

Program Complot
(Version 2021-1)

by

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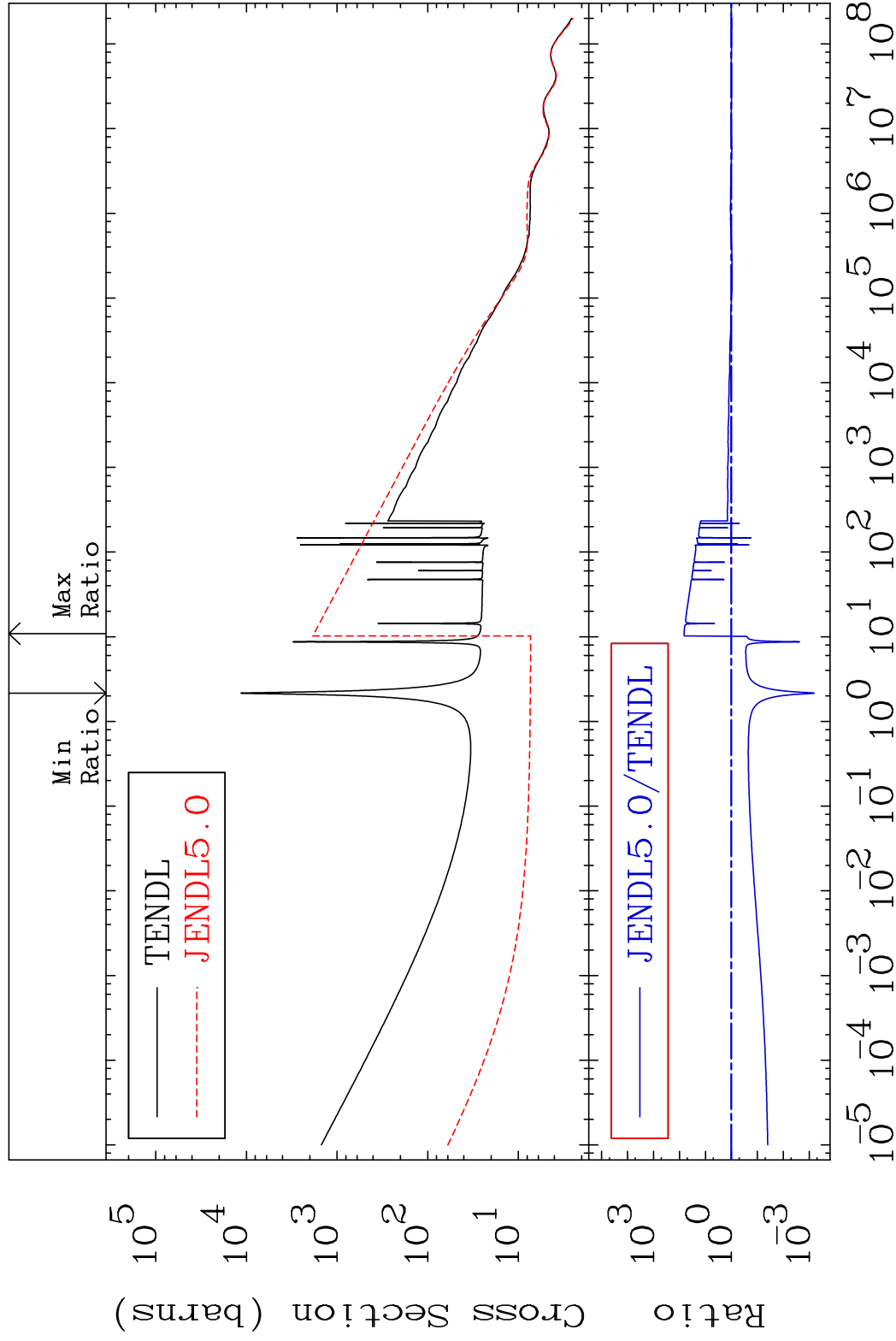
Press Mouse Button to Start

MAT 6846

Total

68-Er-169

Cross Section -99.94 To 6570. %



1

Incident Energy (eV)

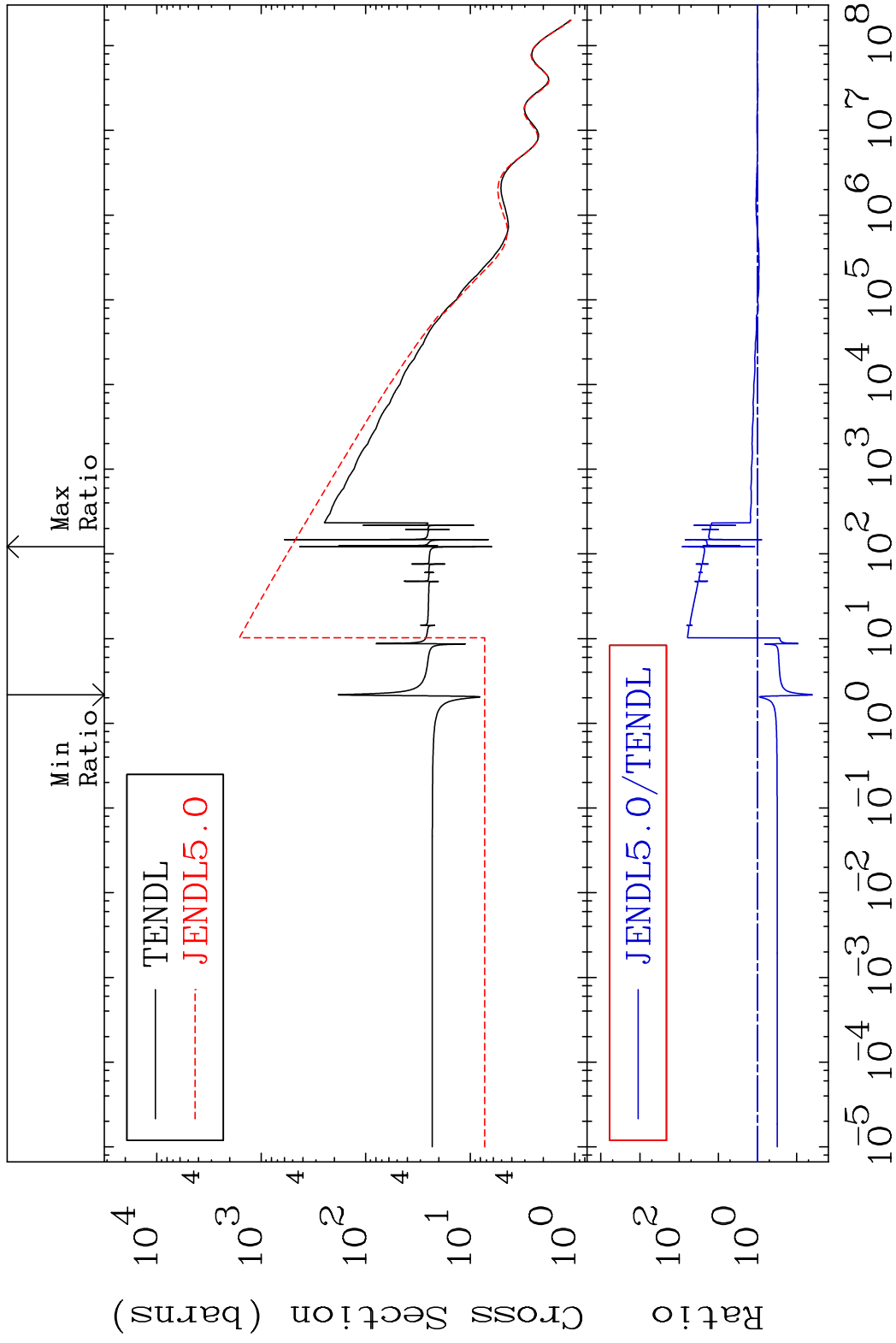
68-Er-169

MAT 6846

Elastic

68-Er-169

Cross Section -96.06 To 8186. %

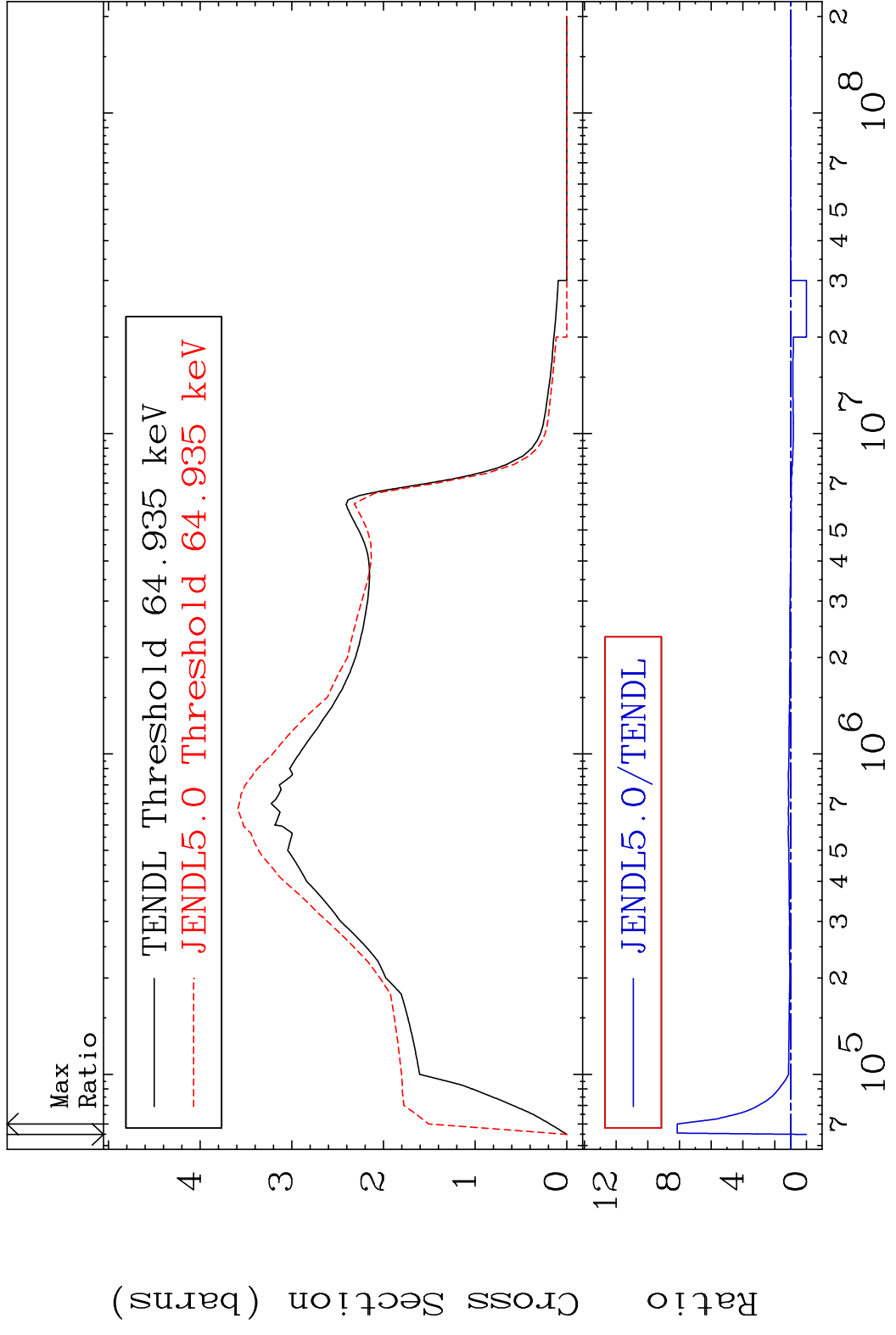


2

Incident Energy (eV)

68-Er-169

MAT 6846 Inelastic 68-Er-169
 Cross Section -100.0 To 714.7 %



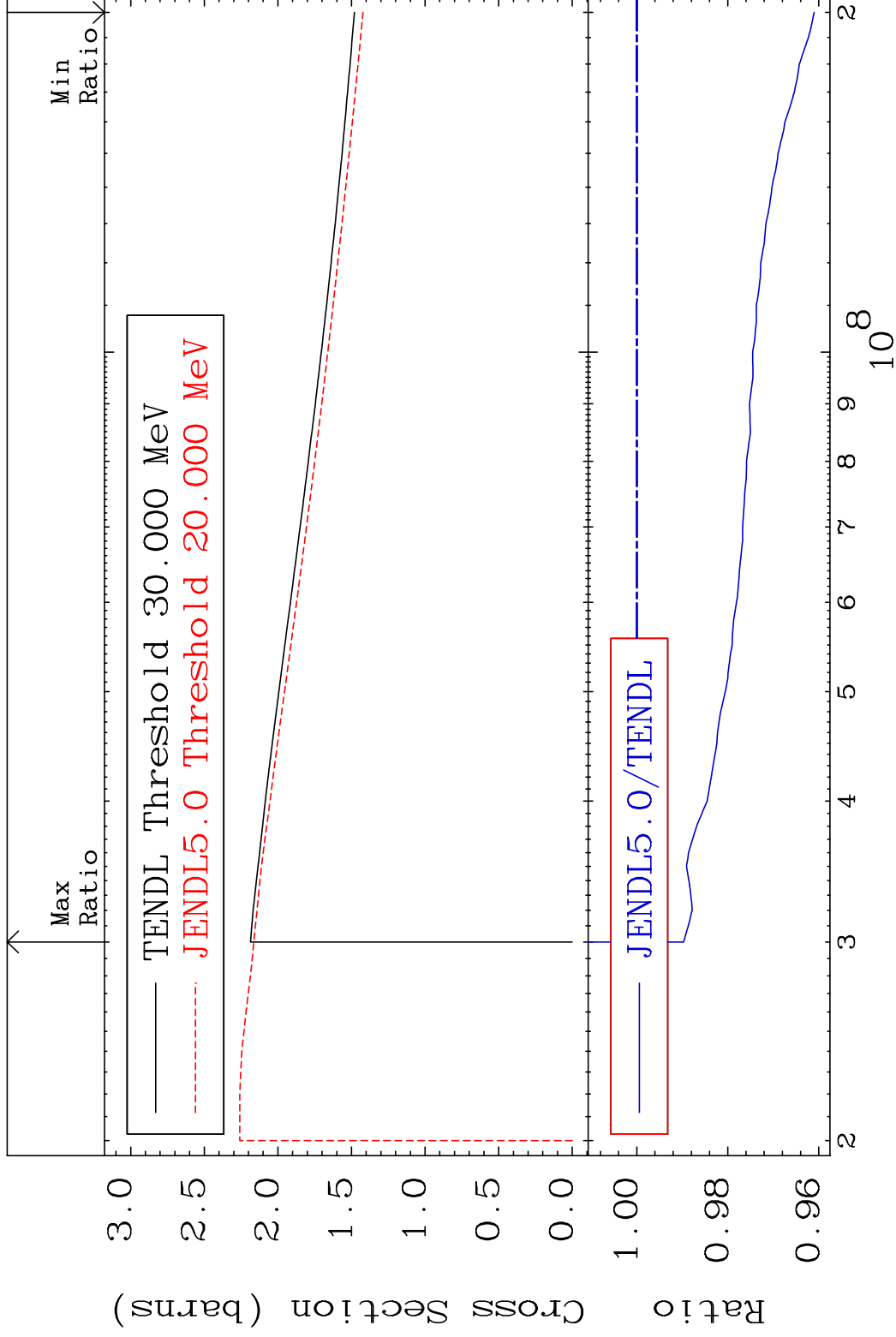
3 Incident Energy (eV) 68-Er-169

MAT 6846

(n, remainder)

68-Er-169

Cross Section -3.898 To -1.030%



4

Incident Energy (eV)

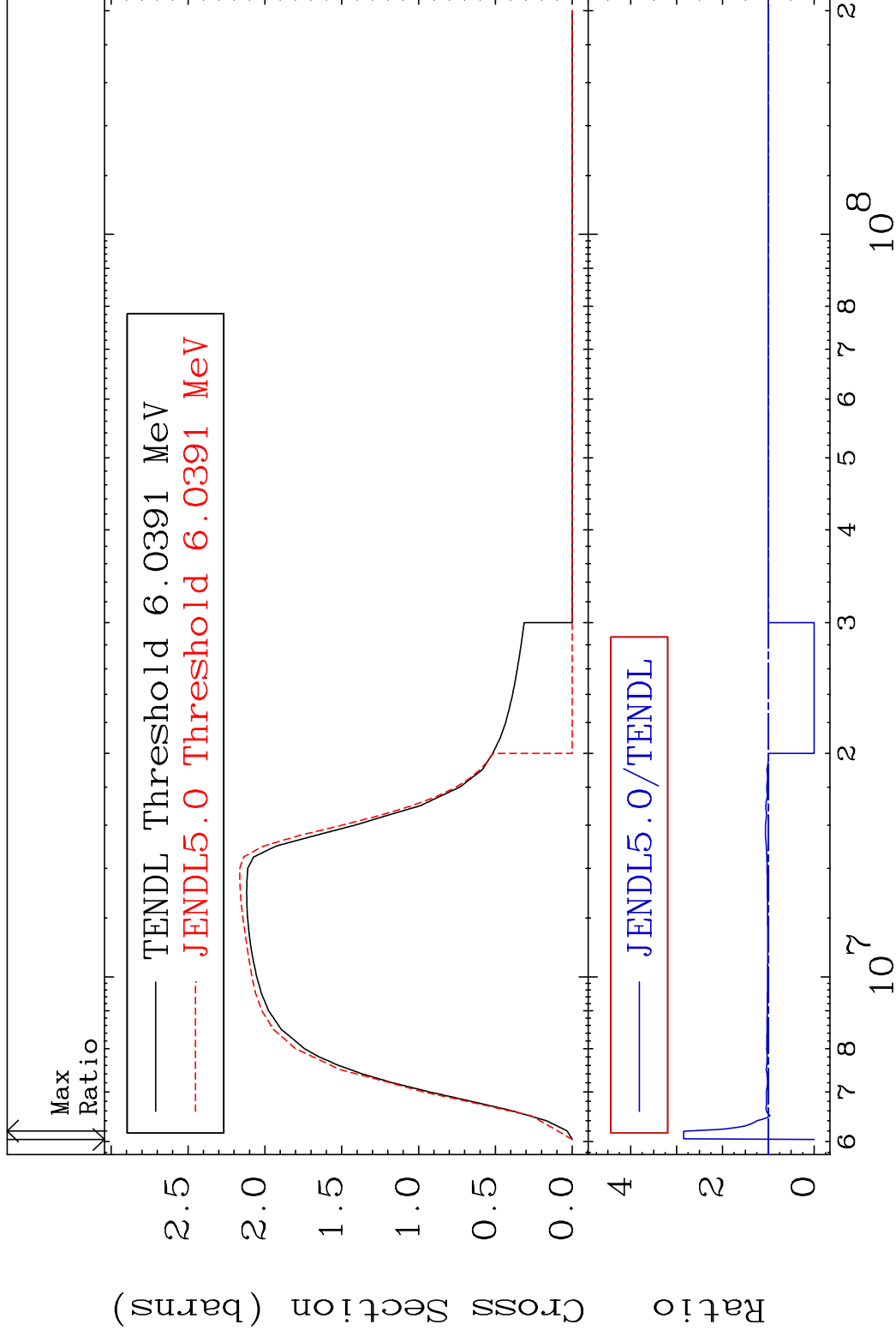
68-Er-169

MAT 6846

(n,2n)

68-Er-169

Cross Section -100.0 To 184.6 %



5

Incident Energy (eV)

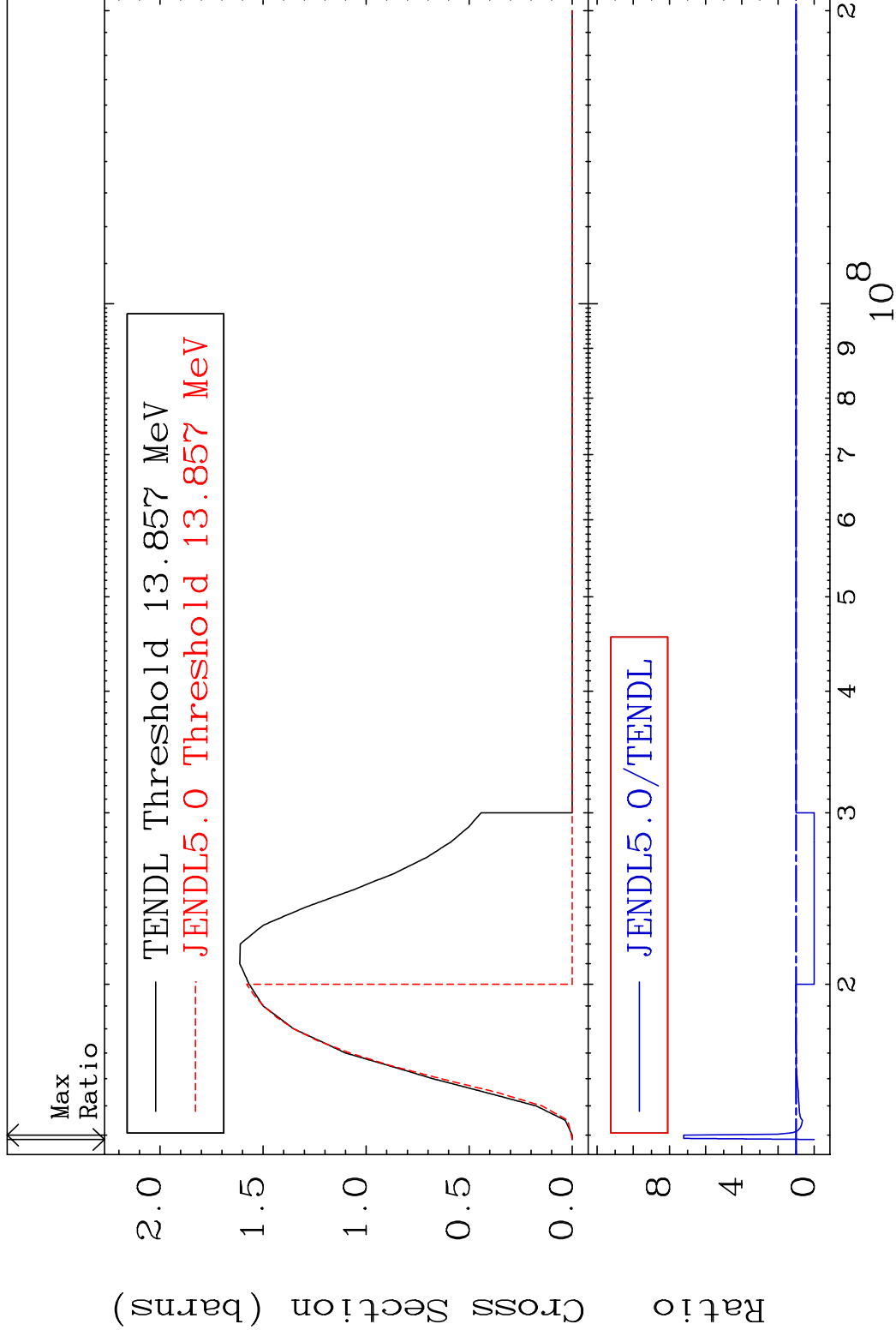
68-Er-169

MAT 6846

(n,3n)

68-Er-169

Cross Section -100.0 To 621.5 %



6

Incident Energy (eV)

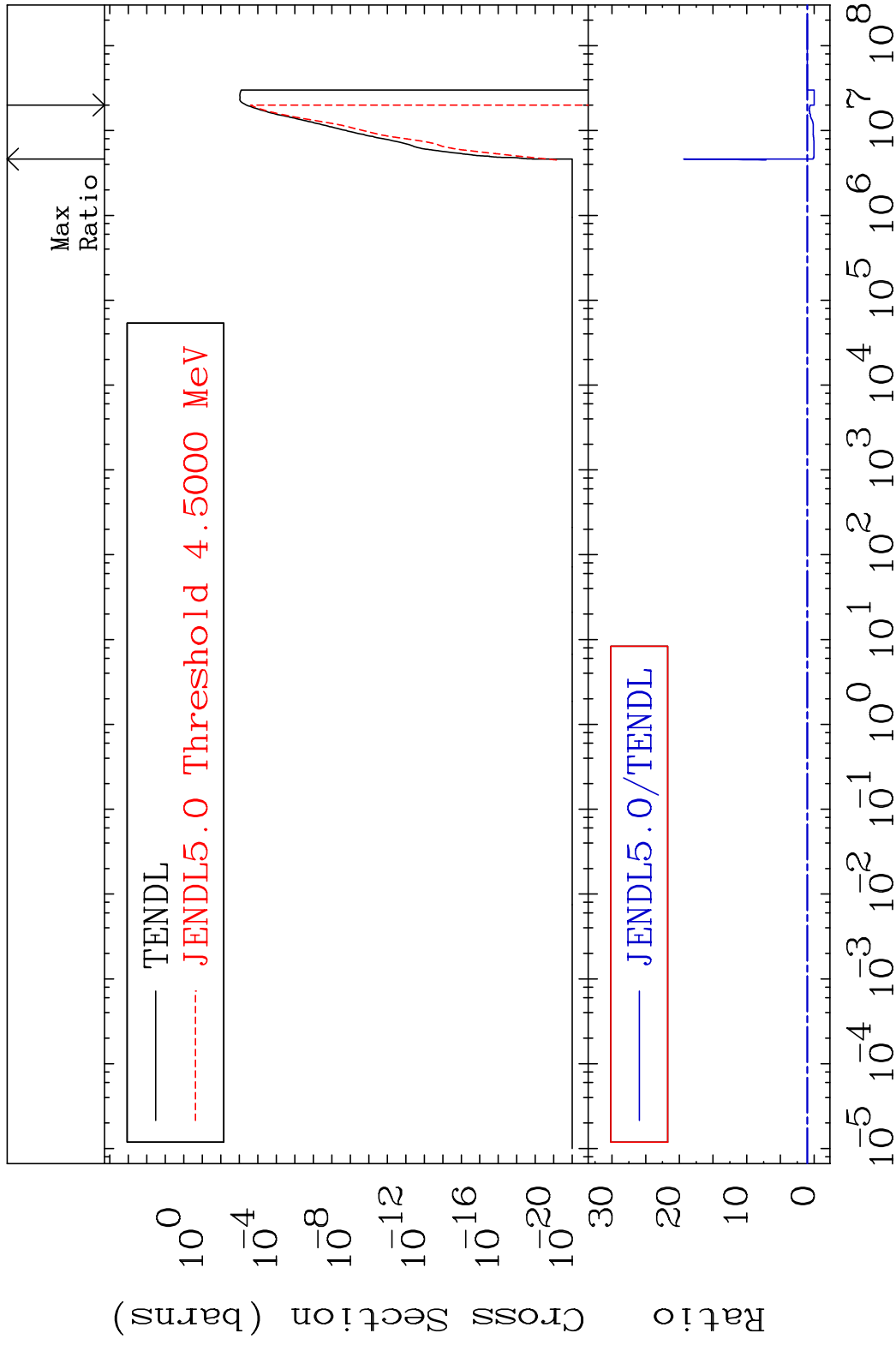
68-Er-169

MAT 6846

(n, n') α

68-Er-169

Cross Section -100.0 To 1836. %

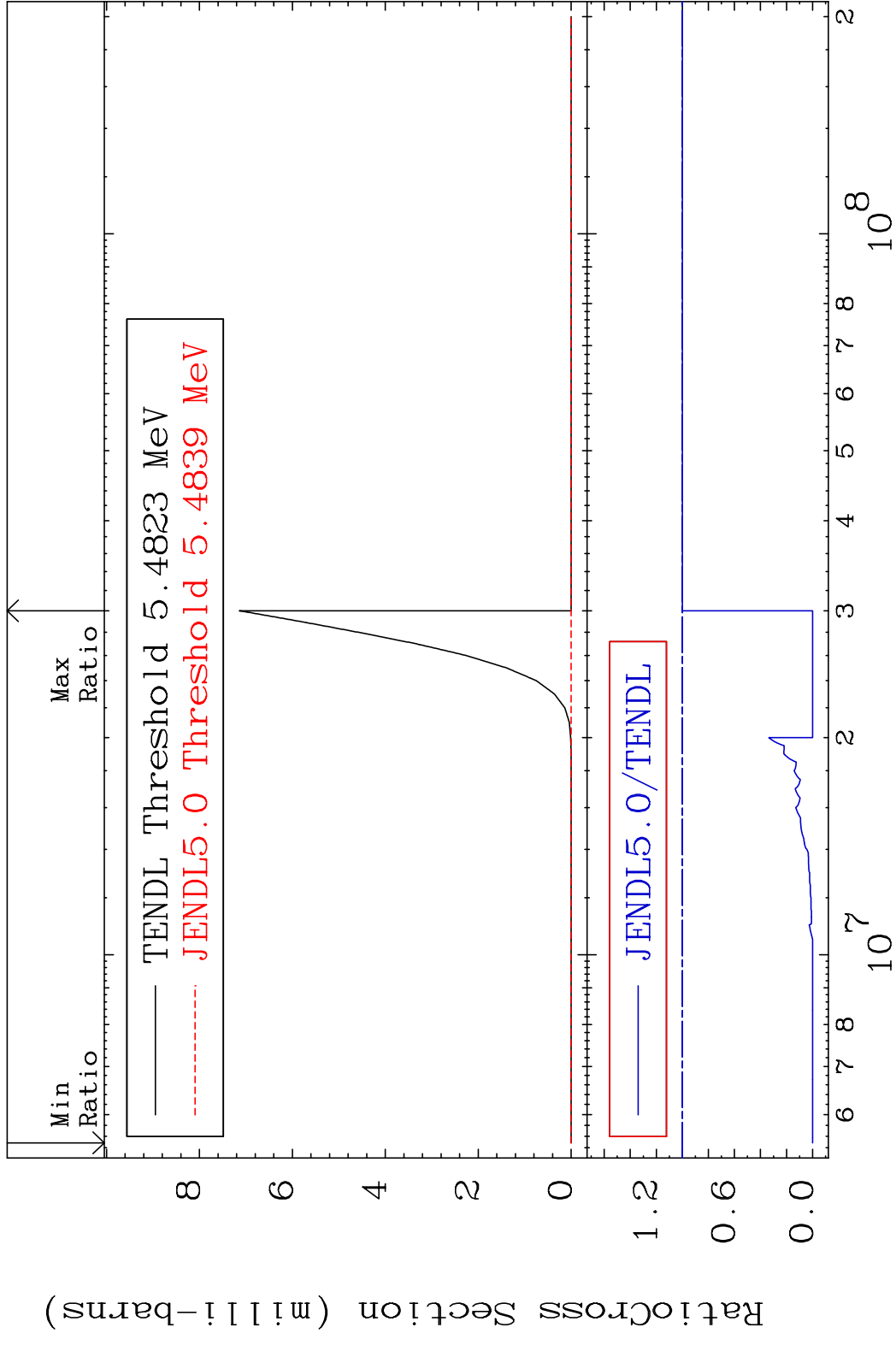


7

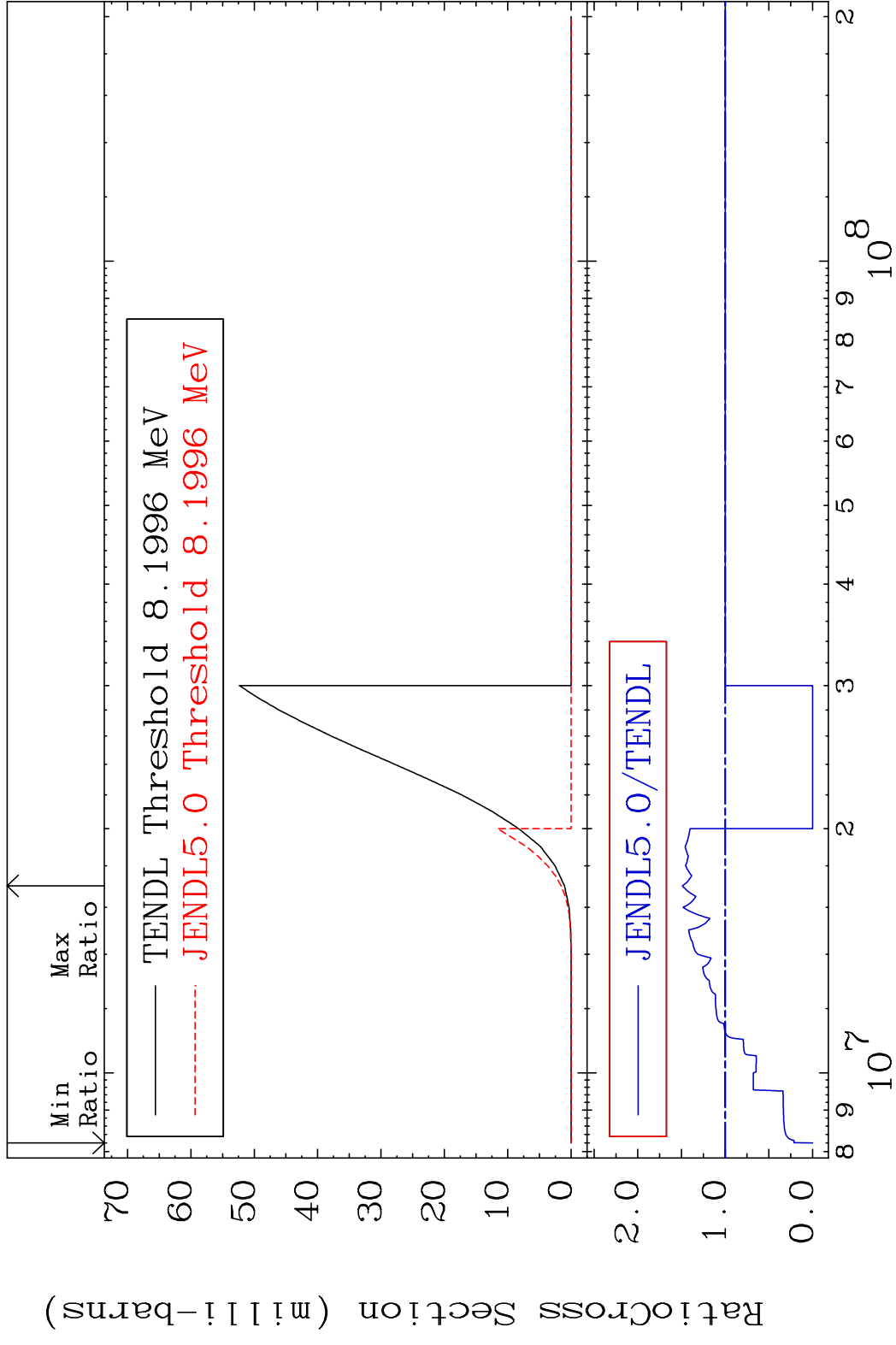
Incident Energy (eV)

68-Er-169

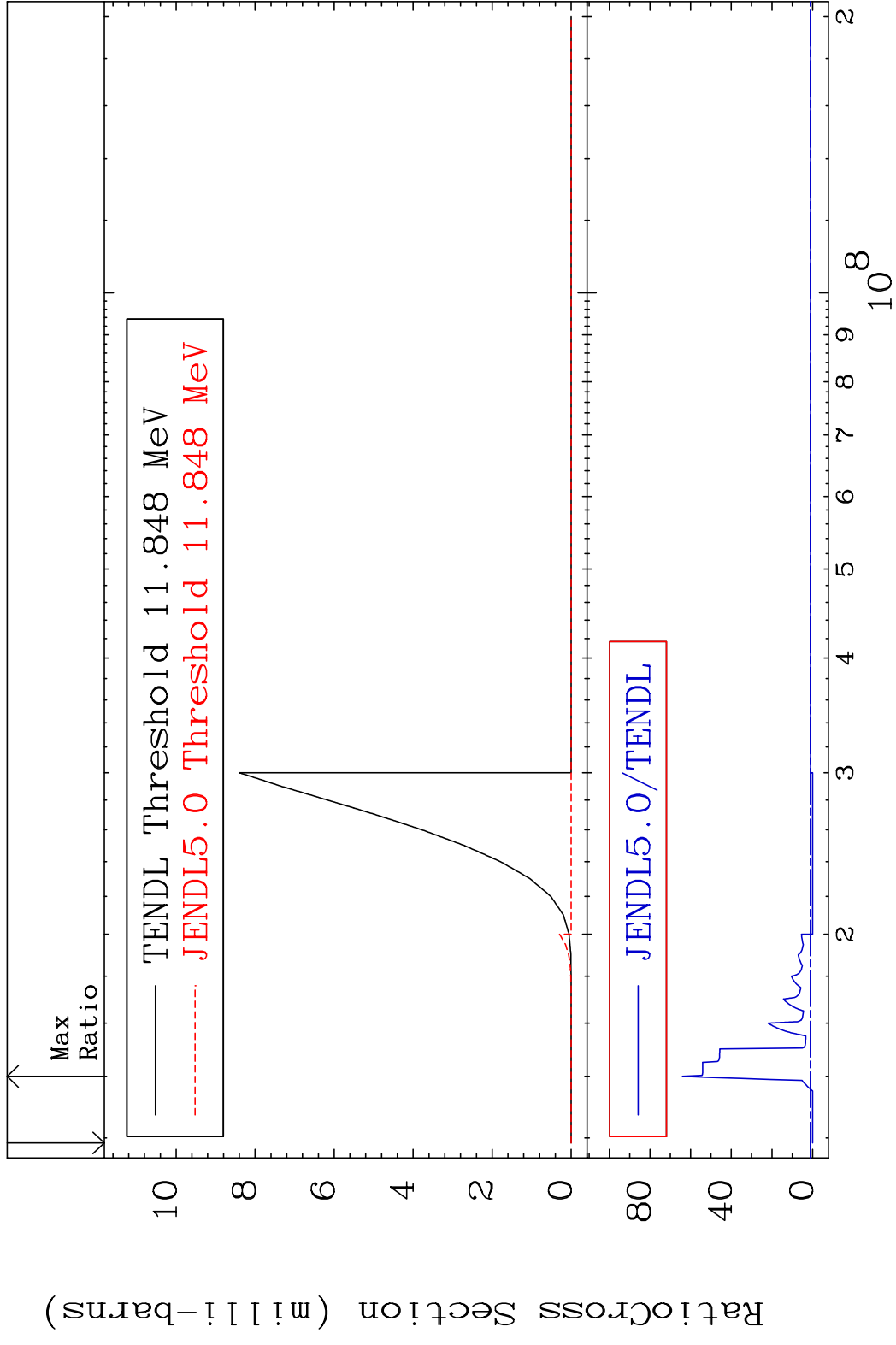
MAT 6846 (n,2n) α 68-Er-169
 Cross Section -100.0 To 0.000 %



