

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

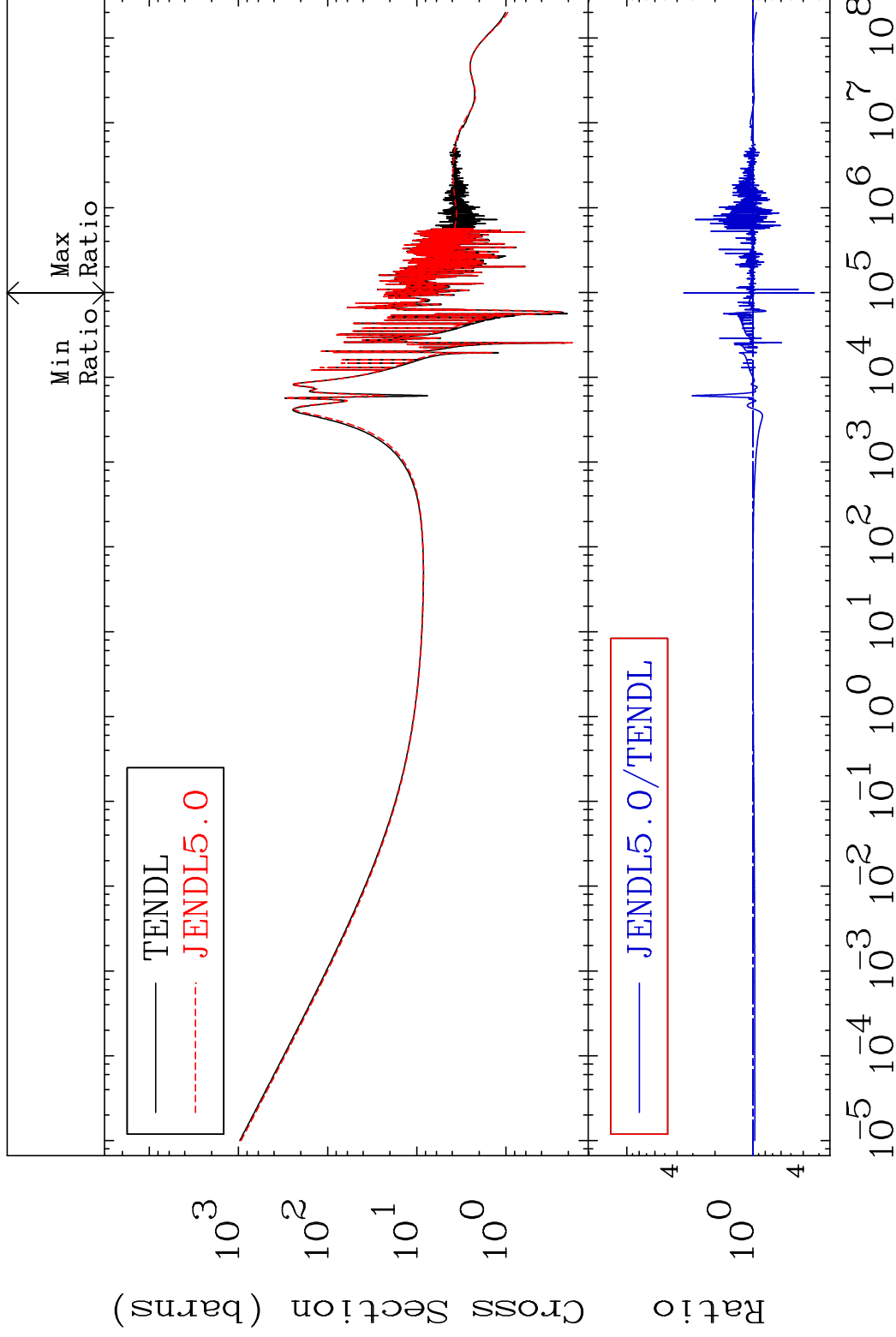
MAT 2434

Total

24-Cr-53

Cross Section

-67.25 To 254.4 %



1

Incident Energy (eV)

24-Cr-53

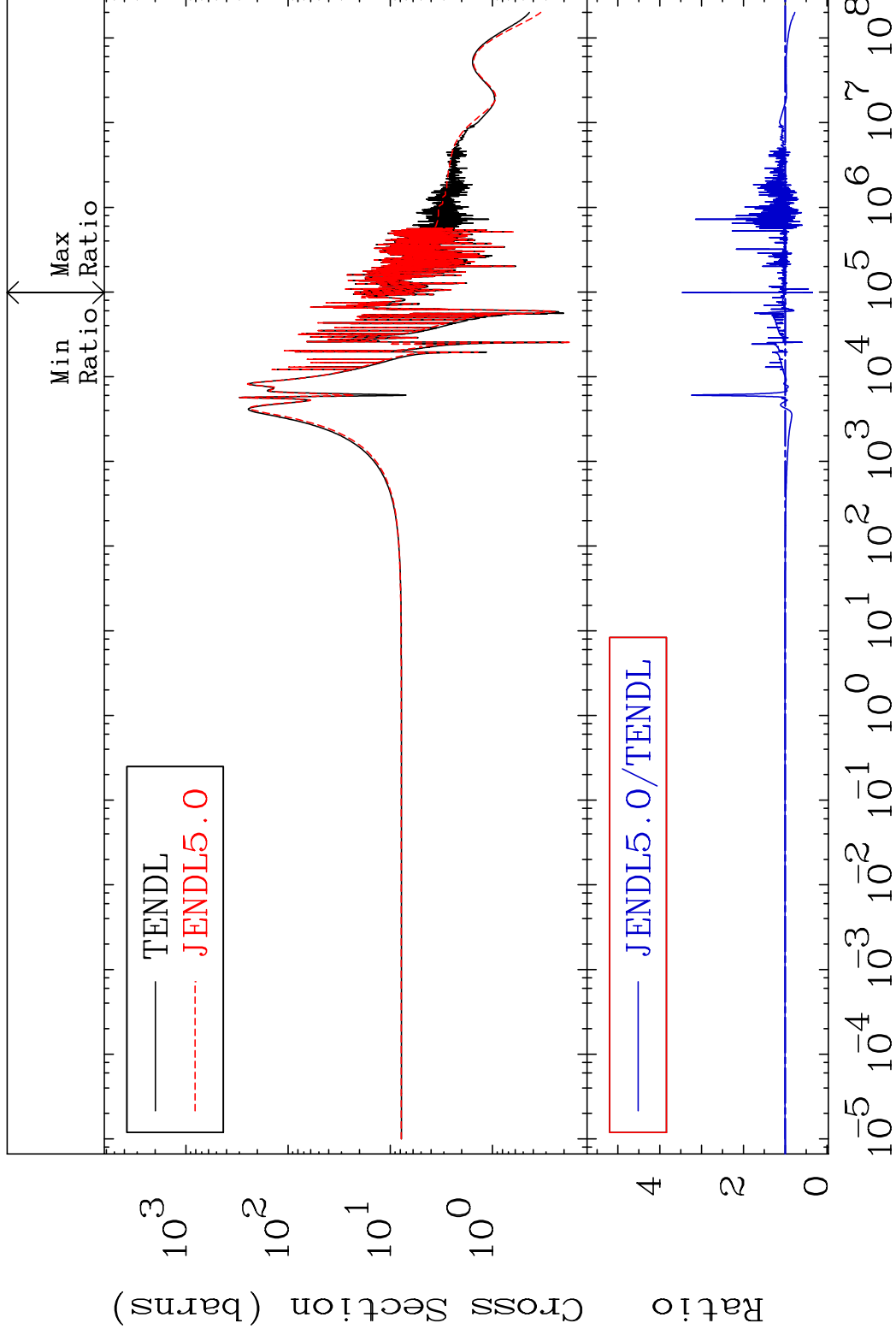
MAT 2434

Elastic

24-Cr-53

Cross Section

-65.35 To 246.0 %



2

Incident Energy (eV)

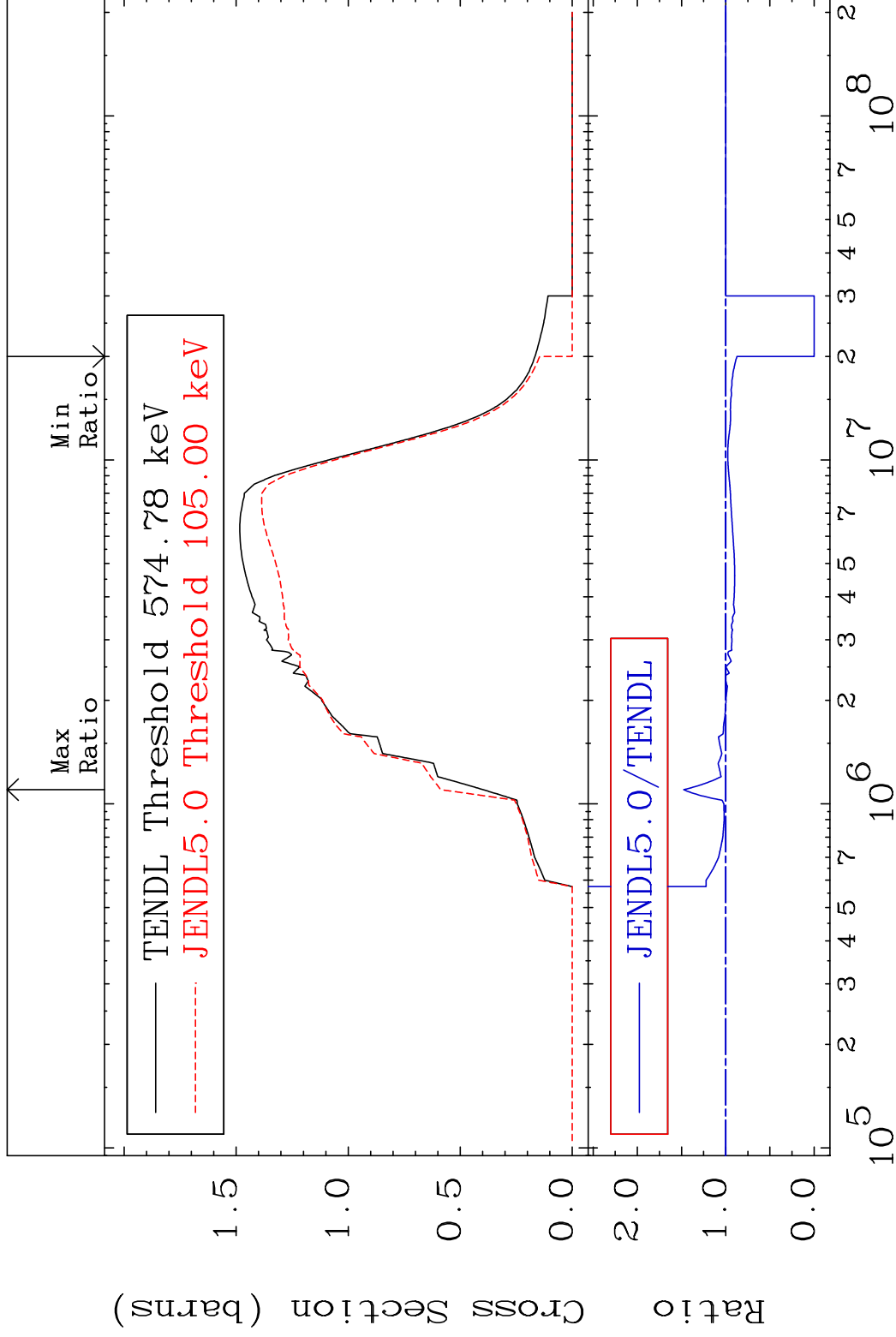
24-Cr-53

MAT 2434

Inelastic

²⁴Cr-53

Cross Section -100.0 To 47.60 %

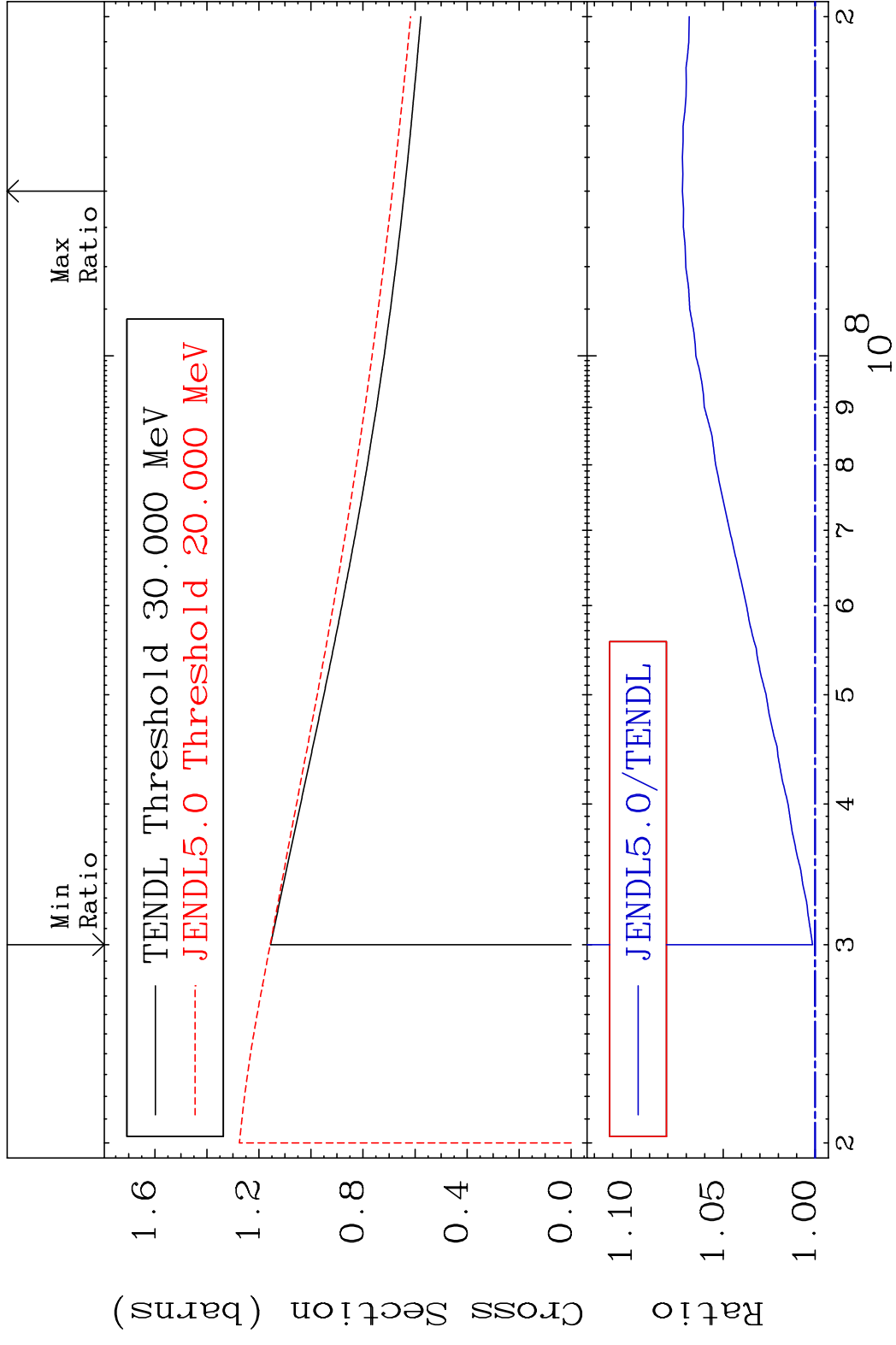


3

Incident Energy (eV)

²⁴Cr-53

MAT 2434 (n, remainder) 24-Cr-53
 Cross Section 0.140 To 7.214 %



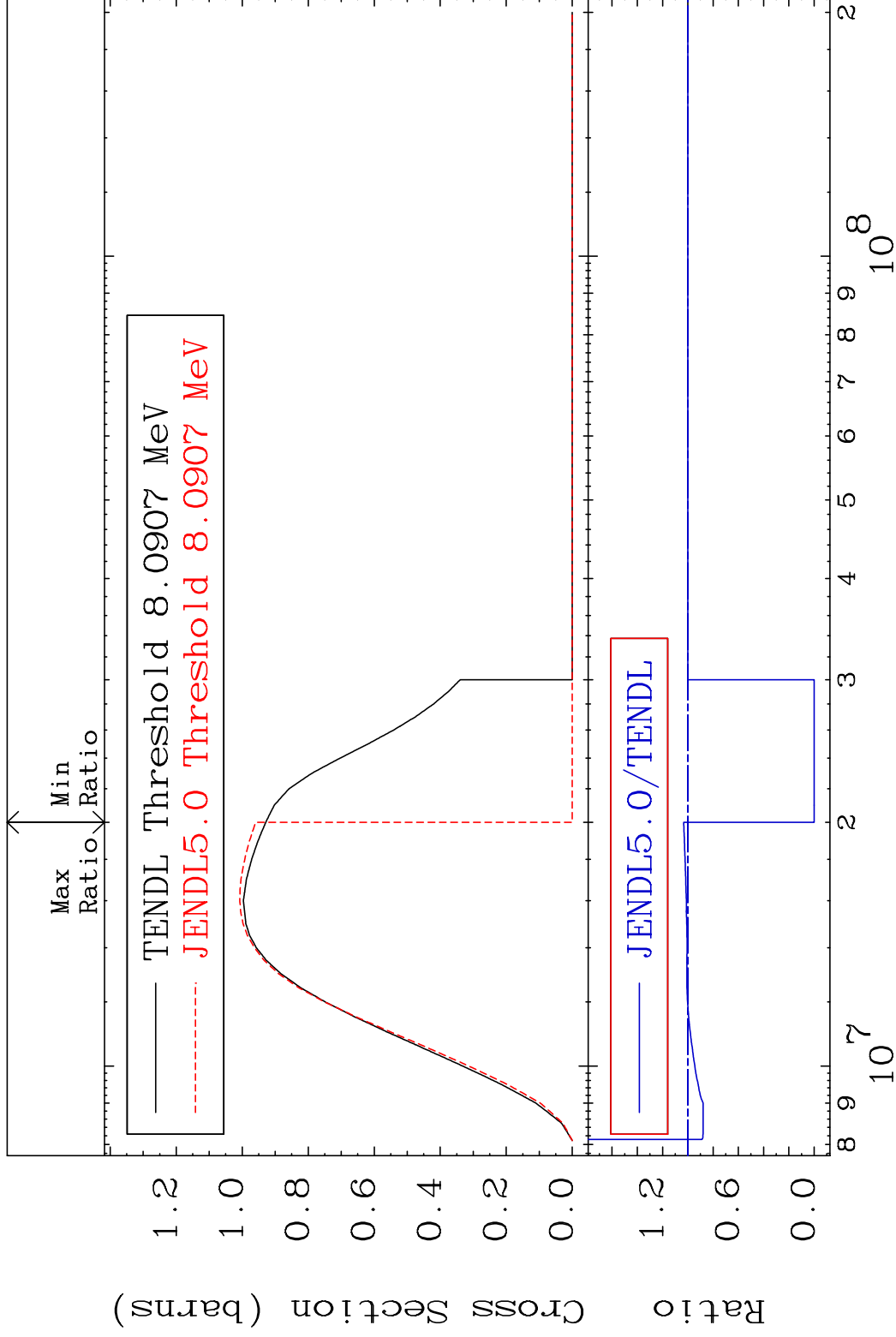
4 Incident Energy (eV) 24-Cr-53

MAT 2434

(n,2n)

²⁴Cr-53

Cross Section -100.0 To 3.303 %



5

Incident Energy (eV)

