

Program Complot
(Version 2021-1)

by

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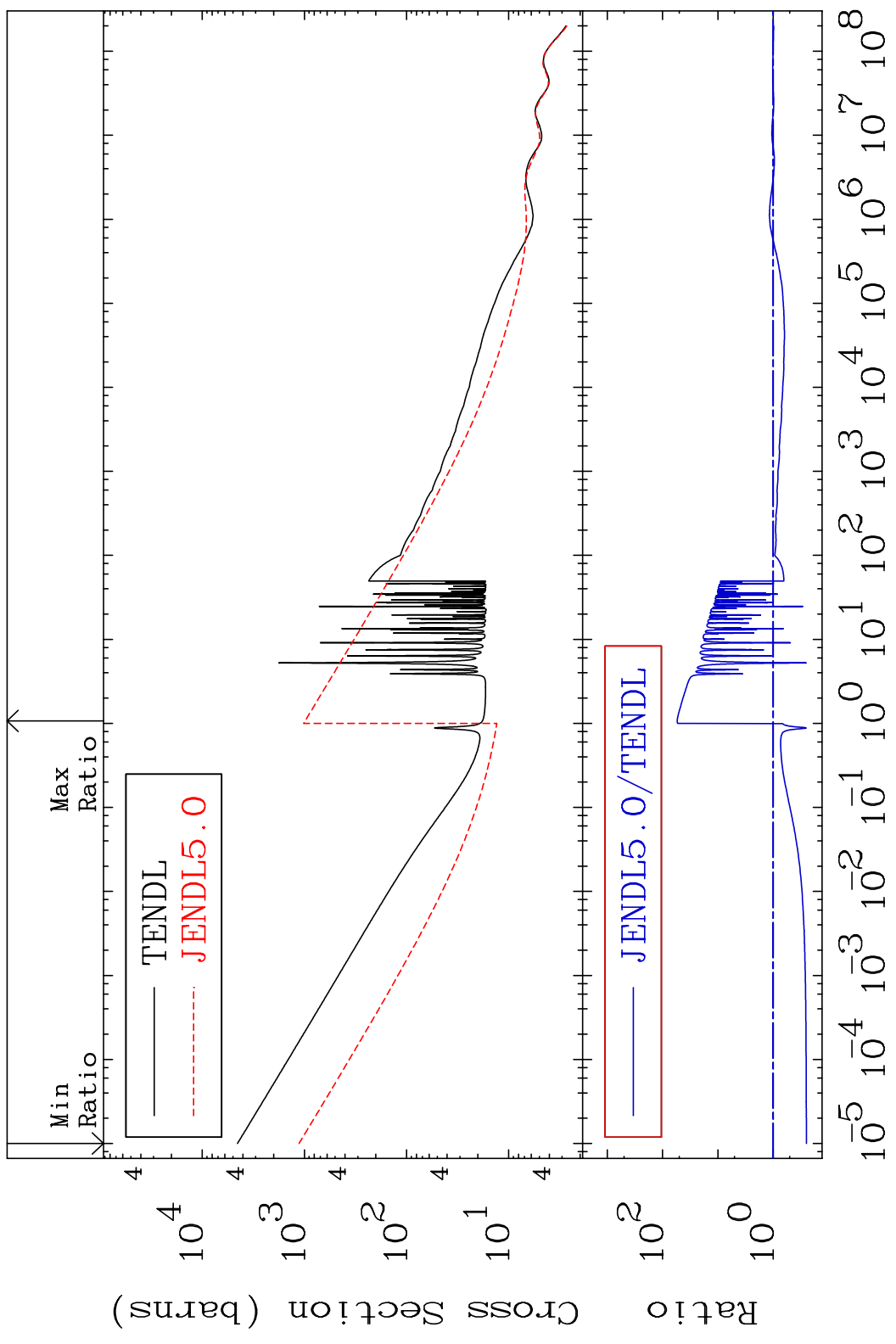
Press Mouse Button to Start

MAT 7519

Total

75-Re-183

Cross Section -75.03 To 5344. %



1

Incident Energy (eV)

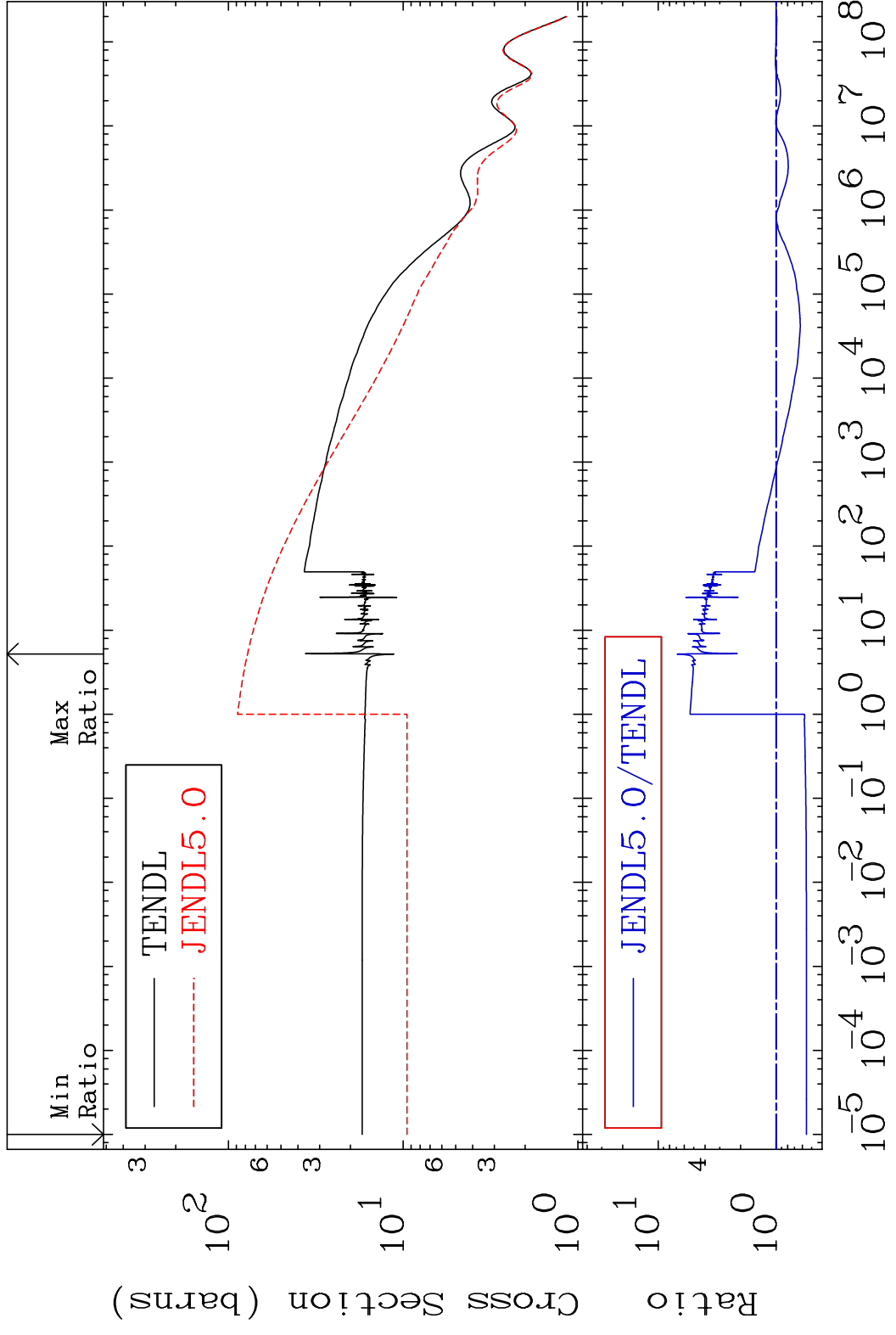
75-Re-183

MAT 7519

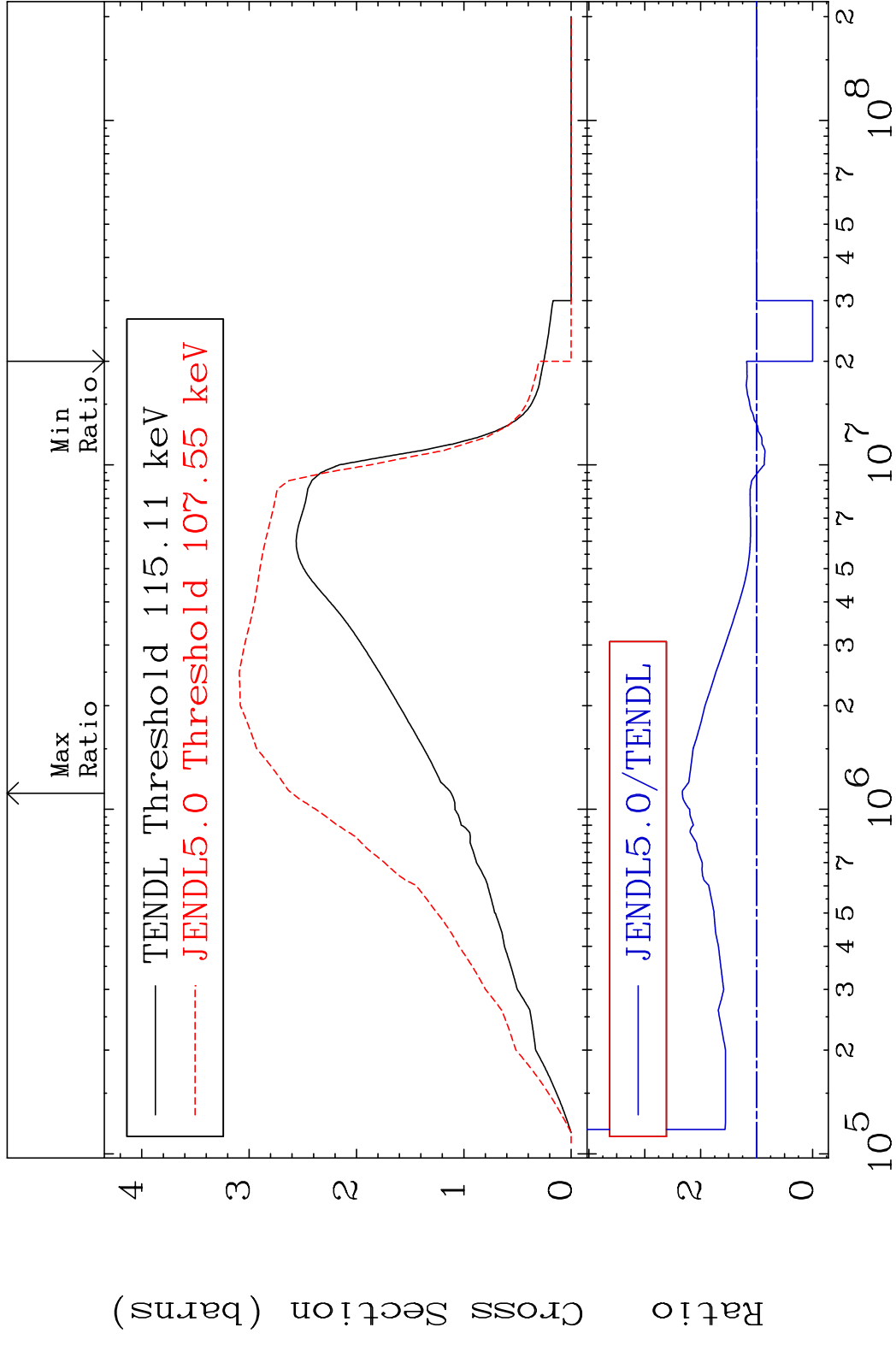
Elastic

75-Re-183

Cross Section -44.57 To 589.3 %



MAT 7519 Inelastic 75-Re-183
 Cross Section -100.0 To 132.8 %



3 Incident Energy (eV) 75-Re-183

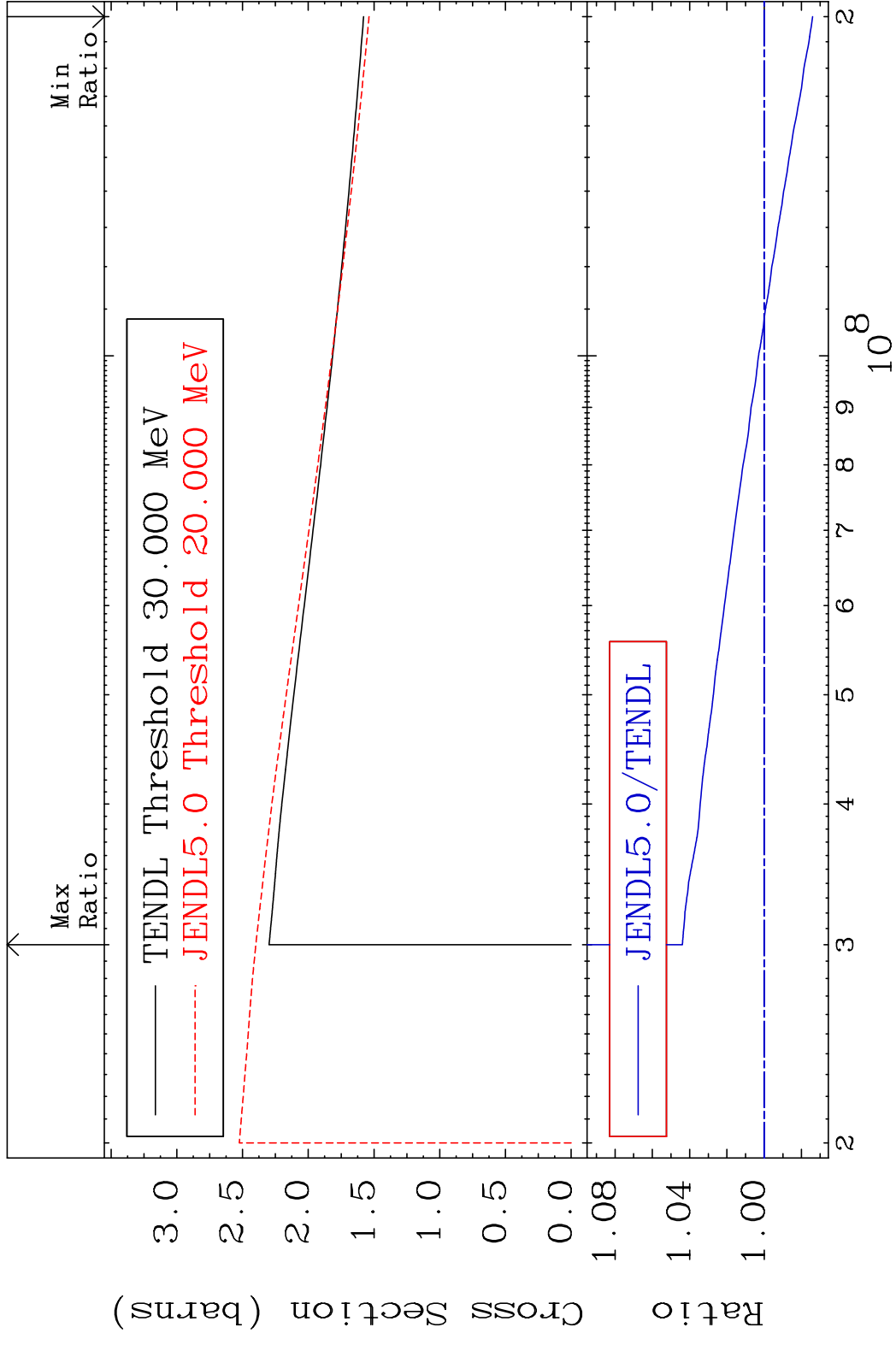
MAT 7519

(n, remainder)

75-Re-183

Cross Section

-2.593 To 4.390 %

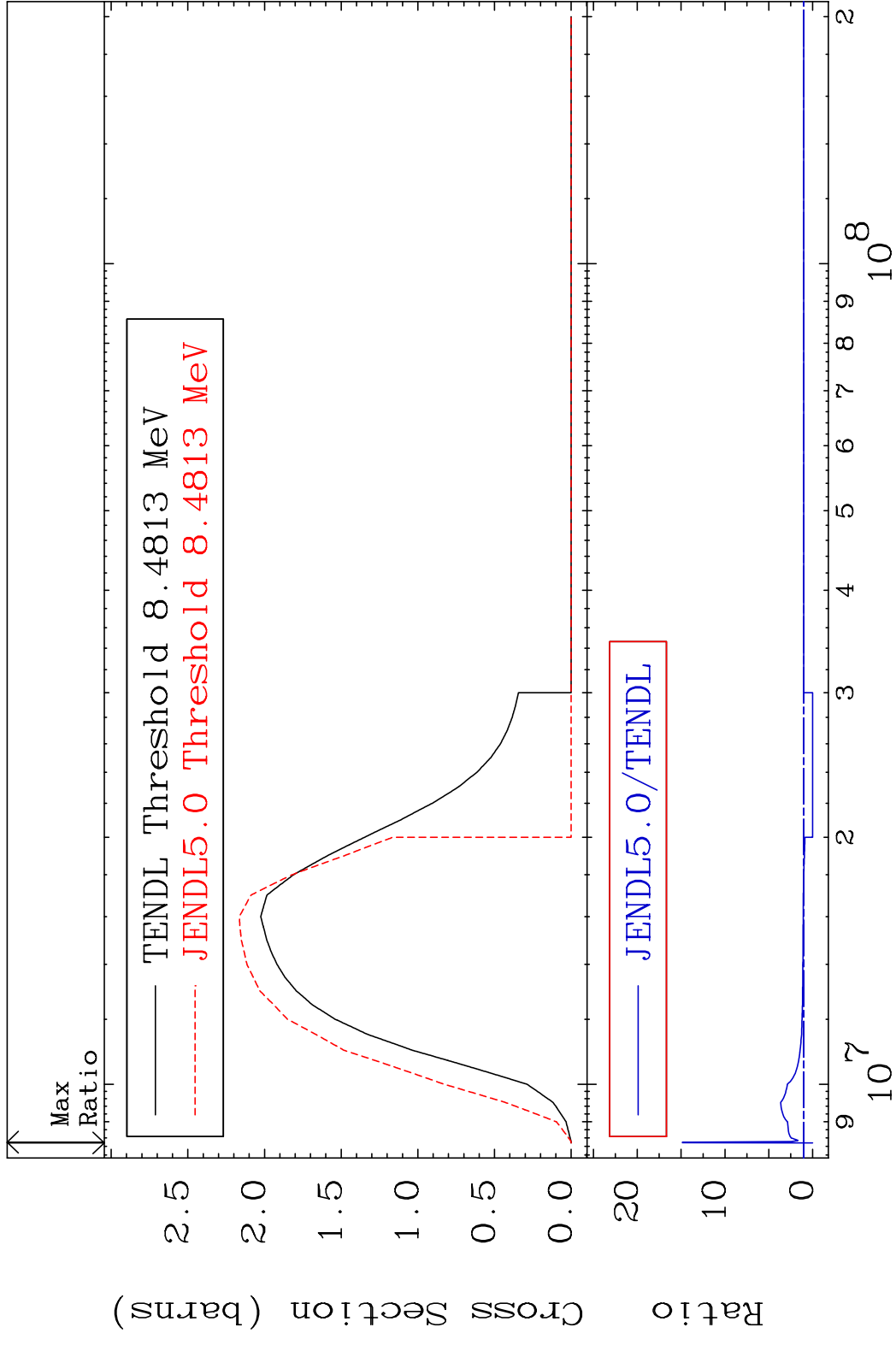


4

Incident Energy (eV)

75-Re-183

MAT 7519 (n,2n) 75-Re-183
 Cross Section -100.0 To 1386. %



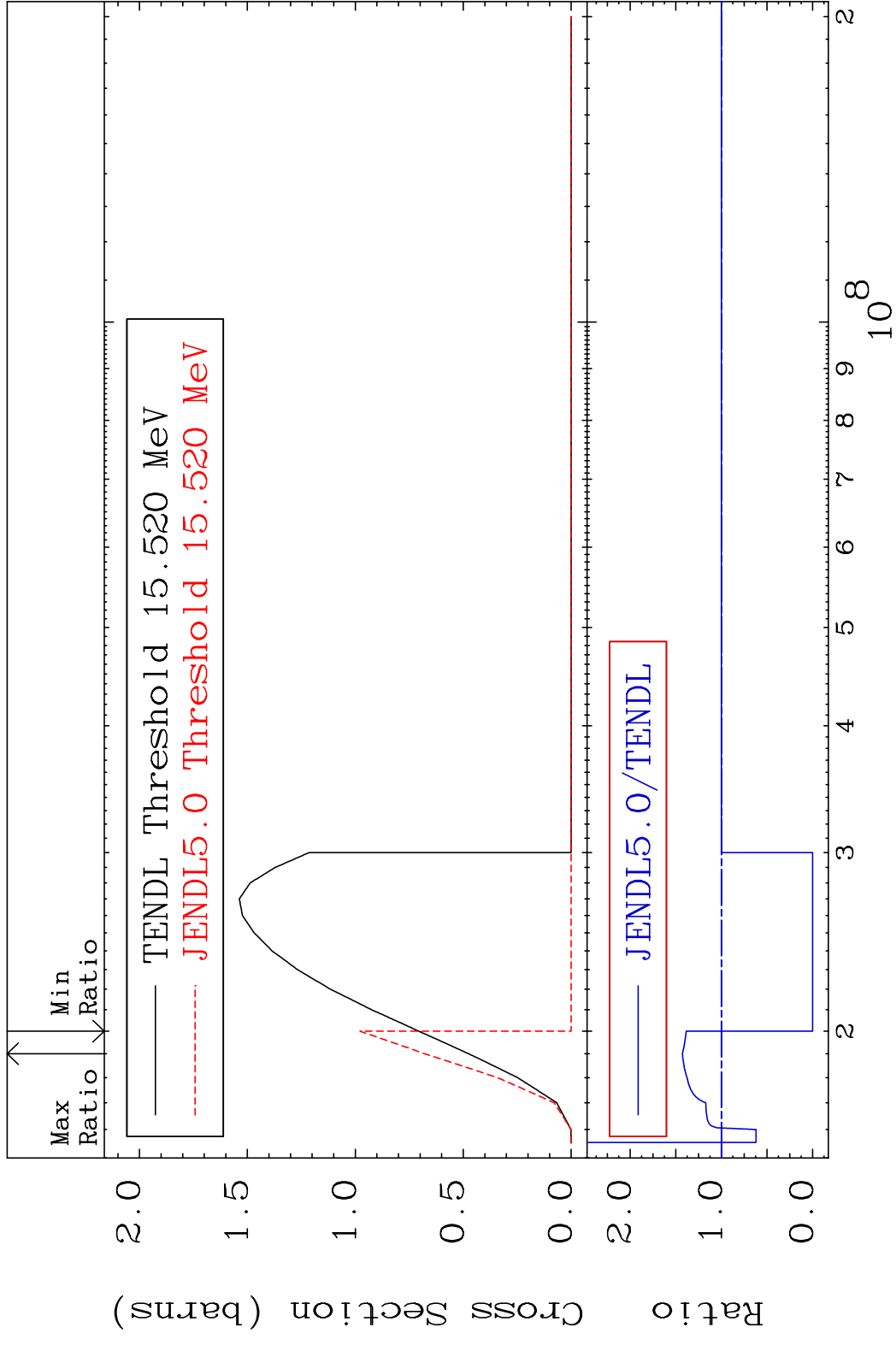
5 Incident Energy (eV) 75-Re-183

MAT 7519

(n,3n)

75-Re-183

Cross Section -100.0 To 42.84 %

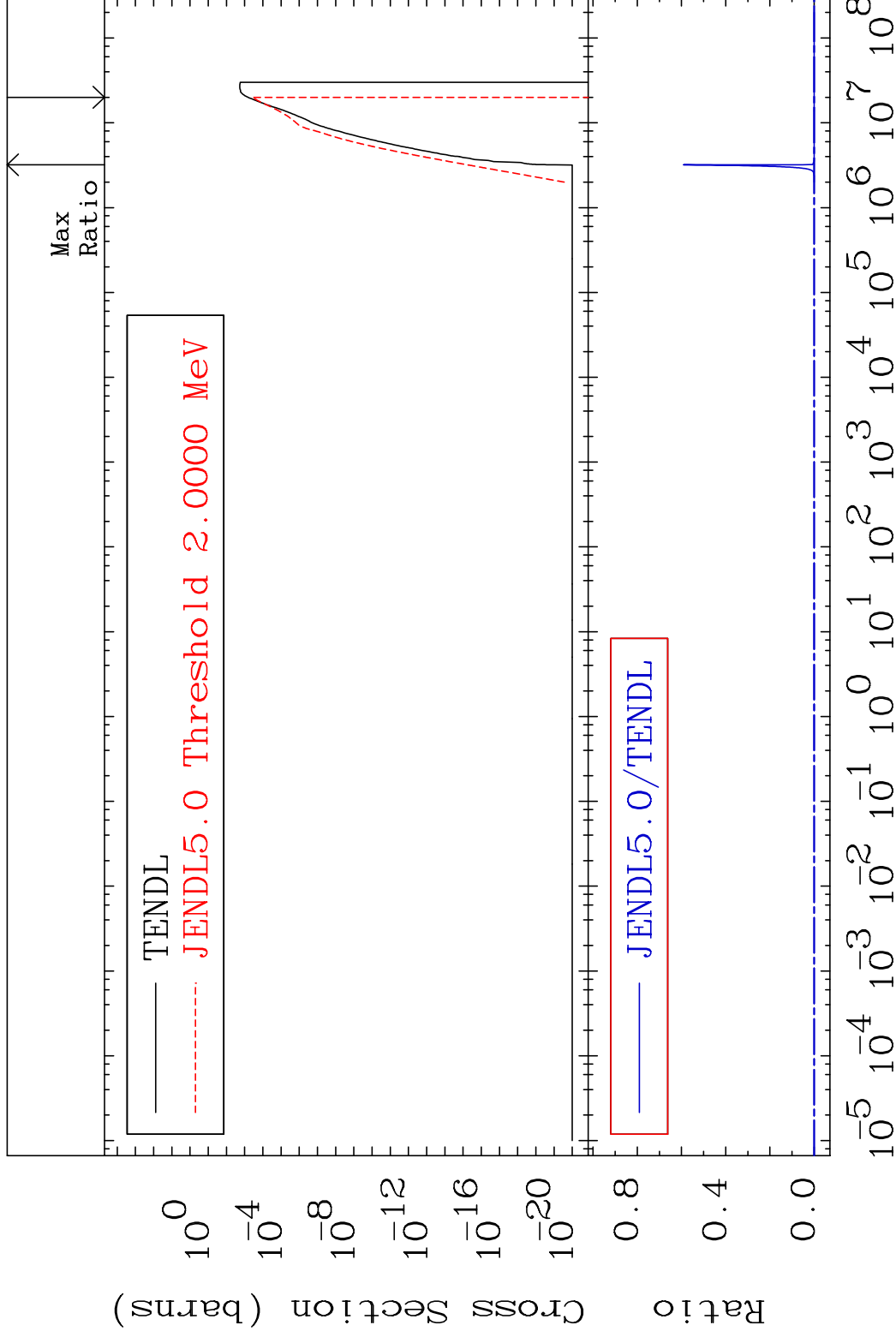


MAT 7519

(n, n') α

75-Re-183

Cross Section -100.0 To 9999. %

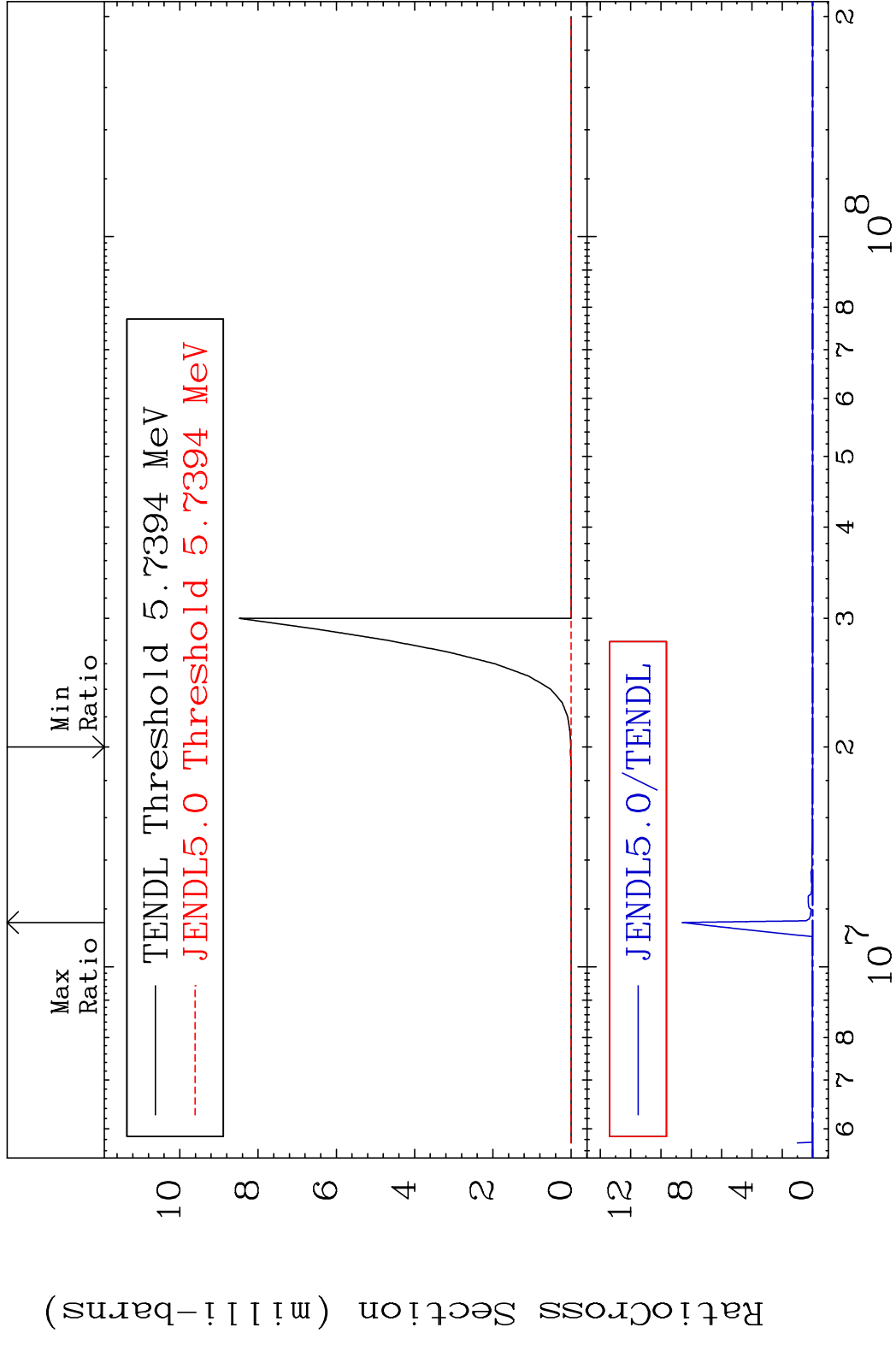


7

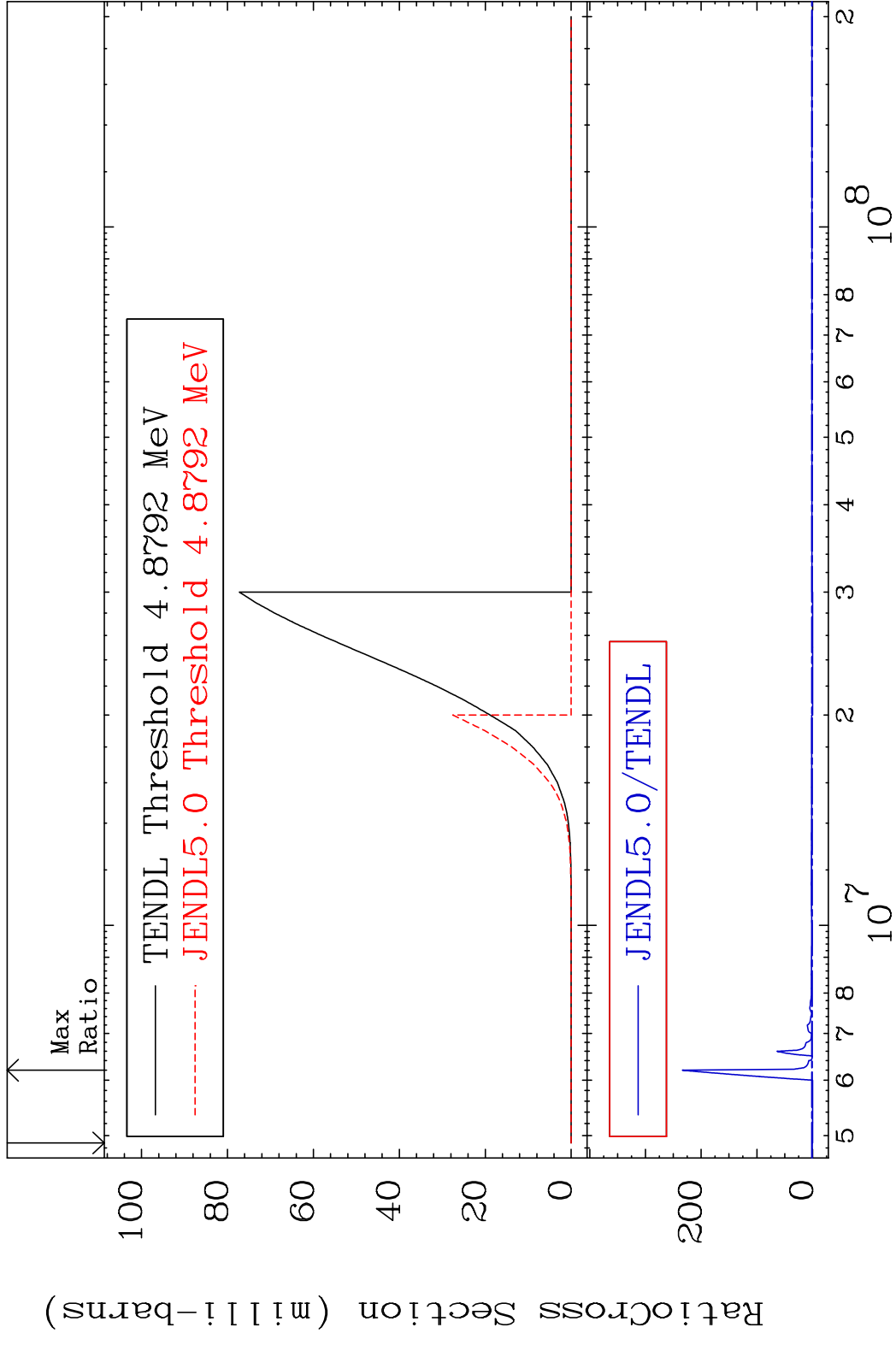
Incident Energy (eV)

