

Program Complot
(Version 2018-1)

by

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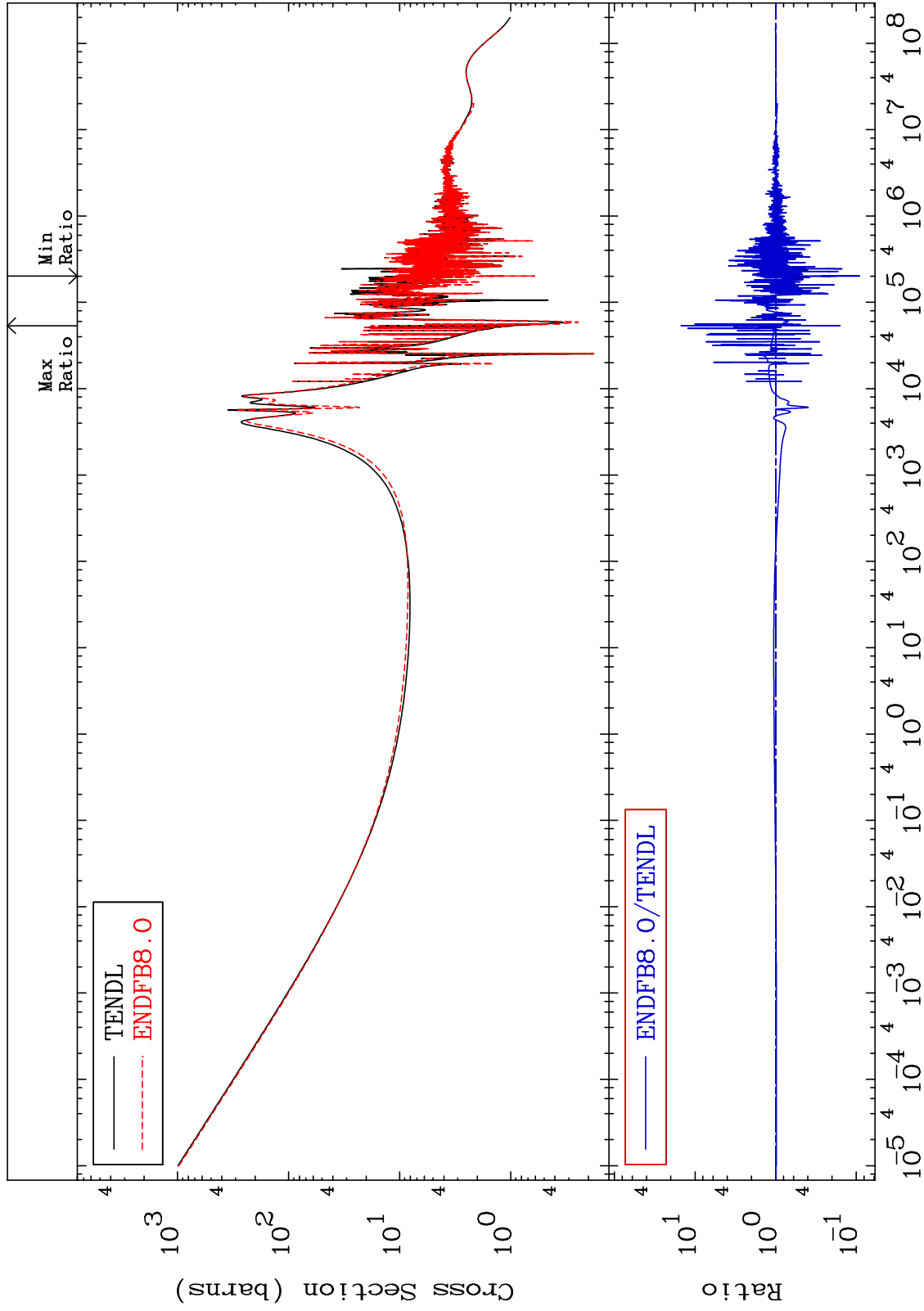
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2434

Total
Cross Section

24-Cr-53
-90.94 To 1384. %



1

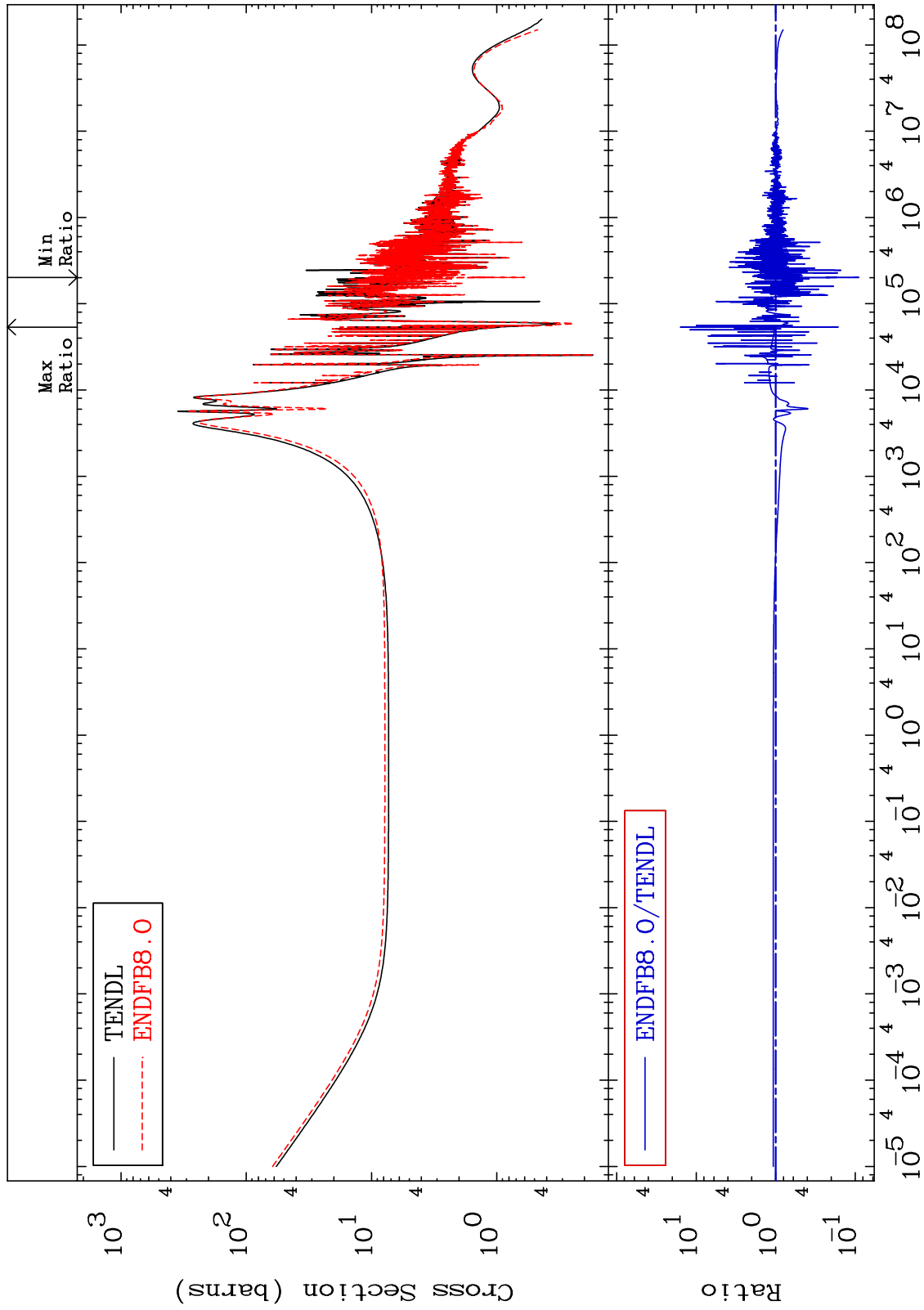
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic
Cross Section

