

Program Complot
(Version 2021-1)

by

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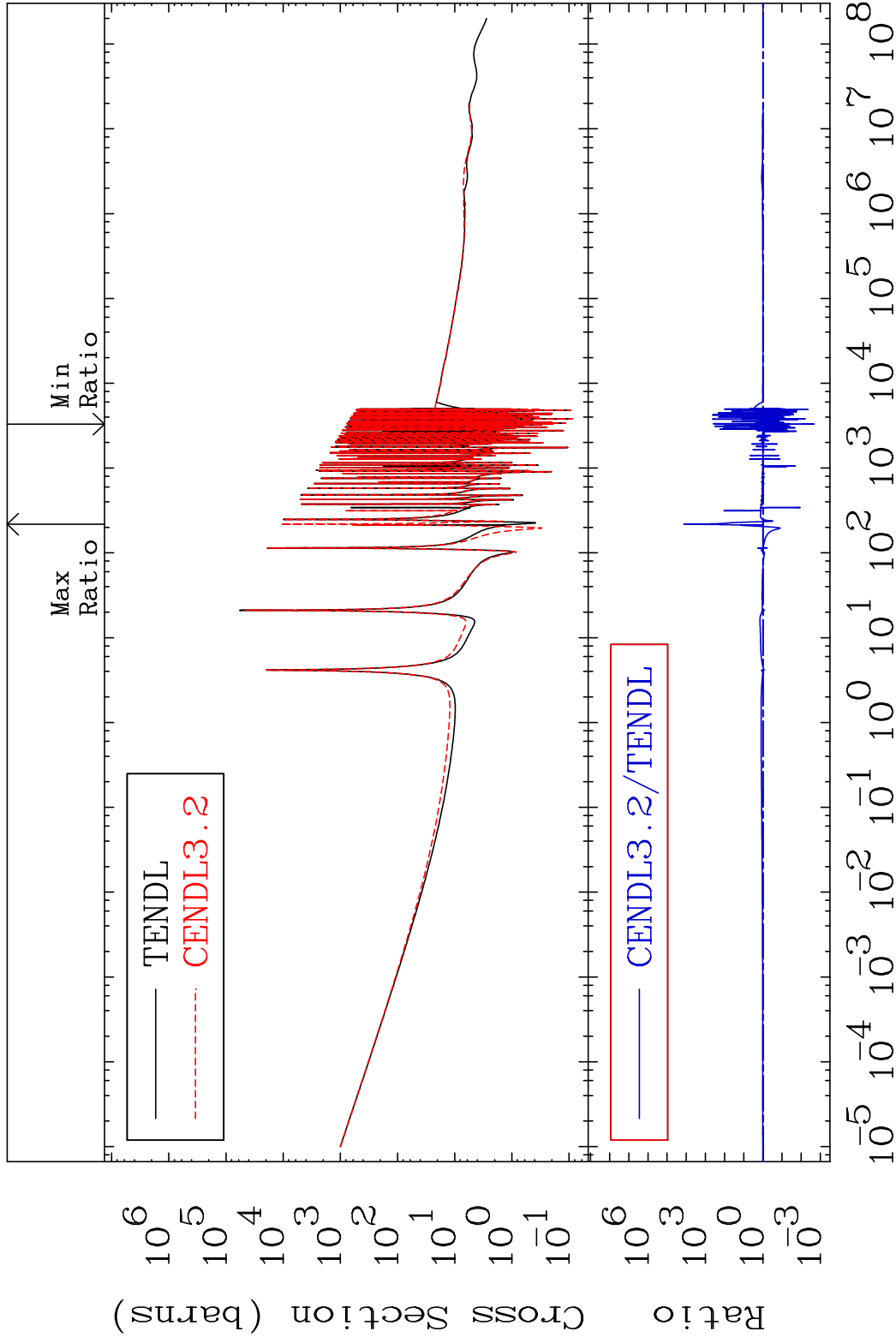
Press Mouse Button to Start

MAT 7431

Total

74-W -182

Cross Section -99.79 To 9999. %



1

Incident Energy (eV)

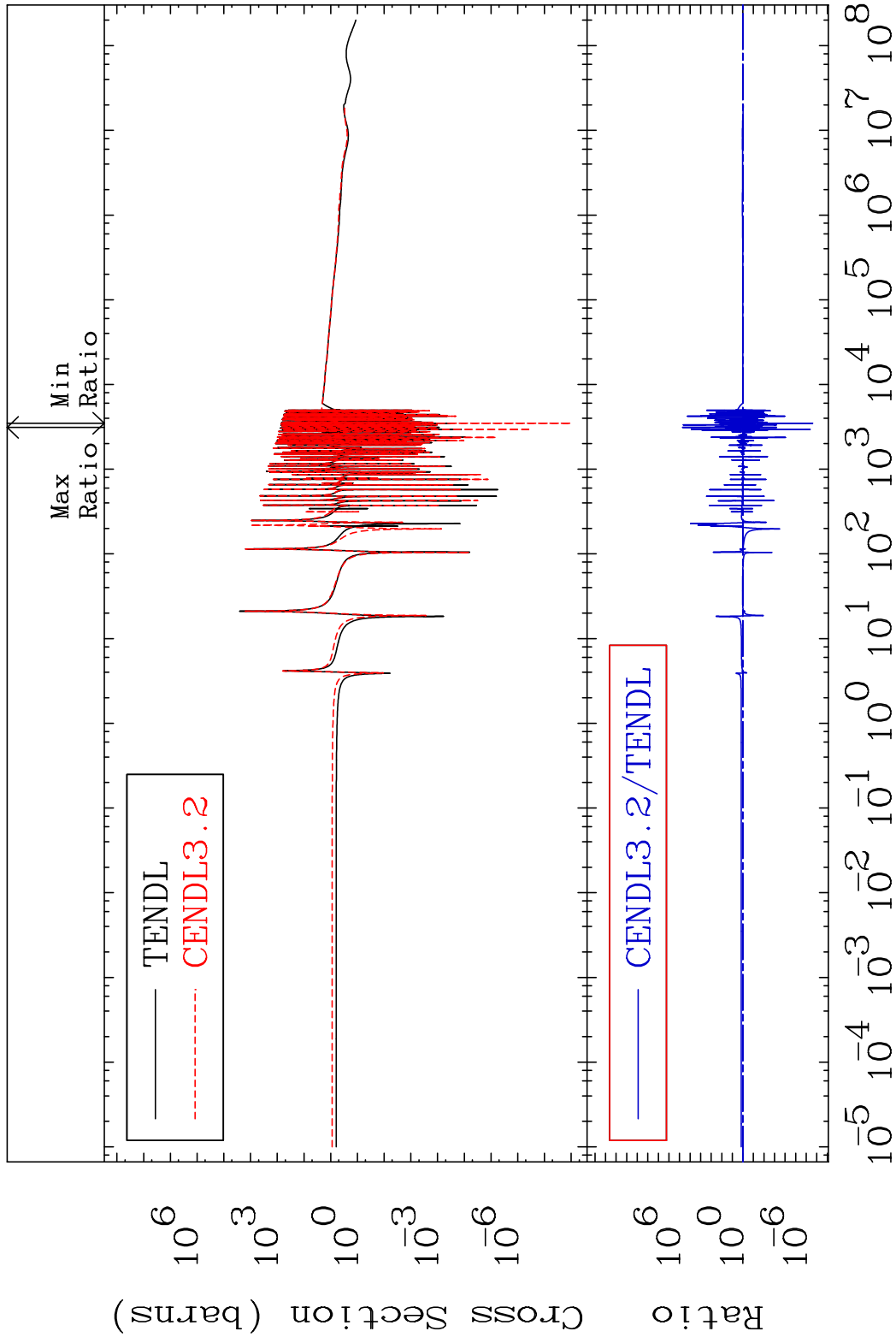
74-W -182

MAT 7431

Elastic

74-W -182

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

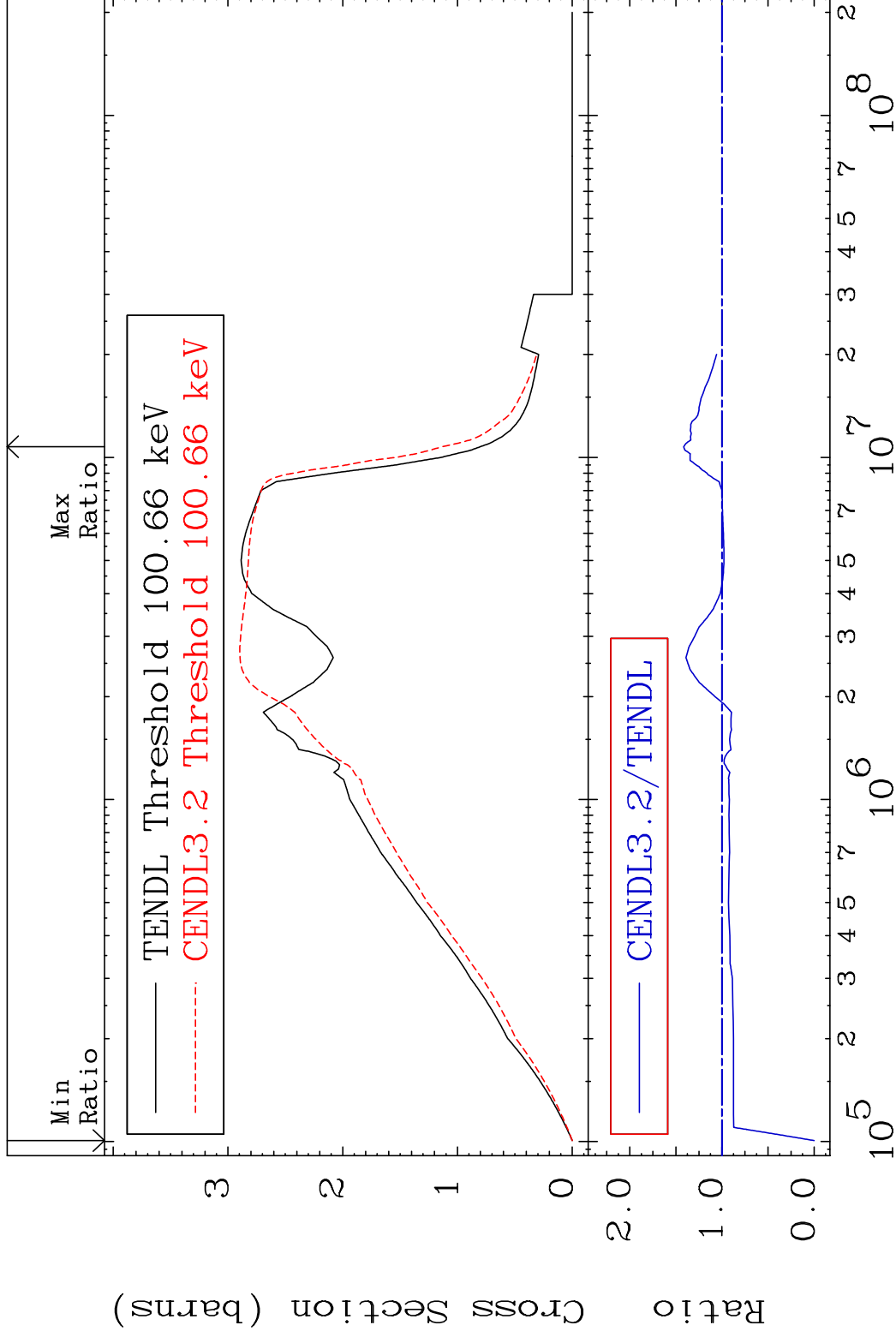
74-W -182

MAT 7431

Inelastic

74-W -182

Cross Section -100.0 To 41.56 %



3

Incident Energy (eV)

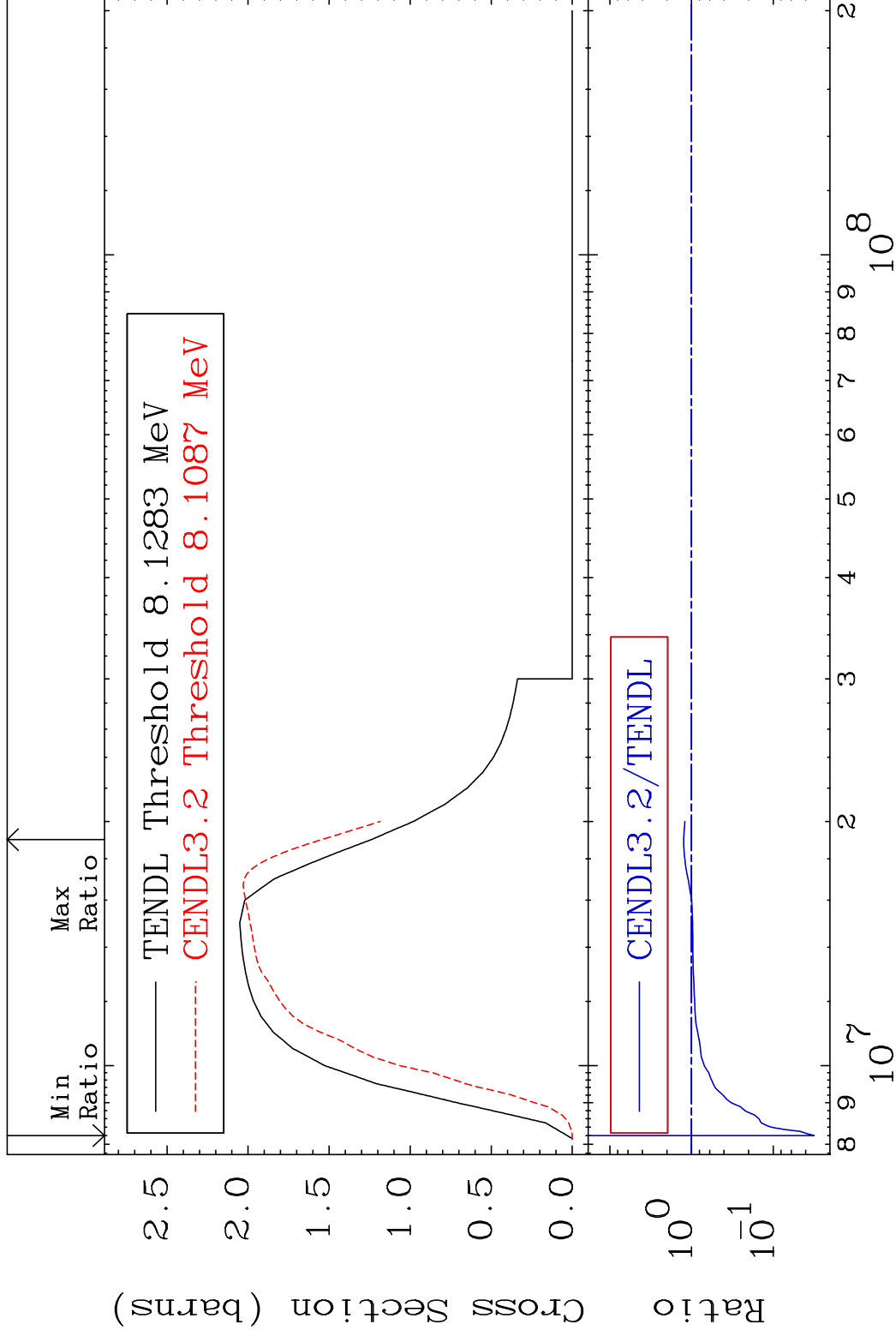
74-W -182

MAT 7431

(n,2n)

74-W -182

Cross Section -96.84 To 24.76 %



4

Incident Energy (eV)

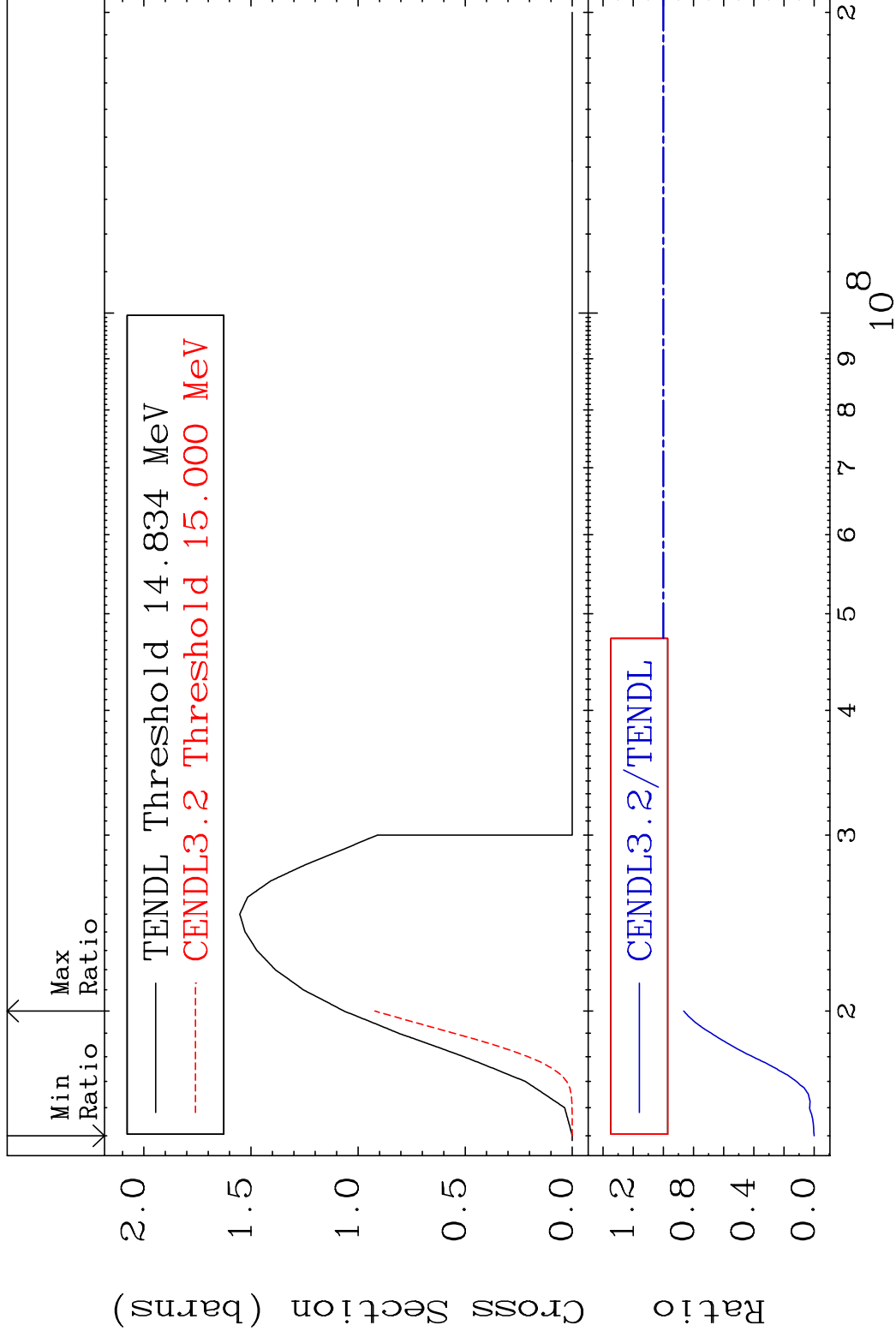
74-W -182

MAT 7431

(n,3n)

74-W -182

Cross Section -100.0 To -13.52%



5

Incident Energy (eV)

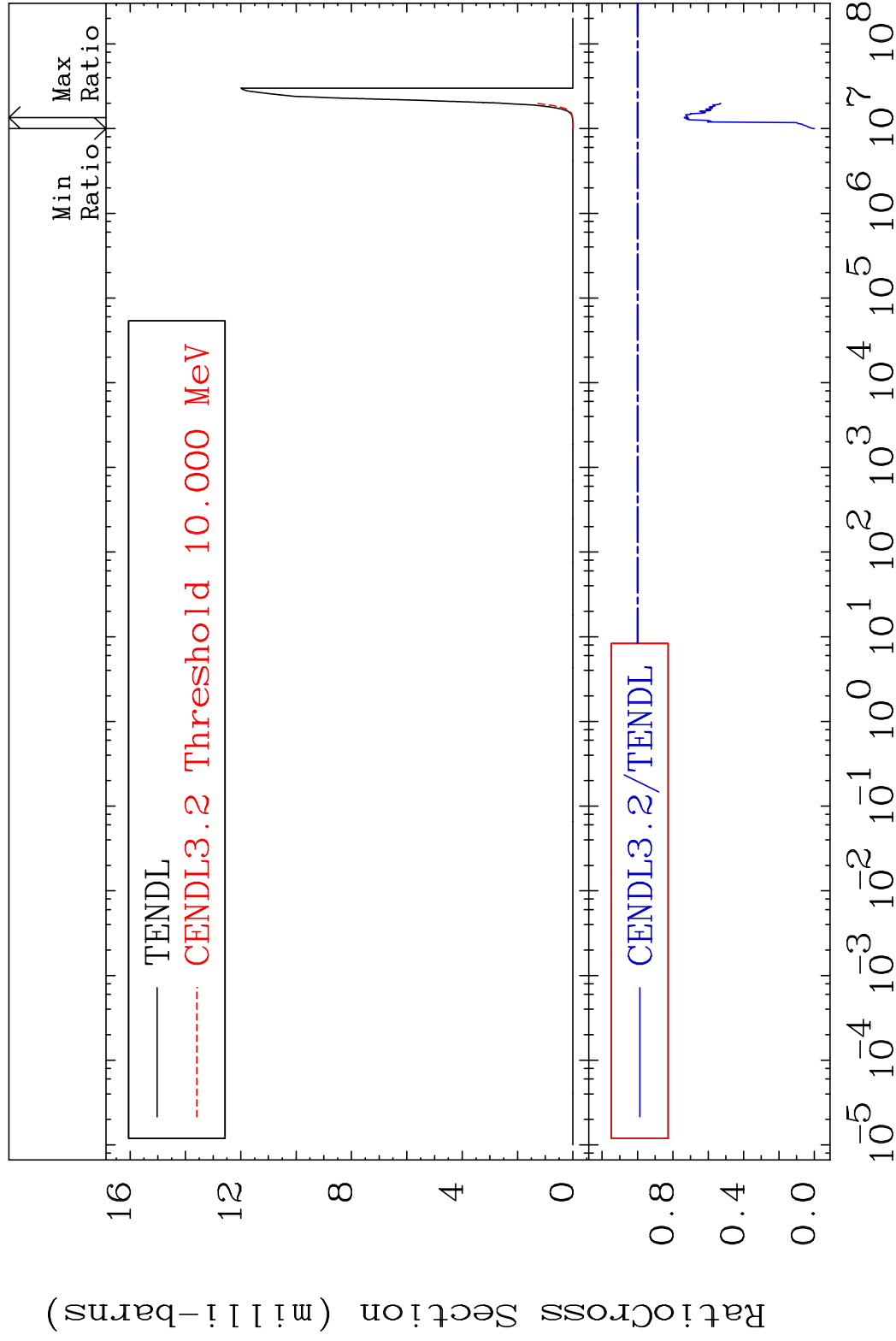
74-W -182

MAT 7431

(n, n') α

74-W -182

Cross Section -100.0 To -26.36%



6

Incident Energy (eV)