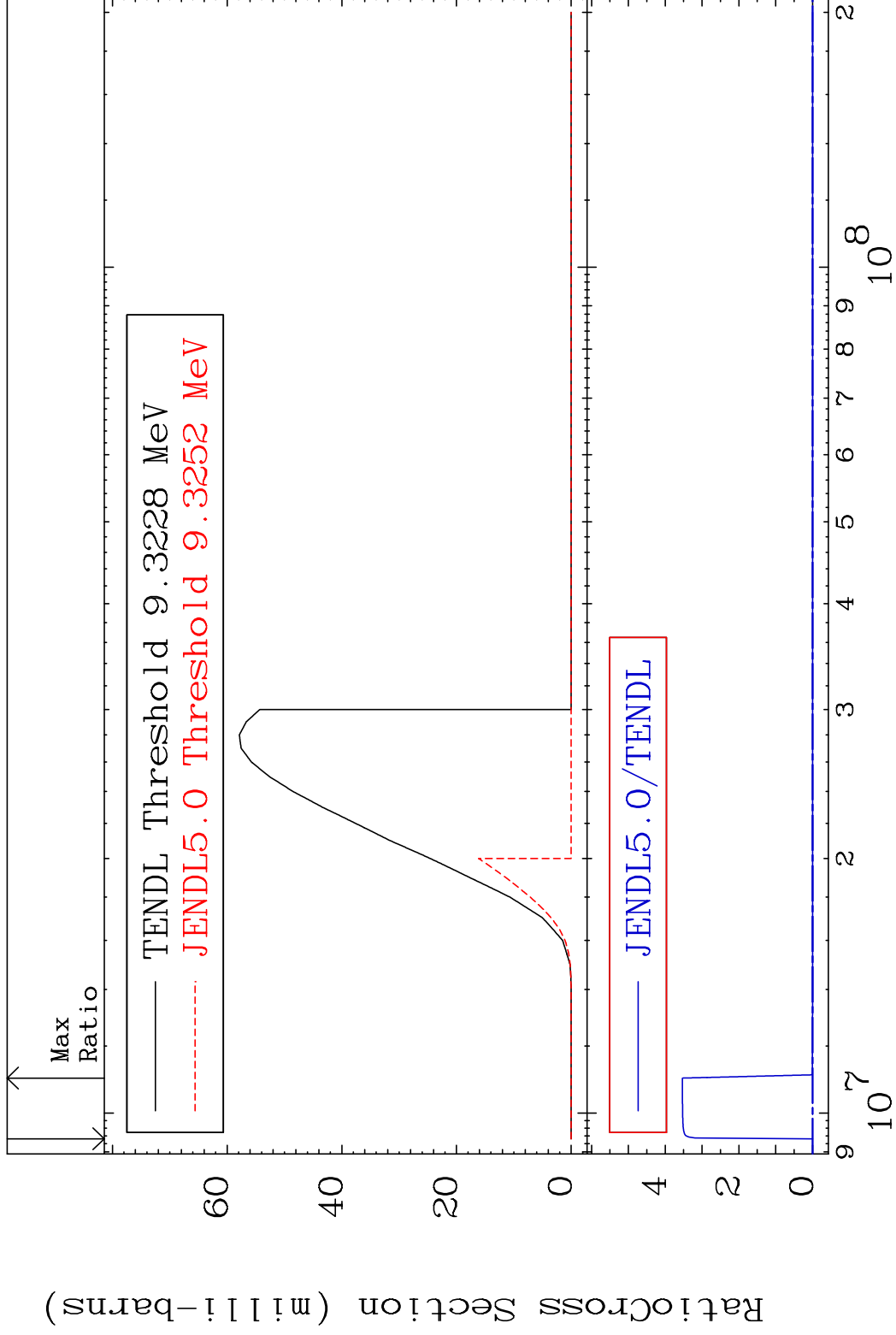
²⁴Cr-53

MAT 2434

(n, n') α

24-Cr-53

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

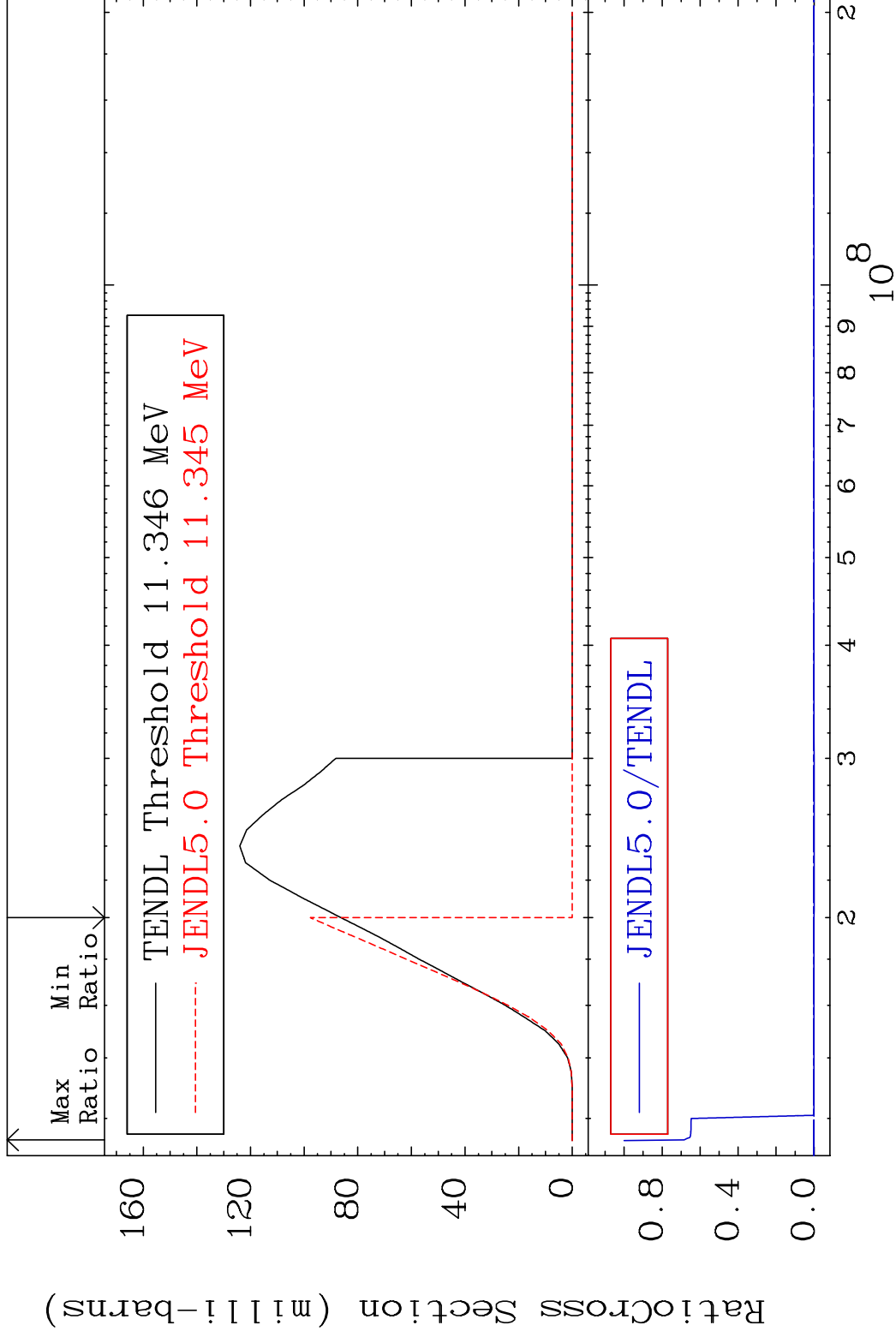
24-Cr-53

MAT 2434

(n, n') p

²⁴Cr-53

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

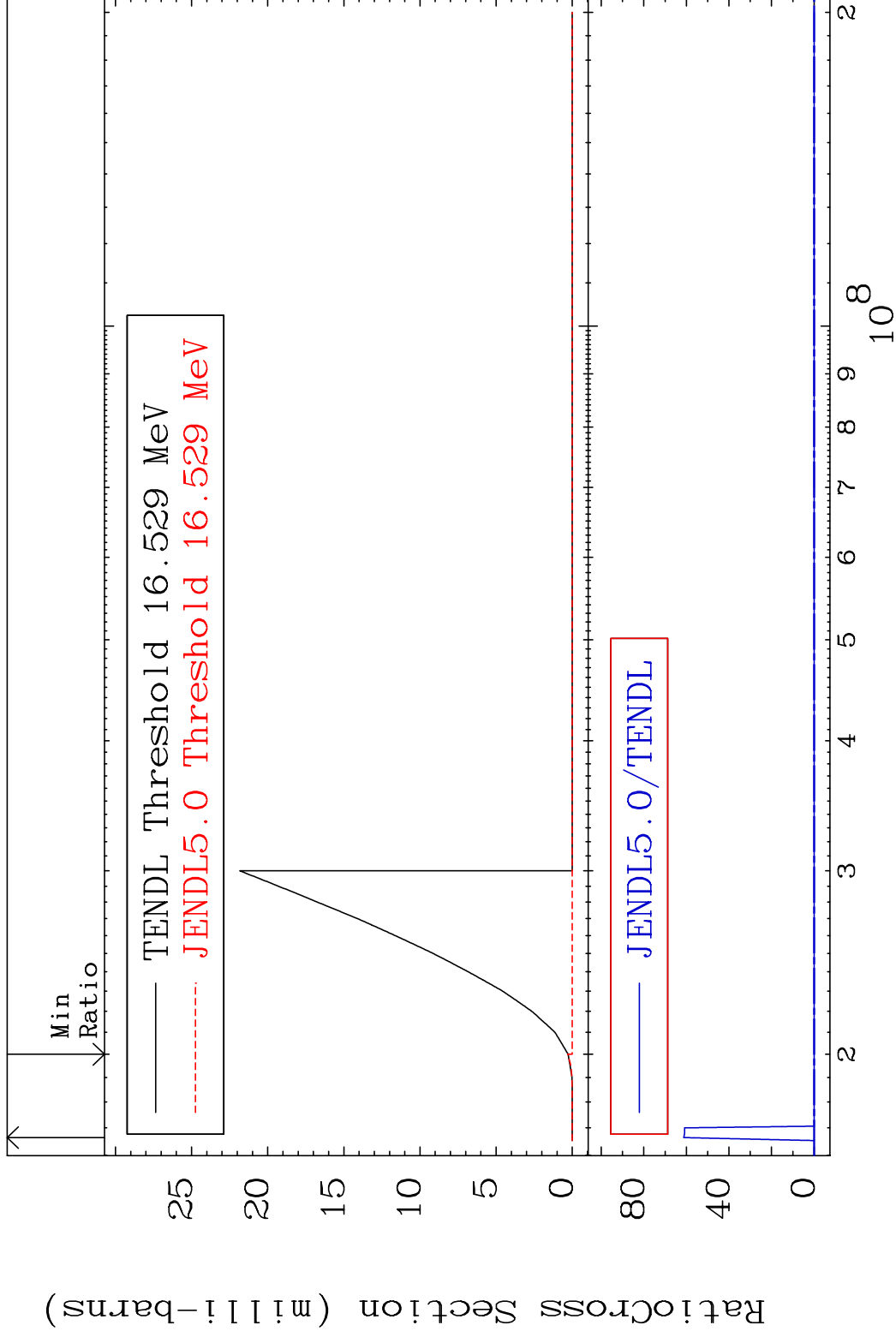
²⁴Cr-53

MAT 2434

(n, n') d

24-Cr-53

Cross Section -100.0 To 9999. %

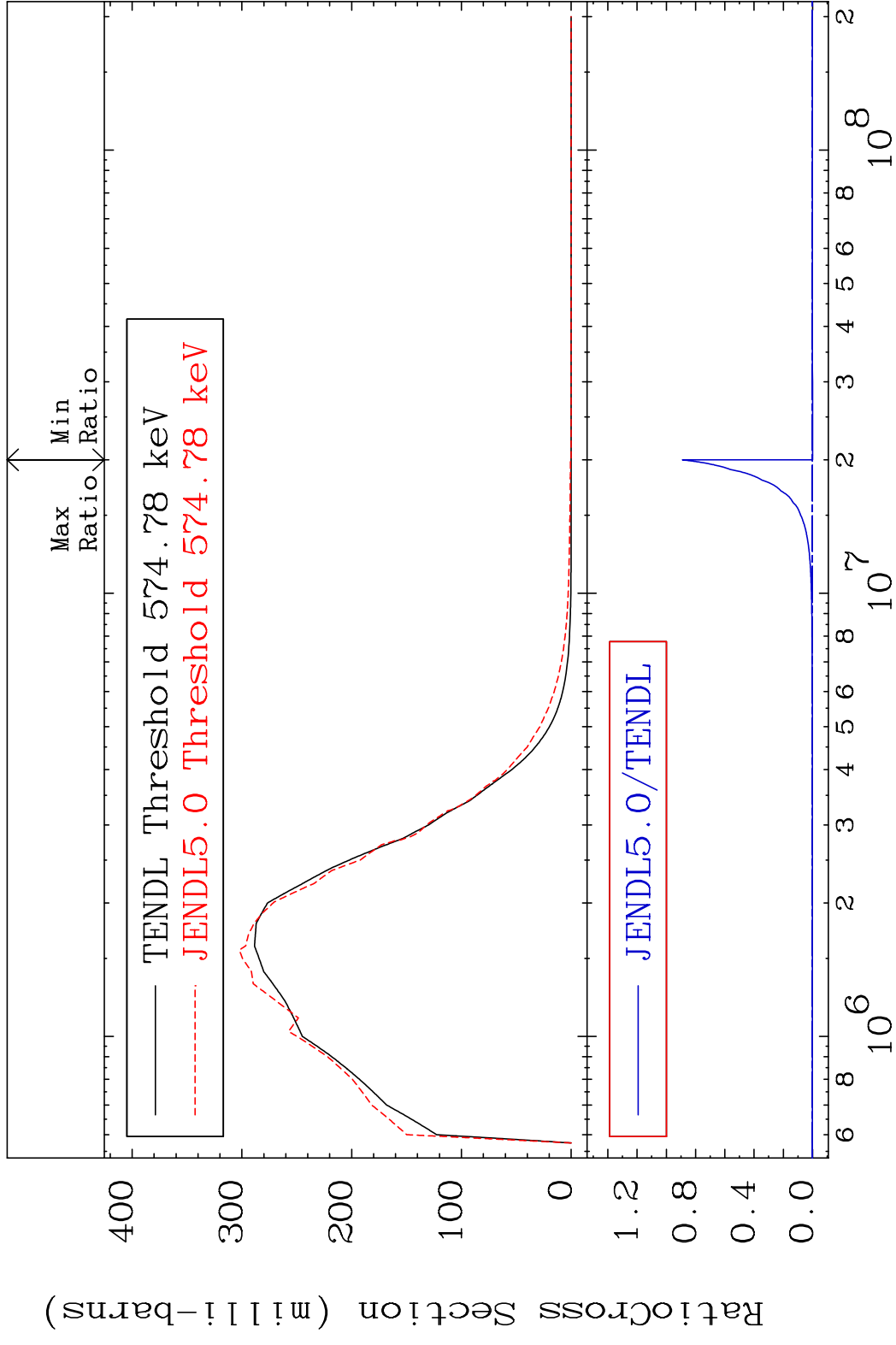


8

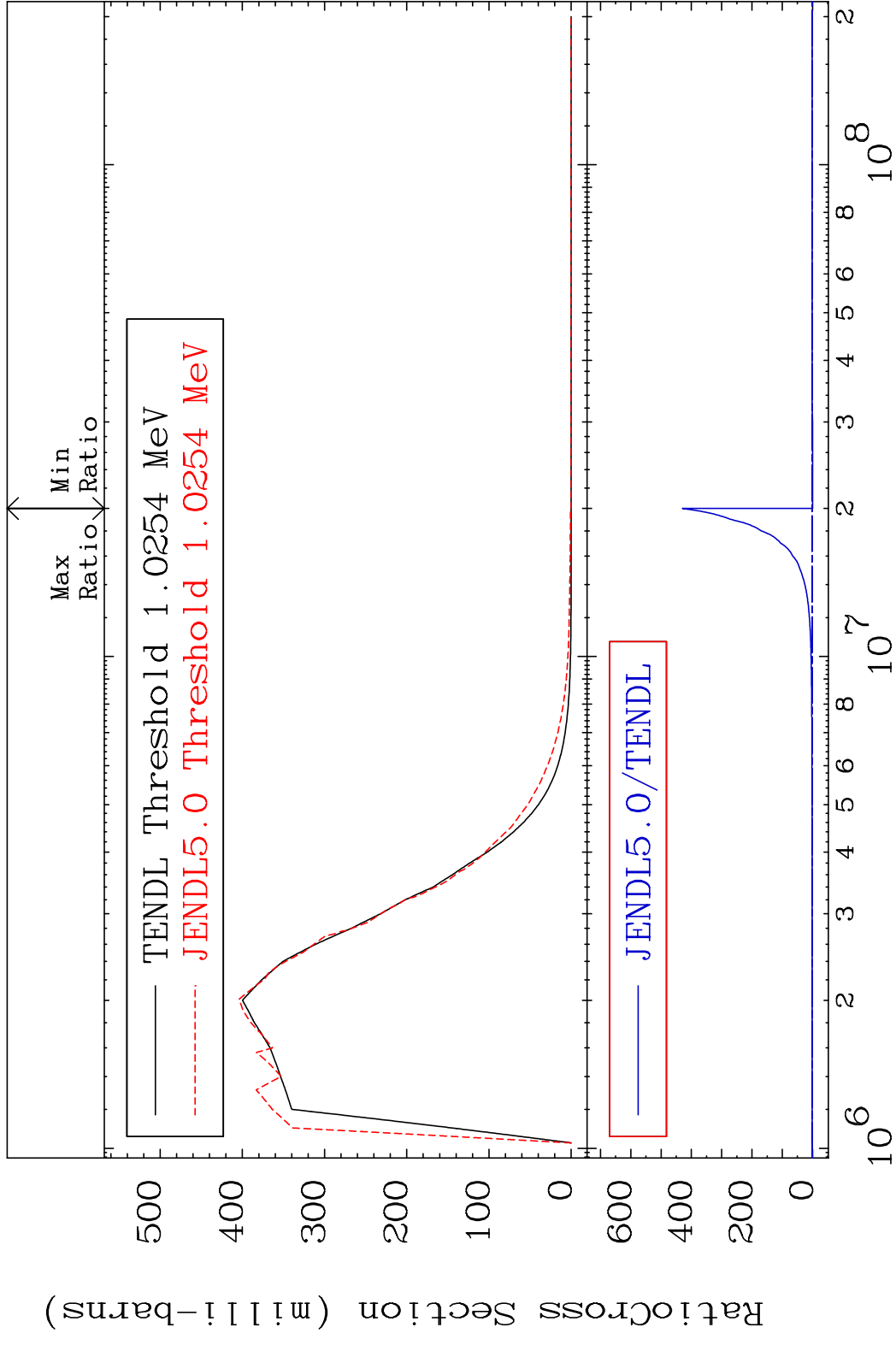
Incident Energy (eV)

24-Cr-53

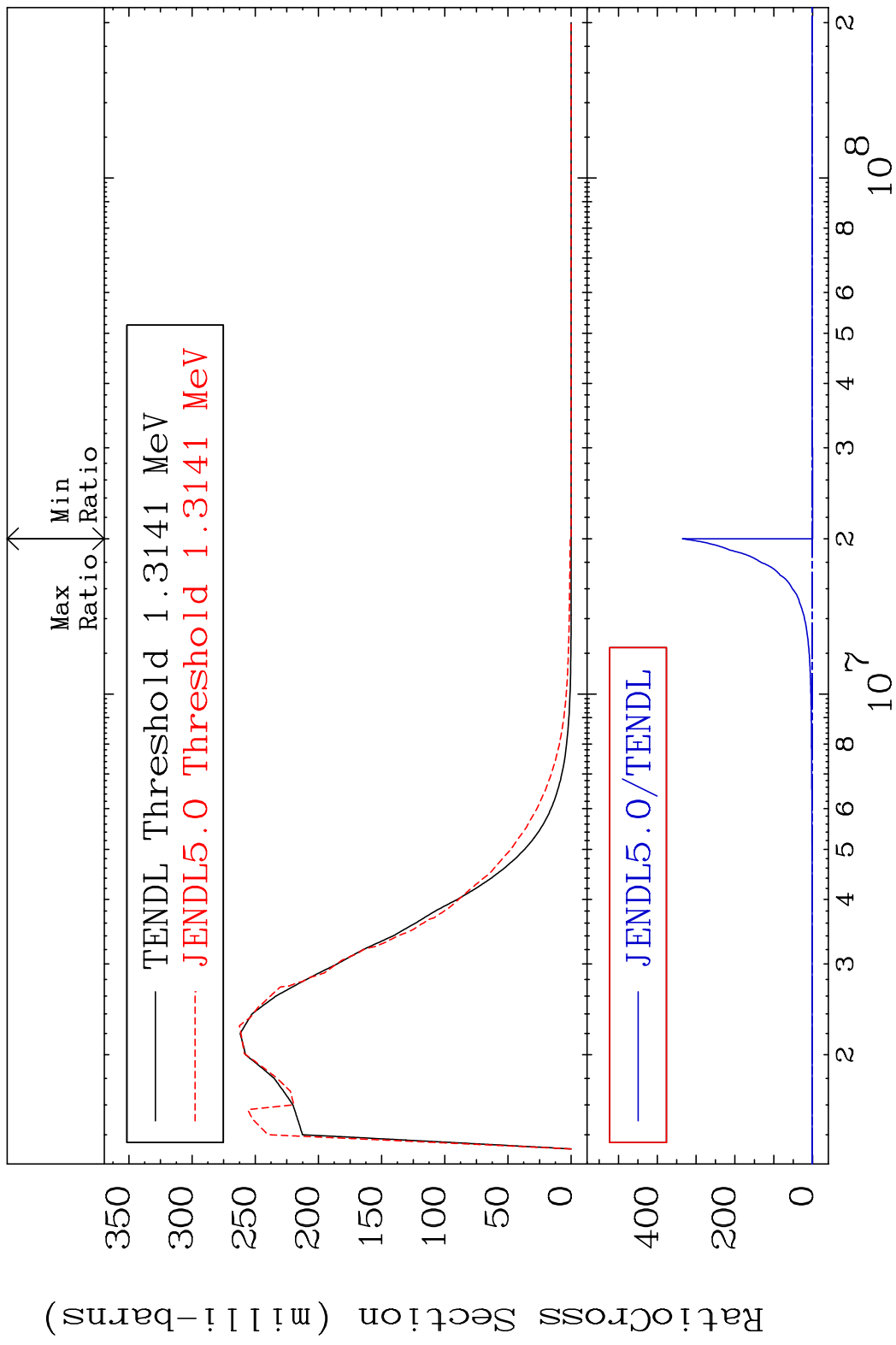
MAT 2434 MT= 51 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



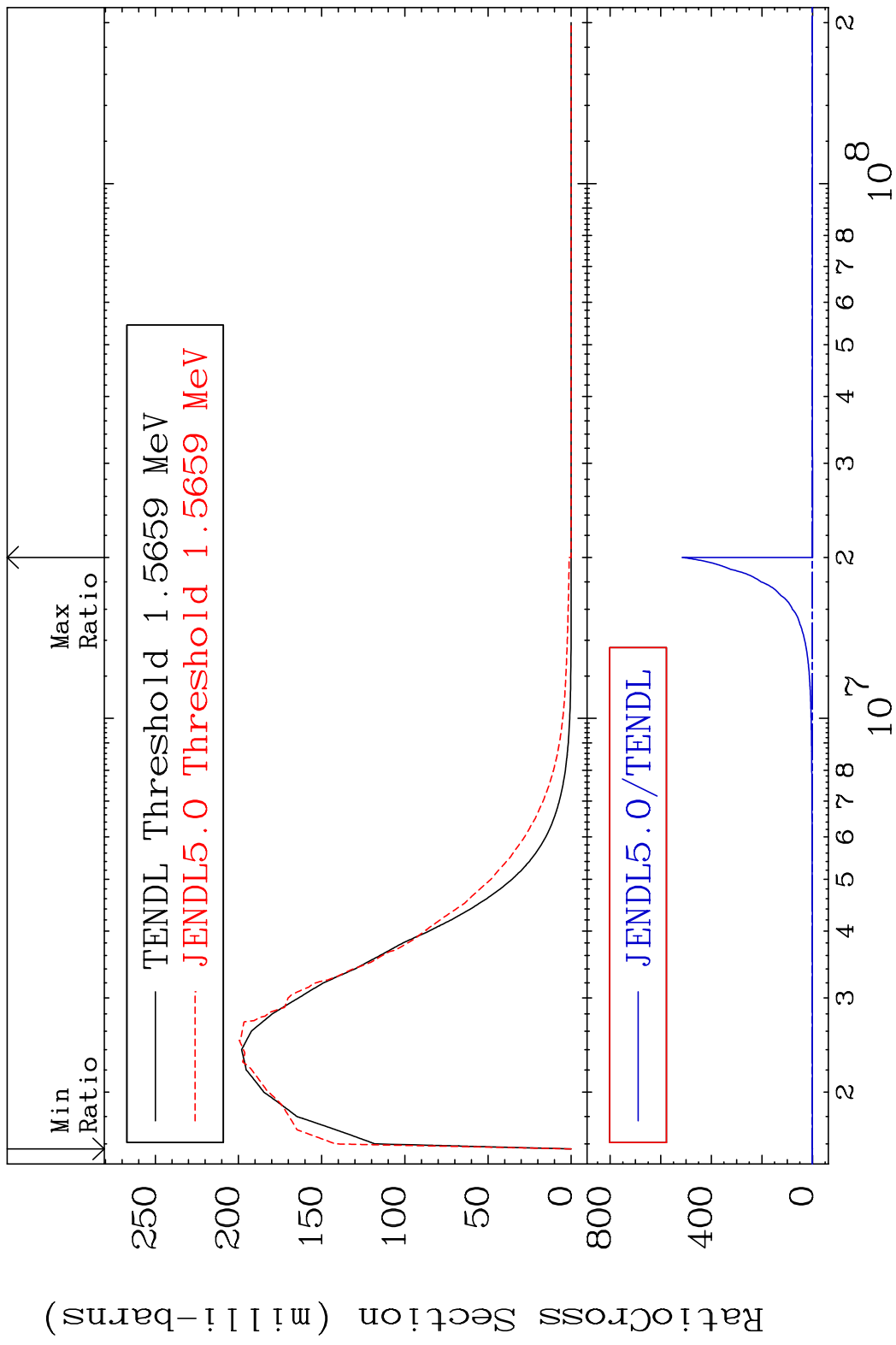
MAT 2434 MT= 52 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



MAT 2434 MT= 53 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %

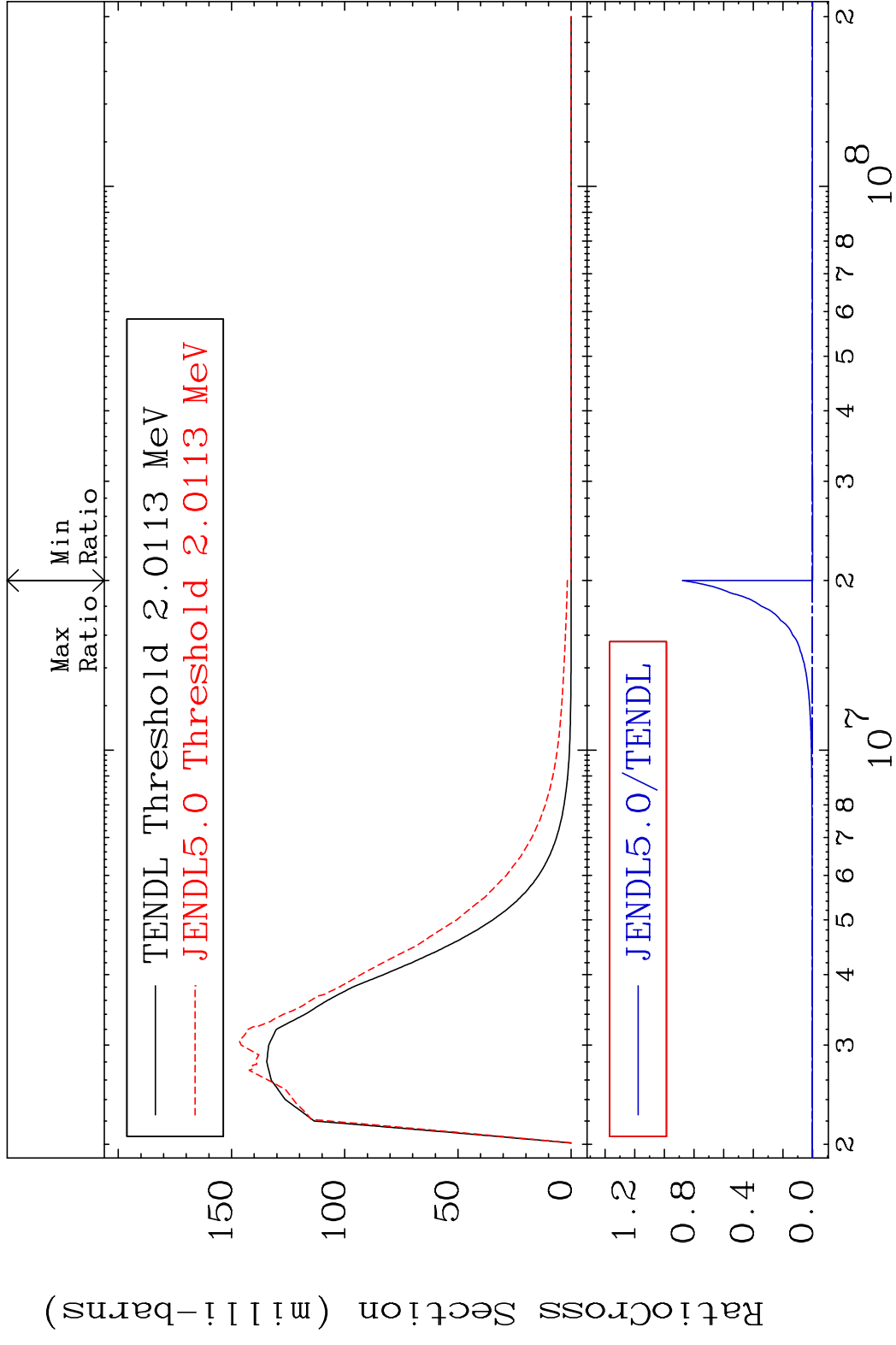


MAT 2434 MT= 54 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %

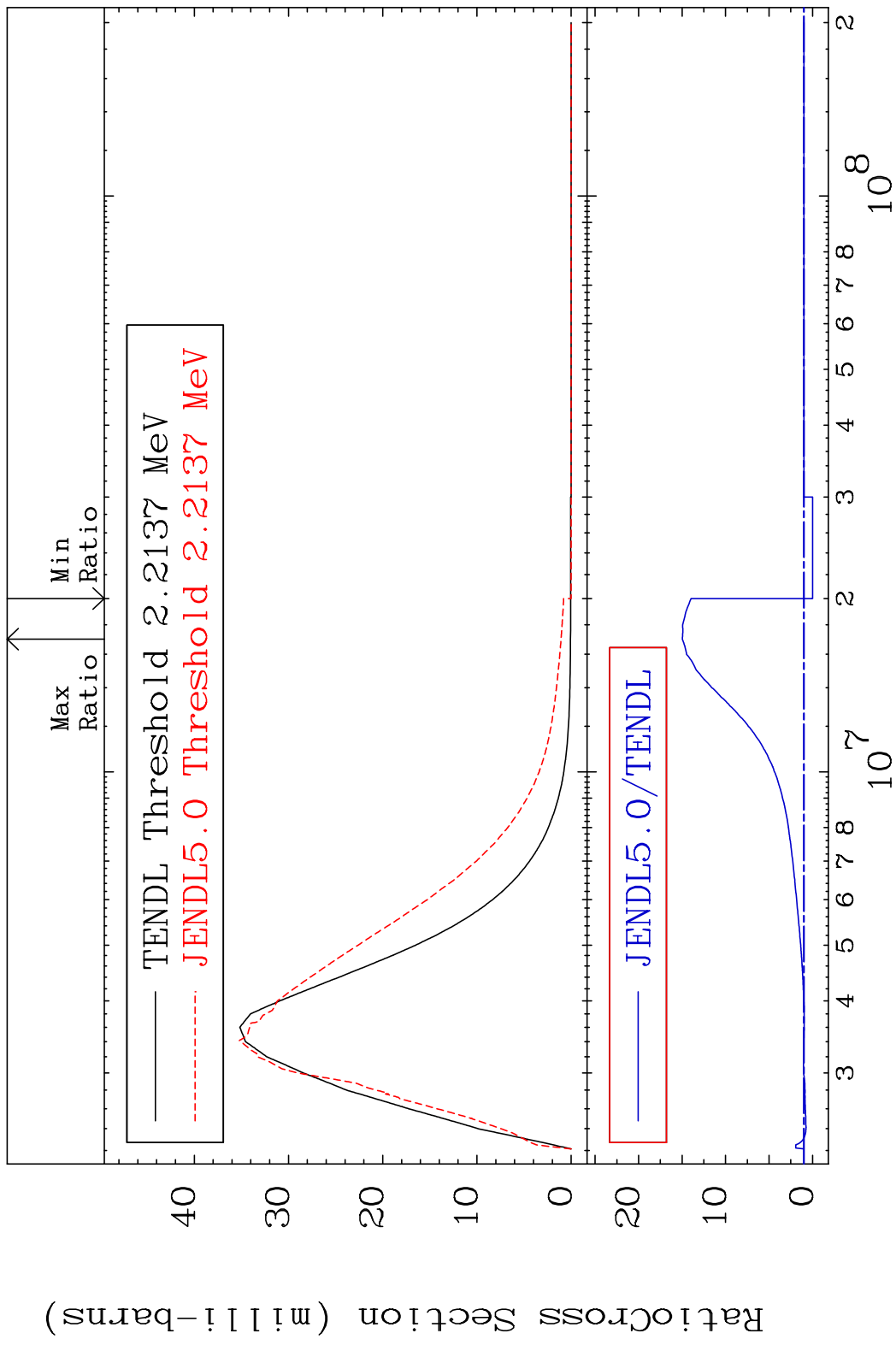


12 24-Cr-53

MAT 2434 MT= 55 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %

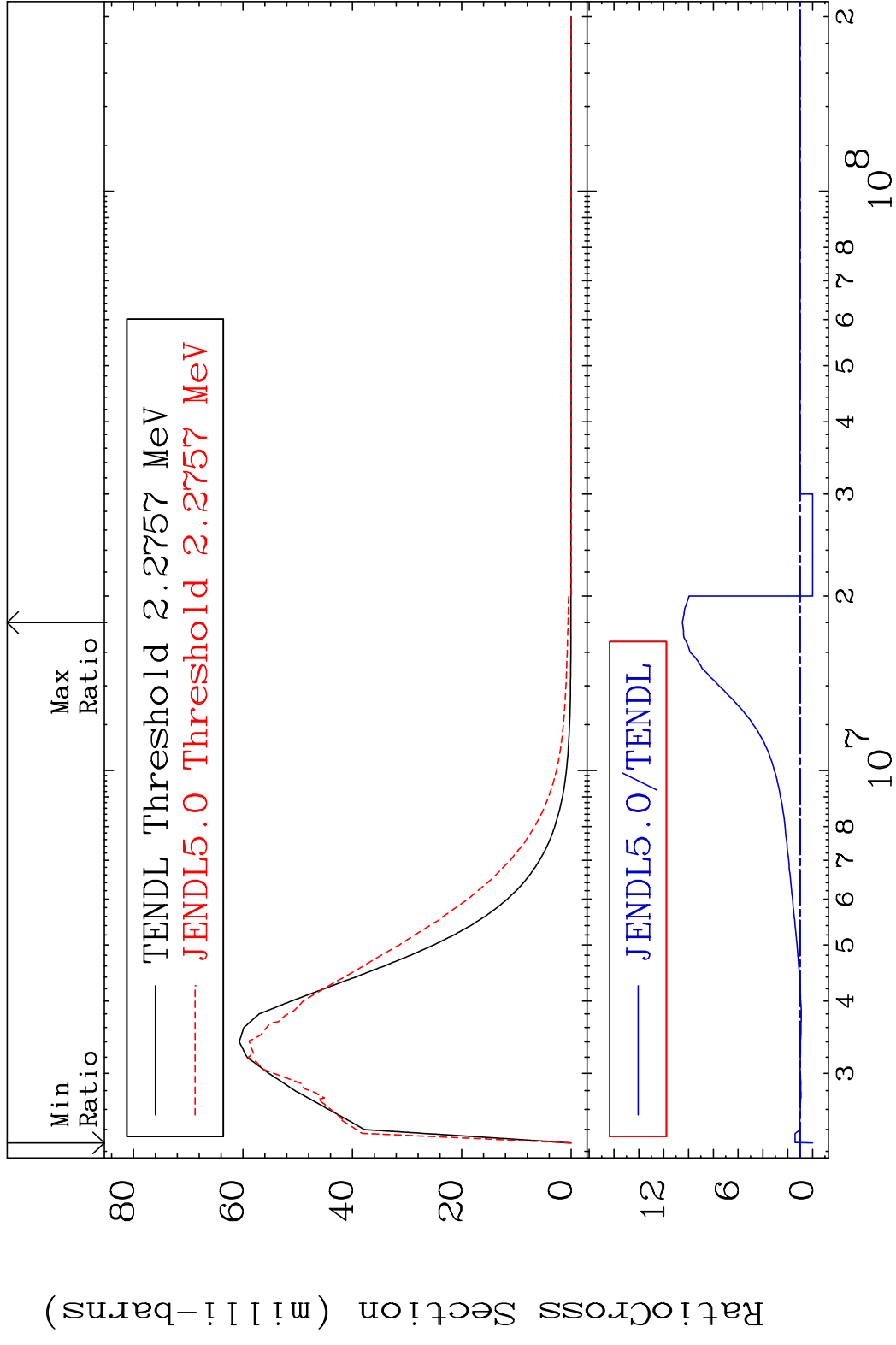


MAT 2434 MT= 56 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1397. %



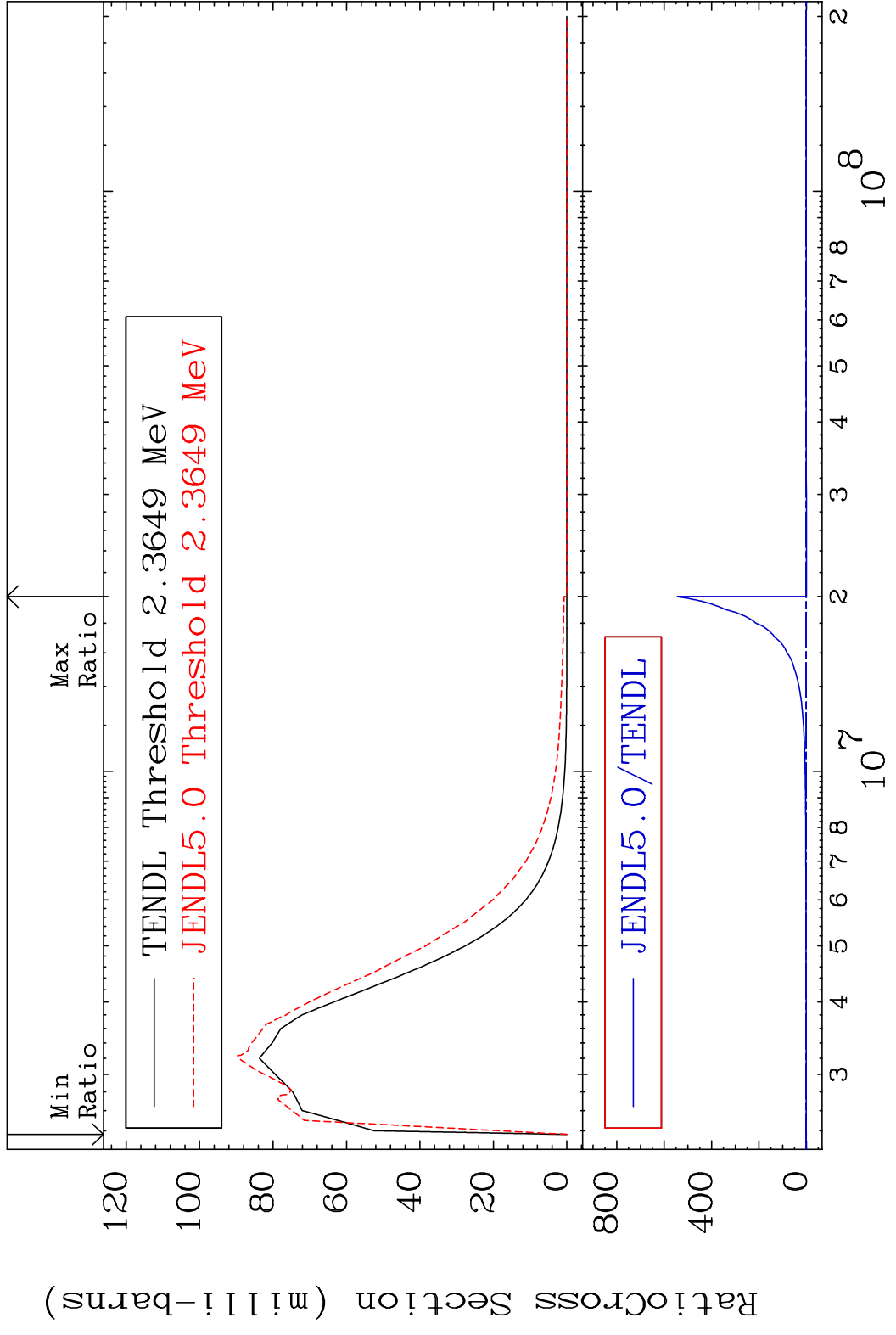
14 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 57 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 949.4 %