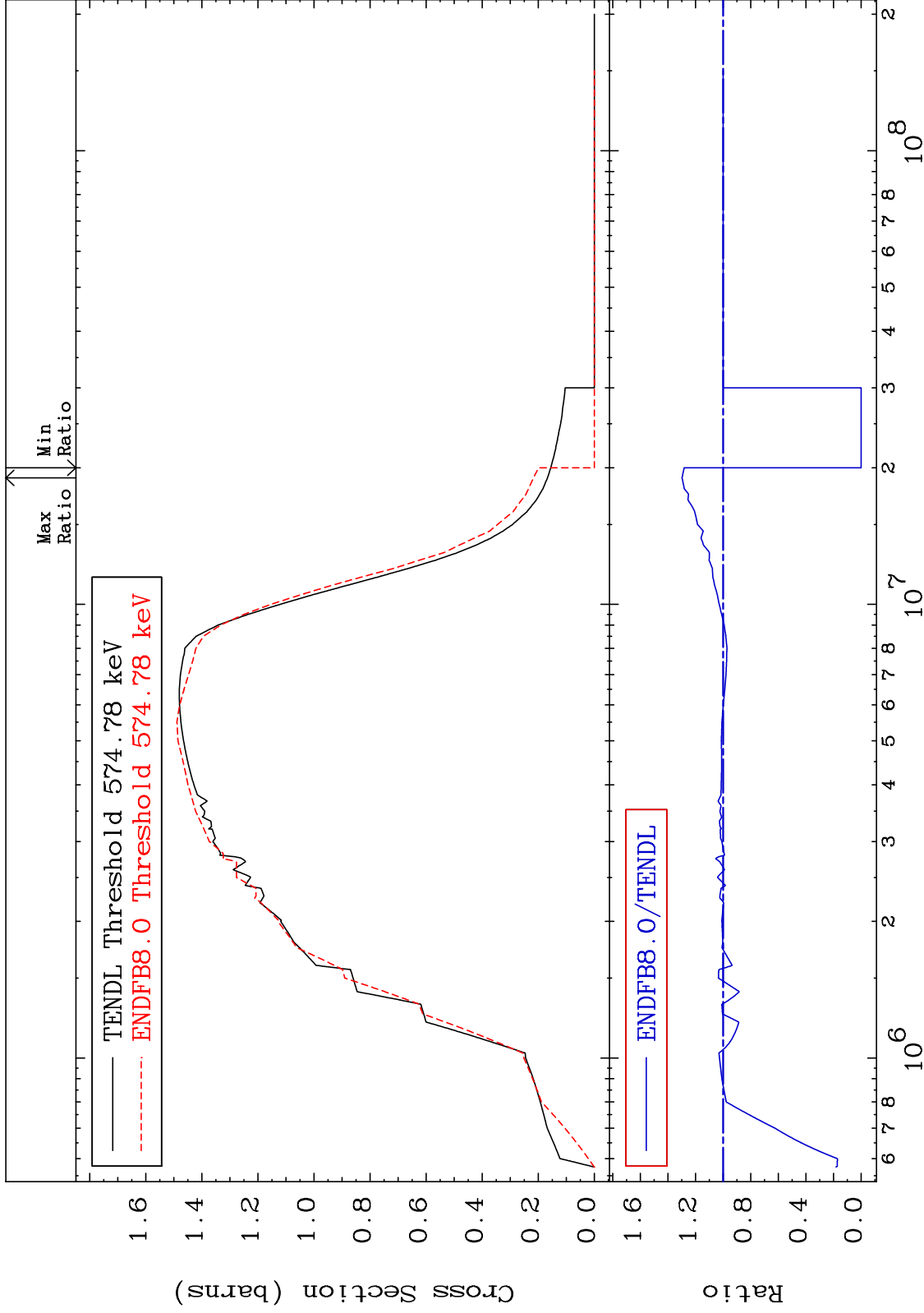
24-Cr-53
-91.04 To 1470. %



MAT 2434

Inelastic
Cross Section

24-Cr-53
-100.0 To 29.84 %

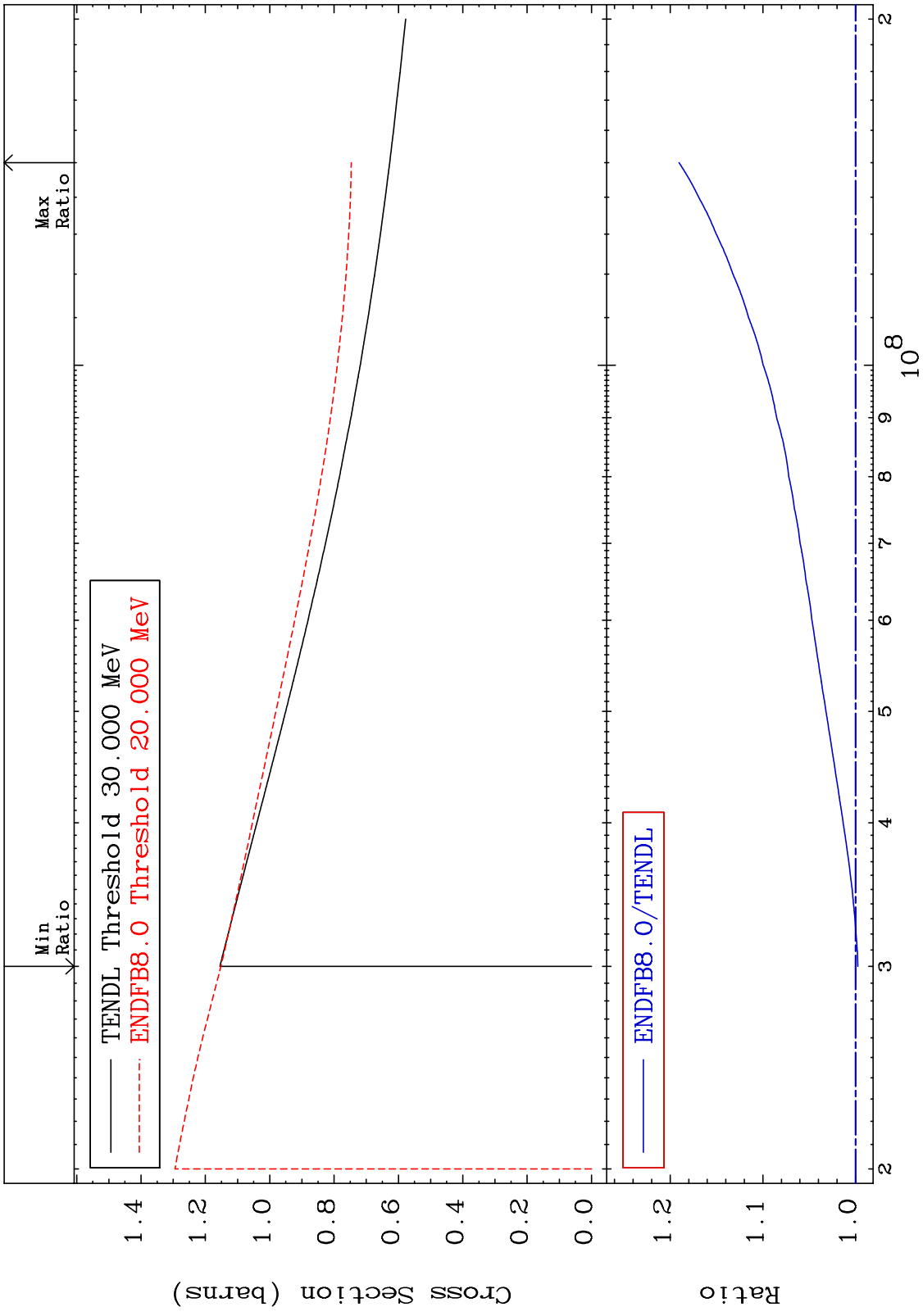


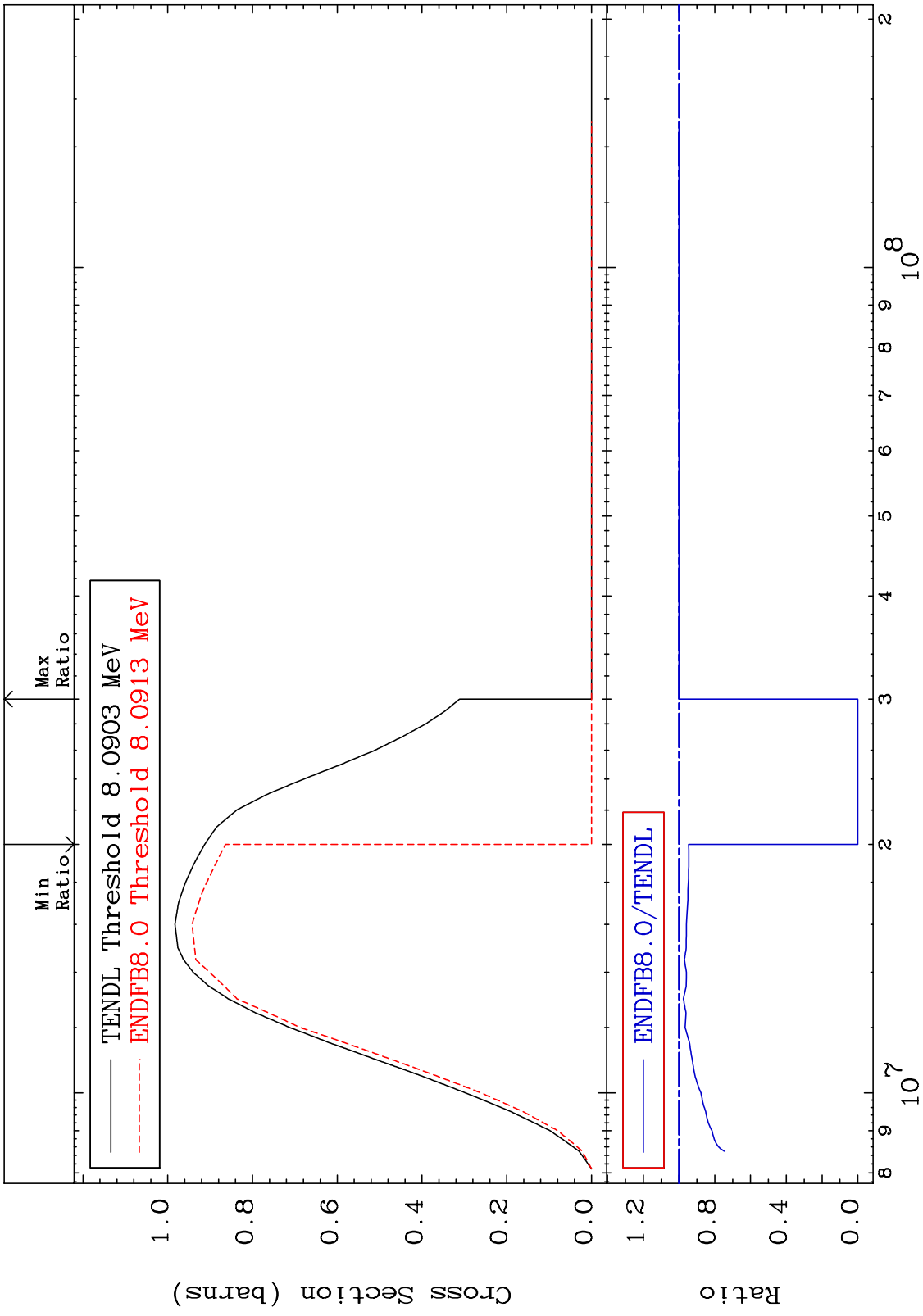
3

Incident Energy (eV)

