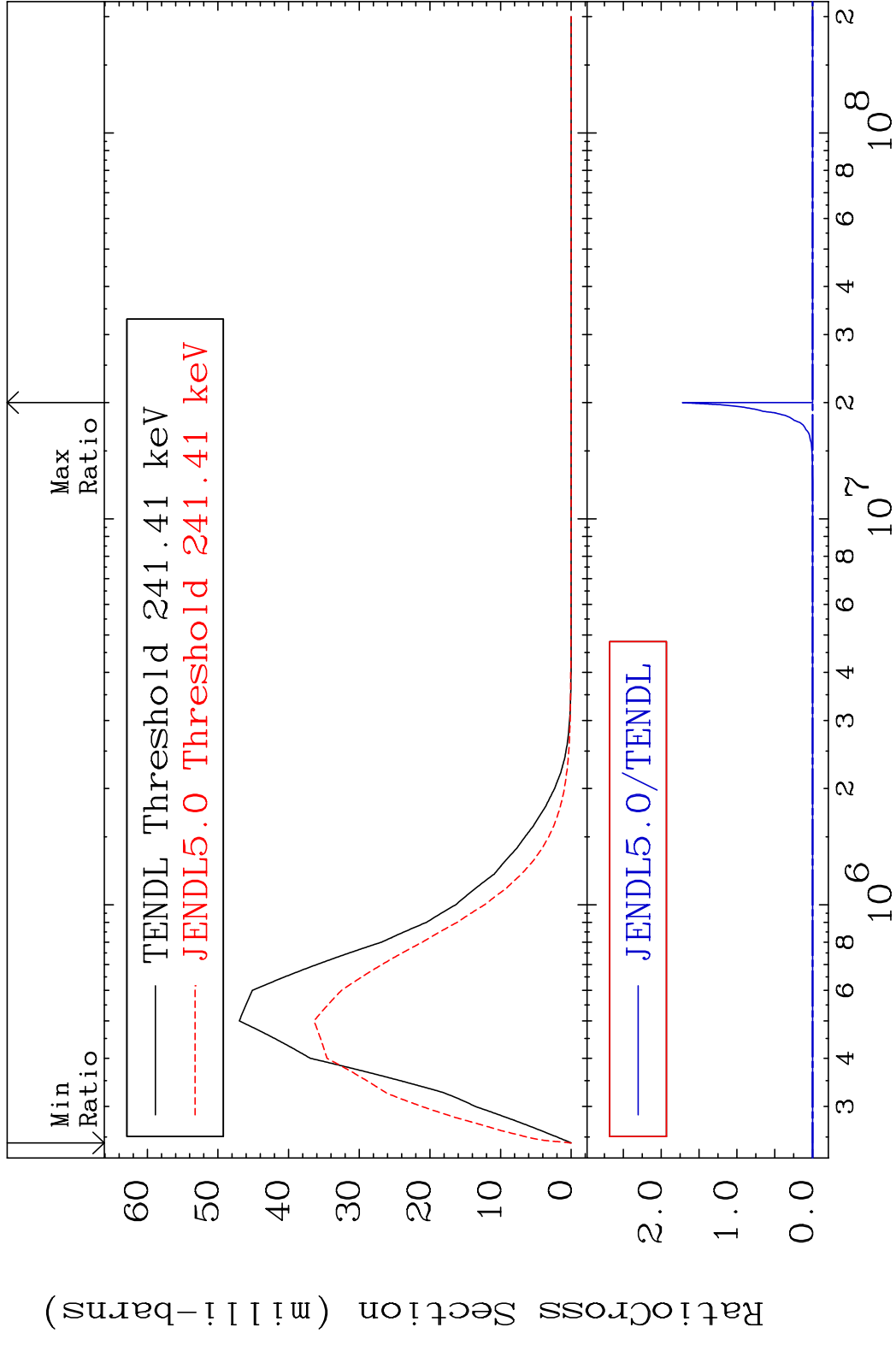
MAT 9547 MT= 66 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



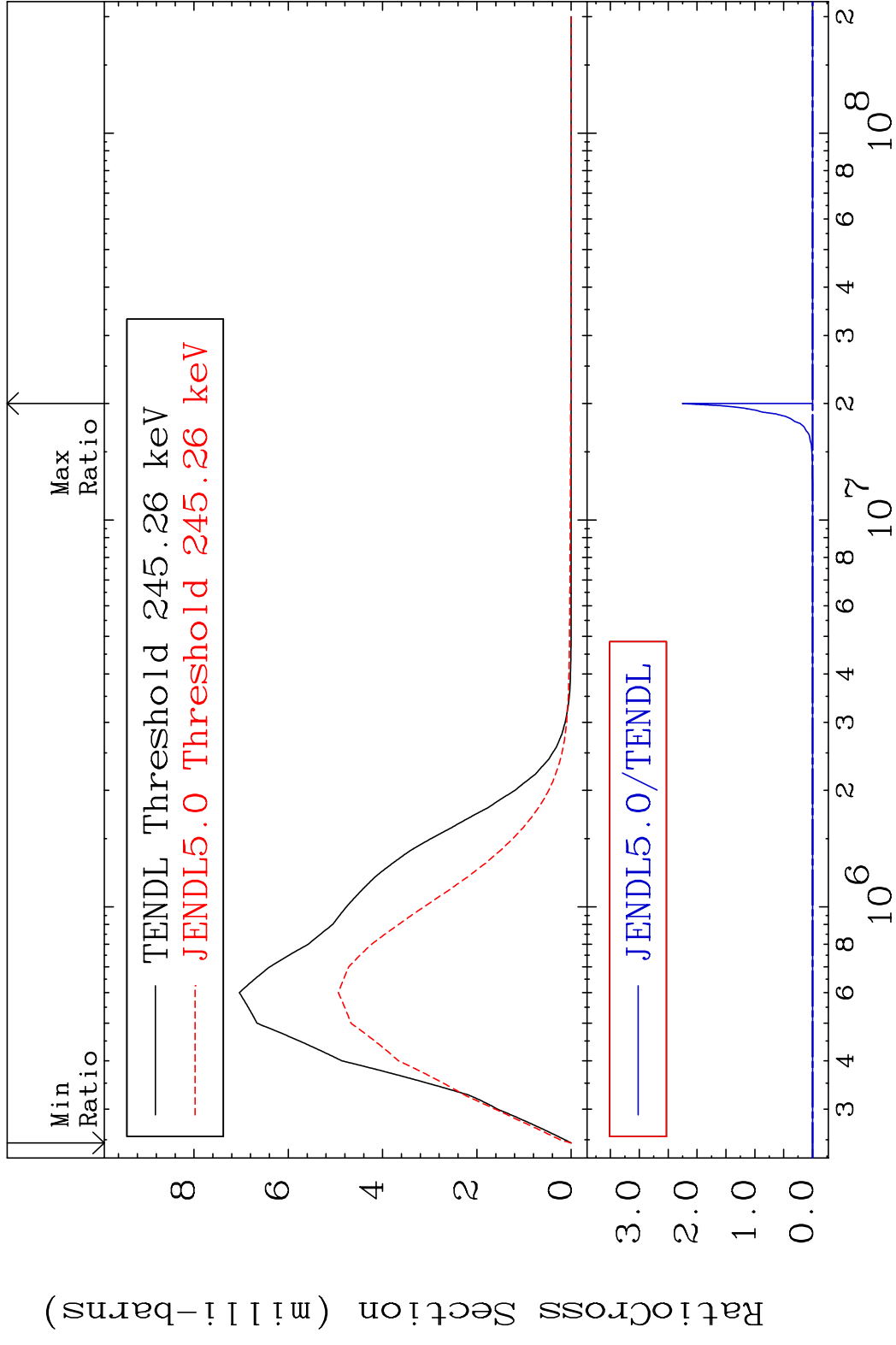
MAT 9547 MT= 67 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



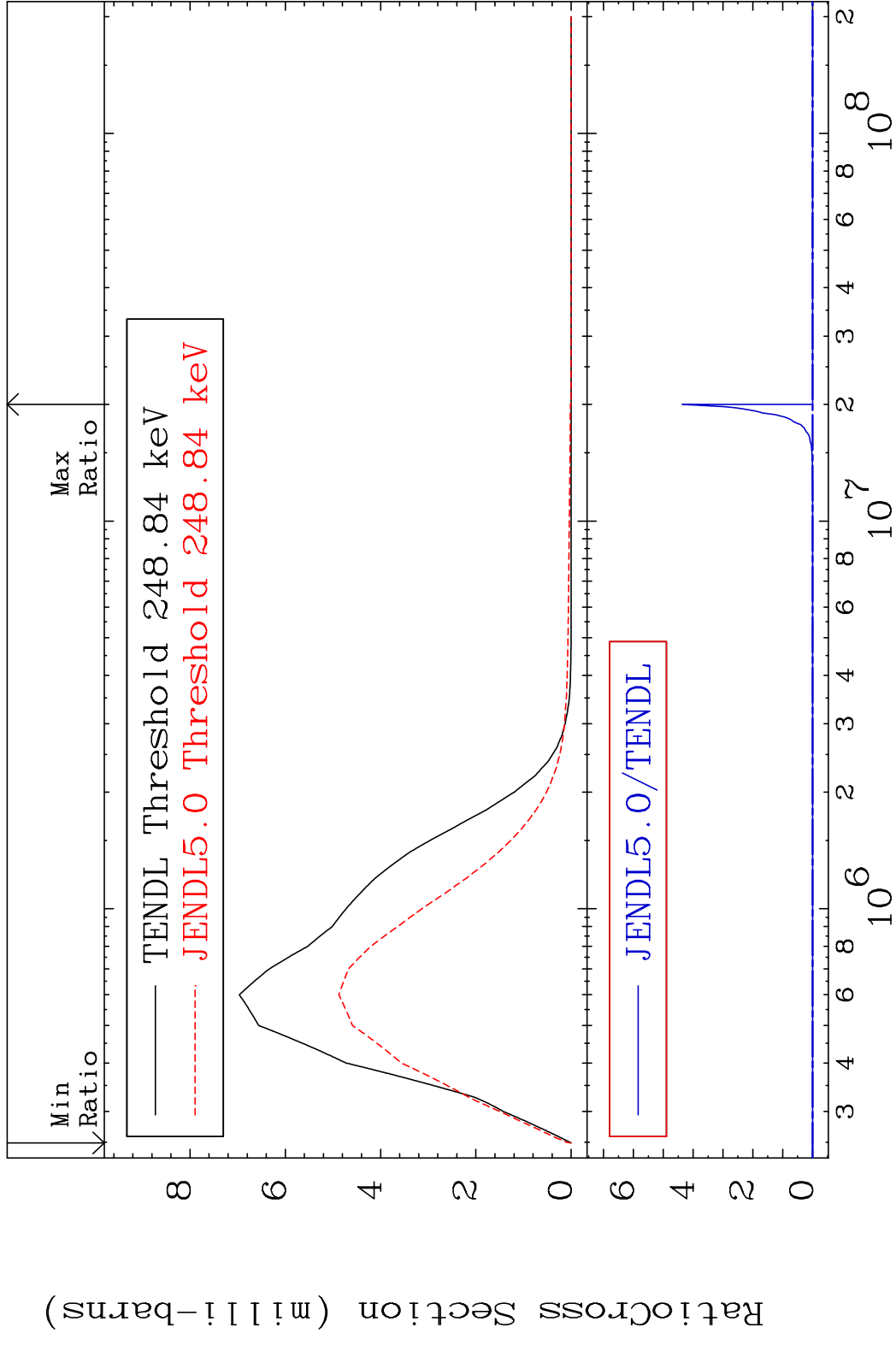
MAT 9547 MT= 68 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



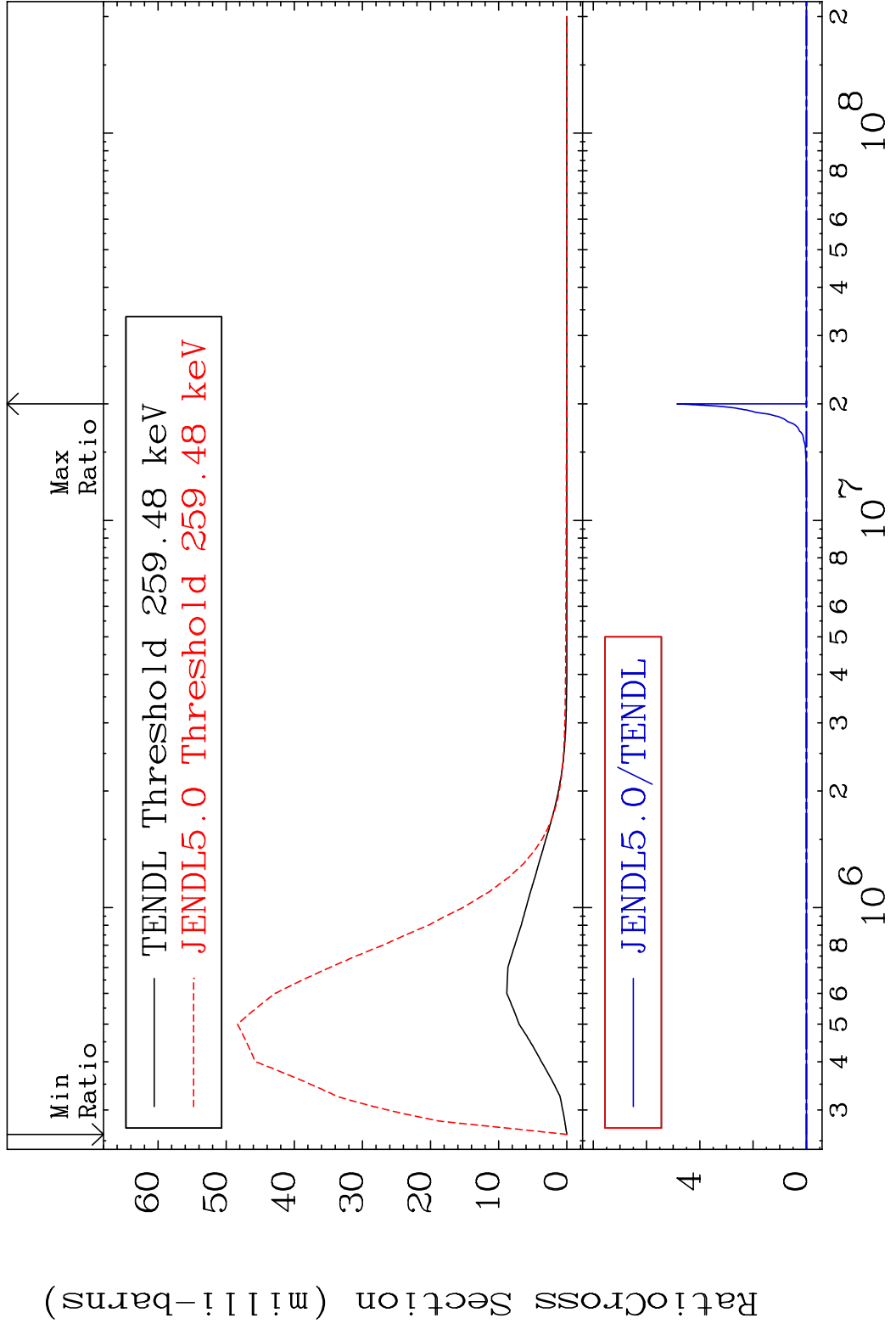
MAT 9547 MT= 69 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



