

Program Complot
(Version 2021-1)

by

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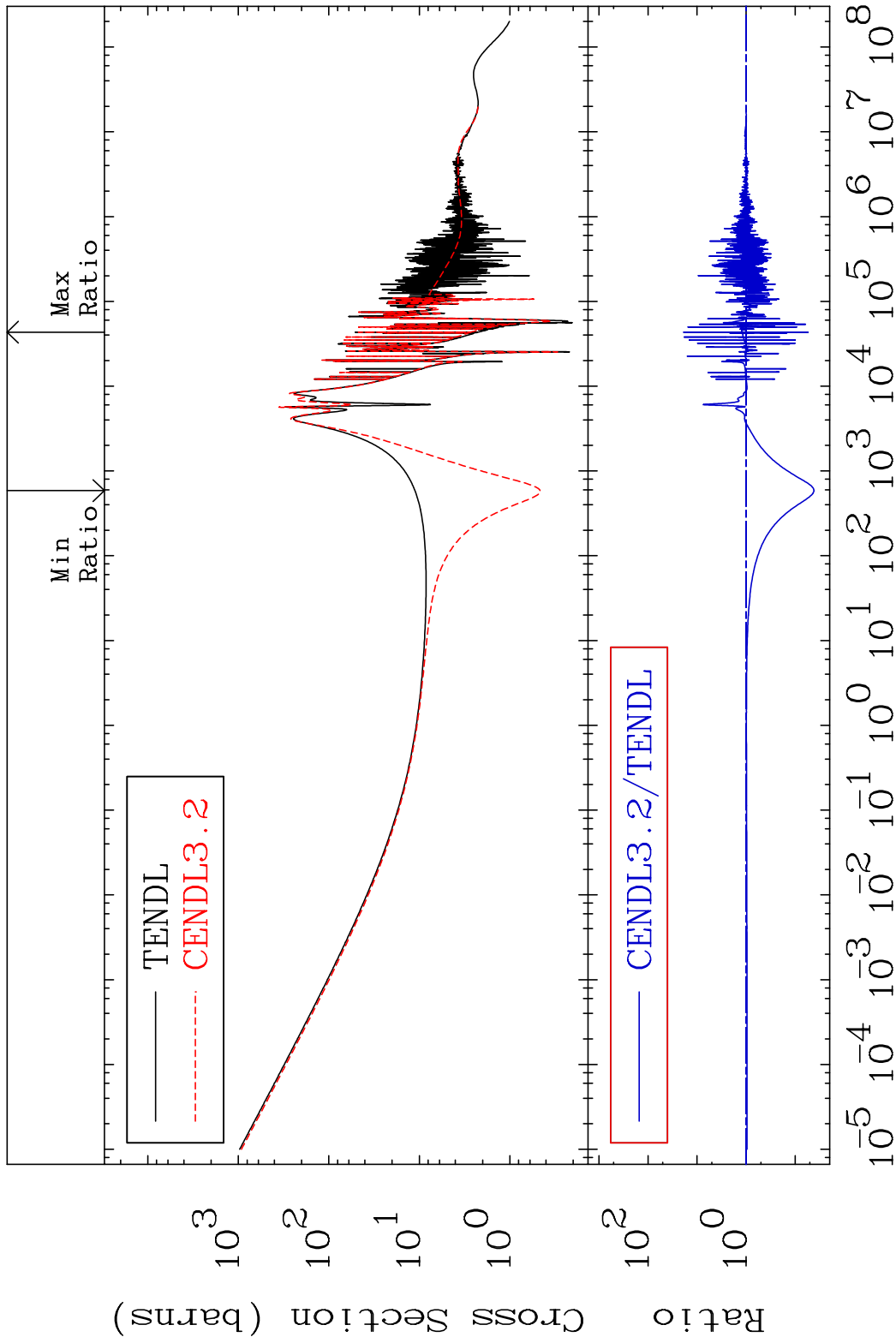
Press Mouse Button to Start

MAT 2434

Total

24-Cr-53

Cross Section -95.86 To 1790. %



1

Incident Energy (eV)

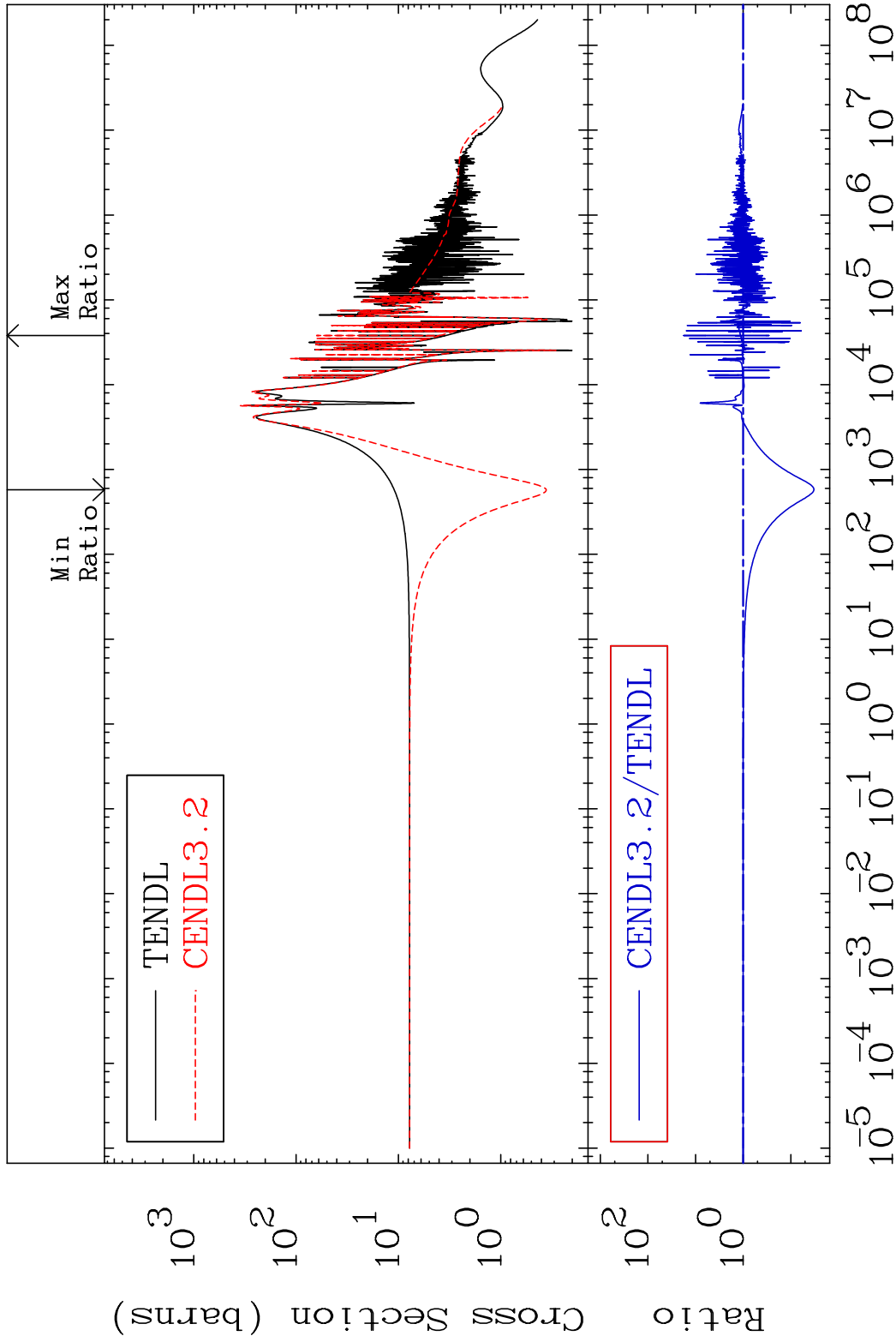
24-Cr-53

MAT 2434

Elastic

24-Cr-53

Cross Section -96.73 To 1695. %

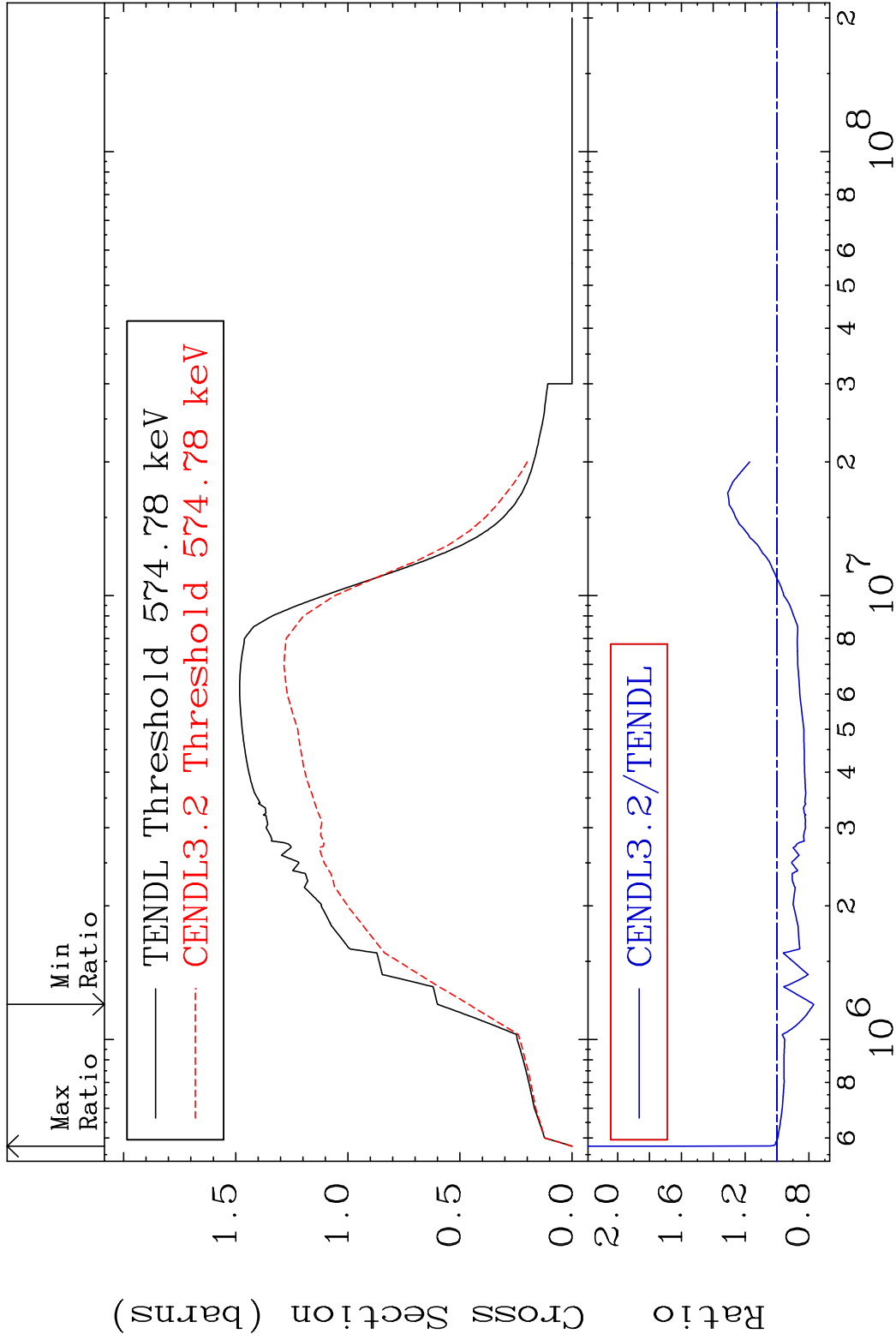


2

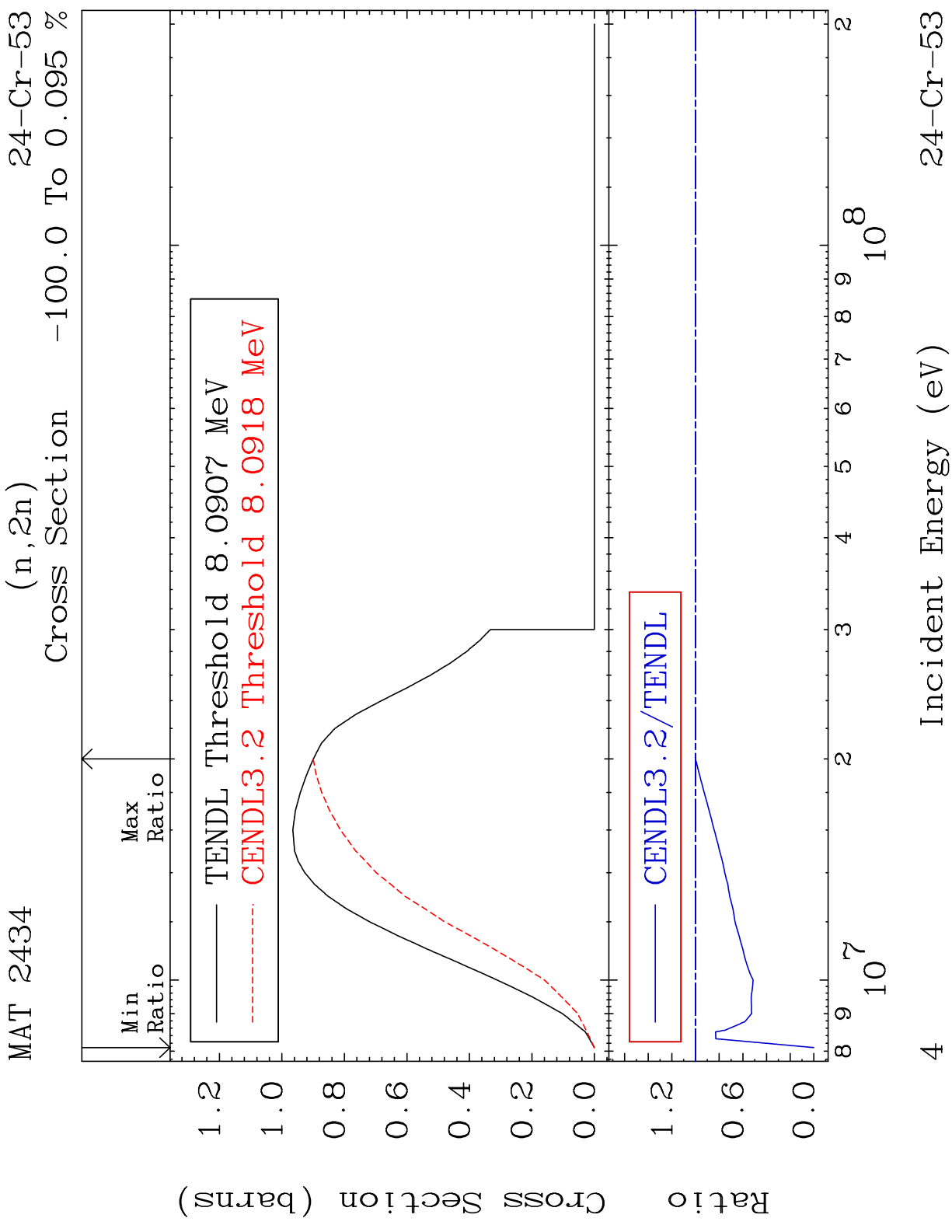
Incident Energy (eV)