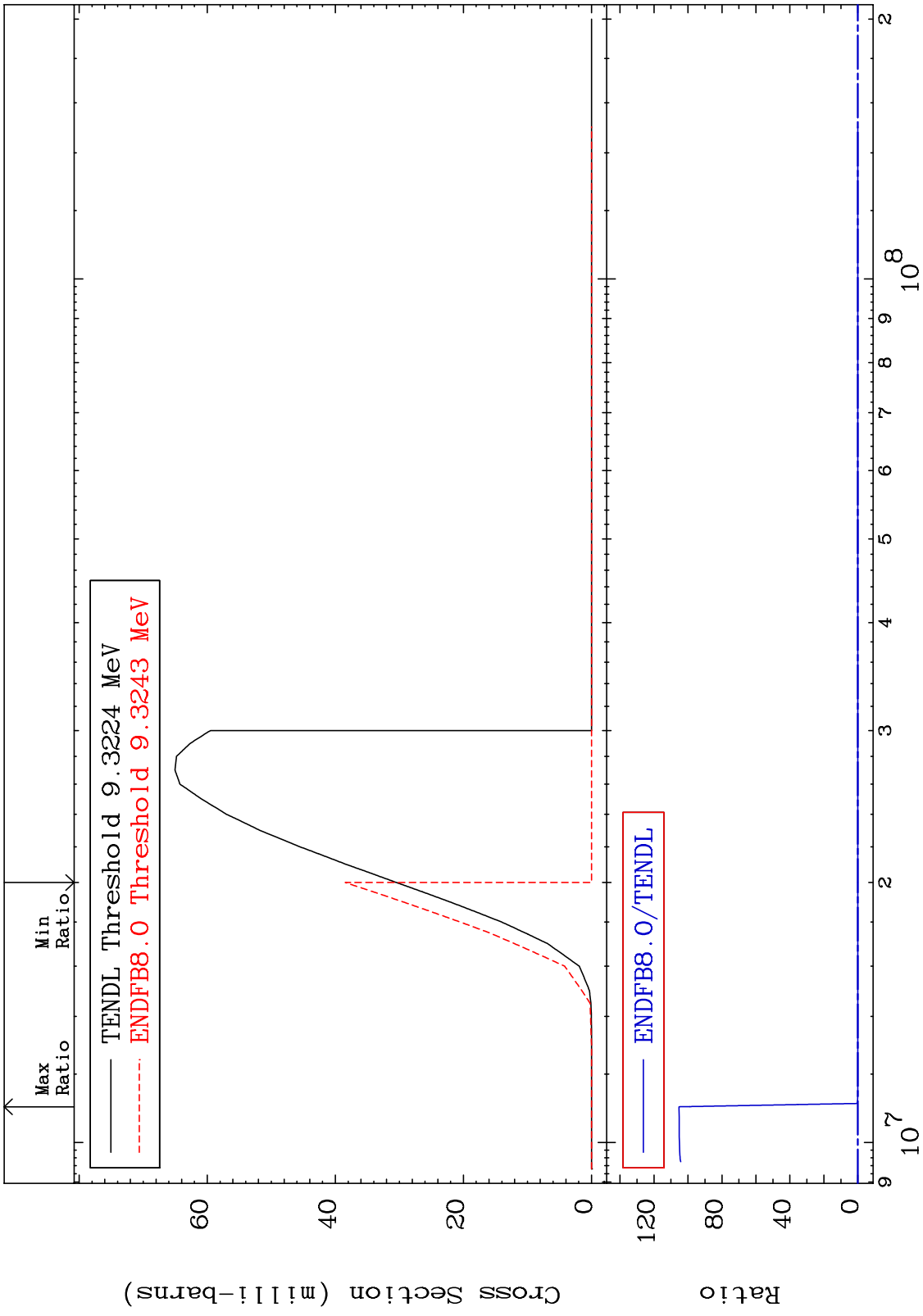
24-Cr-53

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

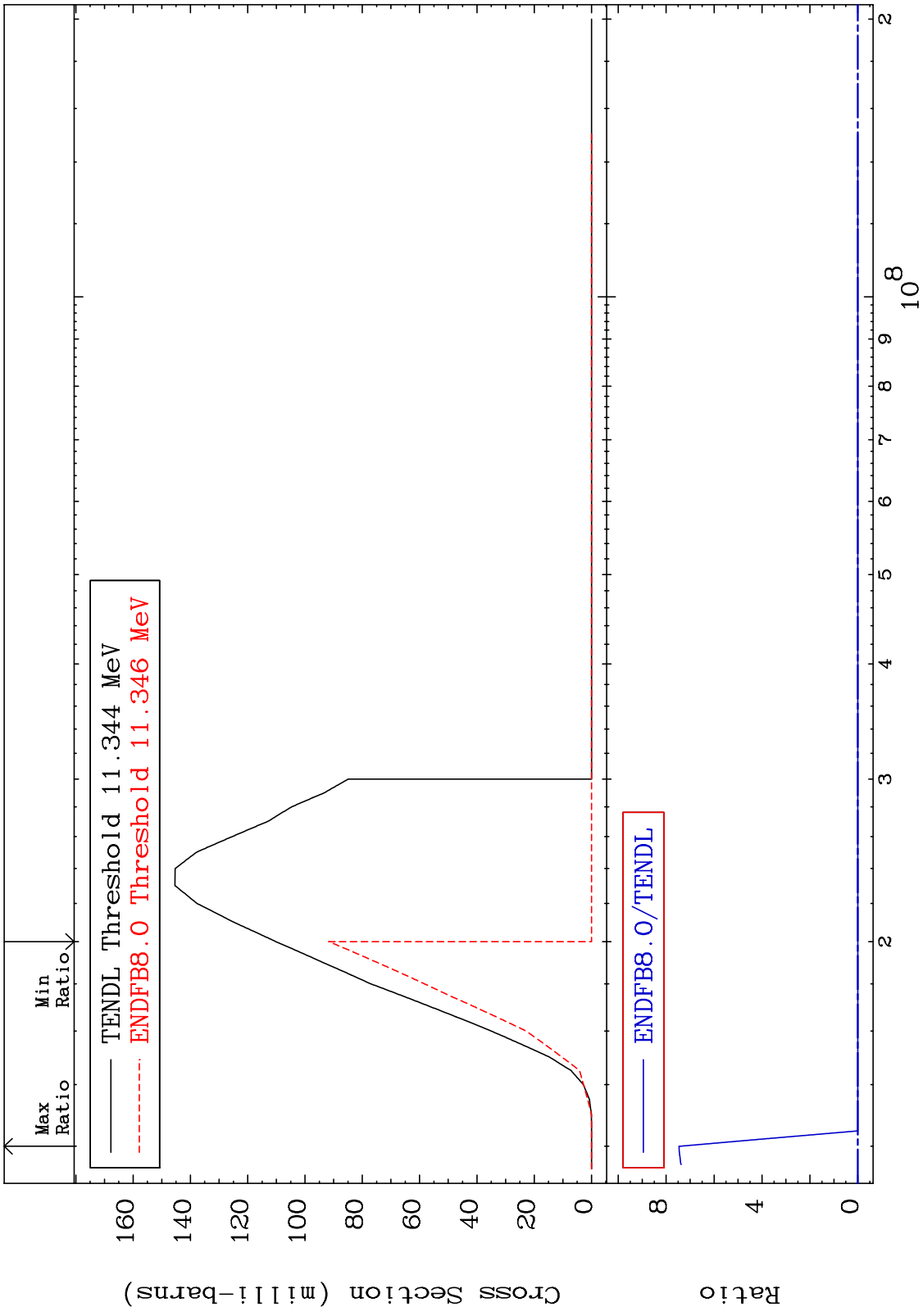




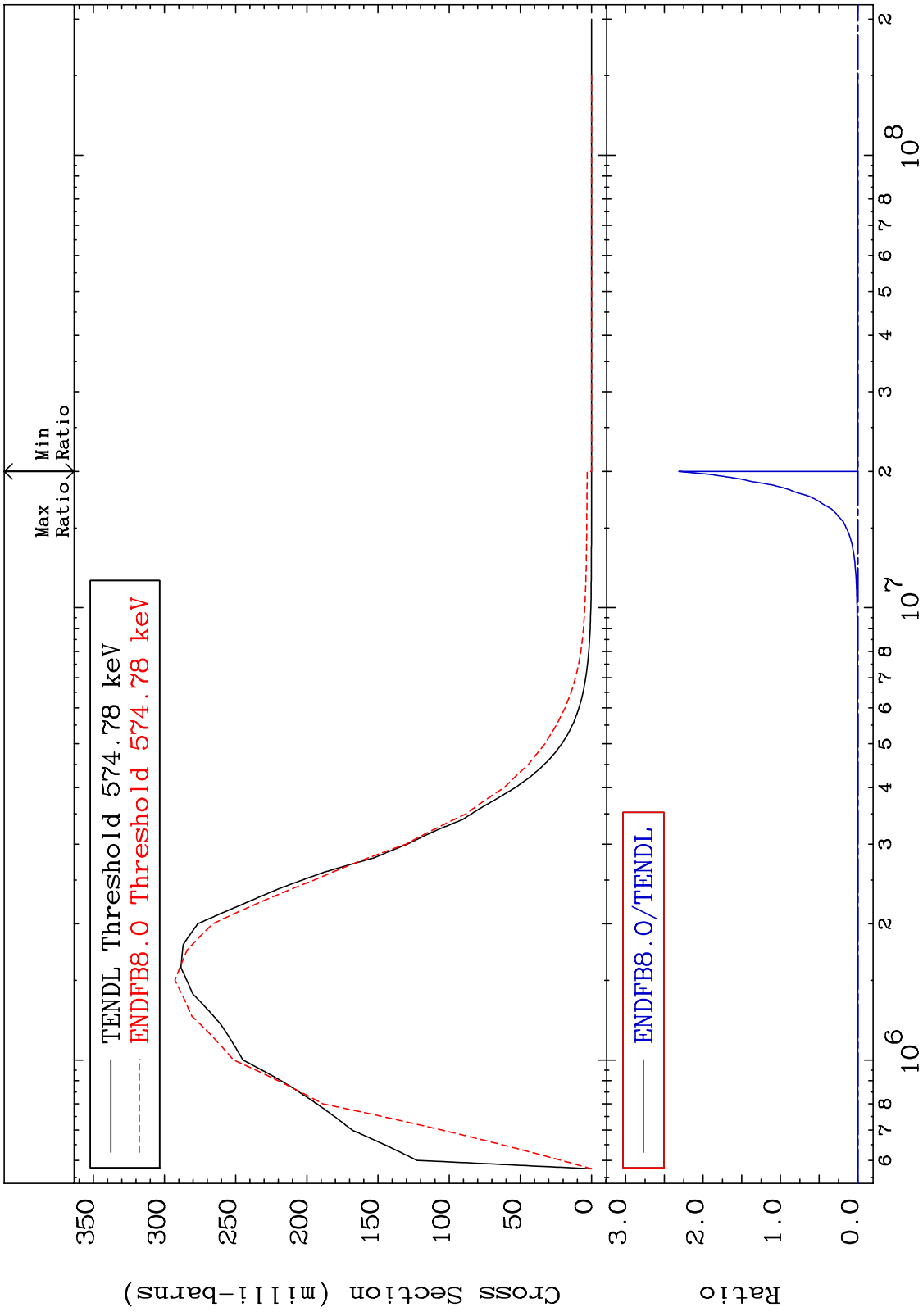
MAT 2434 $(n, n') \alpha$ 24-Cr-53
Cross Section -100.0 To 9999. %



