

Program Complot
(Version 2021-1)

by

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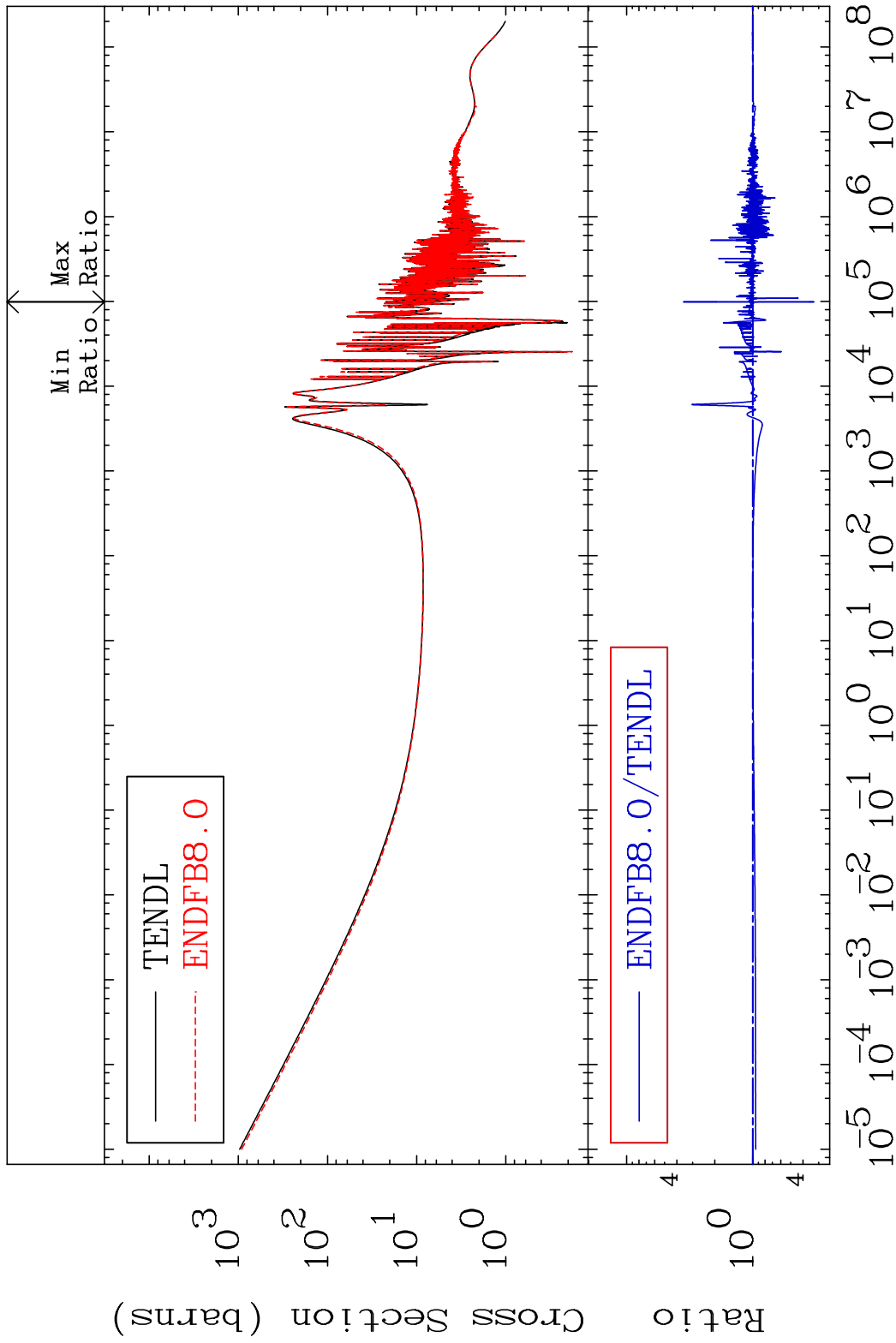
Press Mouse Button to Start

MAT 2434

Total

24-Cr-53

Cross Section -67.25 To 254.4 %



1

Incident Energy (eV)

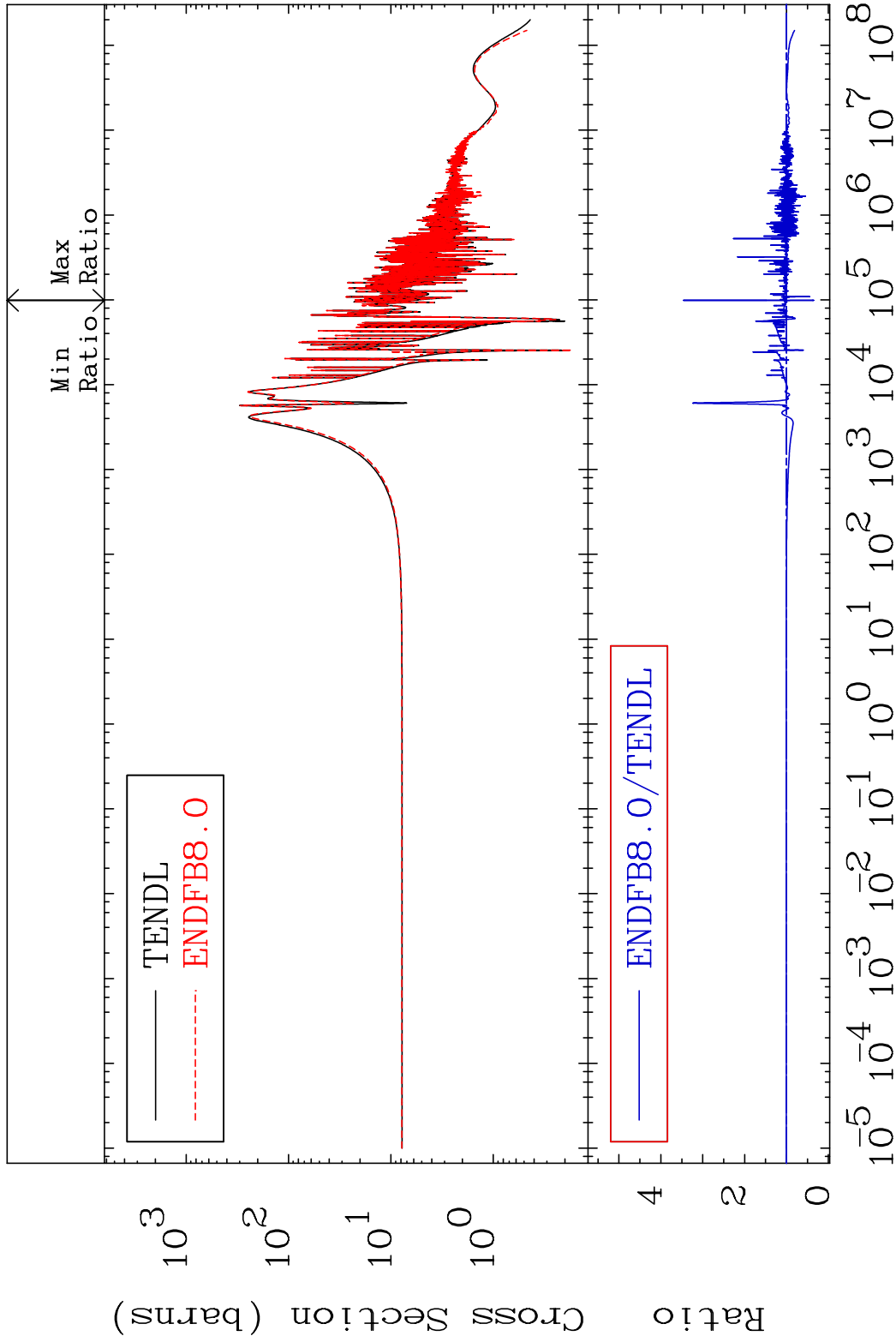
24-Cr-53

MAT 2434

Elastic

24-Cr-53

Cross Section -65.35 To 246.0 %

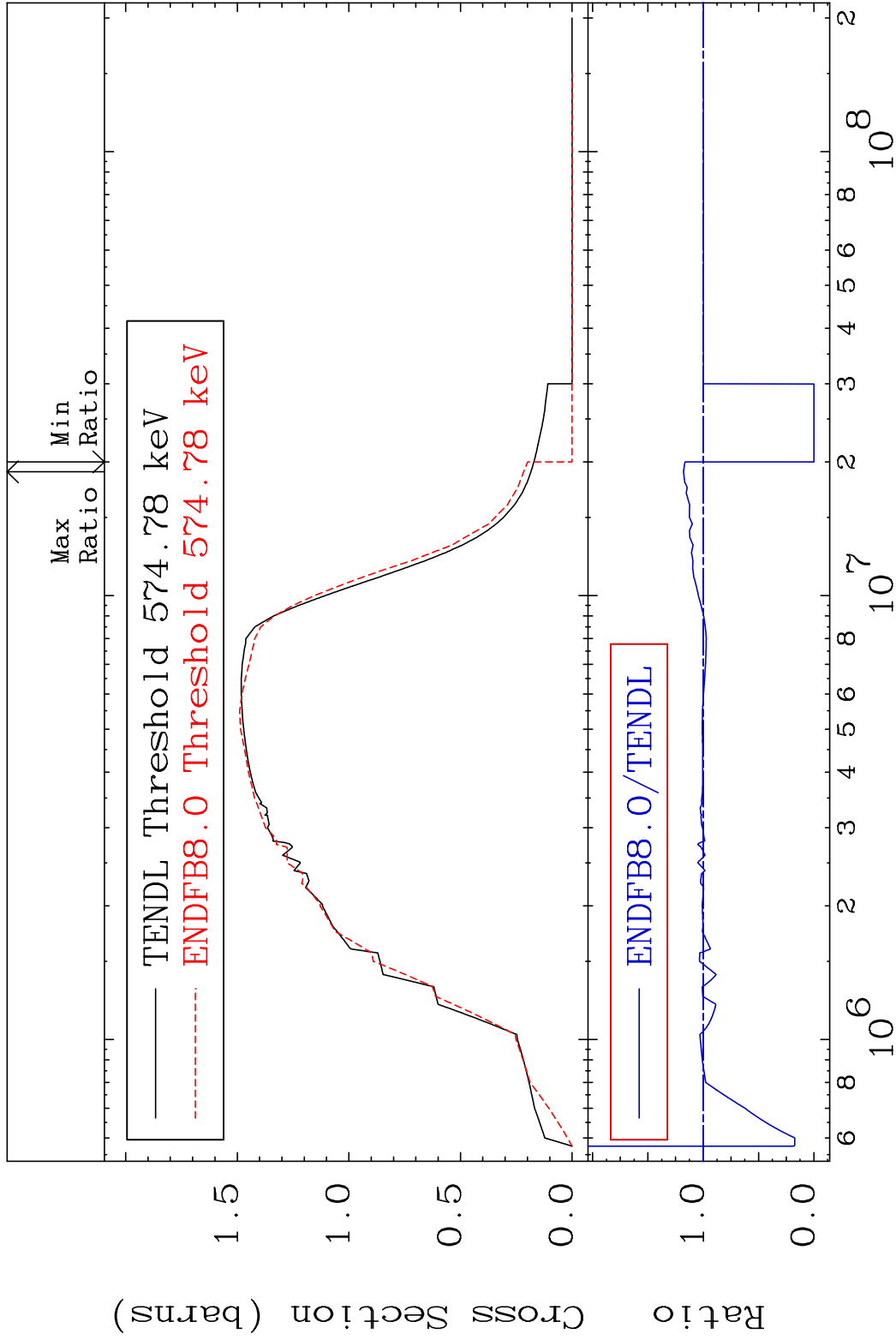


2

Incident Energy (eV)

