

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

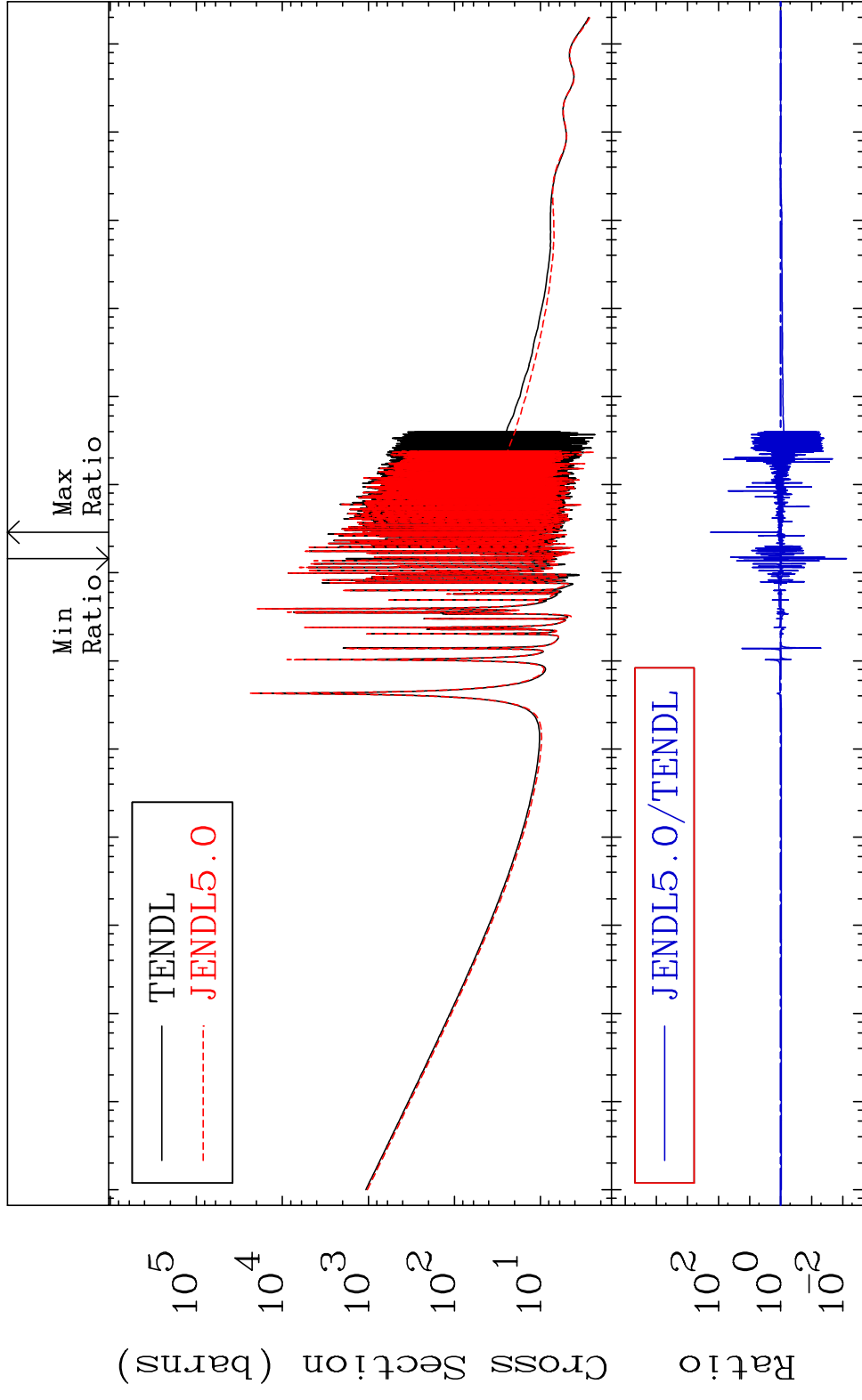
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7328

Total Cross Section -99.23 To 9999. %
73-Ta-181



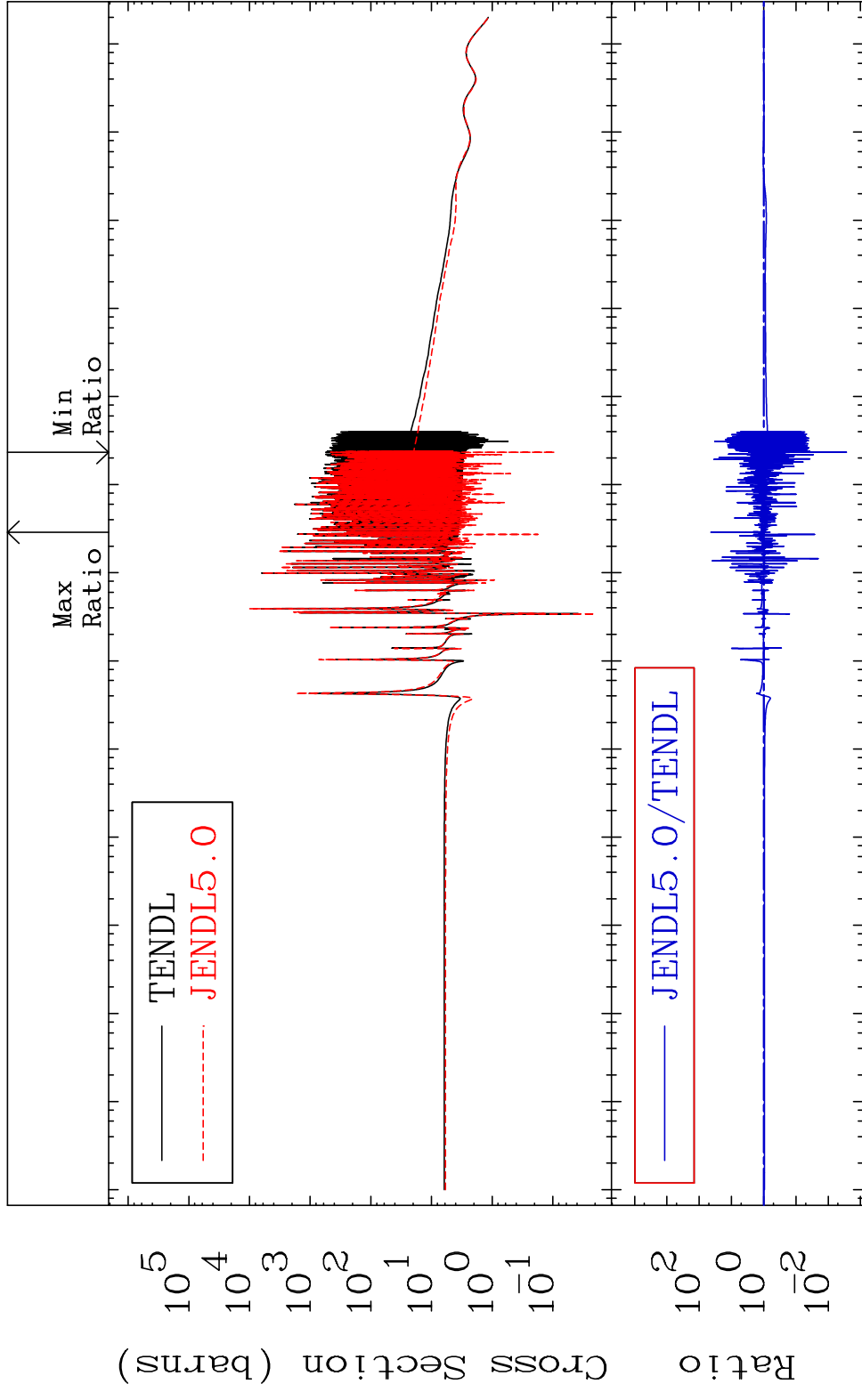
1 Incident Energy (eV) 73-Ta-181

MAT 7328

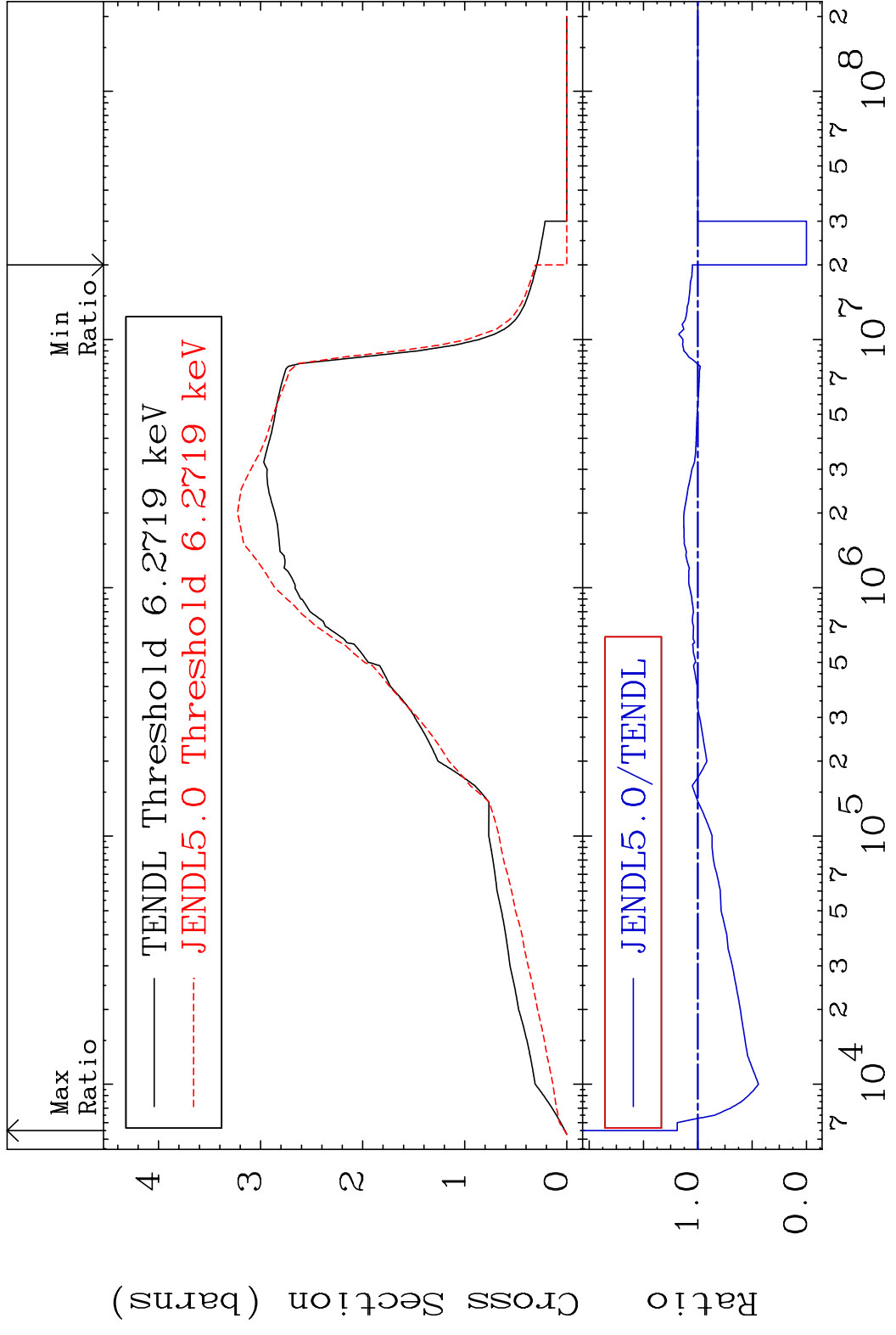
73-Ta-181

Elastic

Cross Section -99.73 To 4288. %



MAT 7328 Inelastic Cross Section -100.0 To 18.94 % 73-Ta-181



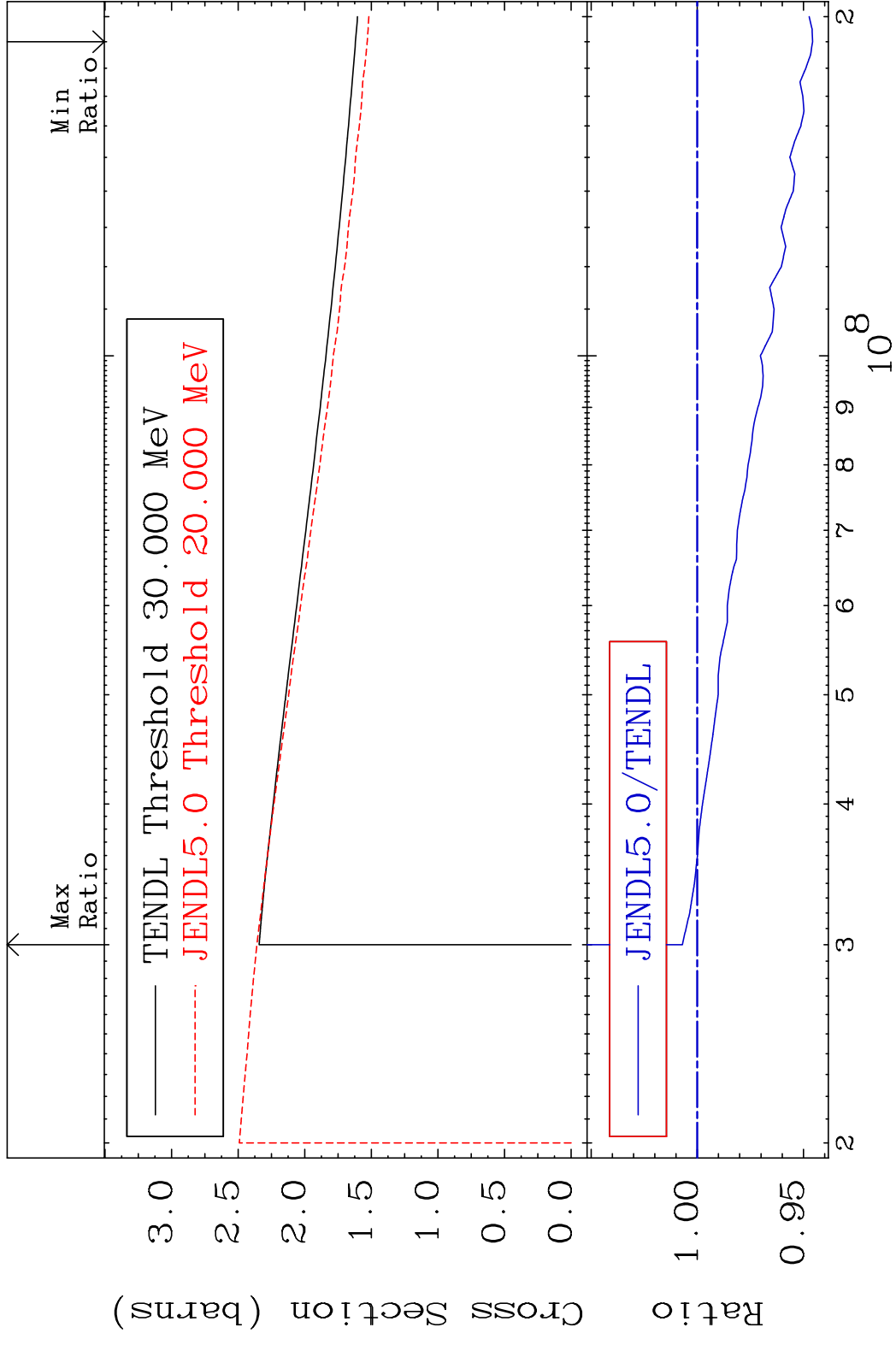
3 Incident Energy (eV) 73-Ta-181

MAT 7328

(n, remainder)

73-Ta-181

Cross Section -5.430 To 0.703 %

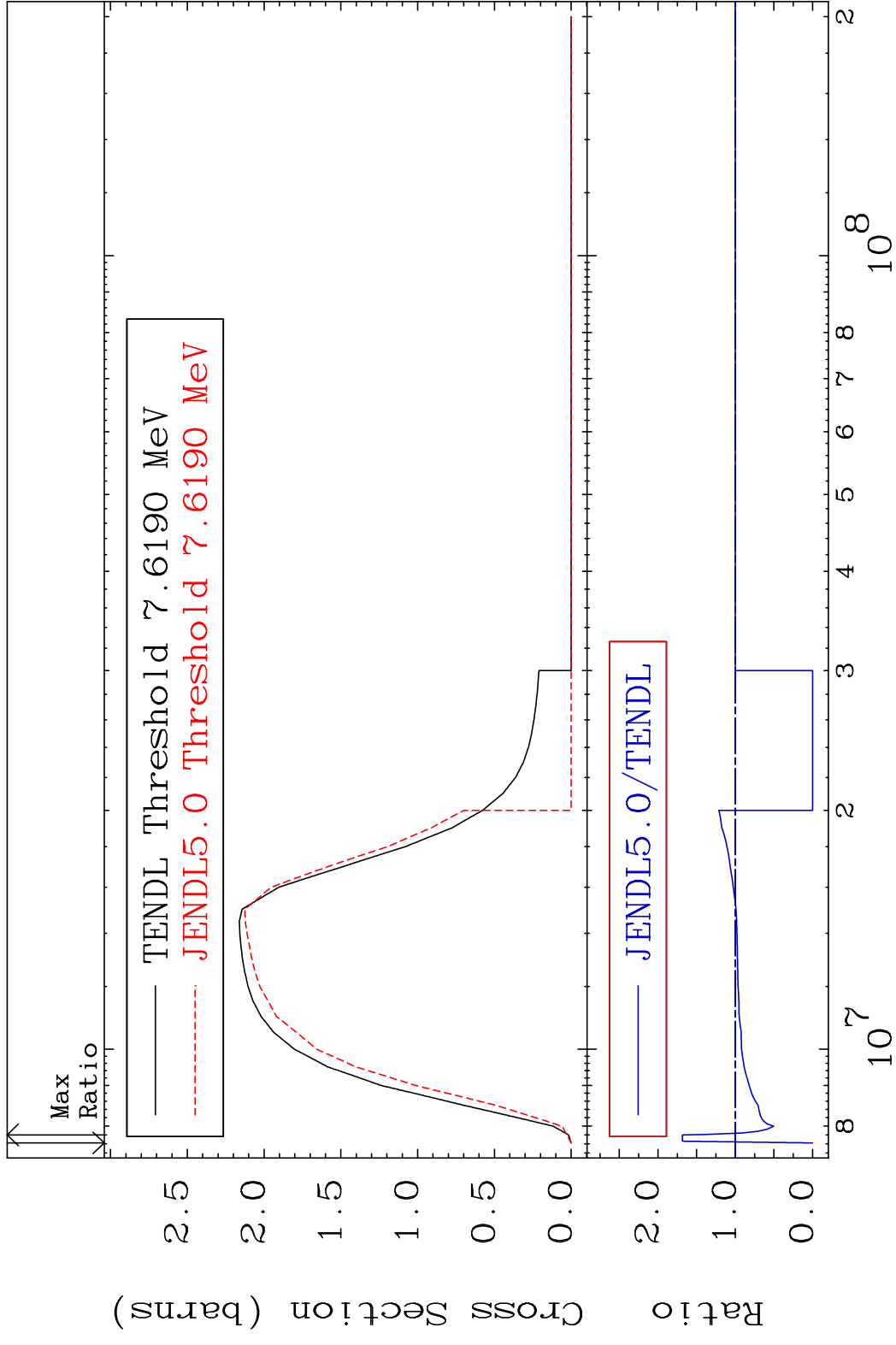


4

Incident Energy (eV)

