

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

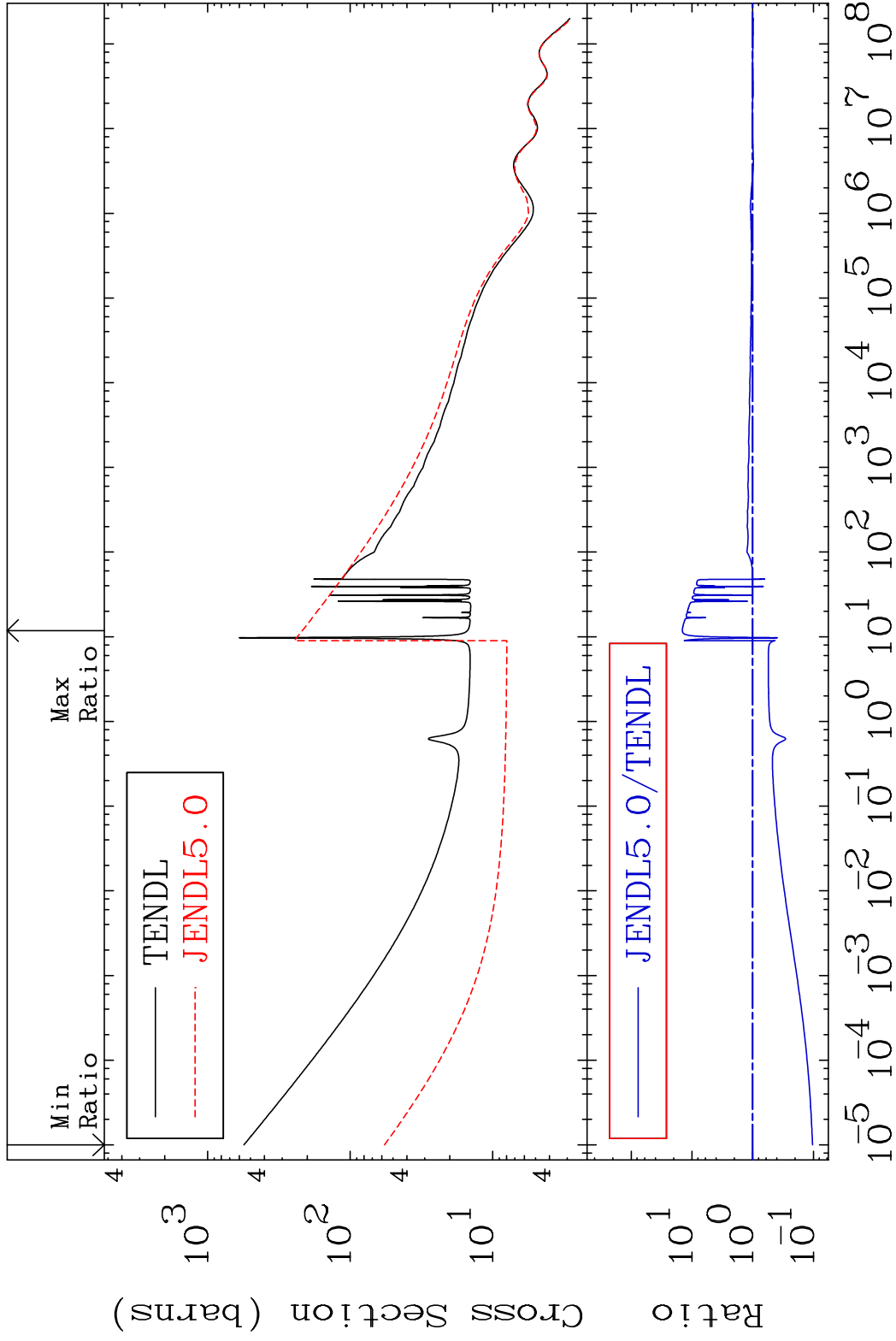
Press Mouse Button to Start

MAT 7841

Total

78-Pt-195m

Cross Section -89.67 To 1338. %



1

Incident Energy (eV)

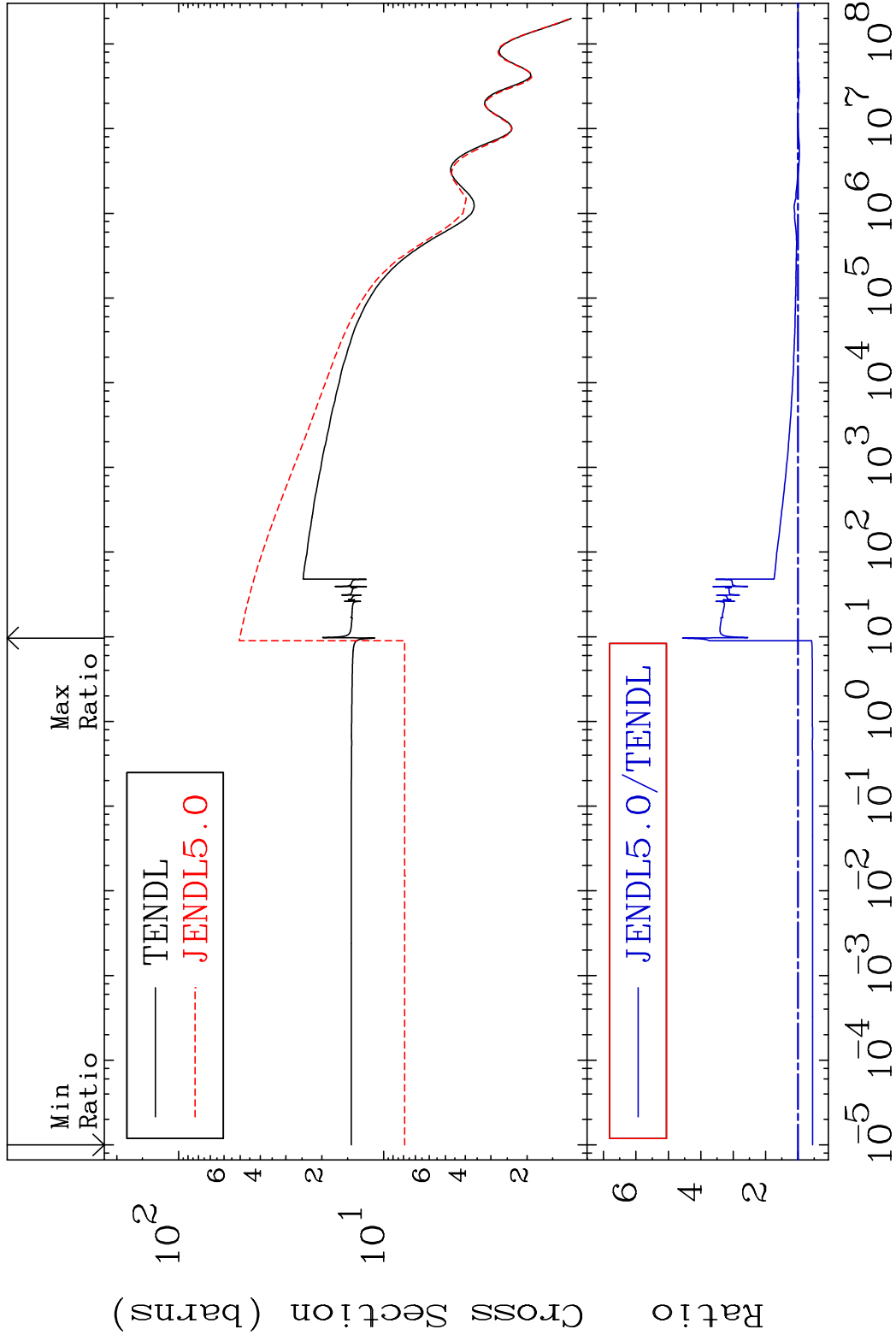
78-Pt-195m

MAT 7841

Elastic

78-Pt-195m

Cross Section -45.05 To 356.8 %



2

Incident Energy (eV)

78-Pt-195m

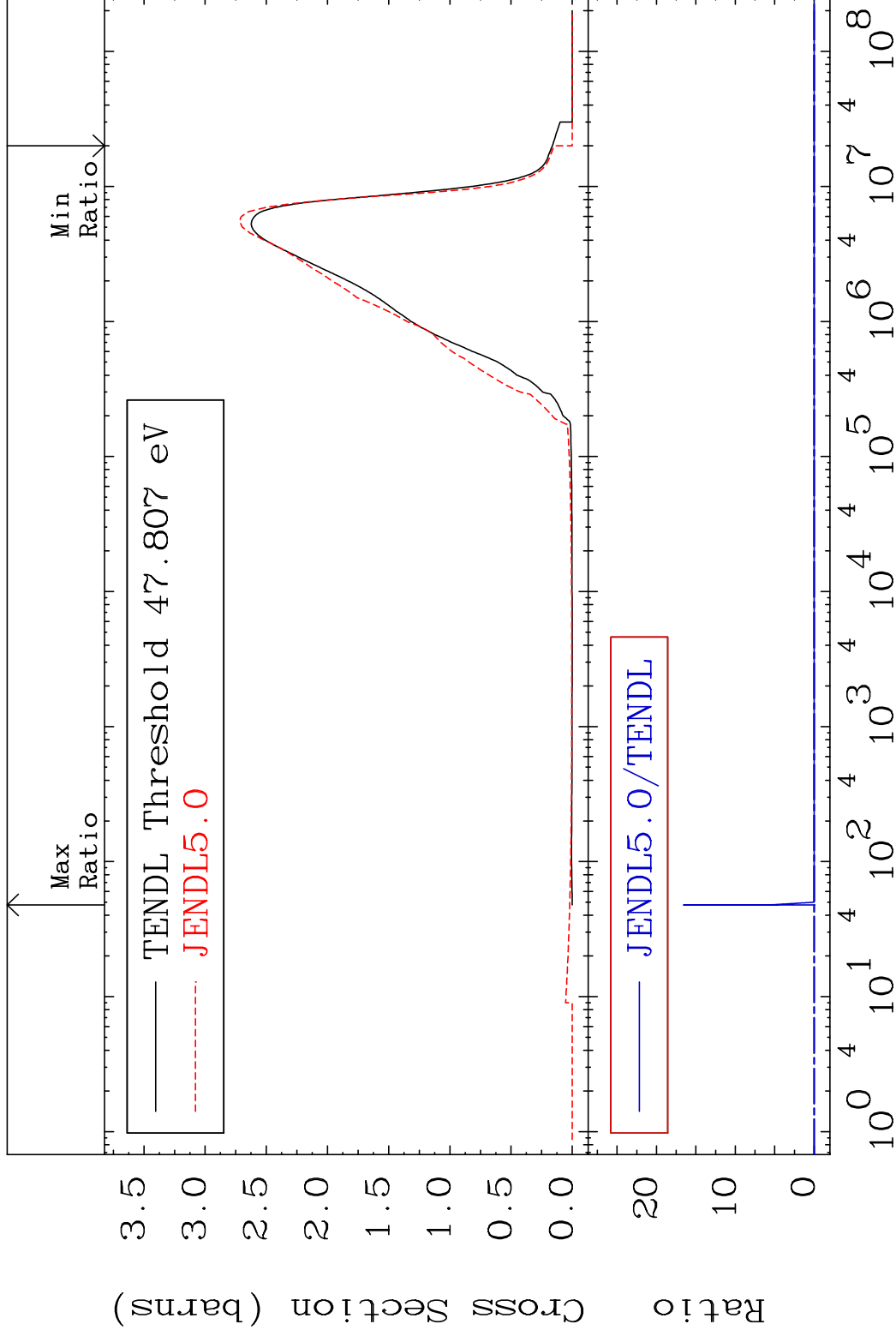
MAT 7841

Inelastic

78-Pt-195m

Cross Section

-100.0 To 9999. %



3

Incident Energy (eV)

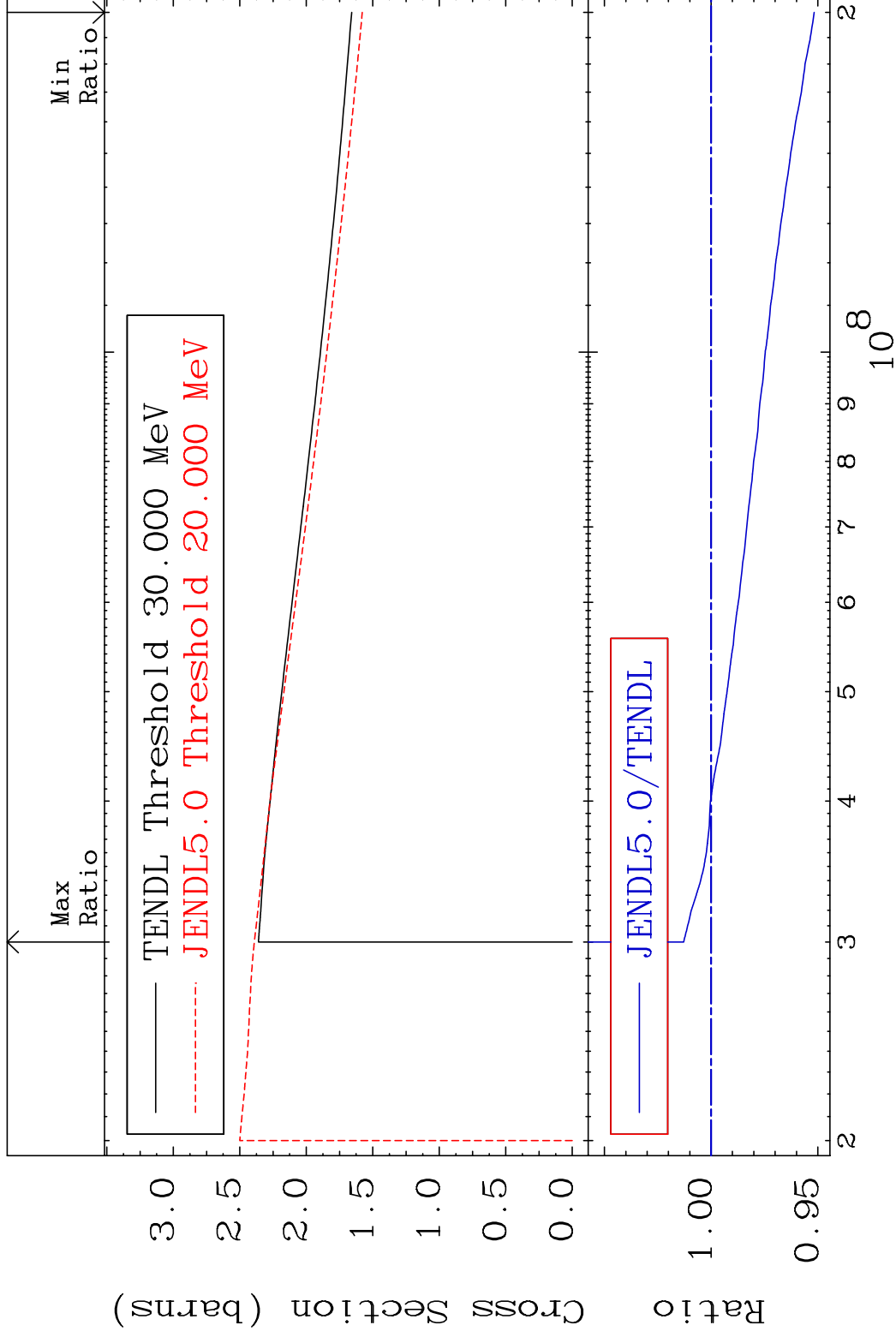
78-Pt-195m

MAT 7841

(n, remainder)

78-Pt-195m

Cross Section -4.827 To 1.287 %



4

Incident Energy (eV)

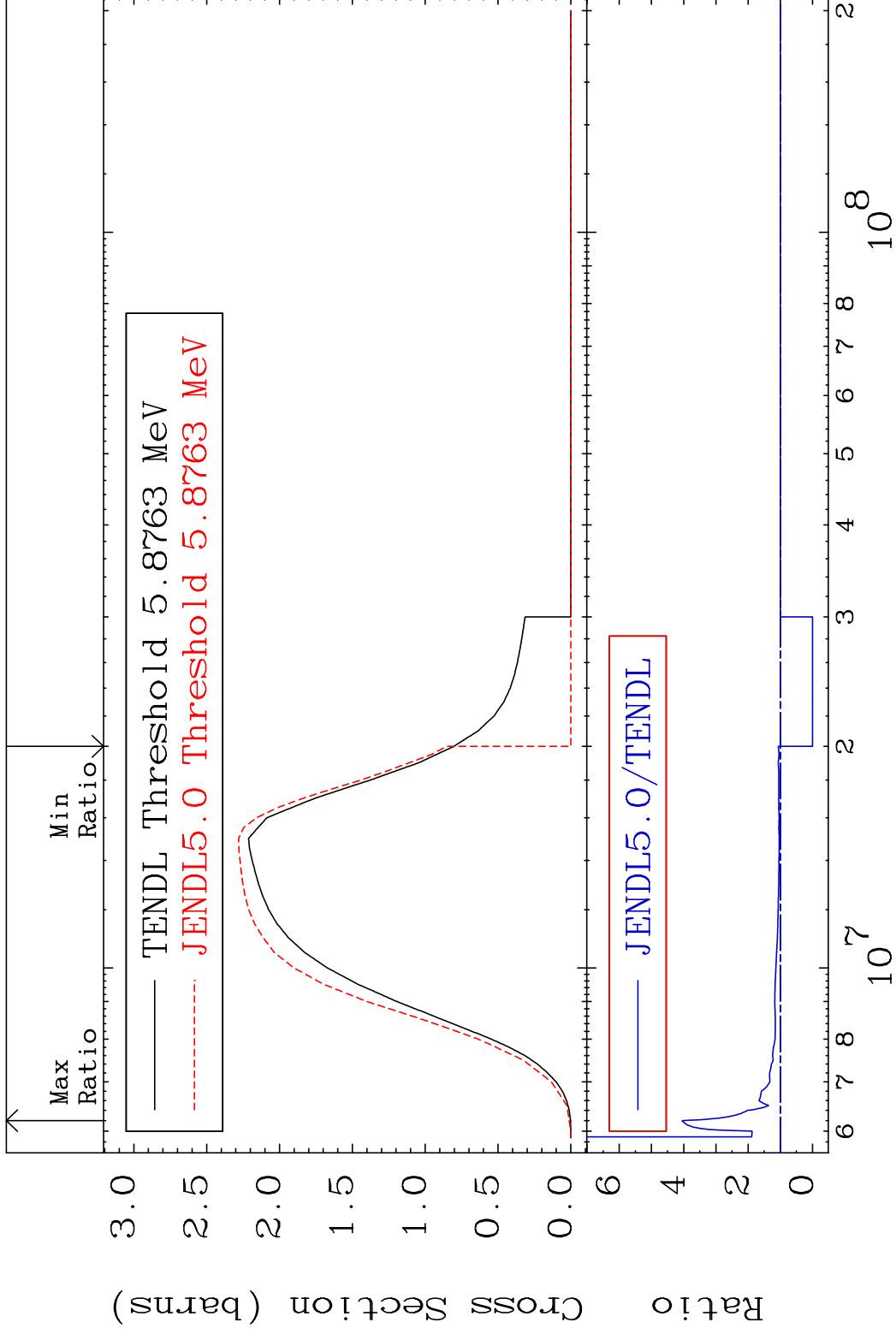
78-Pt-195m

MAT 7841

(n,2n)

78-Pt-195m

Cross Section -100.0 To 304.8 %



5

Incident Energy (eV)

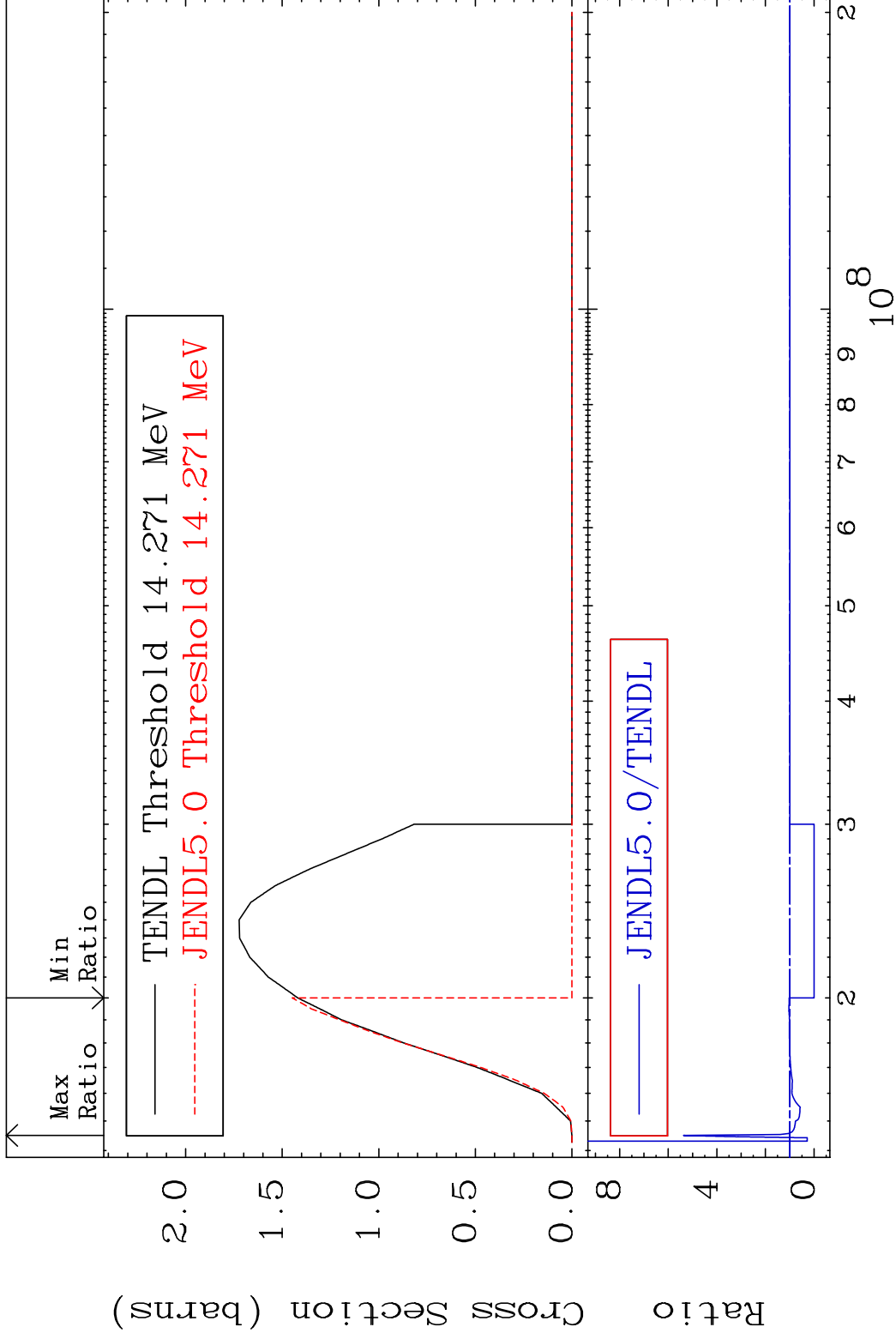
78-Pt-195m

MAT 7841

(n,3n)

78-Pt-195m

Cross Section -100.0 To 437.4 %



6

Incident Energy (eV)

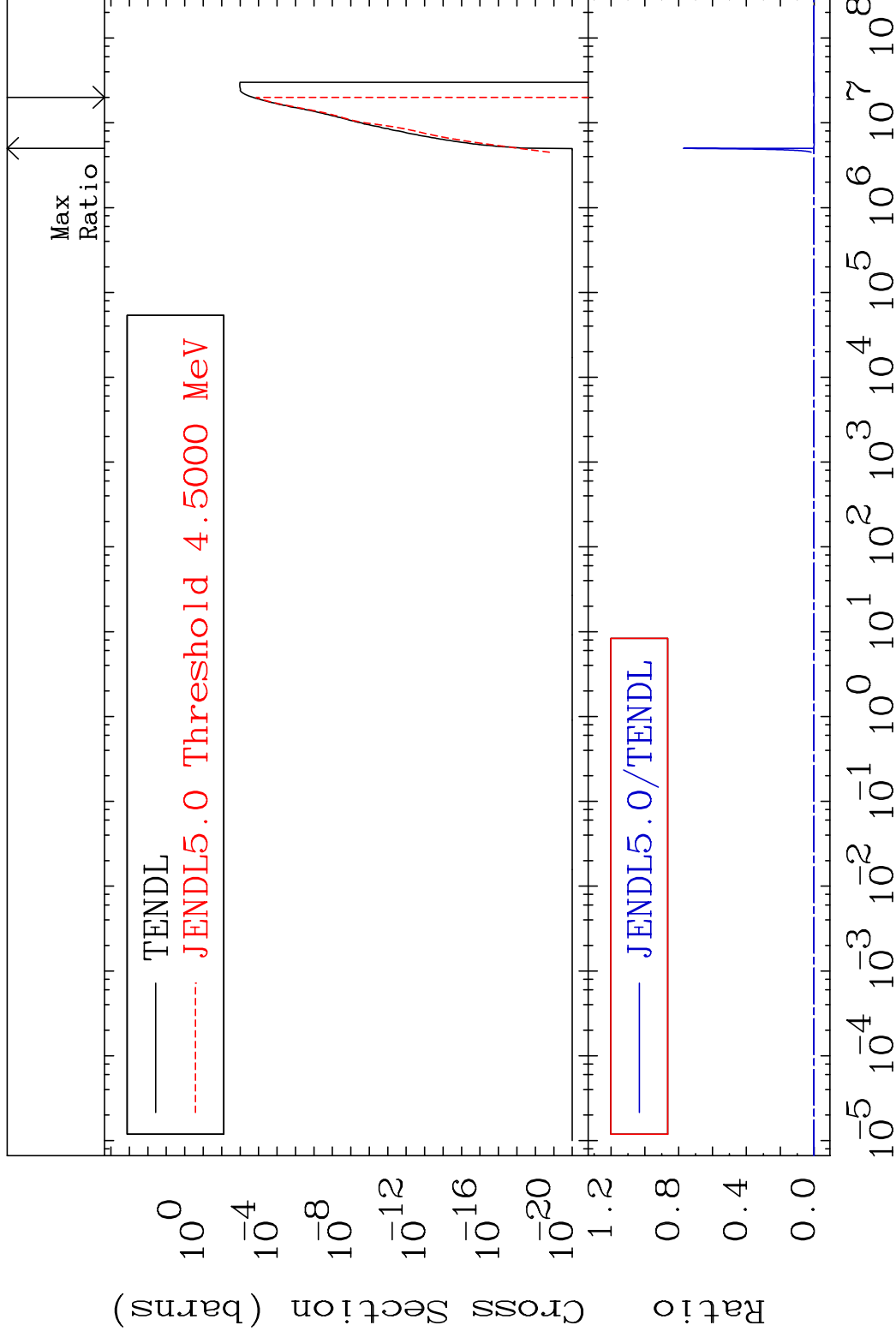
78-Pt-195m

MAT 7841

(n, n') α

78-Pt-195m

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

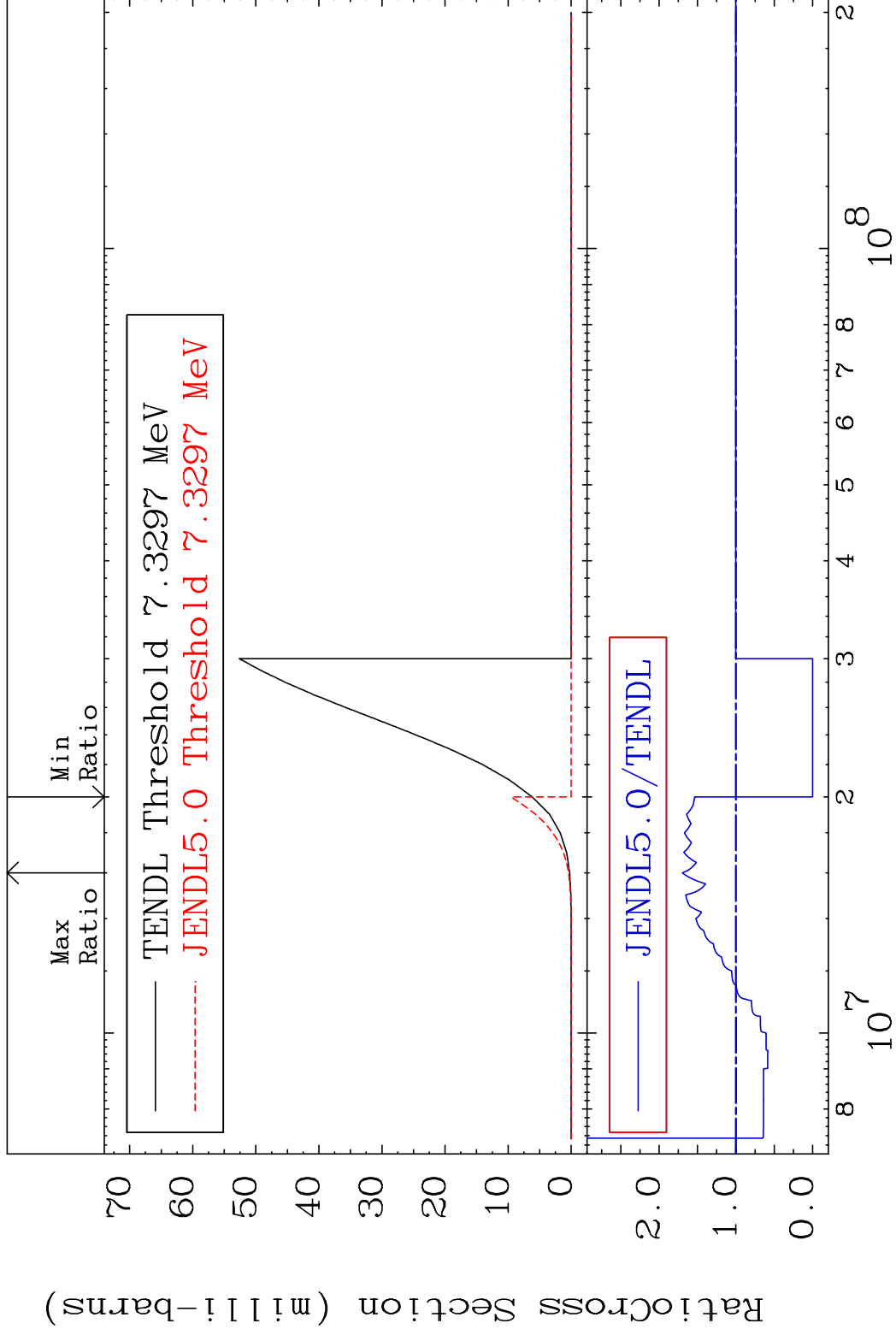
78-Pt-195m

MAT 7841

(n, n') p

78-Pt-195m

Cross Section -100.0 To 69.77 %



8

Incident Energy (eV)