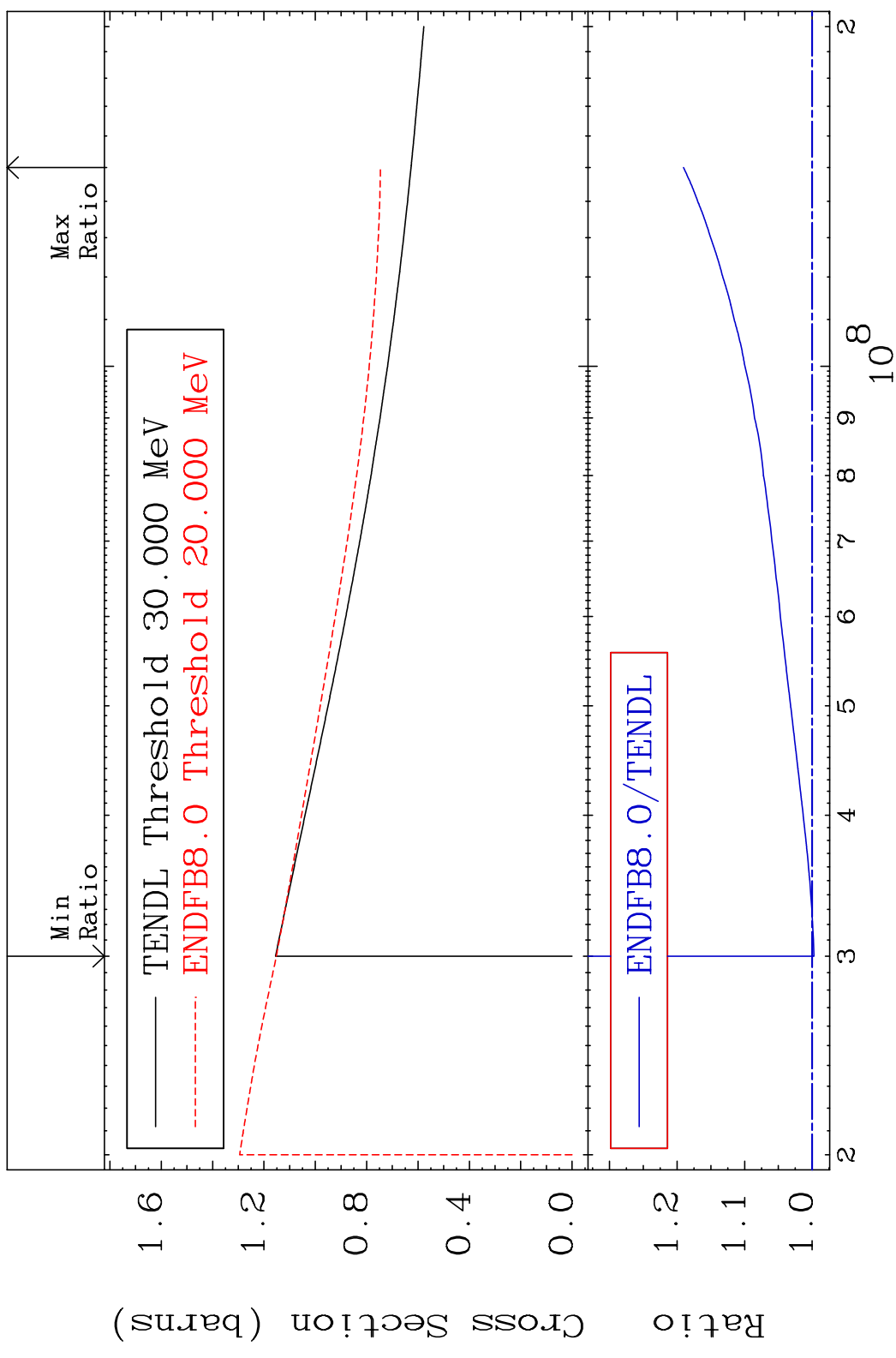
24-Cr-53

MAT 2434 Inelastic Cross Section -100.0 To 17.90 % 24-Cr-53

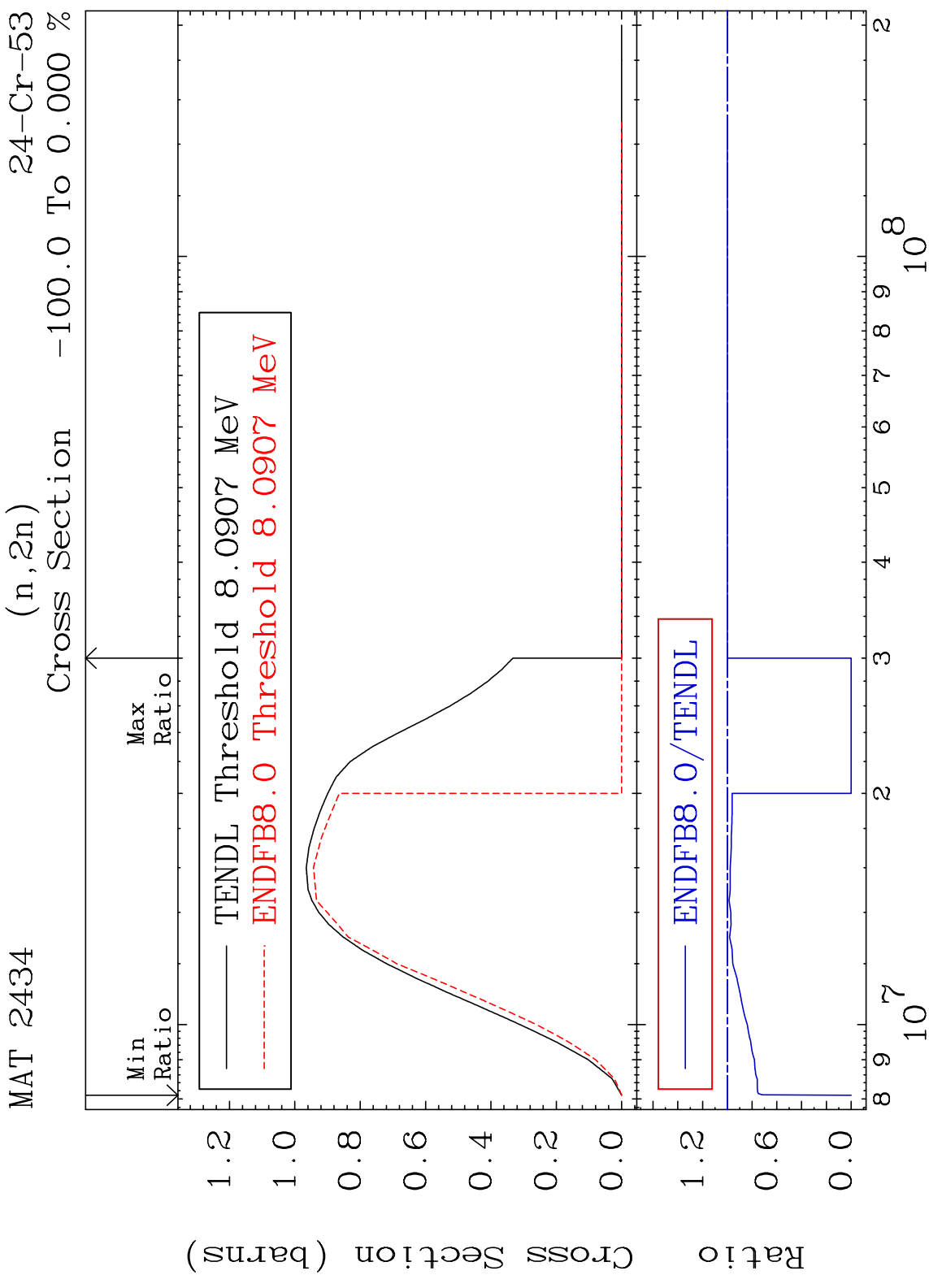


3 24-Cr-53

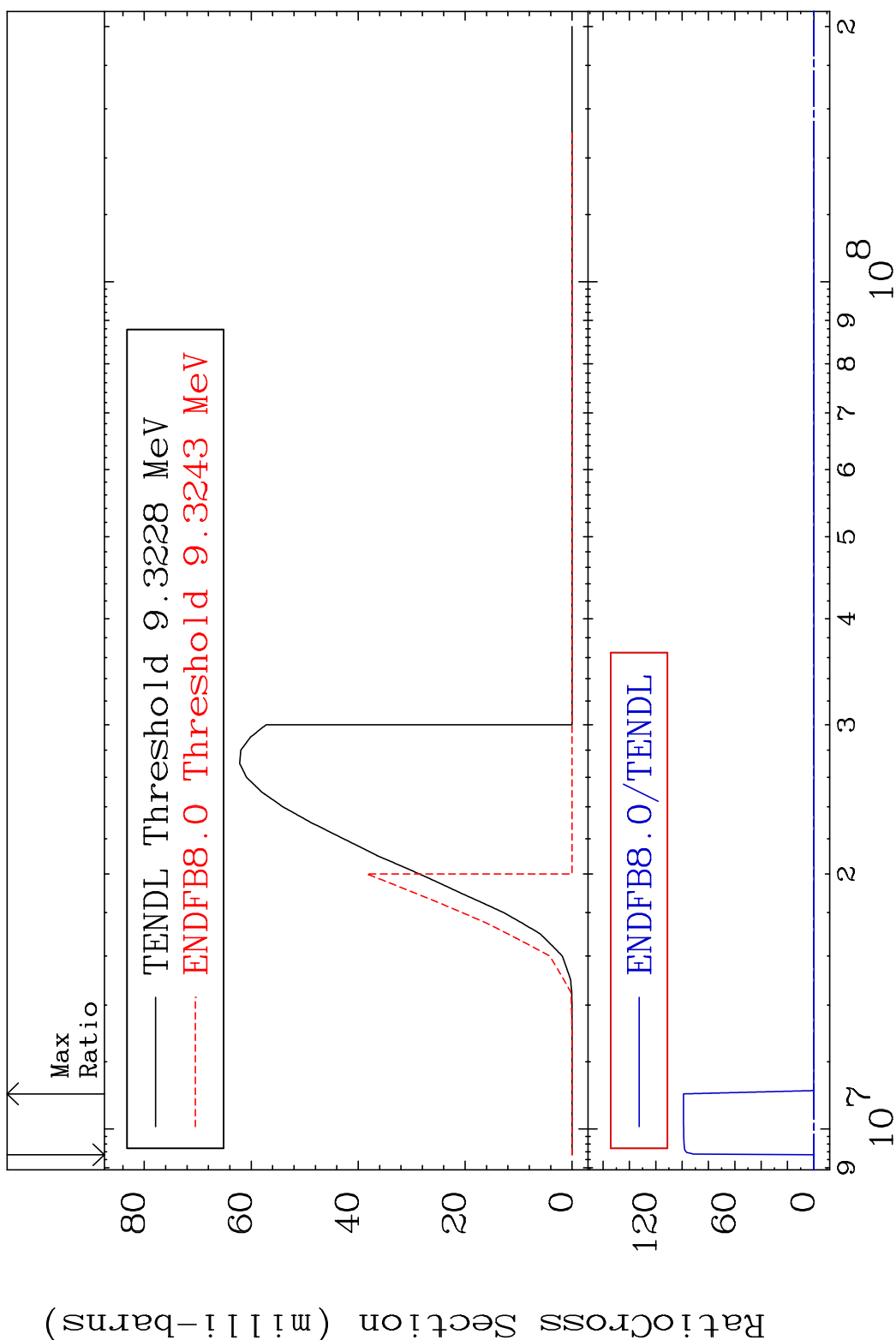
MAT 2434 (n, remainder) 24-Cr-53
 Cross Section -0.248 To 19.05 %



