

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

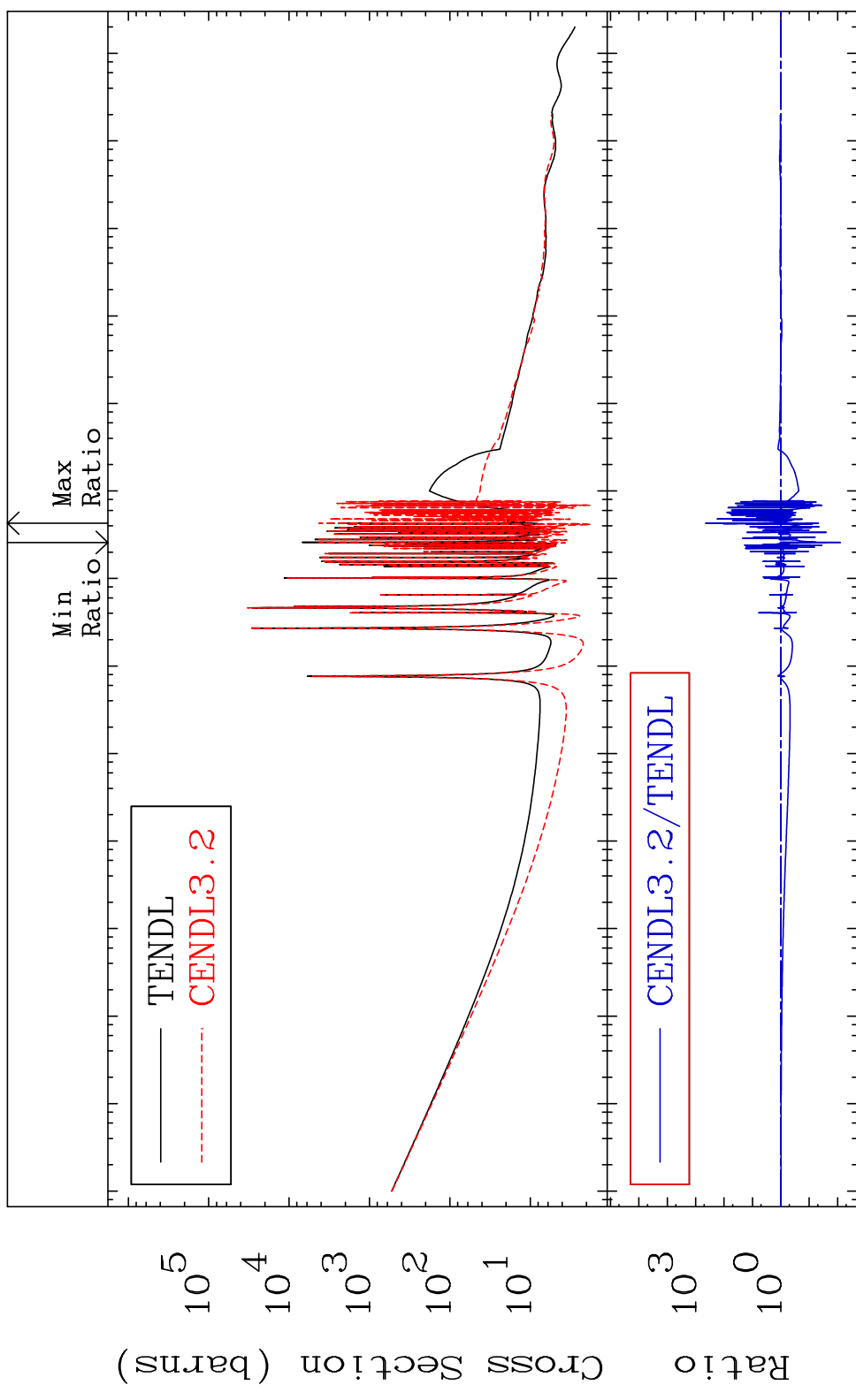
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Press Mouse Button to Start

MAT 7434

Total Cross Section -99.21 To 9999. % 74-W -183



1

Incident Energy (eV)

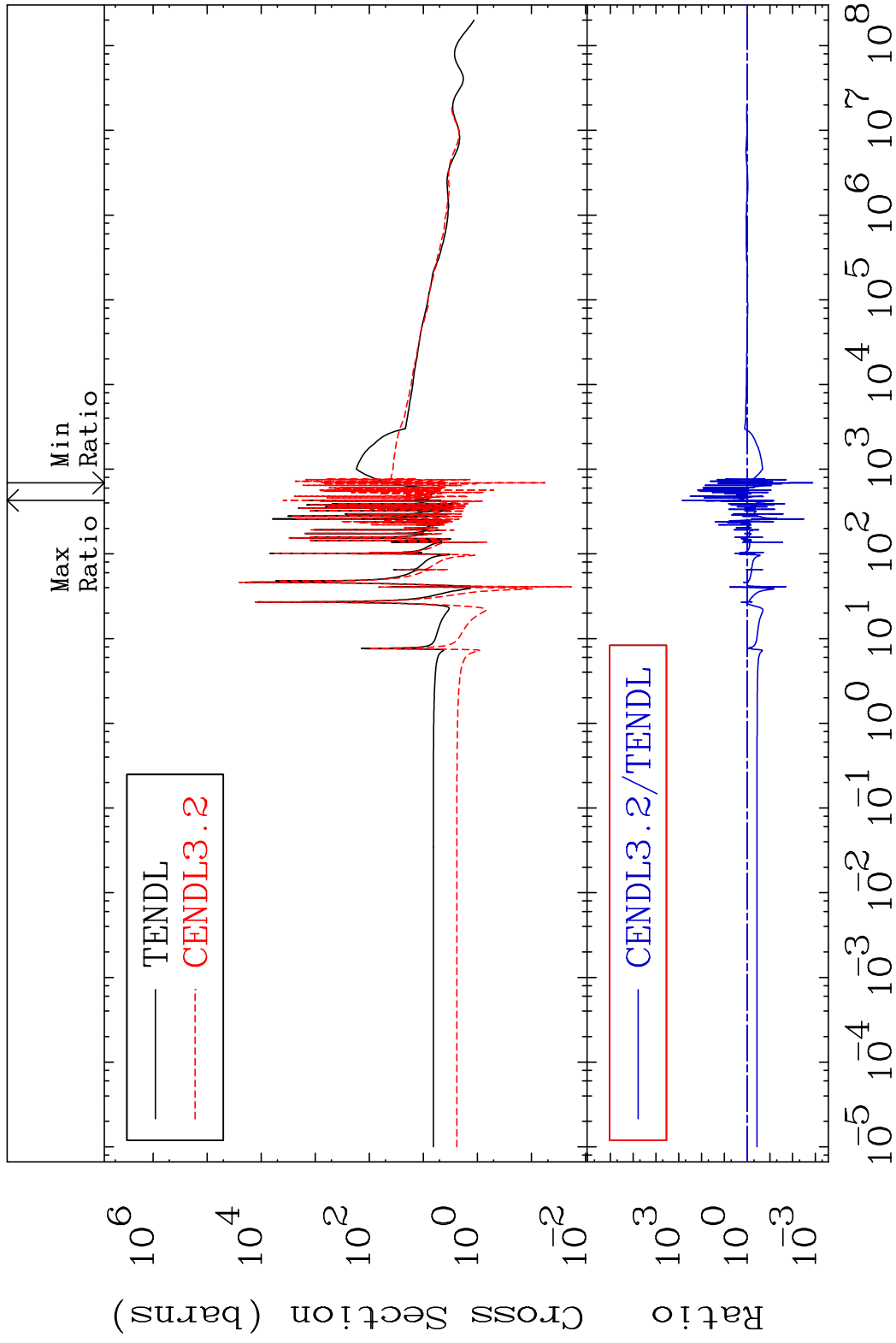
74-W -183

MAT 7434

Elastic

74-W -183

Cross Section -99.87 To 9999. %



2

Incident Energy (eV)

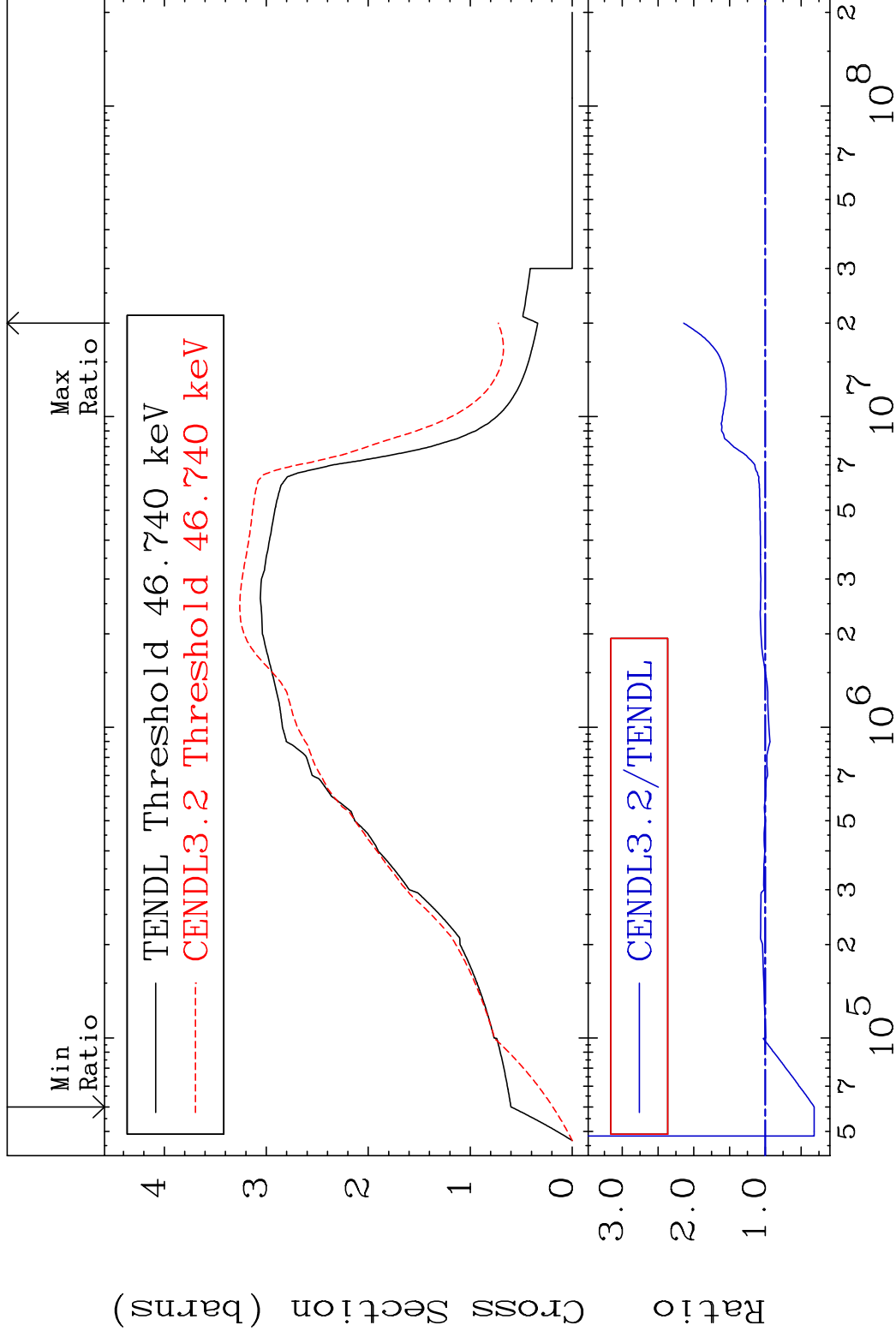
74-W -183

MAT 7434

Inelastic

74-W -183

Cross Section -68.24 To 114.1 %



3

Incident Energy (eV)

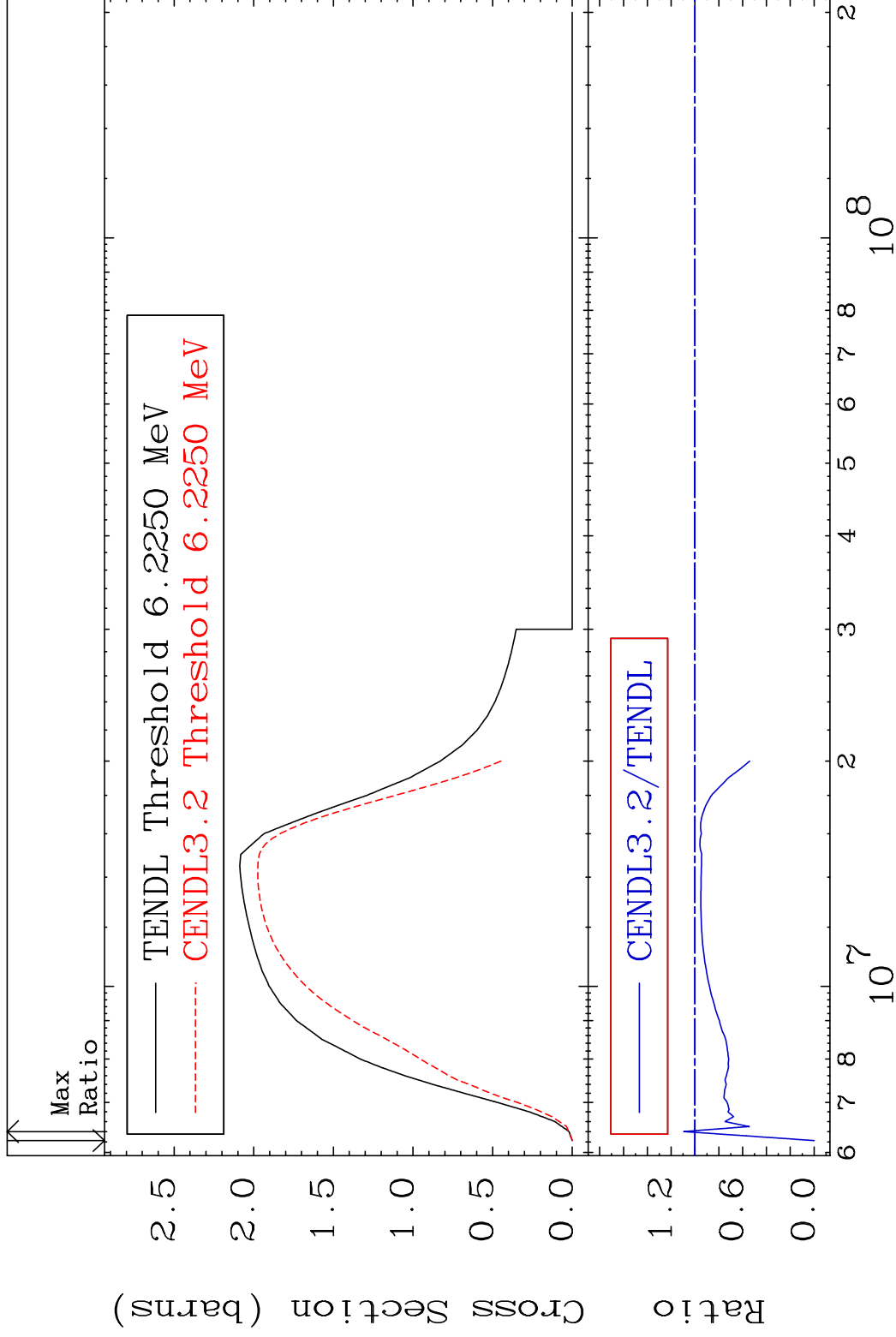
74-W -183

MAT 7434

(n,2n)

74-W -183

Cross Section -100.0 To 9.496 %



4

Incident Energy (eV)

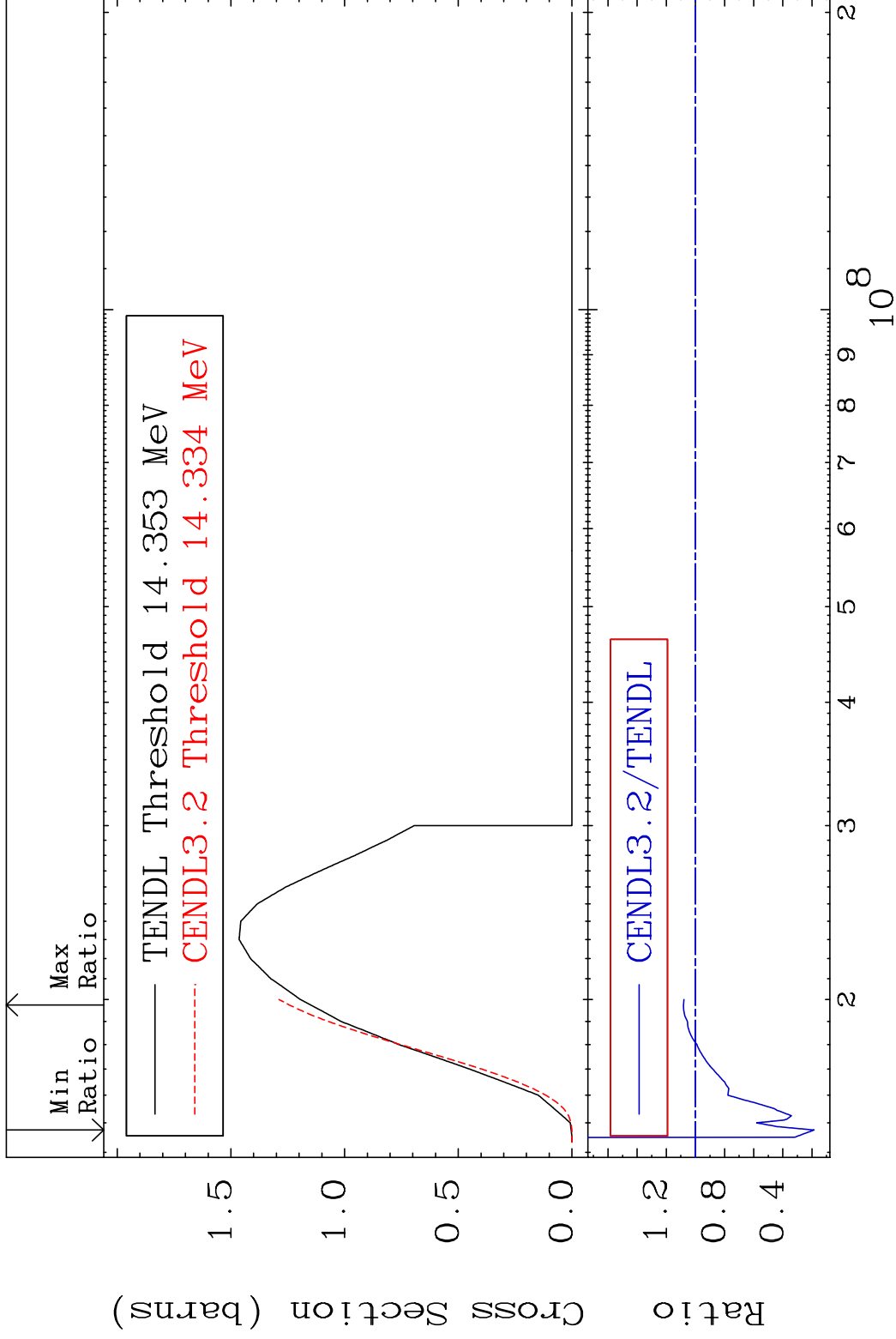
74-W -183

MAT 7434

(n,3n)

74-W -183

Cross Section -81.41 To 8.202 %



5

Incident Energy (eV)

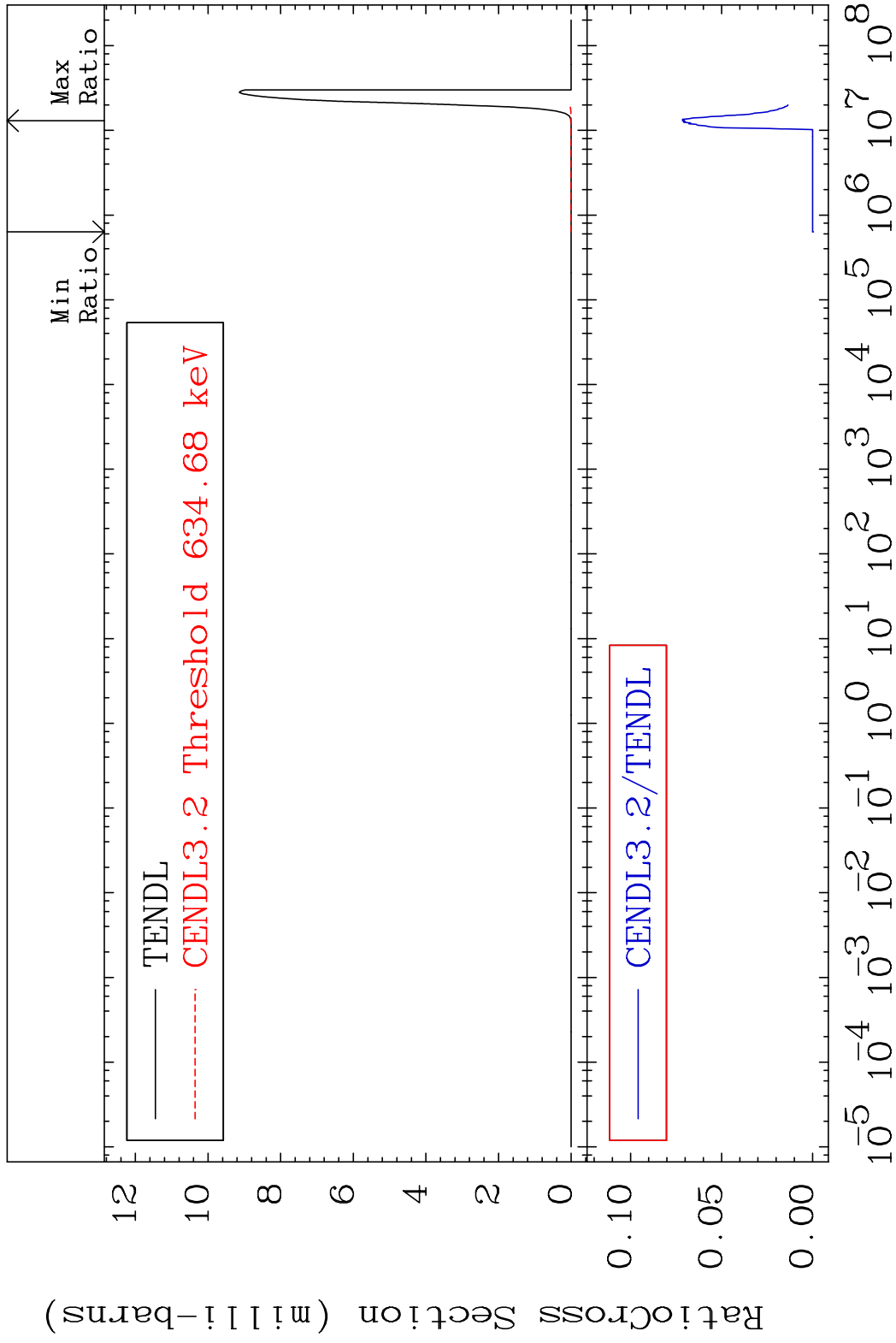
74-W -183

MAT 7434

(n, n') α

74-W -183

Cross Section -100.0 To -92.85%



6

Incident Energy (eV)

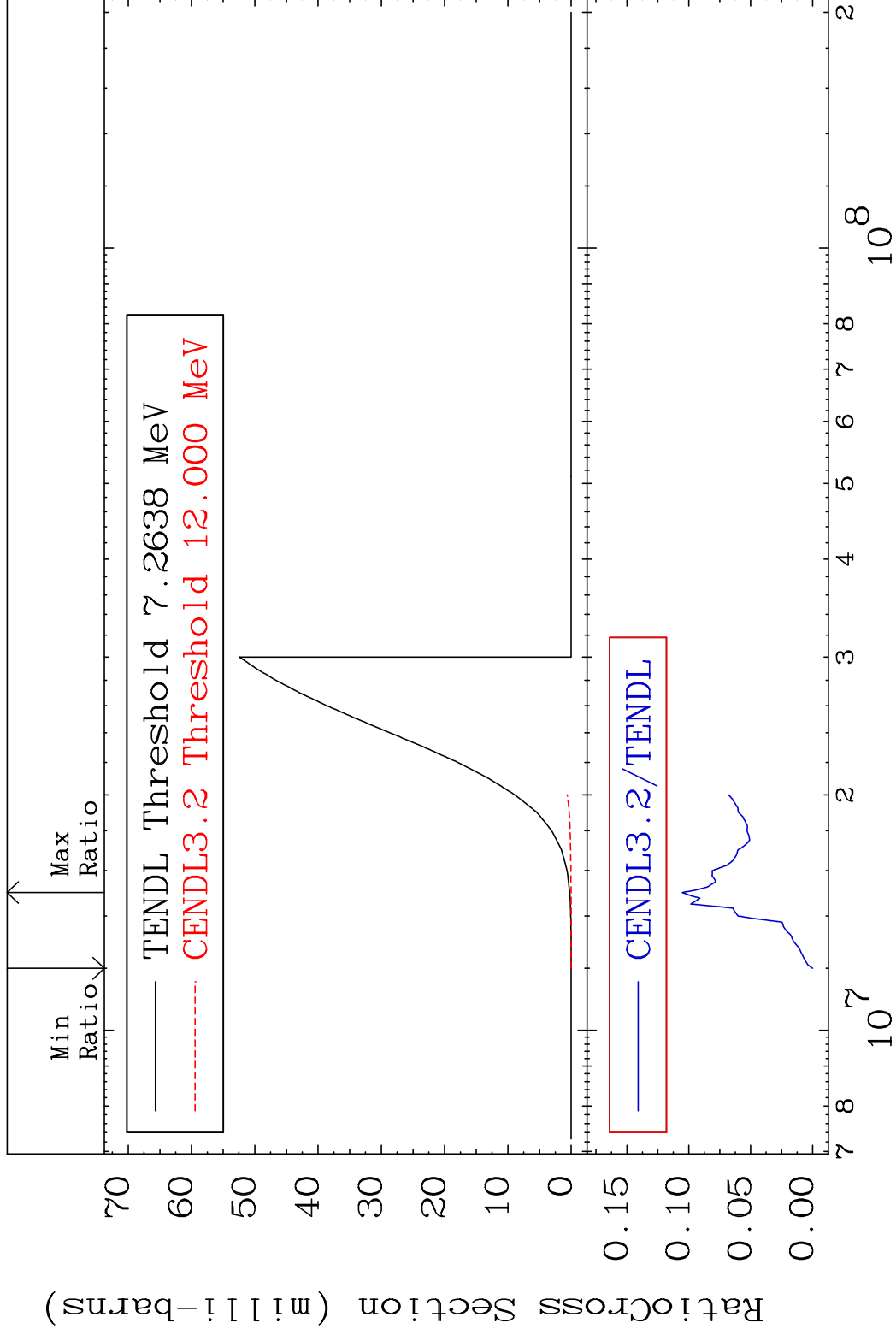
74-W -183

MAT 7434

(n, n') p

74-W -183

Cross Section -100.0 To -89.48%

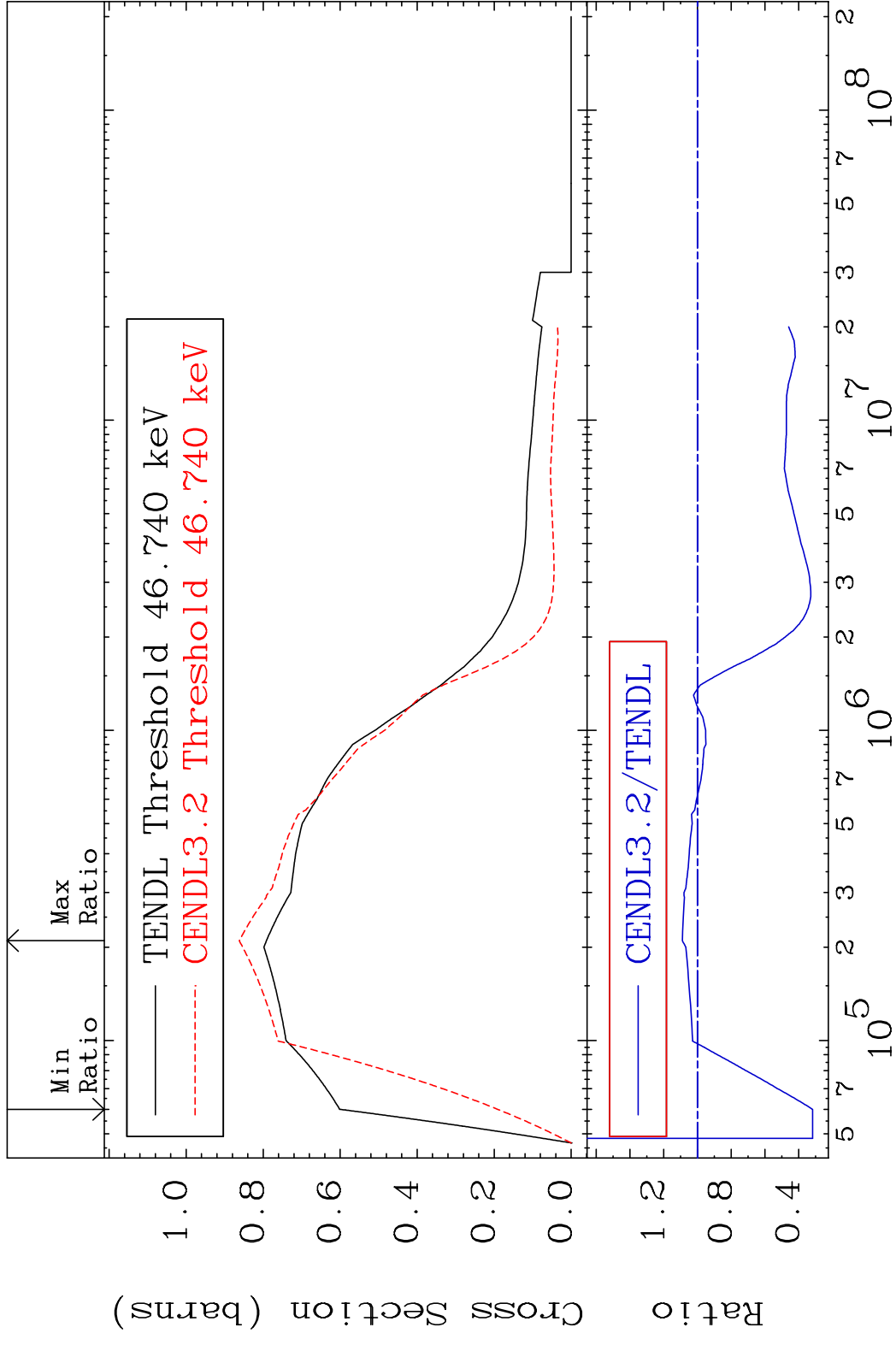


7

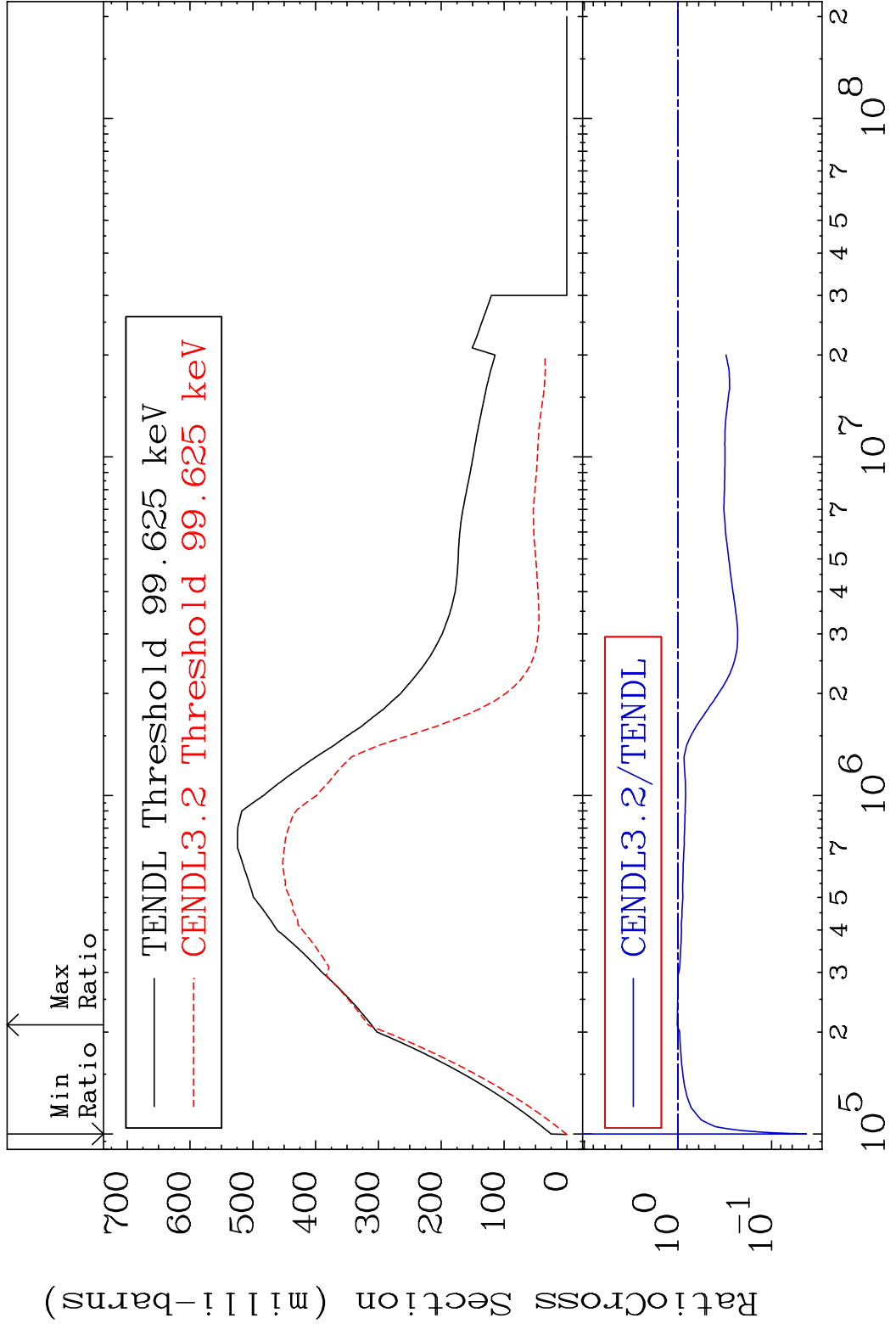
Incident Energy (eV)