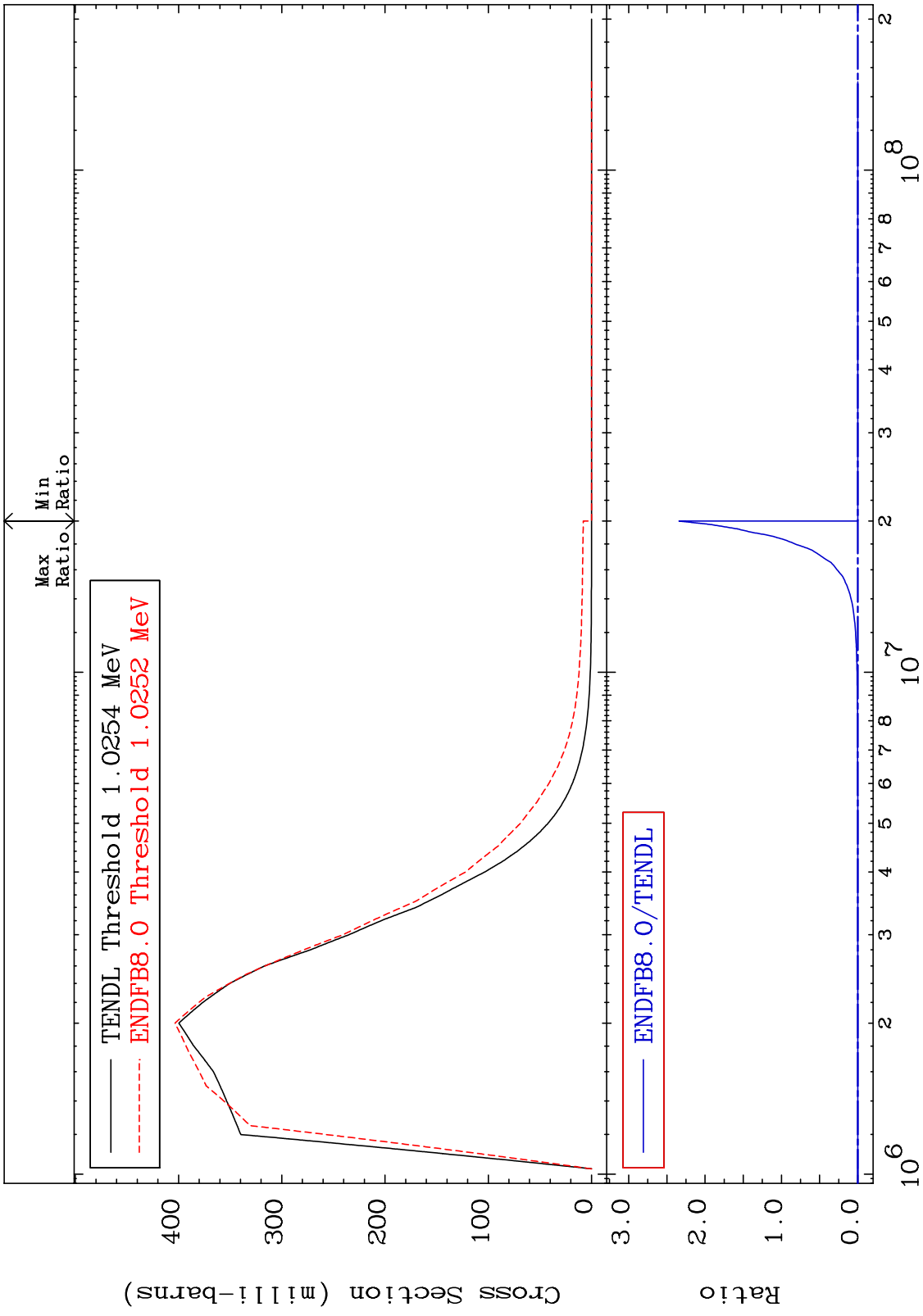
24-Cr-53



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

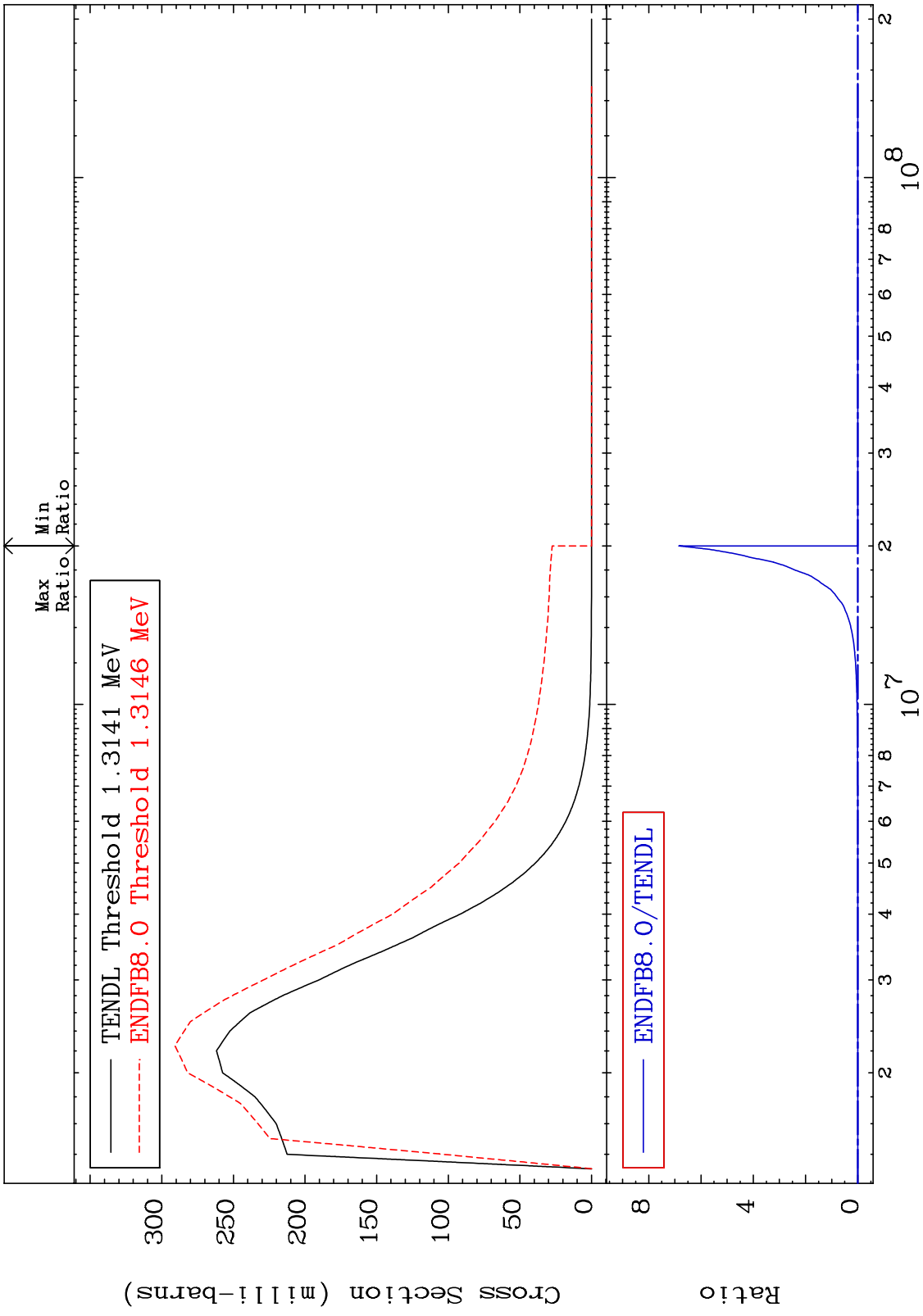


MAT 2434 MT= 52 (n,n') Level Cross Section -100.0 To 9999. % 24-Cr-53



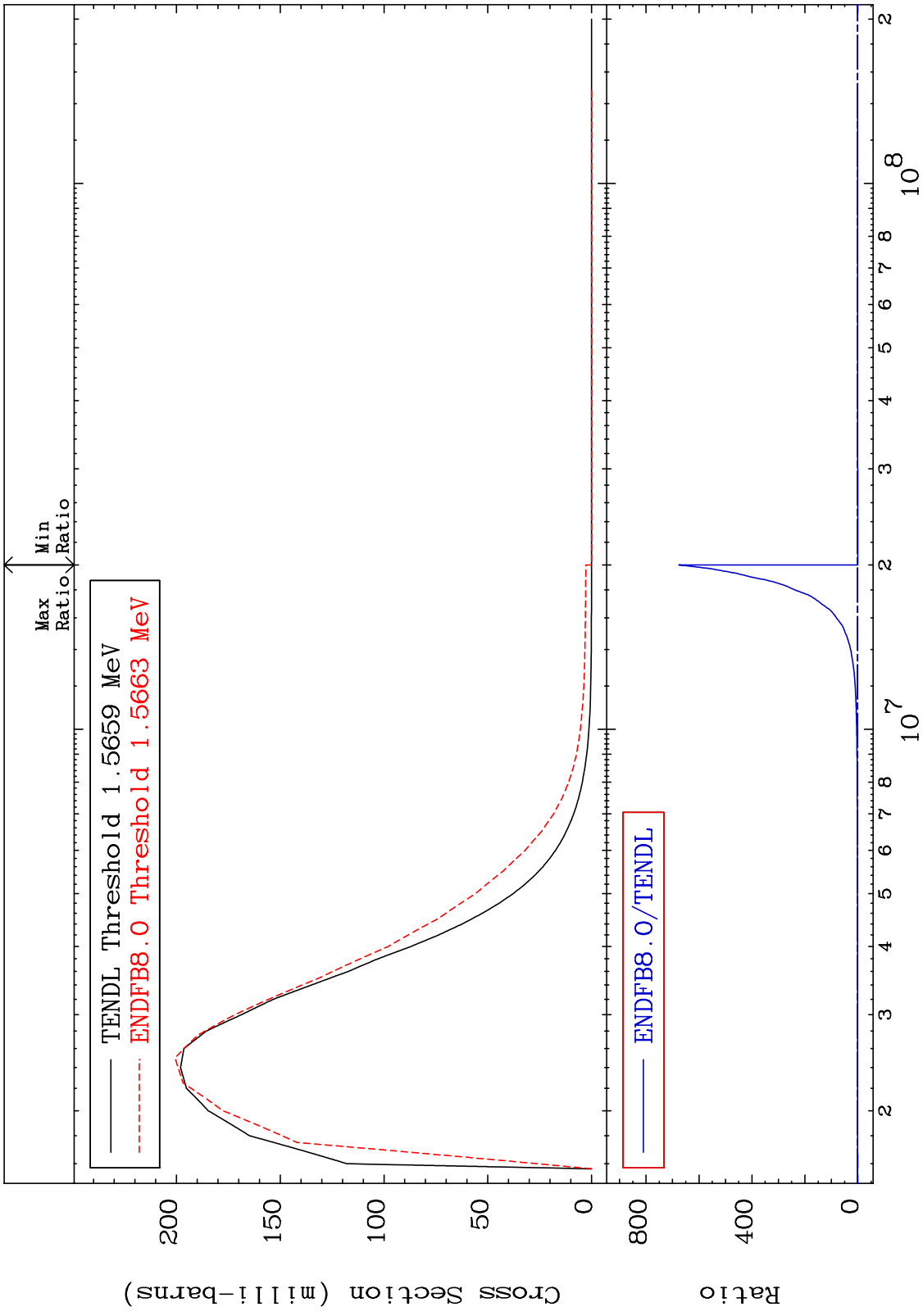