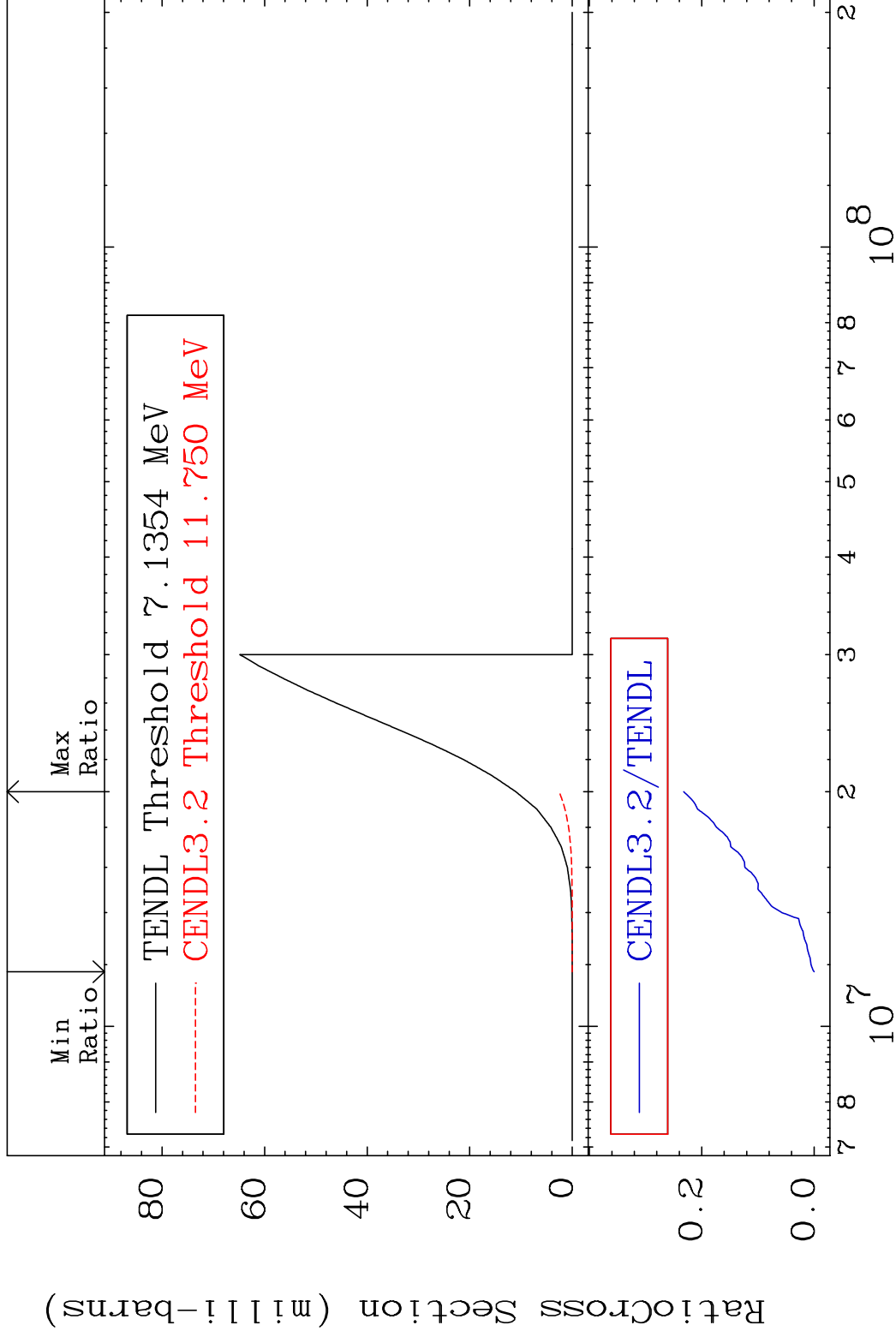
74-W -182

MAT 7431

(n, n') p

74-W -182

Cross Section -100.0 To -76.78%

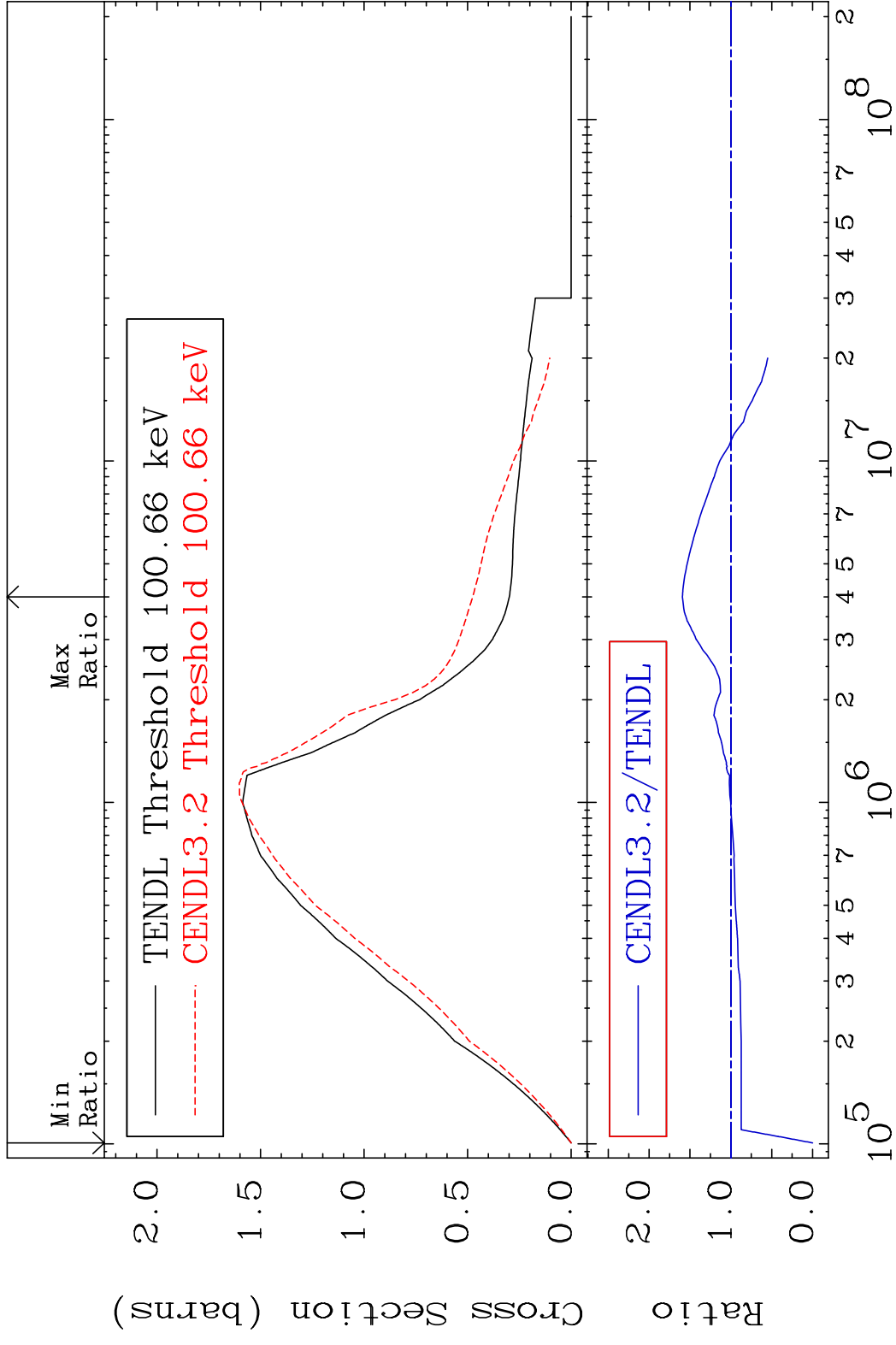


7

Incident Energy (eV)

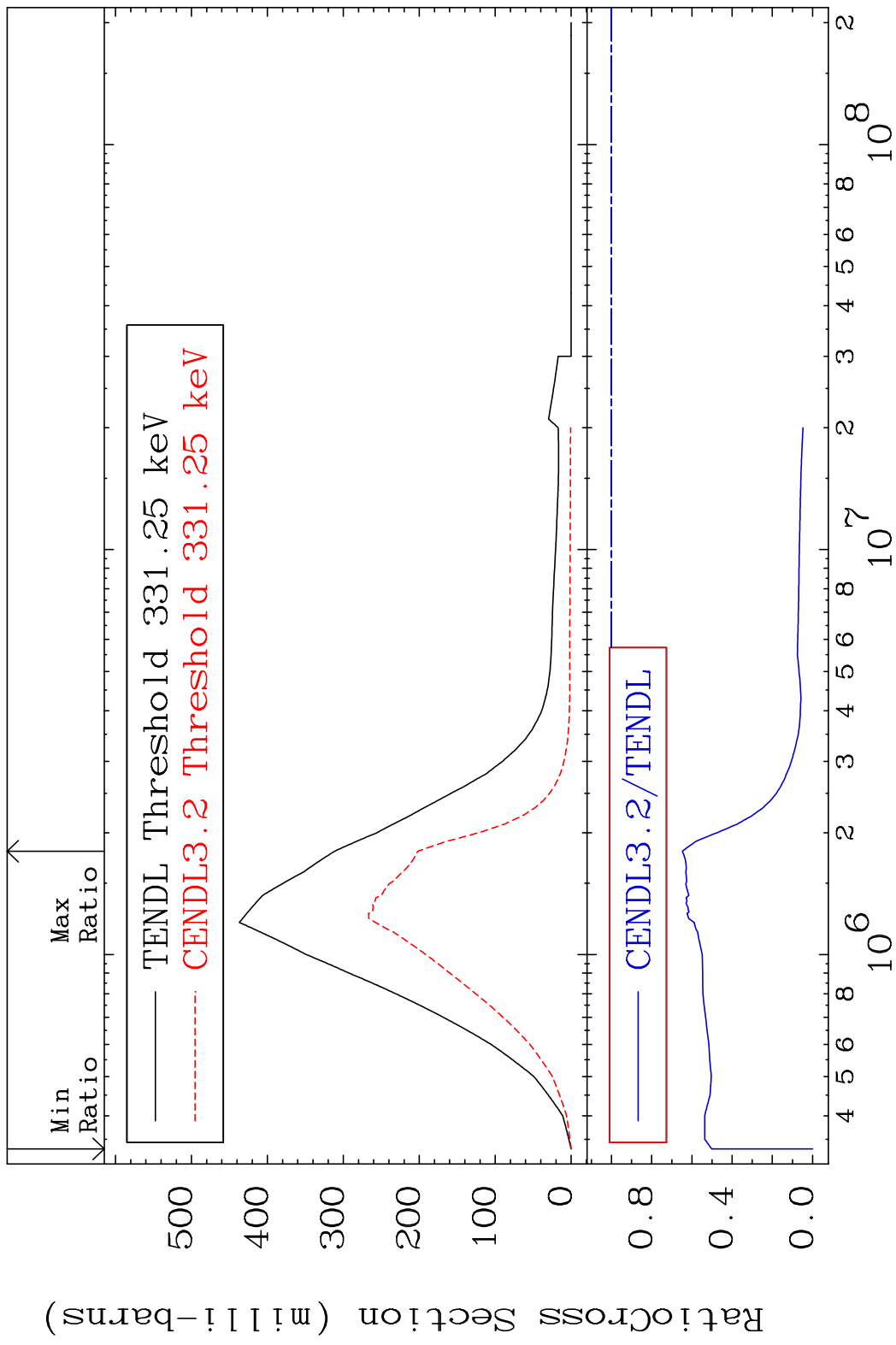
74-W -182

MAT 7431 MT= 51 (n, n') Level 74-W -182
 Cross Section -100.0 To 59.38 %

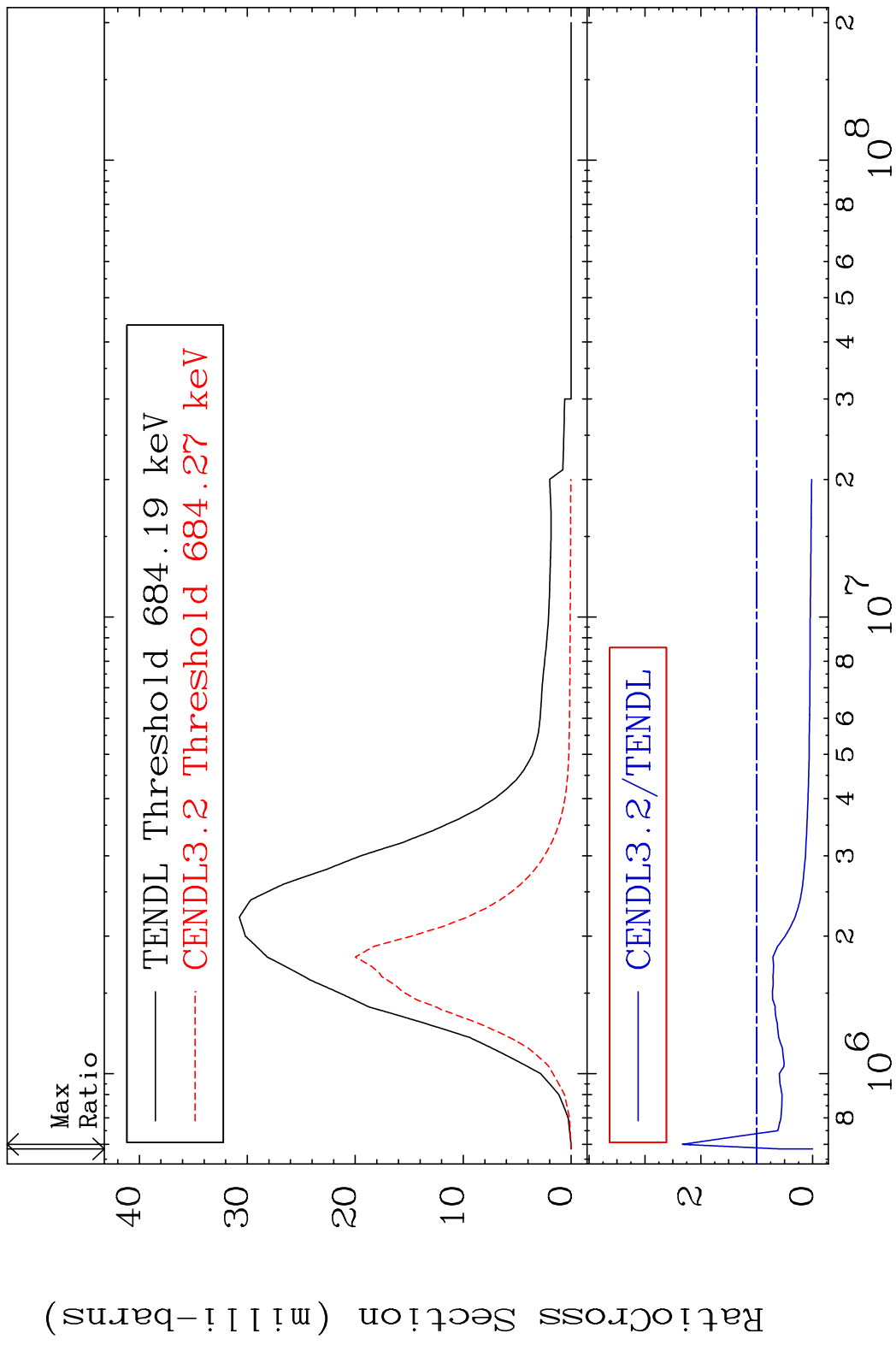


8 Incident Energy (eV) 74-W -182

MAT 7431 MT= 52 (n,n') Level 74-W -182
 Cross Section -100.0 To -35.24%

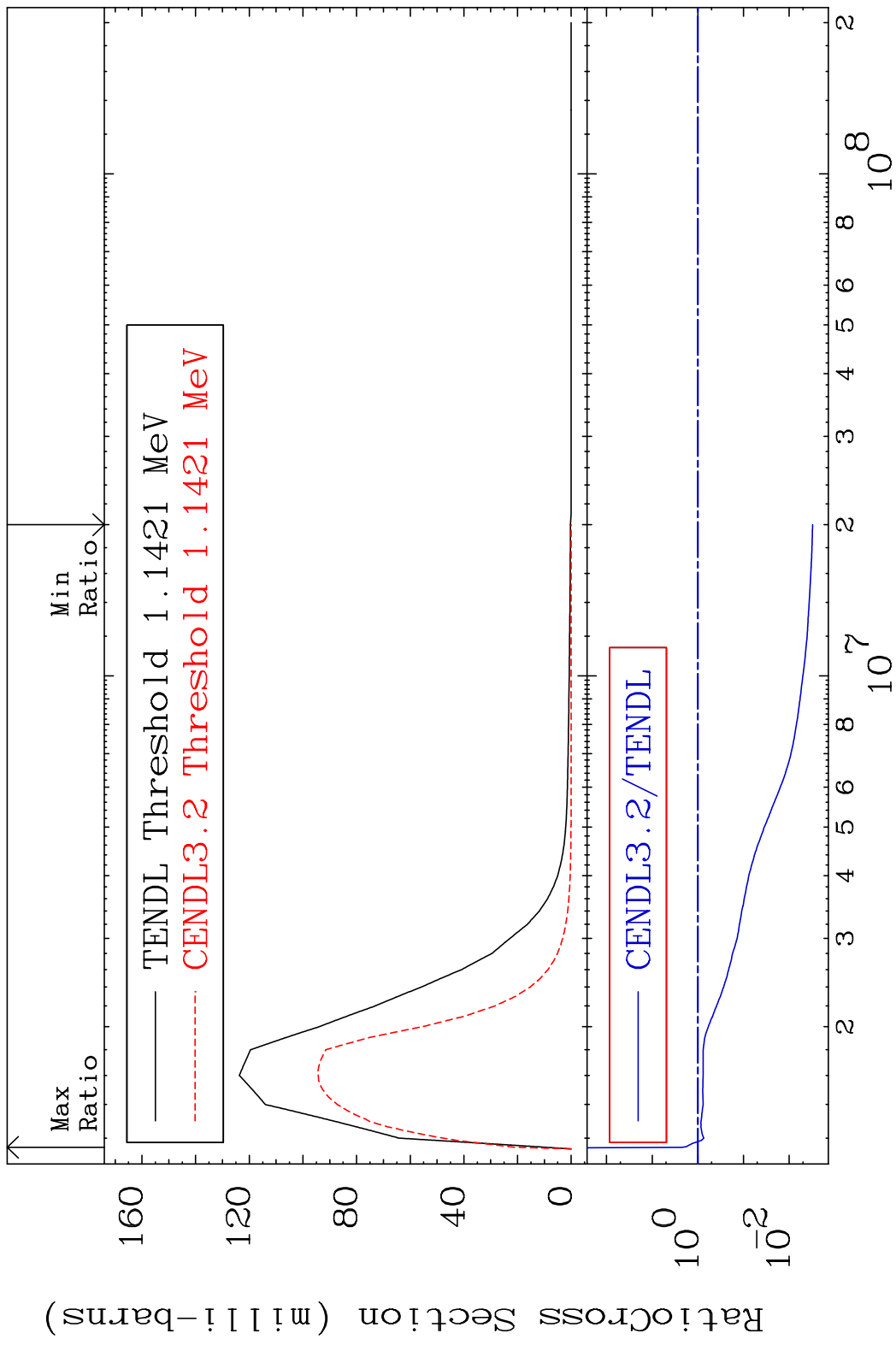


MAT 7431 MT= 53 (n, n') Level 74-W -182
 Cross Section -100.0 To 133.0 %

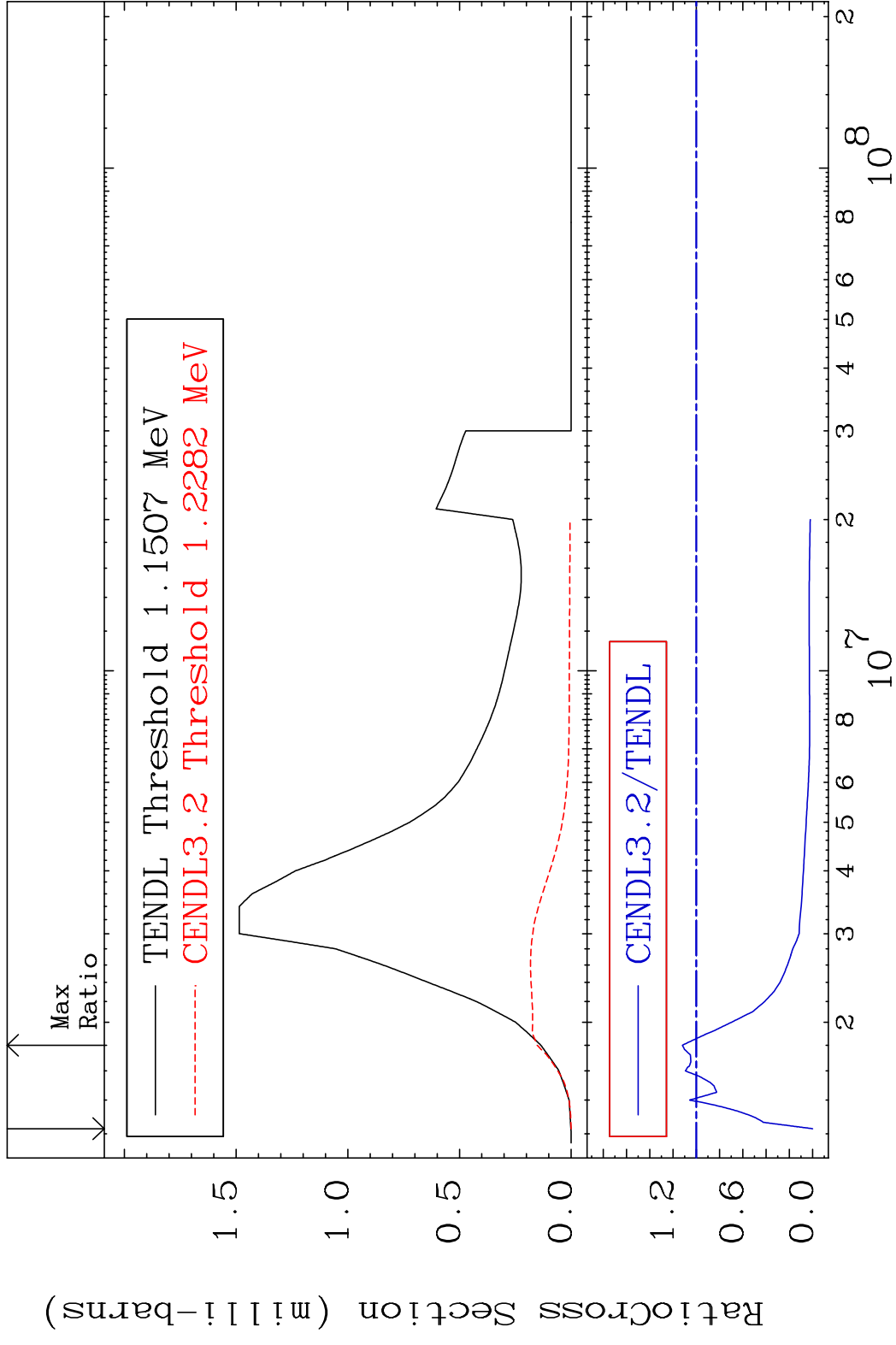


10 8 6 7 8 10 2 3 4 5 6 8 10 2 74-W -182

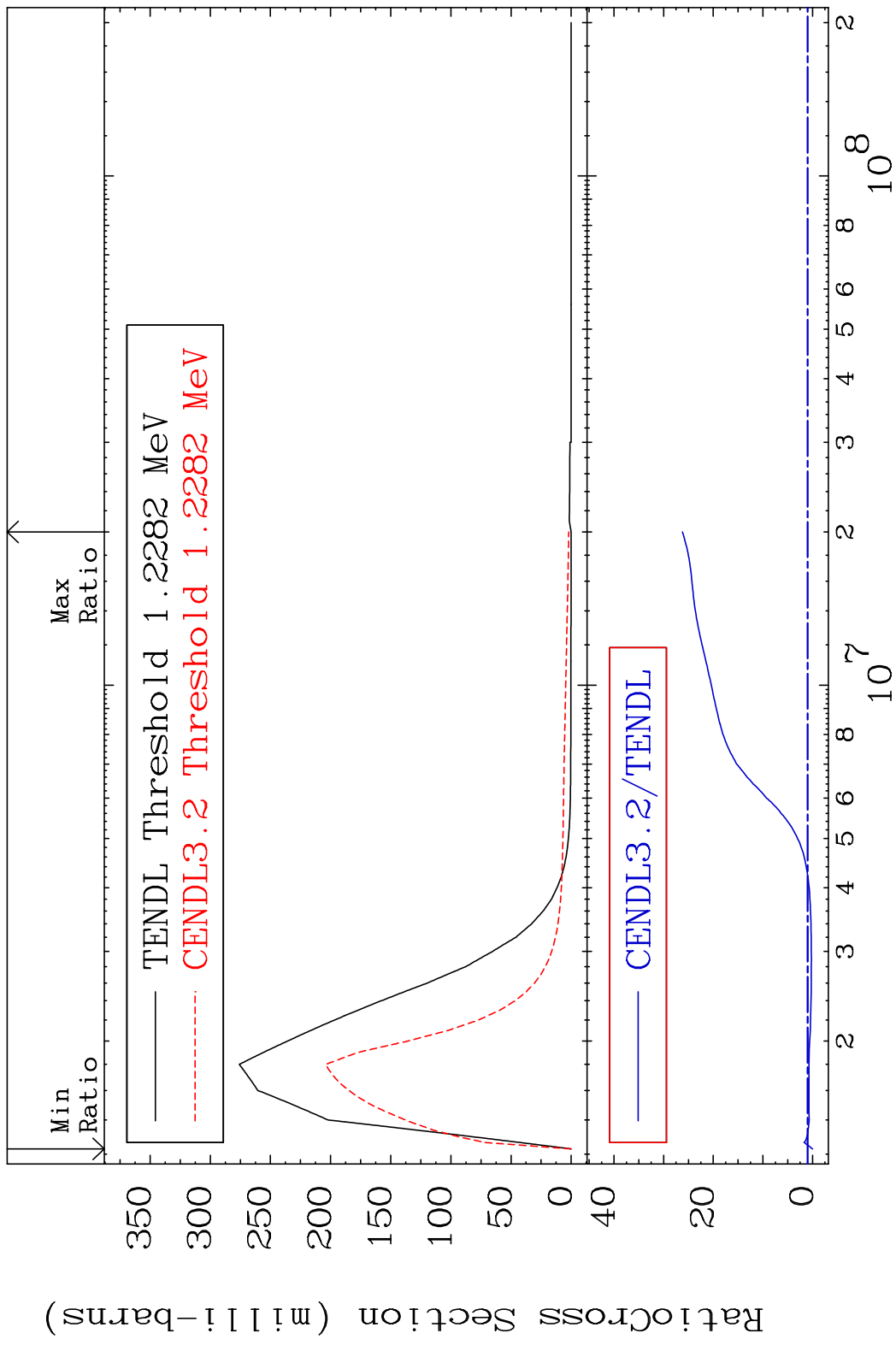
MAT 7431 MT= 54 (n, n') Level 74-W -182
 Cross Section -99.69 To 118.4 %



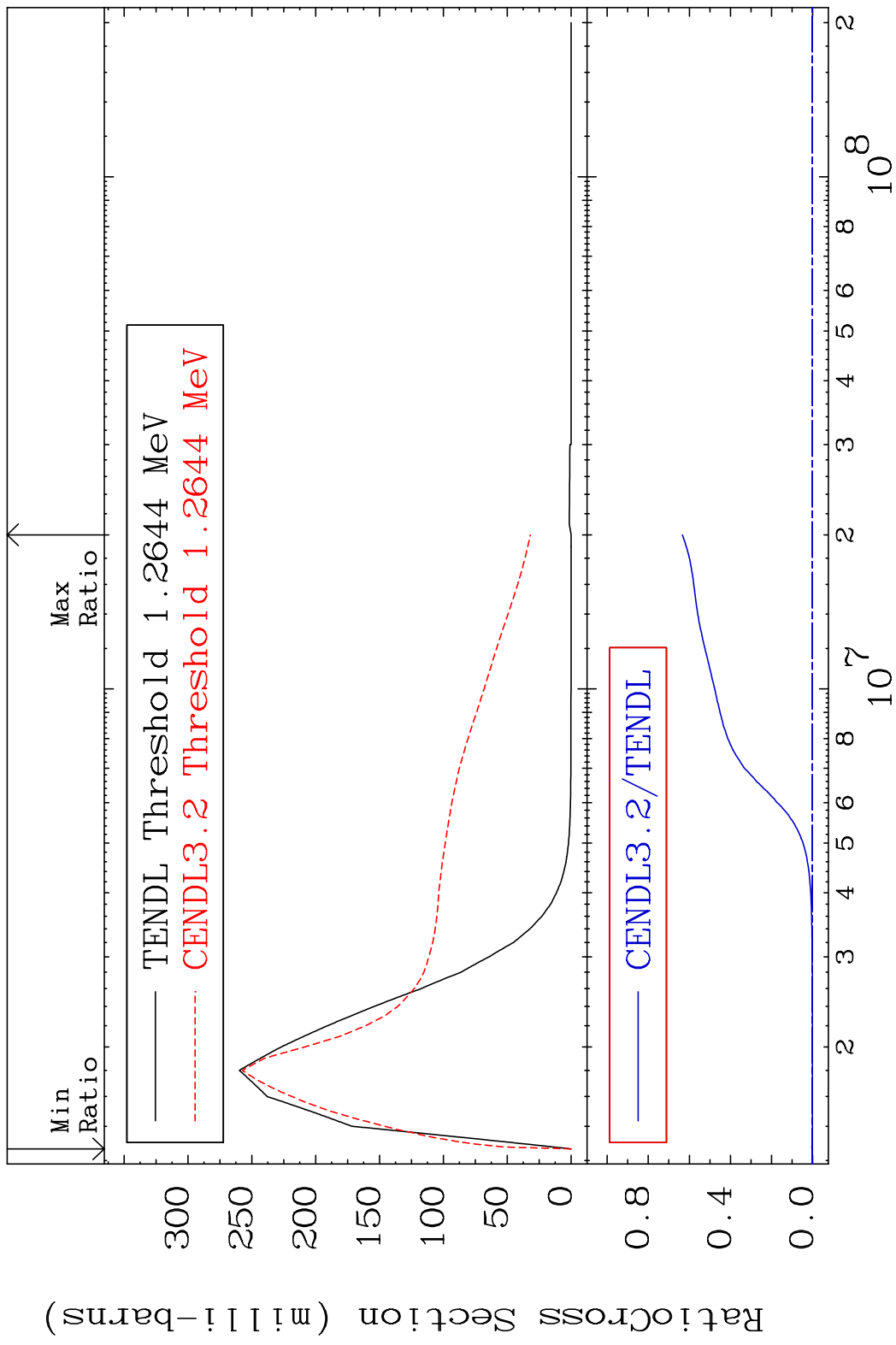
MAT 7431 MT= 55 (n,n') Level 74-W -182
 Cross Section -100.0 To 11.99 %



