

Program Complot
(Version 2021-1)

by

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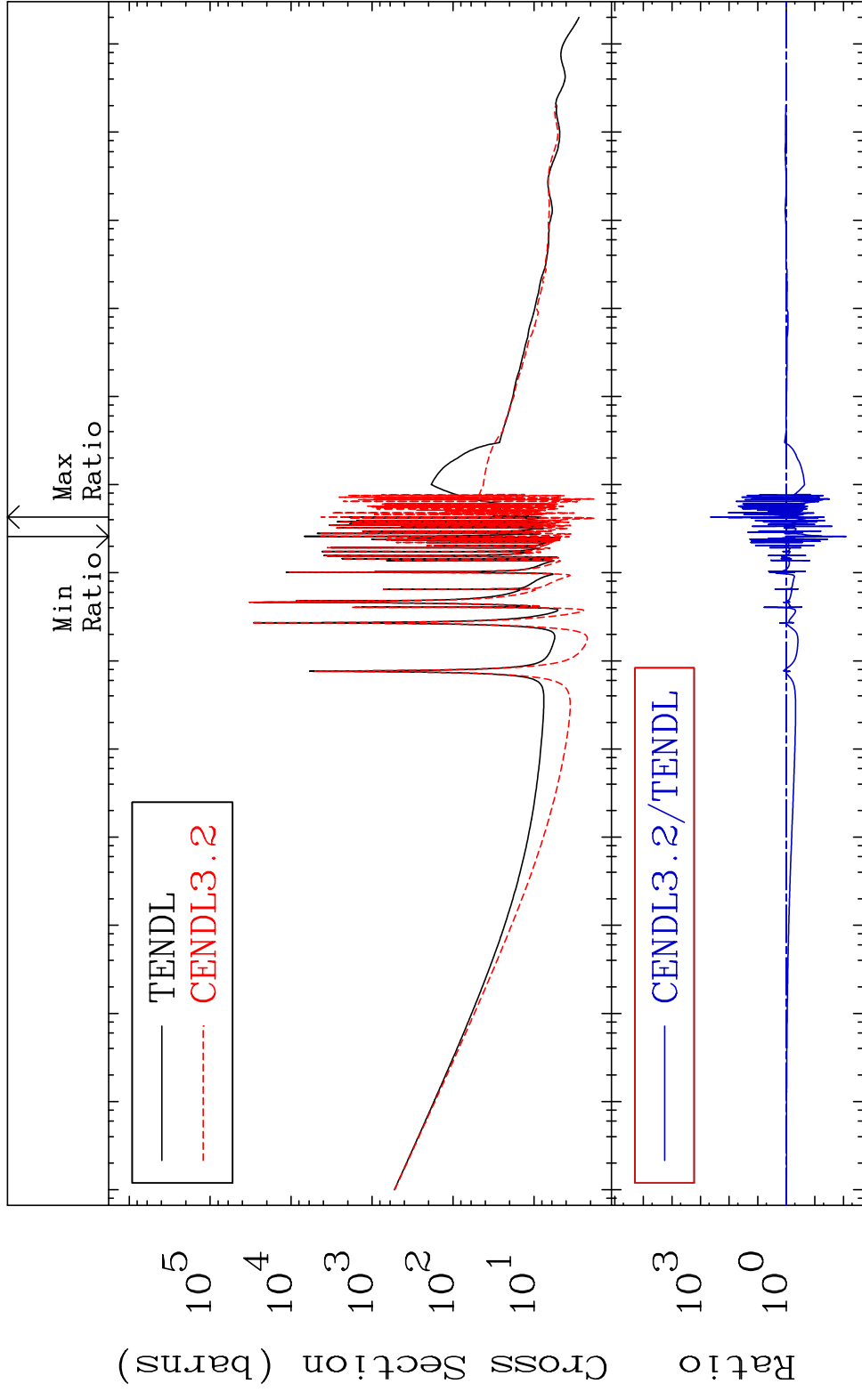
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7434

Total Cross Section -99.21 To 9999. %

74-W -183



1

Incident Energy (eV)

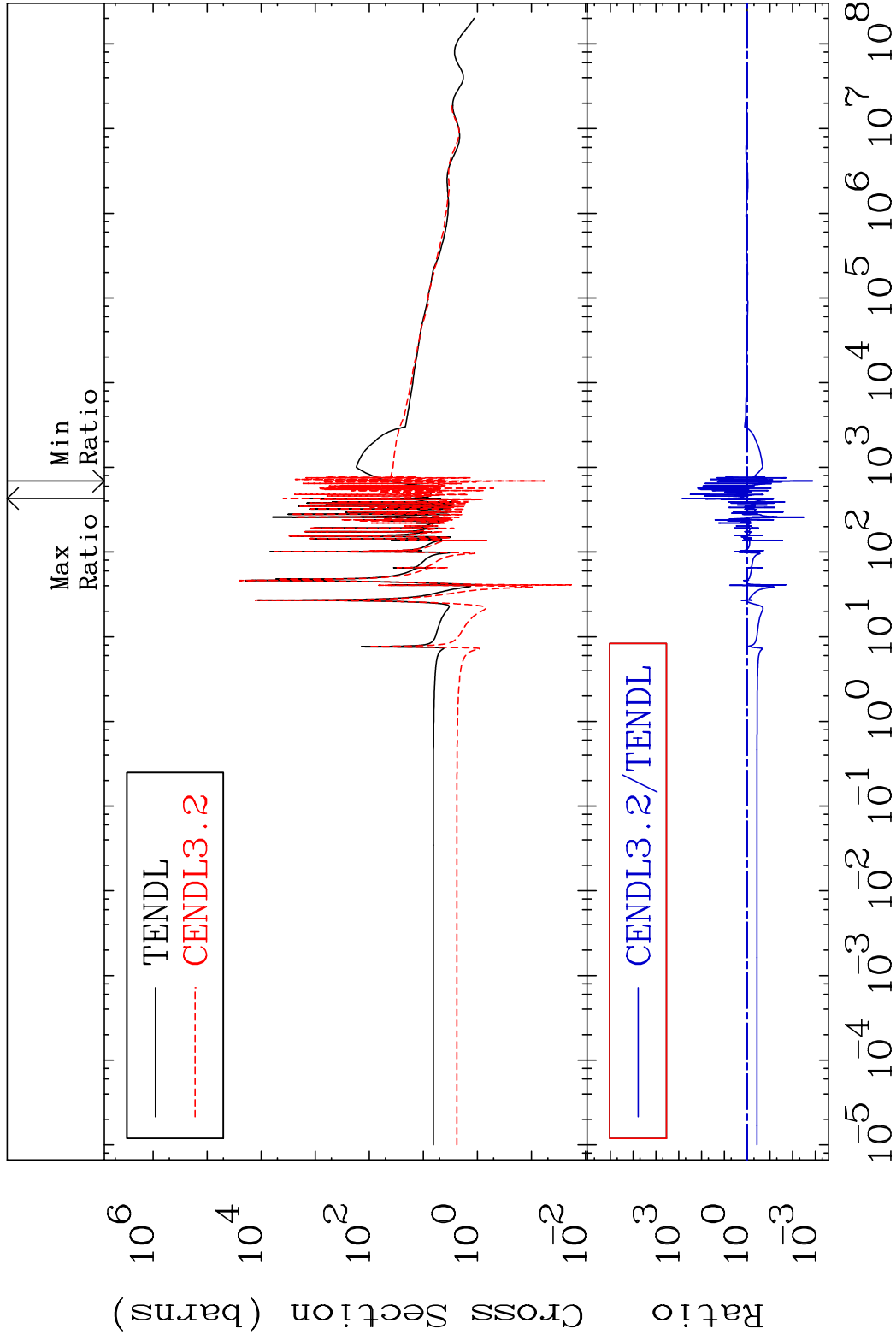
74-W -183

MAT 7434

Elastic

74-W -183

Cross Section -99.87 To 9999. %



2

Incident Energy (eV)

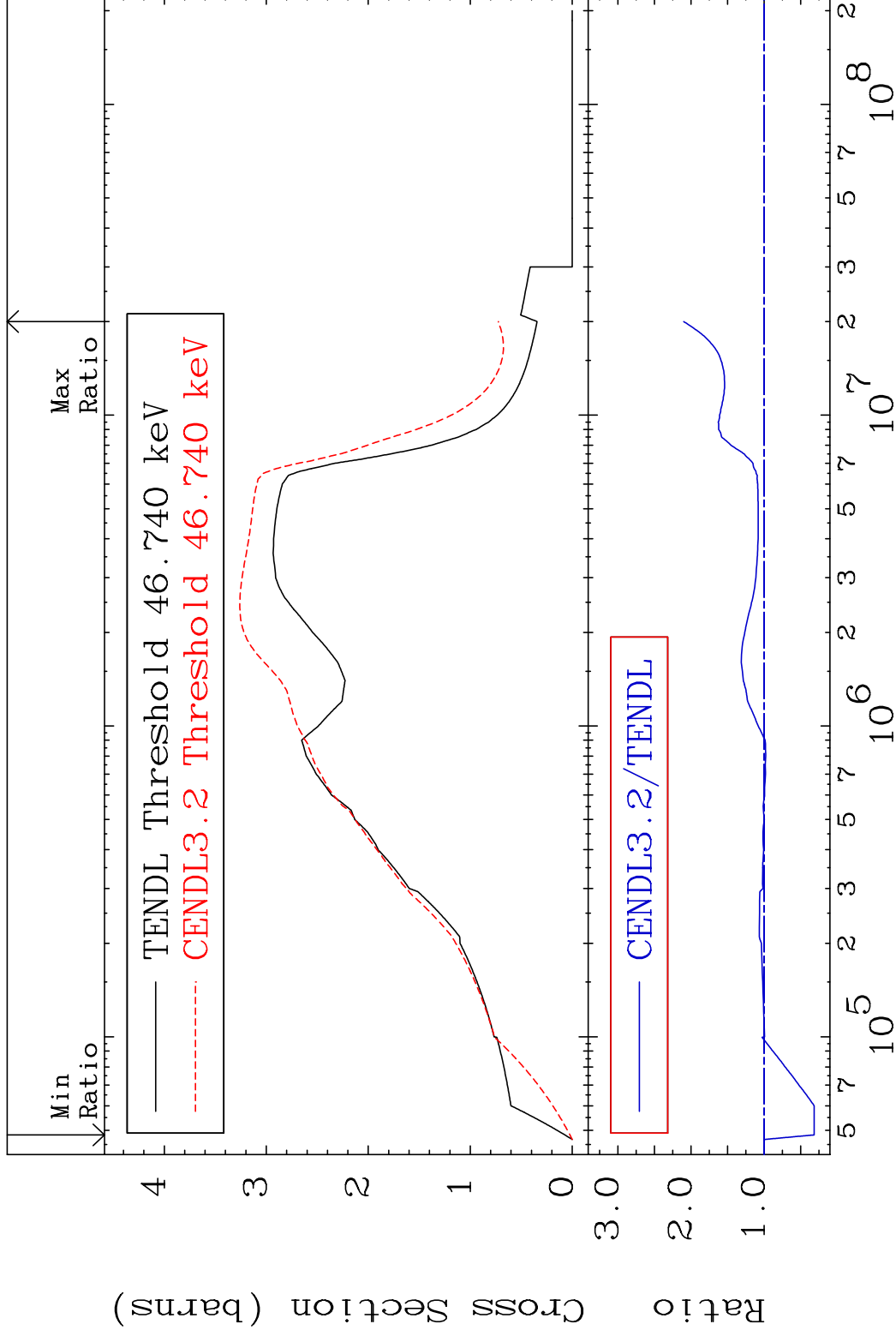
74-W -183

MAT 7434

Inelastic

74-W -183

Cross Section -68.24 To 110.1 %



3

Incident Energy (eV)

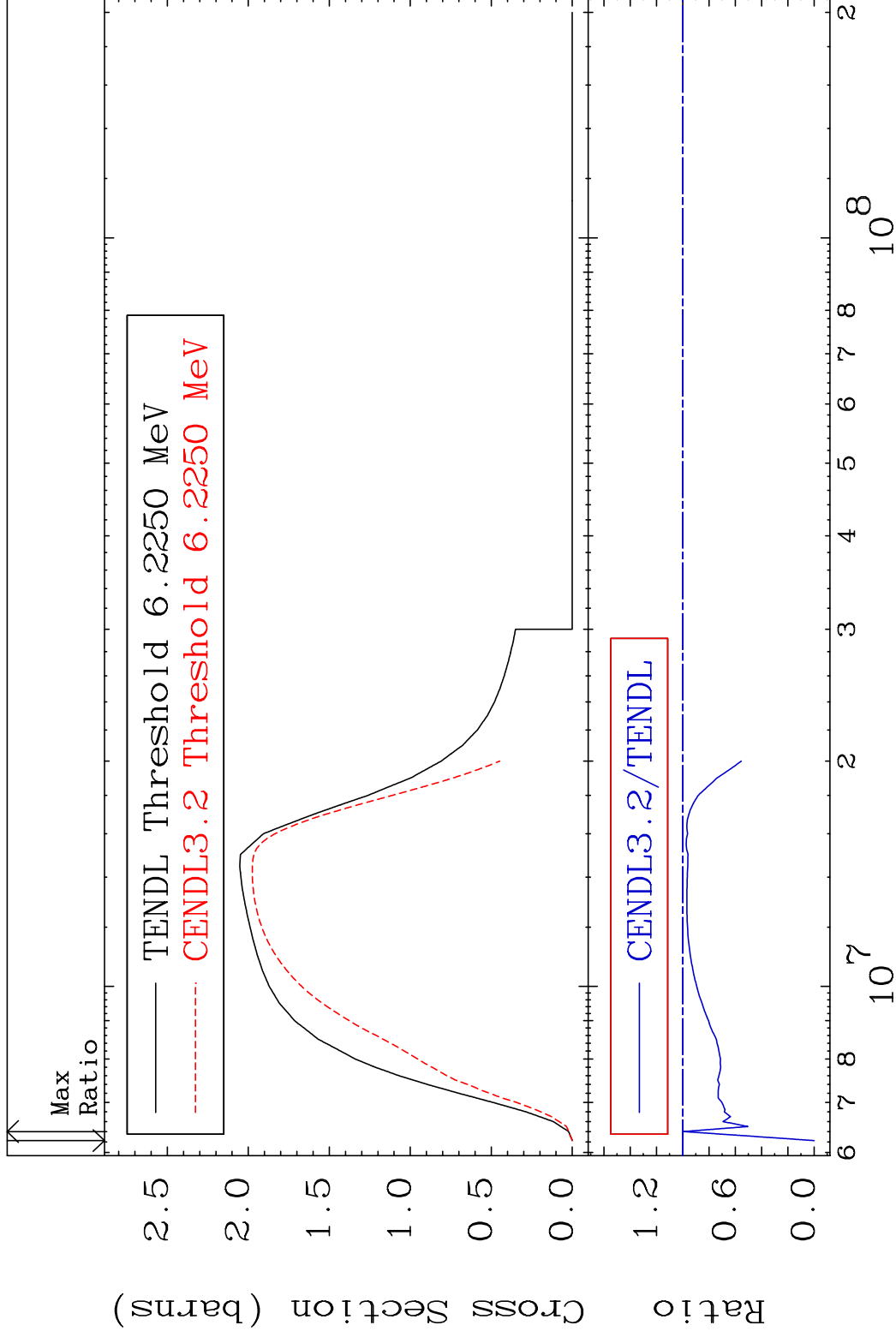
74-W -183

MAT 7434

(n,2n)

74-W -183

Cross Section -100.0 To -0.735%



4

Incident Energy (eV)

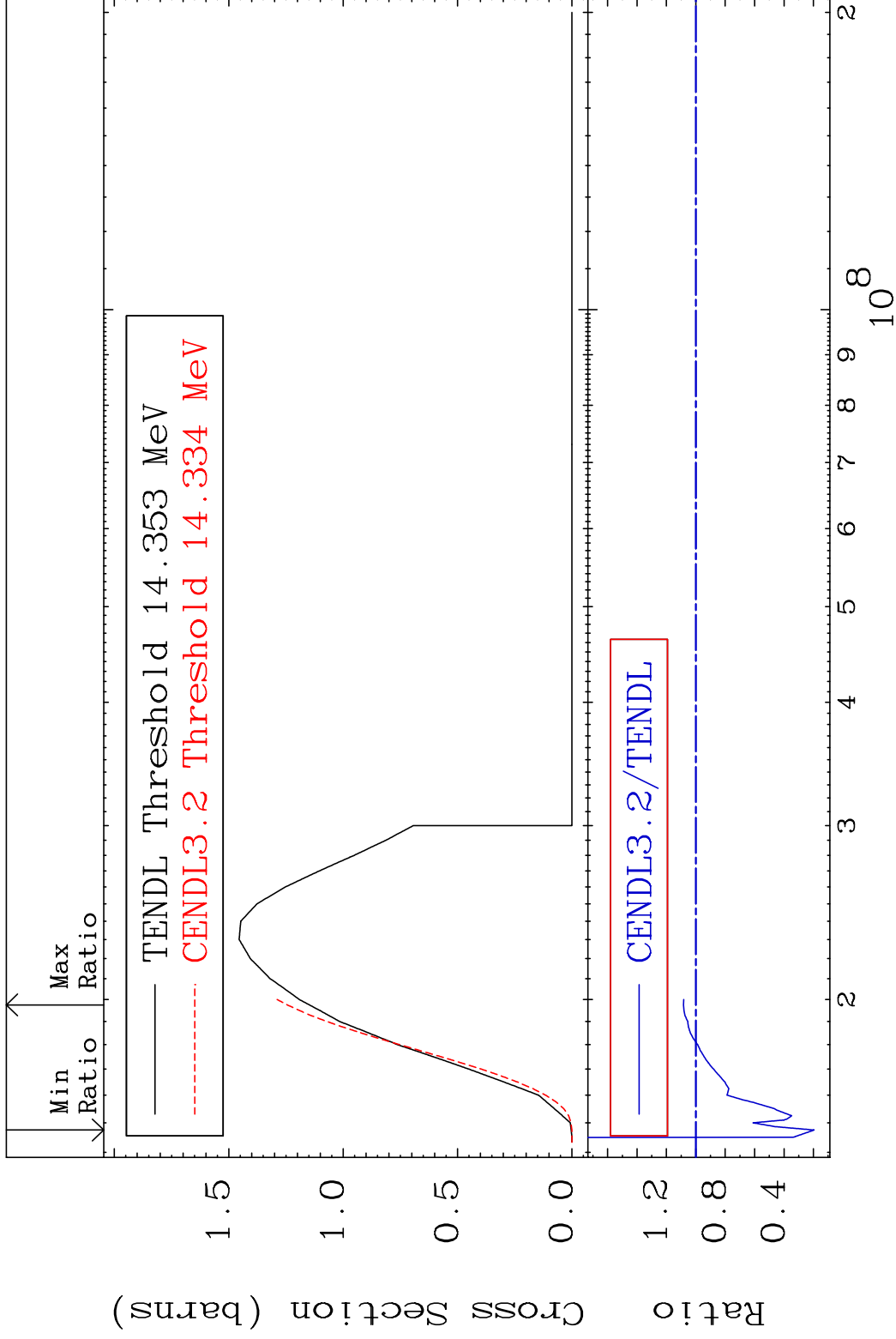
74-W -183

MAT 7434

(n,3n)

74-W -183

Cross Section -80.42 To 8.413 %



5

Incident Energy (eV)

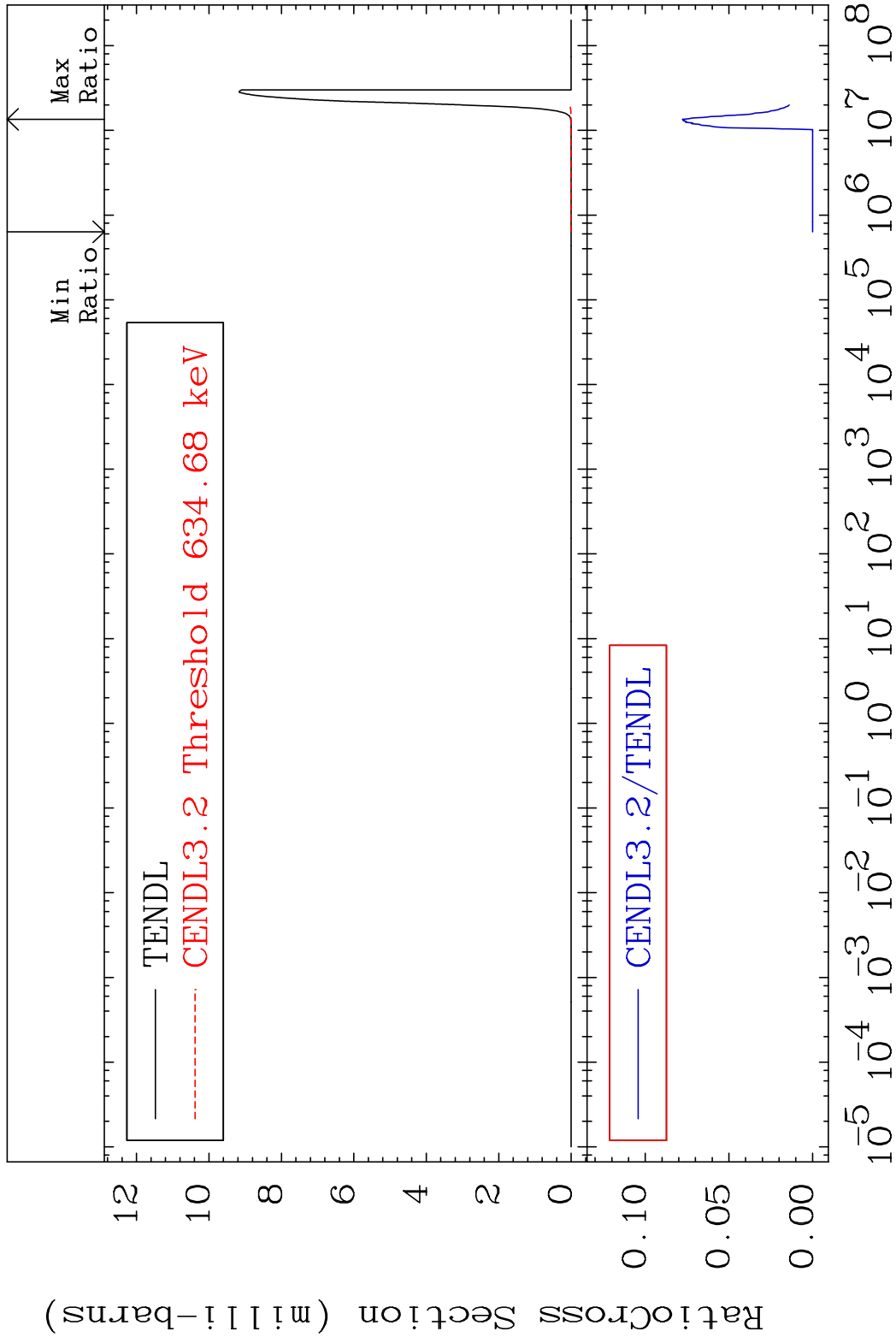
74-W -183

MAT 7434

(n, n') α

74-W -183

Cross Section -100.0 To -92.22%



6

Incident Energy (eV)

