

Program Complot
(Version 2021-1)

by

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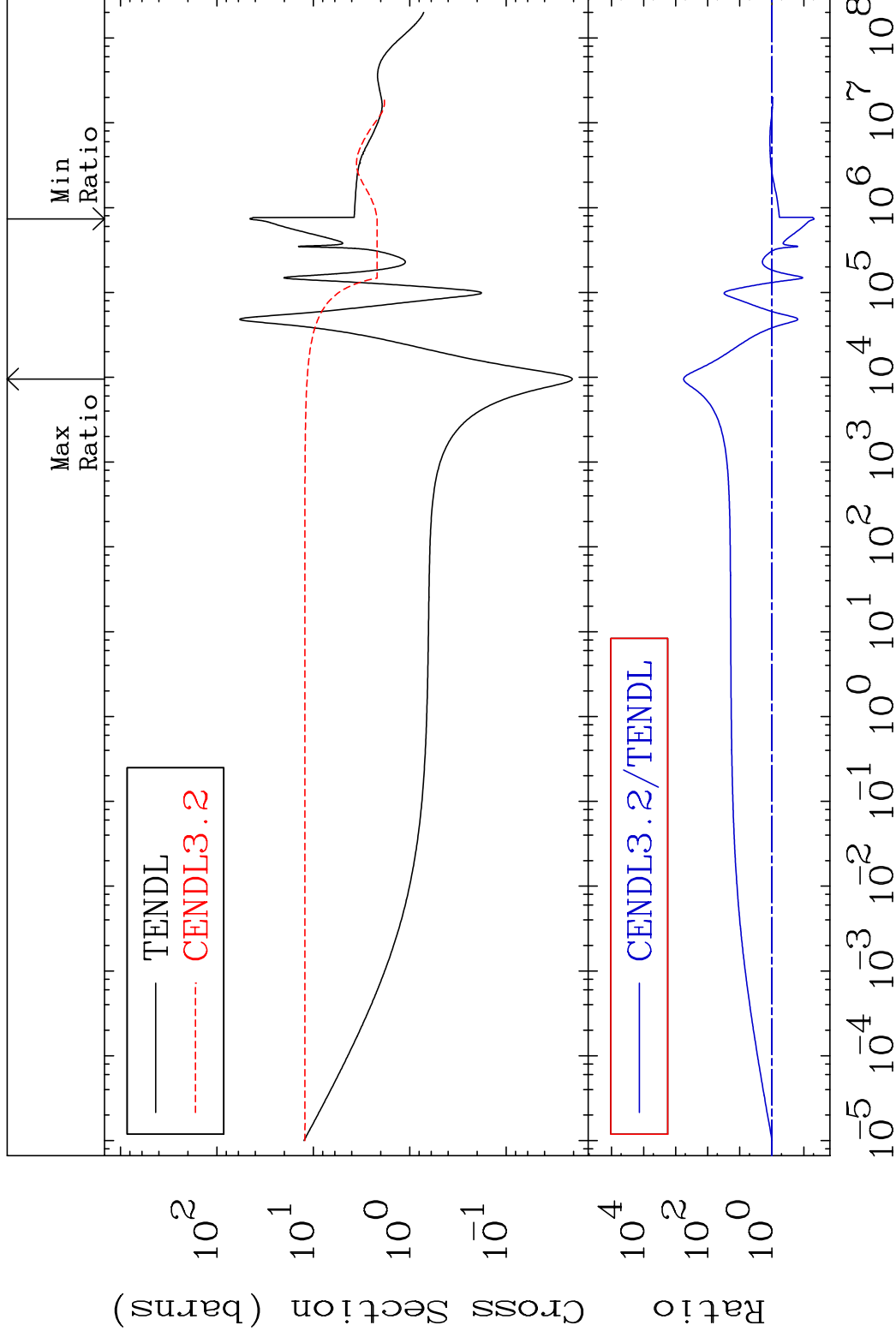
Press Mouse Button to Start

MAT 1637

Total

16-S -36

Cross Section -95.22 To 9999. %



1

Incident Energy (eV)

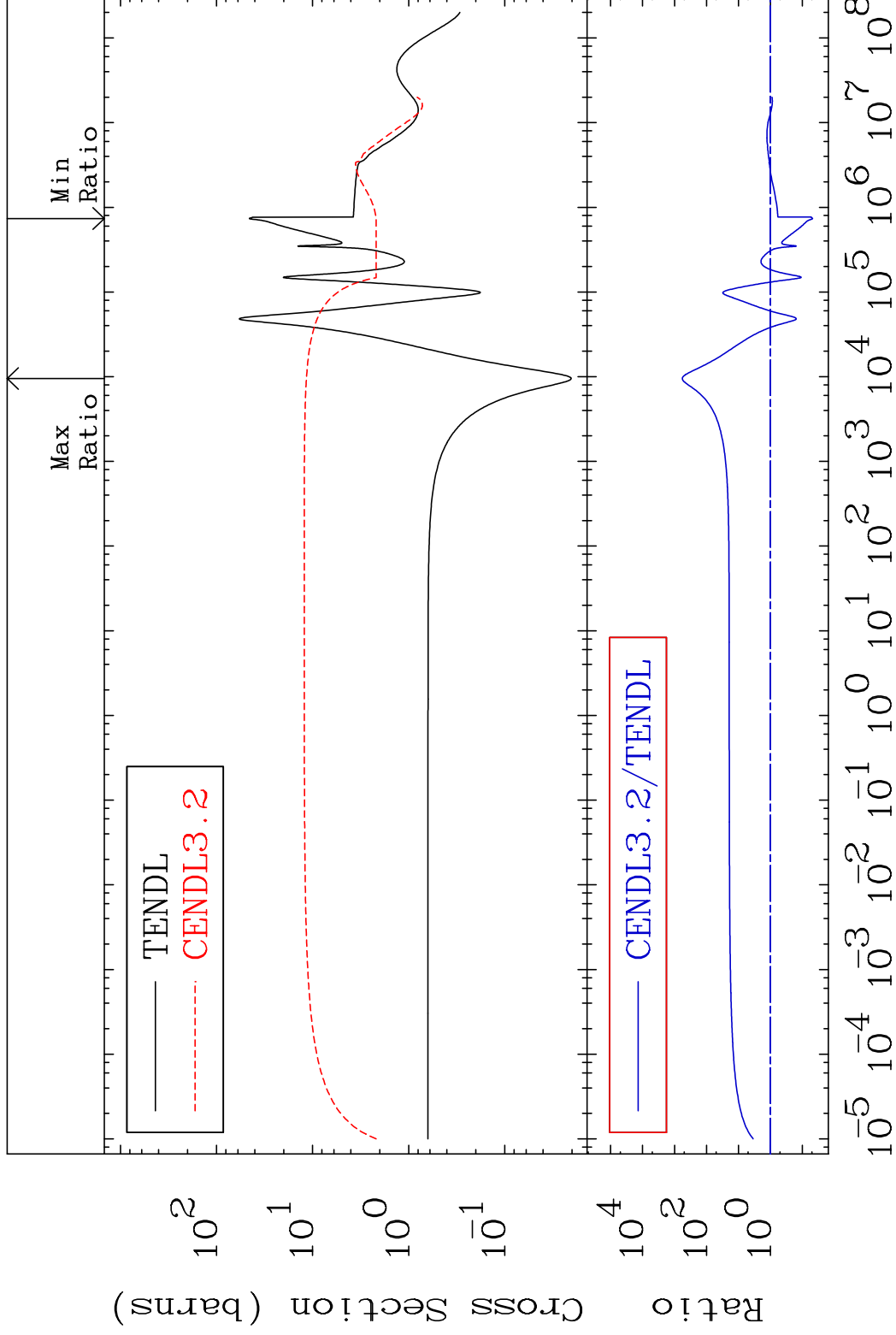
16-S -36

MAT 1637

Elastic

16-S -36

Cross Section -95.22 To 9999. %



2

Incident Energy (eV)

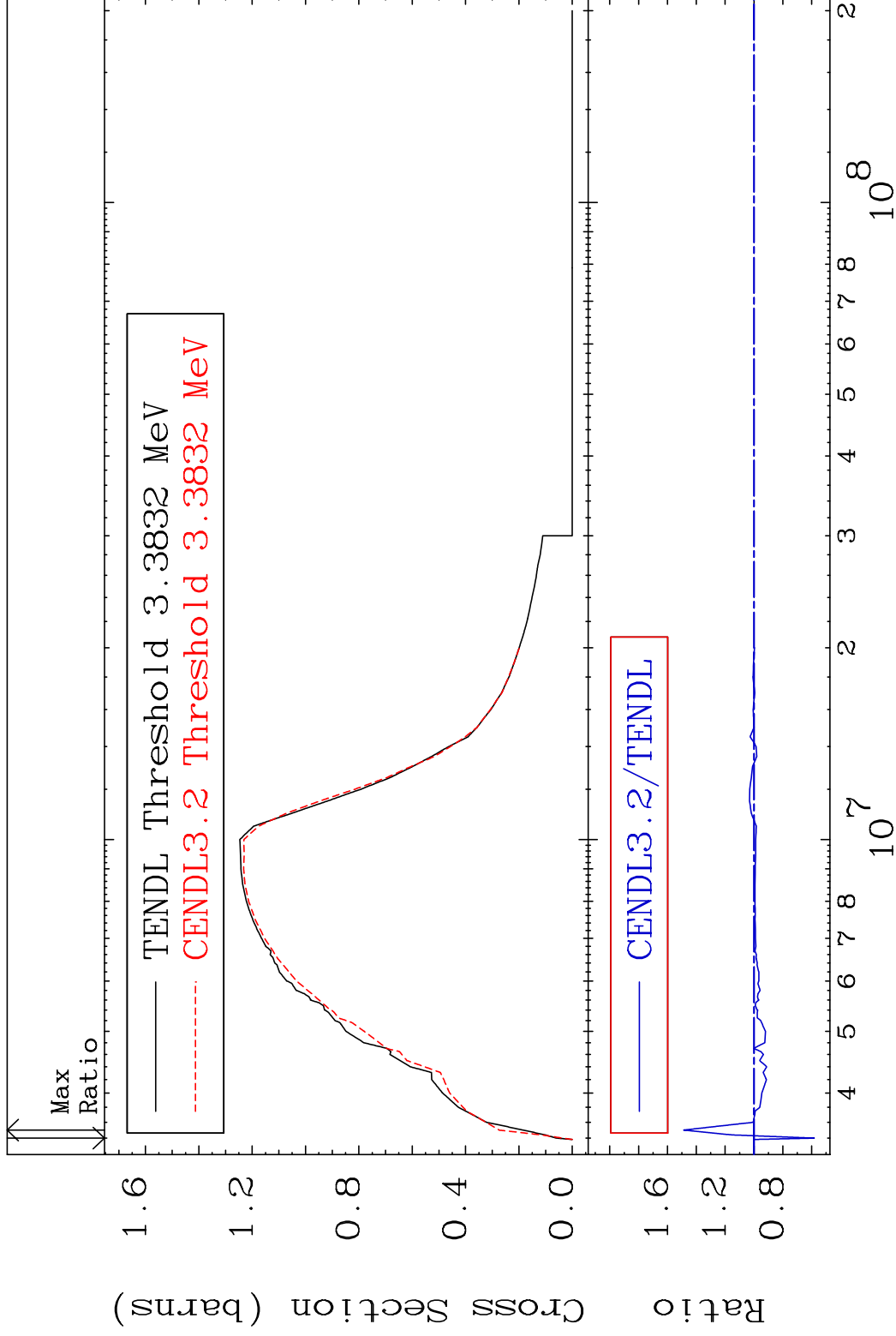
16-S -36

MAT 1637

Inelastic

16-S -36

Cross Section -41.68 To 48.77 %



3

Incident Energy (eV)

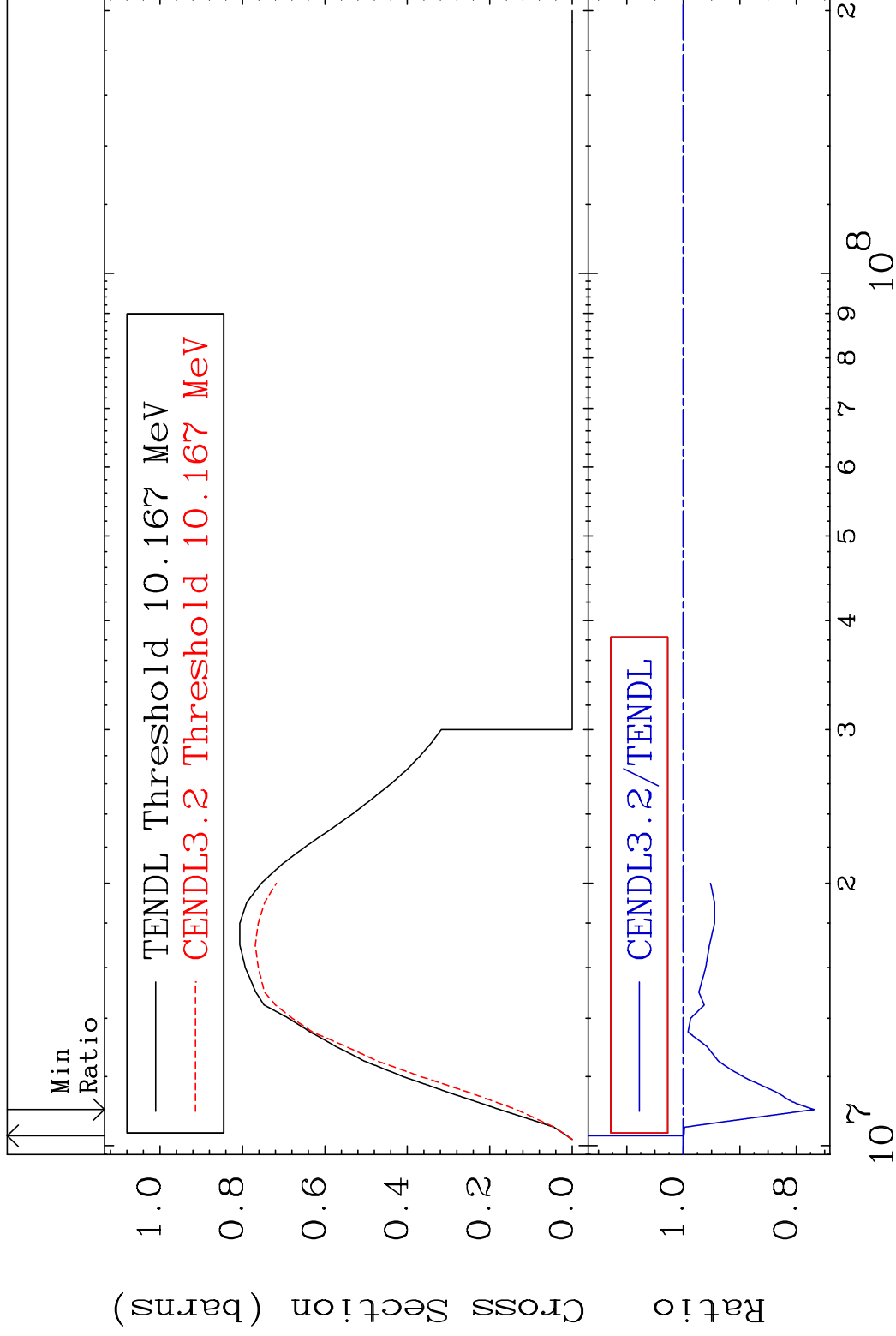
16-S -36

MAT 1637

(n,2n)

16-S -36

Cross Section -23.14 To -0.070%



16-S -36

Incident Energy (eV)

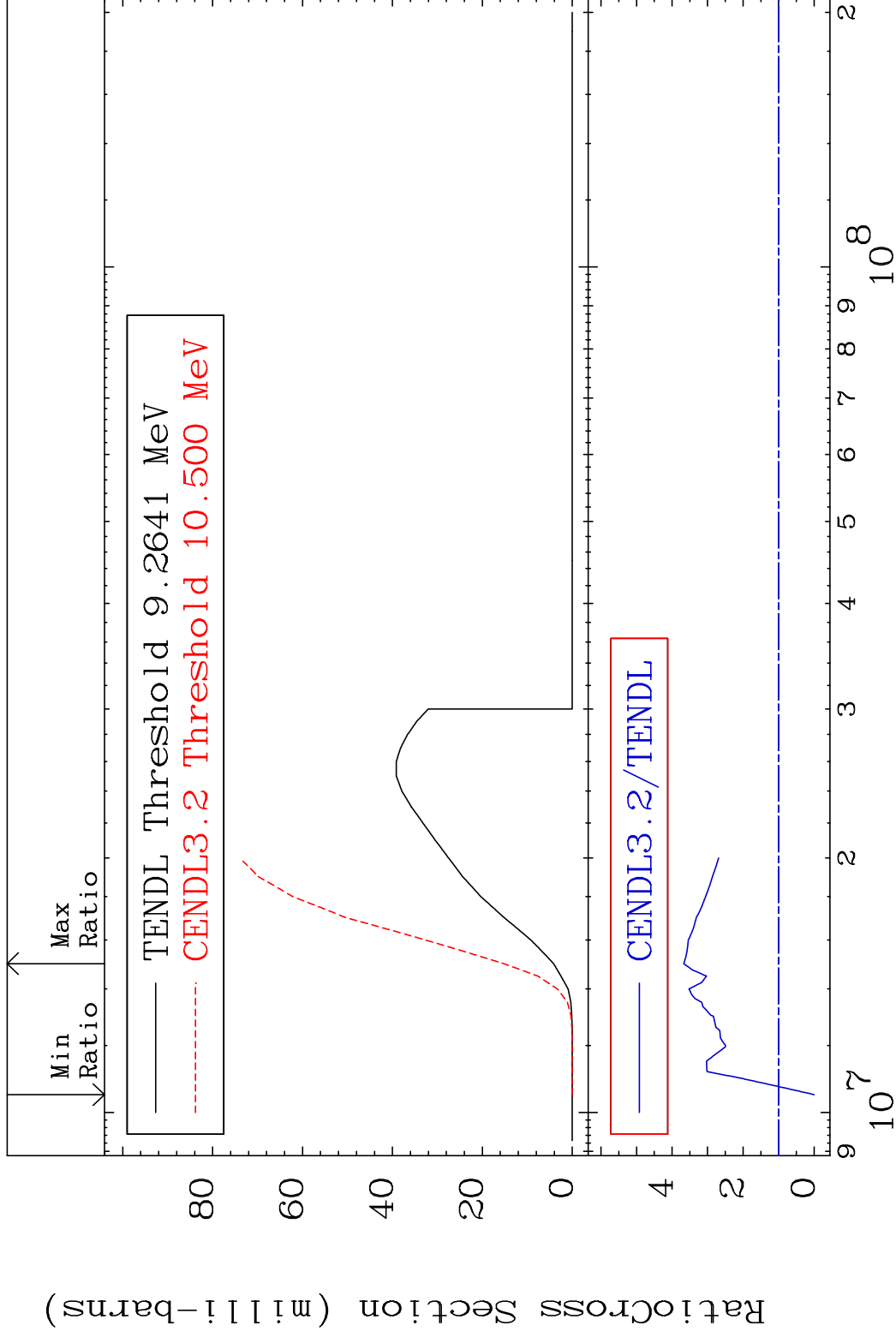
4

MAT 1637

(n, n') α

16-S -36

Cross Section -100.0 To 267.3 %



5

Incident Energy (eV)

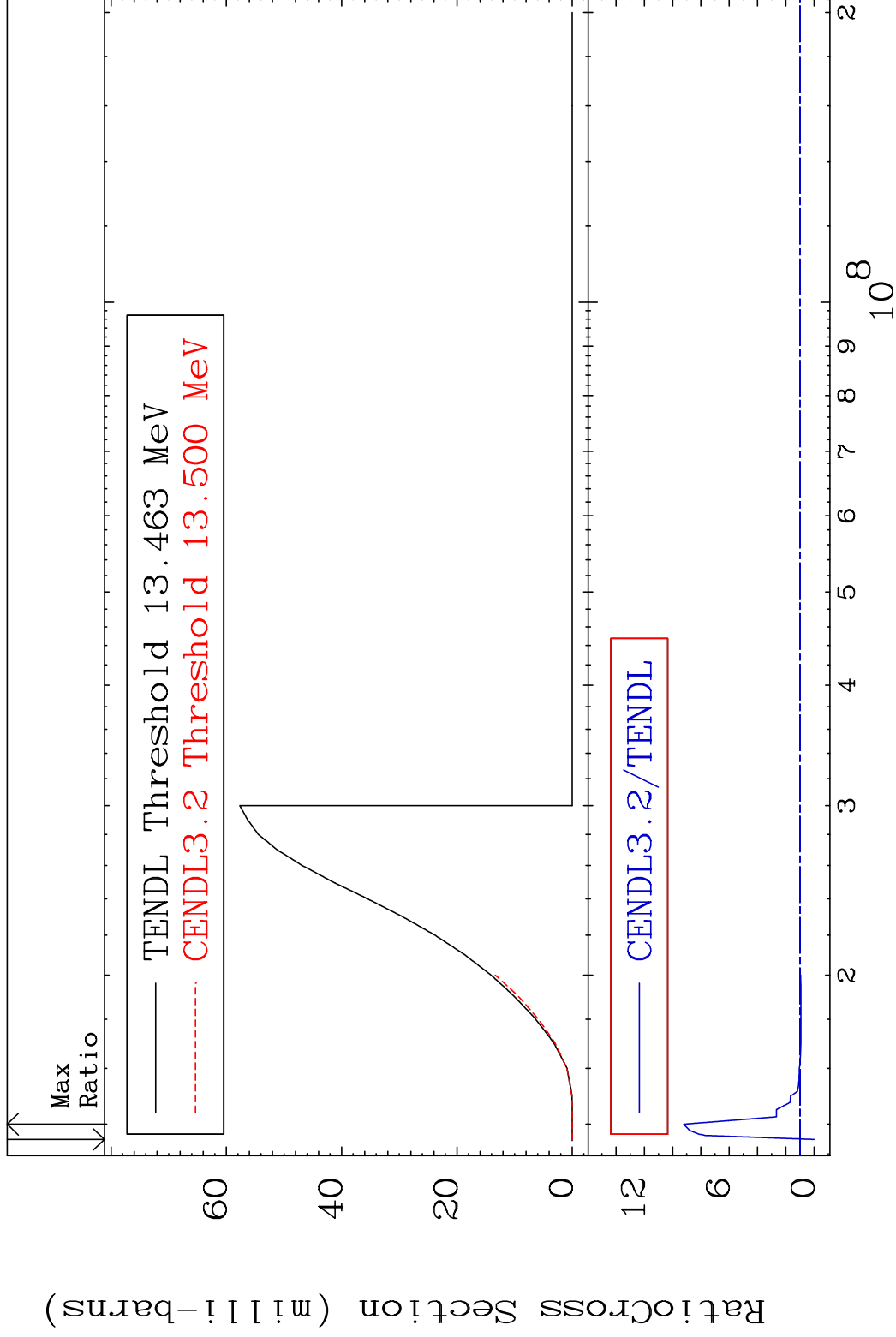
16-S -36

MAT 1637

(n, n') p

16-S -36

Cross Section -100.0 To 821.9 %

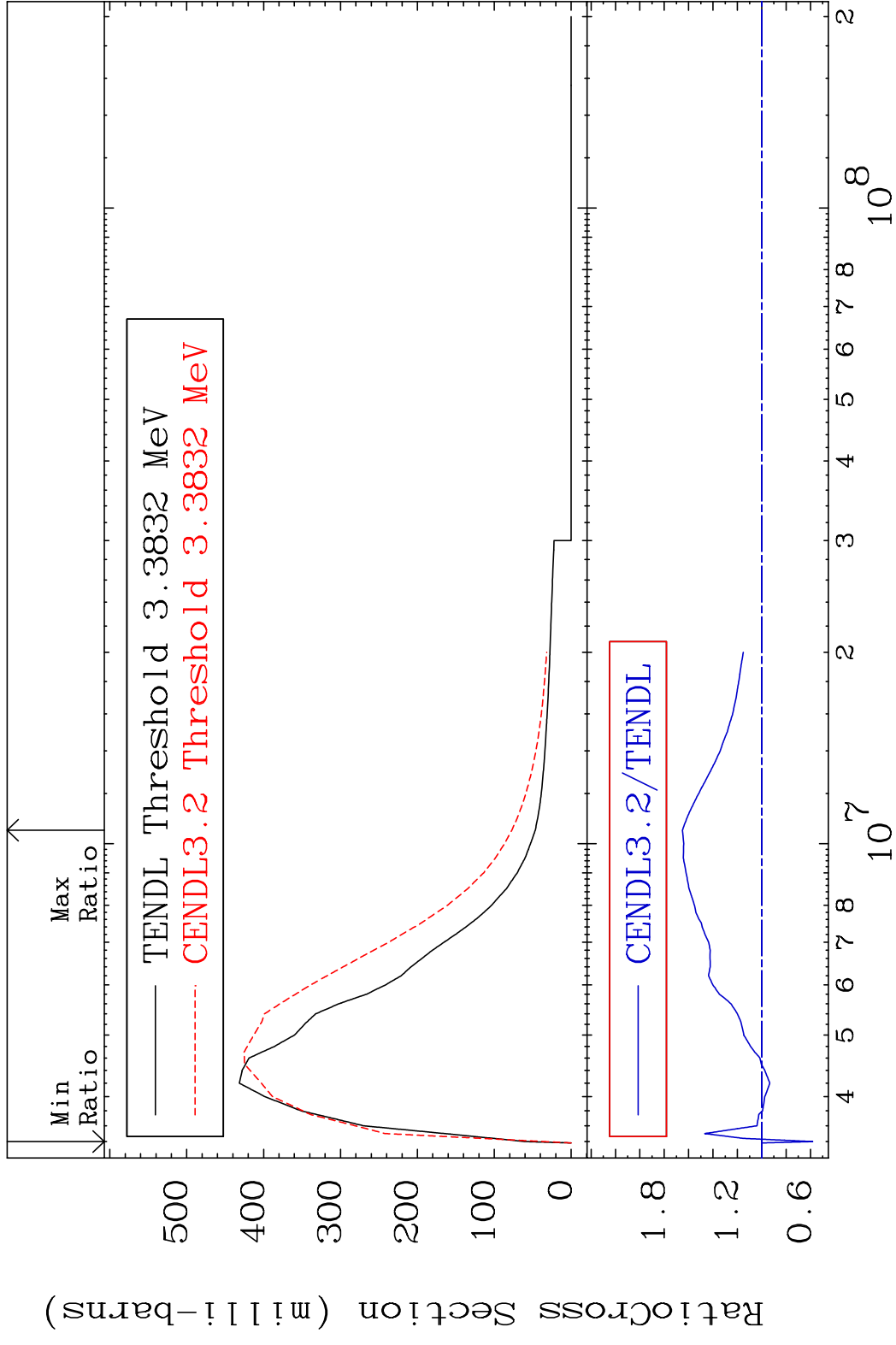


6

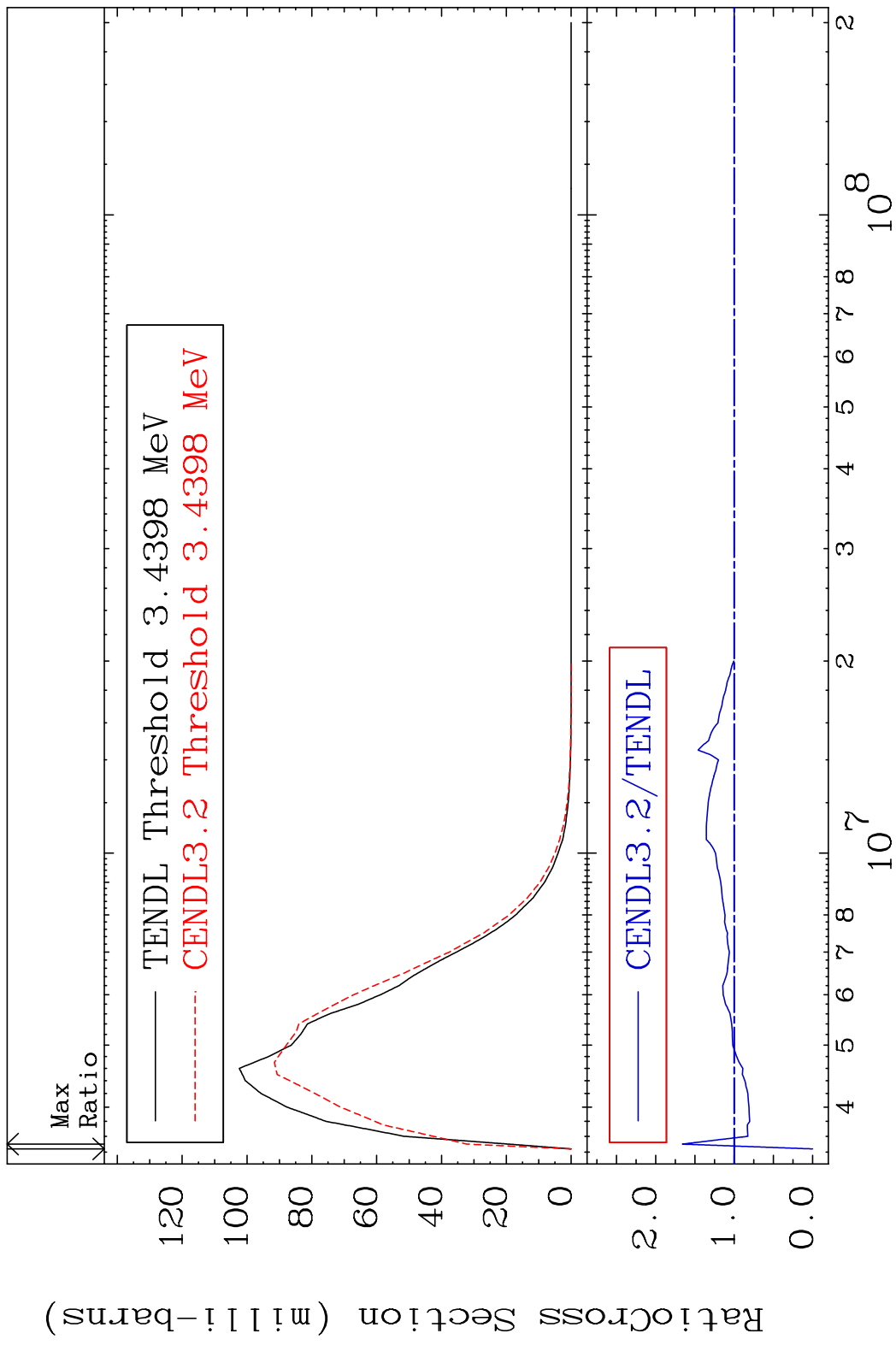
Incident Energy (eV)

