

Program Complot
(Version 2021-1)

by

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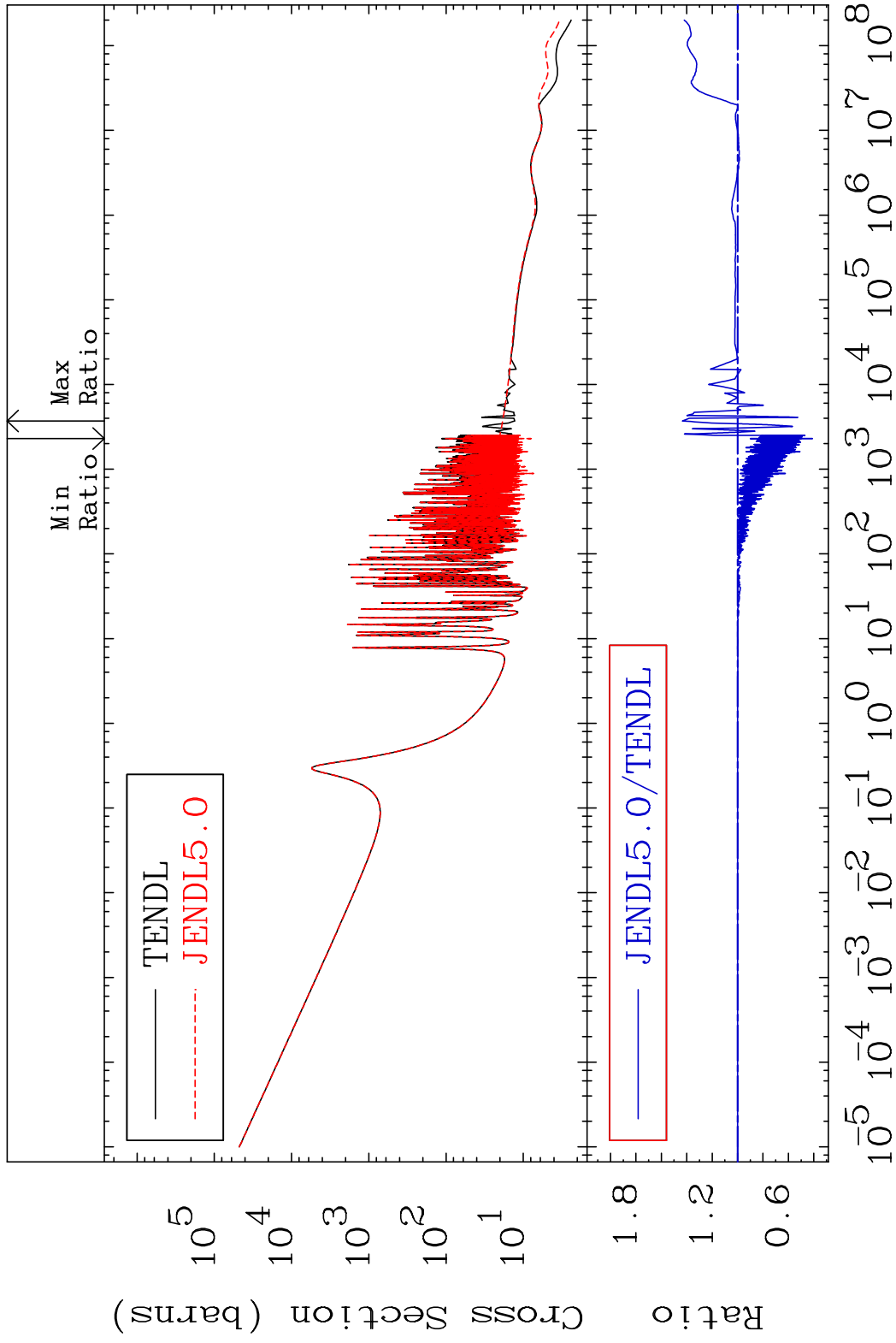
Press Mouse Button to Start

MAT 9437

Total

94-Pu-239

Cross Section -59.02 To 43.47 %



1

Incident Energy (eV)

94-Pu-239

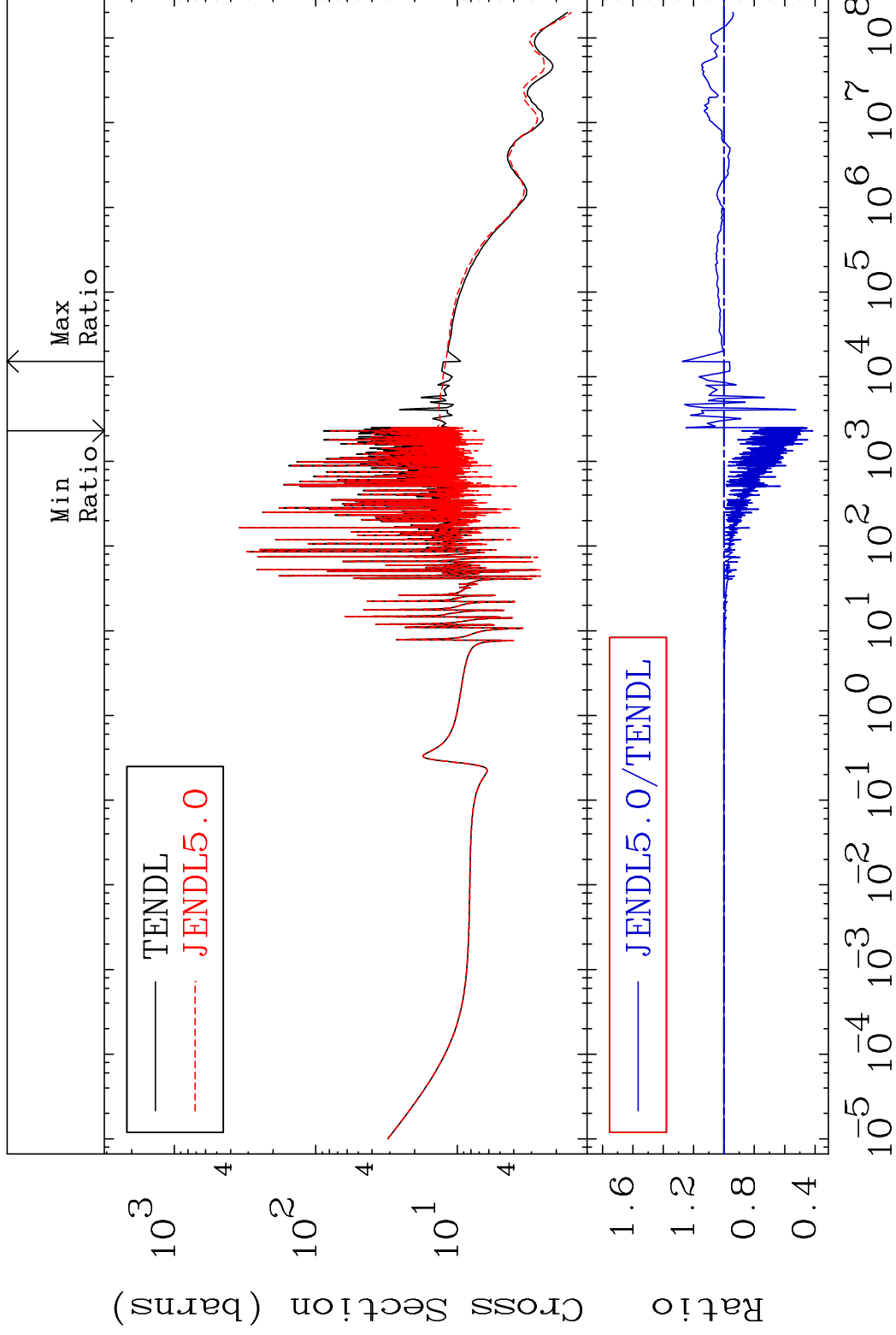
MAT 9437

Elastic

94-Pu-239

Cross Section

-58.37 To 27.42 %



2

Incident Energy (eV)

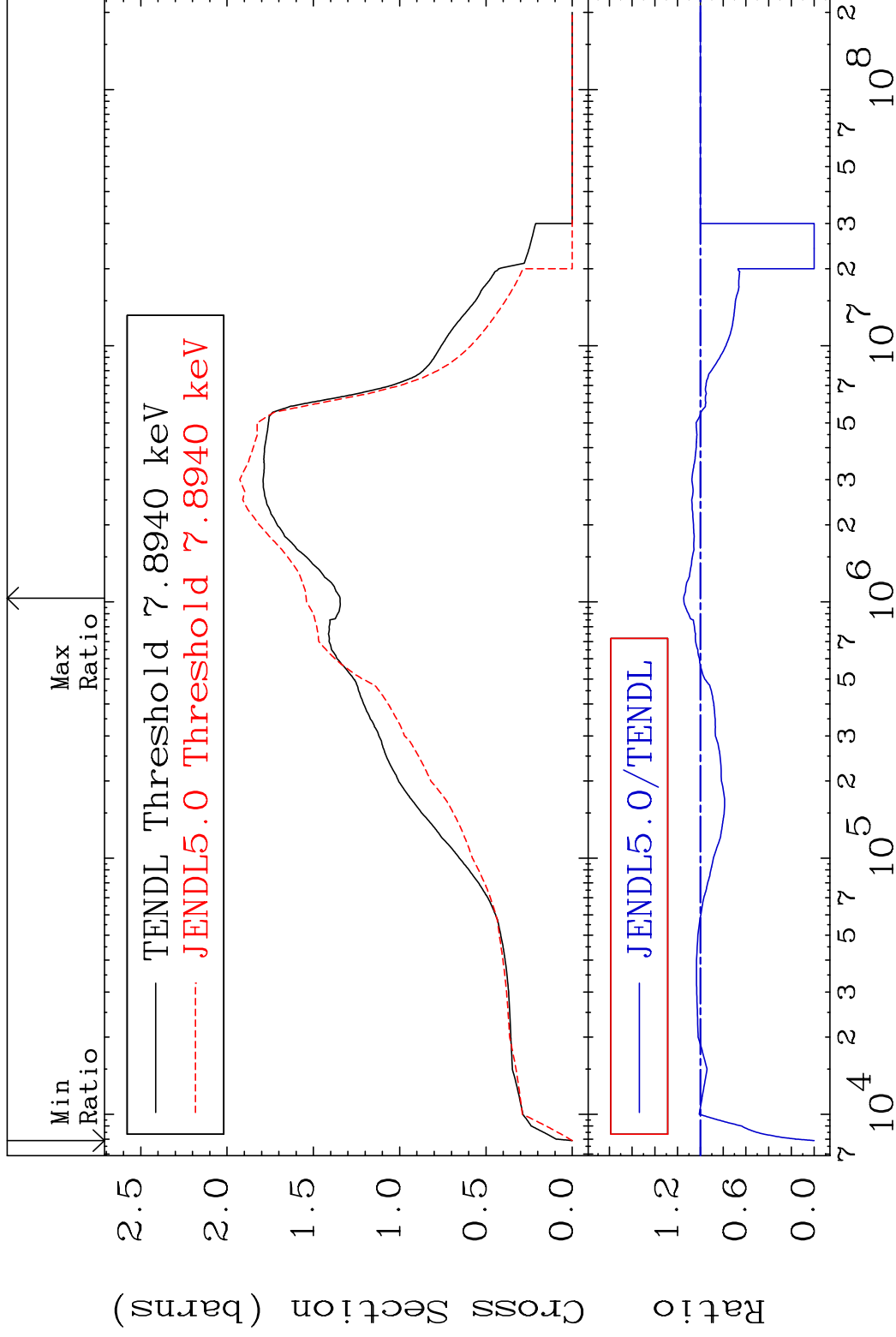
94-Pu-239

MAT 9437

Inelastic

94-Pu-239

Cross Section -100.0 To 14.68 %



3

Incident Energy (eV)

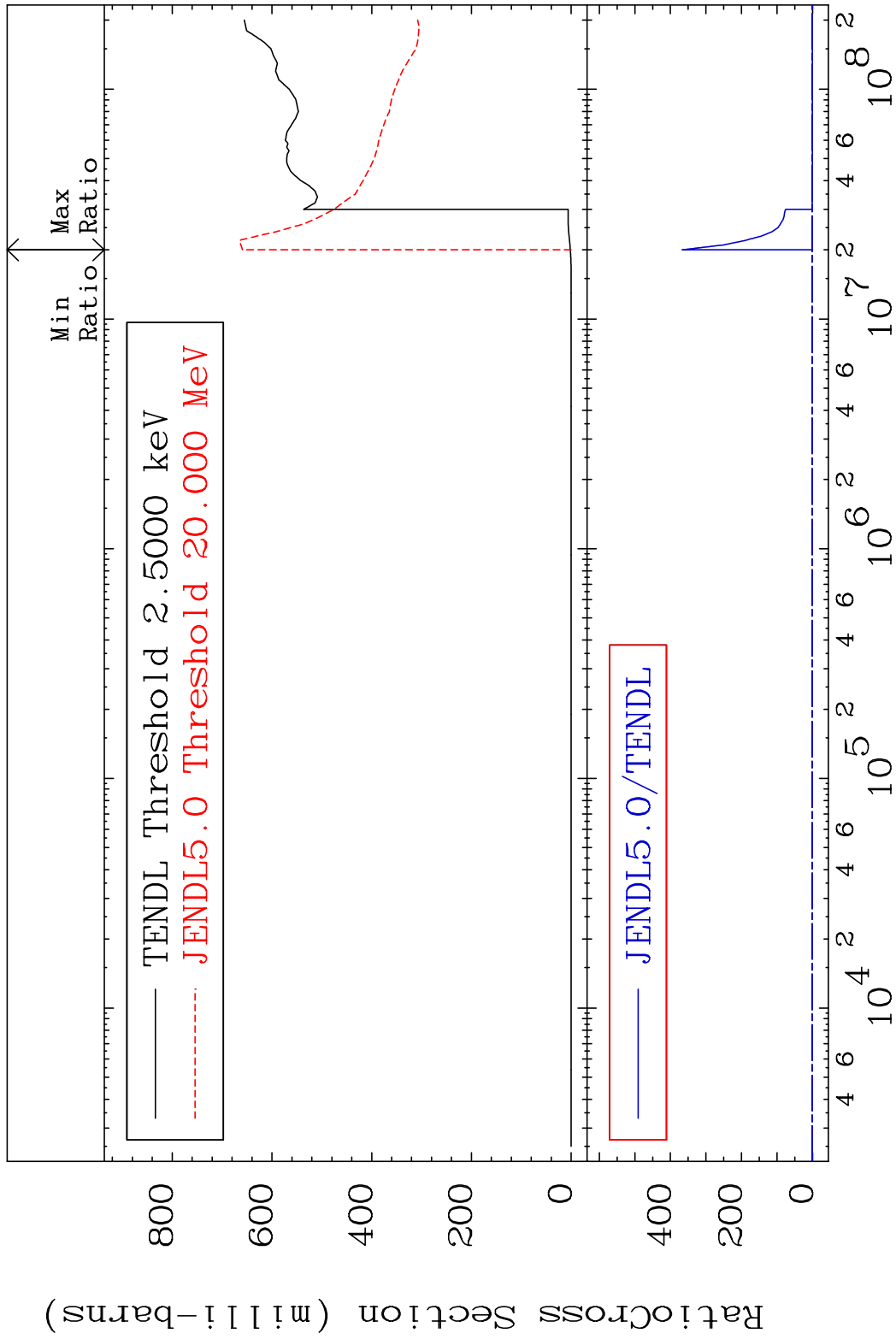
94-Pu-239

MAT 9437

(n, remainder)

94-Pu-239

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

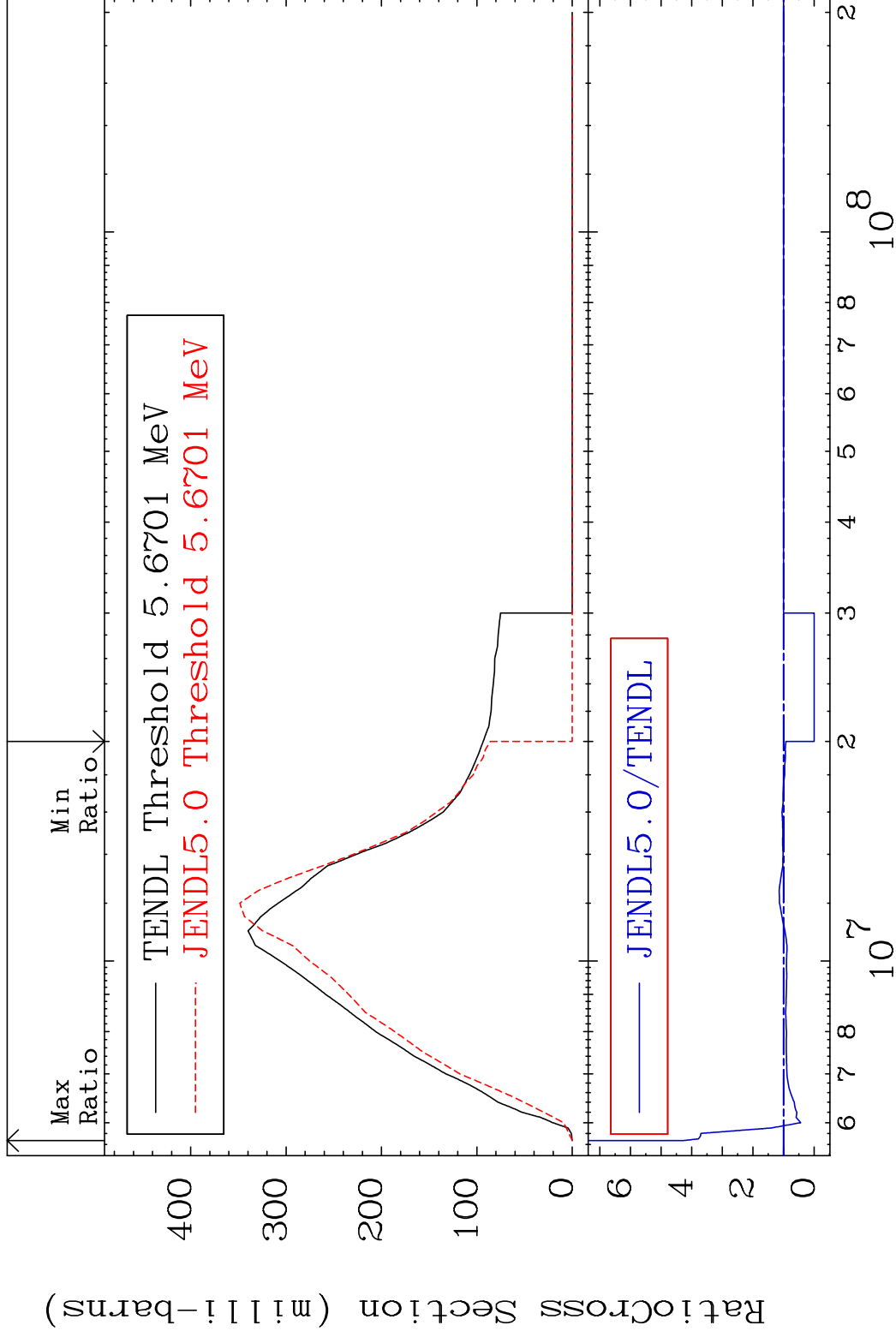
94-Pu-239

MAT 9437

(n,2n)

94-Pu-239

Cross Section -100.0 To 326.3 %

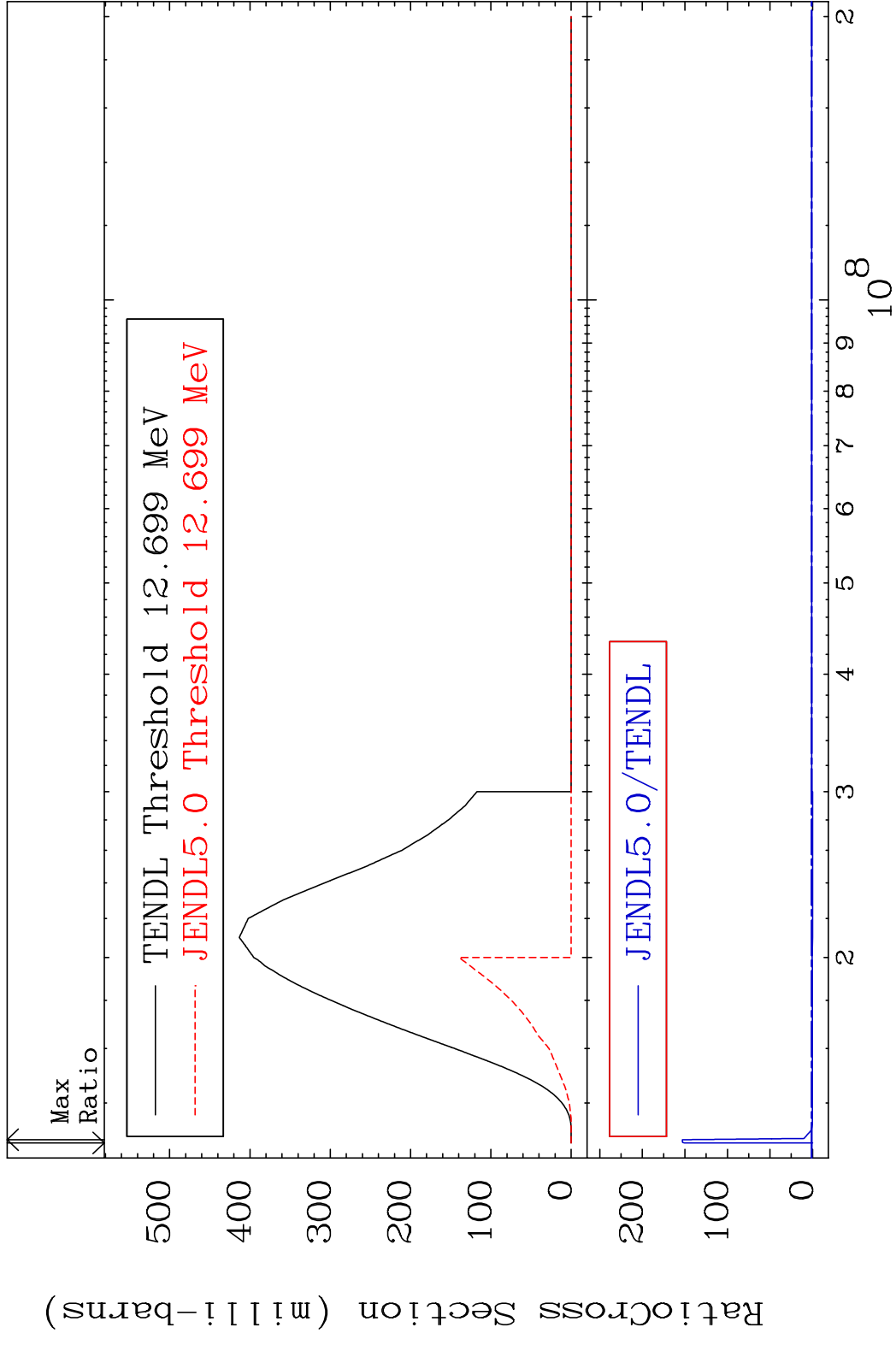


5

Incident Energy (eV)

94-Pu-239

MAT 9437 (n,3n) 94-Pu-239
 Cross Section -100.0 To 9999. %

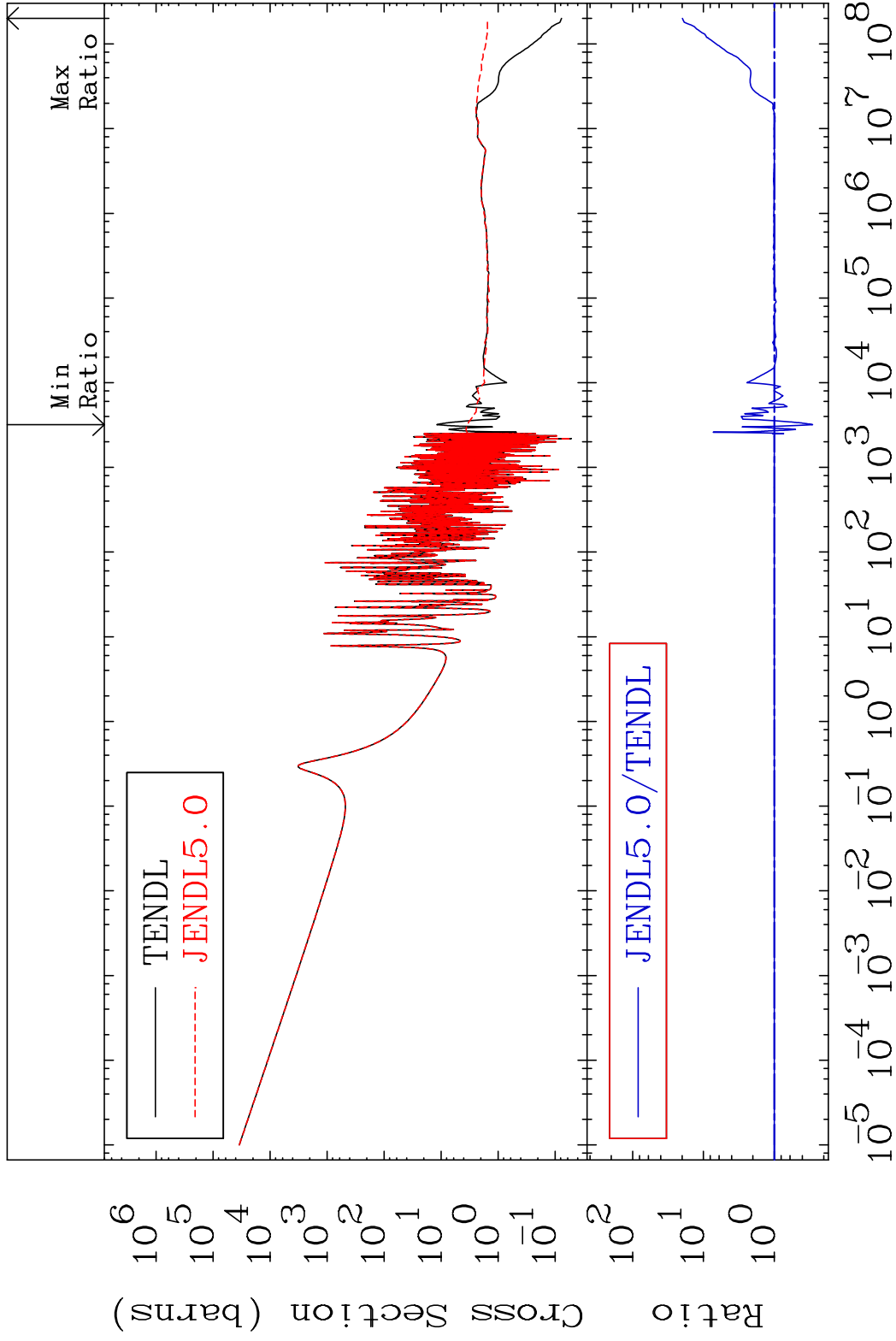


MAT 9437

Fission

94-Pu-239

Cross Section -71.20 To 1885. %



7

Incident Energy (eV)