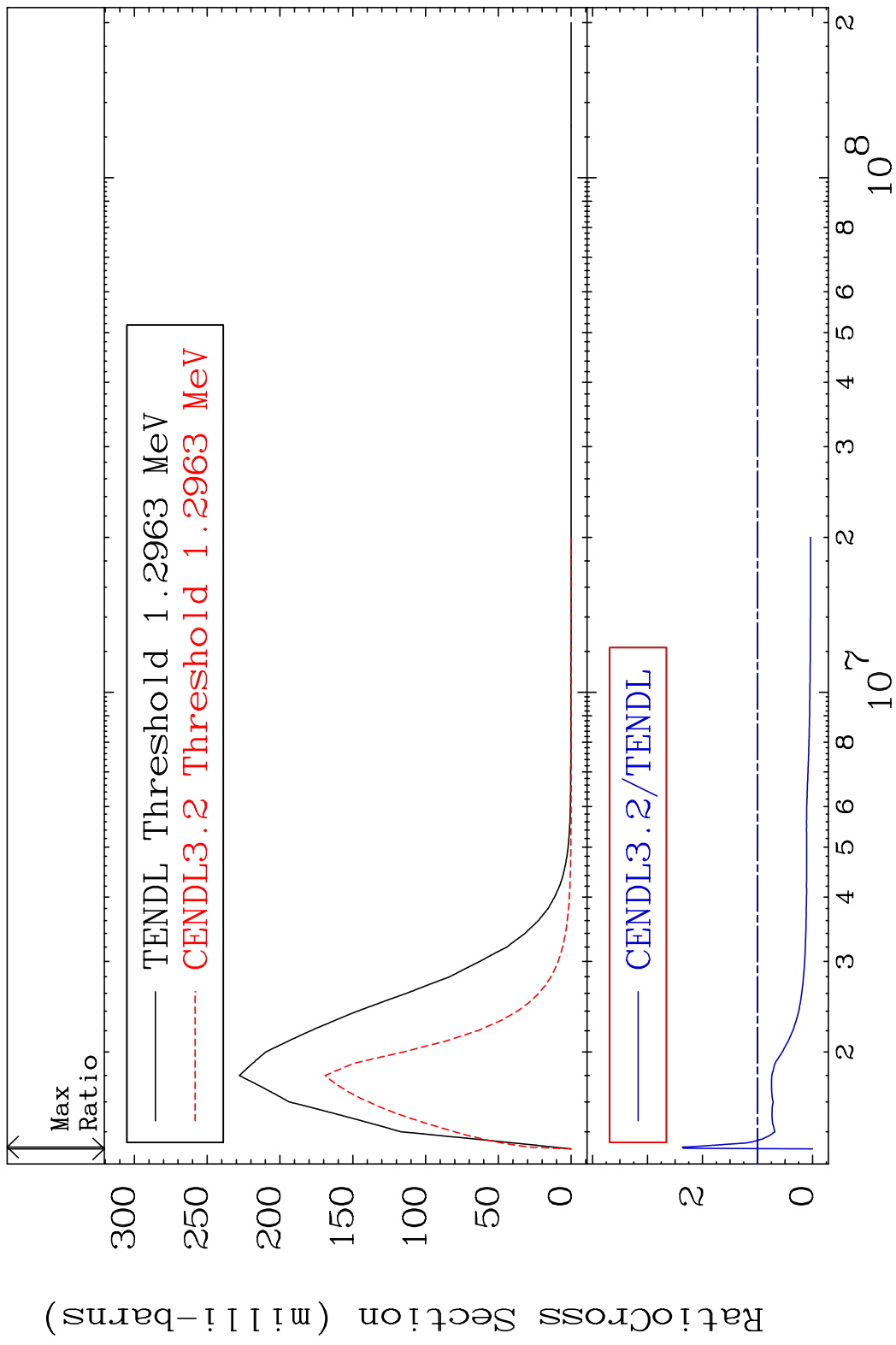
MAT 7431 MT= 56 (n, n') Level 74-W -182
 Cross Section -100.0 To 2523. %



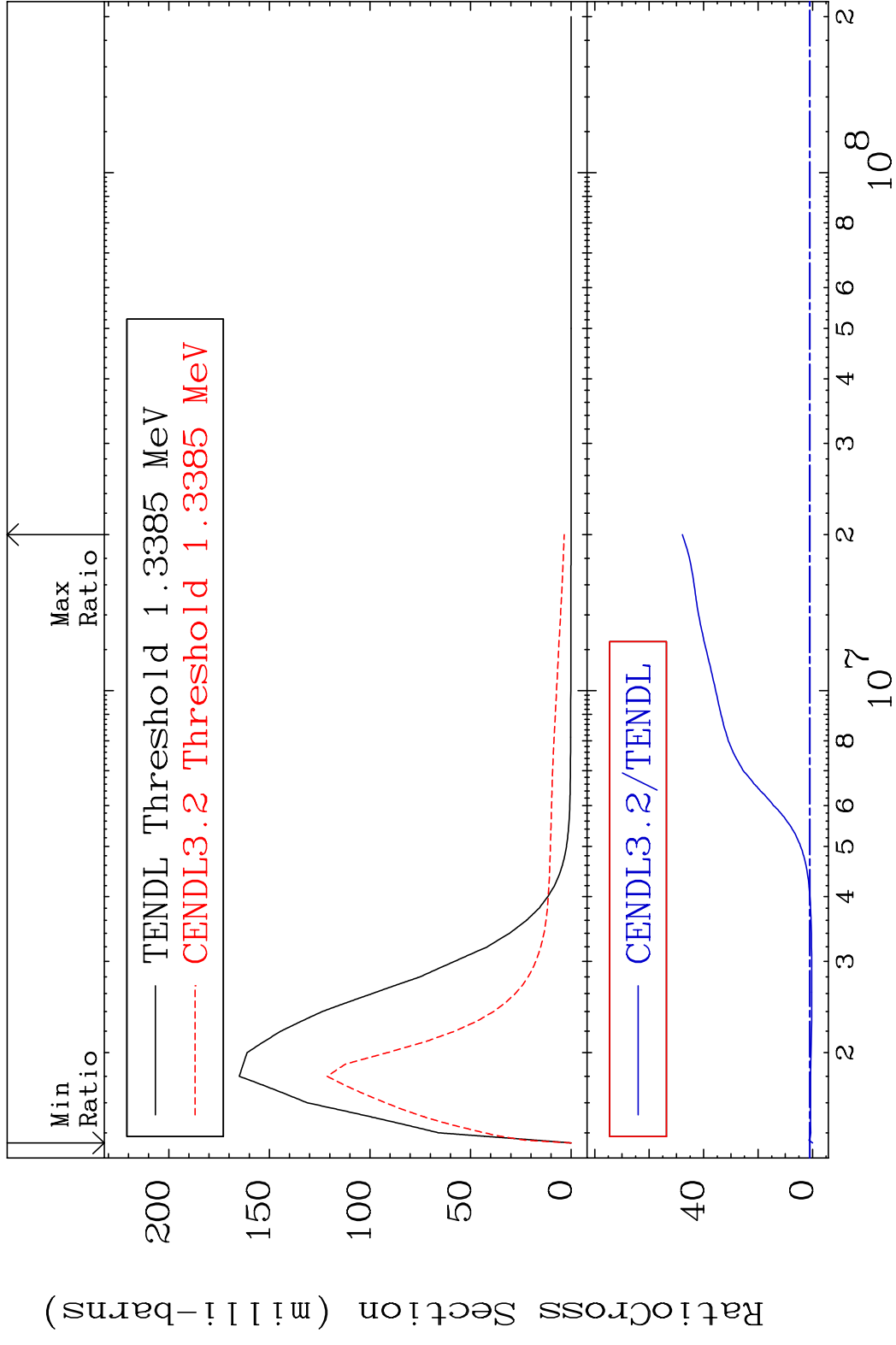
MAT 7431 MT= 57 (n, n') Level 74-W -182
 Cross Section -100.0 To 9999. %



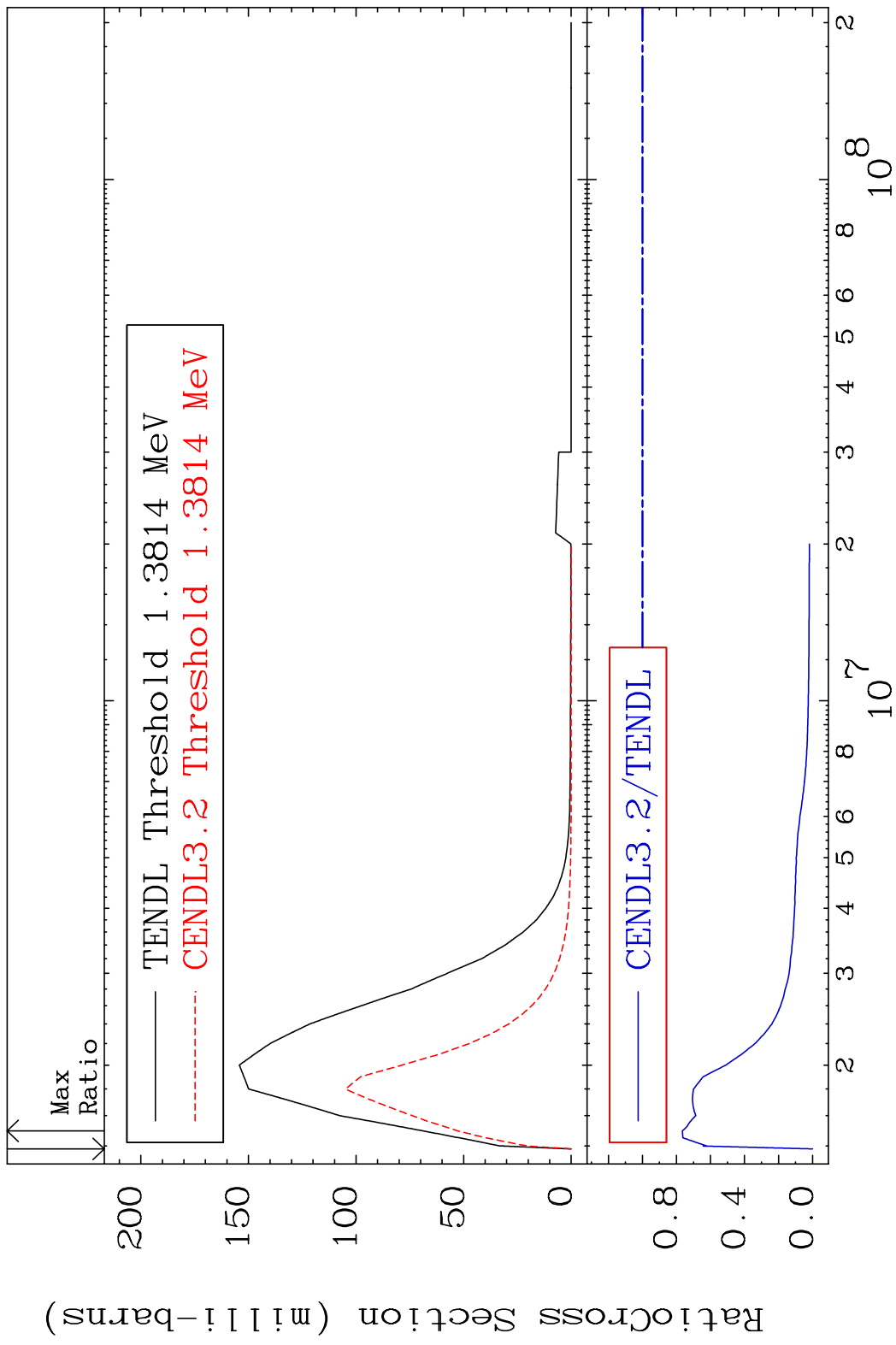
MAT 7431 MT= 58 (n, n') Level 74-W -182
 Cross Section -100.0 To 136.7 %



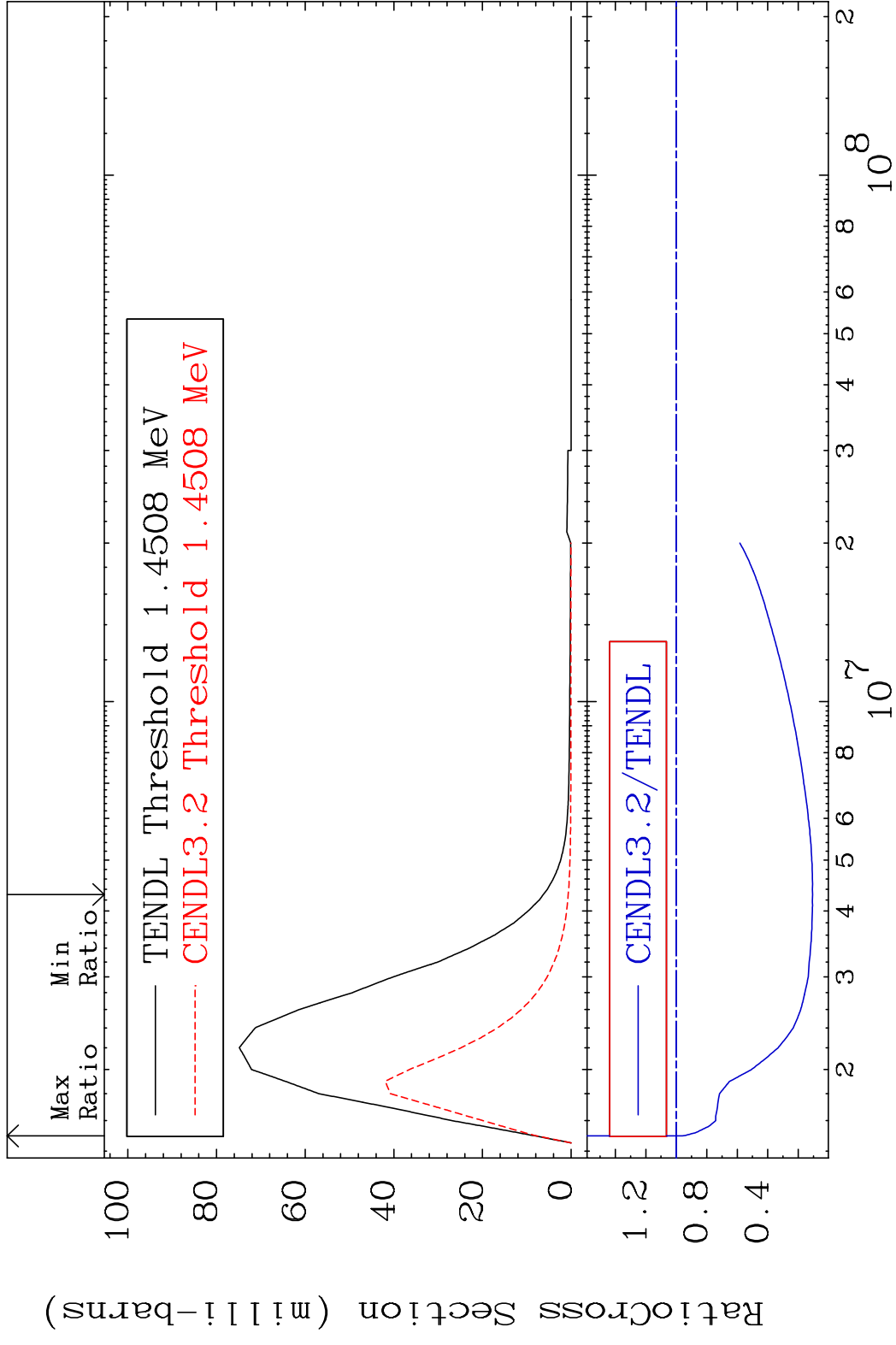
MAT 7431 MT= 59 (n, n') Level 74-W -182
 Cross Section -100.0 To 4682. %



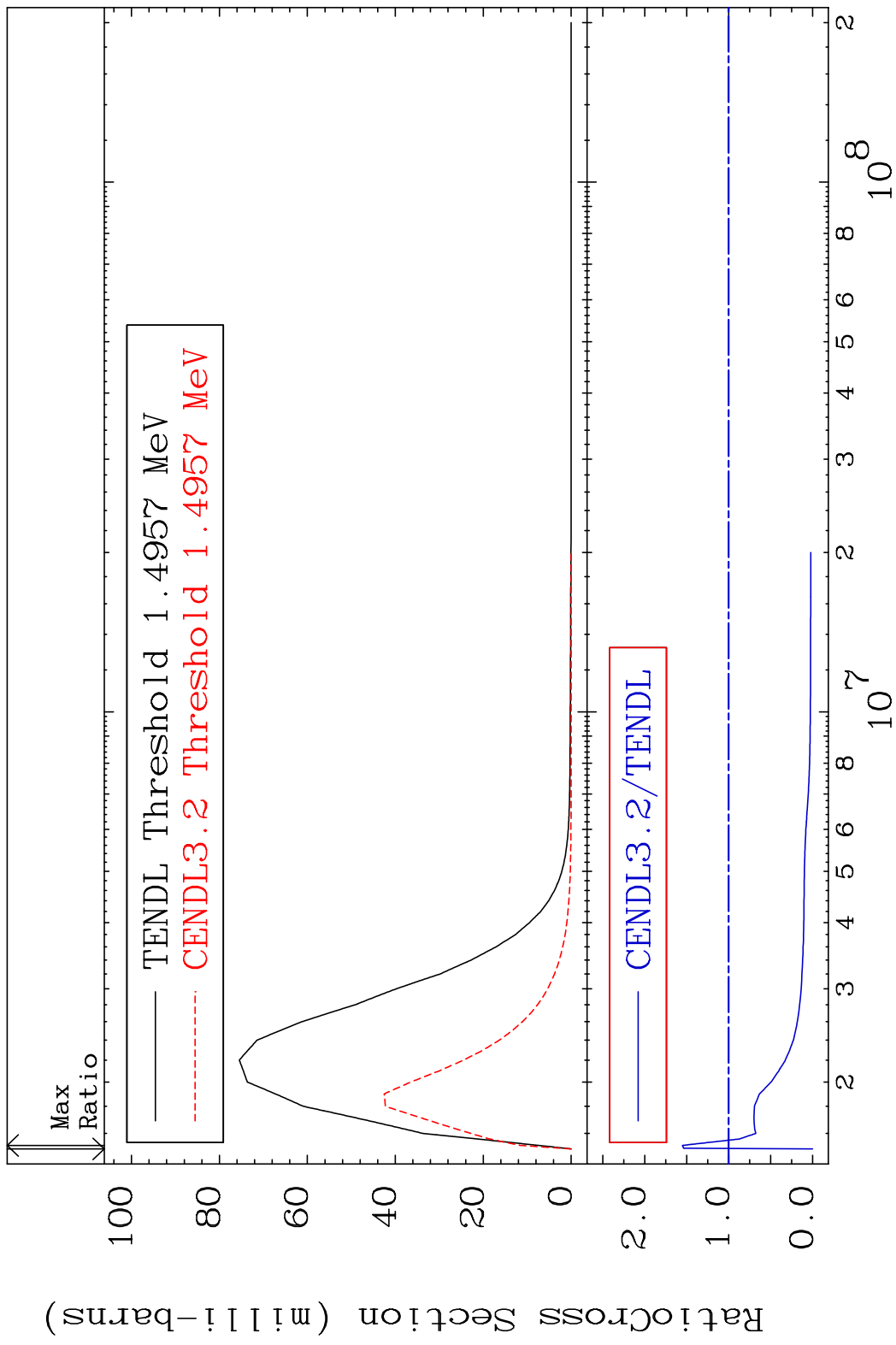
MAT 7431 MT= 60 (n,n') Level 74-W -182
 Cross Section -100.0 To -23.46%



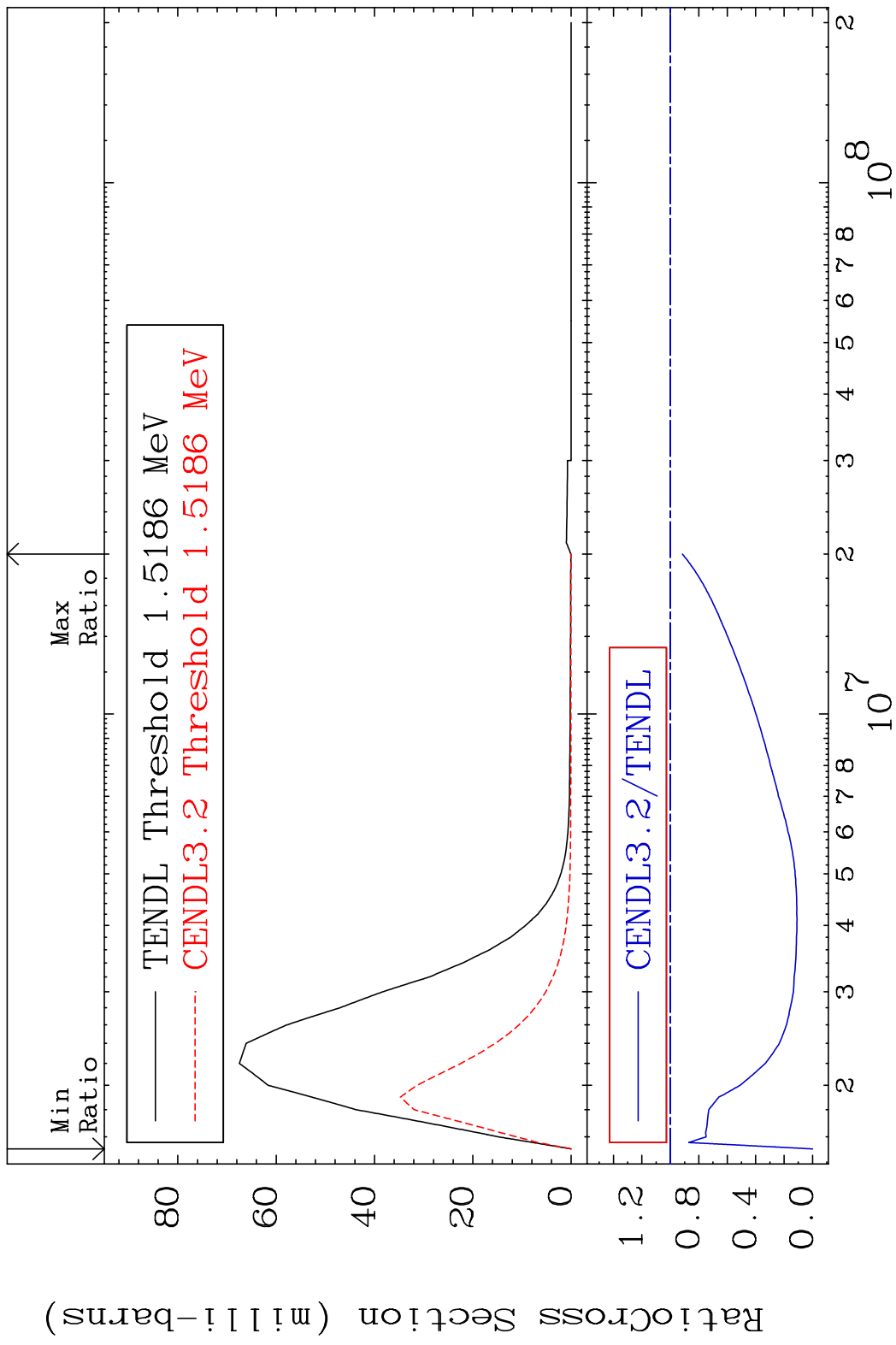
MAT 7431 MT= 61 (n, n') Level 74-W -182
 Cross Section -89.39 To -3.985%