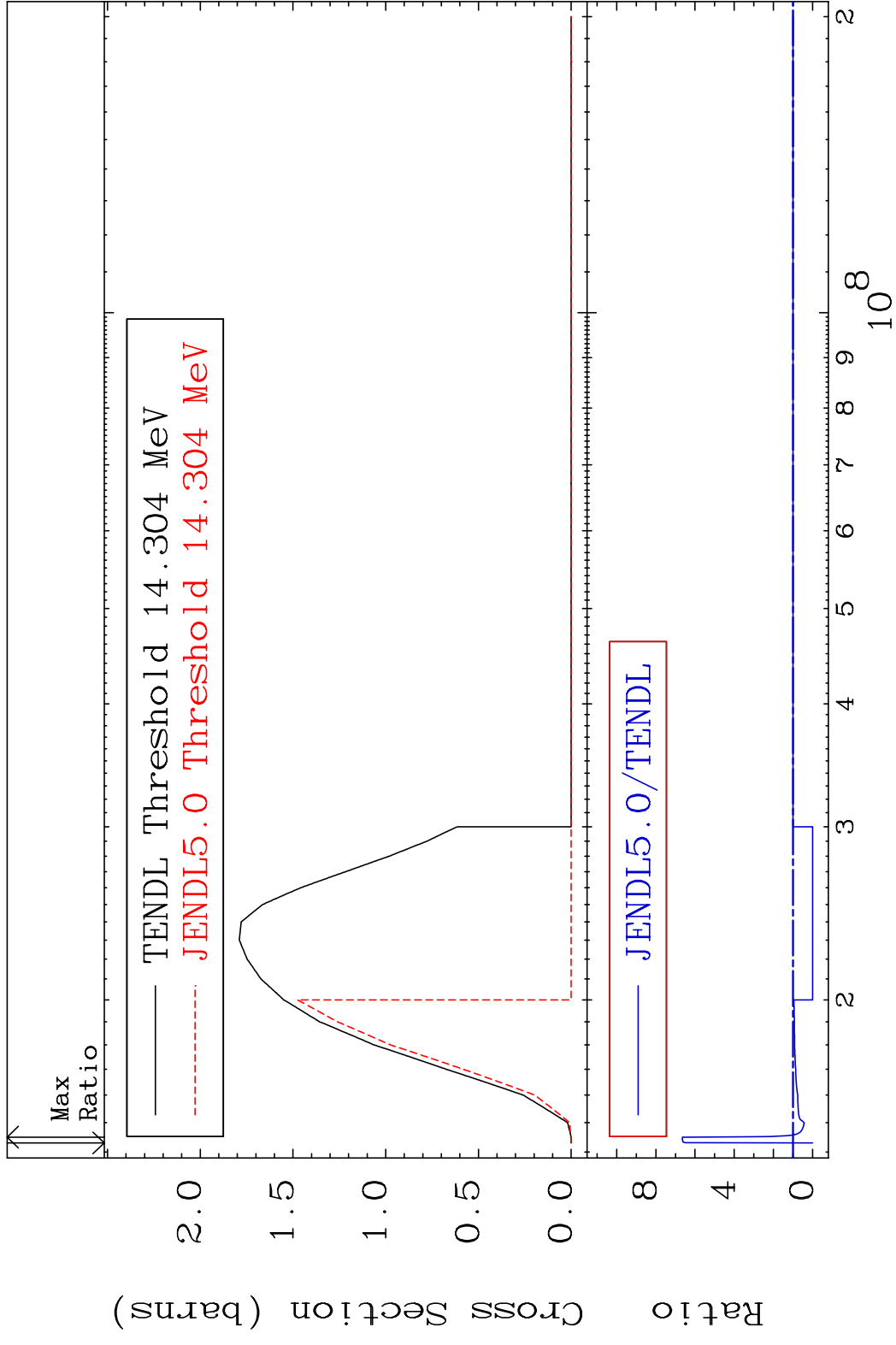
73-Ta-181

MAT 7328 (n,2n) 73-Ta-181
 Cross Section -100.0 To 68.46 %



5 Incident Energy (eV) 73-Ta-181

MAT 7328 (n,3n) 73-Ta-181
 Cross Section -100.0 To 564.8 %

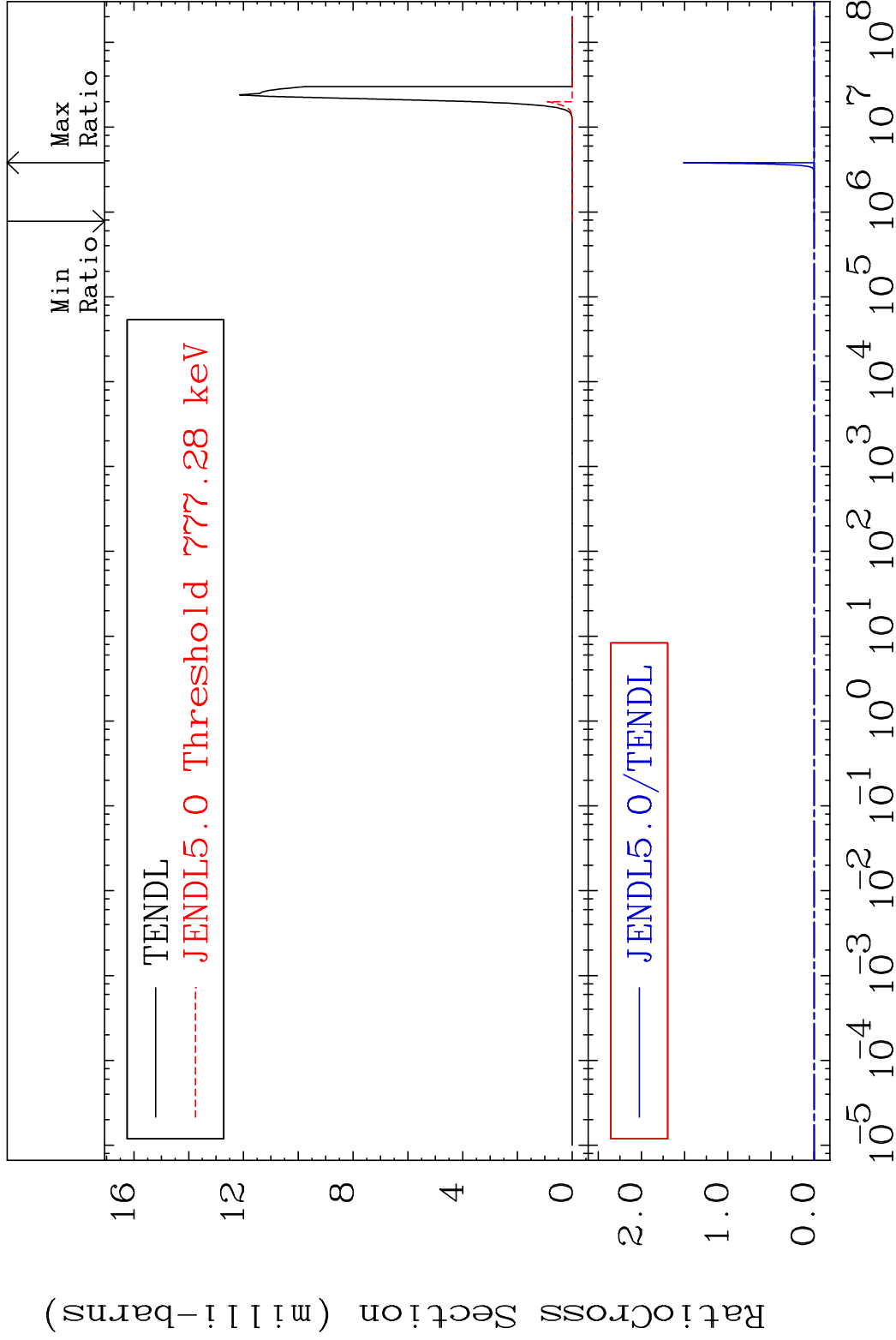


MAT 7328

(n, n') α

73-Ta-181

Cross Section -100.0 To 9999. %

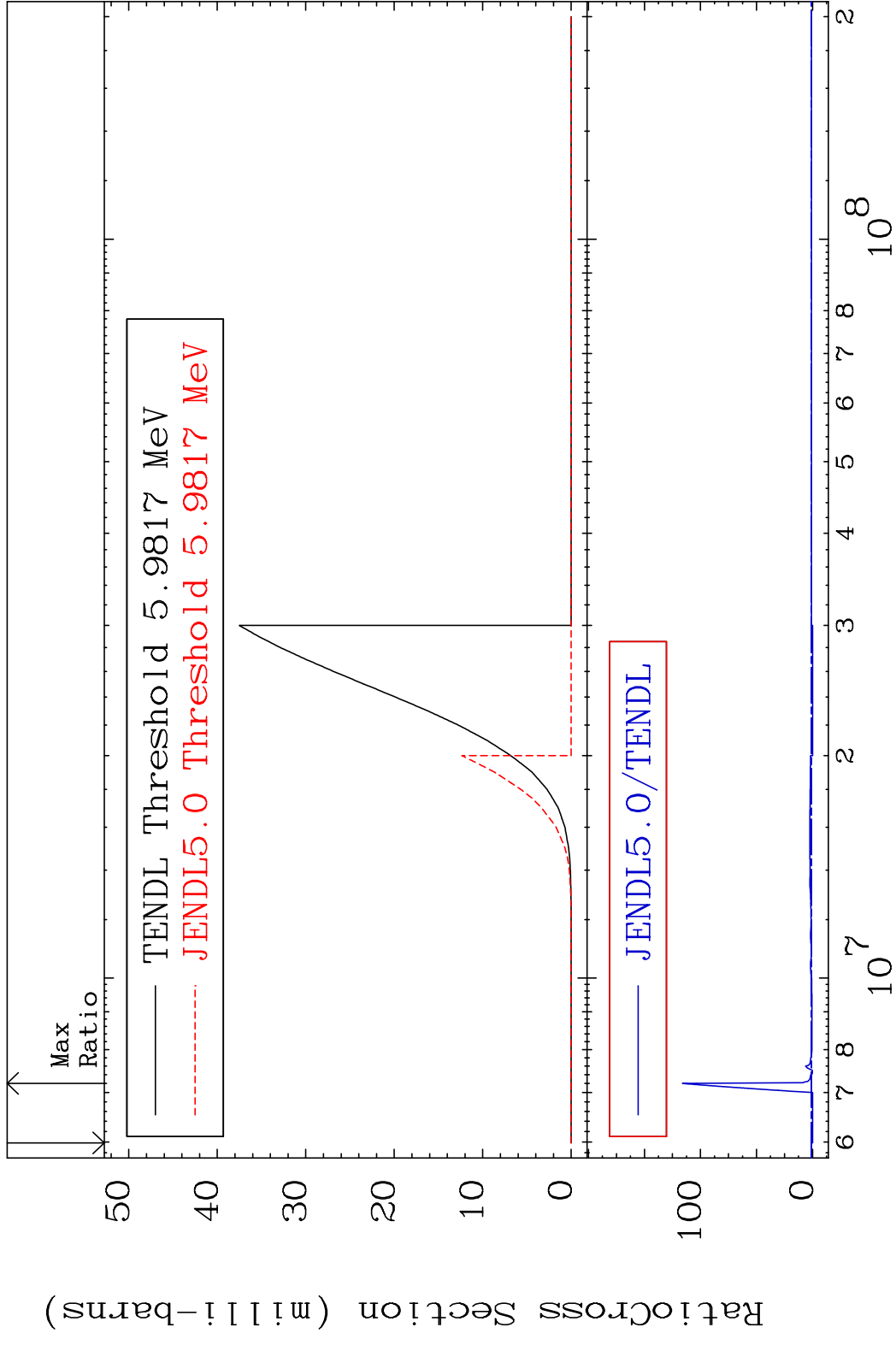


7

Incident Energy (eV)

73-Ta-181

MAT 7328 (n, n') p 73-Ta-181
 Cross Section -100.0 To 9999. %

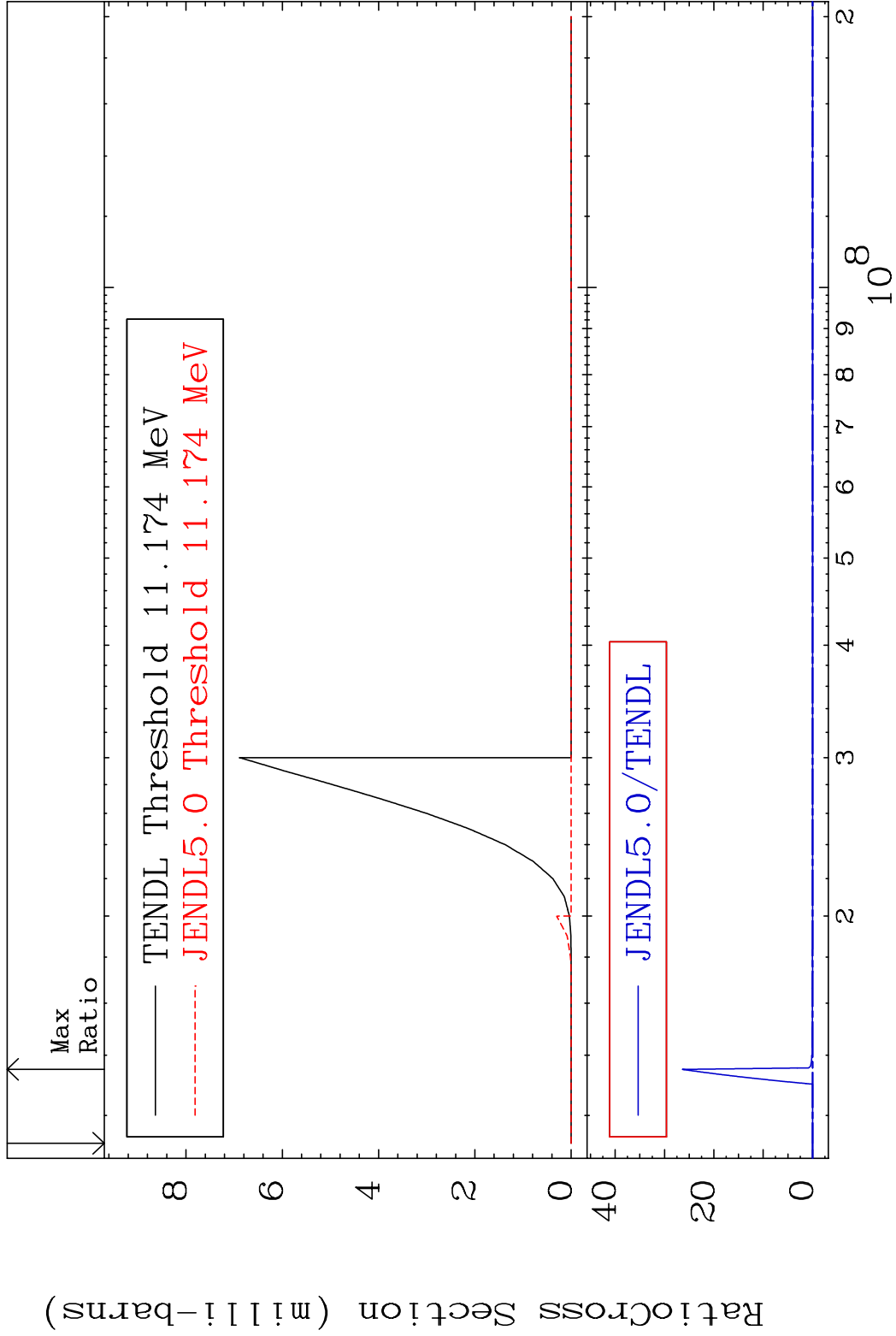


MAT 7328

(n, n') d

73-Ta-181

Cross Section -100.0 To 9999. %

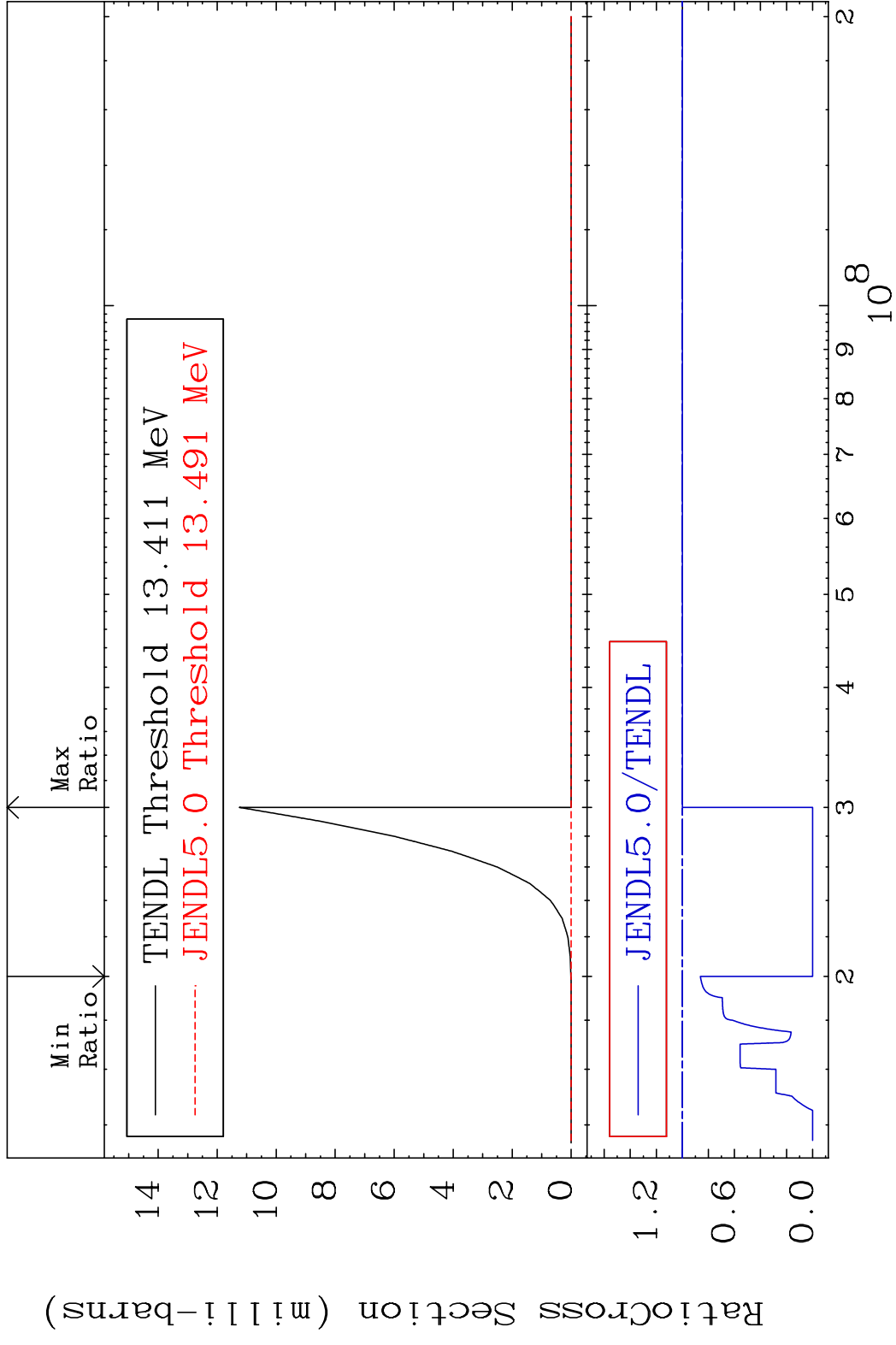


9

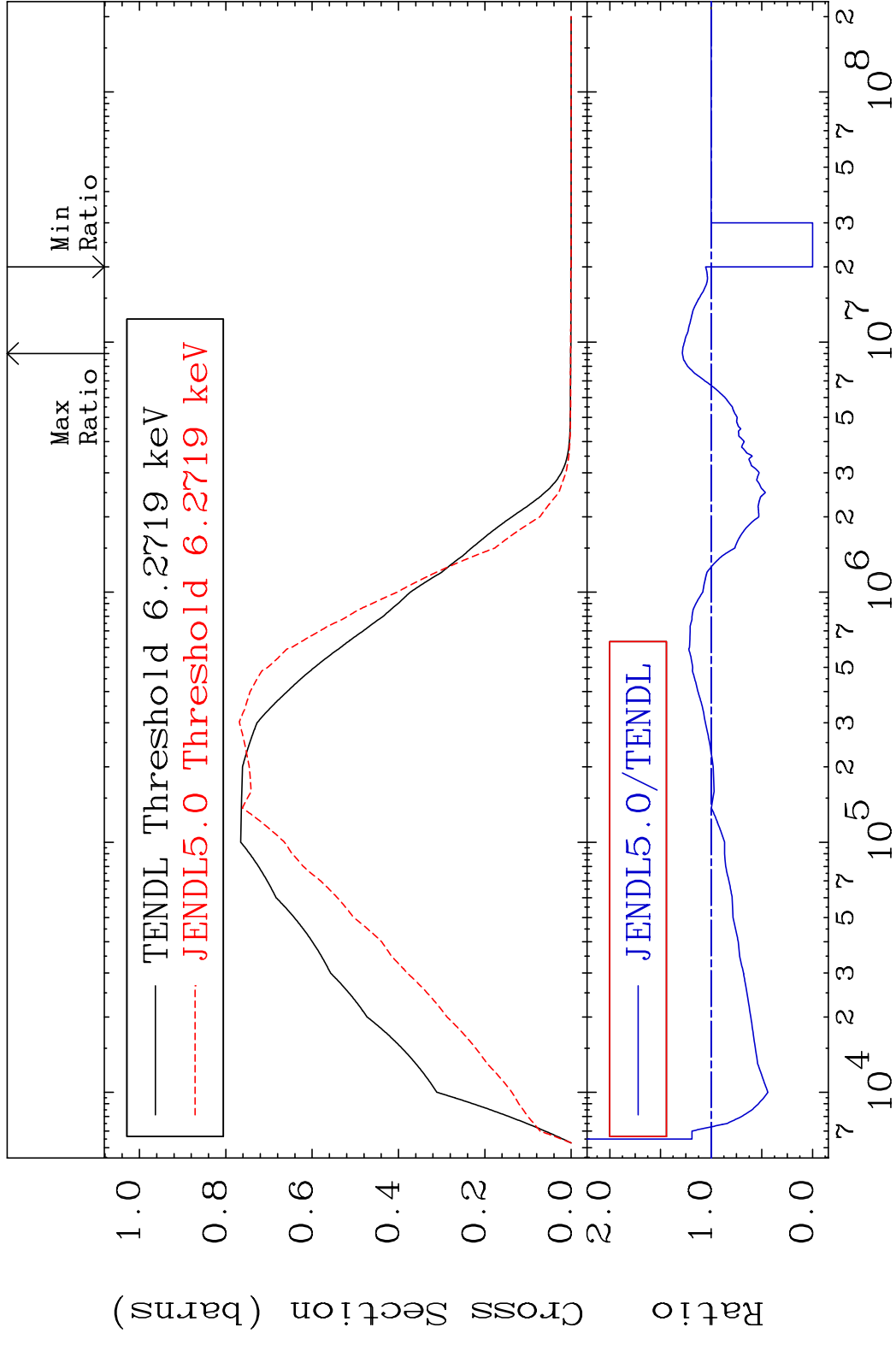
Incident Energy (eV)

73-Ta-181

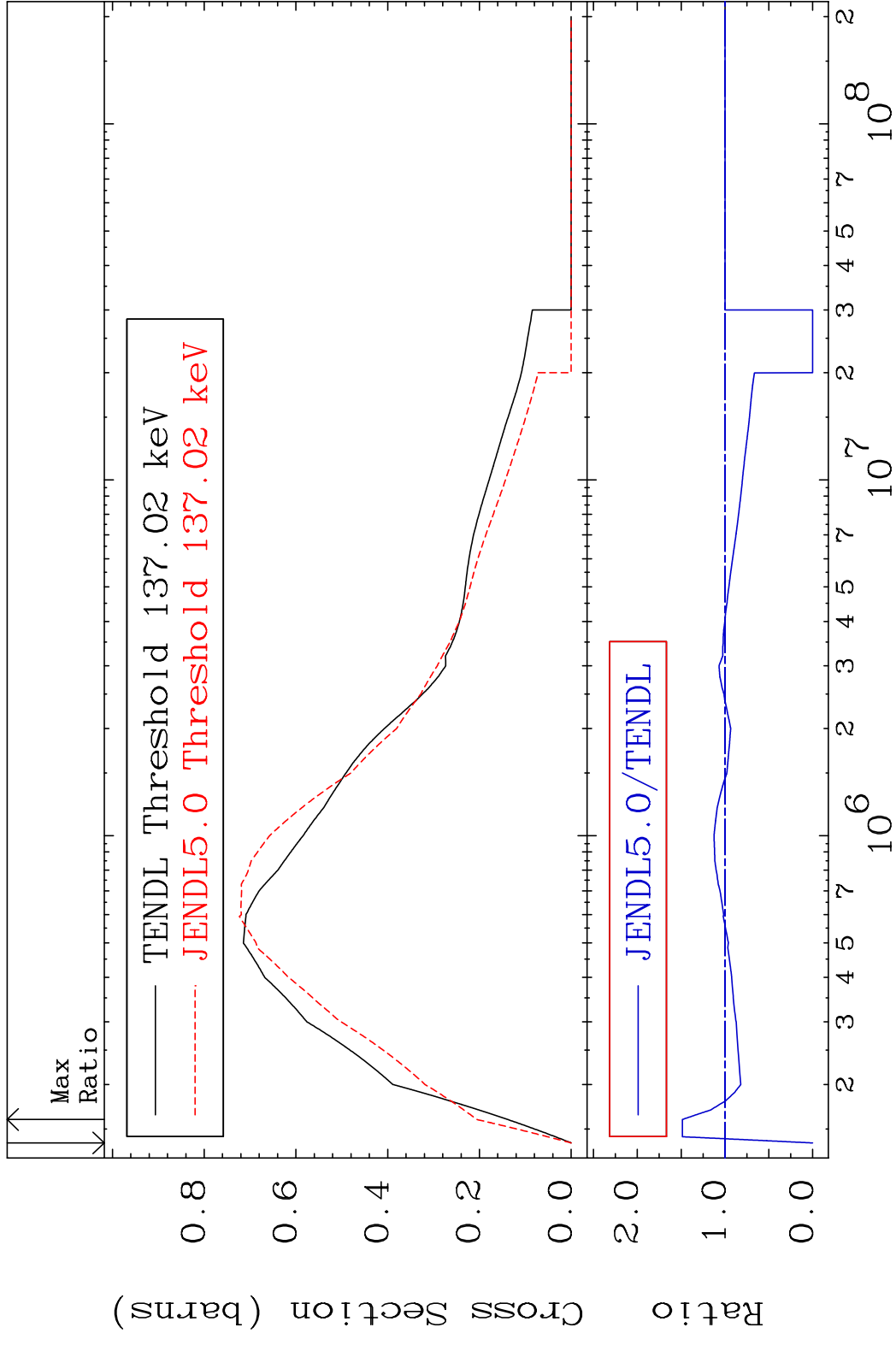
MAT 7328 (n,2n) p 73-Ta-181
 Cross Section -100.0 To 0.000 %



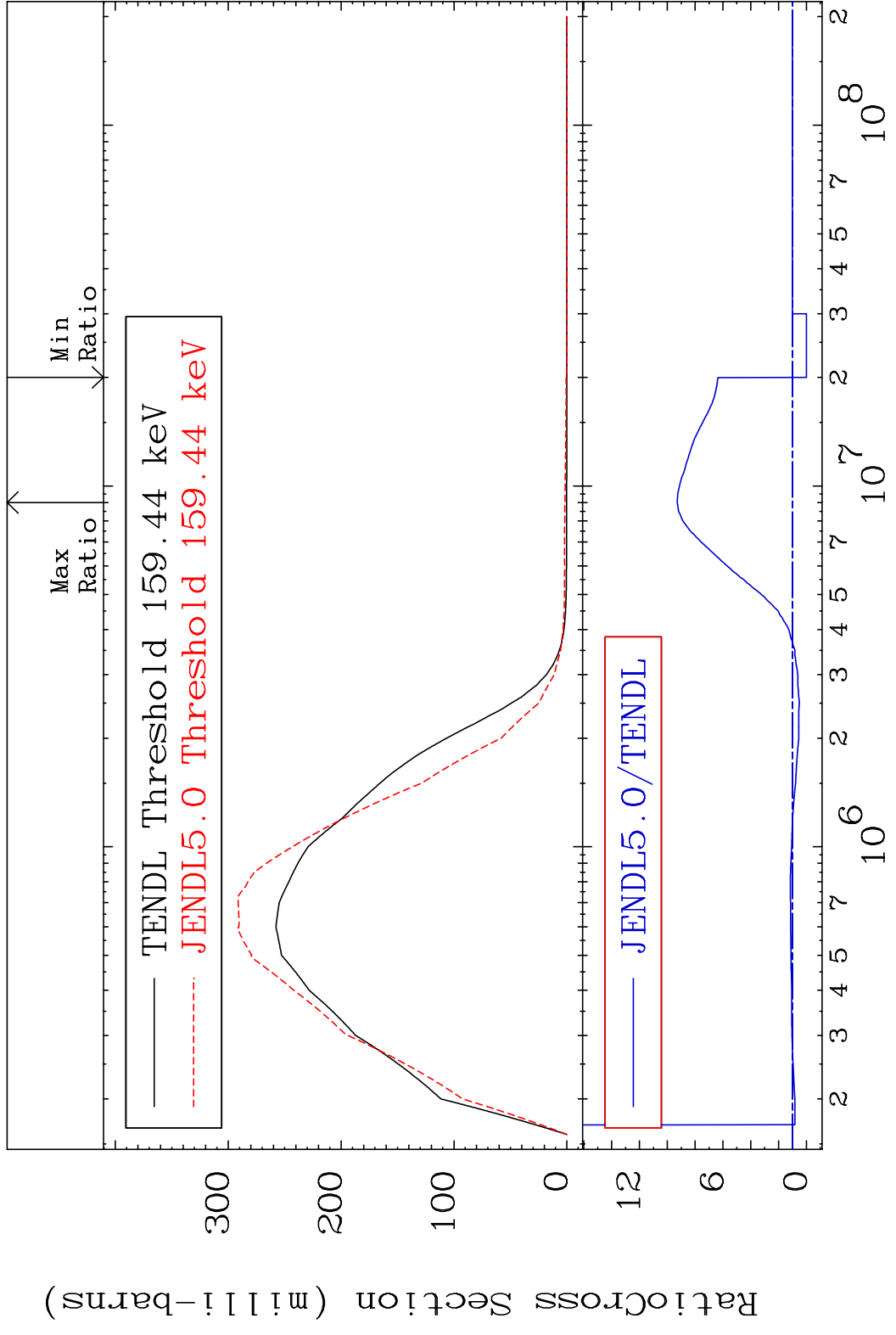
MAT 7328 MT= 51 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 28.41 %



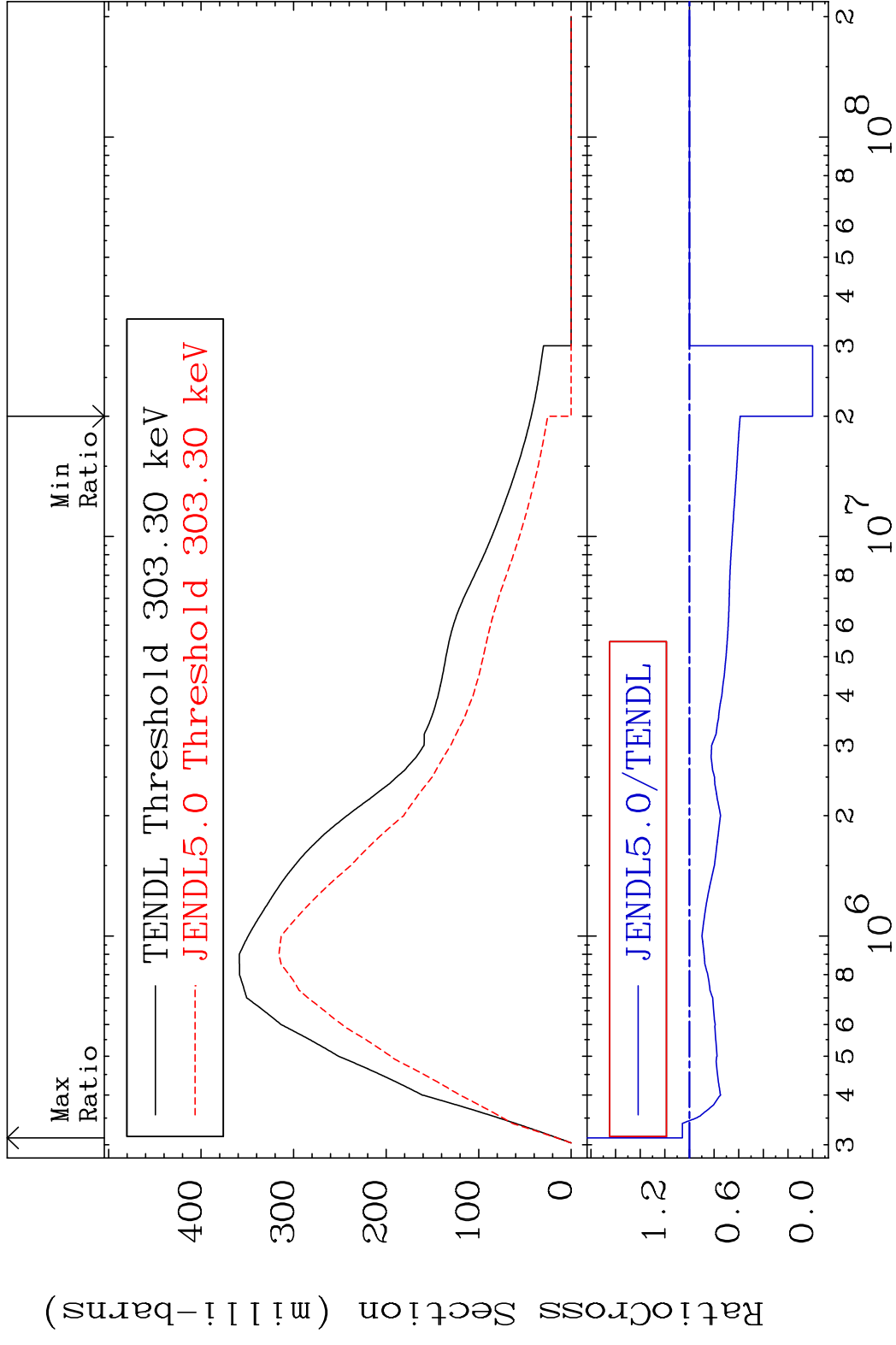
MAT 7328 MT= 52 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 48.61 %