74-W -183

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

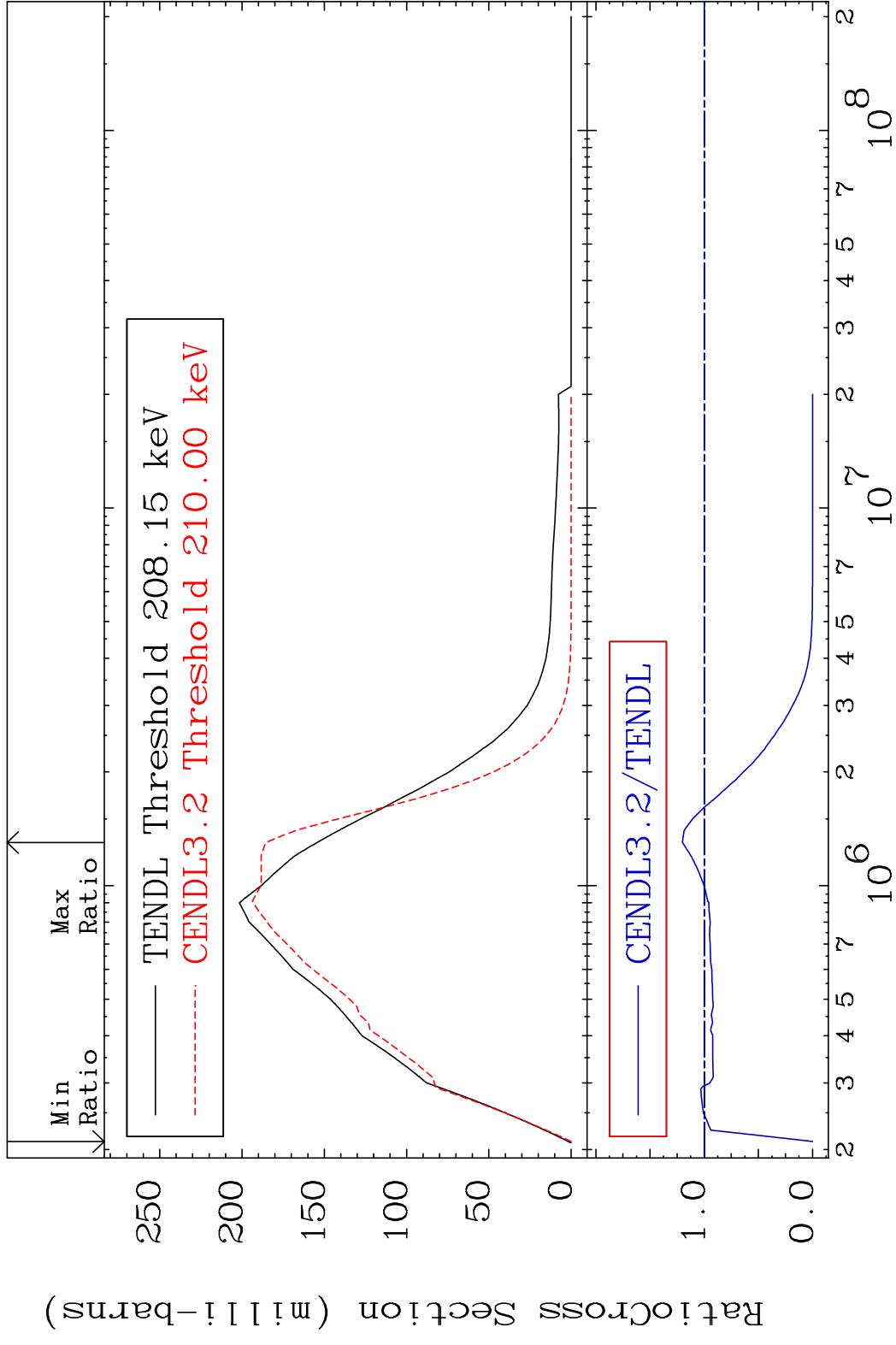


MAT 7434 MT= 52 (n,n') Level 74-W -183
 Cross Section -95.76 To 1.611 %



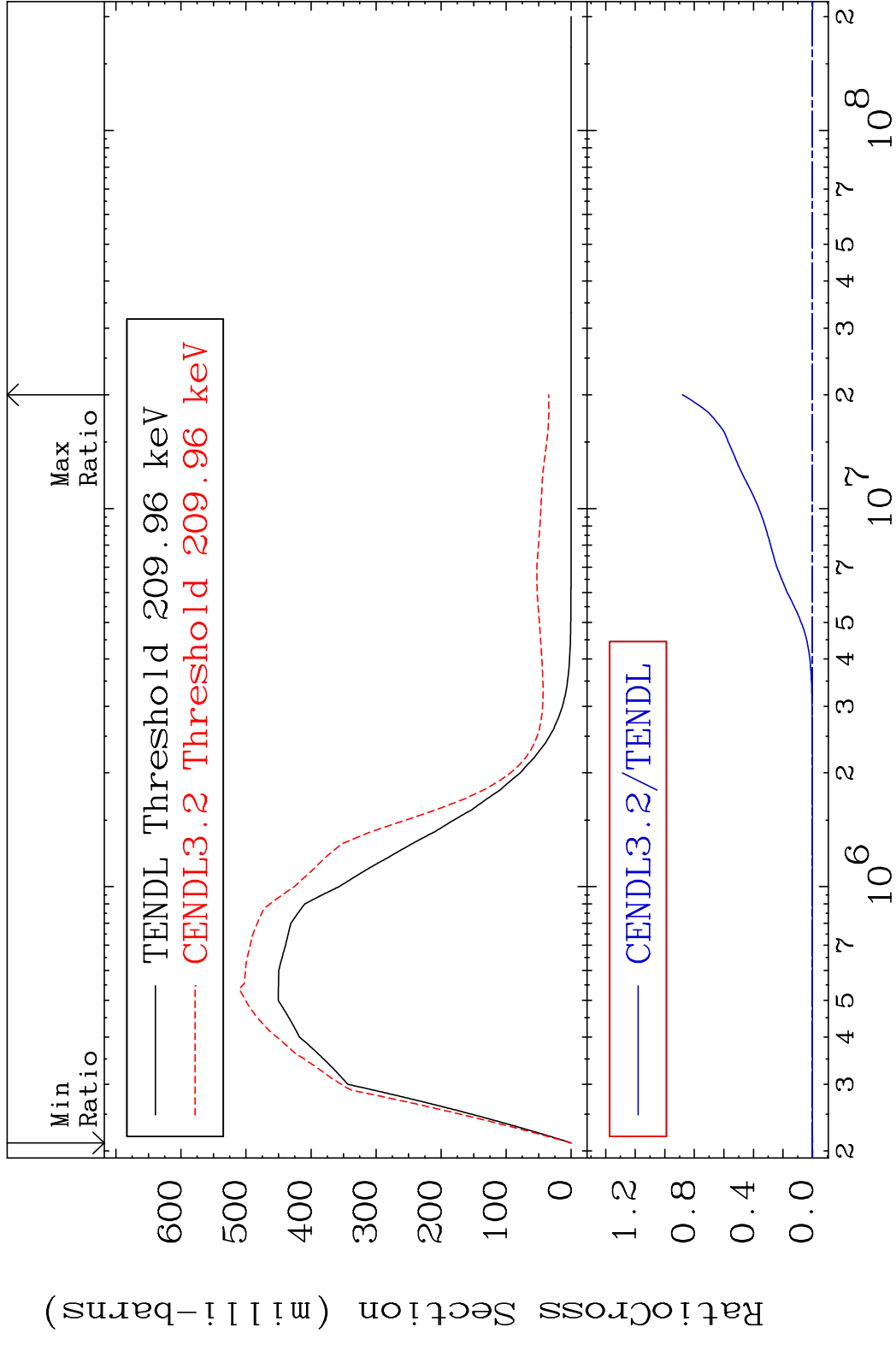
9 Incident Energy (eV) 74-W -183

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

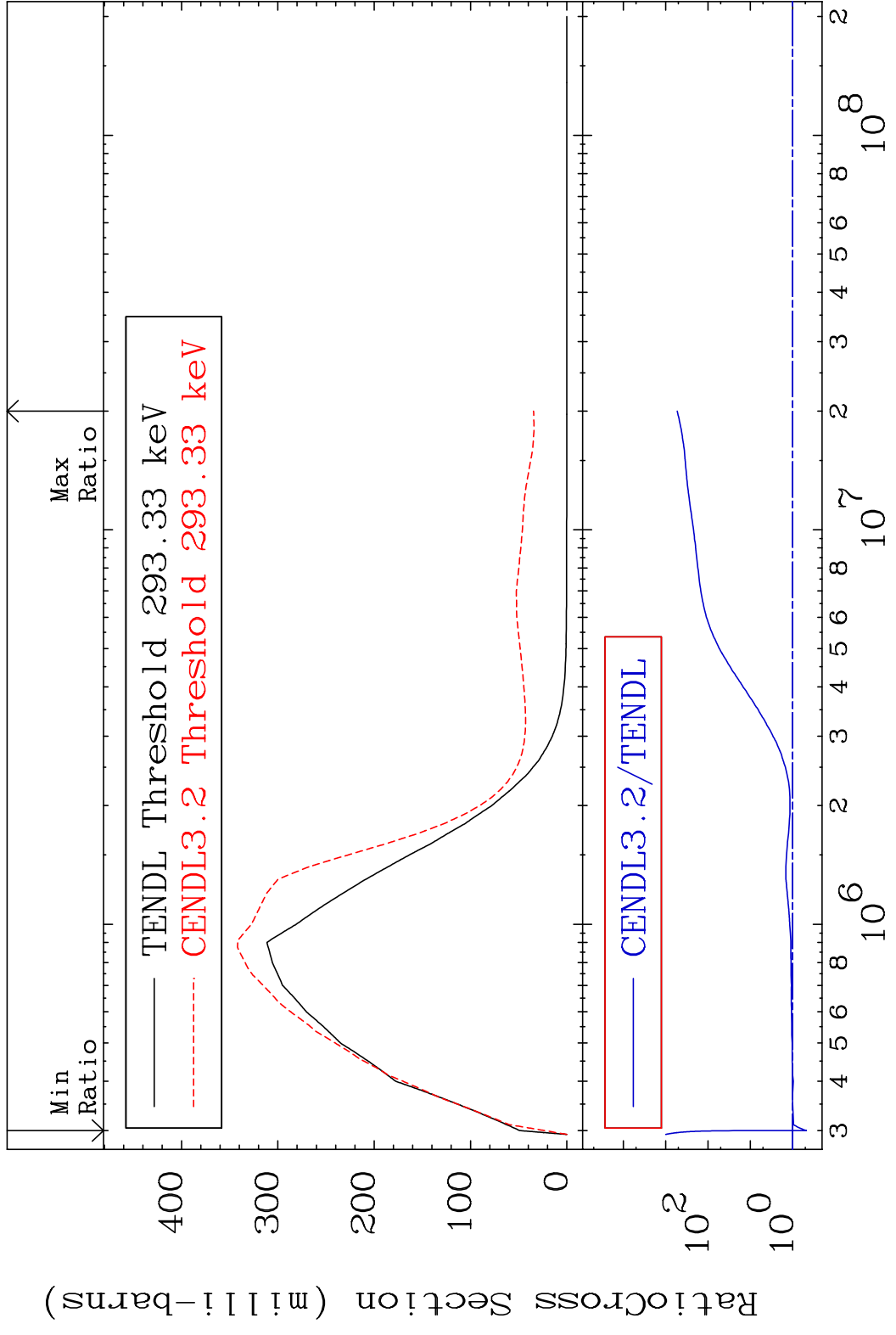


10 Incident Energy (eV) 74-W -183

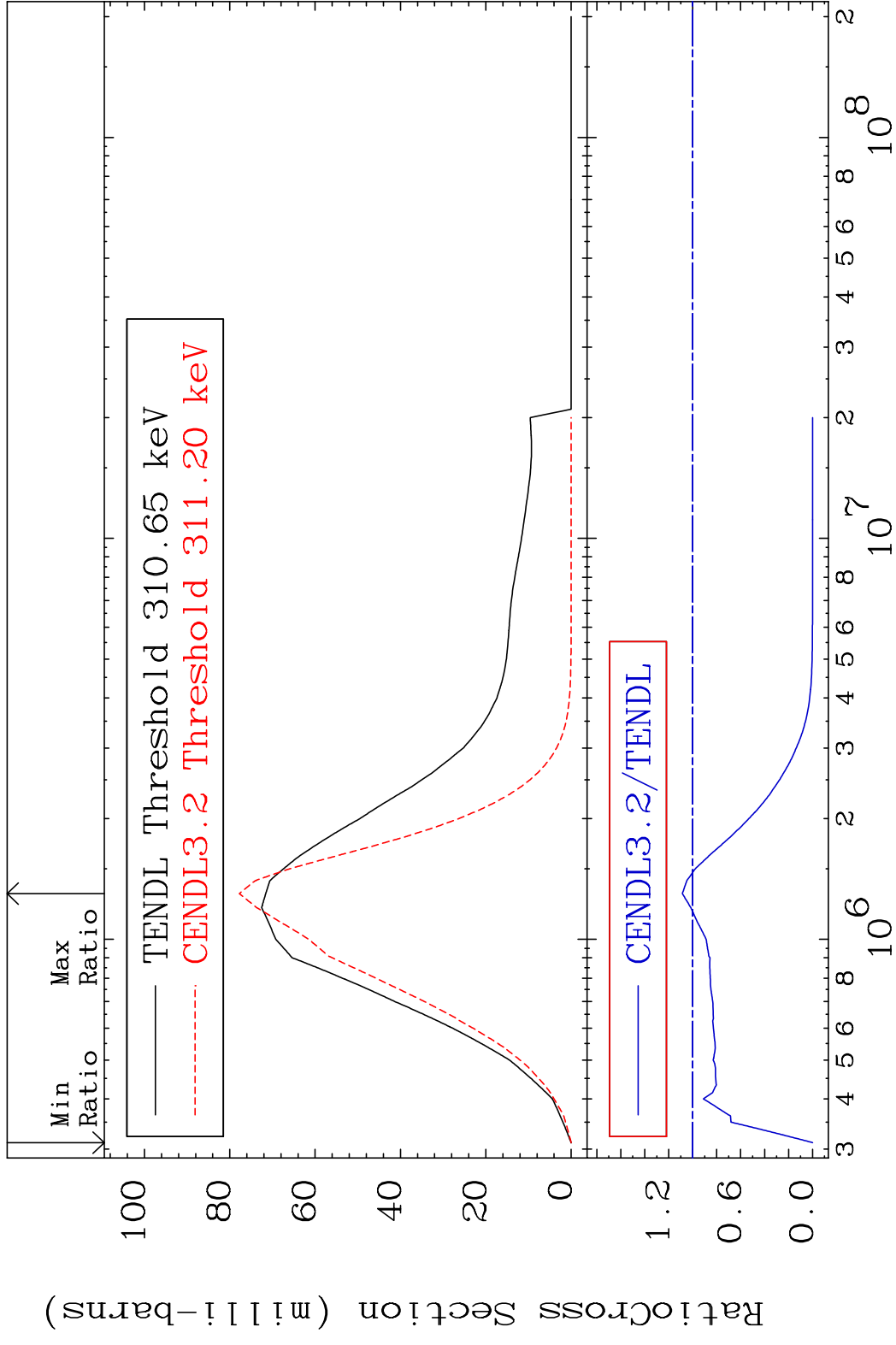
MAT 7434 MT= 54 (n, n') Level 74-W -183
 Cross Section -100.0 To 9999. %



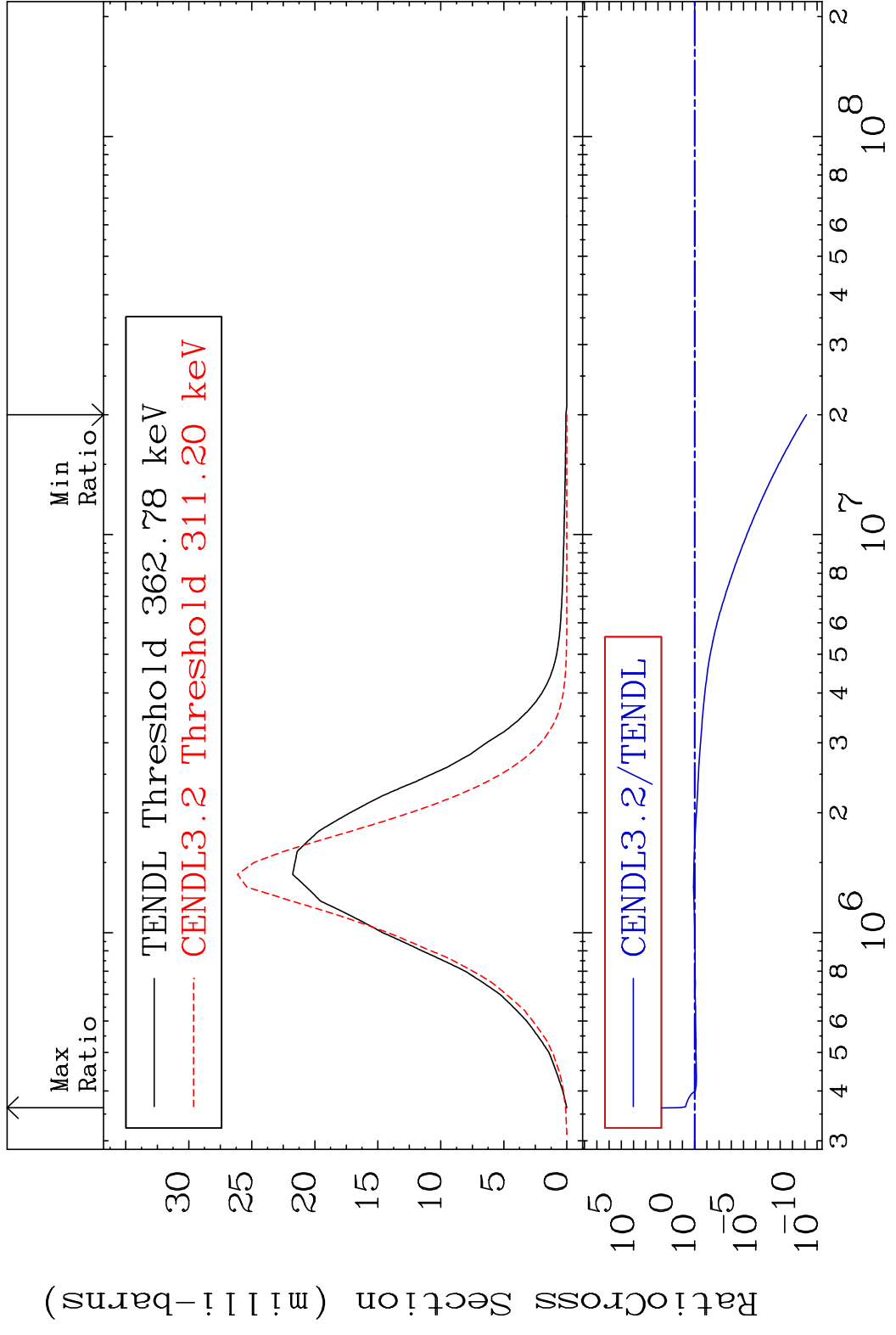
MAT 7434 MT= 55 (n,n') Level 74-W -183
 Cross Section -52.73 To 9999. %



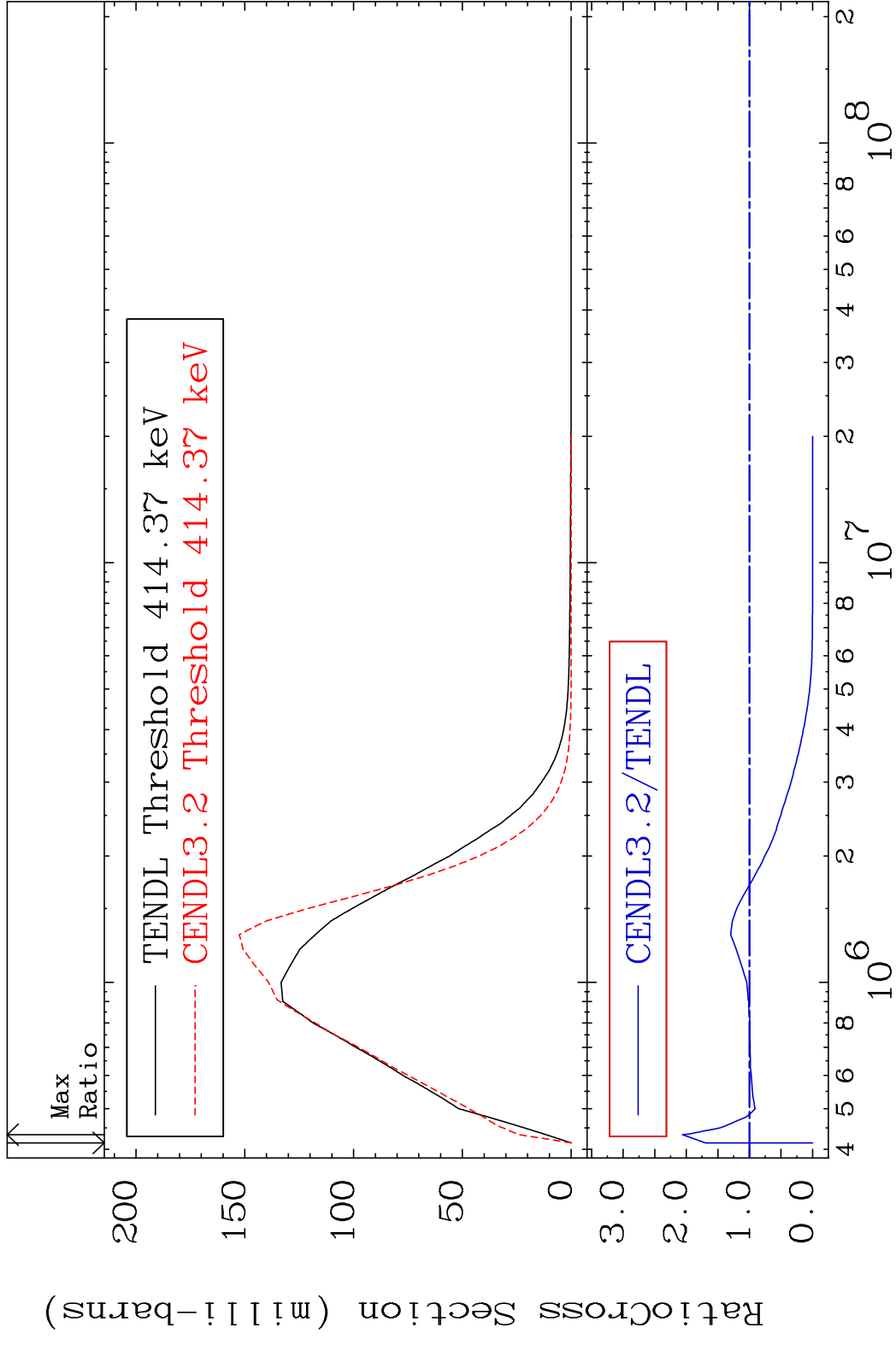
MAT 7434 MT= 56 (n,n') Level 74-W -183
 Cross Section -100.0 To 8.641 %



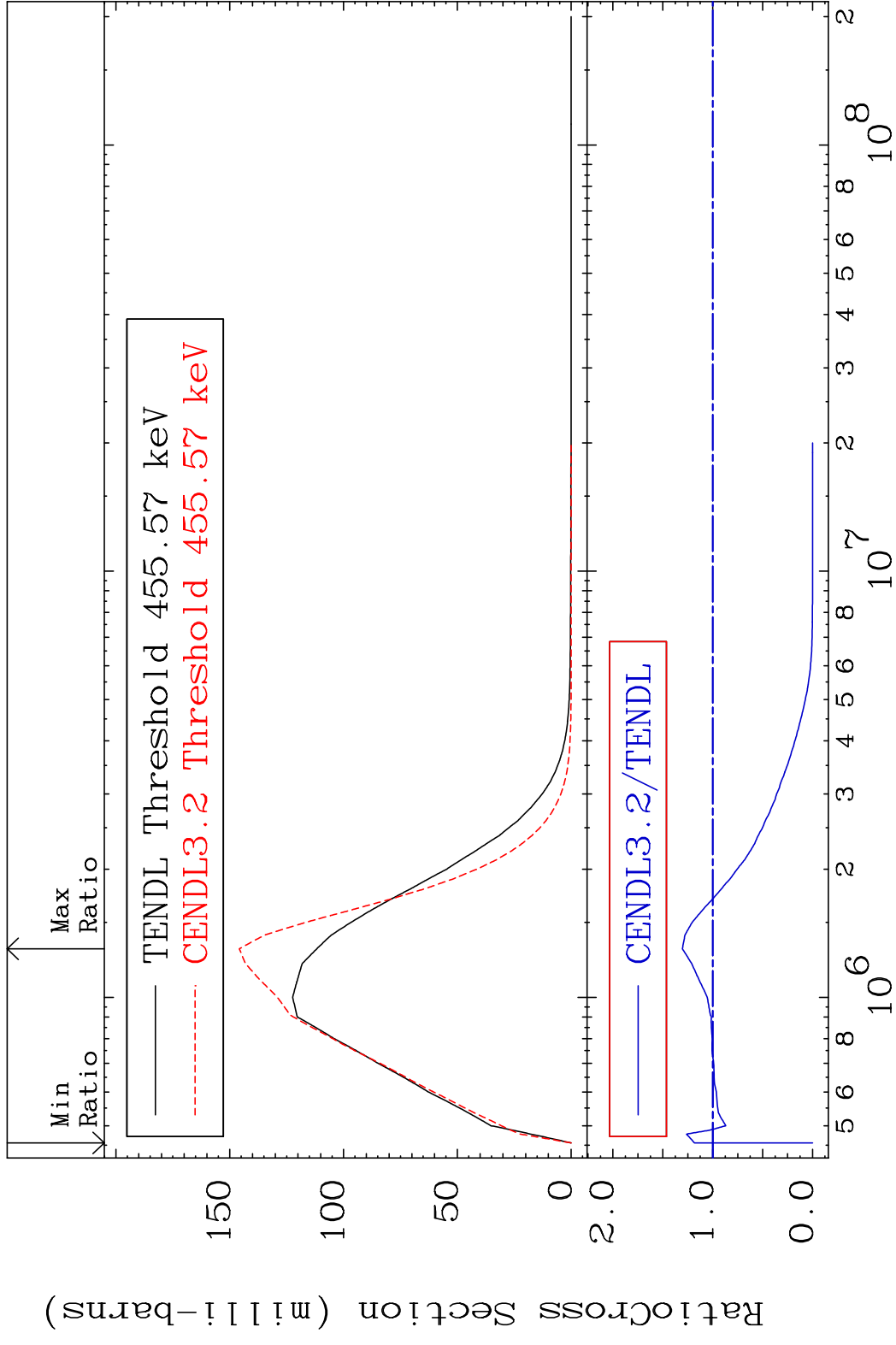
MAT 7434 MT= 57 (n, n') Level 74-W -183
 Cross Section -100.0 To 2573. %



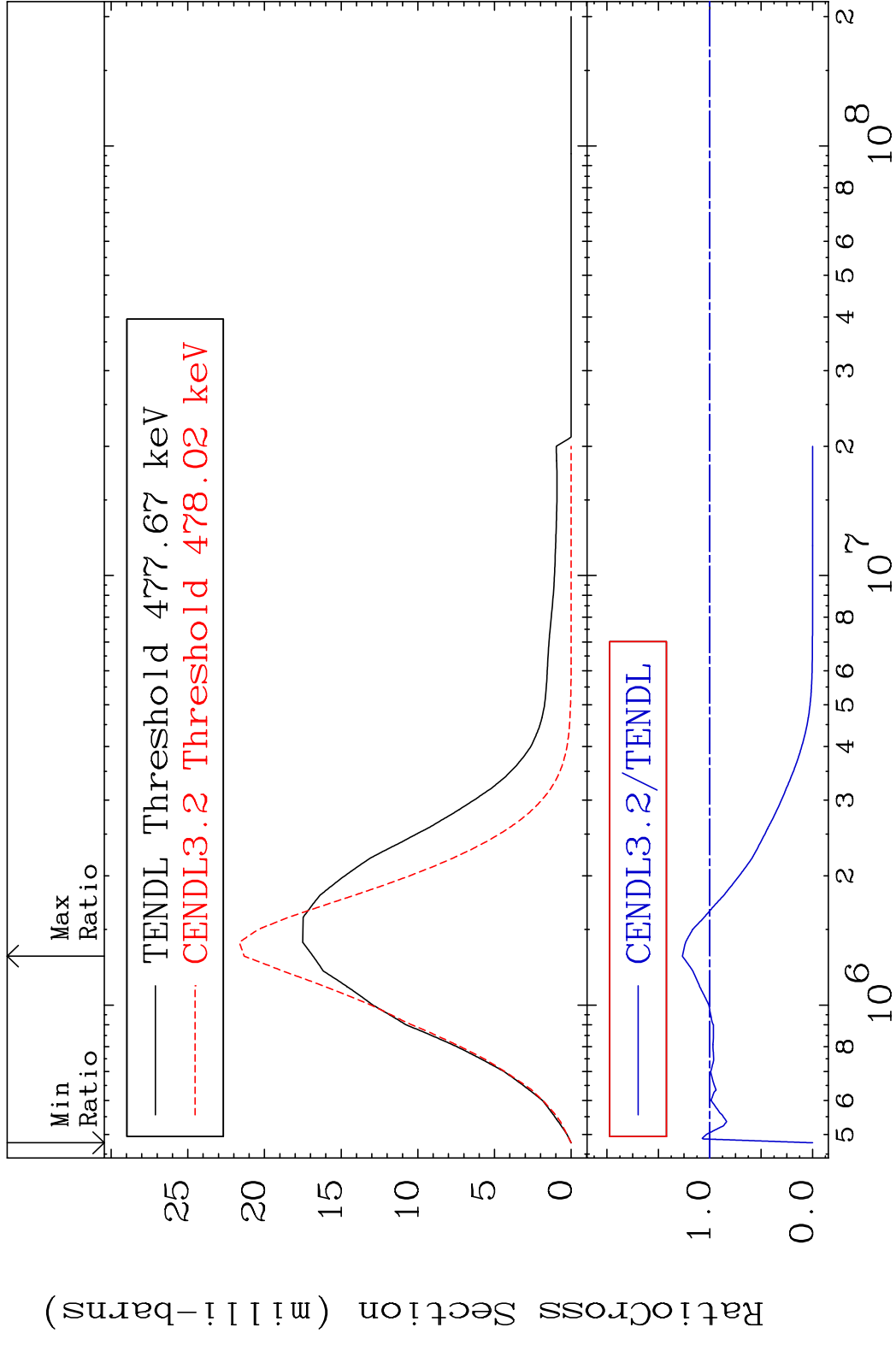
MAT 7434 MT= 58 (n,n') Level 74-W -183
 Cross Section -100.0 To 106.2 %



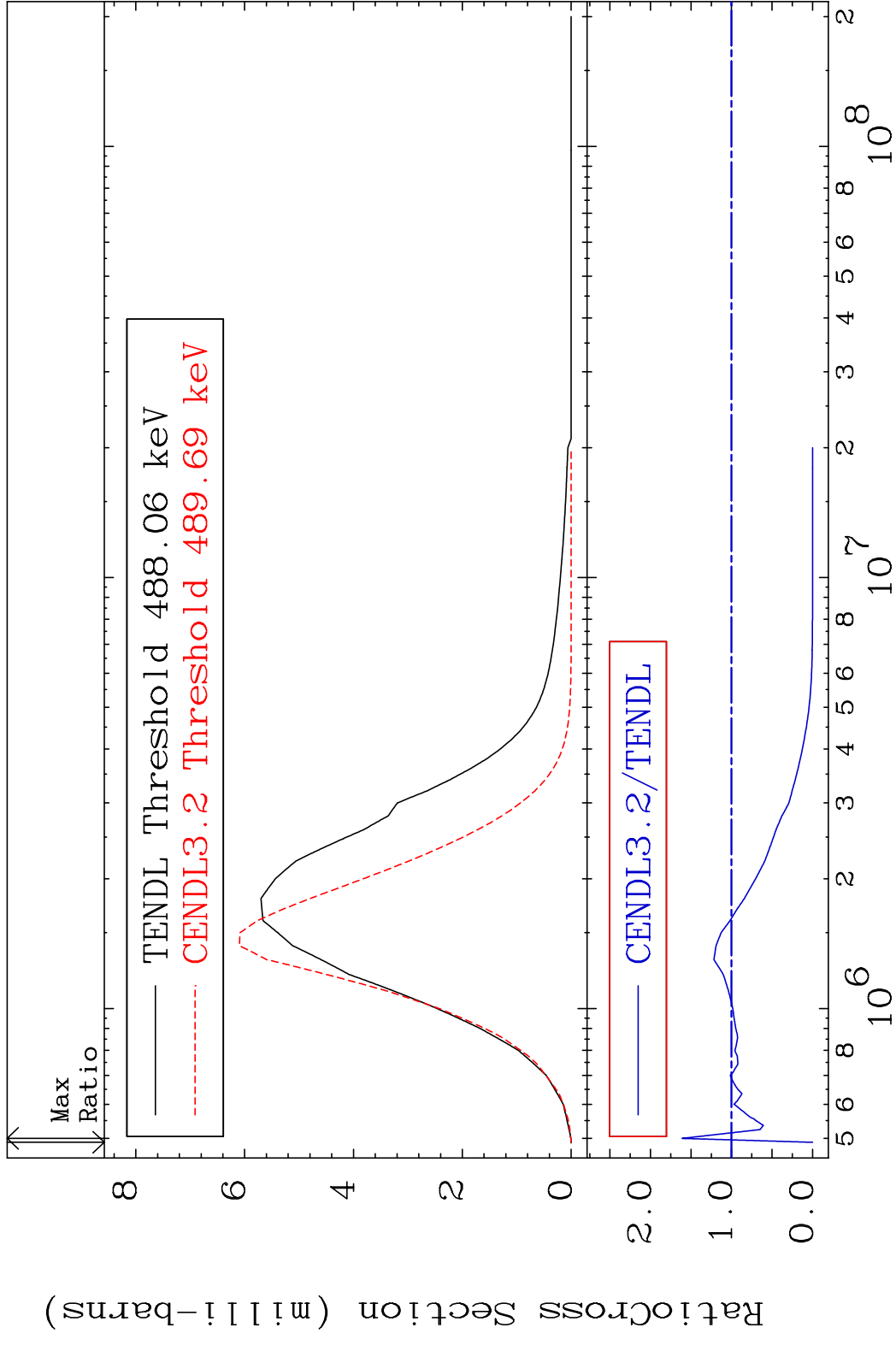
MAT 7434 MT= 59 (n,n') Level 74-W -183
 Cross Section -100.0 To 30.44 %



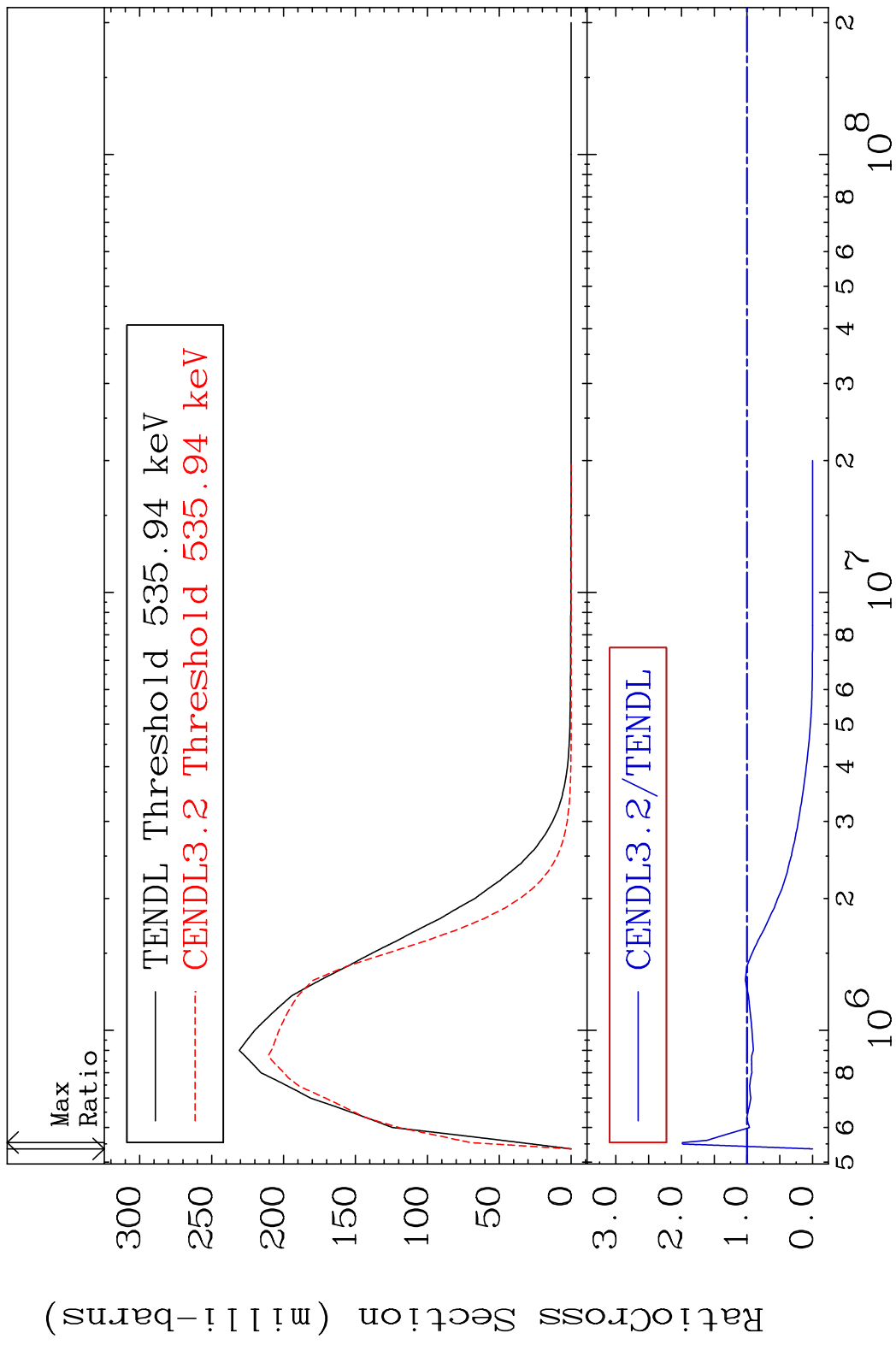
MAT 7434 MT= 60 (n, n') Level 74-W -183
 Cross Section -100.0 To 26.68 %