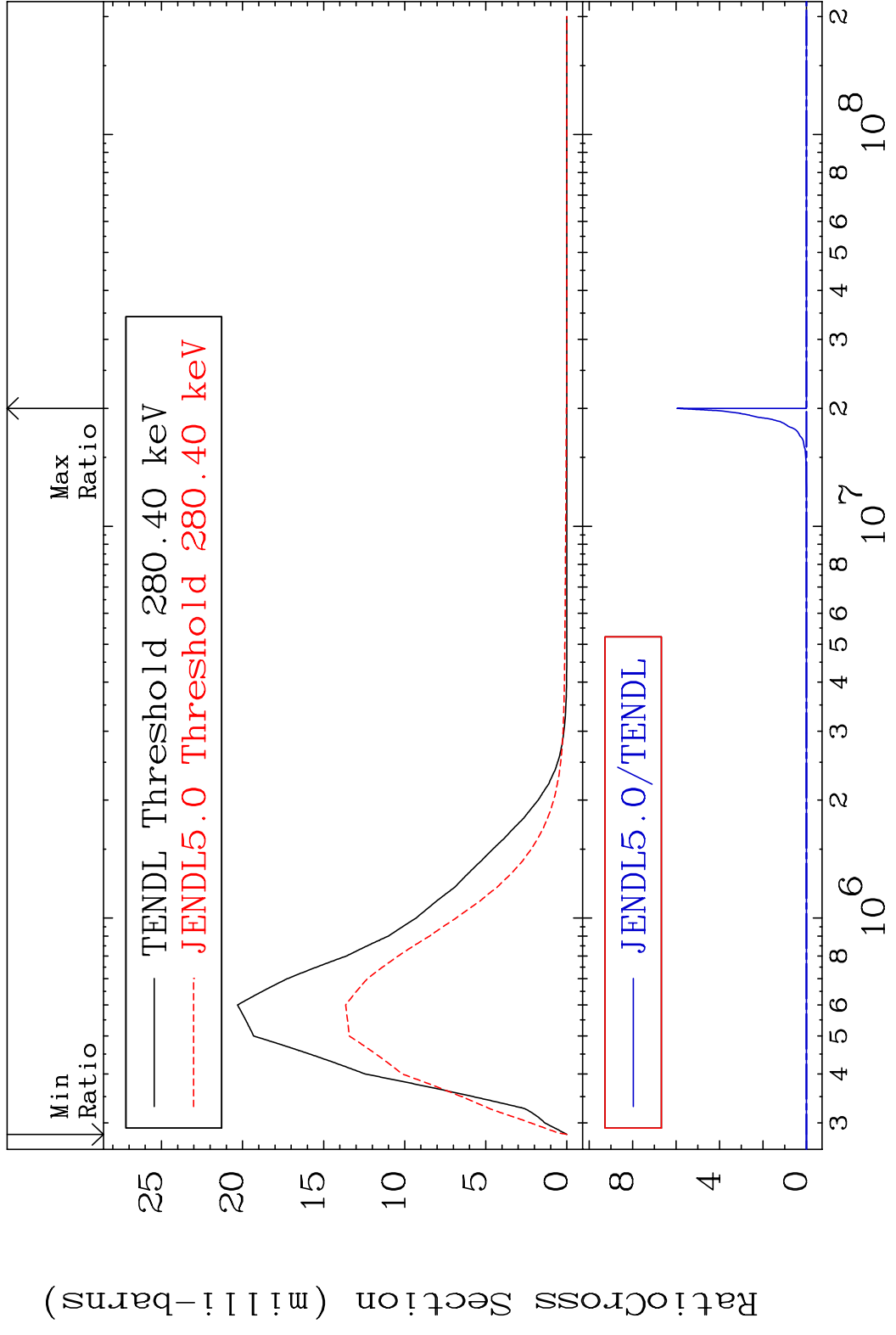
MAT 9547 MT= 70 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



MAT 9547 MT= 71 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

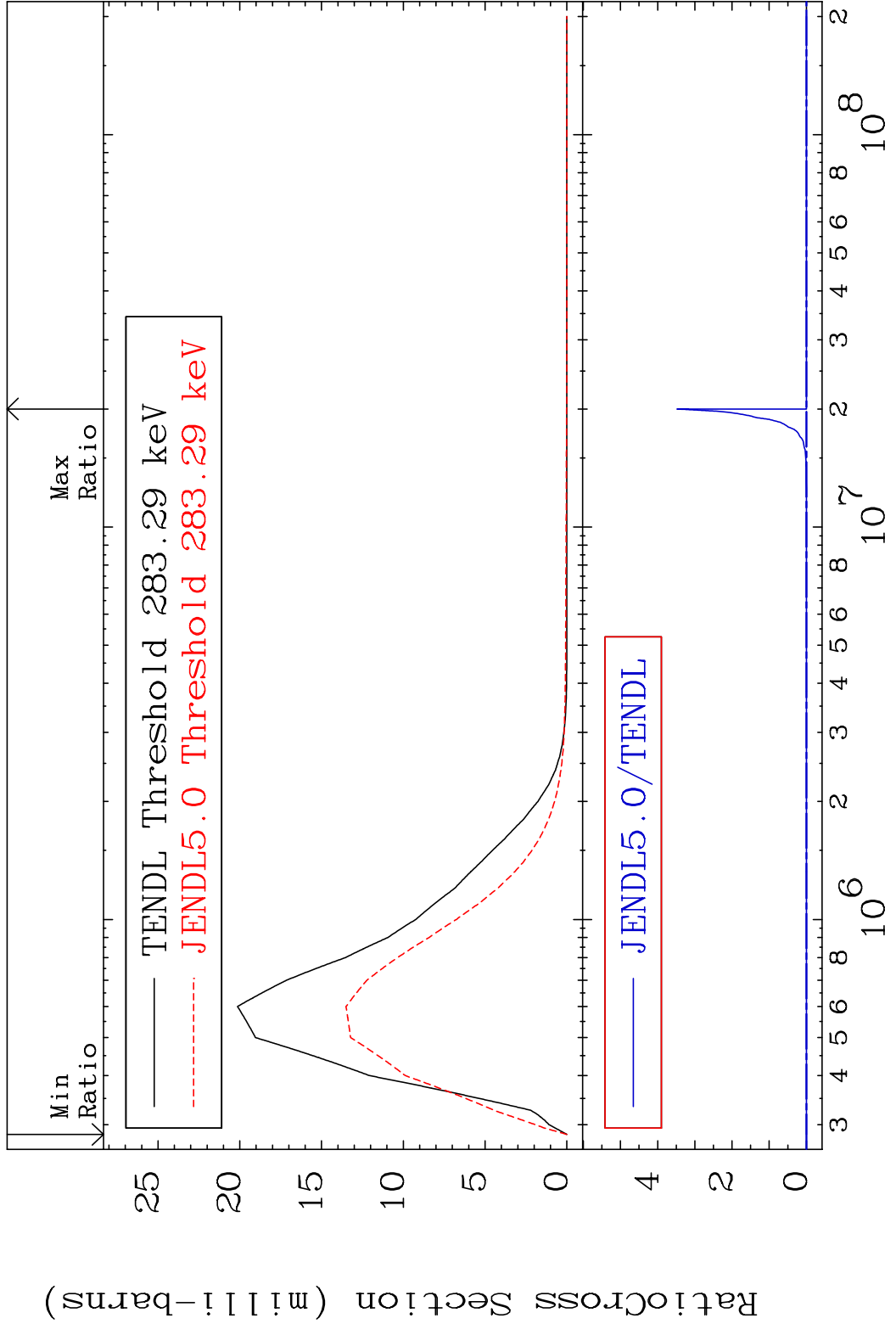


MAT 9547 MT= 72 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

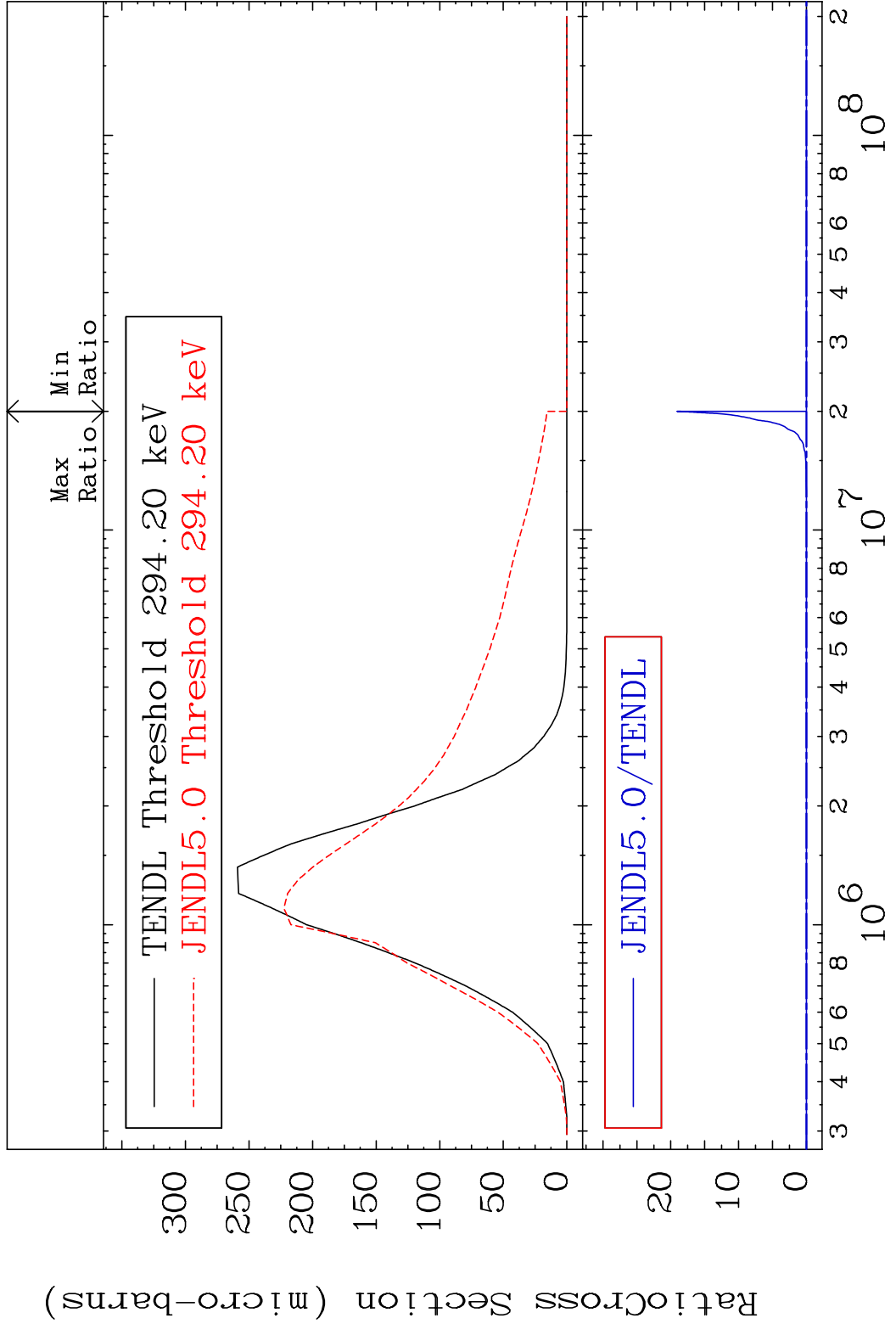


30 Incident Energy (eV) 95-Am-242m

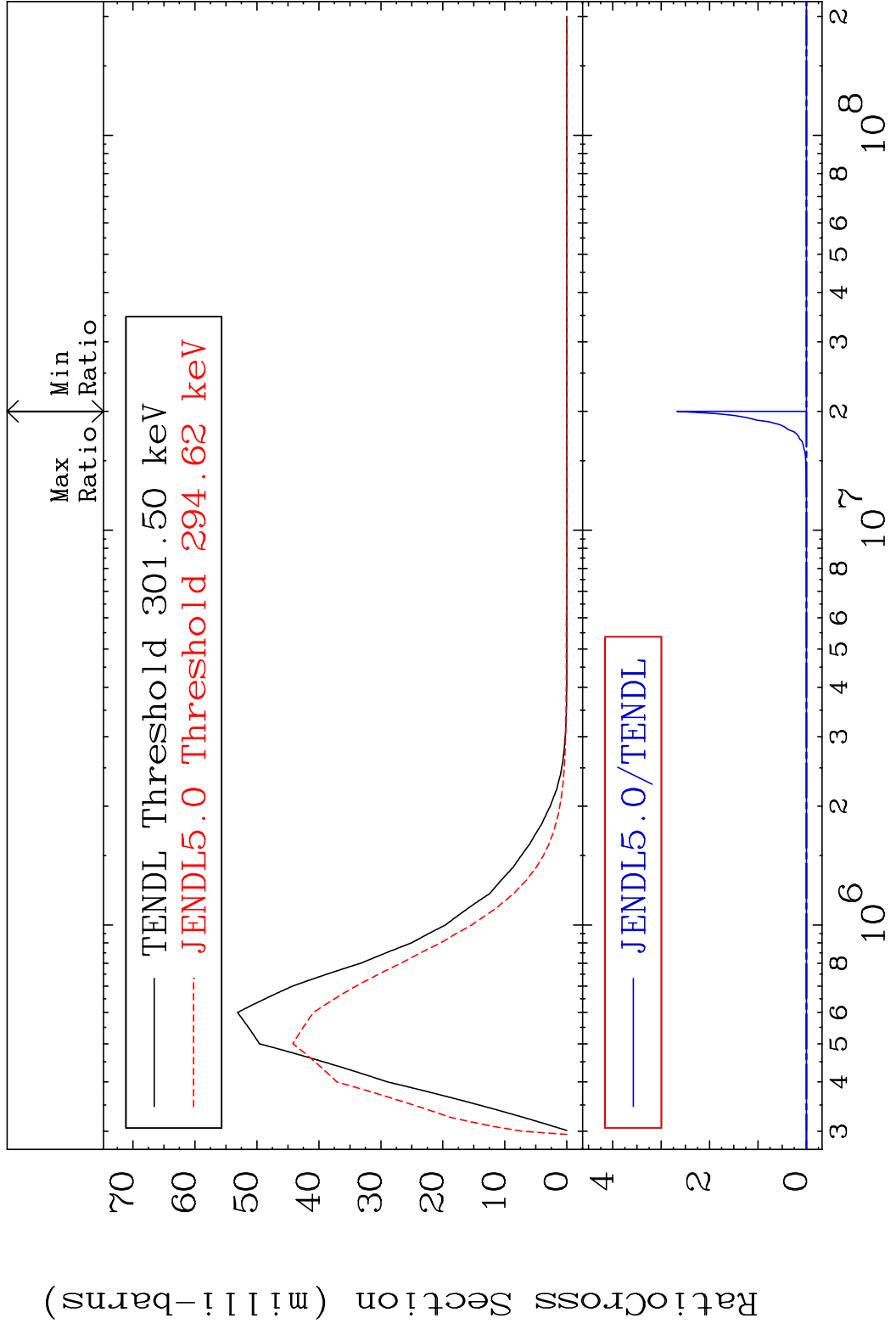
MAT 9547 MT= 73 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