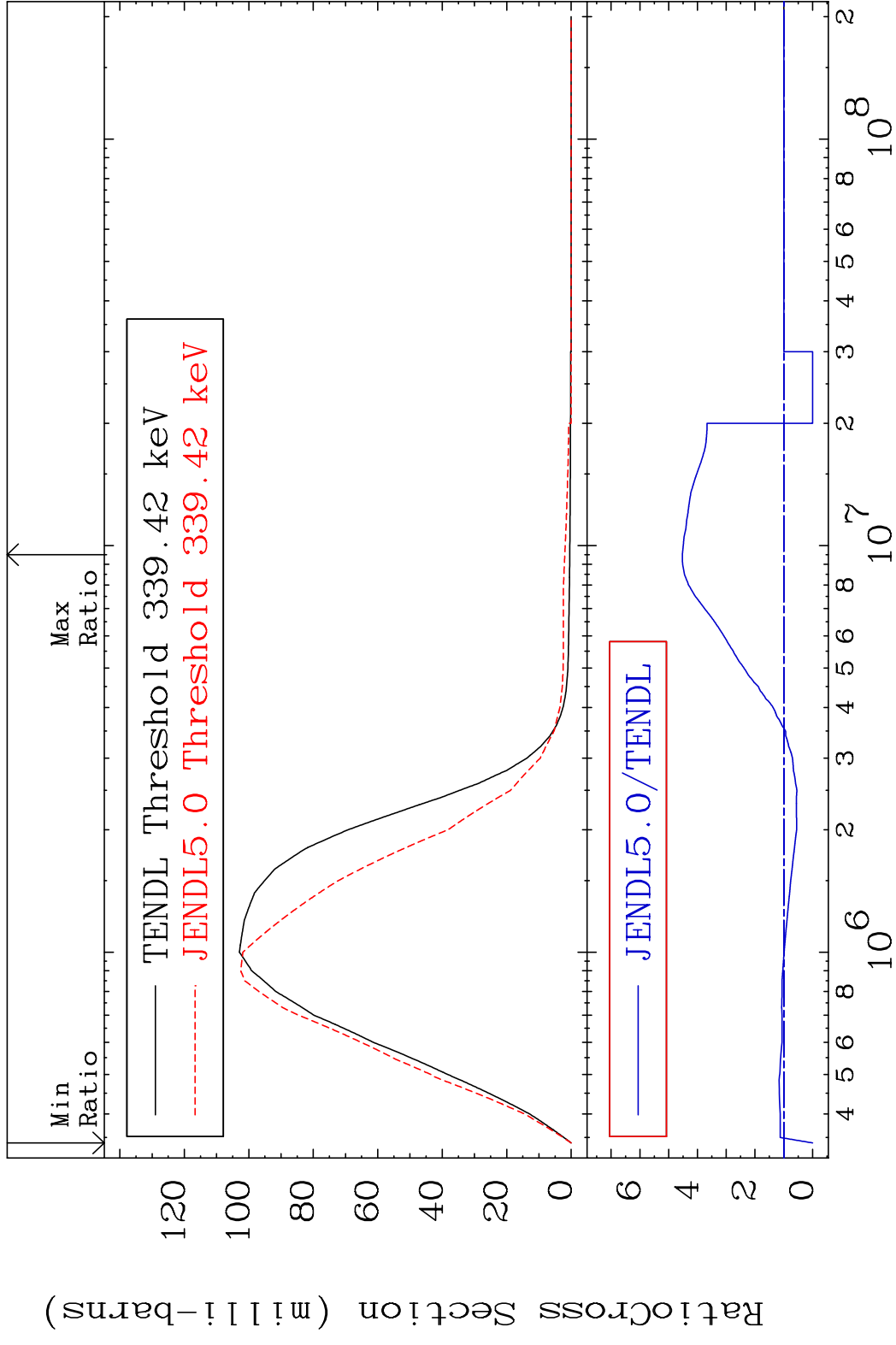
MAT 7328 MT= 53 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 829.0 %



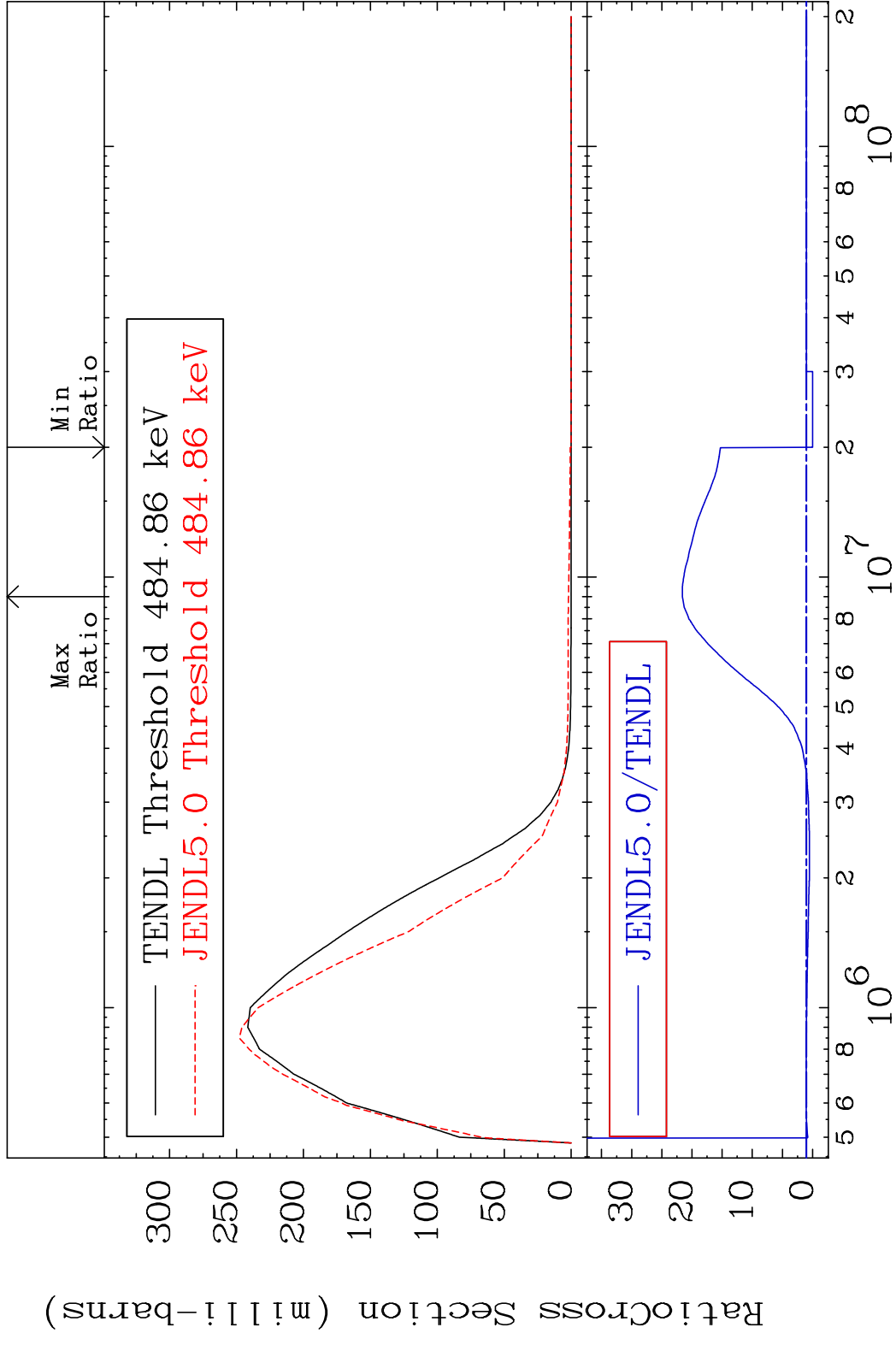
MAT 7328 MT= 54 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 5.699 %



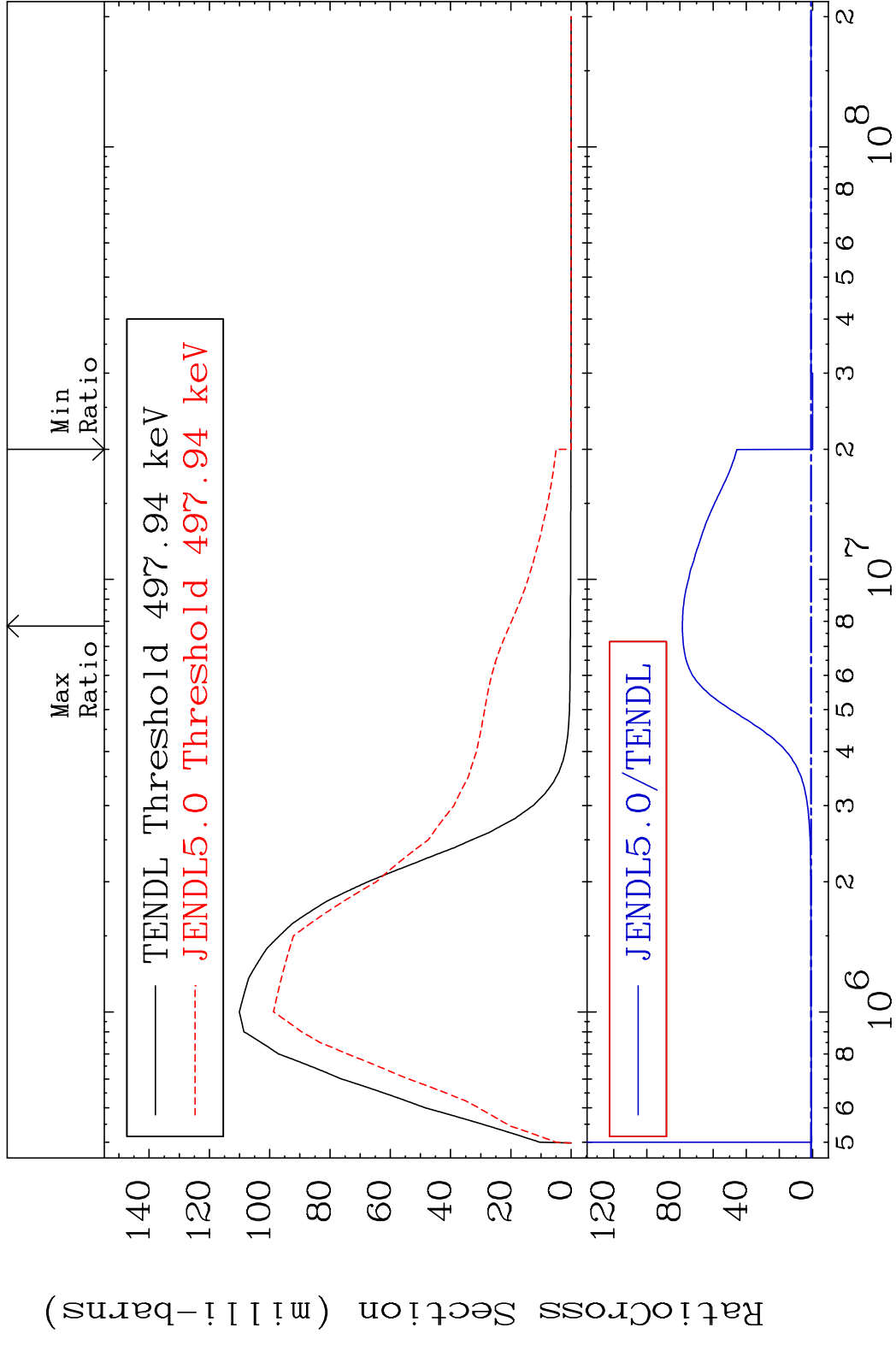
MAT 7328 MT= 55 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 352.4 %



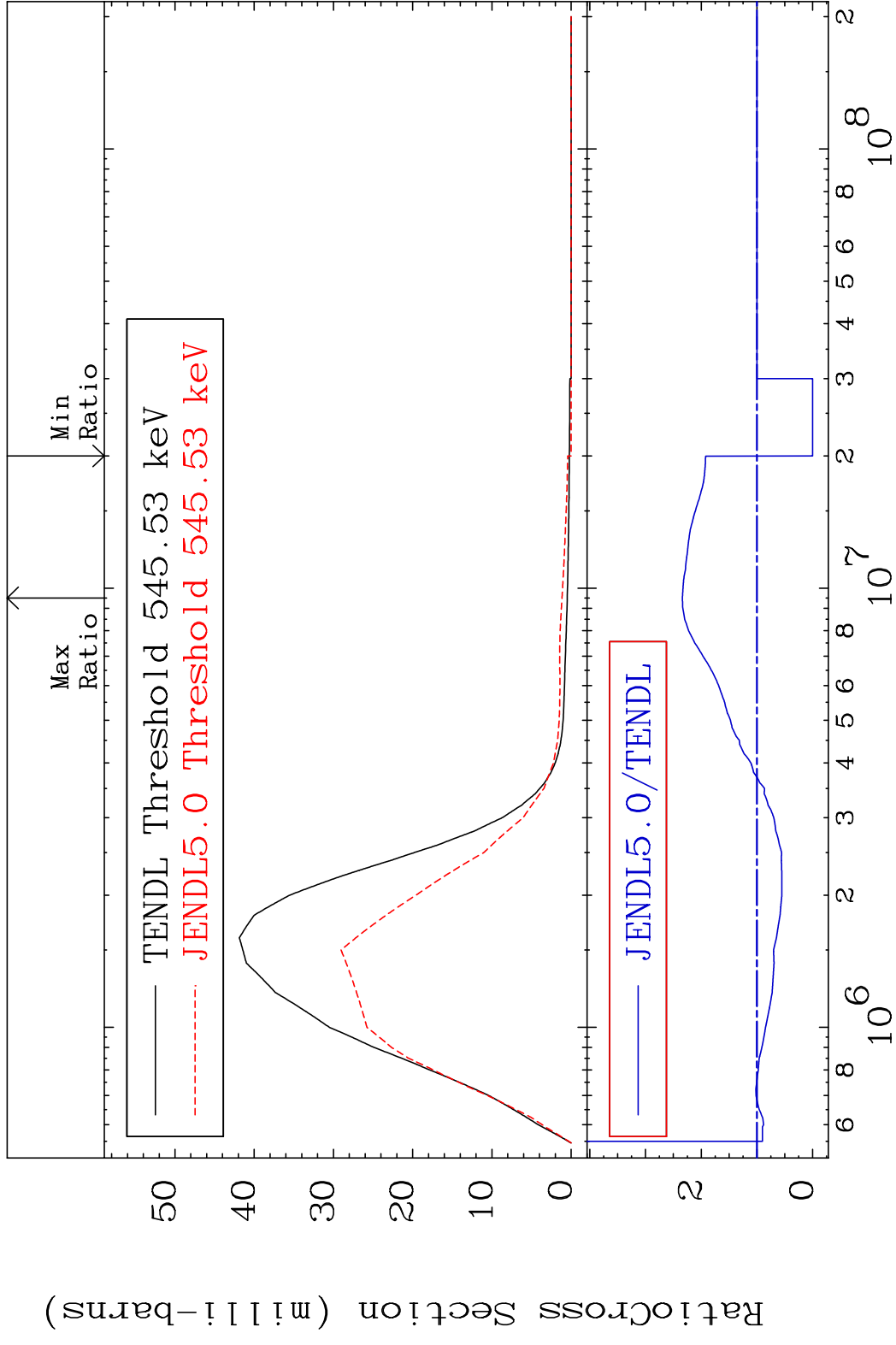
MAT 7328 MT= 56 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 2059. %



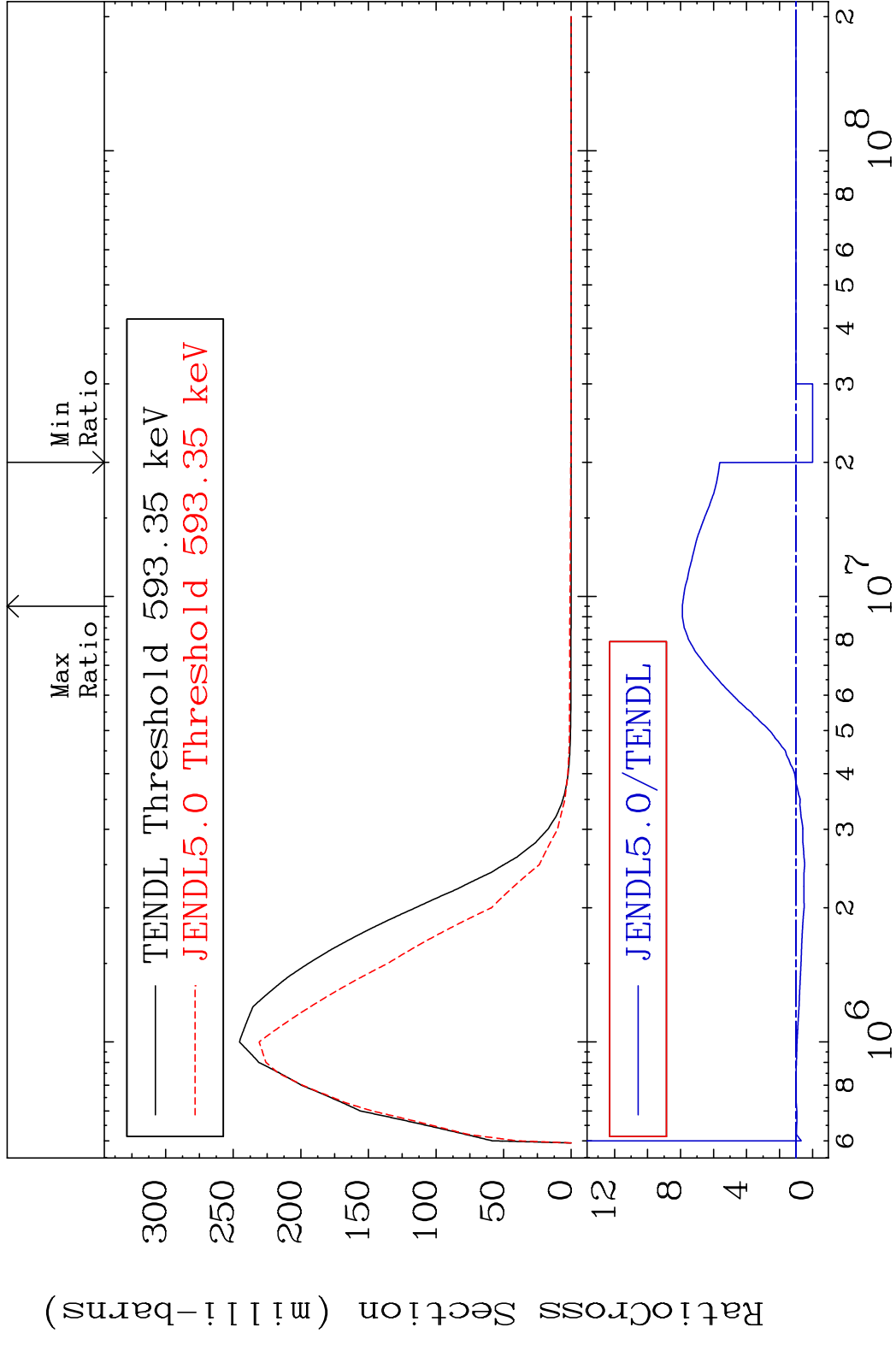
MAT 7328 MT= 57 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 7755. %



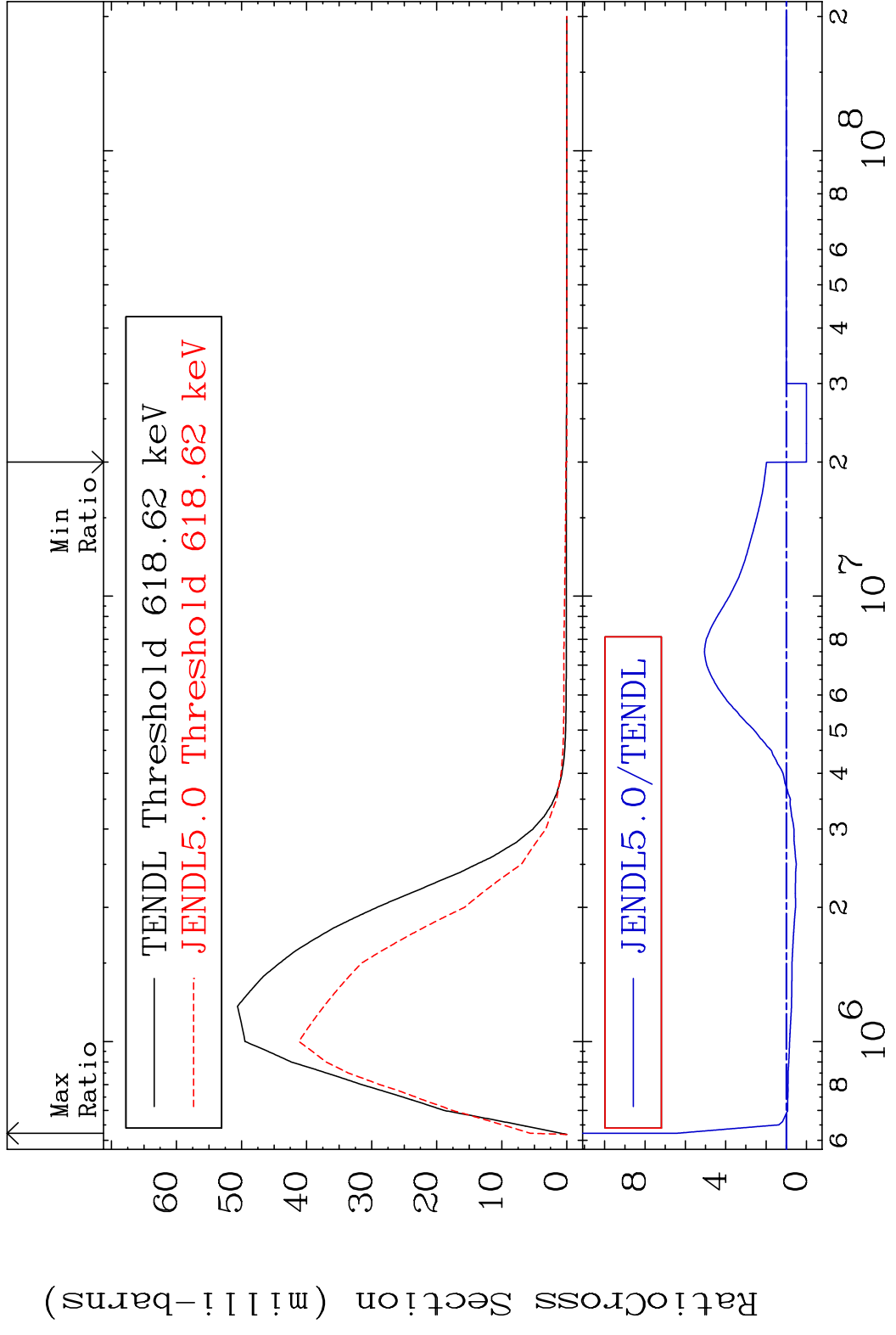
MAT 7328 MT= 58 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 133.9 %