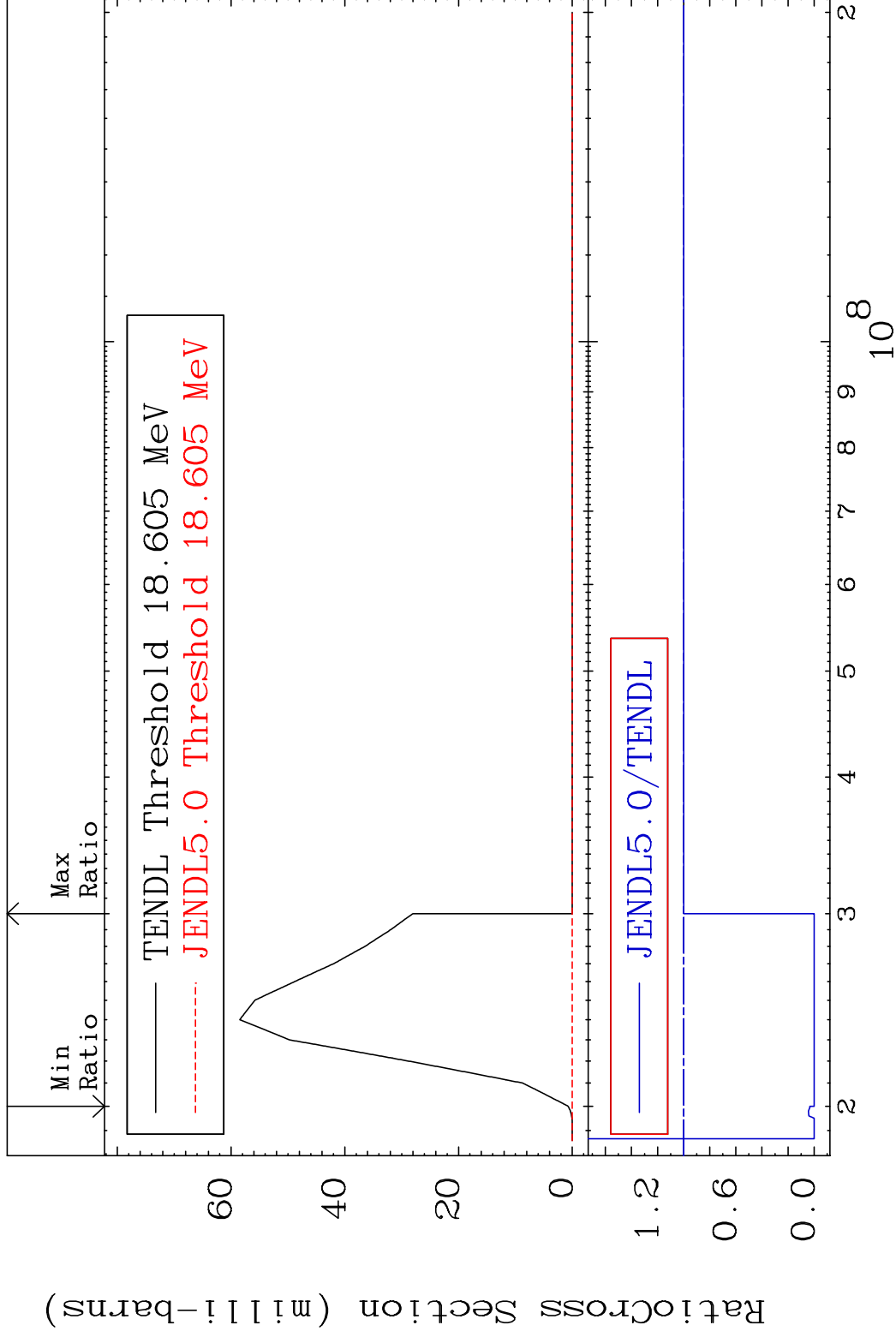
94-Pu-239

MAT 9437

(n,4n)

94-Pu-239

Cross Section -100.0 To 0.000 %

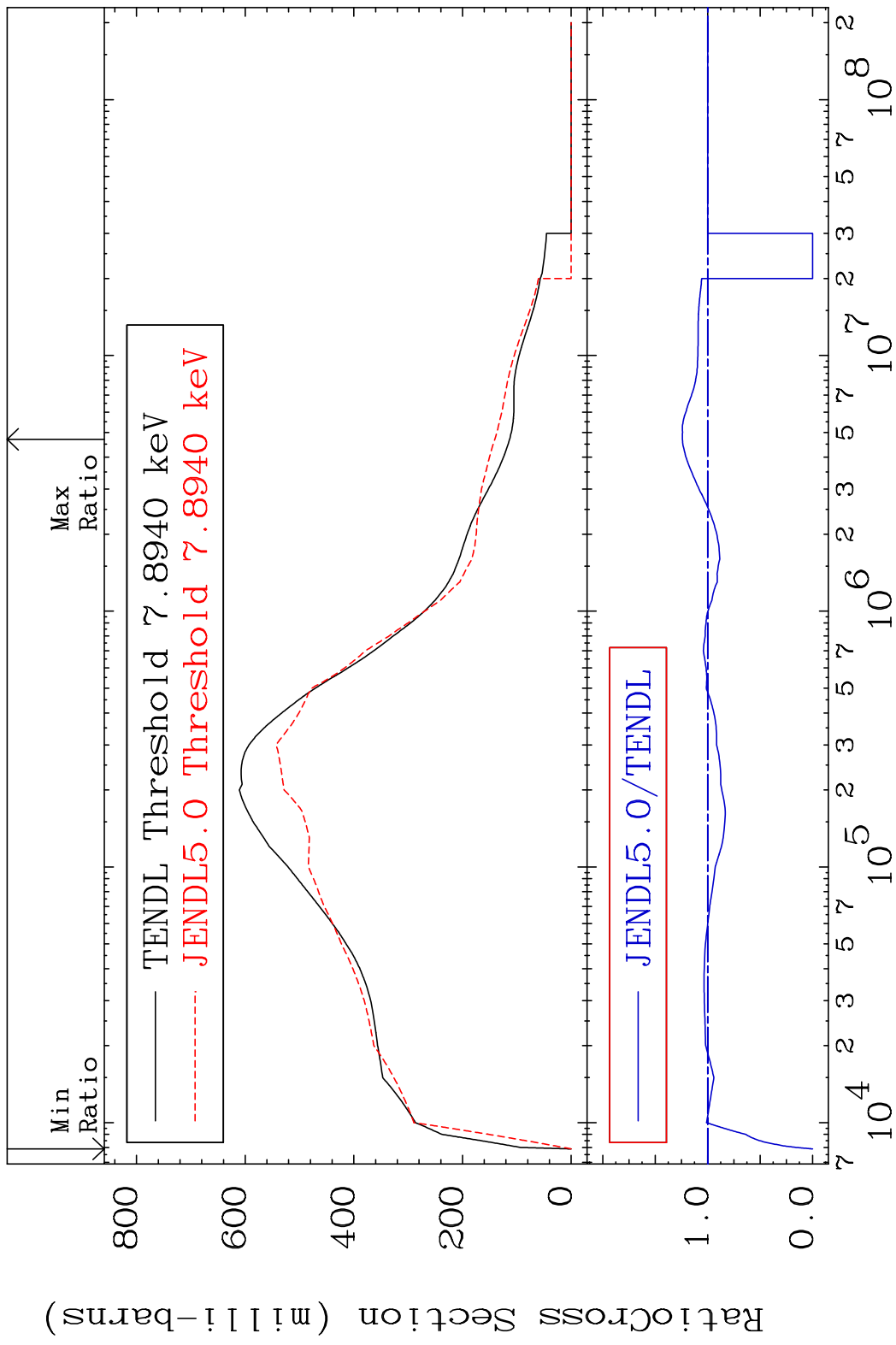


8

Incident Energy (eV)

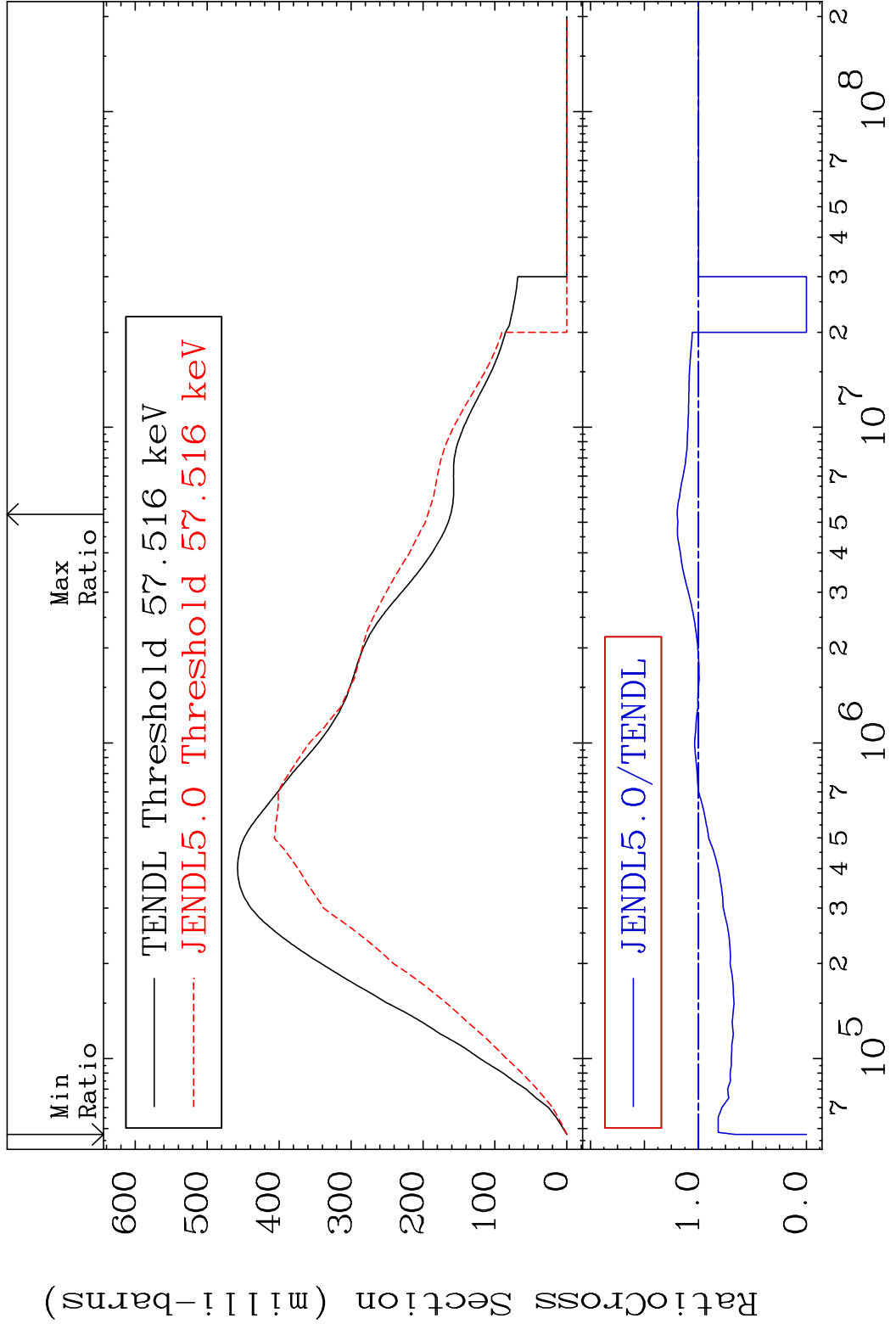
94-Pu-239

MAT 9437 MT= 51 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 24.14 %



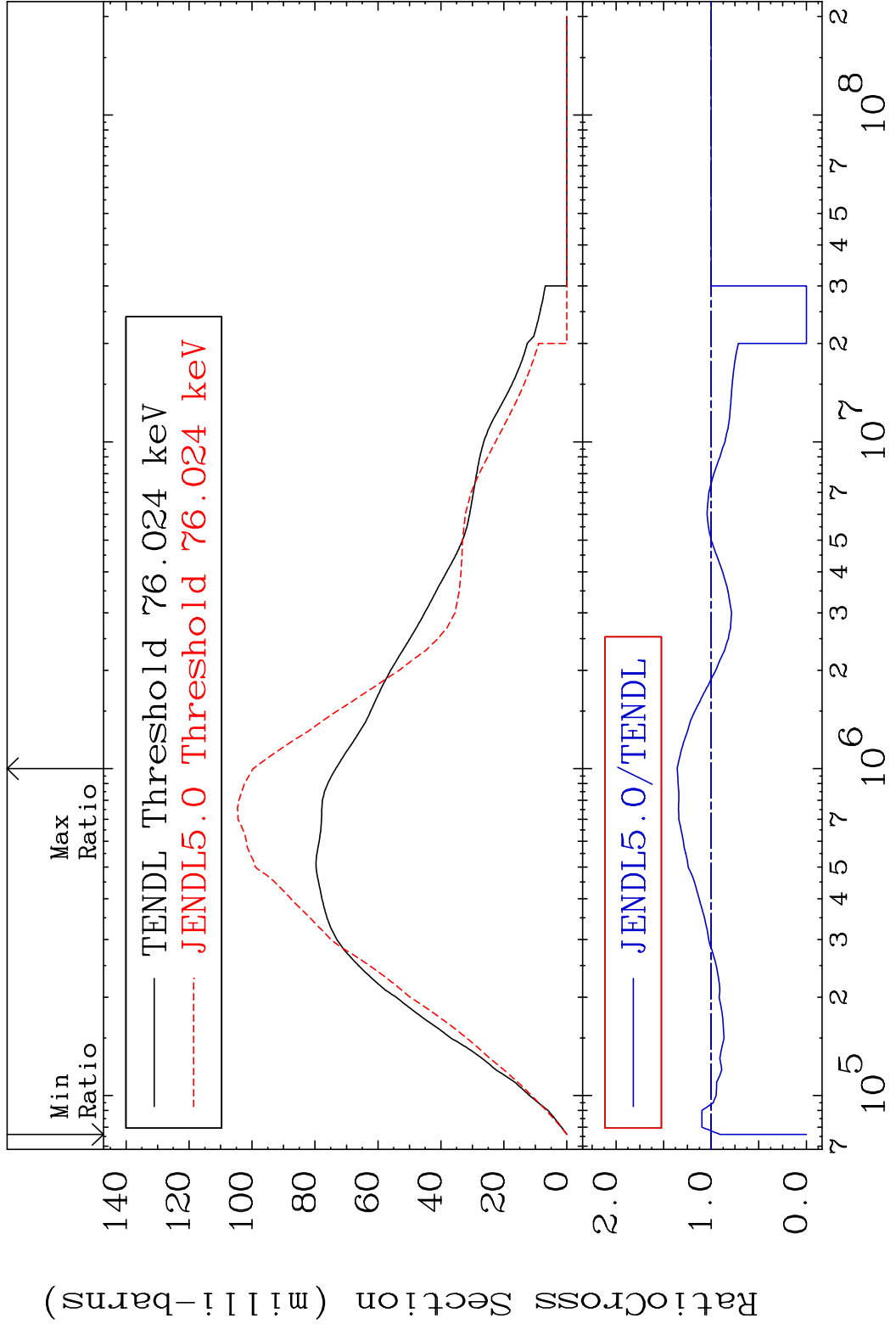
9 94-Pu-239

MAT 9437 MT= 52 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 19.67 %

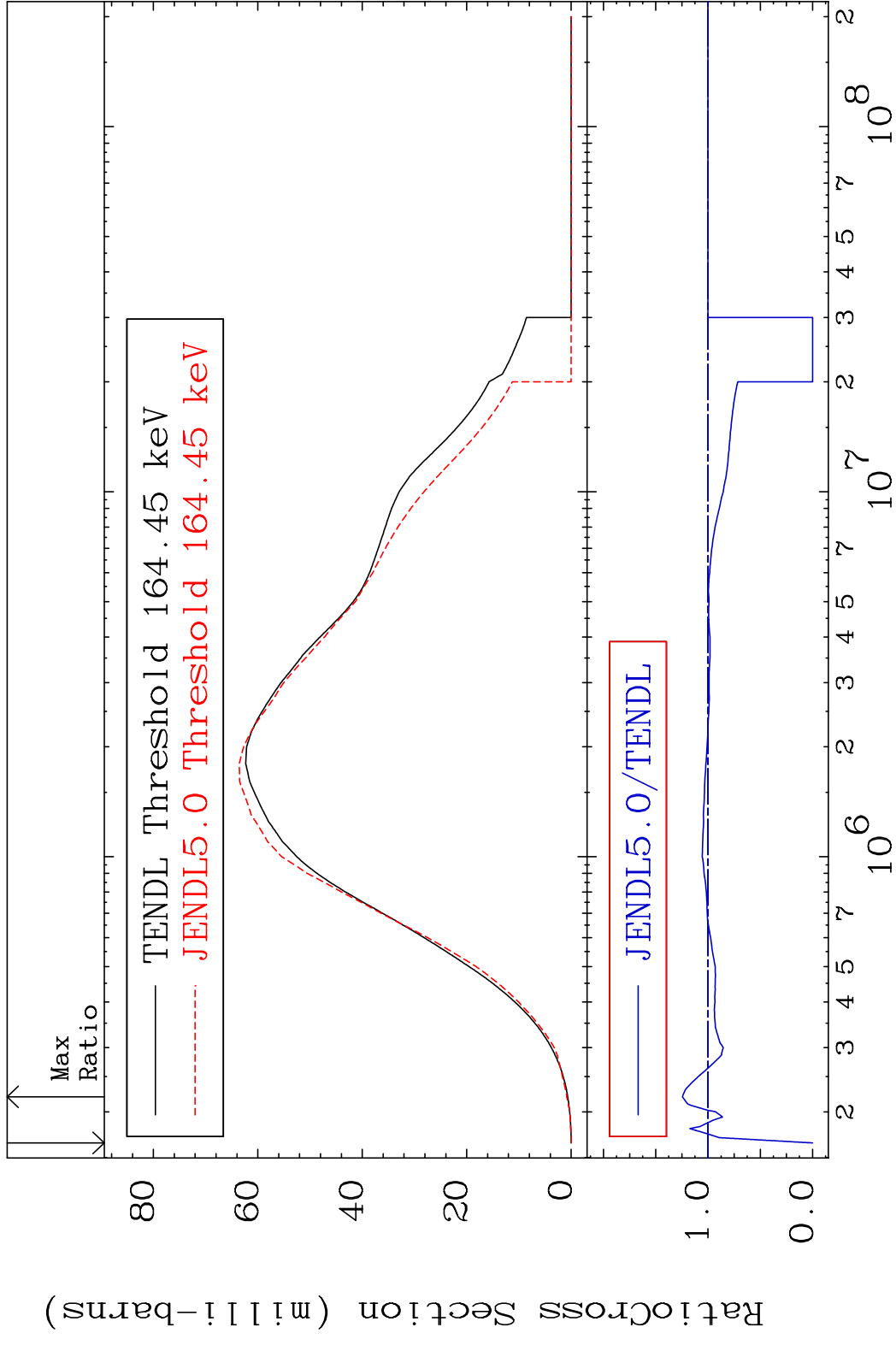


10 94-Pu-239

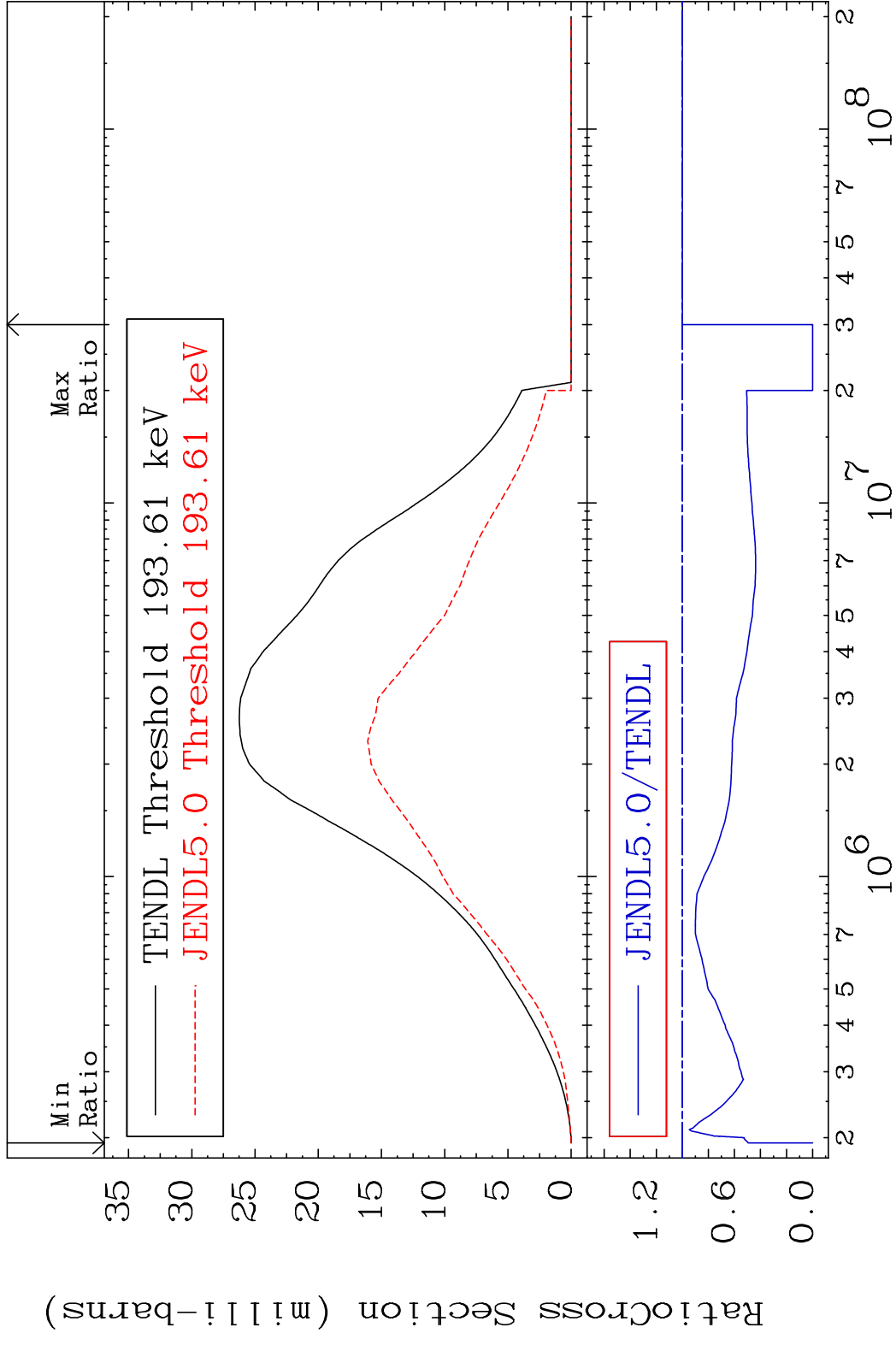
MAT 9437 MT= 53 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 35.75 %



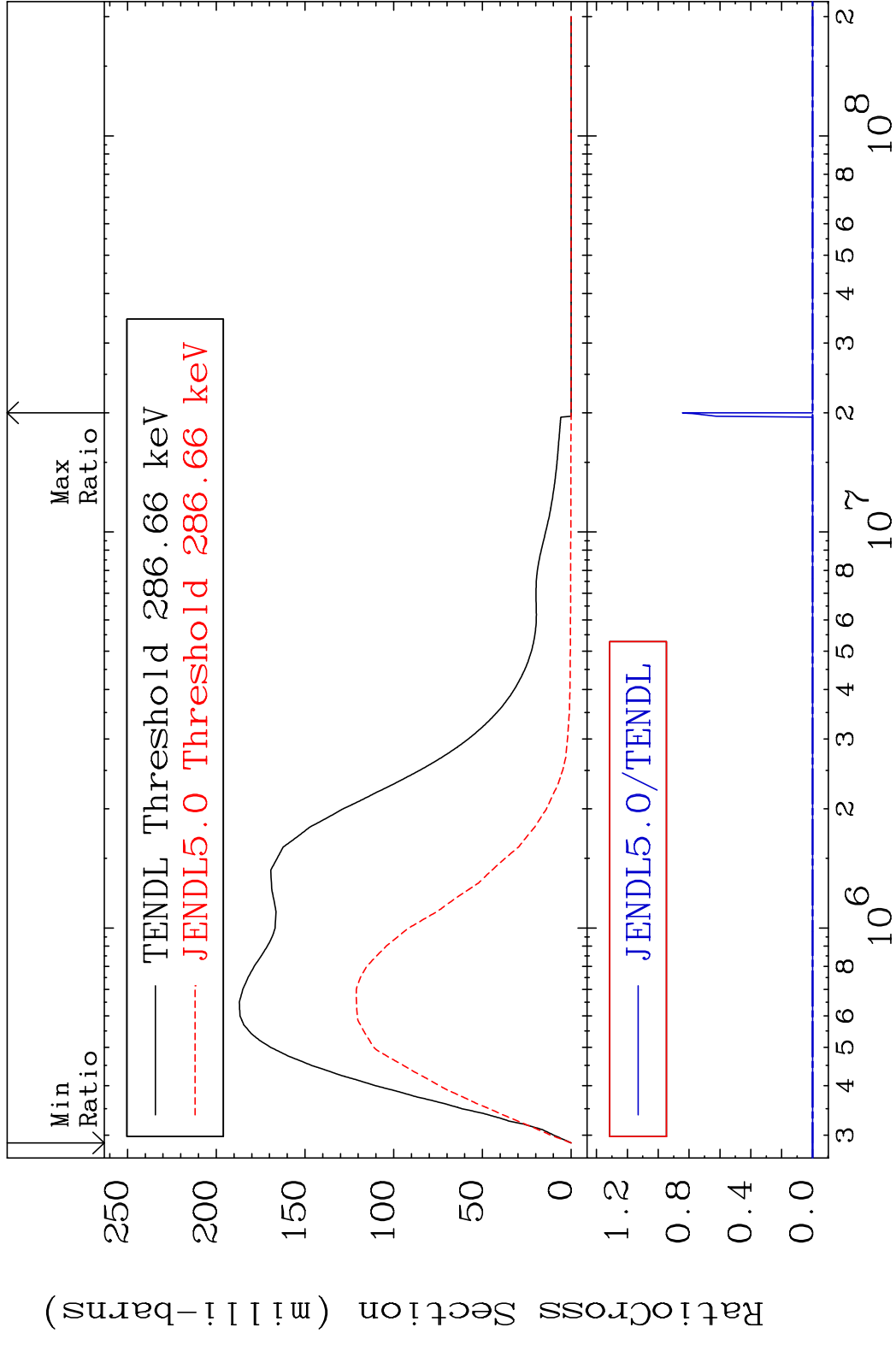
MAT 9437 MT= 54 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 24.54 %