24-Cr-53

MAT 2434 Inelastic 24-Cr-53
 Cross Section -23.15 To 58.72 %



3 Incident Energy (eV) 24-Cr-53

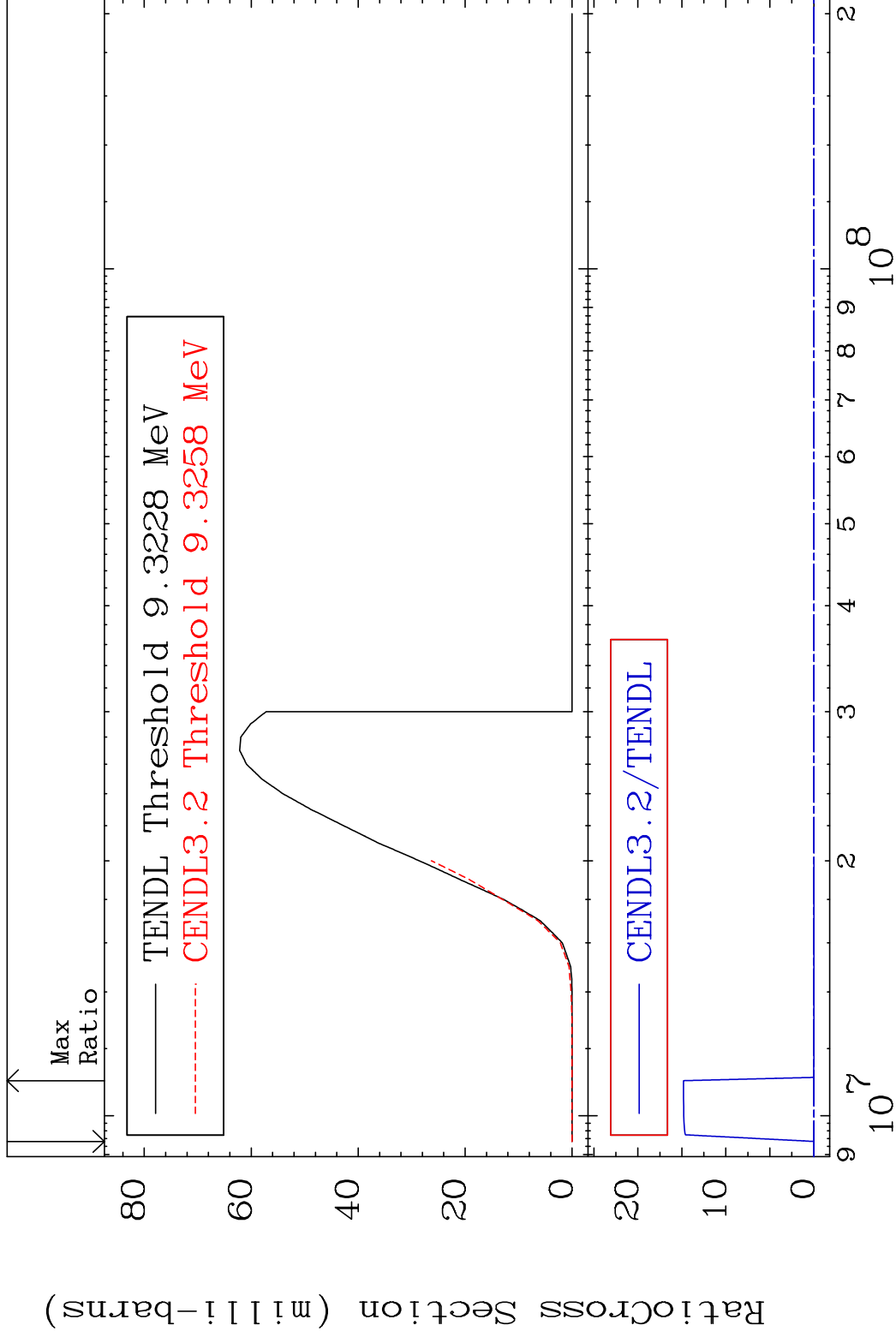


MAT 2434

(n, n') α

²⁴Cr-53

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

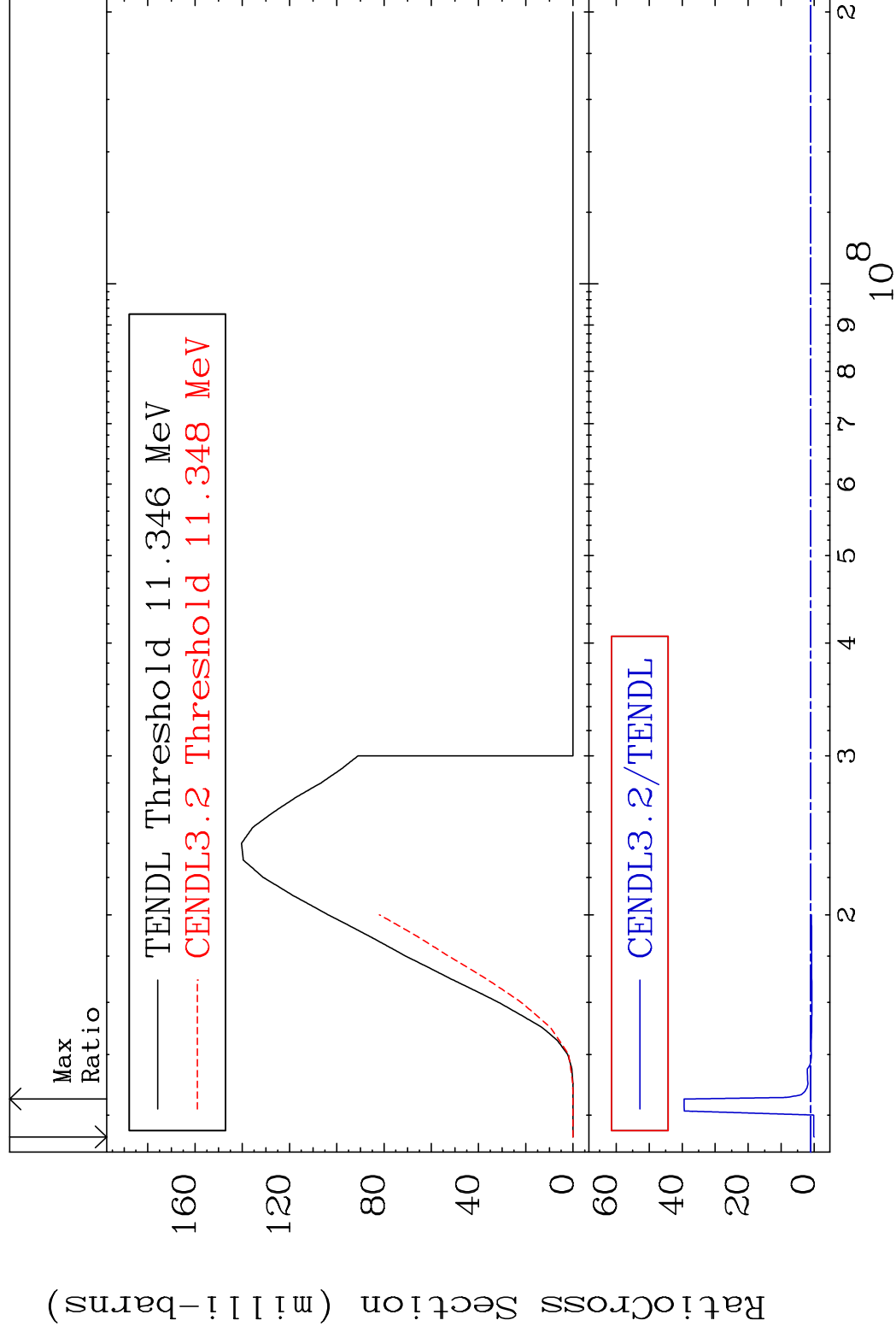
²⁴Cr-53

MAT 2434

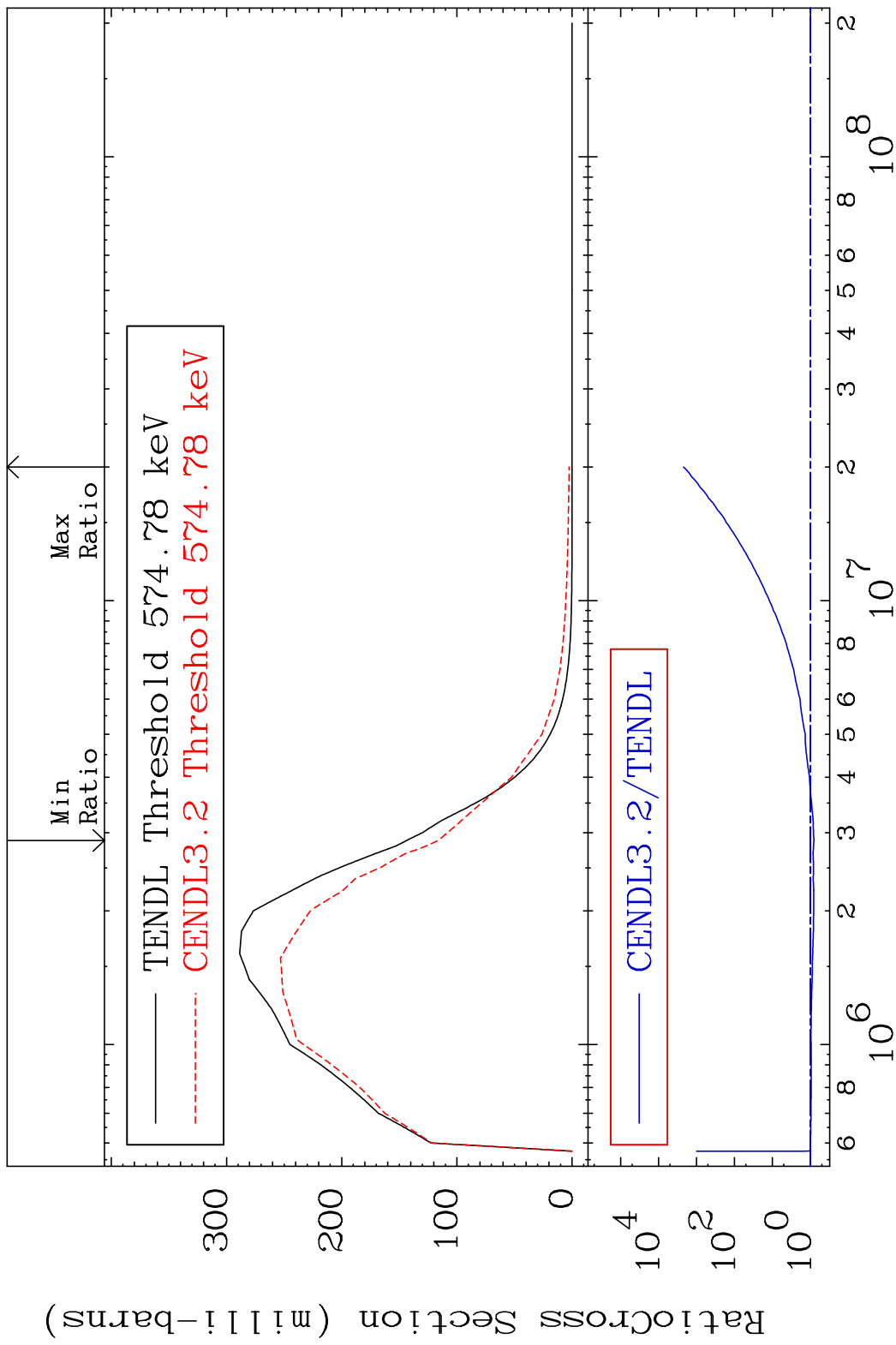
(n, n') p

²⁴Cr-53

Cross Section -100.0 To 3842. %

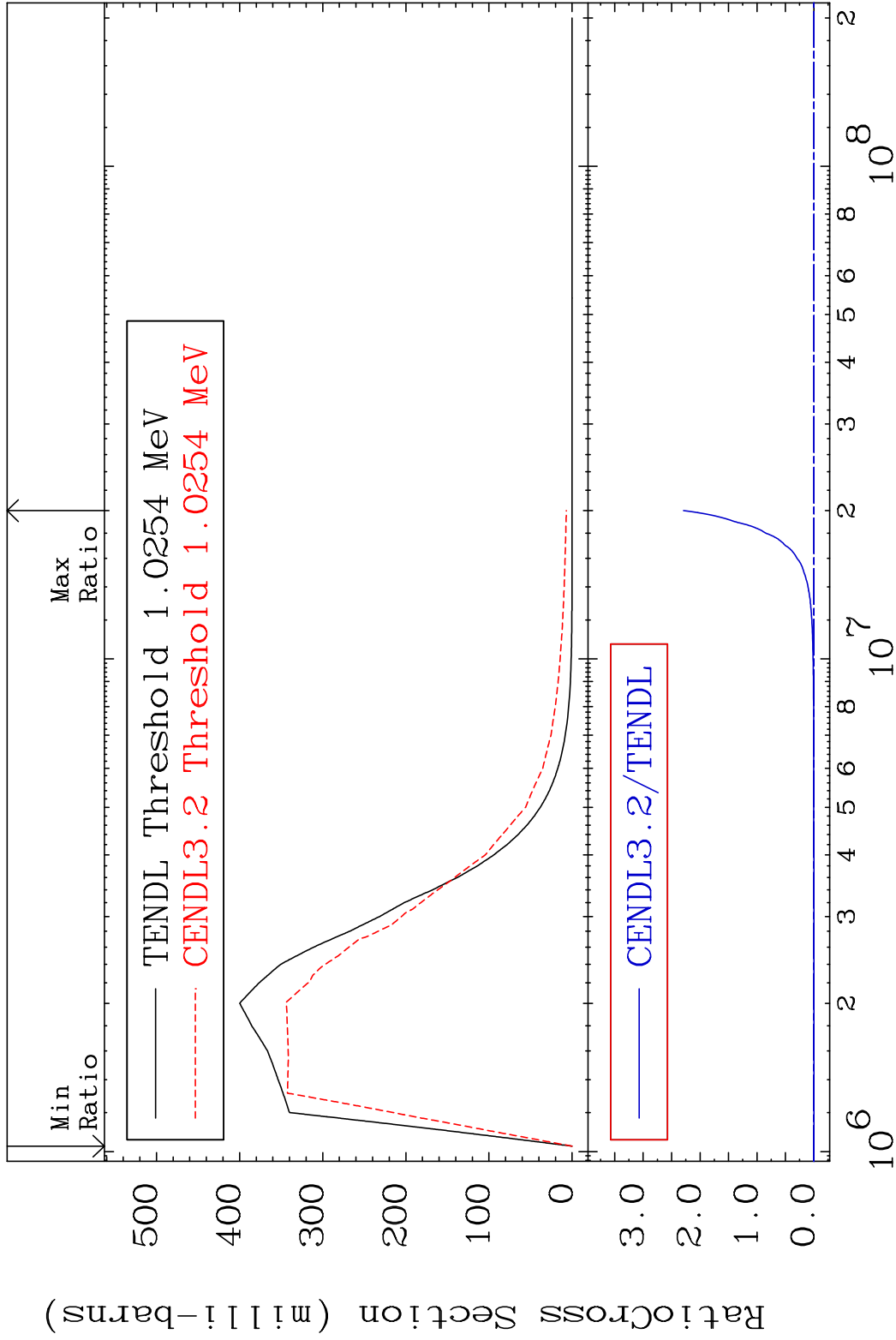


MAT 2434 MT= 51 (n, n') Level 24-Cr-53
 Cross Section -19.03 To 9999. %



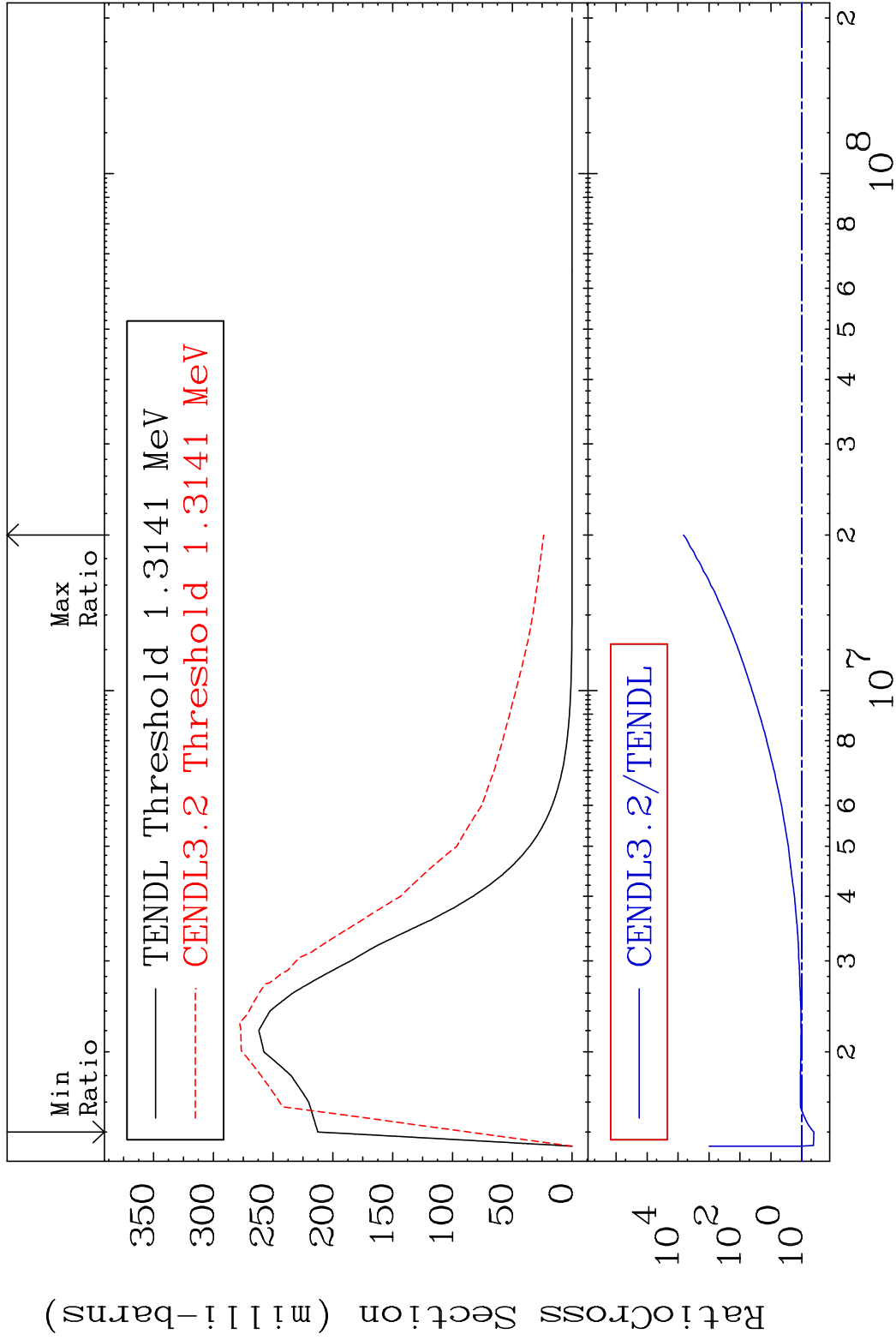
7 Incident Energy (eV) 24-Cr-53

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

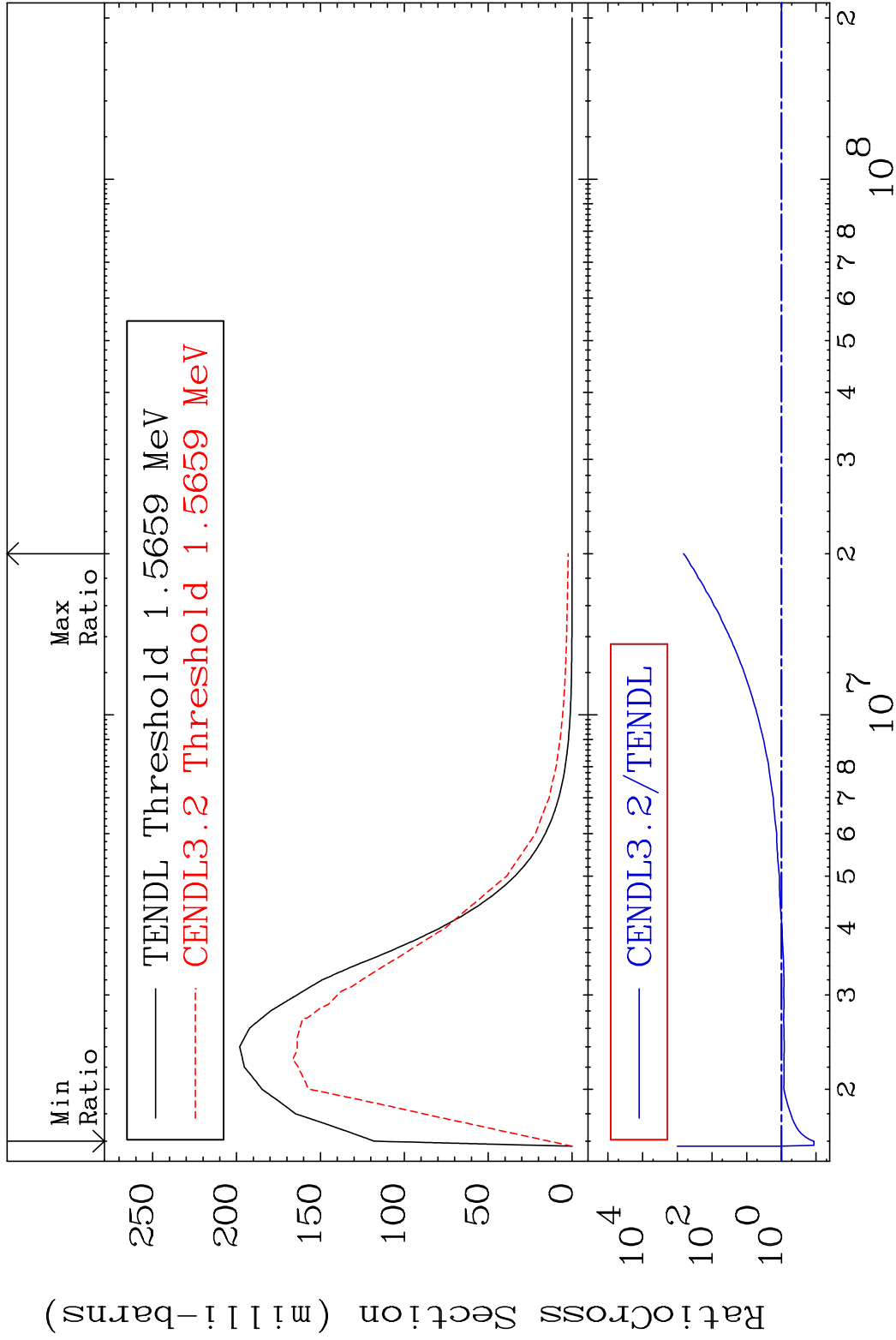


8 24-Cr-53

MAT 2434 MT= 53 (n, n') Level 24-Cr-53
 Cross Section -59.27 To 9999. %

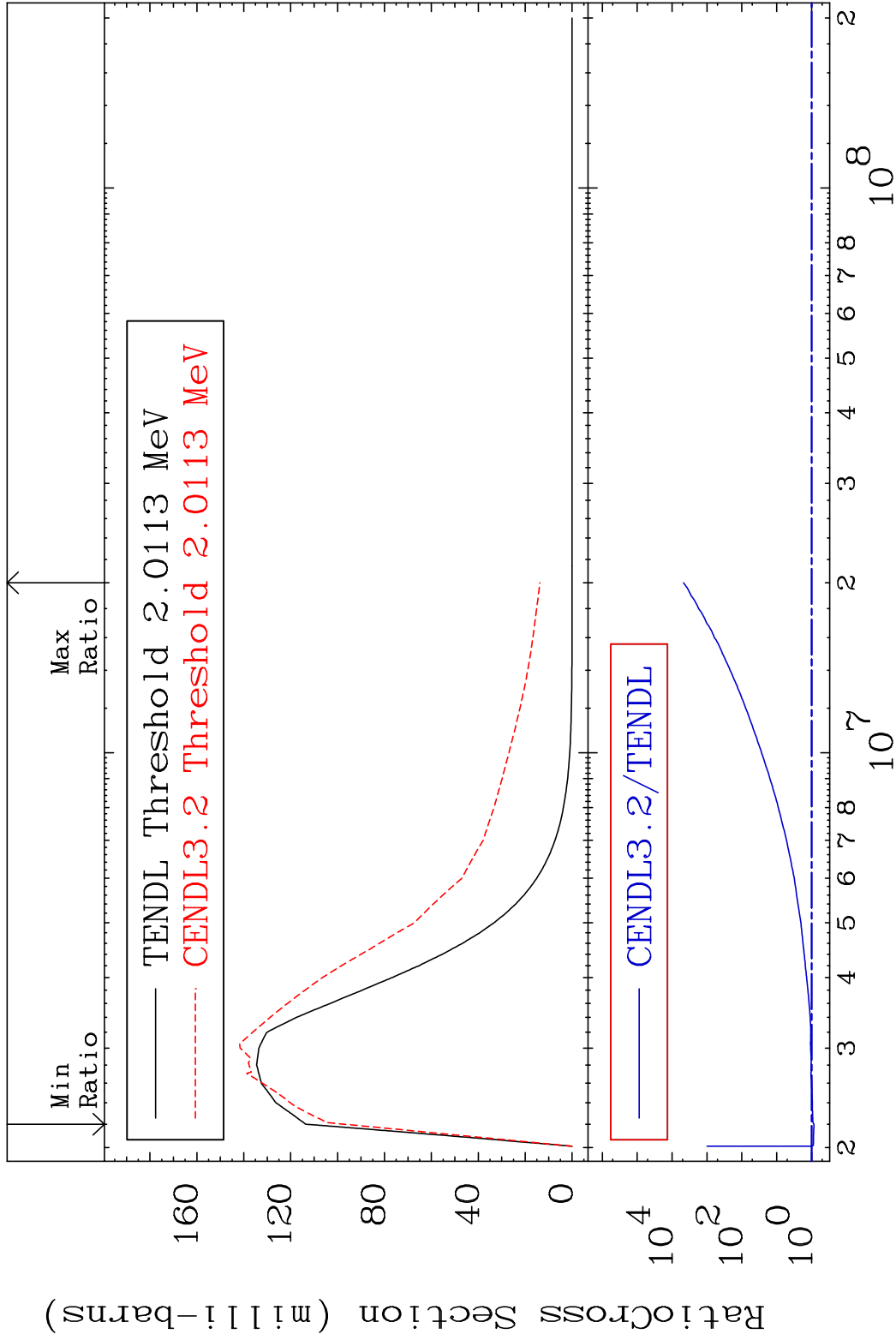


MAT 2434 MT= 54 (n, n') Level 24-Cr-53
 Cross Section -88.42 To 9999. %



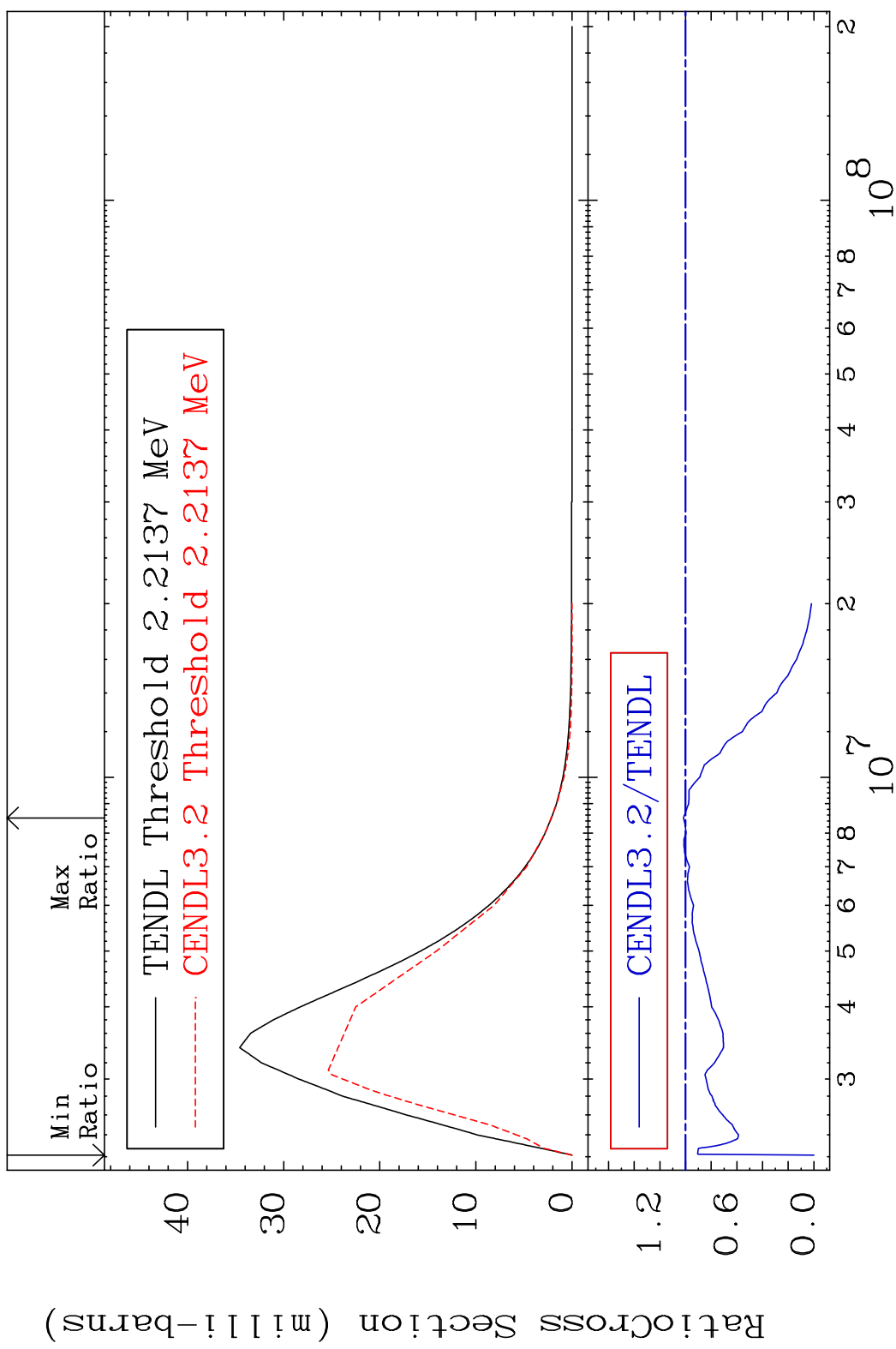
10 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 55 (n, n') Level 24-Cr-53
 Cross Section -14.28 To 9999. %



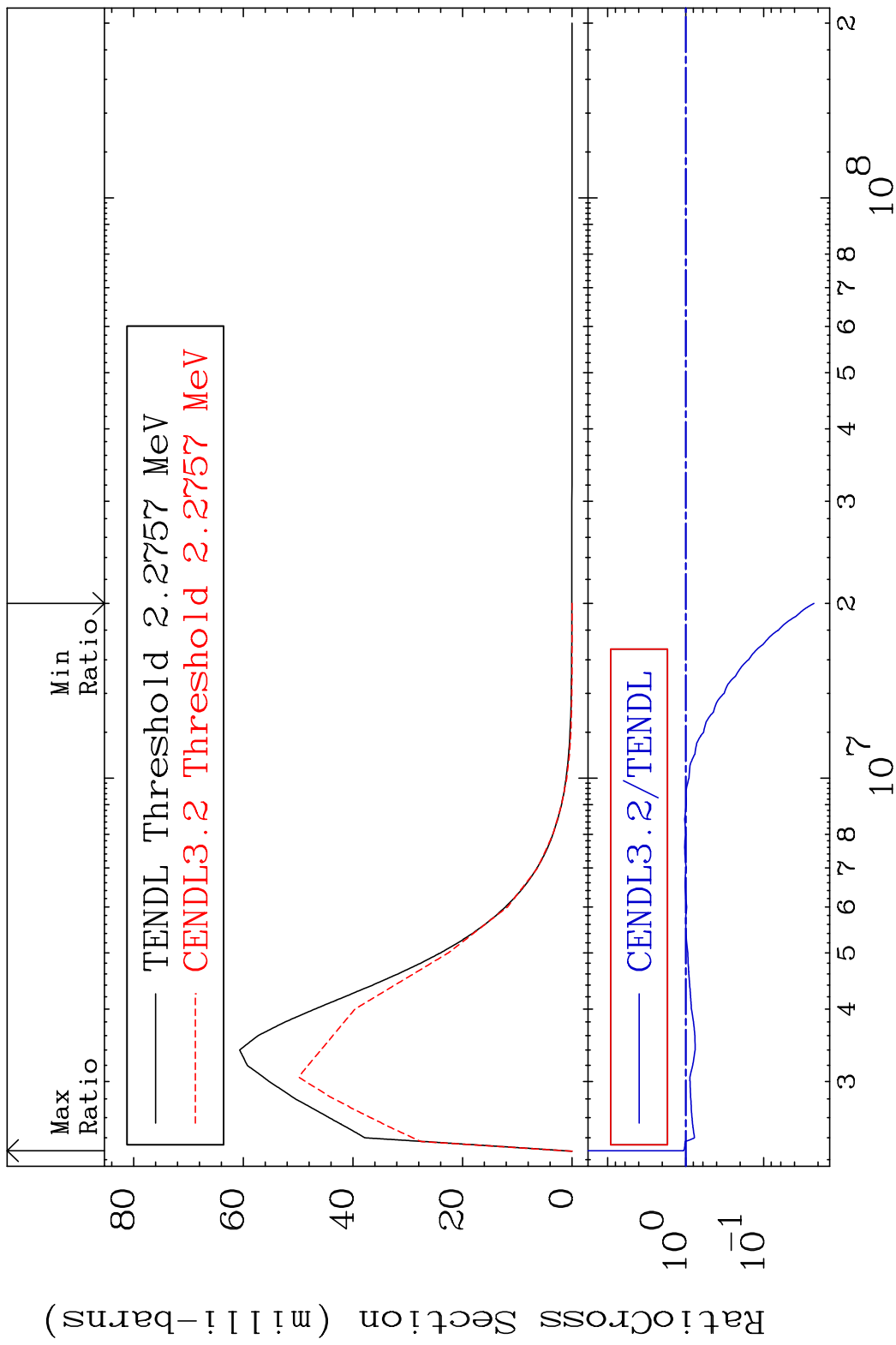
11 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 56 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1.642 %



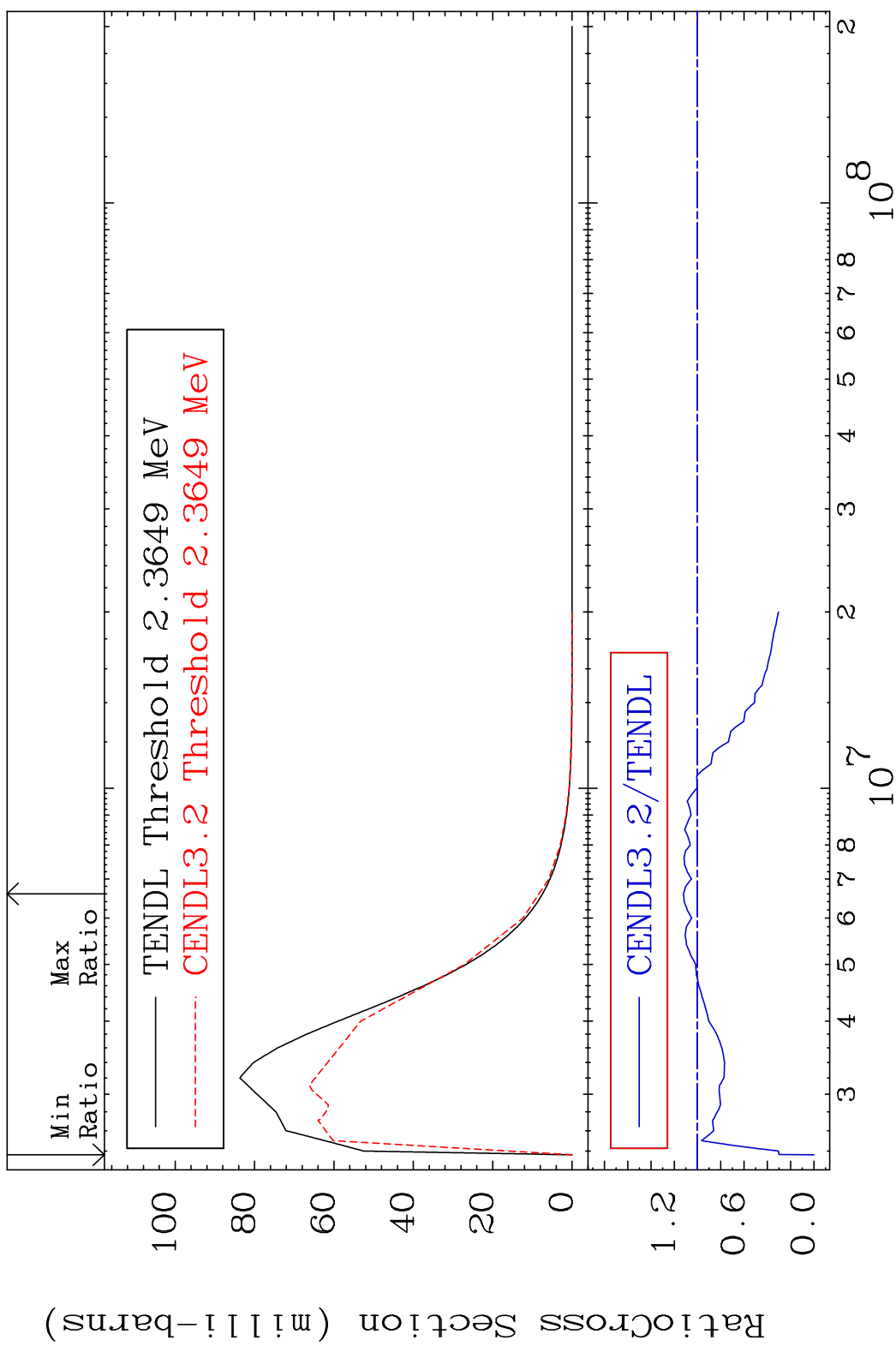
12 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 57 (n, n') Level 24-Cr-53
 Cross Section -97.74 To 6.784 %



