

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

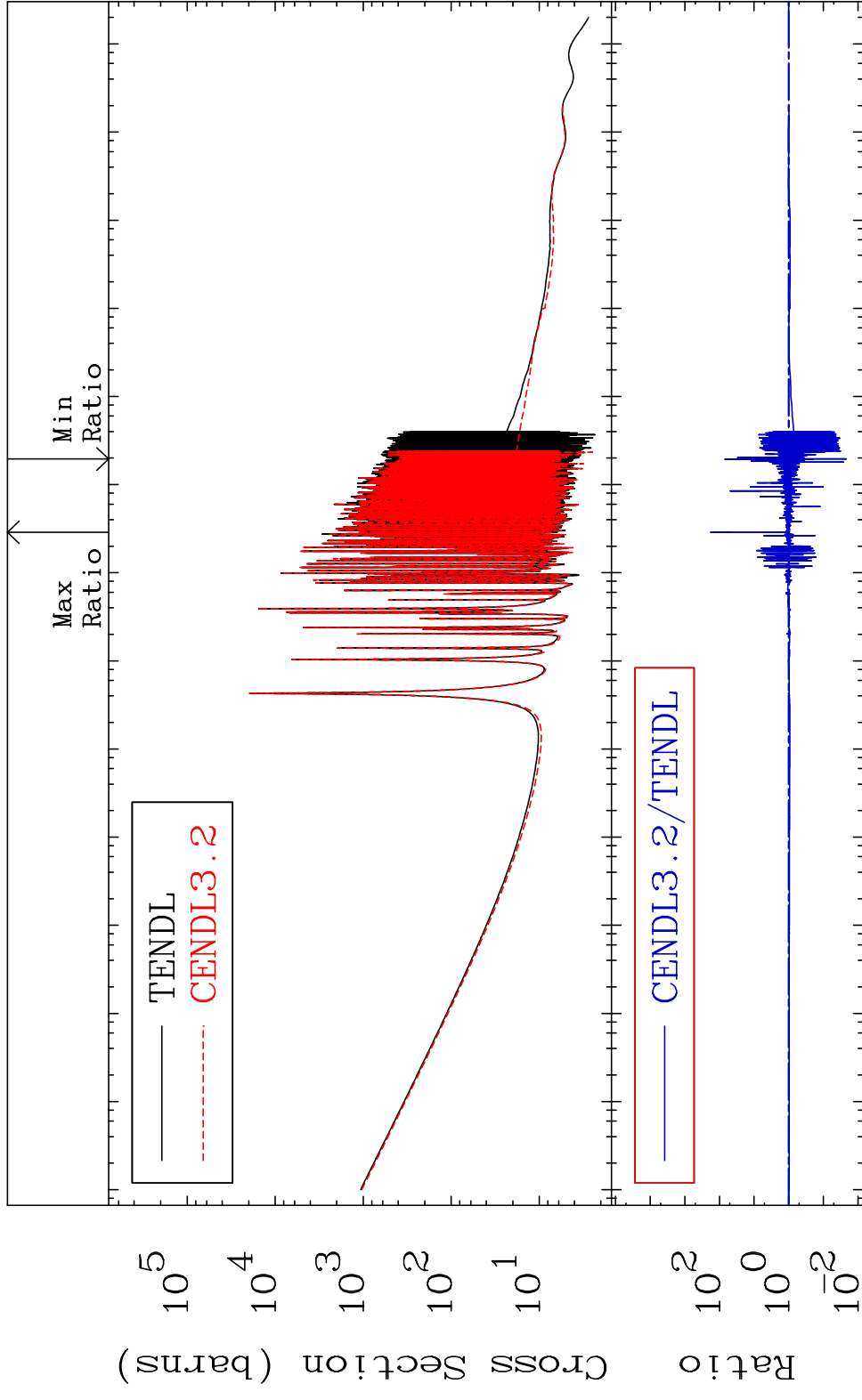
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7328

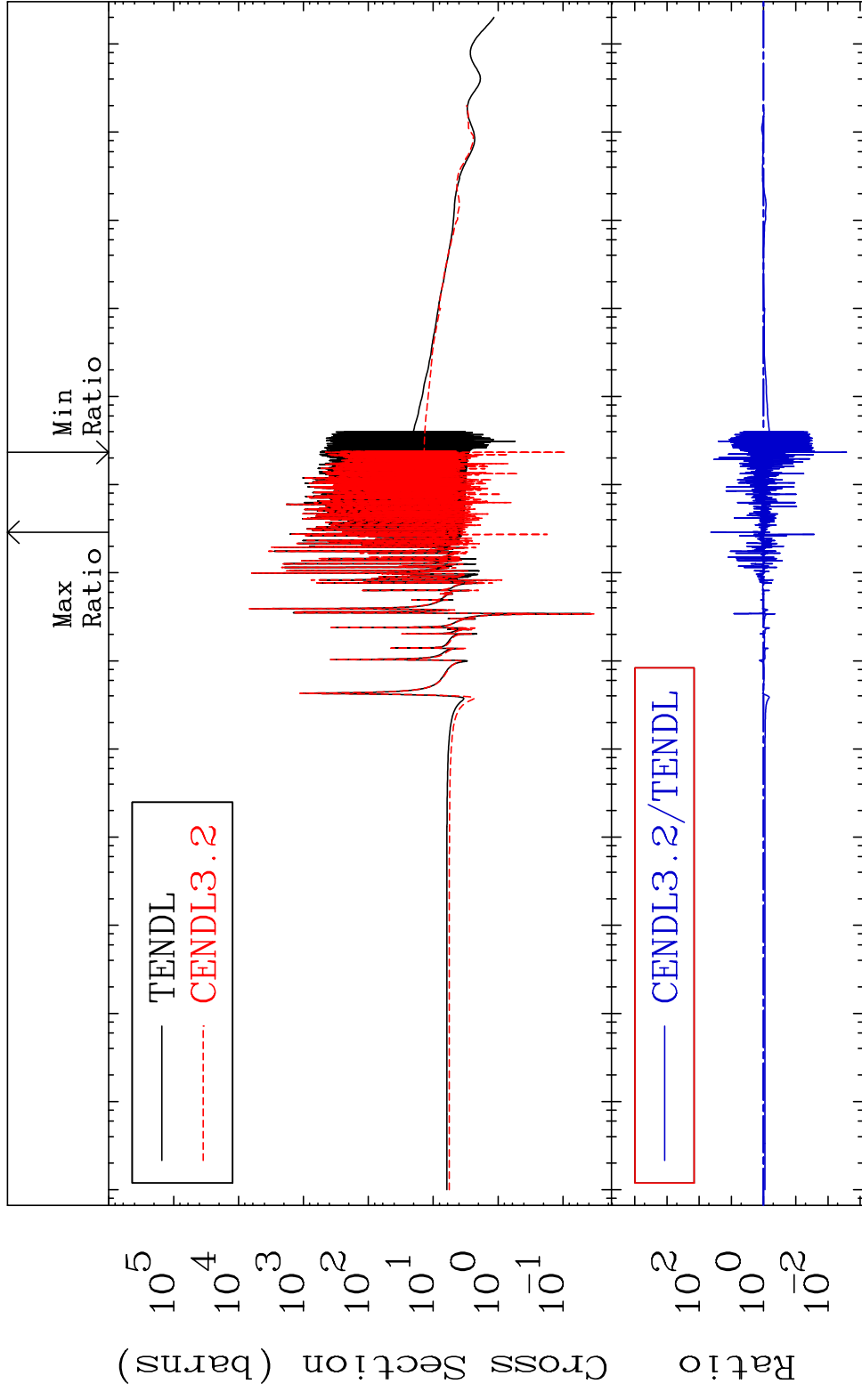
Total Cross Section -97.83 To 9999. %
73-Ta-181



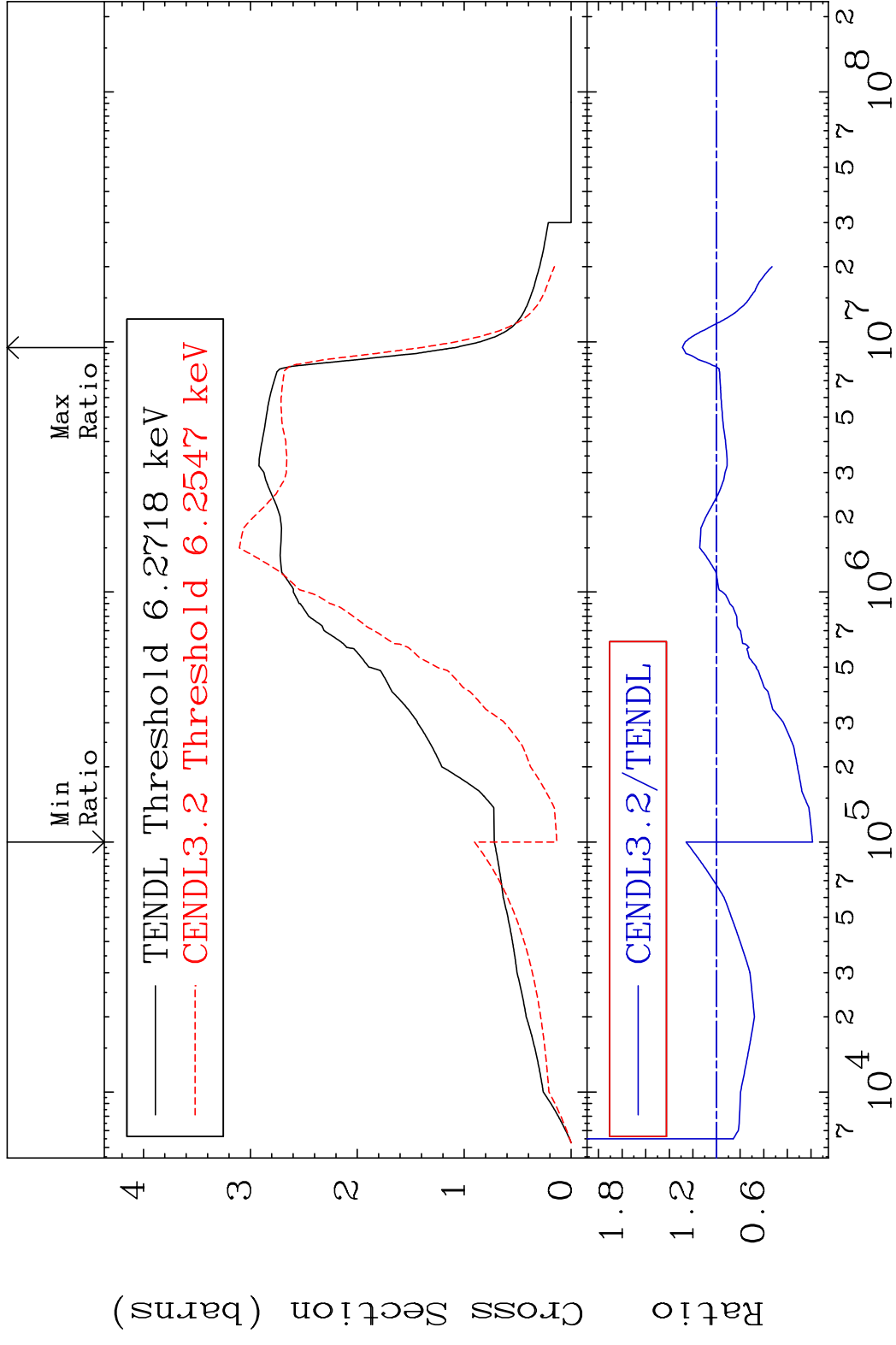
1 Incident Energy (eV) 73-Ta-181

MAT 7328

Elastic Cross Section -99.73 To 4285. %
73-Ta-181

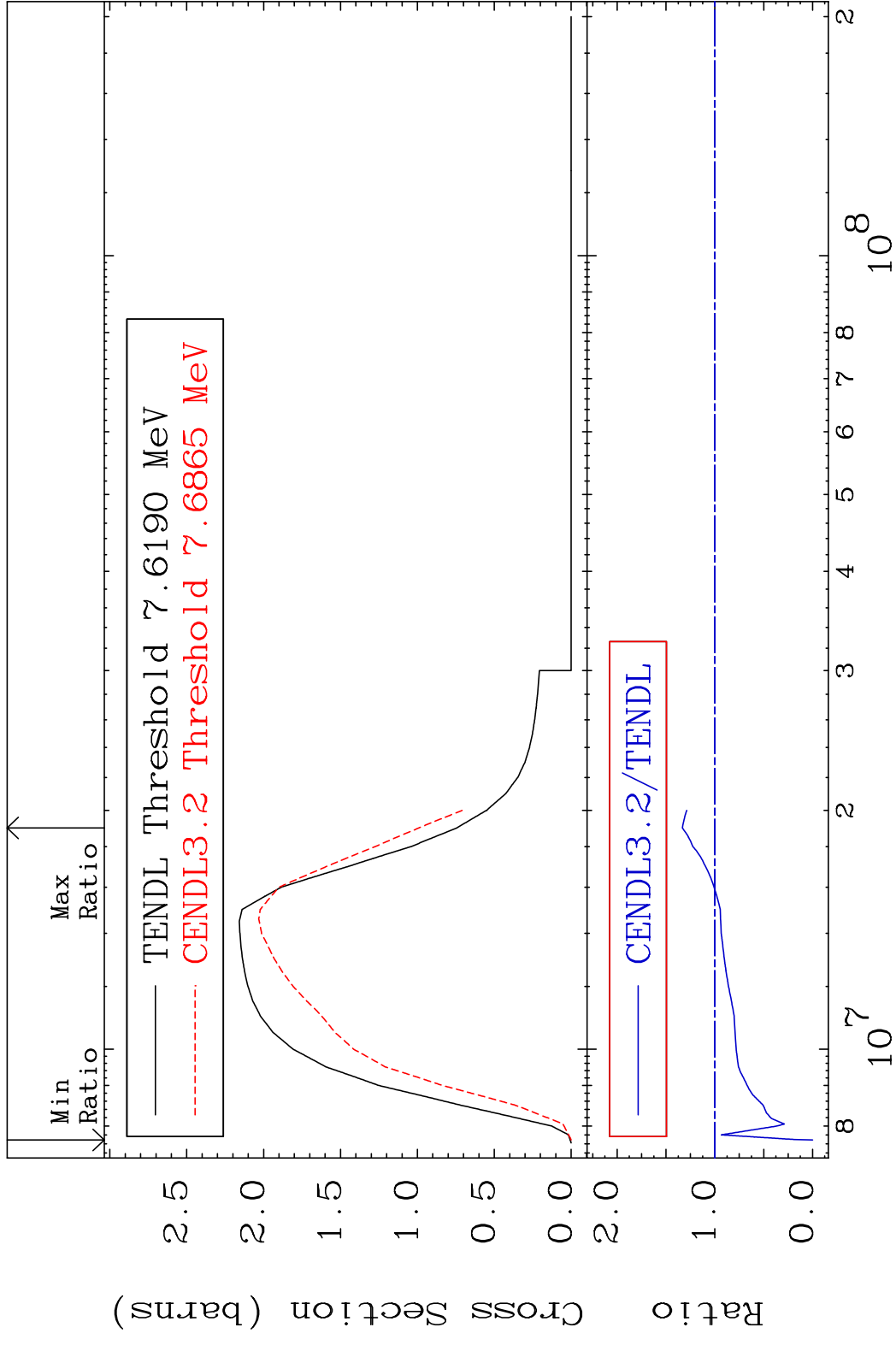


MAT 7328 Inelastic Cross Section -81.31 To 28.96 % 73-Ta-181



3 Incident Energy (eV) 73-Ta-181

MAT 7328 (n,2n) 73-Ta-181
 Cross Section -100.0 To 33.26 %



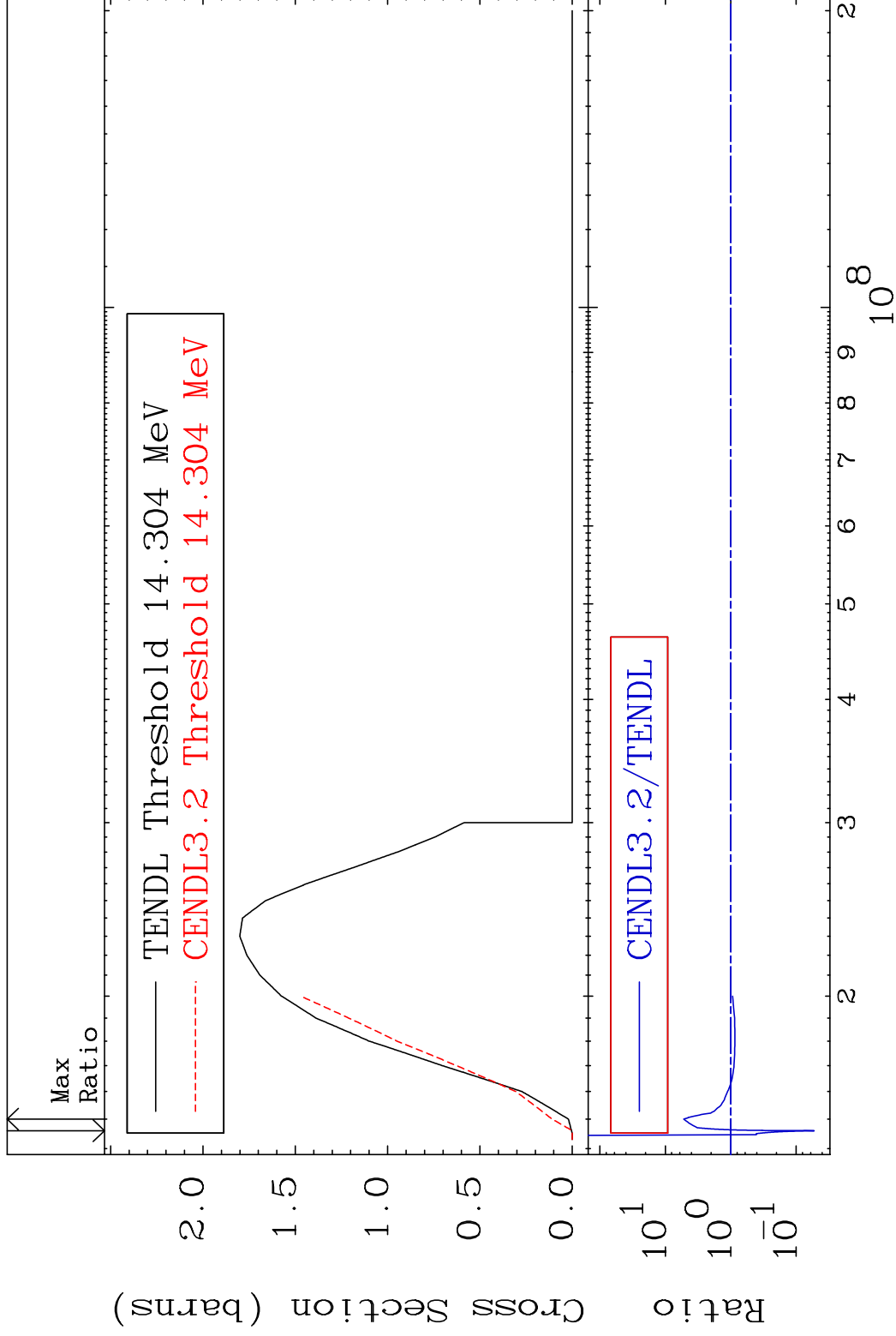
4 Incident Energy (eV) 73-Ta-181

MAT 7328

(n,3n)

73-Ta-181

Cross Section -94.69 To 424.6 %



5

Incident Energy (eV)

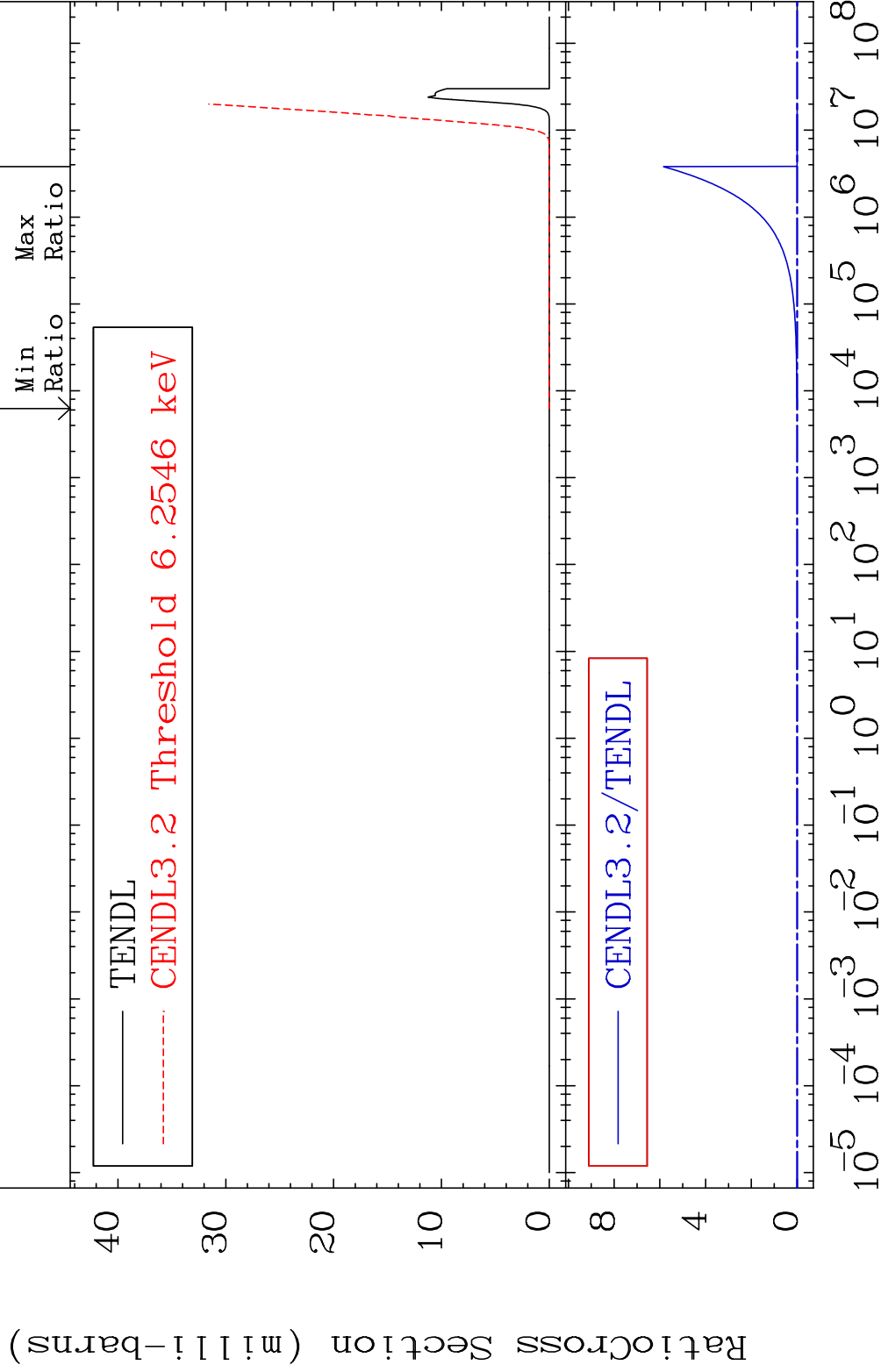
73-Ta-181

MAT 7328

(n, n') α

73-Ta-181

Cross Section -100.0 To 9999. %



6

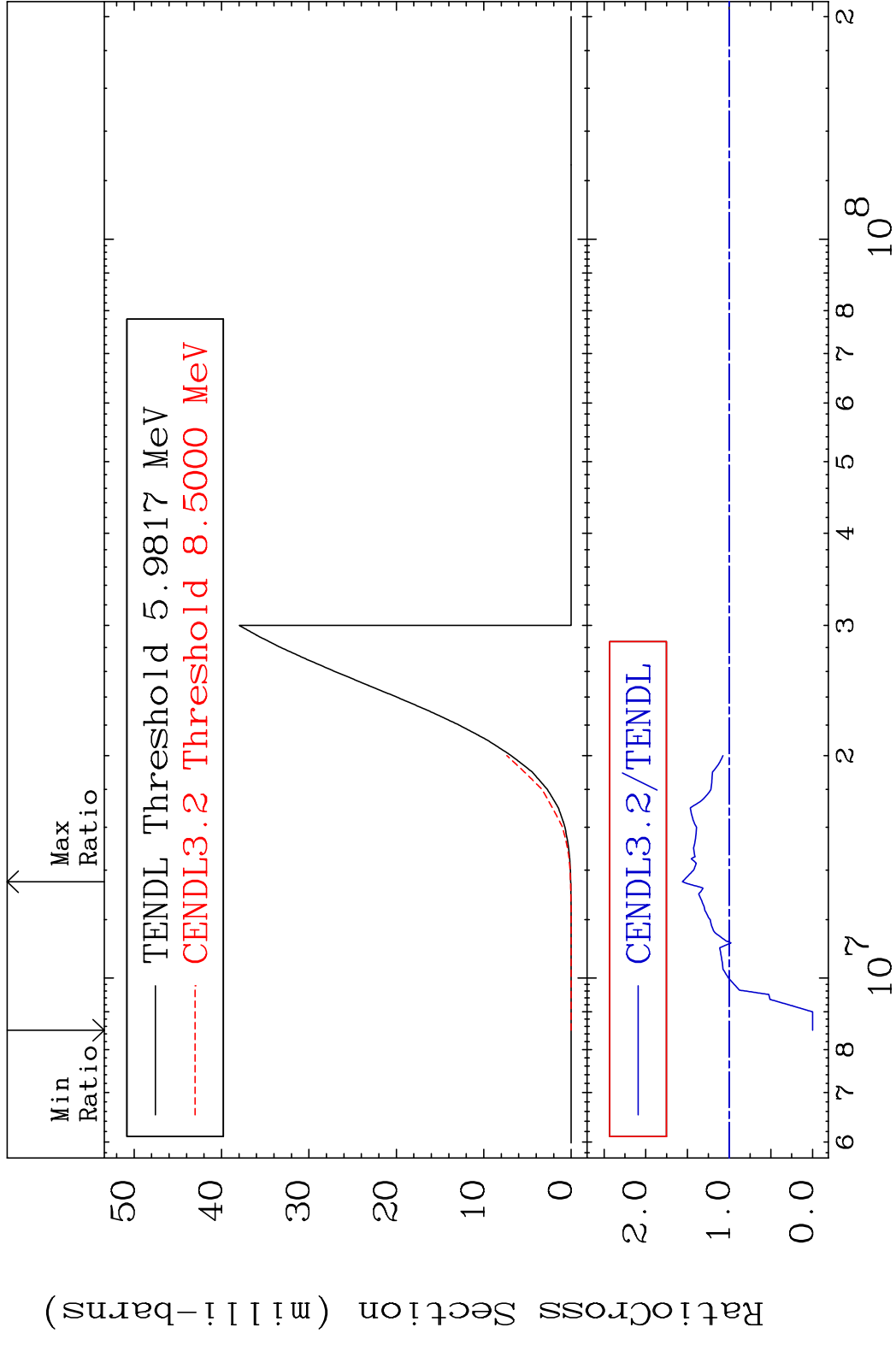
Incident Energy (eV)