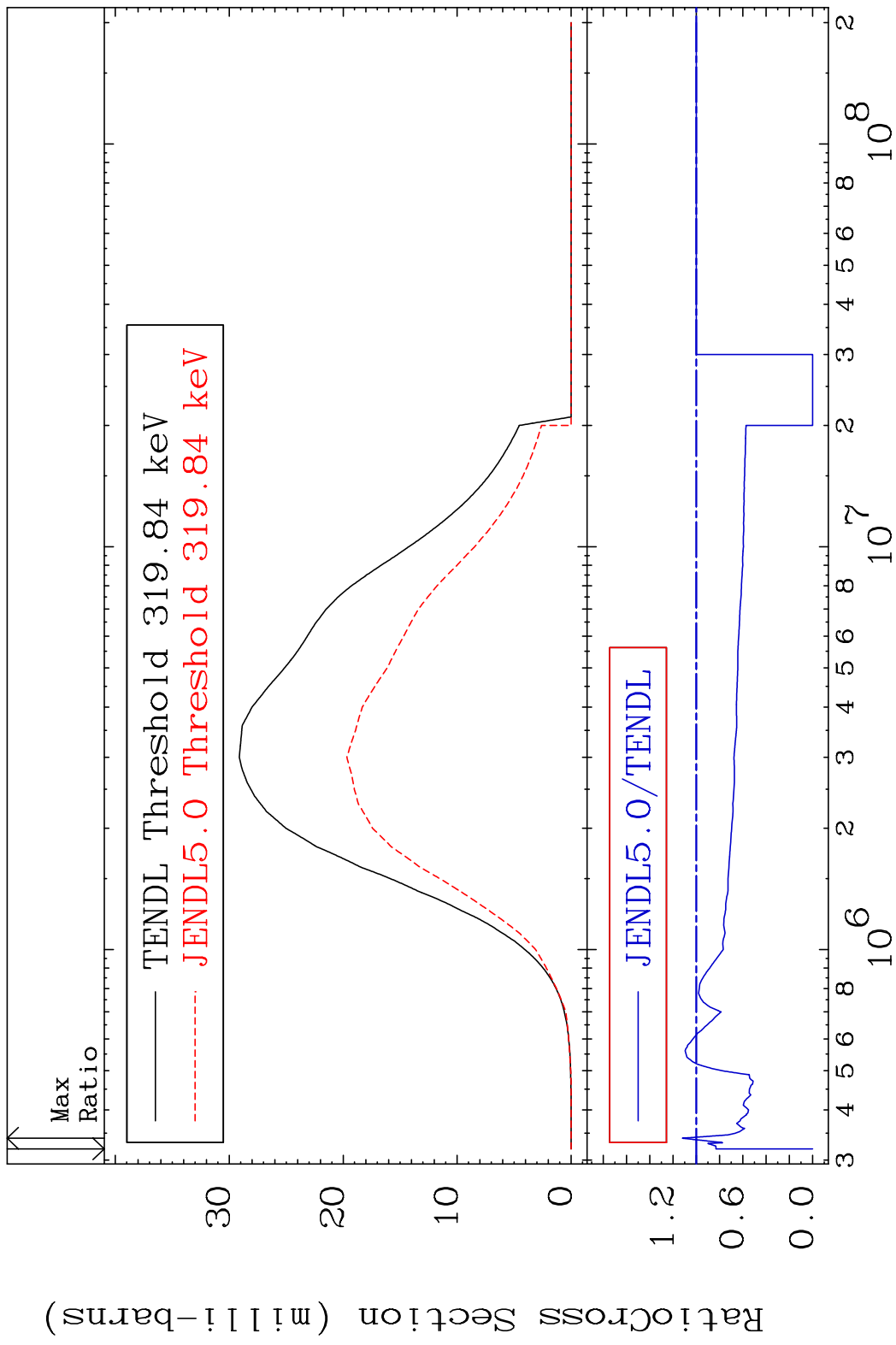
MAT 9437 MT= 55 (n,n') Level 94-Pu-239
 Cross Section -100.0 To 0.000 %



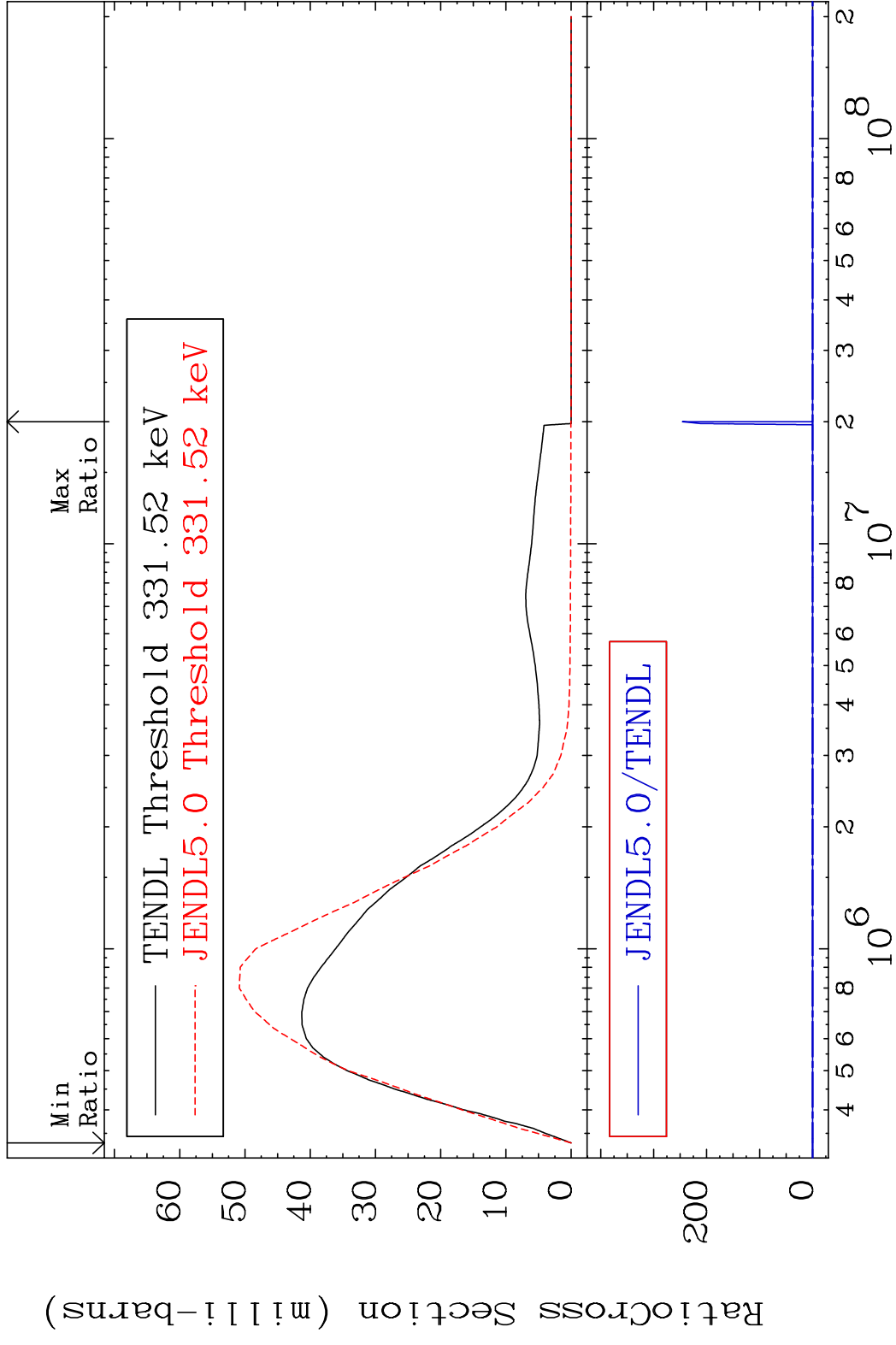
MAT 9437 MT= 56 (n,n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



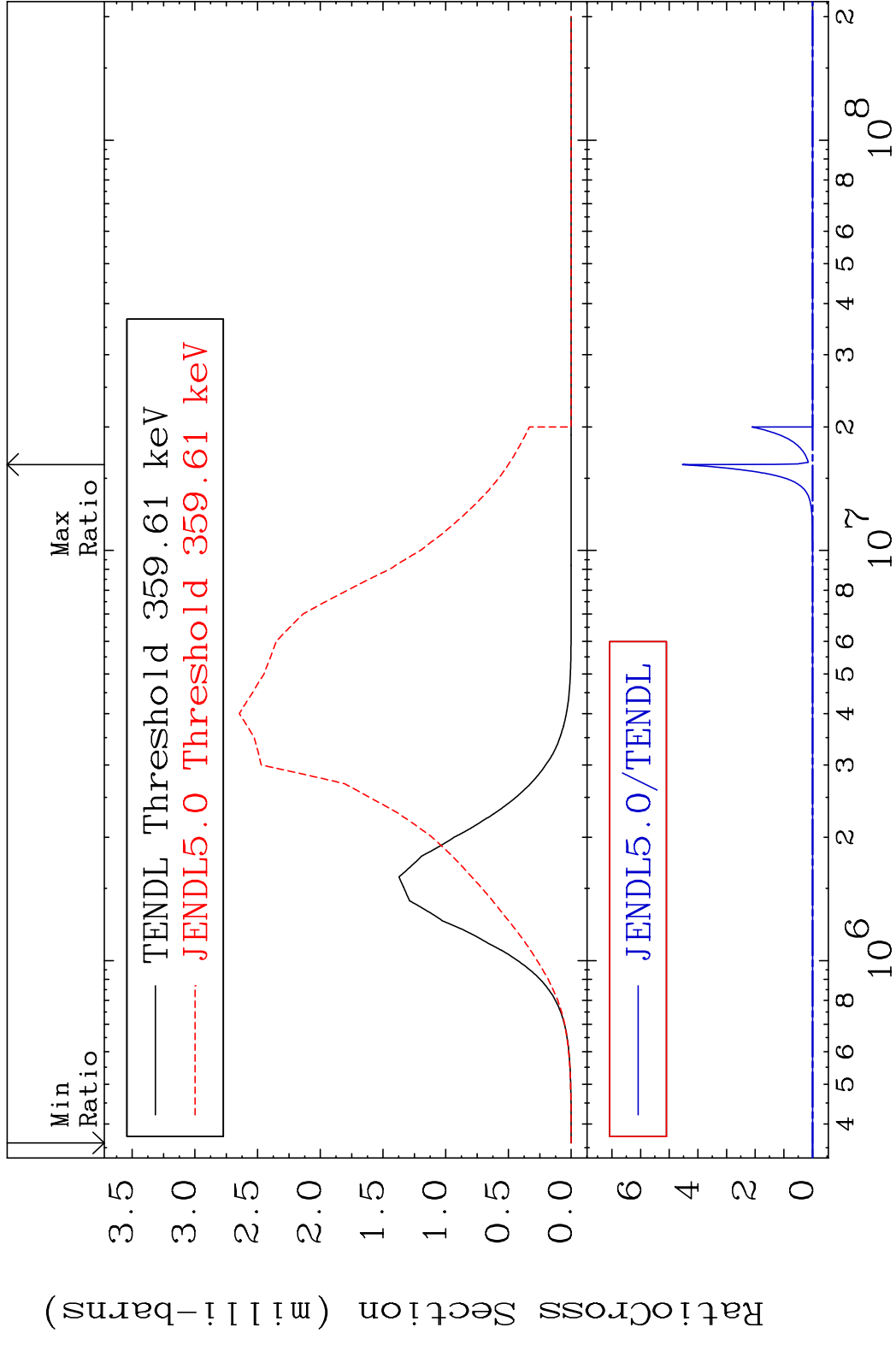
MAT 9437 MT= 57 (n,n') Level 94-Pu-239
 Cross Section -100.0 To 11.93 %



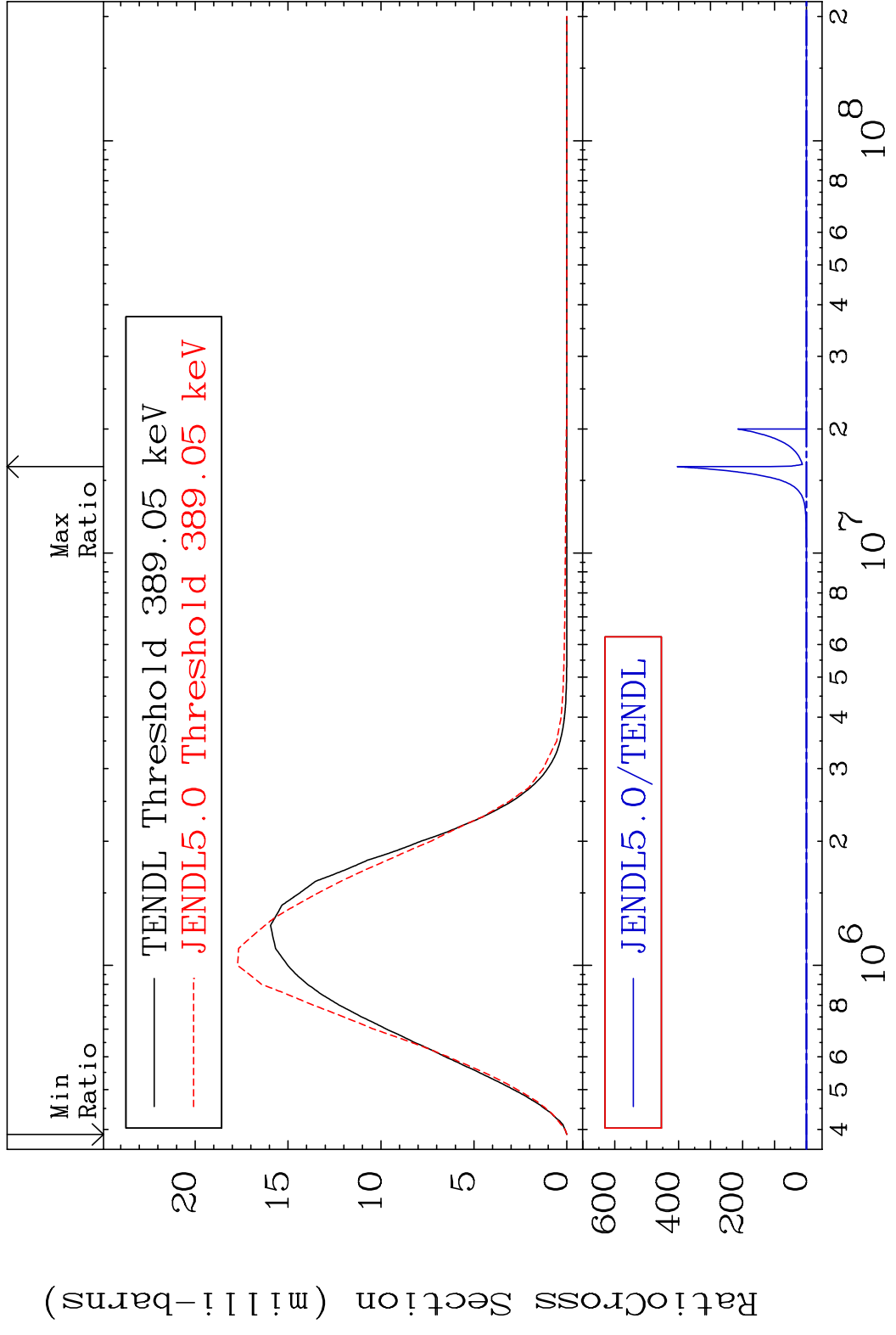
MAT 9437 MT= 58 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



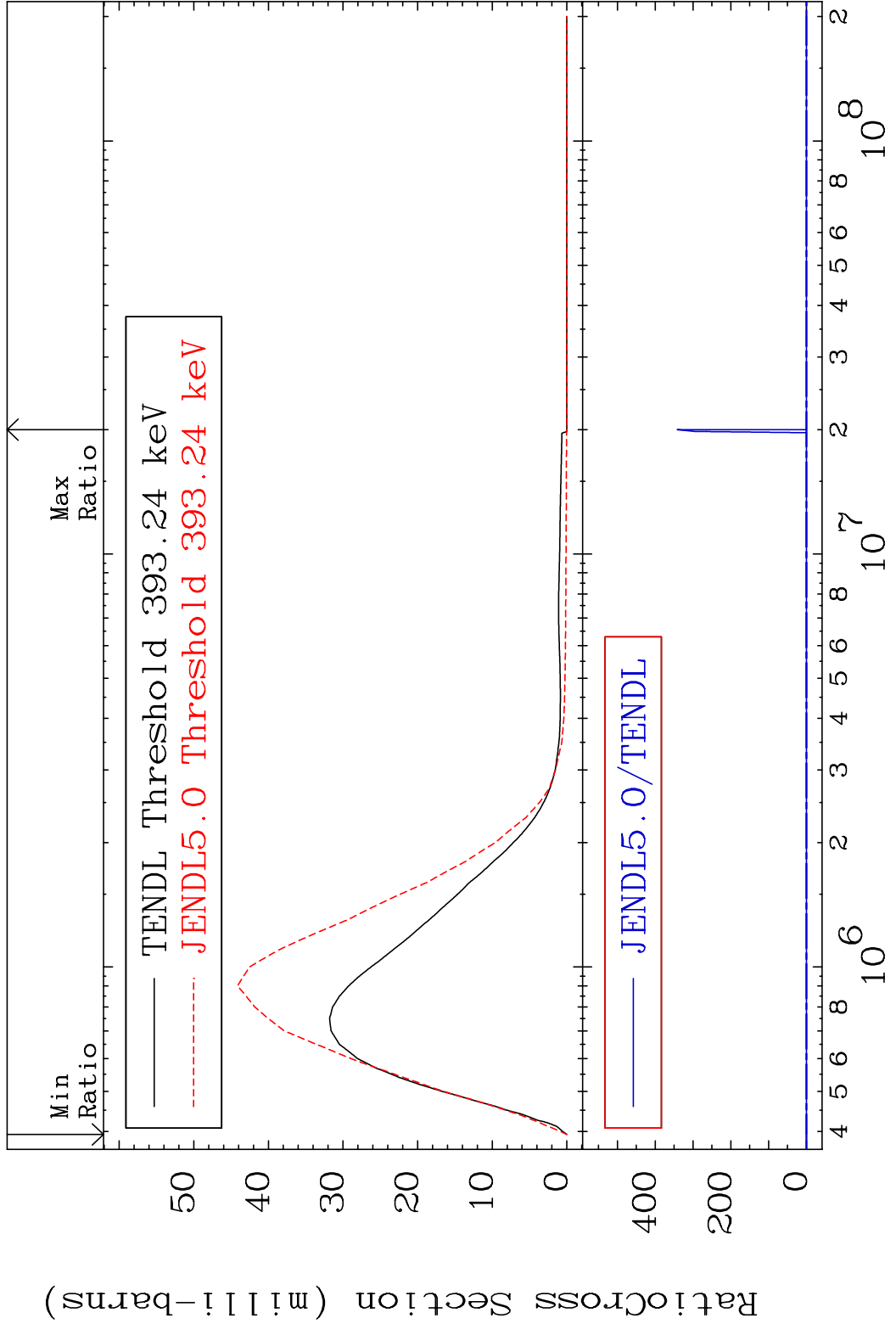
MAT 9437 MT= 59 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



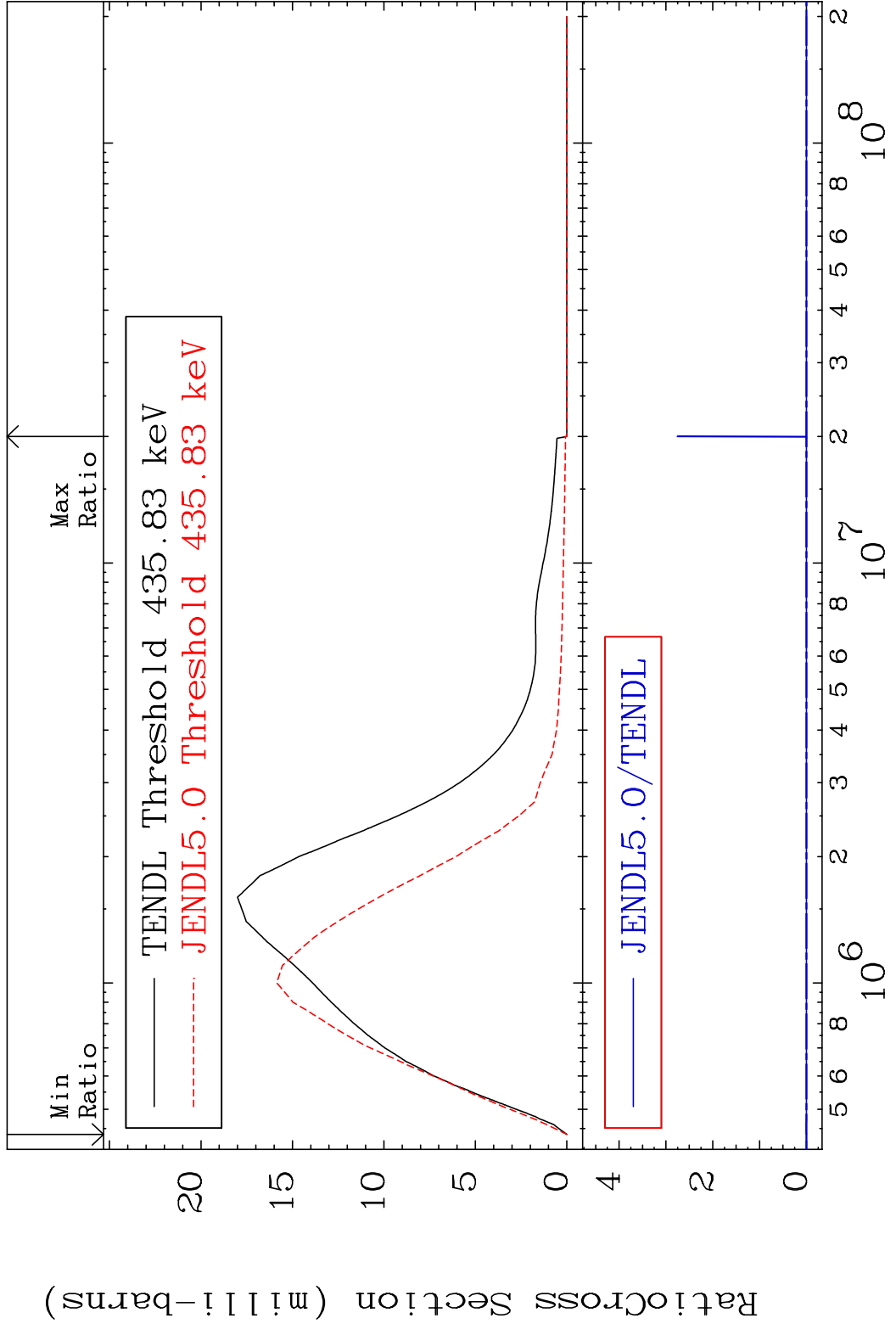
MAT 9437 MT= 60 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



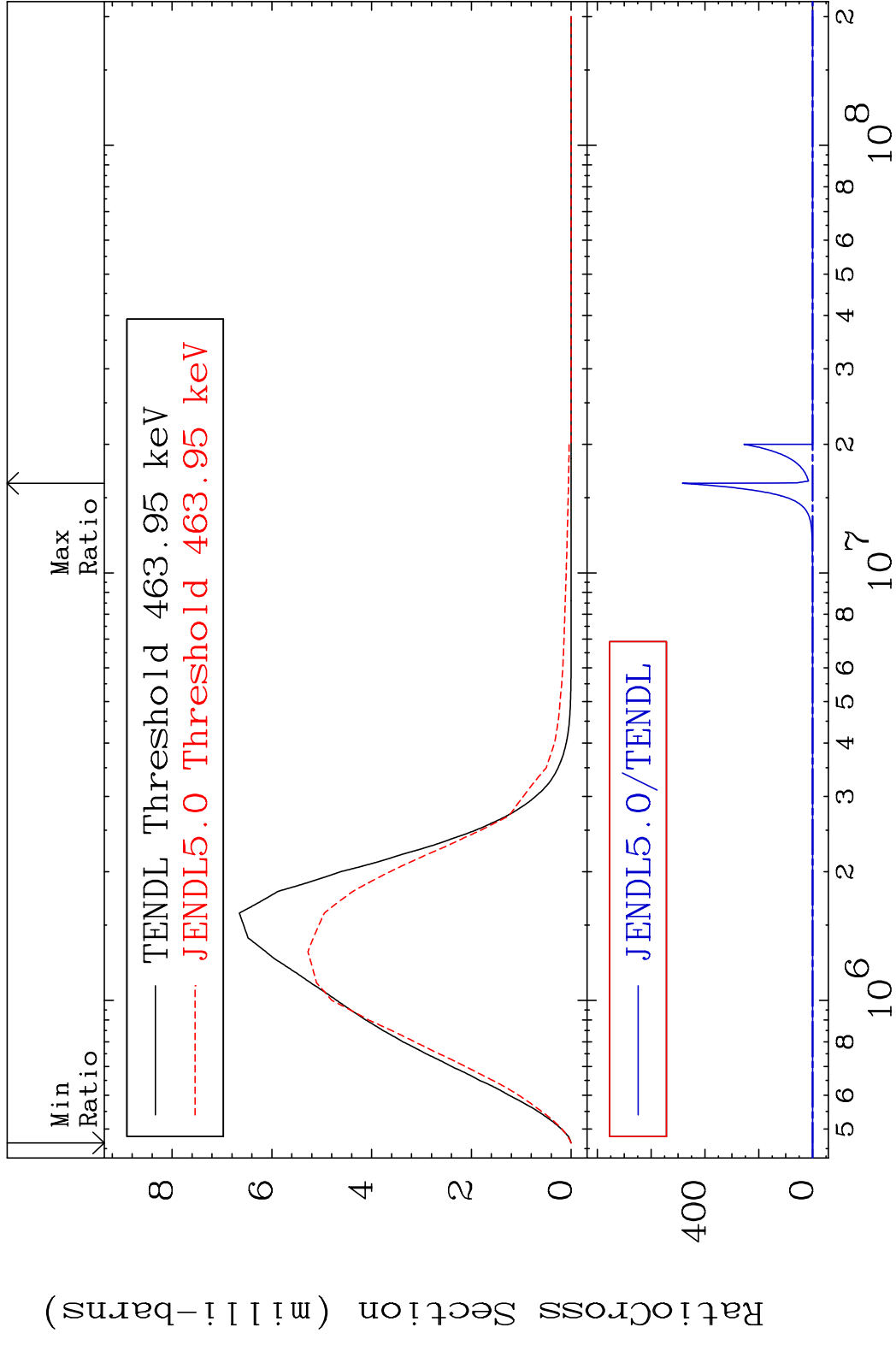
MAT 9437 MT= 61 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