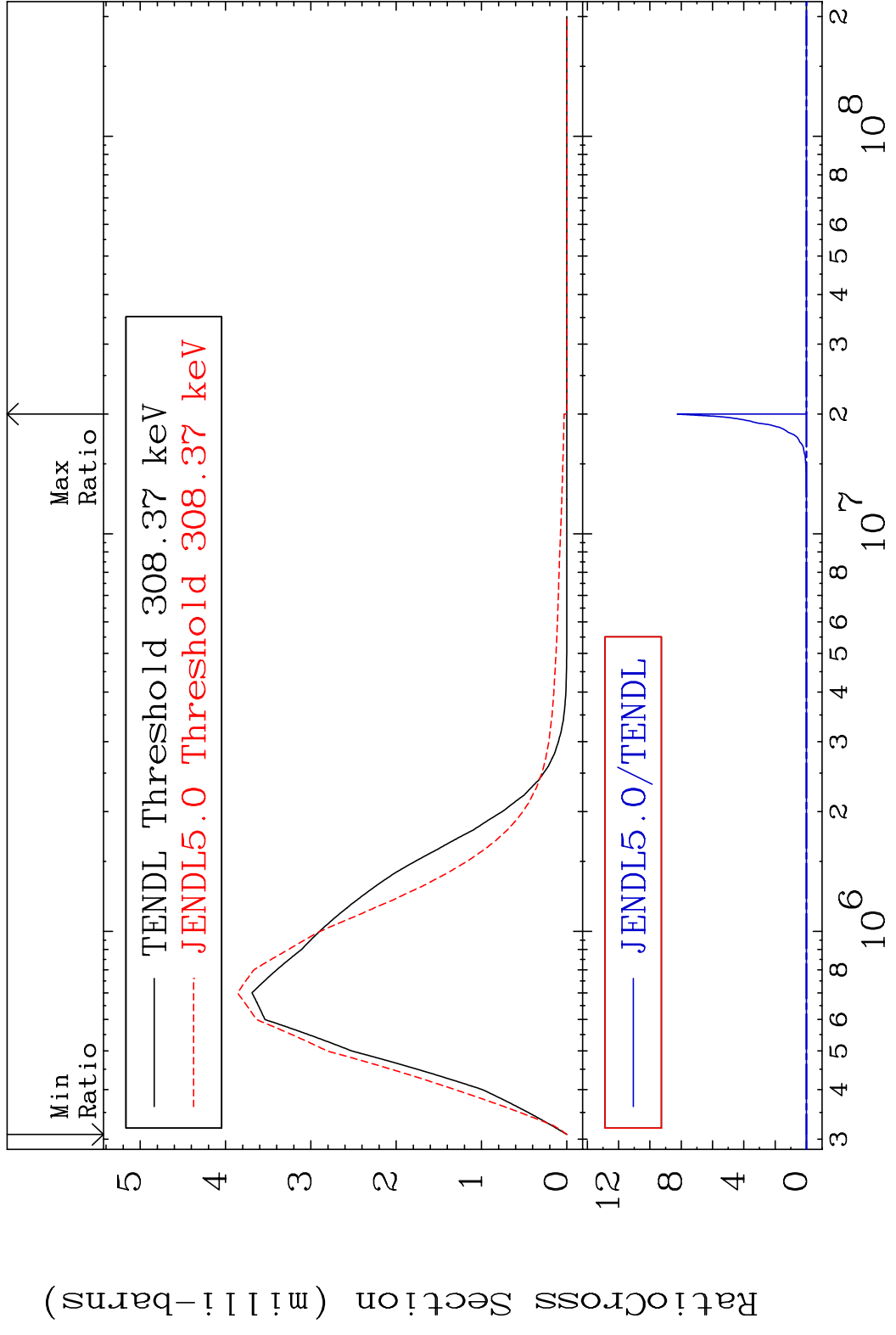
MAT 9547 MT= 74 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



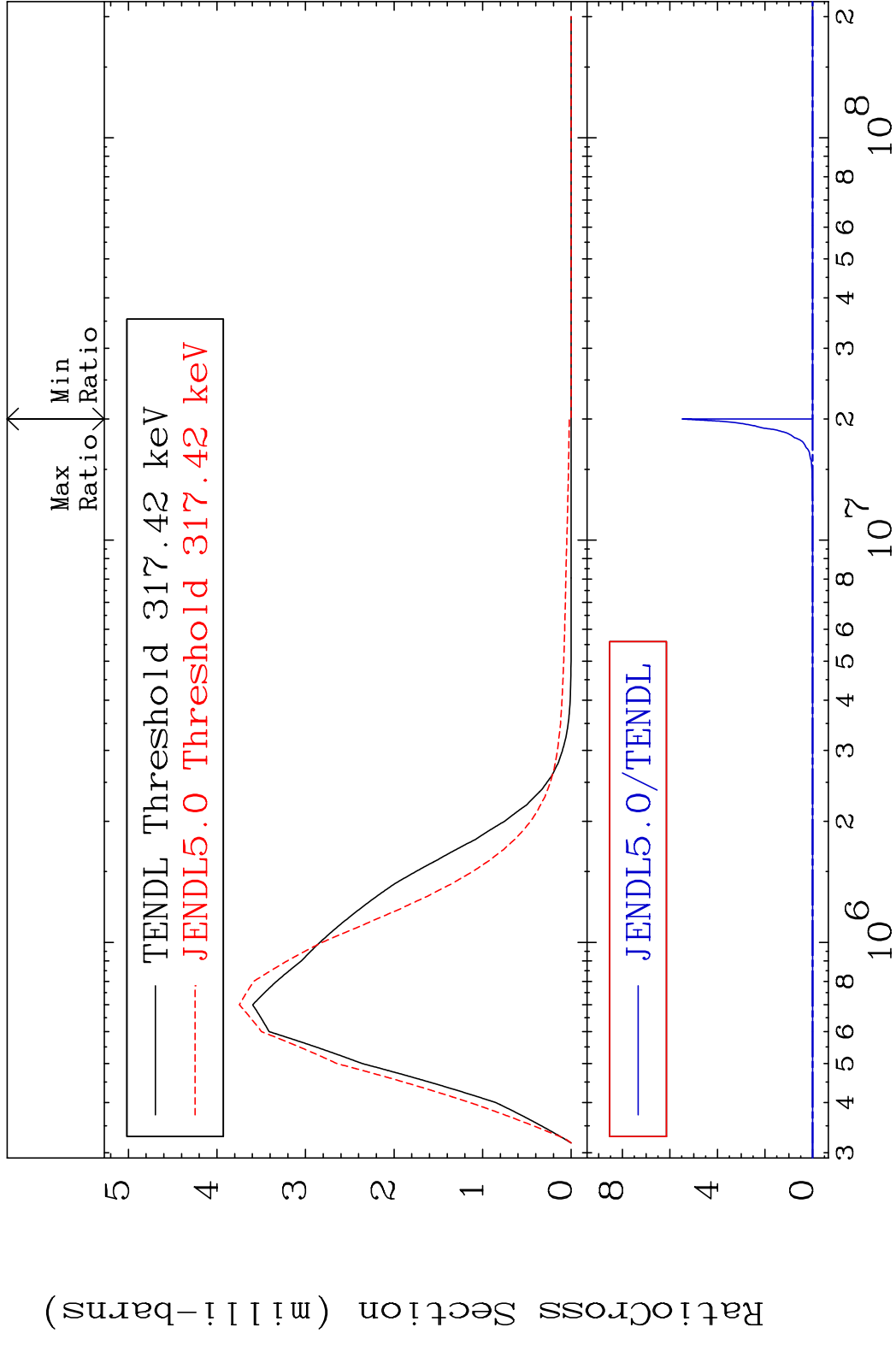
MAT 9547 MT= 75 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



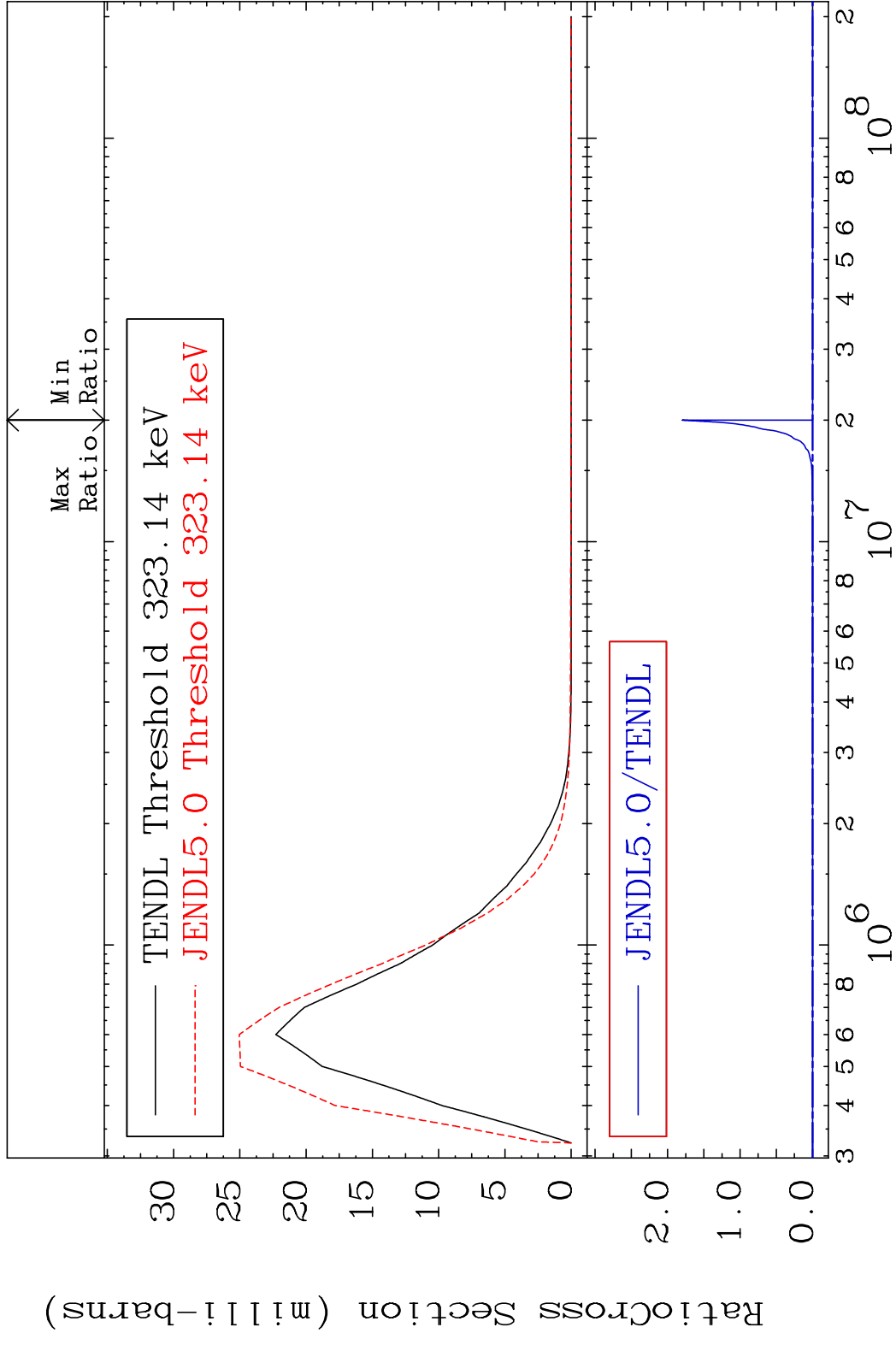
MAT 9547 MT= 76 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