MAT 7328 MT= 59 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 689.1 %

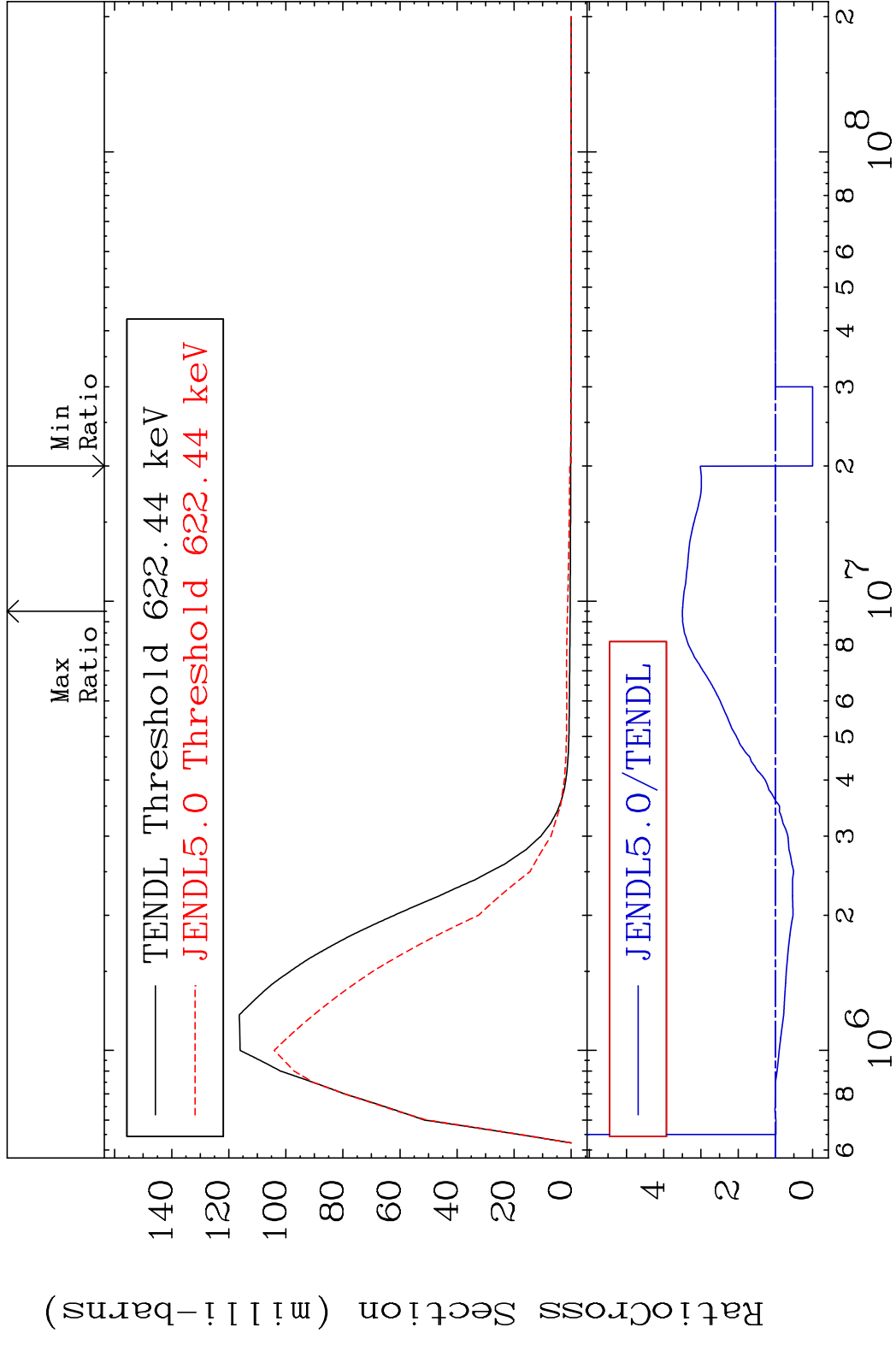


MAT 7328 MT= 60 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 540.6 %

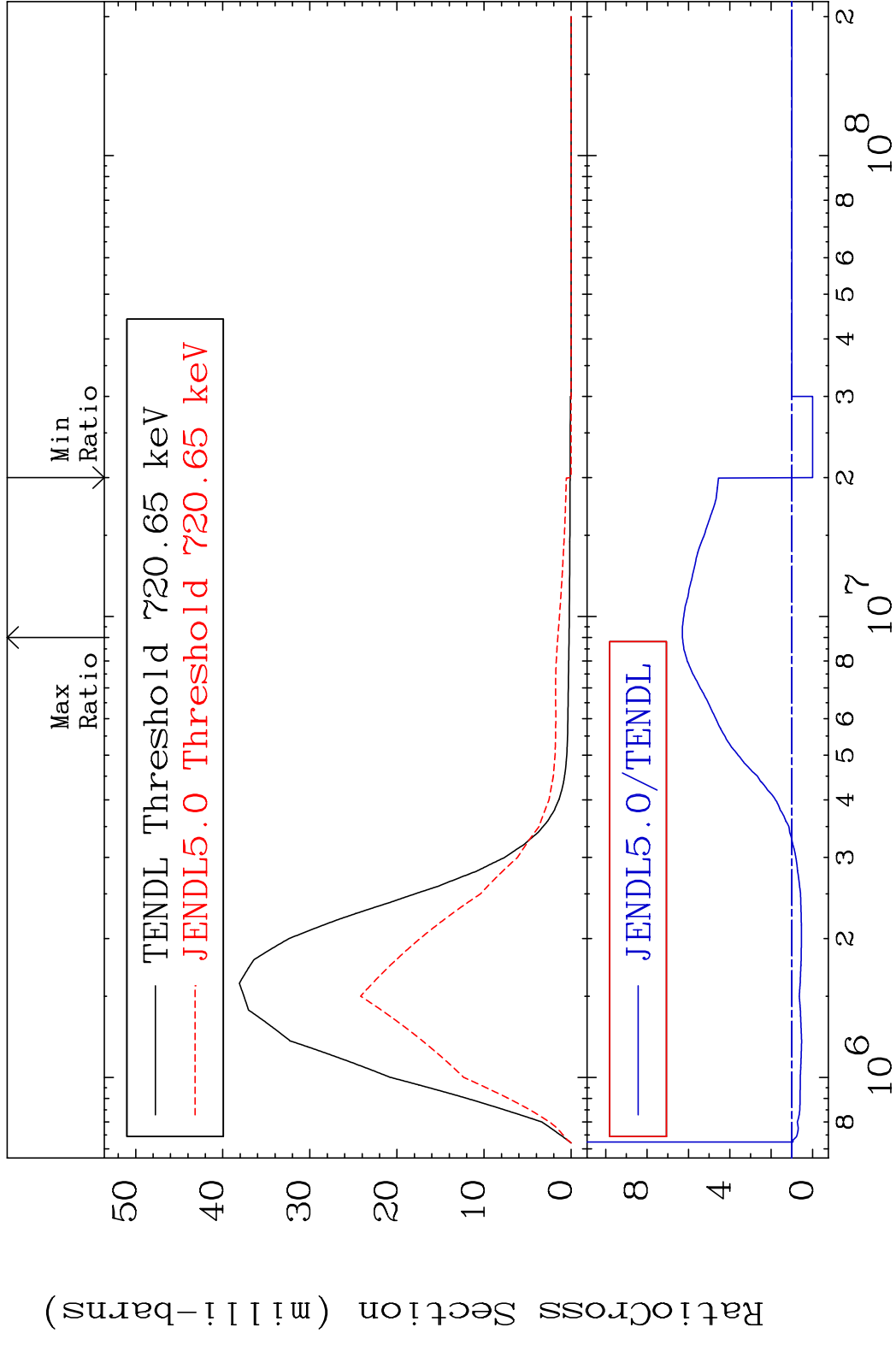


20 Incident Energy (eV) 73-Ta-181

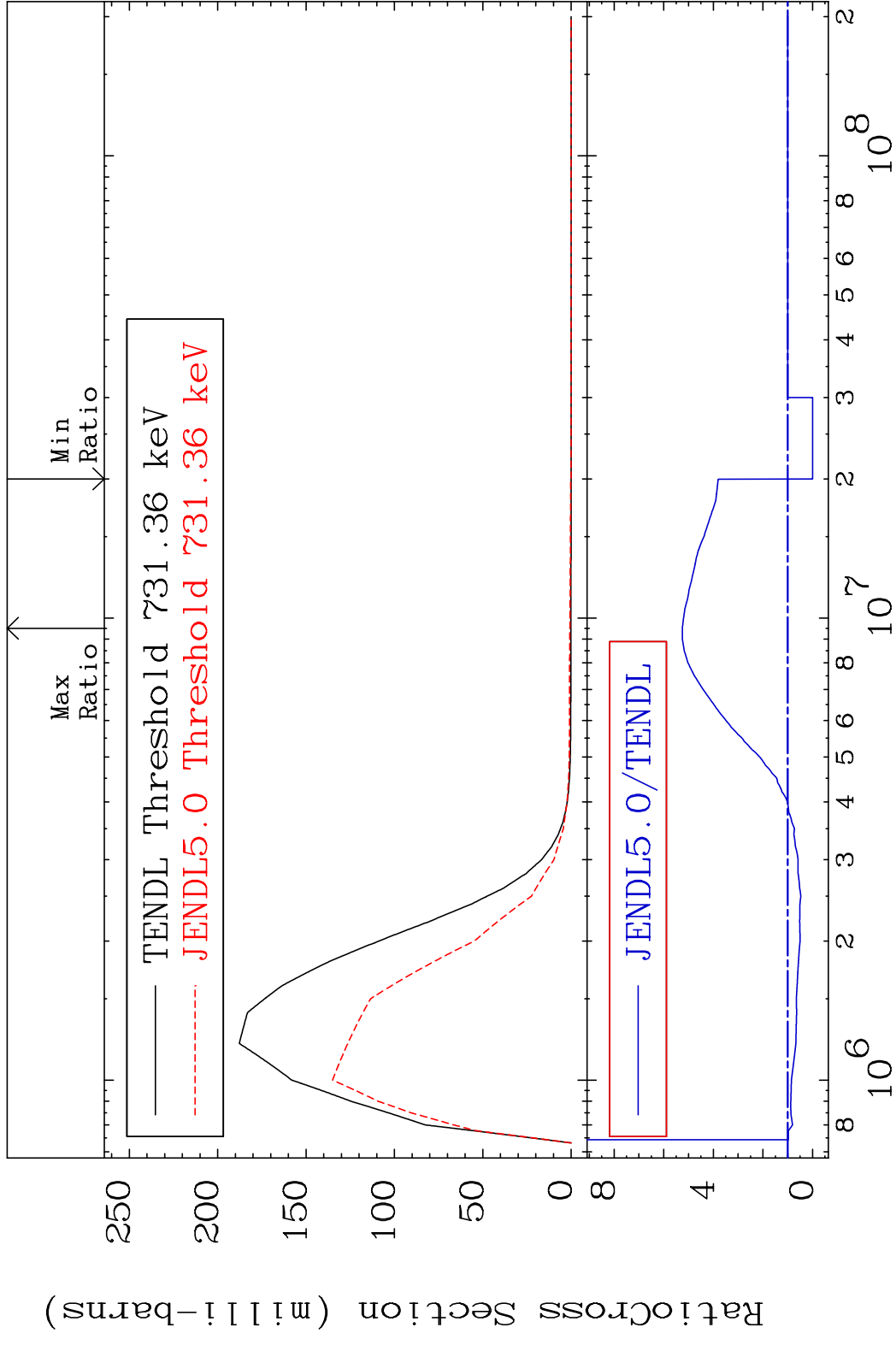
MAT 7328 MT= 61 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 250.0 %



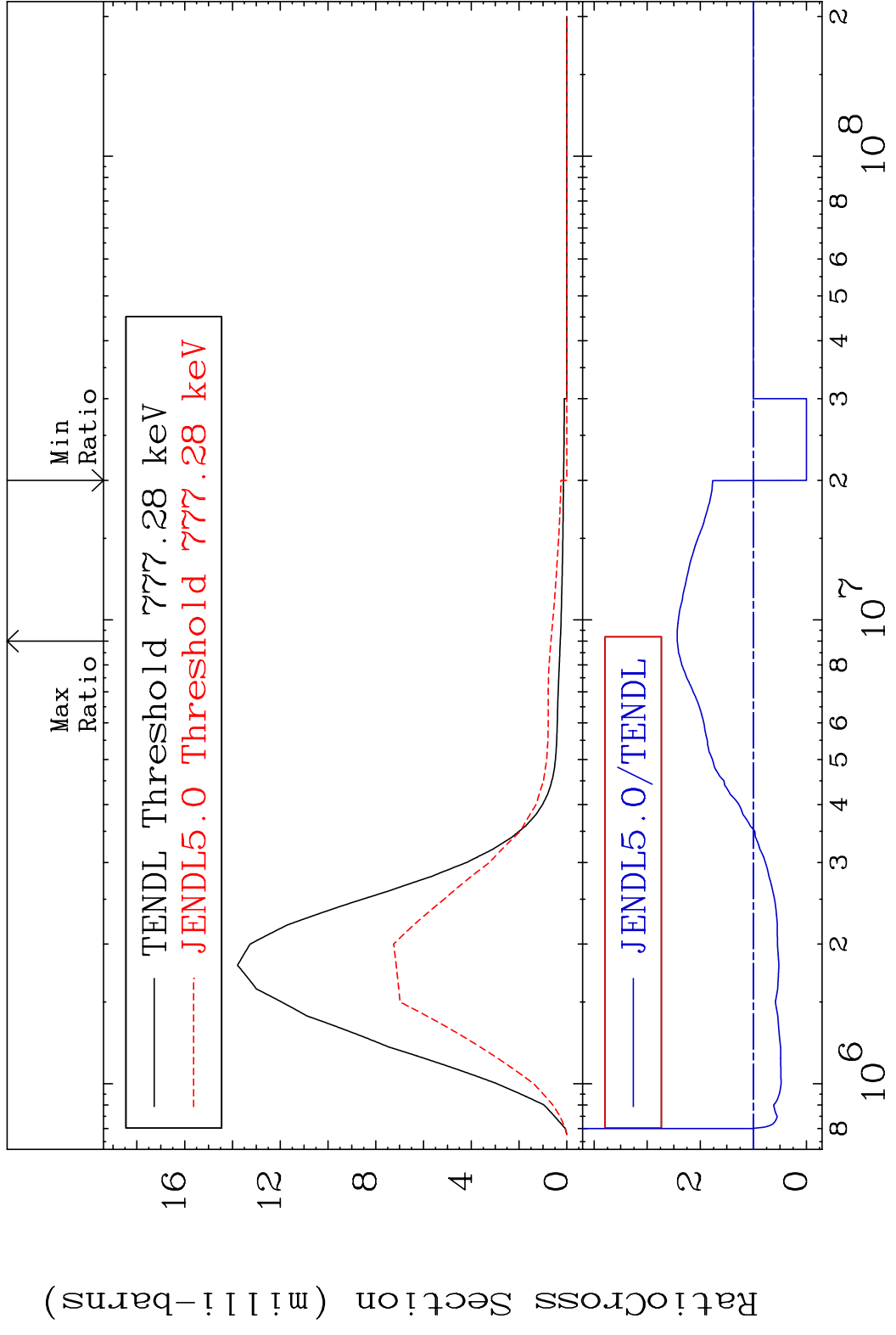
MAT 7328 MT= 62 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 529.4 %



MAT 7328 MT= 63 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 424.9 %



MAT 7328 MT= 64 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 143.5 %

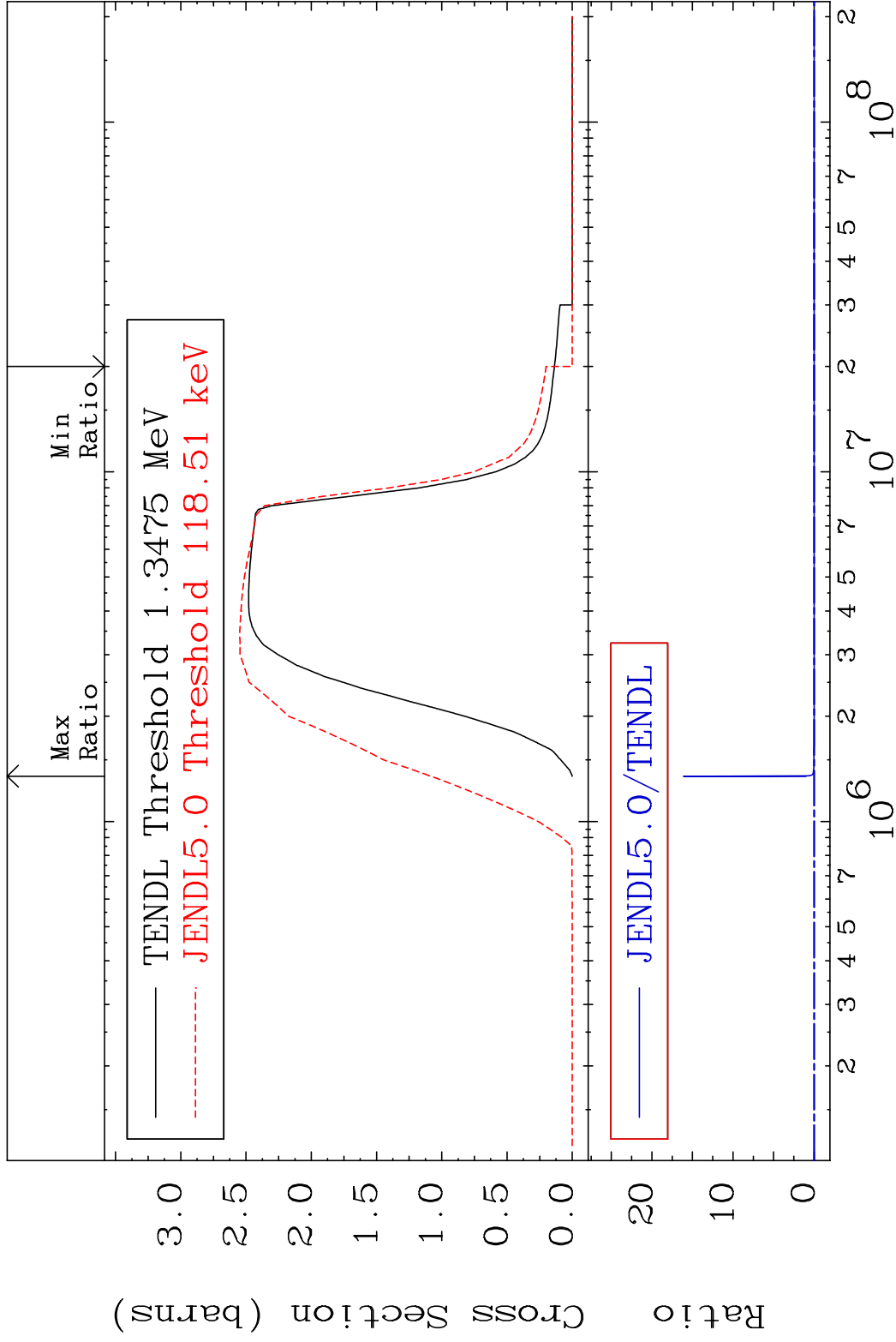


MAT 7328

(n, n') Continuum

73-Ta-181

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

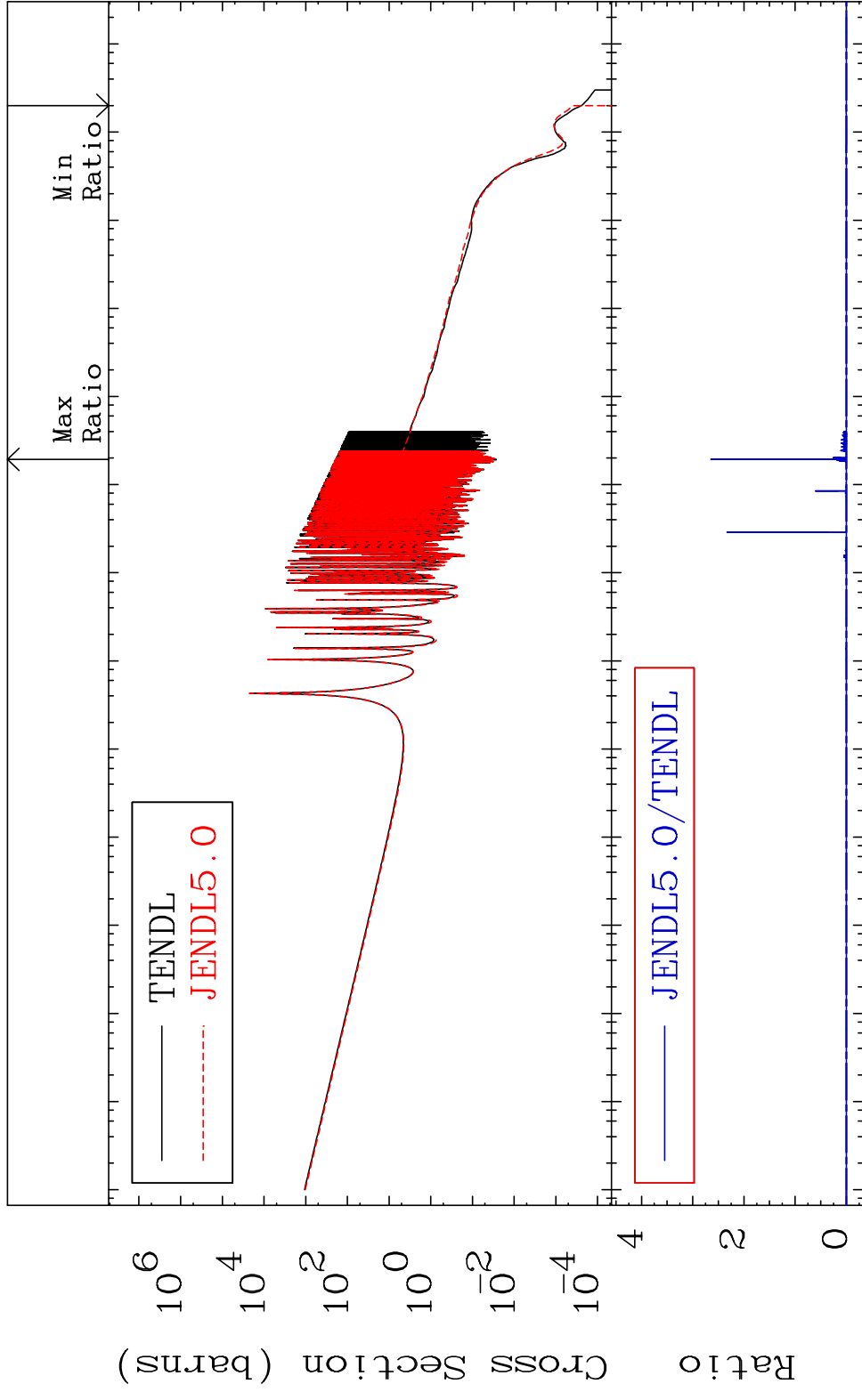
73-Ta-181

MAT 7328

(n, γ)

73-Ta-181

Cross Section -100.0 To 9999. %

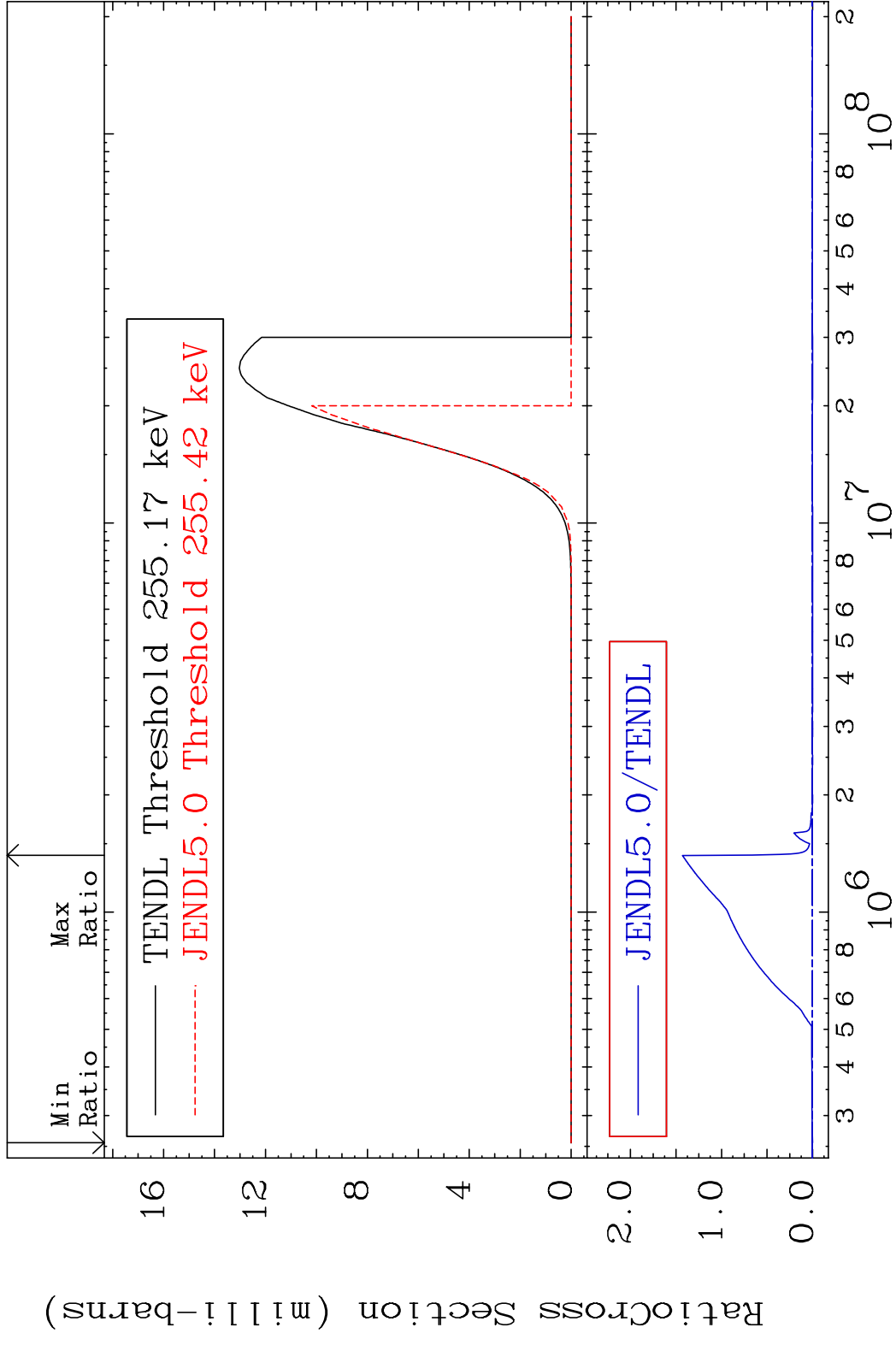


MAT 7328

(n,p)

73-Ta-181

Cross Section -100.0 To 9999. %

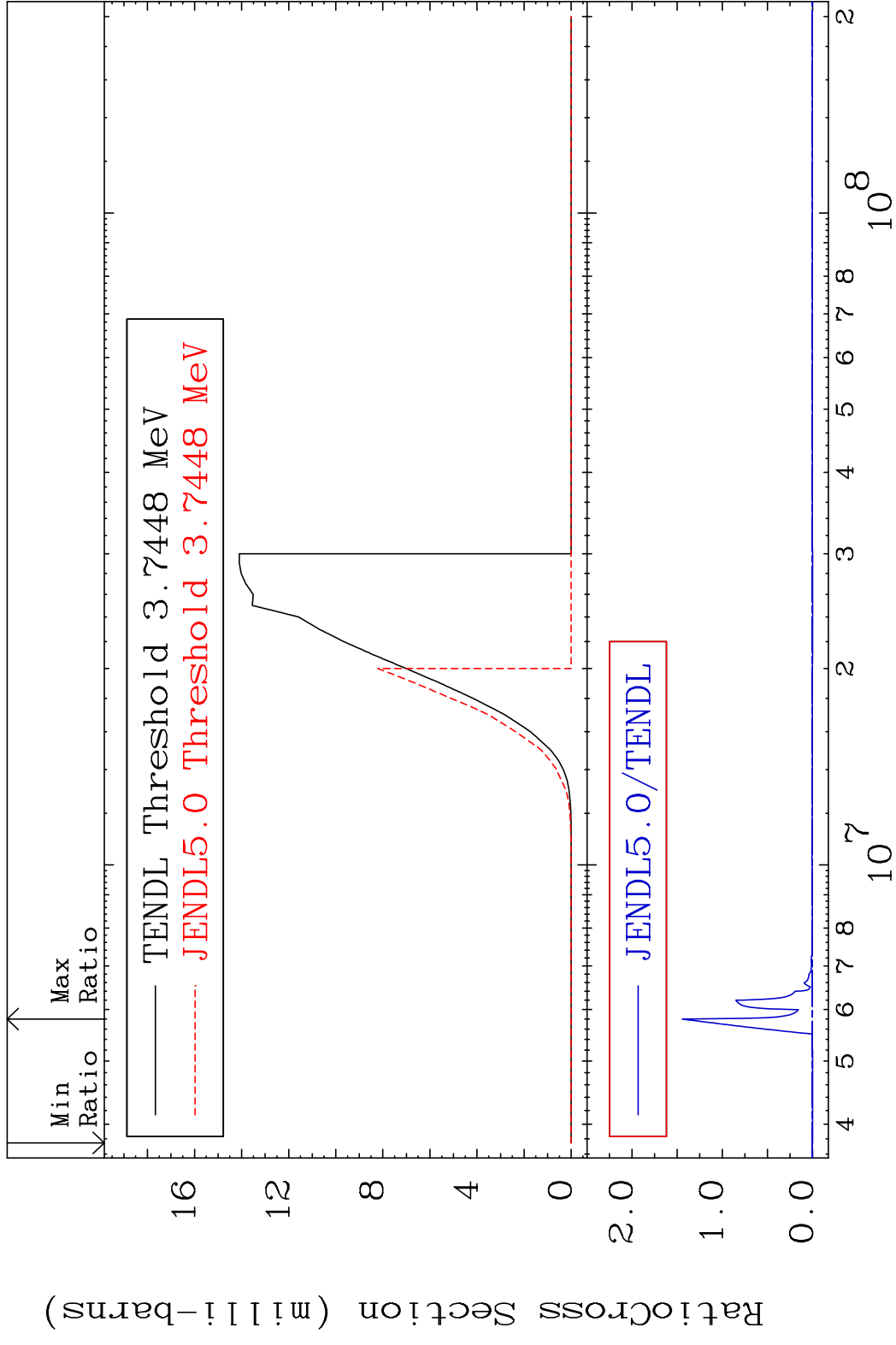


MAT 7328

(n,d)