4 24-Cr-53

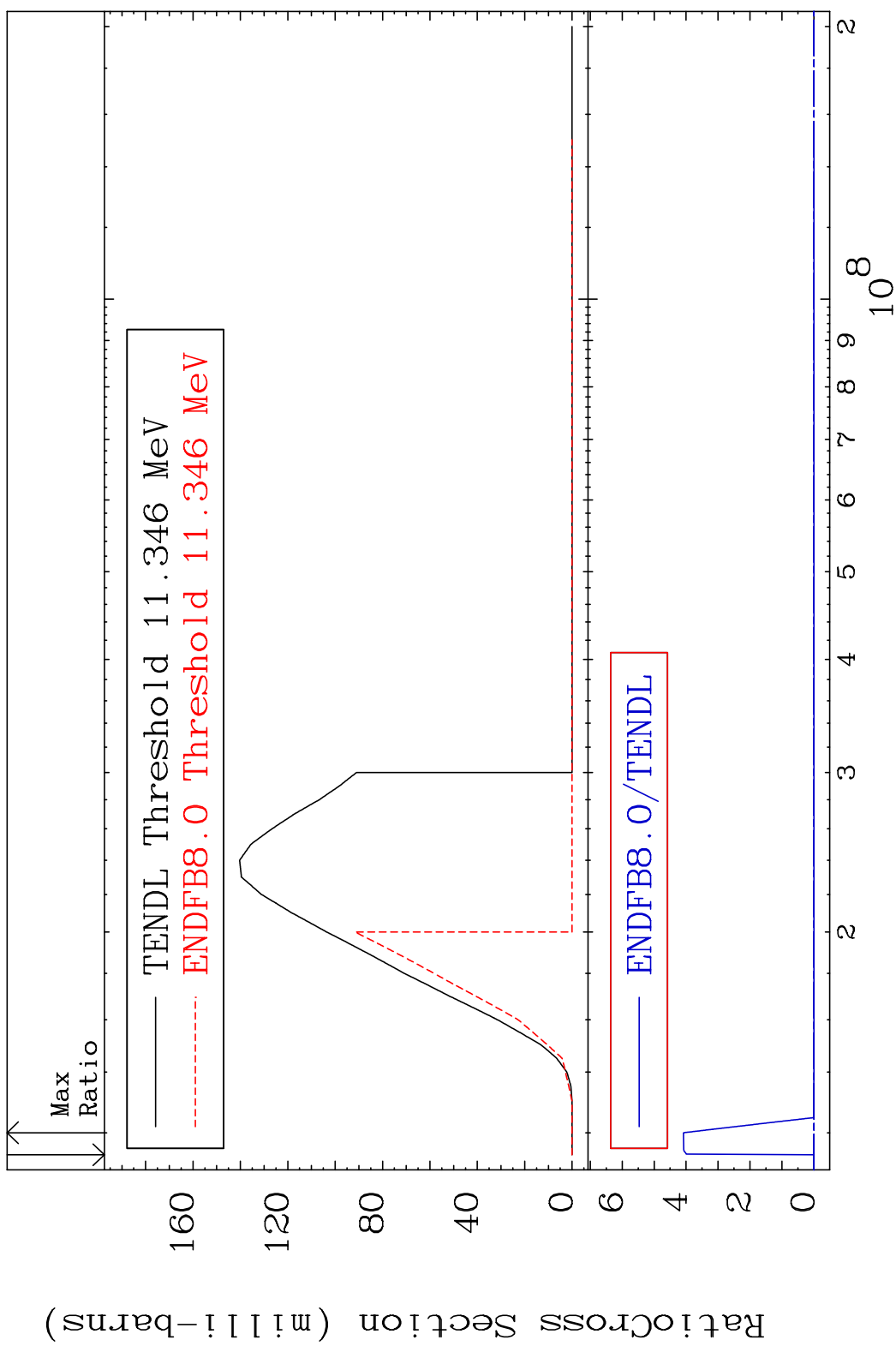


MAT 2434 (n, n') α 24-Cr-53
 Cross Section -100.0 To 9999. %



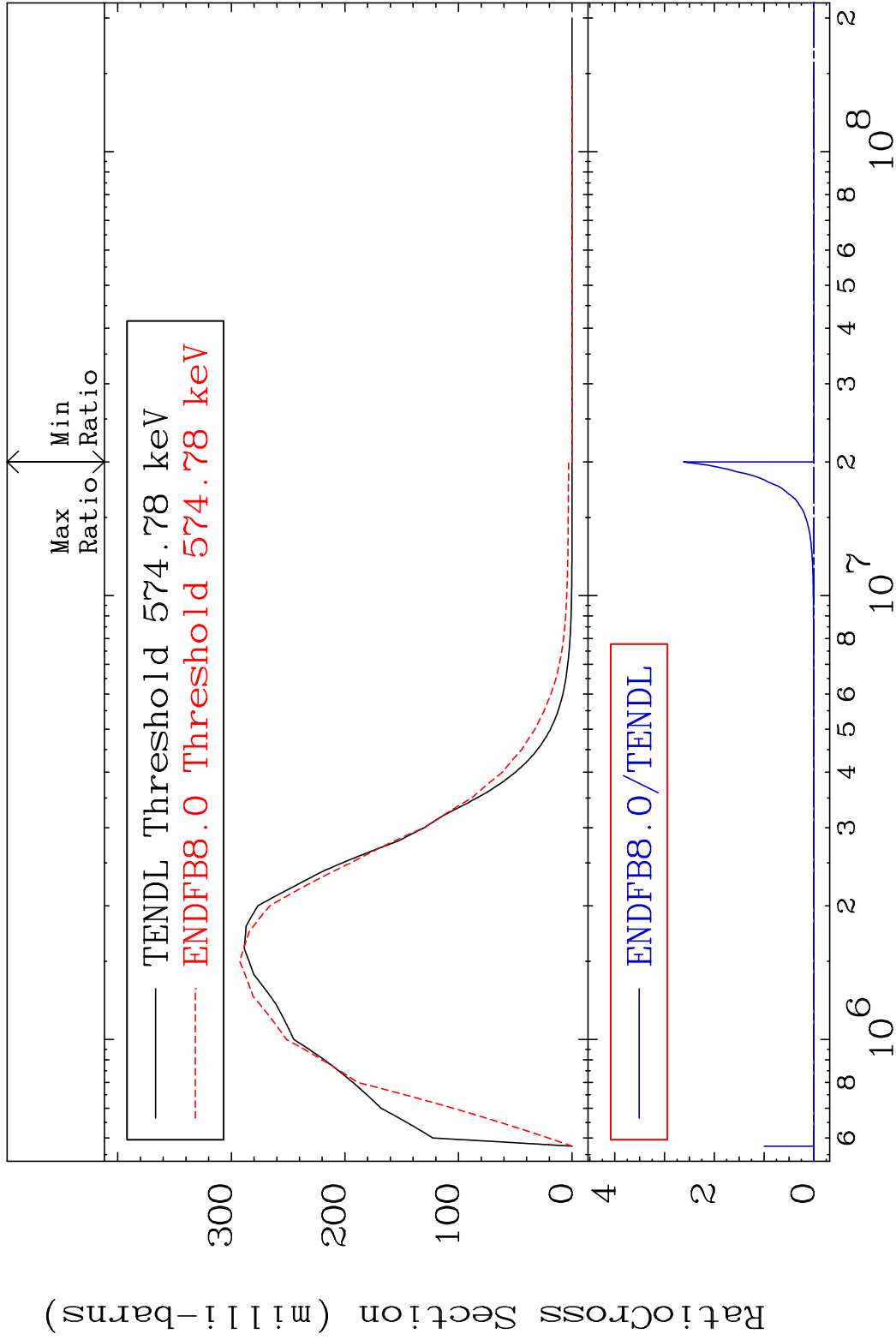
6 Incident Energy (eV) 24-Cr-53

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



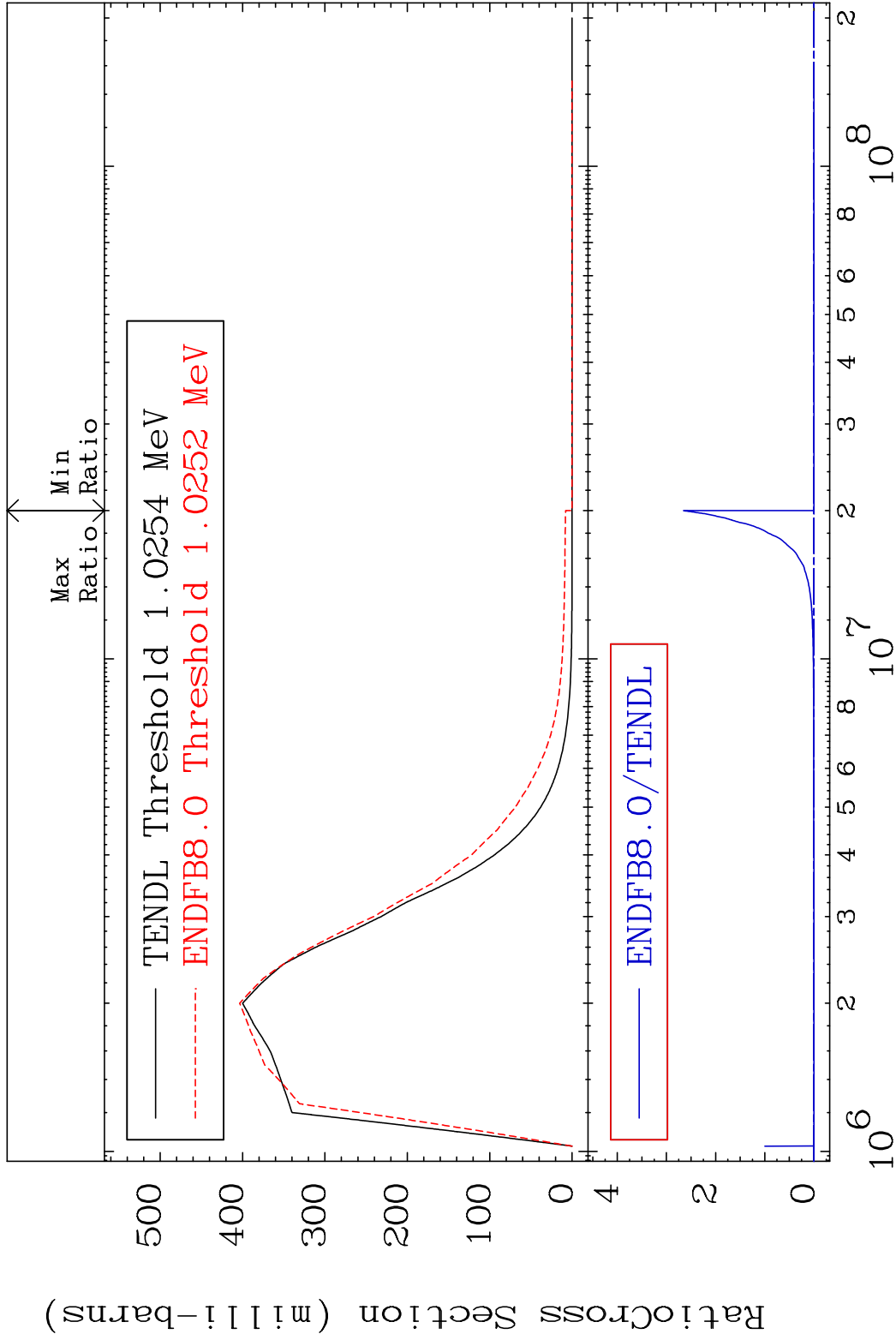
7 Incident Energy (eV) 24-Cr-53

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



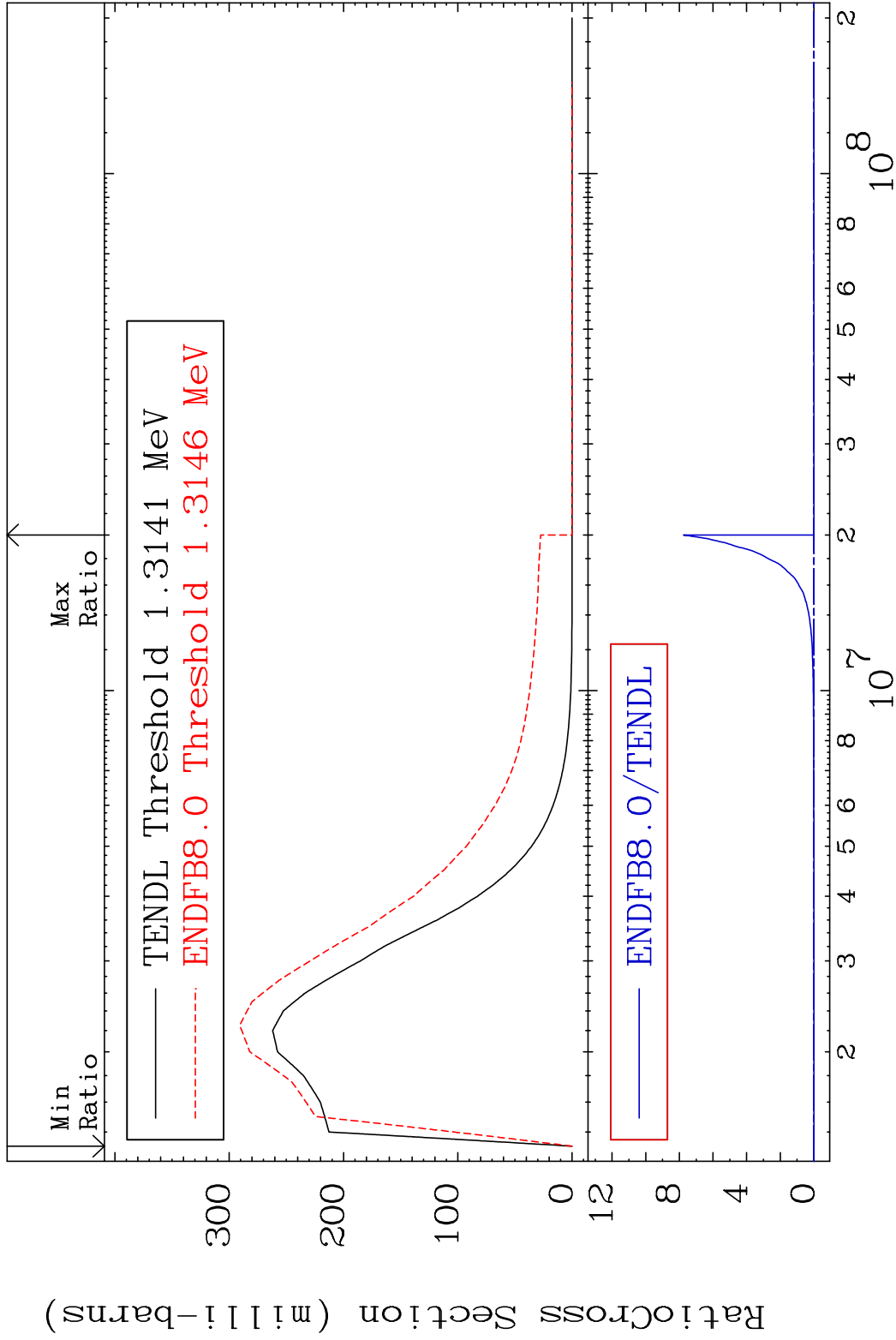
8 Incident Energy (eV) 24-Cr-53

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



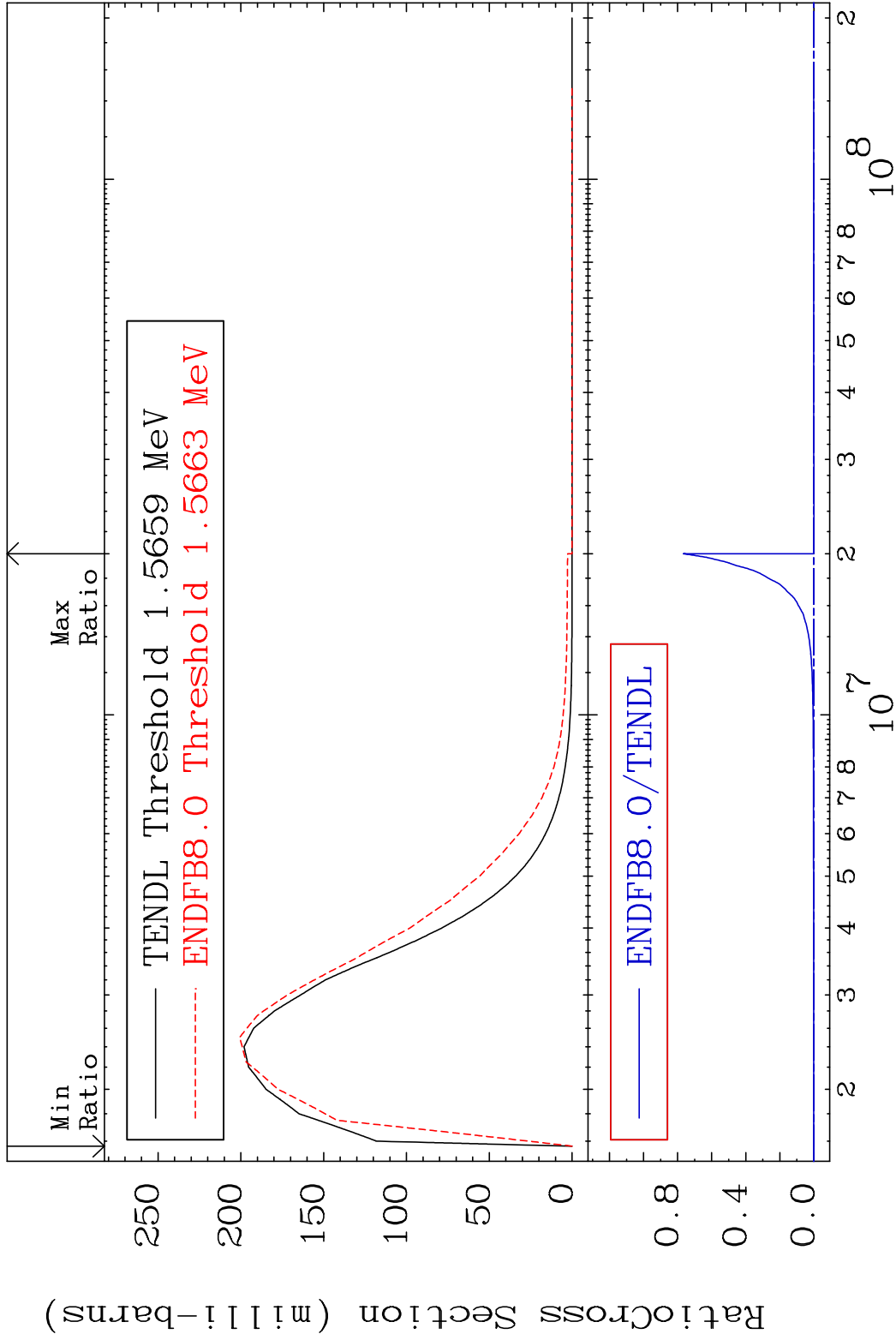
9 Incident Energy (eV) 24-Cr-53

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



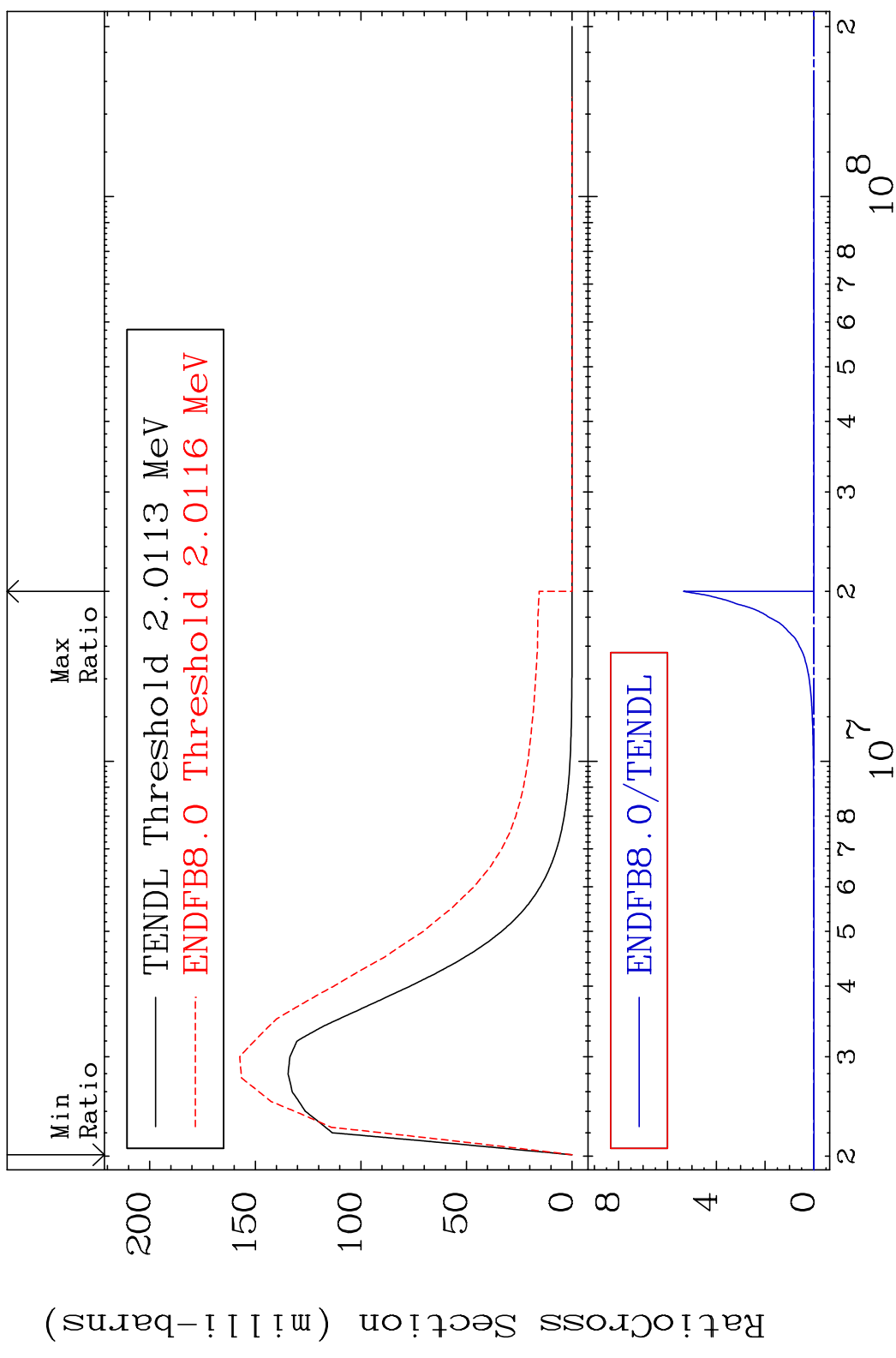
10 Incident Energy (eV) 24-Cr-53

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