75-Re-183

MAT 7519 (n,2n) α 75-Re-183
 Cross Section -100.0 To 9999. %



MAT 7519 (n, n') p 75-Re-183
 Cross Section -100.0 To 9999. %

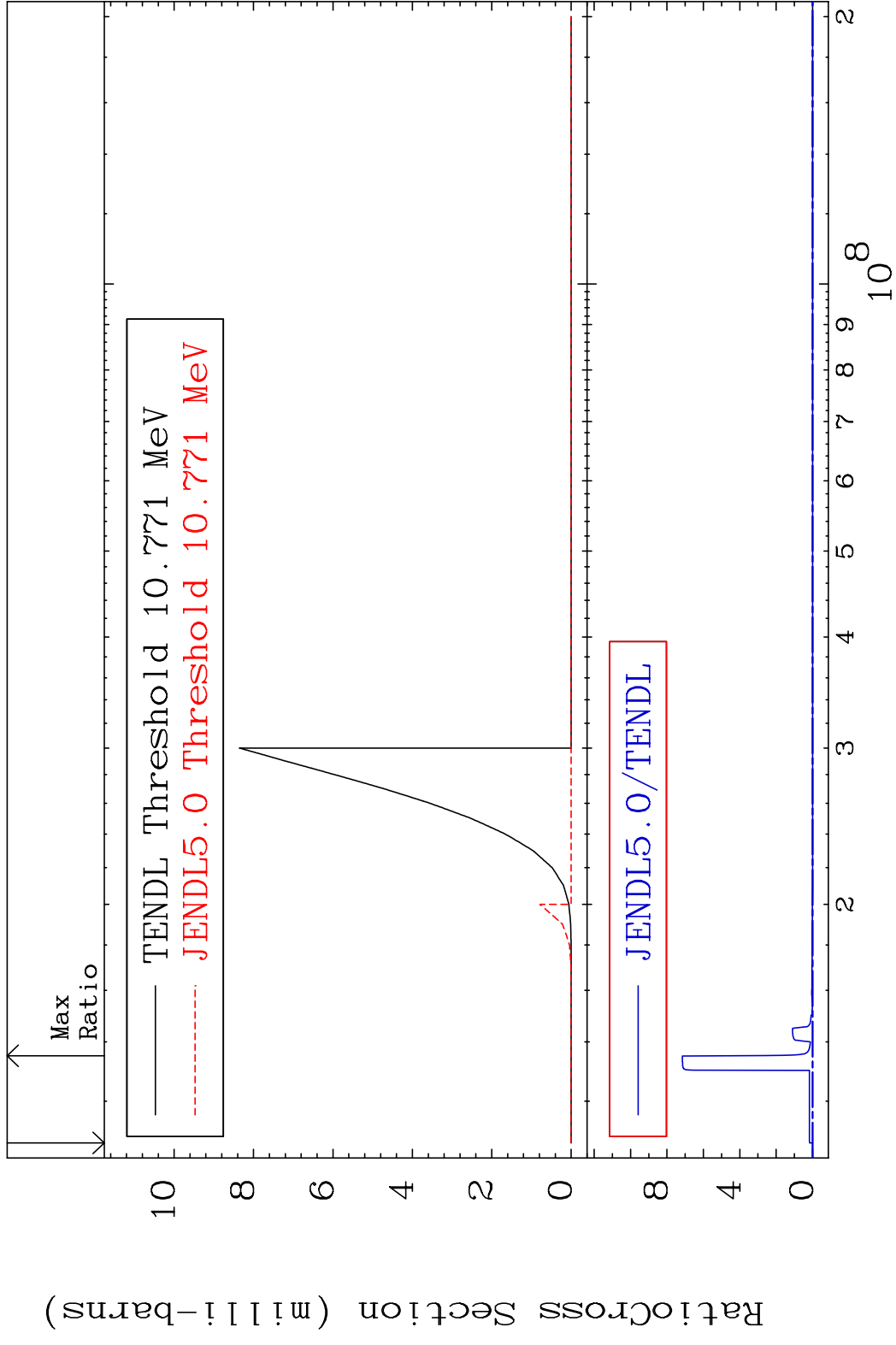


MAT 7519

(n, n') d

75-Re-183

Cross Section -100.0 To 9999. %

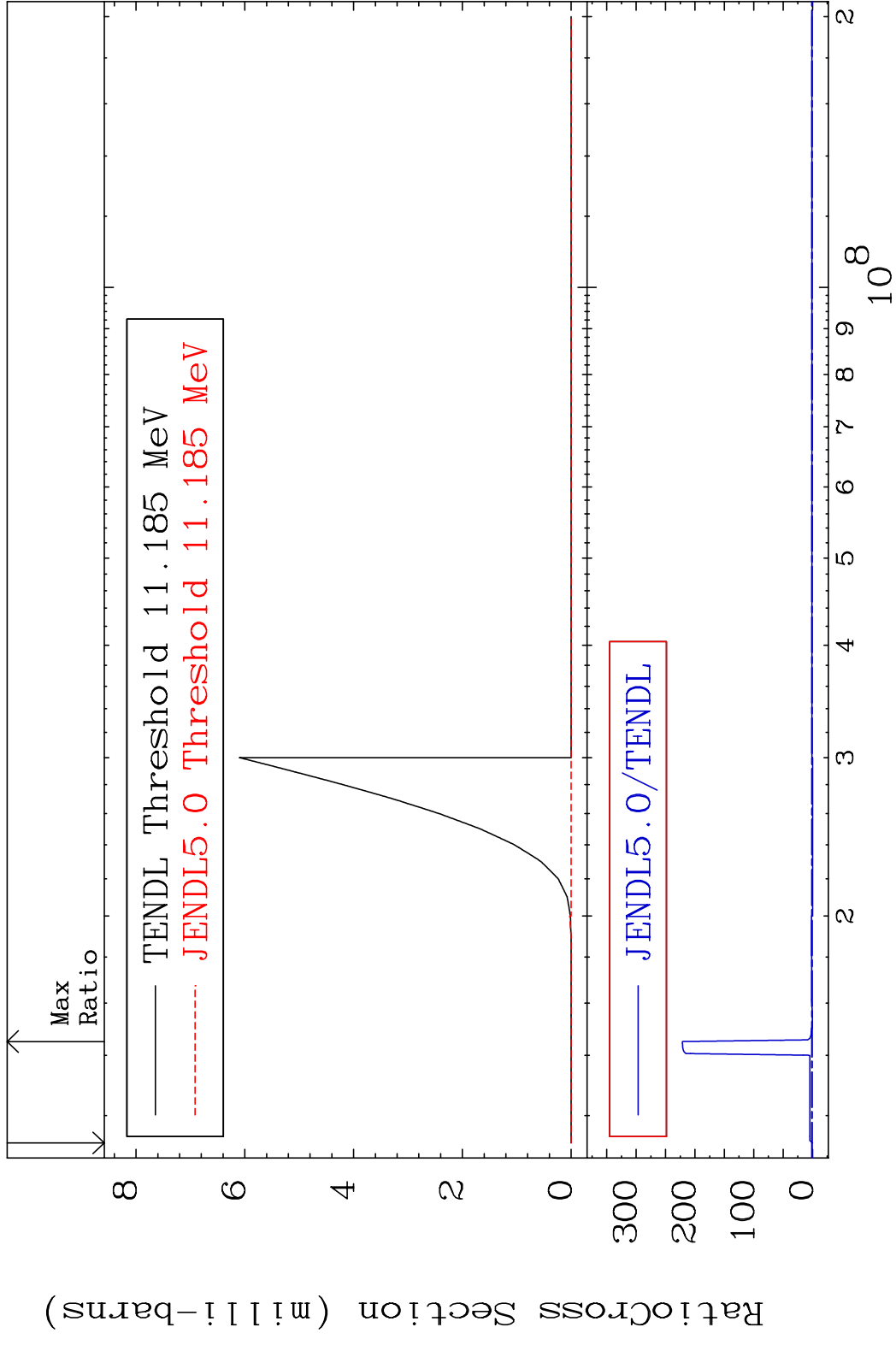


10

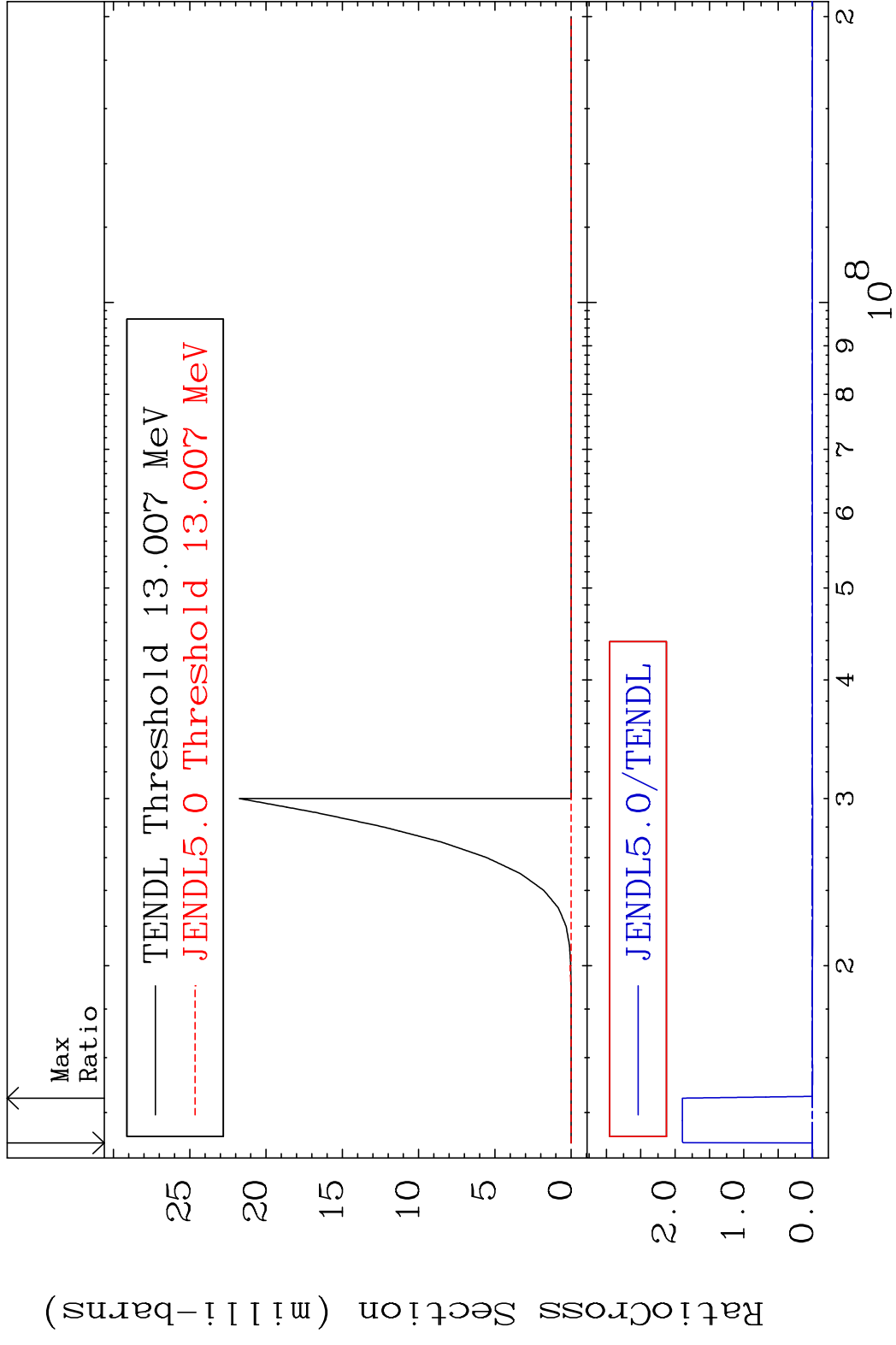
Incident Energy (eV)

75-Re-183

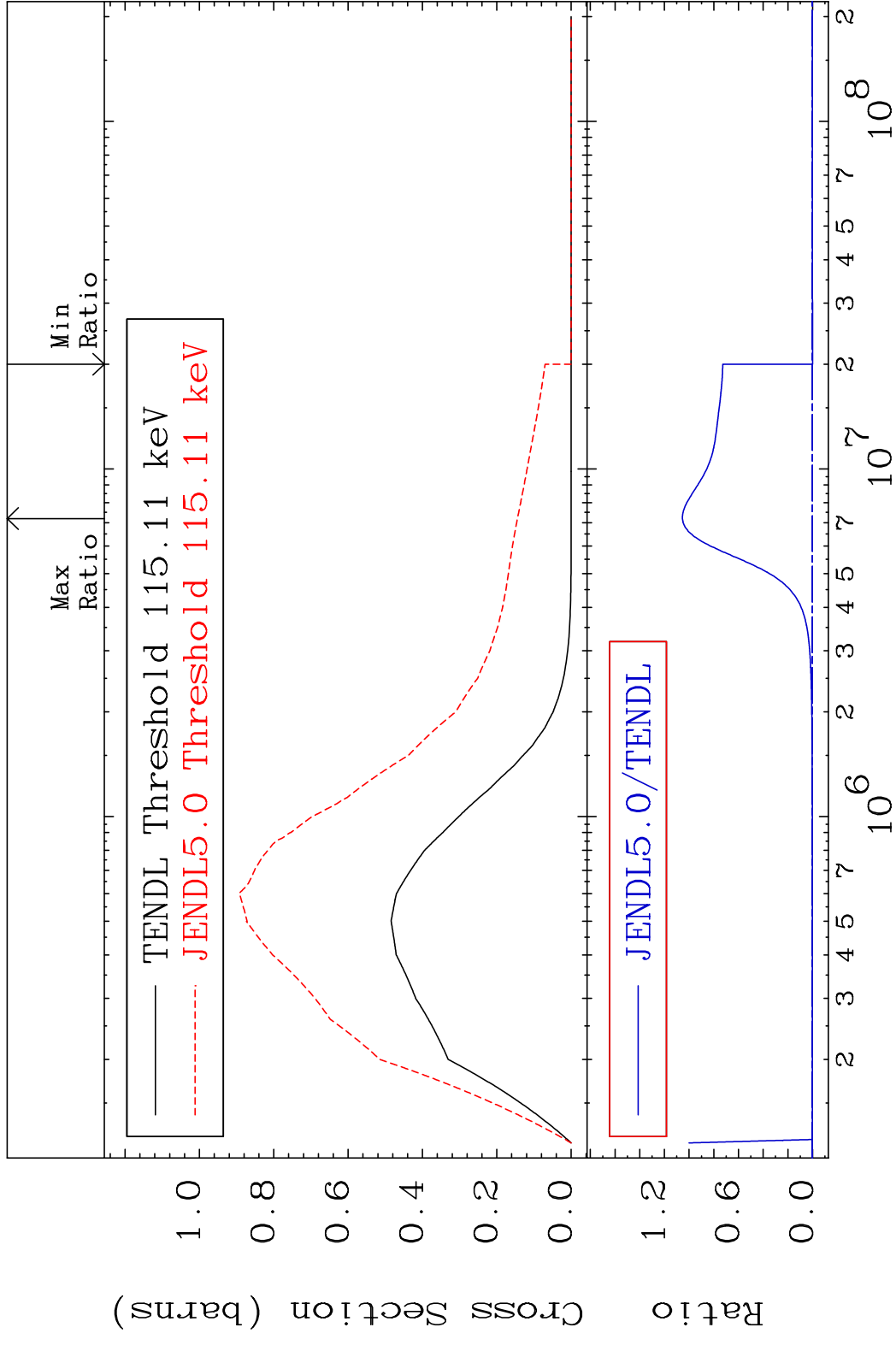
MAT 7519 (n, n') t 75-Re-183
 Cross Section -100.0 To 9999. %



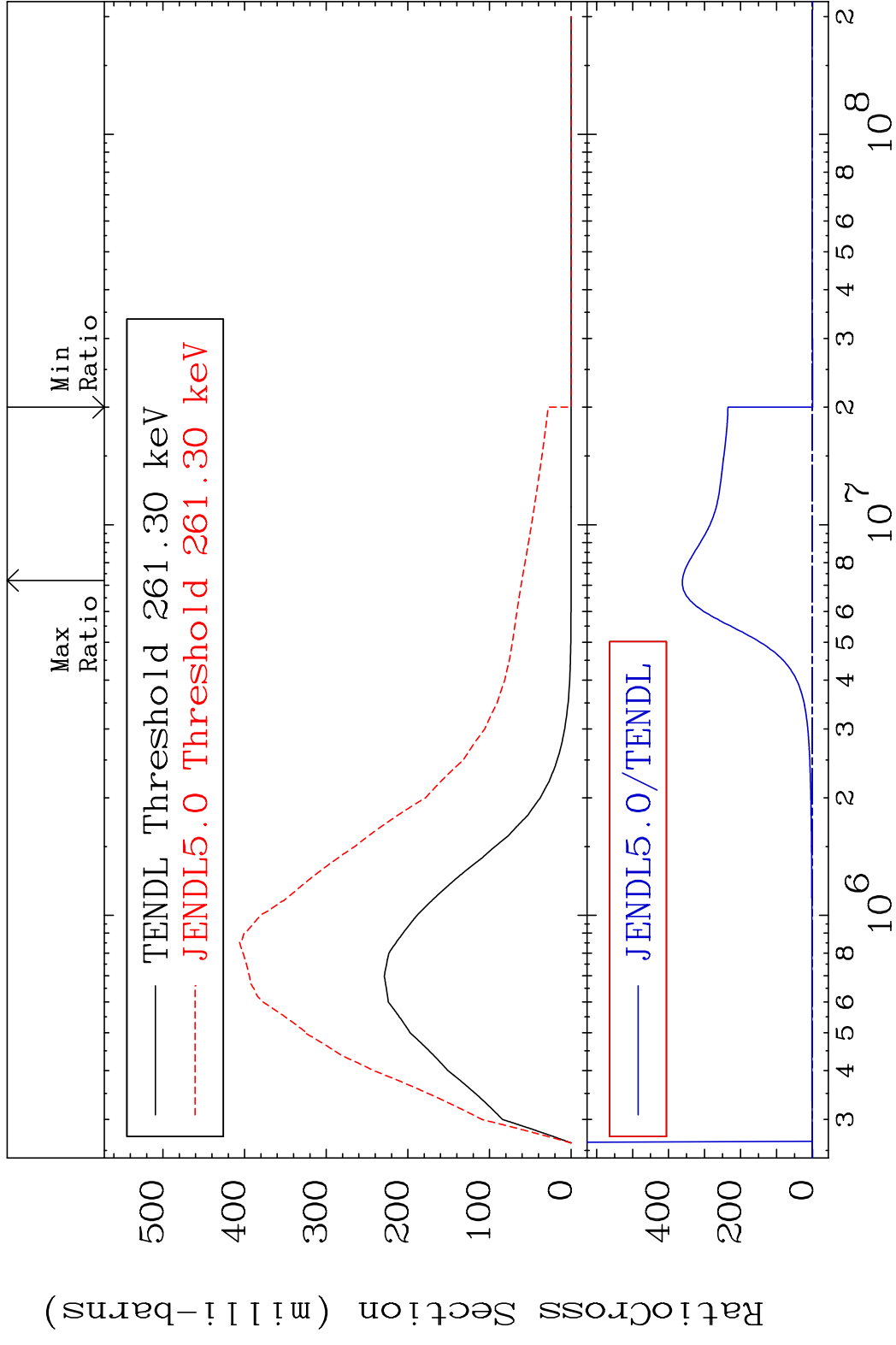
MAT 7519 (n,2n) p 75-Re-183
 Cross Section -100.0 To 9999. %



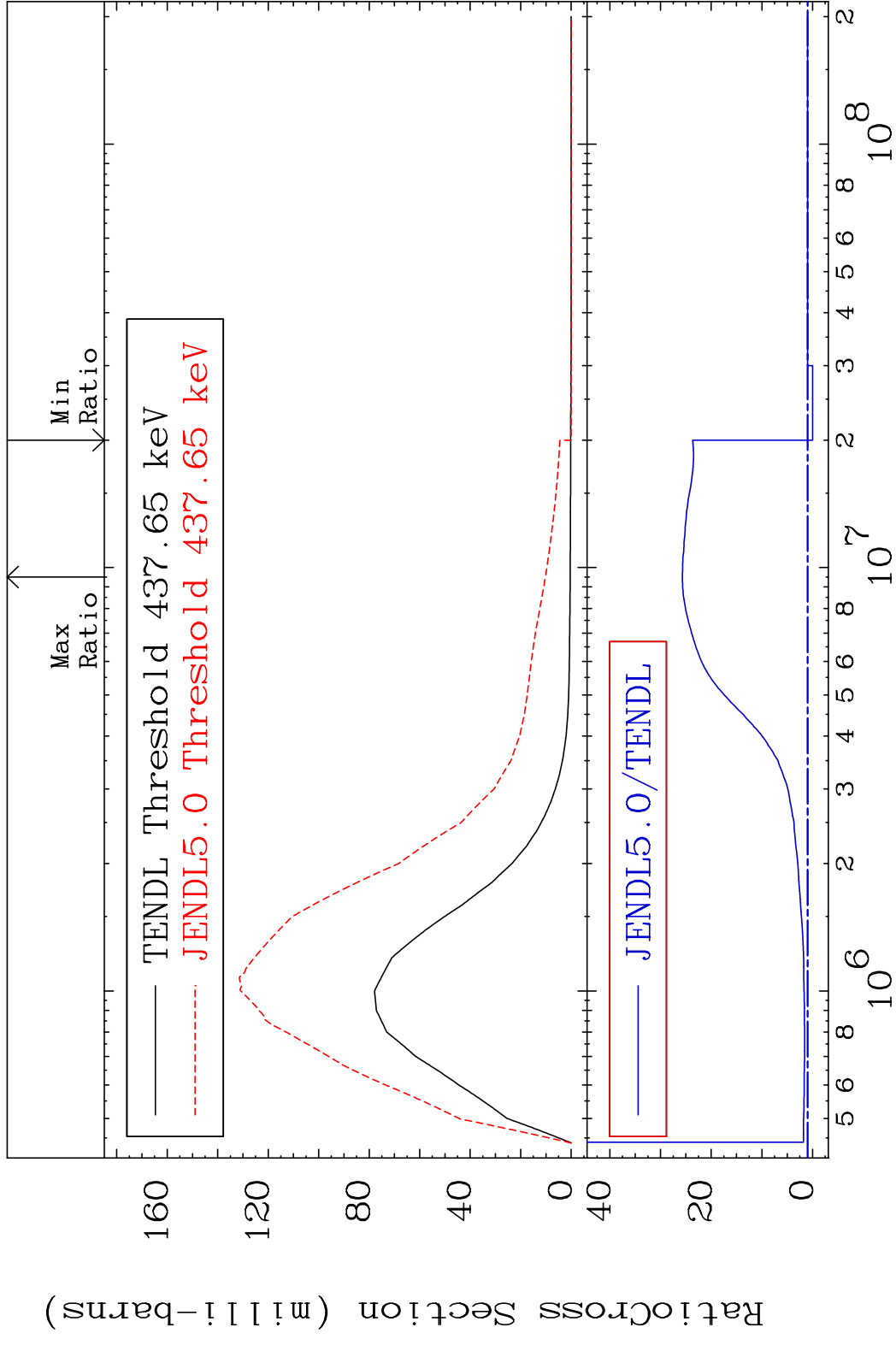
MAT 7519 MT= 51 (n, n') Level 75-Re-183
 Cross Section -100.0 To 9999. %