MAT 6846 (n, n') p 68-Er-169
 Cross Section -100.0 To 48.99 %

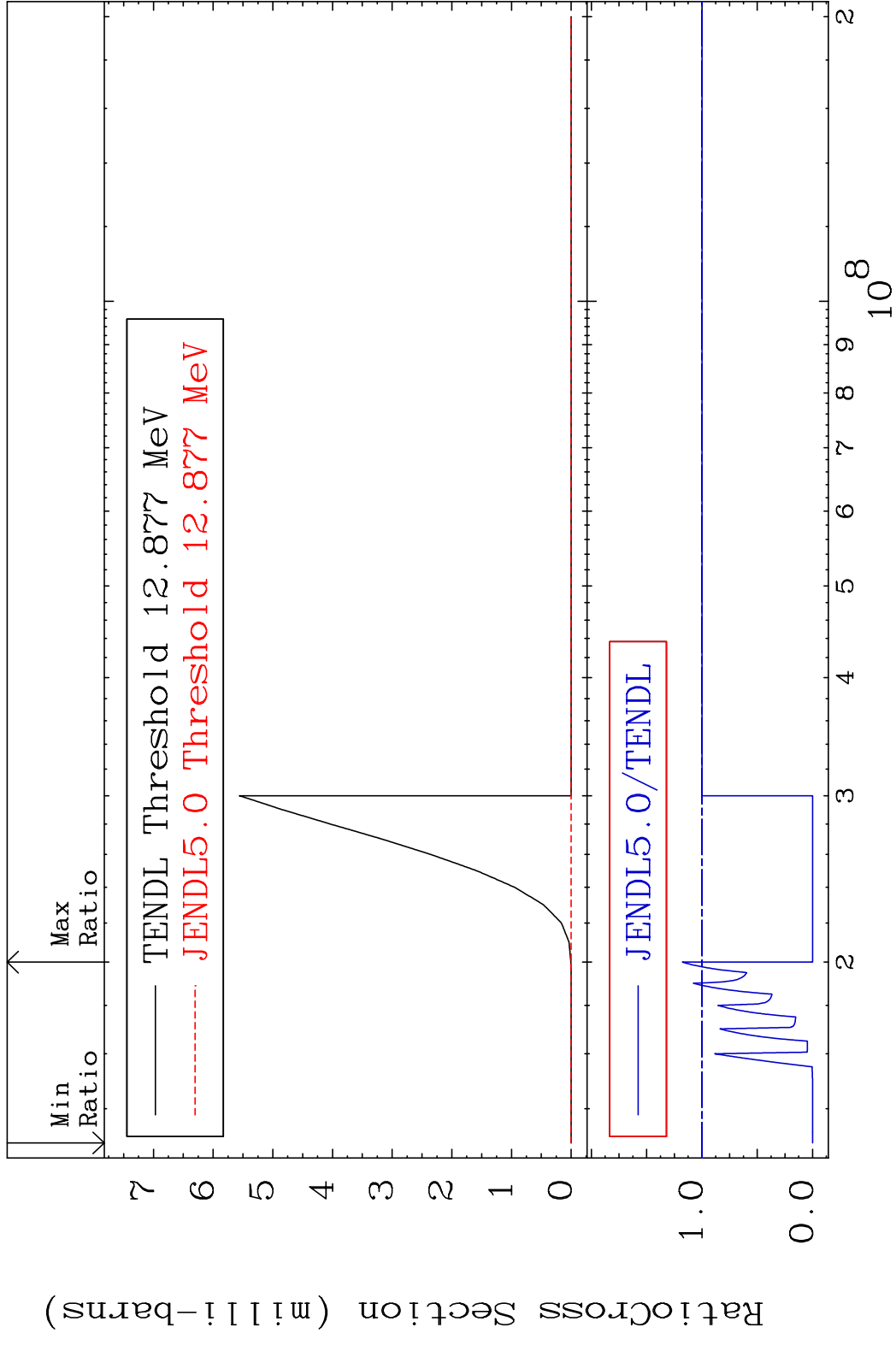


MAT 6846 (n, n') d 68-Er-169
 Cross Section -100.0 To 6307. %

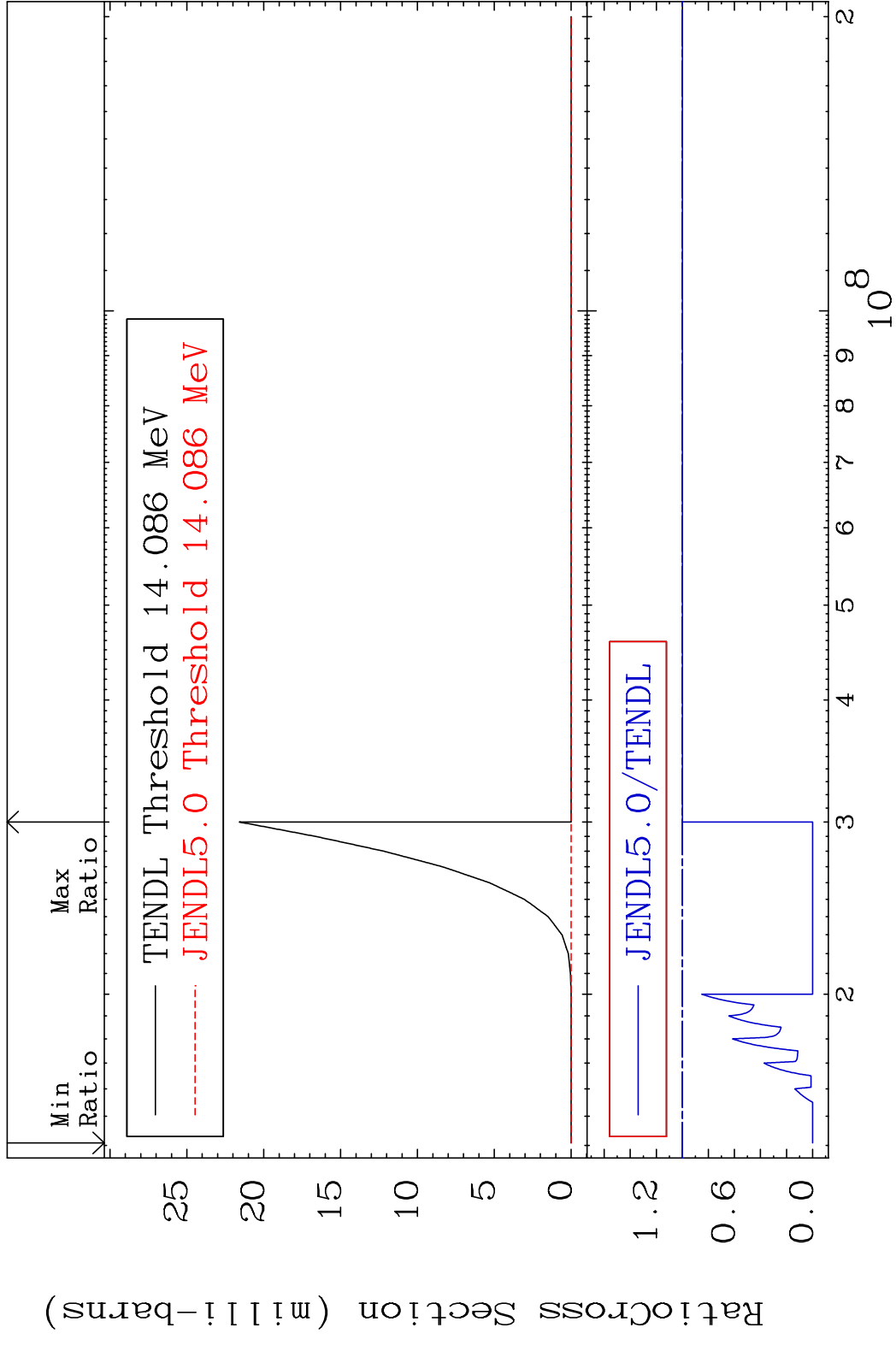


10 Incident Energy (eV) 68-Er-169

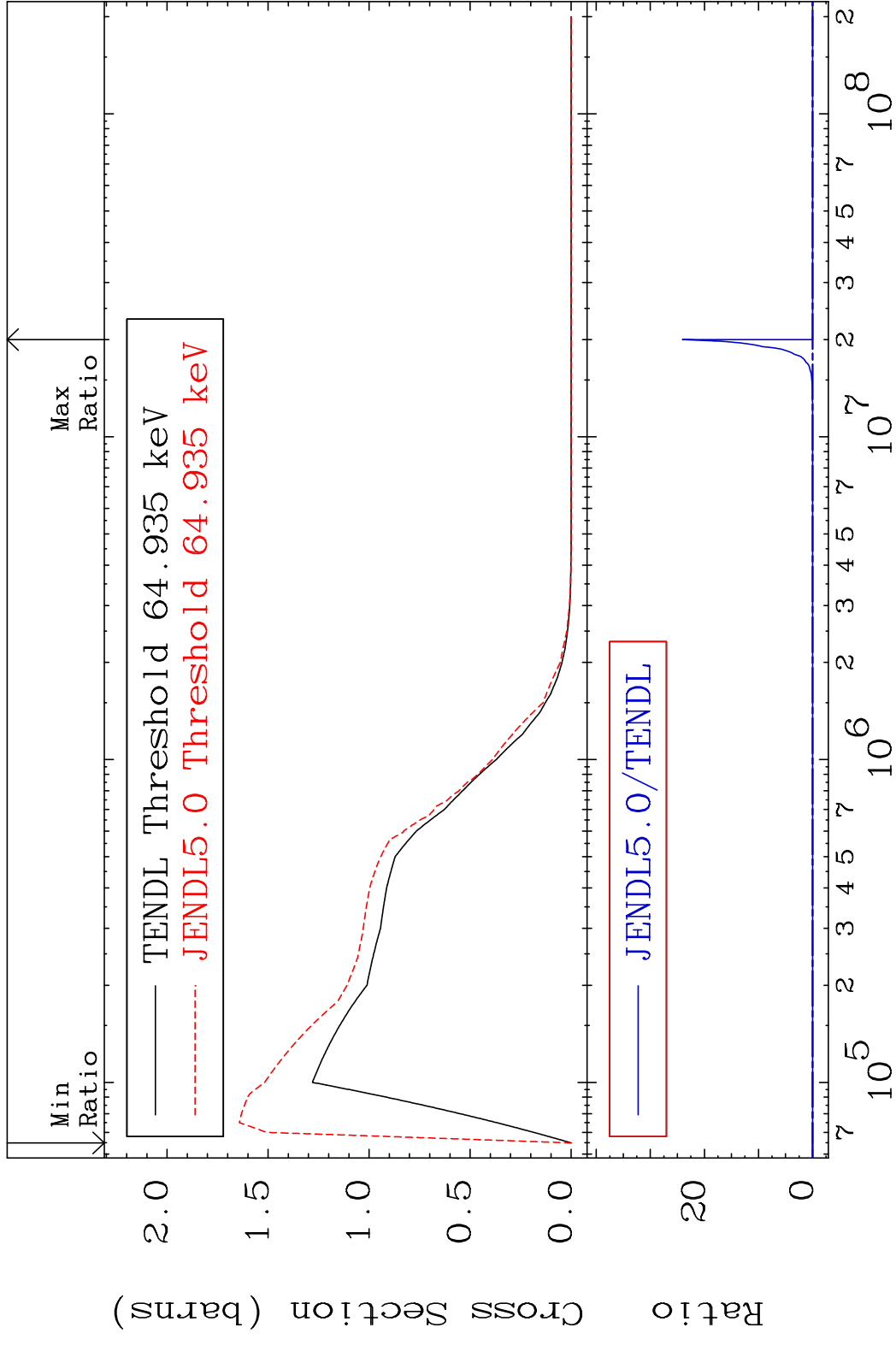
MAT 6846 (n, n') t 68-Er-169
 Cross Section -100.0 To 17.72 %



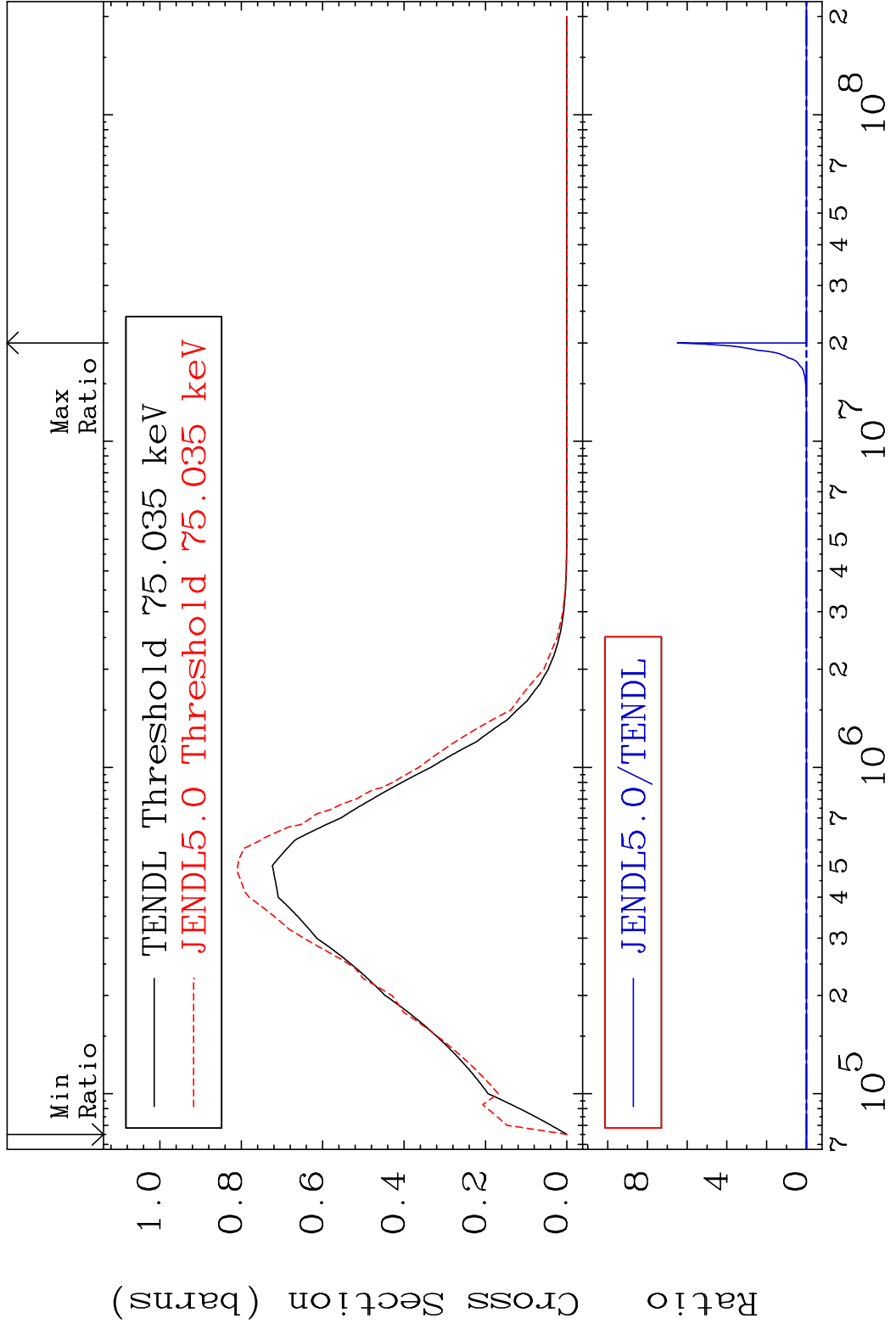
MAT 6846 (n,2n) p 68-Er-169
 Cross Section -100.0 To 0.000 %



MAT 6846 MT= 51 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

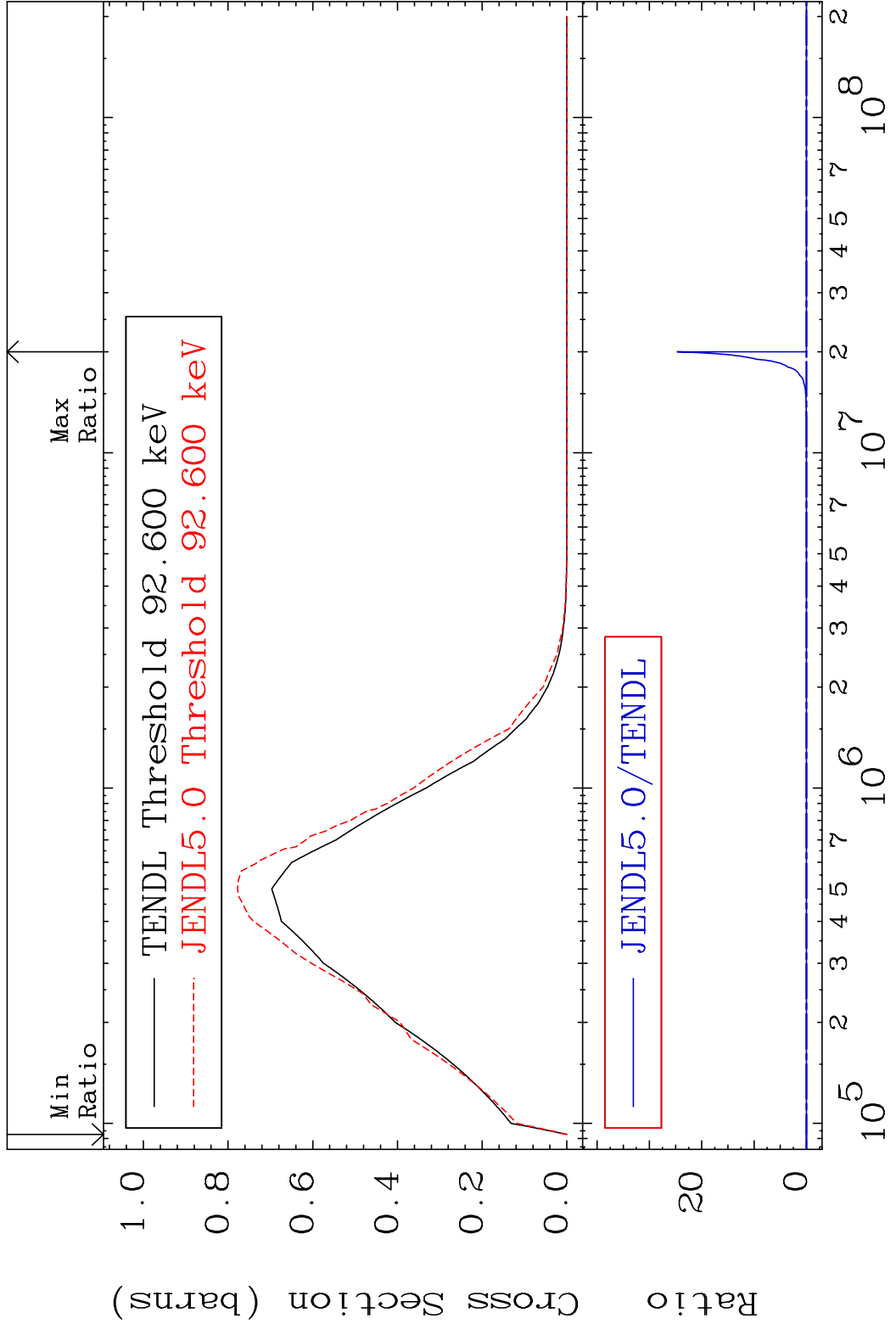


MAT 6846 MT= 52 (n, n') Level 68-Er-169
Cross Section -100.0 To 9999. %



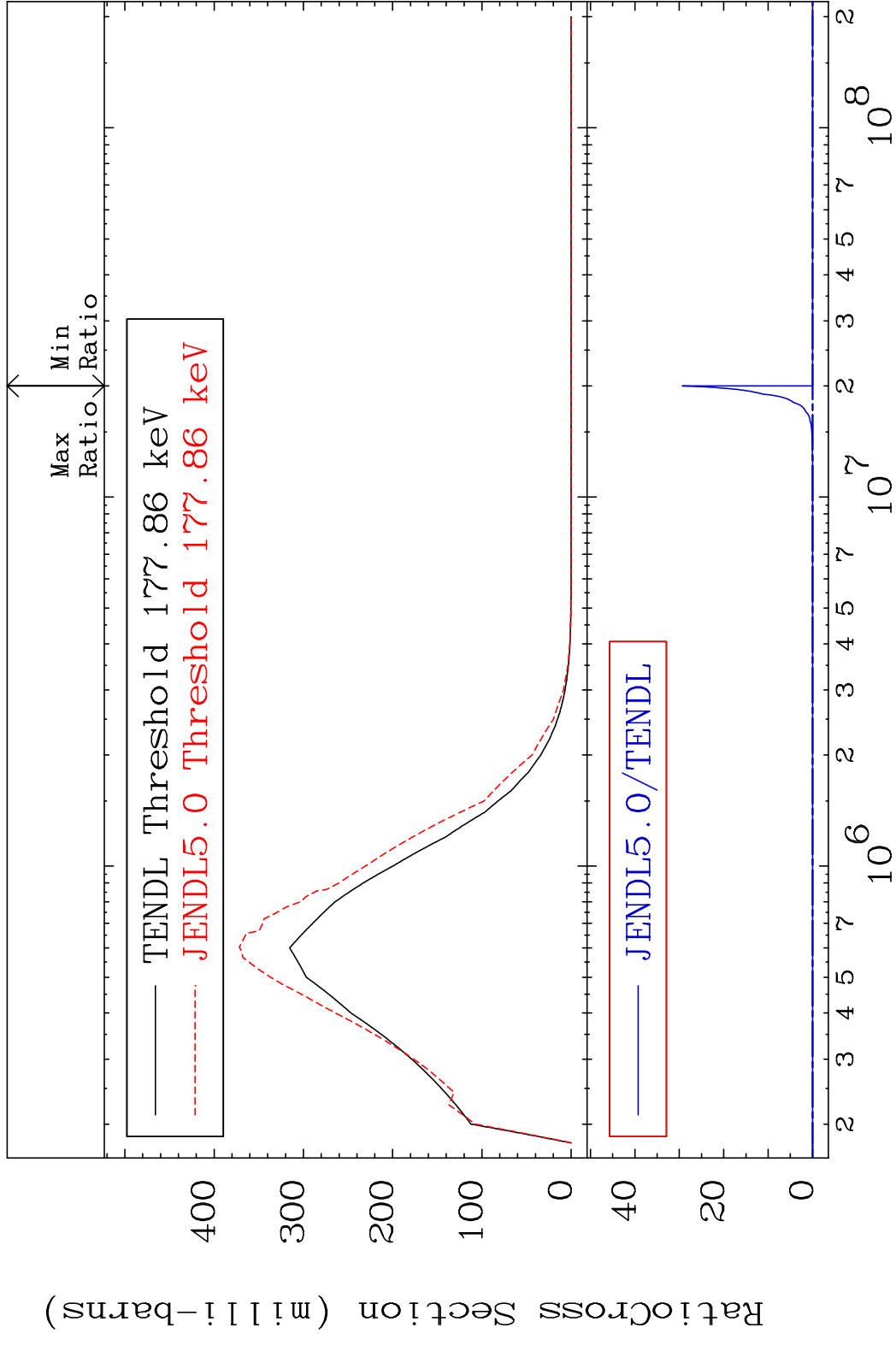
14 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 53 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

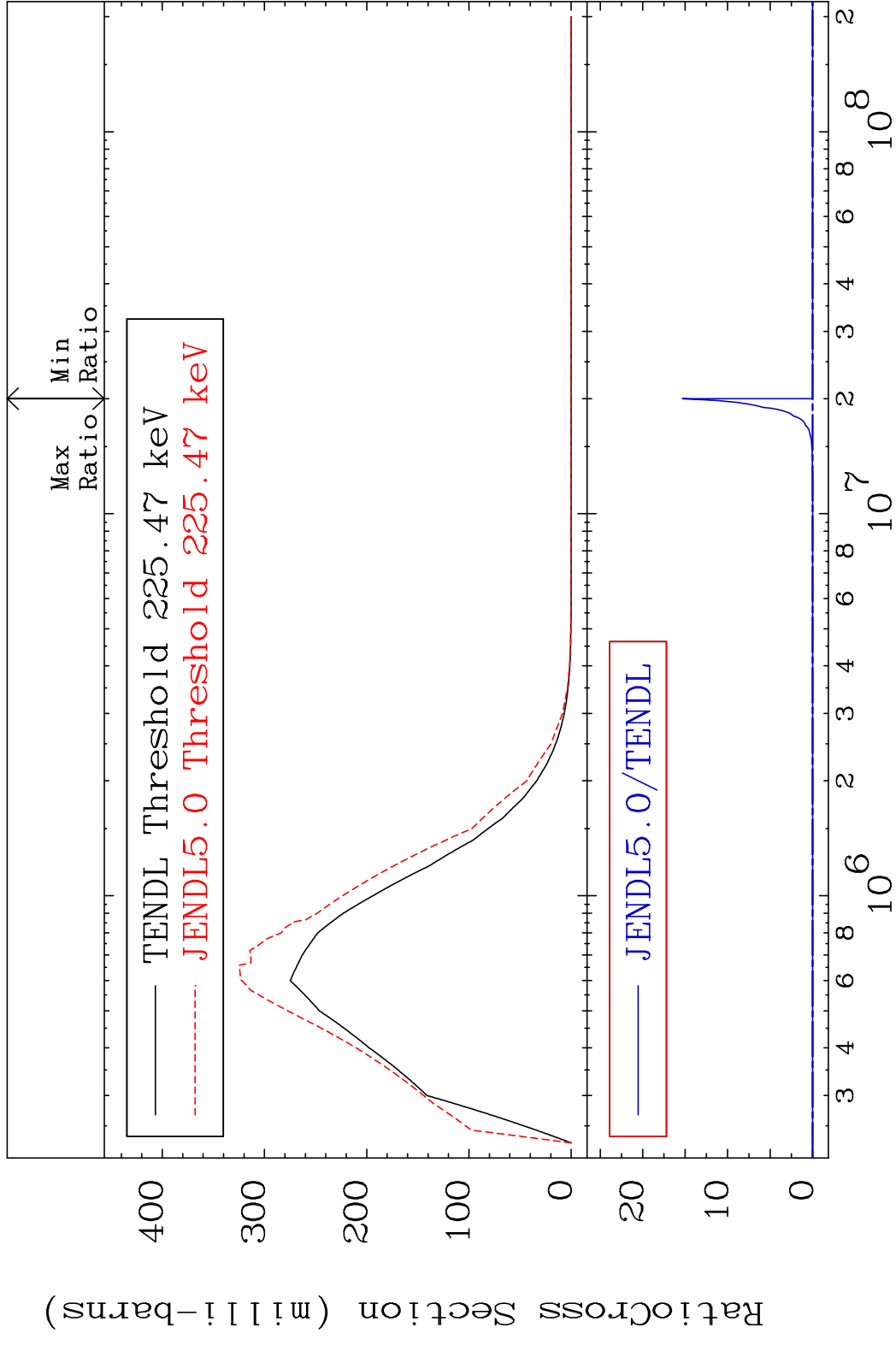


15 15 Incident Energy (eV) 68-Er-169

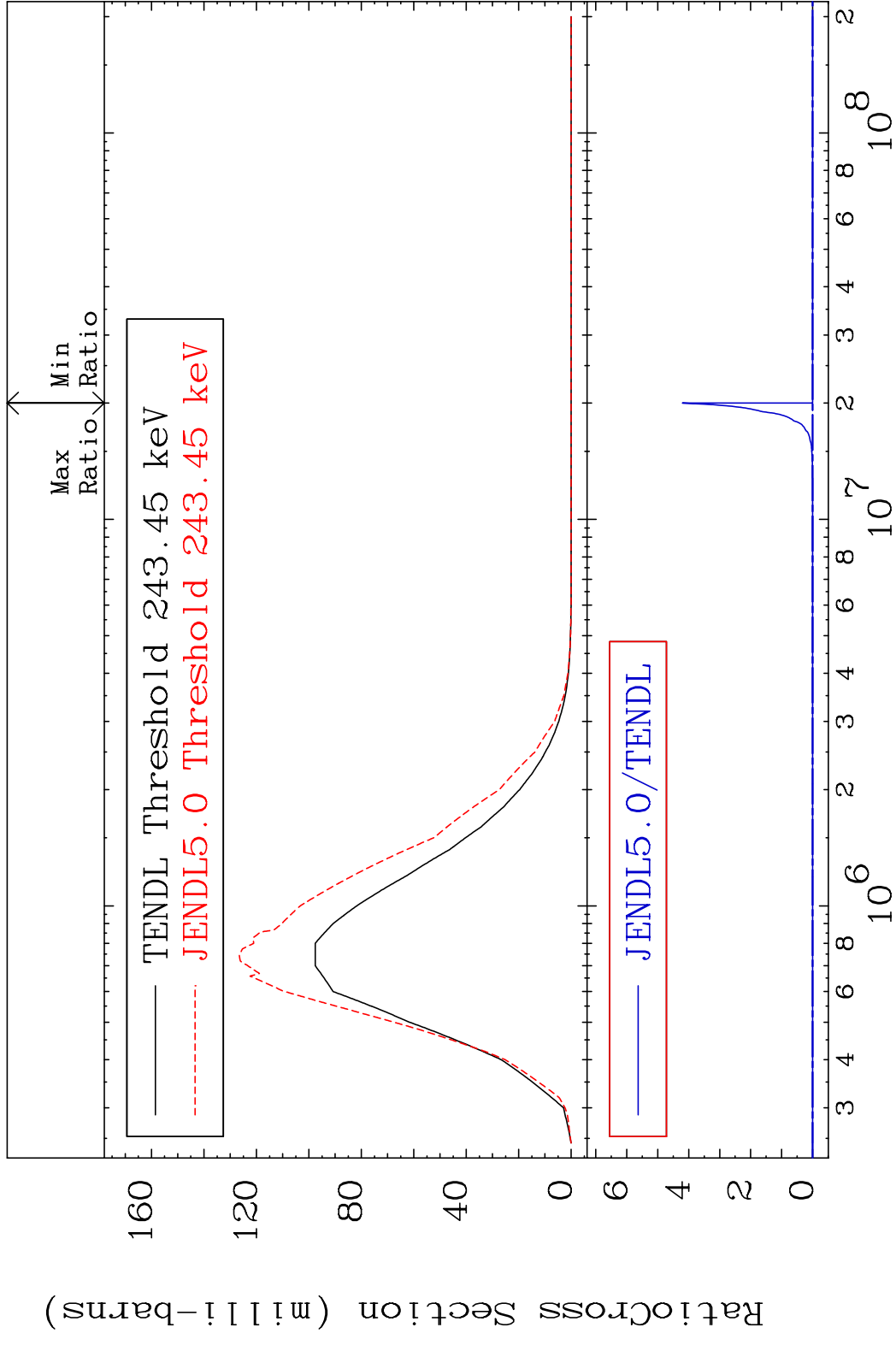
MAT 6846 MT= 54 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



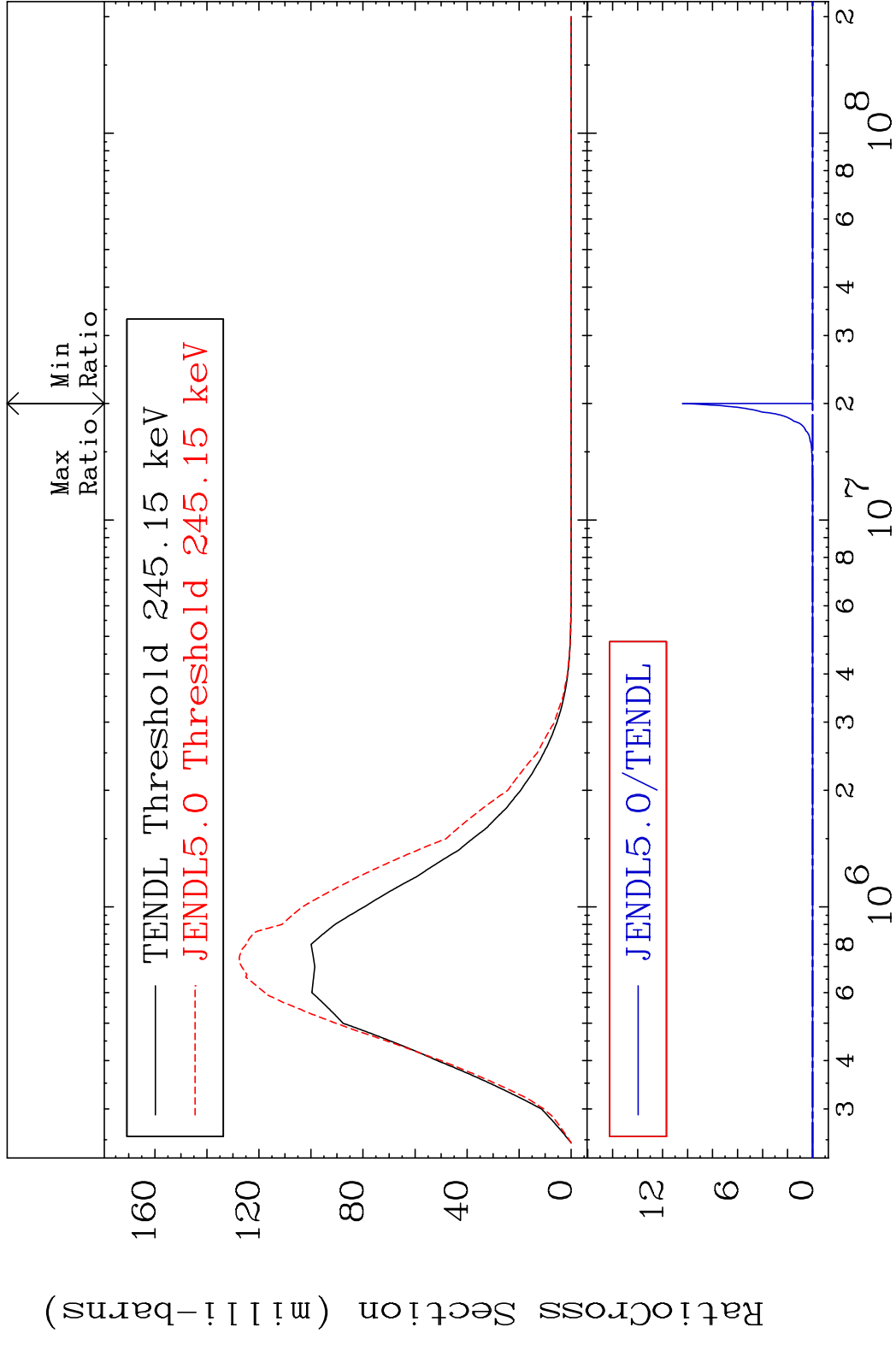
MAT 6846 MT= 55 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



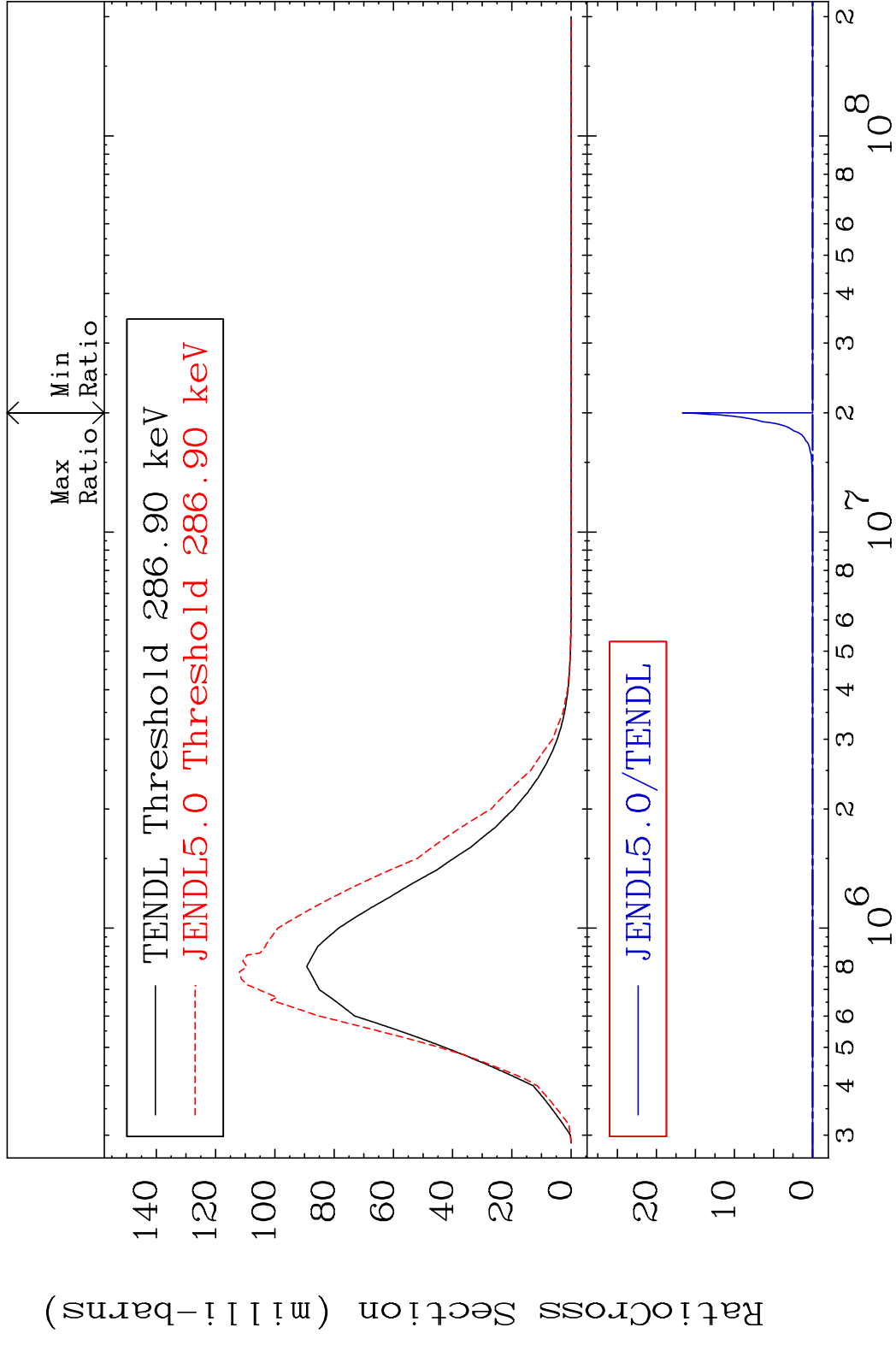
MAT 6846 MT= 56 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 MT= 57 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