73-Ta-181

Cross Section -100.0 To 9999. %

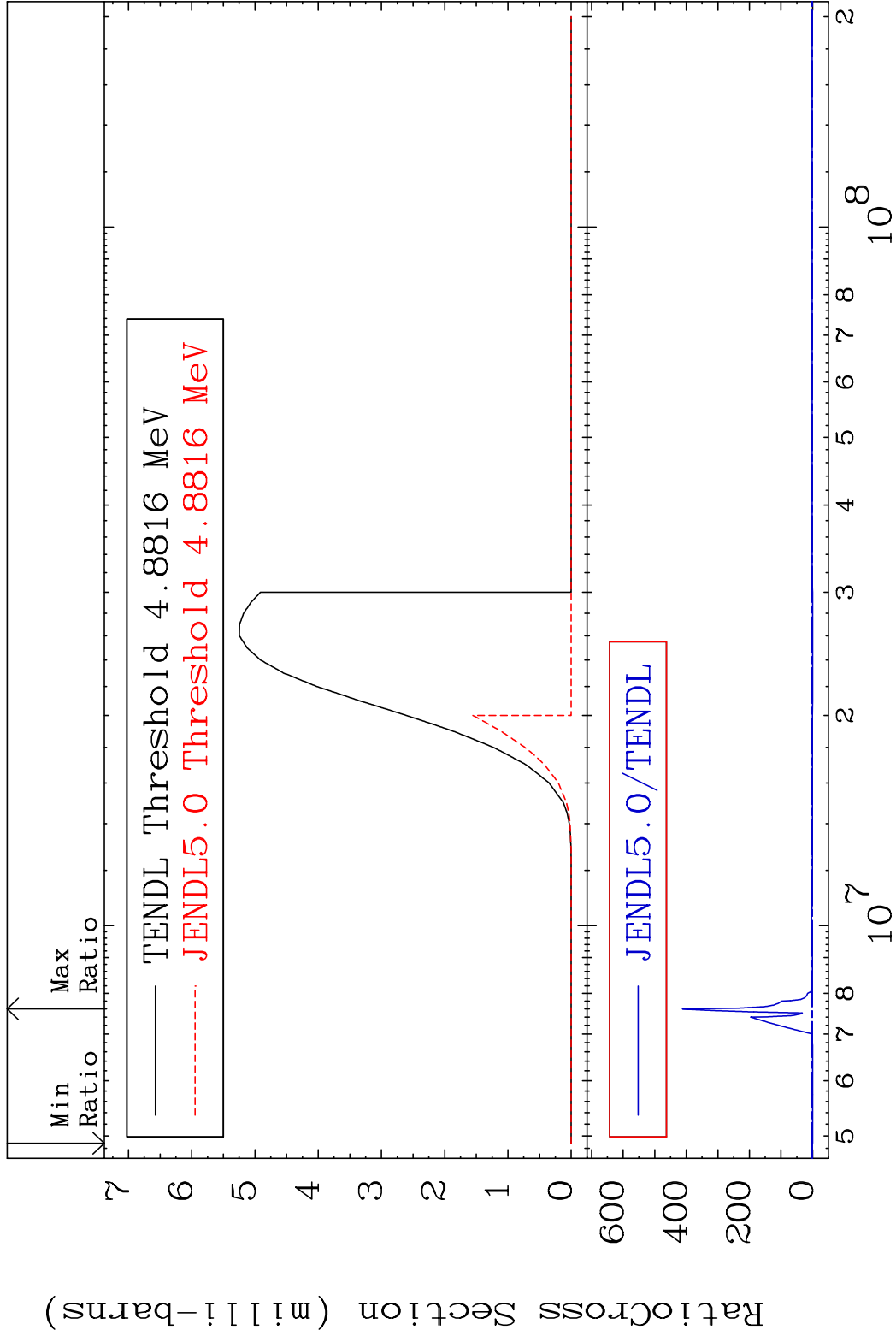


MAT 7328

(n, t)

73-Ta-181

Cross Section -100.0 To 9999. %

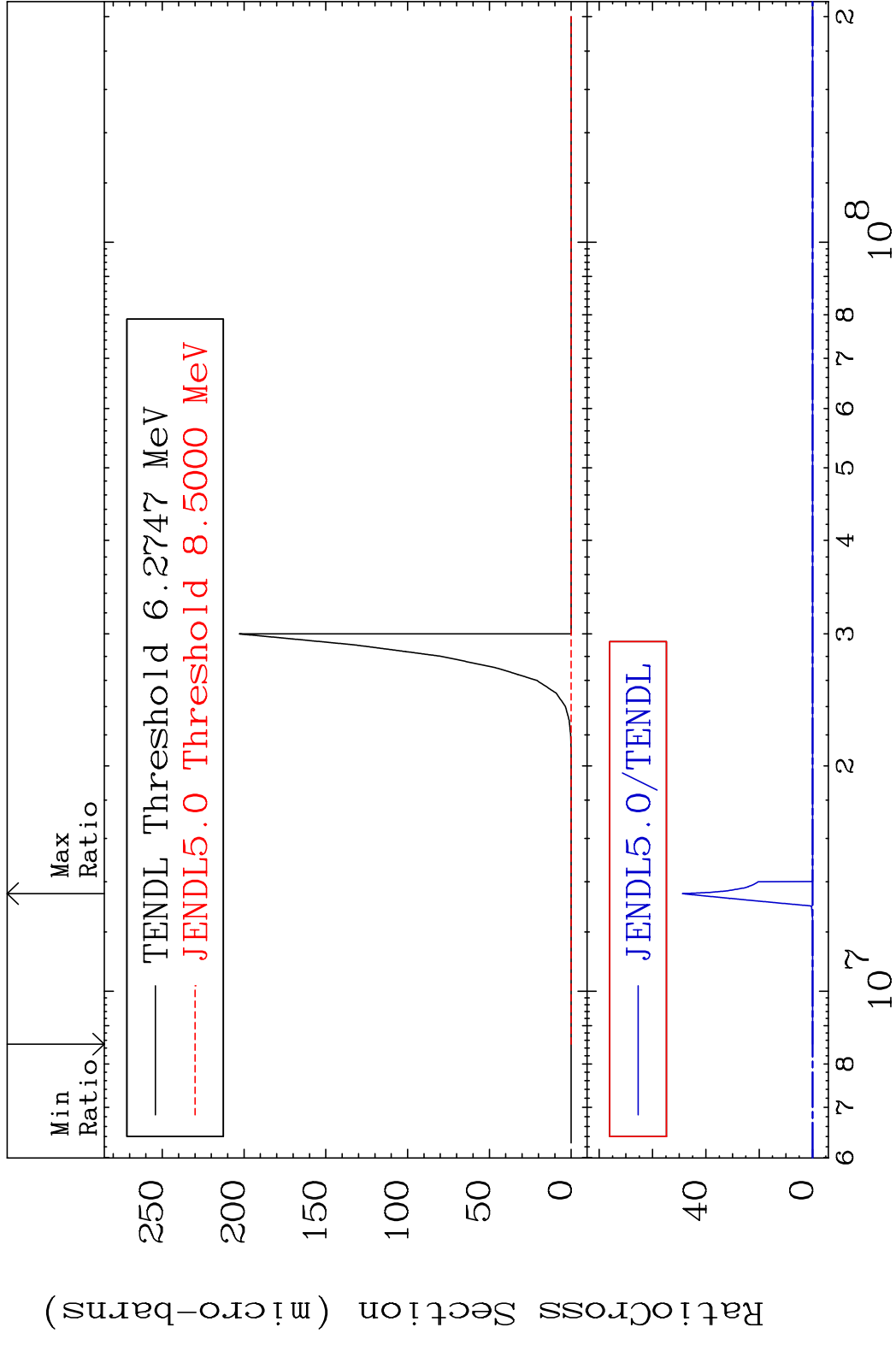


29

Incident Energy (eV)

73-Ta-181

MAT 7328 (n, He-3) 73-Ta-181
 Cross Section -100.0 To 9999. %



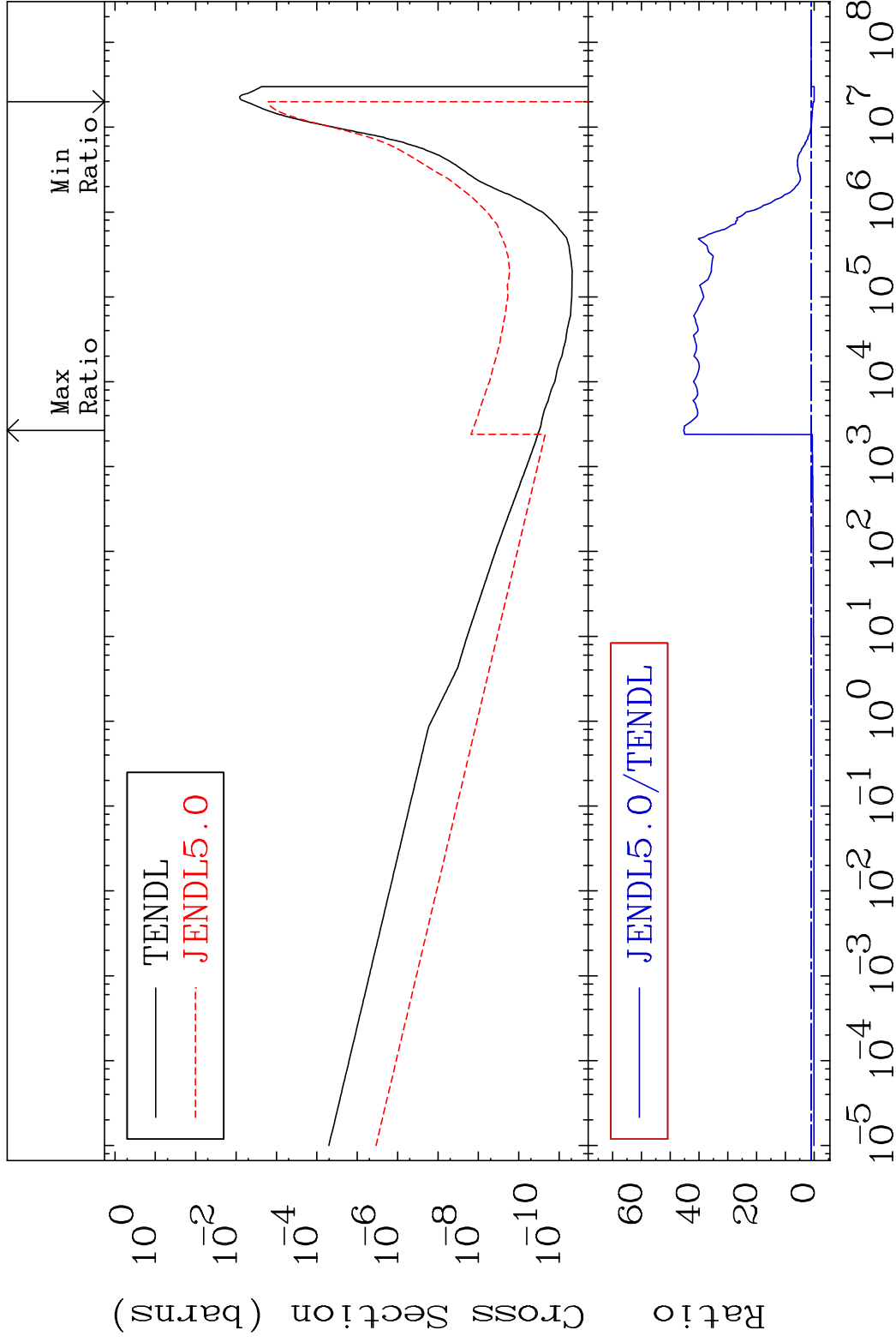
30 Incident Energy (eV) 73-Ta-181

MAT 7328

(n, α)

73-Ta-181

Cross Section -100.0 To 4434. %



31

Incident Energy (eV)

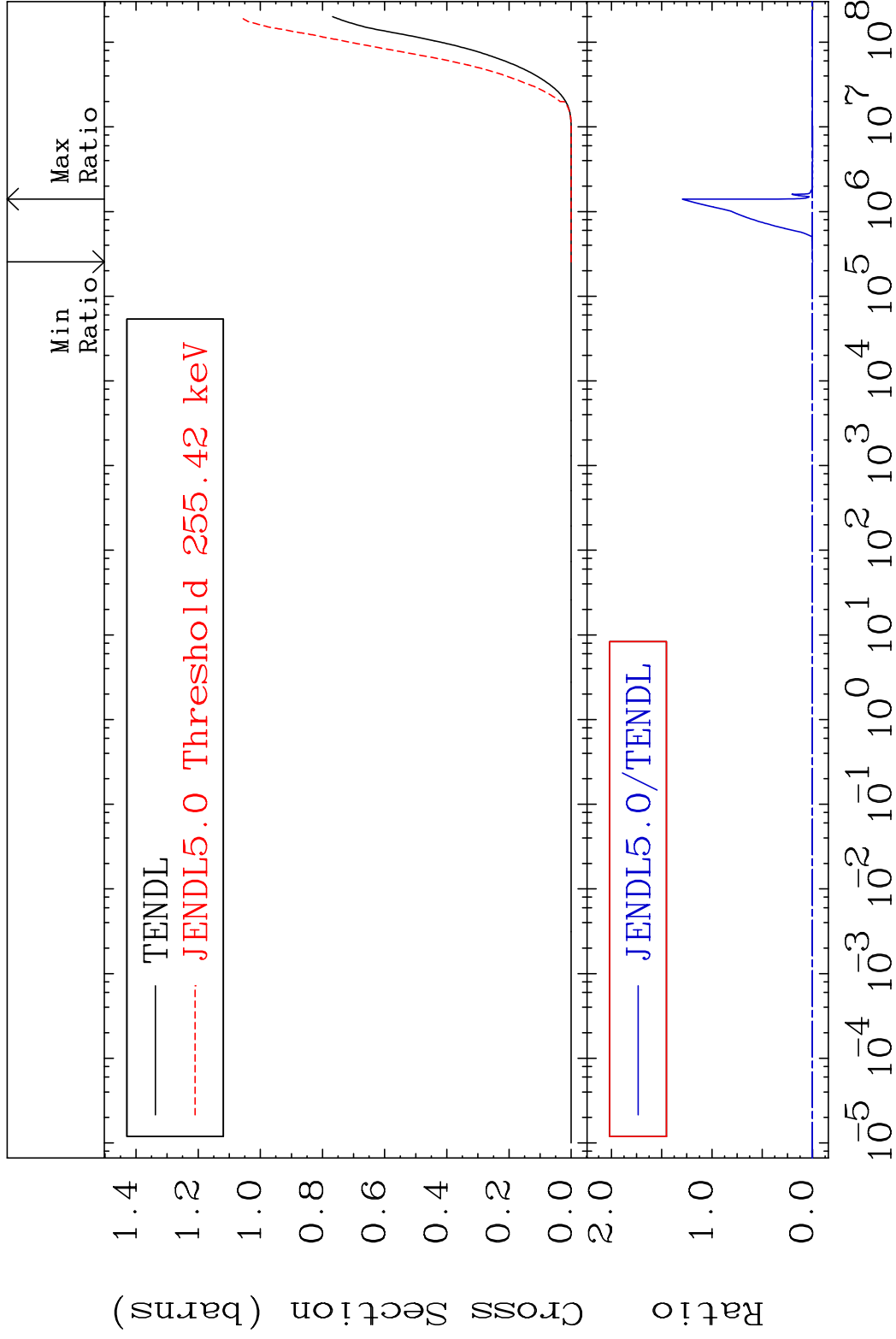
73-Ta-181

MAT 7328

Hydrogen Production

73-Ta-181

Cross Section -100.0 To 9999. %



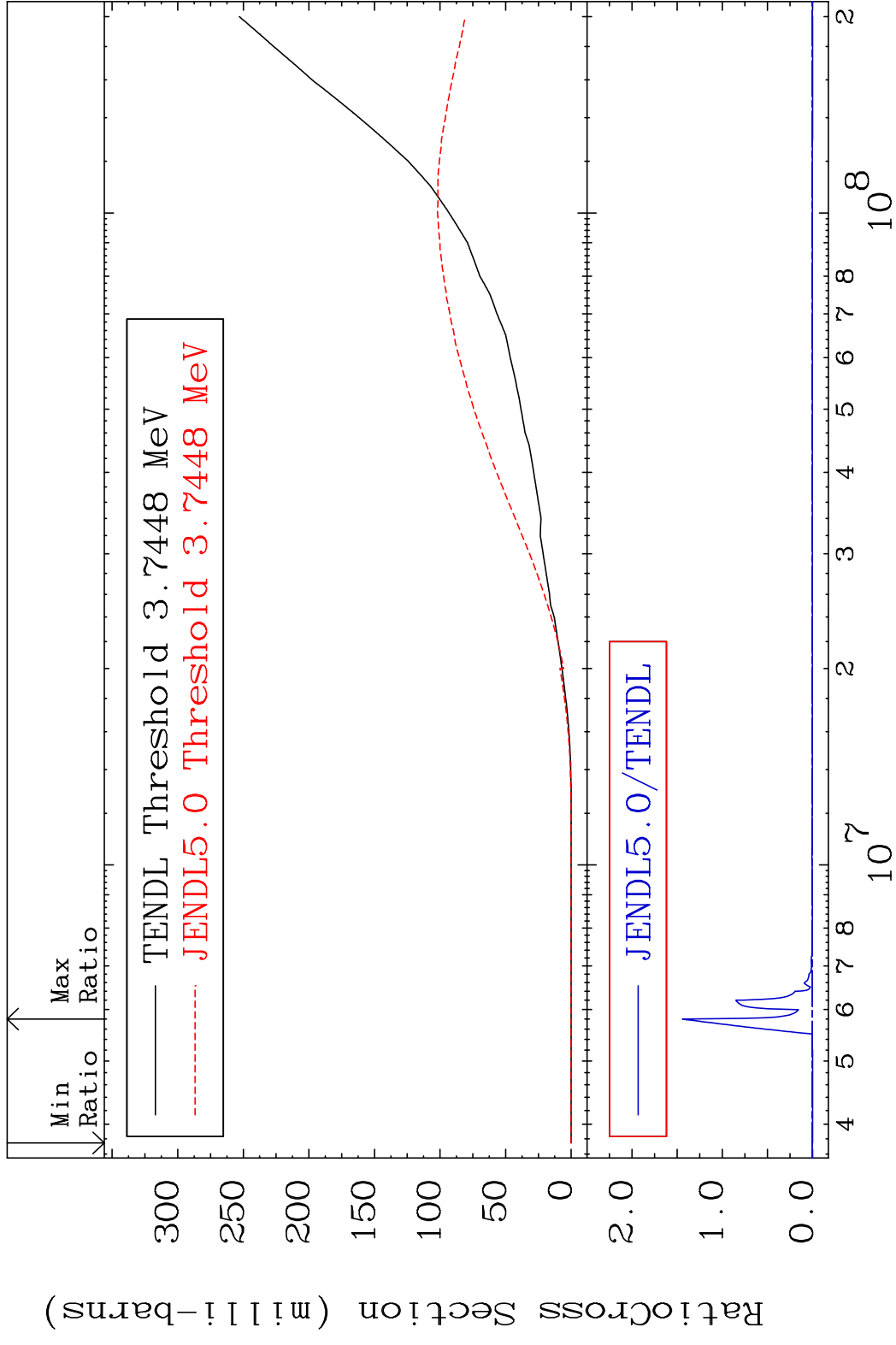
32

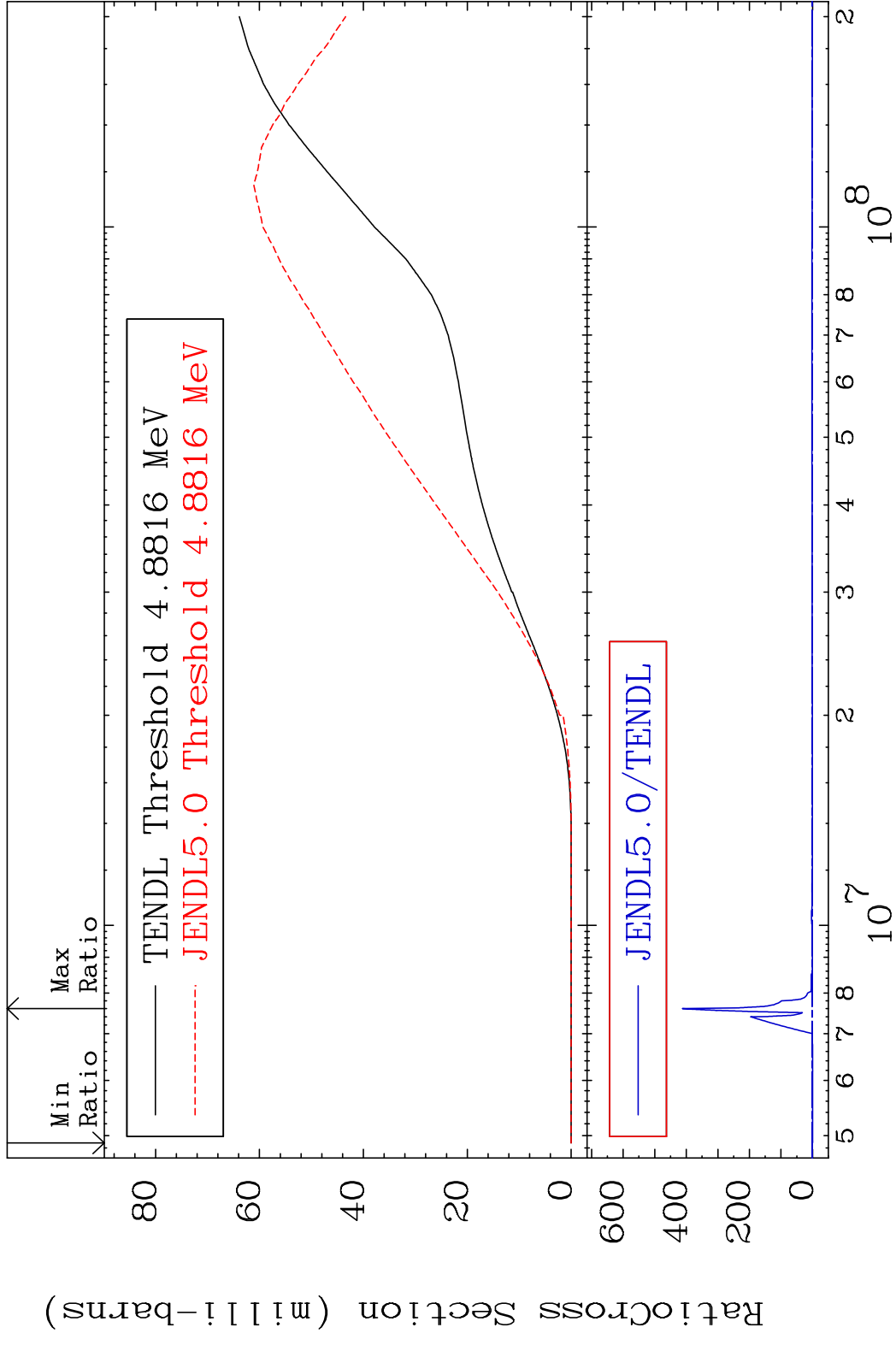
Incident Energy (eV)

