

Program Complot
(Version 2021-1)

by

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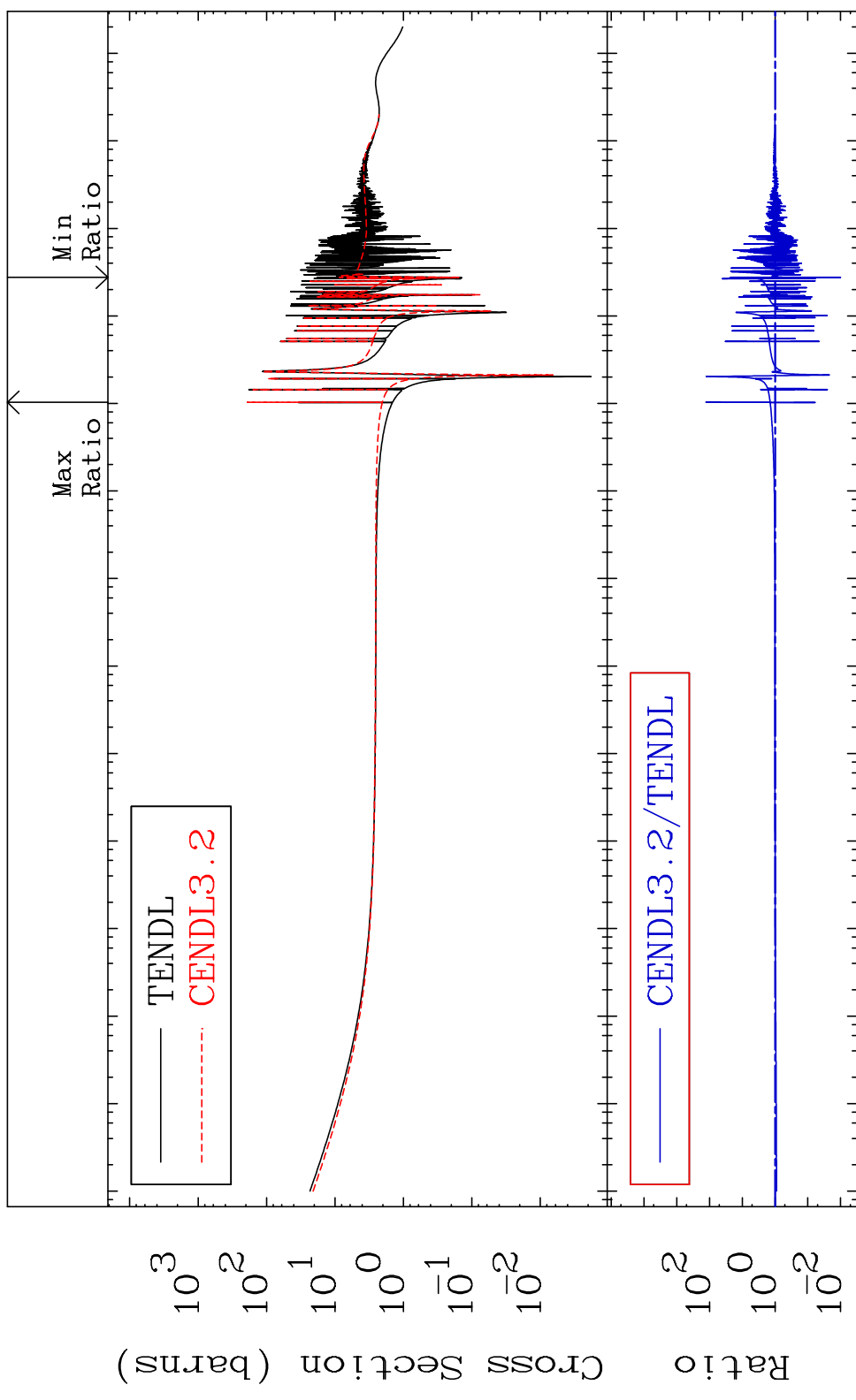
Press Mouse Button to Start

MAT 2437

Total

24-Cr-54

Cross Section -98.99 To 9999. %



1

Incident Energy (eV)

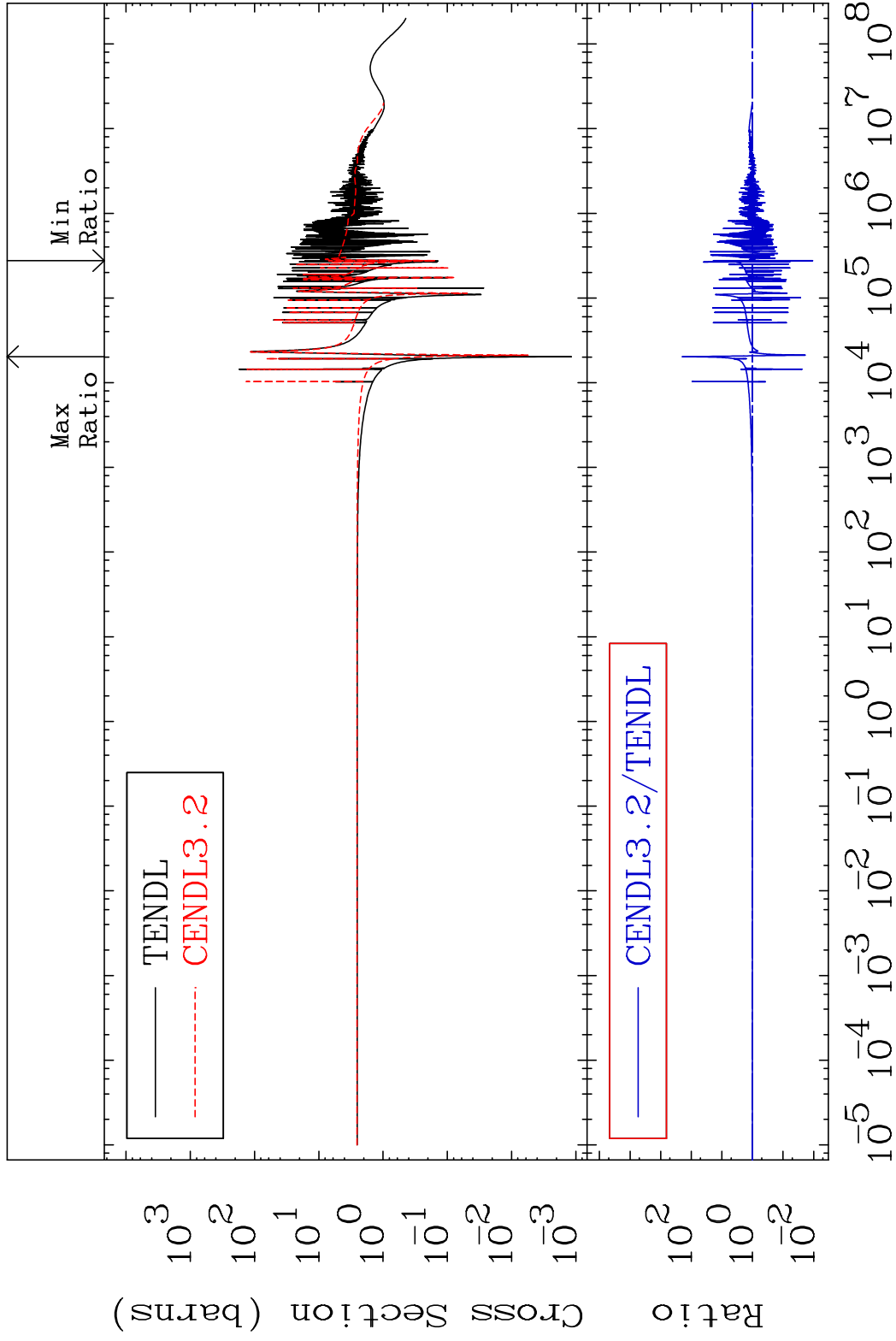
24-Cr-54

MAT 2437

Elastic

24-Cr-54

Cross Section -98.91 To 9999. %



2

Incident Energy (eV)

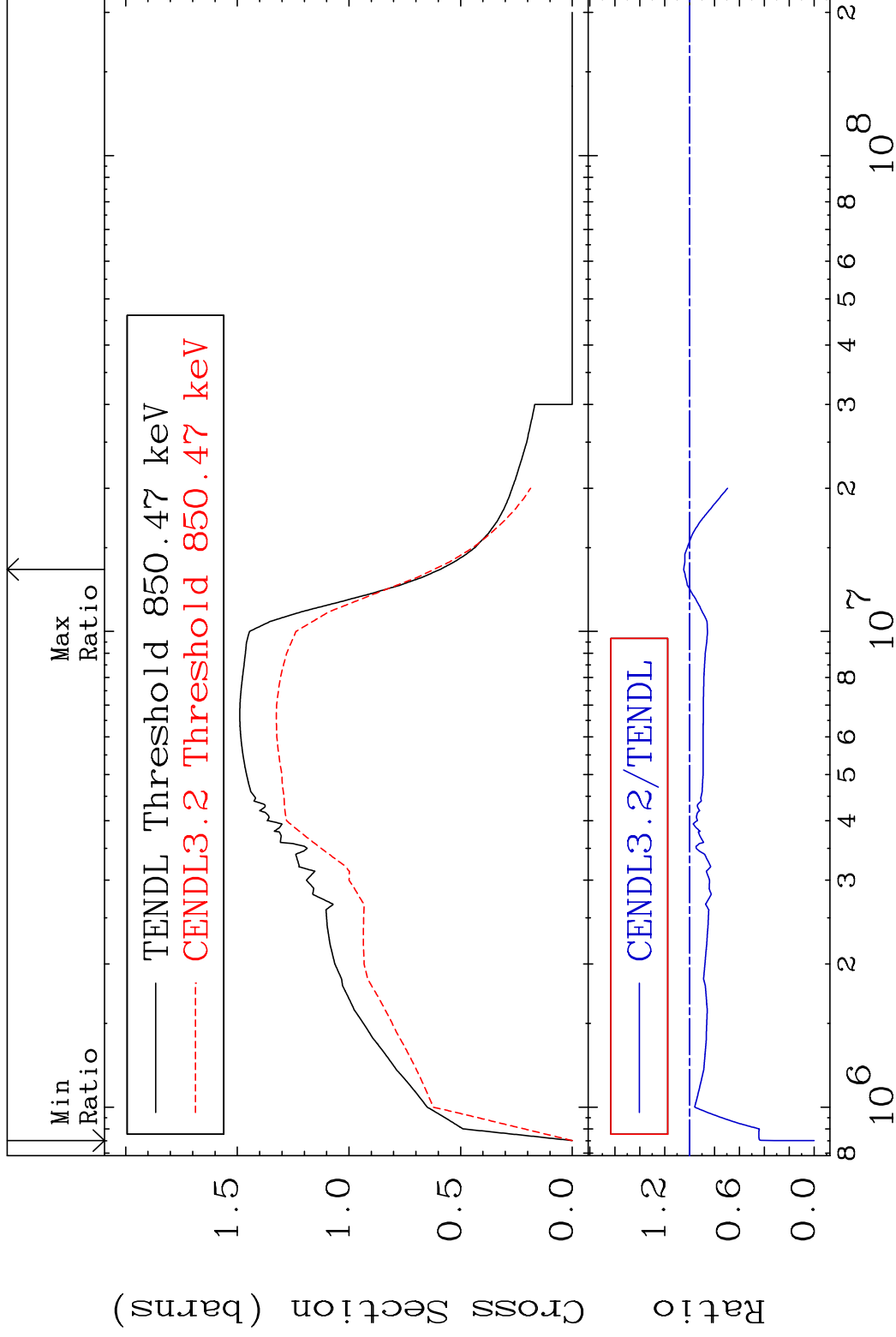
24-Cr-54

MAT 2437

Inelastic

²⁴Cr-54

Cross Section -100.0 To 4.728 %



3

Incident Energy (eV)

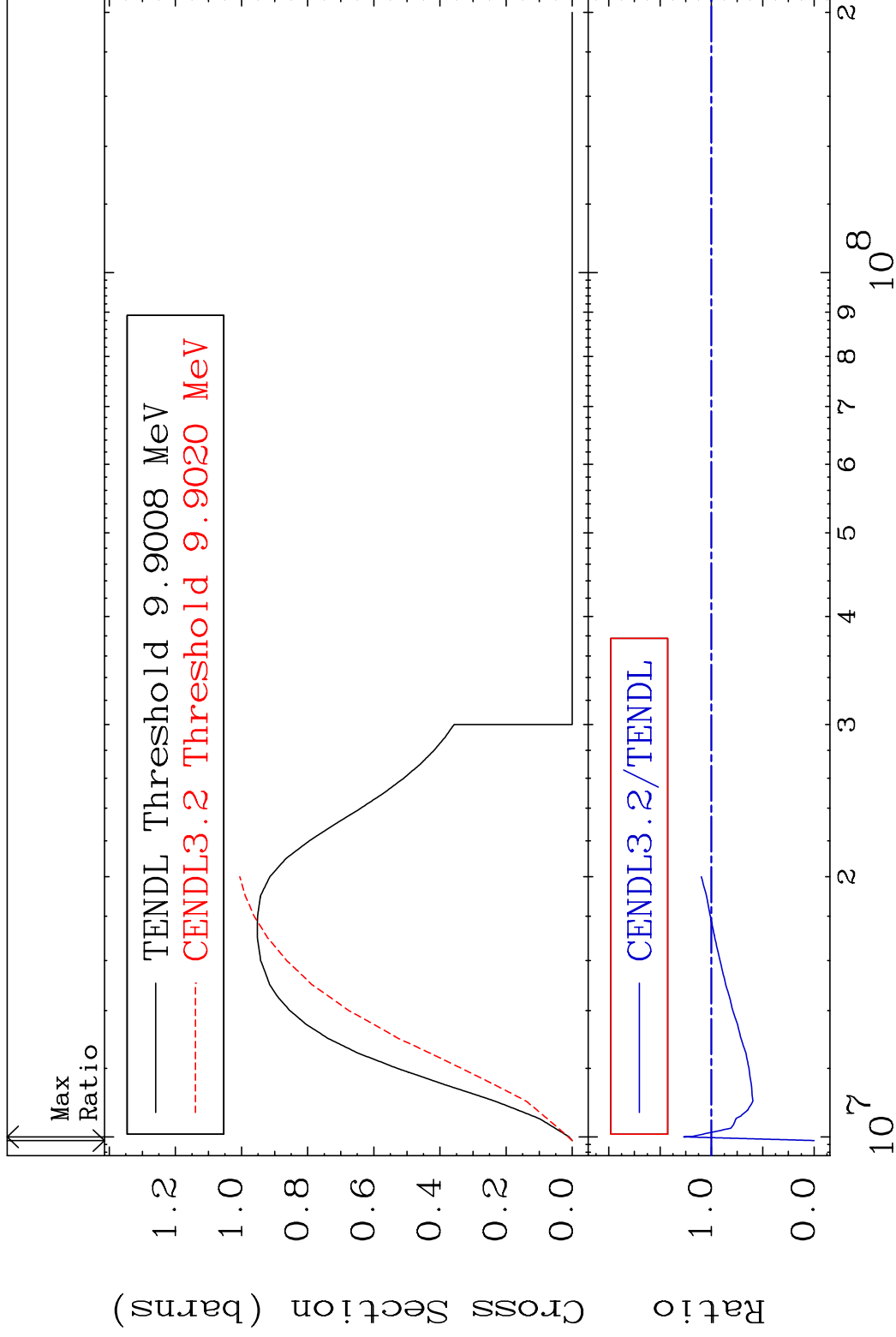
²⁴Cr-54

MAT 2437

(n,2n)

²⁴Cr-54

Cross Section -100.0 To 27.05 %



Incident Energy (eV)

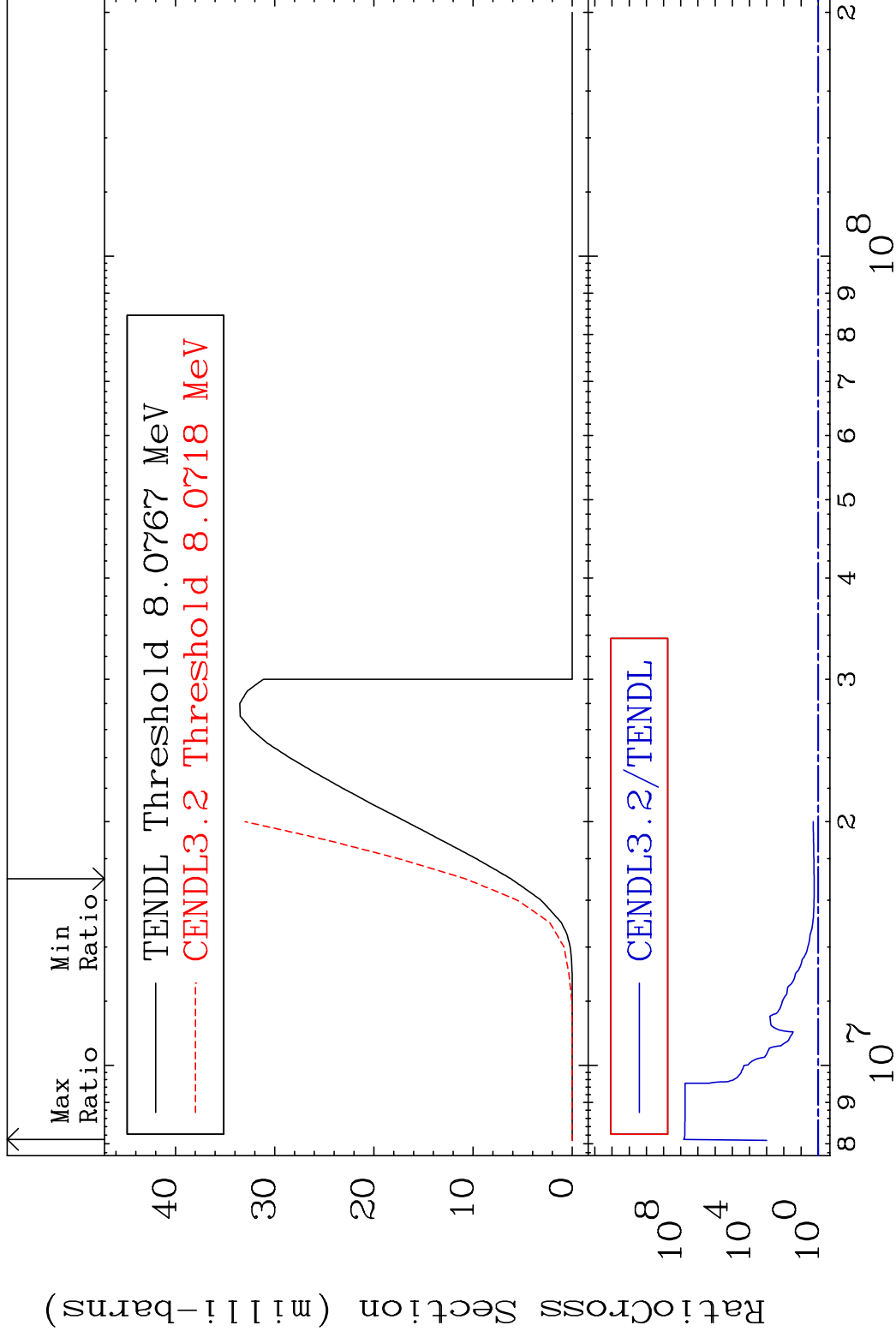
²⁴Cr-54

MAT 2437

(n, n') α

²⁴Cr-54

Cross Section 74.20 To 9999. %



5

Incident Energy (eV)