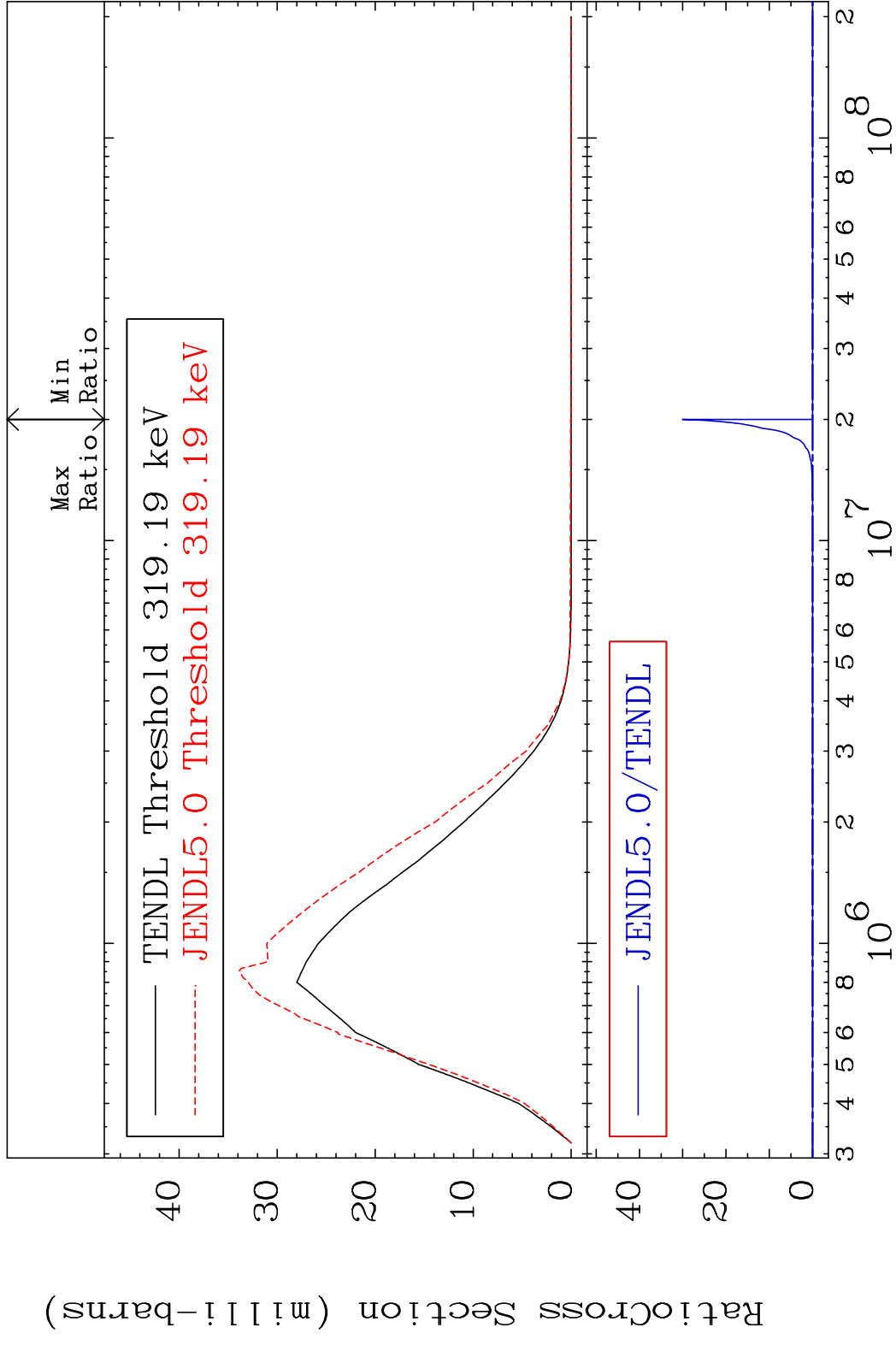


MAT 6846 MT= 58 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

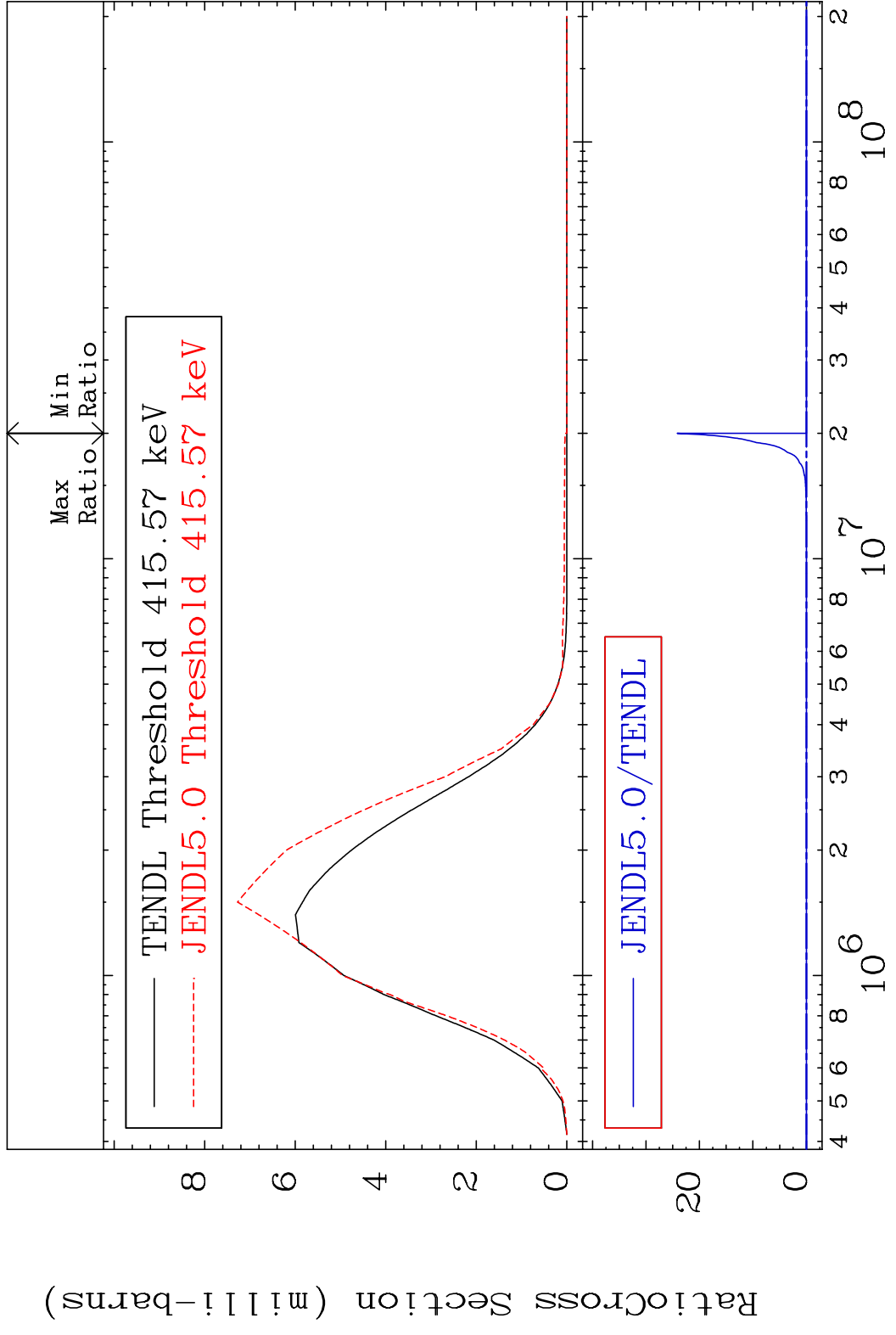


20 Incident Energy (eV) 68-Er-169

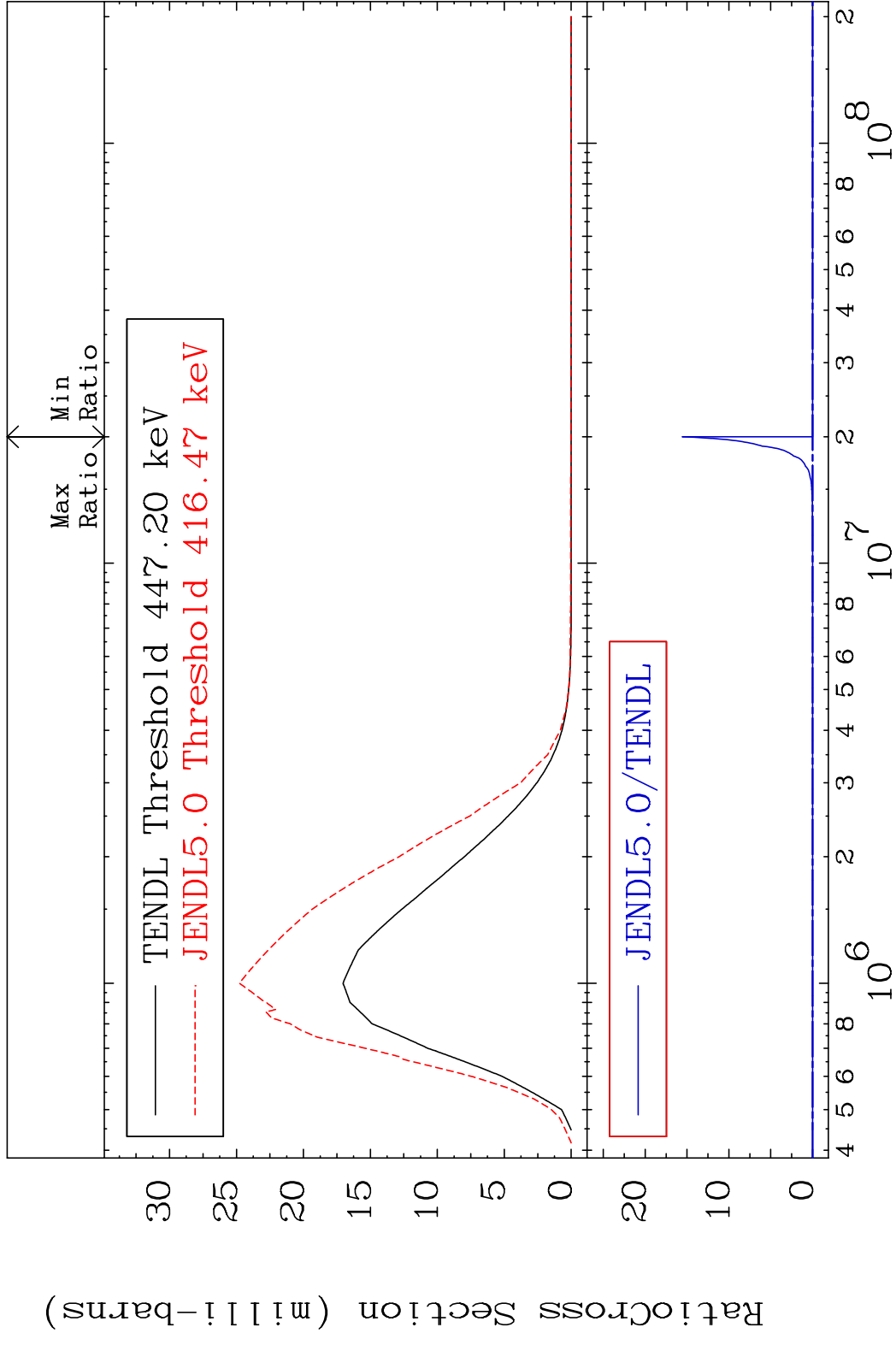
MAT 6846 MT= 59 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



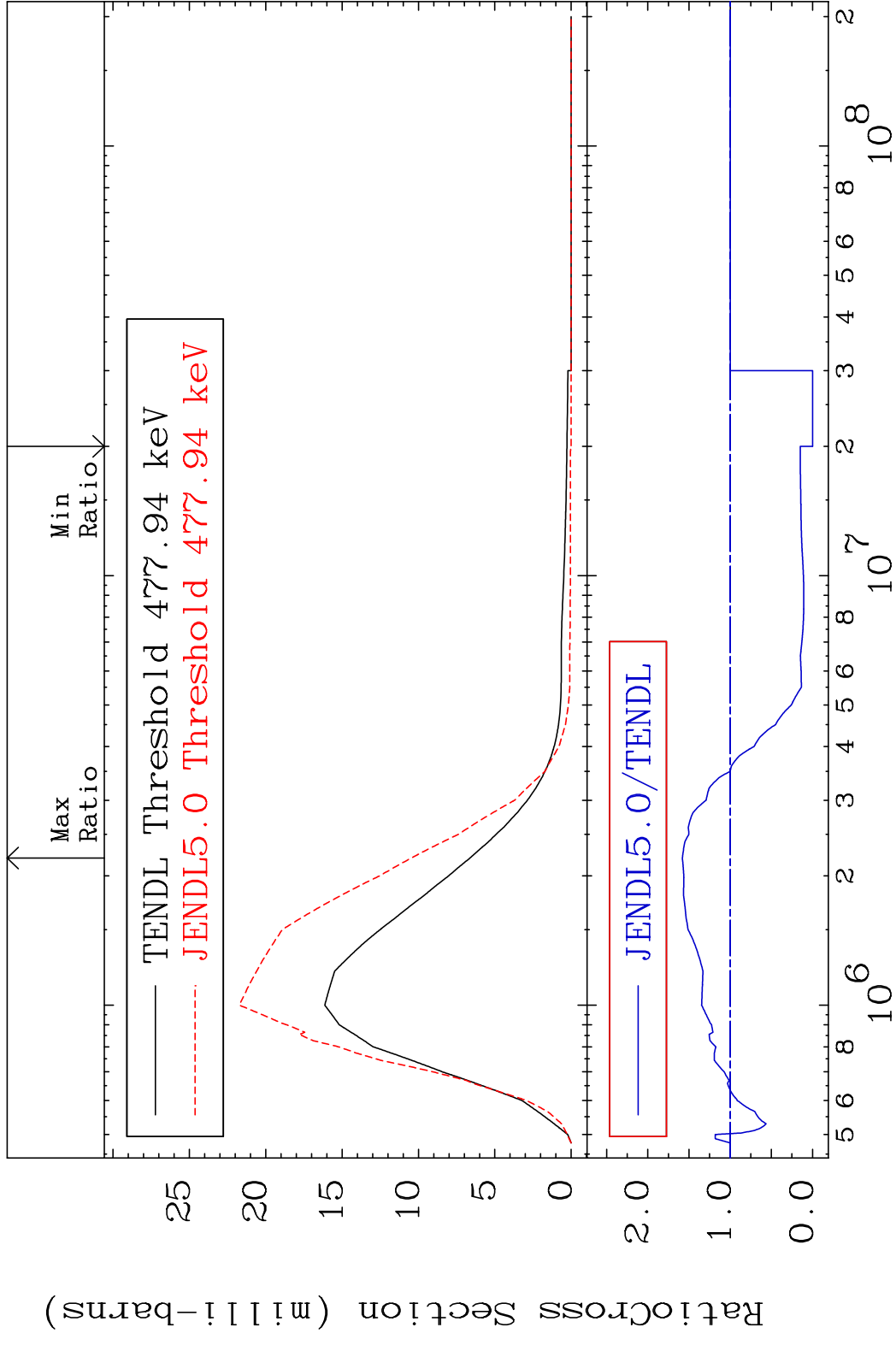
MAT 6846 MT= 60 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



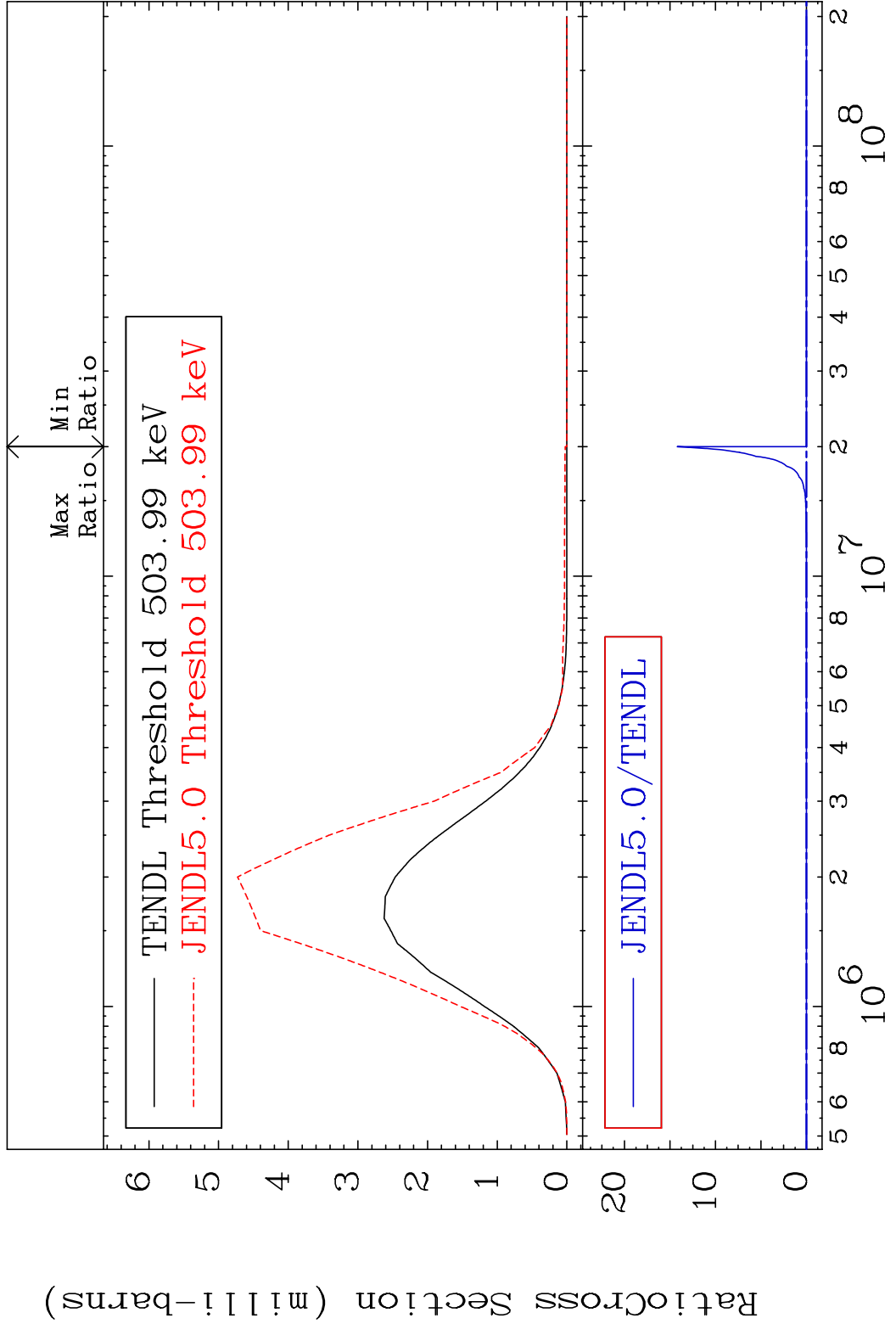
MAT 6846 MT= 61 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



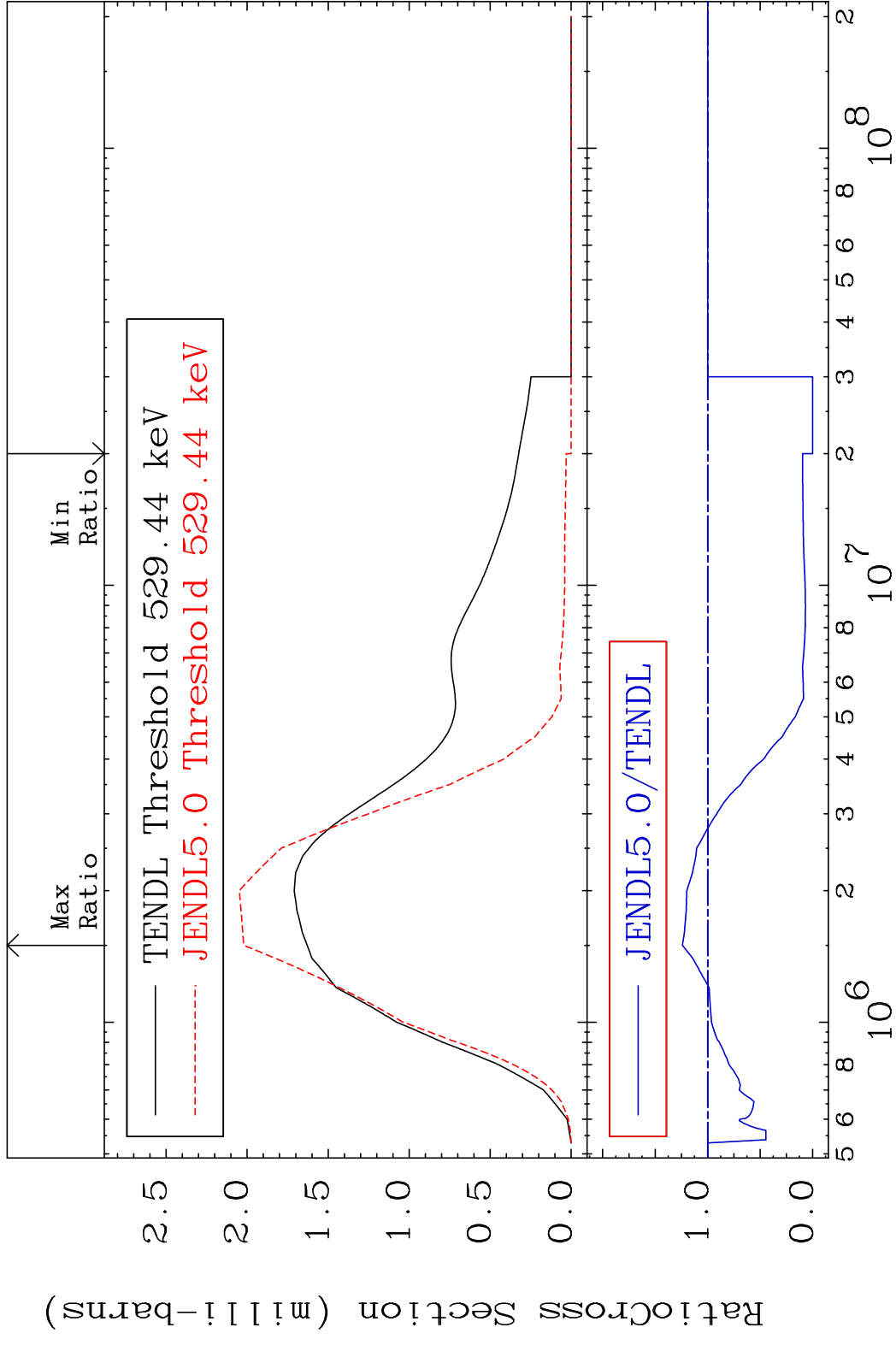
MAT 6846 MT= 62 (n, n') Level 68-Er-169
 Cross Section -100.0 To 58.09 %



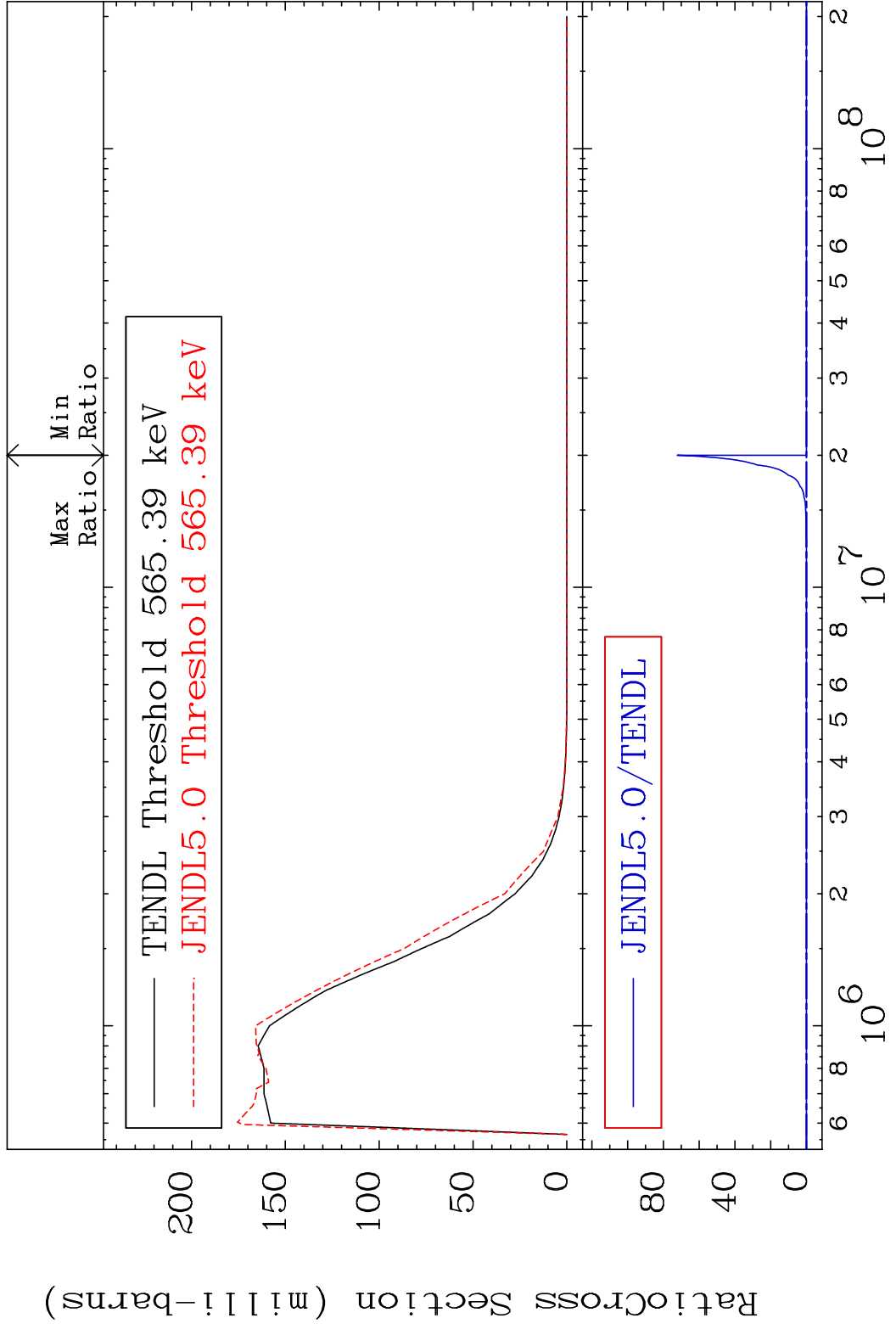
MAT 6846 MT= 63 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



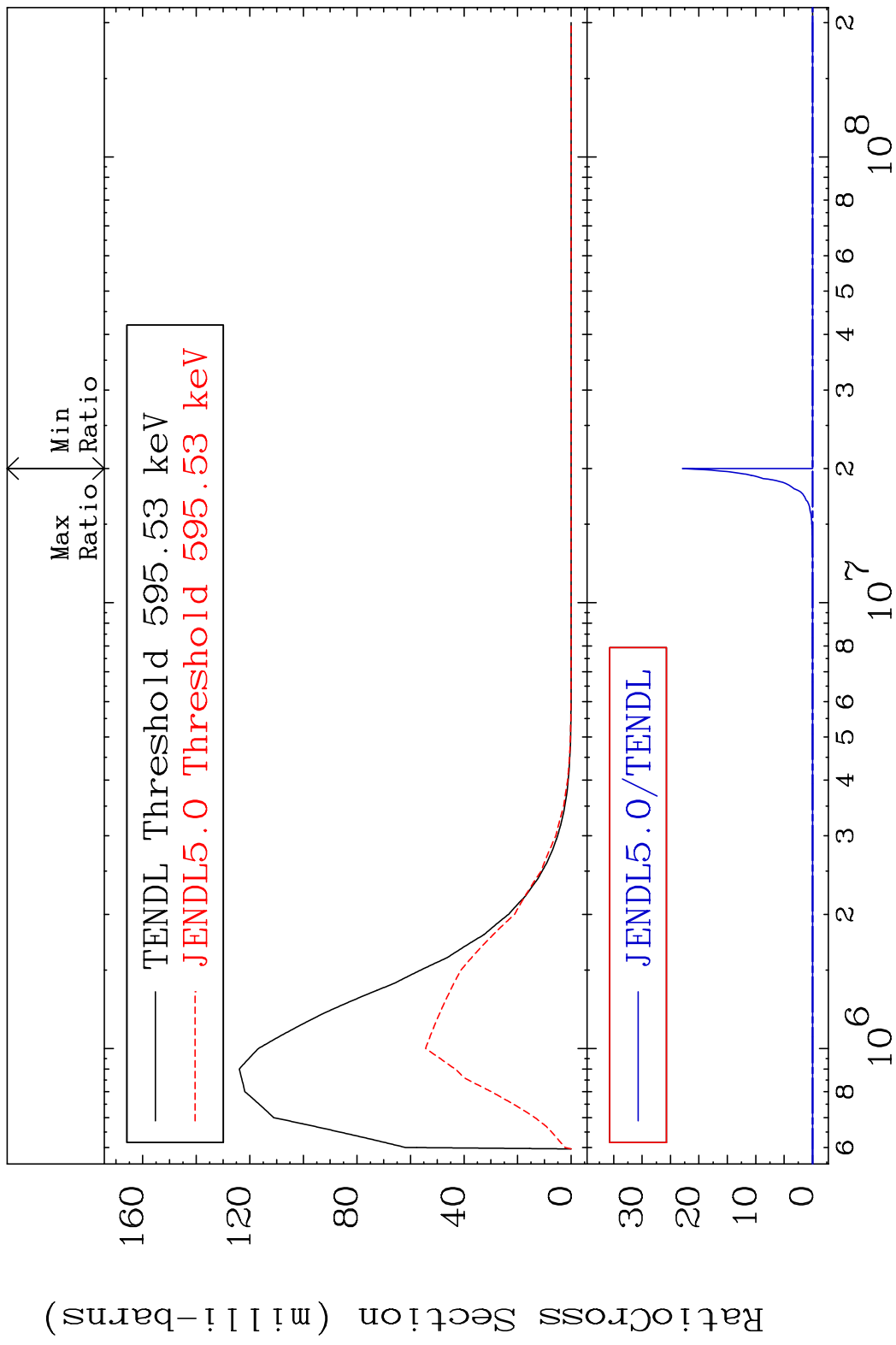
MAT 6846 MT= 64 (n, n') Level 68-Er-169
 Cross Section -100.0 To 24.07 %



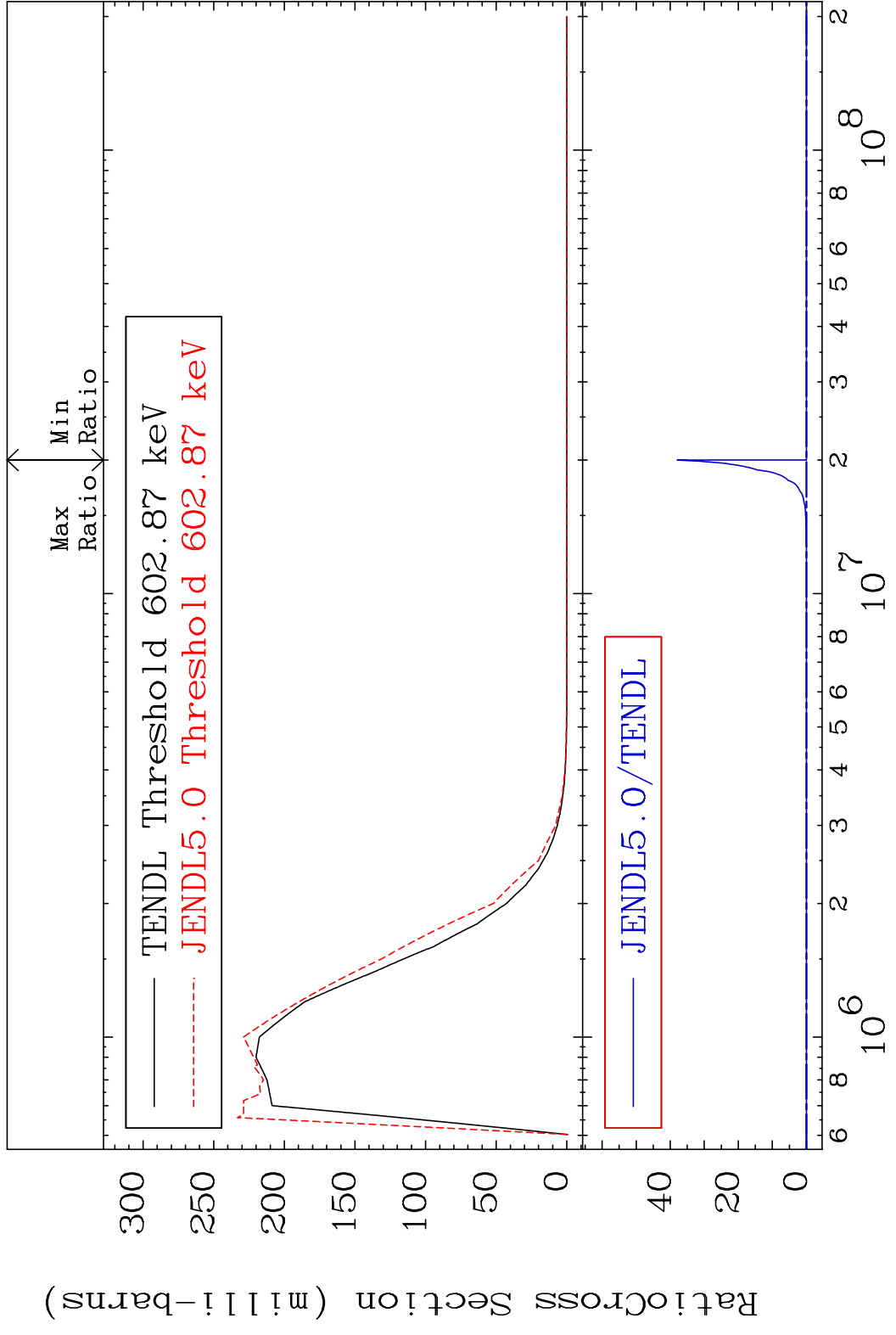
MAT 6846 MT= 65 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



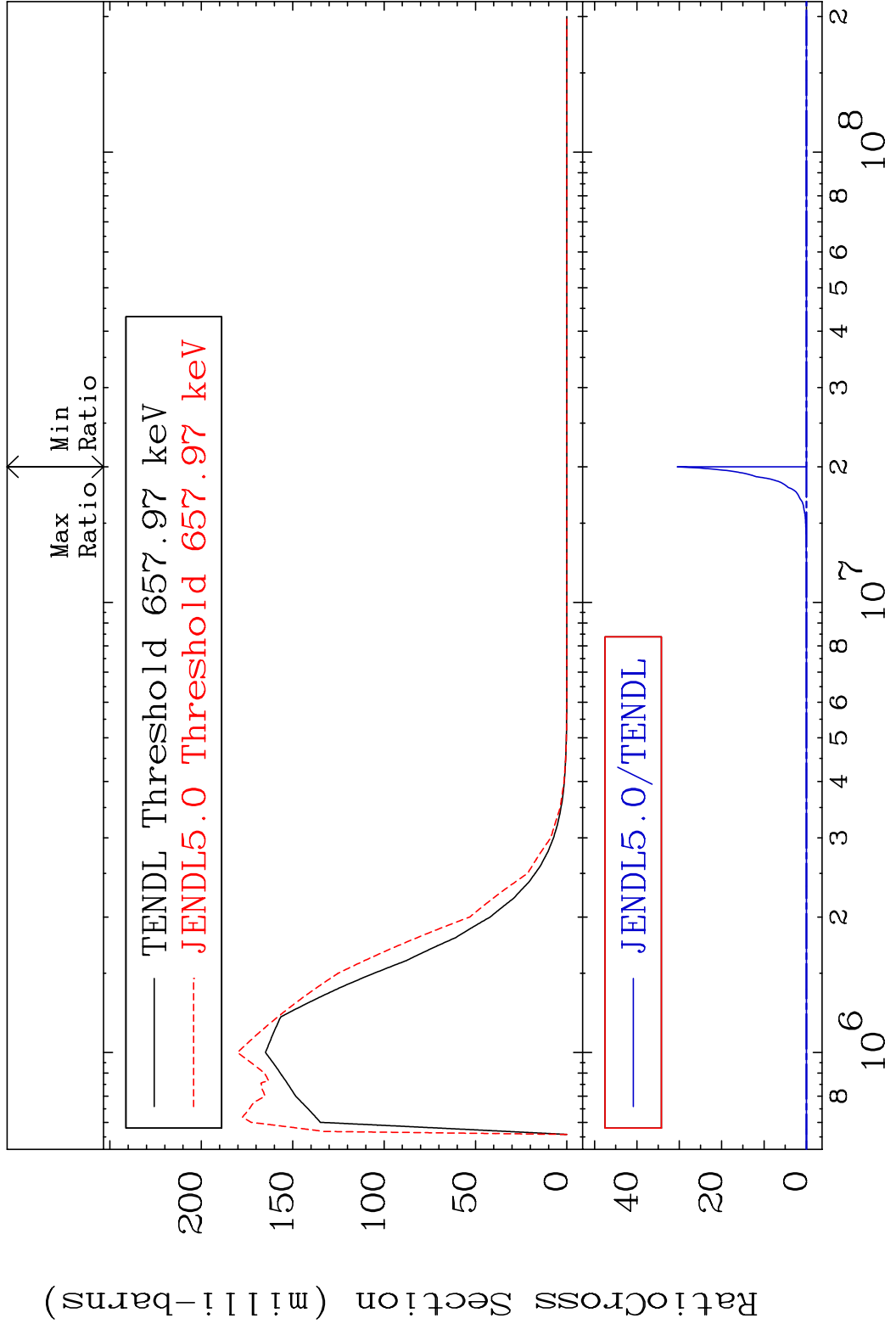
MAT 6846 MT= 66 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 MT= 67 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