73-Ta-181

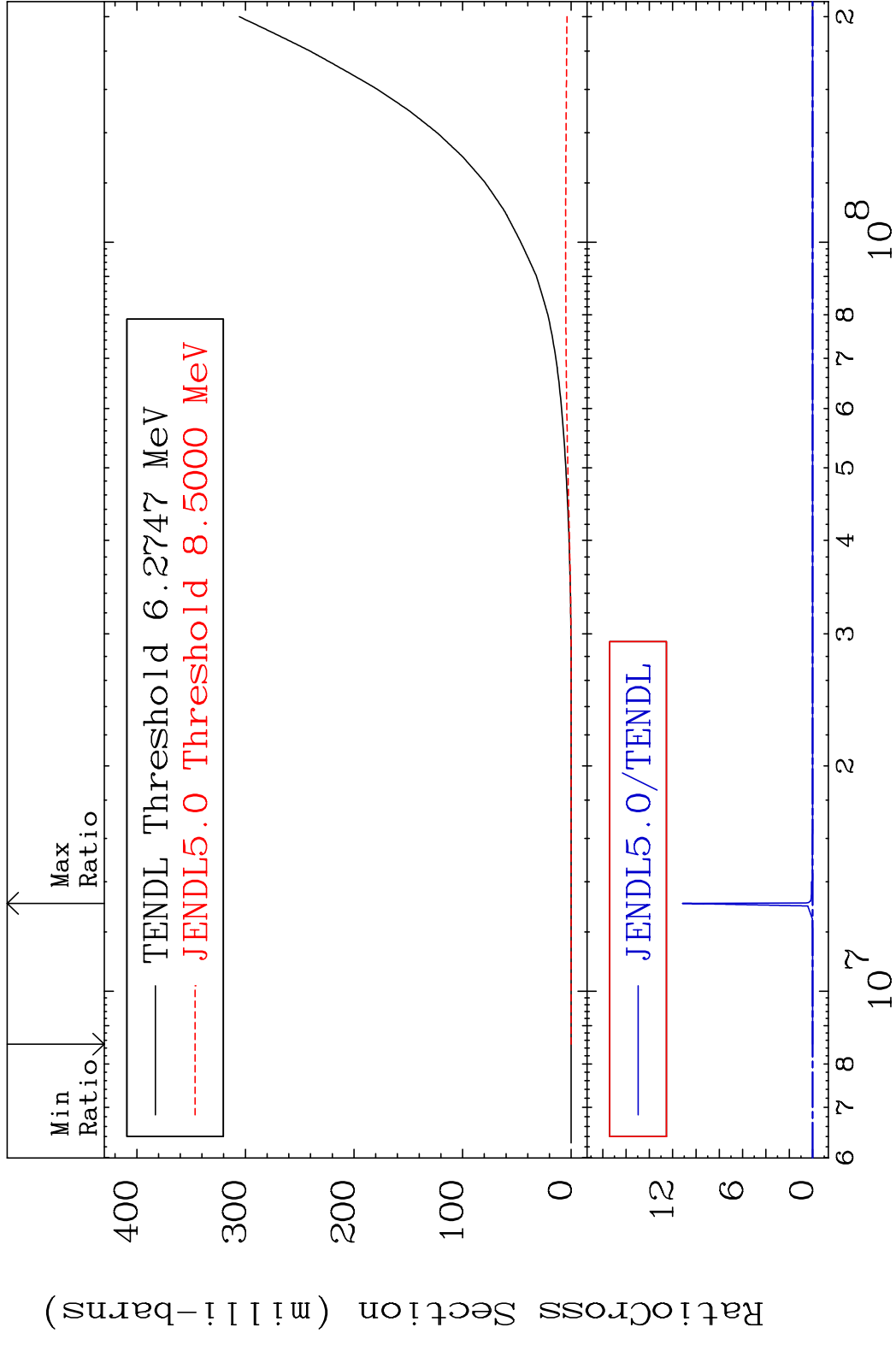
MAT 7328

Deuterium Production 73-Ta-181
Cross Section -100.0 To 9999. %





MAT 7328 He-3 Production 73-Ta-181
 Cross Section -100.0 To 9999. %

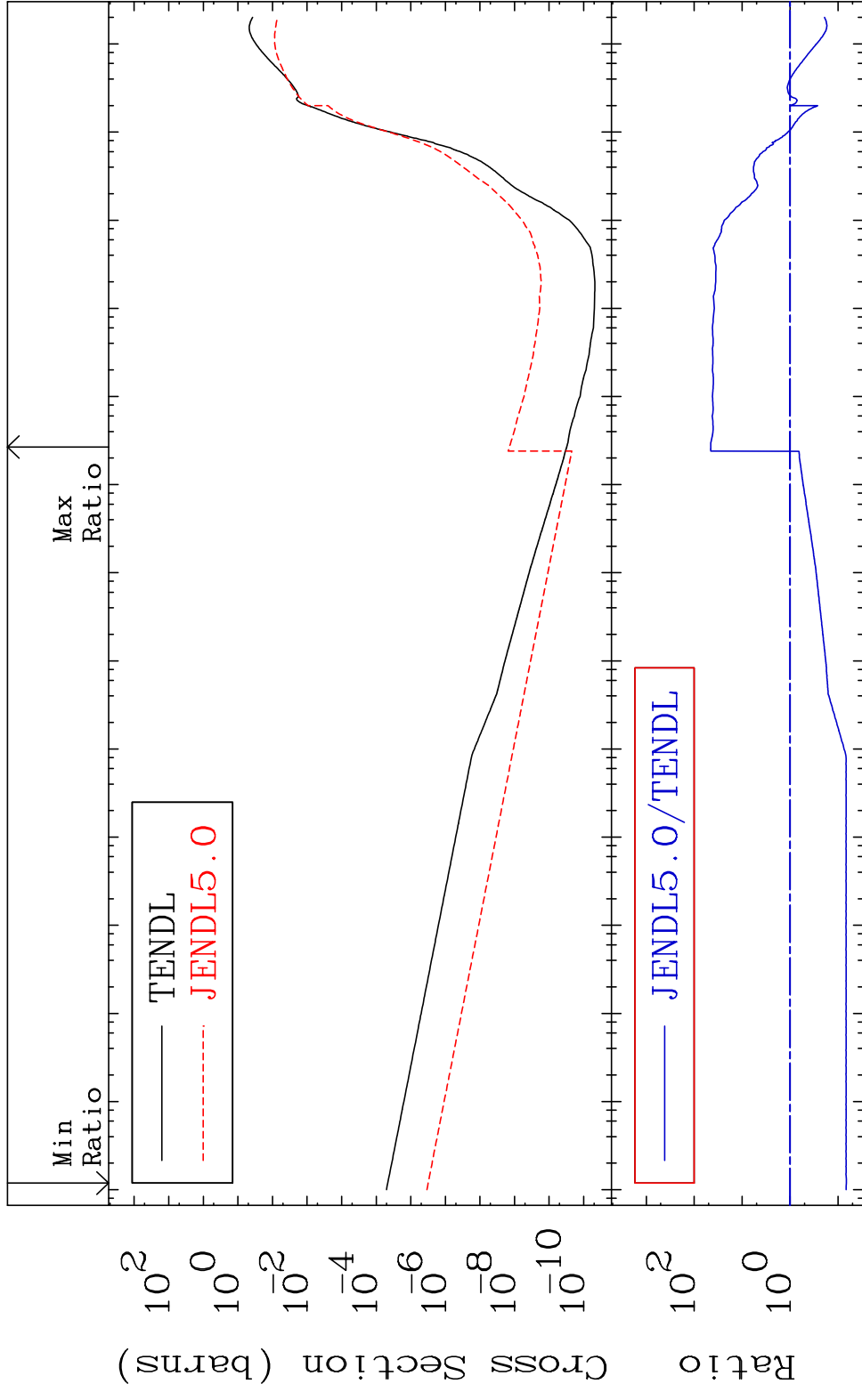


MAT 7328

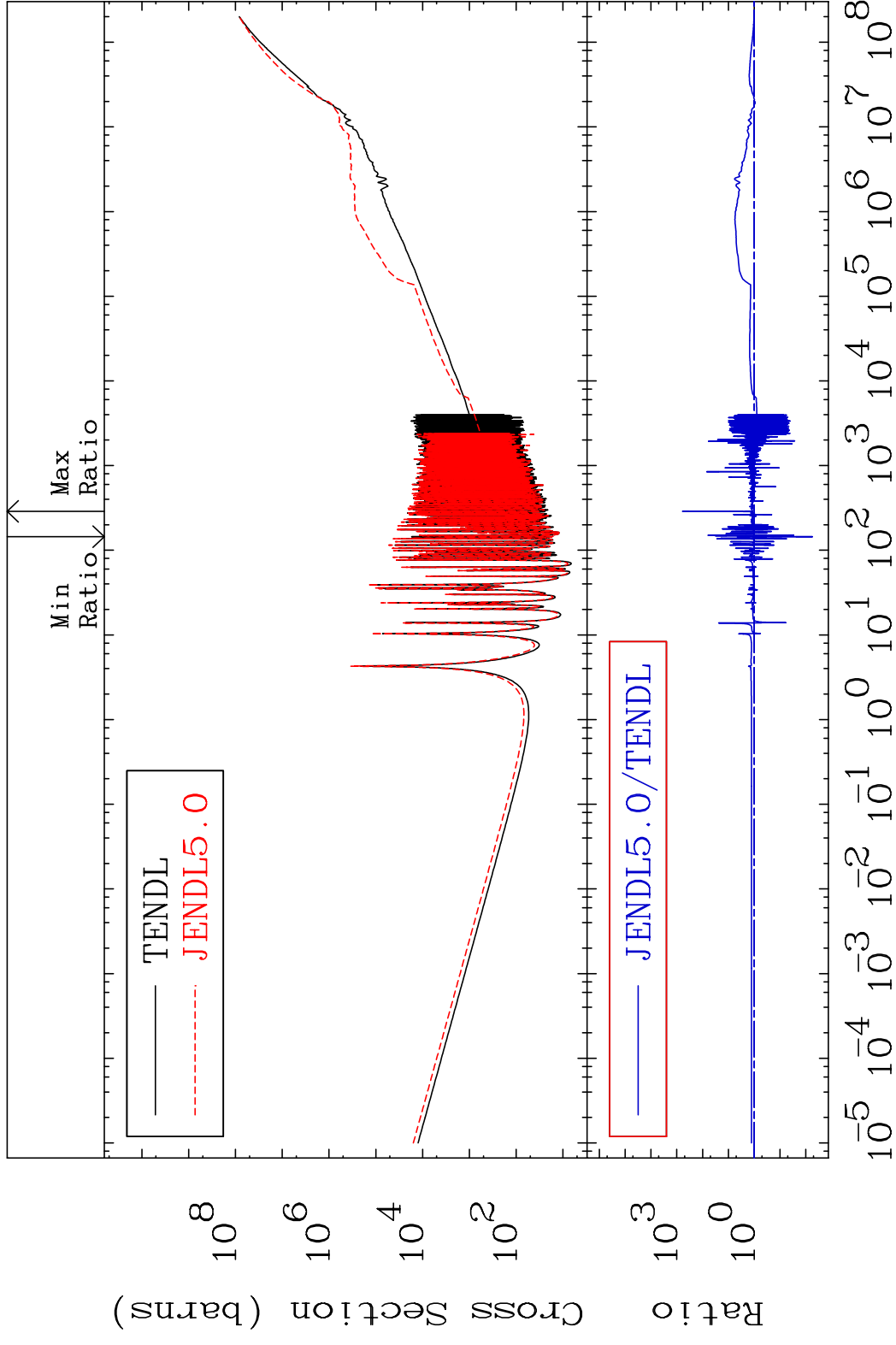
He-4 Production

73-Ta-181

Cross Section -93.26 To 4434. %



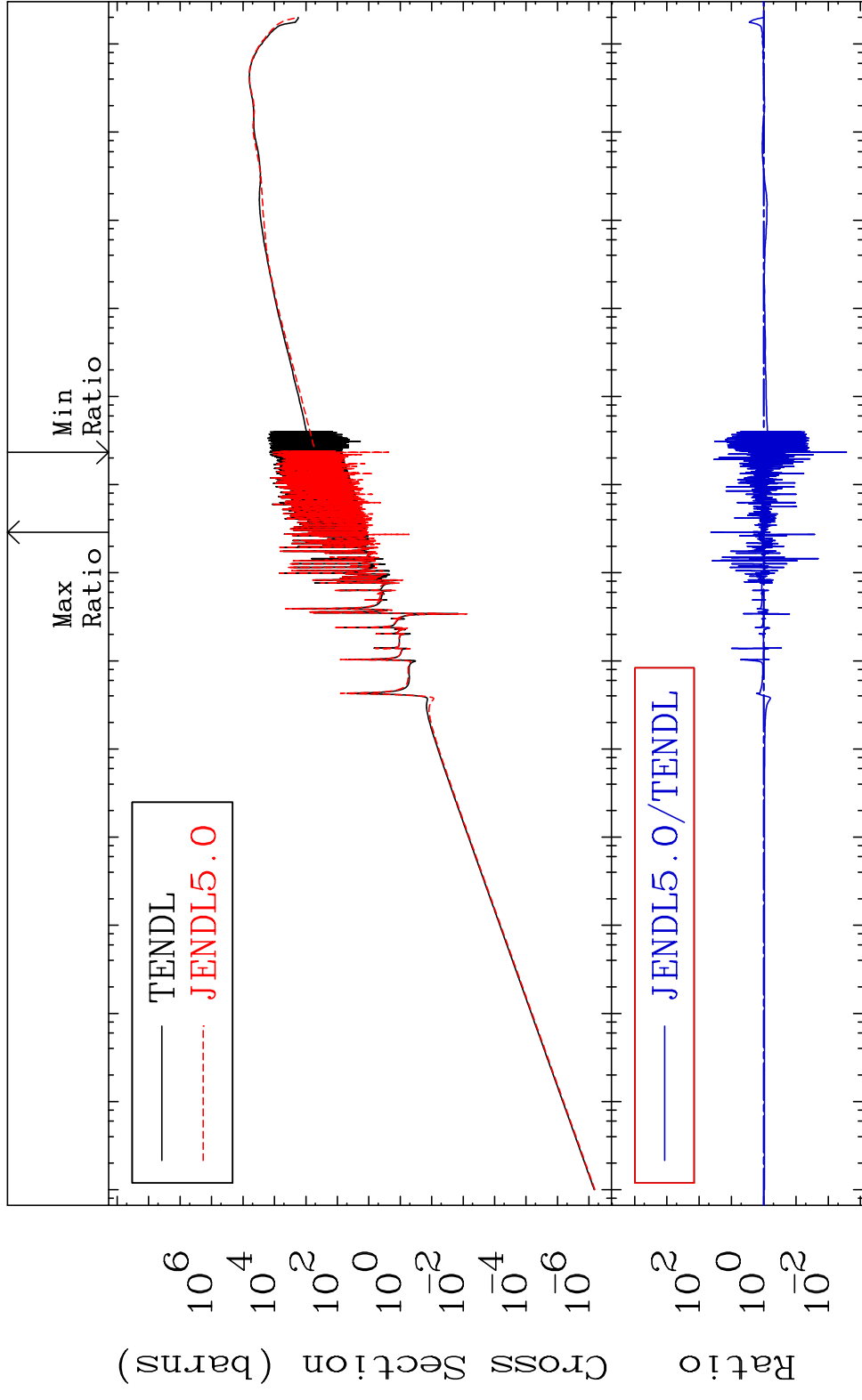
MAT 7328 Kerma total (eV-barns) 73-Ta-181
Cross Section -99.46 To 9999. %



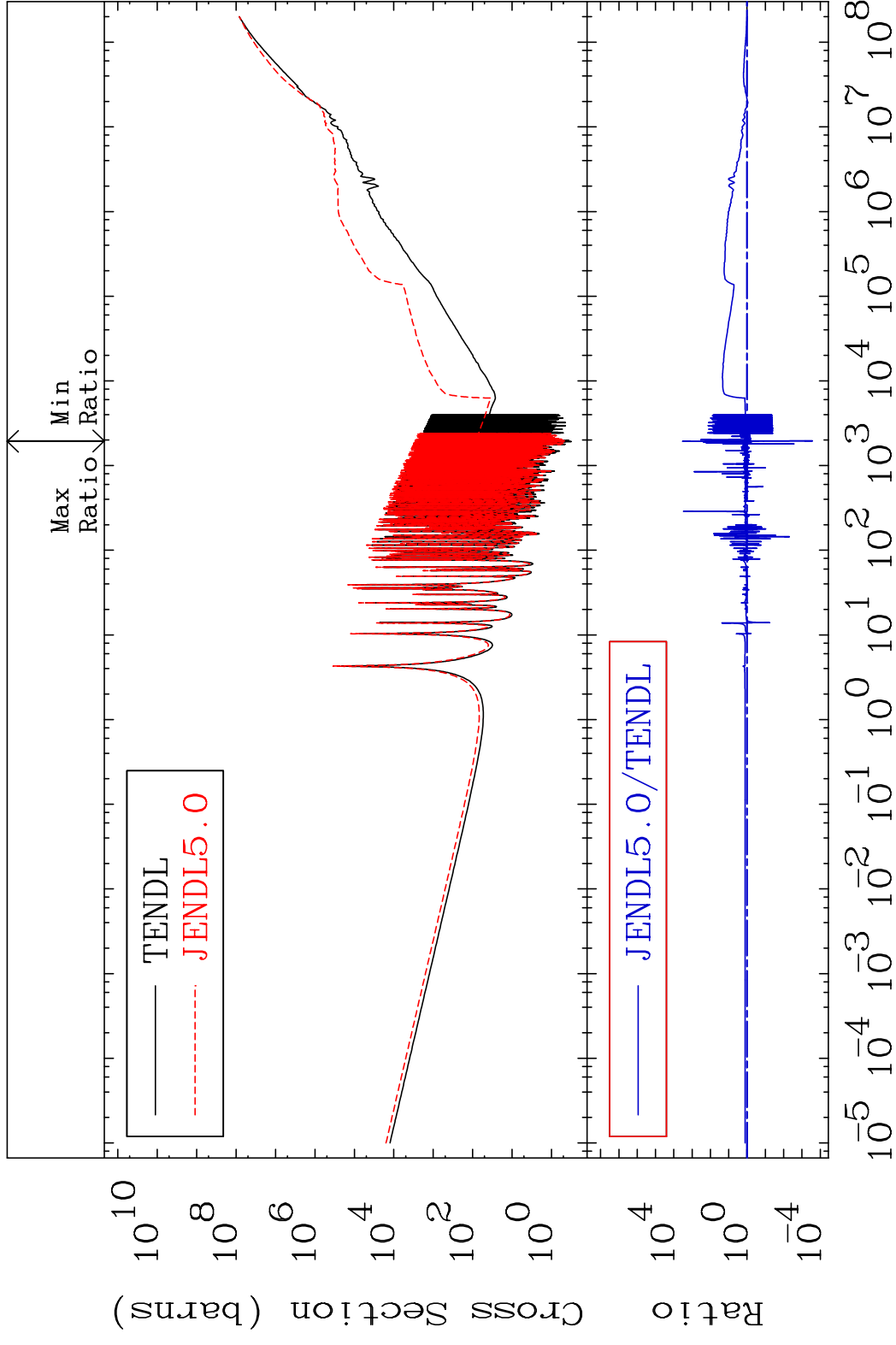
MAT 7328

Kerma elastic Cross Section -99.72 To 4288. %

73-Ta-181

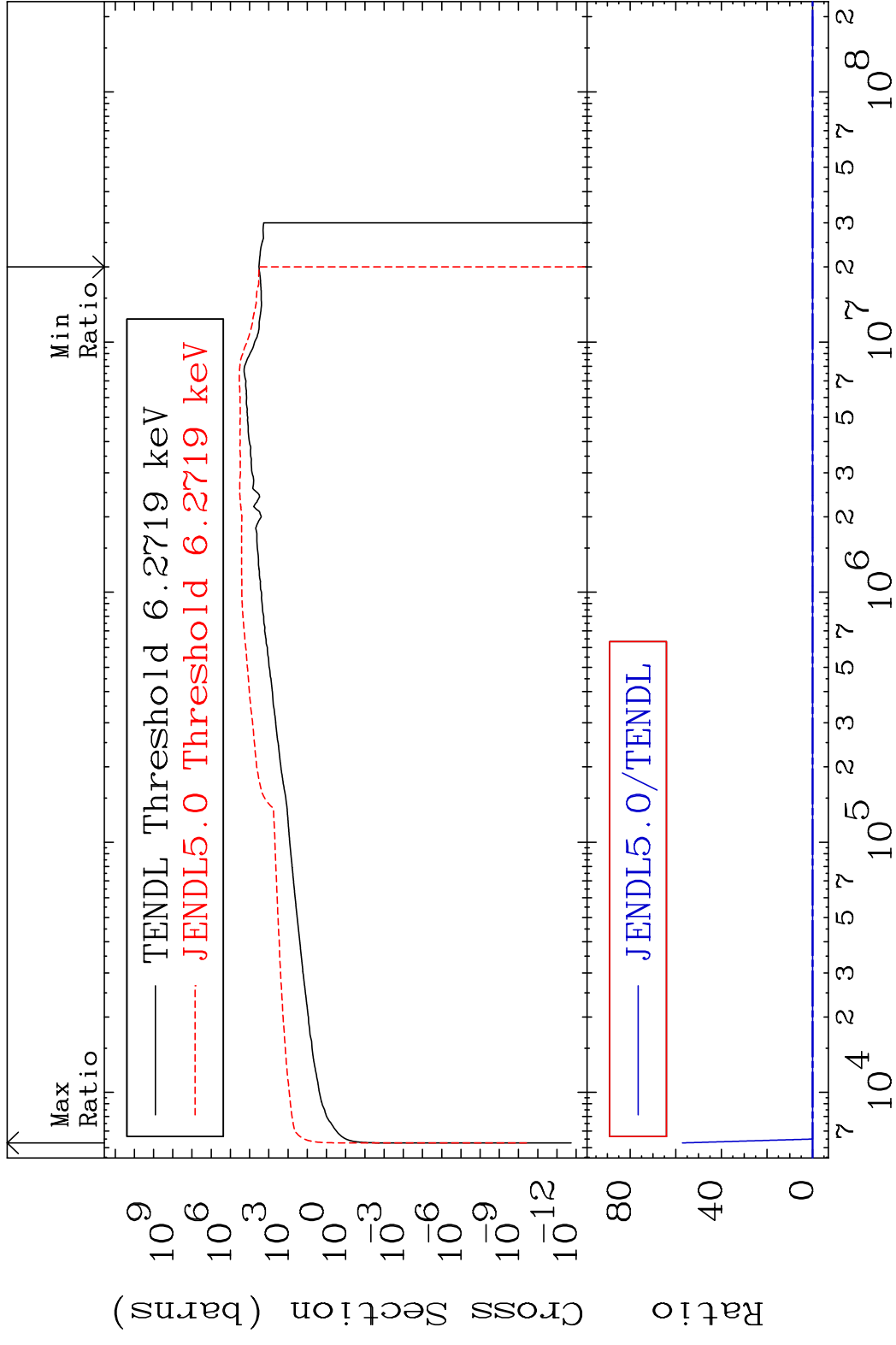


MAT 7328 Kerma non-elastic (all but mt2) 73-Ta-181
 Cross Section -99.97 To 9999. %



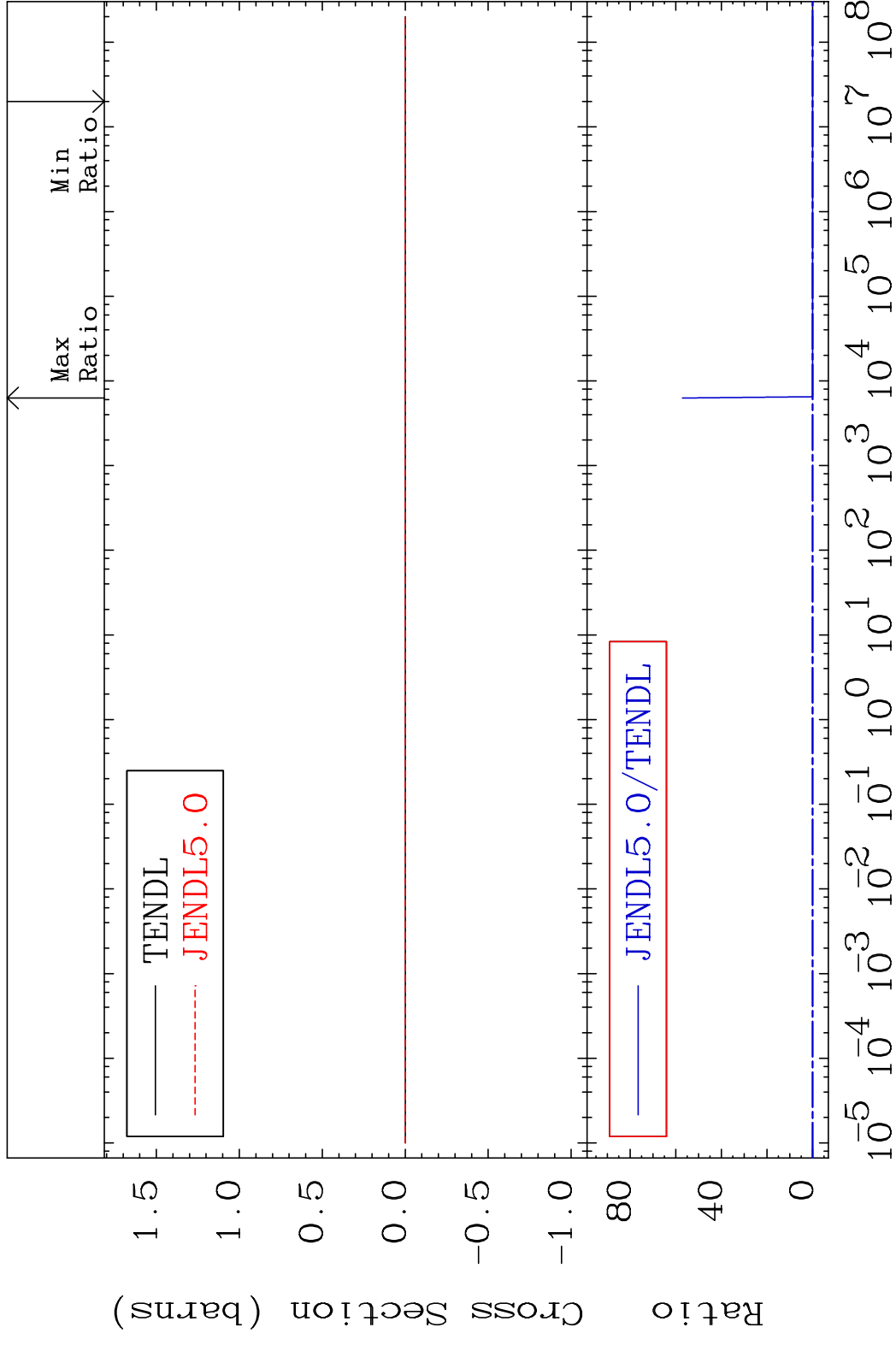
39 Incident Energy (eV) 73-Ta-181

MAT 7328 Kerma inelastic (mt51-91) 73-Ta-181
 Cross Section -100.0 To 9999. %

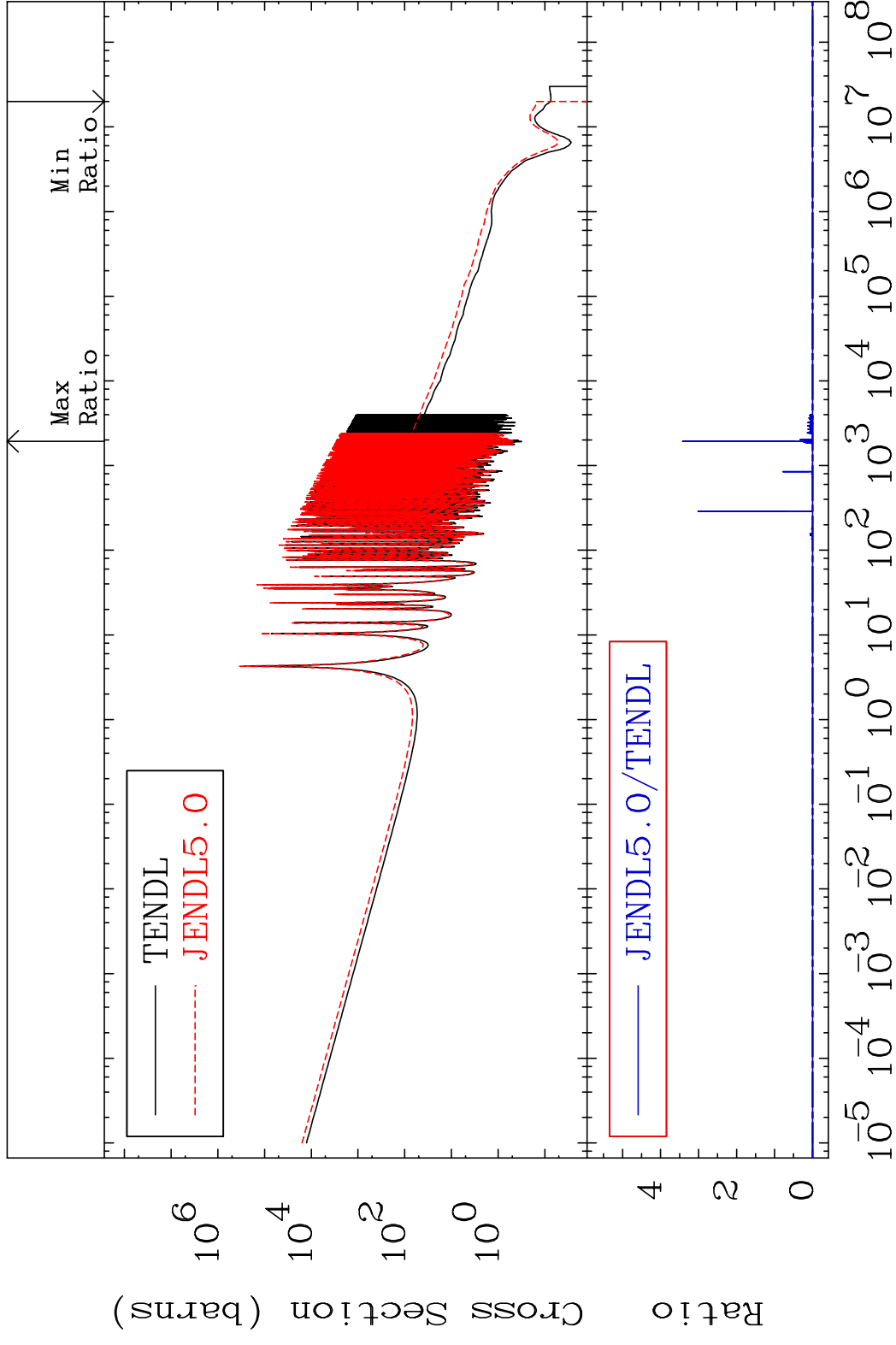


40 Incident Energy (eV) 73-Ta-181

MAT 7328 Kerma fission (mt18 or mt19-20-21-38)73-Ta-181
 Cross Section -100.0 To 9999. %