73-Ta-181

MAT 7328

(n, n') p 73-Ta-181

Cross Section -100.0 To 56.13 %



7

Incident Energy (eV)

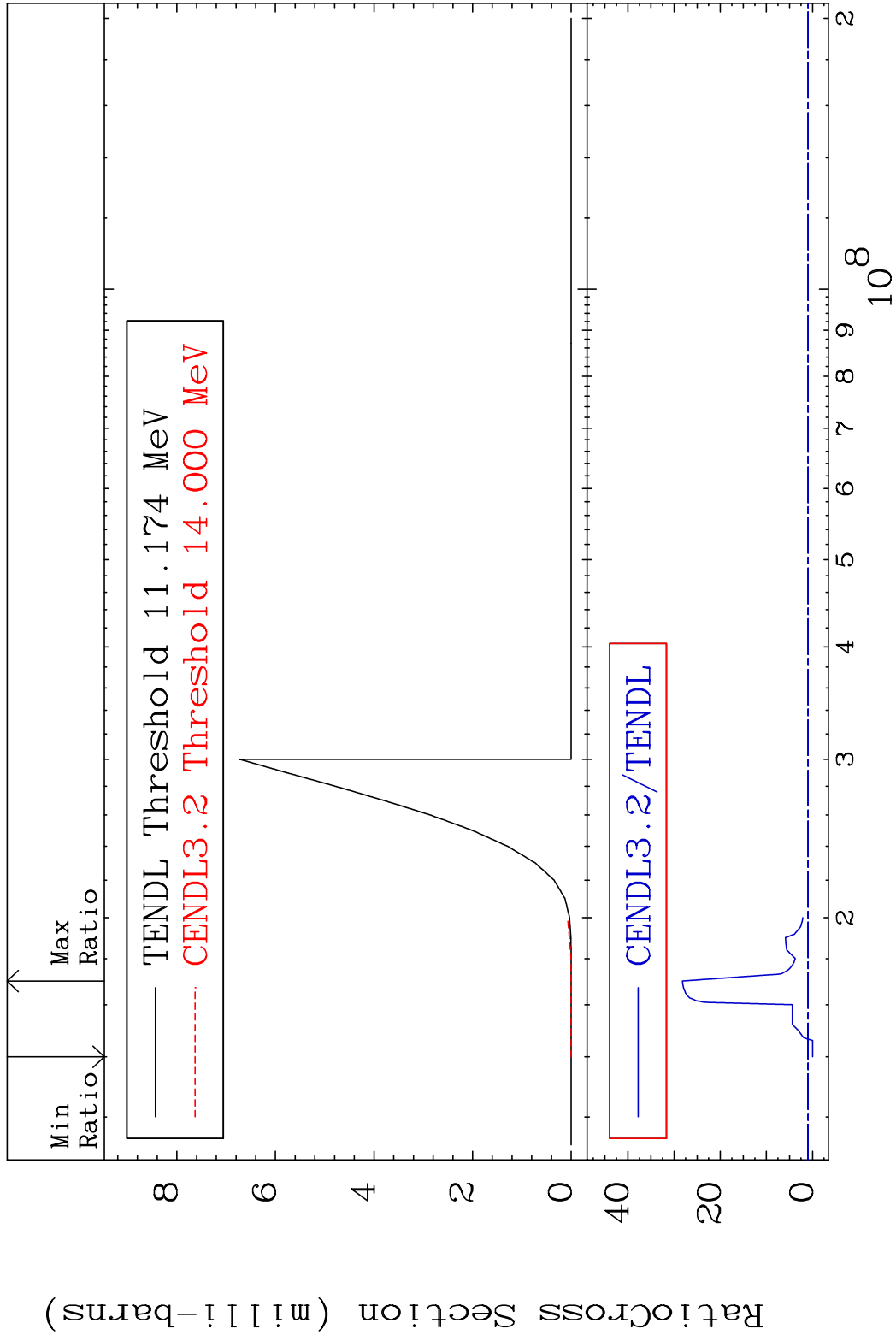
73-Ta-181

MAT 7328

(n, n') d

73-Ta-181

Cross Section -100.0 To 2721. %



8

Incident Energy (eV)

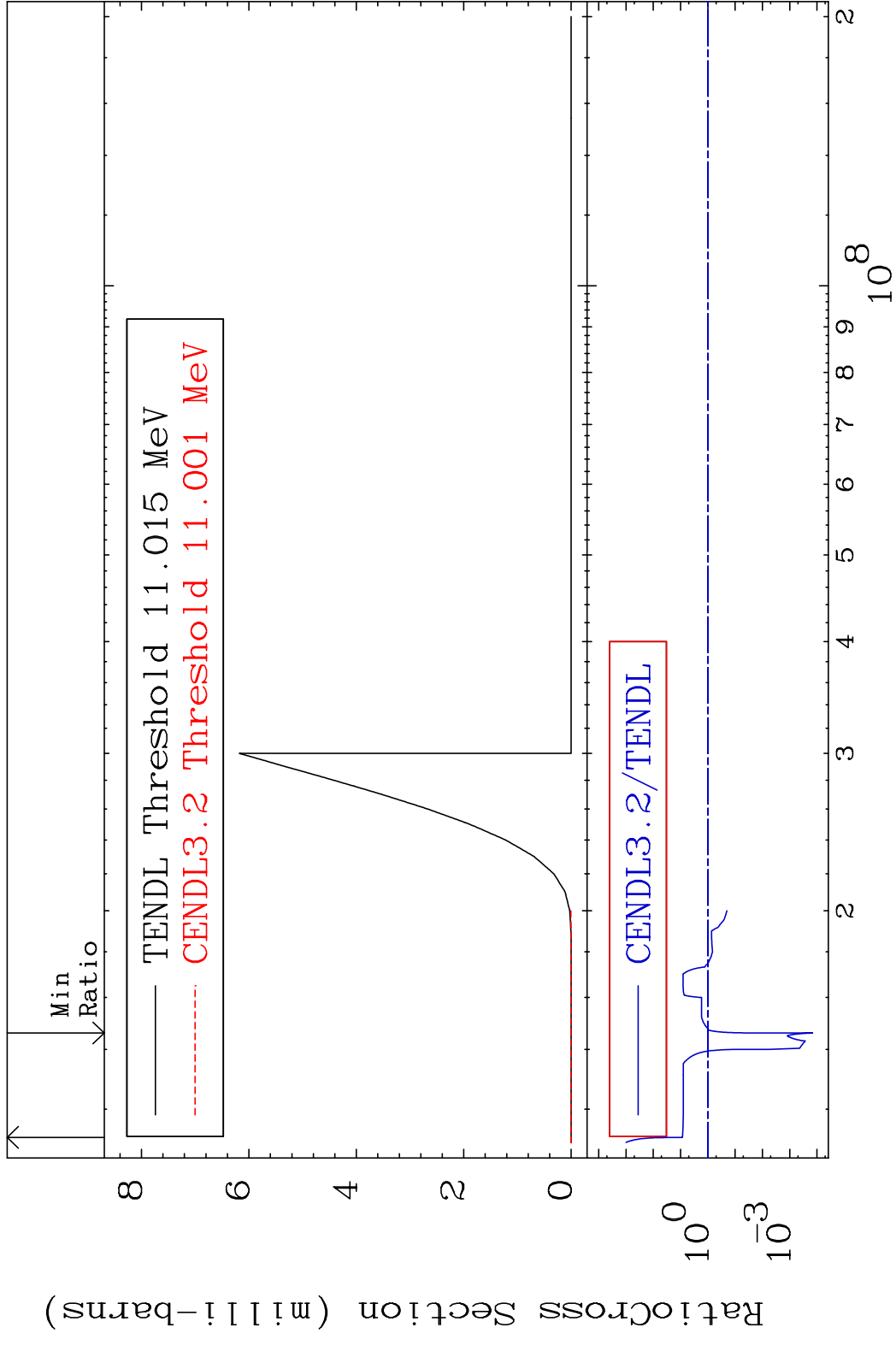
73-Ta-181

MAT 7328

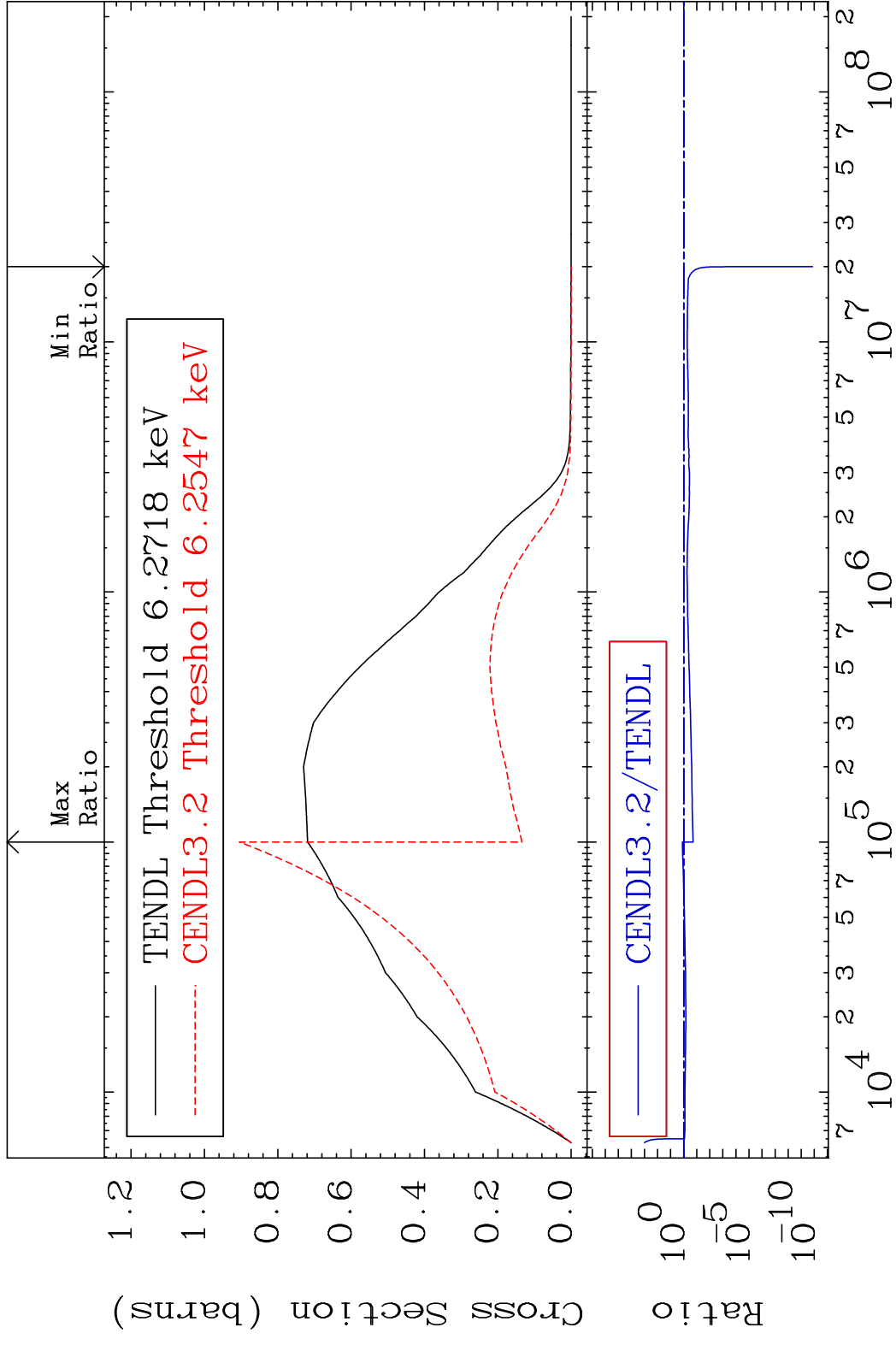
(n, n') t

73-Ta-181

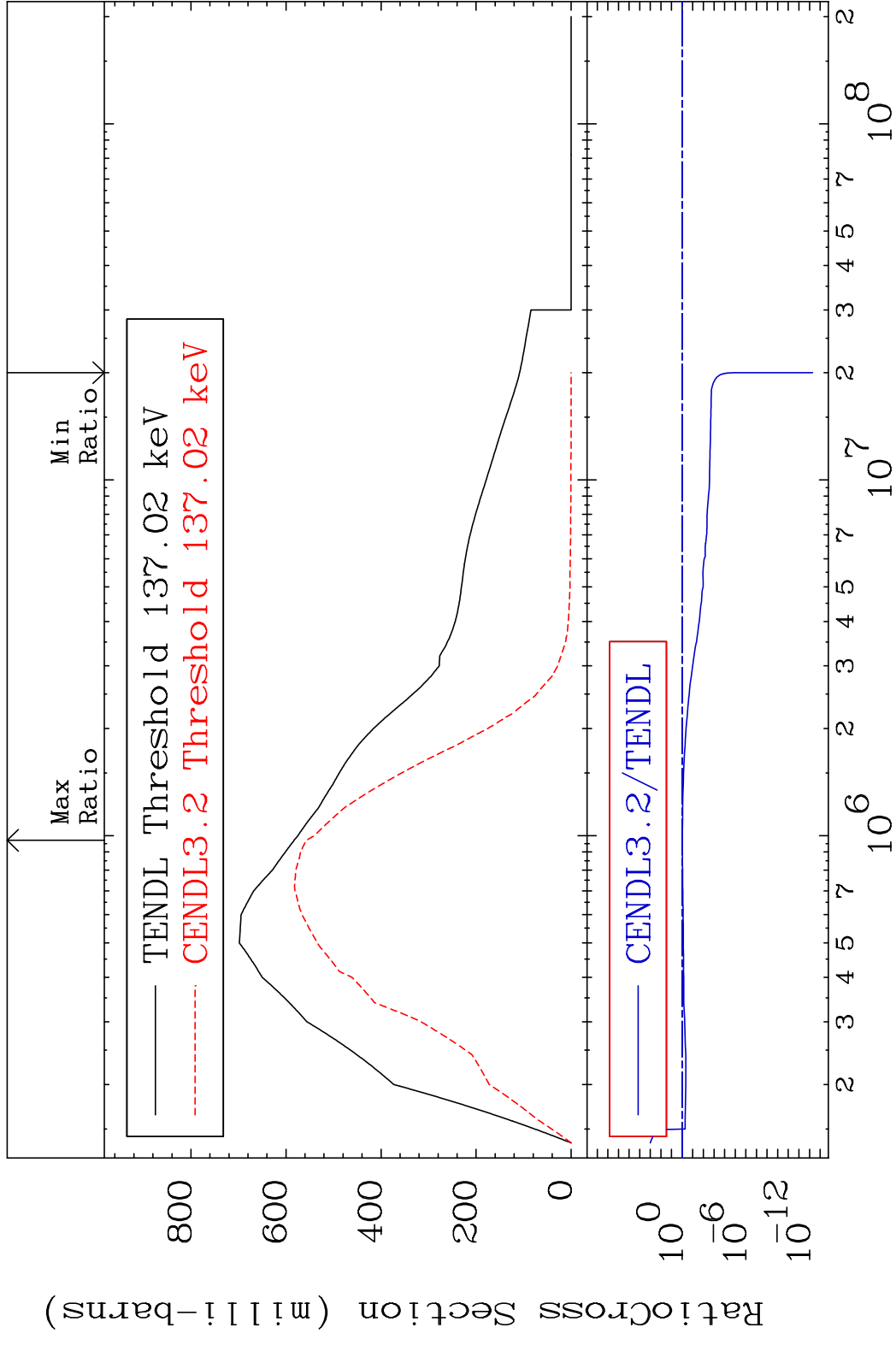
Cross Section -99.99 To 759.4 %



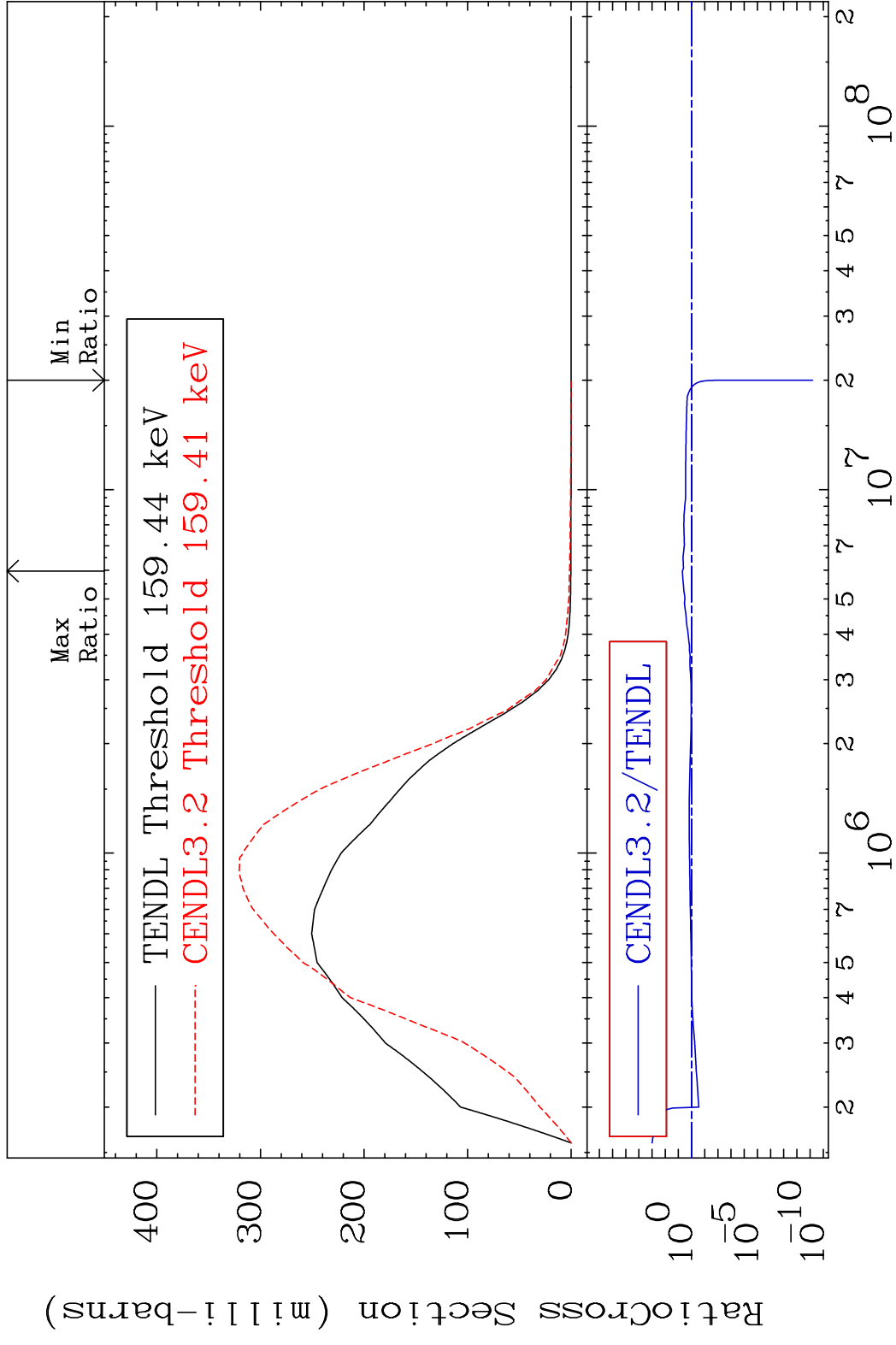
MAT 7328 MT= 51 (n,n') Level 73-Ta-181
 Cross Section -100.0 To 25.89 %