MAT 7431 MT= 62 (n, n') Level 74-W -182
 Cross Section -100.0 To 55.15 %

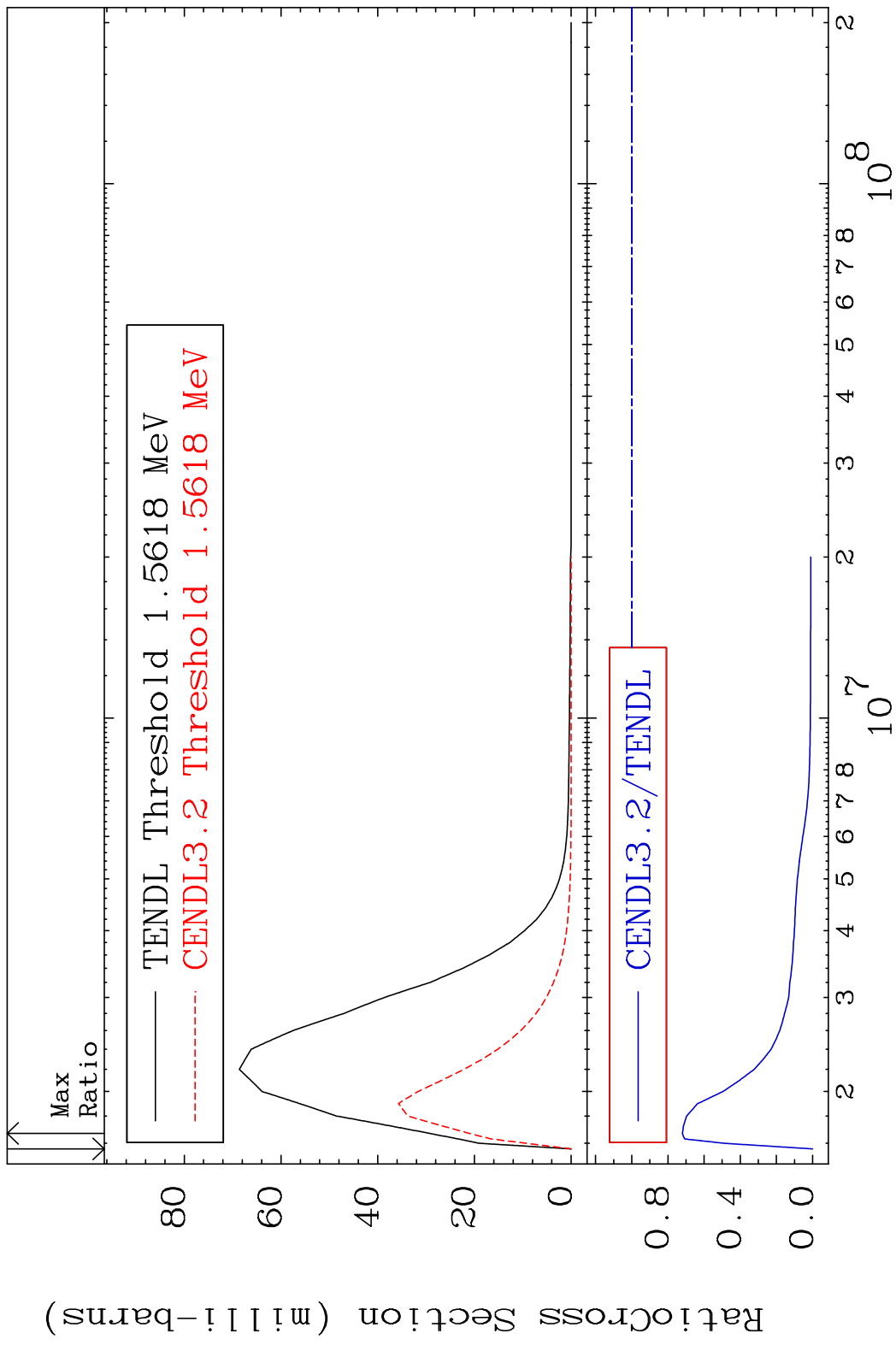


MAT 7431 MT= 63 (n, n') Level 74-W -182
 Cross Section -100.0 To -8.447%

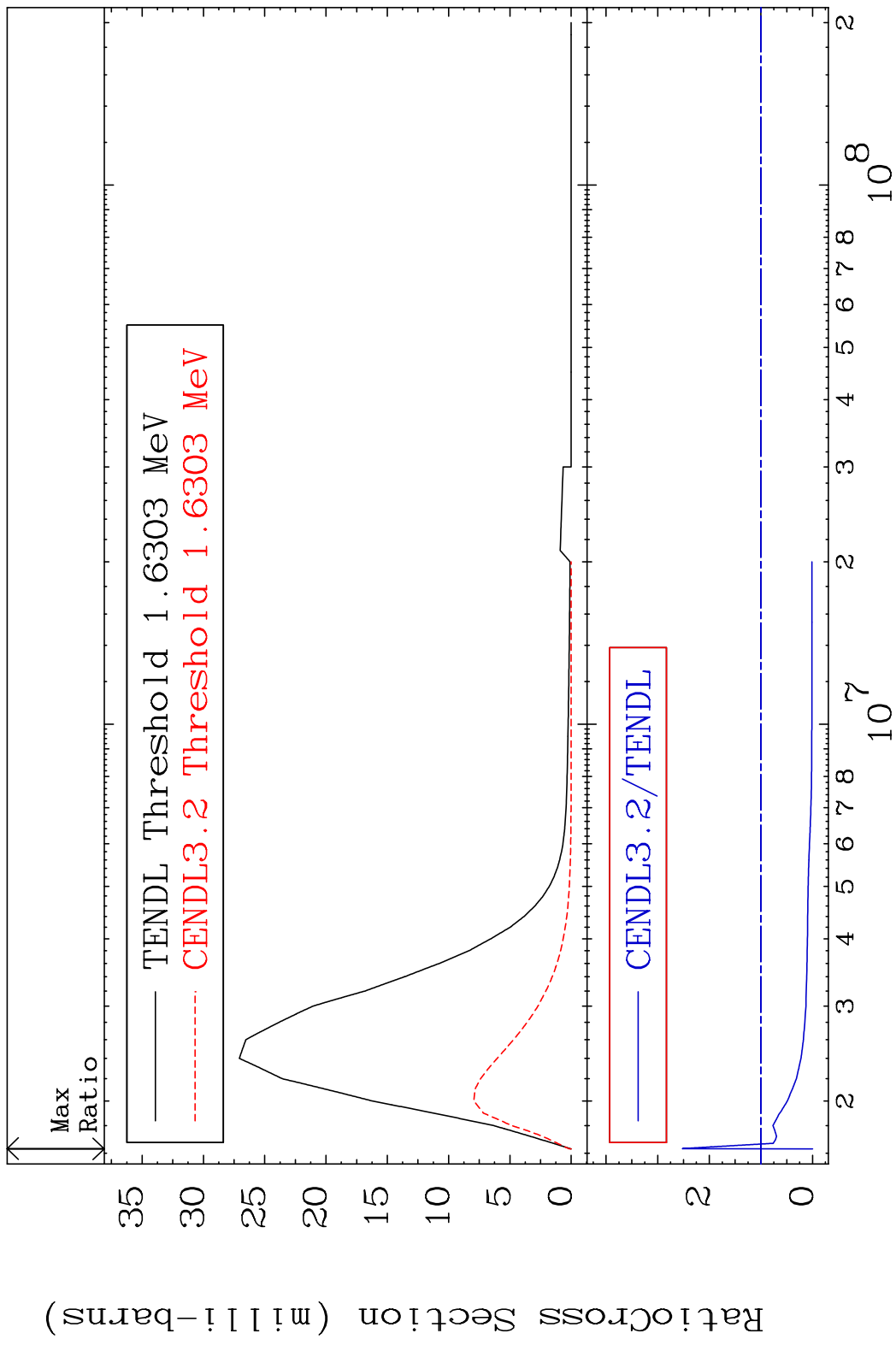


20 74-W -182

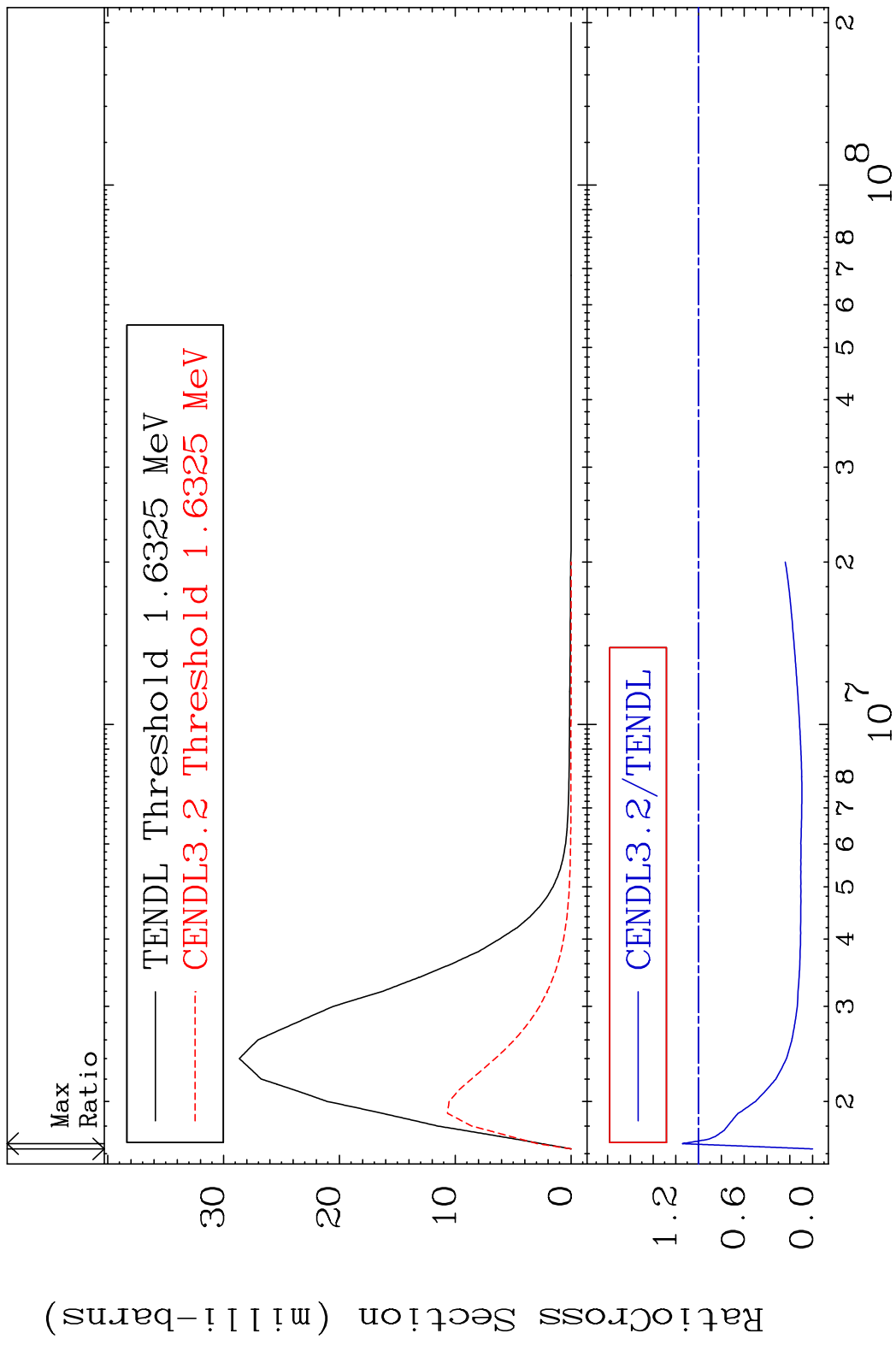
MAT 7431 MT= 64 (n, n') Level 74-W -182
 Cross Section -100.0 To -27.98%



MAT 7431 MT= 65 (n,n') Level 74-W -182
 Cross Section -100.0 To 152.2 %



MAT 7431 MT= 66 (n,n') Level 74-W -182
 Cross Section -100.0 To 14.32 %

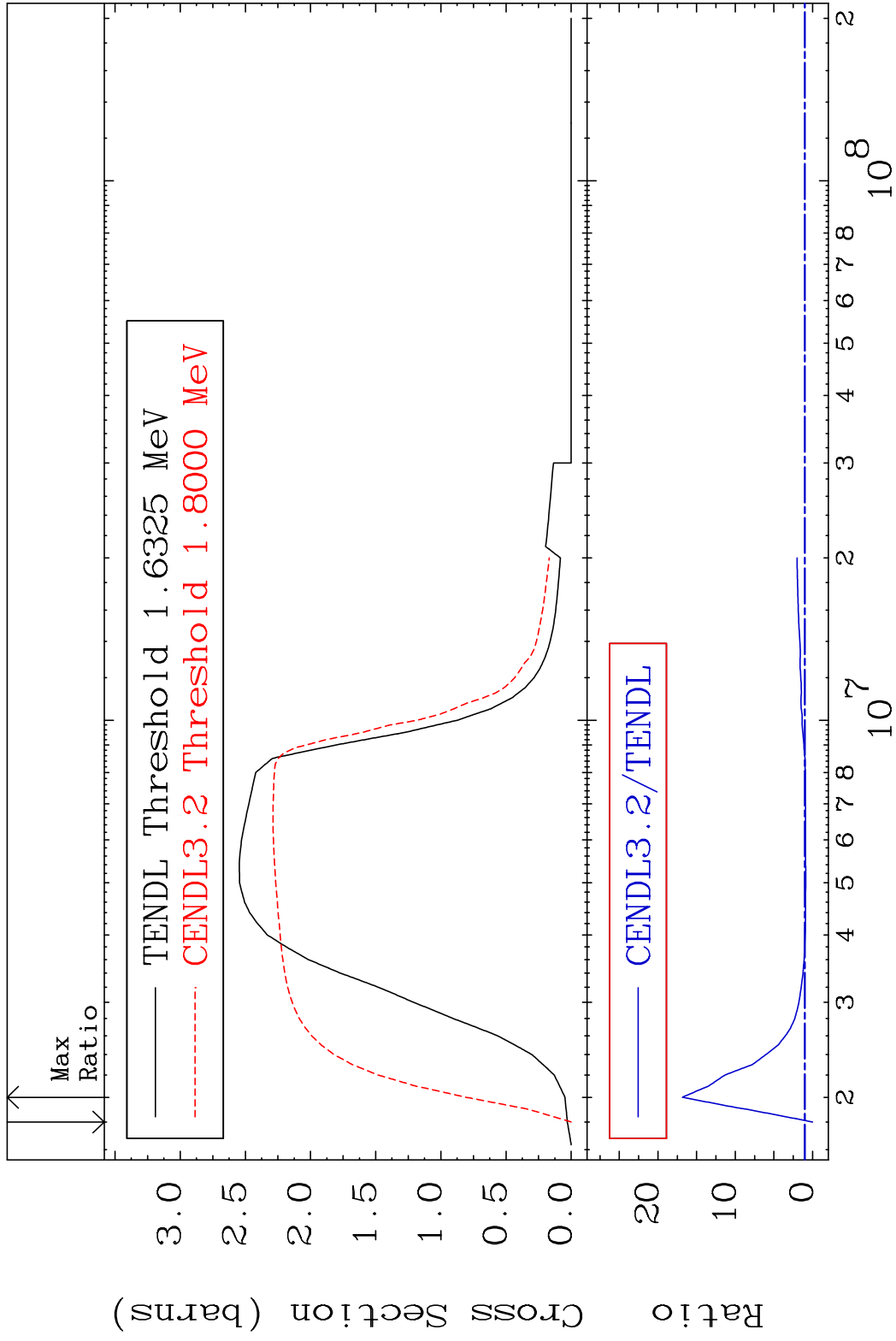


MAT 7431

(n, n') Continuum

74-W -182

Cross Section -100.0 To 1584. %



24

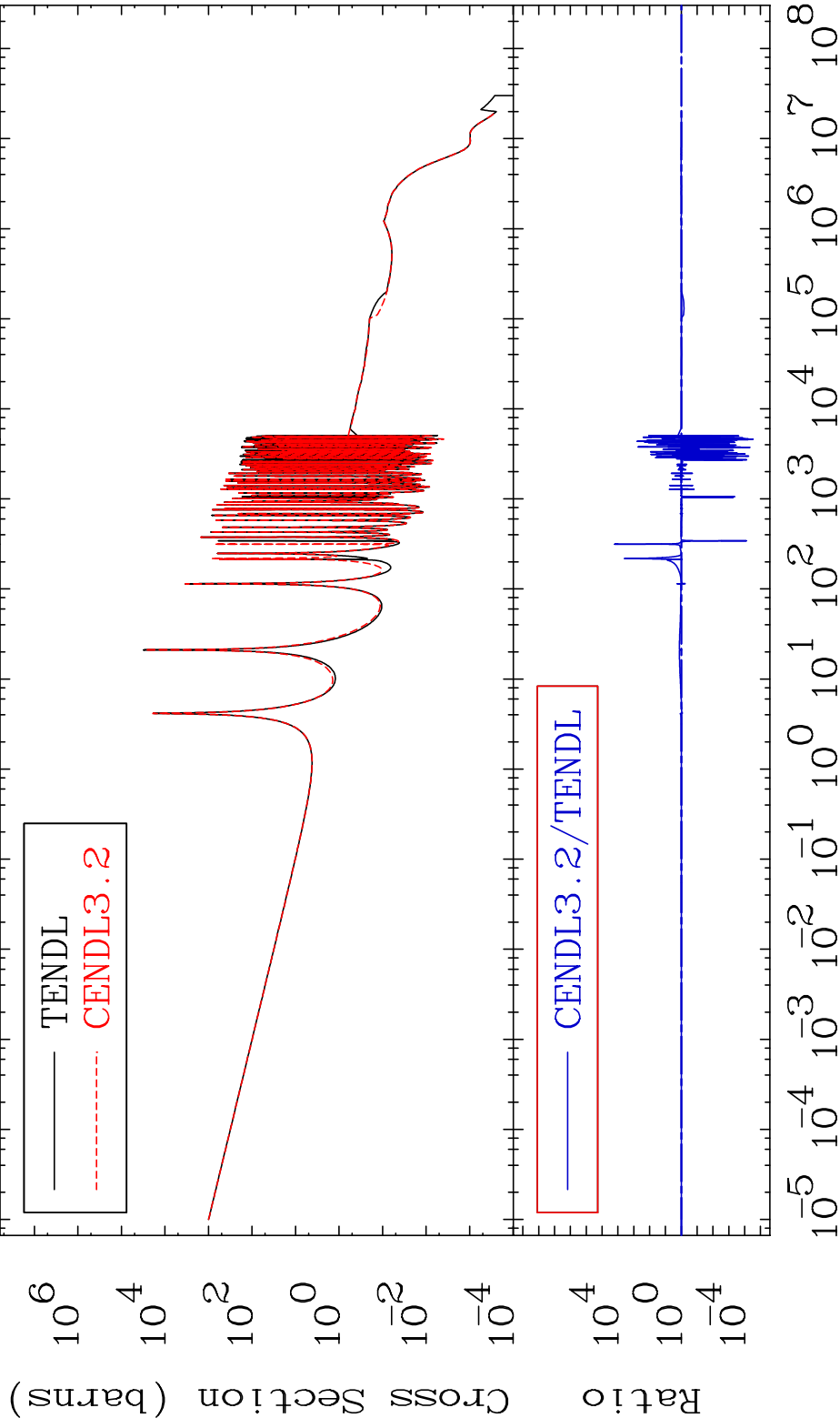
Incident Energy (eV)

74-W -182

MAT 7431

(n, γ)
Cross Section -100.0 To 9999. %

74-W -182



25

Incident Energy (eV)

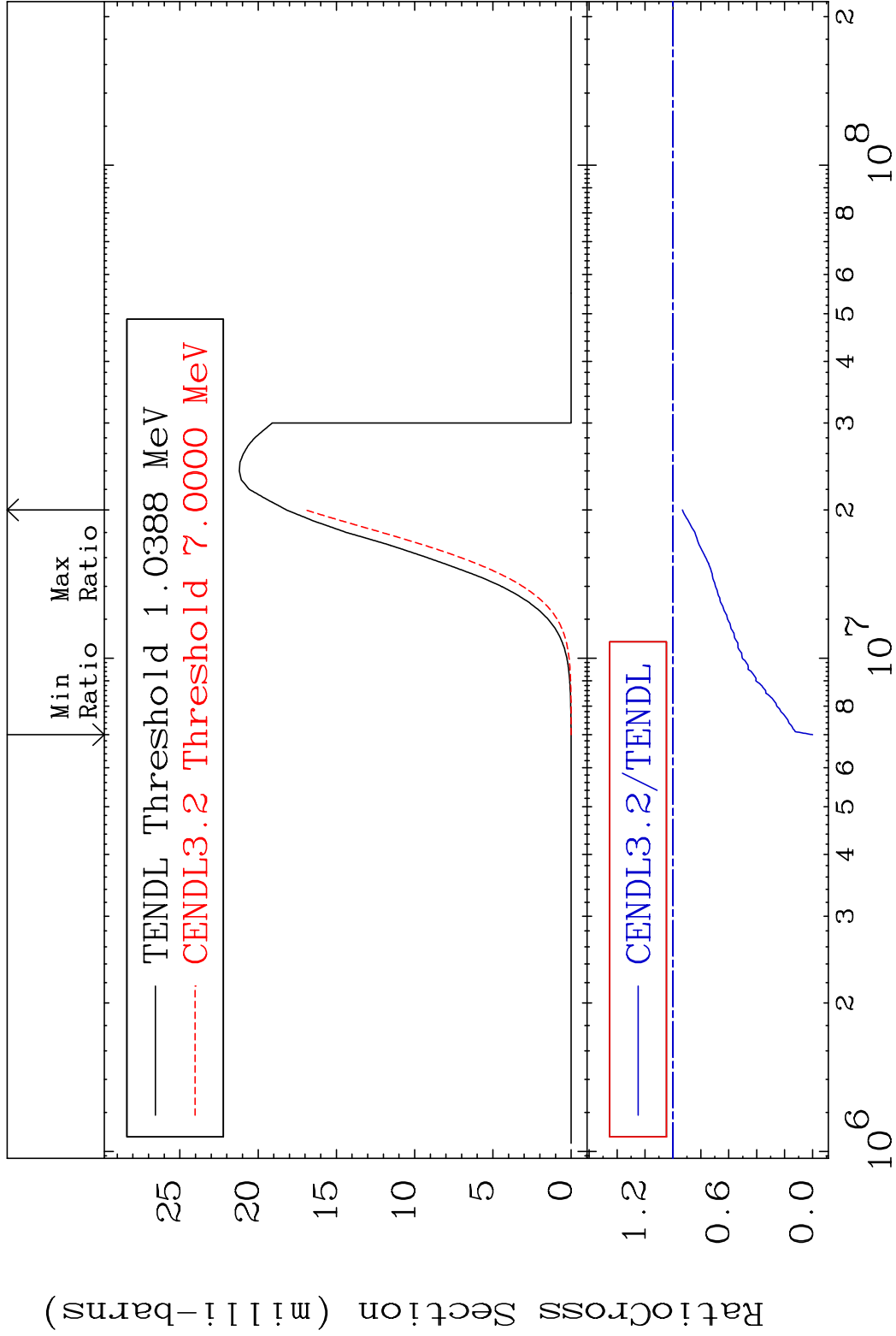
74-W -182

MAT 7431

(n, p)

74-W -182

Cross Section -100.0 To -6.751%

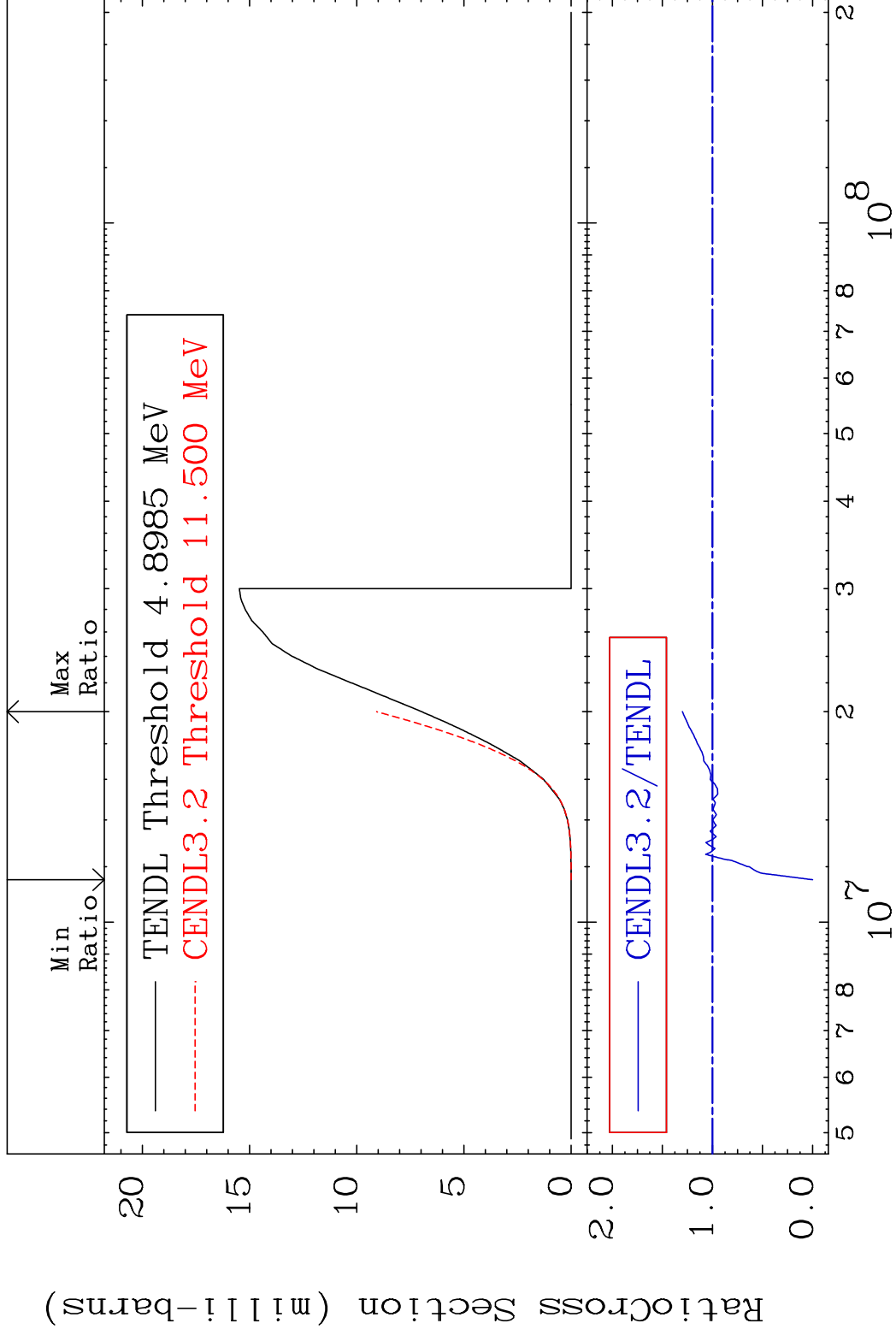


MAT 7431

(n, d)

74-W -182

Cross Section -100.0 To 30.06 %



27

Incident Energy (eV)