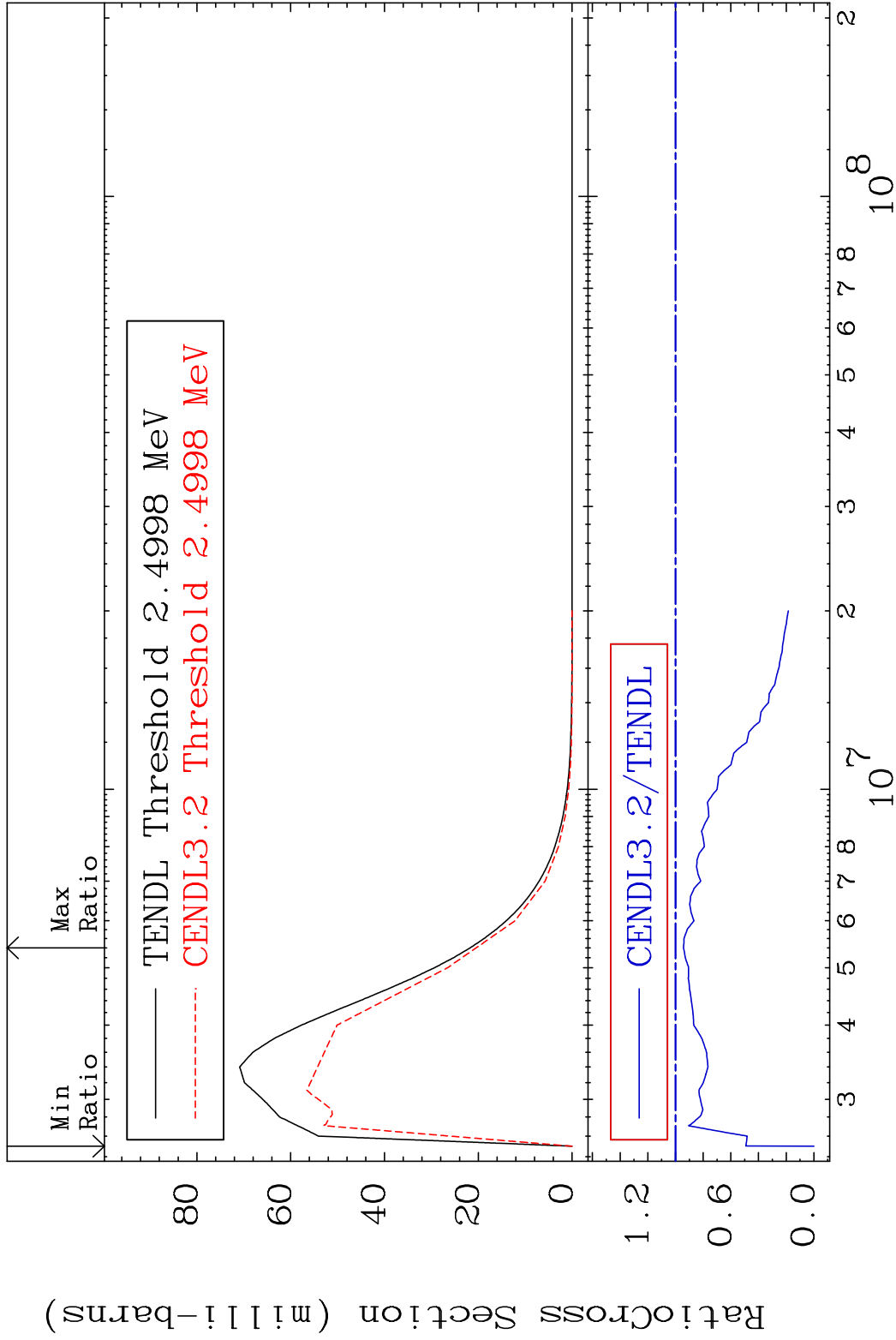
13 24-Cr-53

MAT 2434 MT= 58 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 12.09 %



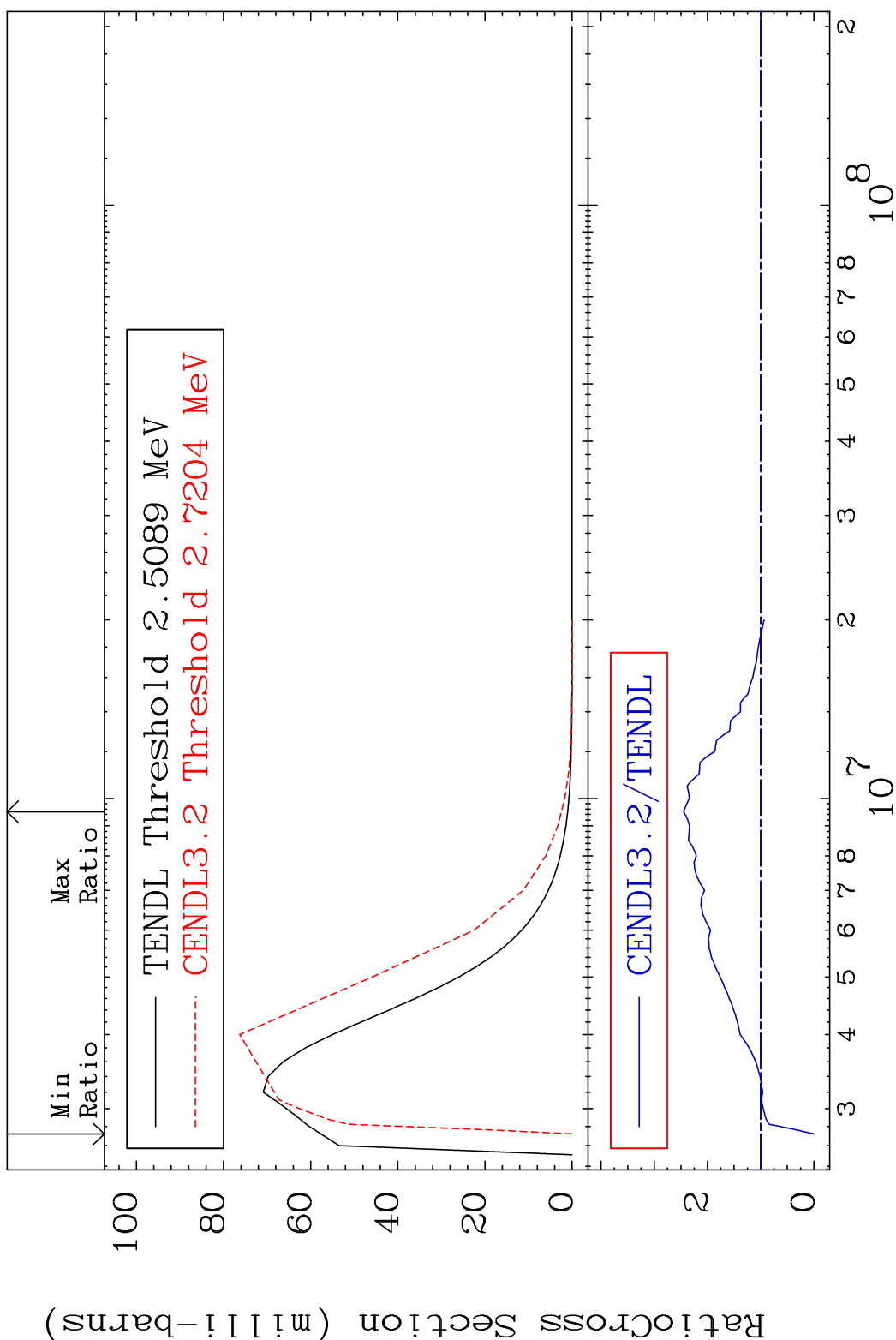
14 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 59 (n, n') Level 24-Cr-53
 Cross Section -100.0 To -5.759%



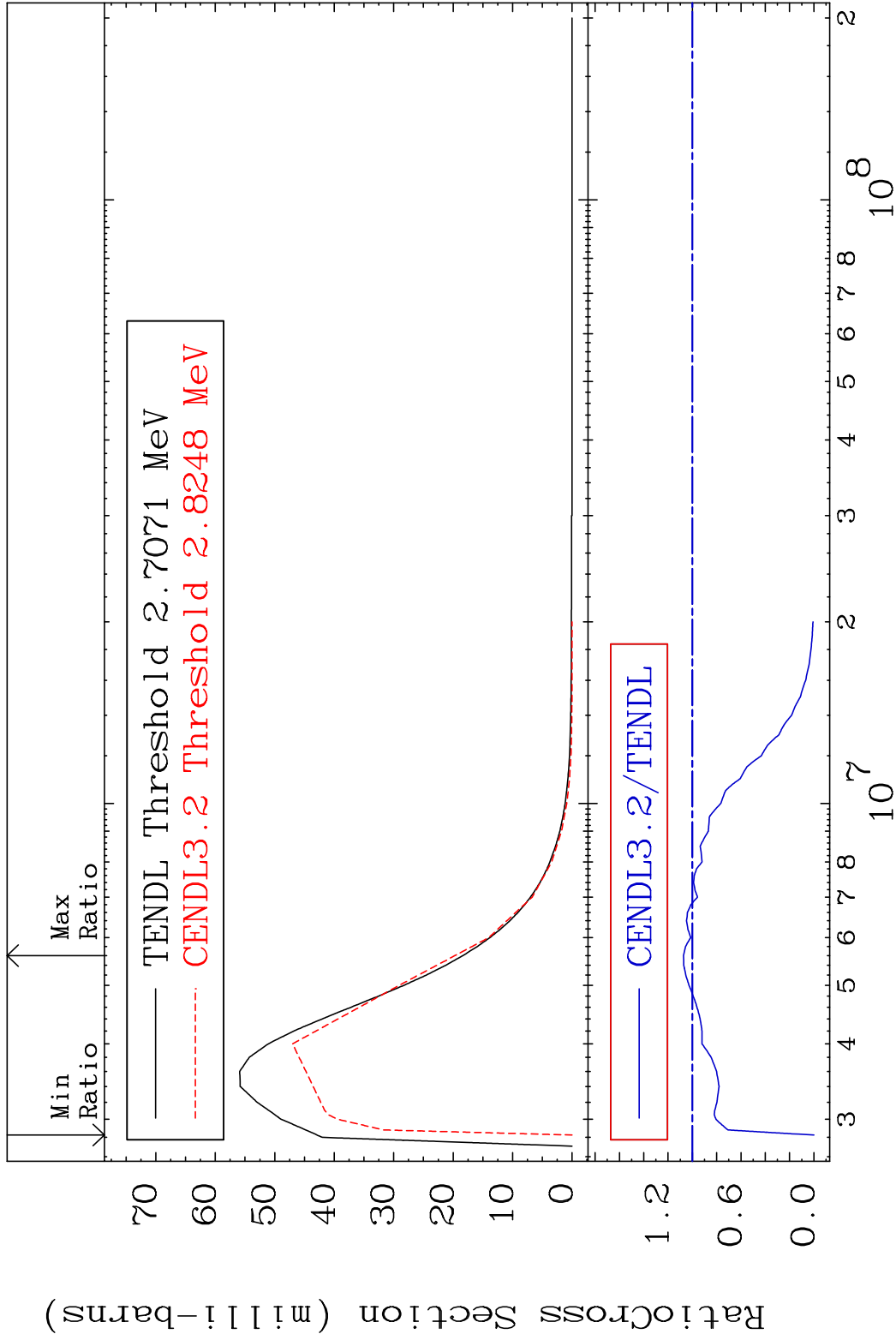
15 24-Cr-53

MAT 2434 MT= 60 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 145.2 %



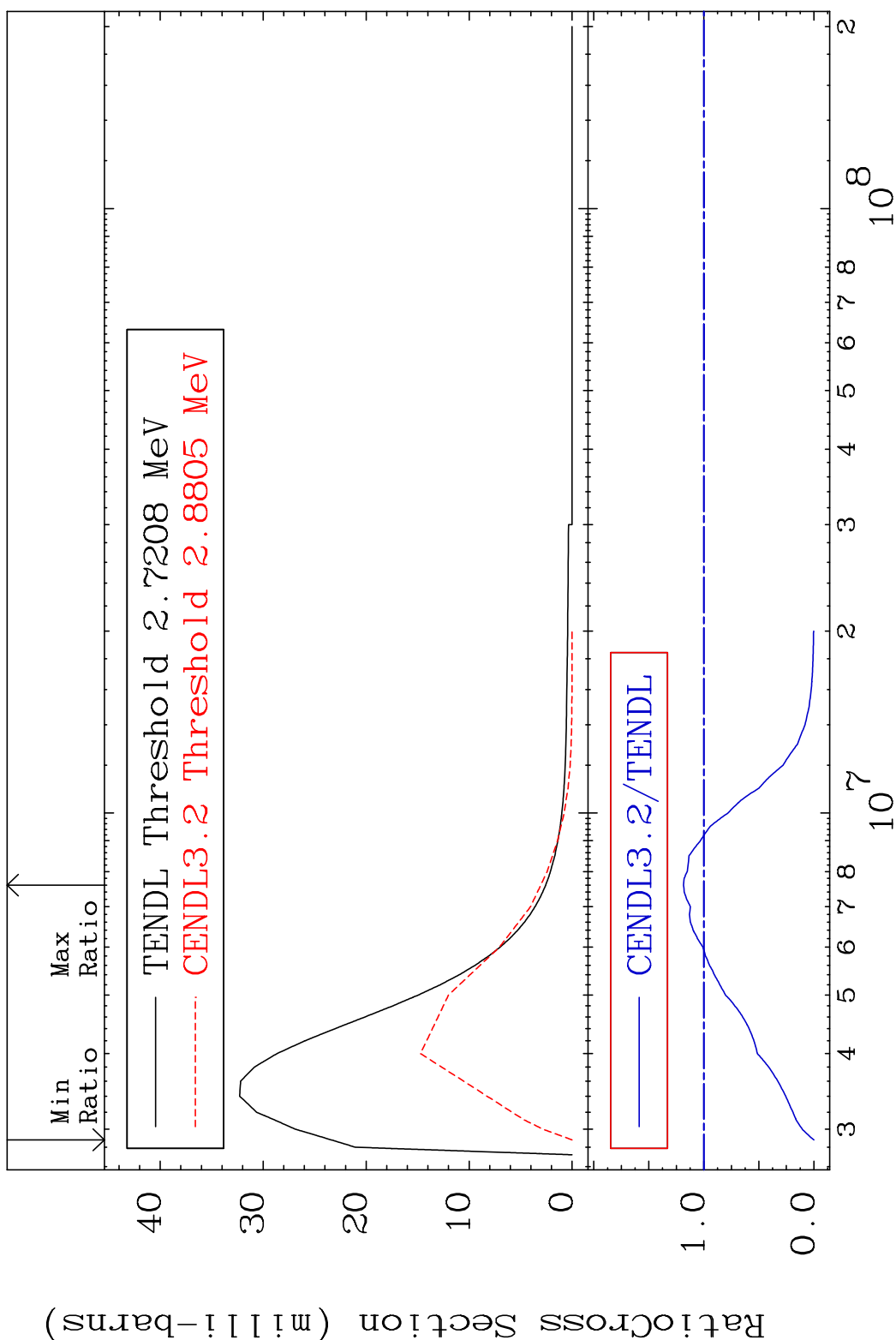
16 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 61 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 7.326 %



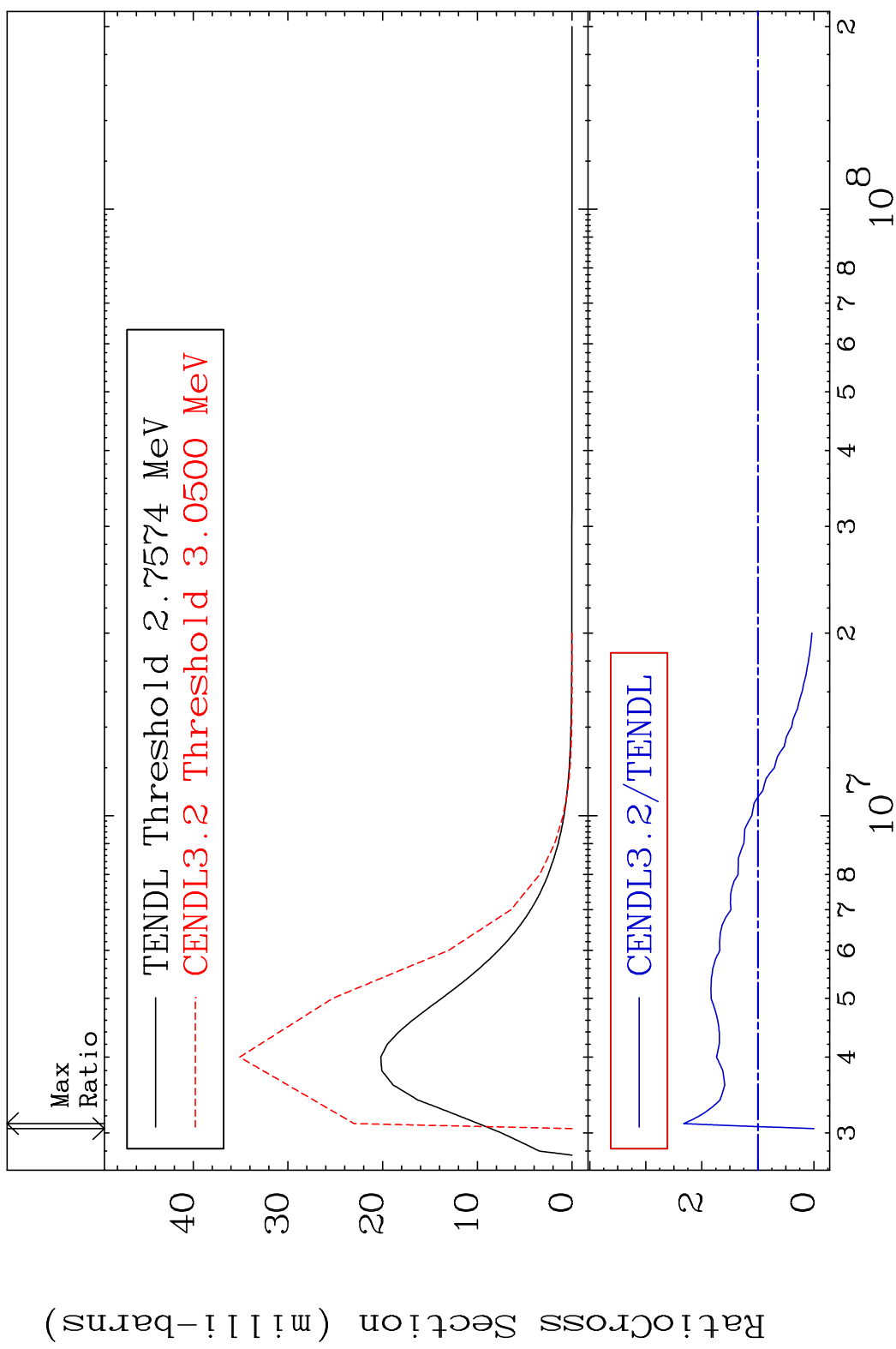
17 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 62 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 18.53 %



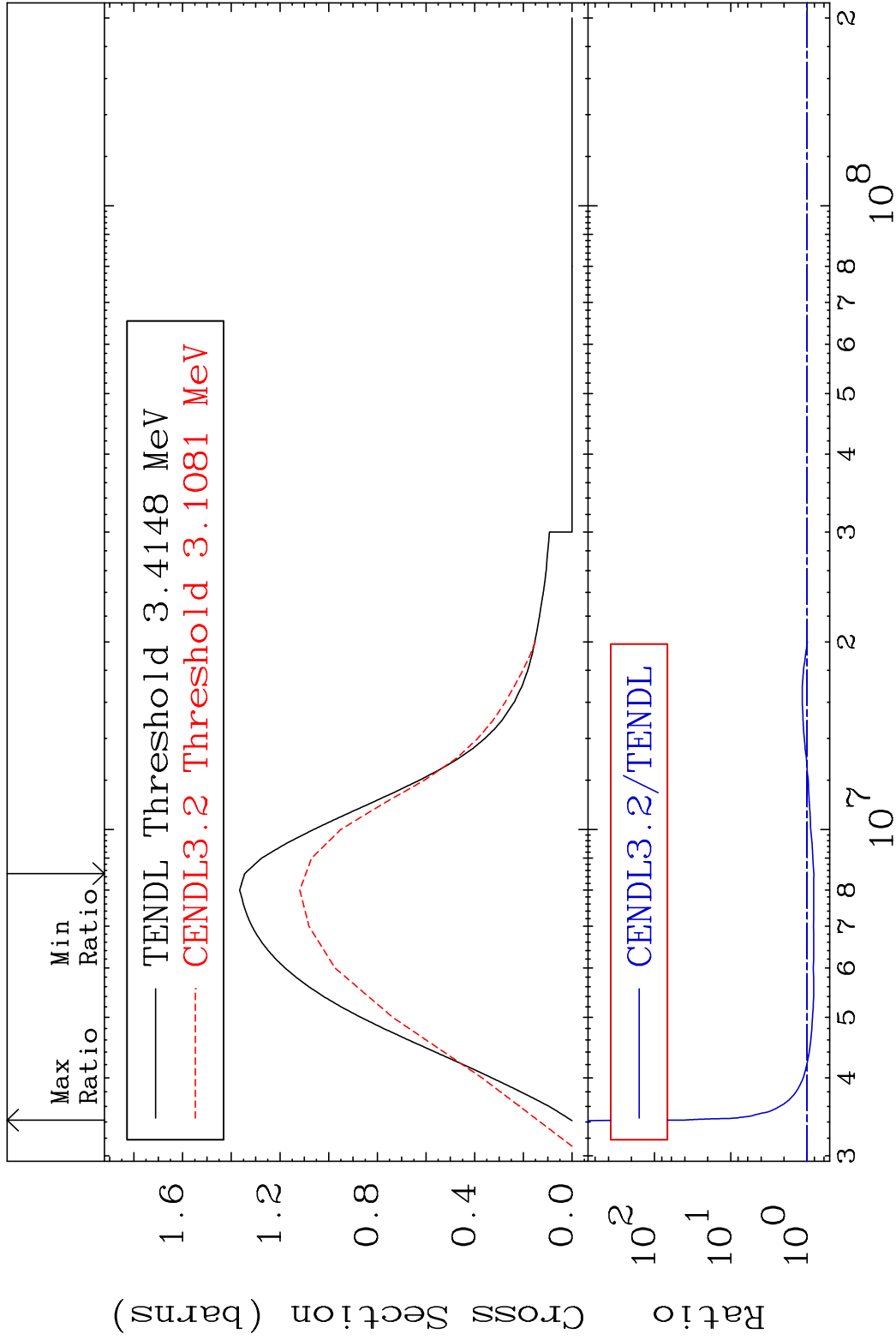
18 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 63 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 132.8 %



19 Incident Energy (eV) 24-Cr-53

MAT 2434 (n, n') Continuum 24-Cr-53
 Cross Section -18.69 To 4070. %



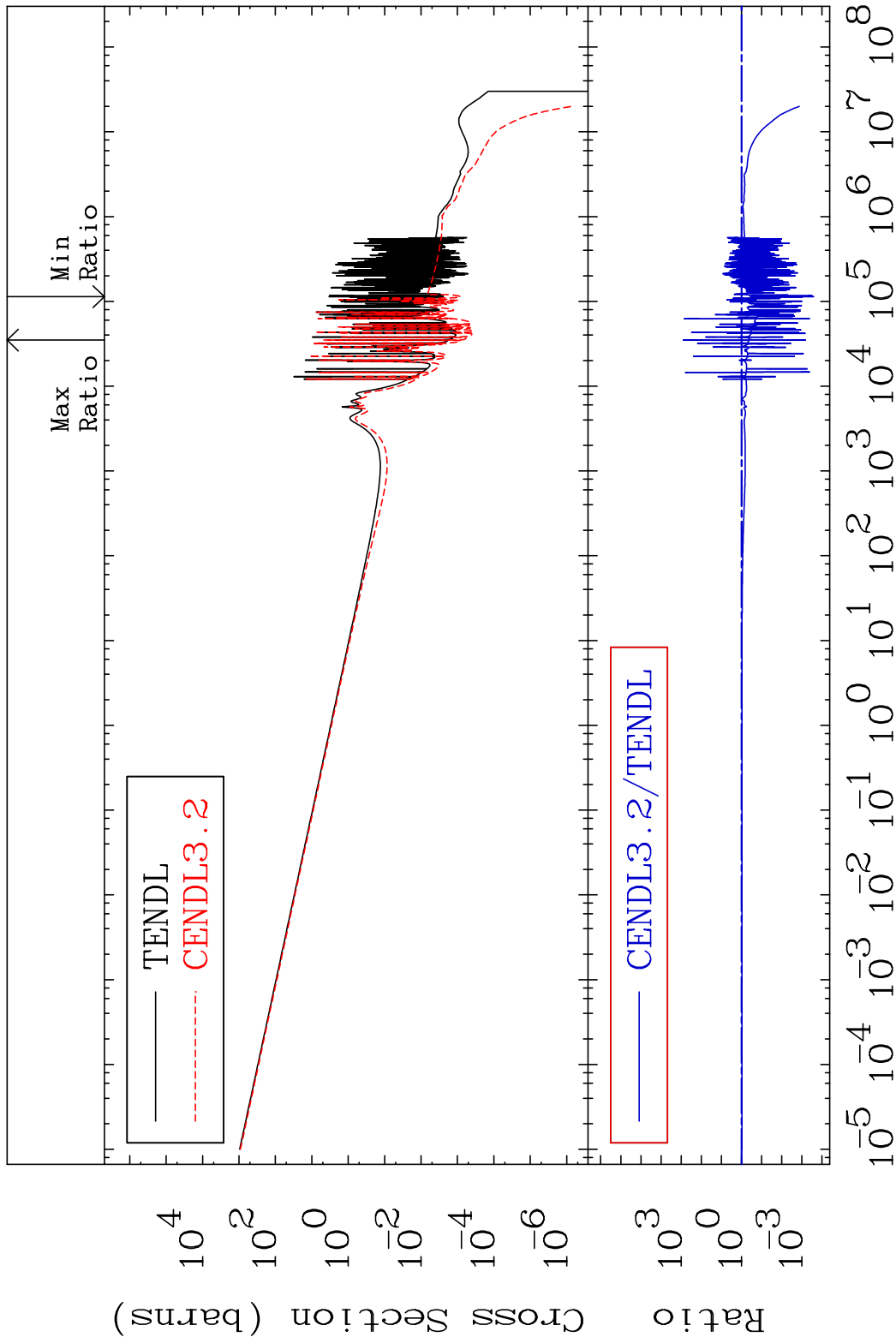
20 Incident Energy (eV) 24-Cr-53

MAT 2434

(n, γ)