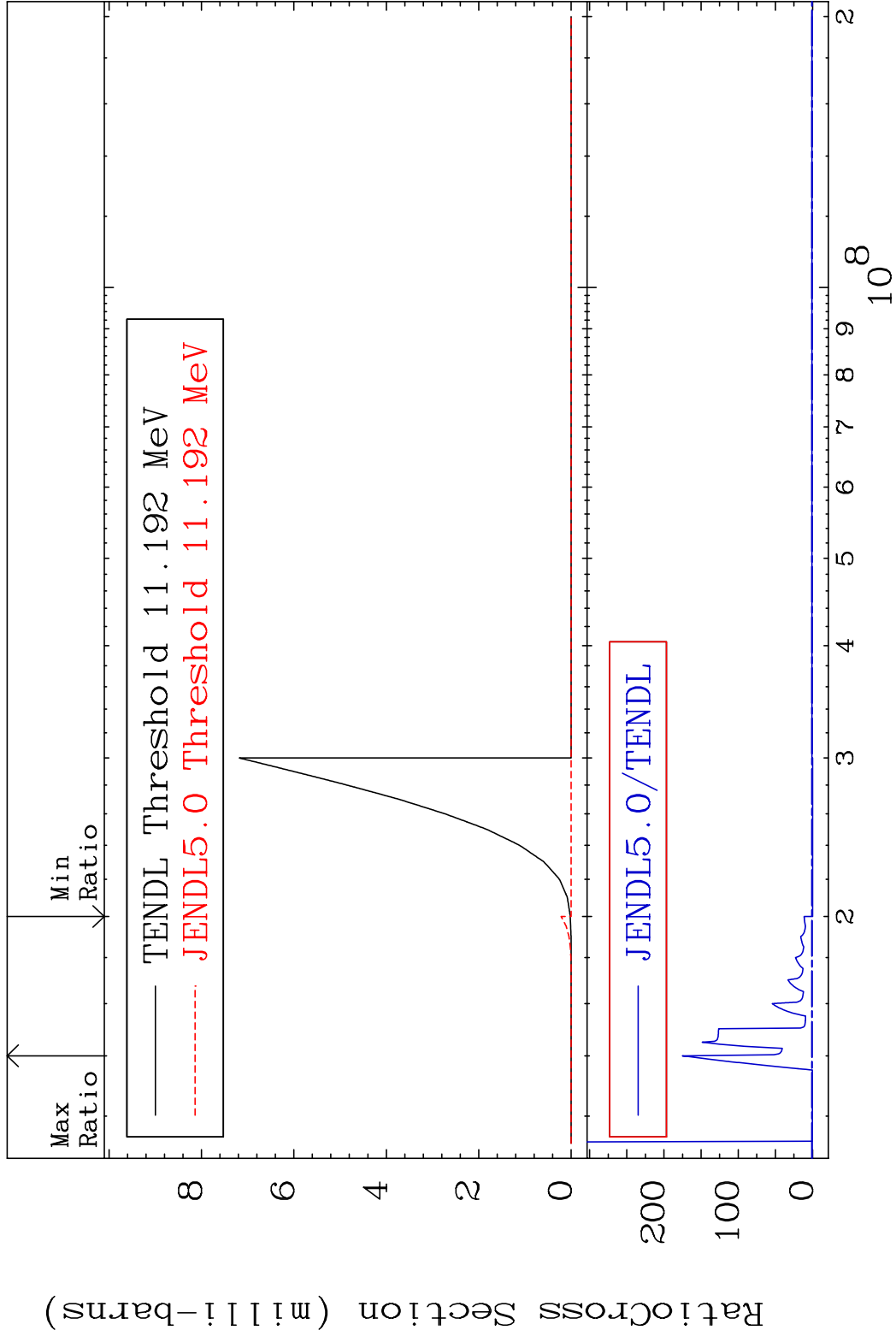
78-Pt-195m

MAT 7841

(n, n') d

78-Pt-195m

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

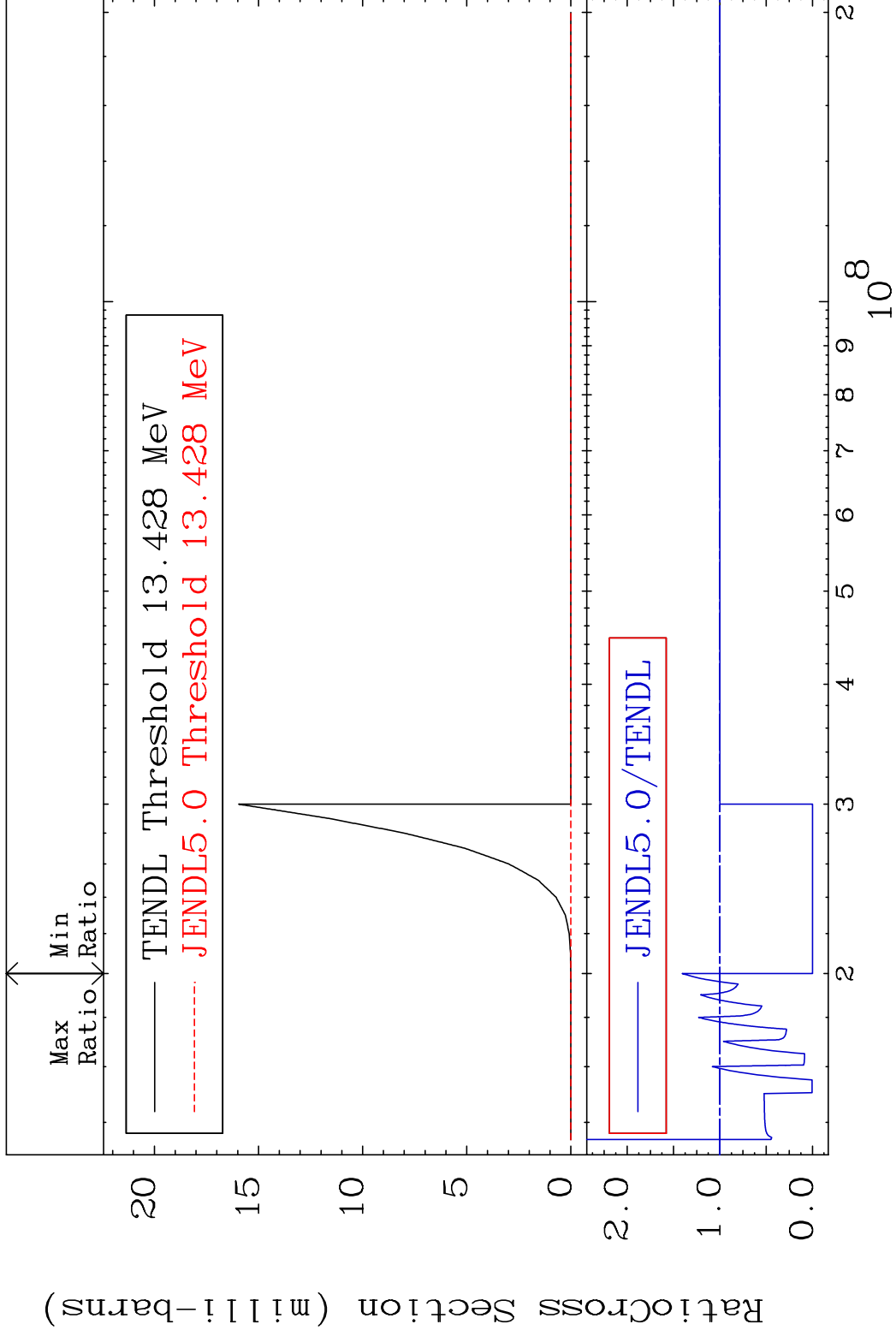
78-Pt-195m

MAT 7841

(n,2n) p

78-Pt-195m

Cross Section -100.0 To 40.72 %

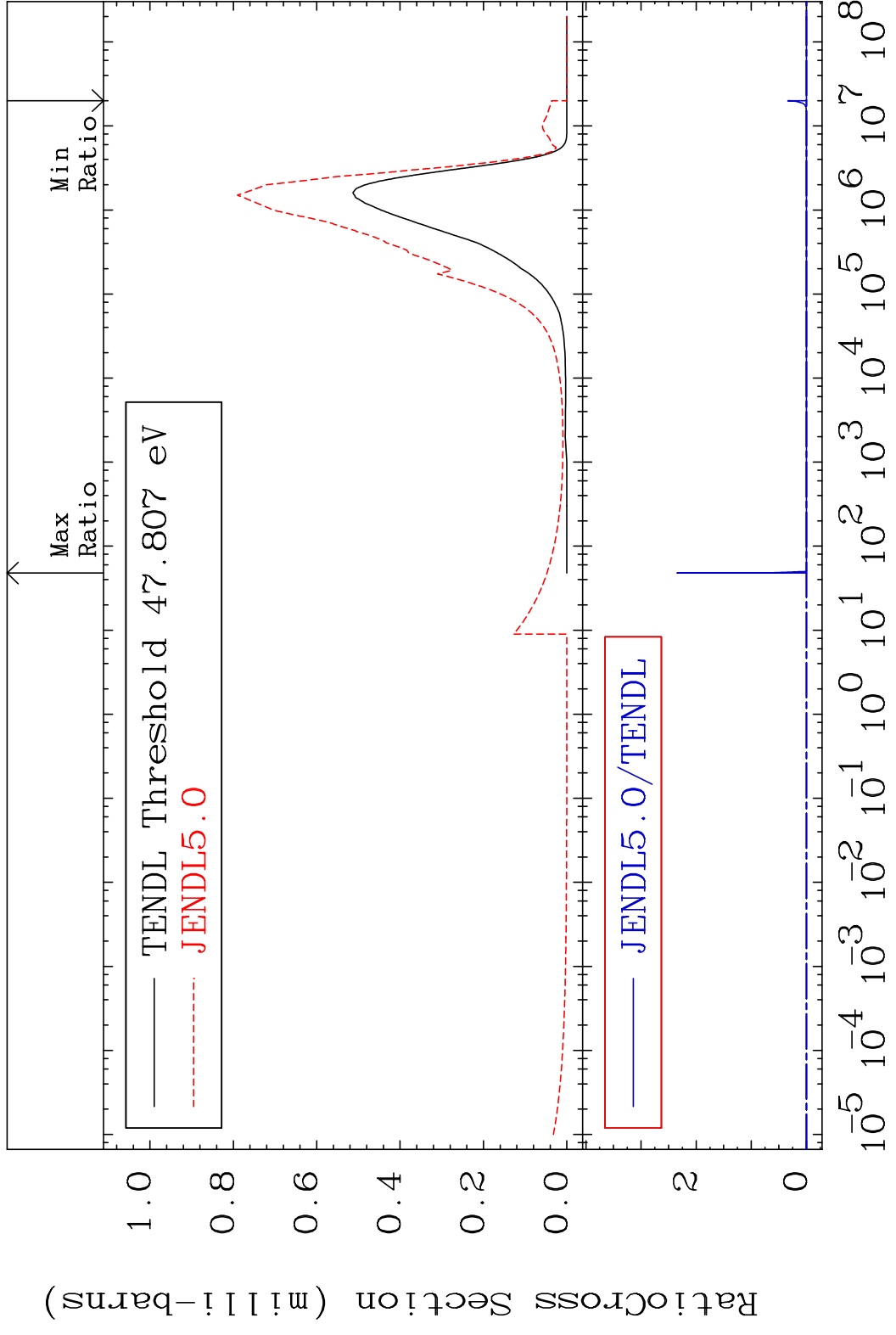


10

Incident Energy (eV)

78-Pt-195m

MAT 7841 MT= 51 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



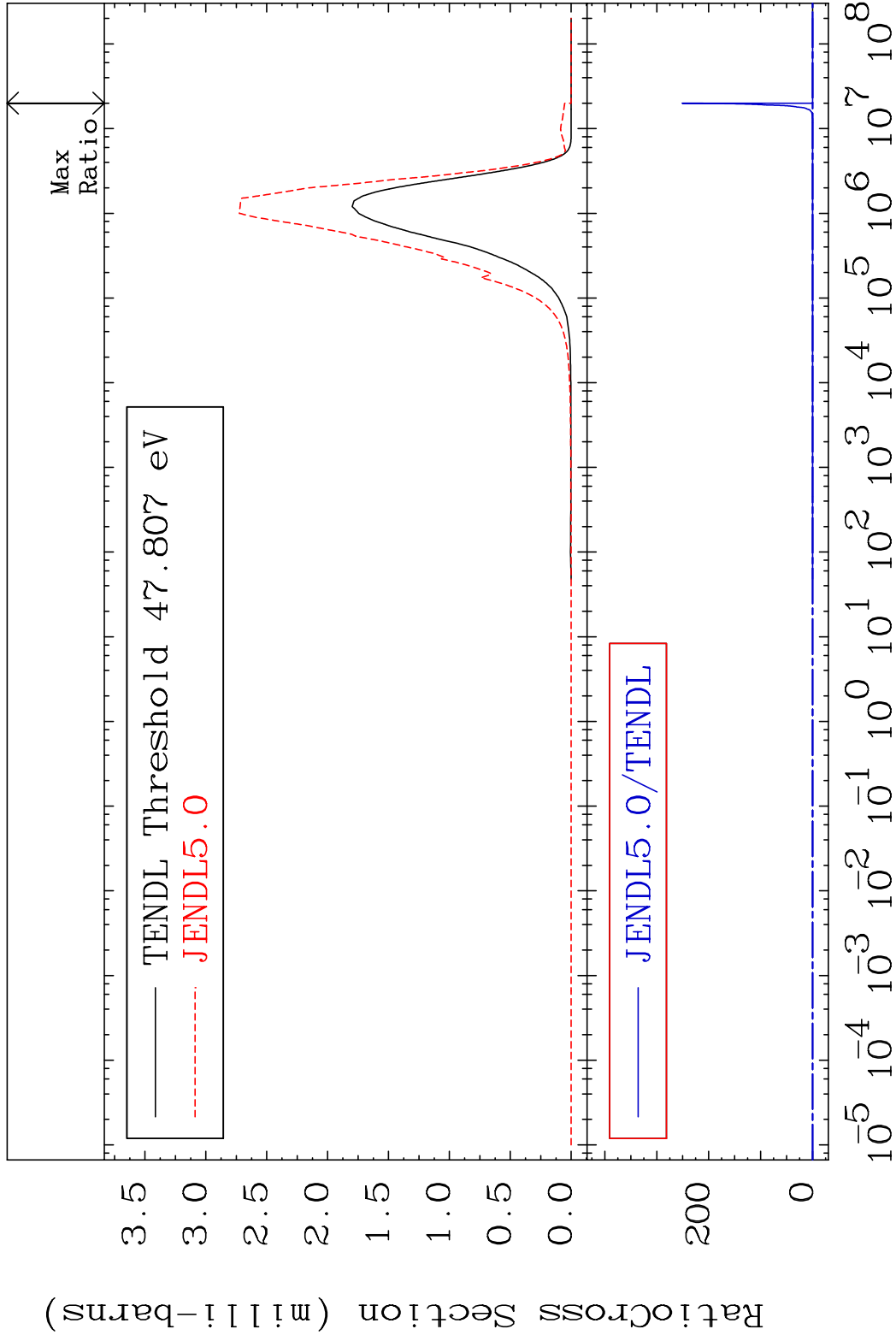
11 Incident Energy (eV) 78-Pt-195m

MAT 7841

MT= 52 (n,n') Level

78-Pt-195m

Cross Section -100.0 To 9999. %

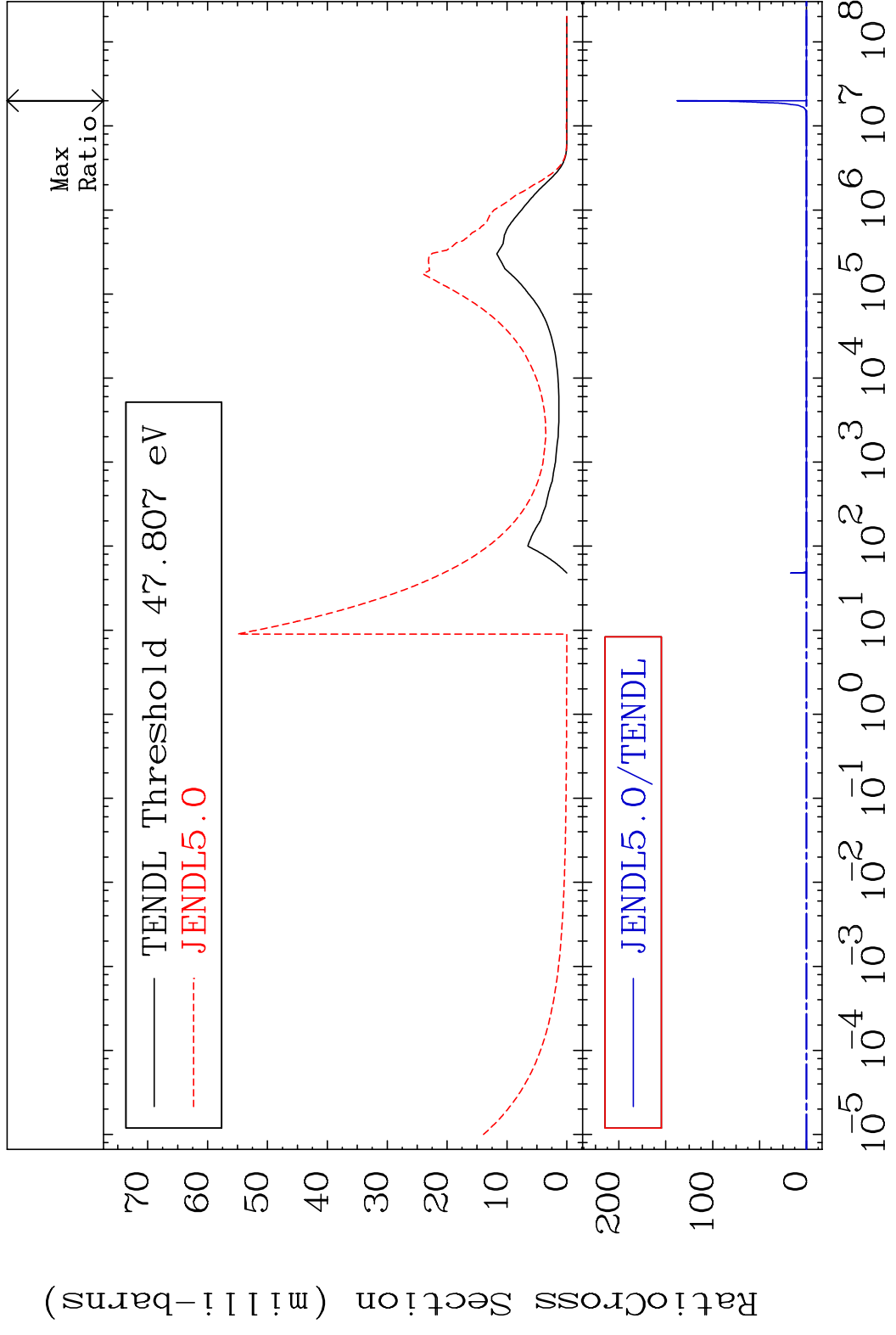


12

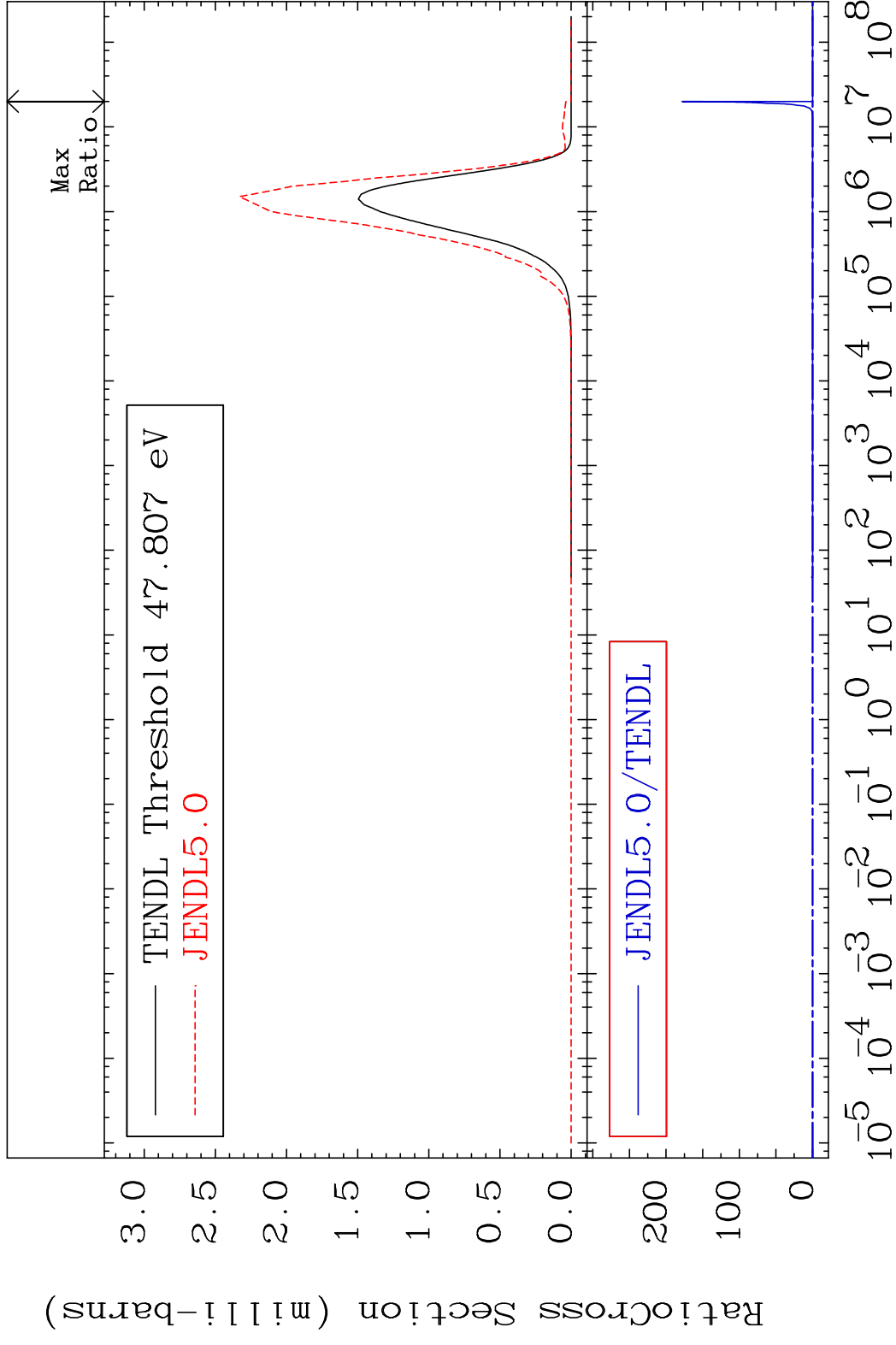
Incident Energy (eV)