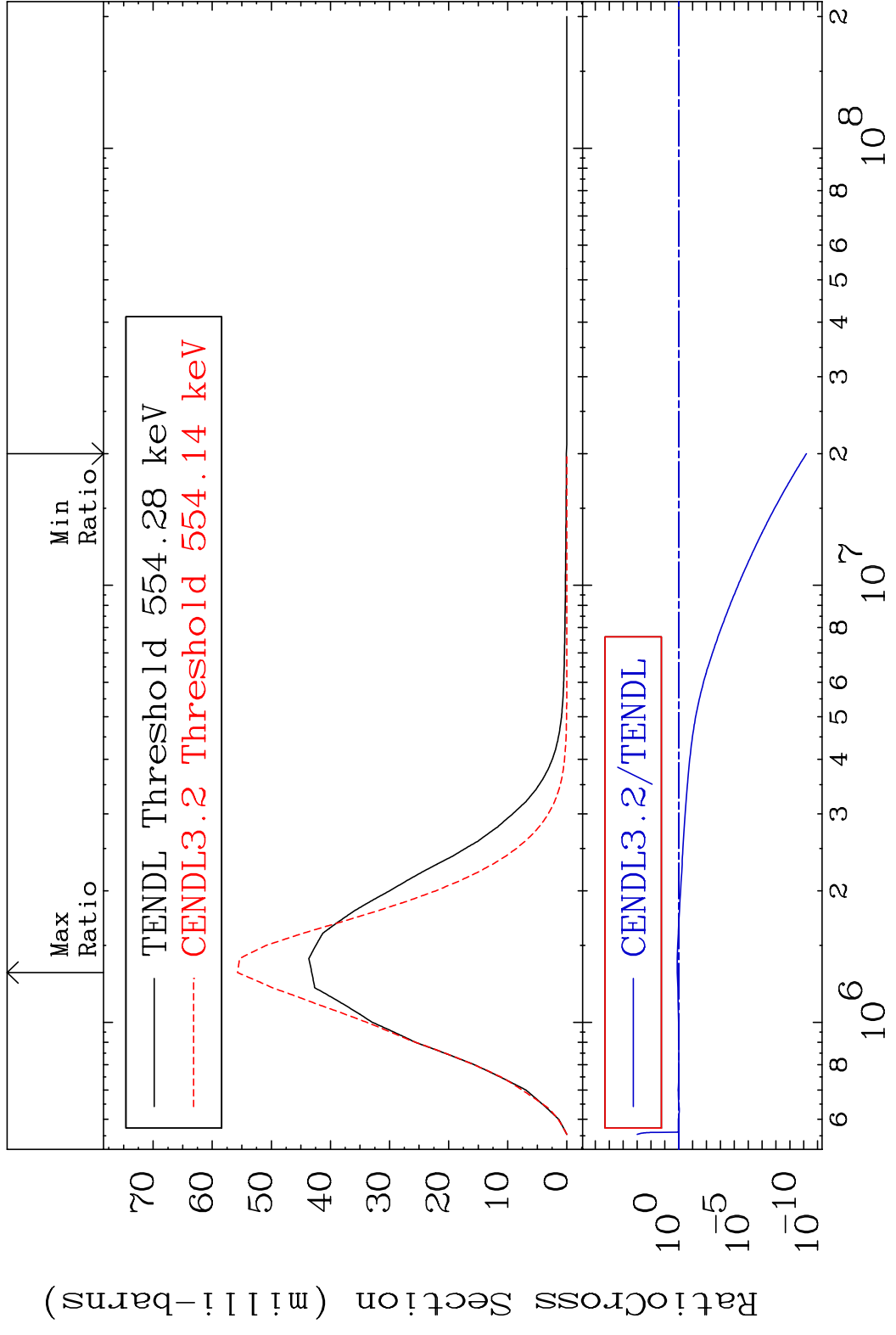
MAT 7434 MT= 61 (n, n') Level 74-W -183
 Cross Section -100.0 To 60.68 %



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

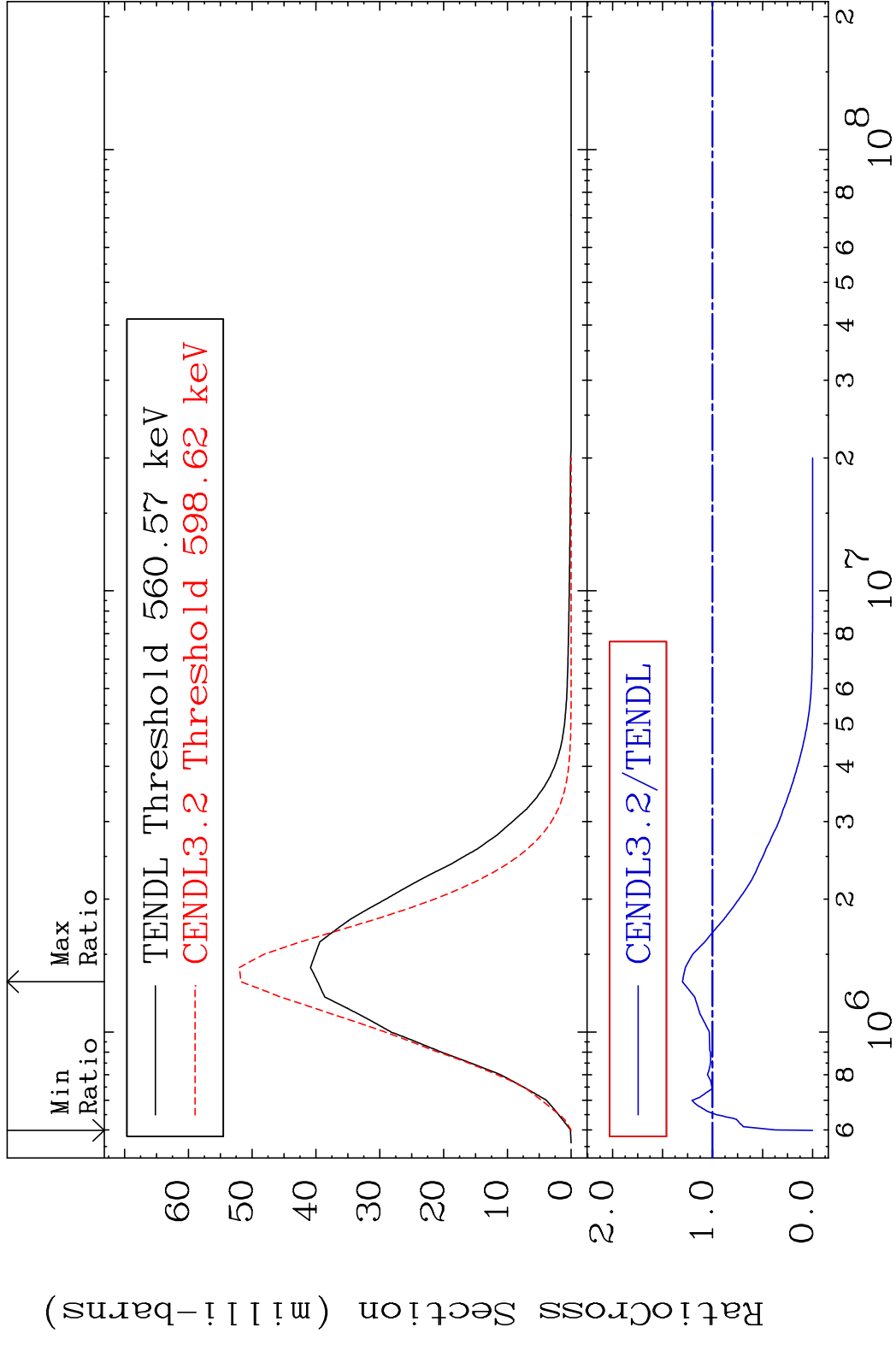


MAT 7434 MT= 63 (n, n') Level 74-W -183
 Cross Section -100.0 To 29.12 %

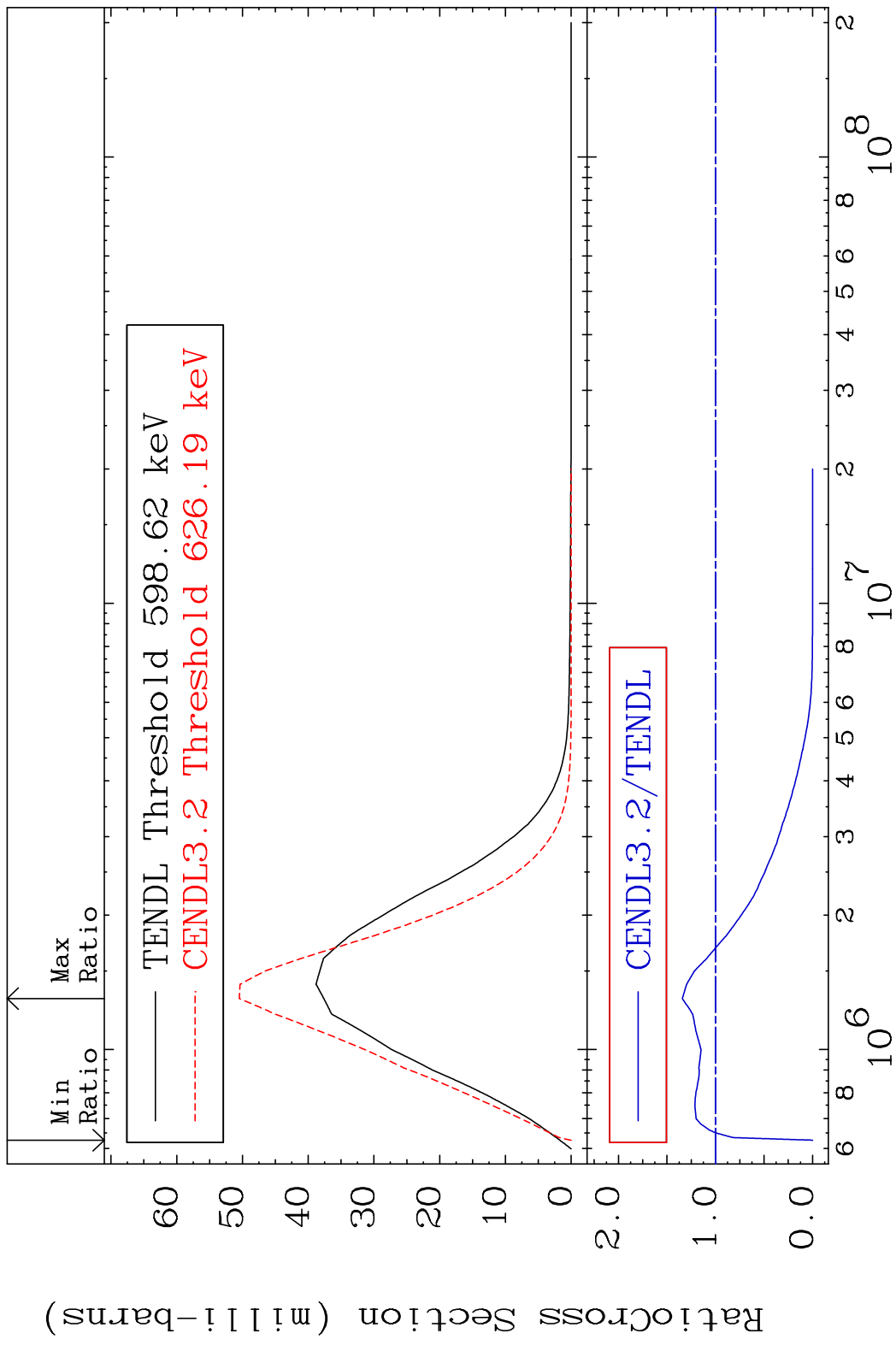


20 Incident Energy (eV) 74-W -183

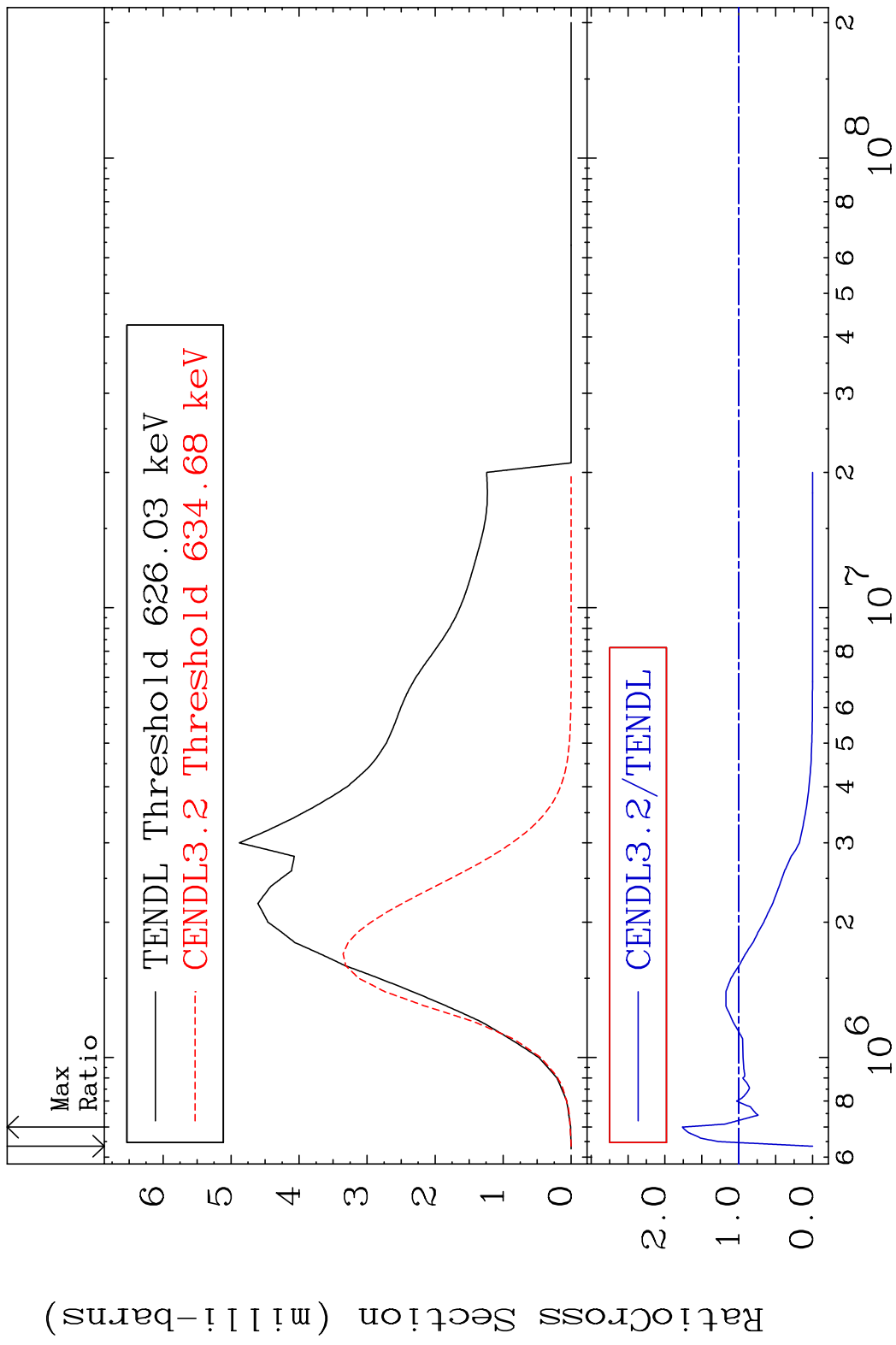
MAT 7434 MT= 64 (n,n') Level 74-W -183
 Cross Section -100.0 To 30.25 %



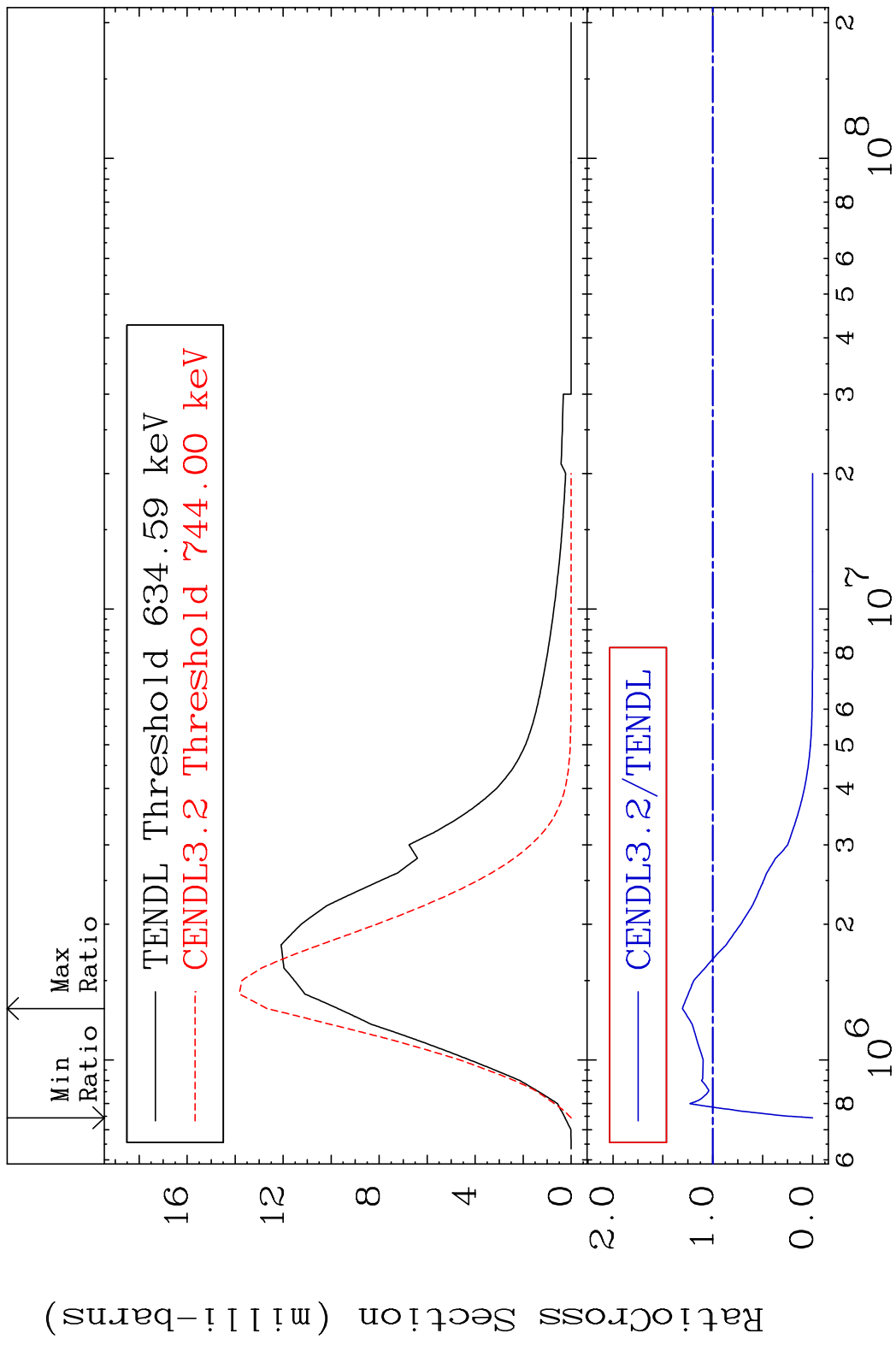
MAT 7434 MT= 65 (n, n') Level 74-W -183
 Cross Section -100.0 To 34.17 %



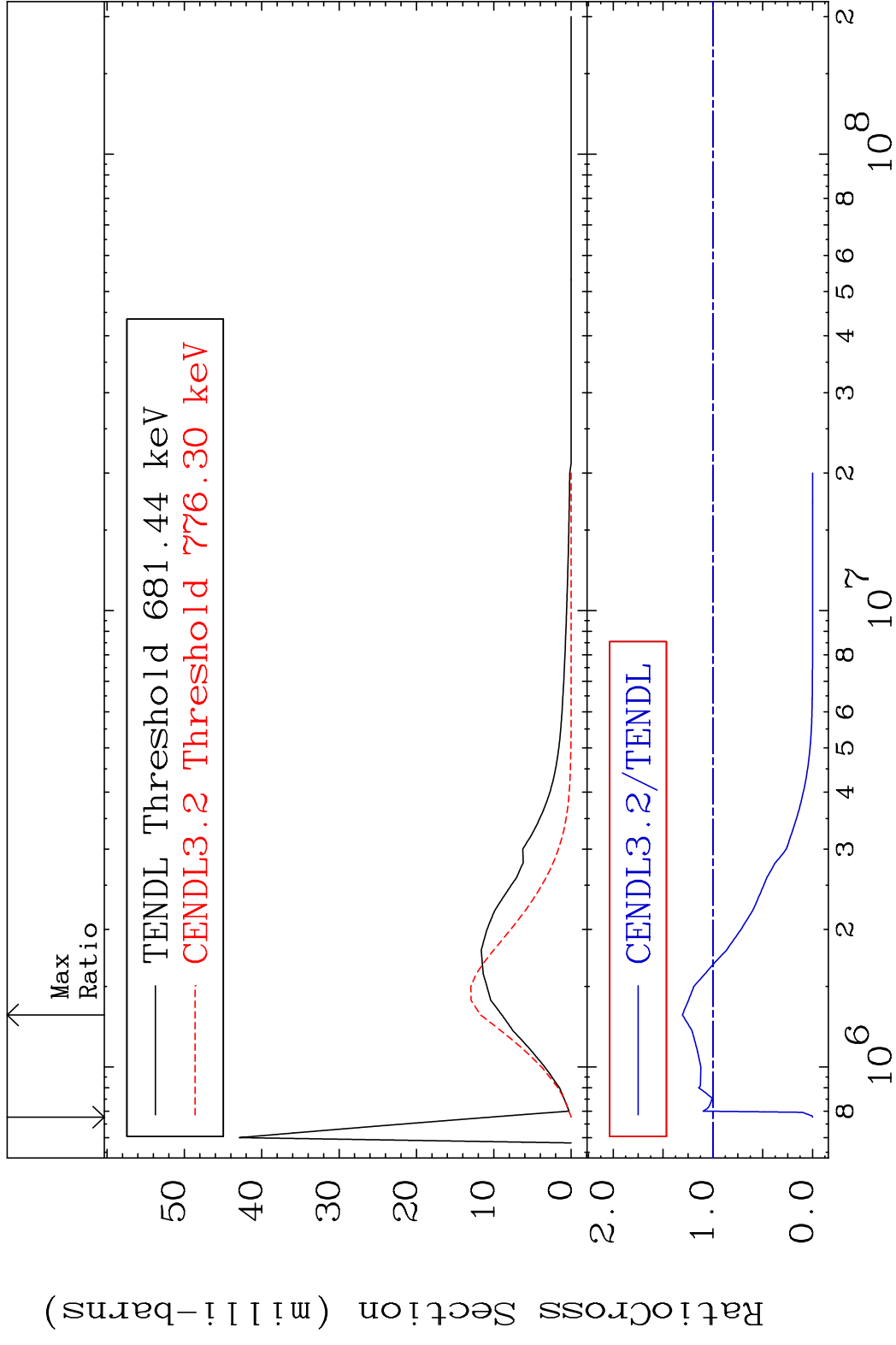
MAT 7434 MT= 66 (n,n') Level 74-W -183
 Cross Section -100.0 To 76.38 %



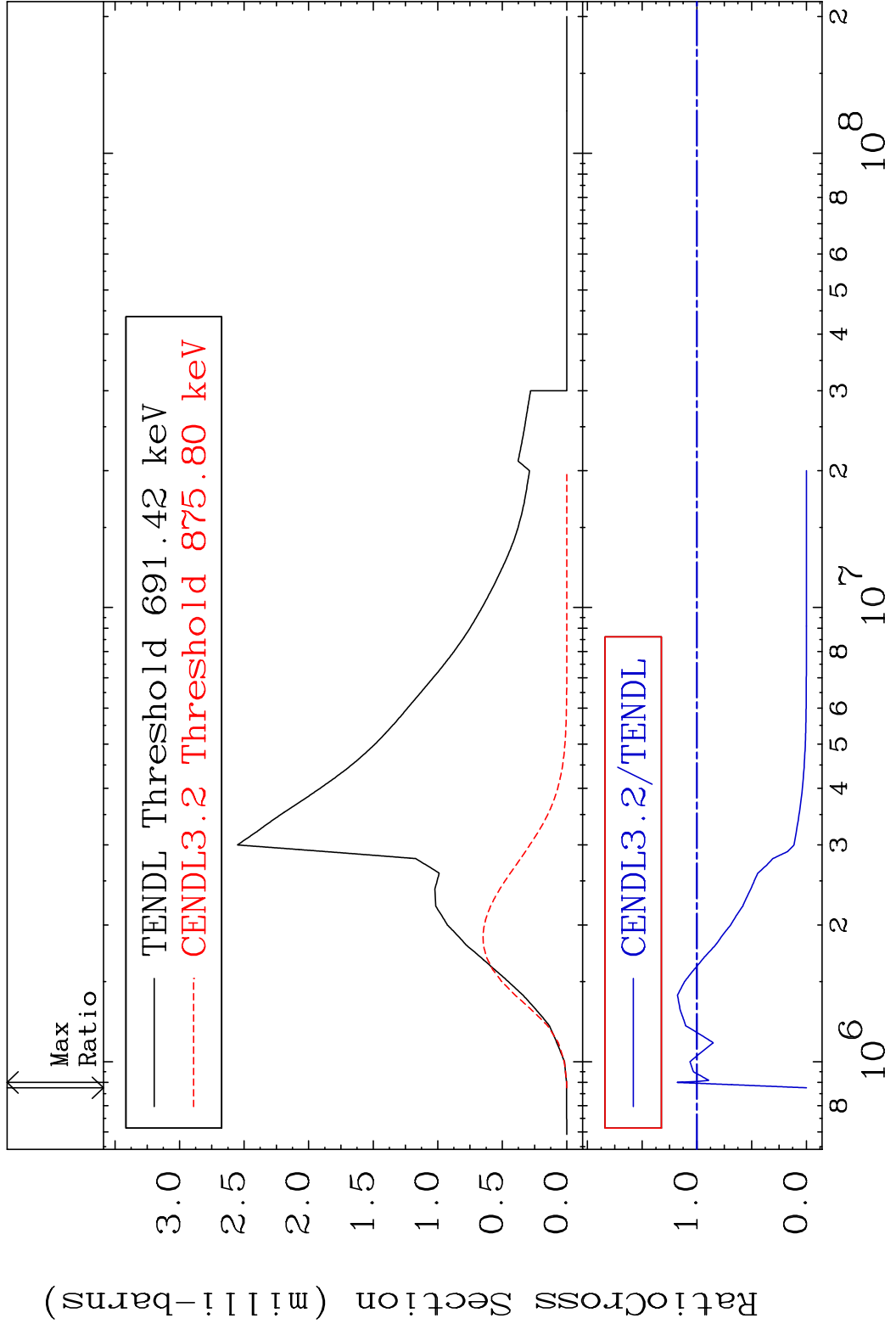
MAT 7434 MT= 67 (n, n') Level 74-W -183
 Cross Section -100.0 To 30.49 %



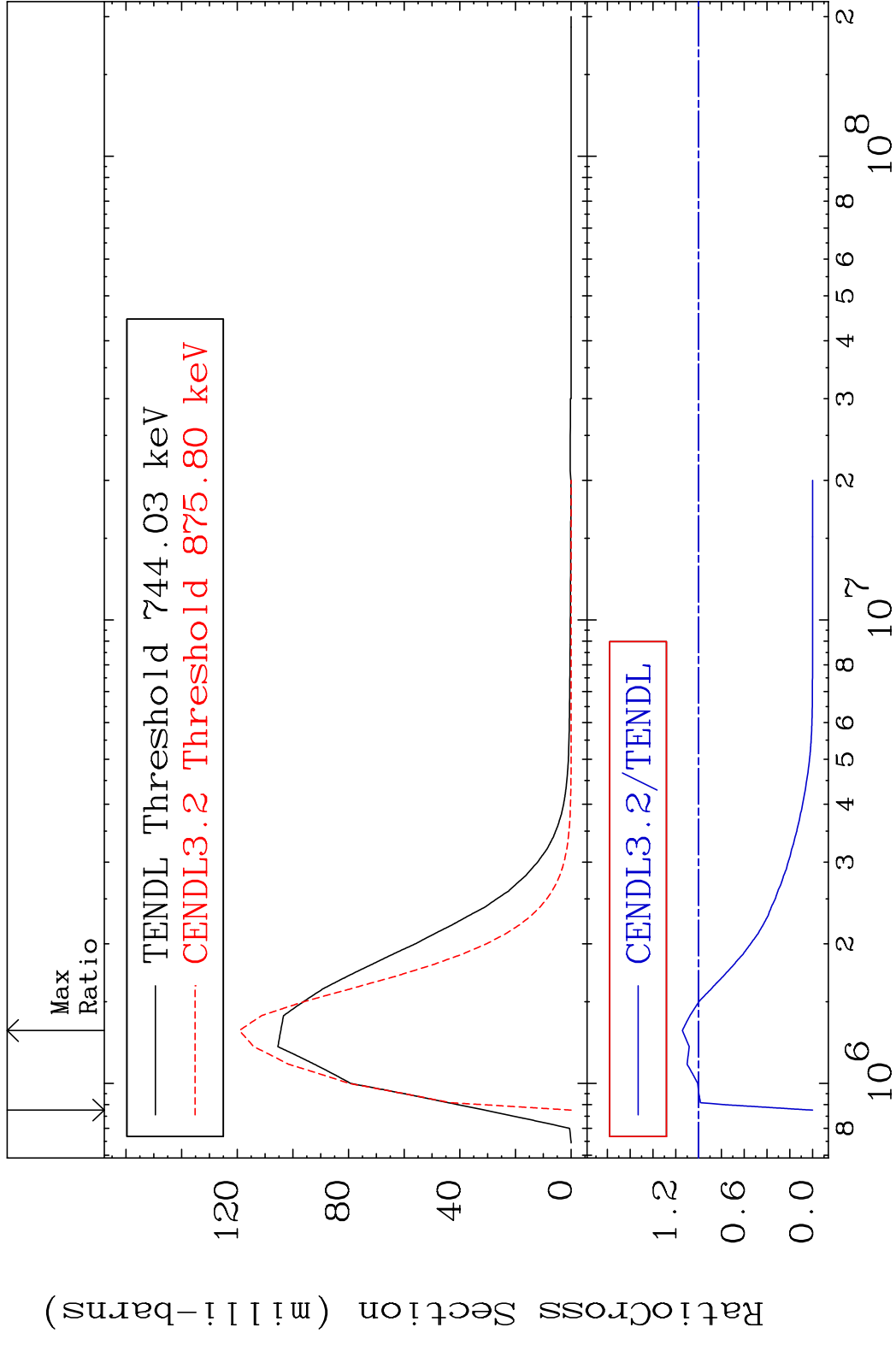
MAT 7434 MT= 68 (n, n') Level 74-W -183
 Cross Section -100.0 To 30.66 %



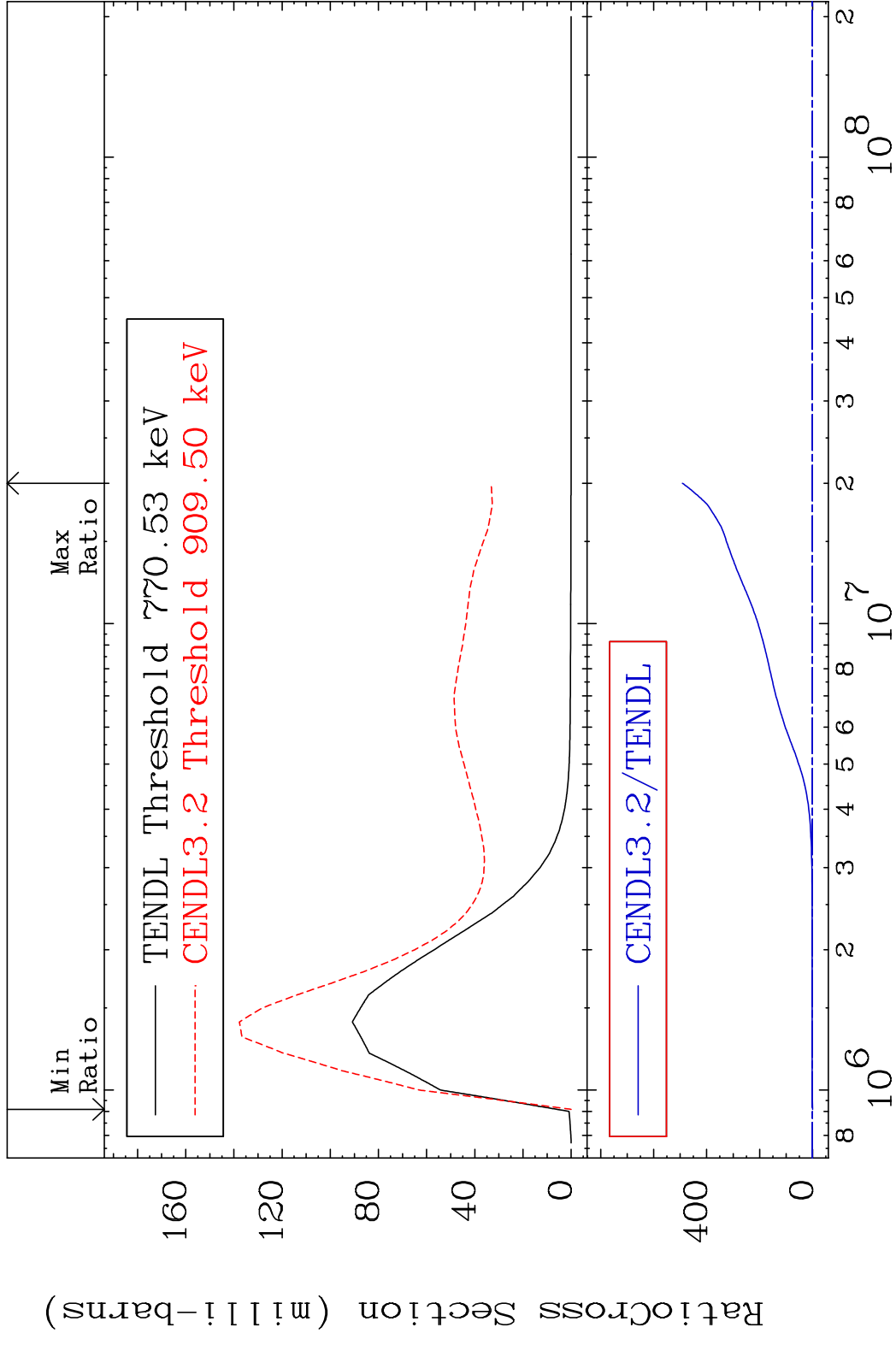
MAT 7434 MT= 69 (n, n') Level 74-W -183
 Cross Section -100.0 To 18.00 %