24-Cr-53

Cross Section -99.97 To 9999. %

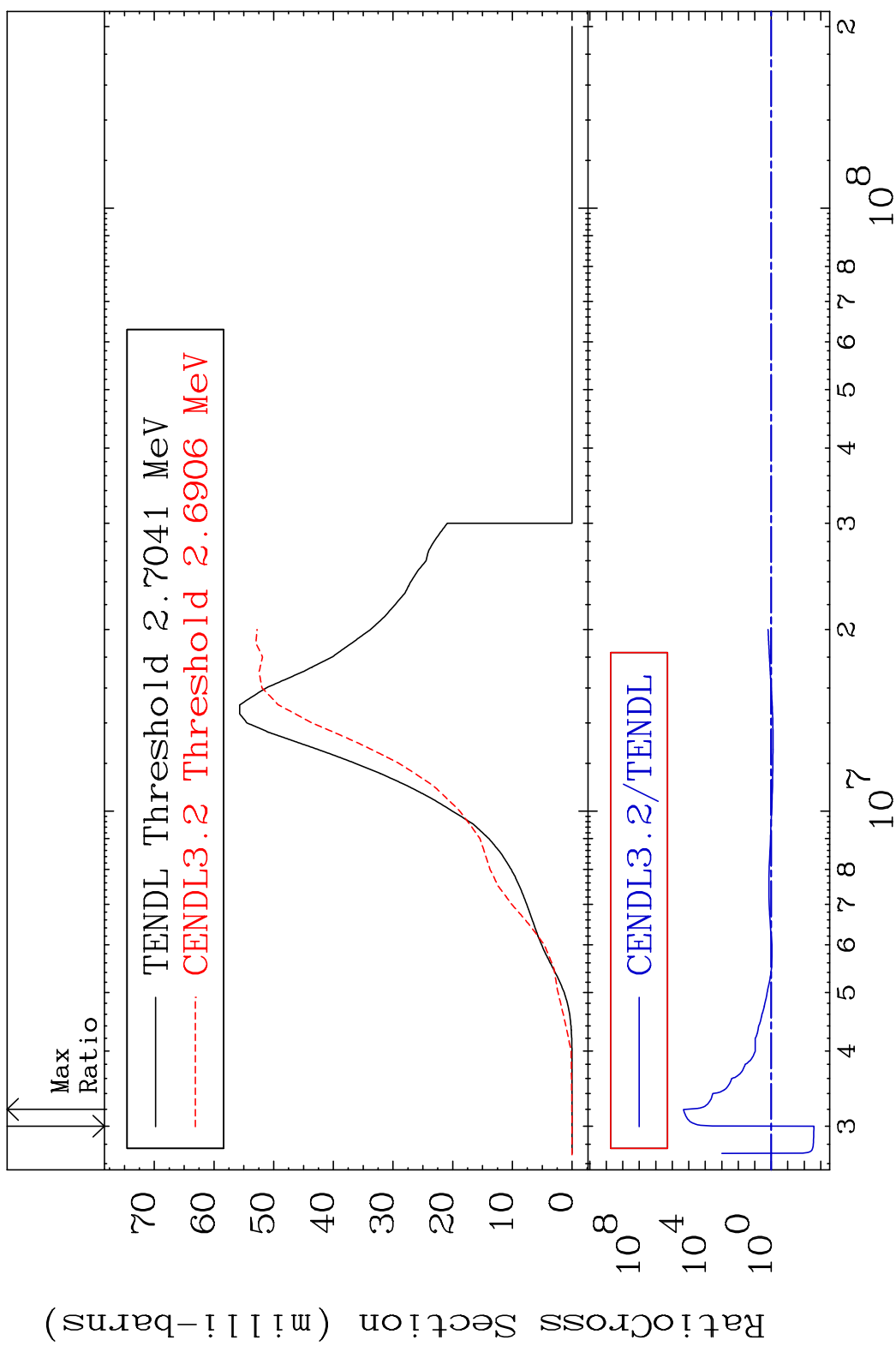


21

Incident Energy (eV)

24-Cr-53

MAT 2434 (n, p) 24-Cr-53
 Cross Section -99.74 To 9999. %

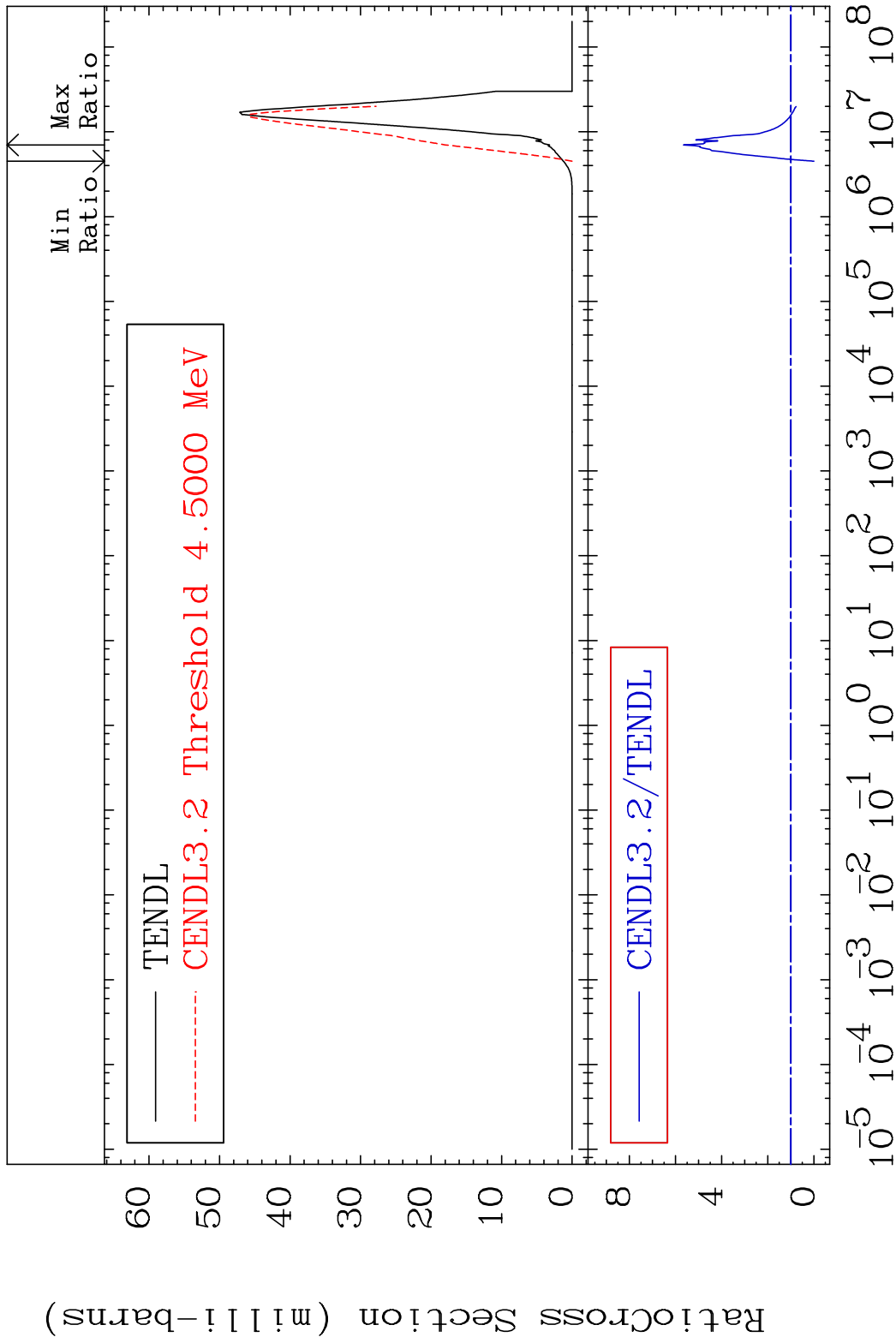


MAT 2434

(n, α)

24-Cr-53

Cross Section -100.0 To 465.6 %



23

Incident Energy (eV)

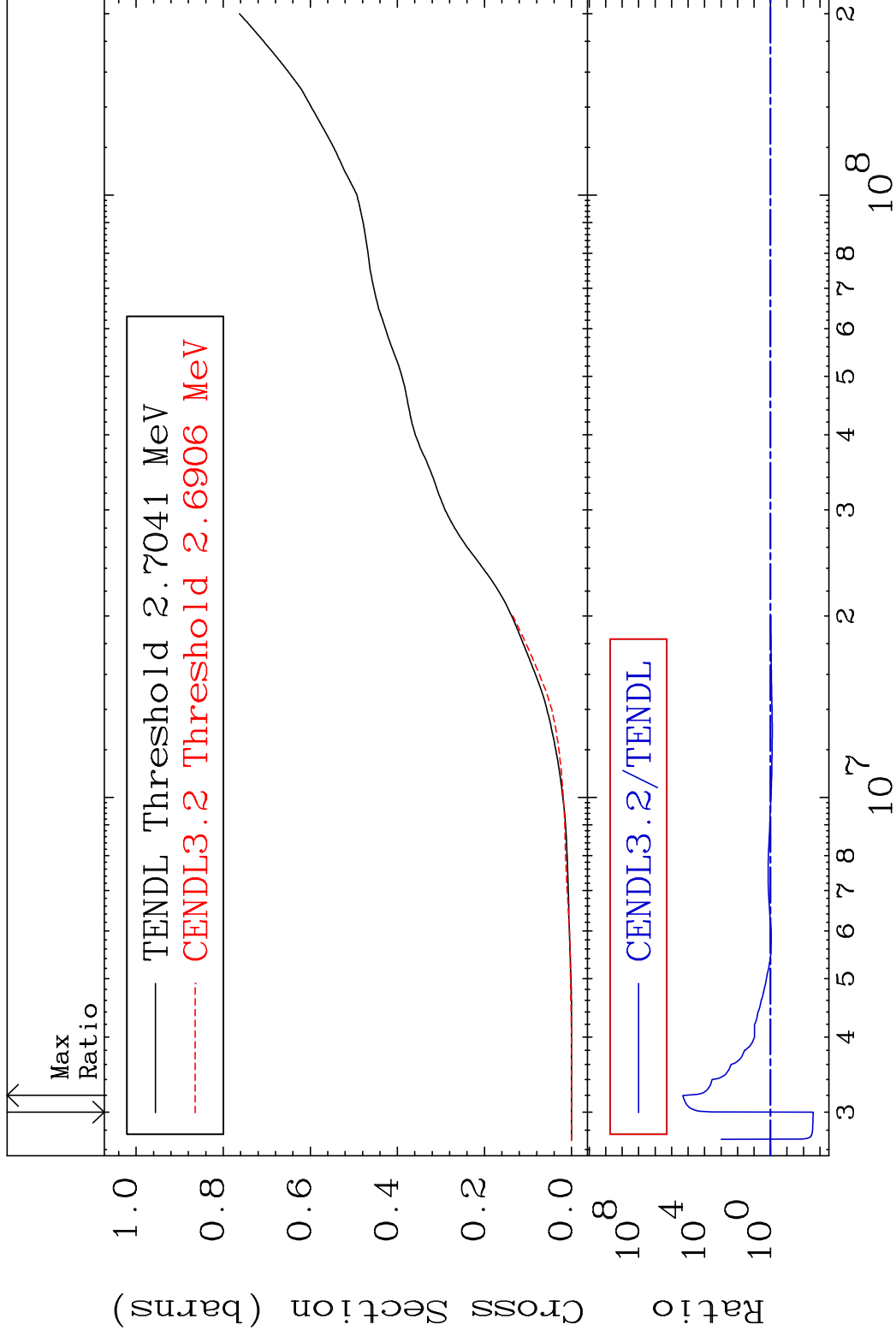
24-Cr-53

MAT 2434

Hydrogen Production

24-Cr-53

Cross Section -99.74 To 9999. %



24

Incident Energy (eV)

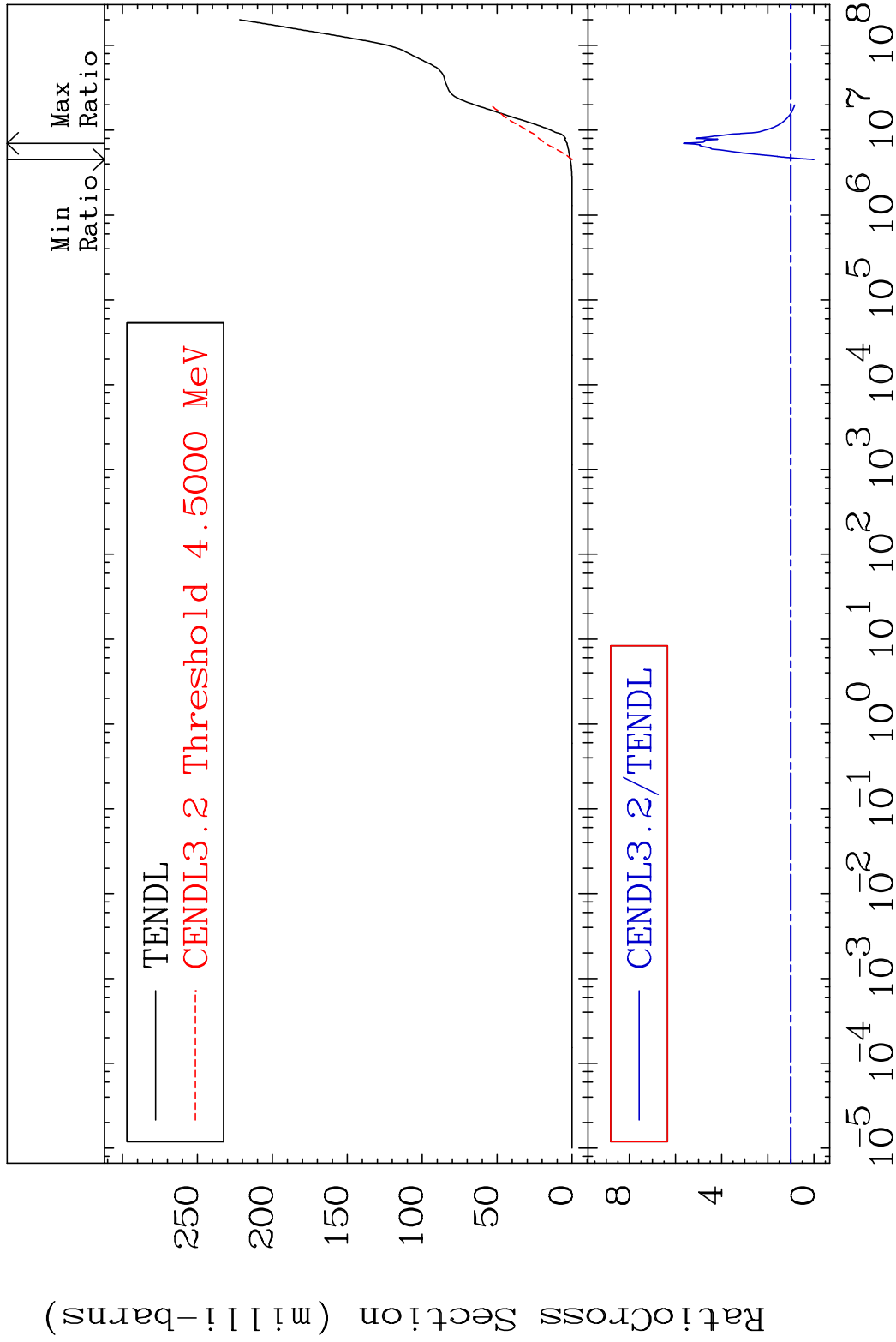
24-Cr-53

MAT 2434

He-4 Production

24-Cr-53

Cross Section -100.0 To 465.6 %

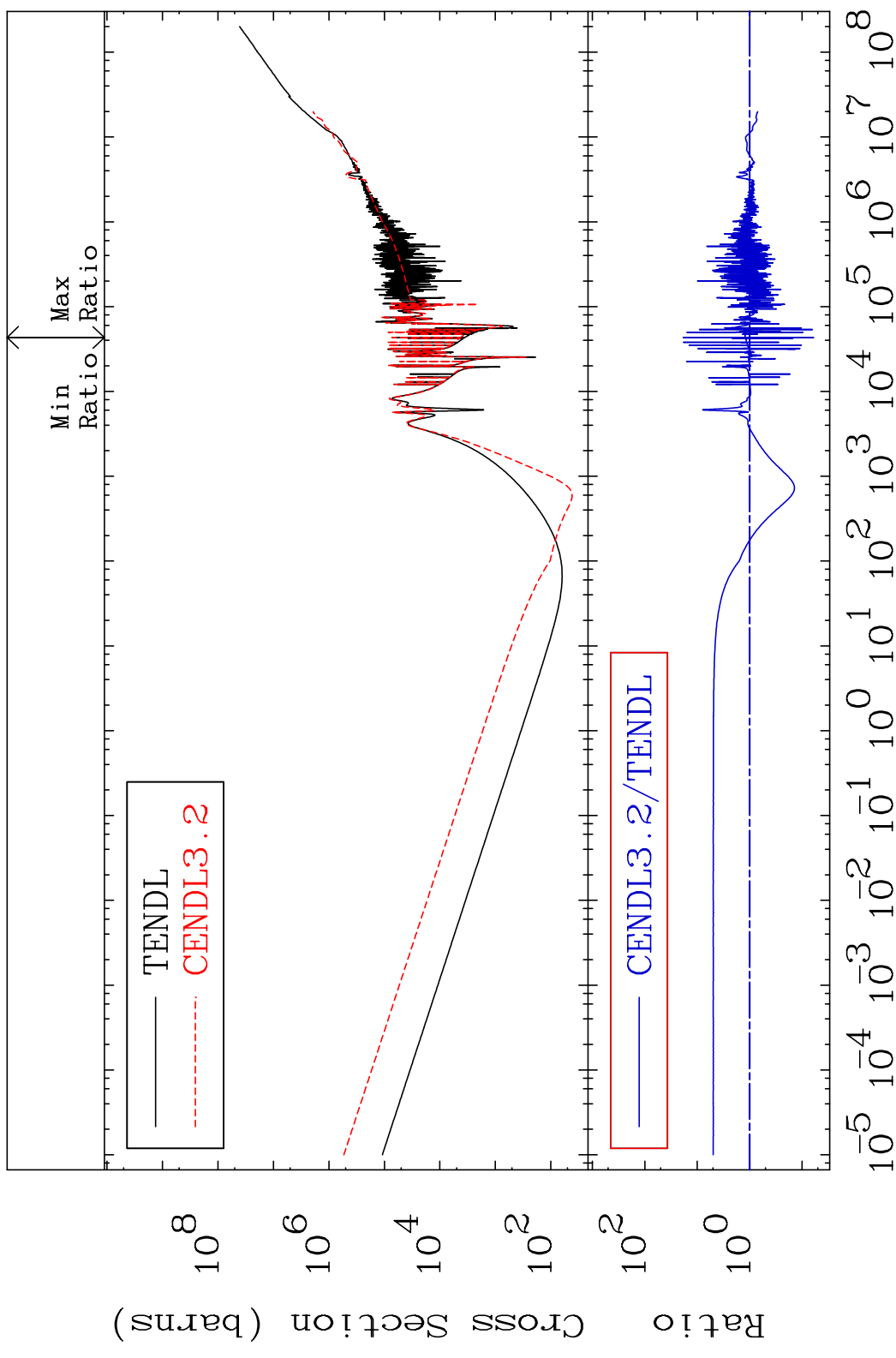


25

Incident Energy (eV)

24-Cr-53

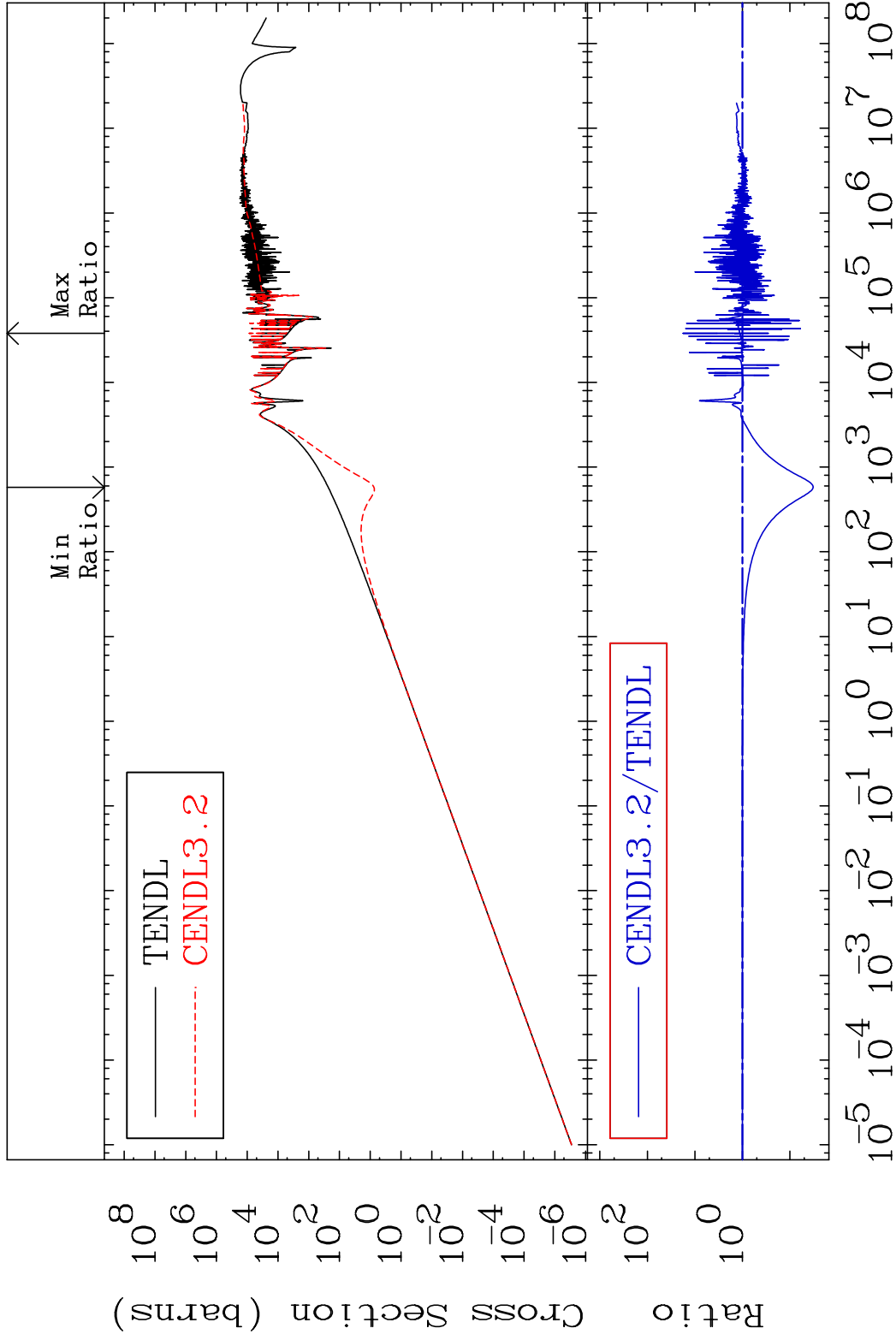
MAT 2434 Kerma total (eV-barns) 24-Cr-53
 Cross Section -94.05 To 1732. %



MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-96.74 To 1696. %

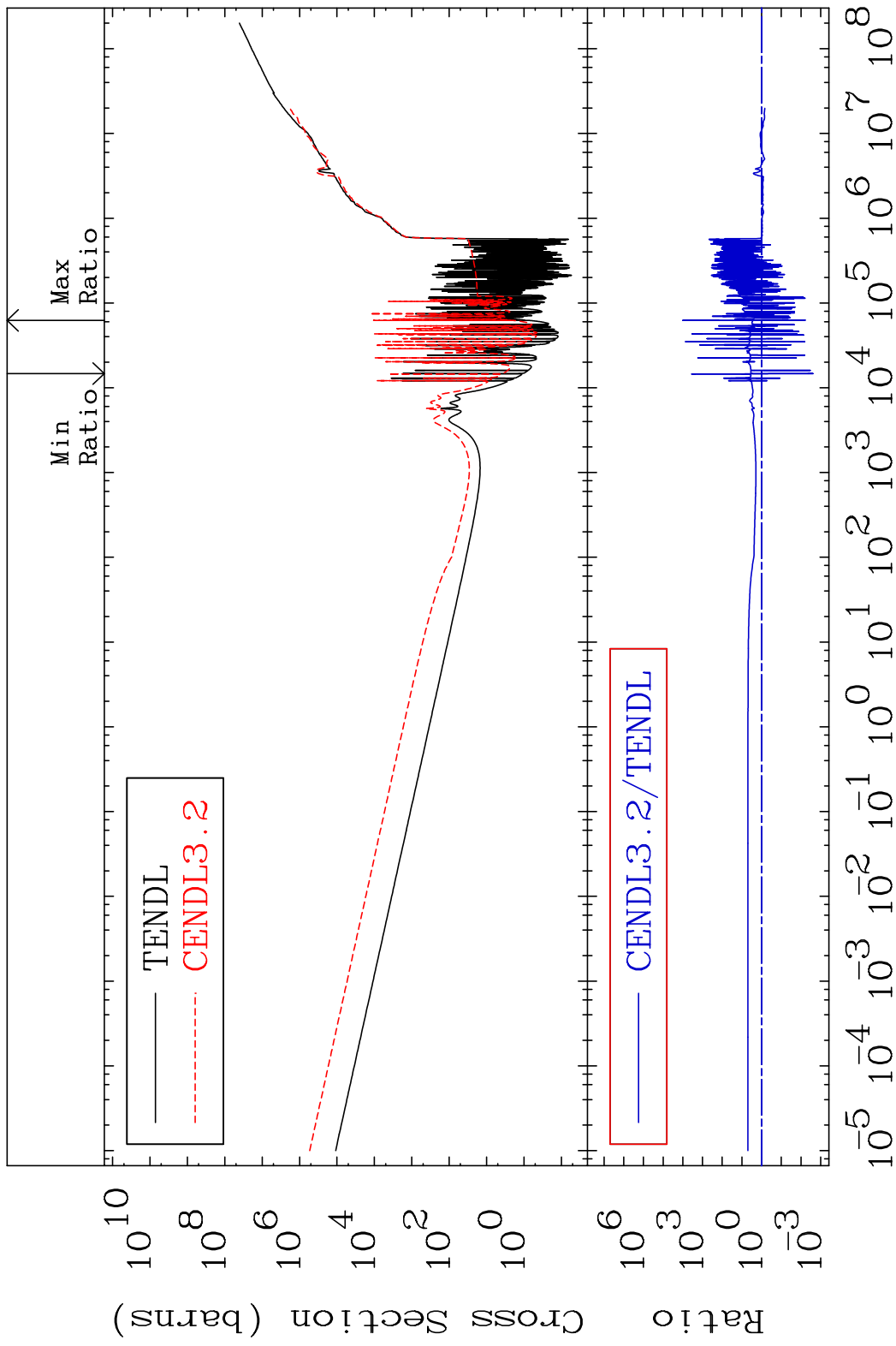


27

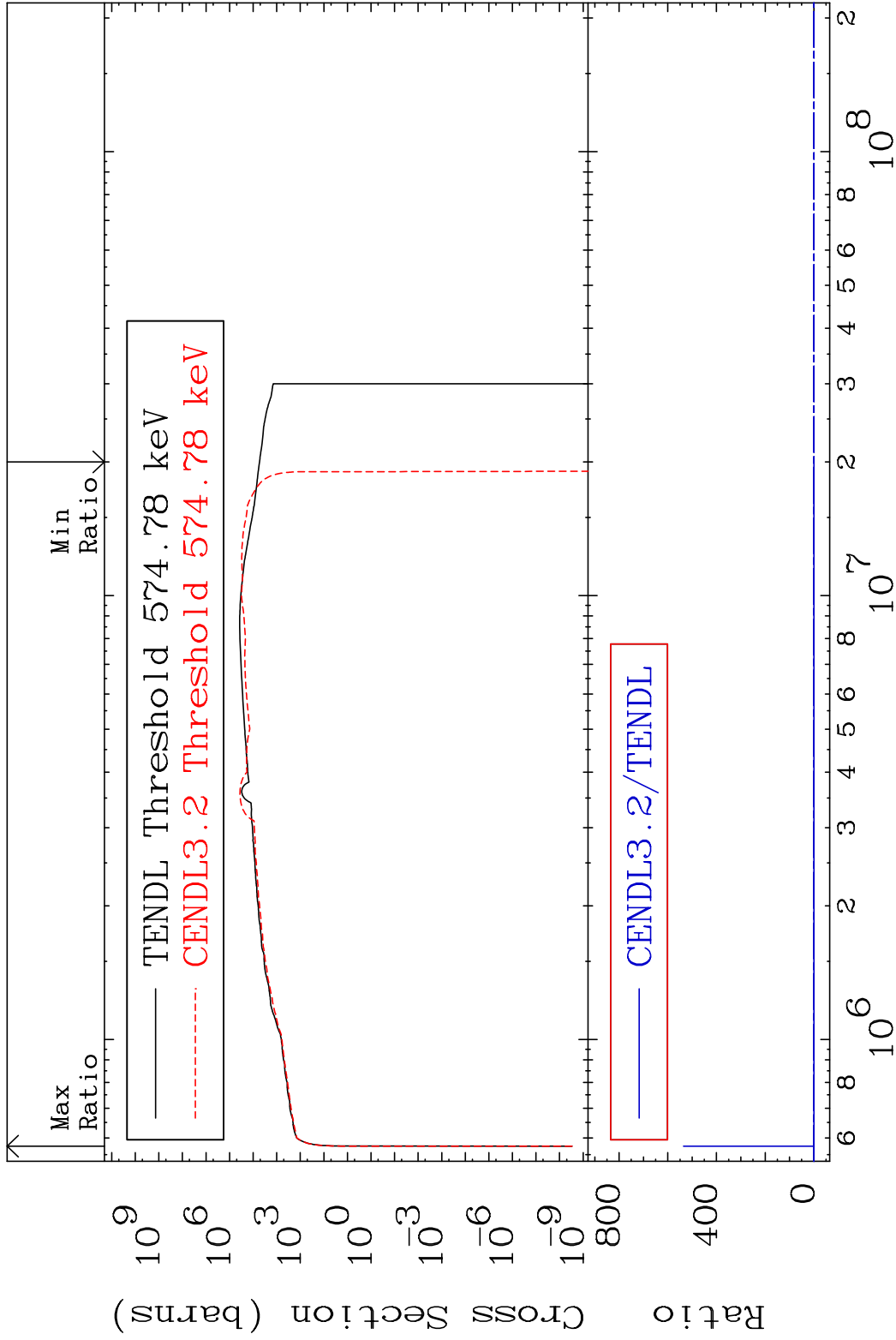
Incident Energy (eV)