16-S -36

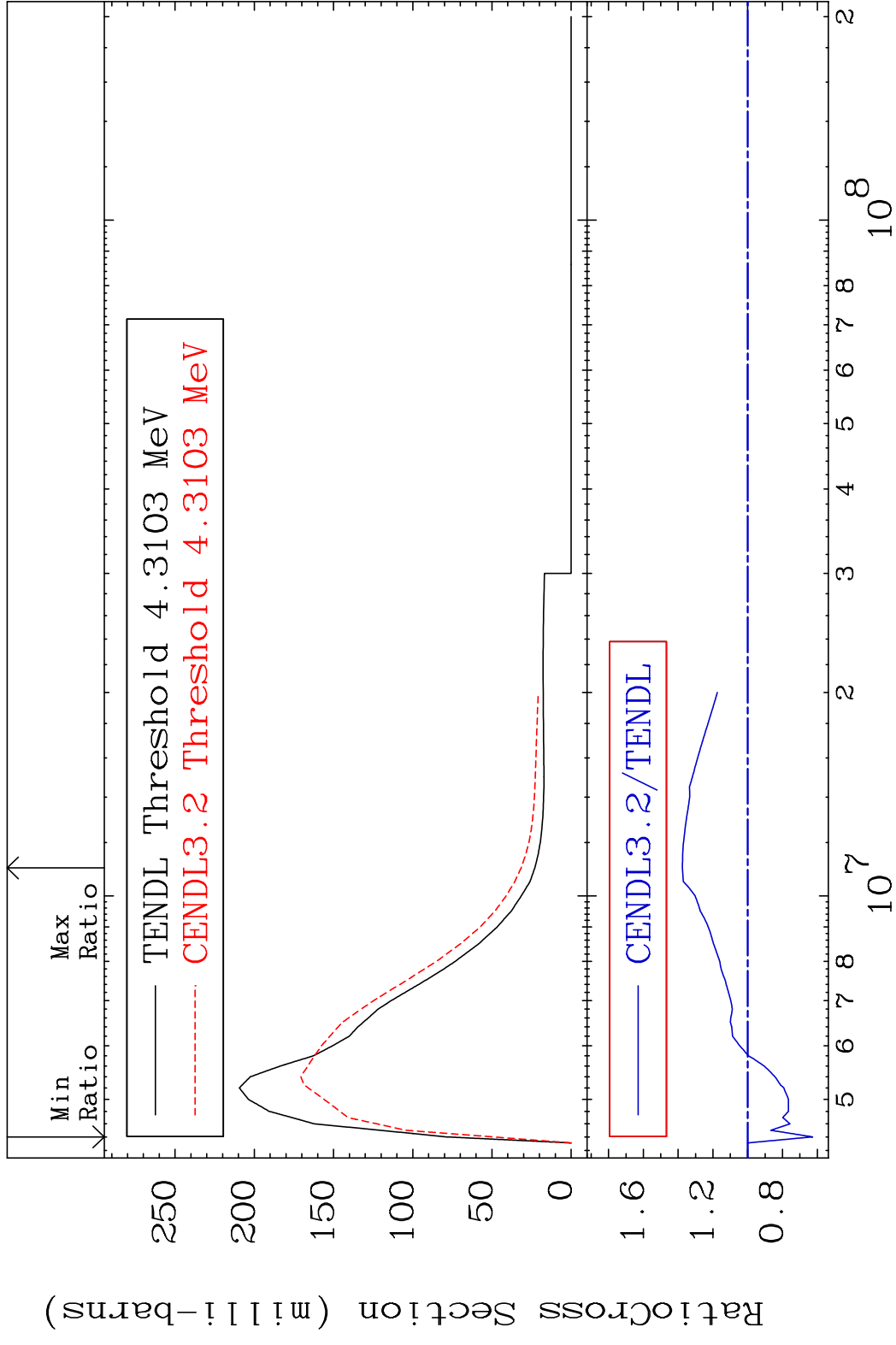
MAT 1637 MT= 51 (n,n') Level 16-S -36
 Cross Section -41.68 To 65.13 %



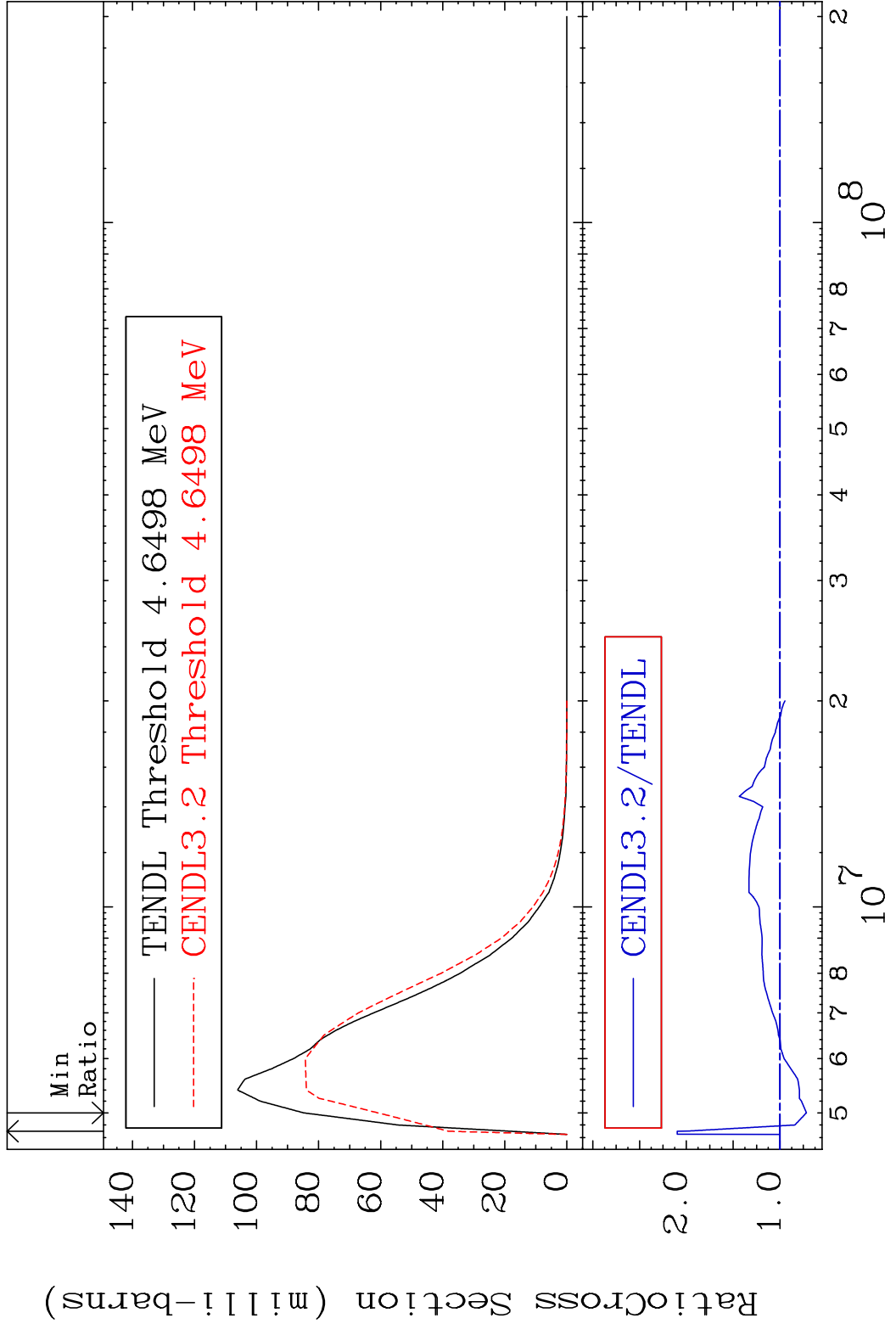
MAT 1637 MT= 52 (n, n') Level 16-S -36
 Cross Section -100.0 To 66.01 %



MAT 1637 MT= 53 (n,n') Level 16-S -36
 Cross Section -37.28 To 37.59 %

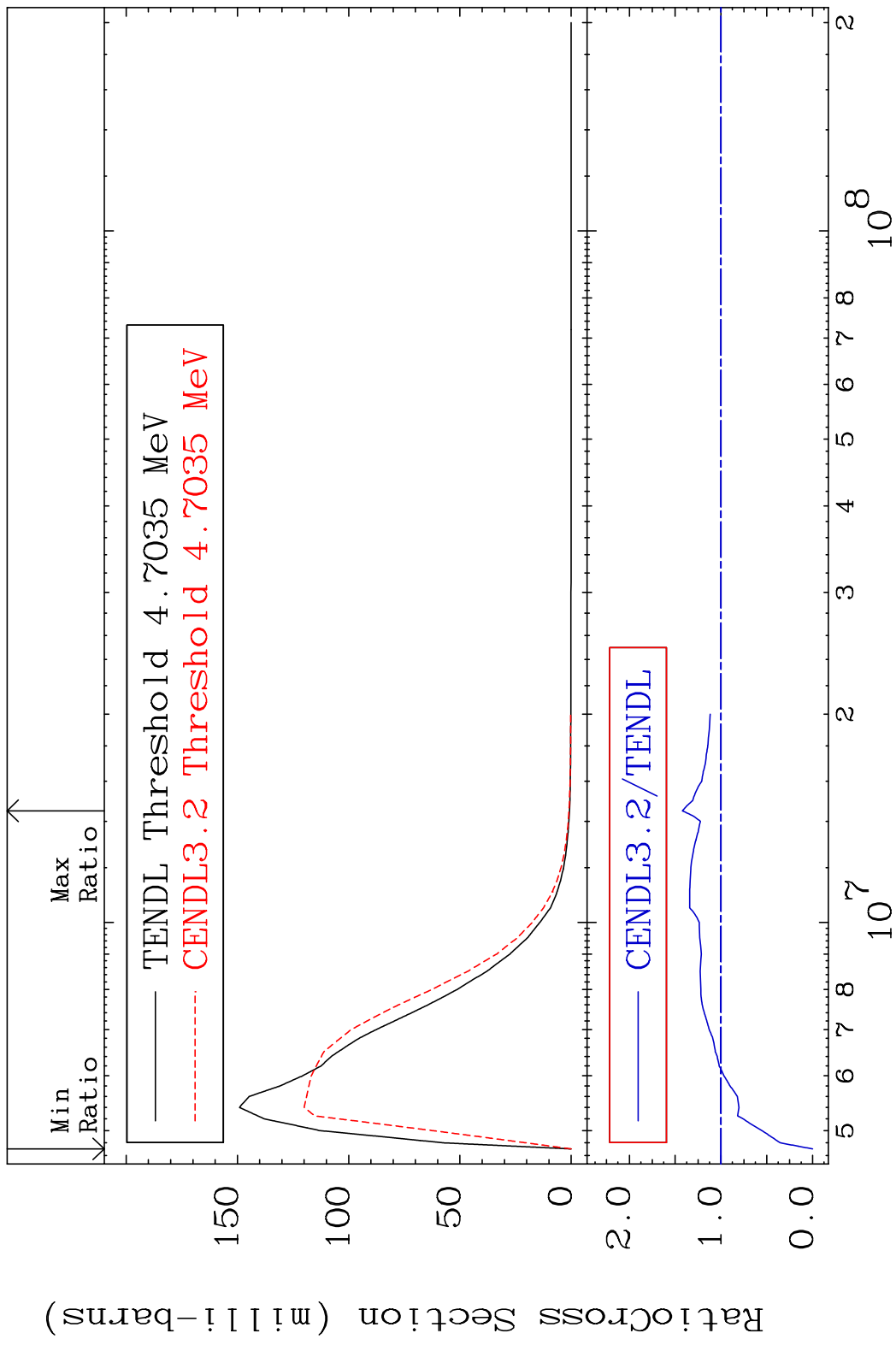


MAT 1637 MT= 54 (n,n') Level 16-S -36
 Cross Section -28.27 To 109.8 %

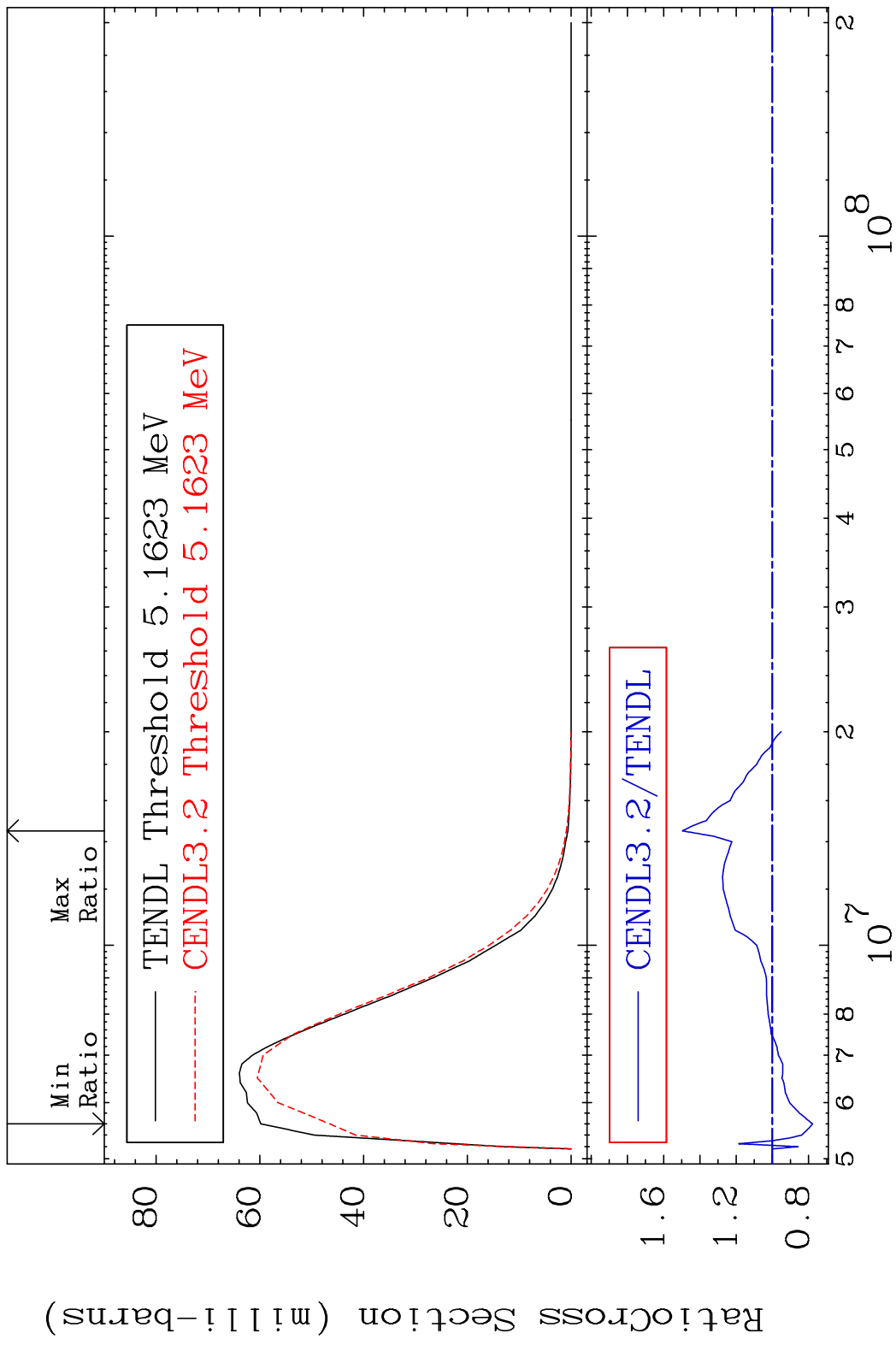


10 16-S -36

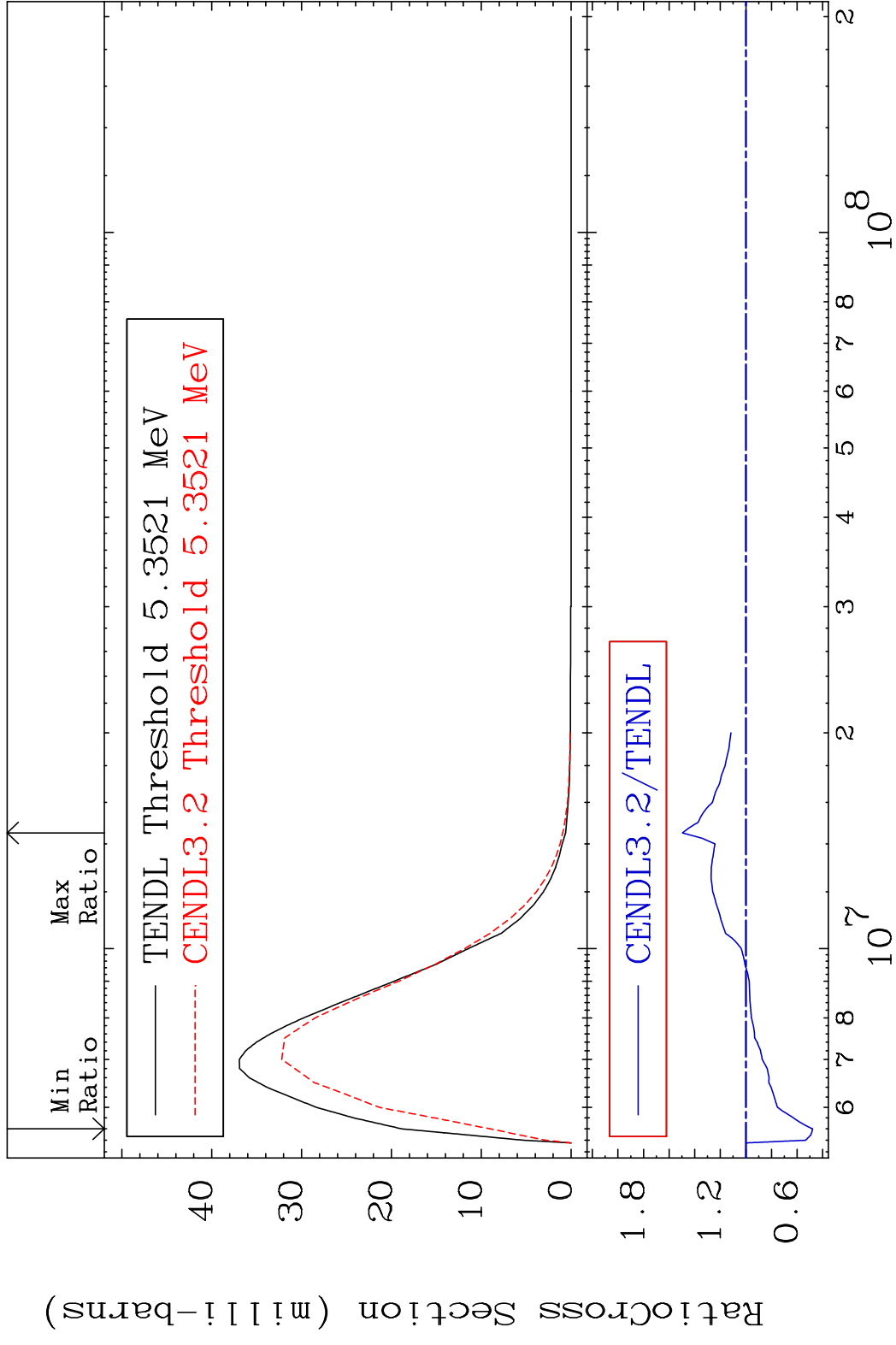
MAT 1637 MT= 55 (n,n') Level 16-S -36
 Cross Section -100.0 To 42.16 %



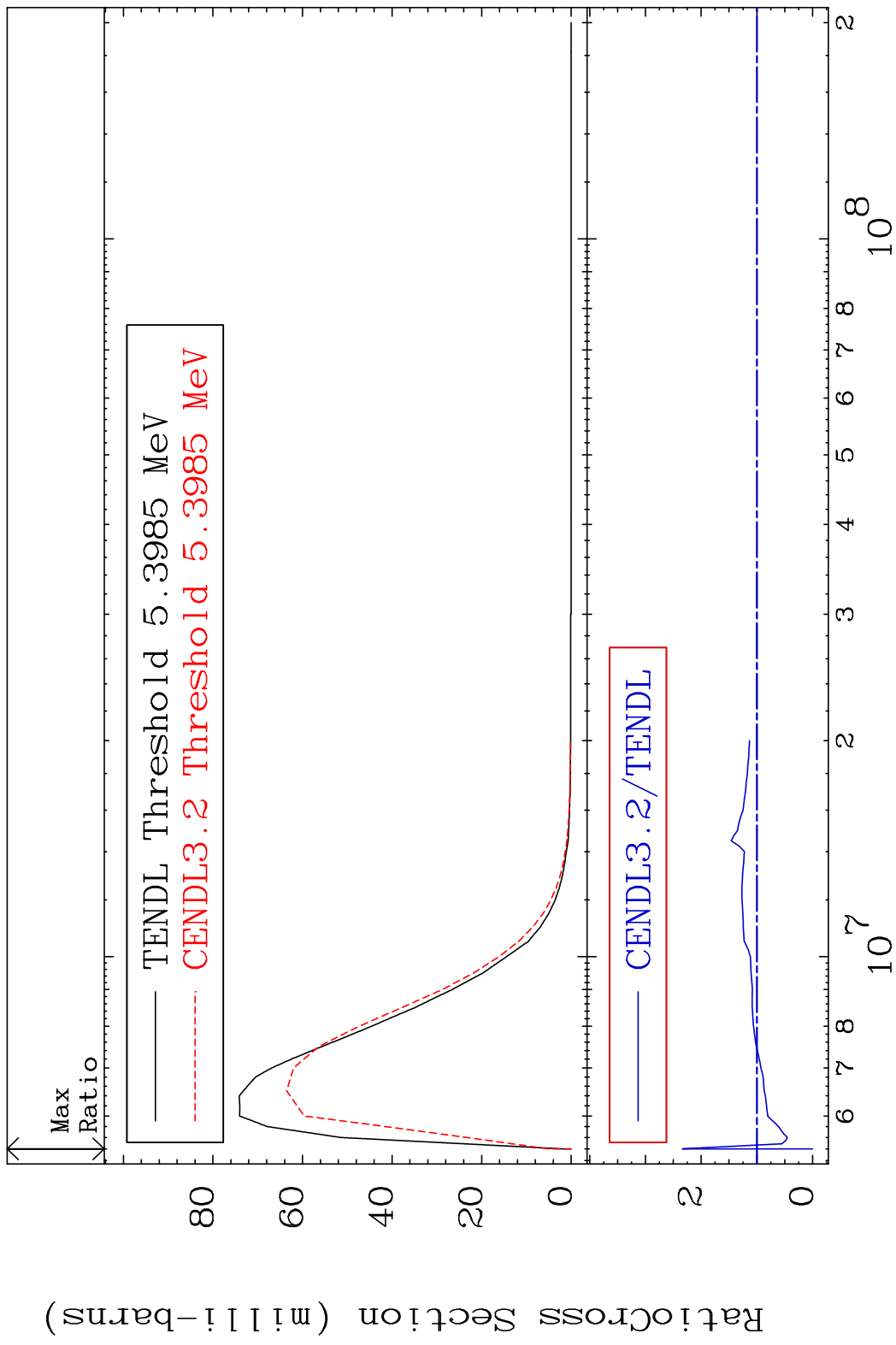
MAT 1637 MT= 56 (n,n') Level 16-S -36
 Cross Section -22.18 To 49.66 %



MAT 1637 MT= 57 (n,n') Level 16-S -36
 Cross Section -52.09 To 49.67 %



MAT 1637 MT= 58 (n, n') Level 16-S -36
 Cross Section -100.0 To 133.8 %



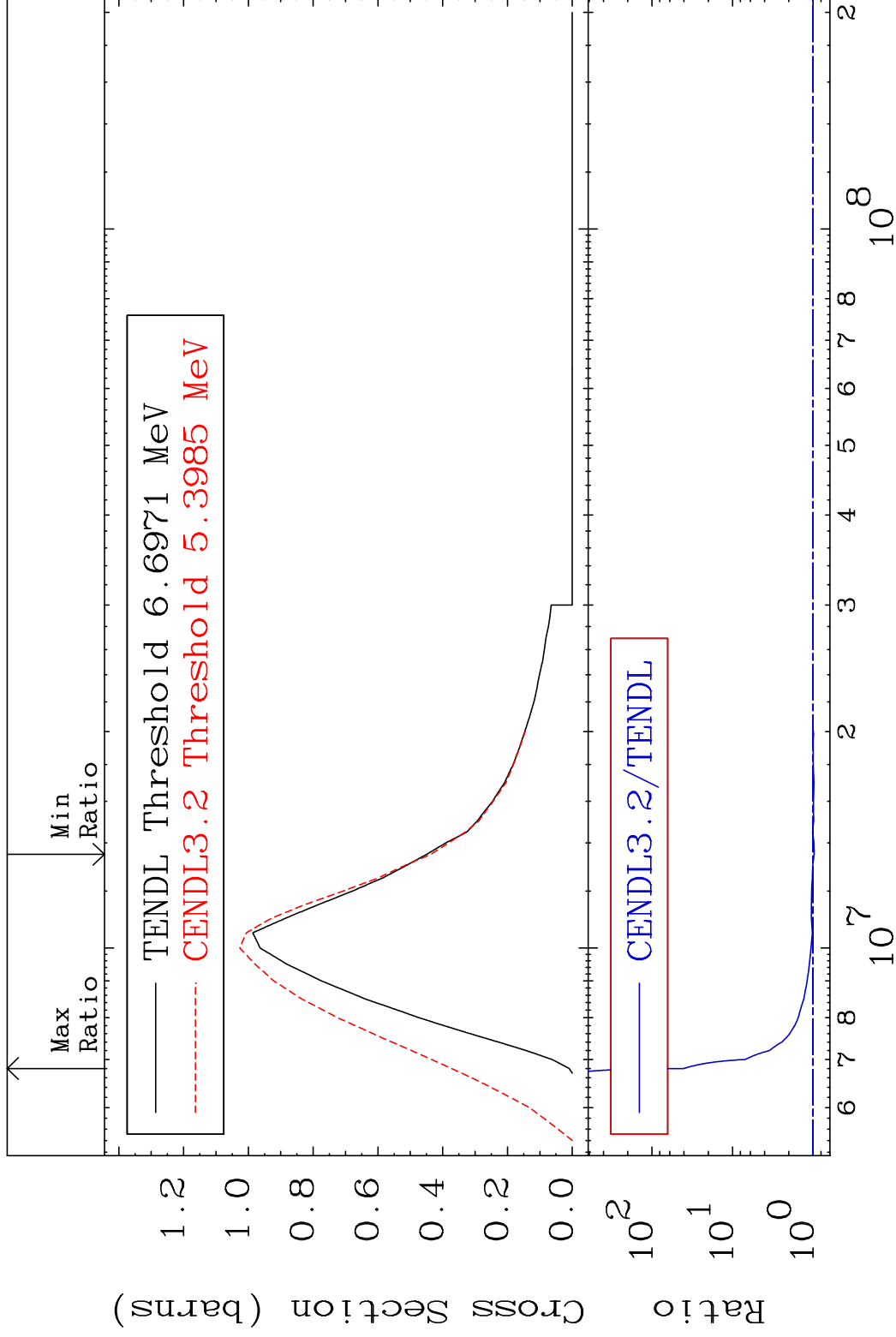
14 16-S -36

MAT 1637

(n, n') Continuum

16-S -36

Cross Section -2.789 To 3940. %



15

Incident Energy (eV)

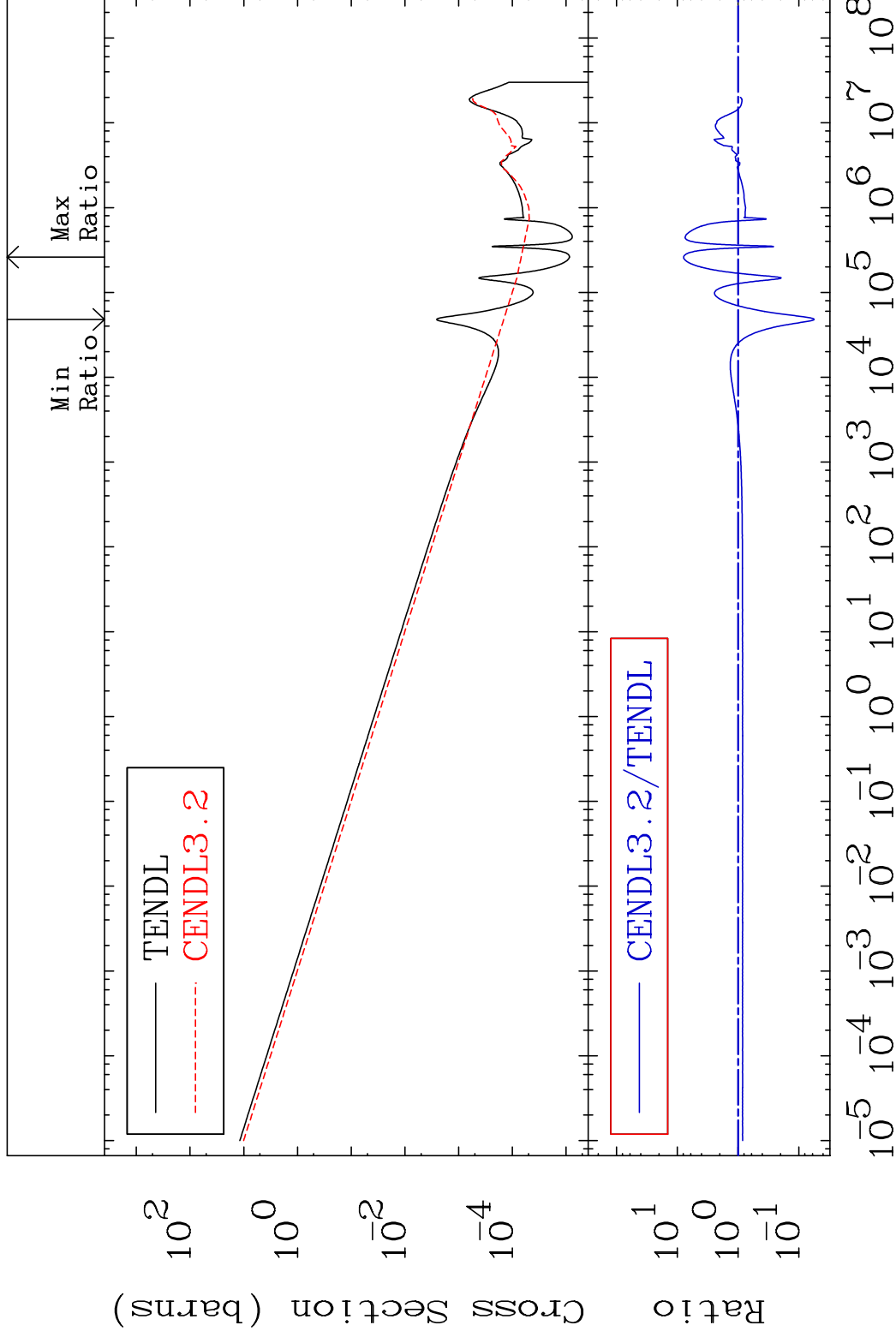
16-S -36

MAT 1637

(n, γ)

16-S -36

Cross Section -94.37 To 688.5 %



16

Incident Energy (eV)

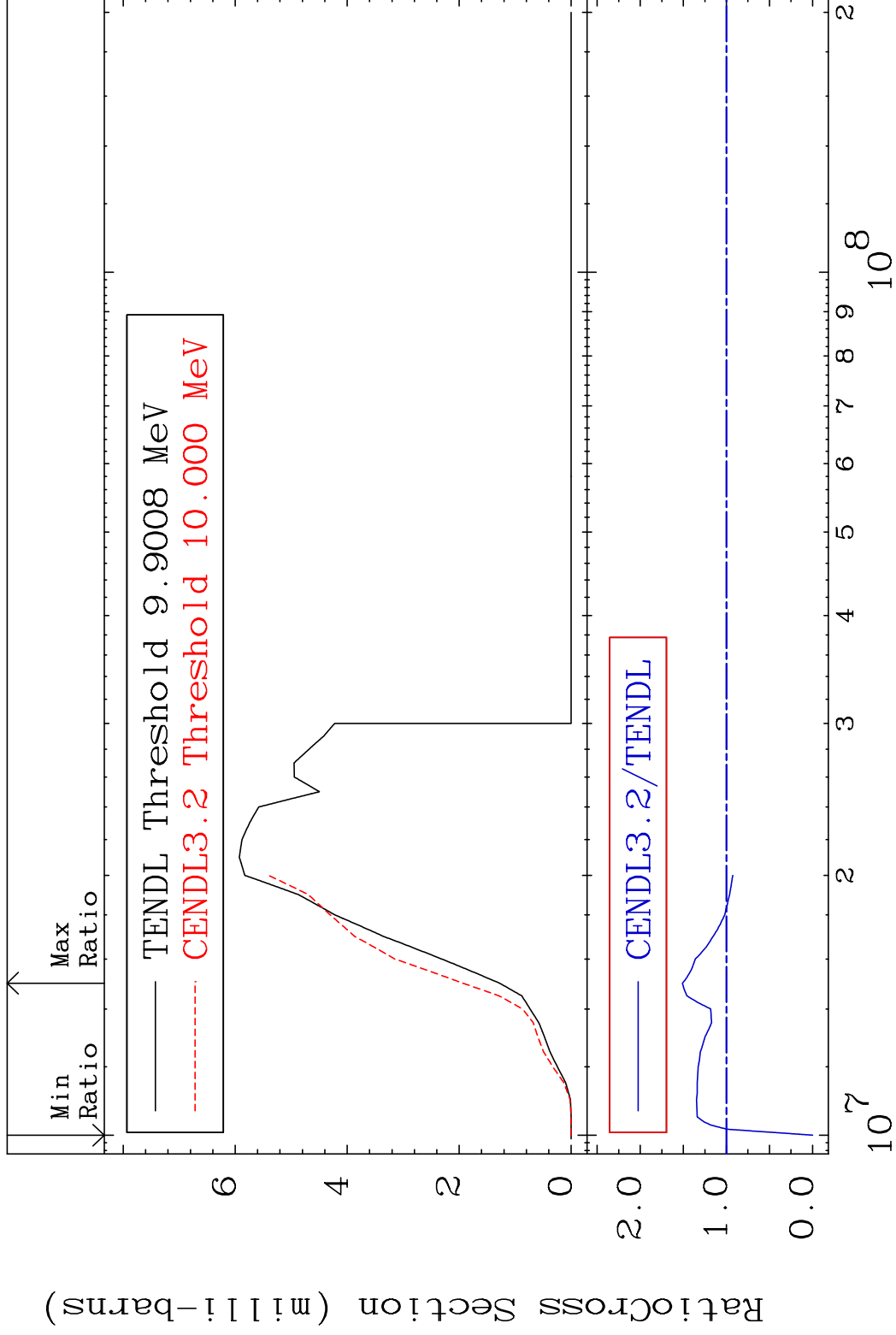
16-S -36

MAT 1637

(n,p)