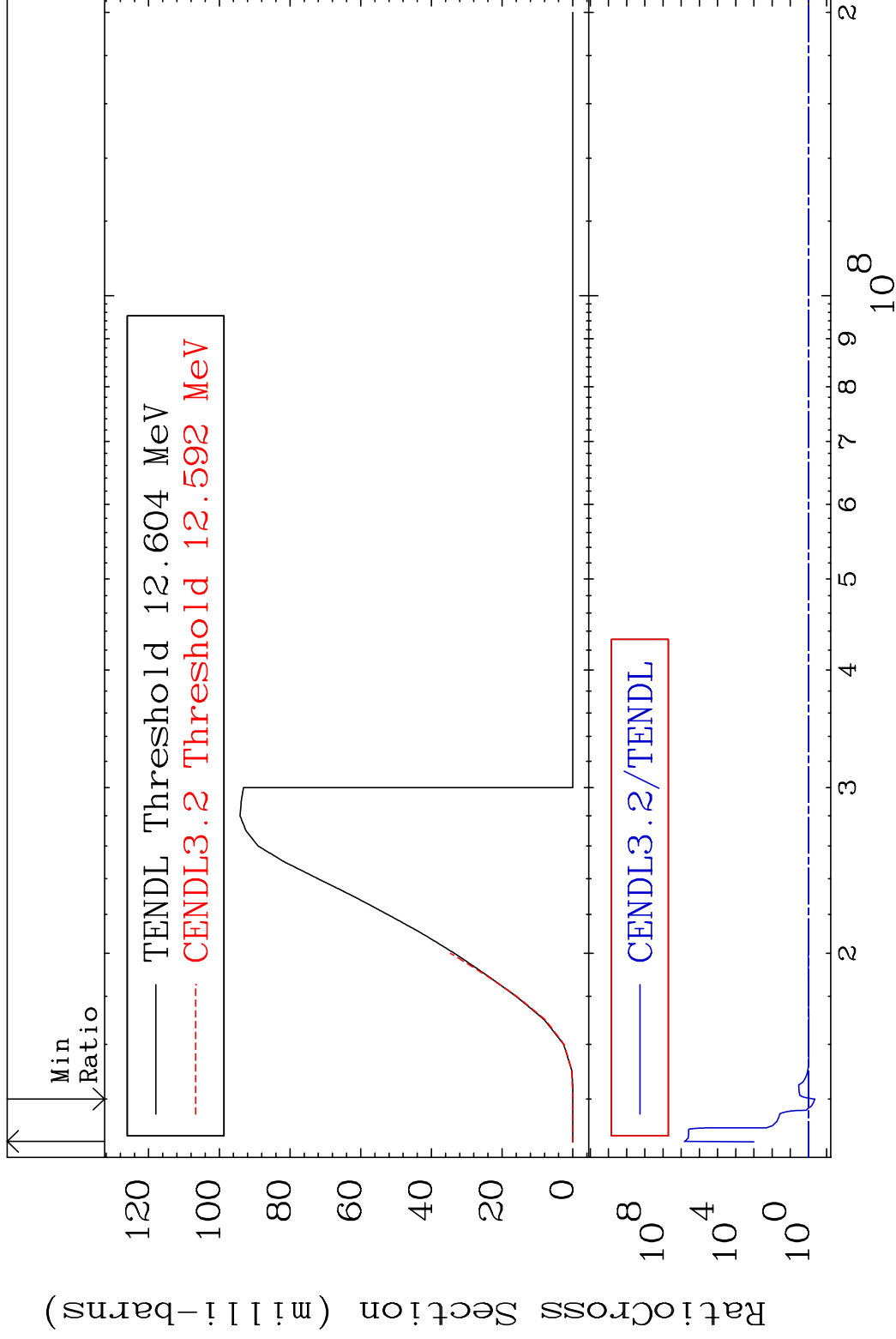
²⁴Cr-54

MAT 2437

(n, n') p

²⁴Cr-54

Cross Section -55.66 To 9999. %

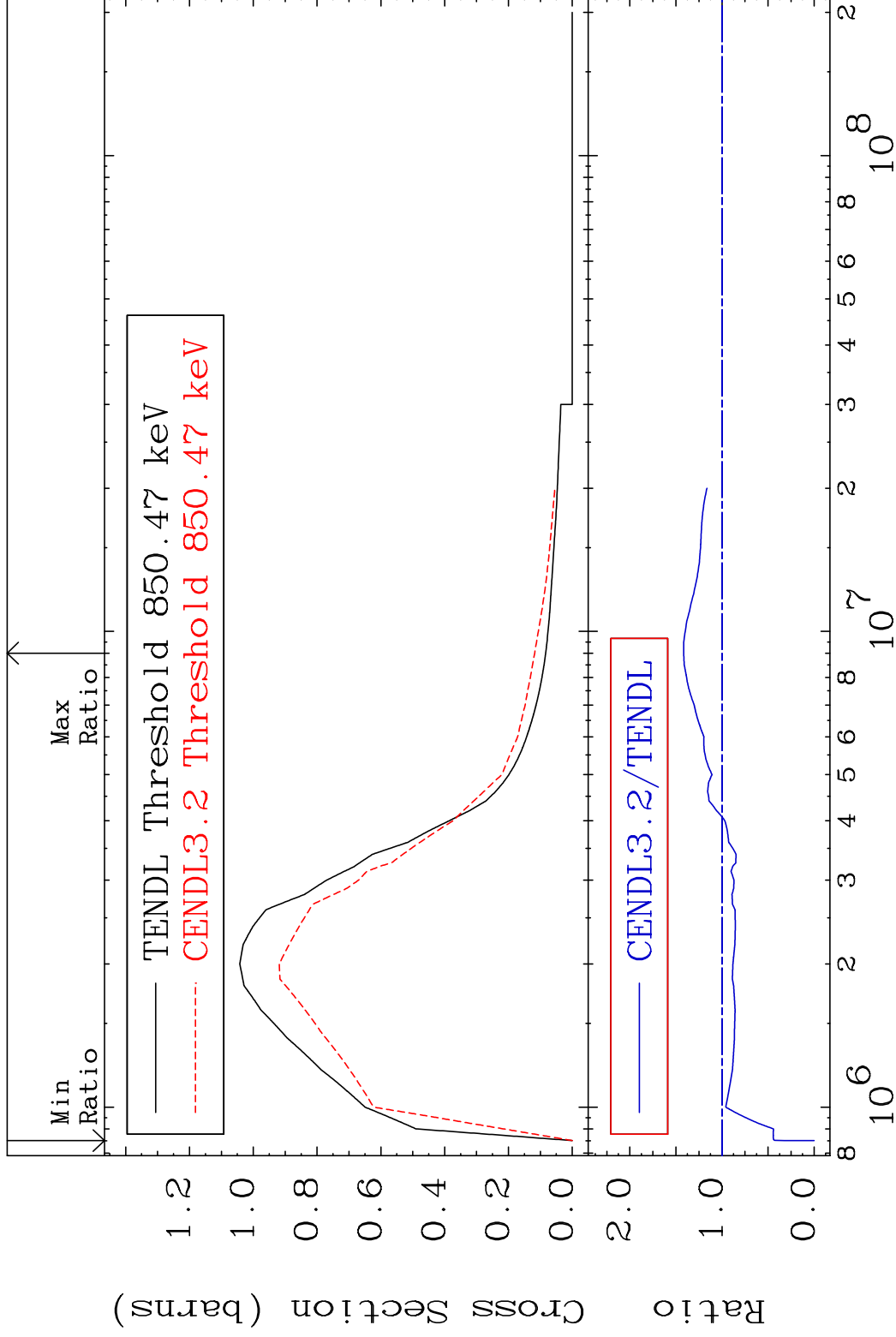


MAT 2437

MT= 51 (n, n') Level

²⁴Cr-54

Cross Section -100.0 To 41.61 %

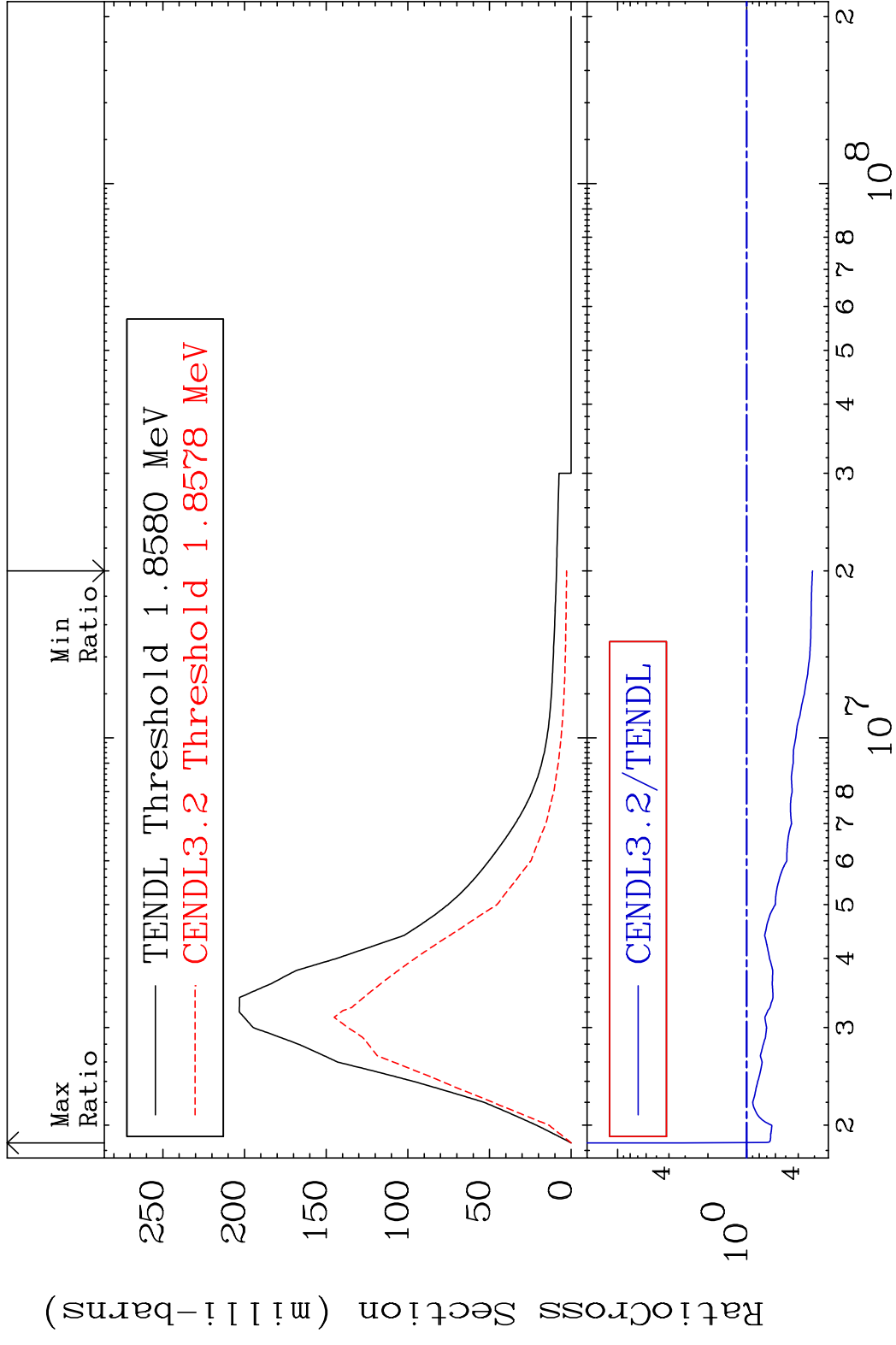


7

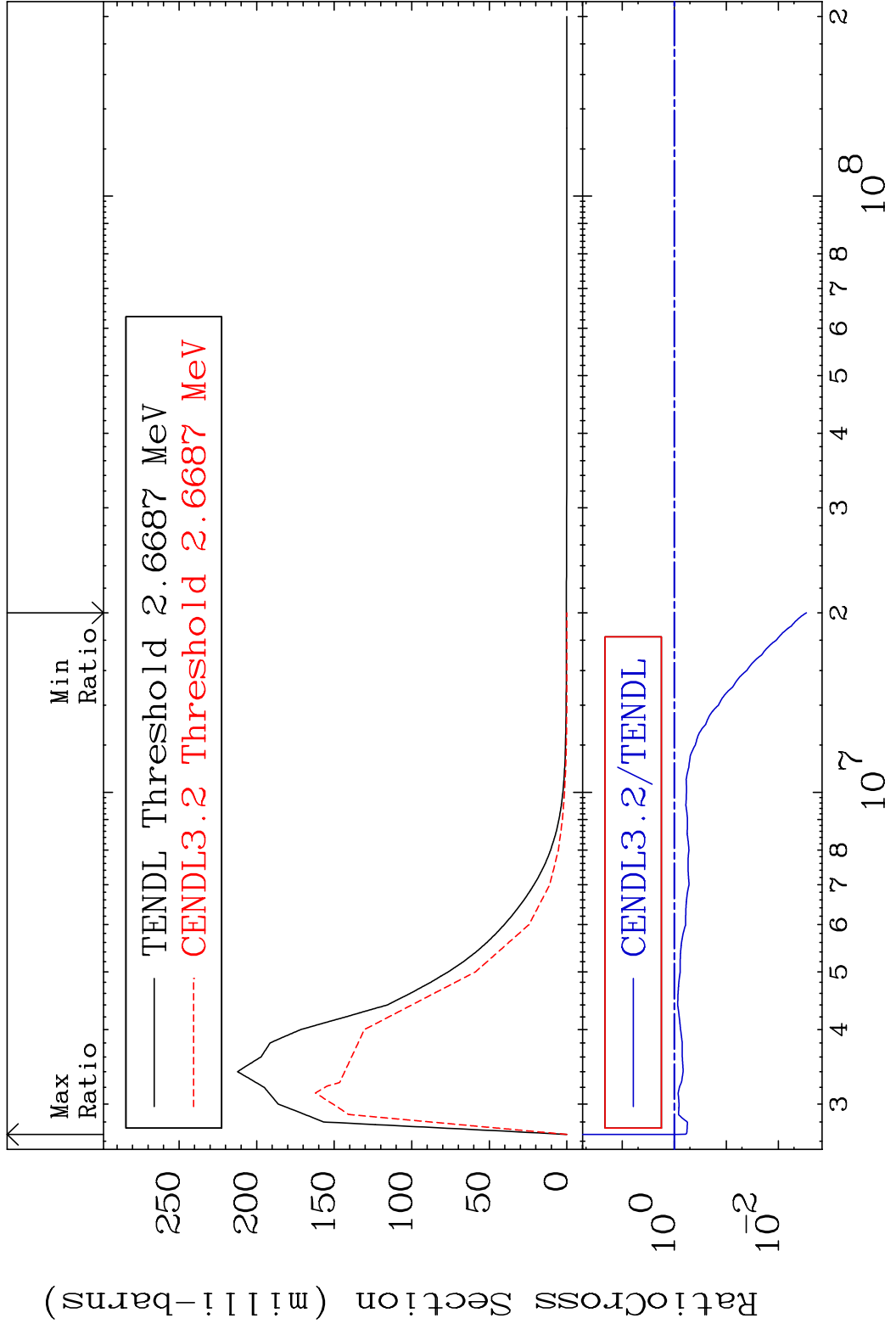
Incident Energy (eV)

²⁴Cr-54

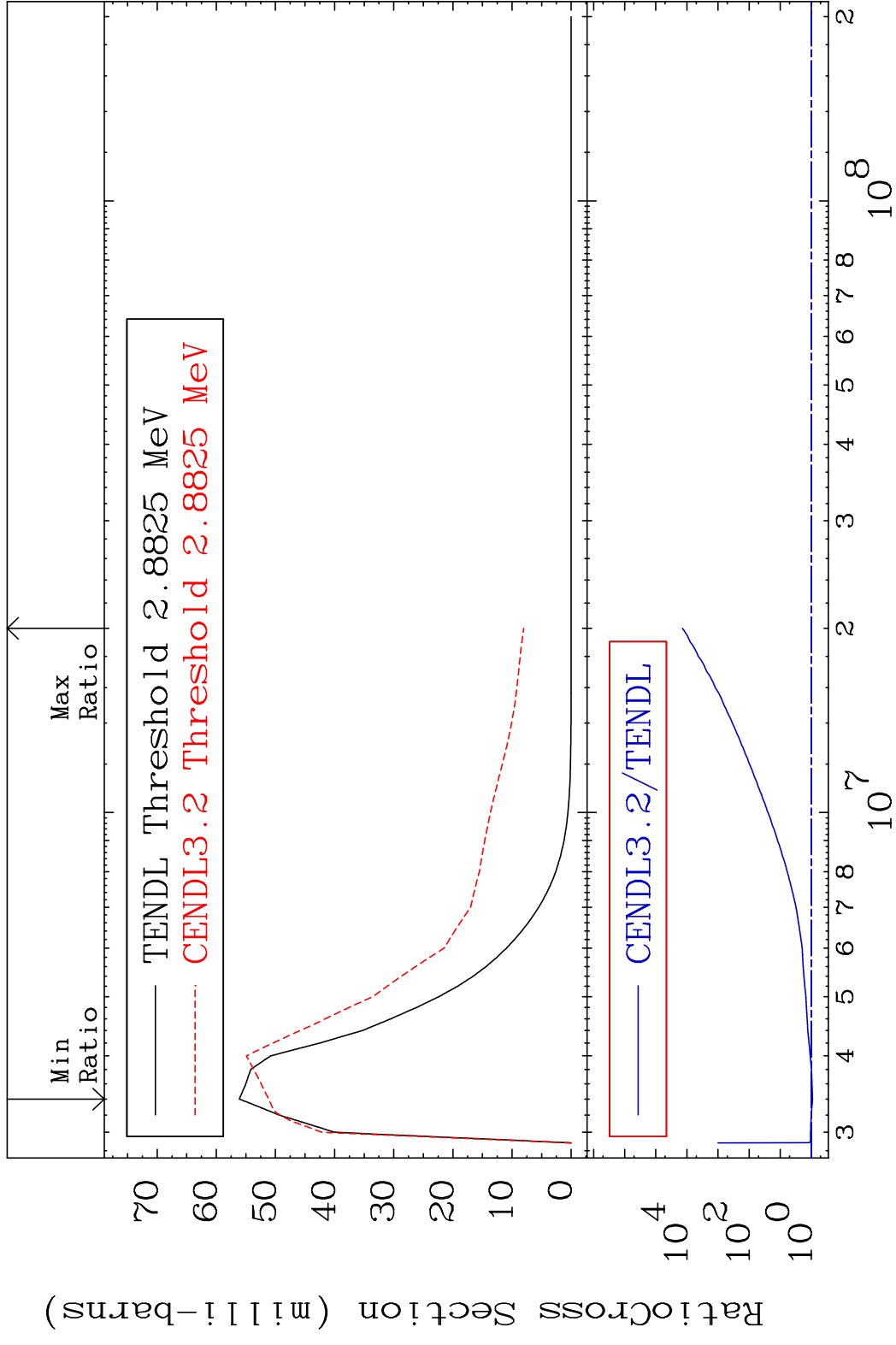
MAT 2437 MT= 52 (n, n') Level 24-Cr-54
 Cross Section -69.04 To 215.2 %



MAT 2437 MT= 53 (n, n') Level 24-Cr-54
 Cross Section -99.71 To -11.91%

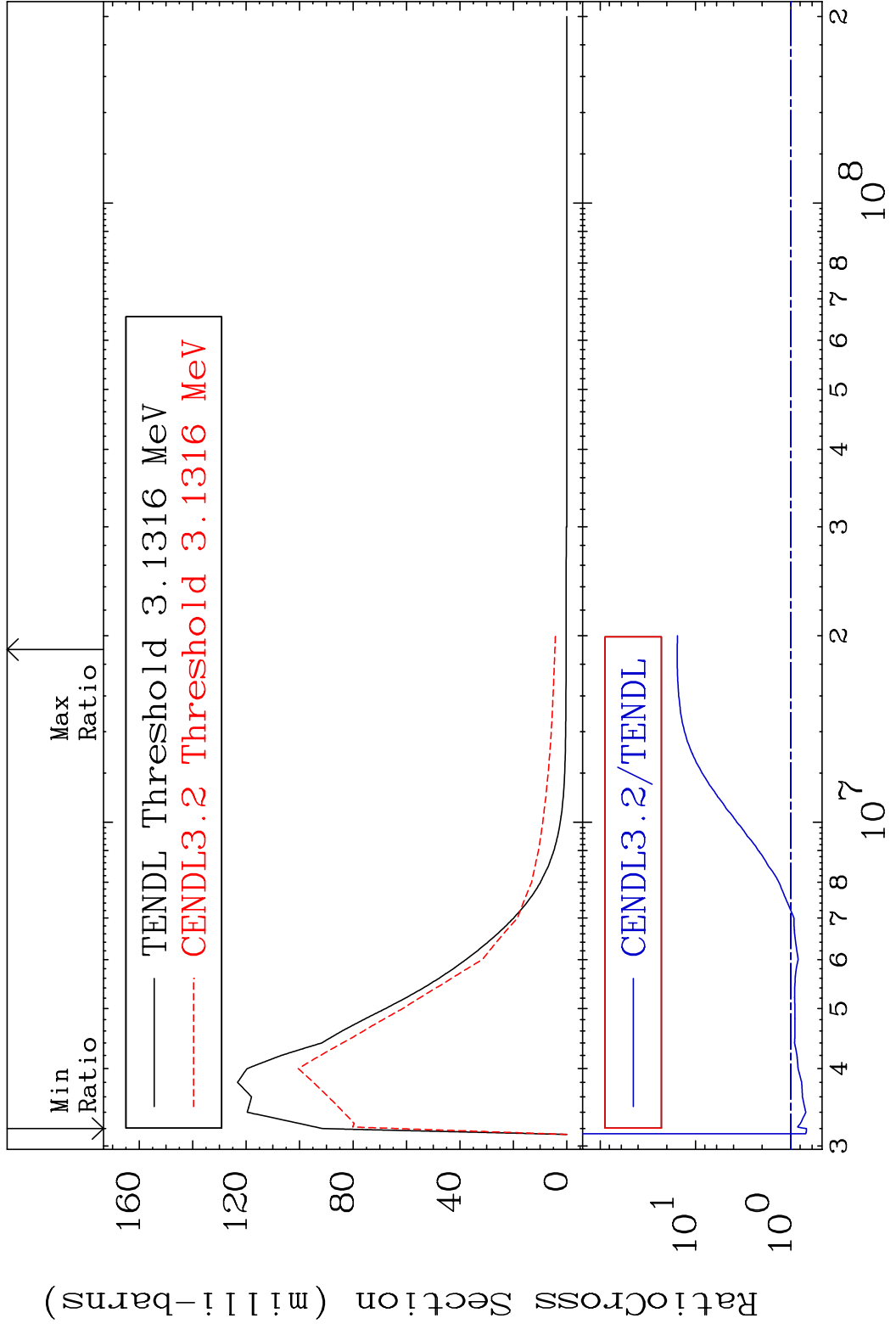


MAT 2437 MT= 54 (n,n') Level 24-Cr-54
 Cross Section -8.806 To 9999. %

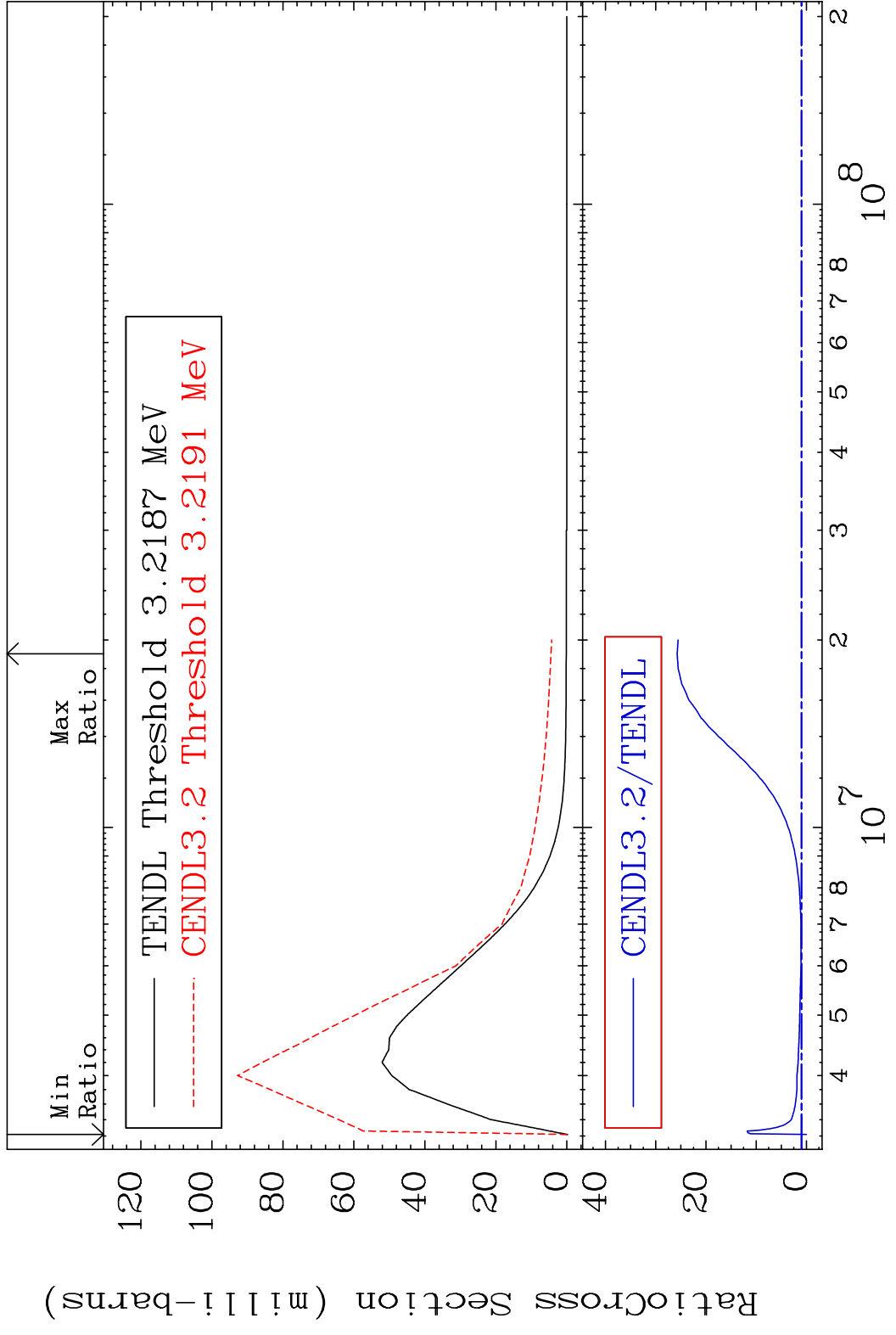


10 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 55 (n,n') Level 24-Cr-54
 Cross Section -31.29 To 1457. %



MAT 2437 MT= 56 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 2473. %

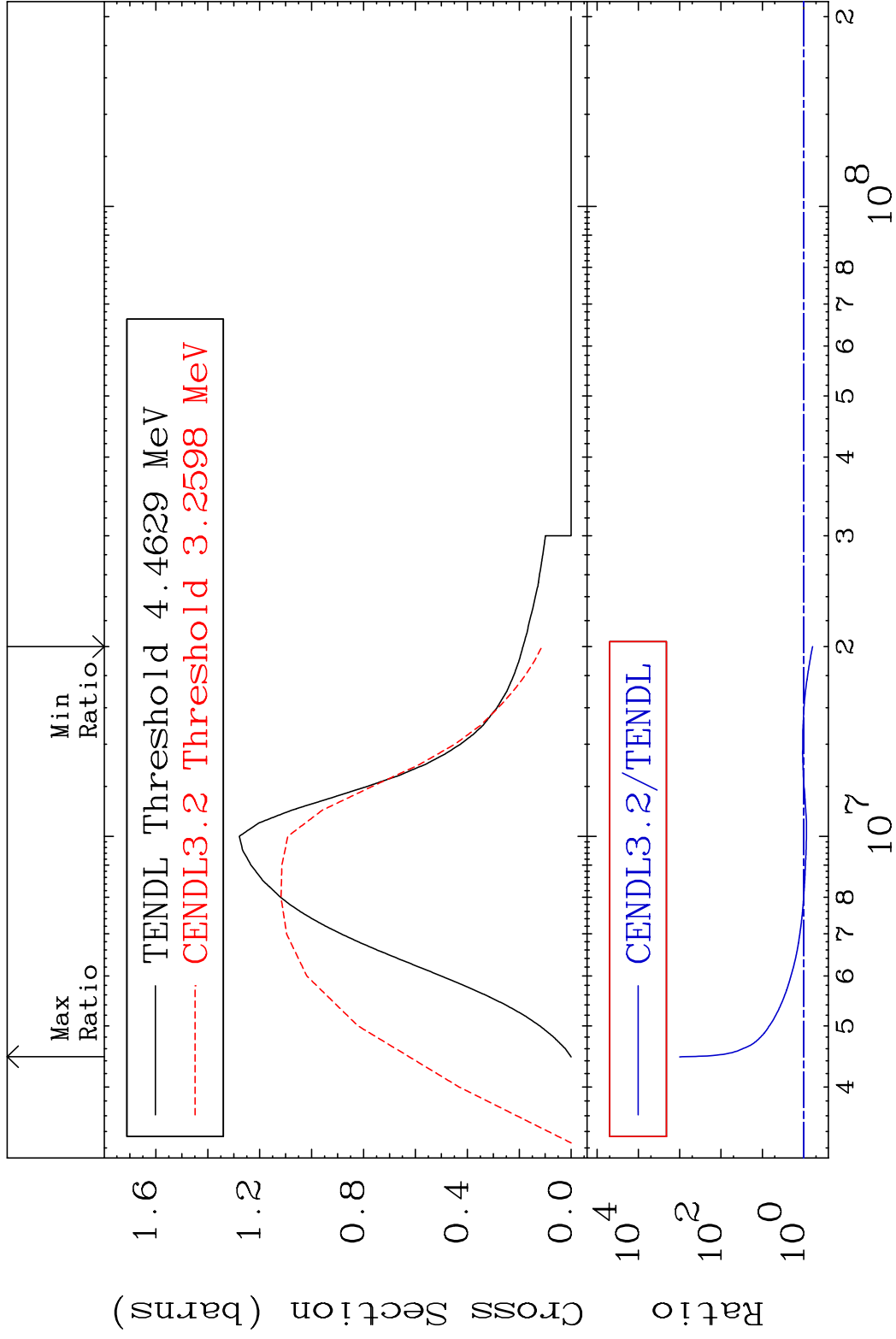


MAT 2437

(n, n') Continuum

24-Cr-54

Cross Section -39.25 To 9999. %

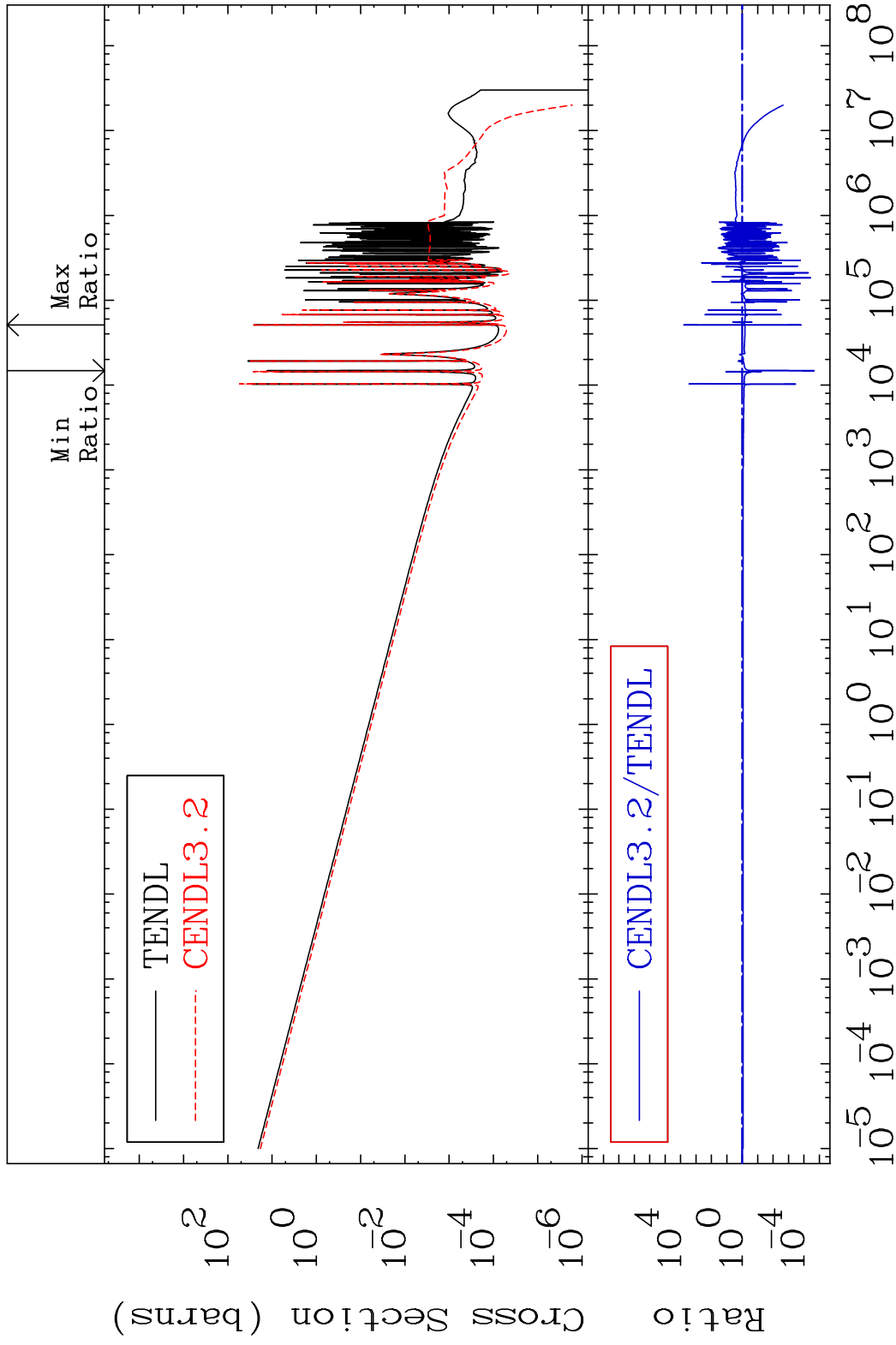


MAT 2437

(n, γ)

24-Cr-54

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

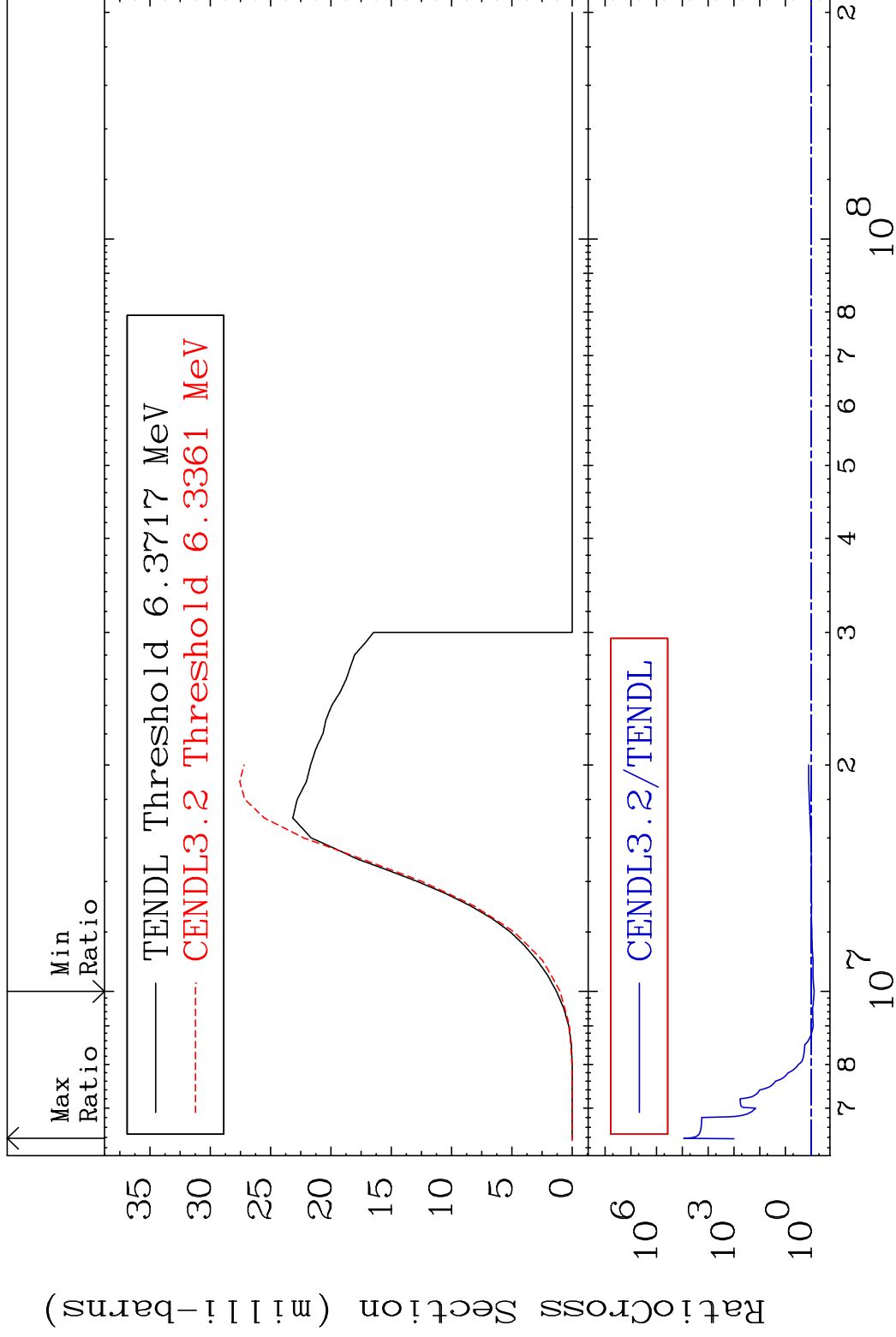
24-Cr-54

MAT 2437

(n, p)