MAT 7519 MT= 52 (n, n') Level 75-Re-183
 Cross Section -100.0 To 9999. %

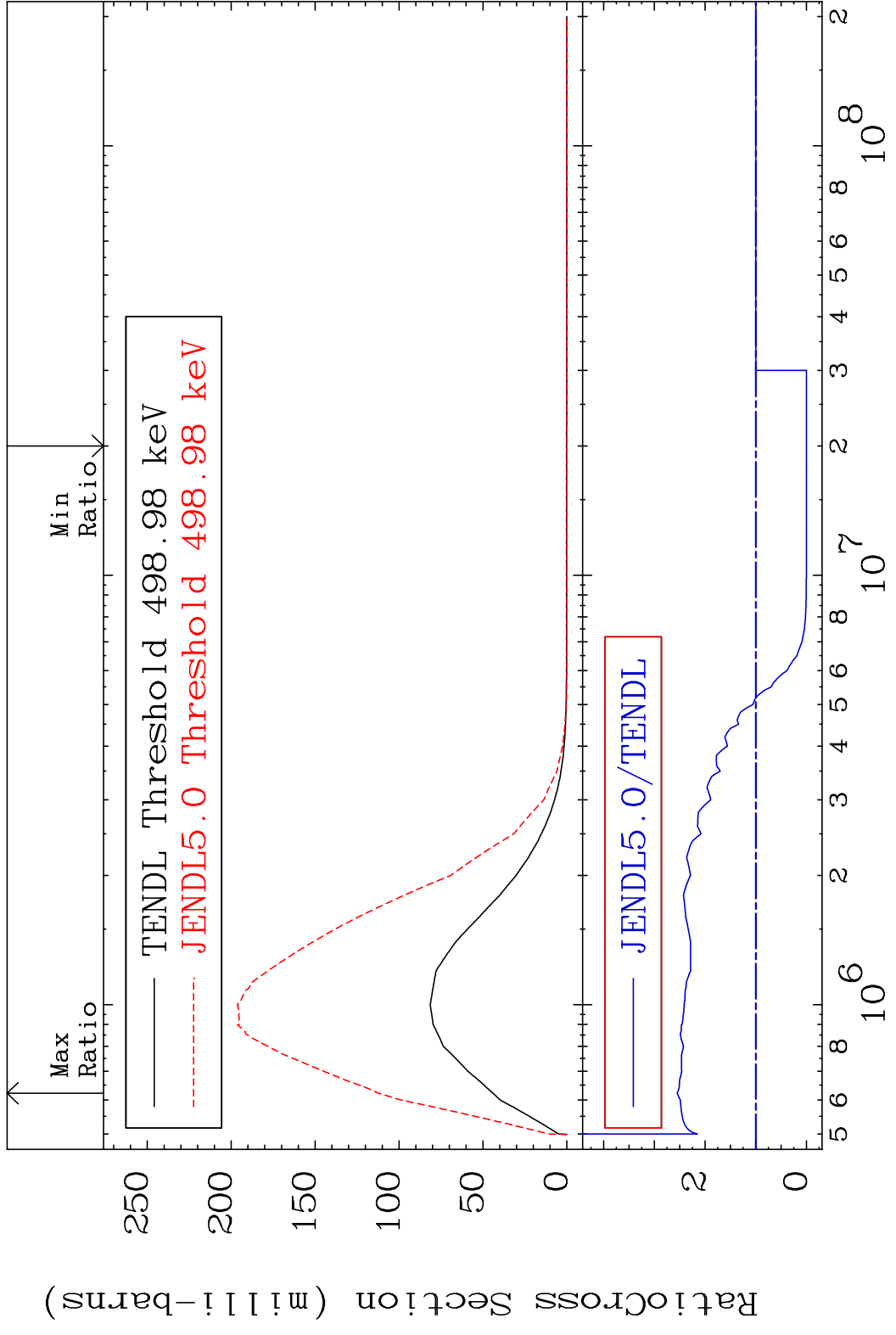


MAT 7519 MT= 53 (n, n') Level 75-Re-183
 Cross Section -100.0 To 2469. %

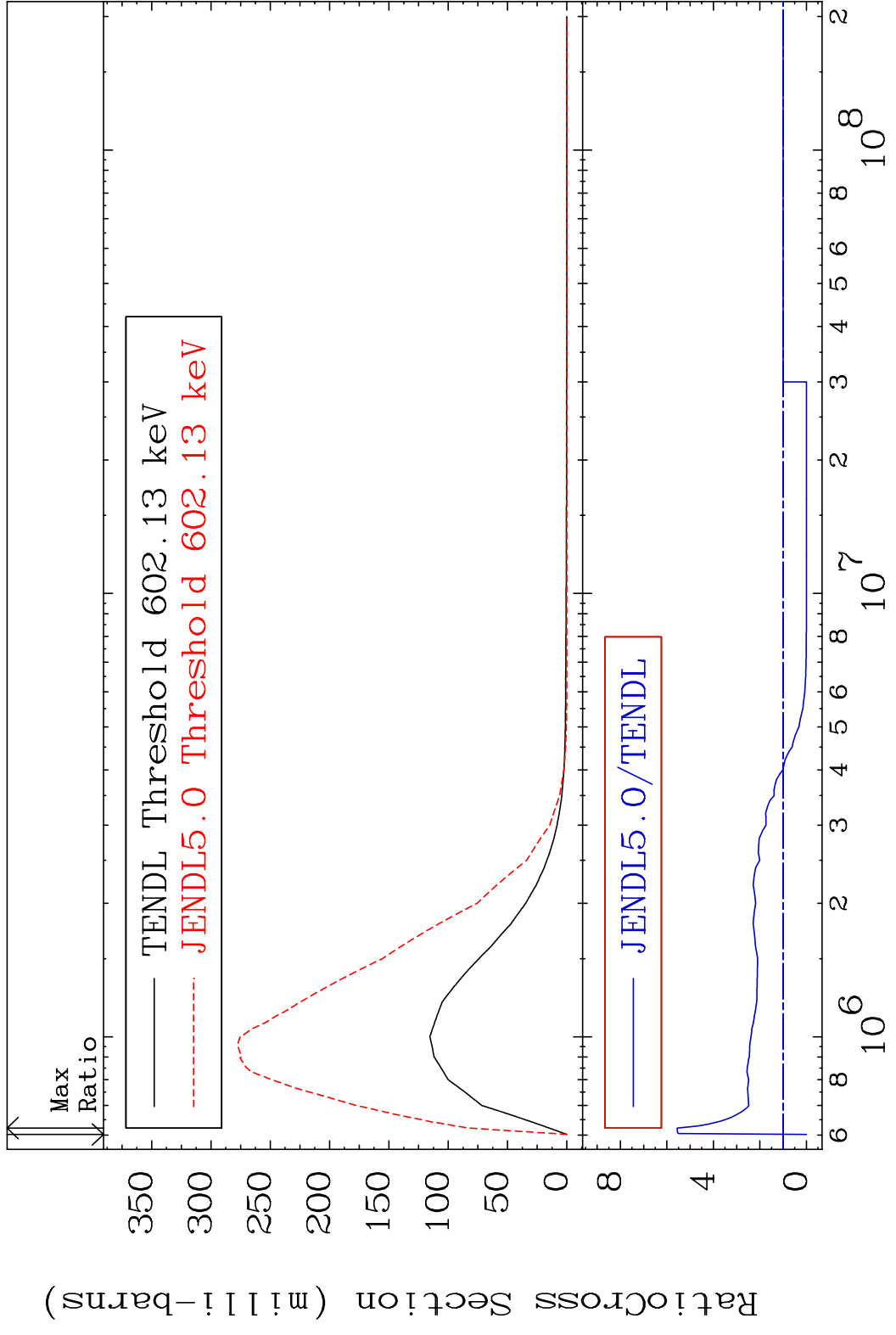


15 Incident Energy (eV) 75-Re-183

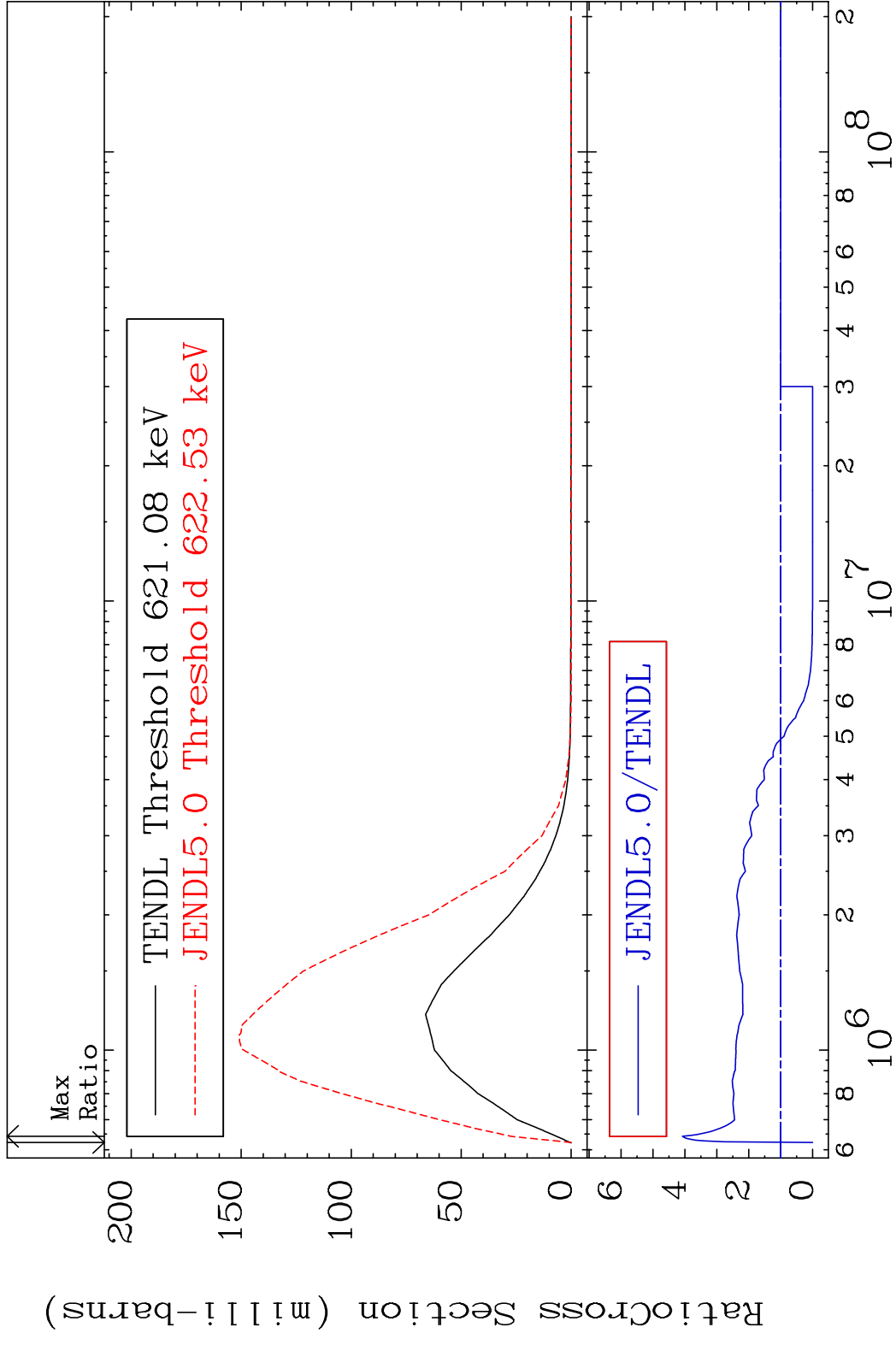
MAT 7519 MT= 54 (n, n') Level 75-Re-183
 Cross Section -100.0 To 154.9 %



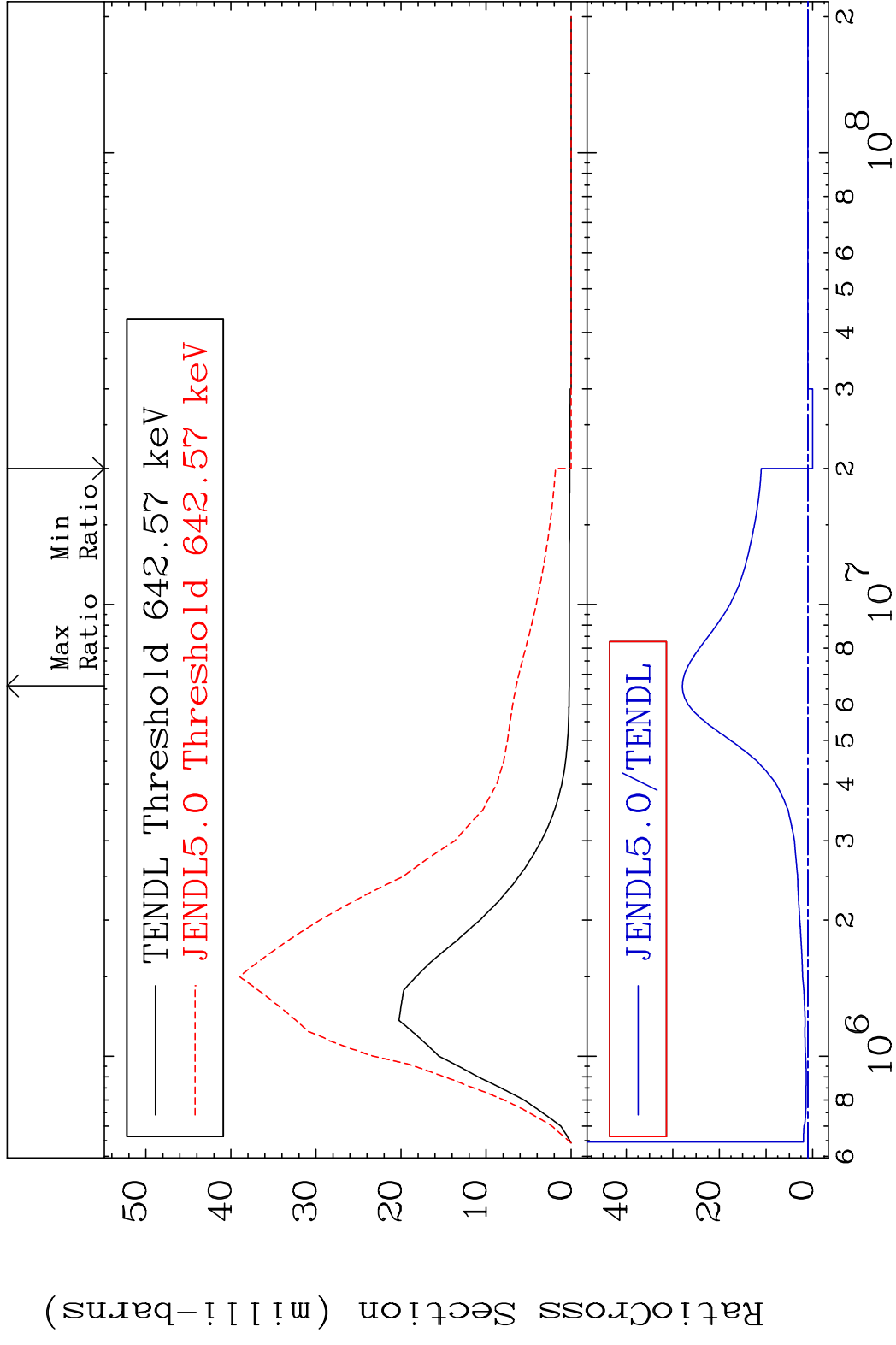
MAT 7519 MT= 55 (n,n') Level 75-Re-183
 Cross Section -100.0 To 455.8 %



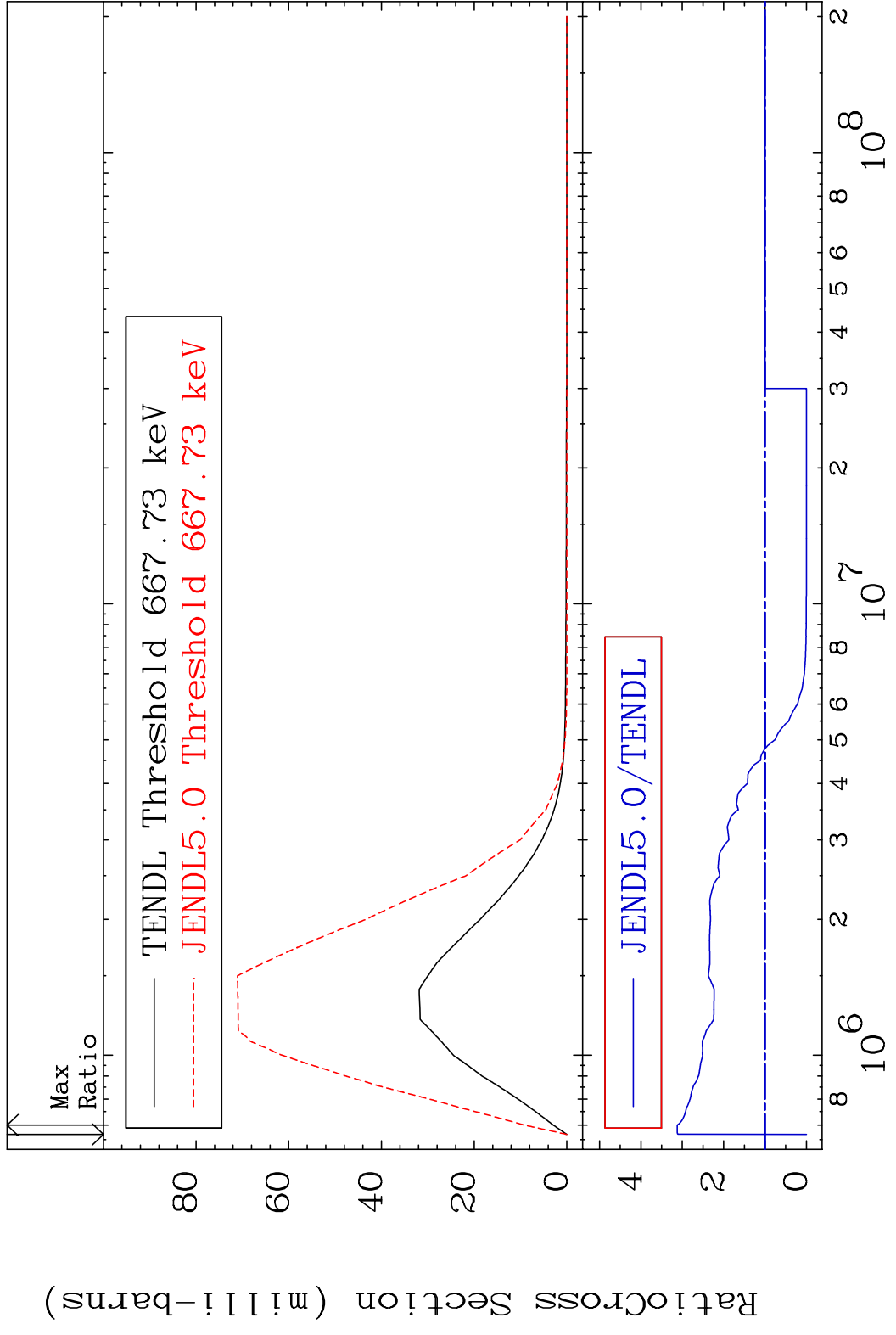
MAT 7519 MT= 56 (n, n') Level 75-Re-183
 Cross Section -100.0 To 308.0 %



MAT 7519 MT= 57 (n, n') Level 75-Re-183
 Cross Section -100.0 To 2695. %

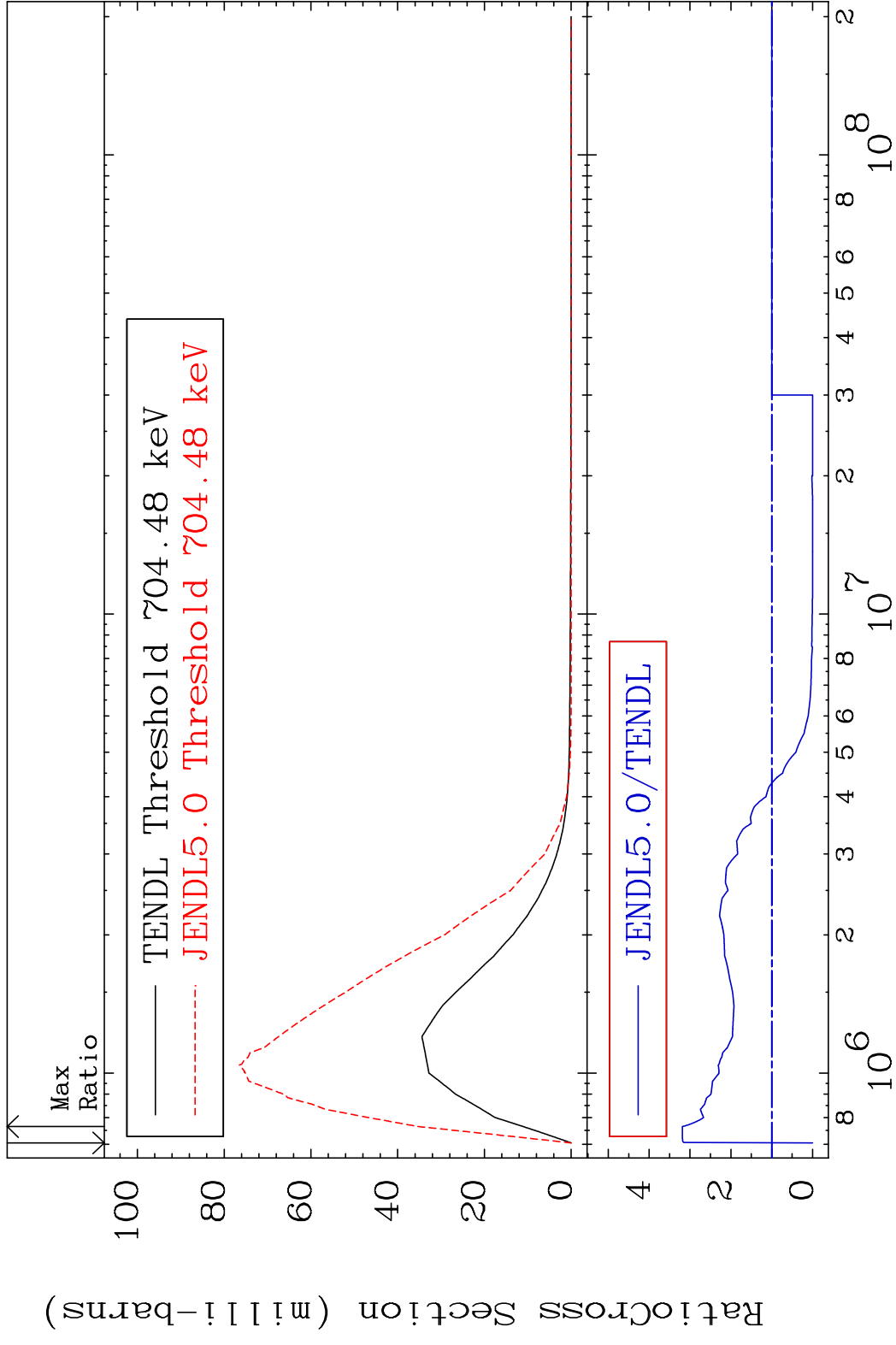


MAT 7519 MT= 58 (n,n') Level 75-Re-183
 Cross Section -100.0 To 212.3 %

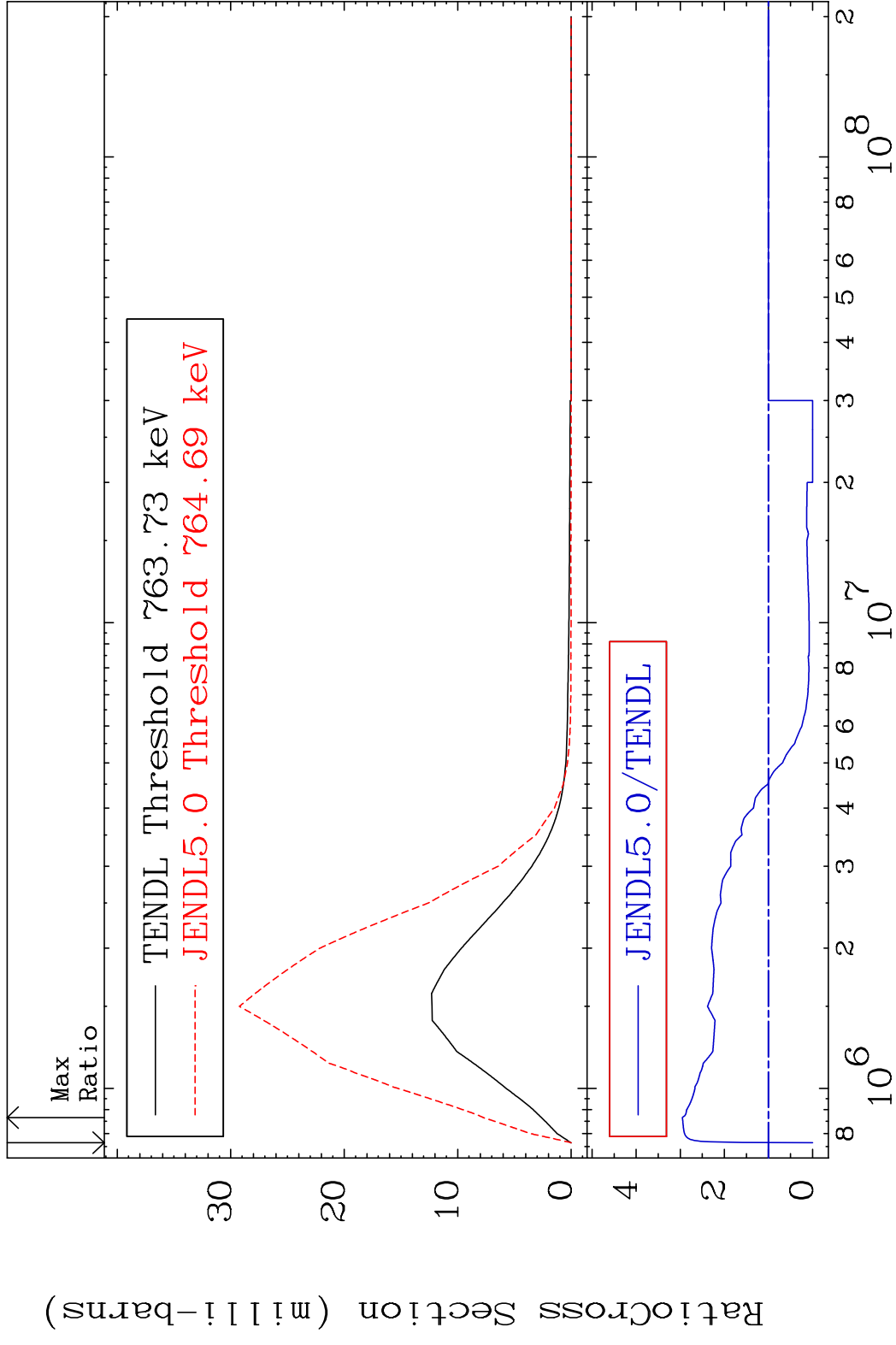


20 75-Re-183

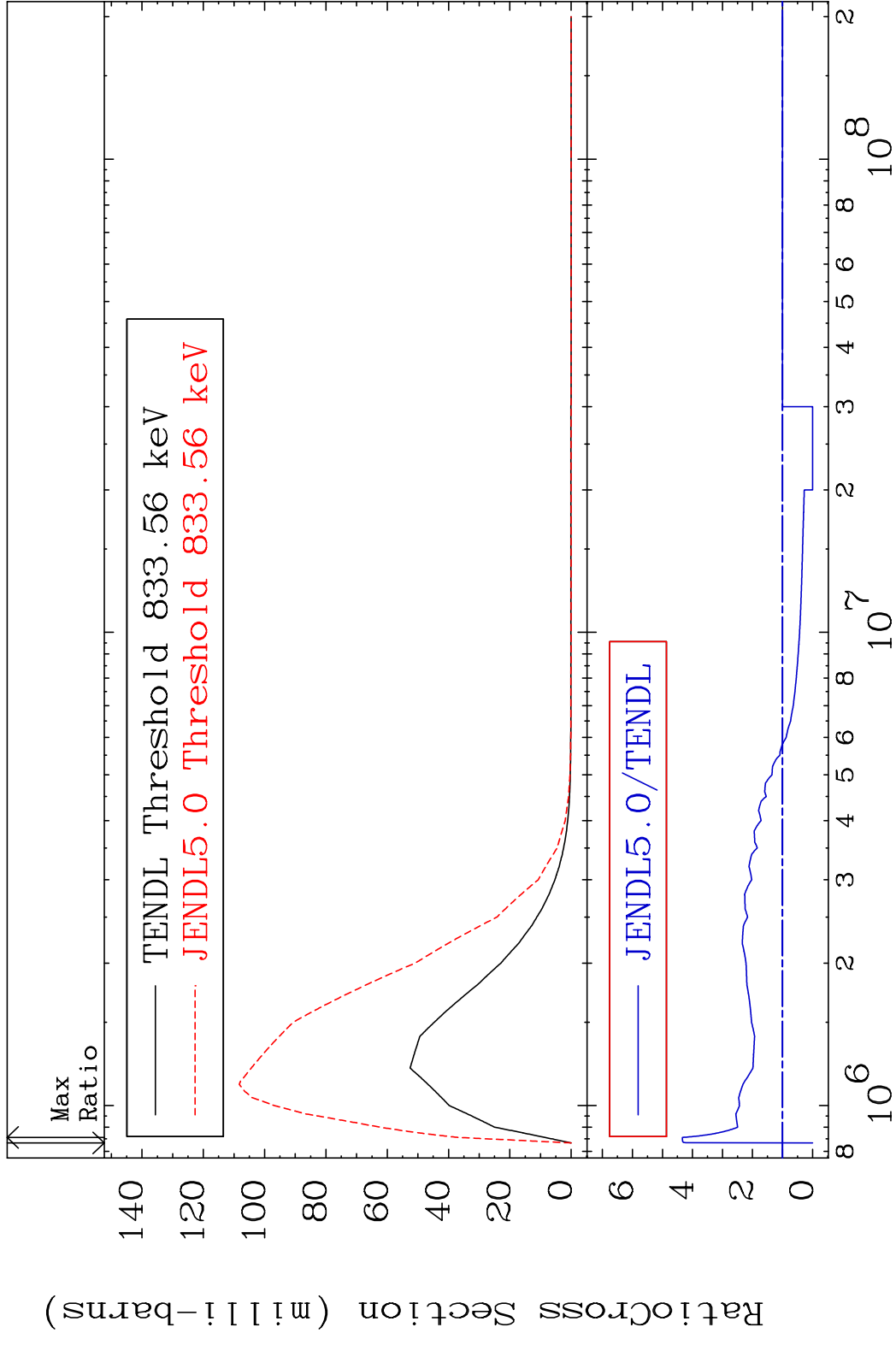
MAT 7519 MT= 59 (n,n') Level 75-Re-183
 Cross Section -100.0 To 218.8 %



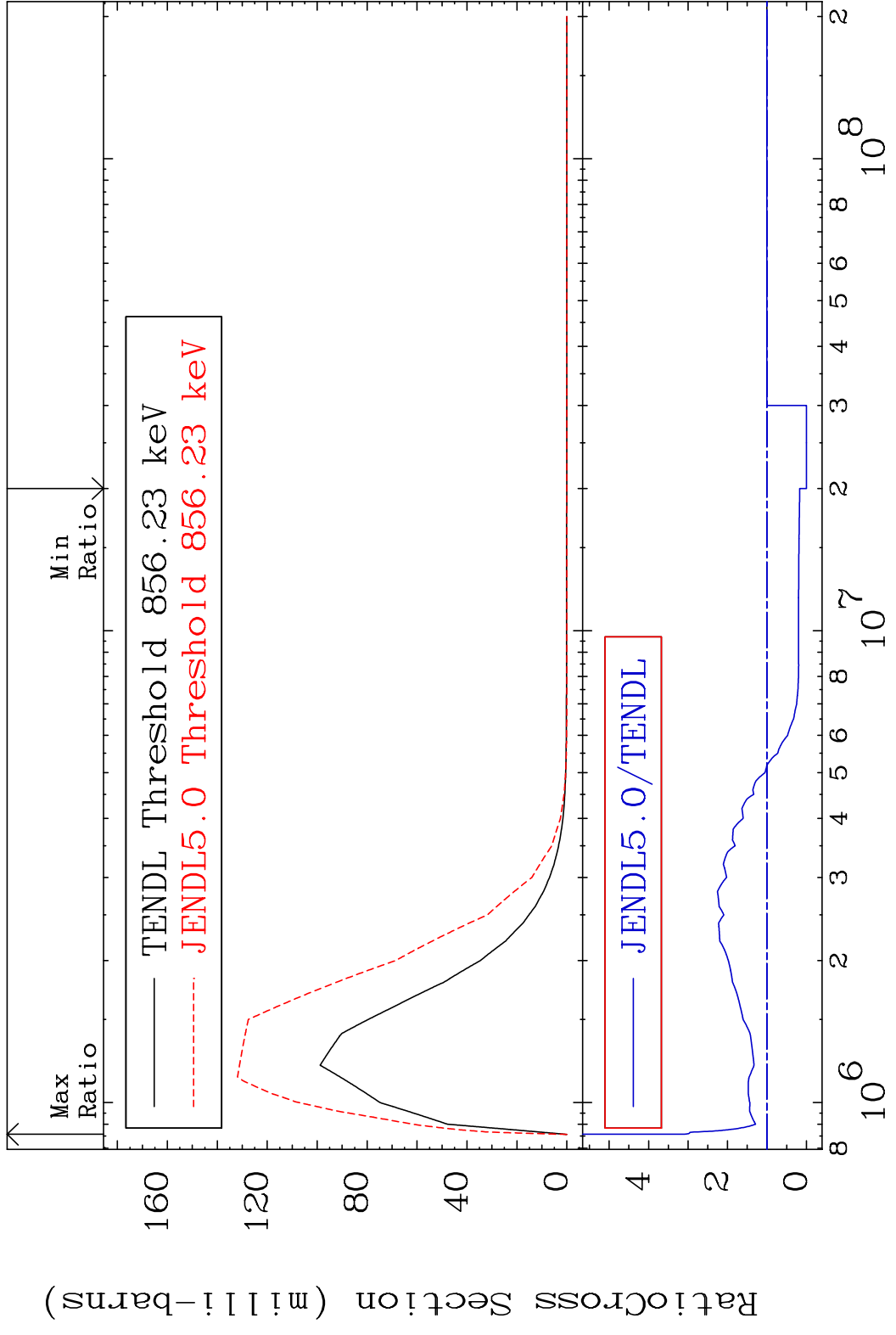
MAT 7519 MT= 60 (n, n') Level 75-Re-183
 Cross Section -100.0 To 195.3 %