16-S -36

Cross Section -100.0 To 51.16 %

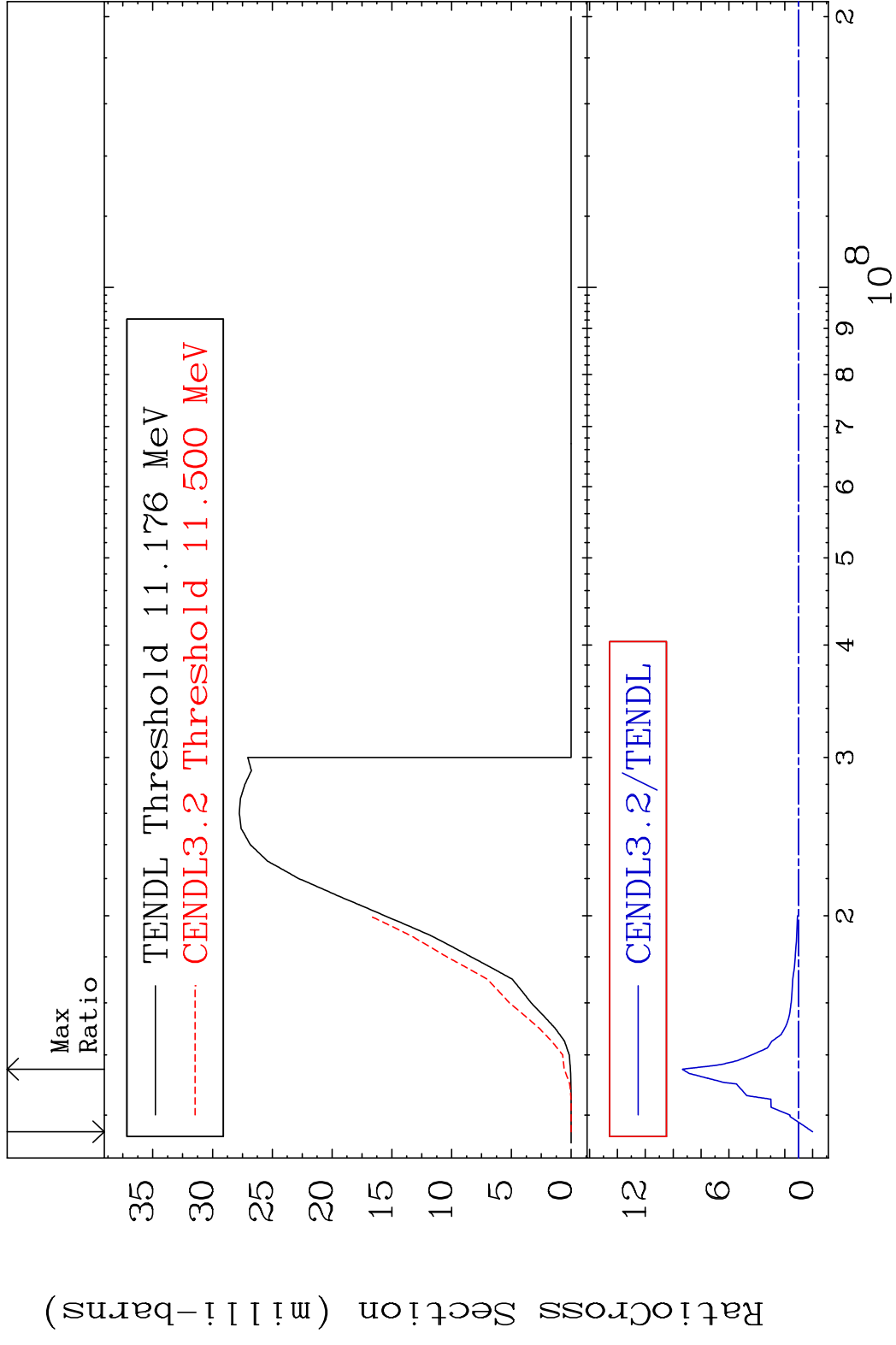


17

Incident Energy (eV)

16-S -36

MAT 1637 (n,d) 16-S -36
 Cross Section -100.0 To 834.2 %

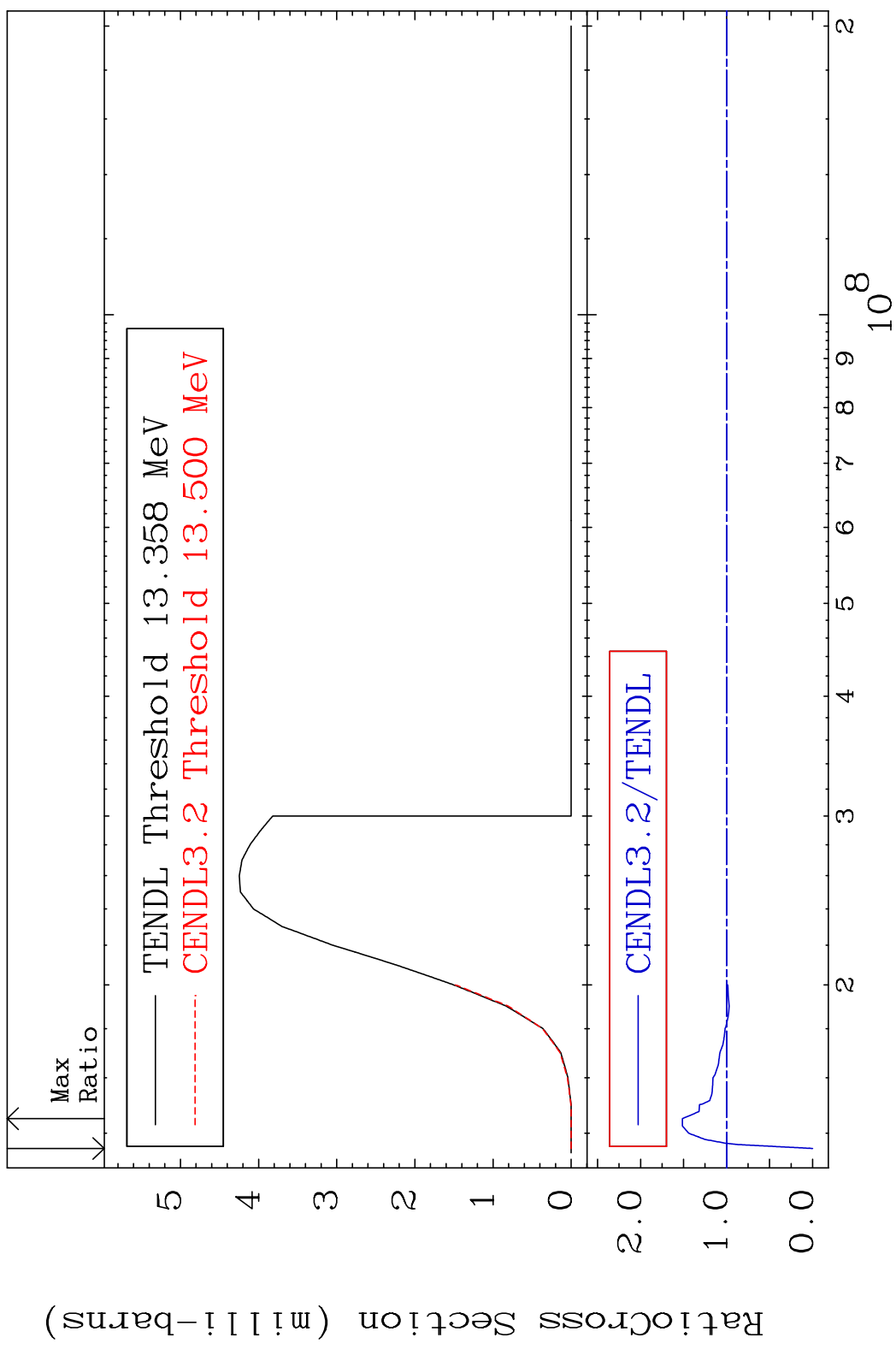


MAT 1637

(n, t)

16-S -36

Cross Section -100.0 To 51.43 %

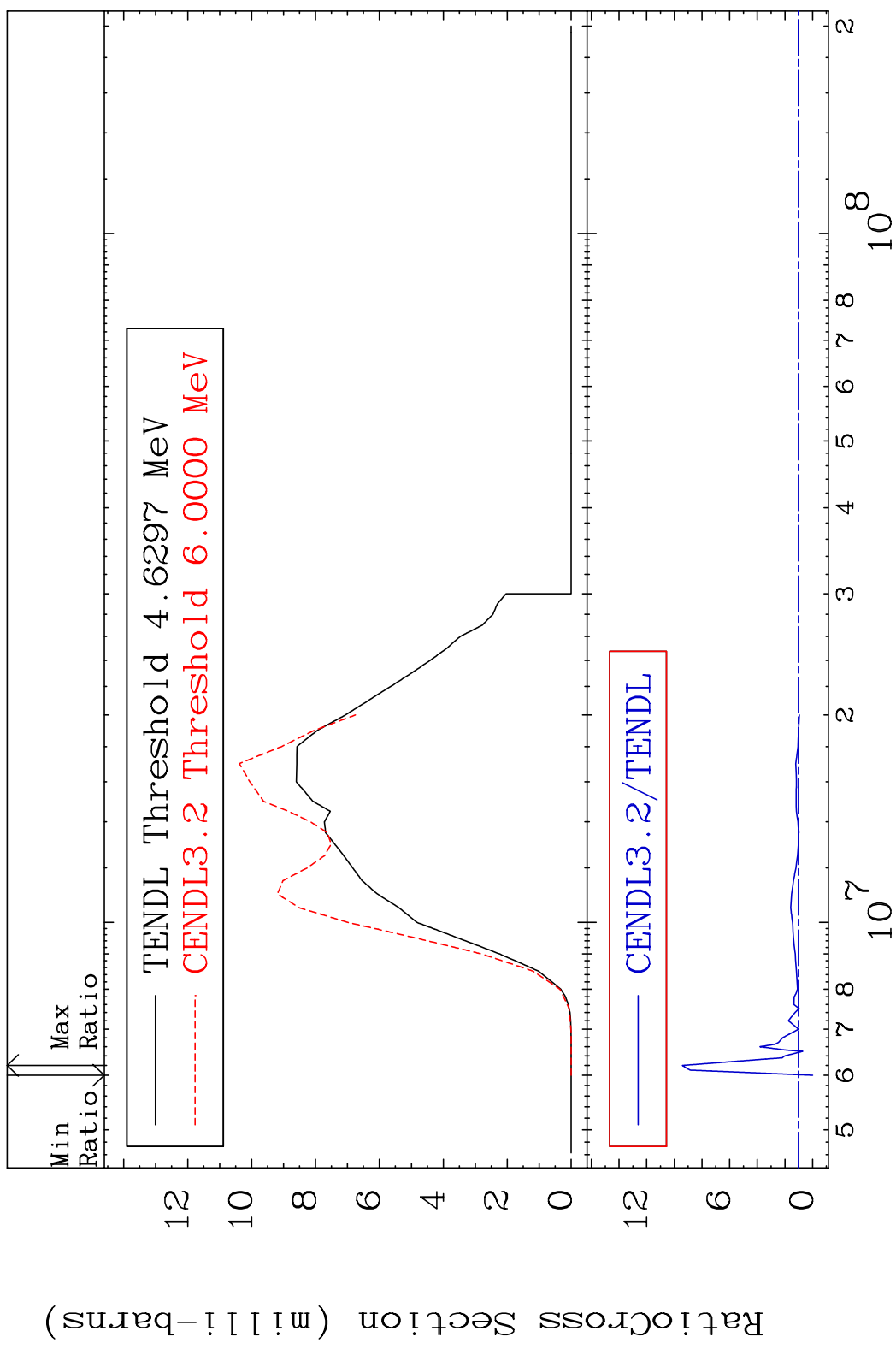


MAT 1637

(n, α)

16-S -36

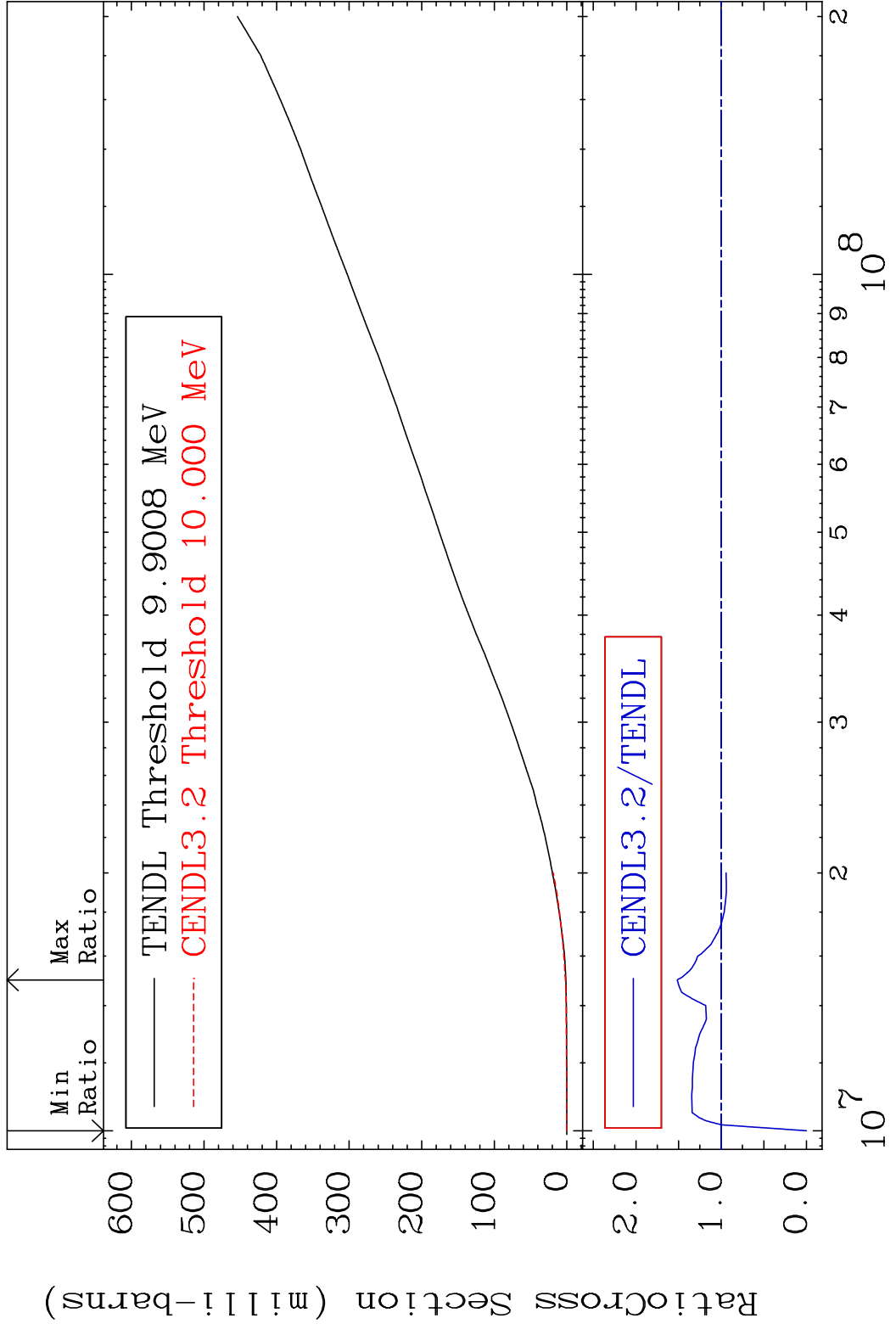
Cross Section -100.0 To 841.9 %



20

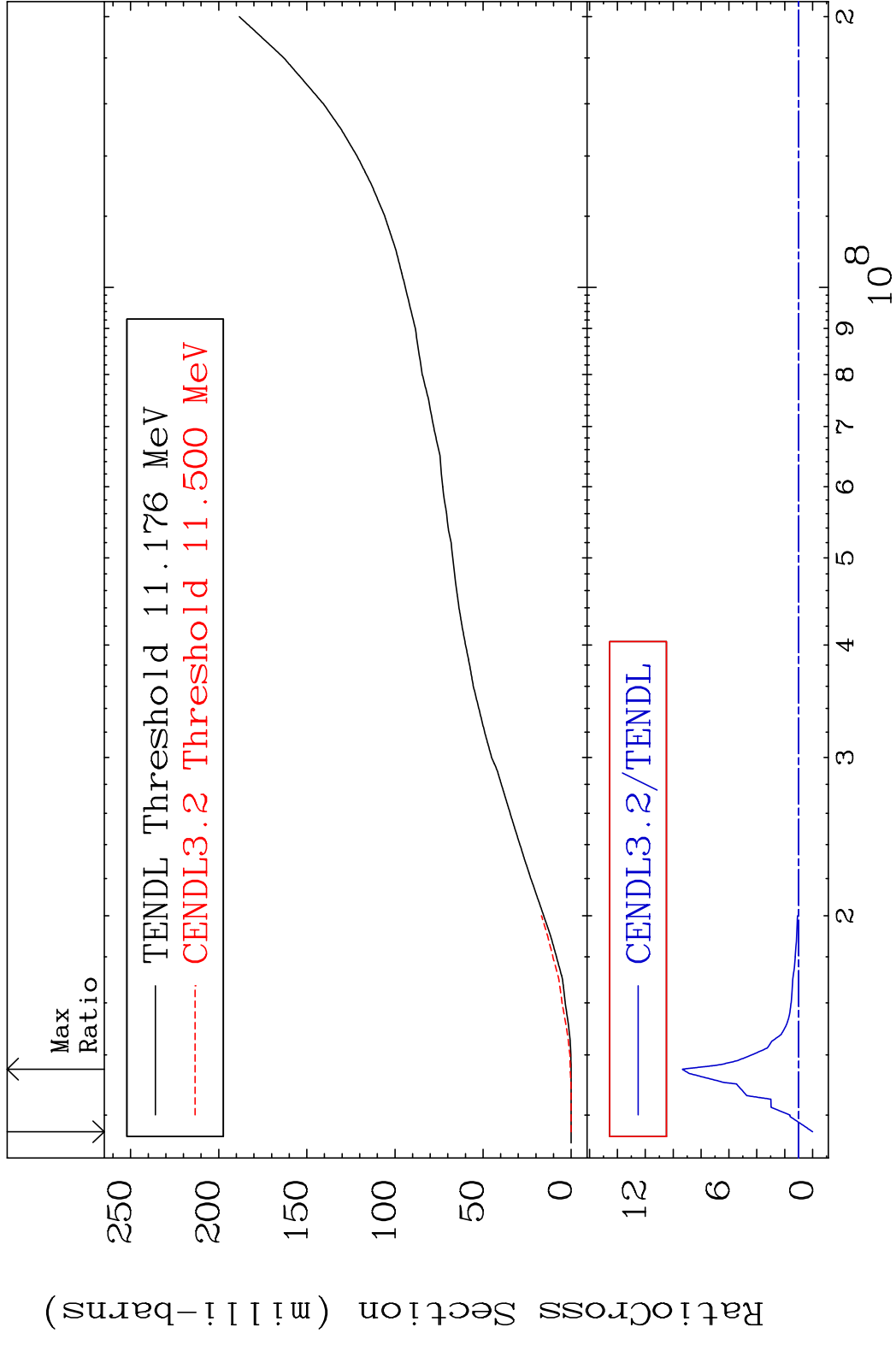
Incident Energy (eV)

16-S -36

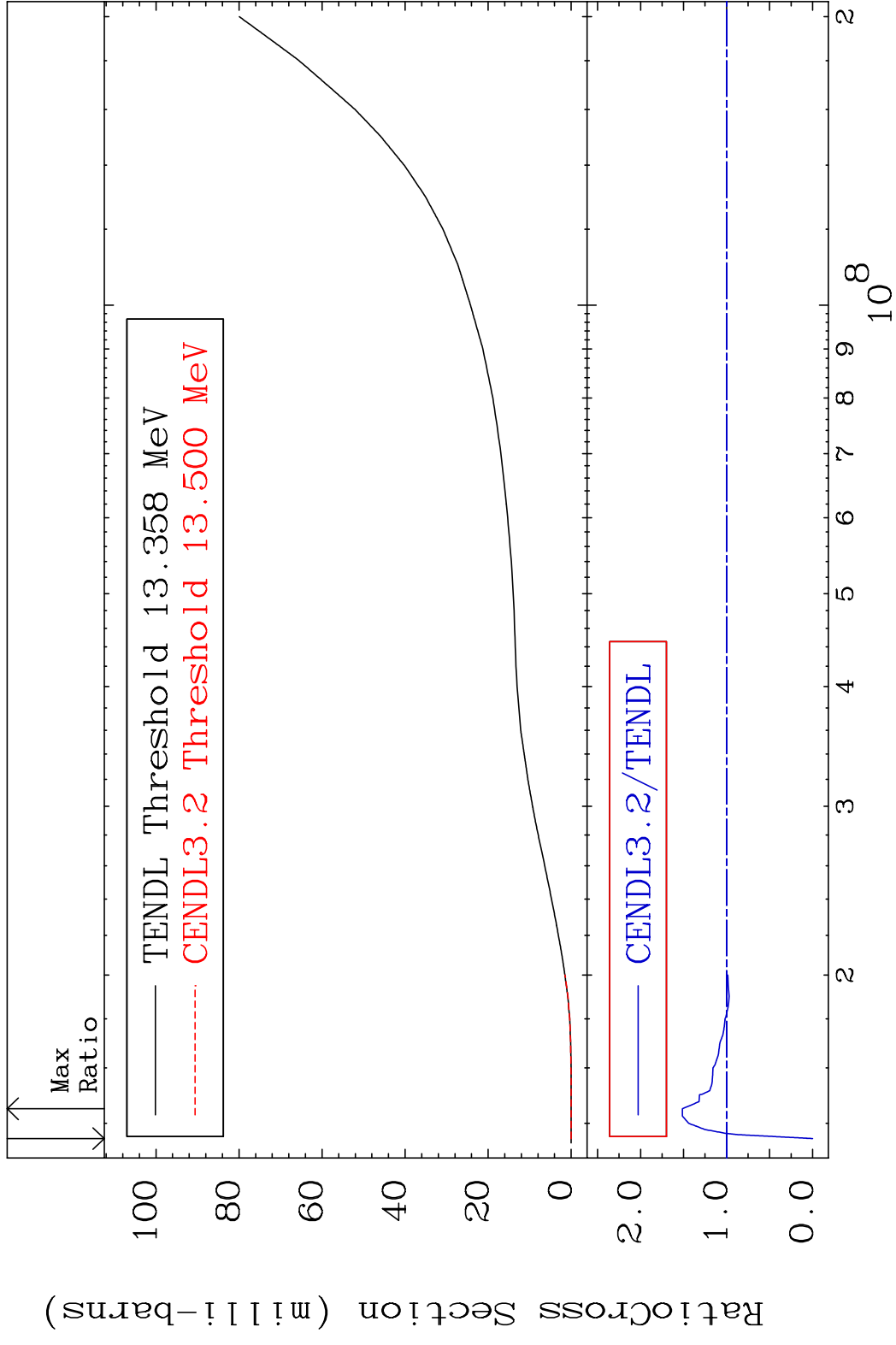


MAT 1637

Deuterium Production 16-S -36
Cross Section -100.0 To 834.2 %



Cross Section -100.0 To 51.43 %

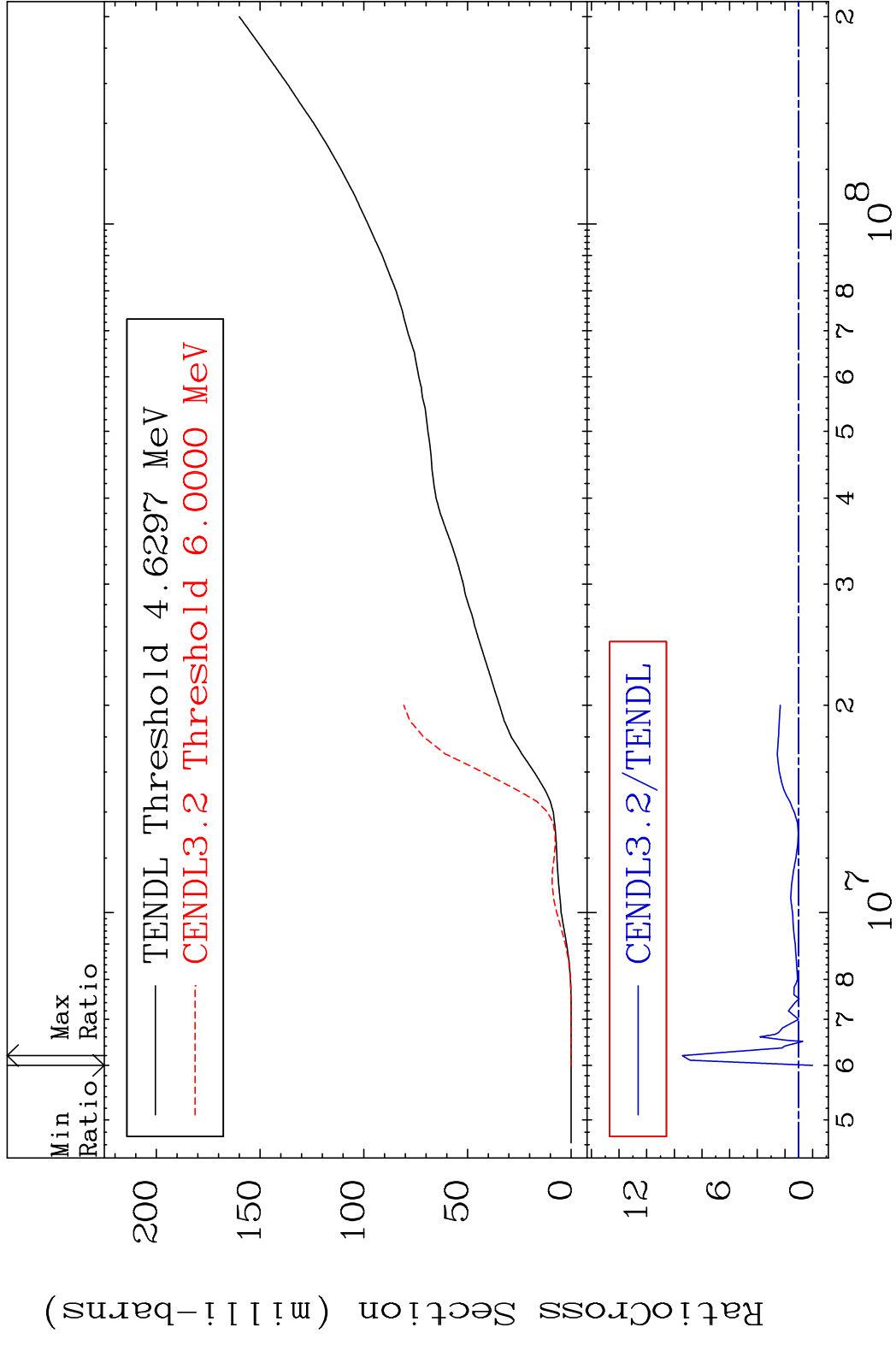


MAT 1637

He-4 Production

16-S -36

Cross Section -100.0 To 841.9 %

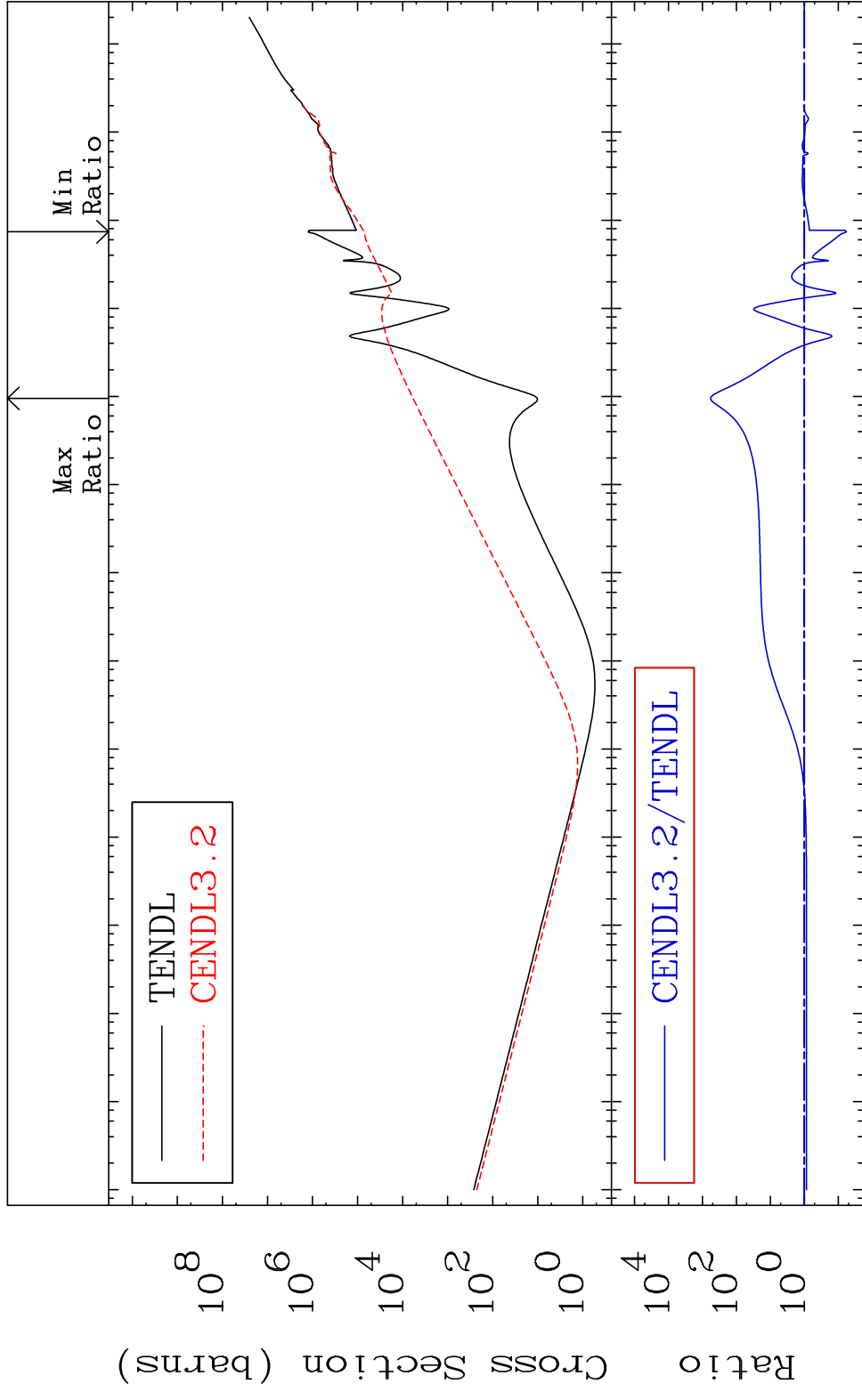


24

Incident Energy (eV)