24-Cr-54

Cross Section -22.92 To 9999. %

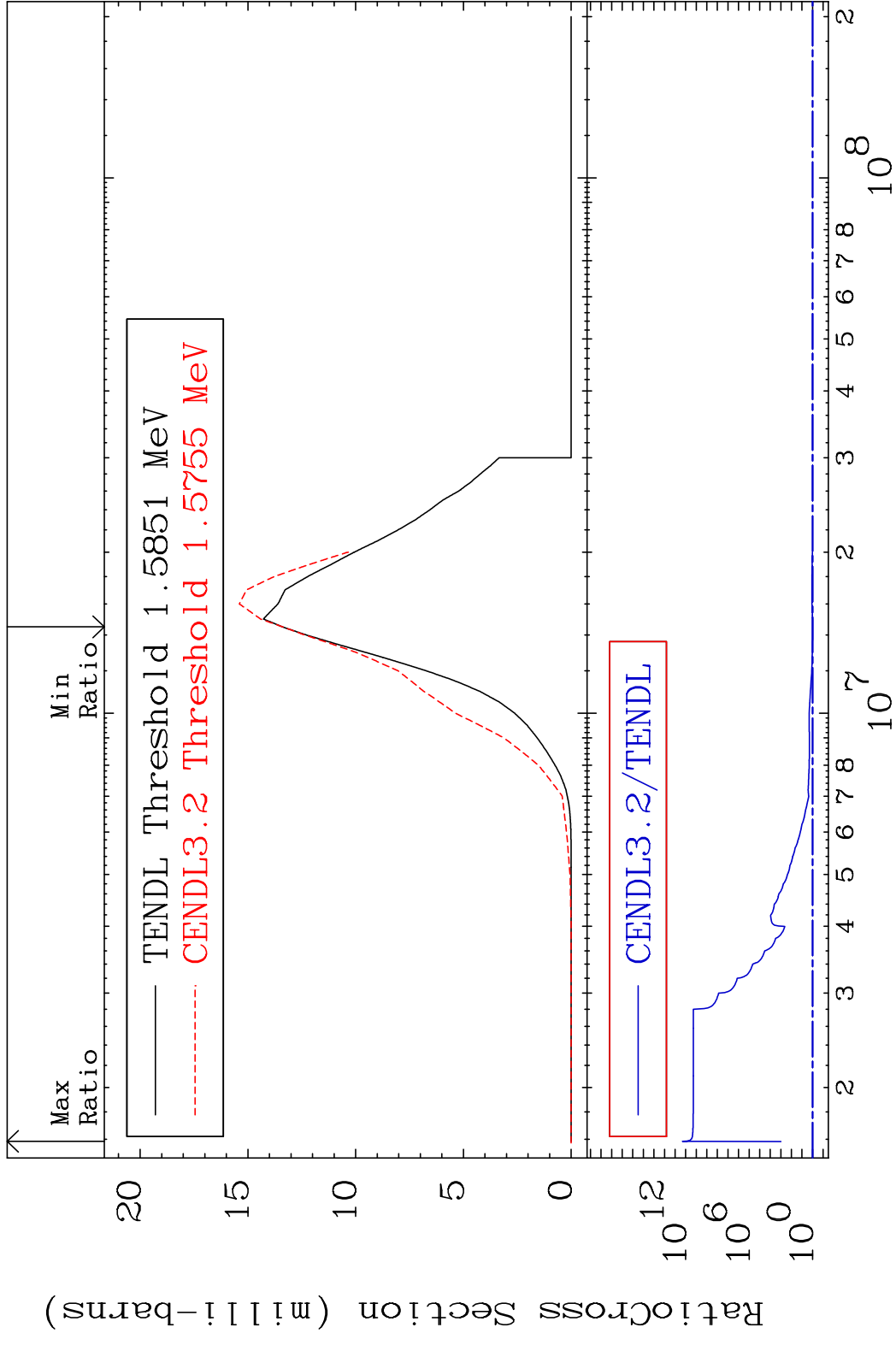


15

Incident Energy (eV)

24-Cr-54

MAT 2437 (n, α) 24-Cr-54
 Cross Section -0.134 To 9999. %

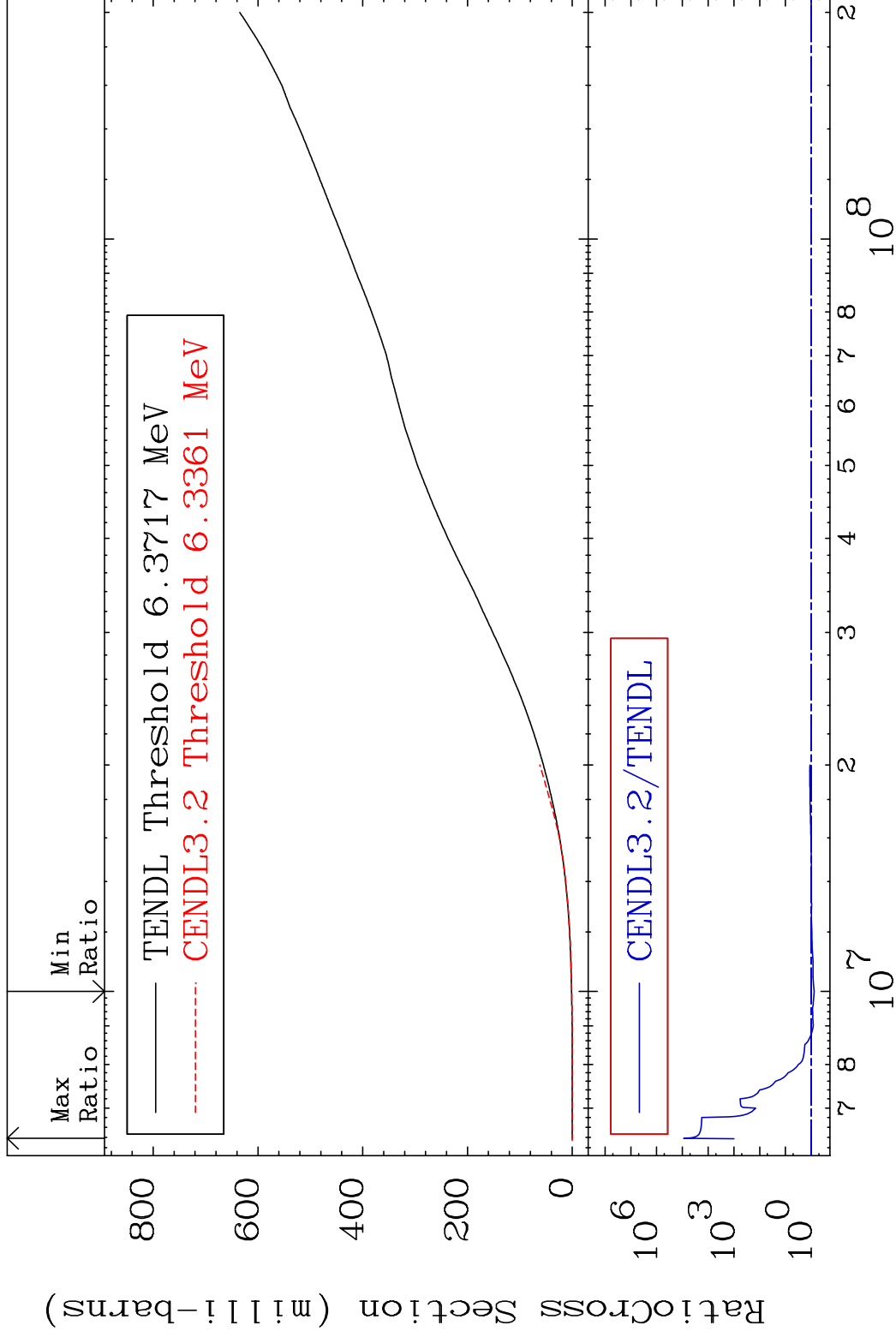


MAT 2437

Hydrogen Production

²⁴Cr-54

Cross Section -22.92 To 9999. %



17

Incident Energy (eV)

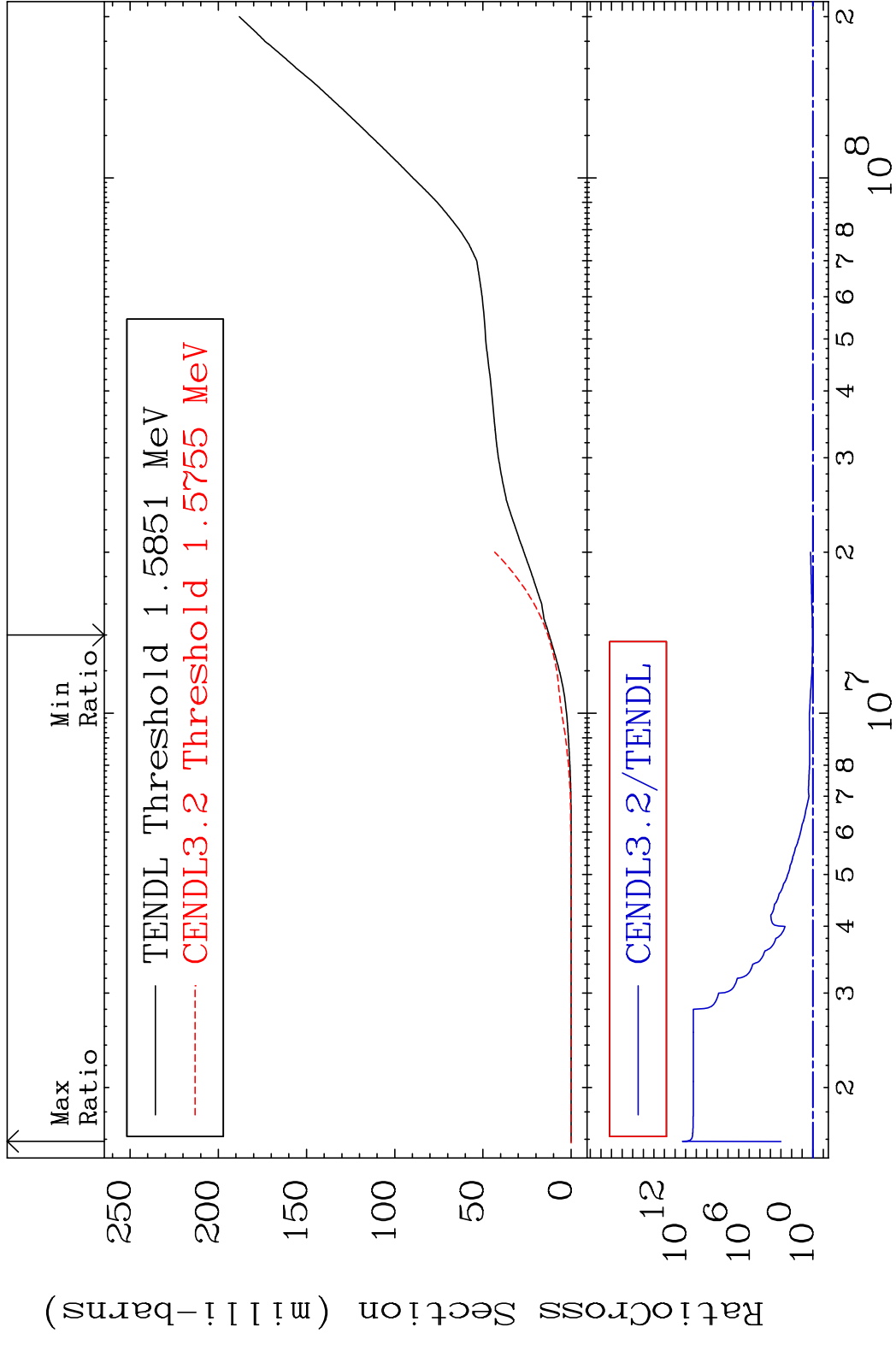
²⁴Cr-54

MAT 2437

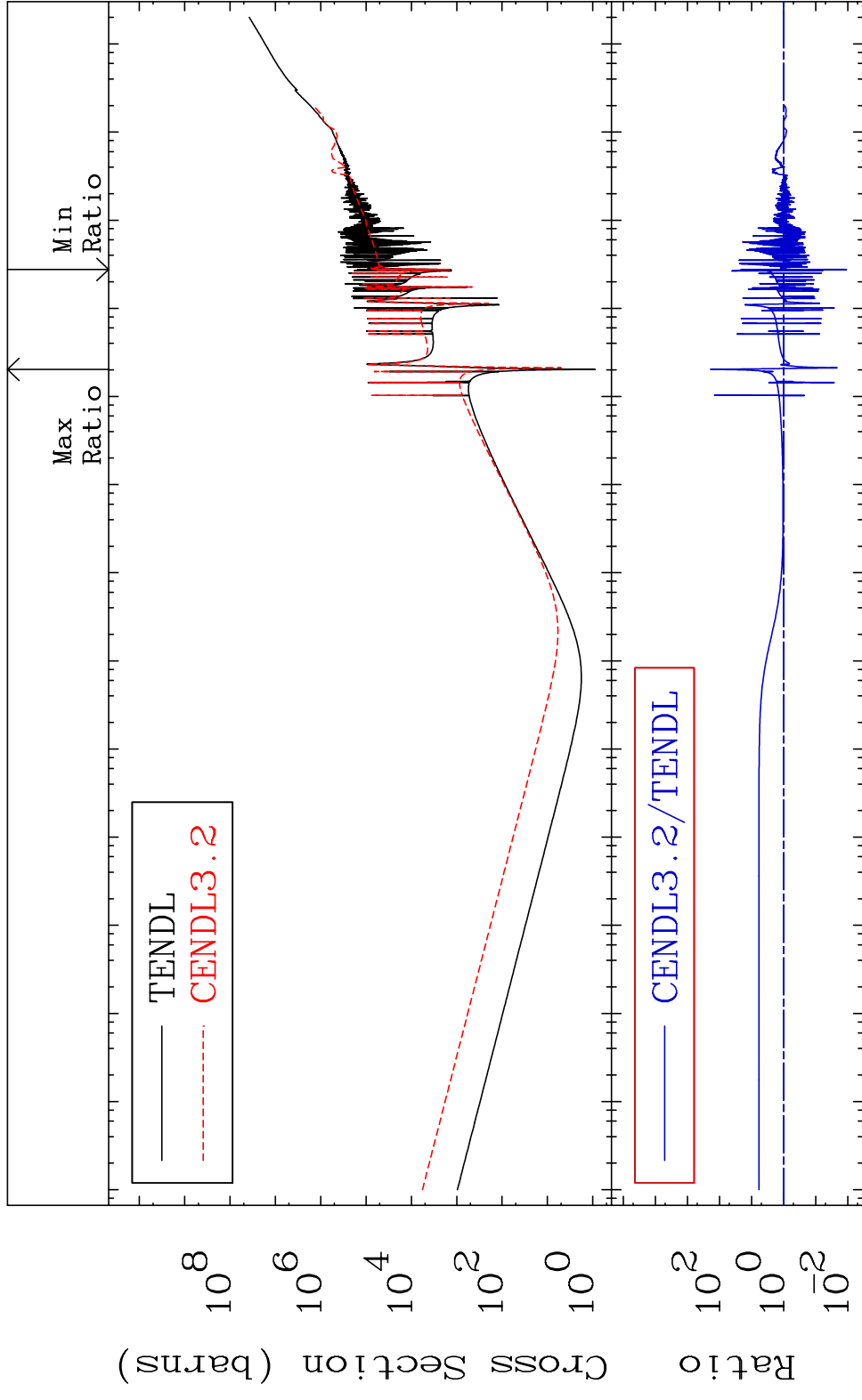
He-4 Production

24-Cr-54

Cross Section 5.594 To 9999. %



MAT 2437 Kerma total (eV-barns) 24-Cr-54
 Cross Section -98.89 To 9999. %

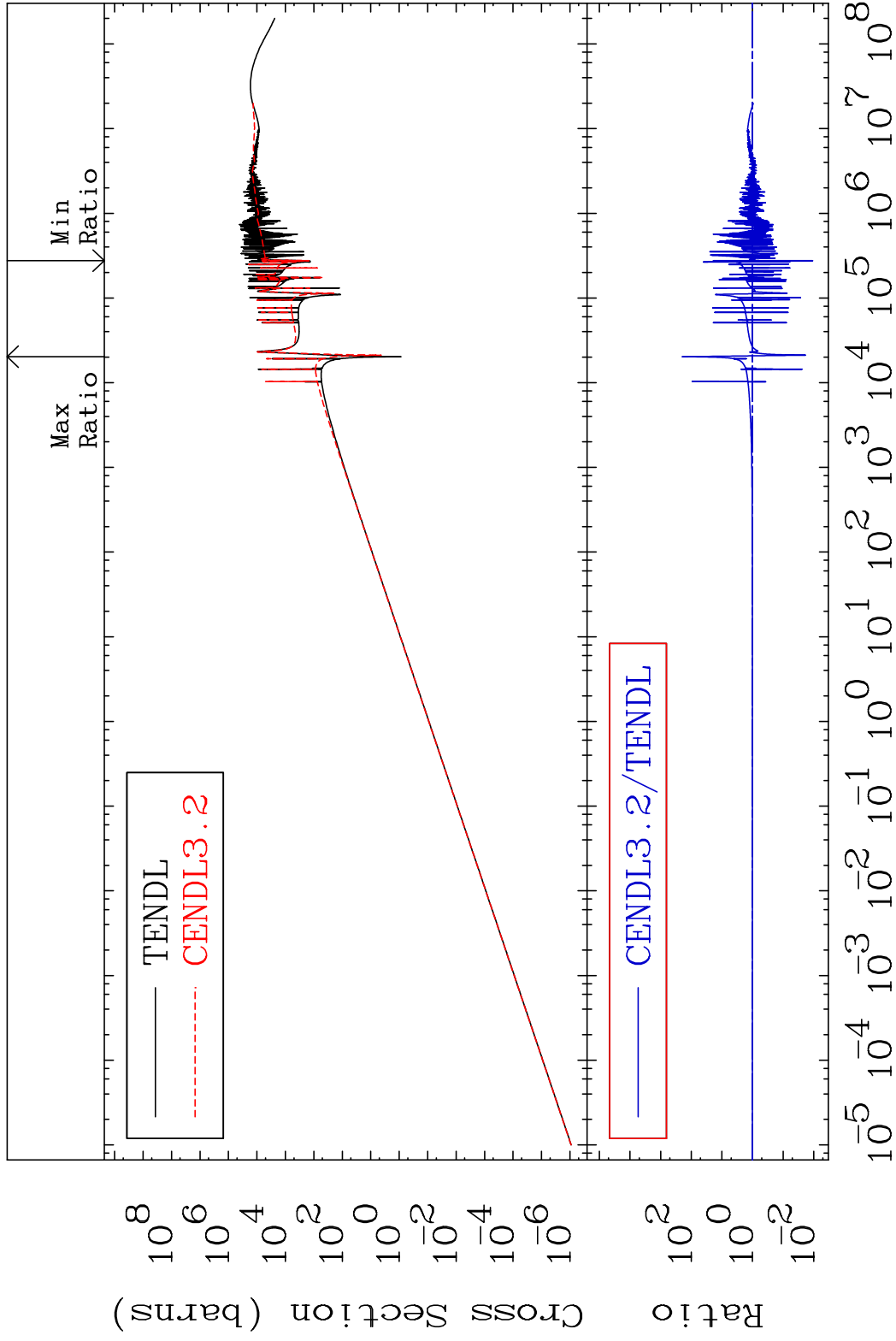


MAT 2437

Kerma elastic

24-Cr-54

Cross Section -98.91 To 9999. %

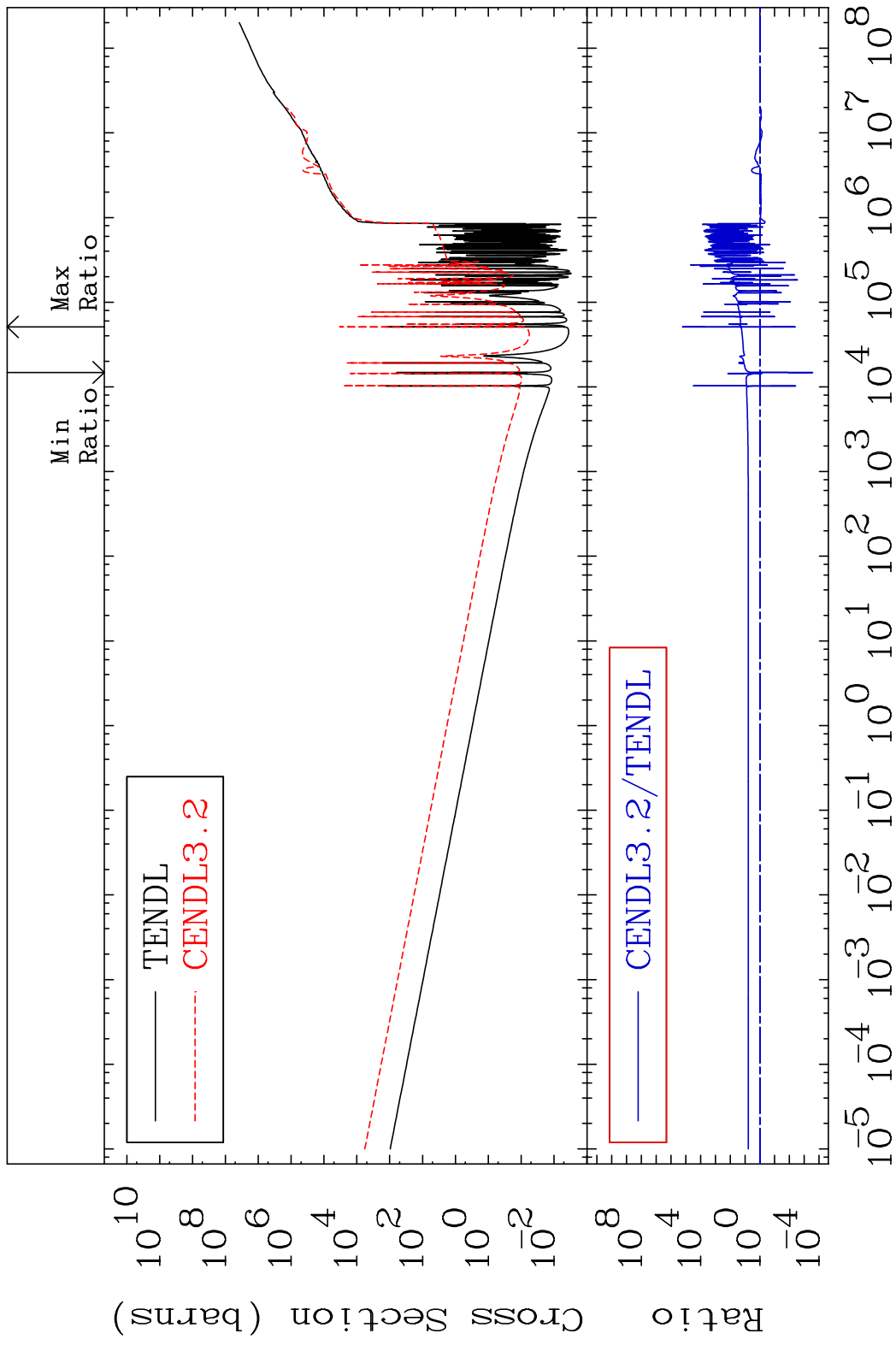


20

Incident Energy (eV)

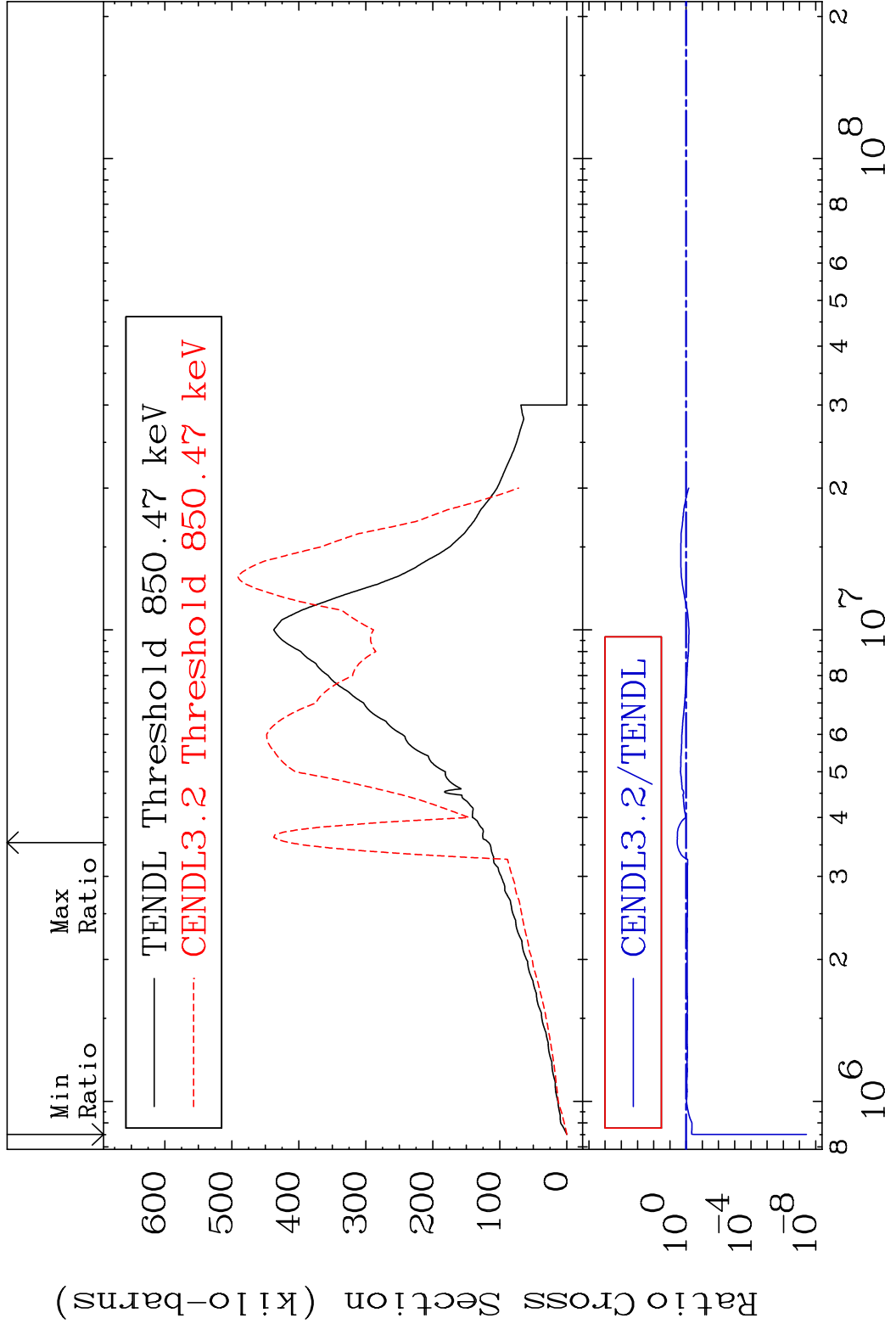
24-Cr-54

MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
 Cross Section -99.97 To 9999. %

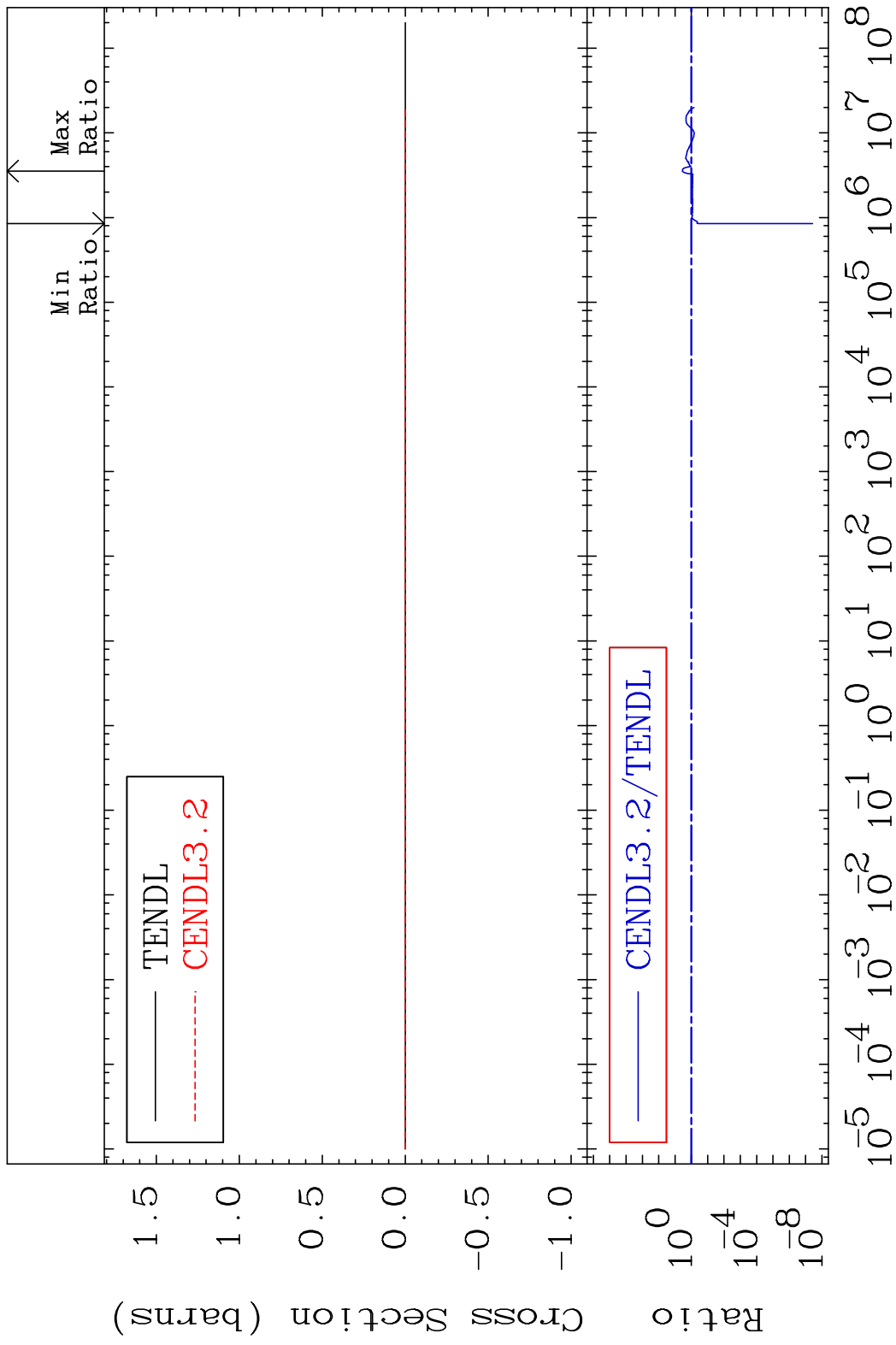


21 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma inelastic (mt51-91) 24-Cr-54
 Cross Section -100.0 To 255.7 %



MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54
 Cross Section -100.0 To 255.7 %

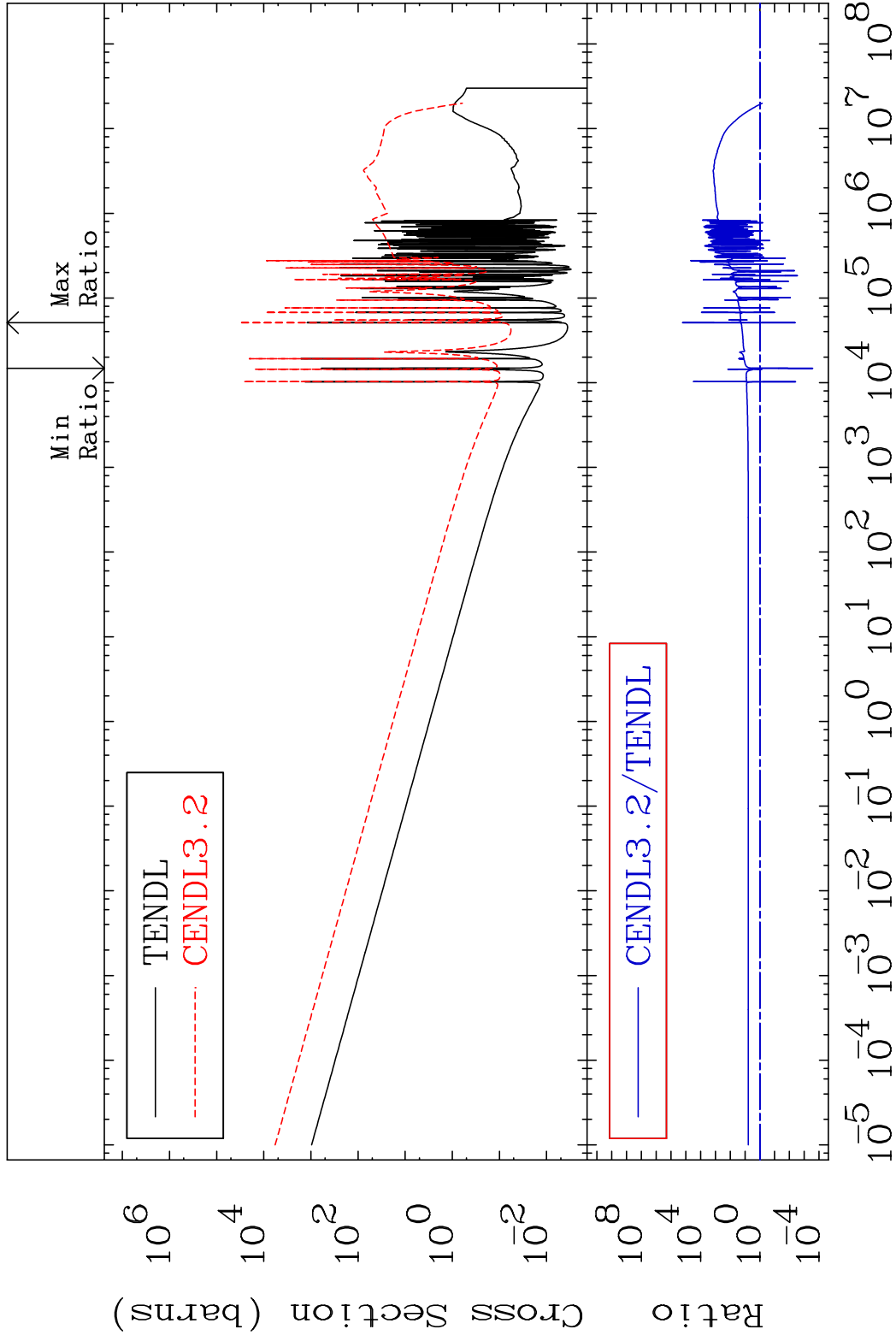


MAT 2437

Kerma capture (mt102)

²⁴Cr-54

Cross Section -99.97 To 9999. %



24

Incident Energy (eV)

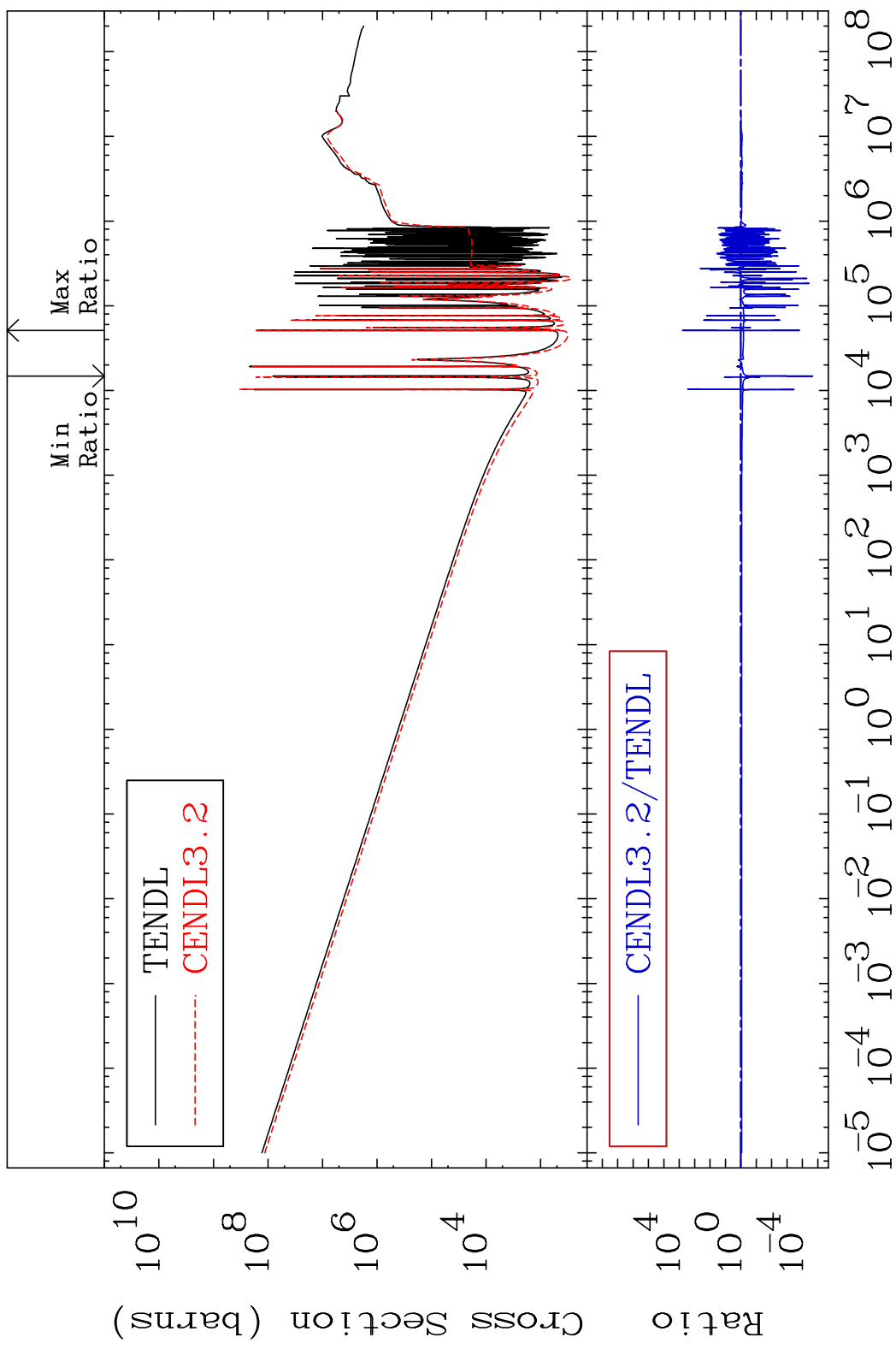
²⁴Cr-54

MAT 2437

Total photon (eV-barns)

²⁴Cr-54

Cross Section -100.0 To 9999. %

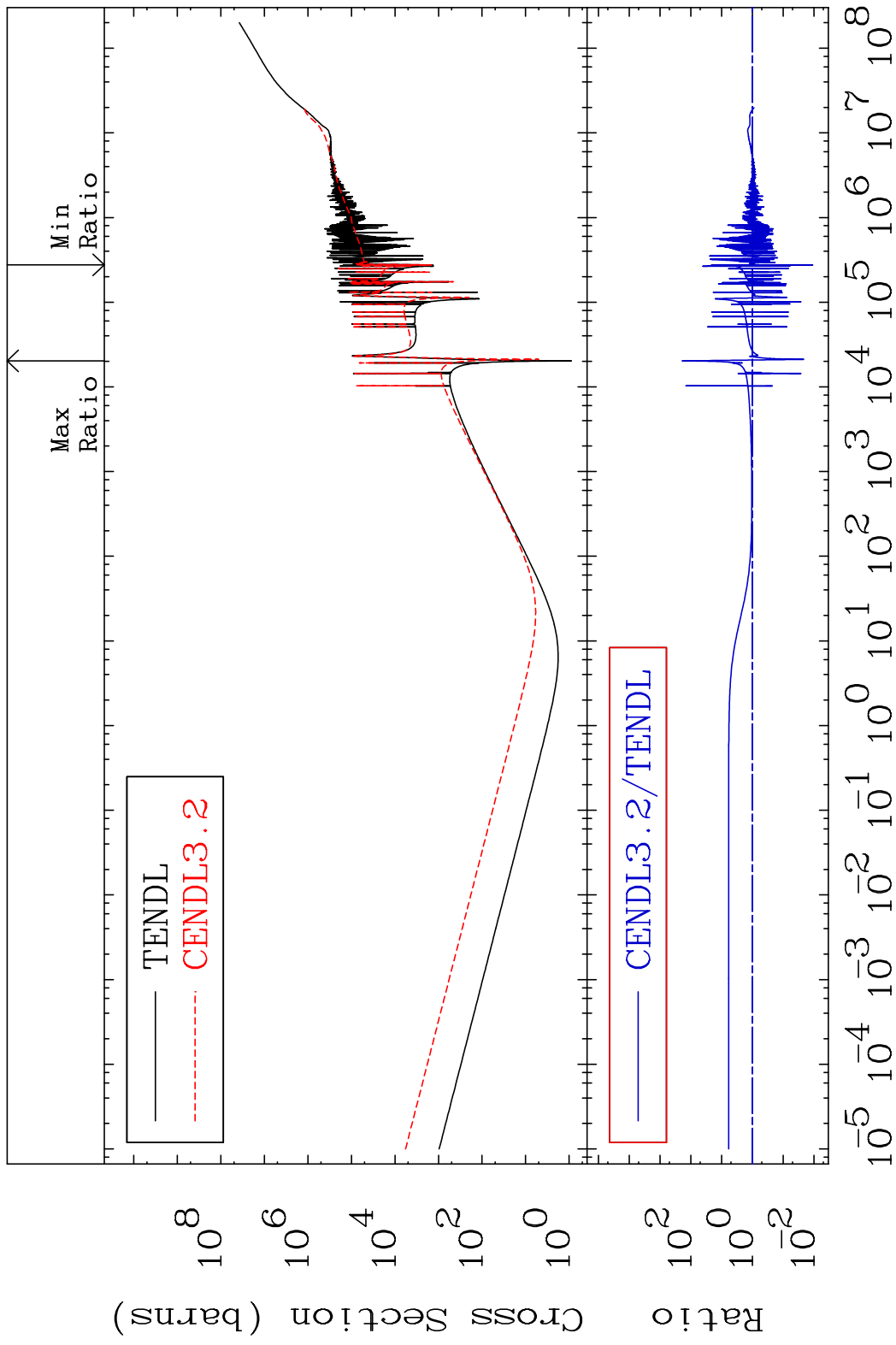


25

Incident Energy (eV)

²⁴Cr-54

MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
 Cross Section -98.89 To 9999. %

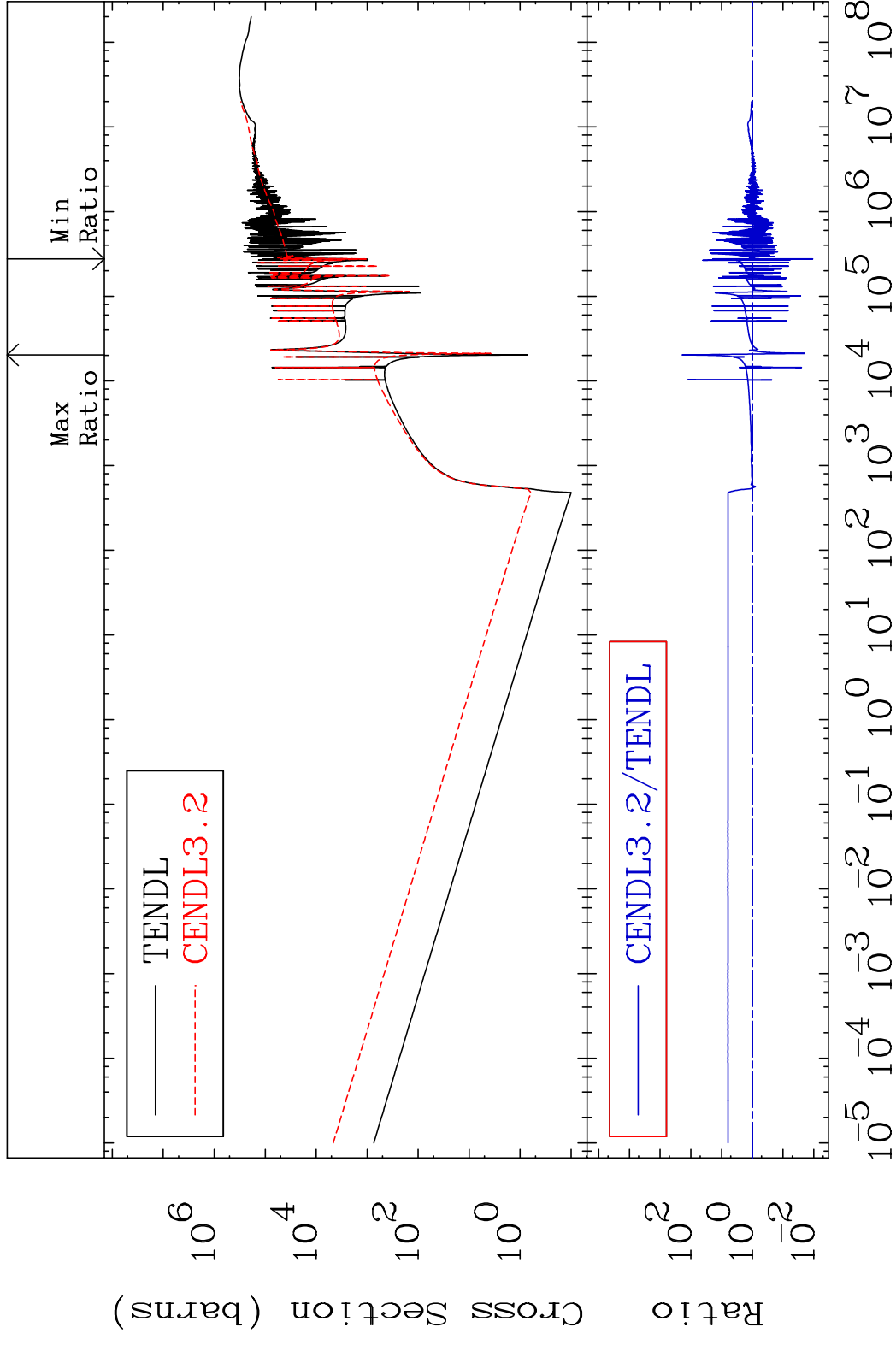


MAT 2437

Dpa total (eV-barns)

24-Cr-54

Cross Section -98.91 To 9999. %



27

Incident Energy (eV)

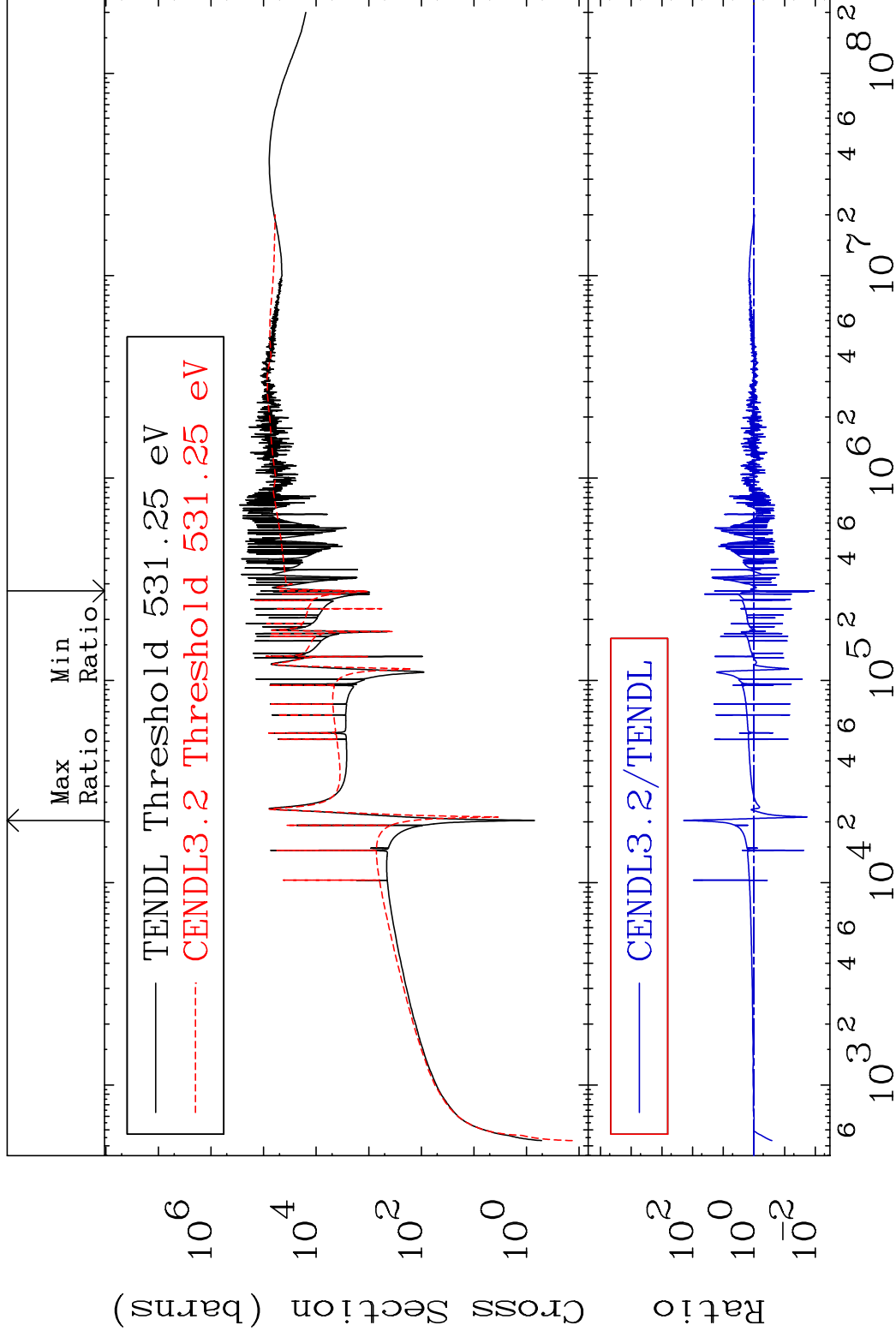
24-Cr-54

MAT 2437

Dpa elastic (mt2)

²⁴Cr-54

Cross Section -98.91 To 9999. %

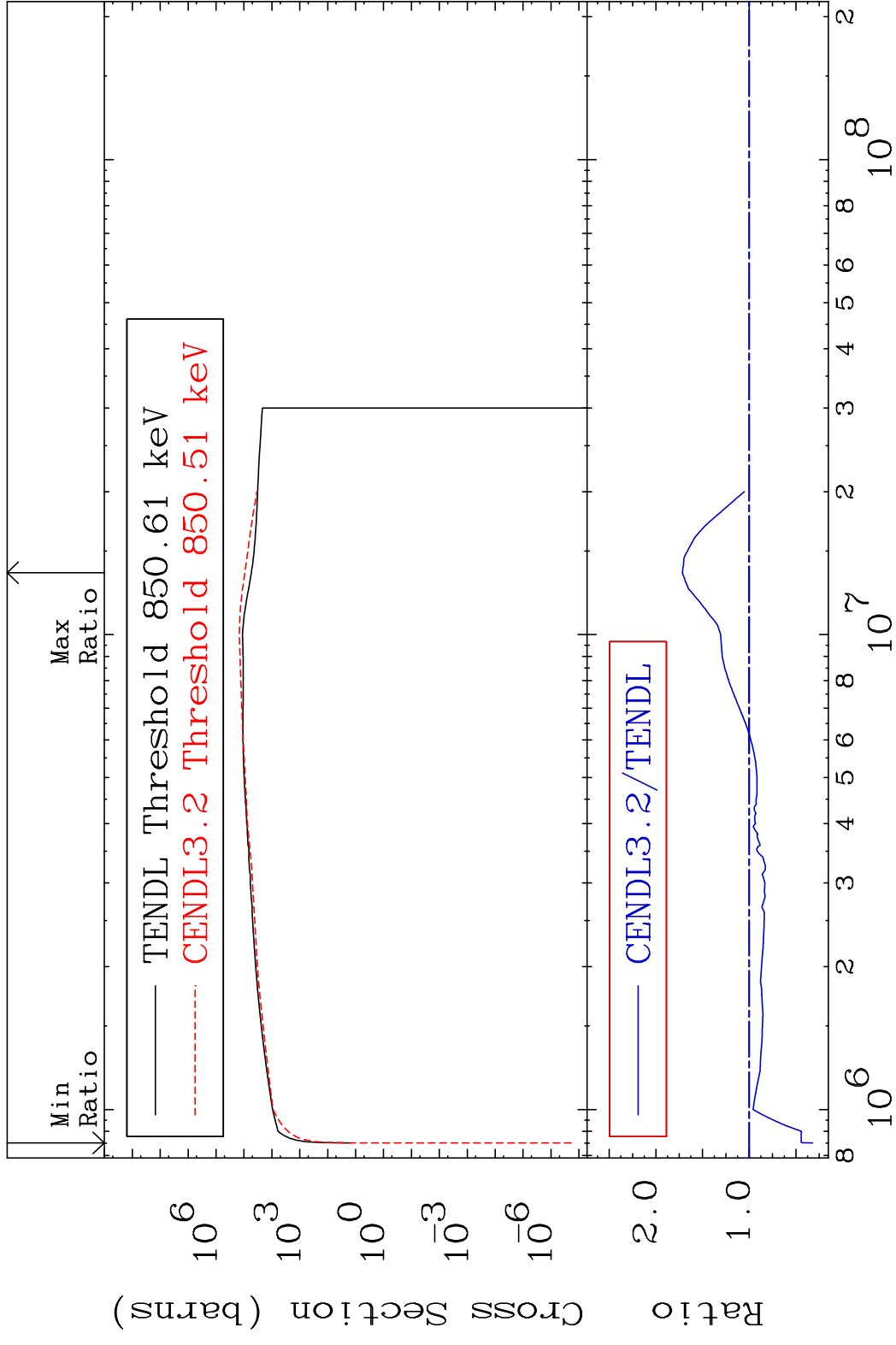


28

Incident Energy (eV)

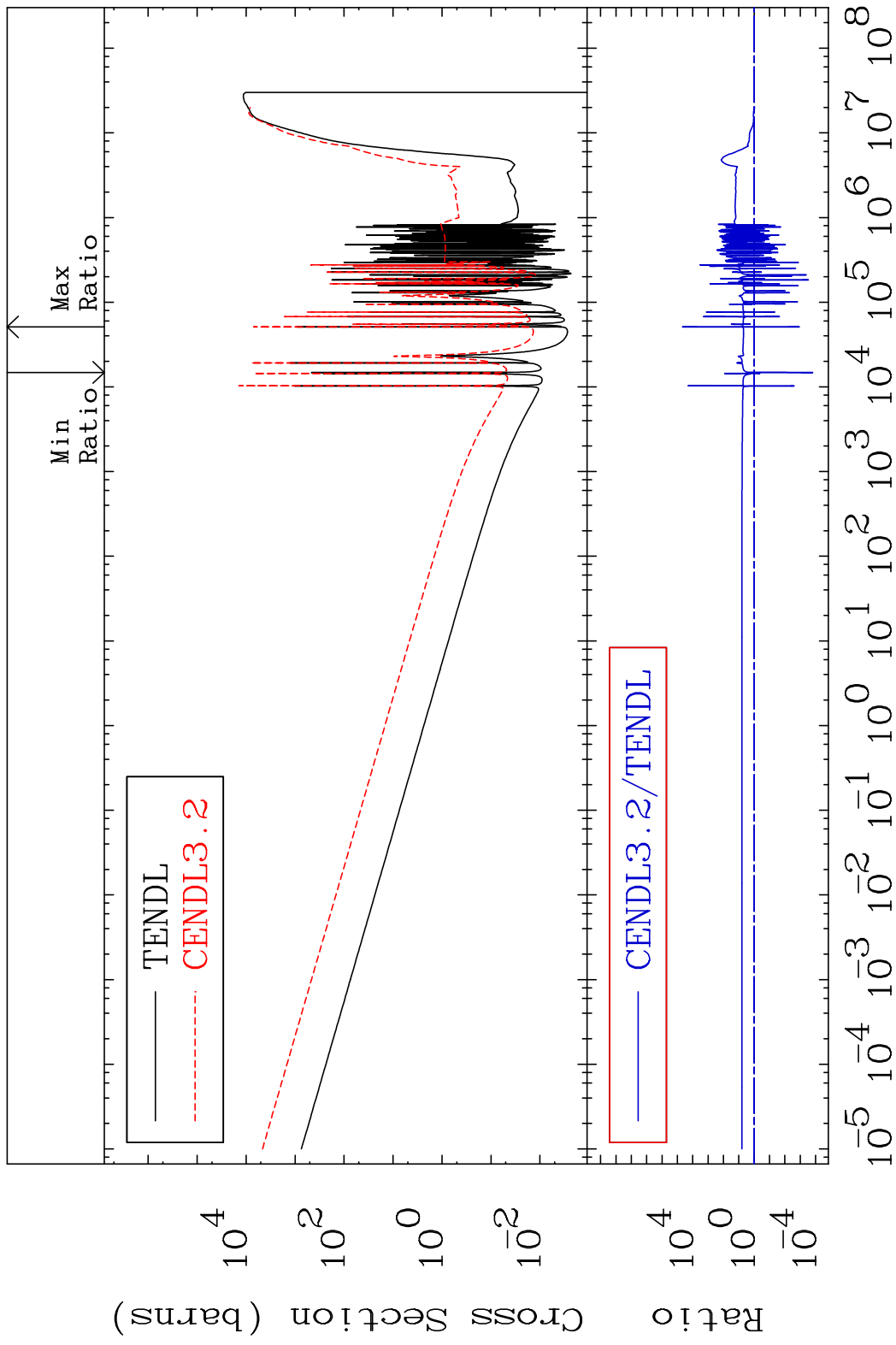
²⁴Cr-54

MAT 2437 Dpa inelastic (mt51-91) 24-Cr-54
 Cross Section -67.85 To 71.66 %



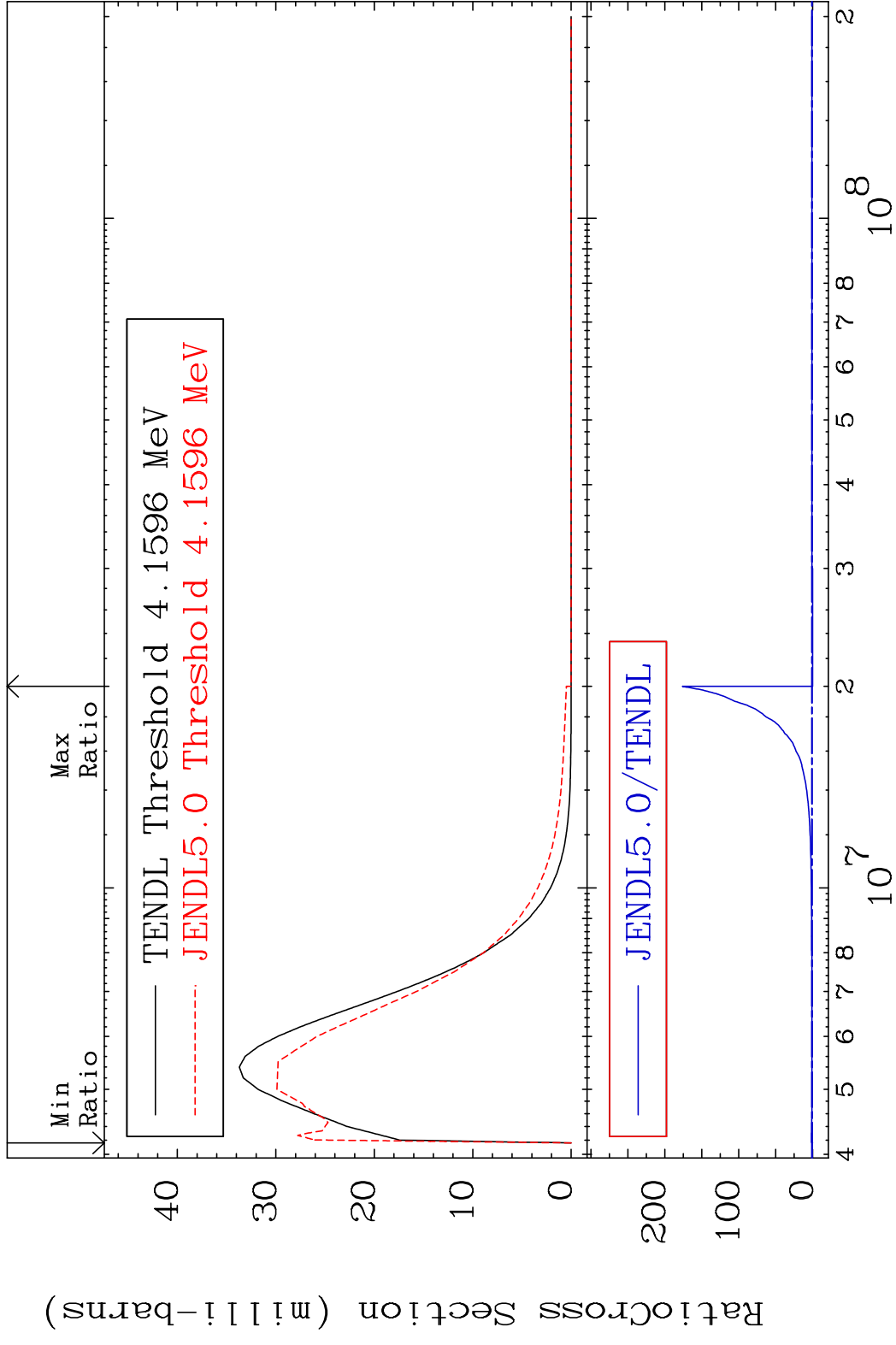
29 Incident Energy (eV) 24-Cr-54

MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54
 Cross Section -99.98 To 9999. %