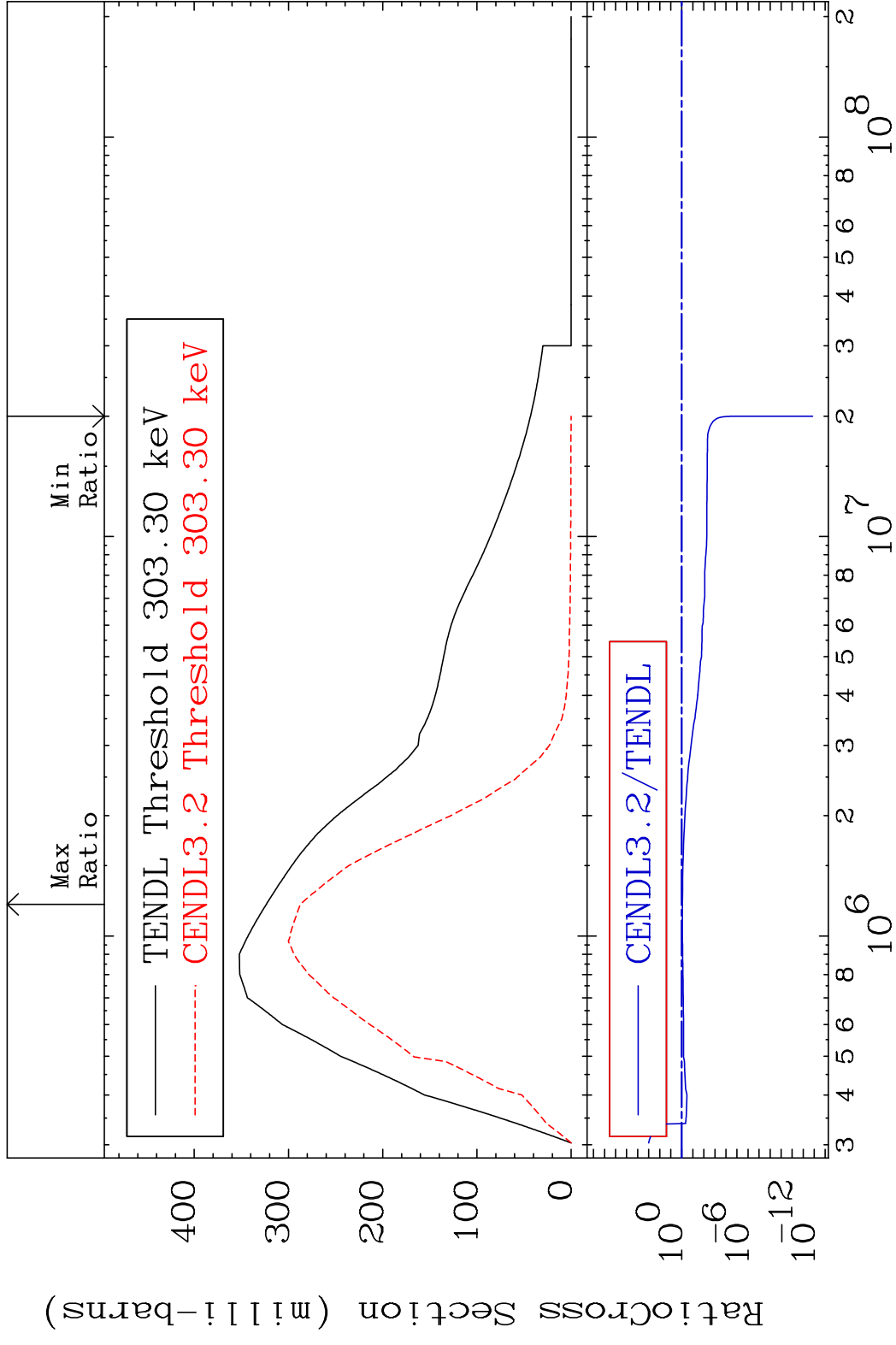
MAT 7328 MT= 52 (n, n') Level 73-Ta-181
 Cross Section -100.0 To -4.368%



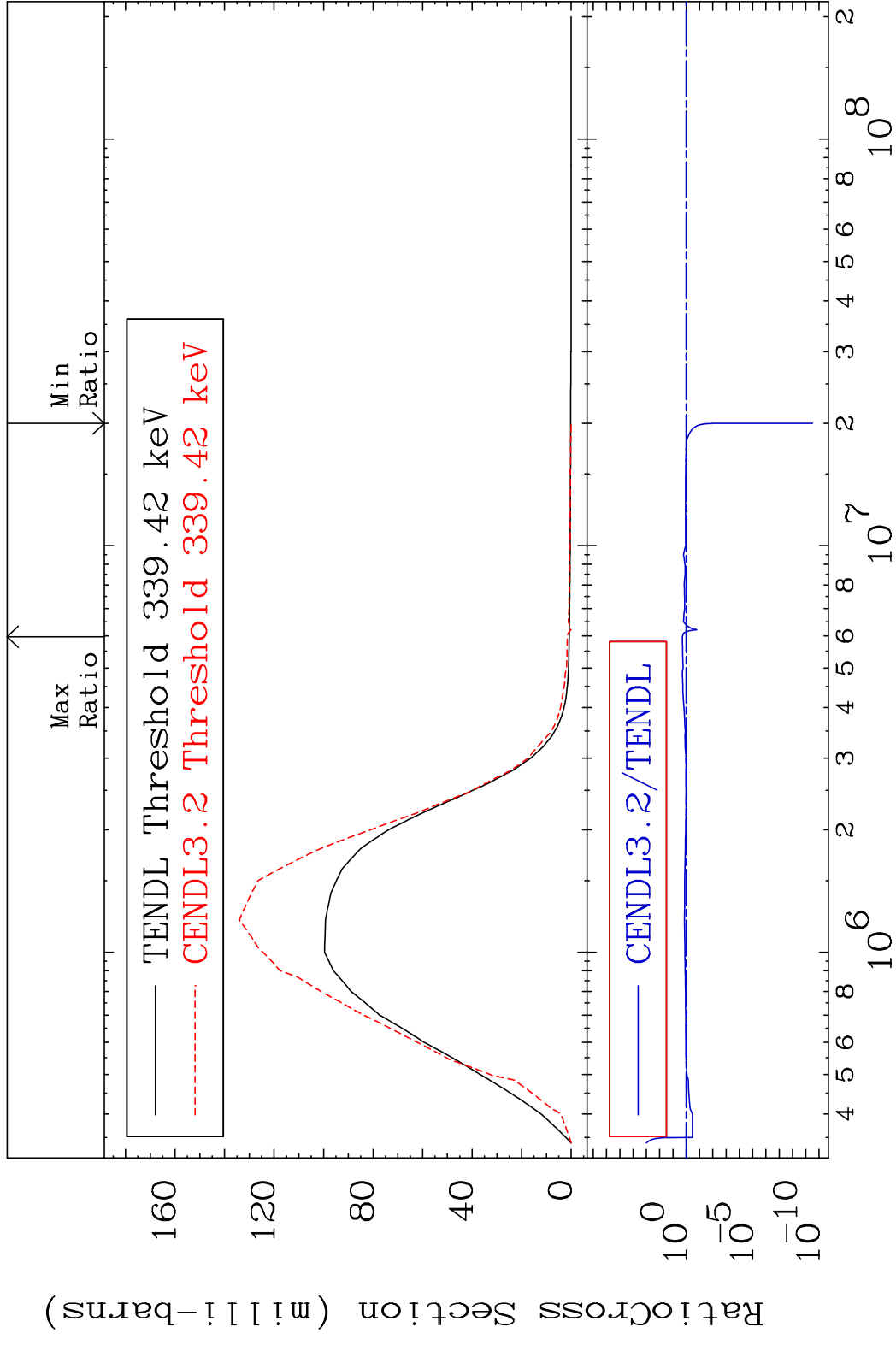
MAT 7328 MT= 53 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 400.4 %



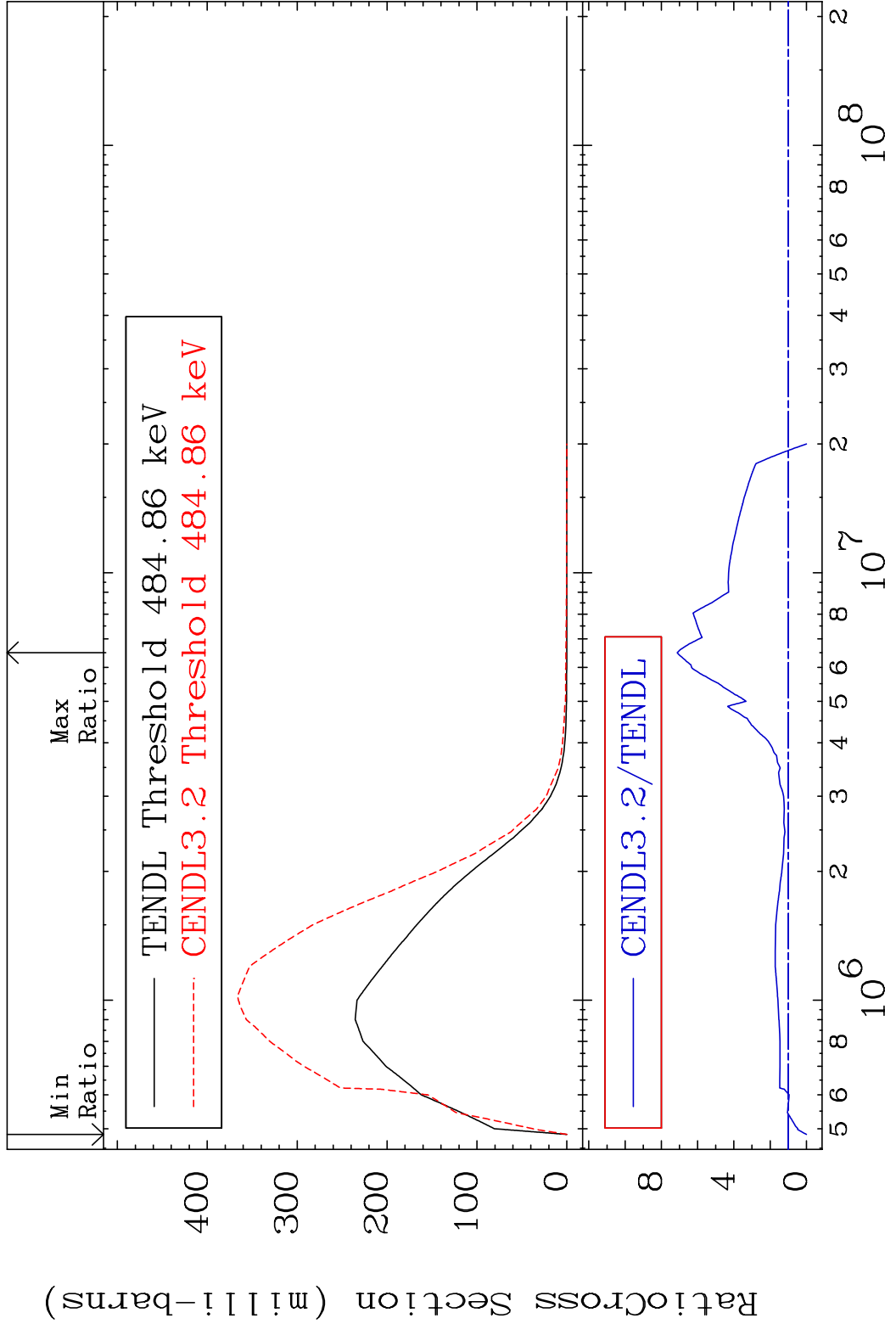
MAT 7328 MT= 54 (n, n') Level 73-Ta-181
 Cross Section -100.0 To -11.12%



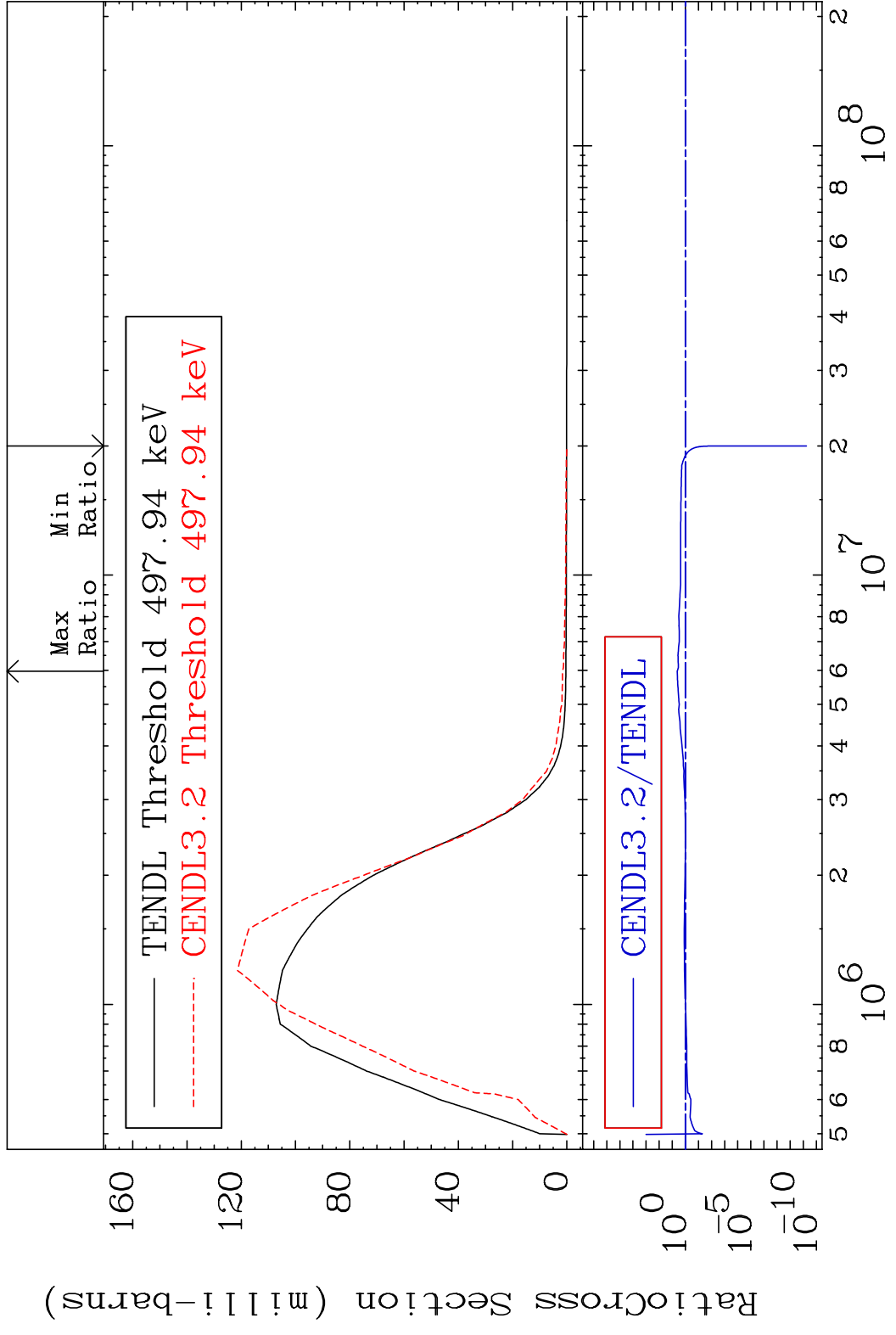
MAT 7328 MT= 55 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 96.32 %



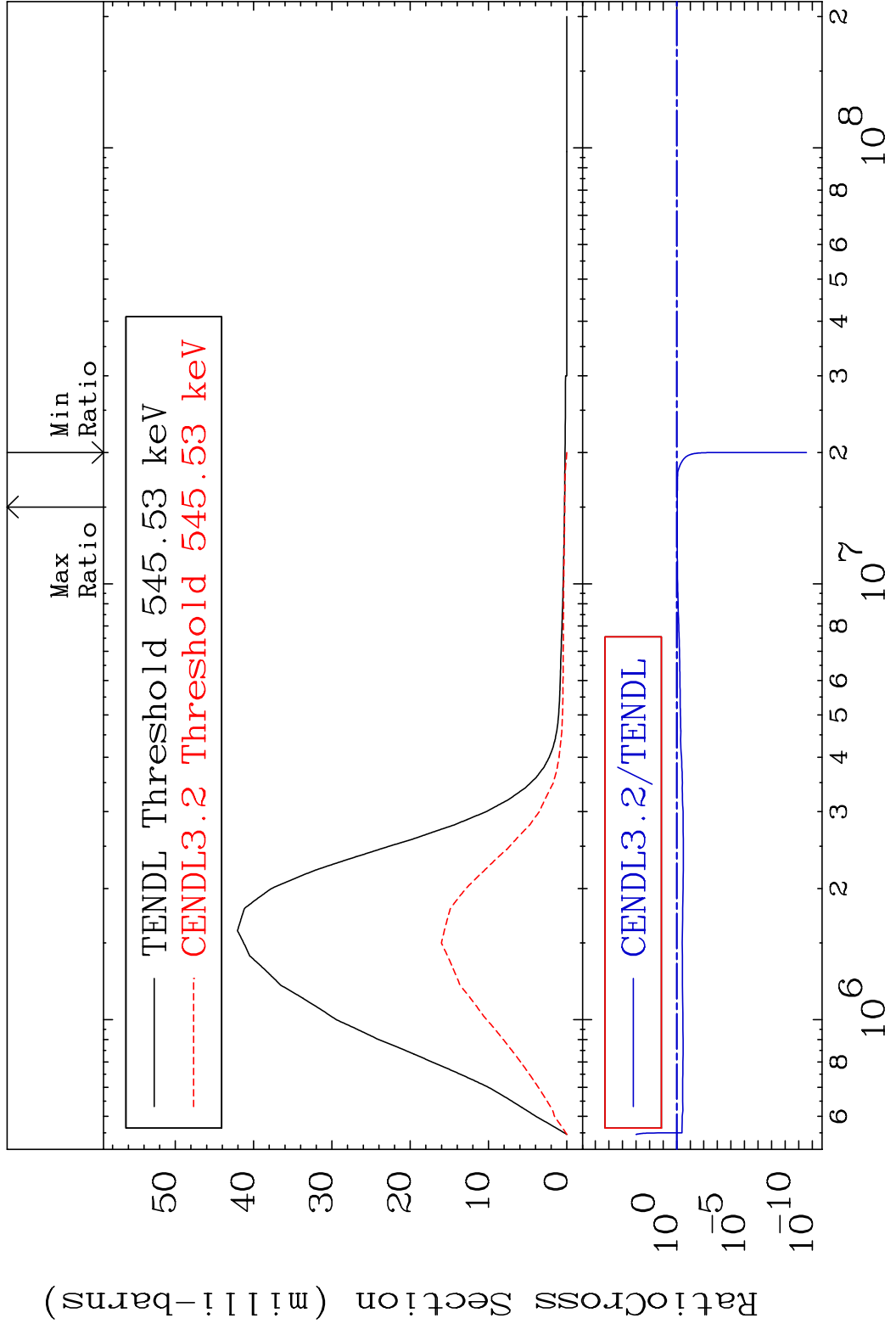
MAT 7328 MT= 56 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 612.7 %



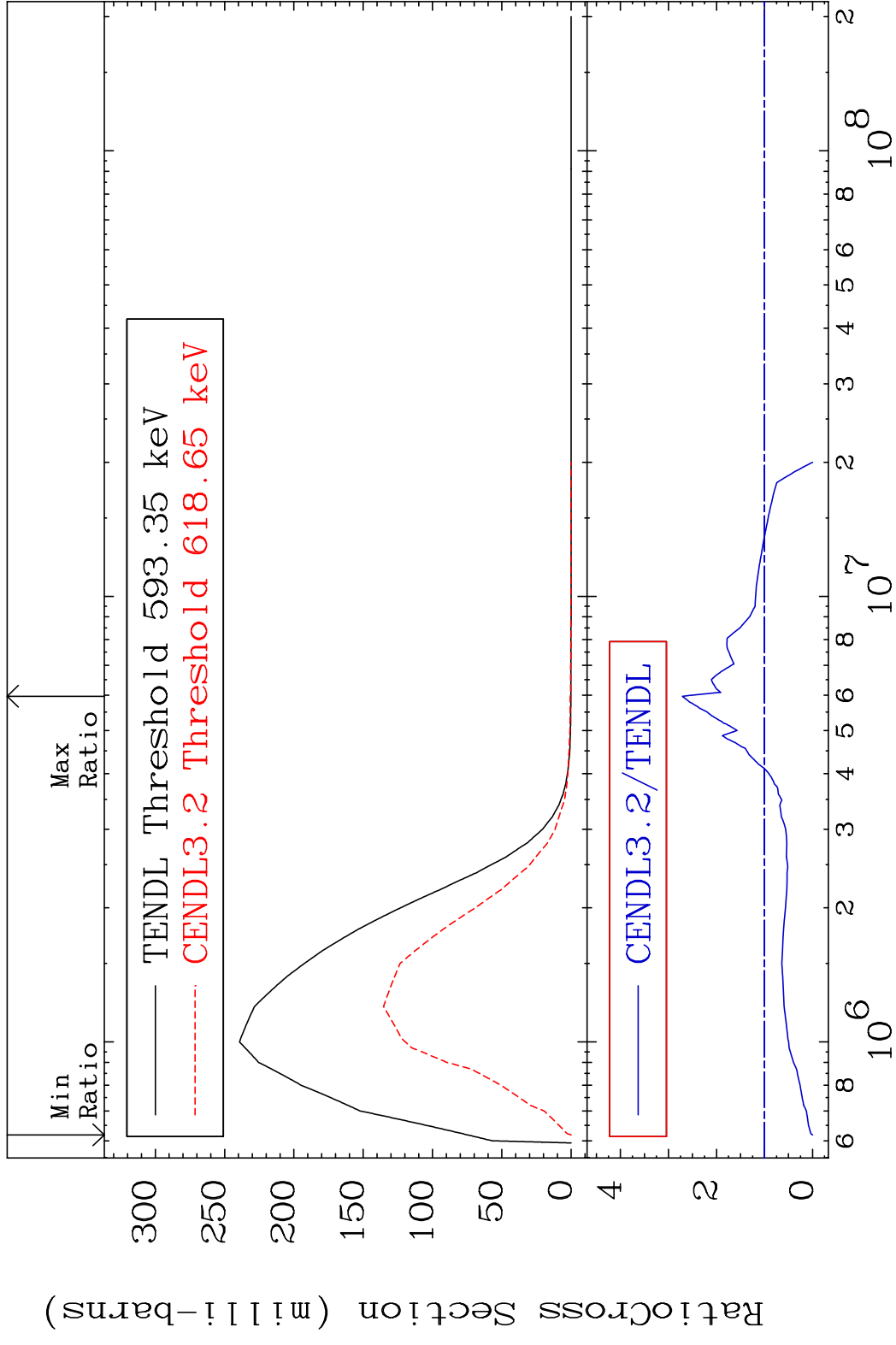
MAT 7328 MT= 57 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 320.8 %