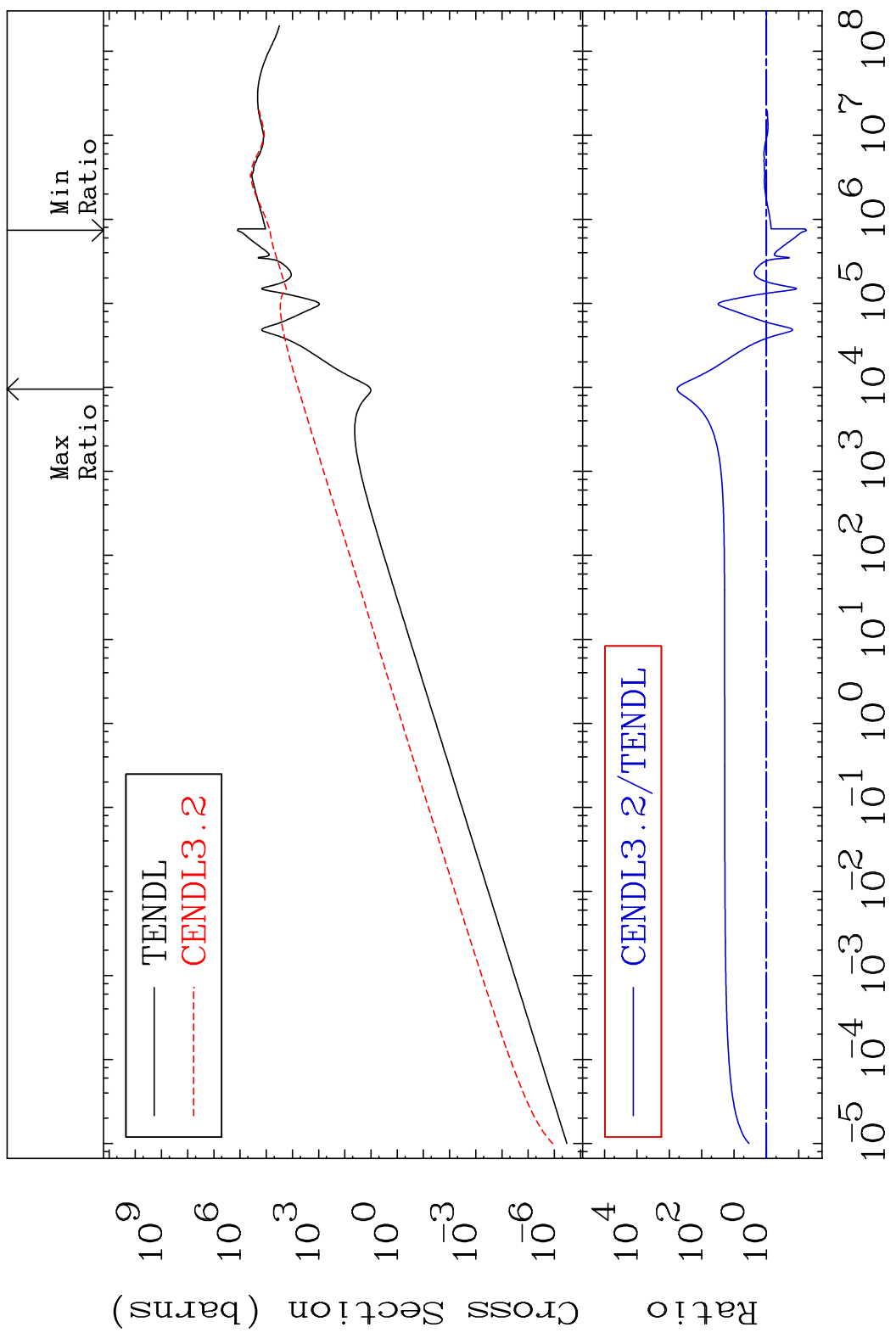
16-S -36

MAT 1637 Kerma total (eV-barns) 16-S -36
 Cross Section -94.24 To 9999. %

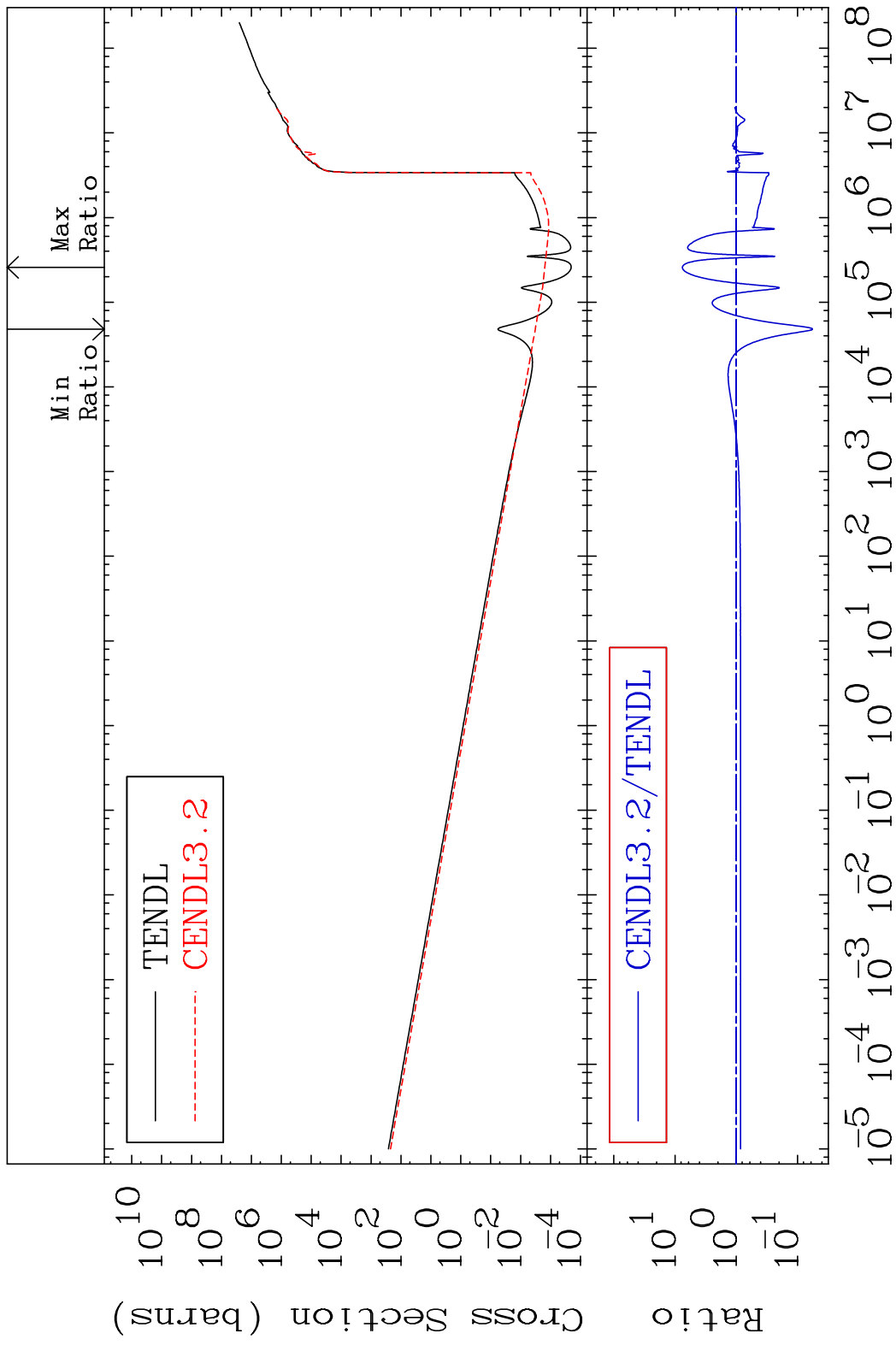


MAT 1637

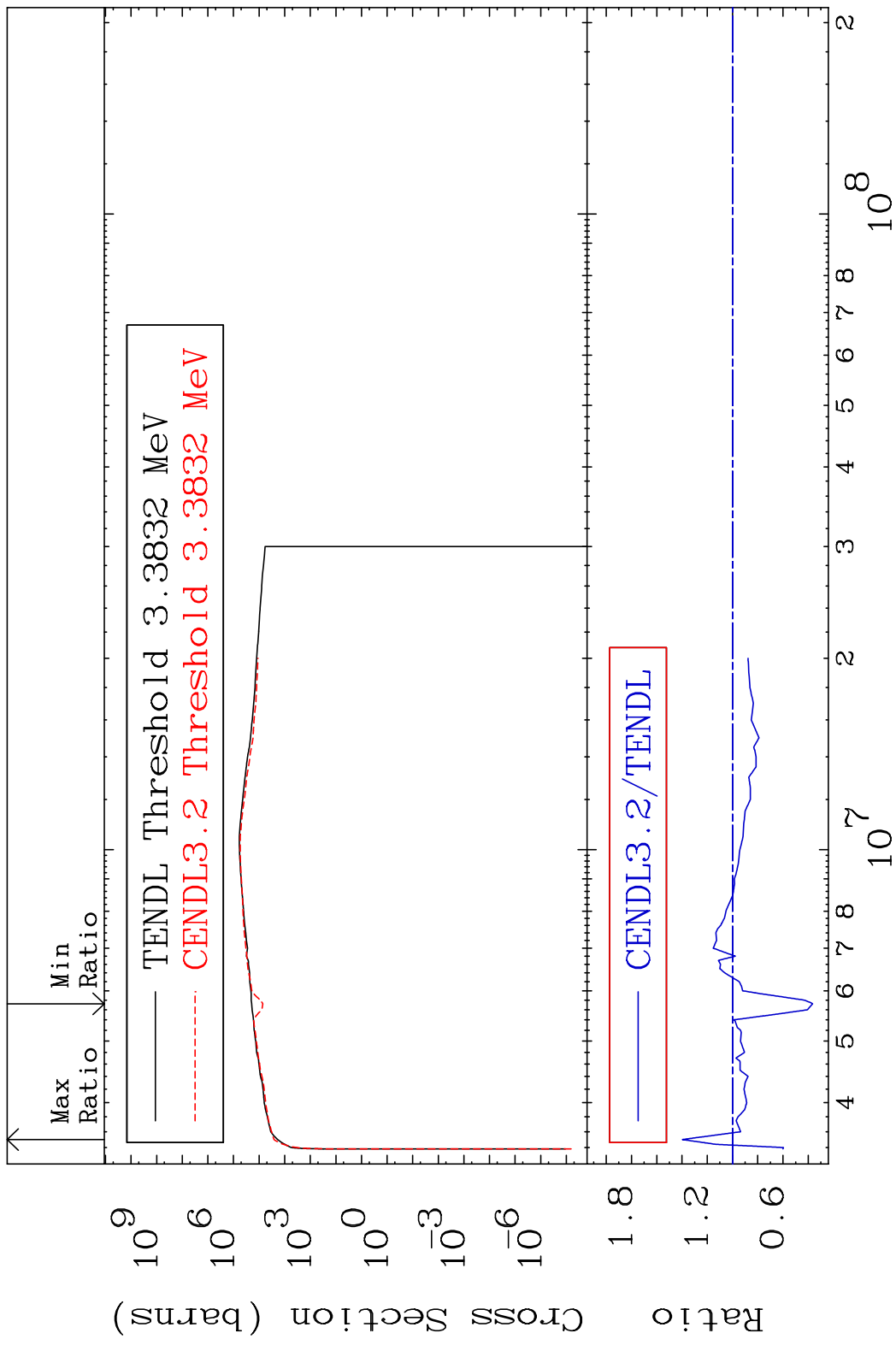
Kerma elastic Cross Section -94.24 To 9999. %
16-S -36



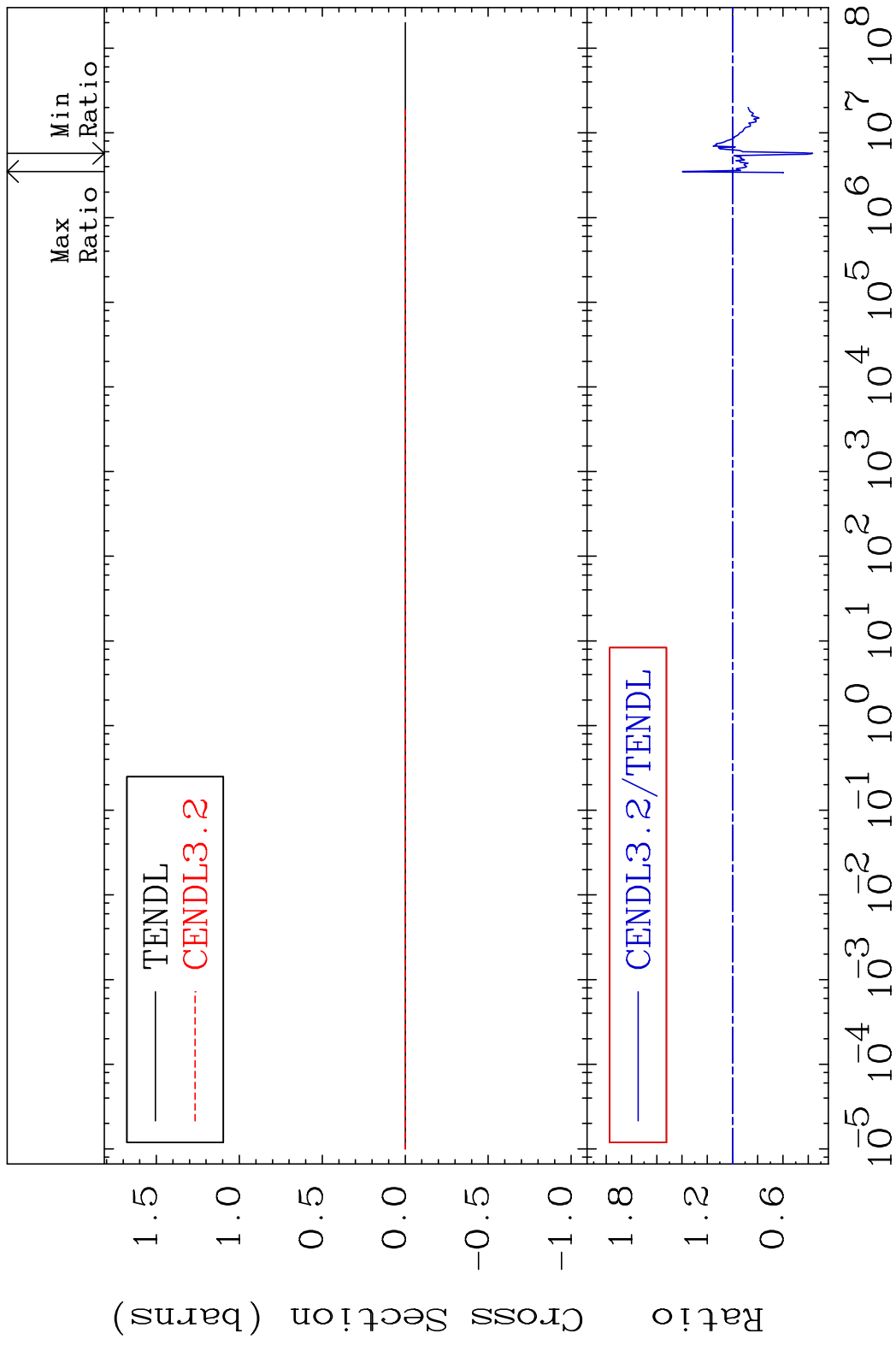
MAT 1637 Kerma non-elastic (all but mt2) 16-S -36
 Cross Section -94.32 To 660.2 %



MAT 1637 Kerma inelastic (mt51-91) 16-S -36
 Cross Section -63.40 To 39.72 %

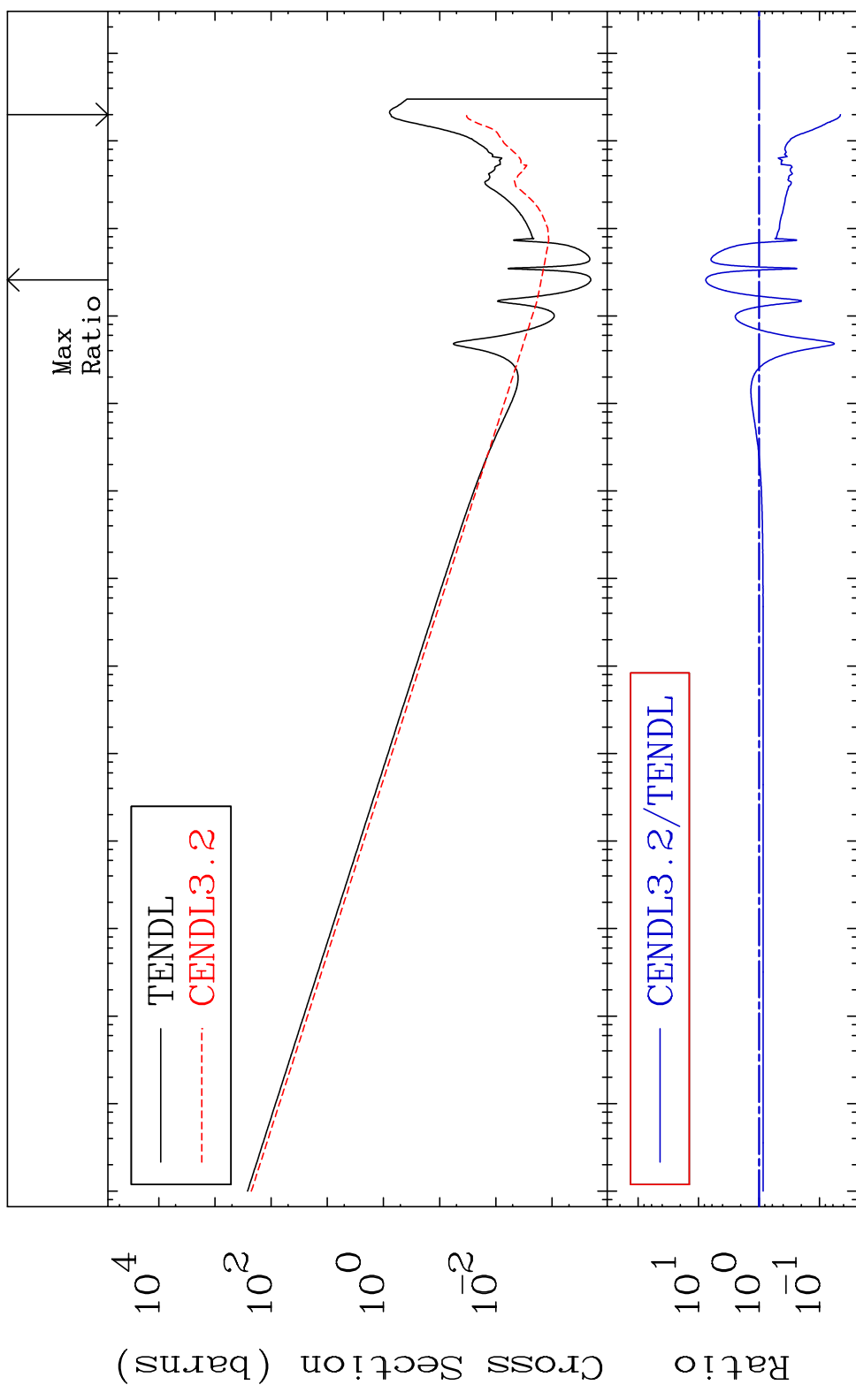


MAT 1637 Kerma fission (mt18 or mt19-20-21-38) 16-S -36
 Cross Section -63.40 To 39.72 %



MAT 1637

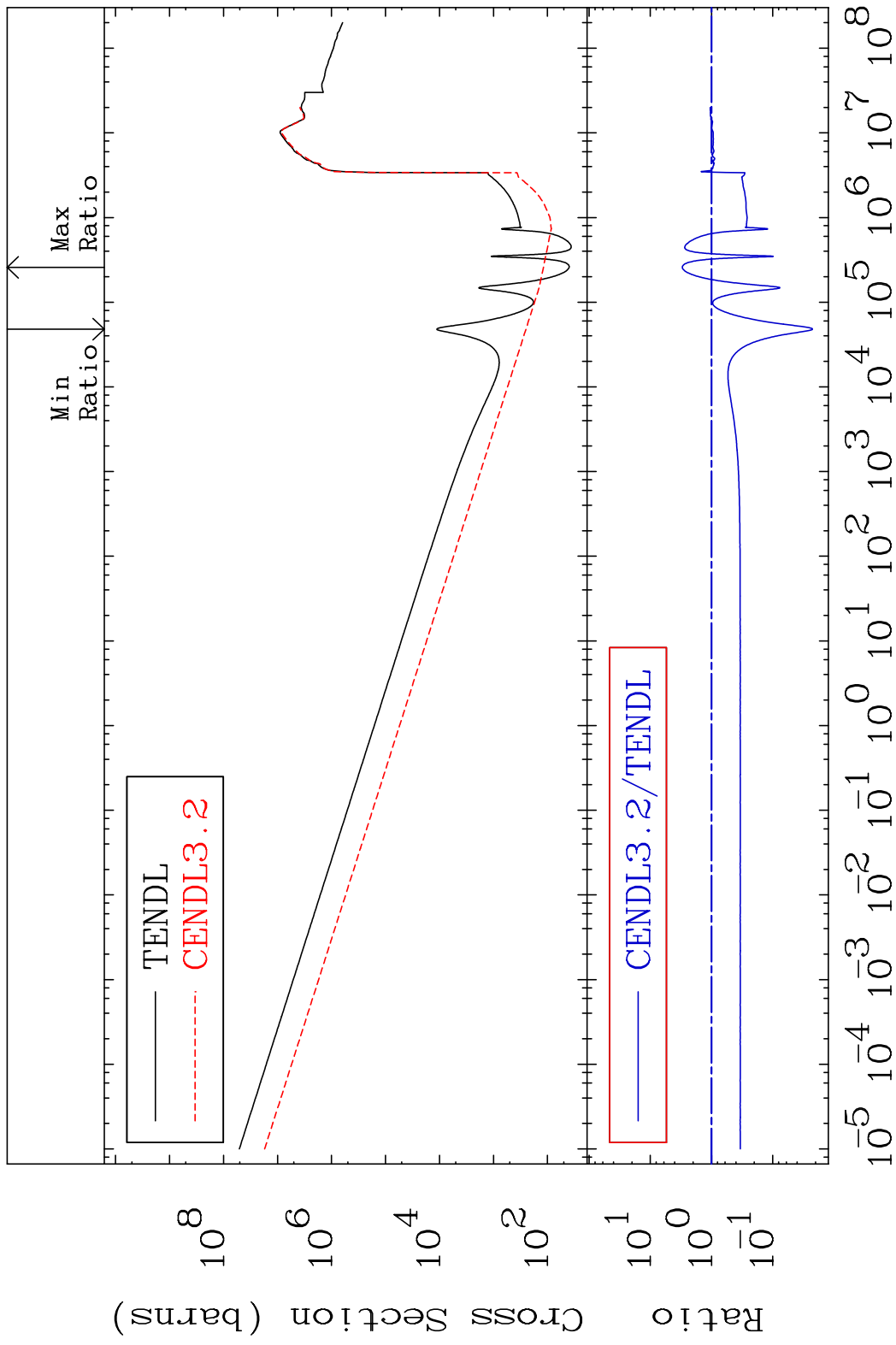
Kerma capture (mt102) 16-S -36
Cross Section -95.50 To 660.2 %



30

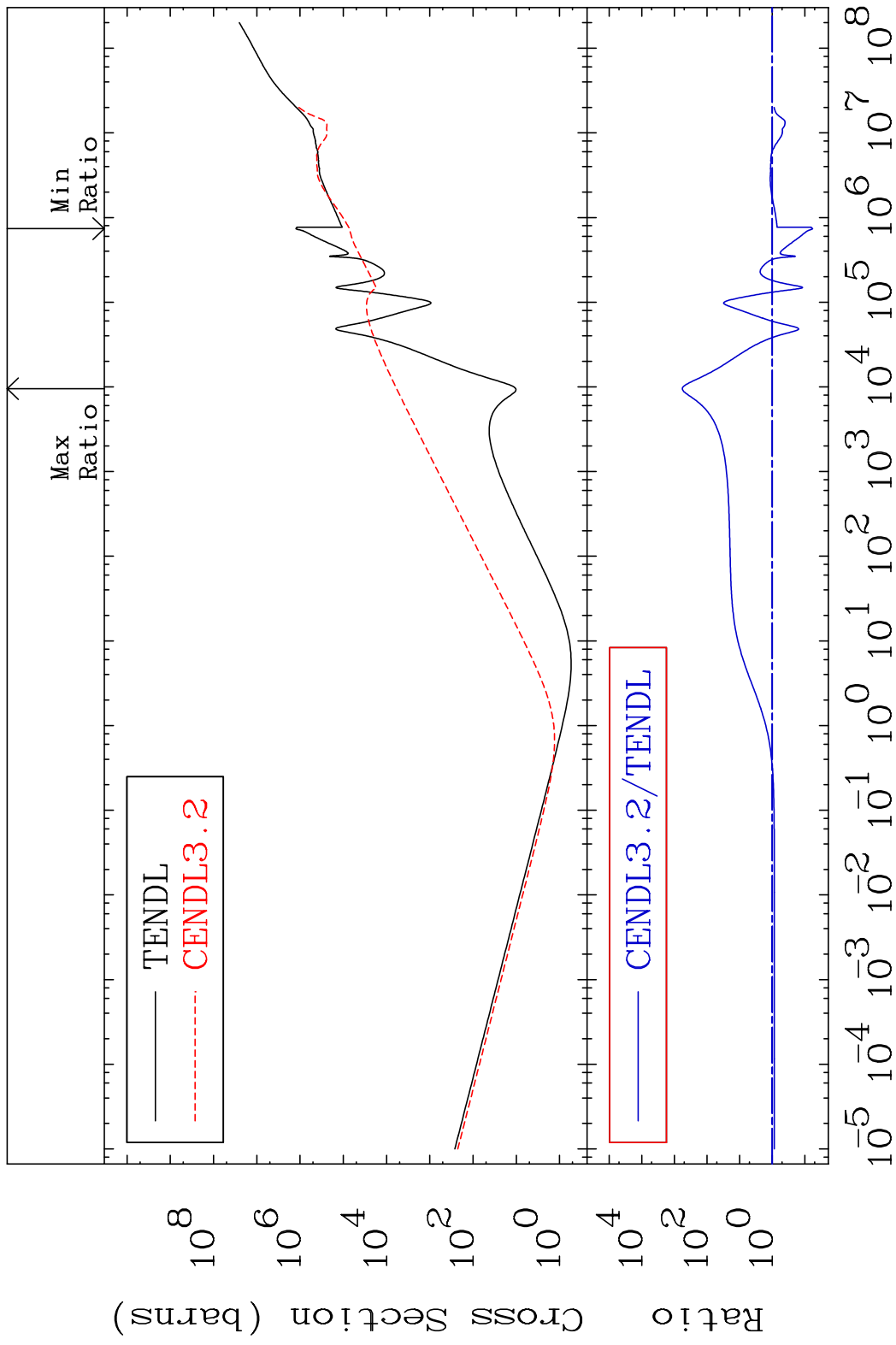
Incident Energy (eV) 16-S -36

MAT 1637 Total photon (eV-barns) 16-S -36
 Cross Section -97.77 To 199.7 %

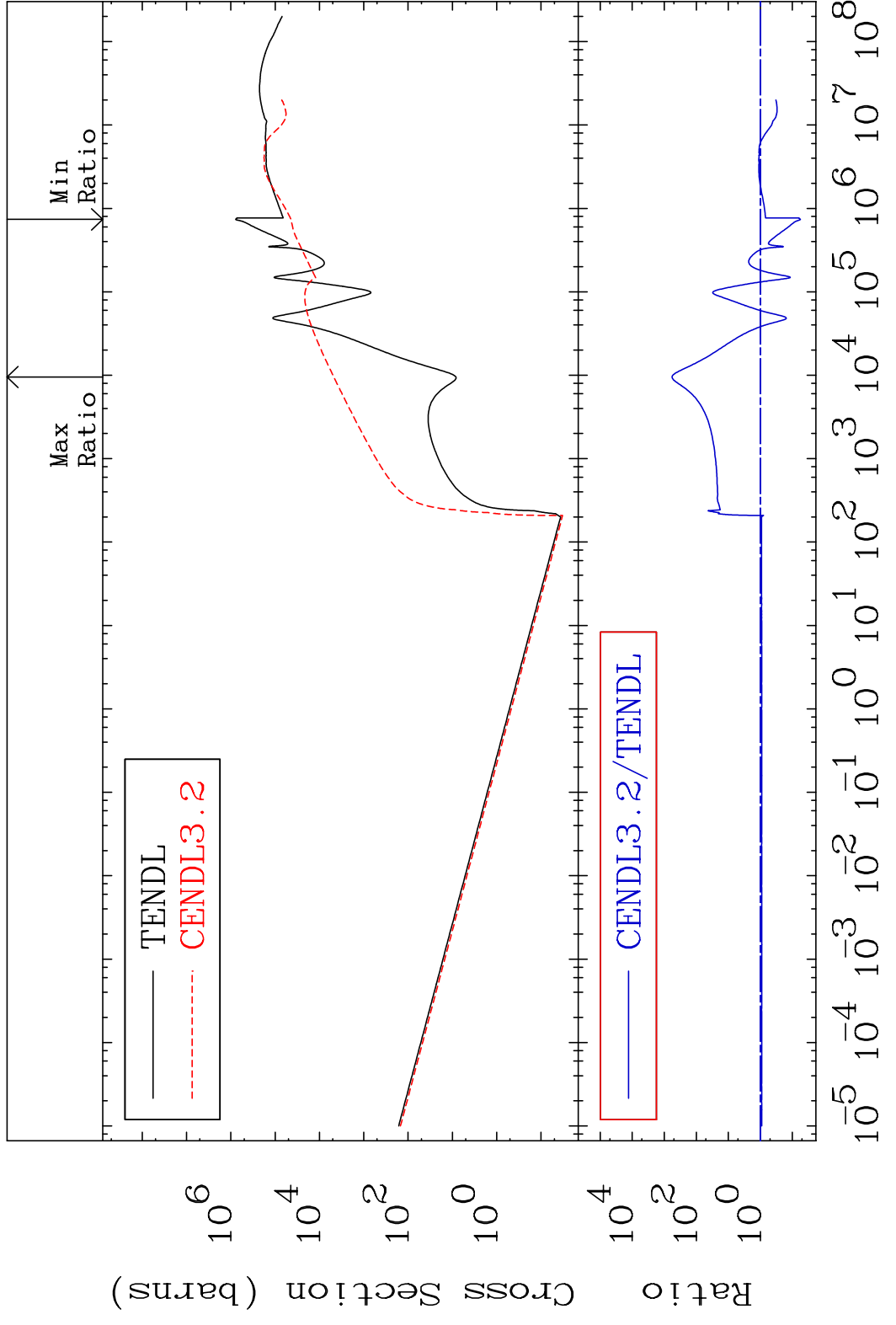


31 Incident Energy (eV) 16-S -36

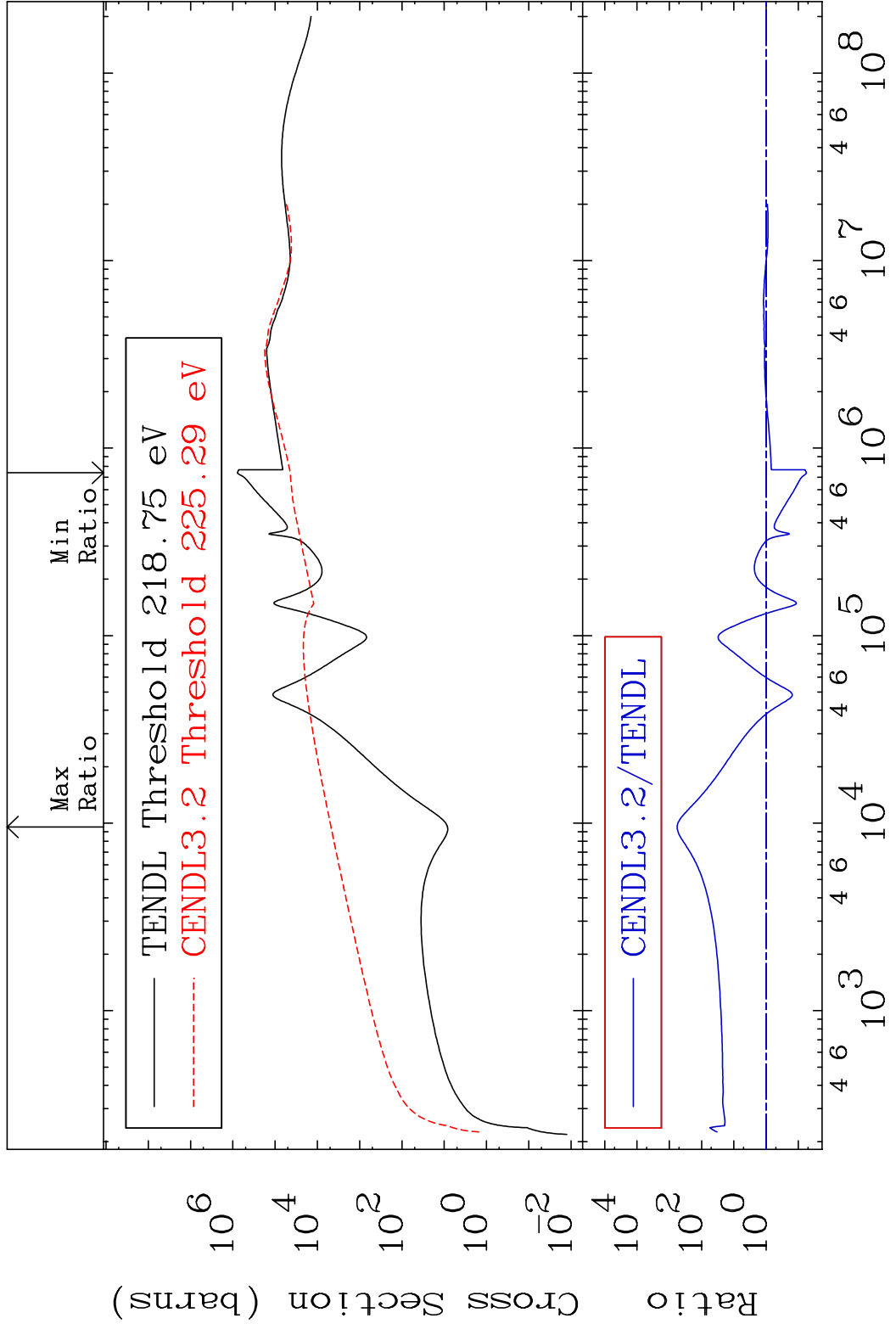
MAT 1637 Total kinematic kerma (high limit) 16-S -36
 Cross Section -94.24 To 9999. %