MAT 7434 MT= 70 (n, n') Level 74-W -183
 Cross Section -100.0 To 14.26 %

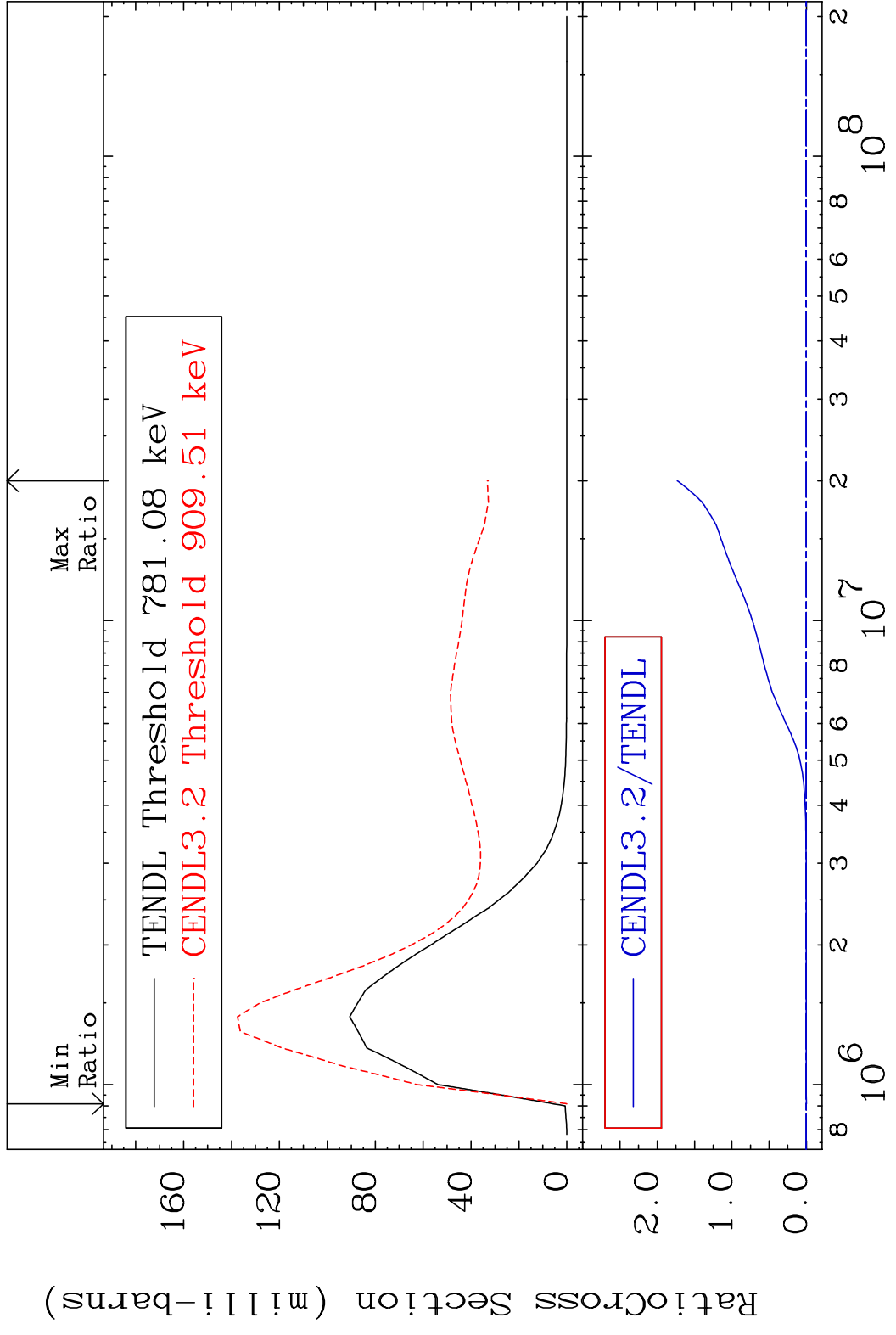


MAT 7434 MT= 71 (n, n') Level 74-W -183
 Cross Section -100.0 To 9999. %

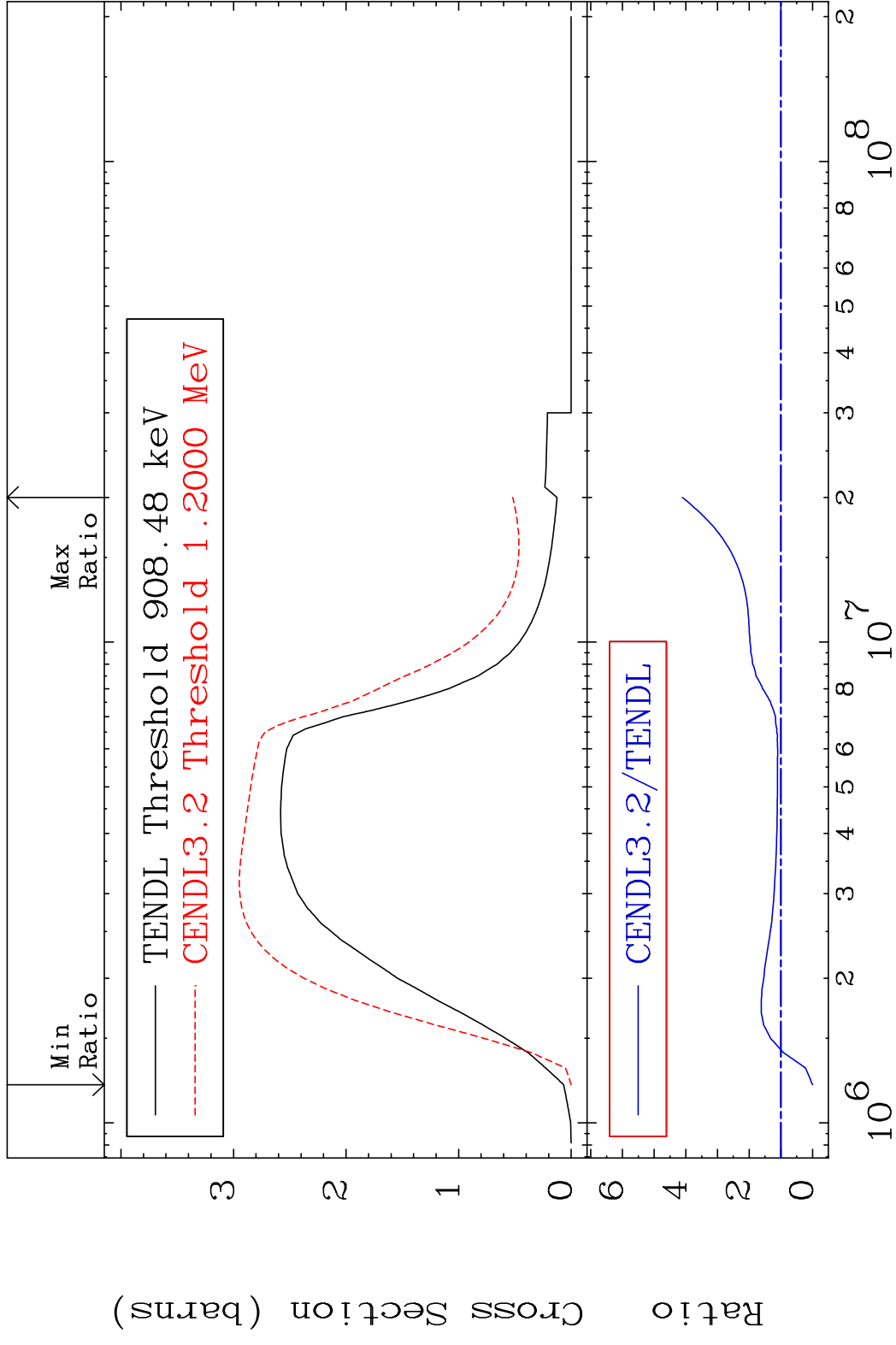


28 Incident Energy (eV) 74-W -183

MAT 7434 MT= 72 (n, n') Level 74-W -183
 Cross Section -100.0 To 9999. %



MAT 7434 (n, n') Continuum 74-W -183
 Cross Section -100.0 To 311.0 %



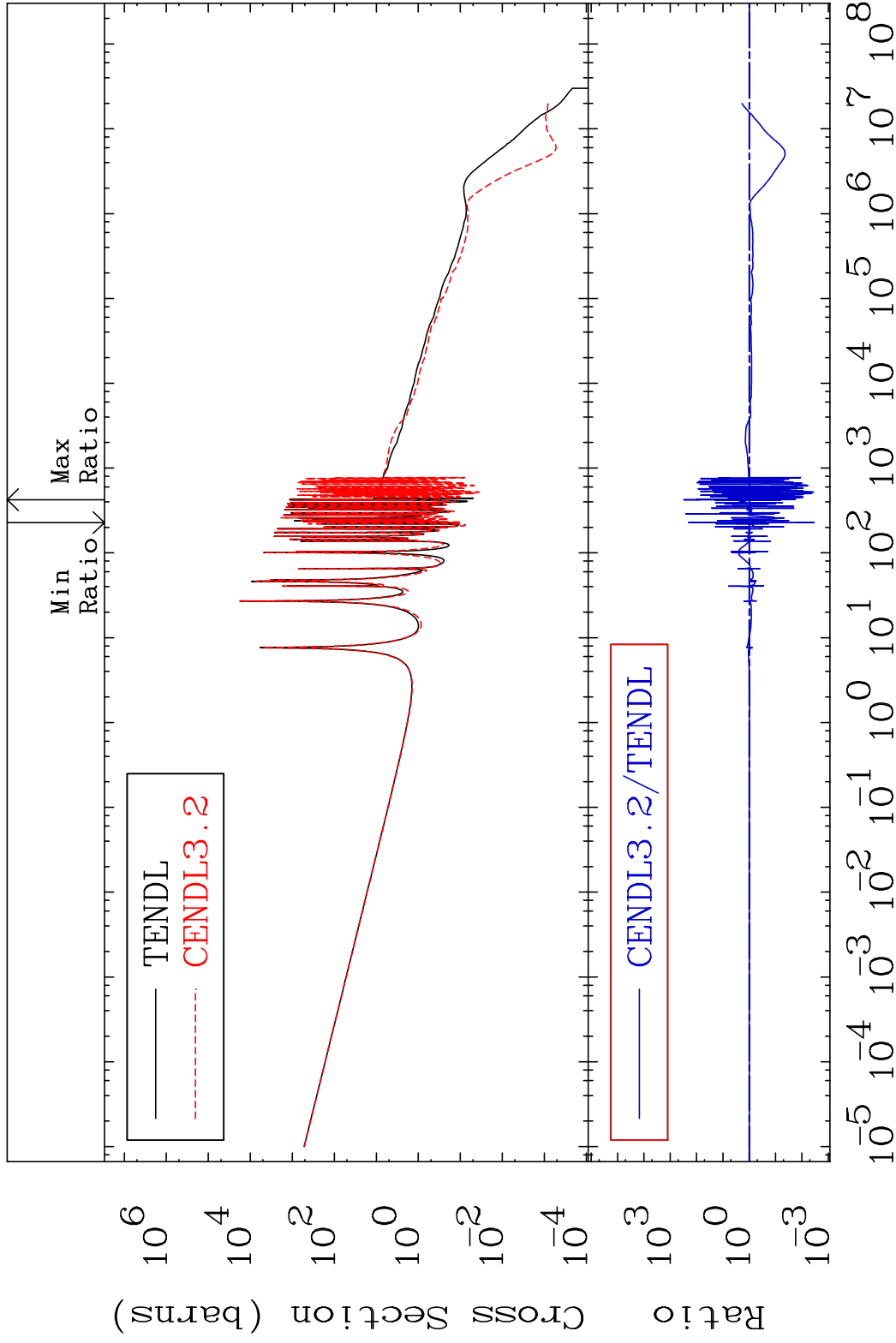
30 Incident Energy (eV) 74-W -183

MAT 7434

(n, γ)

74-W -183

Cross Section -99.66 To 9999. %



31

Incident Energy (eV)

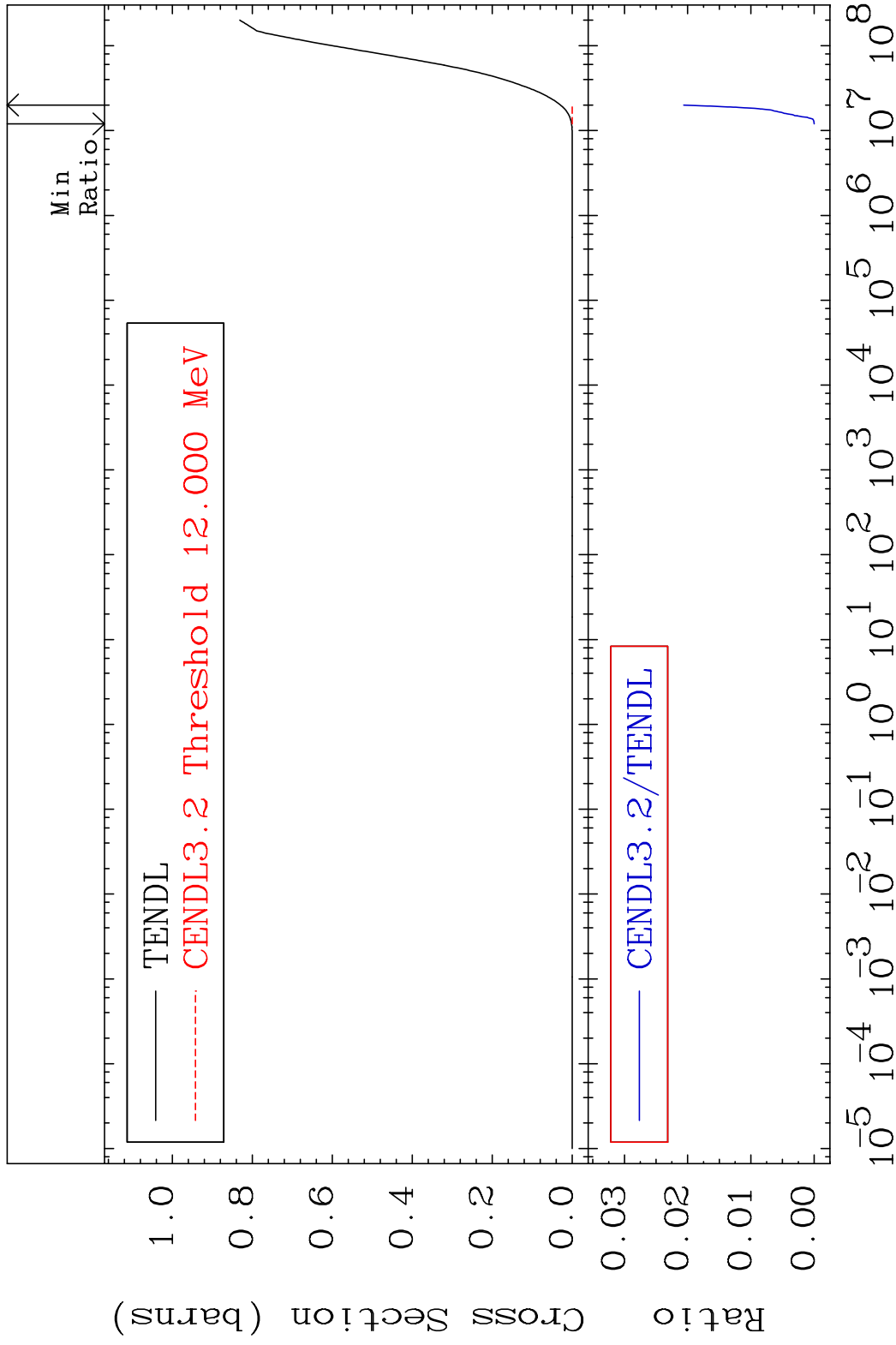
74-W -183

MAT 7434

Hydrogen Production

74-W -183

Cross Section -100.0 To -97.94%



32

Incident Energy (eV)

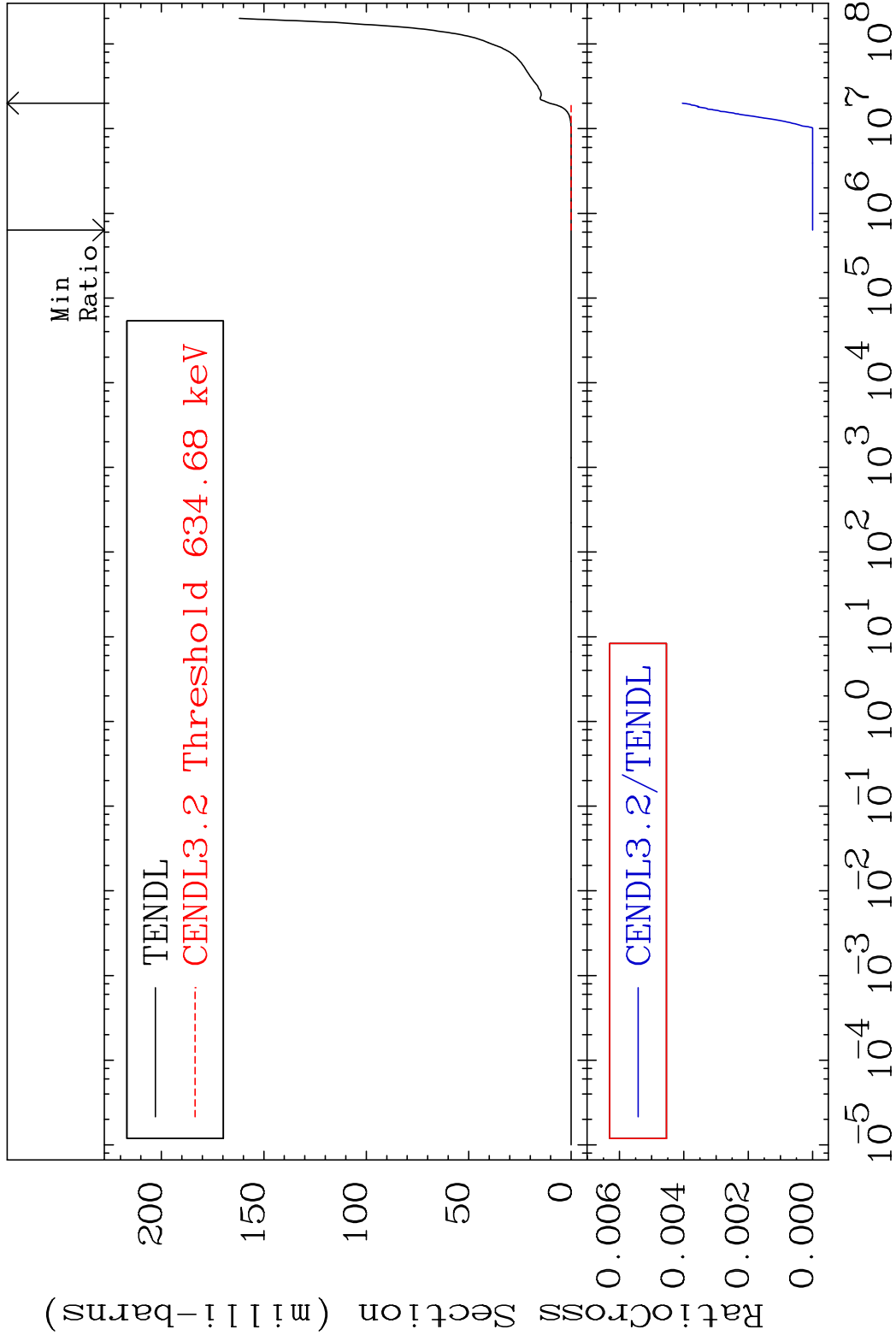
74-W -183

MAT 7434

He-4 Production

74-W -183

Cross Section -100.0 To -99.60%

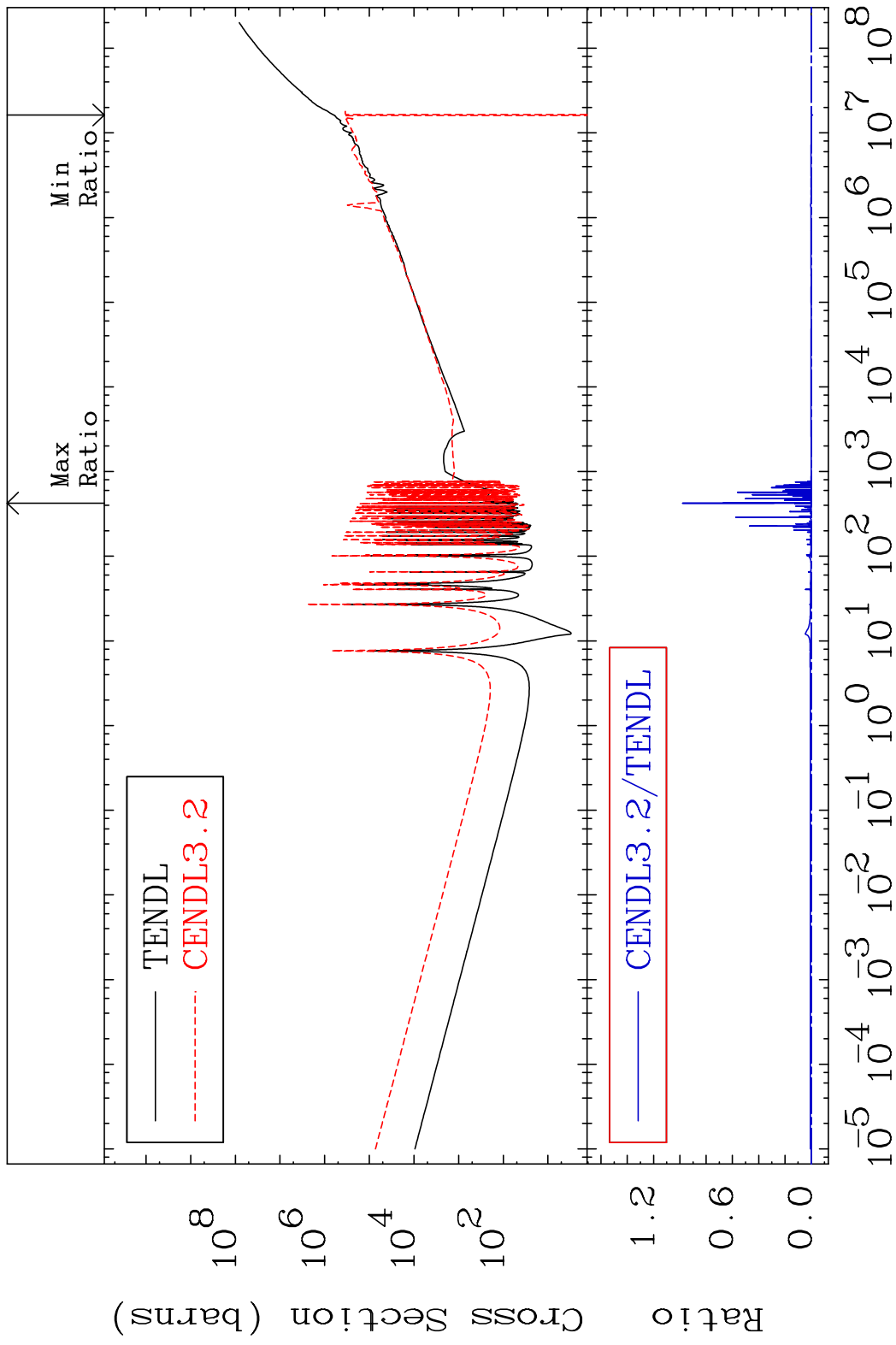


33

Incident Energy (eV)

74-W -183

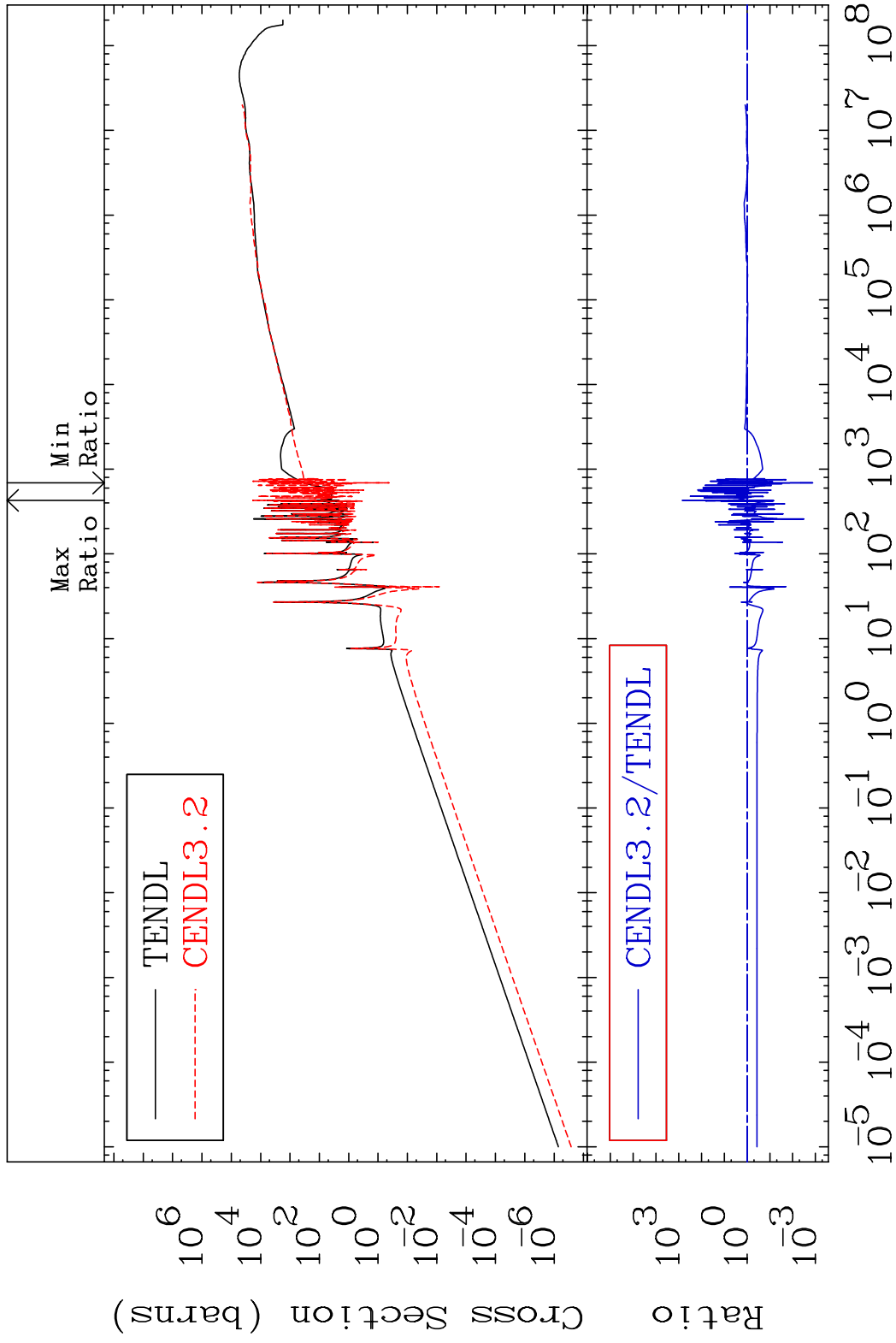
MAT 7434 Kerma total (eV-barns) 74-W -183
 Cross Section -1089. To 9999. %



MAT 7434

Kerma elastic
Cross Section -99.87 To 9999. %

74-W -183

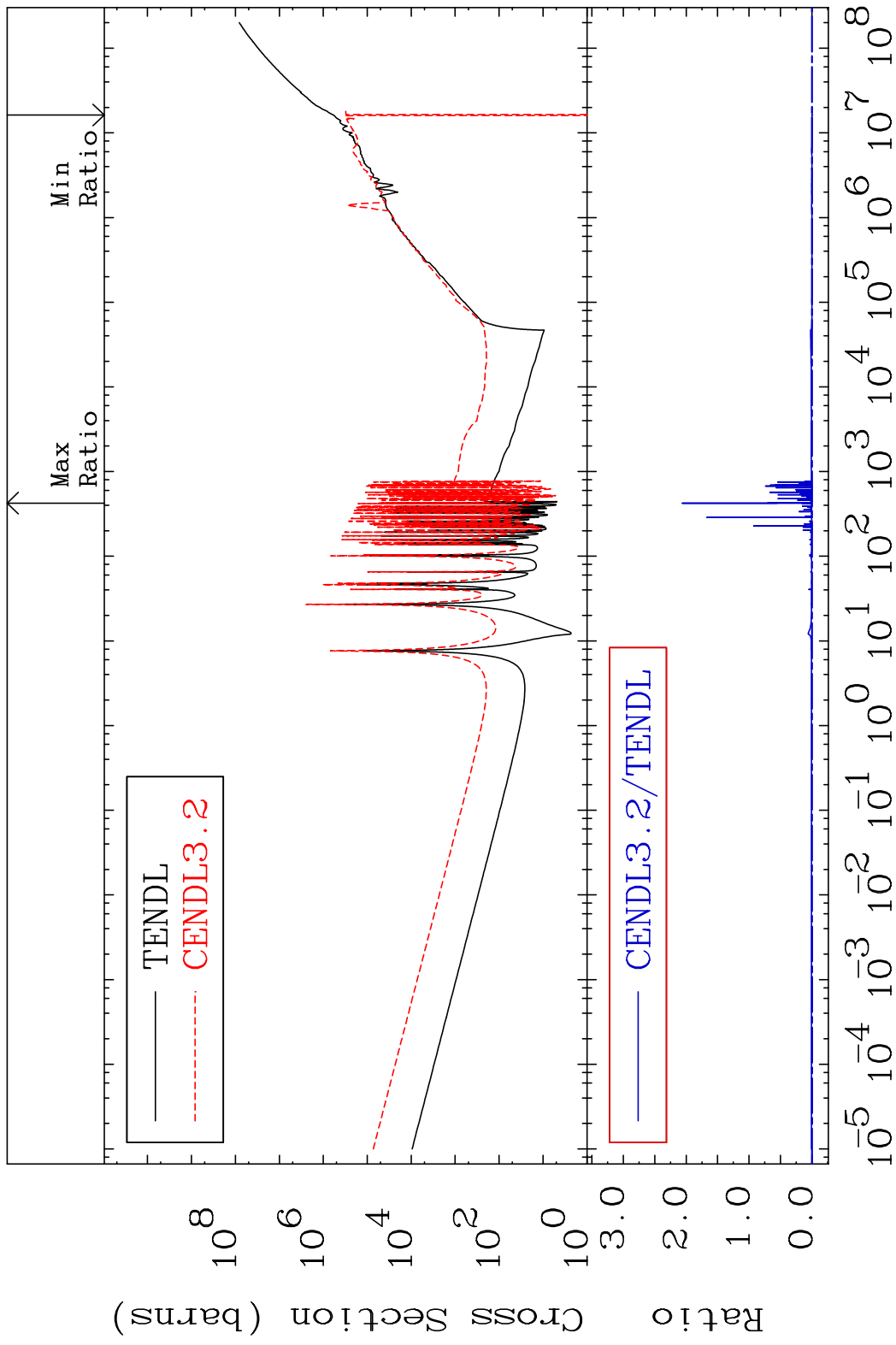


35

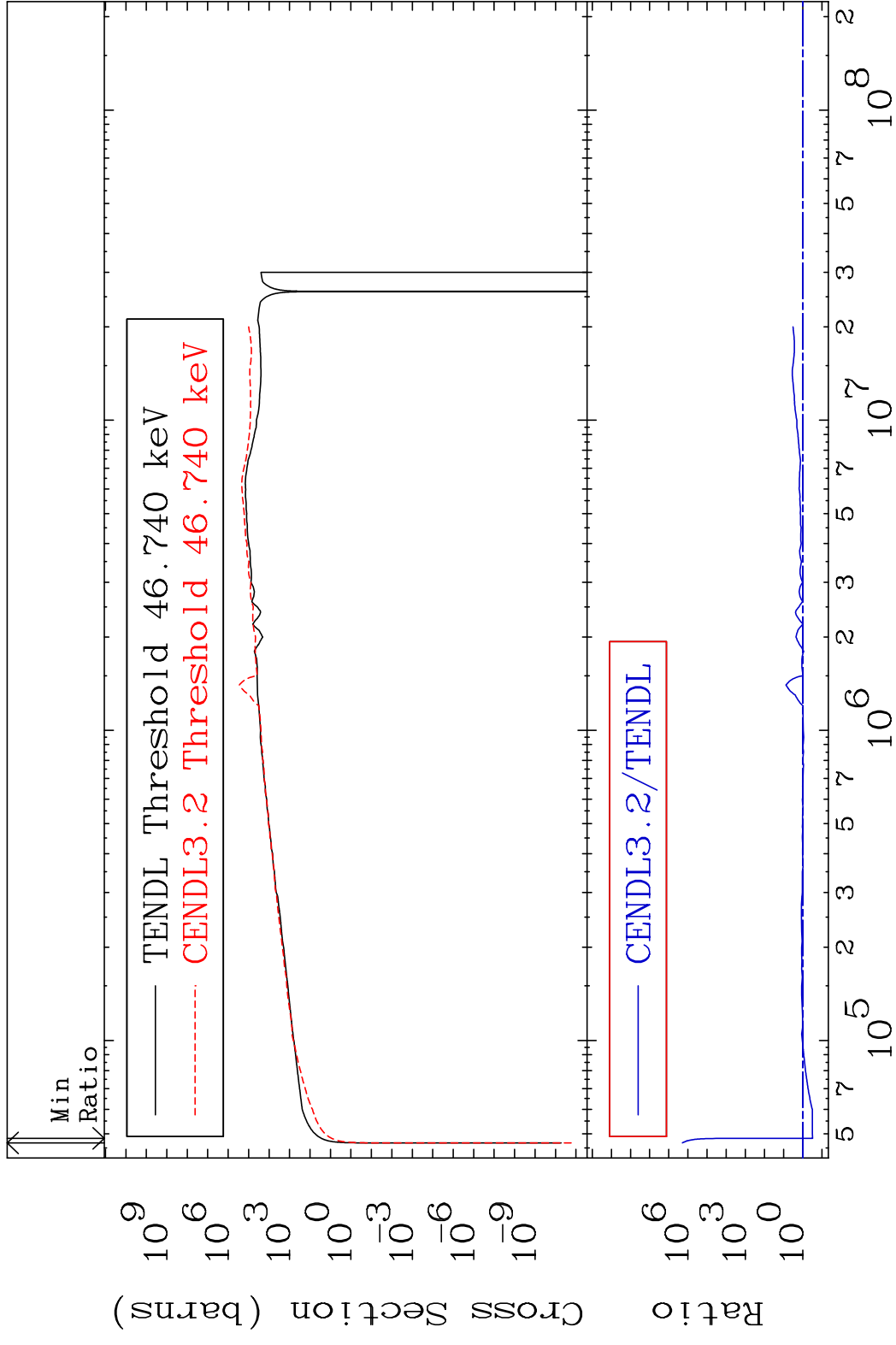
Incident Energy (eV)

