

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

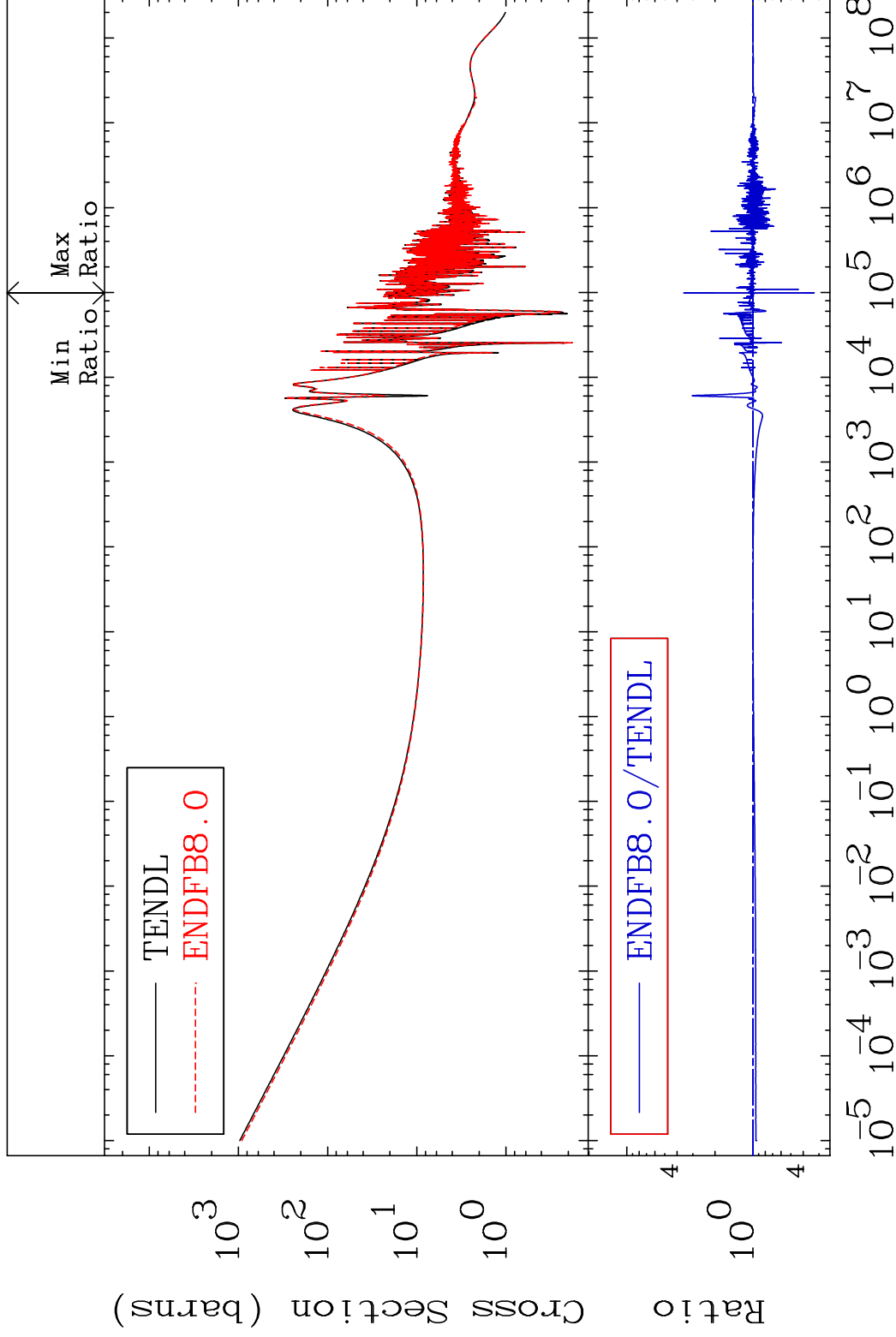
MAT 2434

Total

24-Cr-53

Cross Section

-67.25 To 254.4 %



1

Incident Energy (eV)

24-Cr-53

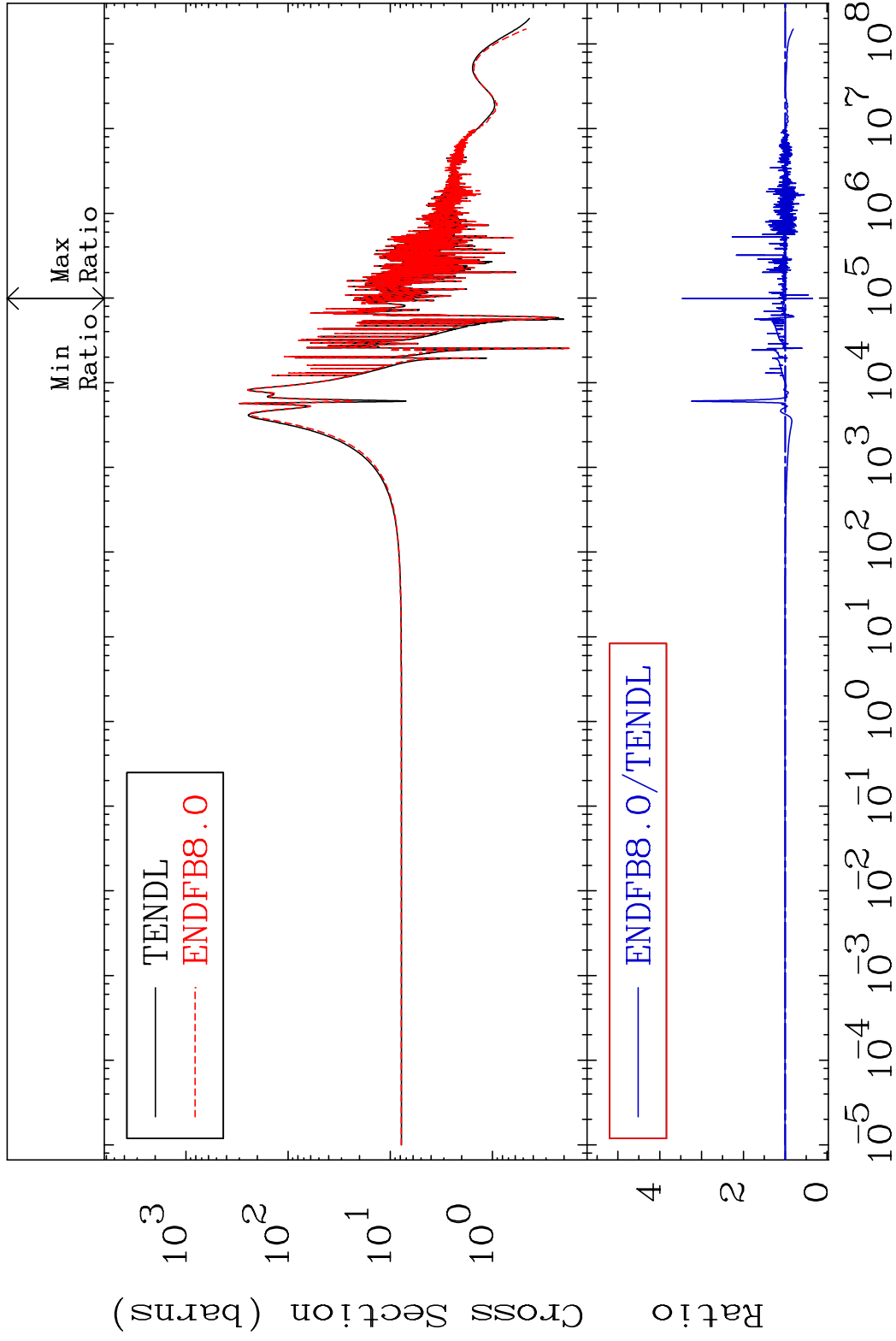
MAT 2434

Elastic

24-Cr-53

Cross Section

-65.35 To 246.0 %



2

Incident Energy (eV)

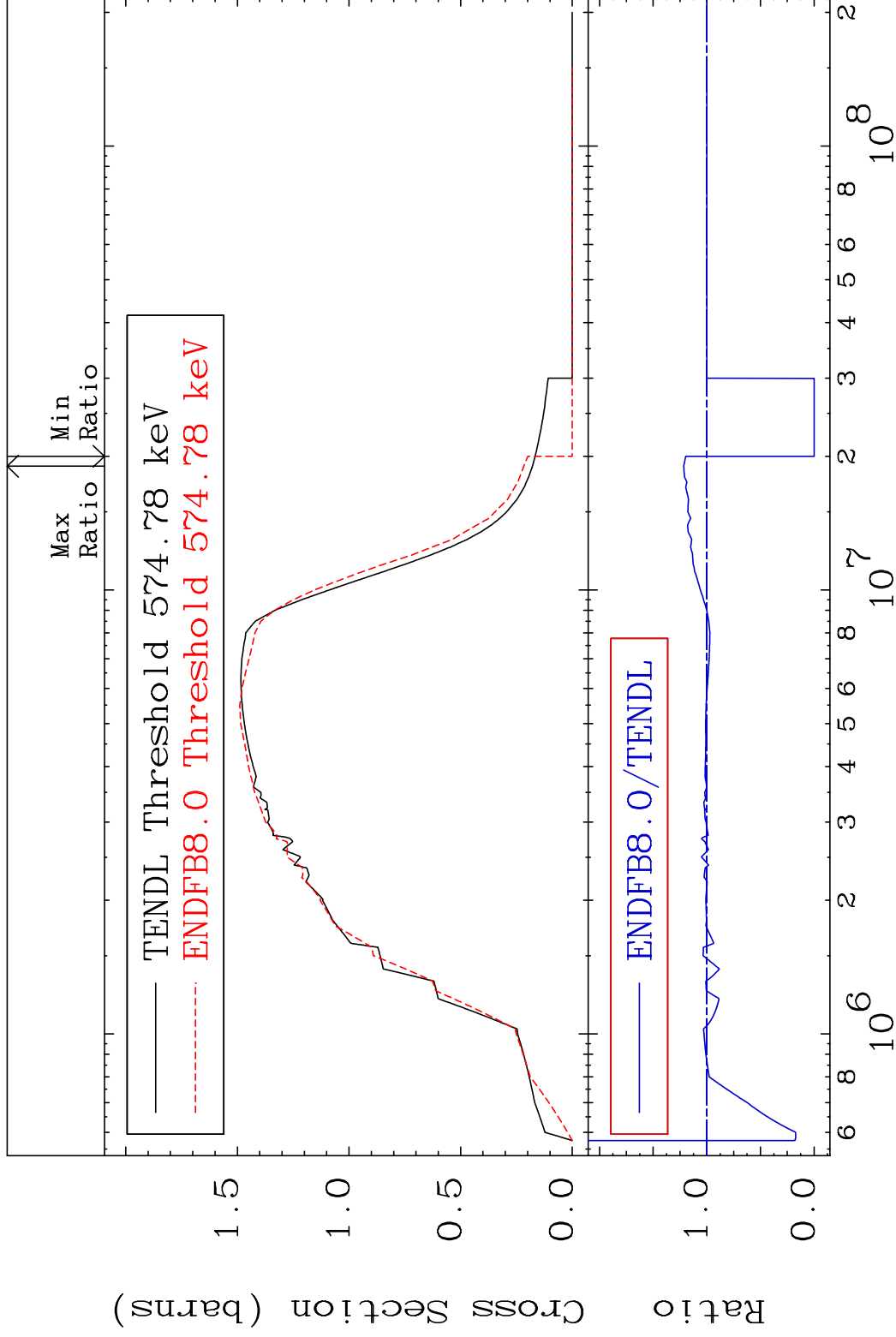
24-Cr-53

MAT 2434

Inelastic

²⁴Cr-53

Cross Section -100.0 To 21.60 %

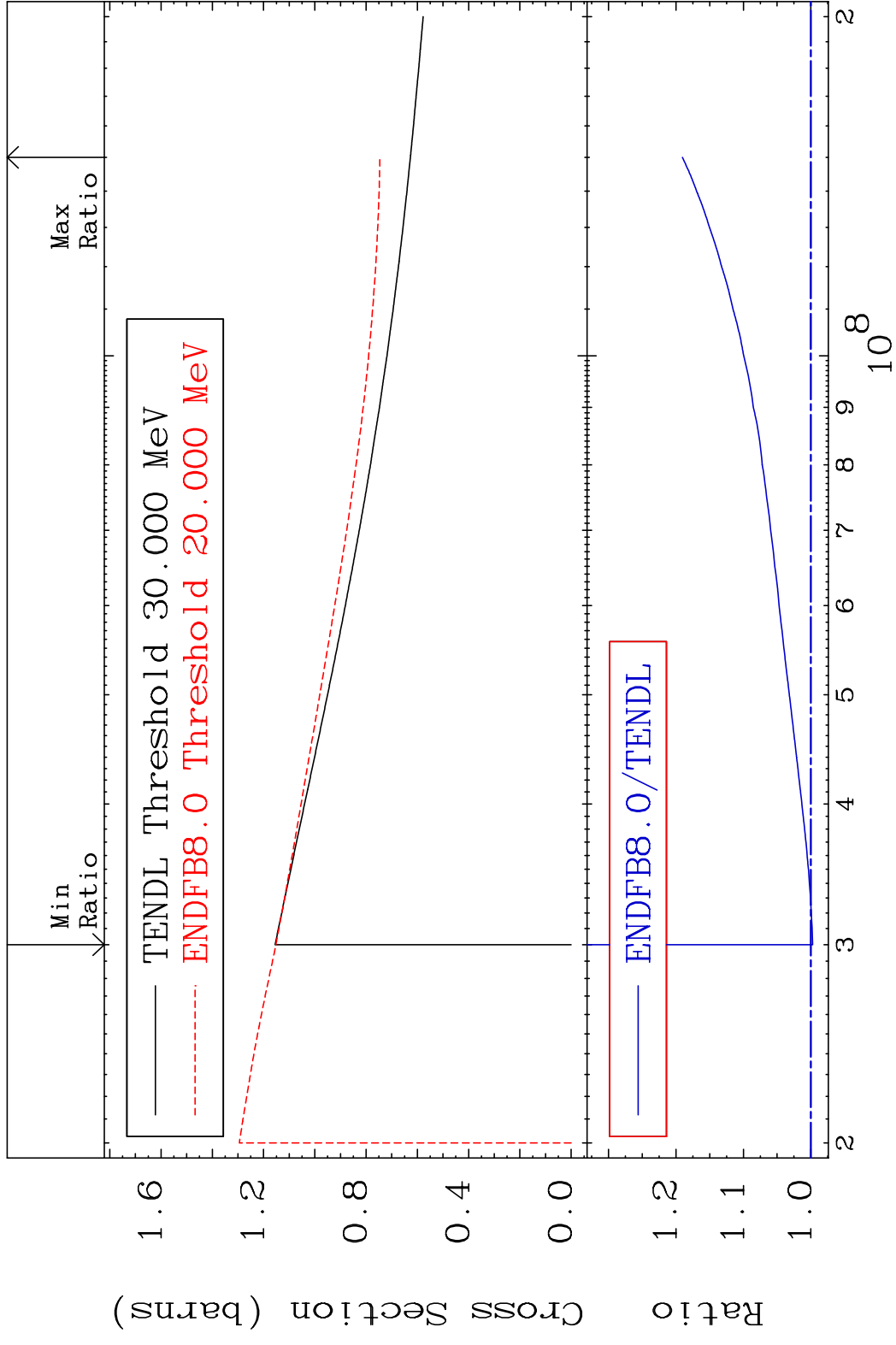


3

Incident Energy (eV)

²⁴Cr-53

MAT 2434 (n, remainder) 24-Cr-53
 Cross Section -0.248 To 19.05 %



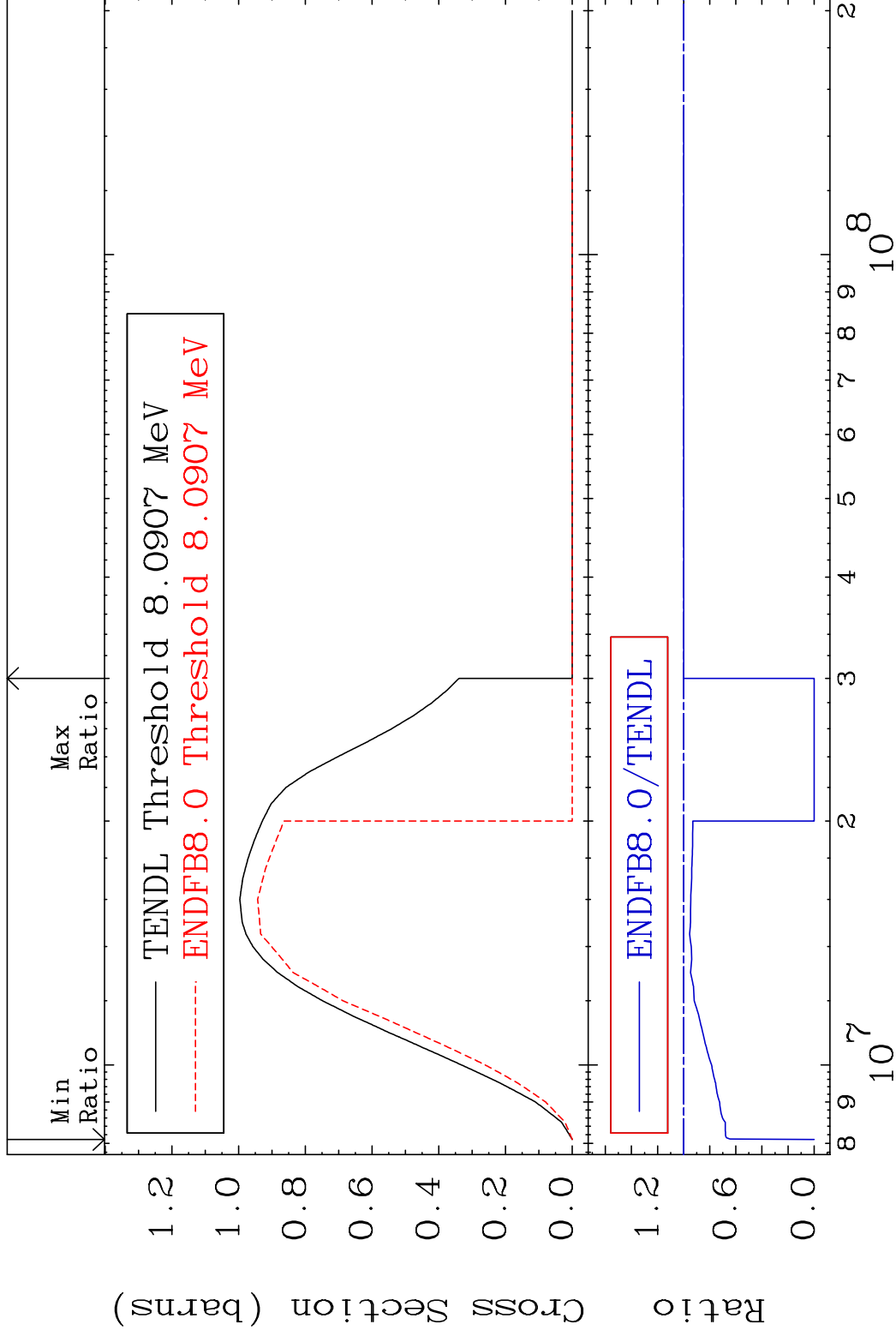
4 Incident Energy (eV) 24-Cr-53

MAT 2434

(n,2n)