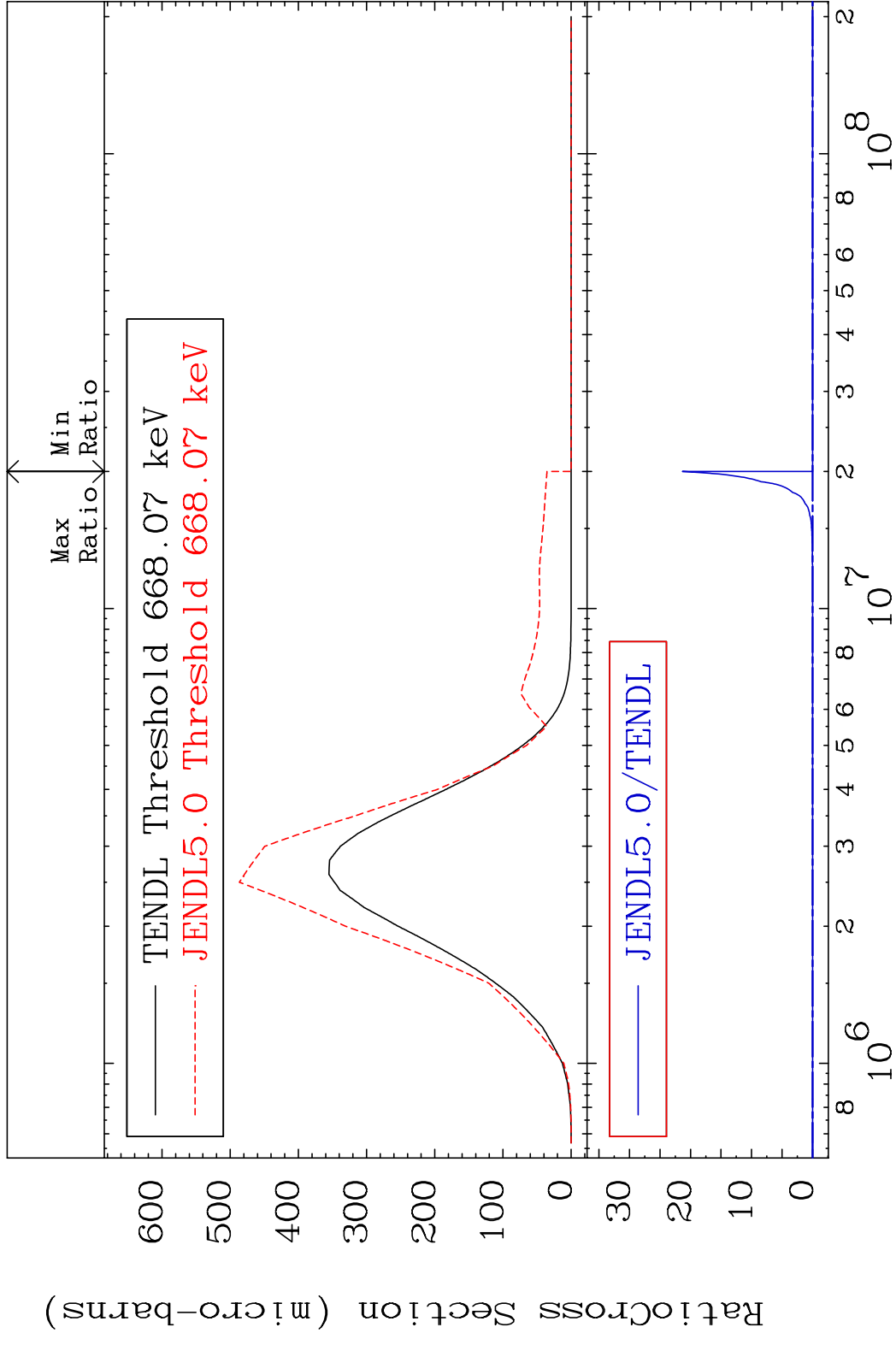


MAT 6846 MT= 68 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

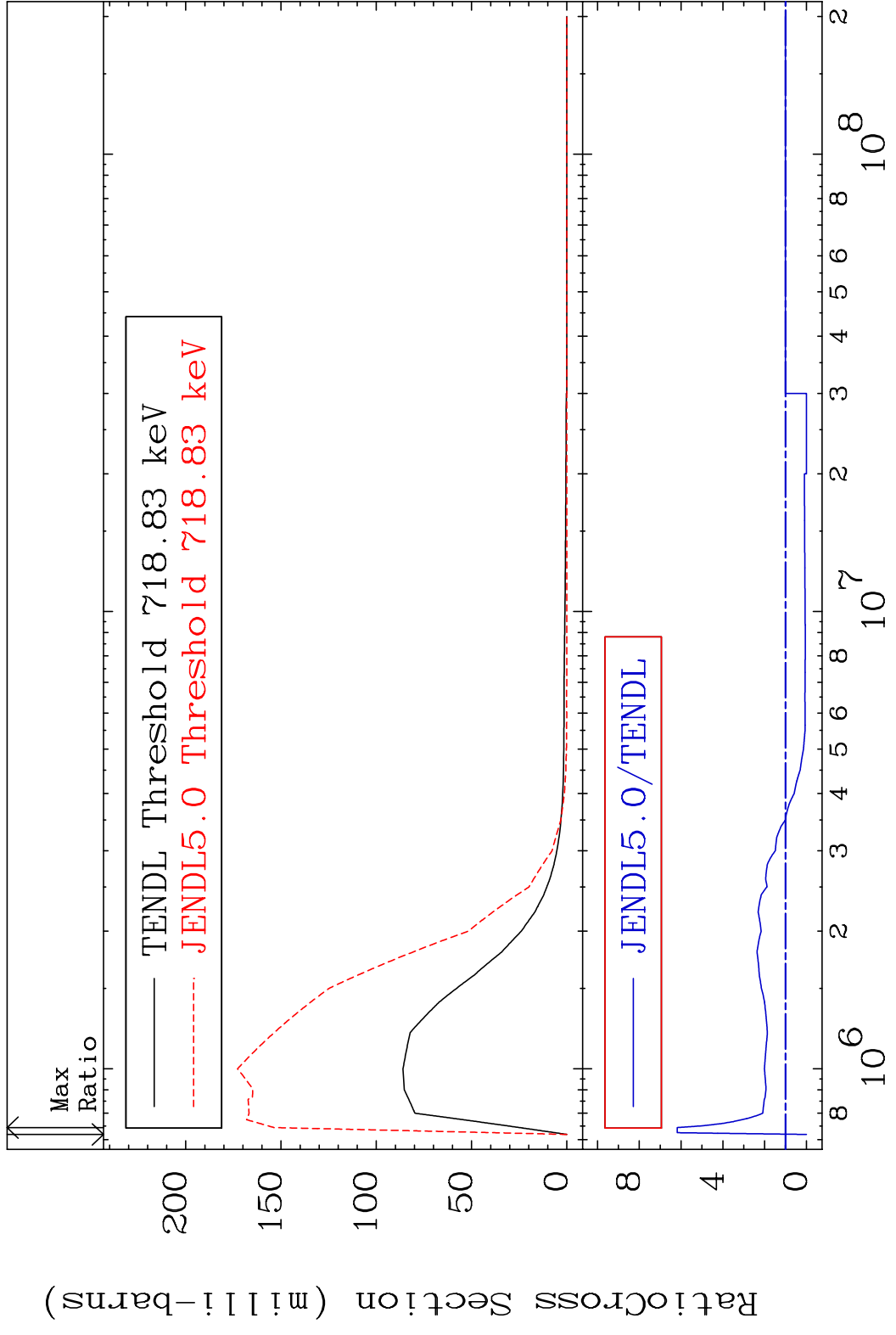


30 Incident Energy (eV) 68-Er-169

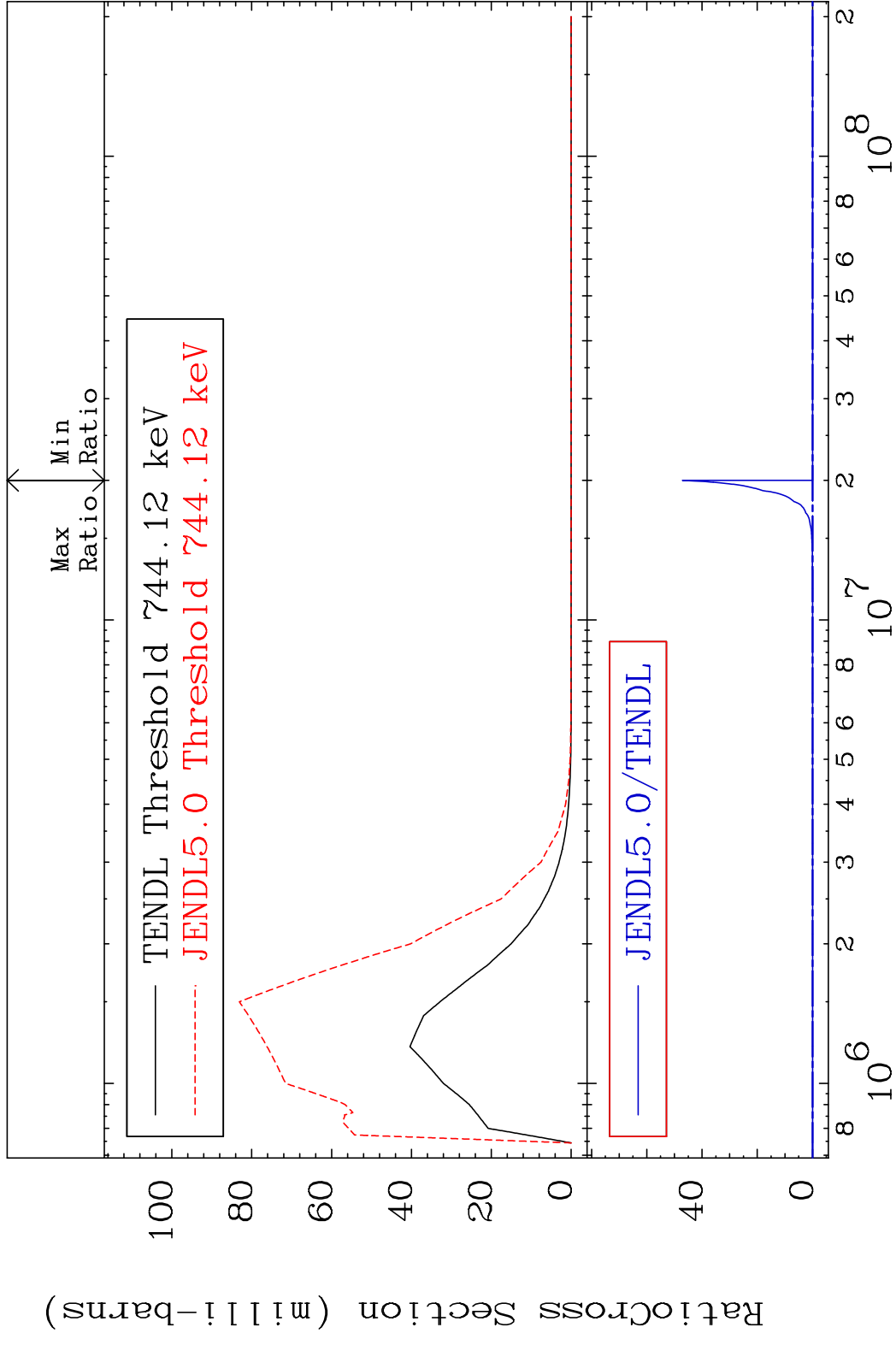
MAT 6846 MT= 69 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 MT= 70 (n, n') Level 68-Er-169
 Cross Section -100.0 To 518.7 %

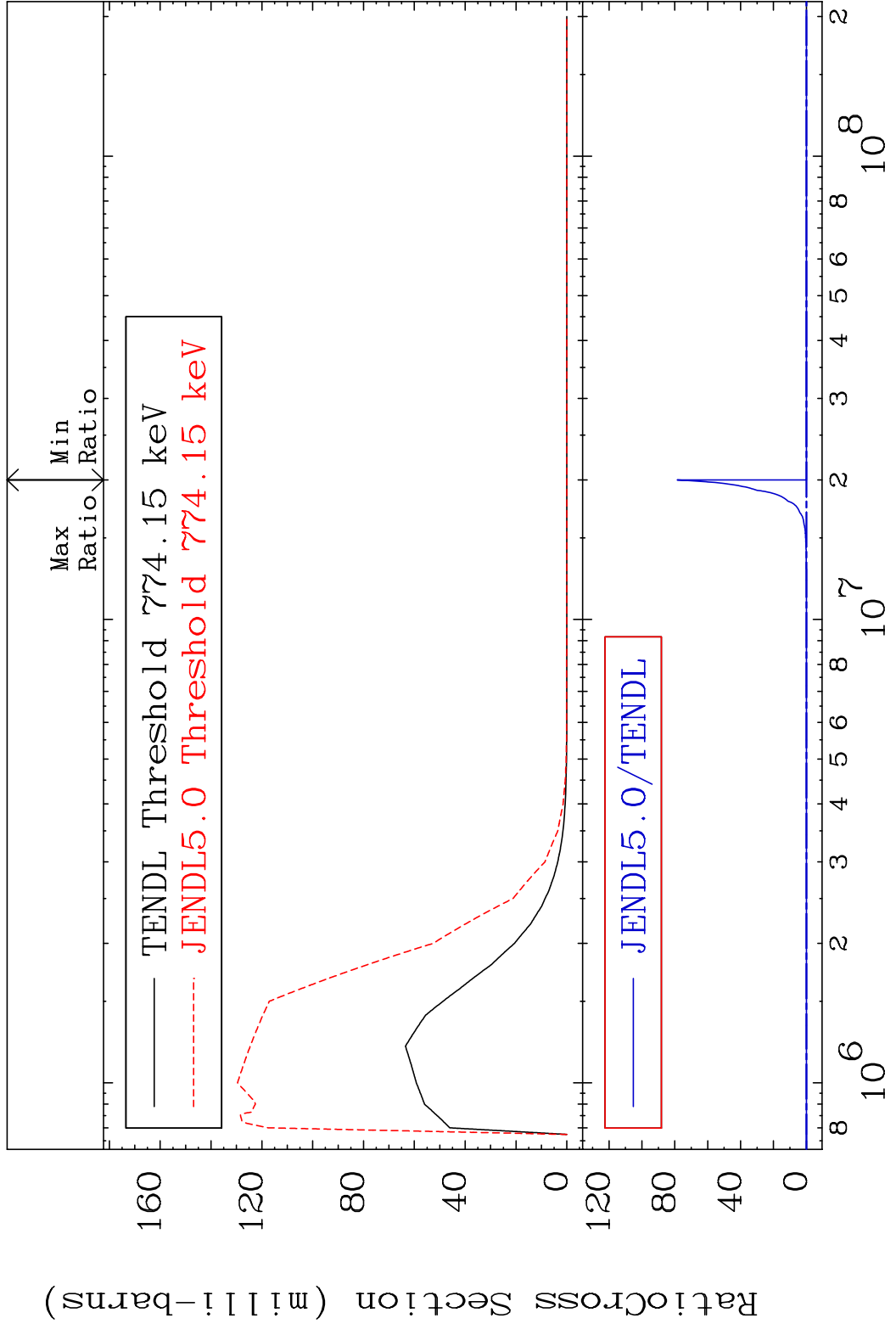


MAT 6846 MT= 71 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %

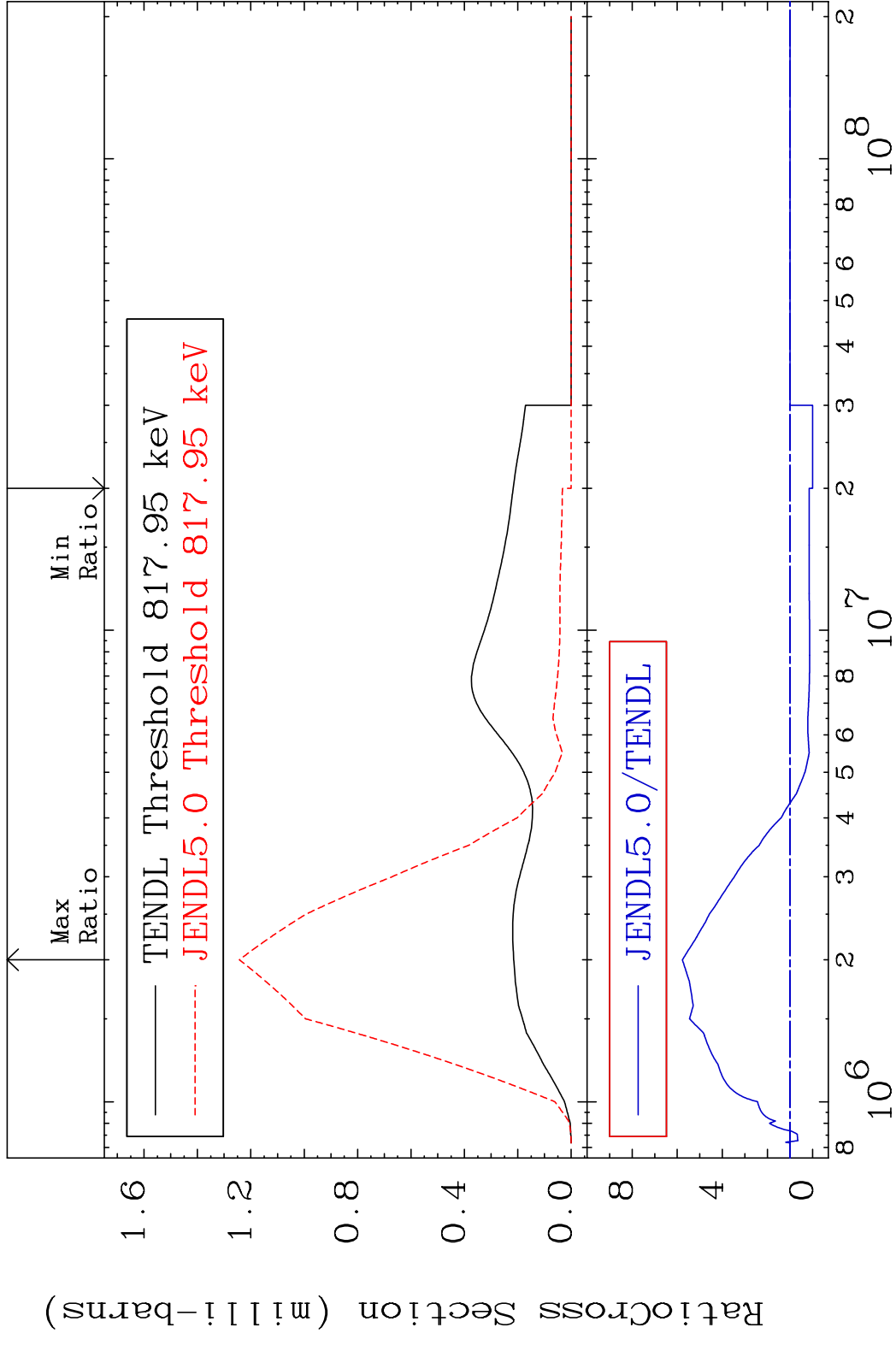


33 Incident Energy (eV) 68-Er-169

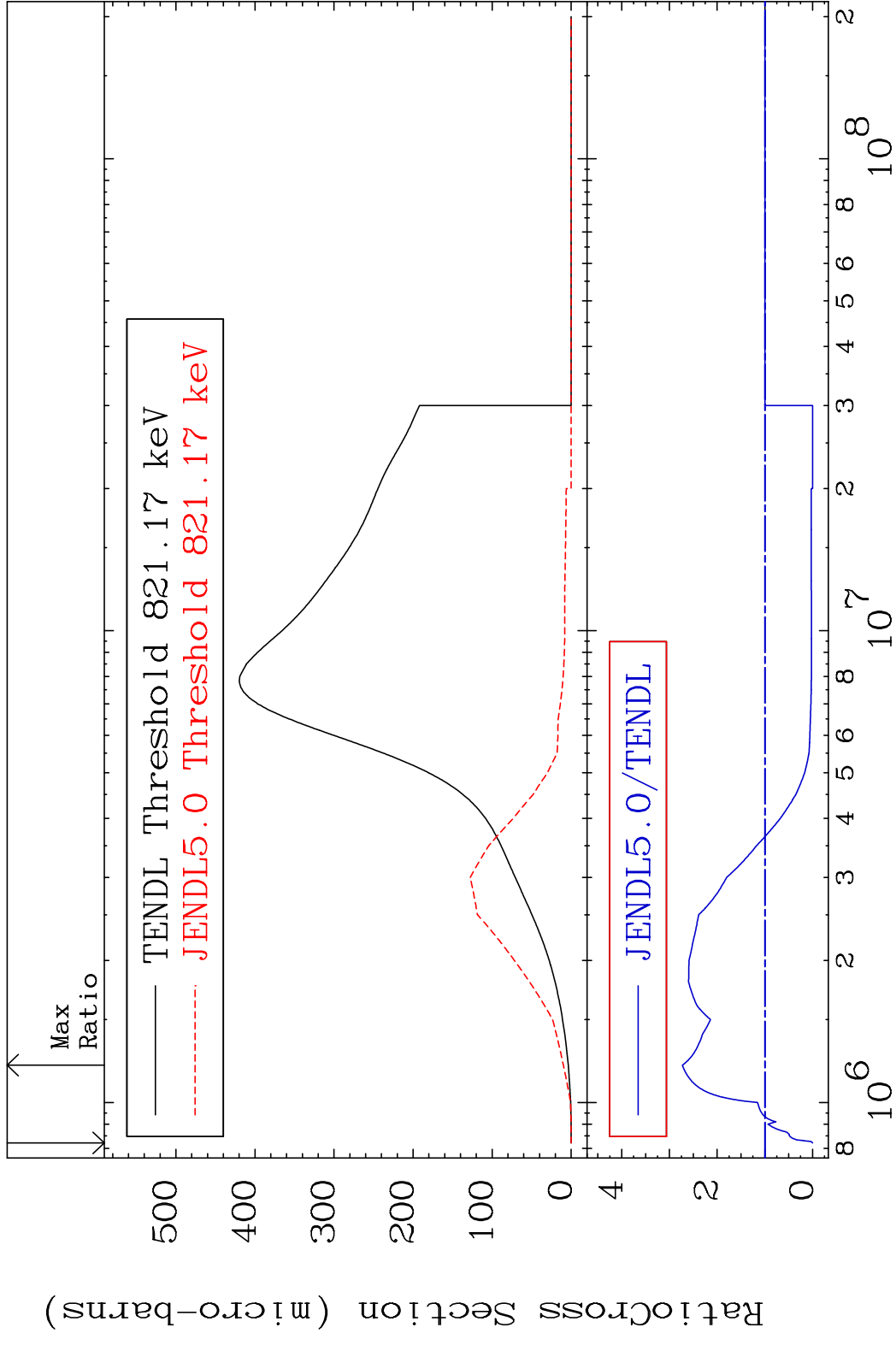
MAT 6846 MT= 72 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



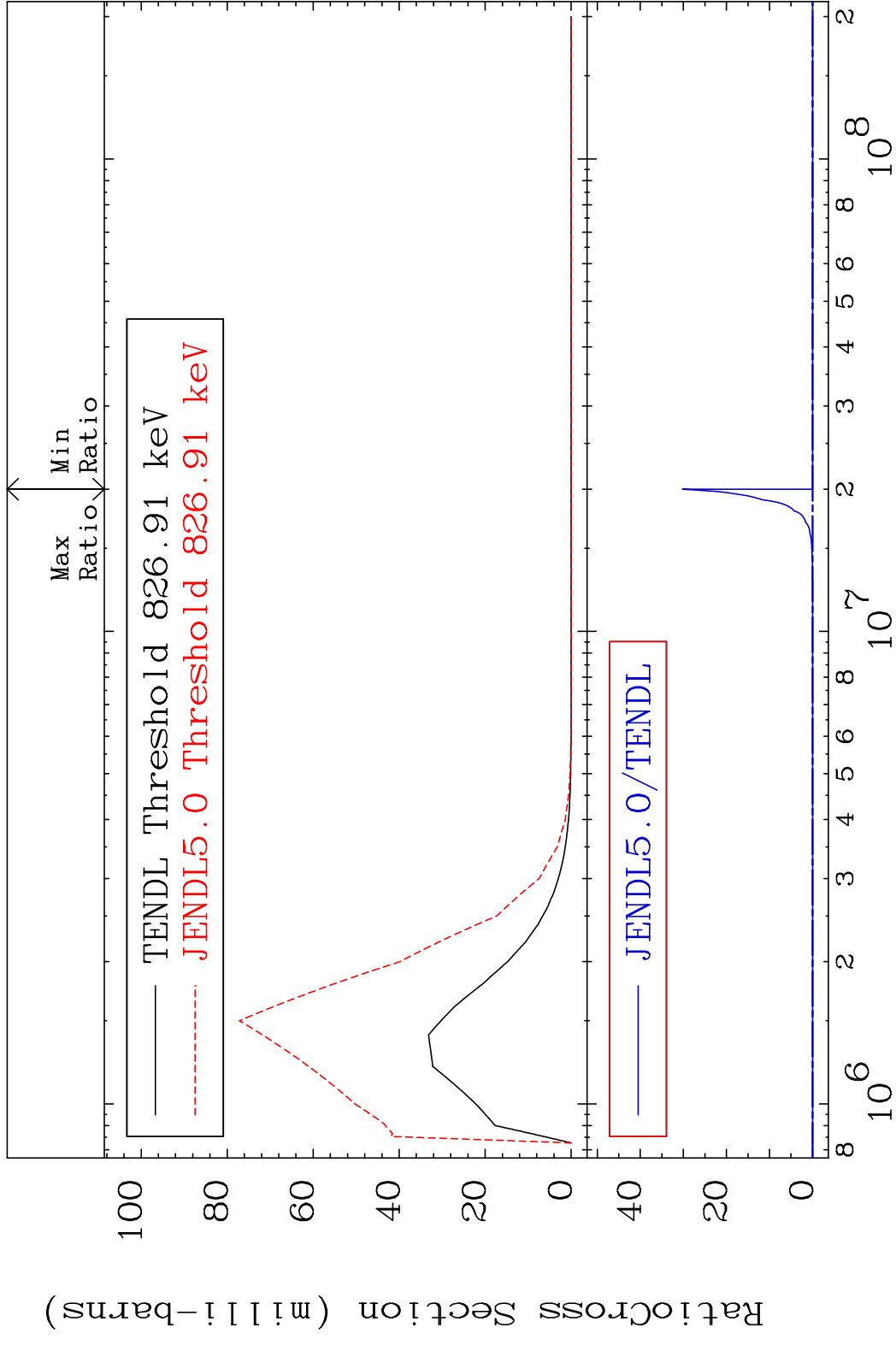
MAT 6846 MT= 73 (n, n') Level 68-Er-169
 Cross Section -100.0 To 477.3 %



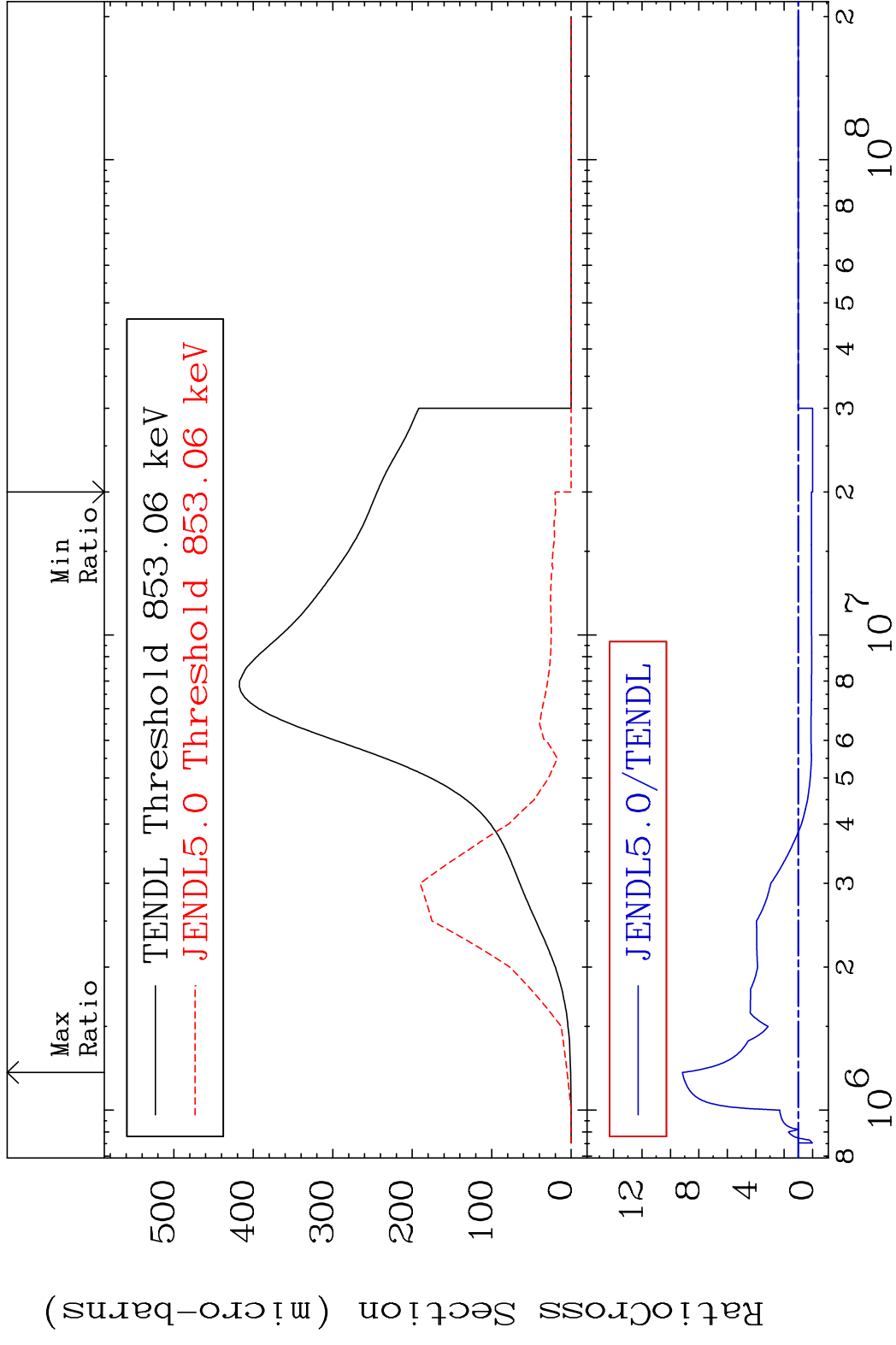
MAT 6846 MT= 74 (n, n') Level 68-Er-169
 Cross Section -100.0 To 172.9 %



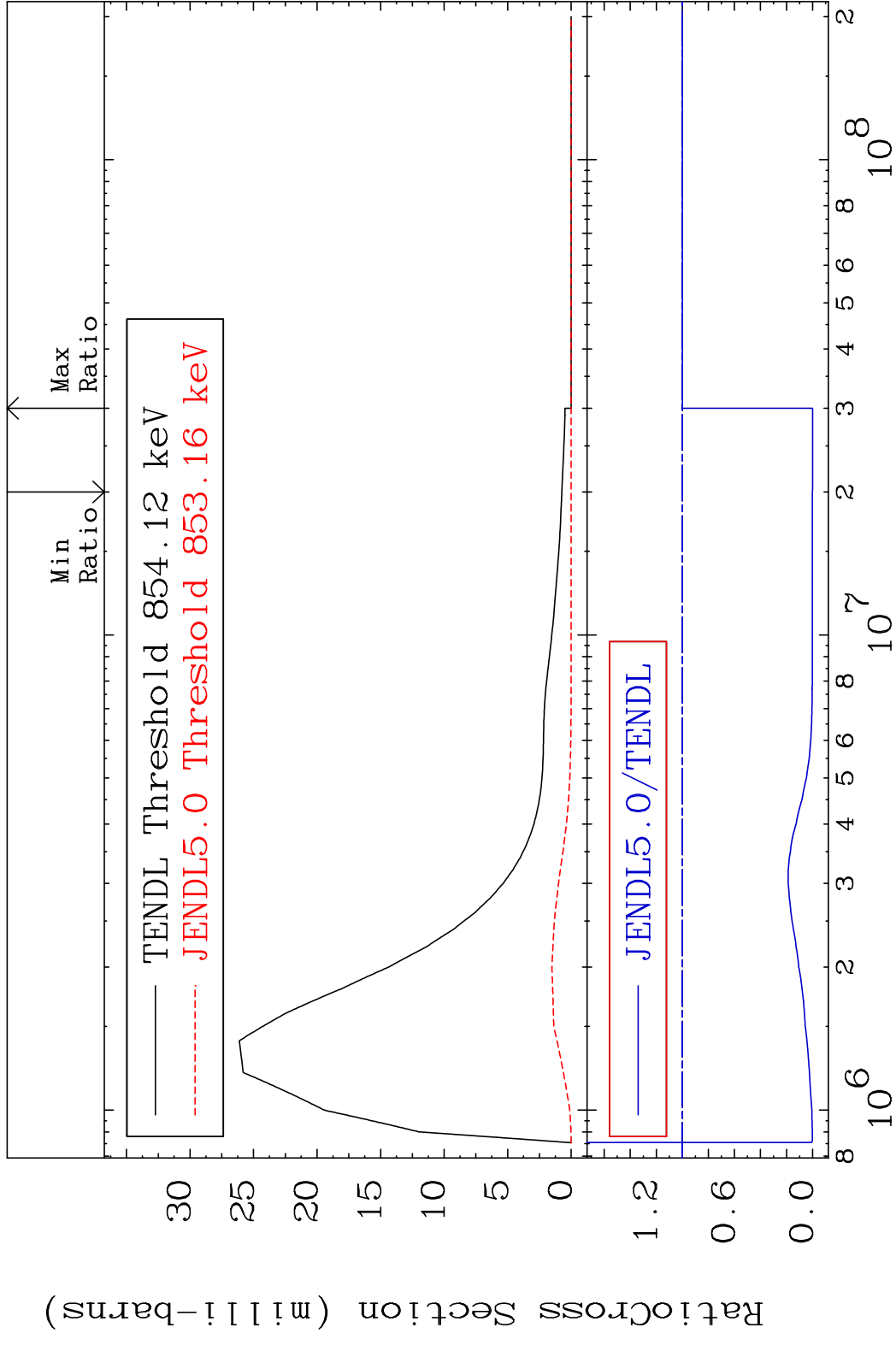
MAT 6846 MT= 75 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



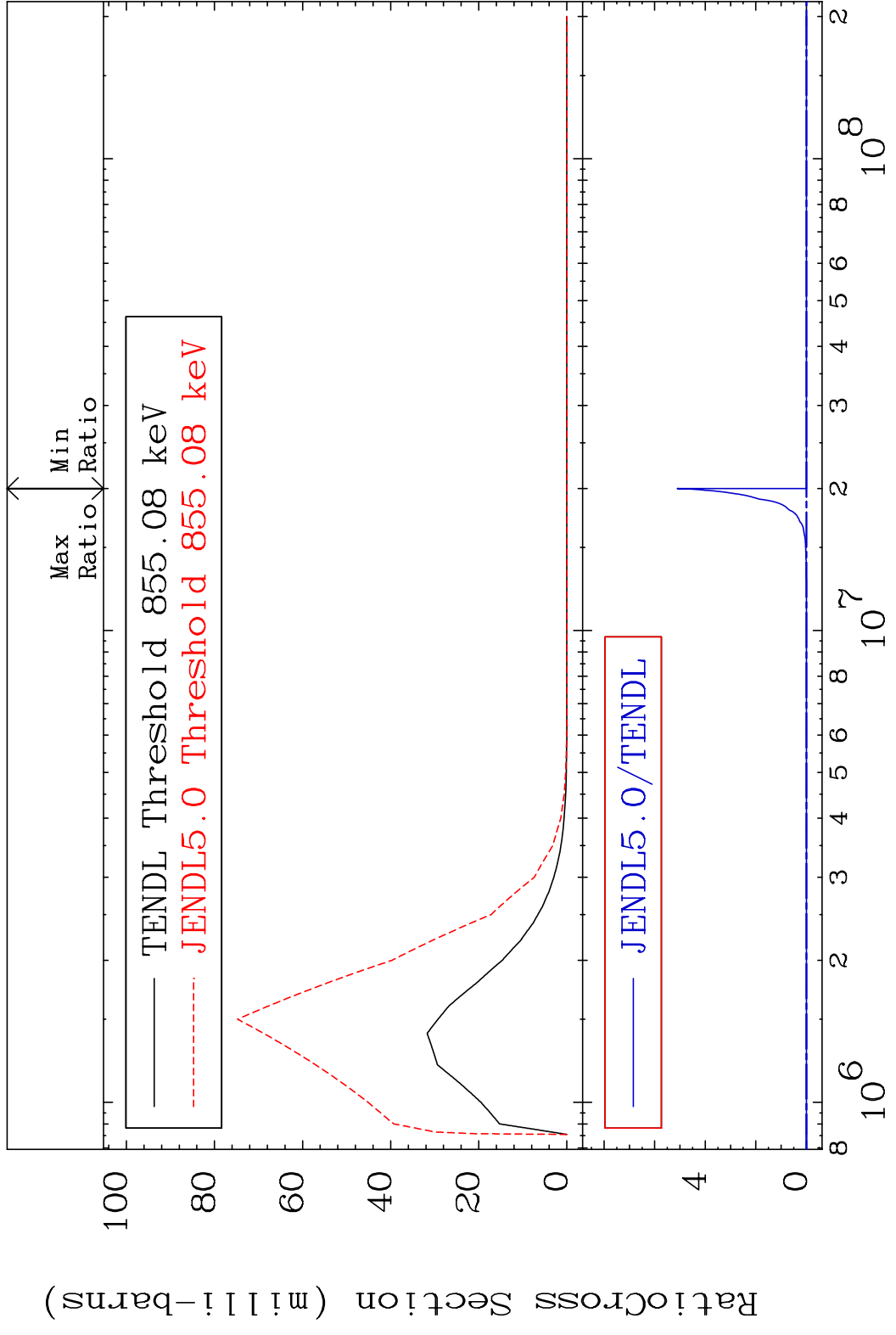
MAT 6846 MT= 76 (n, n') Level 68-Er-169
 Cross Section -100.0 To 816.2 %