24-Cr-53

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

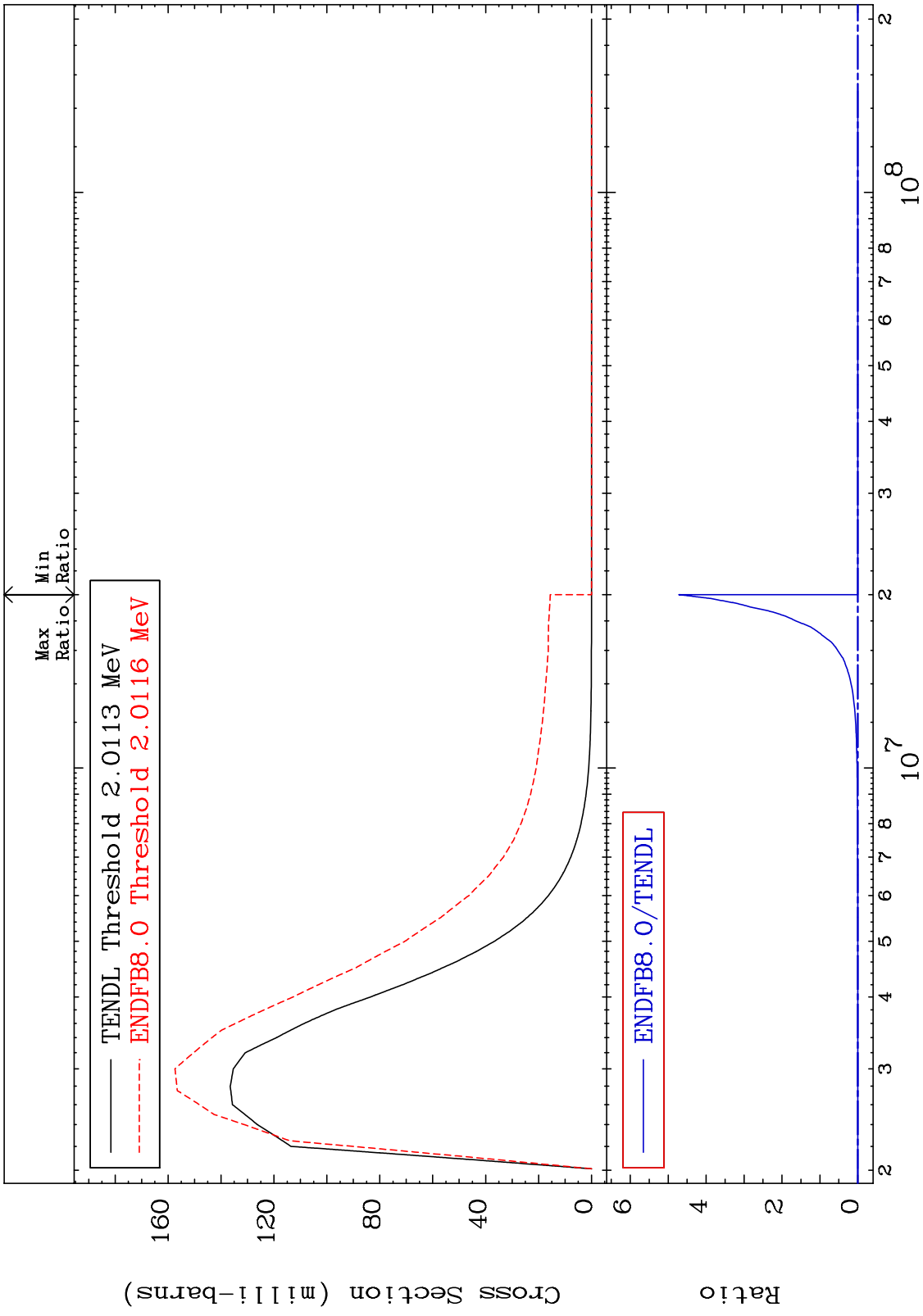


10 24-Cr-53

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

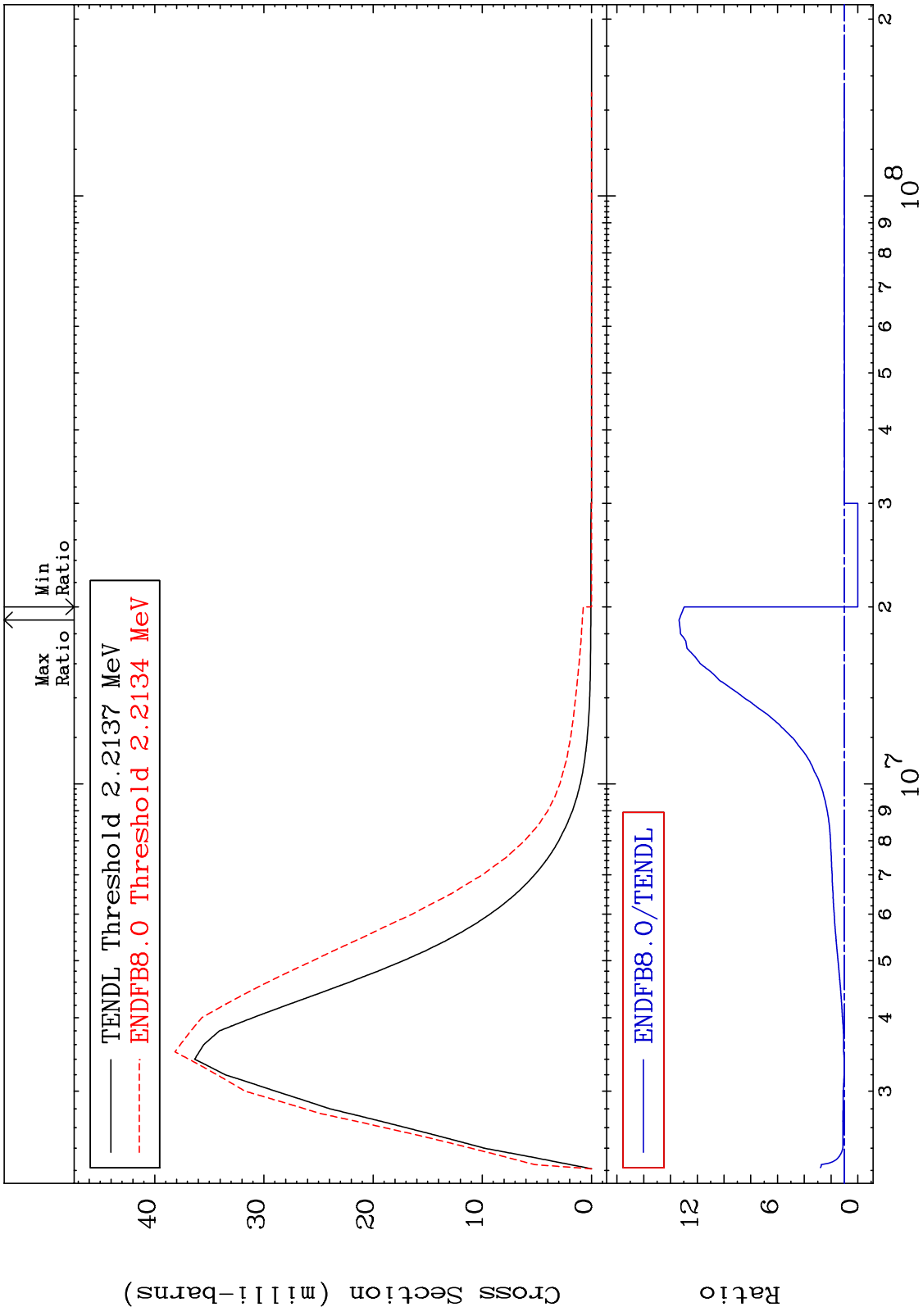