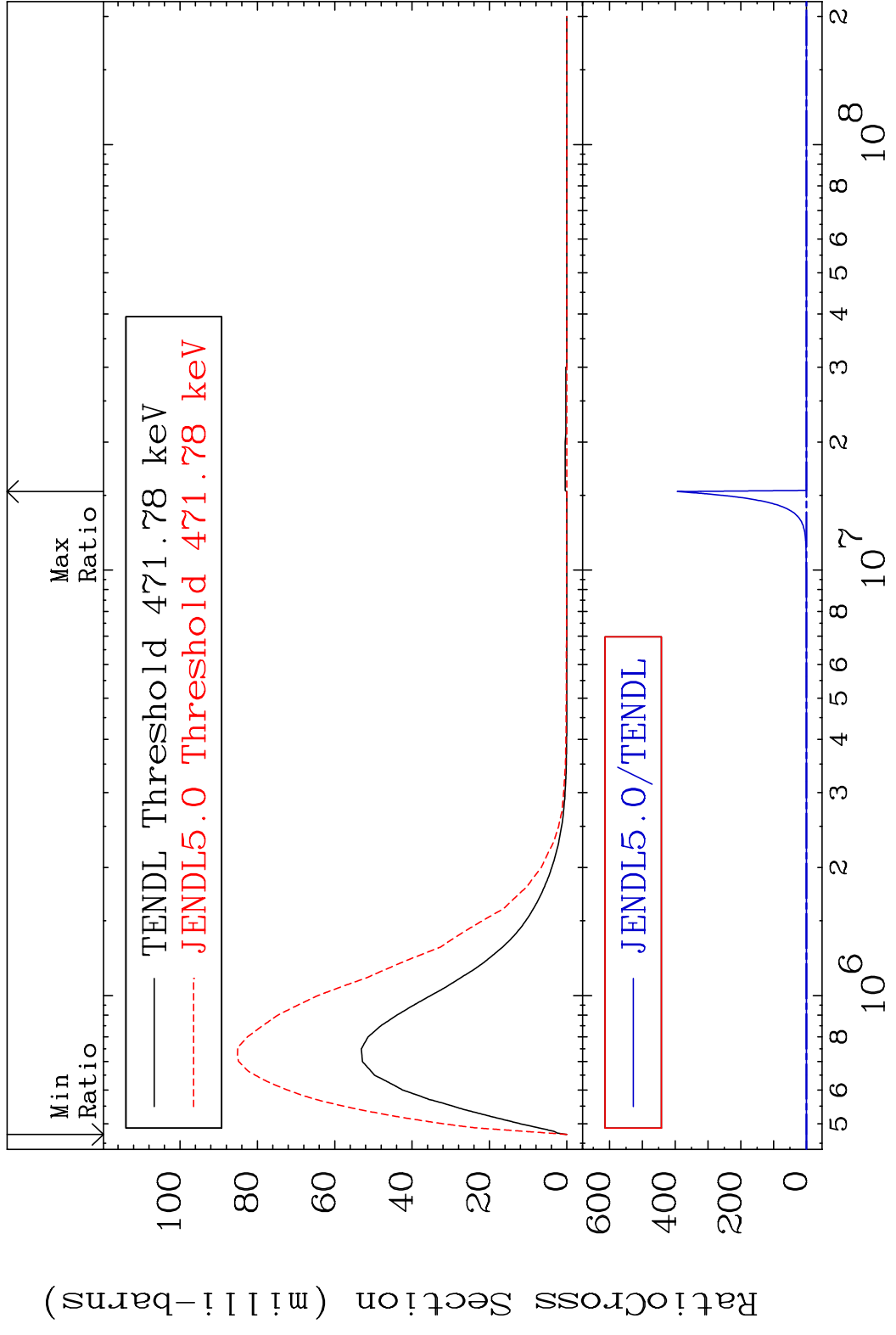
MAT 9437 MT= 62 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



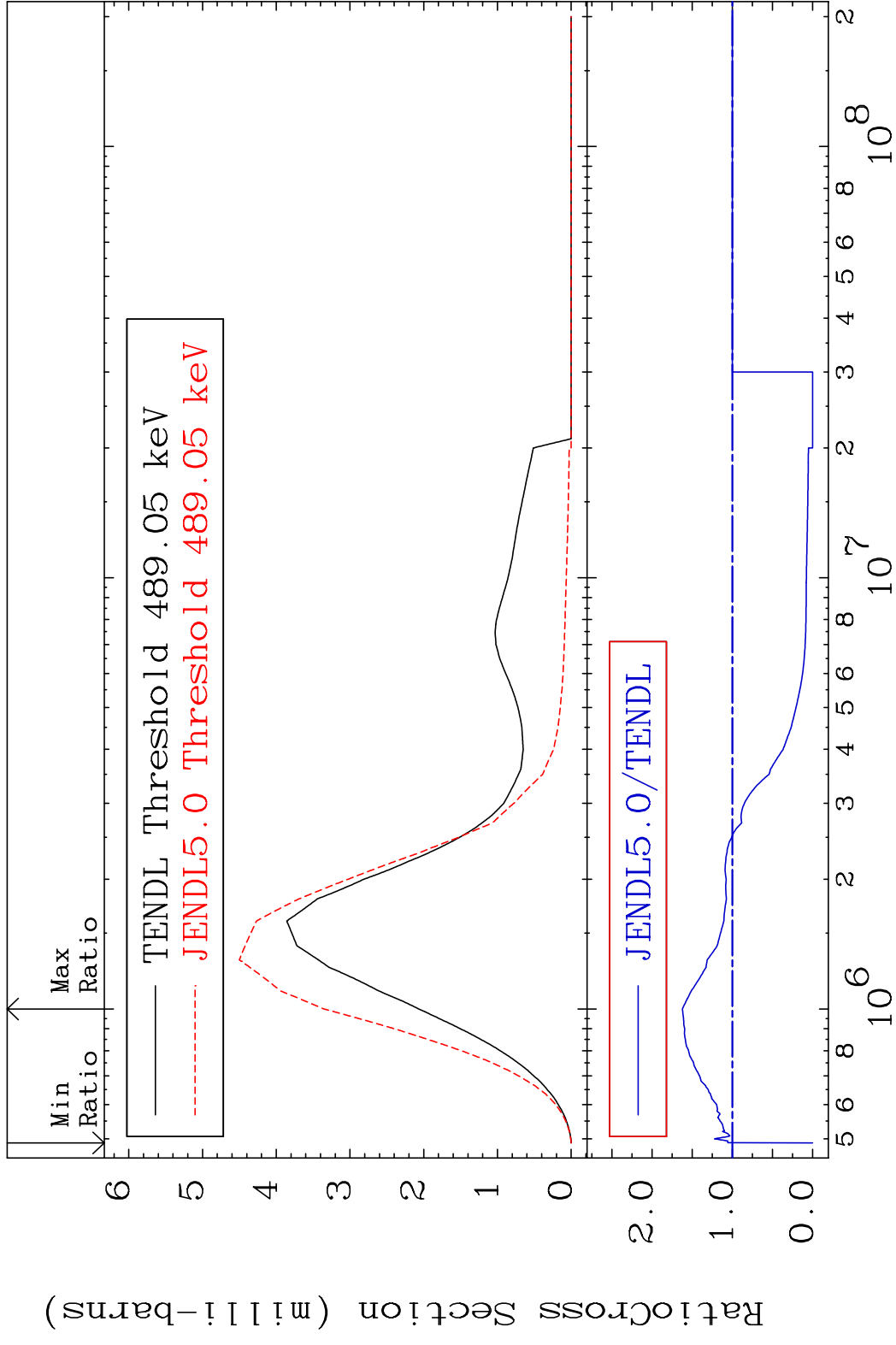
MAT 9437 MT= 63 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



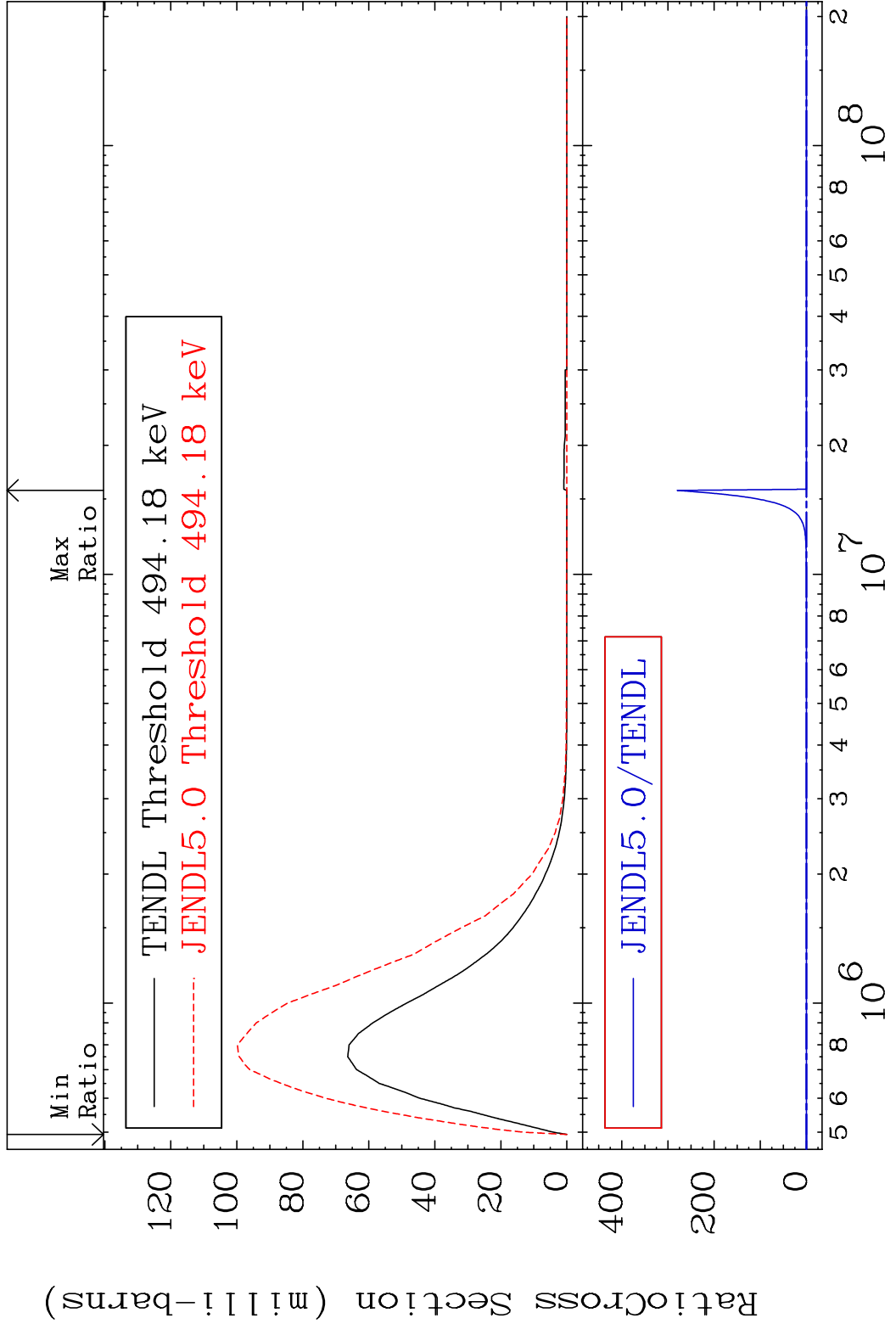
MAT 9437 MT= 64 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



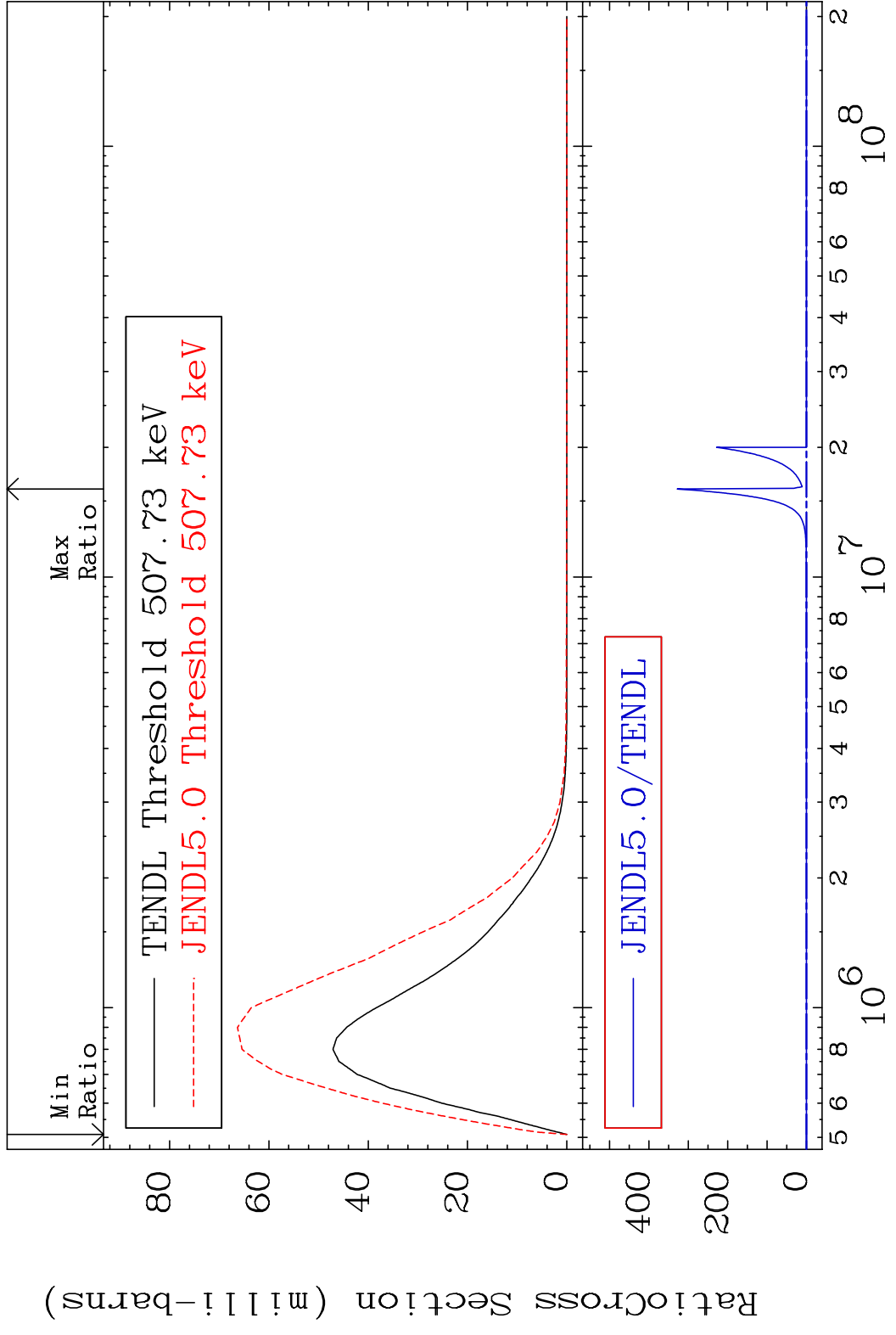
MAT 9437 MT= 65 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 62.26 %



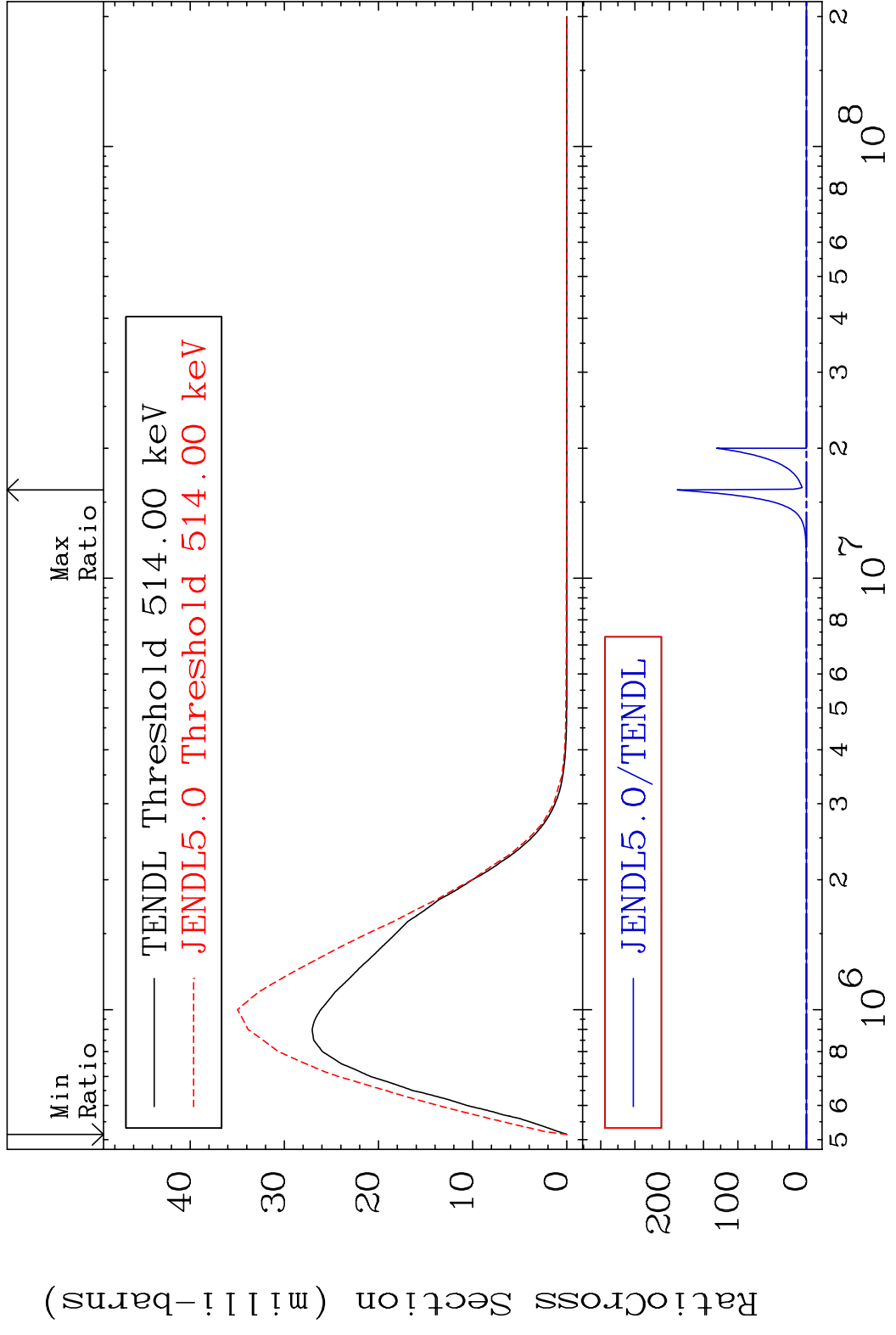
MAT 9437 MT= 66 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



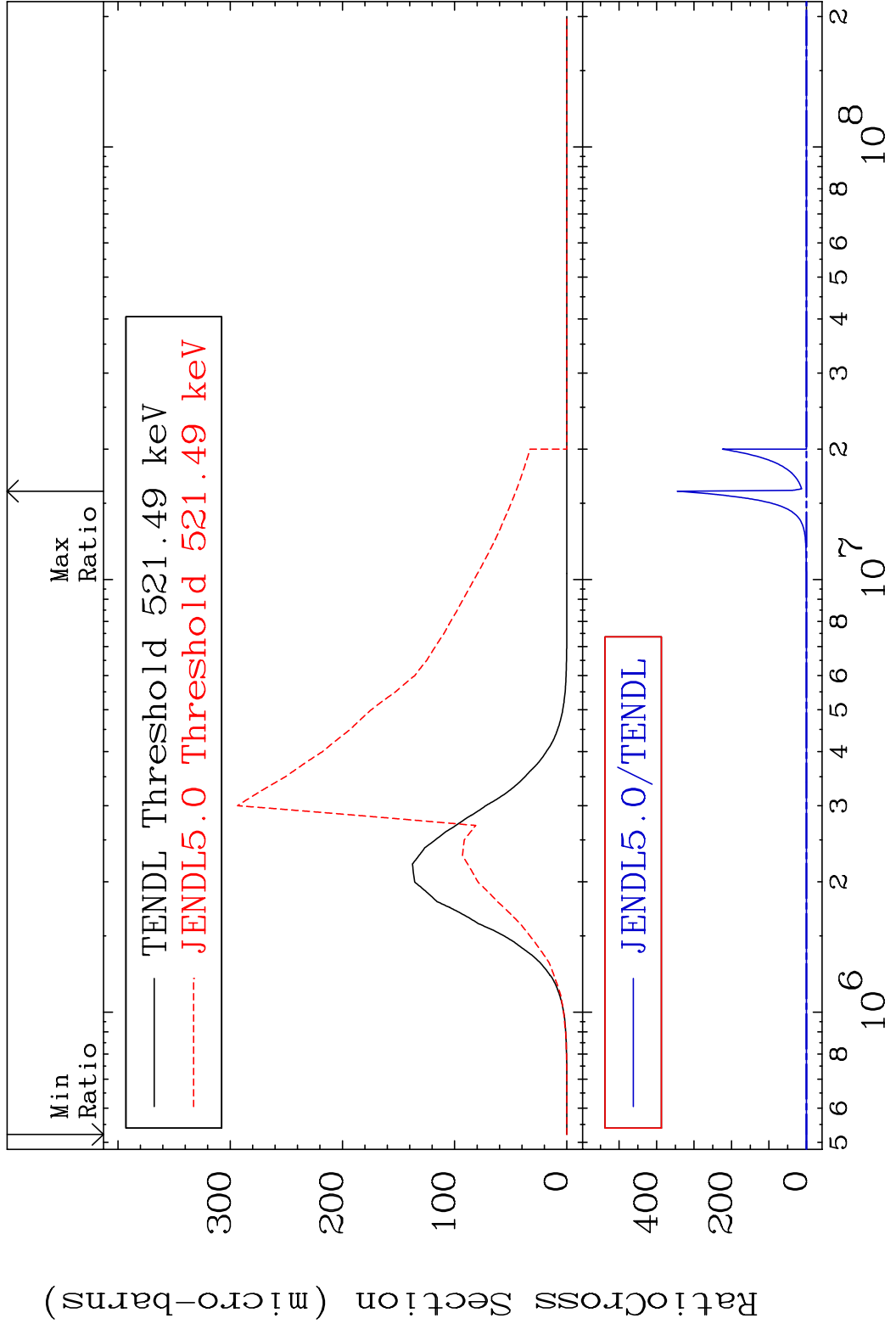
MAT 9437 MT= 67 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



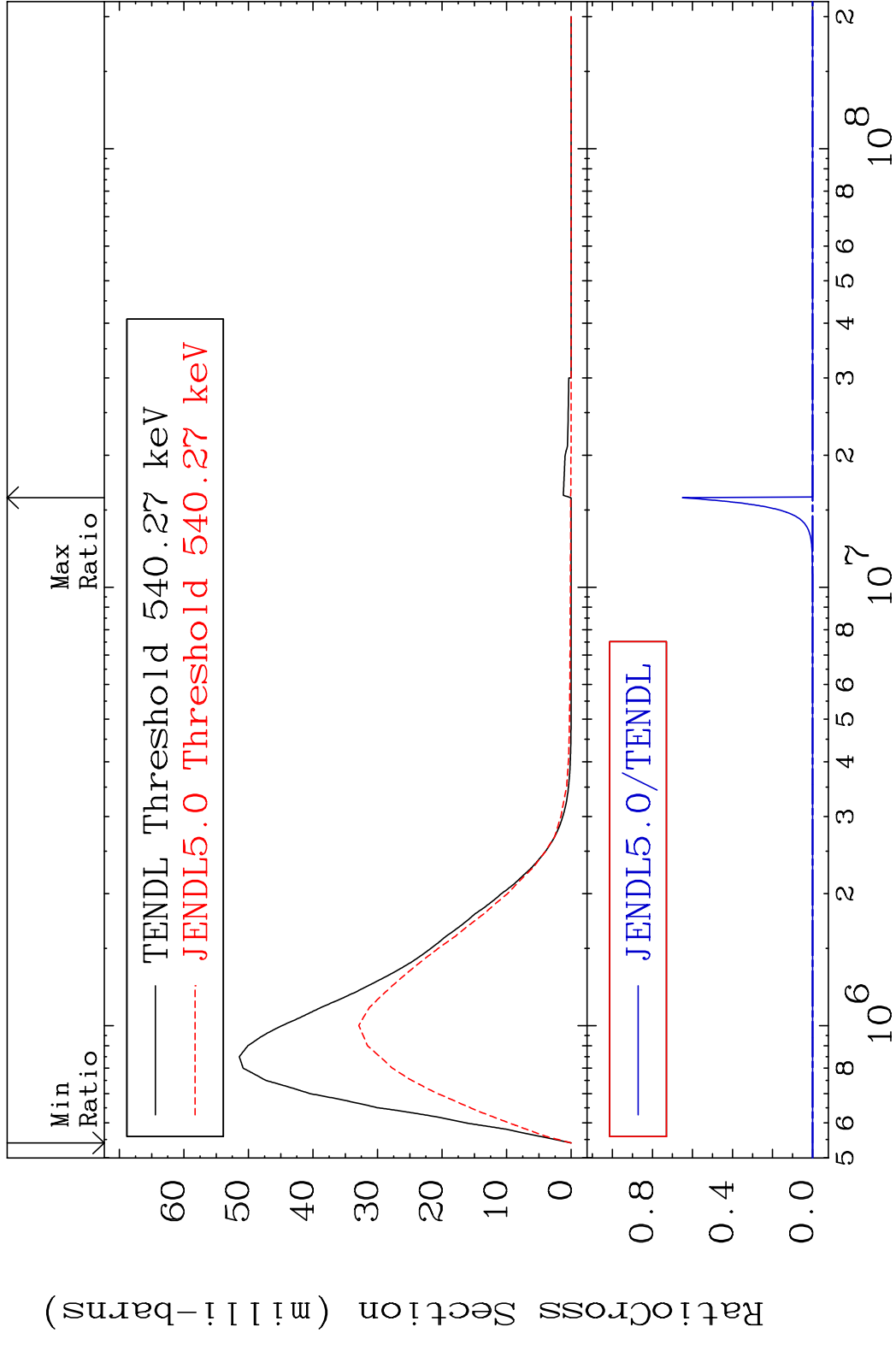
MAT 9437 MT= 68 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



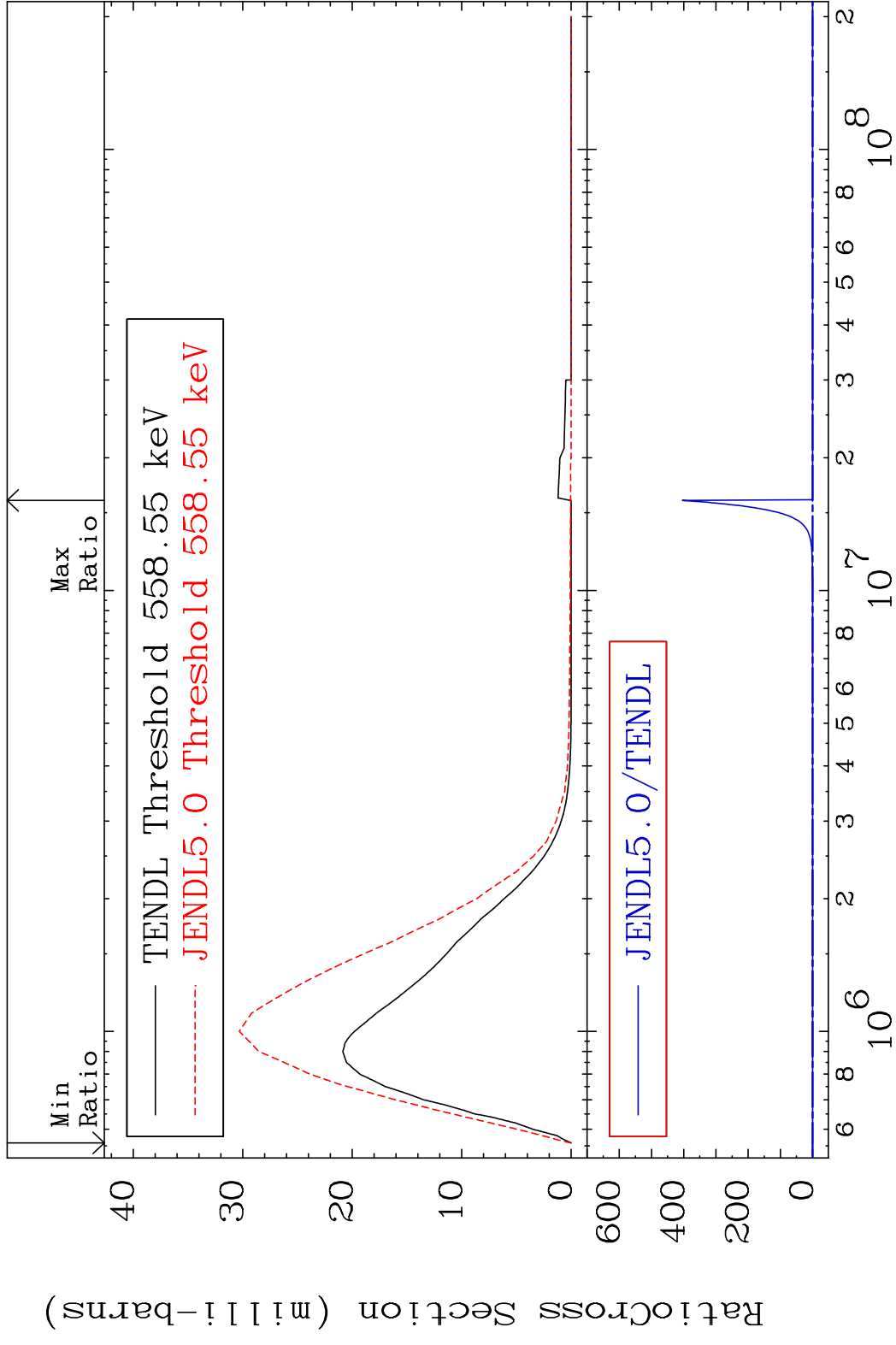
MAT 9437 MT= 69 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