78-Pt-195m

MAT 7841 MT= 53 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

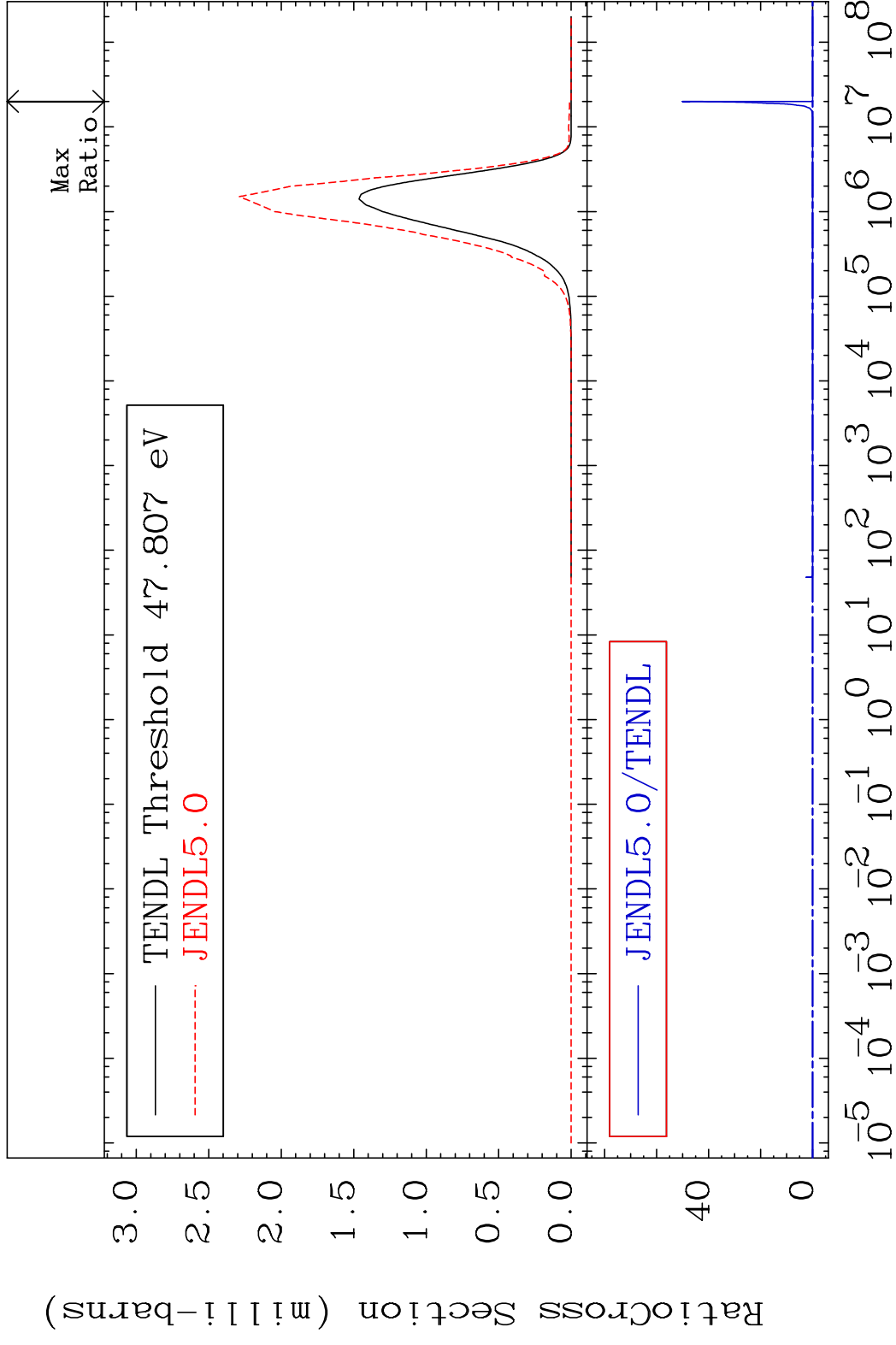


MAT 7841 MT= 54 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



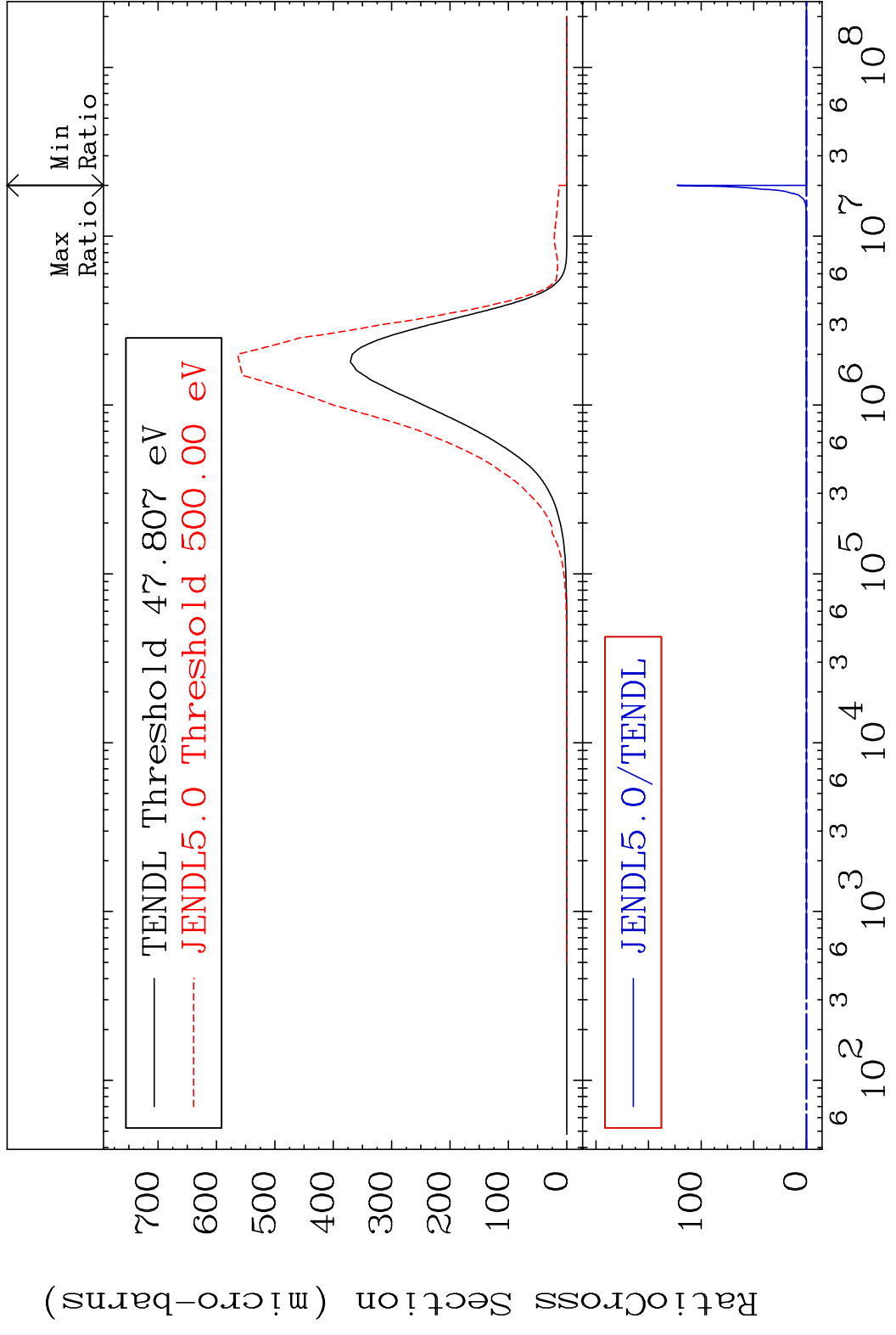
14 Incident Energy (eV) 78-Pt-195m

MAT 7841 MT= 55 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



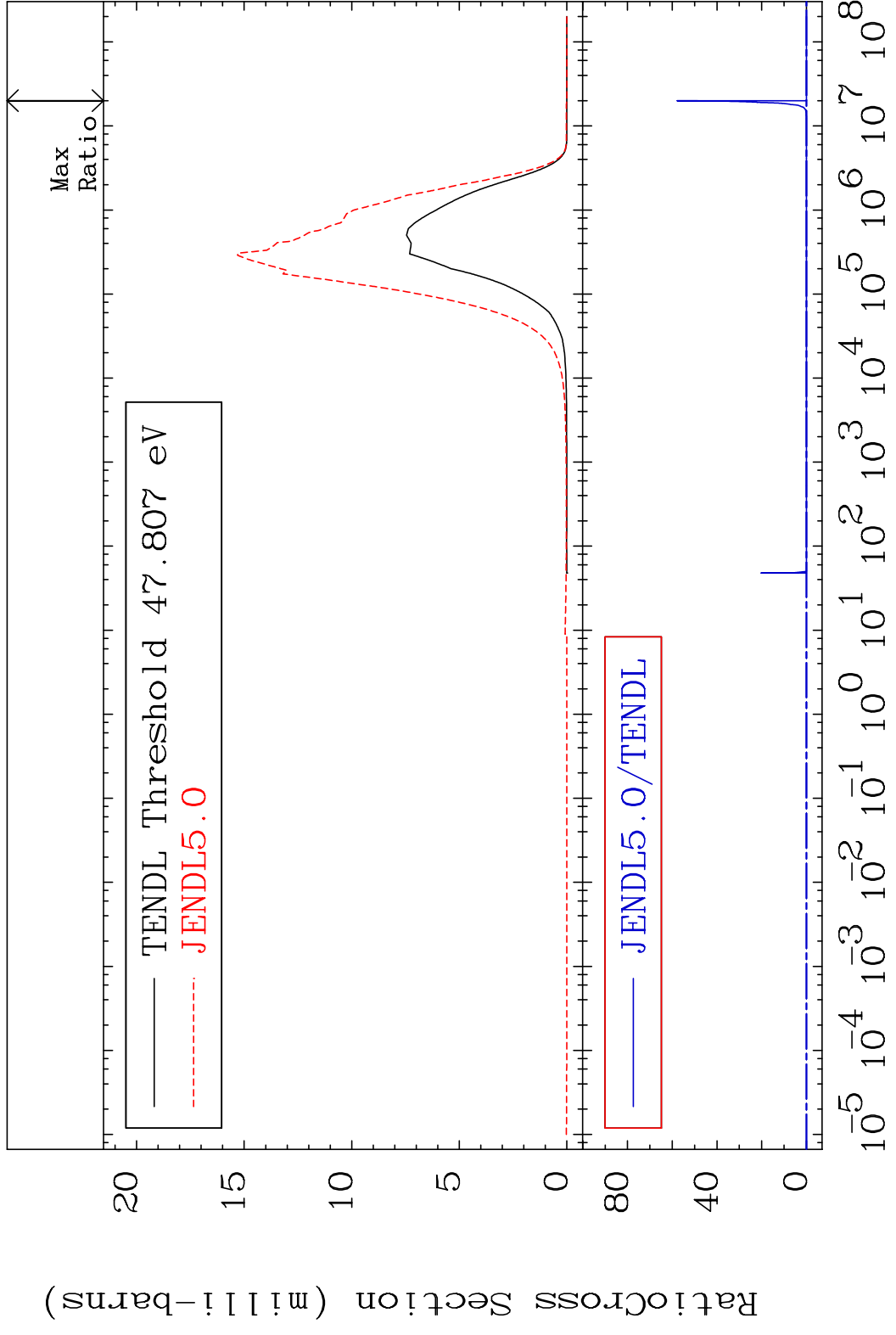
15 Incident Energy (eV) 78-Pt-195m

MAT 7841 MT= 56 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



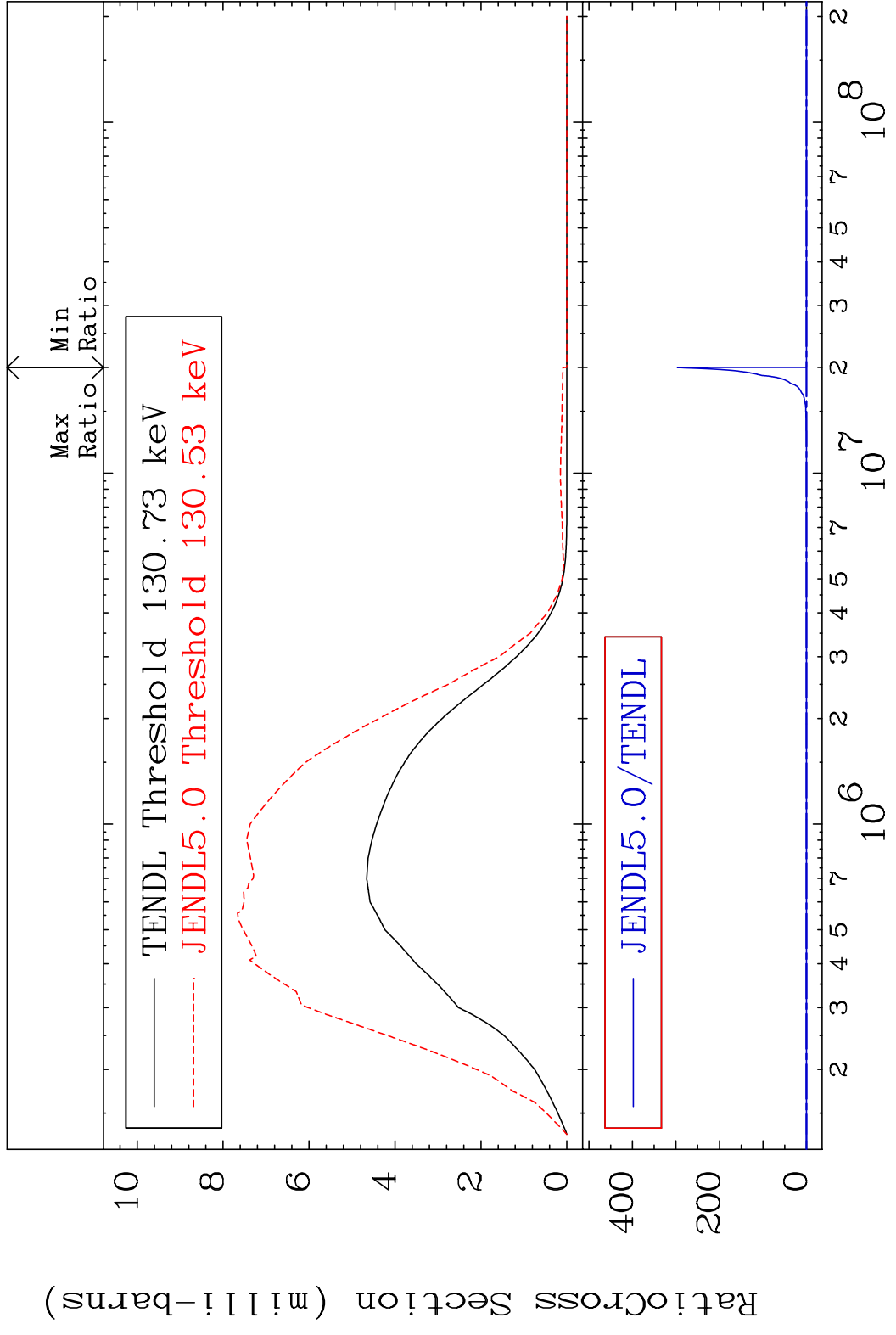
16 Incident Energy (eV) 78-Pt-195m

MAT 7841 MT= 57 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

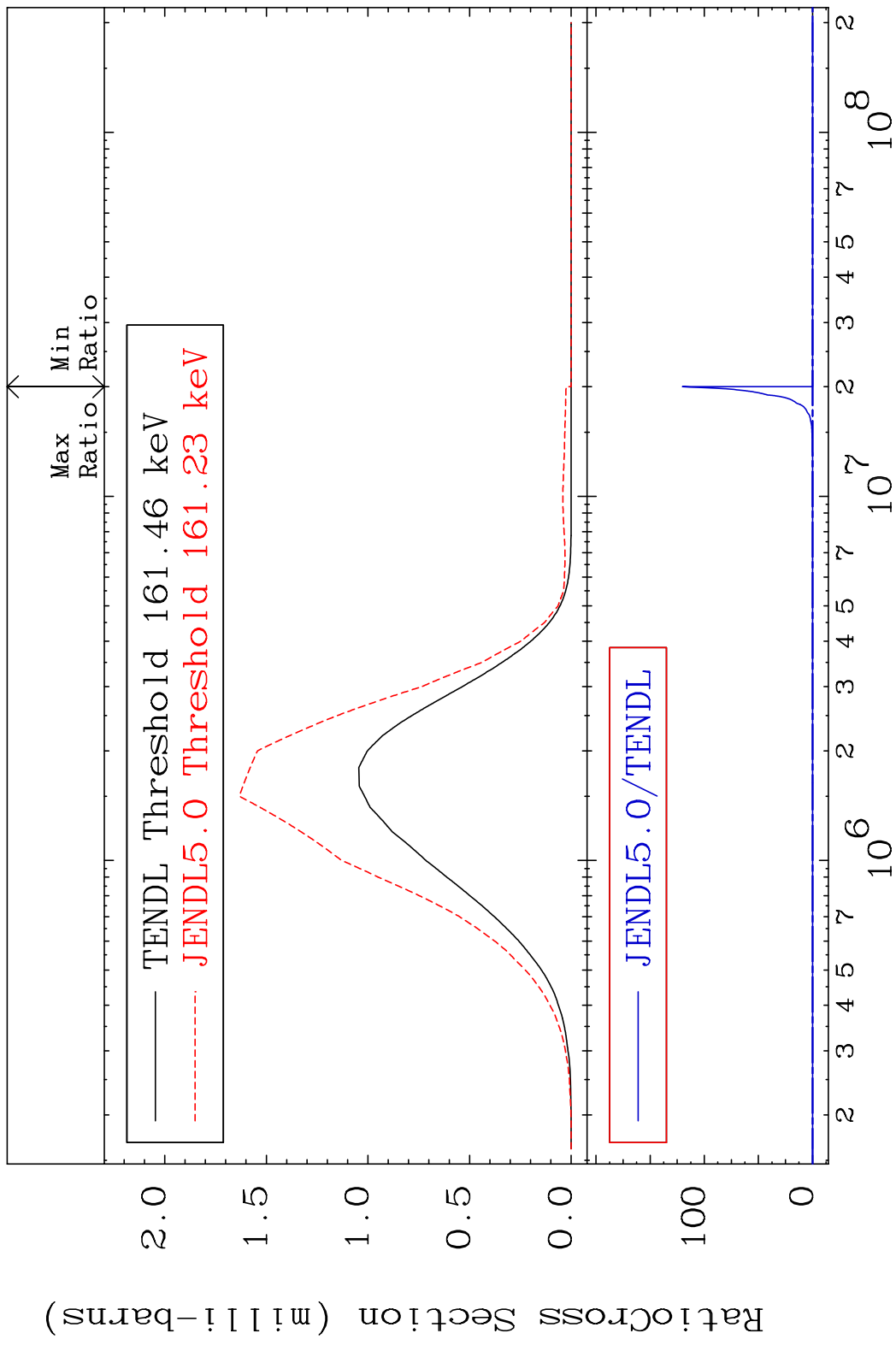


17 Incident Energy (eV) 78-Pt-195m

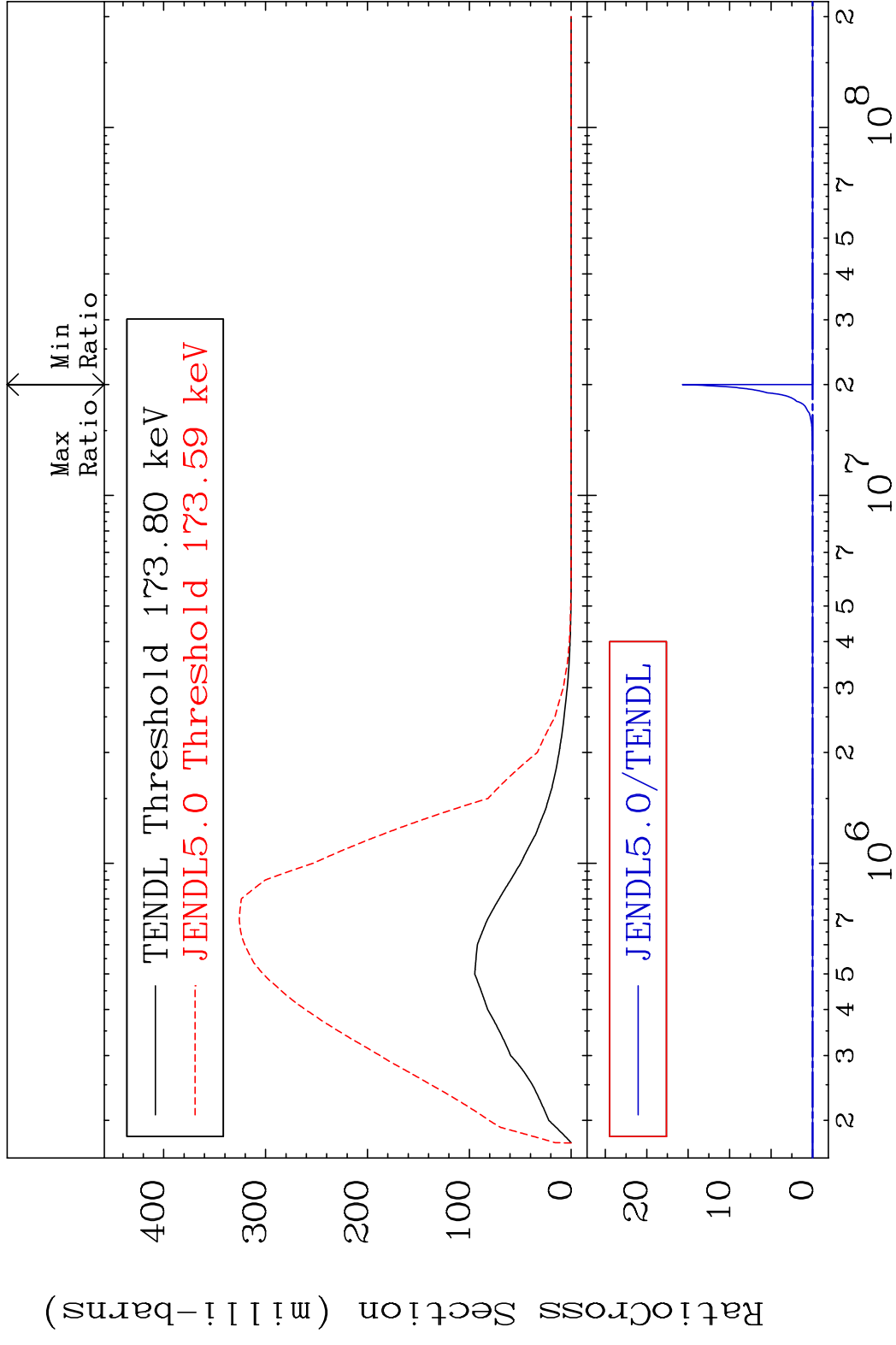
MAT 7841 MT= 58 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841 MT= 59 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

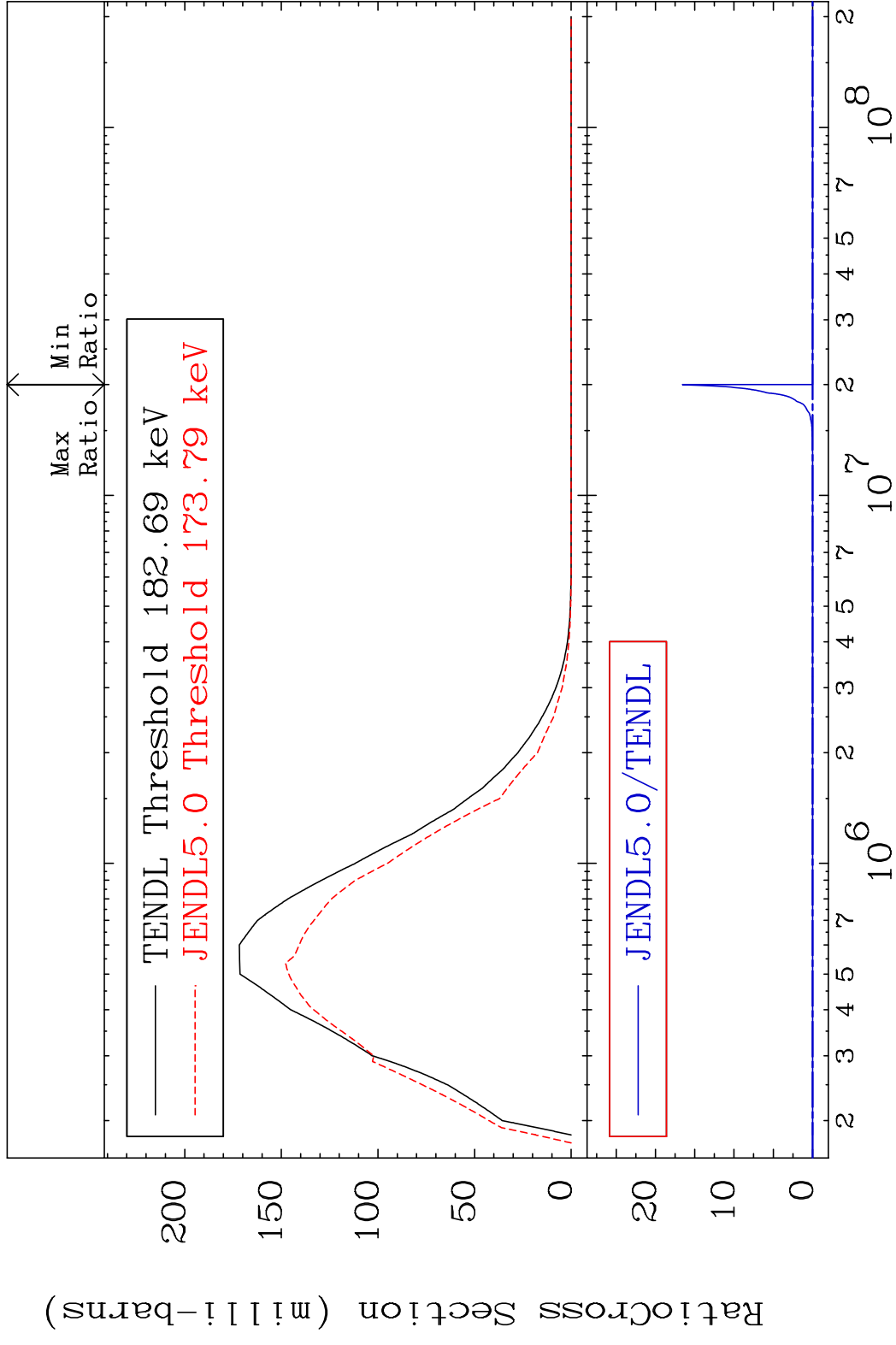


MAT 7841 MT= 60 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



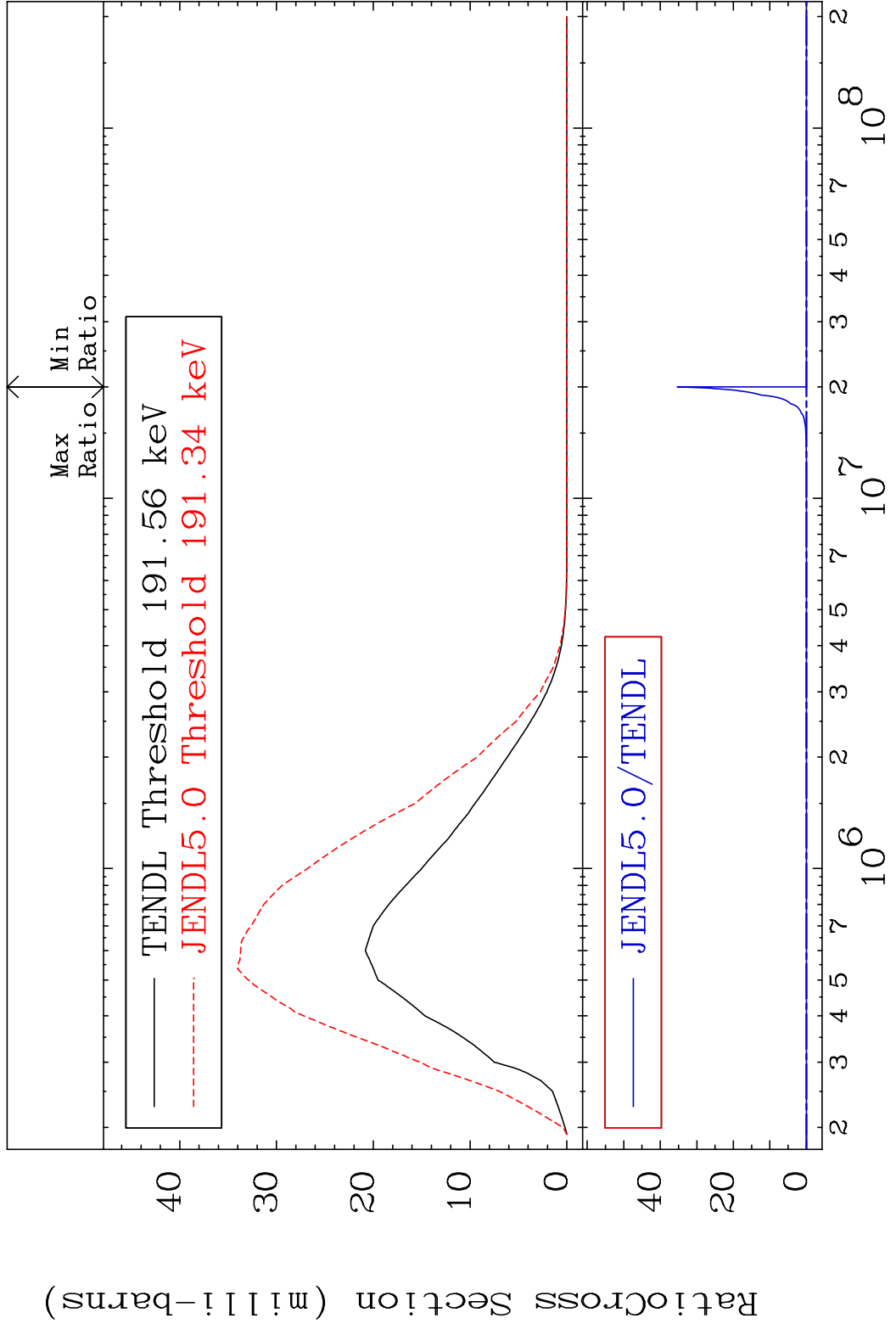
20 Incident Energy (eV) 78-Pt-195m

MAT 7841 MT= 61 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

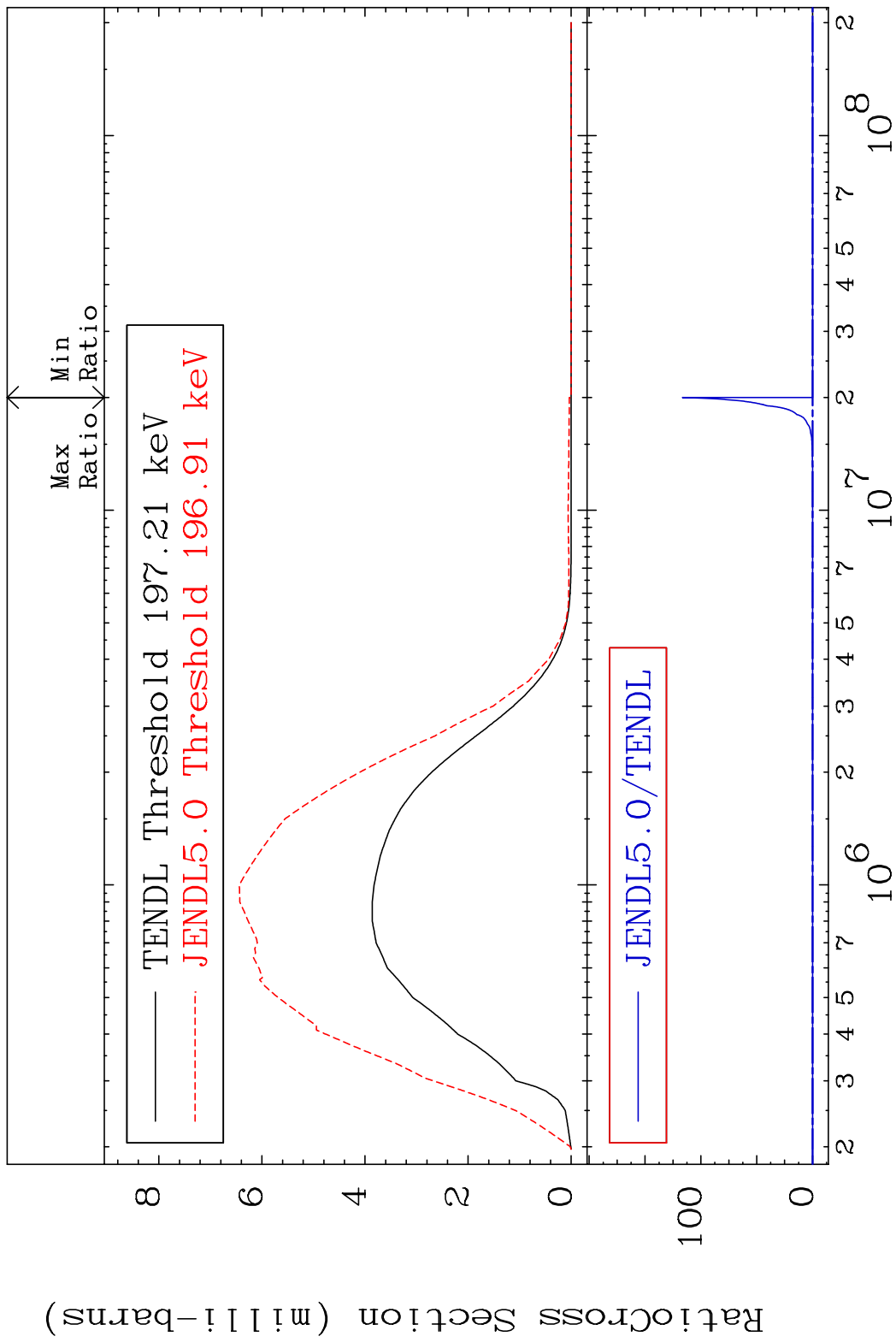


21 Incident Energy (eV) 78-Pt-195m

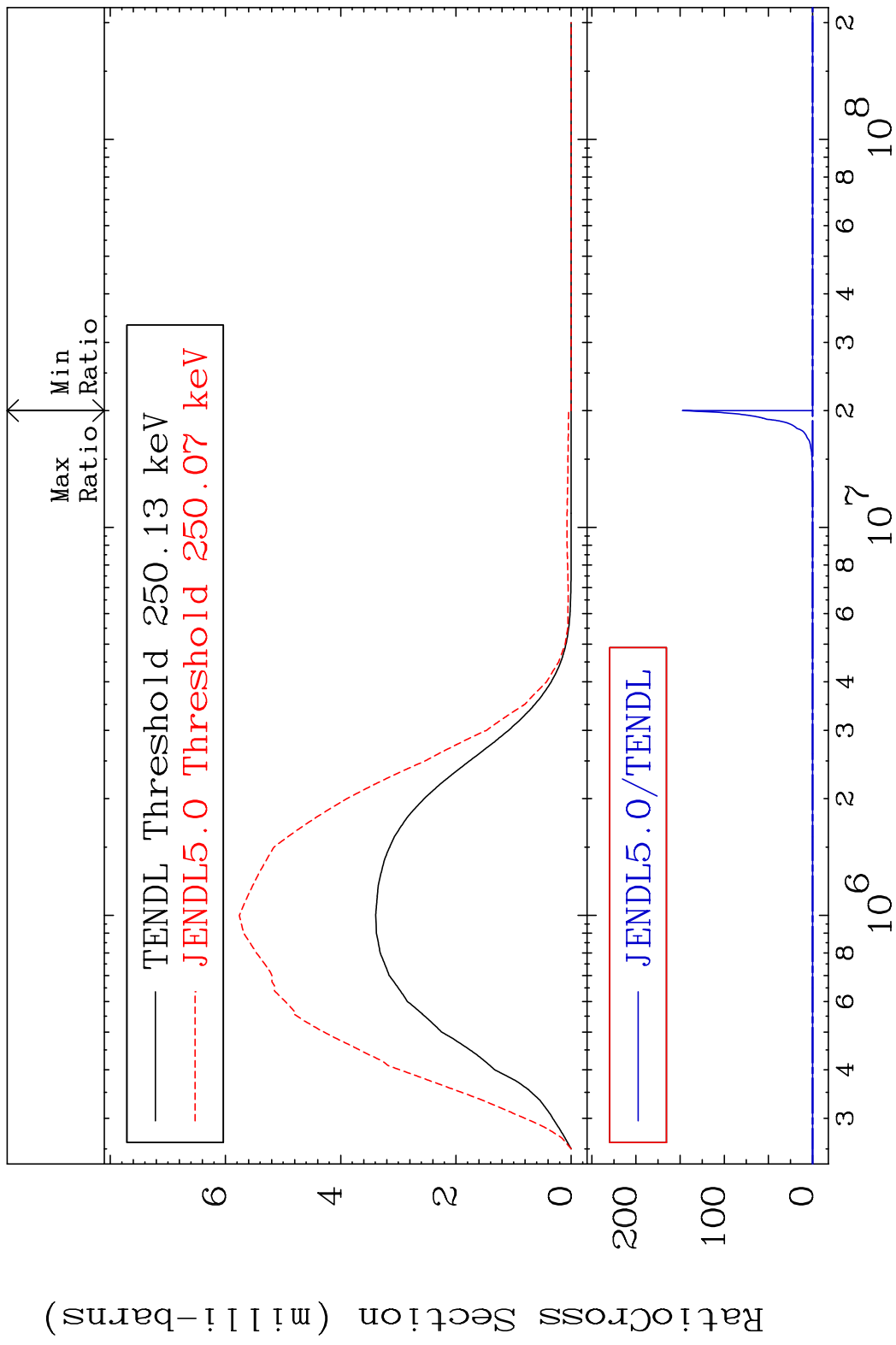
MAT 7841 MT= 62 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



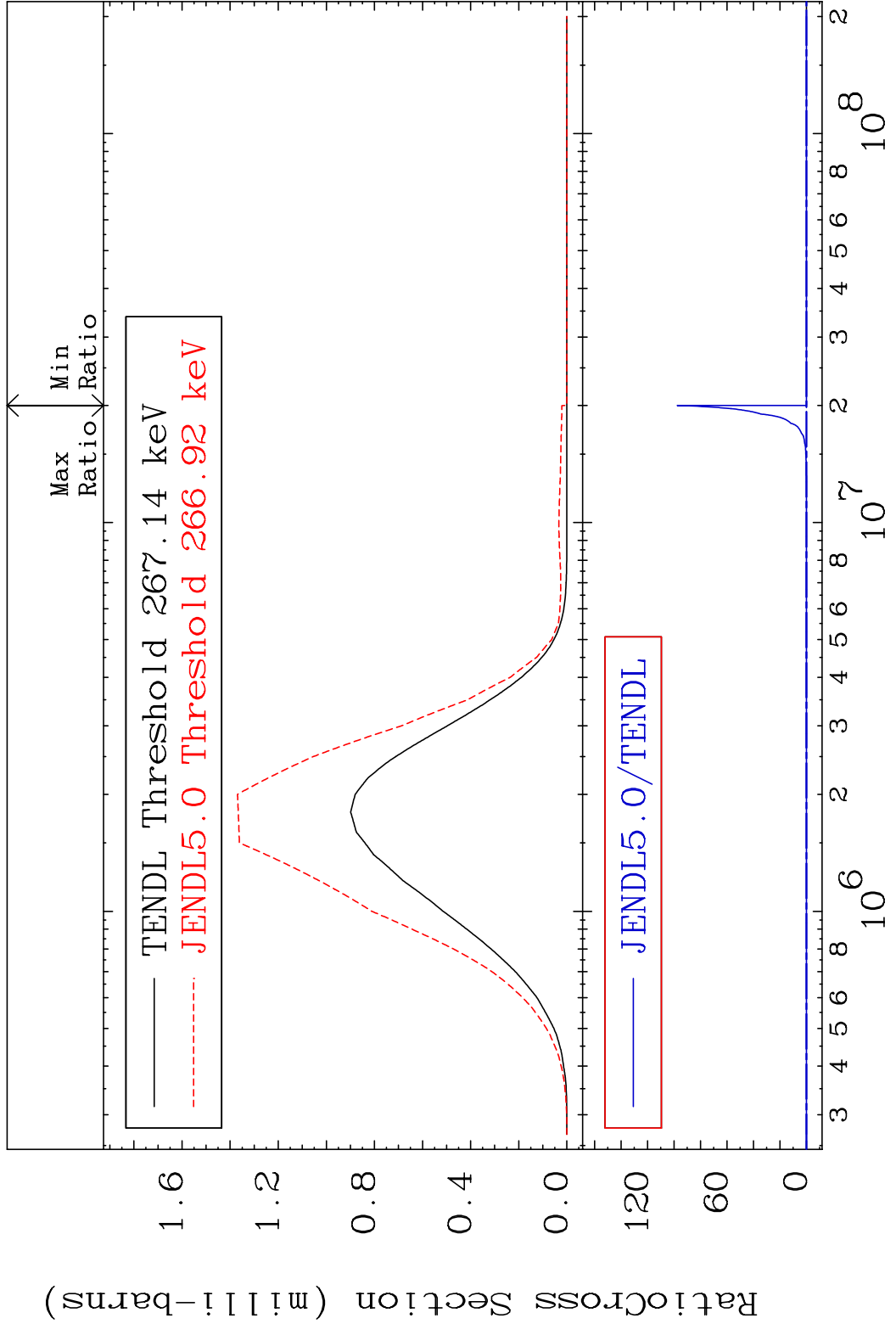
MAT 7841 MT= 63 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



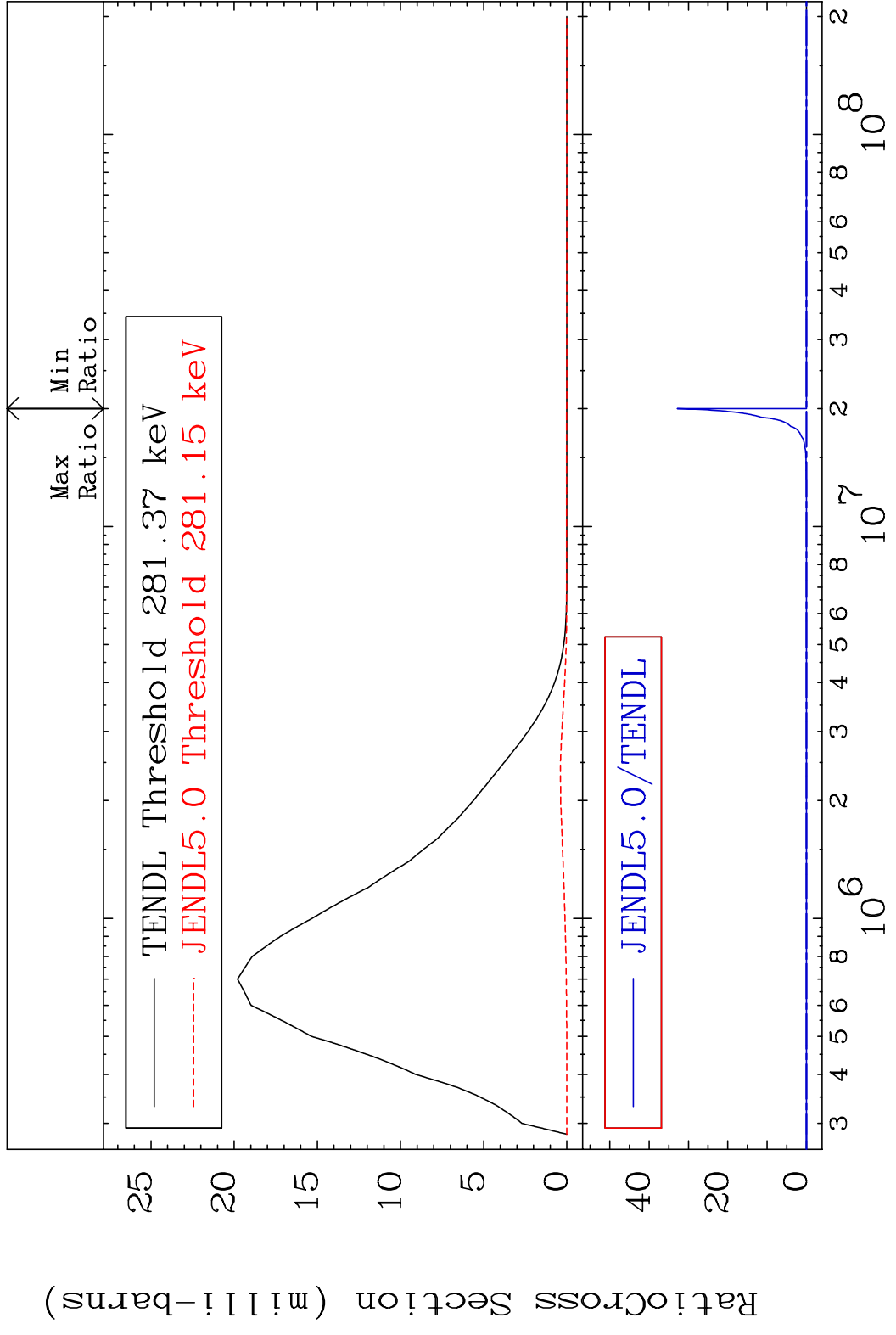
MAT 7841 MT= 64 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841 MT= 65 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

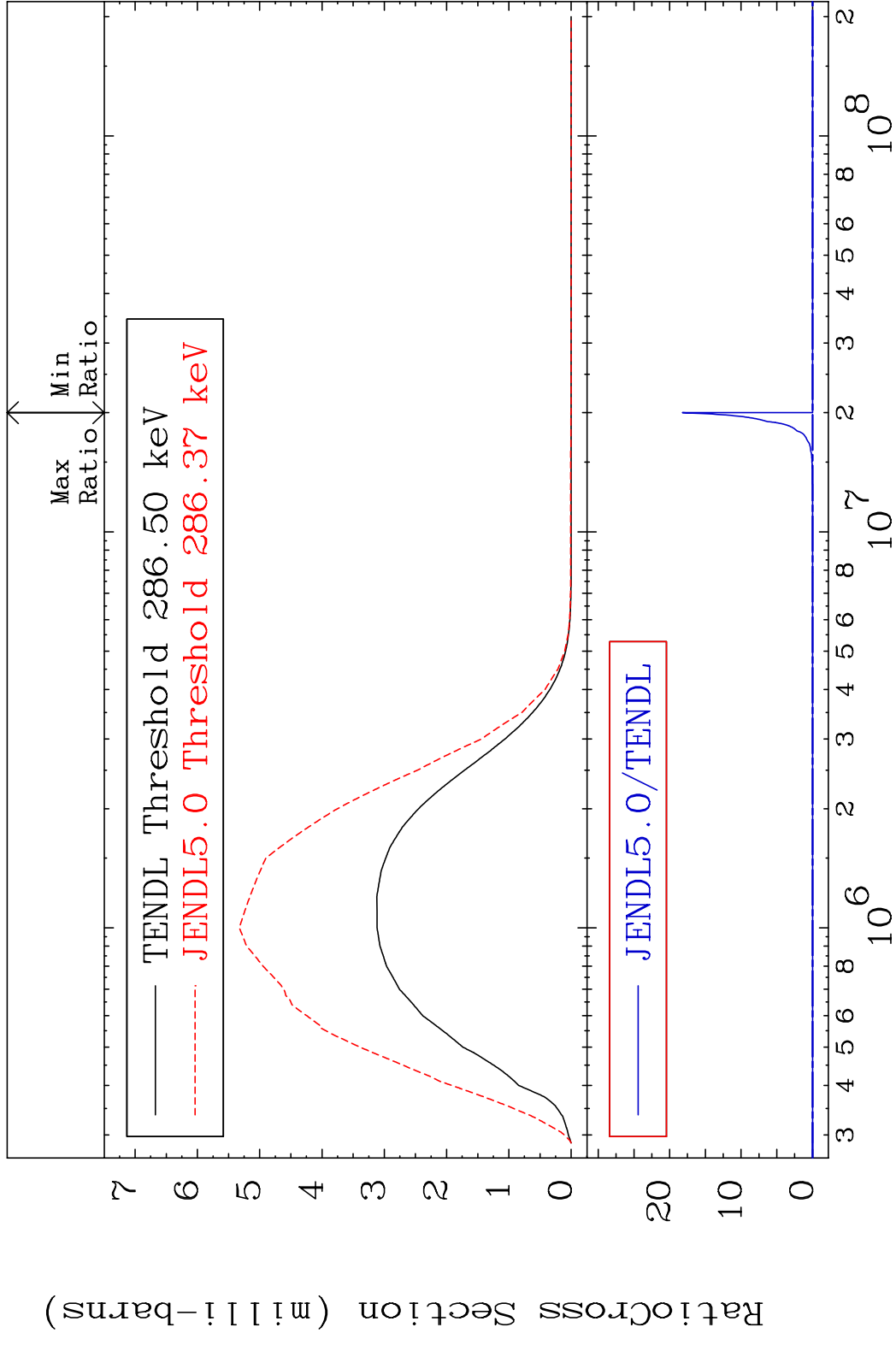


MAT 7841 MT= 66 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

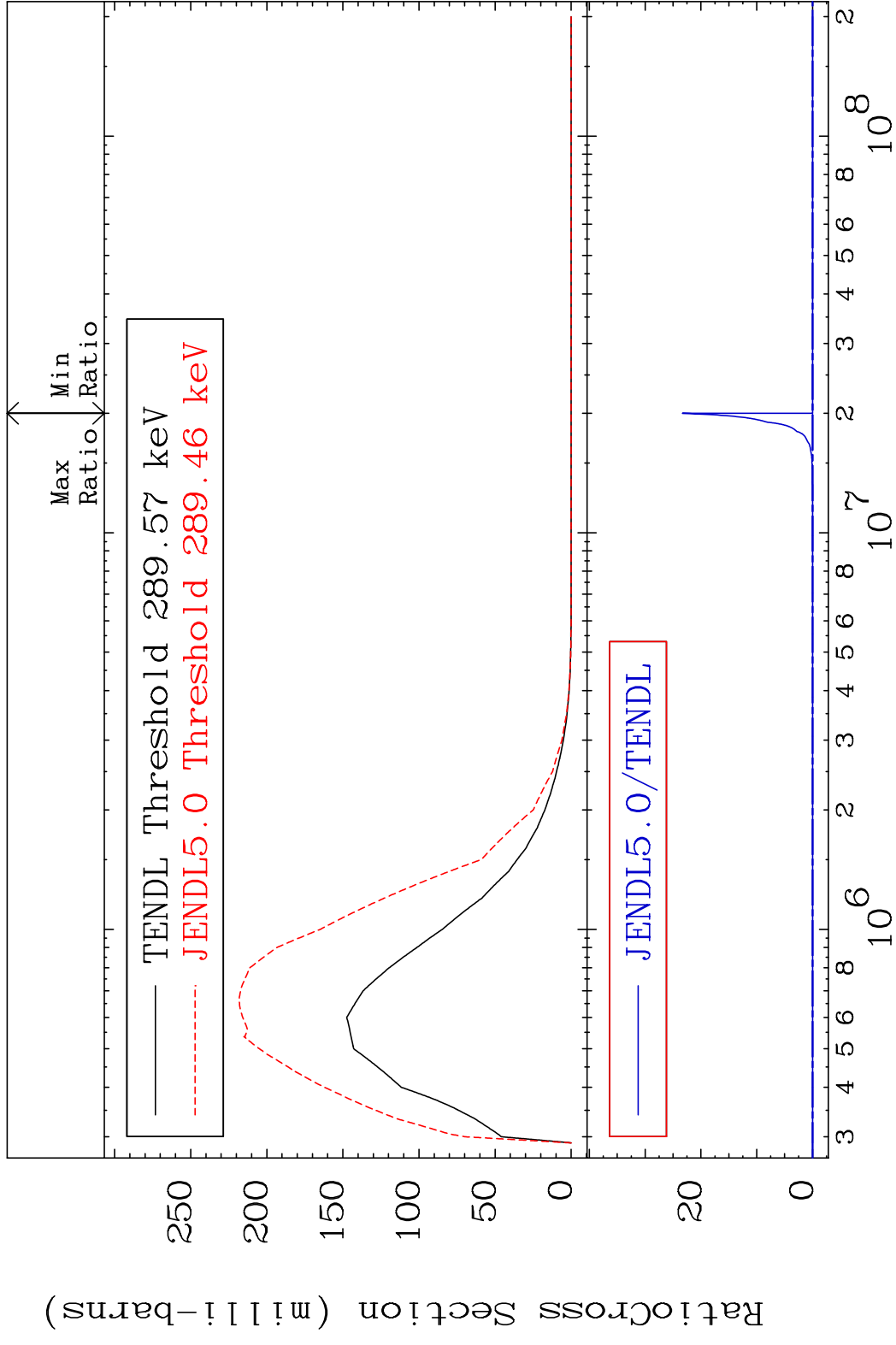


26 Incident Energy (eV) 78-Pt-195m

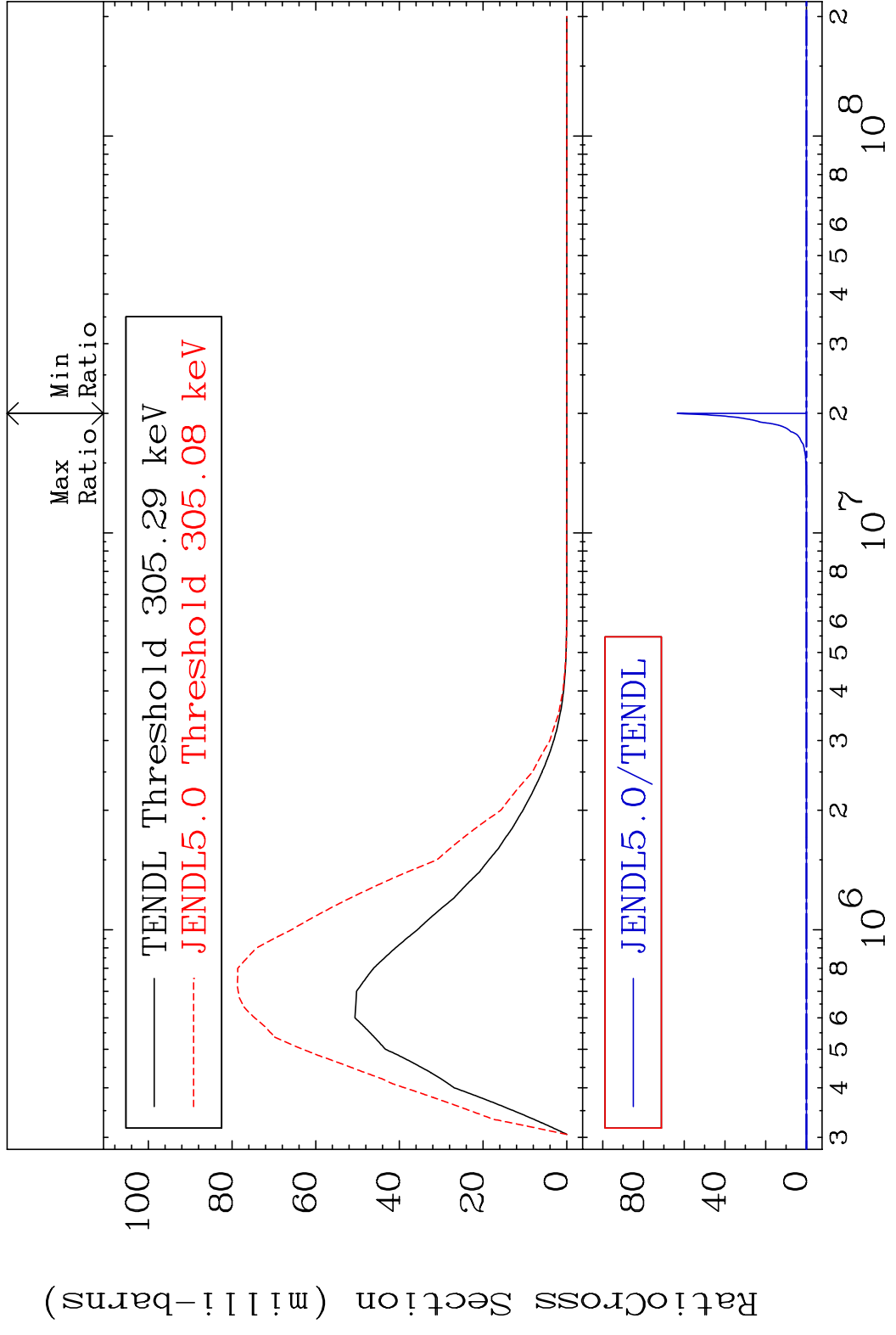
MAT 7841 MT= 67 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