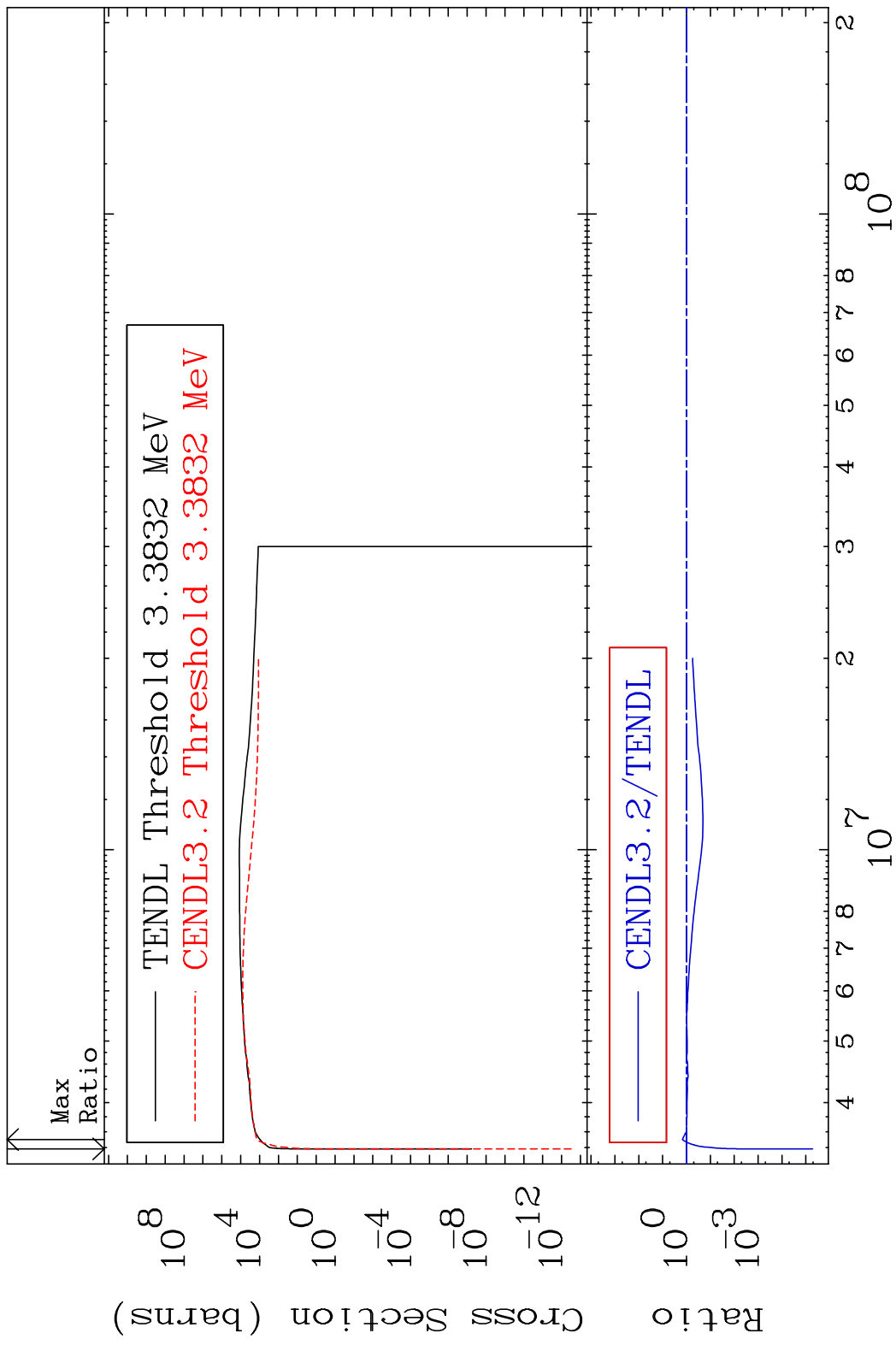
MAT 1637 Dpa total (eV-barns) 16-S -36
 Cross Section -94.35 To 9999. %



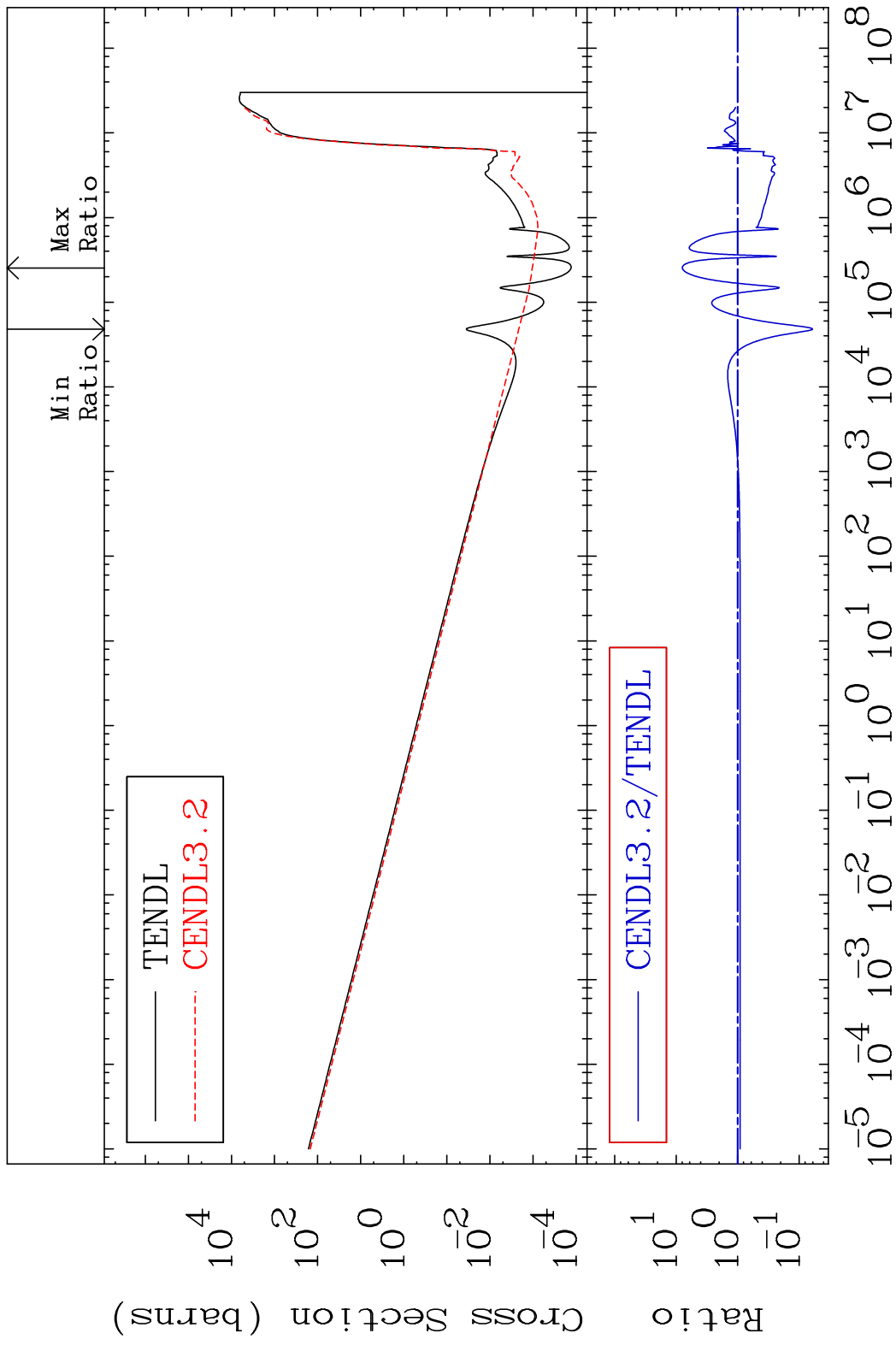
MAT 1637 Dpa elastic (mt2) 16-S -36
 Cross Section -94.35 To 9999. %



MAT 1637 Dpa inelastic (mt51-91) 16-S -36
 Cross Section -100.0 To 49.44 %

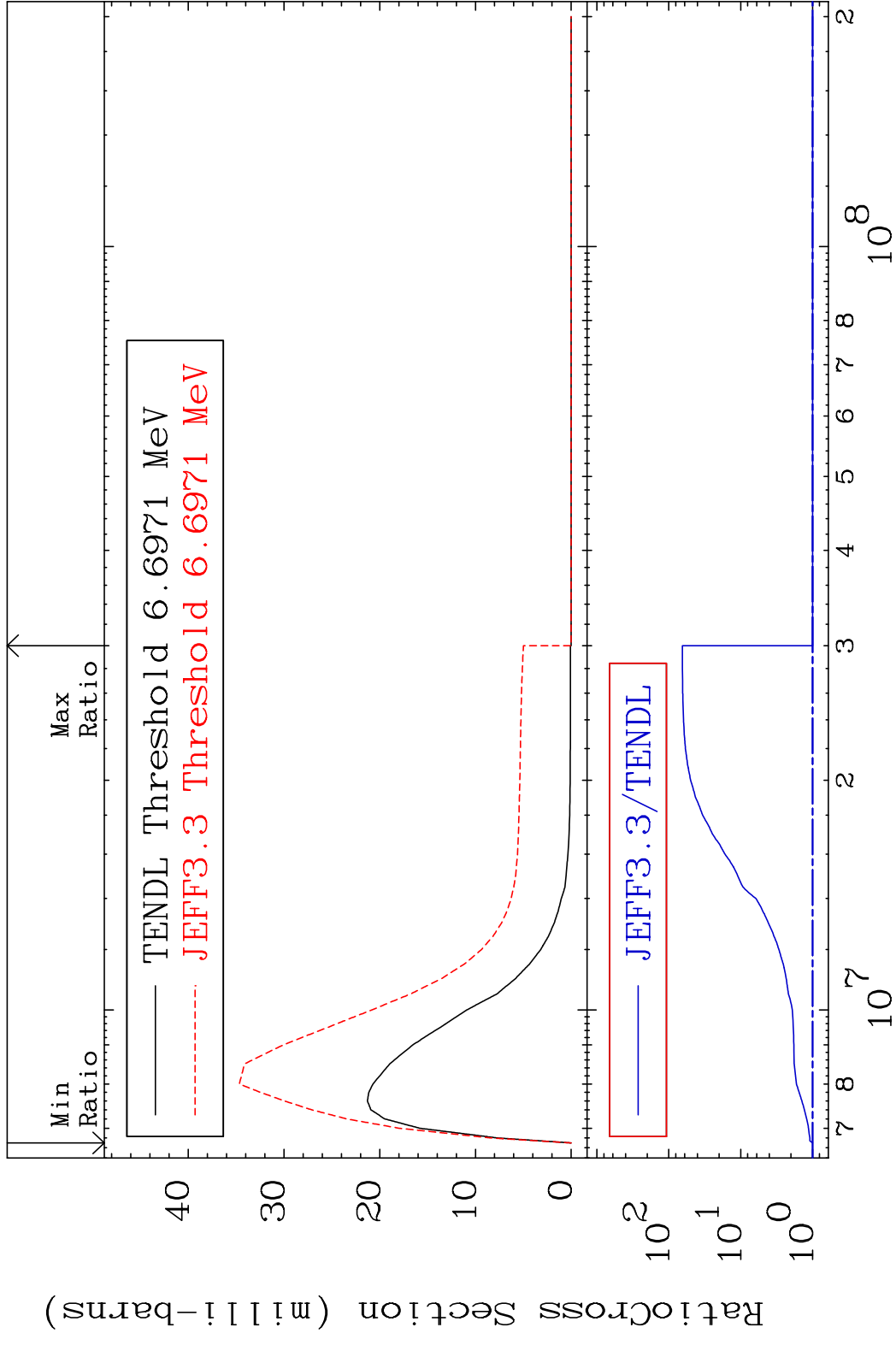


MAT 1637 Dpa disappearance (mt102 -120) 16-S -36
 Cross Section -93.94 To 692.2 %

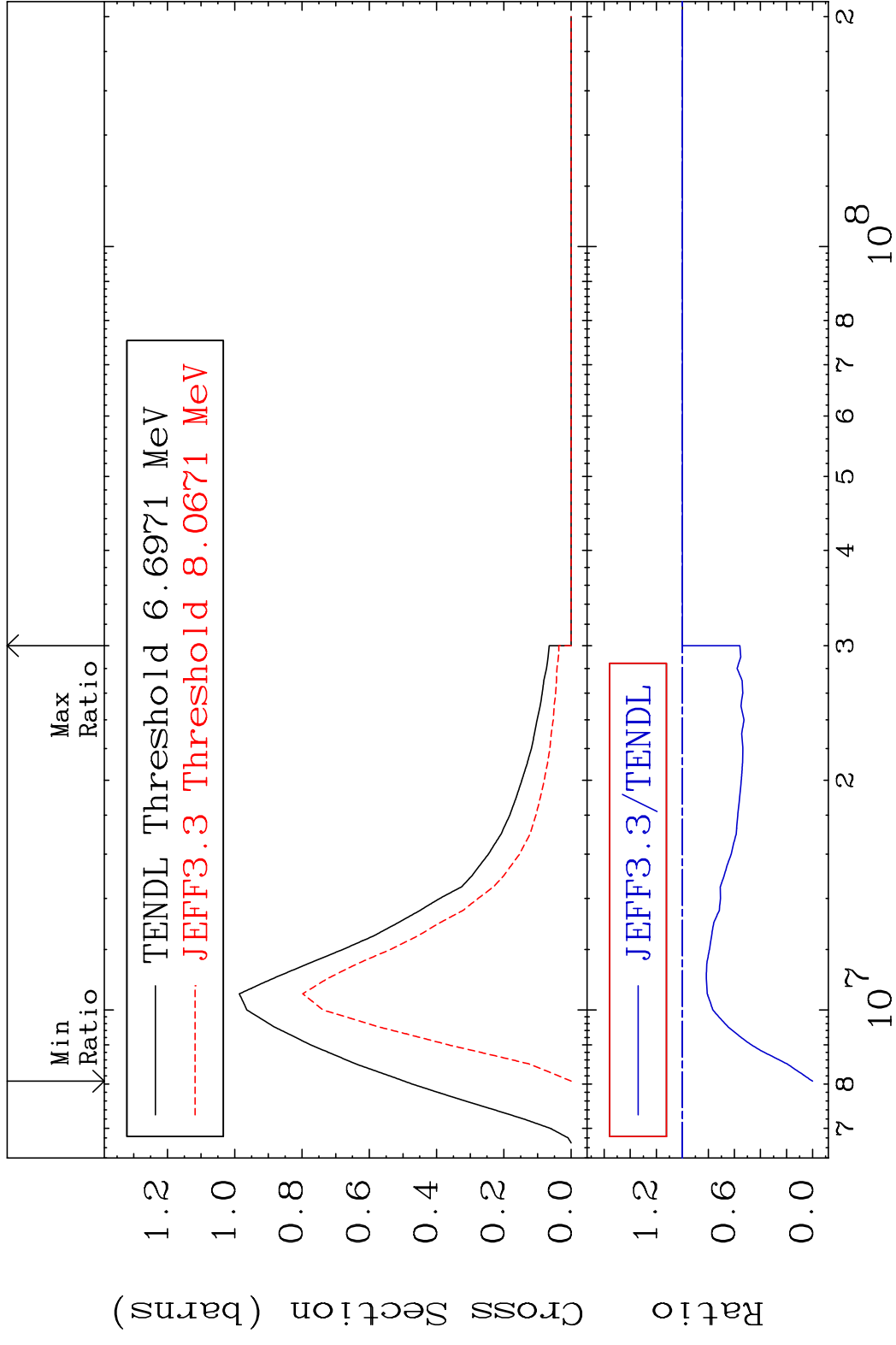


36 Incident Energy (eV) 16-S -36

MAT 1637 MT= 70 (n,n') Level 16-S -36
 Cross Section 0.000 To 6378. %



MAT 1637 (n, n') Continuum 16-S -36
 Cross Section -100.0 To 0.000 %

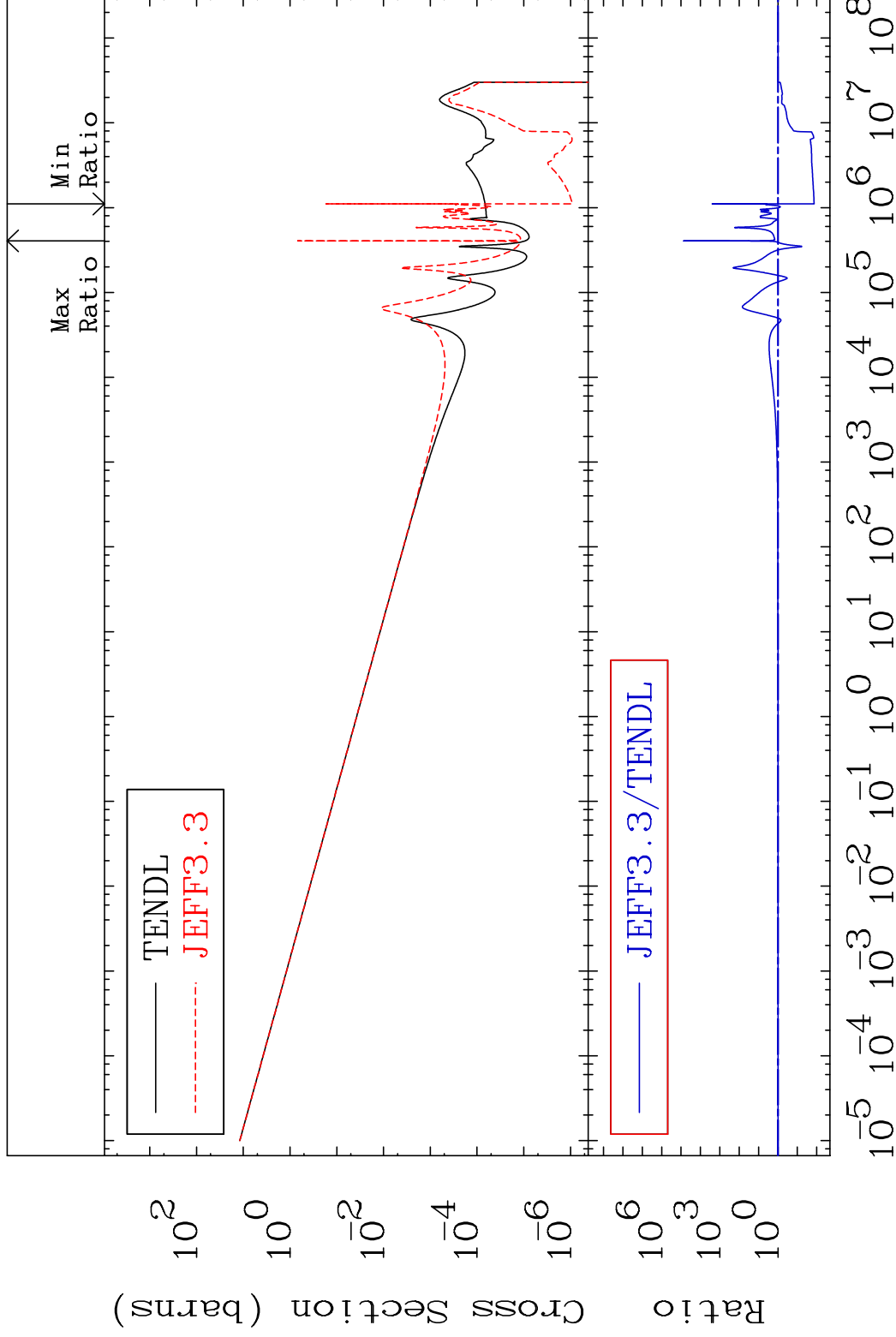


MAT 1637

(n, γ)

16-S -36

Cross Section -98.64 To 9999. %



39

Incident Energy (eV)

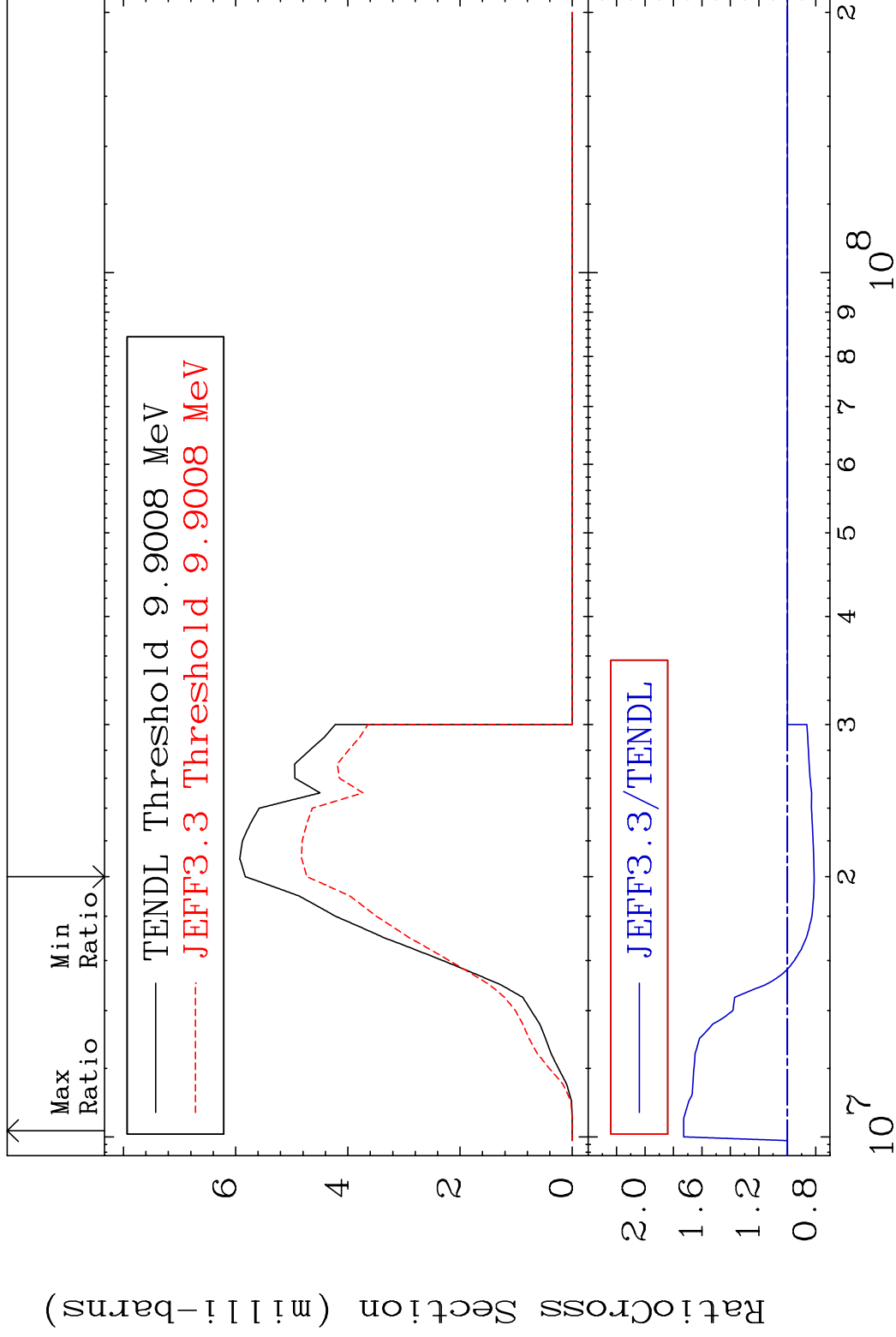
16-S -36

MAT 1637

(n,p)

16-S -36

Cross Section -18.83 To 72.84 %



40

Incident Energy (eV)

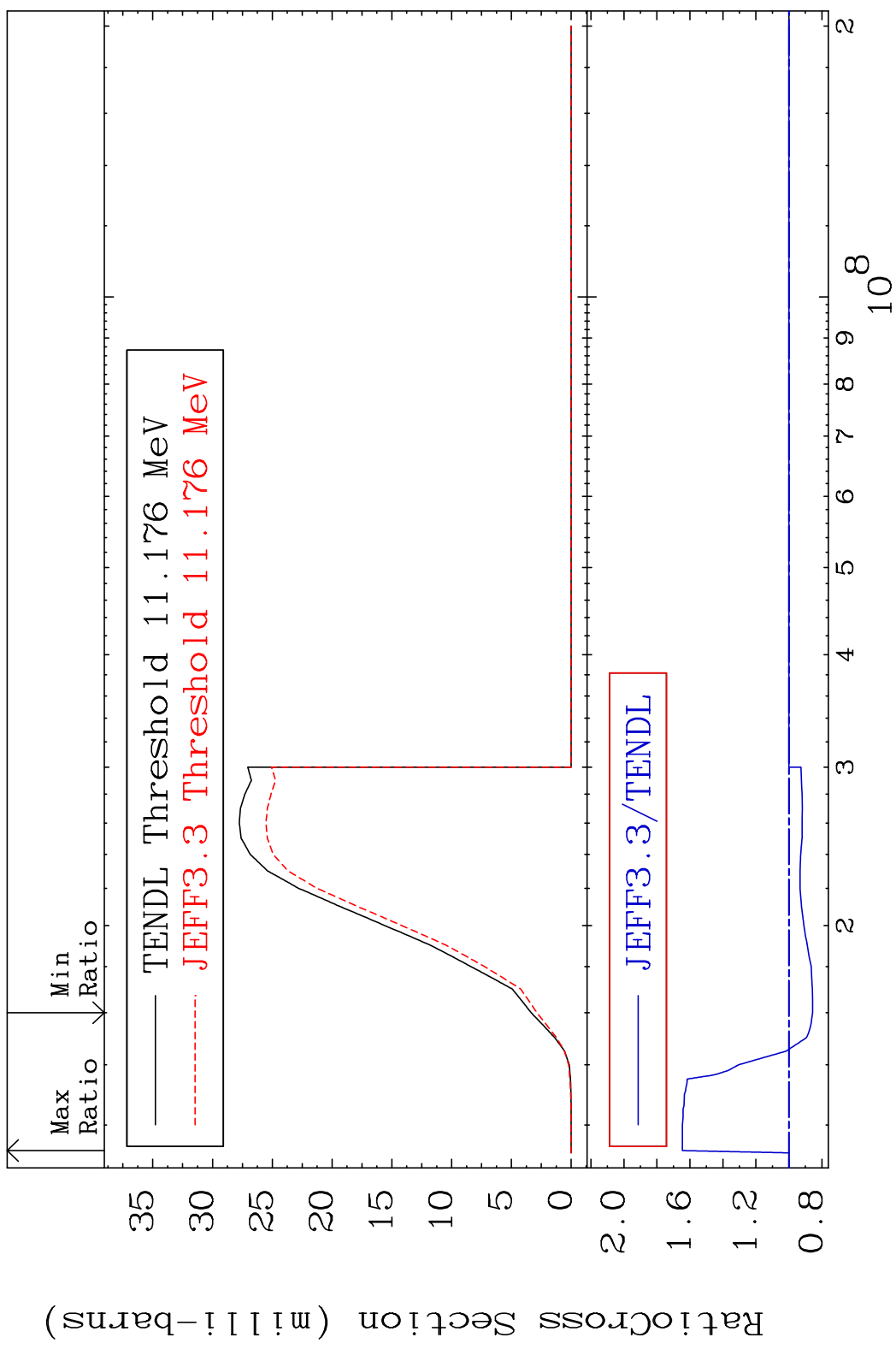
16-S -36

MAT 1637

(n,d)