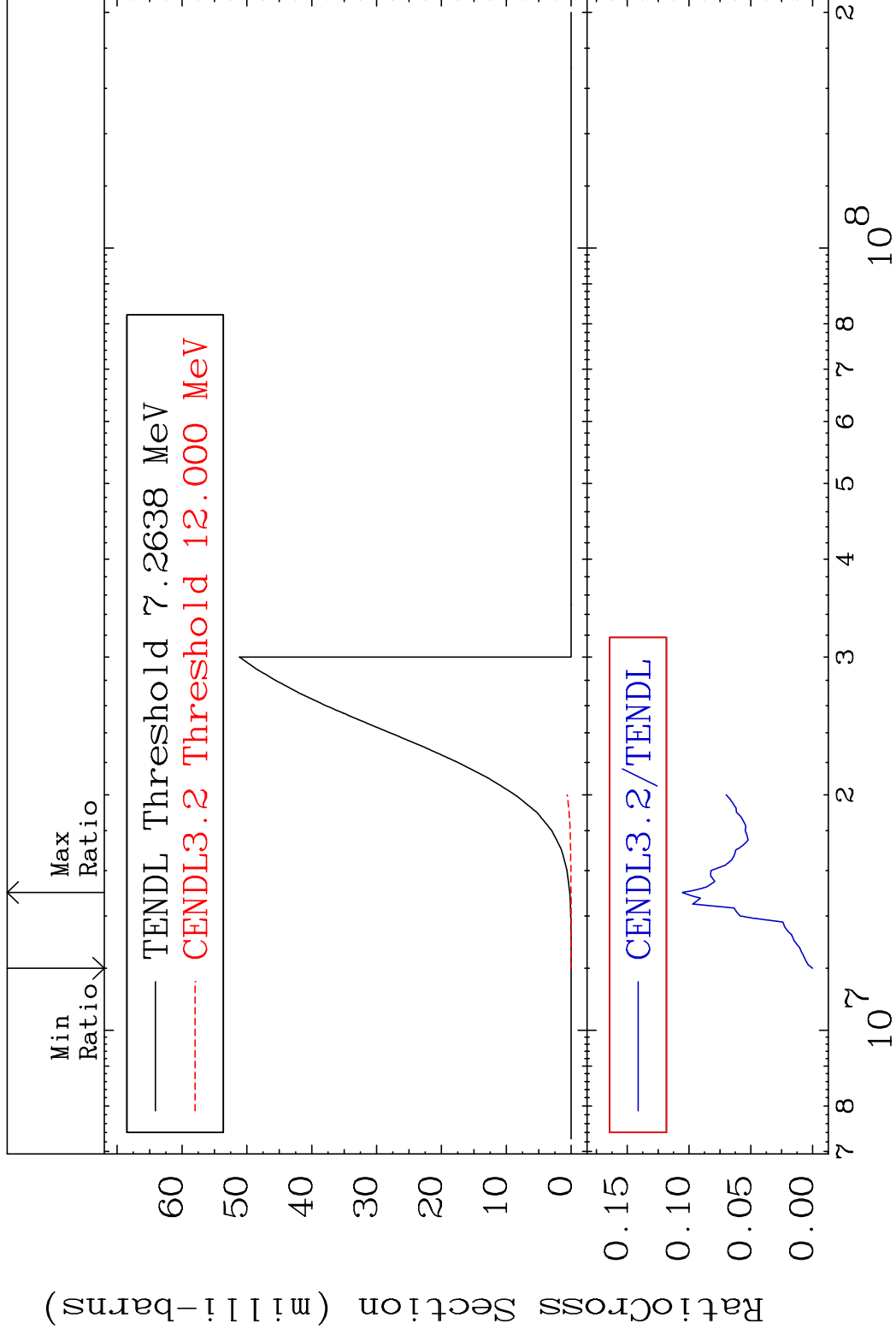
74-W -183

MAT 7434

(n, n') p

74-W -183

Cross Section -100.0 To -89.46%

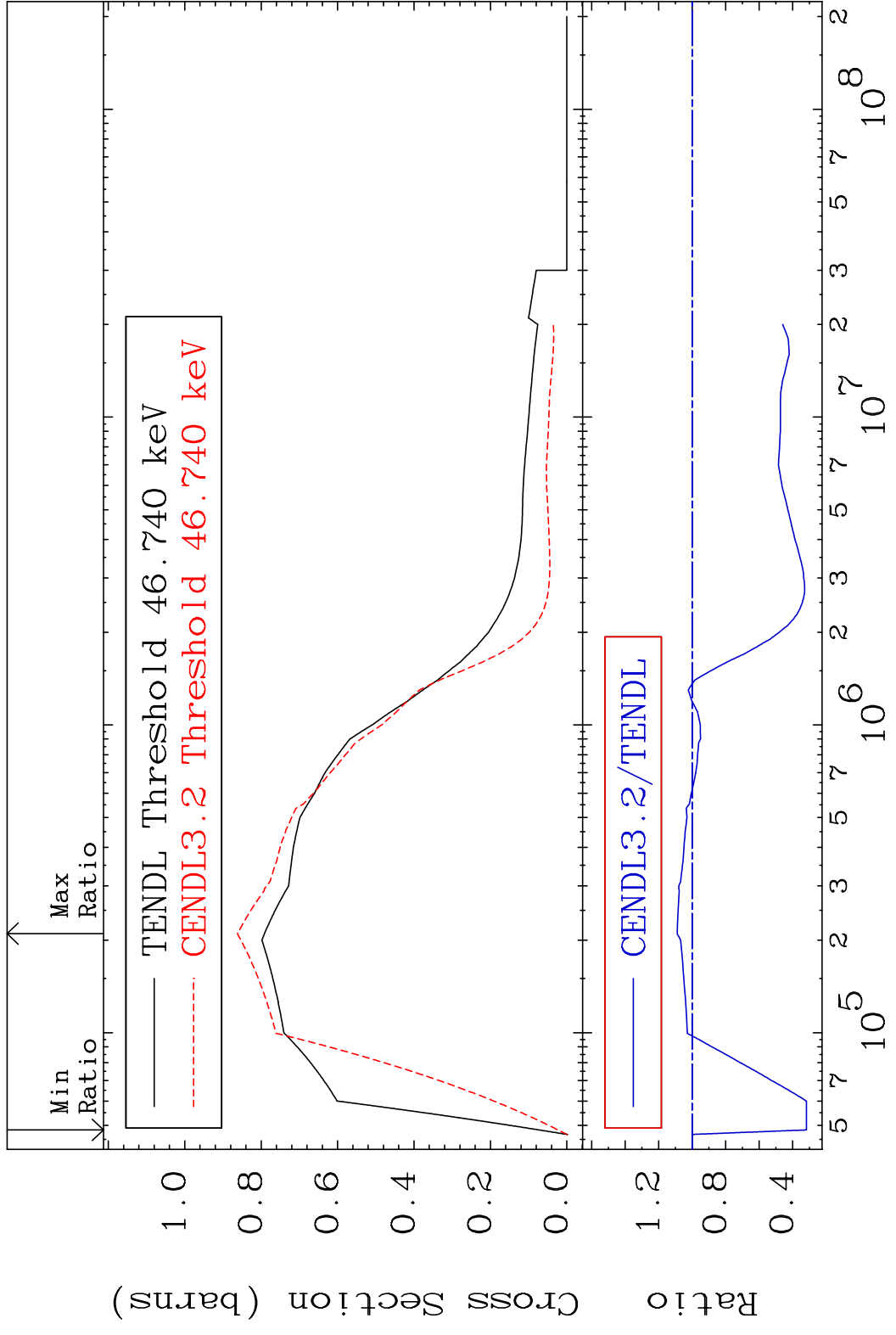


7

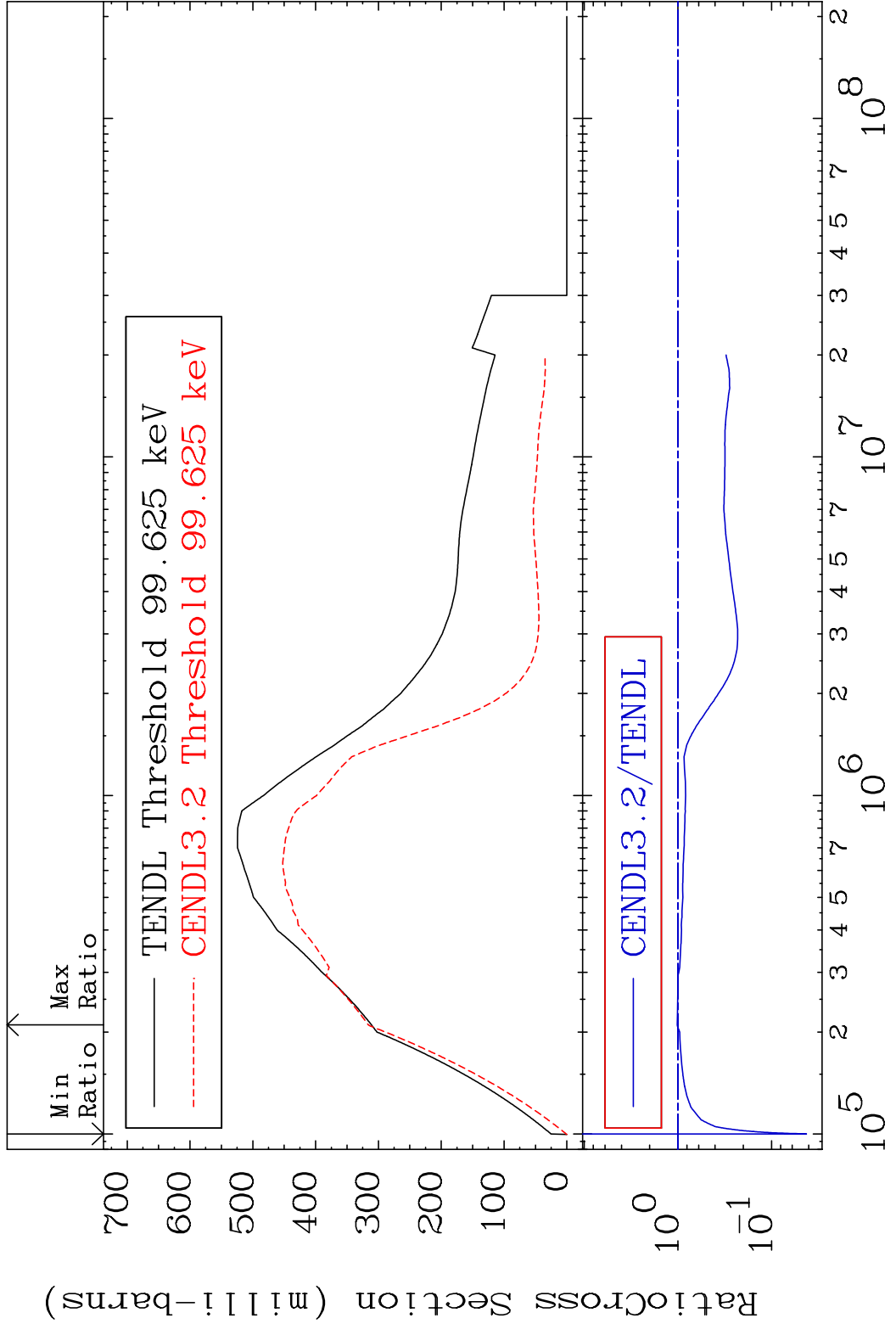
Incident Energy (eV)

74-W -183

MAT 7434 MT= 51 (n,n') Level 74-W -183
 Cross Section -68.24 To 8.937 %

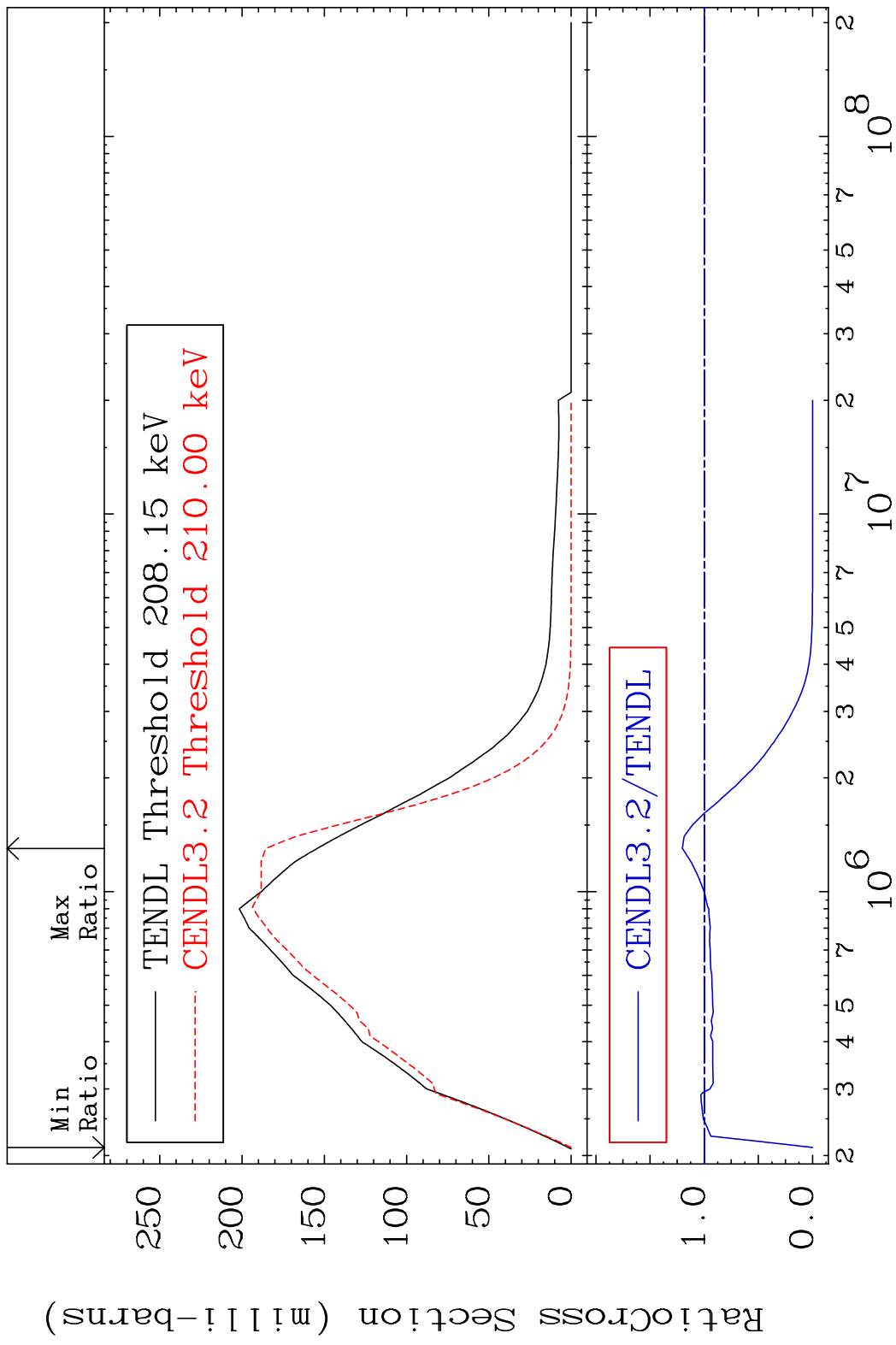


MAT 7434 MT= 52 (n,n') Level 74-W -183
 Cross Section -95.76 To 1.611 %



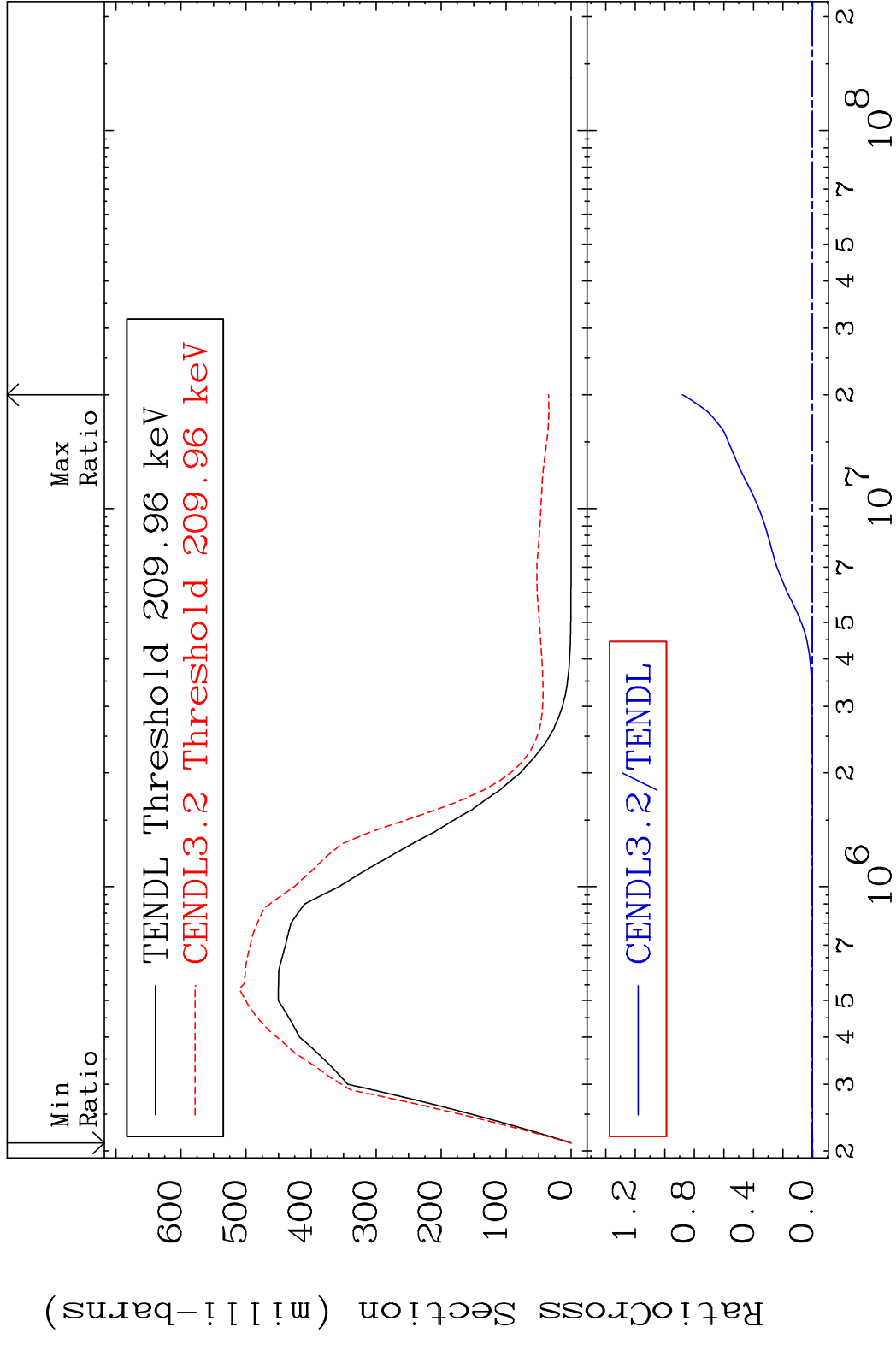
9 Incident Energy (eV) 74-W -183

MAT 7434 MT= 53 (n, n') Level 74-W -183
 Cross Section -100.0 To 20.16 %

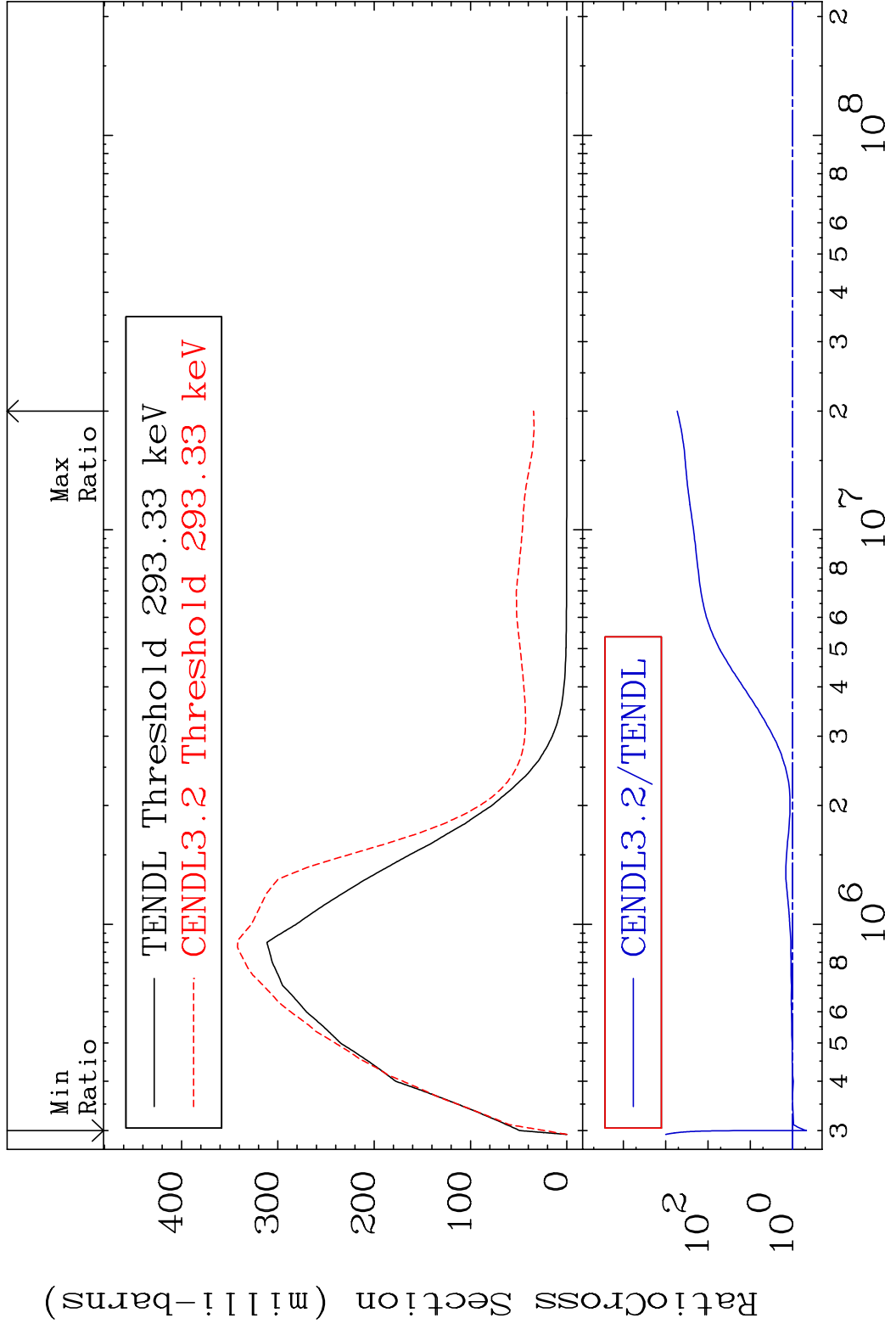


10 74-W -183

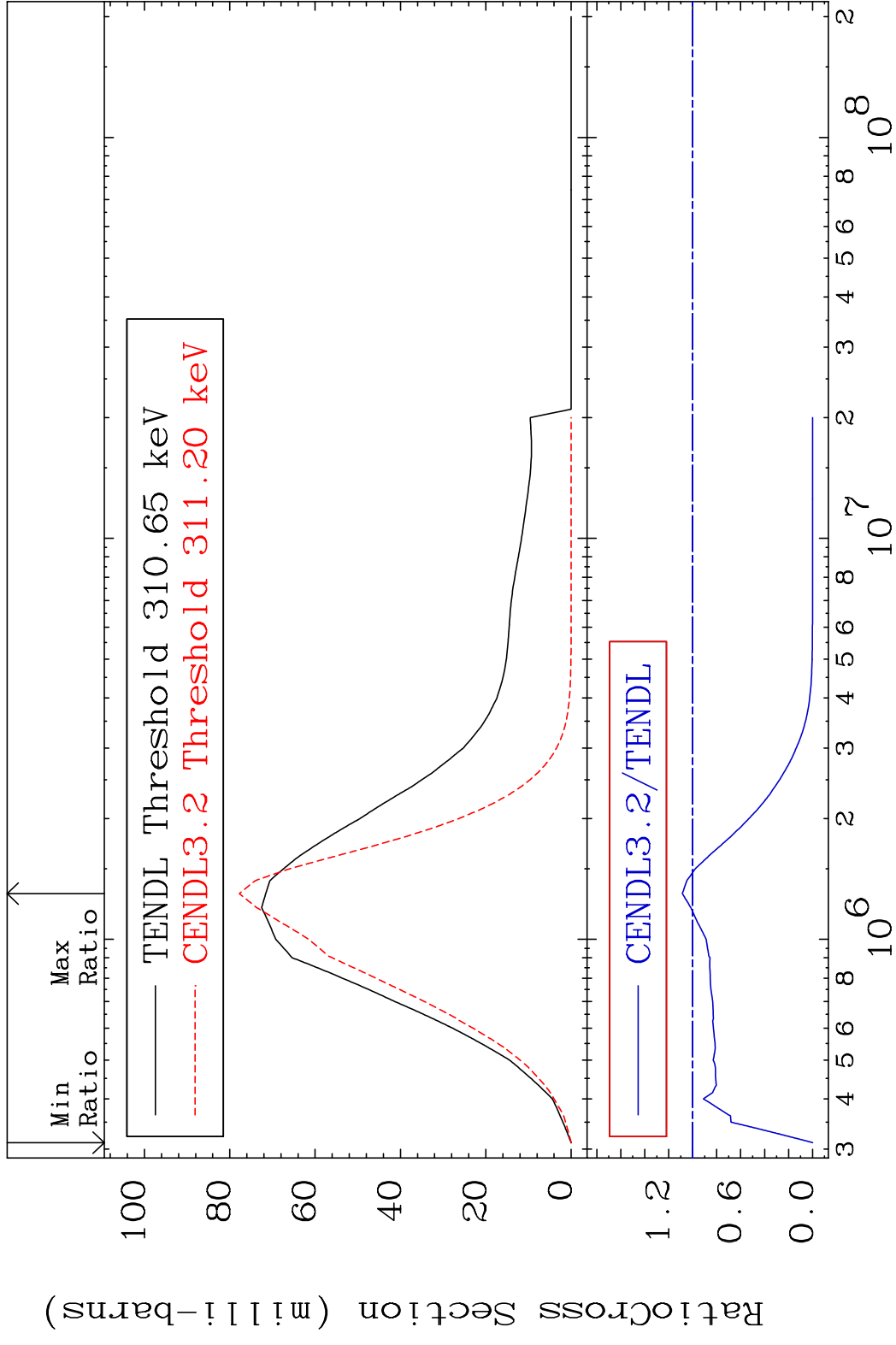
MAT 7434 MT= 54 (n, n') Level 74-W -183
 Cross Section -100.0 To 9999. %



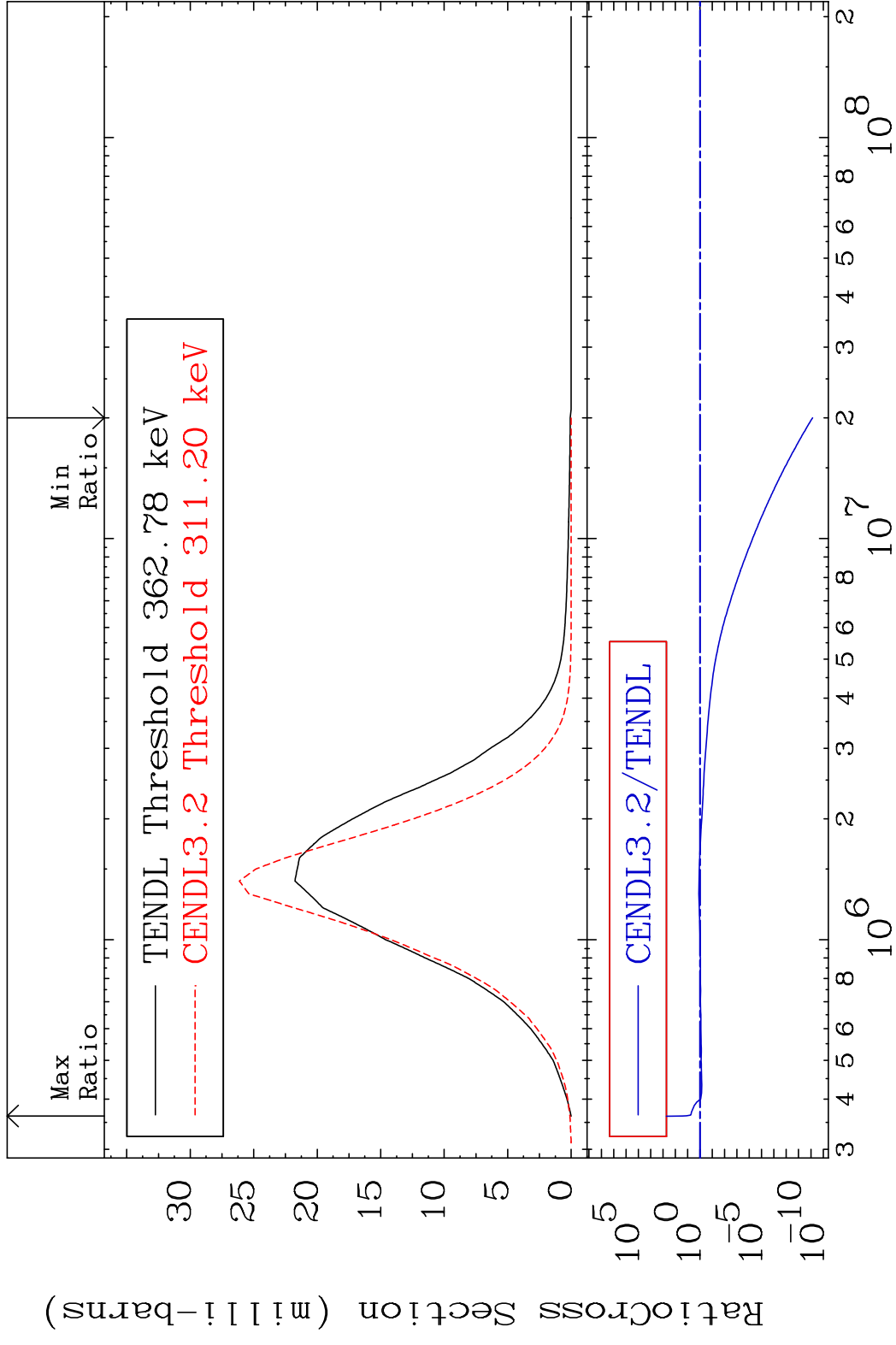
MAT 7434 MT= 55 (n,n') Level 74-W -183
 Cross Section -52.73 To 9999. %