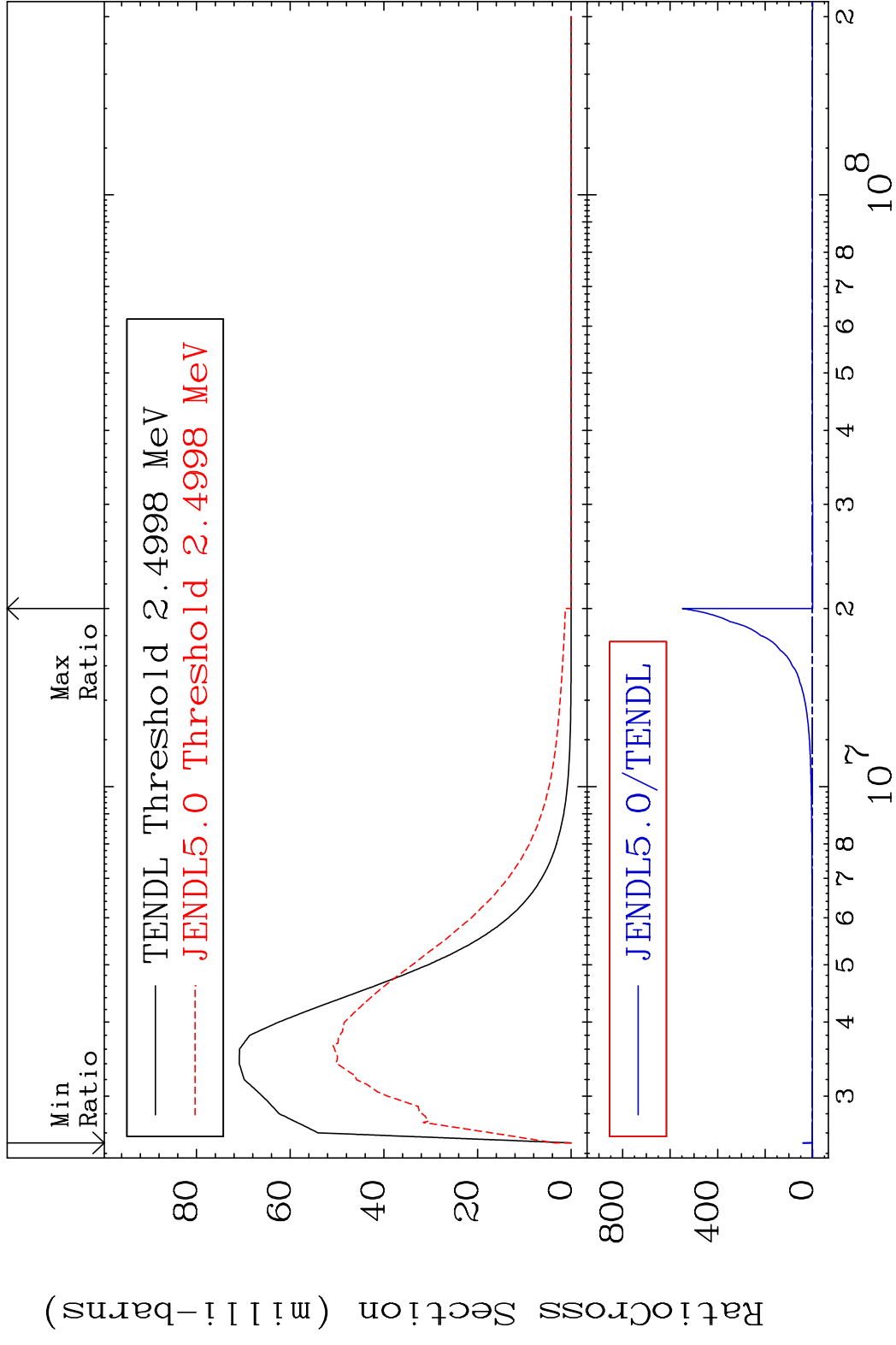


15 24-Cr-53

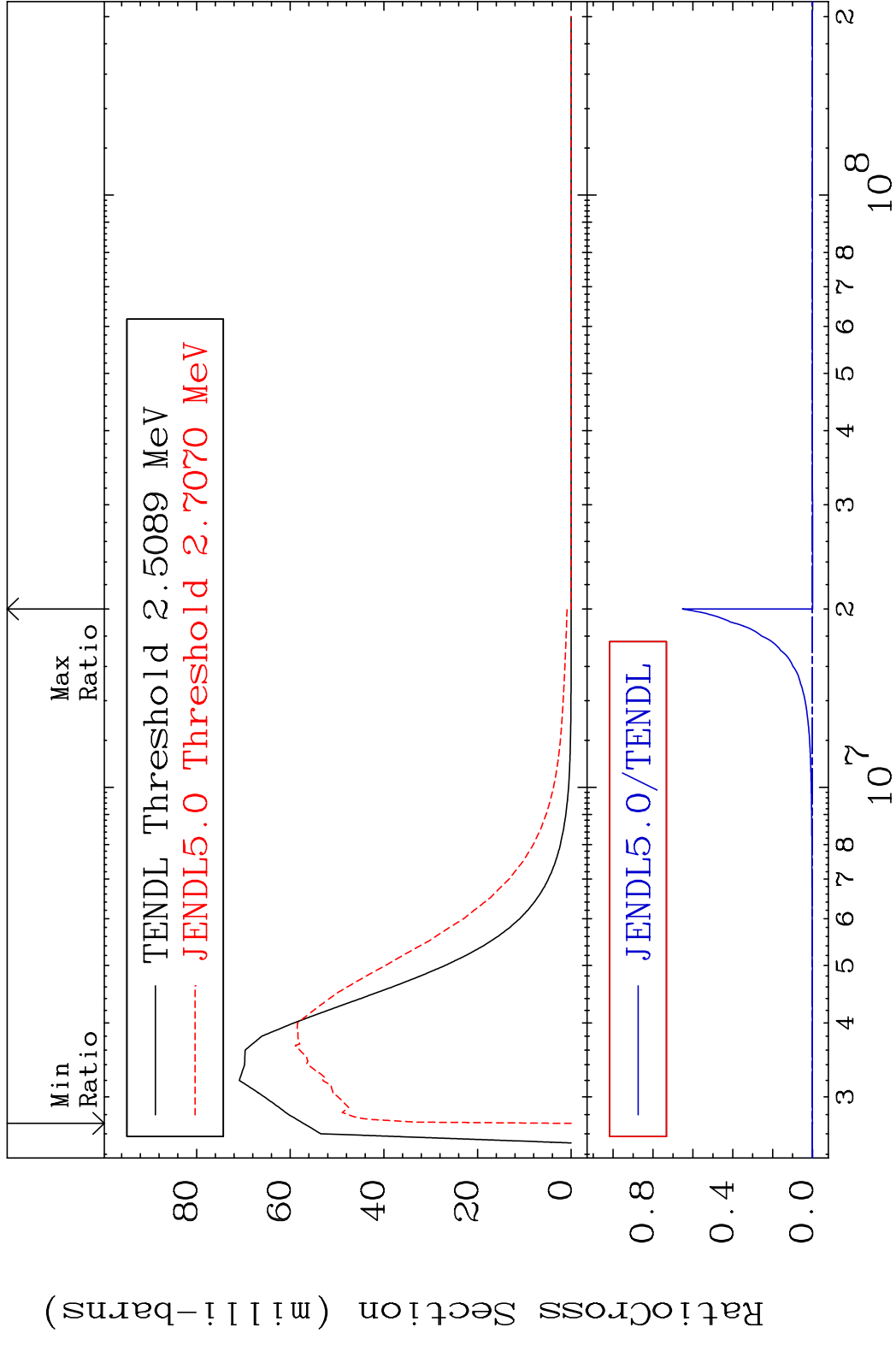
MAT 2434 MT= 58 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



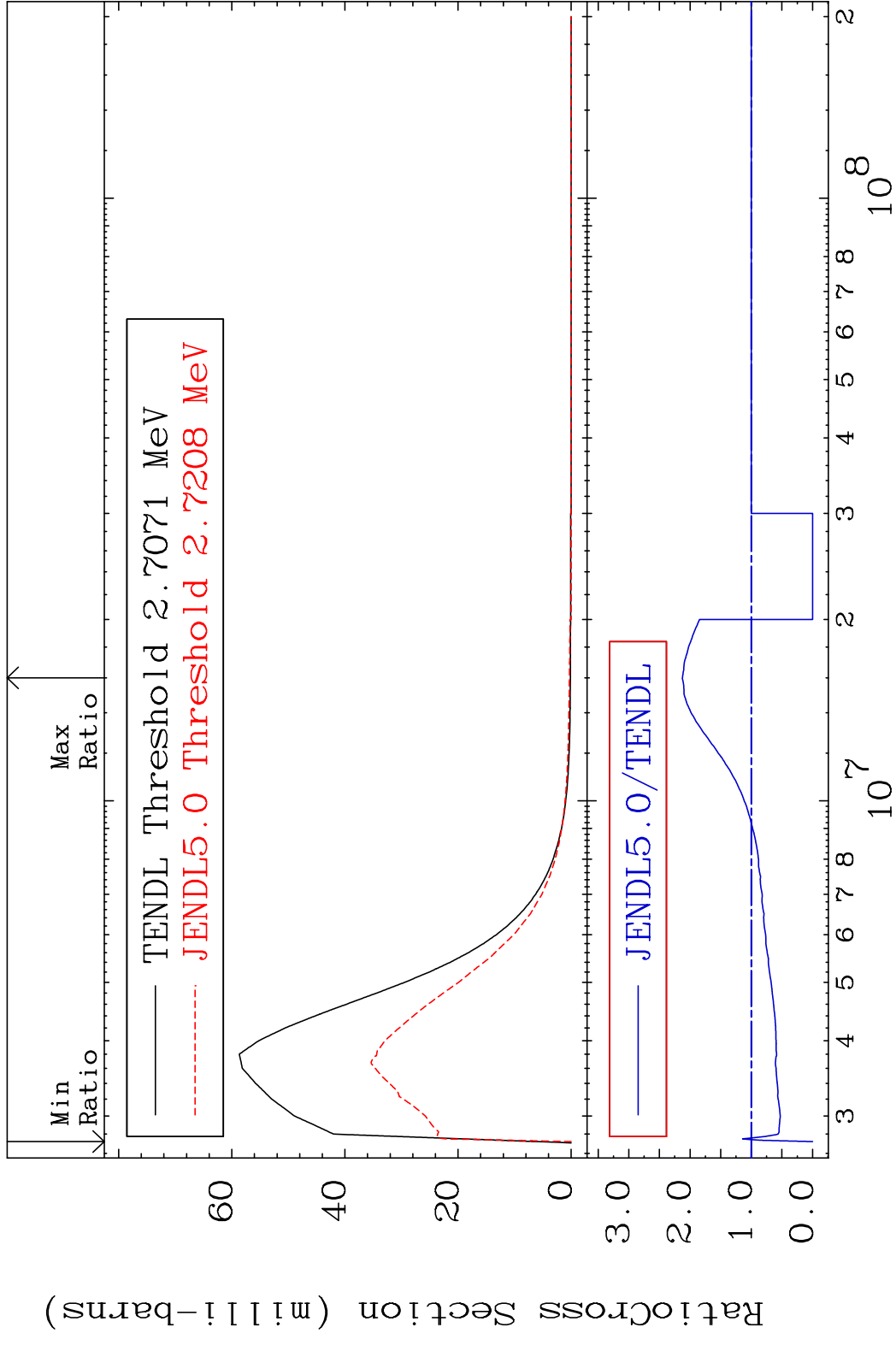
MAT 2434 MT= 59 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



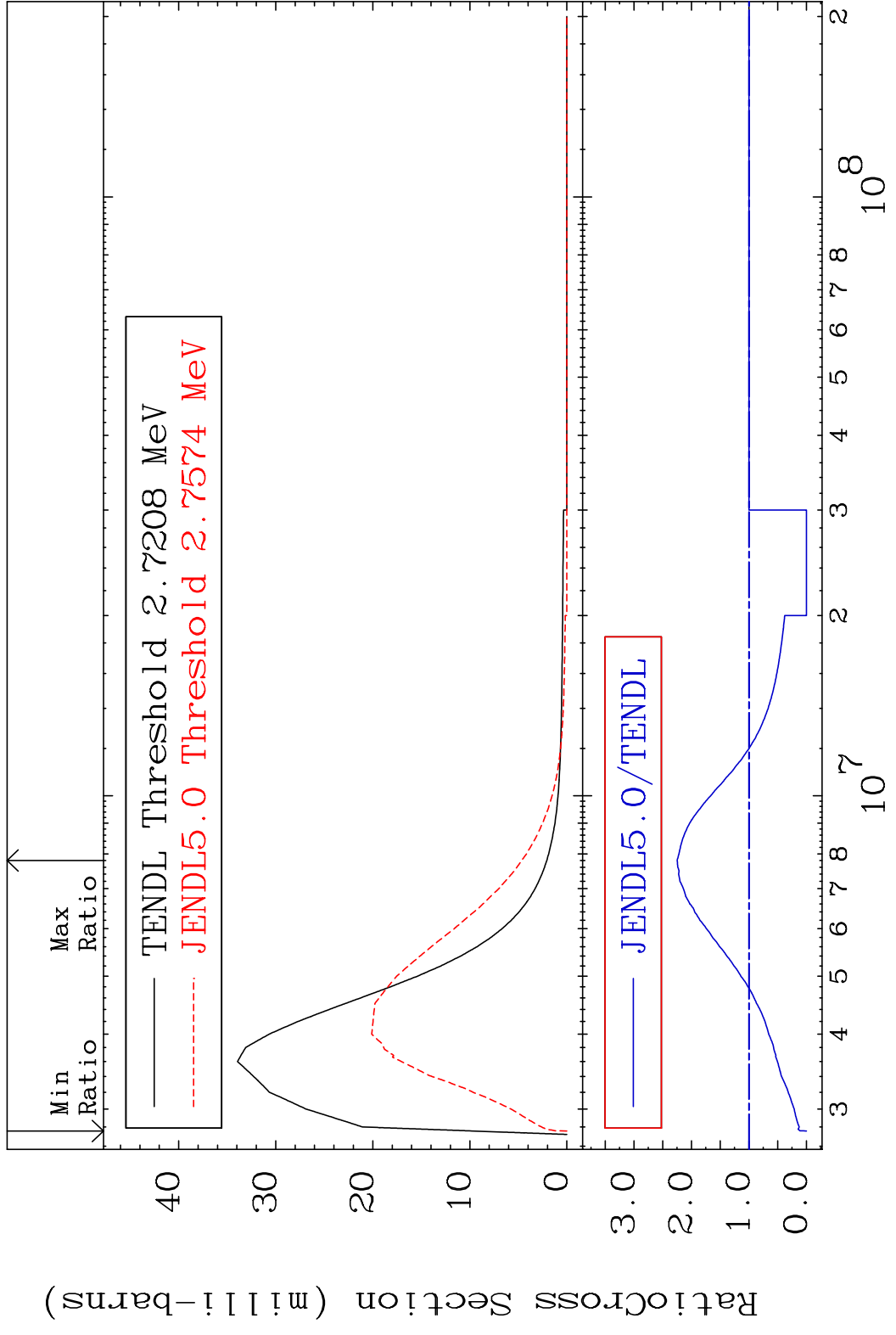
MAT 2434 MT= 60 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



MAT 2434 MT= 61 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 112.6 %

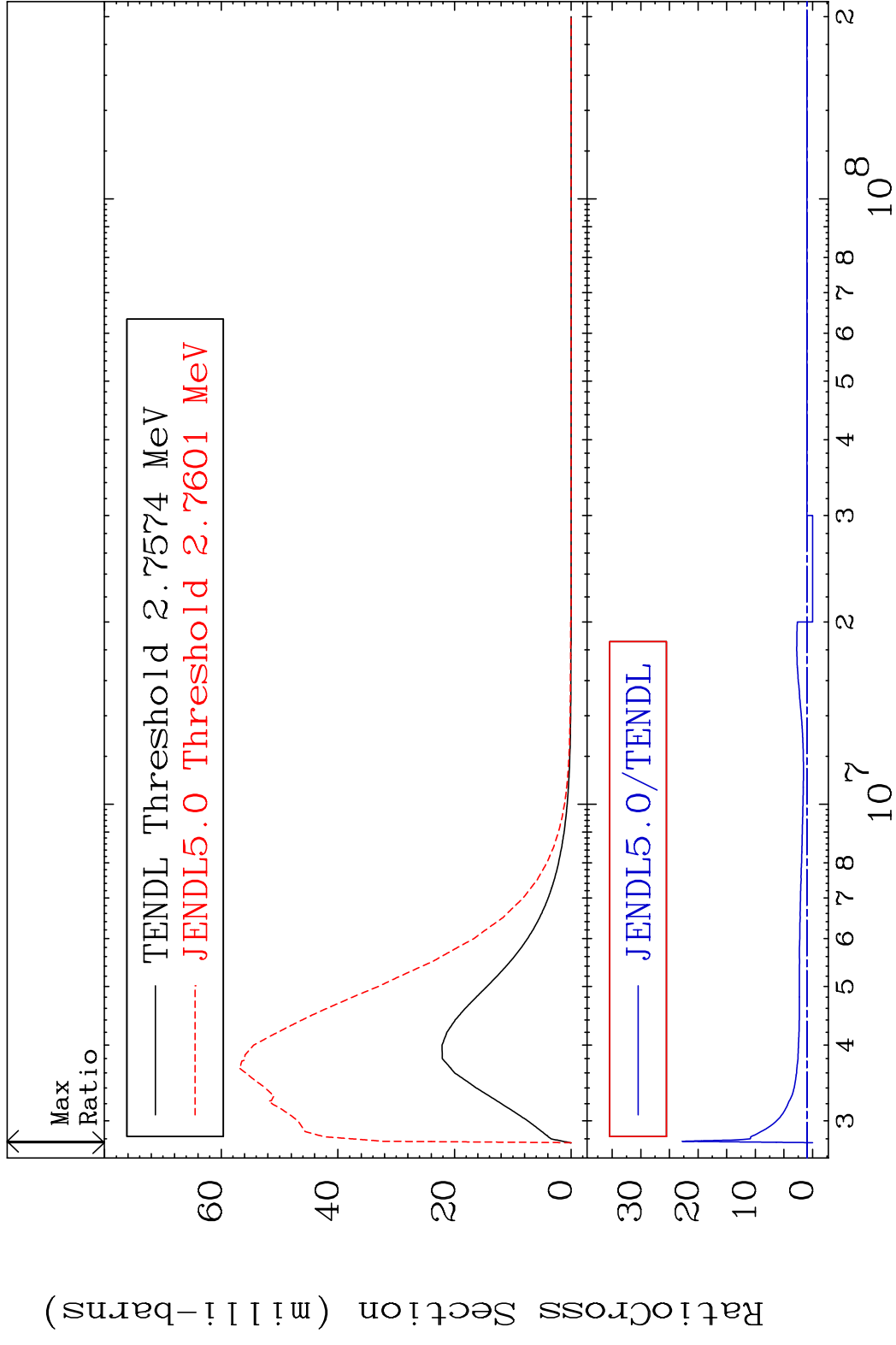


MAT 2434 MT= 62 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 124.8 %

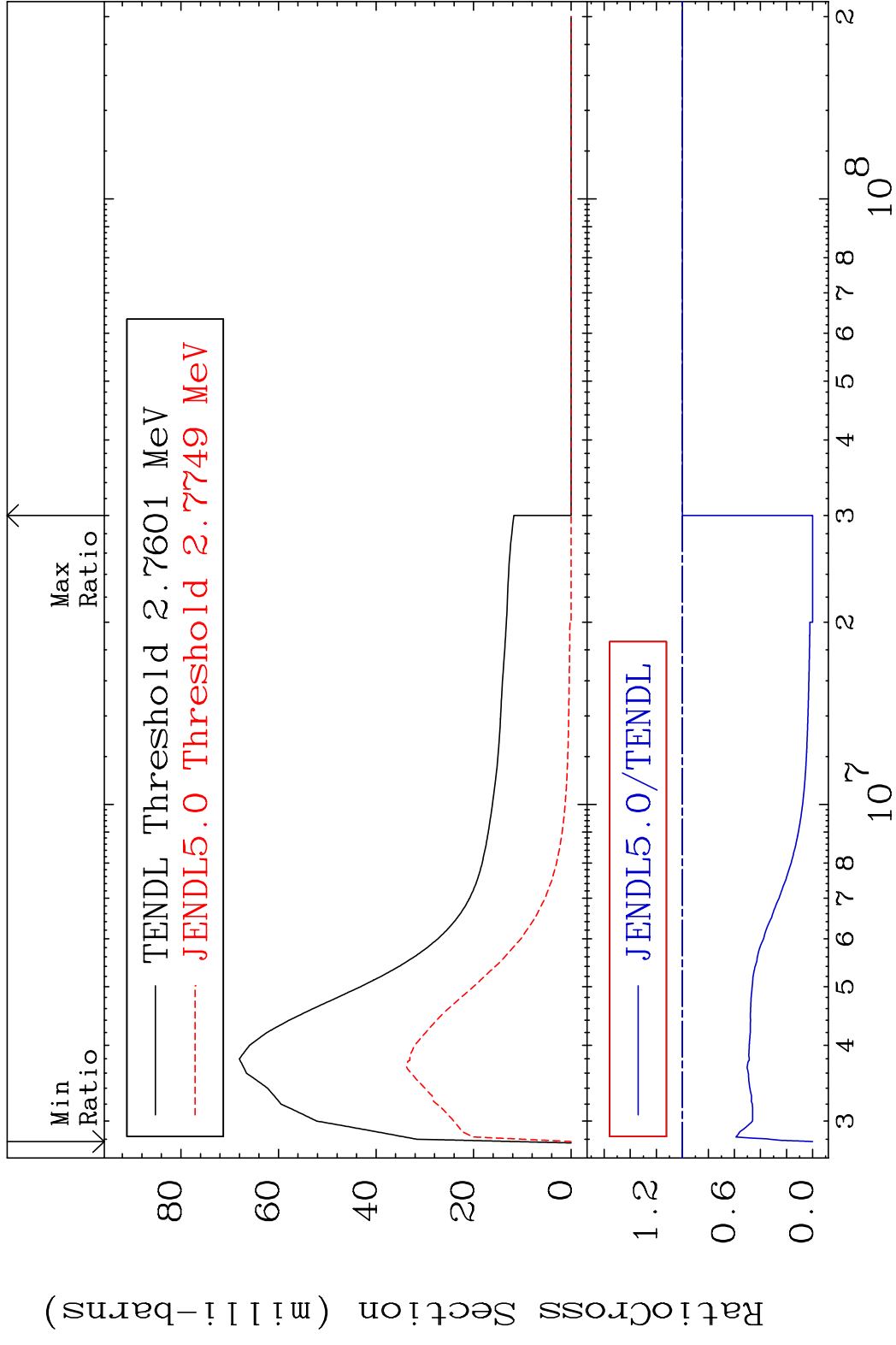


20 24-Cr-53

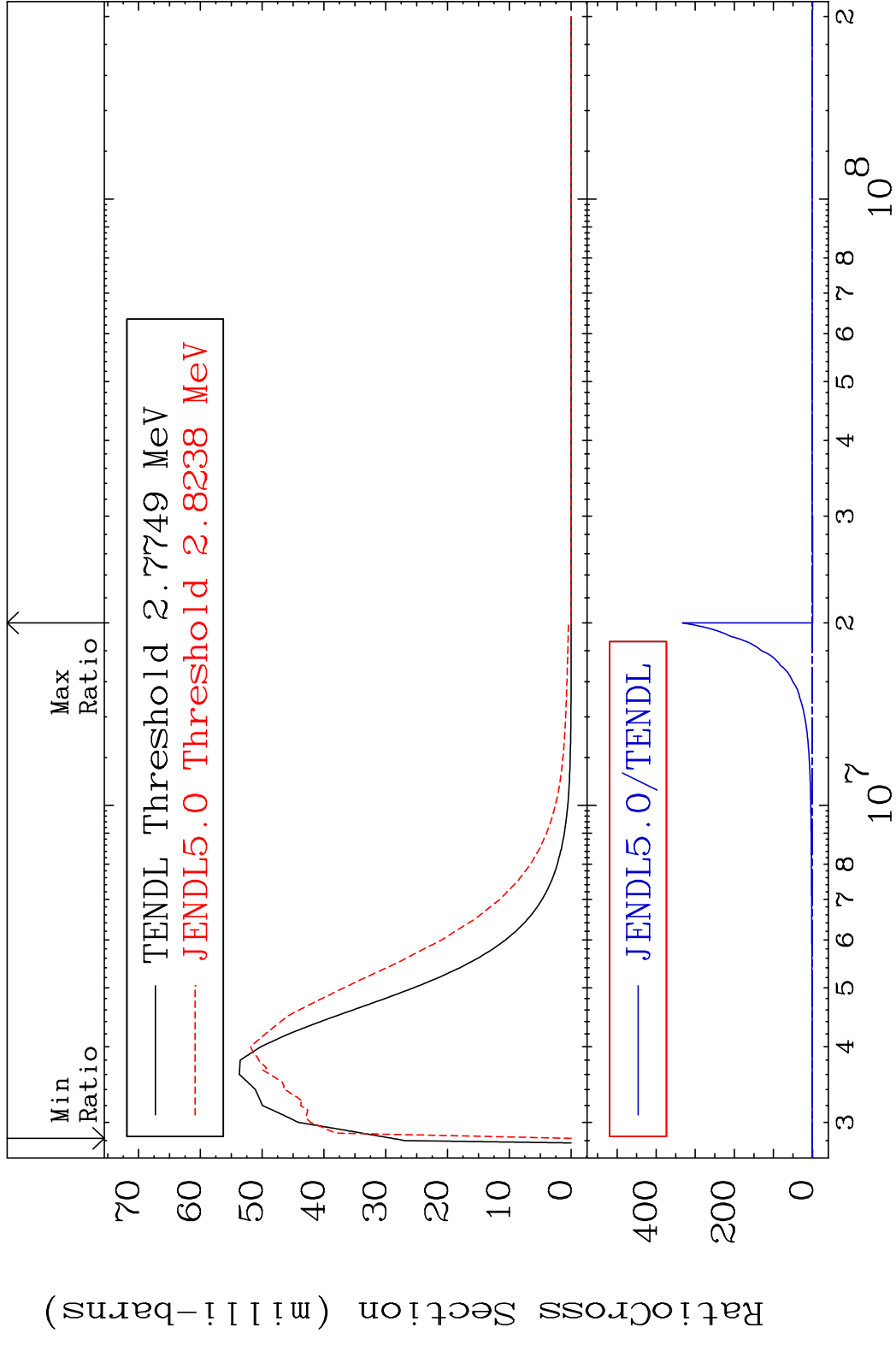
MAT 2434 MT= 63 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 2174. %