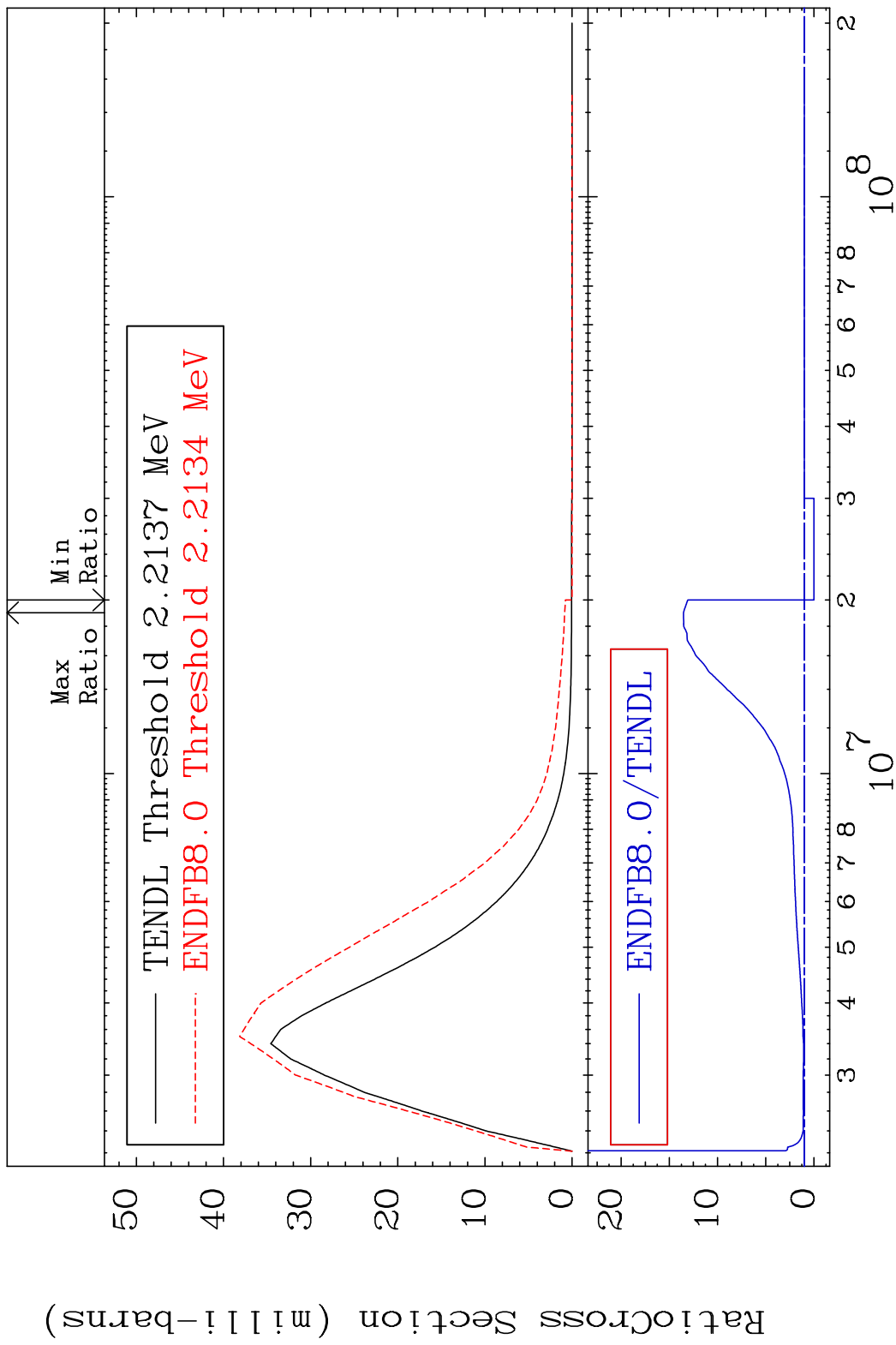
11 Incident Energy (eV) 24-Cr-53

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



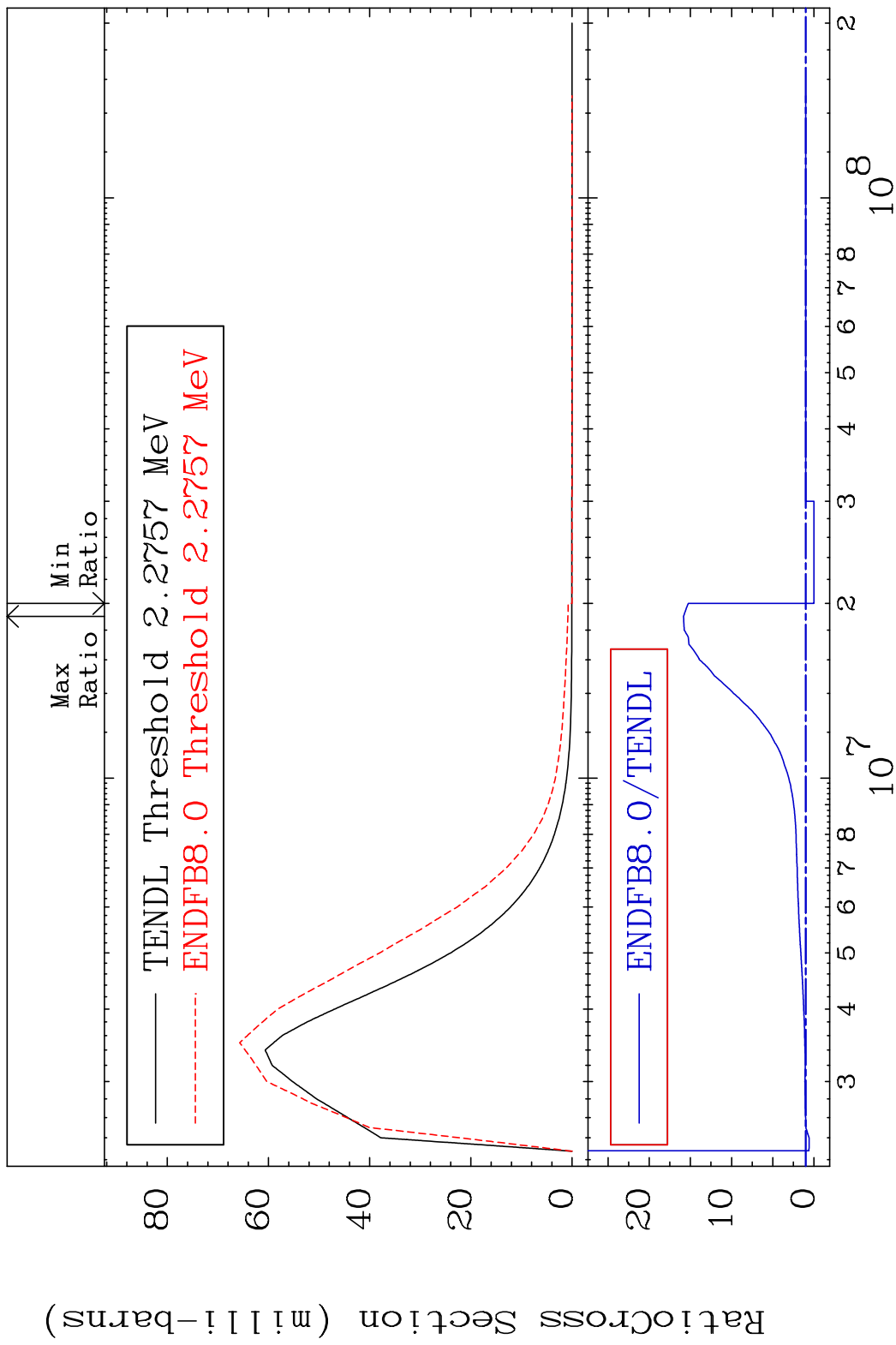
12 24-Cr-53

MAT 2434 MT= 56 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1253. %



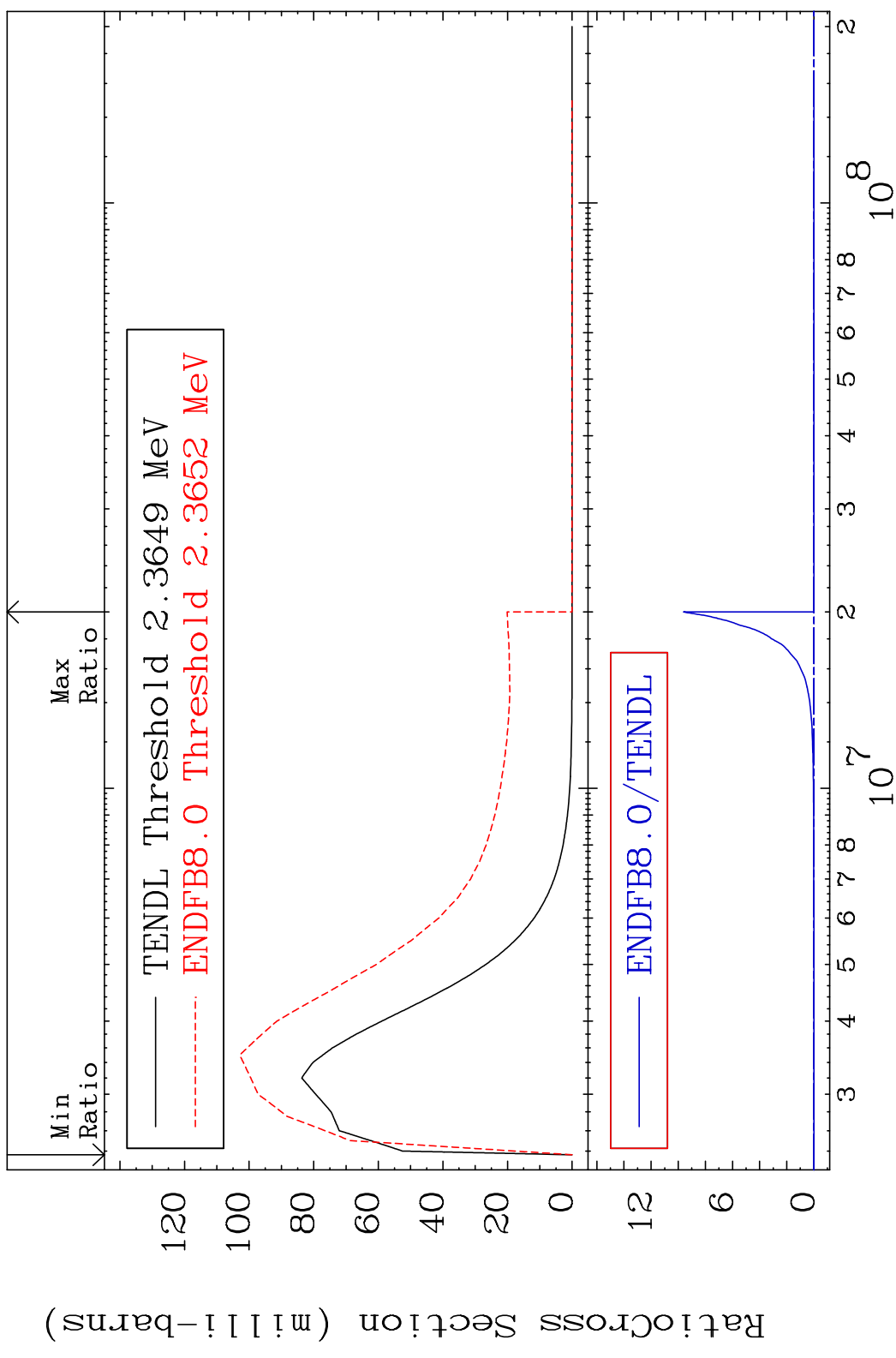
13 24-Cr-53

MAT 2434 MT= 57 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1485. %



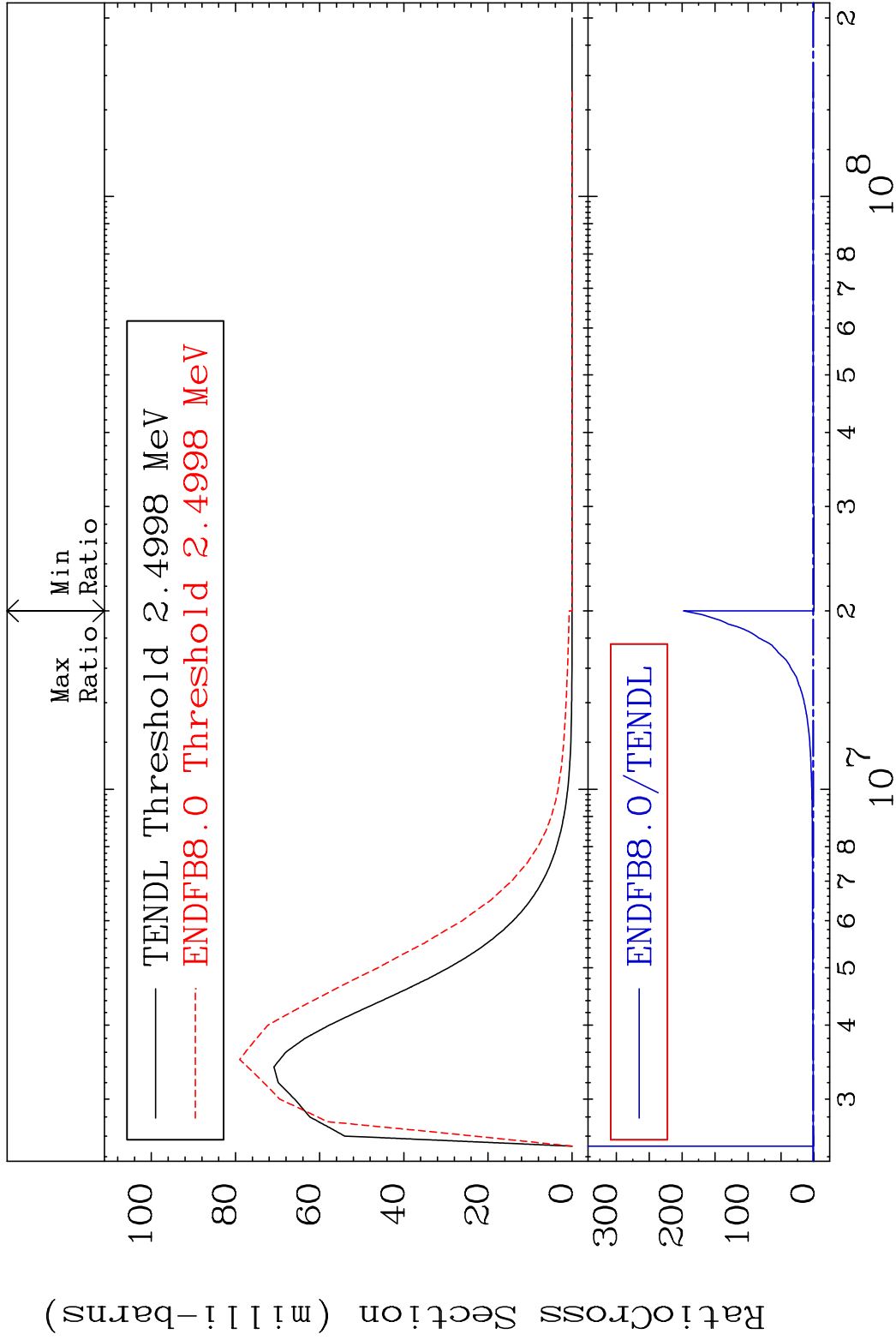
14 Incident Energy (eV) 24-Cr-53

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



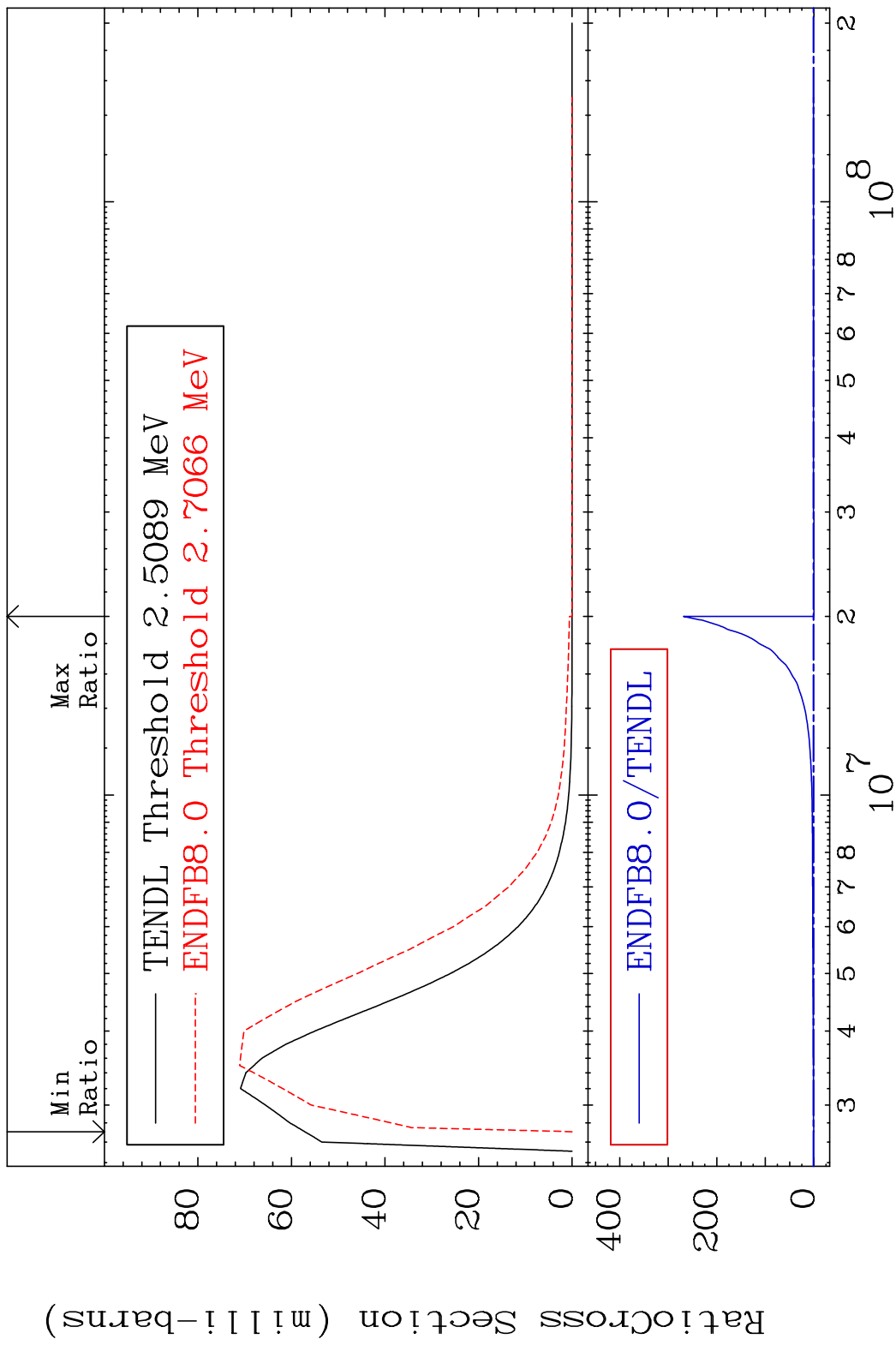
15 Incident Energy (eV) 24-Cr-53

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



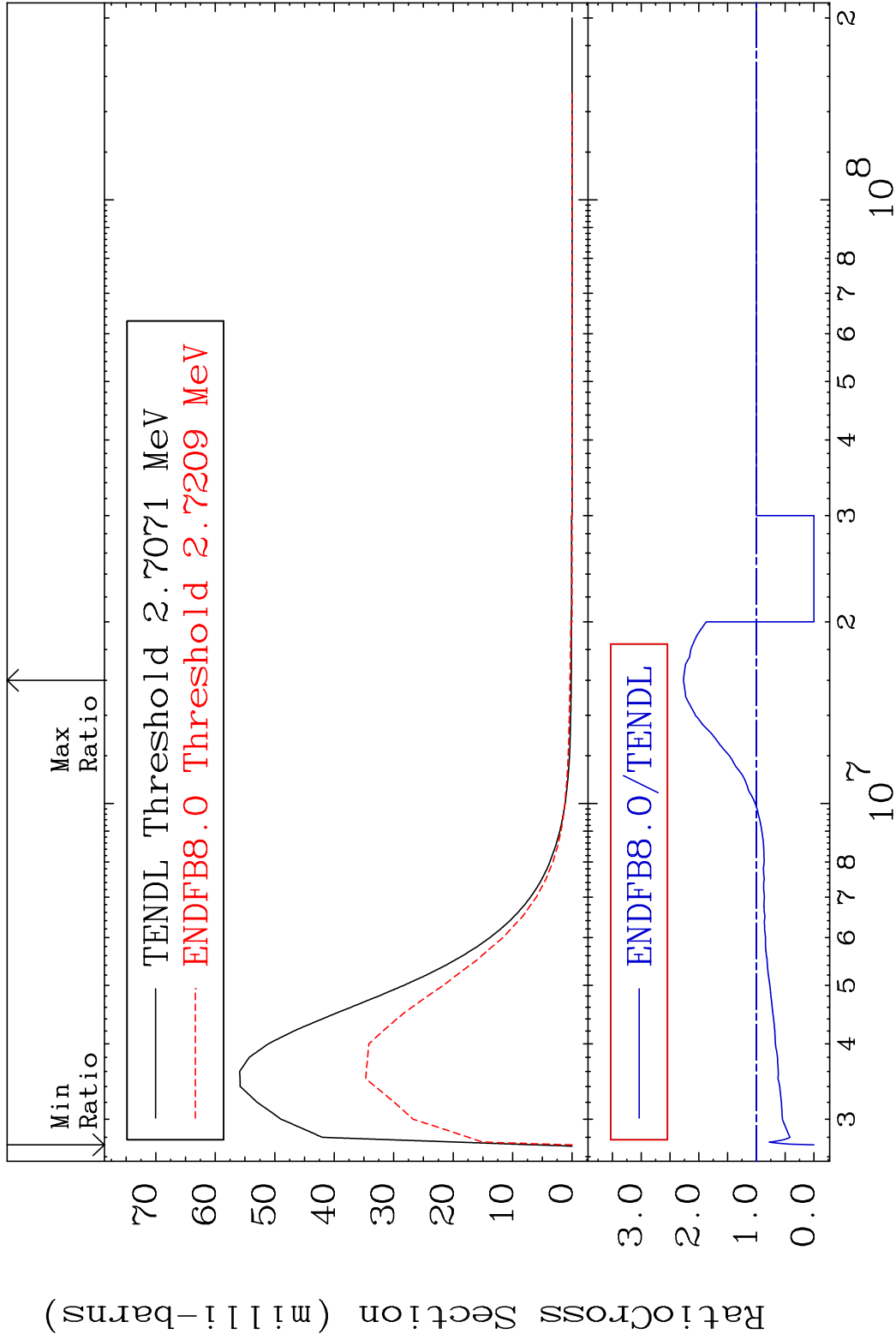
16 Incident Energy (eV) 24-Cr-53

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