²⁴Cr-53

Cross Section -100.0 To 0.000 %



5

Incident Energy (eV)

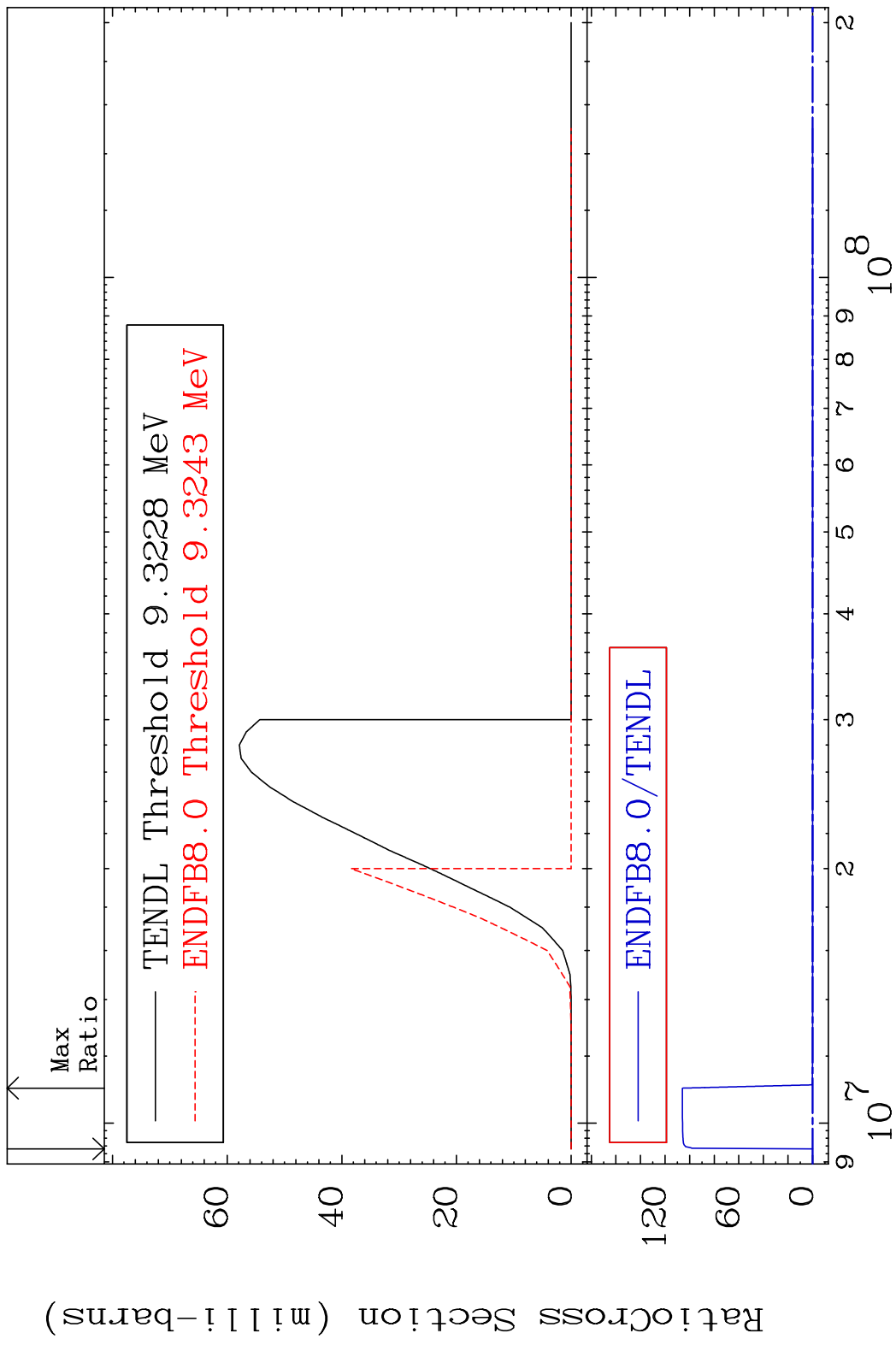
²⁴Cr-53

MAT 2434

(n, n') α

24-Cr-53

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

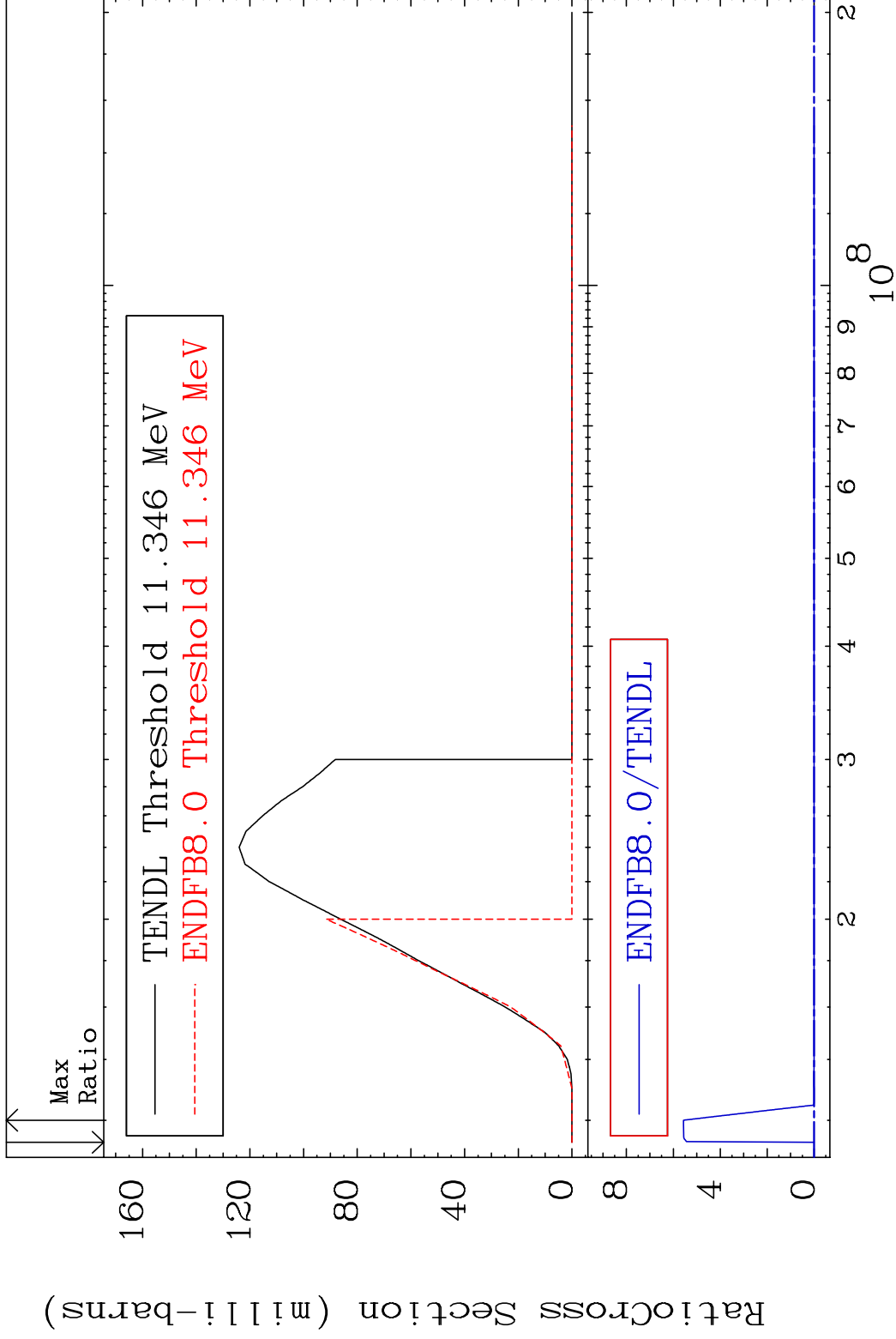
24-Cr-53

MAT 2434

(n, n') p

²⁴Cr-53

Cross Section -100.0 To 9999. %

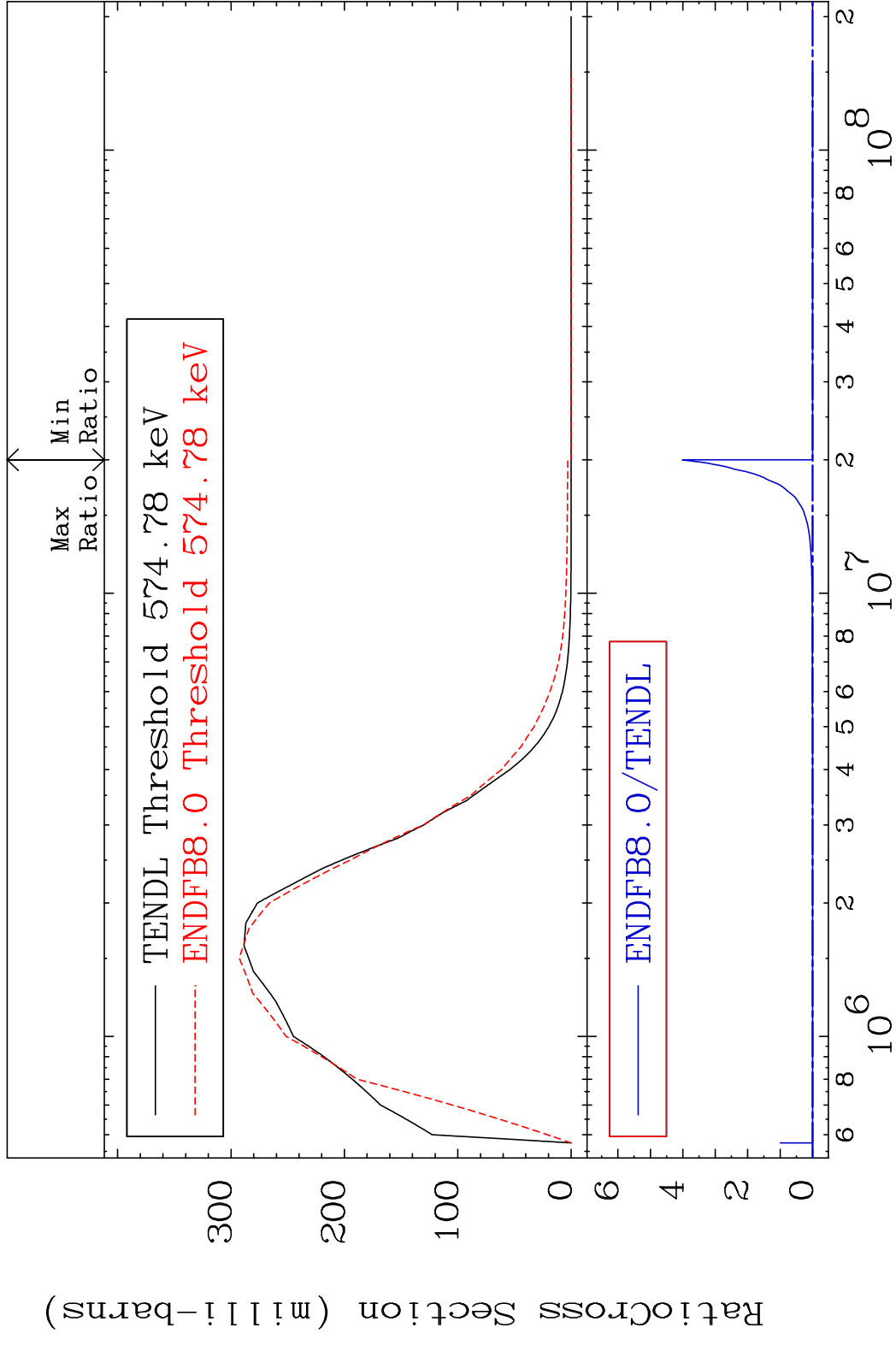


7

Incident Energy (eV)