MAT 7519 MT= 61 (n, n') Level 75-Re-183
 Cross Section -100.0 To 333.7 %

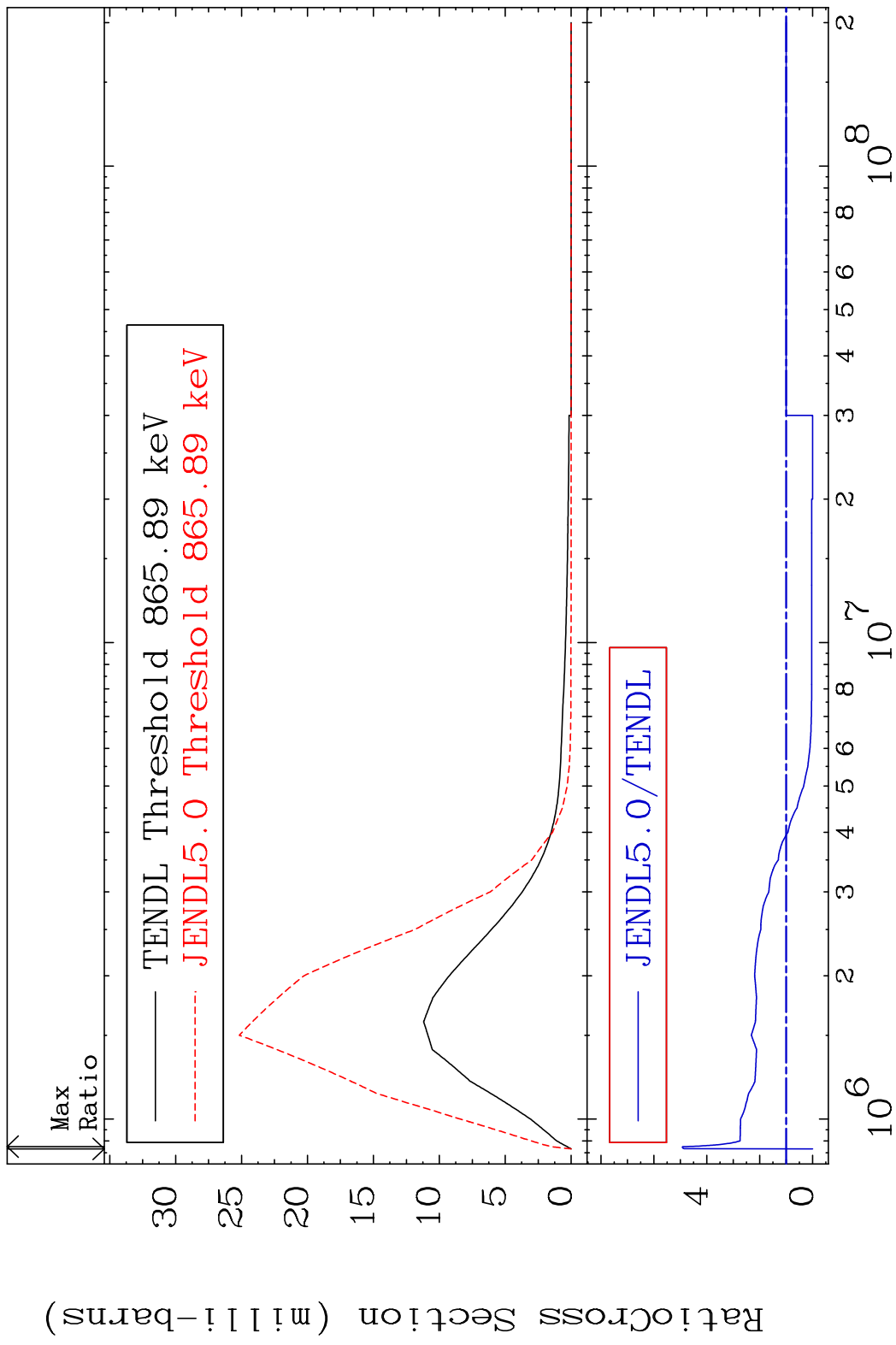


MAT 7519 MT= 62 (n, n') Level 75-Re-183
 Cross Section -100.0 To 227.5 %



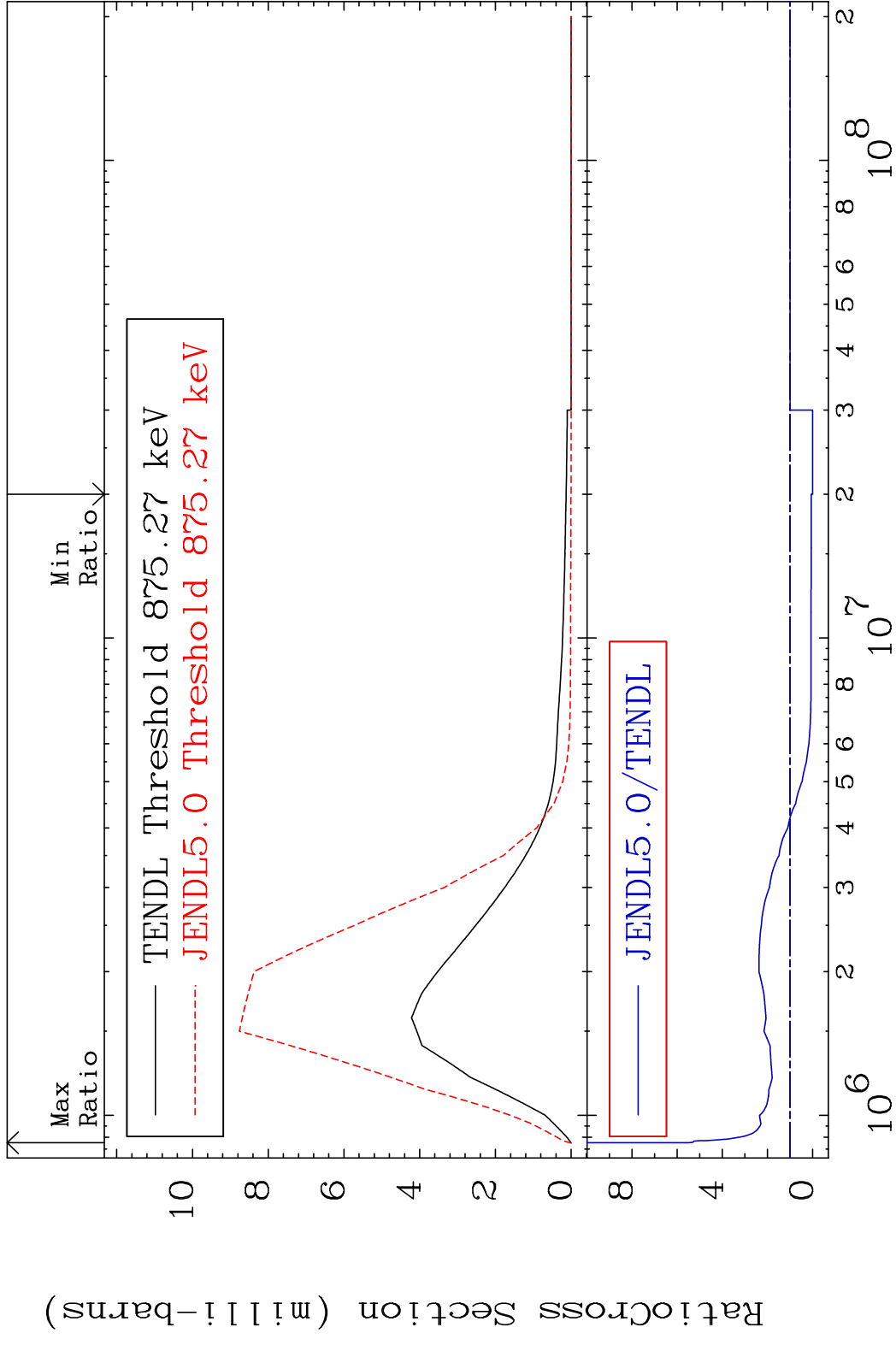
24 Incident Energy (eV) 75-Re-183

MAT 7519 MT= 63 (n, n') Level 75-Re-183
 Cross Section -100.0 To 392.6 %

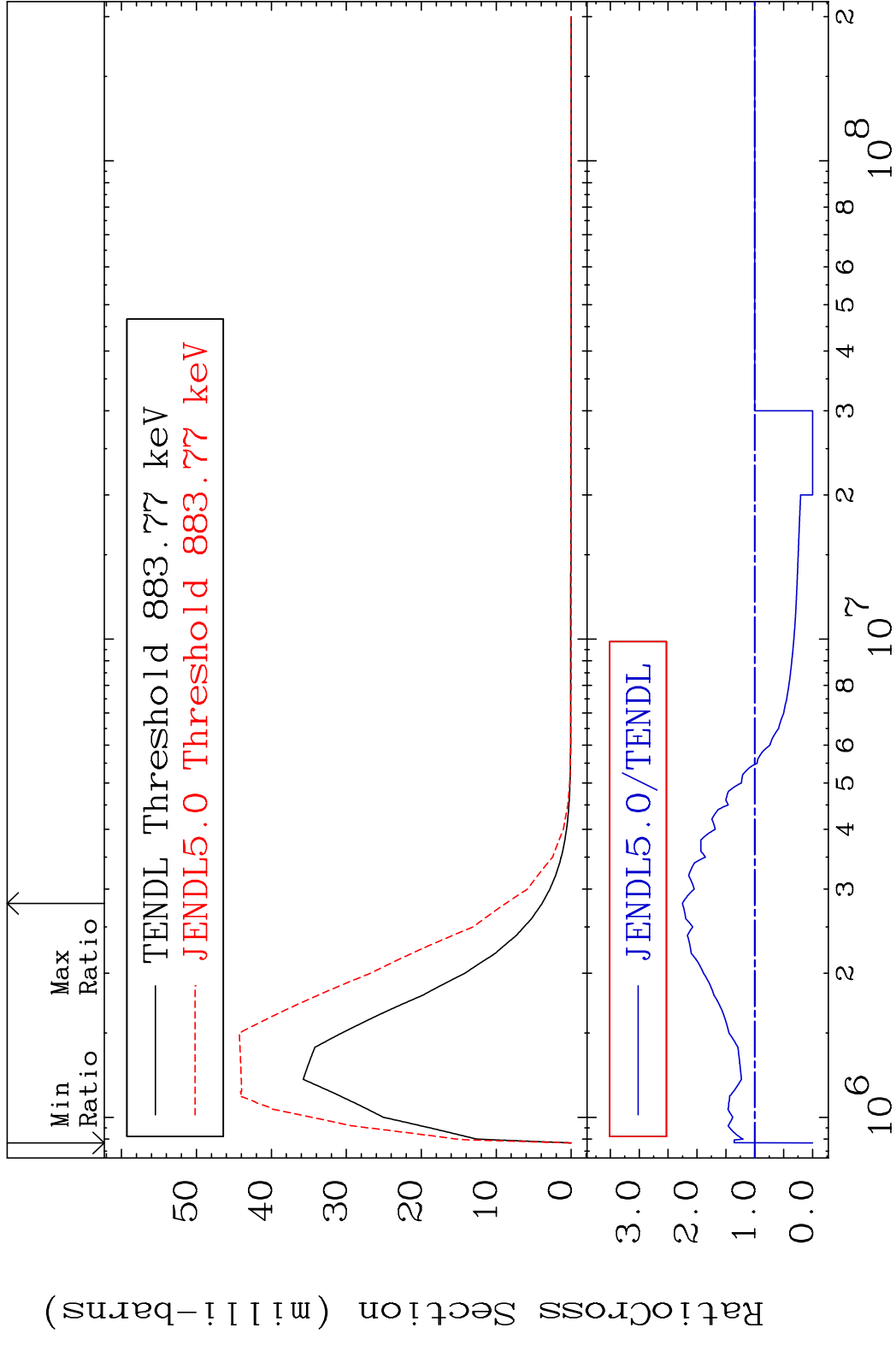


25 Incident Energy (eV) 75-Re-183

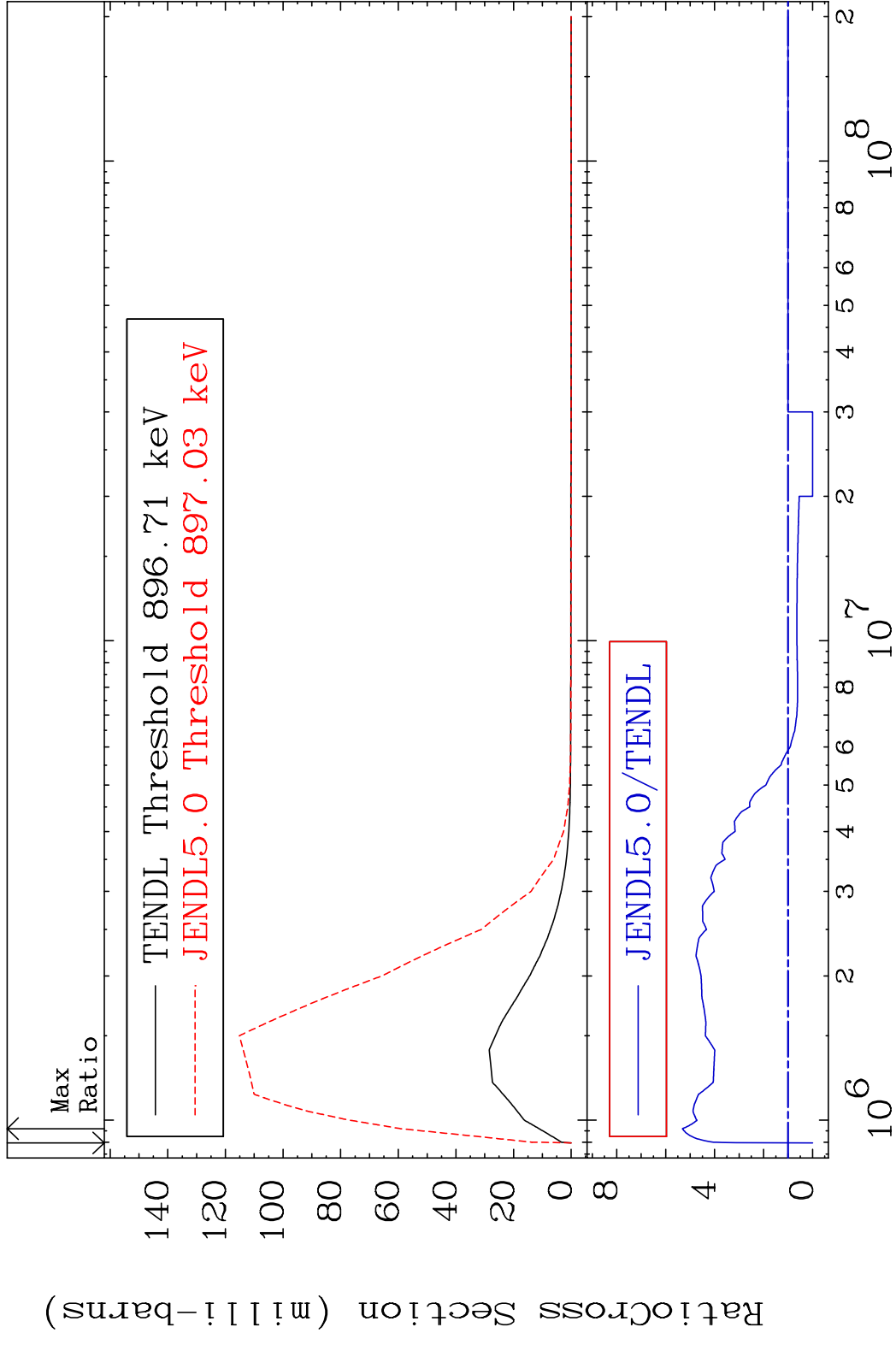
MAT 7519 MT= 64 (n, n') Level 75-Re-183
 Cross Section -100.0 To 476.7 %



MAT 7519 MT= 65 (n,n') Level 75-Re-183
 Cross Section -100.0 To 125.4 %

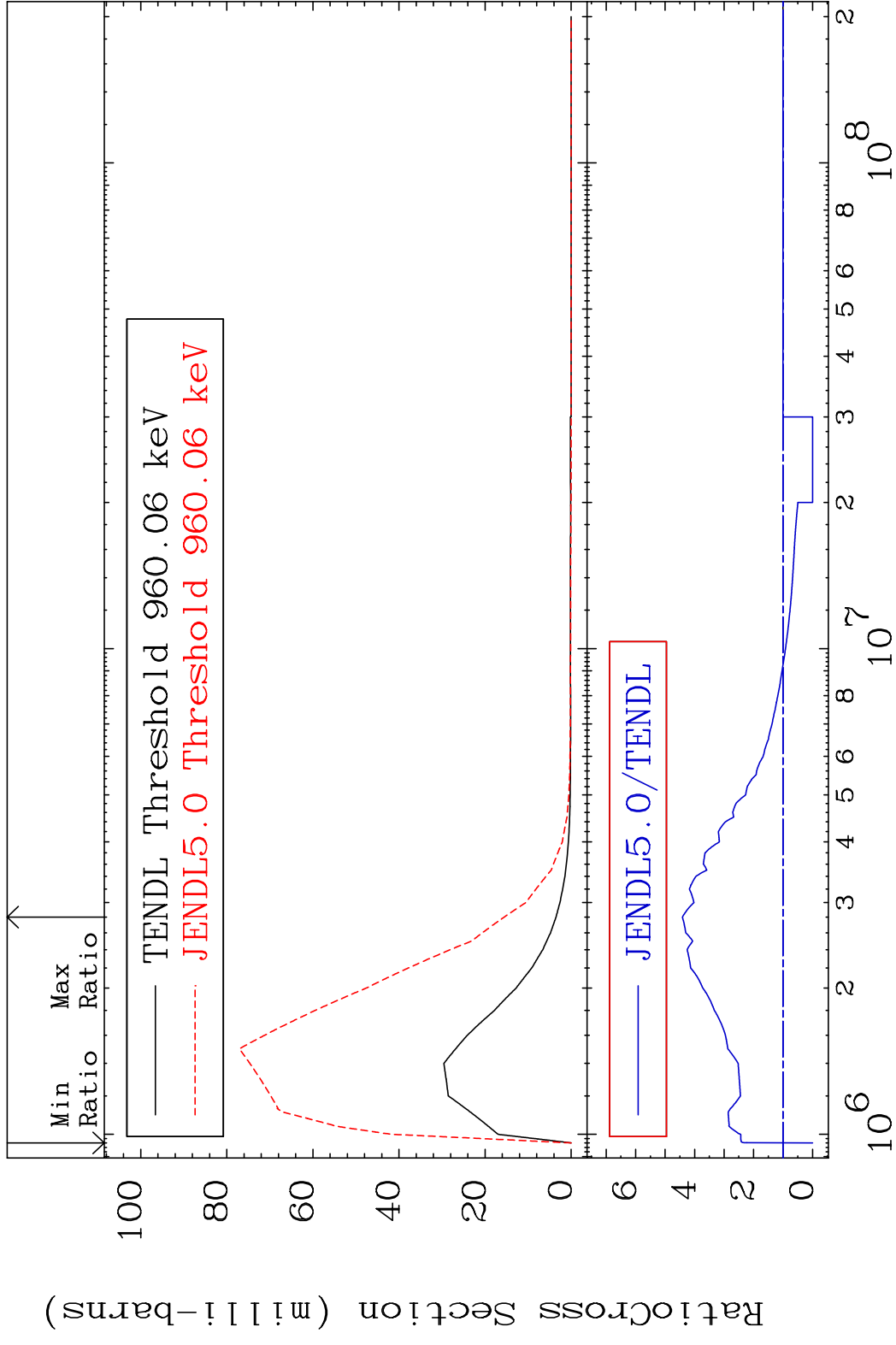


MAT 7519 MT= 66 (n, n') Level 75-Re-183
 Cross Section -100.0 To 431.8 %



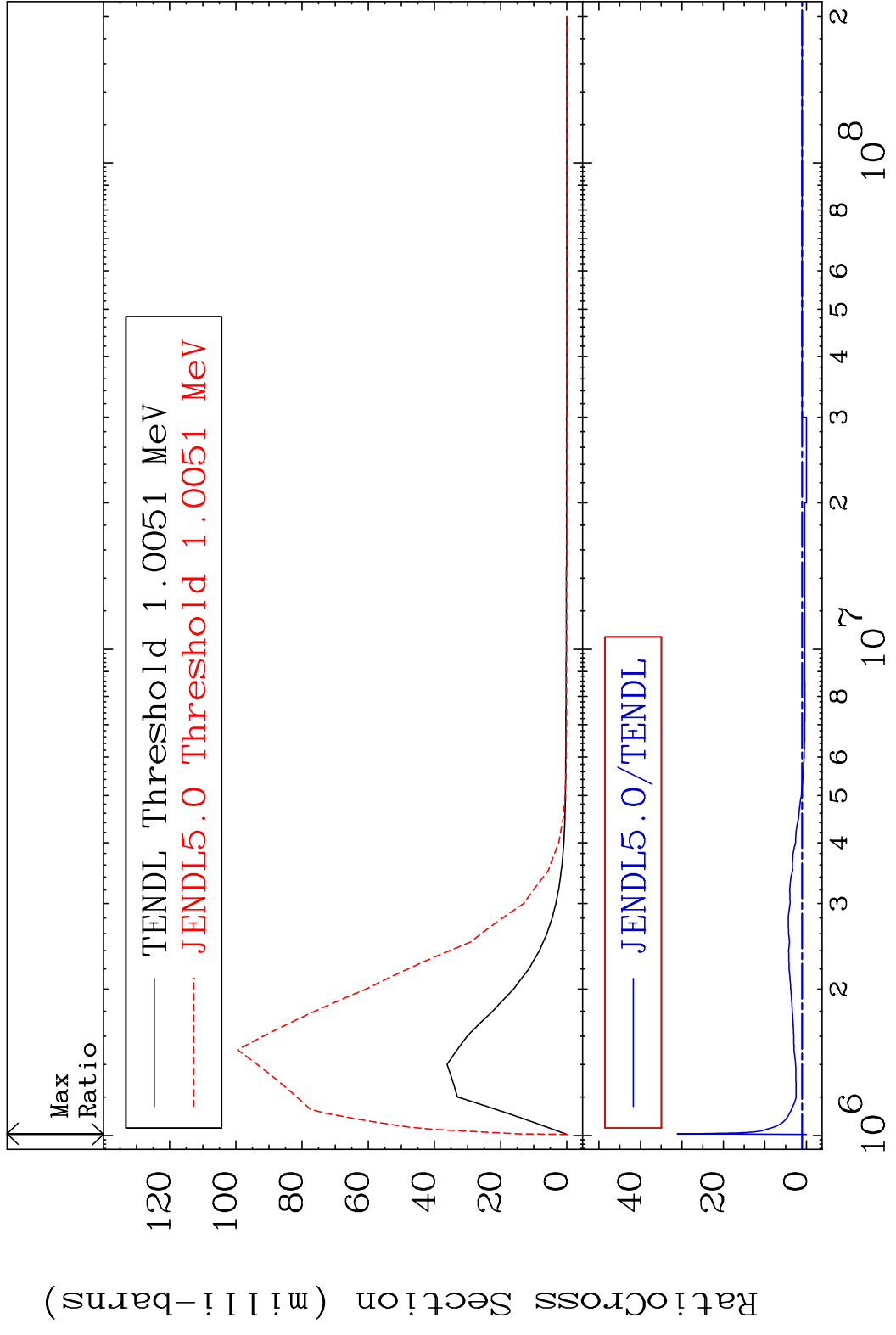
28 Incident Energy (eV) 75-Re-183

MAT 7519 MT= 67 (n, n') Level 75-Re-183
 Cross Section -100.0 To 341.5 %



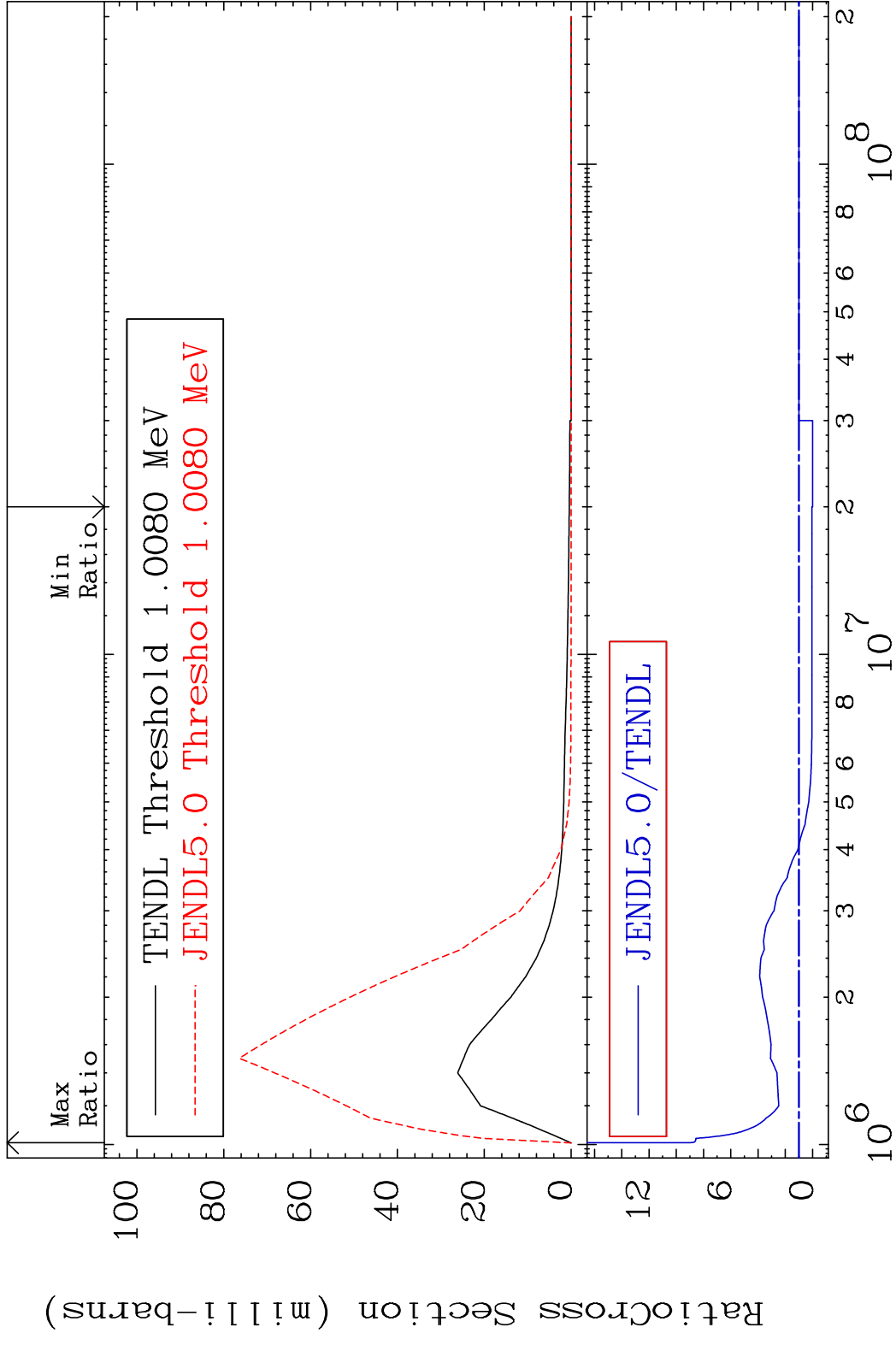
29 Incident Energy (eV) 75-Re-183

MAT 7519 MT= 68 (n, n') Level 75-Re-183
 Cross Section -100.0 To 3015. %

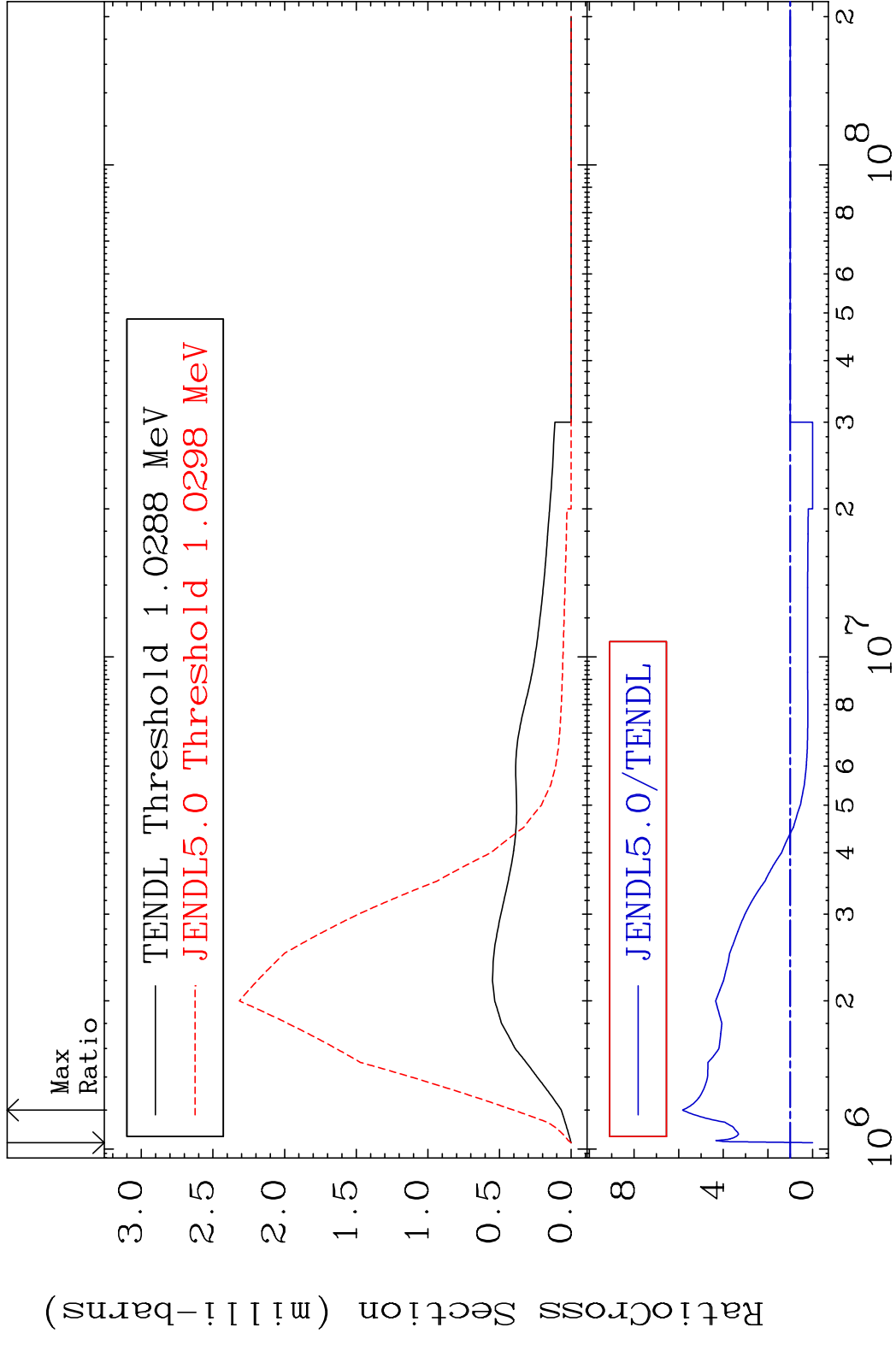


30 Incident Energy (eV) 75-Re-183

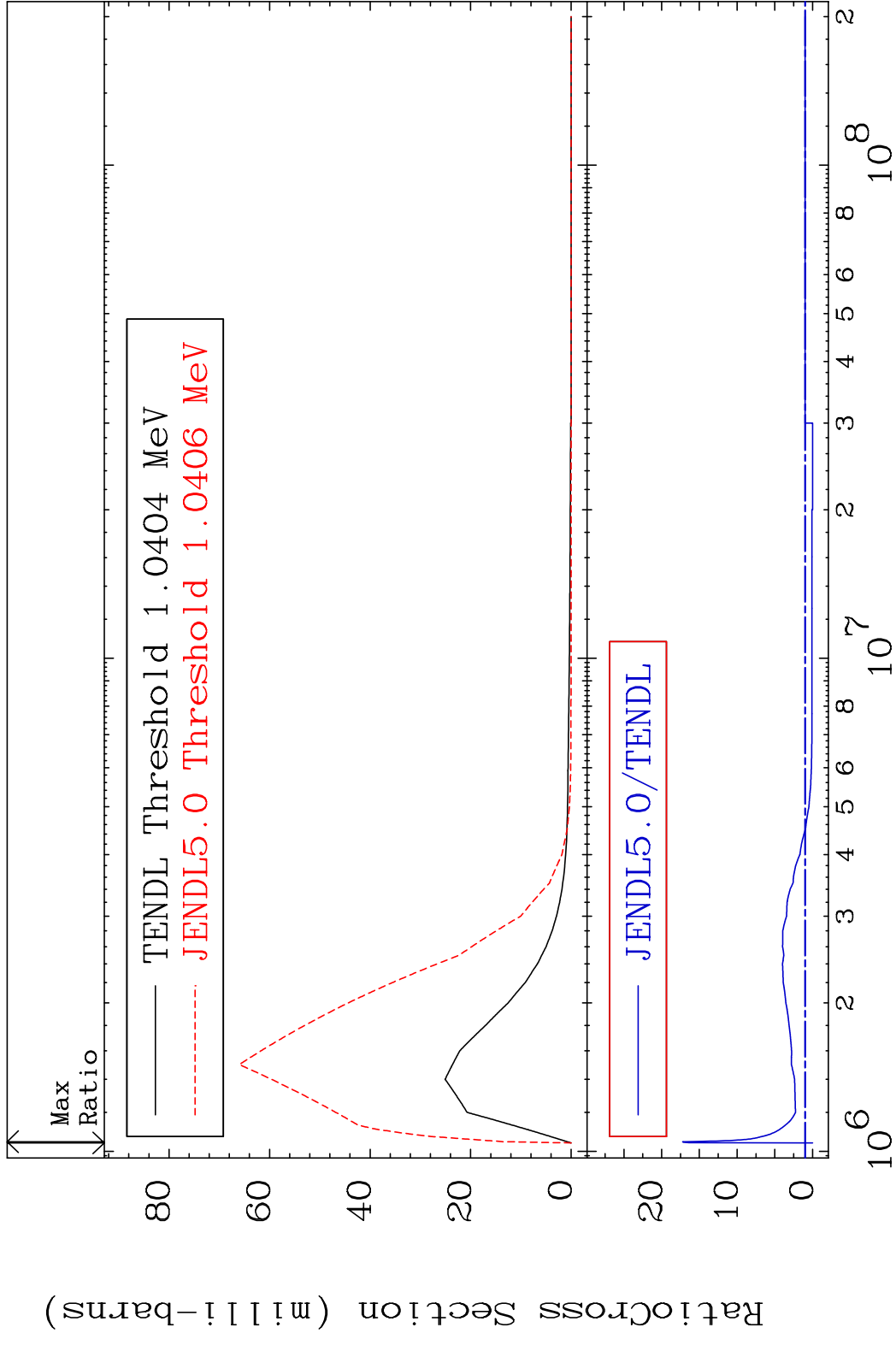
MAT 7519 MT= 69 (n, n') Level 75-Re-183
 Cross Section -100.0 To 855.4 %