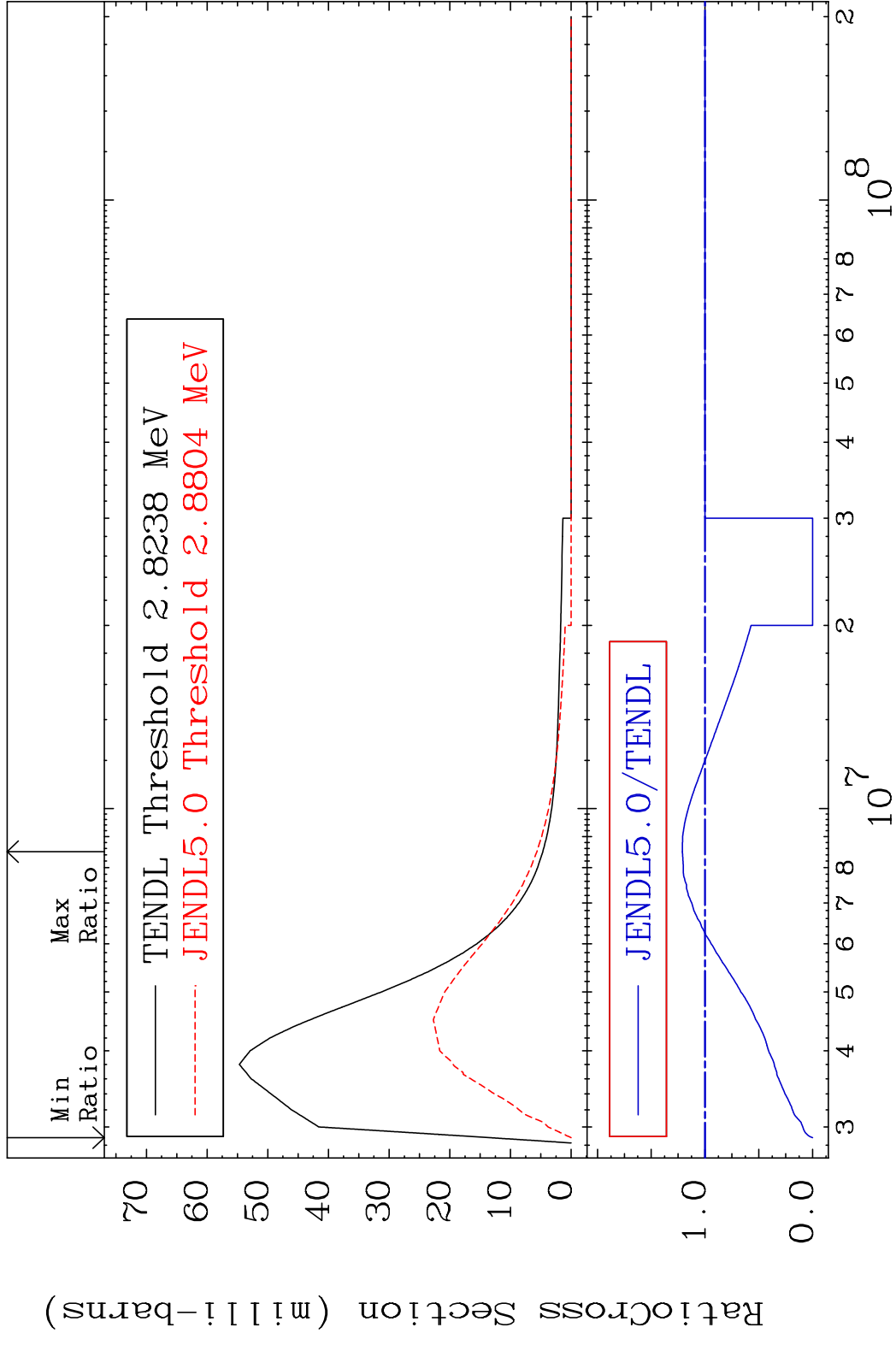
MAT 2434 MT= 64 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 0.000 %



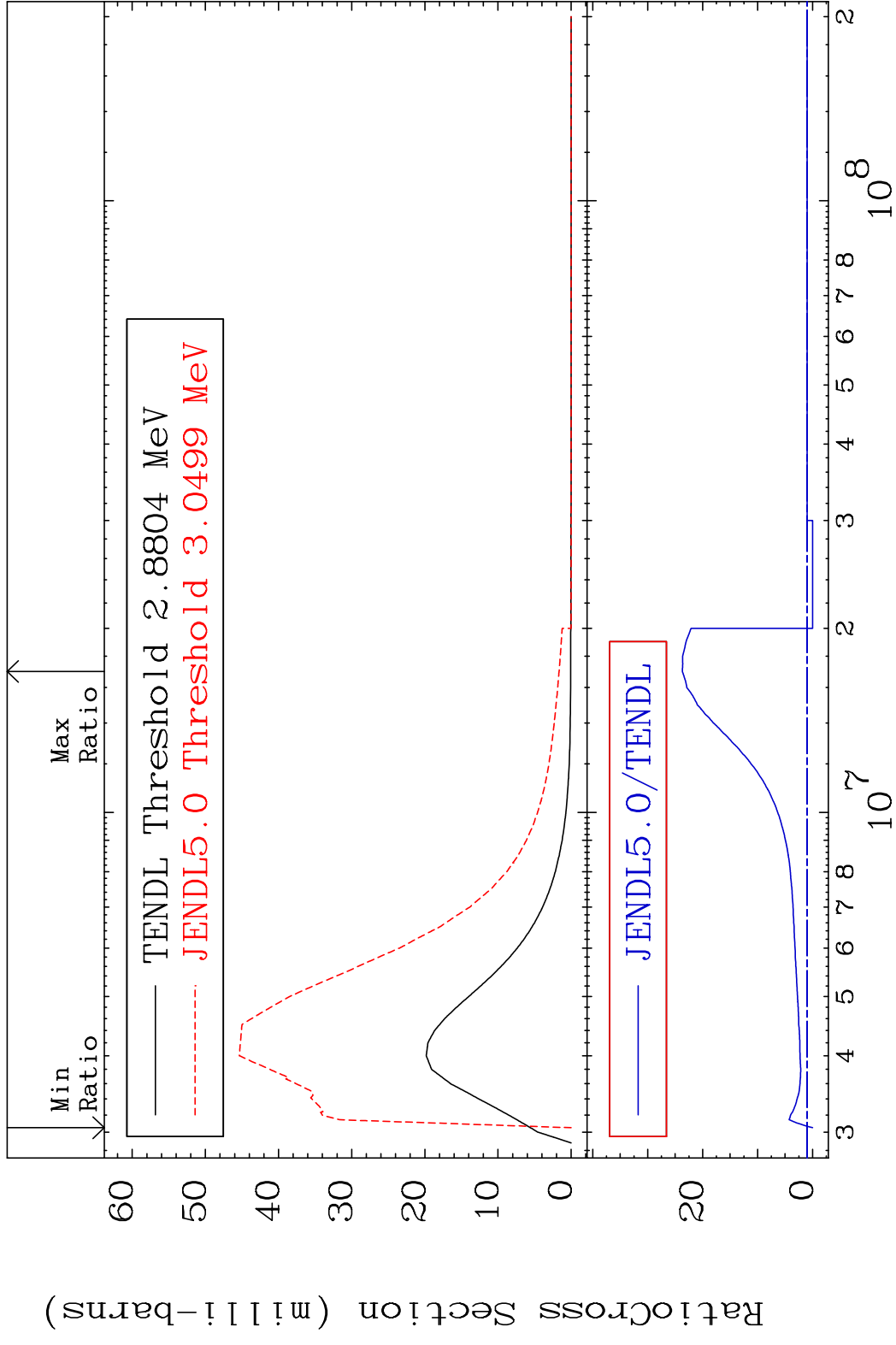
MAT 2434 MT= 65 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



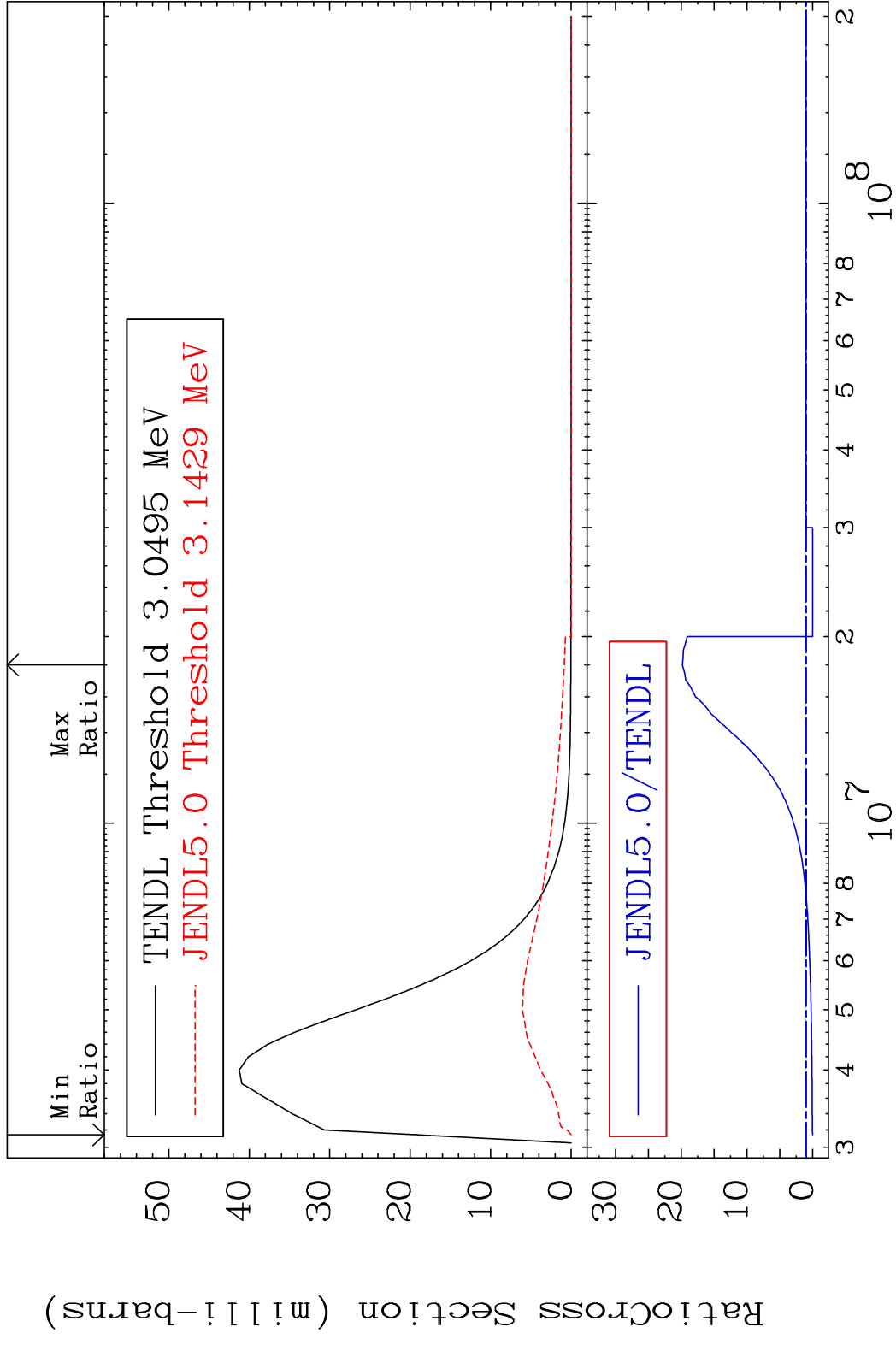
MAT 2434 MT= 66 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 21.07 %



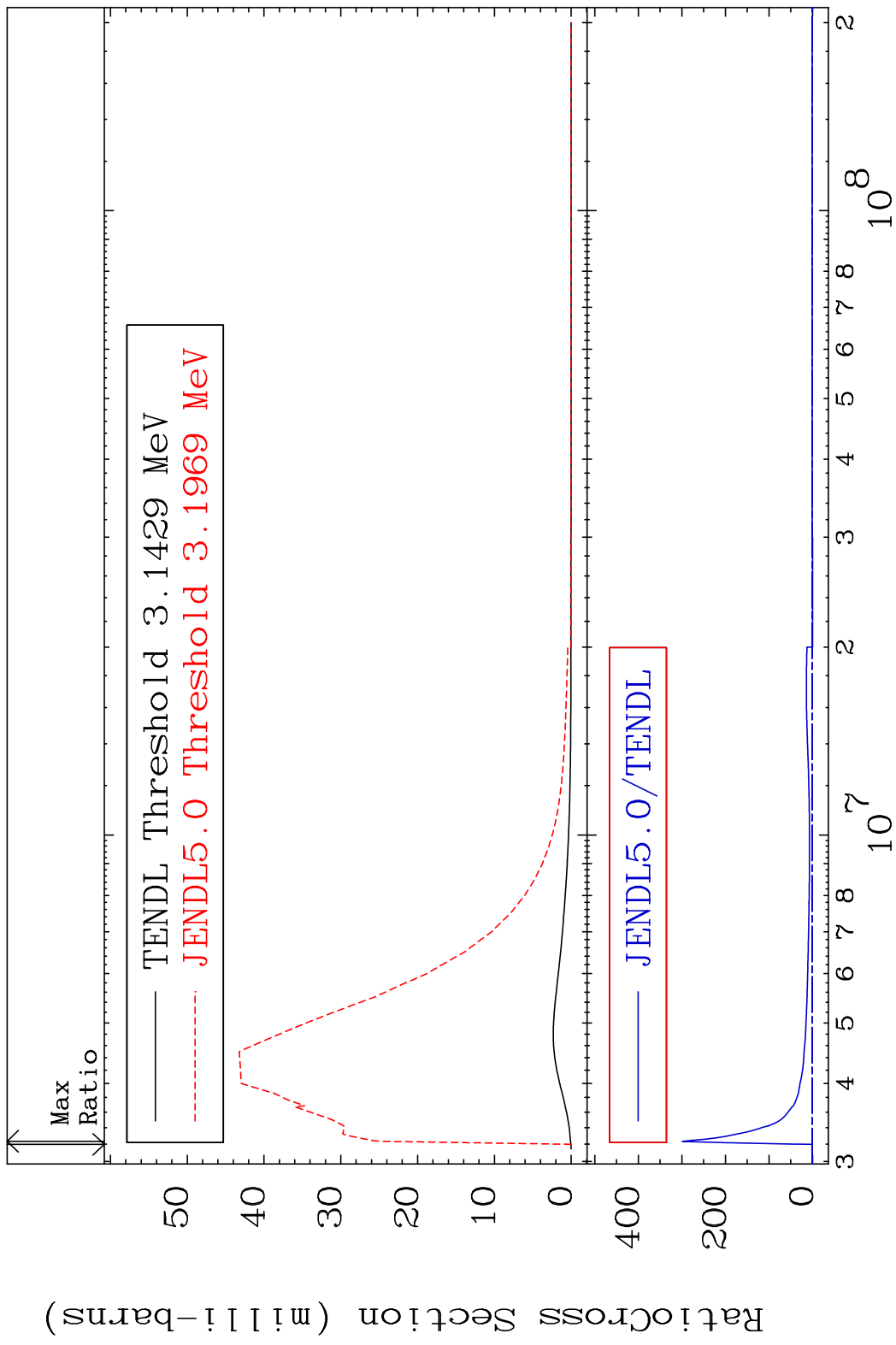
MAT 2434 MT= 67 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 2269. %



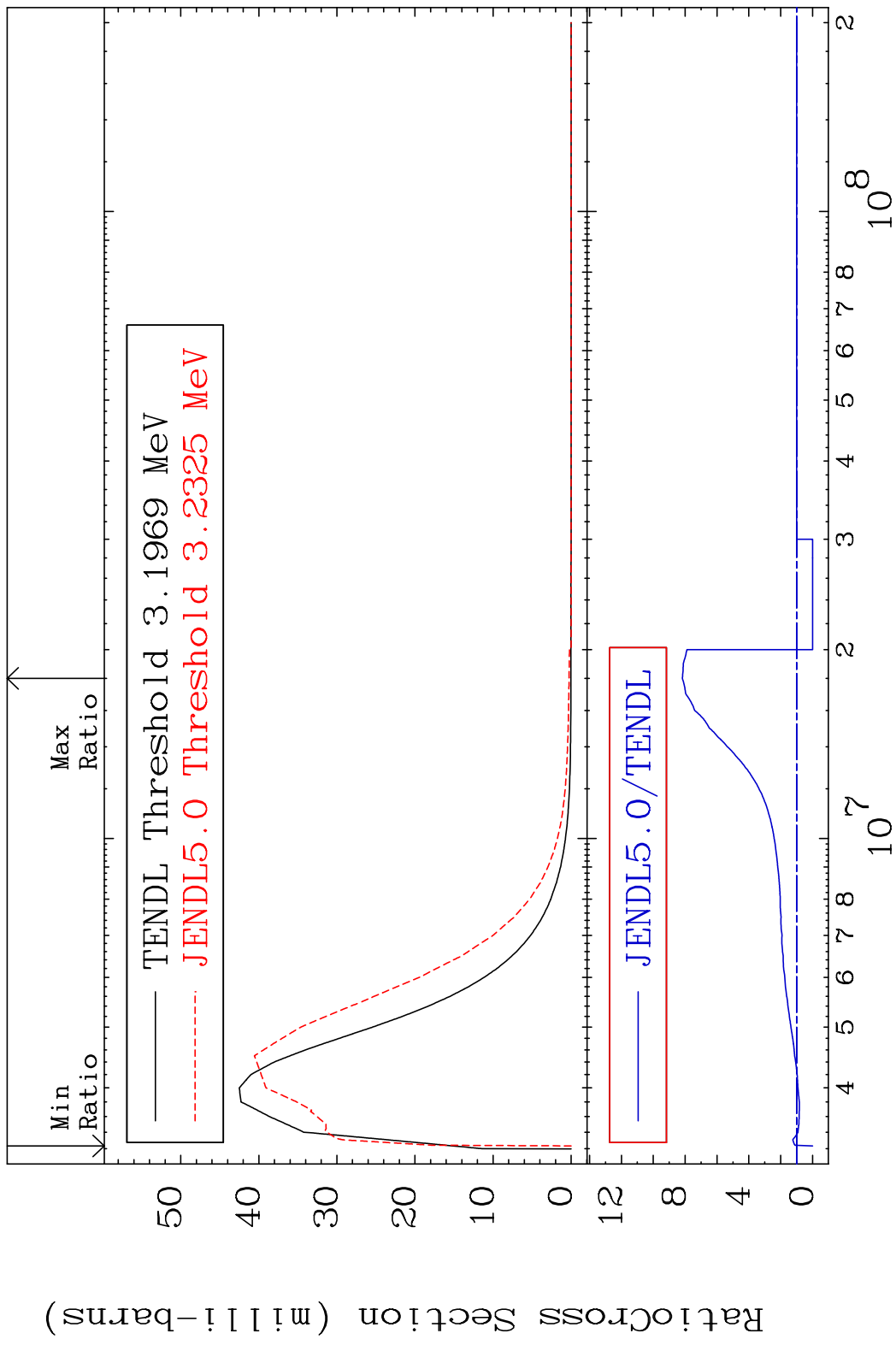
MAT 2434 MT= 68 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1882. %



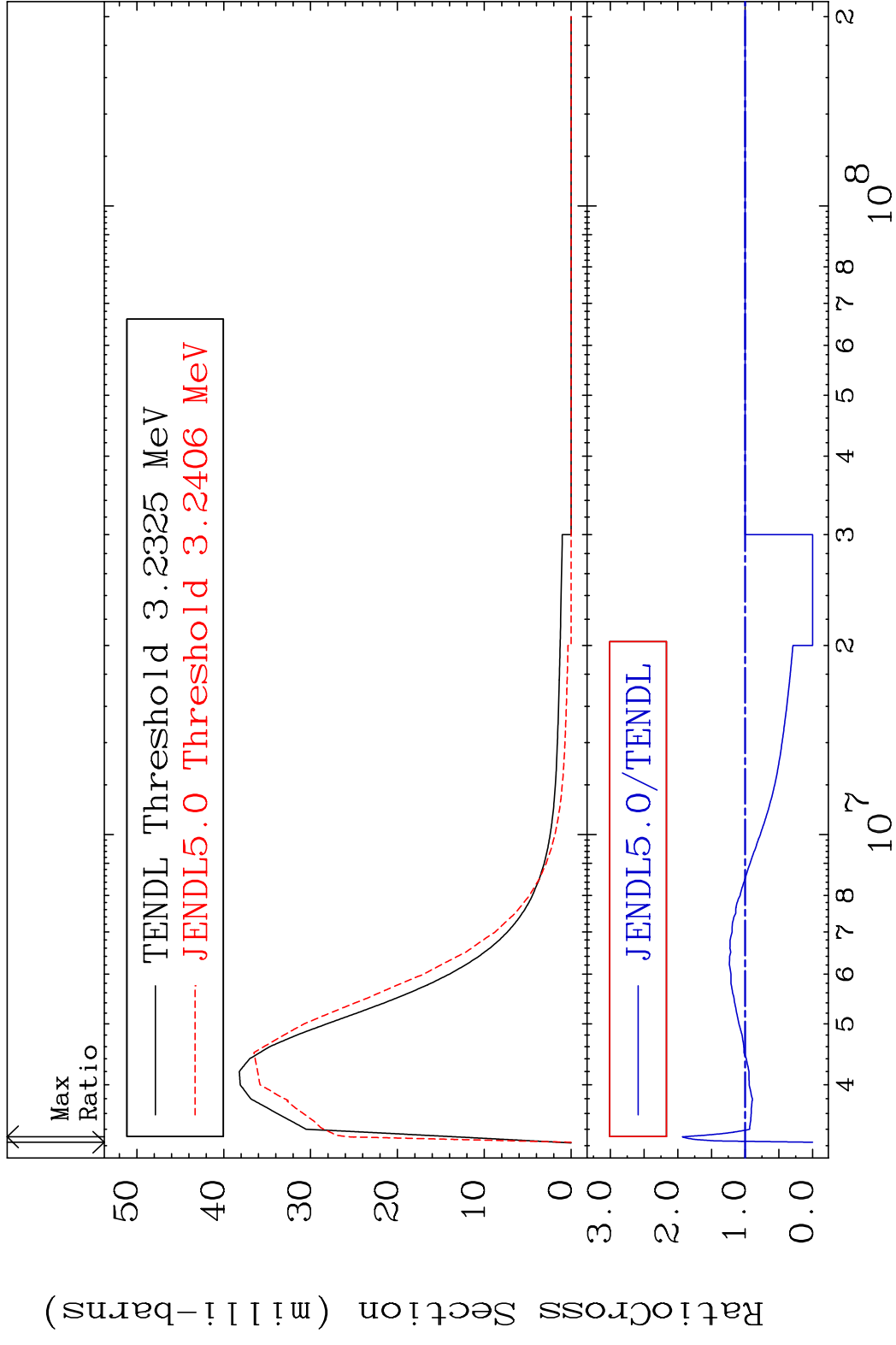
MAT 2434 MT= 69 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



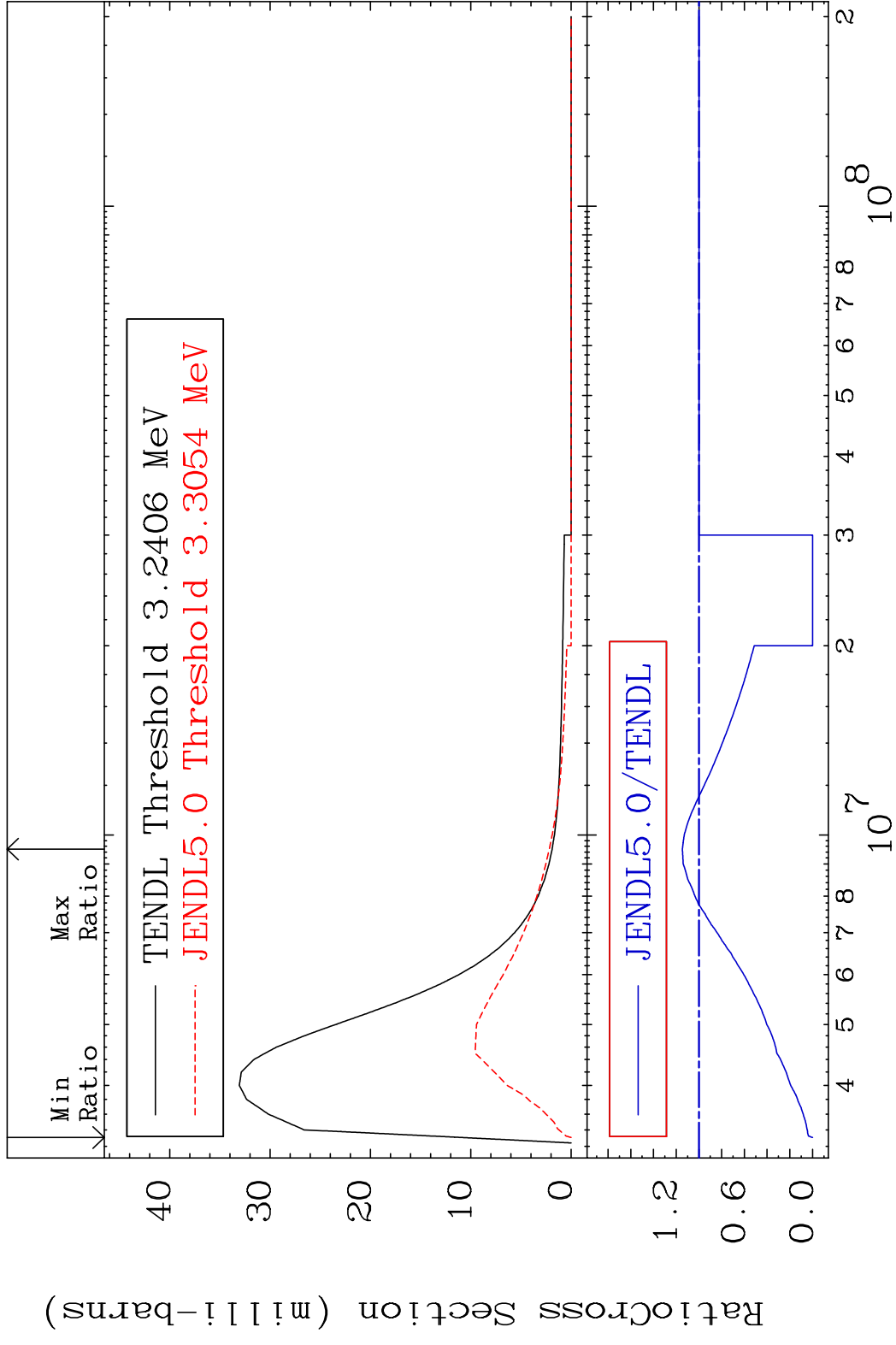
MAT 2434 MT= 70 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 717.4 %