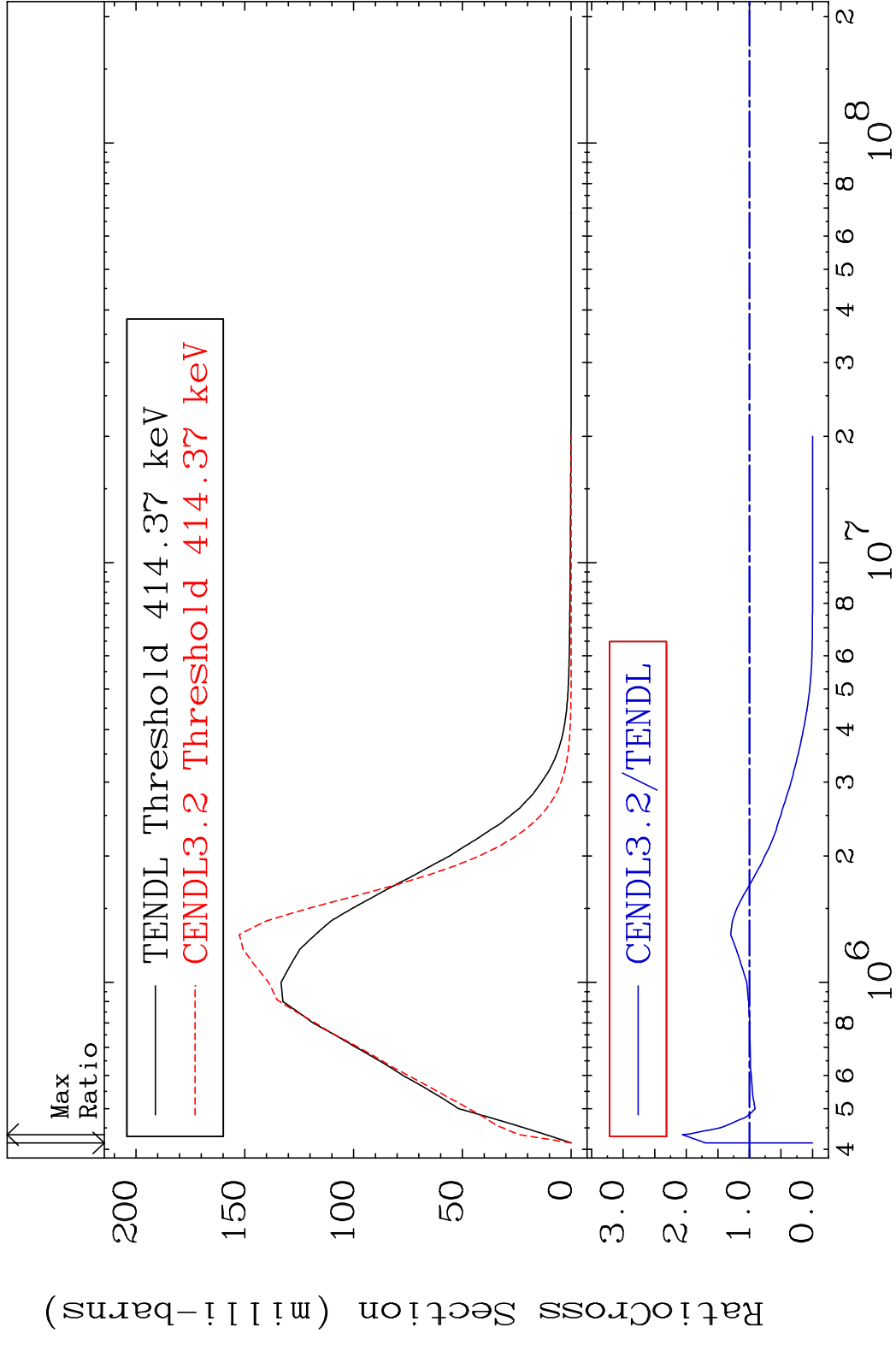
MAT 7434 MT= 56 (n, n') Level 74-W -183
 Cross Section -100.0 To 8.641 %



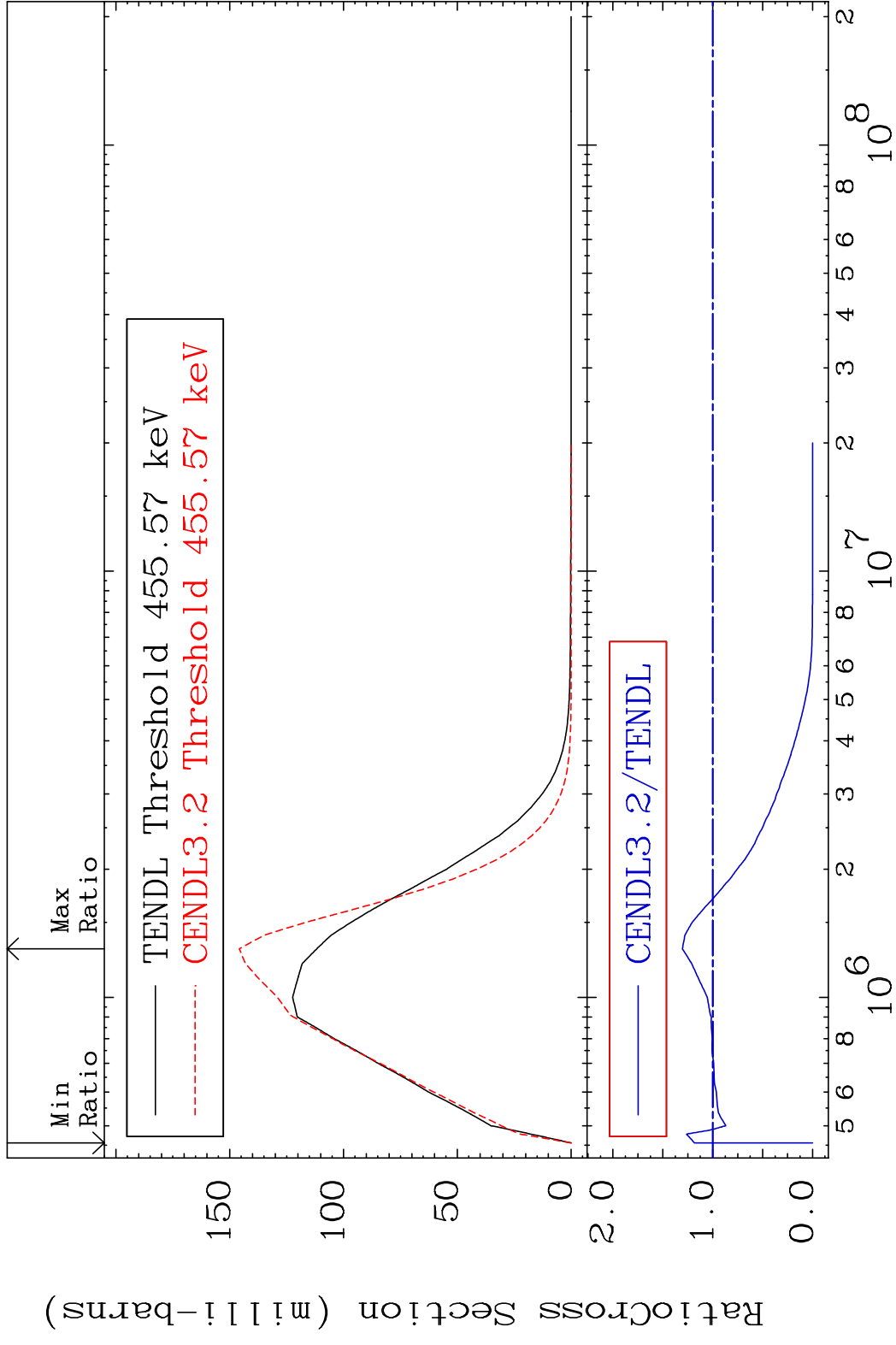
MAT 7434 MT= 57 (n, n') Level 74-W -183
 Cross Section -100.0 To 2573. %



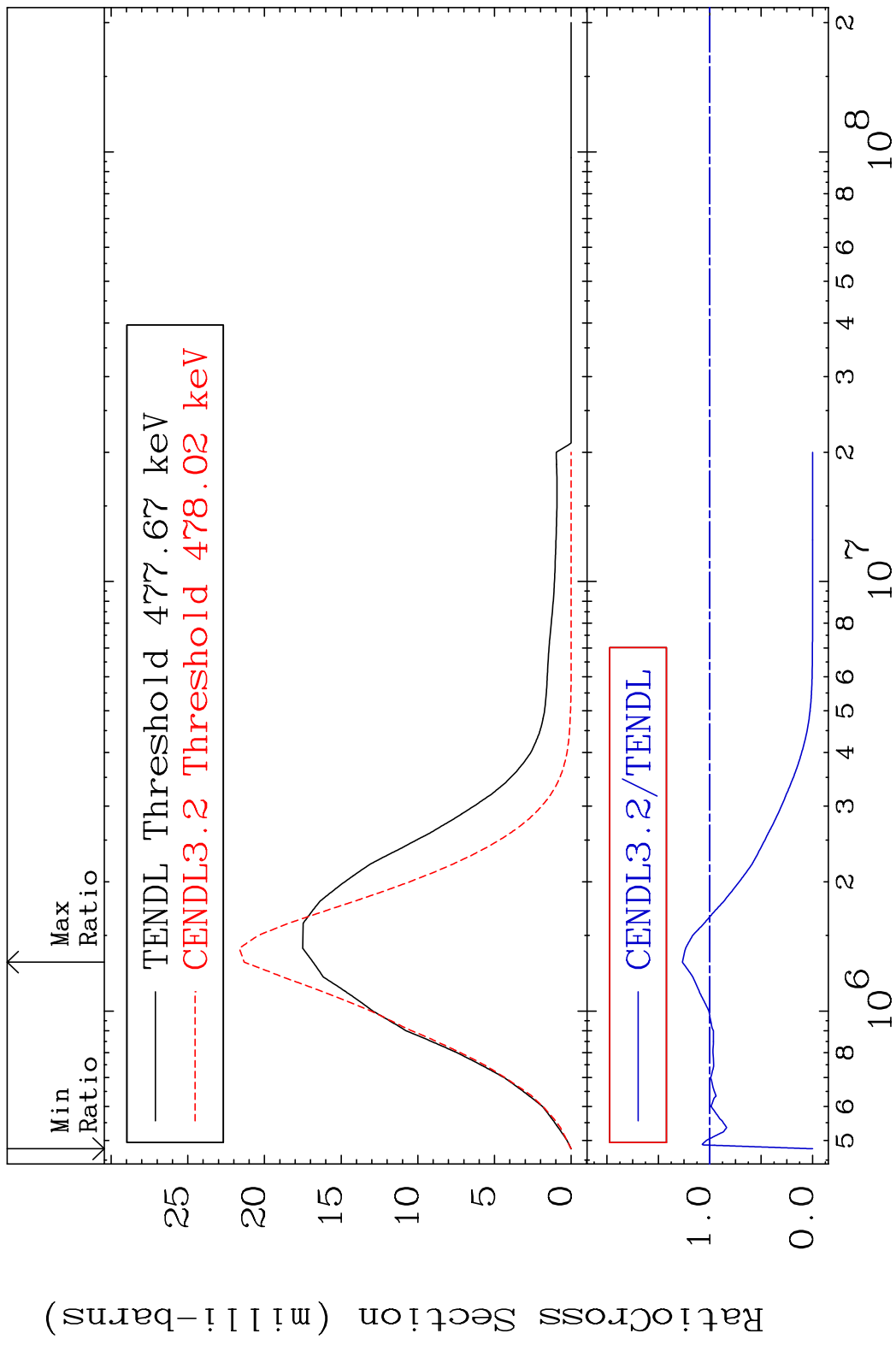
MAT 7434 MT= 58 (n,n') Level 74-W -183
 Cross Section -100.0 To 106.2 %



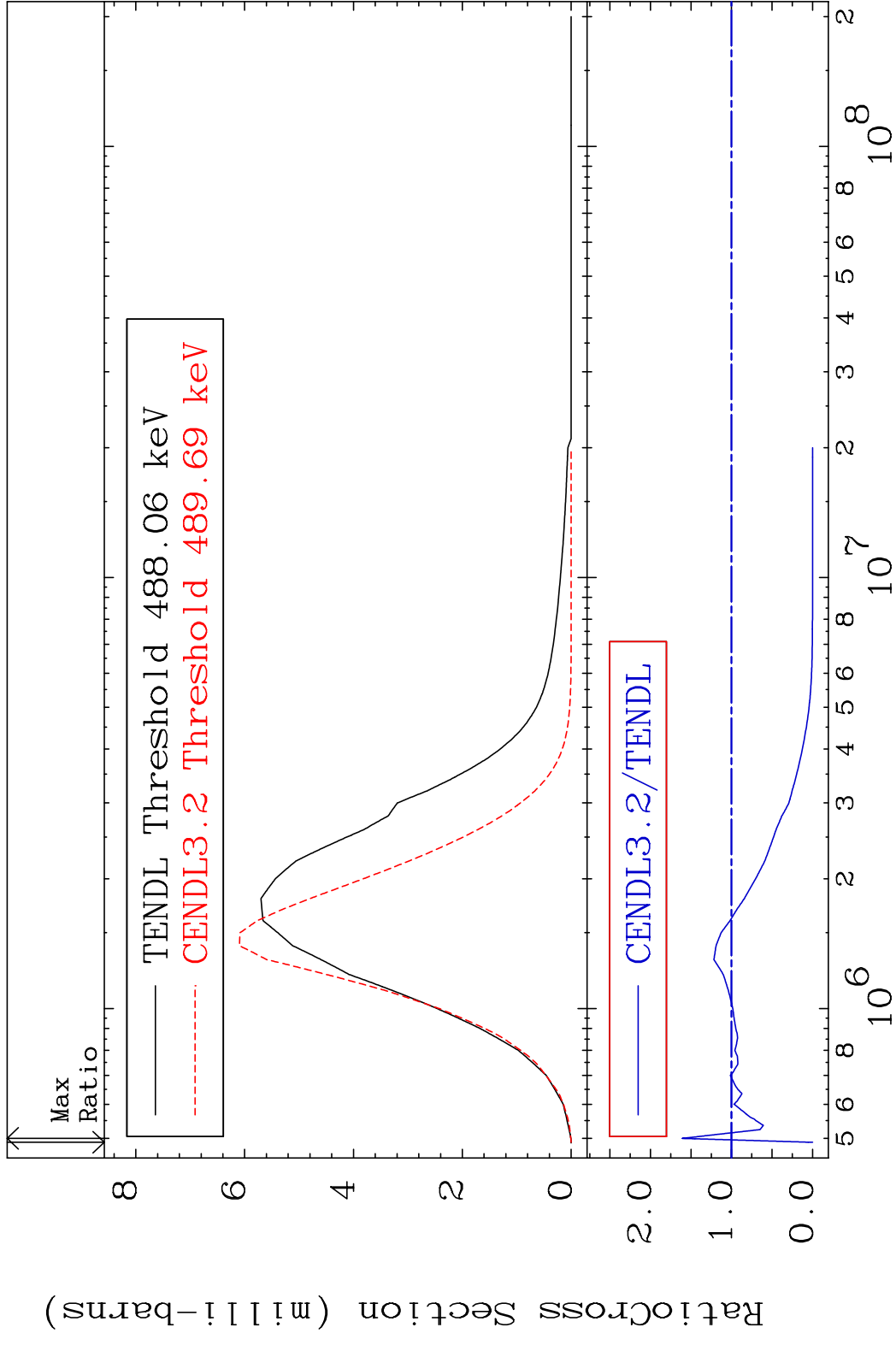
MAT 7434 MT= 59 (n,n') Level 74-W -183
 Cross Section -100.0 To 30.44 %



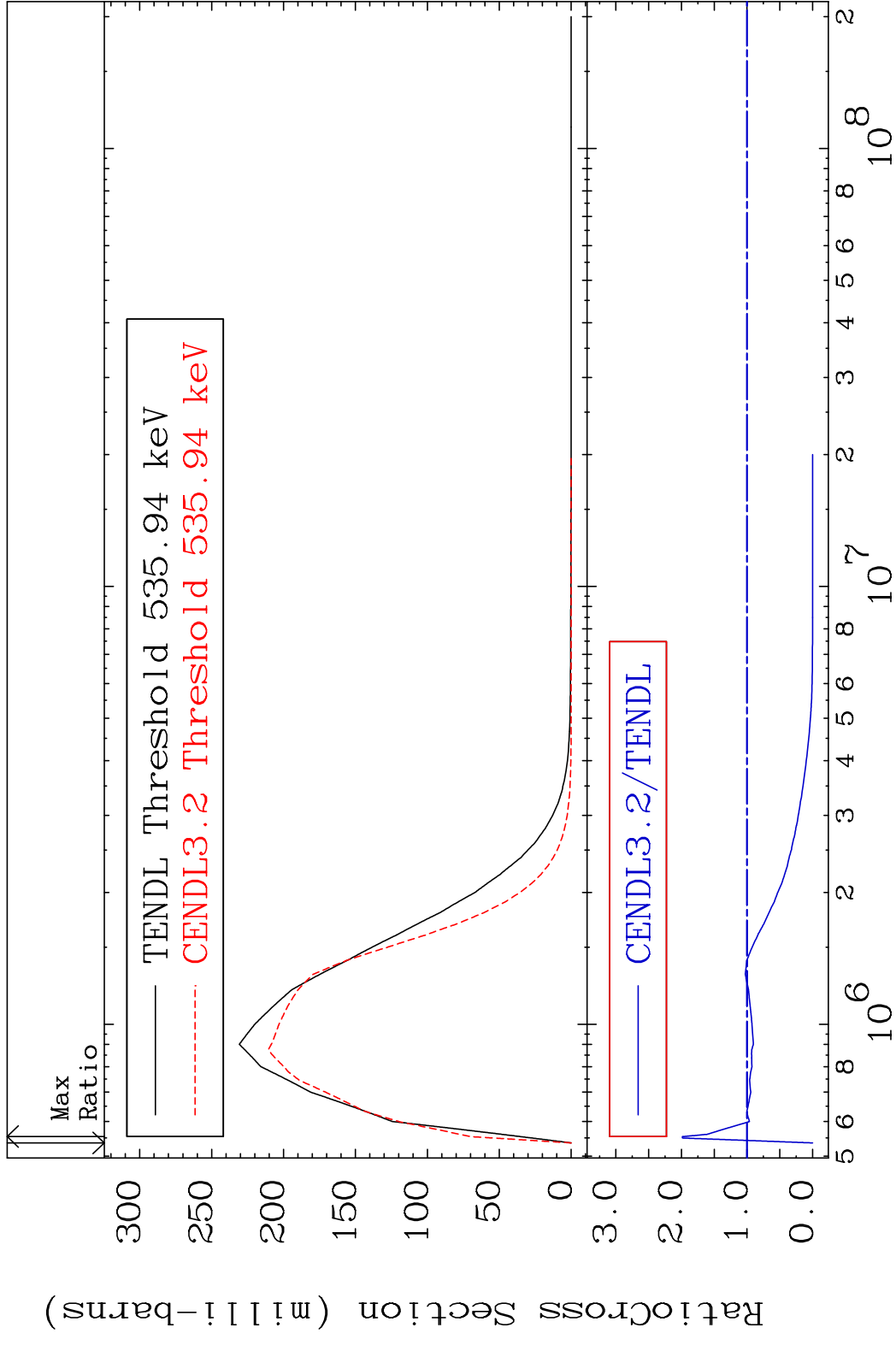
MAT 7434 MT= 60 (n, n') Level 74-W -183
 Cross Section -100.0 To 26.68 %



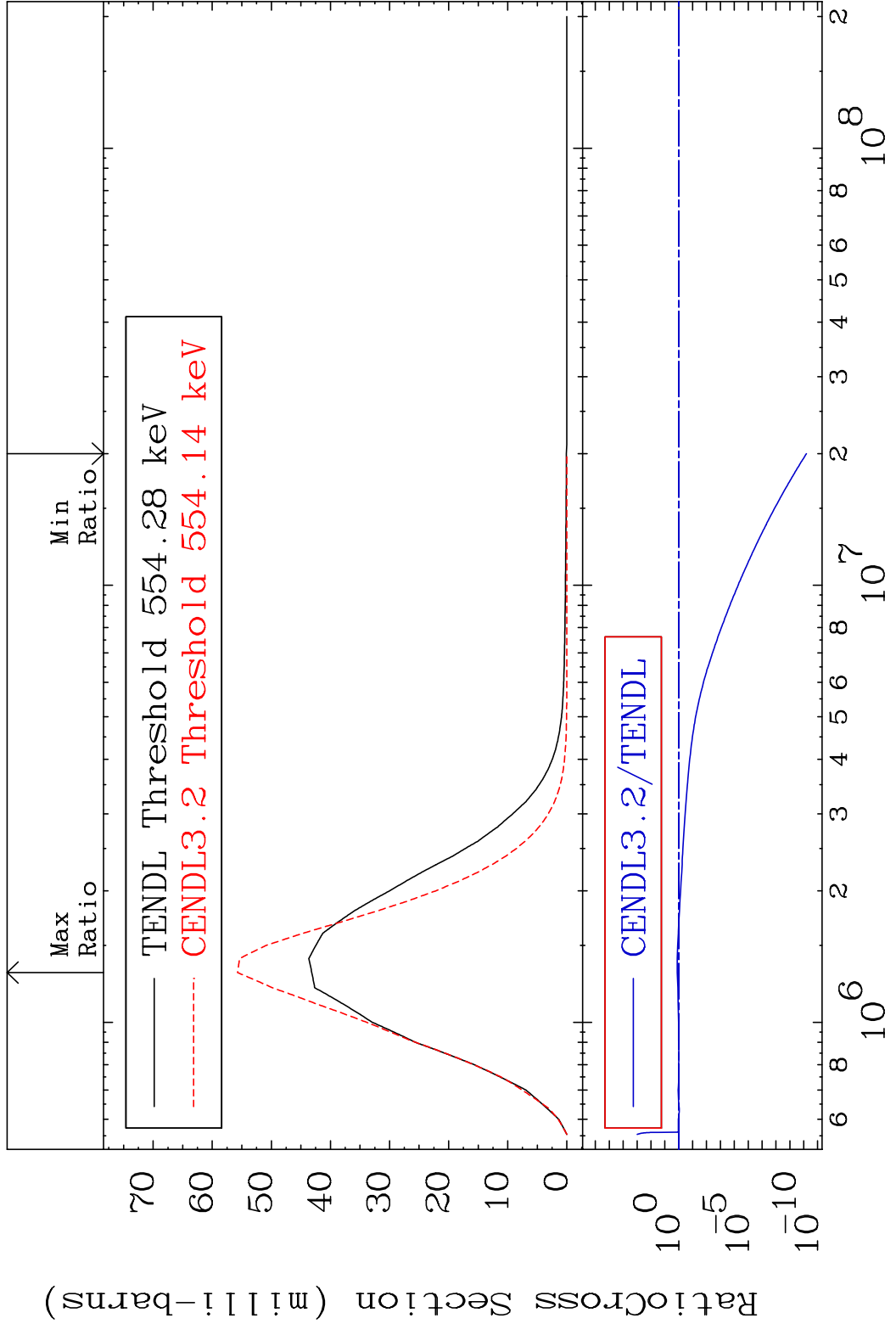
MAT 7434 MT= 61 (n, n') Level 74-W -183
 Cross Section -100.0 To 60.68 %