16-S -36

Cross Section -14.33 To 64.57 %

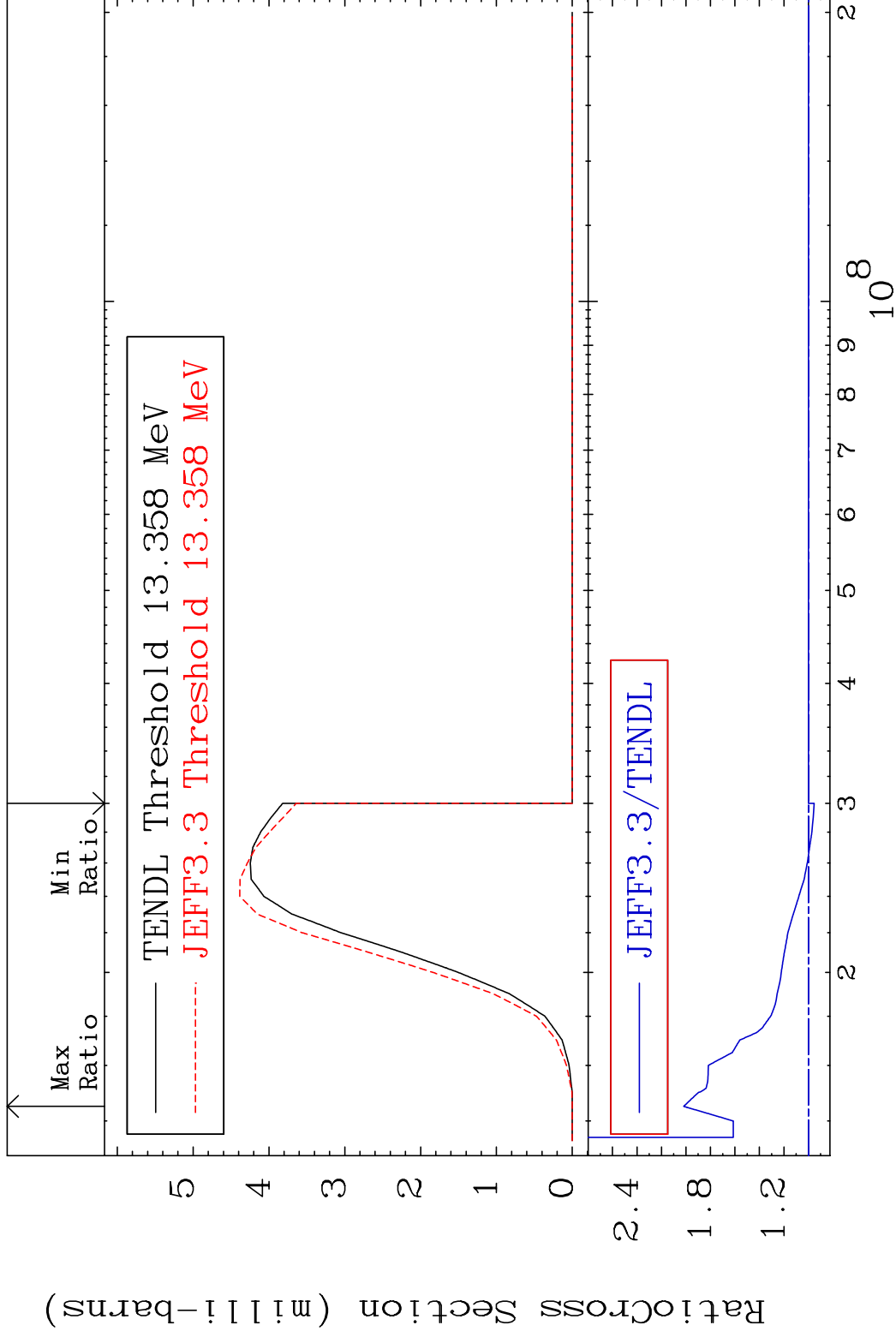


MAT 1637

(n, t)

16-S -36

Cross Section -4.664 To 101.9 %



42

Incident Energy (eV)

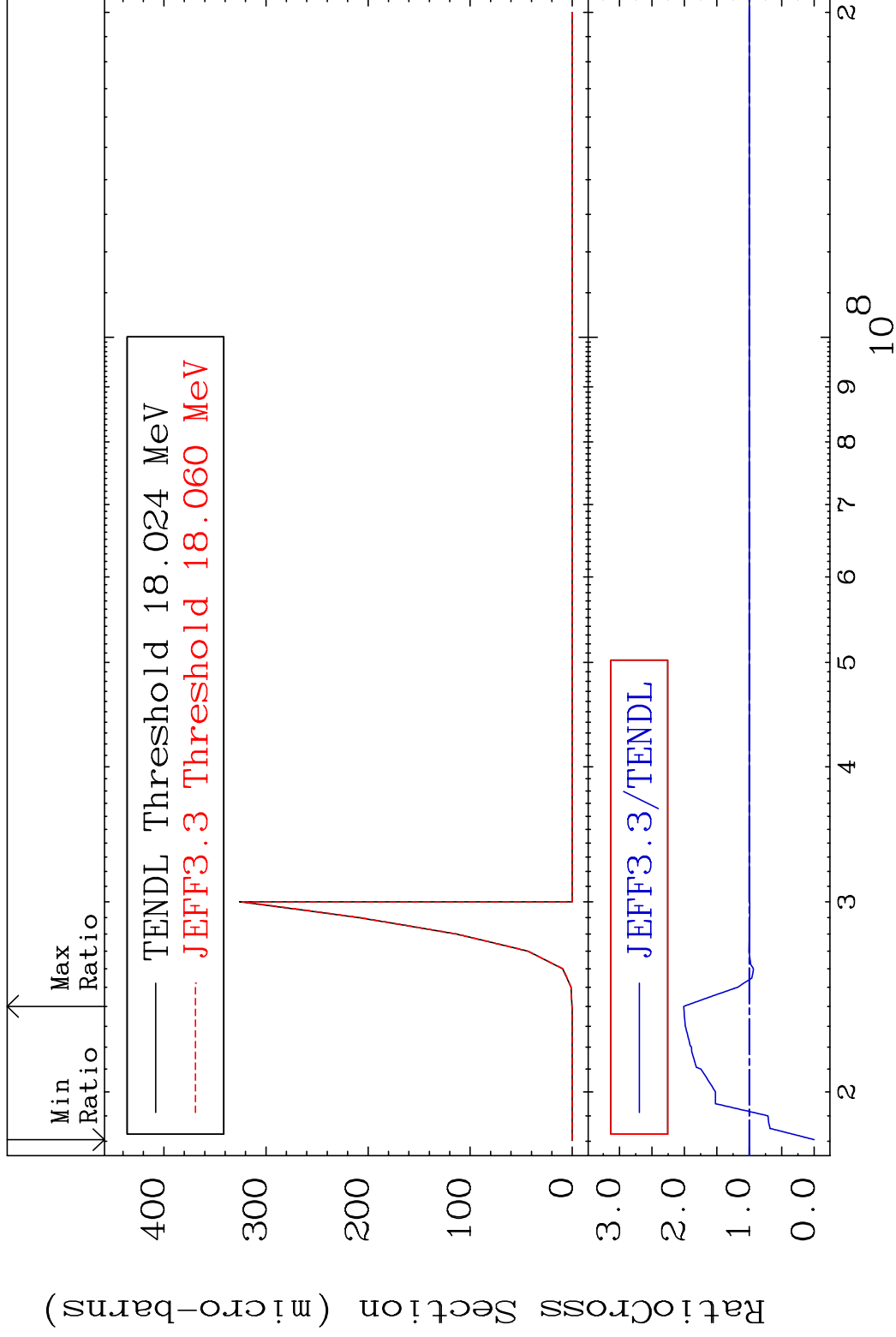
16-S -36

MAT 1637

(n, He-3)

16-S -36

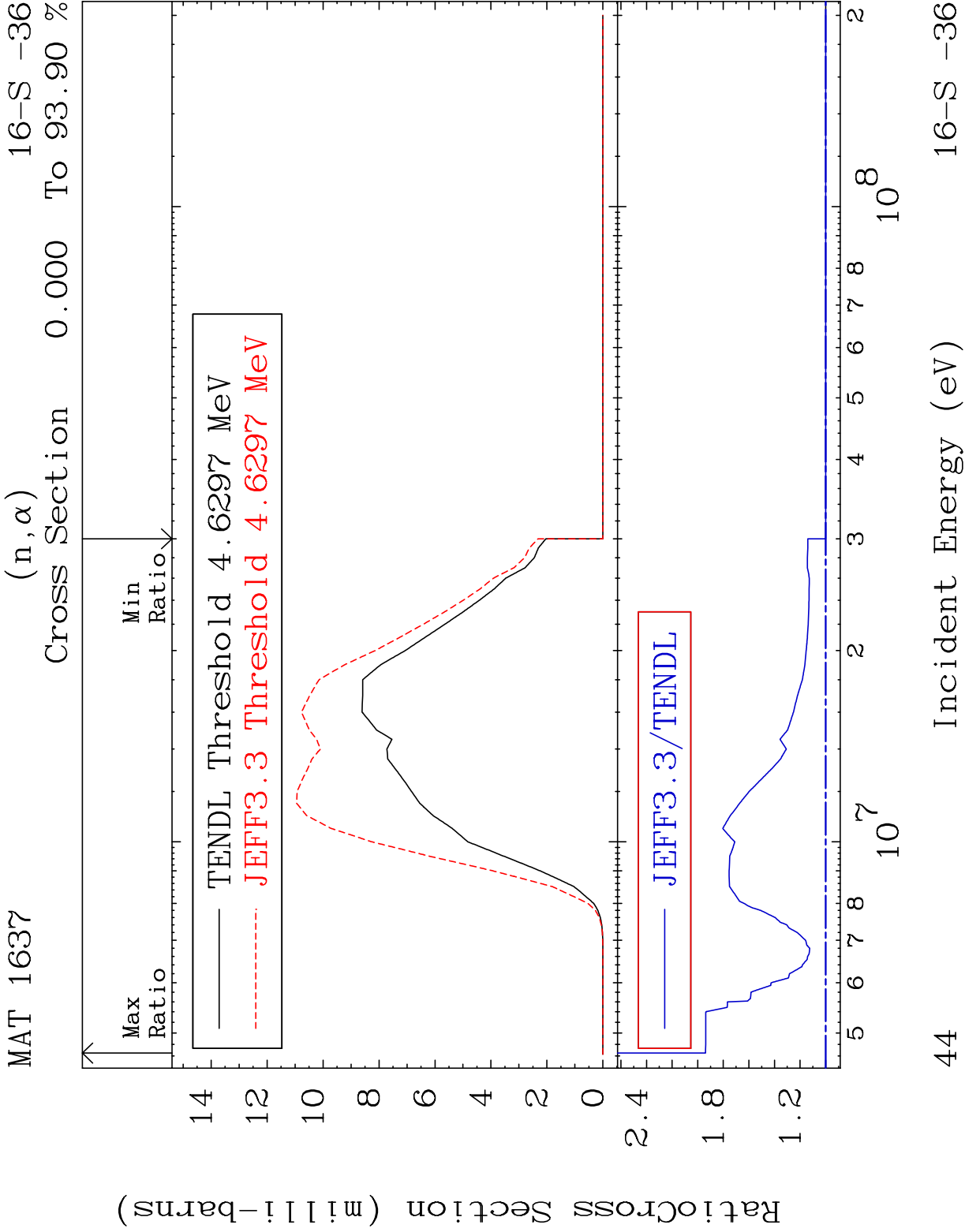
Cross Section -100.0 To 101.2 %



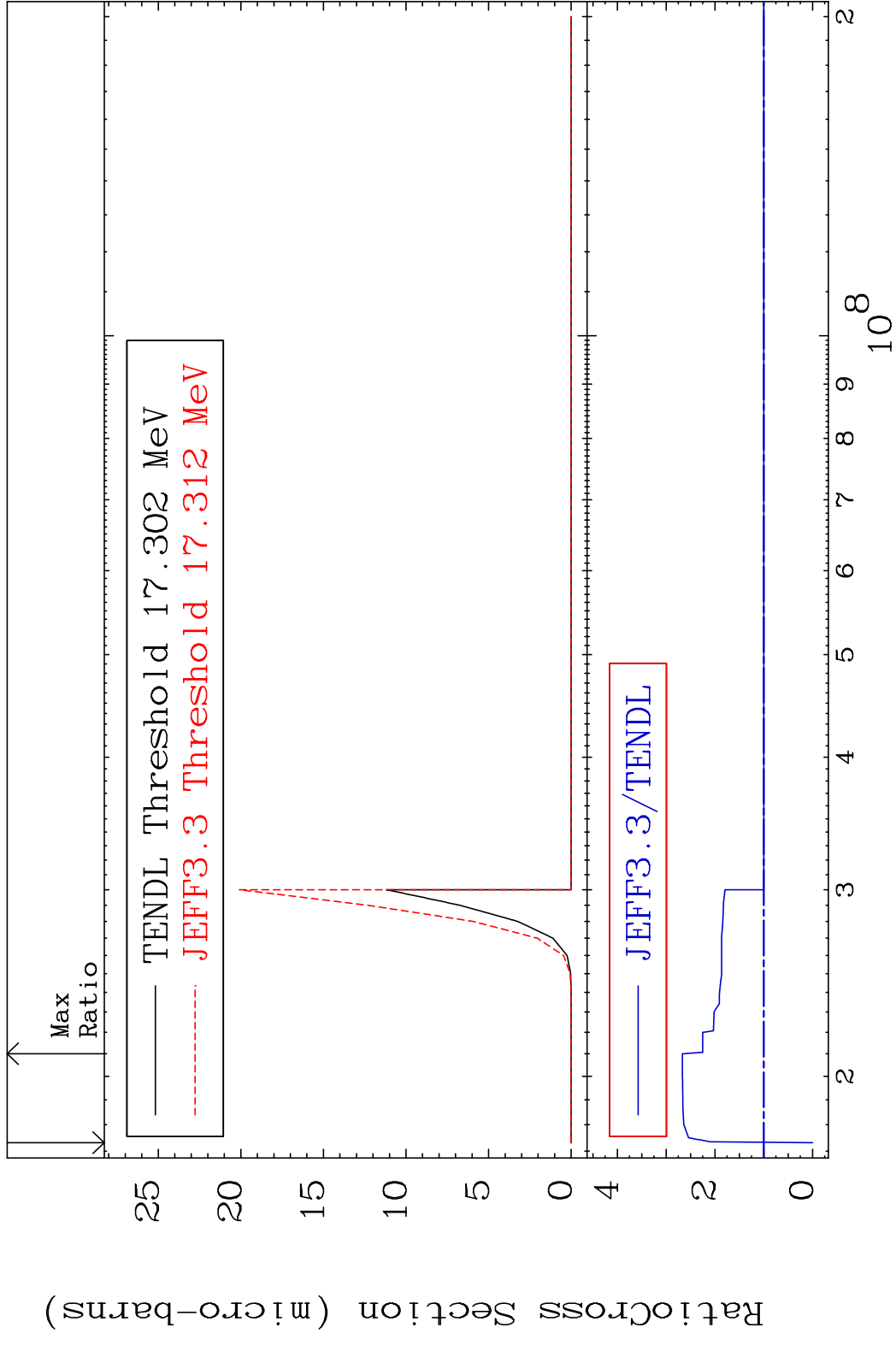
43

Incident Energy (eV)

16-S -36



MAT 1637 (n,2α) 16-S -36
 Cross Section -100.0 To 166.8 %

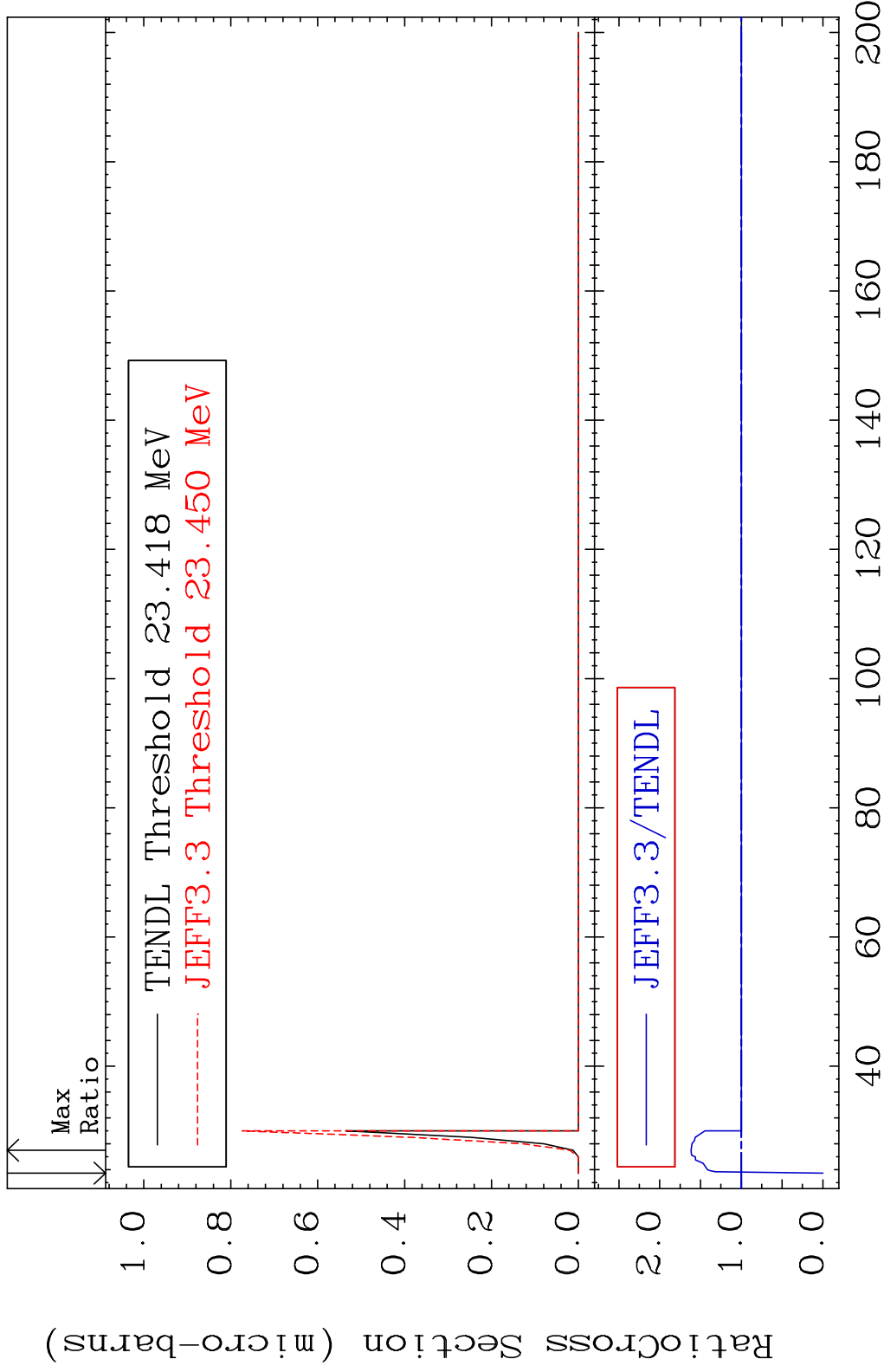


MAT 1637

(n,2p)

16-S -36

Cross Section -100.0 To 61.62 %



46

Incident Energy (MeV)

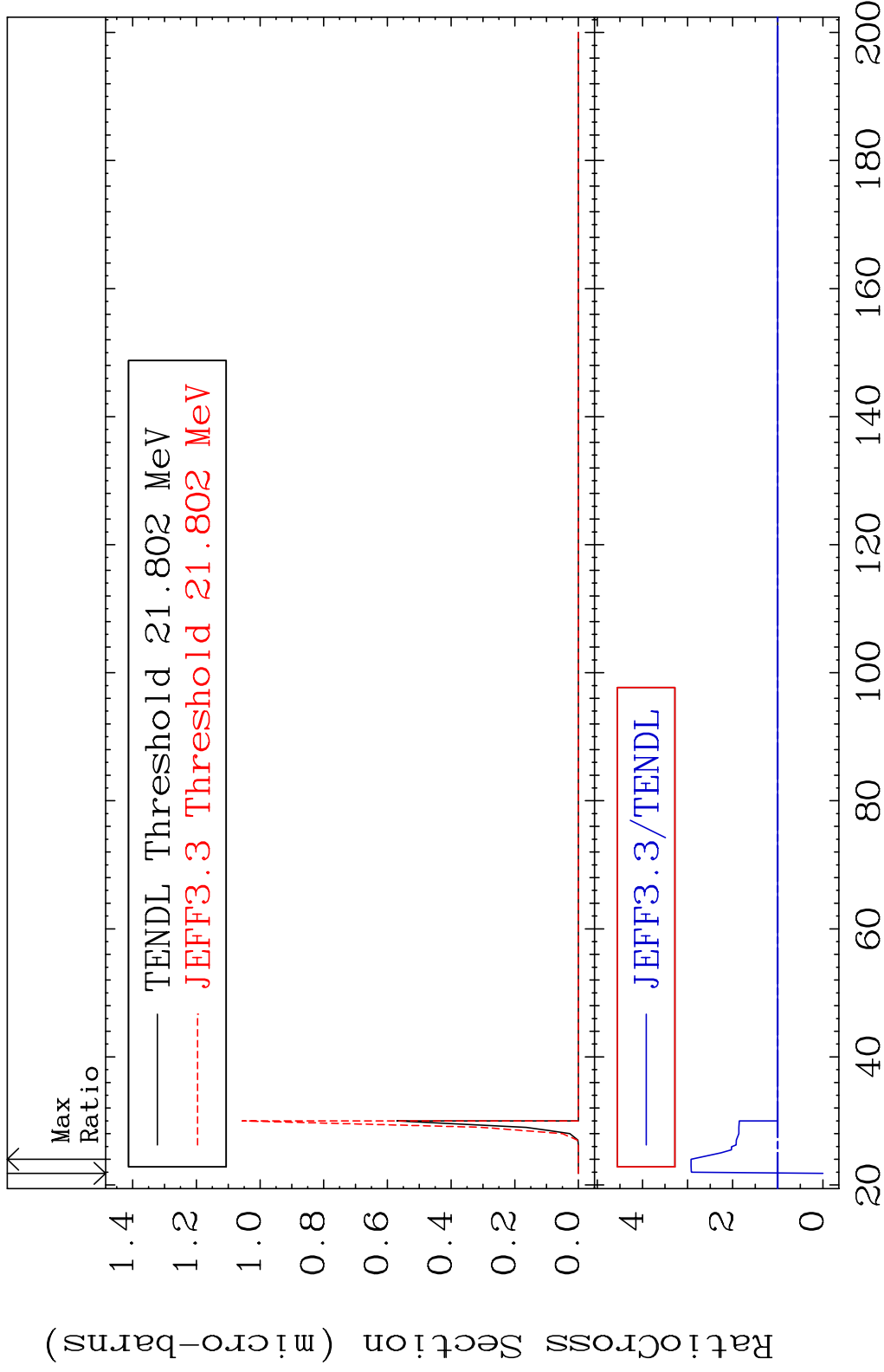
16-S -36

MAT 1637

(n,p) α

16-S -36

Cross Section -100.0 To 192.3 %



47

Incident Energy (MeV)

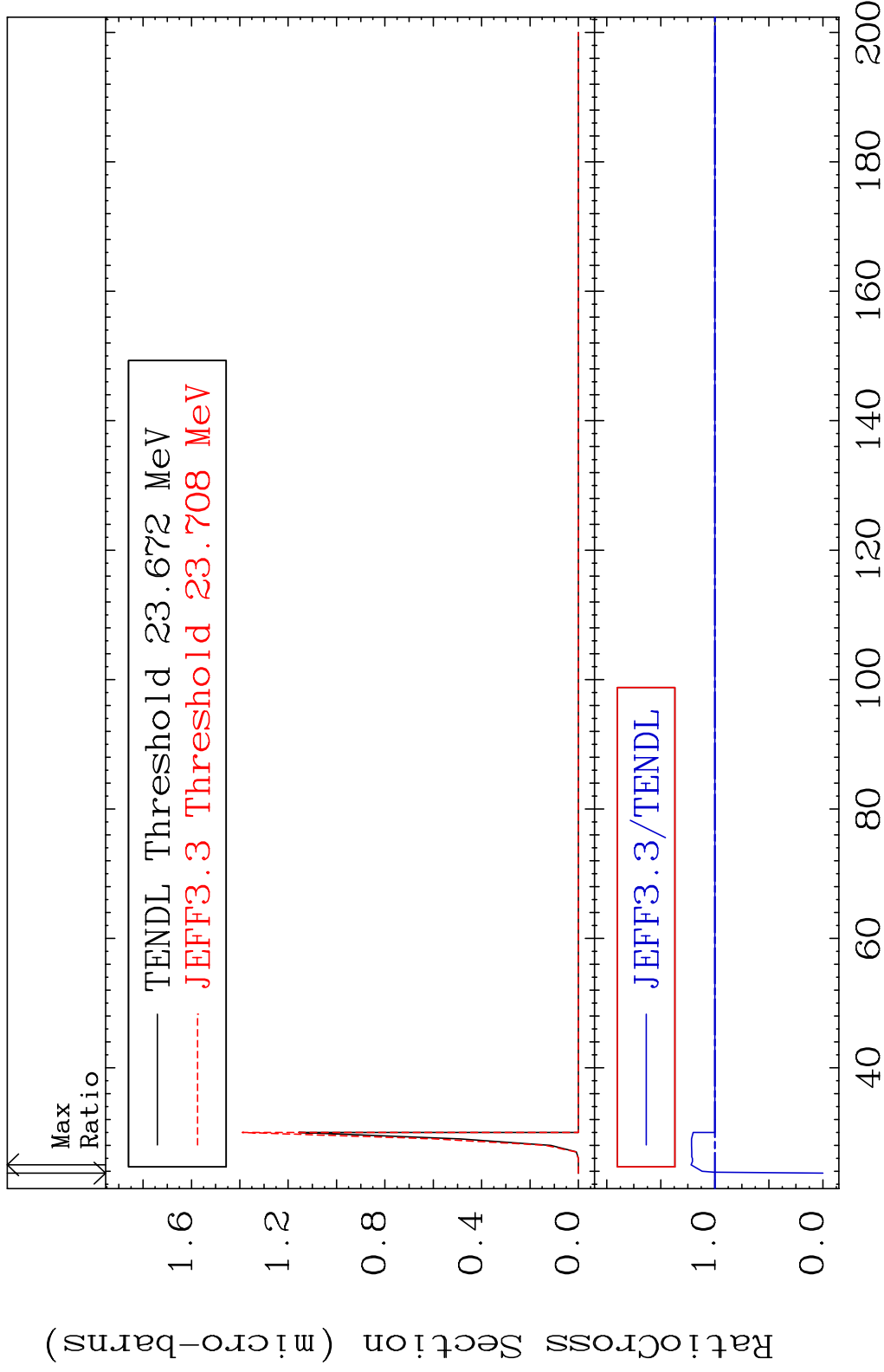
16-S -36

MAT 1637

(n,p) d

16-S -36

Cross Section -100.0 To 22.03 %



48

Incident Energy (MeV)

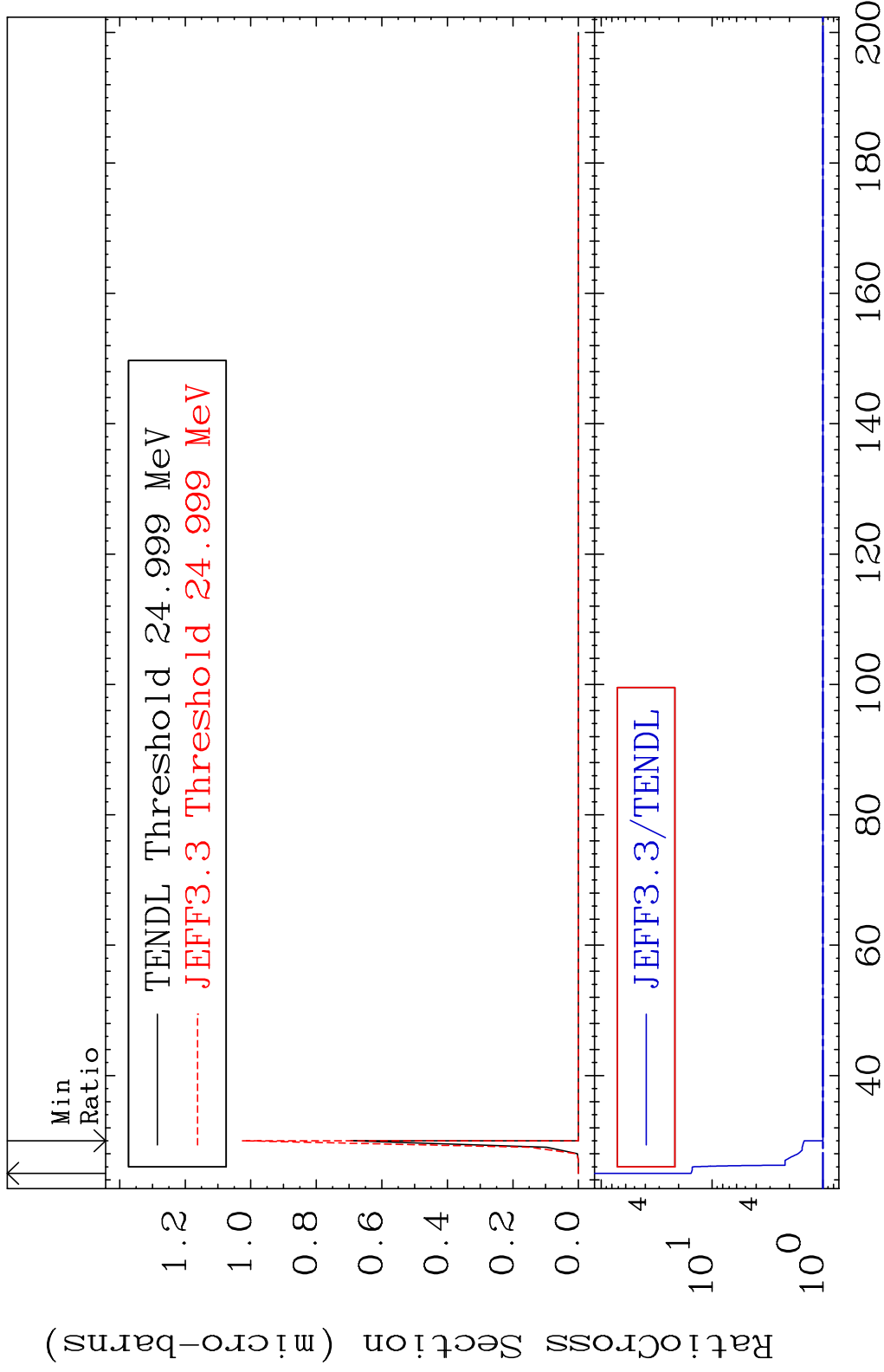
16-S -36

MAT 1637

(n,p) t

16-S -36

Cross Section 0.000 To 1447. %



49

Incident Energy (MeV)