MAT 9547 MT= 77 (n,n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

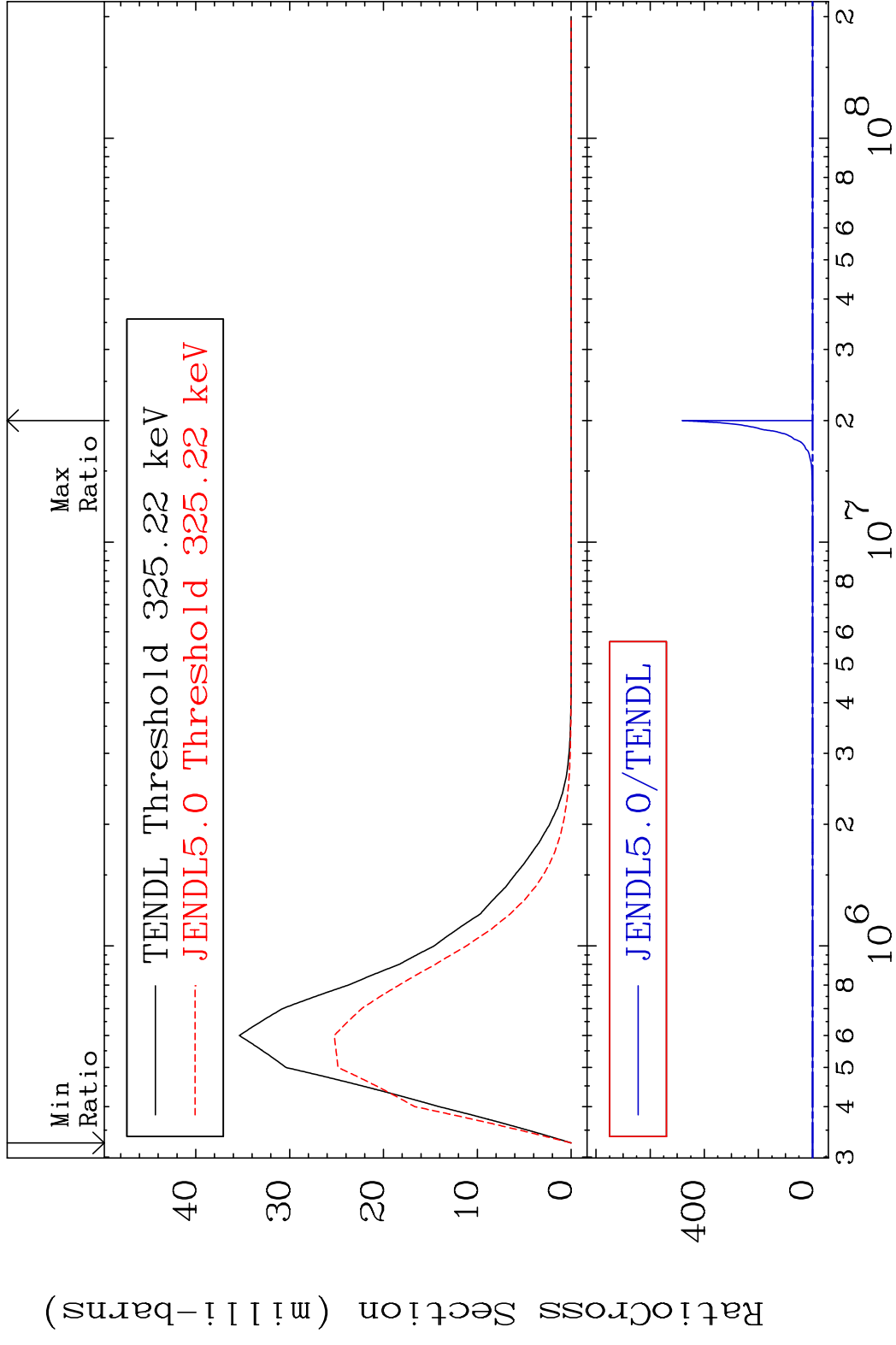


MAT 9547 MT= 78 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %

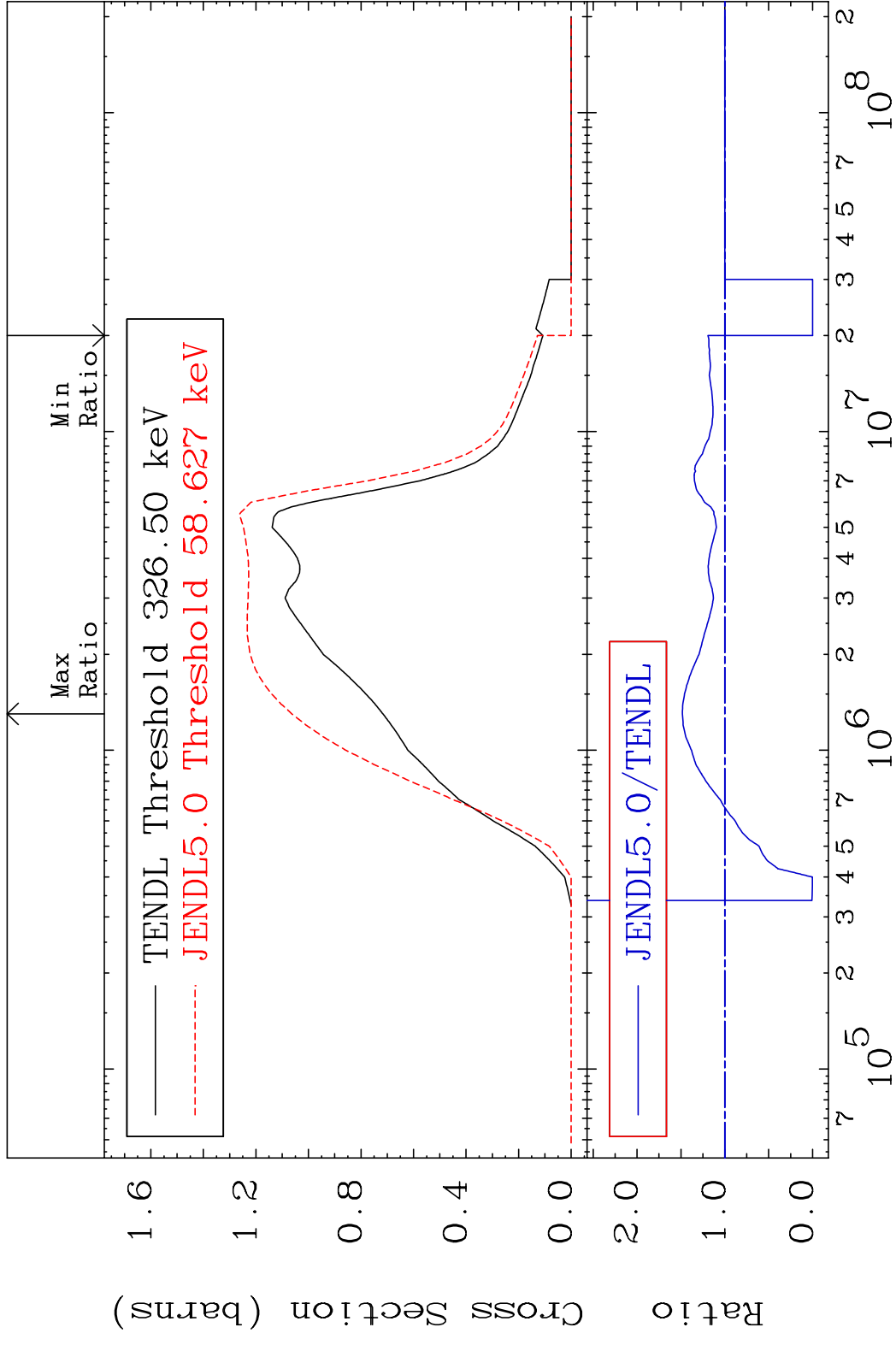


36 Incident Energy (eV) 95-Am-242m

MAT 9547 MT= 79 (n, n') Level 95-Am-242m
 Cross Section -100.0 To 9999. %



MAT 9547 (n, n') Continuum 95-Am-242m
 Cross Section -100.0 To 48.38 %

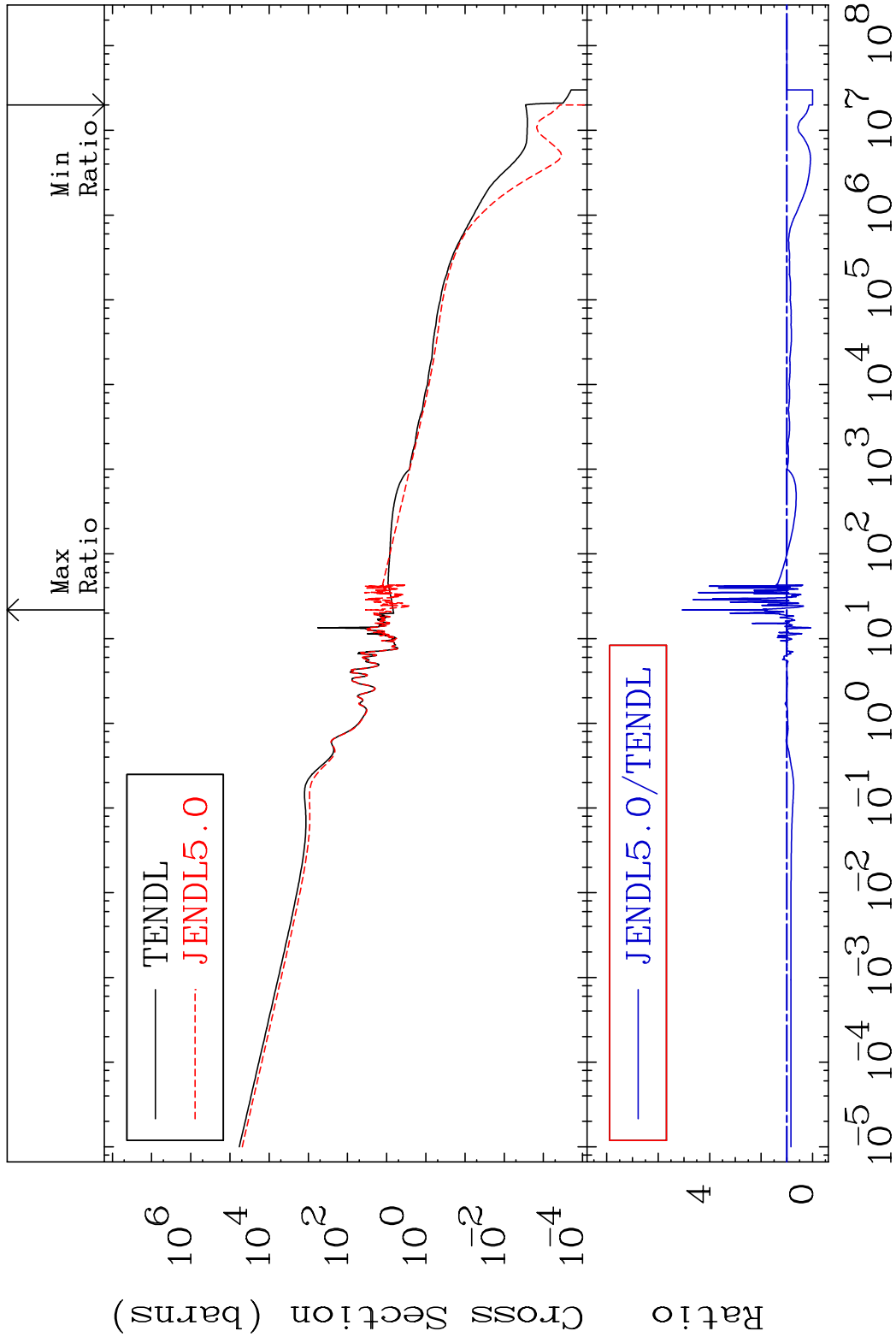


MAT 9547

(n, γ)

95-Am-242m

Cross Section -100.0 To 406.1 %



39

Incident Energy (eV)

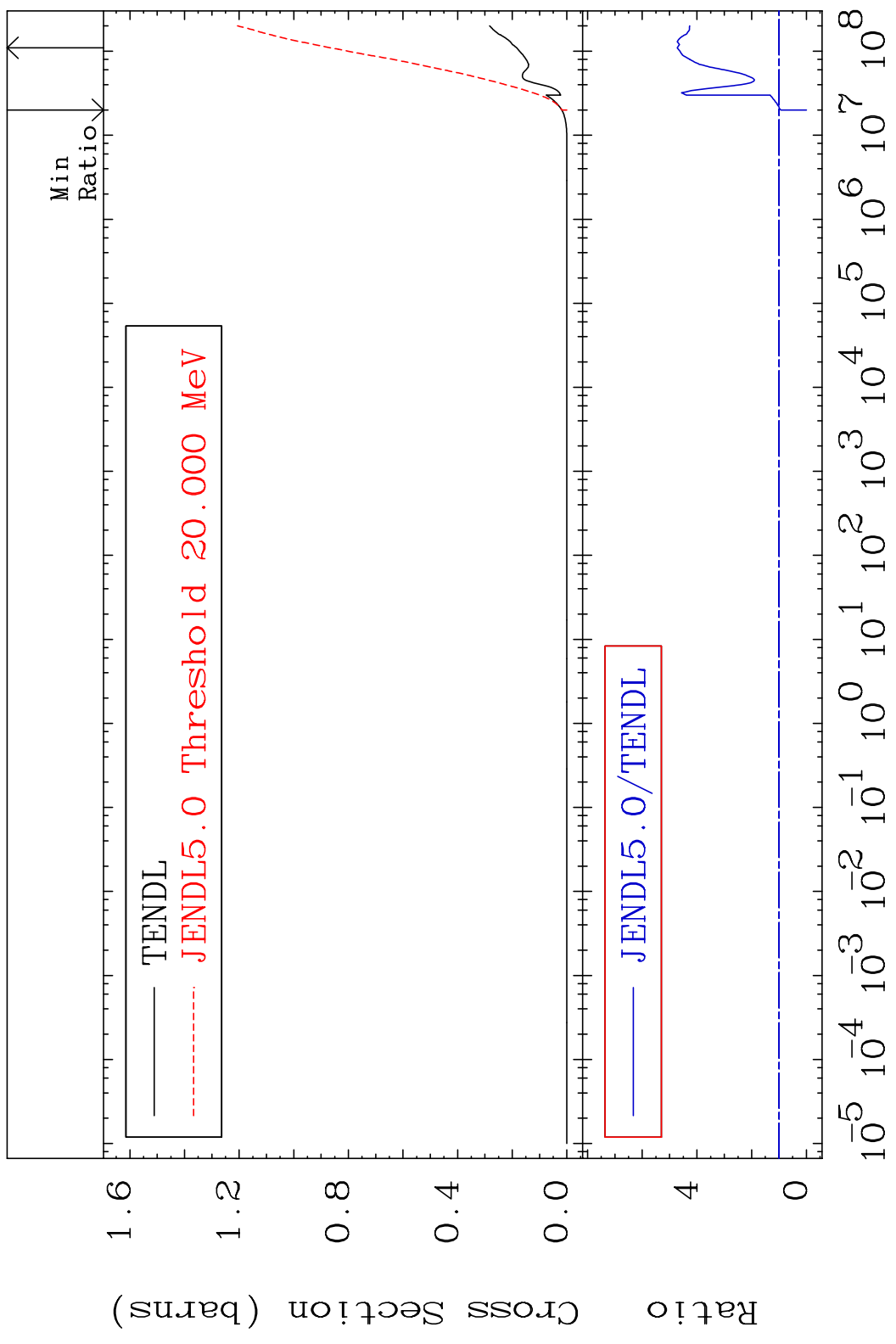
95-Am-242m

MAT 9547

Hydrogen Production

95-Am-242m

Cross Section -100.0 To 372.3 %



40

Incident Energy (eV)