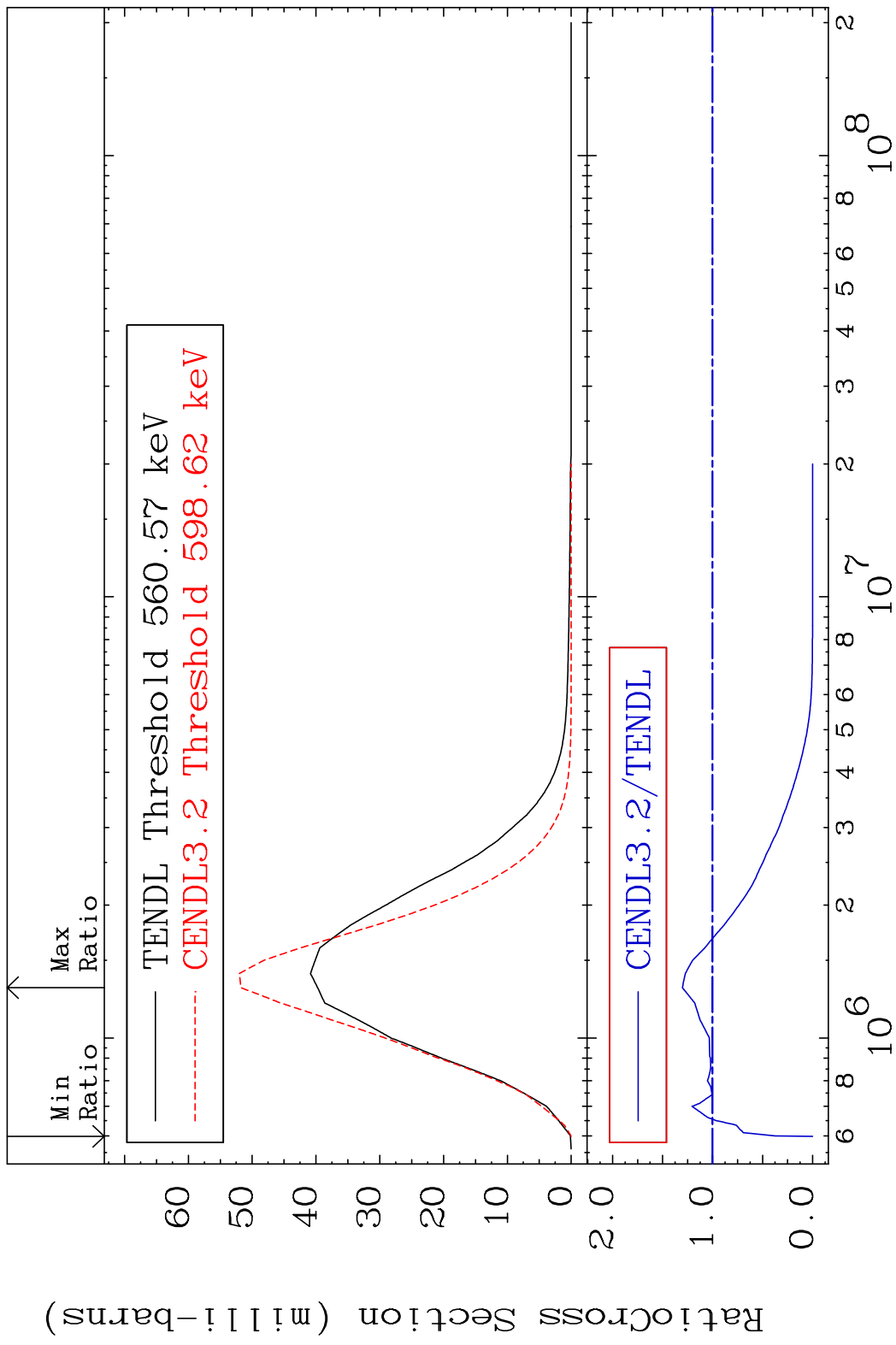
MAT 7434 MT= 62 (n, n') Level 74-W -183
 Cross Section -100.0 To 98.63 %



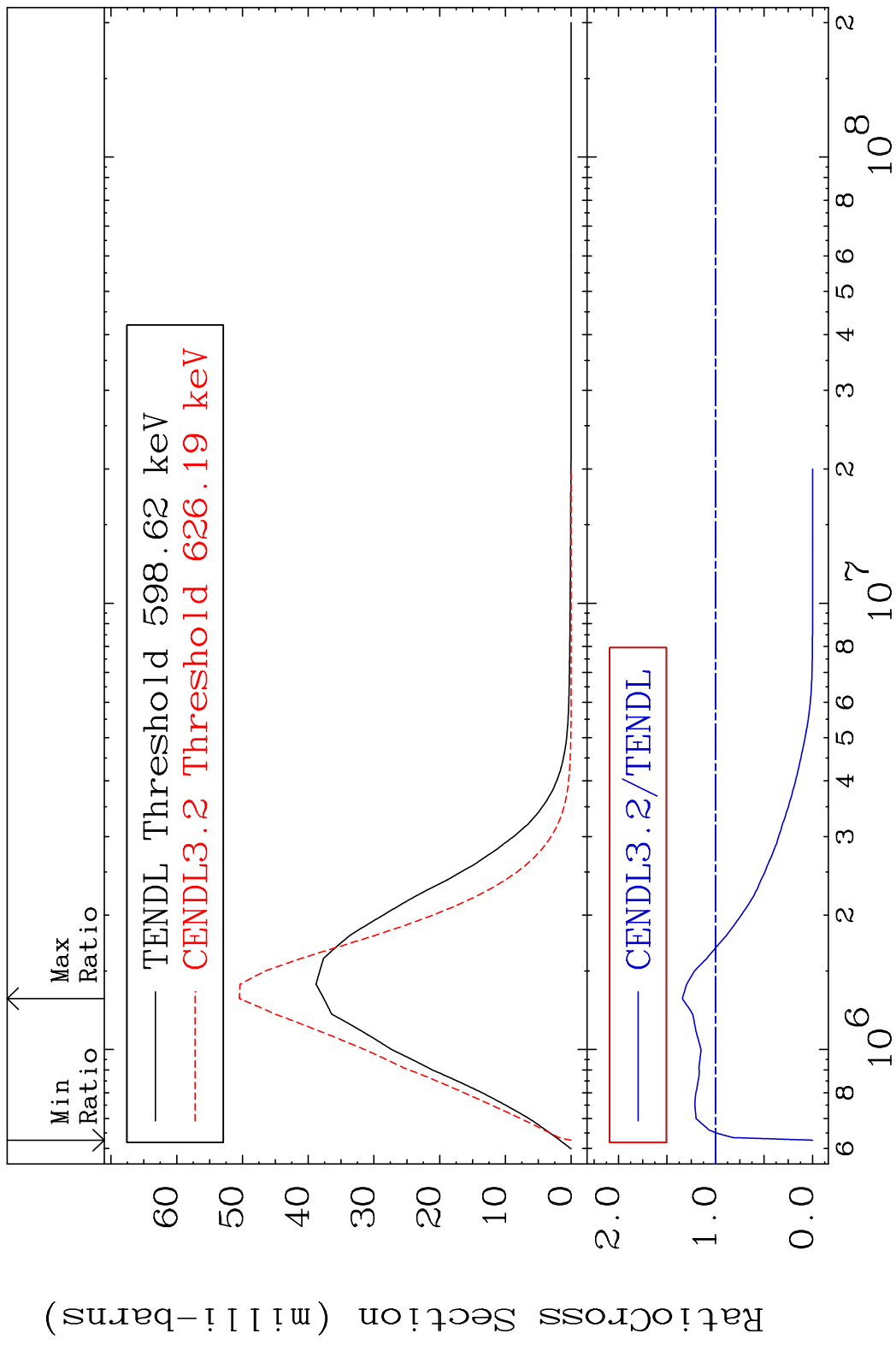
MAT 7434 MT= 63 (n, n') Level 74-W -183
 Cross Section -100.0 To 29.12 %



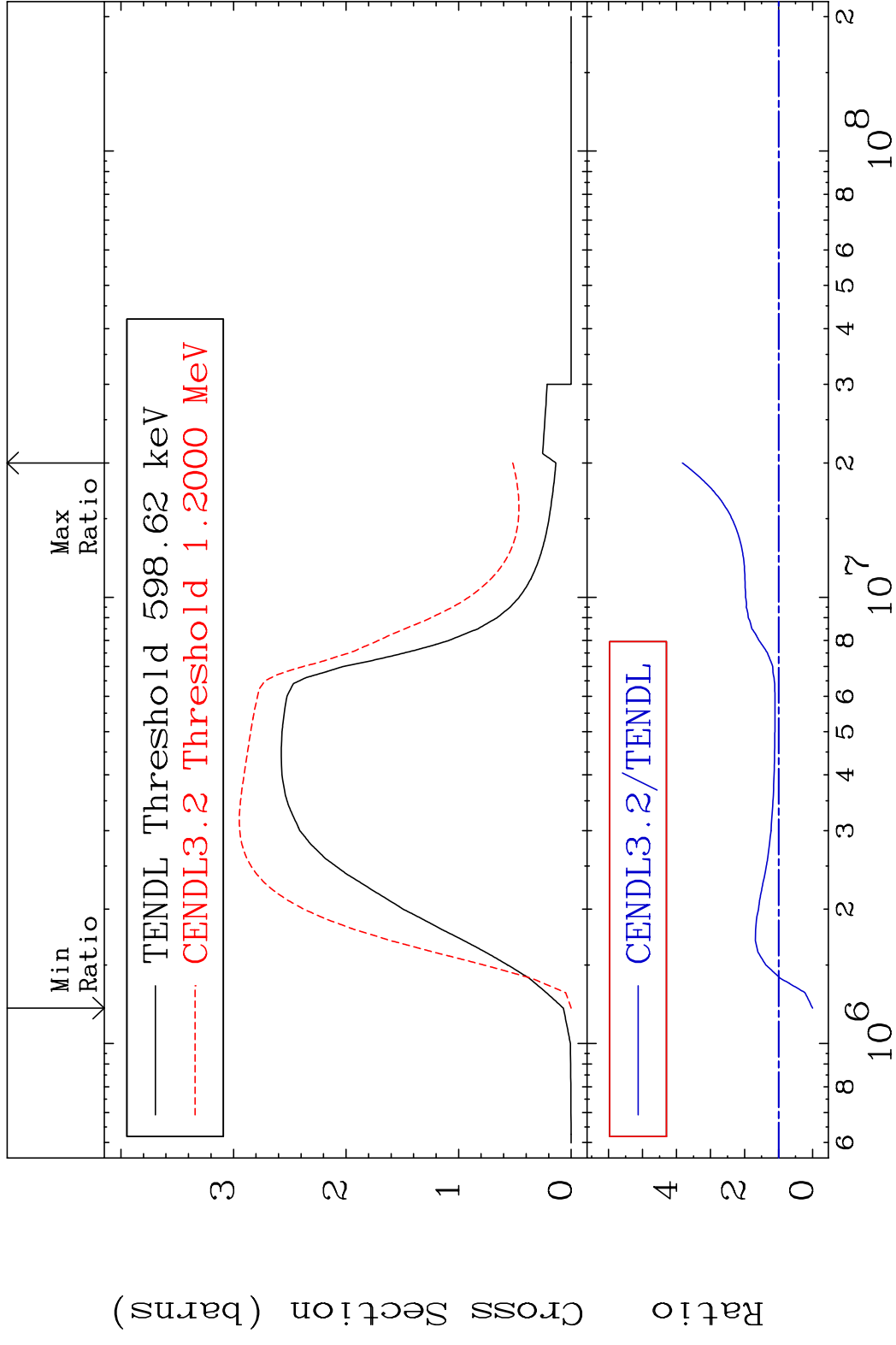
MAT 7434 MT= 64 (n,n') Level 74-W -183
 Cross Section -100.0 To 30.25 %



MAT 7434 MT= 65 (n, n') Level 74-W -183
 Cross Section -100.0 To 34.17 %



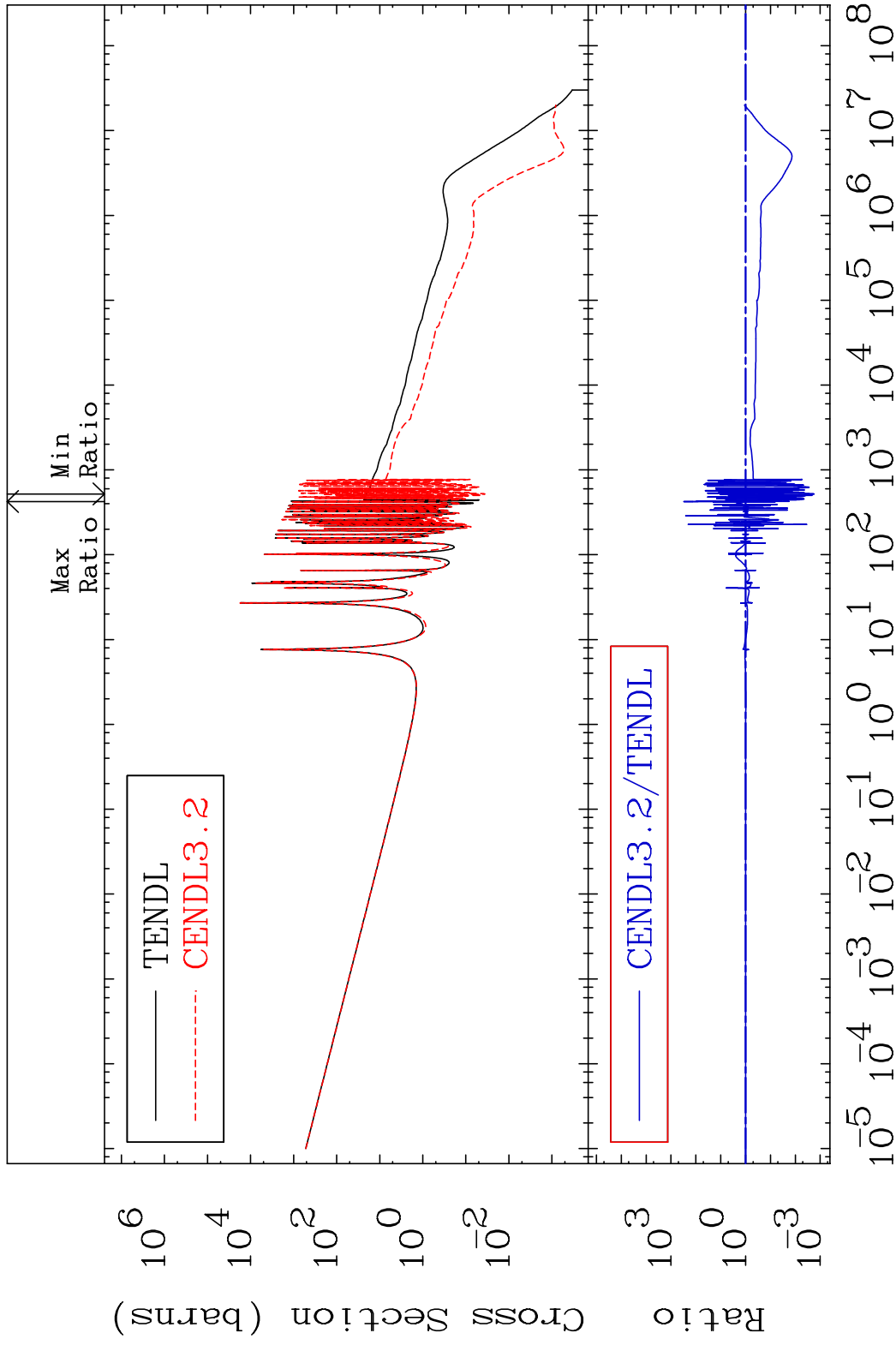
MAT 7434 (n,n') Continuum 74-W -183
 Cross Section -100.0 To 282.9 %



MAT 7434

(n, γ)
Cross Section -99.82 To 9999. %

74-W -183



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Incident Energy (eV)

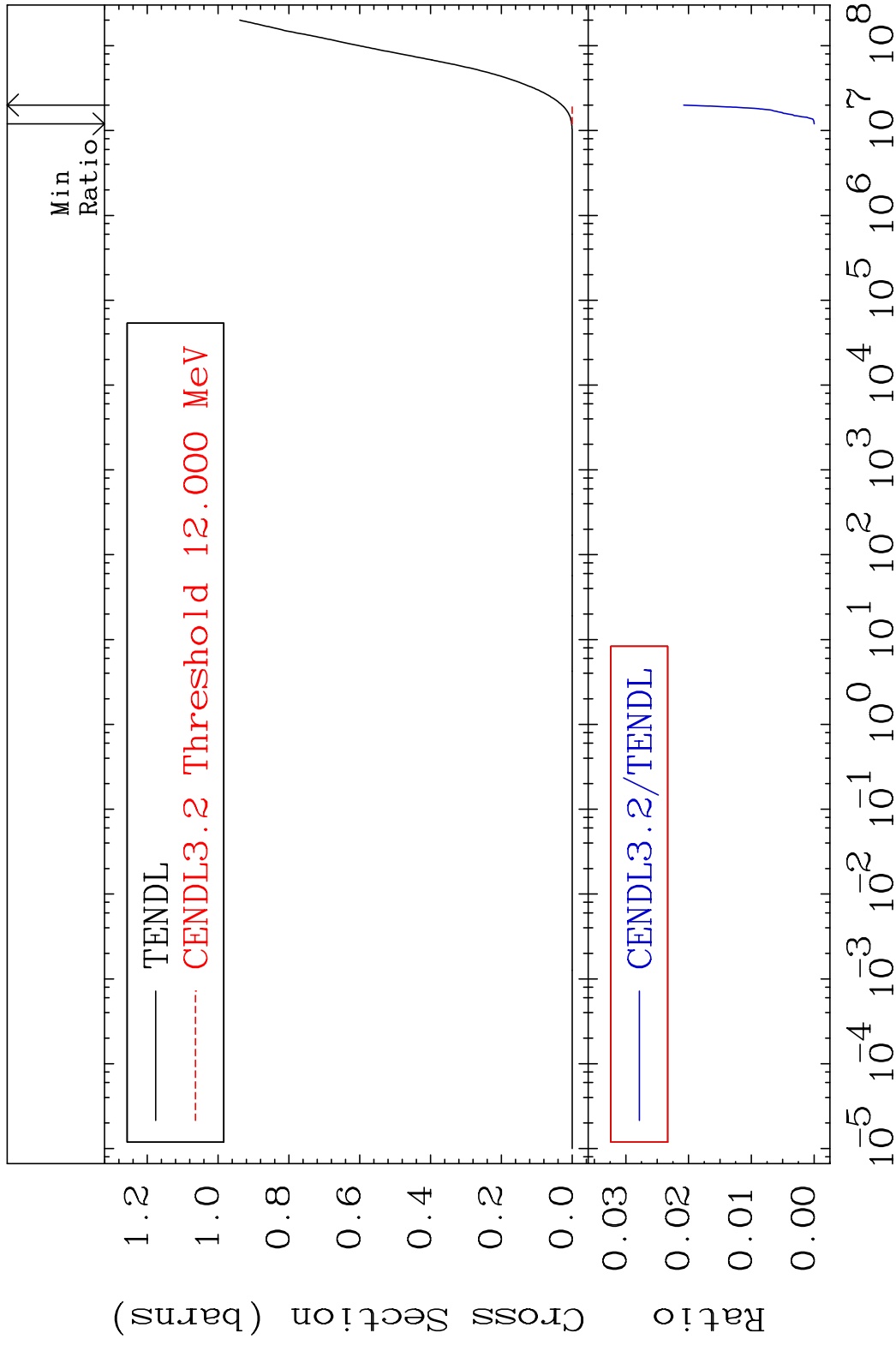
74-W -183

MAT 7434

Hydrogen Production

74-W -183

Cross Section -100.0 To -97.92%



25

Incident Energy (eV)

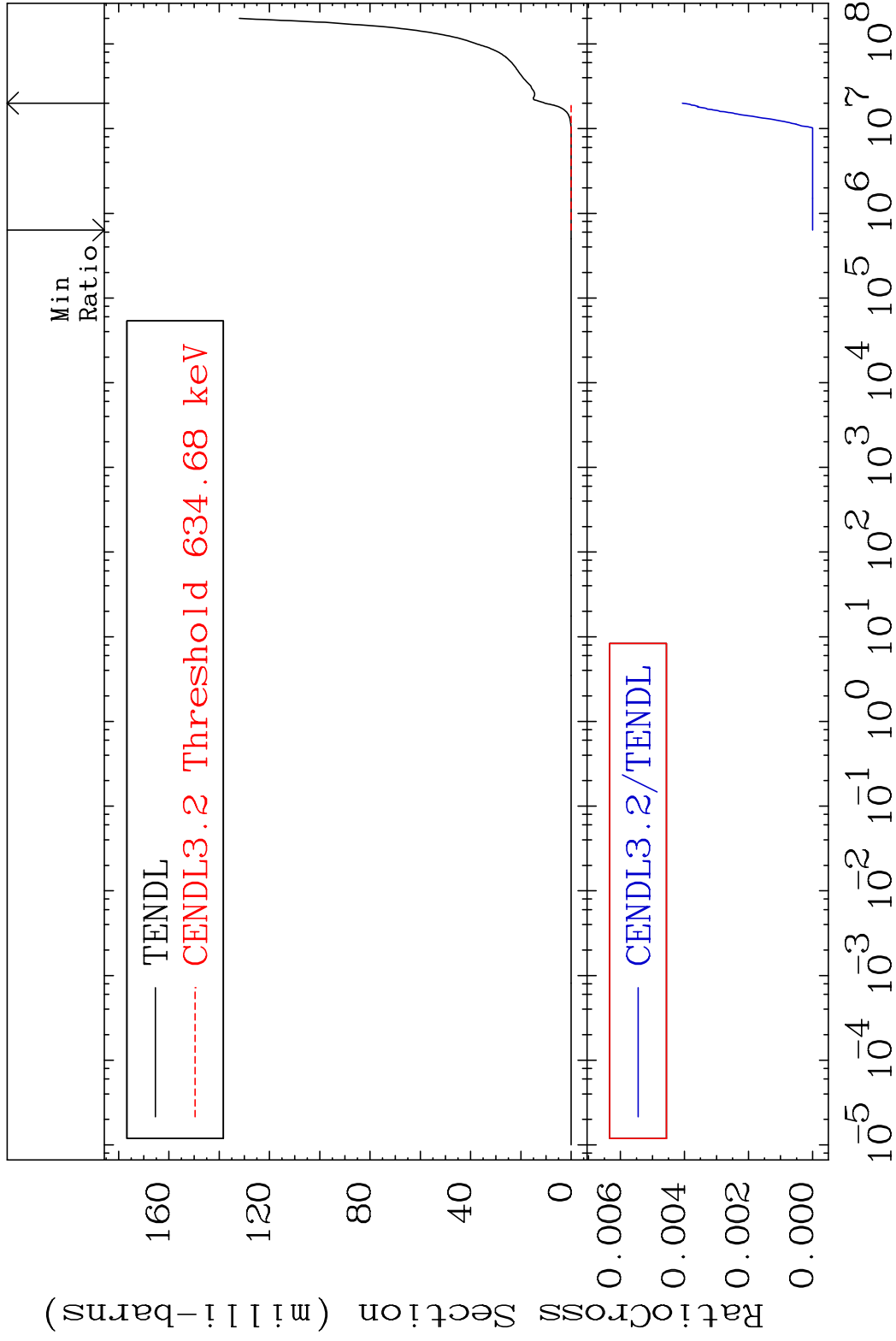
74-W -183

MAT 7434

He-4 Production

74-W -183

Cross Section -100.0 To -99.59%

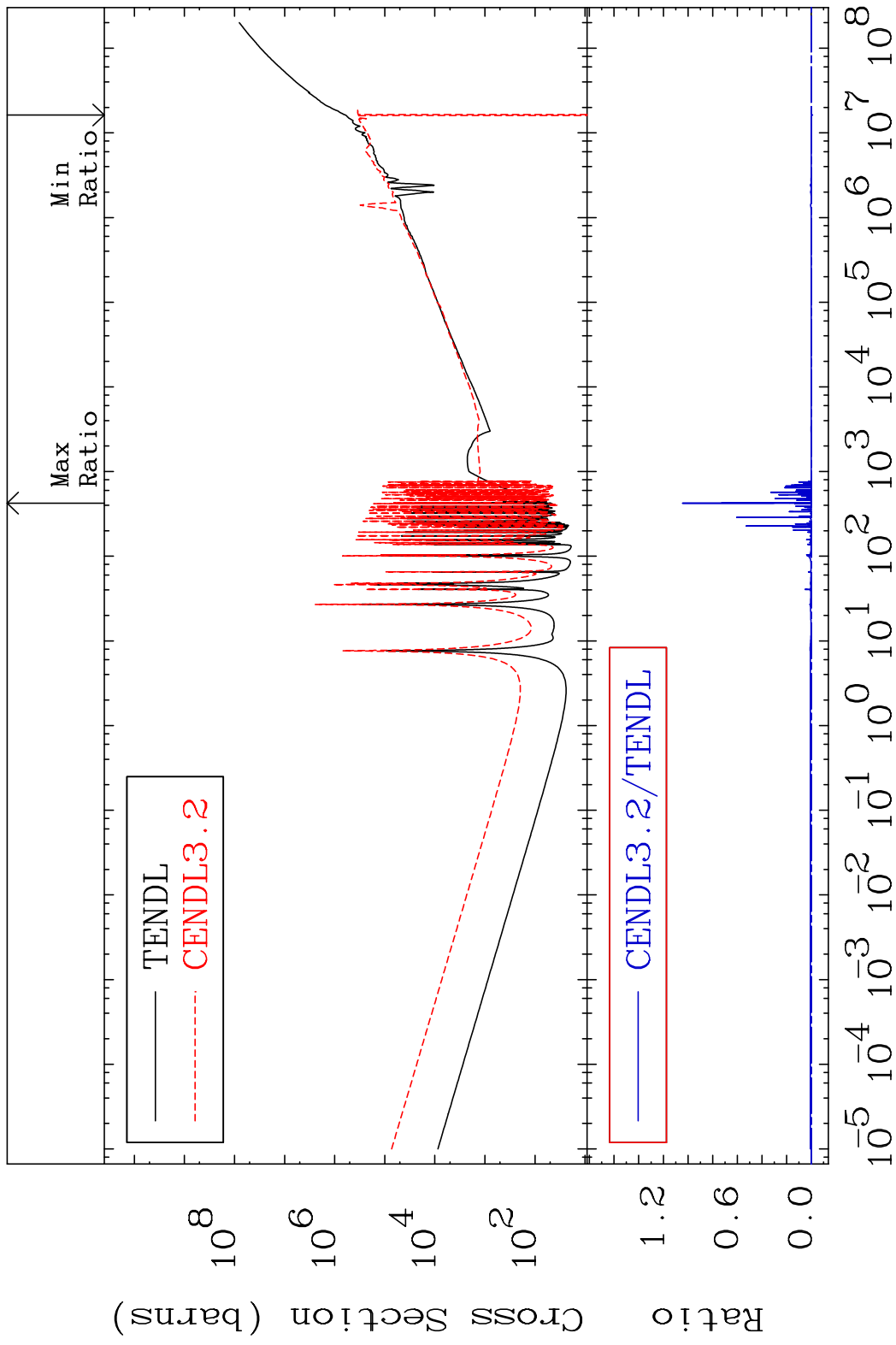


26

Incident Energy (eV)