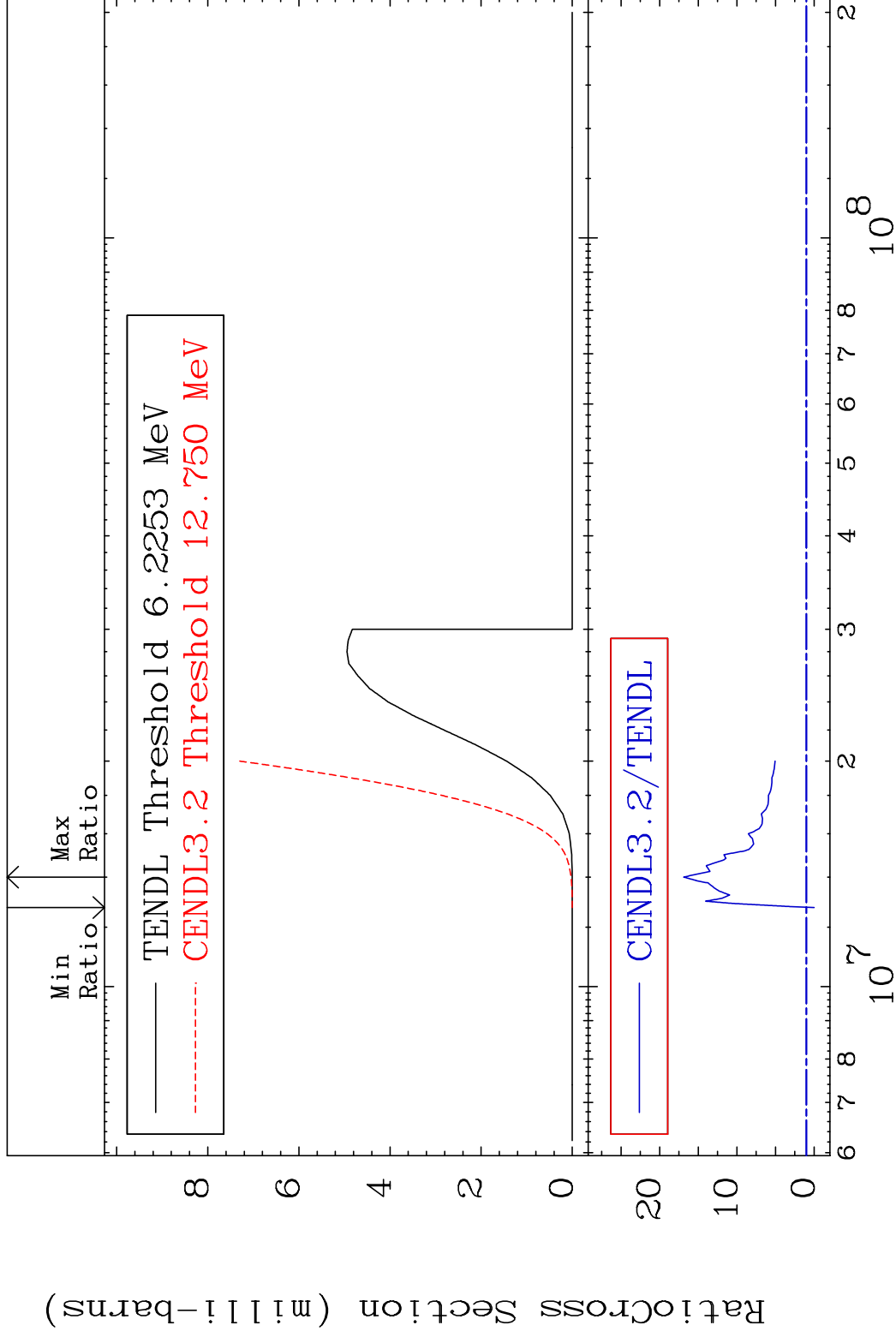
74-W -182

MAT 7431

(n, t)

74-W -182

Cross Section -100.0 To 1589. %



28

Incident Energy (eV)

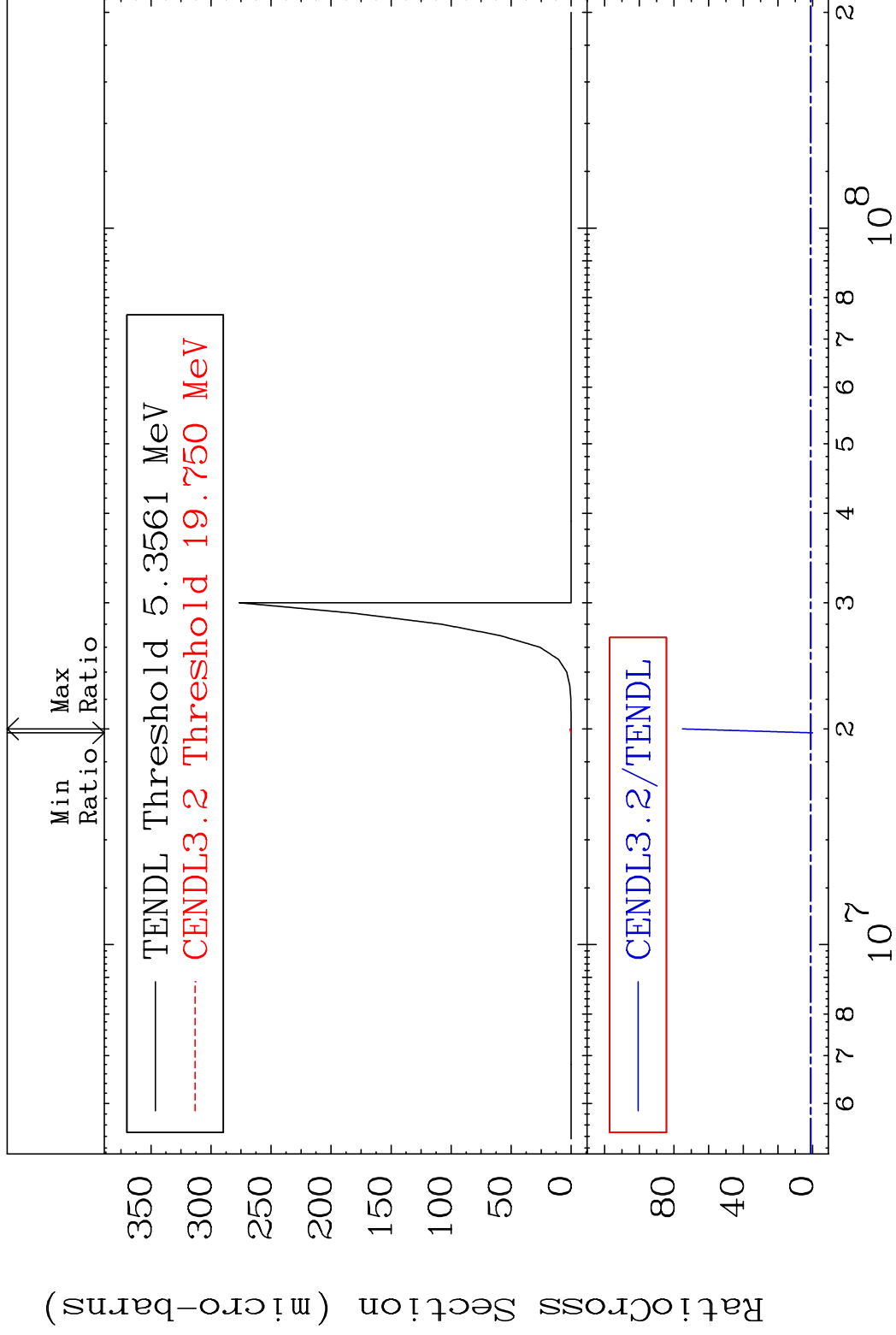
74-W -182

MAT 7431

(n, He-3)

74-W -182

Cross Section -100.0 To 7412. %



29

Incident Energy (eV)

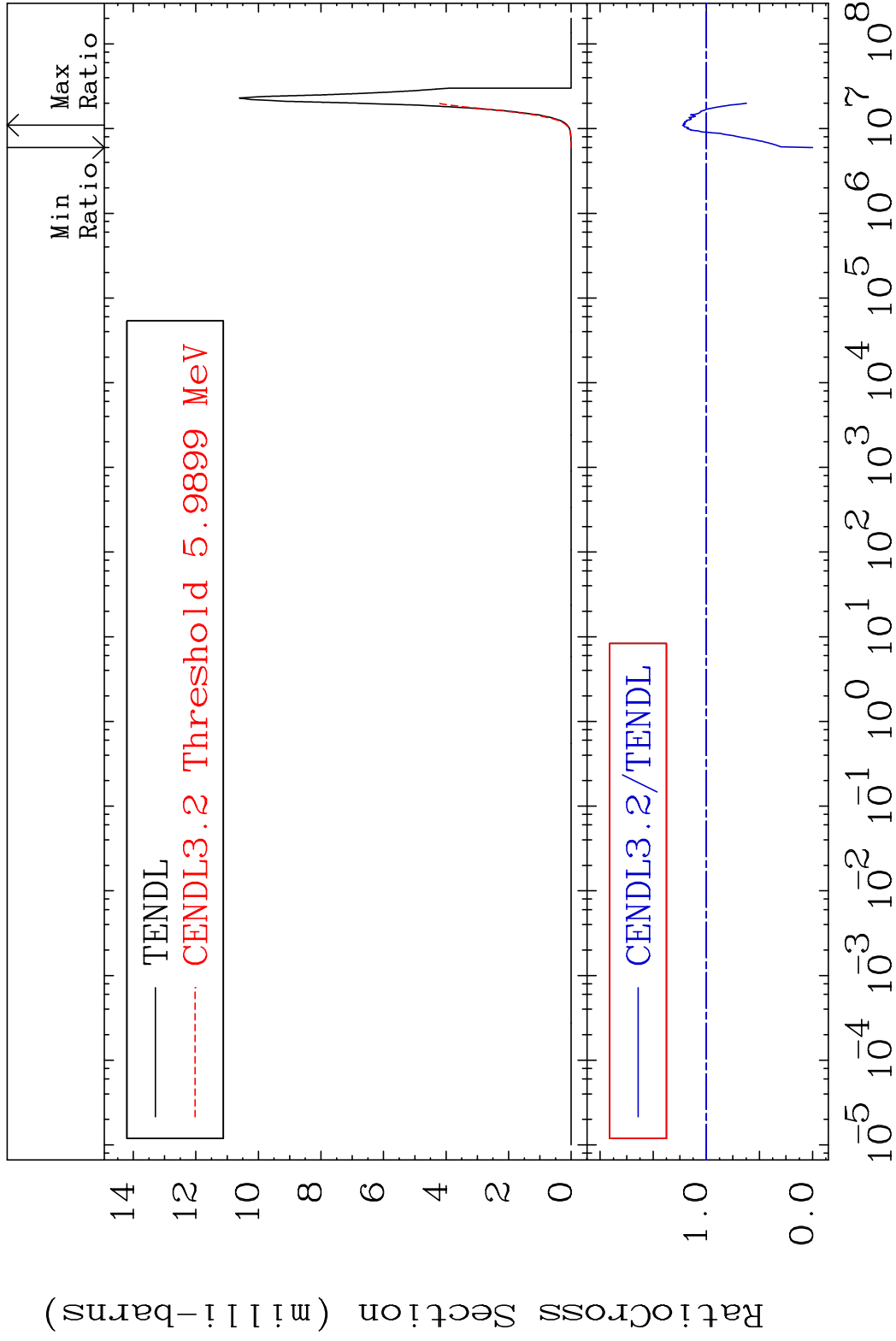
74-W -182

MAT 7431

(n, α)

74-W -182

Cross Section -100.0 To 22.59 %



30

Incident Energy (eV)

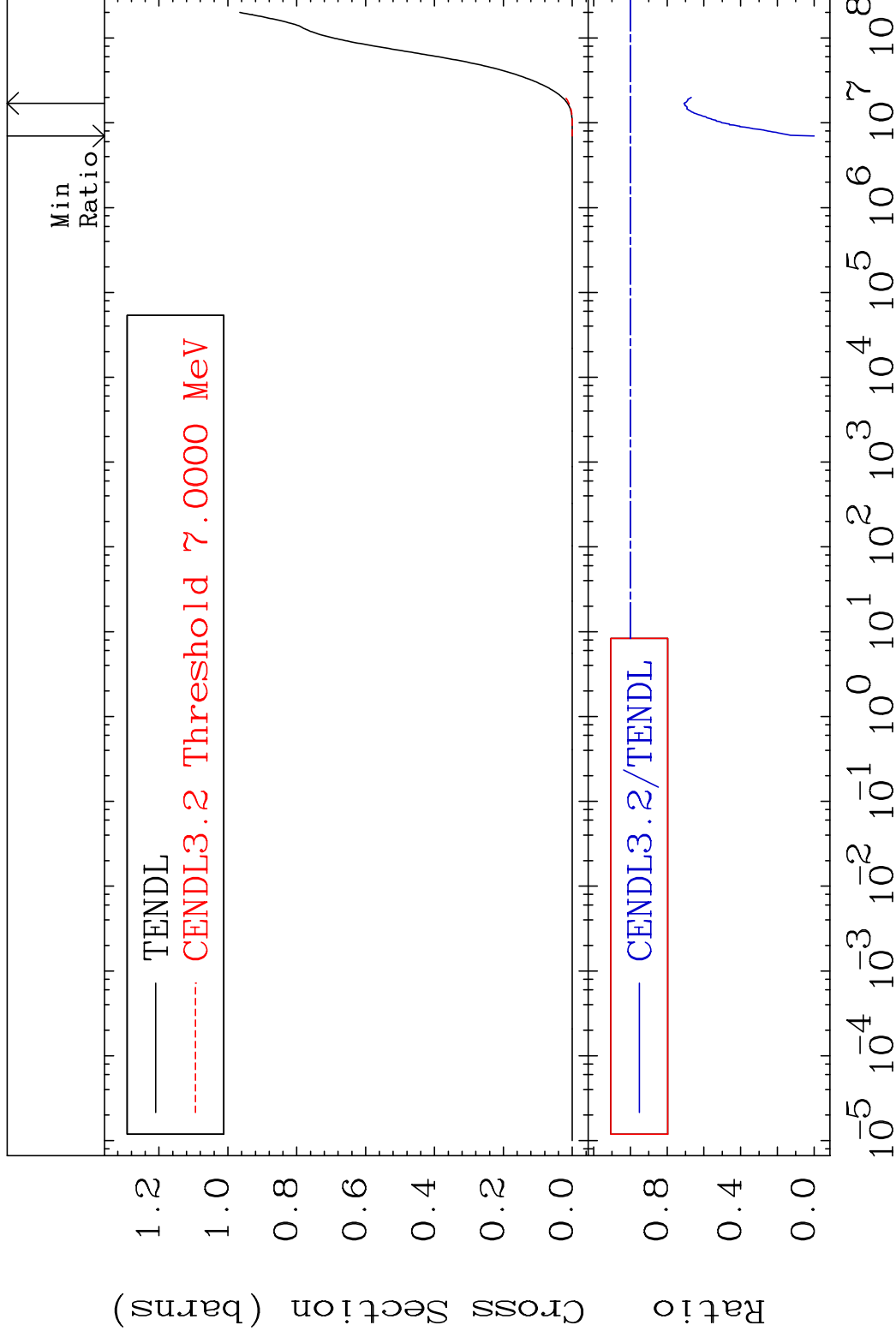
74-W -182

MAT 7431

Hydrogen Production

74-W -182

Cross Section -100.0 To -28.98%



31

Incident Energy (eV)

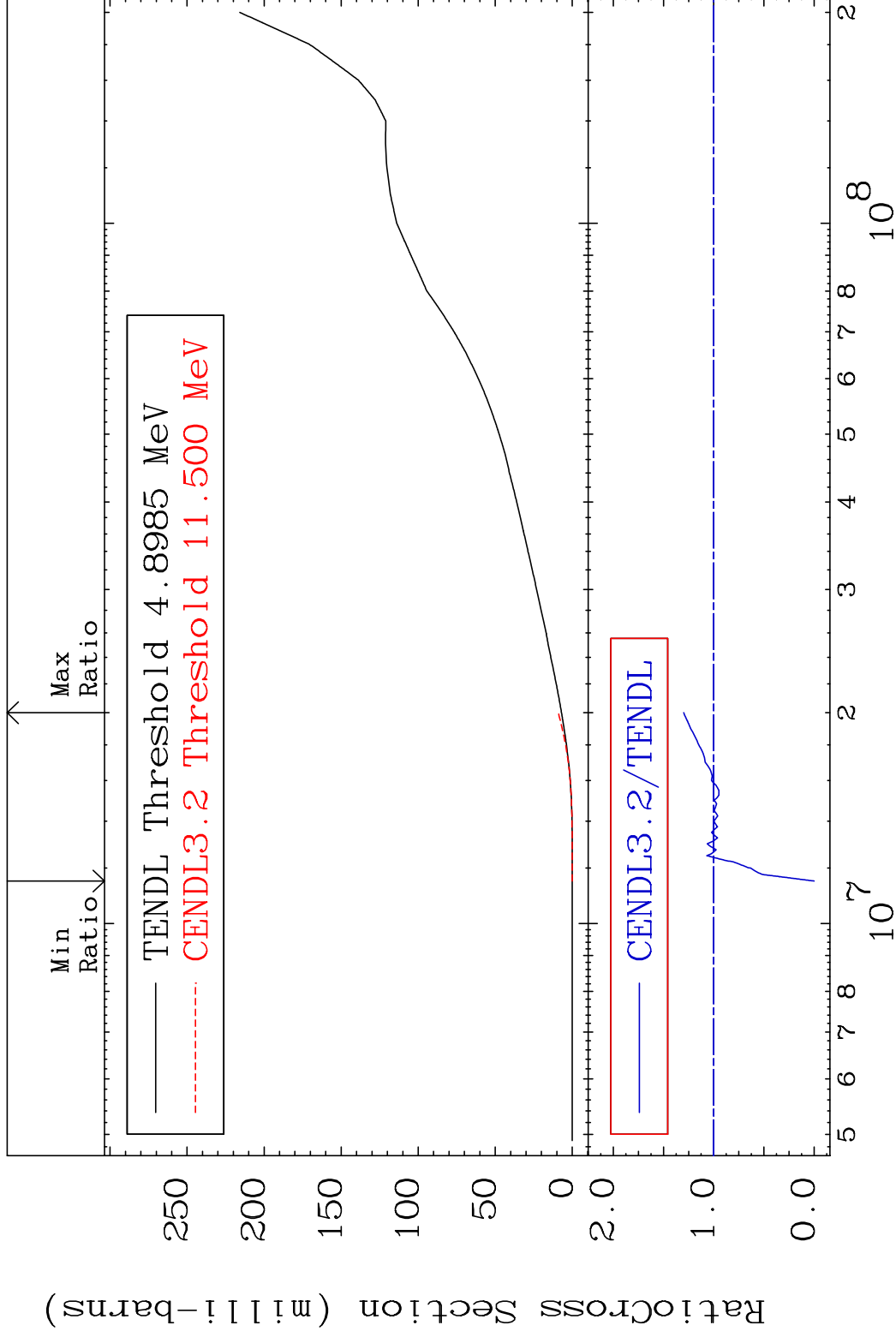
74-W -182

MAT 7431

Deuterium Production

74-W -182

Cross Section -100.0 To 29.93 %



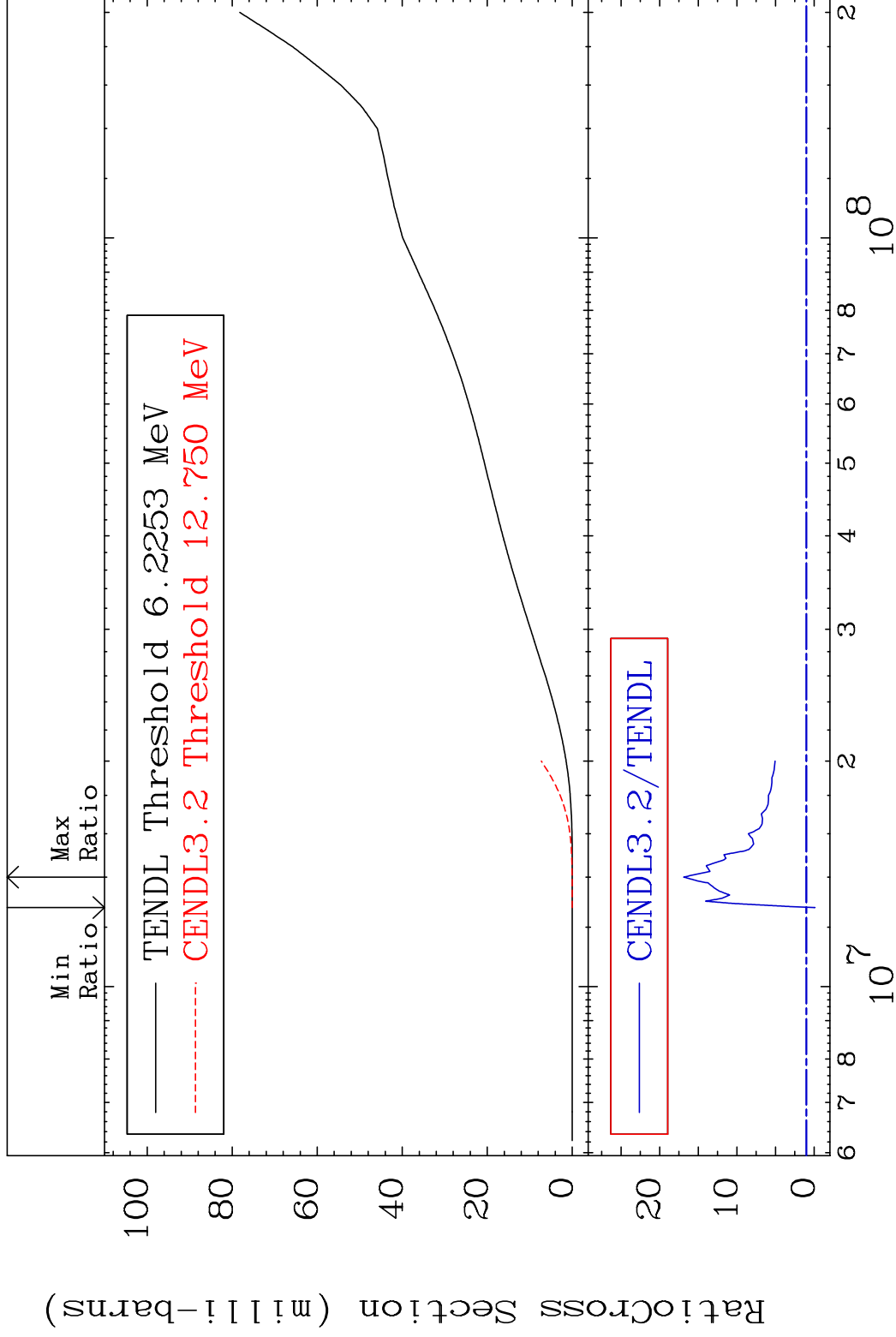
32

Incident Energy (eV)

74-W -182

MAT 7431

Tritium Production 74-W -182
Cross Section -100.0 To 1589. %



33

Incident Energy (eV)

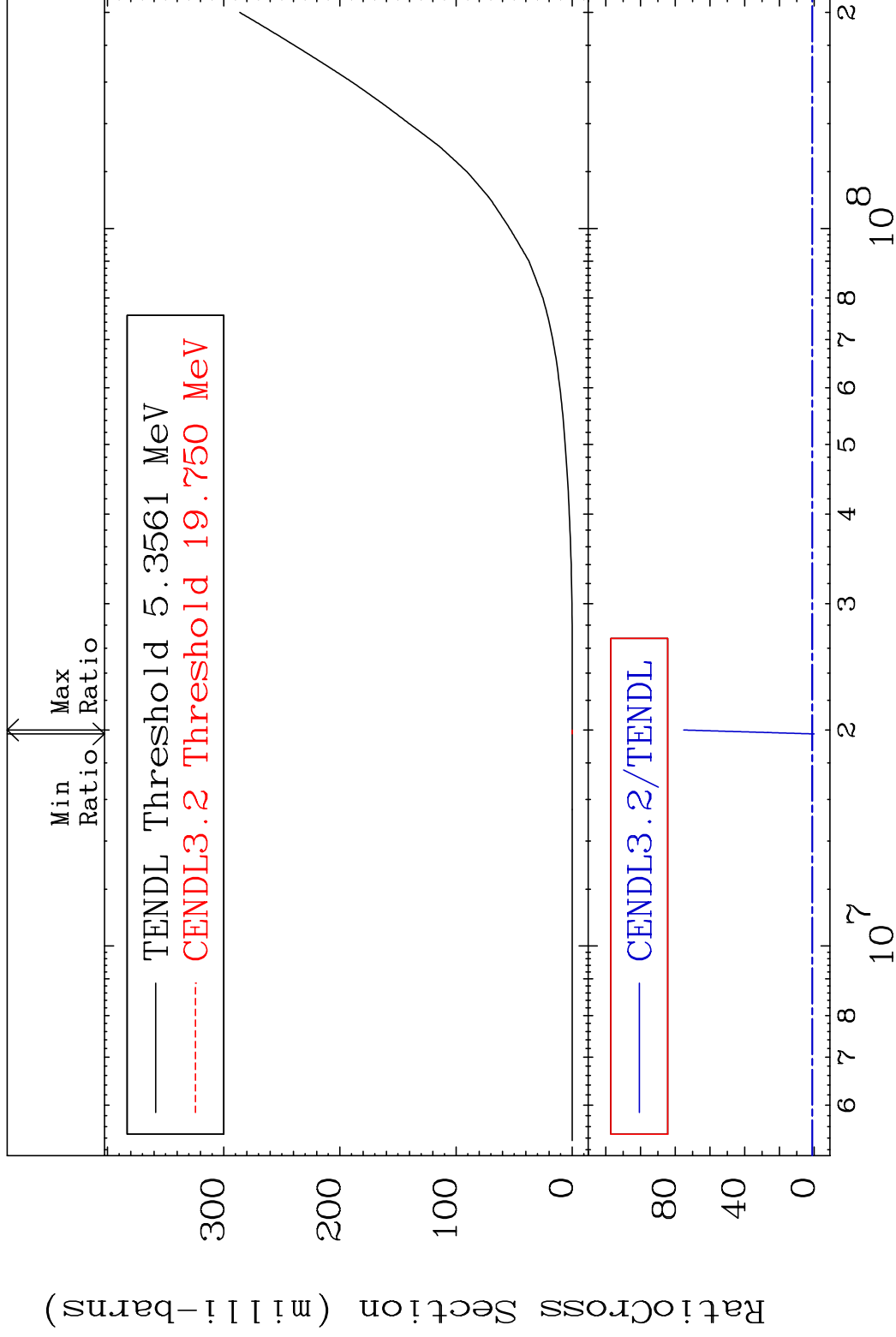
74-W -182

MAT 7431

He-3 Production

74-W -182

Cross Section -100.0 To 7412. %



34

Incident Energy (eV)