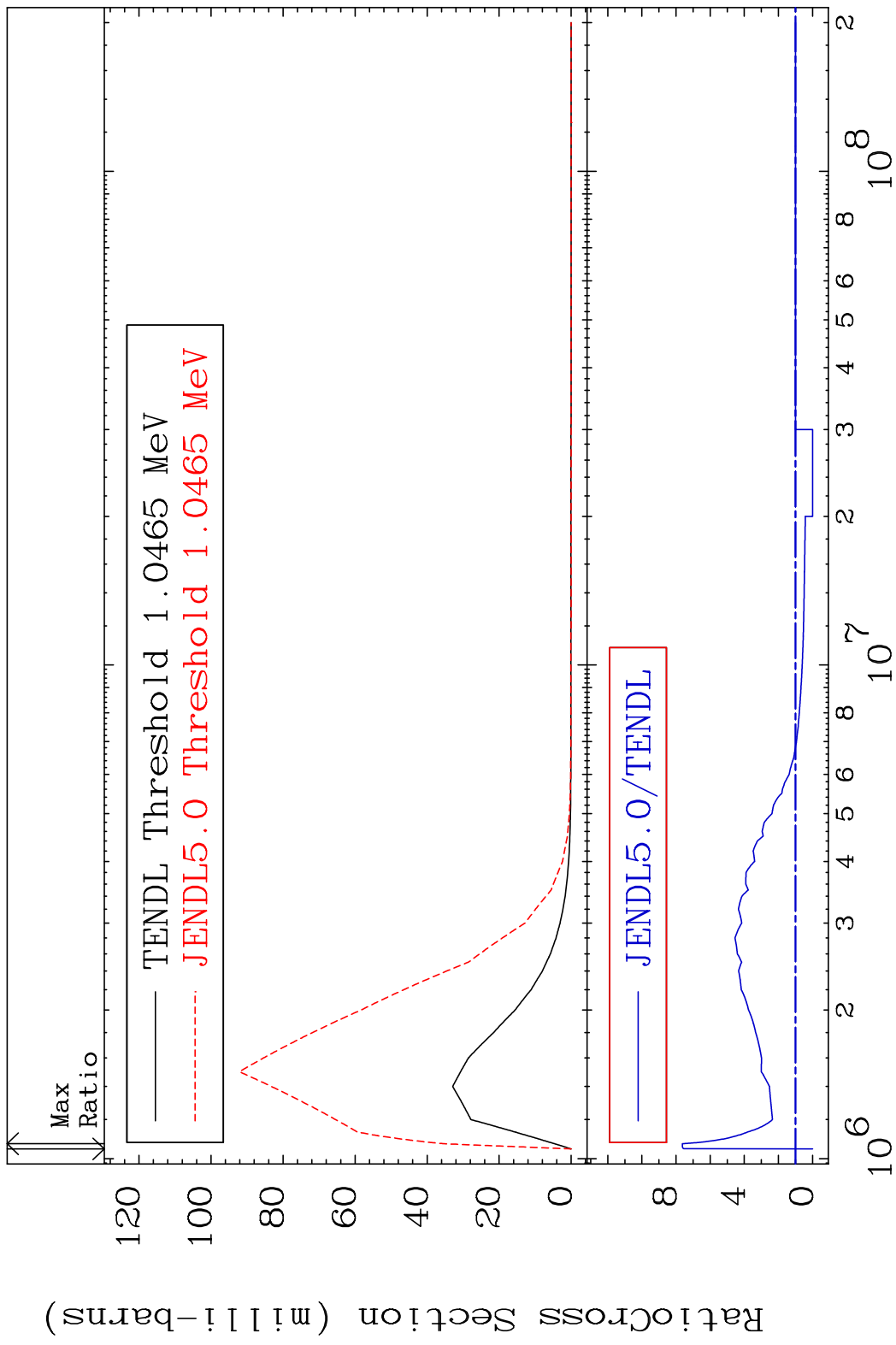
MAT 7519 MT= 70 (n, n') Level 75-Re-183
 Cross Section -100.0 To 483.5 %



MAT 7519 MT= 71 (n,n') Level 75-Re-183
 Cross Section -100.0 To 1625. %

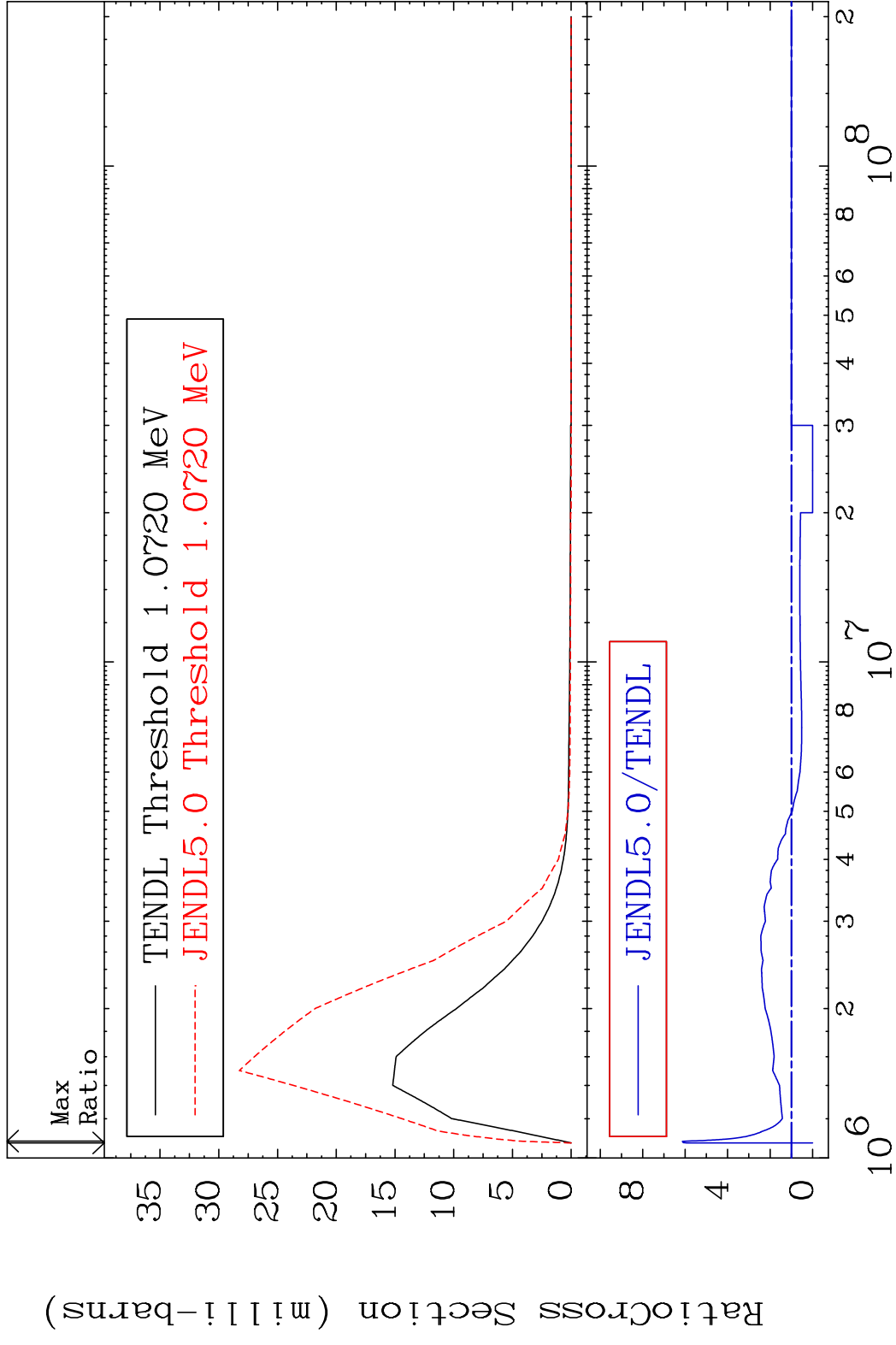


MAT 7519 MT= 72 (n, n') Level 75-Re-183
 Cross Section -100.0 To 662.9 %



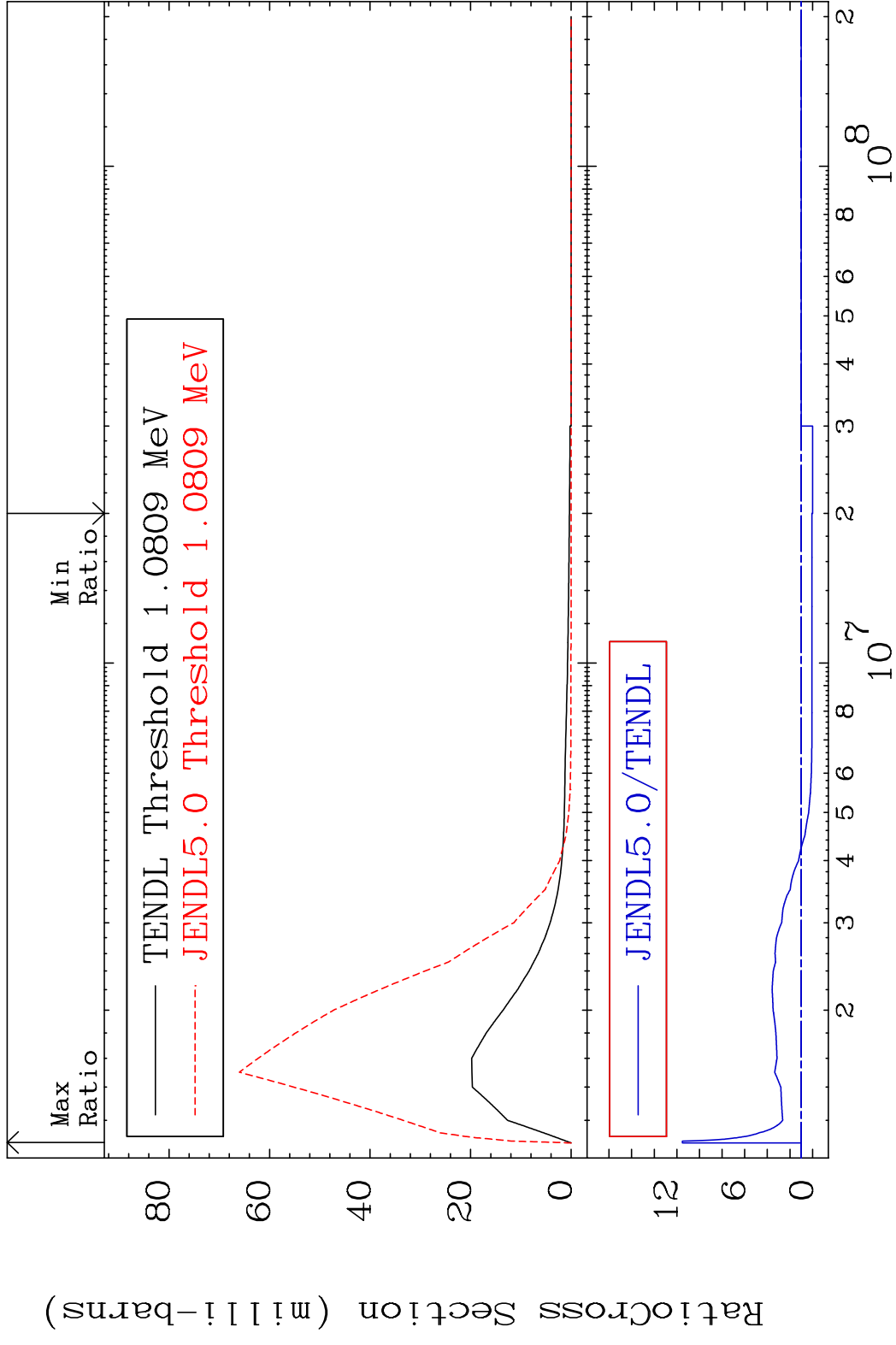
34 Incident Energy (eV) 75-Re-183

MAT 7519 MT= 73 (n, n') Level 75-Re-183
 Cross Section -100.0 To 513.3 %

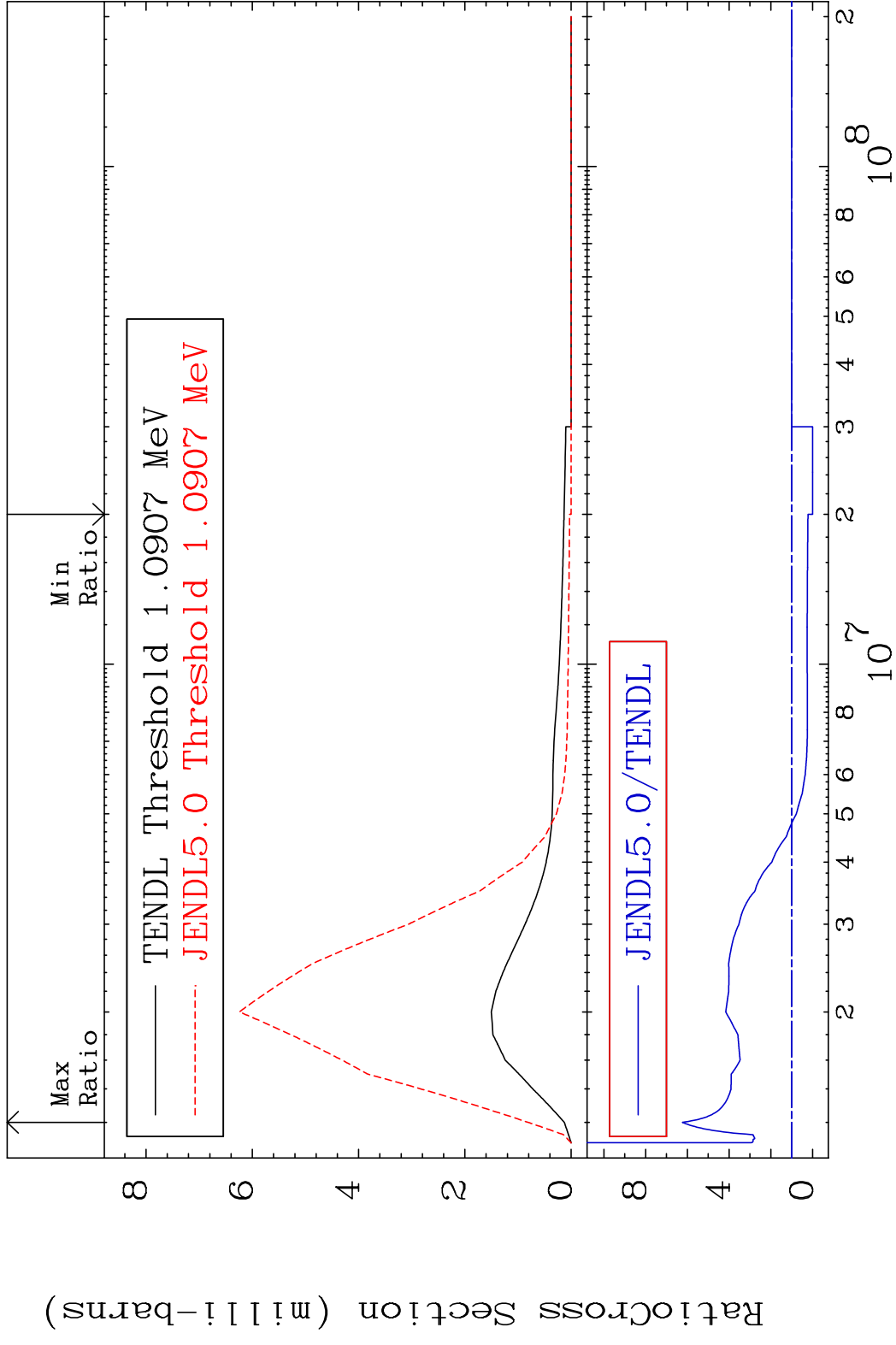


35 Incident Energy (eV) 75-Re-183

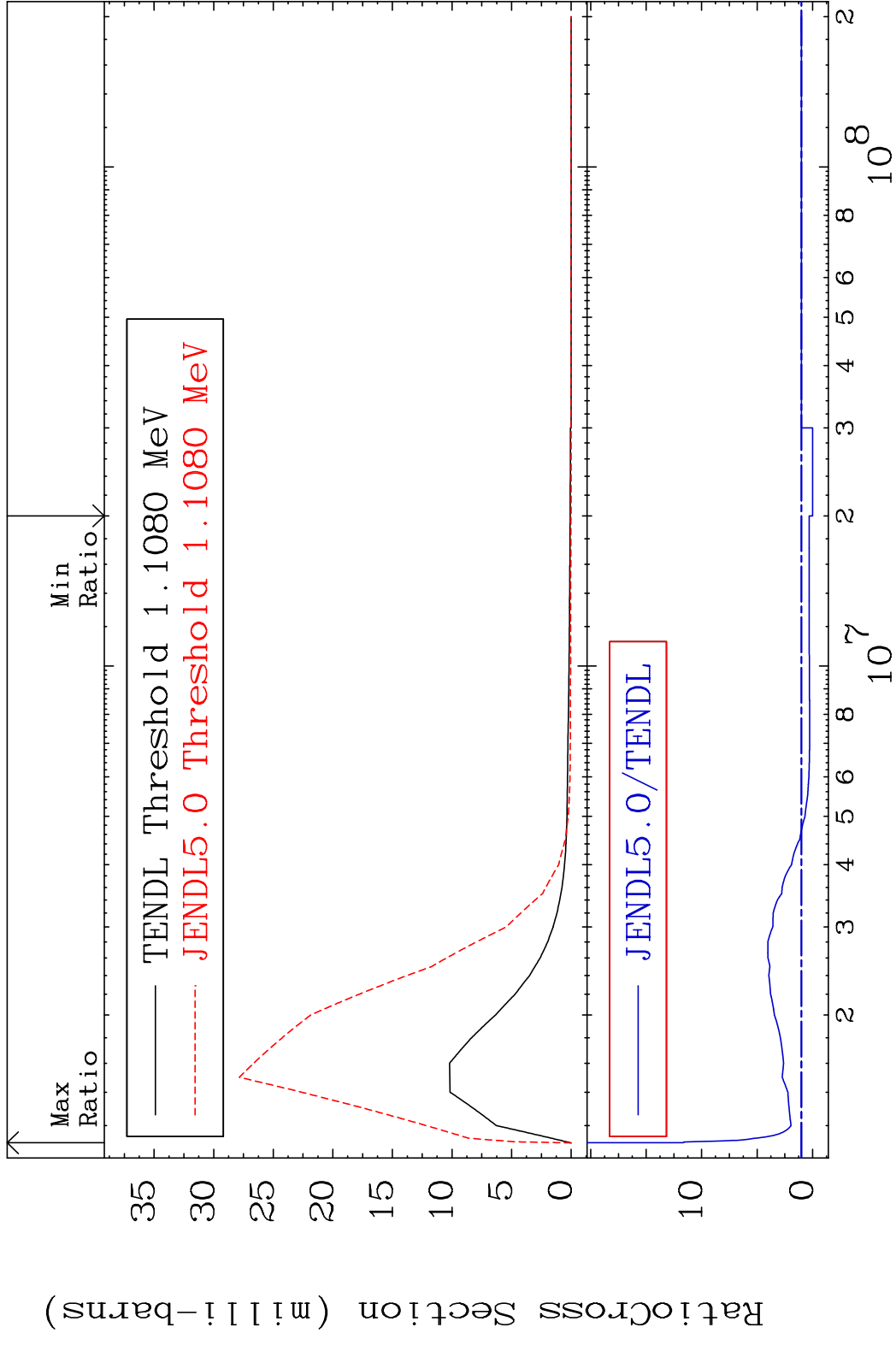
MAT 7519 MT= 74 (n, n') Level 75-Re-183
 Cross Section -100.0 To 1051. %



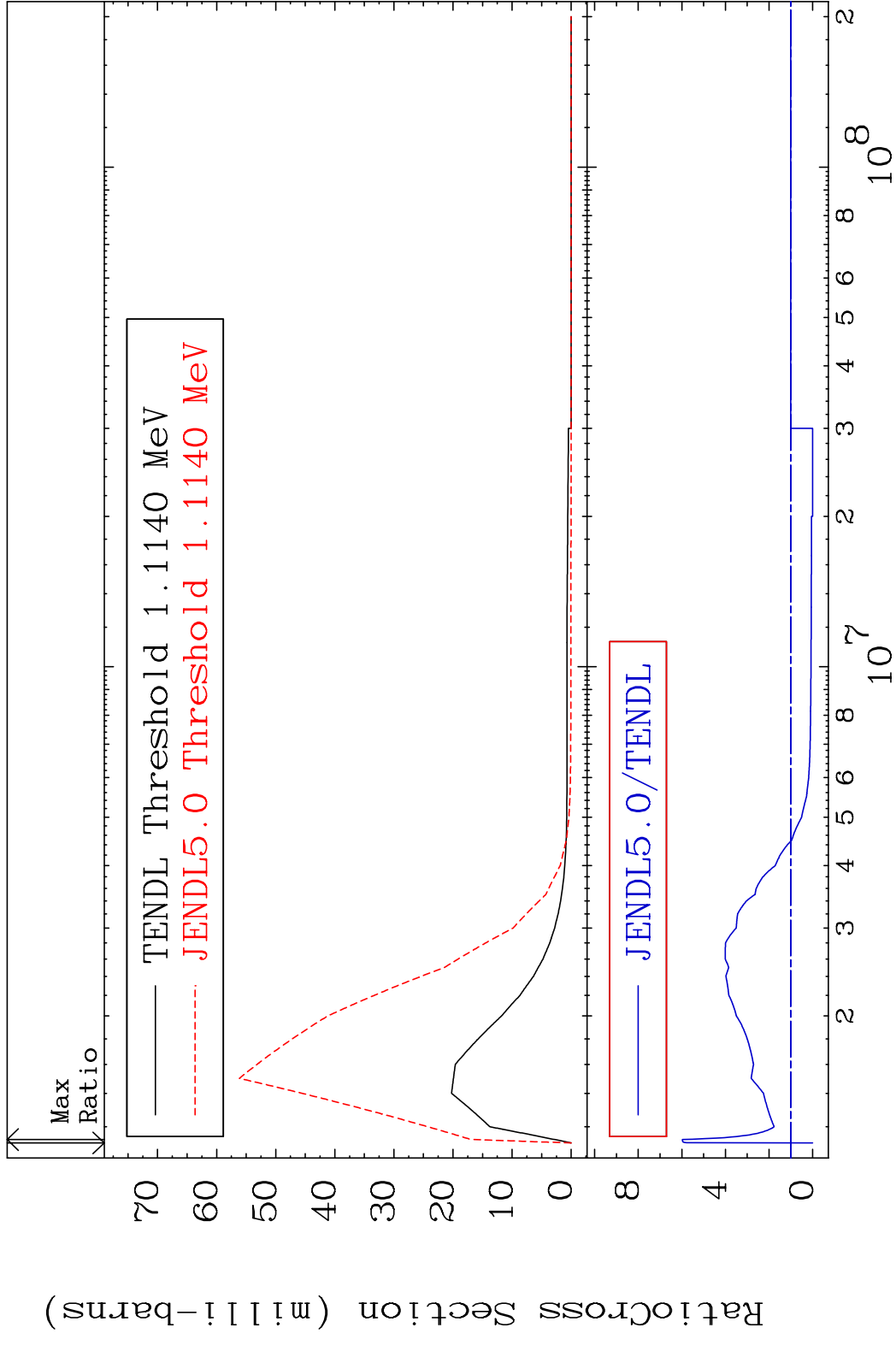
MAT 7519 MT= 75 (n, n') Level 75-Re-183
 Cross Section -100.0 To 524.1 %



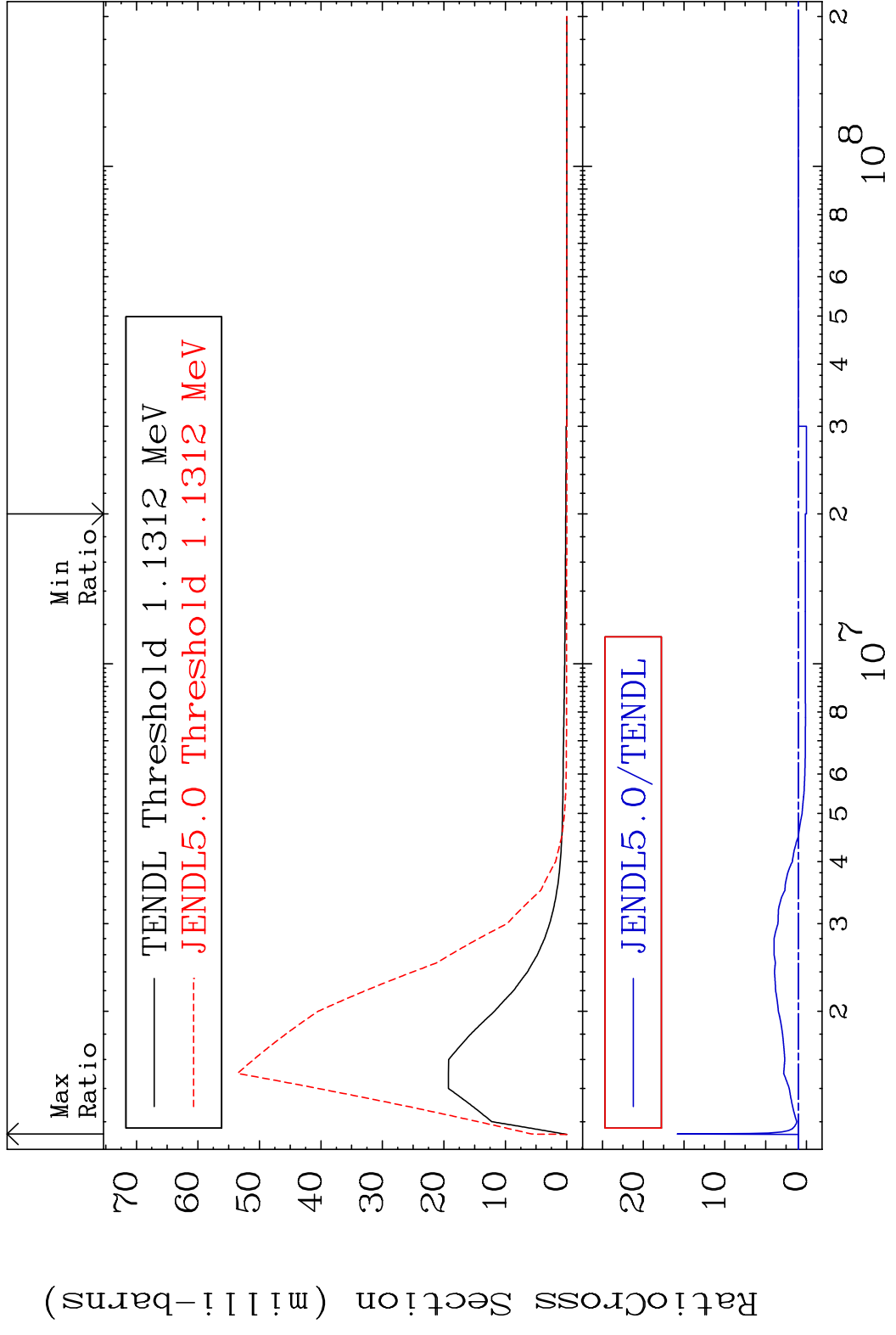
MAT 7519 MT= 76 (n, n') Level 75-Re-183
 Cross Section -100.0 To 1074. %