24-Cr-53

MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
 Cross Section -99.76 To 9999. %

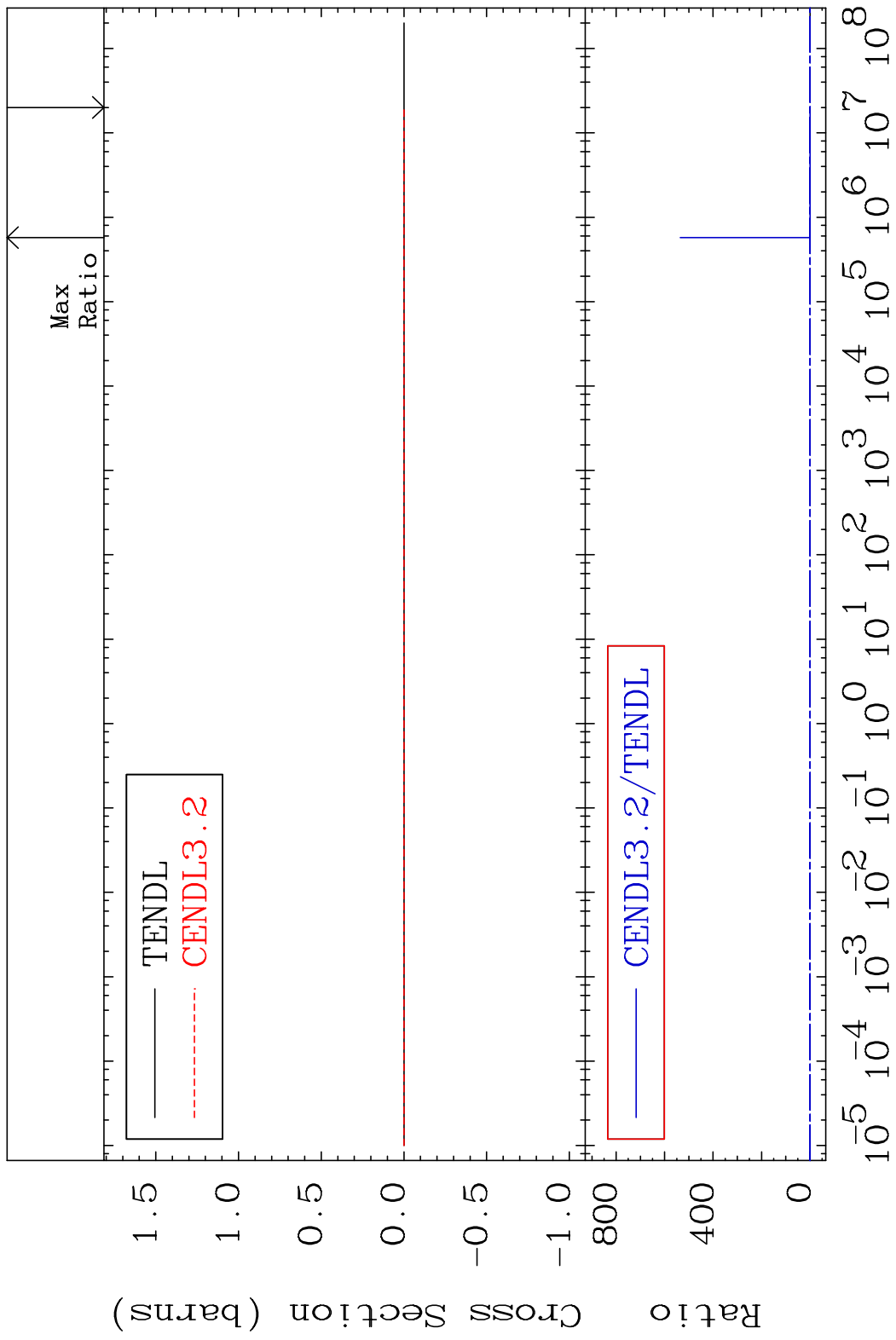


MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 Cross Section -130.0 To 9999. %

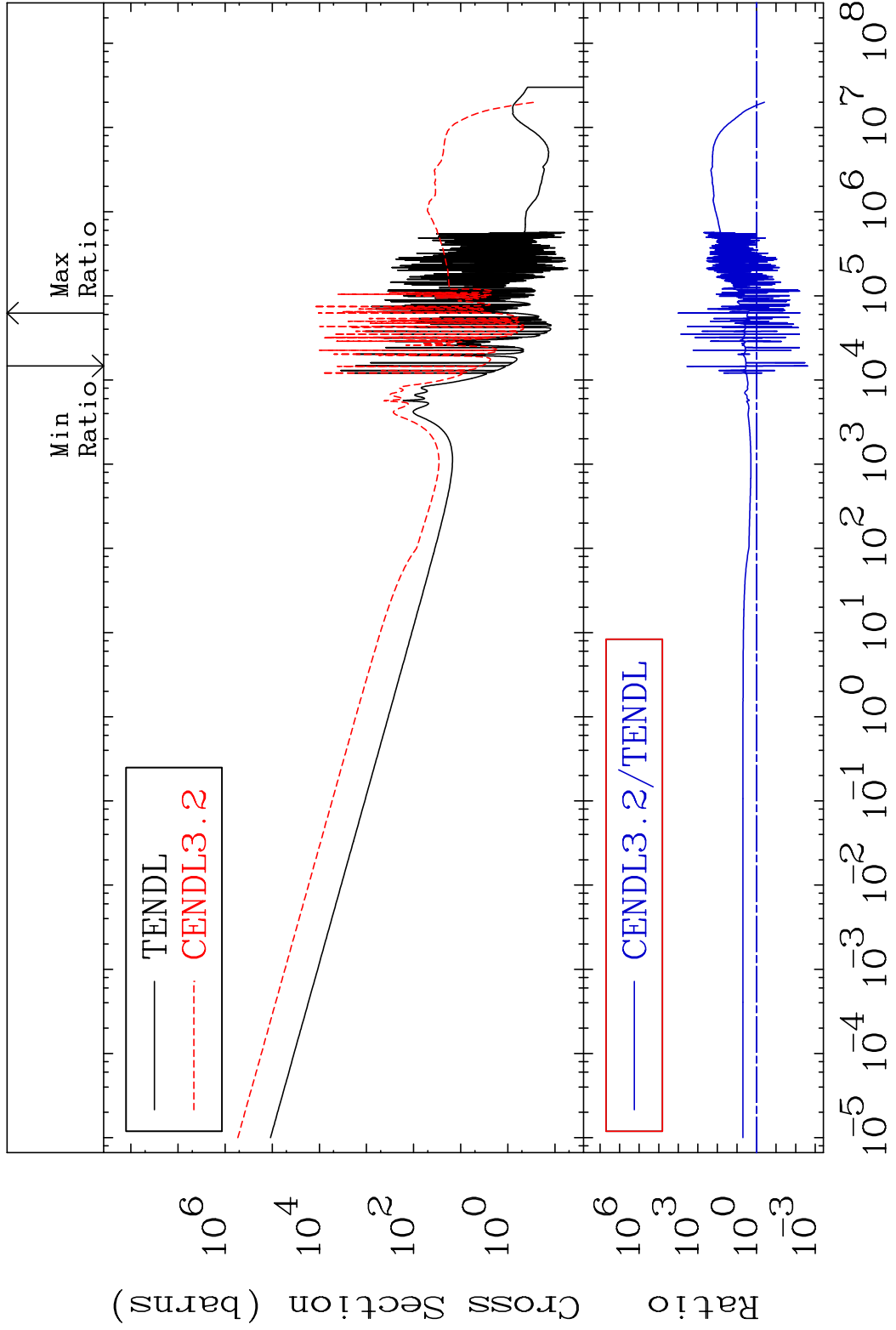


29 24-Cr-53

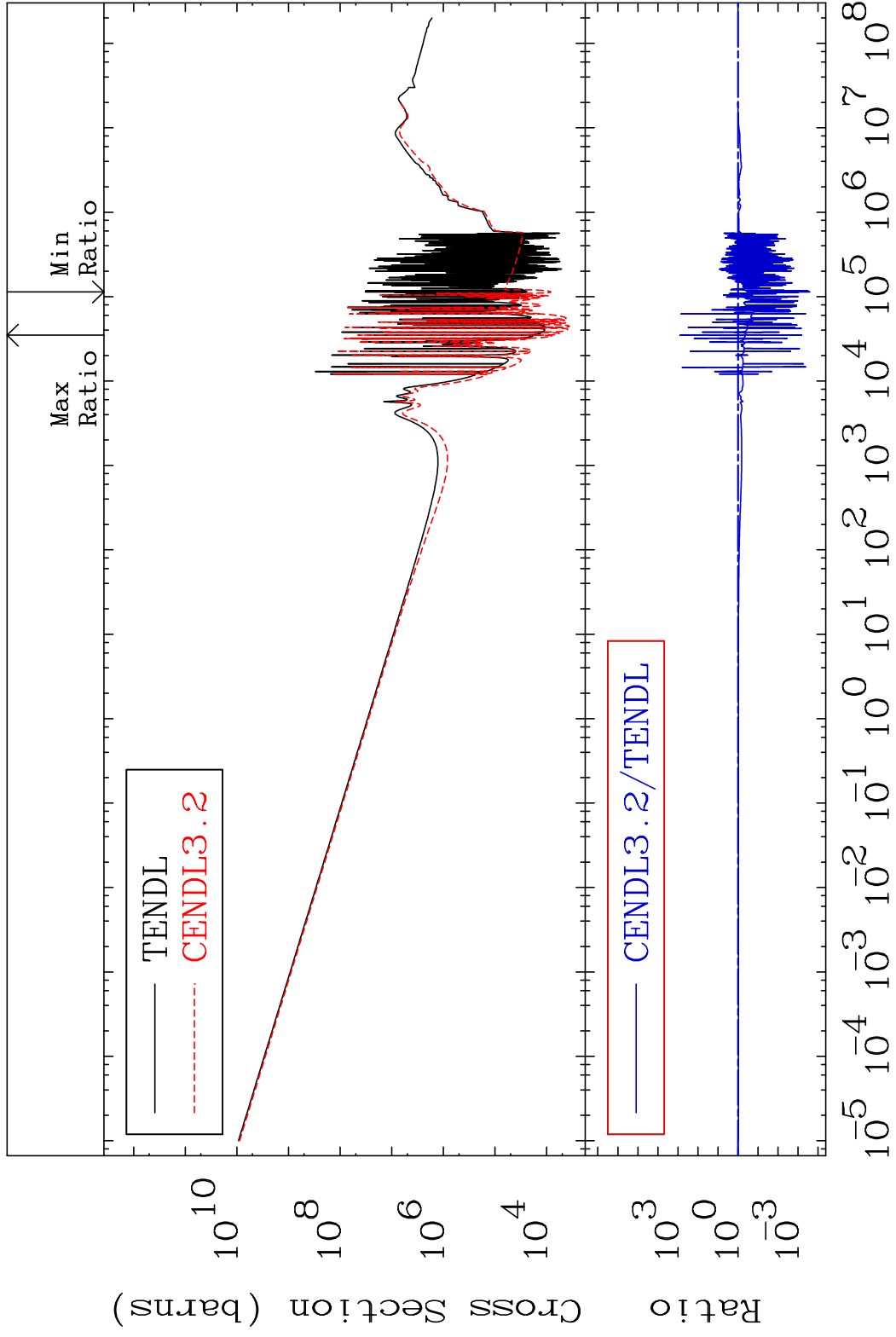
MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53
 Cross Section -130.0 To 9999. %



MAT 2434 Kerma capture (mt102) 24-Cr-53
 Cross Section -99.76 To 9999. %

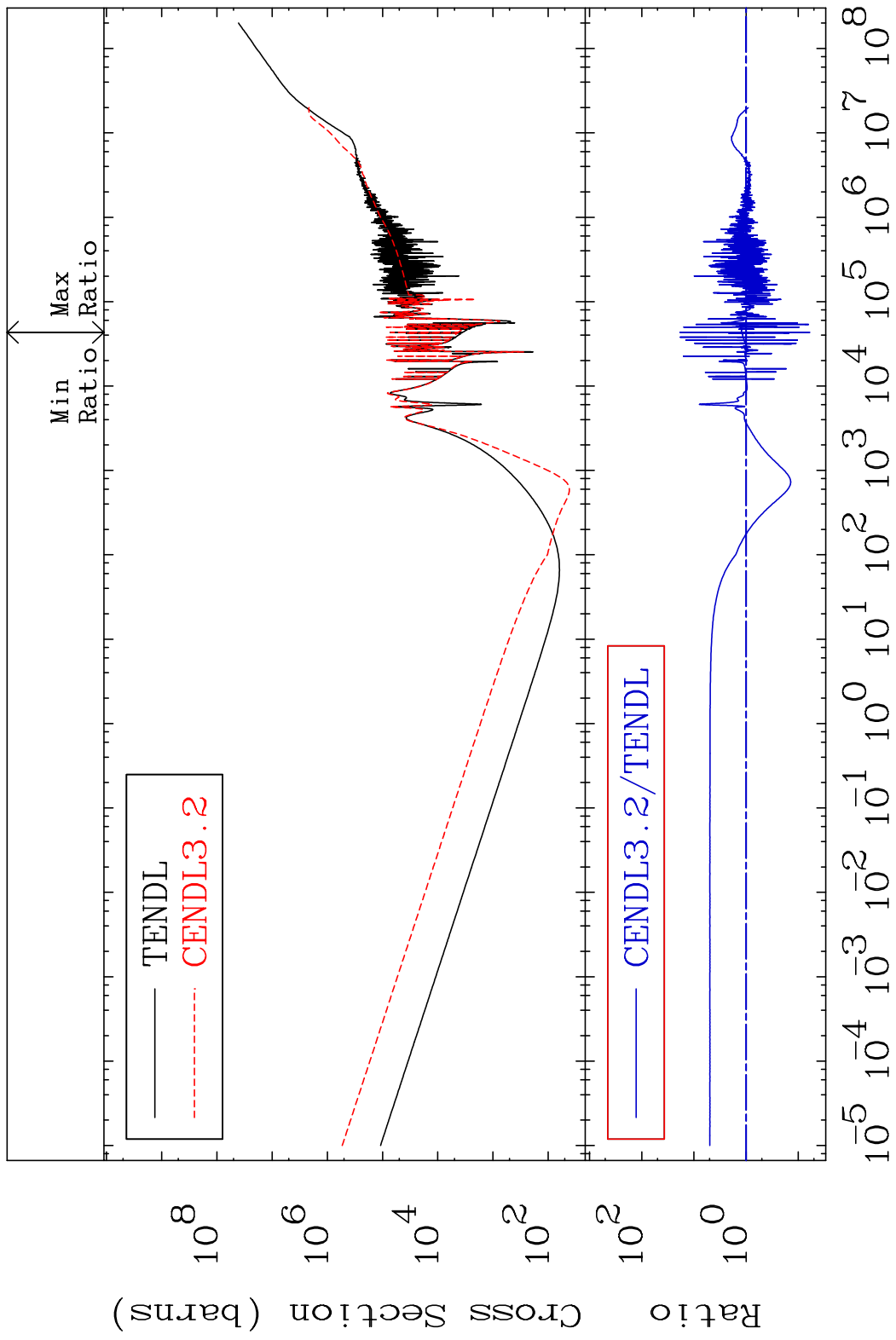


MAT 2434 Total photon (eV-barns) 24-Cr-53
 Cross Section -99.97 To 9999. %



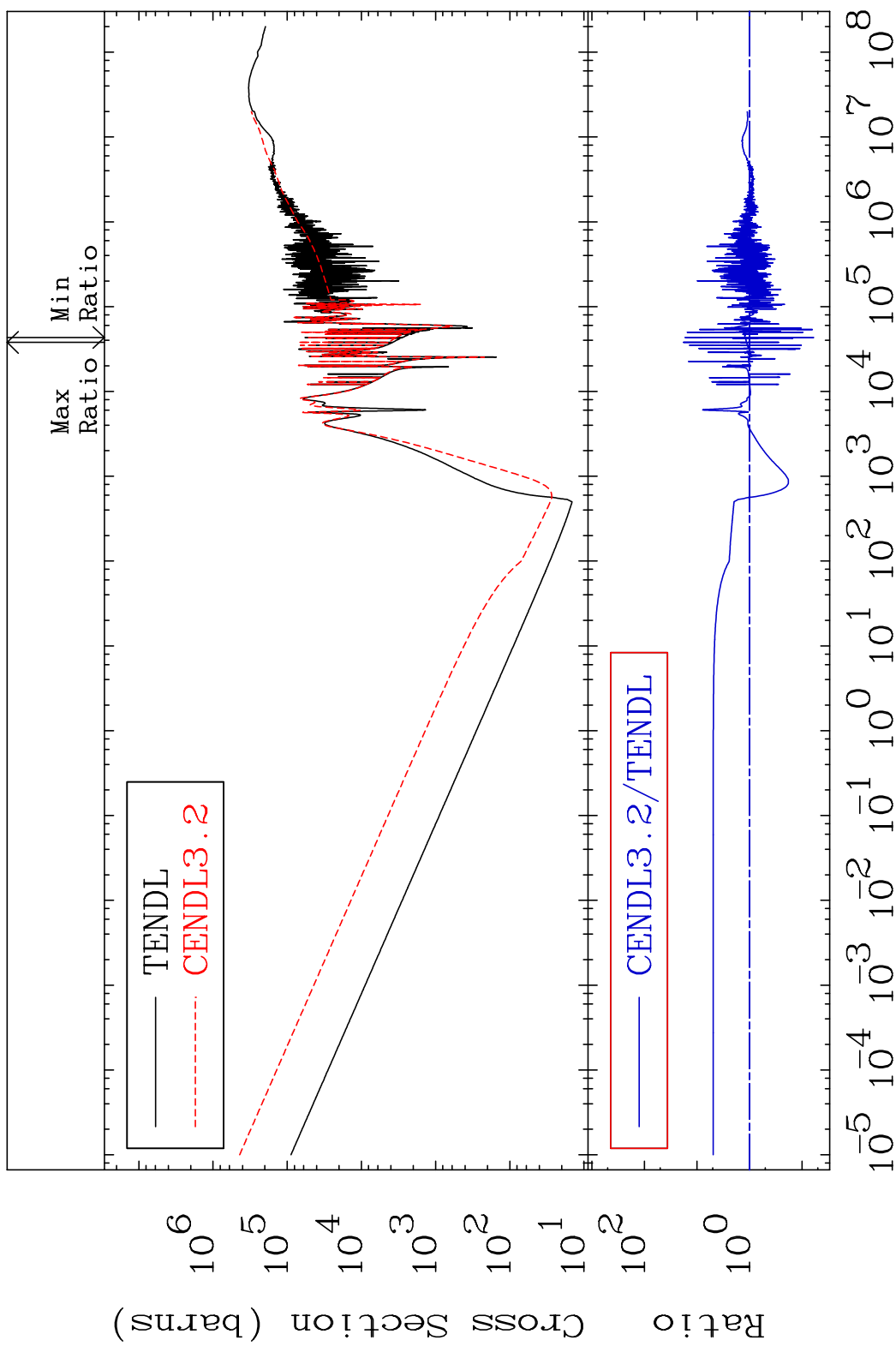
32 Incident Energy (eV) 24-Cr-53

MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
 Cross Section -94.05 To 1732. %