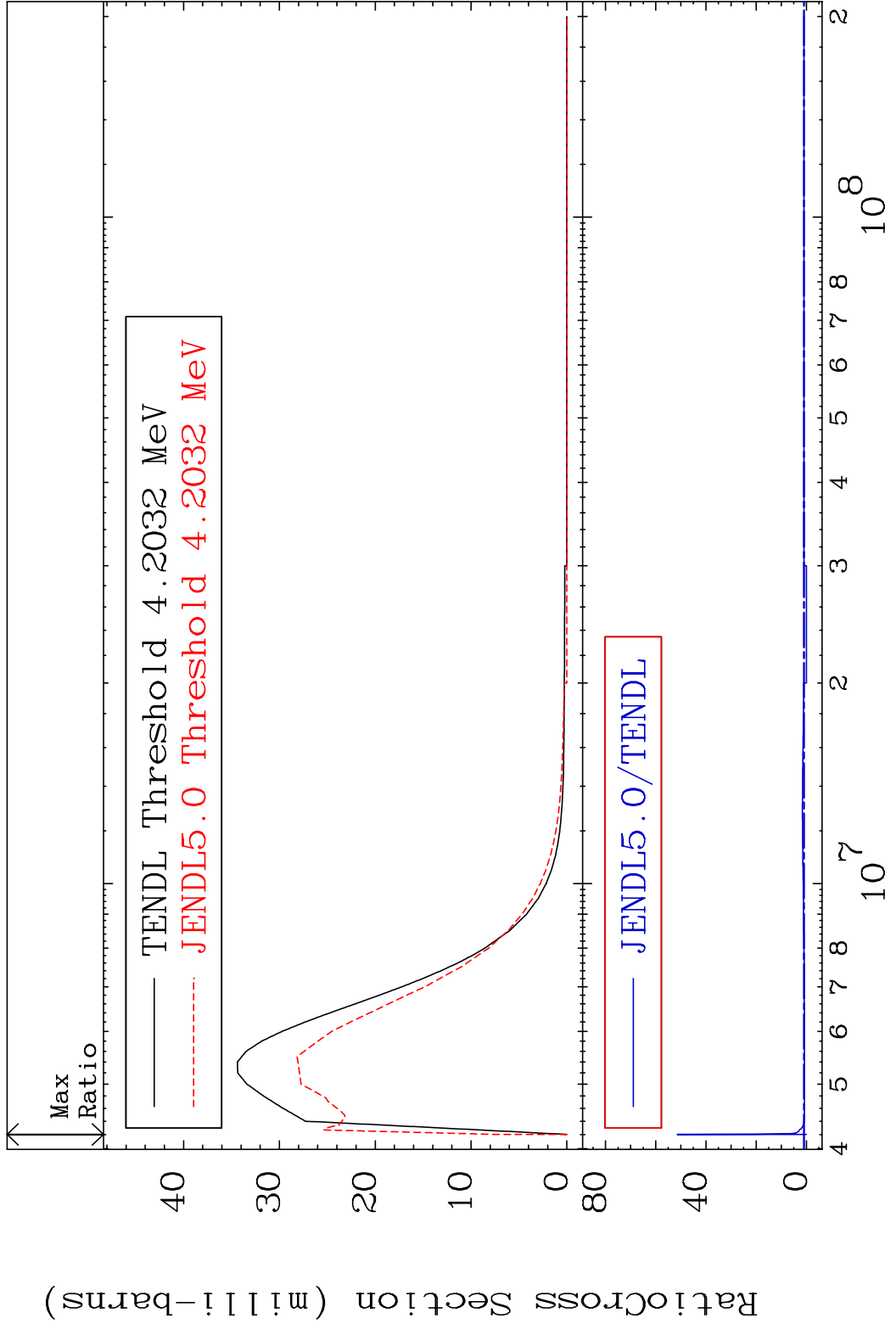


30 Incident Energy (eV) 24-Cr-54

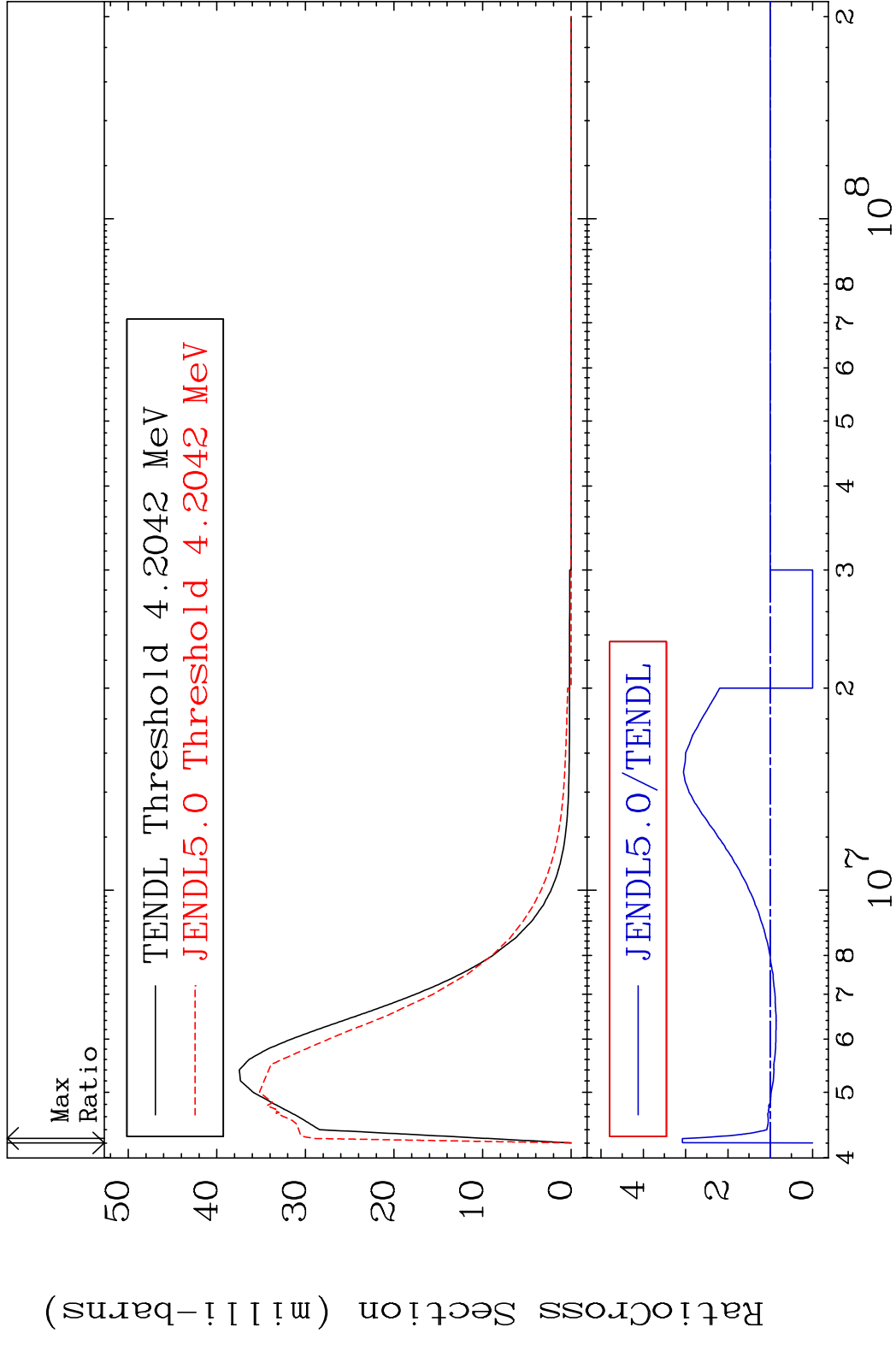
MAT 2437 MT= 73 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



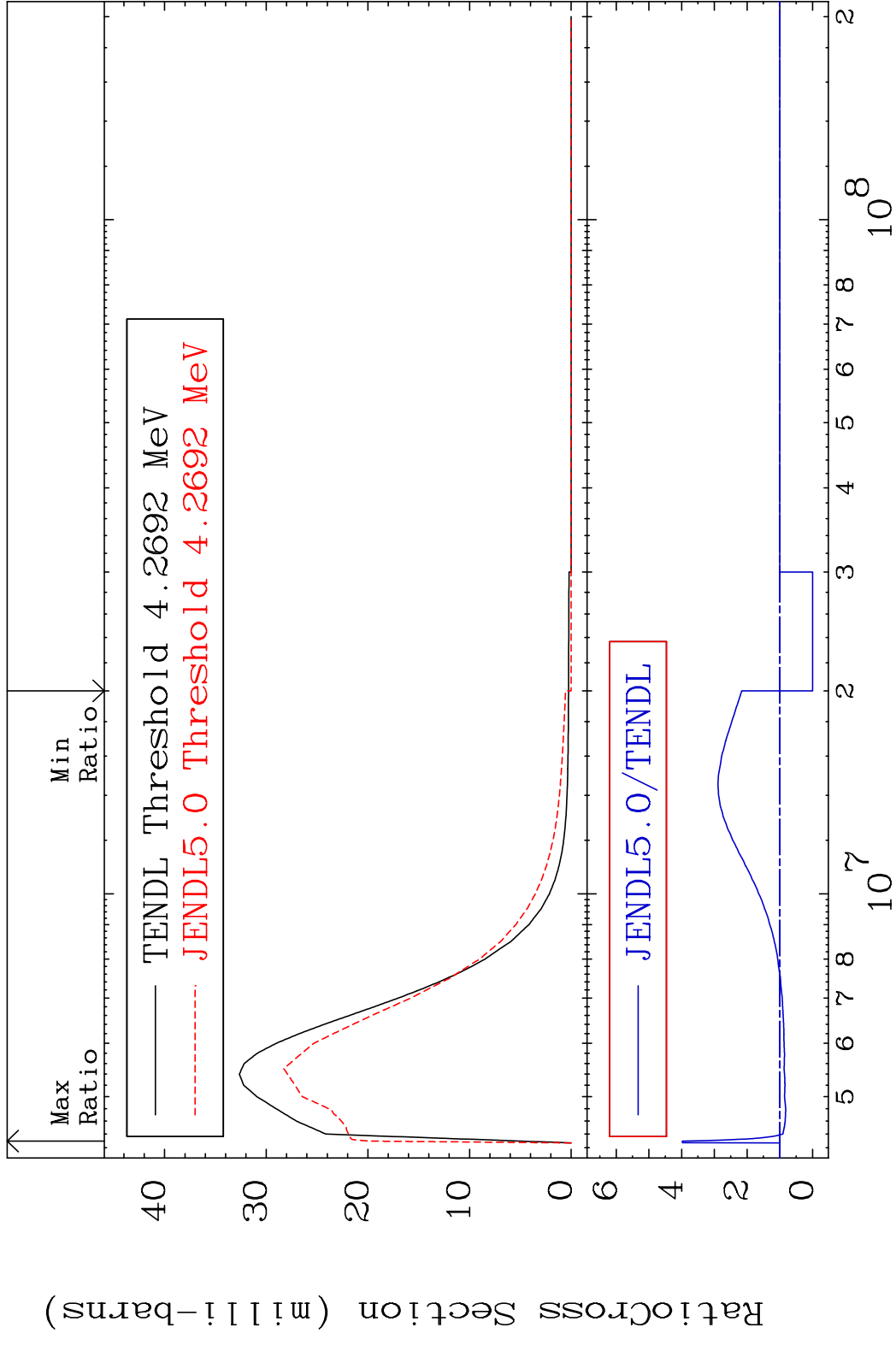
MAT 2437 MT= 74 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 5045. %



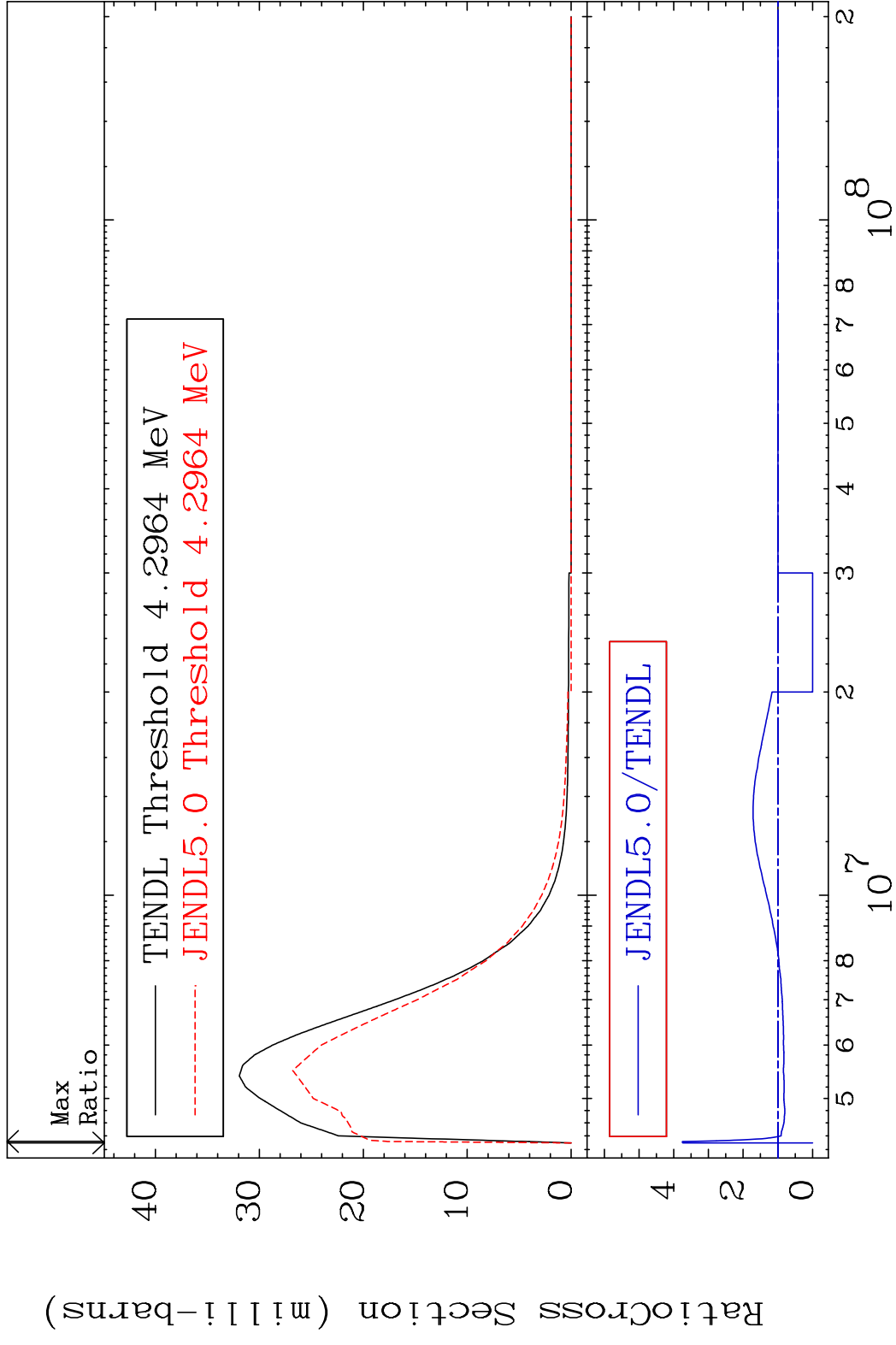
MAT 2437 MT= 75 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 207.7 %



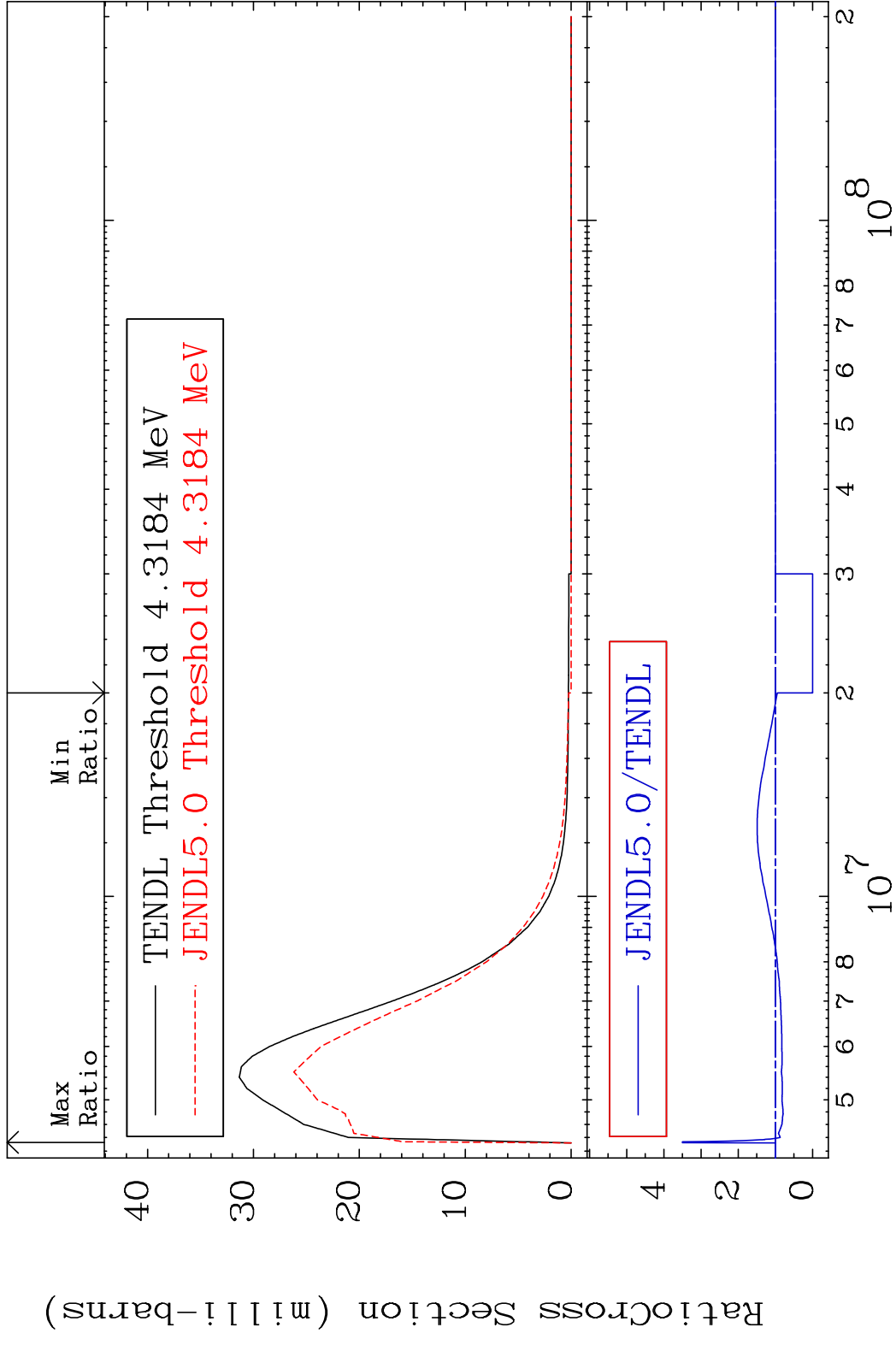
MAT 2437 MT= 76 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 297.8 %



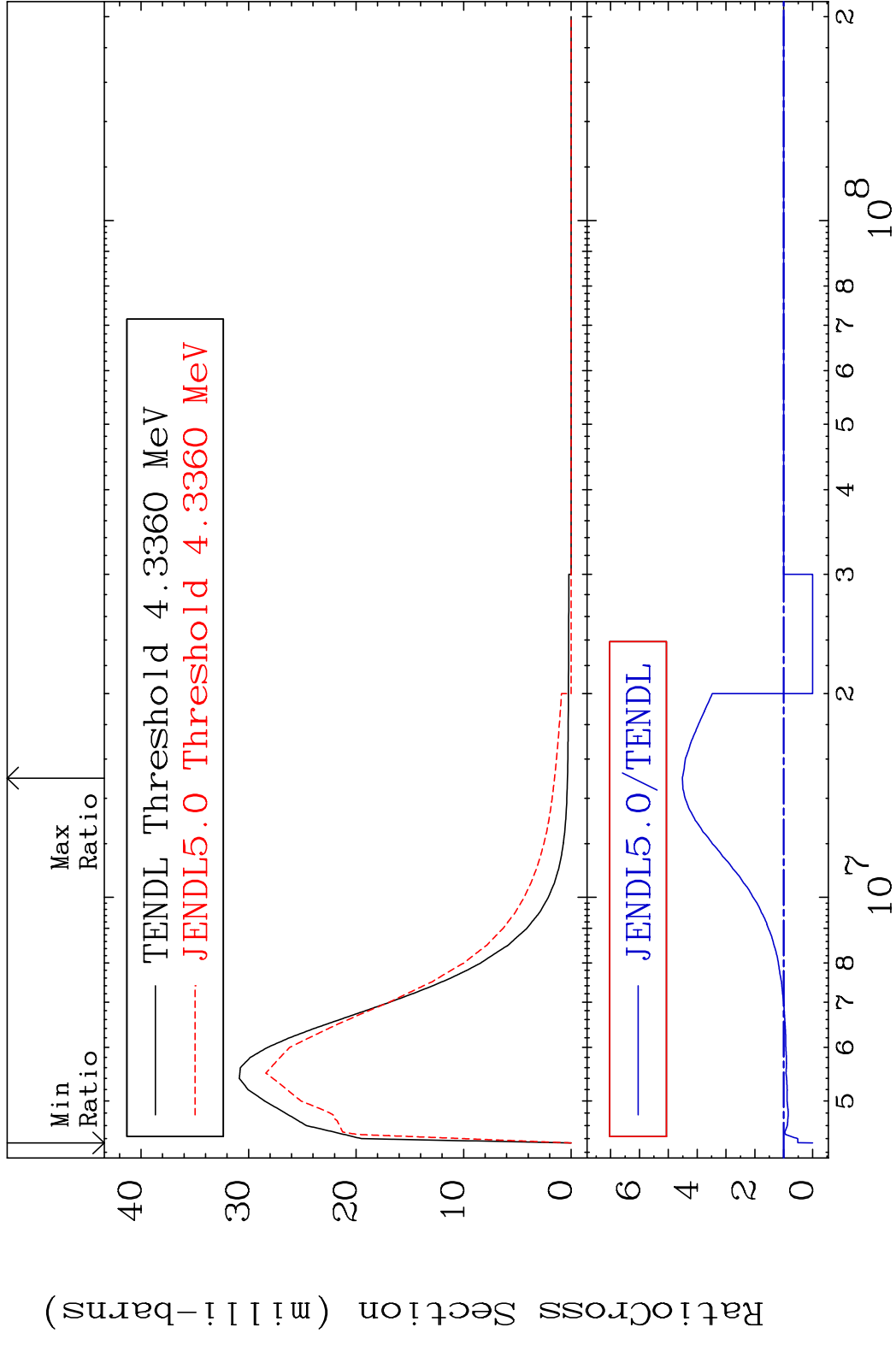
MAT 2437 MT= 77 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 275.1 %



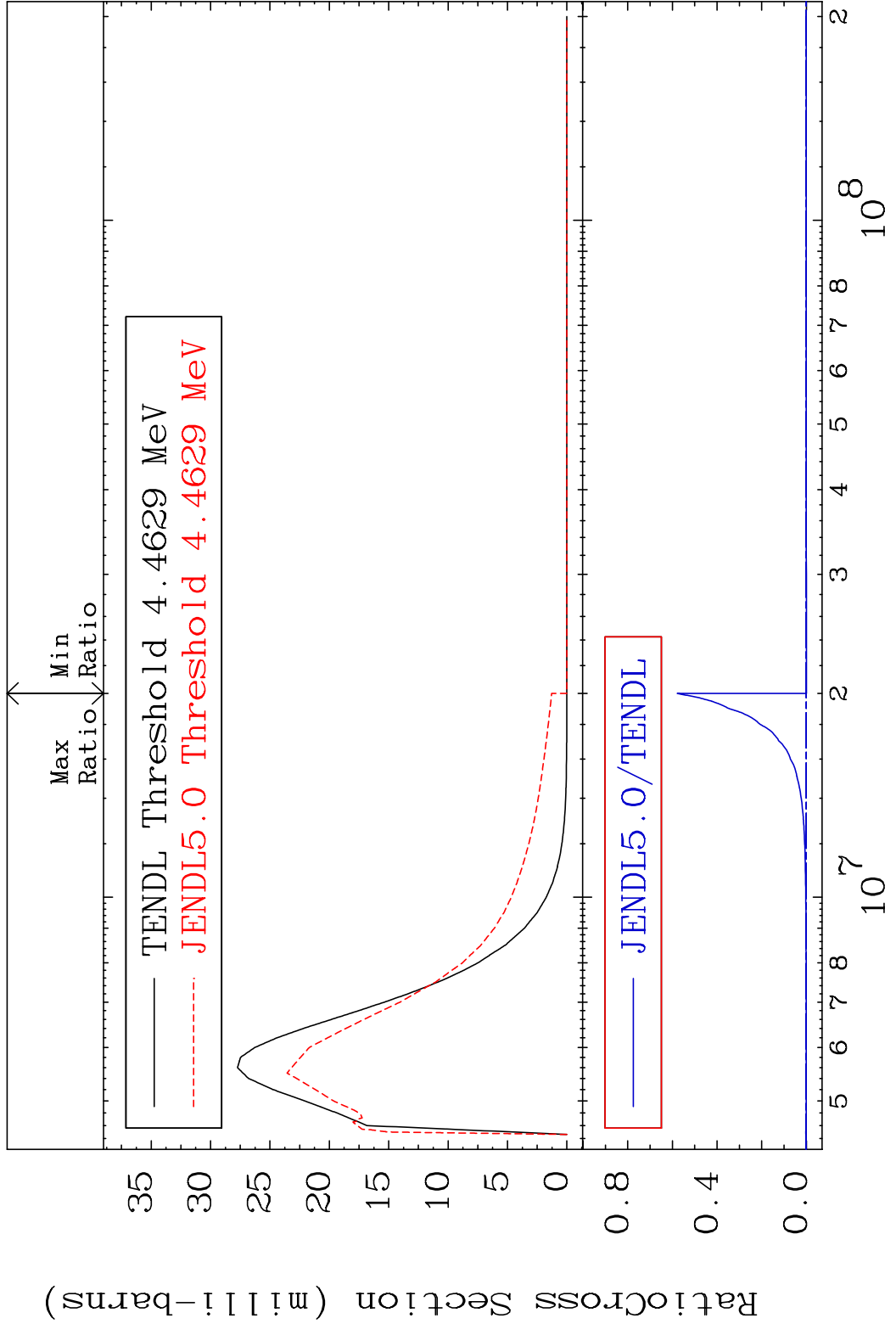
MAT 2437 MT= 78 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 250.2 %