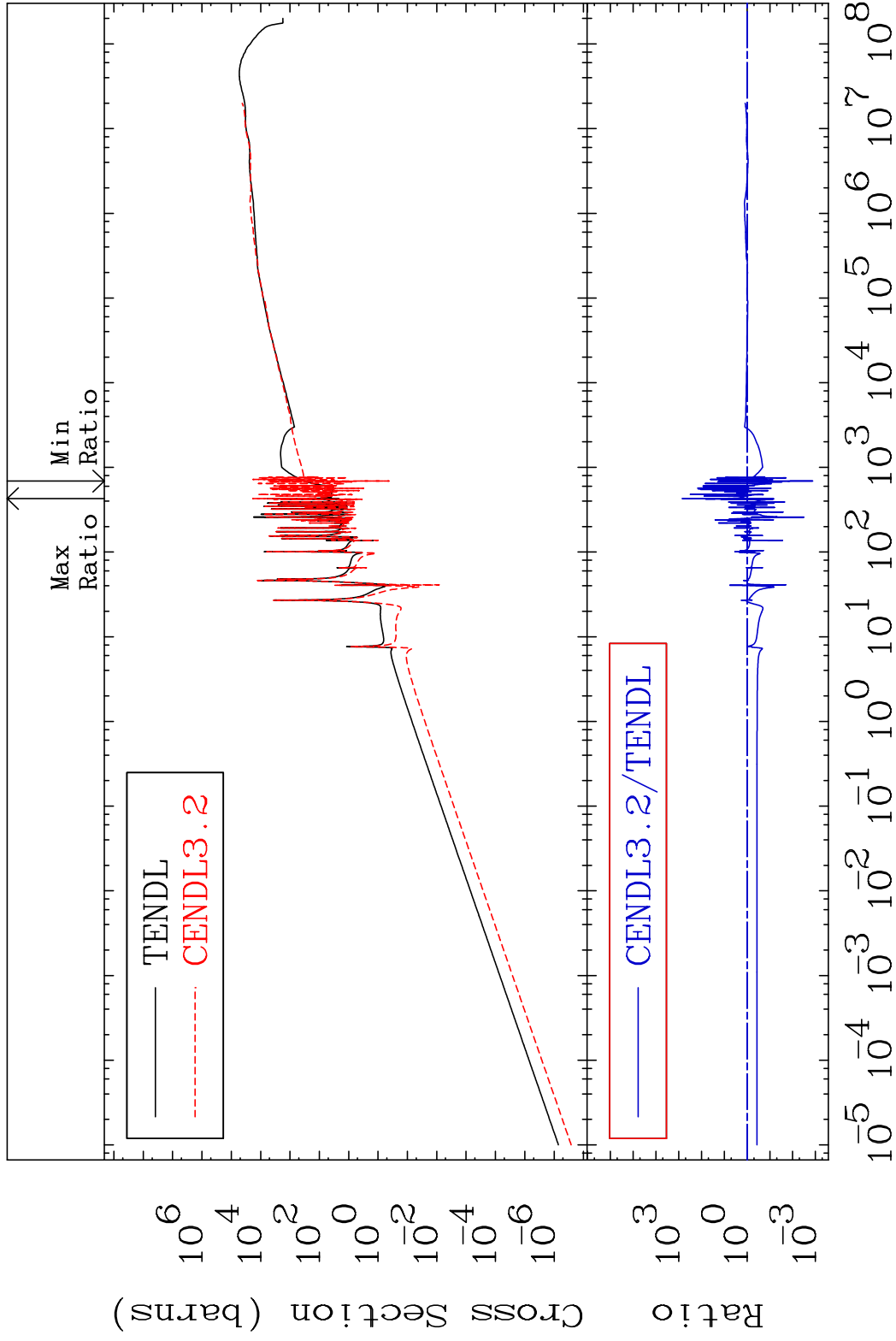
74-W -183

MAT 7434 Kerma total (eV-barns) 74-W -183
 Cross Section -1105. To 9999. %



MAT 7434

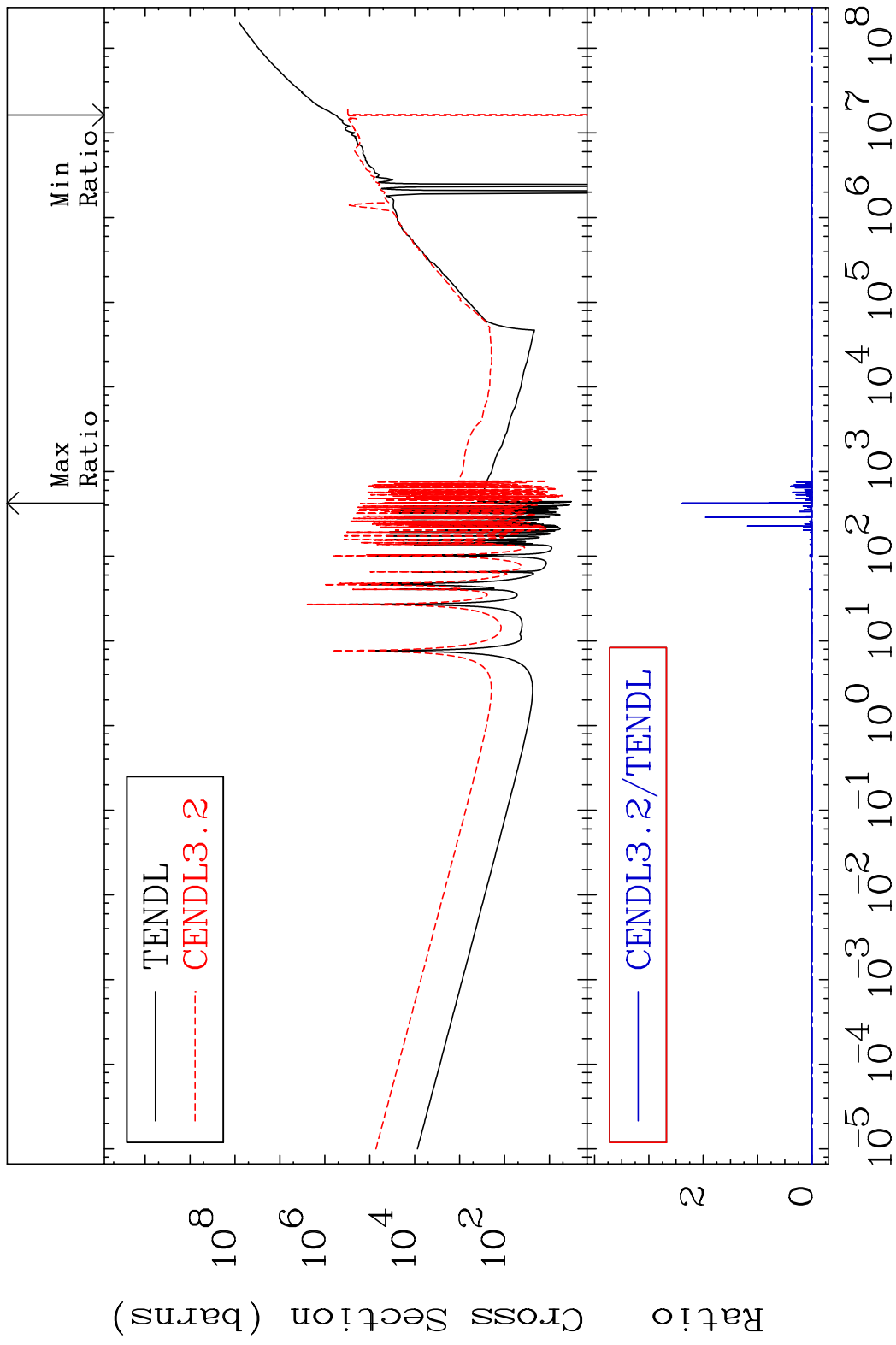
Kerma elastic Cross Section -99.87 To 9999. %
74-W -183



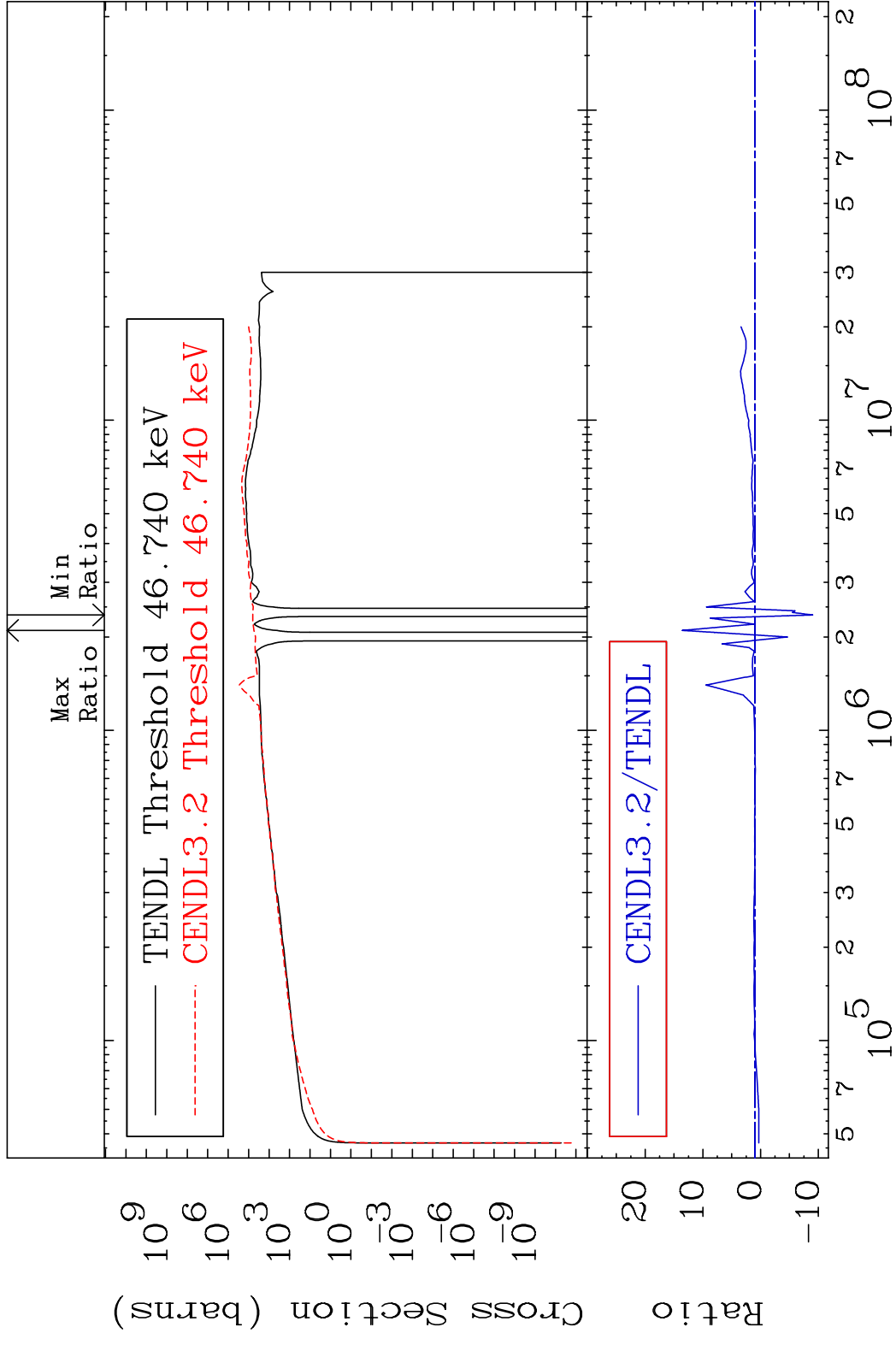
28

Incident Energy (eV) 74-W -183

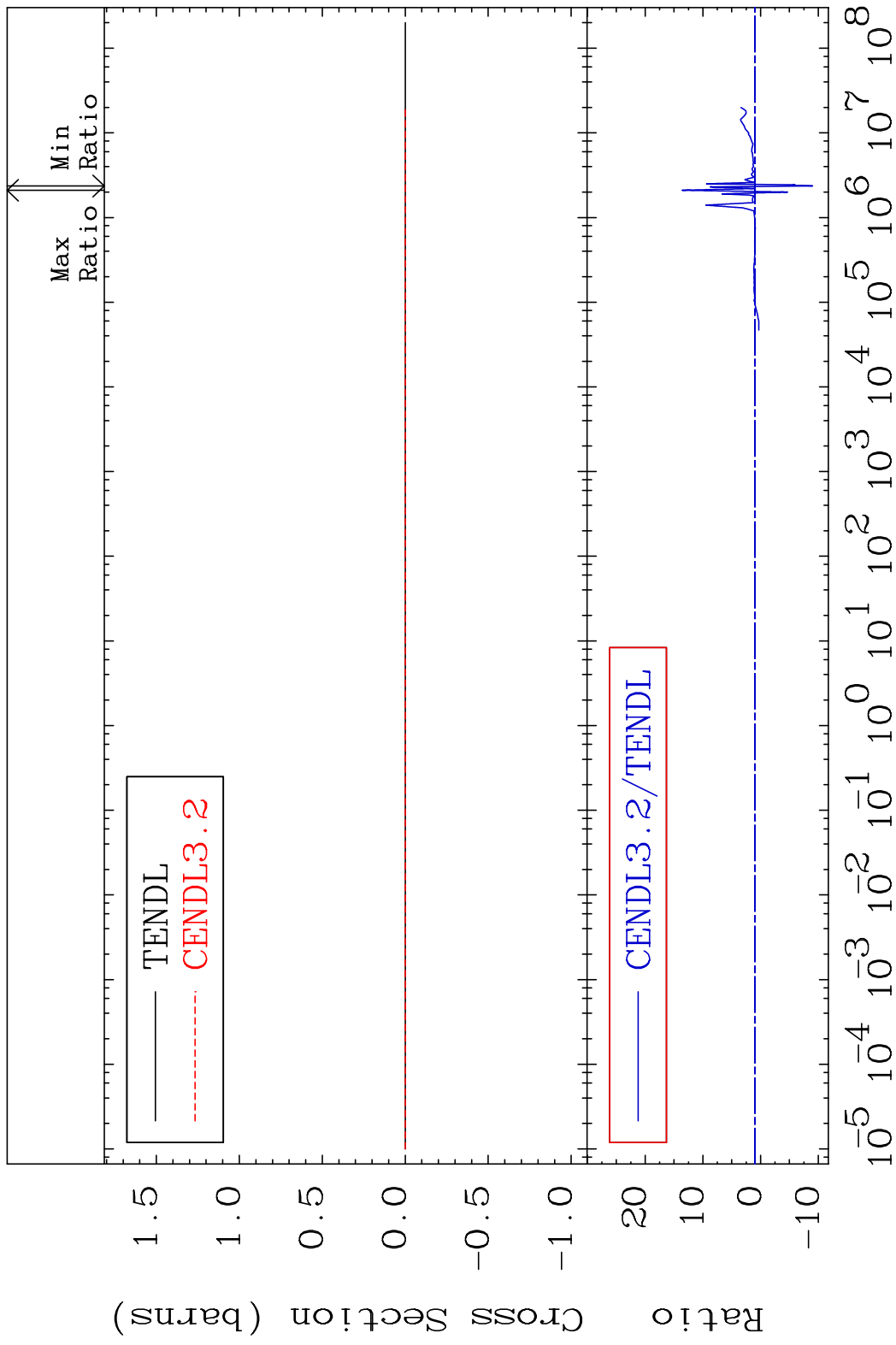
MAT 7434 Kerma non-elastic (all but mt2) 74-W -183
 Cross Section -1168. To 9999. %



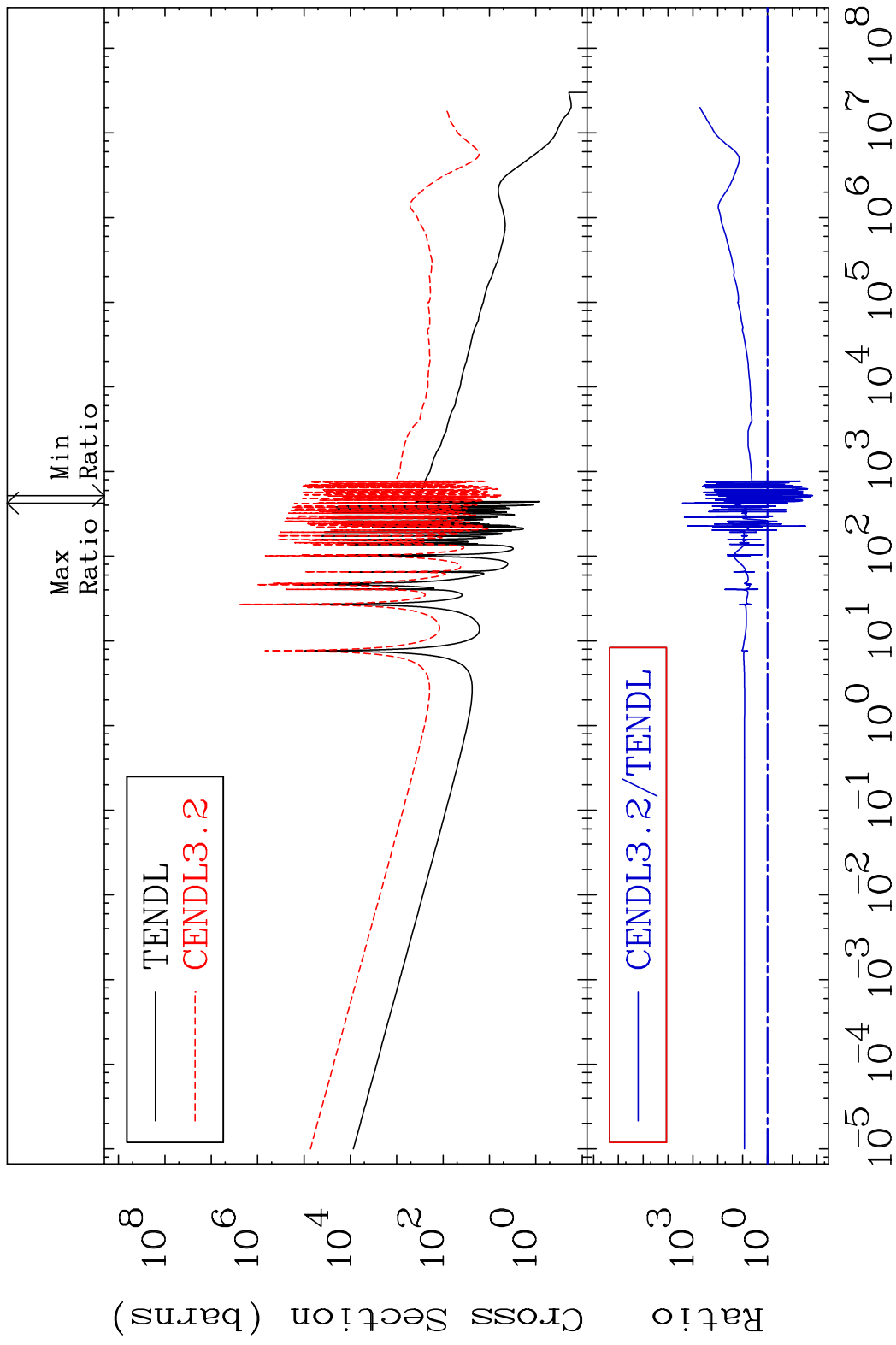
MAT 7434 Kerma inelastic (mt51-91) 74-W -183
 Cross Section -1000. To 1256. %



MAT 7434 Kerma fission (mt18 or mt19-20-21-38) 74-W -183
 Cross Section -1000. To 1256. %