MAT 2434 MT= 55 (n,n') Level Cross Section -100.0 To 9999. % 24-Cr-53

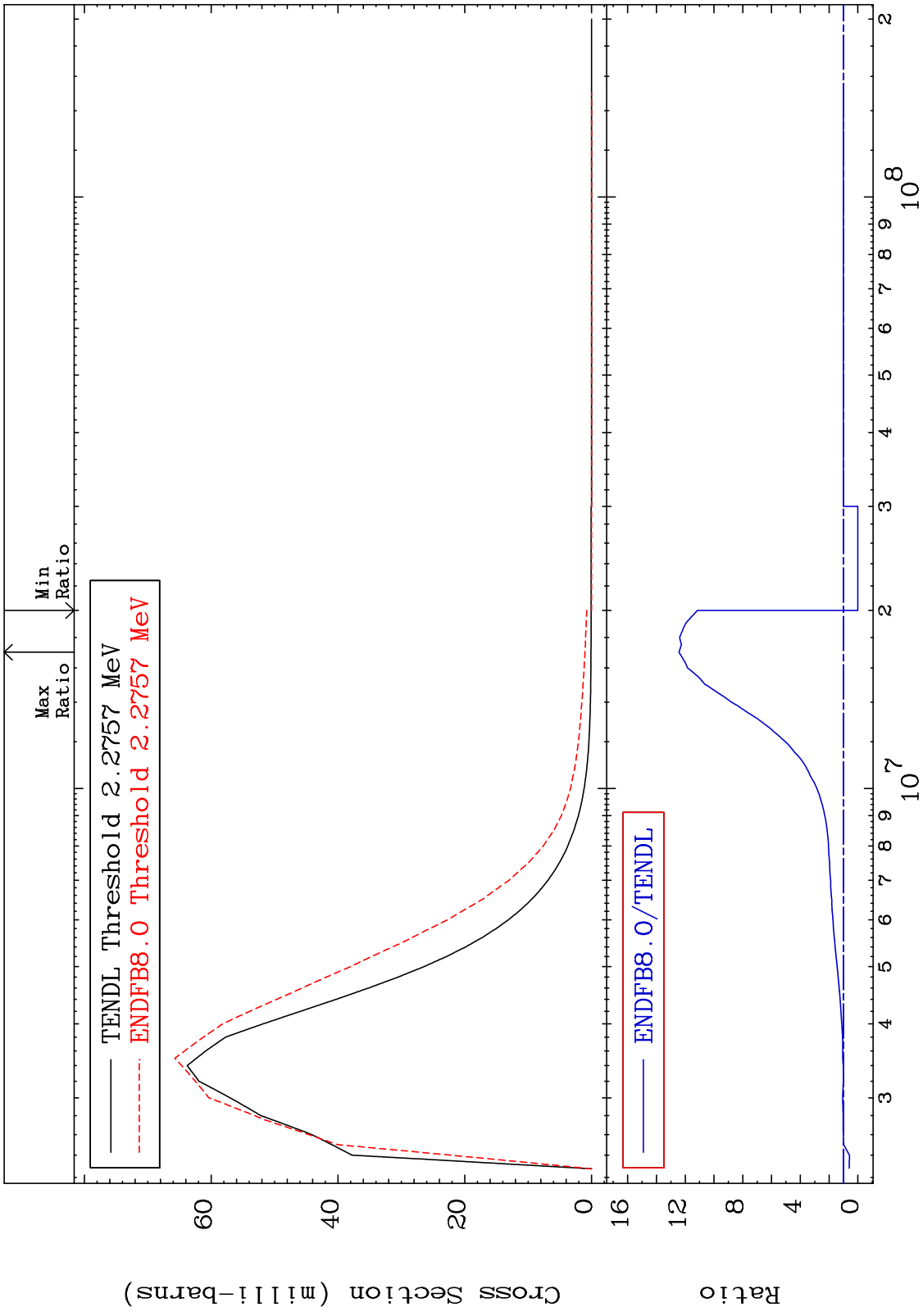


12 Incident Energy (eV) 24-Cr-53

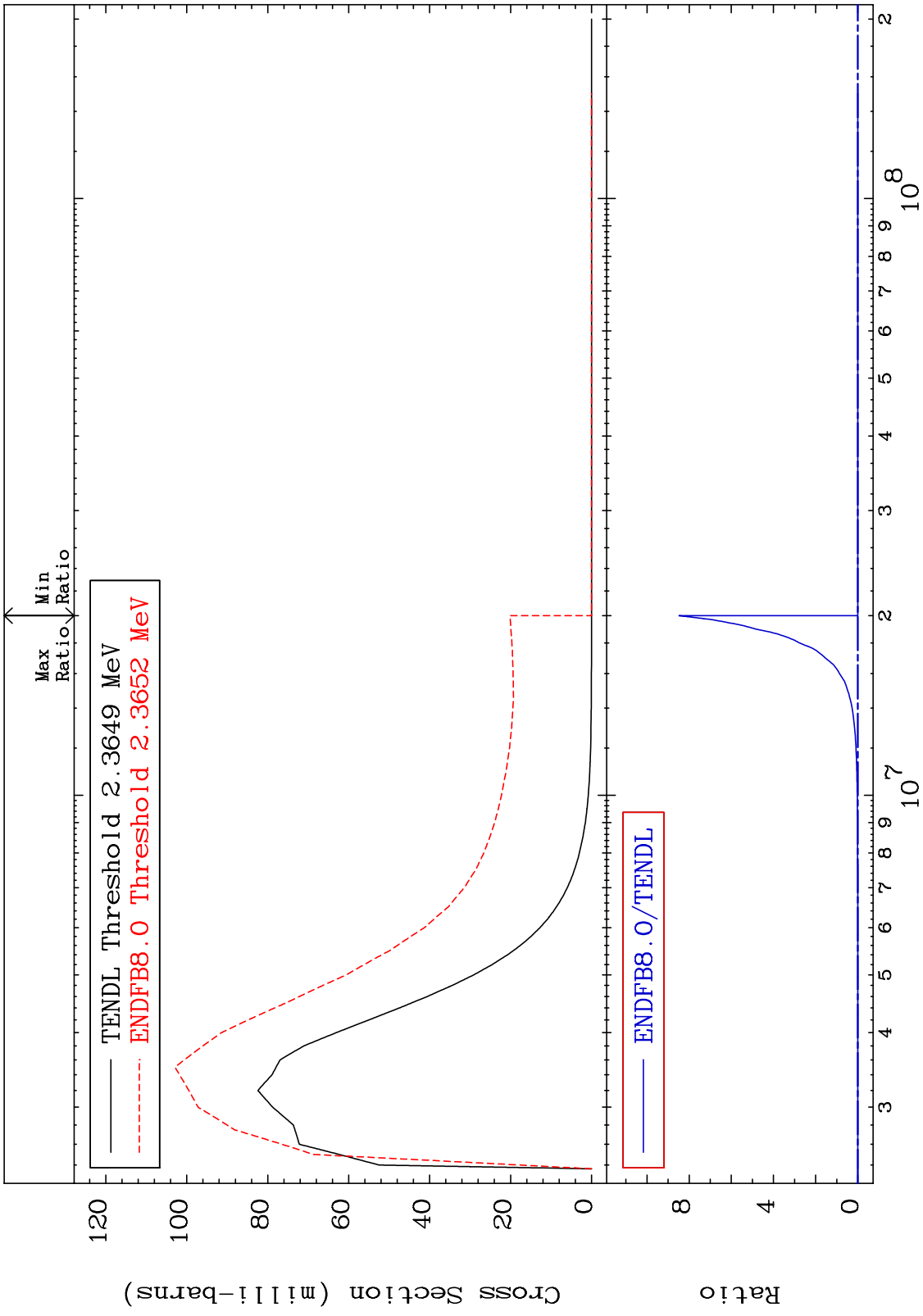
MAT 2434 MT= 56 (n,n') Level Cross Section -100.0 To 1236. % 24-Cr-53