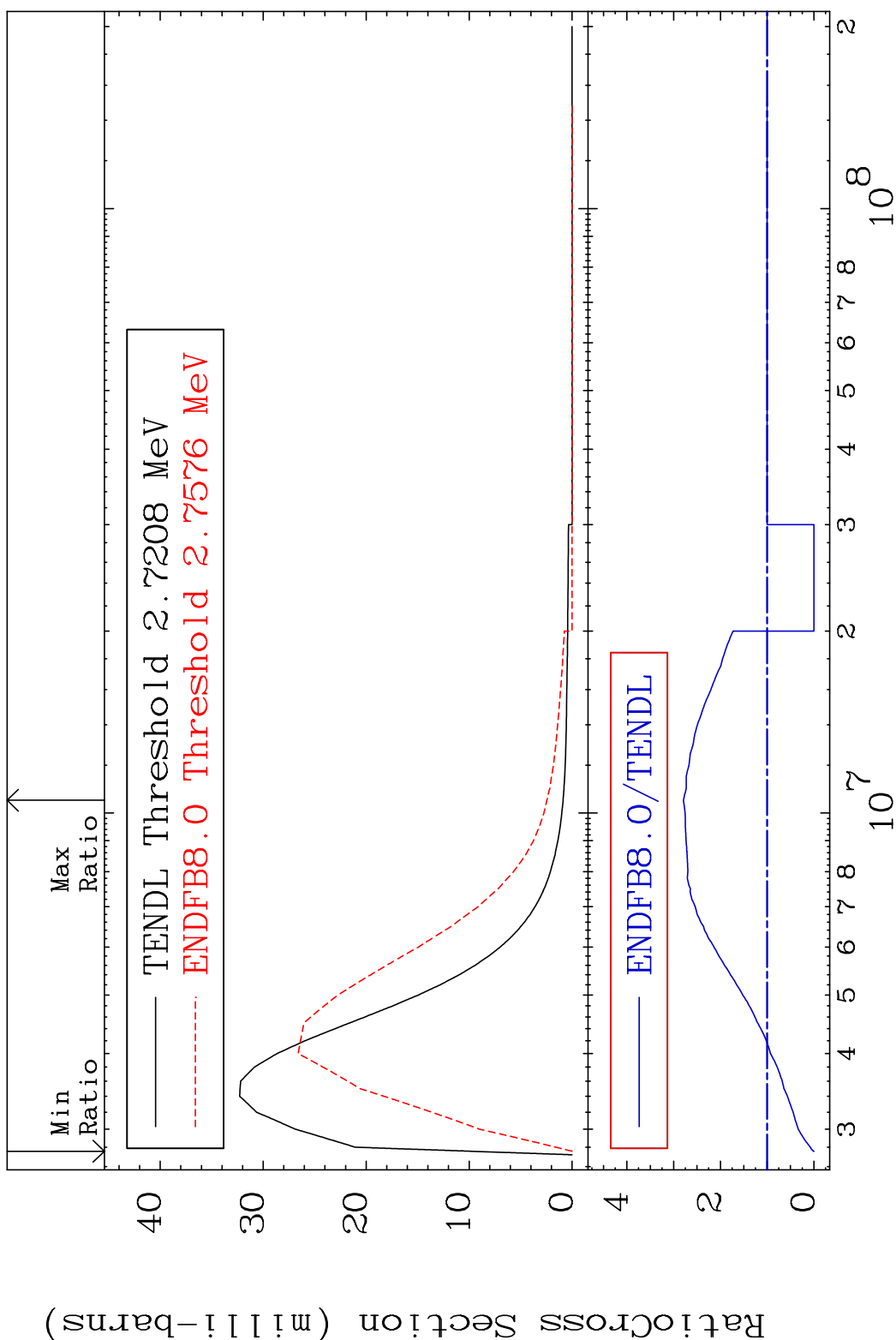
17 24-Cr-53

MAT 2434 MT= 61 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 126.7 %



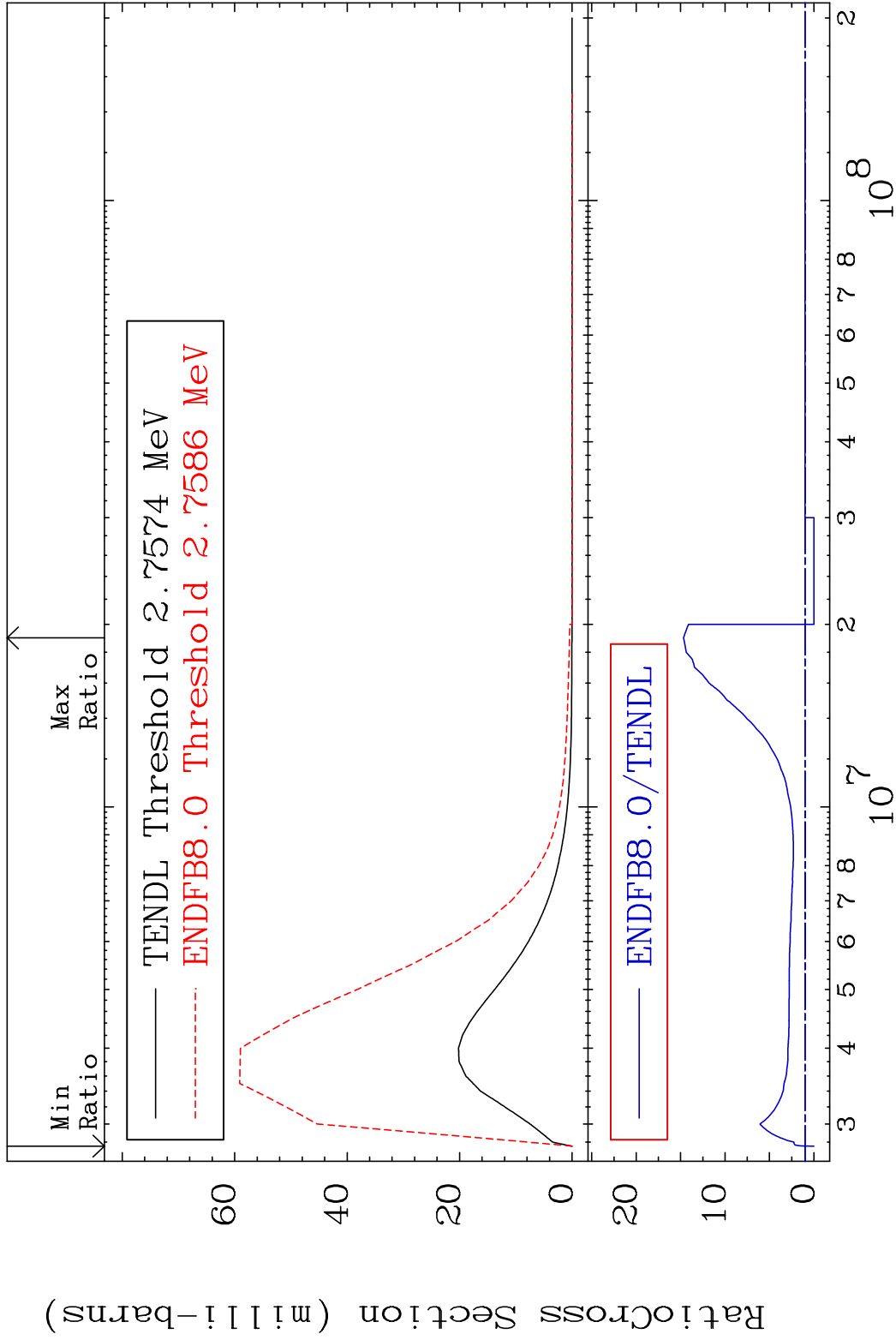
18 24-Cr-53

MAT 2434 MT= 62 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 179.0 %



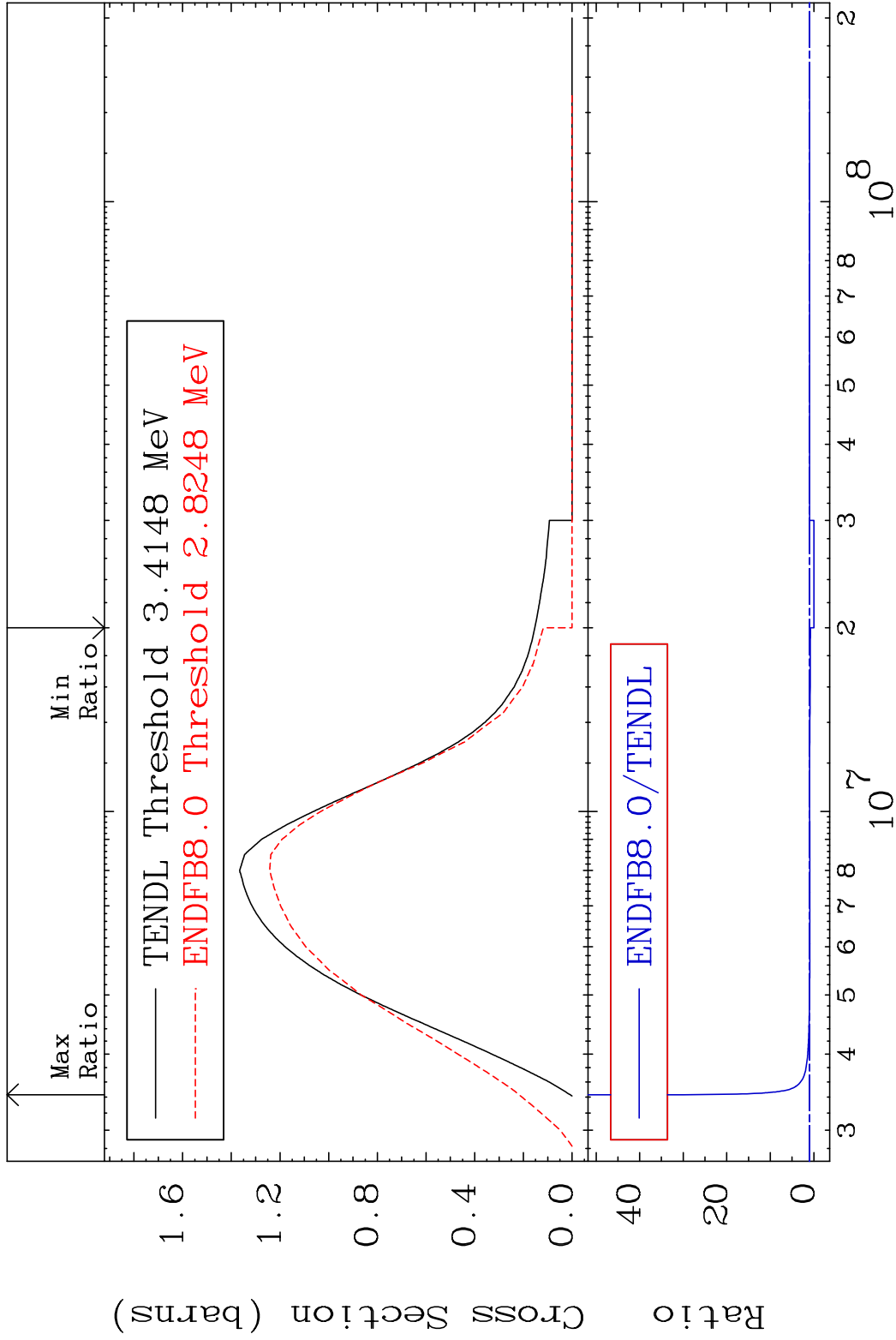
19 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 63 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1368. %



20 24-Cr-53

MAT 2434 (n, n') Continuum 24-Cr-53
 Cross Section -100.0 To 2895. %

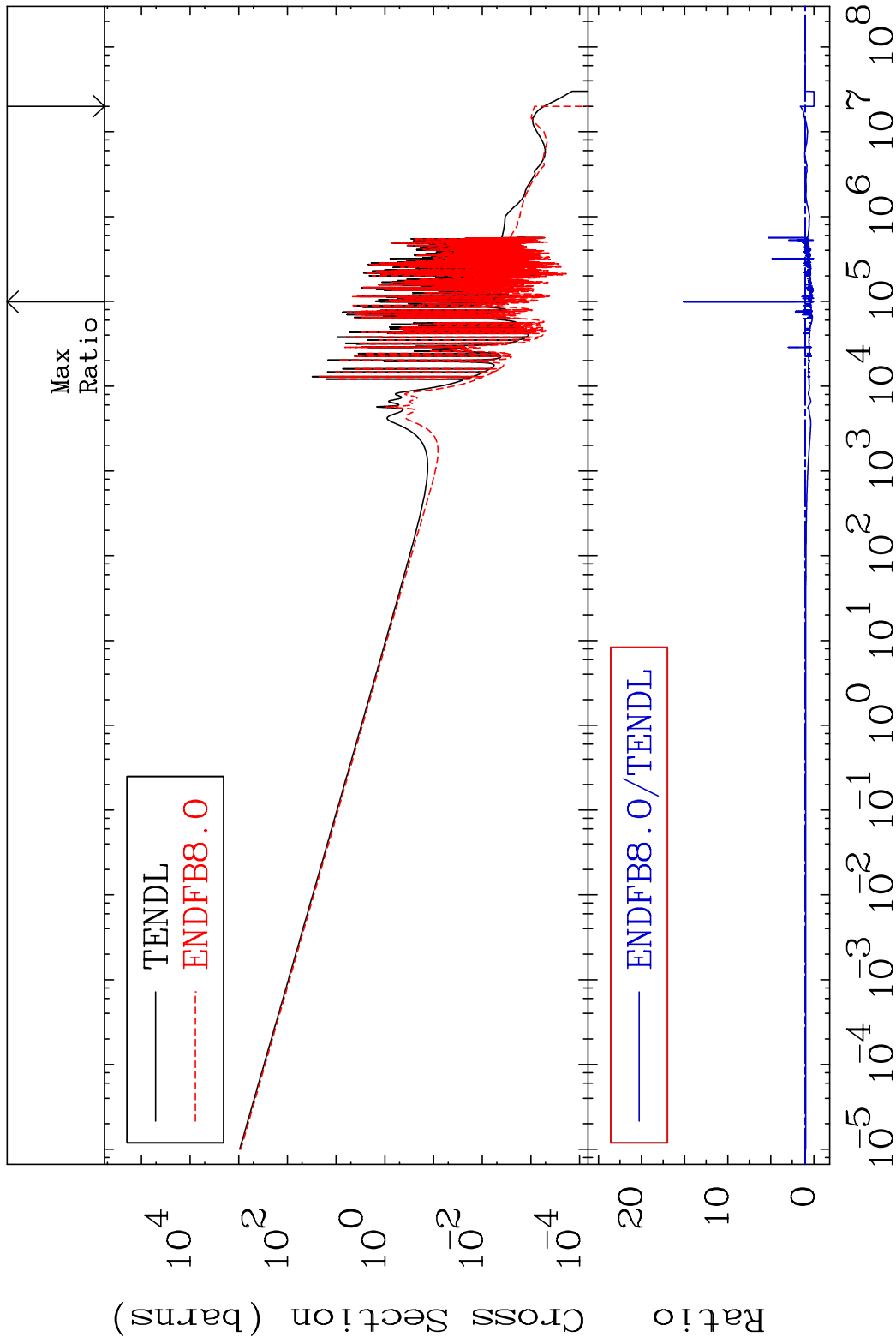


MAT 2434

(n, γ)

²⁴Cr-53

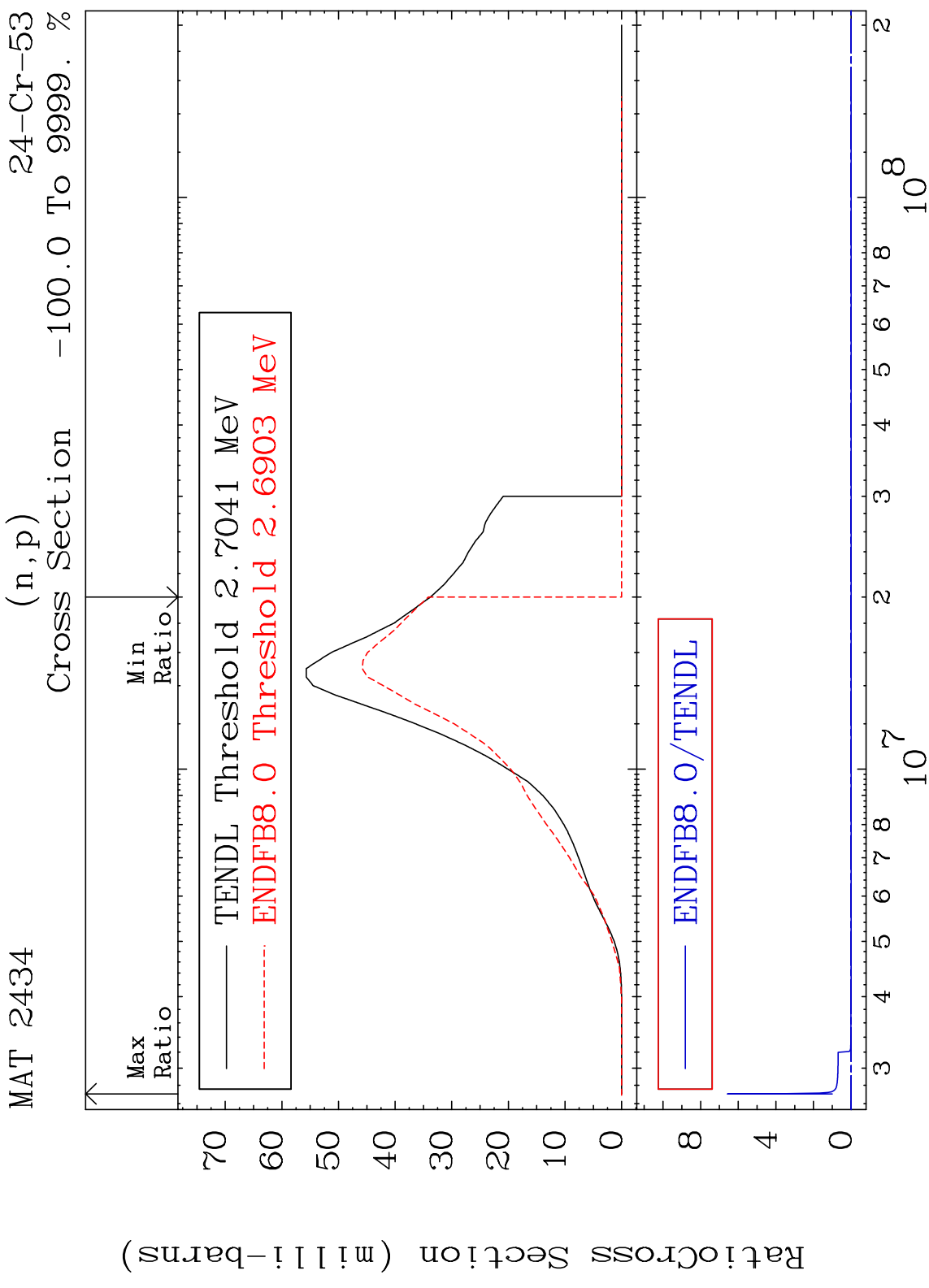
Cross Section -100.0 To 1414. %



22

Incident Energy (eV)

²⁴Cr-53

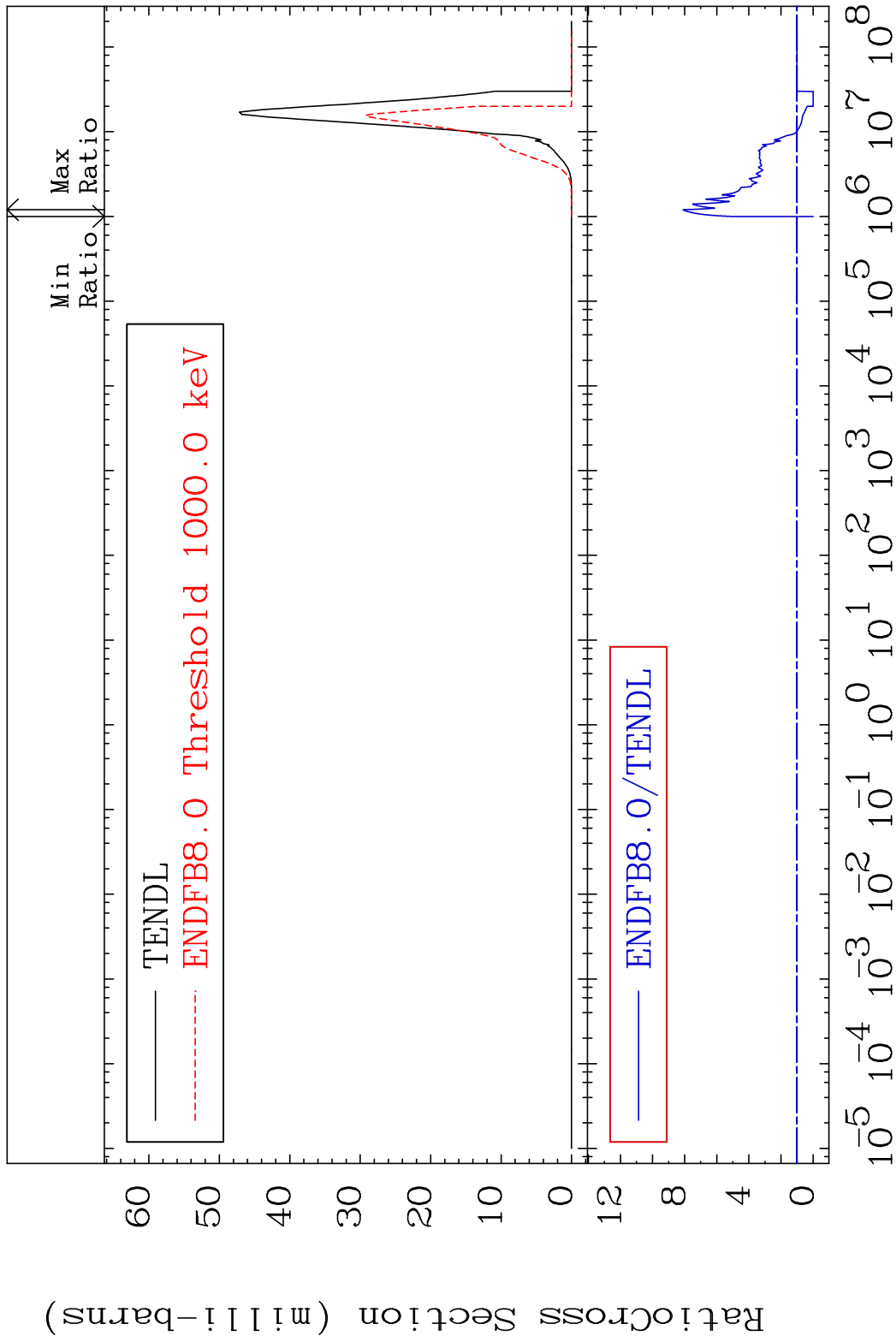


MAT 2434

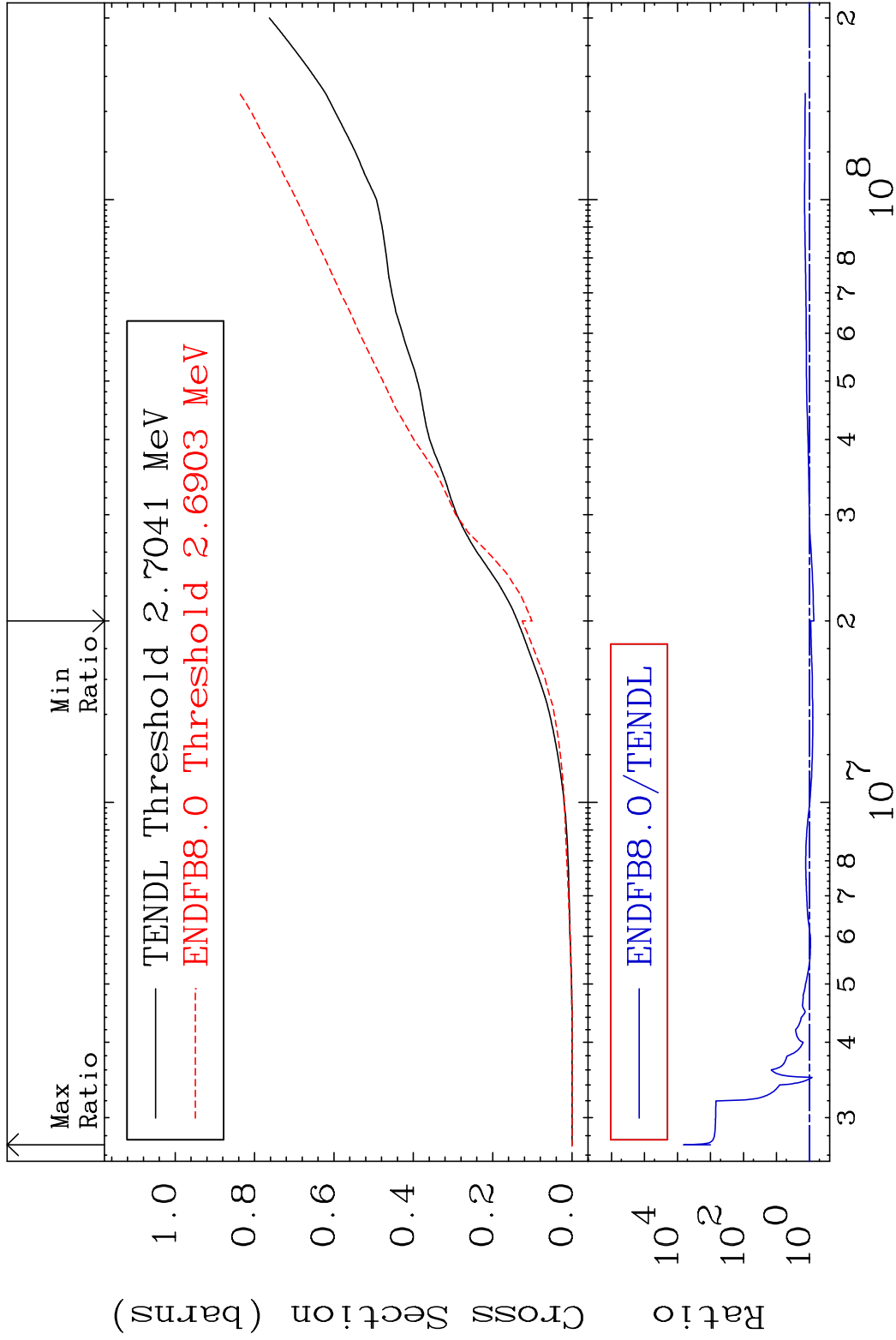
(n, α)