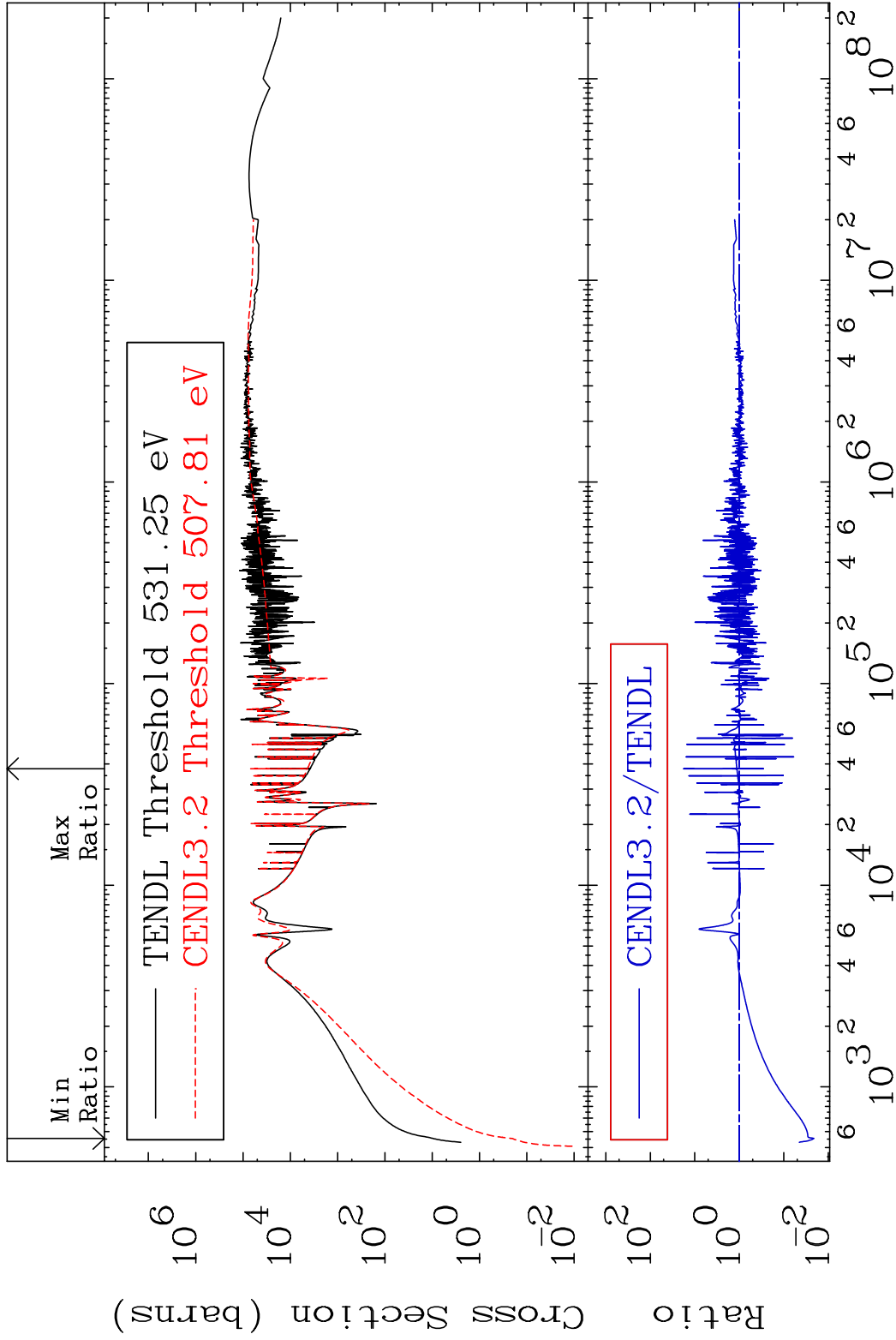


33 Incident Energy (eV) 24-Cr-53

MAT 2434 Dpa total (eV-barns) ²⁴Cr-53
 Cross Section -94.06 To 1708. %

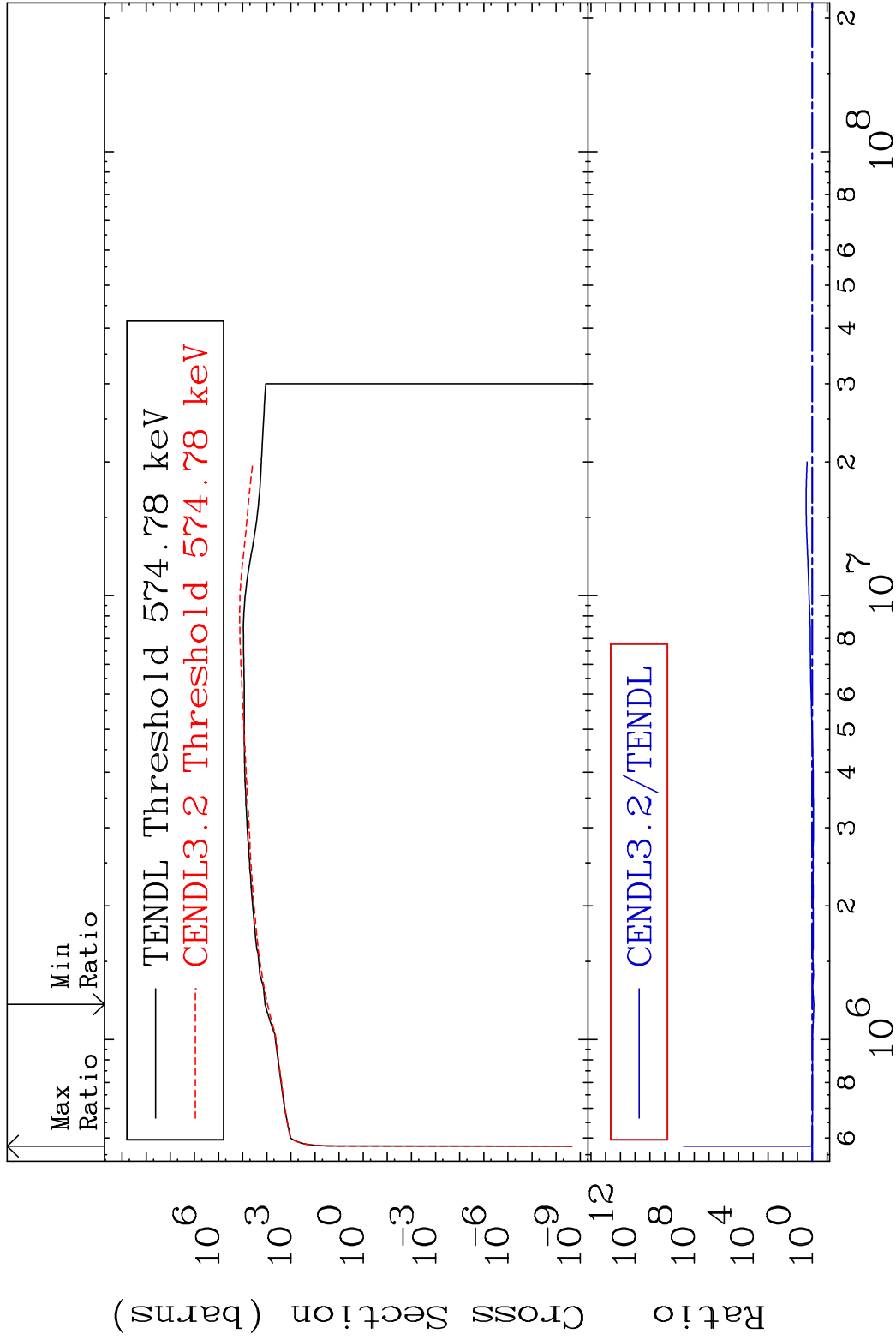


MAT 2434 Dpa elastic (mt2) 24-Cr-53
 Cross Section -97.89 To 1696. %



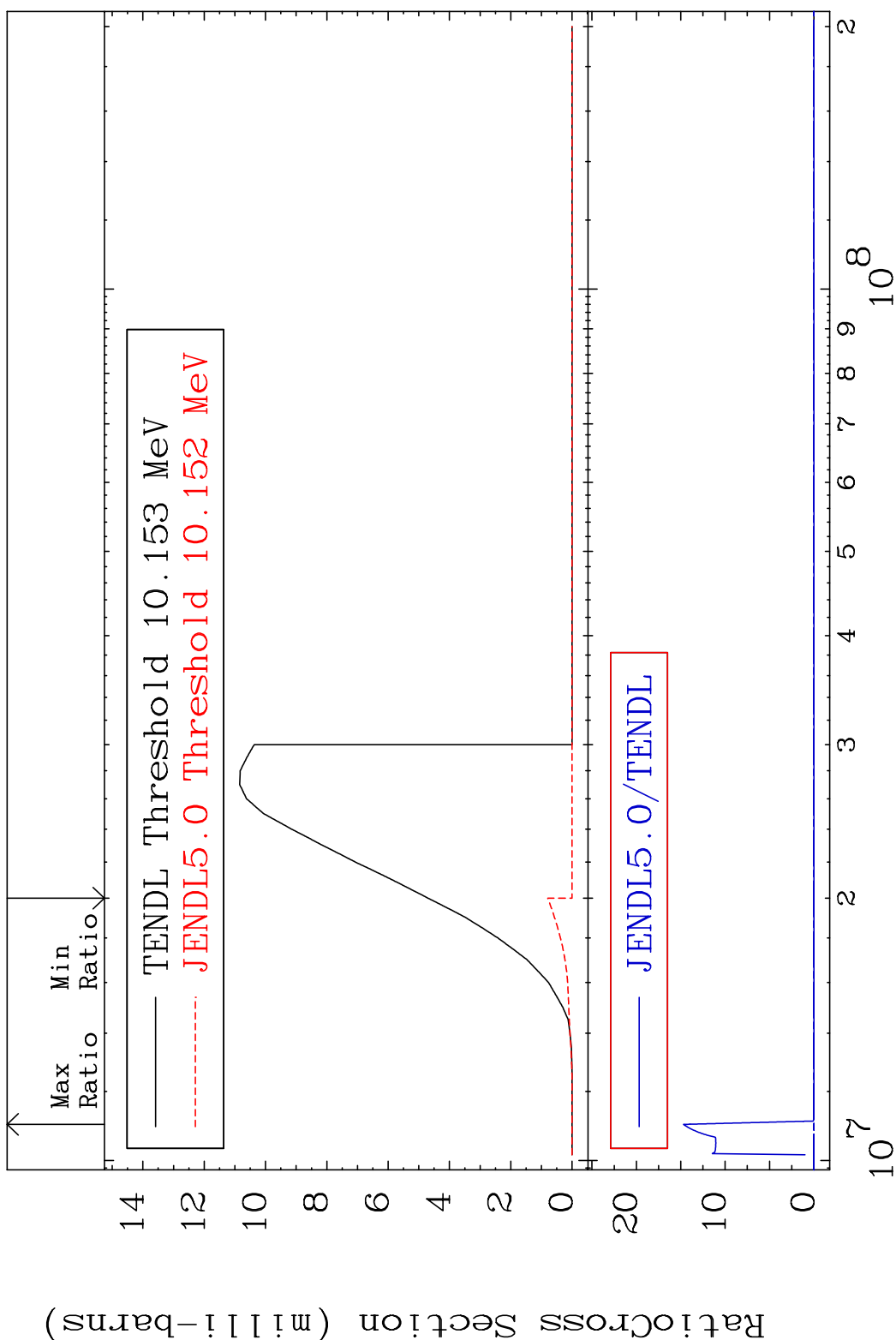
35 Incident Energy (eV) 24-Cr-53

MAT 2434 Dpa inelastic (mt51-91) 24-Cr-53
 Cross Section -21.38 To 9999. %



36 Incident Energy (eV) 24-Cr-53

MAT 2434 (n, t) 24-Cr-53
 Cross Section -100.0 To 9999. %



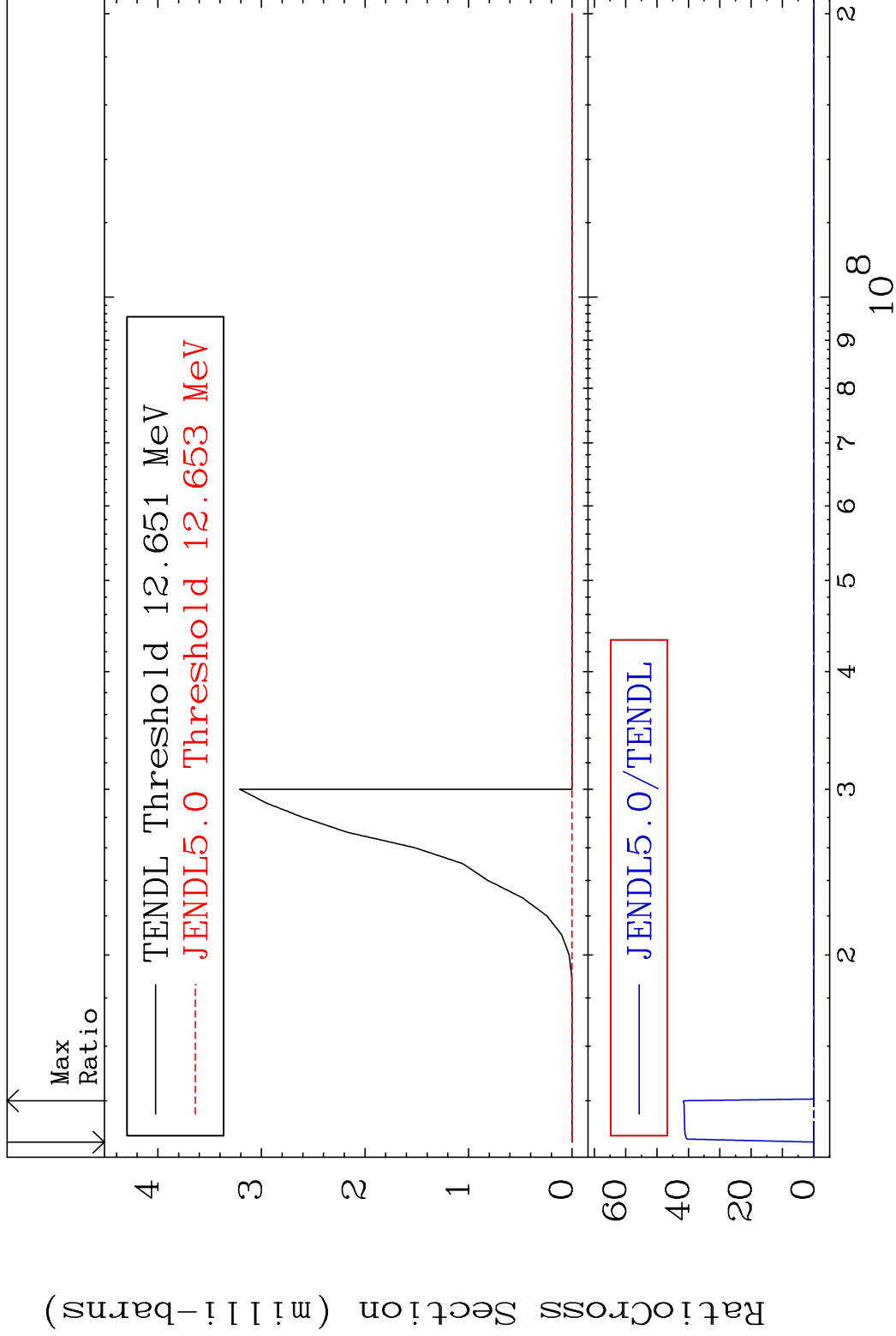
38 Incident Energy (eV) 24-Cr-53

MAT 2434

(n, He-3)

24-Cr-53

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

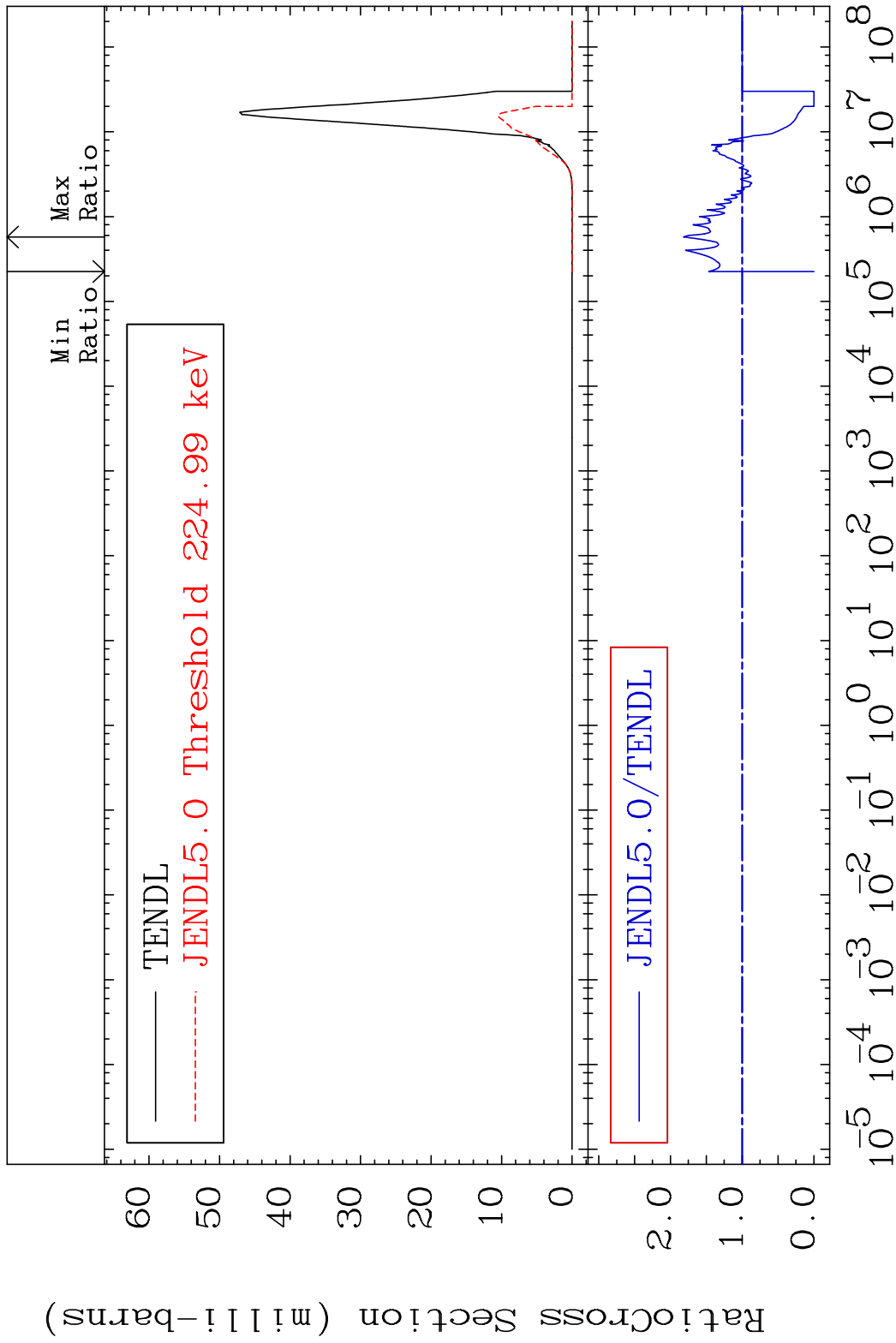
24-Cr-53

MAT 2434

(n, α)

24-Cr-53

Cross Section -100.0 To 81.88 %

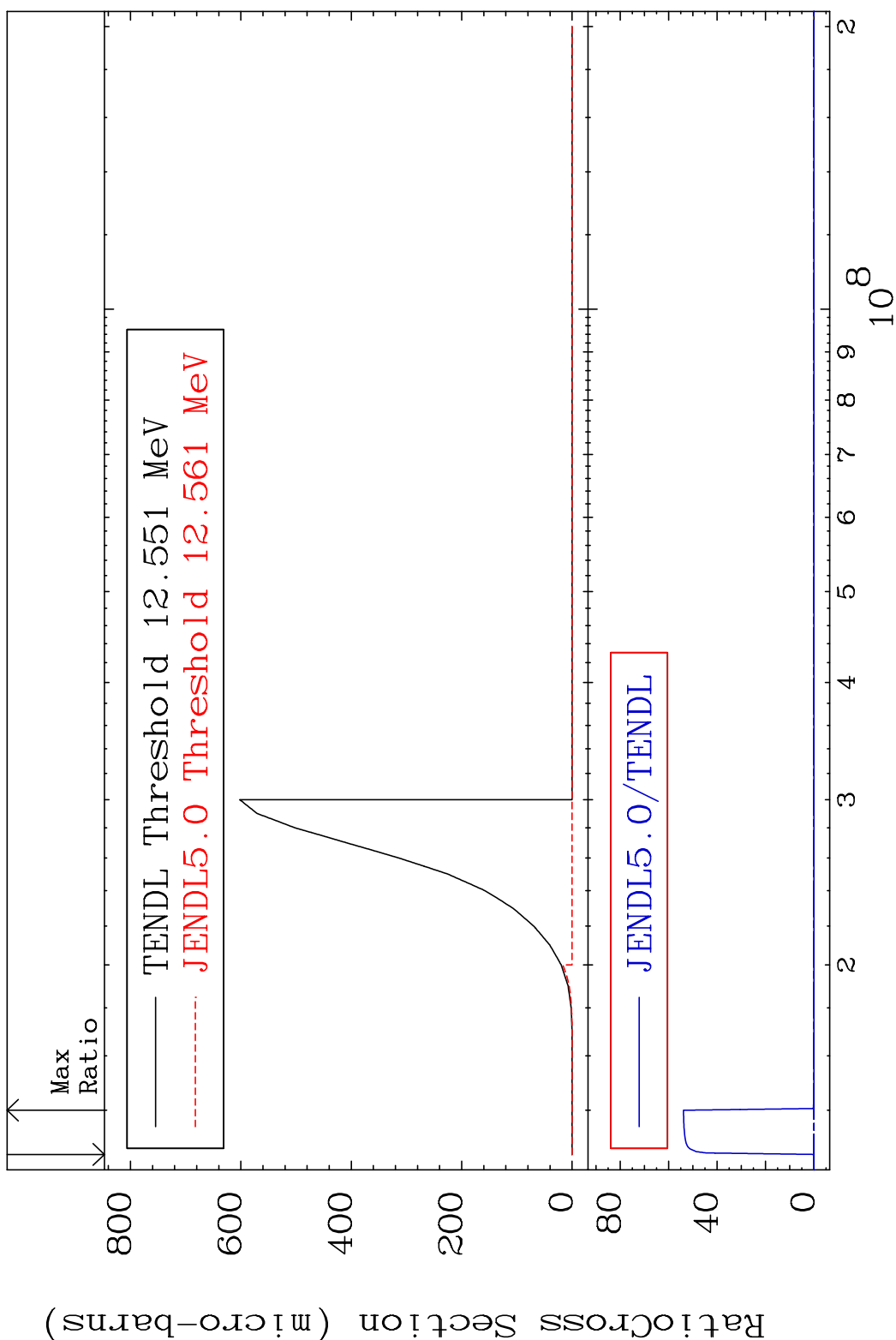


40

Incident Energy (eV)