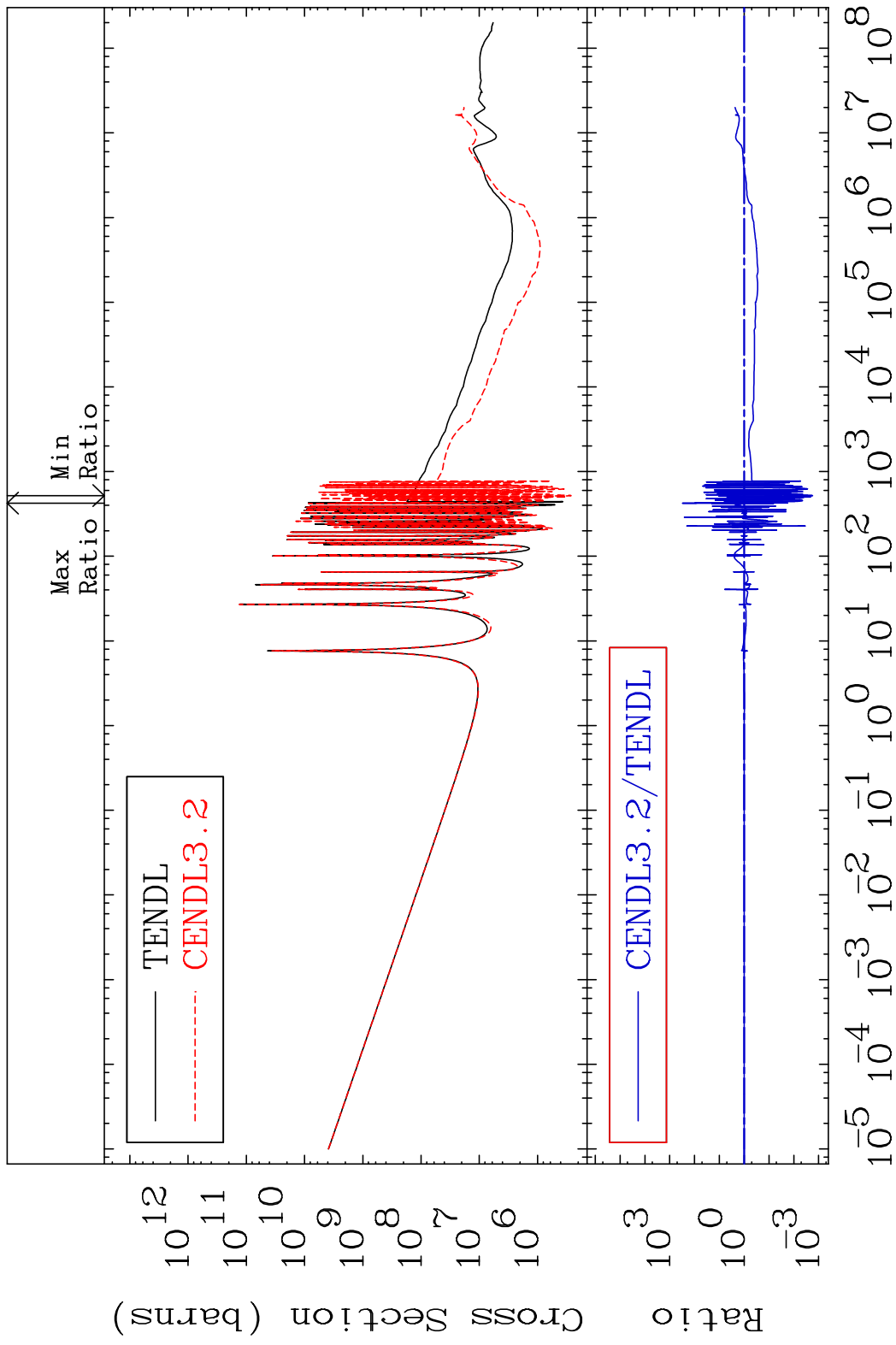


MAT 7434 Kerma capture (mt102) 74-W -183
 Cross Section -98.48 To 9999. %

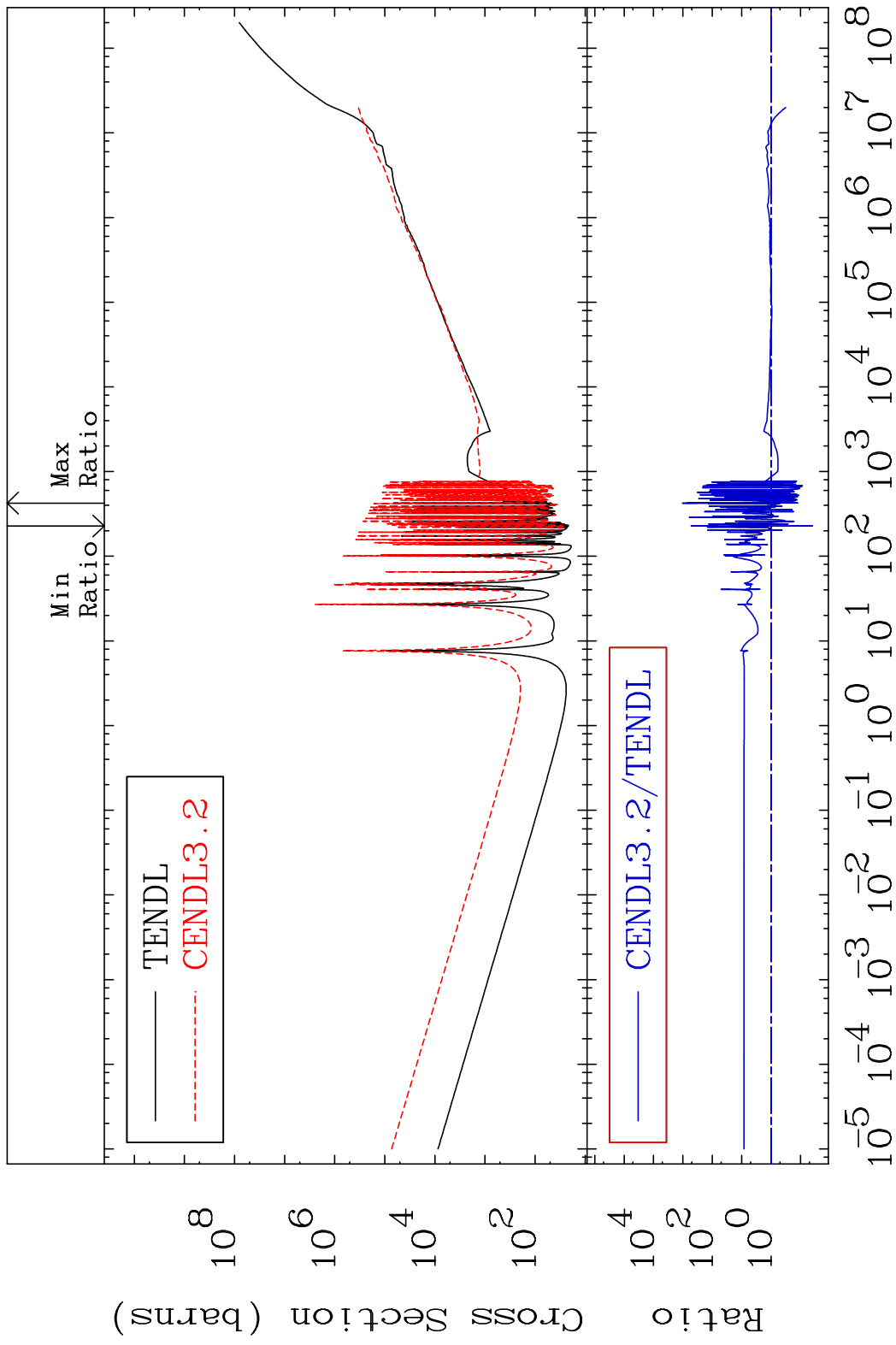


32 Incident Energy (eV) 74-W -183

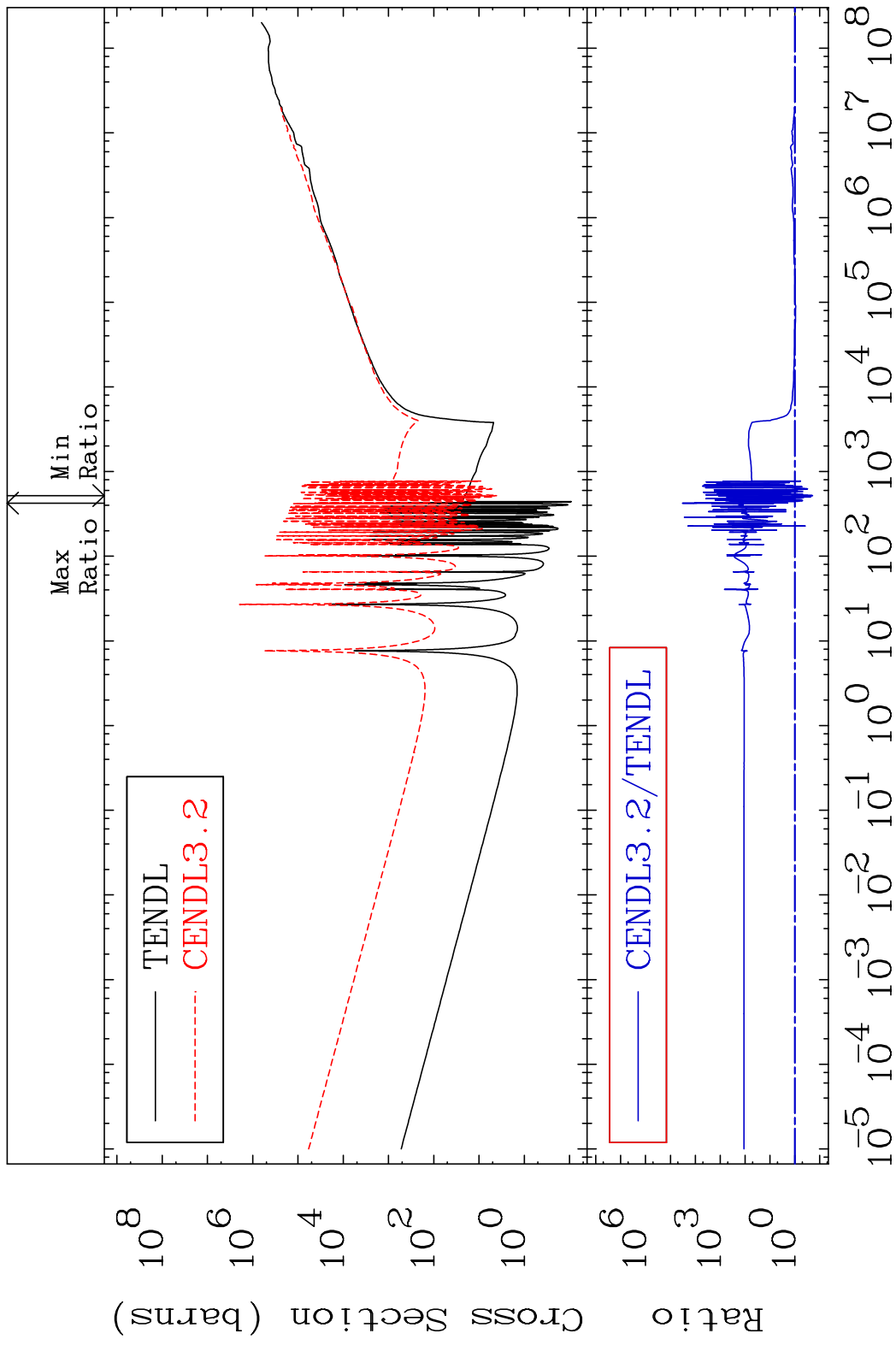
MAT 7434 Total photon (eV-barns) 74-W -183
 Cross Section -99.82 To 9999. %



MAT 7434 Total kinematic kerma (high limit) 74-W -183
 Cross Section -96.11 To 9999. %



MAT 7434 Dpa total (eV-barns) 74-W -183
 Cross Section -80.59 To 9999. %



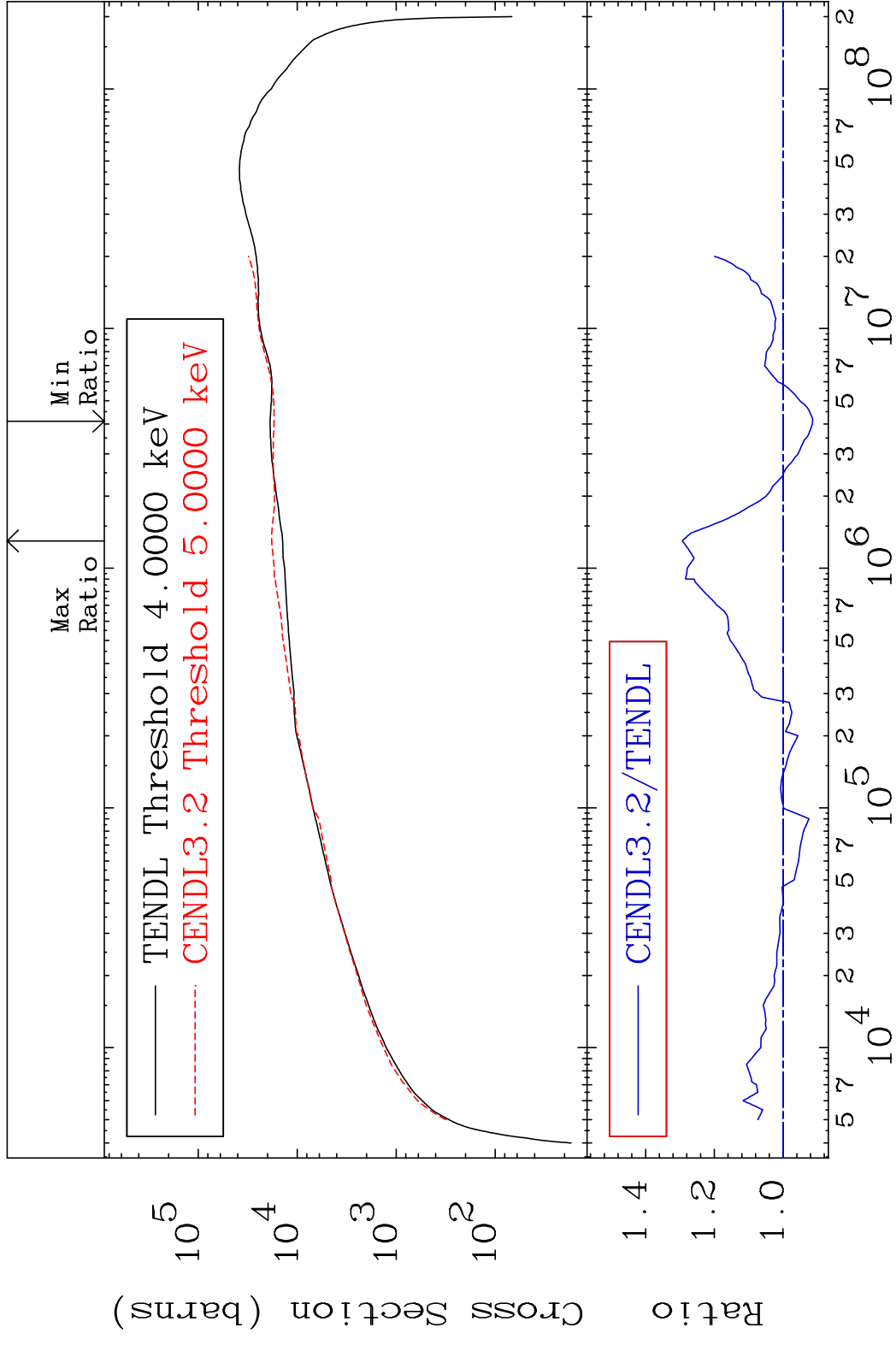
MAT 7434

Dpa elastic (mt2)

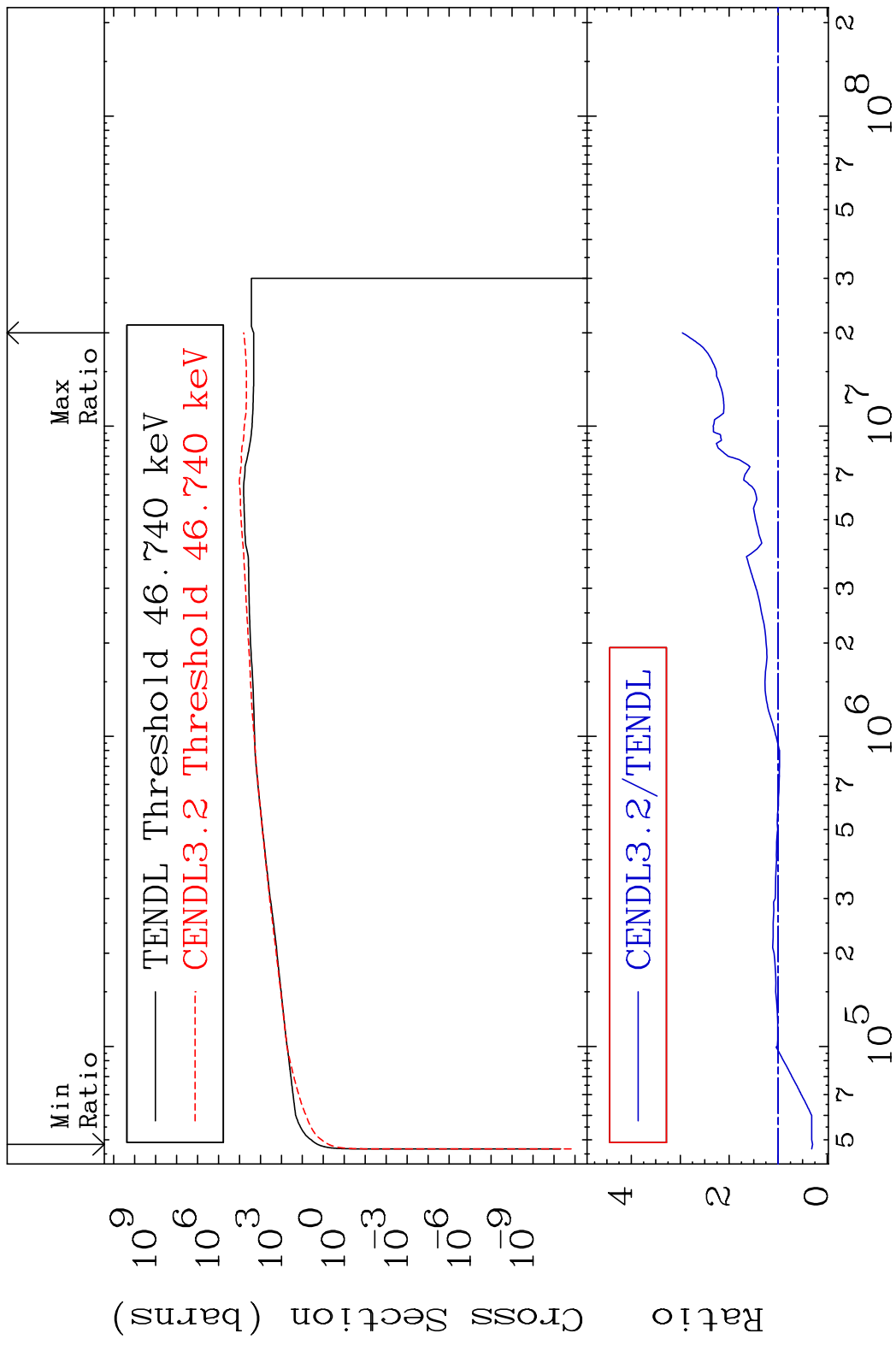
74-W -183

Cross Section

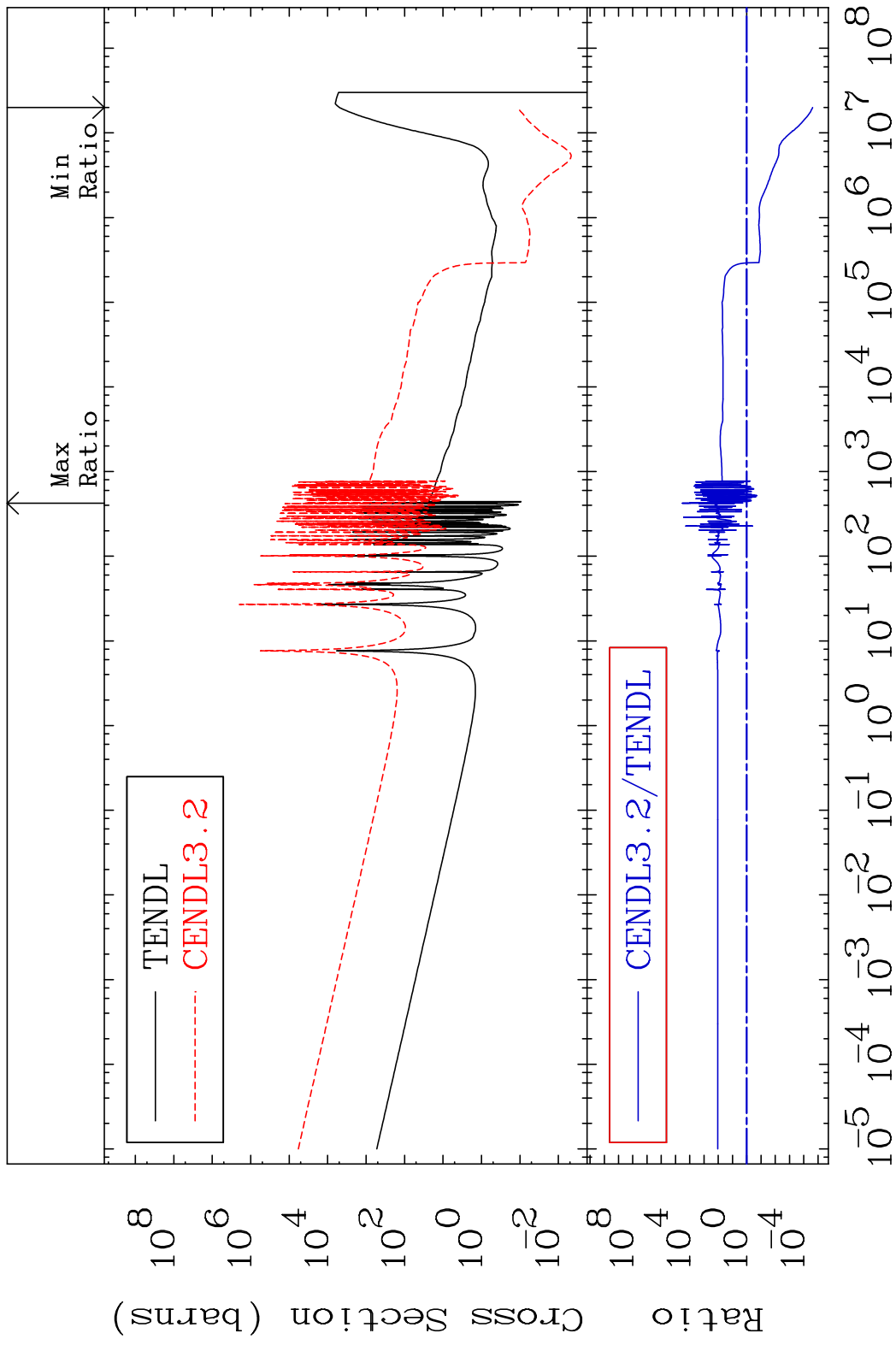
-8.582 To 29.30 %



MAT 7434 Dpa inelastic (mt51-91) 74-W -183
 Cross Section -70.16 To 195.7 %



MAT 7434 Dpa disappearance (mt102 -120) 74-W -183
 Cross Section -100.0 To 9999. %

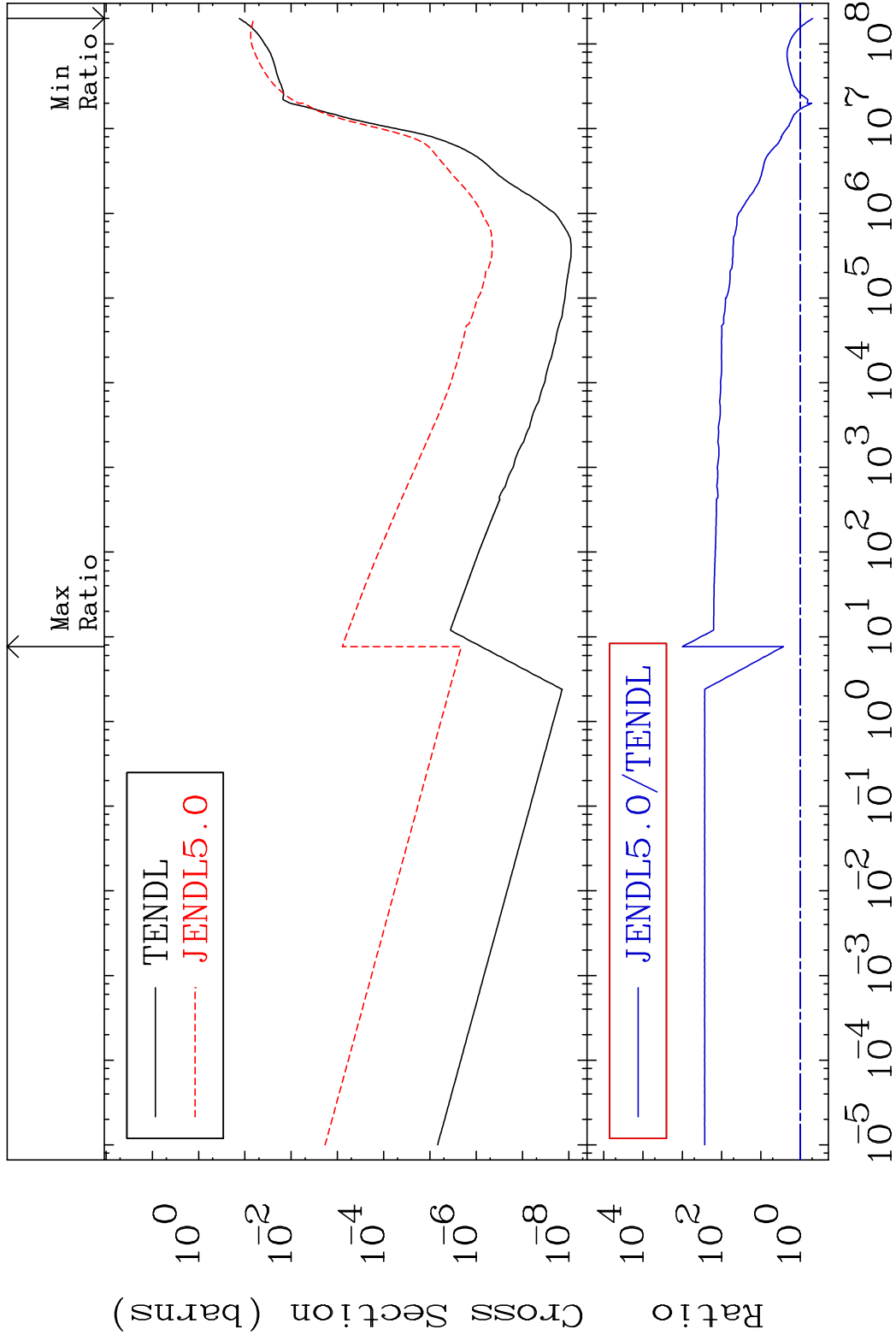


MAT 7434

He-4 Production

74-W -183

Cross Section -51.50 To 9999. %

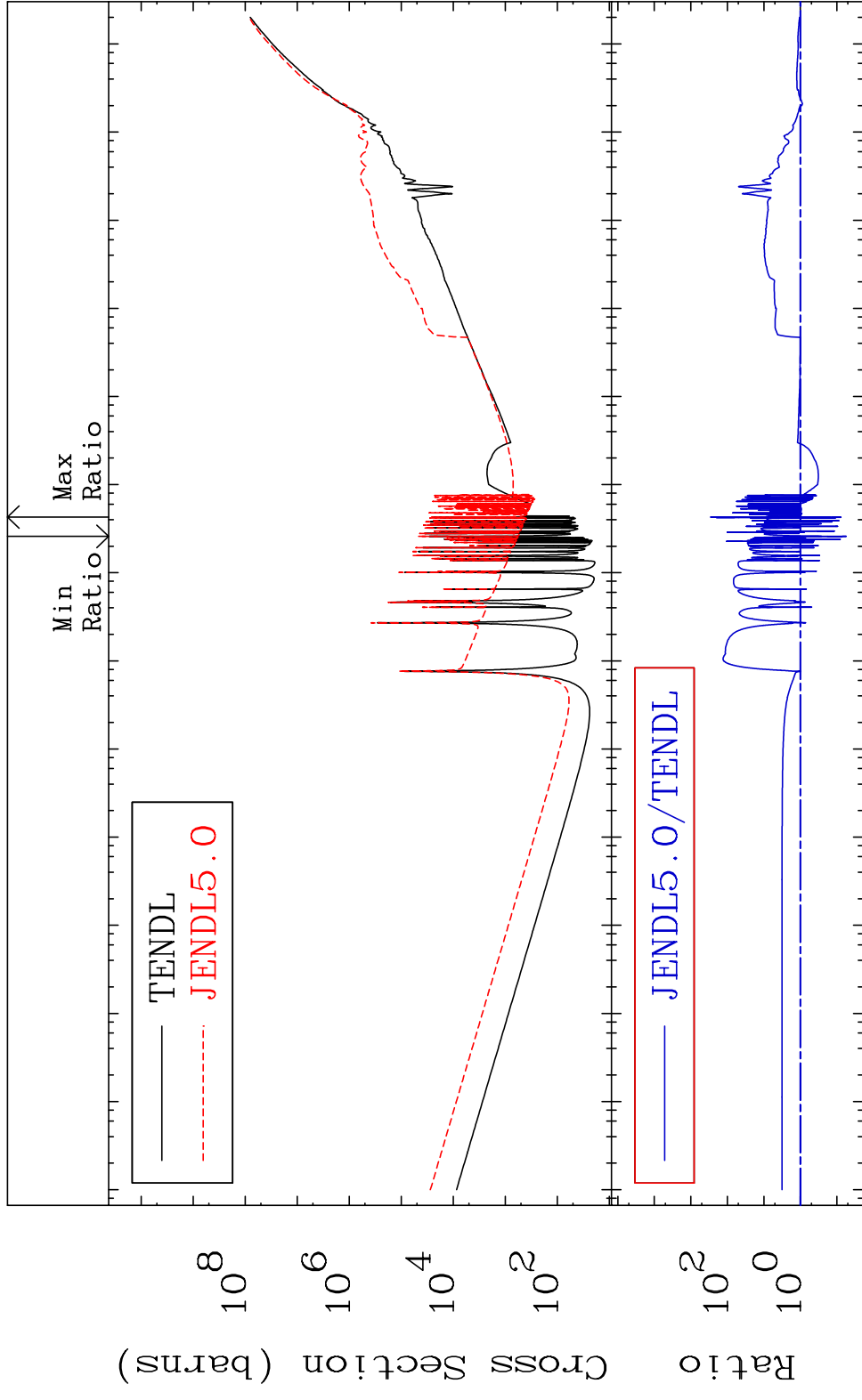


39

Incident Energy (eV)

74-W -183

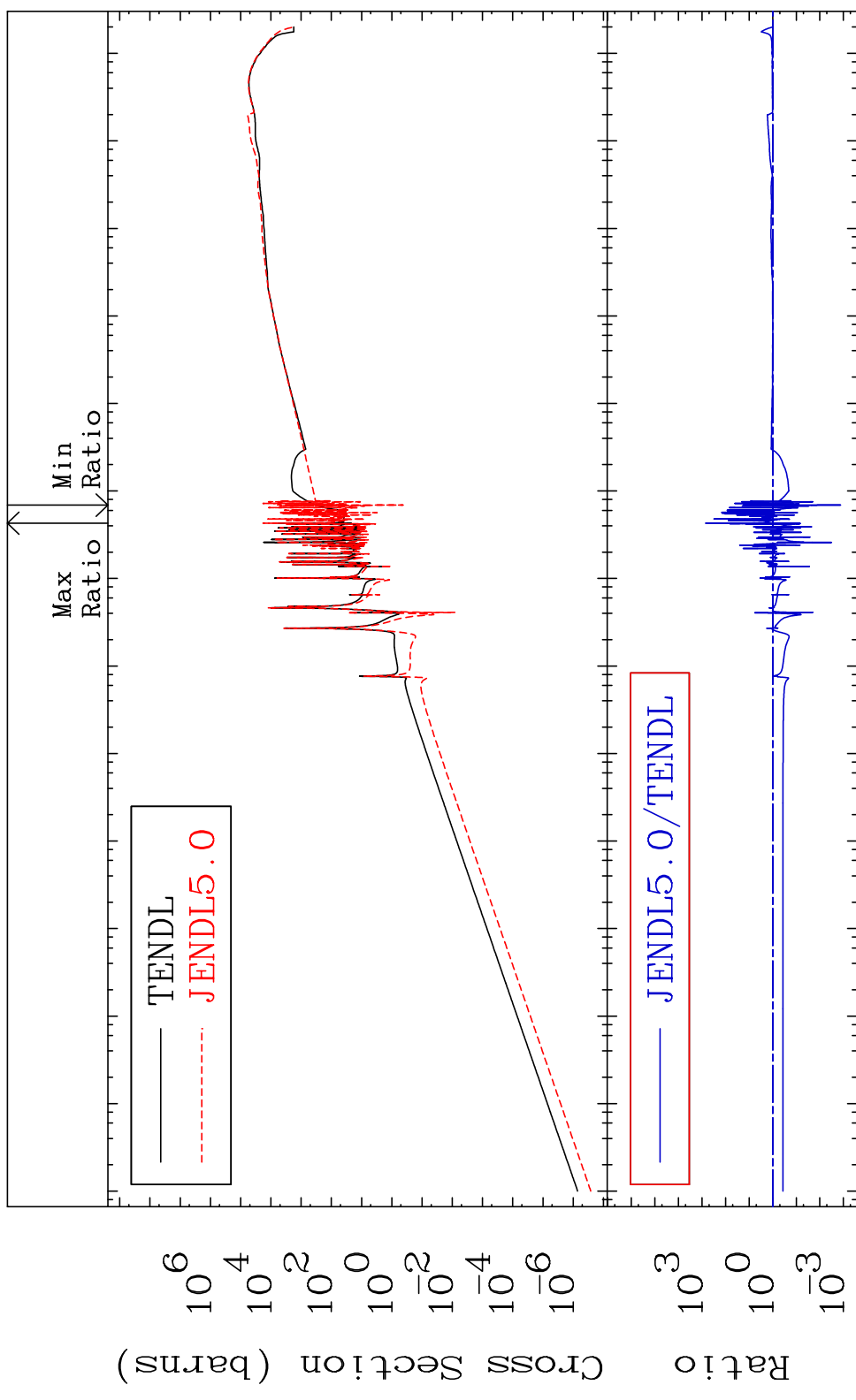
MAT 7434 Kerma total (eV-barns) 74-W -183
 Cross Section -94.49 To 9999. %