MAT 6846 MT= 77 (n, n') Level 68-Er-169
 Cross Section -100.0 To 0.000 %

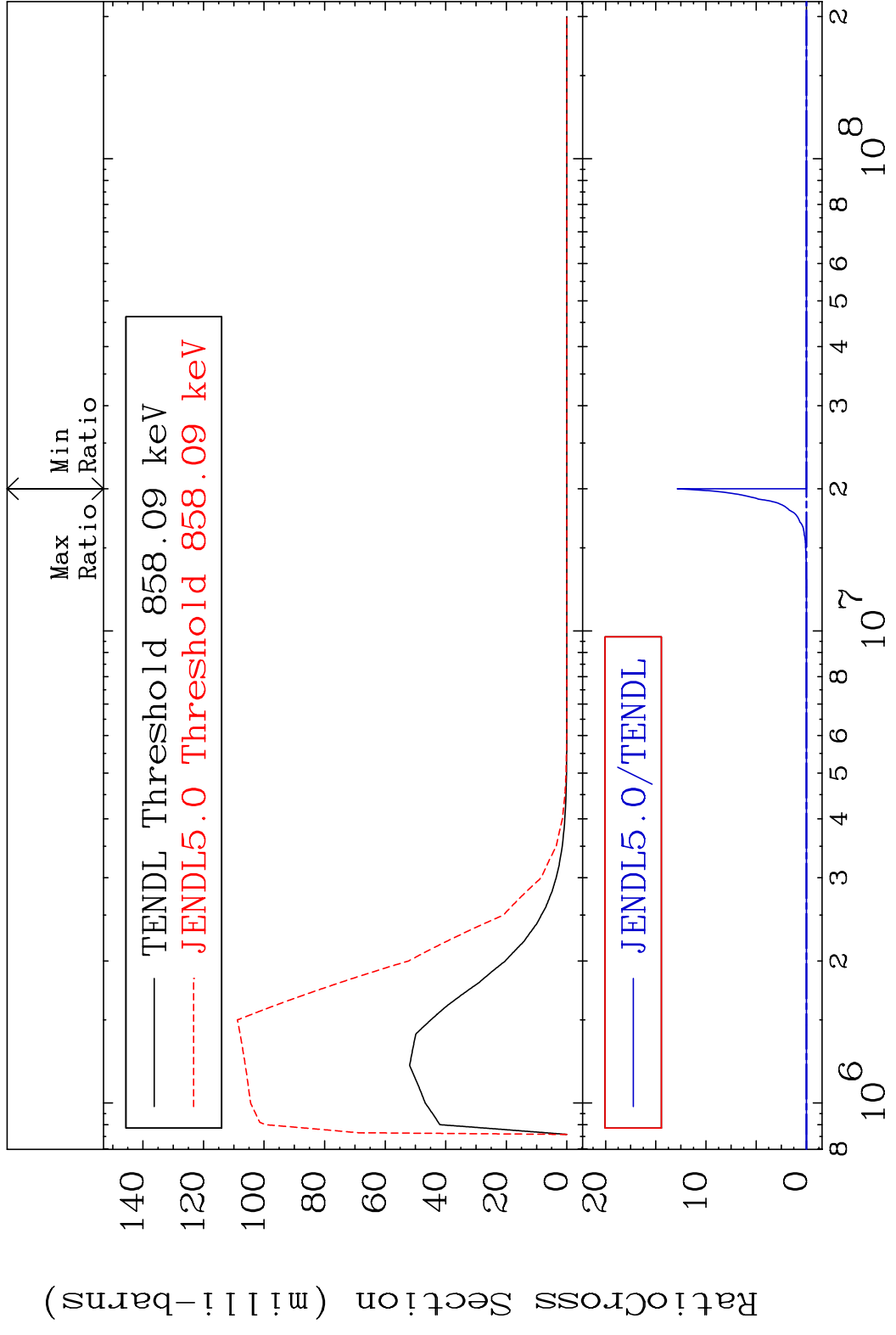


MAT 6846 MT= 78 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



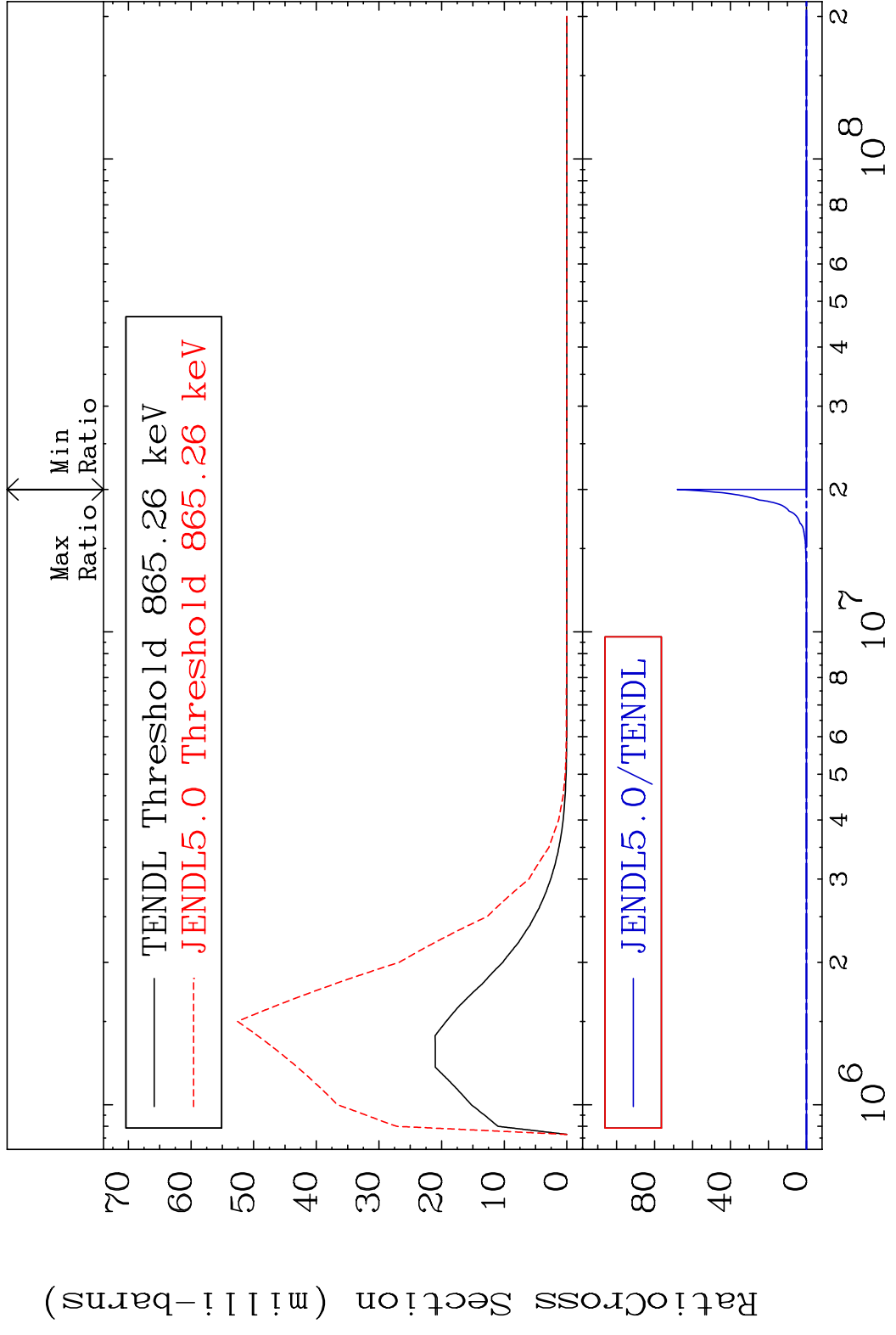
40 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 79 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



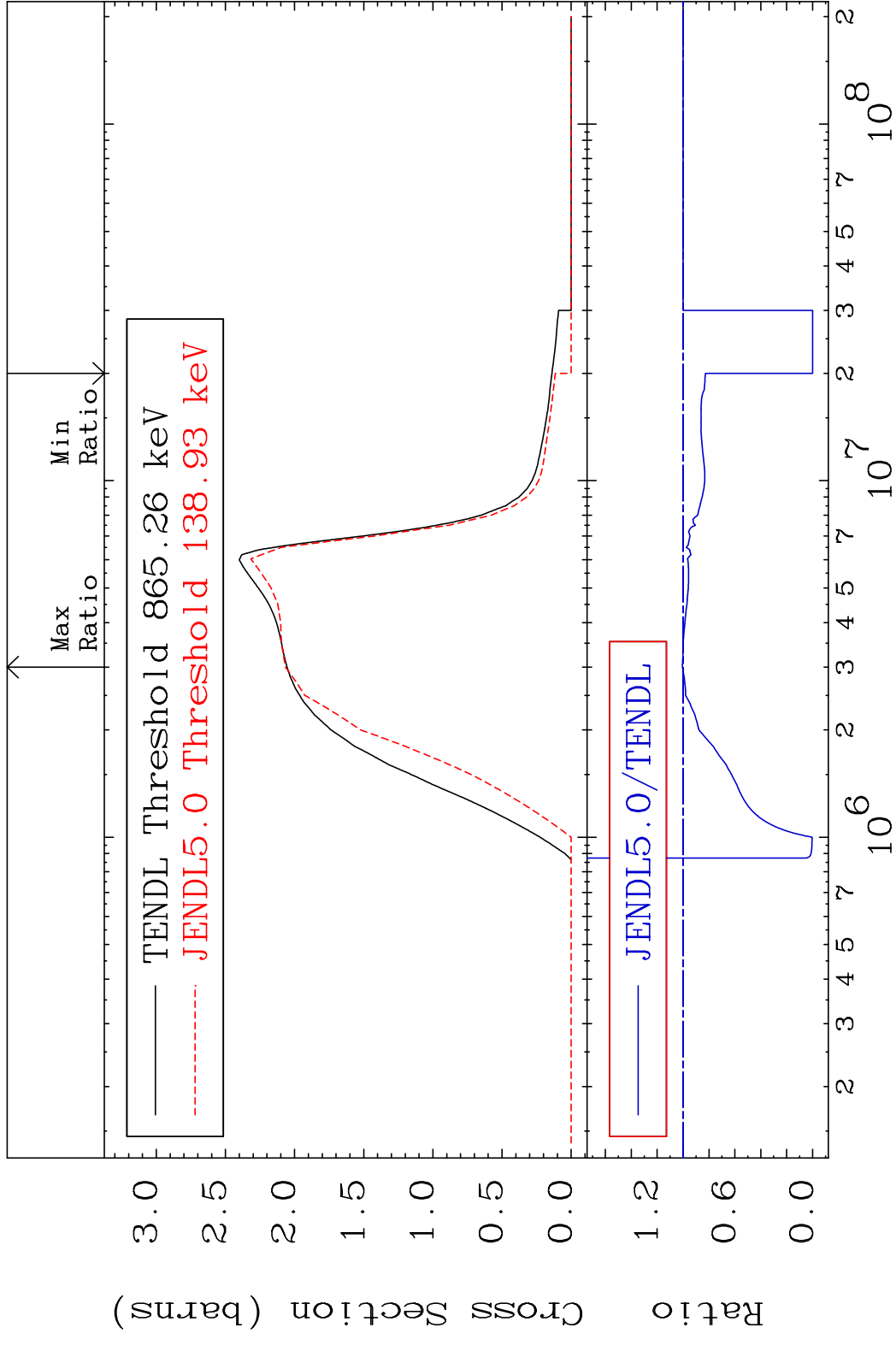
41 Incident Energy (eV) 68-Er-169

MAT 6846 MT= 80 (n, n') Level 68-Er-169
 Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 68-Er-169

MAT 6846 (n, n') Continuum 68-Er-169
 Cross Section -100.0 To 0.563 %

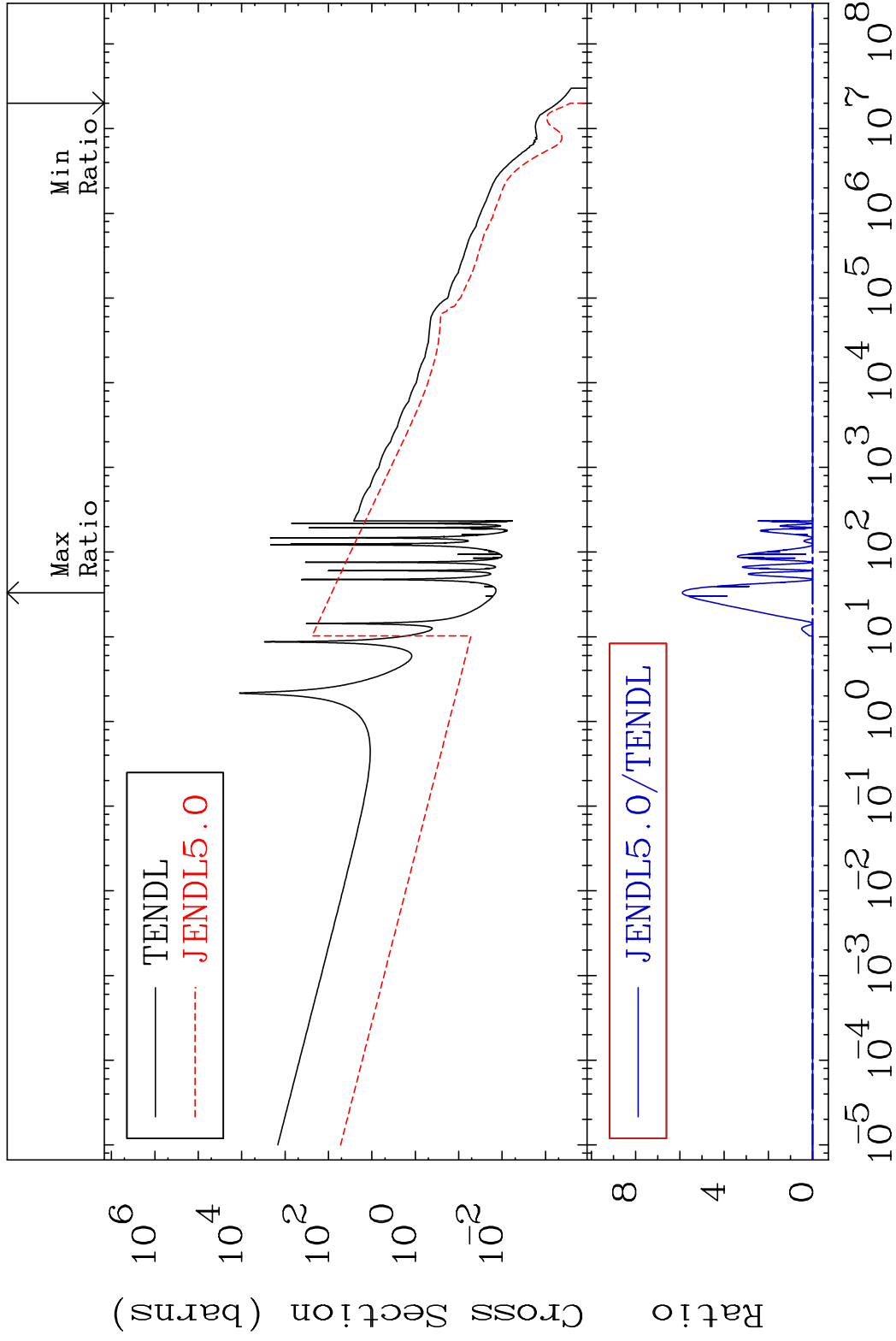


MAT 6846

(n, γ)

68-Er-169

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

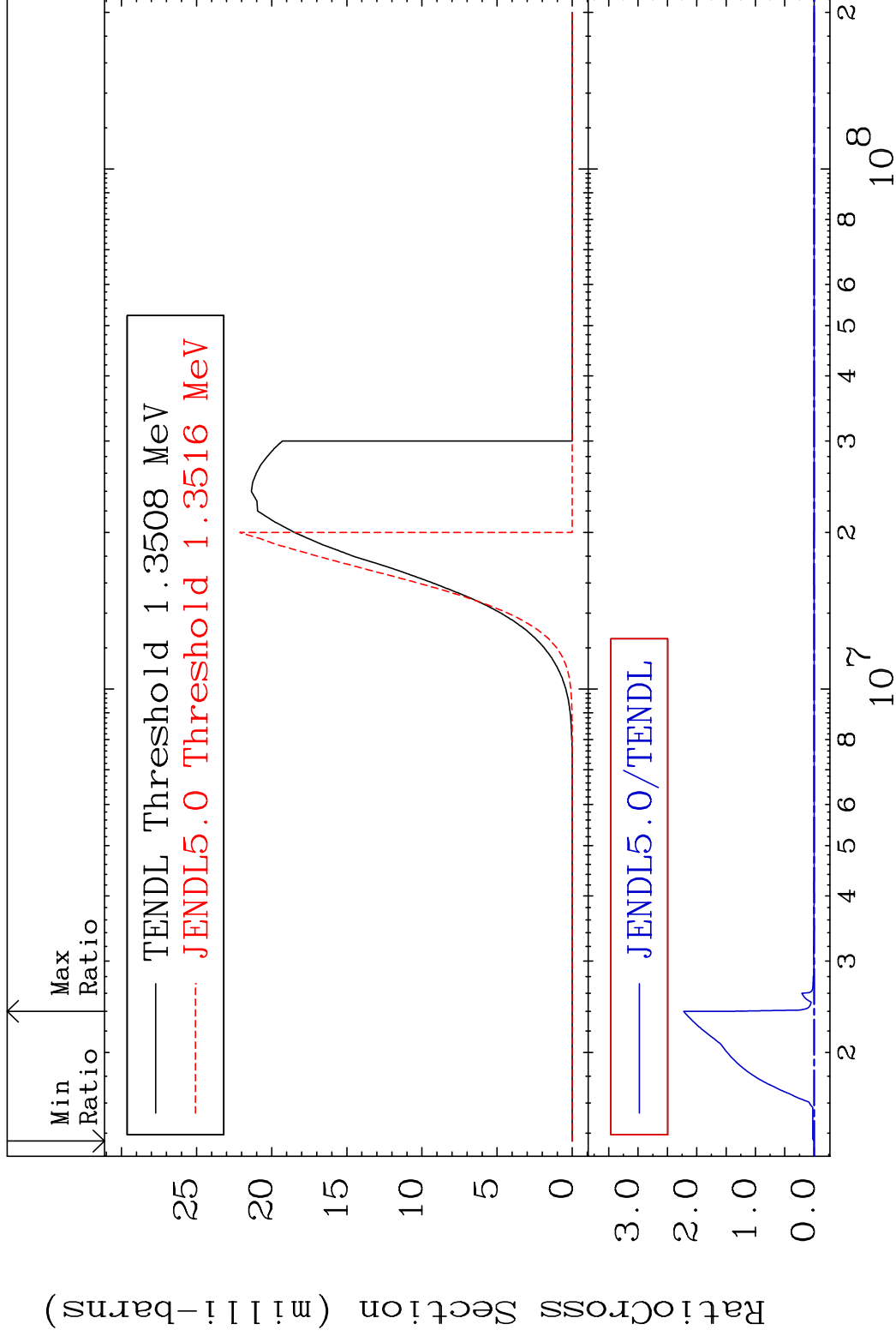
68-Er-169

MAT 6846

(n, p)

68-Er-169

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

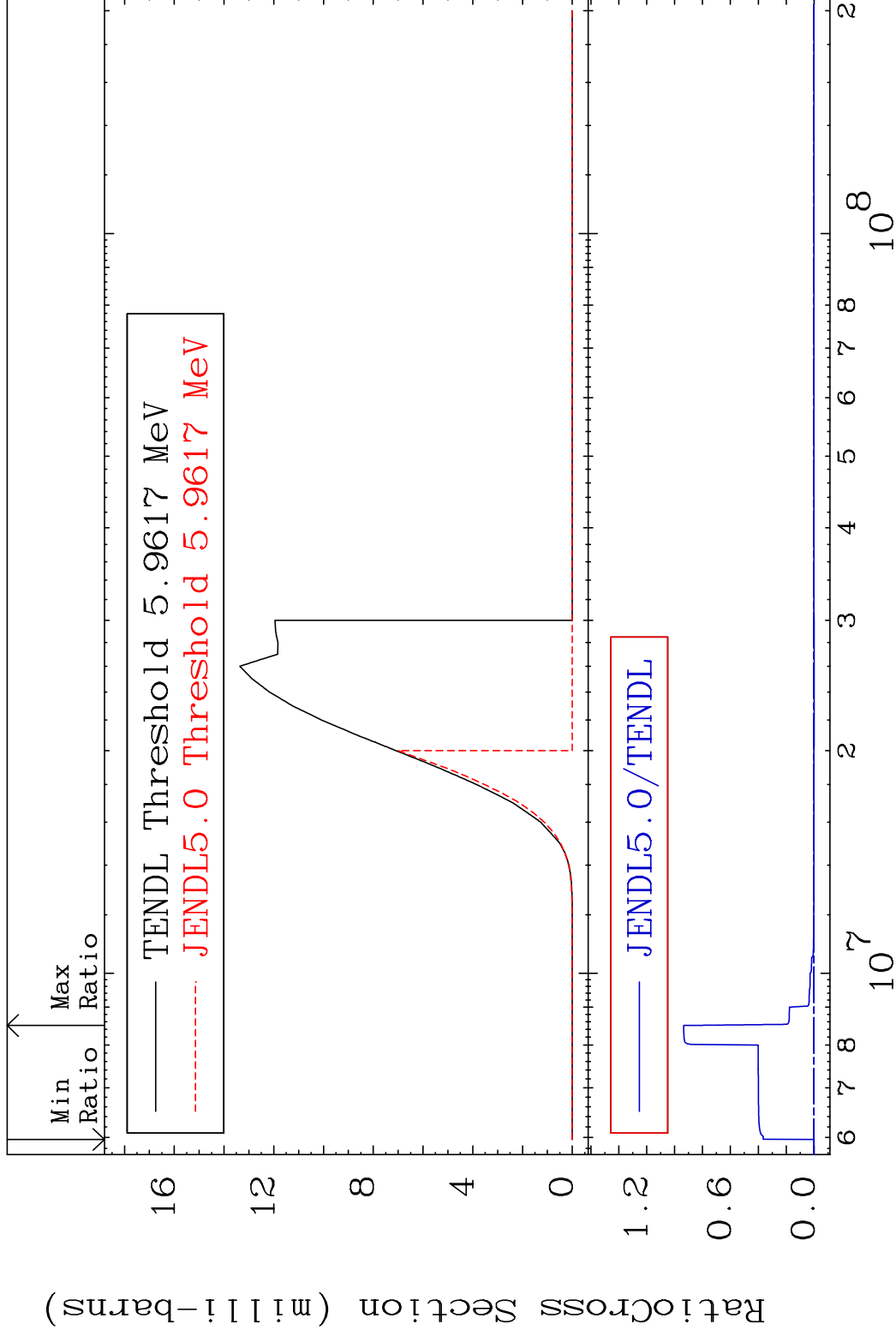
68-Er-169

MAT 6846

(n,d)

68-Er-169

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

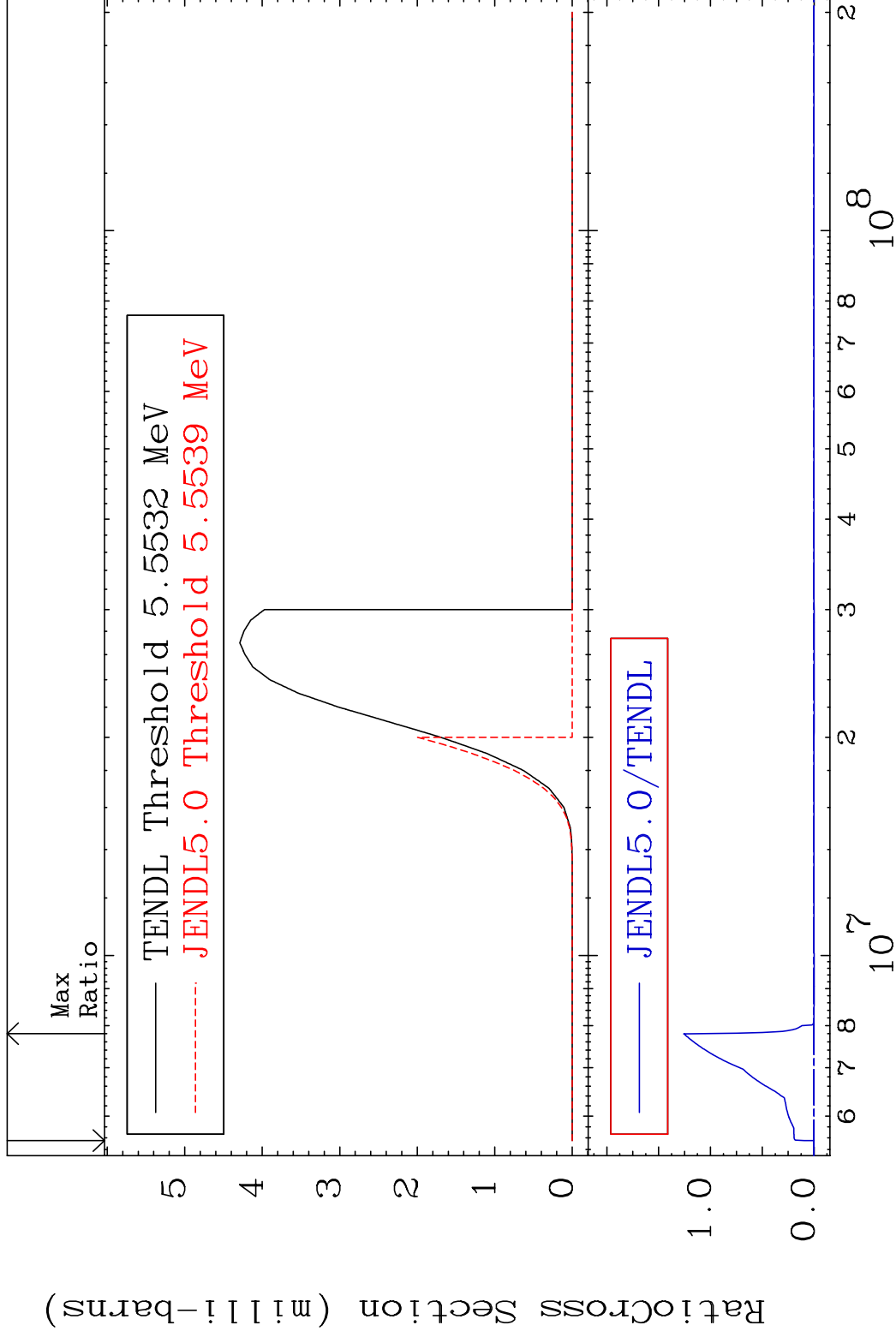
68-Er-169

MAT 6846

(n, t)

68-Er-169

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

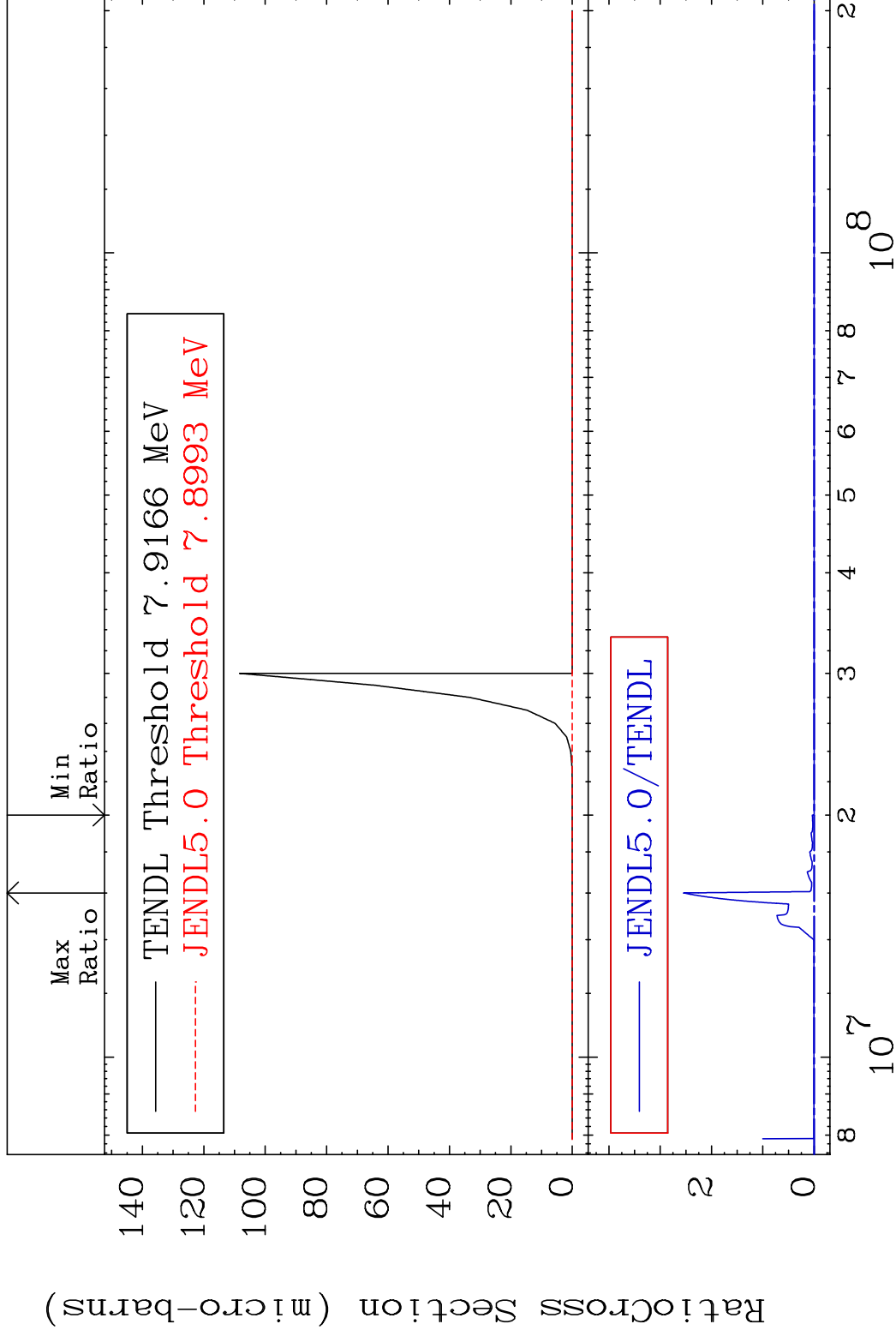
68-Er-169

MAT 6846

(n, He-3)

68-Er-169

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

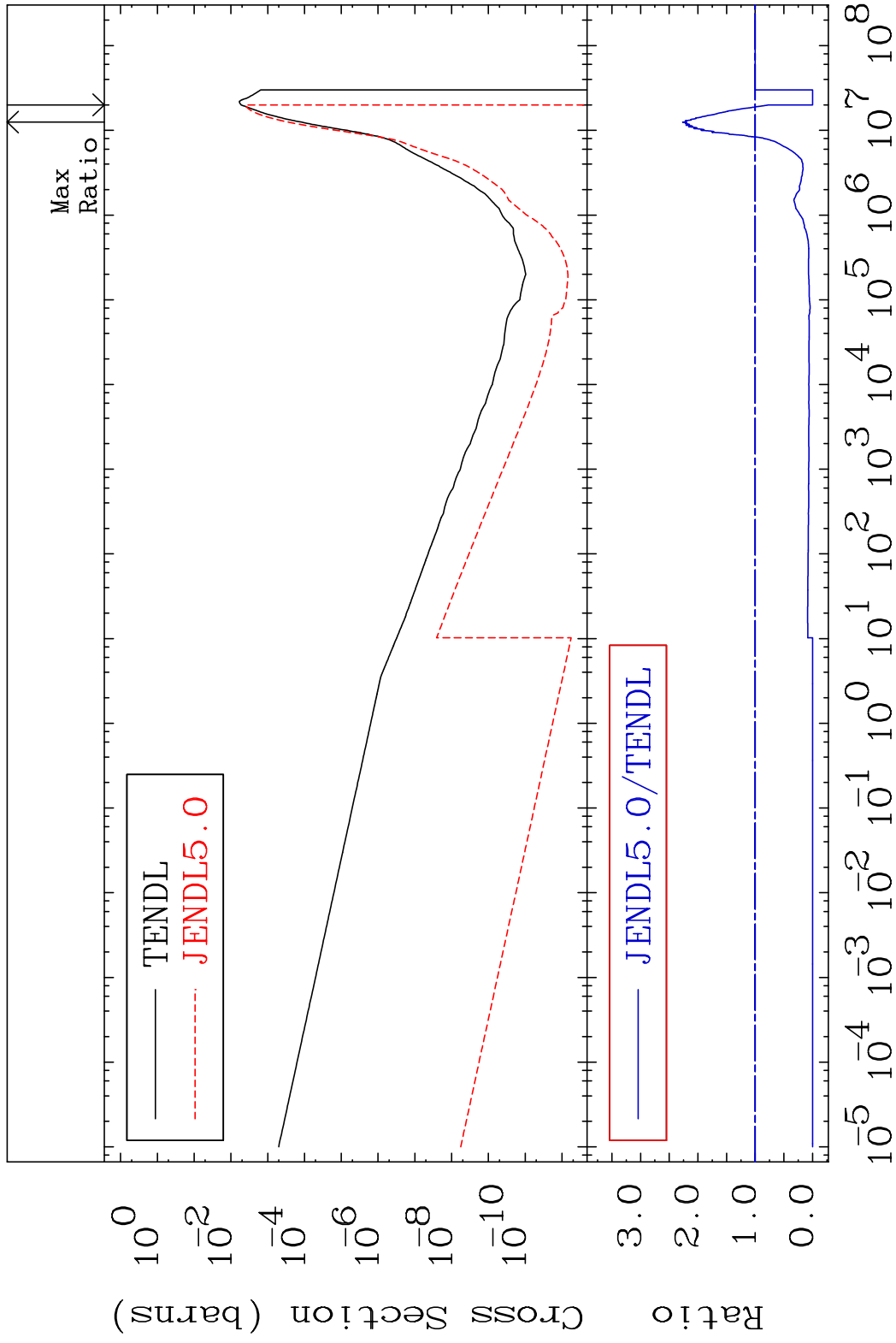
68-Er-169

MAT 6846

(n, α)

68-Er-169

Cross Section -100.0 To 127.1 %



49

Incident Energy (eV)