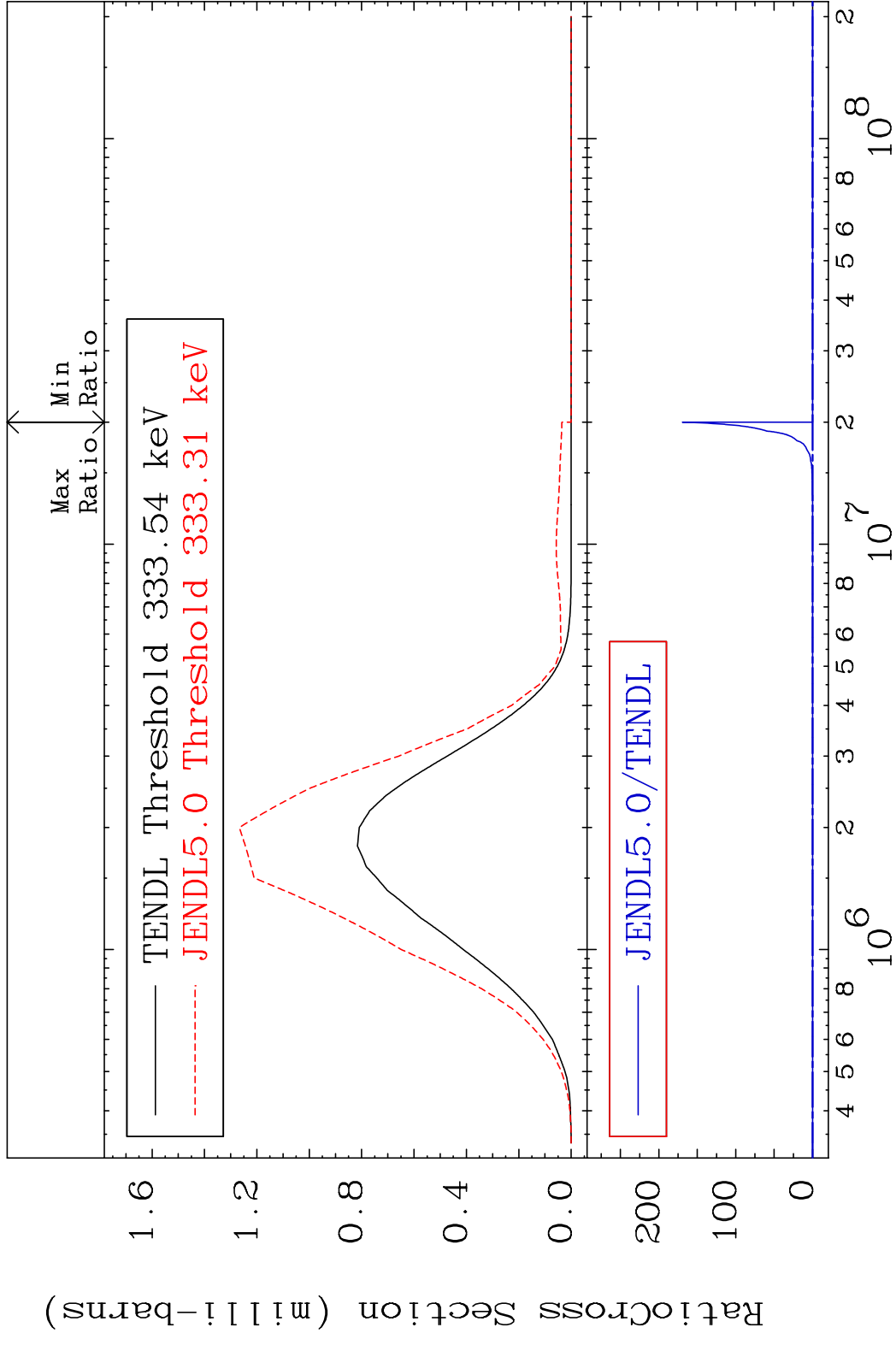
MAT 7841 MT= 68 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



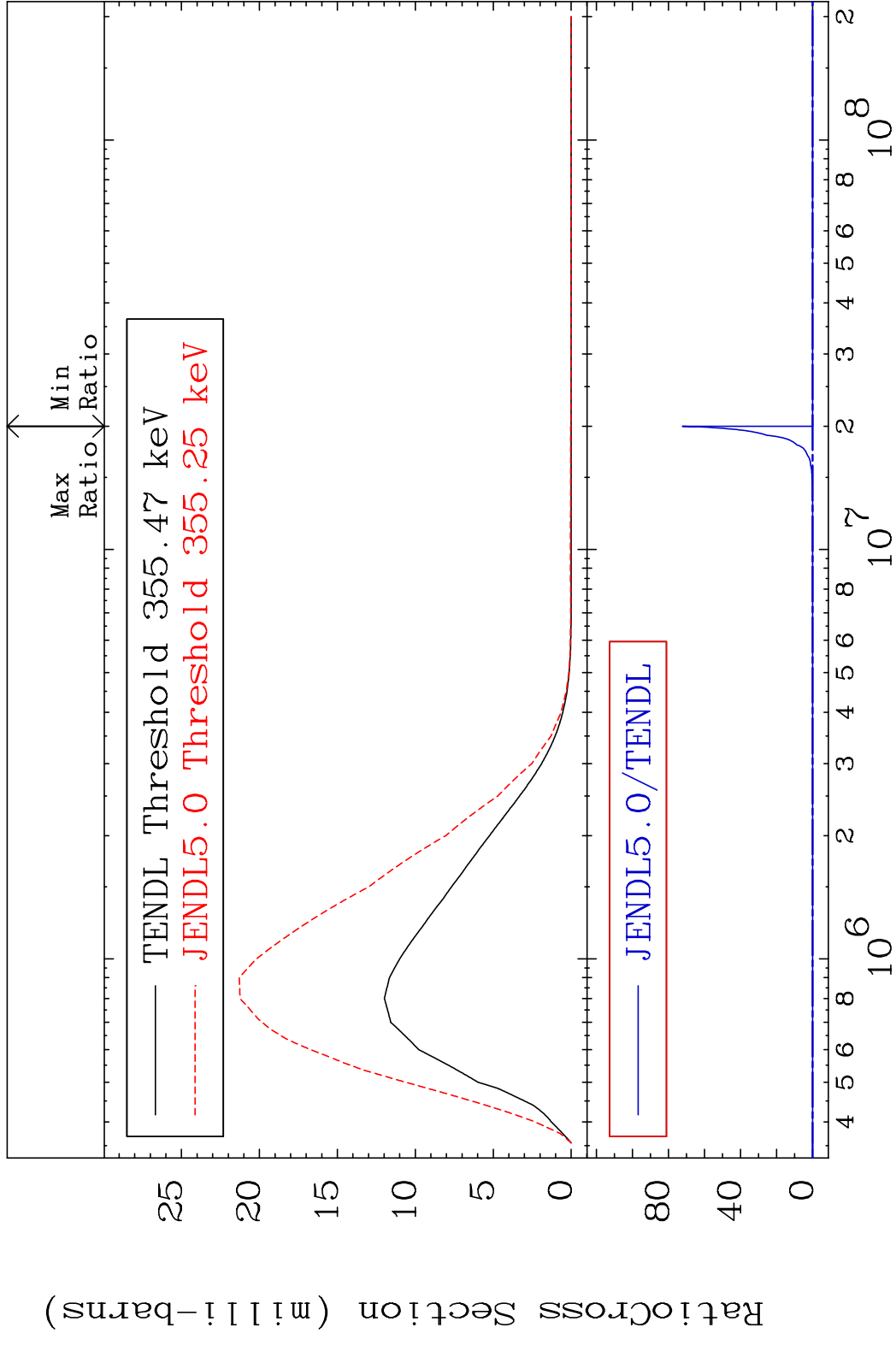
MAT 7841 MT= 69 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



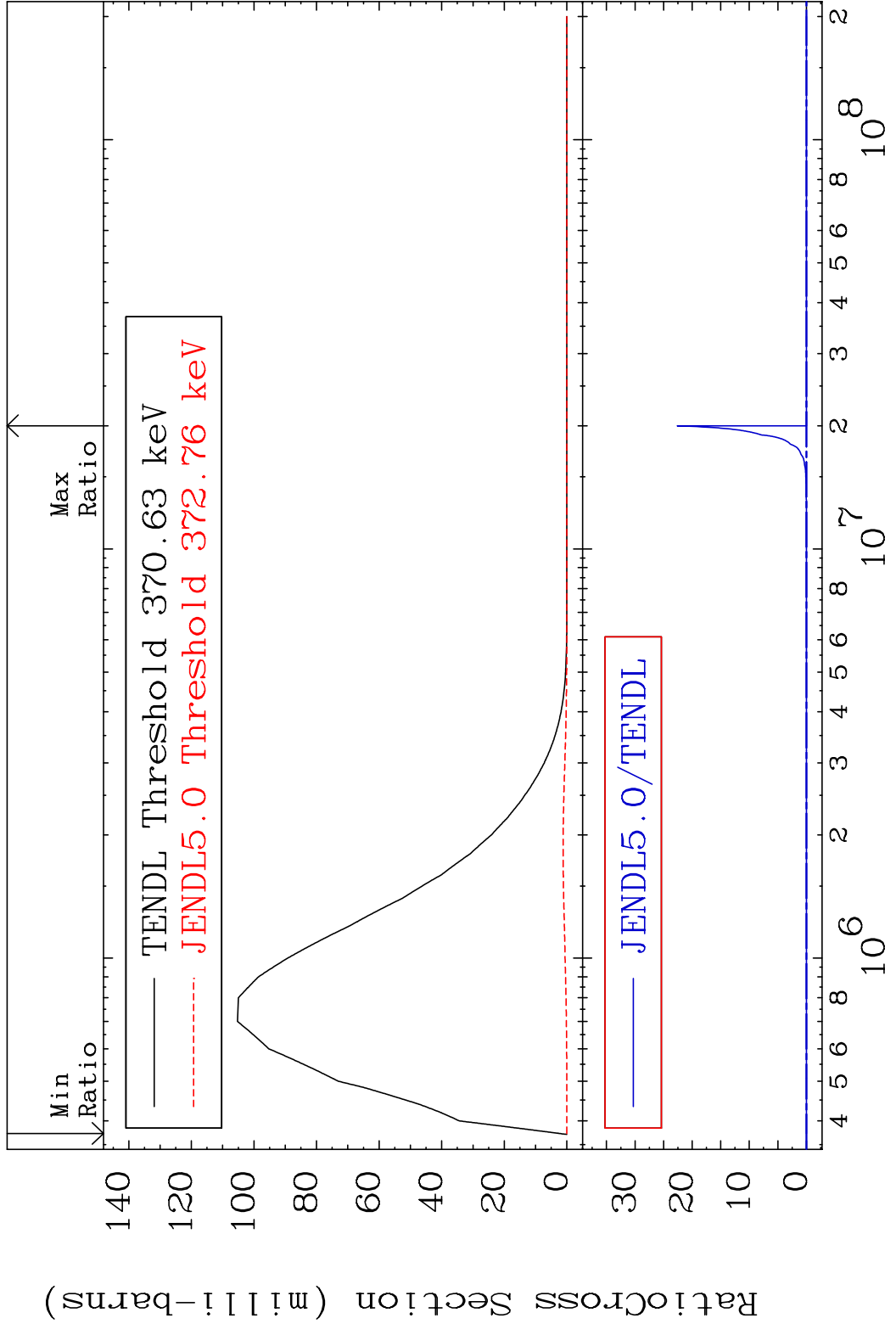
MAT 7841 MT= 70 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841 MT= 71 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

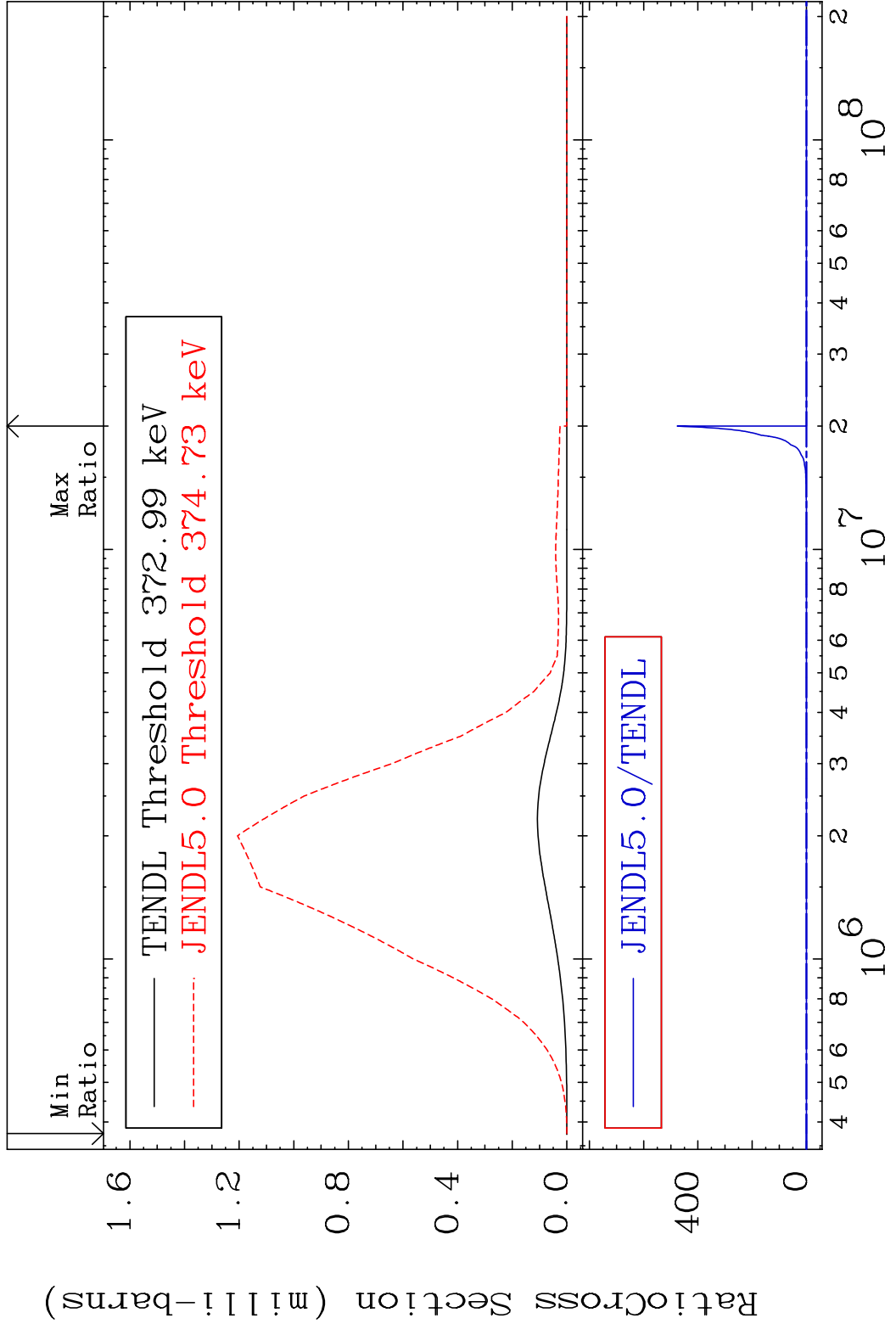


MAT 7841 MT= 72 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

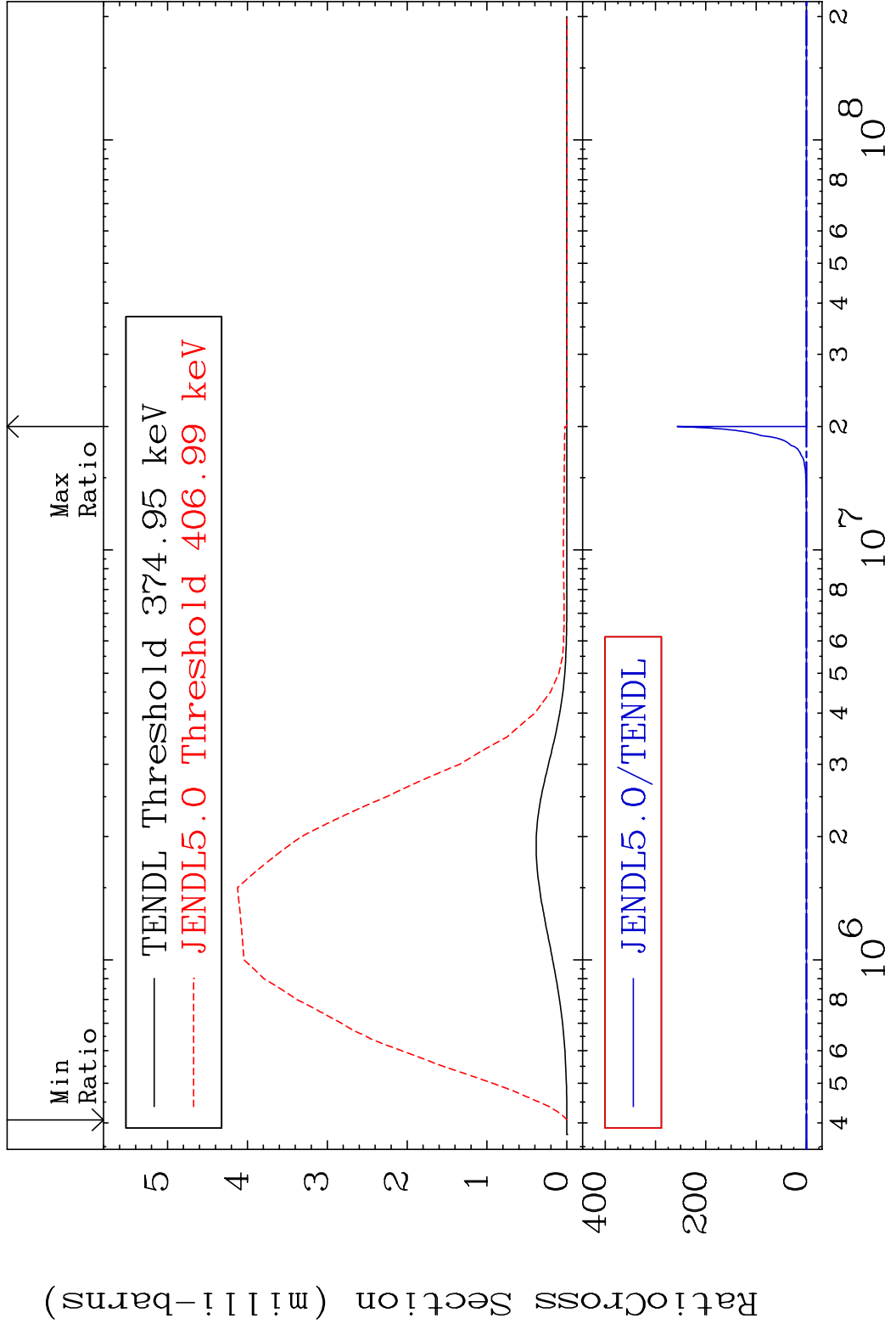


32 Incident Energy (eV) 78-Pt-195m

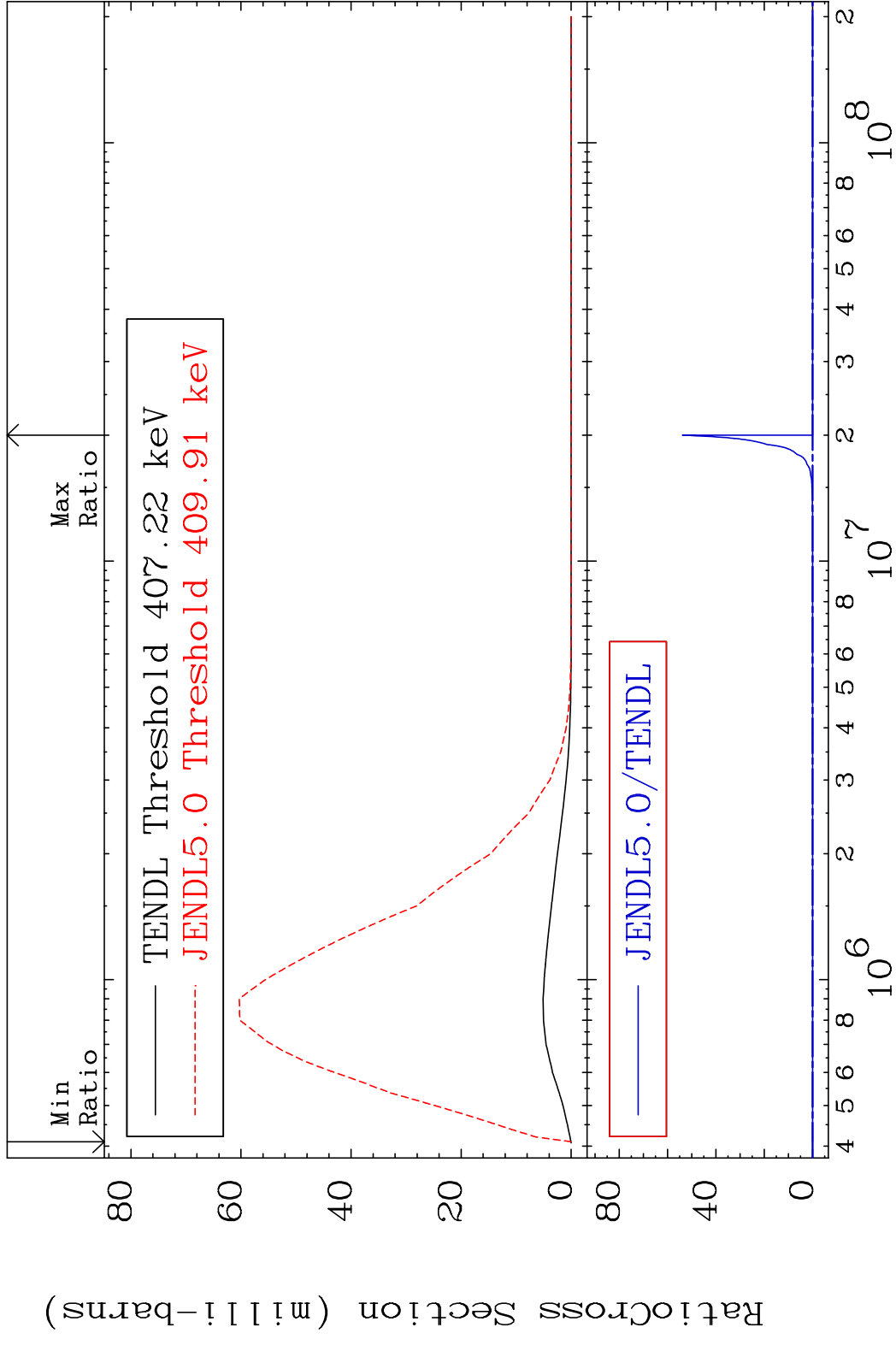
MAT 7841 MT= 73 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841 MT= 74 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

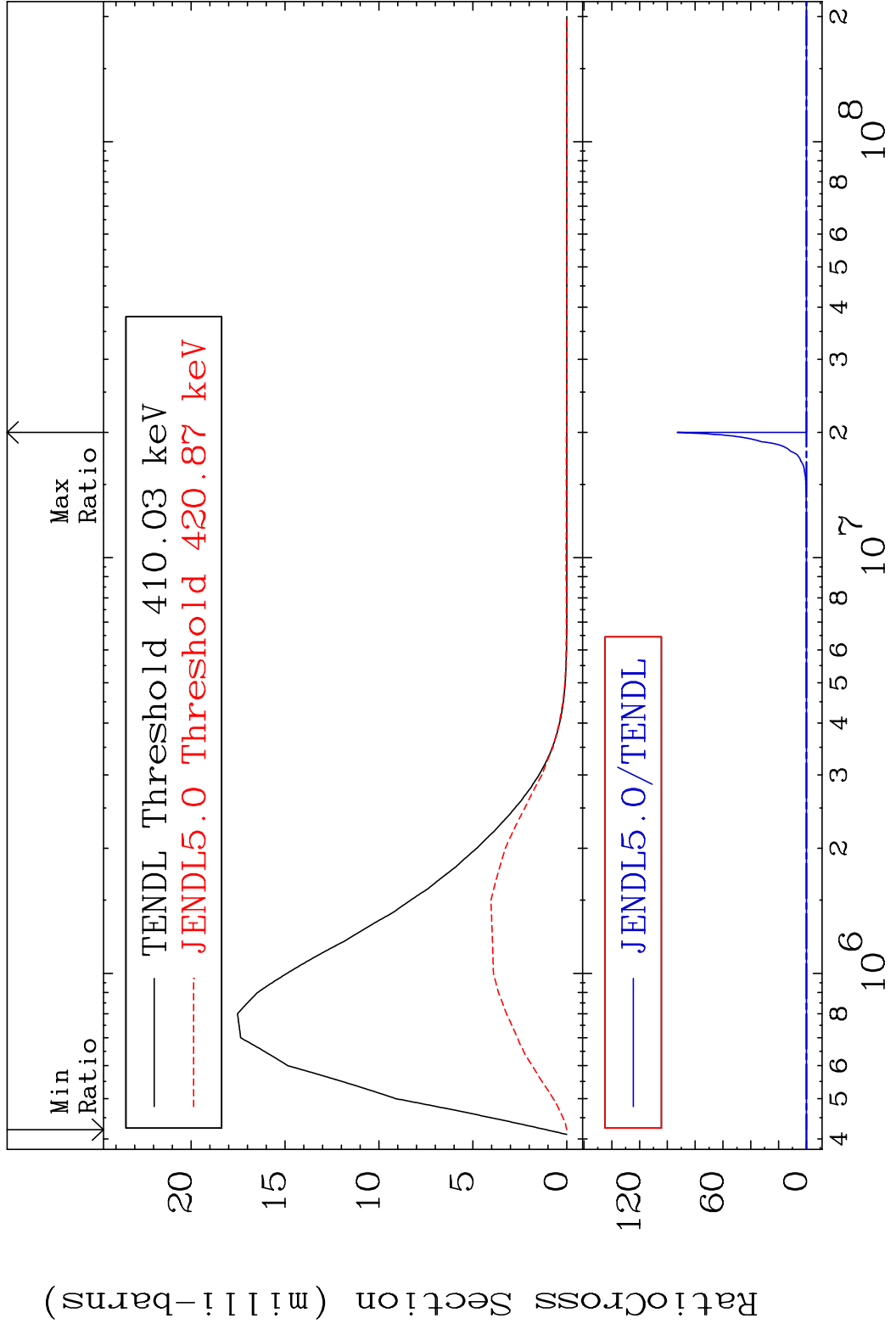


MAT 7841 MT= 75 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %

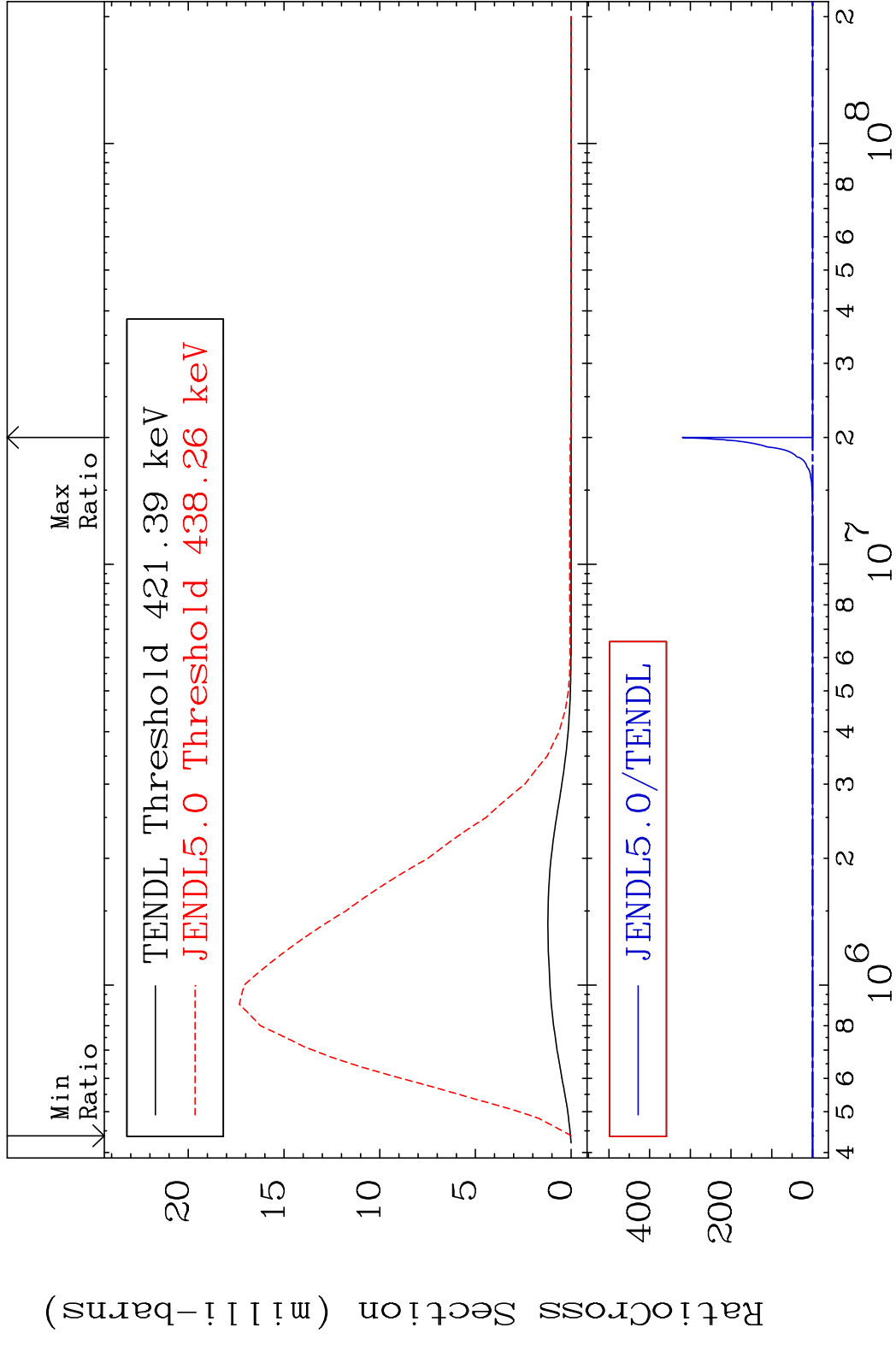


35 Incident Energy (eV) 78-Pt-195m

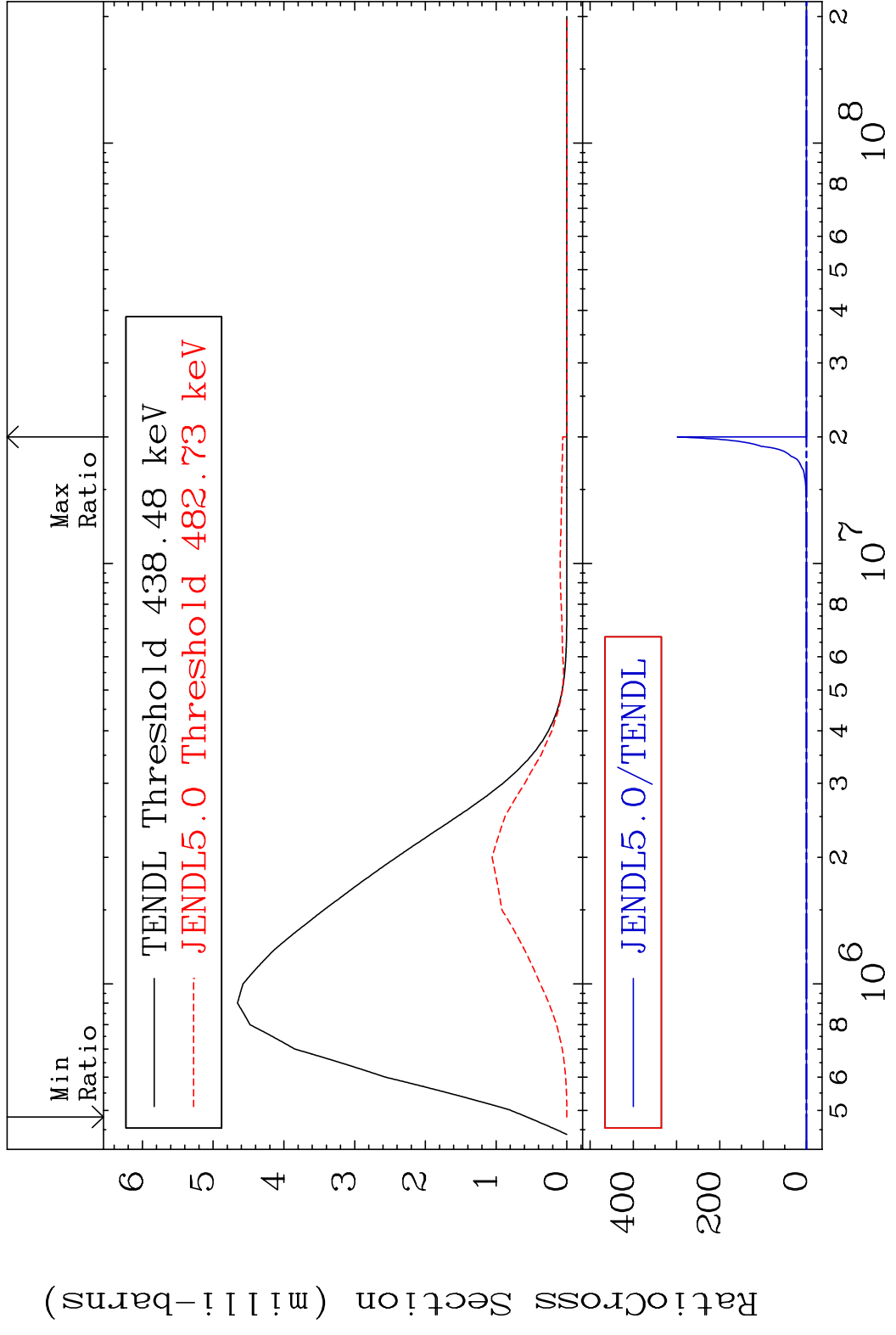
MAT 7841 MT= 76 (n,n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