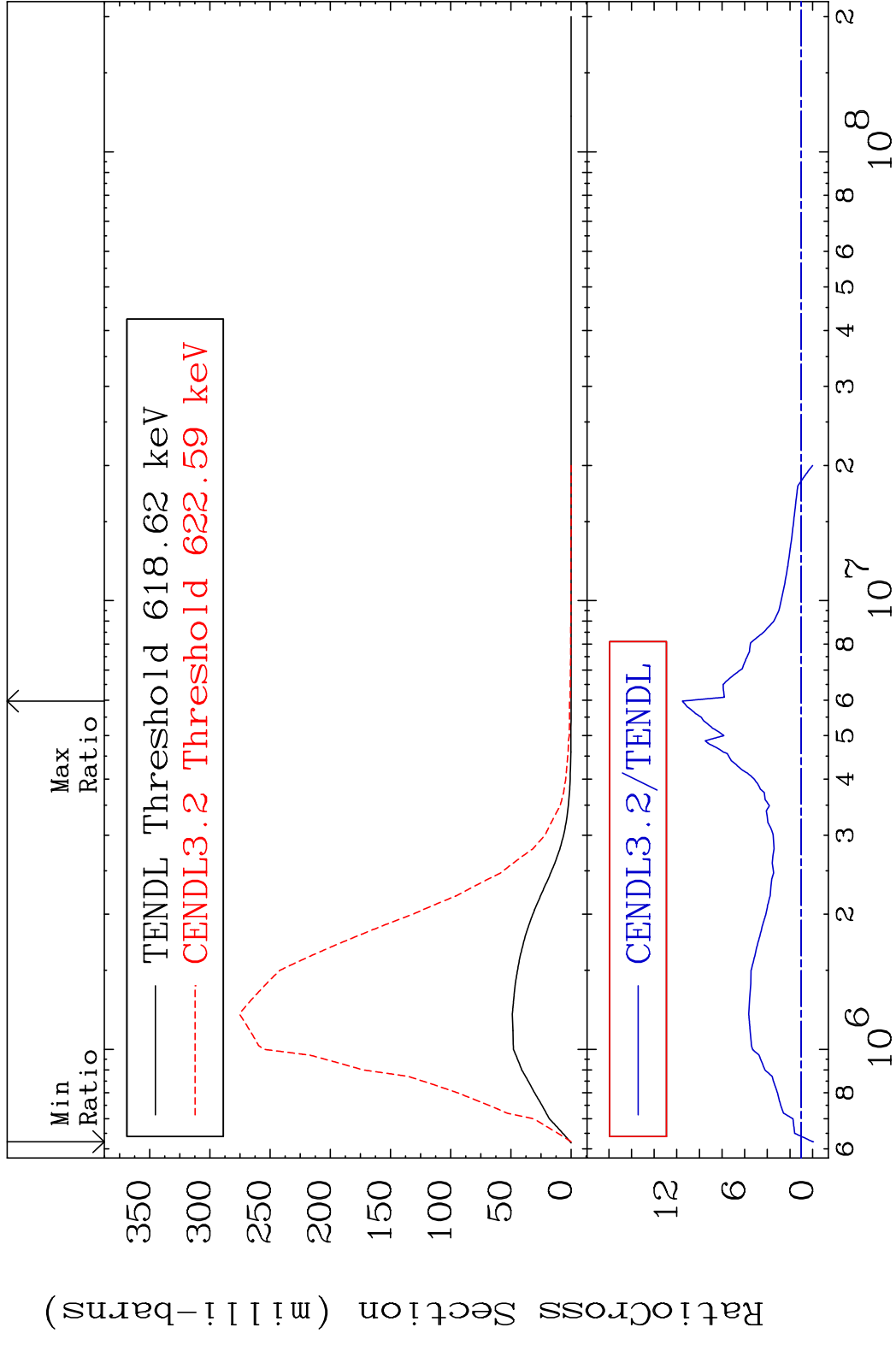
MAT 7328 MT= 58 (n, n') Level 73-Ta-181
 Cross Section -100.0 To -8.189%



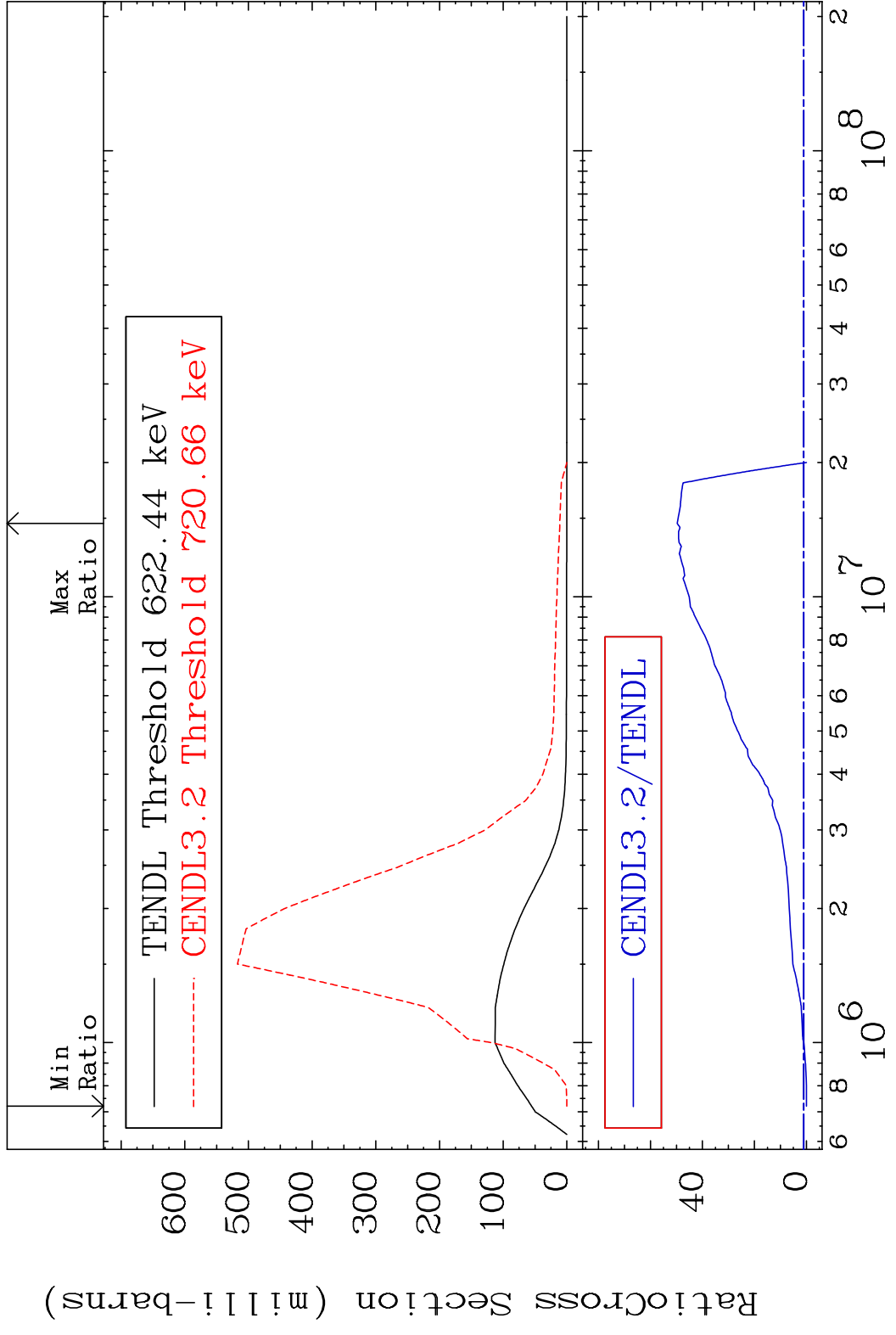
MAT 7328 MT= 59 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 171.1 %



MAT 7328 MT= 60 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 1051. %

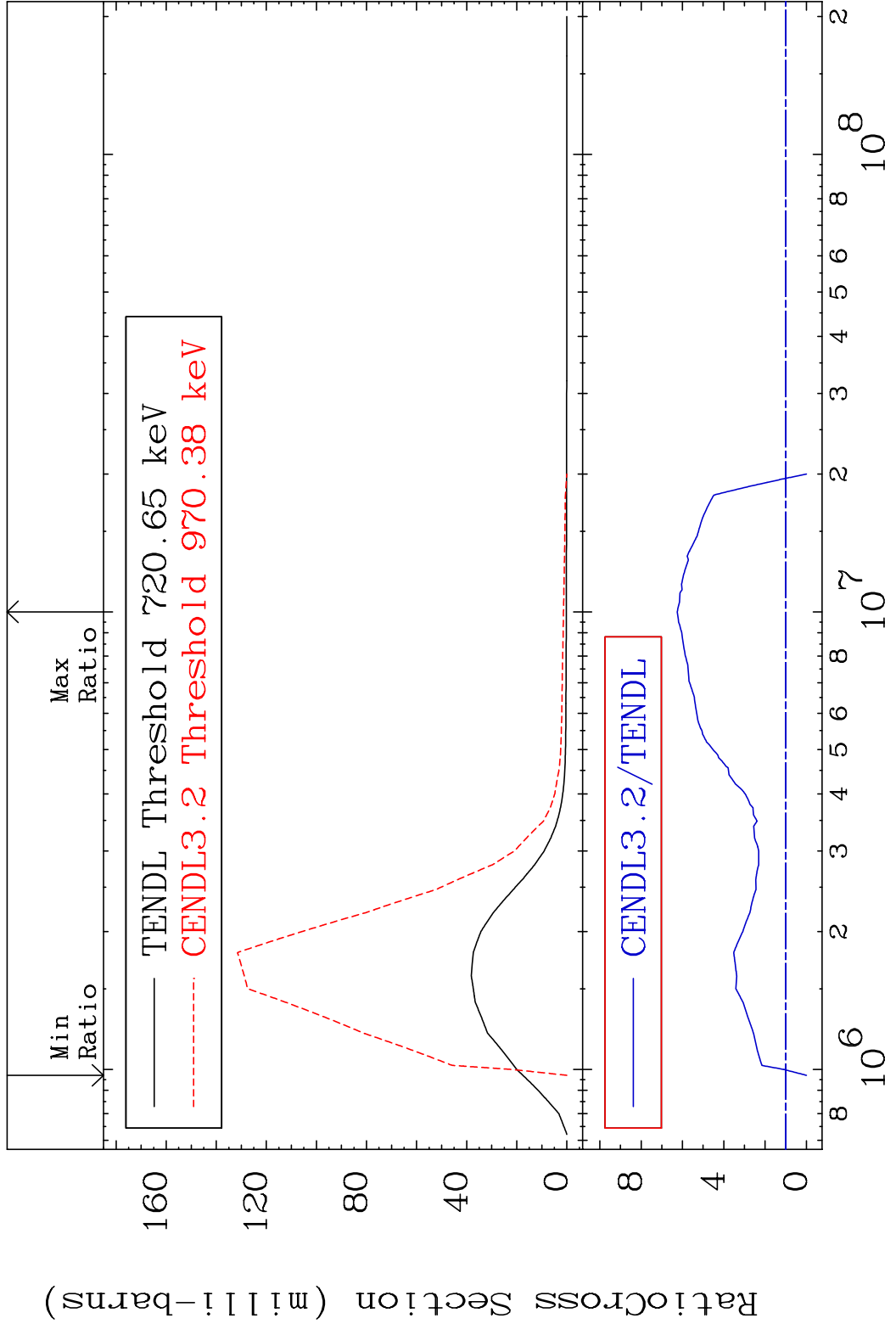


MAT 7328 MT= 61 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 4871. %



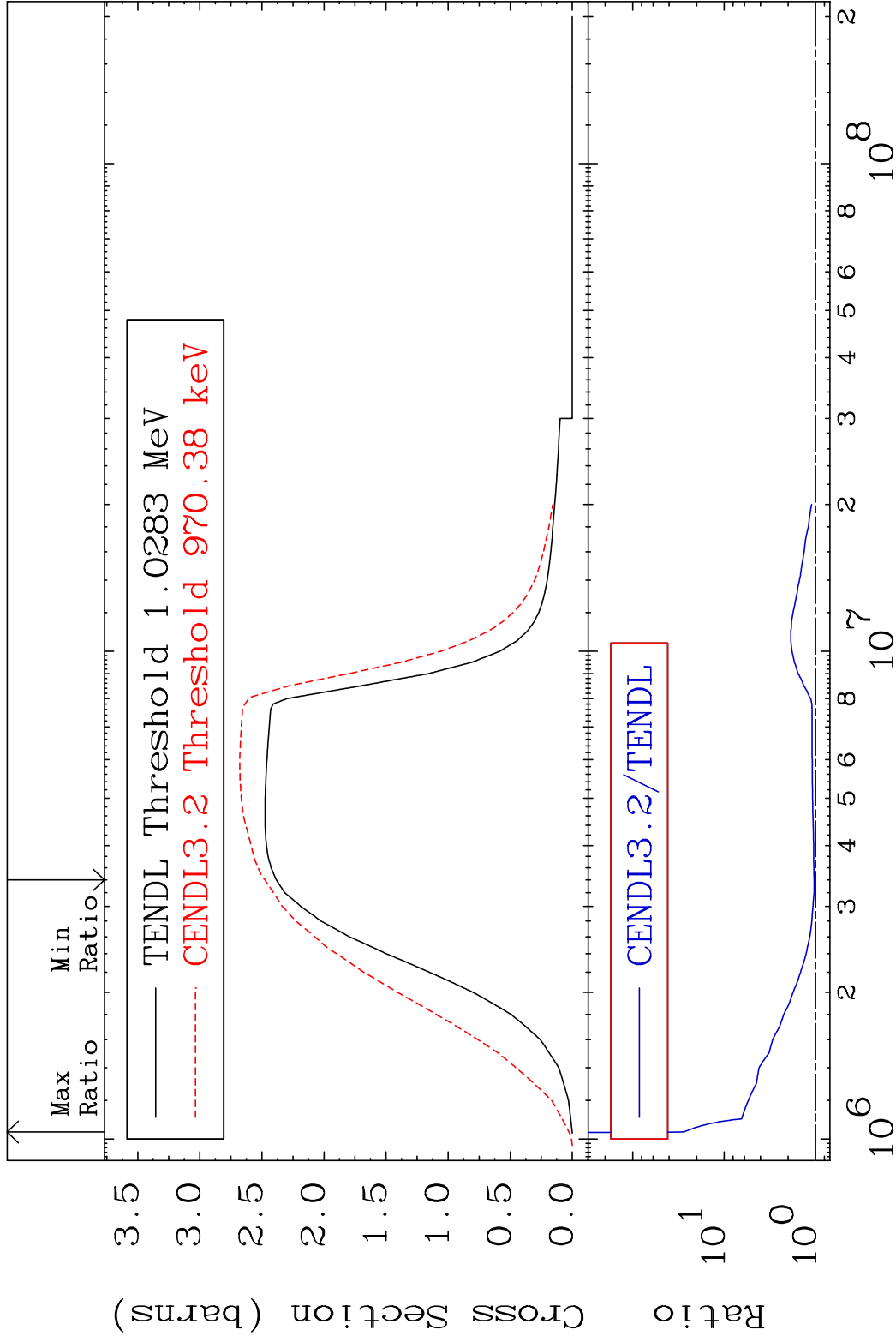
20 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 62 (n, n') Level 73-Ta-181
 Cross Section -100.0 To 525.4 %



MAT 7328

(n, n') Continuum 73-Ta-181
Cross Section 3.844 To 2673. %



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Incident Energy (eV)

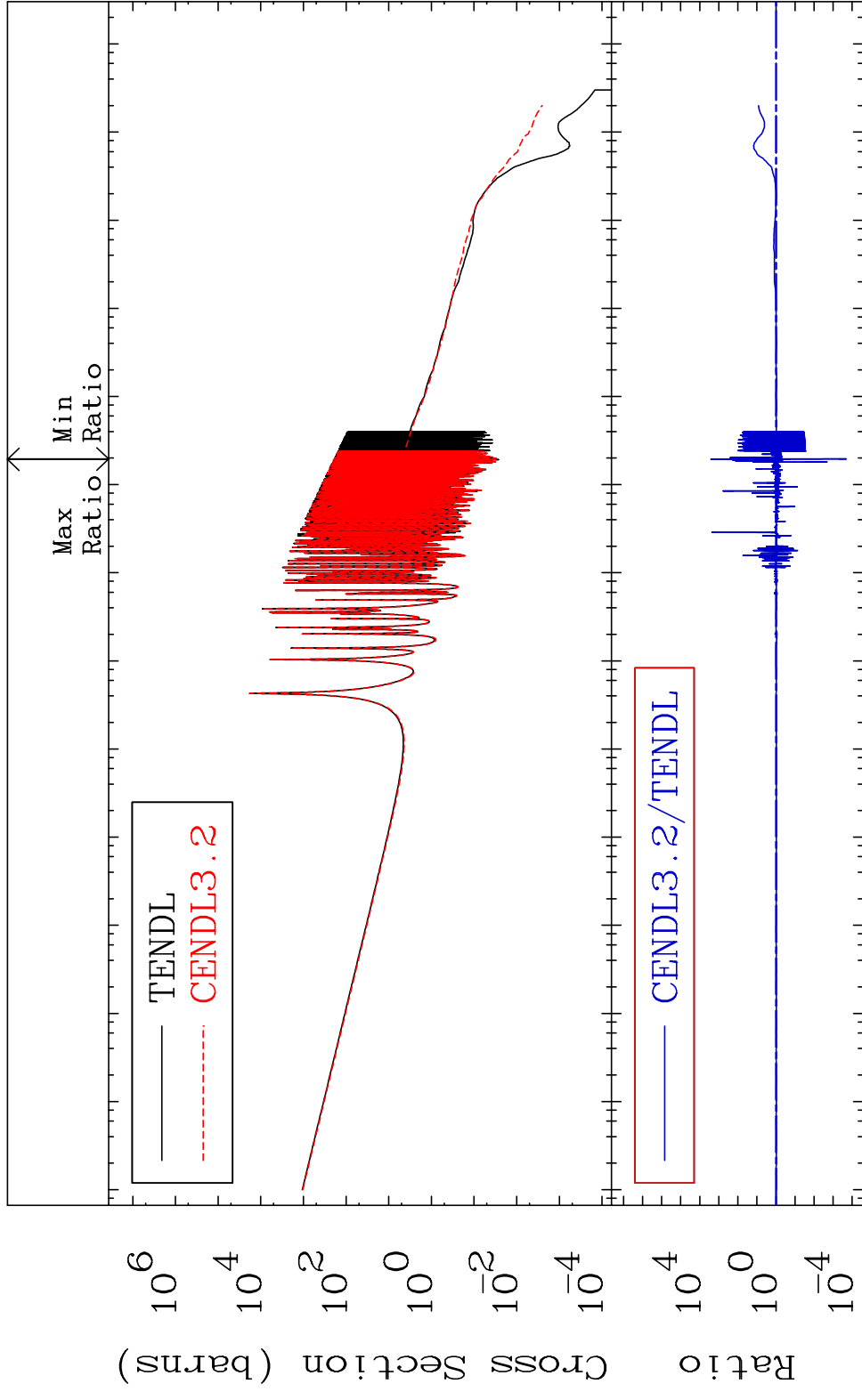
73-Ta-181

MAT 7328

73-Ta-181

(n, γ)

Cross Section -99.98 To 9999. %

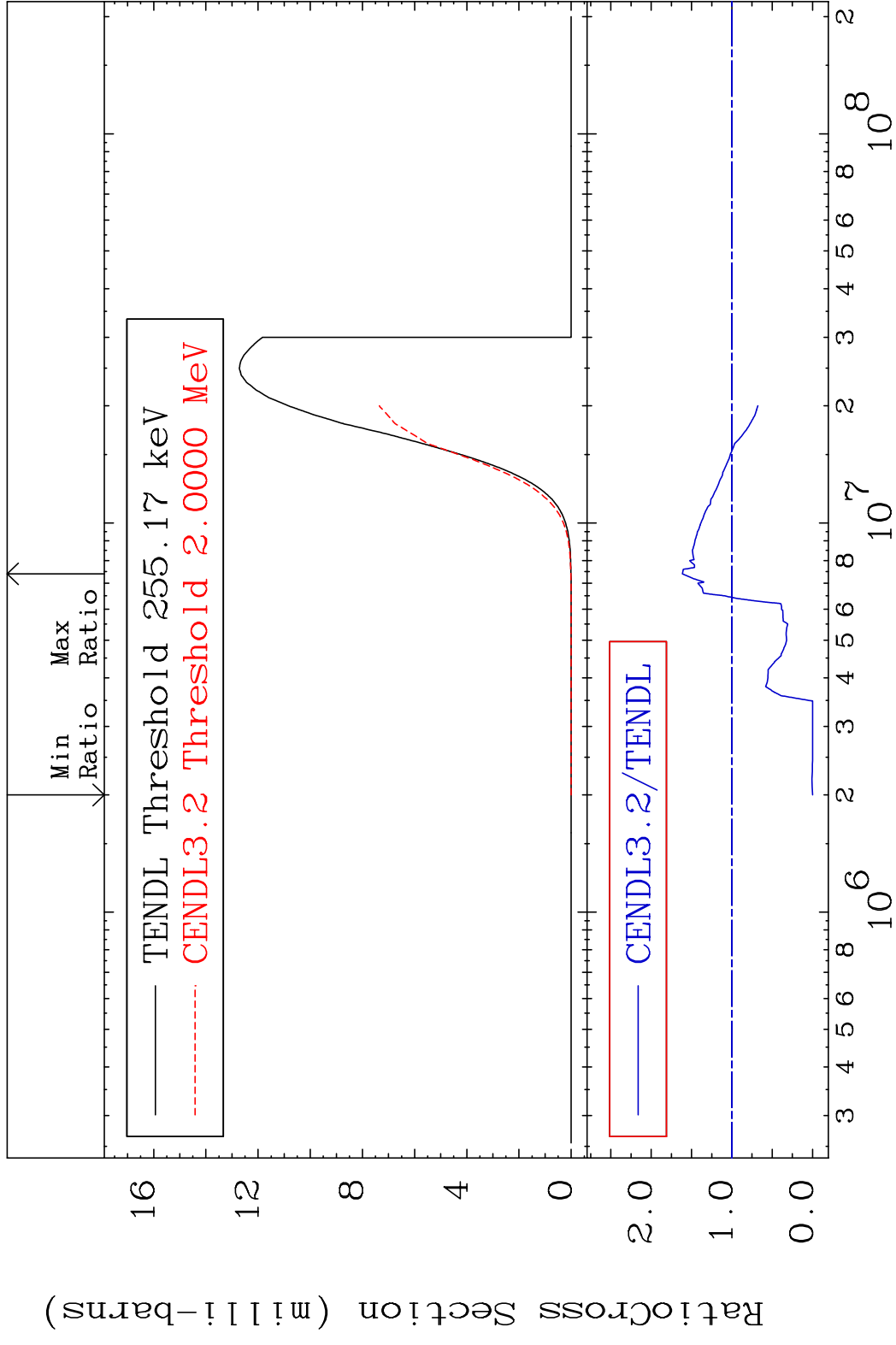


MAT 7328

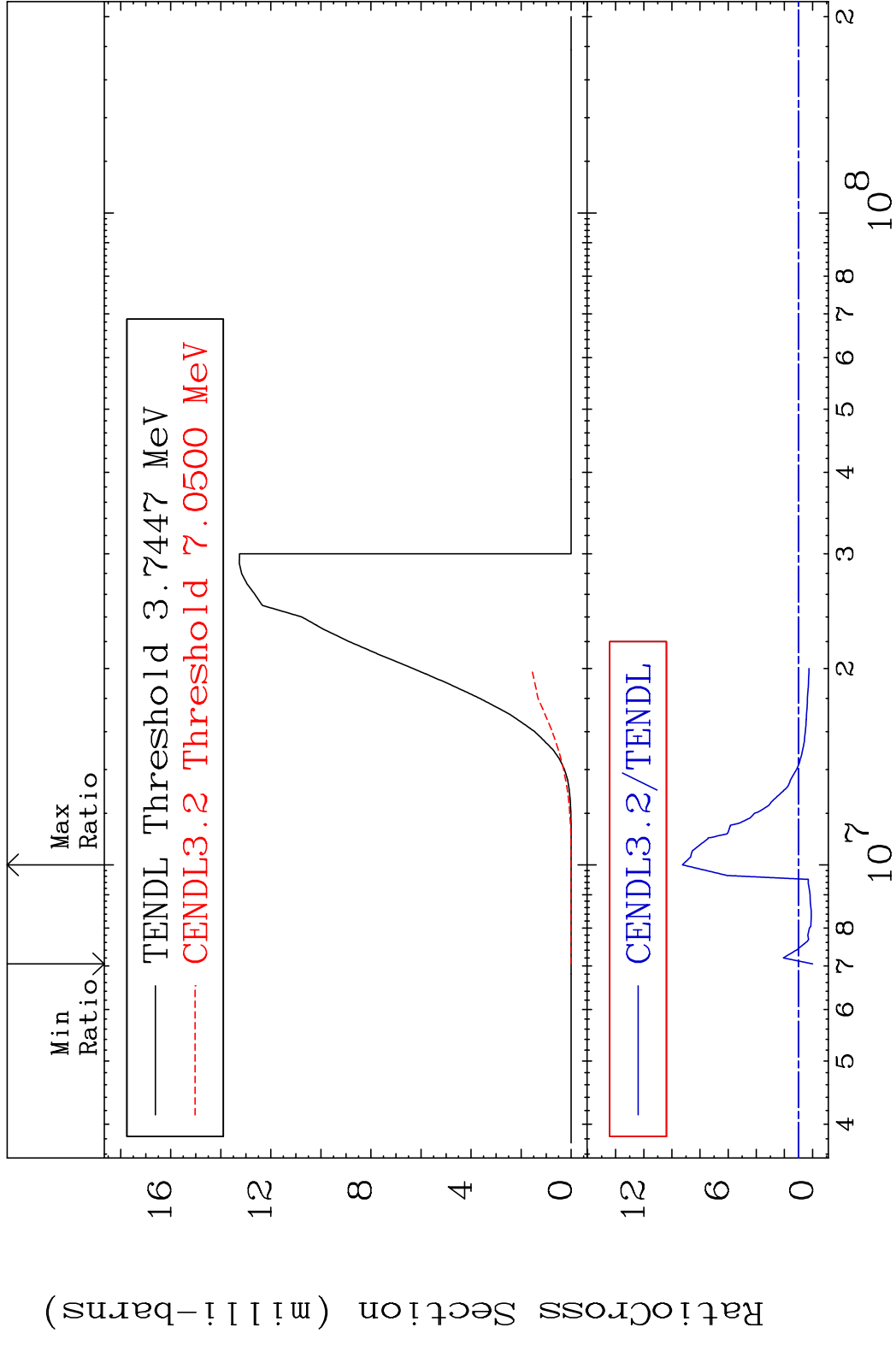
(n, p)