MAT 2437 MT= 79 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 351.4 %



MAT 2437 MT= 80 (n,n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %

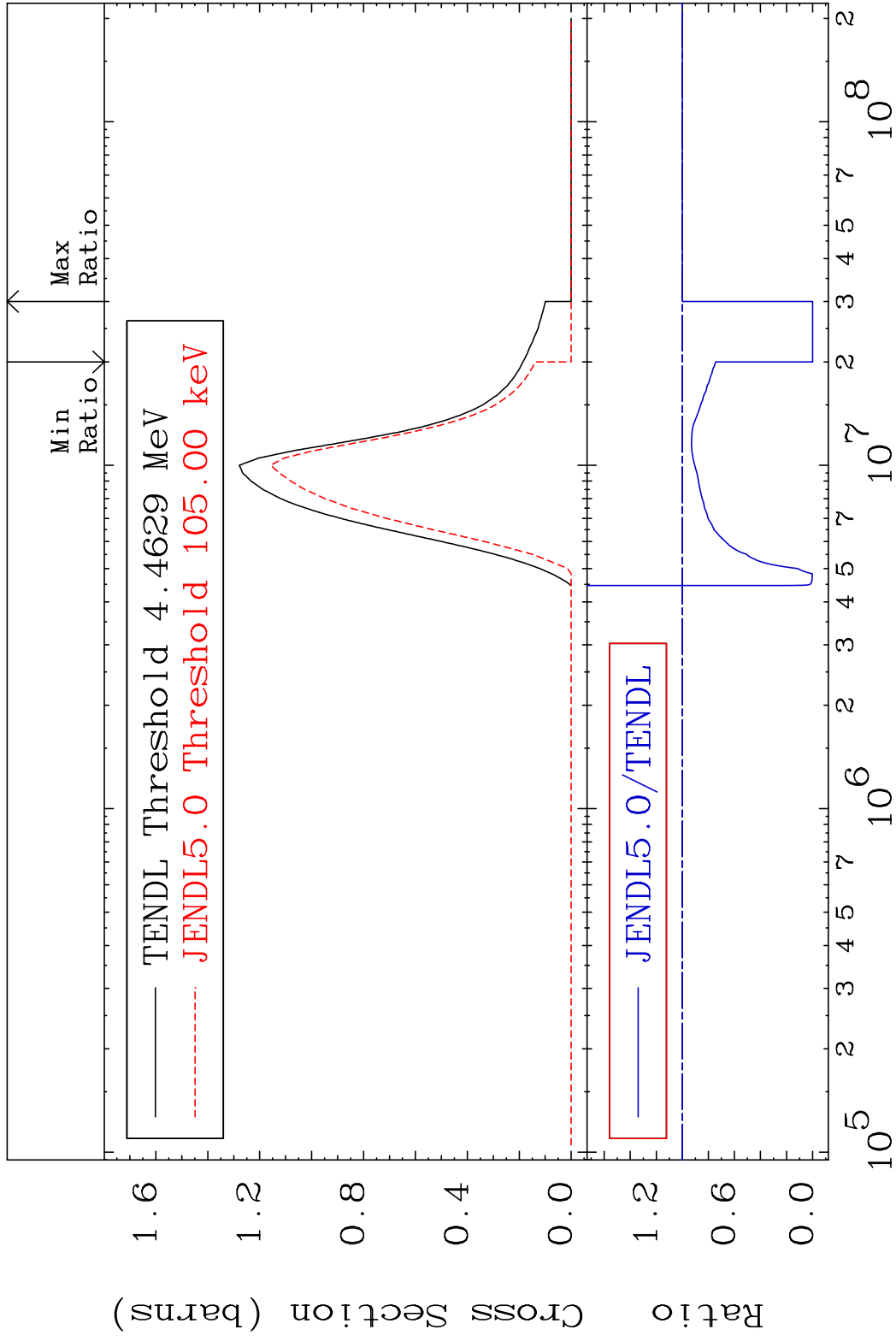


MAT 2437

(n, n') Continuum

²⁴Cr-54

Cross Section -100.0 To 0.000 %



39

Incident Energy (eV)

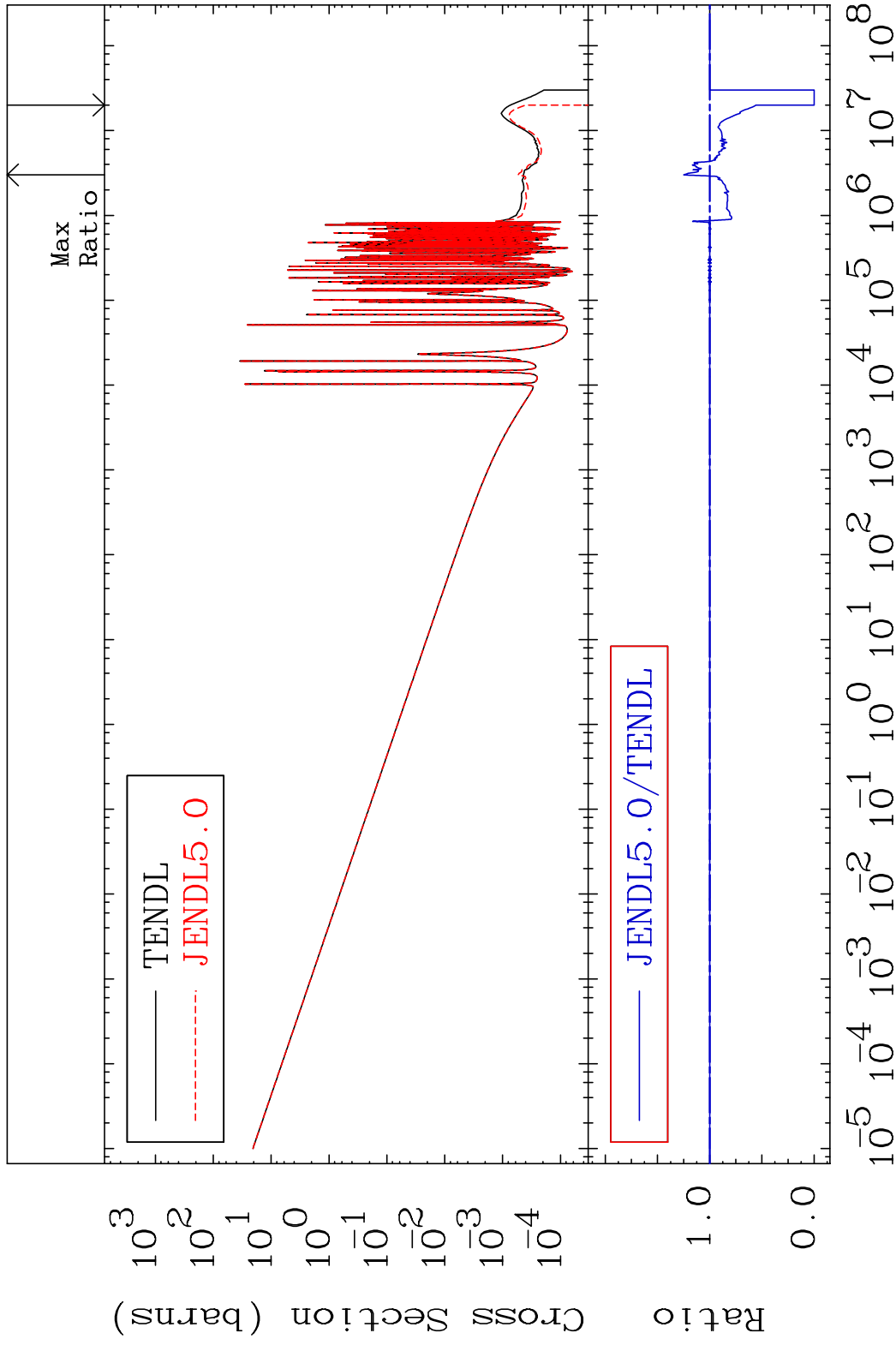
²⁴Cr-54

MAT 2437

(n, γ)

24-Cr-54

Cross Section -100.0 To 24.97 %



40

Incident Energy (eV)

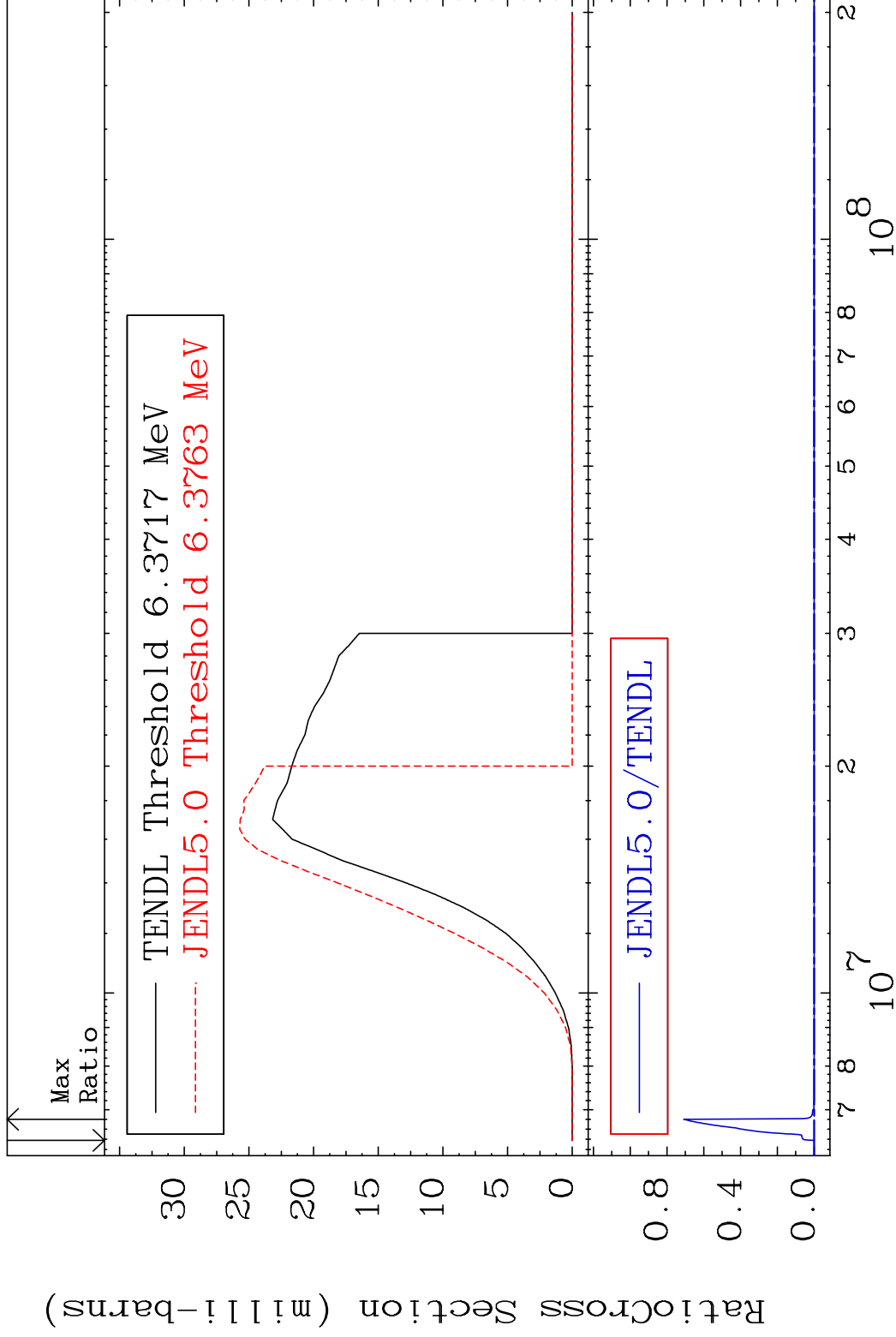
24-Cr-54

MAT 2437

(n,p)

24-Cr-54

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

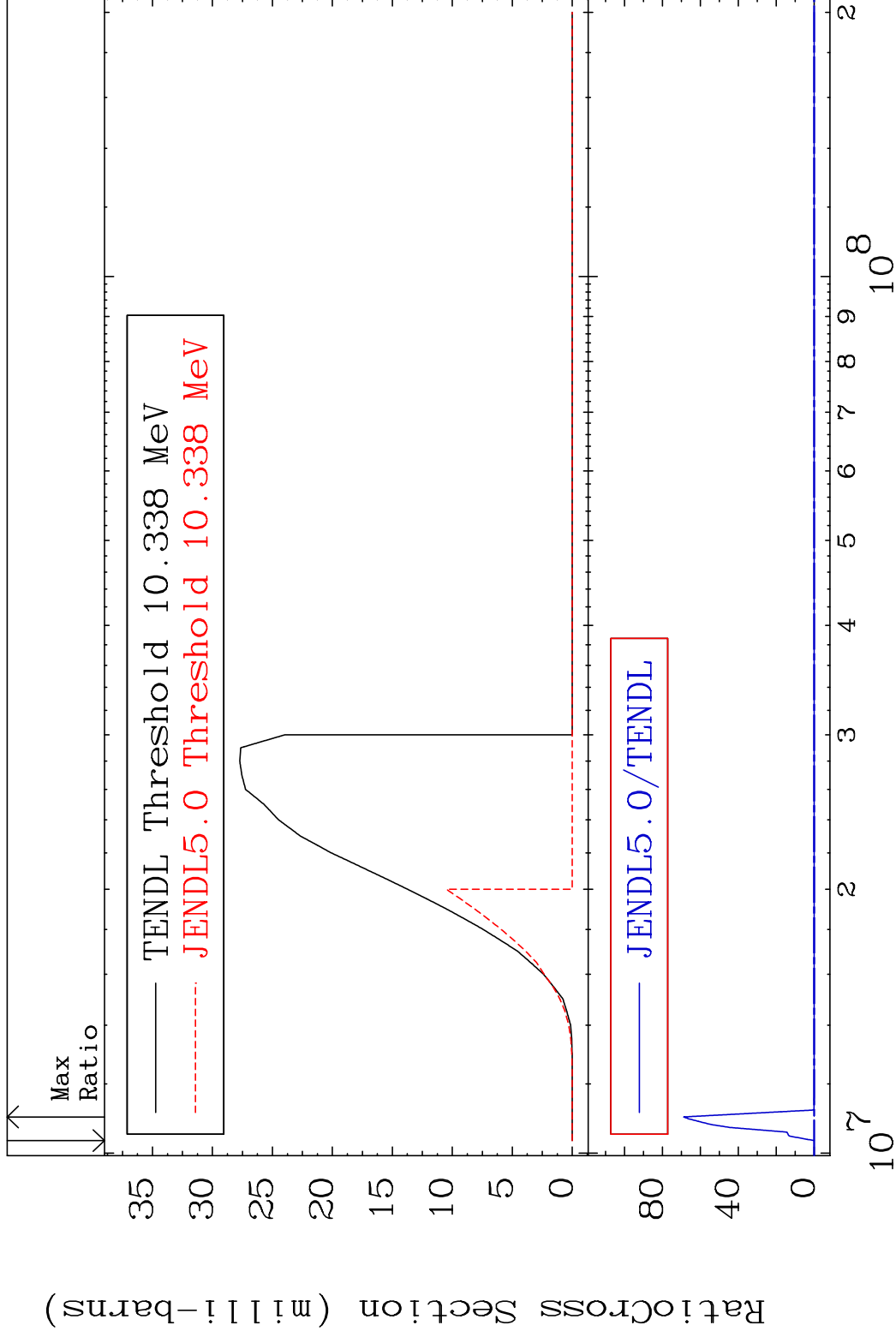
24-Cr-54

MAT 2437

(n,d)

²⁴Cr-54

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

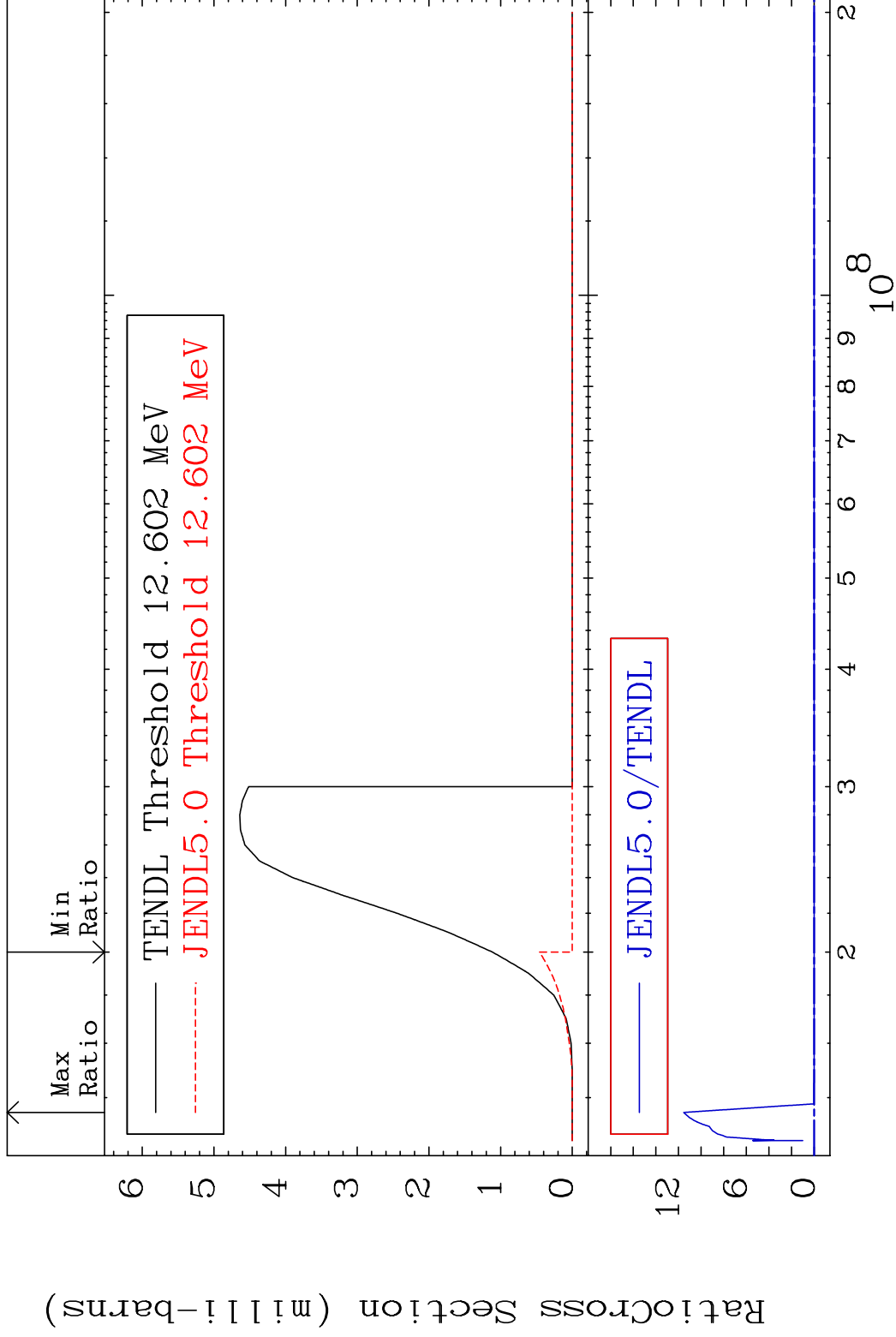
²⁴Cr-54

MAT 2437

(n, t)

24-Cr-54

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

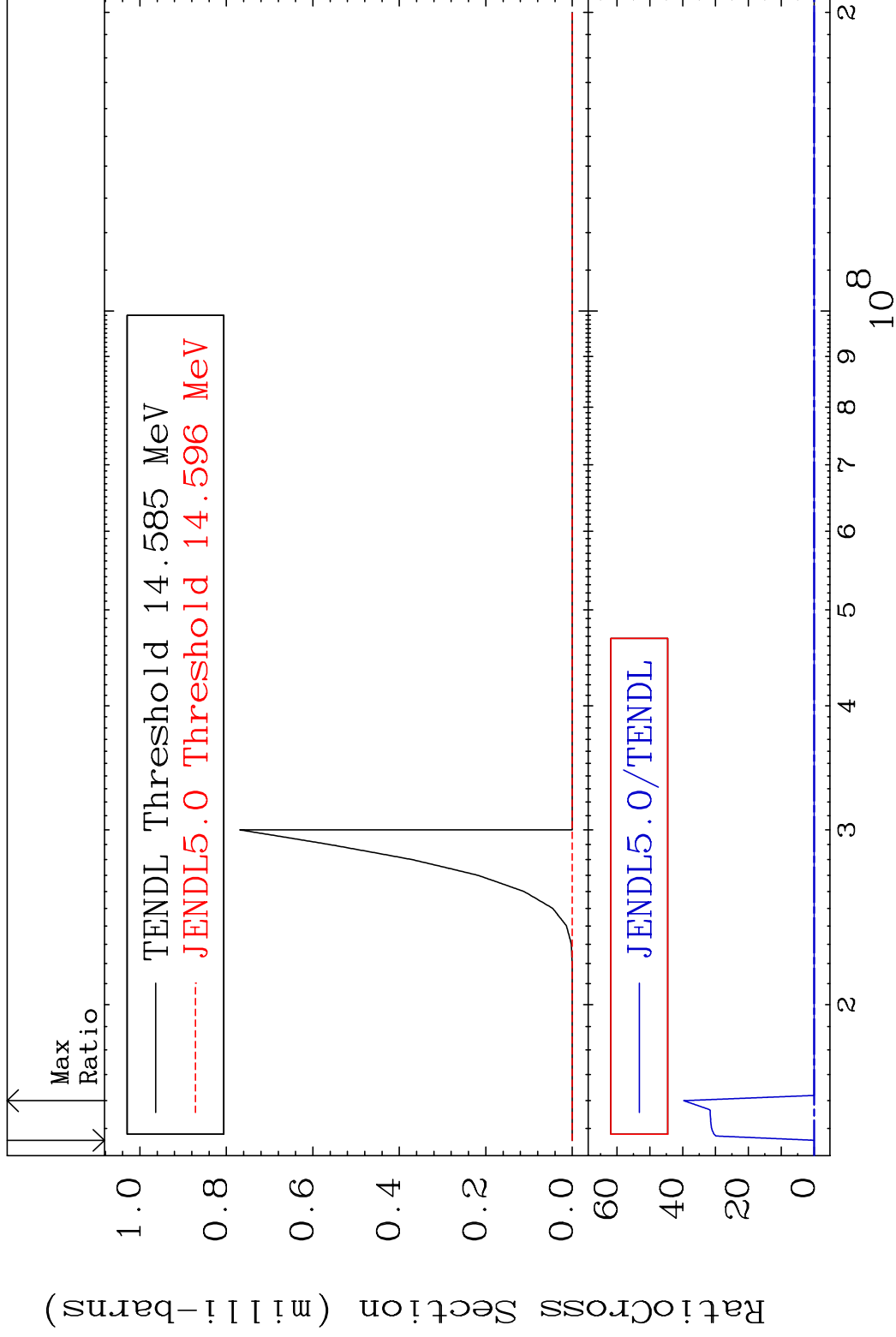
24-Cr-54

MAT 2437

(n, He-3)

²⁴Cr-54

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

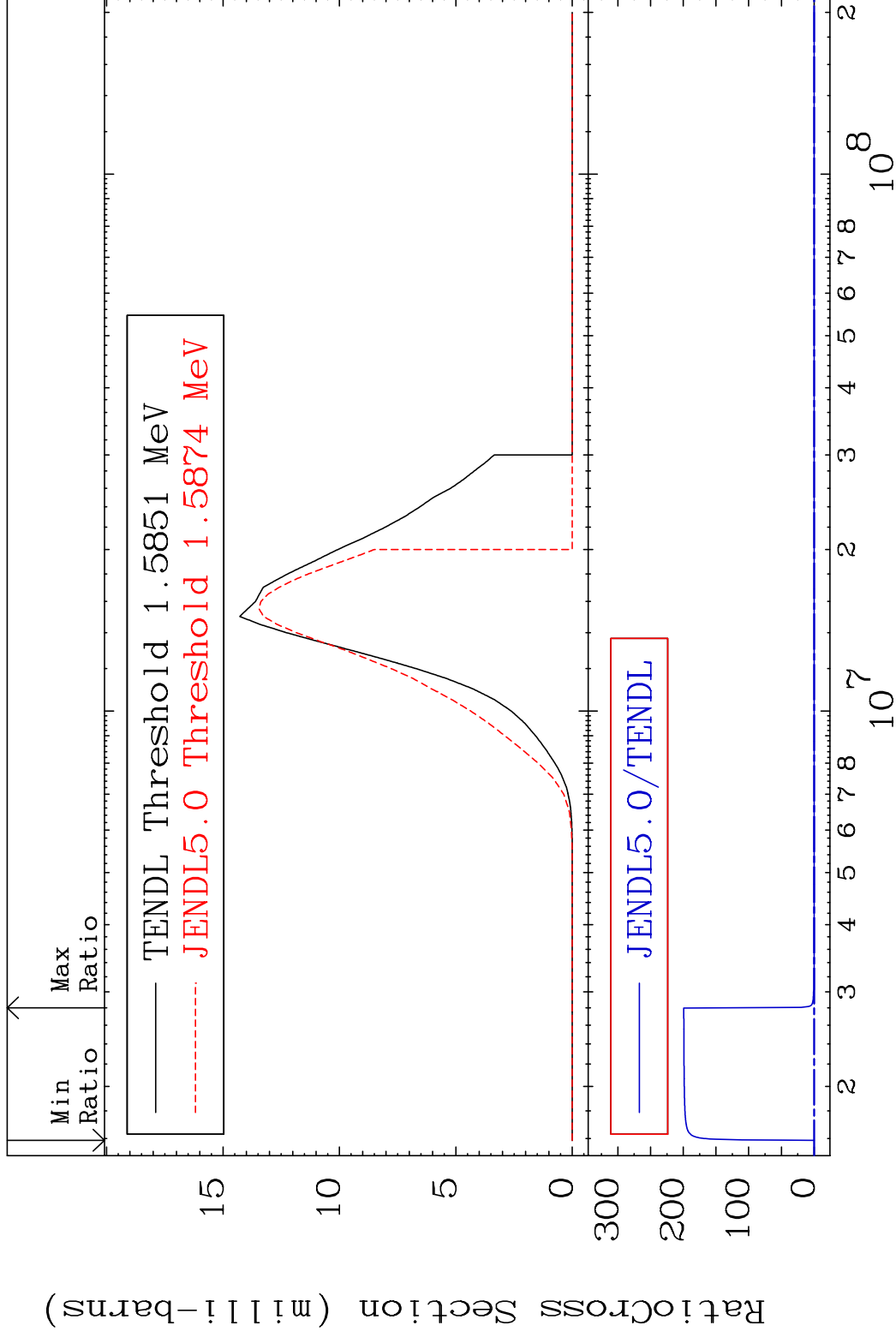
²⁴Cr-54

MAT 2437

(n, α)