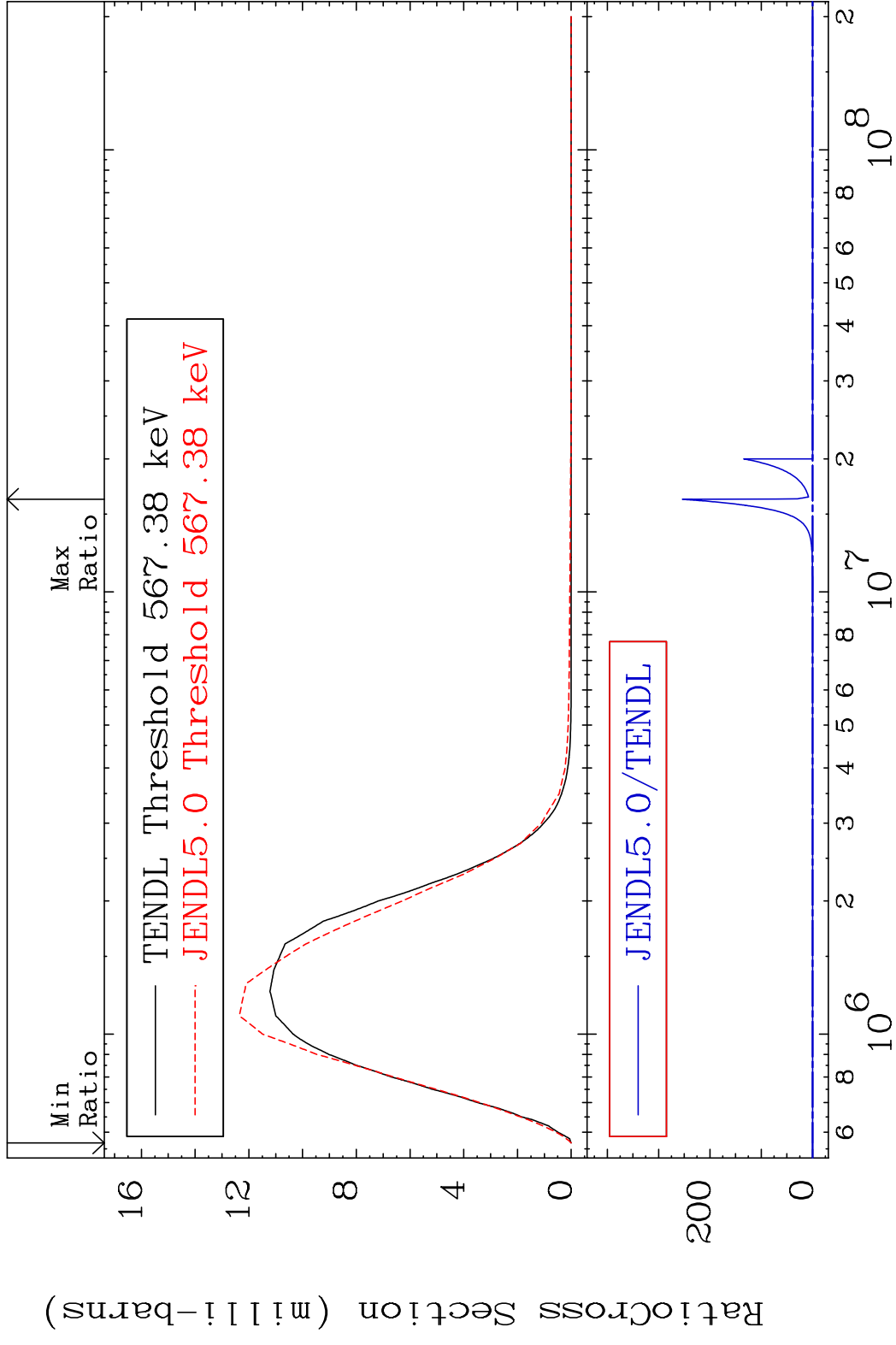
MAT 9437 MT= 70 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



MAT 9437 MT= 71 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %

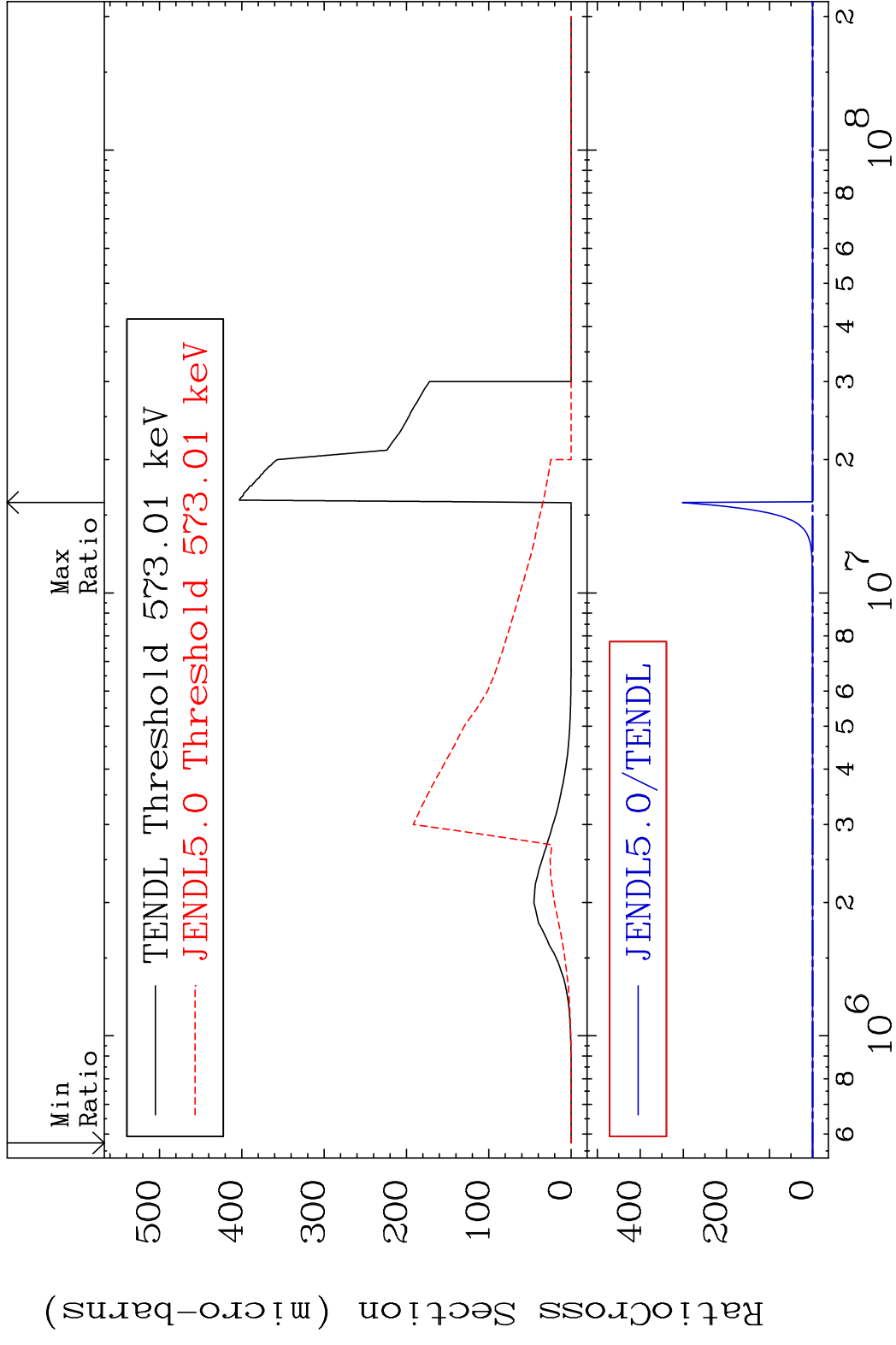


MAT 9437 MT= 72 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %

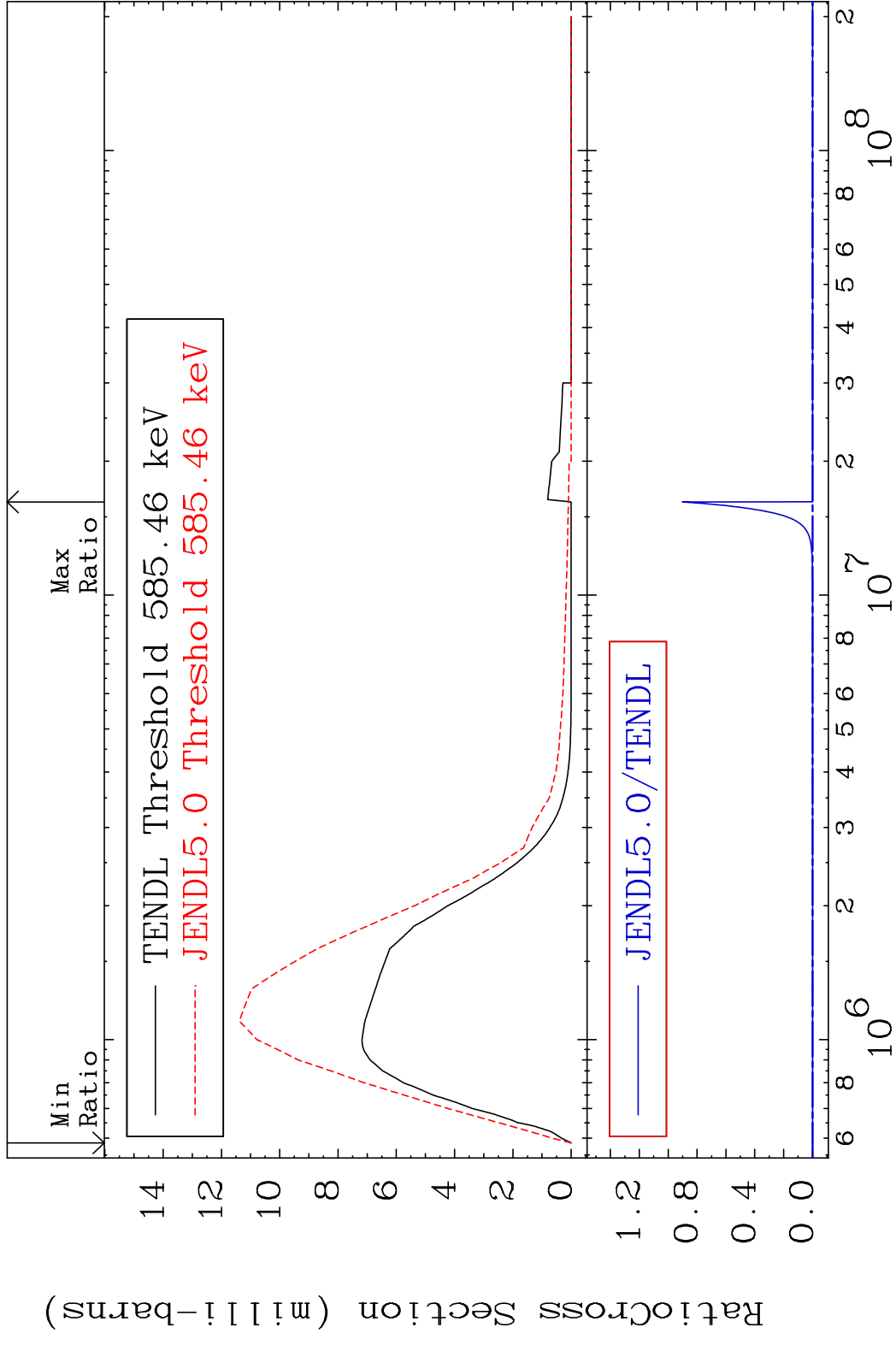


30 Incident Energy (eV) 94-Pu-239

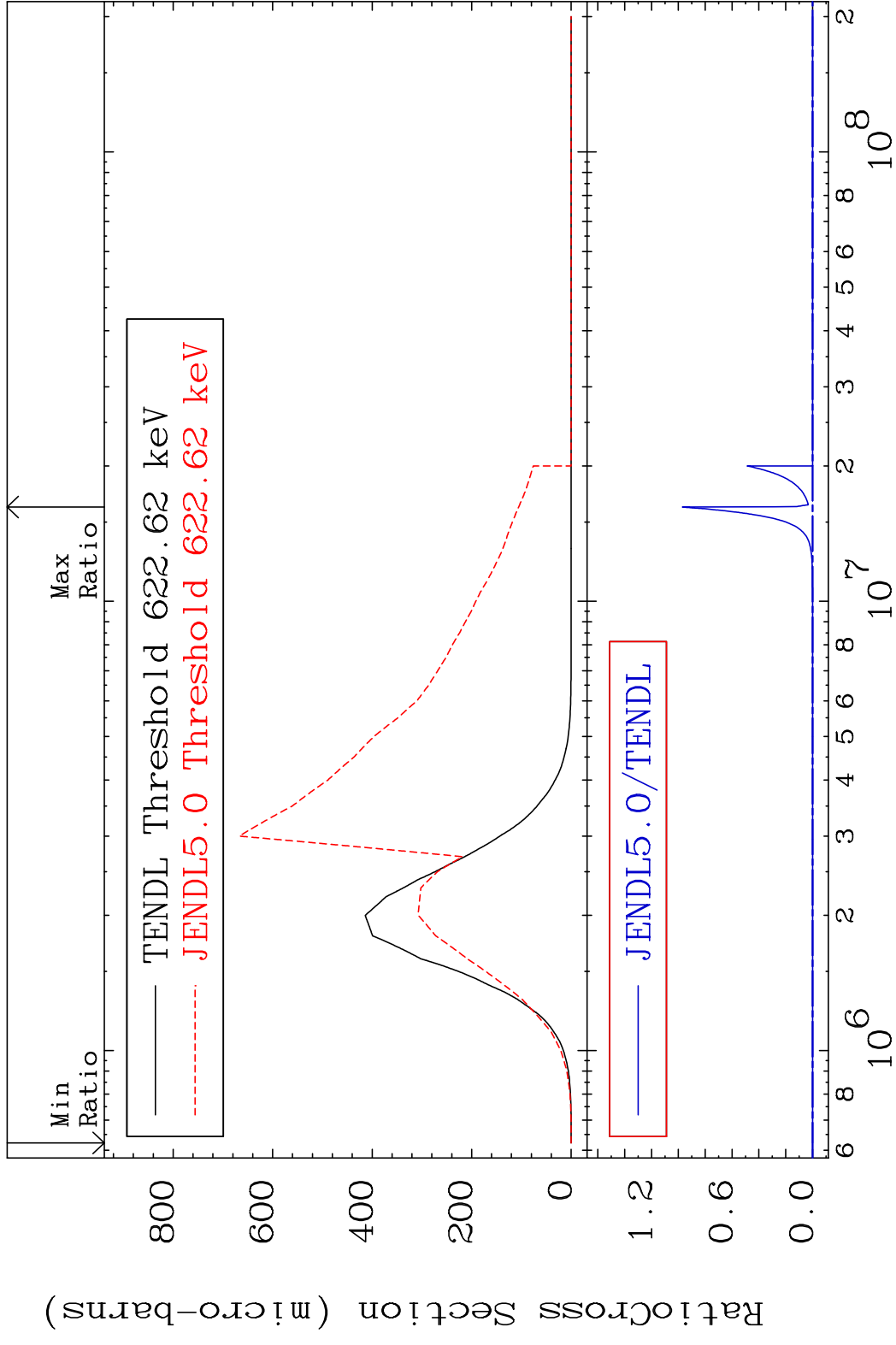
MAT 9437 MT= 73 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



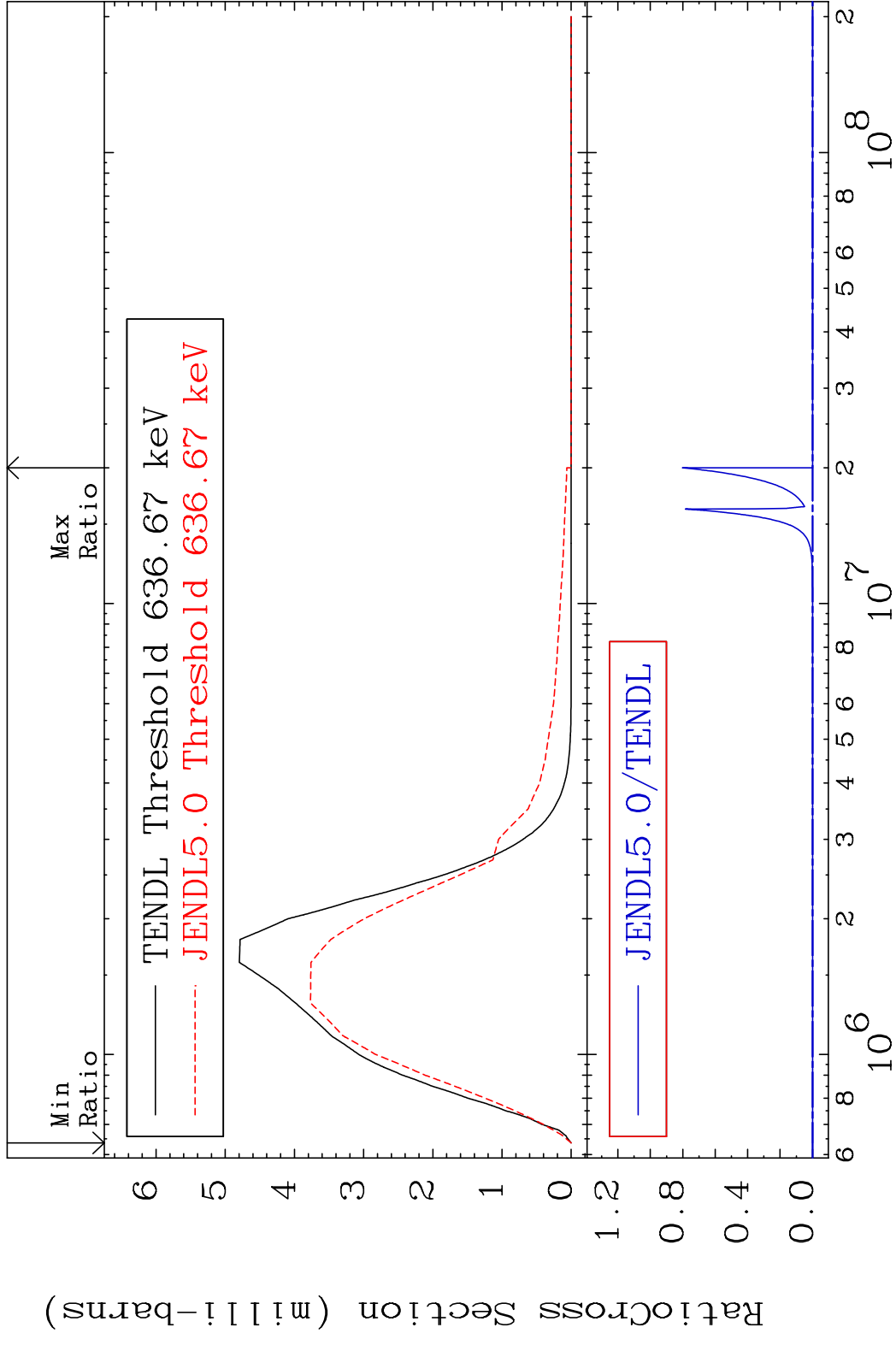
MAT 9437 MT= 74 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



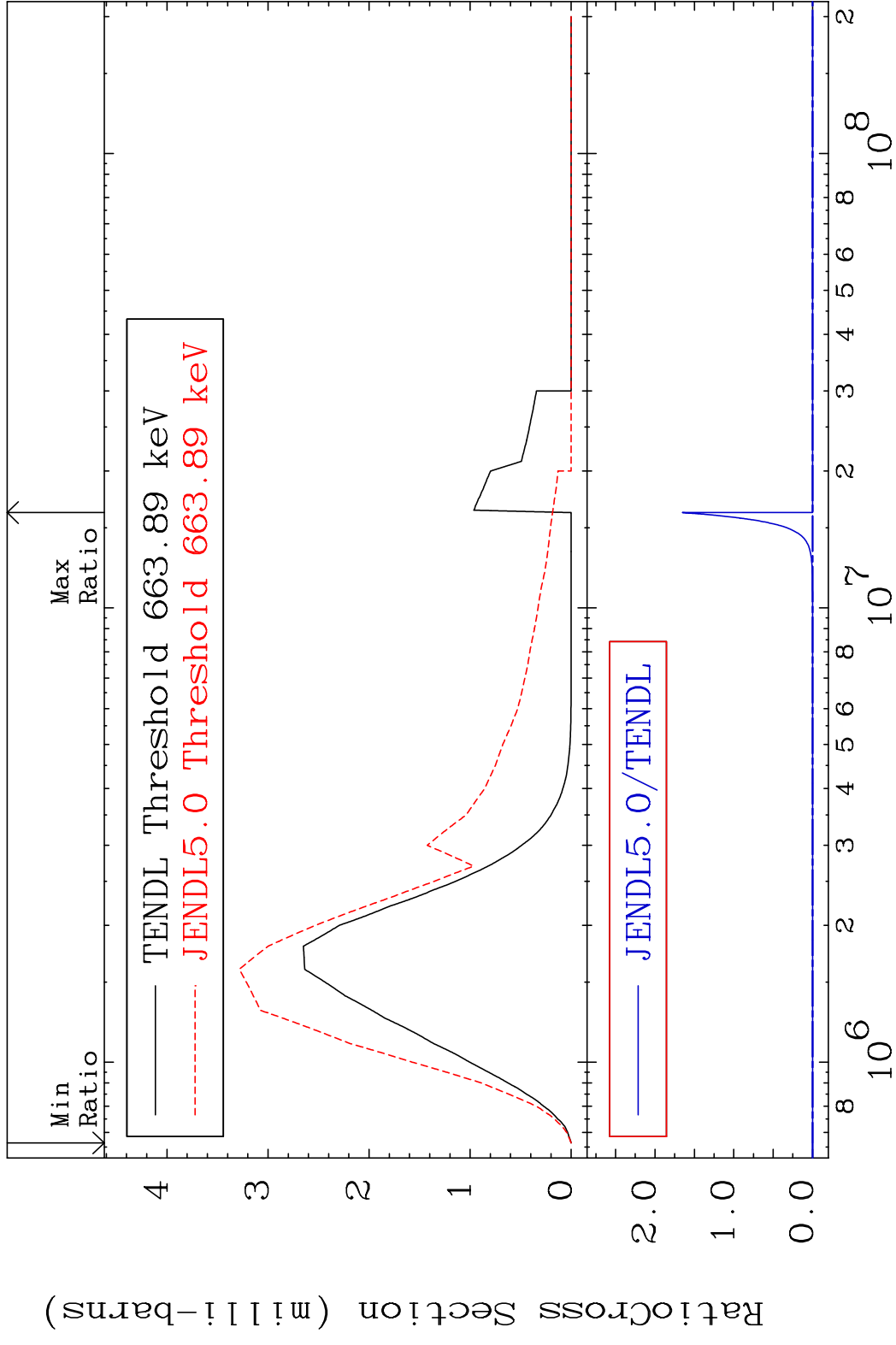
MAT 9437 MT= 75 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



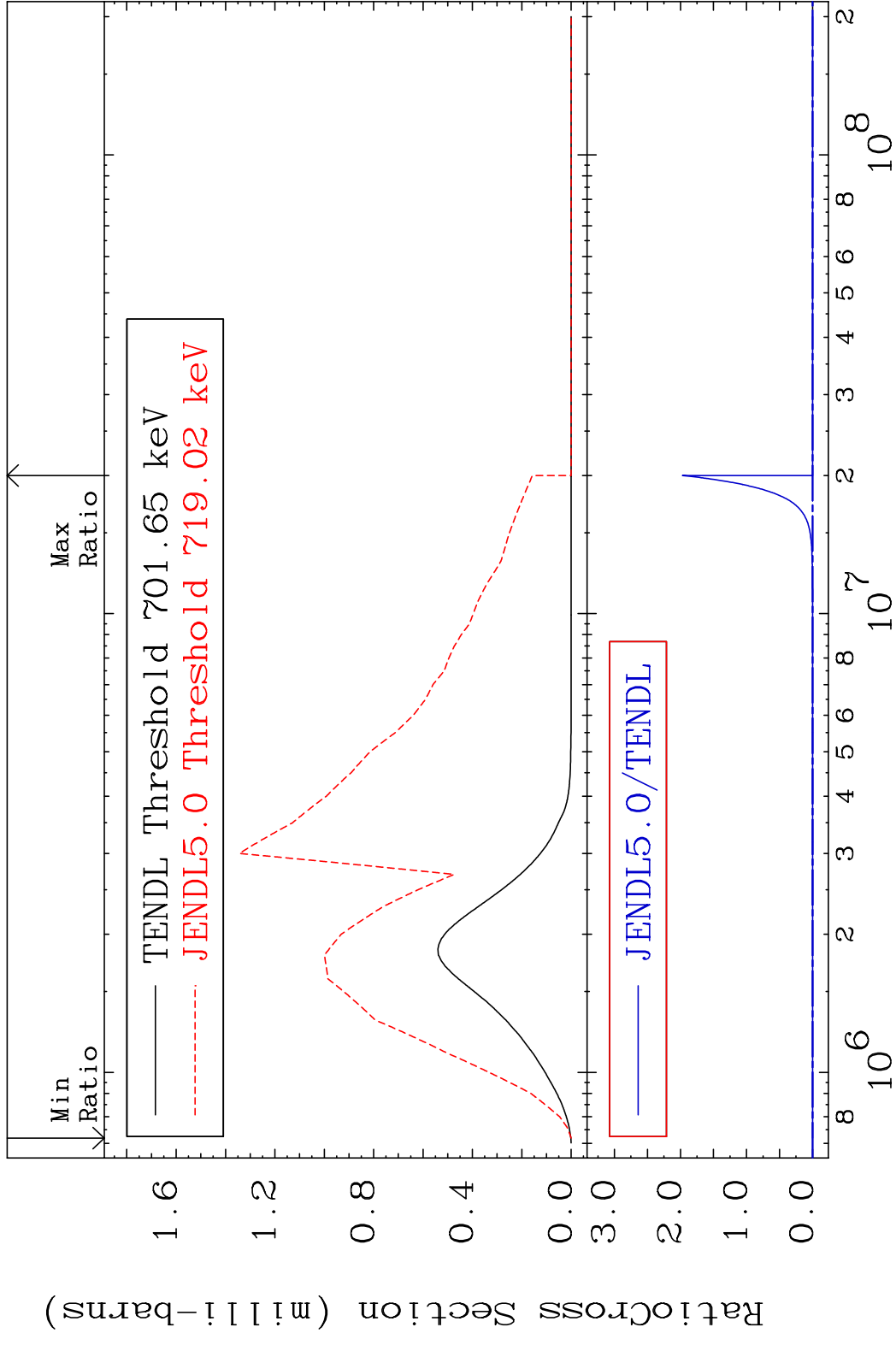
MAT 9437 MT= 76 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