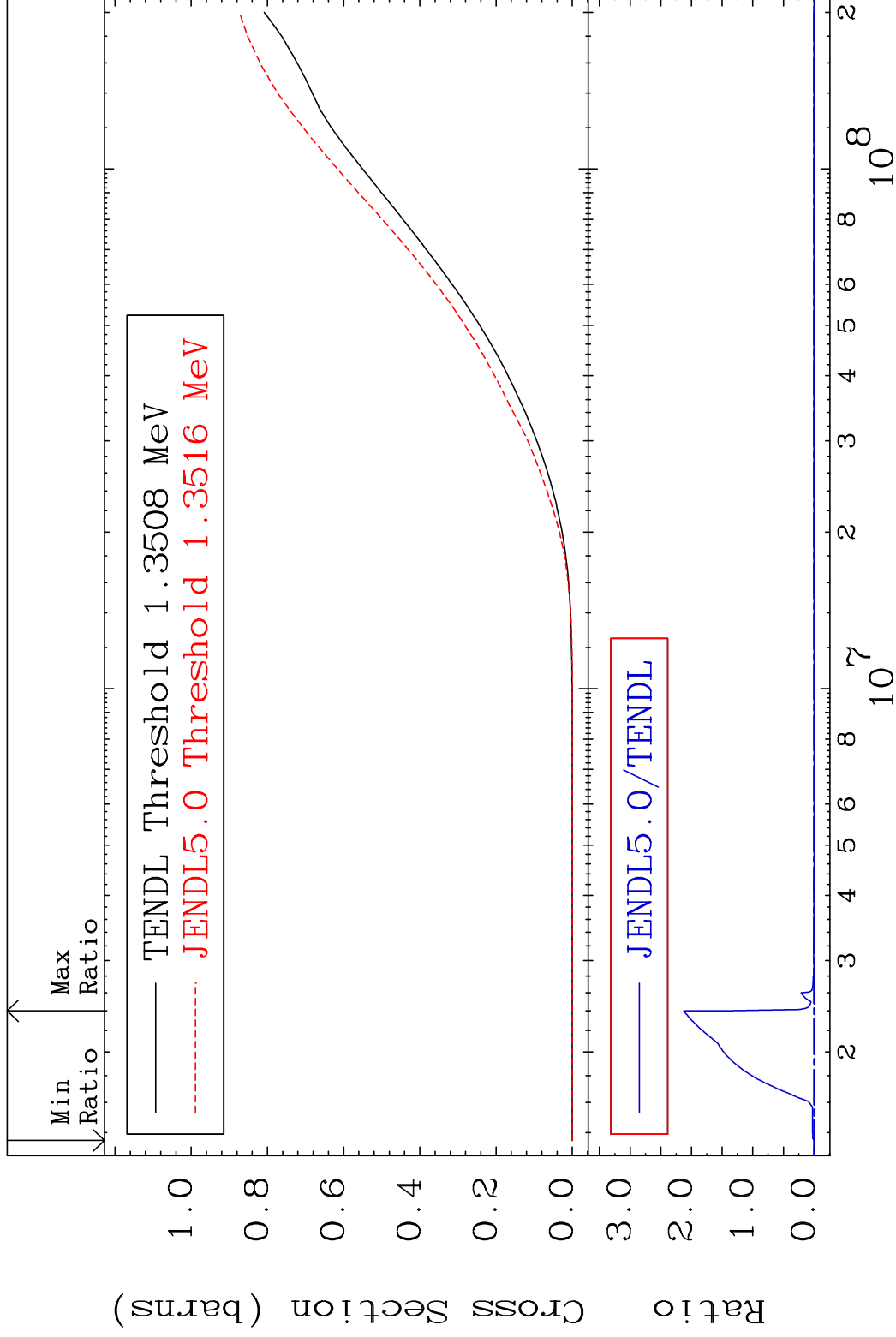
68-Er-169

MAT 6846

Hydrogen Production

68-Er-169

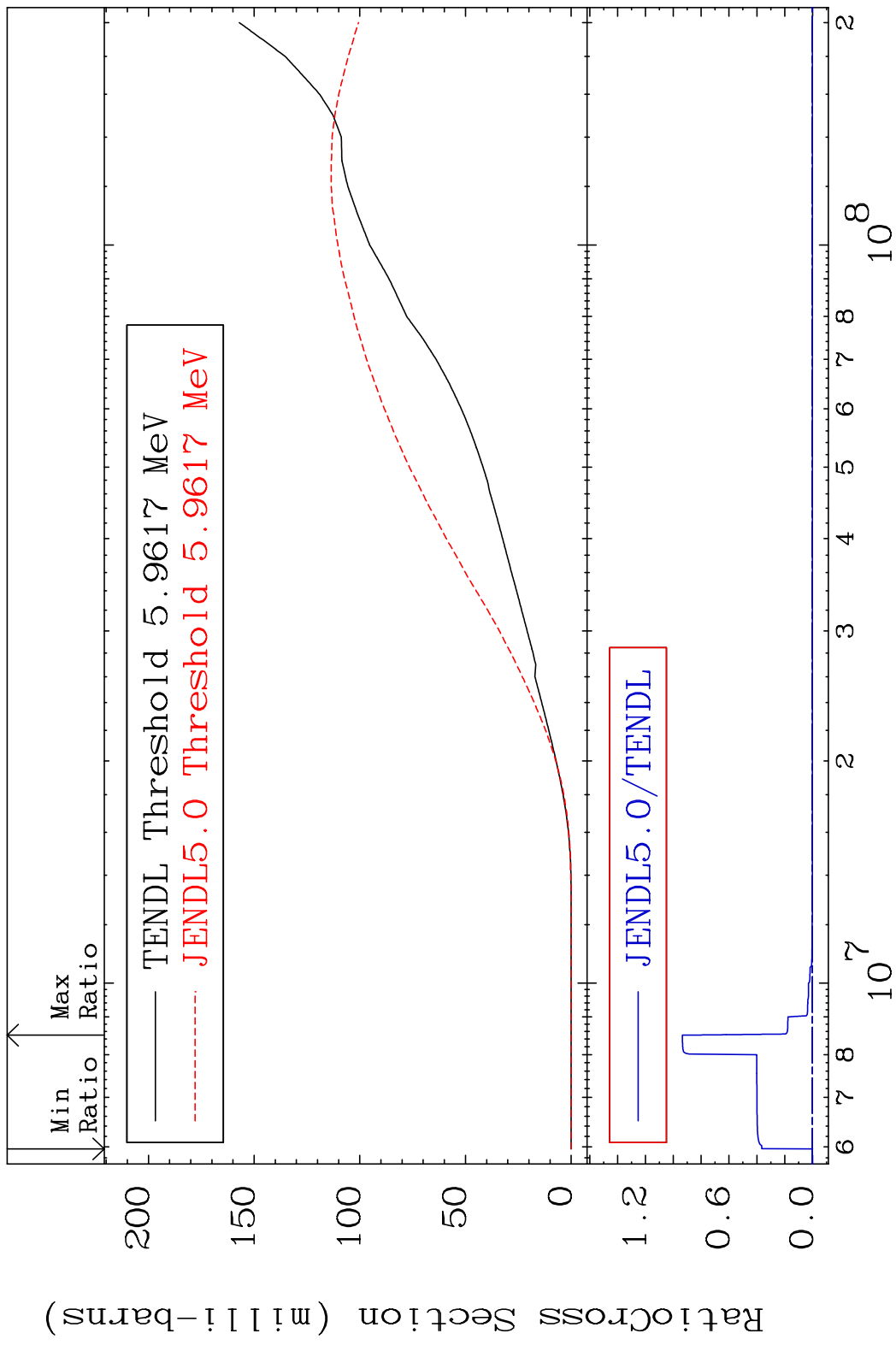
Cross Section -100.0 To 9999. %



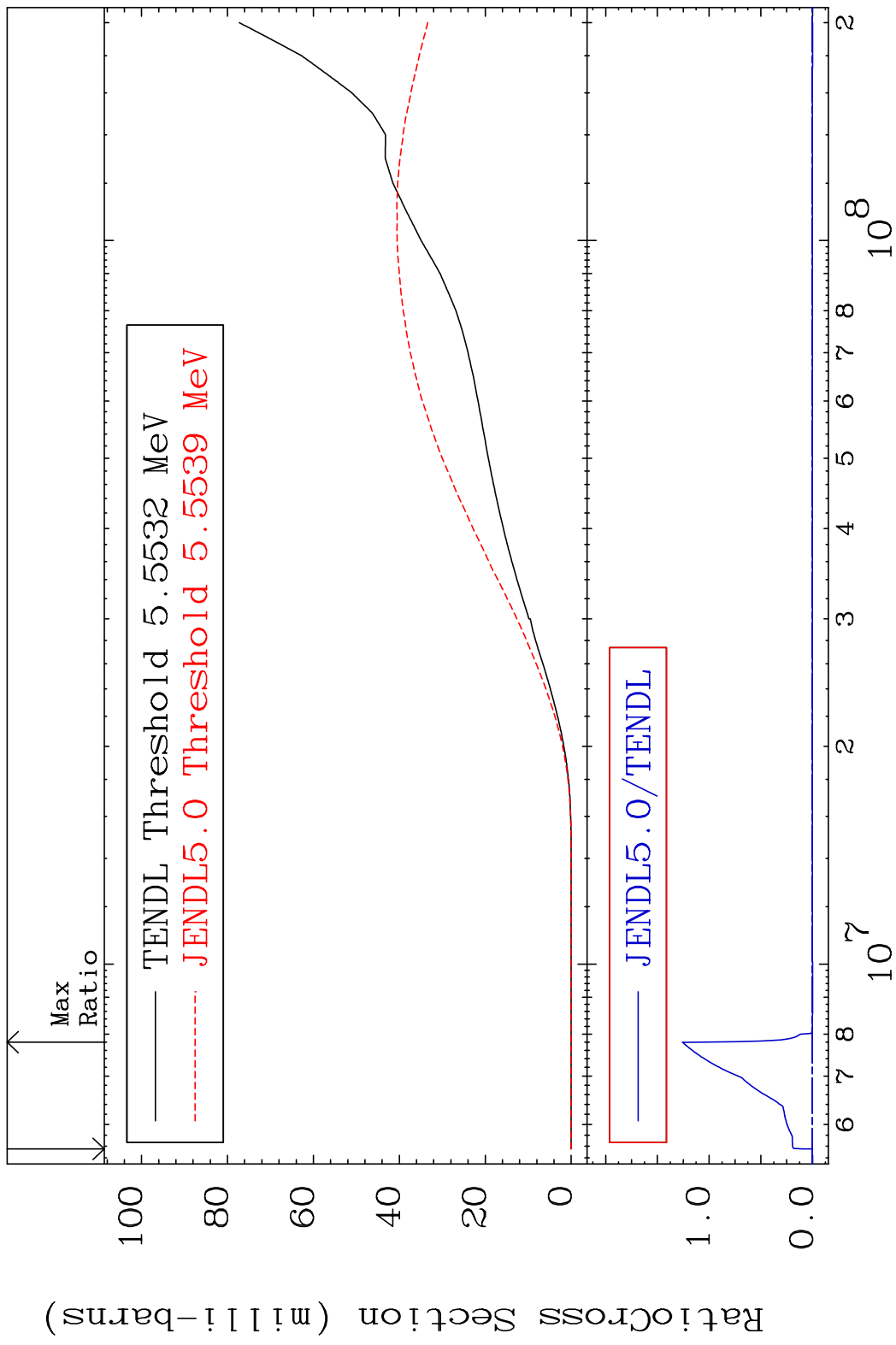
50

Incident Energy (eV)

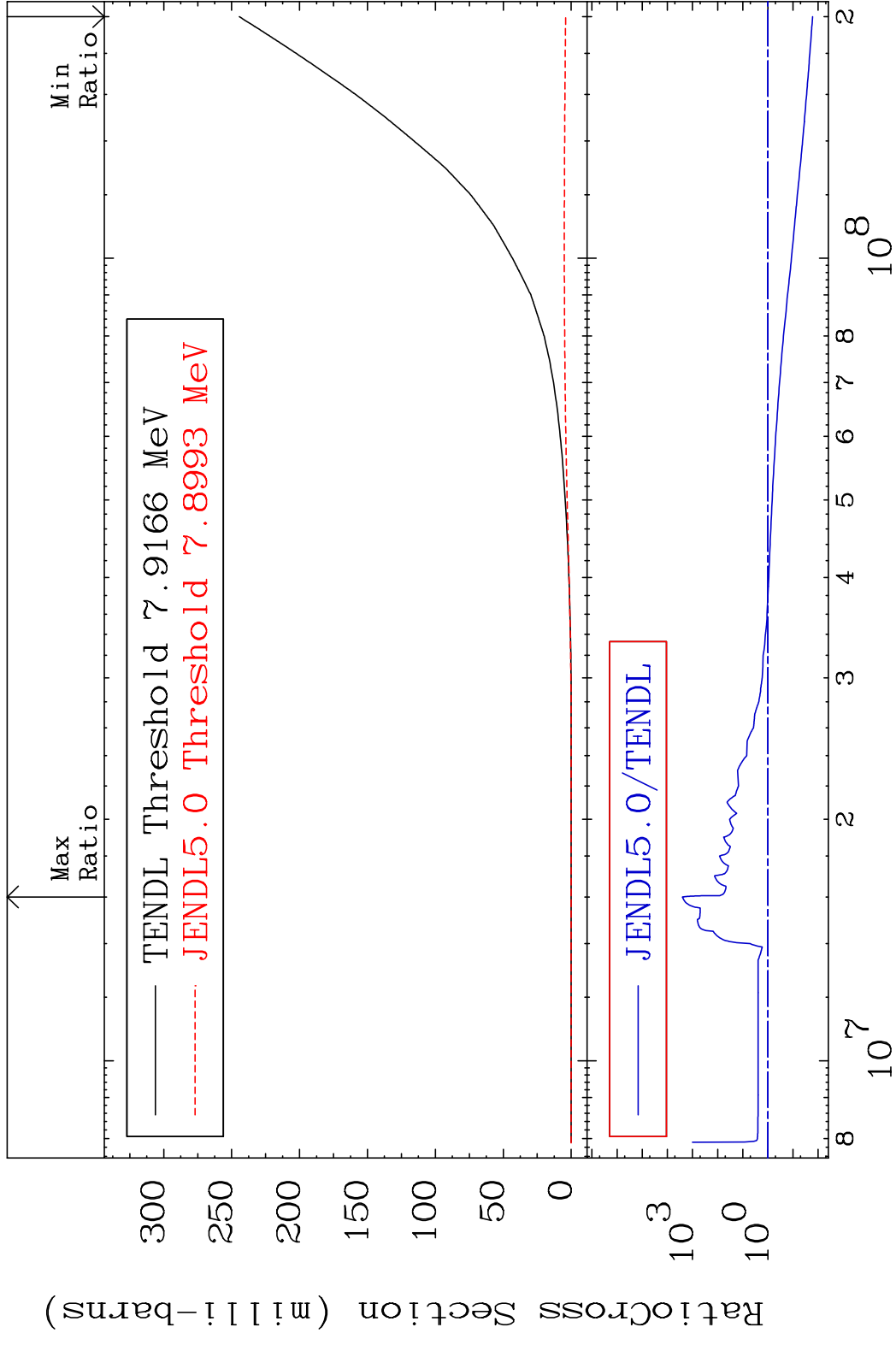
68-Er-169



MAT 6846 Tritium Production 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 He-3 Production 68-Er-169
 Cross Section -98.32 To 9999. %

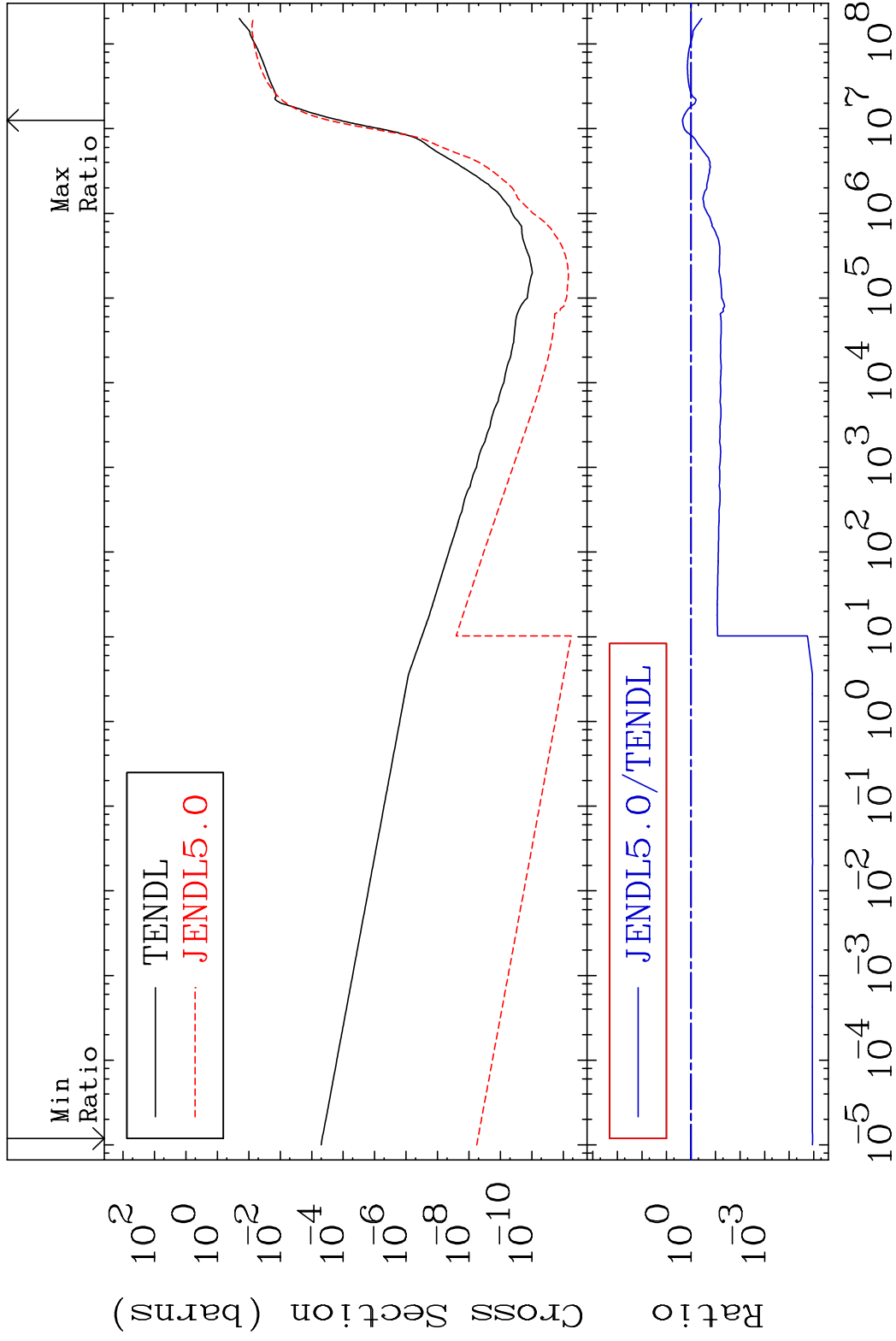


MAT 6846

He-4 Production

68-Er-169

Cross Section -100.0 To 125.3 %

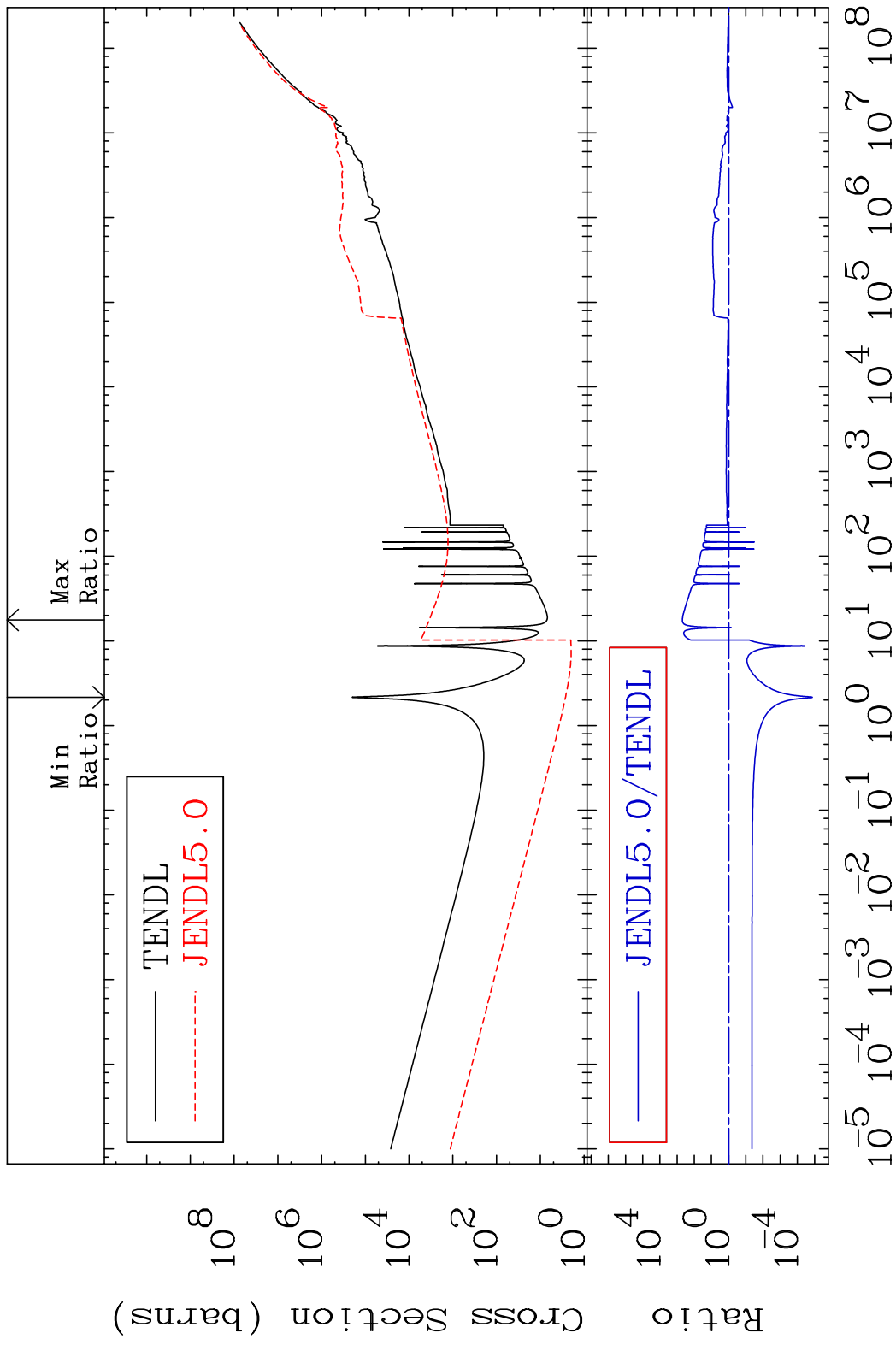


54

Incident Energy (eV)

68-Er-169

MAT 6846 Kerma total (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %

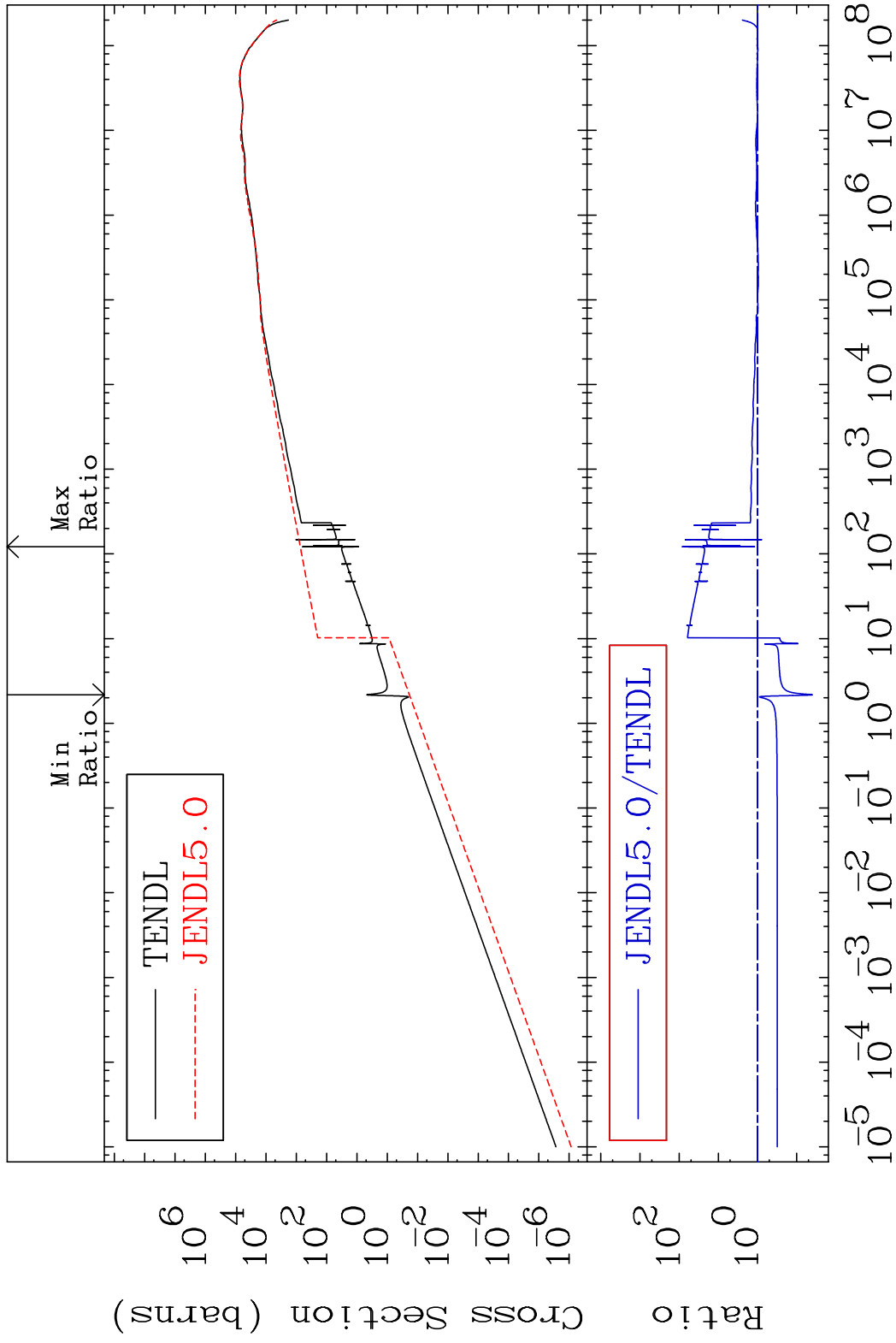


MAT 6846

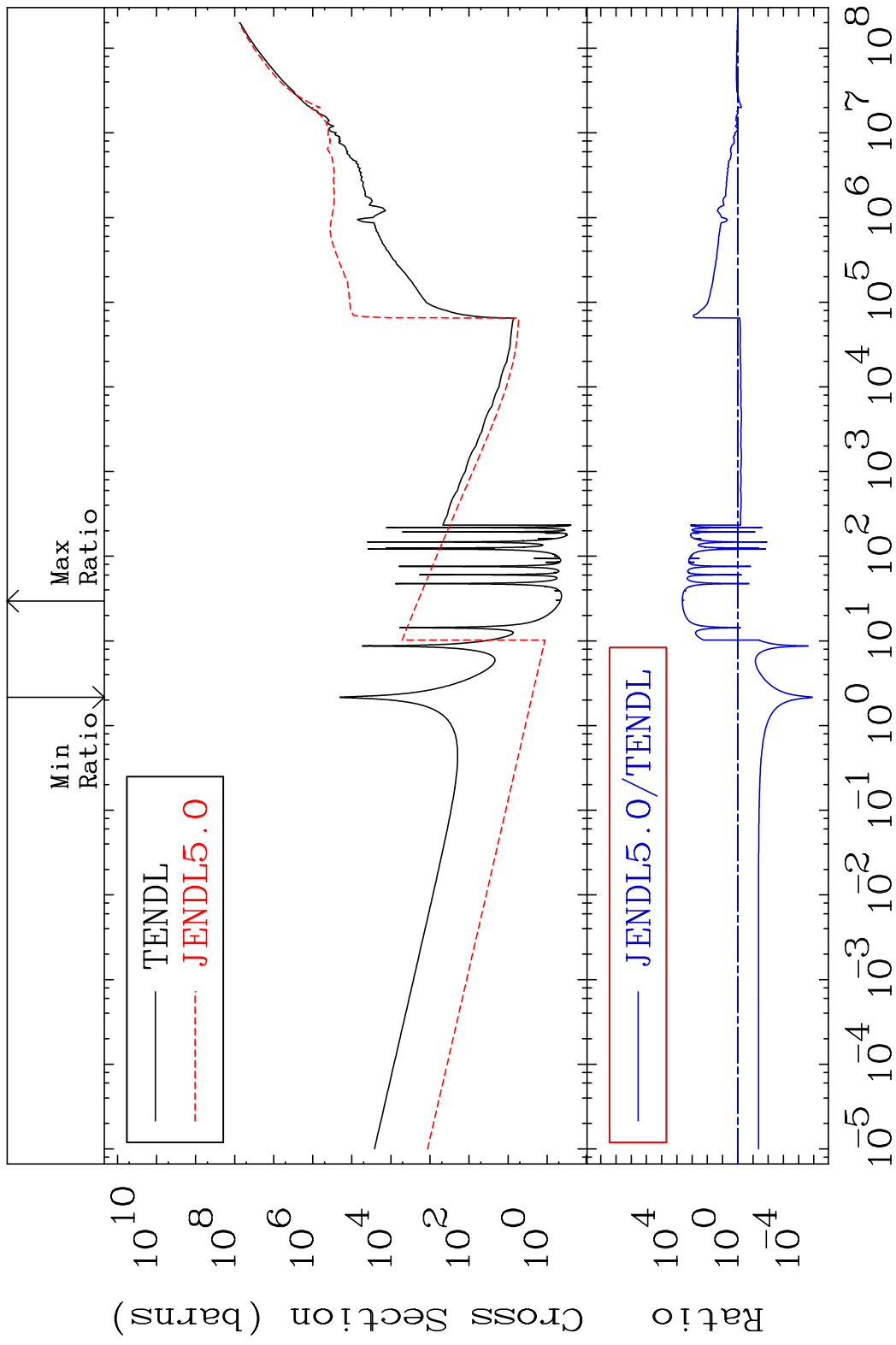
Kerma elastic
Cross Section

68-Er-169

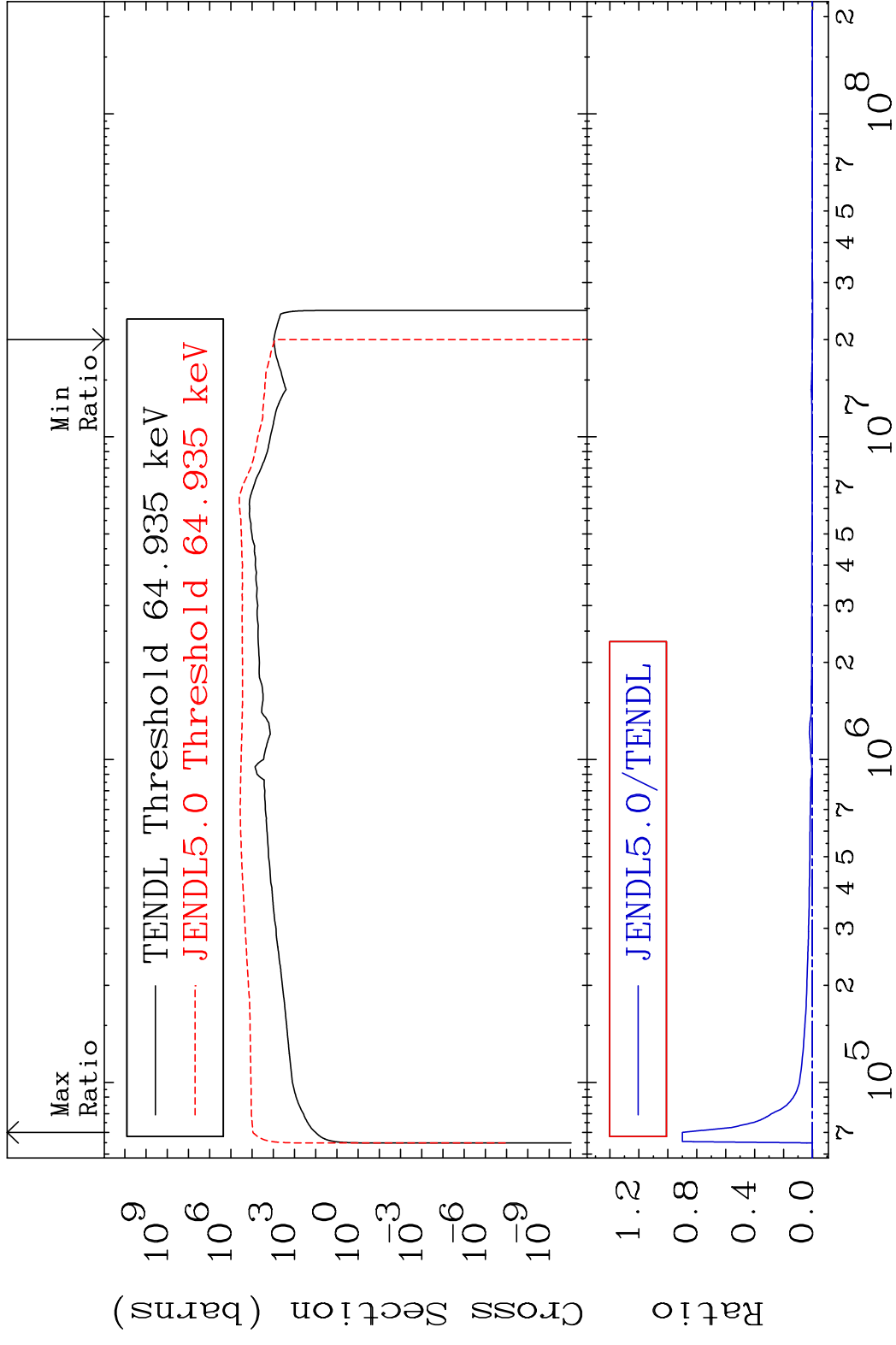
-96.06 To 8184. %



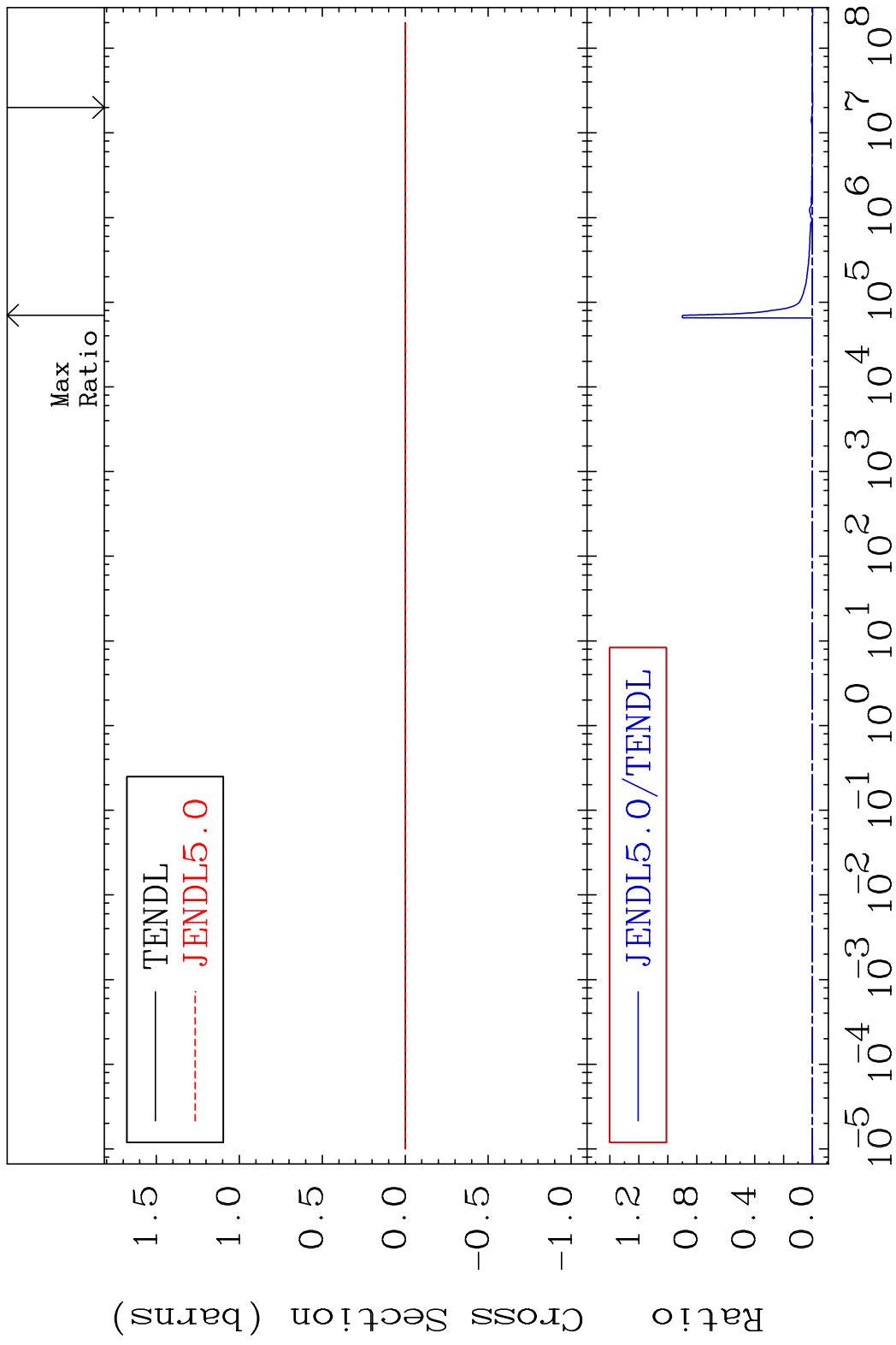
MAT 6846 Kerma non-elastic (all but mt2) 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 Kerma inelastic (mt51-91) 68-Er-169
 Cross Section -100.0 To 9999. %