74-W -183

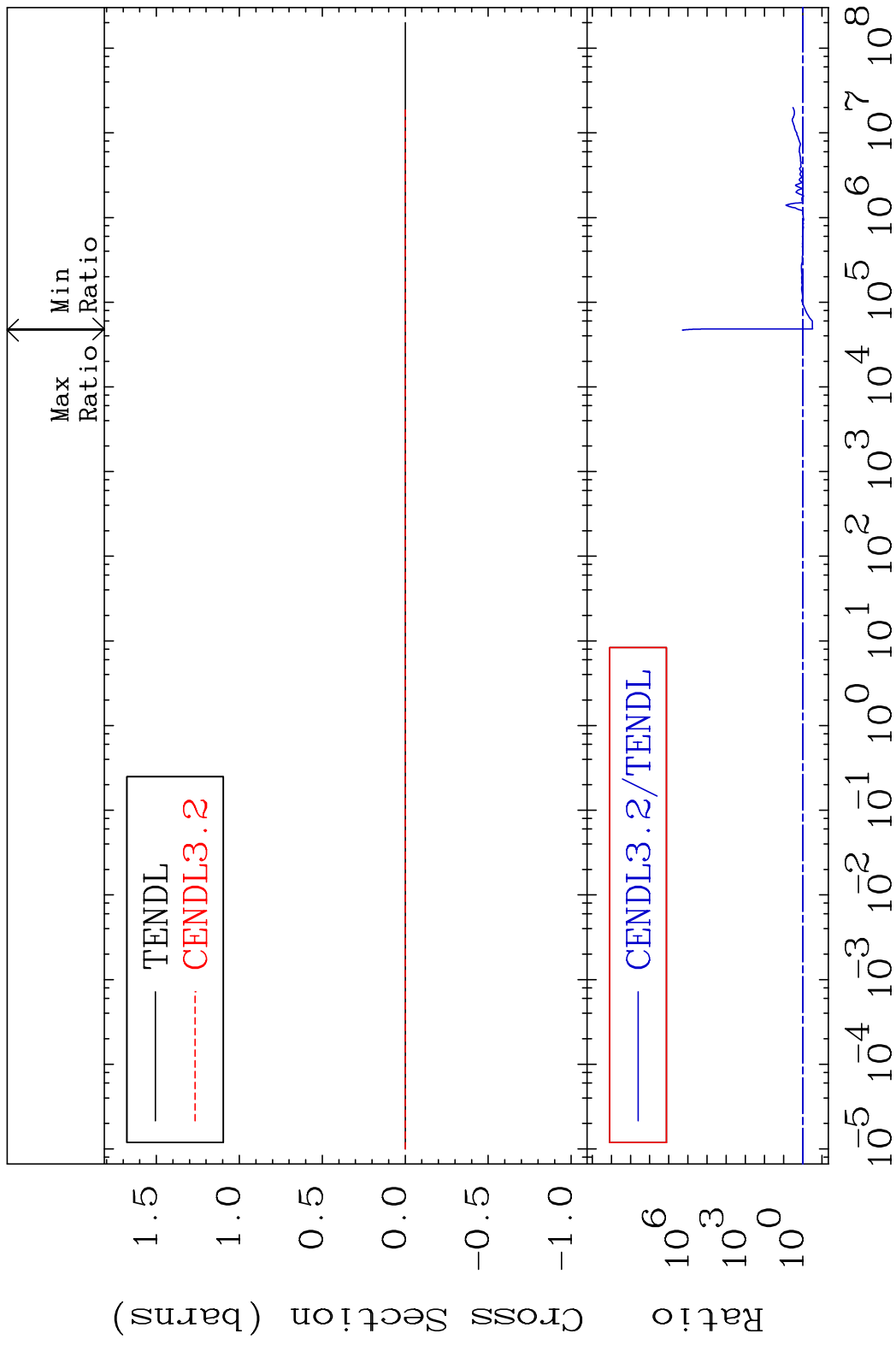
MAT 7434 Kerma non-elastic (all but mt2) 74-W -183
 Cross Section -1150. To 9999. %



MAT 7434 Kerma inelastic (mt51-91) 74-W -183
 Cross Section -69.25 To 9999. %

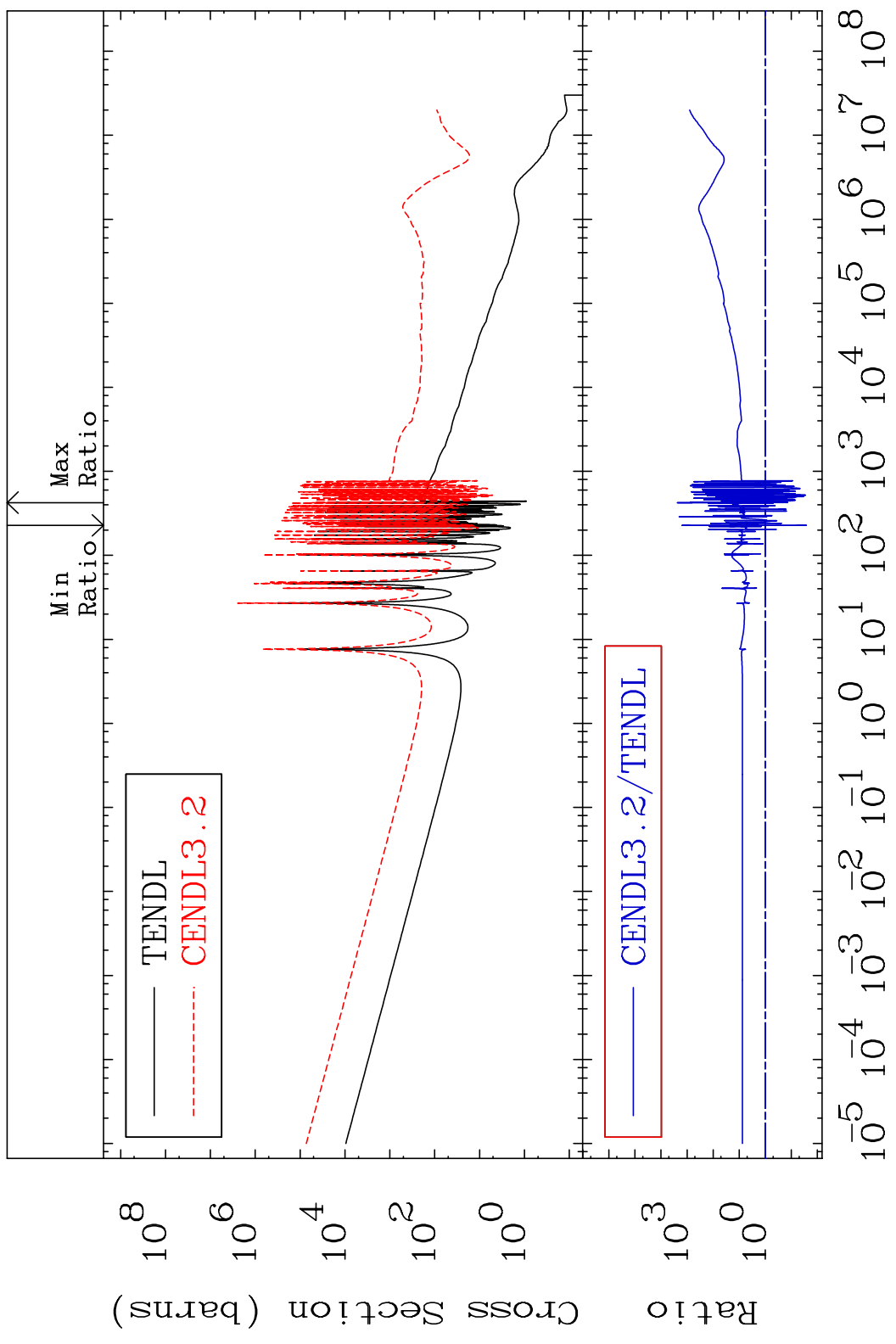


MAT 7434 Kerma fission (mt18 or mt19-20-21-38)74-W -183
 Cross Section -69.25 To 9999. %



MAT 7434

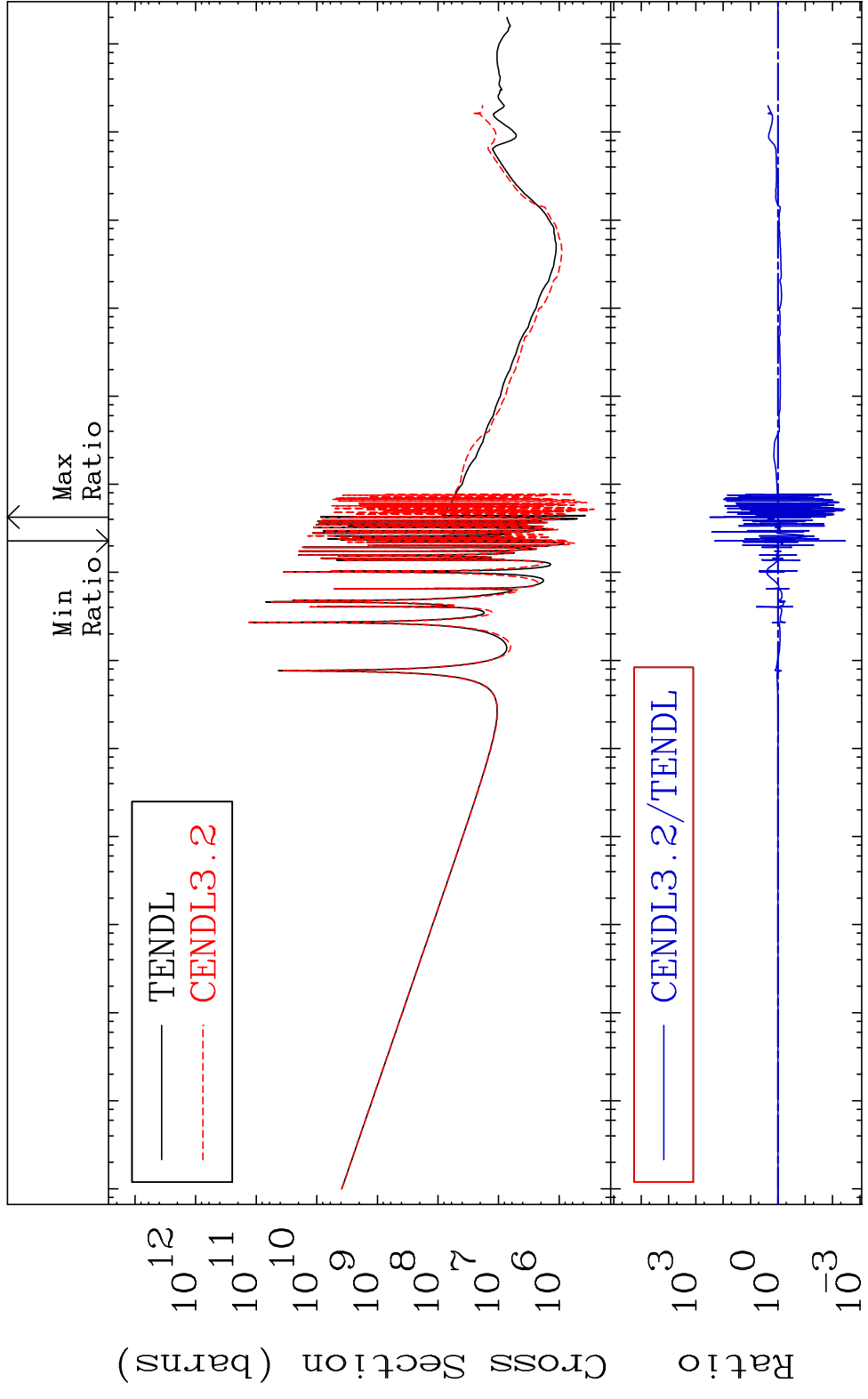
Kerma capture (mt102) 74-W -183
Cross Section -97.36 To 9999. %



39

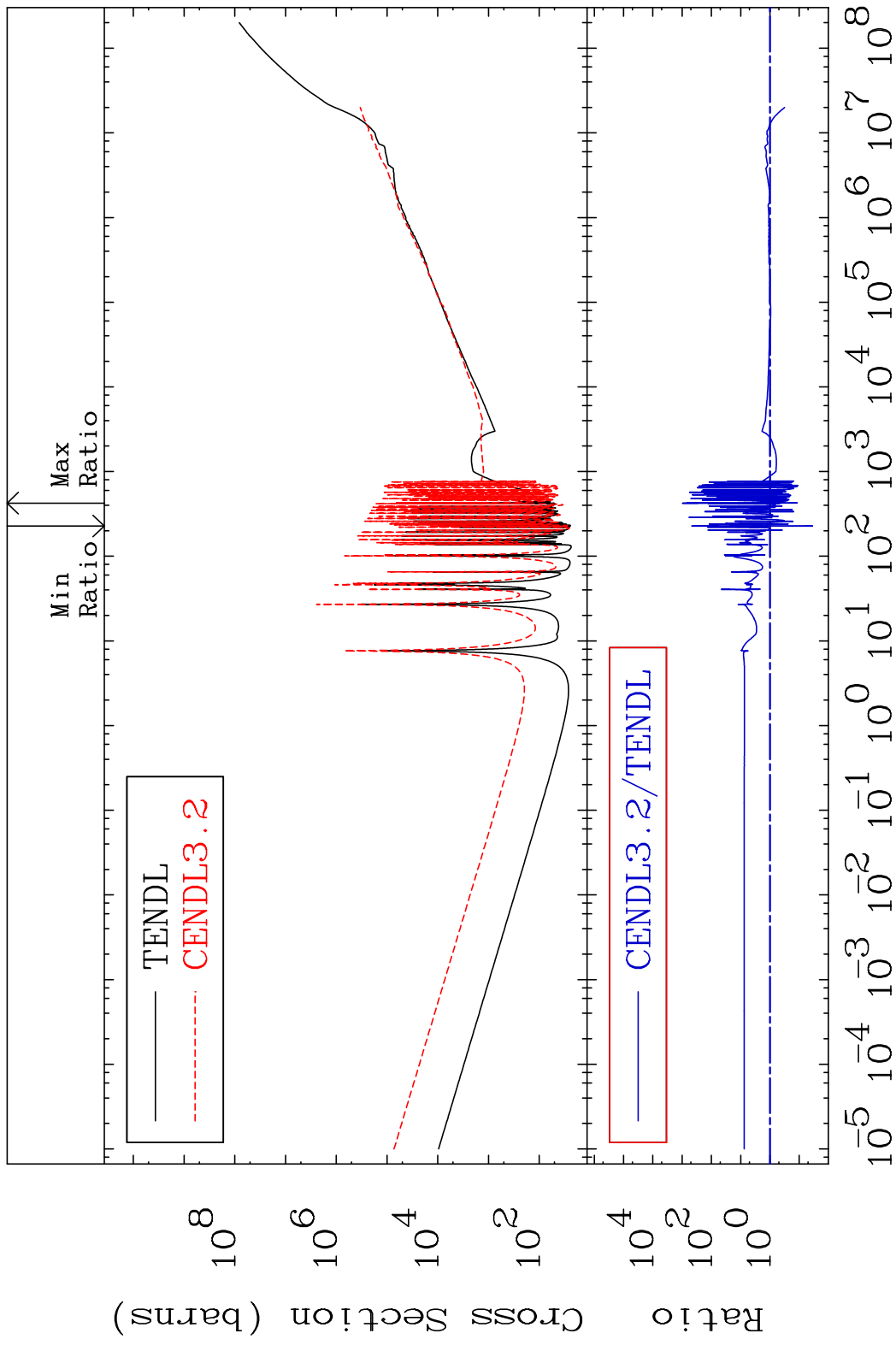
Incident Energy (eV) 74-W -183

MAT 7434 Total photon (eV-barns) 74-W -183
Cross Section -99.66 To 9999. %

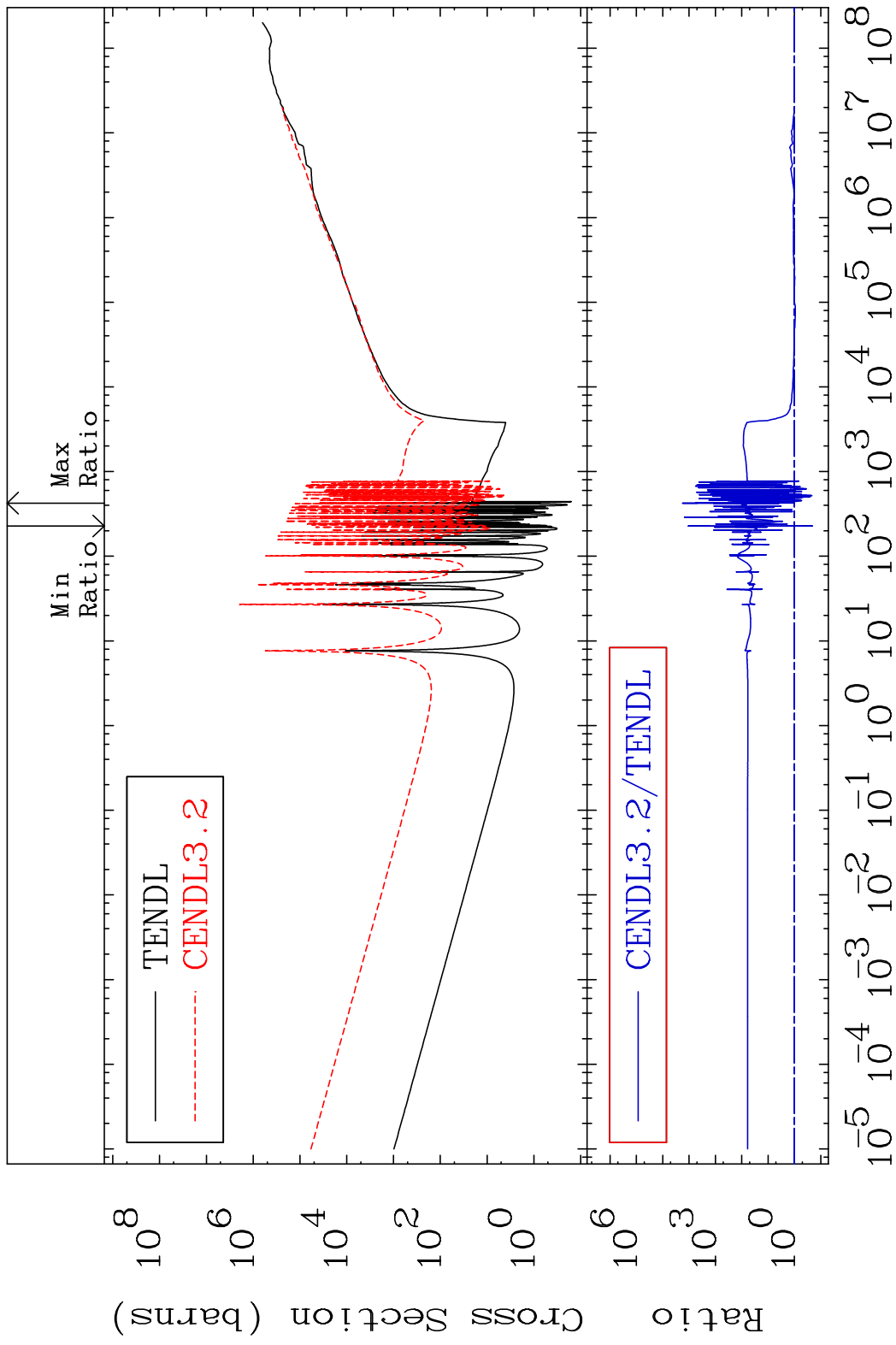


40 Incident Energy (eV) 74-W -183

MAT 7434 Total kinematic kerma (high limit) 74-W -183
 Cross Section -96.50 To 9999. %



MAT 7434 Dpa total (eV-barns) 74-W -183
 Cross Section -79.53 To 9999. %



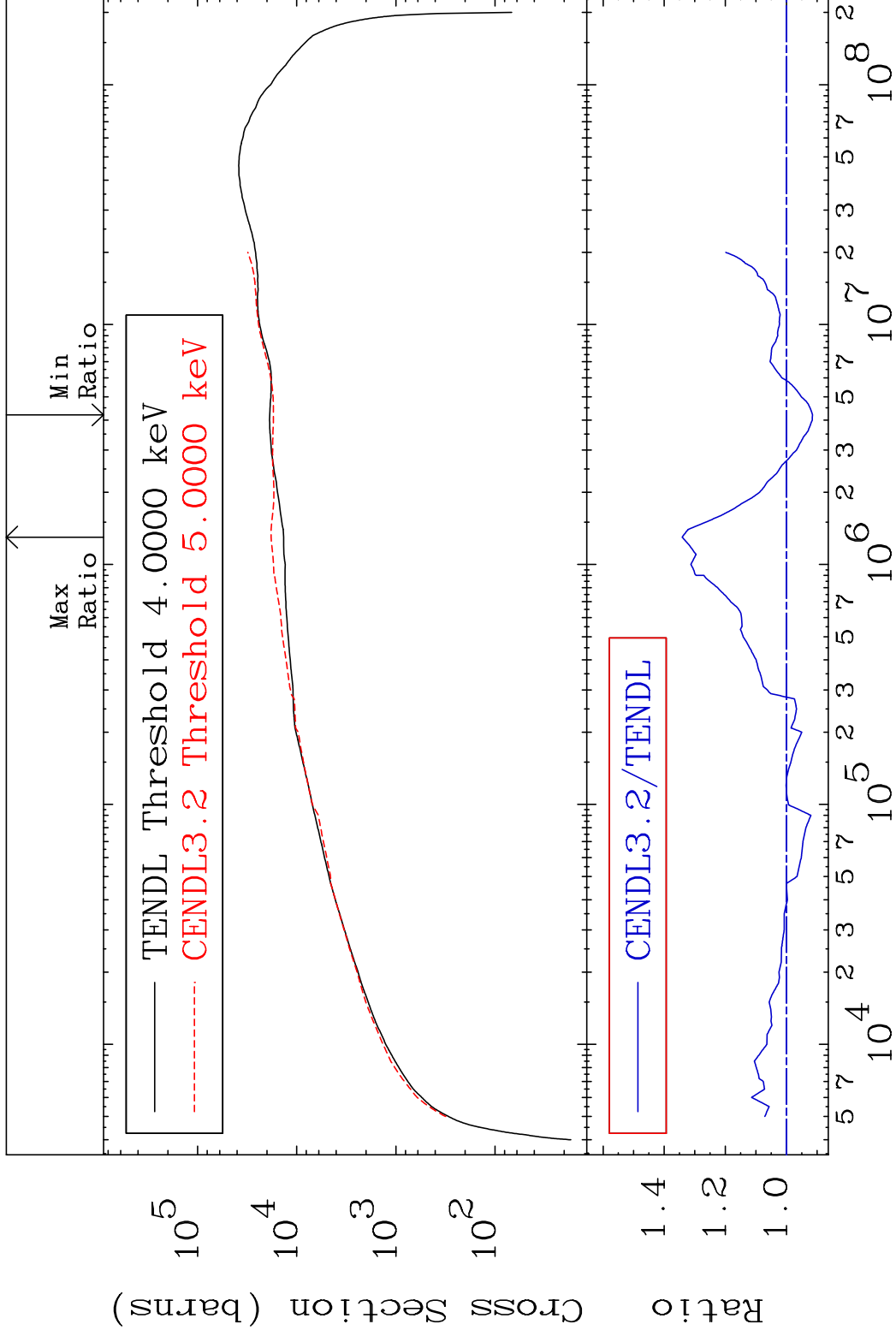
MAT 7434

Dpa elastic (mt2)

74-W -183

Cross Section

-8.474 To 34.15 %

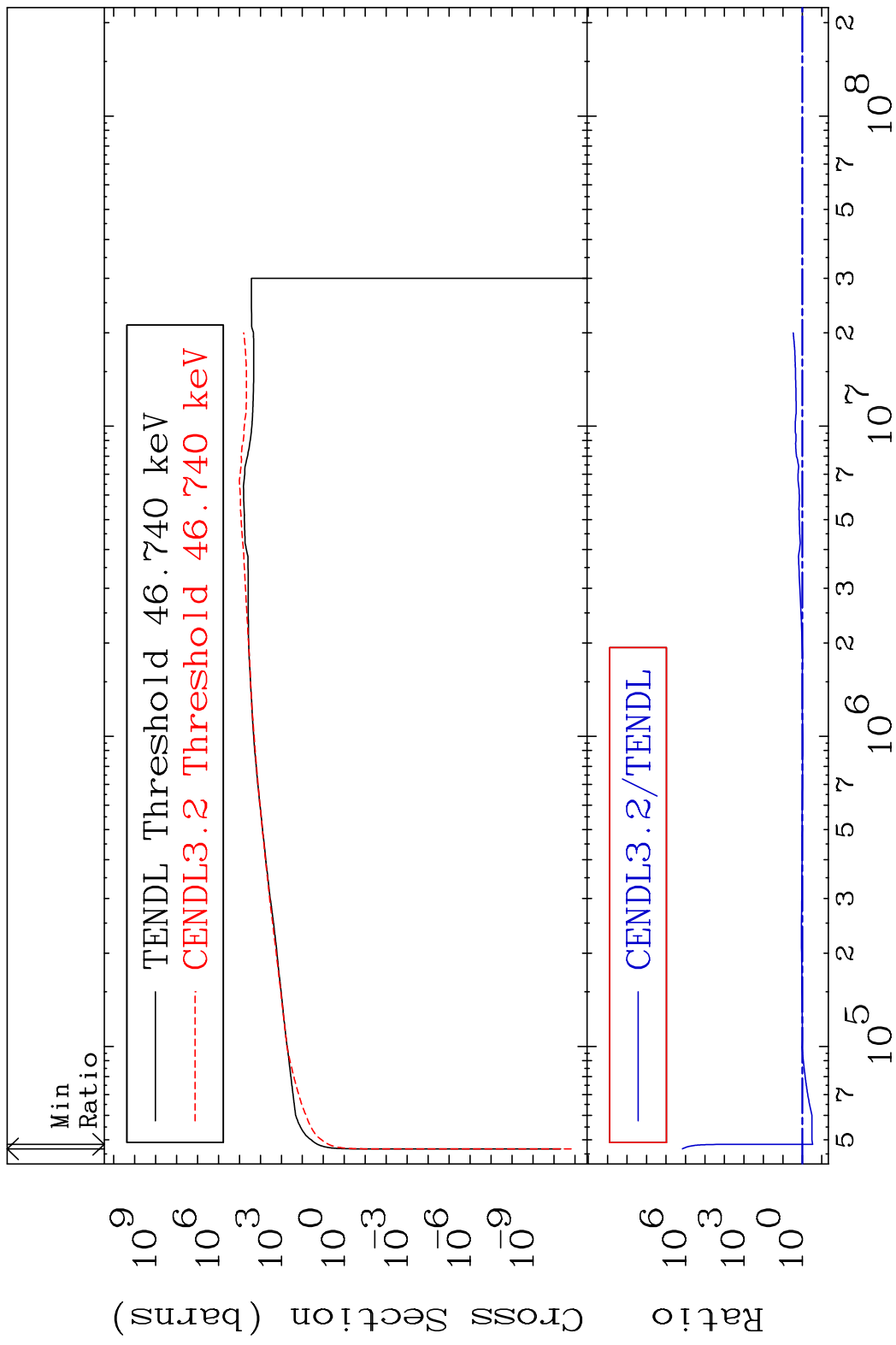


43

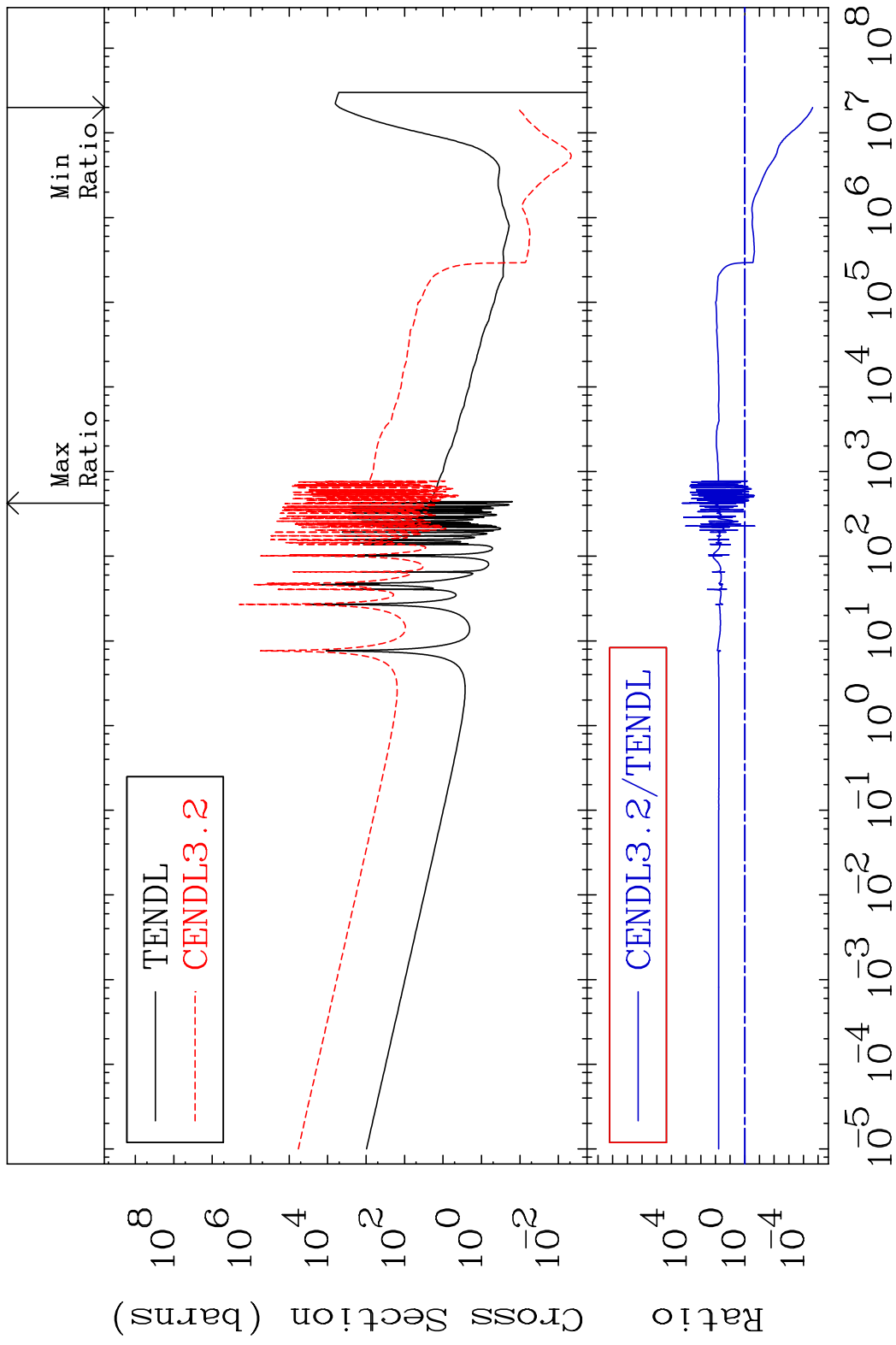
Incident Energy (eV)

74-W -183

MAT 7434 Dpa inelastic (mt51-91) 74-W -183
 Cross Section -70.16 To 9999. %



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

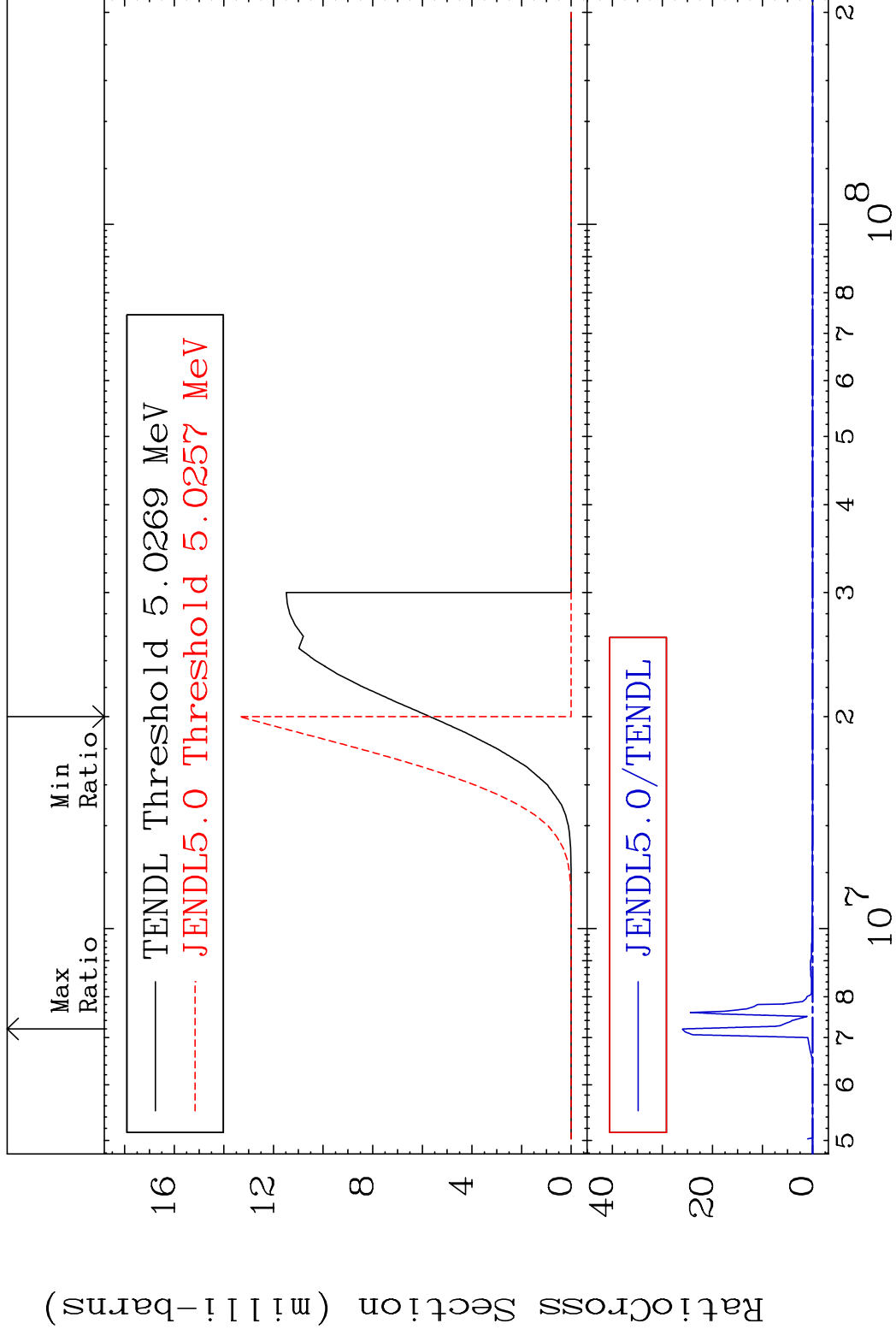


MAT 7434

(n, d)