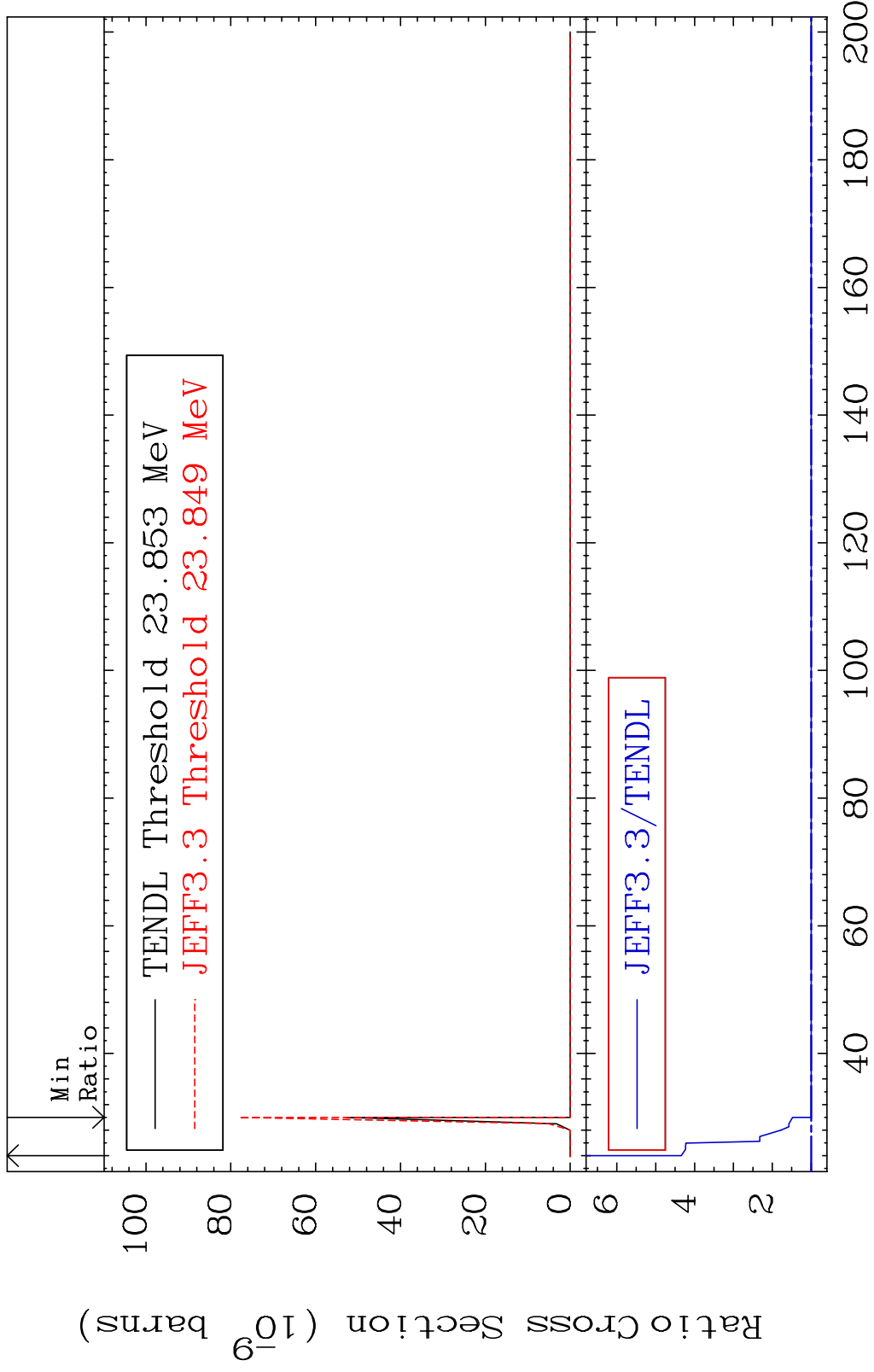
16-S -36

MAT 1637

(n,d) α

16-S -36

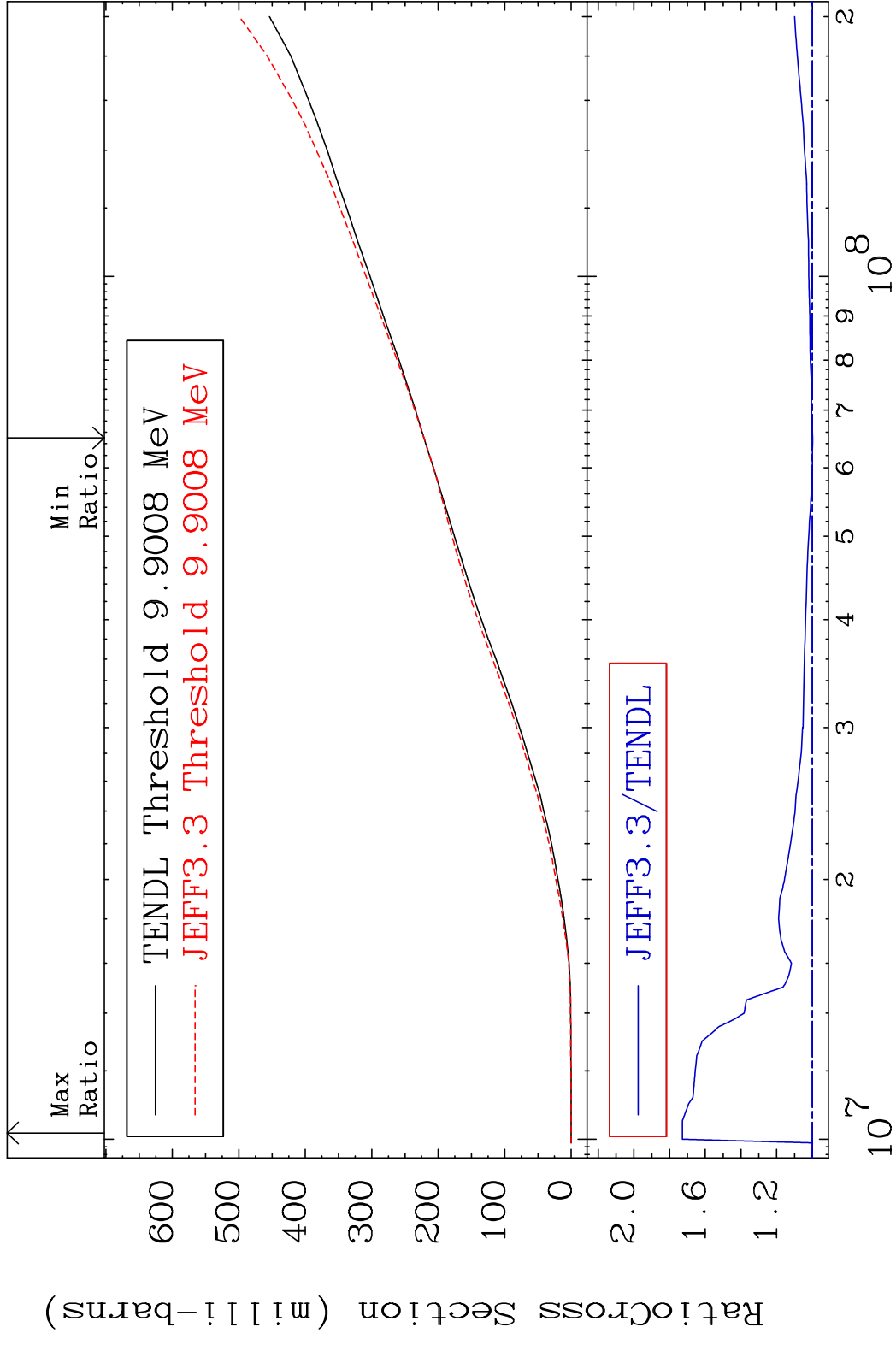
Cross Section 0.000 To 334.4 %

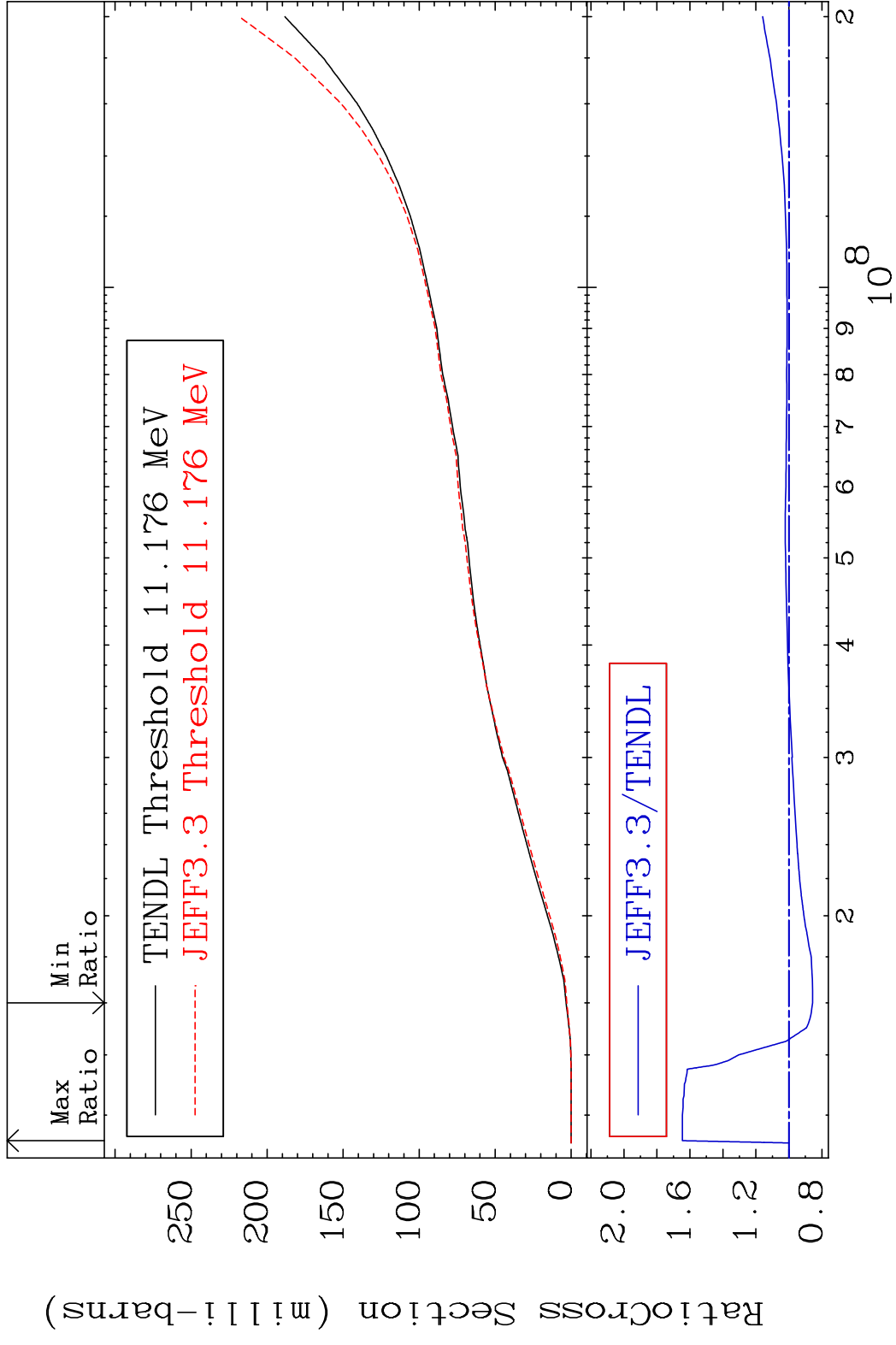


50

Incident Energy (MeV)

16-S -36



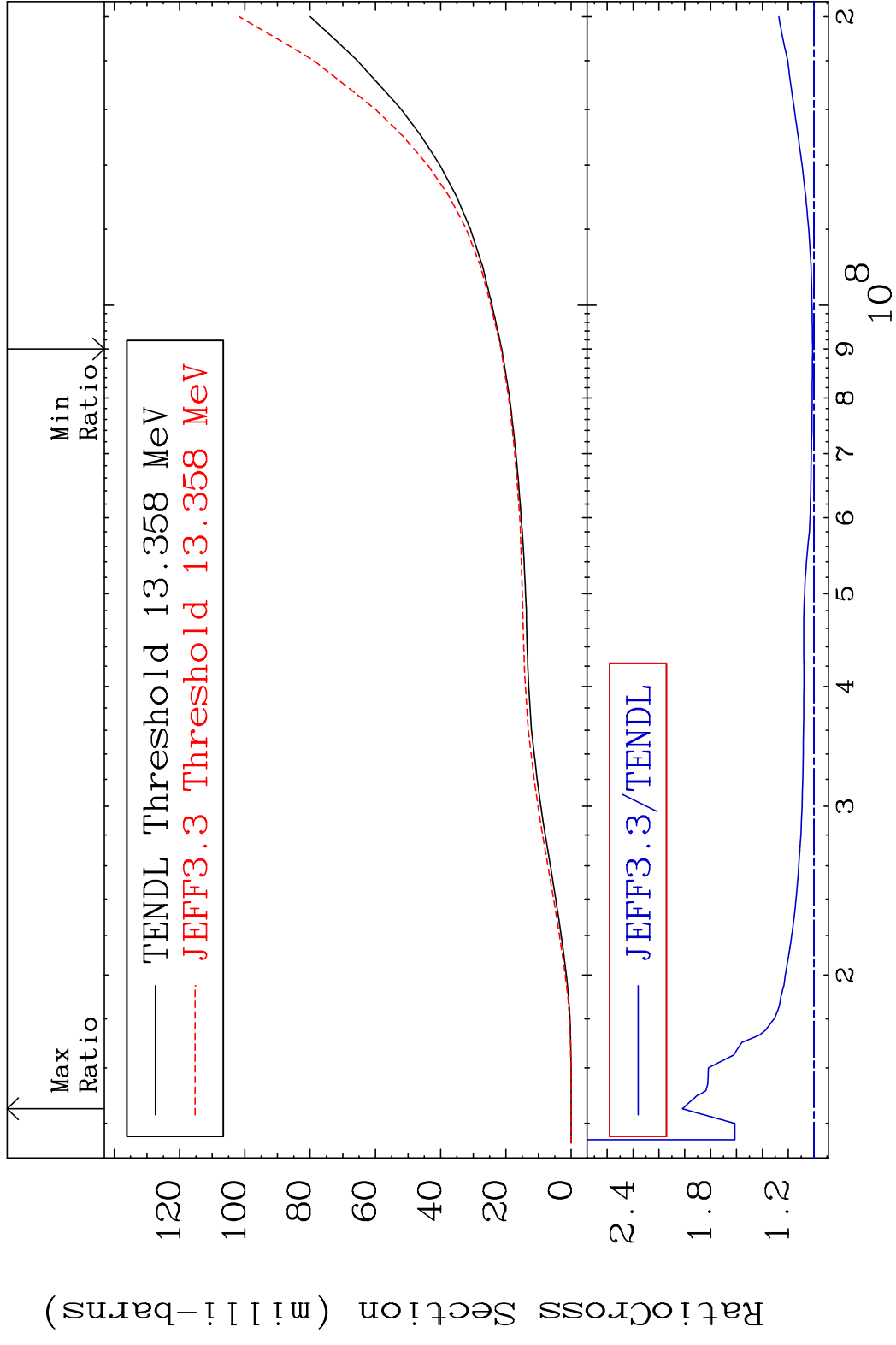


MAT 1637

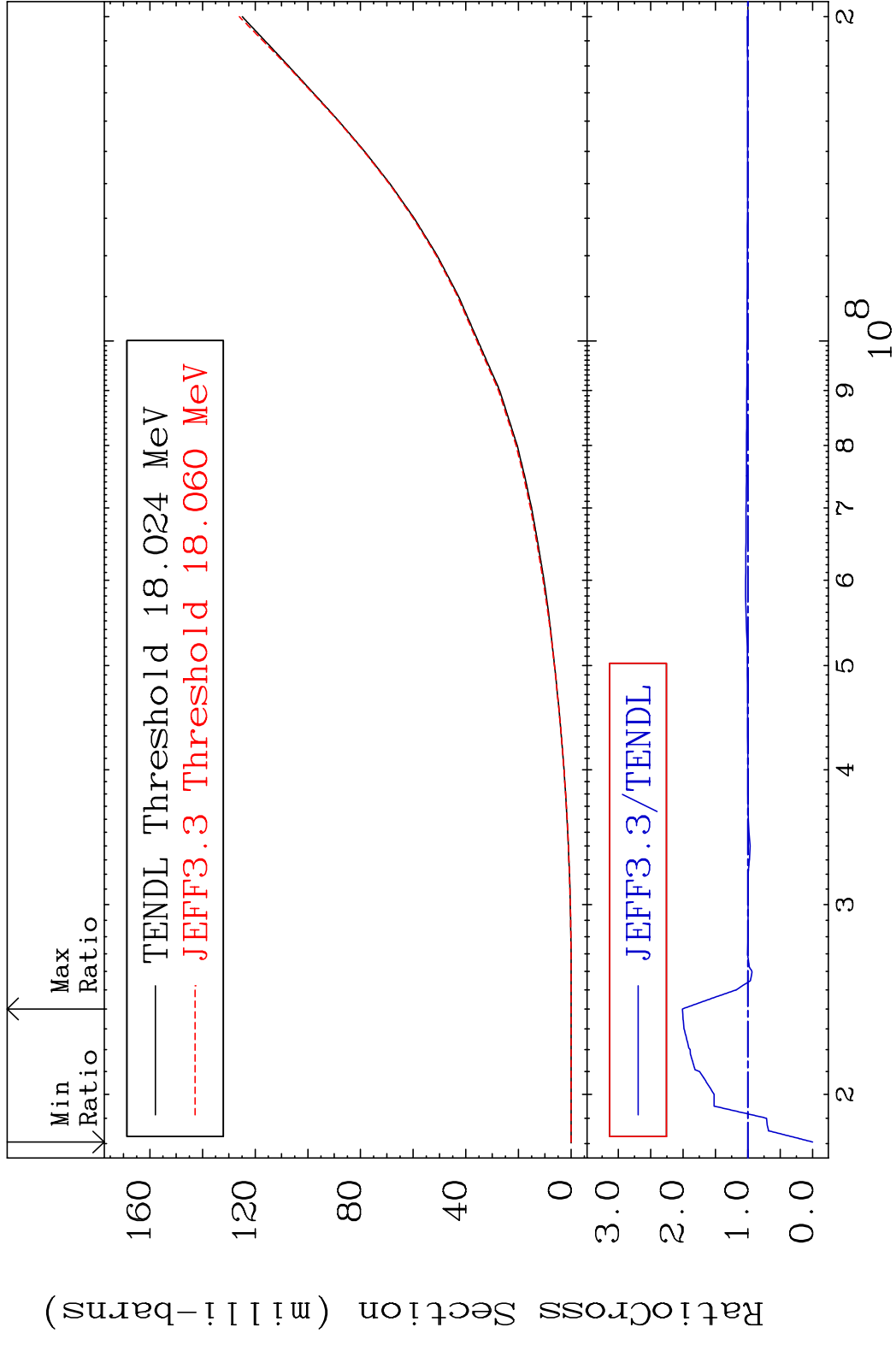
Tritium Production

16-S -36

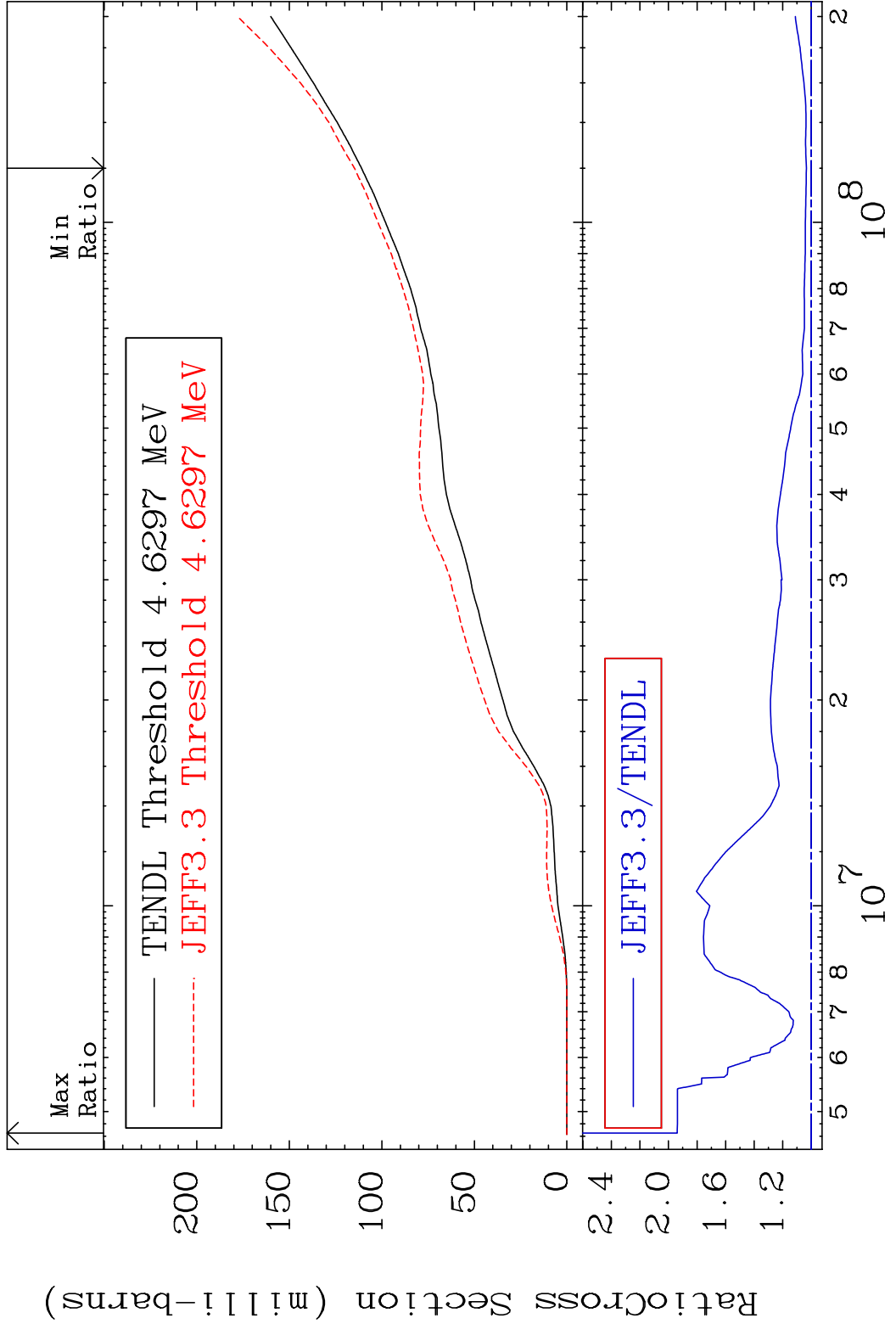
Cross Section 1.136 To 101.9 %



Cross Section -100.0 To 101.2 %

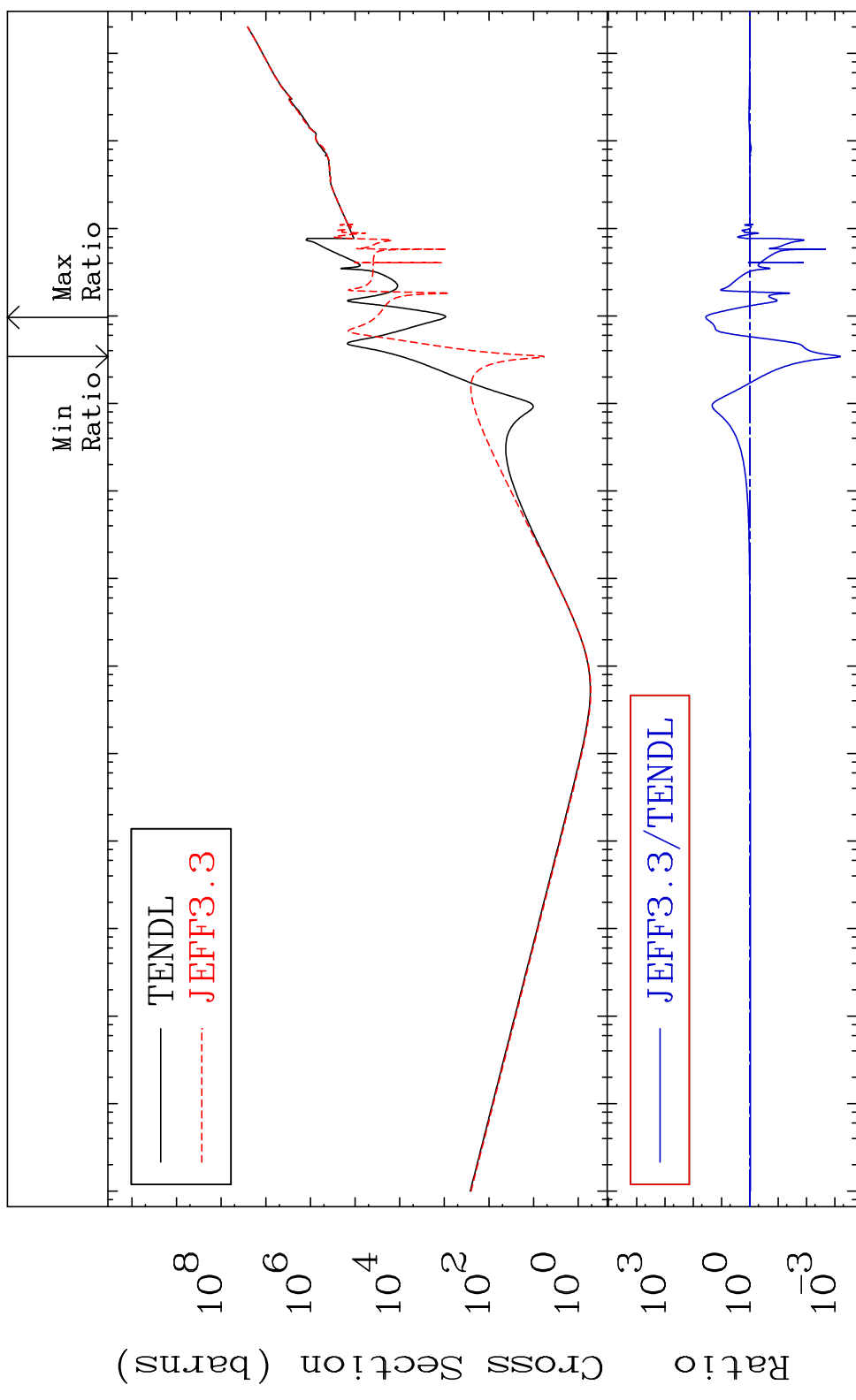


MAT 1637 He-4 Production 16-S -36
 Cross Section 3.430 To 93.90 %



MAT 1637

Kerma total (eV-barns) 16-S -36
Cross Section -99.94 To 3497. %



56

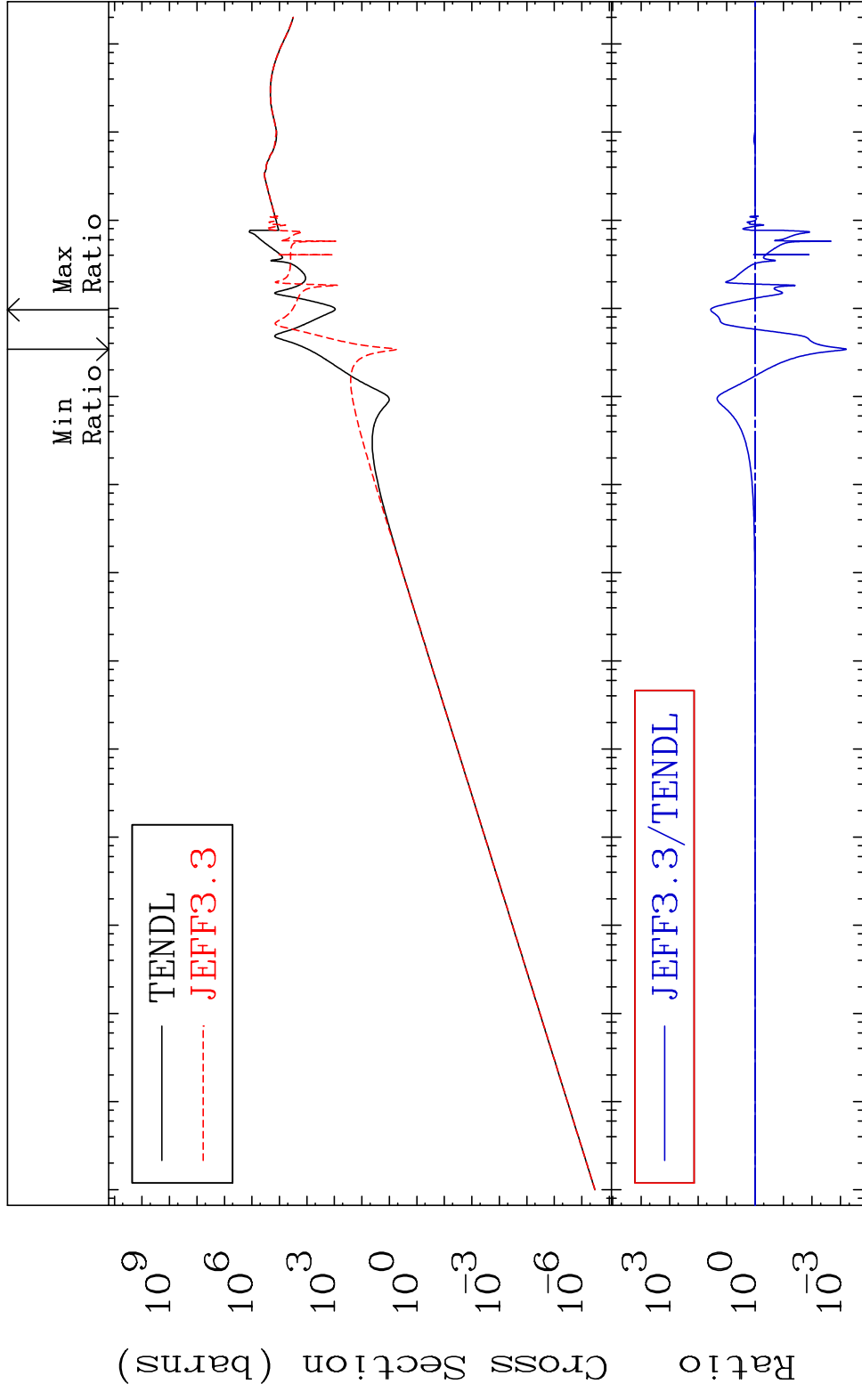
Incident Energy (eV)