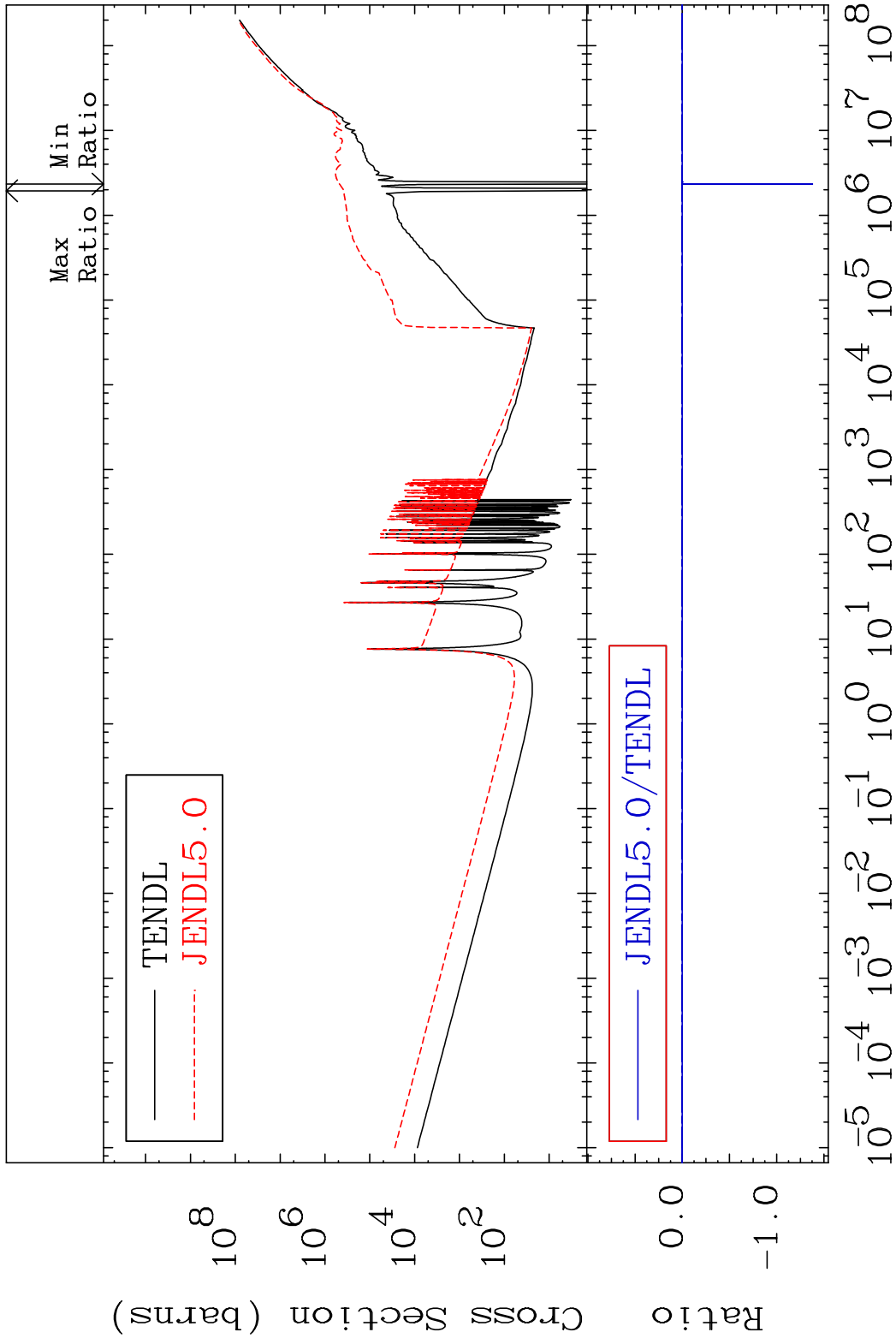
40 Incident Energy (eV) 74-W -183

MAT 7434

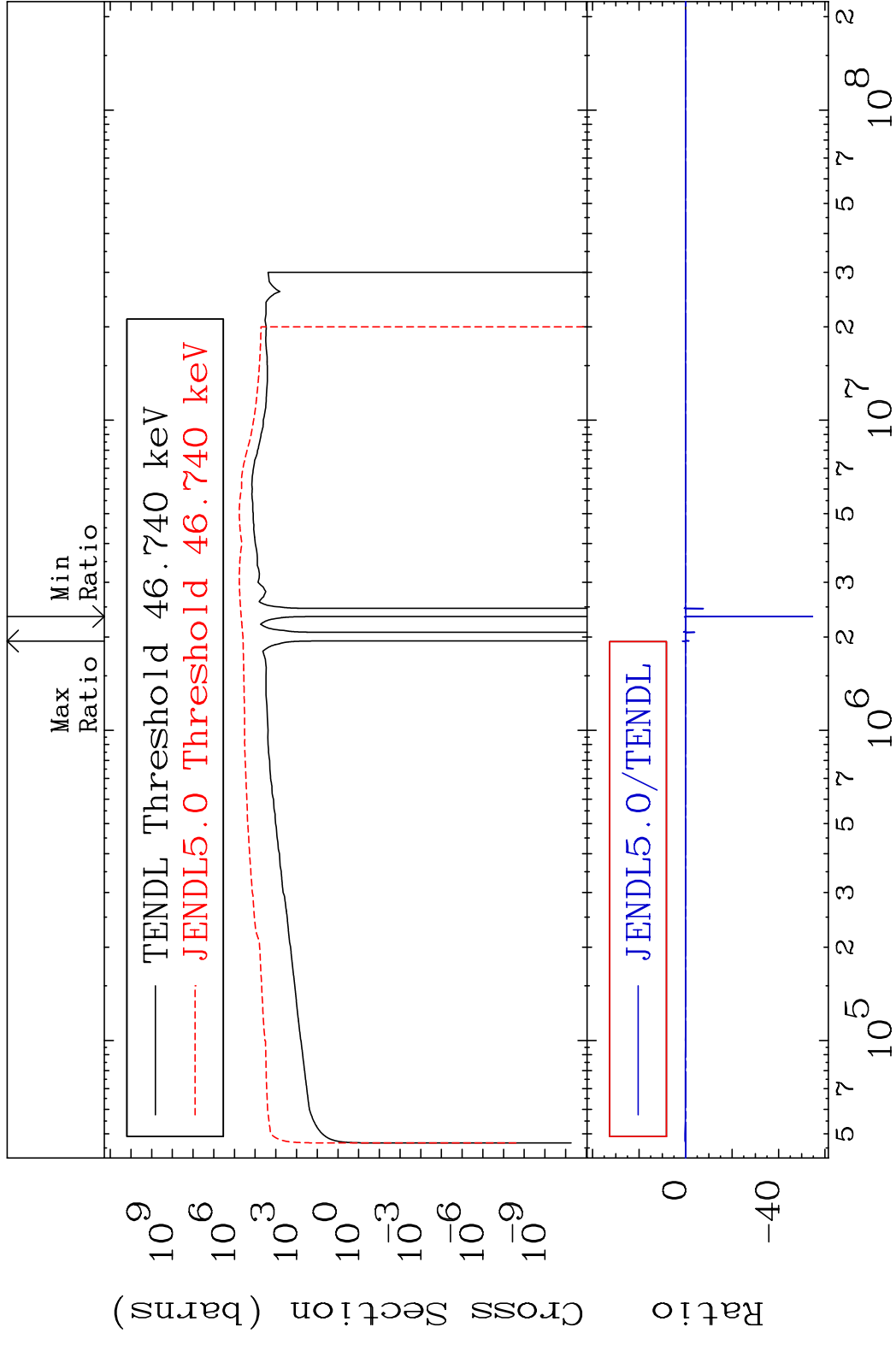
Kerma elastic Cross Section -99.87 To 9999. %
74-W -183



MAT 7434 Kerma non-elastic (all but mt2) 74-W -183
 Cross Section -9999. To 9999. %

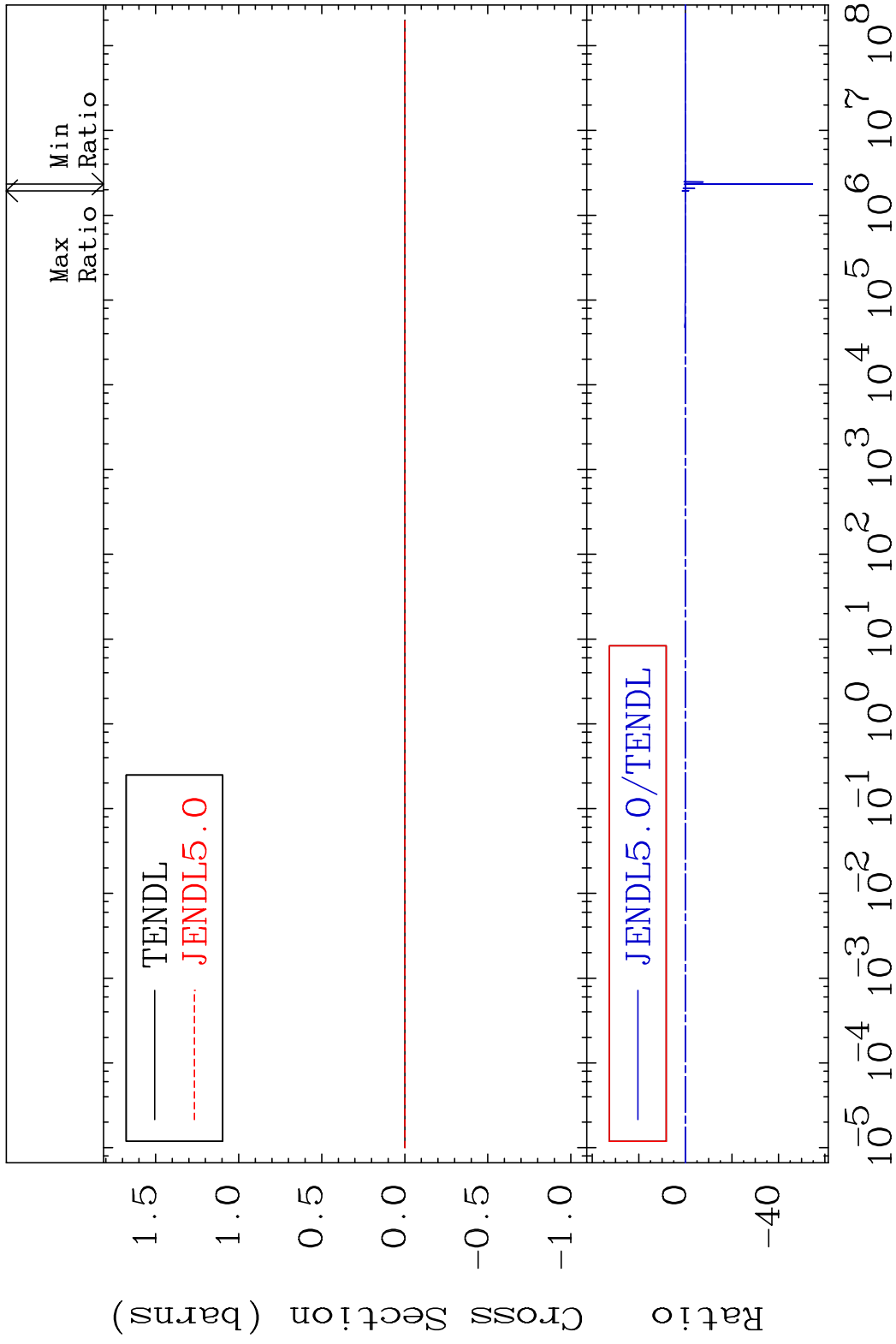


MAT 7434 Kerma inelastic (mt51-91) 74-W -183
 Cross Section -9999. To 9999. %

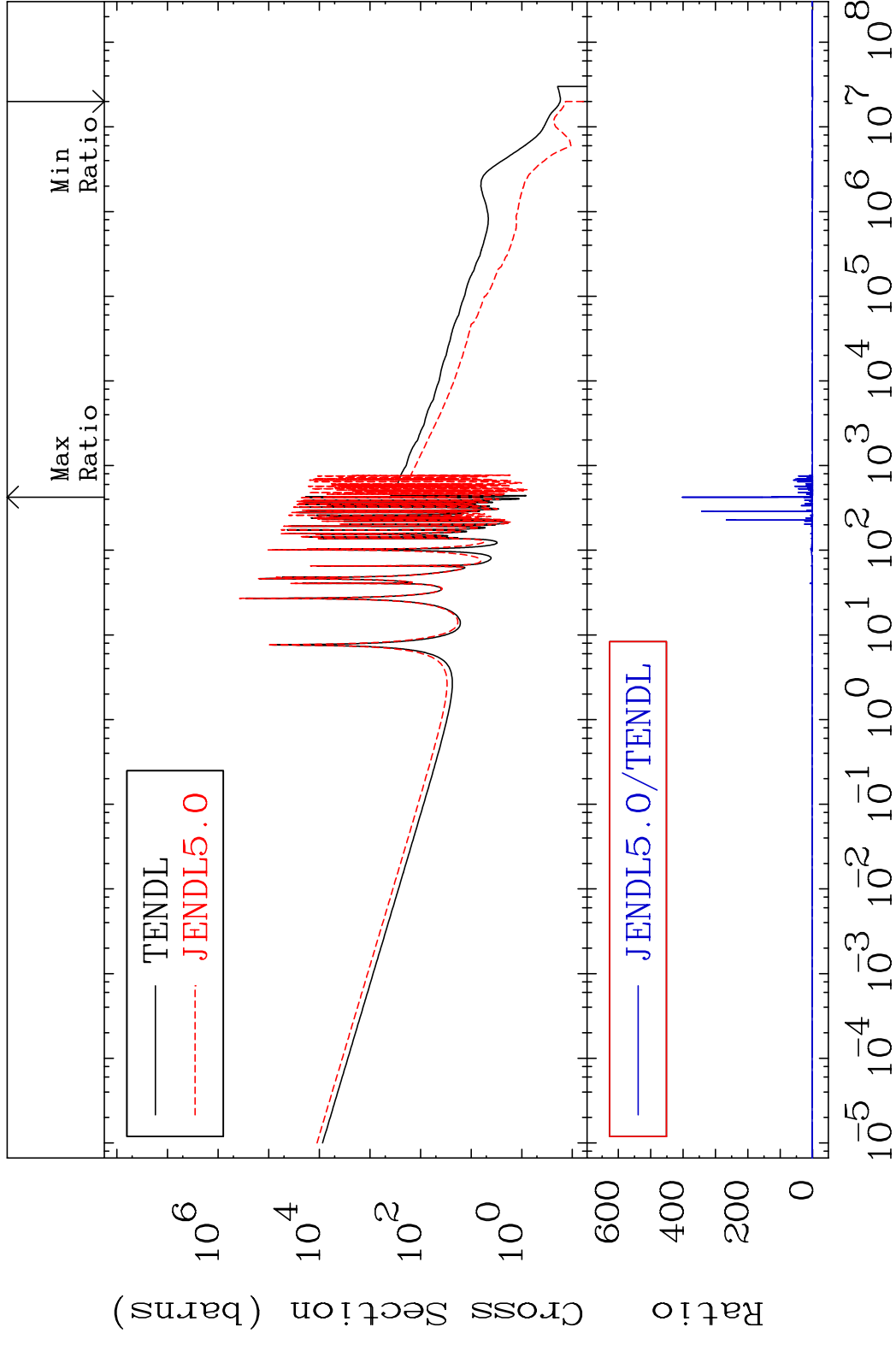


43 Incident Energy (eV) 74-W -183

MAT 7434 Kerma fission (mt18 or mt19-20-21-38) 74-W -183
 Cross Section -9999. To 9999. %

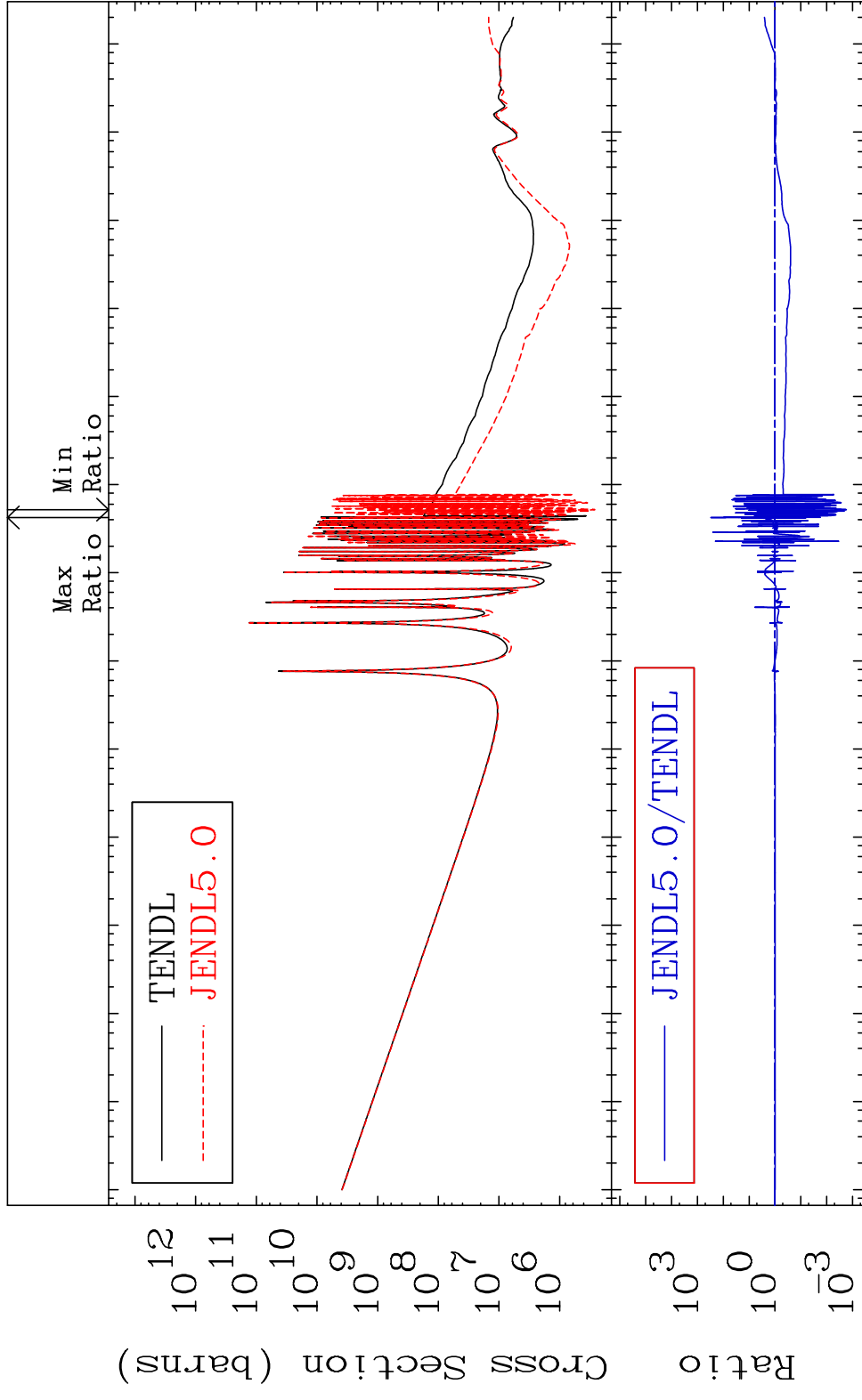


MAT 7434 Kerma capture (mt102) 74-W -183
Cross Section -100.0 To 9999. %

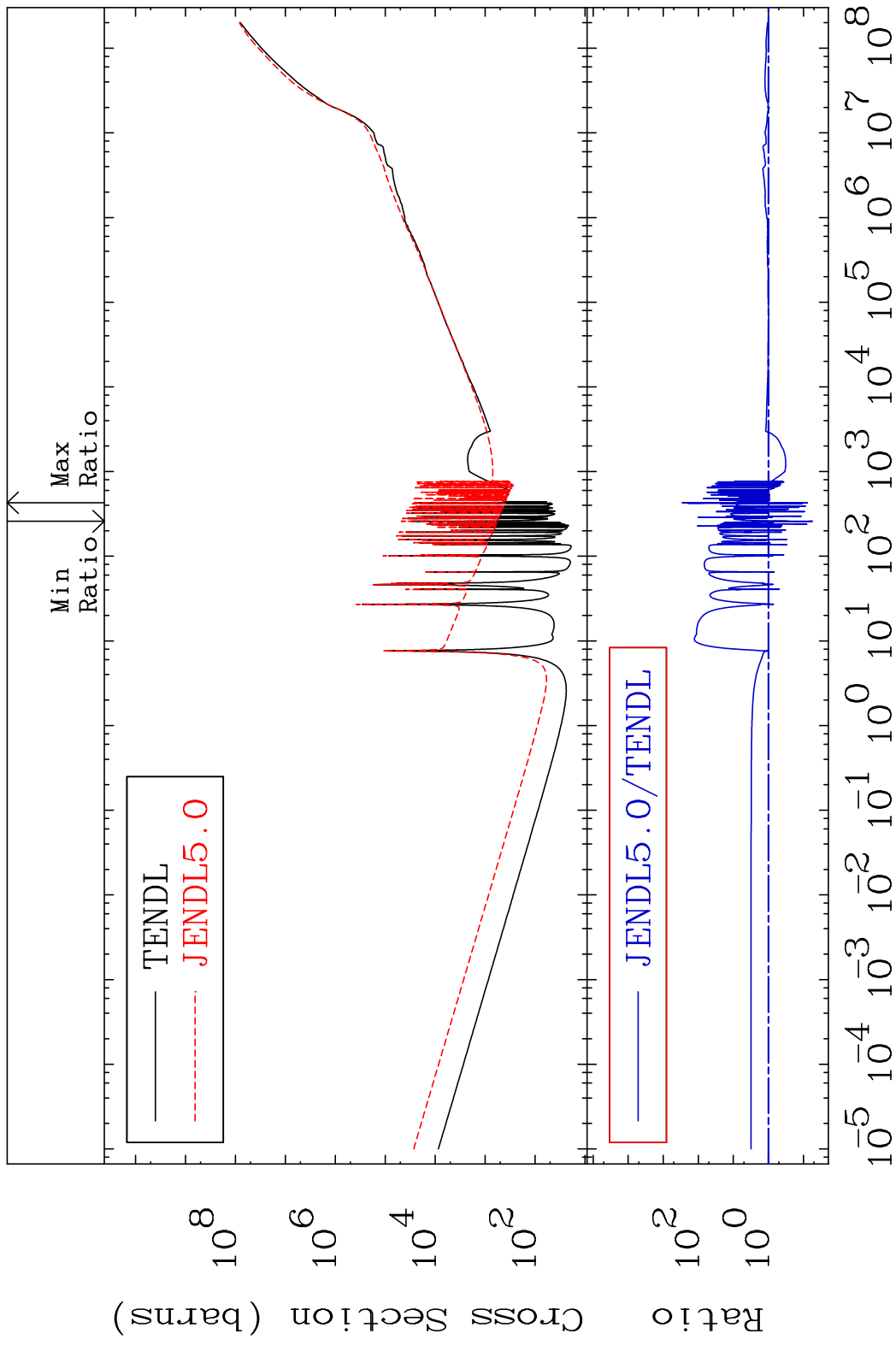


45 Incident Energy (eV) 74-W -183

MAT 7434 Total photon (eV-barns) 74-W -183
 Cross Section -99.83 To 9999. %



MAT 7434 Total kinematic kerma (high limit) 74-W -183
 Cross Section -94.50 To 9999. %