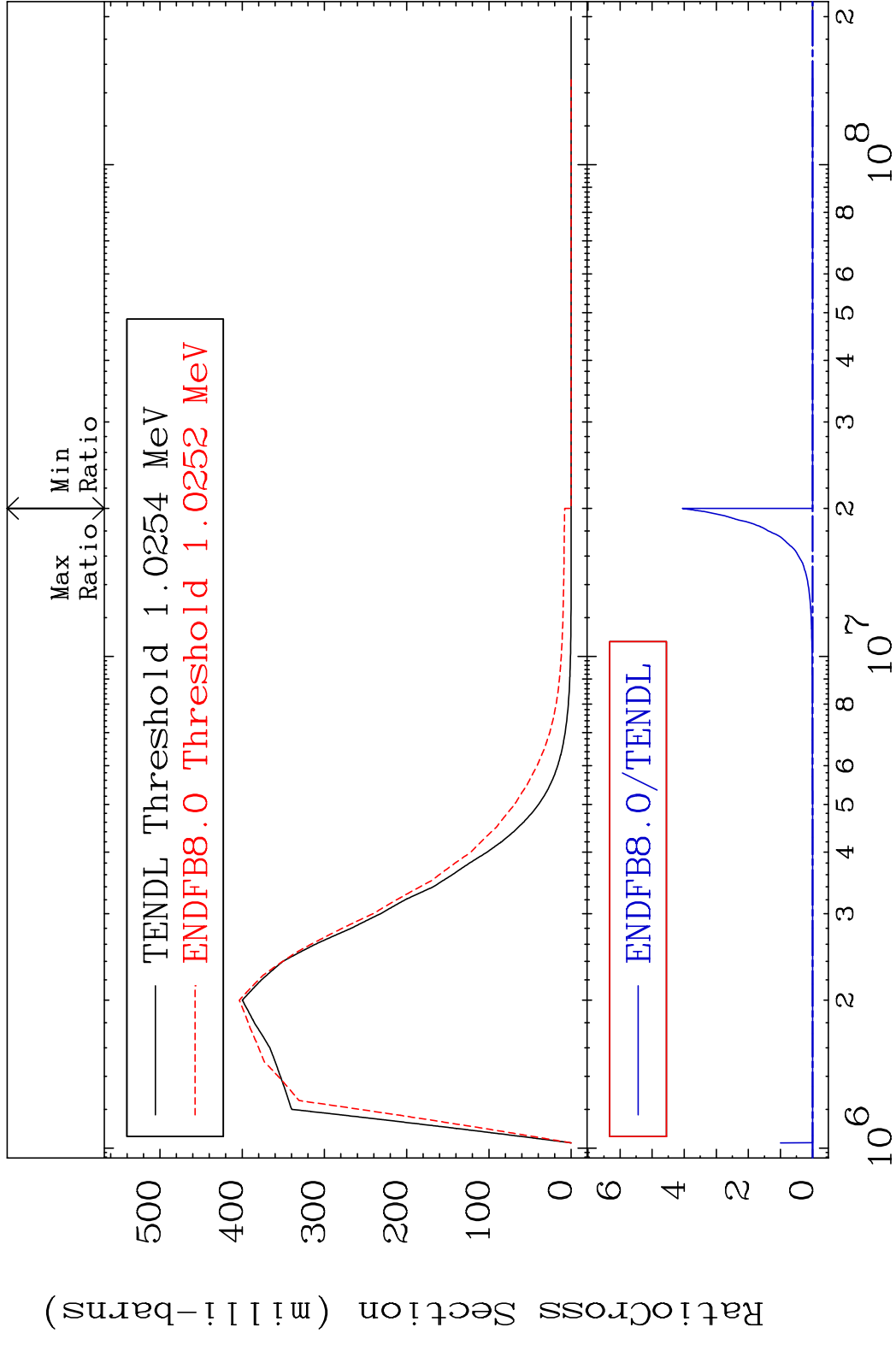
²⁴Cr-53

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



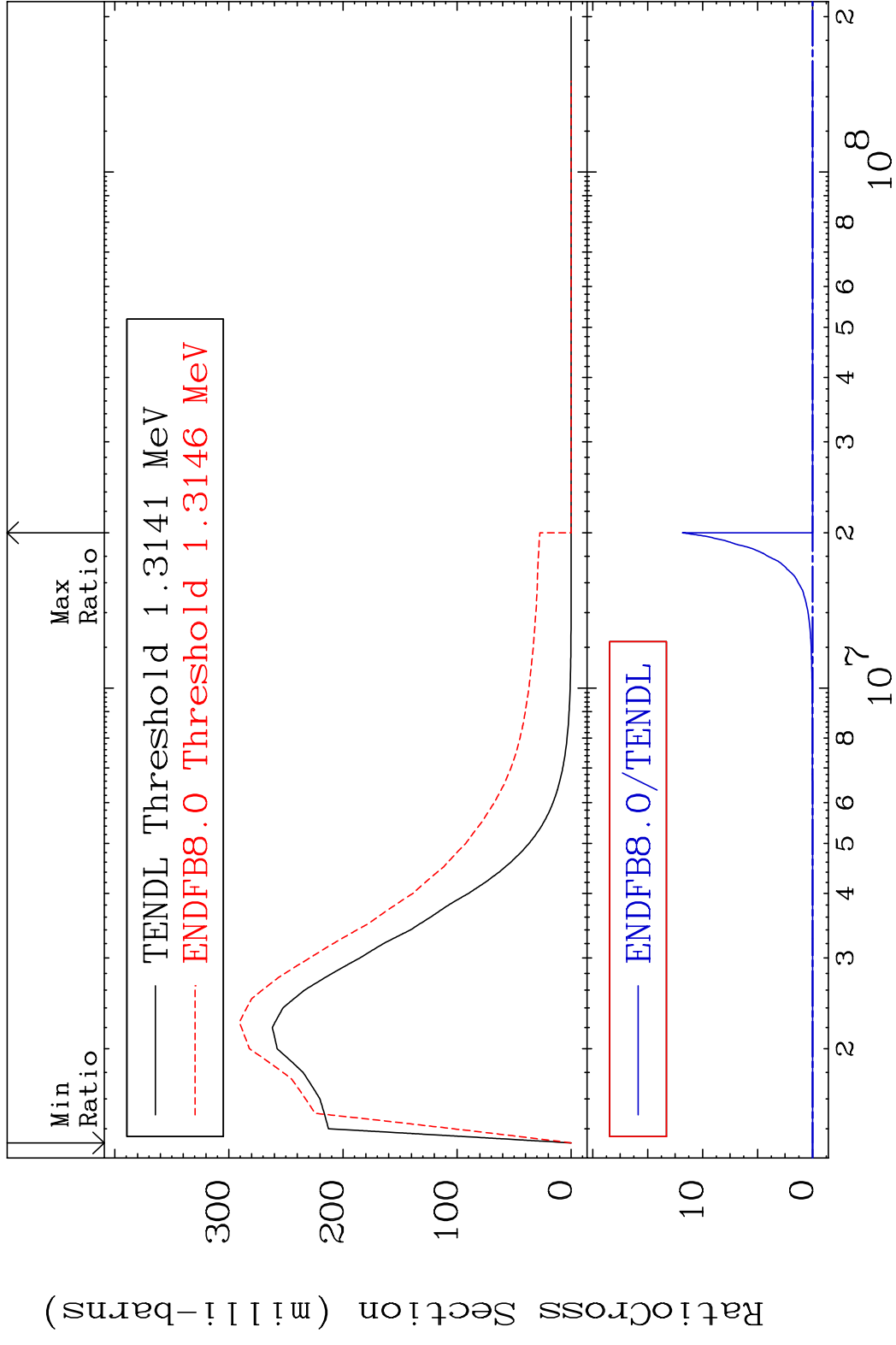
8 Incident Energy (eV) 24-Cr-53

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



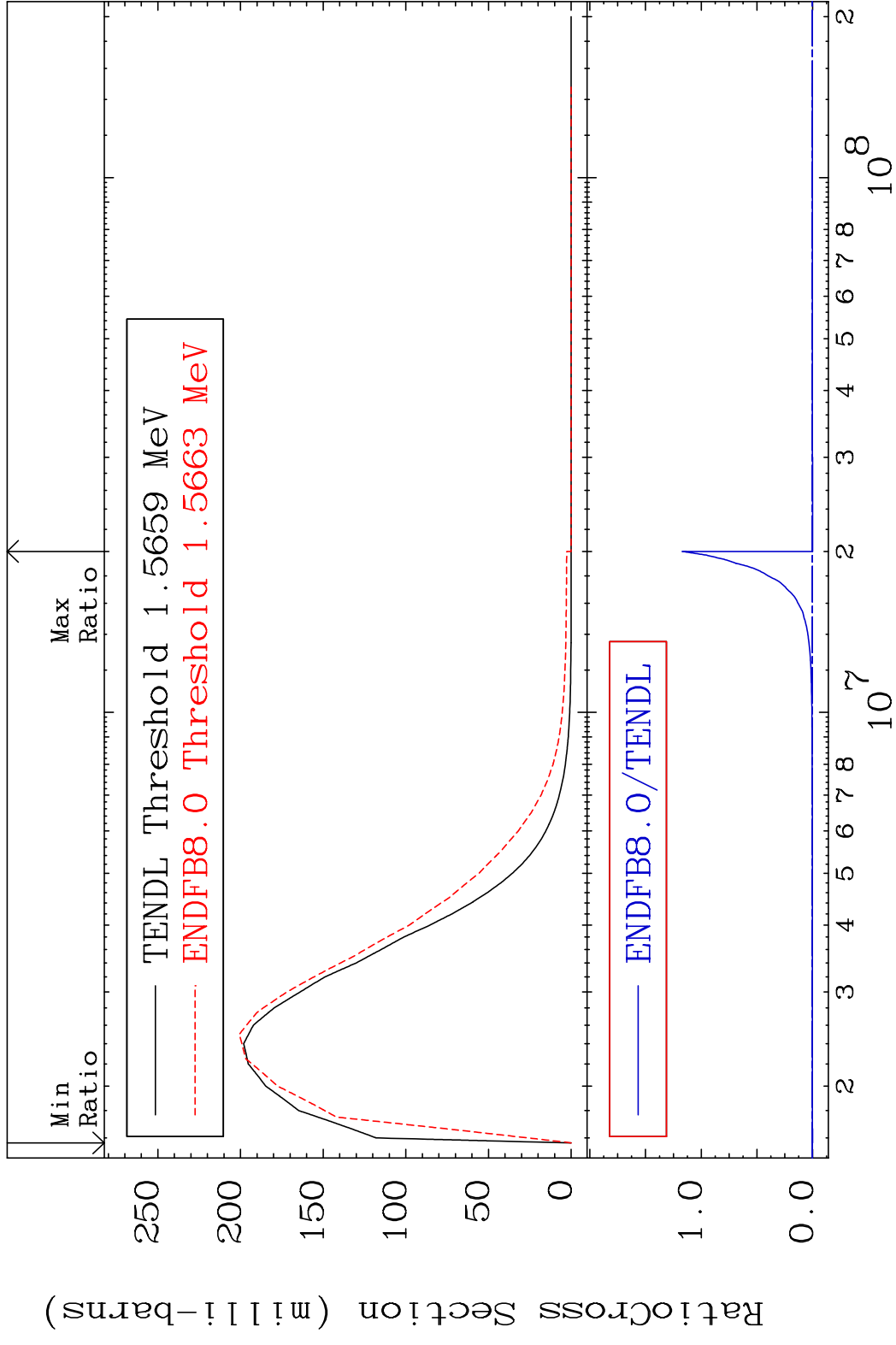
9 Incident Energy (eV) 24-Cr-53

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

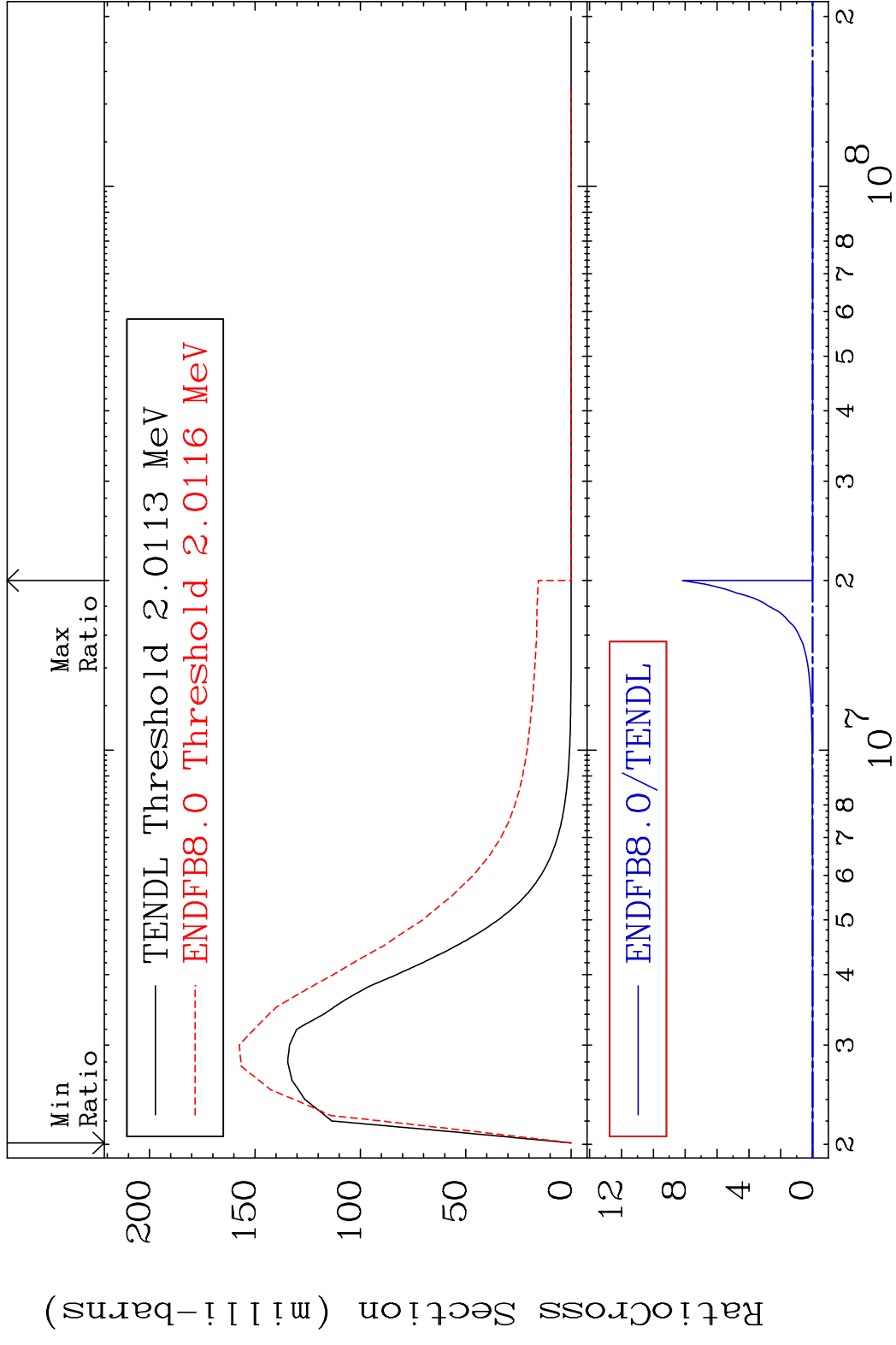


10 2 3 4 5 6 8 10⁷ 10⁸ 2 24-Cr-53

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

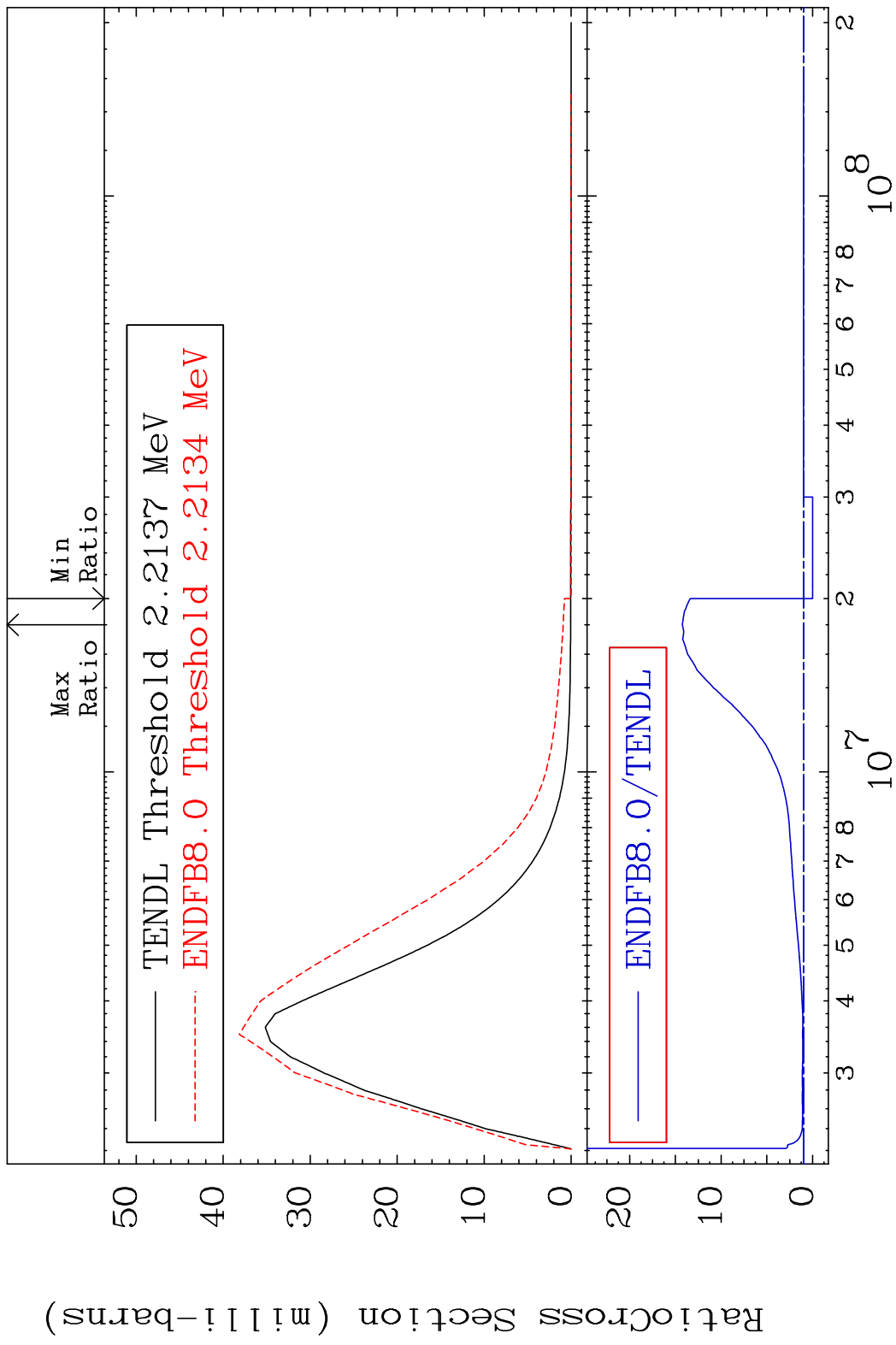


MAT 2434 MT= 55 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %

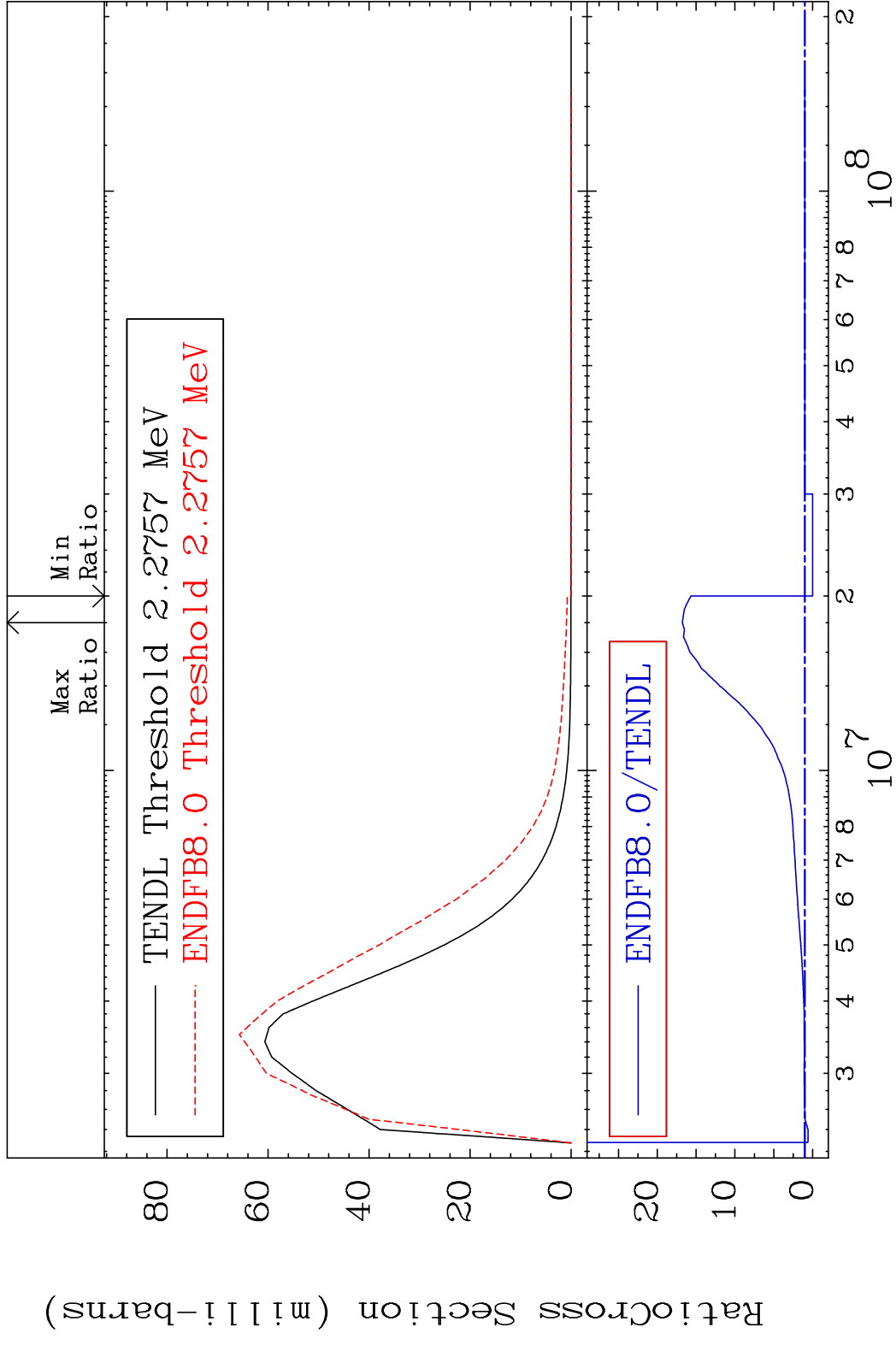


12 24-Cr-53