MAT 7519 MT= 77 (n, n') Level 75-Re-183
 Cross Section -100.0 To 497.6 %



MAT 7519 MT= 78 (n, n') Level 75-Re-183
 Cross Section -100.0 To 1484. %

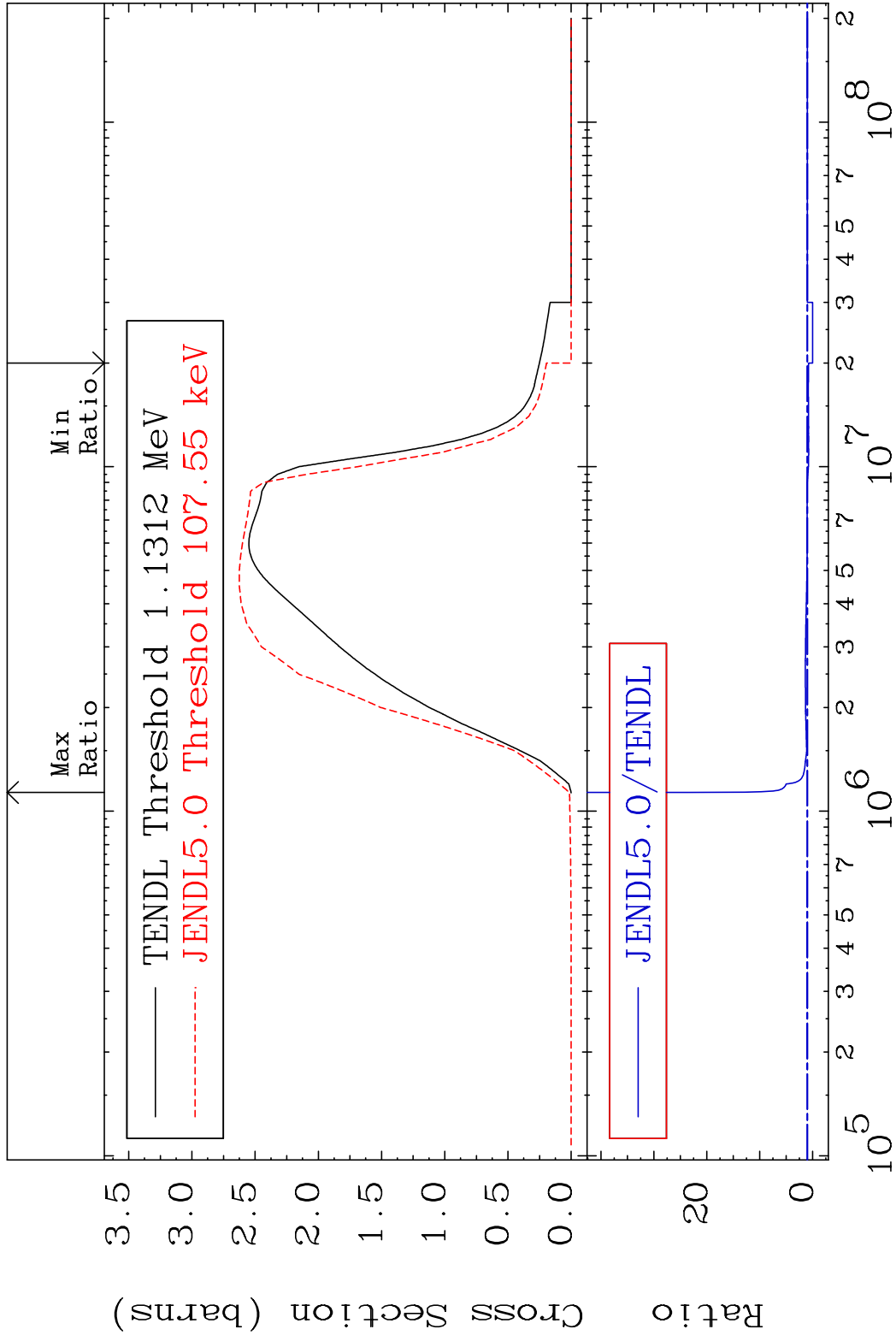


MAT 7519

(n, n') Continuum

75-Re-183

Cross Section -100.0 To 2361. %



41

Incident Energy (eV)

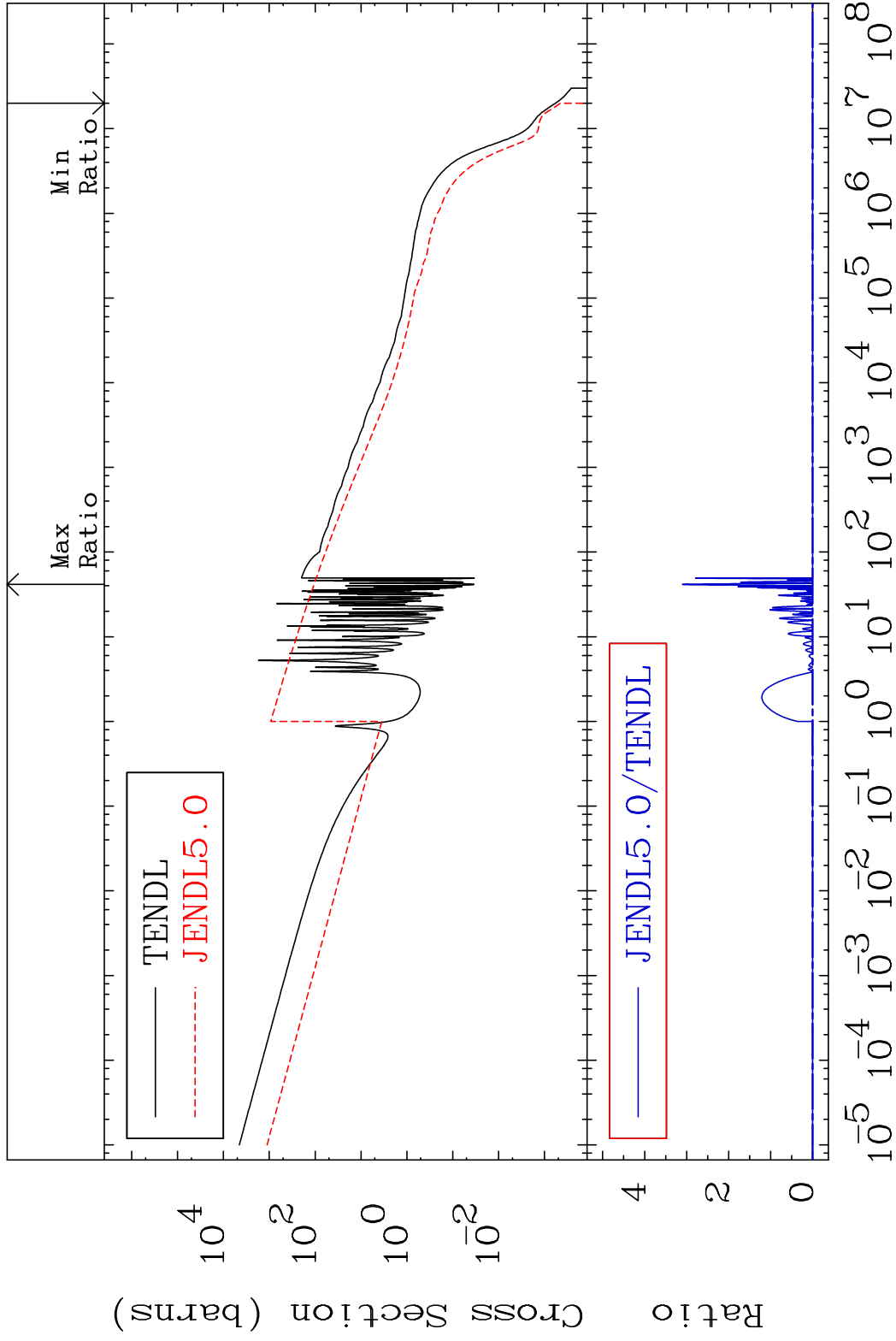
75-Re-183

MAT 7519

(n, γ)

75-Re-183

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

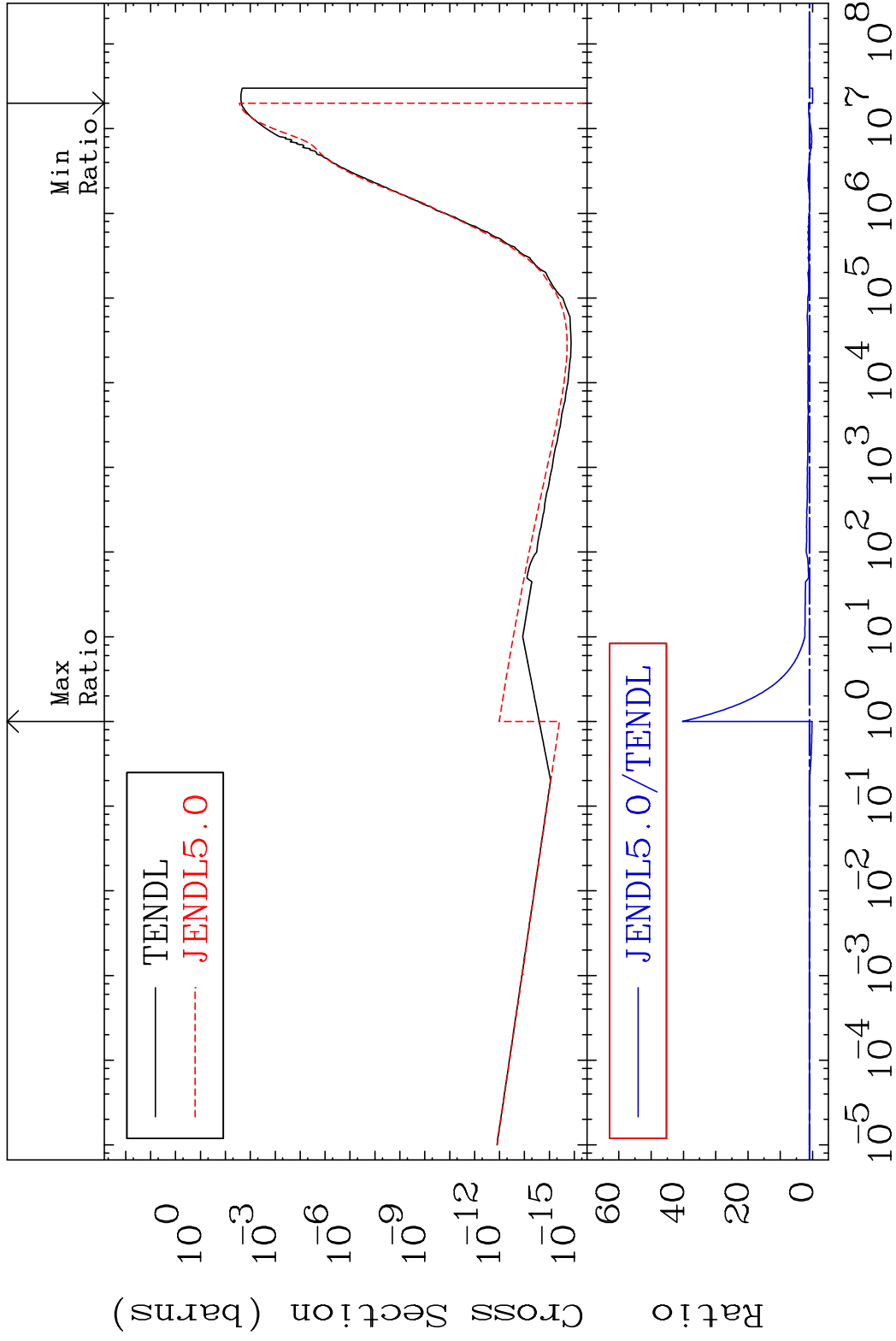
75-Re-183

MAT 7519

(n, p)

75-Re-183

Cross Section -100.0 To 3933. %



43

Incident Energy (eV)

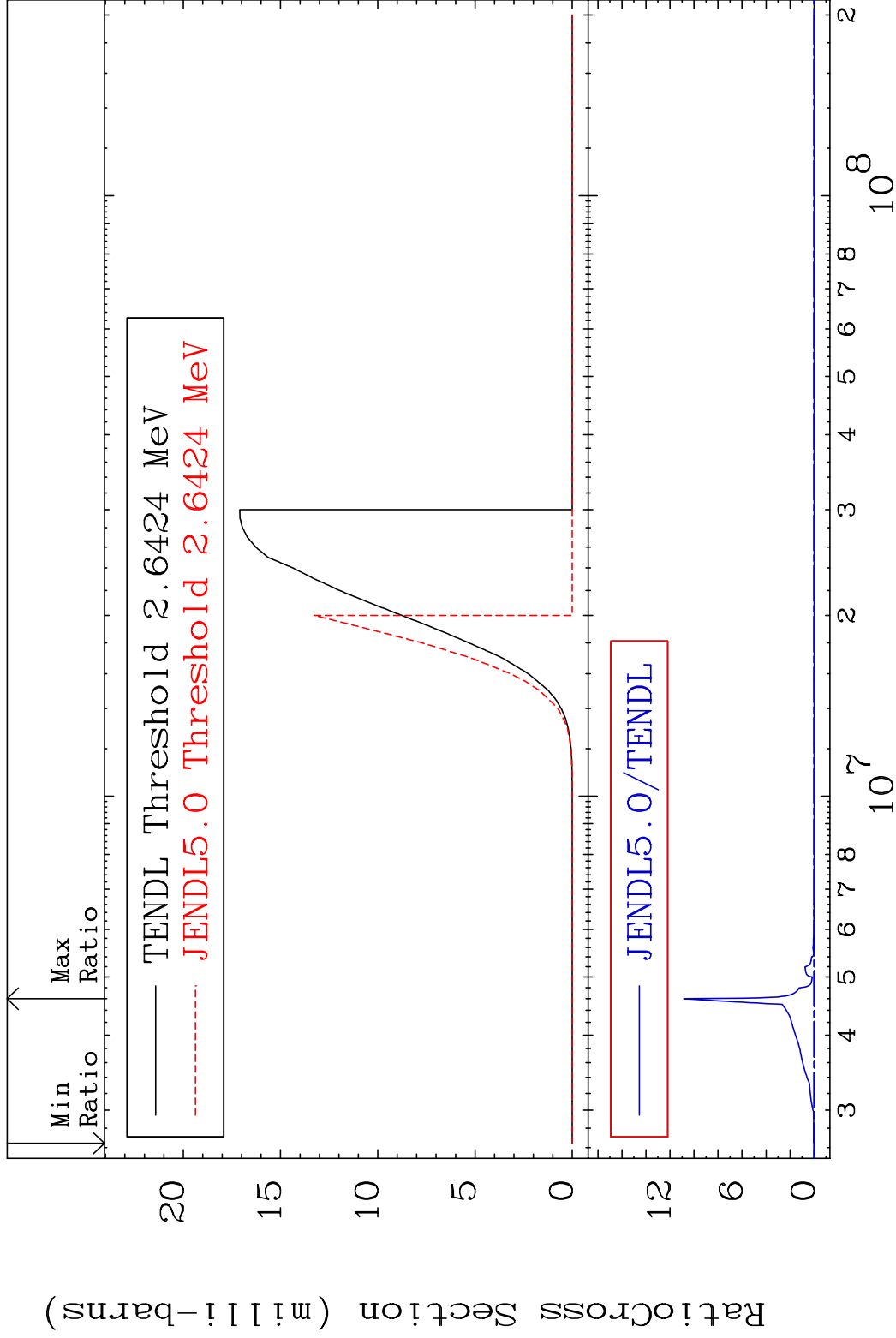
75-Re-183

MAT 7519

(n,d)

75-Re-183

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

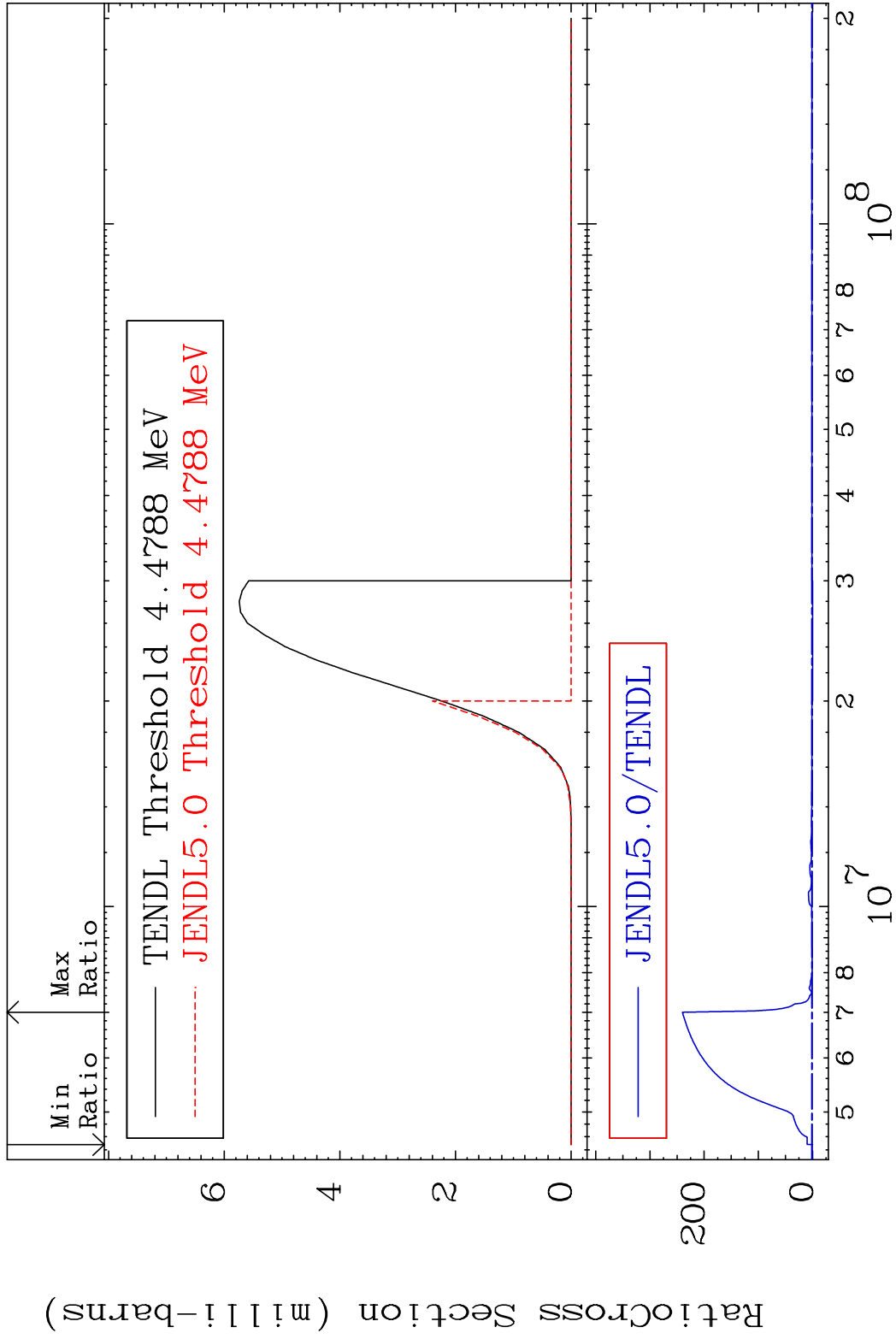
75-Re-183

MAT 7519

(n, t)

75-Re-183

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

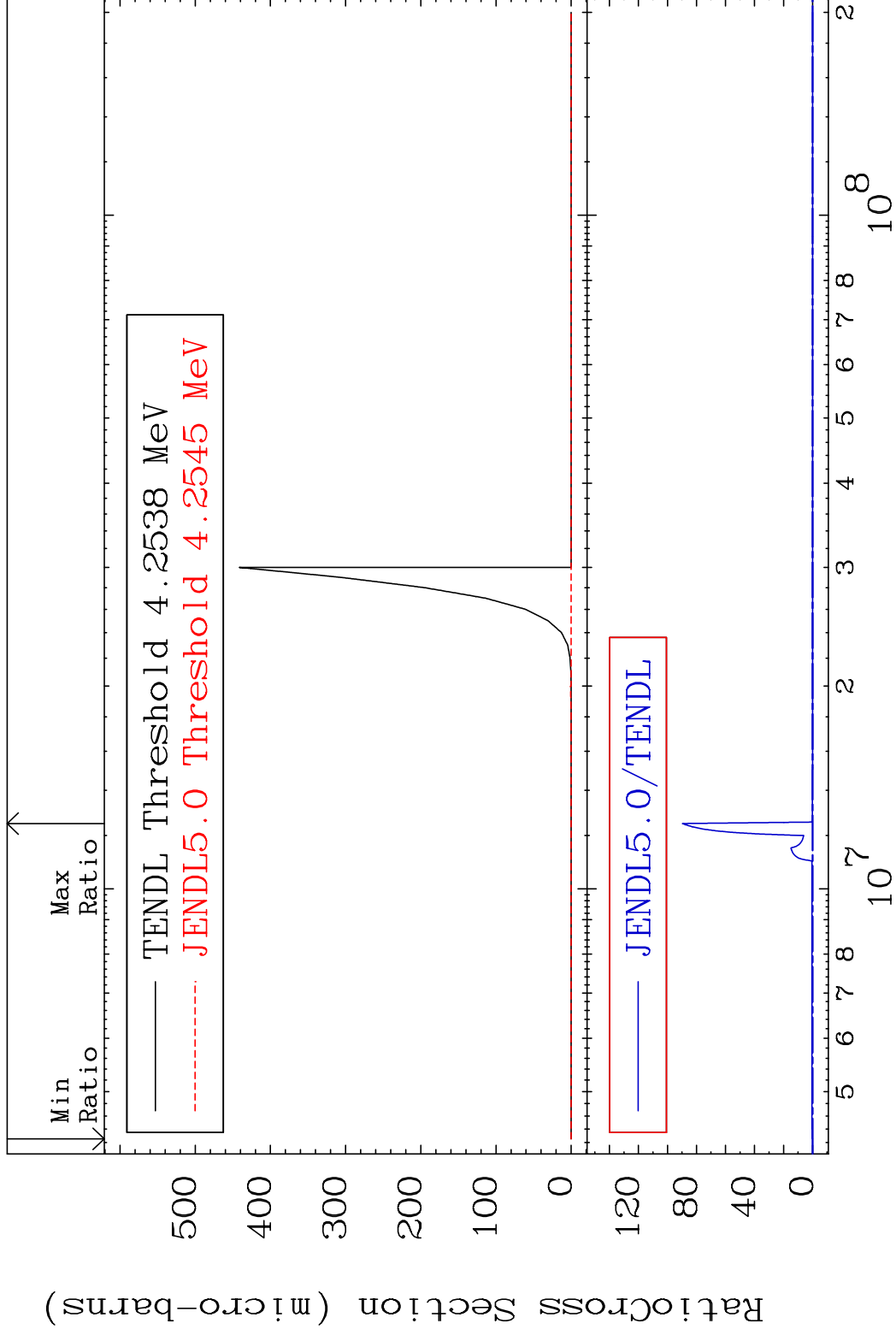
75-Re-183

MAT 7519

(n, He-3)

75-Re-183

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

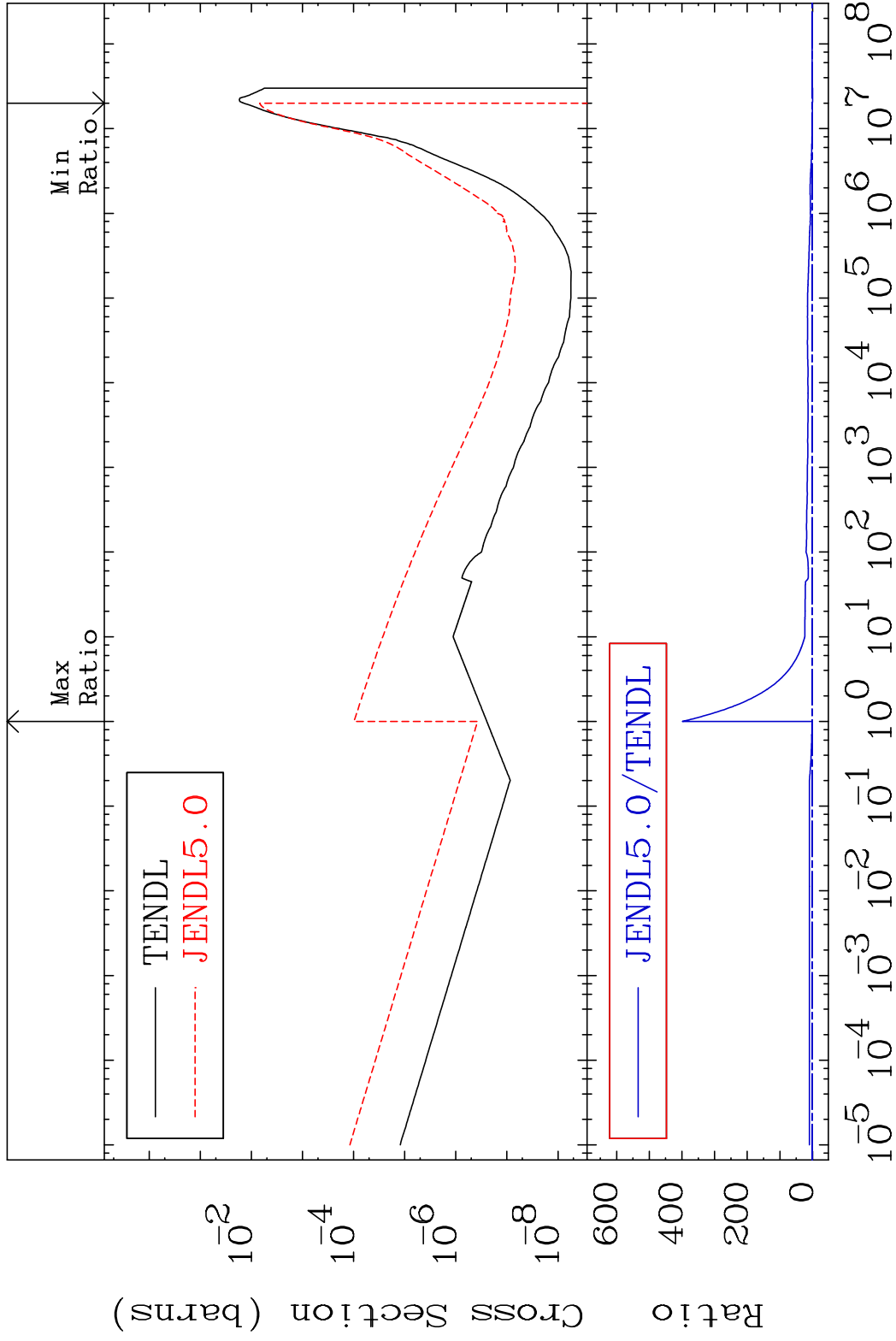
75-Re-183

MAT 7519

(n, α)