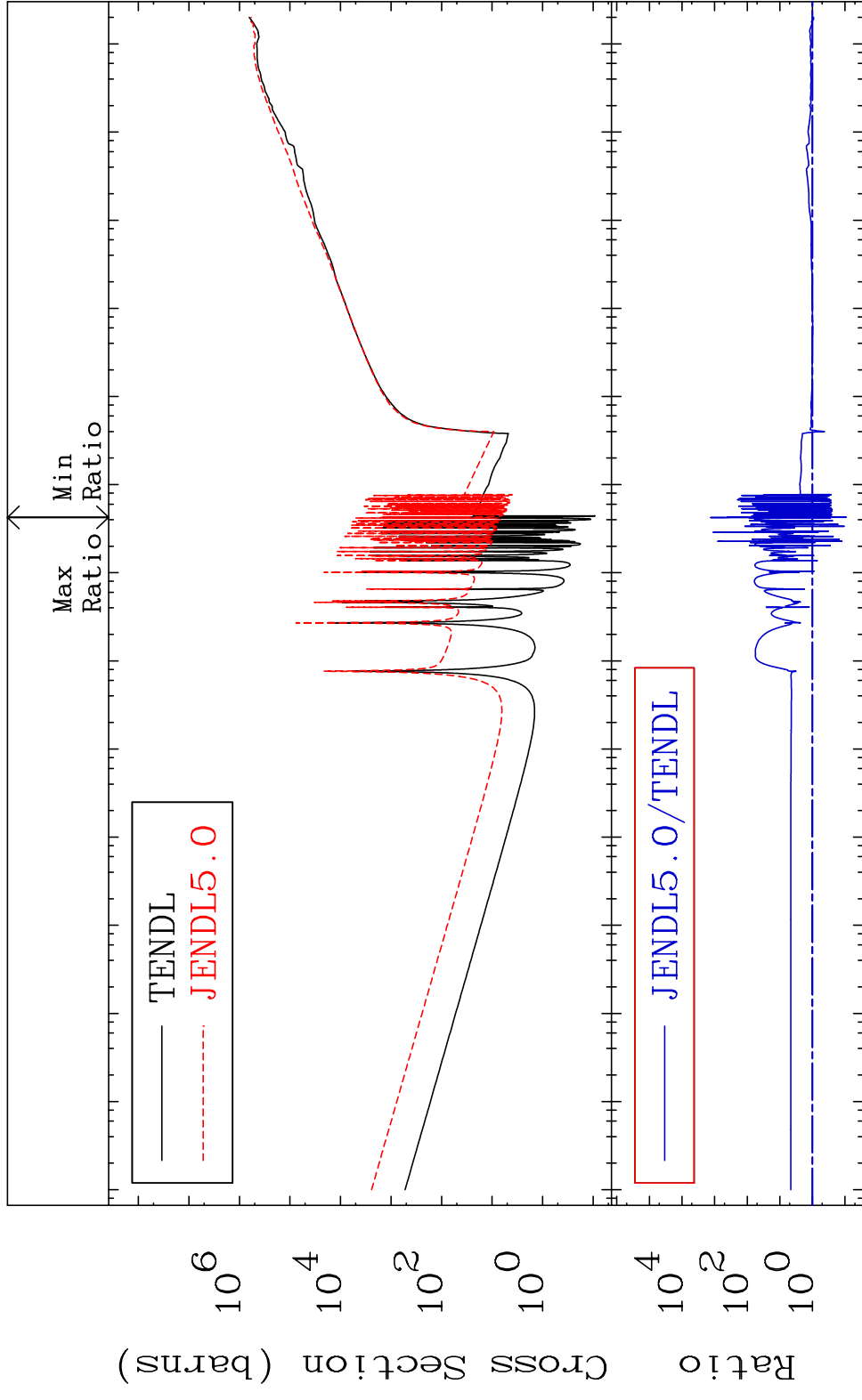
47 Incident Energy (eV) 74-W -183

MAT 7434

Dpa total (eV-barns)

74-W -183

Cross Section -90.86 To 9999. %



48

Incident Energy (eV)

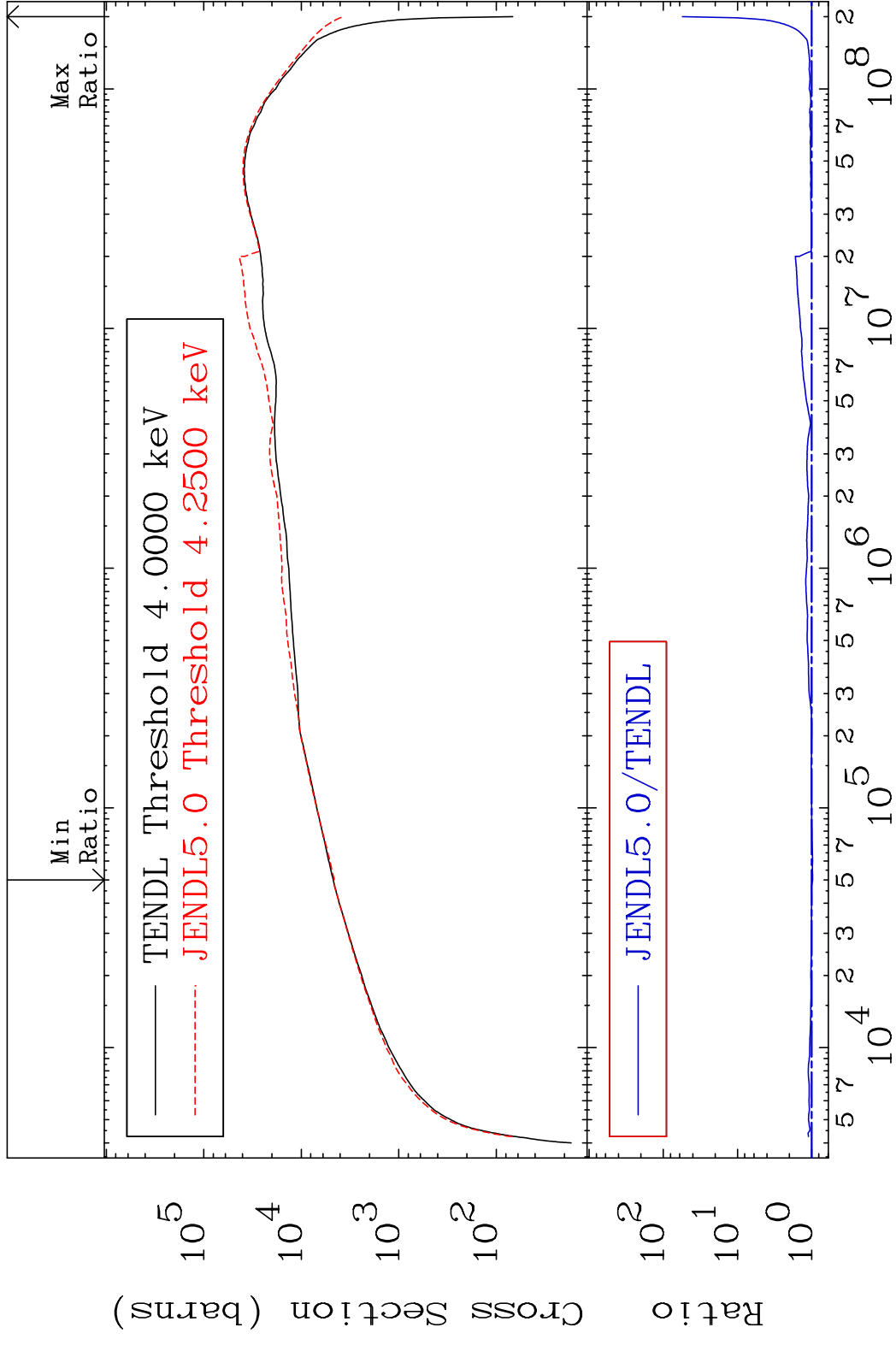
74-W -183

MAT 7434

Dpa elastic (mt2)

74-W -183

Cross Section -2.709 To 5436. %

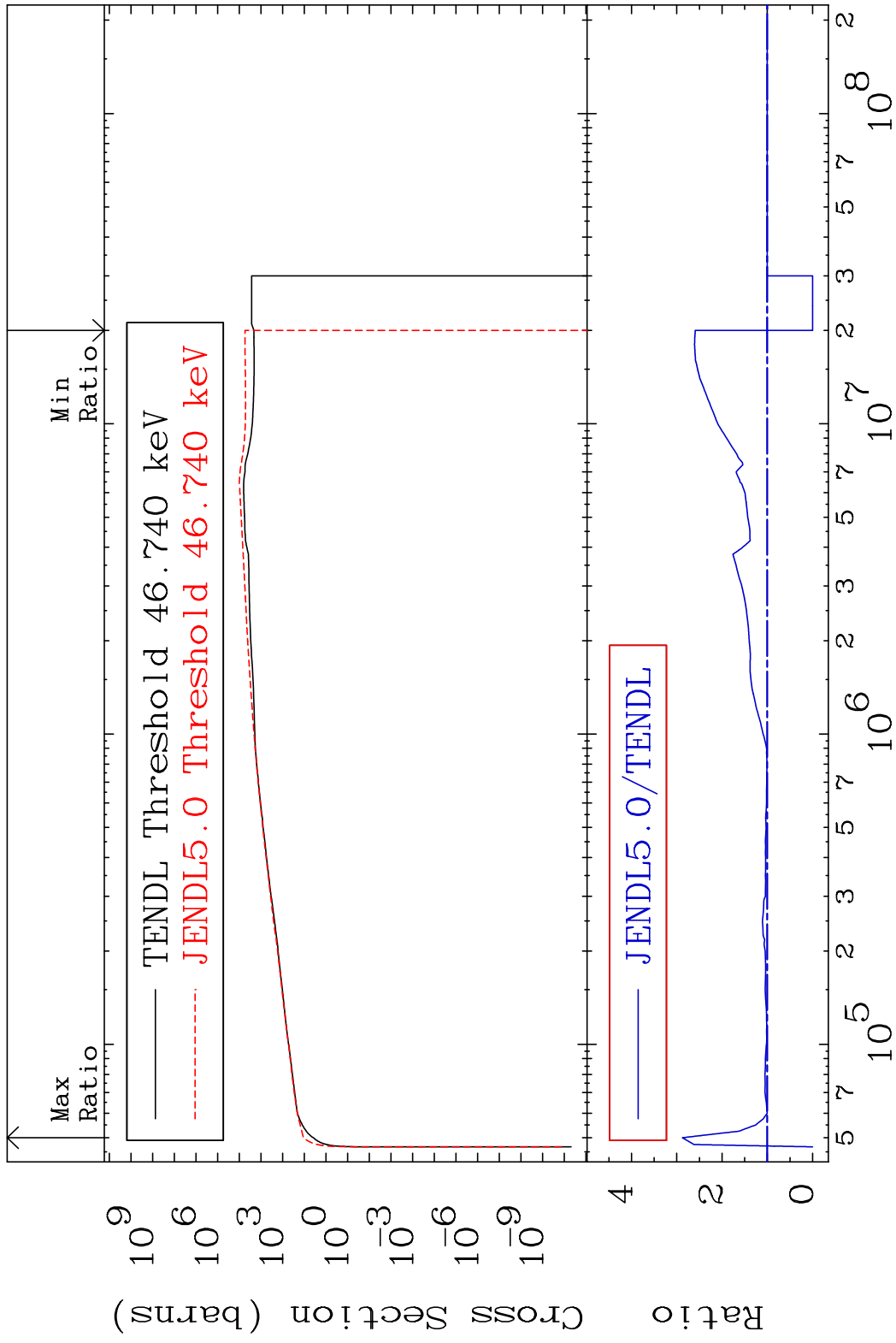


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Incident Energy (eV)

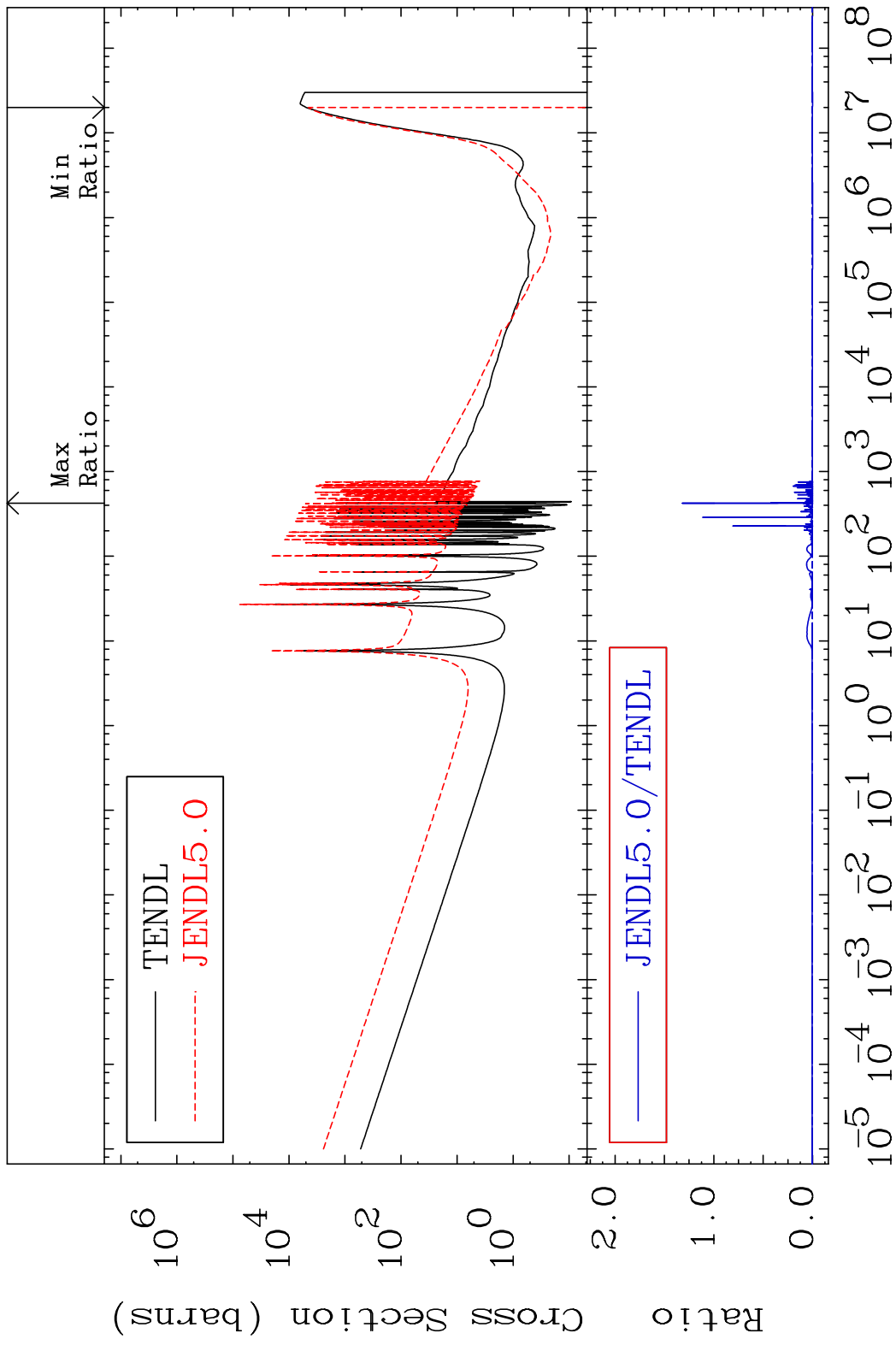
74-W -183

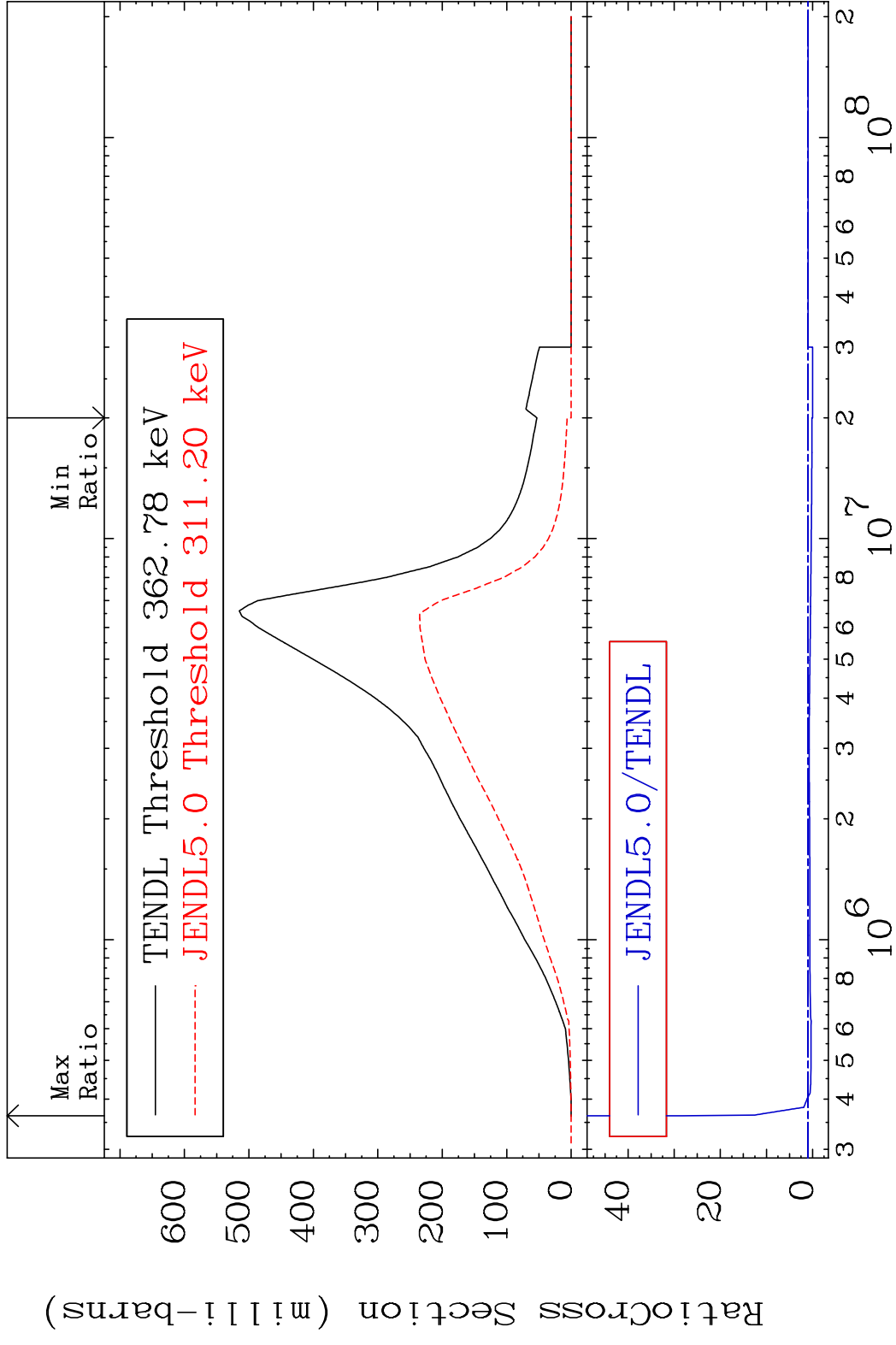
MAT 7434 Dpa inelastic (mt51-91) 74-W -183
 Cross Section -100.0 To 187.6 %



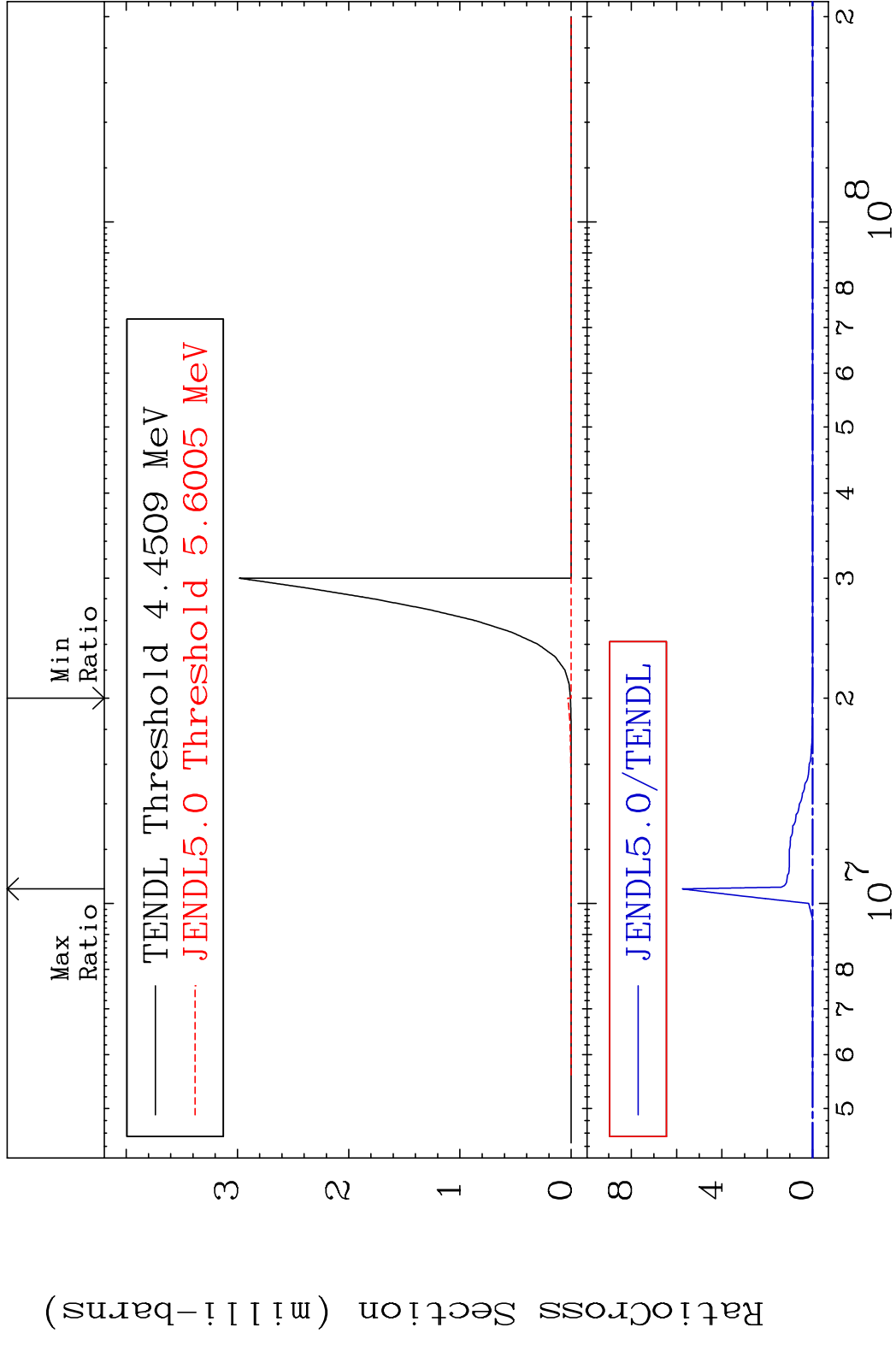
50 Incident Energy (eV) 74-W -183

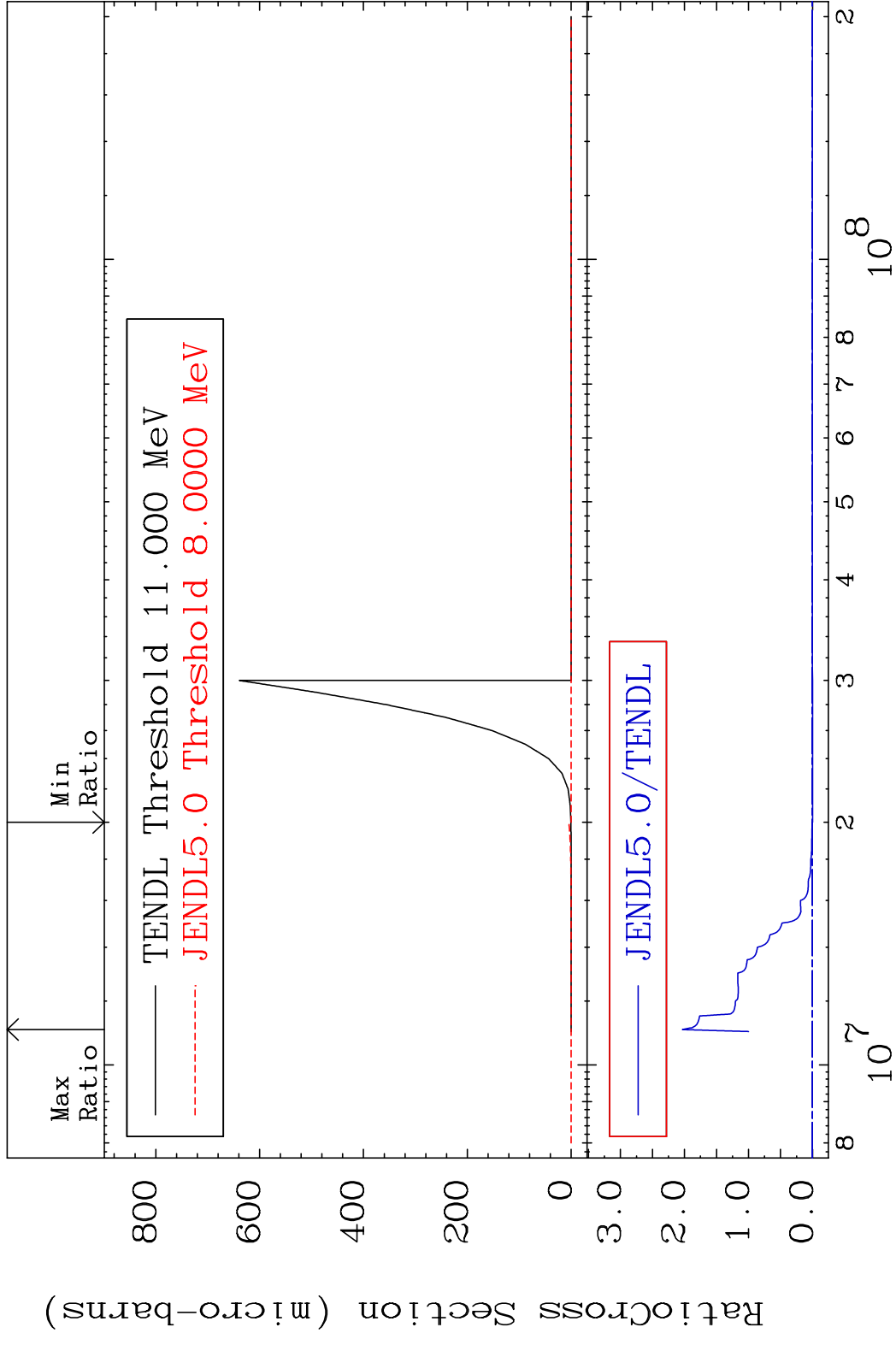
MAT 7434 Dpa disappearance (mt102 -120) 74-W -183
 Cross Section -100.0 To 9999. %





MAT 7434 (n,2n) α :72-Hf-178g 74-W -183
 Radionuclide Production Cross Section Ratio 9999. %





MAT 7434 (n, n') p:73-Ta-182g 74-W -183
 Radionuclide Production Cross Section Ratio 72.79 %