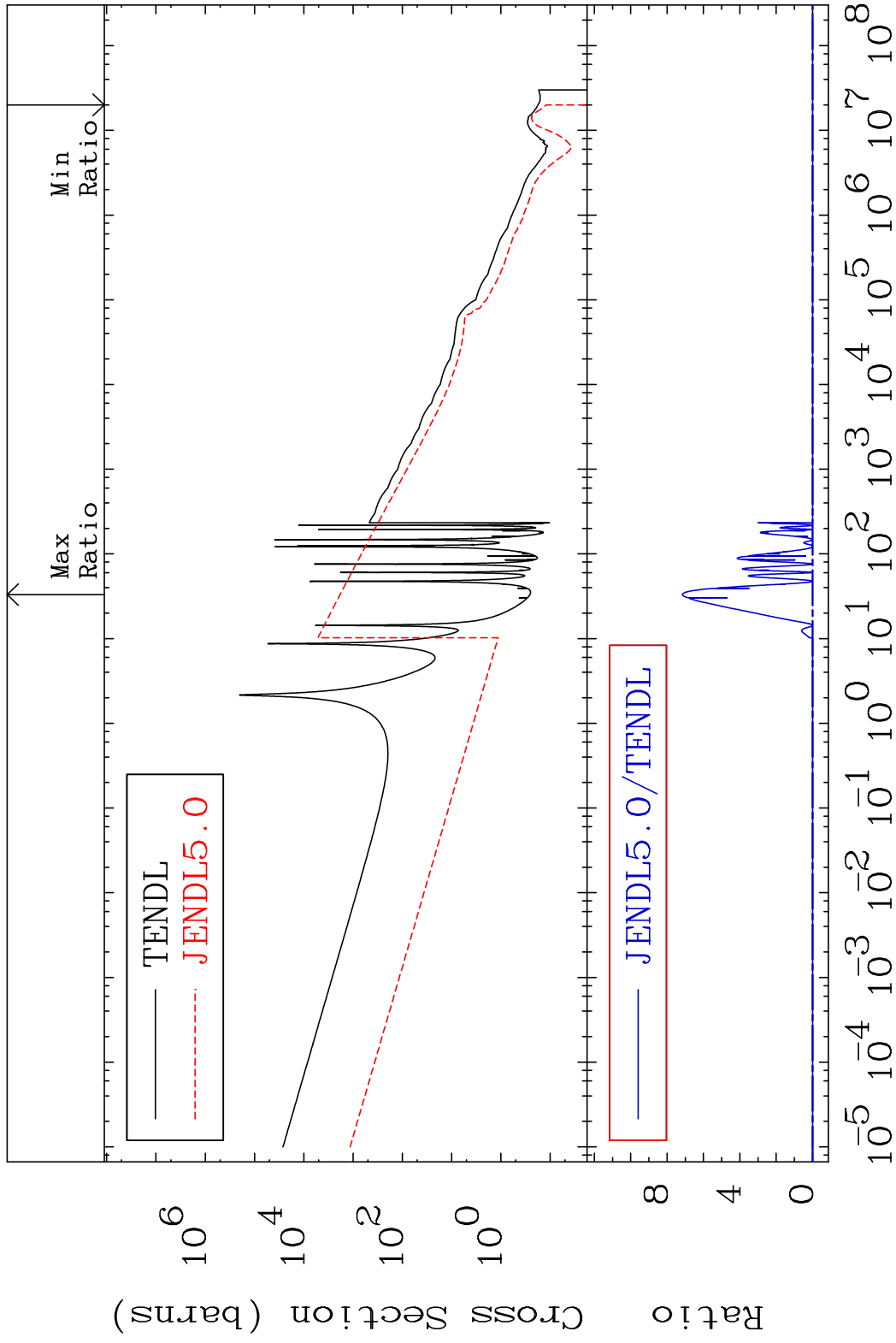
MAT 6846 Kerma fission (mt18 or mt19-20-21-38) 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846

Kerma capture (mt102) 68-Er-169

Cross Section -100.0 To 9999. %

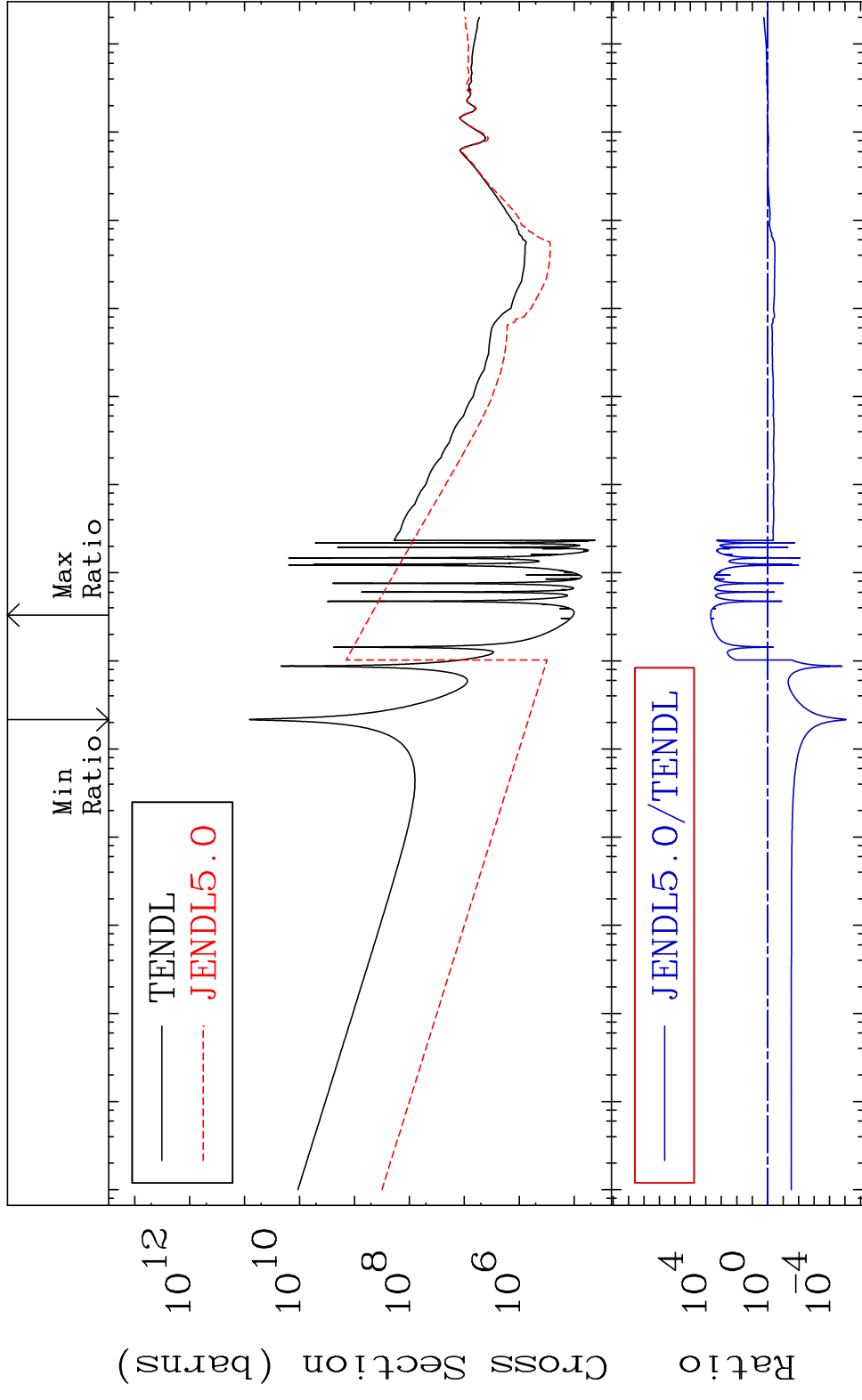


60

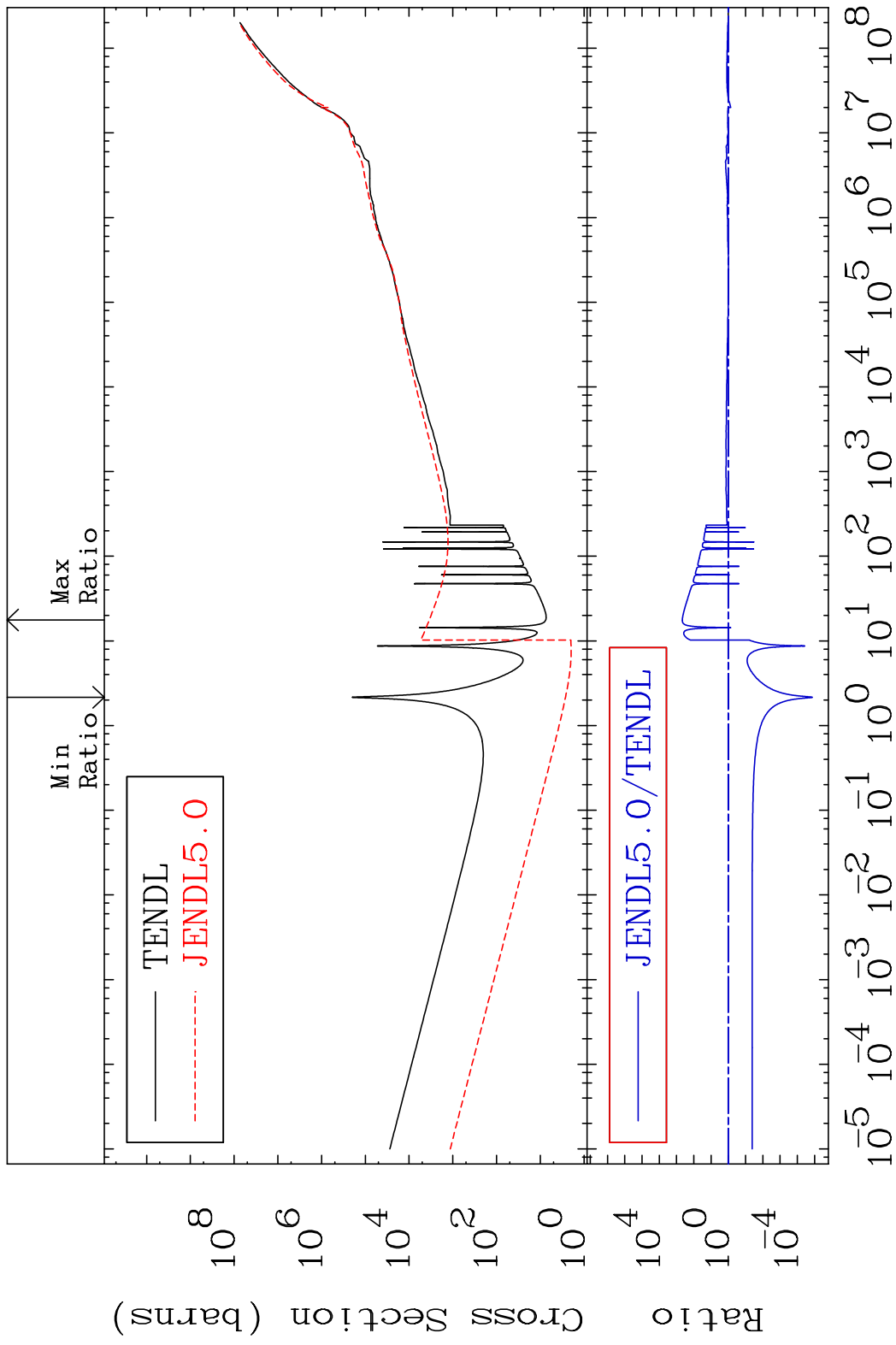
Incident Energy (eV)

68-Er-169

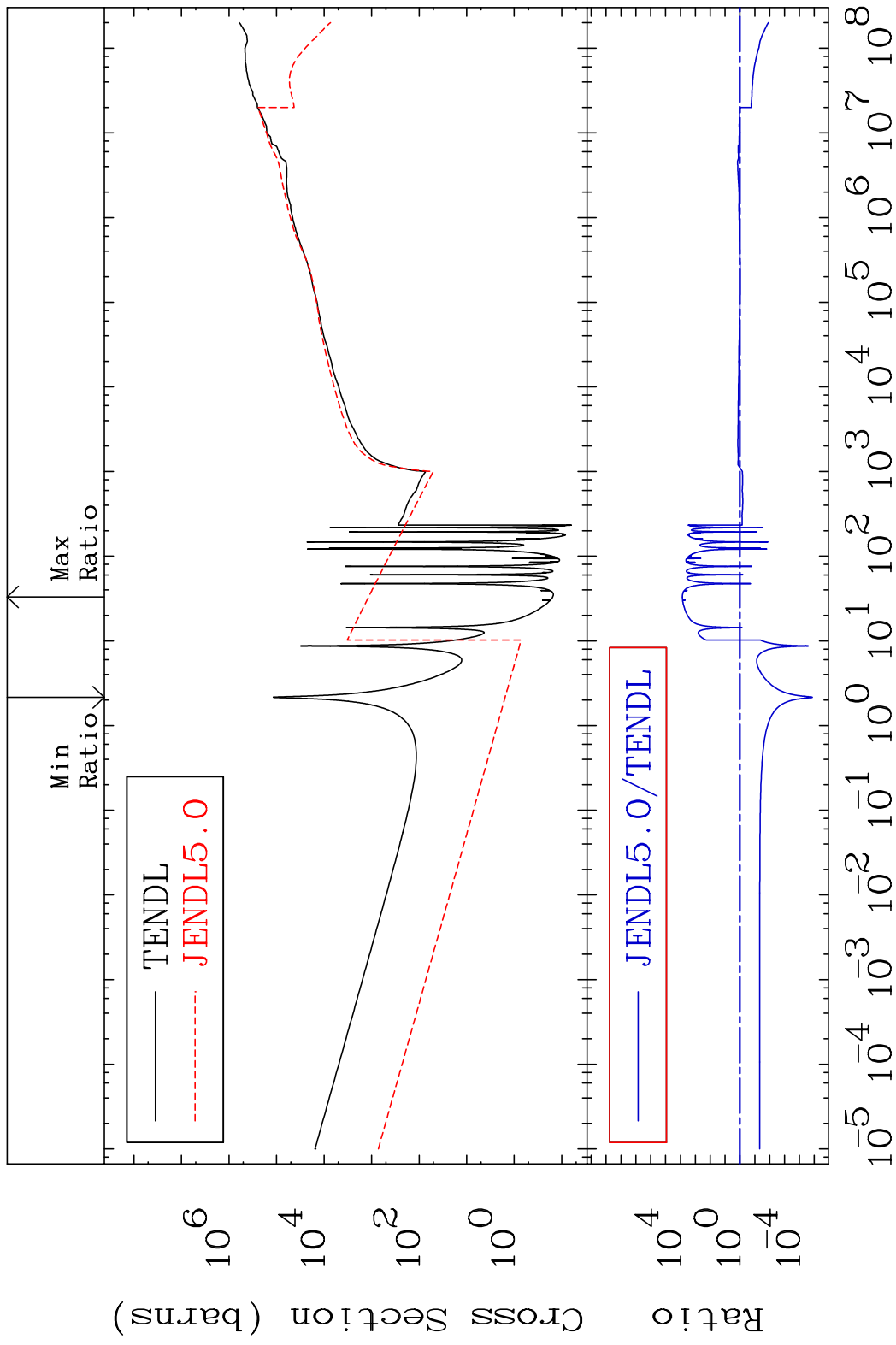
MAT 6846 Total photon (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 Total kinematic kerma (high limit) 68-Er-169
 Cross Section -100.0 To 9999. %



MAT 6846 Dpa total (eV-barns) 68-Er-169
 Cross Section -100.0 To 9999. %



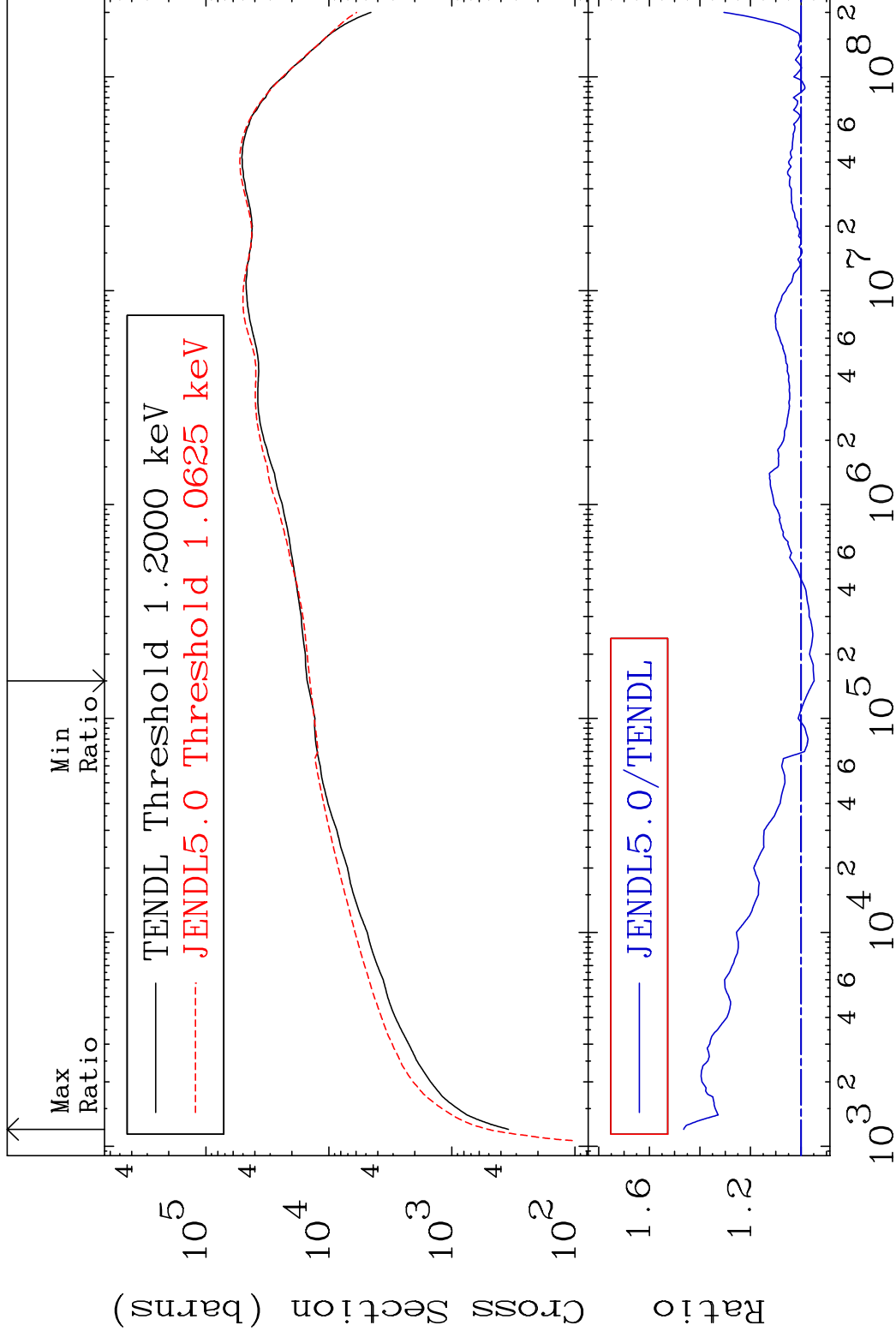
63 Incident Energy (eV) 68-Er-169

MAT 6846

Dpa elastic (mt2)

68-Er-169

Cross Section -5.129 To 46.43 %

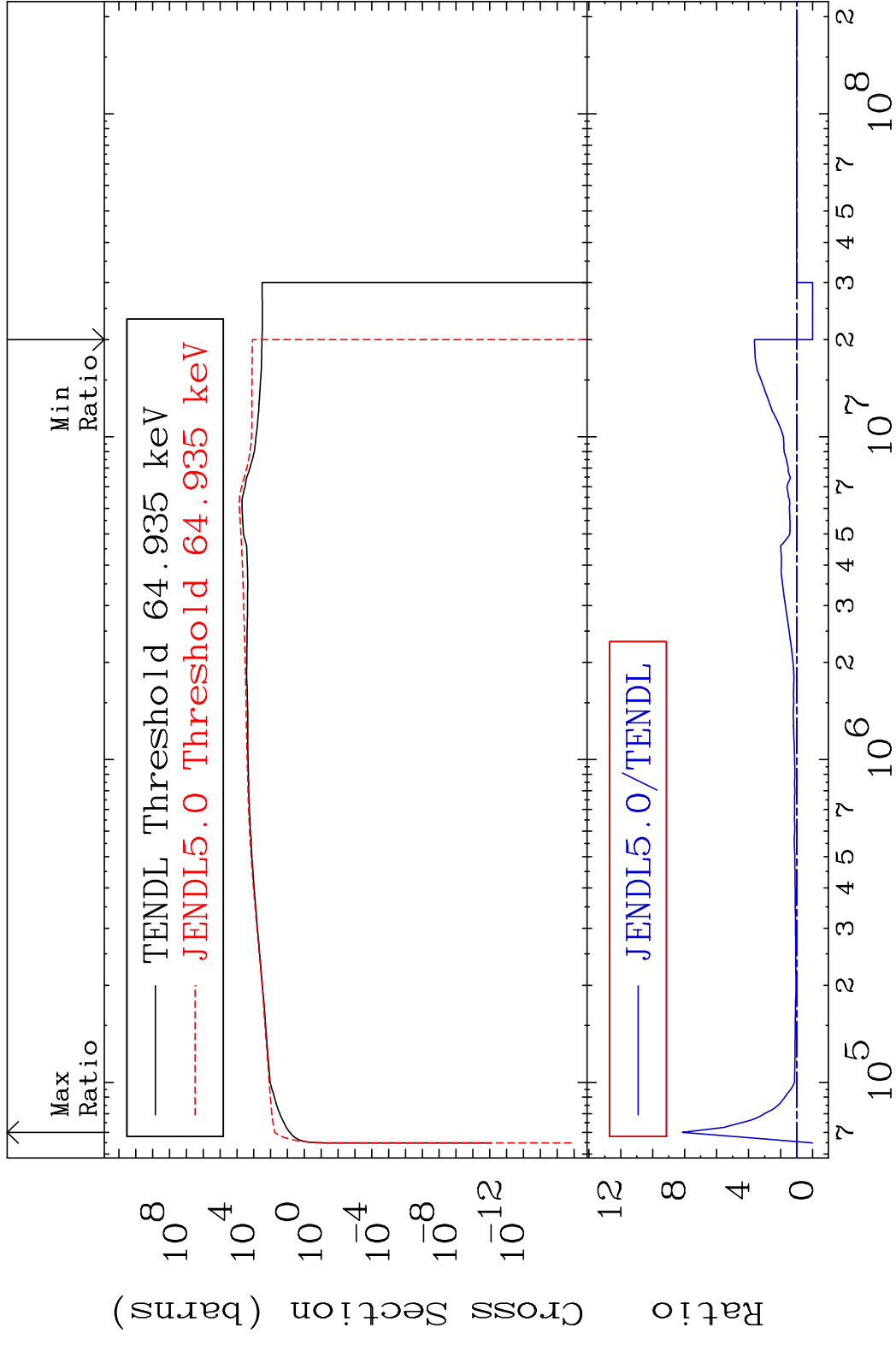


64

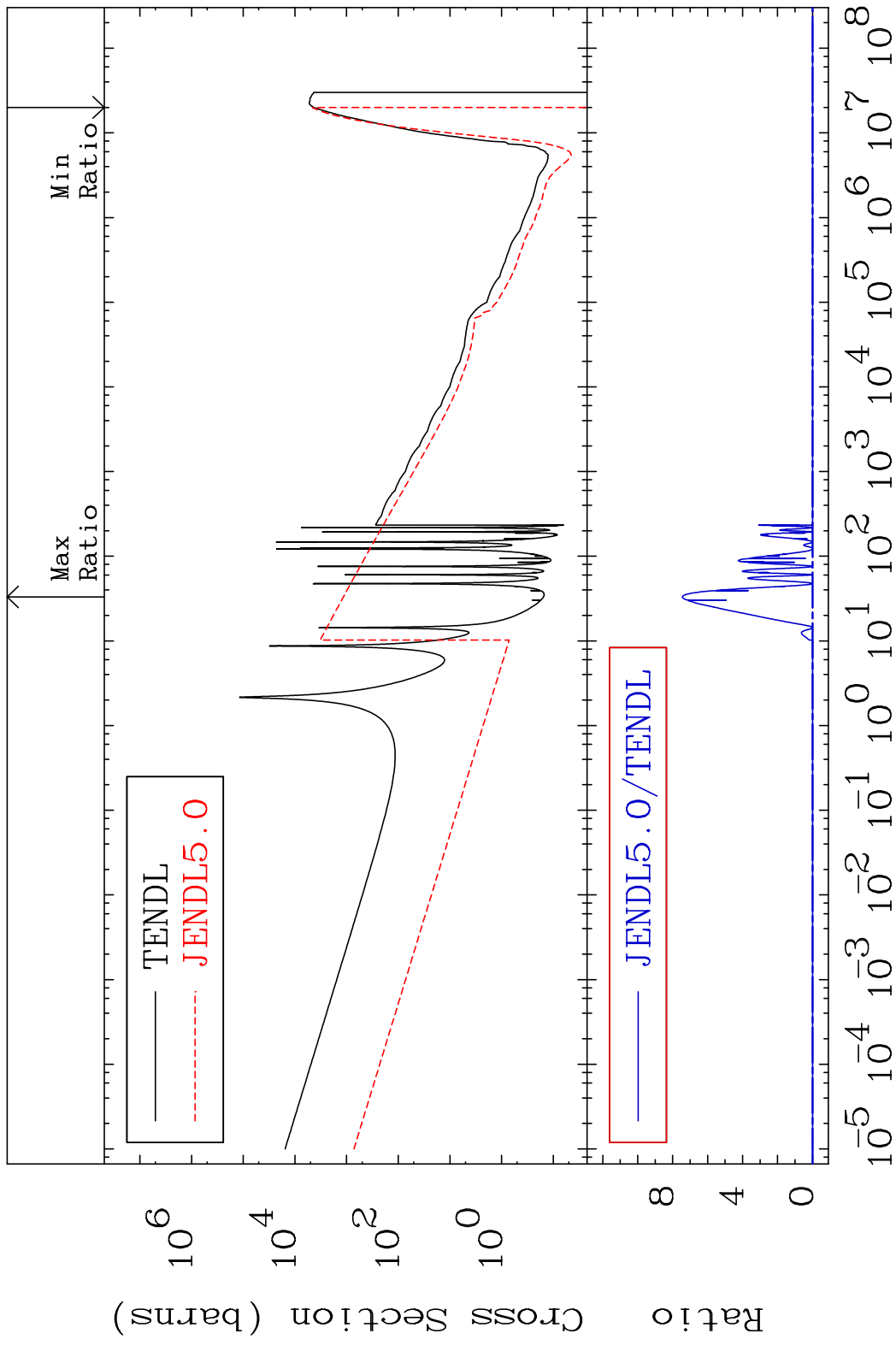
Incident Energy (eV)

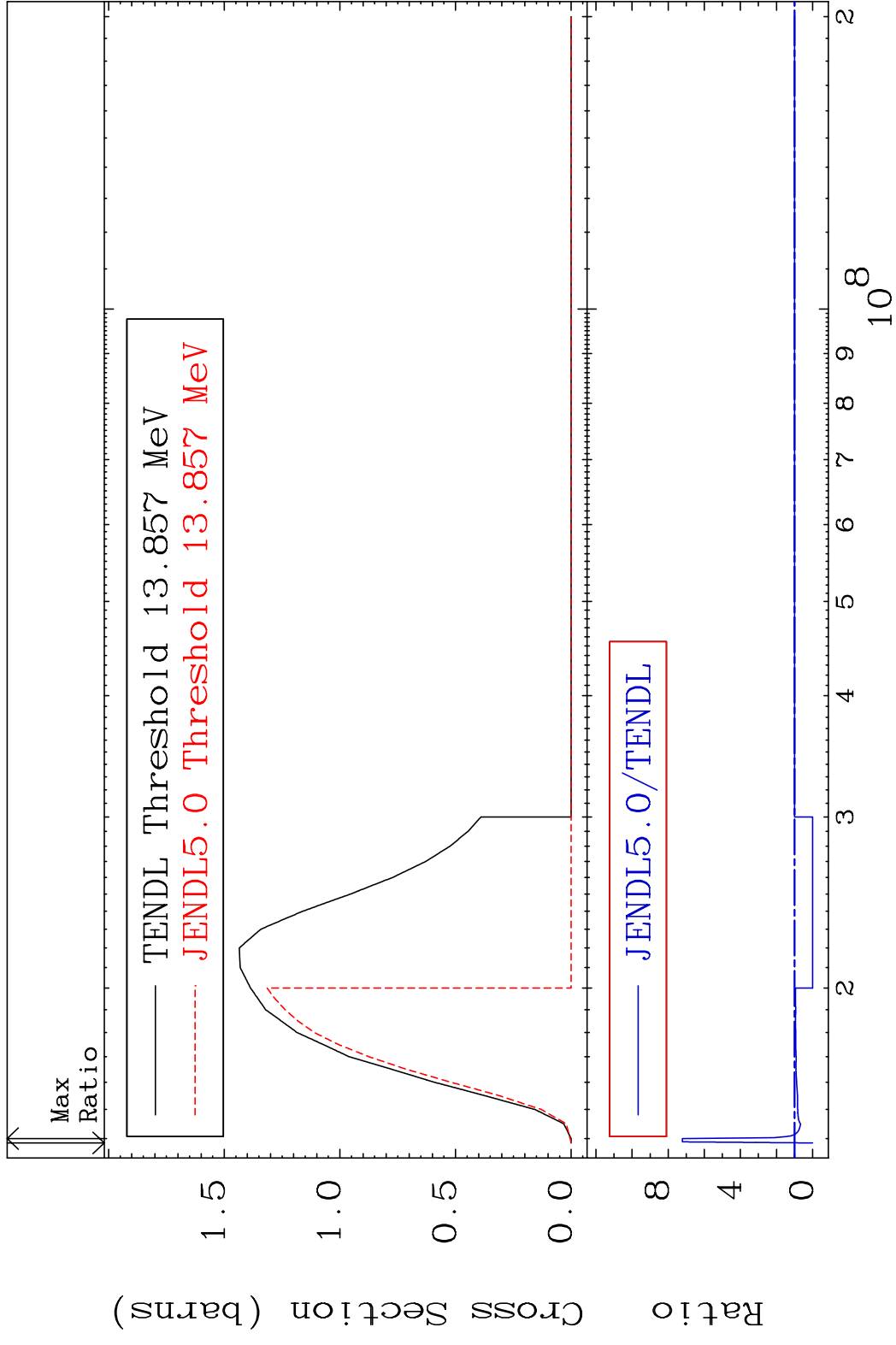
68-Er-169

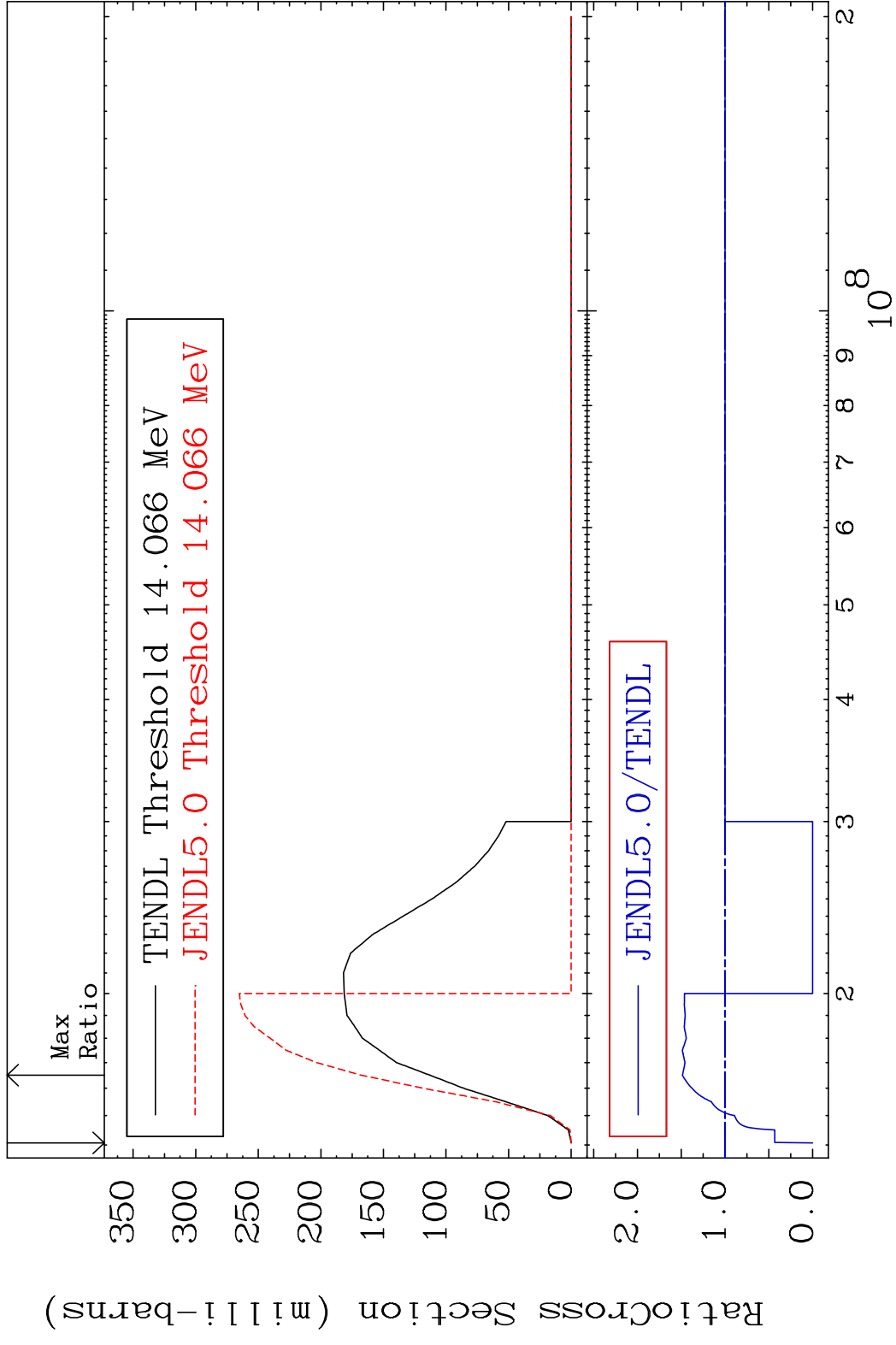
MAT 6846 Dpa inelastic (mt51-91) 68-Er-169
 Cross Section -100.0 To 714.8 %

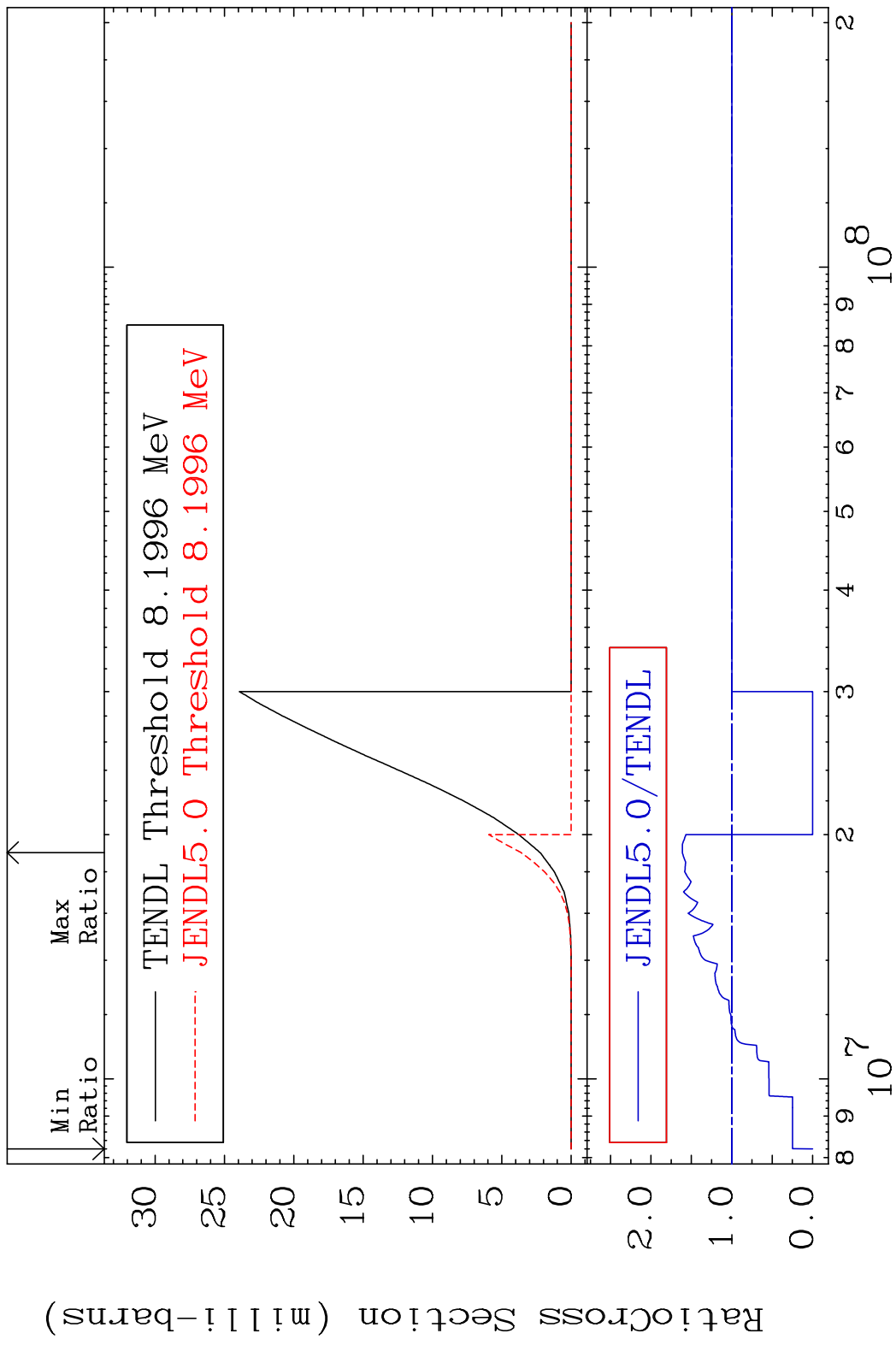


MAT 6846 Dpa disappearance (mt102 -120) 68-Er-169
 Cross Section -100.0 To 9999. %