MAT 2434 MT= 71 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 93.21 %

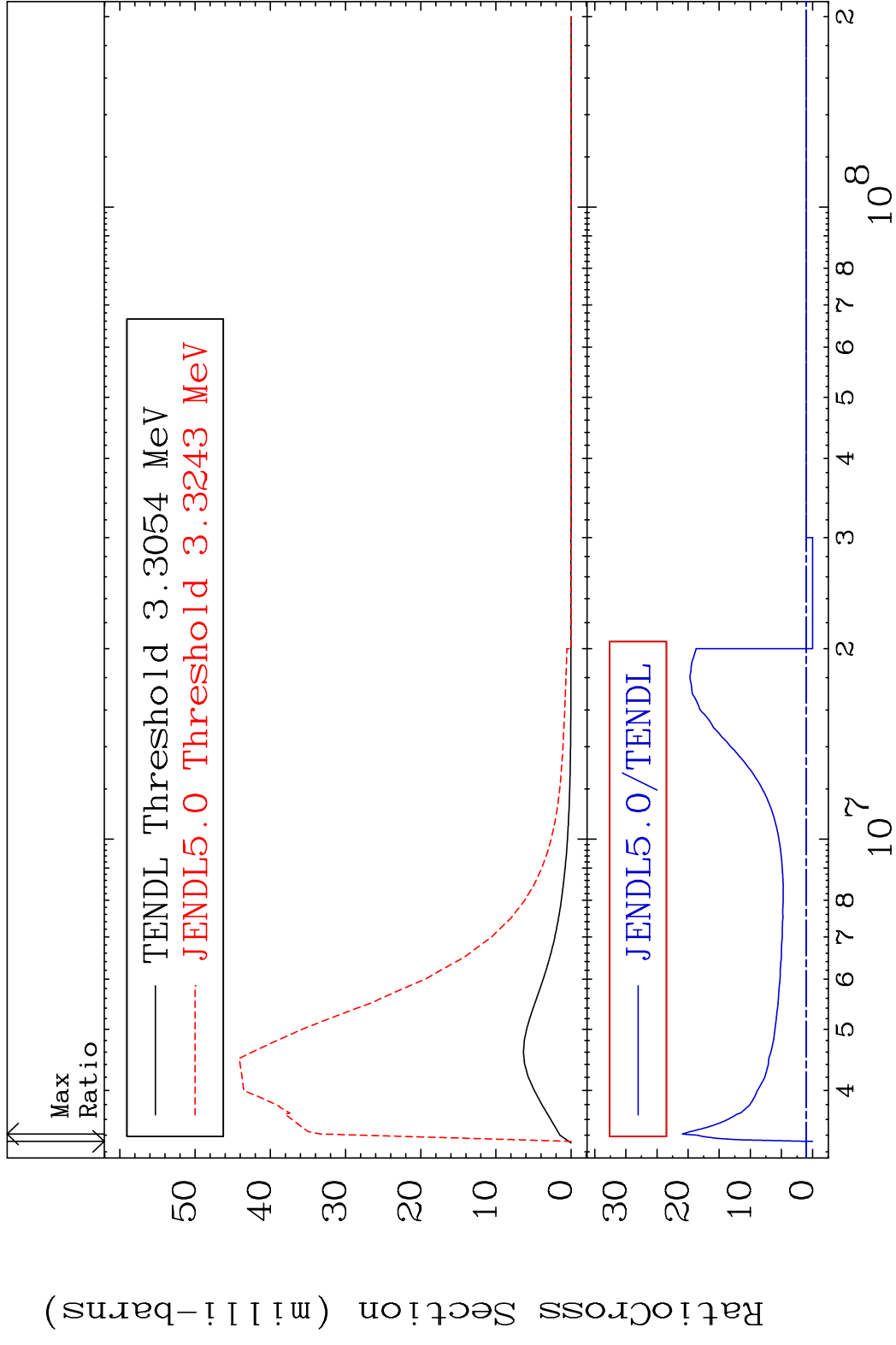


MAT 2434 MT= 72 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 14.58 %

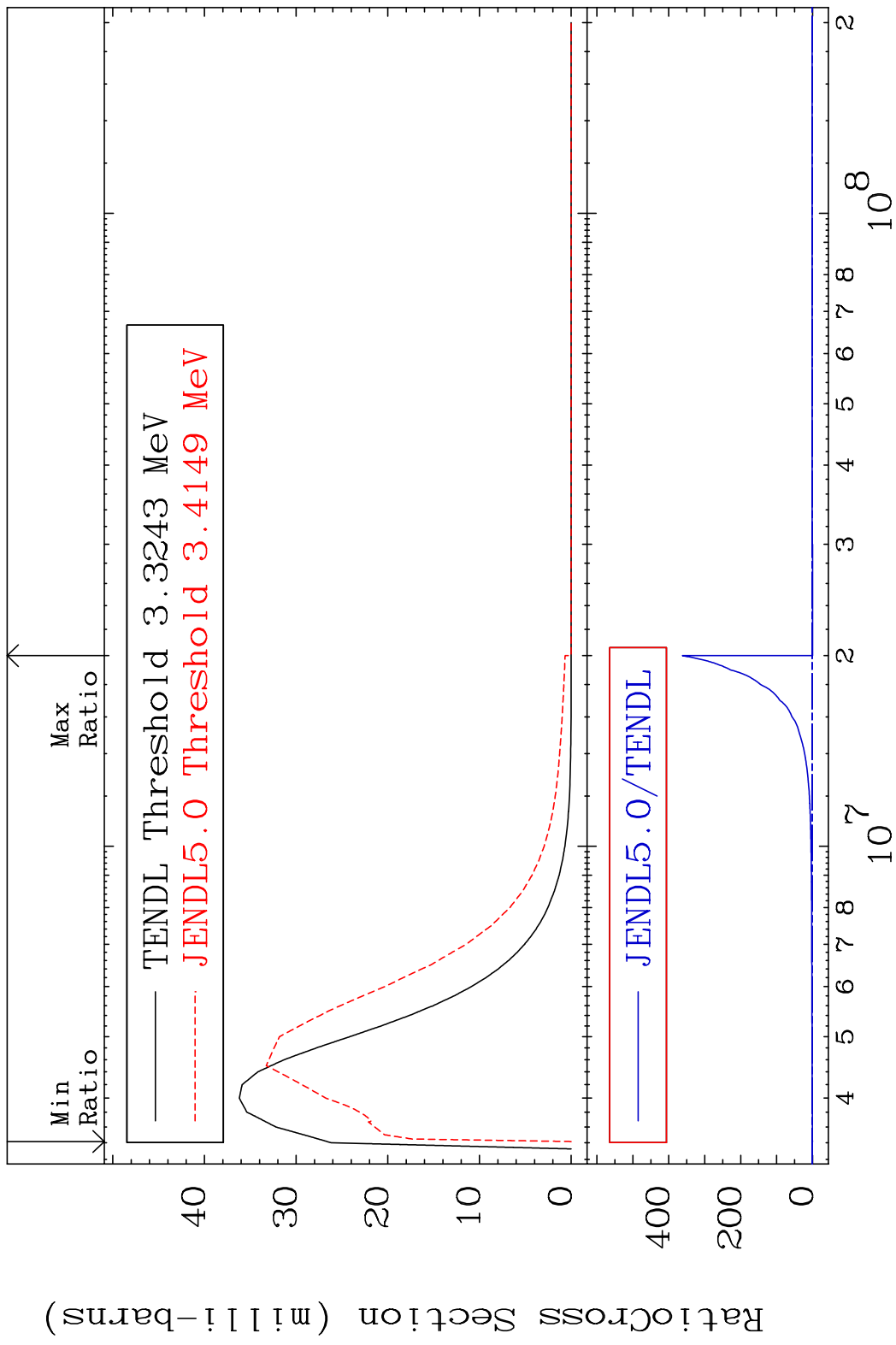


30 Incident Energy (eV) 24-Cr-53

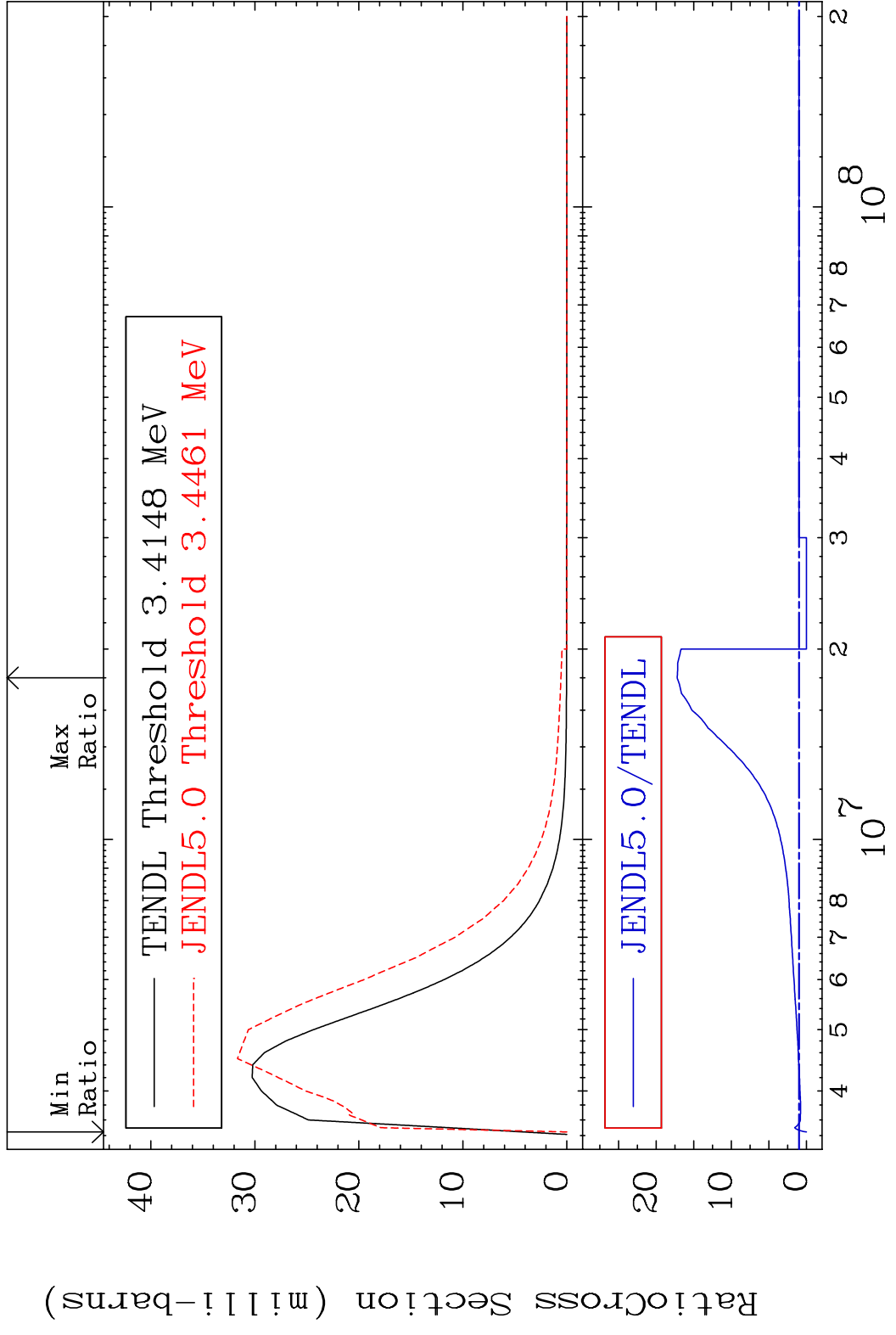
MAT 2434 MT= 73 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 1992. %



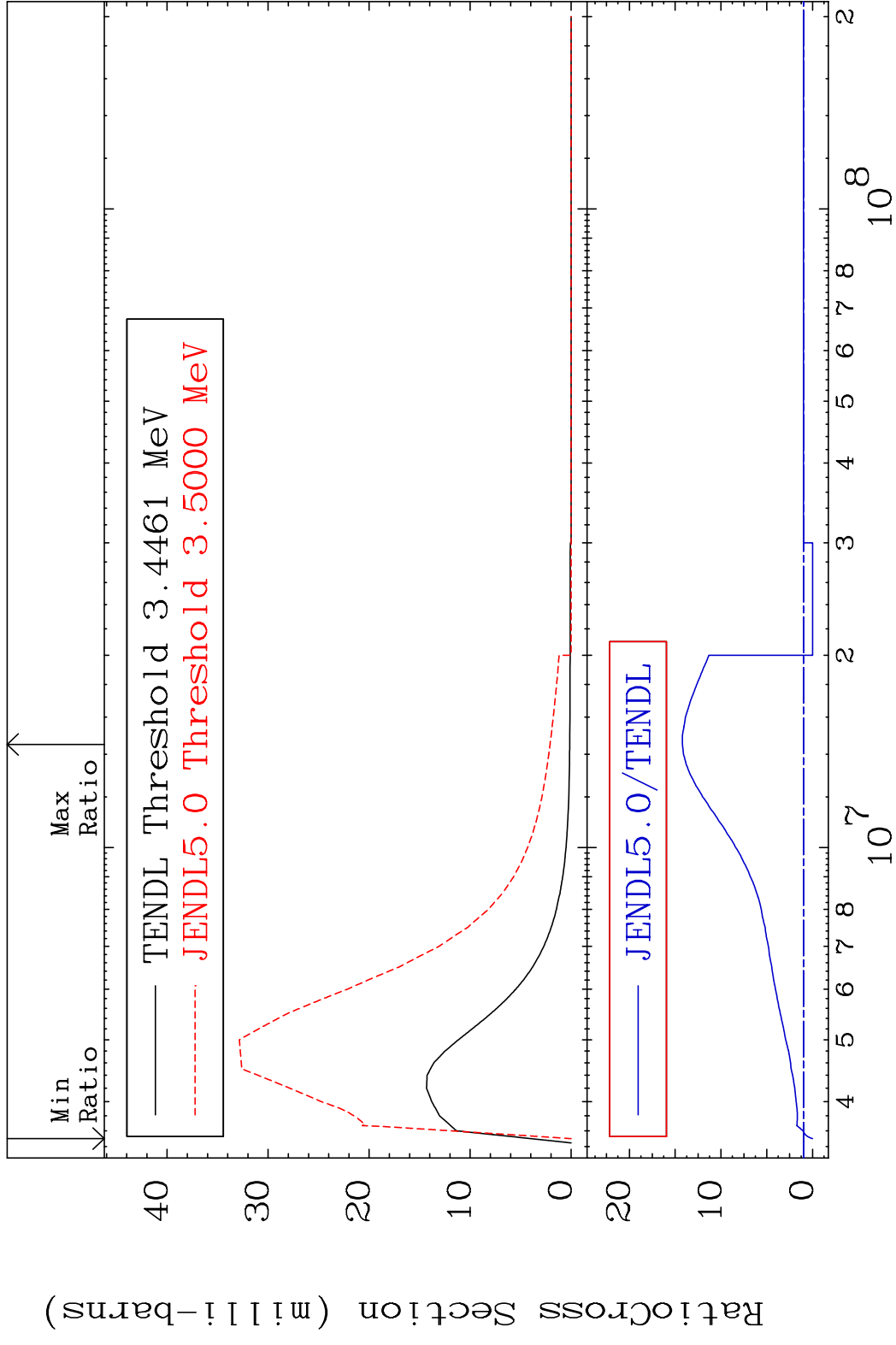
MAT 2434 MT= 74 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



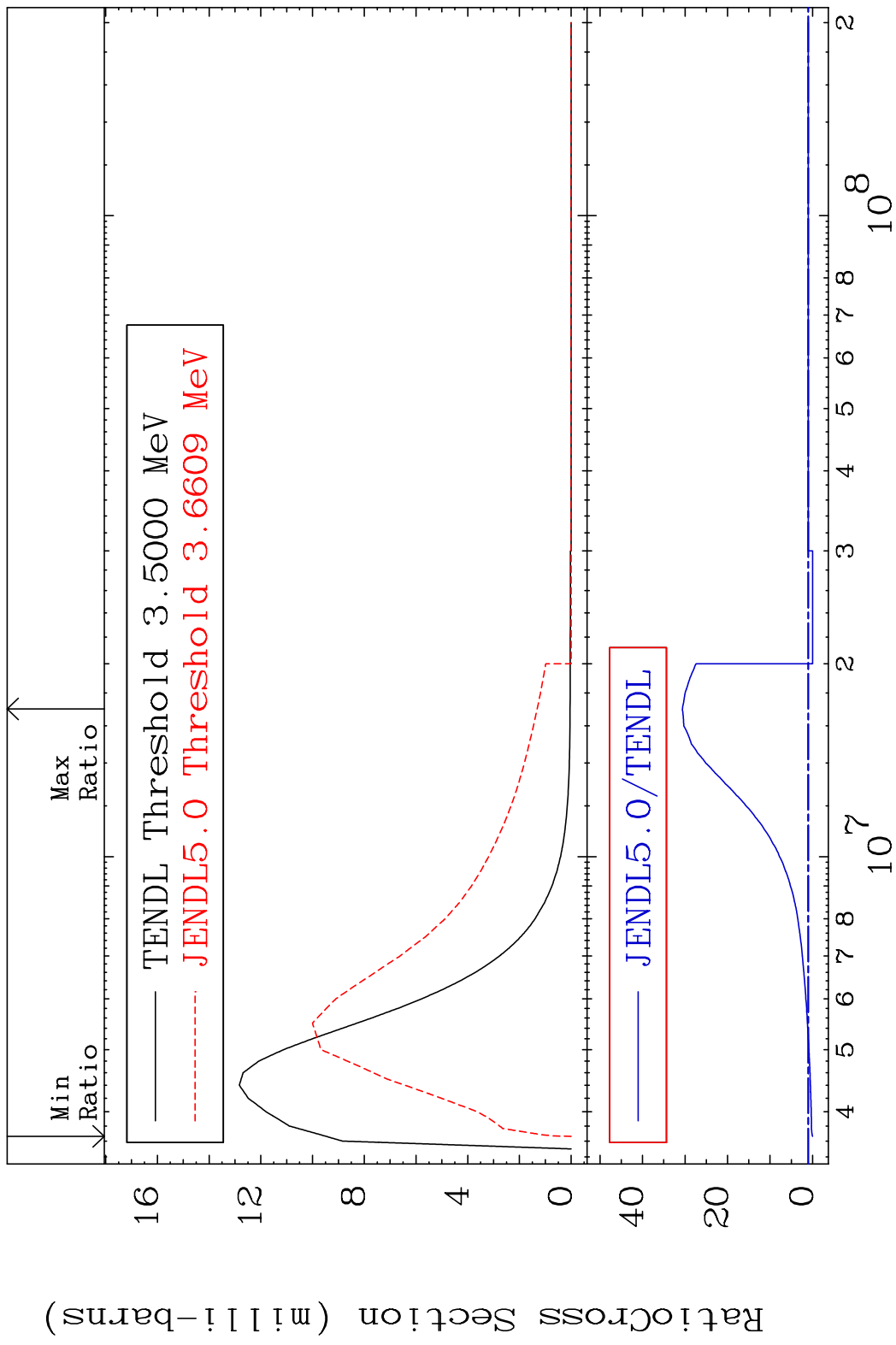
MAT 2434 MT= 75 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 1619. %



MAT 2434 MT= 76 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 1322. %



MAT 2434 MT= 77 (n,n') Level 24-Cr-53
 Cross Section -100.0 To 2963. %

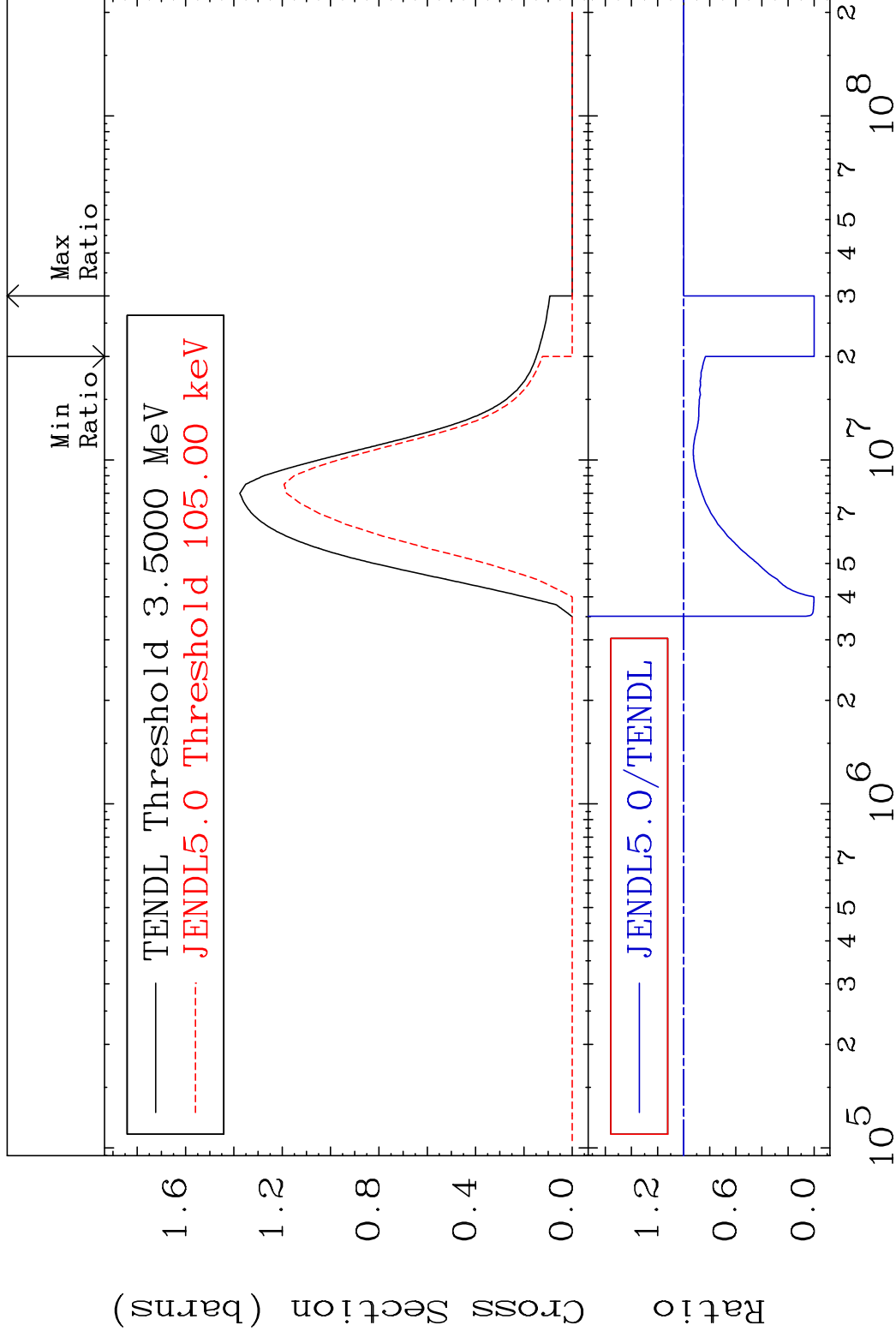


MAT 2434

(n, n') Continuum

²⁴Cr-53

Cross Section -100.0 To 0.000 %



36

Incident Energy (eV)

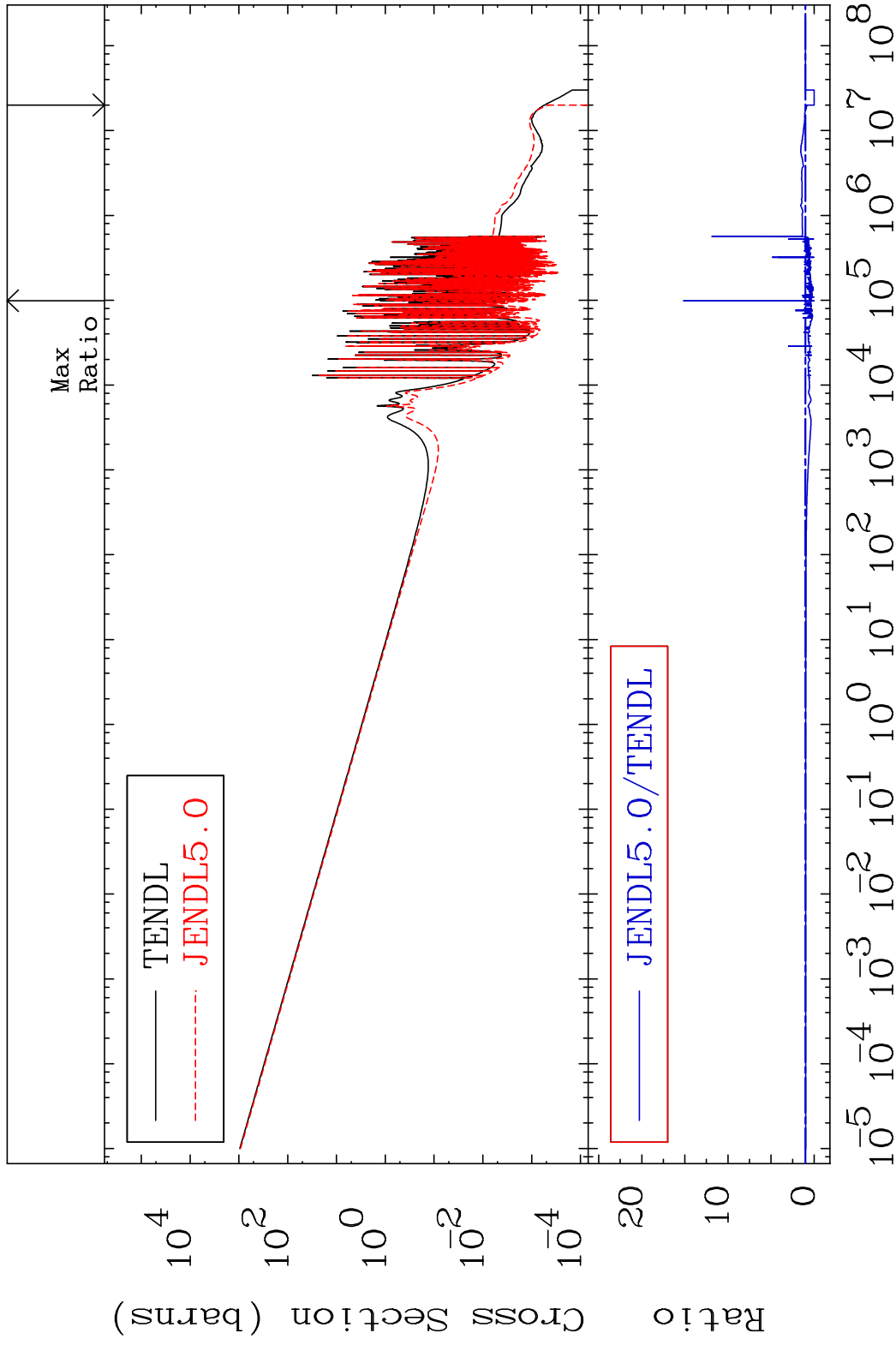
²⁴Cr-53

MAT 2434

(n, γ)

24-Cr-53

Cross Section -100.0 To 1414. %



37

Incident Energy (eV)

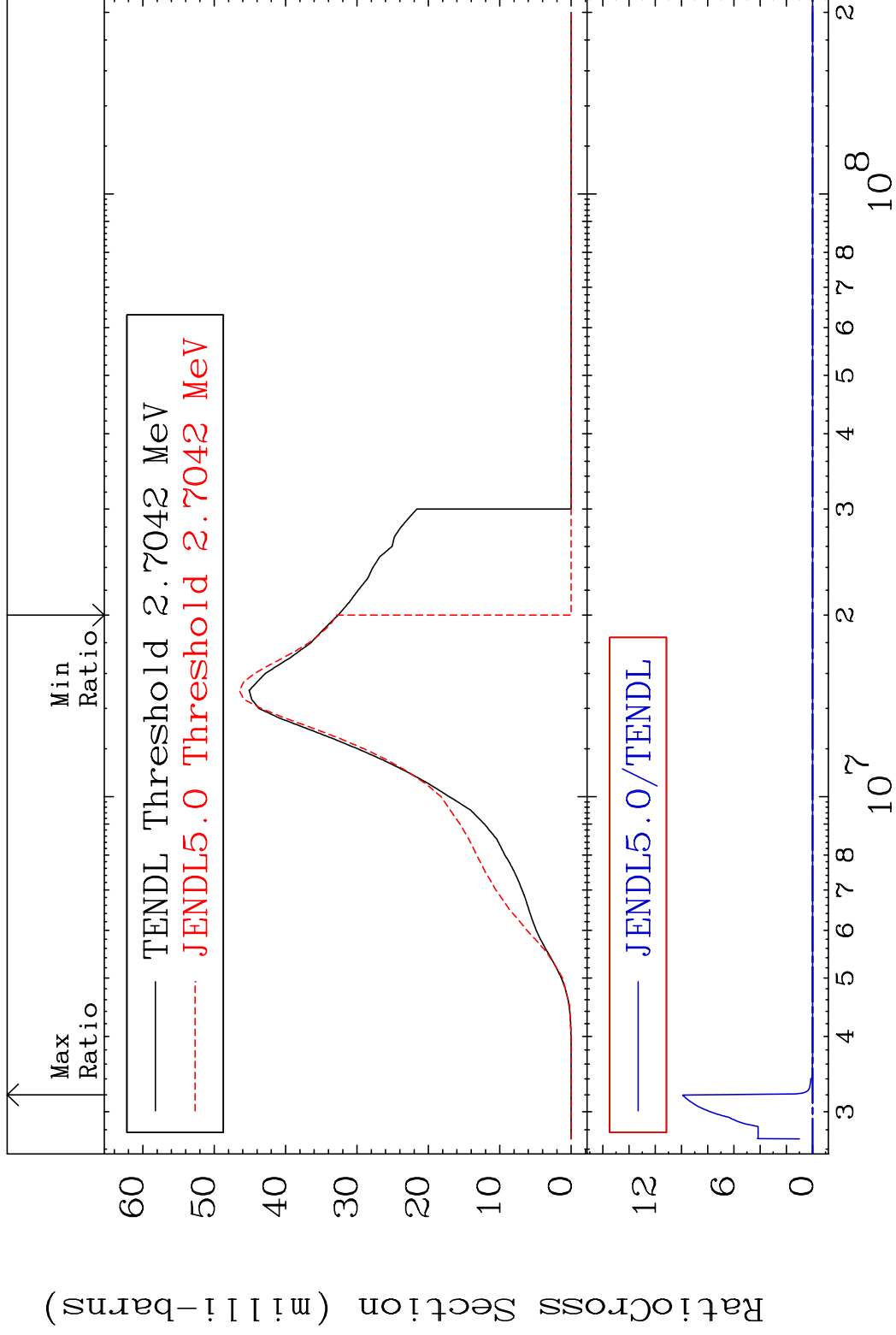
24-Cr-53

MAT 2434

(n, p)