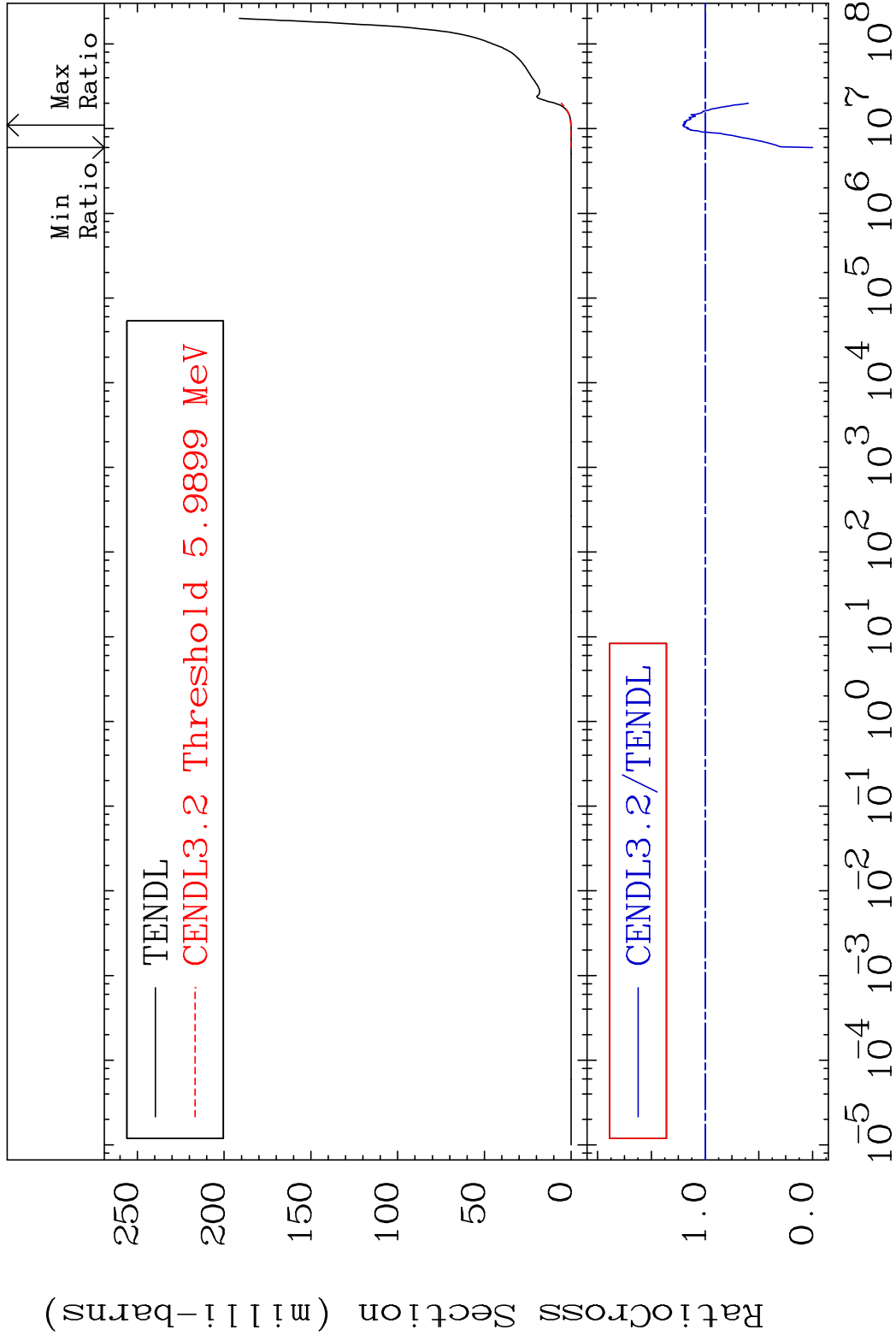
74-W -182

MAT 7431

He-4 Production

74-W -182

Cross Section -100.0 To 21.18 %

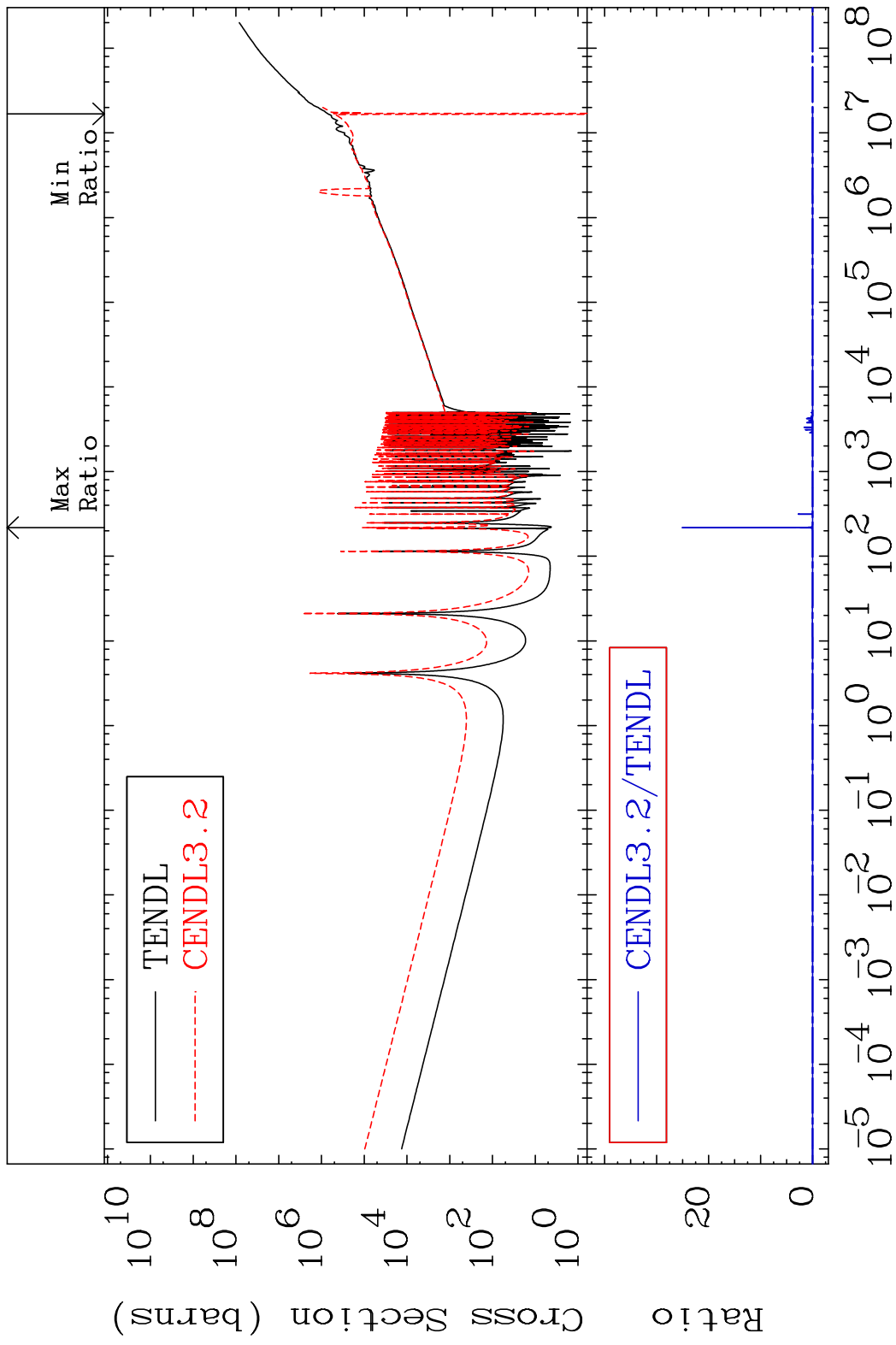


35

Incident Energy (eV)

74-W -182

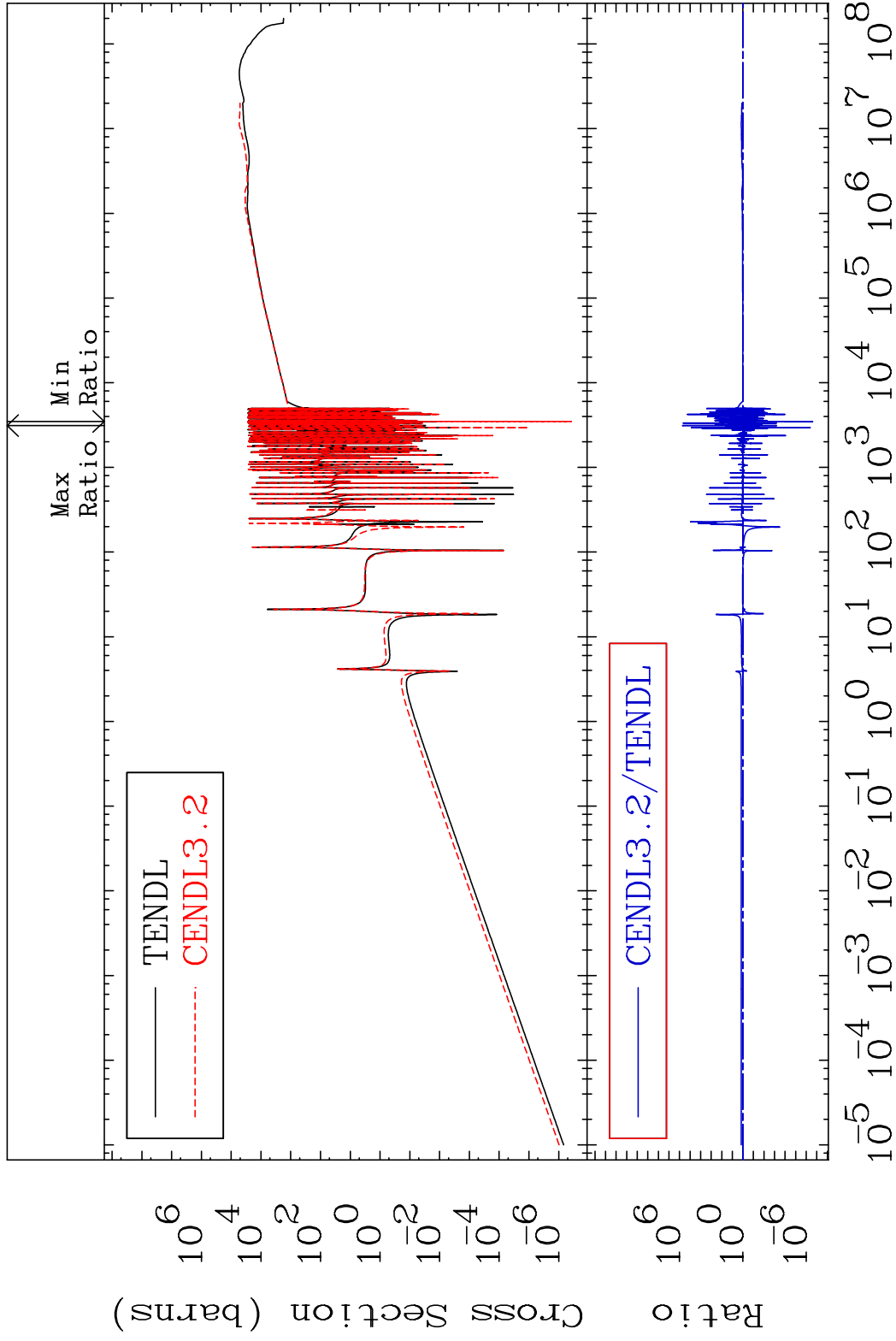
MAT 7431 Kerma total (eV-barns) 74-W -182
 Cross Section -491.0 To 9999. %



36 Incident Energy (eV) 74-W -182

MAT 7431

Kerma elastic
Cross Section -100.0 To 9999. %
74-W -182

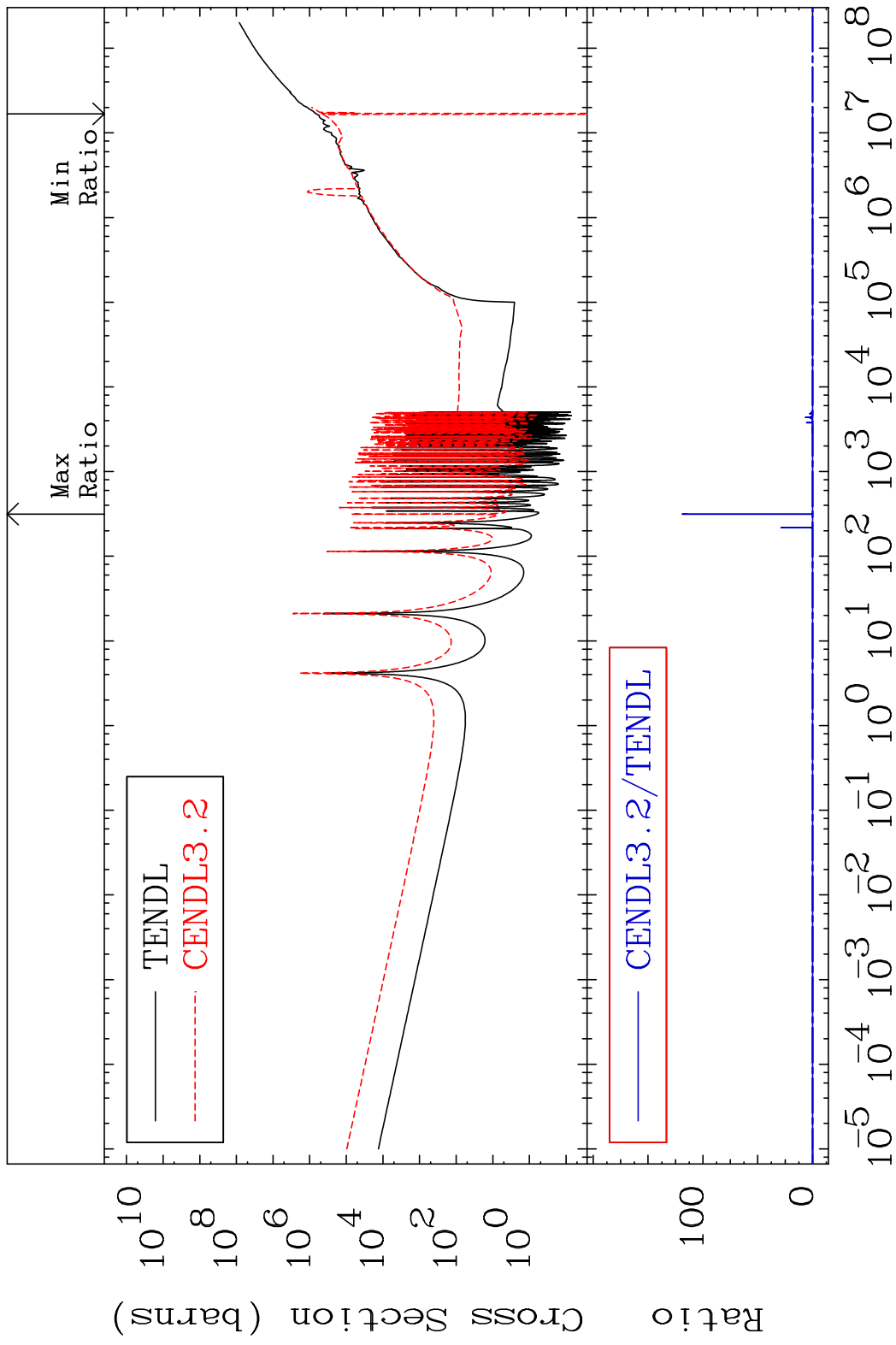


37

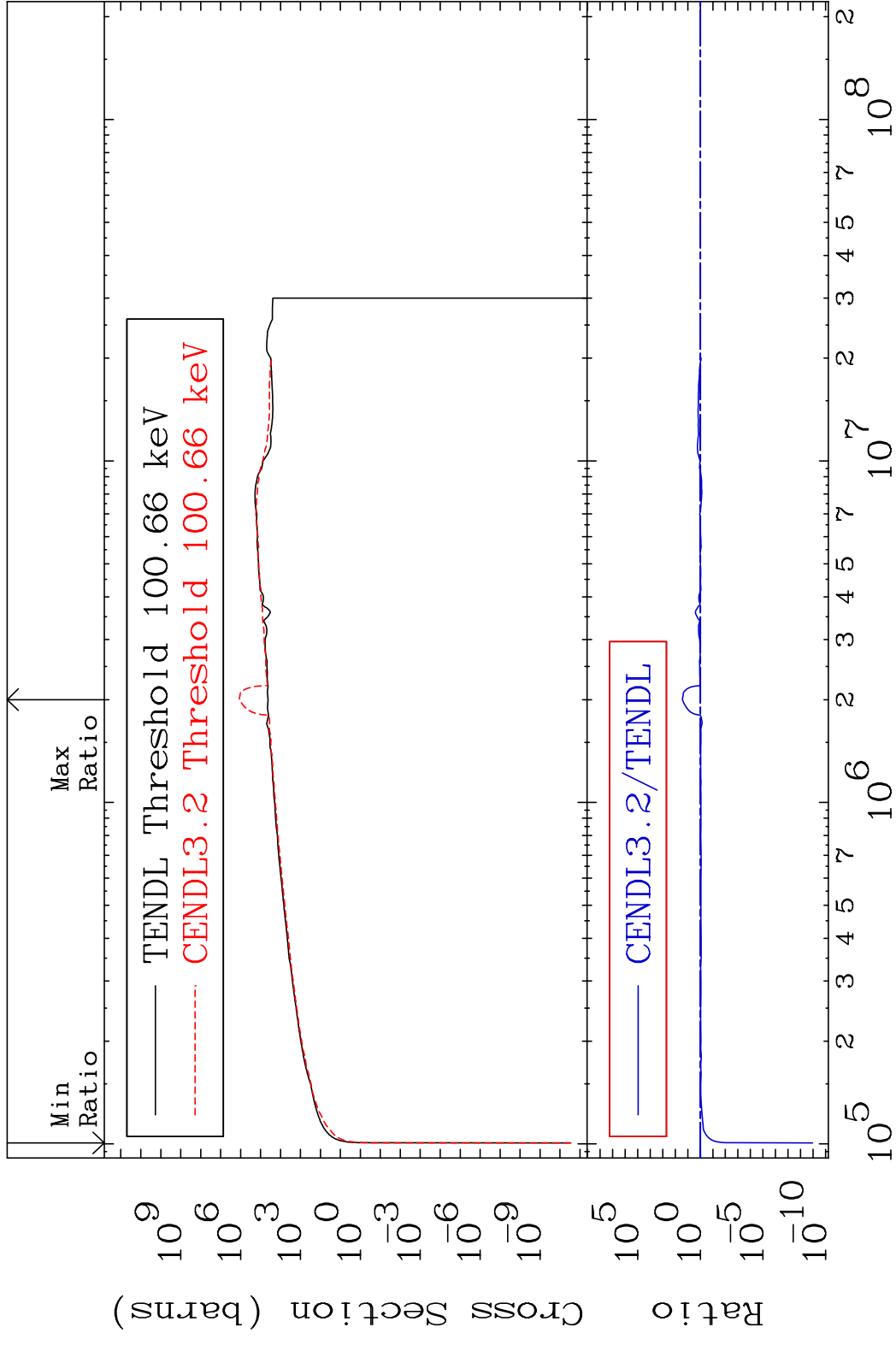
Incident Energy (eV)

74-W -182

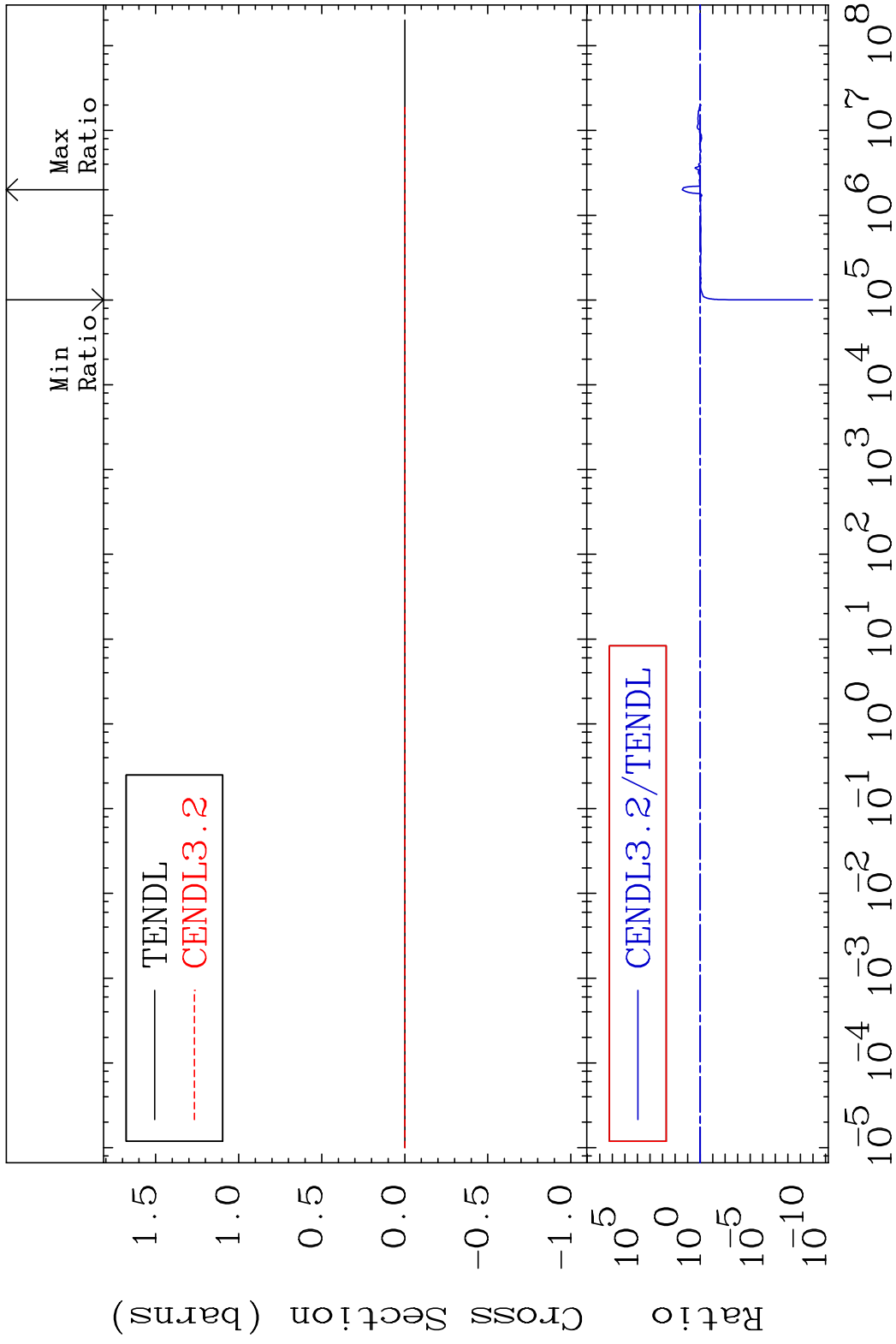
MAT 7431 Kerma non-elastic (all but mt2) 74-W -182
 Cross Section -522.8 To 9999. %



MAT 7431 Kerma inelastic (mt51-91) 74-W -182
 Cross Section -100.0 To 2621. %



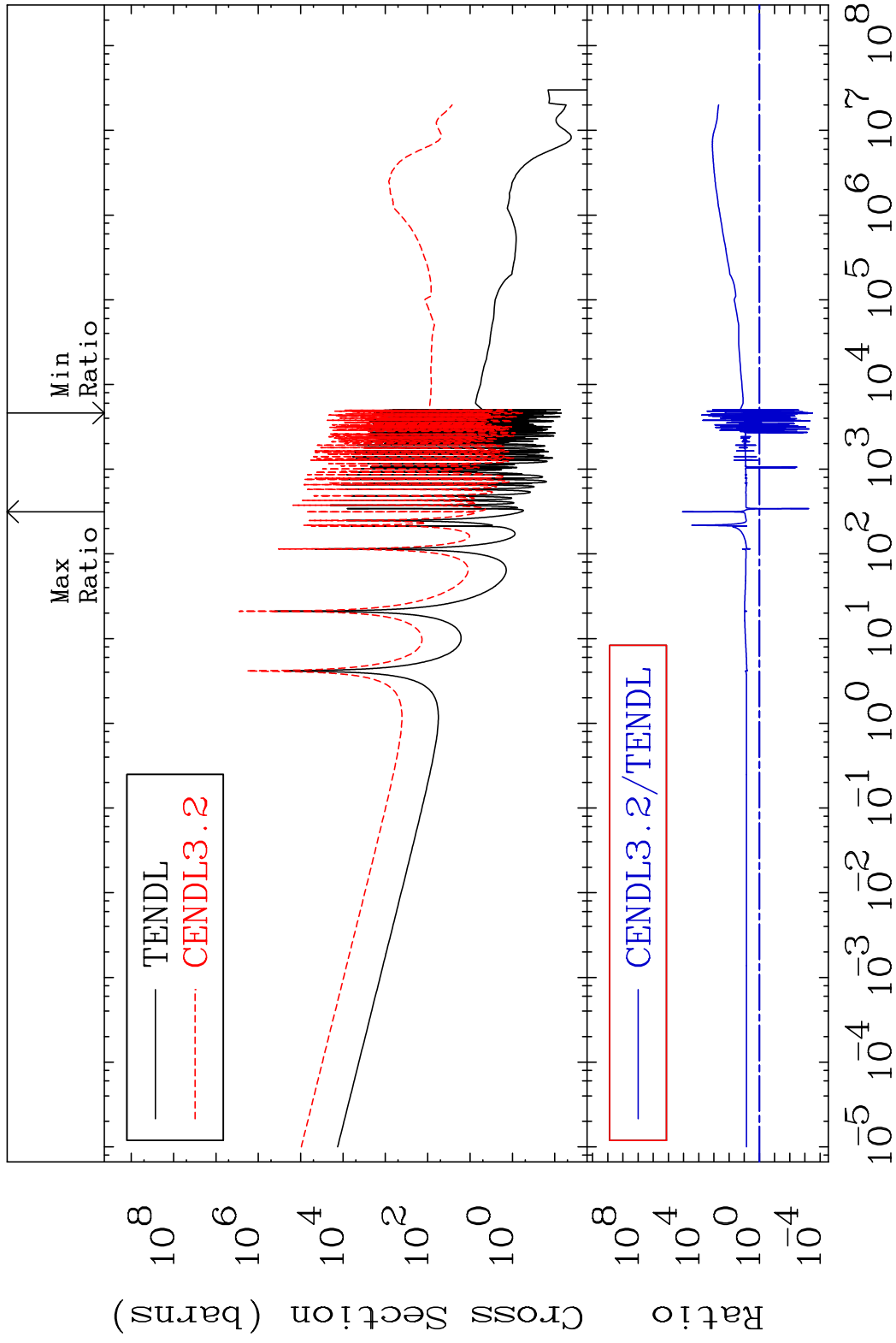
MAT 7431 Kerma fission (mt18 or mt19-20-21-38)74-W -182
 Cross Section -100.0 To 2621. %