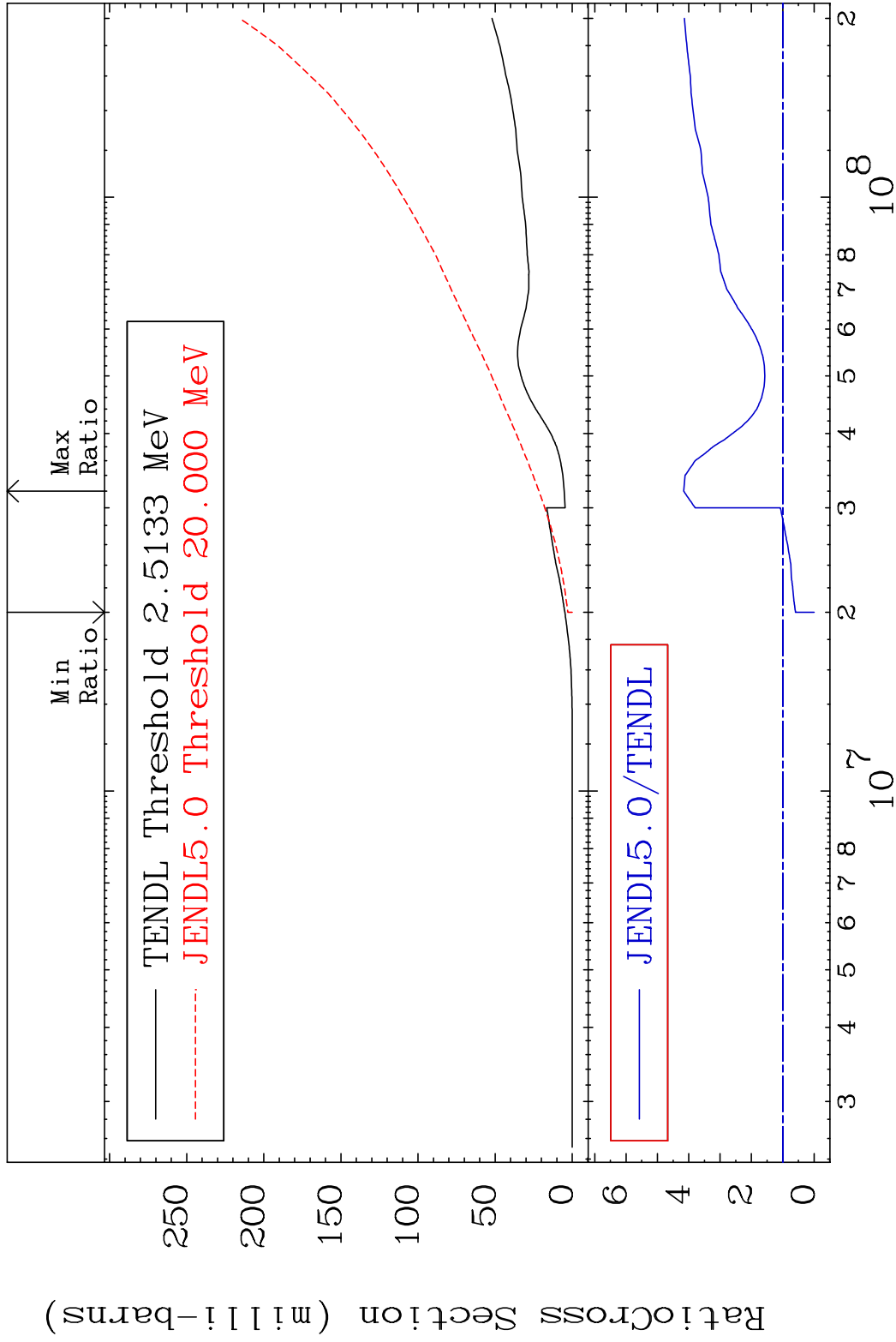
95-Am-242m

MAT 9547

Deuterium Production

95-Am-242m

Cross Section -100.0 To 316.3 %



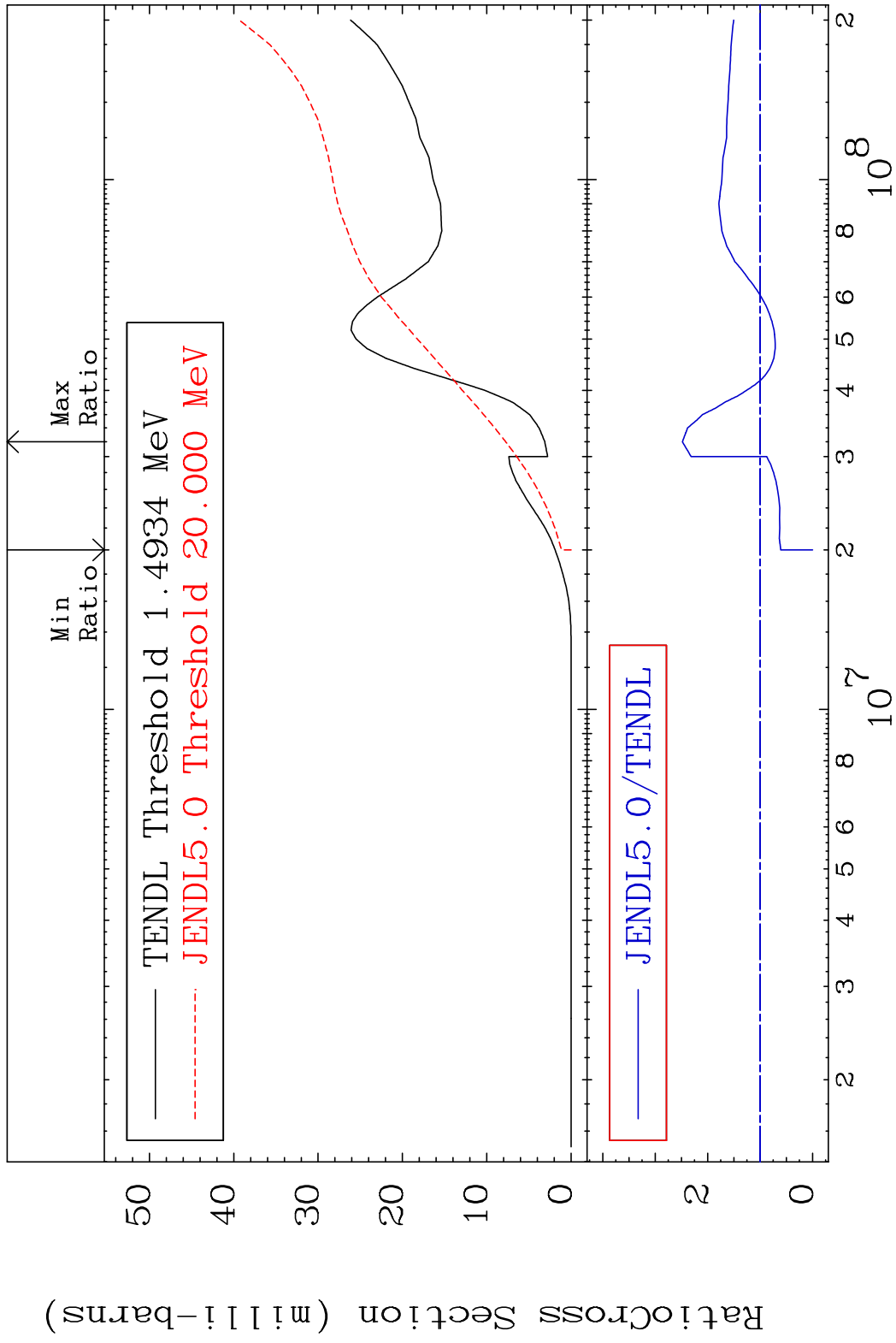
41

Incident Energy (eV)