16-S -36

MAT 1637

Kerma elastic
Cross Section

16-S -36
-99.94 To 3497. %

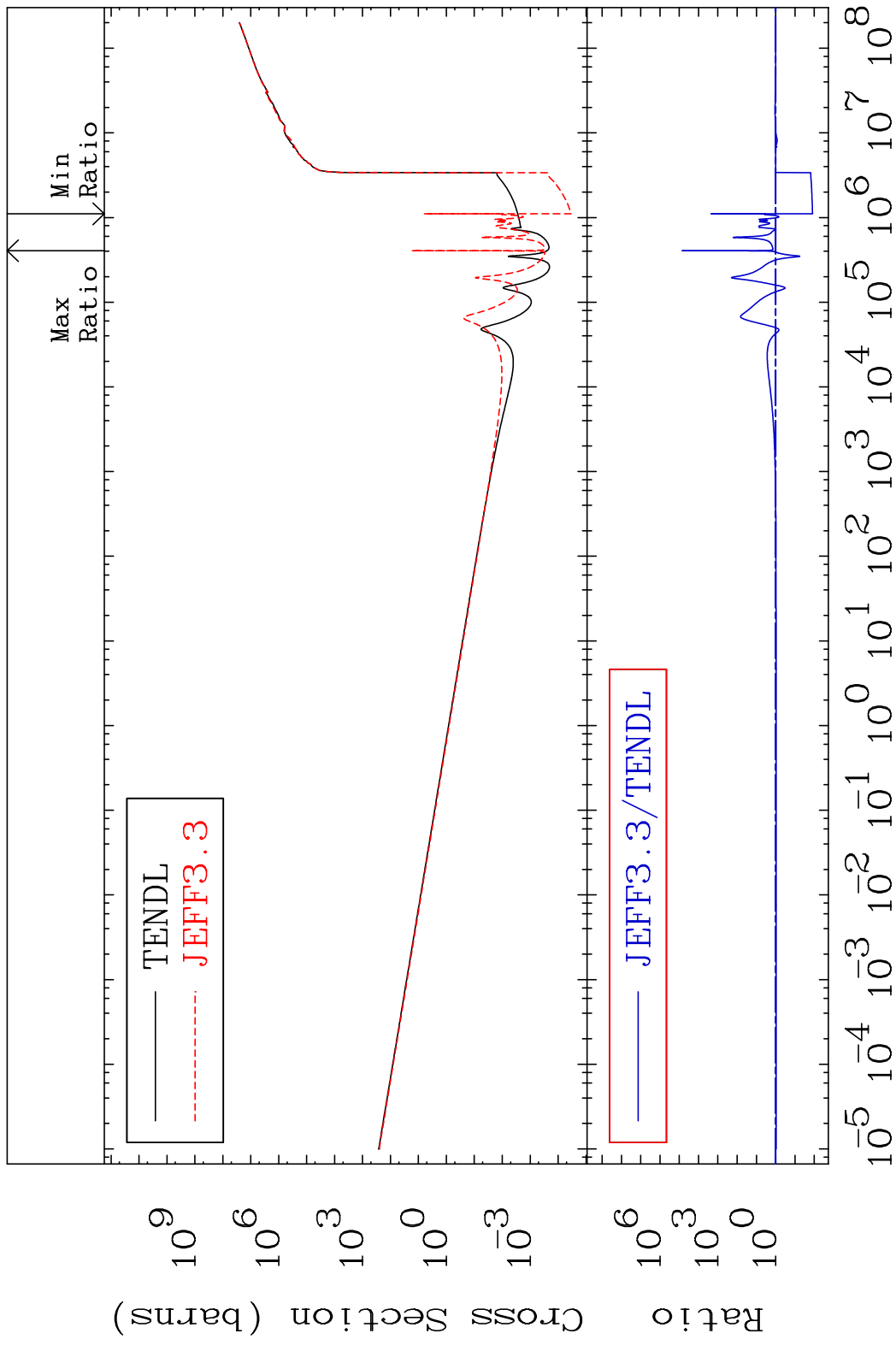


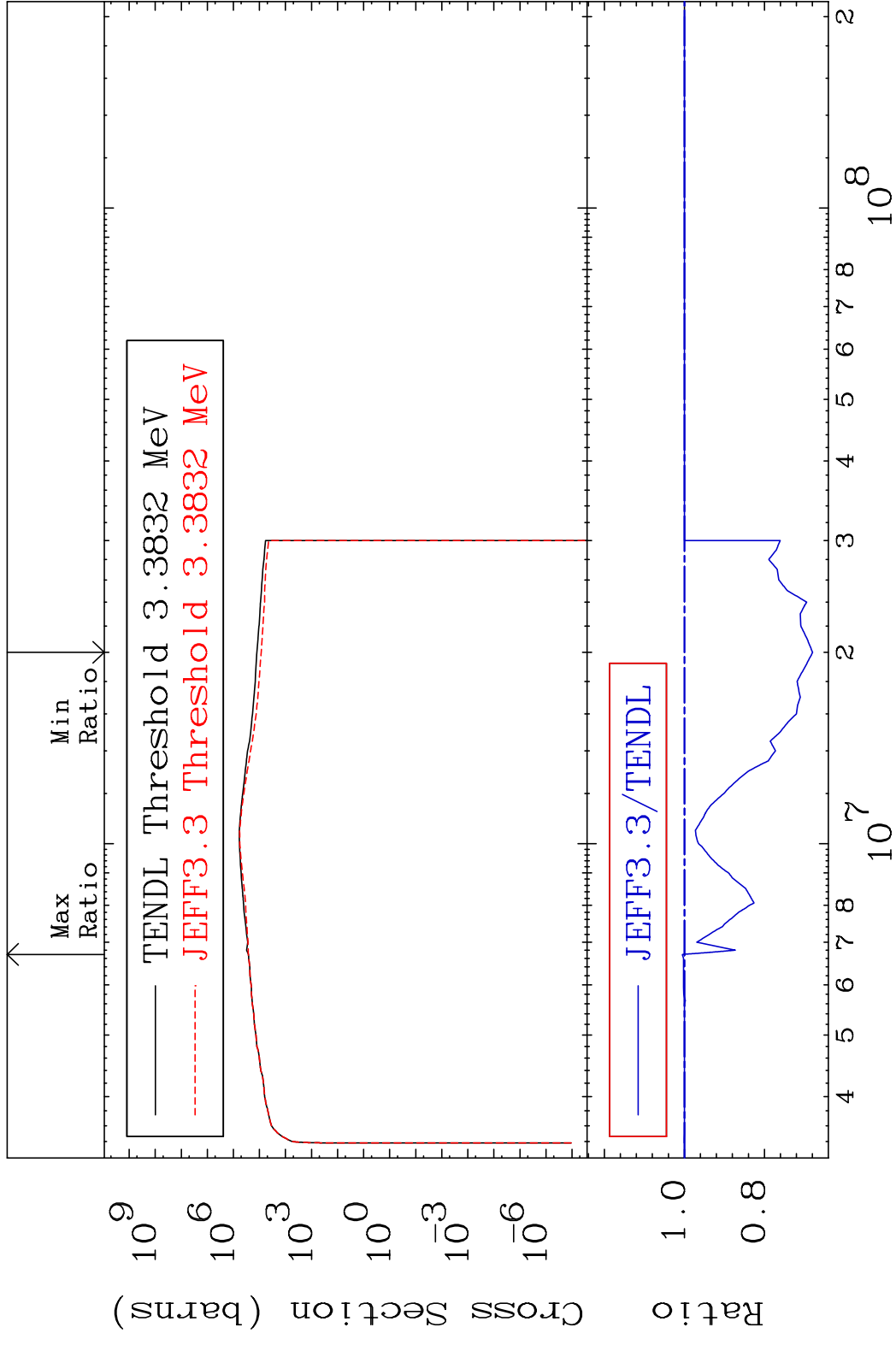
57

Incident Energy (eV)

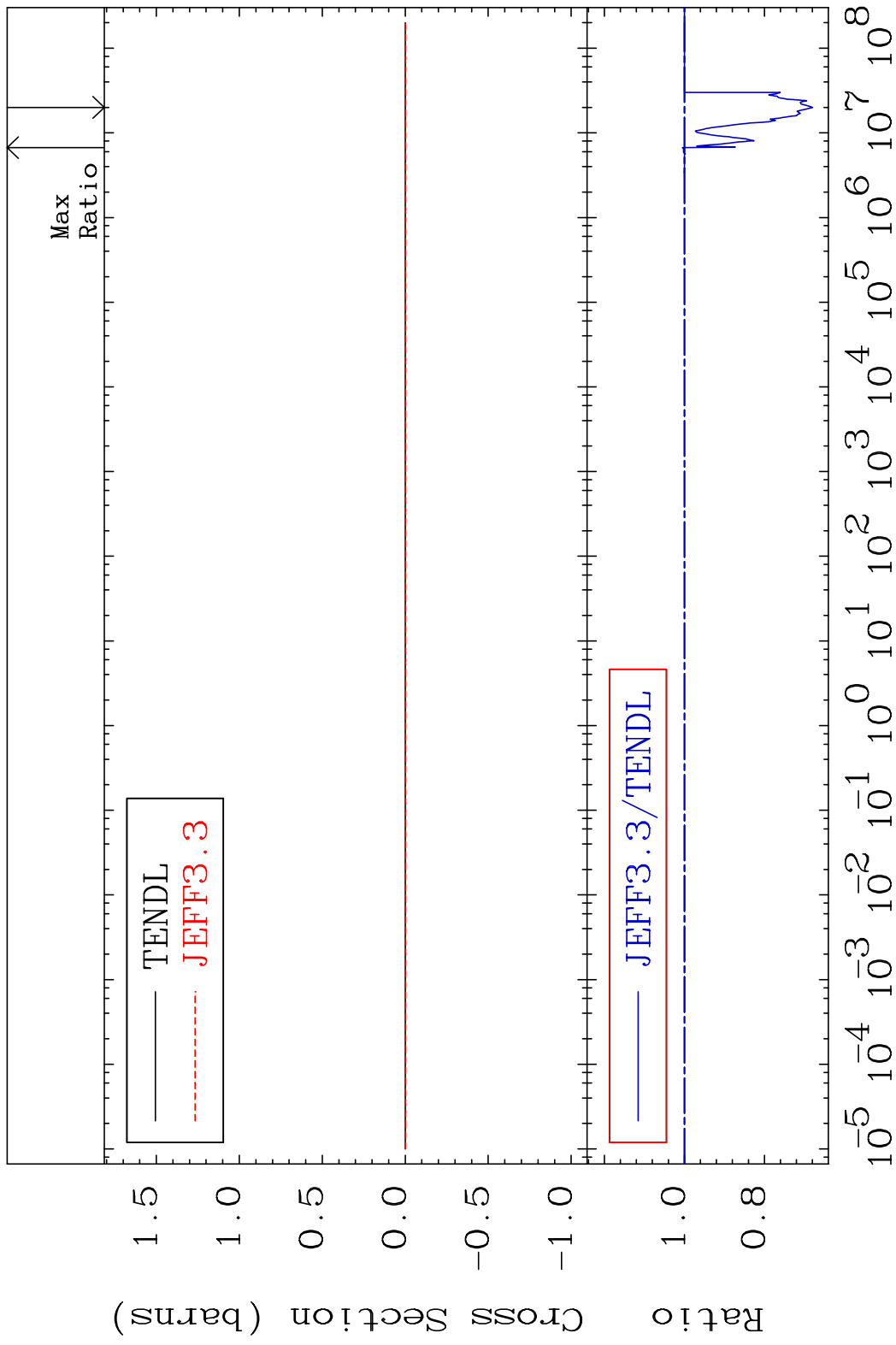
16-S -36

MAT 1637 Kerma non-elastic (all but mt2) 16-S -36
 Cross Section -98.78 To 9999. %



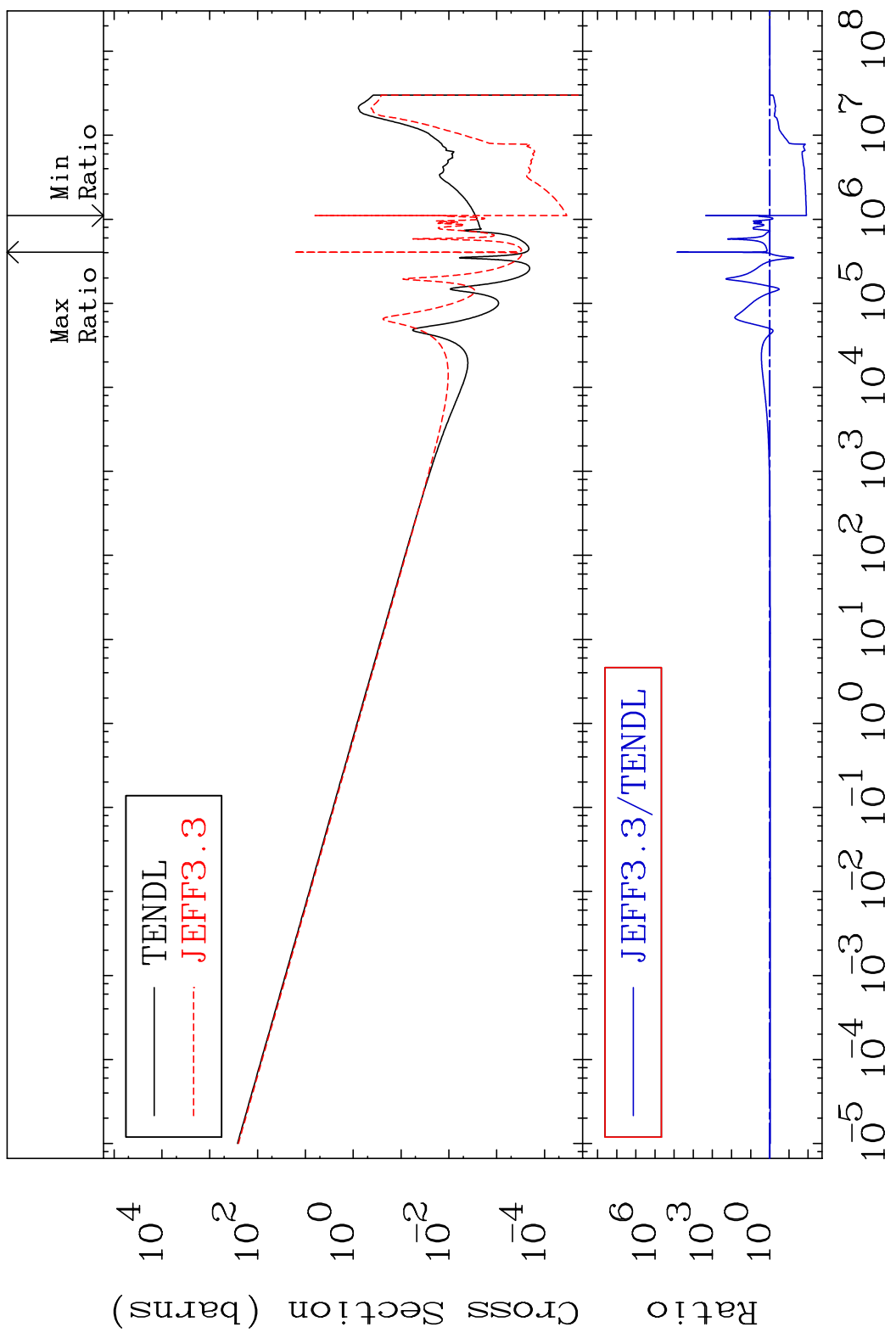


MAT 1637 Kerma fission (mt18 or mt19-20-21-38) 16-S -36
 Cross Section -32.03 To 0.507 %



MAT 1637

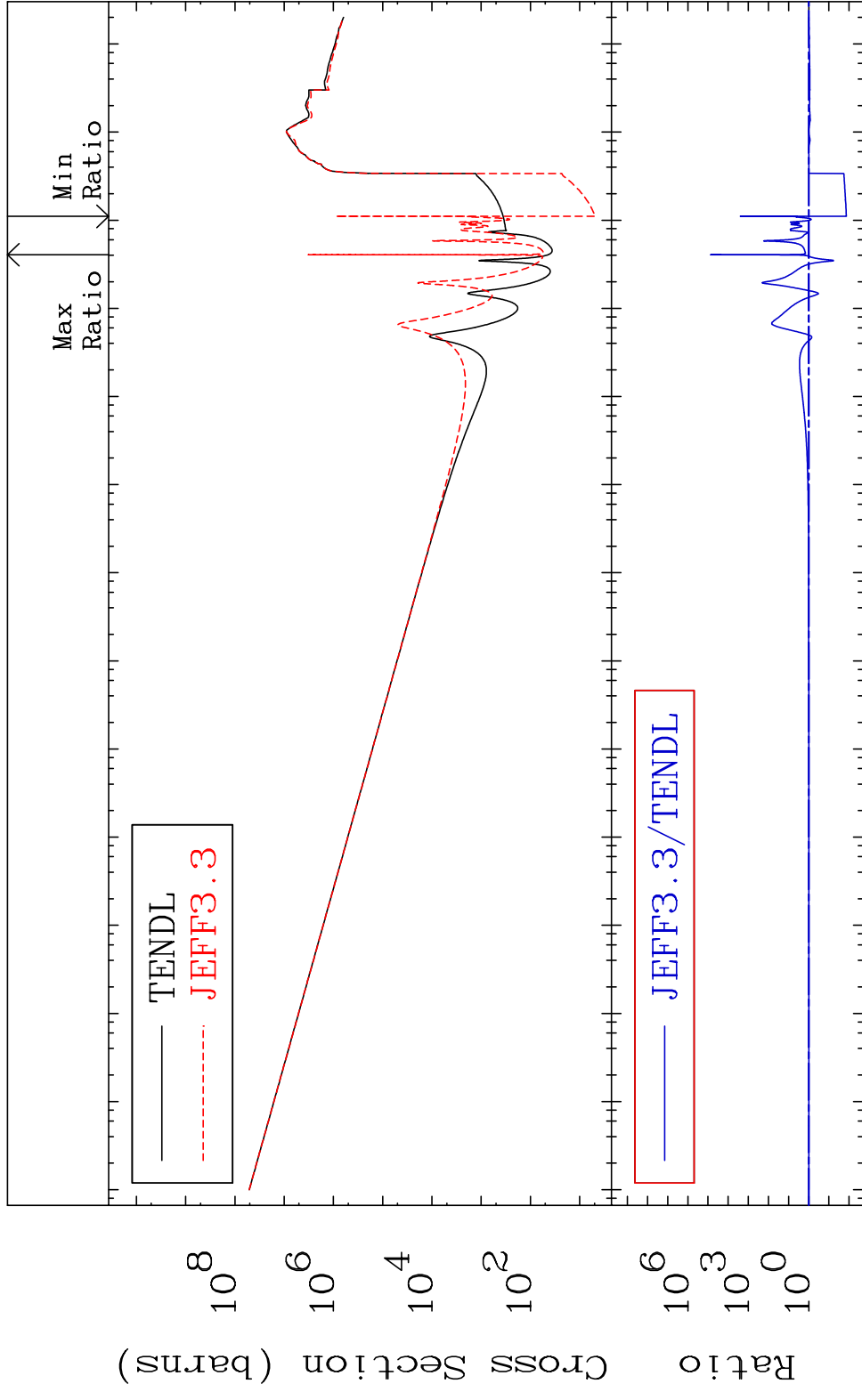
Kerma capture (mt102) 16-S -36
Cross Section -98.78 To 9999. %



61

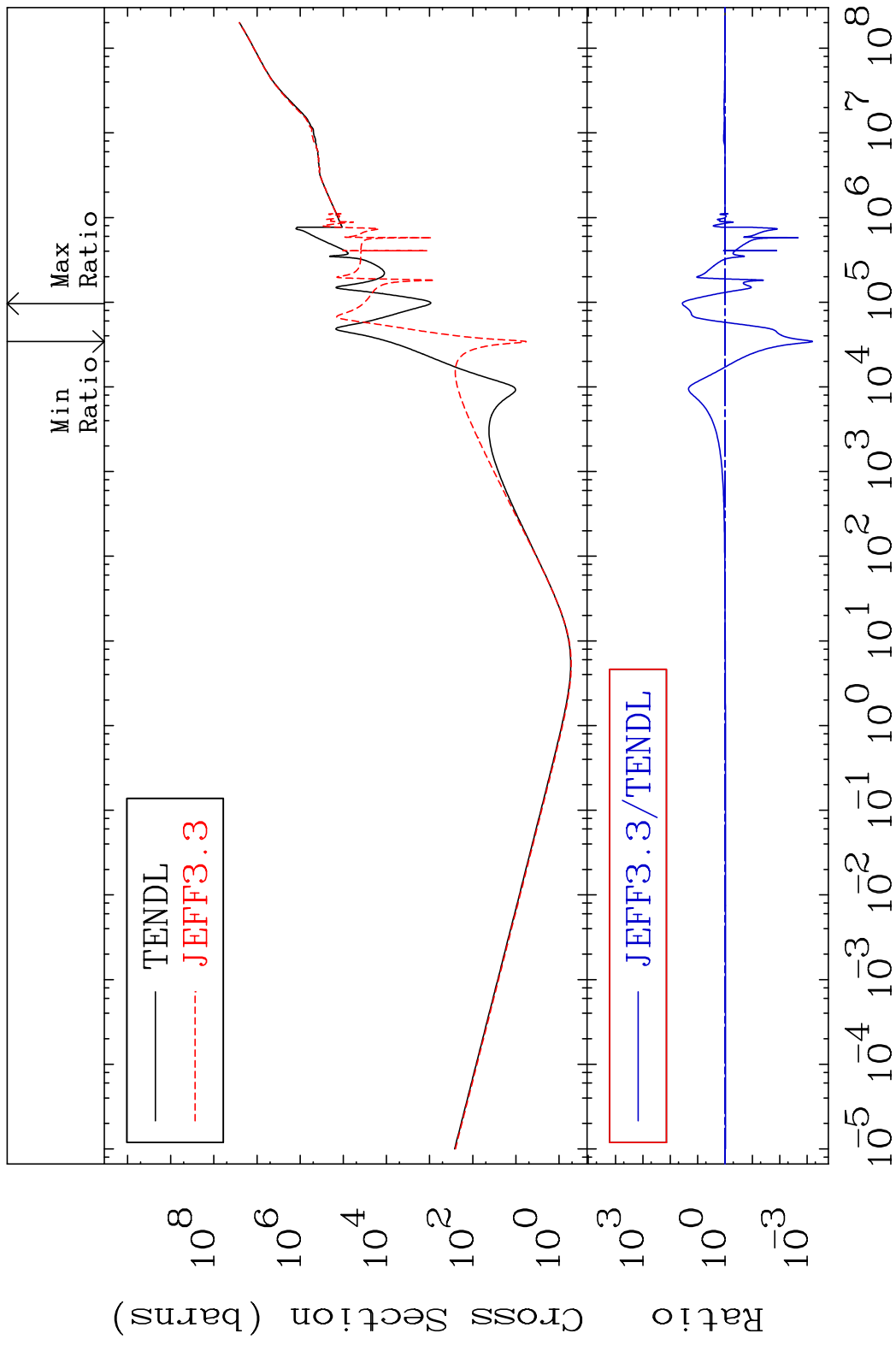
Incident Energy (eV) 16-S -36

MAT 1637 Total photon (eV-barns) 16-S -36
 Cross Section -98.64 To 9999. %



62 Incident Energy (eV) 16-S -36

MAT 1637 Total kinematic kerma (high limit) 16-S -36
 Cross Section -99.94 To 3497. %

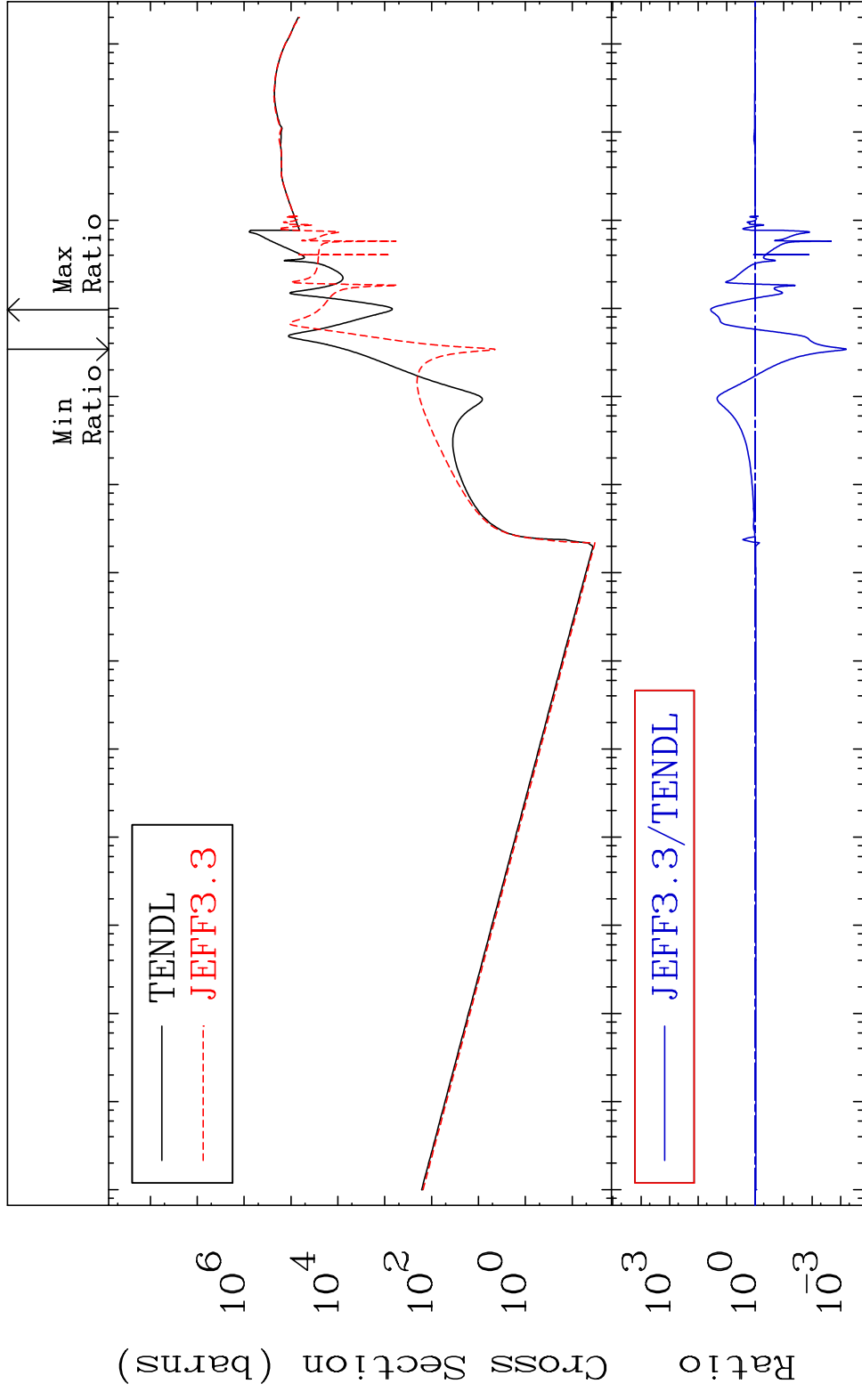


MAT 1637

Dpa total (eV-barns)

16-S -36

Cross Section -99.94 To 3496. %



64

Incident Energy (eV)

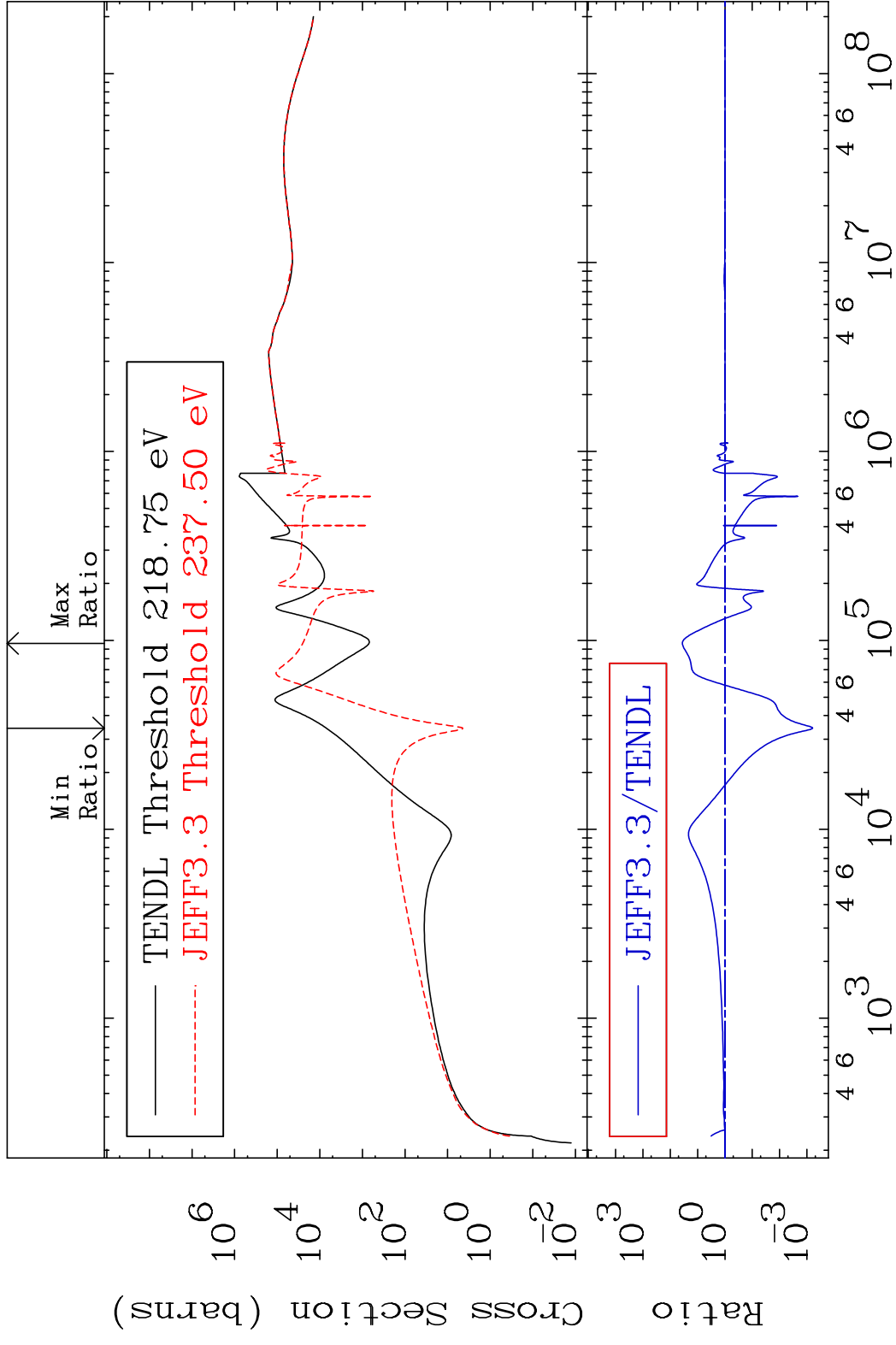
16-S -36

MAT 1637

Dpa elastic (mt2)

16-S -36

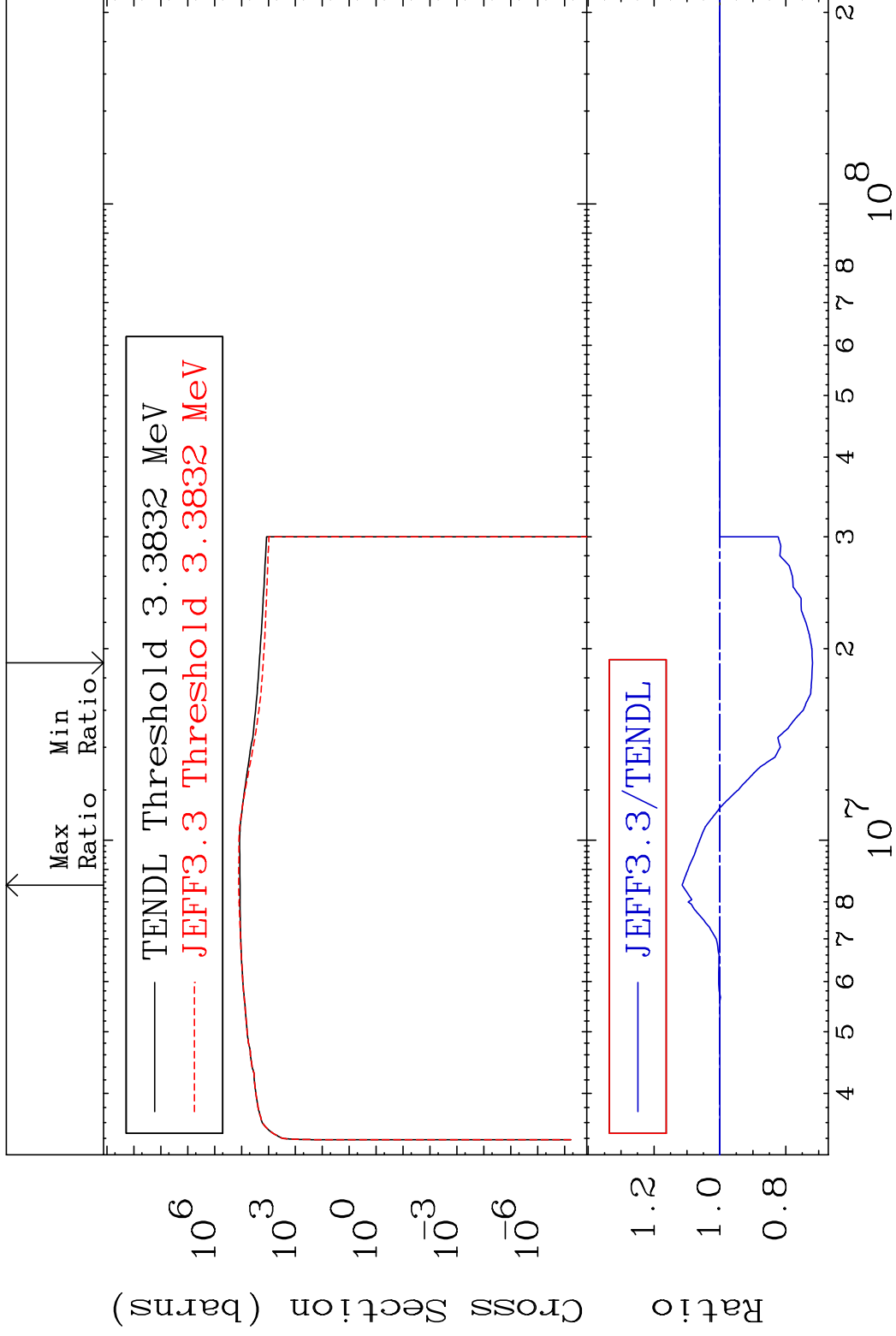
Cross Section -99.94 To 3496. %



65

Incident Energy (eV)

16-S -36



MAT 1637 Dpa disappearance (mt102 -120) 16-S -36
 Cross Section -98.81 To 9999. %