24-Cr-53

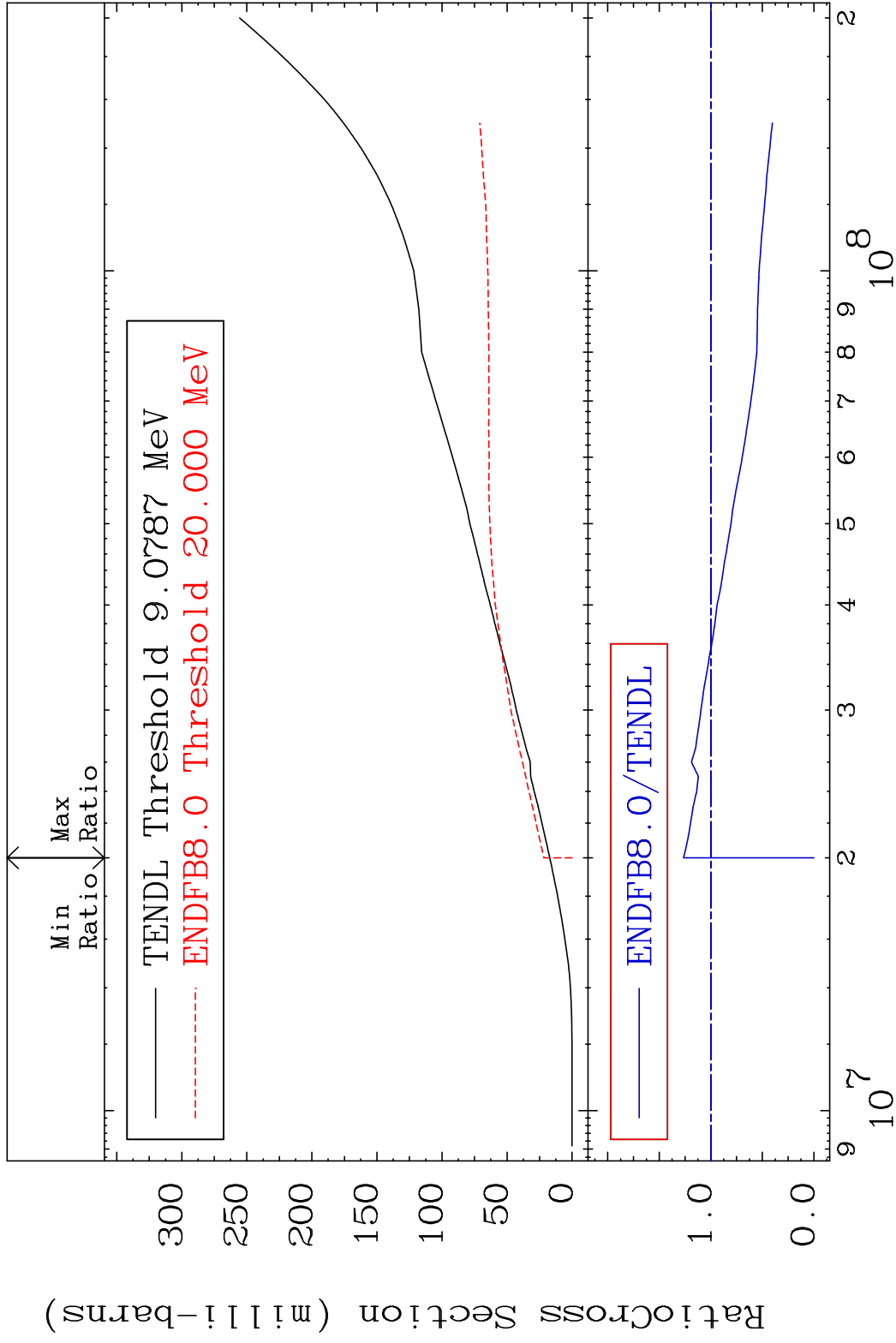
Cross Section -100.0 To 711.8 %



MAT 2434 Hydrogen Production 24-Cr-53
 Cross Section -26.56 To 9999. %

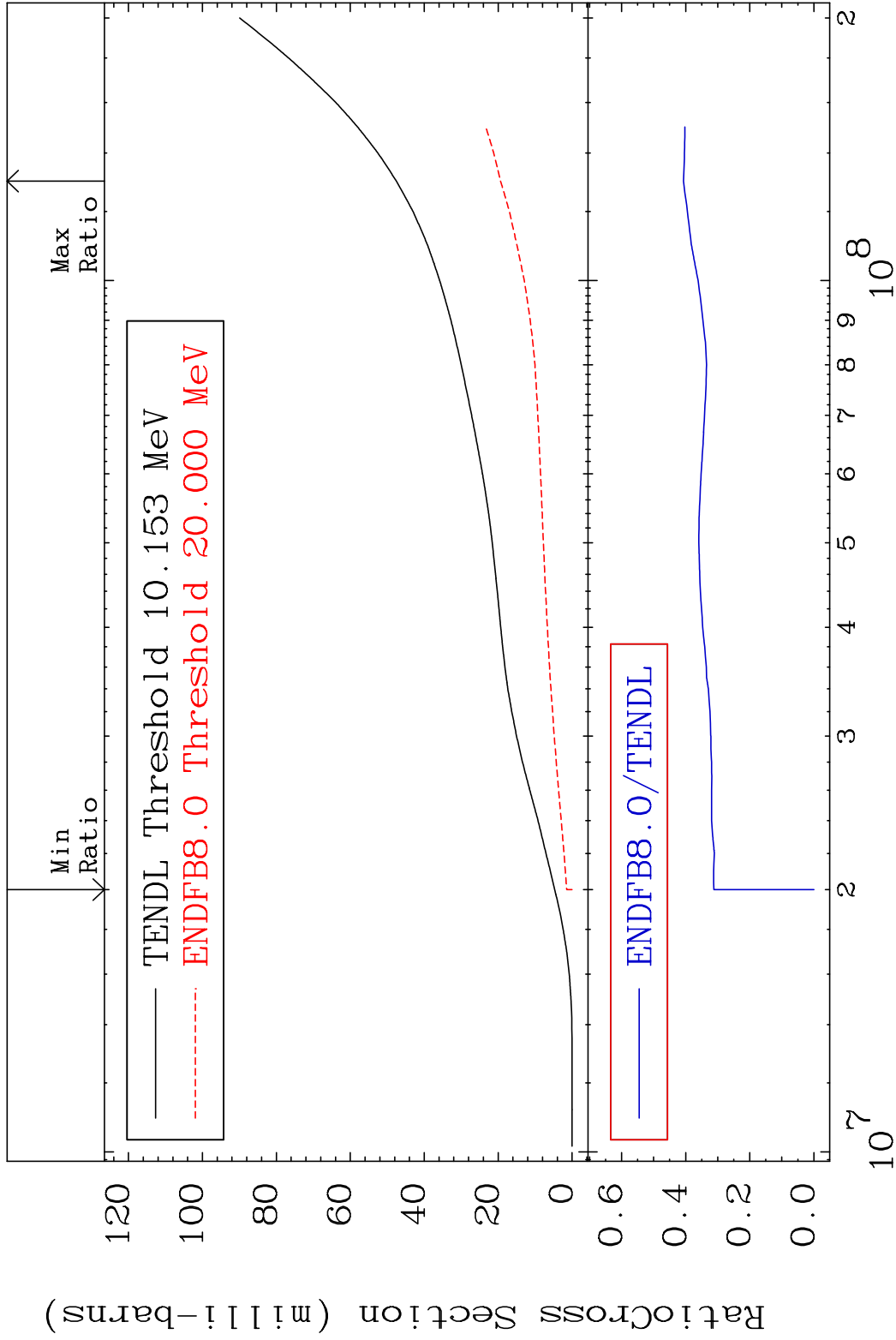


MAT 2434 Deuterium Production ²⁴Cr-53
 Cross Section -100.0 To 26.54 %



26 Incident Energy (eV) ²⁴Cr-53

MAT 2434 Tritium Production $^{24}\text{Cr-53}$
 Cross Section -100.0 To -59.30%



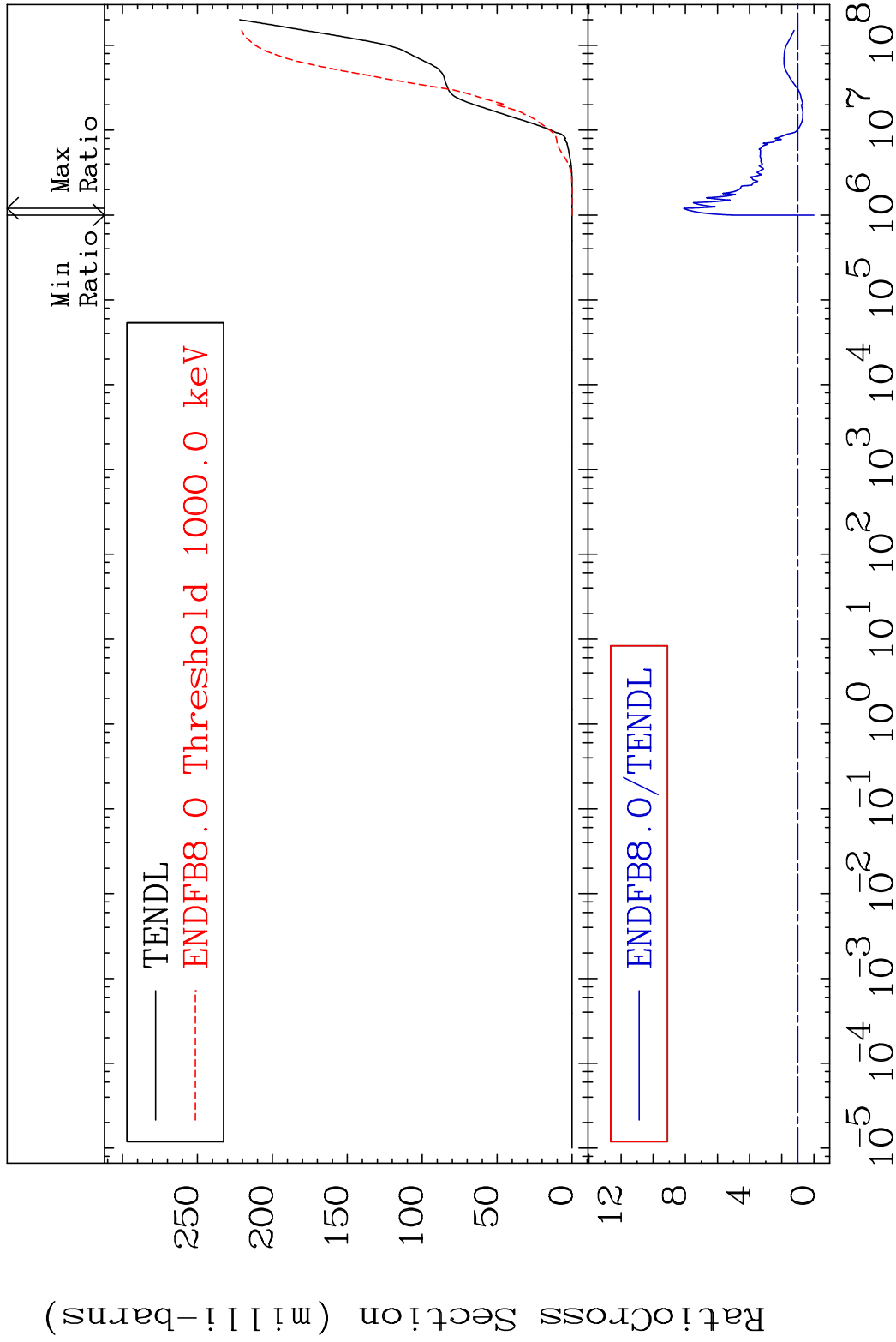
27 Incident Energy (eV) $^{24}\text{Cr-53}$

MAT 2434

He-4 Production

24-Cr-53

Cross Section -100.0 To 711.8 %

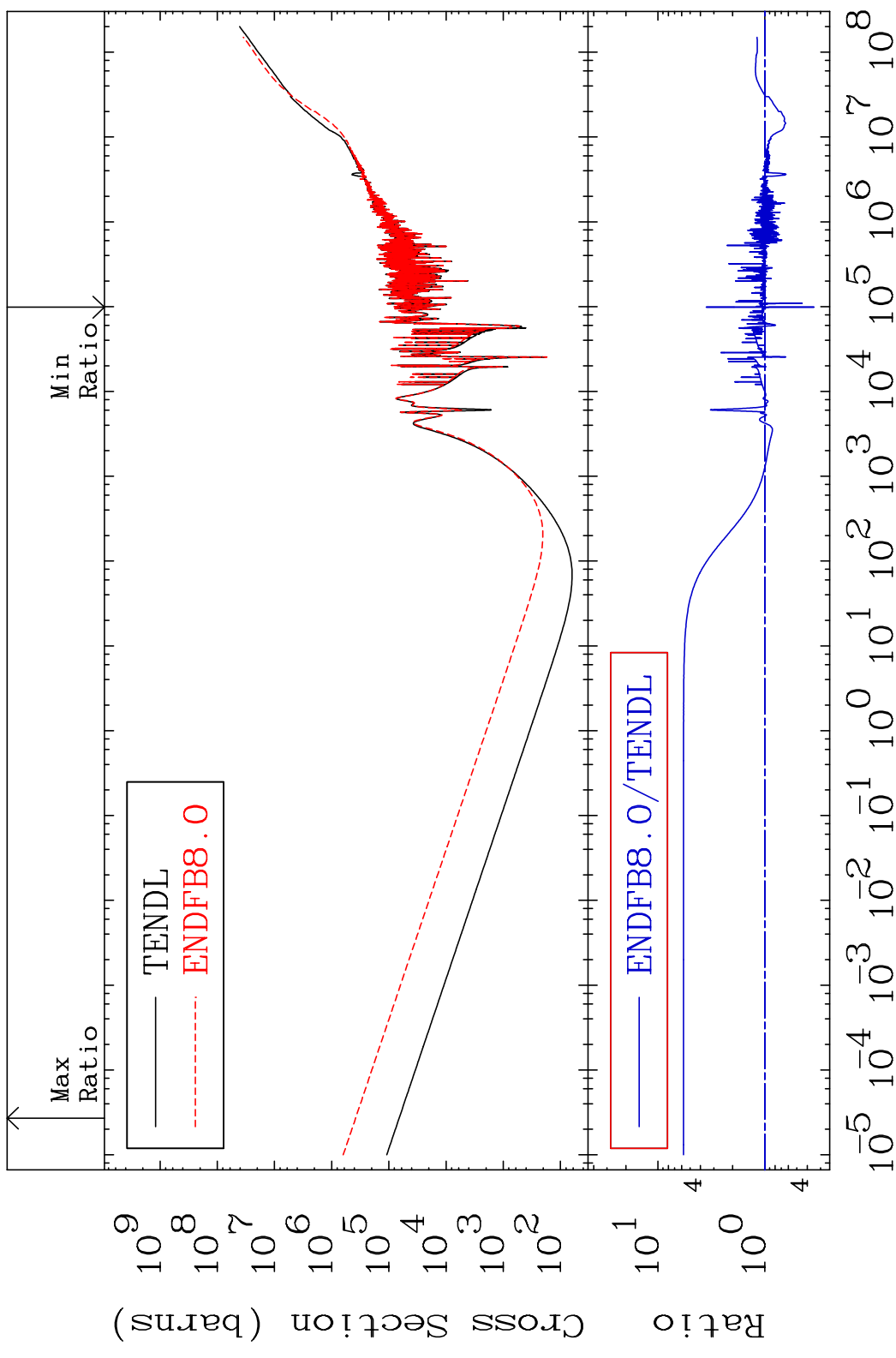


28

Incident Energy (eV)