74-W -183

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

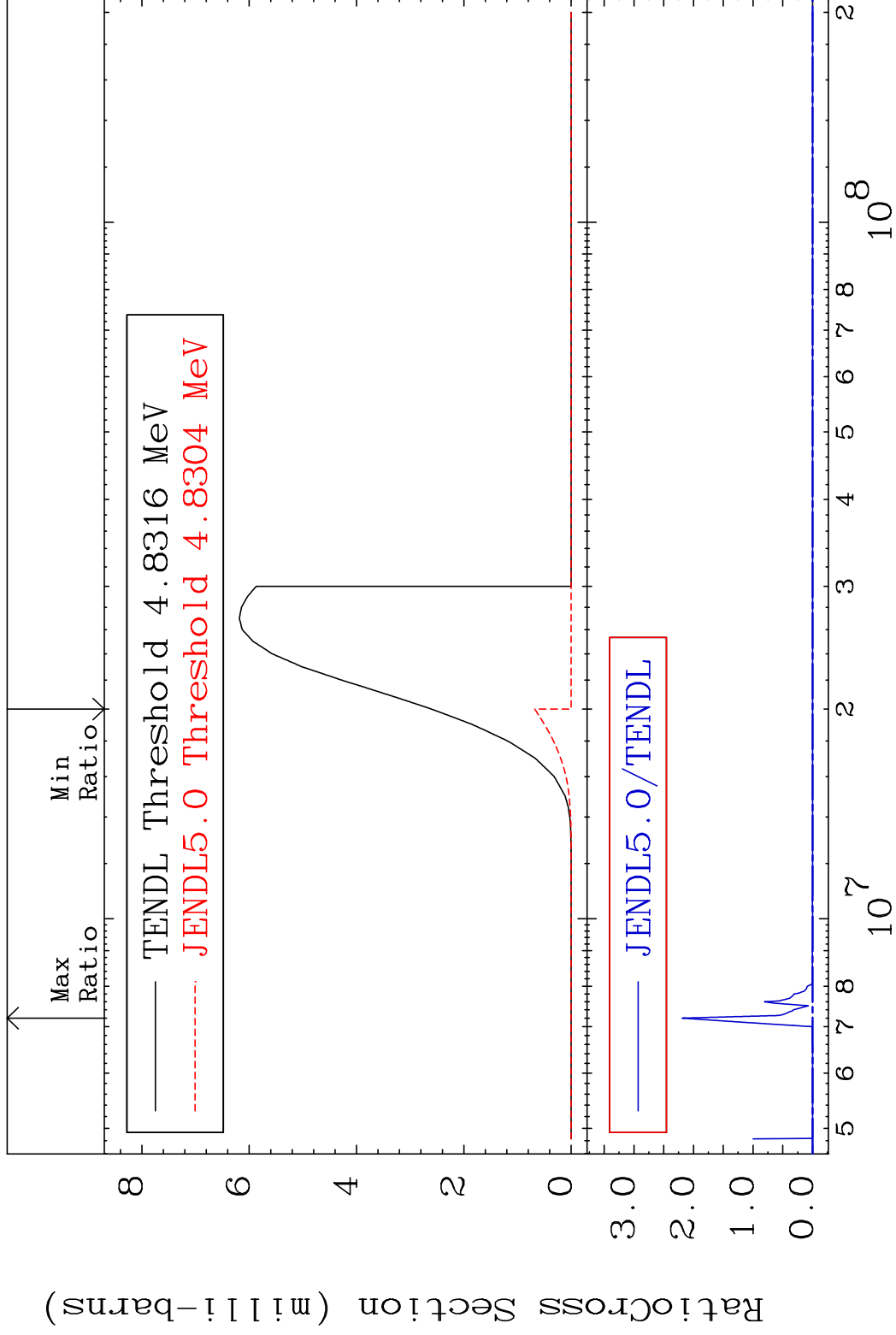
74-W -183

MAT 7434

(n, t)

74-W -183

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

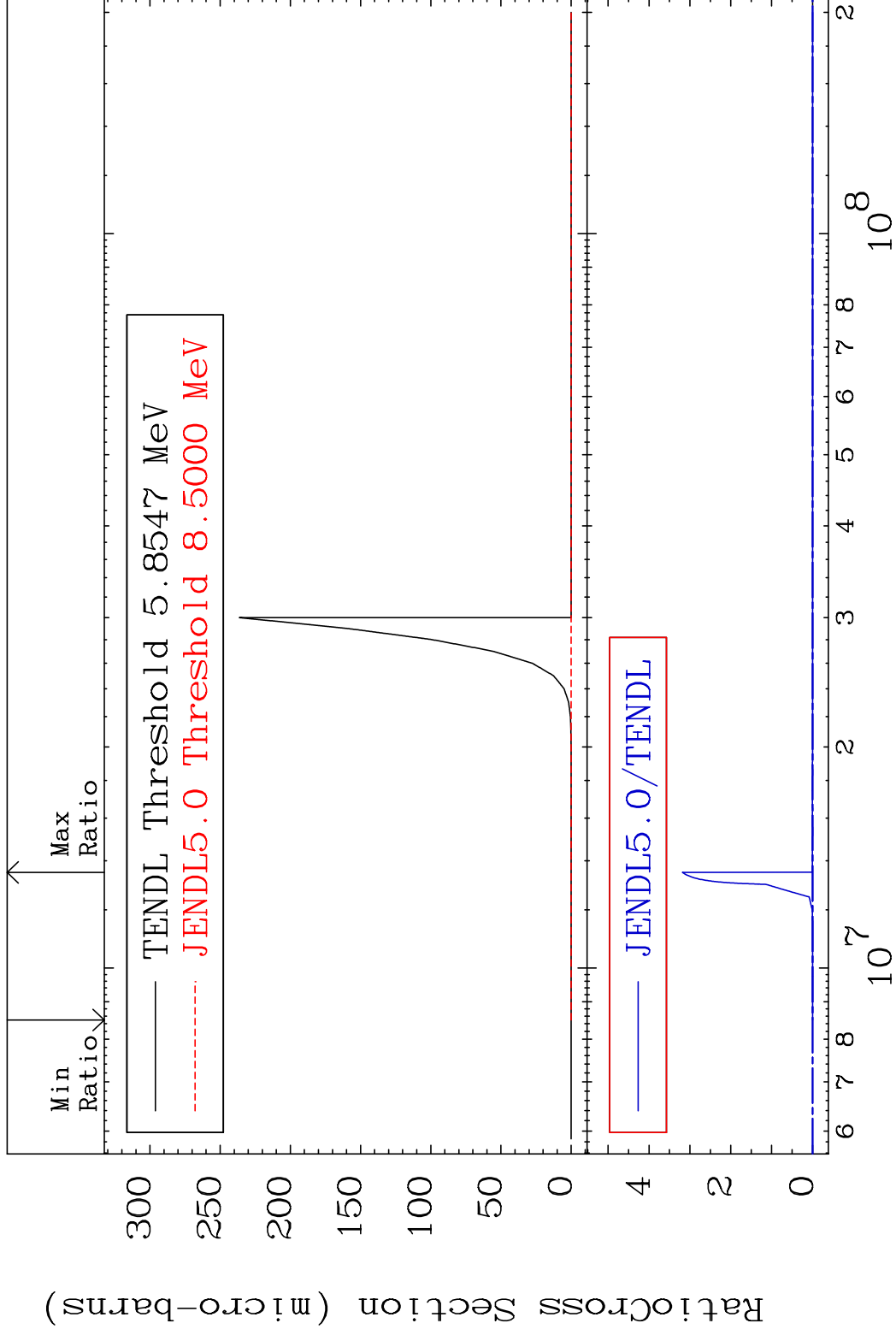
74-W -183

MAT 7434

(n, He-3)

74-W -183

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

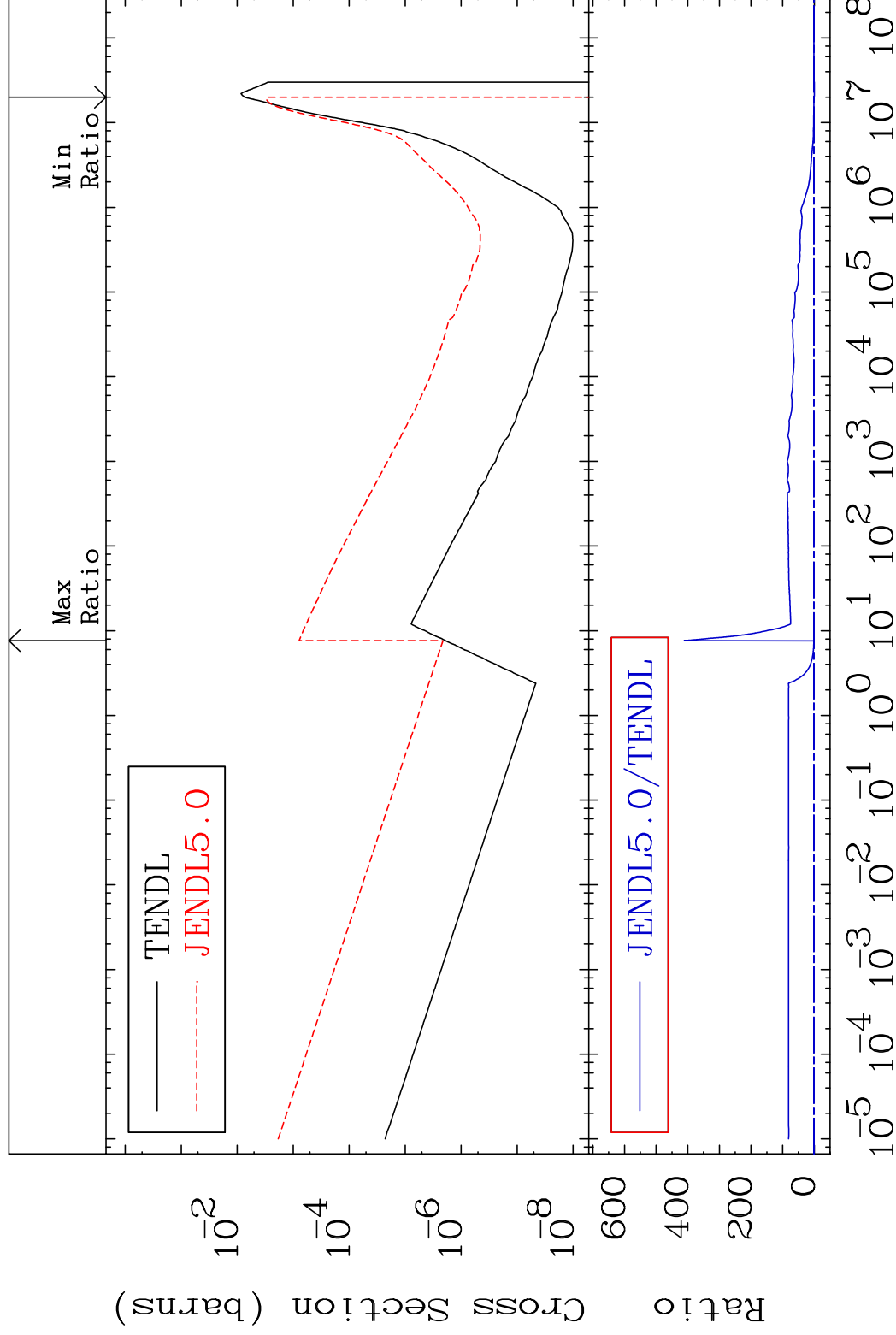
74-W -183

MAT 7434

74-W -183

(n, α)

Cross Section -100.0 To 9999. %

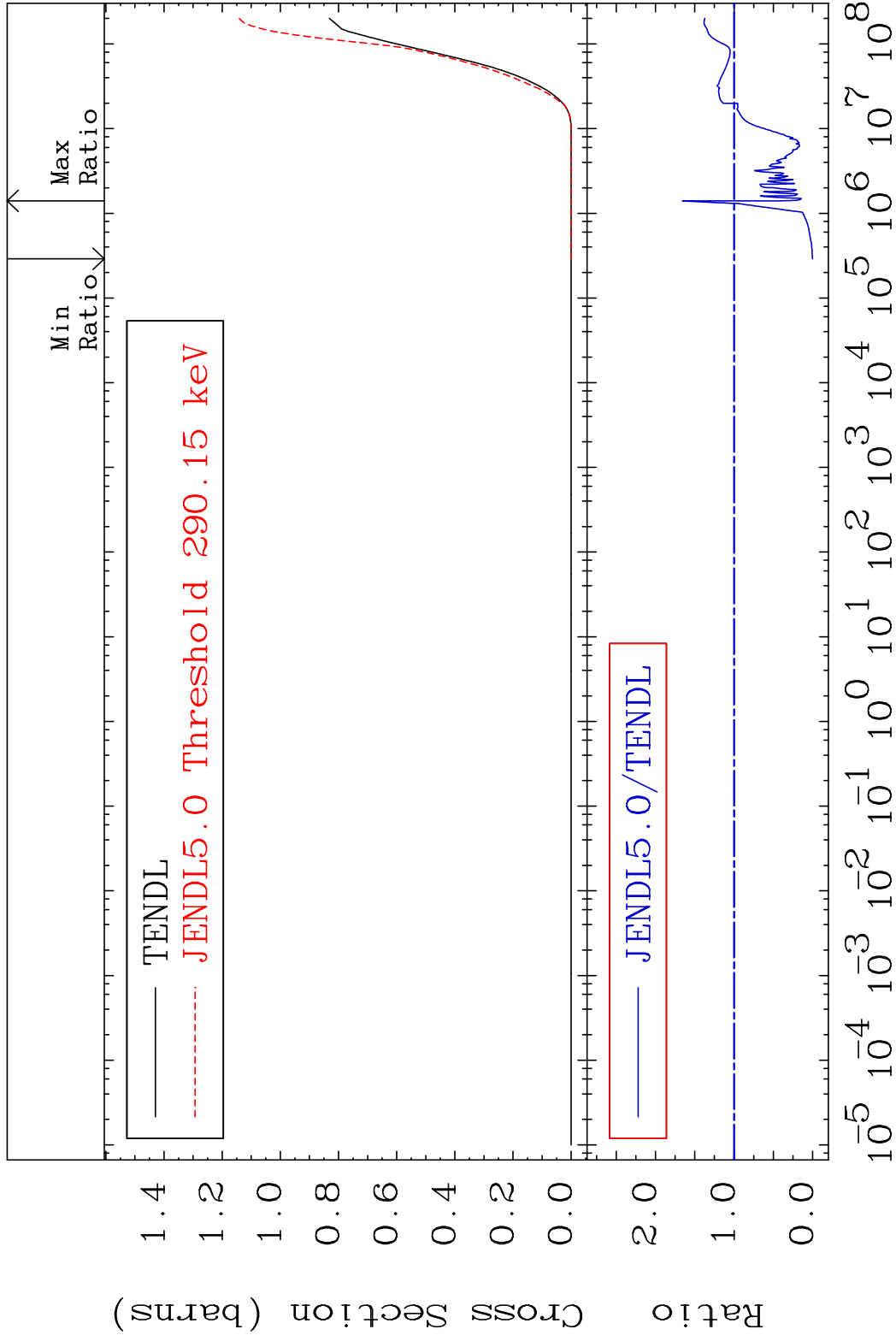


49

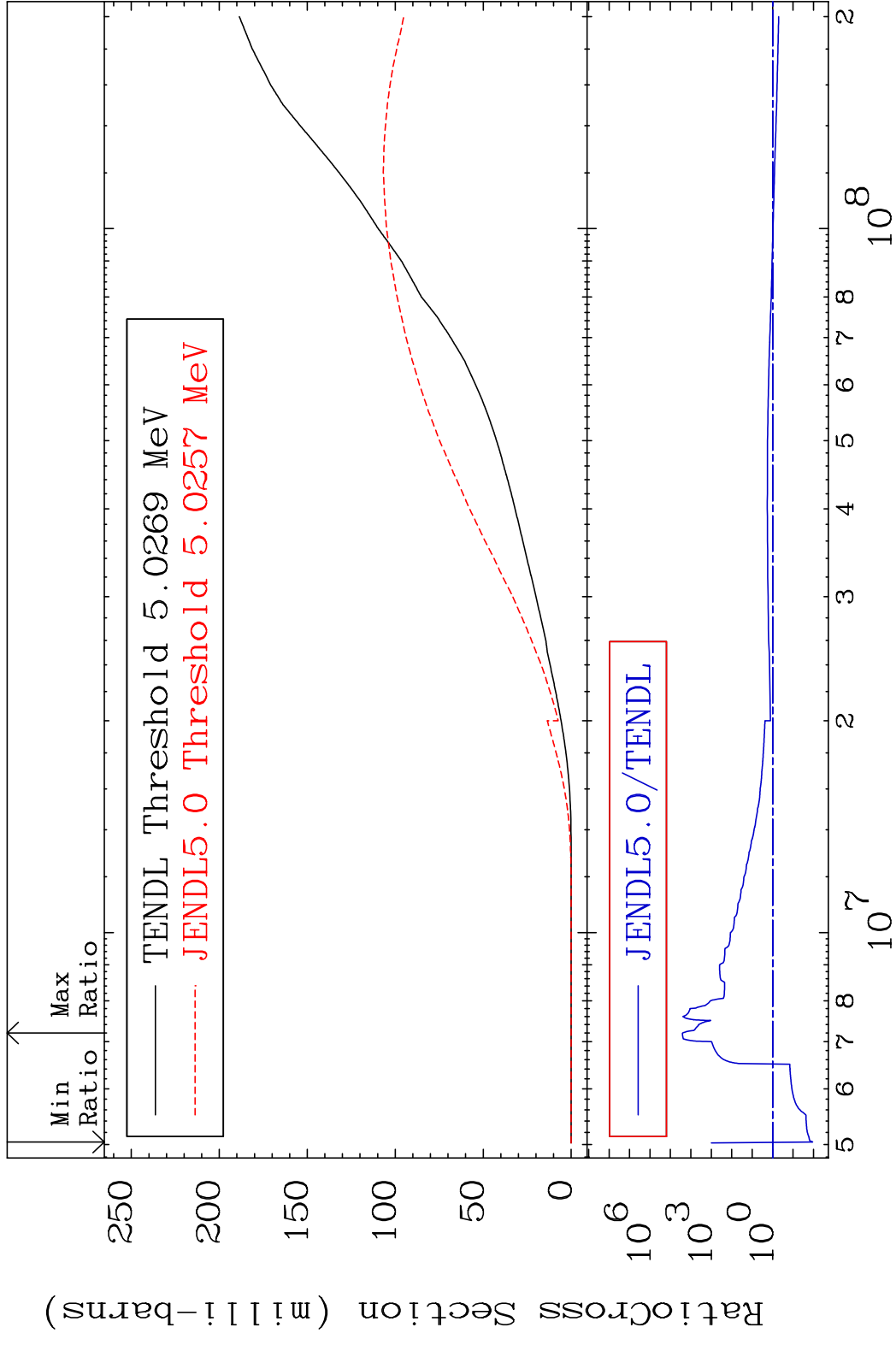
Incident Energy (eV)