MAT 7431

Kerma capture (mt102) 74-W -182

Cross Section -99.97 To 9999. %

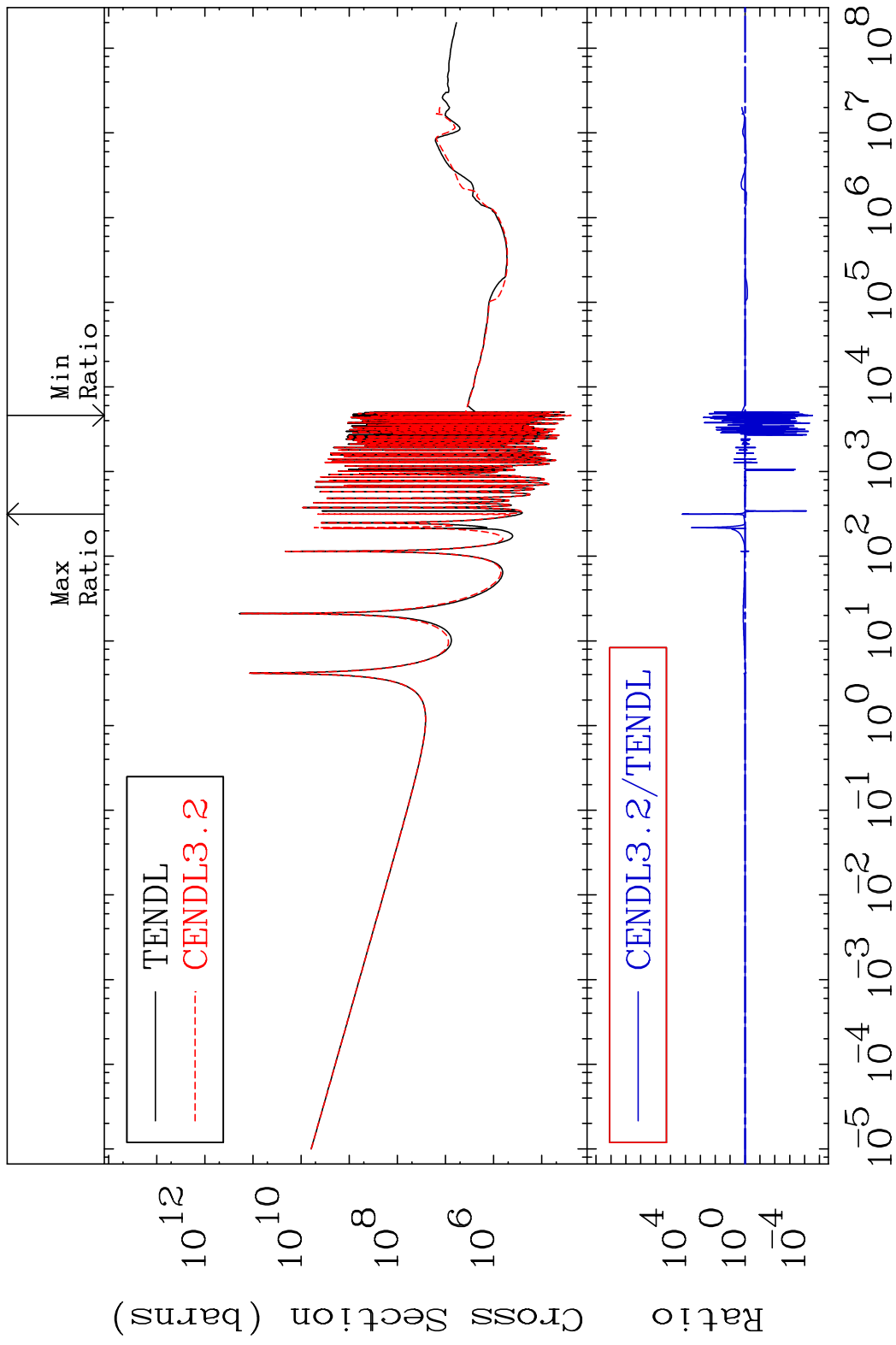


41

Incident Energy (eV)

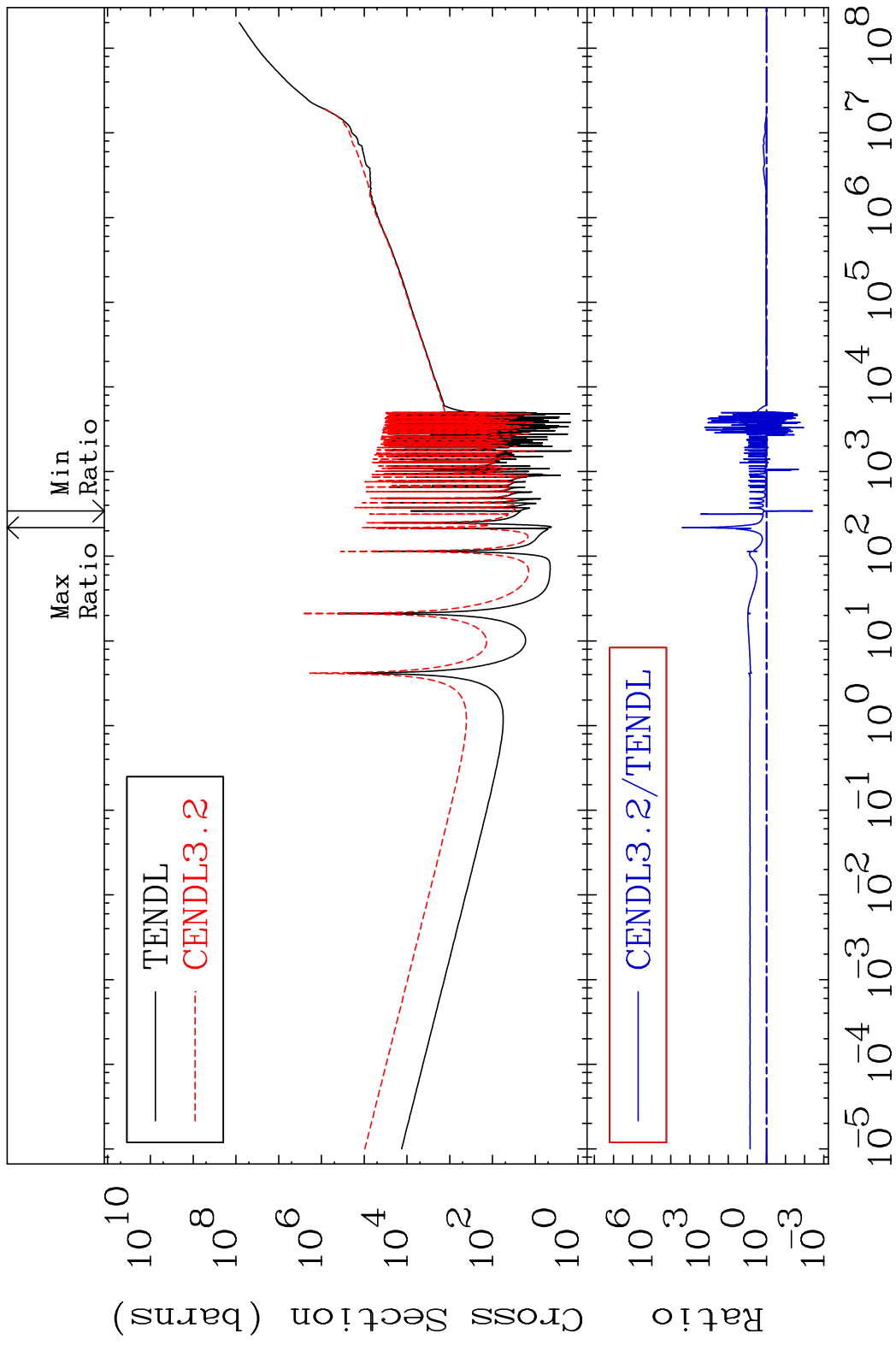
74-W -182

MAT 7431 Total photon (eV-barns) 74-W -182
 Cross Section -100.0 To 9999. %



42 Incident Energy (eV) 74-W -182

MAT 7431 Total kinematic kerma (high limit) 74-W -182
 Cross Section -99.61 To 9999. %

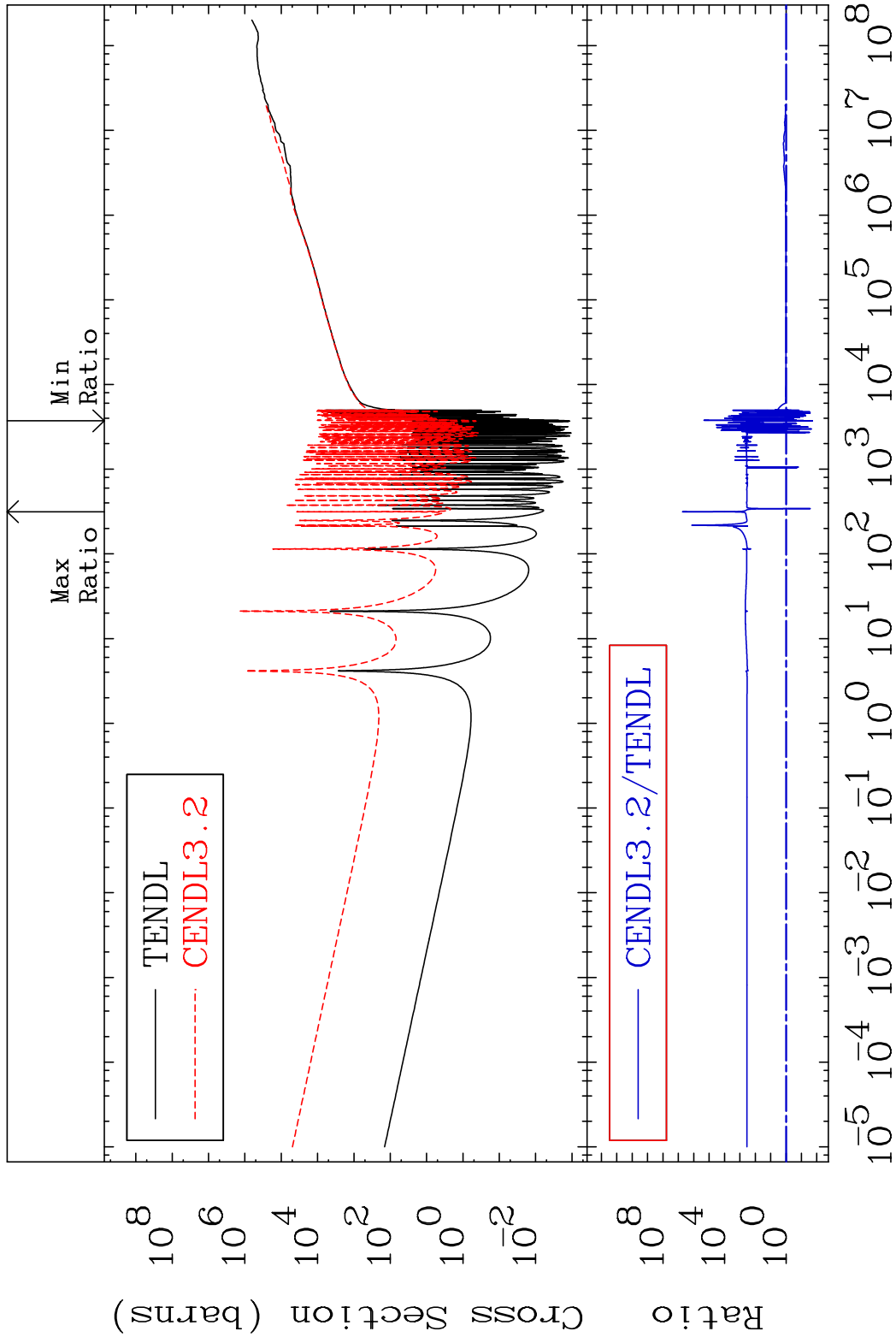


MAT 7431

Dpa total (eV-barns)

74-W -182

Cross Section -98.11 To 9999. %



44

Incident Energy (eV)

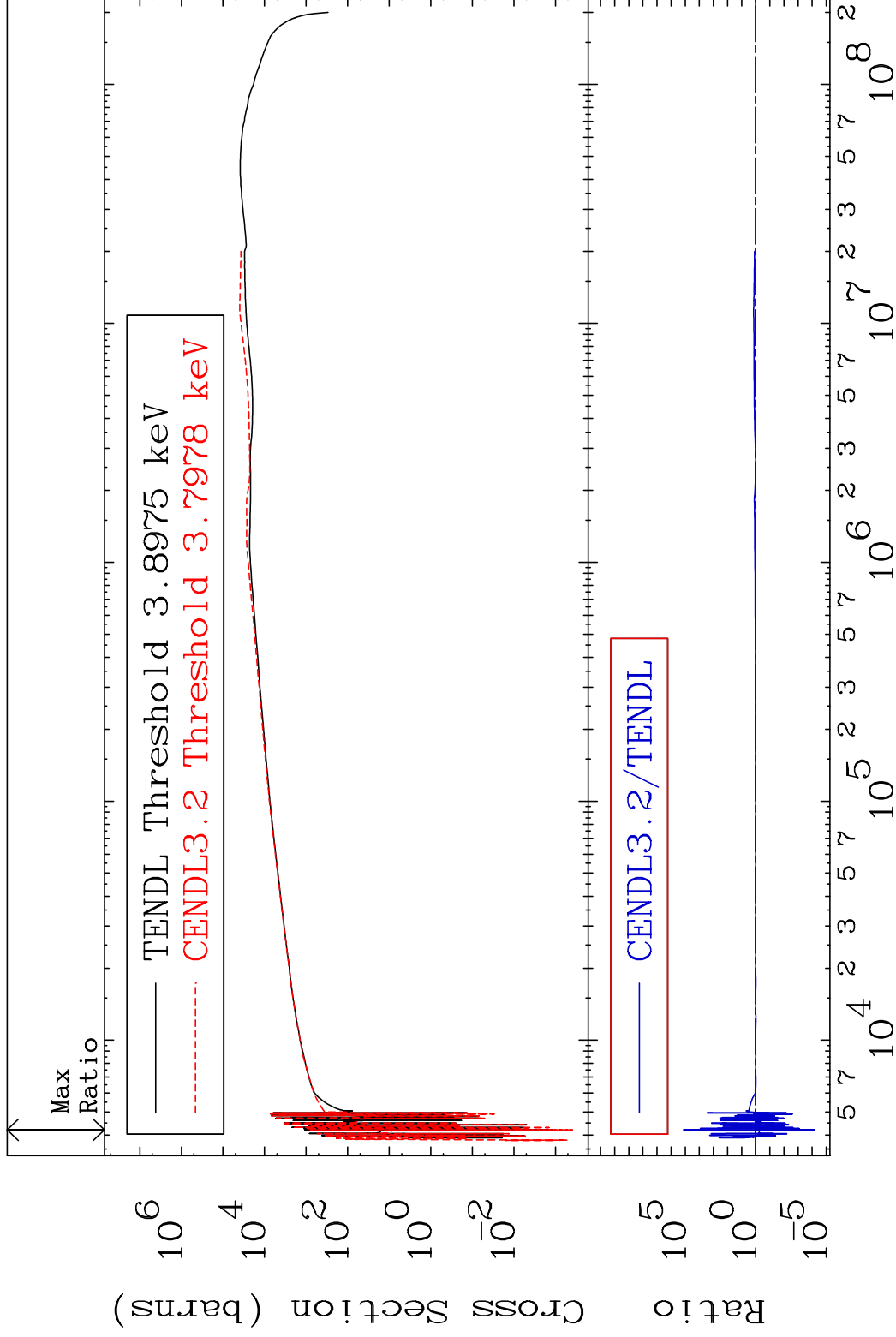
74-W -182

MAT 7431

Dpa elastic (mt2)

74-W -182

Cross Section -99.99 To 9999. %



45

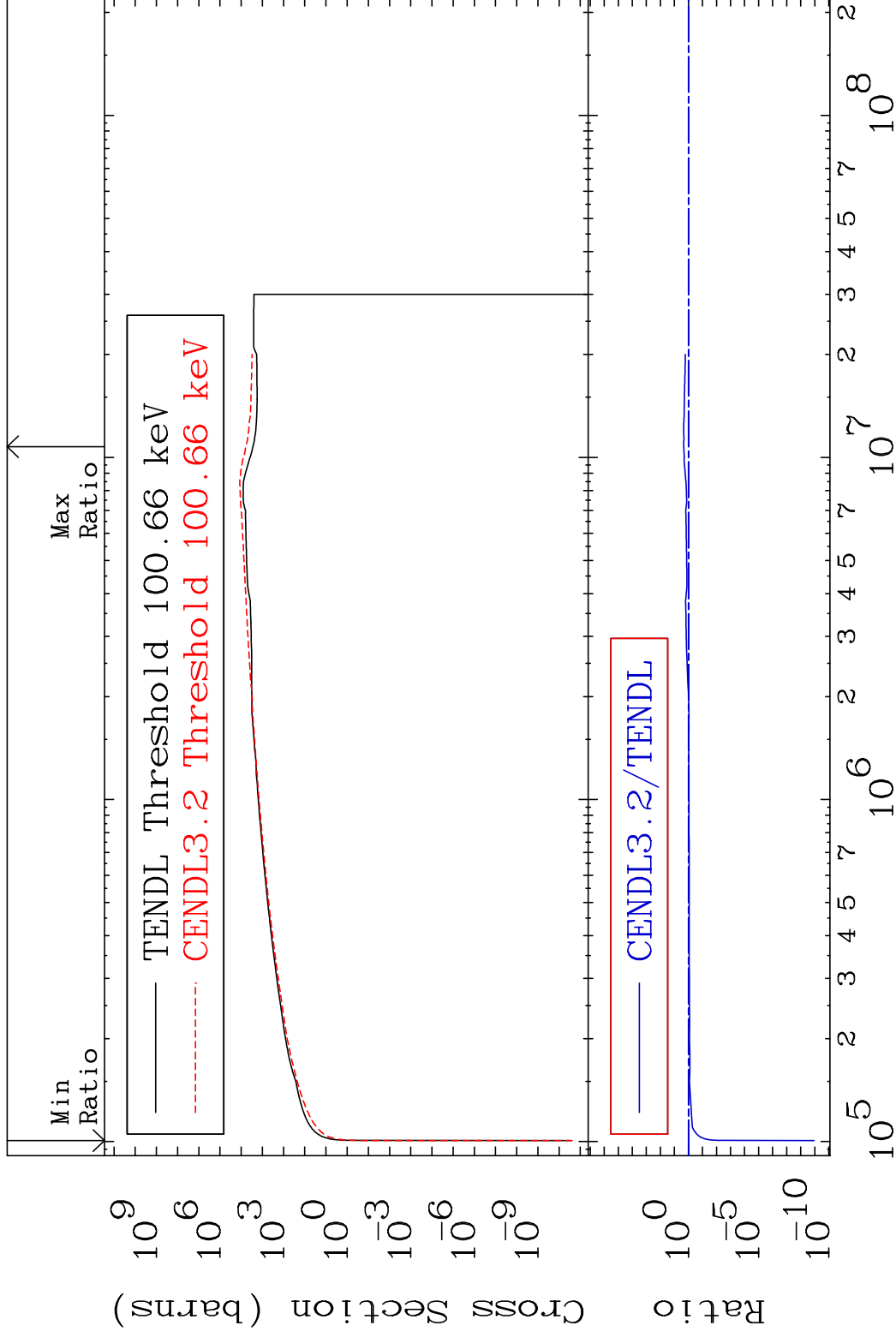
Incident Energy (eV)

74-W -182

MAT 7431

Dpa inelastic (mt51-91) 74-W -182

Cross Section -100.0 To 119.1 %

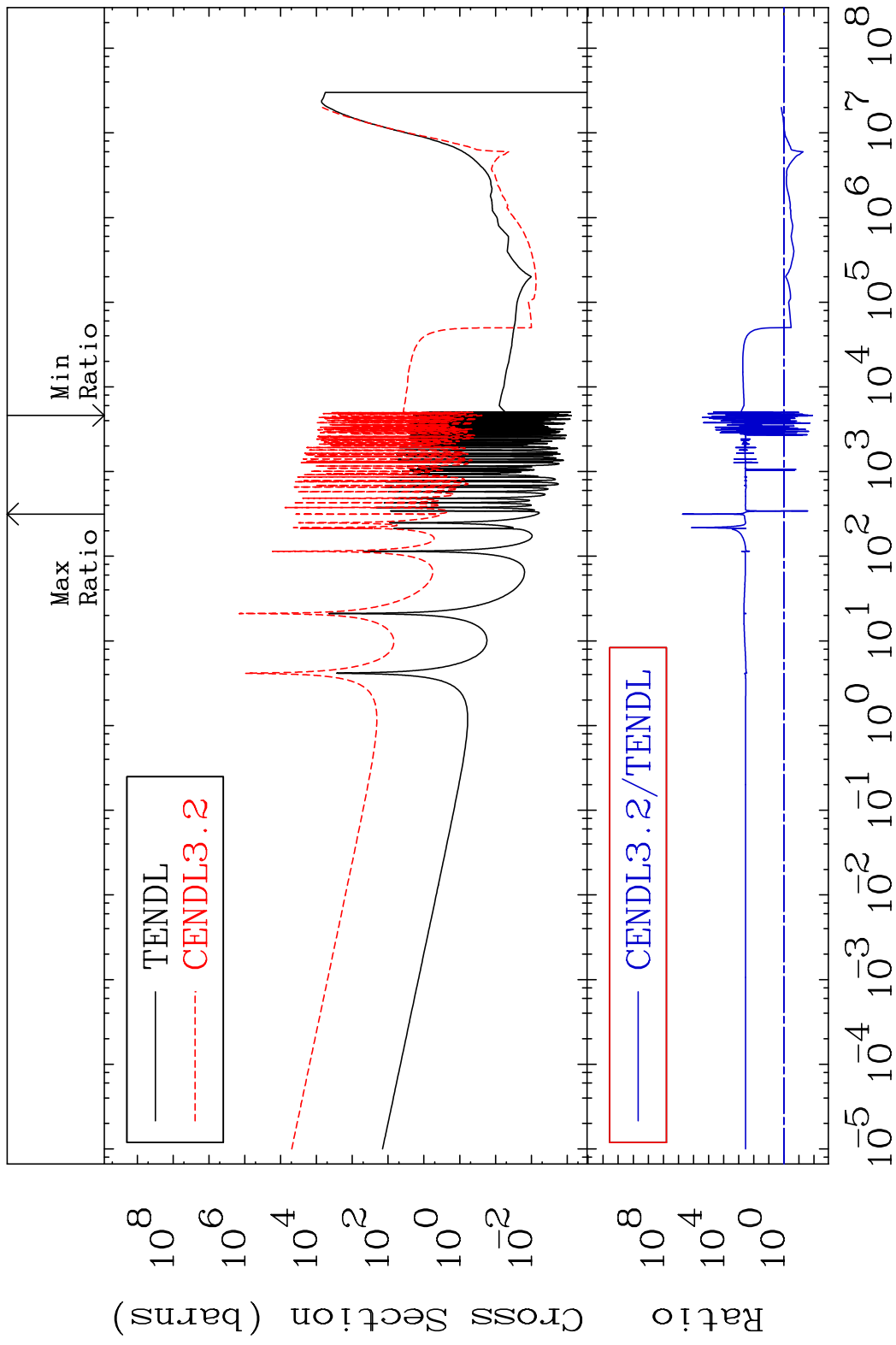


46

Incident Energy (eV)

74-W -182

MAT 7431 Dpa disappearance (mt102 -120) 74-W -182
 Cross Section -98.76 To 9999. %



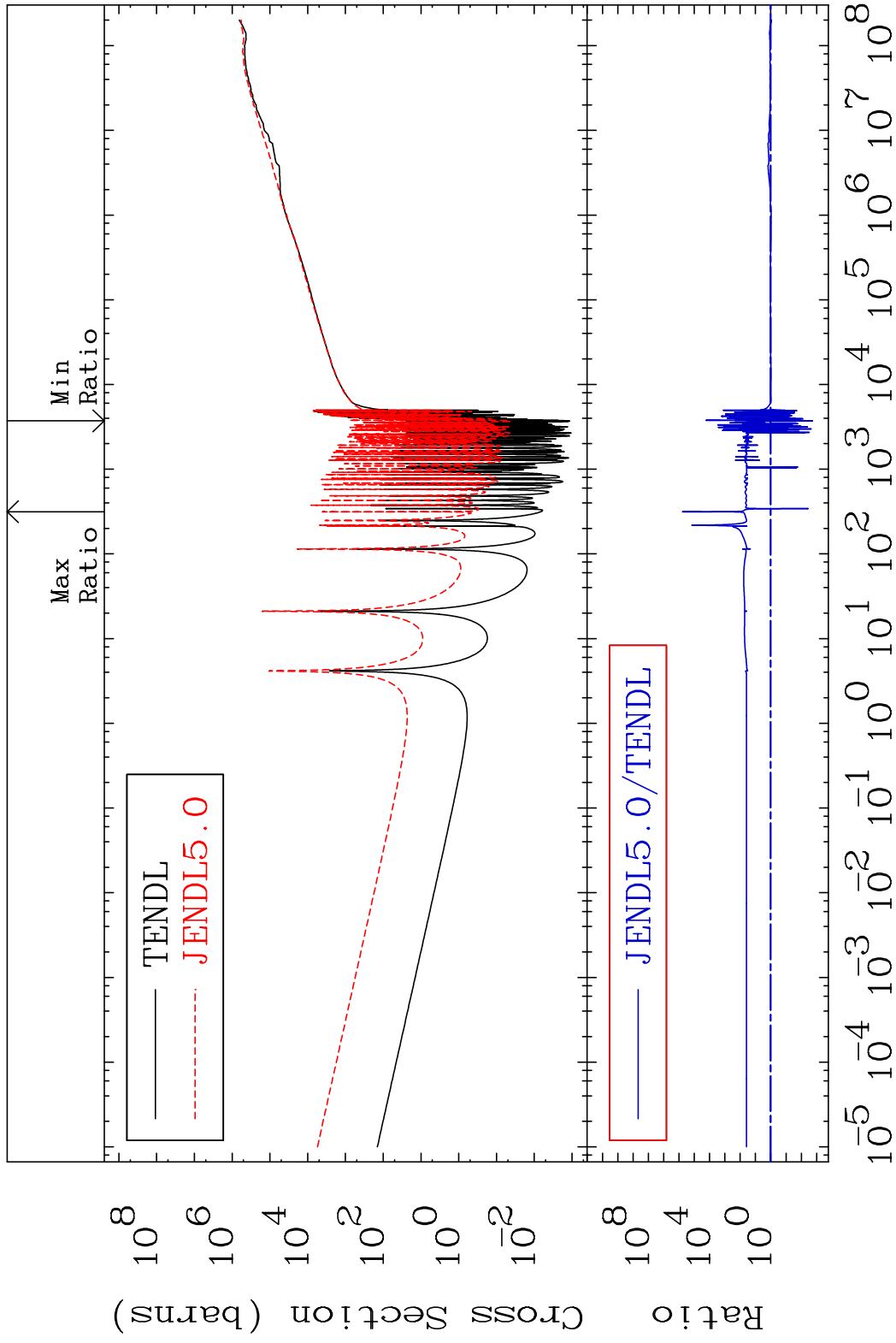
47 Incident Energy (eV) 74-W -182

MAT 7431

Dpa total (eV-barns)

74-W -182

Cross Section -99.82 To 9999. %



48

Incident Energy (eV)