24-Cr-53

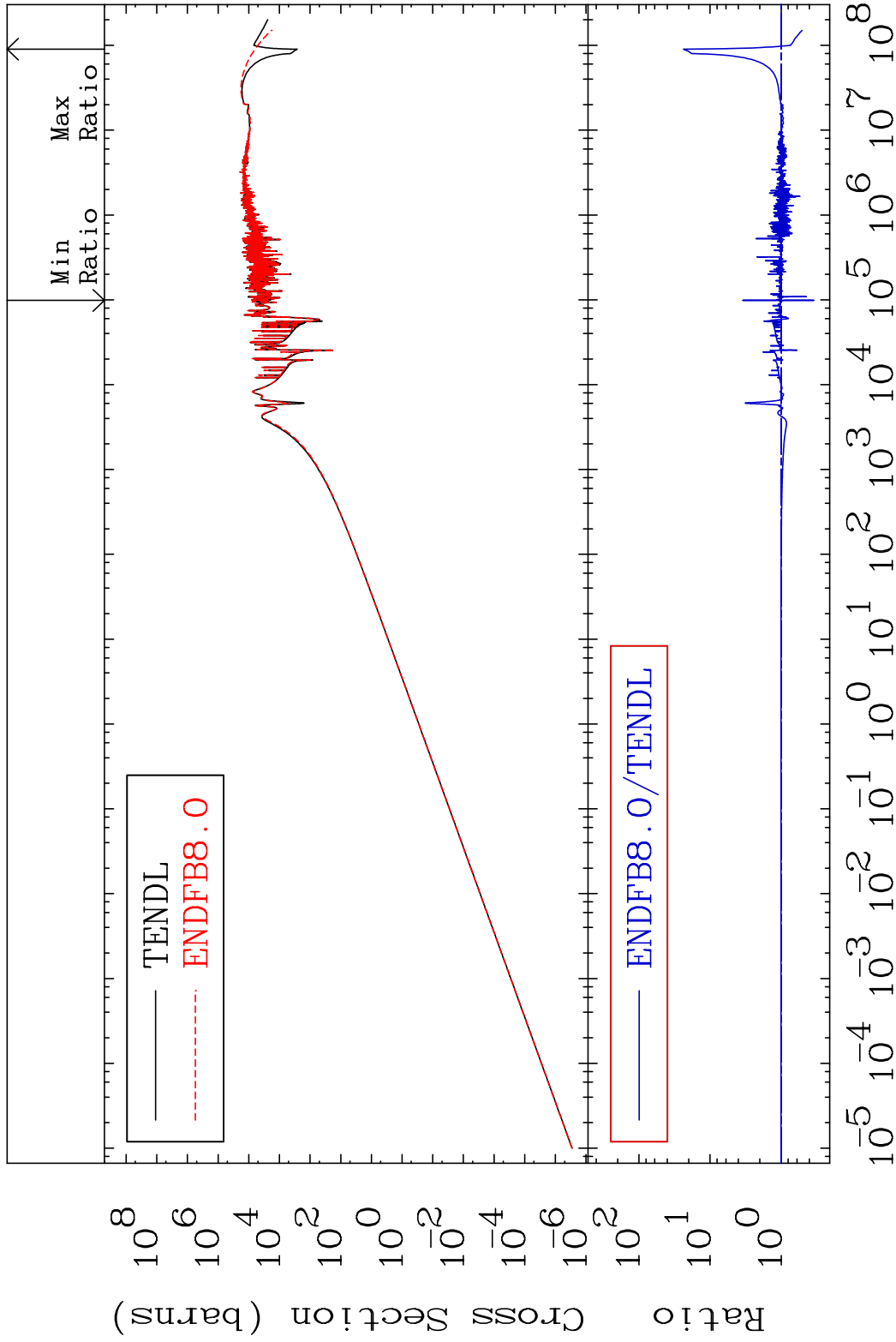
MAT 2434 Kerma total (eV-barns) 24-Cr-53
 Cross Section -65.34 To 477.5 %



MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-65.35 To 2271. %

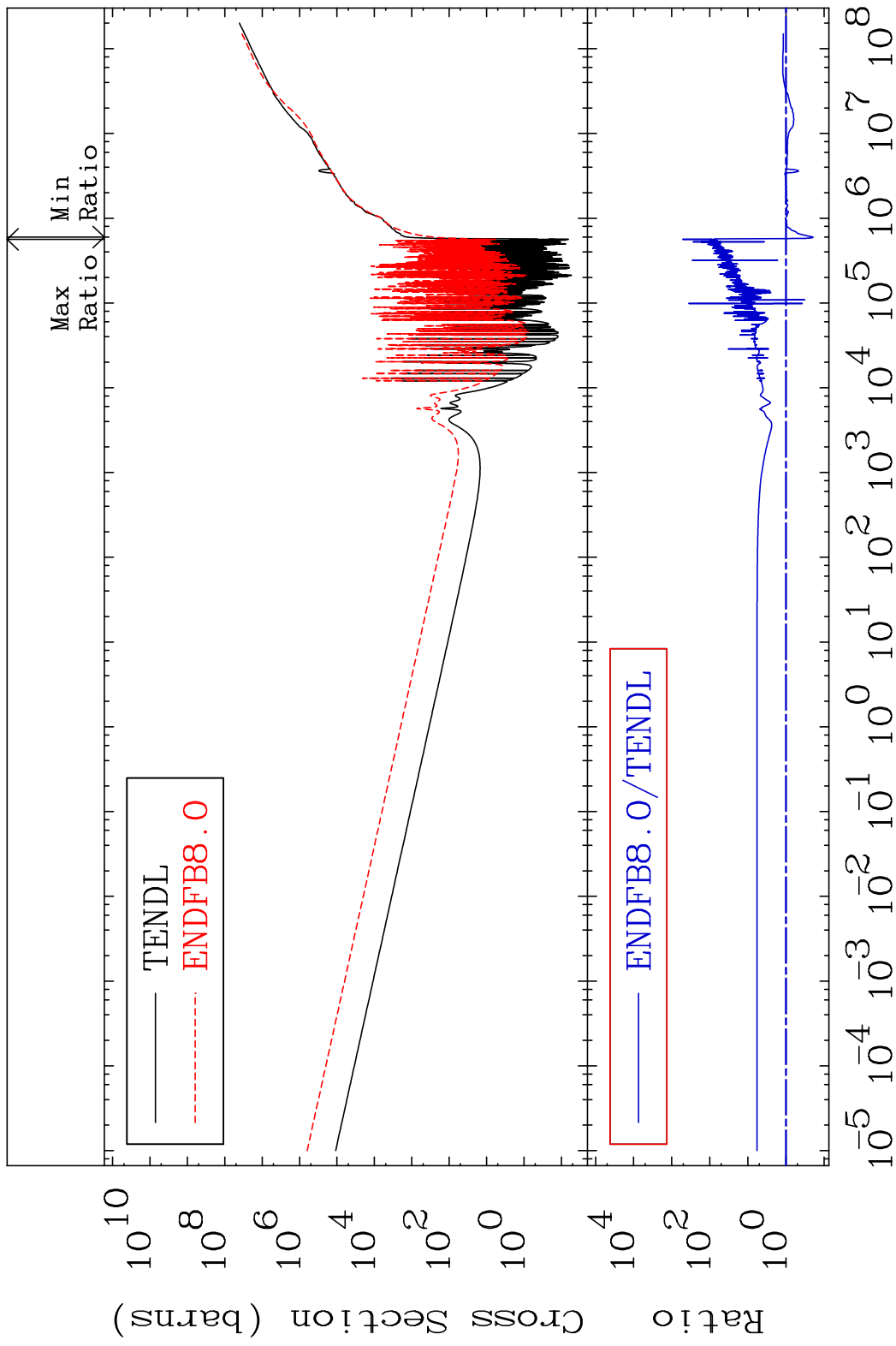


30

Incident Energy (eV)