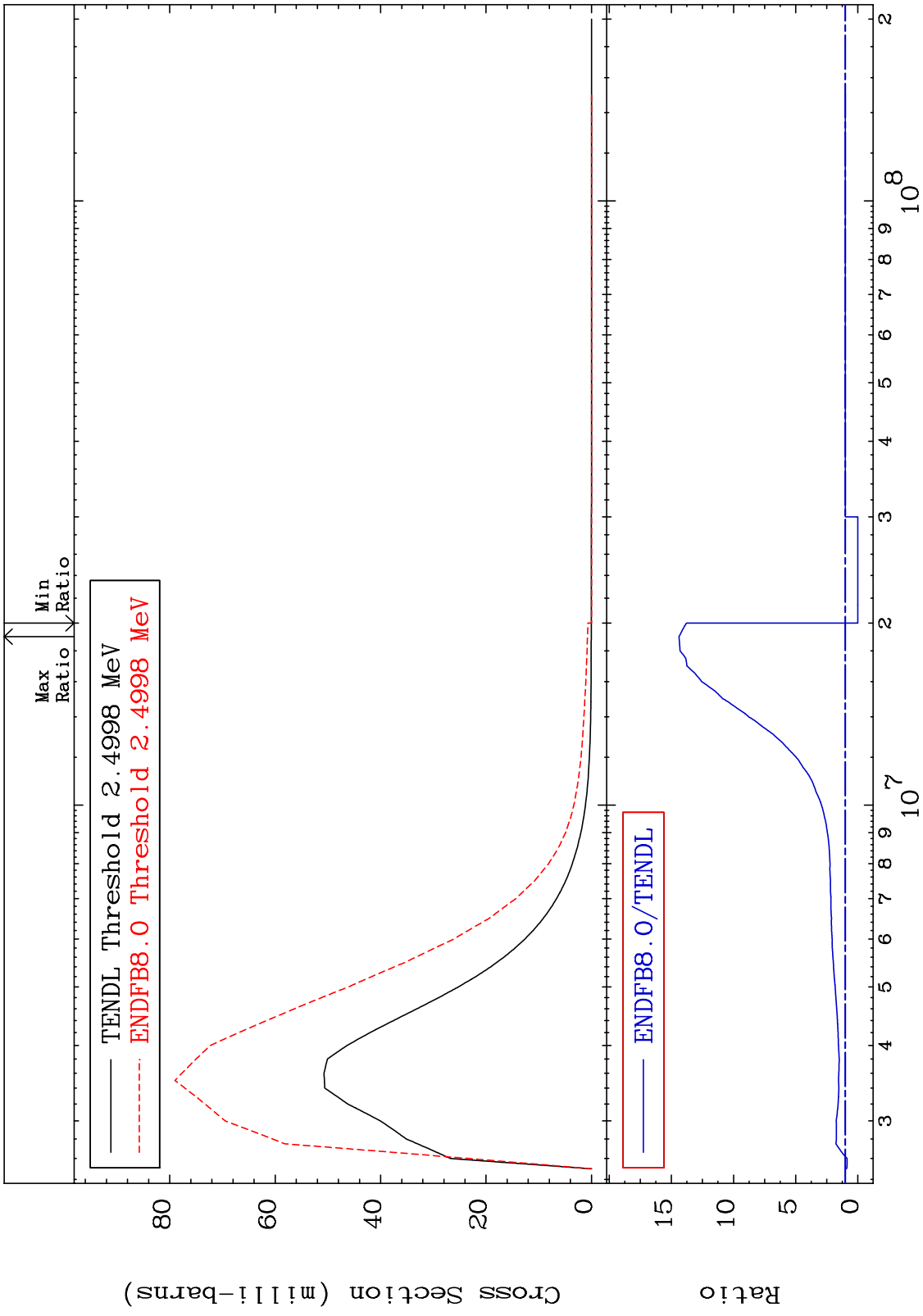
MAT 2434 MT= 57 (n, n') Level Cross Section -100.0 To 1143. % 24-Cr-53



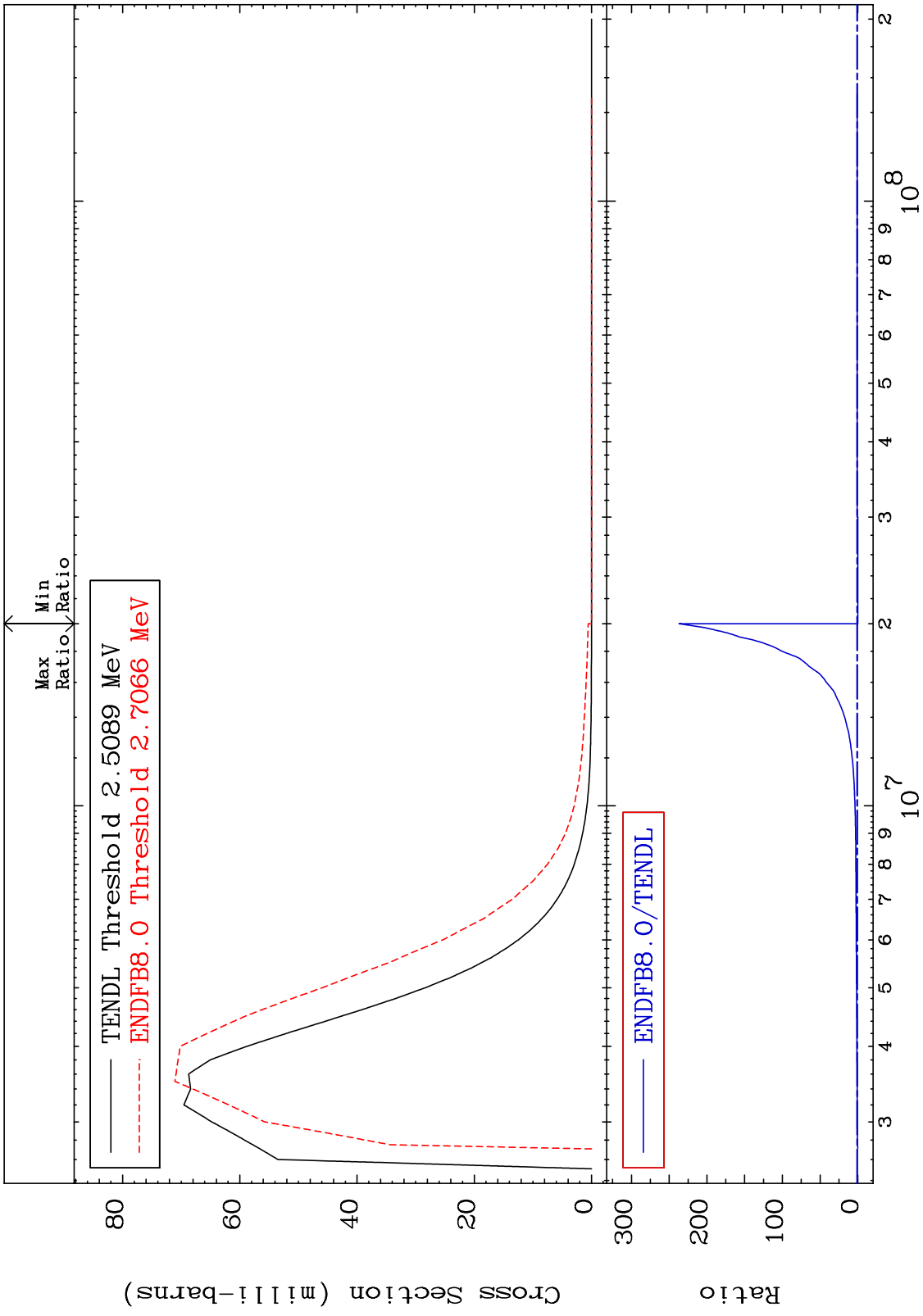
MAT 2434 MT= 58 (n,n') Level Cross Section -100.0 To 9999. % 24-Cr-53



MAT 2434 MT= 59 (n,n') Level Cross Section -100.0 To 1338. % 24-Cr-53



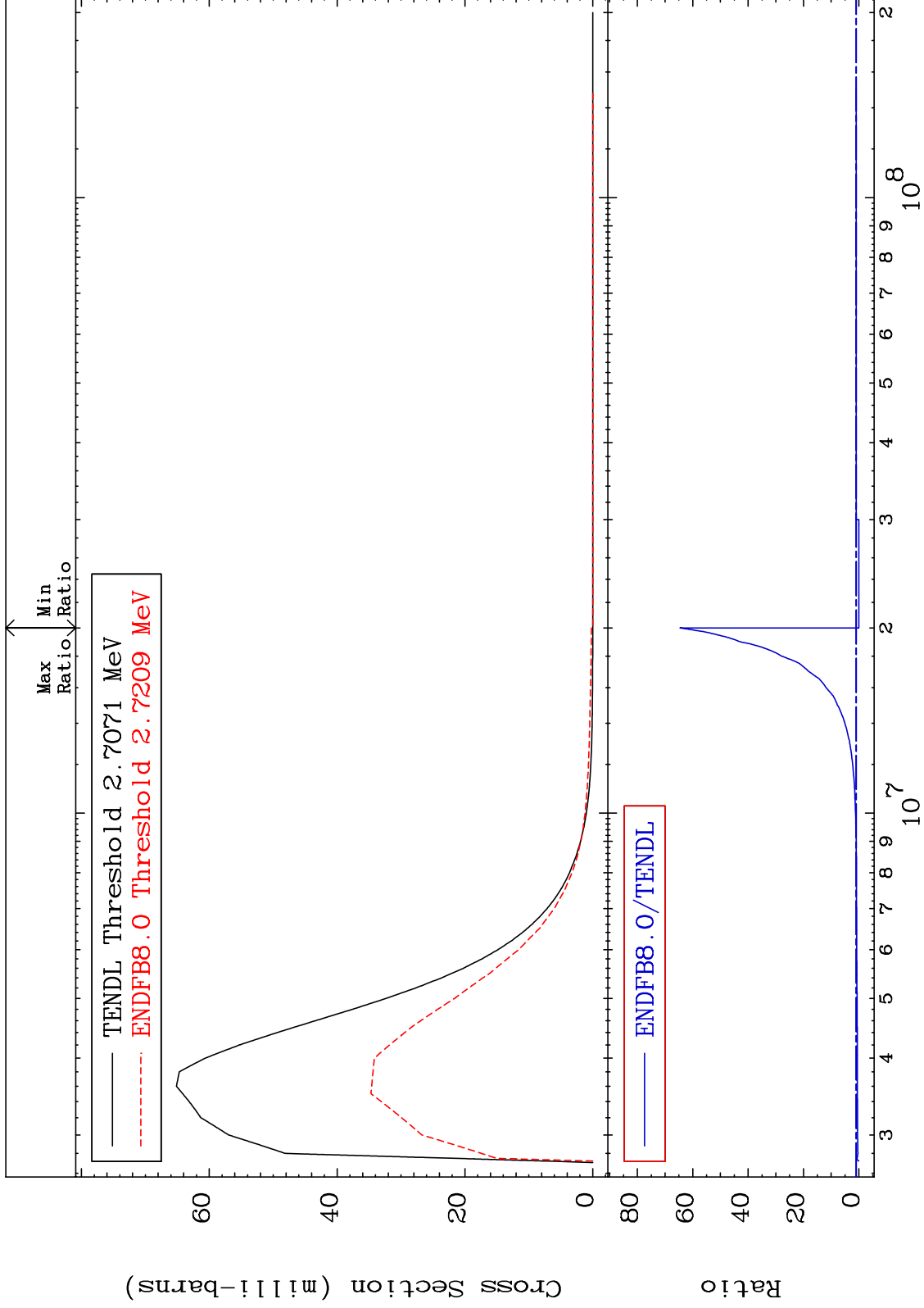
MAT 2434 MT= 60 (n,n') Level Cross Section -100.0 To 9999. % 24-Cr-53