MAT 2434 MT= 56 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1324. %

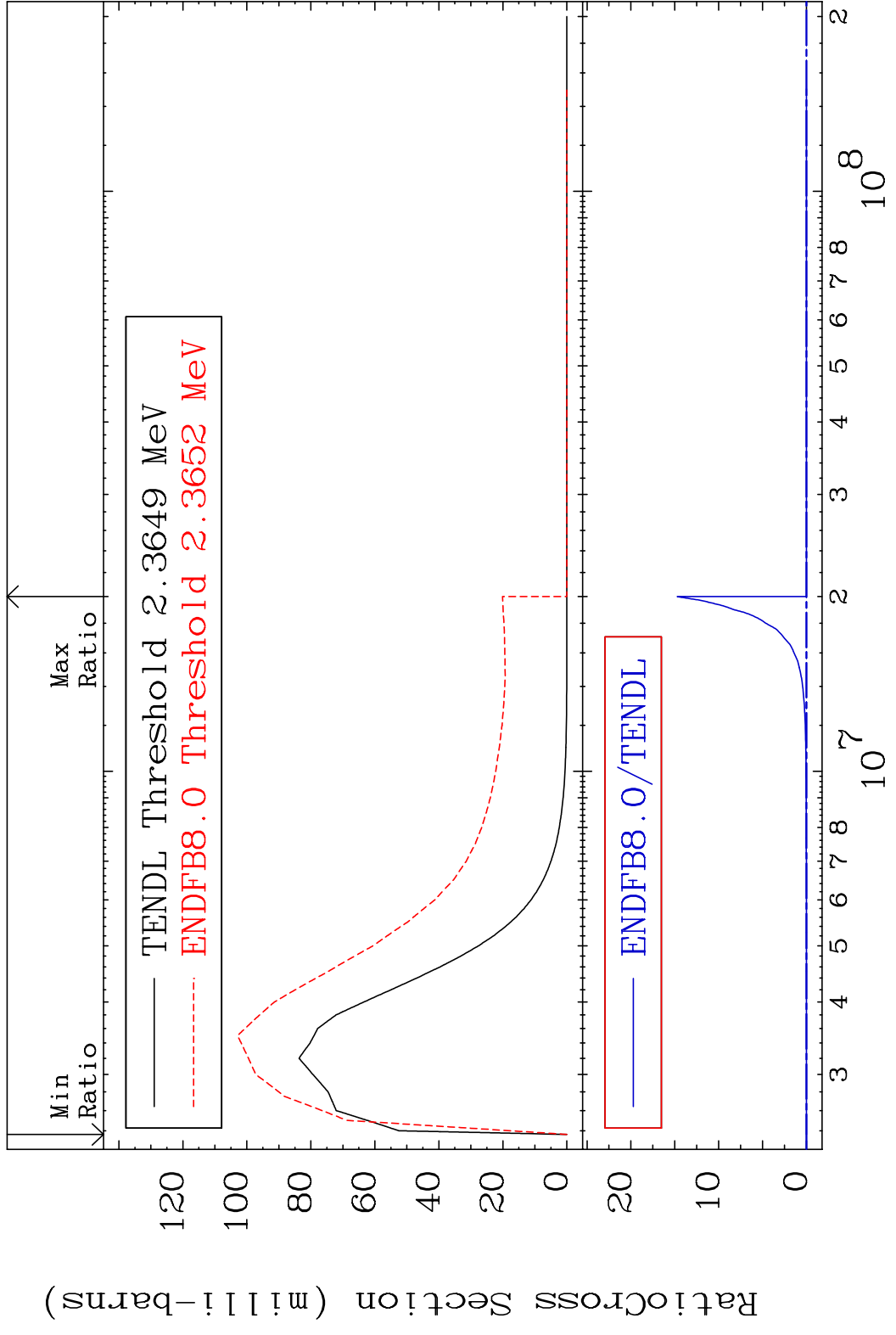


MAT 2434 MT= 57 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1578. %

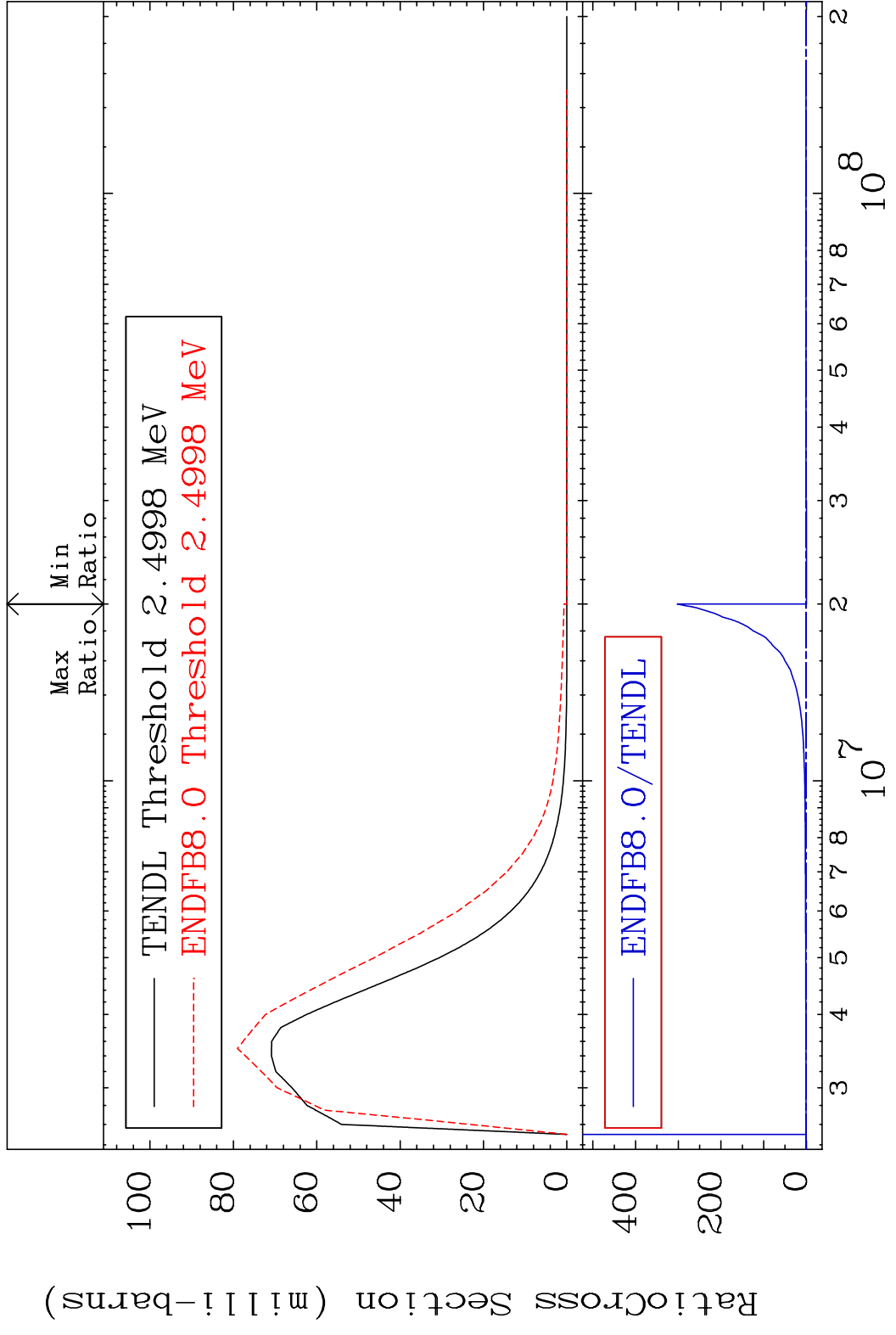


14 Incident Energy (eV) 24-Cr-53

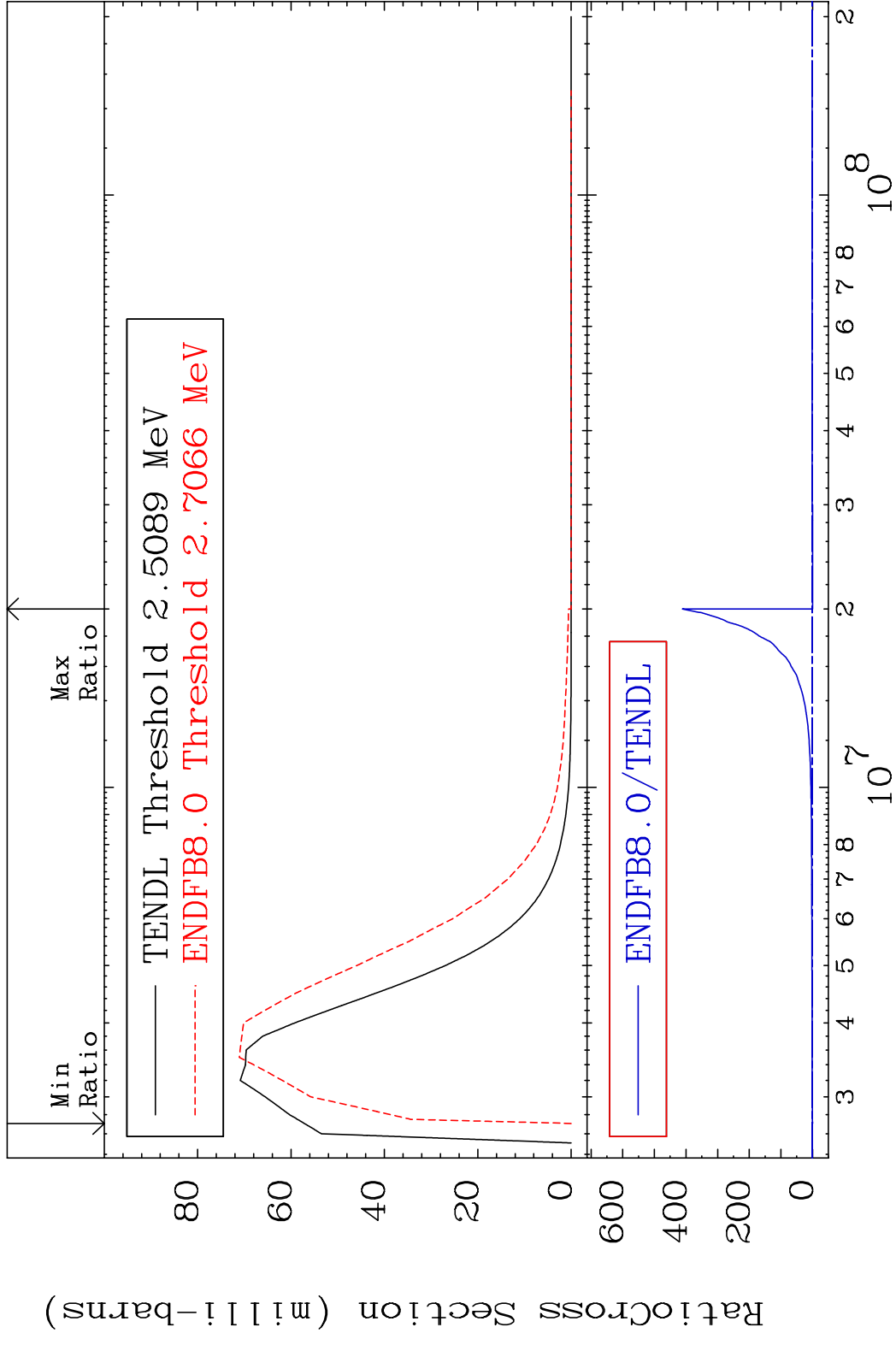
MAT 2434 MT= 58 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



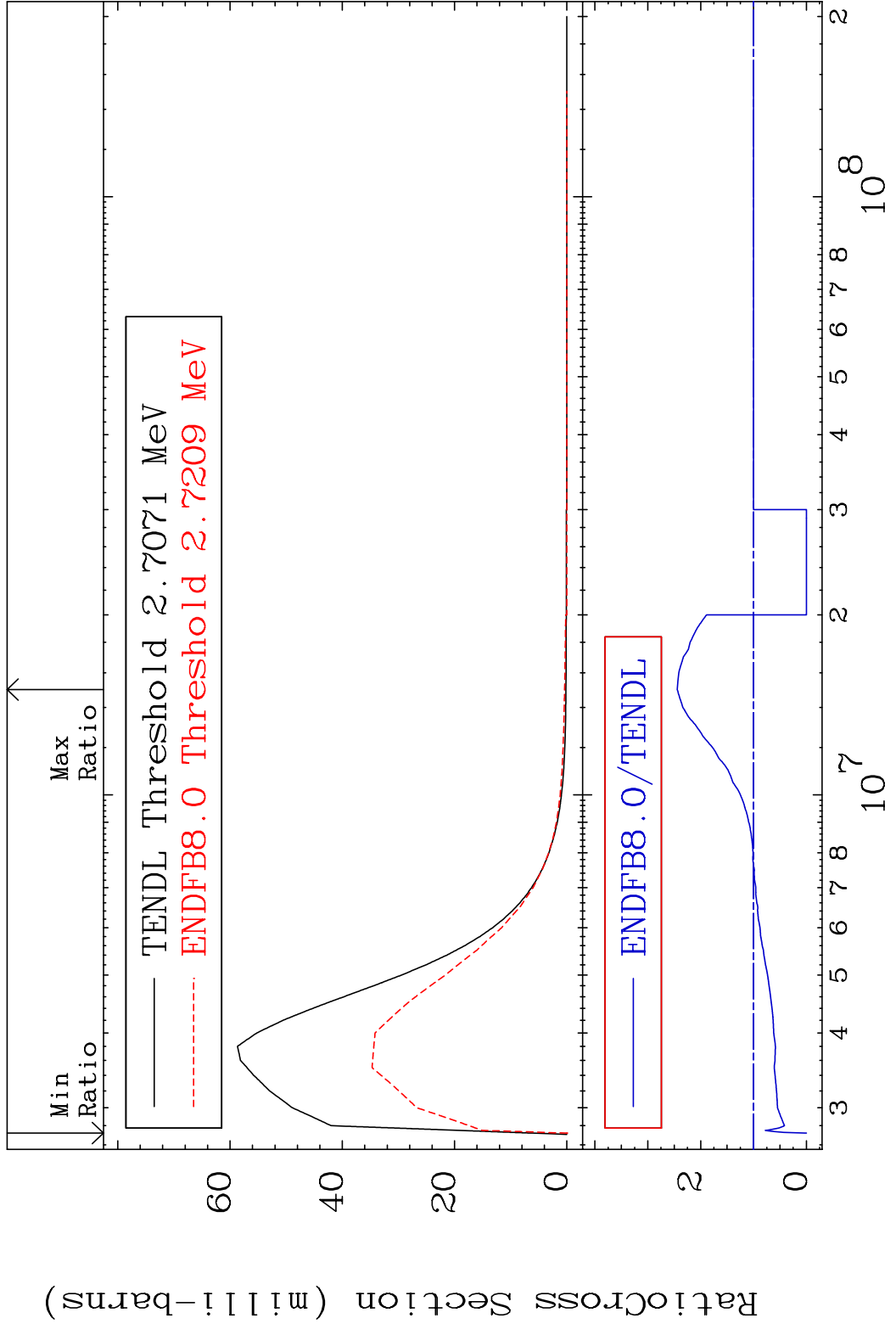
MAT 2434 MT= 59 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



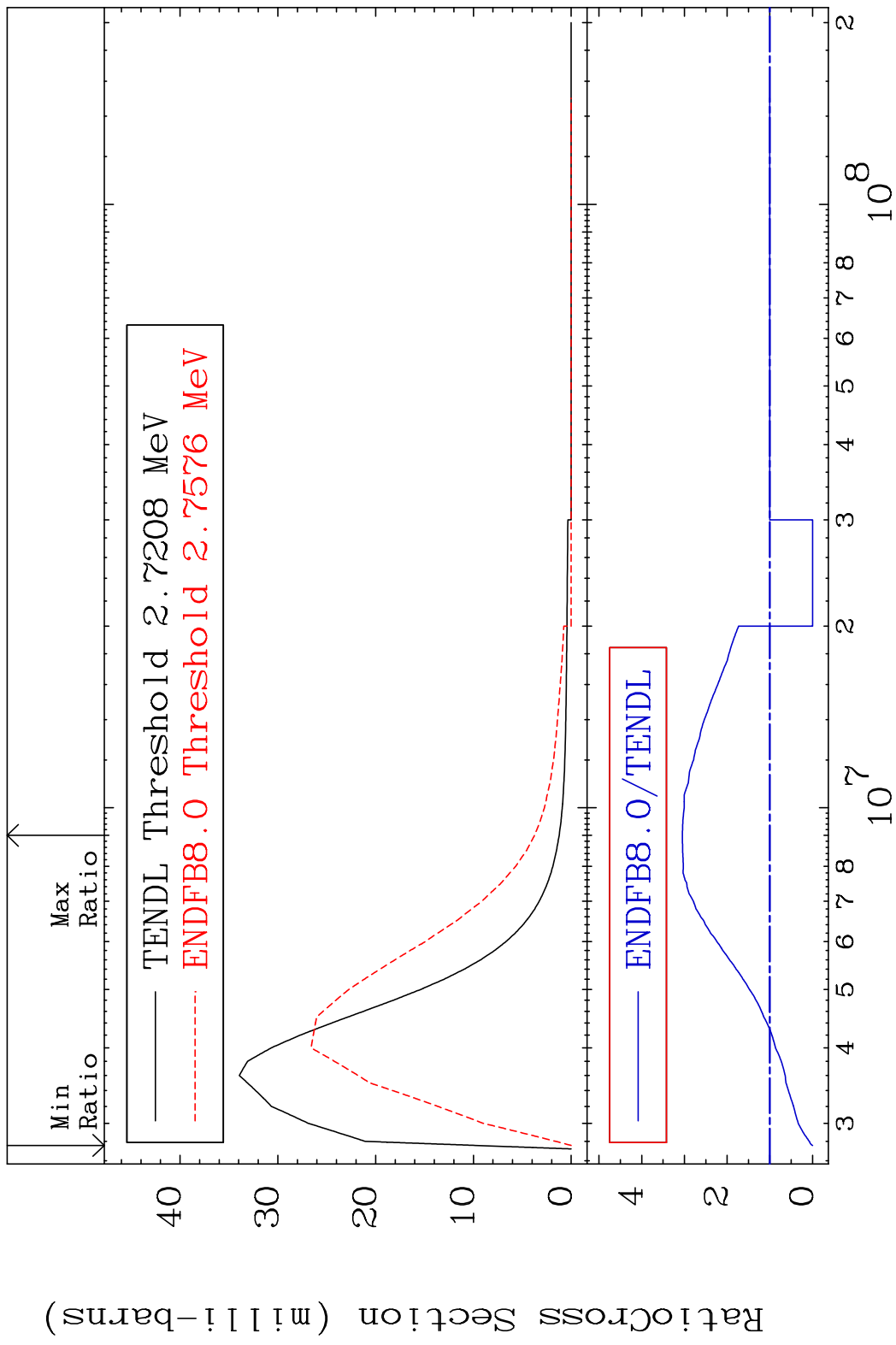
MAT 2434 MT= 60 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



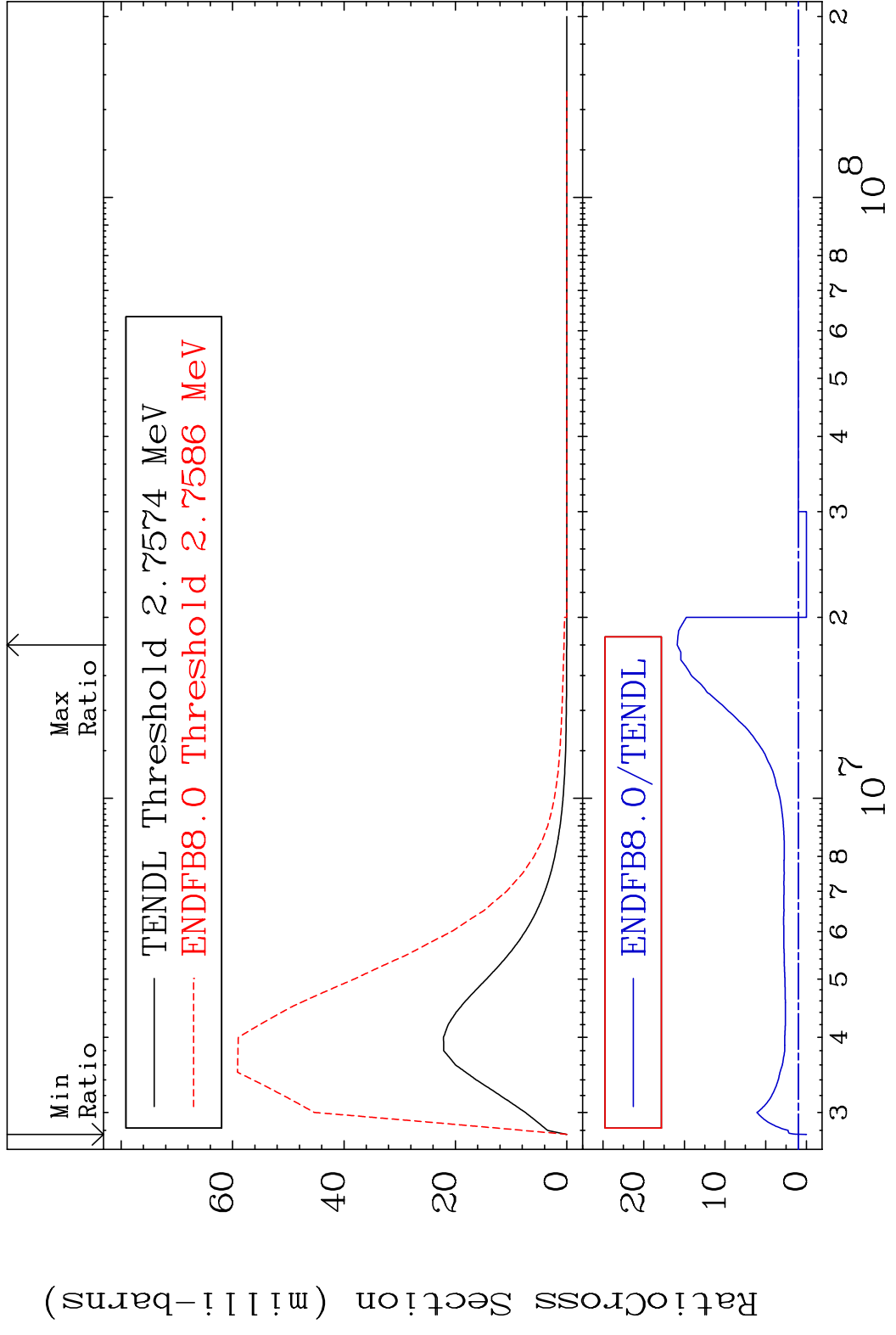
MAT 2434 MT= 61 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 144.4 %