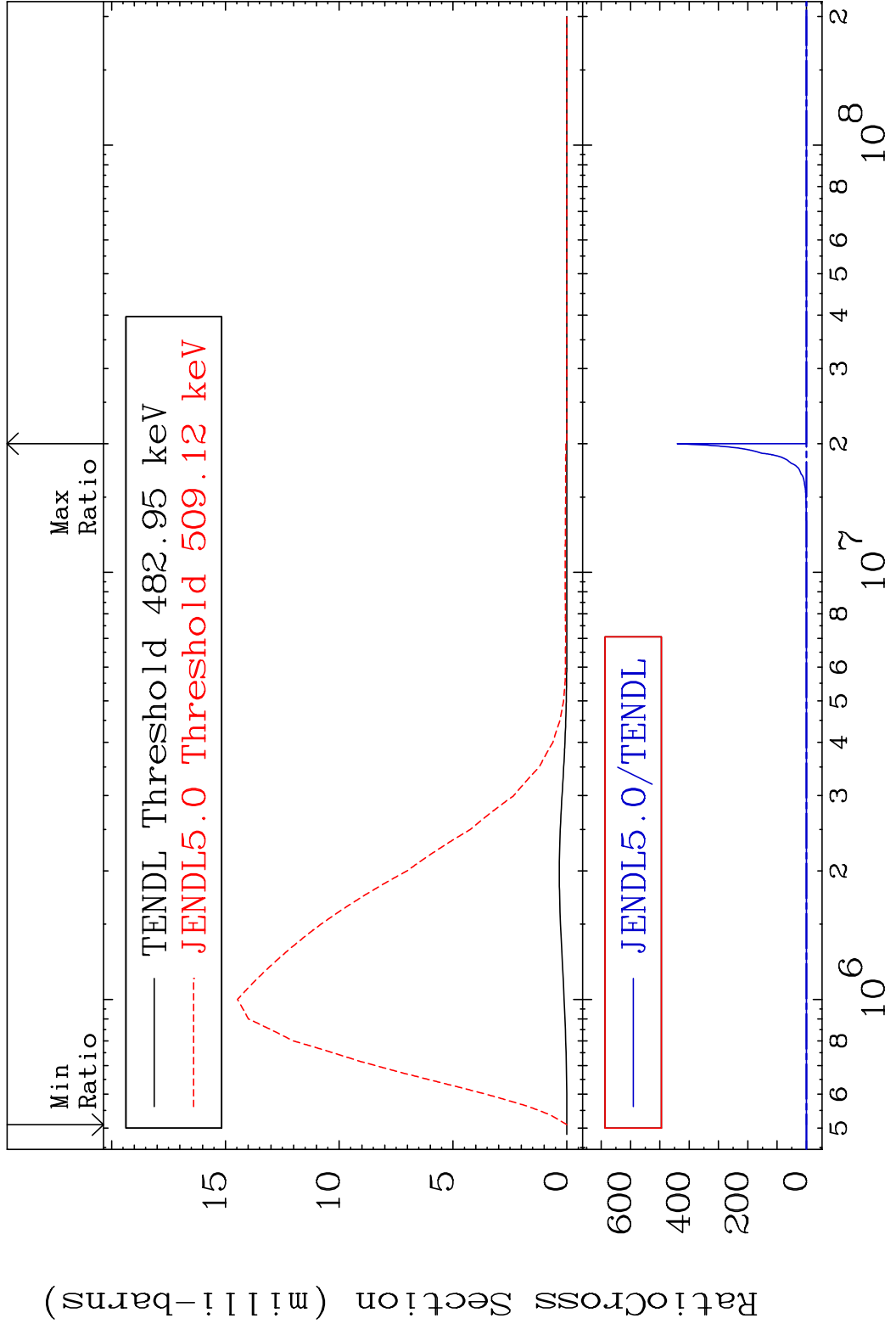
MAT 7841 MT= 77 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



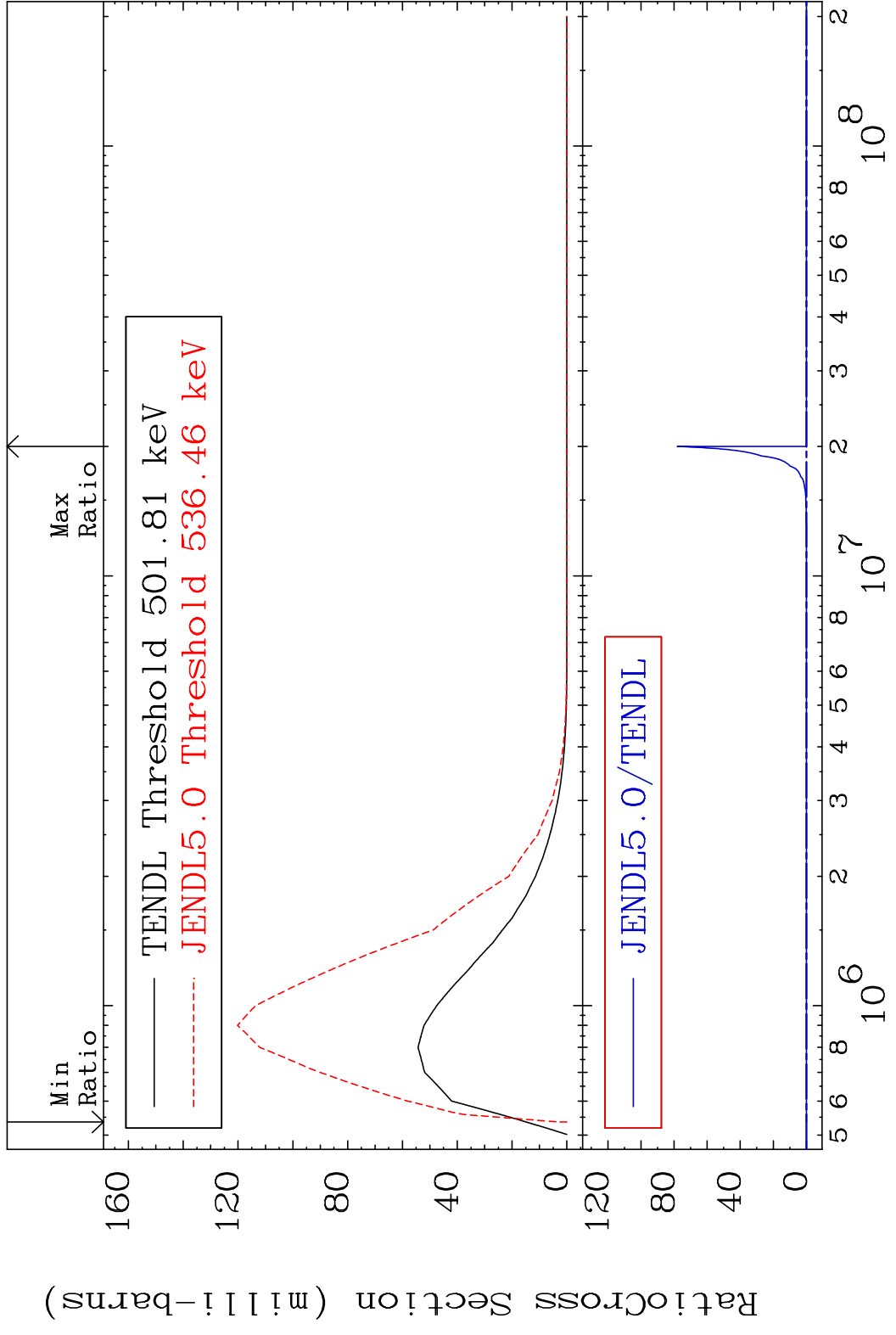
MAT 7841 MT= 78 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841 MT= 79 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841 MT= 80 (n, n') Level 78-Pt-195m
 Cross Section -100.0 To 9999. %



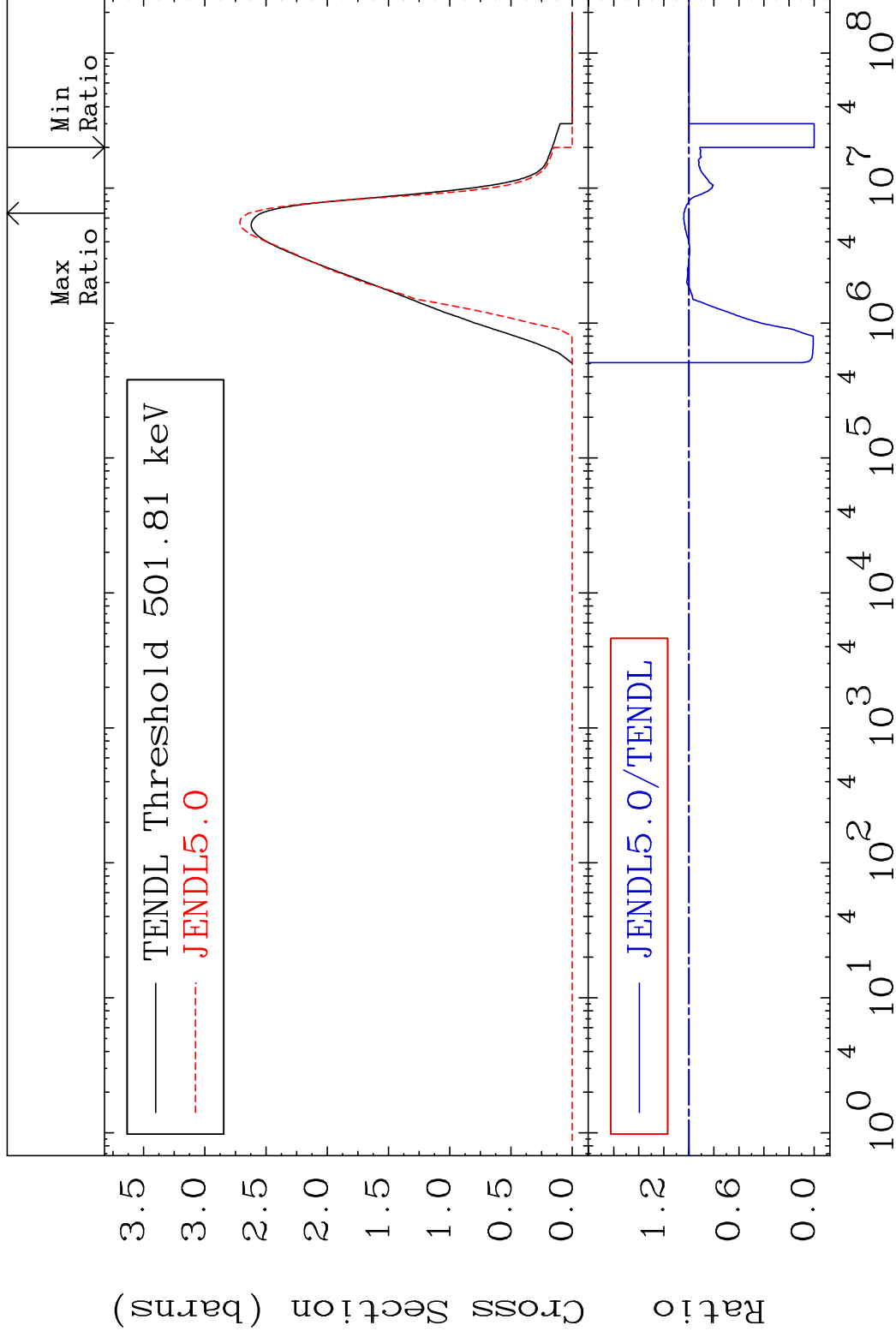
40 Incident Energy (eV) 78-Pt-195m

MAT 7841

(n,n') Continuum

78-Pt-195m

Cross Section -100.0 To 4.143 %



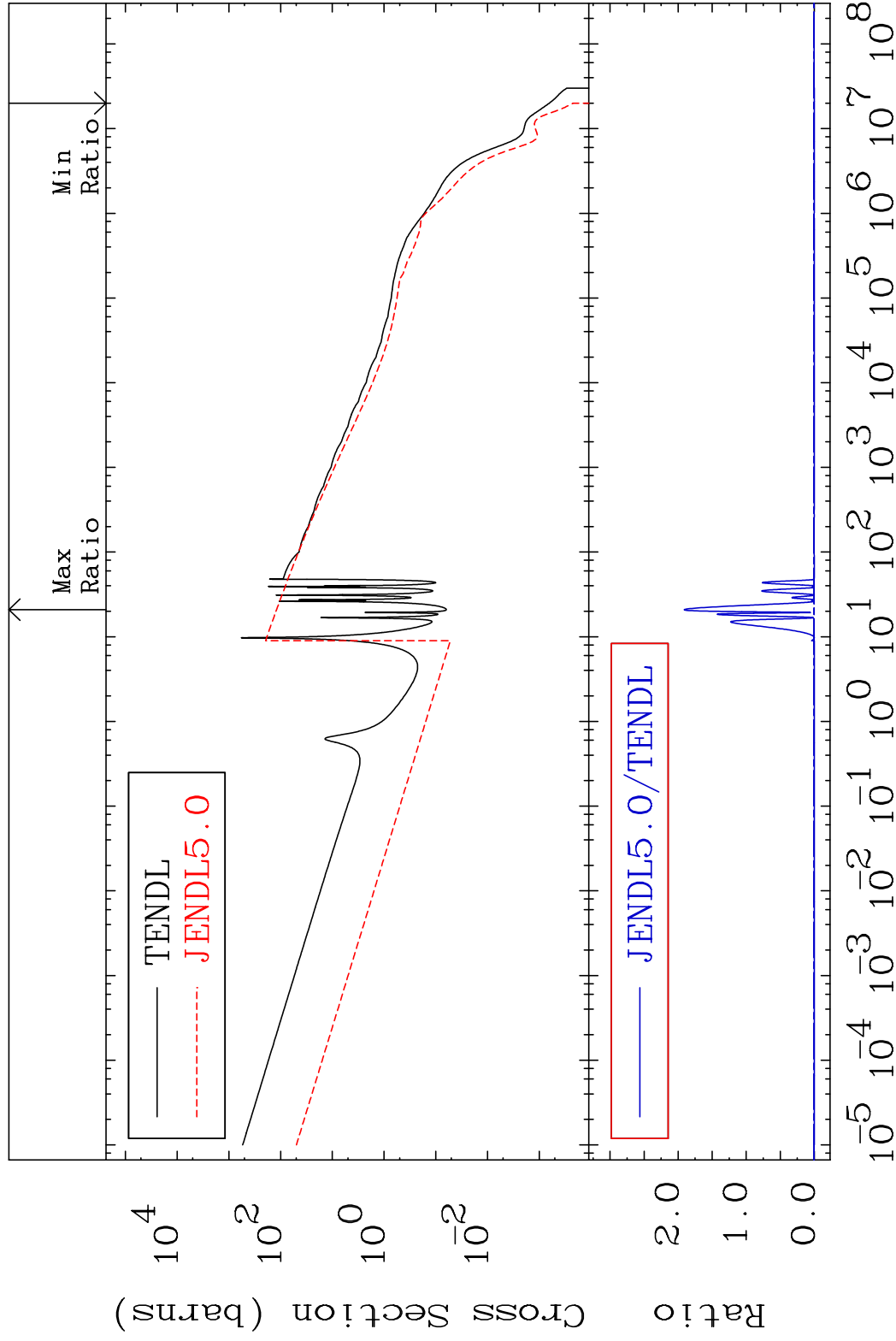
41

Incident Energy (eV)

78-Pt-195m

MAT 7841

(n, γ)
Cross Section -100.0 To 9999. %
78-Pt-195m



42

Incident Energy (eV)

78-Pt-195m

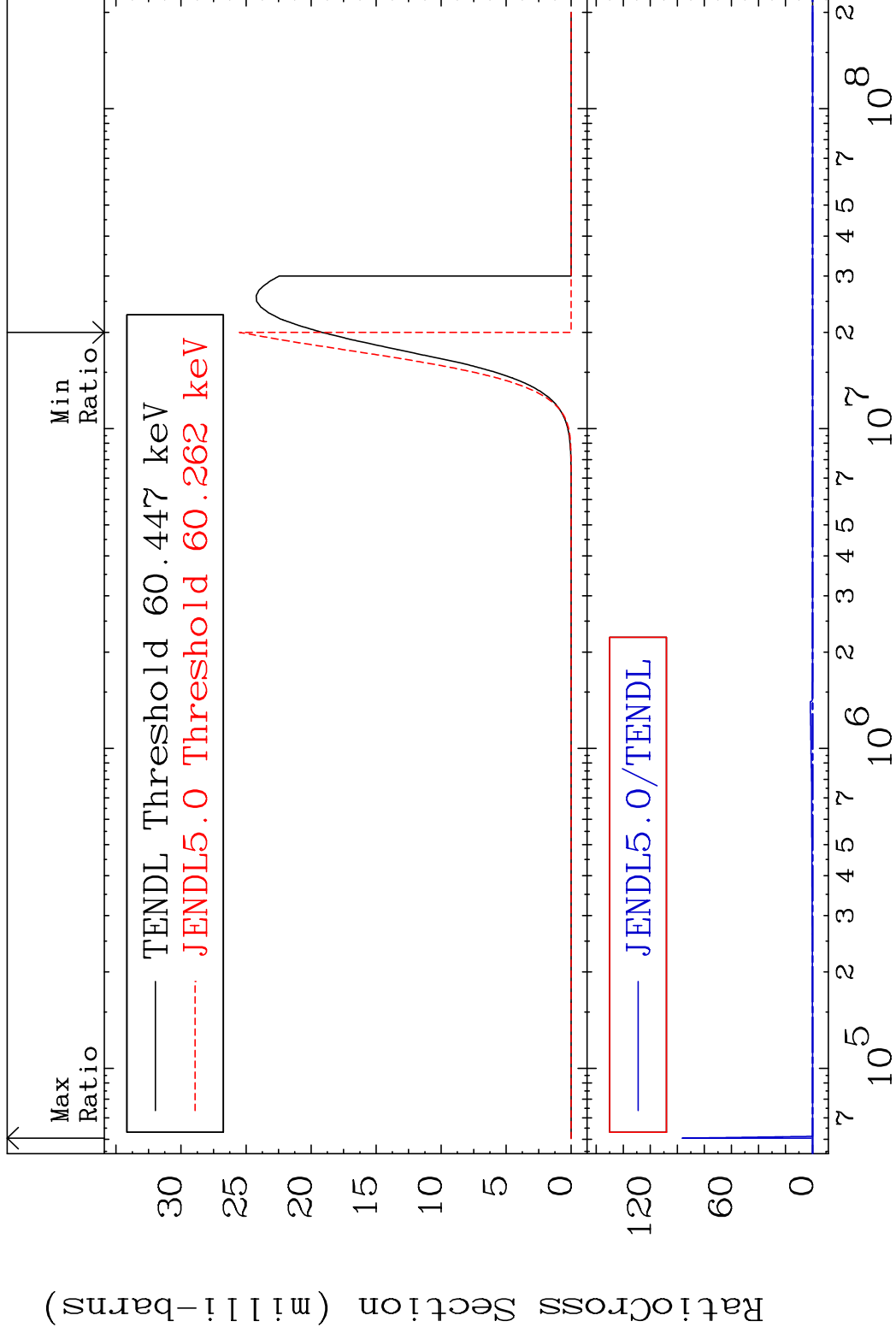
MAT 7841

(n,p)

78-Pt-195m

Cross Section

-100.0 To 9999. %



43

Incident Energy (eV)

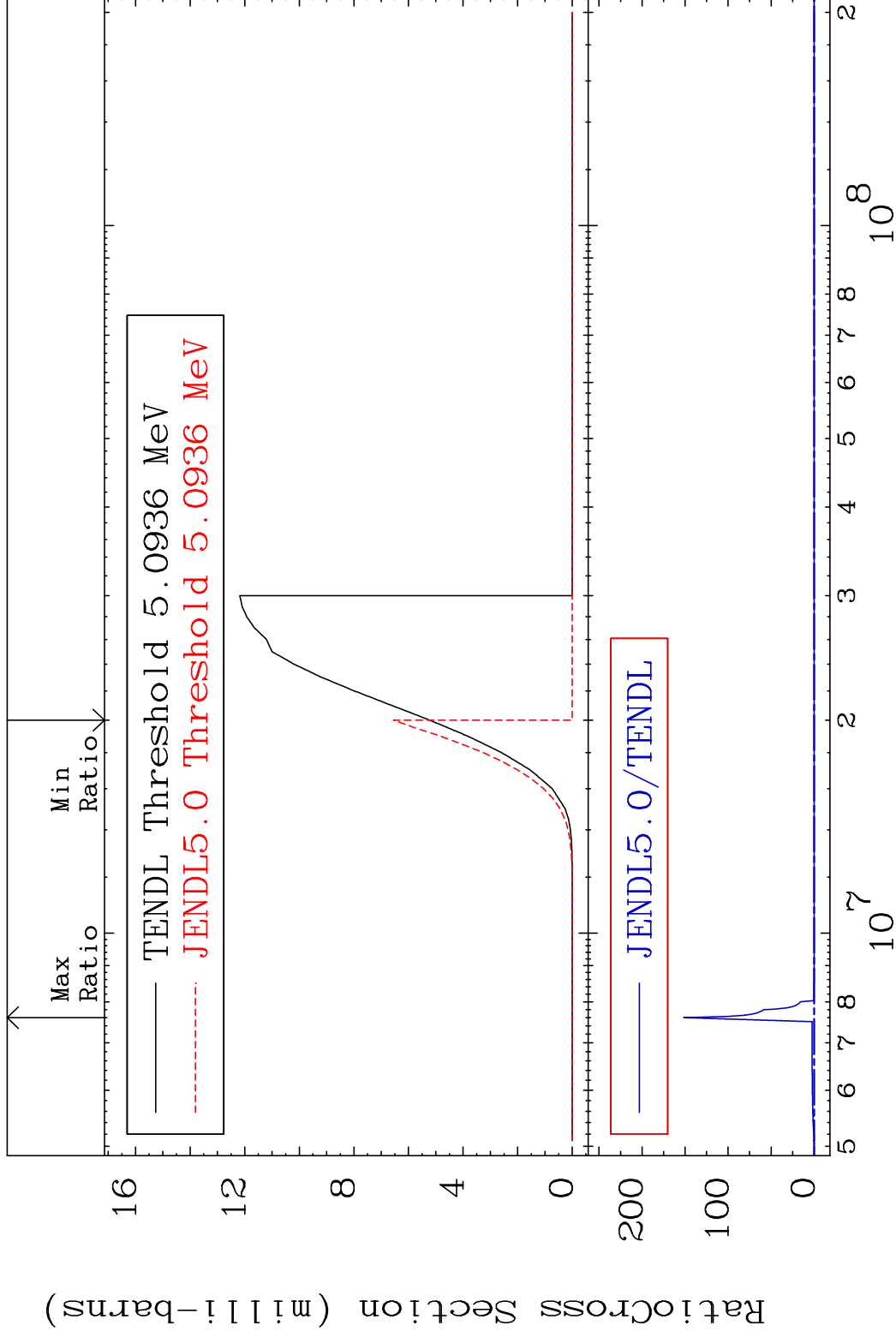
78-Pt-195m

MAT 7841

(n, d)

78-Pt-195m

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

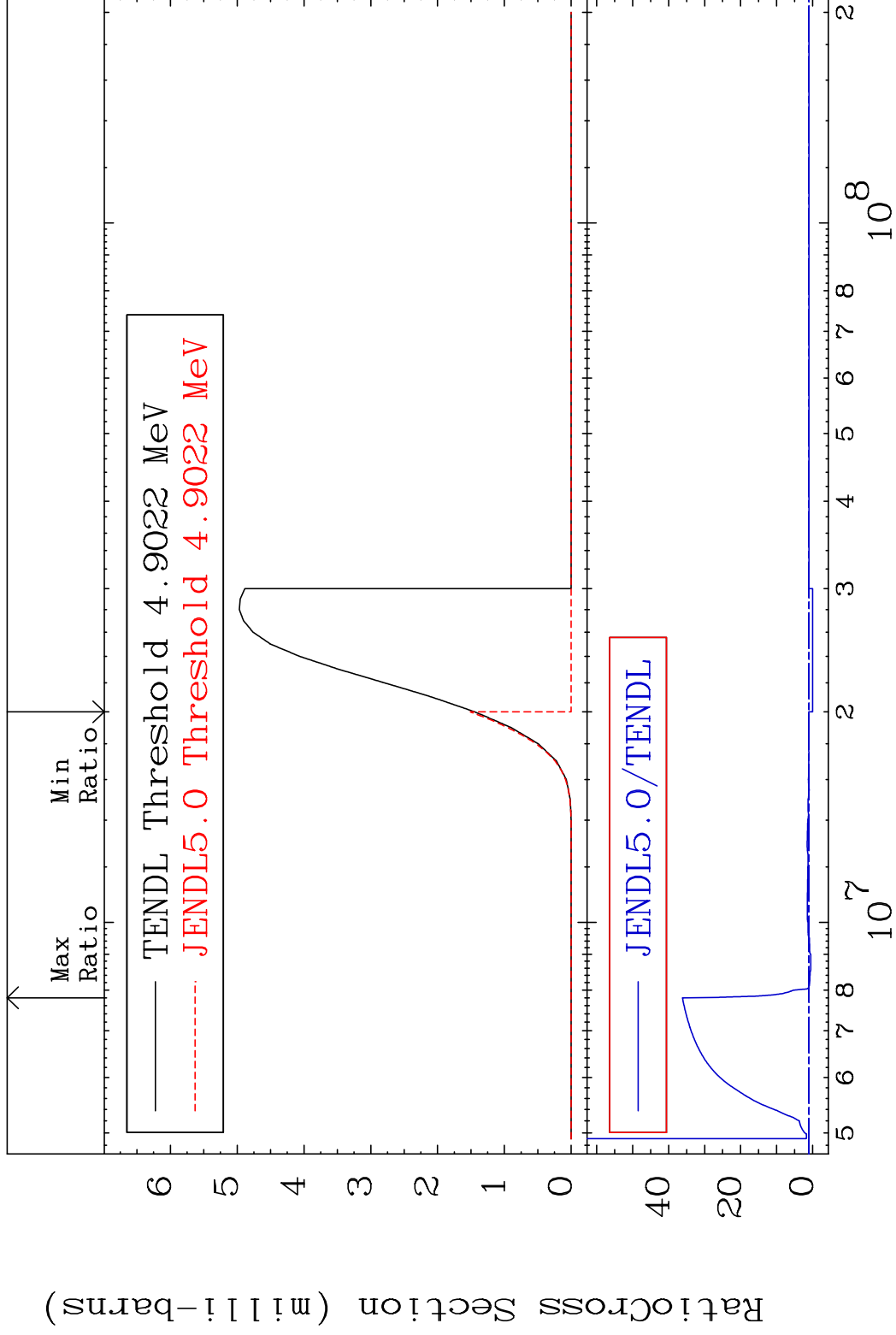
78-Pt-195m

MAT 7841

(n, t)

78-Pt-195m

Cross Section -100.0 To 3519. %



45

Incident Energy (eV)

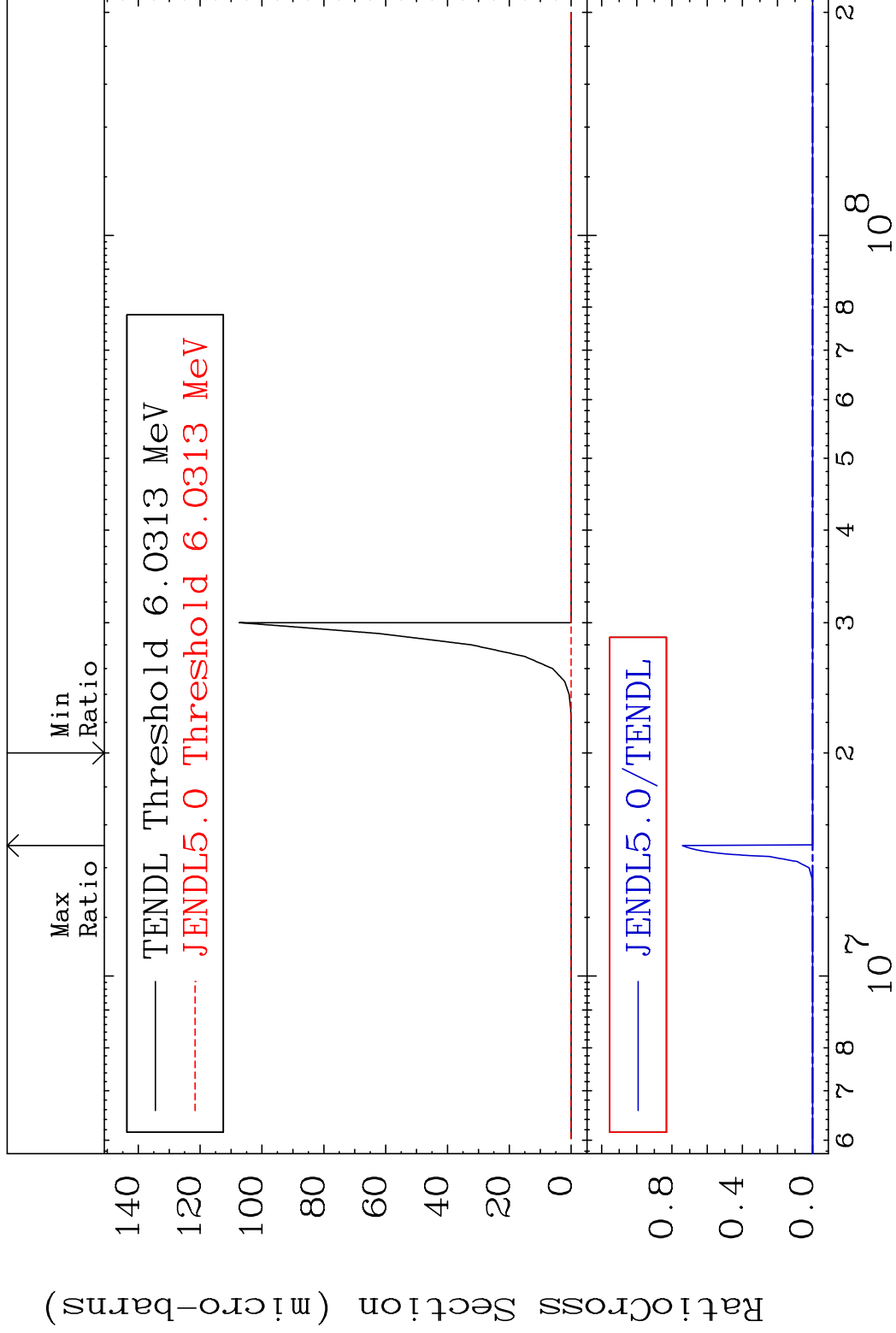
78-Pt-195m

MAT 7841

(n, He-3)

78-Pt-195m

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

78-Pt-195m

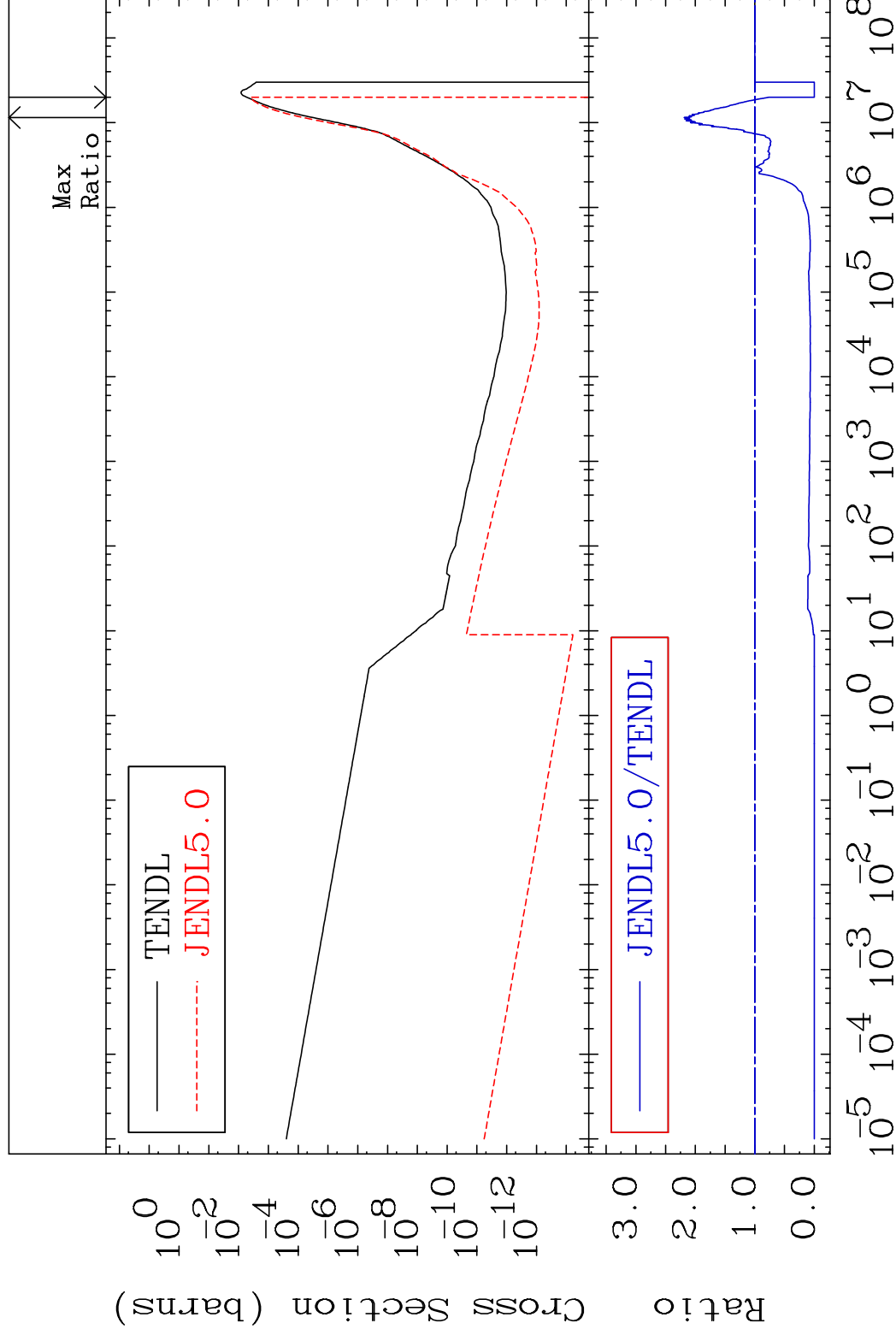
MAT 7841

(n, α)