75-Re-183

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

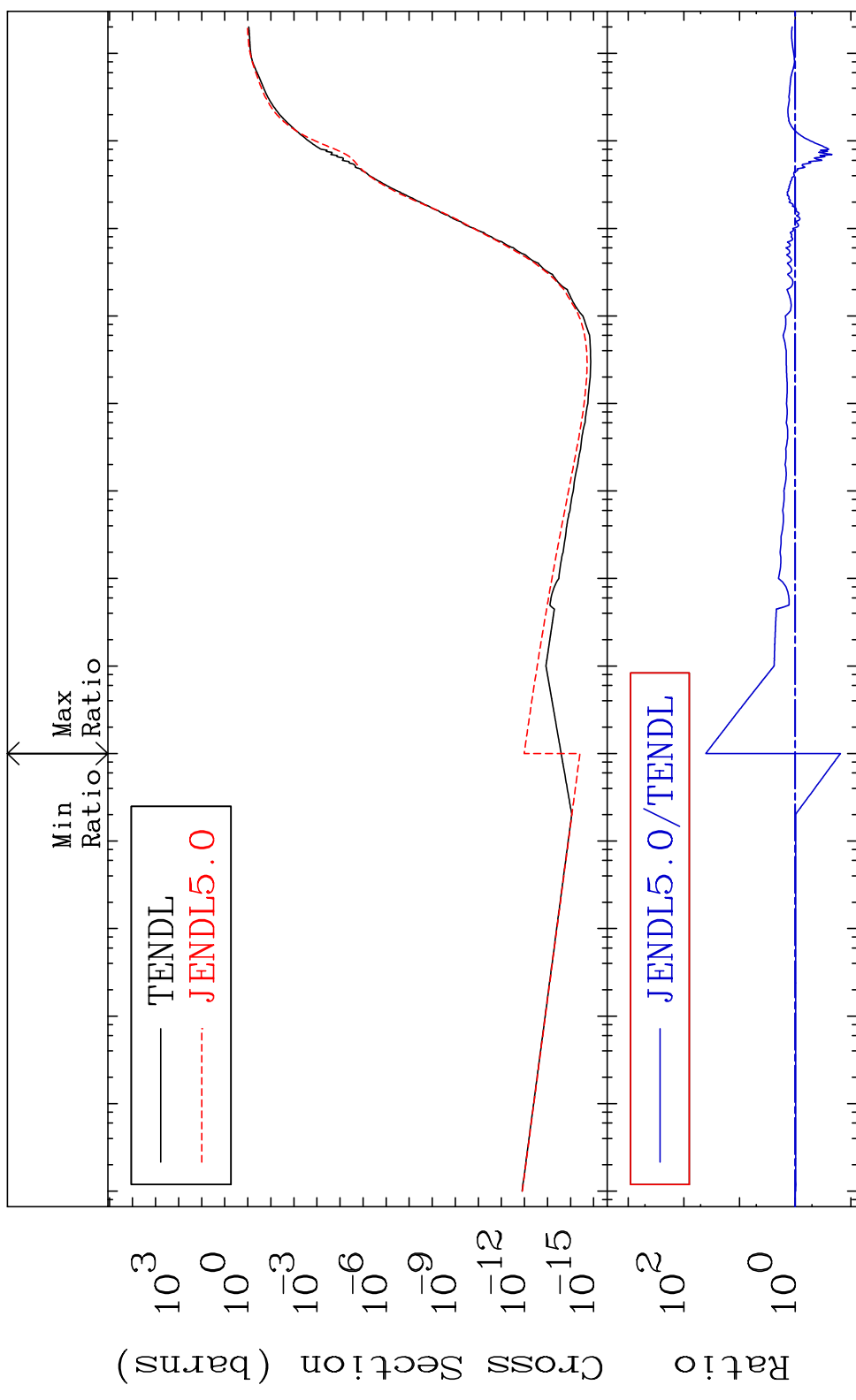
75-Re-183

MAT 7519

Hydrogen Production

75-Re-183

Cross Section -84.65 To 3933. %

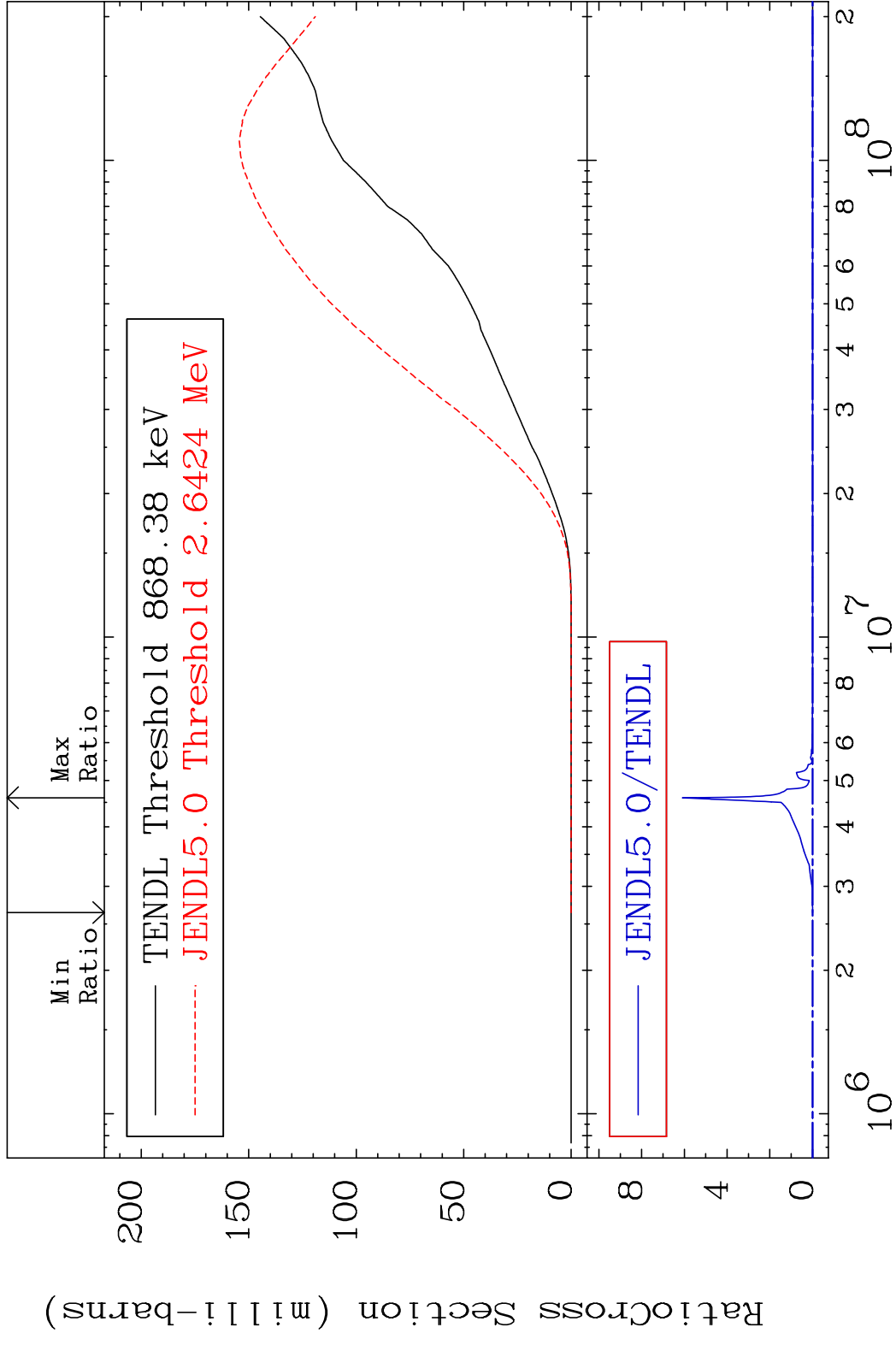


MAT 7519

Deuterium Production

75-Re-183

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

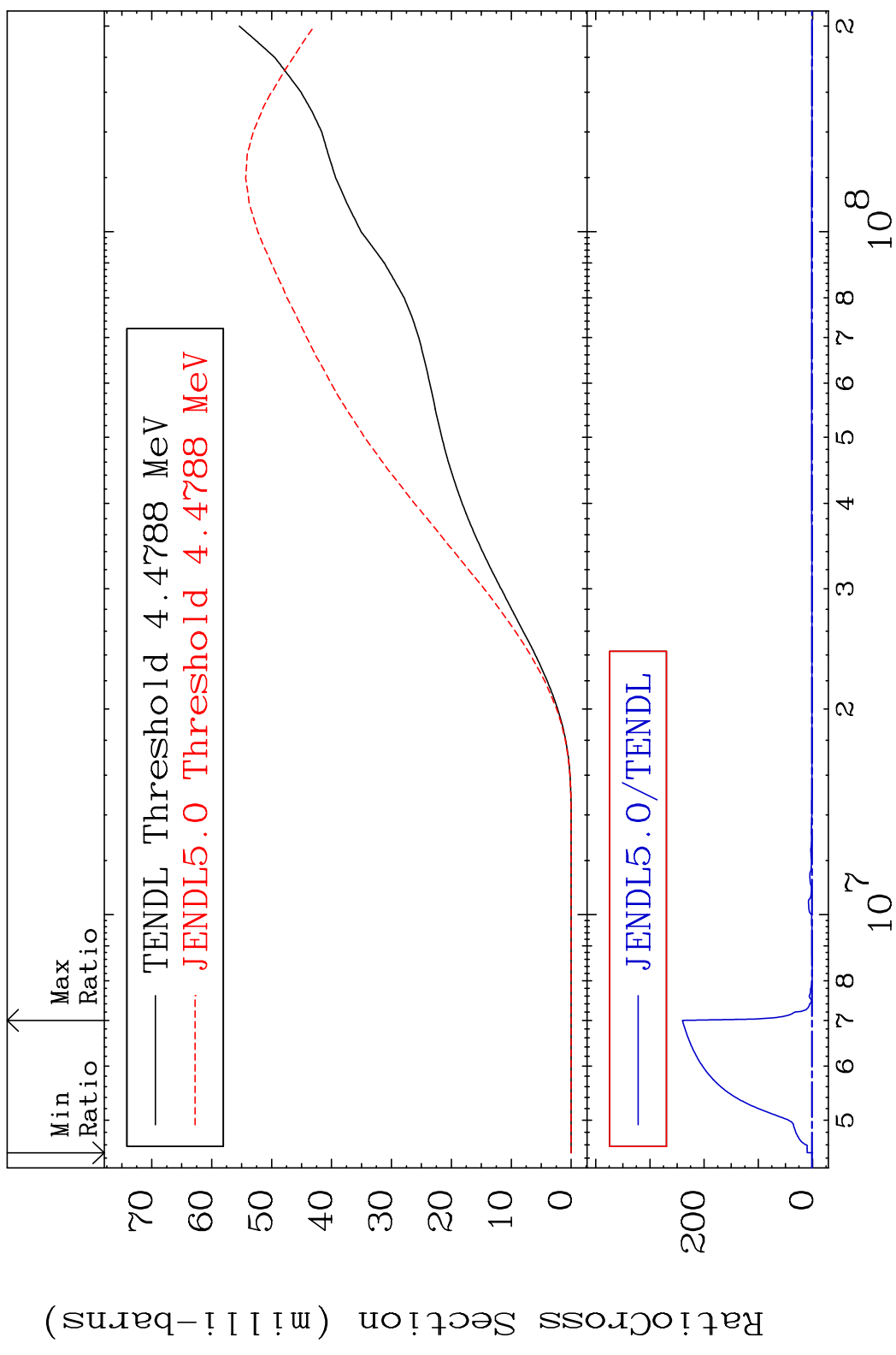
75-Re-183

MAT 7519

Tritium Production

75-Re-183

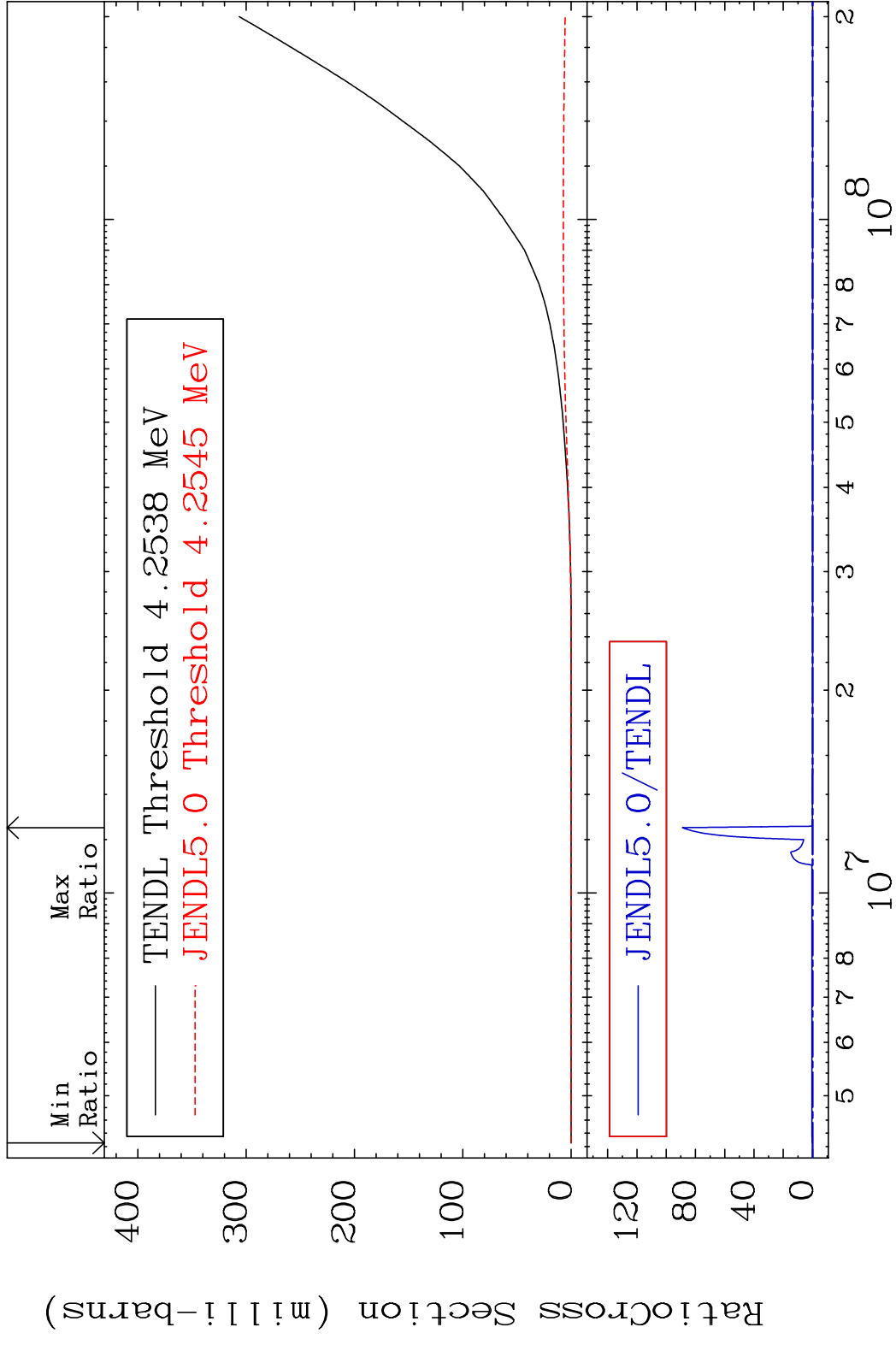
Cross Section -100.0 To 9999. %



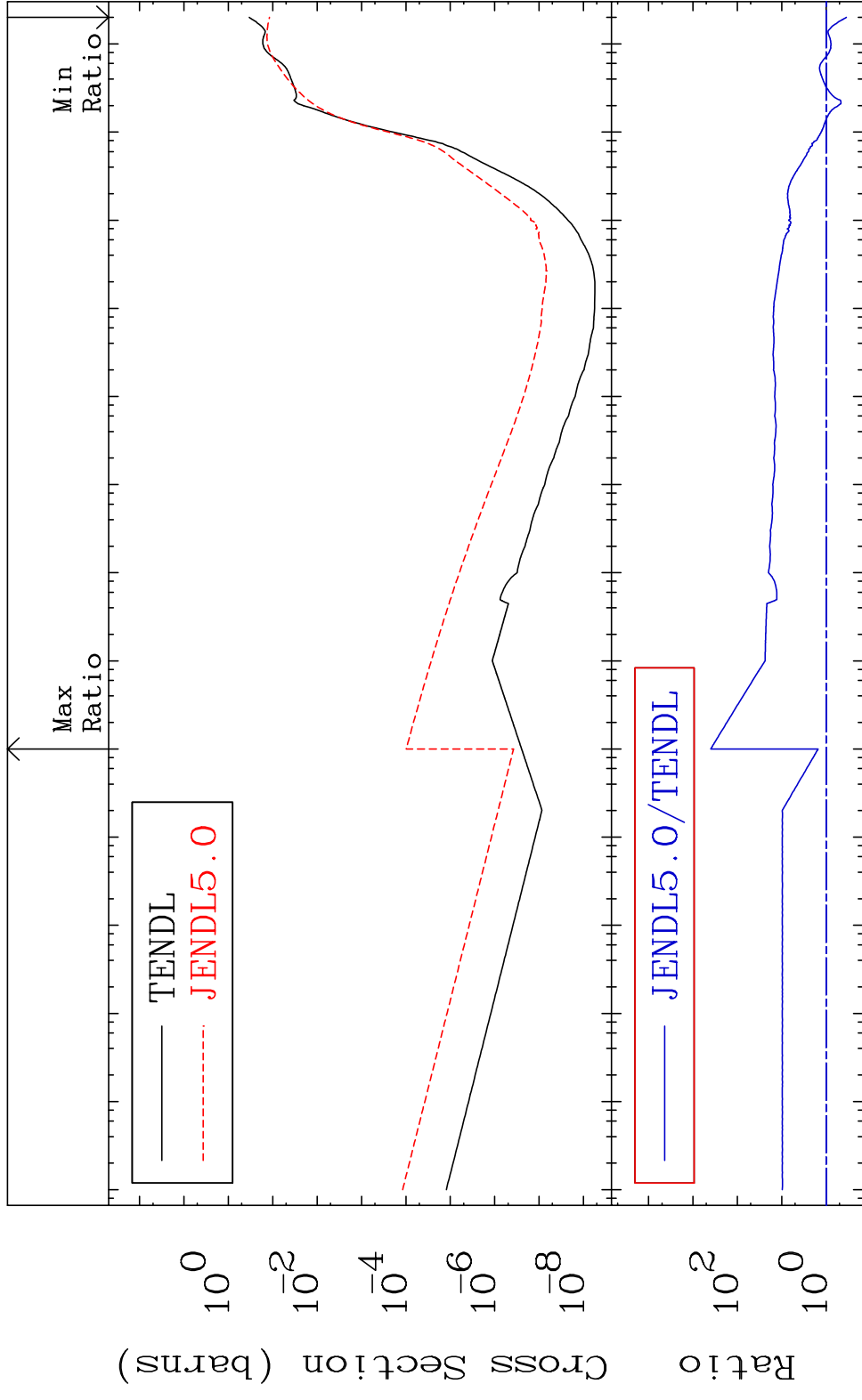
50

Incident Energy (eV)

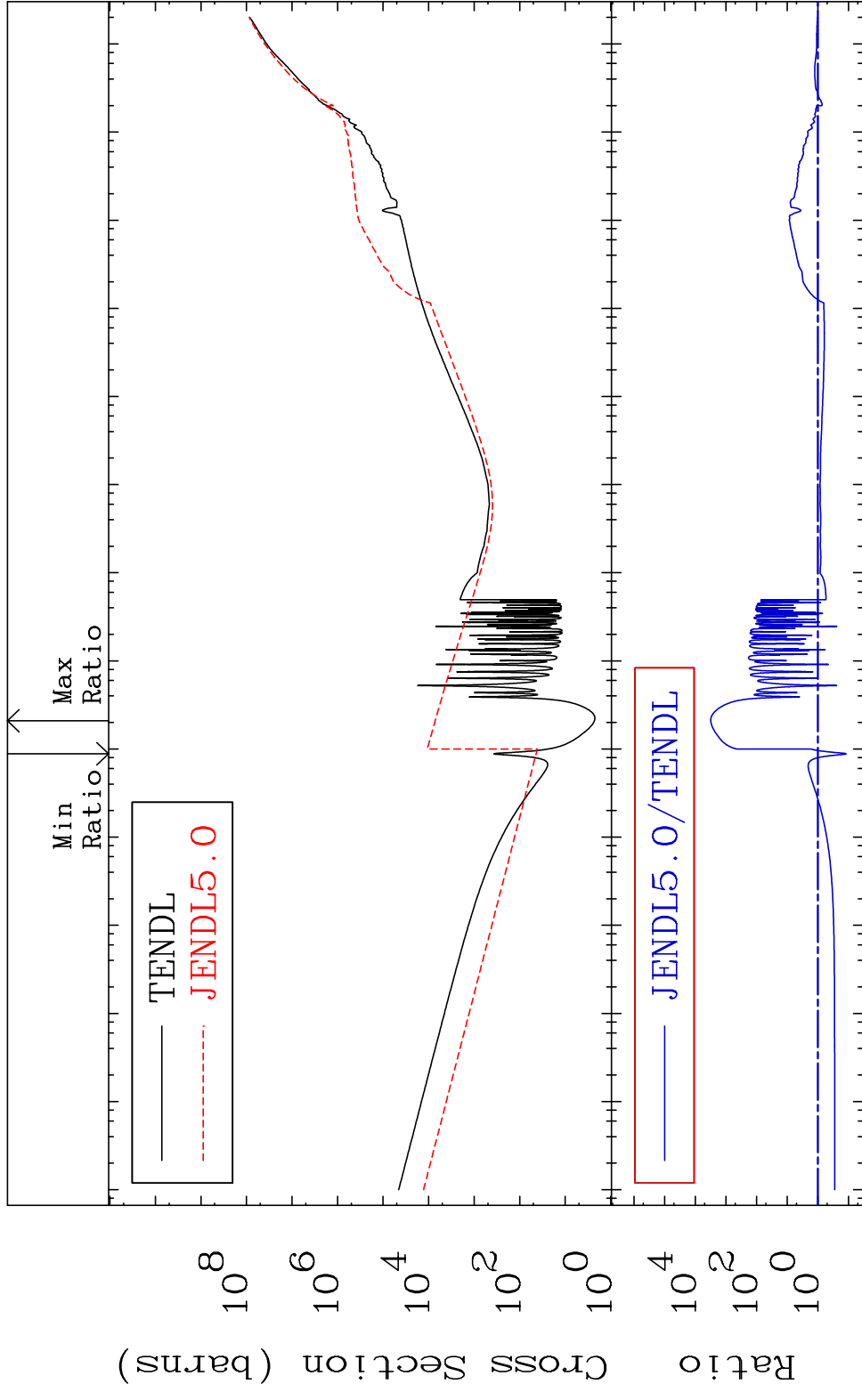
75-Re-183



MAT 7519 He-4 Production 75-Re-183
 Cross Section -64.92 To 9999. %



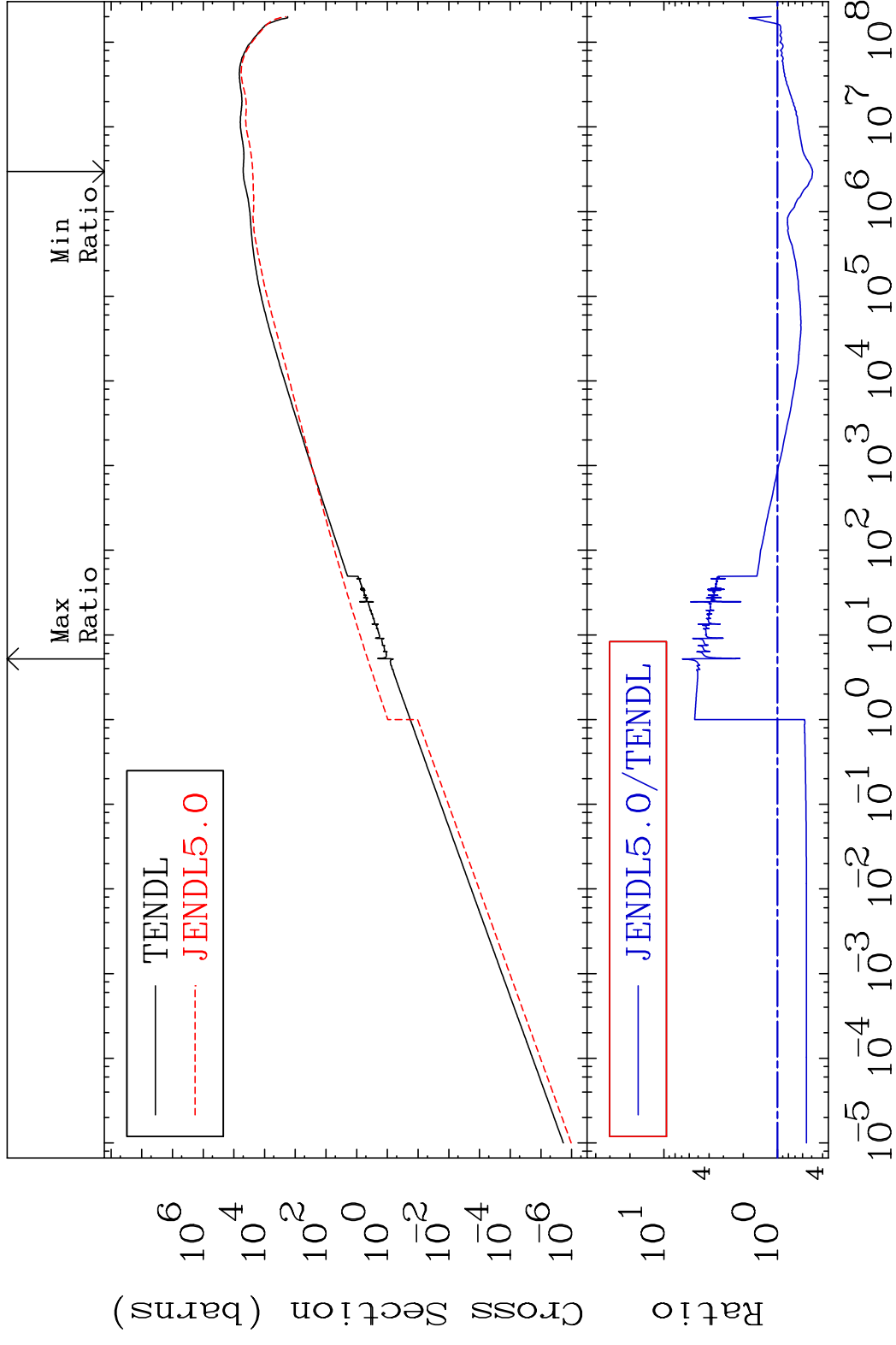
MAT 7519 Kerma total (eV-barns) 75-Re-183
 Cross Section -88.13 To 9999. %



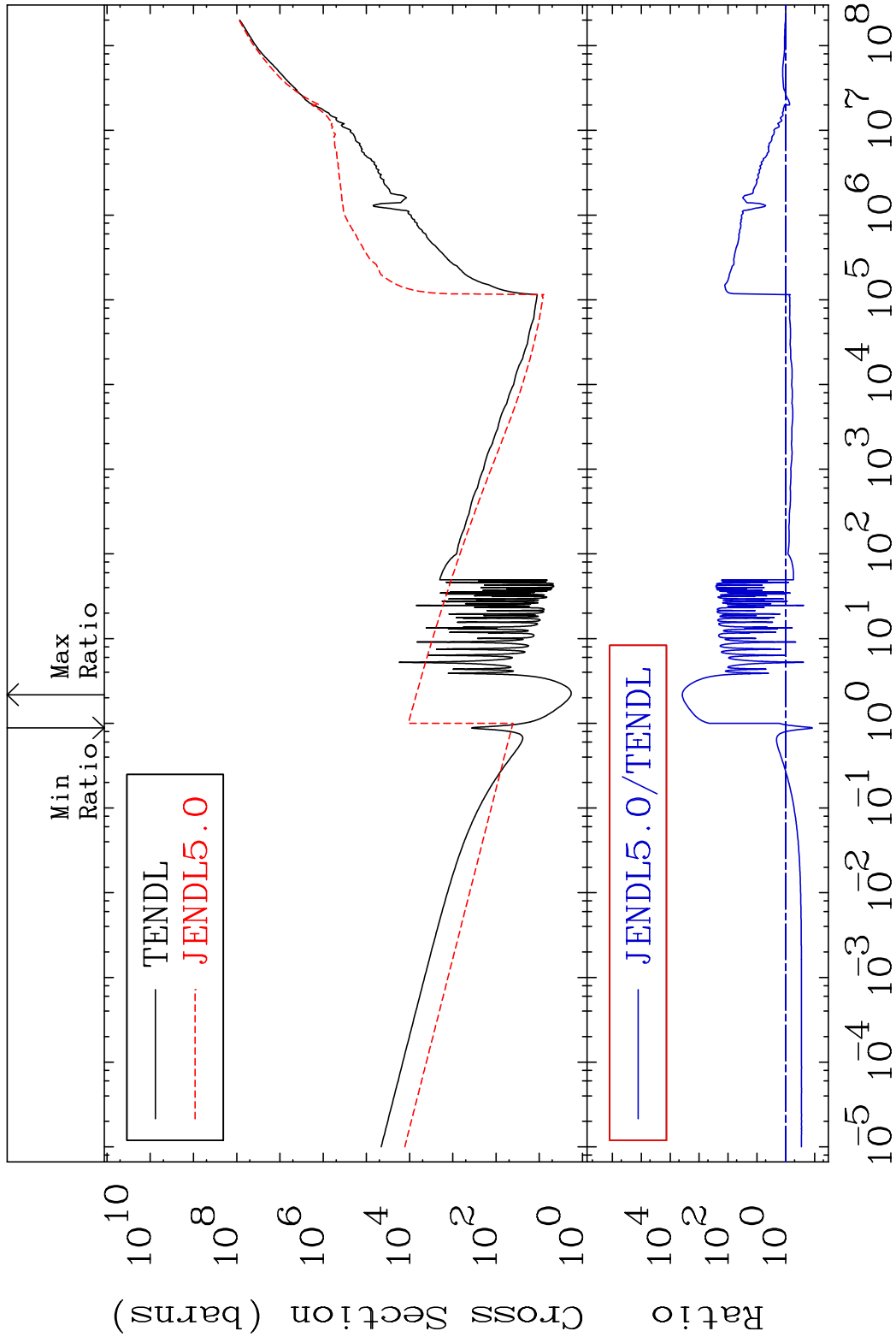
MAT 7519

Kerma elastic
Cross Section

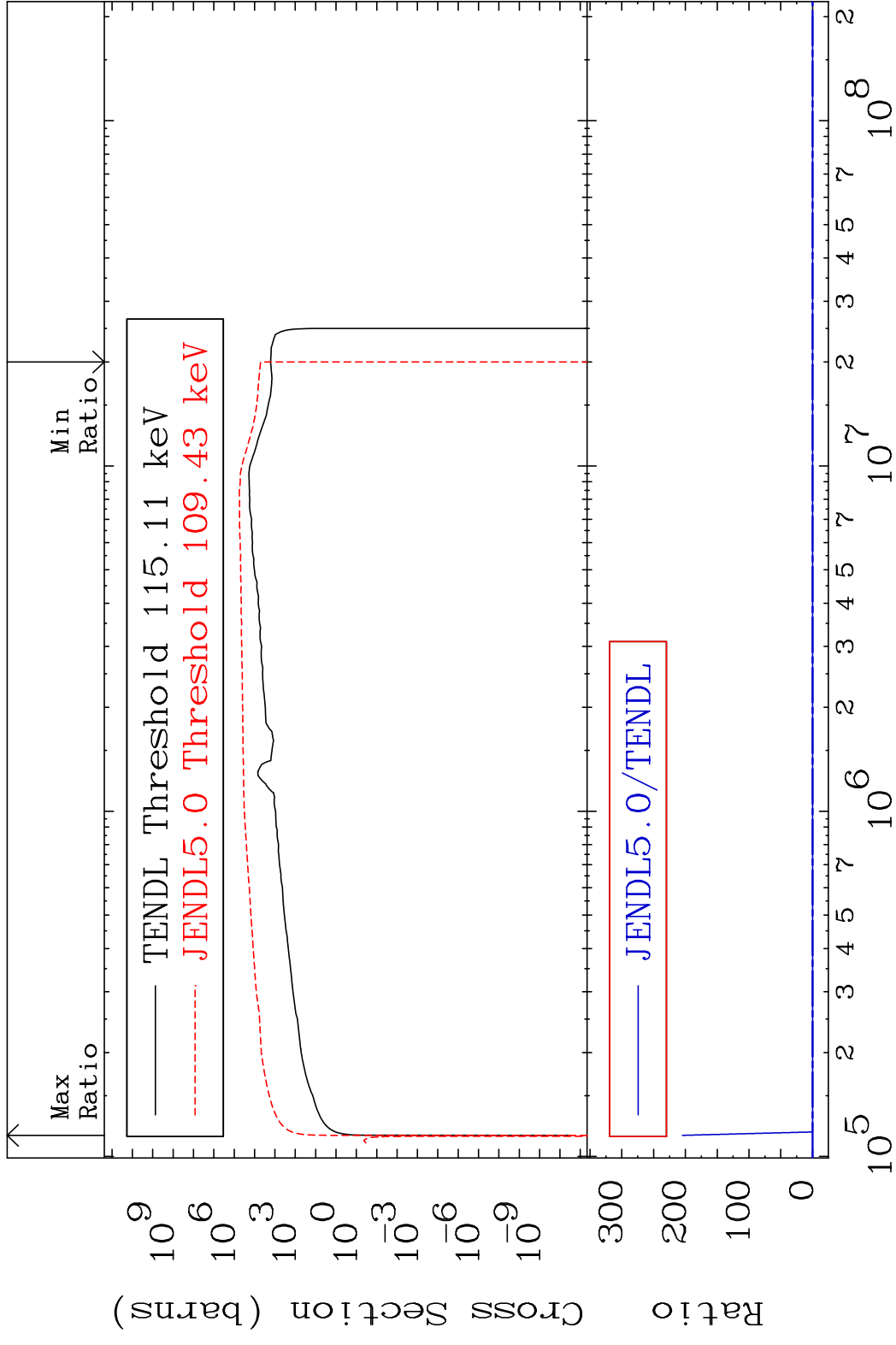
75-Re-183
-50.98 To 589.2 %



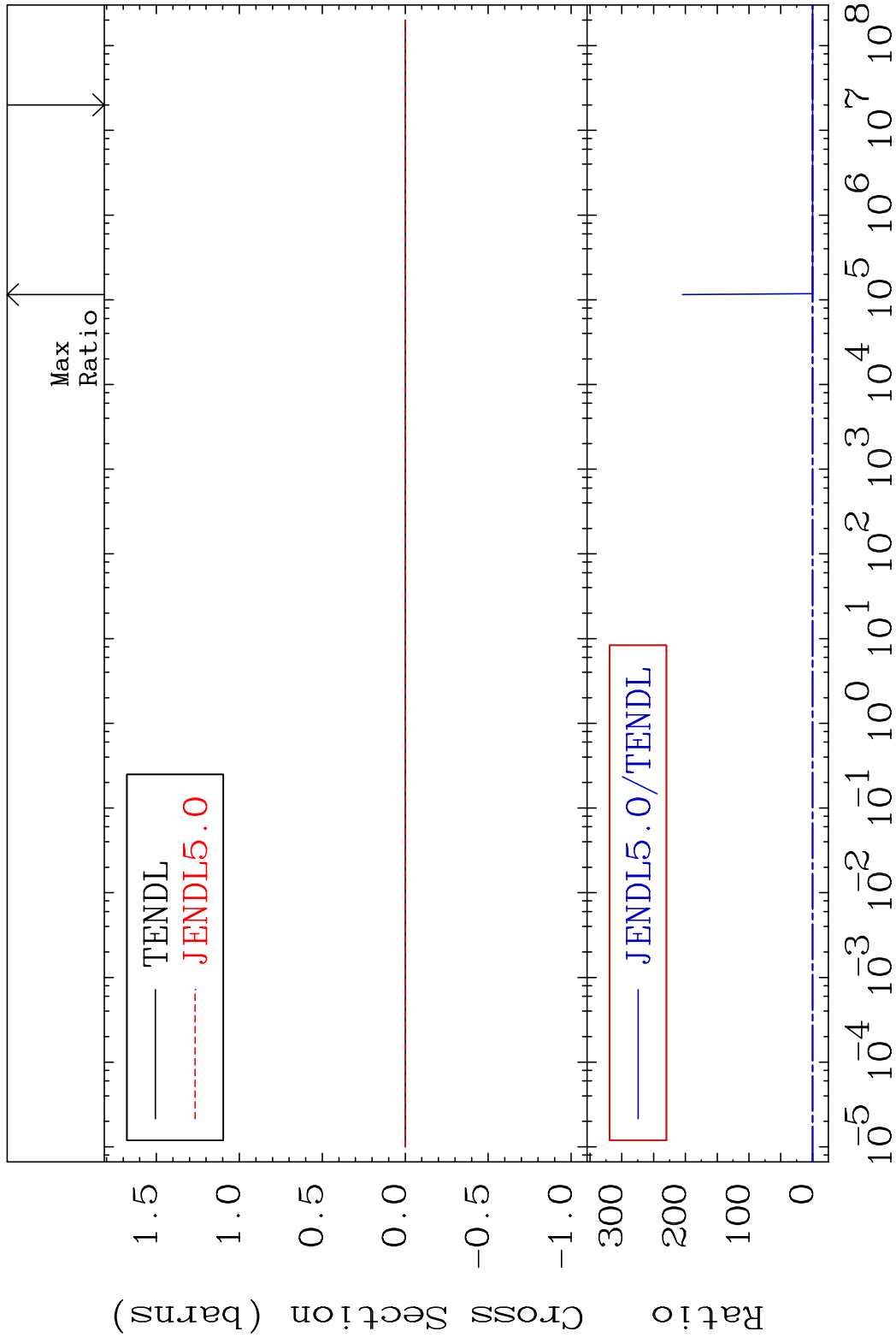
MAT 7519 Kerma non-elastic (all but mt2) 75-Re-183
 Cross Section -88.15 To 9999. %