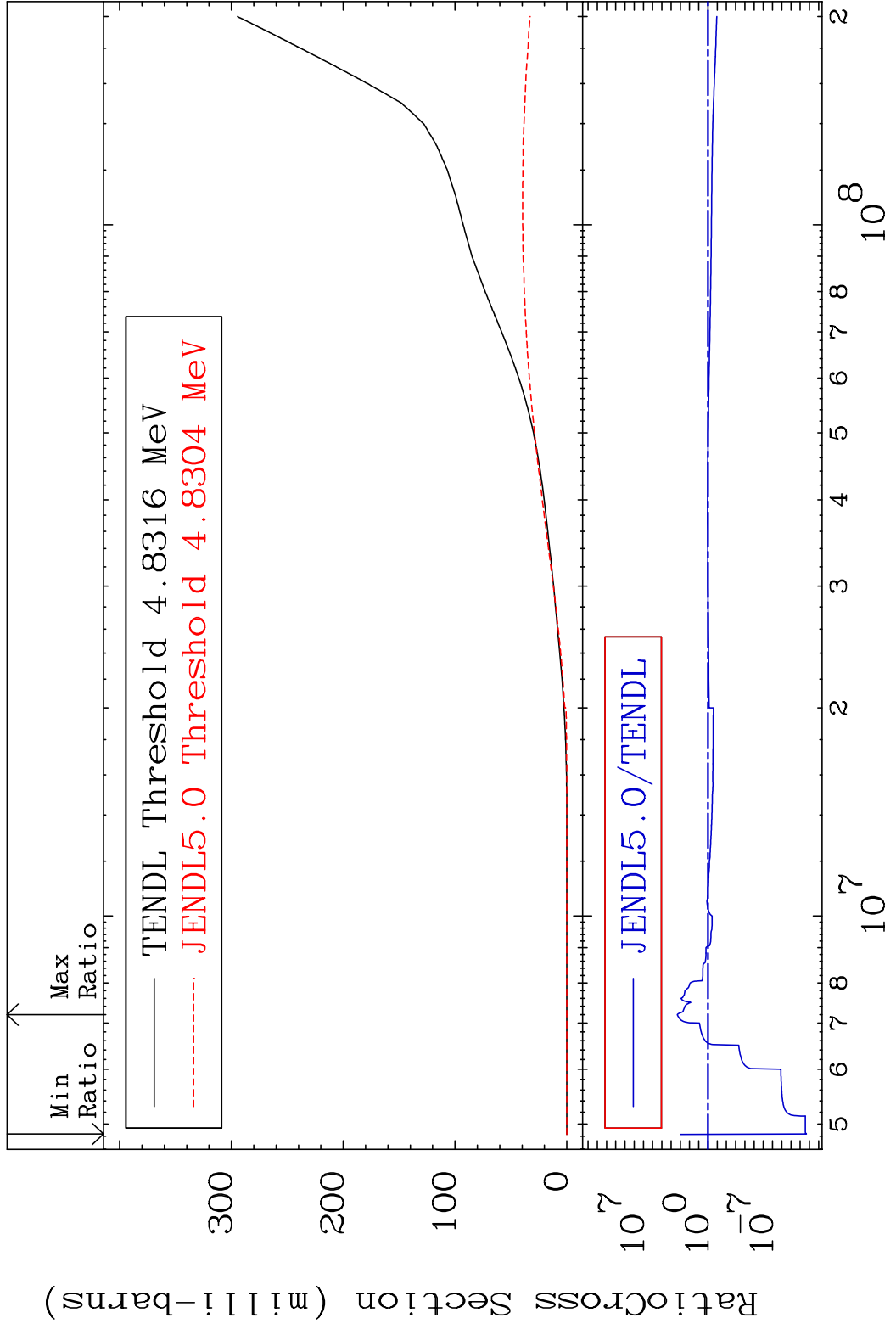
74-W -183

Cross Section -100.0 To 65.84 %

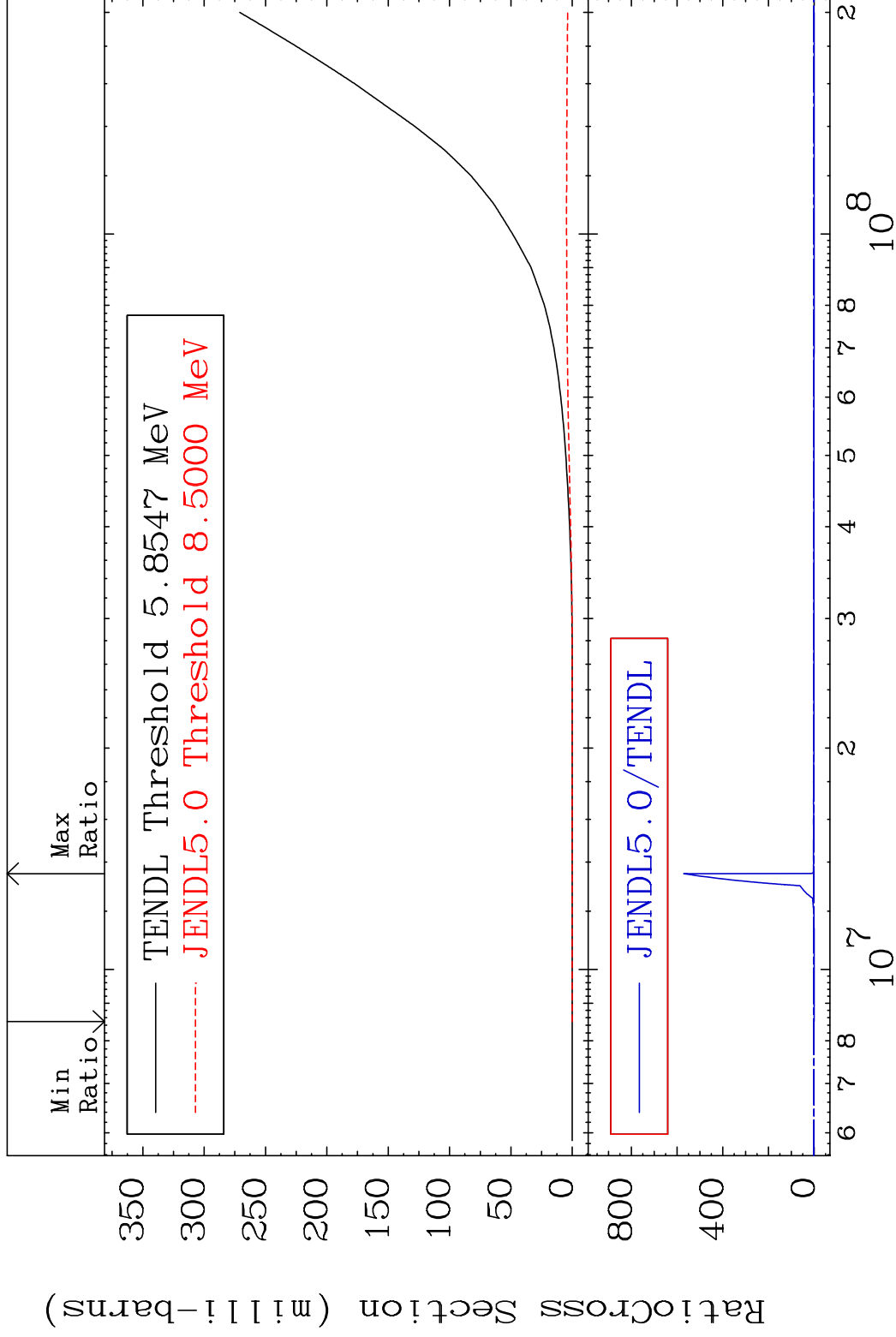


Cross Section -98.89 To 9999. %





Cross Section -100.0 To 9999. %

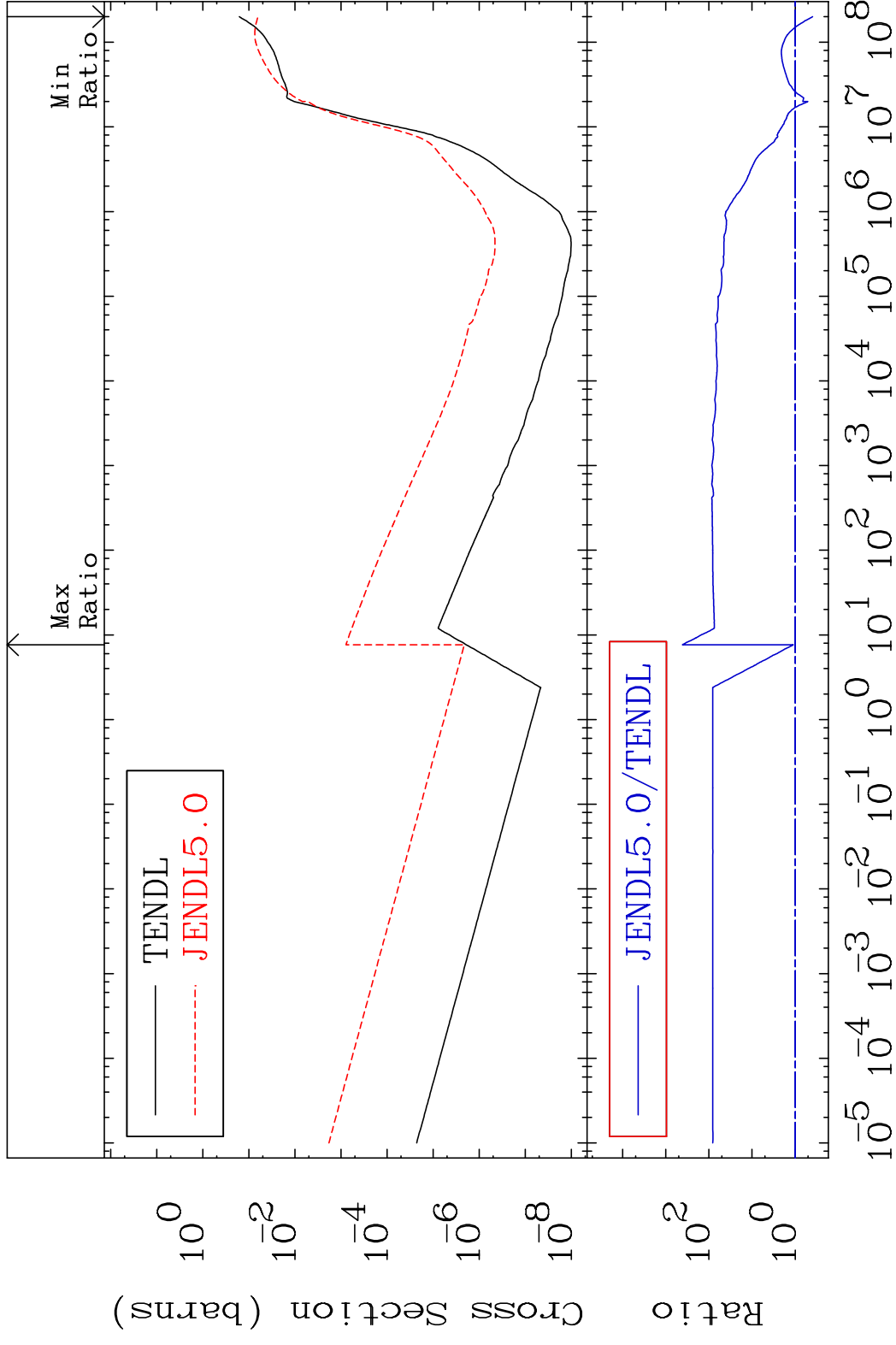


MAT 7434

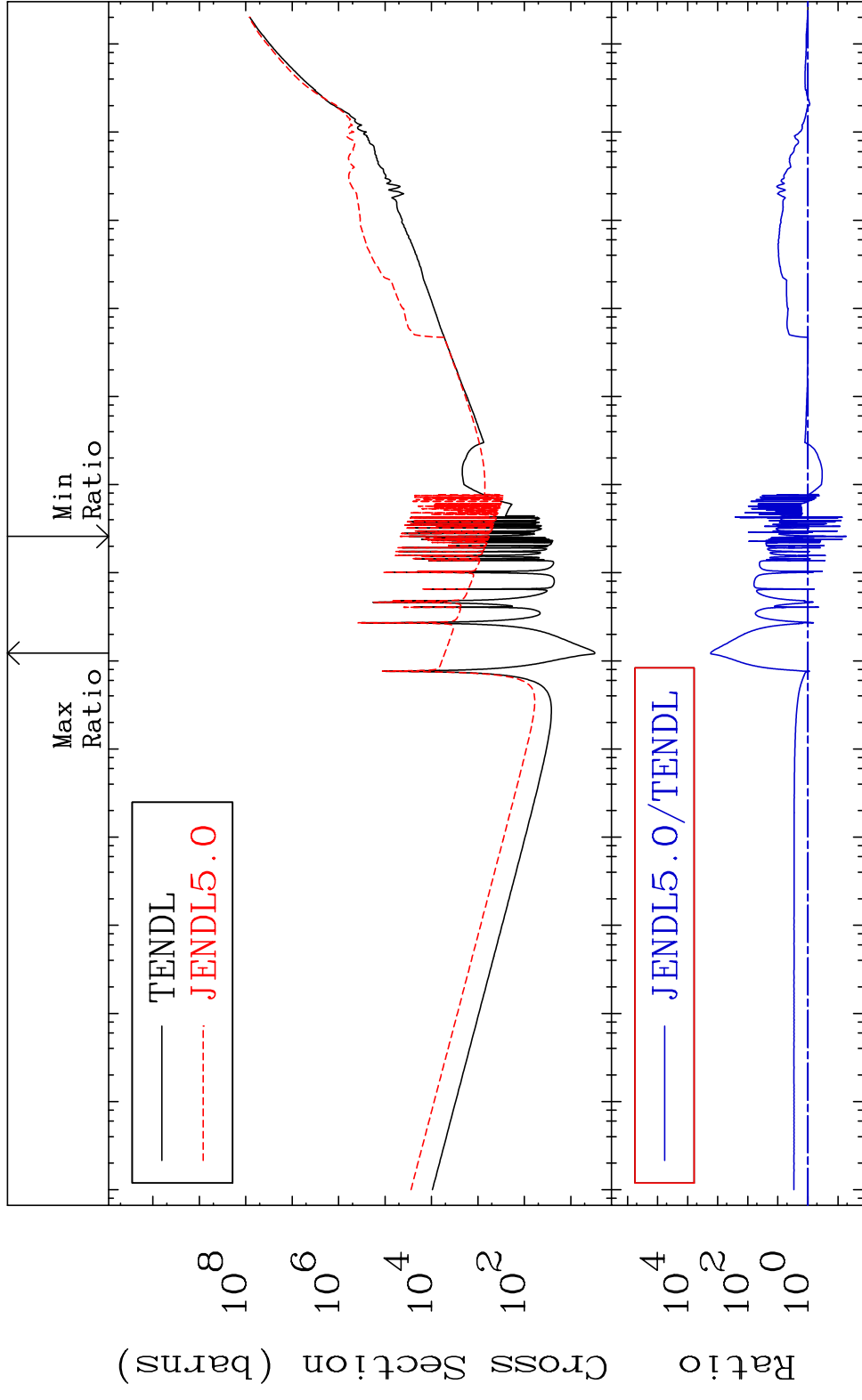
He-4 Production

74-W -183

Cross Section -60.47 To 9999. %

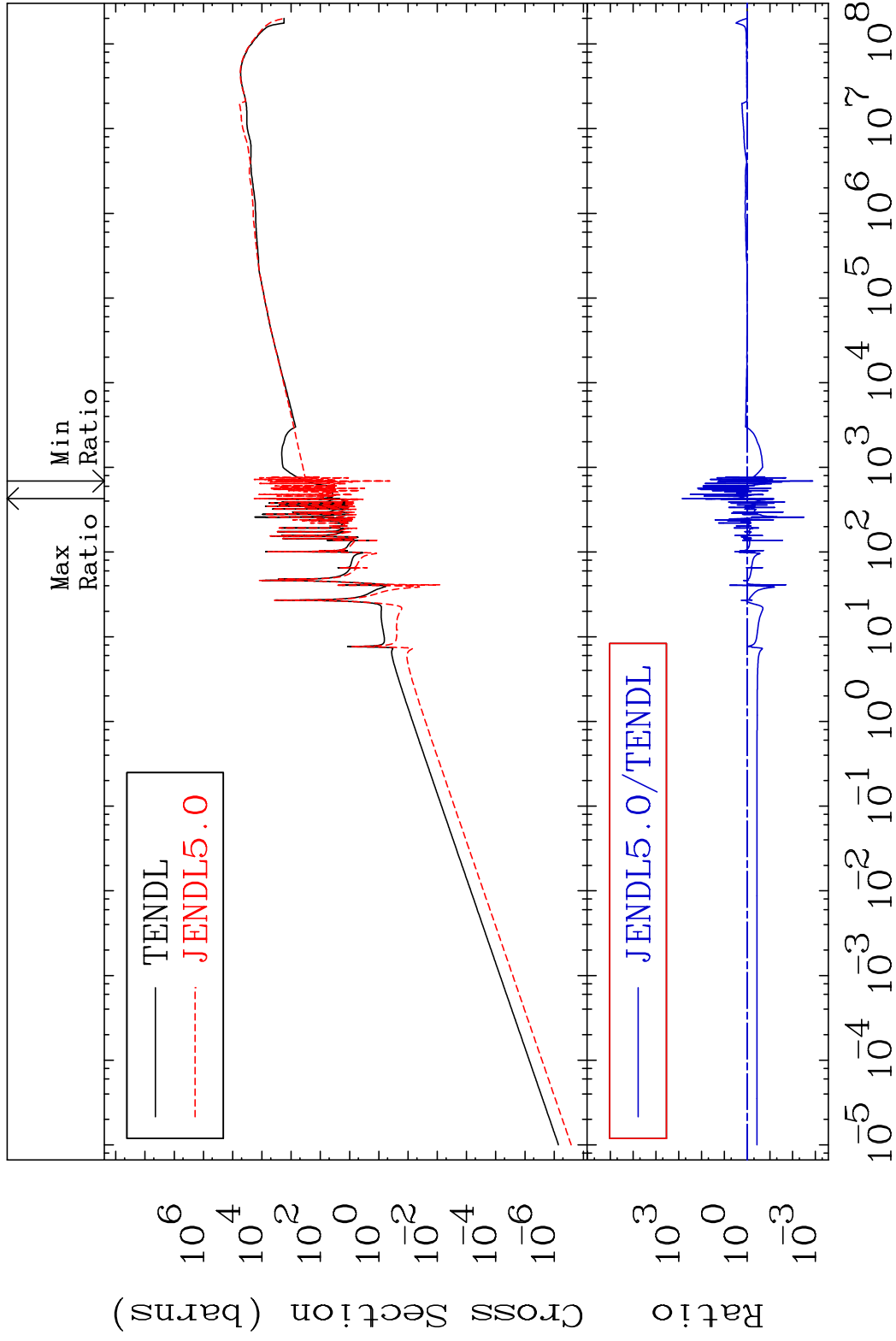


MAT 7434 Kerma total (eV-barns) 74-W -183
 Cross Section -94.73 To 9999. %



MAT 7434

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

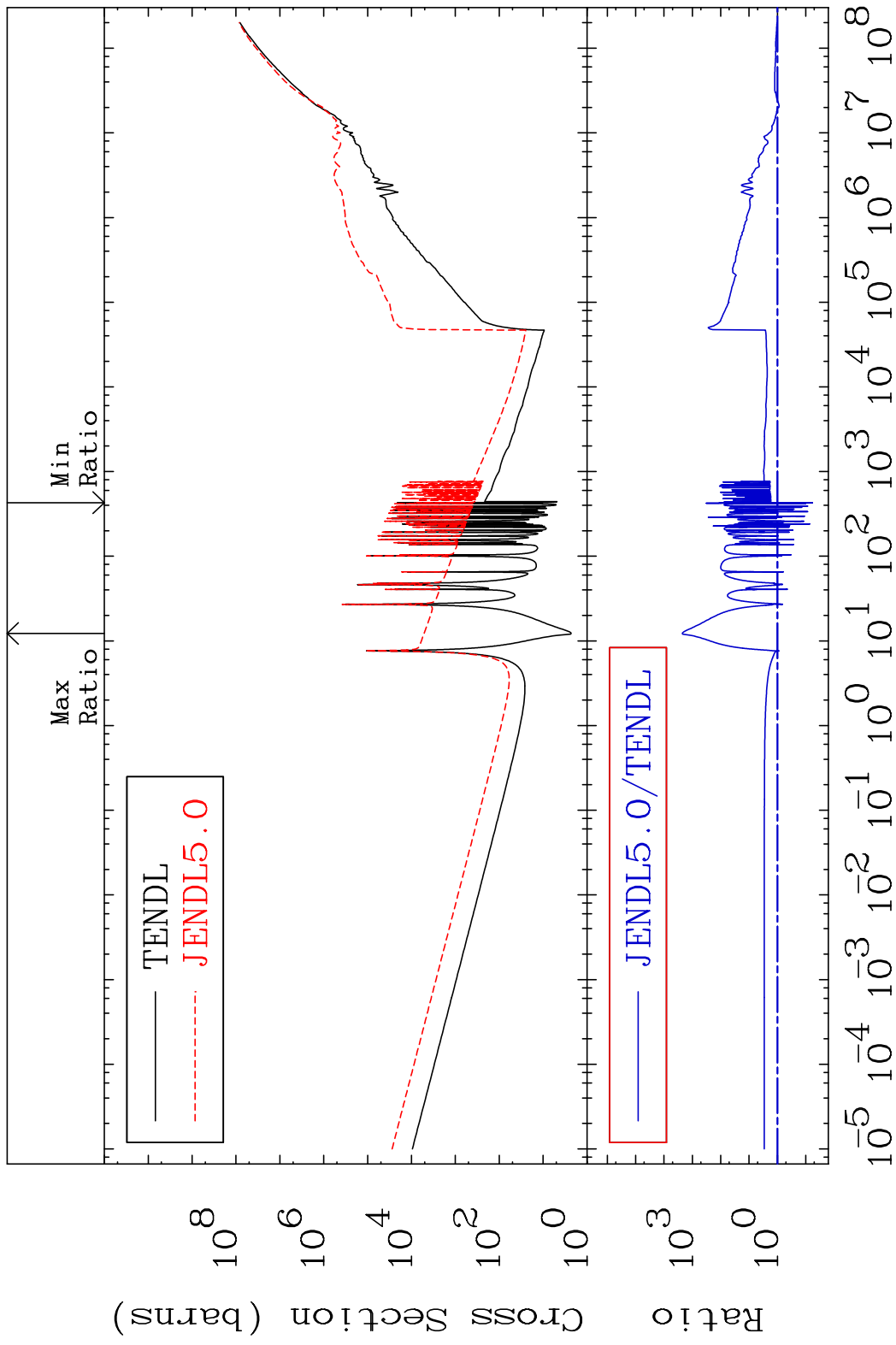


56

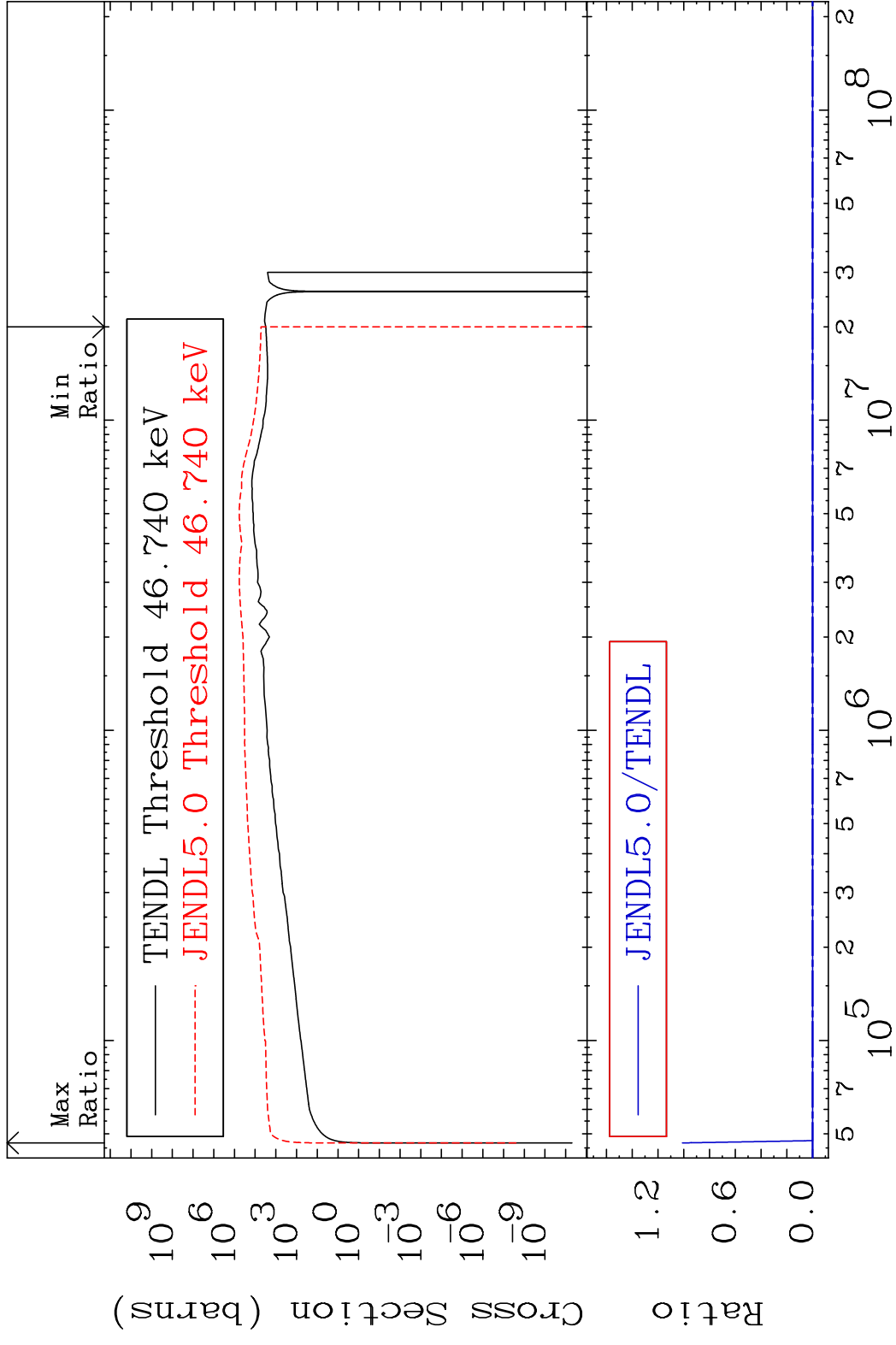
Incident Energy (eV)

74-W -183

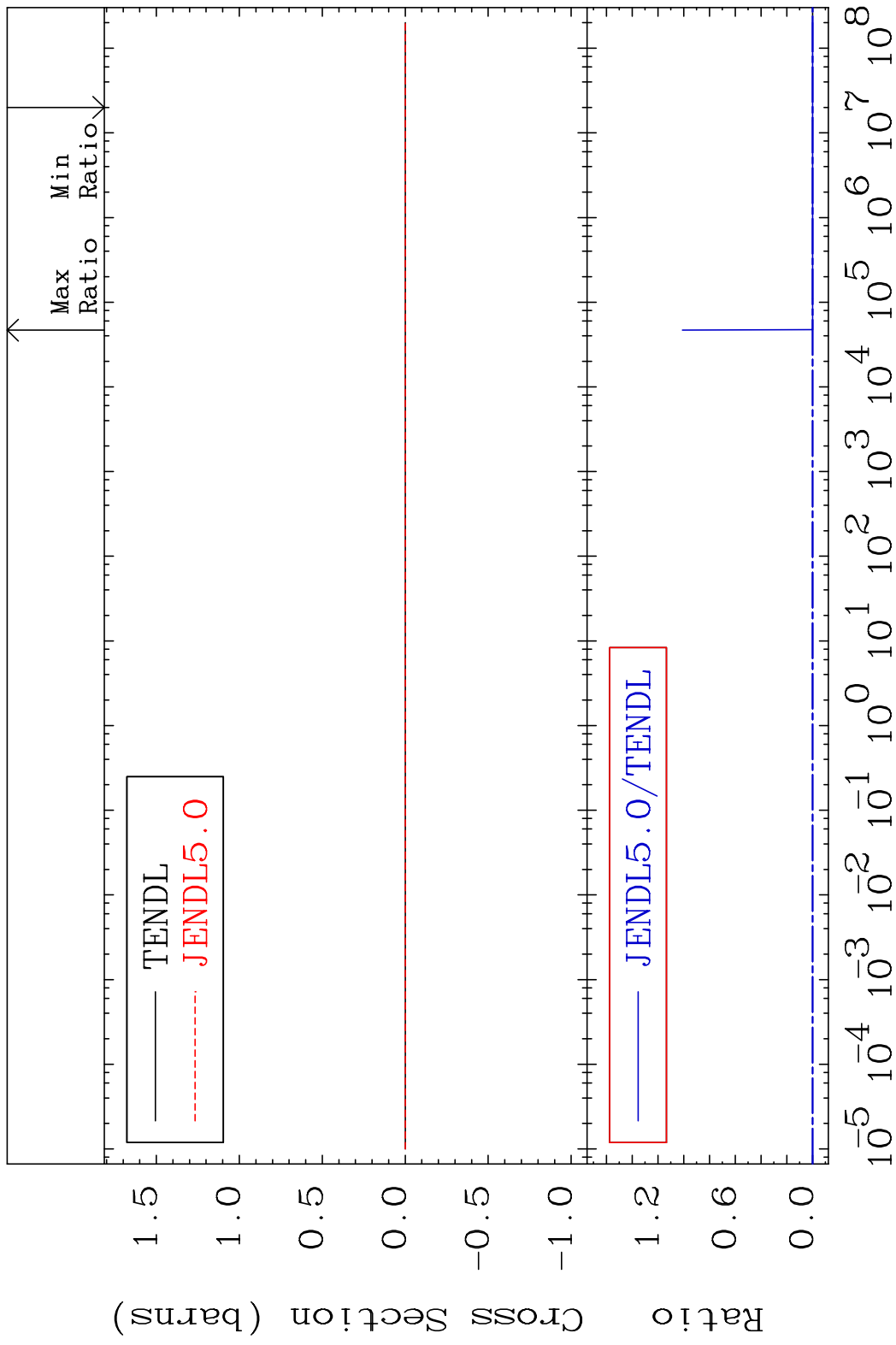
MAT 7434 Kerma non-elastic (all but mt2) 74-W -183
 Cross Section -94.24 To 9999. %



MAT 7434 Kerma inelastic (mt51-91) 74-W -183
 Cross Section -100.0 To 9999. %



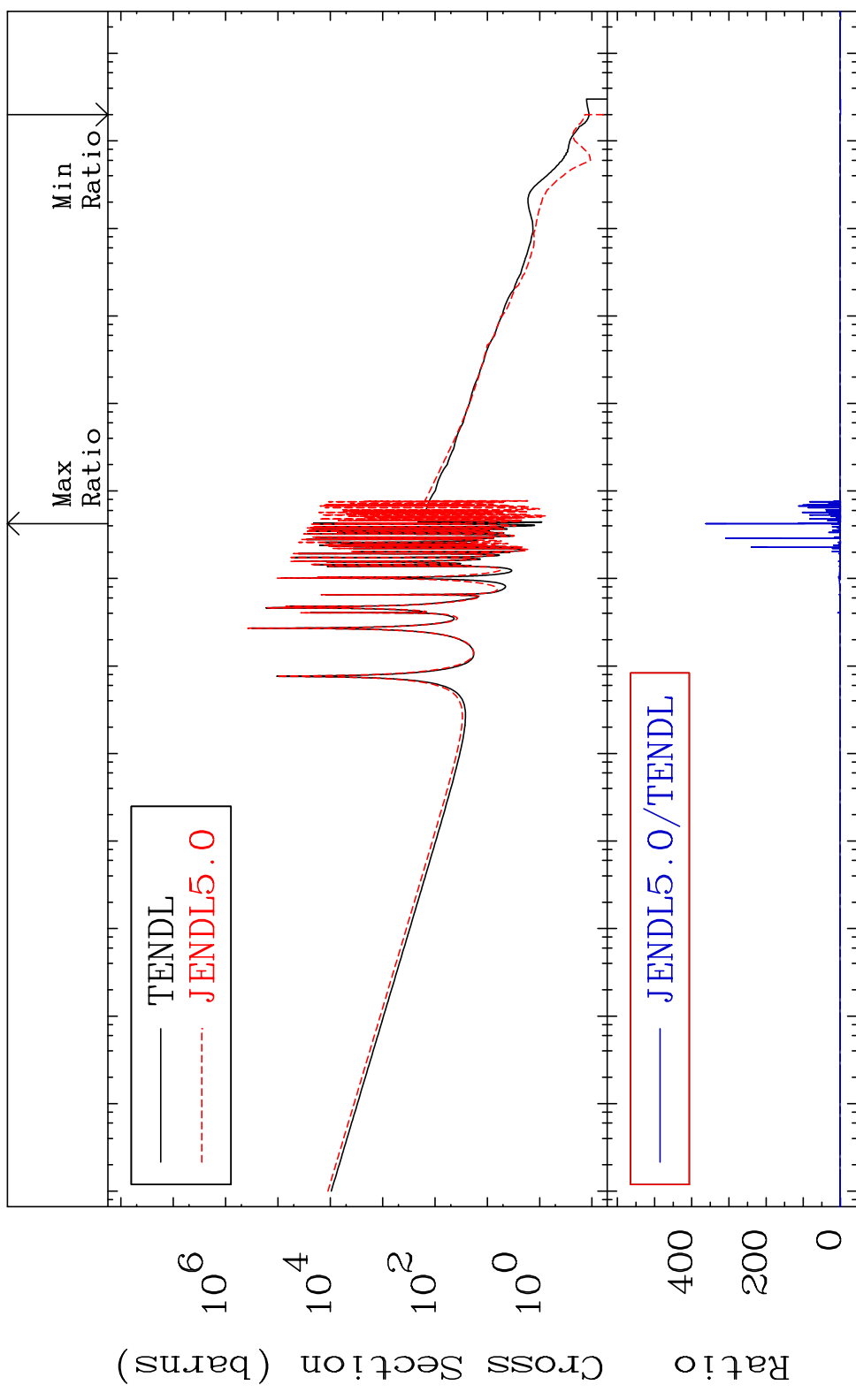
MAT 7434 Kerma fission (mt18 or mt19-20-21-38)74-W -183
 Cross Section -100.0 To 9999. %



MAT 7434

Kerma capture (mt102) 74-W -183

Cross Section -100.0 To 9999. %



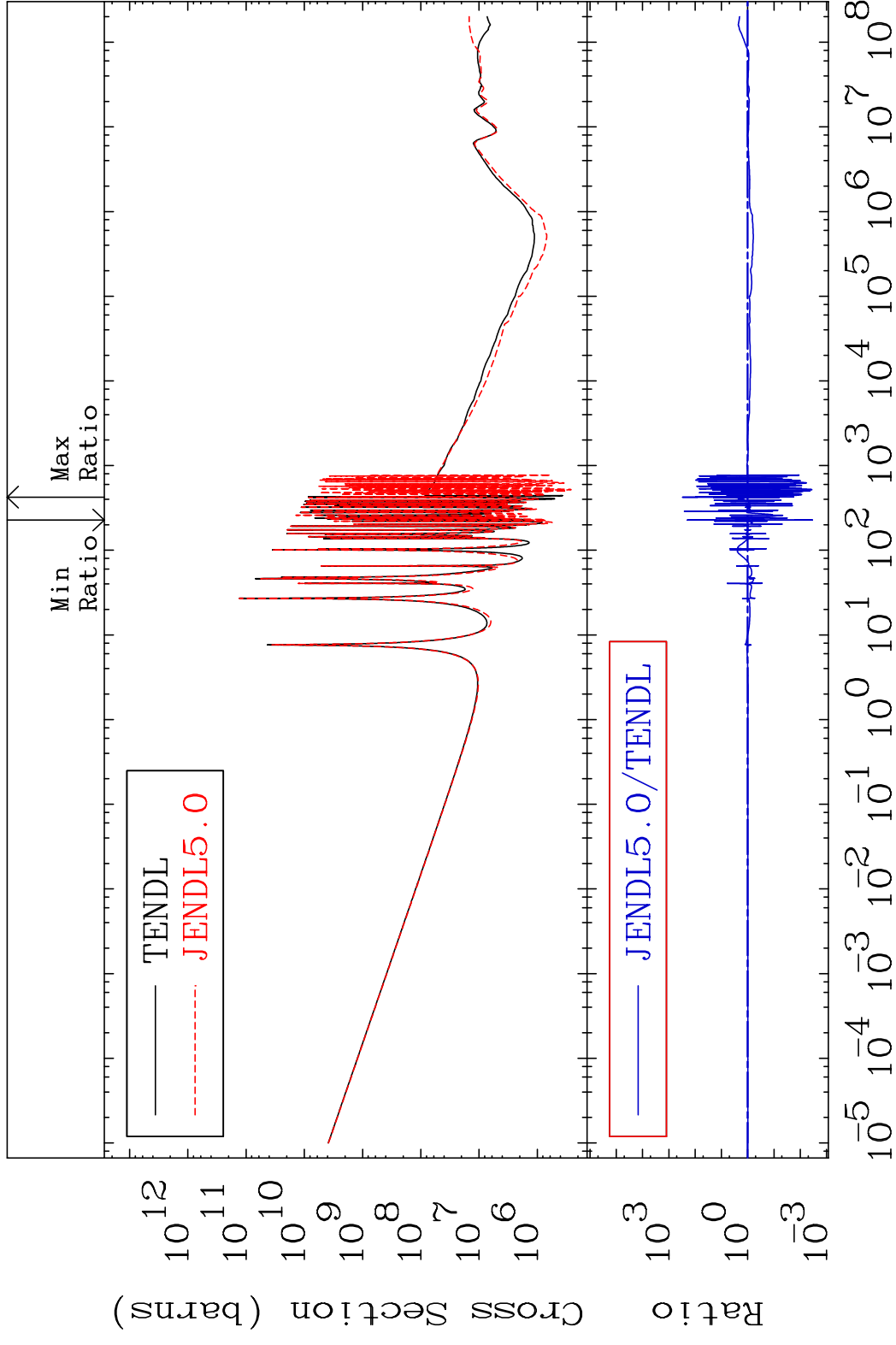
Ratio

60

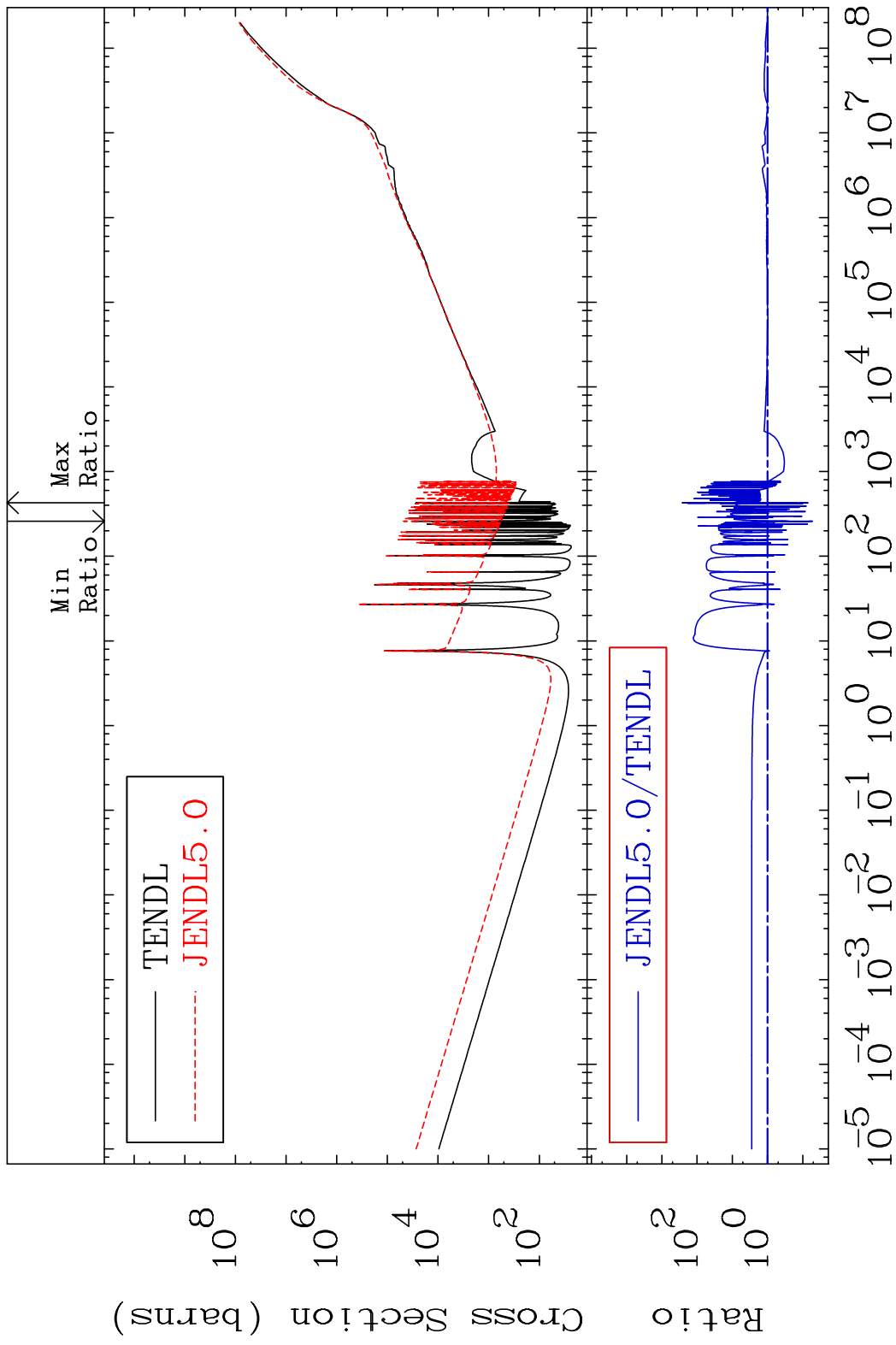
Incident Energy (eV)

74-W -183

MAT 7434 Total photon (eV-barns) 74-W -183
 Cross Section -99.66 To 9999. %



MAT 7434 Total kinematic kerma (high limit) 74-W -183
 Cross Section -94.74 To 9999. %

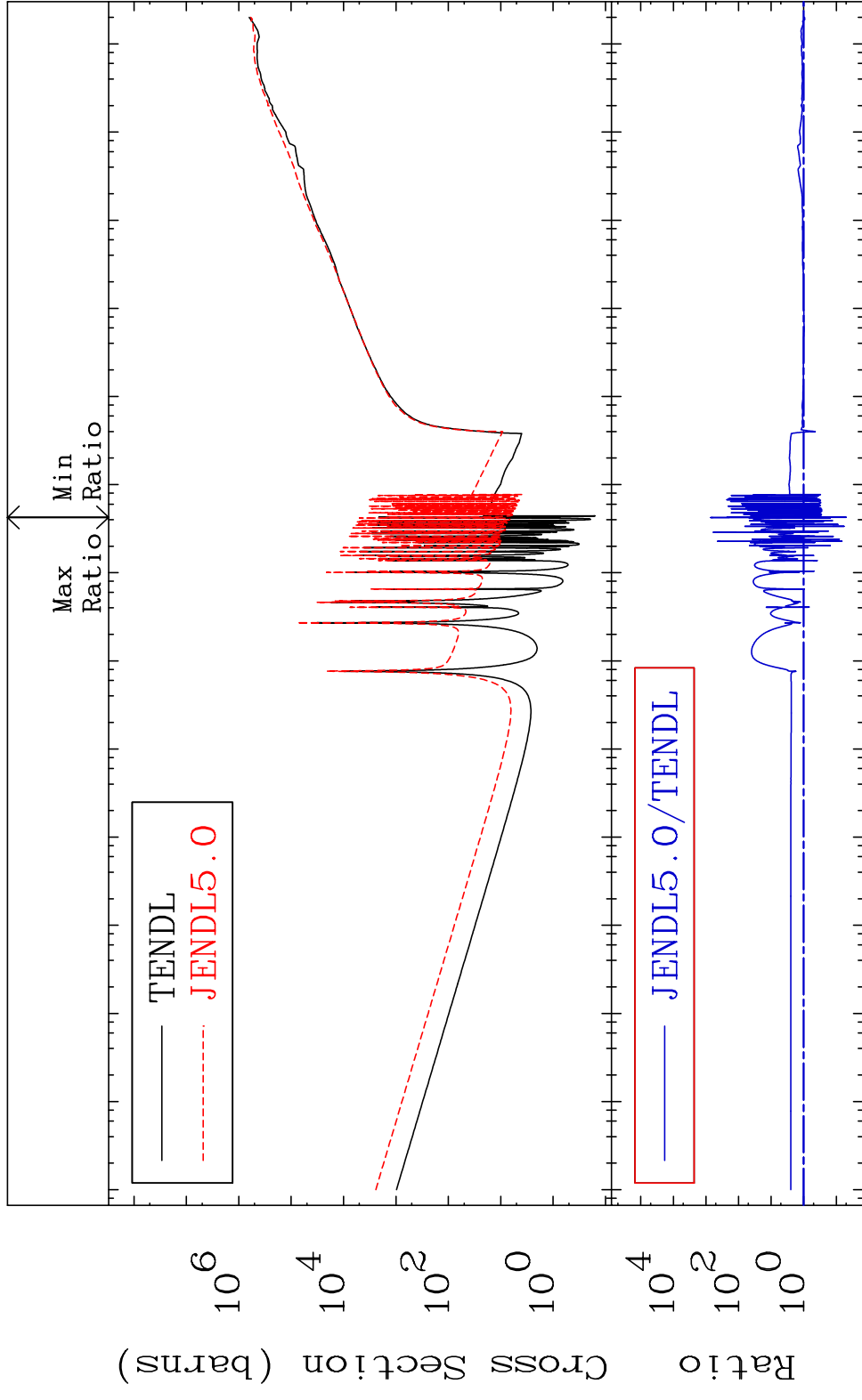


MAT 7434

Dpa total (eV-barns)

74-W -183

Cross Section -95.08 To 9999. %



63

Incident Energy (eV)

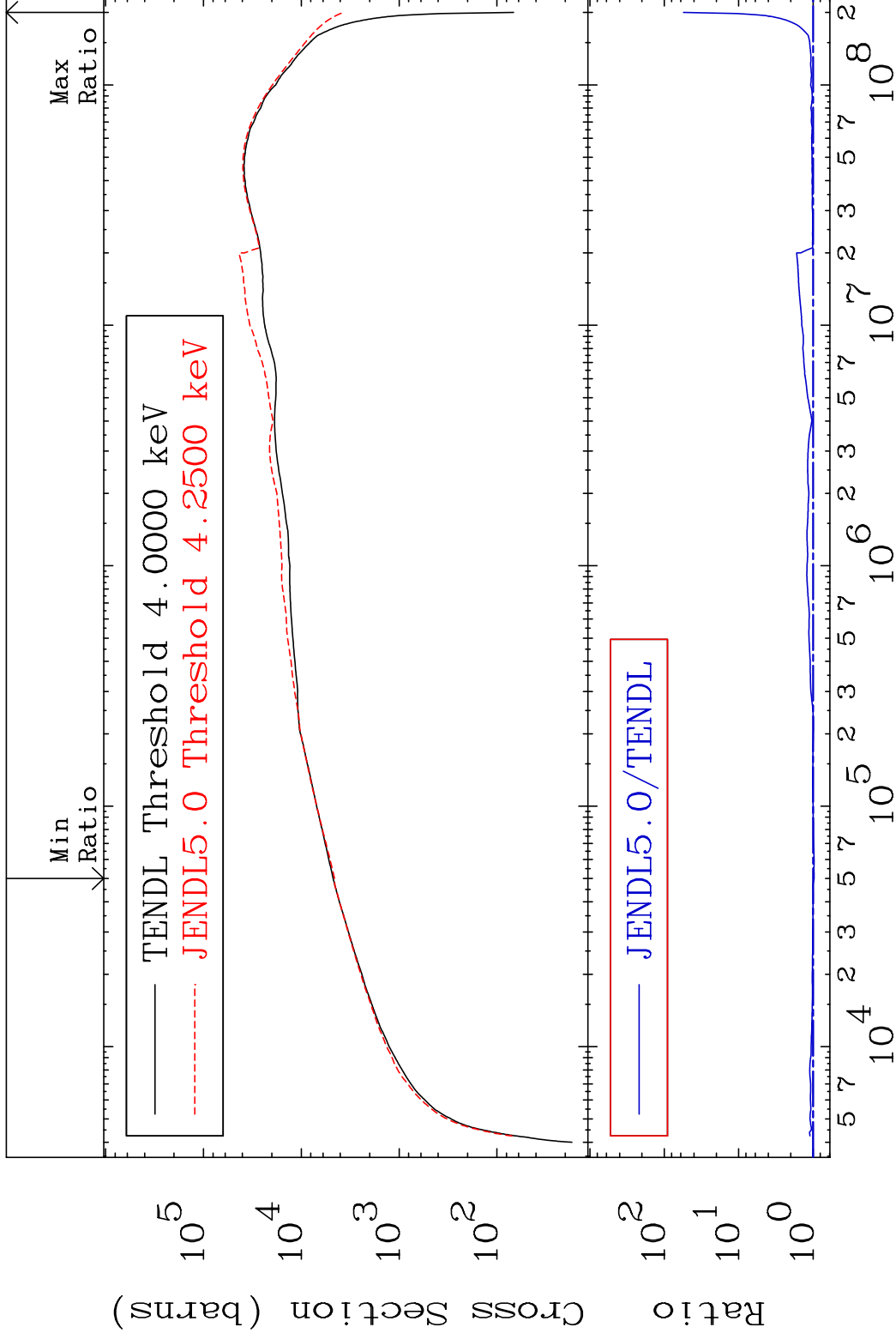
74-W -183

MAT 7434

Dpa elastic (mt2)