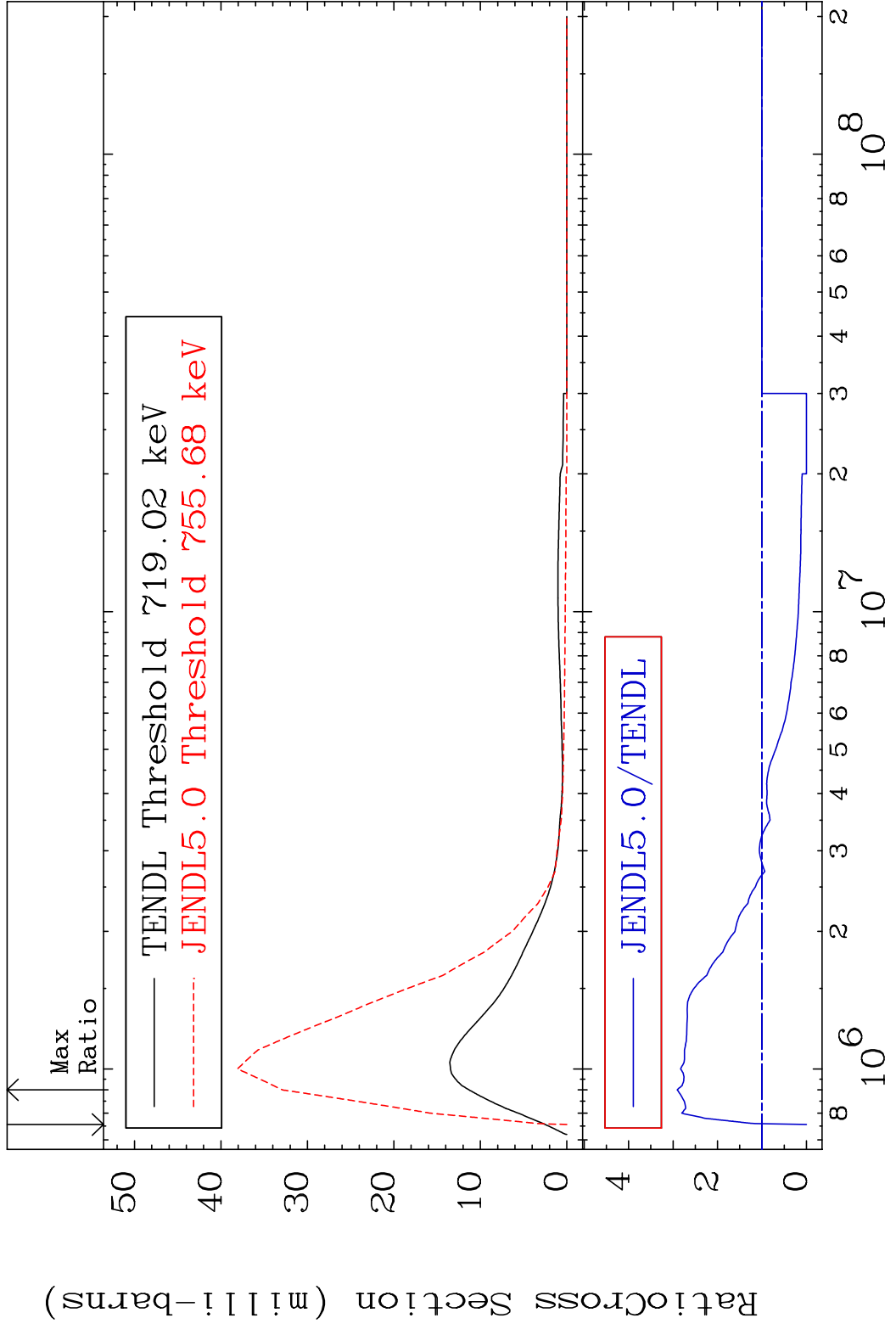
MAT 9437 MT= 77 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



MAT 9437 MT= 78 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 9999. %



MAT 9437 MT= 79 (n, n') Level 94-Pu-239
 Cross Section -100.0 To 190.7 %

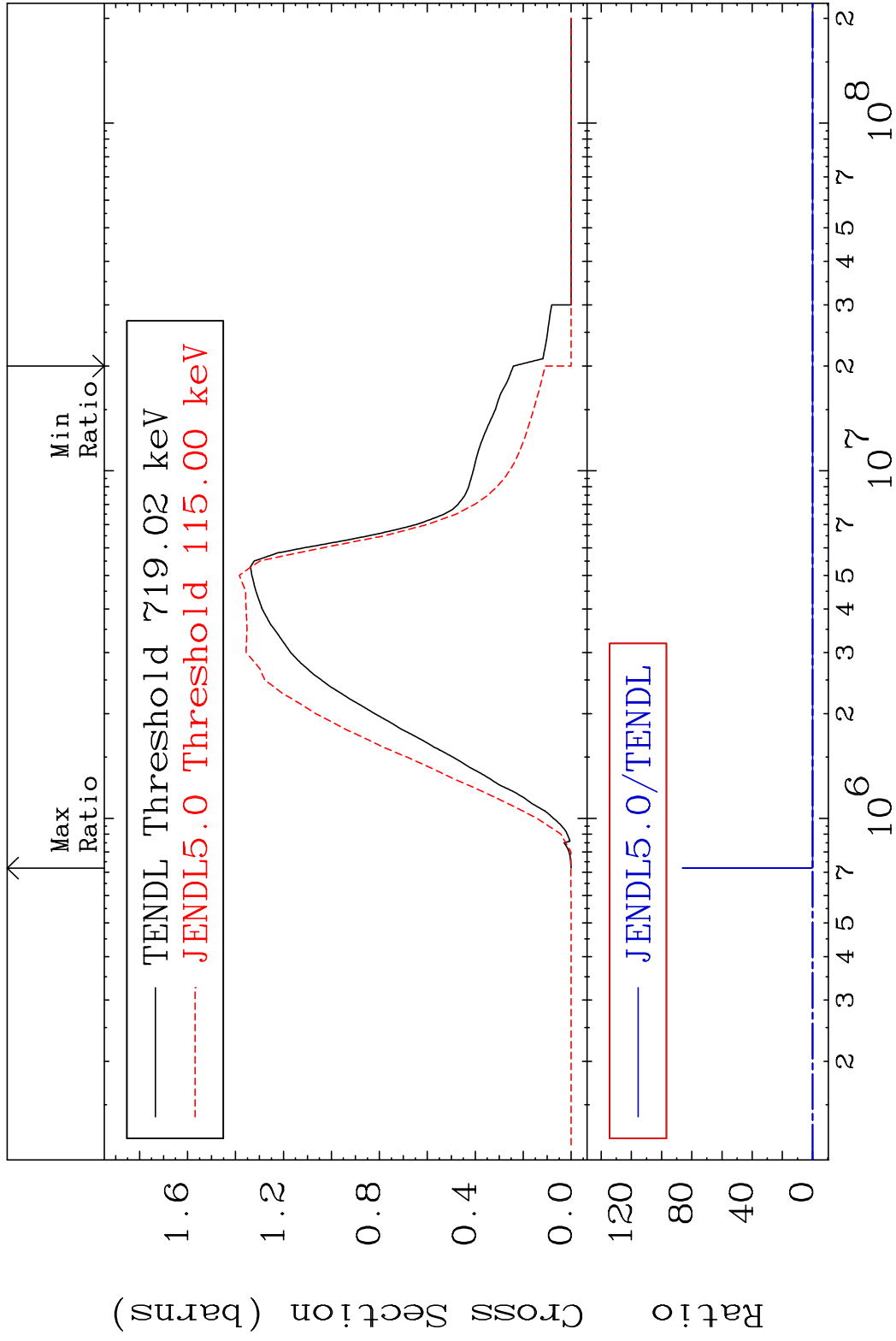


MAT 9437

(n, n') Continuum

94-Pu-239

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

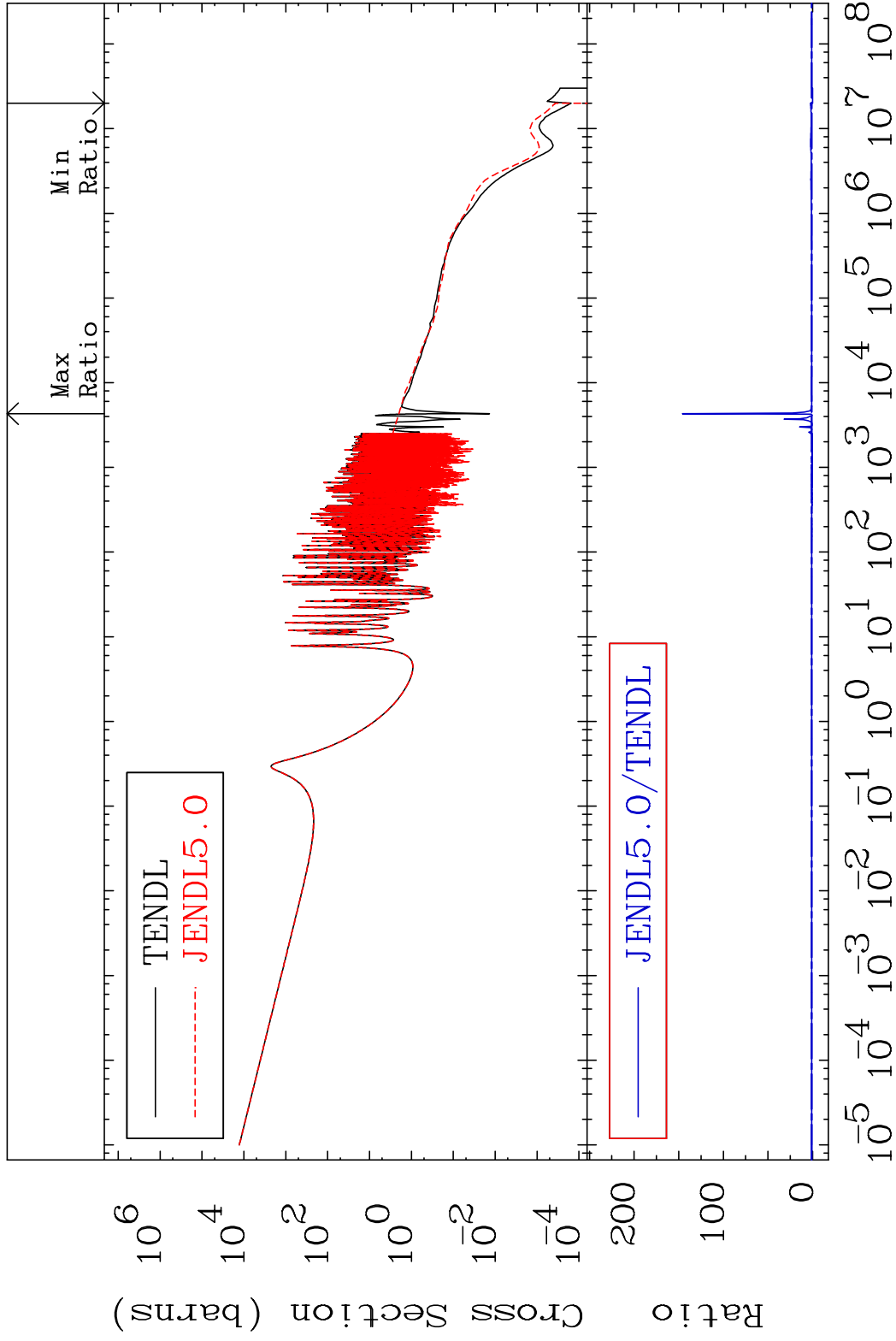
94-Pu-239

MAT 9437

(n, γ)

94-Pu-239

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

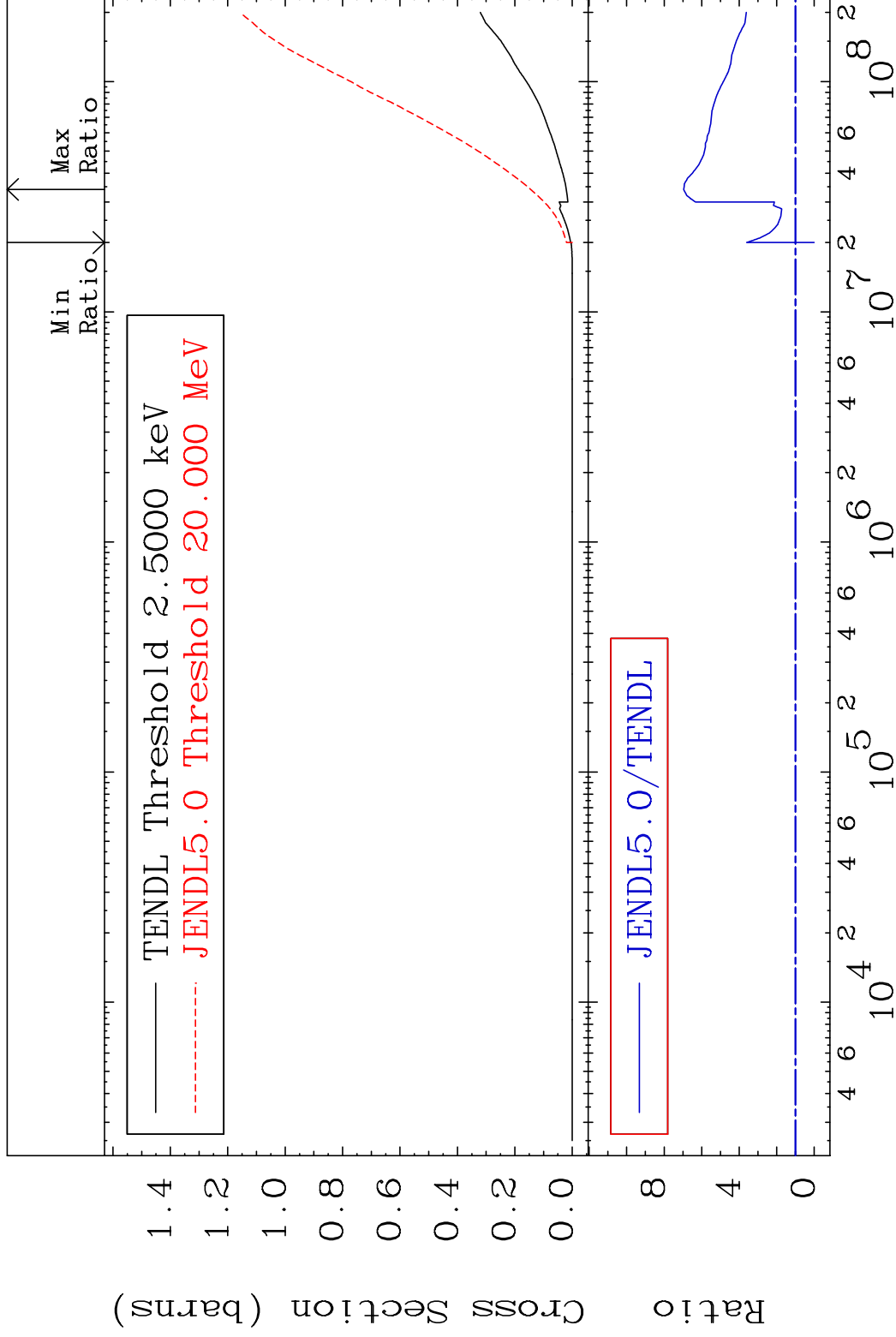
94-Pu-239

MAT 9437

Hydrogen Production

94-Pu-239

Cross Section -100.0 To 596.0 %



40

Incident Energy (eV)

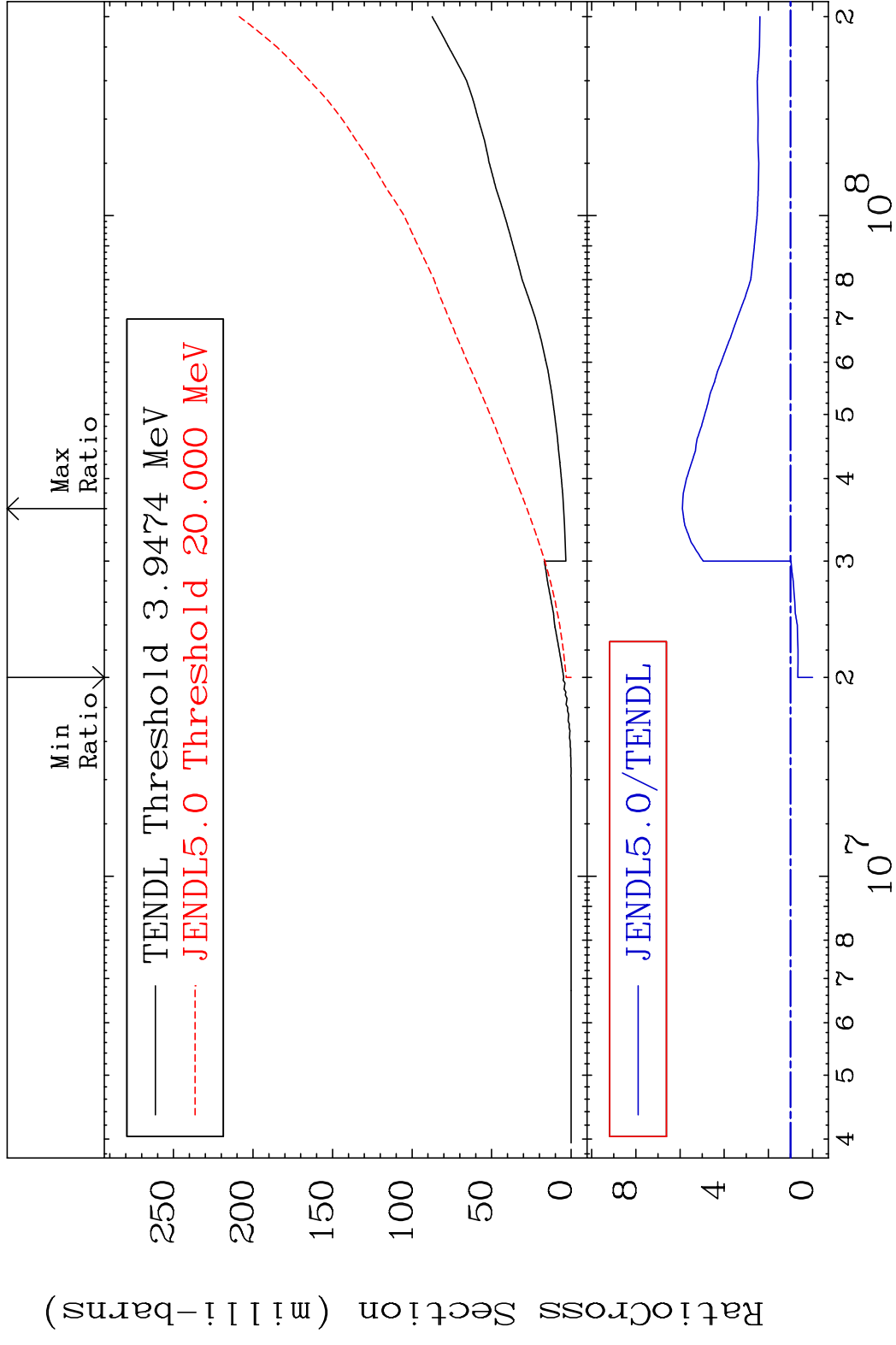
94-Pu-239

MAT 9437

Deuterium Production

94-Pu-239

Cross Section -100.0 To 489.5 %

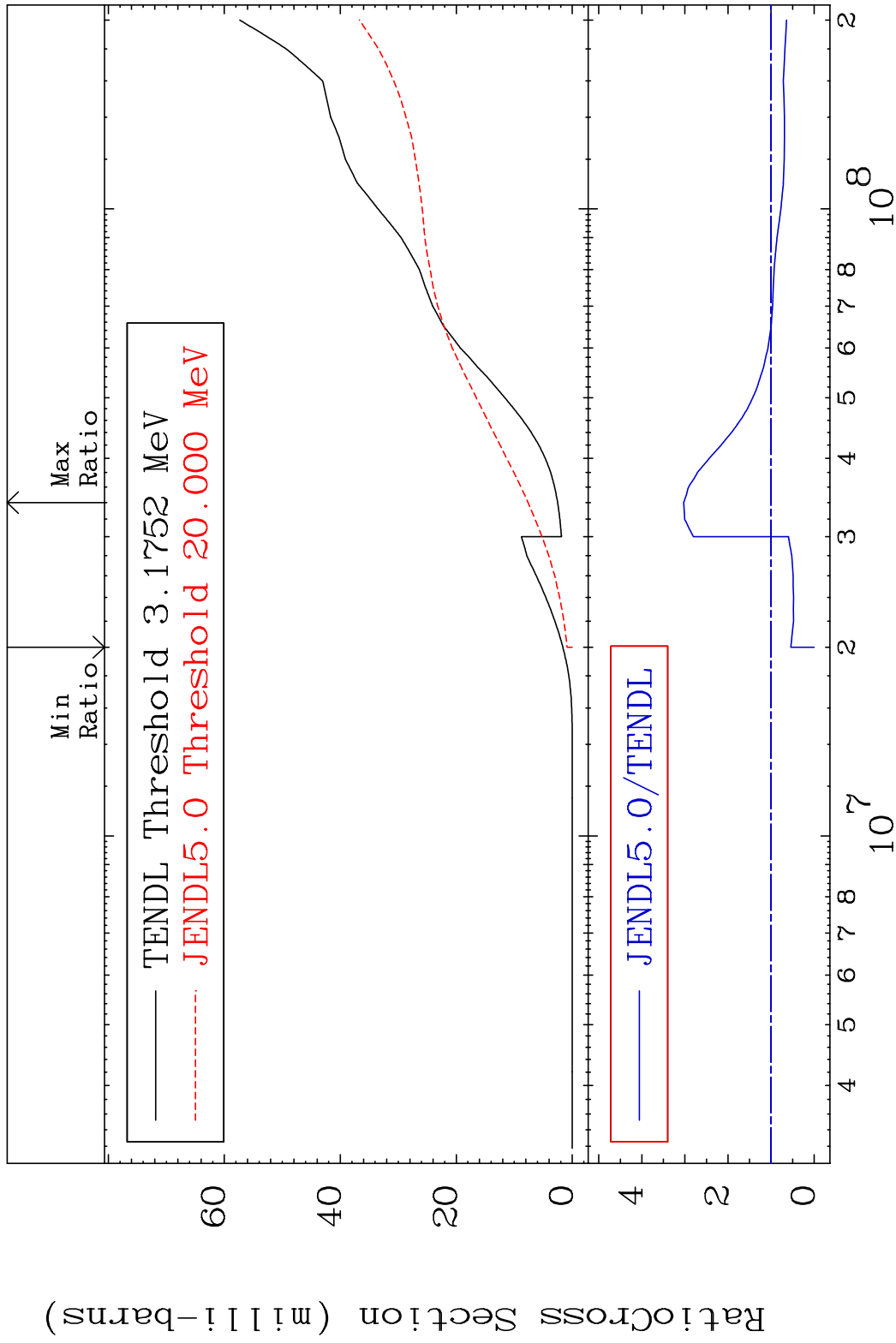


MAT 9437

Tritium Production

94-Pu-239

Cross Section -100.0 To 202.9 %



42

Incident Energy (eV)

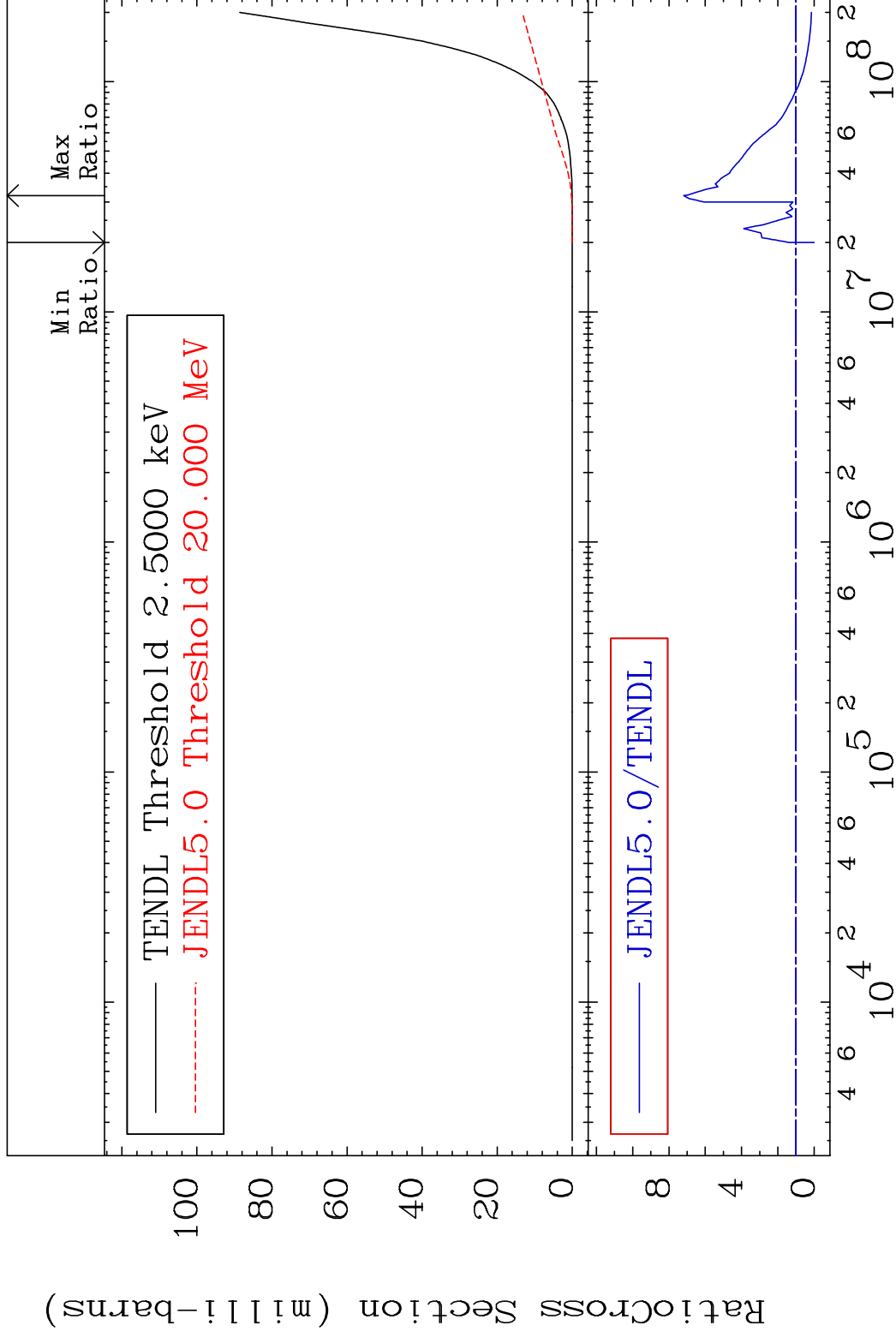
94-Pu-239

MAT 9437

He-3 Production

94-Pu-239

Cross Section -100.0 To 619.0 %



43

Incident Energy (eV)