78-Pt-195m

Cross Section

-100.0 To 119.0 %

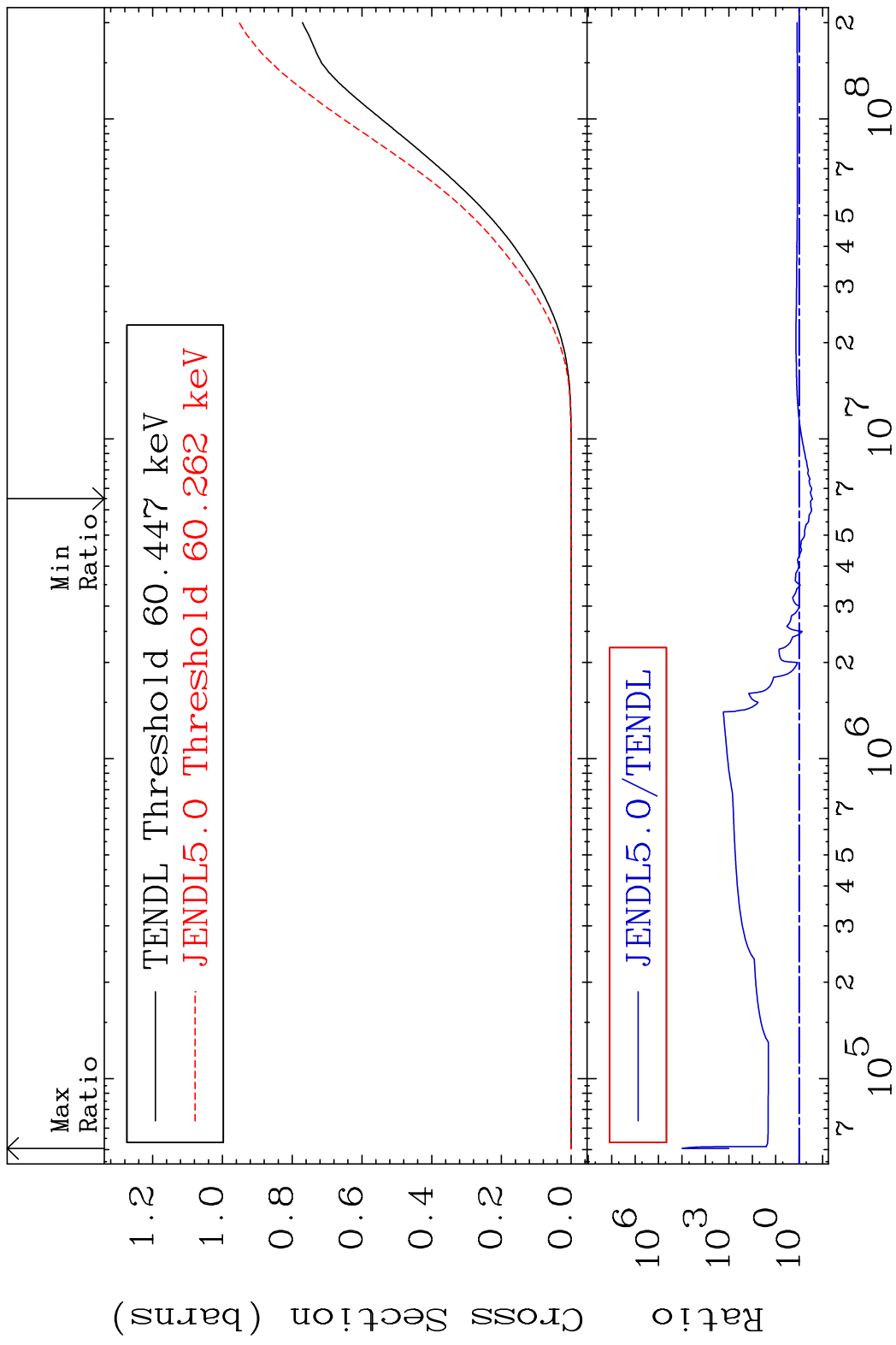


47

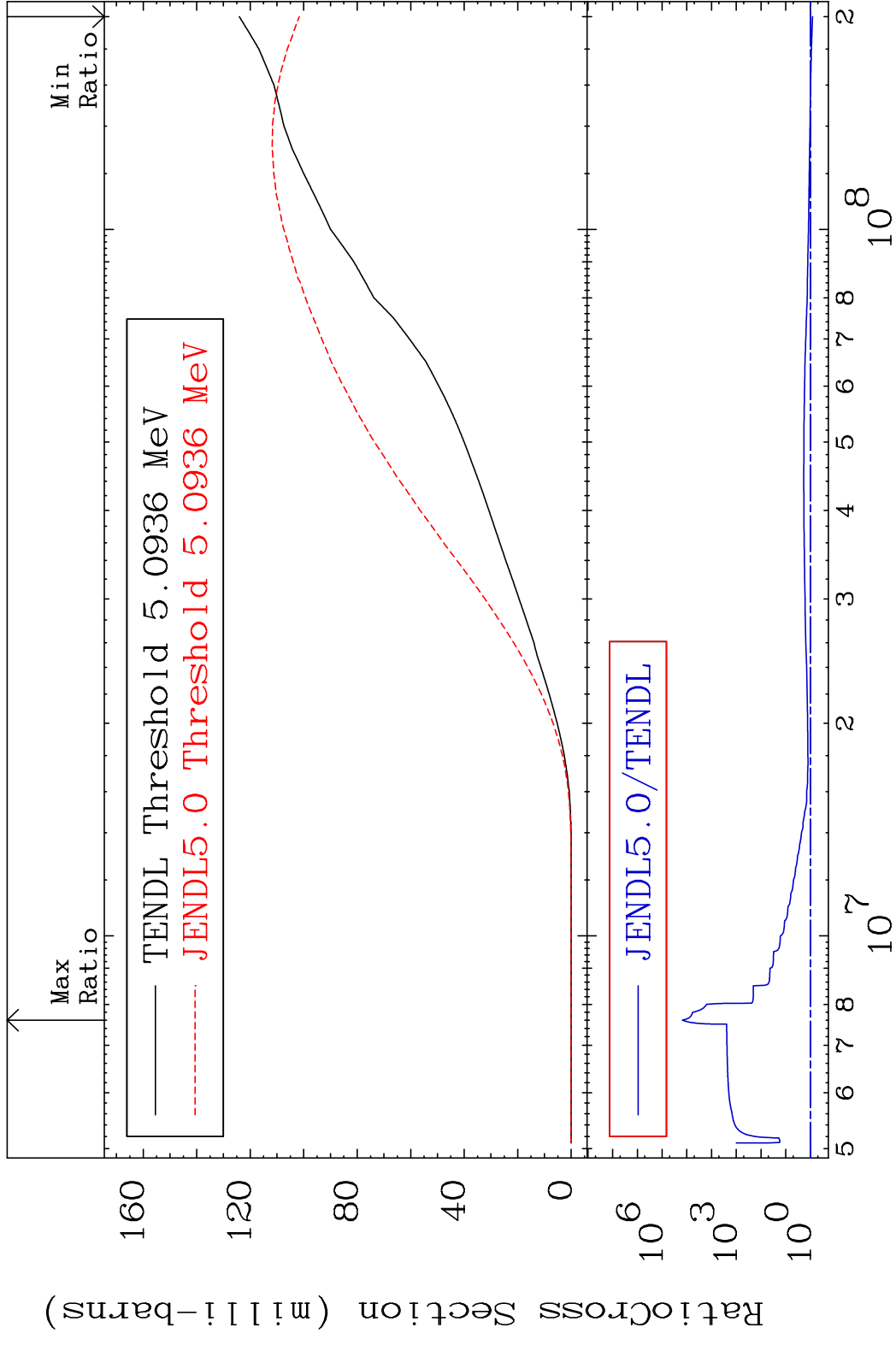
Incident Energy (eV)

78-Pt-195m

MAT 7841 Hydrogen Production 78-Pt-195m
 Cross Section -73.02 To 9999. %



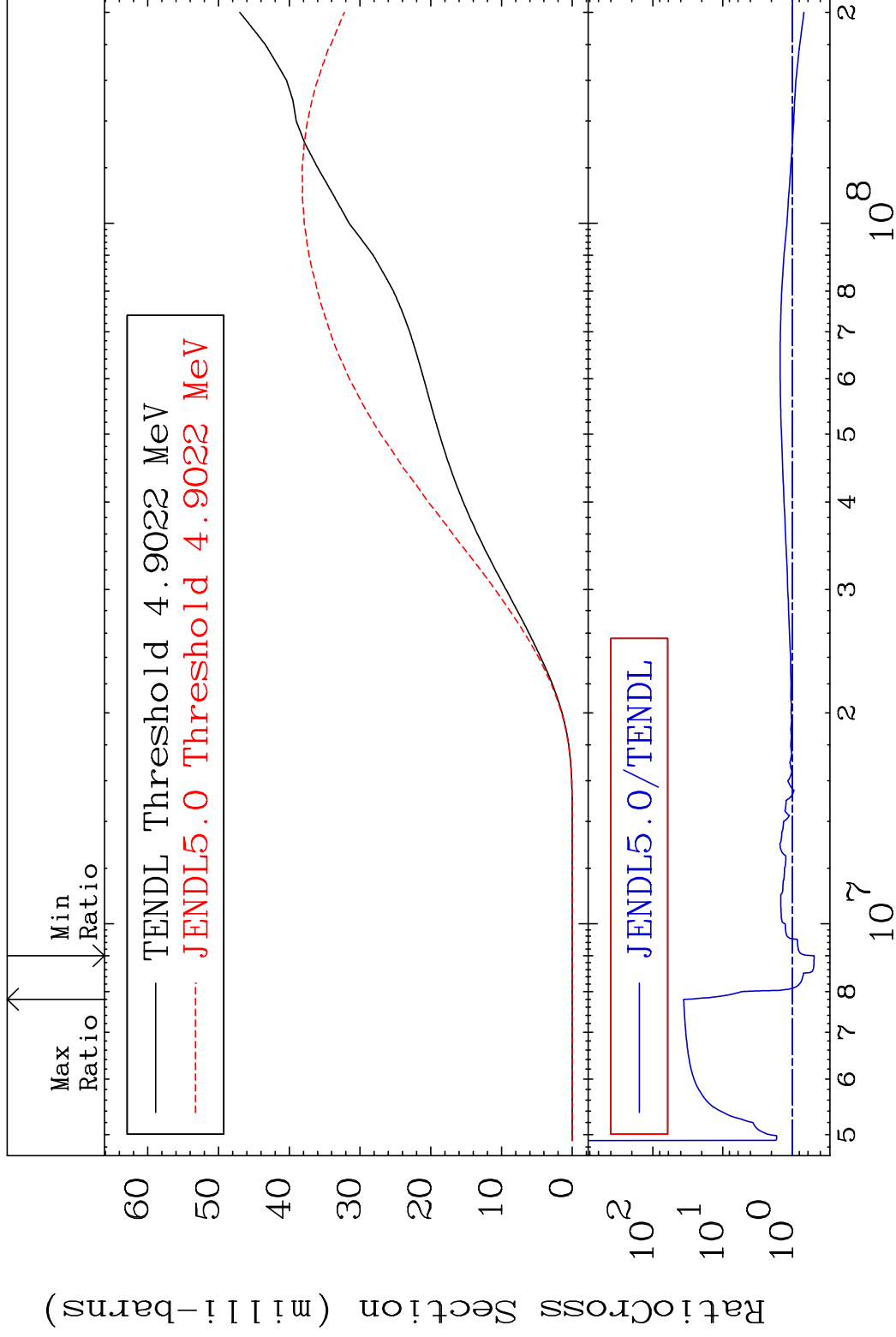
MAT 7841 Deuterium Production 78-Pt-195m
 Cross Section -18.10 To 9999. %



49 Incident Energy (eV) 78-Pt-195m

MAT 7841

Tritium Production 78-Pt-195m
Cross Section -51.01 To 3519. %

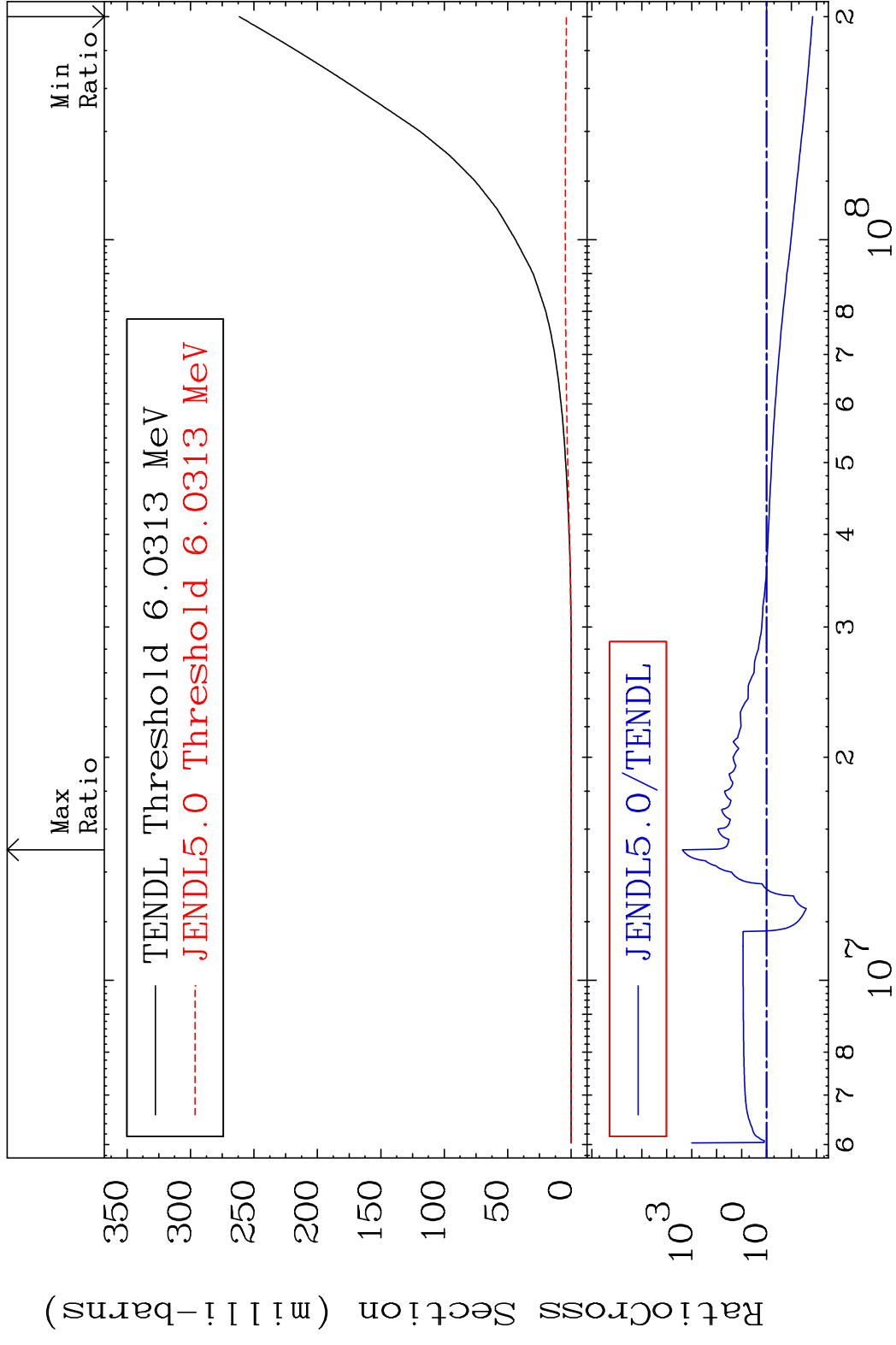


50

Incident Energy (eV)

78-Pt-195m

MAT 7841 He-3 Production 78-Pt-195m
 Cross Section -98.57 To 9999. %

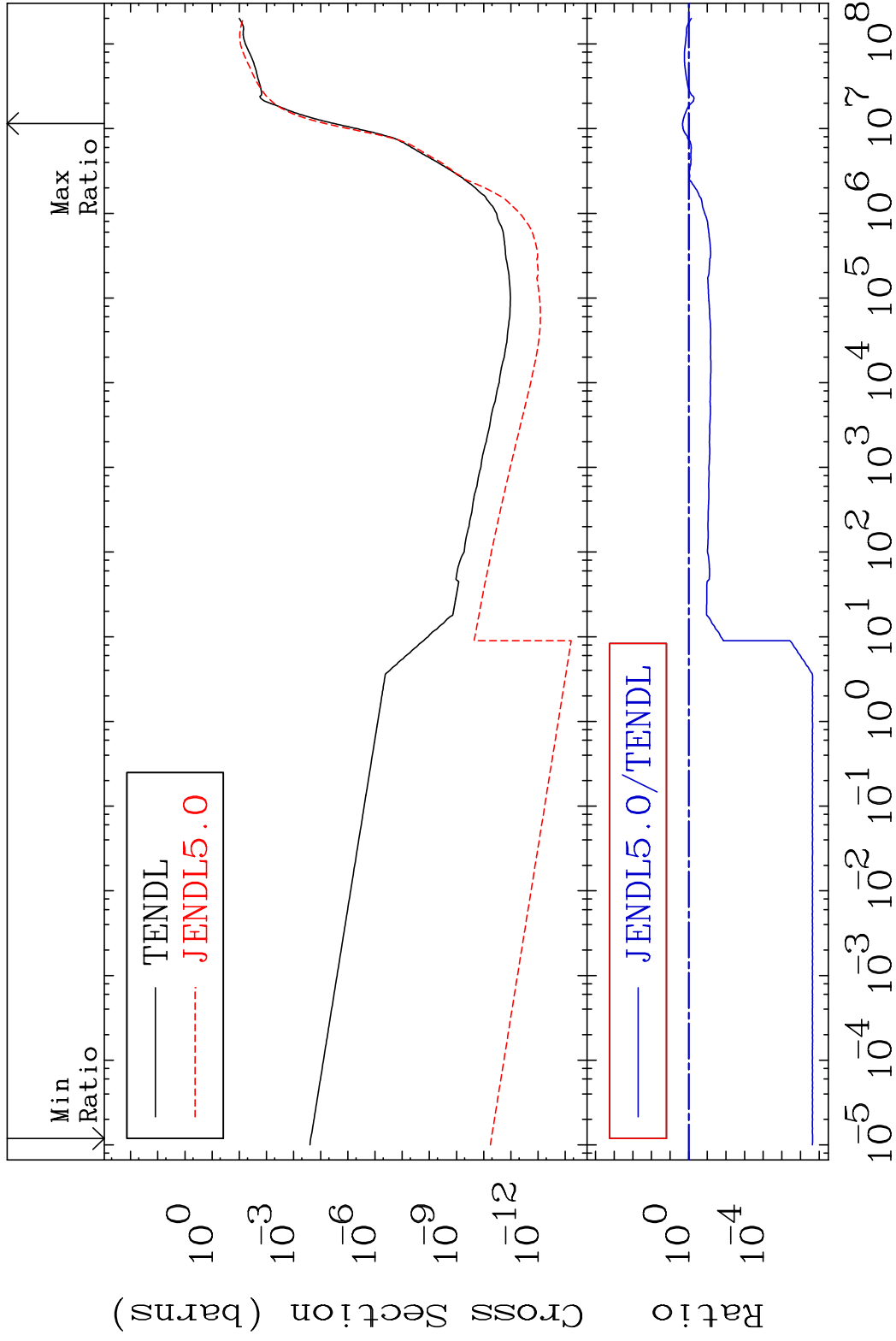


MAT 7841

He-4 Production

78-Pt-195m

Cross Section -100.0 To 118.8 %

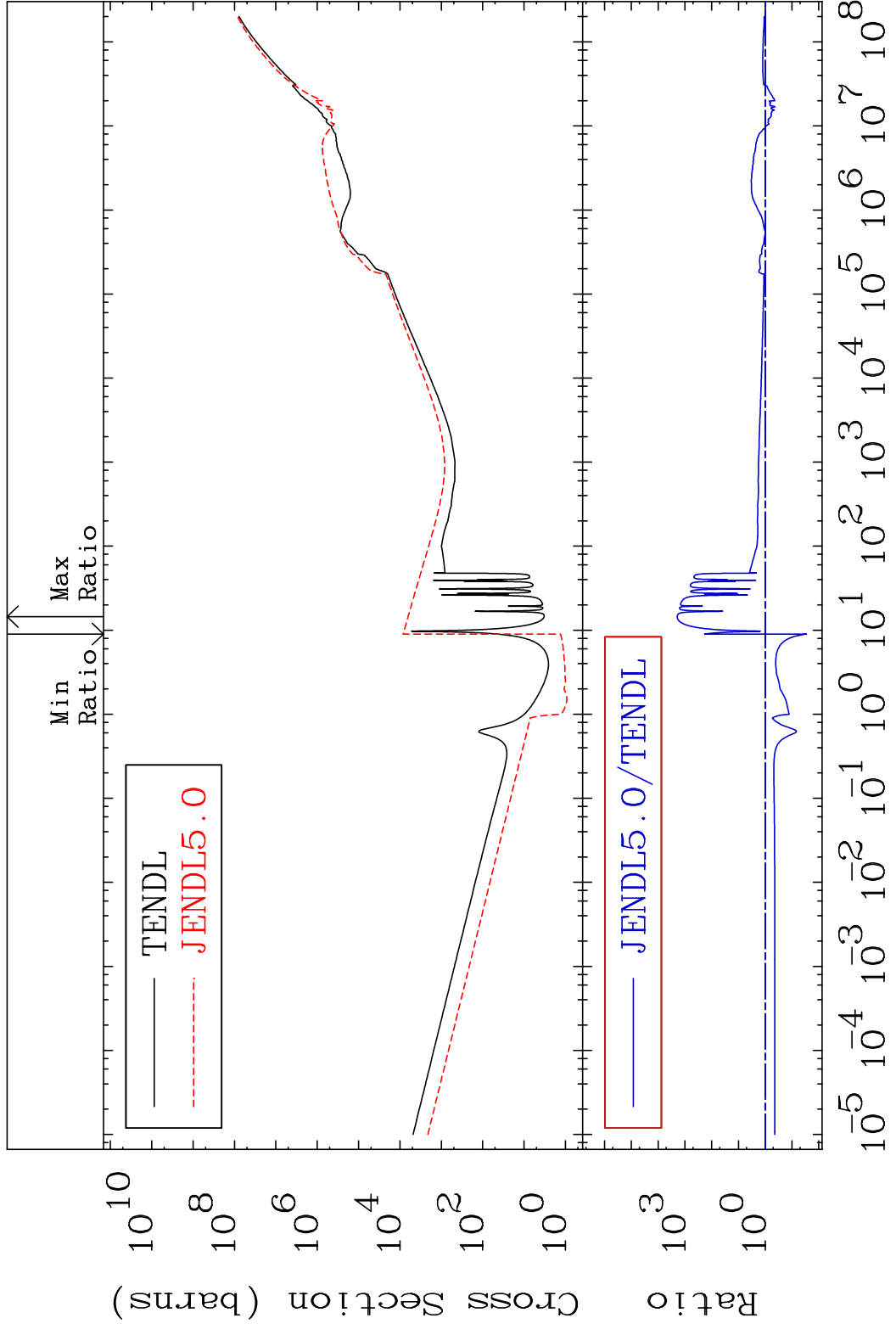


52

Incident Energy (eV)

78-Pt-195m

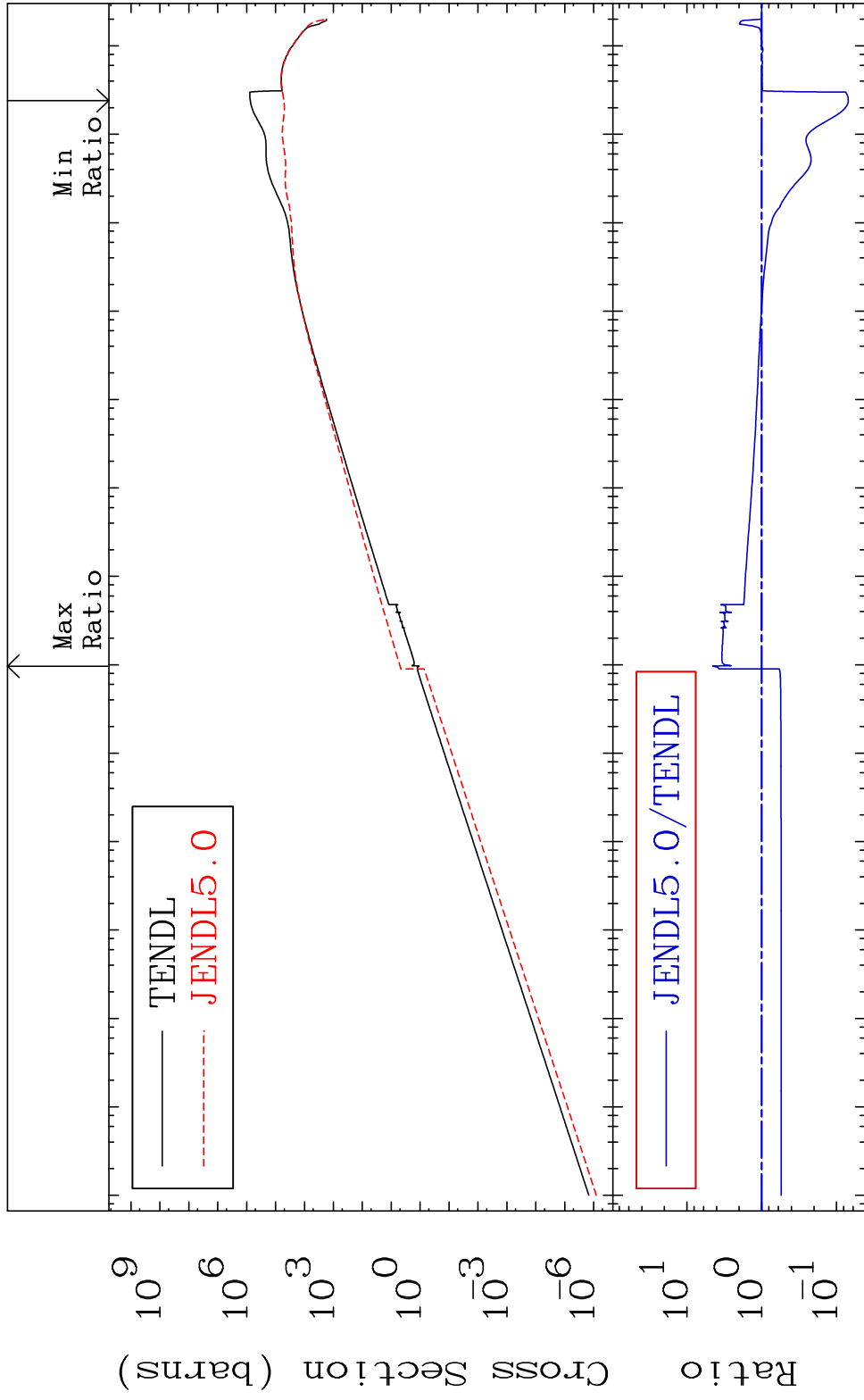
MAT 7841 Kerma total (eV-barns) 78-Pt-195m
 Cross Section -97.10 To 9999. %



MAT 7841

Kerma elastic
Cross Section

78-Pt-195m
-93.06 To 356.8 %

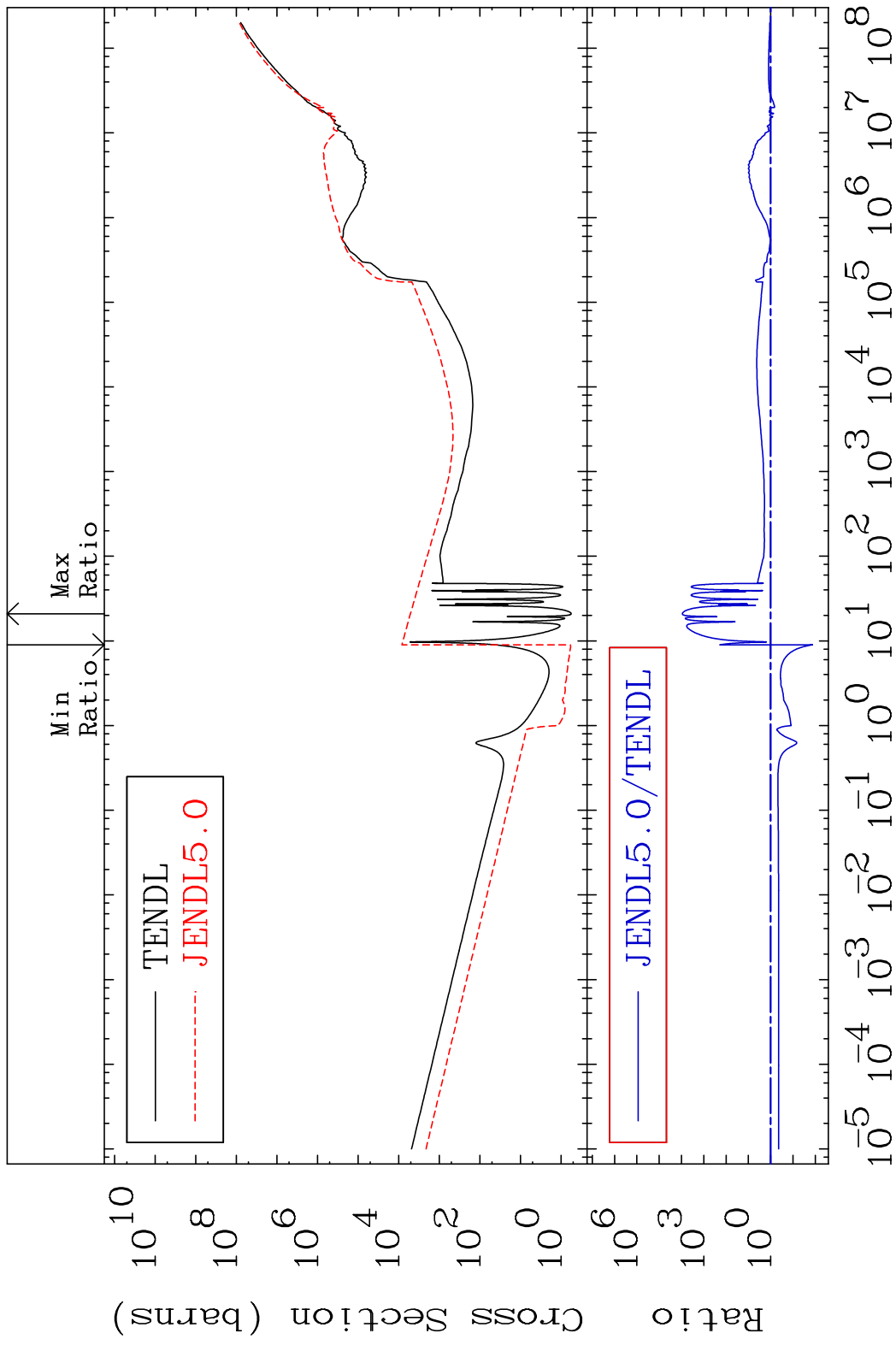


54

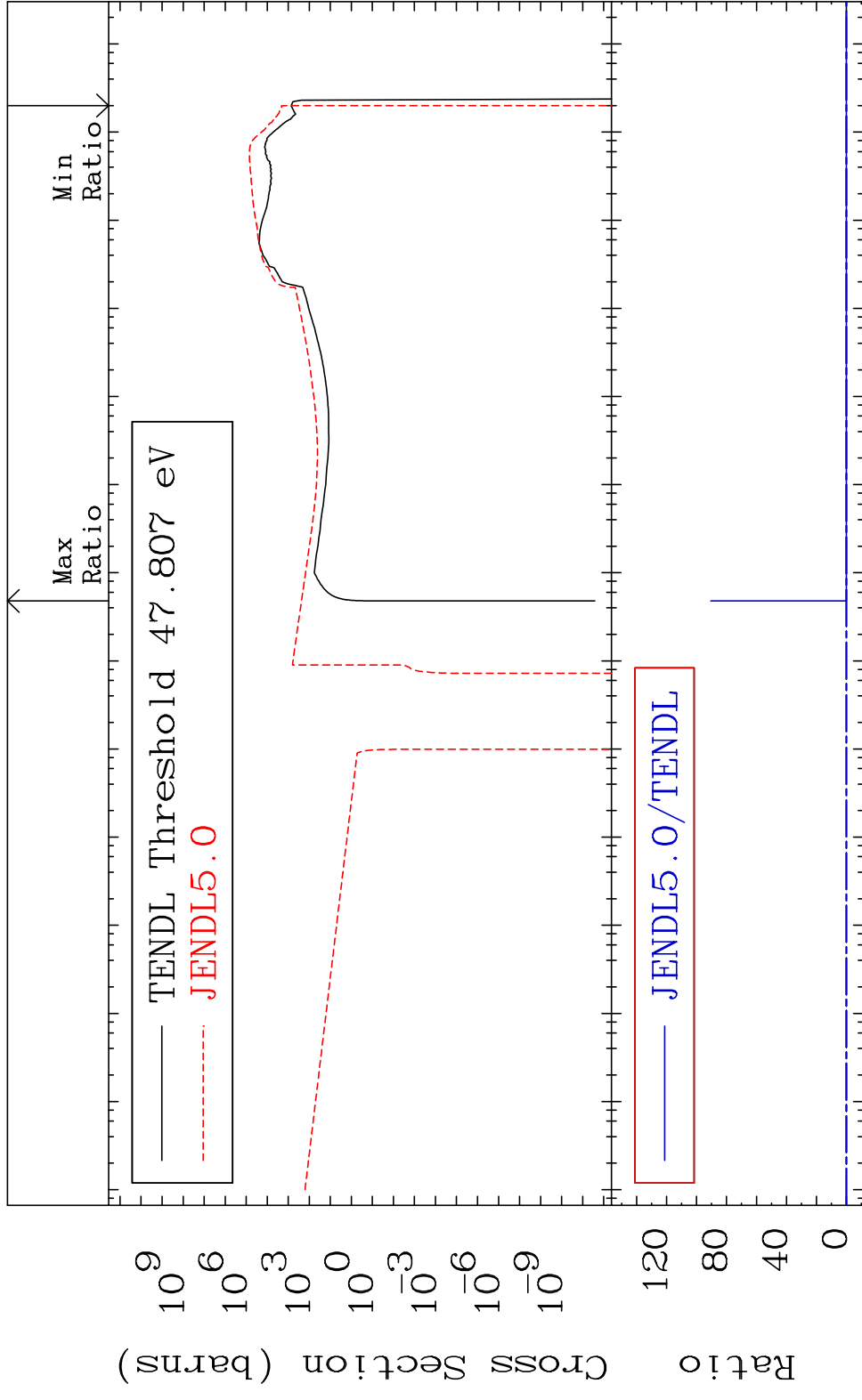
Incident Energy (eV)