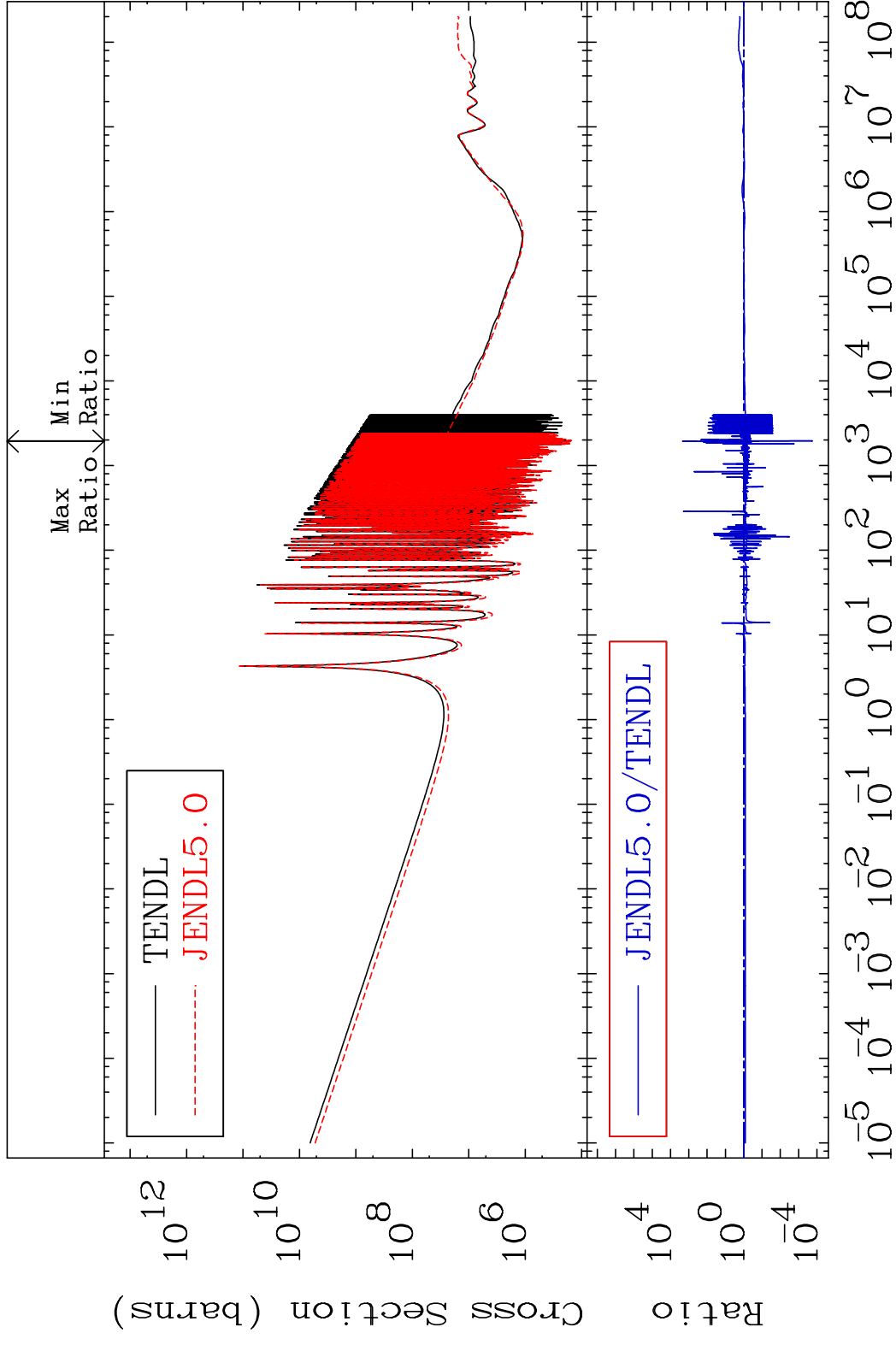


MAT 7328 Kerma capture (mt102) 73-Ta-181
 Cross Section -100.0 To 9999. %

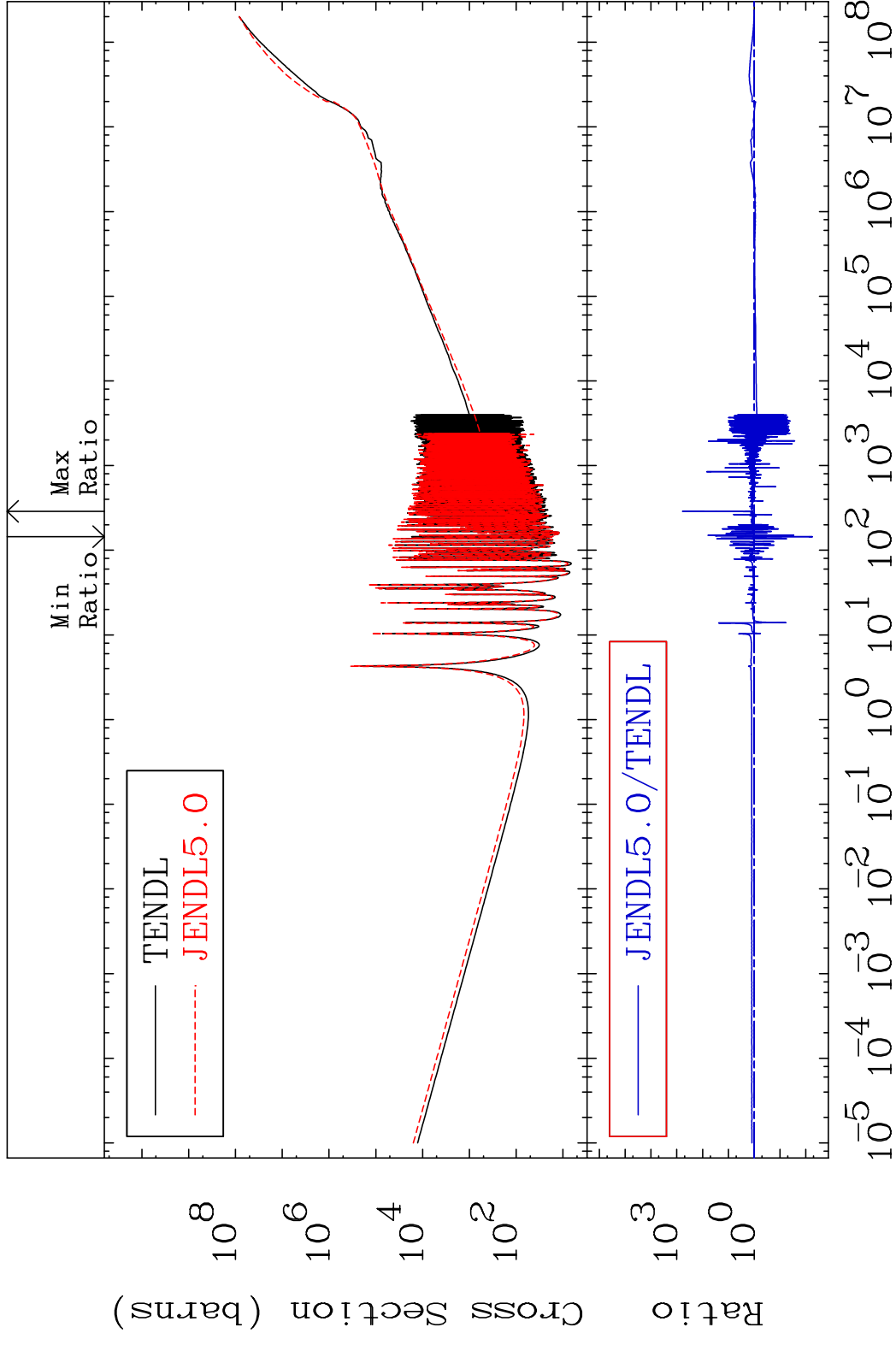


42 Incident Energy (eV) 73-Ta-181

MAT 7328 Total photon (eV-barns) 73-Ta-181
 Cross Section -99.98 To 9999. %



MAT 7328 Total kinematic kerma (high limit) 73-Ta-181
 Cross Section -99.46 To 9999. %

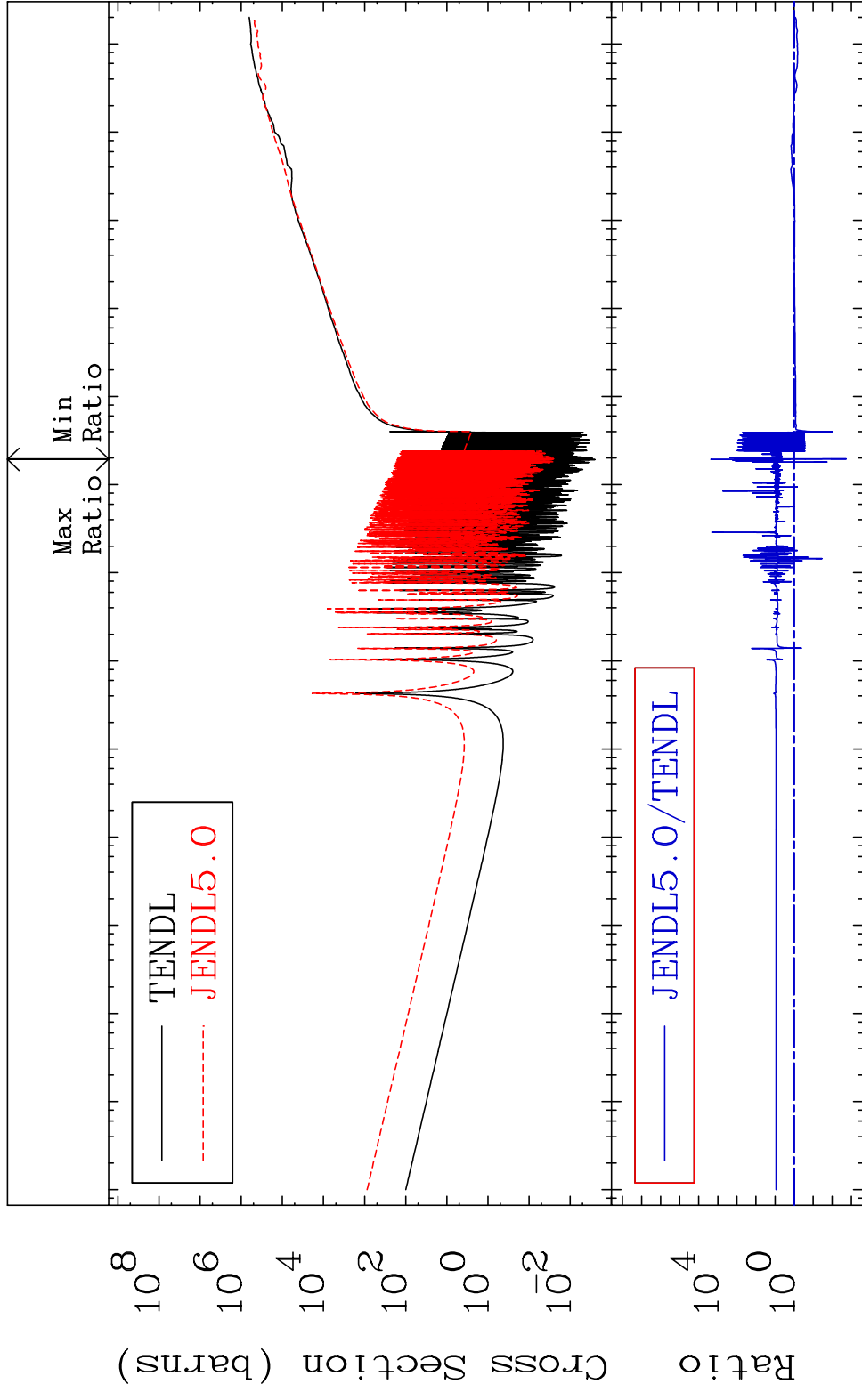


MAT 7328

Dpa total (eV-barns)

73-Ta-181

Cross Section -99.82 To 9999. %

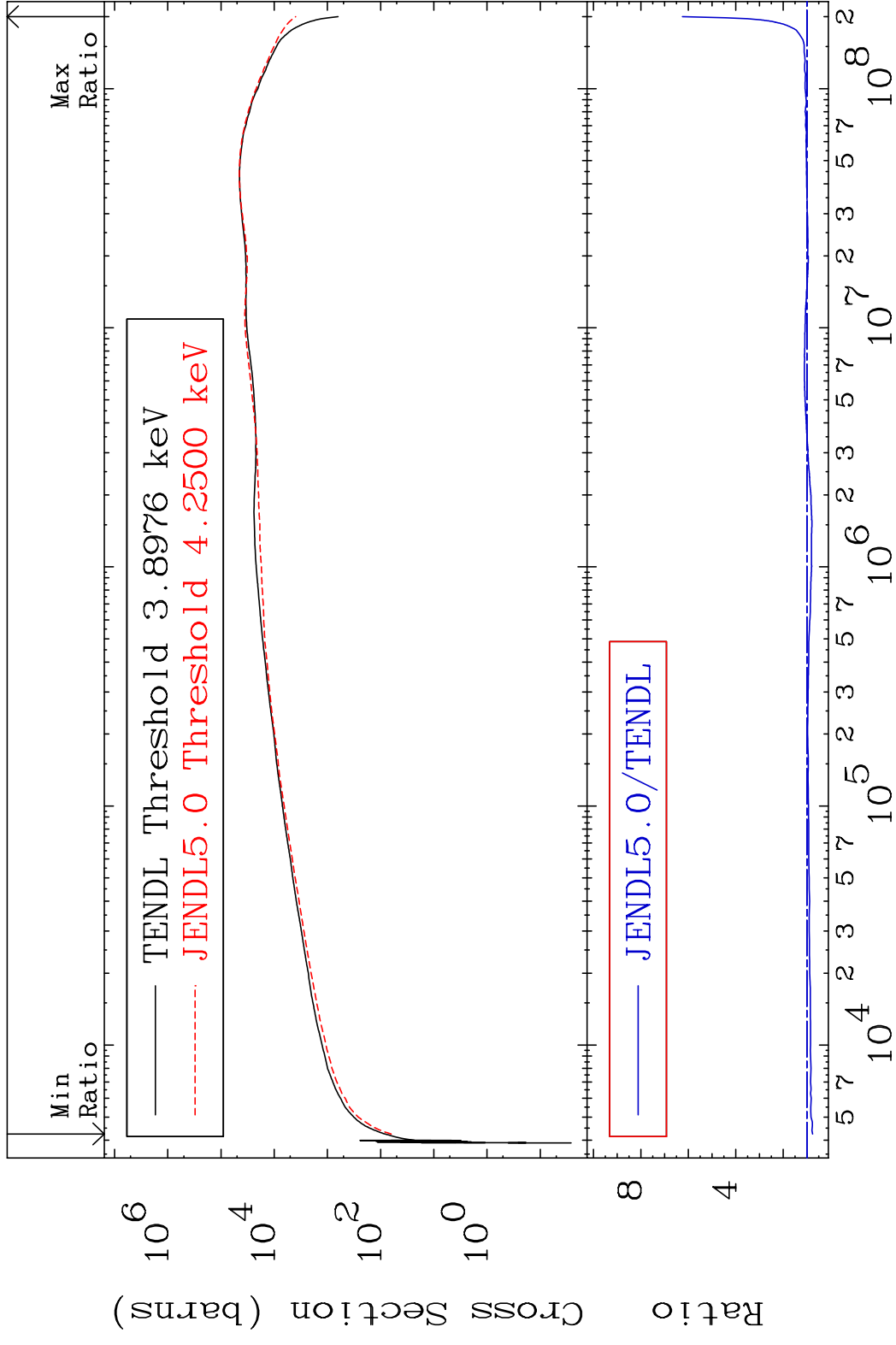


MAT 7328

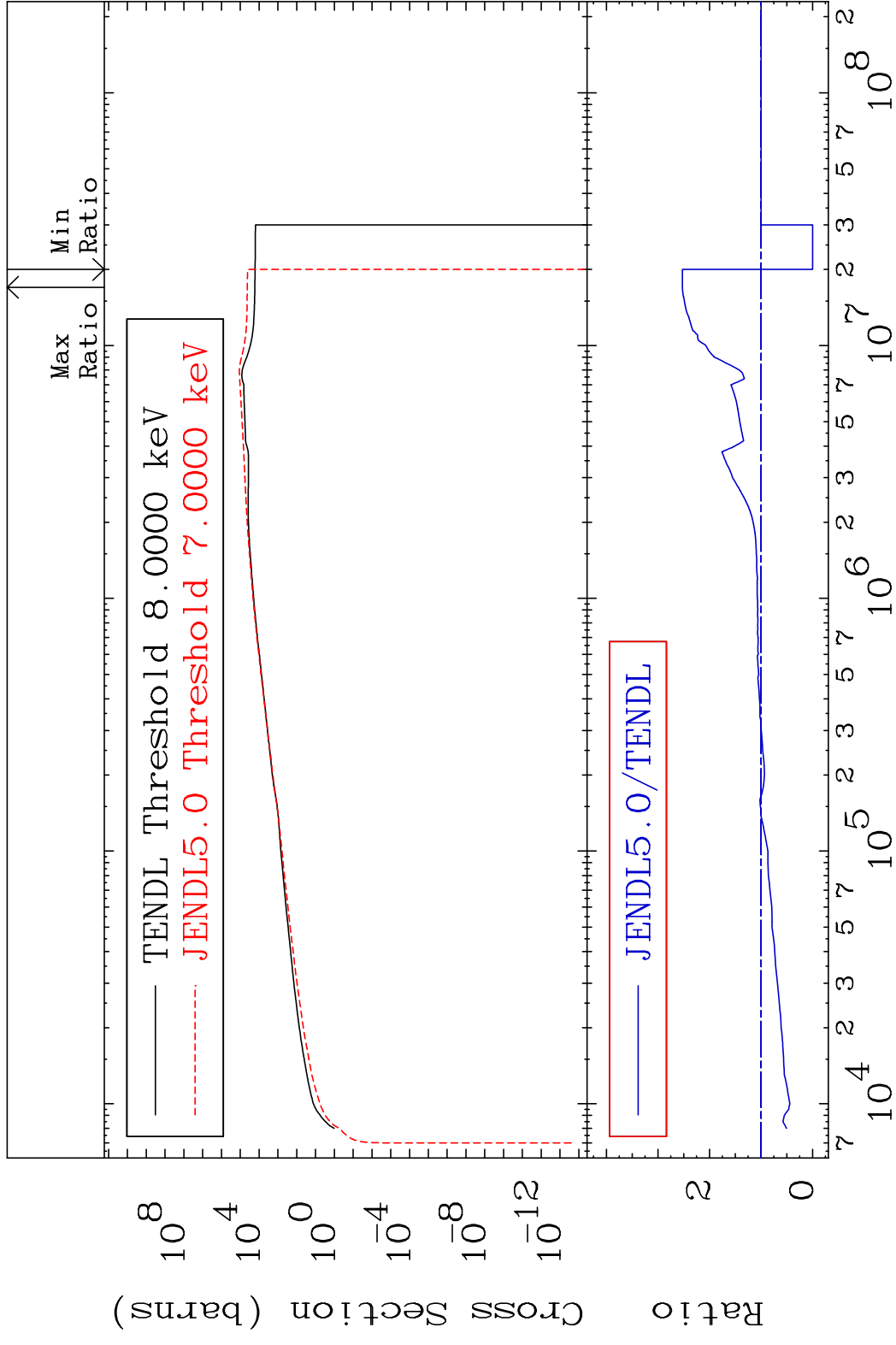
Dpa elastic (mt2)