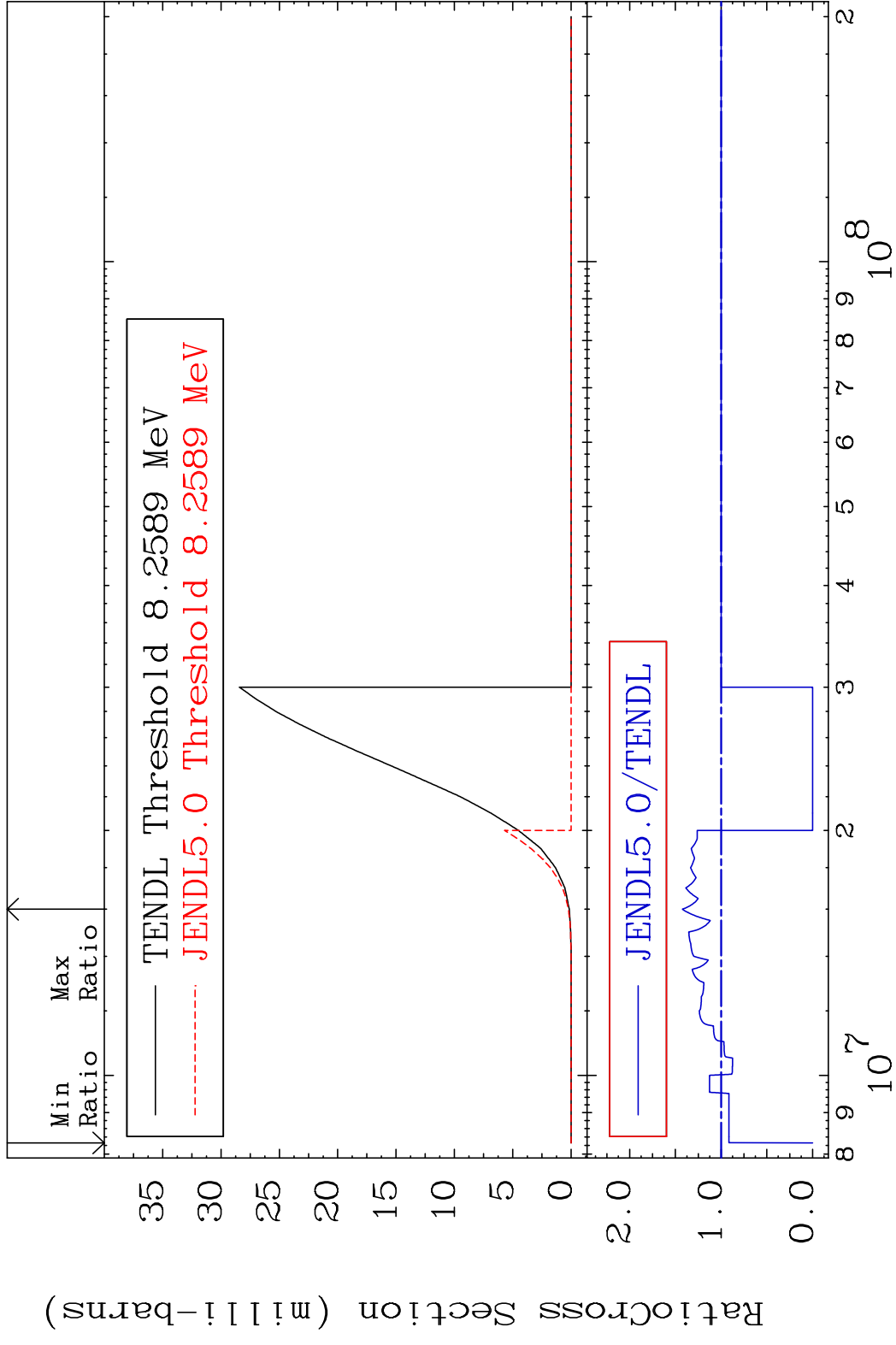




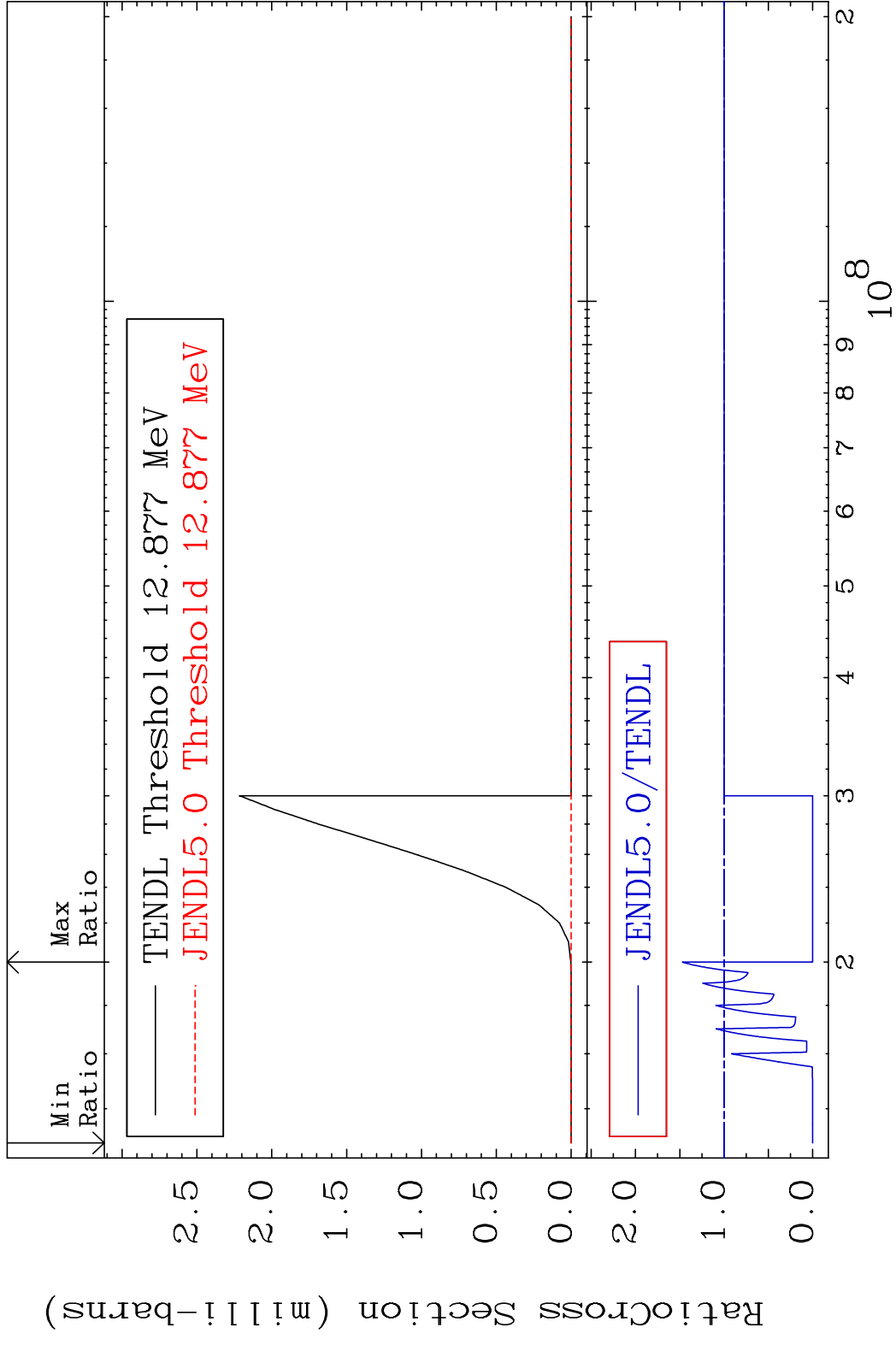


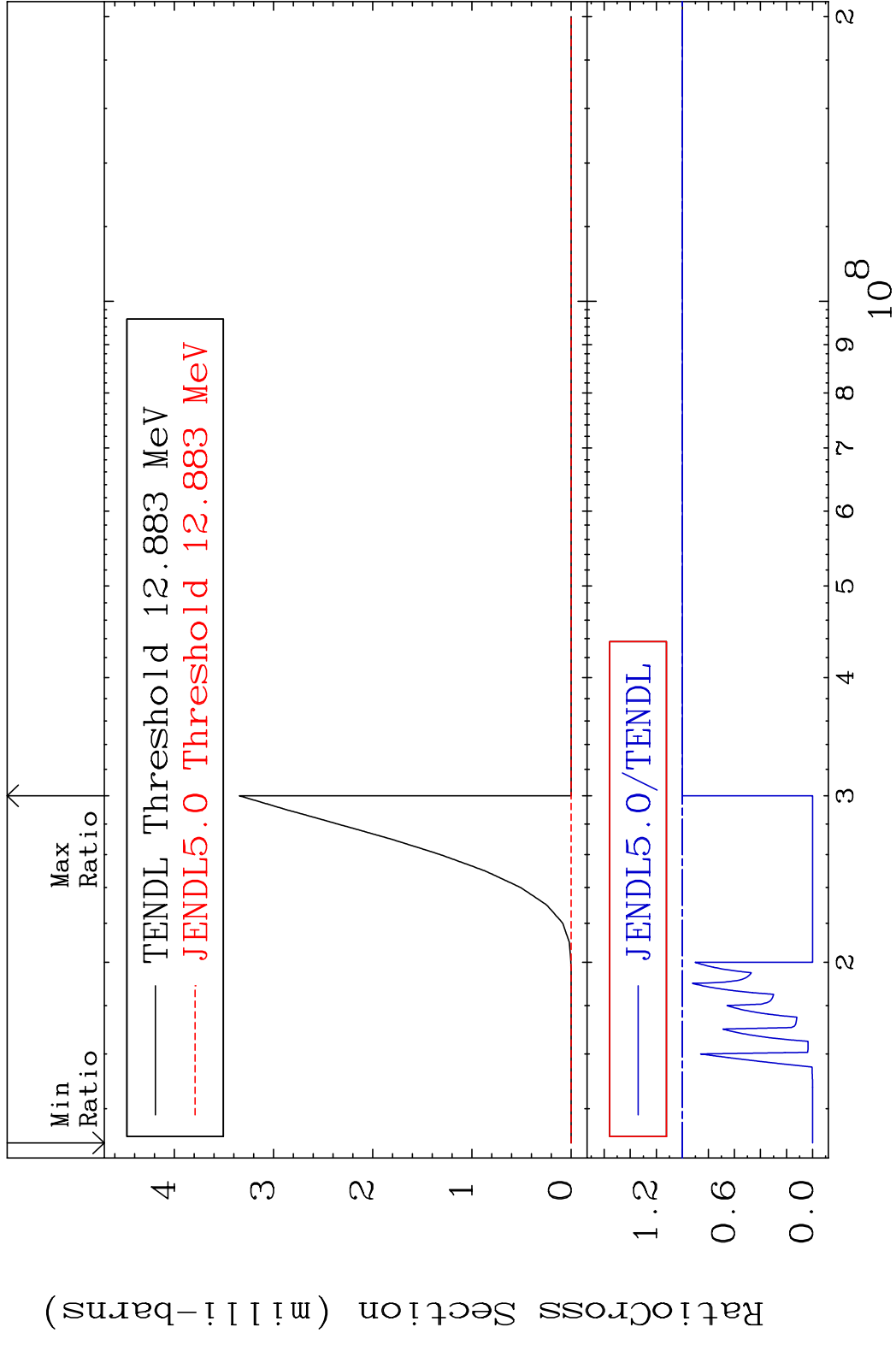


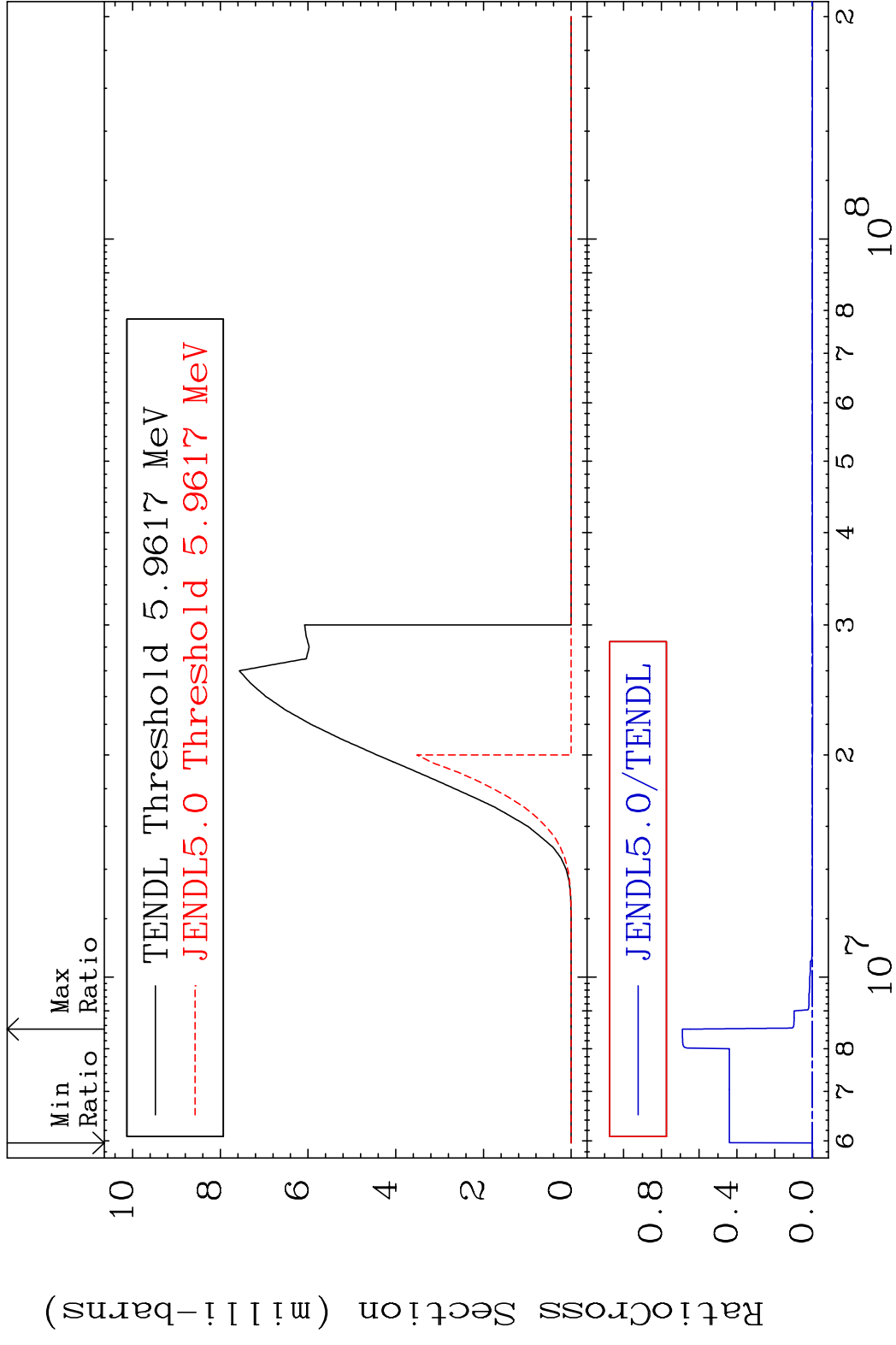
MAT 6846 (n, n') p:67-Ho-168m1 68-Er-169
 Radionuclide Production Cross Section 42.43 %

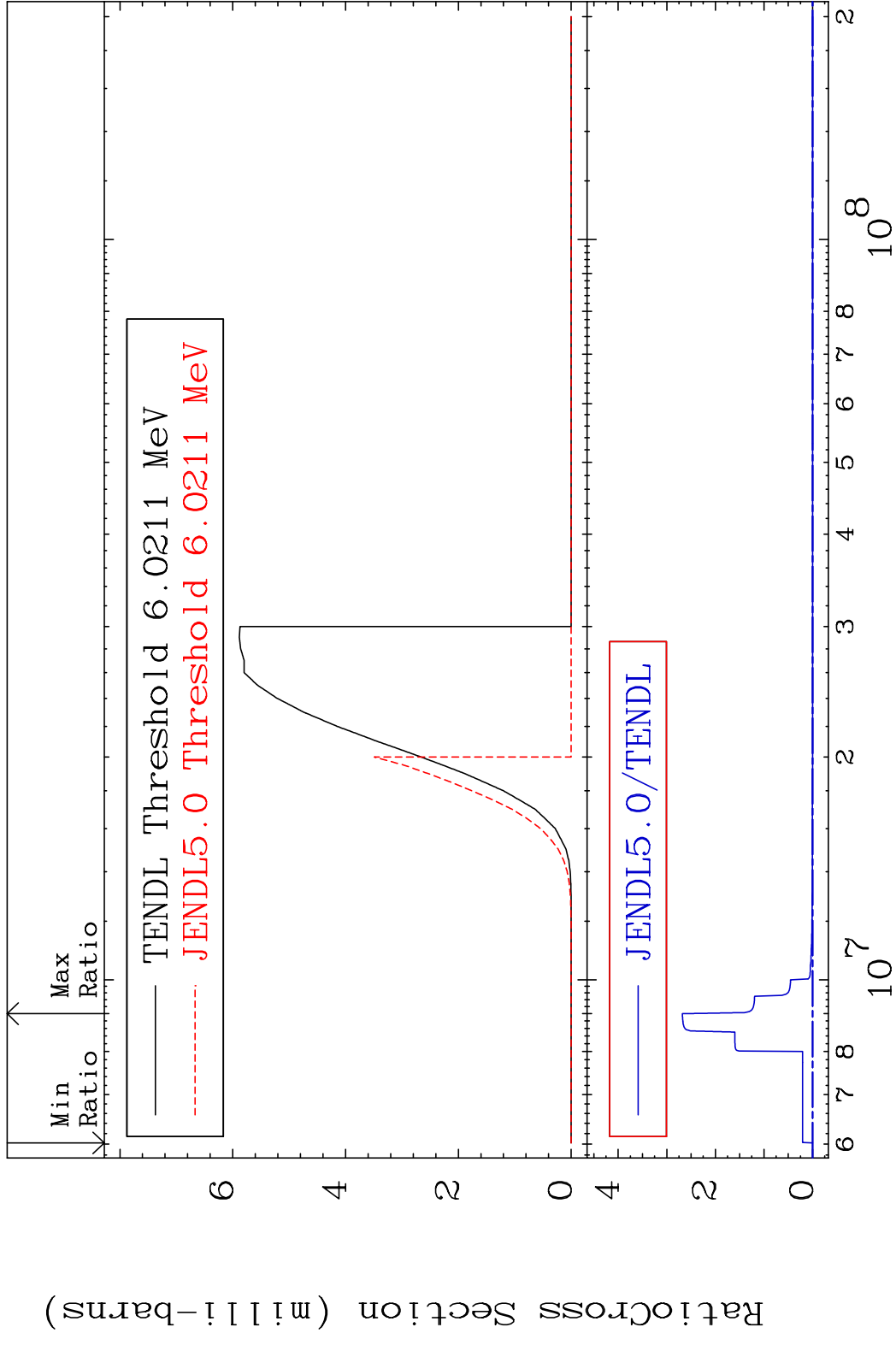


70 Incident Energy (eV) 68-Er-169

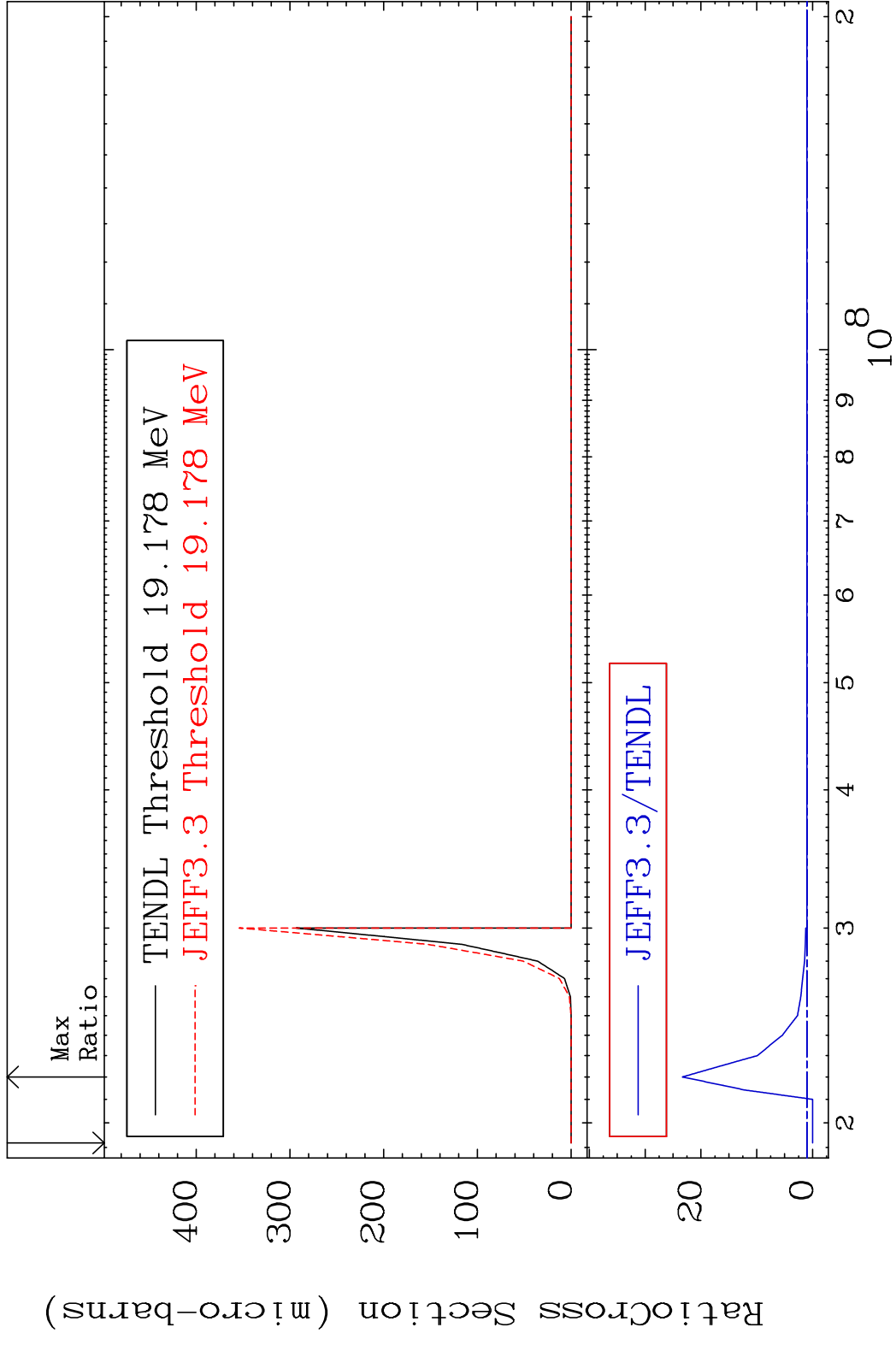




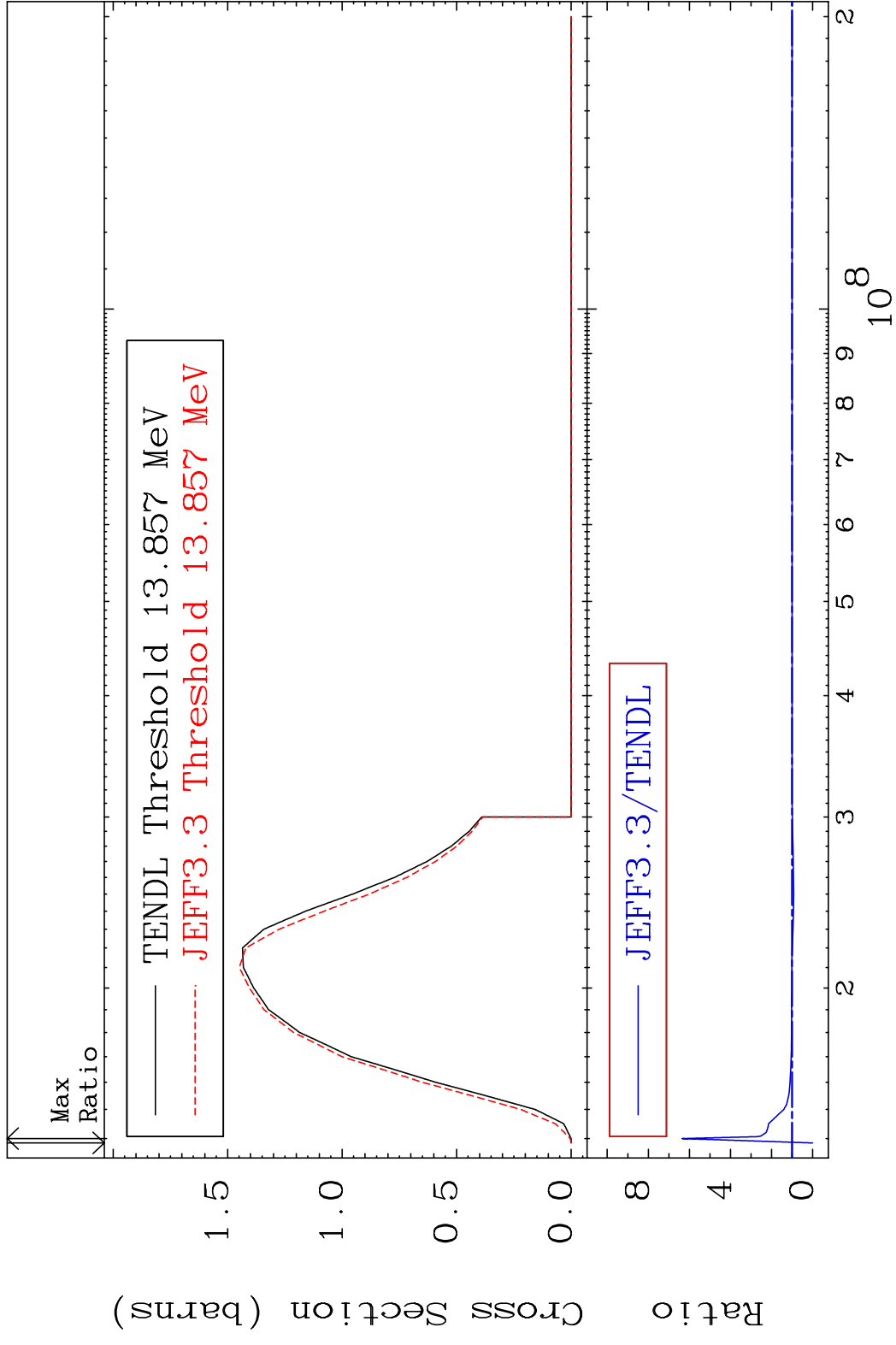




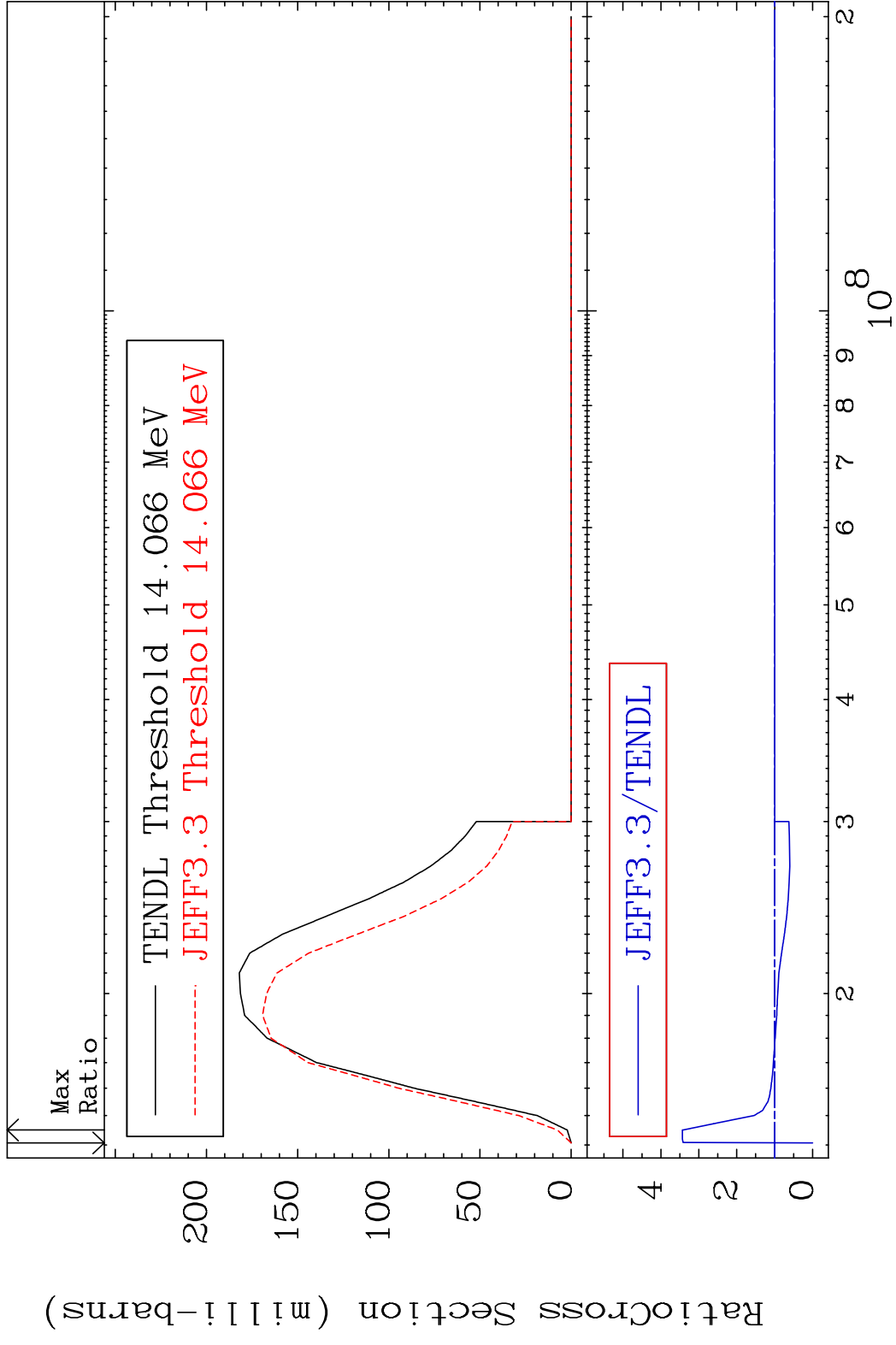
MAT 6846 (n,2n) d:67-Ho-166m1 68-Er-169
 Radionuclide Production Cross Section Ratio 2233. %

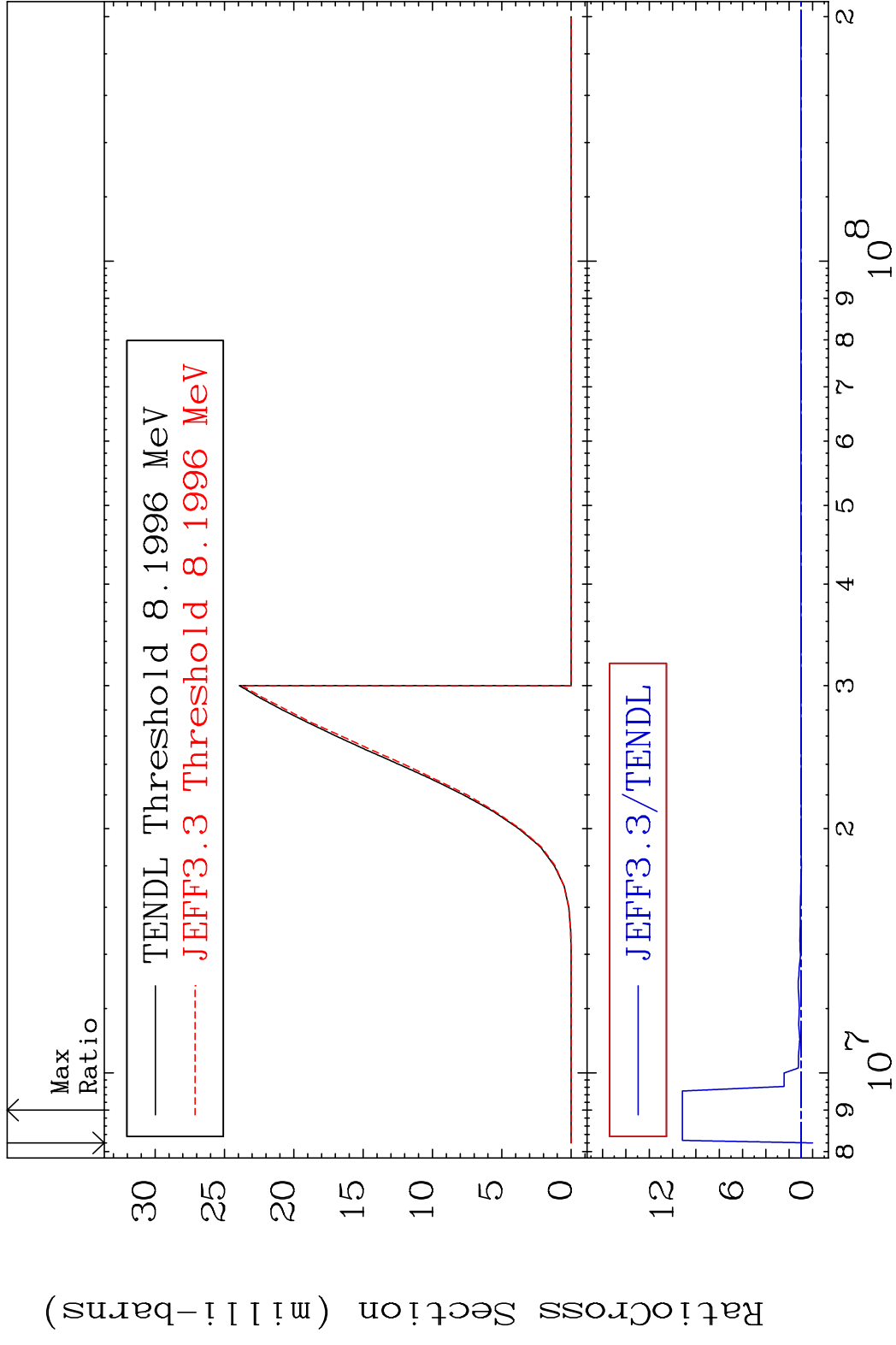


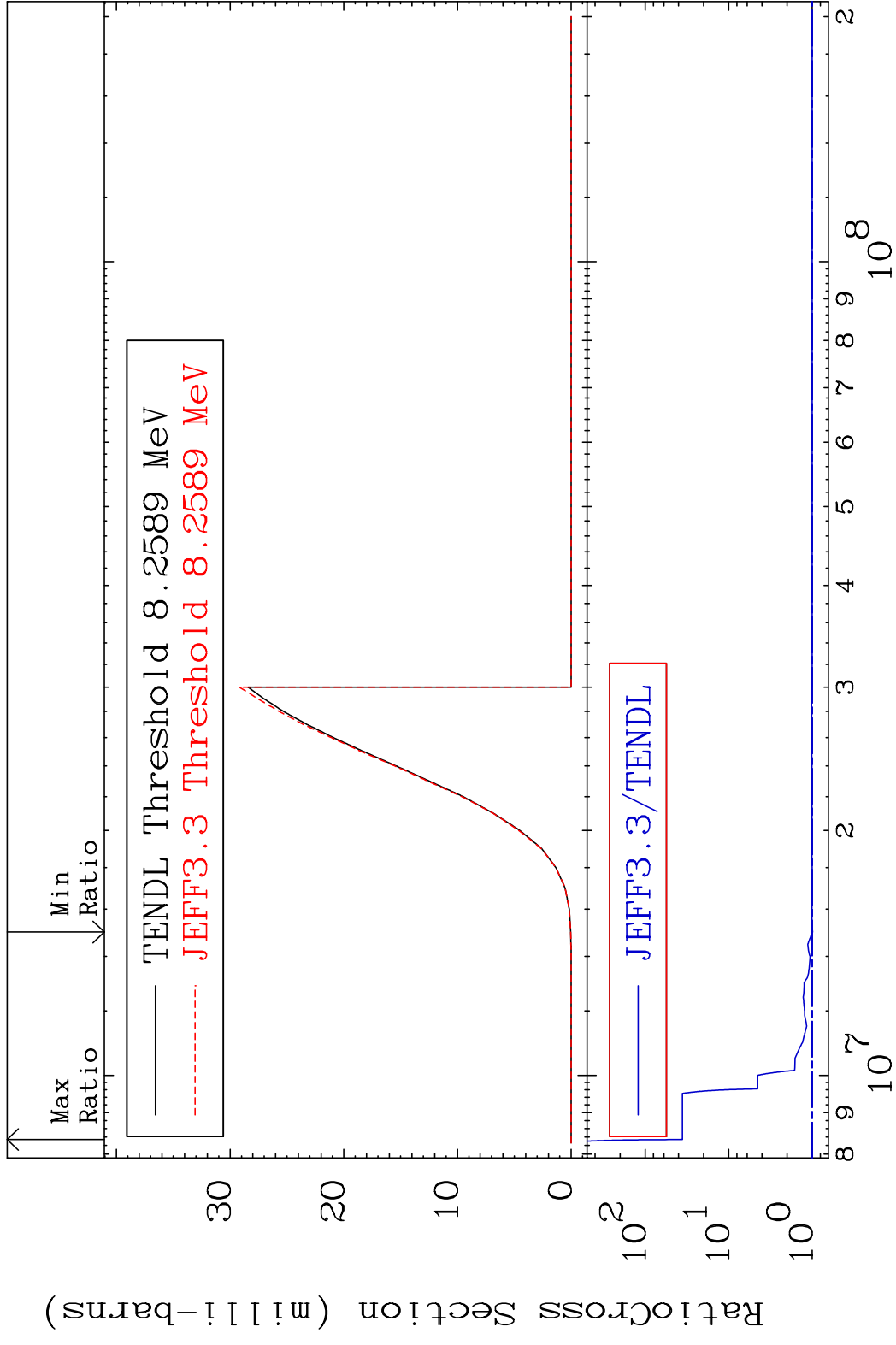
MAT 6846 (n,3n):68-Er-167g 68-Er-169
 Radionuclide Production Cross Section 180.0 dth 534.2 %



MAT 6846 (n, 3n):68-Er-167m3 68-Er-169
 Radionuclide Production Cross Section 180.0 mb 243.4 %







MAT 6846 (n, n') t:67-Ho-166g 68-Er-169
 Radionuclide Production Cross Section 180.0 dth 780.6 %