74-W -183

Cross Section -2.956 To 5436. %

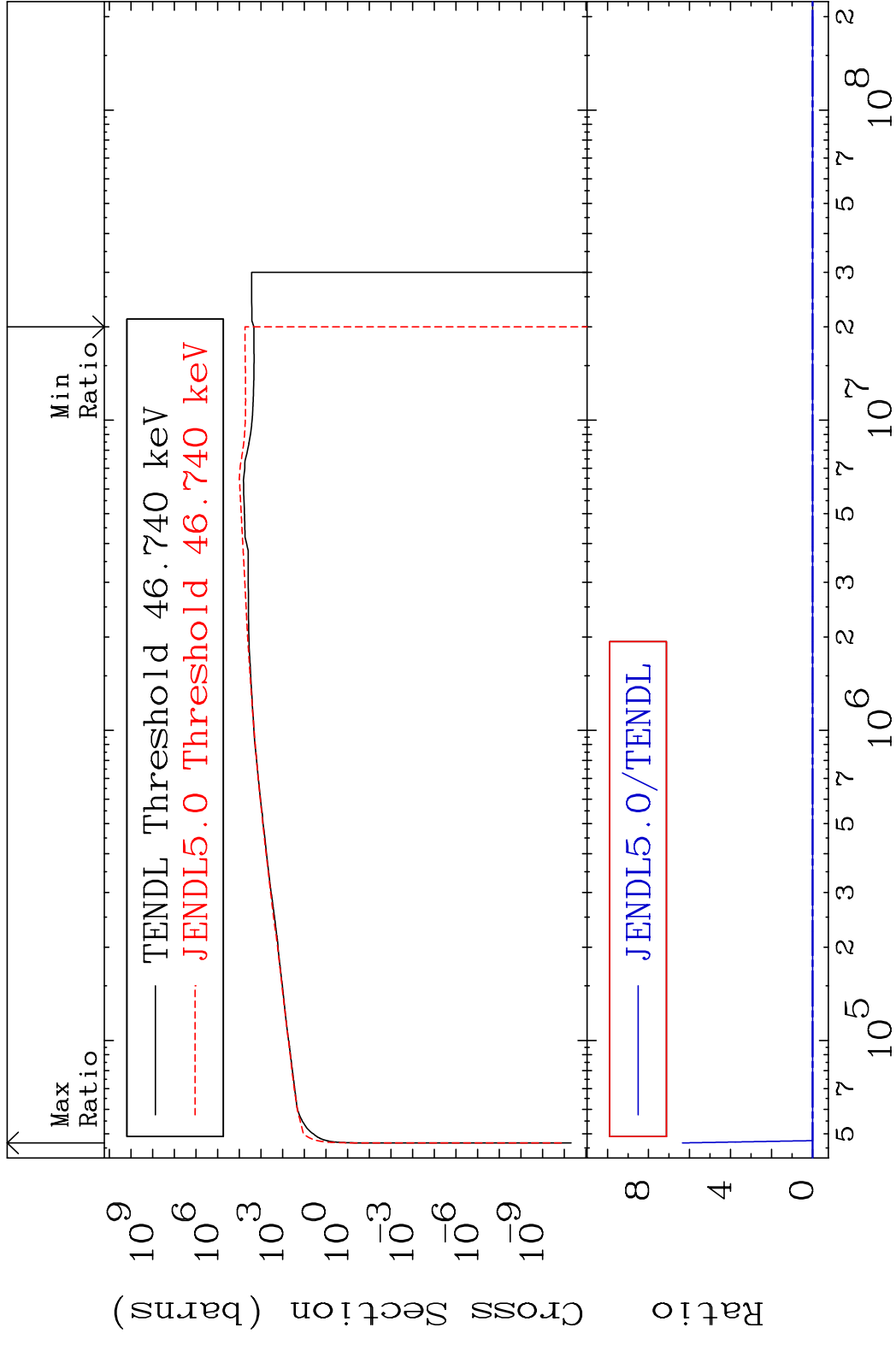


64

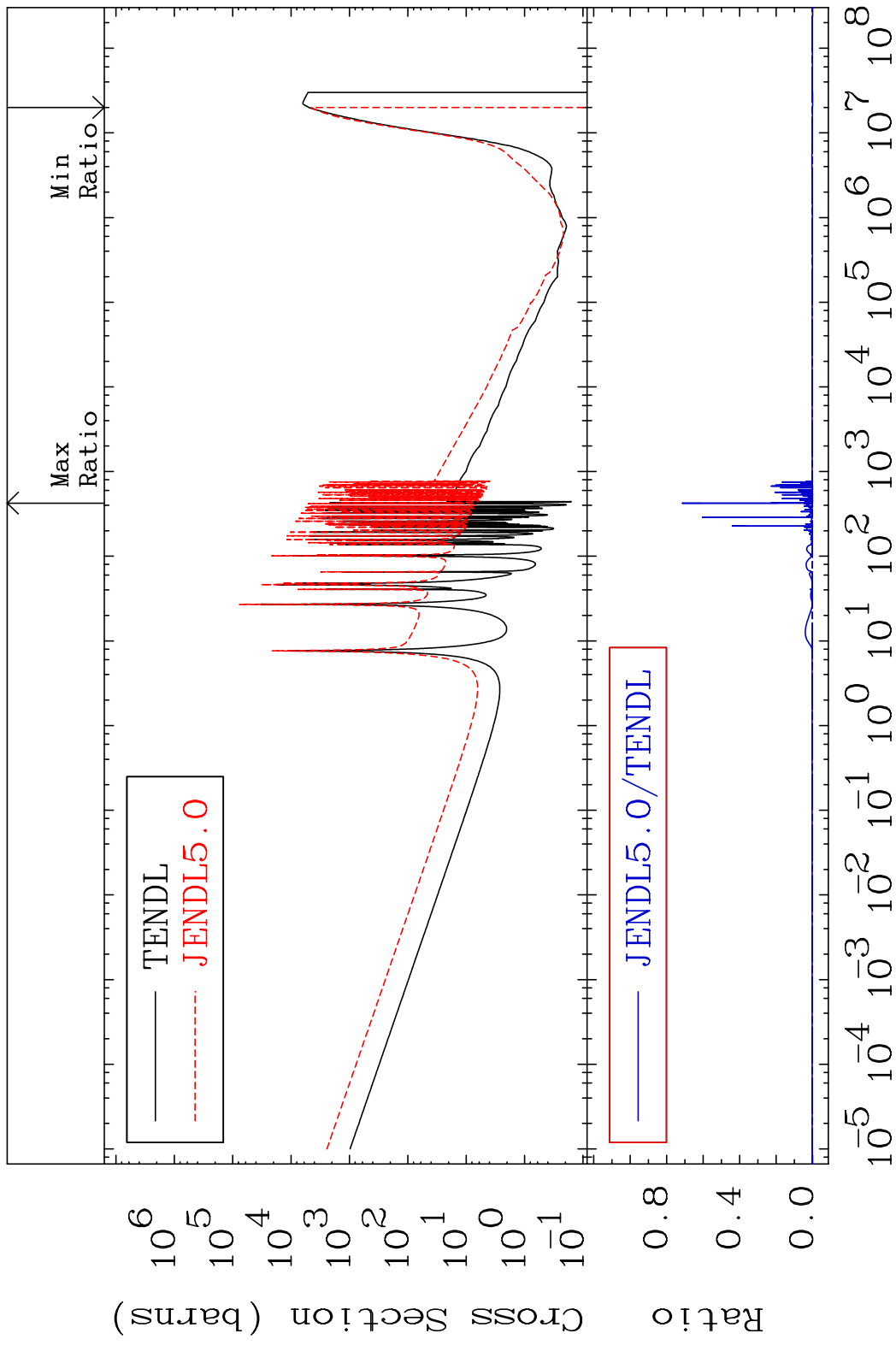
Incident Energy (eV)

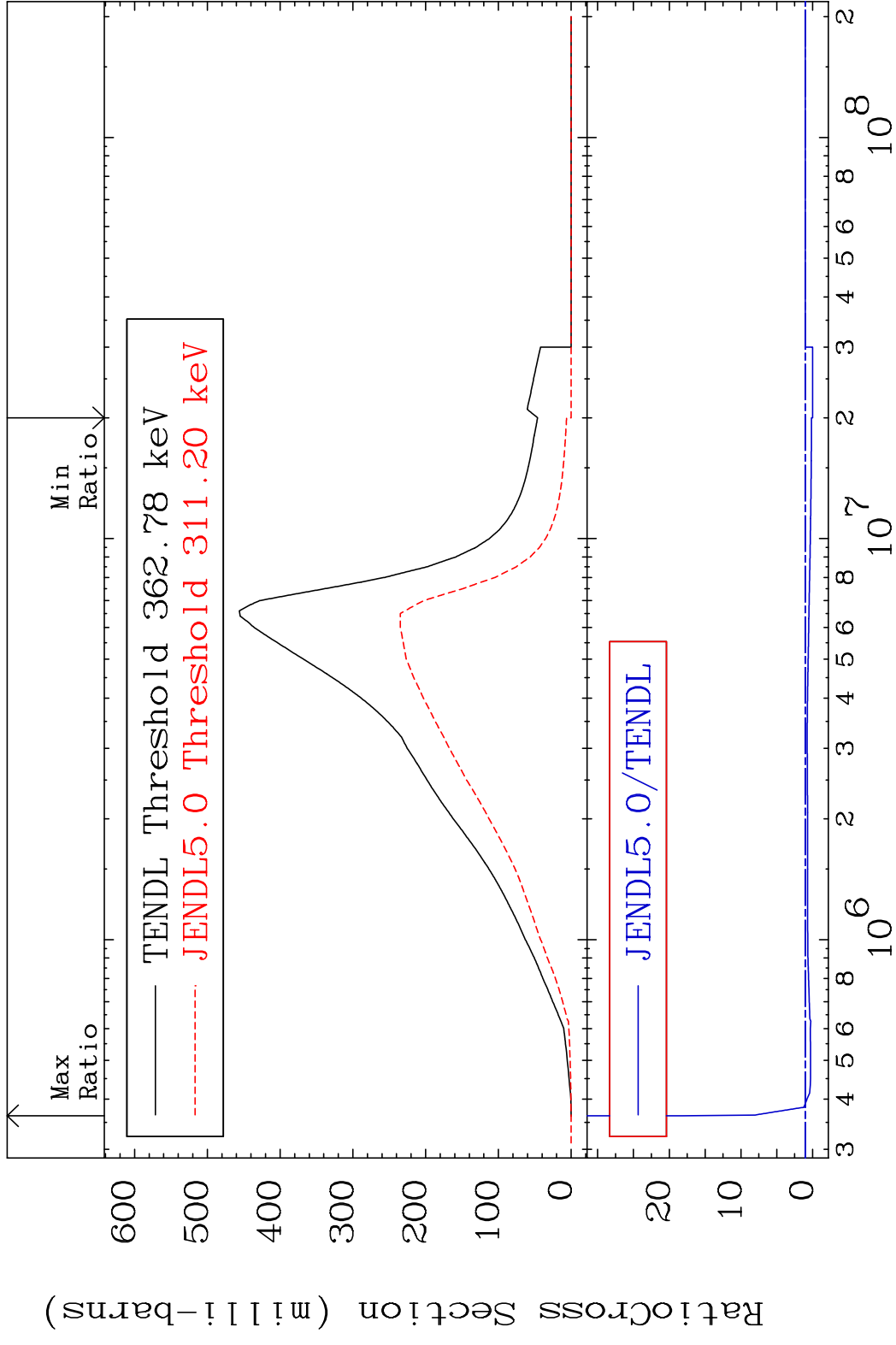
74-W -183

MAT 7434 Dpa inelastic (mt51-91) 74-W -183
 Cross Section -100.0 To 9999. %

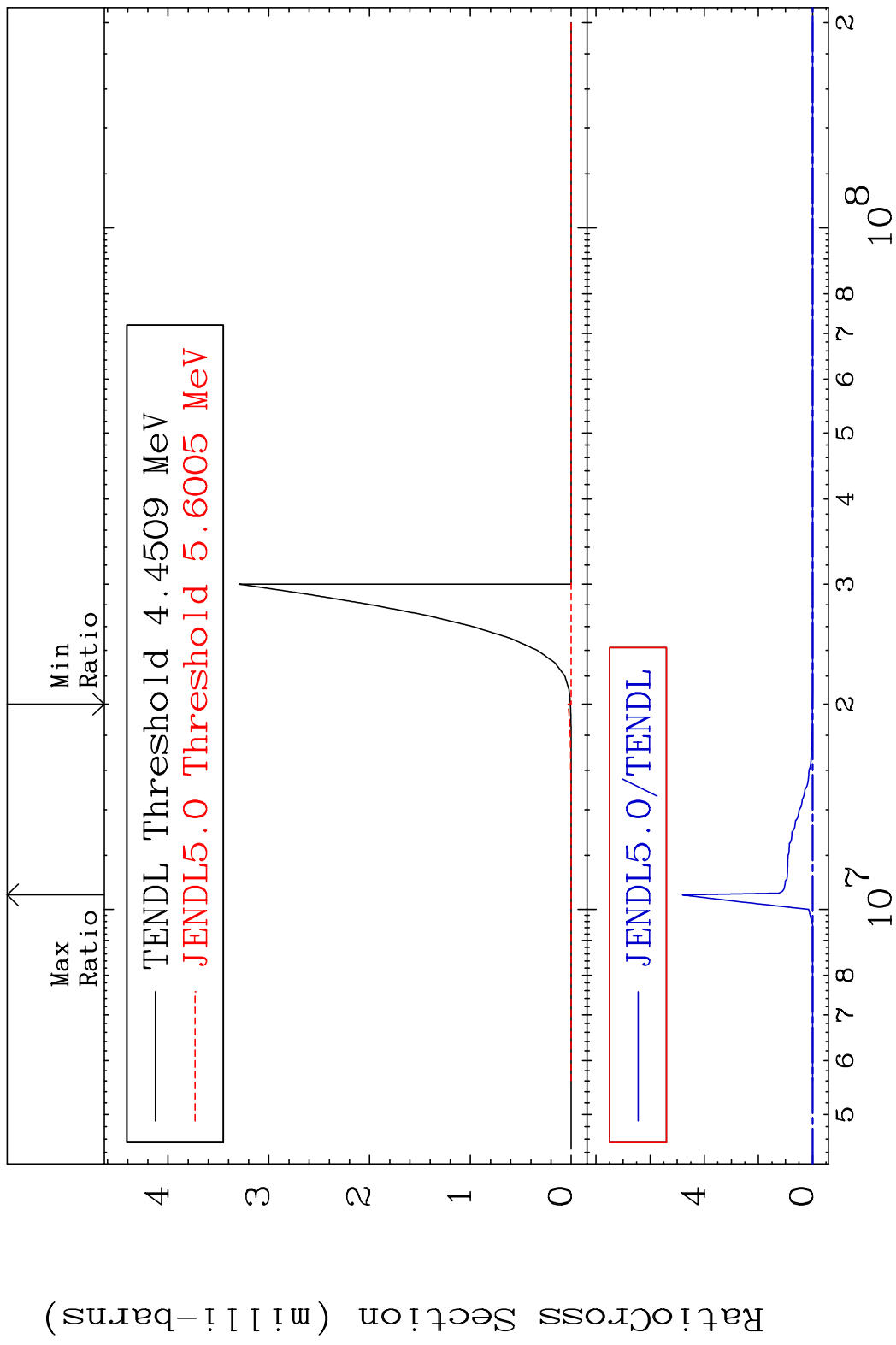


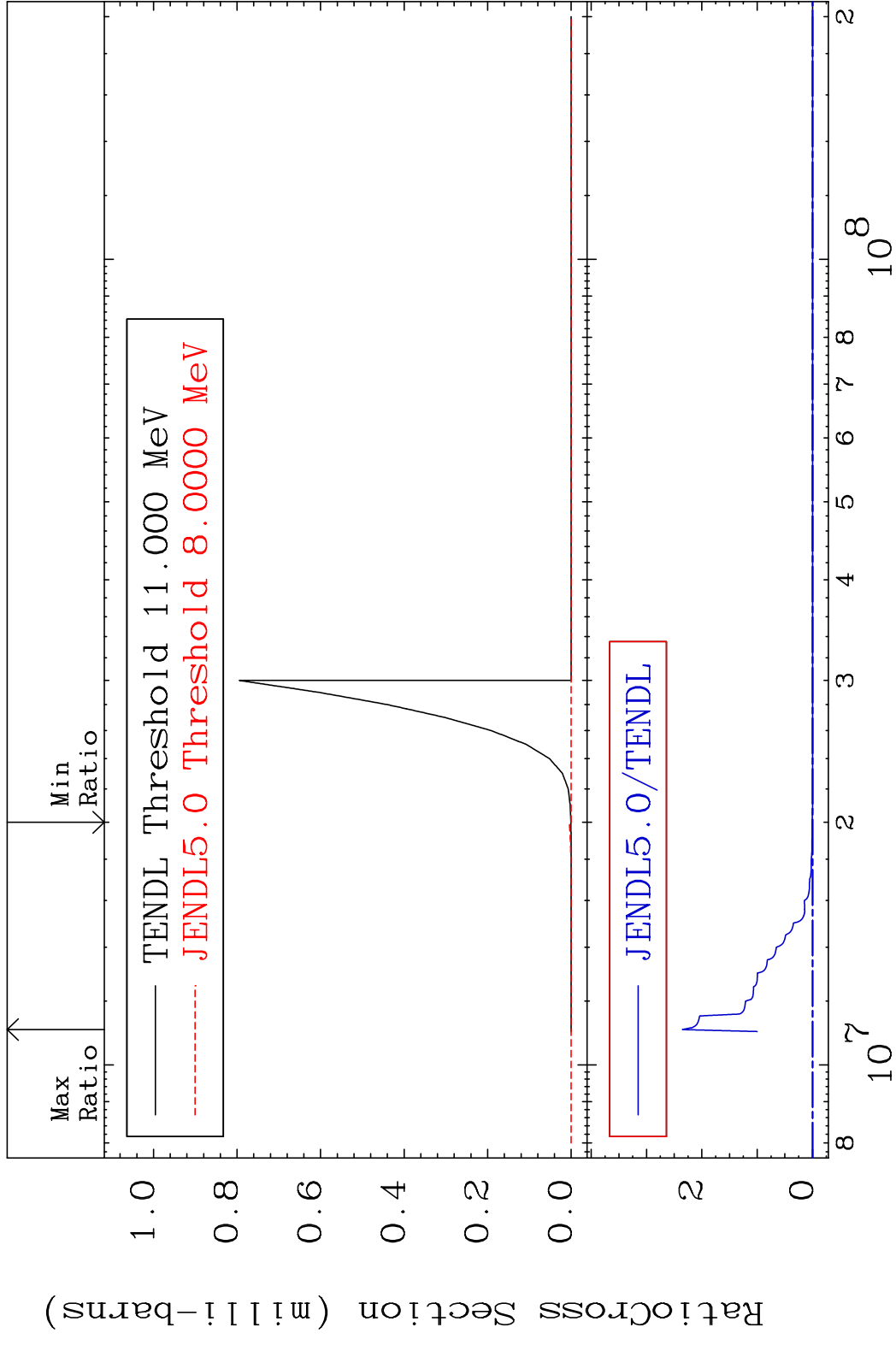
MAT 7434 Dpa disappearance (mt102 -120) 74-W -183
 Cross Section -100.0 To 9999. %



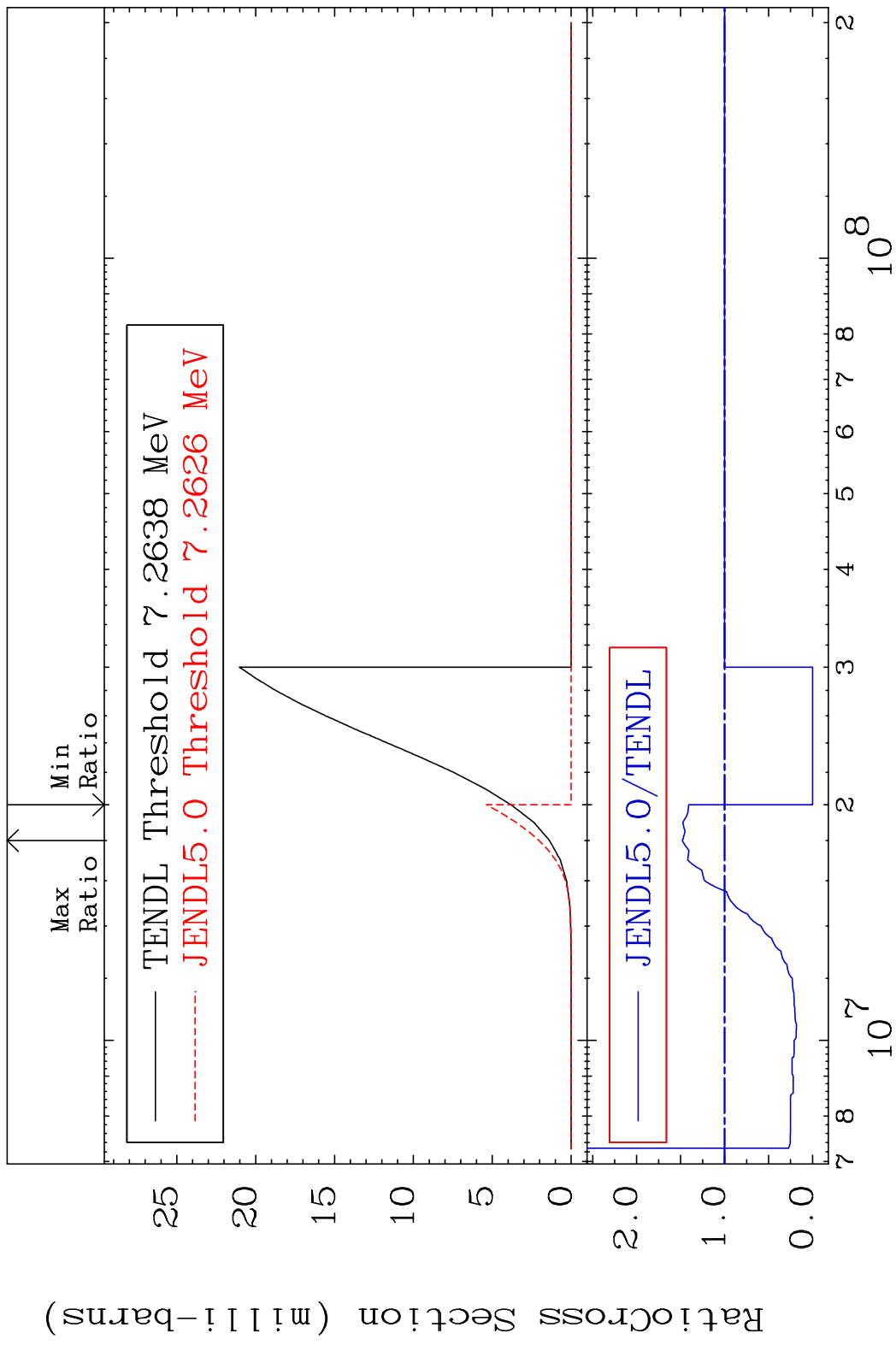


MAT 7434 (n,2n) α :72-Hf-178g 74-W -183
 Radionuclide Production Cross Section Ratio 9999. %

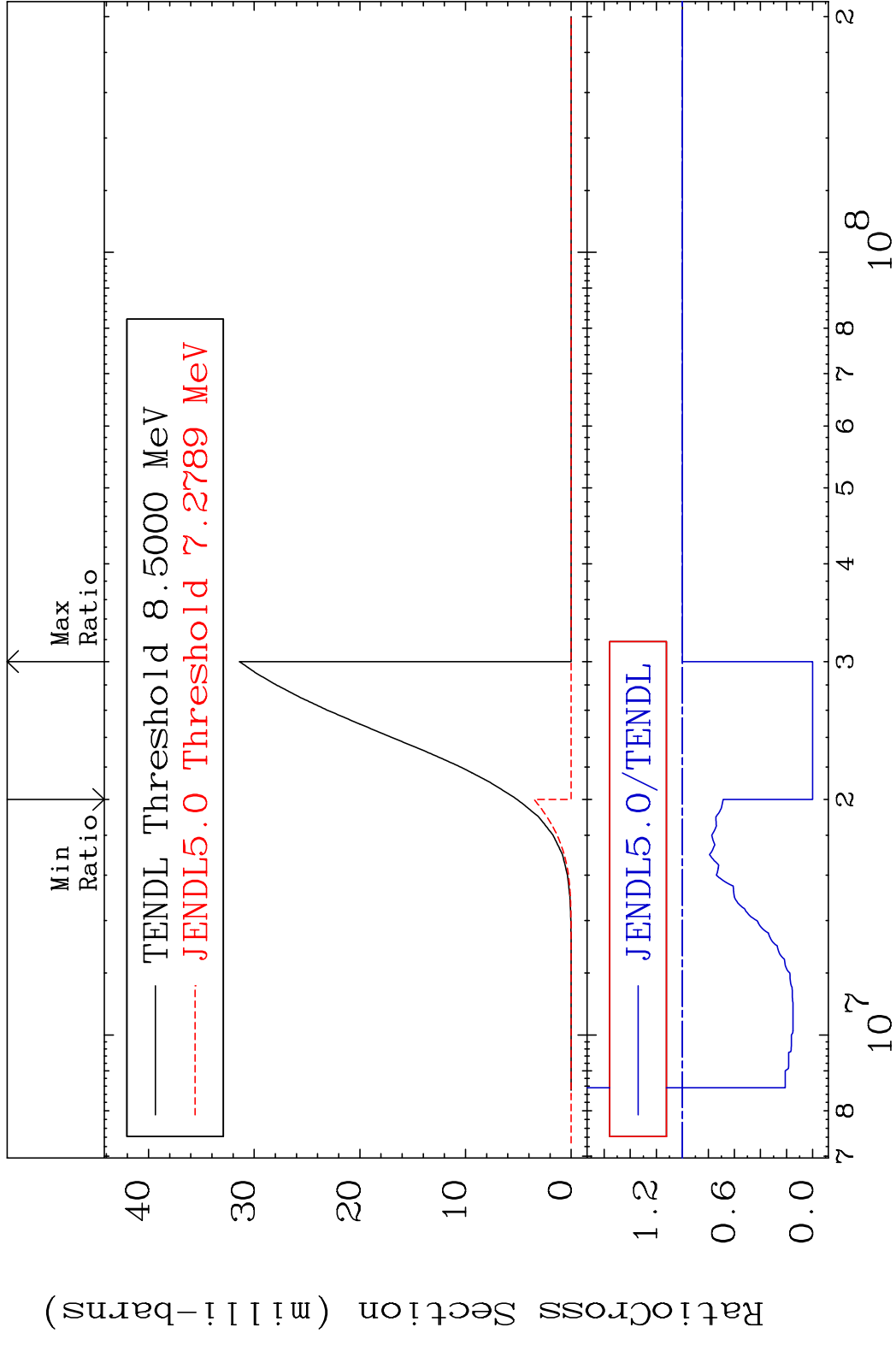


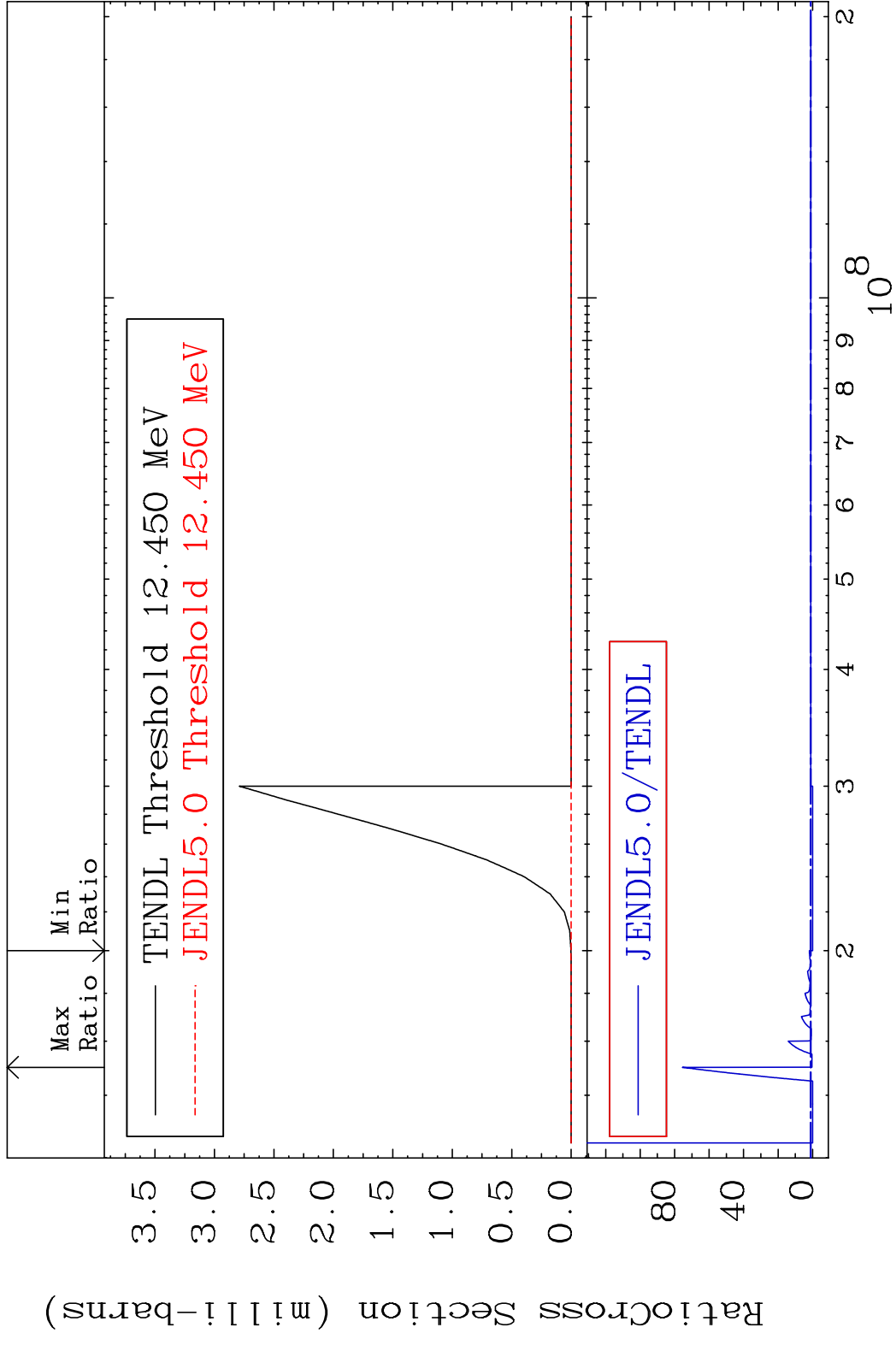


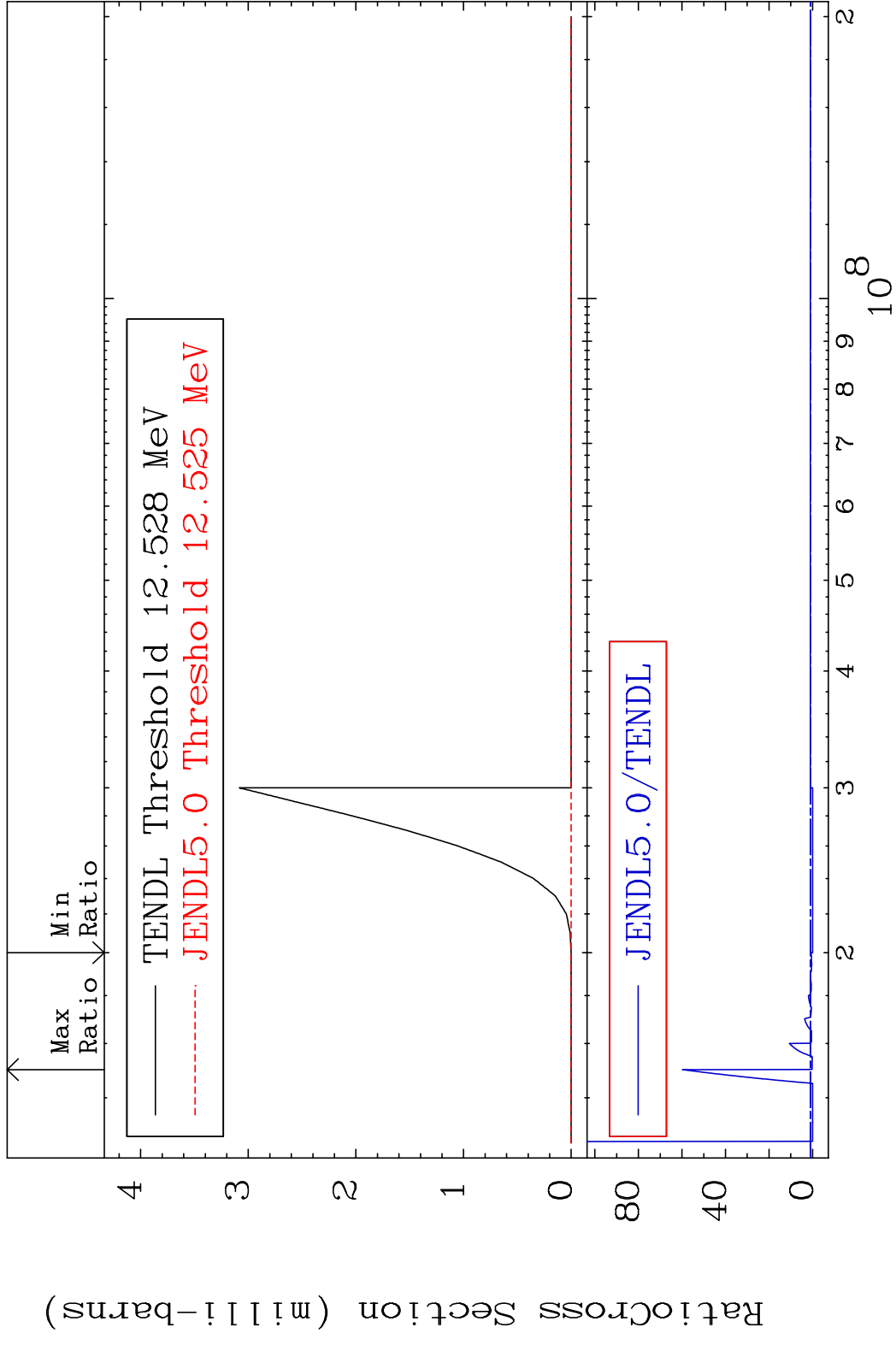
MAT 7434 (n, n') p:73-Ta-182g 74-W -183
 Radionuclide Production Cross Section Ratio 48.03 %

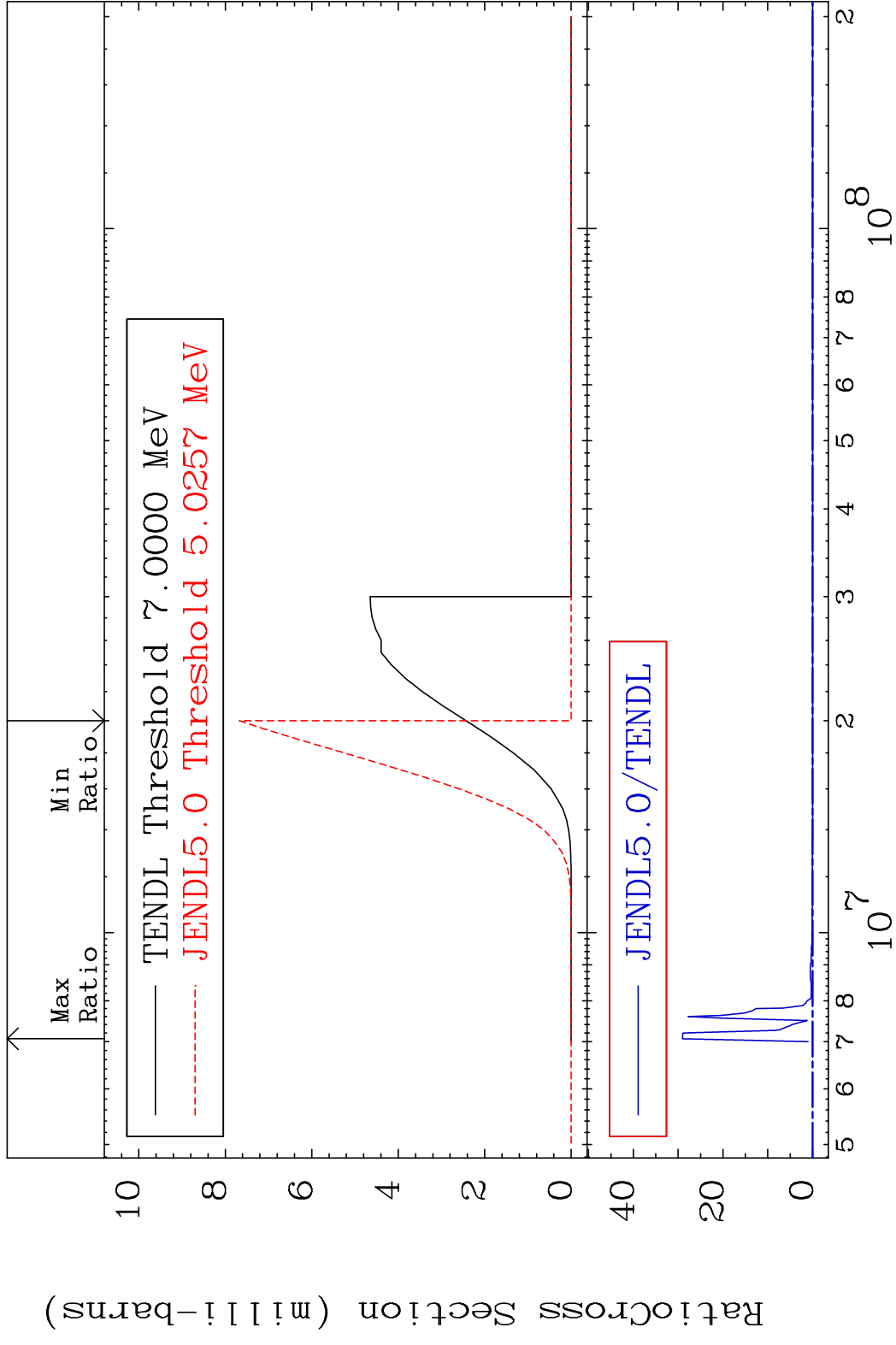


70 Incident Energy (eV) 74-W -183









MAT 7434 (n, d):73-Ta-182m1 74-W -183
 Radionuclide Production Cross Section Ratio 9999. %