78-Pt-195m

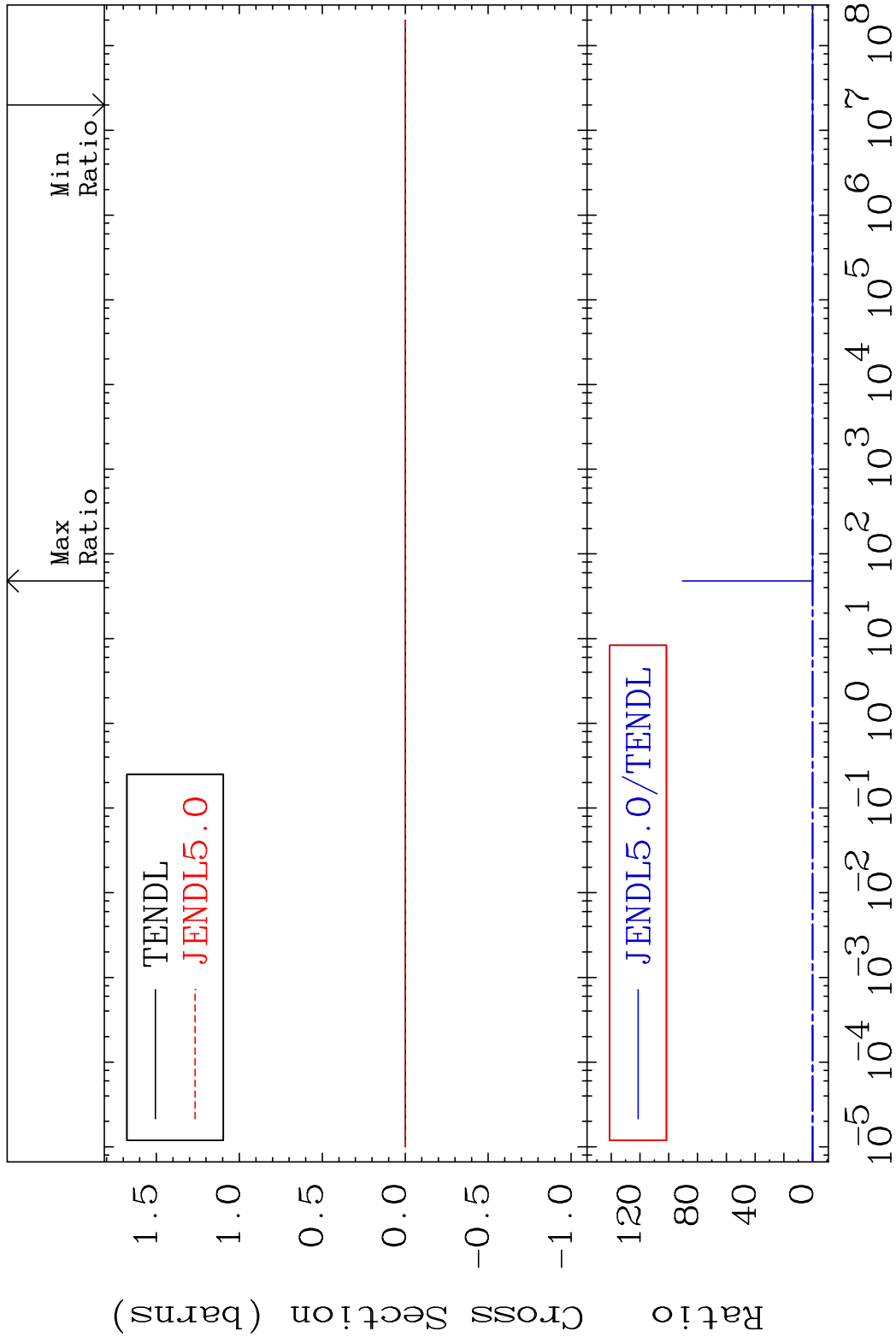
MAT 7841 Kerma non-elastic (all but mt2) 78-Pt-195m
 Cross Section -98.68 To 9999. %



MAT 7841 Kerma inelastic (mt51-91) 78-Pt-195m
 Cross Section -100.0 To 9999. %

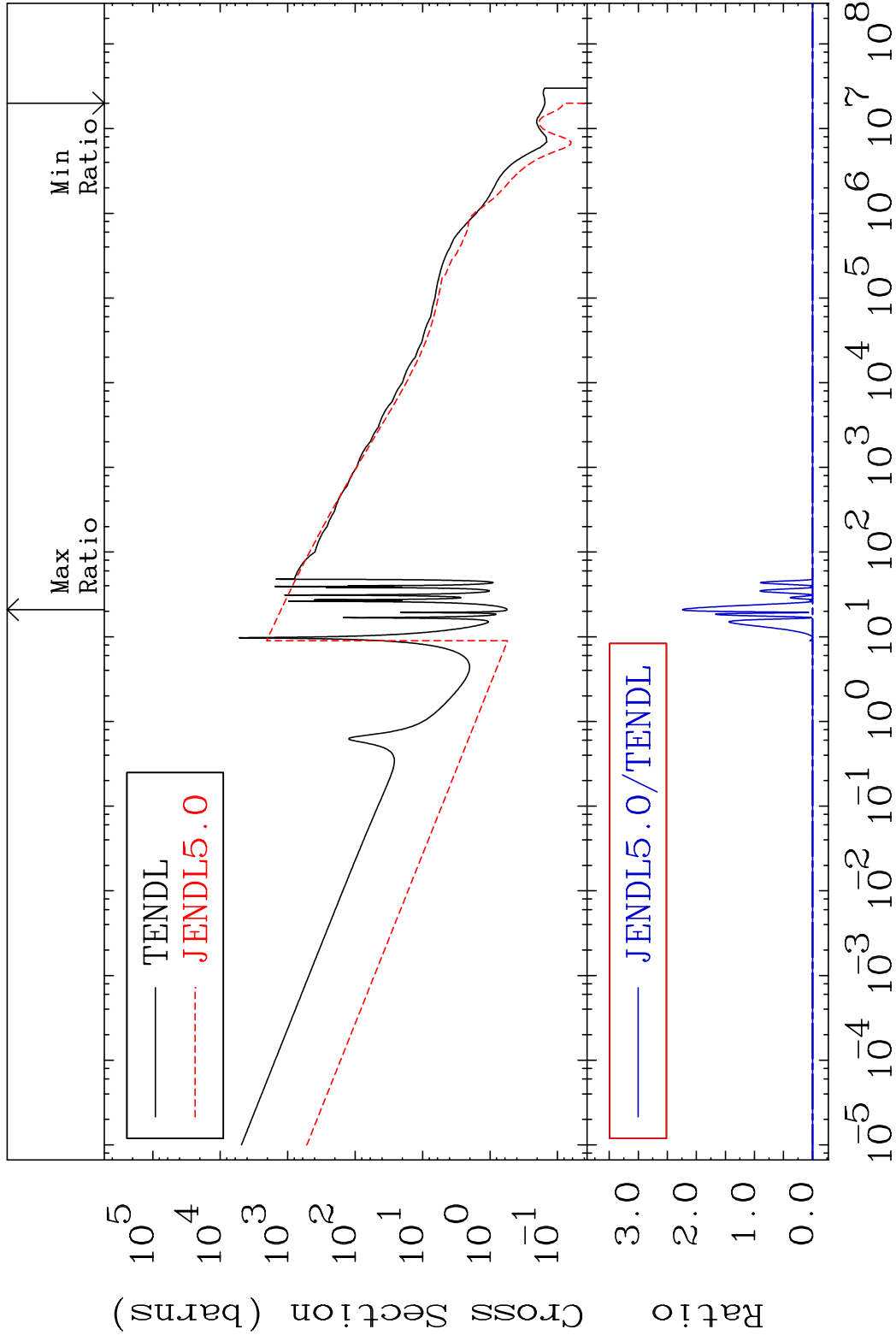


MAT 7841 Kerma fission (mt18 or mt19-20-21-38)Pt-195m
 Cross Section -100.0 To 9999. %



MAT 7841

Kerma capture (mt102) 78-Pt-195m
Cross Section -100.0 To 9999. %

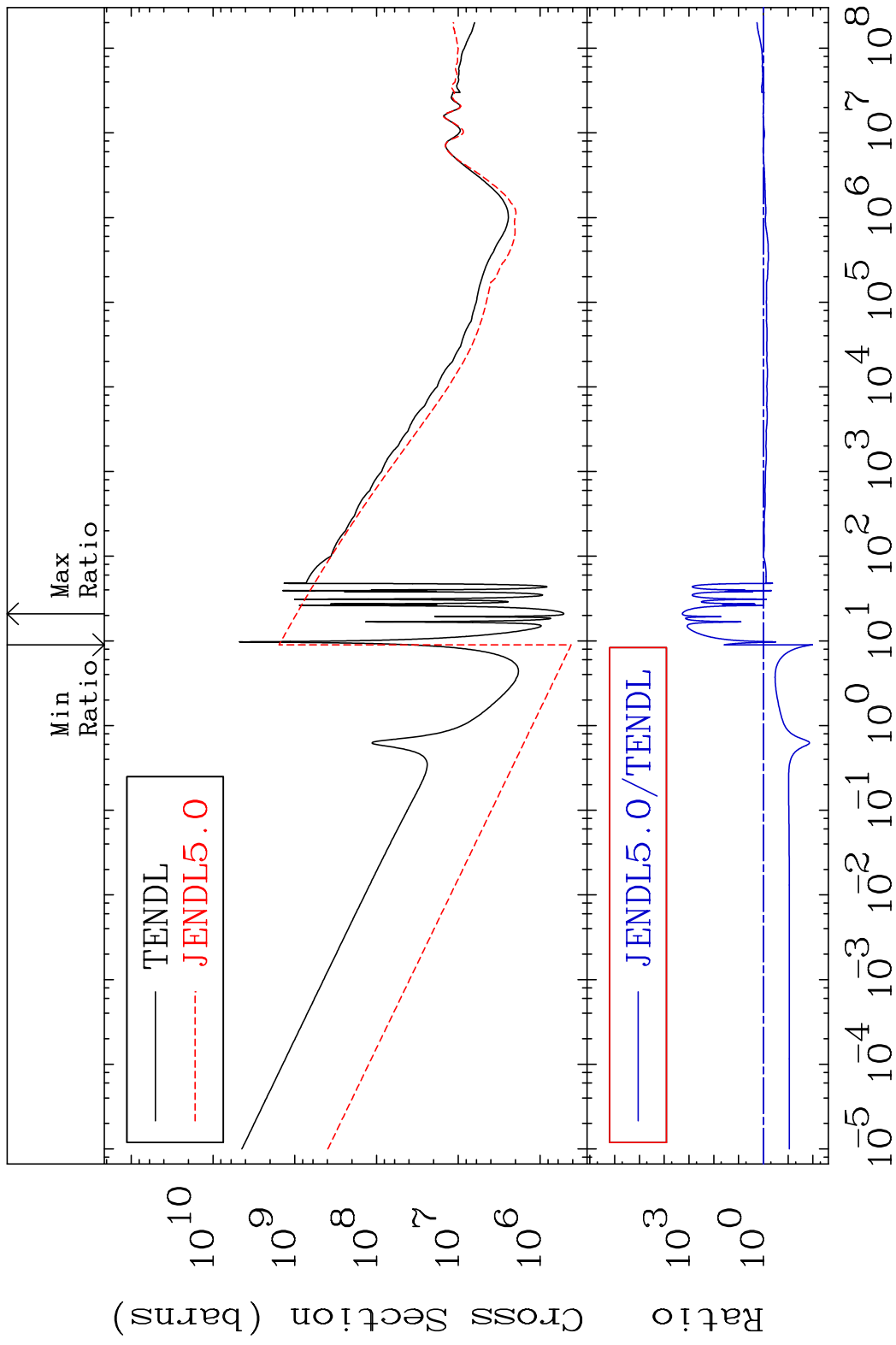


58

Incident Energy (eV)

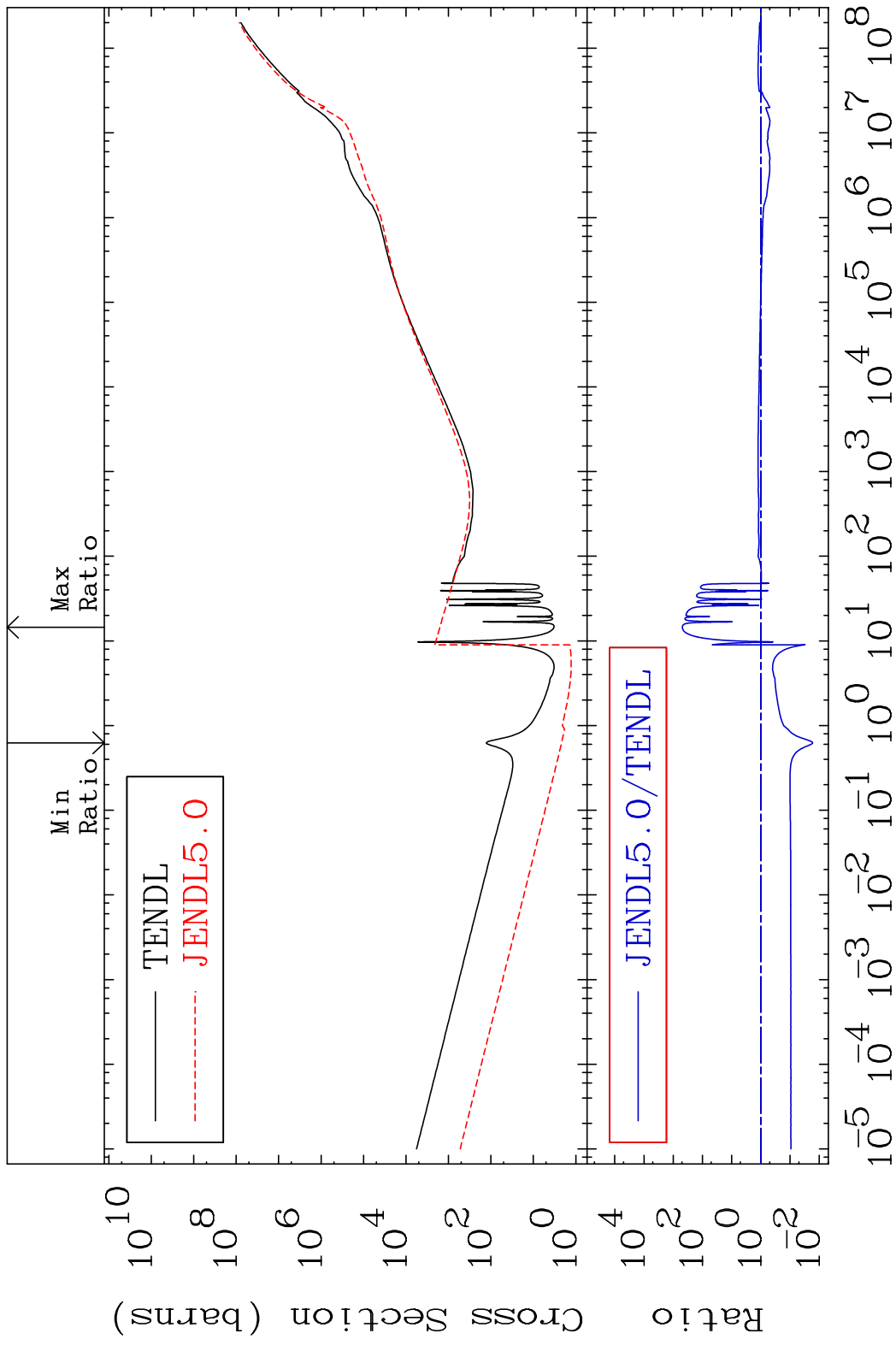
78-Pt-195m

MAT 7841 Total photon (eV-barns) 78-Pt-195m
 Cross Section -98.96 To 9999. %



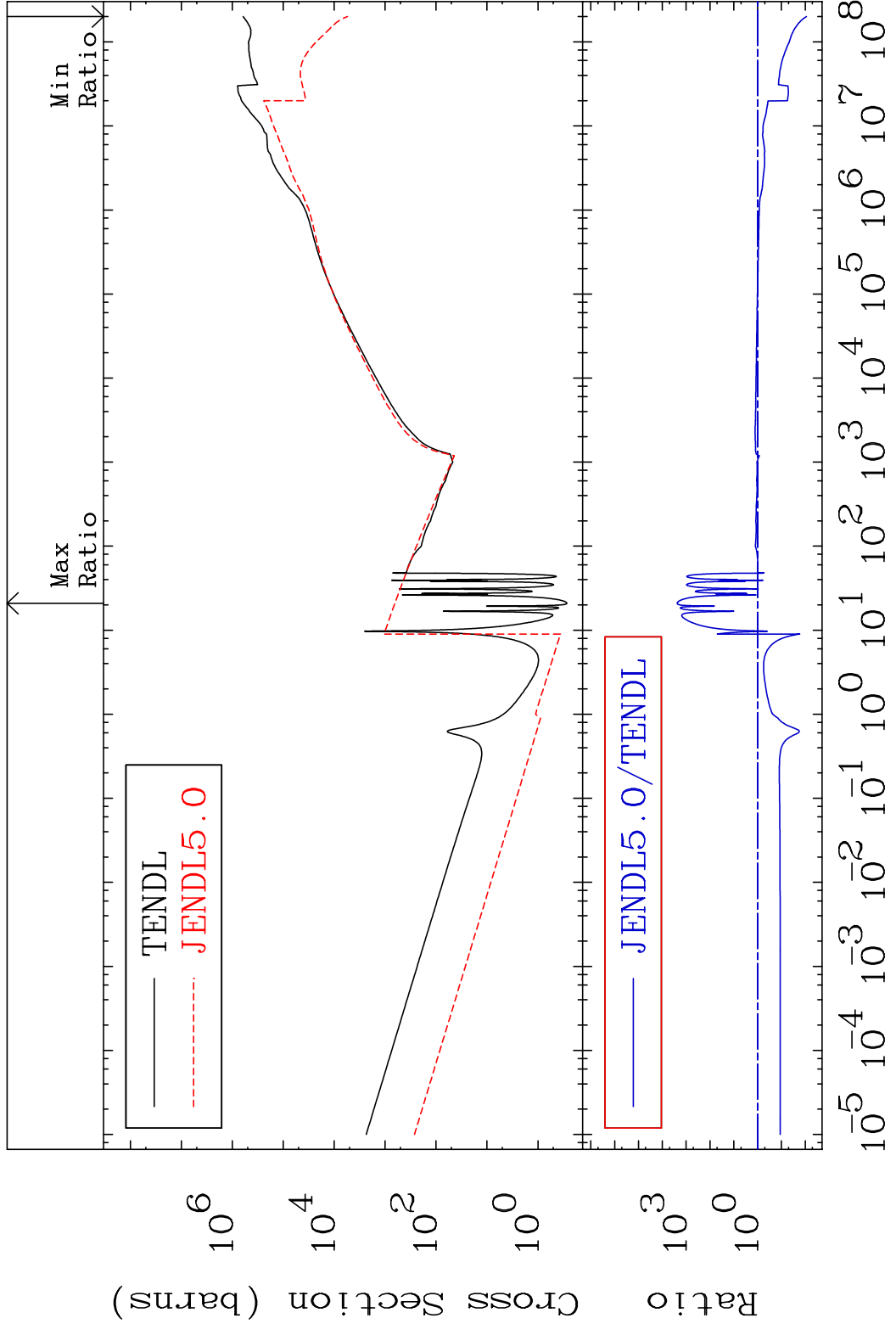
59 Incident Energy (eV) 78-Pt-195m

MAT 7841 Total kinematic kerma (high limit)78-Pt-195m
 Cross Section -98.30 To 9999. %



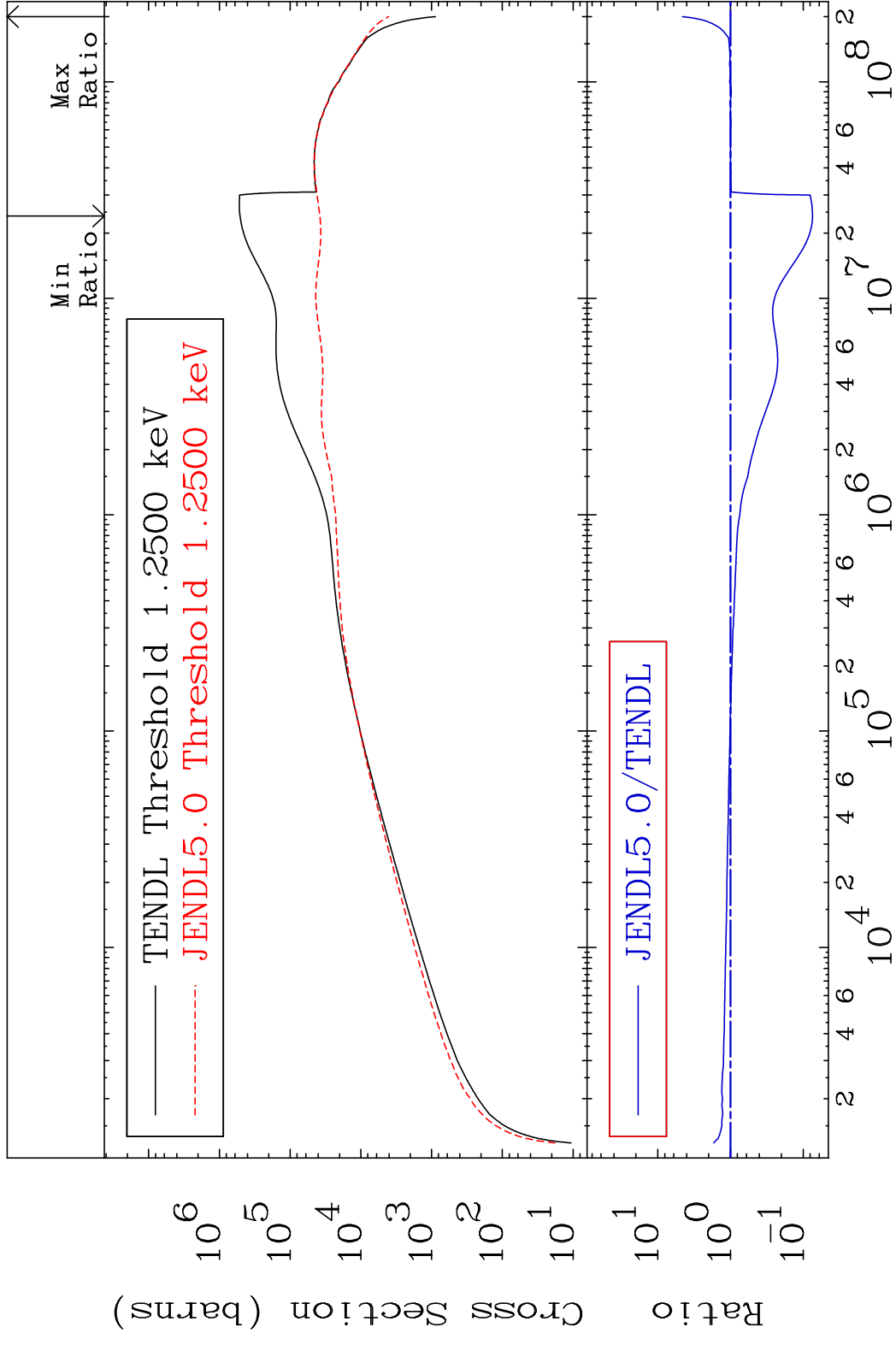
60 Incident Energy (eV) 78-Pt-195m

MAT 7841 Dpa total (eV-barns) 78-Pt-195m
 Cross Section -99.11 To 9999. %

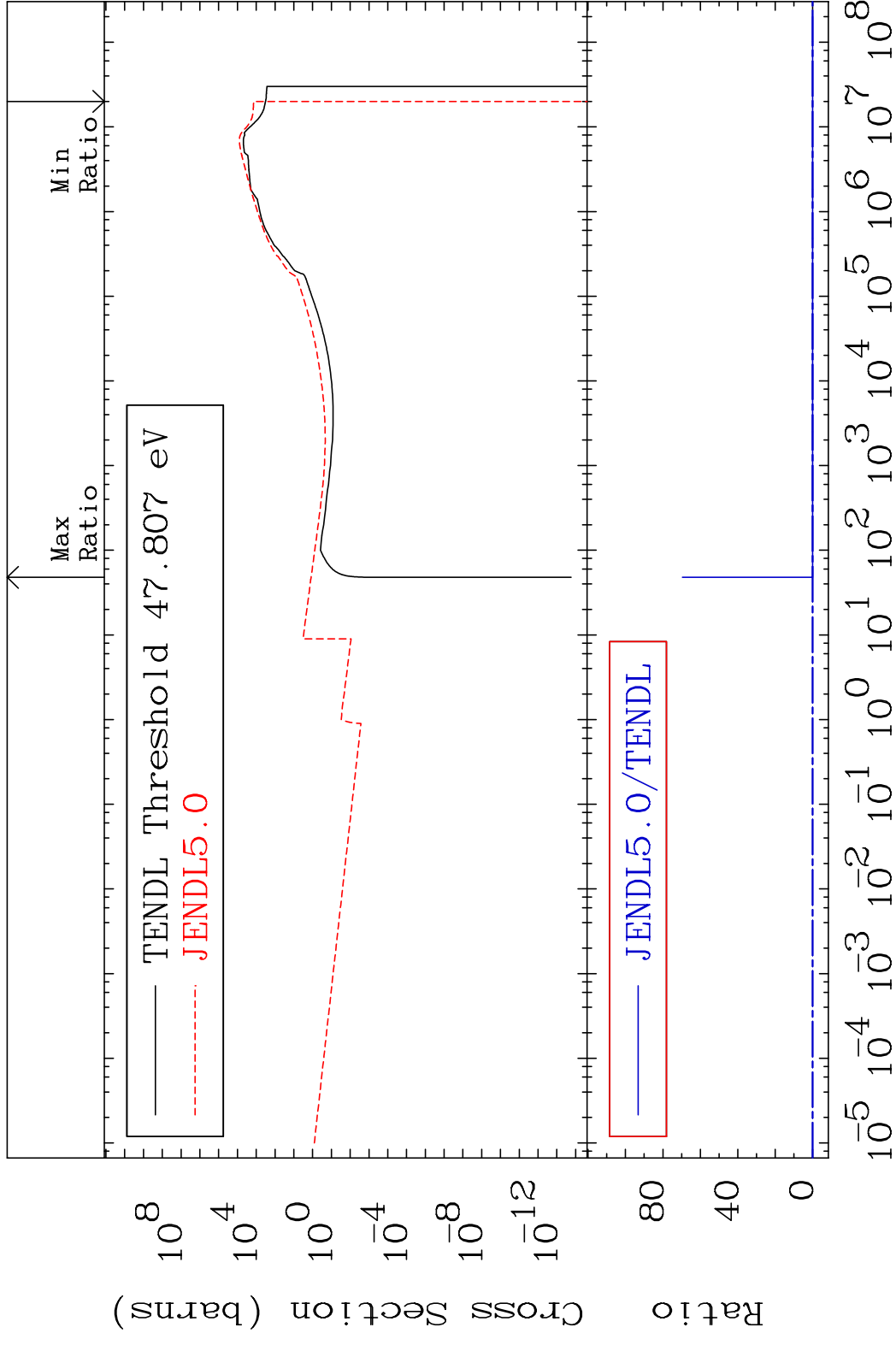


61 Incident Energy (eV) 78-Pt-195m

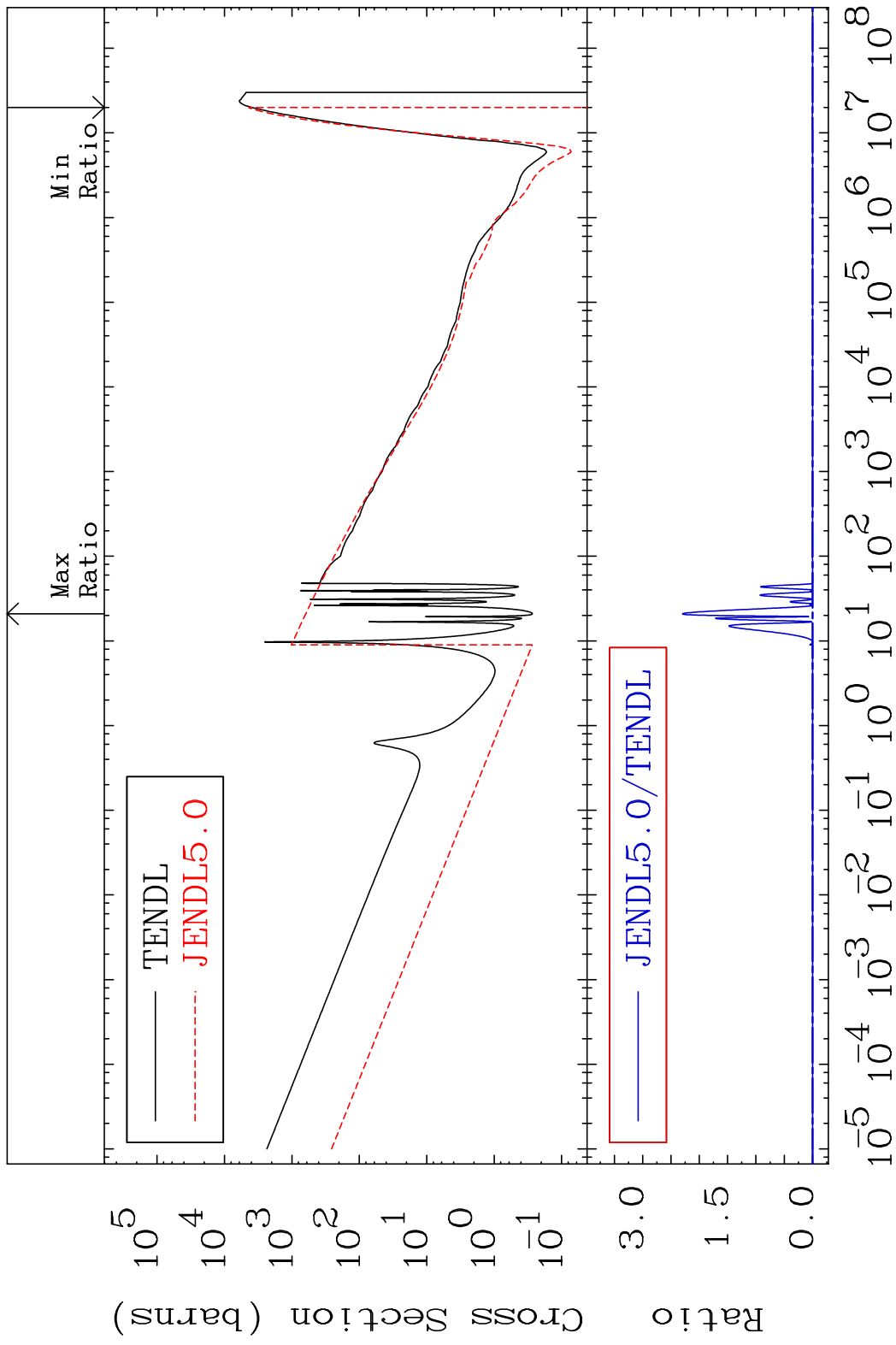
MAT 7841 Dpa elastic (mt2) 78-Pt-195m
 Cross Section -92.58 To 357.8 %



MAT 7841 Dpa inelastic (mt51-91) 78-Pt-195m
 Cross Section -100.0 To 9999. %

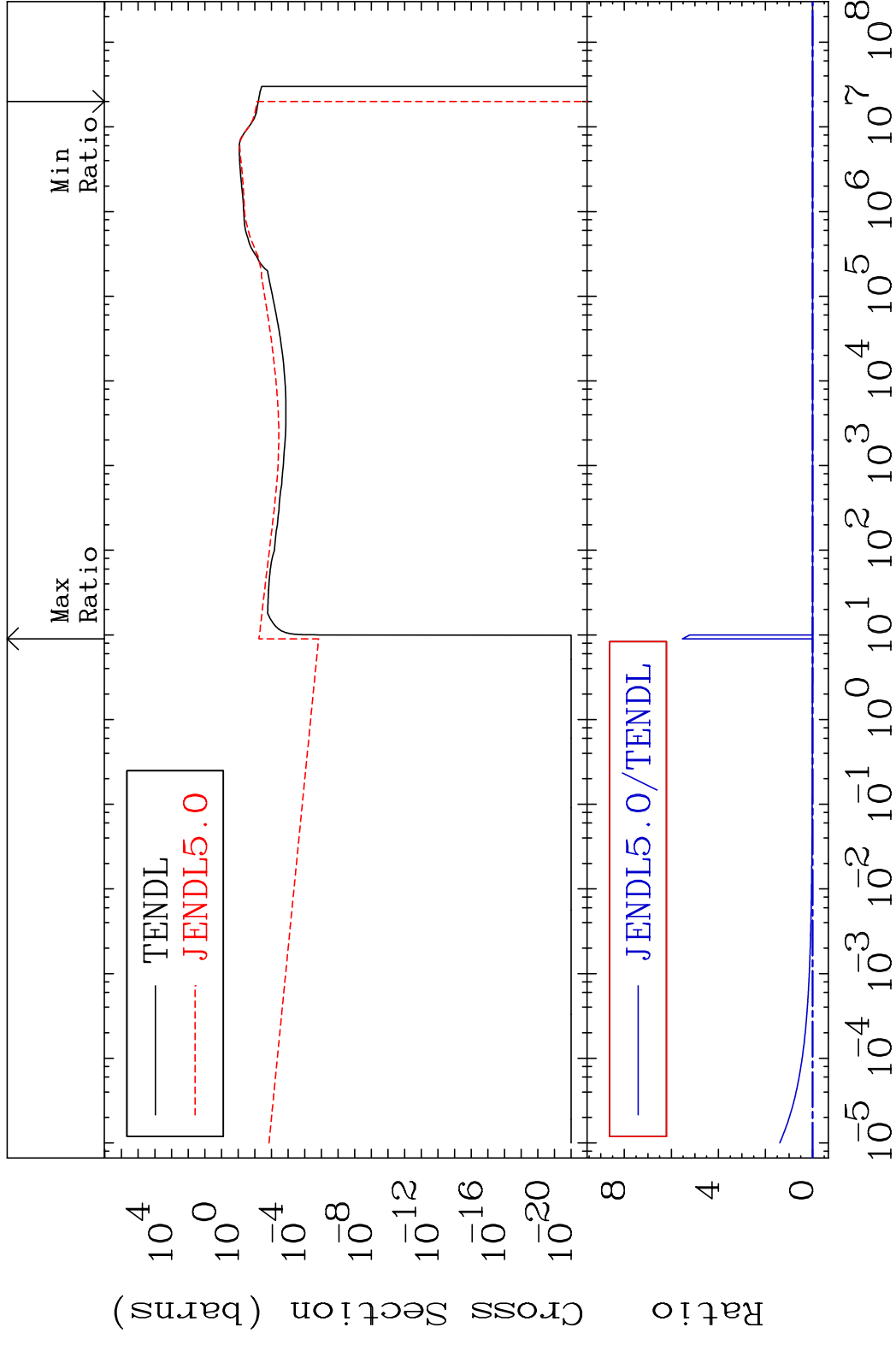


MAT 7841 Dpa disappearance (mt102 -120) 78-Pt-195m
 Cross Section -100.0 To 9999. %