⁷³Ta-181

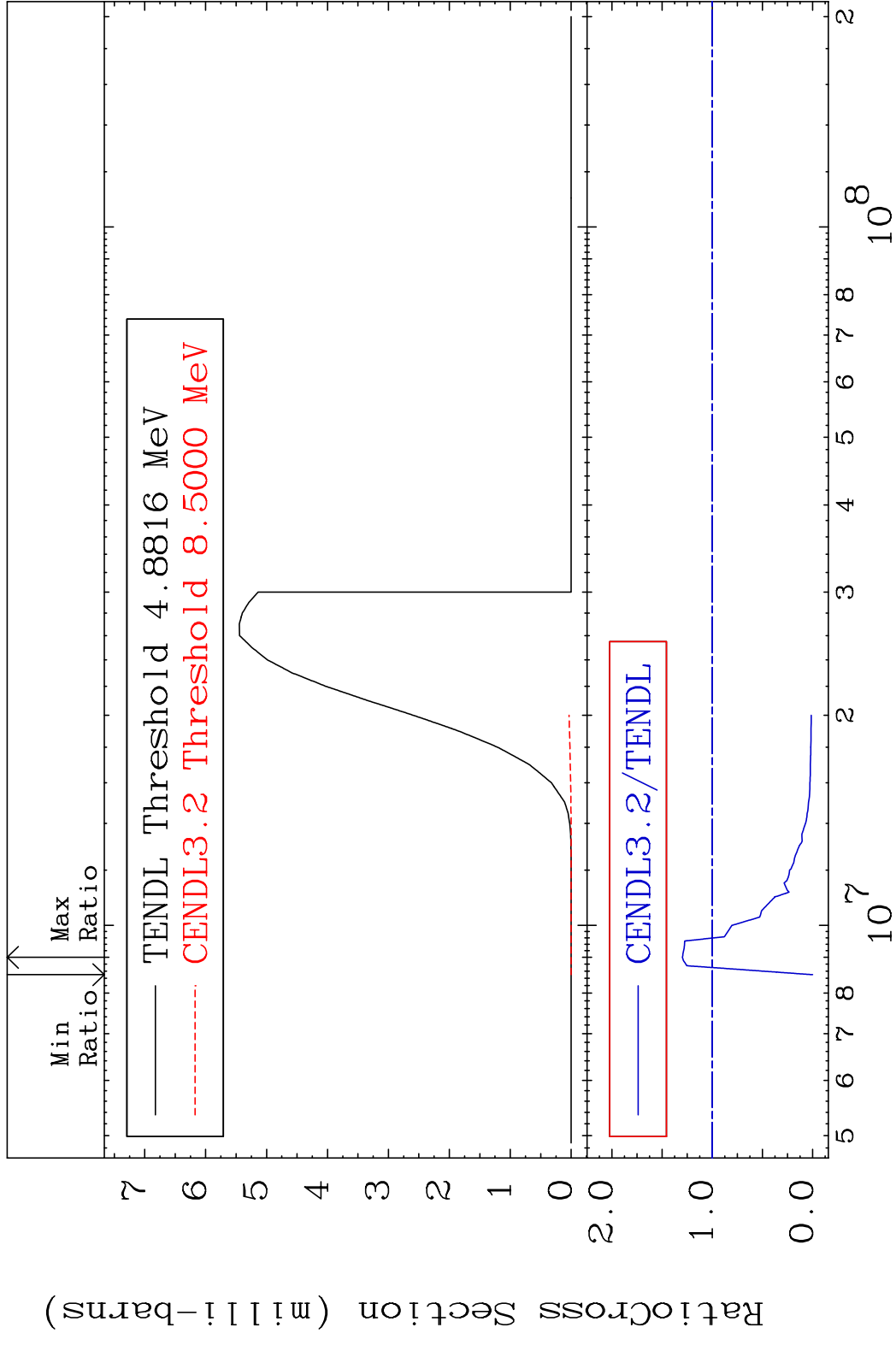
Cross Section -100.0 To 61.41 %



MAT 7328 (n,d) 73-Ta-181
 Cross Section -100.0 To 825.7 %



MAT 7328 (n, t) 73-Ta-181
 Cross Section -100.0 To 29.76 %

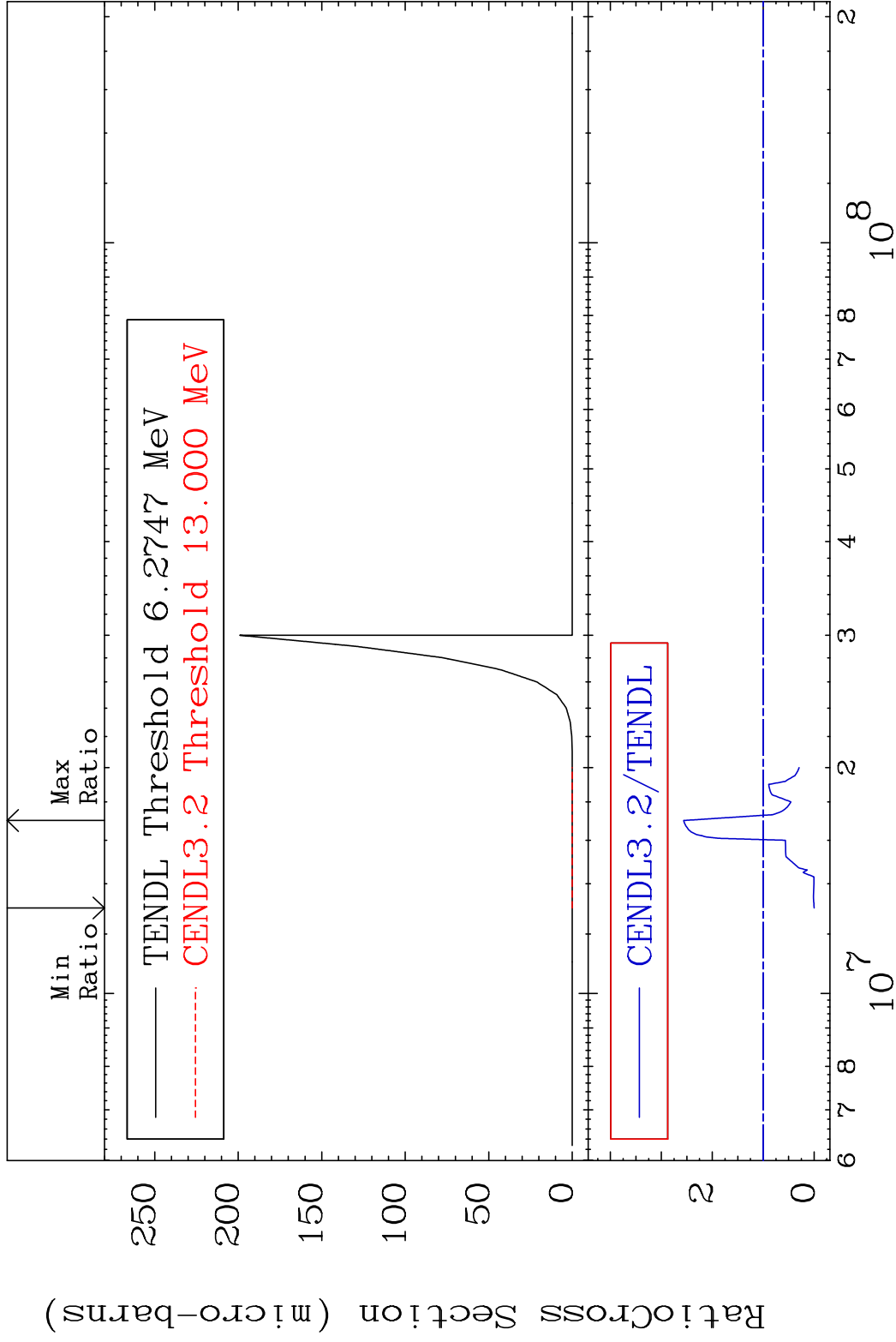


MAT 7328

(n, He-3)

73-Ta-181

Cross Section -100.0 To 156.2 %



27

Incident Energy (eV)

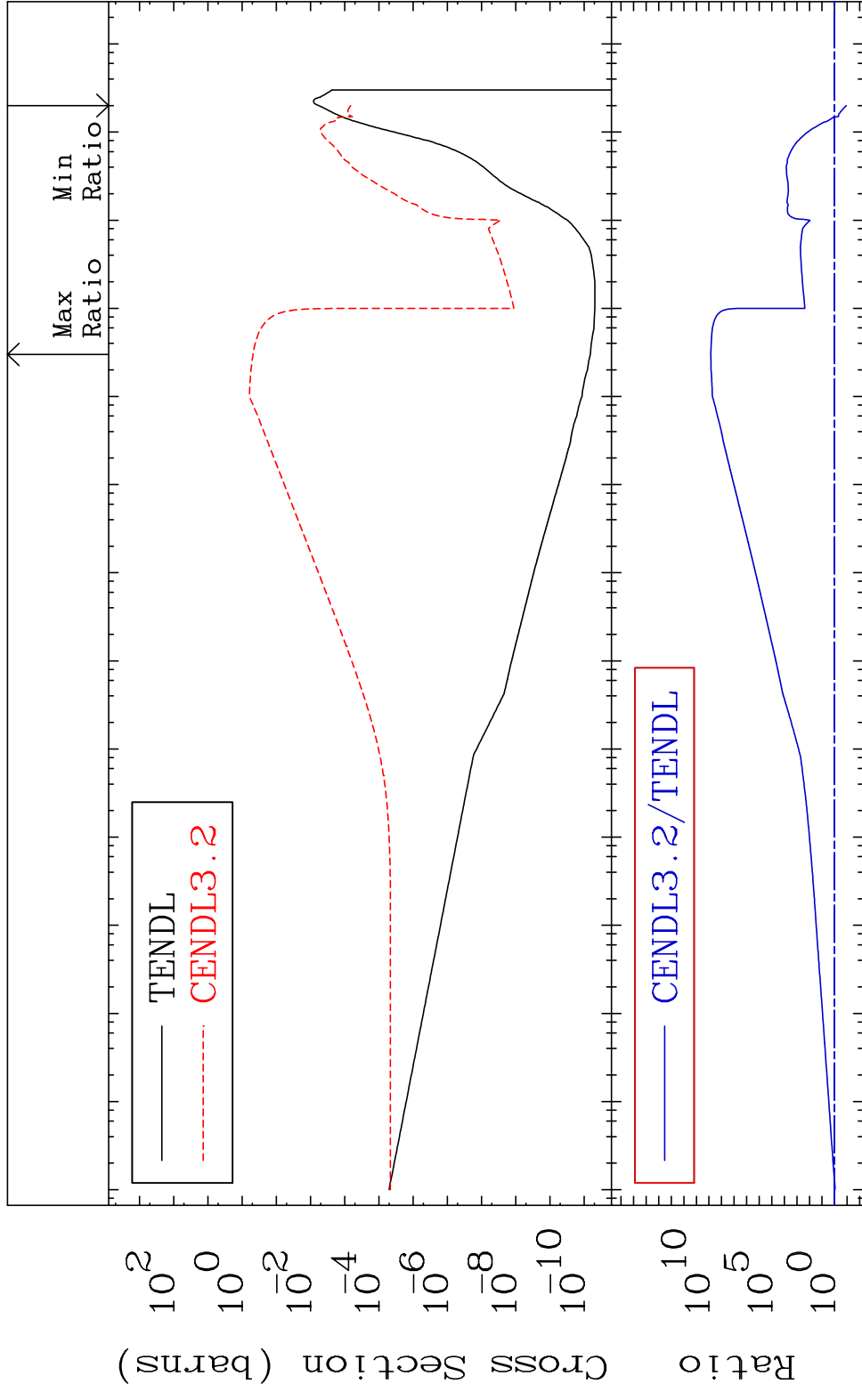
73-Ta-181

MAT 7328

73-Ta-181

(n, α)

Cross Section -88.38 To 9999. %

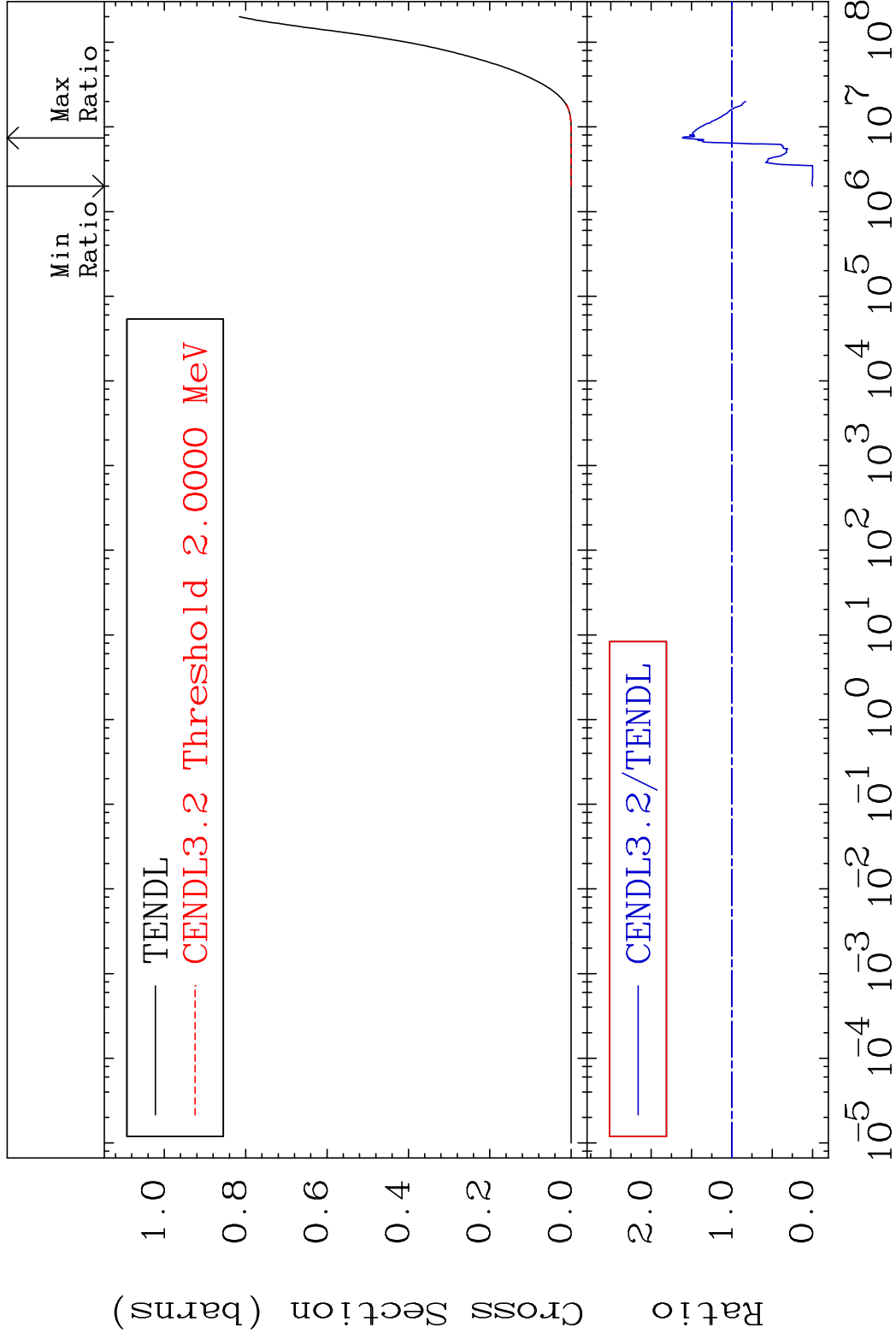


MAT 7328

Hydrogen Production

73-Ta-181

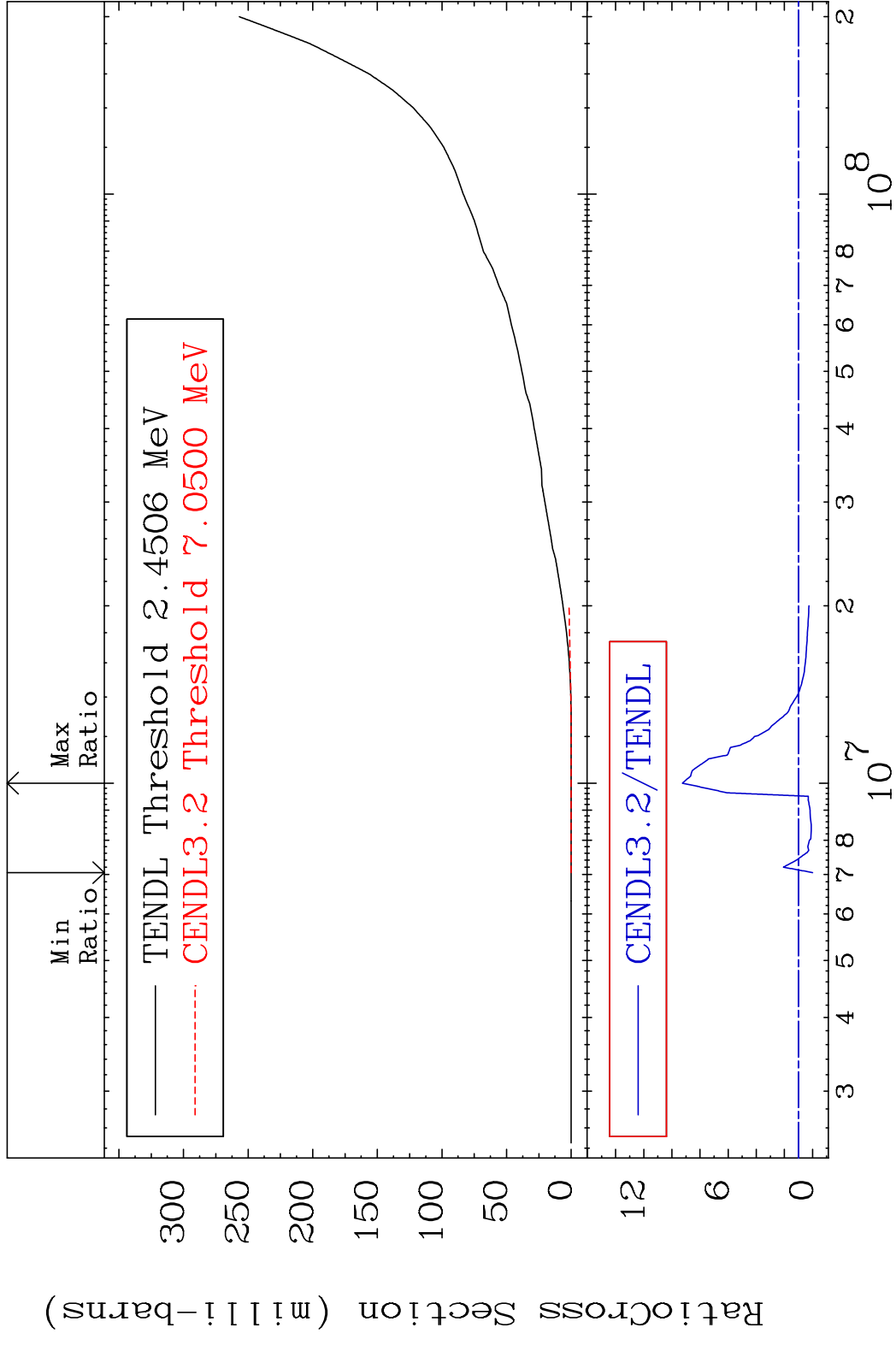
Cross Section -100.0 To 61.41 %



MAT 7328

Deuterium Production 73-Ta-181

Cross Section -100.0 To 825.7 %



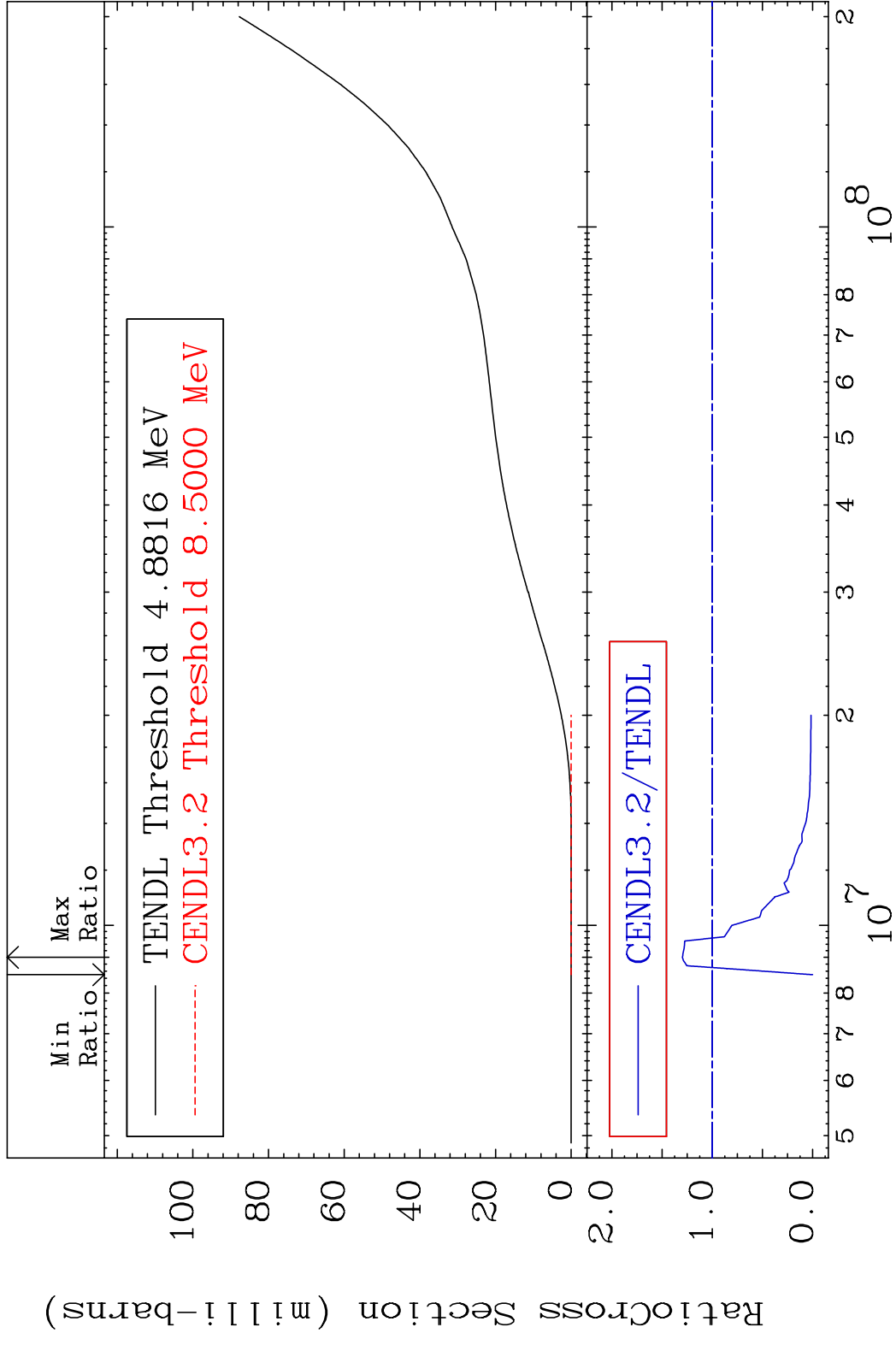
30

Incident Energy (eV)