MAT 2434 MT= 62 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 204.8 %



MAT 2434 MT= 63 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1489. %



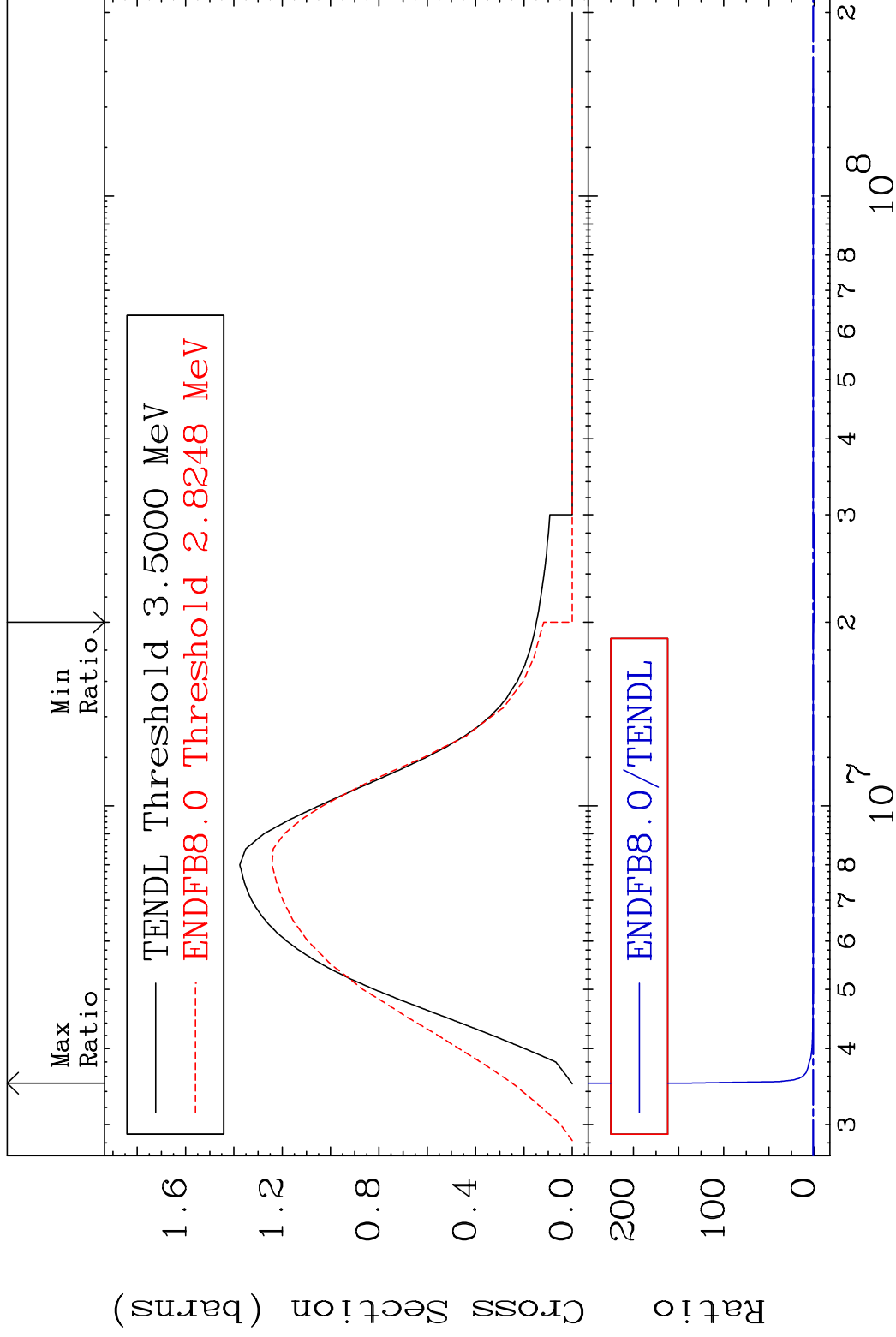
20 Incident Energy (eV) 24-Cr-53

MAT 2434

(n,n') Continuum

24-Cr-53

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

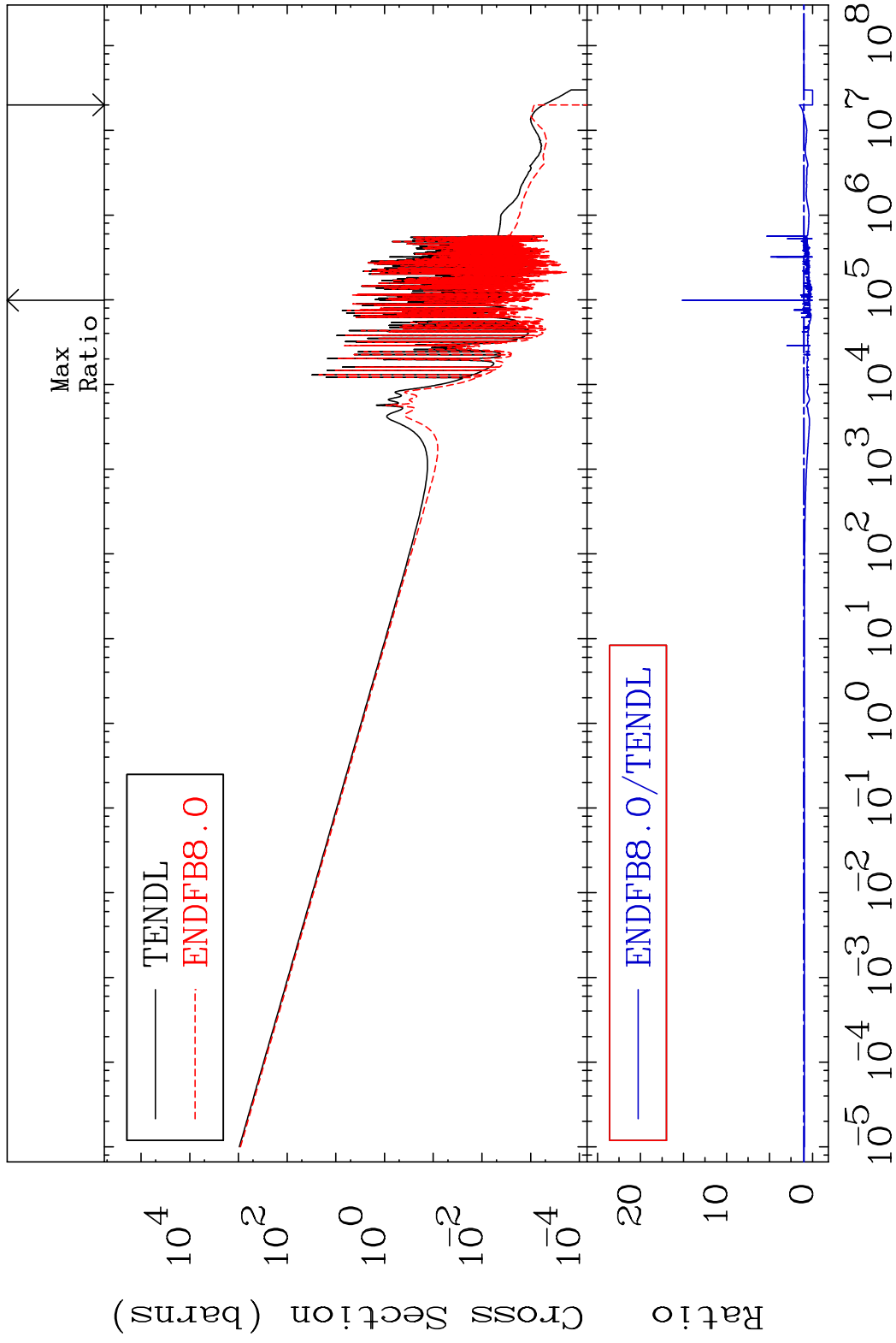
24-Cr-53

MAT 2434

(n, γ)

24-Cr-53

Cross Section -100.0 To 1414. %



22

Incident Energy (eV)

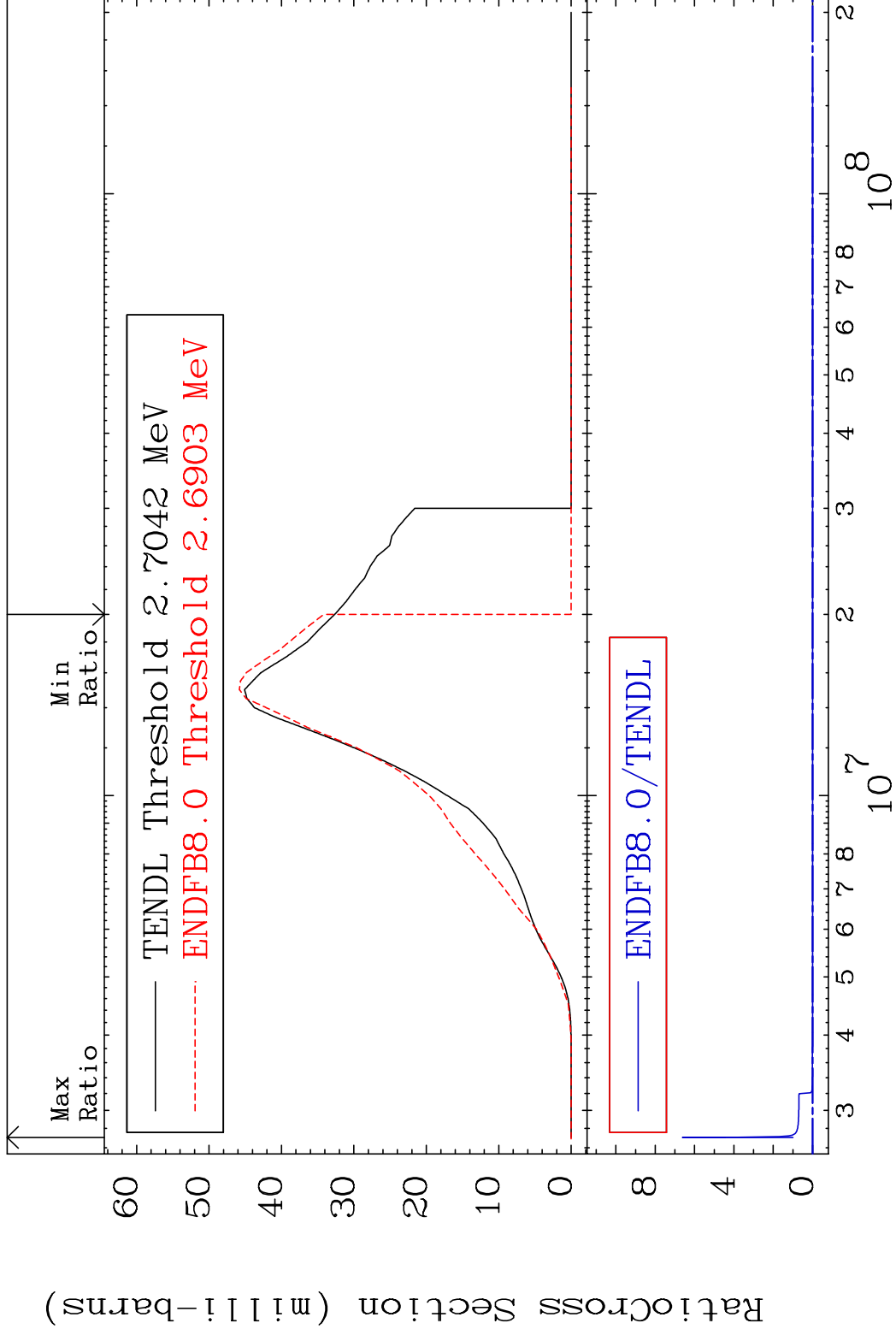
24-Cr-53

MAT 2434

(n,p)

²⁴Cr-53

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

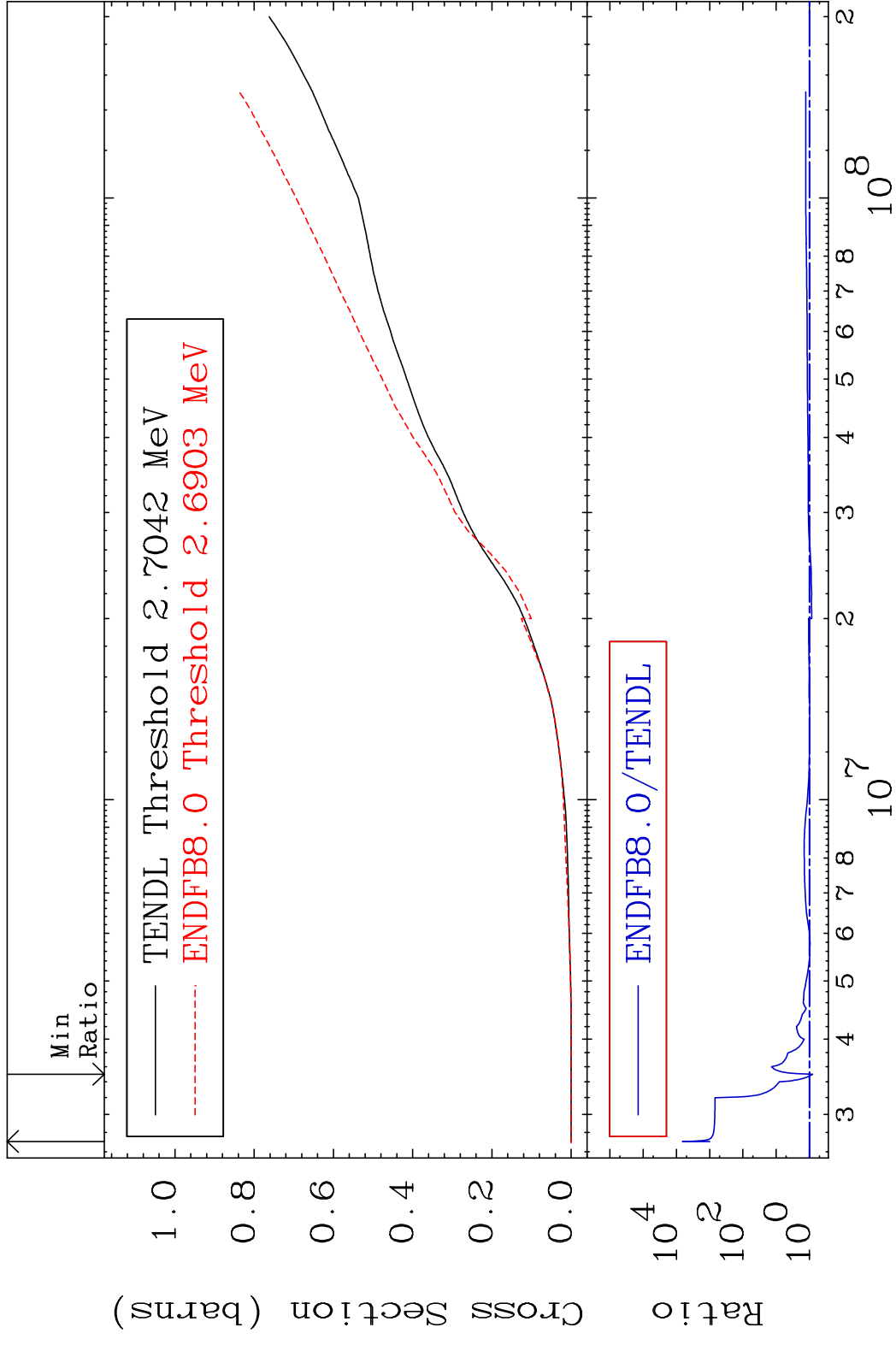
²⁴Cr-53

MAT 2434

Hydrogen Production

²⁴Cr-53

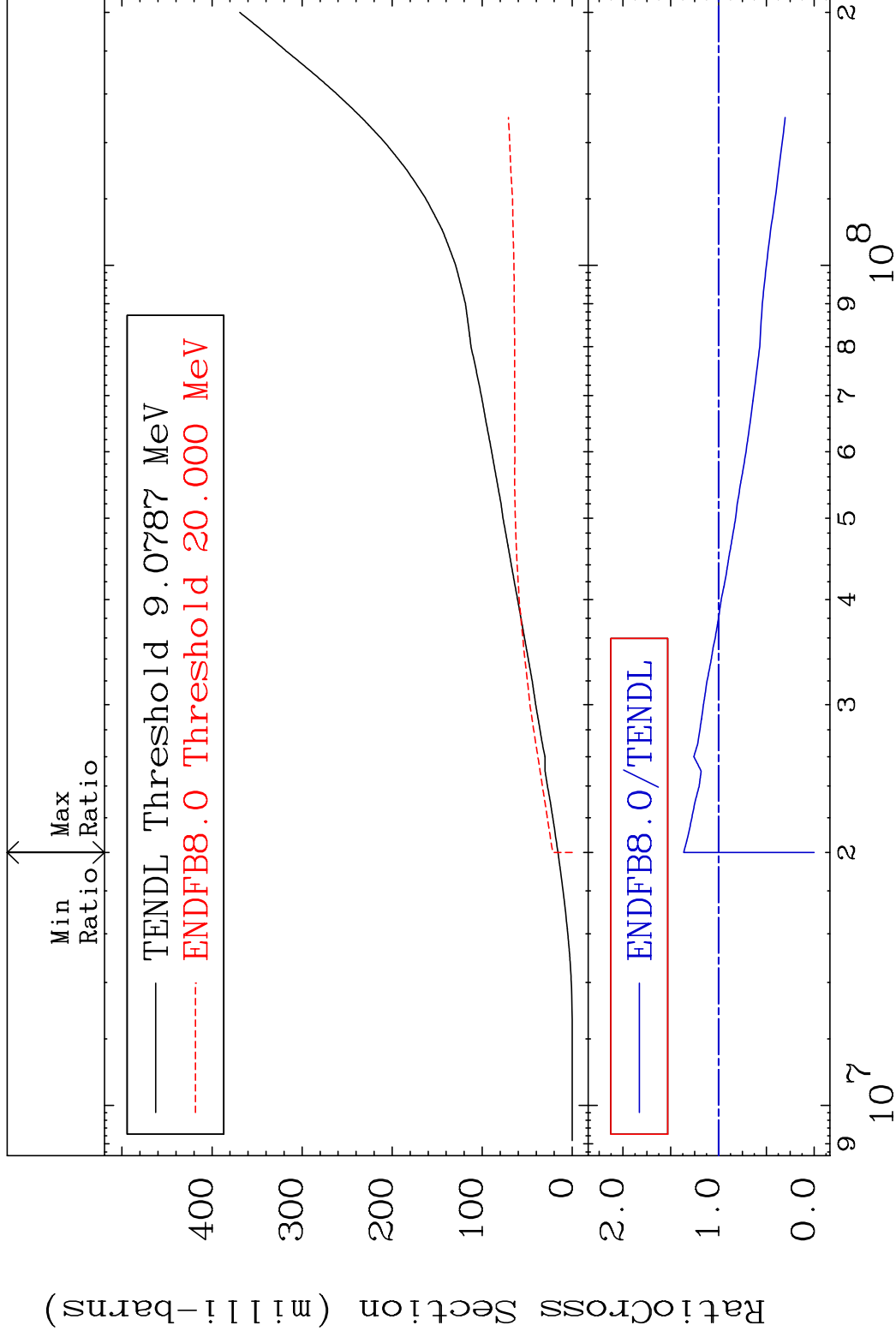
Cross Section -19.60 To 9999. %



MAT 2434

Deuterium Production 24-Cr-53

Cross Section -100.0 To 36.51 %



26

Incident Energy (eV)