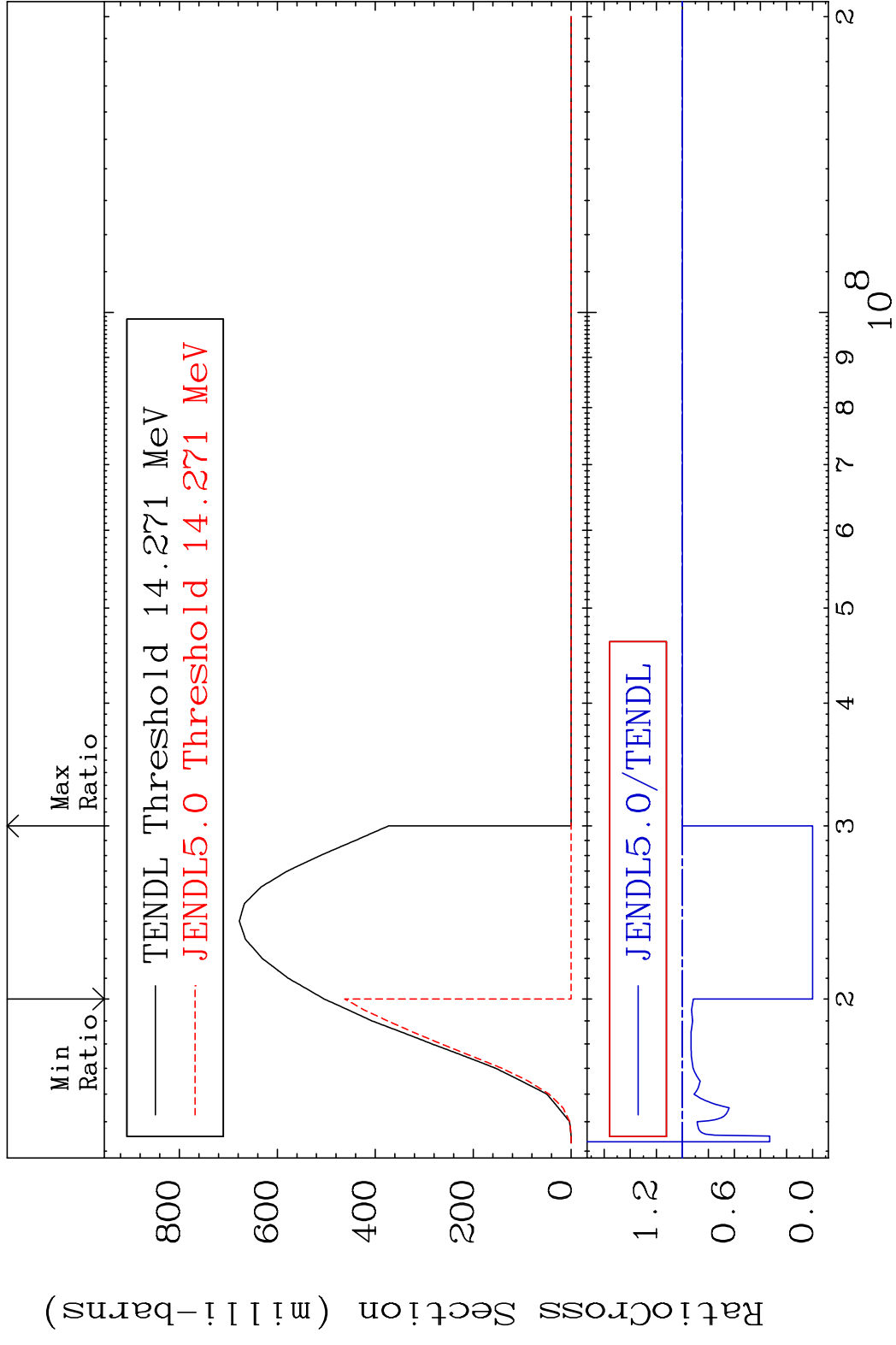
64 Incident Energy (eV) 78-Pt-195m

MAT 7841 Inelastic:78-Pt-195g 78-Pt-195m
 Radionuclide Production Cross Section 100.00 to 9999.99 %

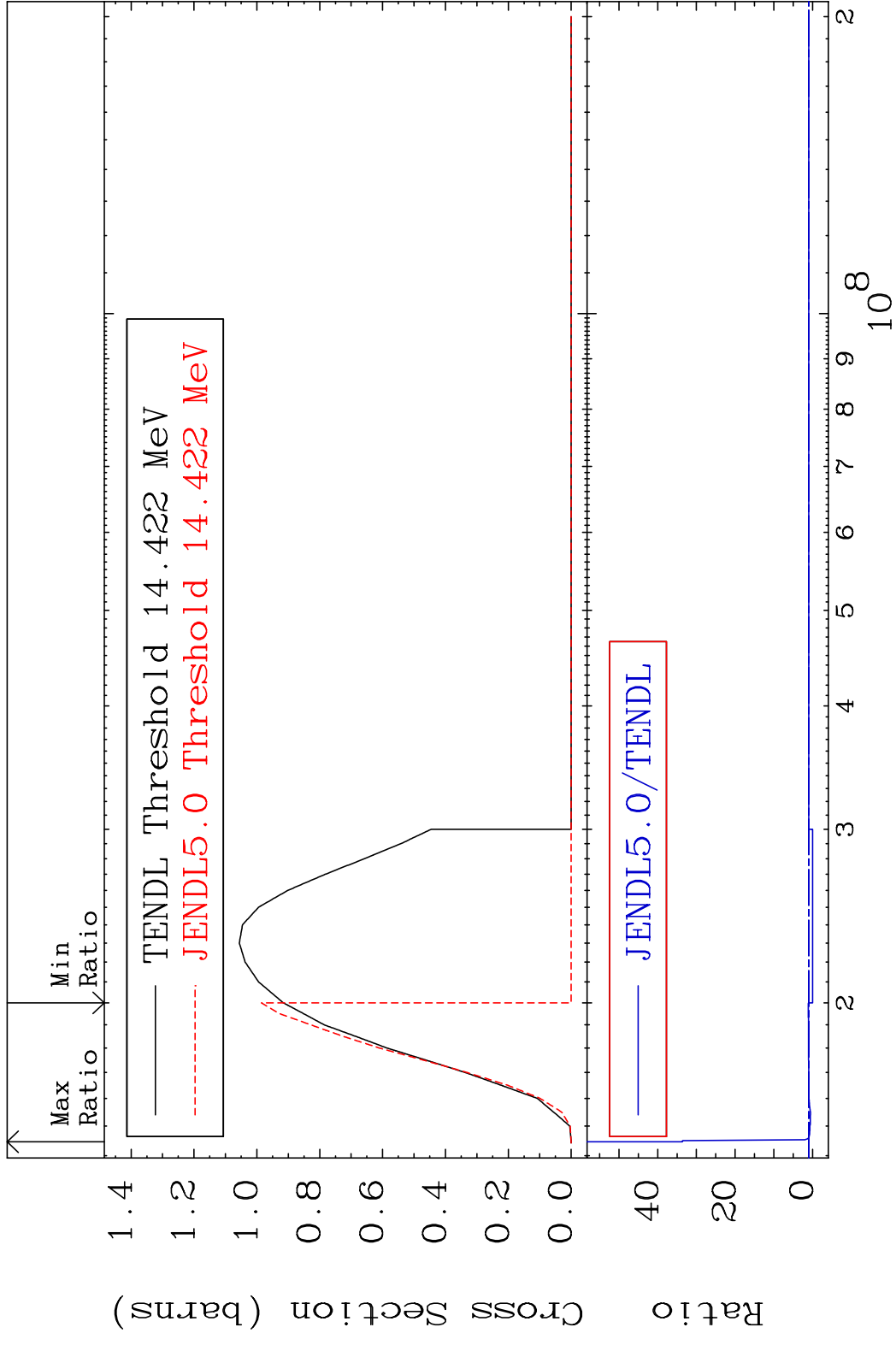


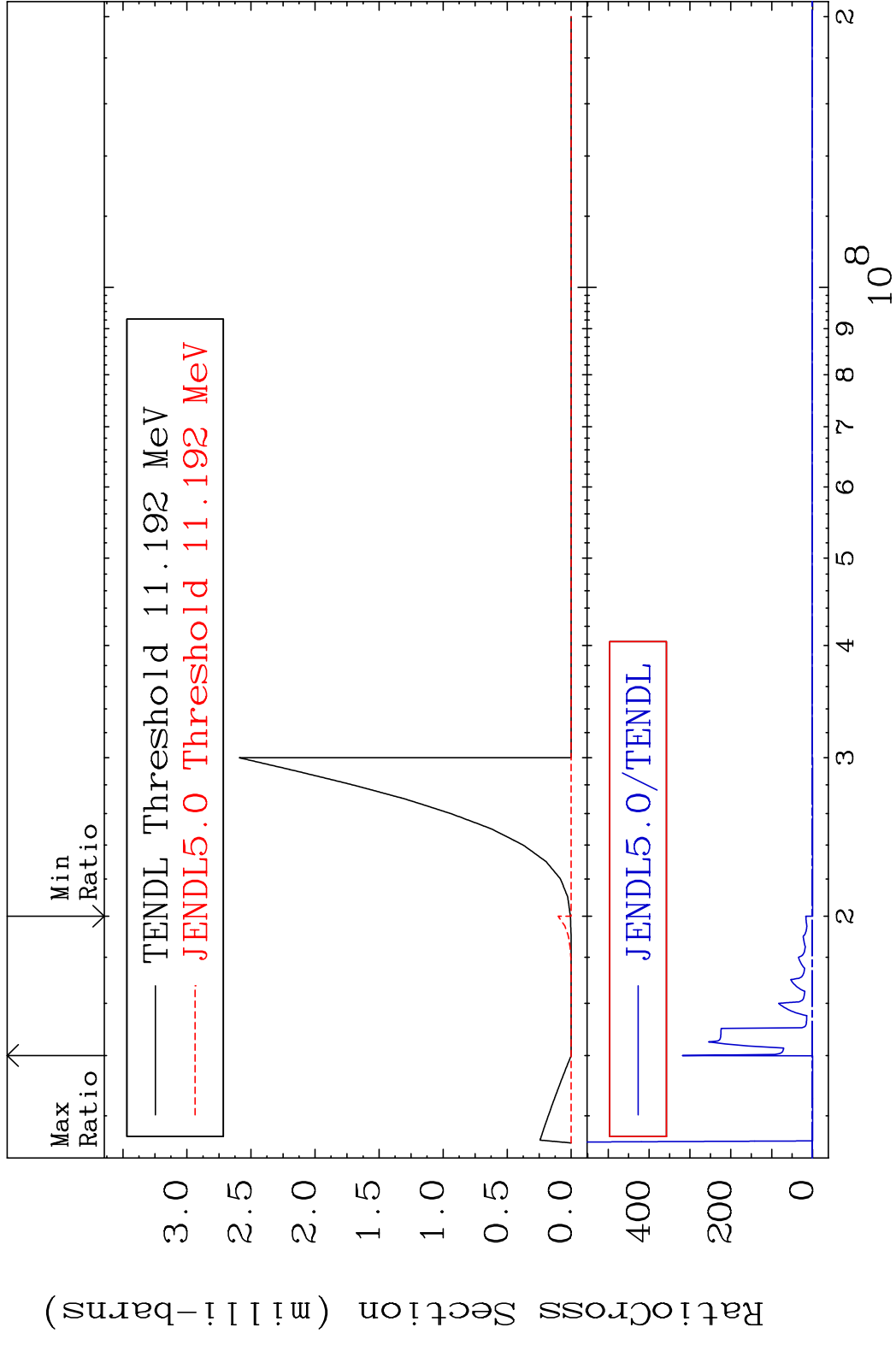
65 Incident Energy (eV) 78-Pt-195m

MAT 7841 (n,3n):78-Pt-193g 78-Pt-195m
 Radionuclide Production Cross Section Ratio 0.000 %

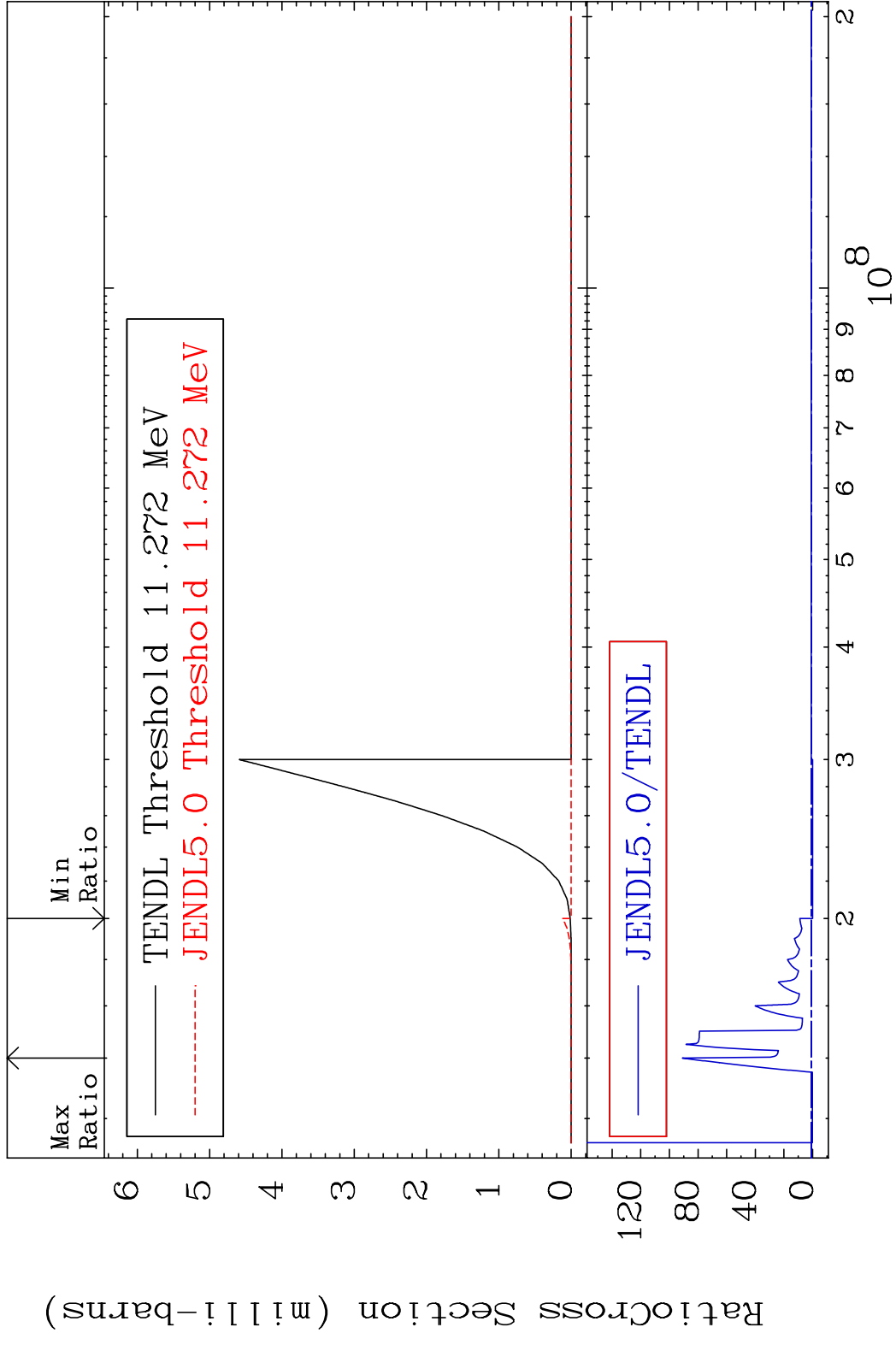


MAT 7841 (n, 3n): 78-Pt-193m5 78-Pt-195m
 Radionuclide Production Cross Section Ratio 3263. %

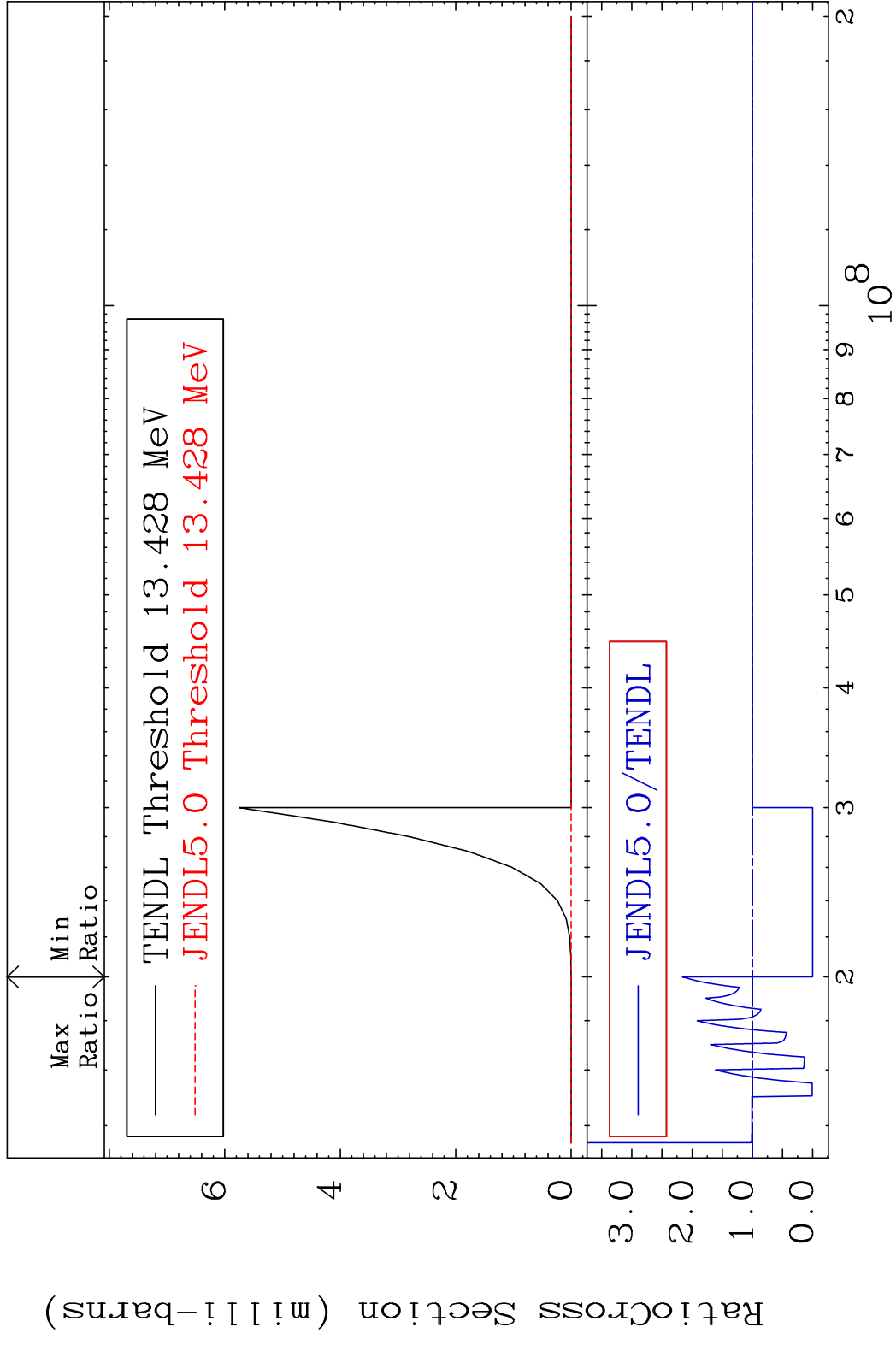


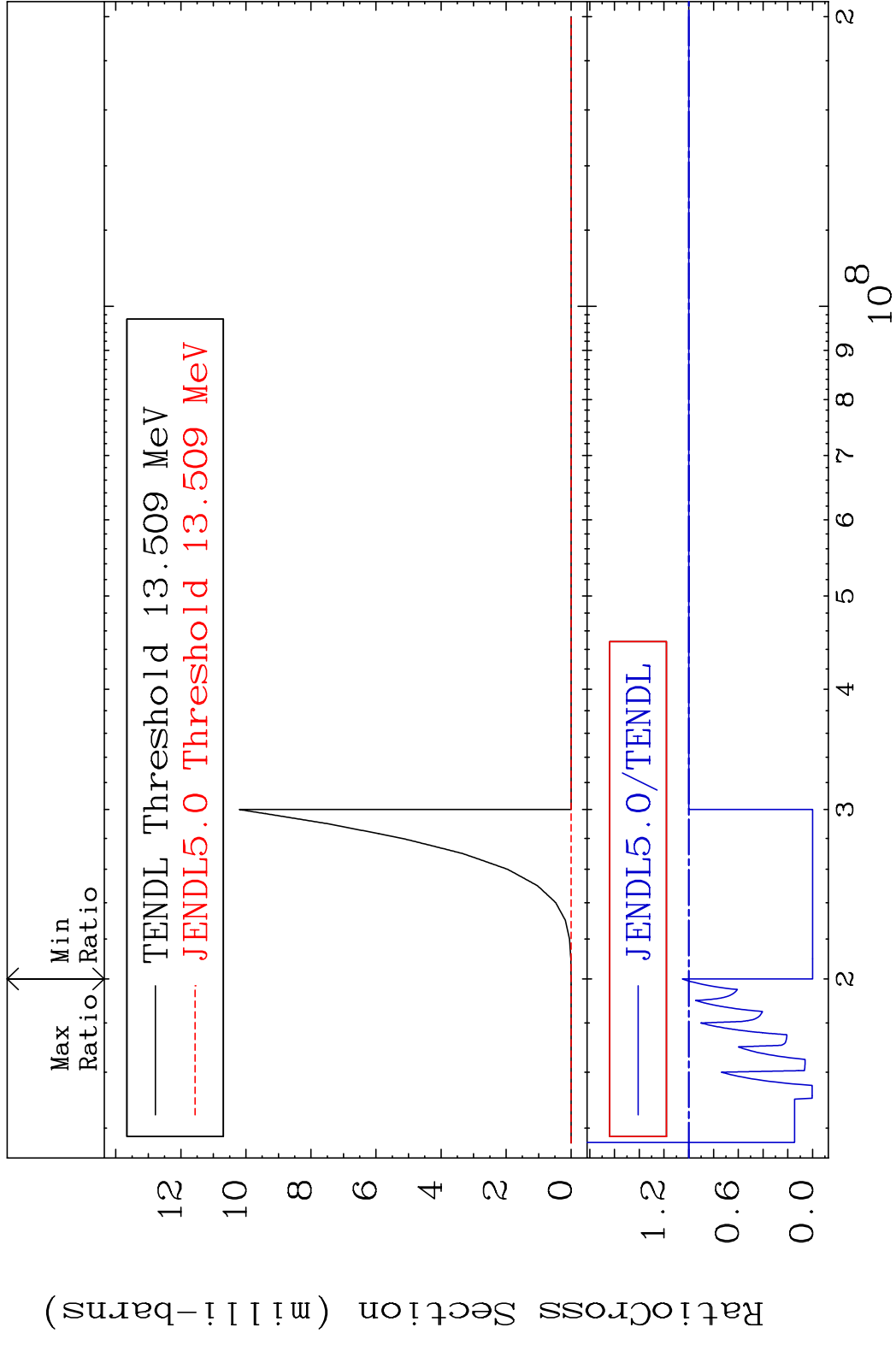


MAT 7841 (n, n') d:77-Ir-193m2 78-Pt-195m
 Radionuclide Production Cross Section to 8995. %

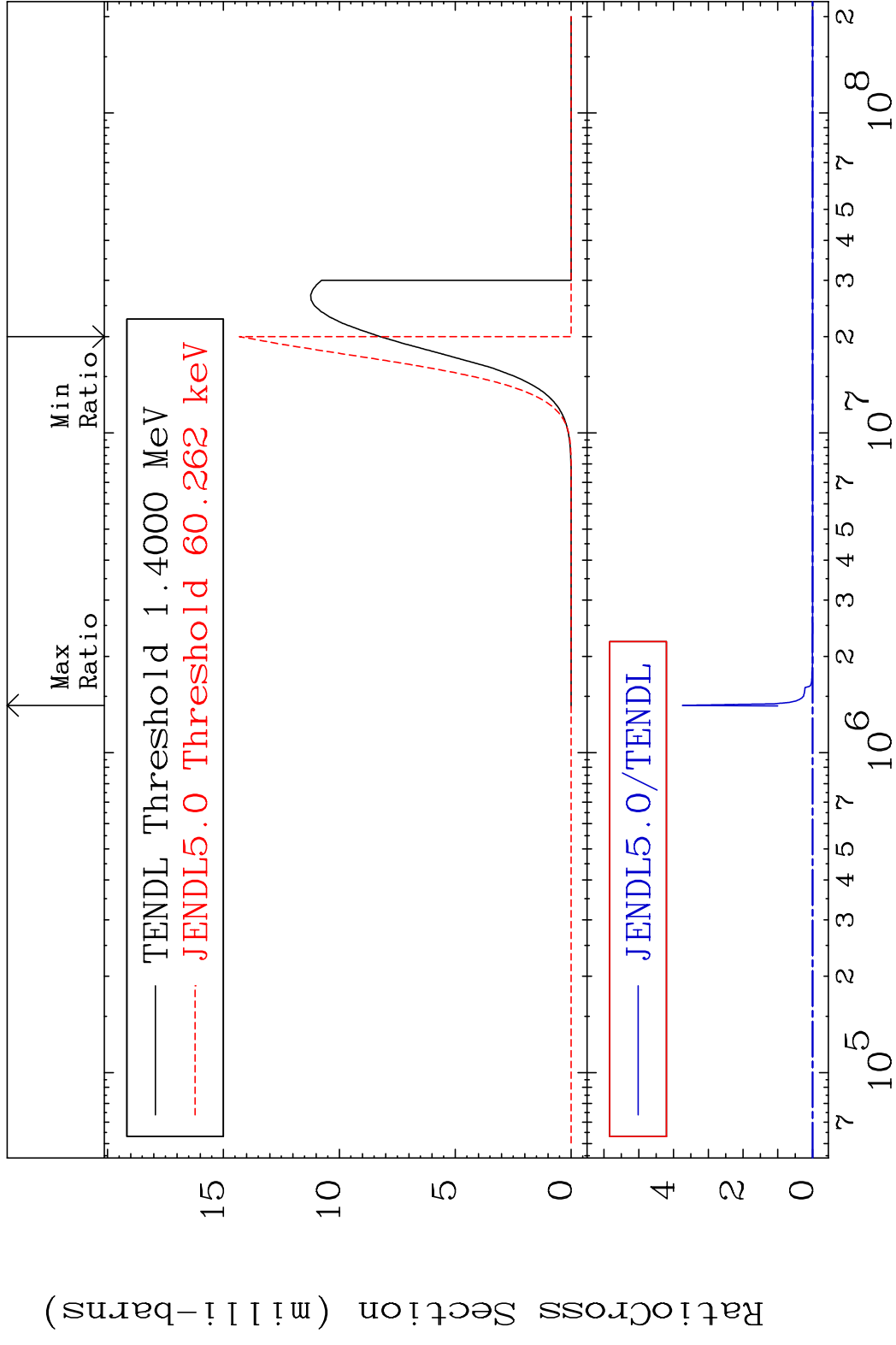


MAT 7841 (n,2n) p:77-Ir-193g 78-Pt-195m
 Radionuclide Production Cross Section 100.0%
 100.0% 116.2 %



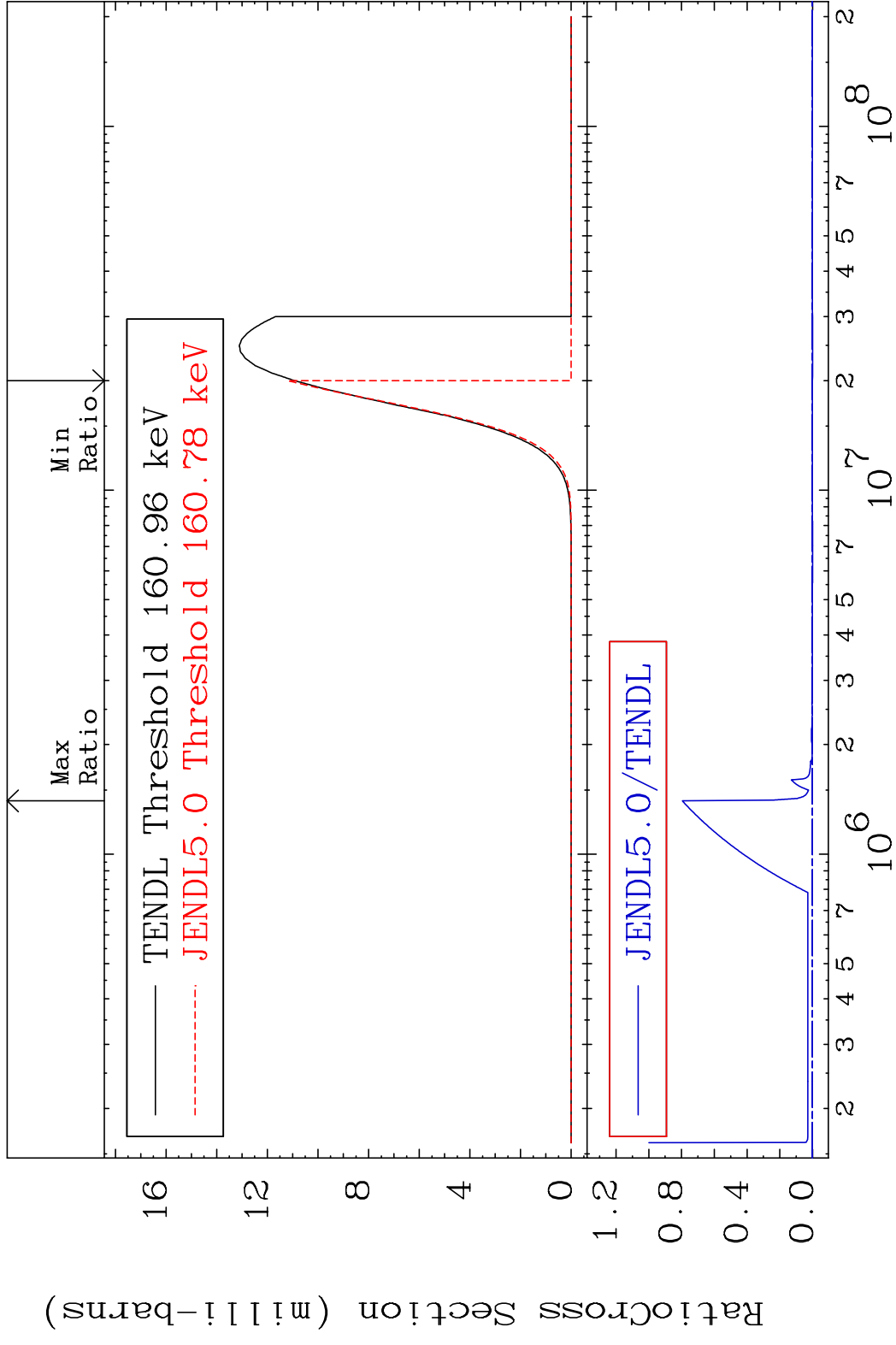


MAT 7841 (n,p):77-Ir-195g 78-Pt-195m
 Radionuclide Production Cross Section to 9999. %

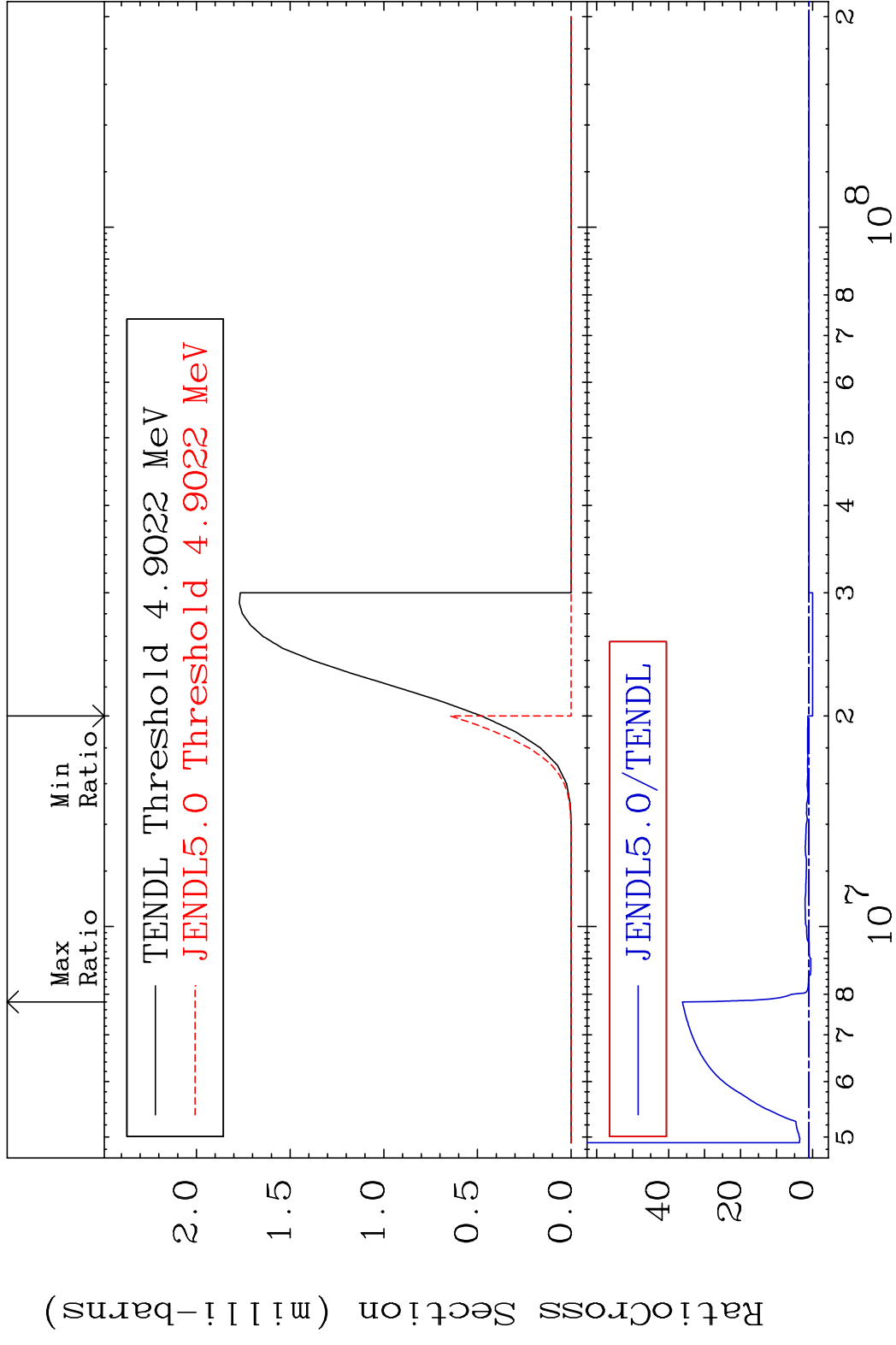


72 Incident Energy (eV) 78-Pt-195m

MAT 7841 (n, p): 77-Ir-195m2 78-Pt-195m
 Radionuclide Production Cross Section 100.00 dth 9999. %



MAT 7841 (n, t):77-Ir-193g 78-Pt-195m
 Radionuclide Production Cross Section to 3518. %



MAT 7841 (n, t): 77-Ir-193m2 78-Pt-195m
 Radionuclide Production Cross Section 1800.0 dth 3520. %