73-Ta-181

Cross Section -24.22 To 525.1 %

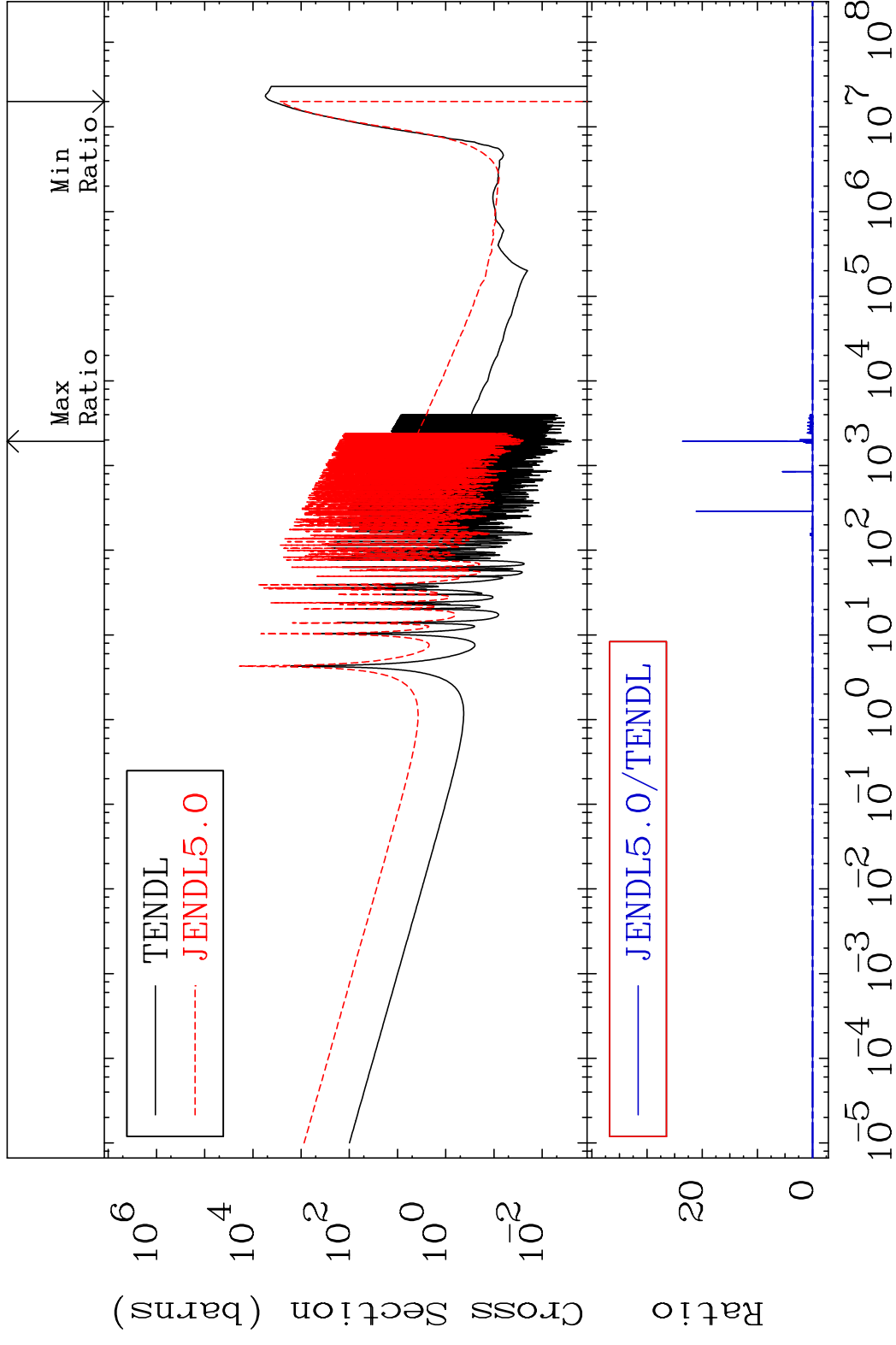


MAT 7328 Dpa inelastic (mt51-91) 73-Ta-181
Cross Section -100.0 To 152.6 %

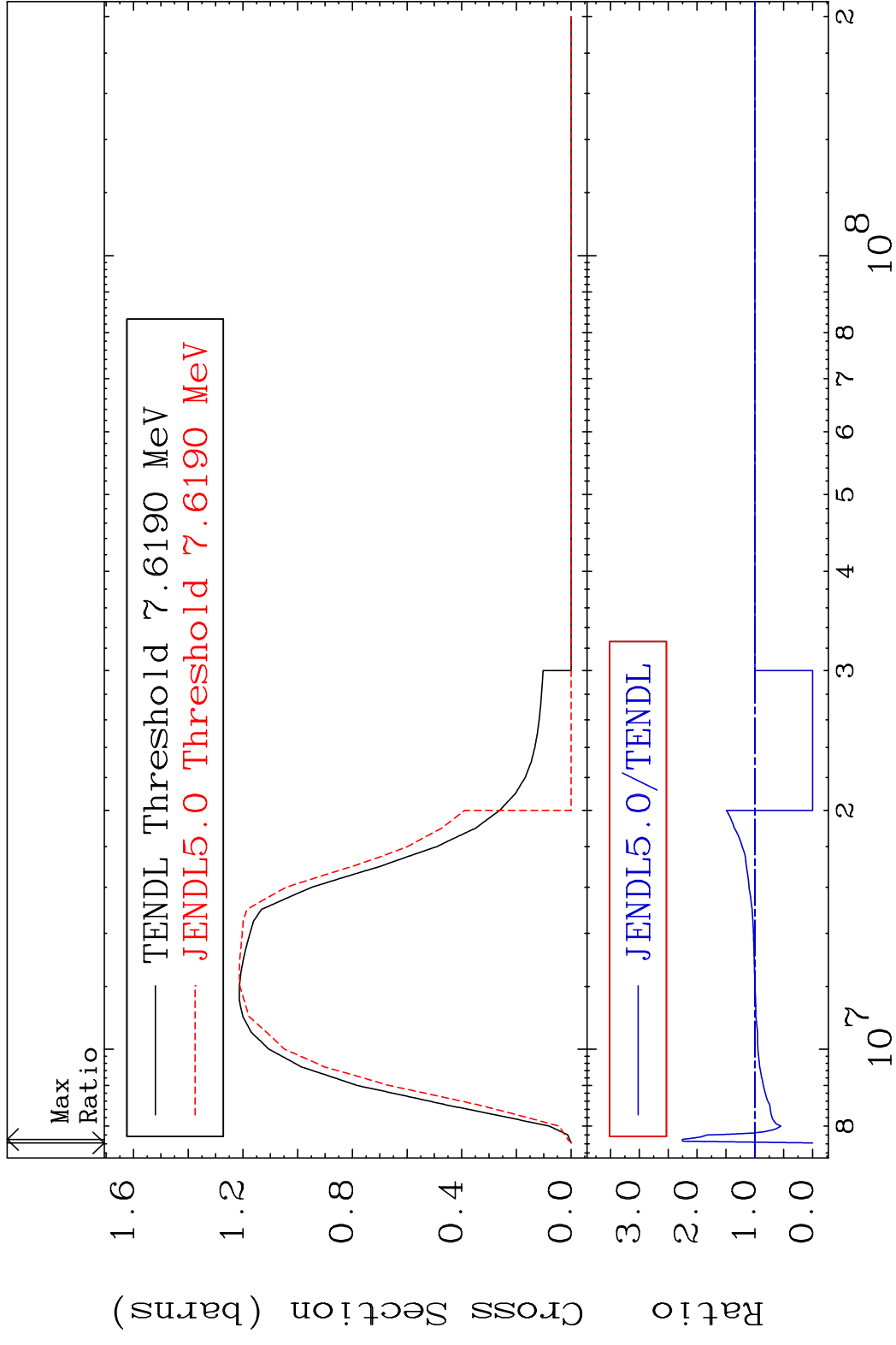


47 Incident Energy (eV) 73-Ta-181

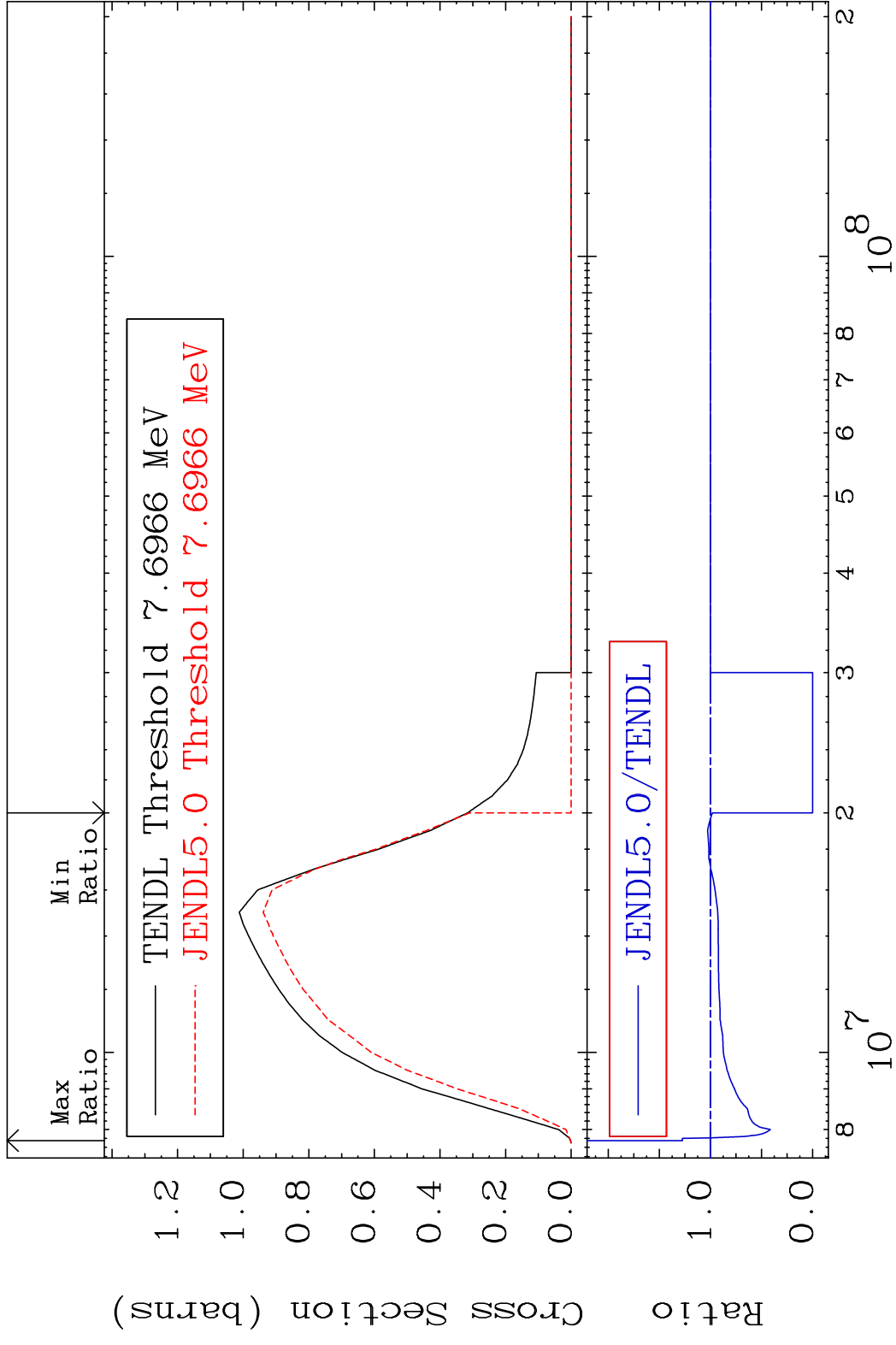
MAT 7328 Dpa disappearance (mt102 -120) 73-Ta-181
 Cross Section -100.0 To 9999. %

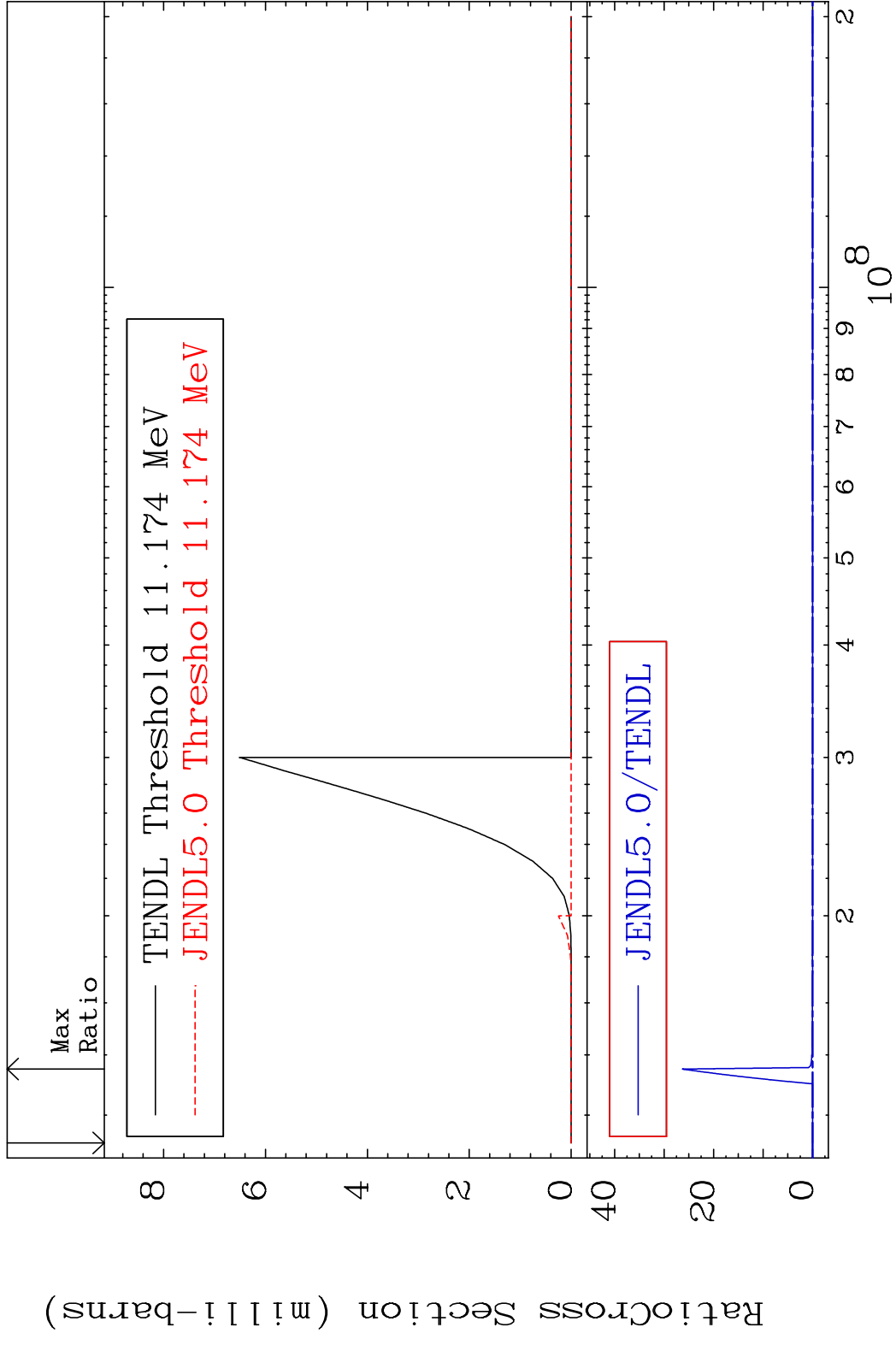


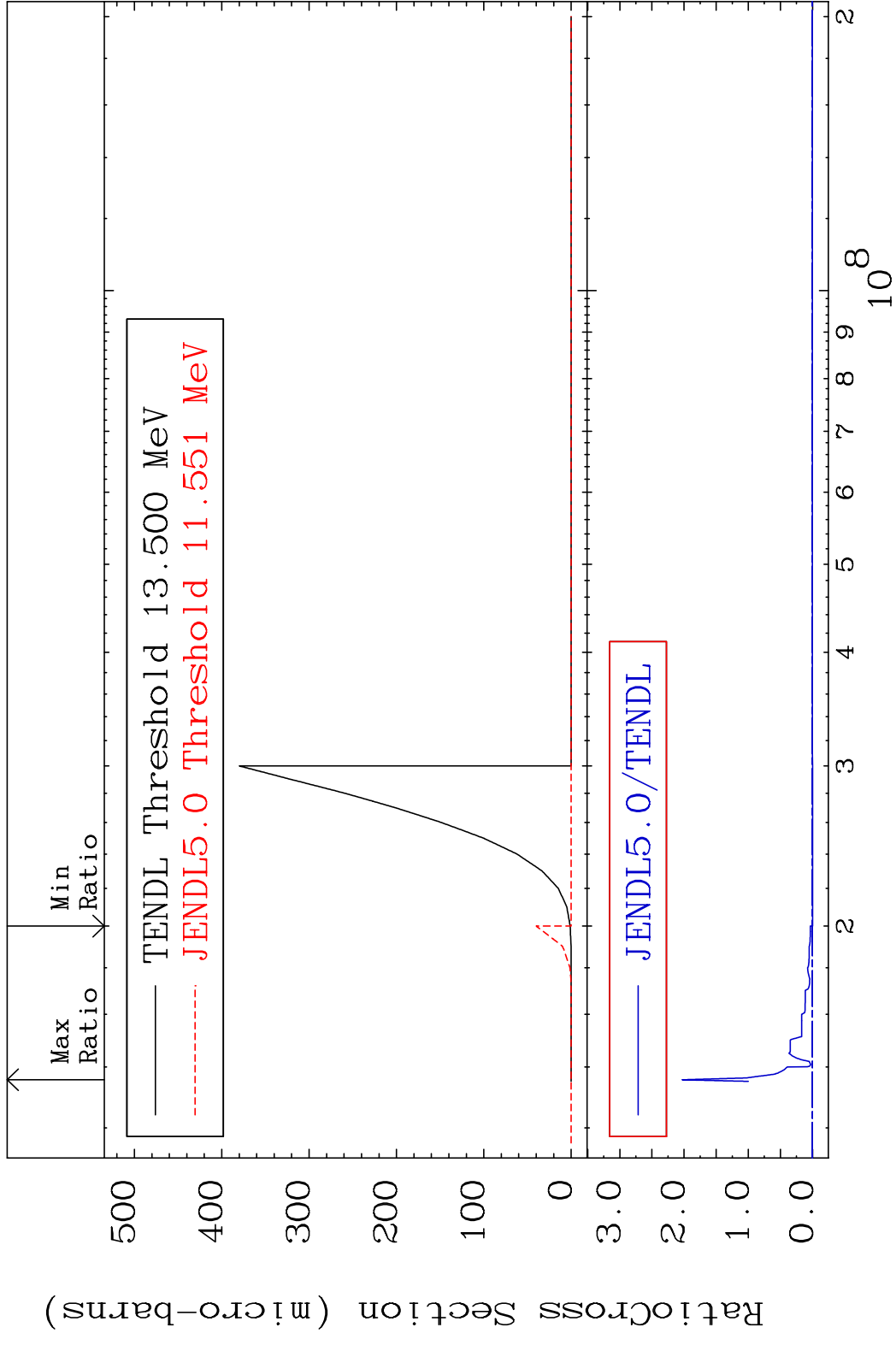
MAT 7328 (n,2n):73-Ta-180g 73-Ta-181
 Radionuclide Production Cross Section 180.0 dth 125.5 %

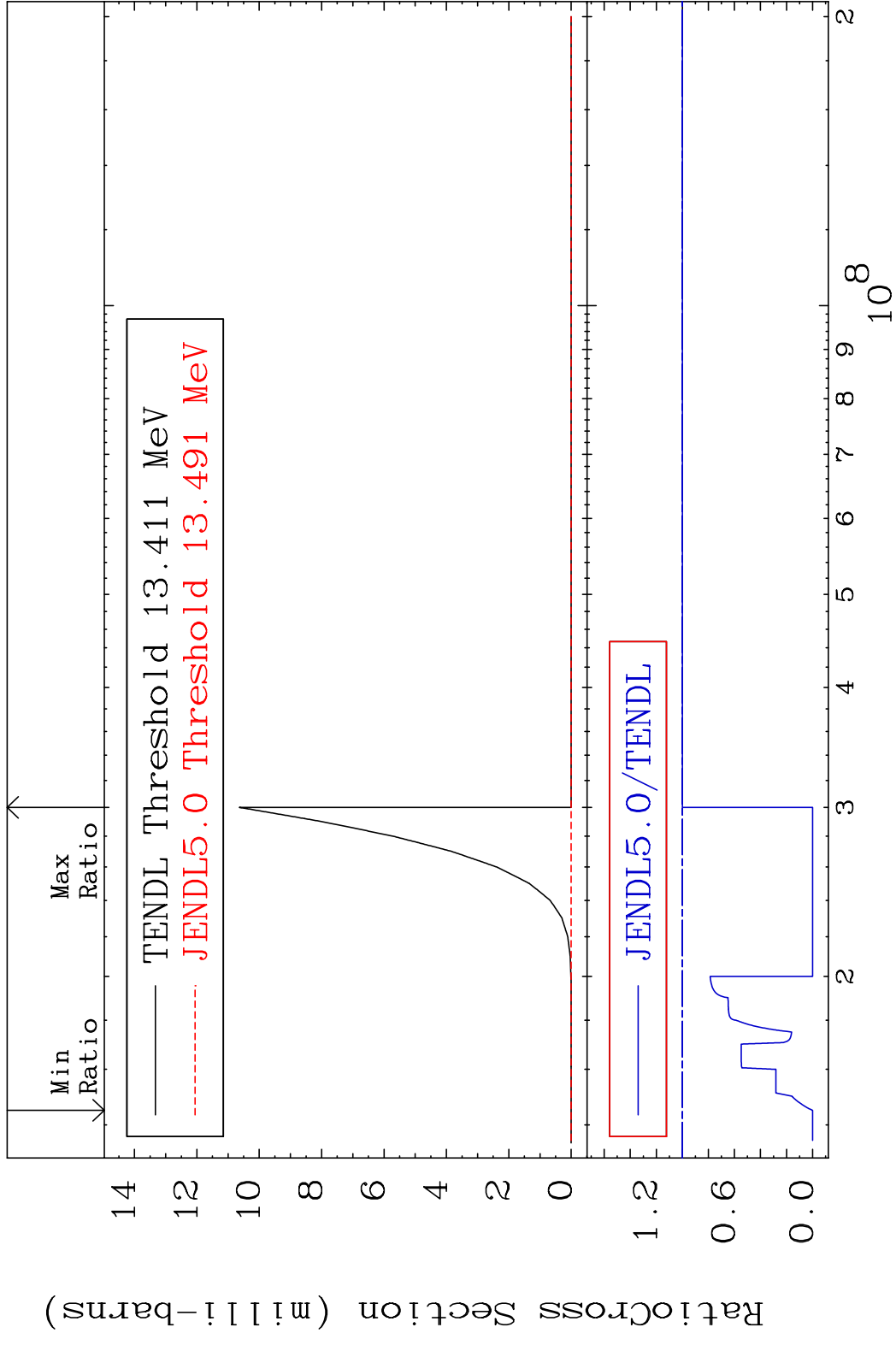


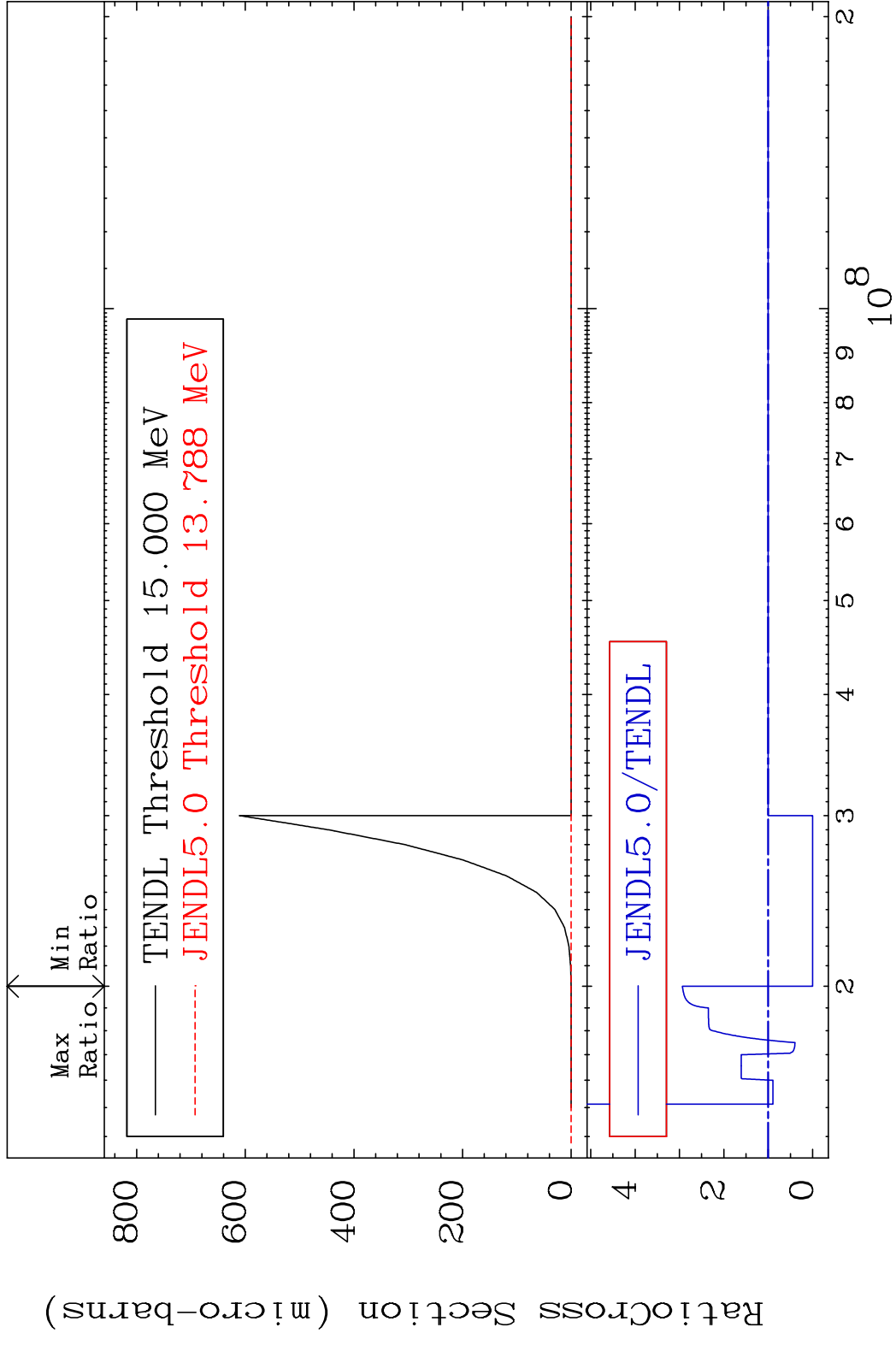
MAT 7328 (n,2n):73-Ta-180m2 73-Ta-181
 Radionuclide Production Cross Section Ratio 27.41 %

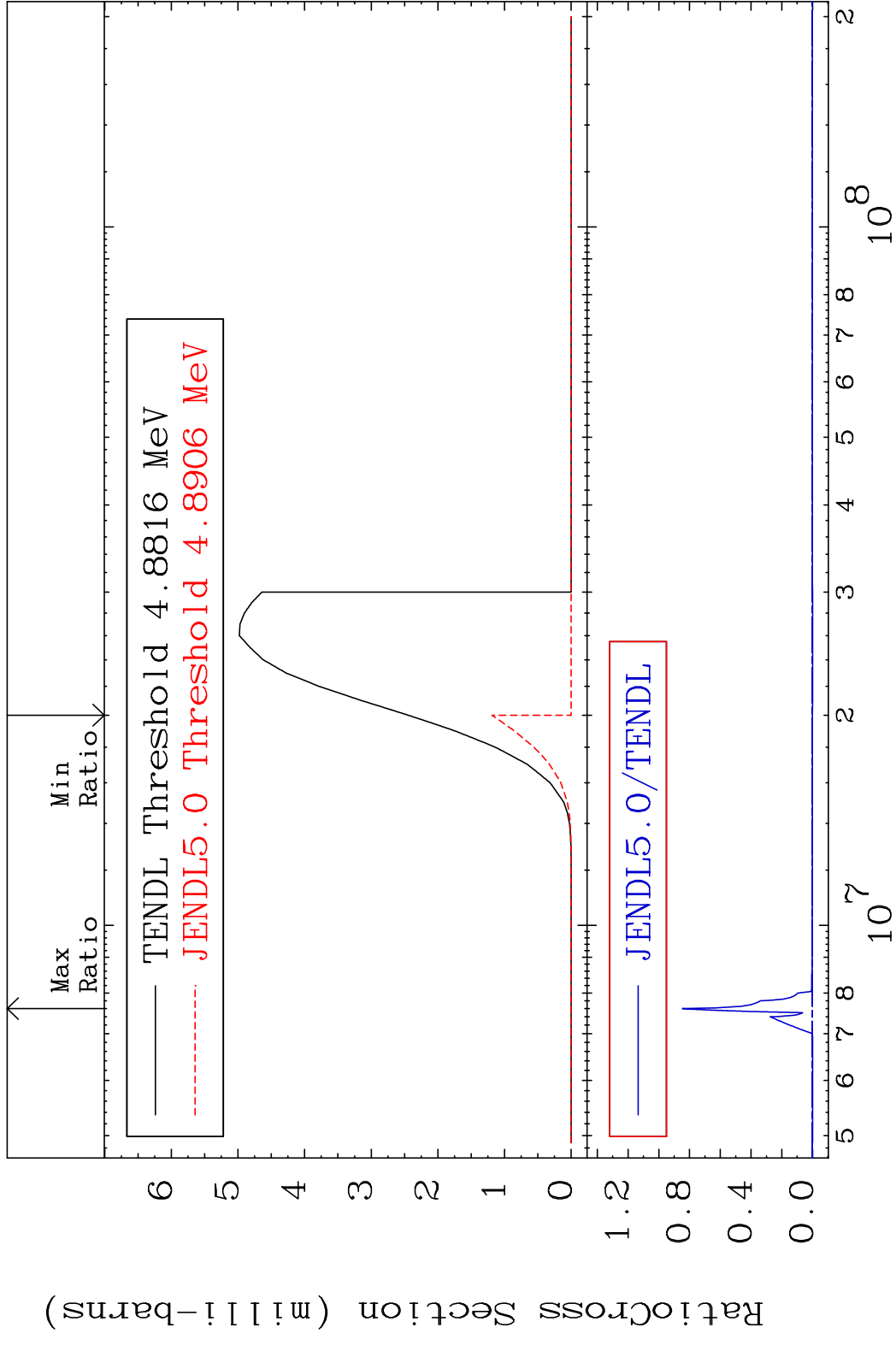












MAT 7328 (n, t): 72-Hf-179m5 73-Ta-181
 Radionuclide Production Cross Section 180.0 dth 908.3 %