²⁴Cr-54

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

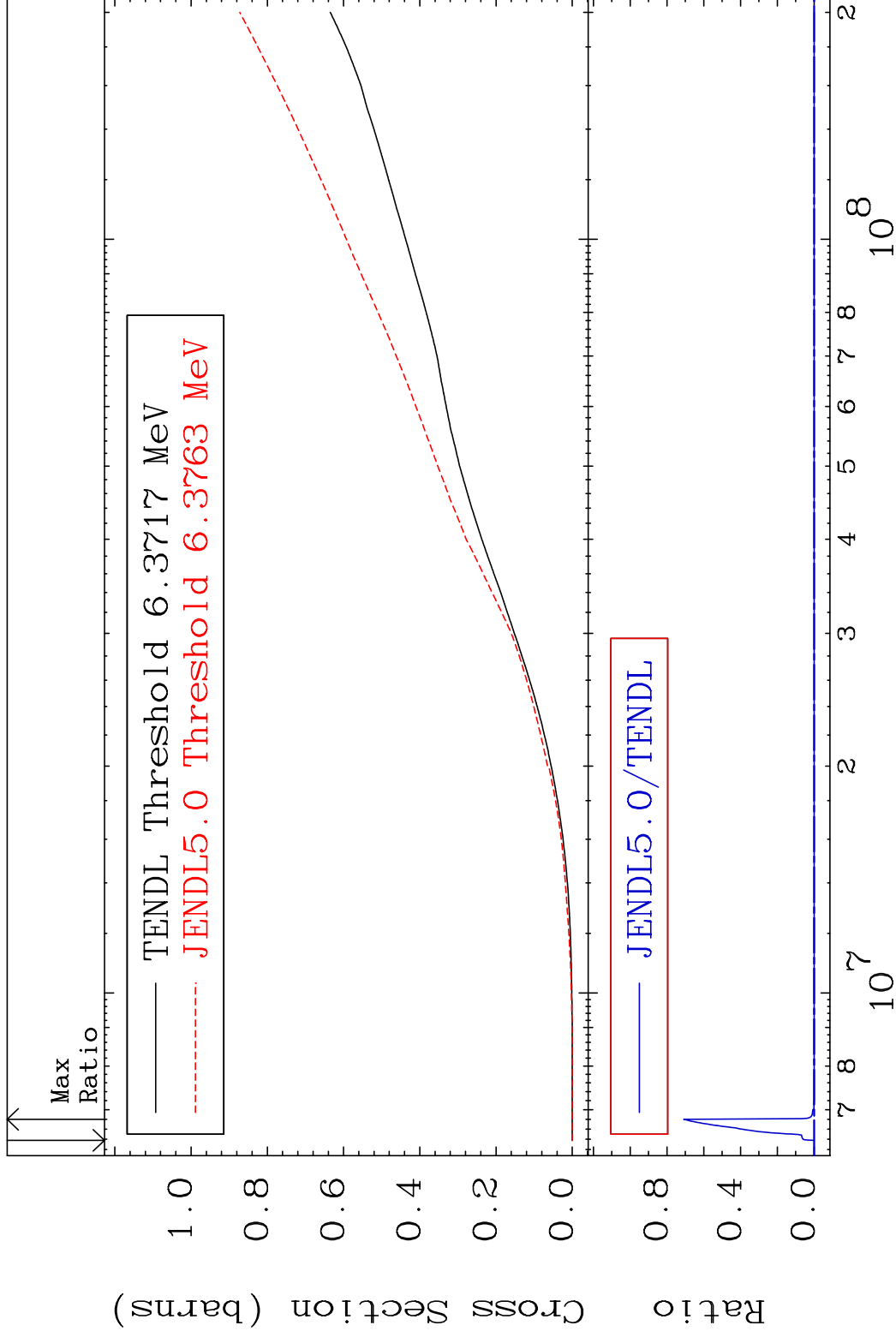
²⁴Cr-54

MAT 2437

Hydrogen Production

²⁴Cr-54

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

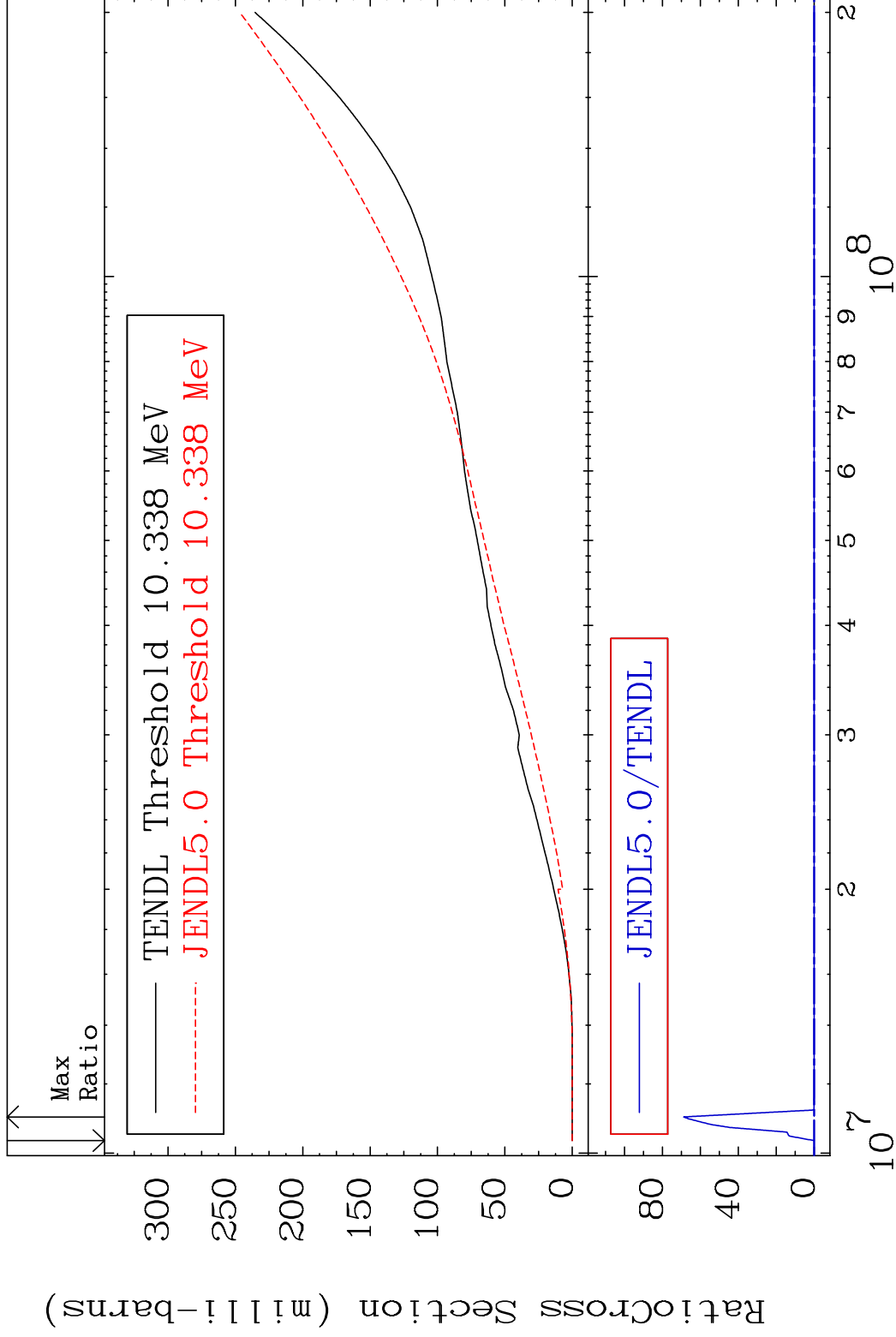
²⁴Cr-54

MAT 2437

Deuterium Production

²⁴Cr-54

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

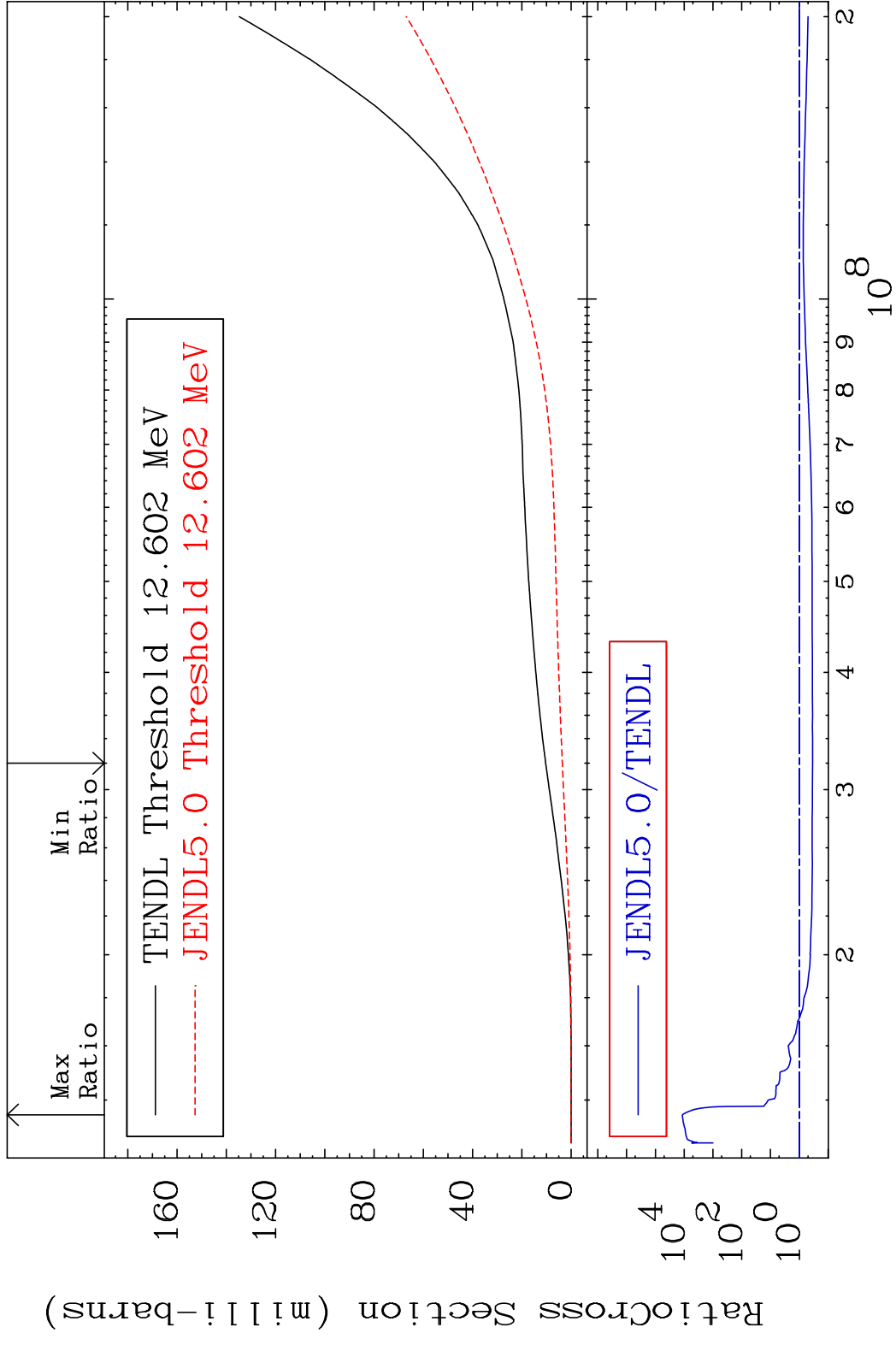
²⁴Cr-54

MAT 2437

Tritium Production

²⁴Cr-54

Cross Section -65.43 To 9999. %



48

Incident Energy (eV)

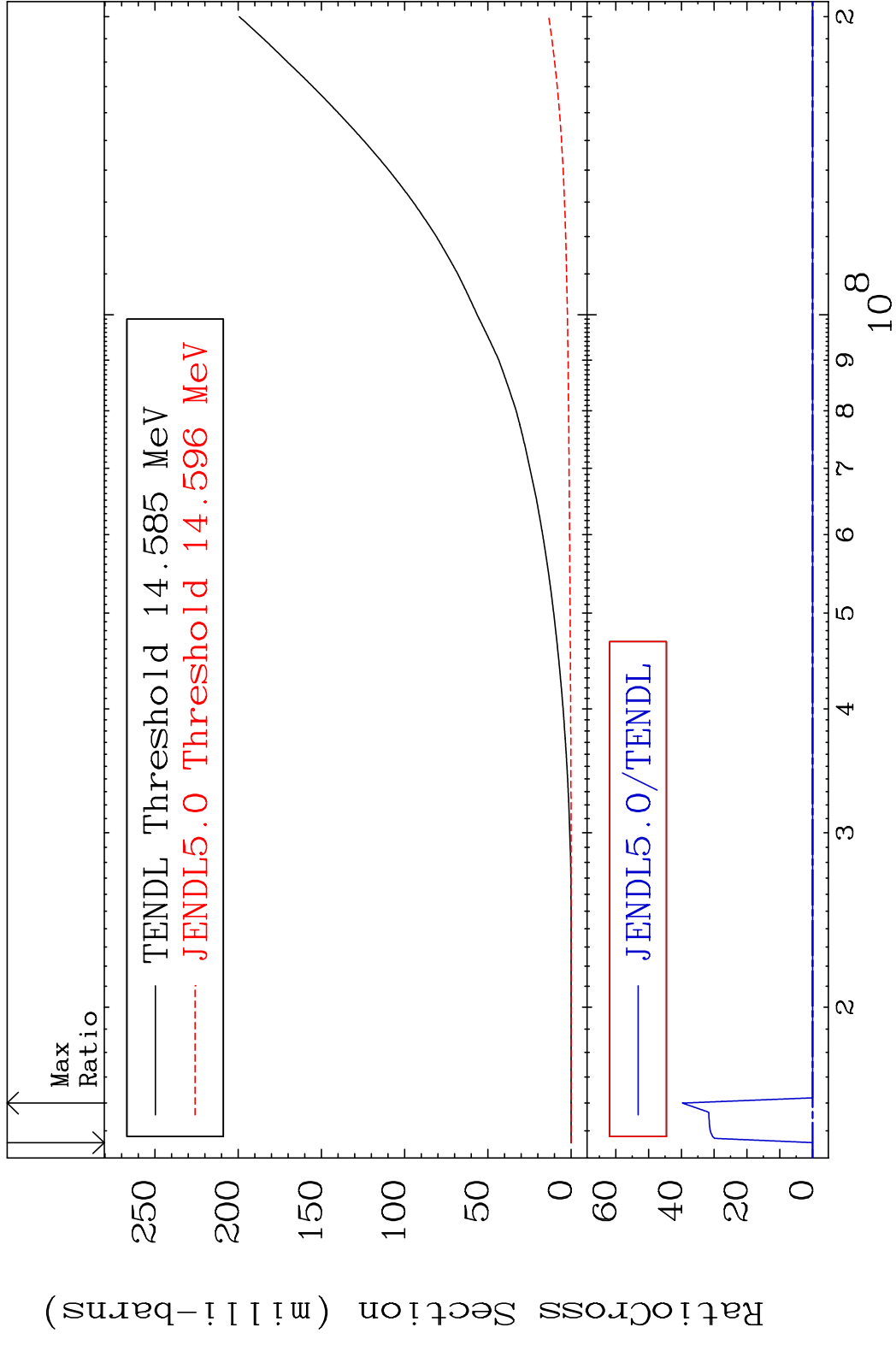
²⁴Cr-54

MAT 2437

He-3 Production

²⁴Cr-54

Cross Section -100.0 To 9999. %

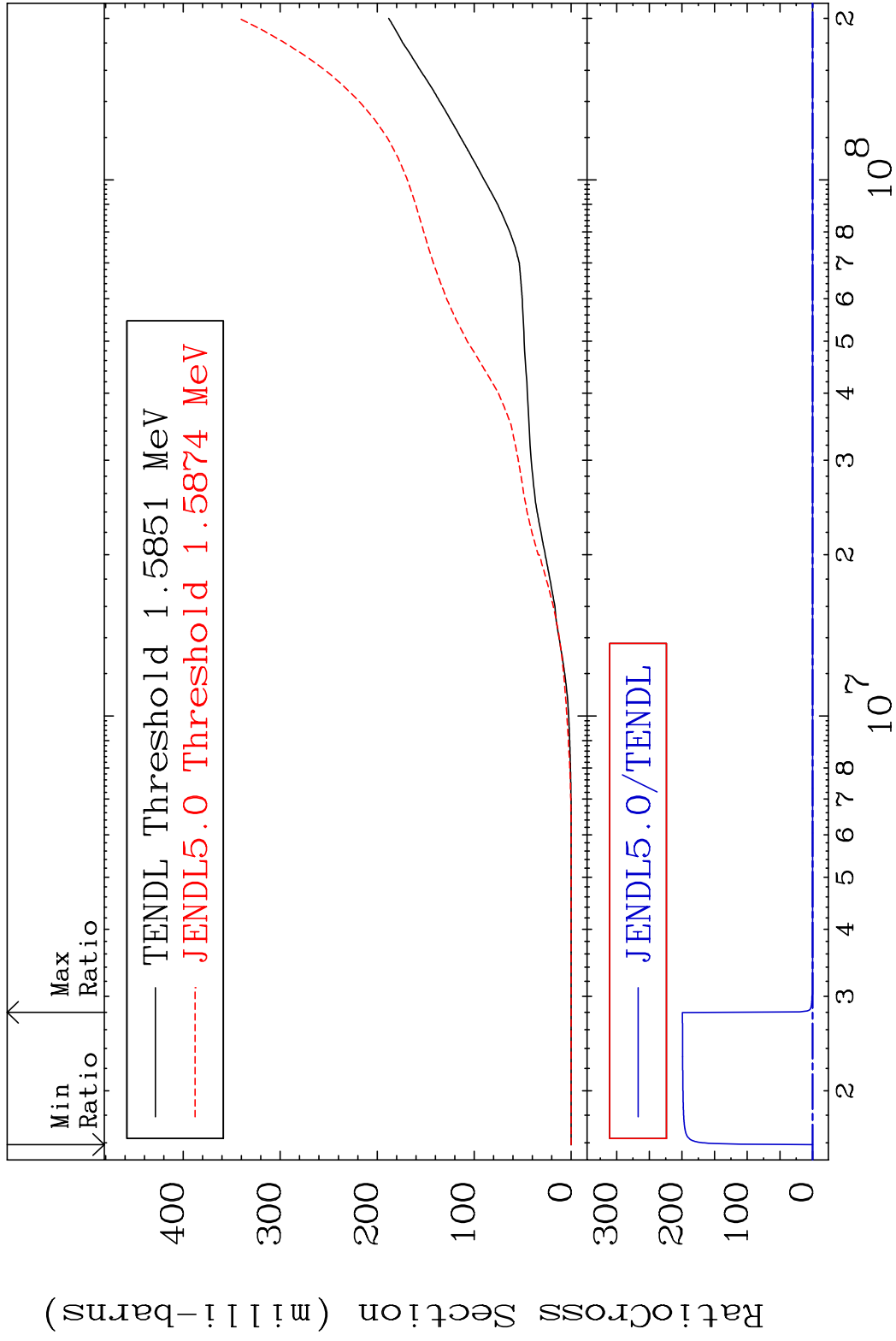


MAT 2437

He-4 Production

²⁴Cr-54

Cross Section -100.0 To 9999. %

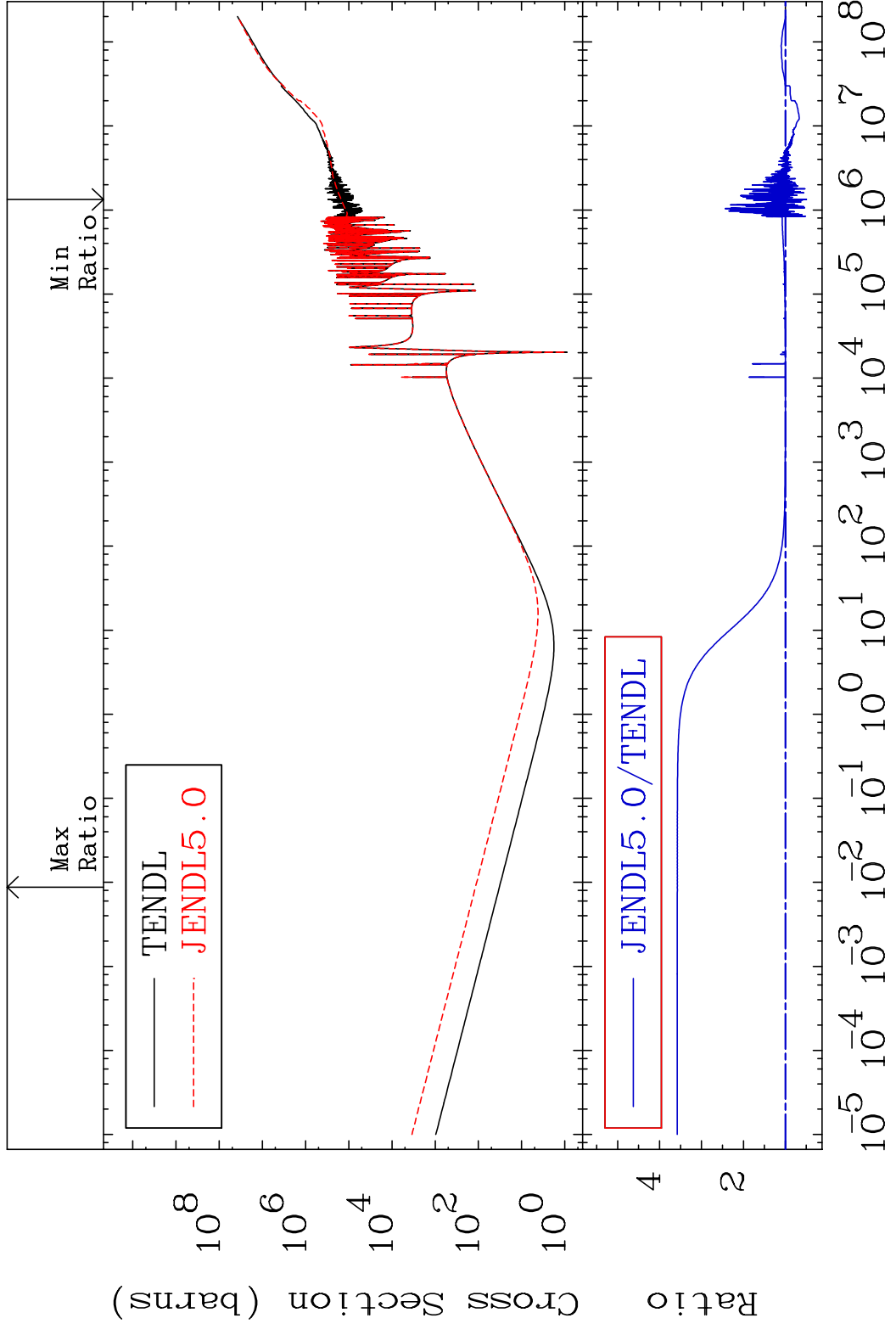


50

Incident Energy (eV)

²⁴Cr-54

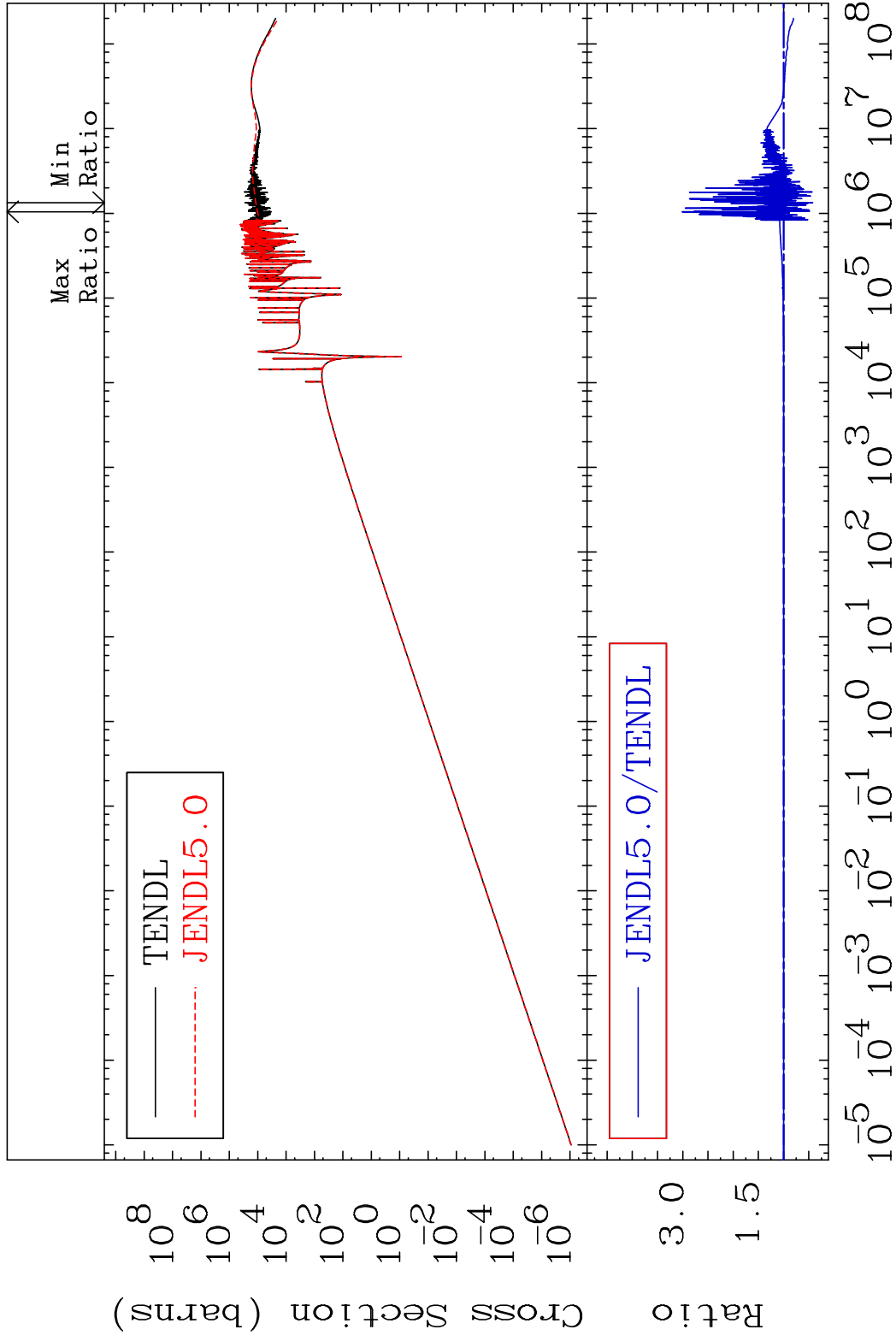
MAT 2437 Kerma total (eV-barns) 24-Cr-54
 Cross Section -50.18 To 258.0 %



MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-57.46 To 200.8 %

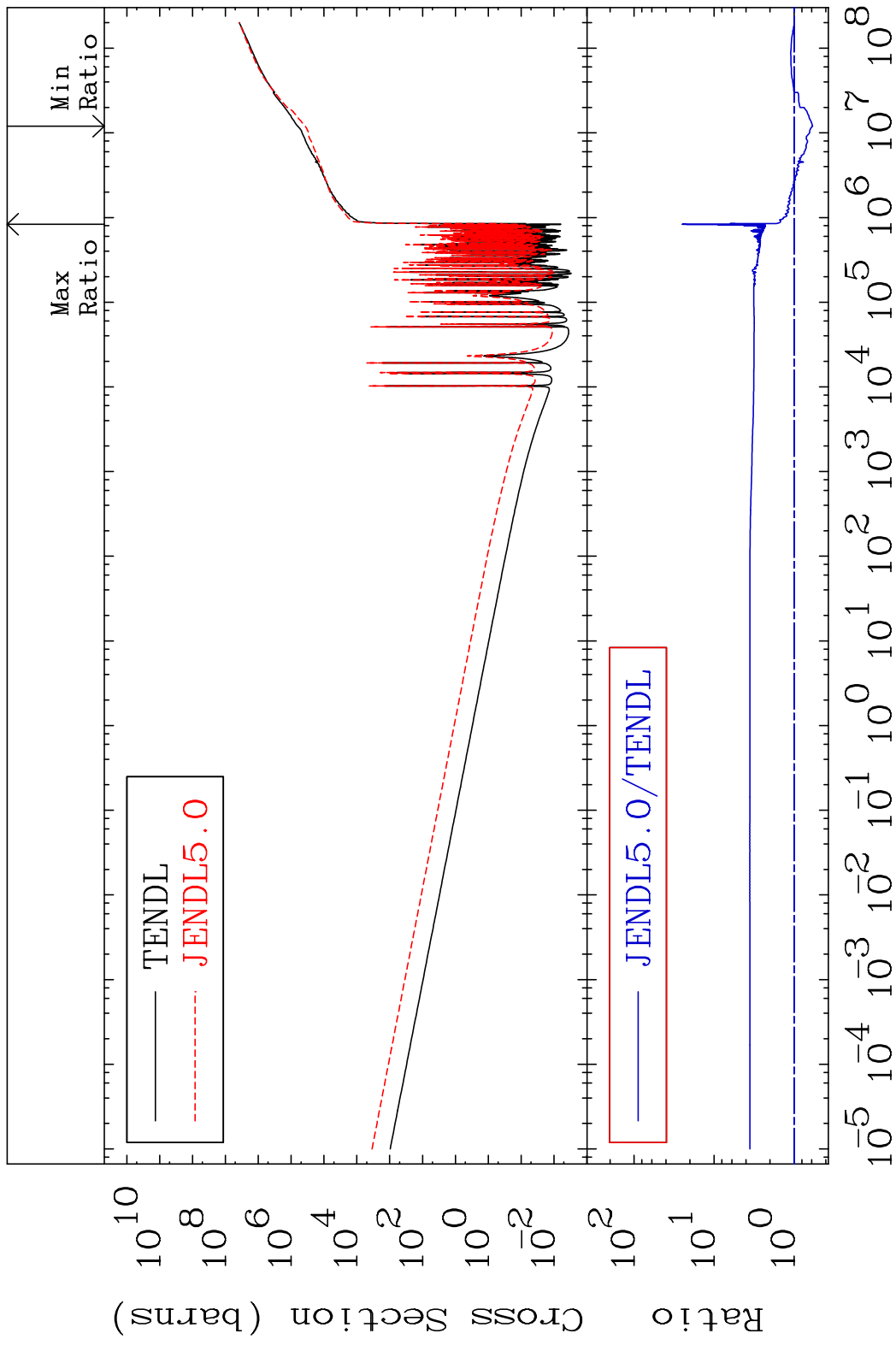


52

Incident Energy (eV)