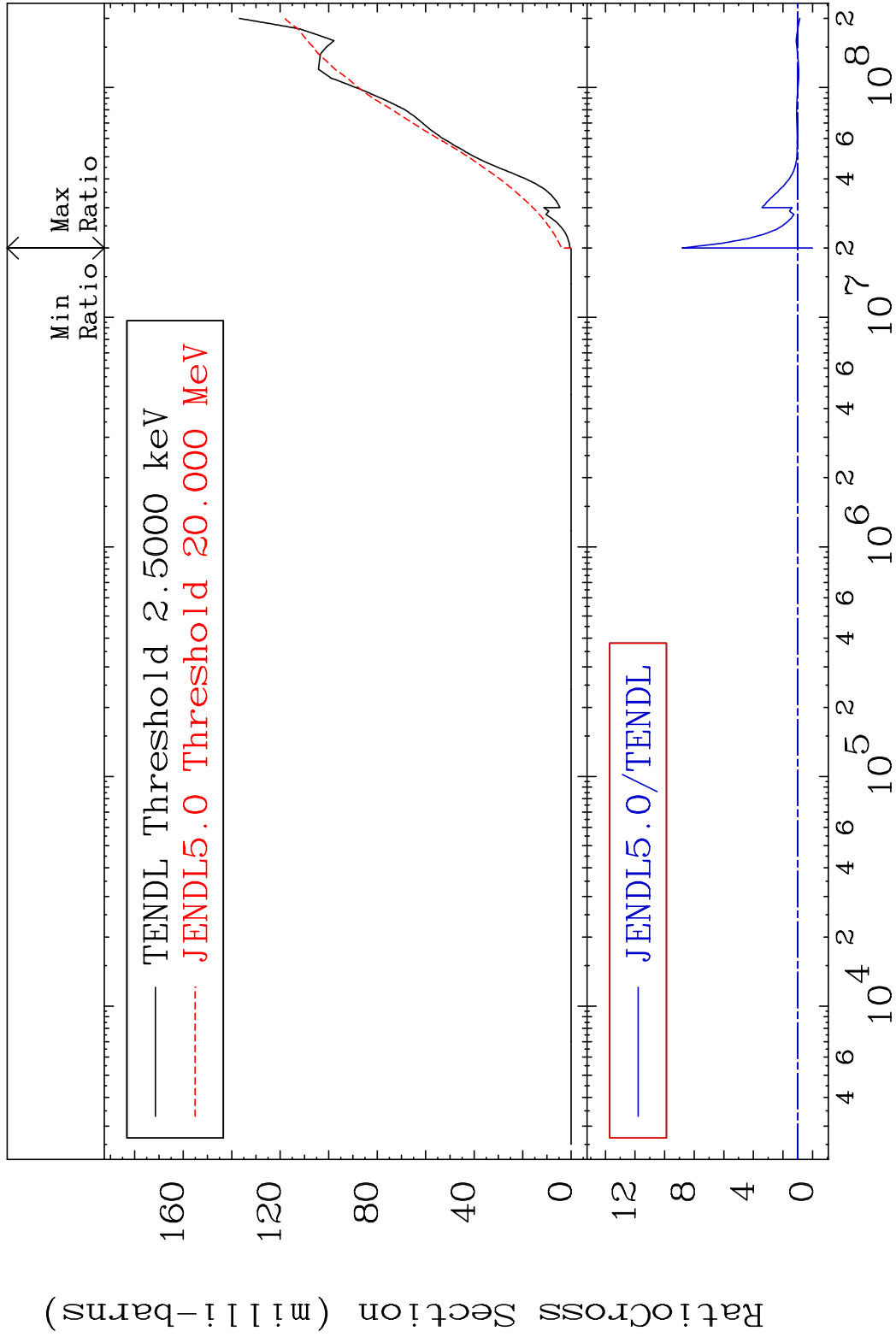
94-Pu-239

MAT 9437

He-4 Production

94-Pu-239

Cross Section -100.0 To 780.1 %



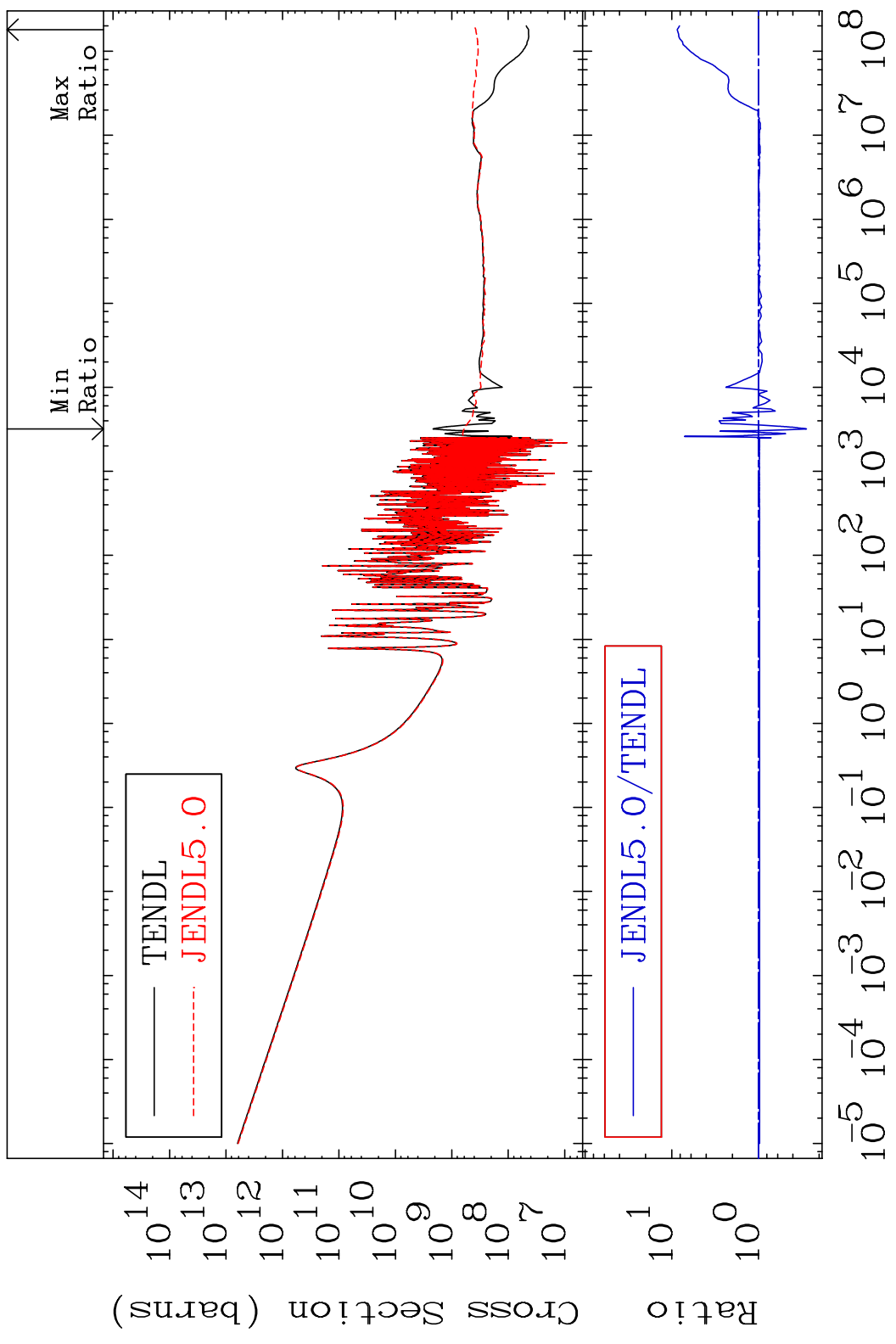
44

Incident Energy (eV)

94-Pu-239

MAT 9437

Kerma total (eV-barns) 94-Pu-239
Cross Section -71.99 To 765.4 %



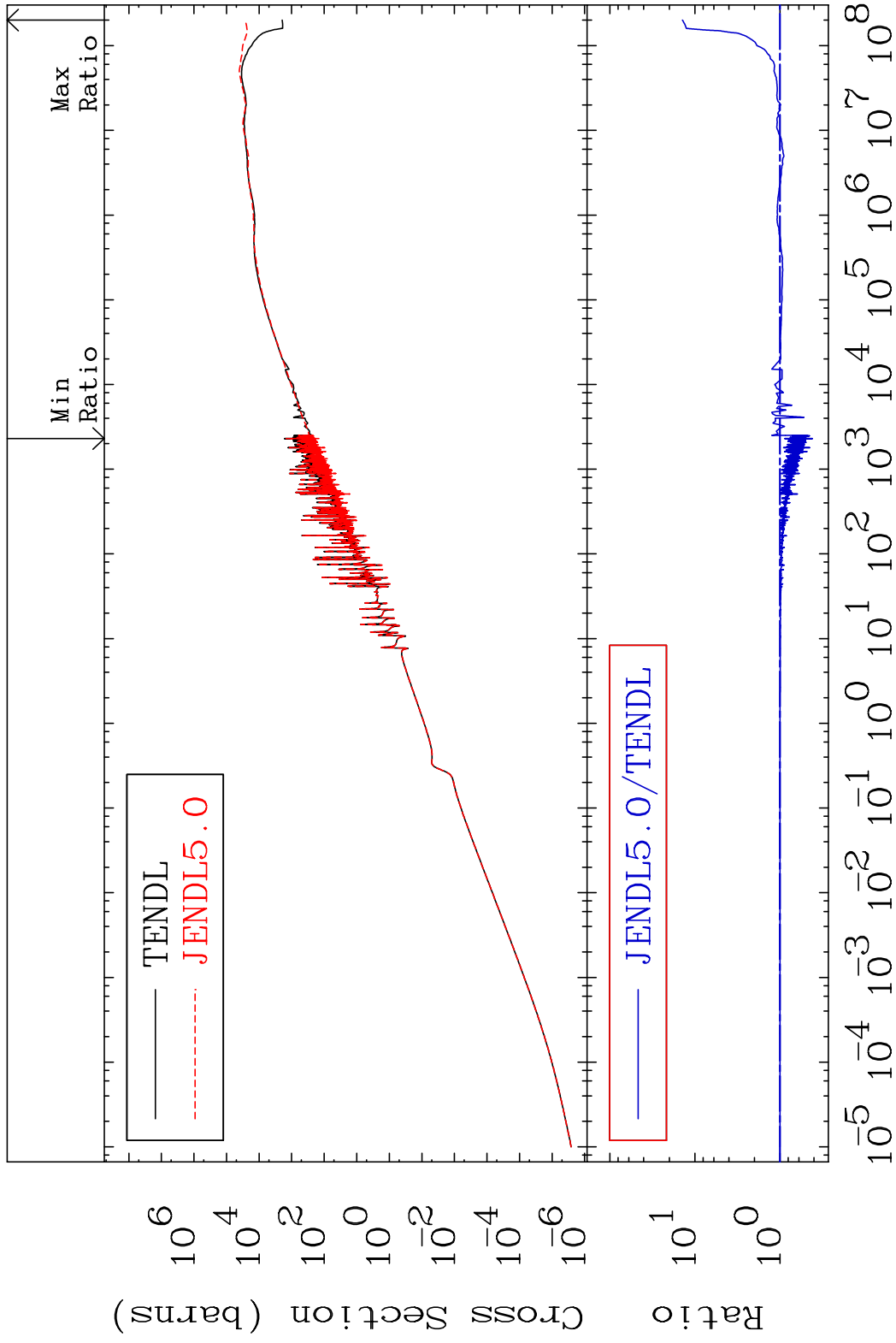
MAT 9437

Kerma elastic

94-Pu-239

Cross Section

-58.47 To 1305. %

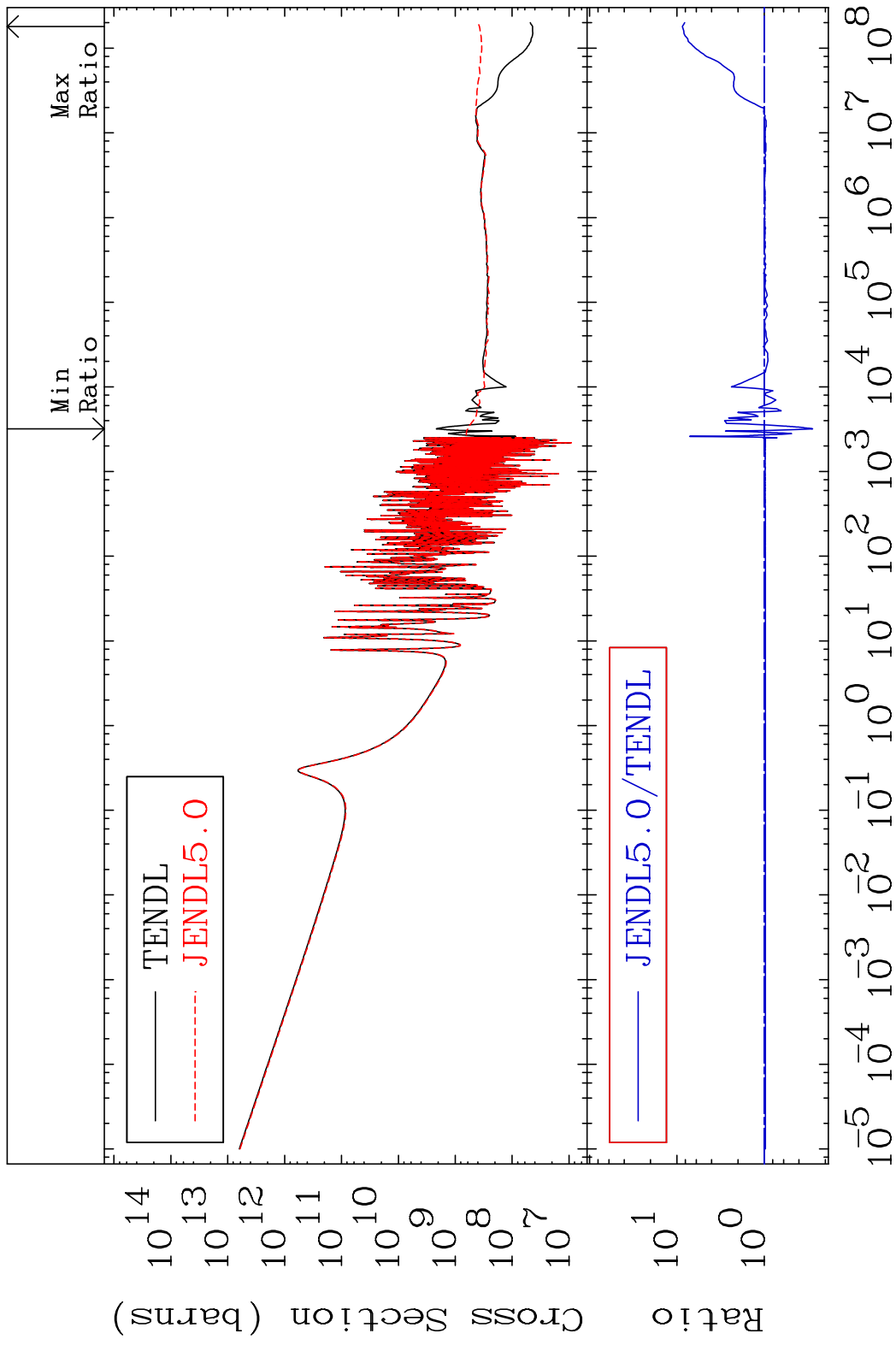


46

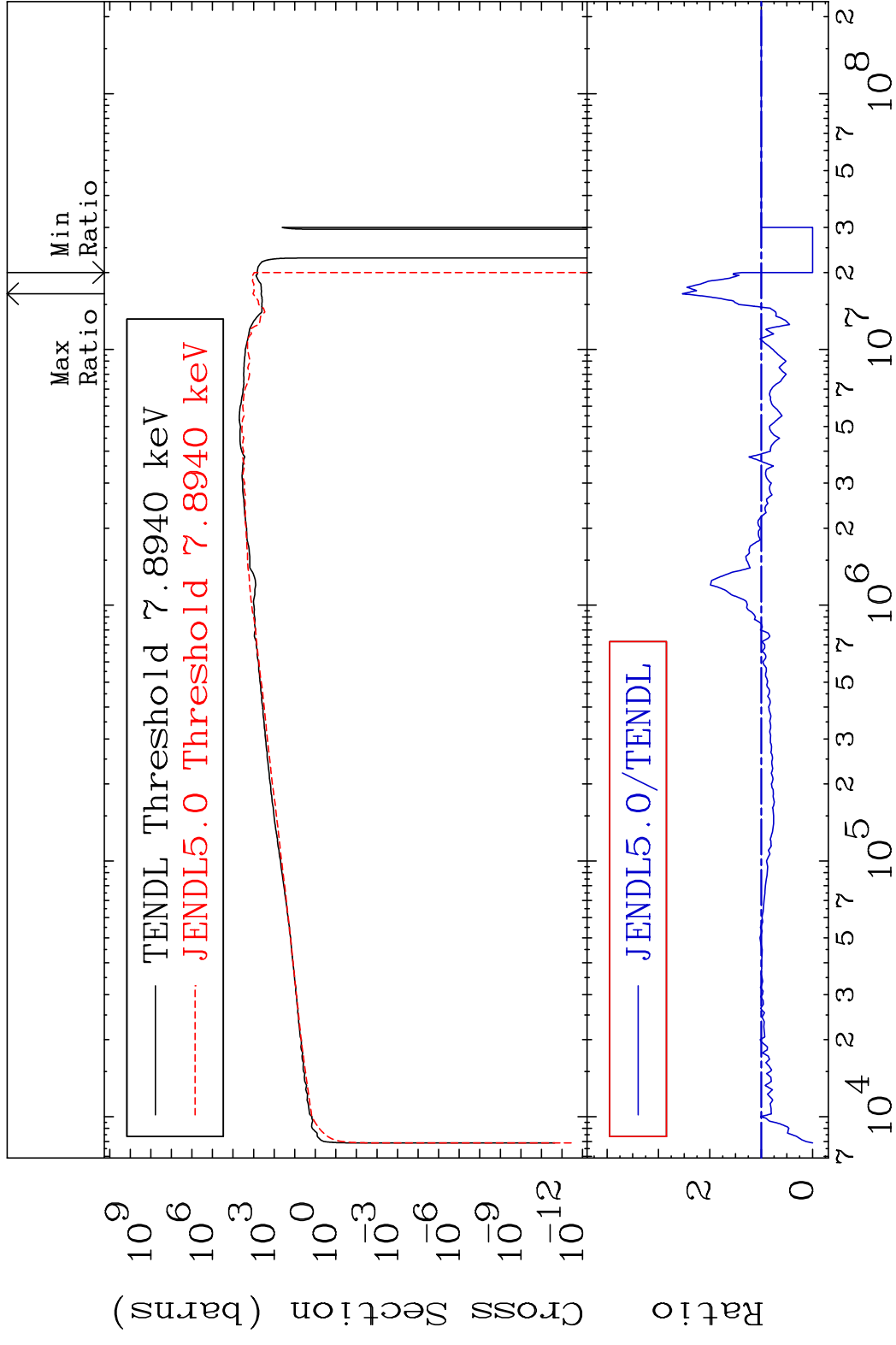
Incident Energy (eV)

94-Pu-239

MAT 9437 Kerma non-elastic (all but mt2) 94-Pu-239
 Cross Section -71.99 To 765.3 %

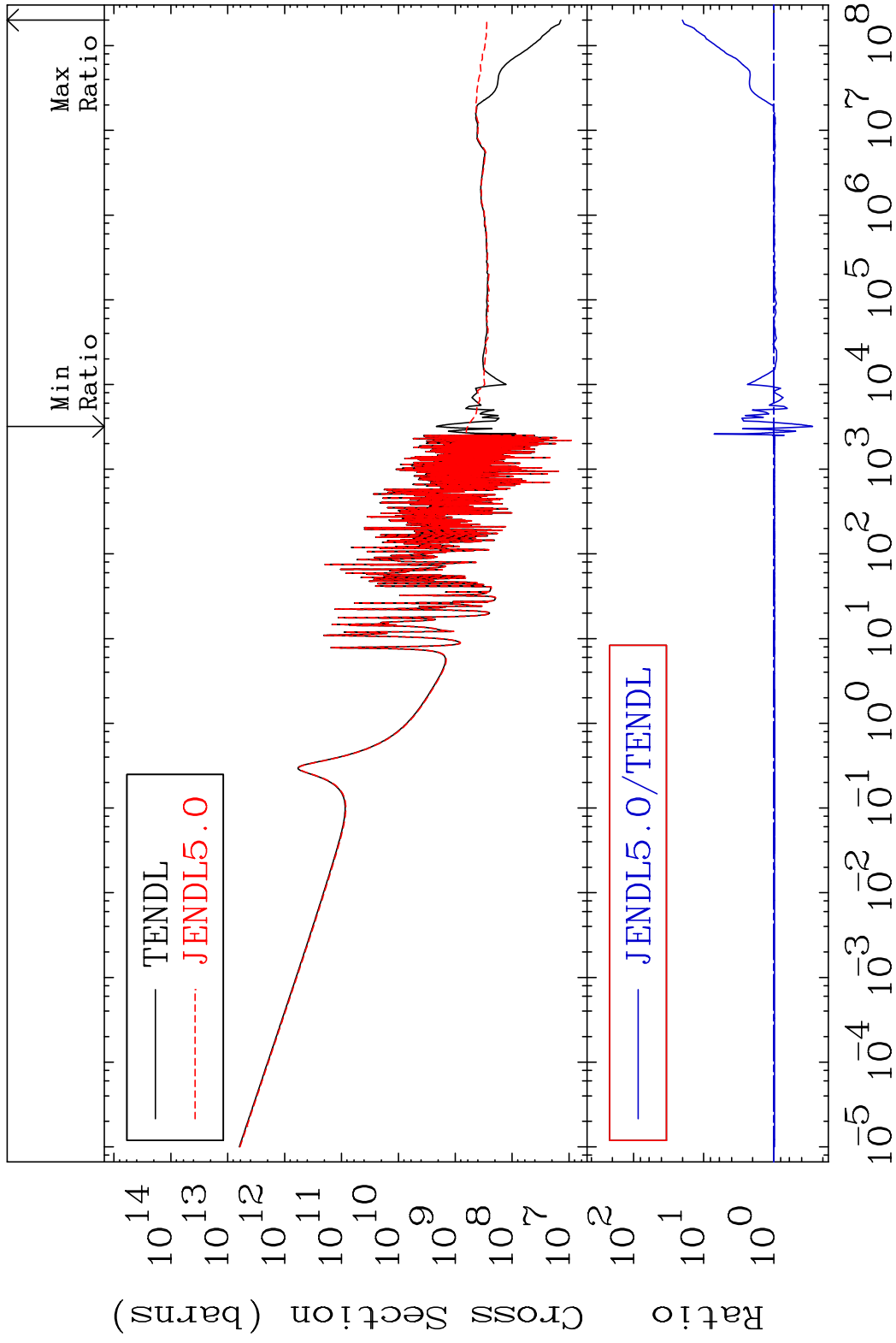


MAT 9437 Kerma inelastic (mt51-91) 94-Pu-239
 Cross Section -100.0 To 153.5 %



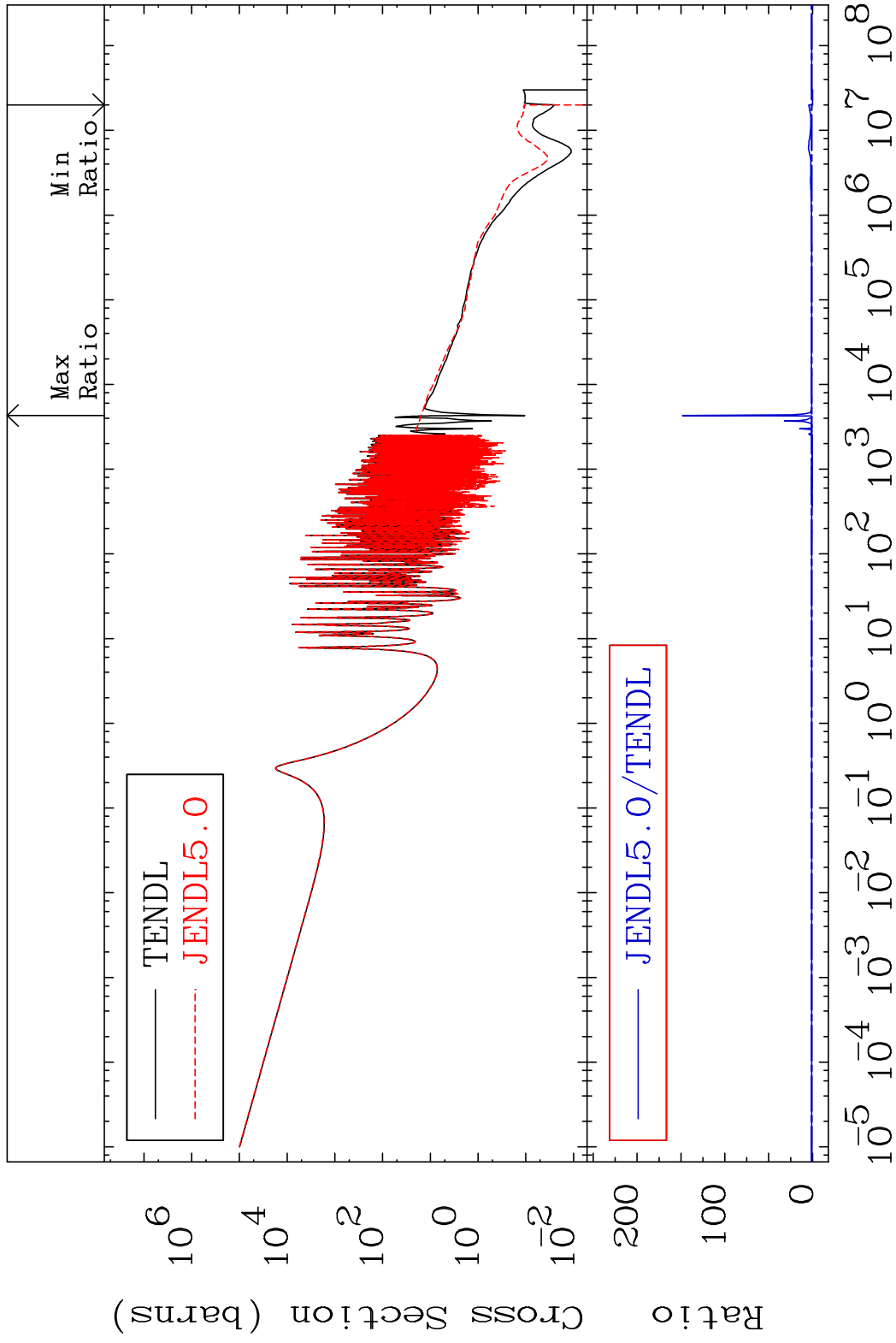
48 Incident Energy (eV) 94-Pu-239

MAT 9437 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-239
 Cross Section -71.99 To 1913. %