73-Ta-181

MAT 7328

Tritium Production 73-Ta-181
Cross Section -100.0 To 29.76 %

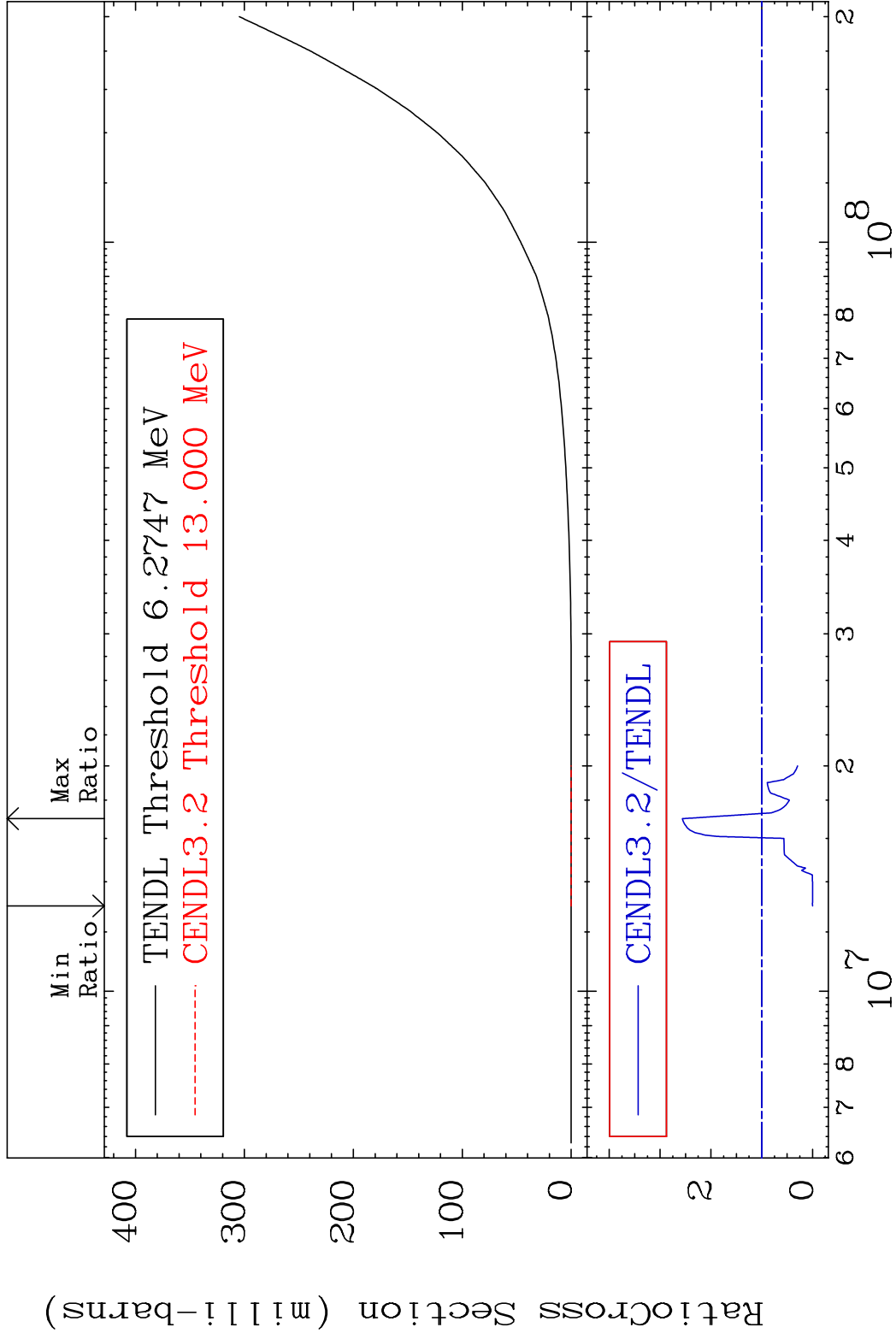


MAT 7328

He-3 Production

73-Ta-181

Cross Section -100.0 To 156.2 %



32

Incident Energy (eV)