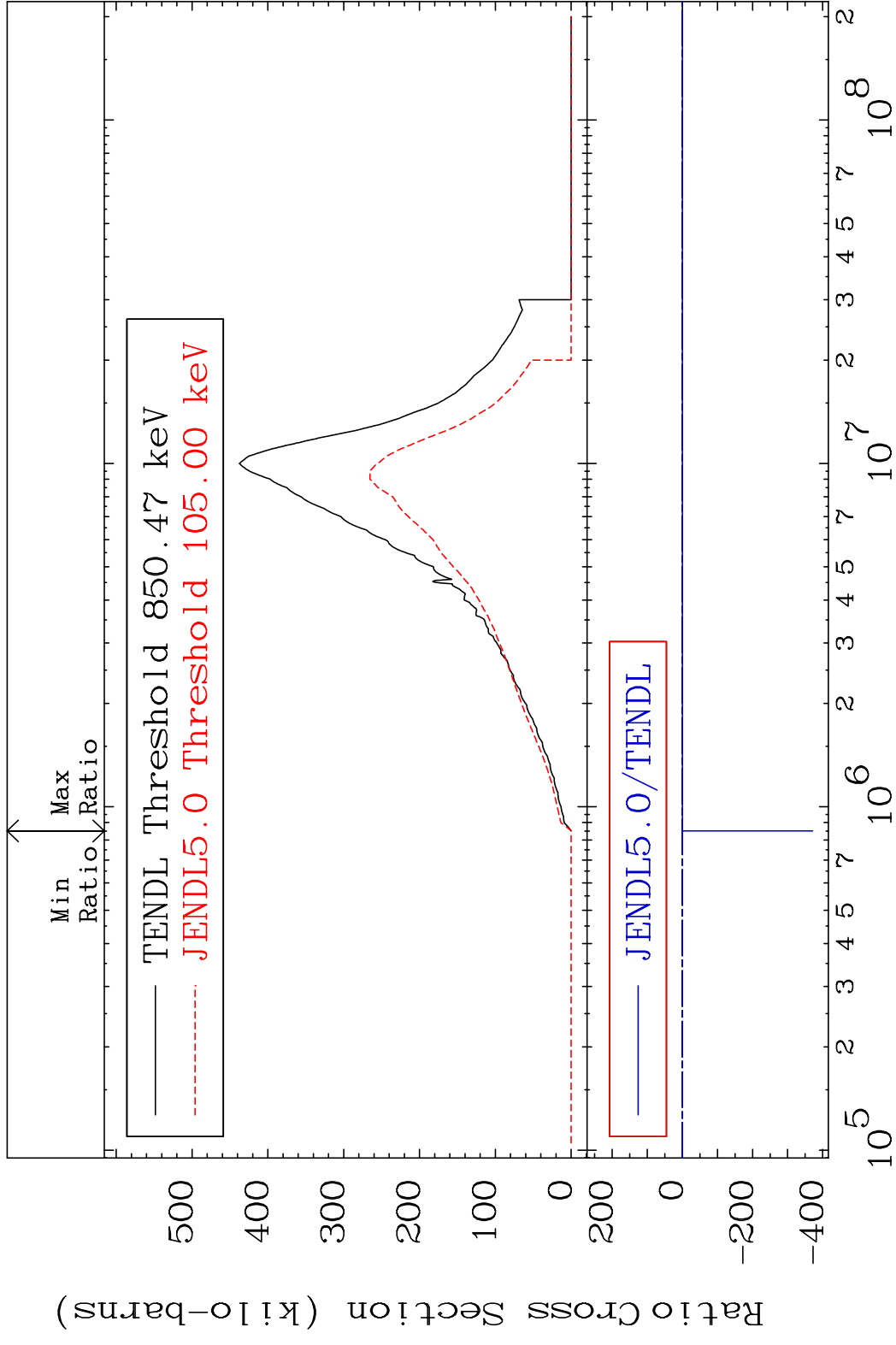
24-Cr-54

MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
 Cross Section -41.34 To 2394. %



MAT 2437

Kerma inelastic (mt51-91) 24-Cr-54
Cross Section -9999. To 65.66 %

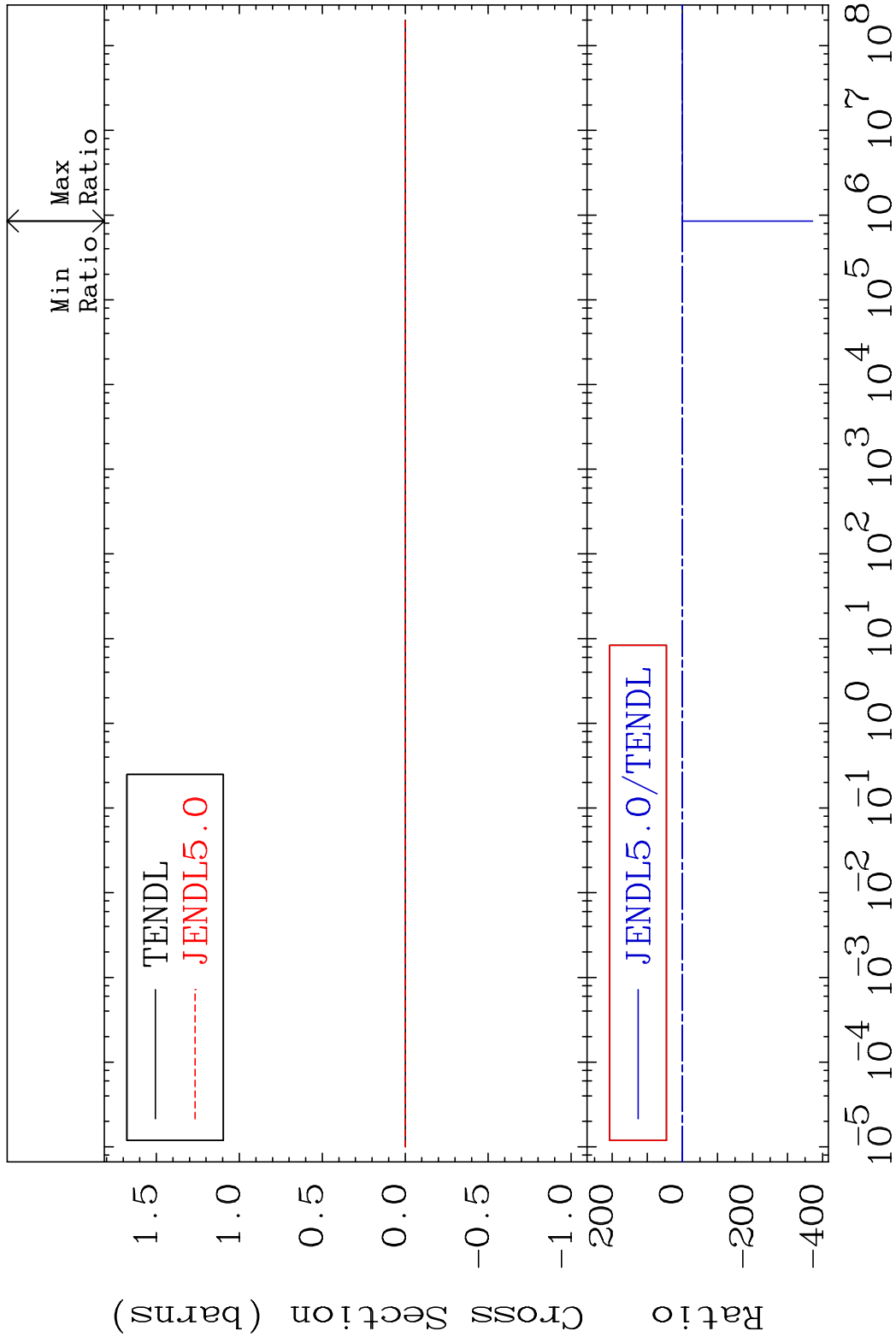


54

Incident Energy (eV)

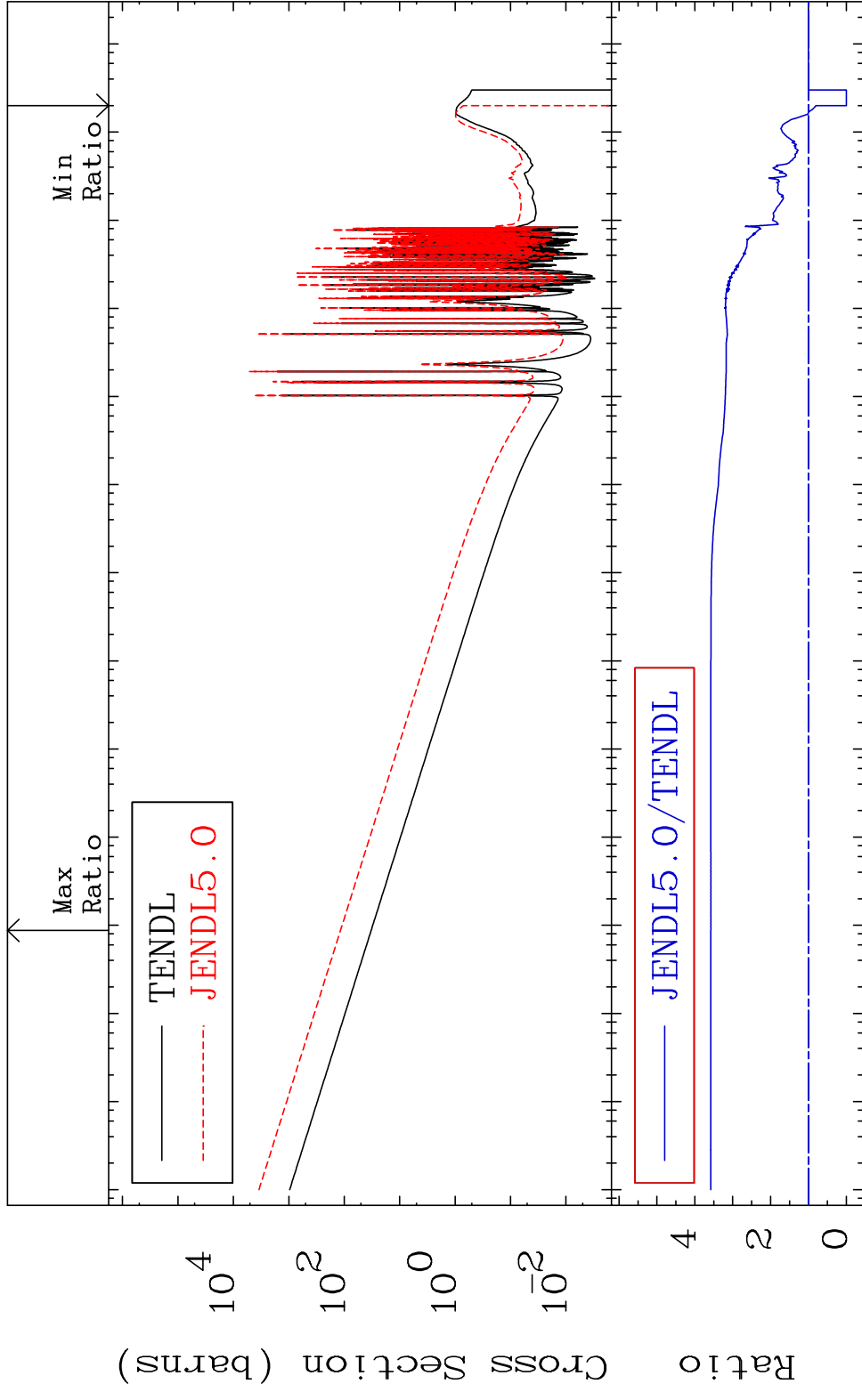
24-Cr-54

MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54
 Cross Section -9999. To 65.66 %



MAT 2437

Kerma capture (mt102) 24-Cr-54
Cross Section -100.0 To 258.0 %



56

Incident Energy (eV)

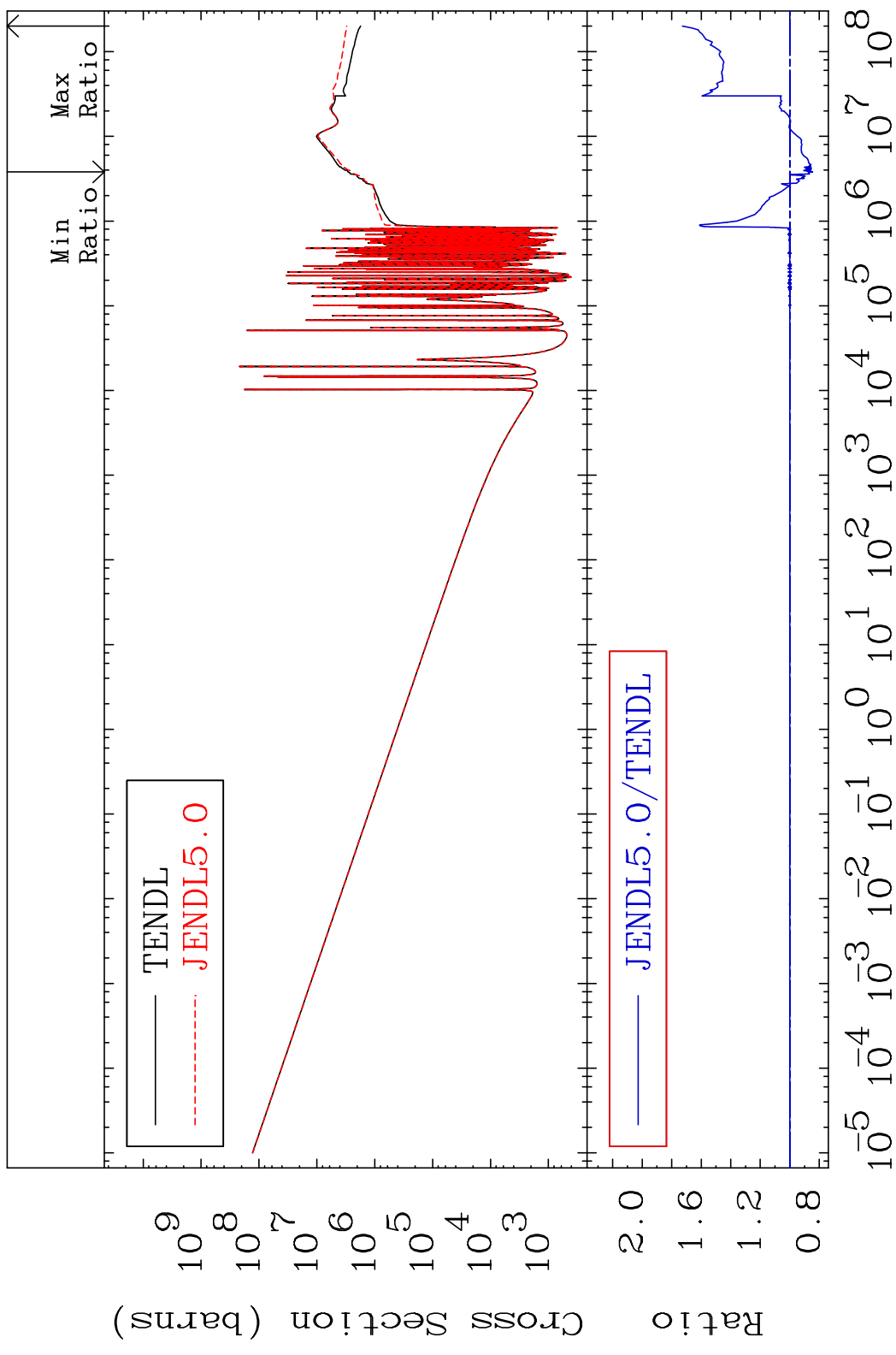
24-Cr-54

MAT 2437

Total photon (eV-barns)

24-Cr-54

Cross Section -15.43 To 72.79 %

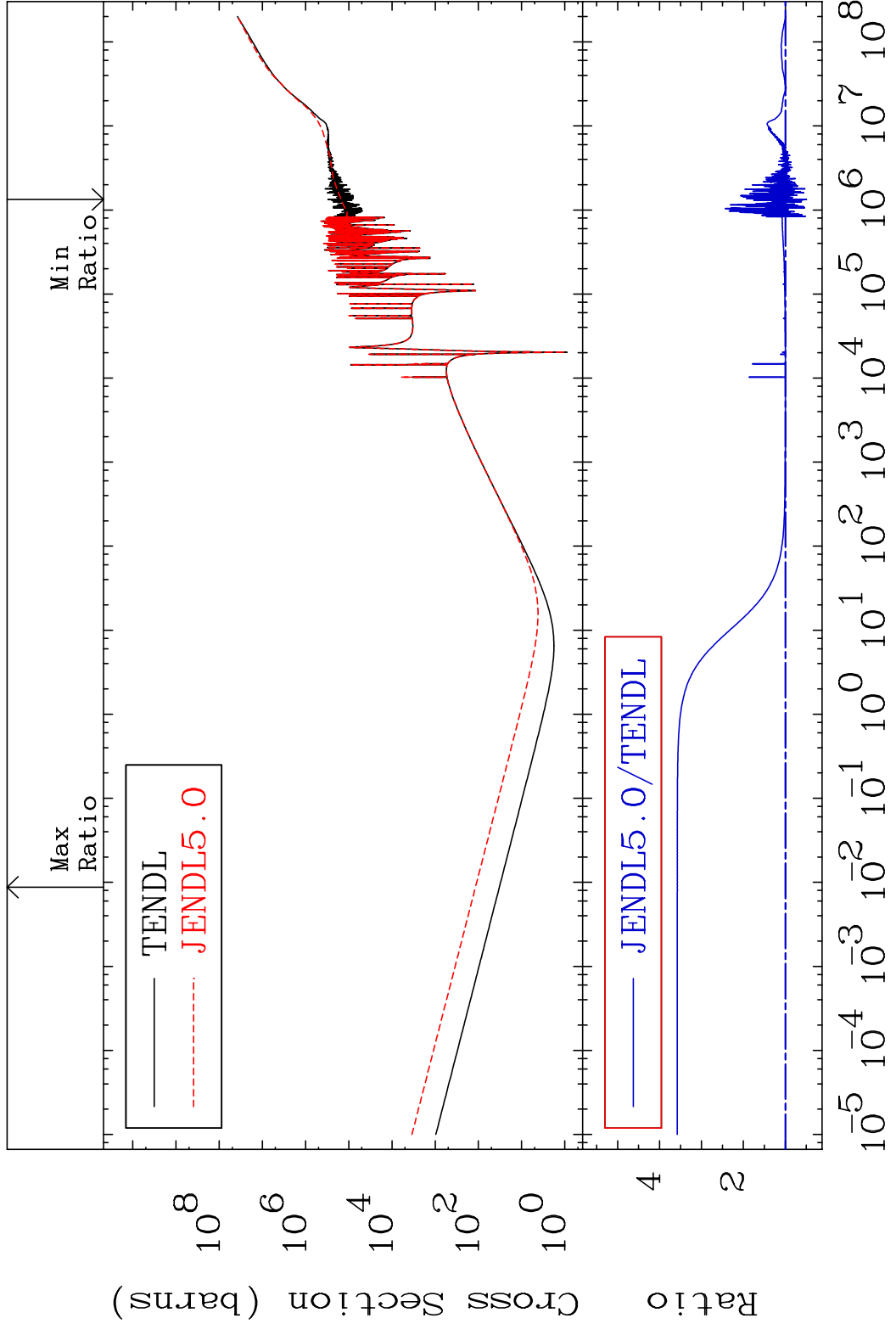


57

Incident Energy (eV)

24-Cr-54

MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
 Cross Section -50.24 To 258.0 %

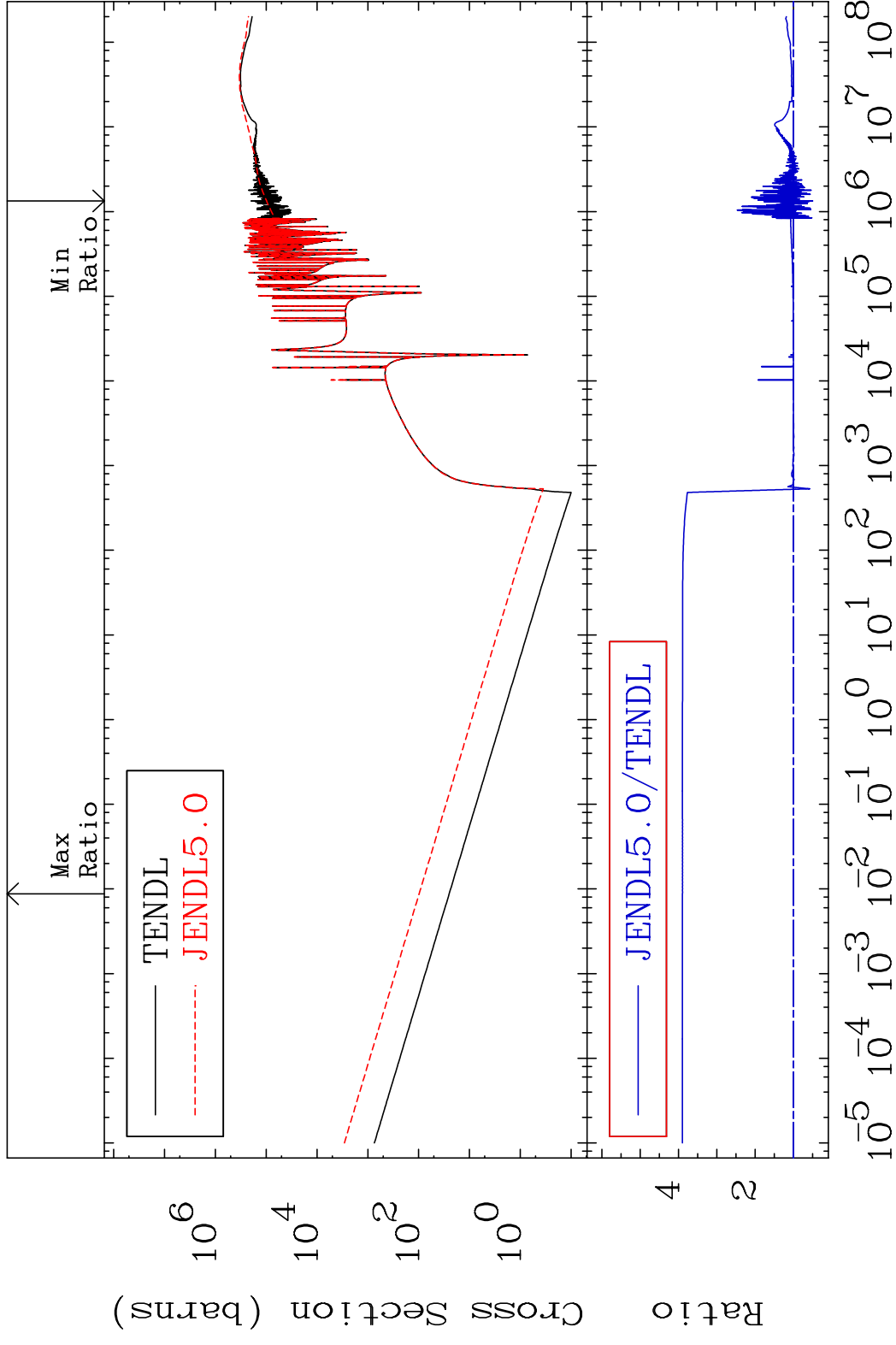


MAT 2437

Dpa total (eV-barns)

24-Cr-54

Cross Section -49.89 To 290.0 %



59

Incident Energy (eV)

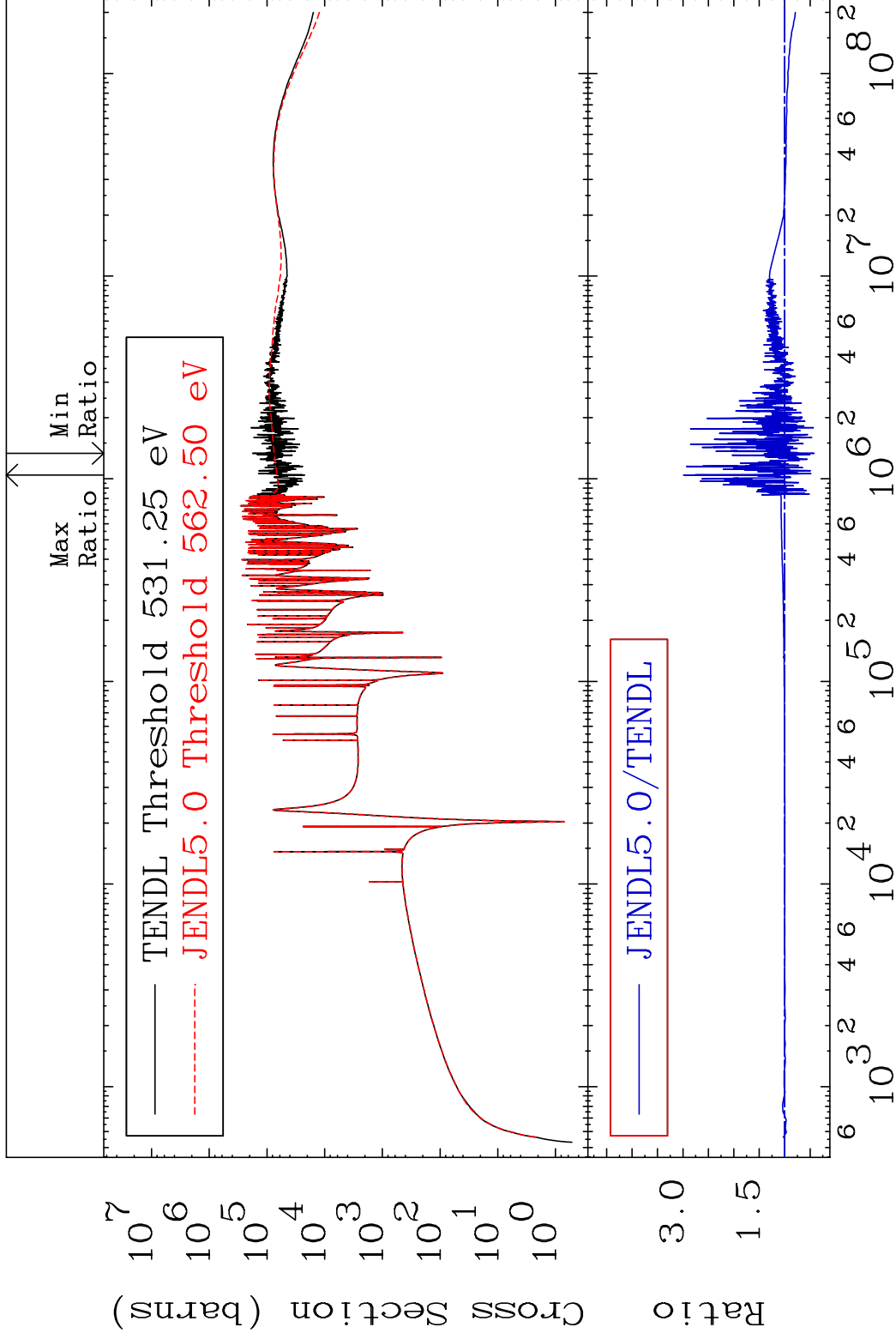
24-Cr-54

MAT 2437

Dpa elastic (mt2)

²⁴Cr-54

Cross Section -57.72 To 199.0 %



60

Incident Energy (eV)

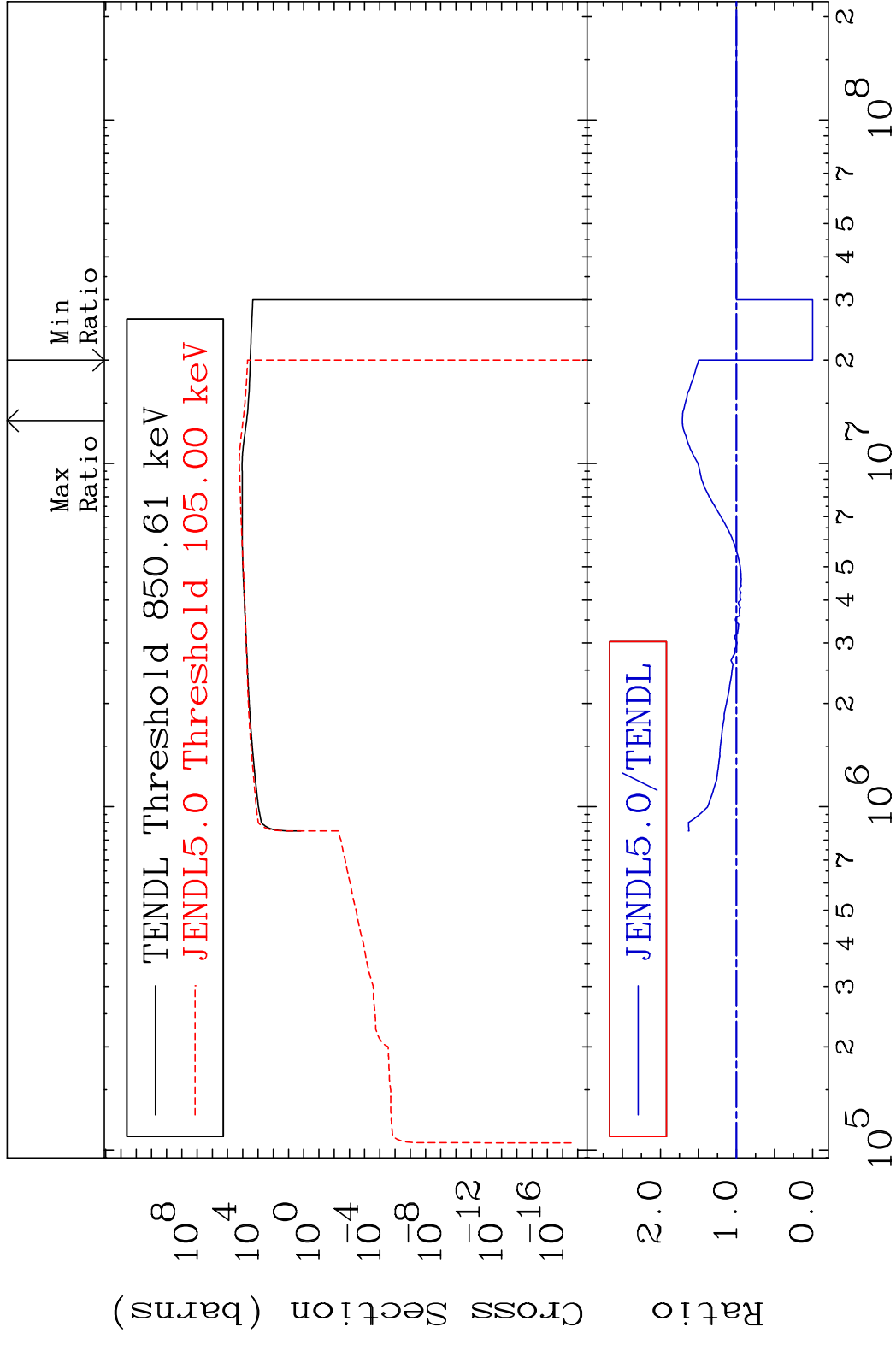
²⁴Cr-54

MAT 2437

Dpa inelastic (mt51-91)

24-Cr-54

Cross Section -100.0 To 71.13 %



61

Incident Energy (eV)

24-Cr-54

MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54
 Cross Section -100.0 To 290.0 %