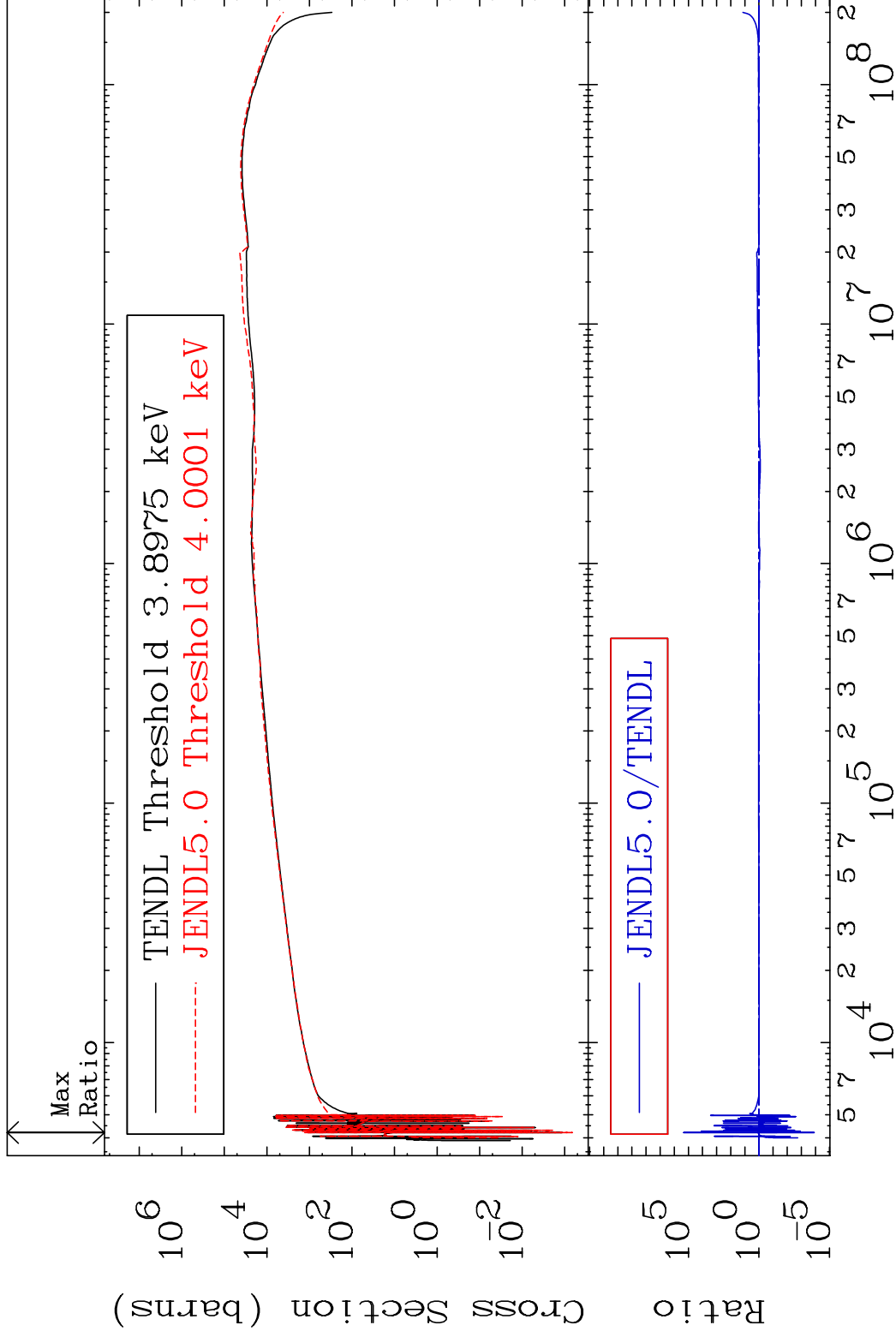
74-W -182

MAT 7431

Dpa elastic (mt2)

74-W -182

Cross Section -99.99 To 9999. %

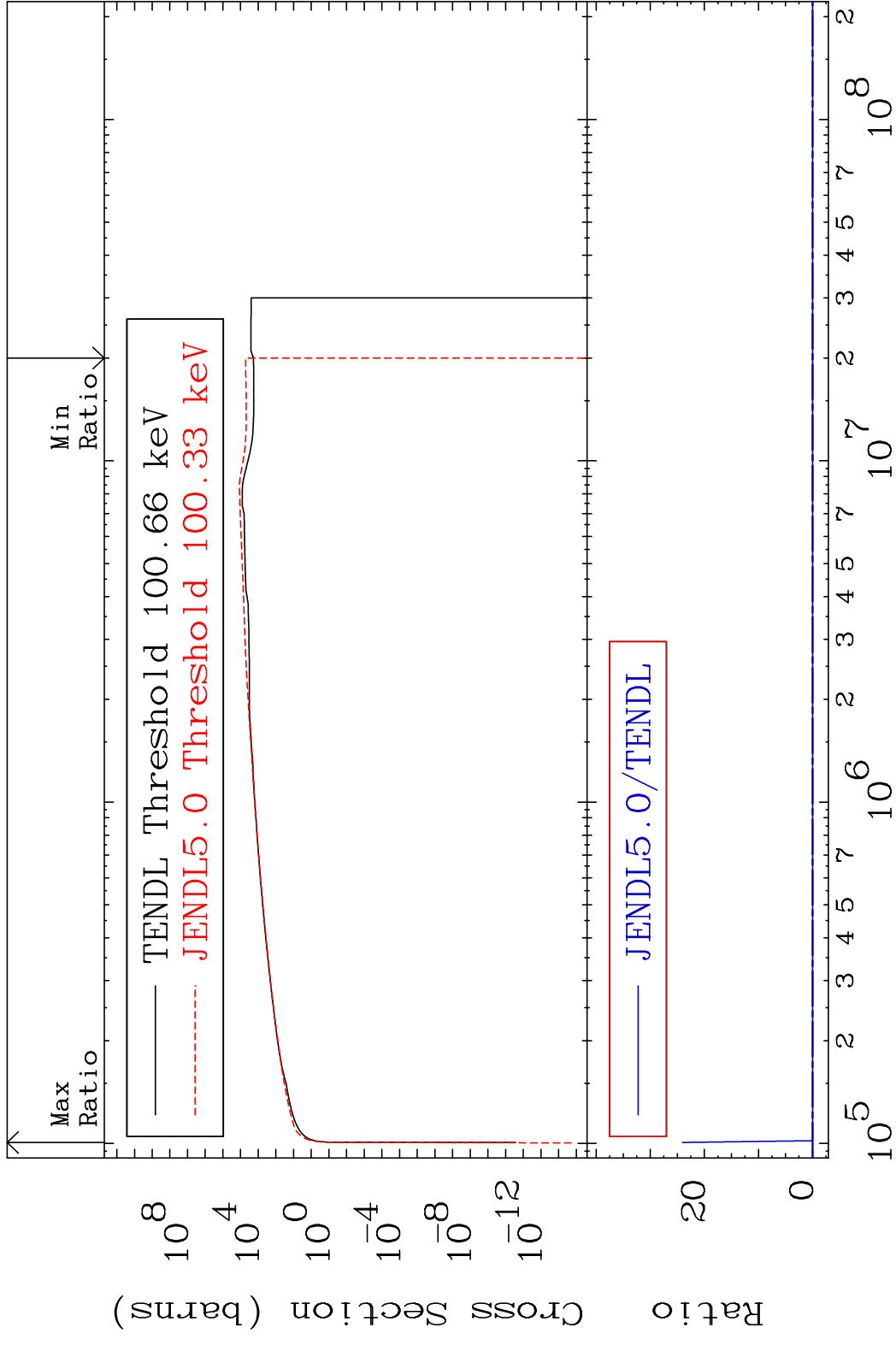


49

Incident Energy (eV)

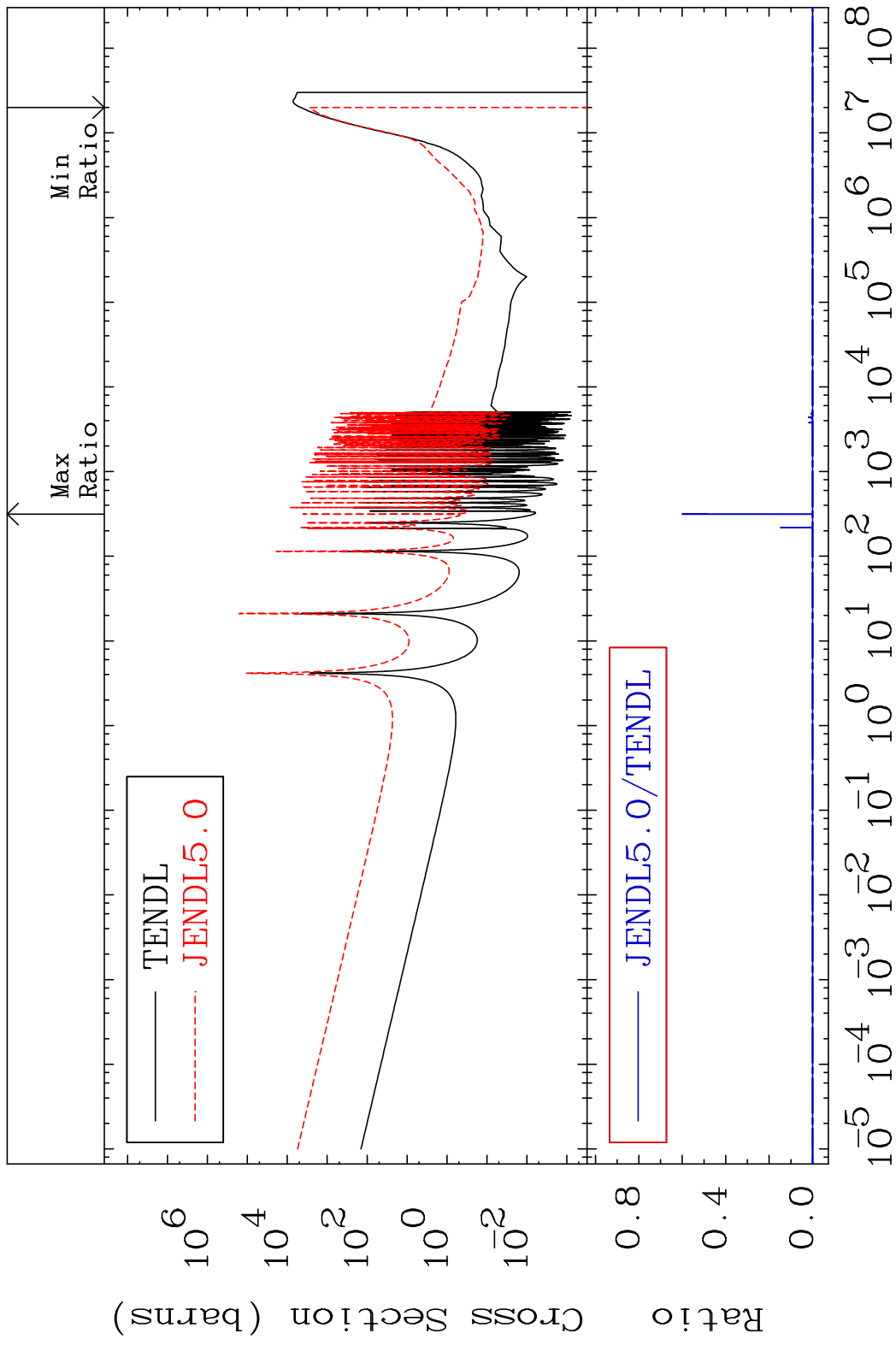
74-W -182

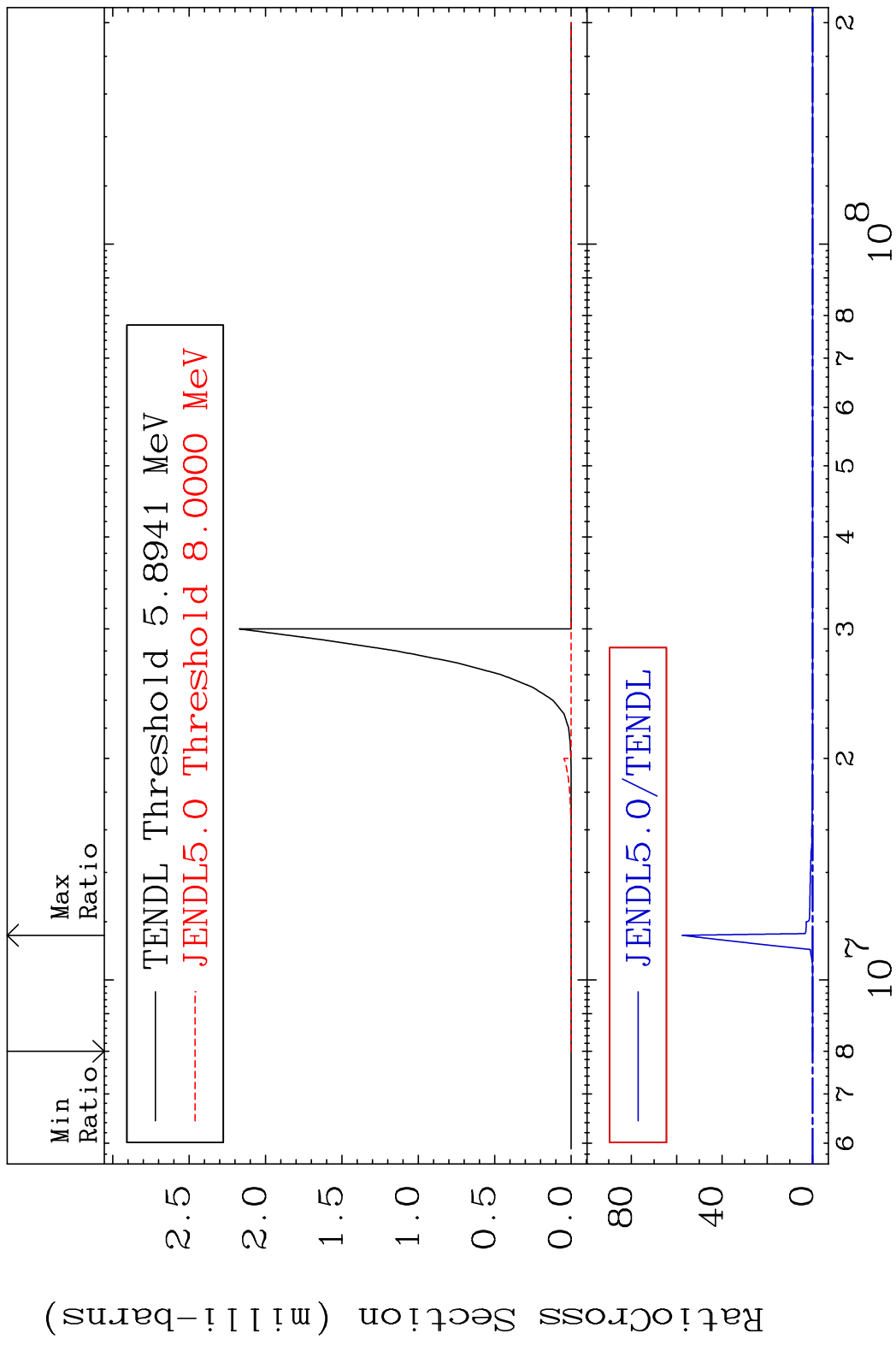
MAT 7431 Dpa inelastic (mt51-91) 74-W -182
 Cross Section -100.0 To 9999. %

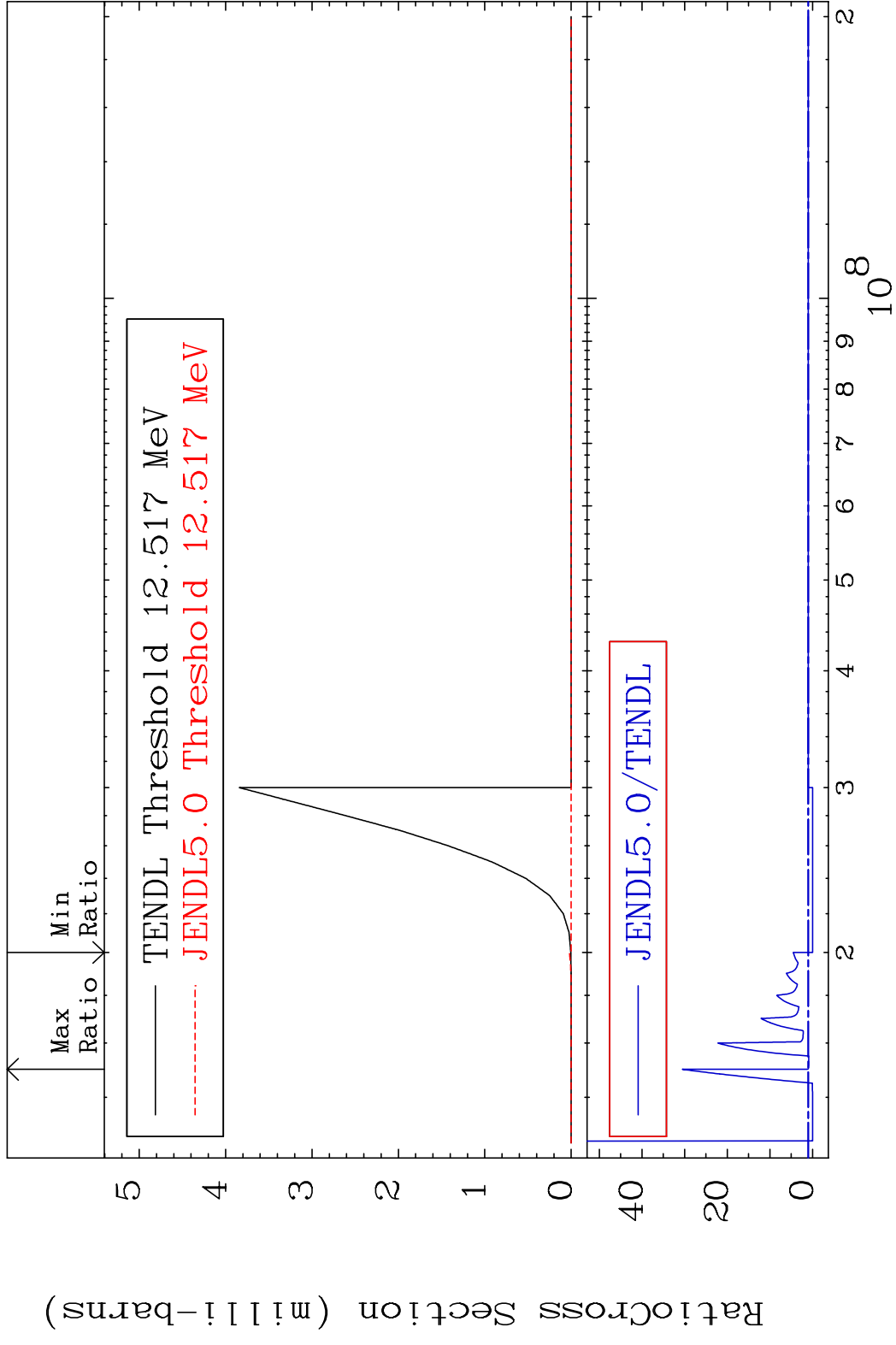


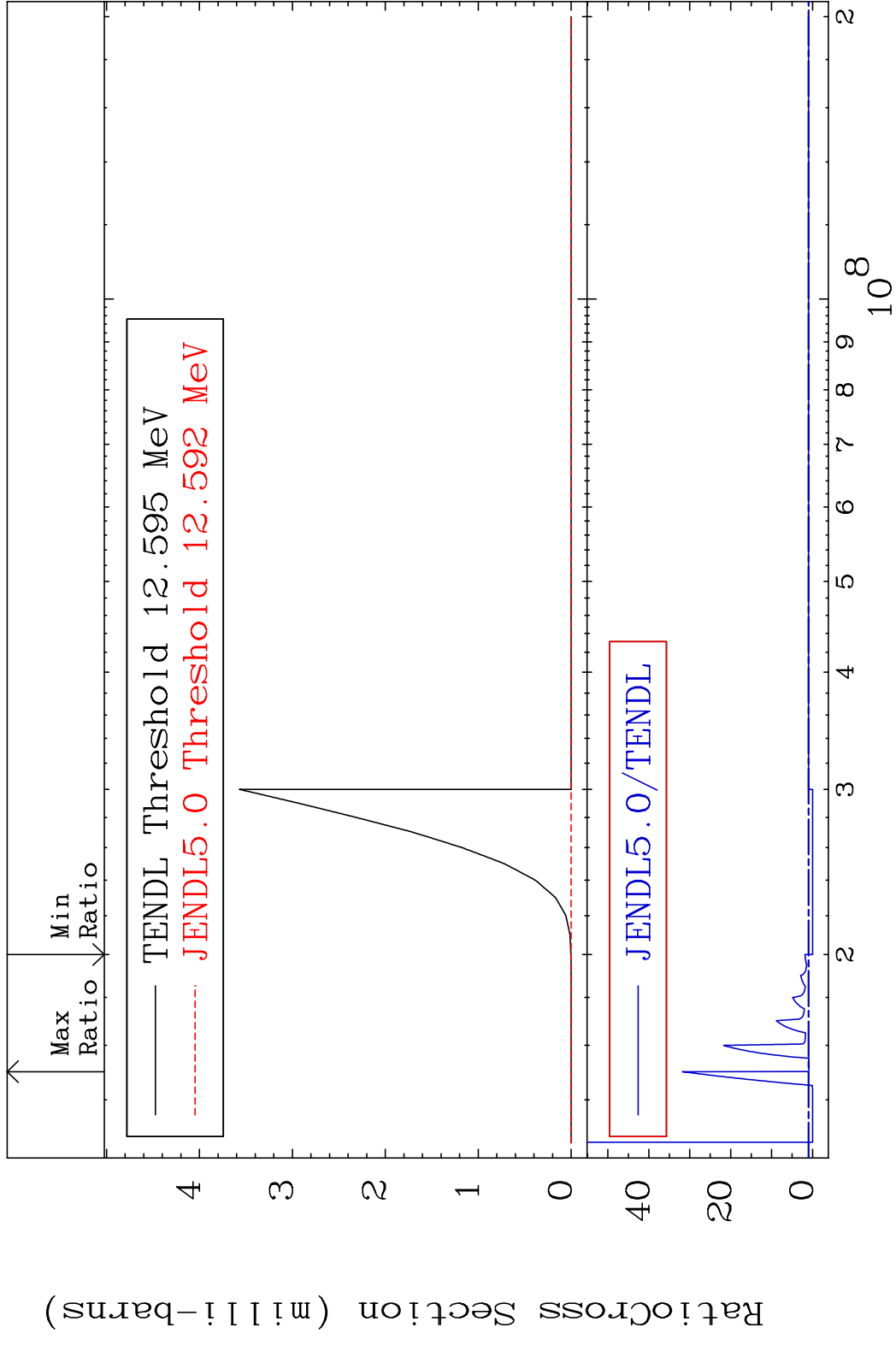
50 Incident Energy (eV) 74-W -182

MAT 7431 Dpa disappearance (mt102 -120) 74-W -182
 Cross Section -100.0 To 9999. %

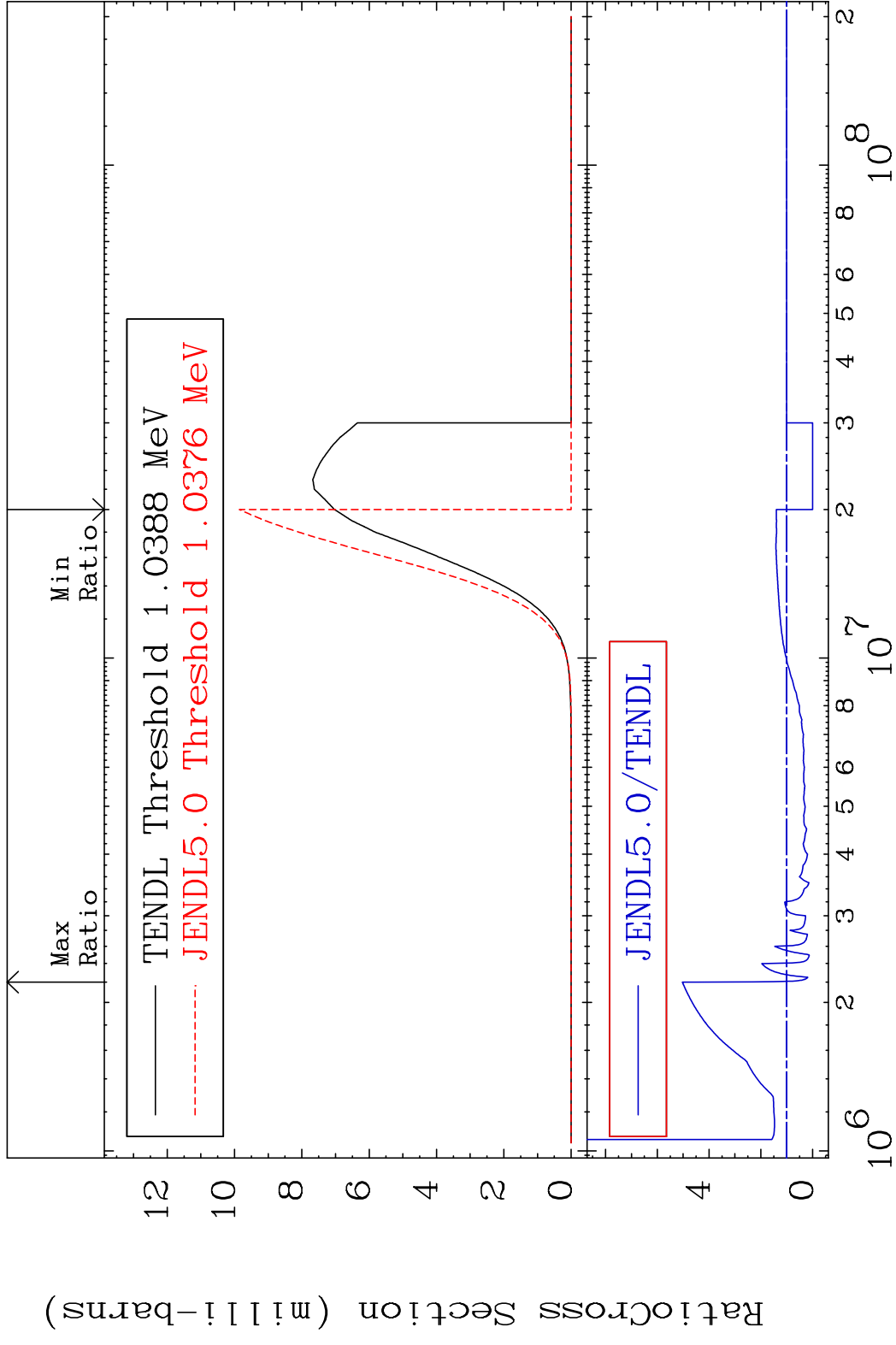








MAT 7431 (n,p):73-Ta-182g 74-W -182
 Radionuclide Production Cross Section 180.0 dth 403.2 %



MAT 7431 (n, p): 73-Ta-182m1 74-W -182
 Radionuclide Production Cross Section 100.0% 108.5 %