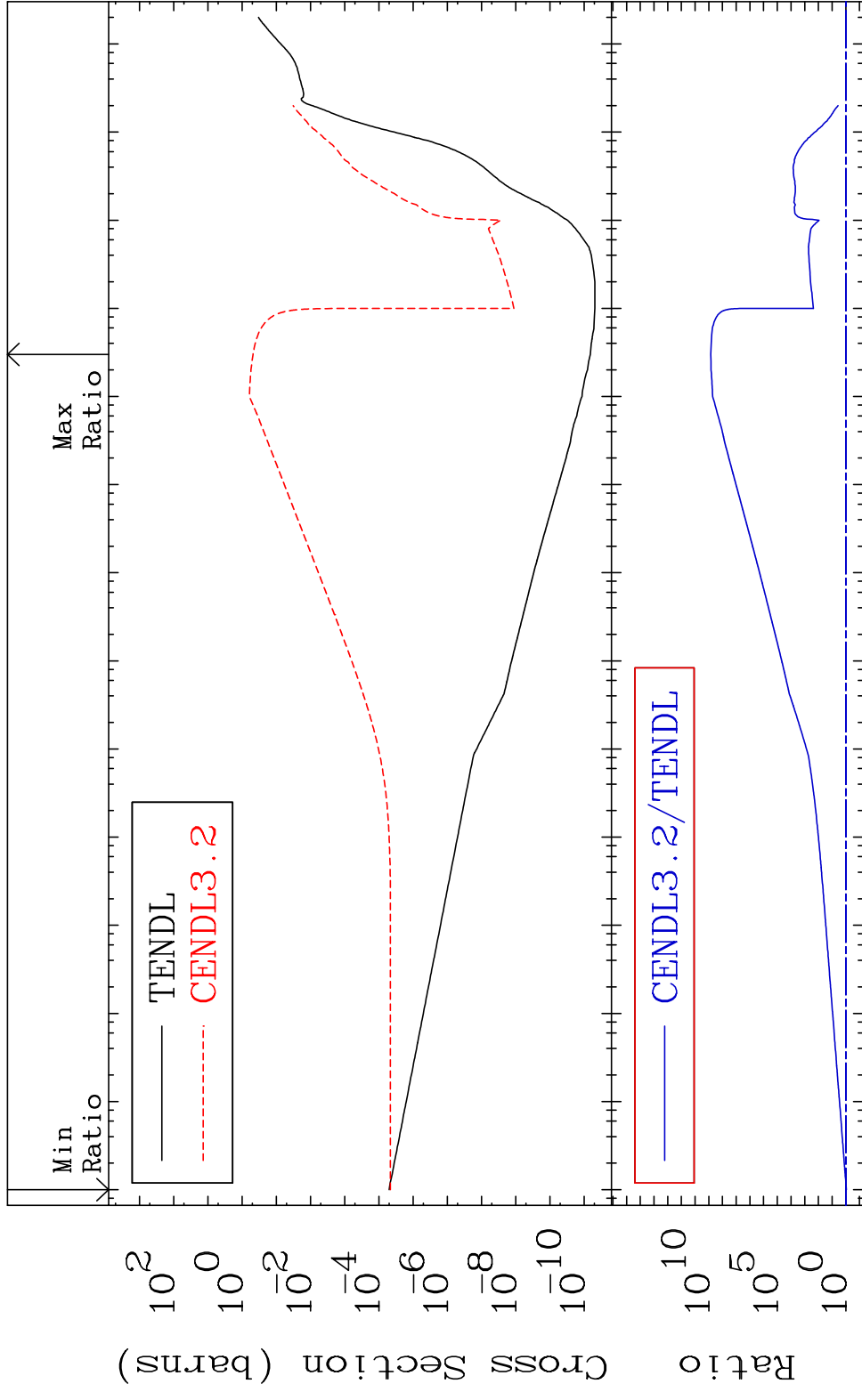
73-Ta-181

MAT 7328

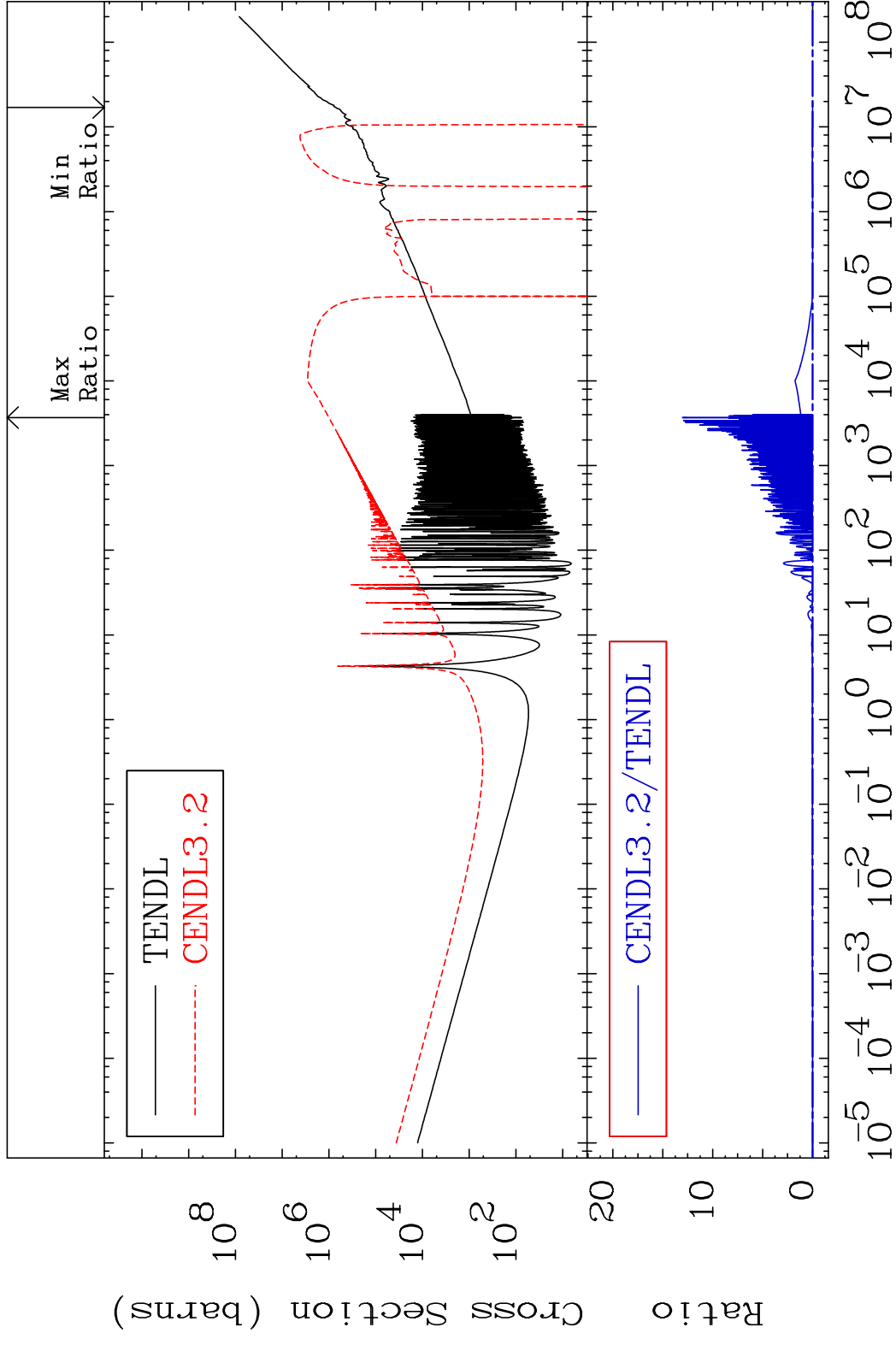
He-4 Production

73-Ta-181

Cross Section -8.453 To 9999. %

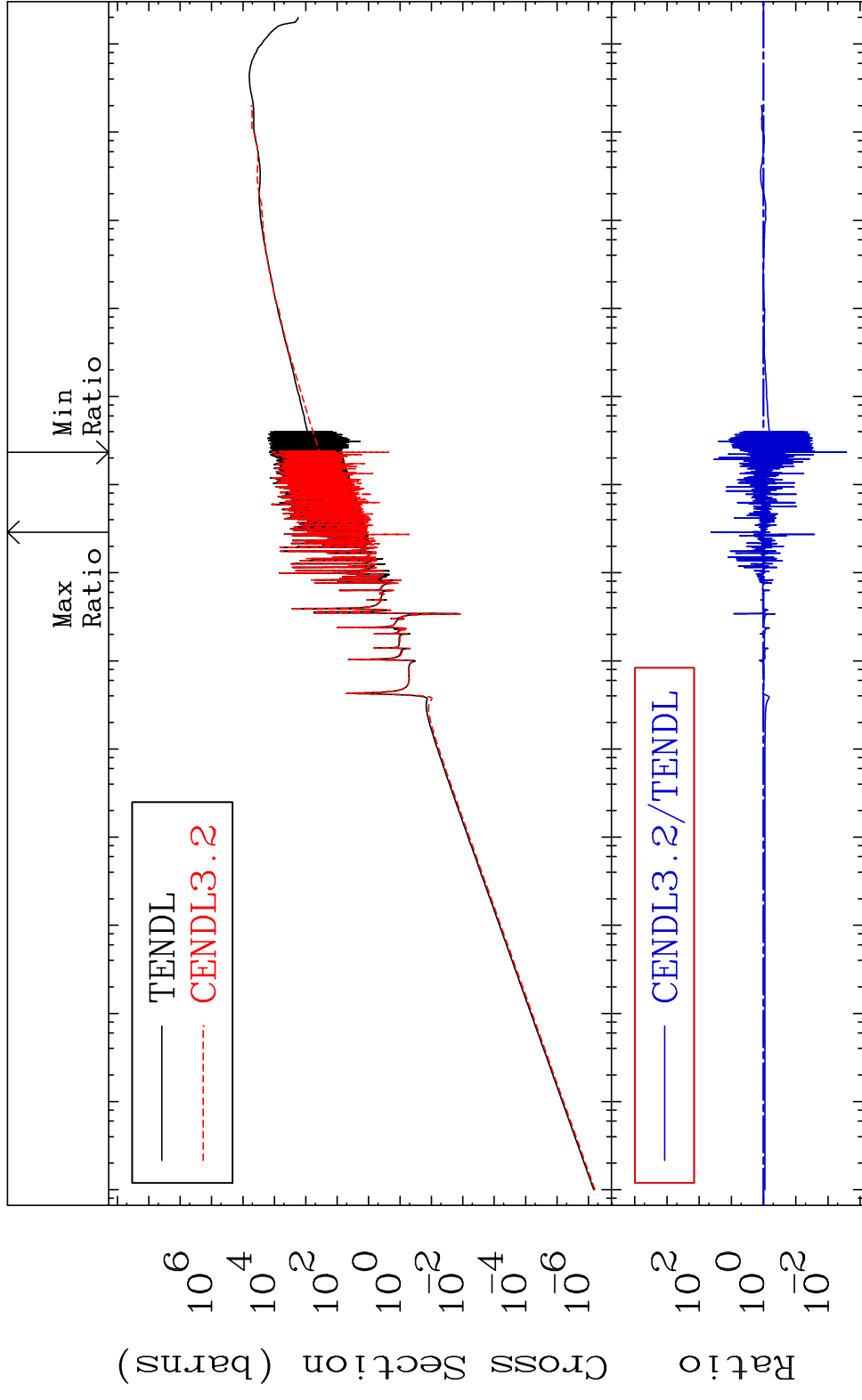


MAT 7328 Kerma total (eV-barns) 73-Ta-181
 Cross Section -440.2 To 9999. %



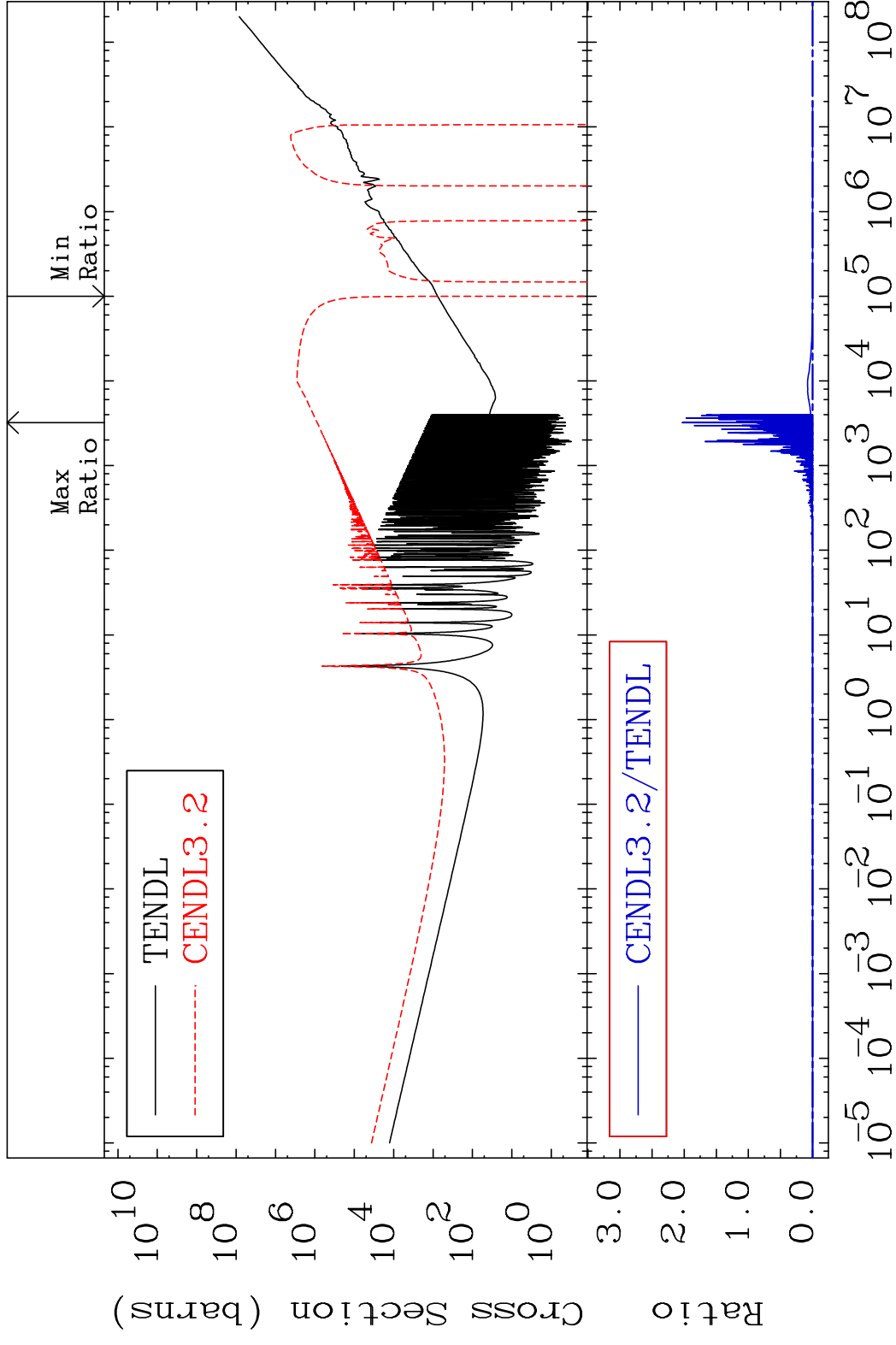
MAT 7328

Kerma elastic Cross Section -99.73 To 4286. %
73-Ta-181

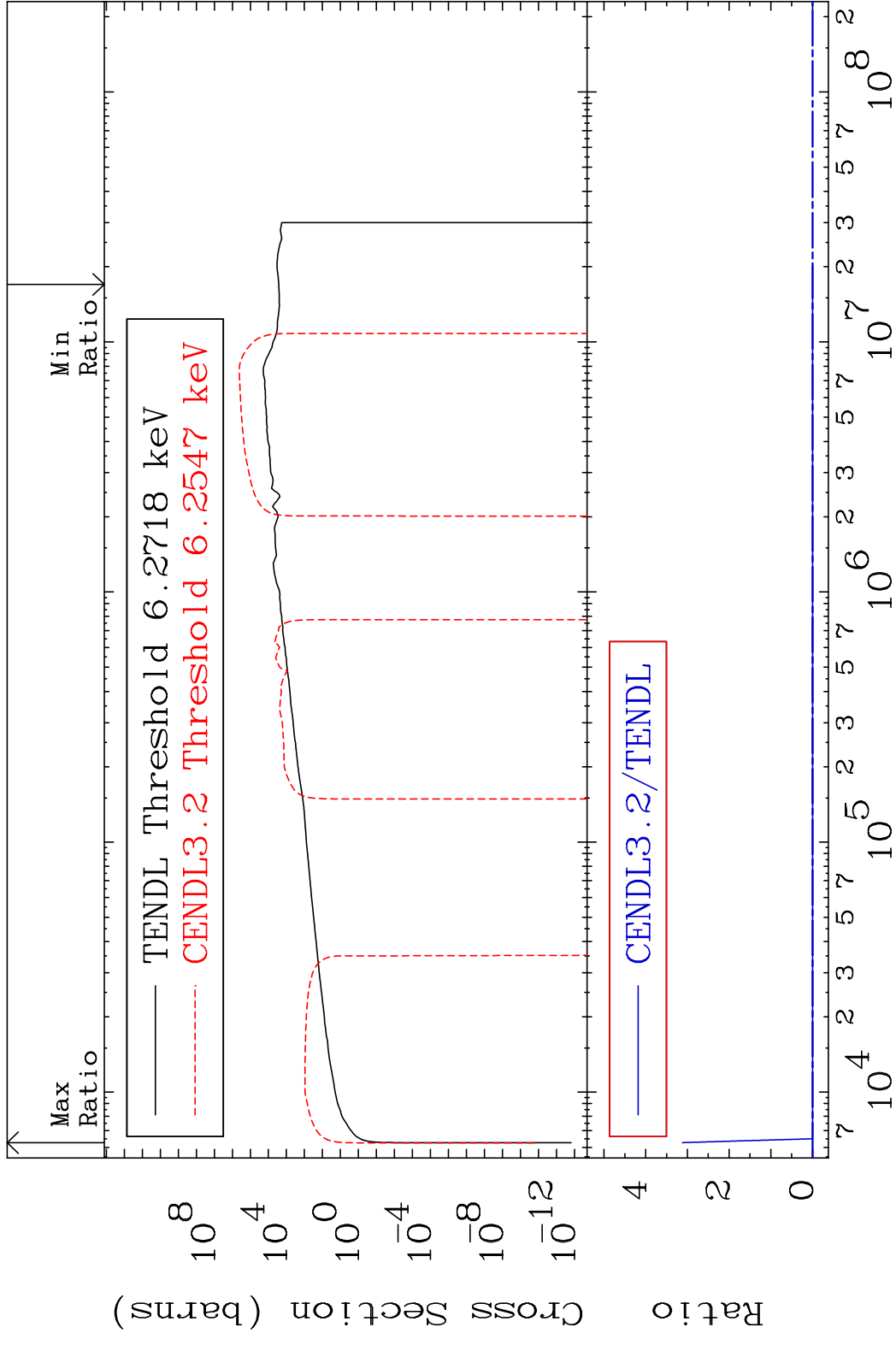


Incident Energy (eV) 73-Ta-181

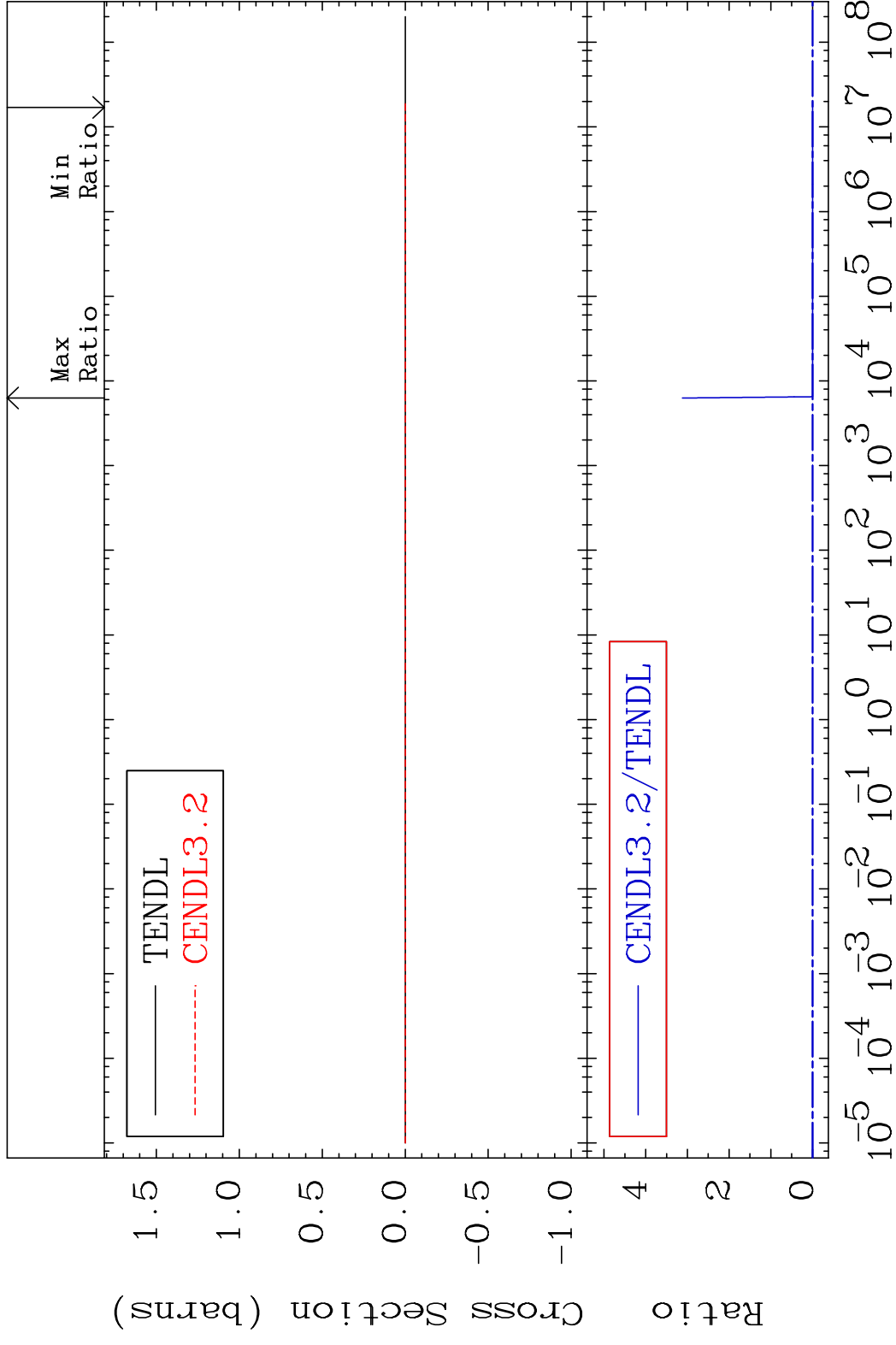
MAT 7328 Kerma non-elastic (all but mt2) 73-Ta-181
 Cross Section -1562. To 9999. %



MAT 7328 Kerma inelastic (mt51-91) 73-Ta-181
 Cross Section -5274. To 9999. %



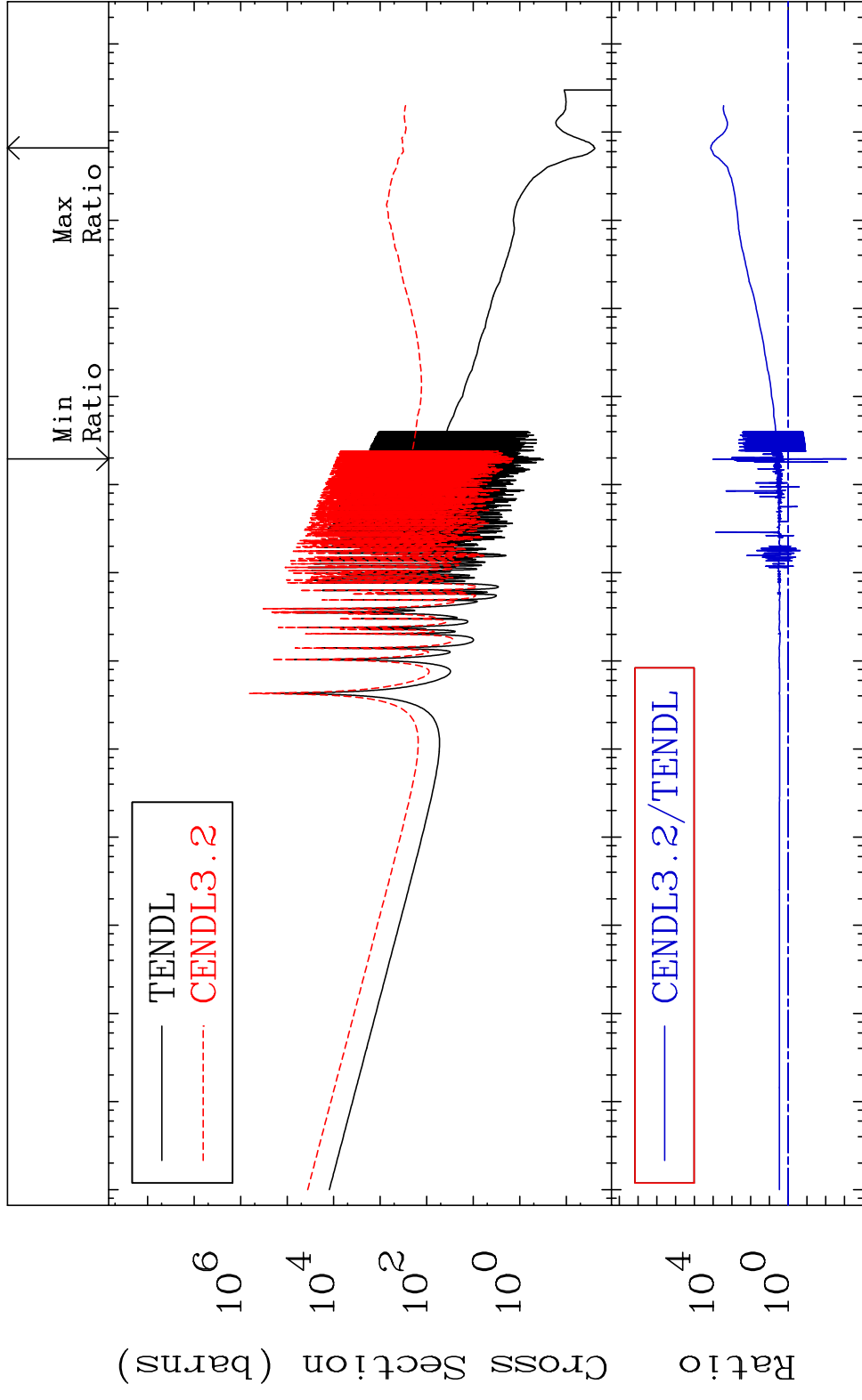
MAT 7328 Kerma fission (mt18 or mt19-20-21-38)73-Ta-181
 Cross Section -5274. To 9999. %



MAT 7328

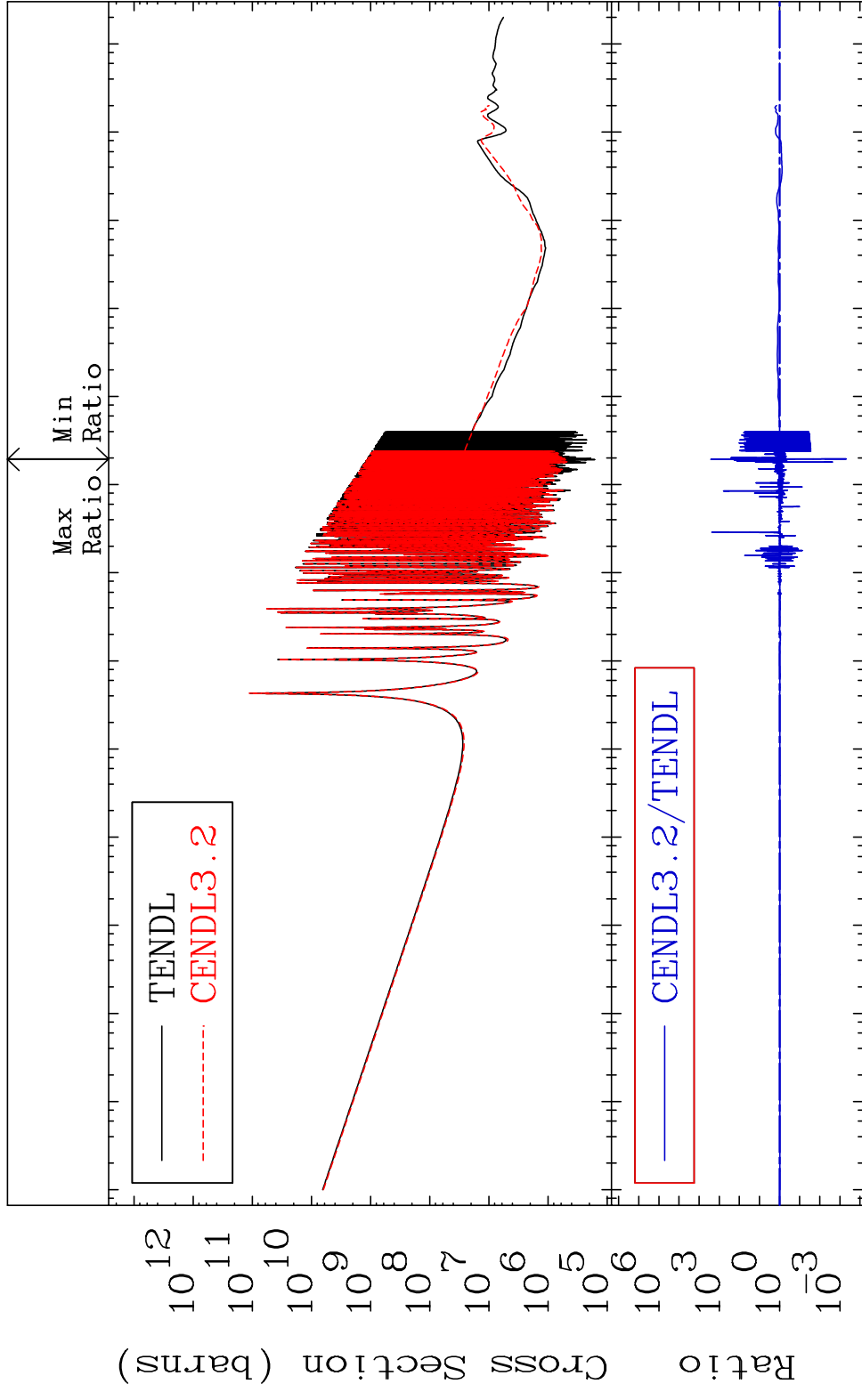
Kerma capture (mt102) 73-Ta-181

Cross Section -99.92 To 9999. %



MAT 7328

Total photon (eV-barns) 73-Ta-181
Cross Section -99.95 To 9999. %

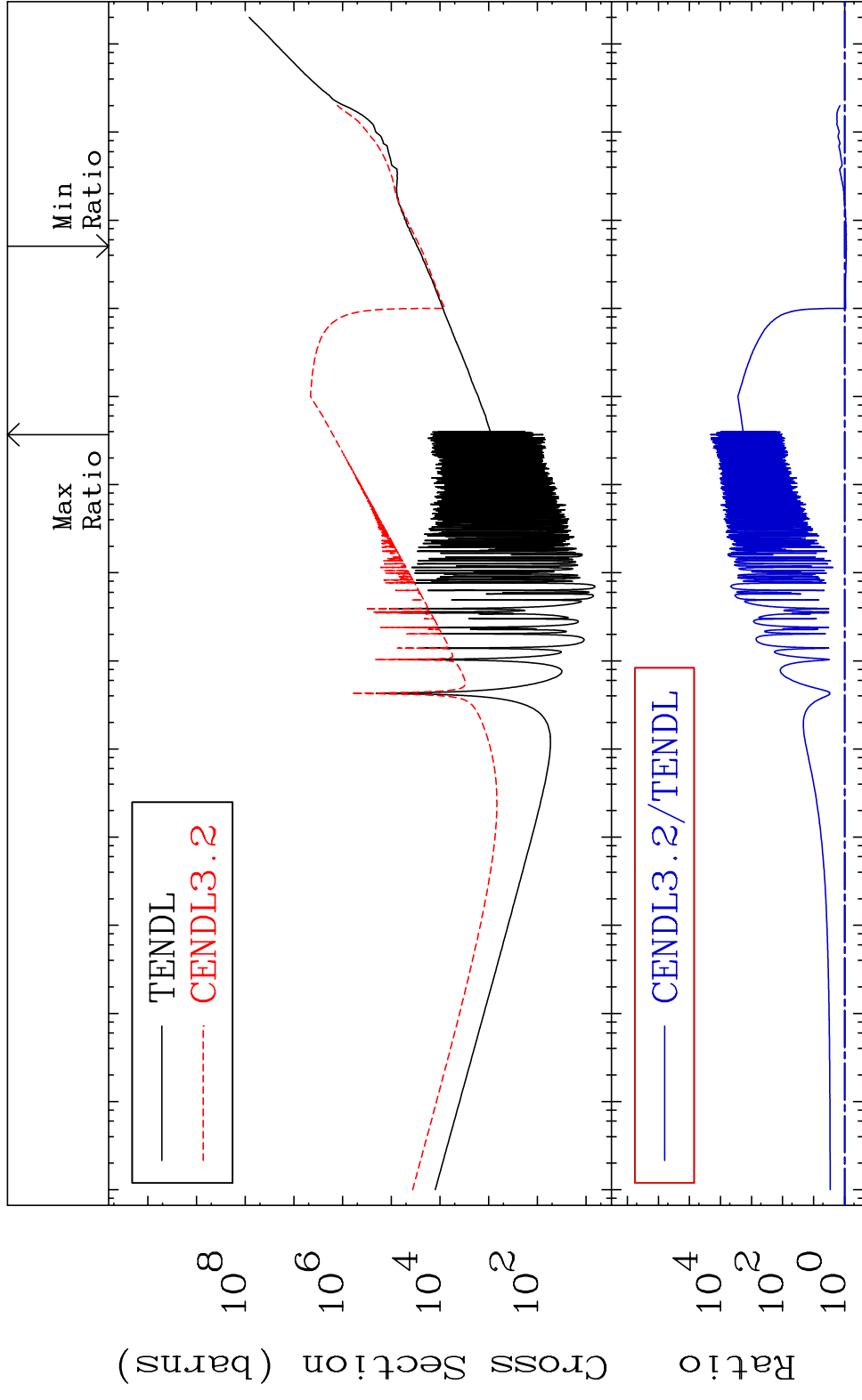


40

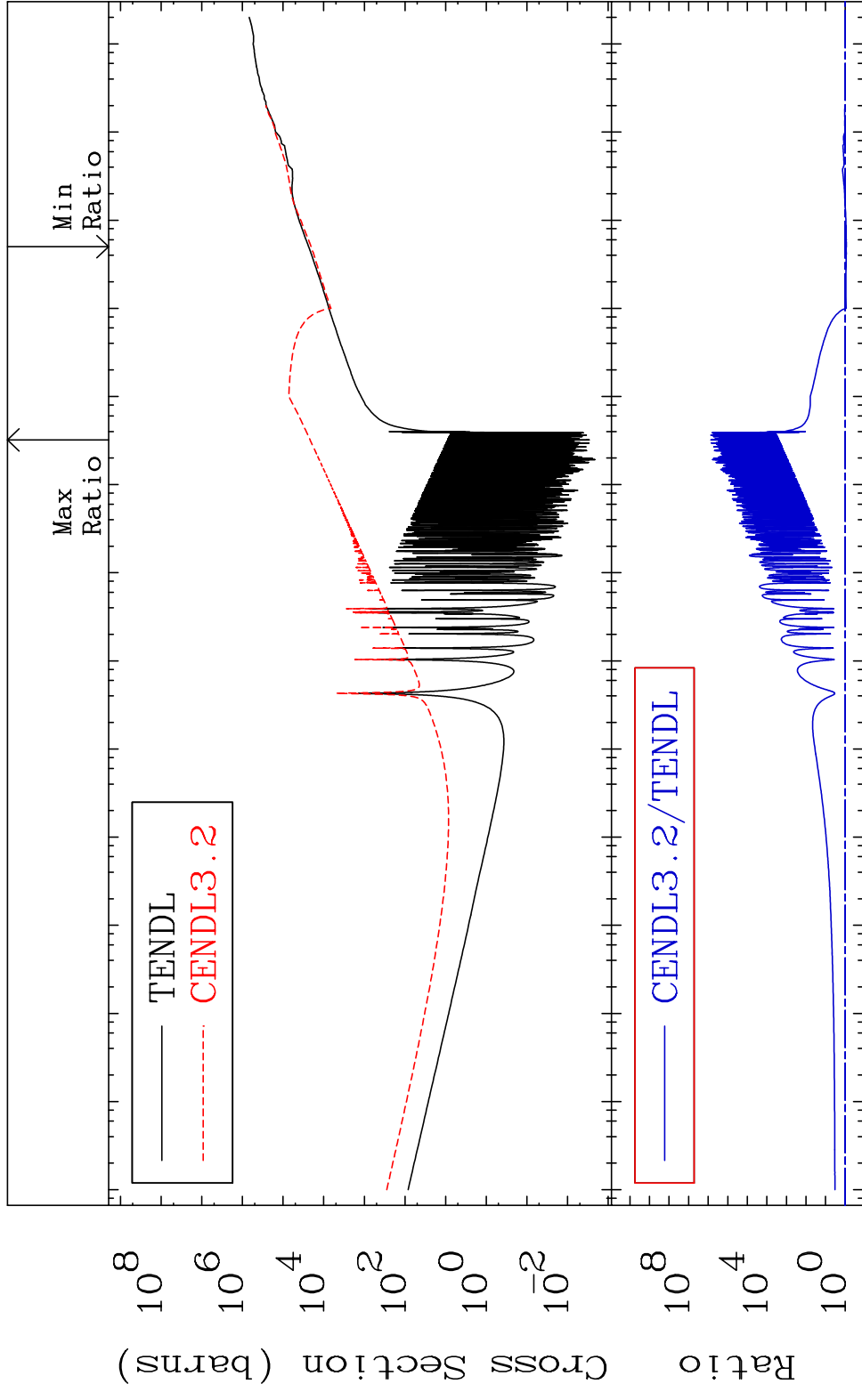
Incident Energy (eV)

73-Ta-181

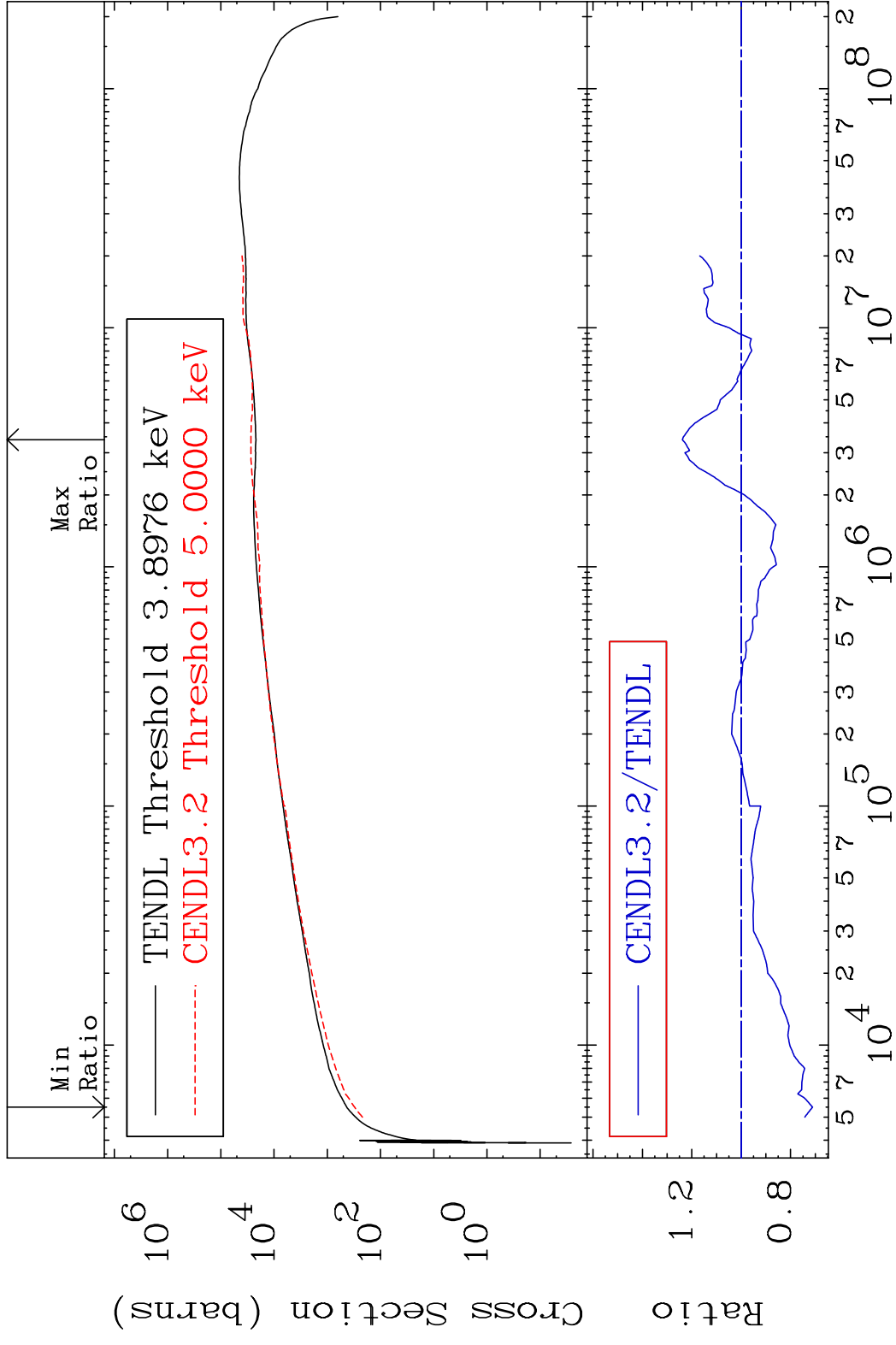
MAT 7328 Total kinematic kerma (high limit) 73-Ta-181
 Cross Section -11.88 To 9999. %