MAT 7519 Kerma inelastic (mt51-91) 75-Re-183
 Cross Section -100.0 To 9999. %



MAT 7519 Kerma fission (mt18 or mt19-20-21-38) 75-Re-183
 Cross Section -100.0 To 9999. %

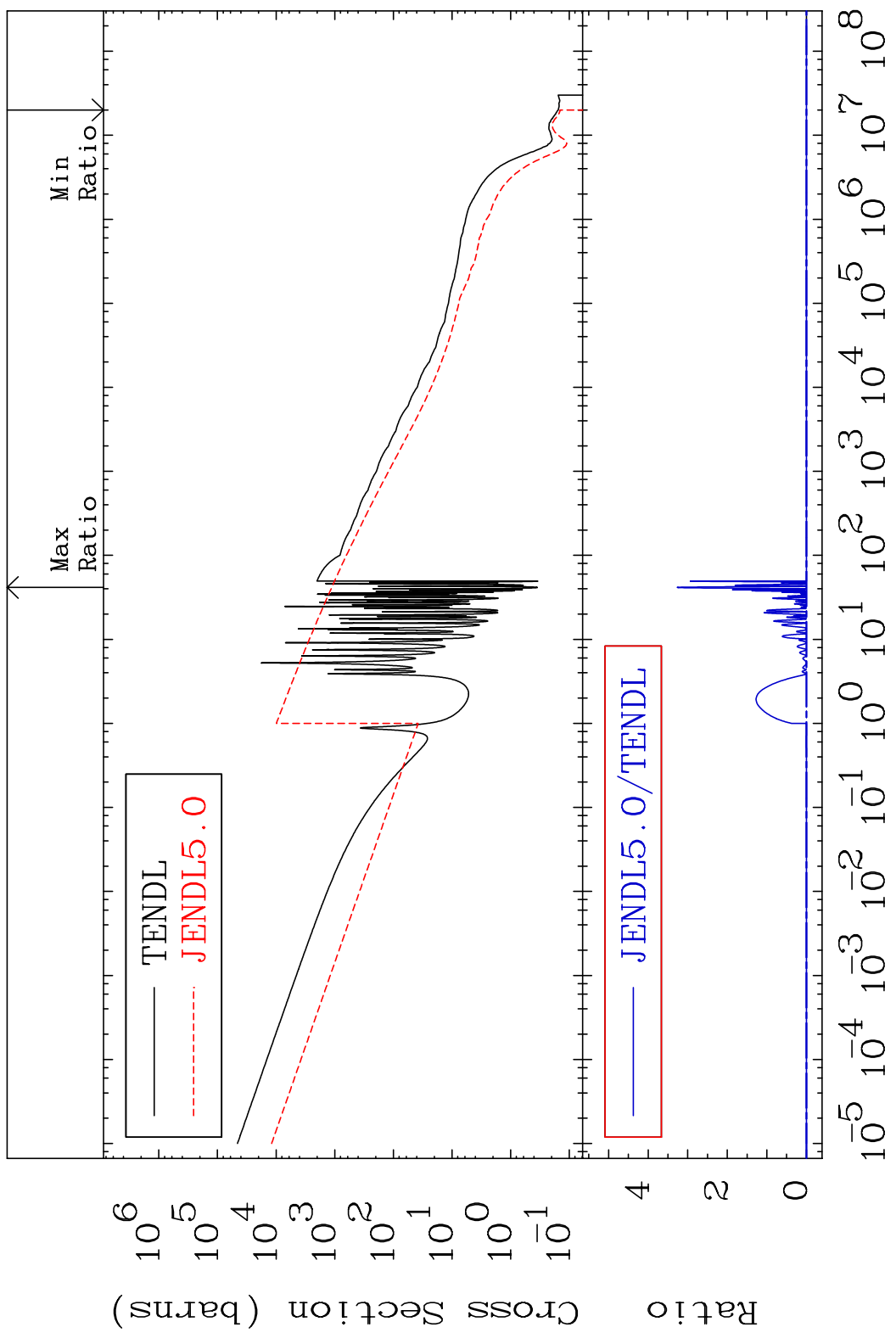


MAT 7519

Kerma capture (mt102)

75-Re-183

Cross Section -100.0 To 9999. %

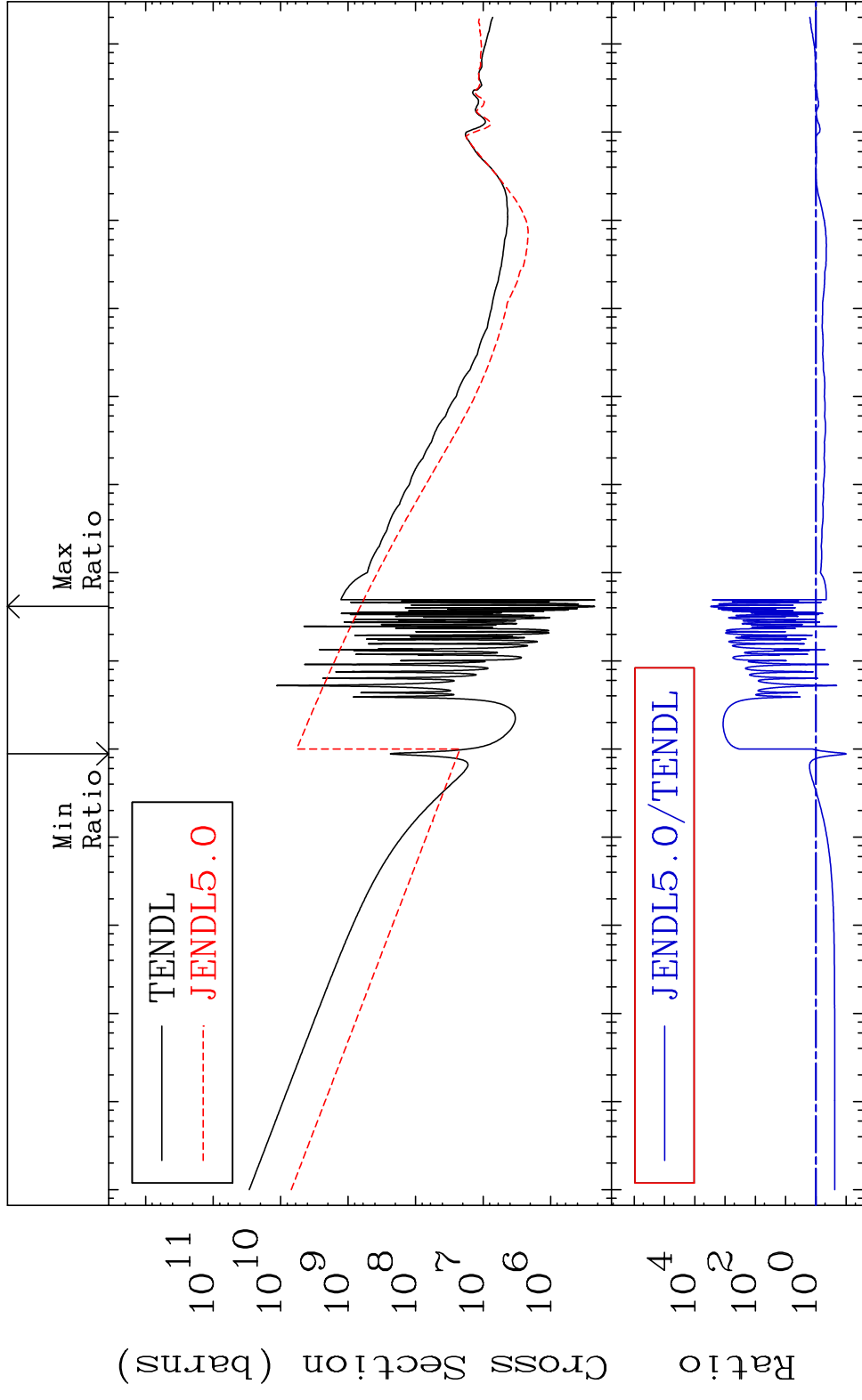


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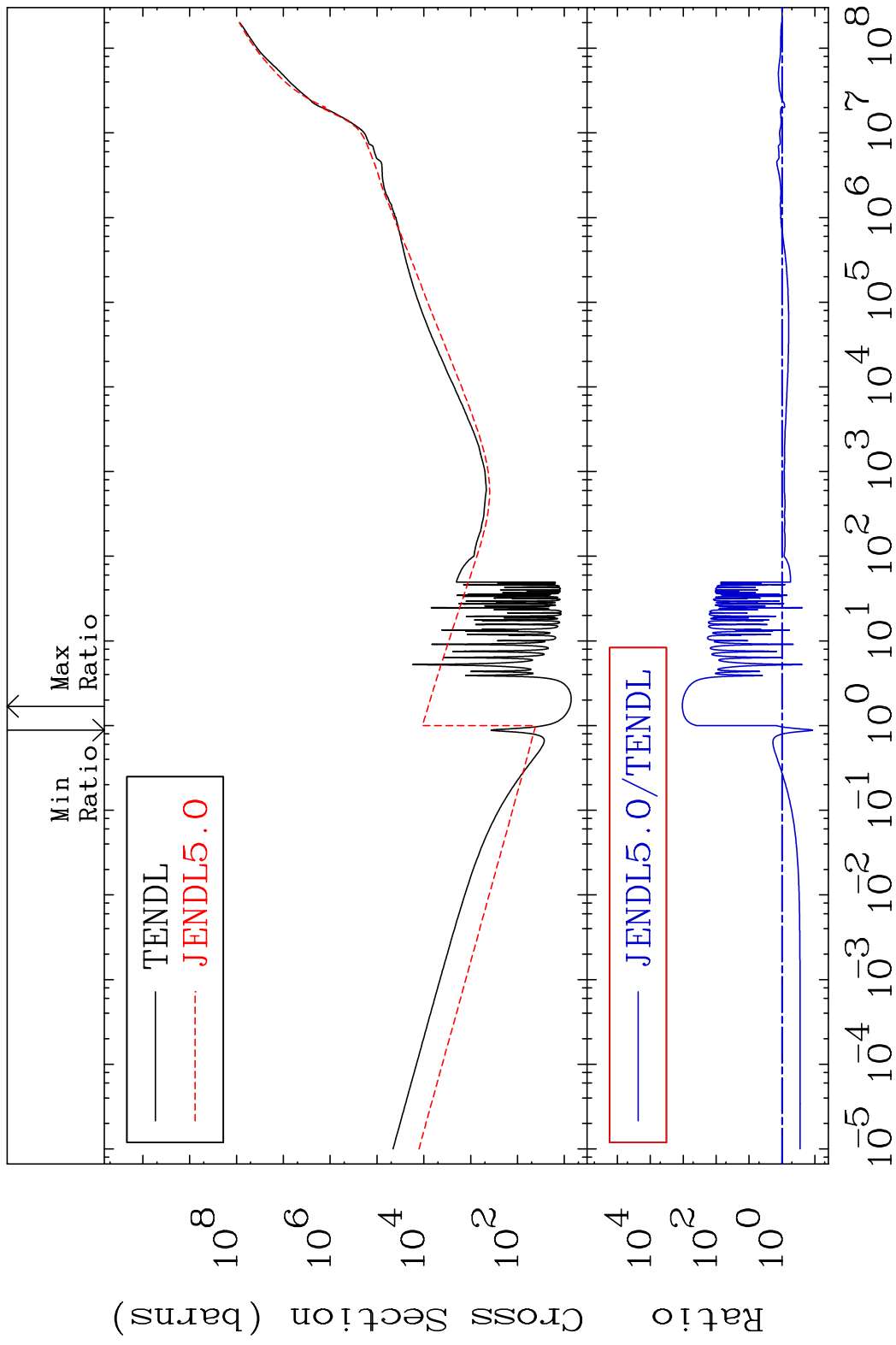
Incident Energy (eV)

75-Re-183

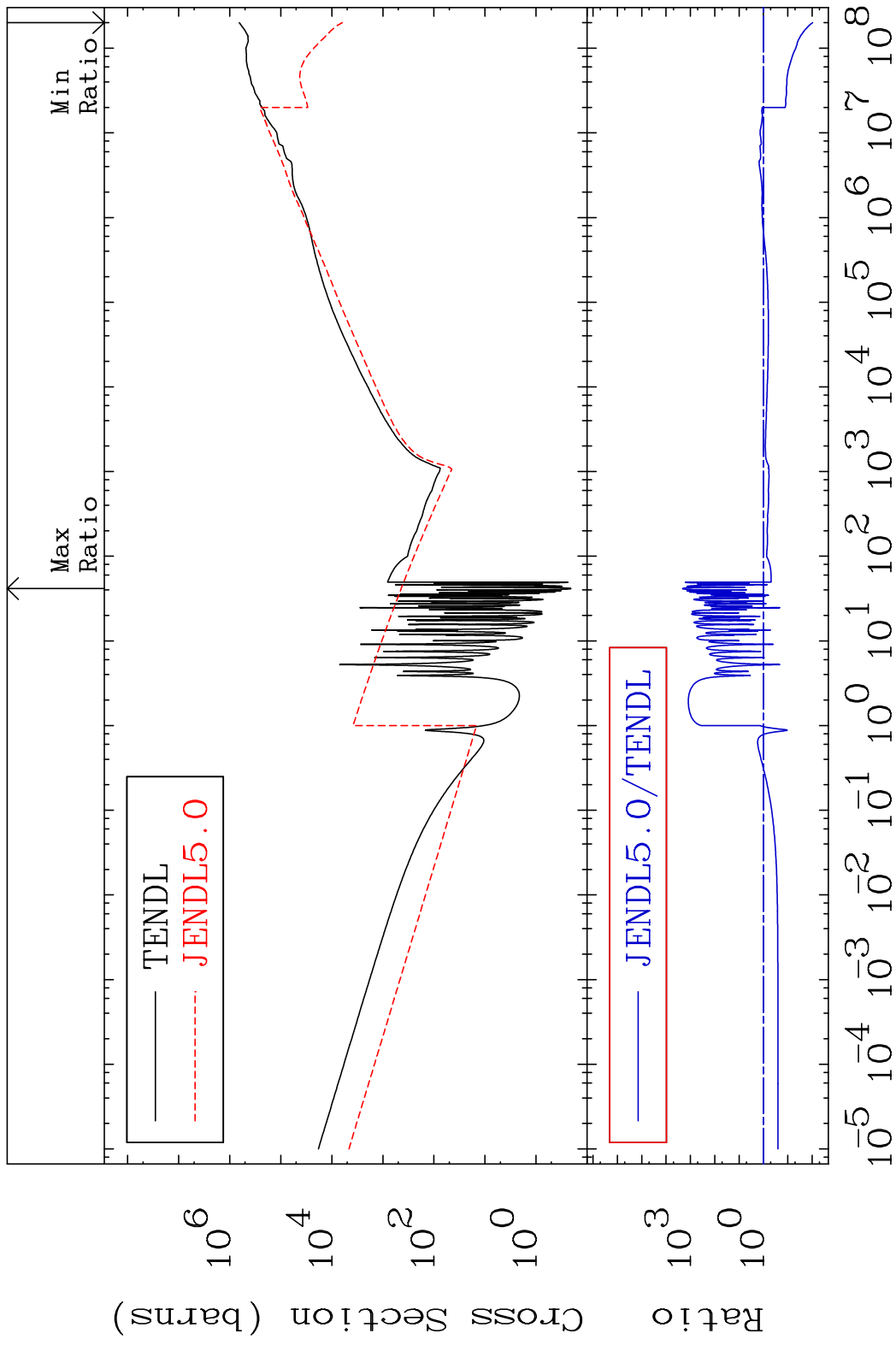
MAT 7519 Total photon (eV-barns) 75-Re-183
 Cross Section -90.11 To 9999. %



MAT 7519 Total kinematic kerma (high limit) 75-Re-183
Cross Section -88.26 To 9999. %



MAT 7519 Dpa total (eV-barns) 75-Re-183
 Cross Section -99.05 To 9999. %



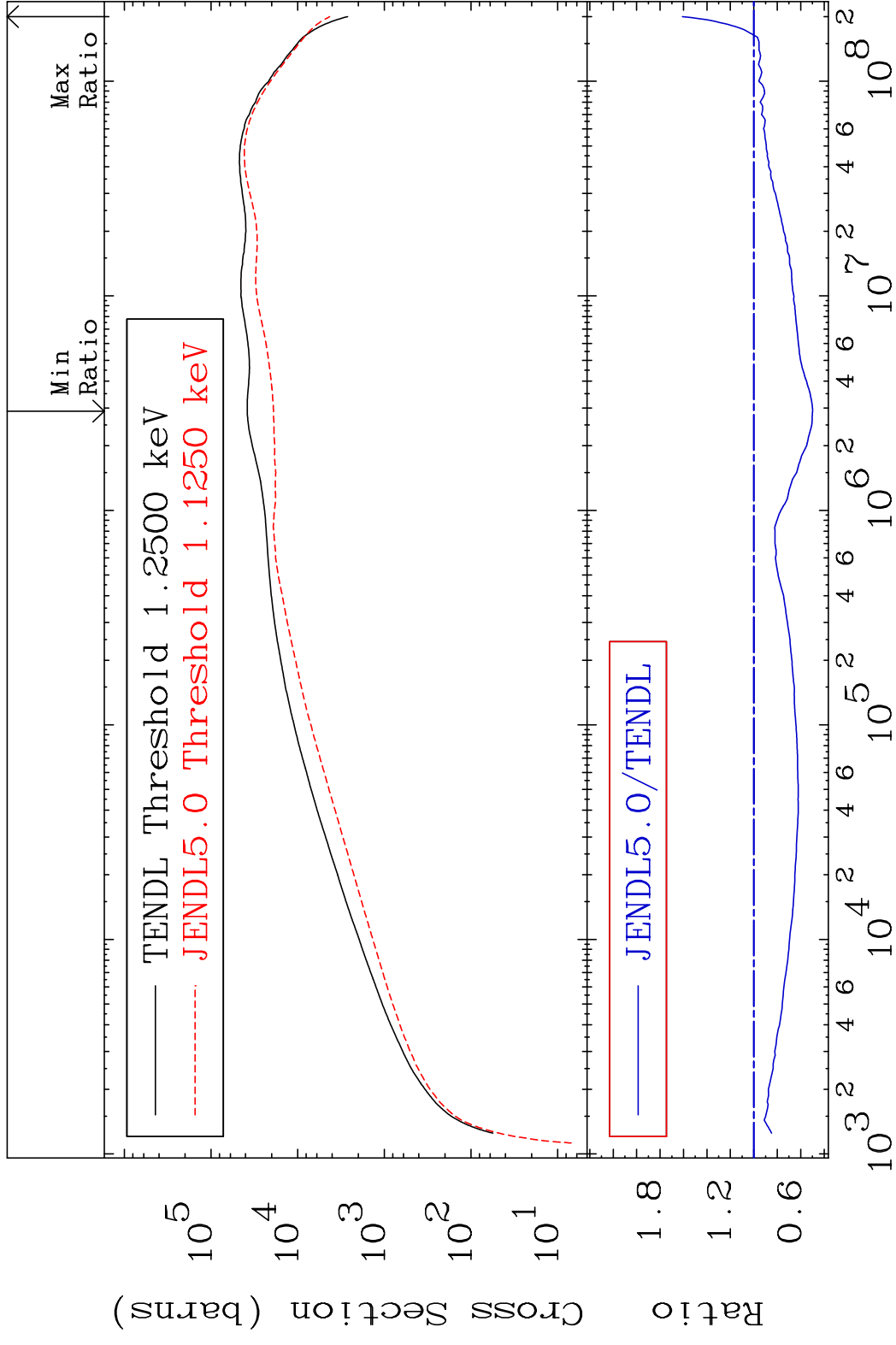
MAT 7519

Dpa elastic (mt2)

75-Re-183

Cross Section

-50.13 To 60.98 %

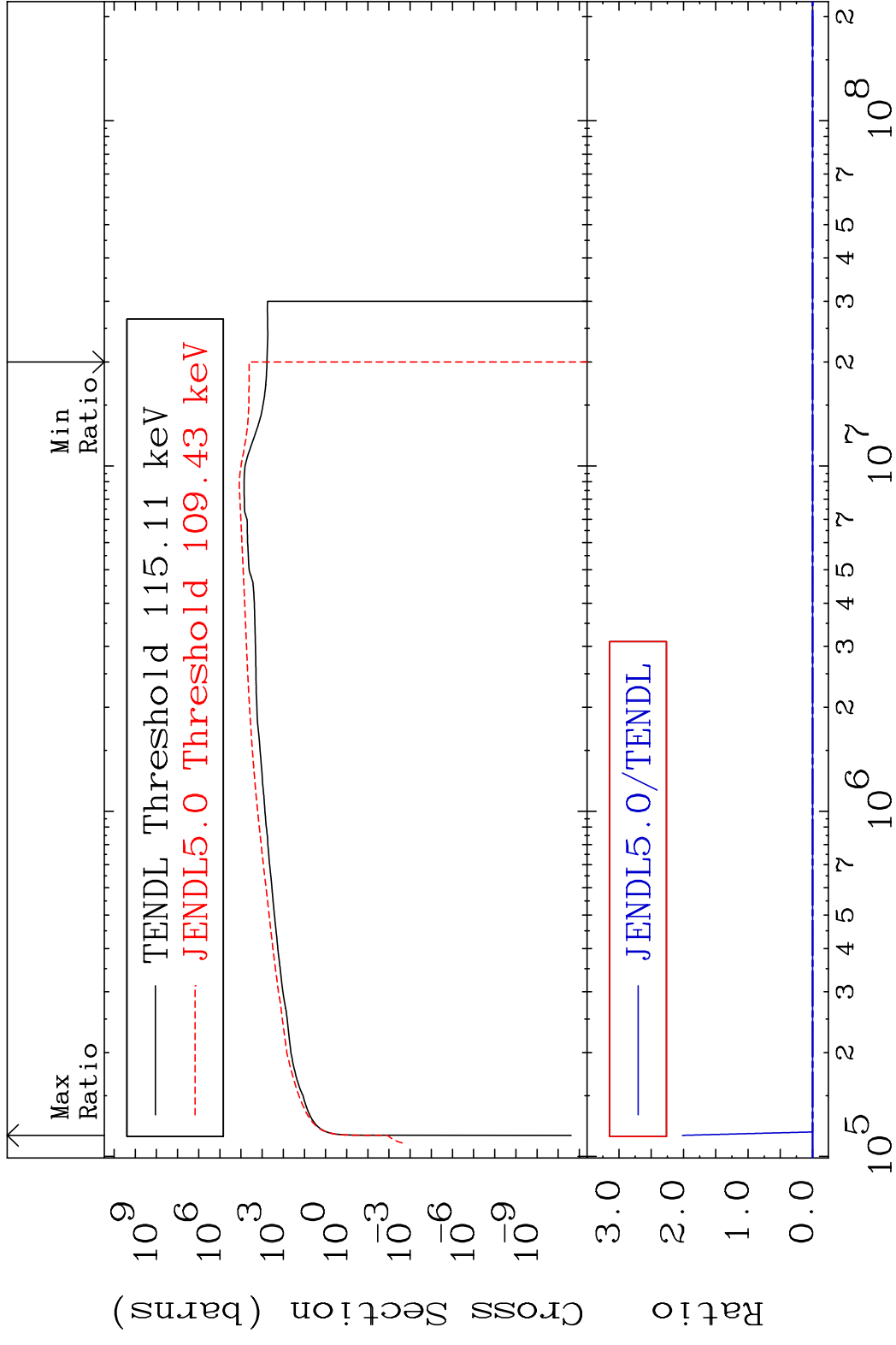


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Incident Energy (eV)

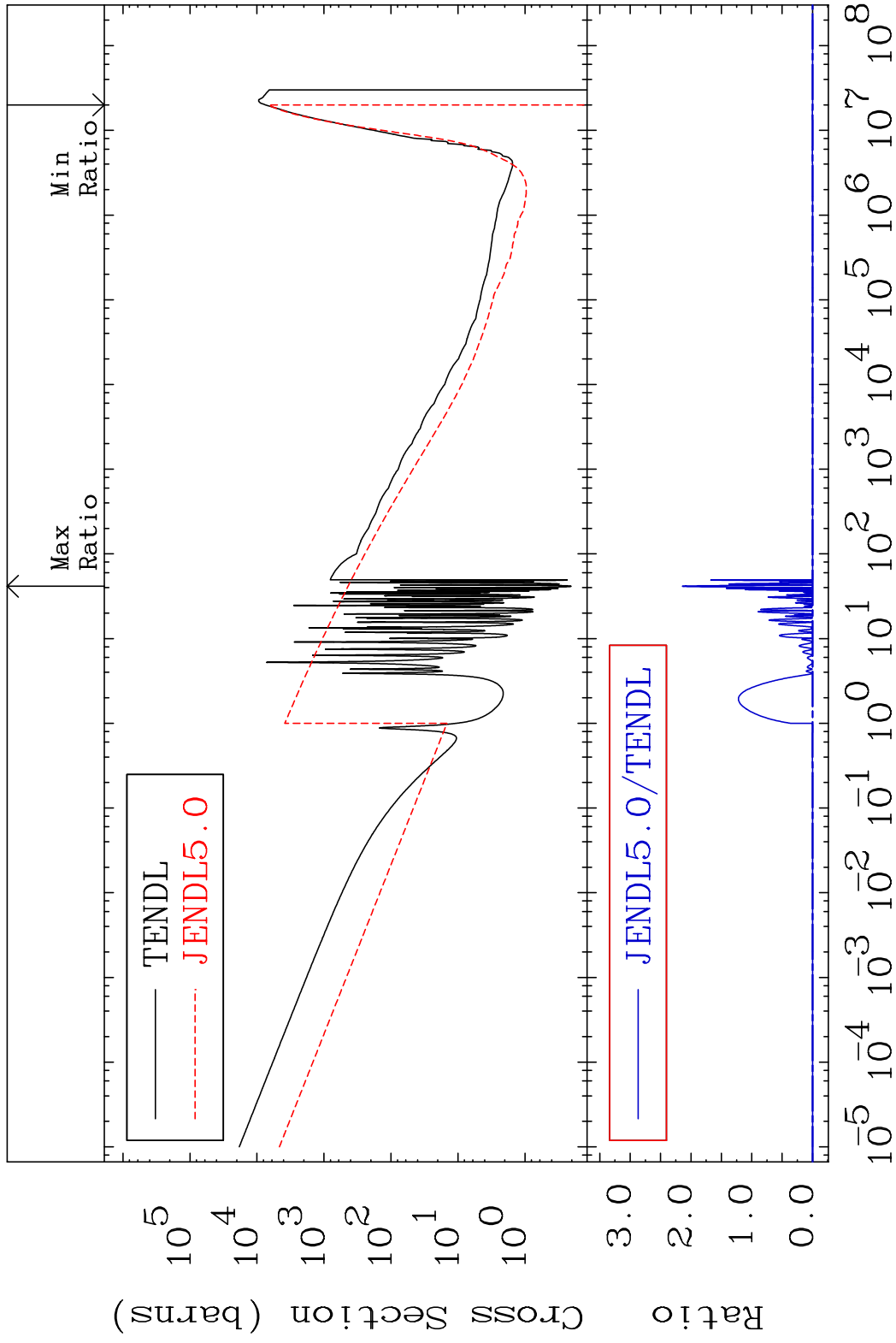
75-Re-183

MAT 7519 Dpa inelastic (mt51-91) 75-Re-183
 Cross Section -100.0 To 9999. %



63 Incident Energy (eV) 75-Re-183

MAT 7519 Dpa disappearance (mt102 -120) 75-Re-183
 Cross Section -100.0 To 9999. %



MAT 7519 (n,2n):75-Re-182g 75-Re-183
 Radionuclide Production Cross Section Ratio 1386.1 %