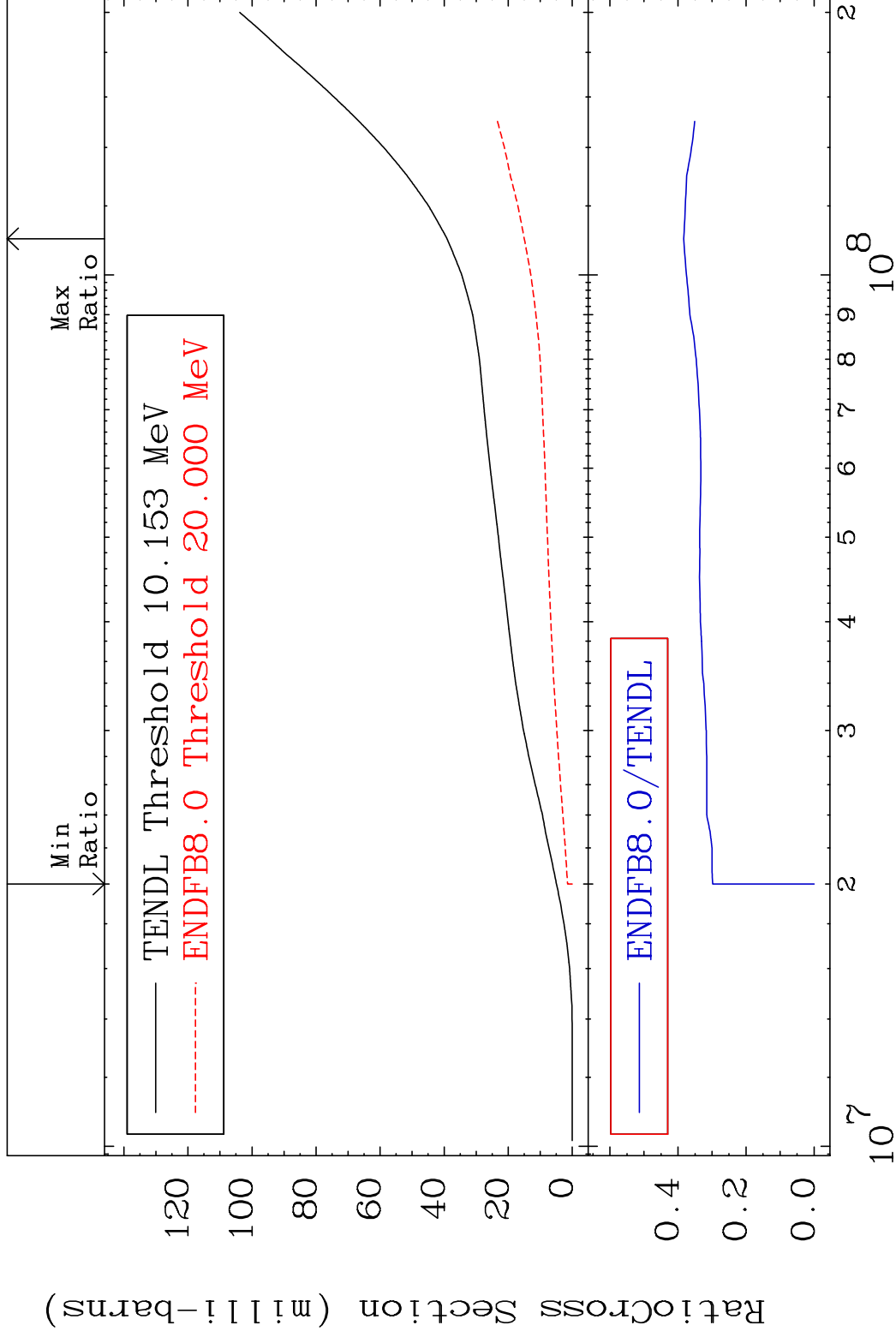
24-Cr-53

MAT 2434

Tritium Production

24-Cr-53

Cross Section -100.0 To -61.67%



27

Incident Energy (eV)

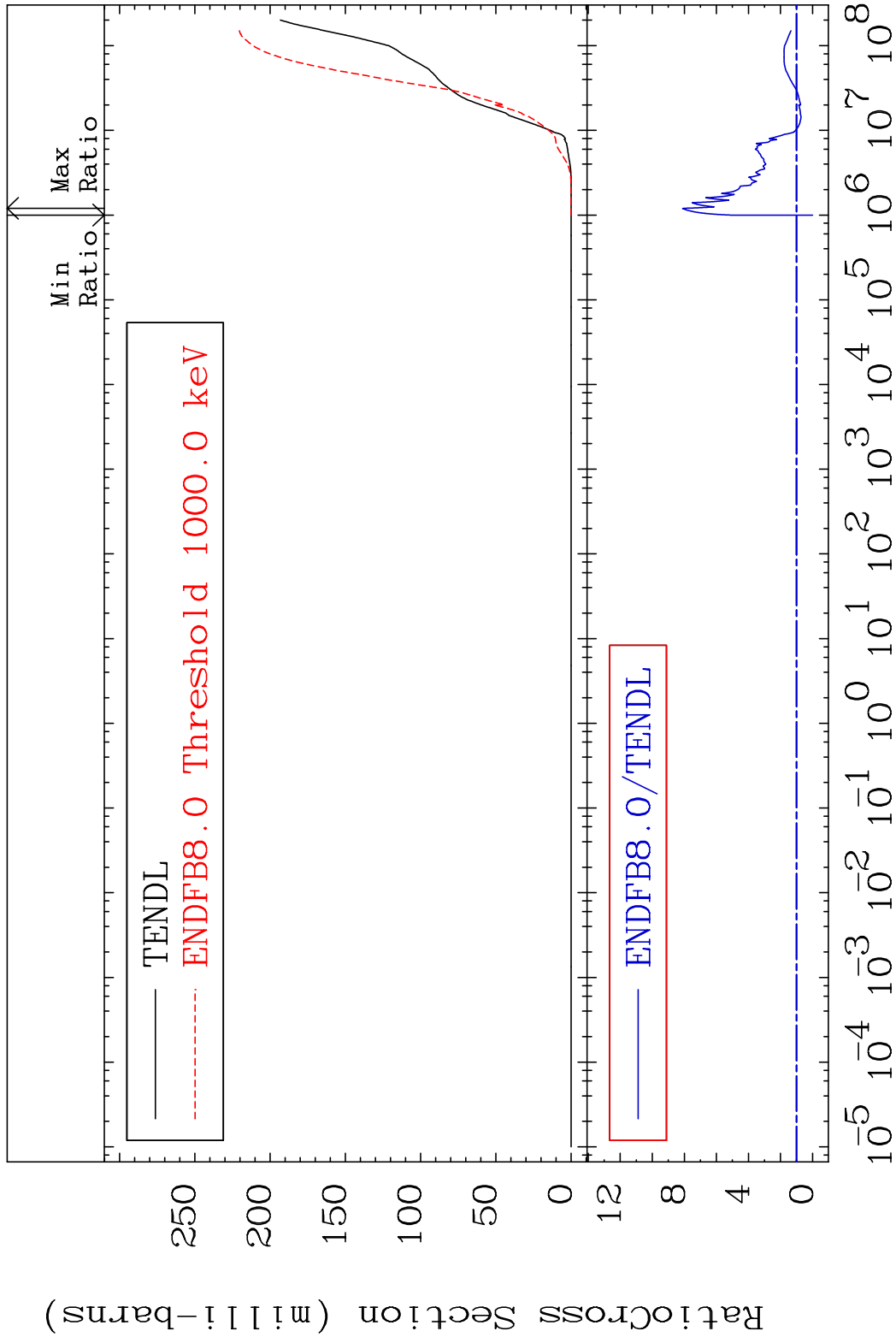
24-Cr-53

MAT 2434

He-4 Production

24-Cr-53

Cross Section -100.0 To 712.4 %

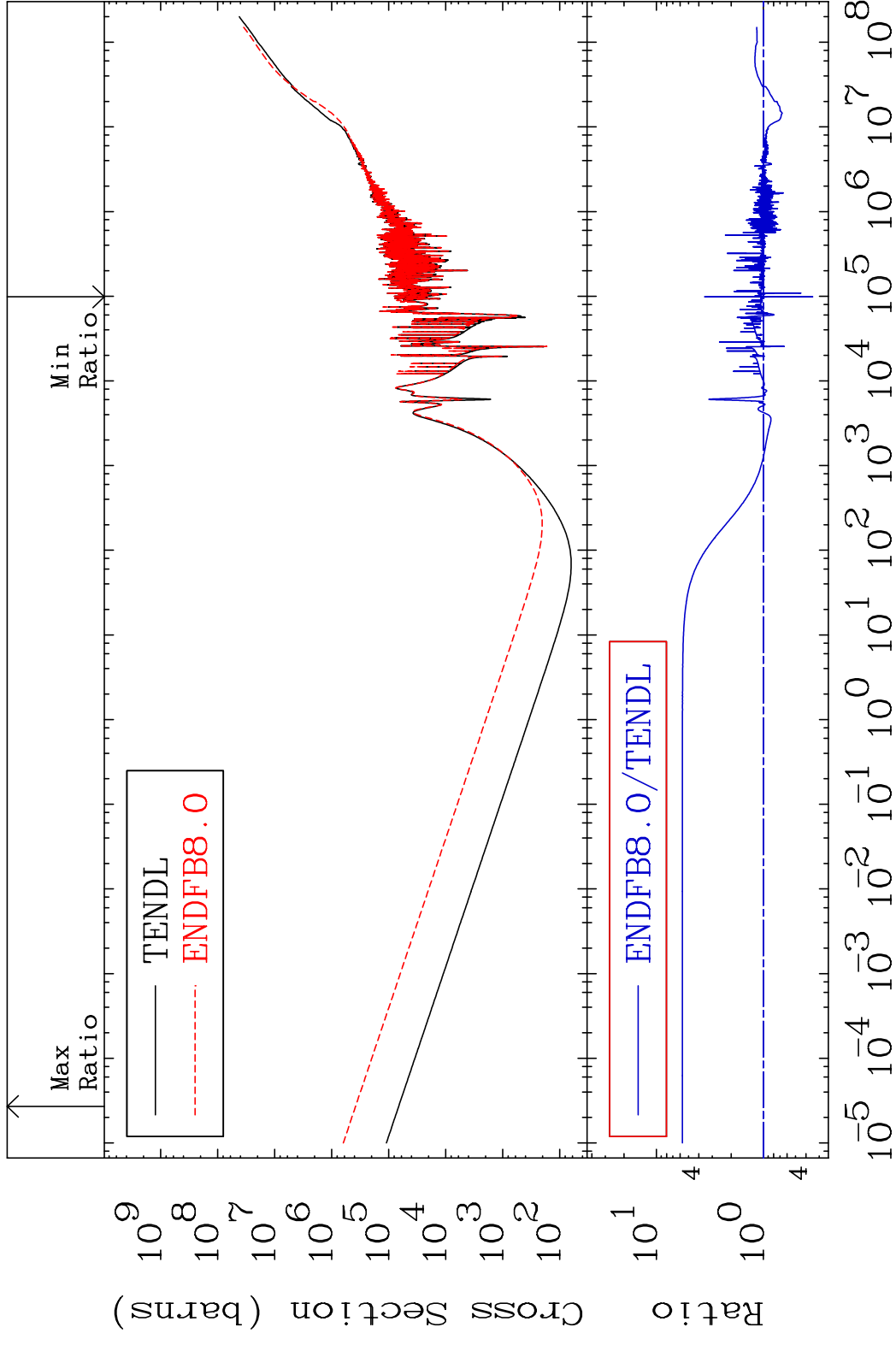


28

Incident Energy (eV)

24-Cr-53

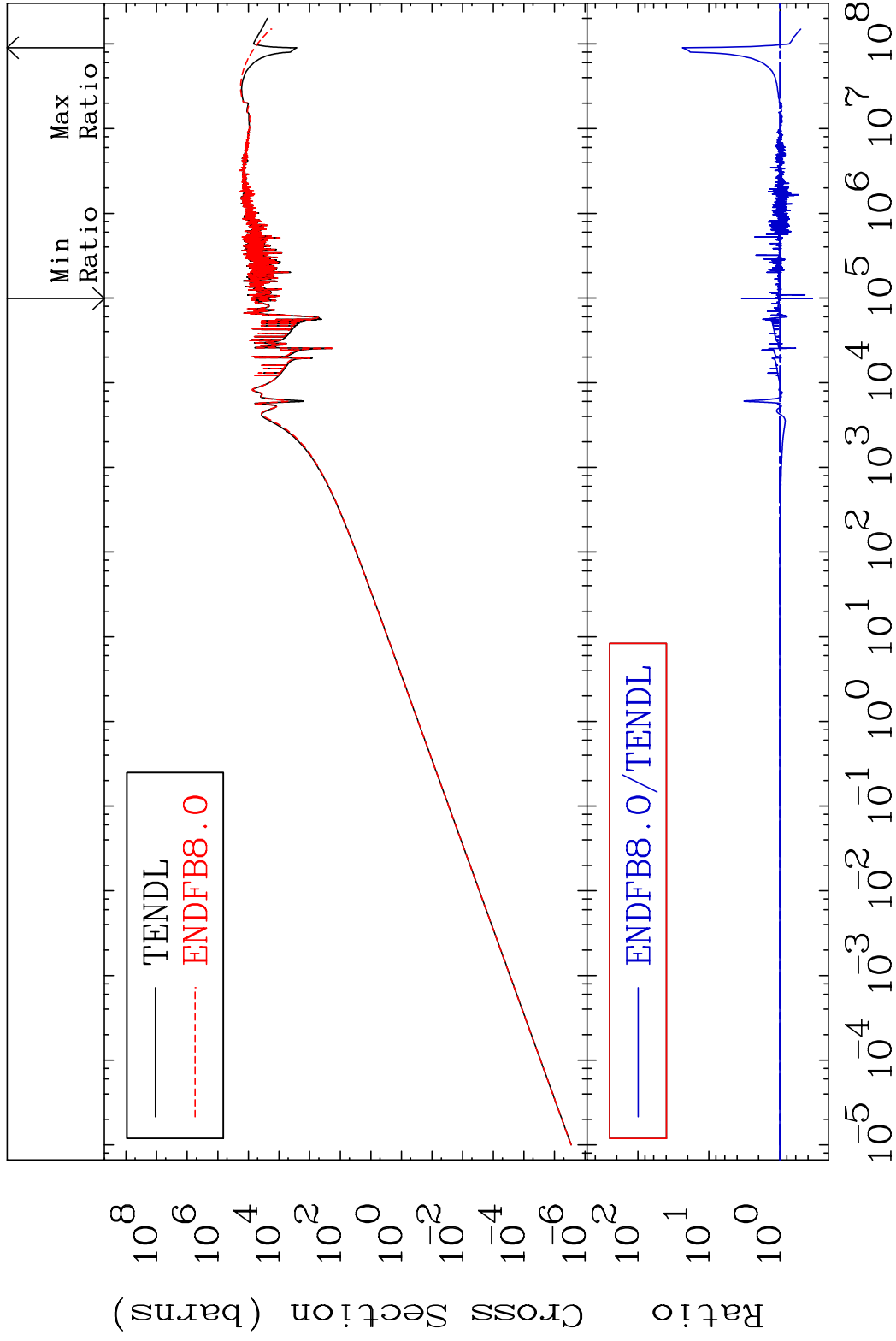
MAT 2434 Kerma total (eV-barns) 24-Cr-53
 Cross Section -65.35 To 471.0 %



MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-65.35 To 2271. %

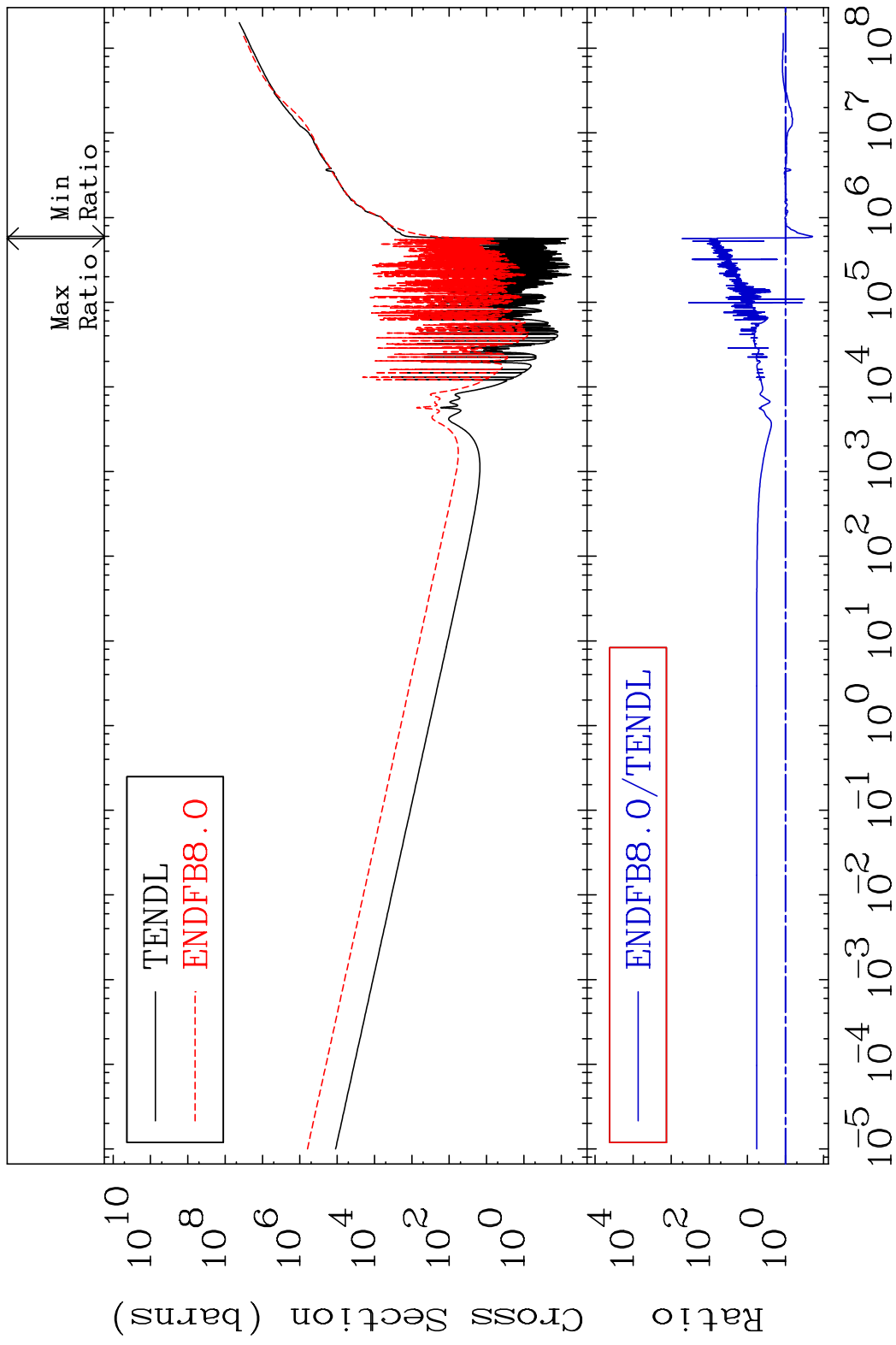


30

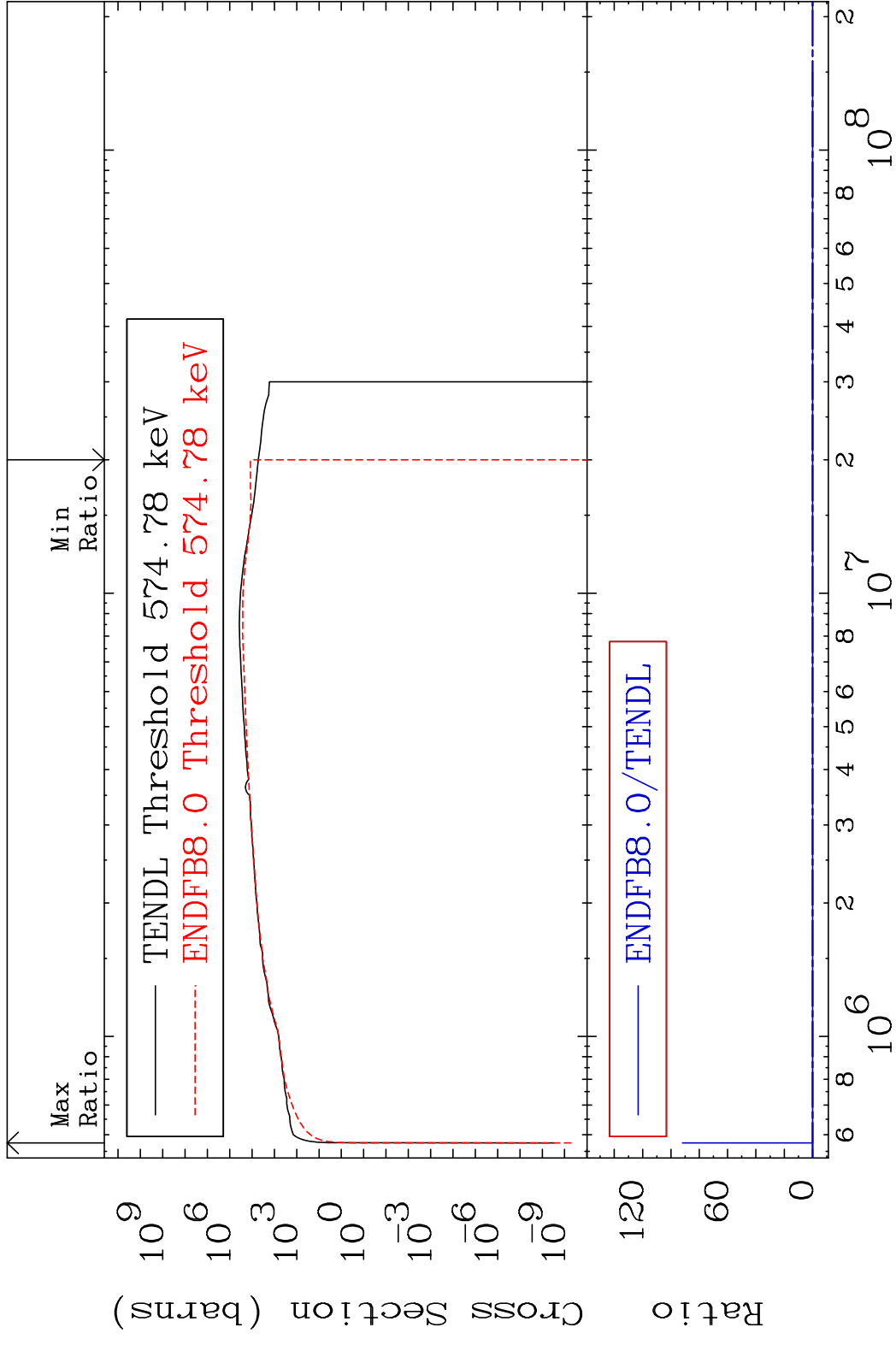
Incident Energy (eV)

24-Cr-53

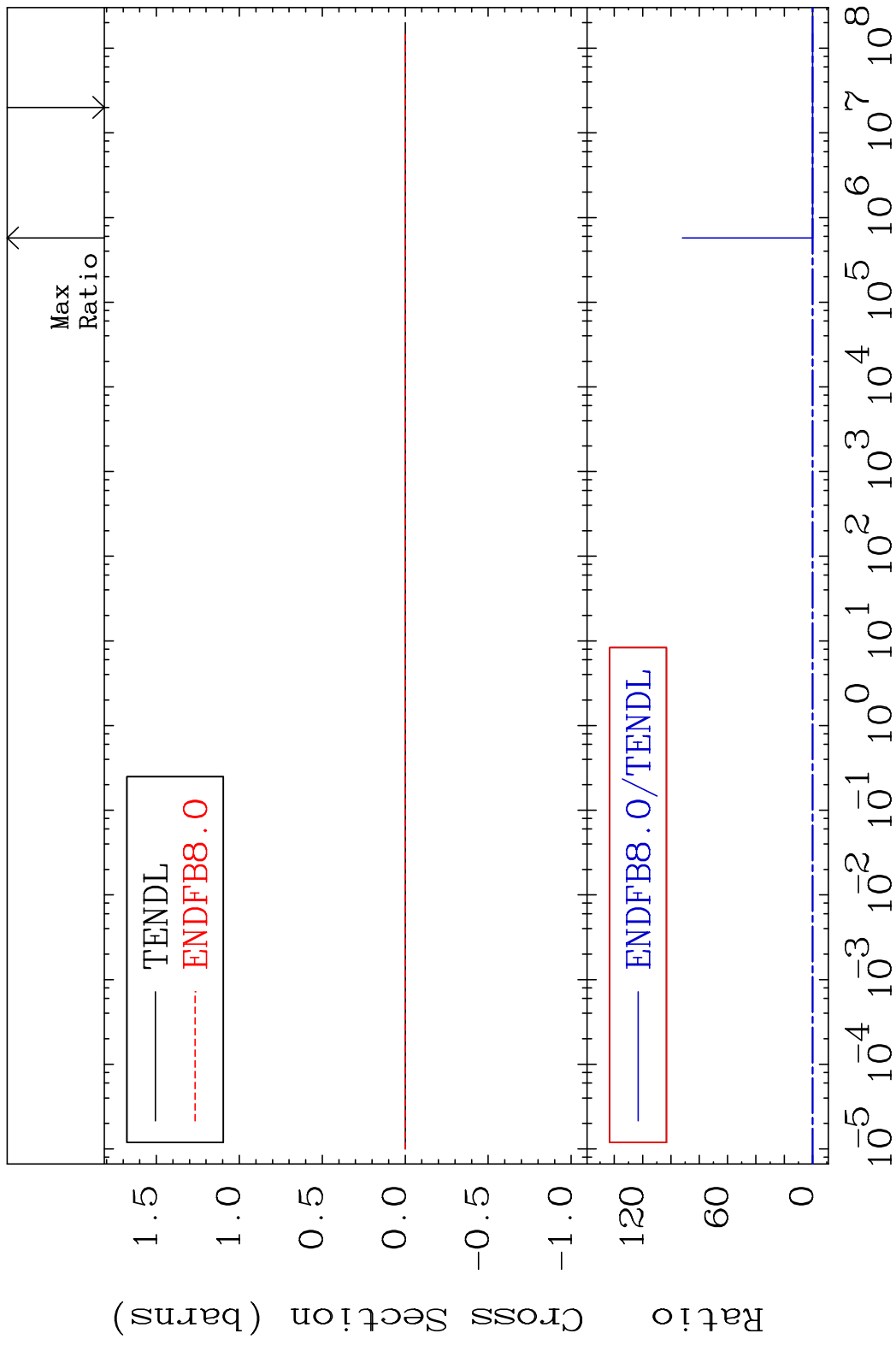
MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
 Cross Section -80.61 To 9999. %



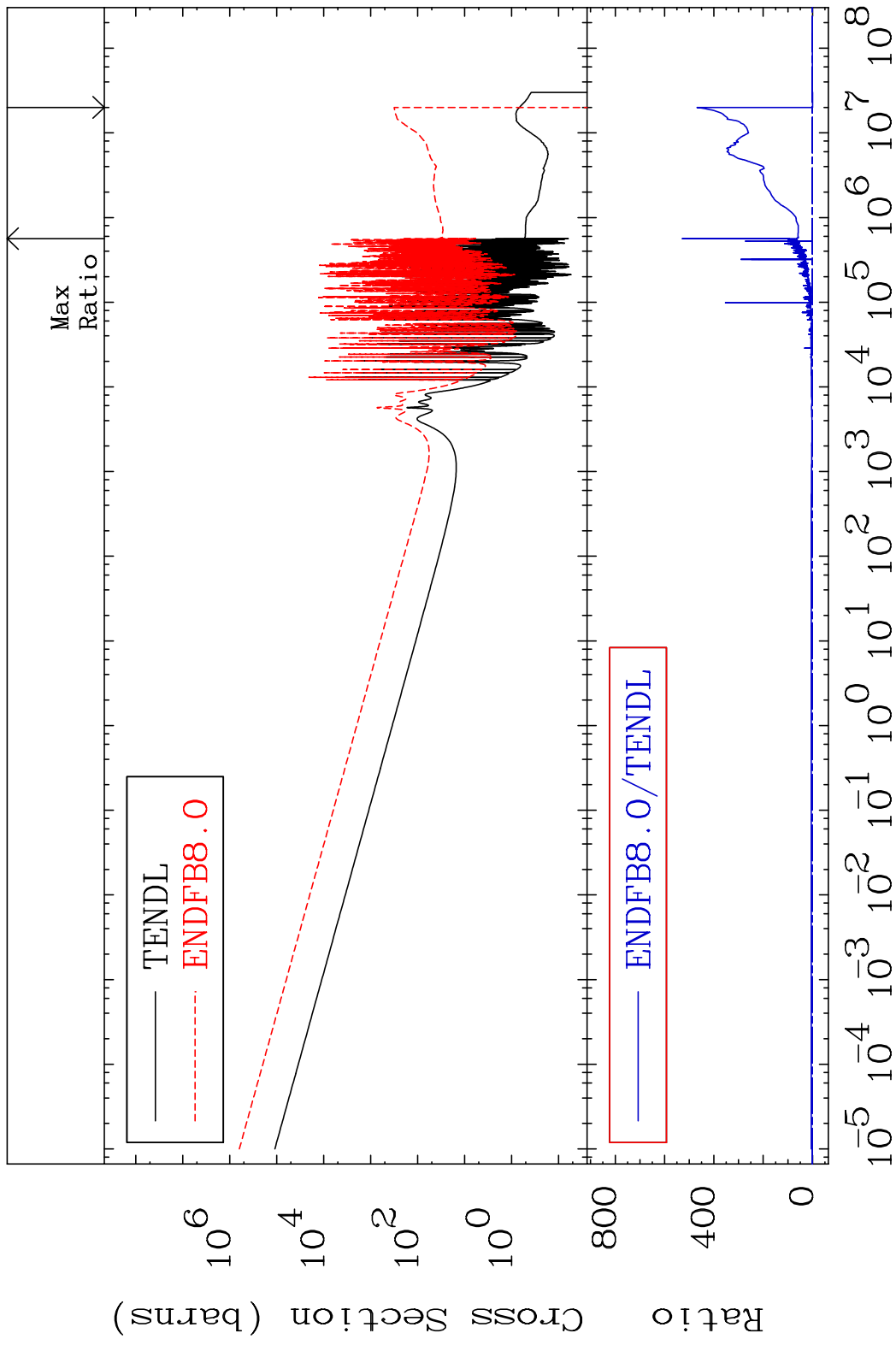
MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 Cross Section -100.0 To 9999. %



MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53
 Cross Section -100.0 To 9999. %



MAT 2434 Kerma capture (mt102) 24-Cr-53
 Cross Section -100.0 To 9999. %



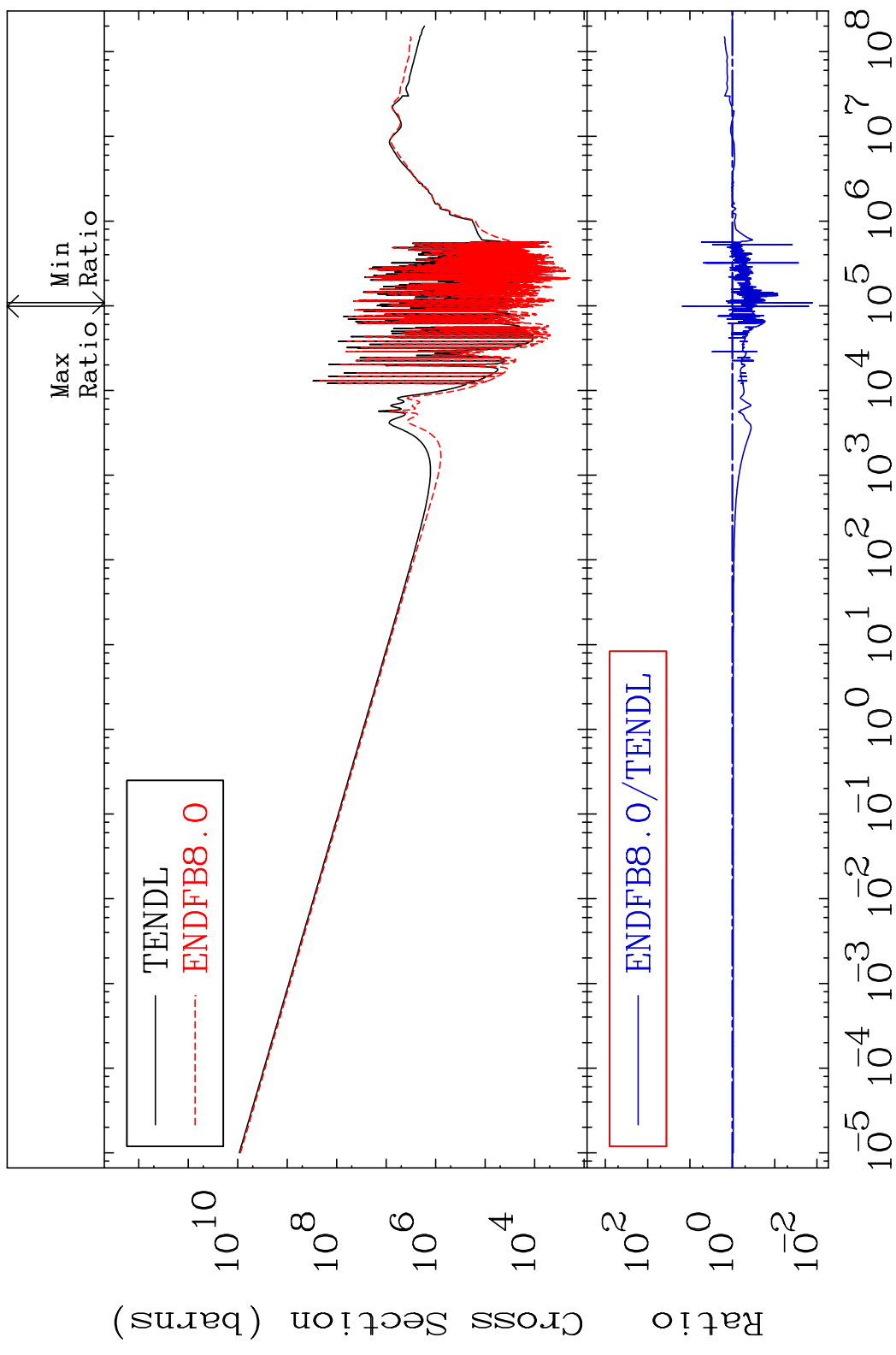
34 Incident Energy (eV) 24-Cr-53

MAT 2434

Total photon (eV-barns)