²⁴Cr-53

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

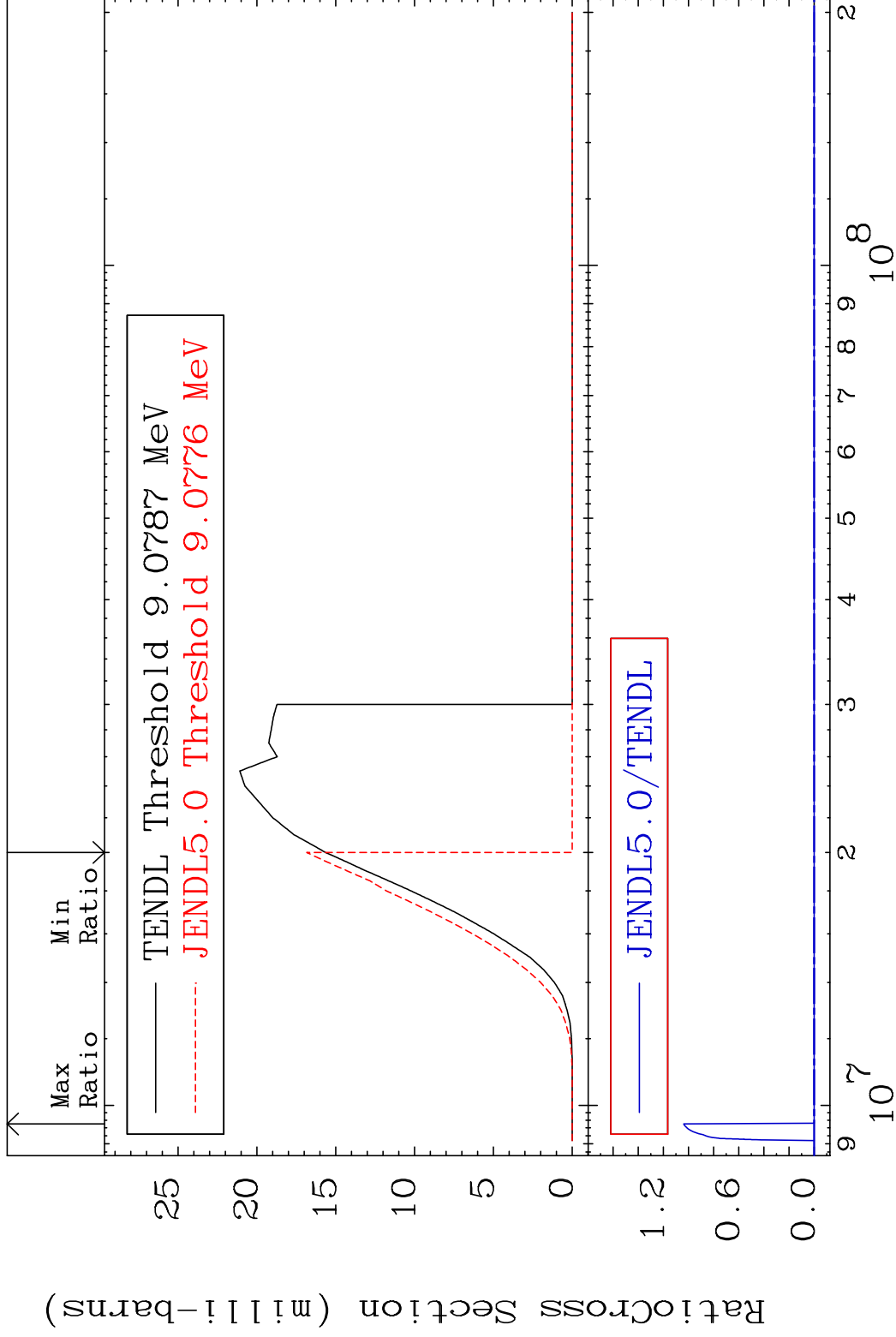
²⁴Cr-53

MAT 2434

(n,d)

²⁴Cr-53

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

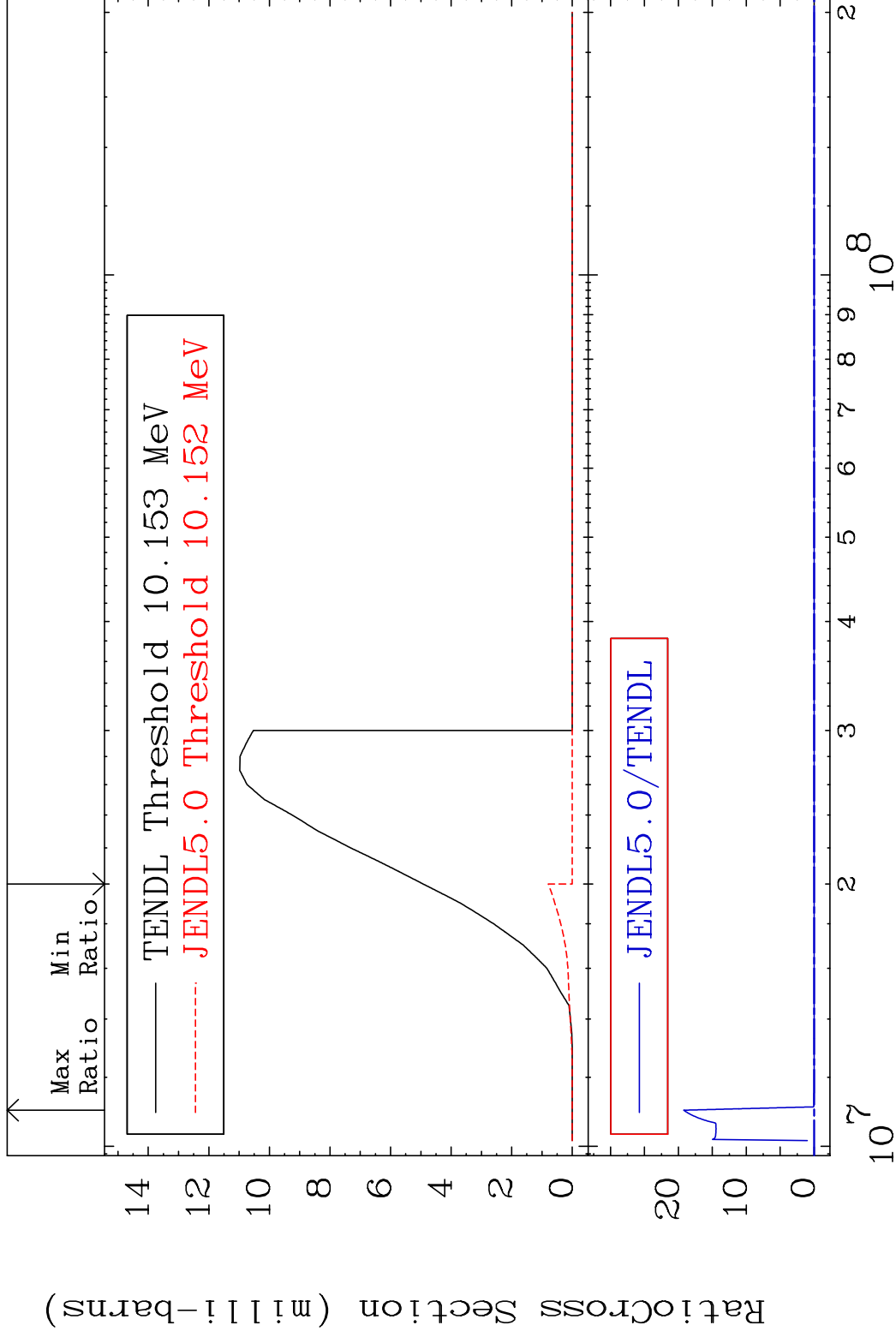
²⁴Cr-53

MAT 2434

(n, t)

24-Cr-53

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

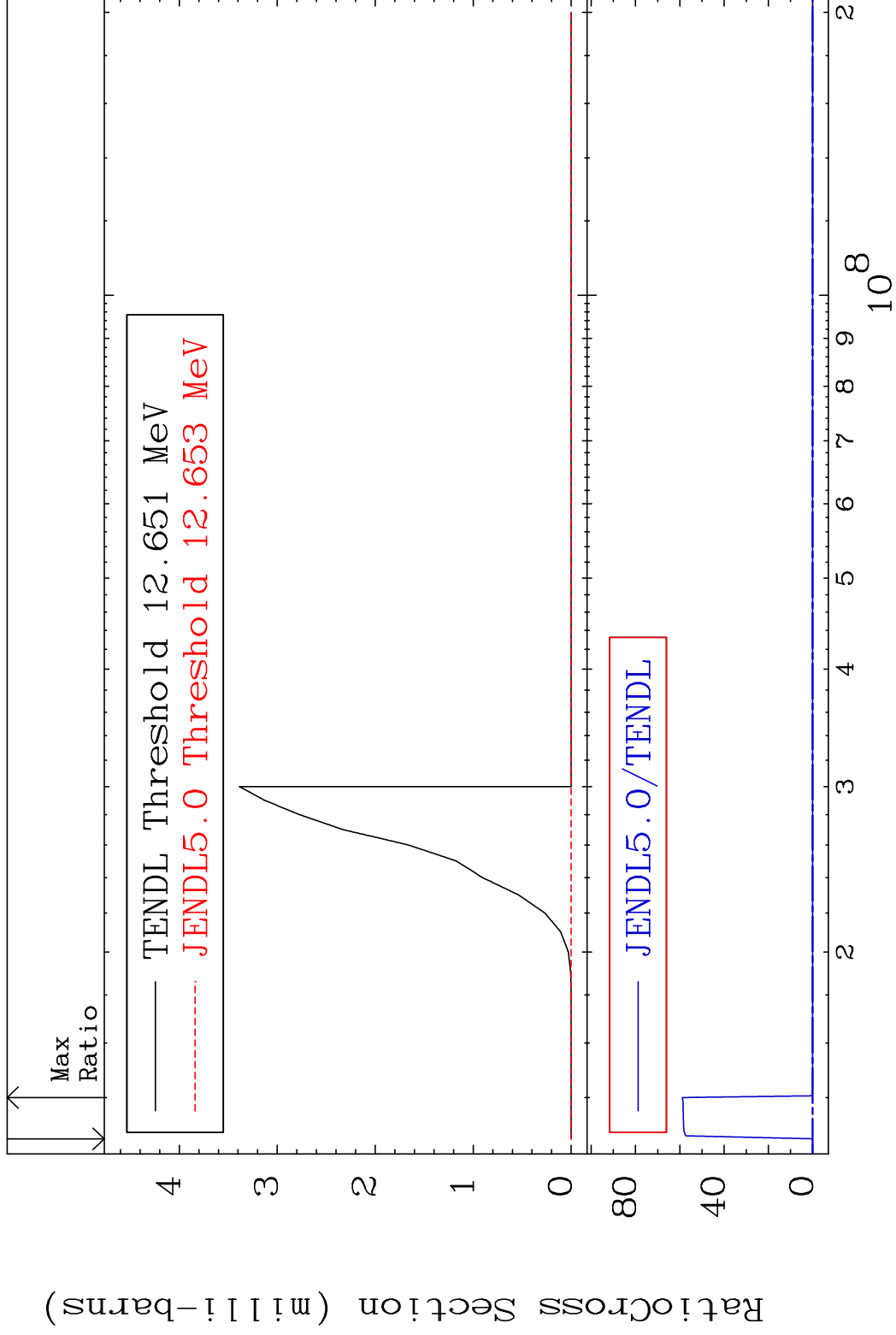
24-Cr-53

MAT 2434

(n, He-3)

²⁴Cr-53

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

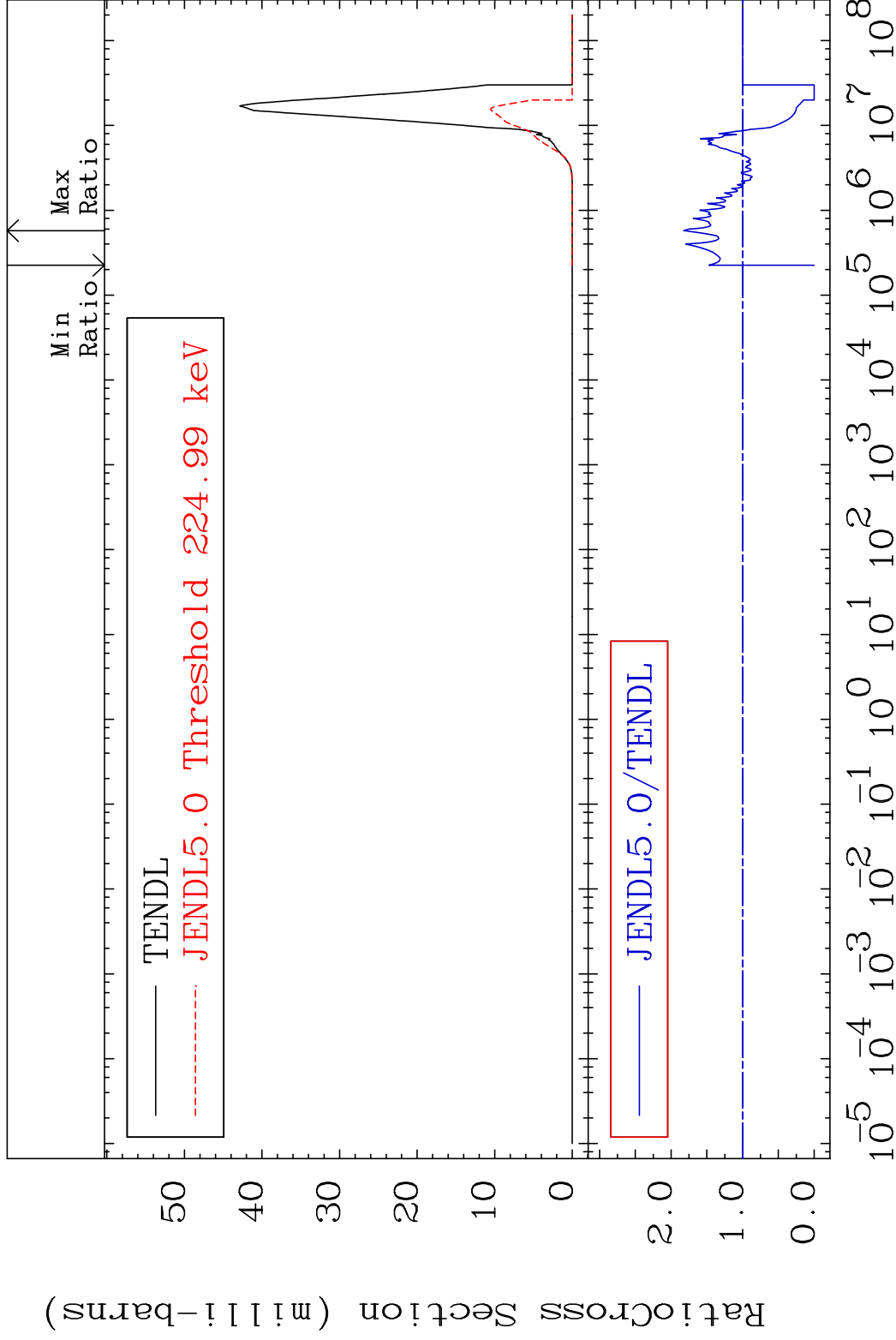
²⁴Cr-53

MAT 2434

(n, α)

24-Cr-53

Cross Section -100.0 To 82.43 %



42

Incident Energy (eV)

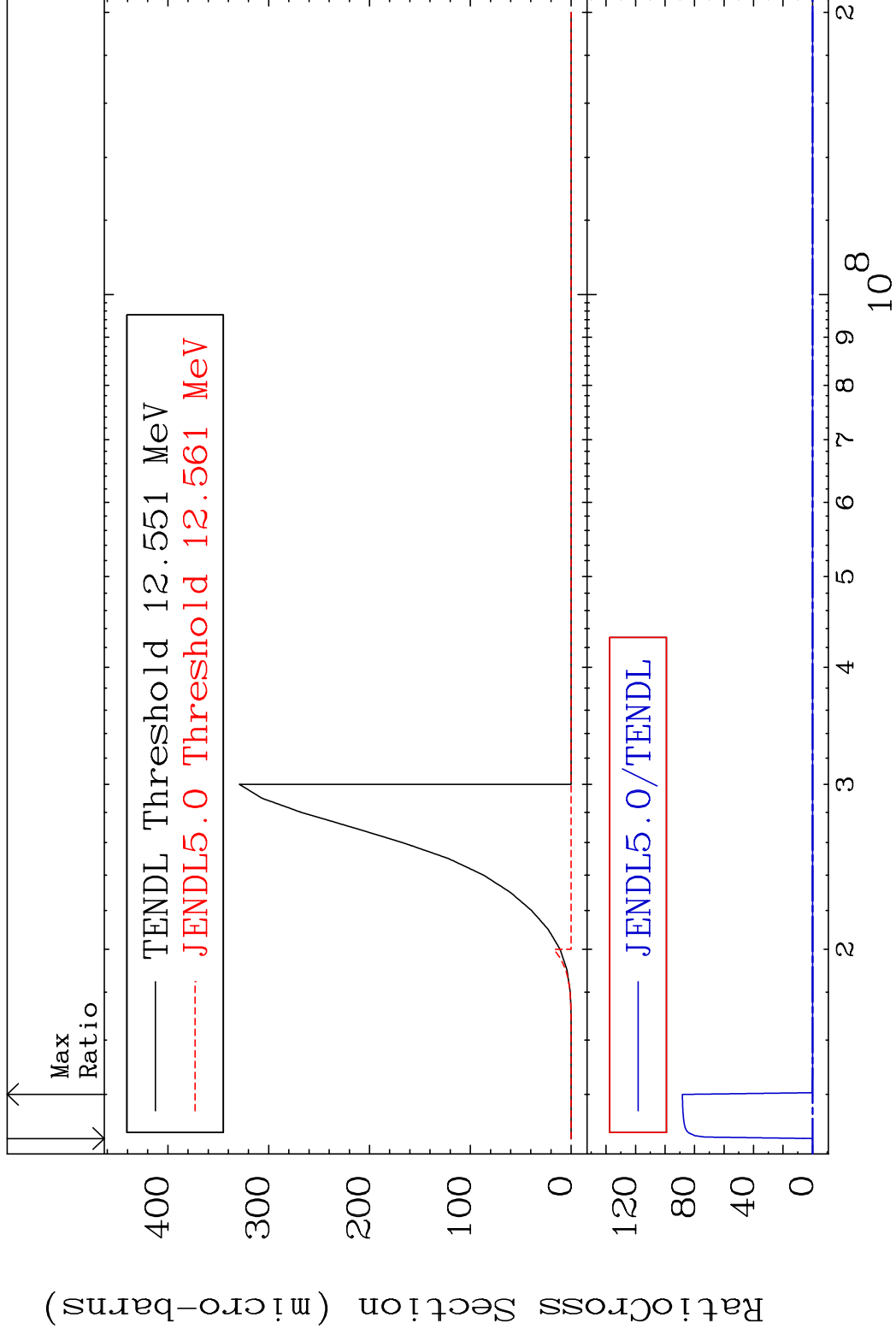
24-Cr-53

MAT 2434

(n,2p)

²⁴Cr-53

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

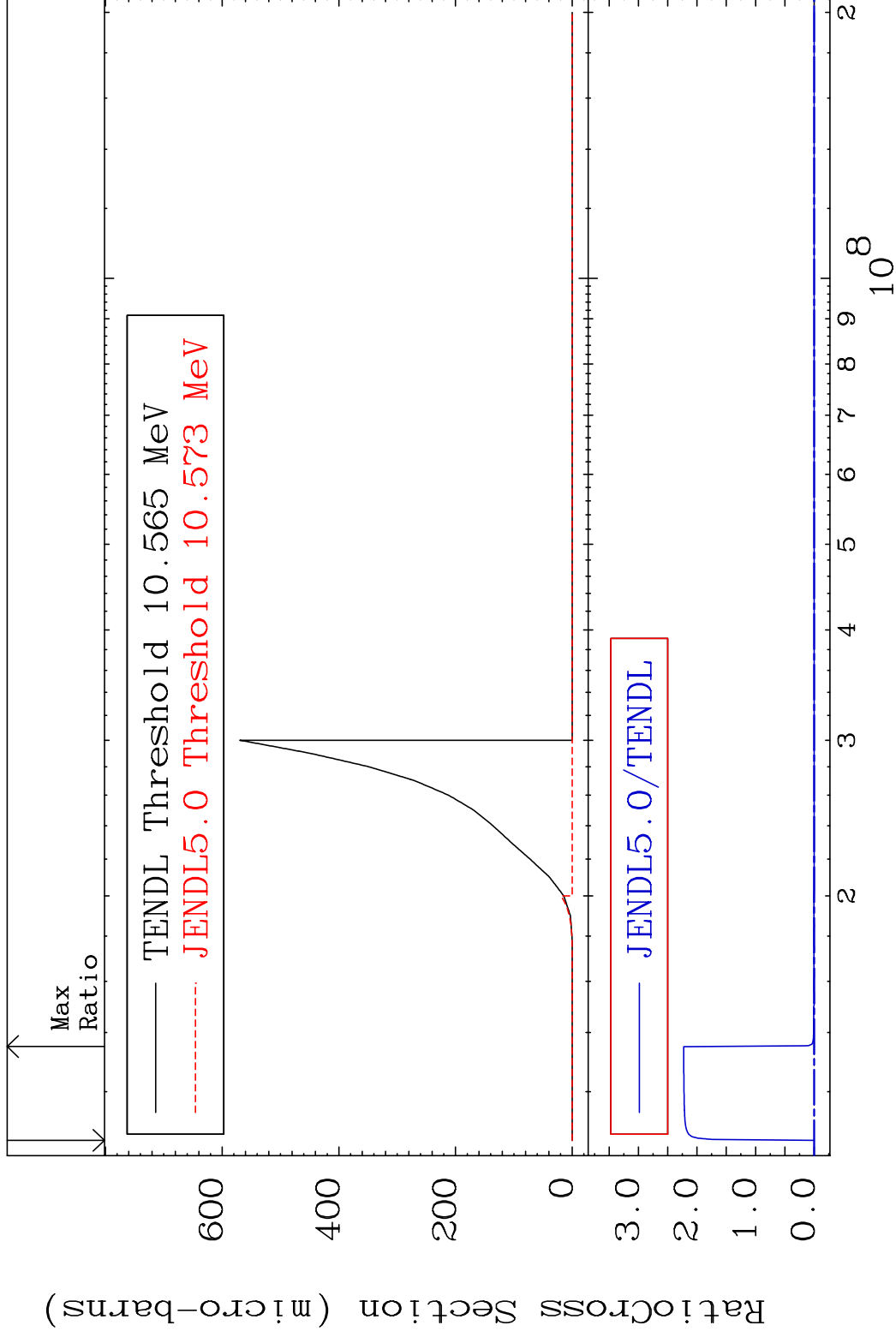
²⁴Cr-53

MAT 2434

(n,p) α

24-Cr-53

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

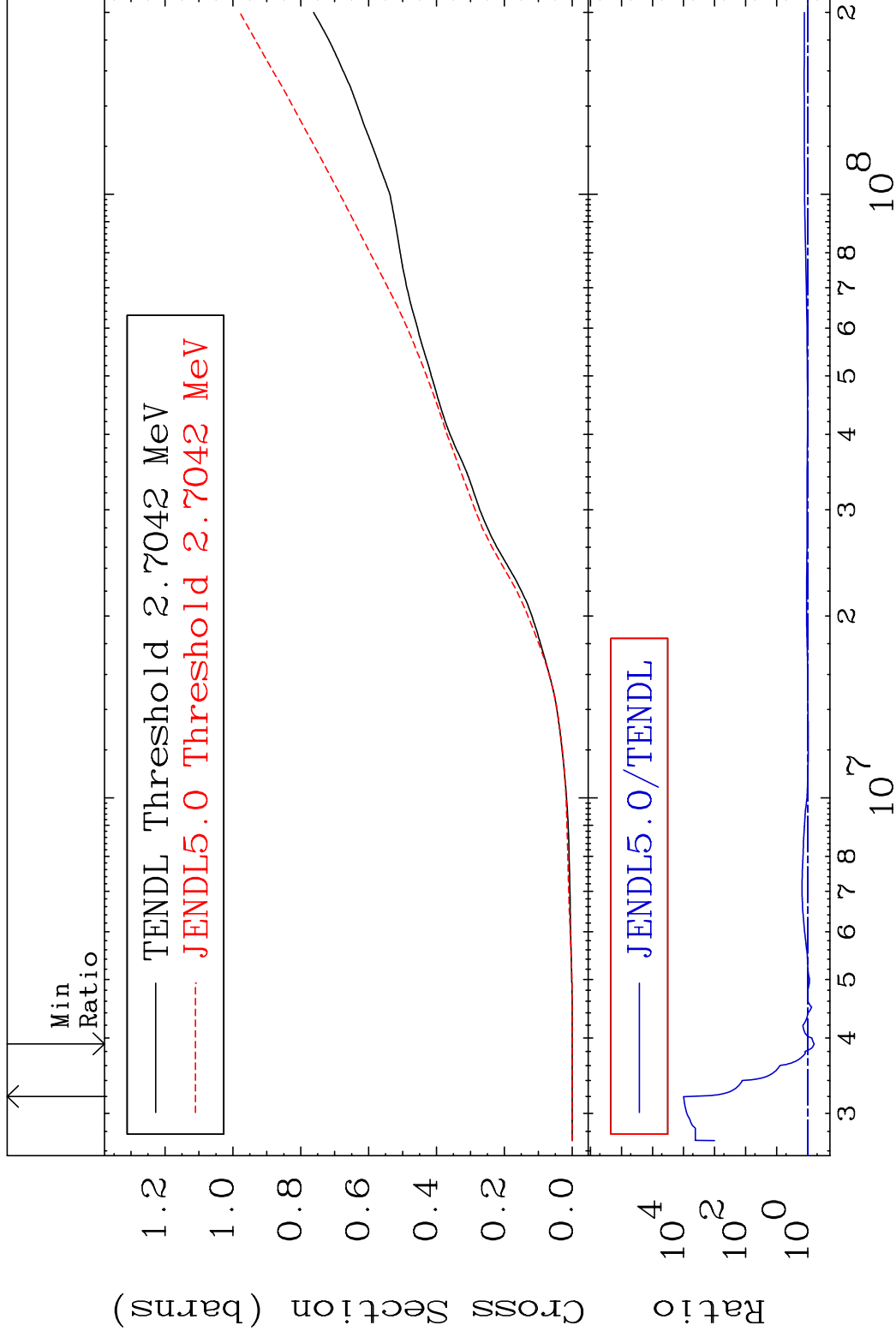
24-Cr-53

MAT 2434

Hydrogen Production

24-Cr-53

Cross Section -37.23 To 9999. %



45

Incident Energy (eV)