MAT 7328 Dpa total (eV-barns) 73-Ta-181
 Cross Section -13.22 To 9999. %

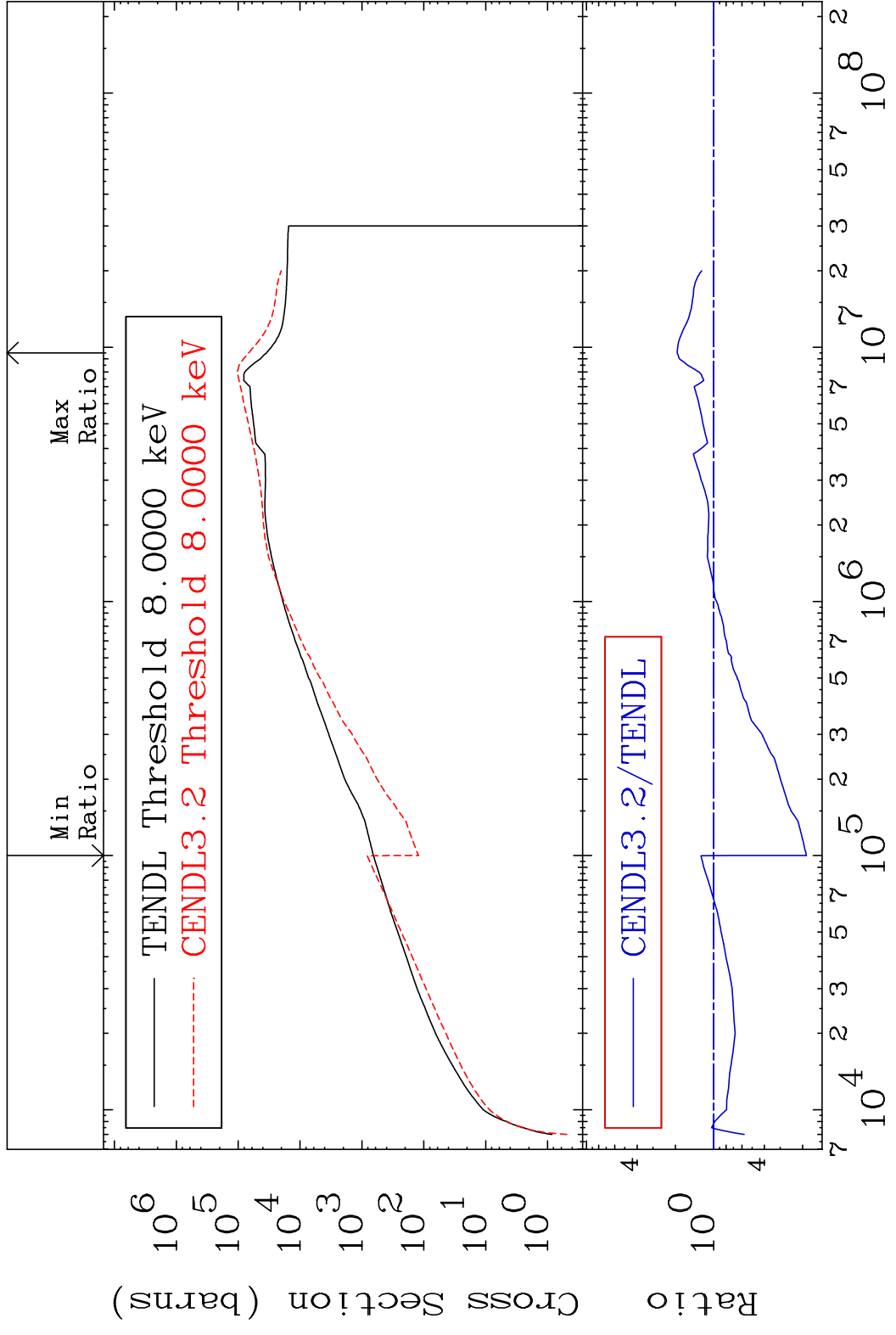


MAT 7328 Dpa elastic (mt2) 73-Ta-181
 Cross Section -28.90 To 23.82 %



MAT 7328

Dpa inelastic (mt51-91) 73-Ta-181
Cross Section -81.30 To 93.69 %

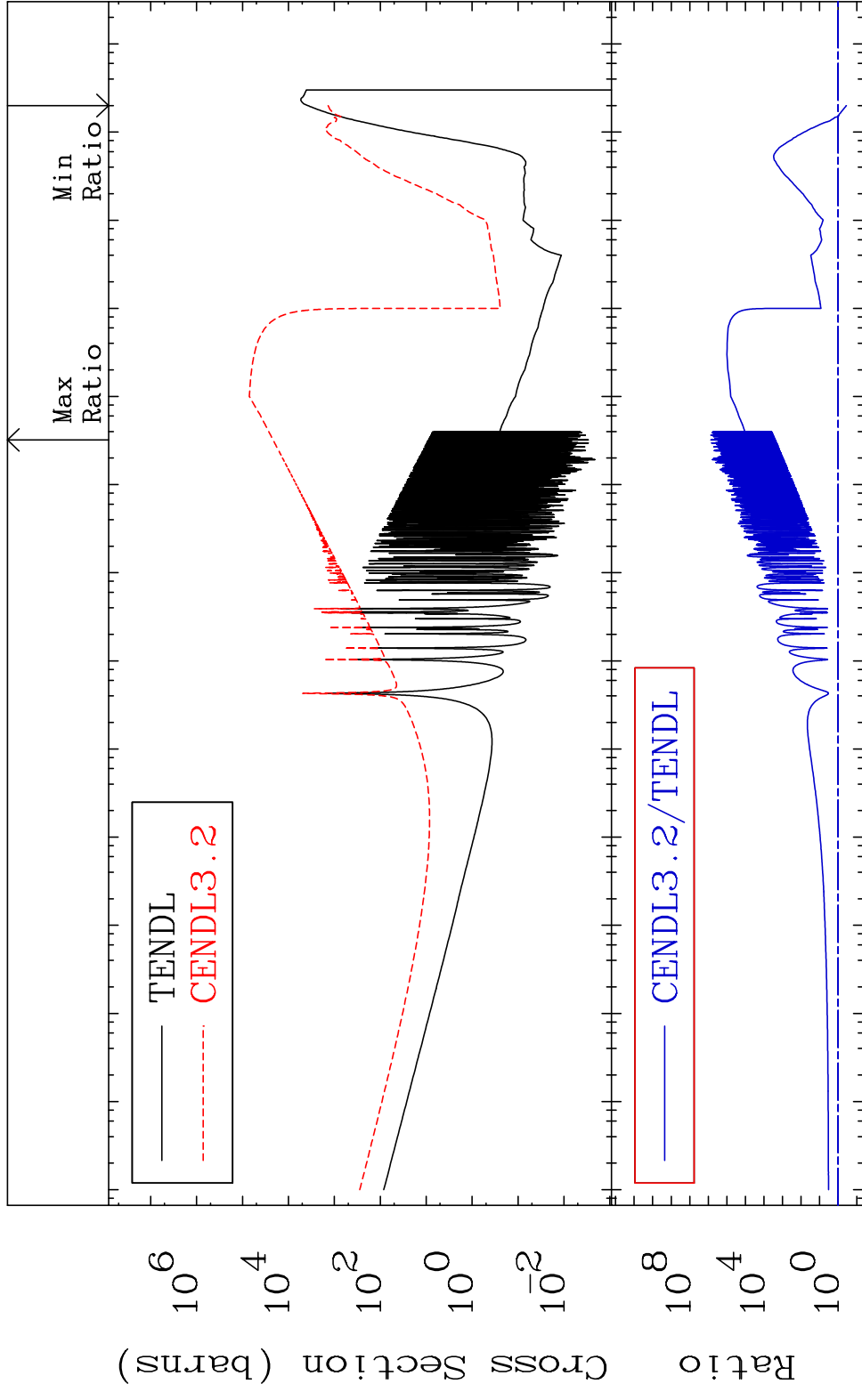


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Incident Energy (eV)

73-Ta-181

MAT 7328 Dpa disappearance (mt102 -120) 73-Ta-181
 Cross Section -63.62 To 9999. %

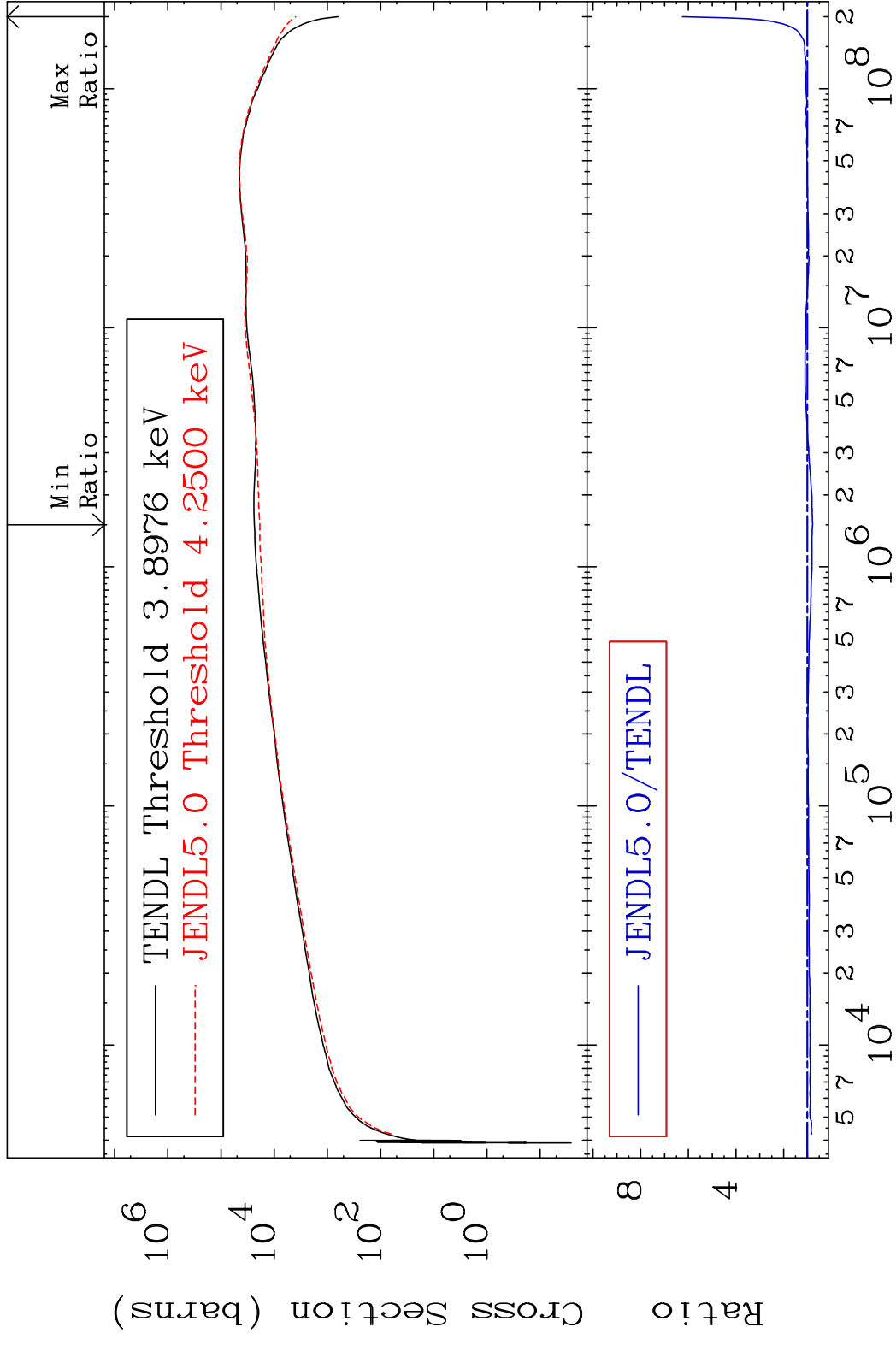


MAT 7328

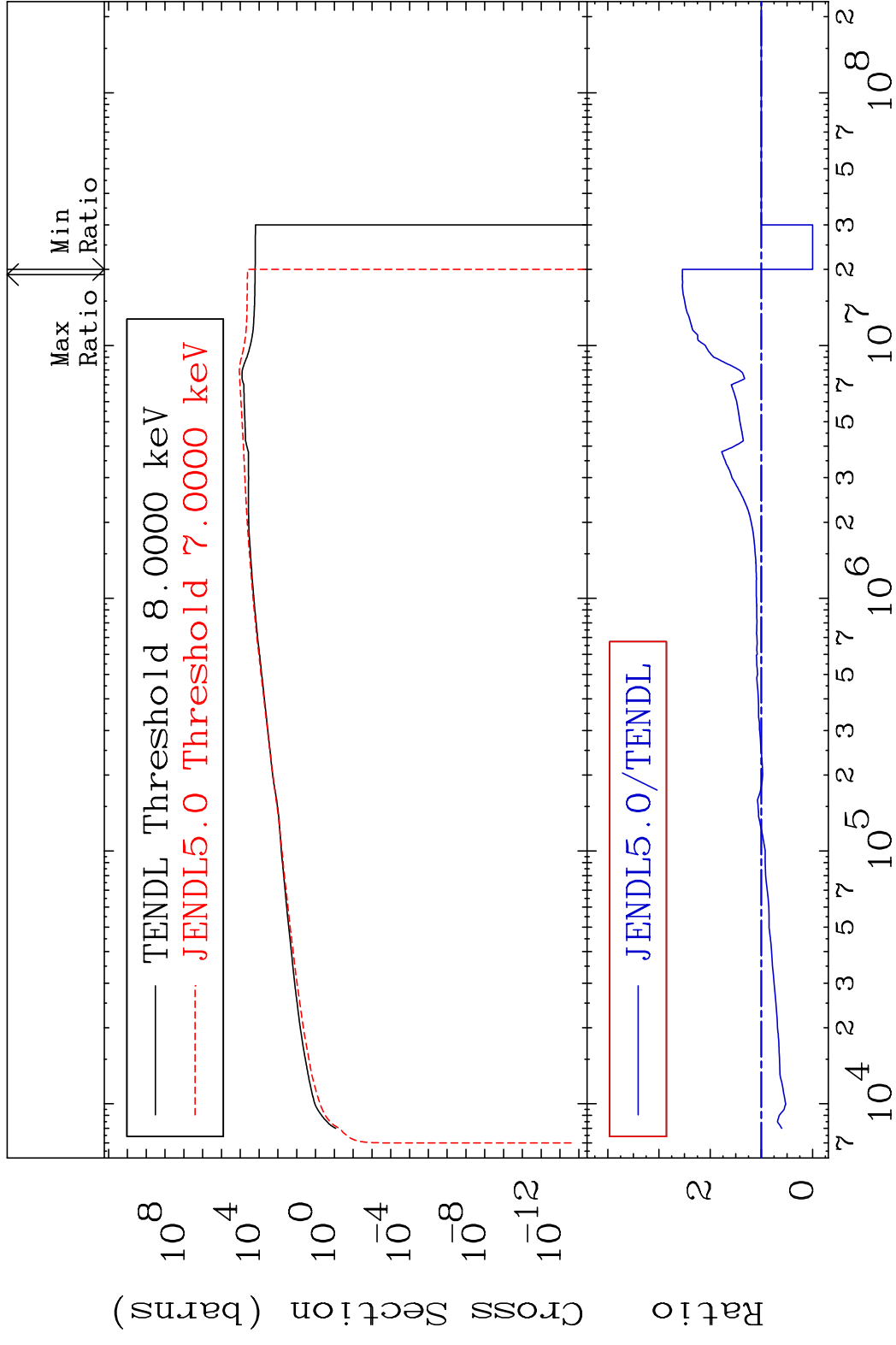
Dpa elastic (mt2)

73-Ta-181

Cross Section -21.62 To 525.1 %

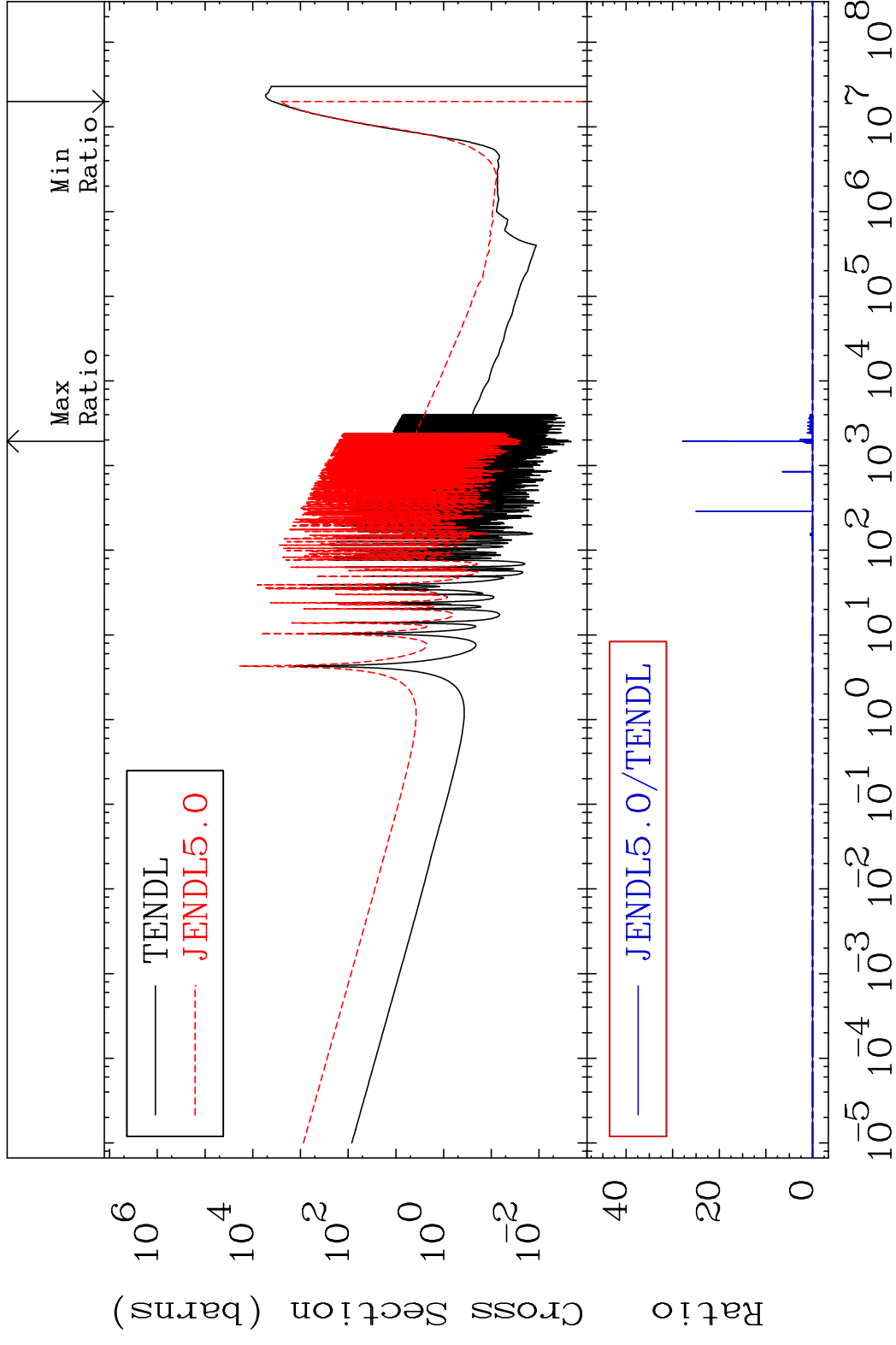


MAT 7328 Dpa inelastic (mt51-91) 73-Ta-181
 Cross Section -100.0 To 154.3 %

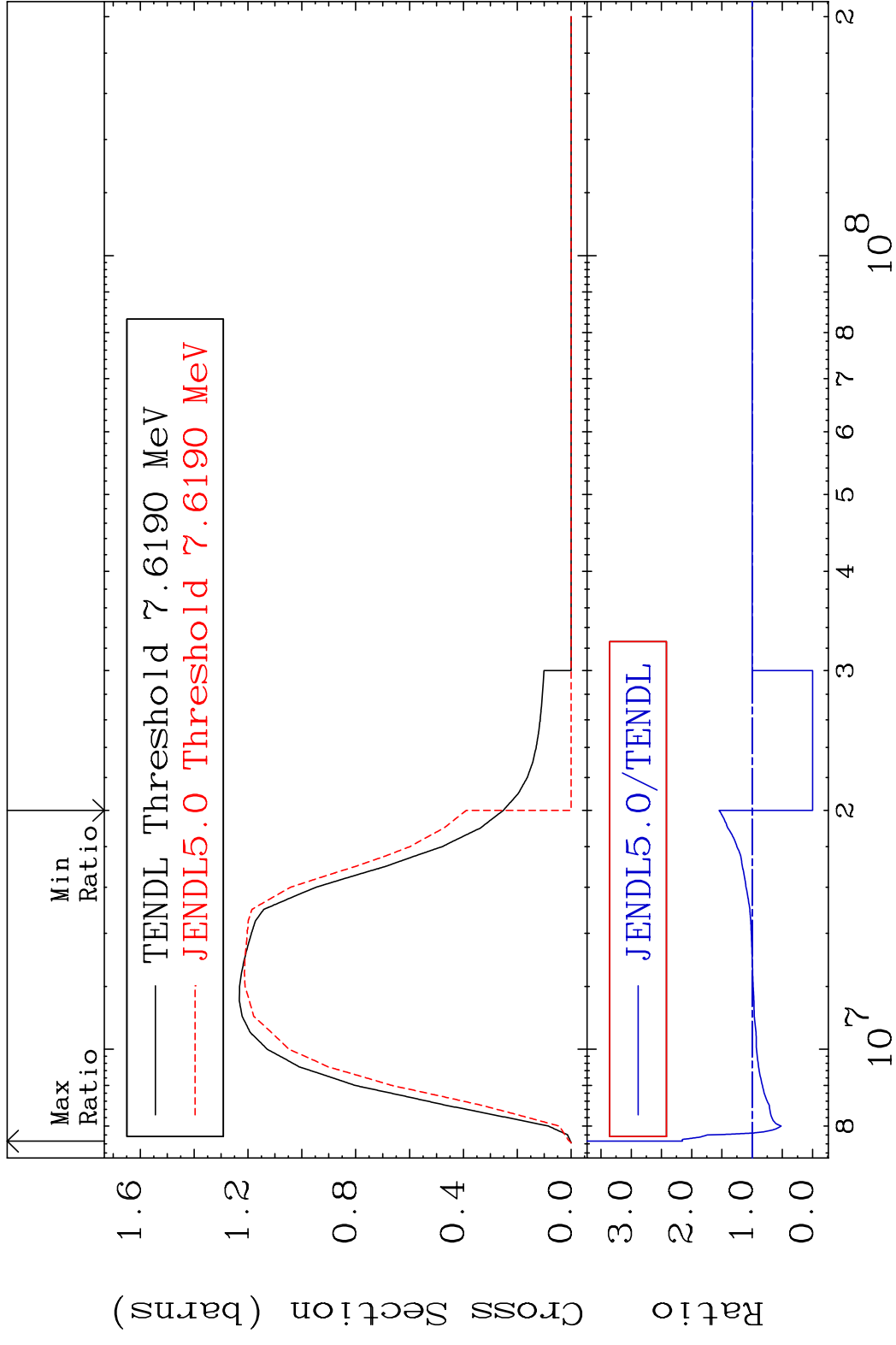


47 Incident Energy (eV) 73-Ta-181

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 mb 115.4 %



MAT 7328 (n,2n):73-Ta-180m2 73-Ta-181
 Radionuclide Production Cross Section 180.0 mb 15.70 %