24-Cr-53

Cross Section -98.73 To 1414. %

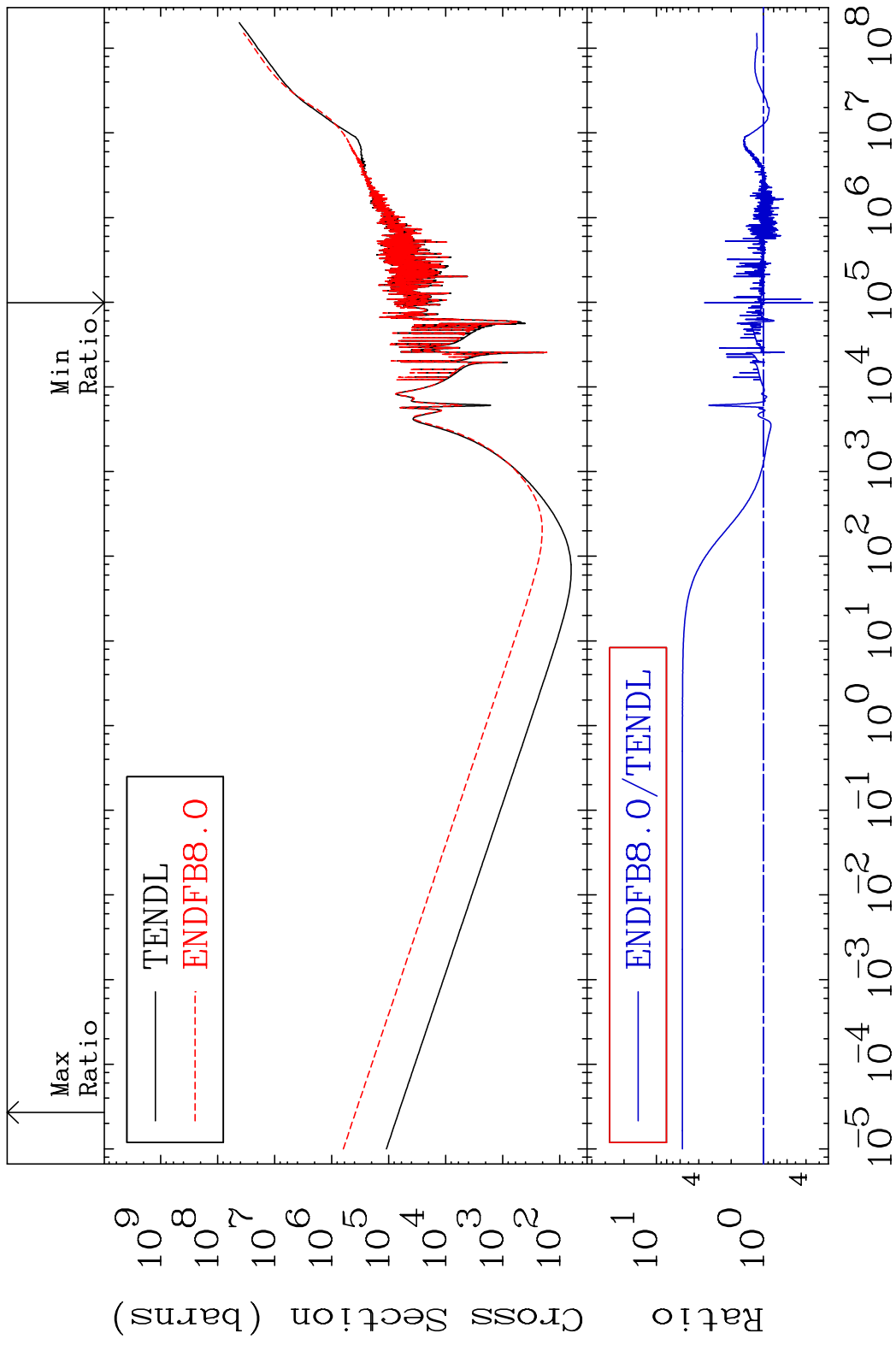


35

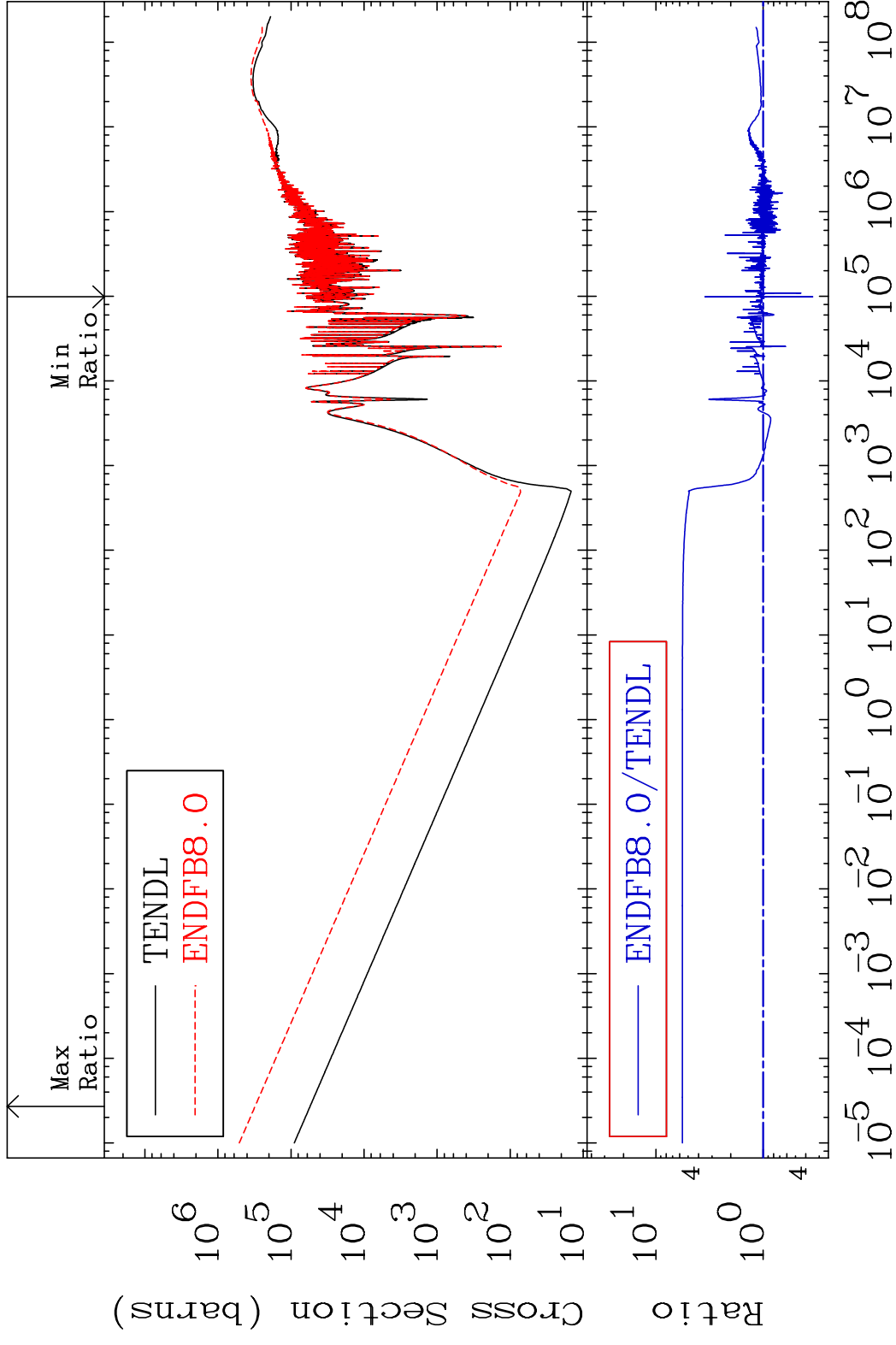
Incident Energy (eV)

24-Cr-53

MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
 Cross Section -65.35 To 471.0 %



MAT 2434 Dpa total (eV-barns) 24-Cr-53
 Cross Section -65.40 To 466.4 %

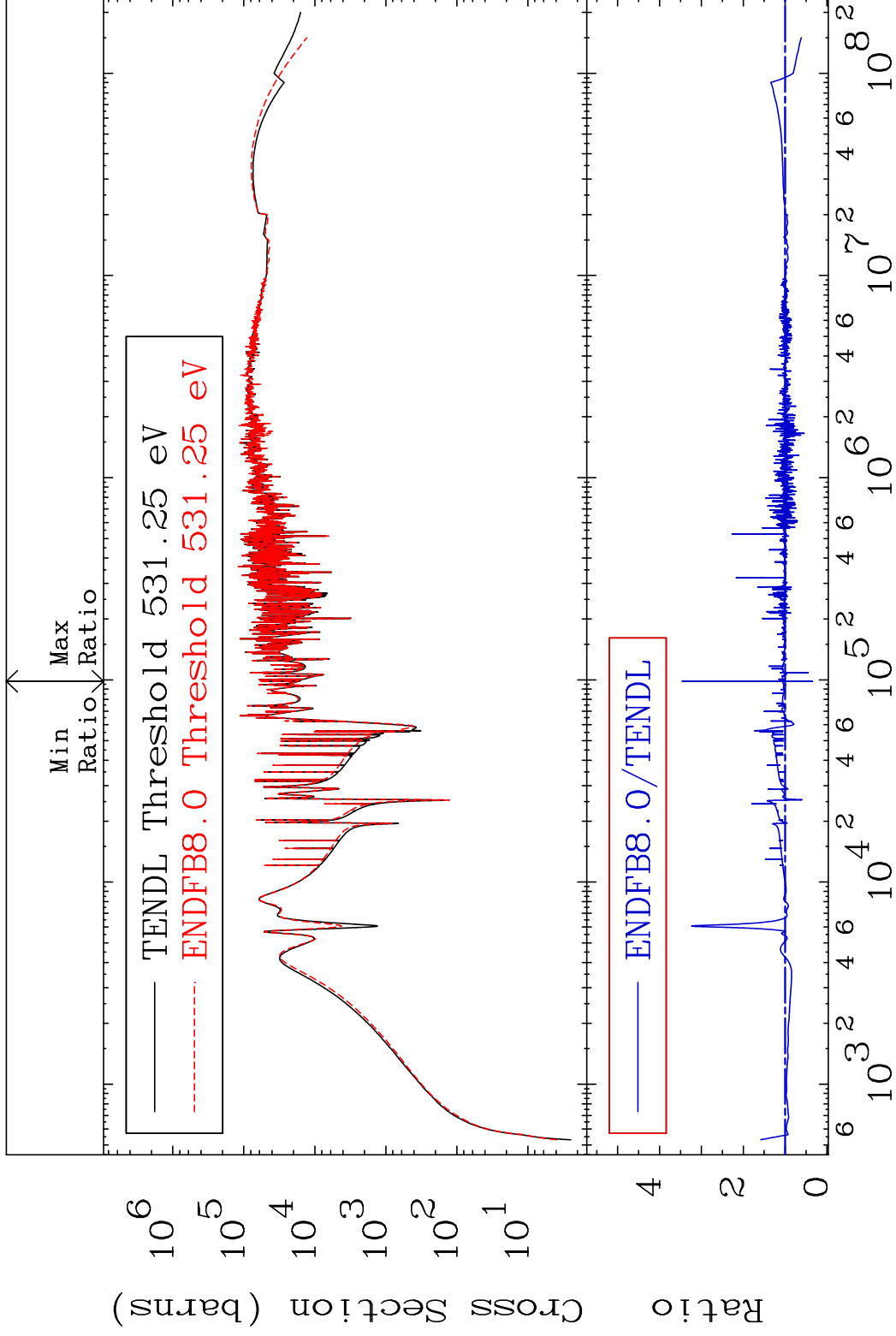


MAT 2434

Dpa elastic (mt2)

24-Cr-53

Cross Section -65.35 To 246.0 %

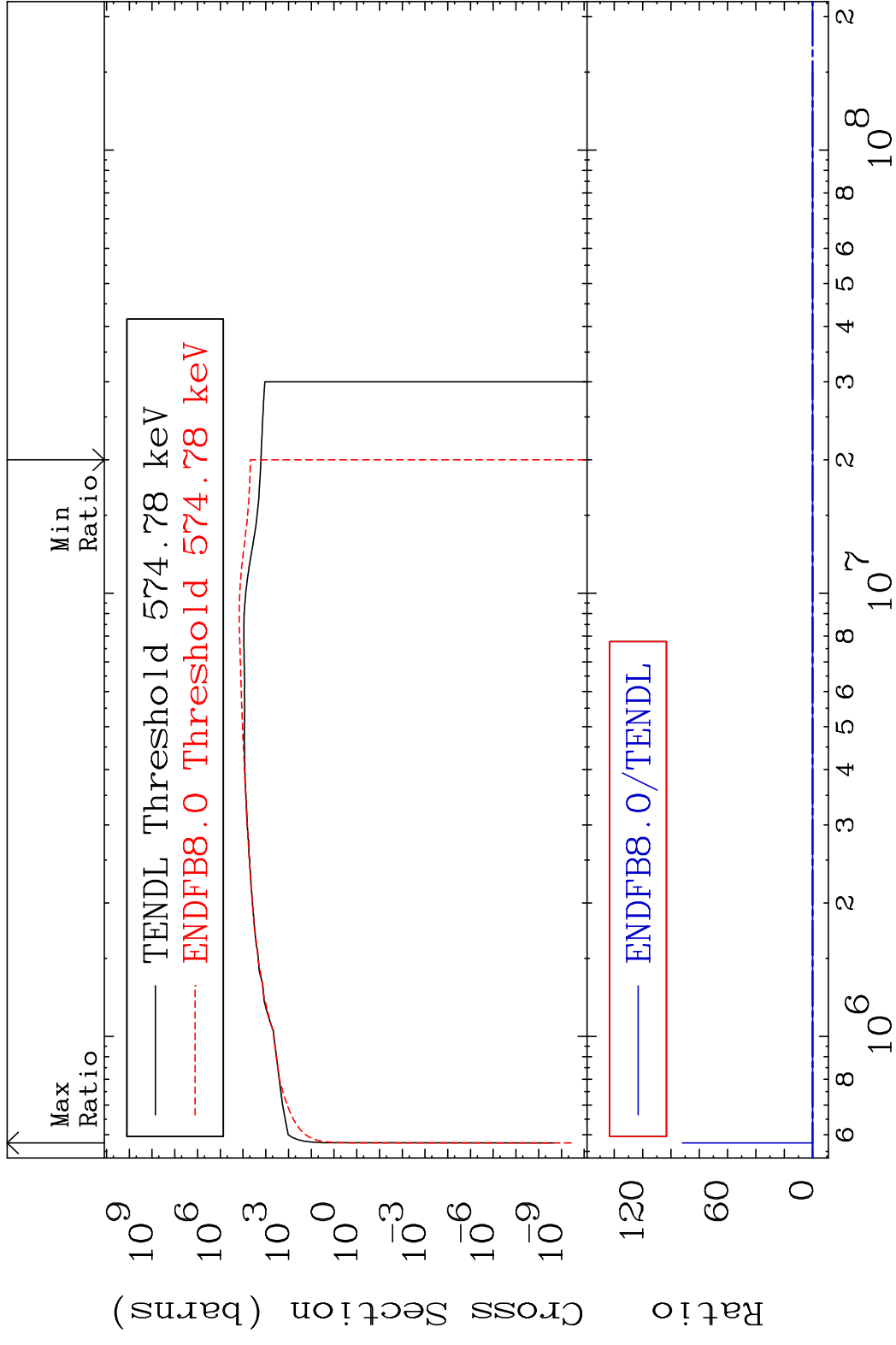


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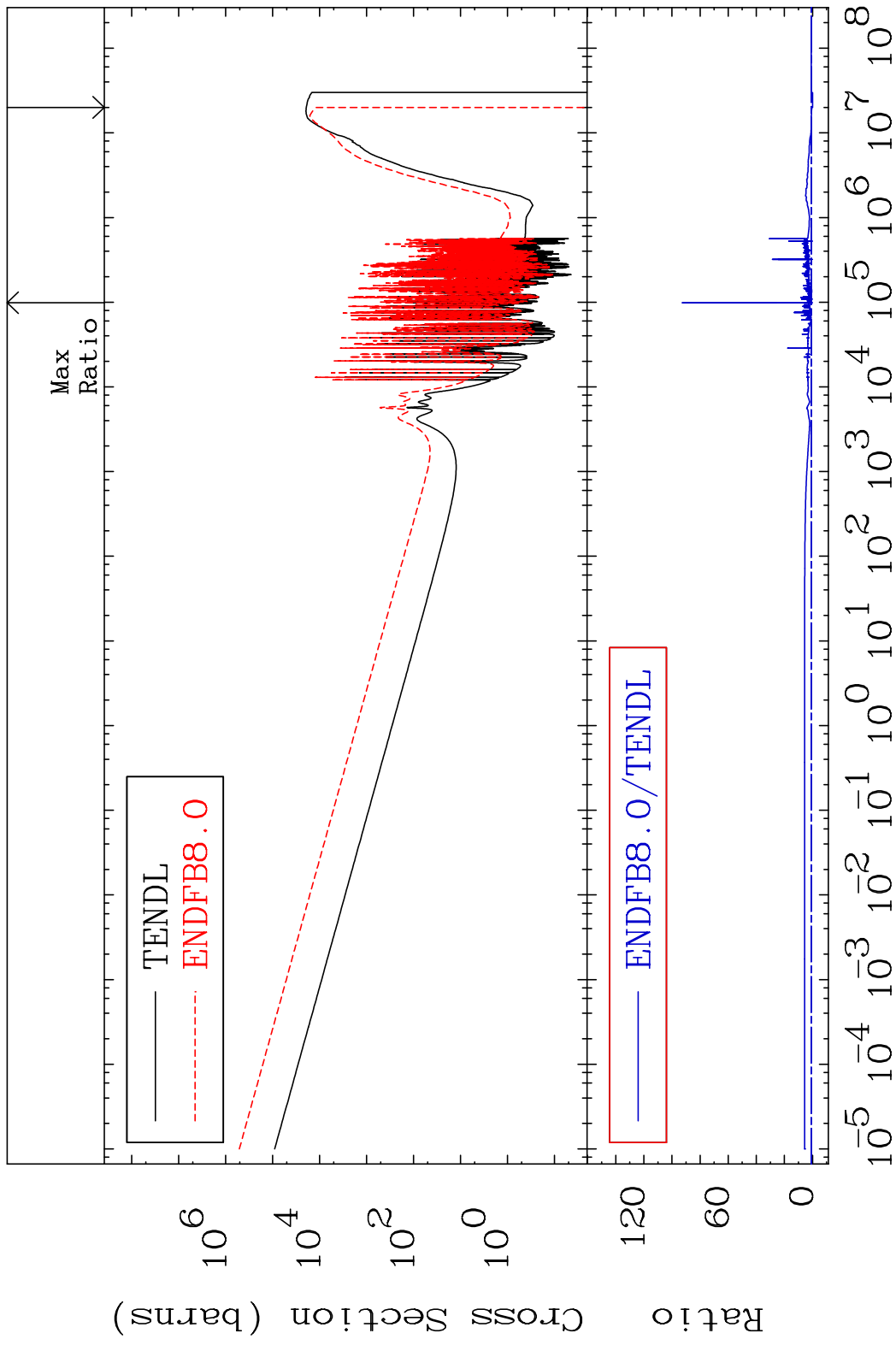
Incident Energy (eV)

24-Cr-53

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



MAT 2434 Dpa disappearance (mt102 -120) 24-Cr-53
Cross Section -100.0 To 9160. %



40 Incident Energy (eV) 24-Cr-53