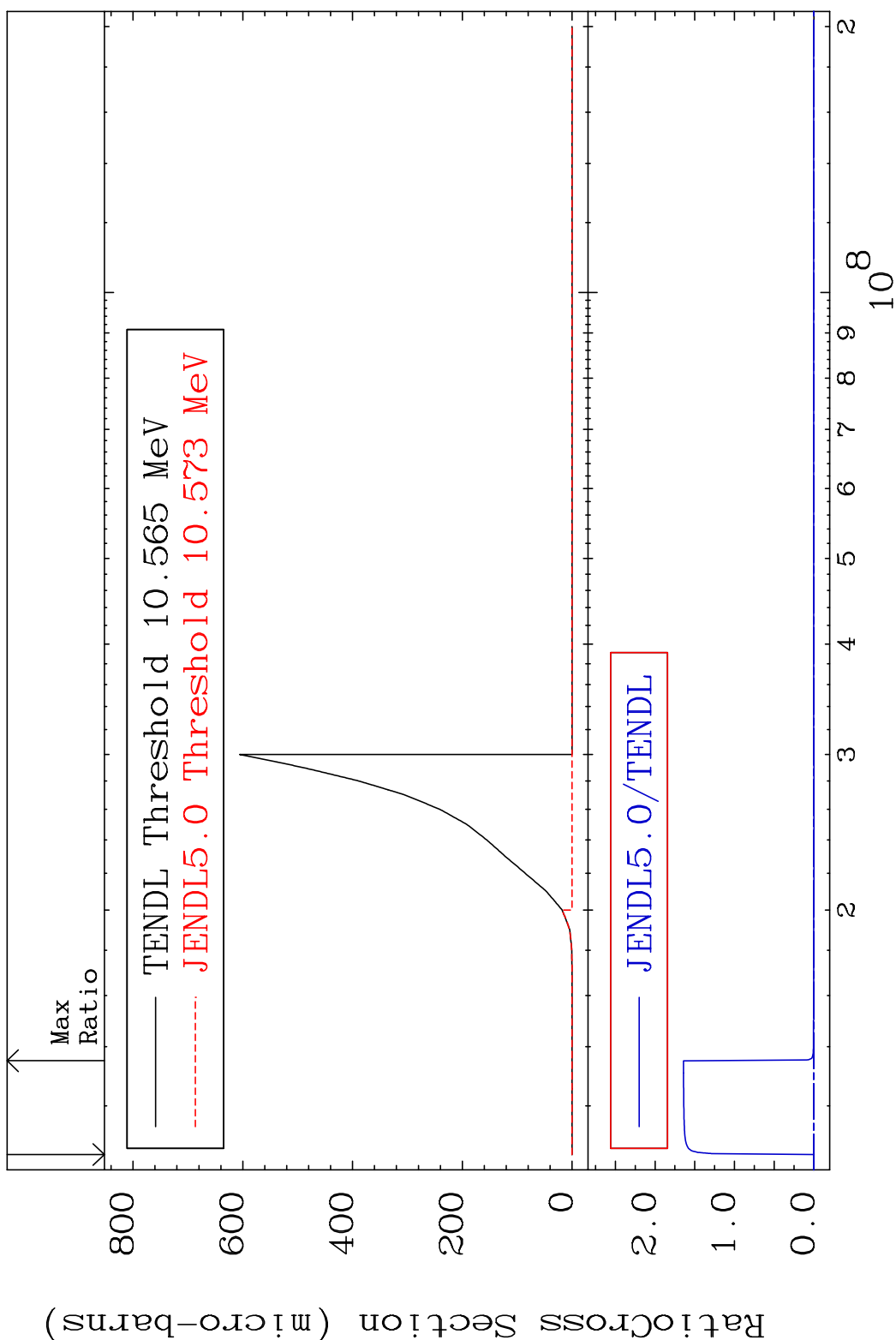
24-Cr-53

MAT 2434 (n,2p) 24-Cr-53
 Cross Section -100.0 To 9999. %



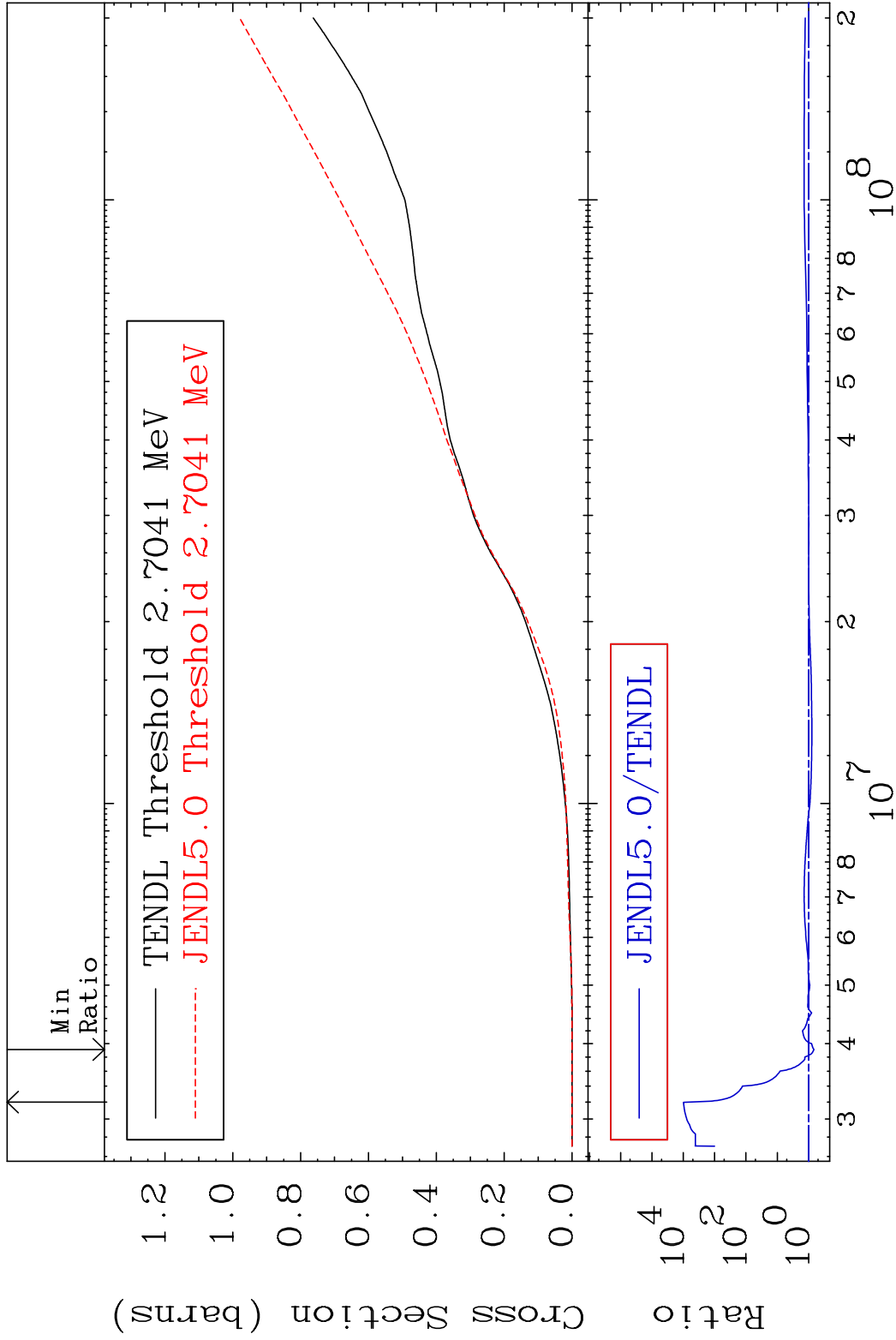
41 Incident Energy (eV) 24-Cr-53

MAT 2434 (n,p) α 24-Cr-53
Cross Section -100.0 To 9999. %



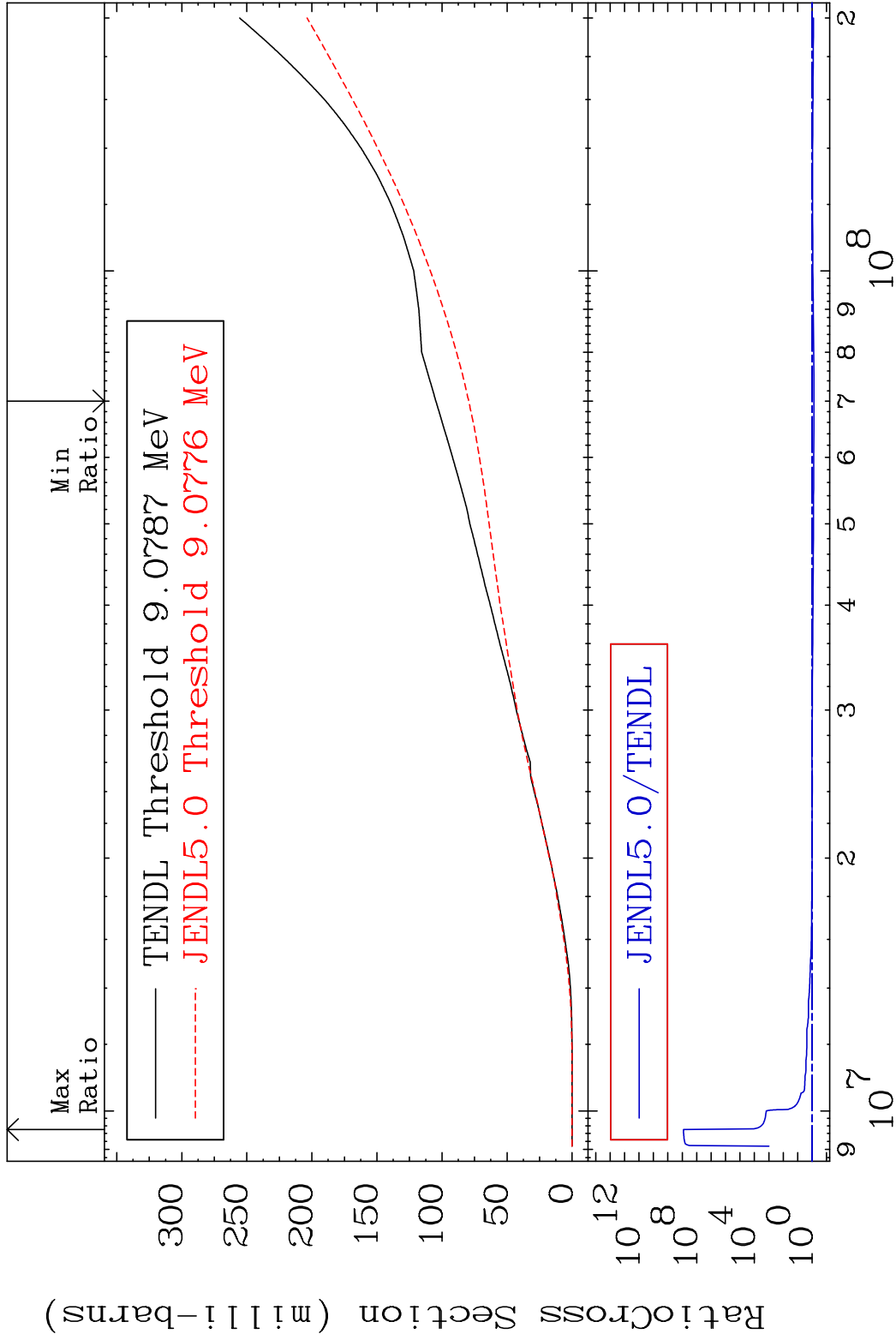
42 Incident Energy (eV) 24-Cr-53

MAT 2434 Hydrogen Production 24-Cr-53
 Cross Section -32.22 To 9999. %



43 Incident Energy (eV) 24-Cr-53

MAT 2434 Deuterium Production 24-Cr-53
 Cross Section -24.12 To 9999. %



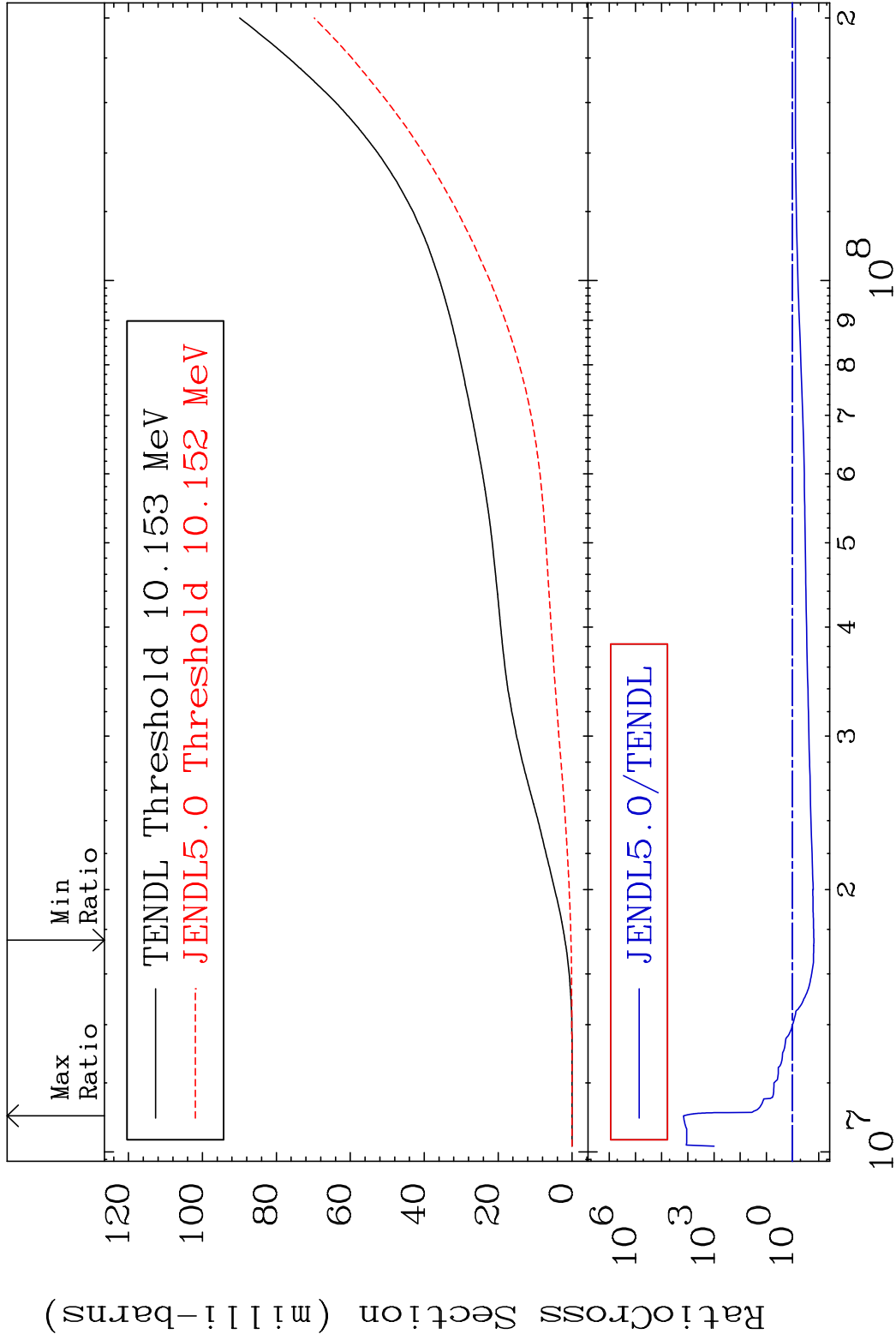
44 24-Cr-53

MAT 2434

Tritium Production

²⁴Cr-53

Cross Section -84.67 To 9999. %



45

Incident Energy (eV)

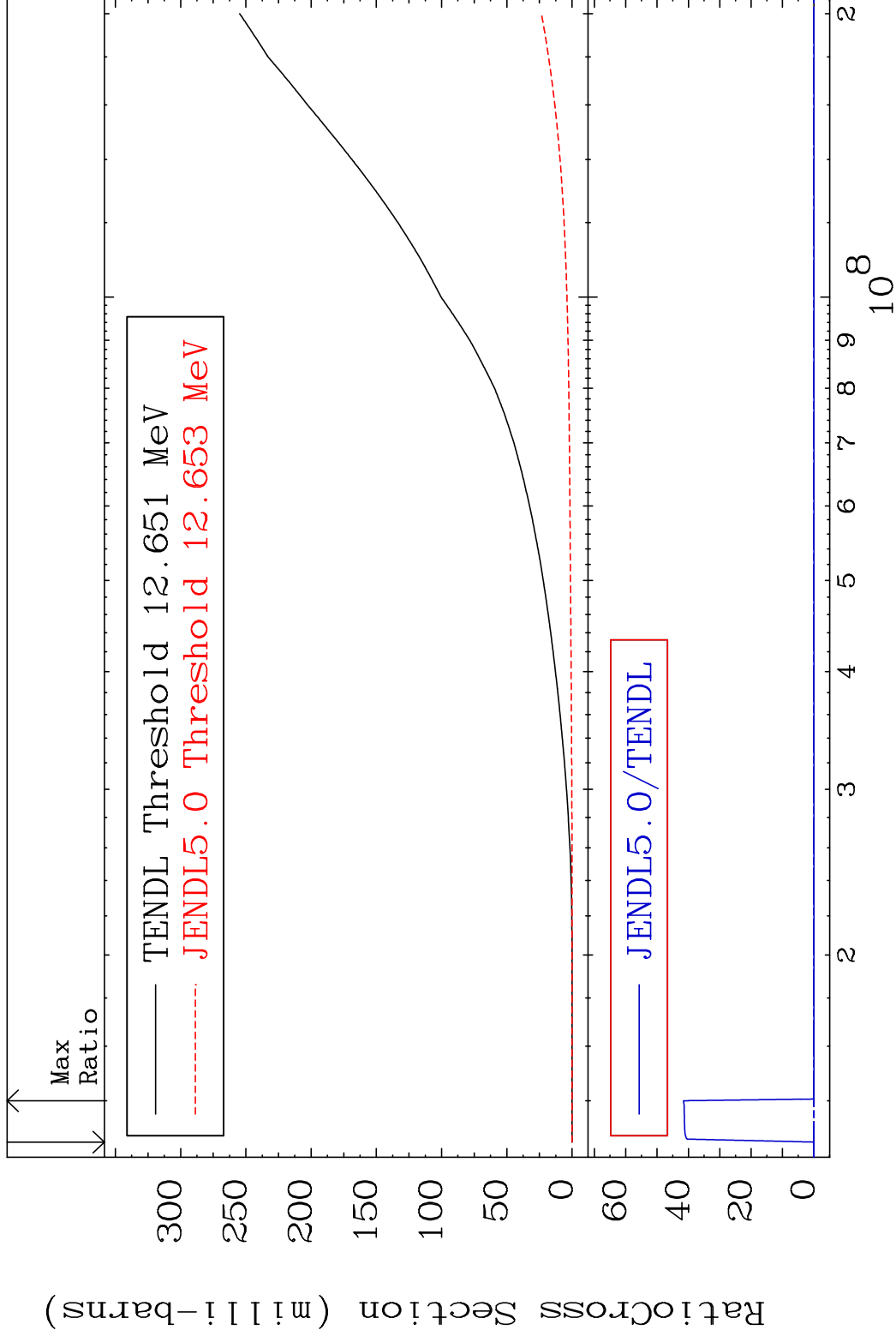
²⁴Cr-53

MAT 2434

He-3 Production

24-Cr-53

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

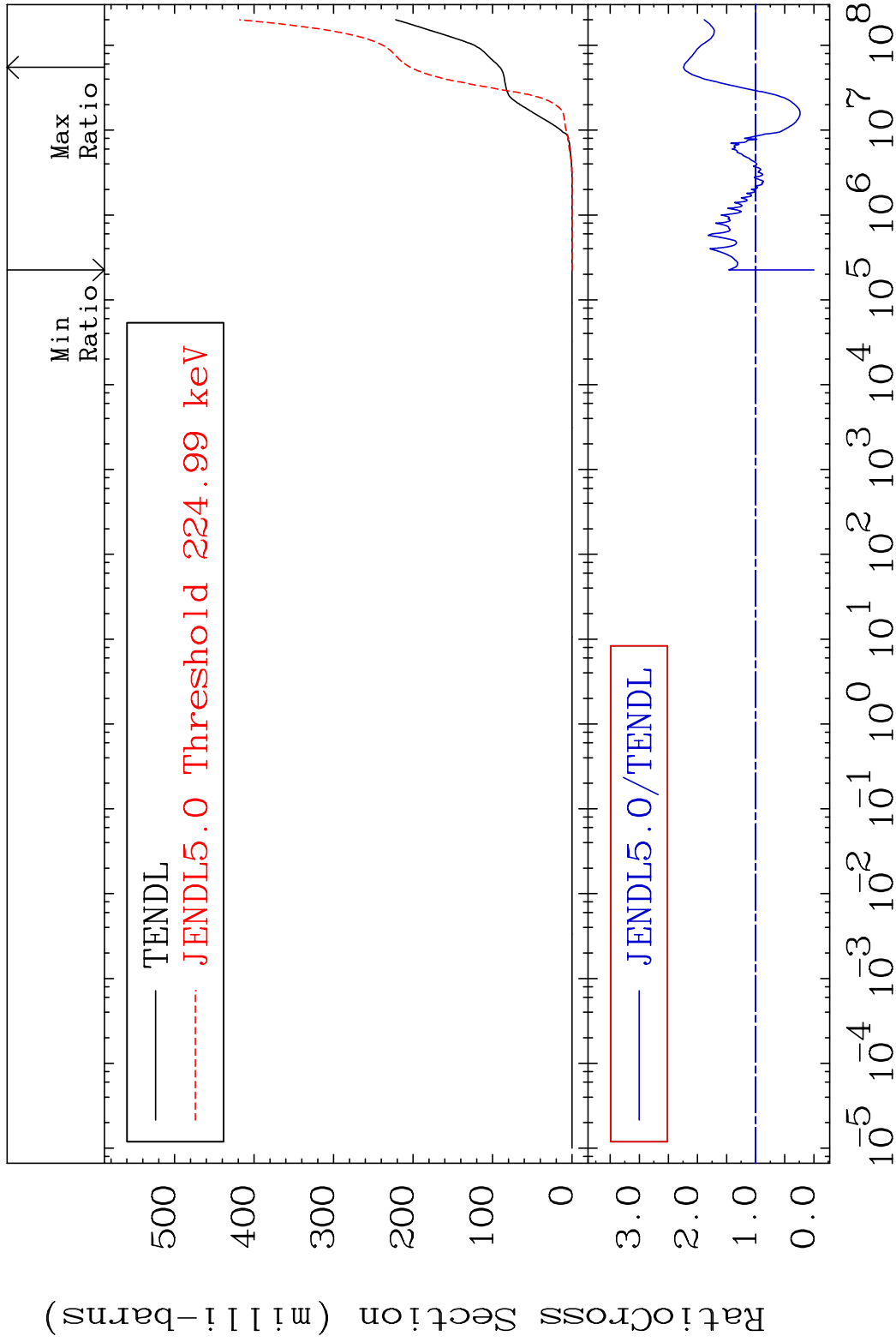
24-Cr-53

MAT 2434

He-4 Production

24-Cr-53

Cross Section -100.0 To 124.2 %

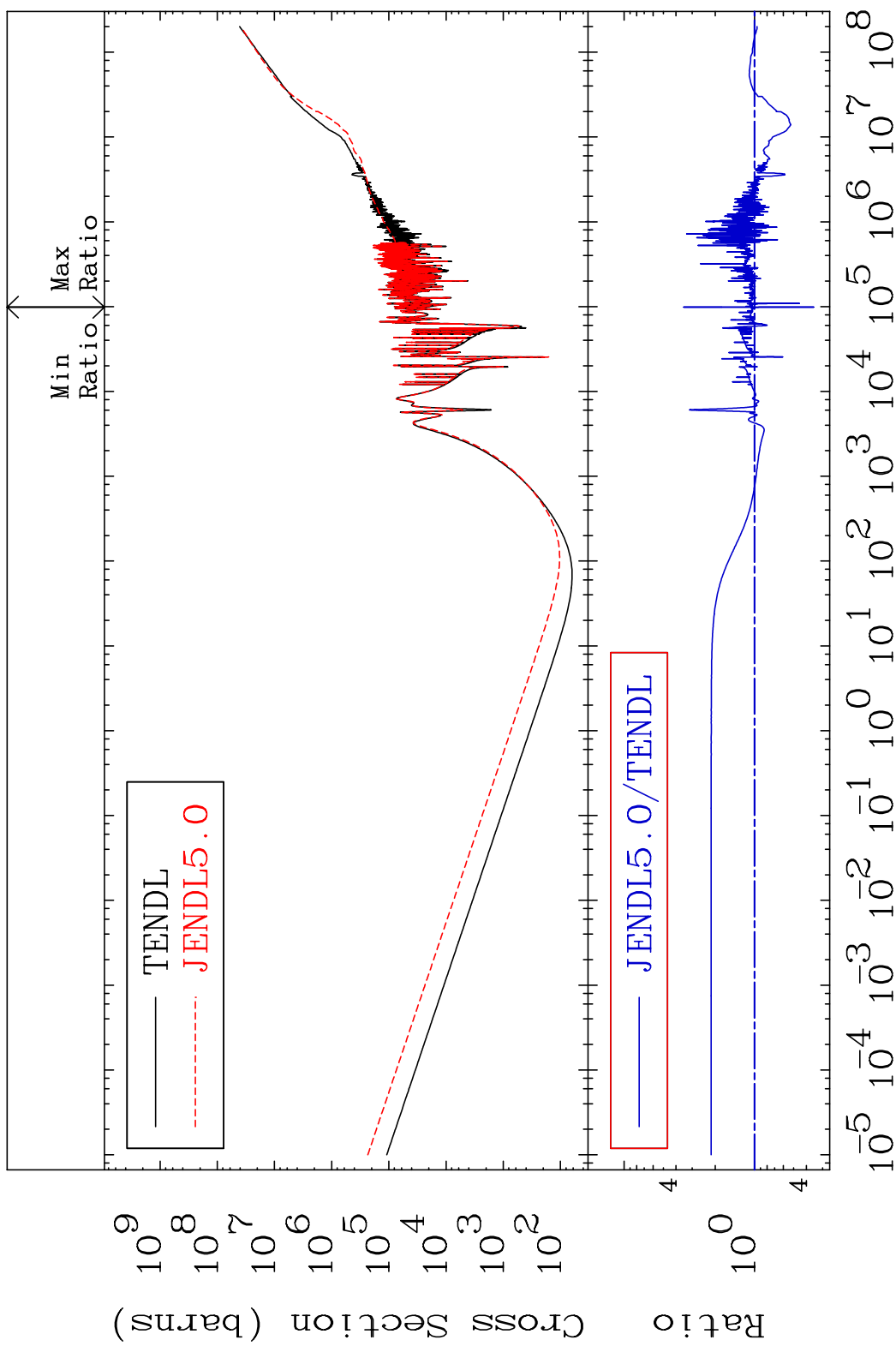


47

Incident Energy (eV)

24-Cr-53

MAT 2434 Kerma total (eV-barns) 24-Cr-53
 Cross Section -65.02 To 250.4 %

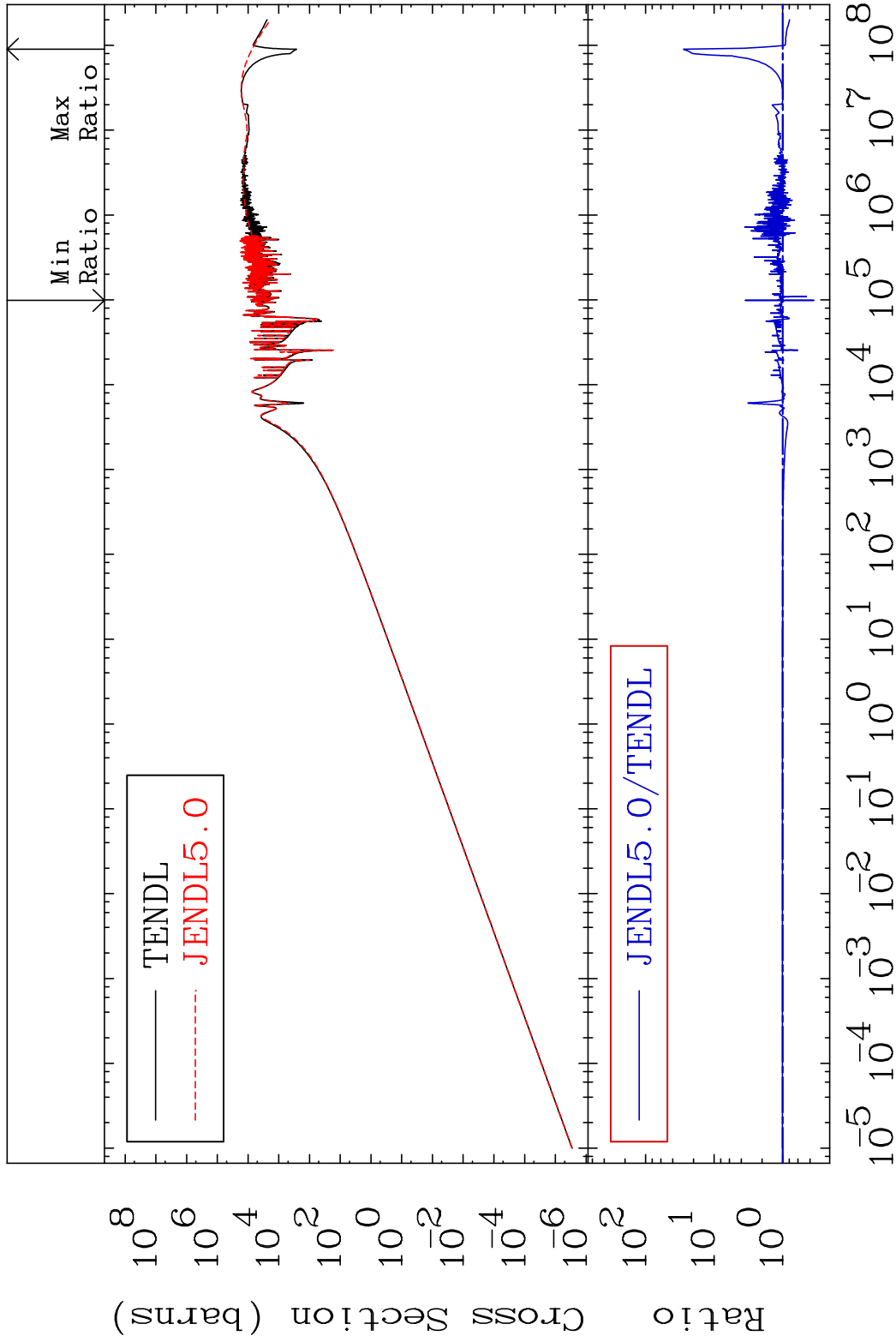


48 Incident Energy (eV) 24-Cr-53

MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-64.97 To 2701. %

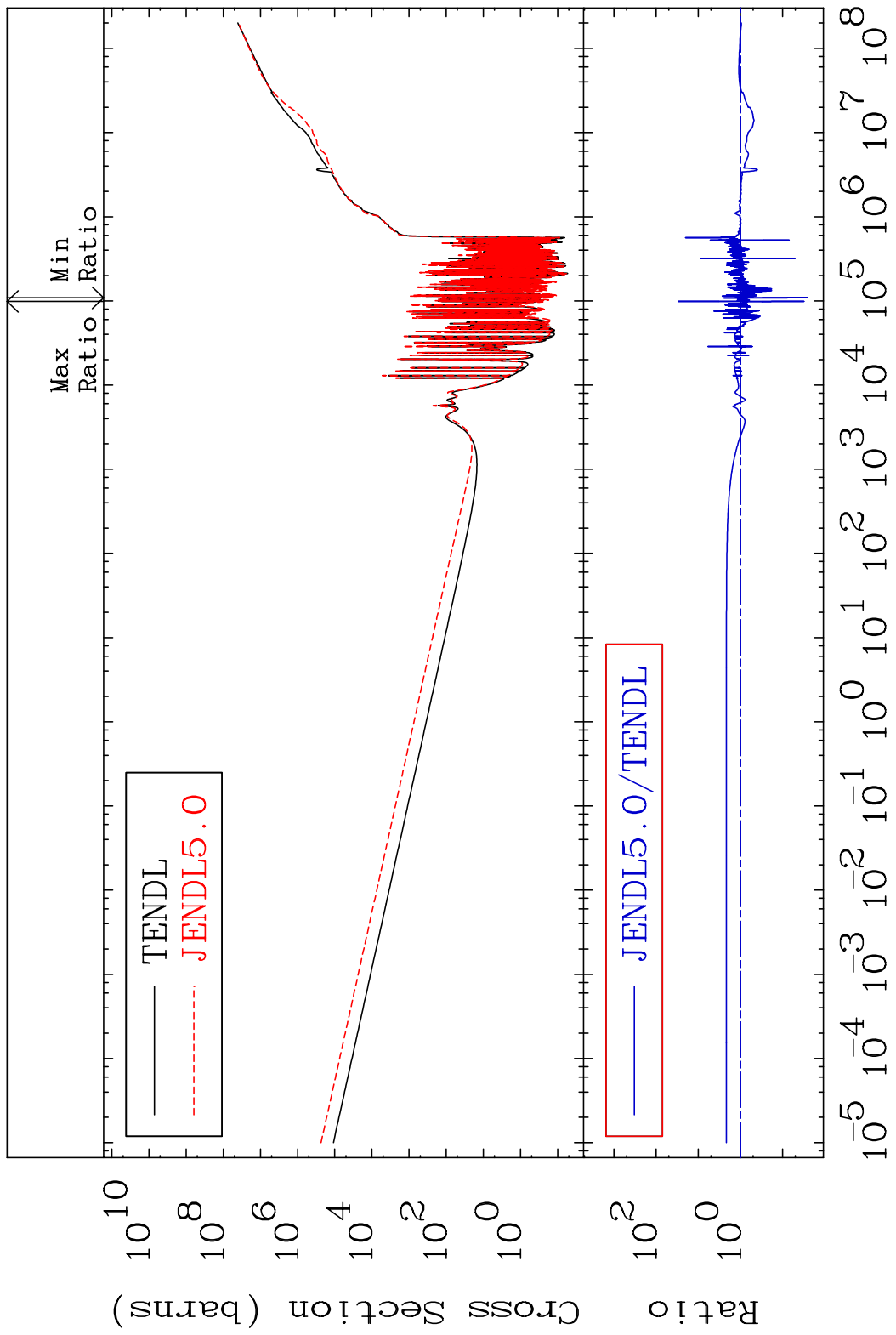


49

Incident Energy (eV)

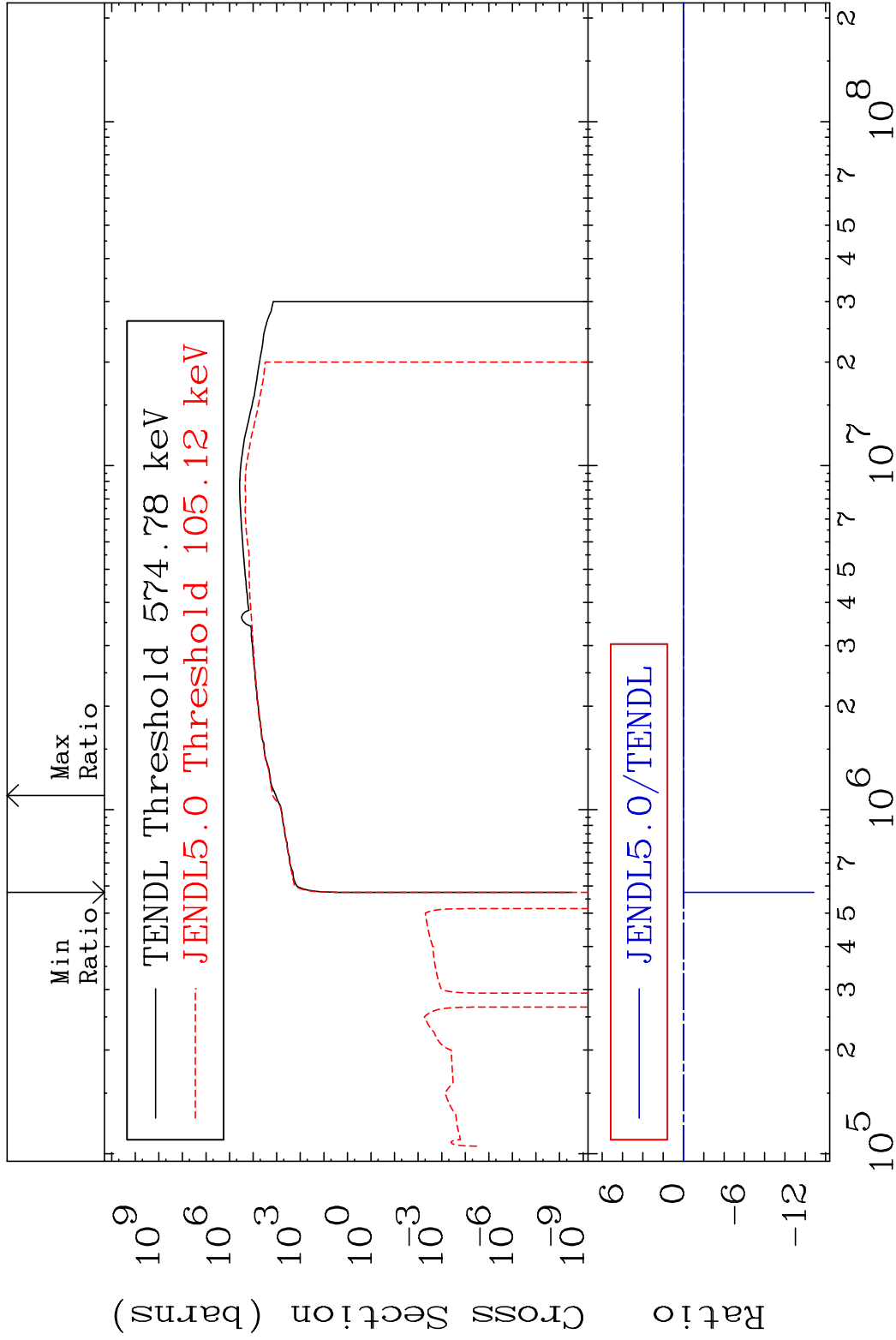
24-Cr-53

MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
 Cross Section -97.47 To 2869. %