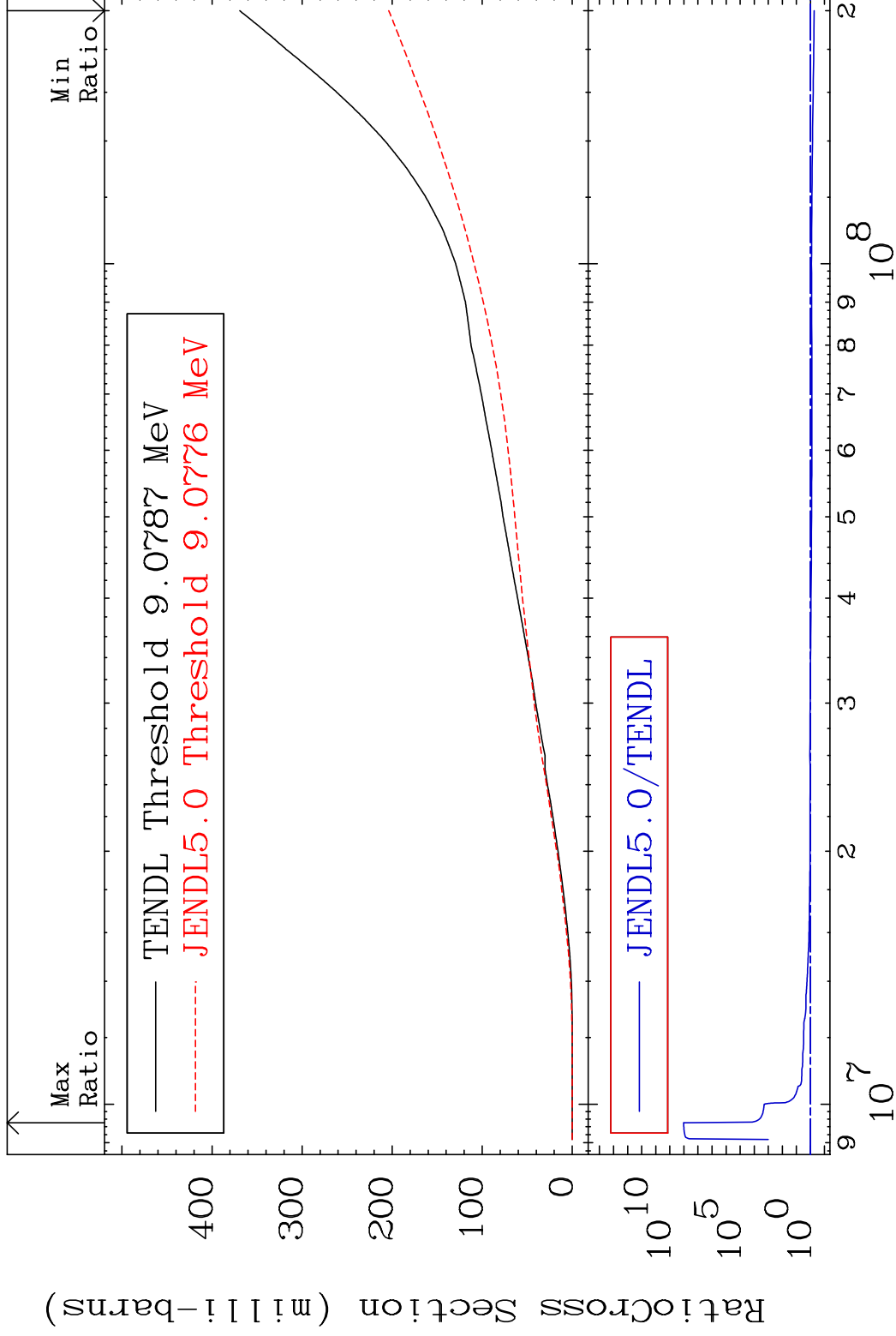
24-Cr-53

MAT 2434

Deuterium Production

24-Cr-53

Cross Section -44.82 To 9999. %

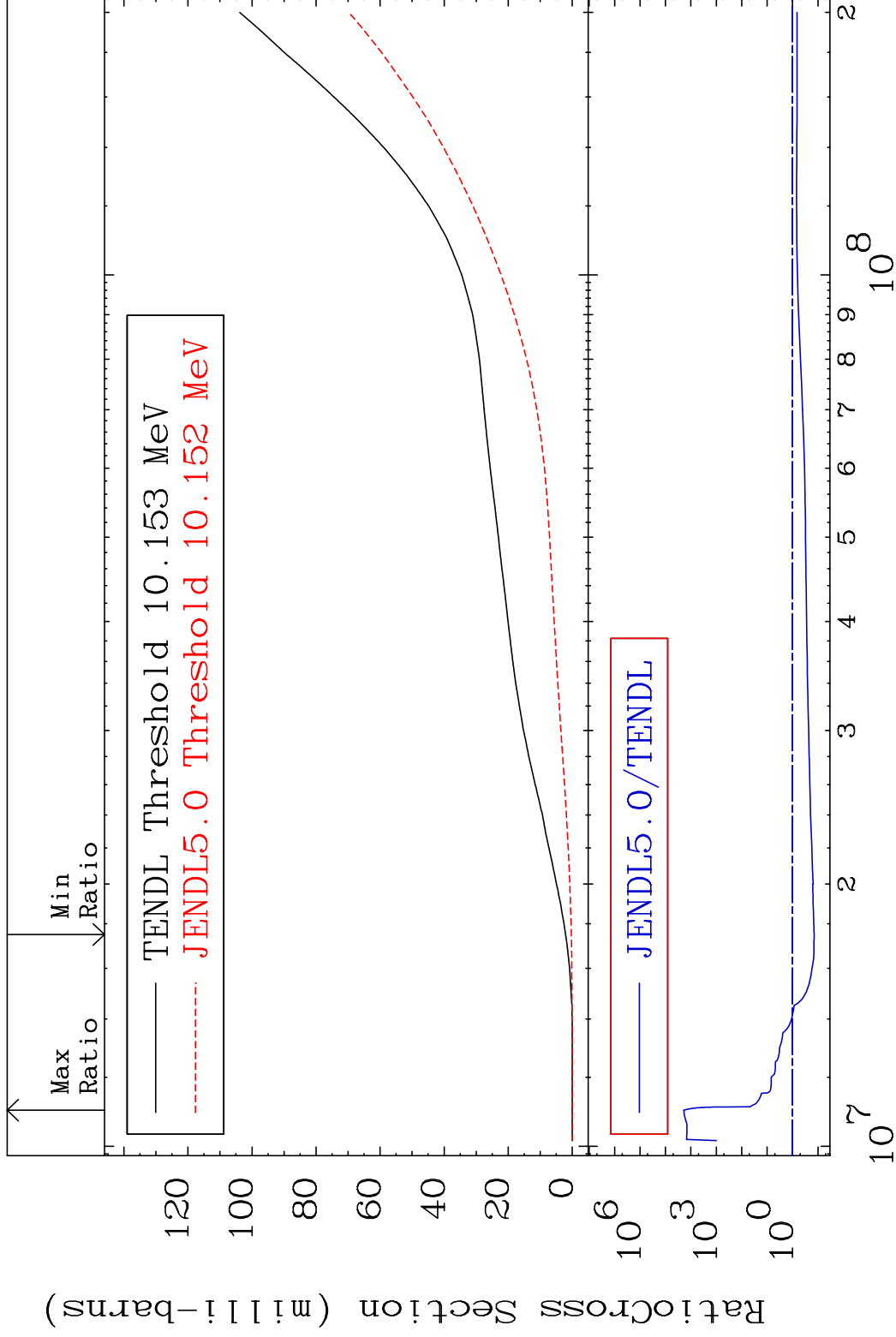


MAT 2434

Tritium Production

24-Cr-53

Cross Section -85.80 To 9999. %



47

Incident Energy (eV)

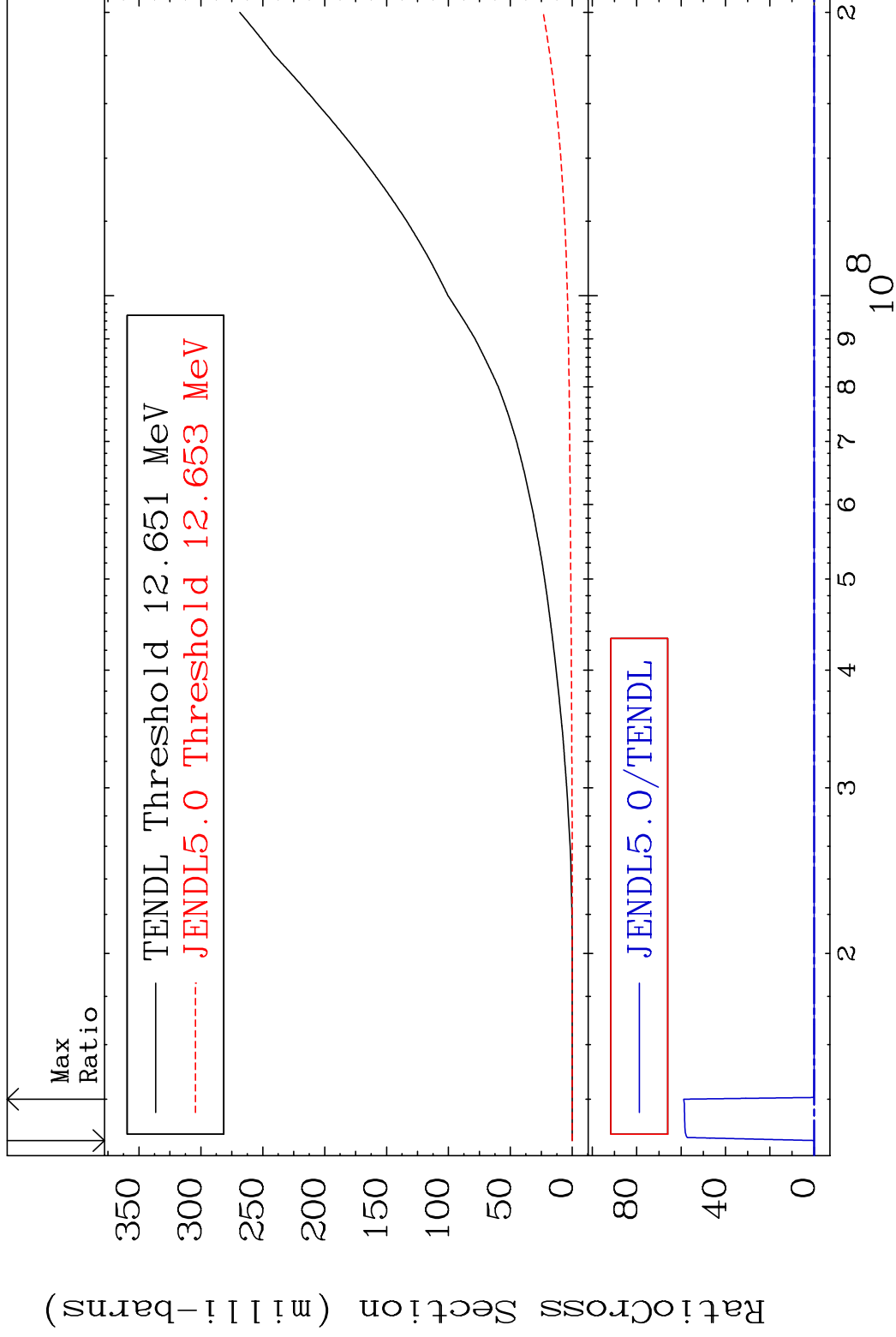
24-Cr-53

MAT 2434

He-3 Production

²⁴Cr-53

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

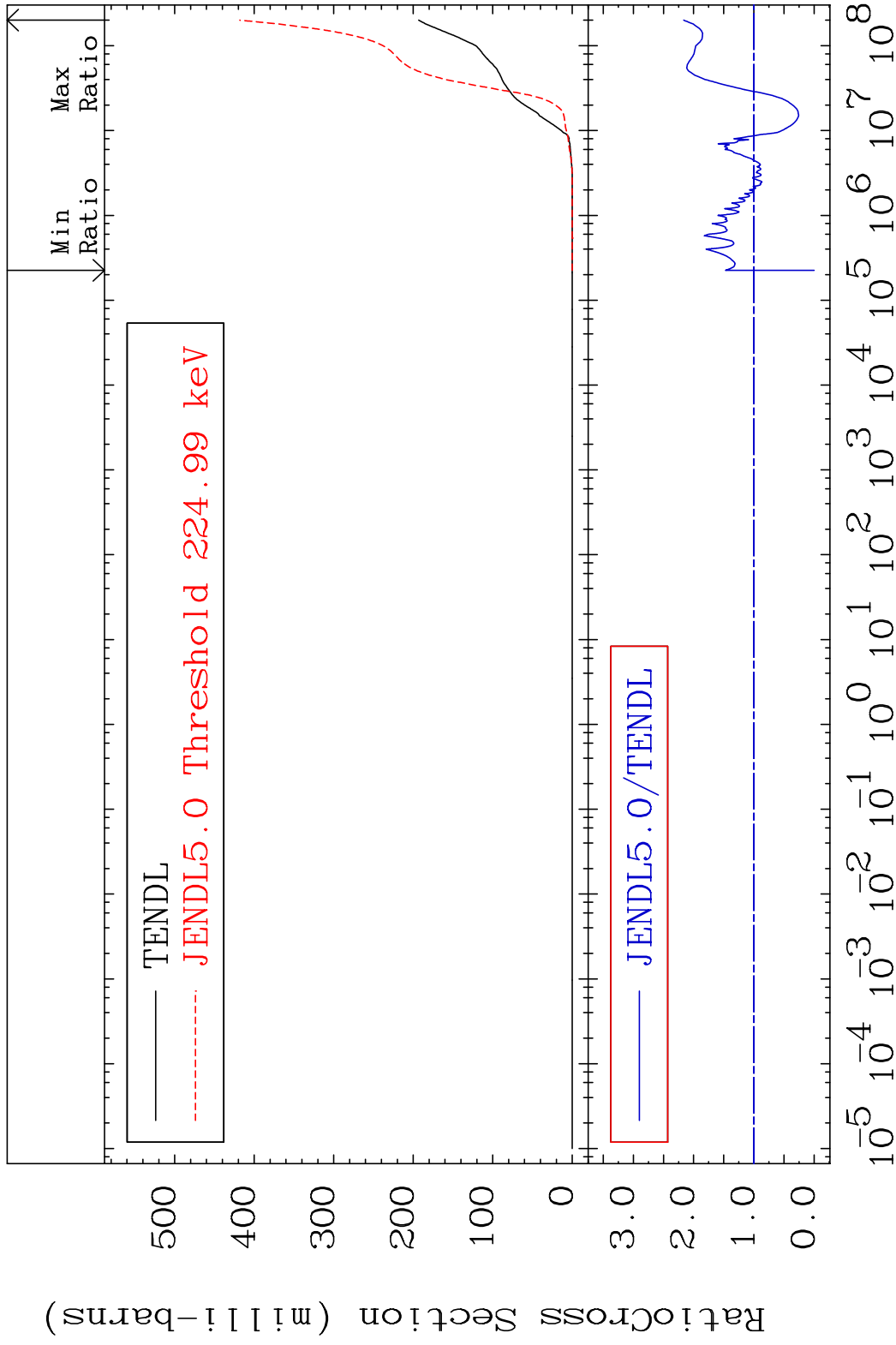
²⁴Cr-53

MAT 2434

He-4 Production

²⁴Cr-53

Cross Section -100.0 To 116.5 %



49

Incident Energy (eV)

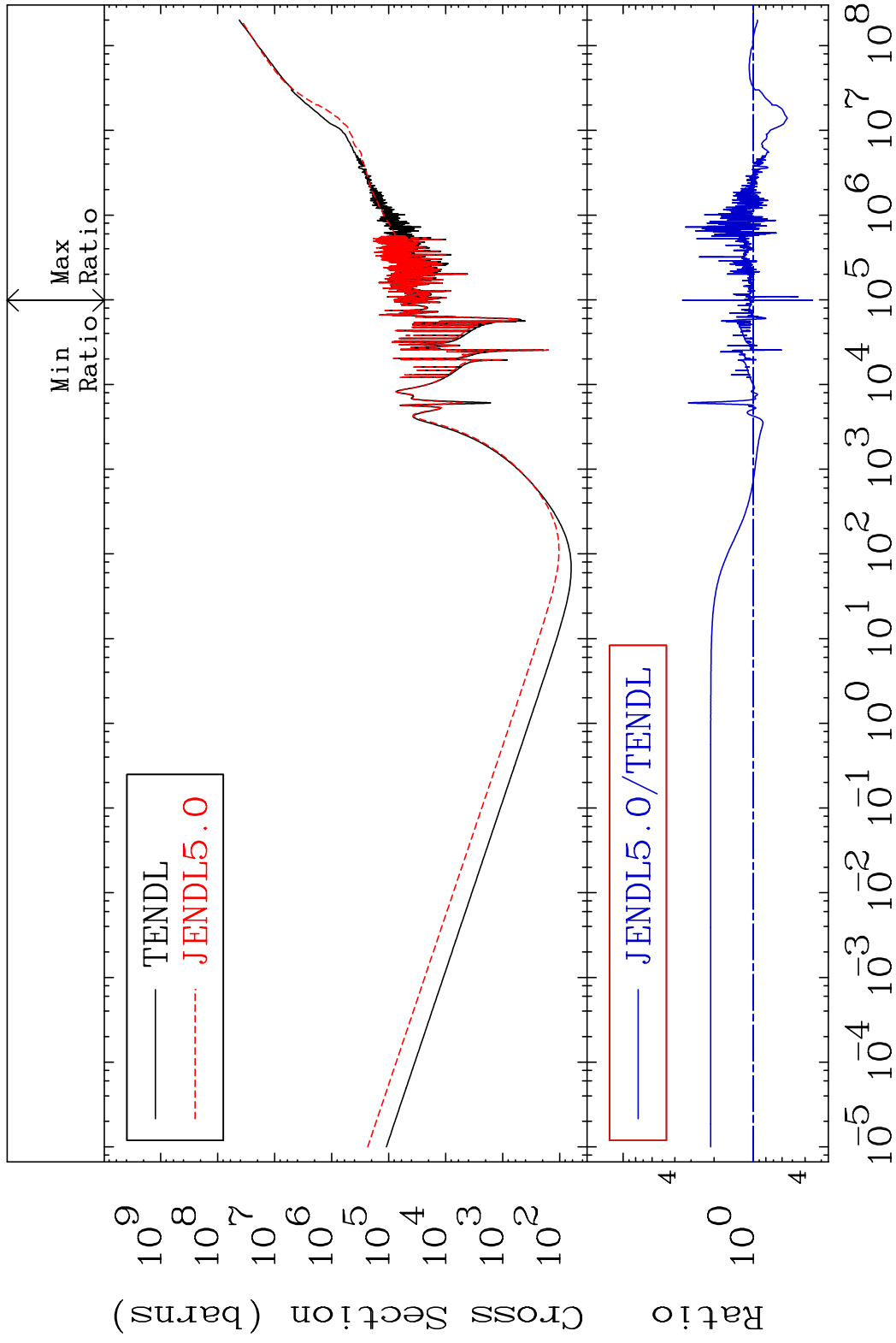
²⁴Cr-53

MAT 2434

Kerma total (eV-barns)

24-Cr-53

Cross Section -65.03 To 250.4 %



50

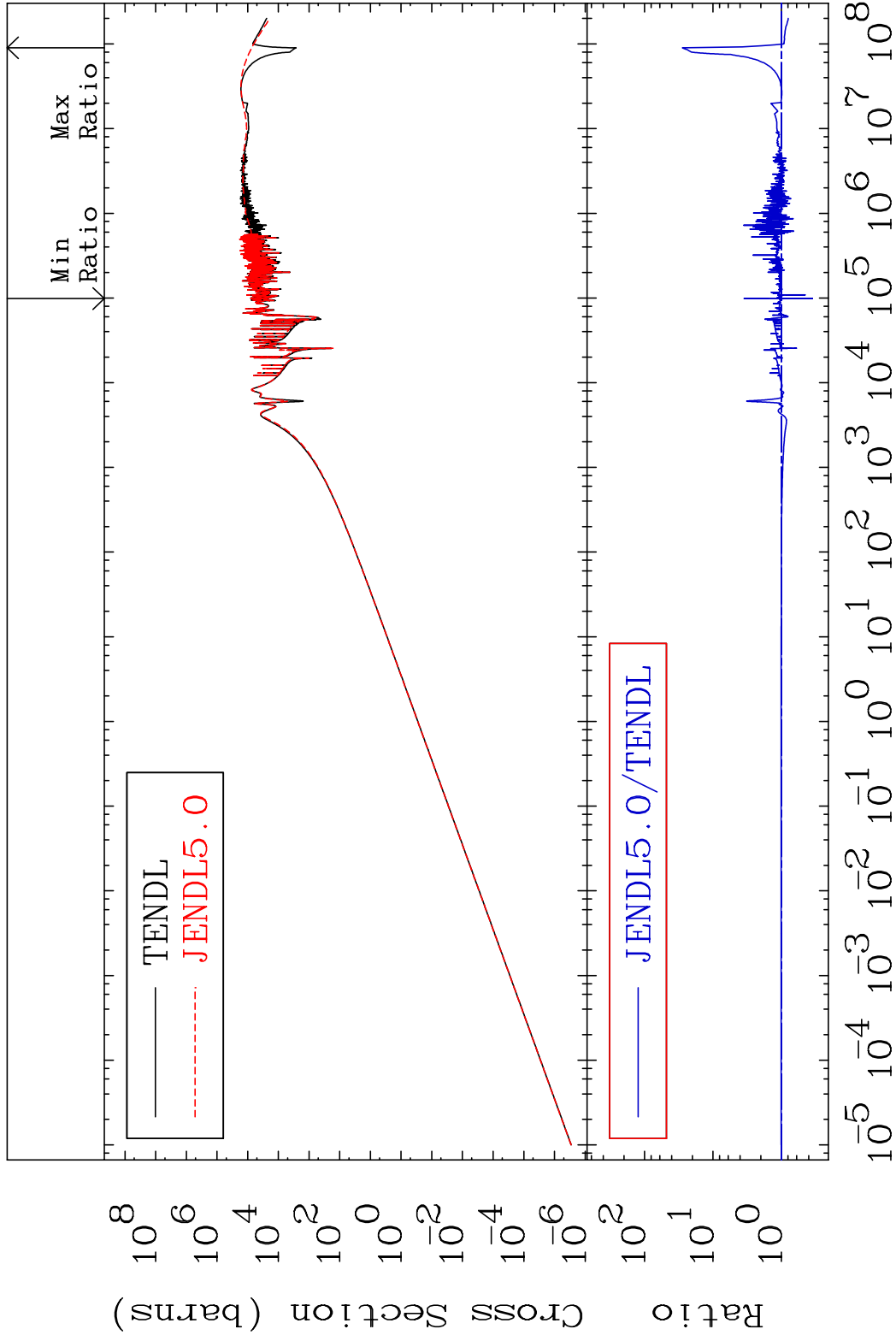
Incident Energy (eV)

24-Cr-53

MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-64.97 To 2701. %

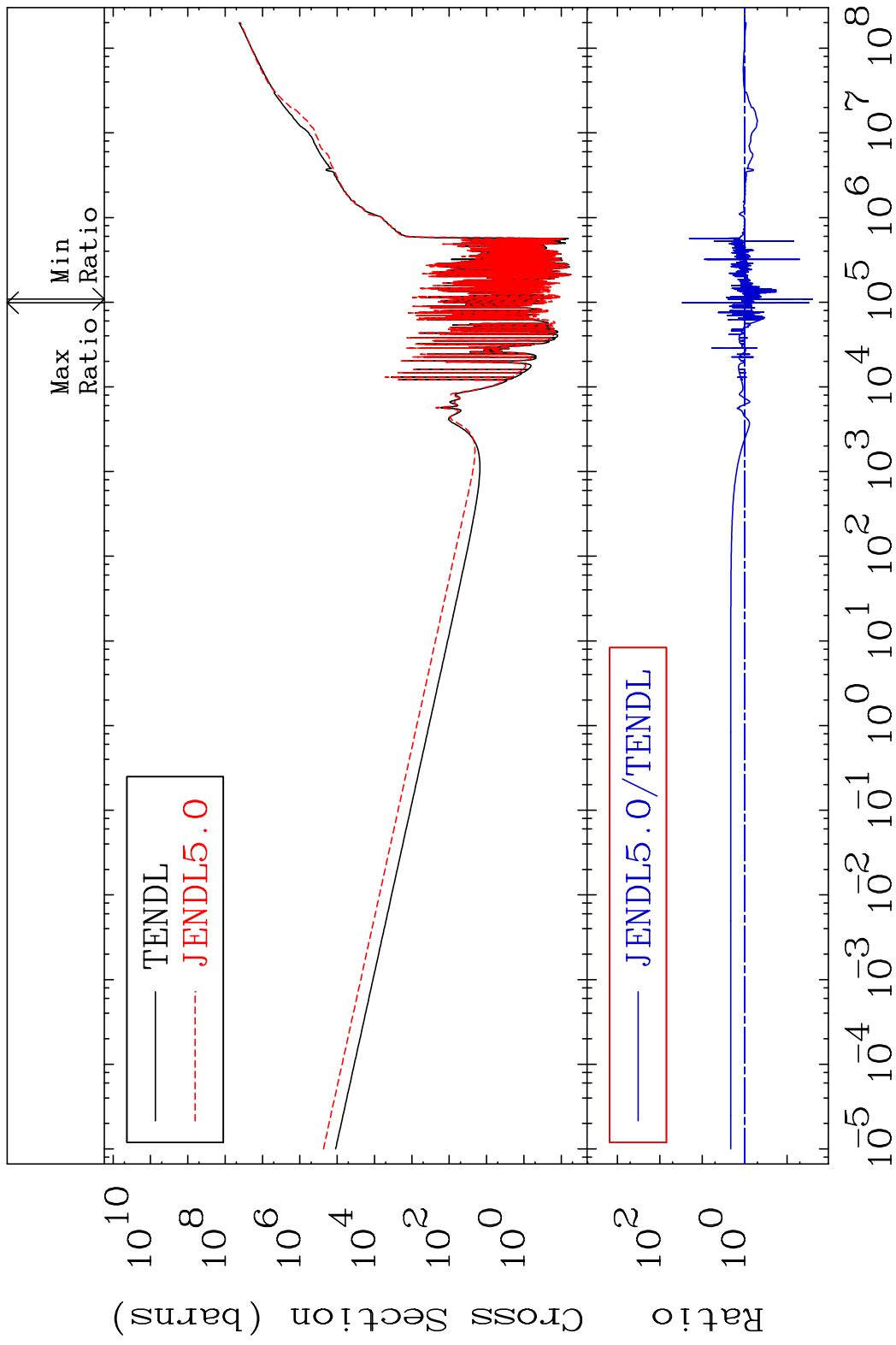


51

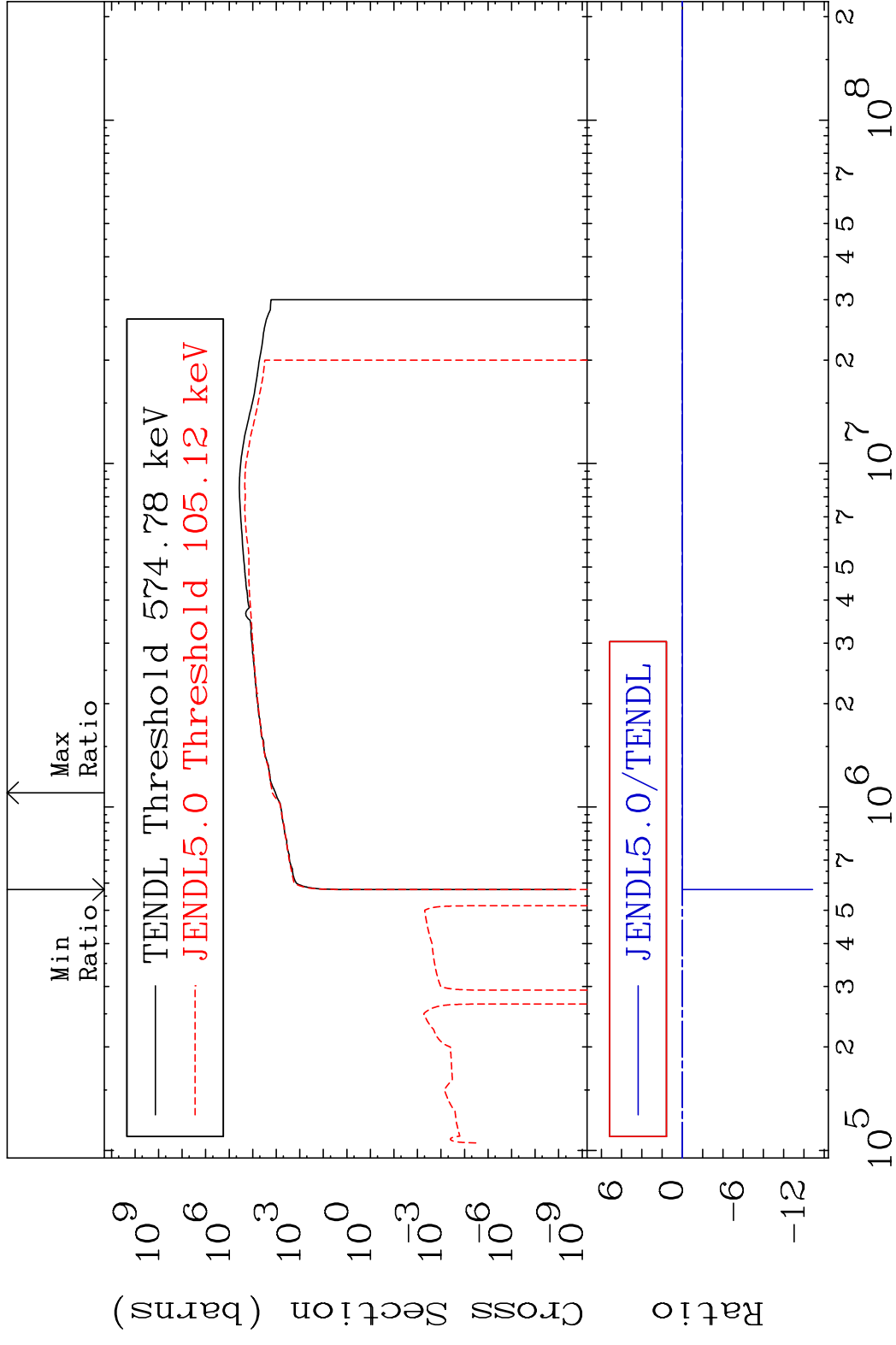
Incident Energy (eV)