95-Am-242m

MAT 9547

Tritium Production 95-Am-242m
Cross Section -100.0 To 148.2 %



42

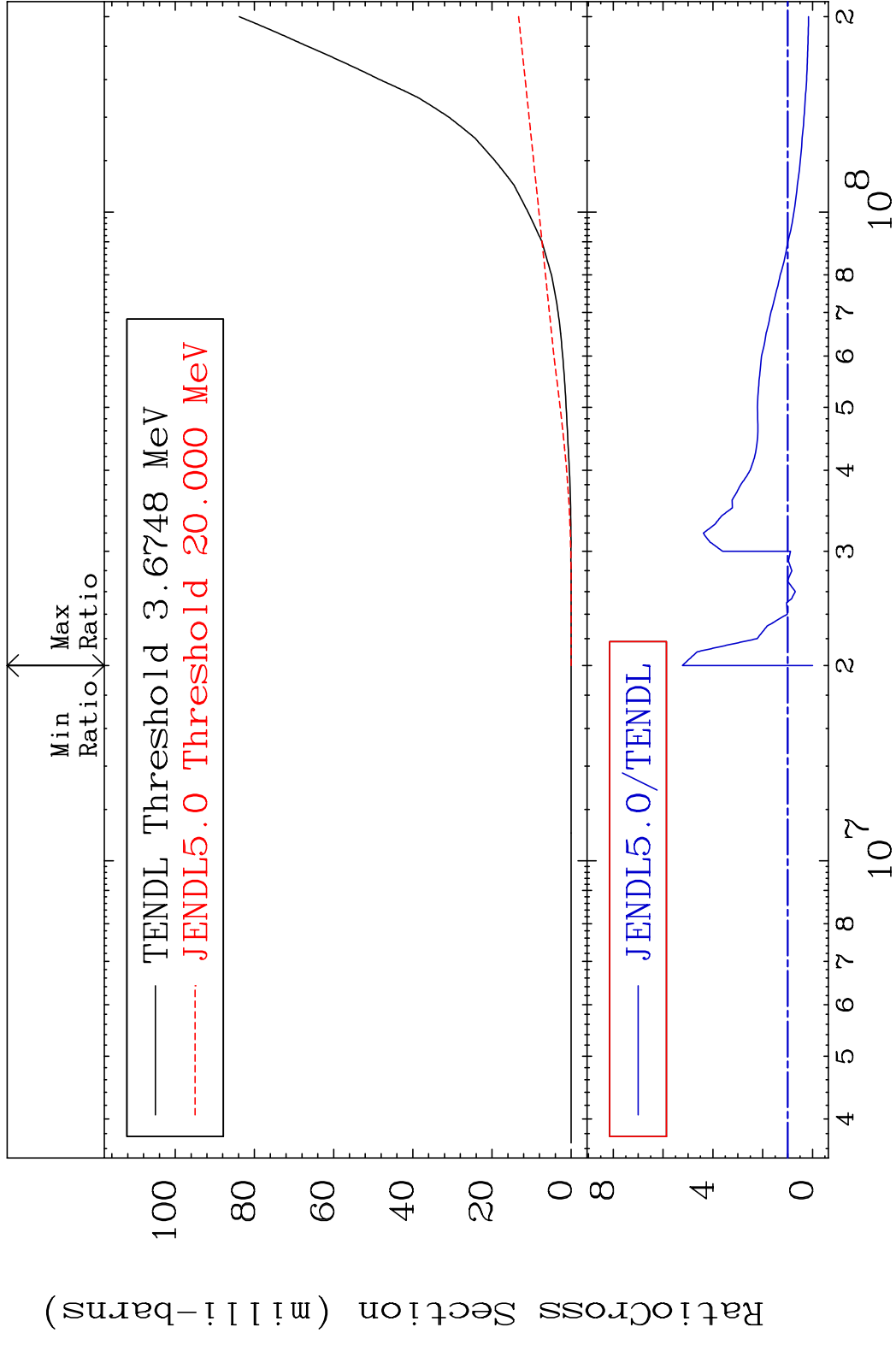
Incident Energy (eV) 95-Am-242m

MAT 9547

He-3 Production

95-Am-242m

Cross Section -100.0 To 422.7 %

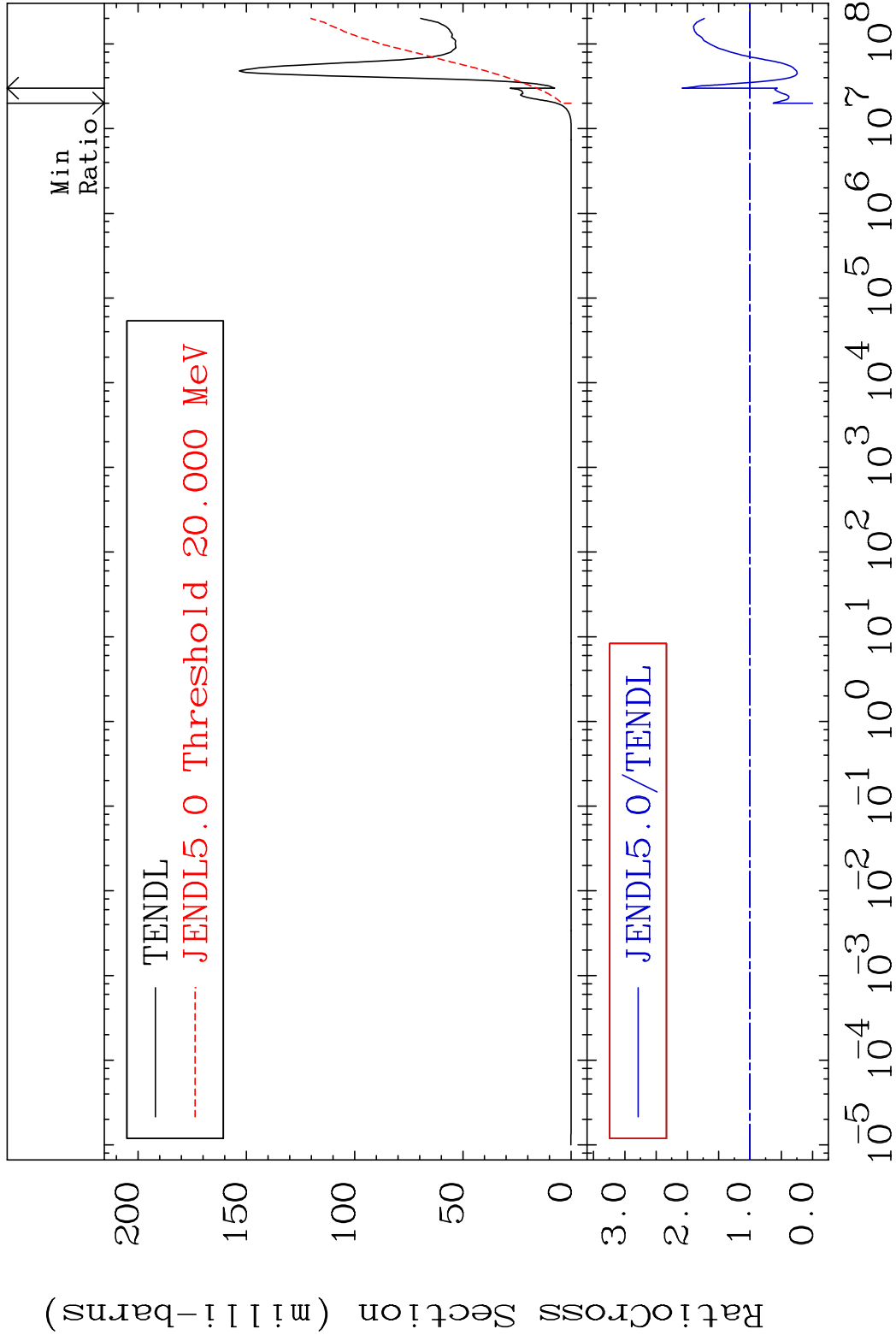


MAT 9547

He-4 Production

95-Am-242m

Cross Section -100.0 To 108.0 %



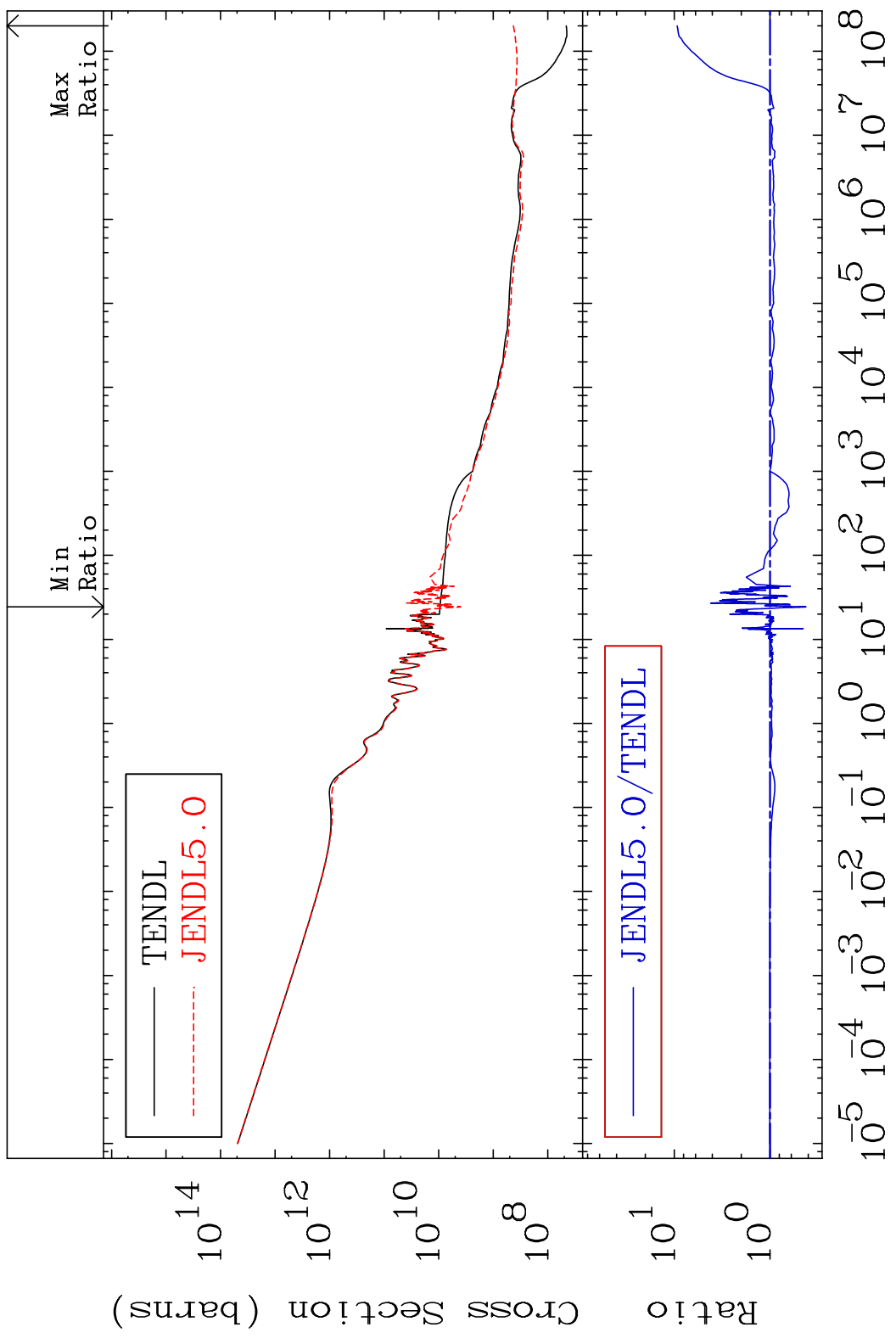
44

Incident Energy (eV)

95-Am-242m

MAT 9547

Kerma total (eV-barns) 95-Am-242m
Cross Section -58.26 To 831.1 %



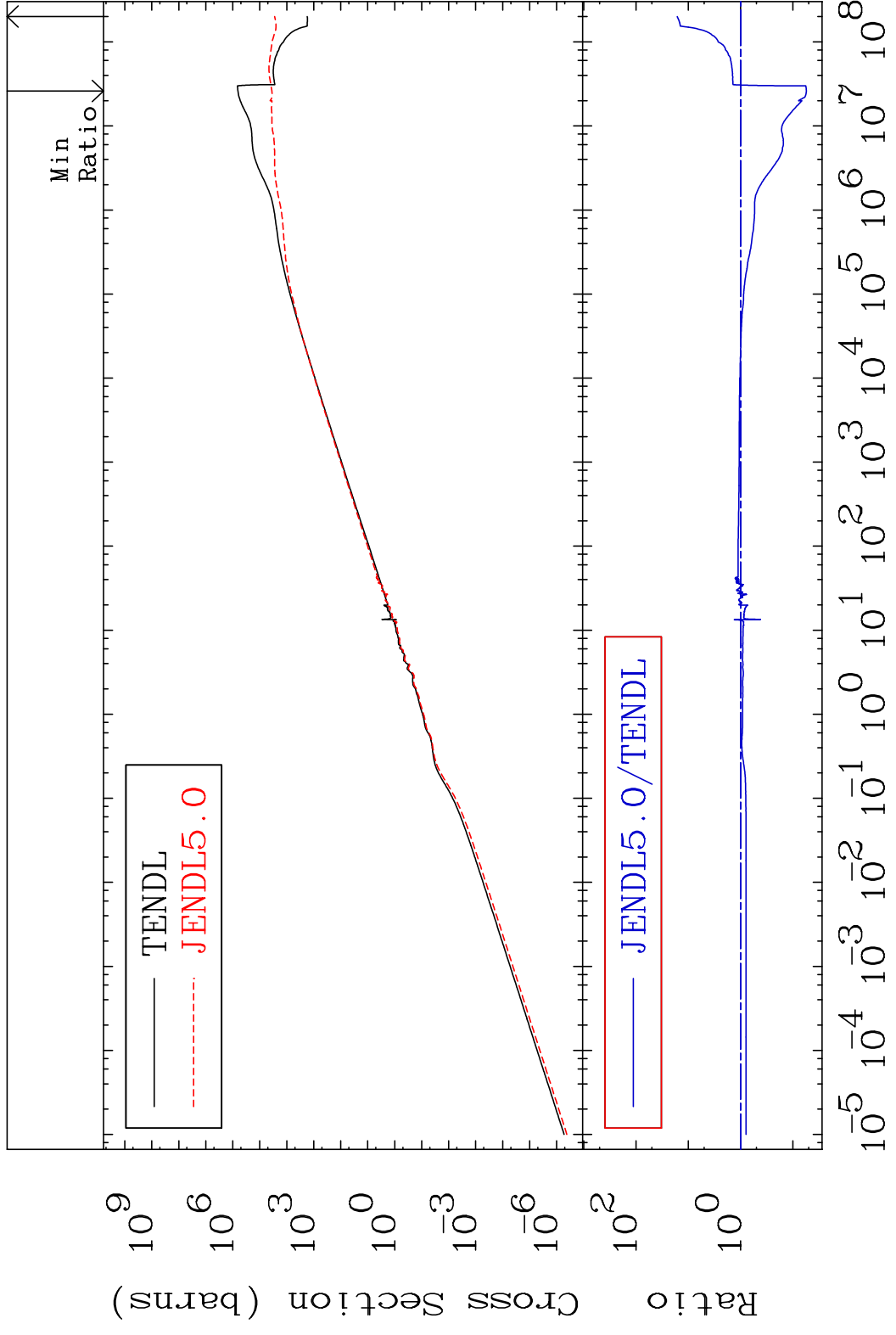
45

Incident Energy (eV) 95-Am-242m

MAT 9547

Kerma elastic
Cross Section -94.47 To 1535. %

95-Am-242m

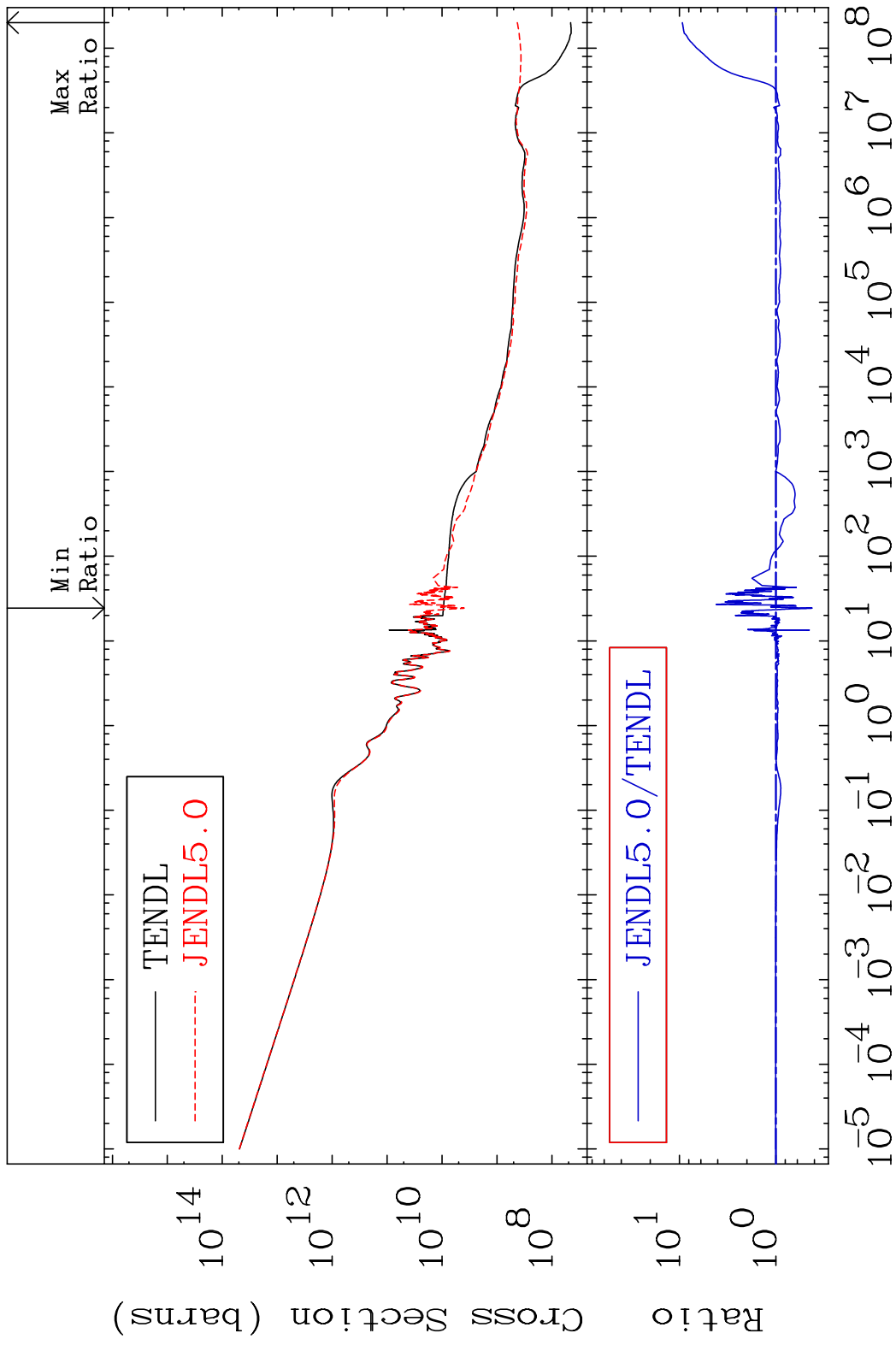


46

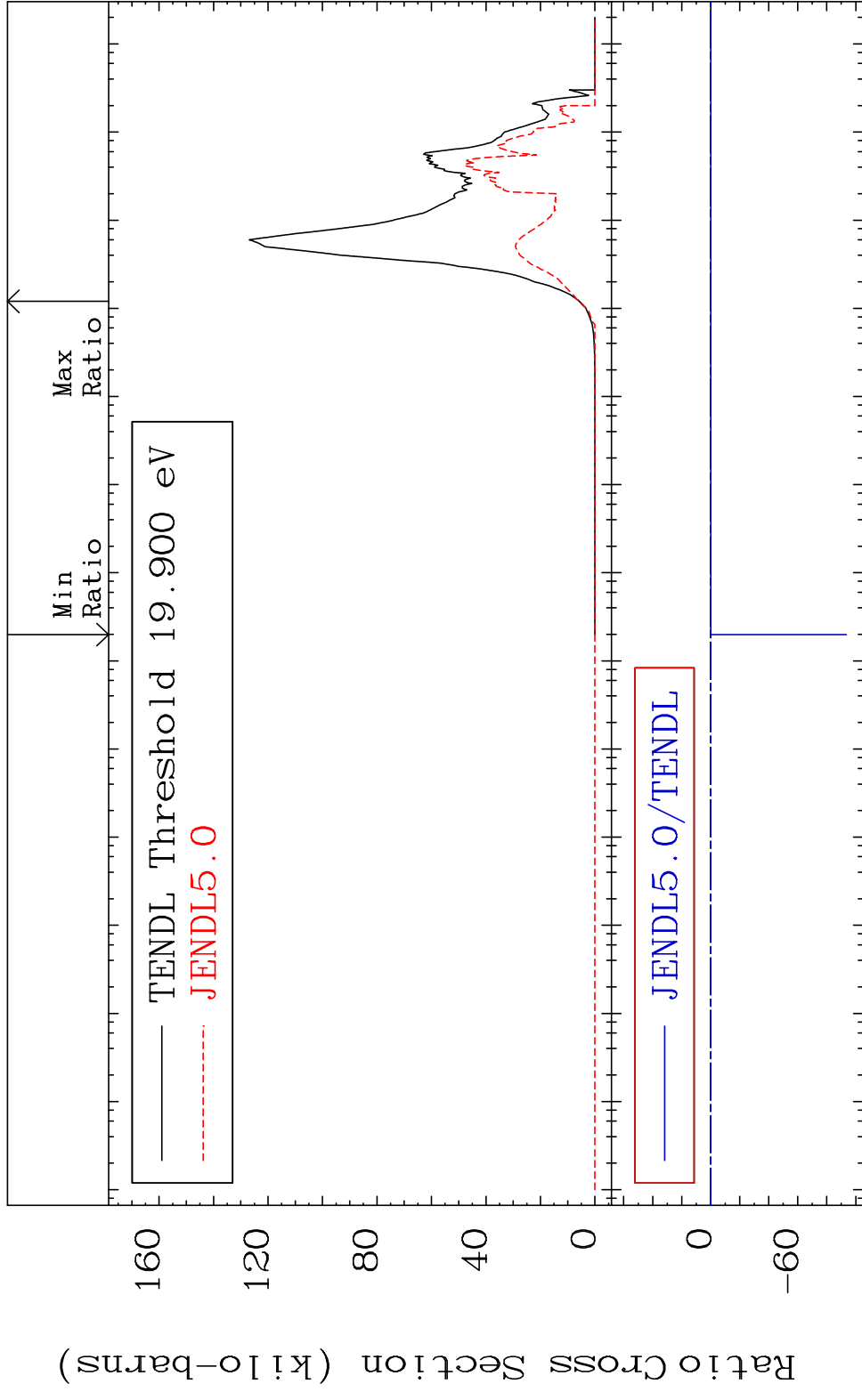
Incident Energy (eV)