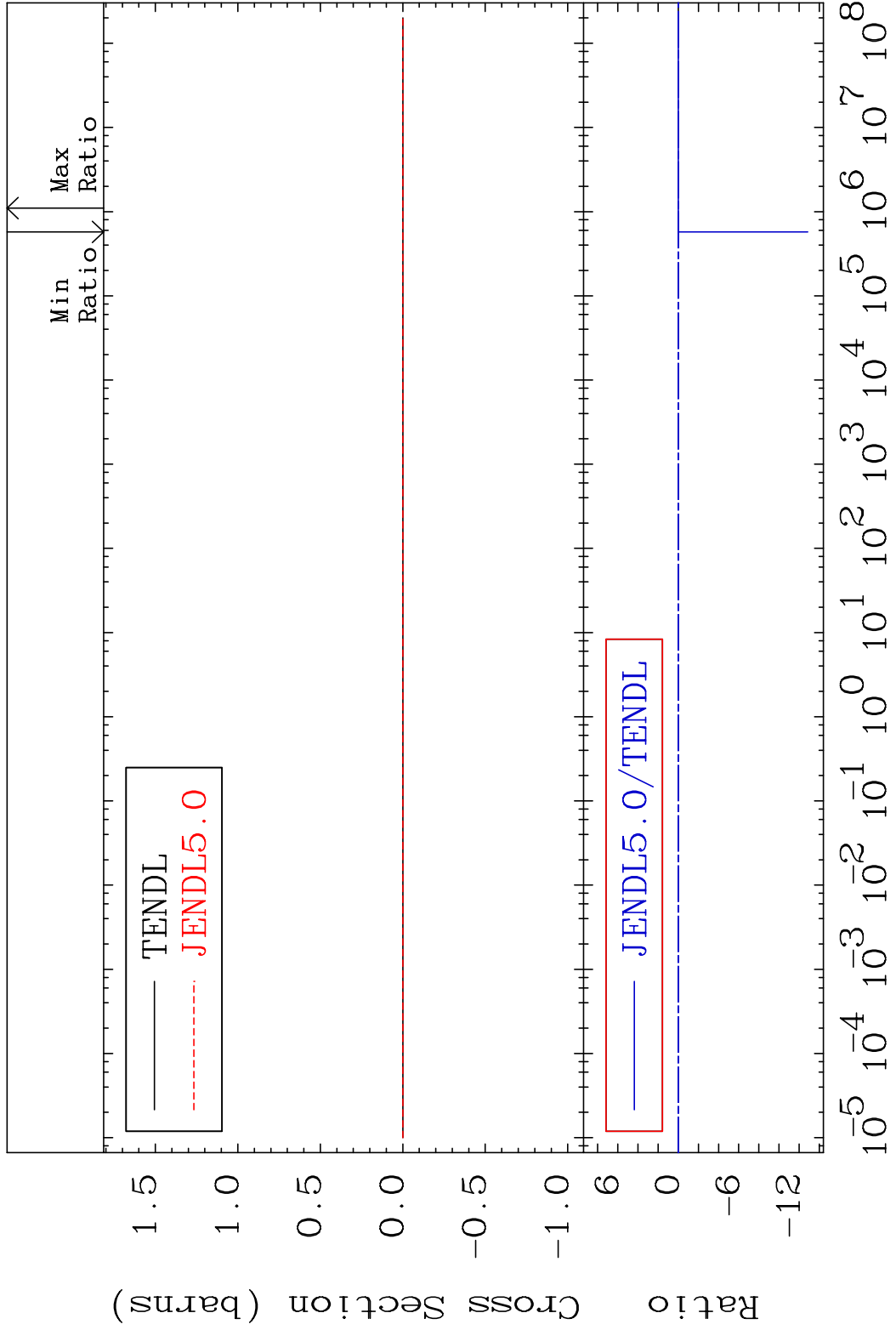
50 Incident Energy (eV) 24-Cr-53

MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 Cross Section -9999. To 35.74 %

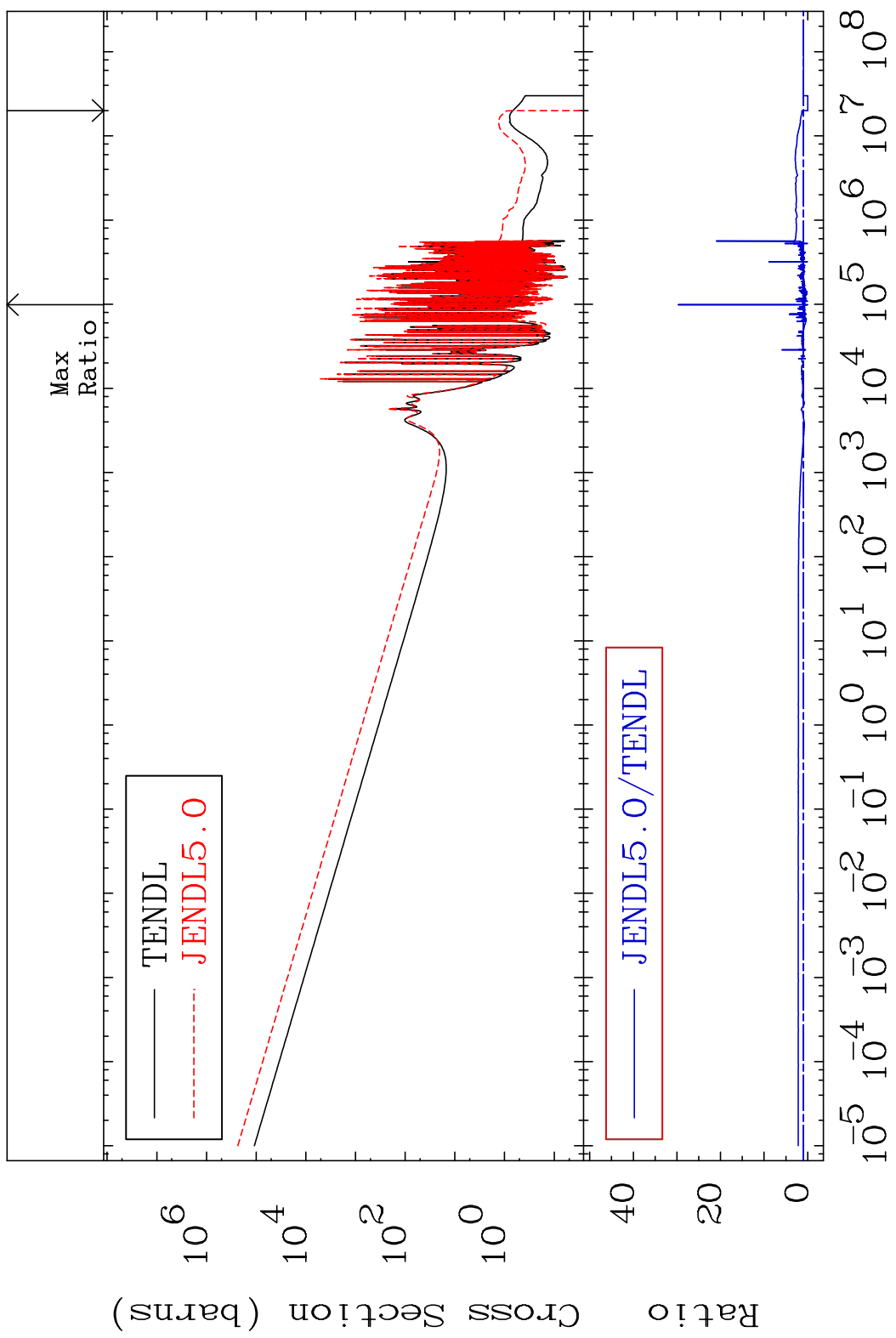


51 Incident Energy (eV) 24-Cr-53

MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53
 Cross Section -9999. To 35.74 %

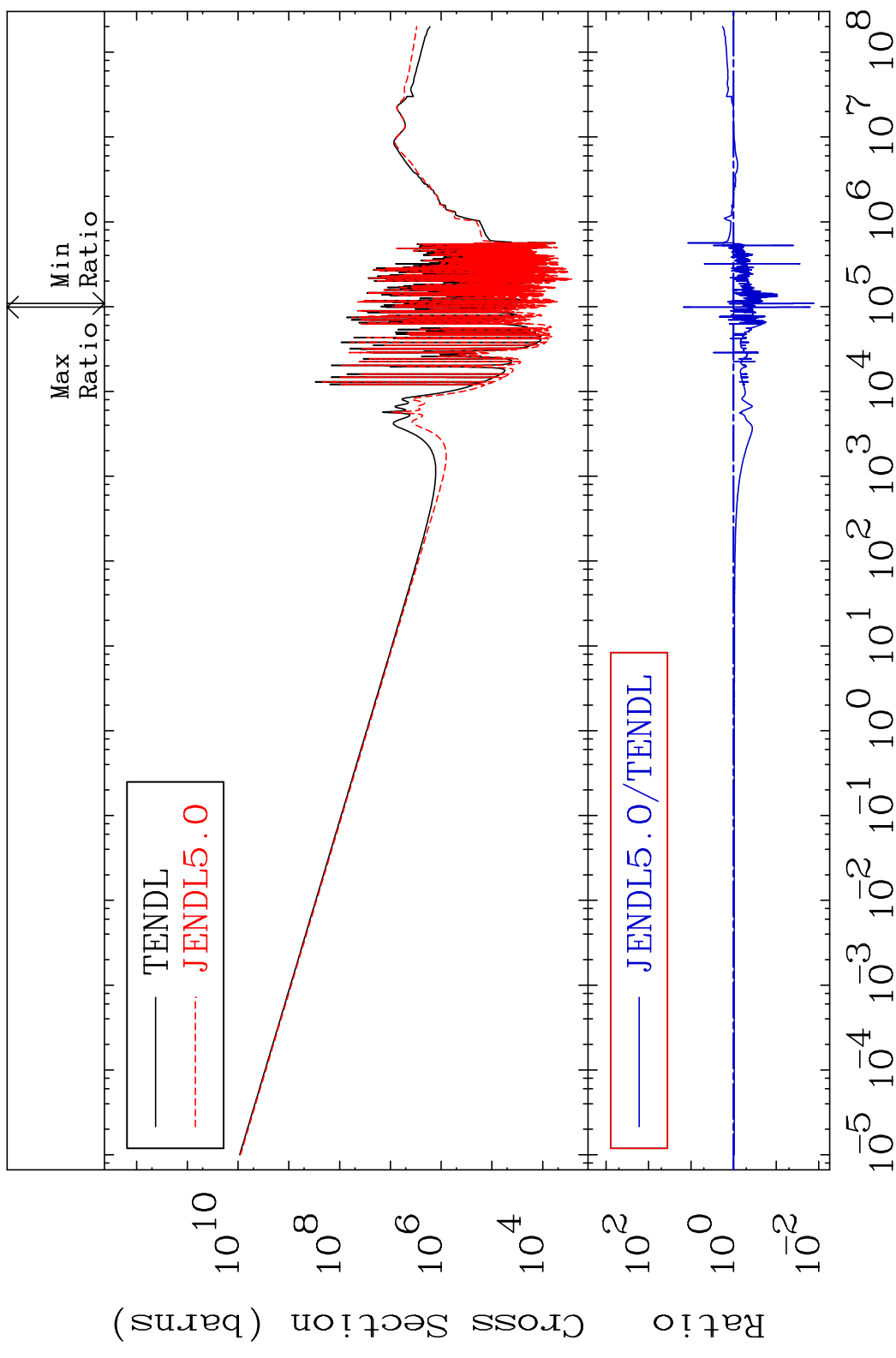


MAT 2434 Kerma capture (mt102) 24-Cr-53
 Cross Section -100.0 To 2869. %



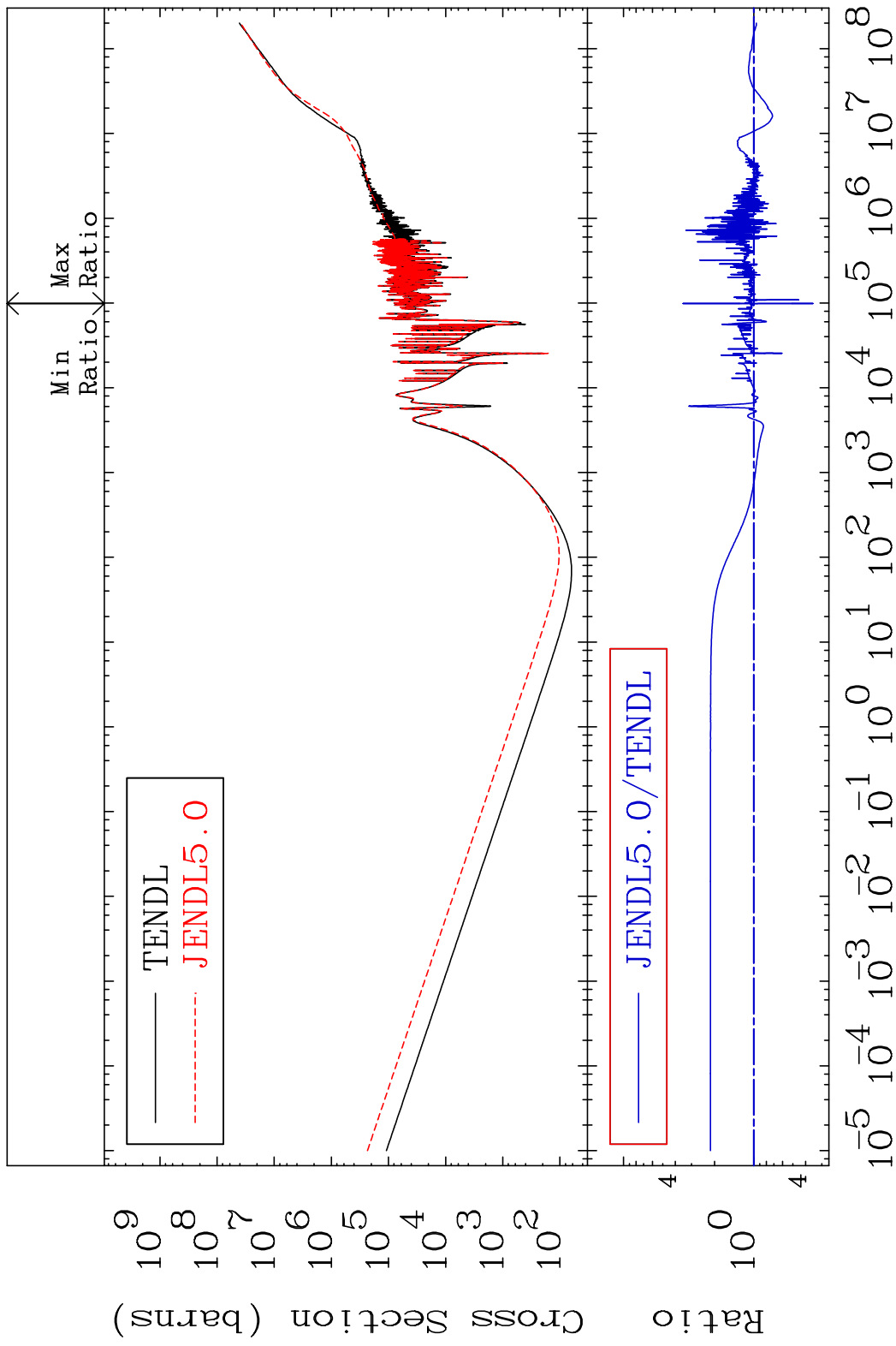
53 Incident Energy (eV) 24-Cr-53

MAT 2434 Total photon (eV-barns) 24-Cr-53
 Cross Section -98.71 To 1414. %

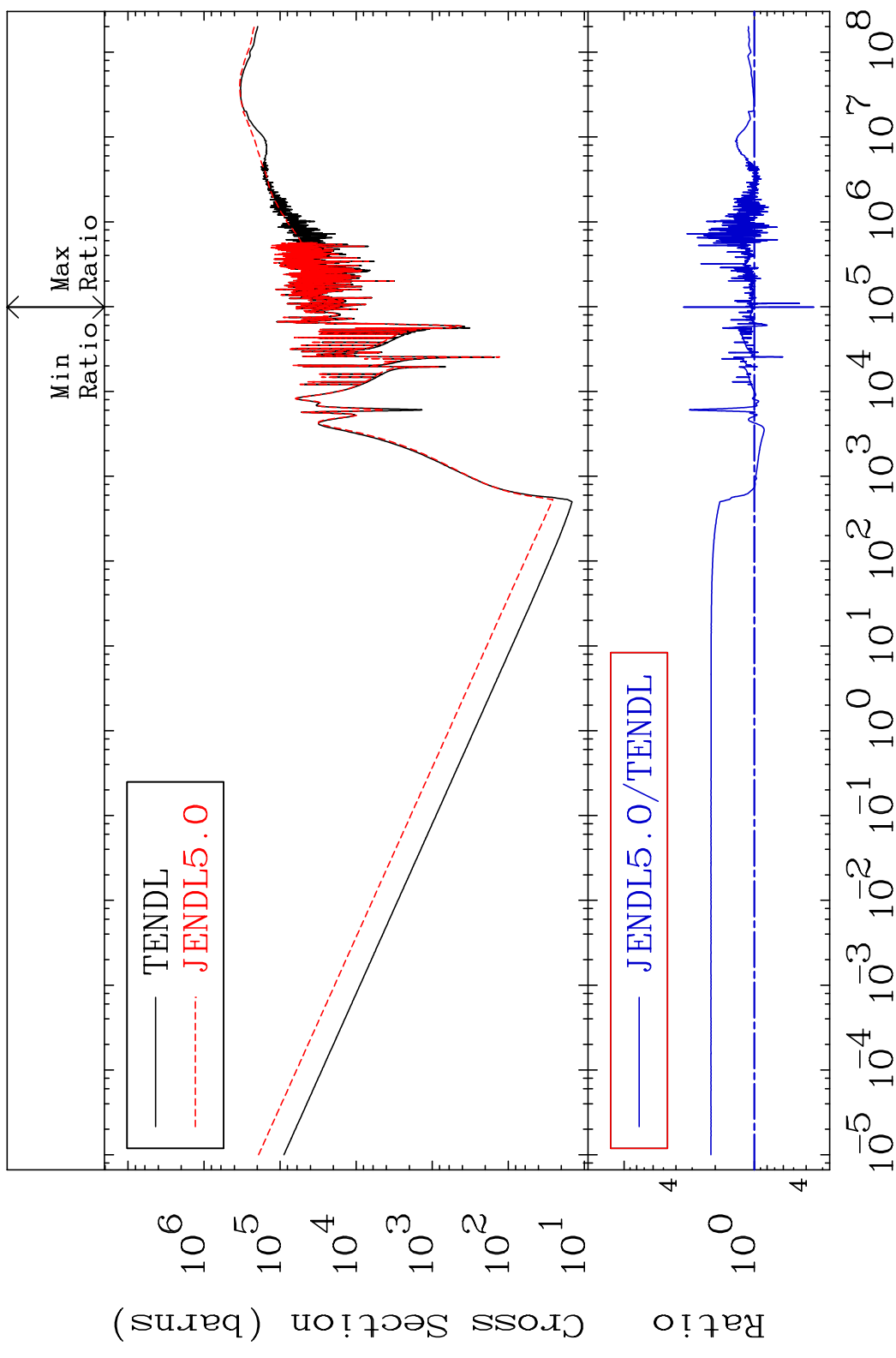


54 Incident Energy (eV) 24-Cr-53

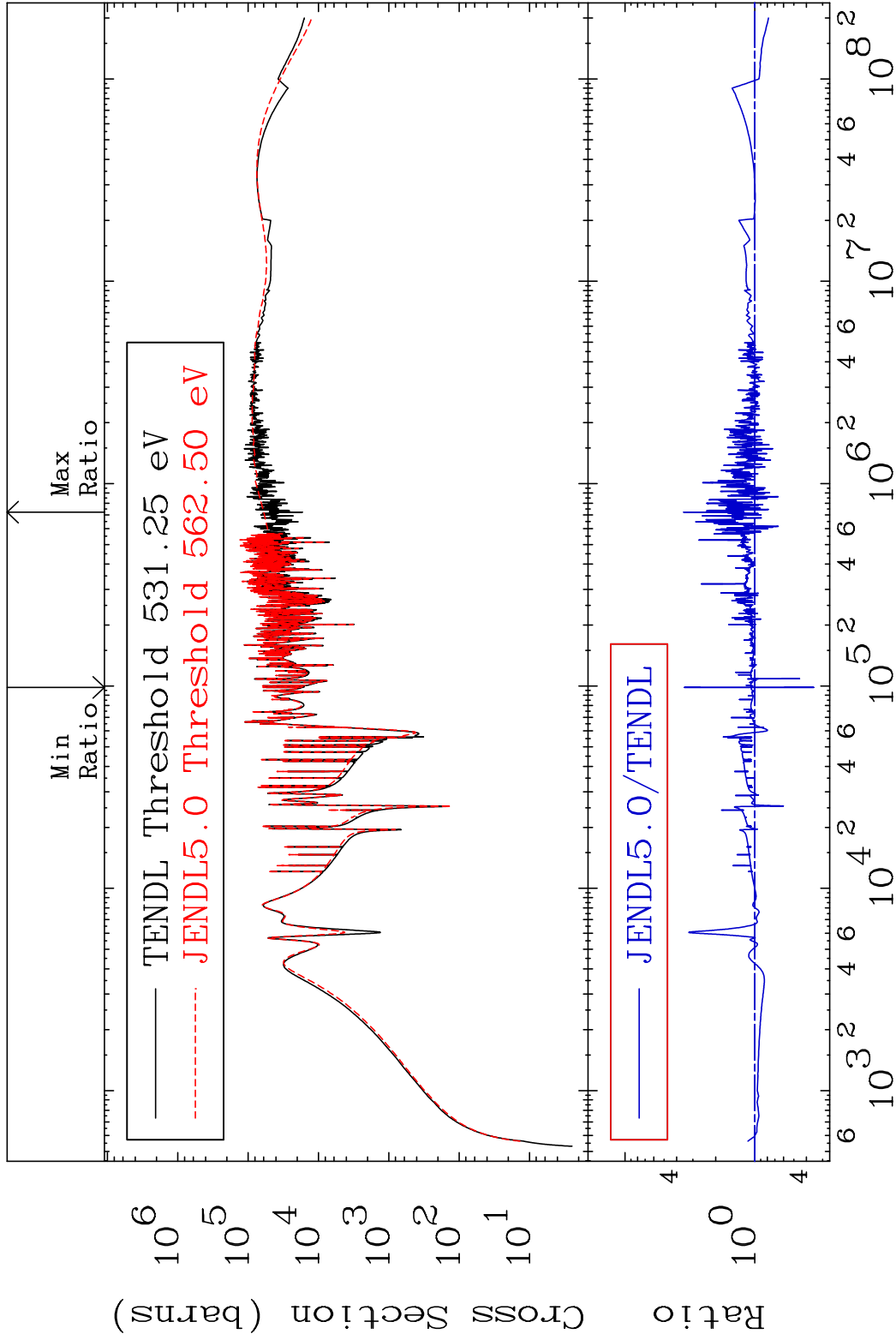
MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
Cross Section -65.02 To 250.4 %



MAT 2434 Dpa total (eV-barns) 24-Cr-53
 Cross Section -65.03 To 250.4 %

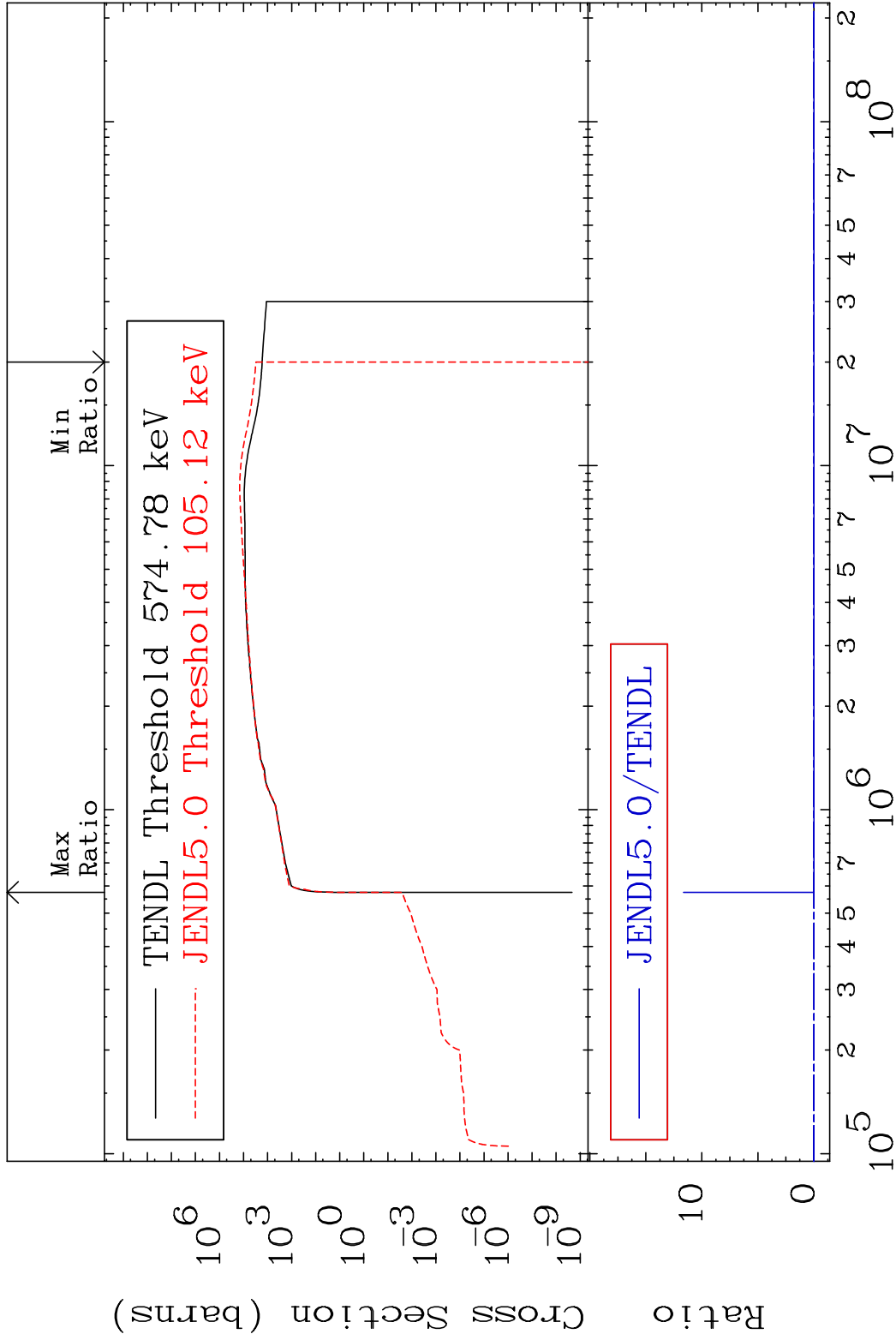


MAT 2434 Dpa elastic (mt2) 24-Cr-53
 Cross Section -64.97 To 254.1 %



57 Incident Energy (eV) 24-Cr-53

MAT 2434 Dpa inelastic (mt51-91) 24-Cr-53
 Cross Section -100.0 To 9999. %



58 Incident Energy (eV) 24-Cr-53