24-Cr-53

MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
 Cross Section -97.50 To 2831. %

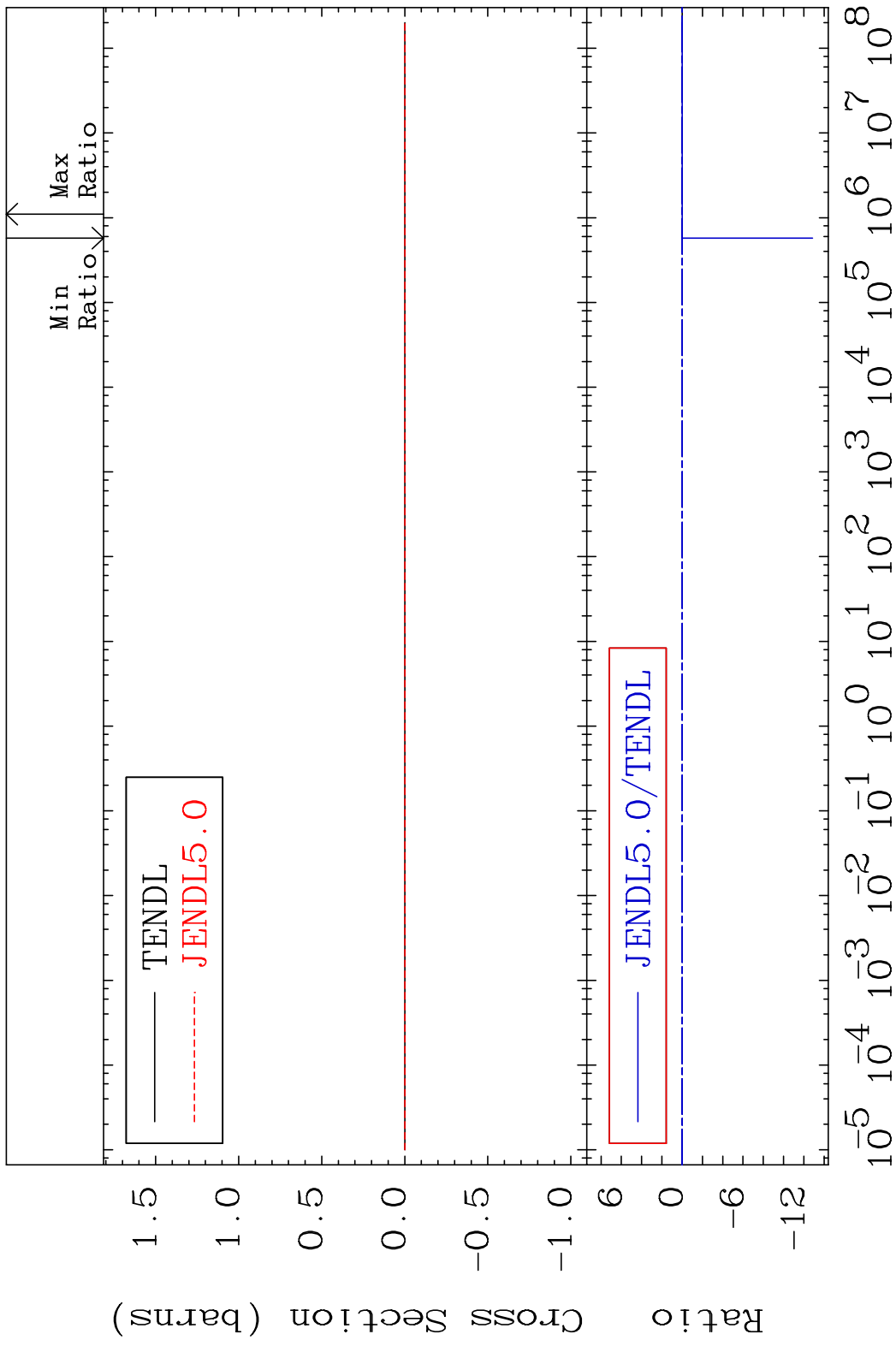


MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 Cross Section -9999. To 35.77 %

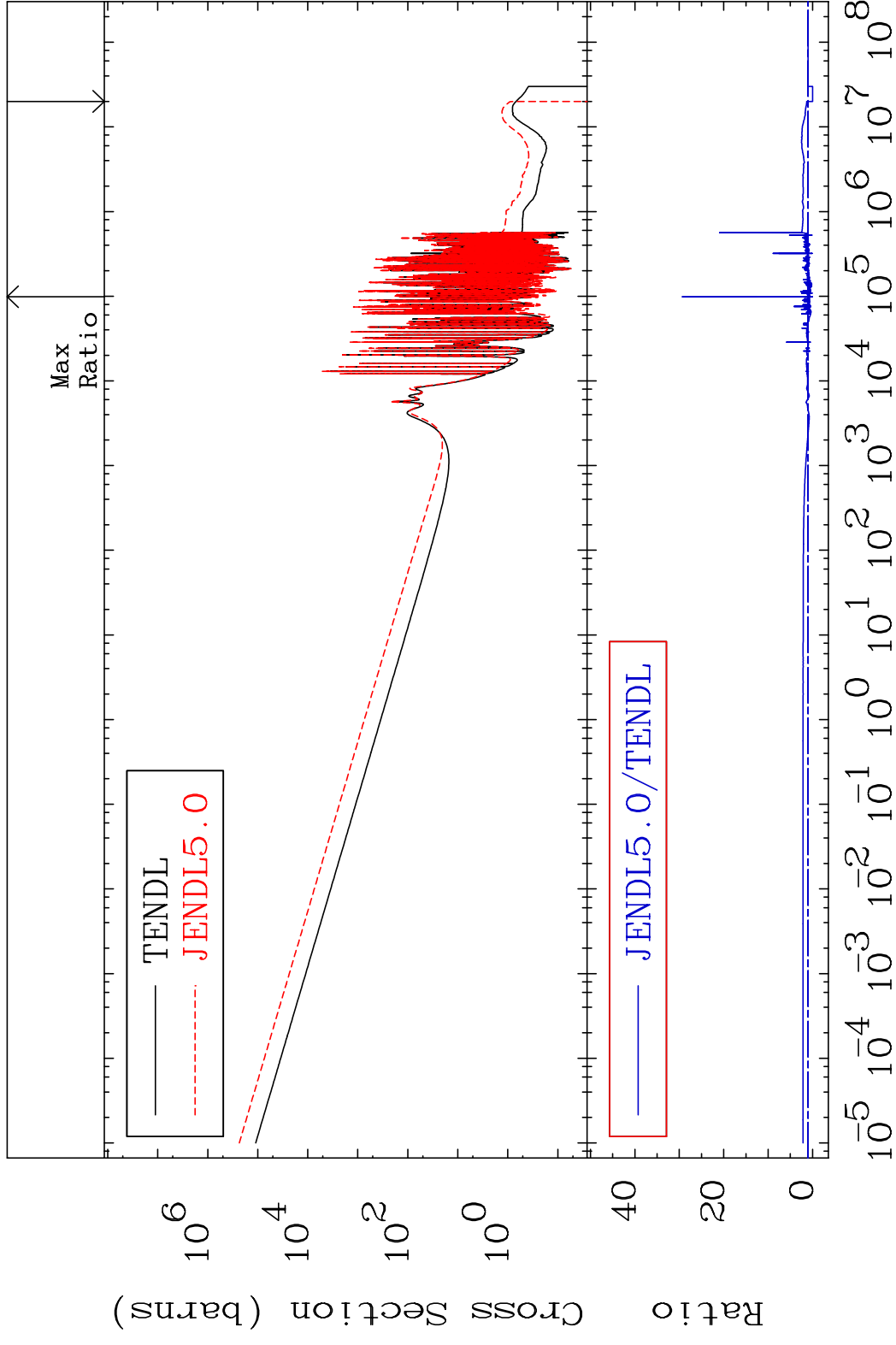


53 Incident Energy (eV) 24-Cr-53

MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53
 Cross Section -9999. To 35.77 %



MAT 2434 Kerma capture (mt102) 24-Cr-53
 Cross Section -100.0 To 2831. %



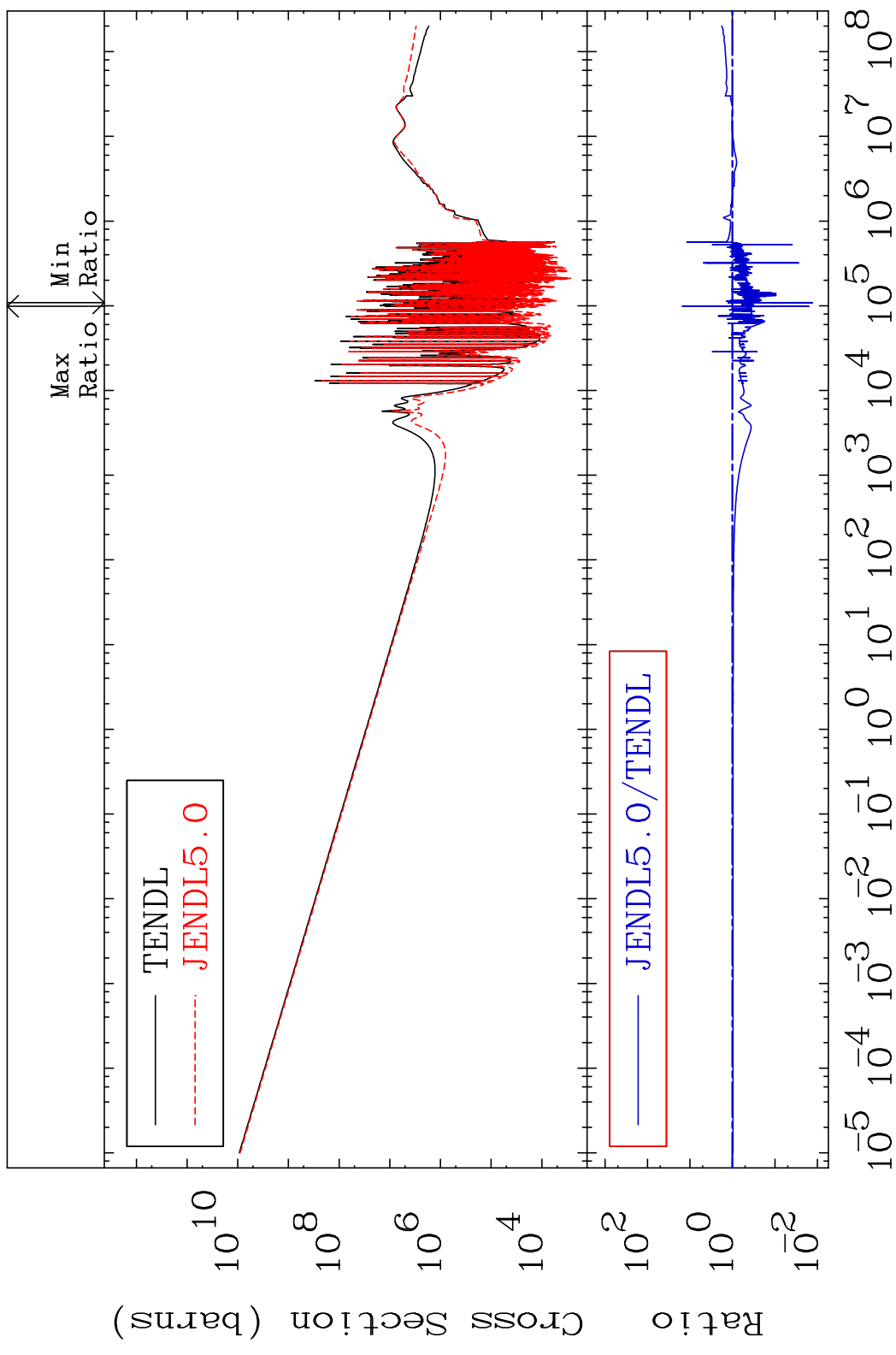
55 Incident Energy (eV) 24-Cr-53

MAT 2434

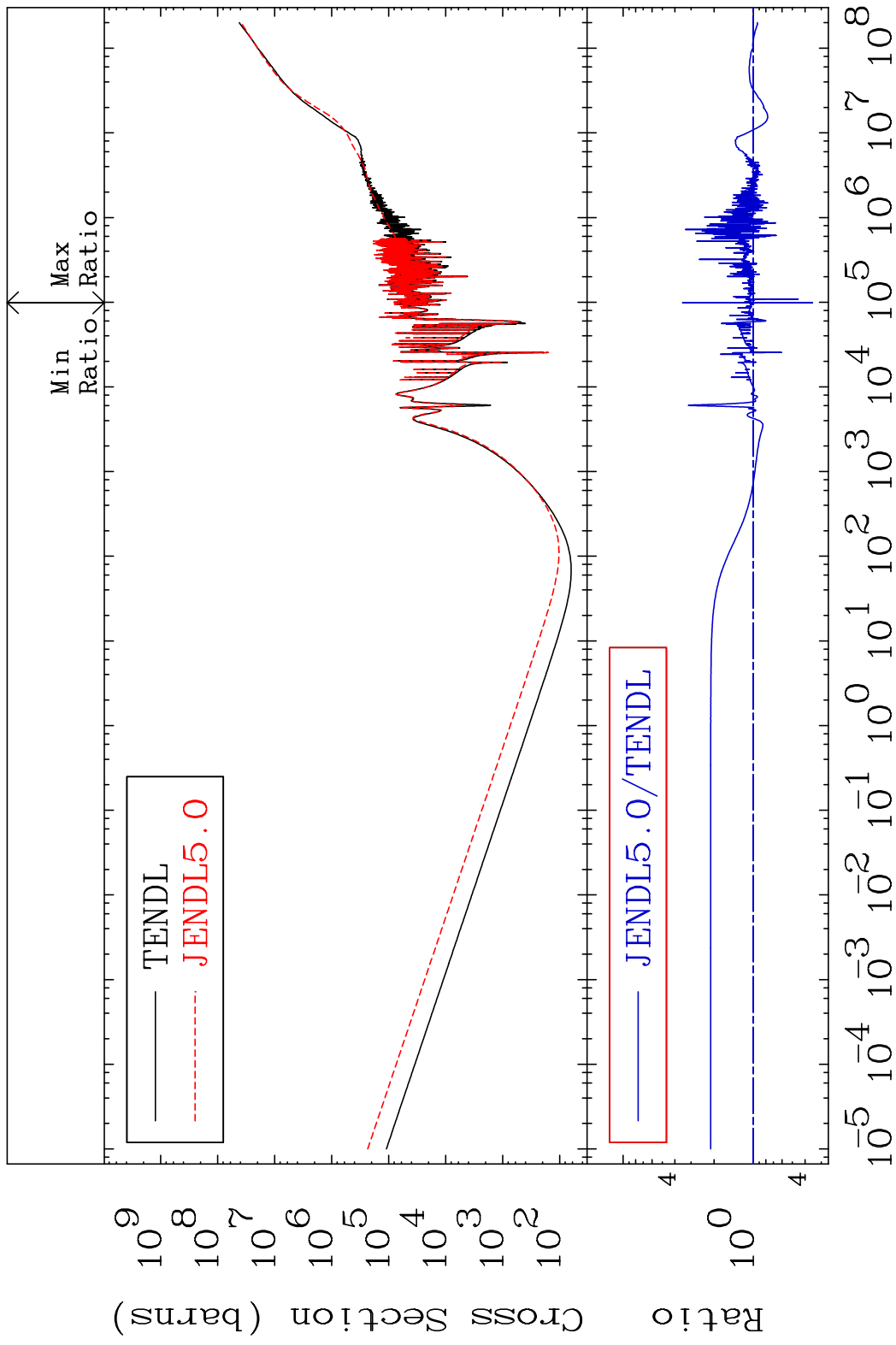
Total photon (eV-barns)

24-Cr-53

Cross Section -98.71 To 1414. %



MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
 Cross Section -65.03 To 250.4 %

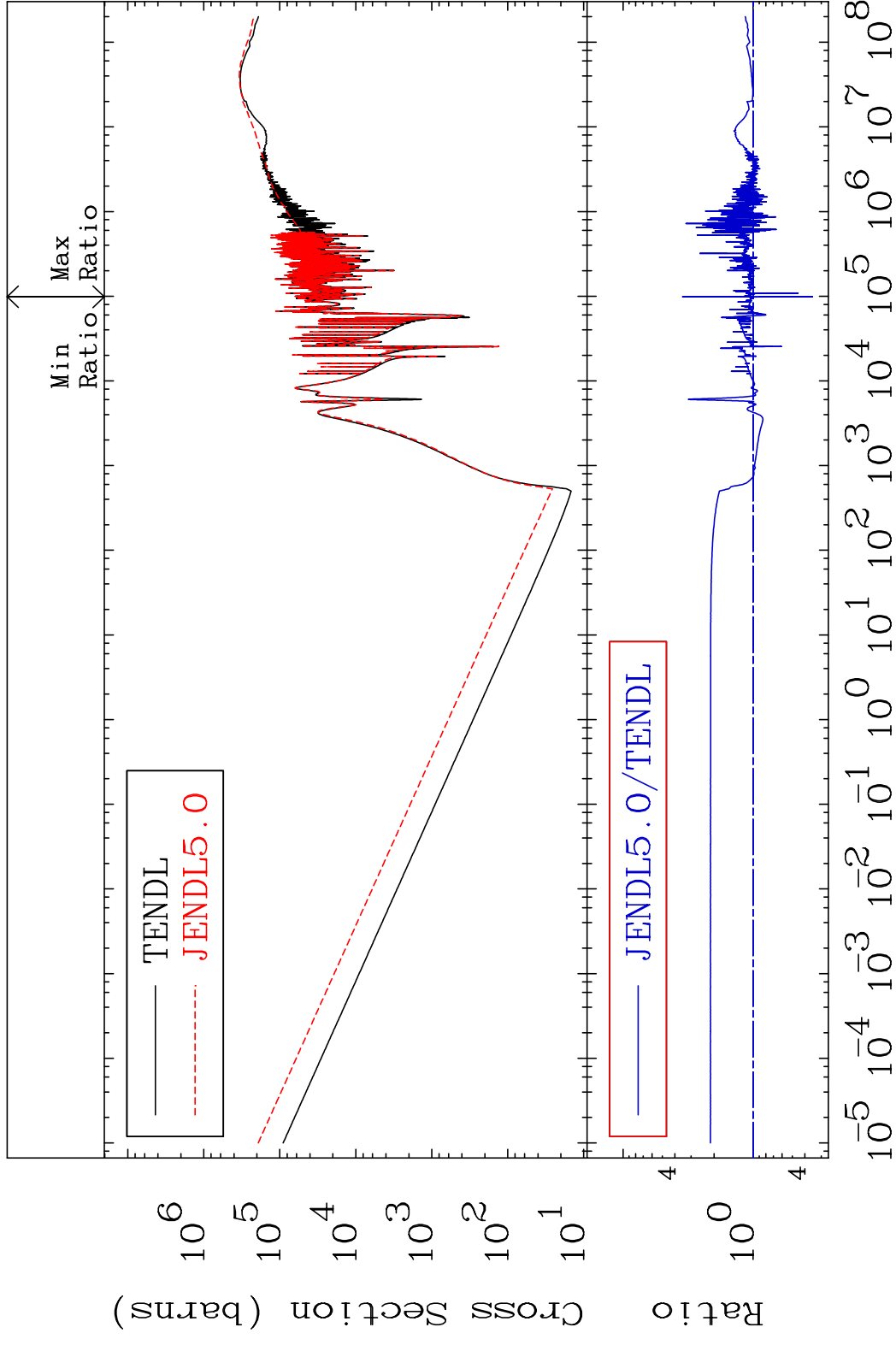


MAT 2434

Dpa total (eV-barns)

24-Cr-53

Cross Section -65.04 To 250.4 %



58

Incident Energy (eV)

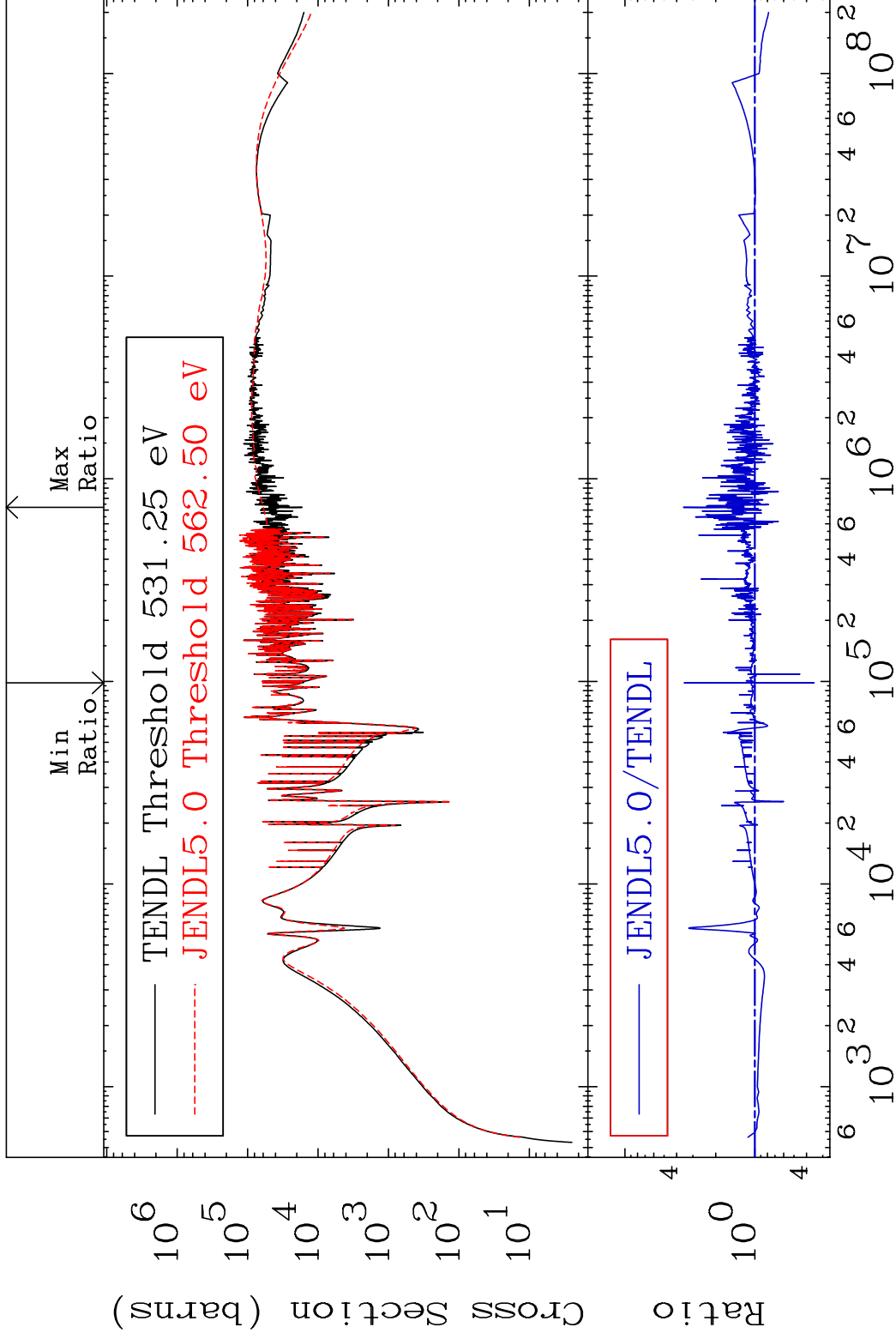
24-Cr-53

MAT 2434

Dpa elastic (mt2)

²⁴Cr-53

Cross Section -64.97 To 254.1 %



59

Incident Energy (eV)

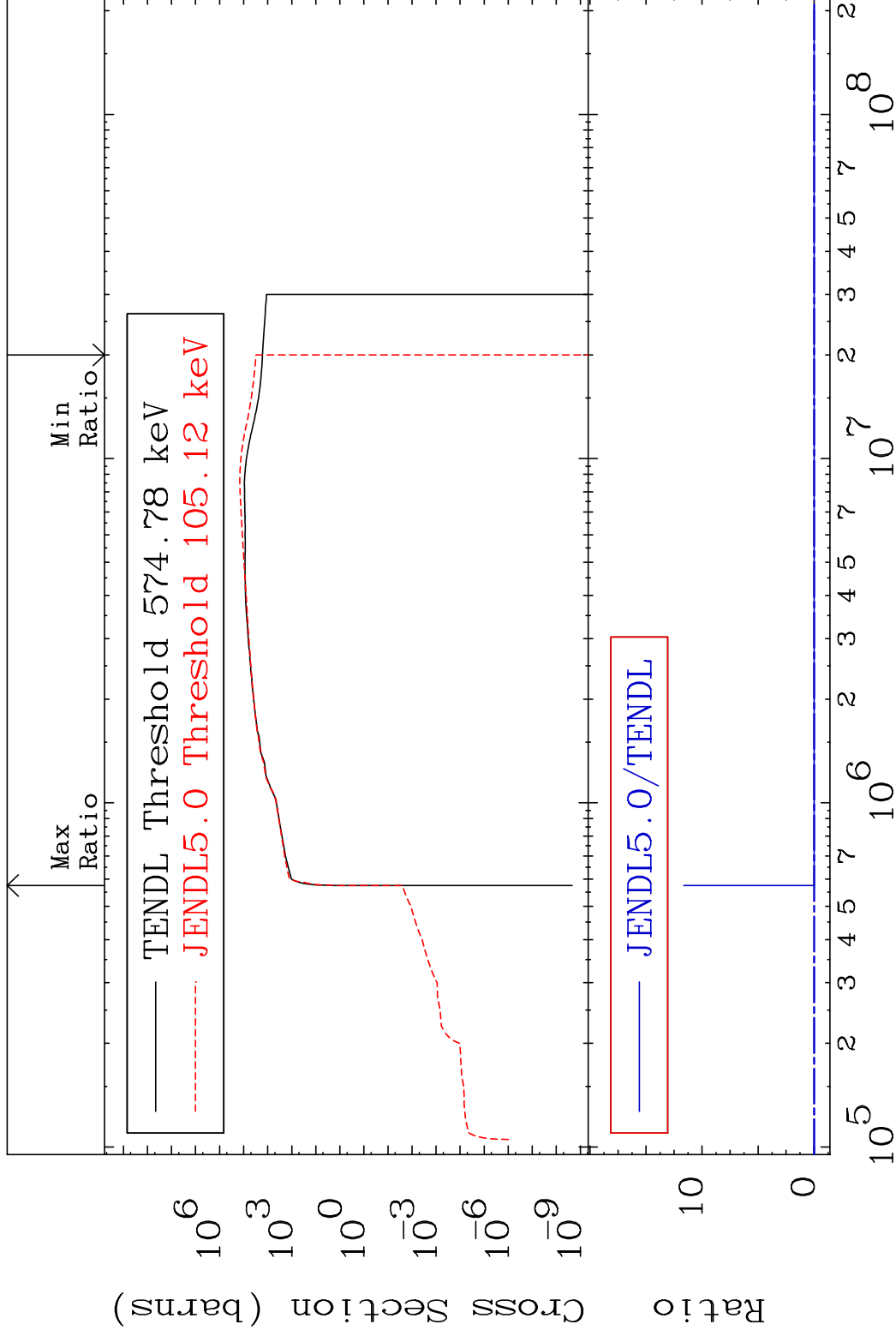
²⁴Cr-53

MAT 2434

Dpa inelastic (mt51-91)

²⁴Cr-53

Cross Section -100.0 To 9999. %



60

Incident Energy (eV)

²⁴Cr-53

MAT 2434 Dpa disappearance (mt102 -120) 24-Cr-53
 Cross Section -100.0 To 2846. %