95-Am-242m

MAT 9547 Kerma non-elastic (all but mt2) 95-Am-242m
 Cross Section -58.26 To 831.1 %

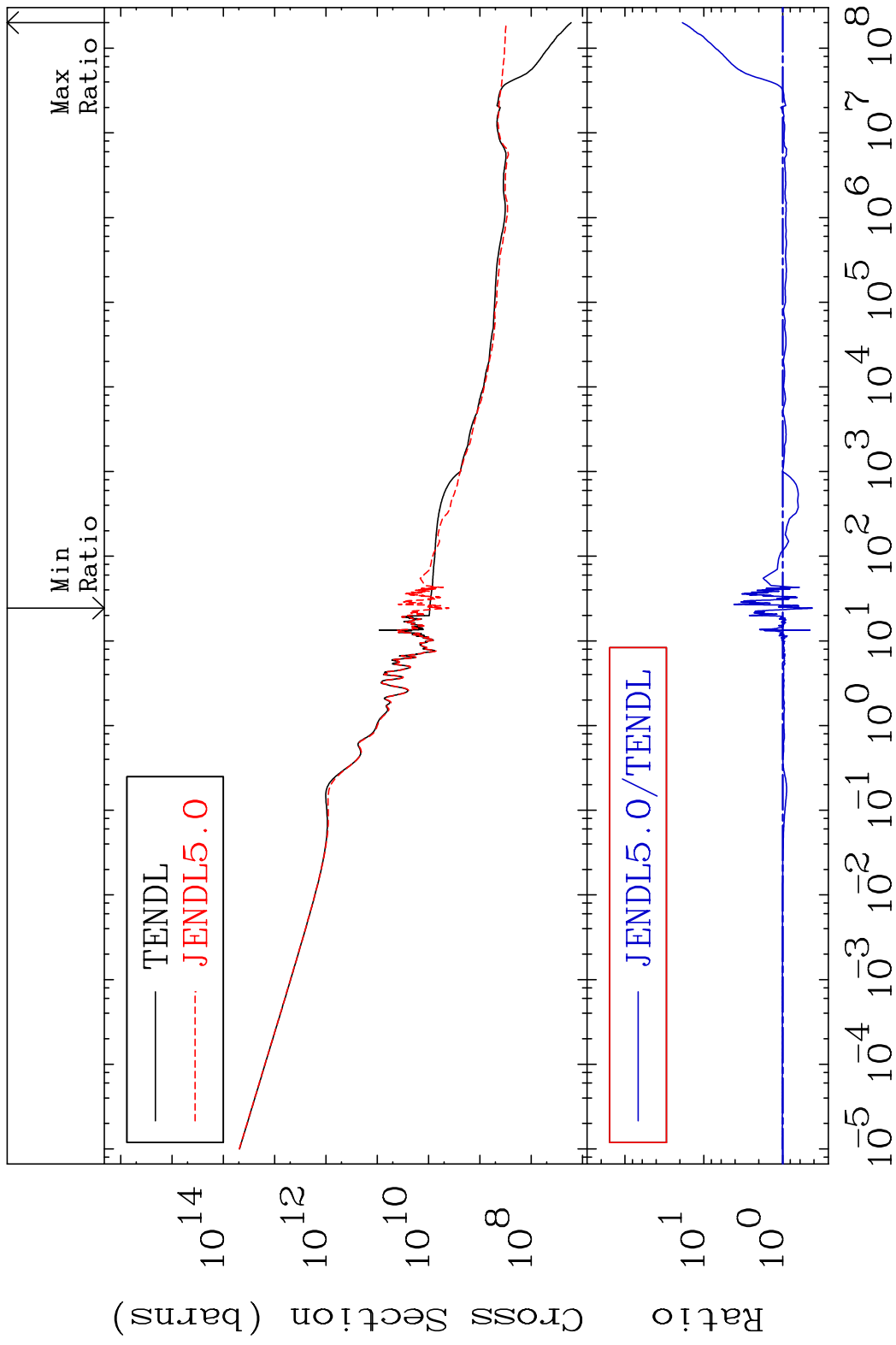


MAT 9547 Kerma inelastic (mt51-91) 95-Am-242m
 Cross Section -9999. To 5.705 %



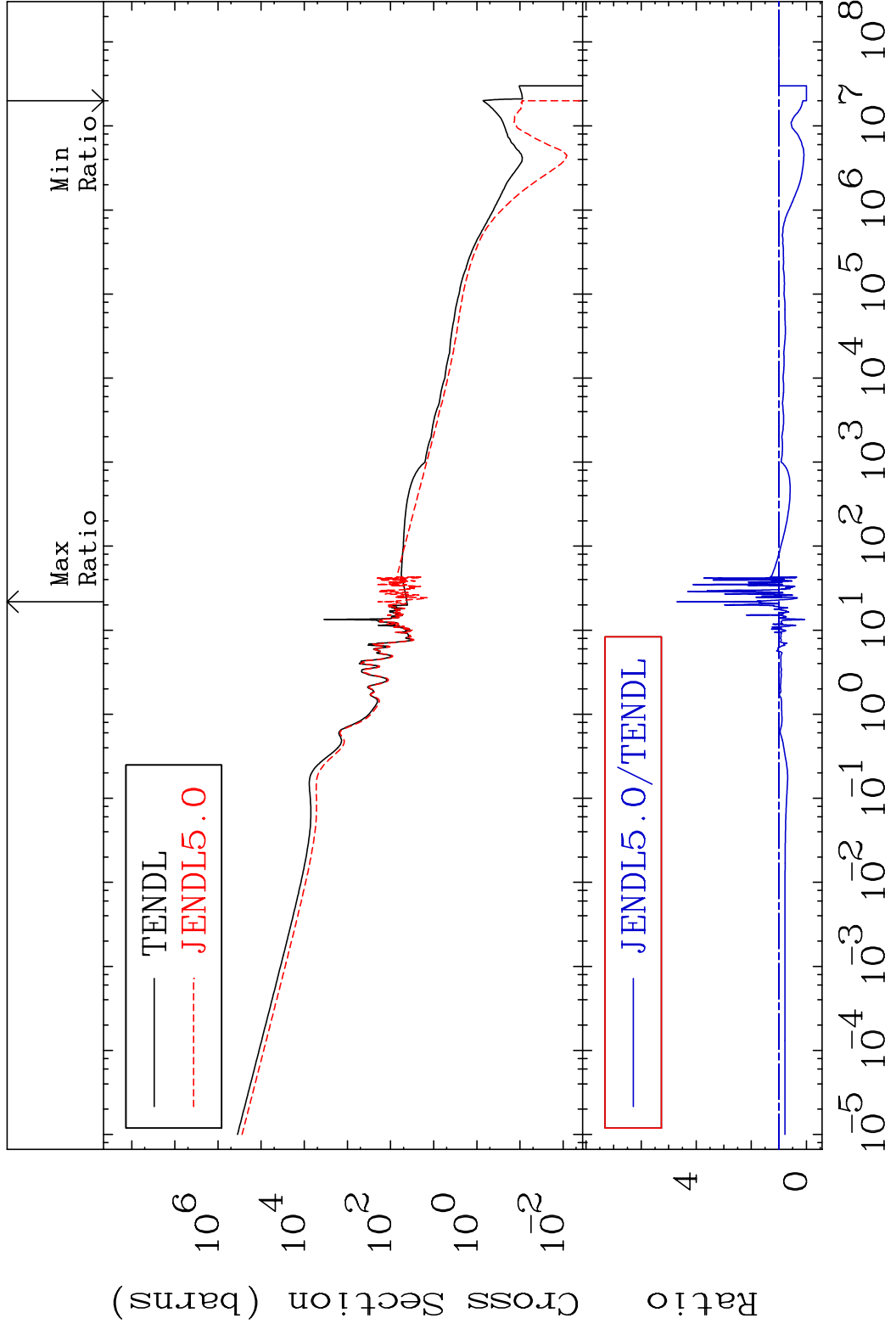
48 Incident Energy (eV) 95-Am-242m

MAT 9547 Kerma fission (mt18 or mt19-20-21-30) 95-Am-242m
 Cross Section -58.26 To 1766. %



MAT 9547

Kerma capture (mt102) 95-Am-242m
Cross Section -100.0 To 369.3 %

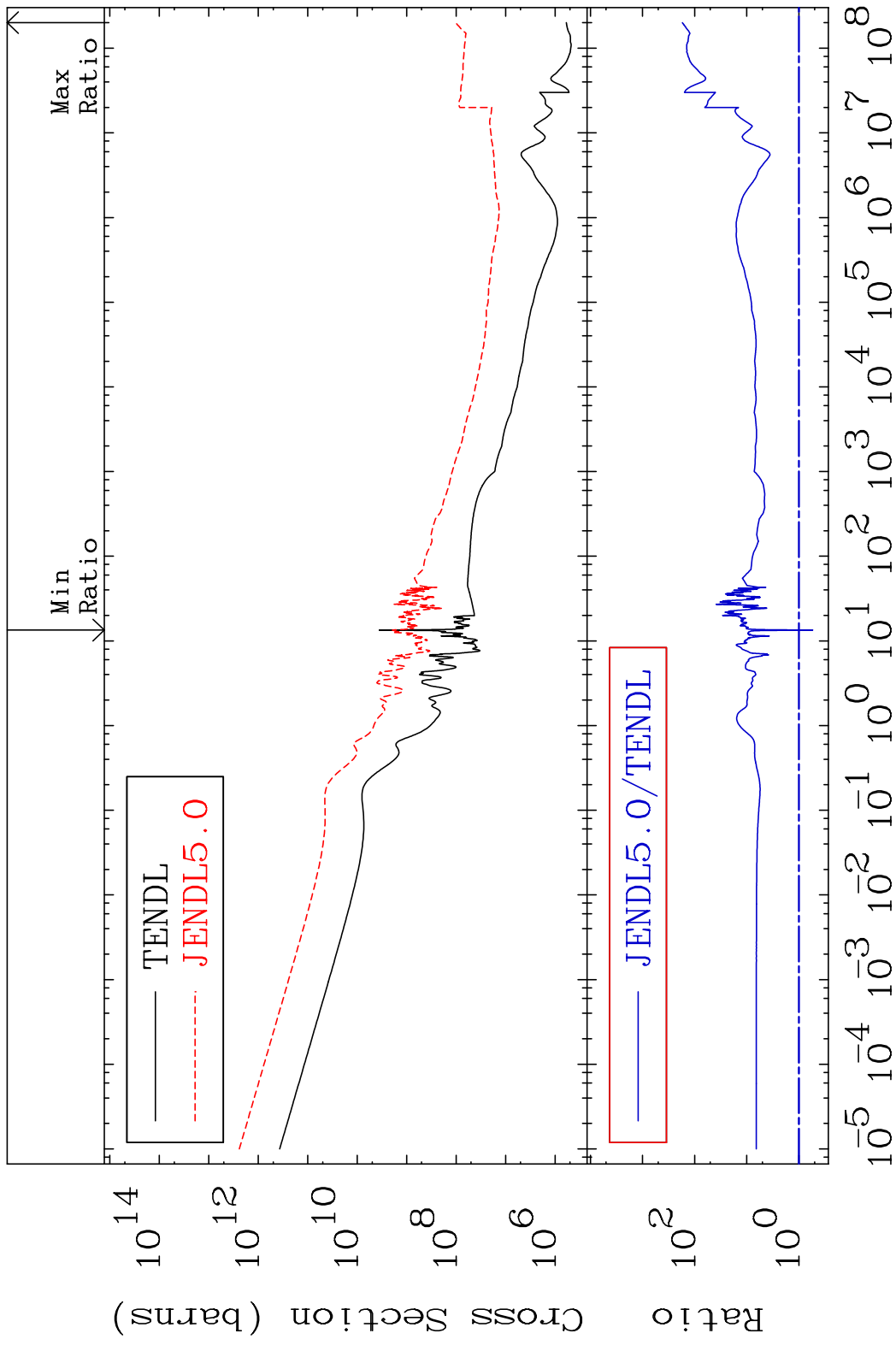


50

Incident Energy (eV)