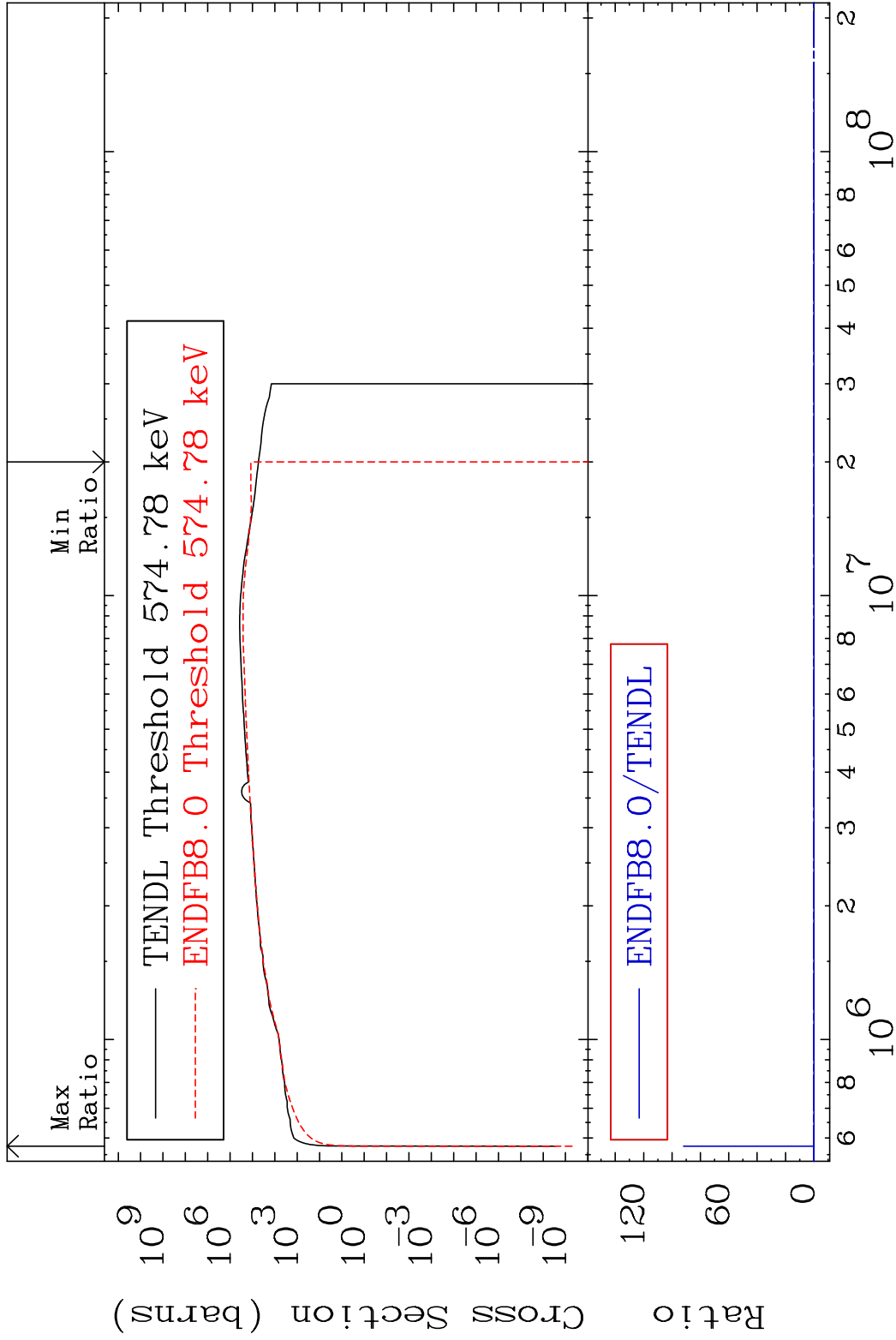
24-Cr-53

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



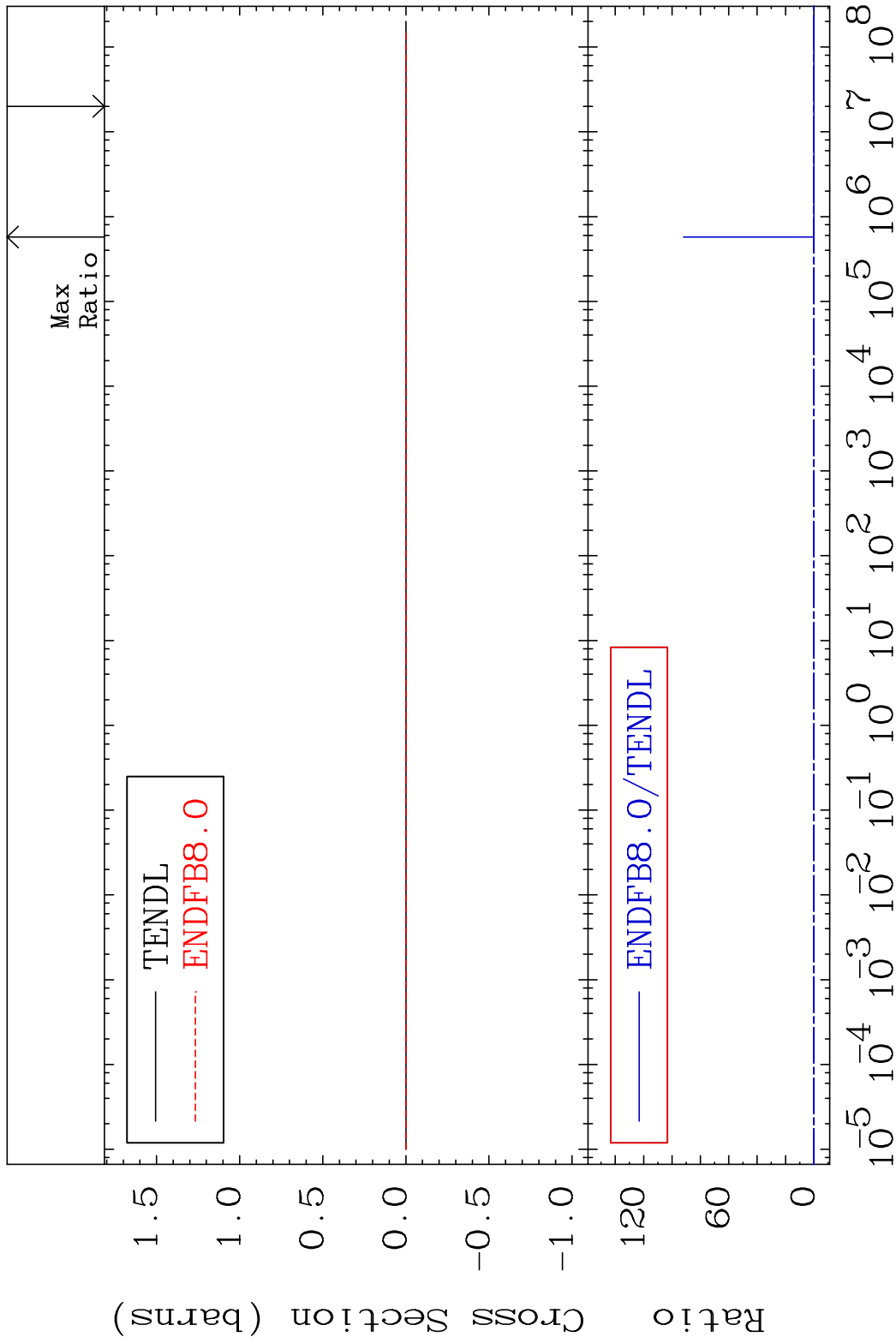
31 Incident Energy (eV) 24-Cr-53

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

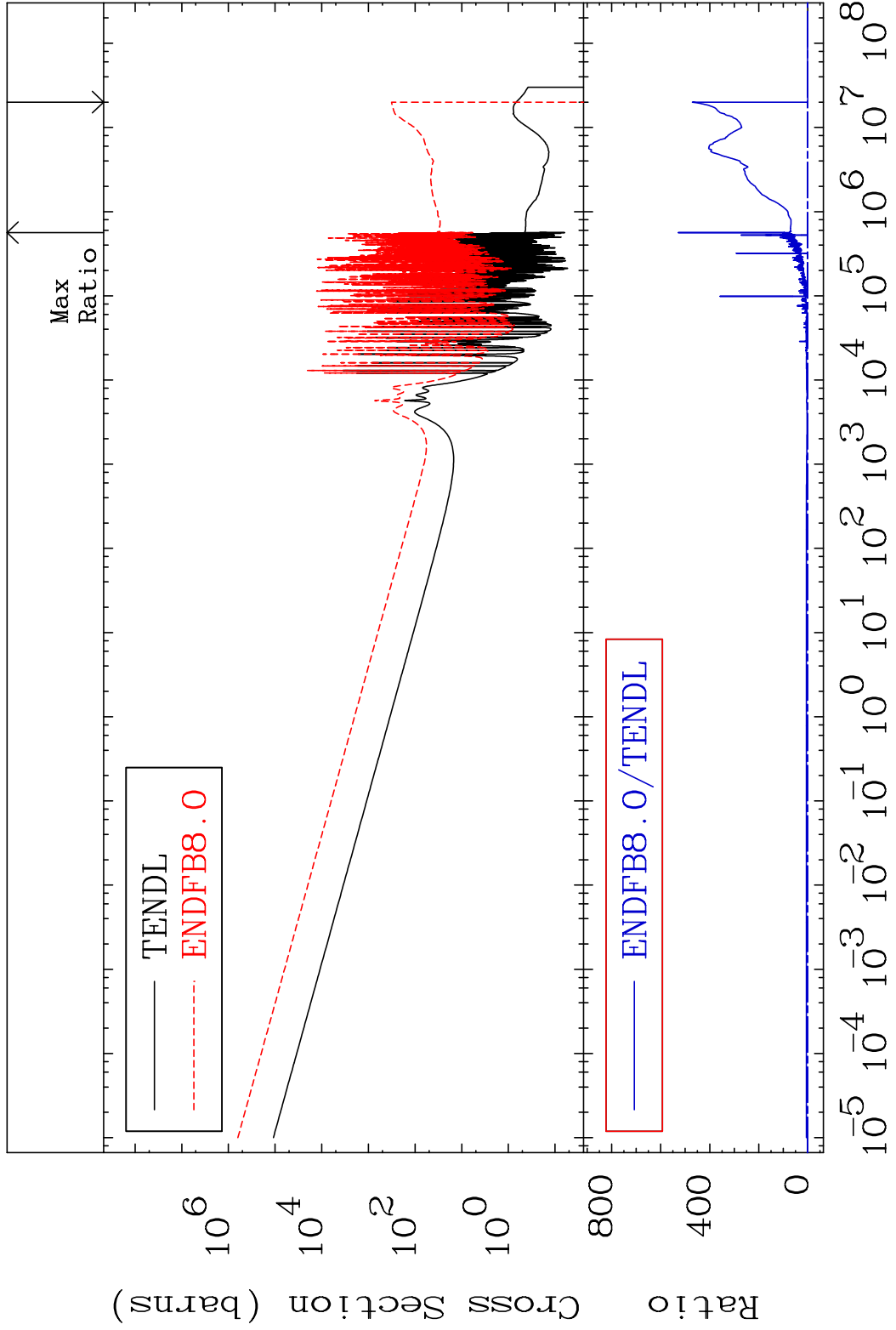


32 Incident Energy (eV) 24-Cr-53

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

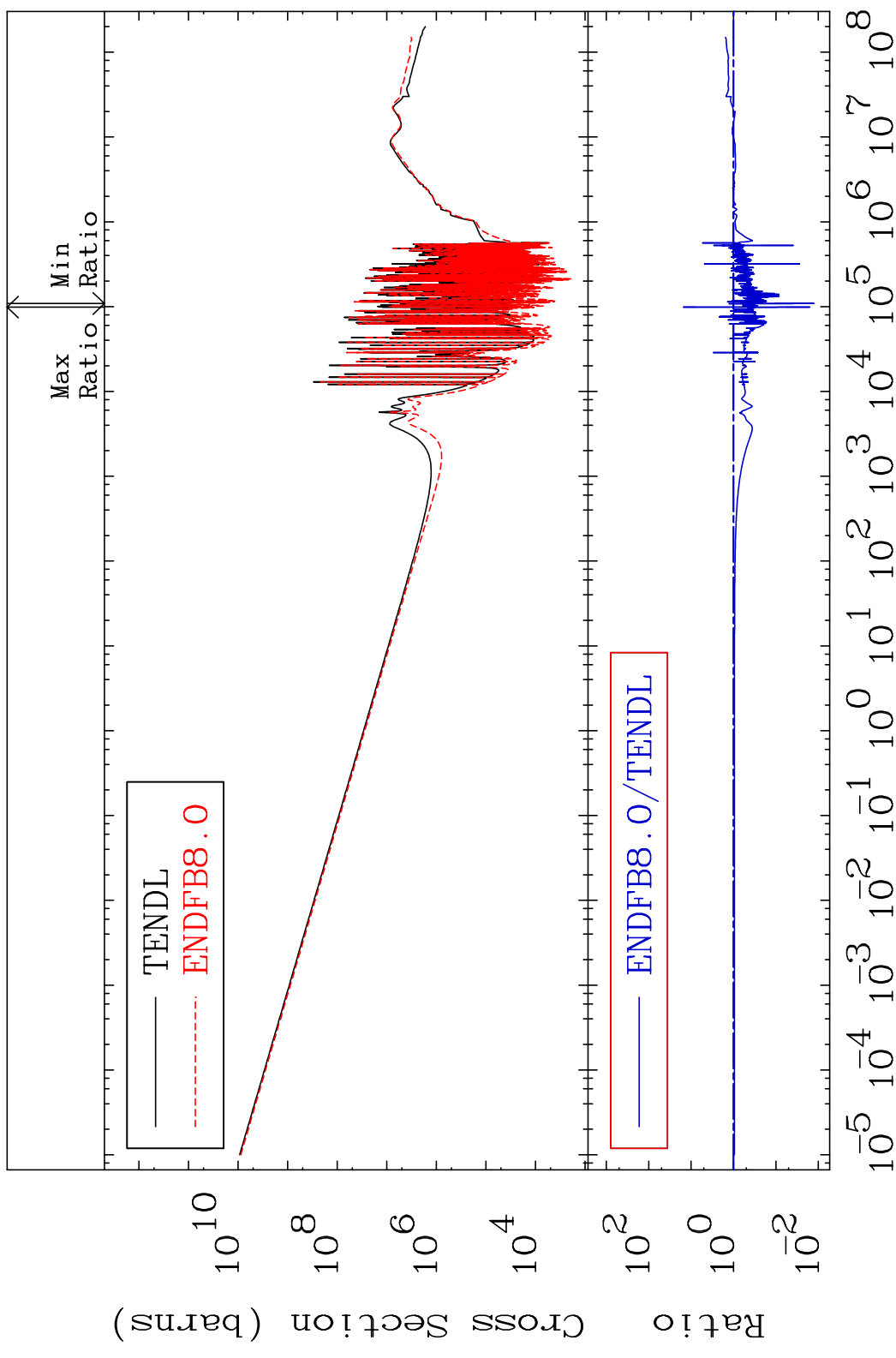


MAT 2434 Kerma capture (mt102) ²⁴Cr-53
 Cross Section -100.0 To 9999. %



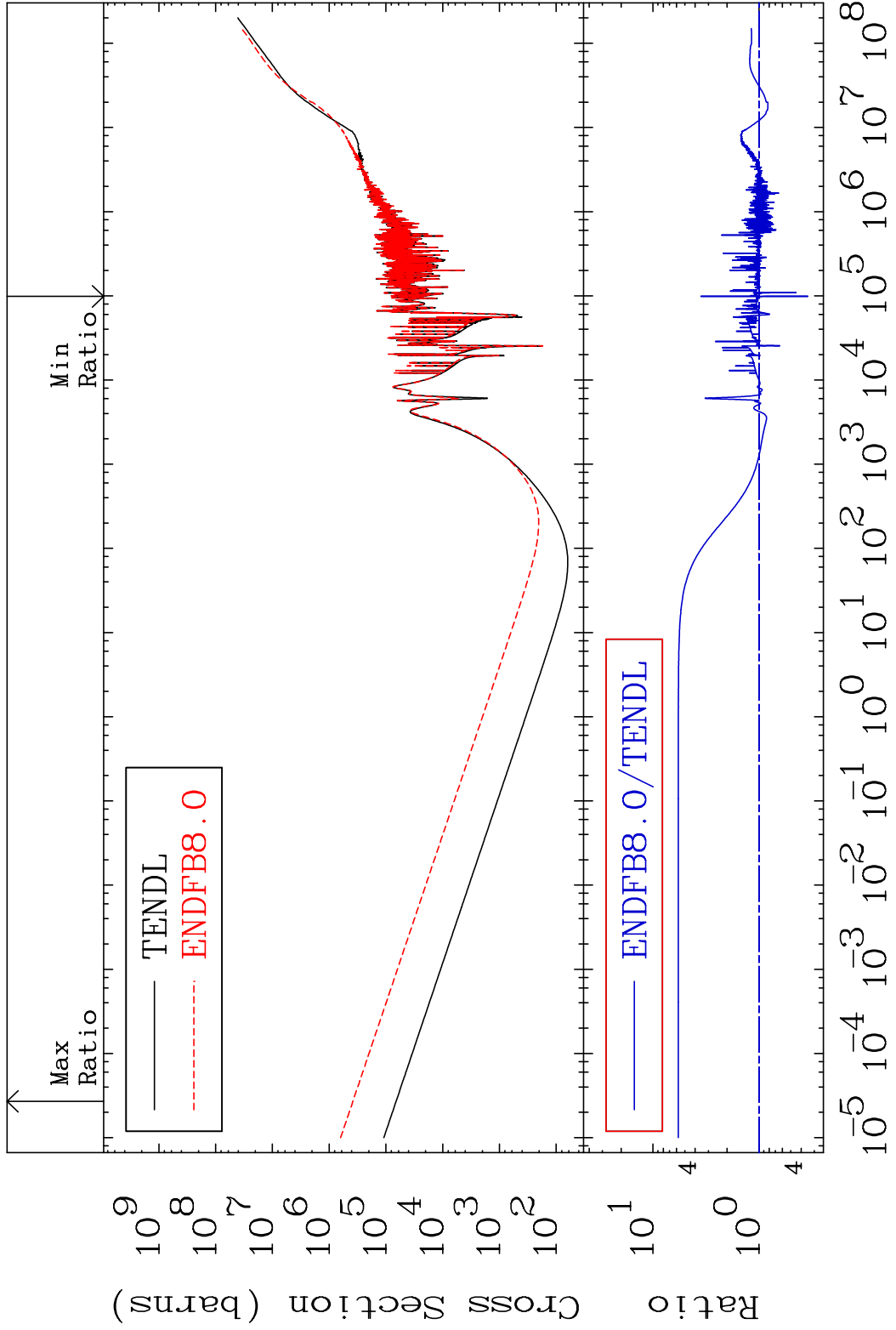
34 Incident Energy (eV) ²⁴Cr-53

MAT 2434 Total photon (eV-barns) 24-Cr-53
 Cross Section -98.73 To 1414. %



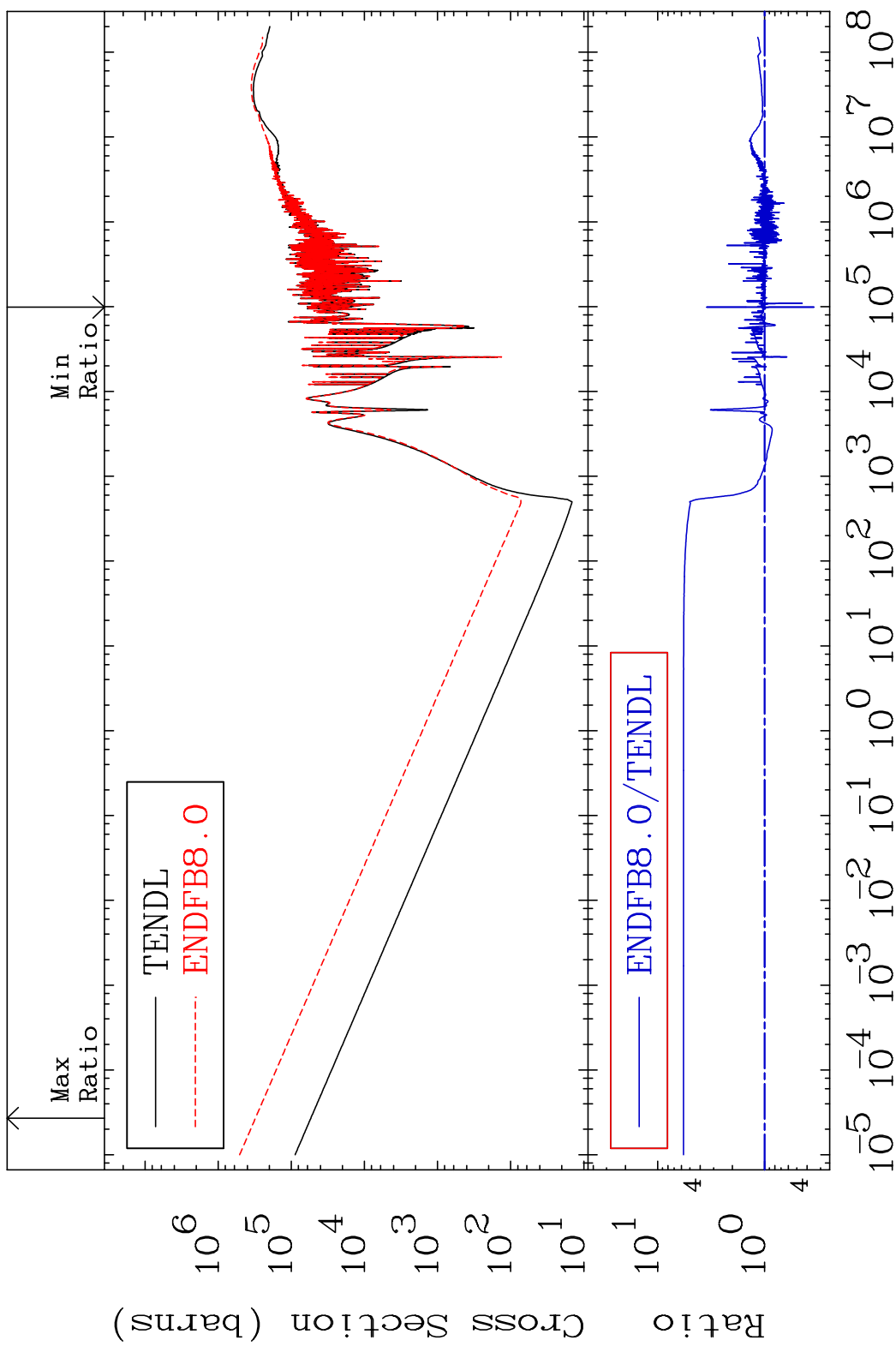
35 Incident Energy (eV) 24-Cr-53

MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
 Cross Section -65.34 To 477.5 %



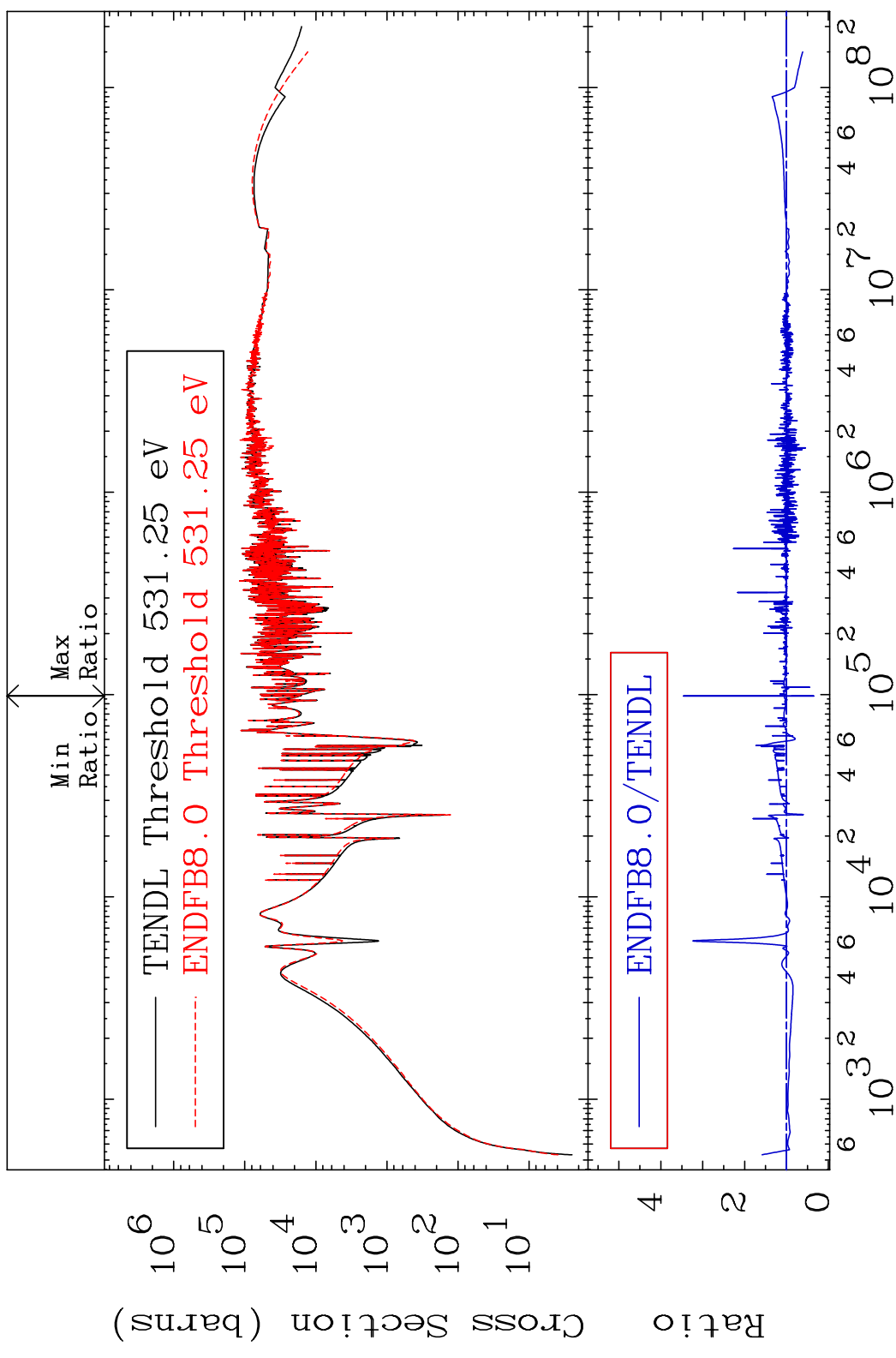
36 Incident Energy (eV) 24-Cr-53

MAT 2434 Dpa total (eV-barns) 24-Cr-53
 Cross Section -65.40 To 473.3 %



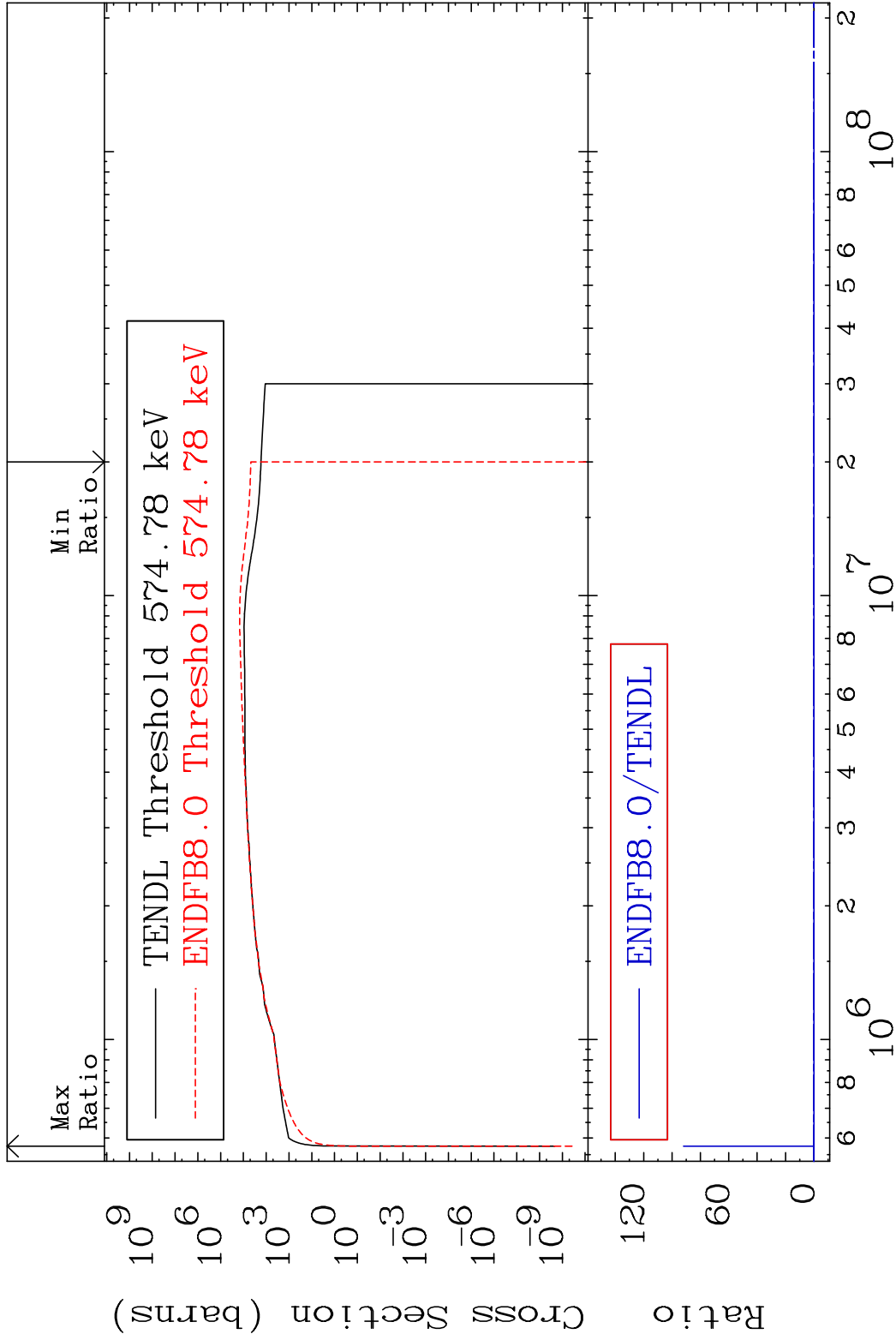
37 Incident Energy (eV) 24-Cr-53

MAT 2434 Dpa elastic (mt2) 24-Cr-53
 Cross Section -65.35 To 246.0 %



38 Incident Energy (eV) 24-Cr-53

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



39 Incident Energy (eV) 24-Cr-53