MAT 9437

Kerma capture (mt102) 94-Pu-239
Cross Section -100.0 To 9999. %

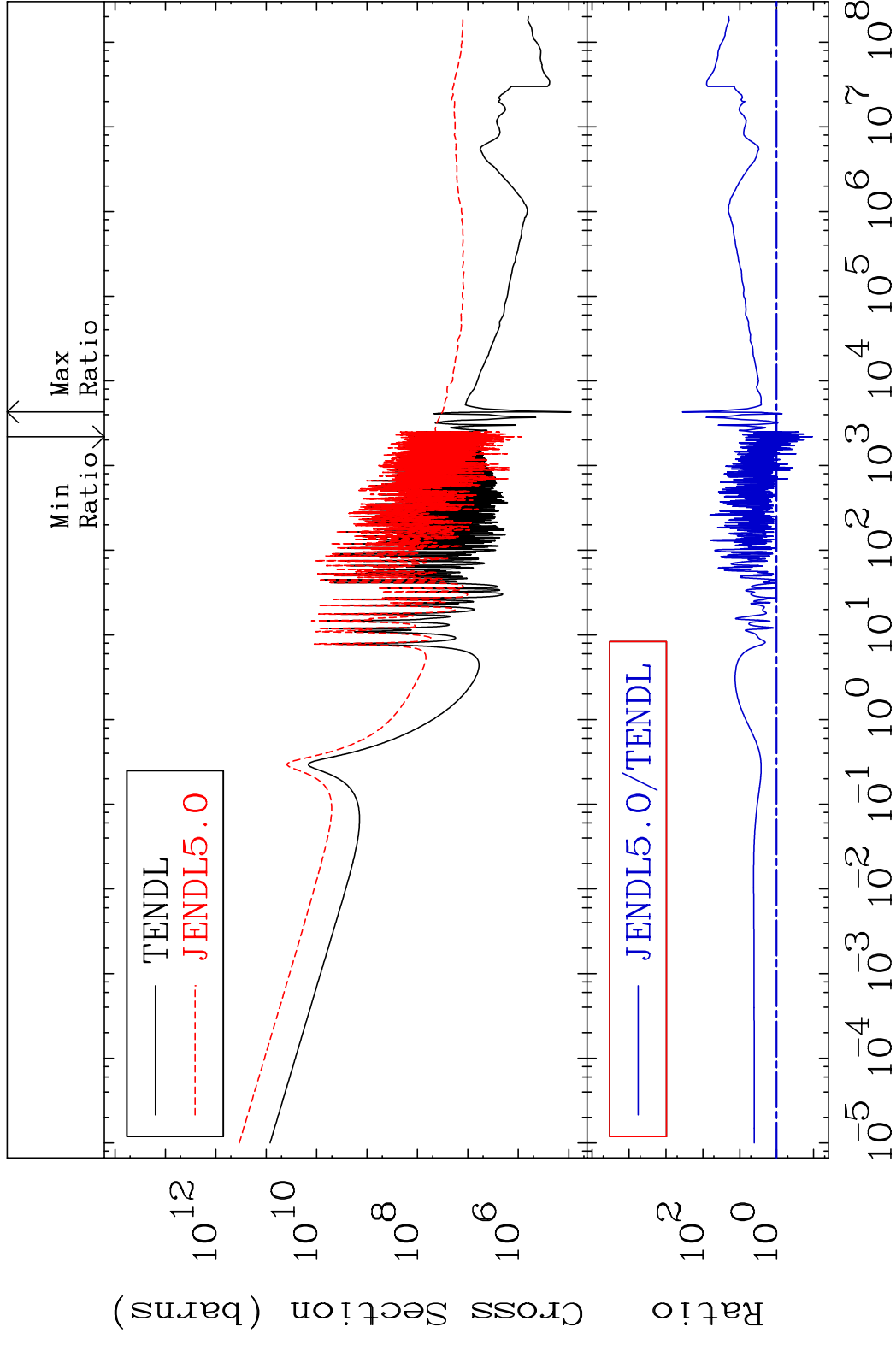


50

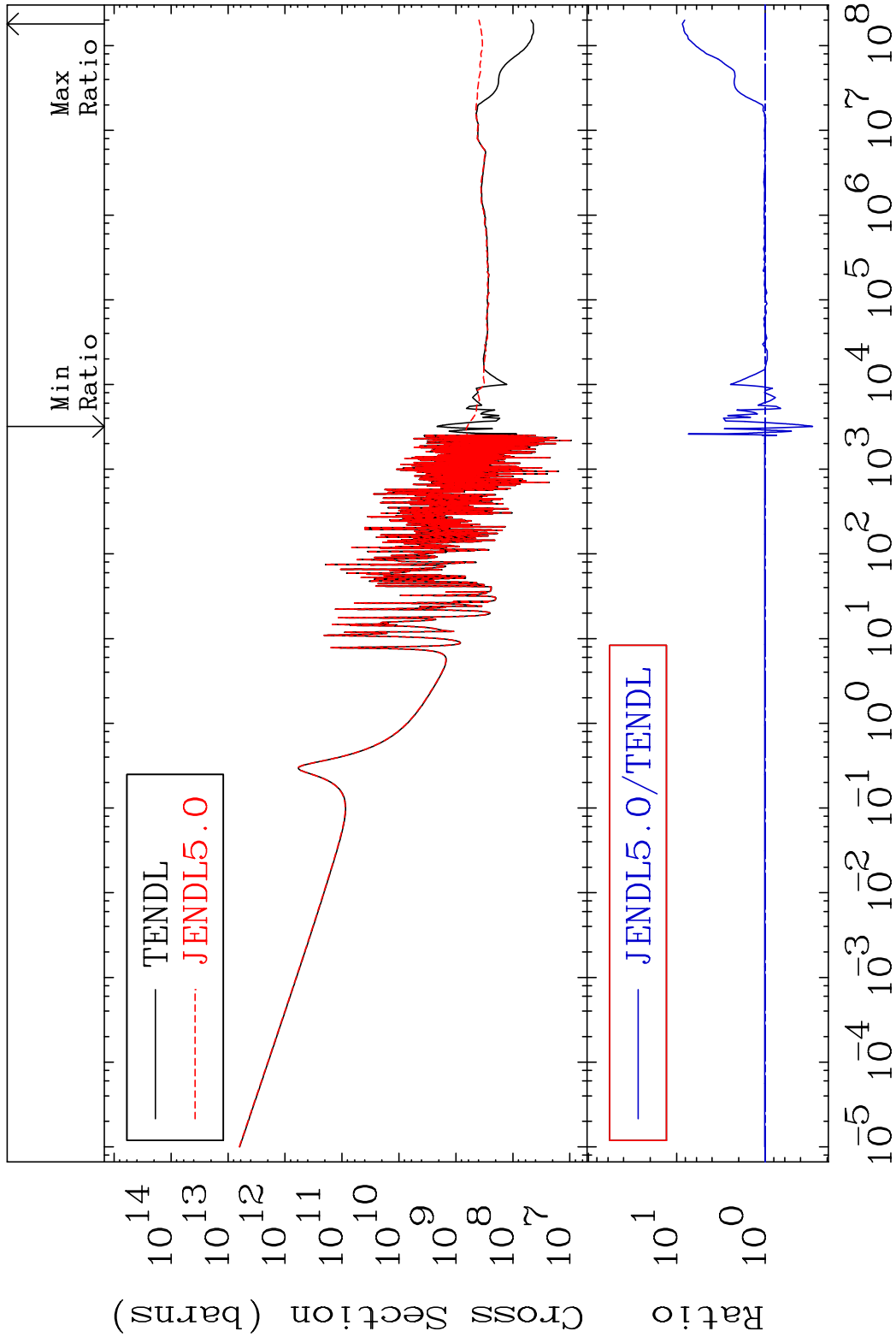
Incident Energy (eV)

94-Pu-239

MAT 9437 Total photon (eV-barns) 94-Pu-239
 Cross Section -89.34 To 9999. %



MAT 9437 Total kinematic kerma (high limit) 94-Pu-239
 Cross Section -70.80 To 765.4 %

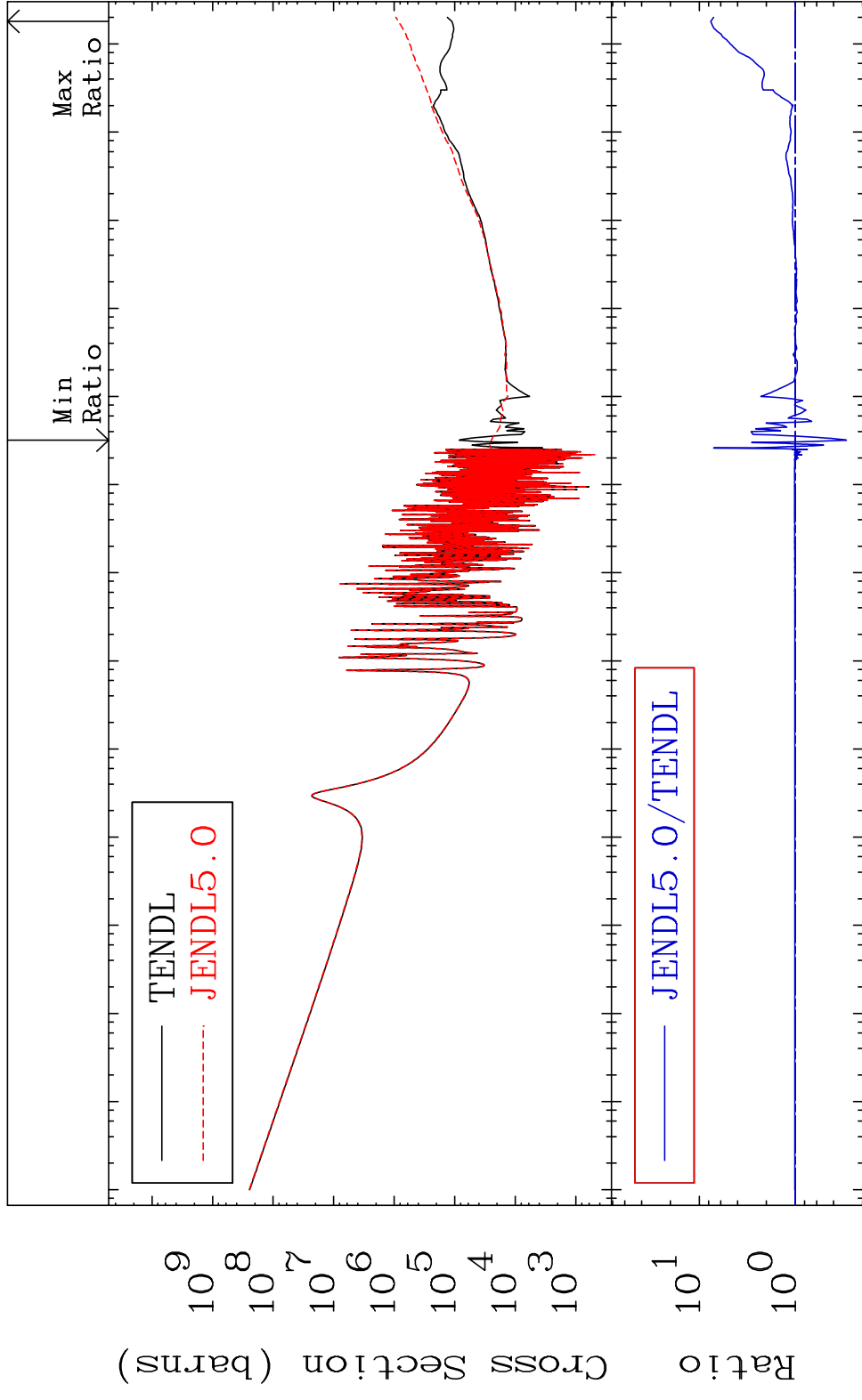


MAT 9437

Dpa total (eV-barns)

94-Pu-239

Cross Section -70.57 To 661.6 %

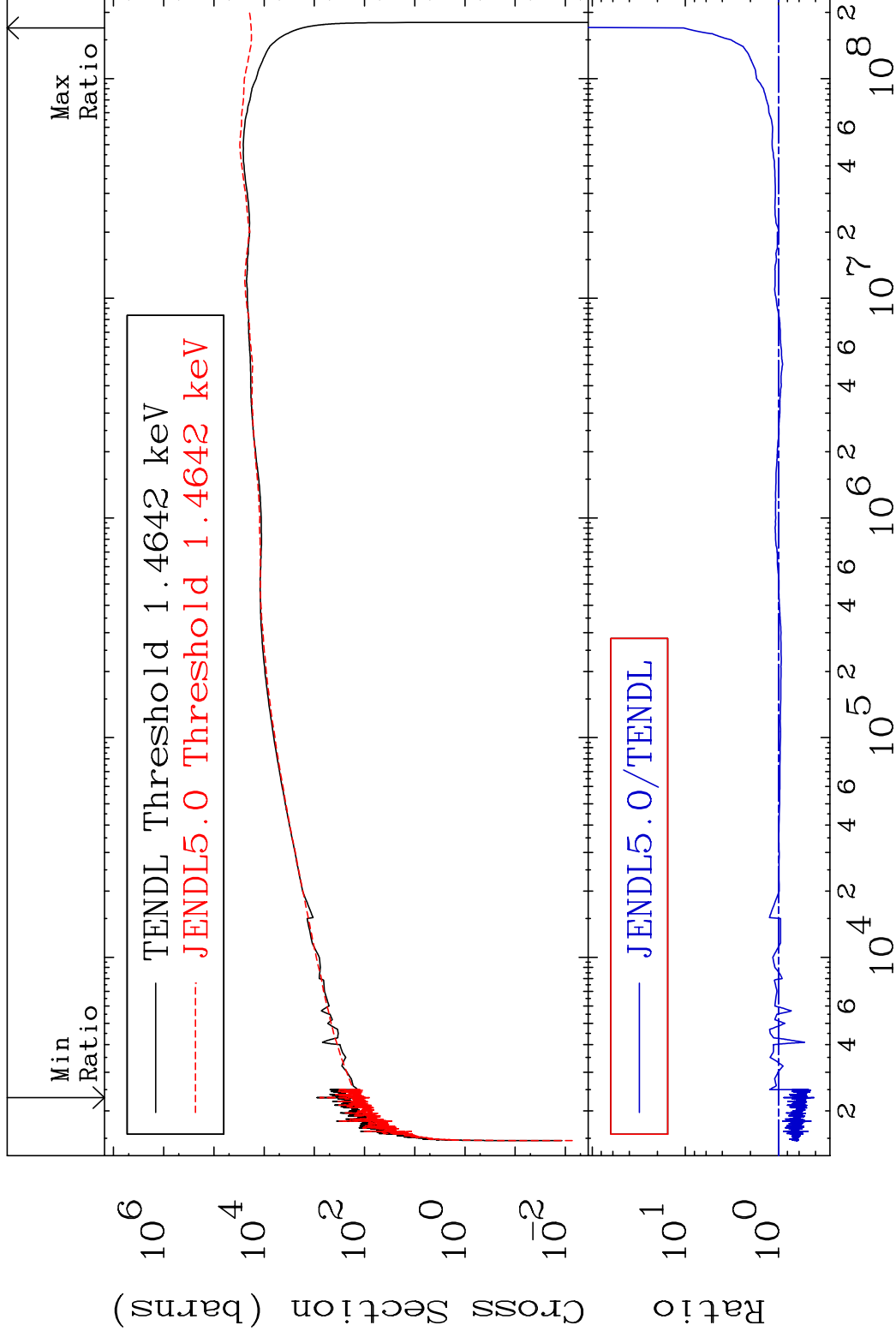


MAT 9437

Dpa elastic (mt2)

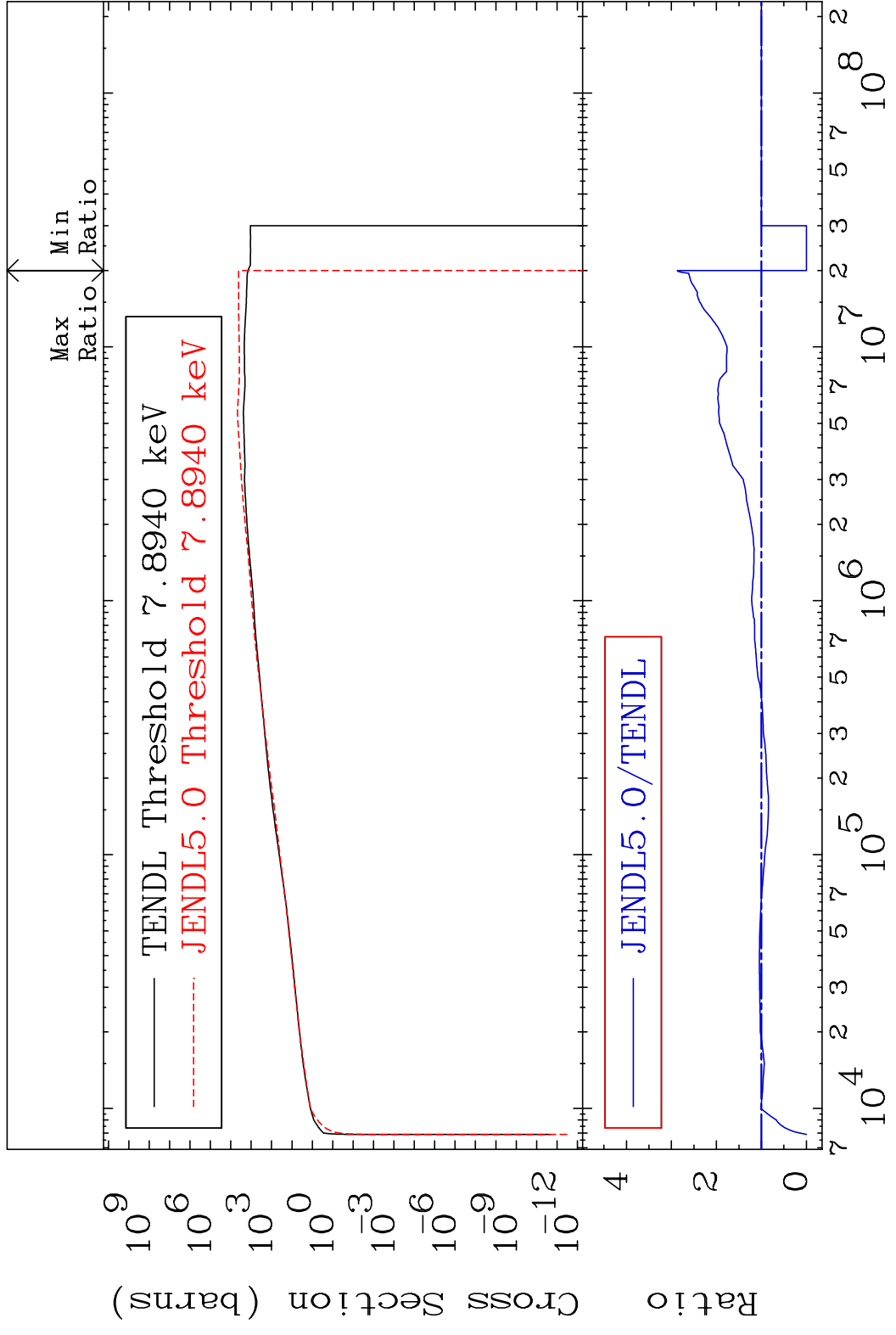
94-Pu-239

Cross Section -58.57 To 942.5 %



MAT 9437

Dpa inelastic (mt51-91) 94-Pu-239
Cross Section -100.0 To 187.2 %

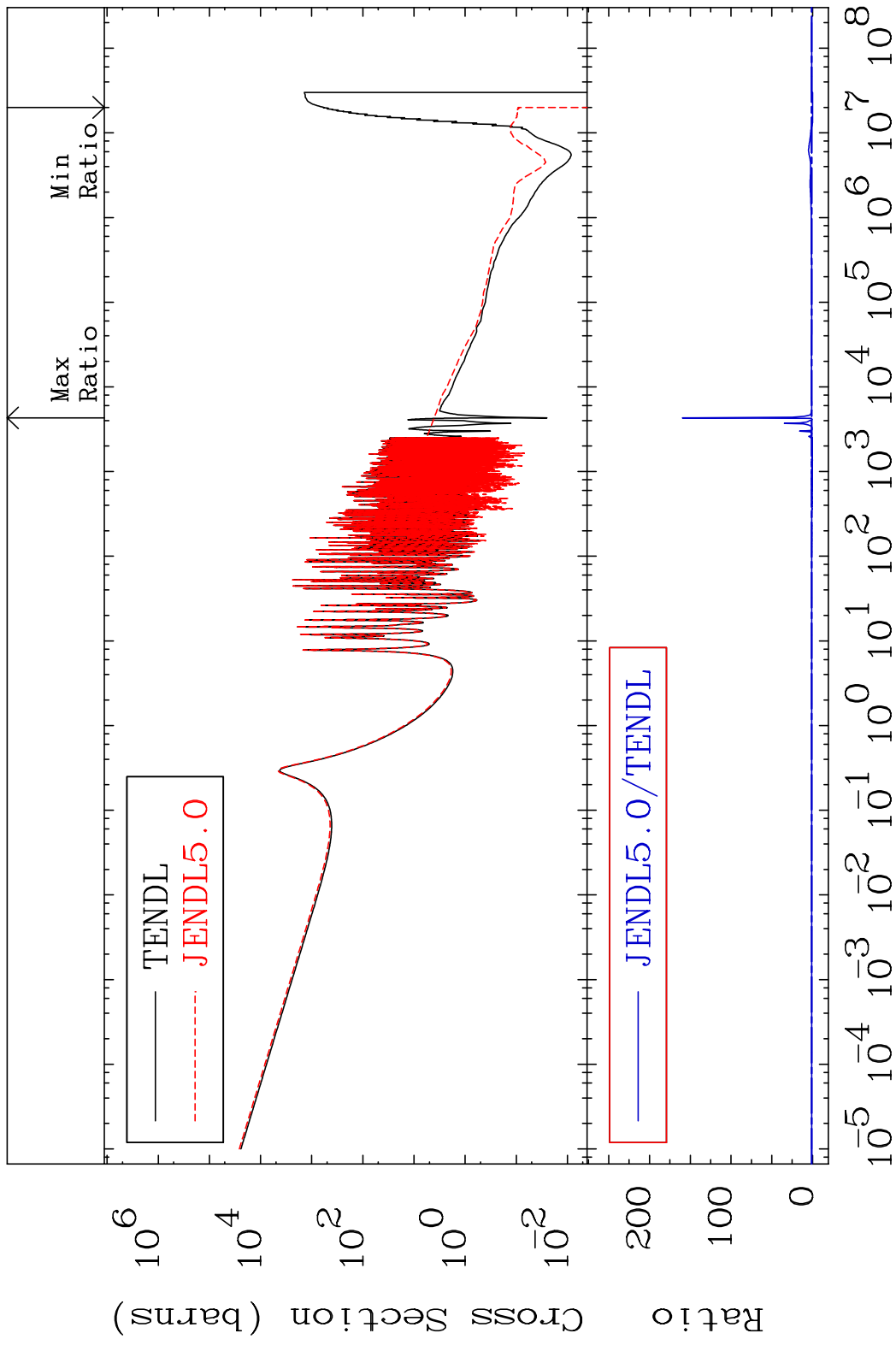


55

Incident Energy (eV)

94-Pu-239

MAT 9437 Dpa disappearance (mt102 -120) 94-Pu-239
 Cross Section -100.0 To 9999. %

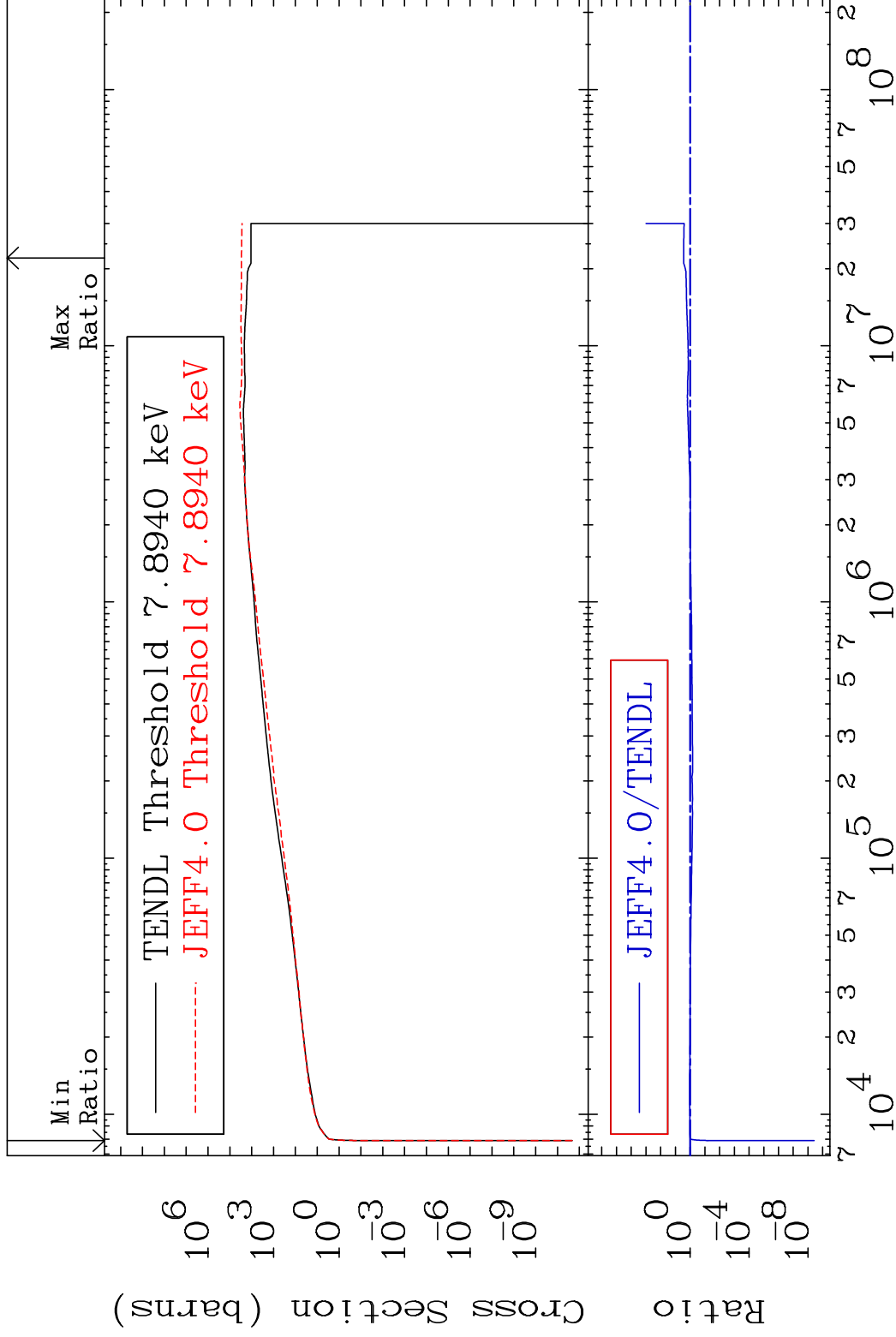


MAT 9437

Dpa inelastic (mt51-91)

94-Pu-239

Cross Section -100.0 To 174.2 %



57

Incident Energy (eV)

94-Pu-239

MAT 9437 Dpa disappearance (mt102 -120) 94-Pu-239
 Cross Section -99.50 To 9999. %