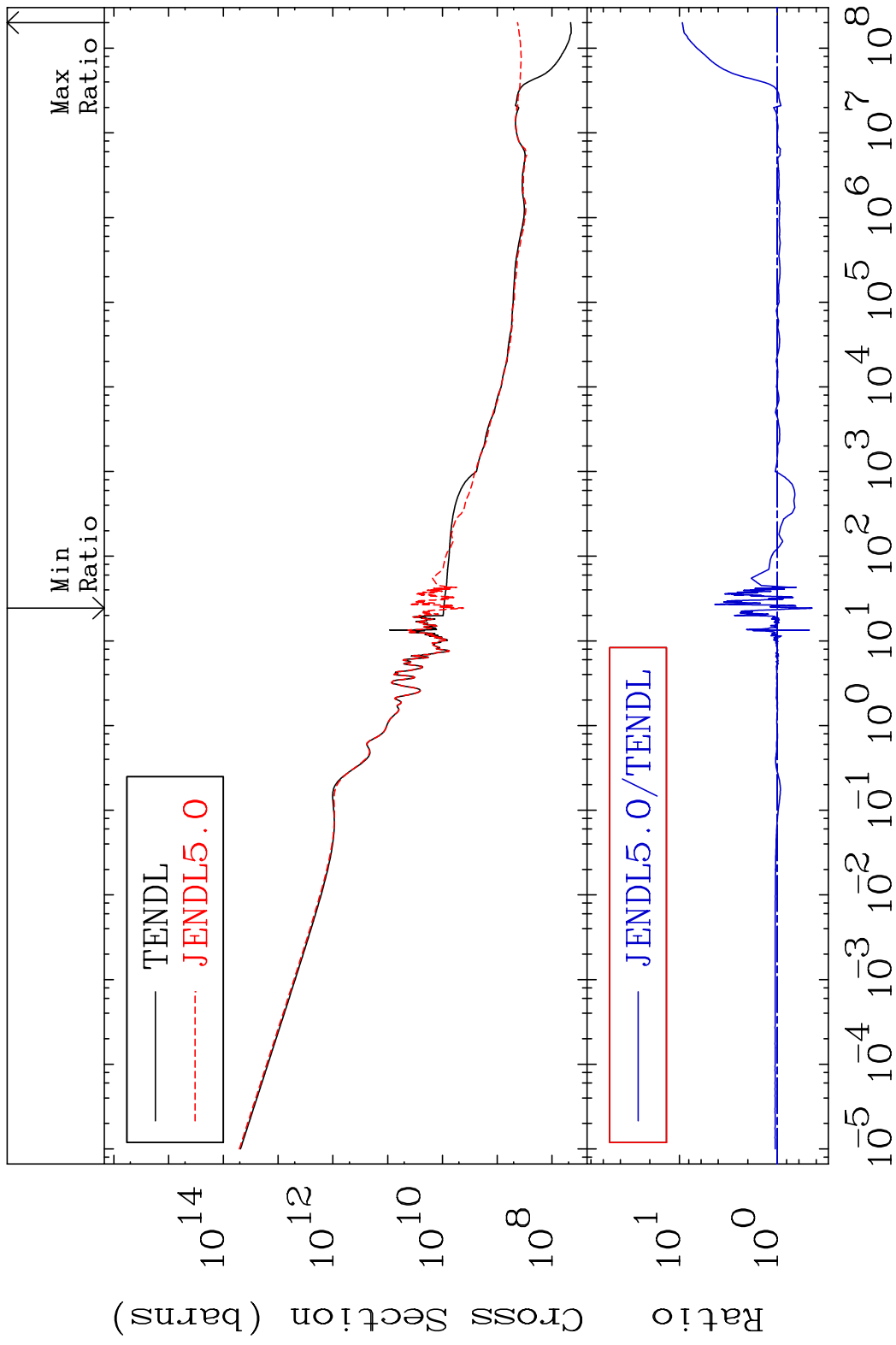
95-Am-242m

MAT 9547 Total photon (eV-barns) 95-Am-242m
Cross Section -45.39 To 9999. %



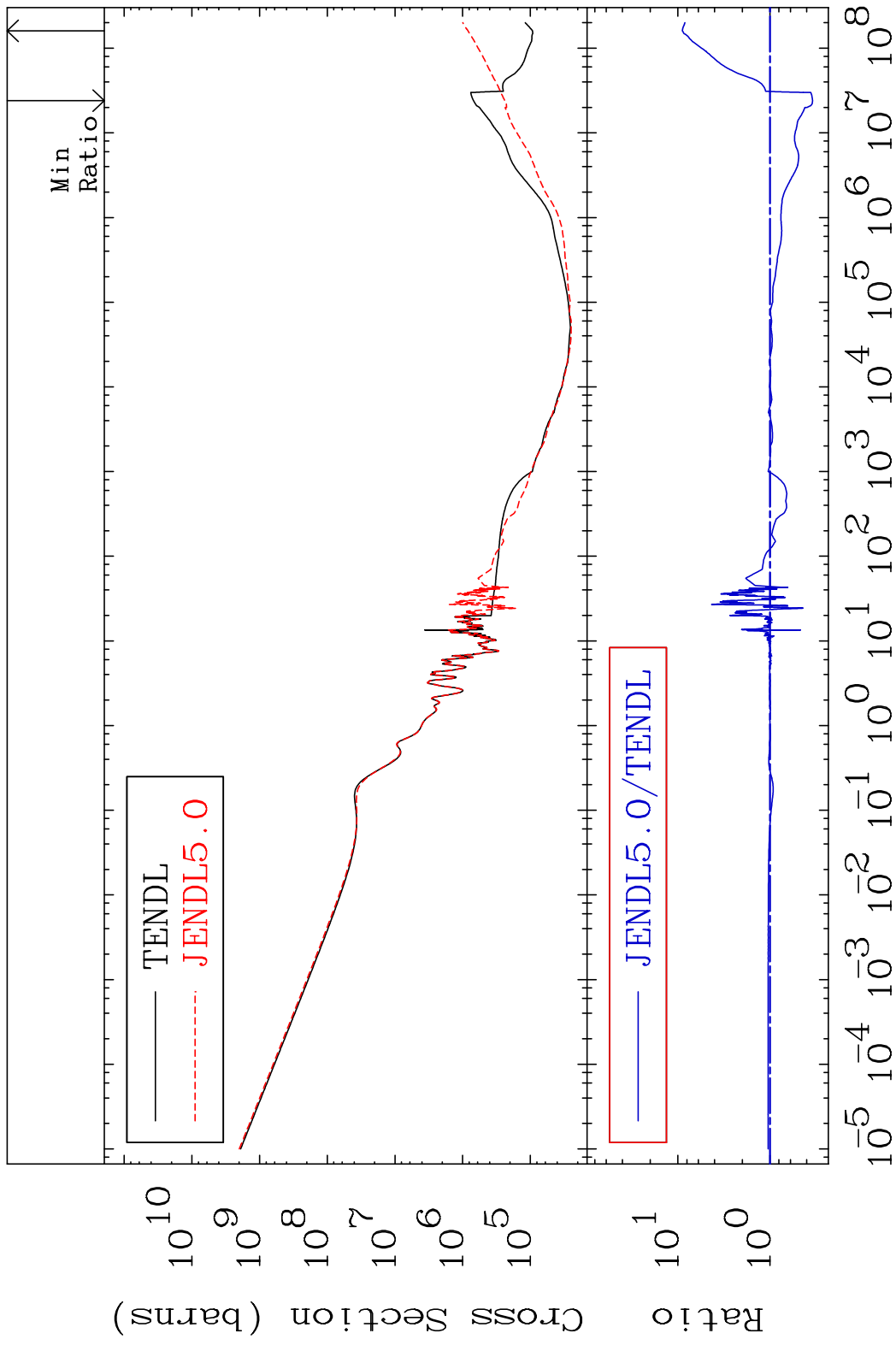
51 Incident Energy (eV) 95-Am-242m

MAT 9547 Total kinematic kerma (high limit)95-Am-242m
 Cross Section -56.46 To 831.1 %

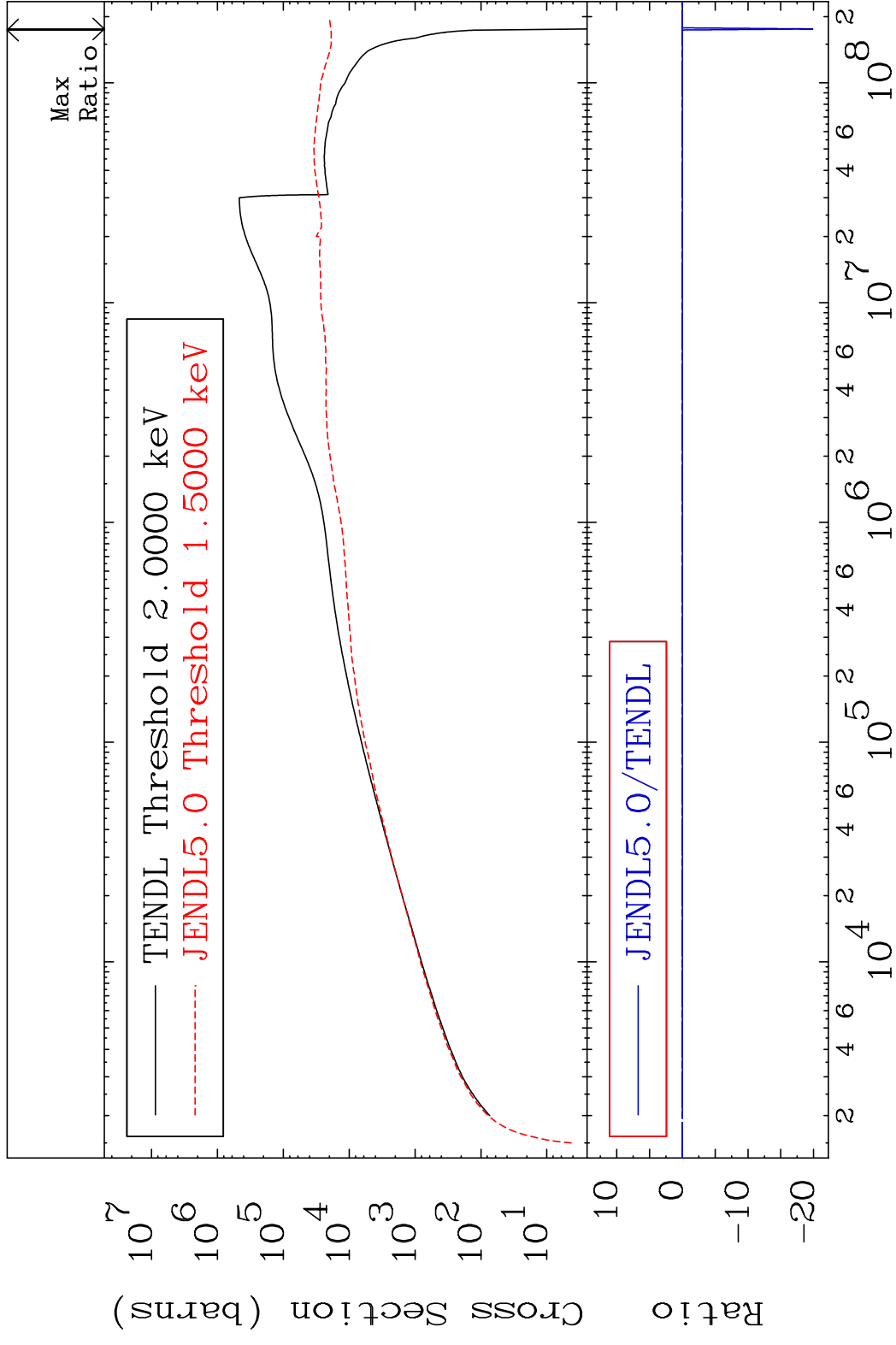


52 Incident Energy (eV) 95-Am-242m

MAT 9547 Dpa total (eV-barns) 95-Am-242m
 Cross Section -65.50 To 795.4 %



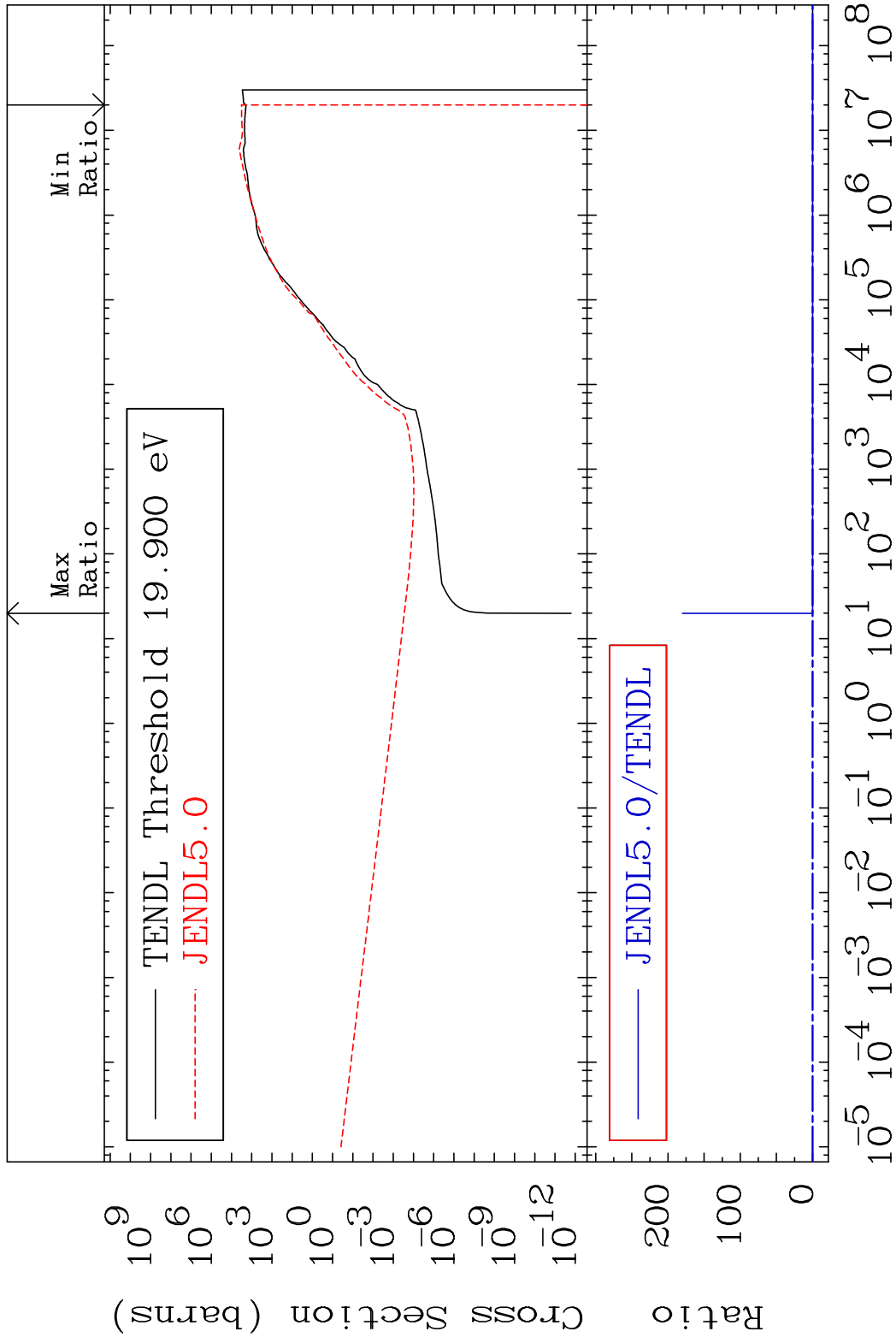
MAT 9547 Dpa elastic (mt2) 95-Am-242m
 Cross Section -9999. To 9999. %



MAT 9547

Dpa inelastic (mt51-91) 95-Am-242m

Cross Section -100.0 To 9999. %



55

Incident Energy (eV)

95-Am-242m

MAT 9547 Dpa disappearance (mt102 -120) 95-Am-242m
 Cross Section -100.0 To 404.0 %