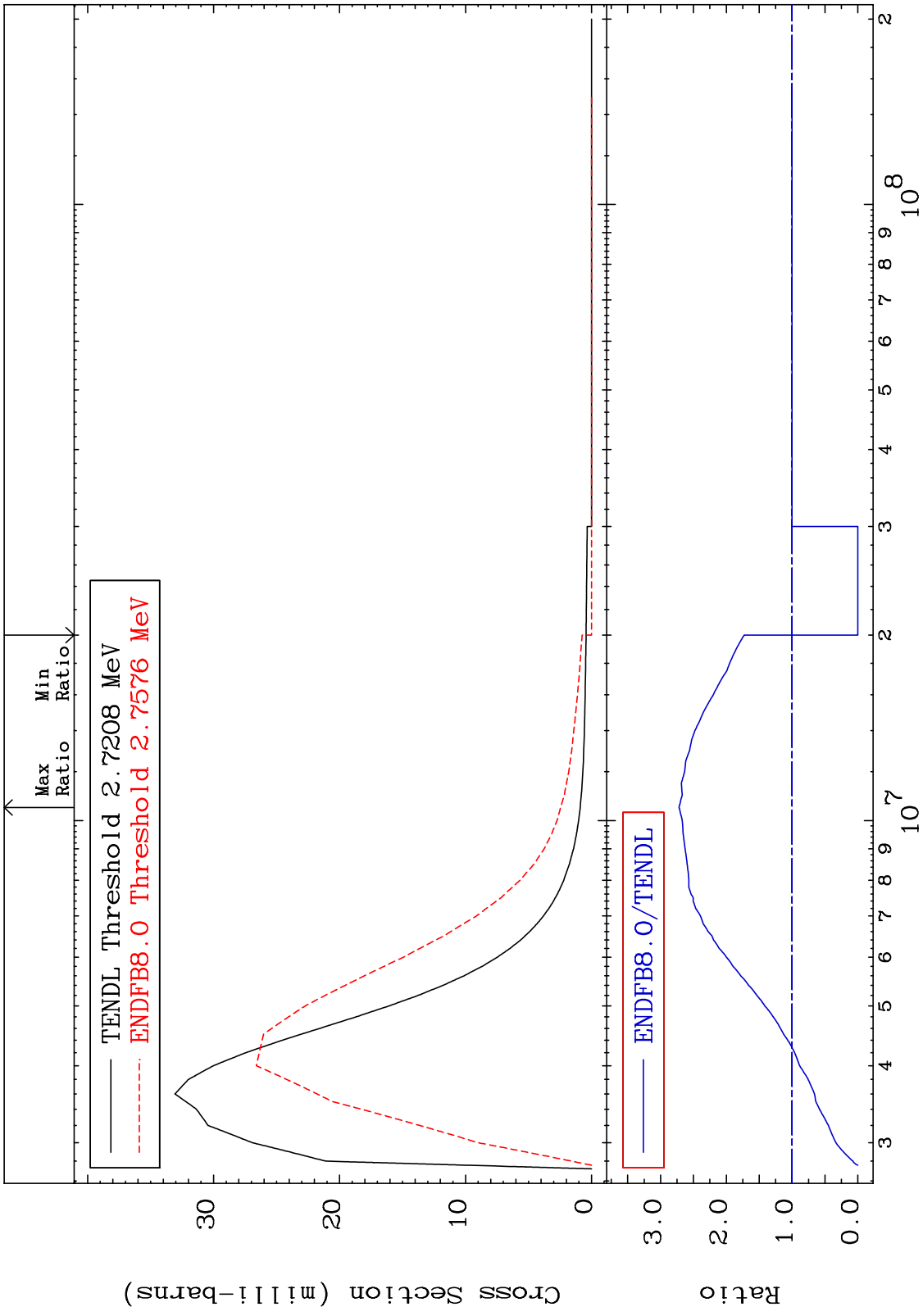
MAT 2434

MT= 61 (n,n') Level
Cross Section

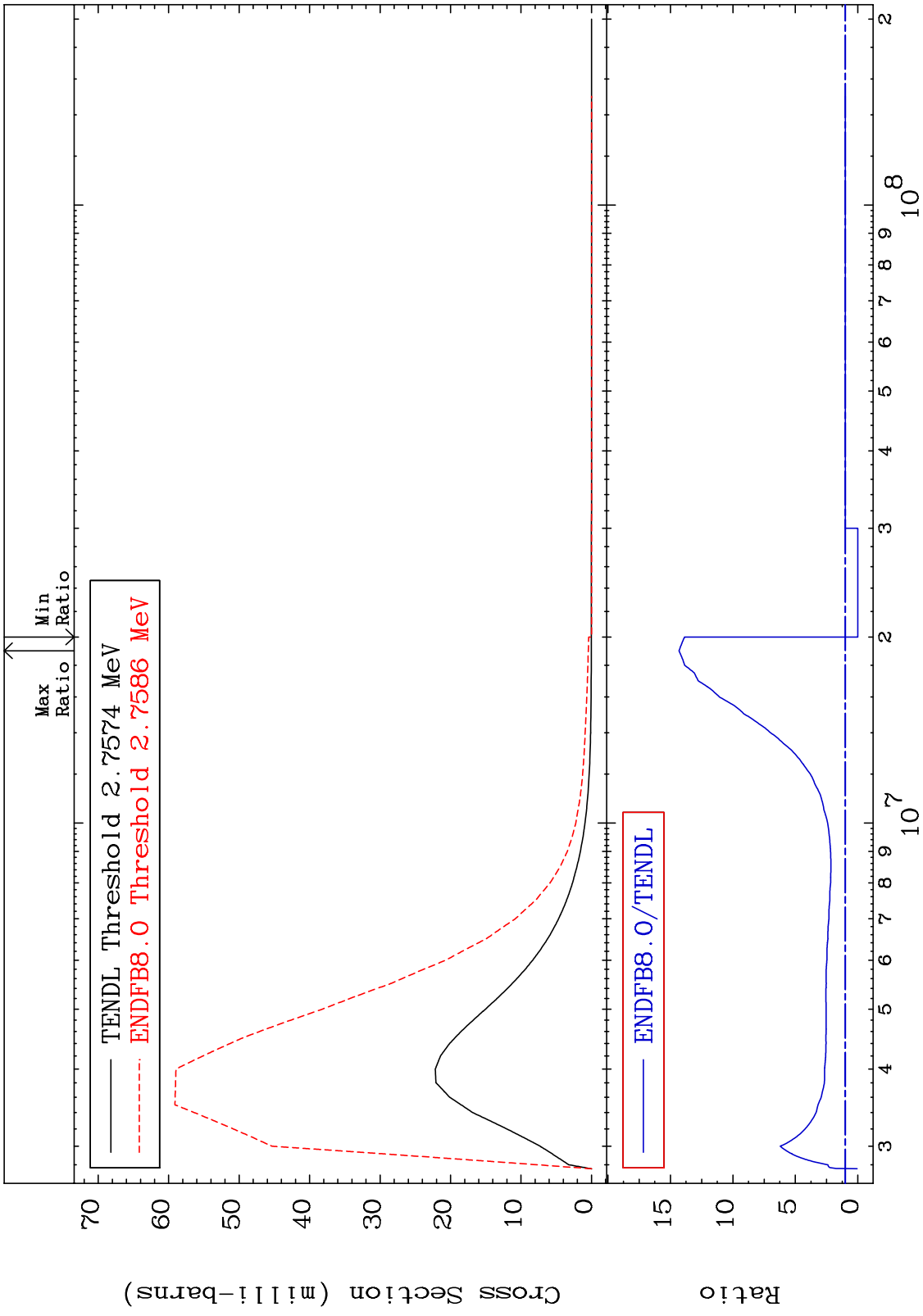
24-Cr-53
-100.0 To 6353. %



MAT 2434 MT= 62 (n,n') Level Cross Section -100.0 To 171.9 % 24-Cr-53

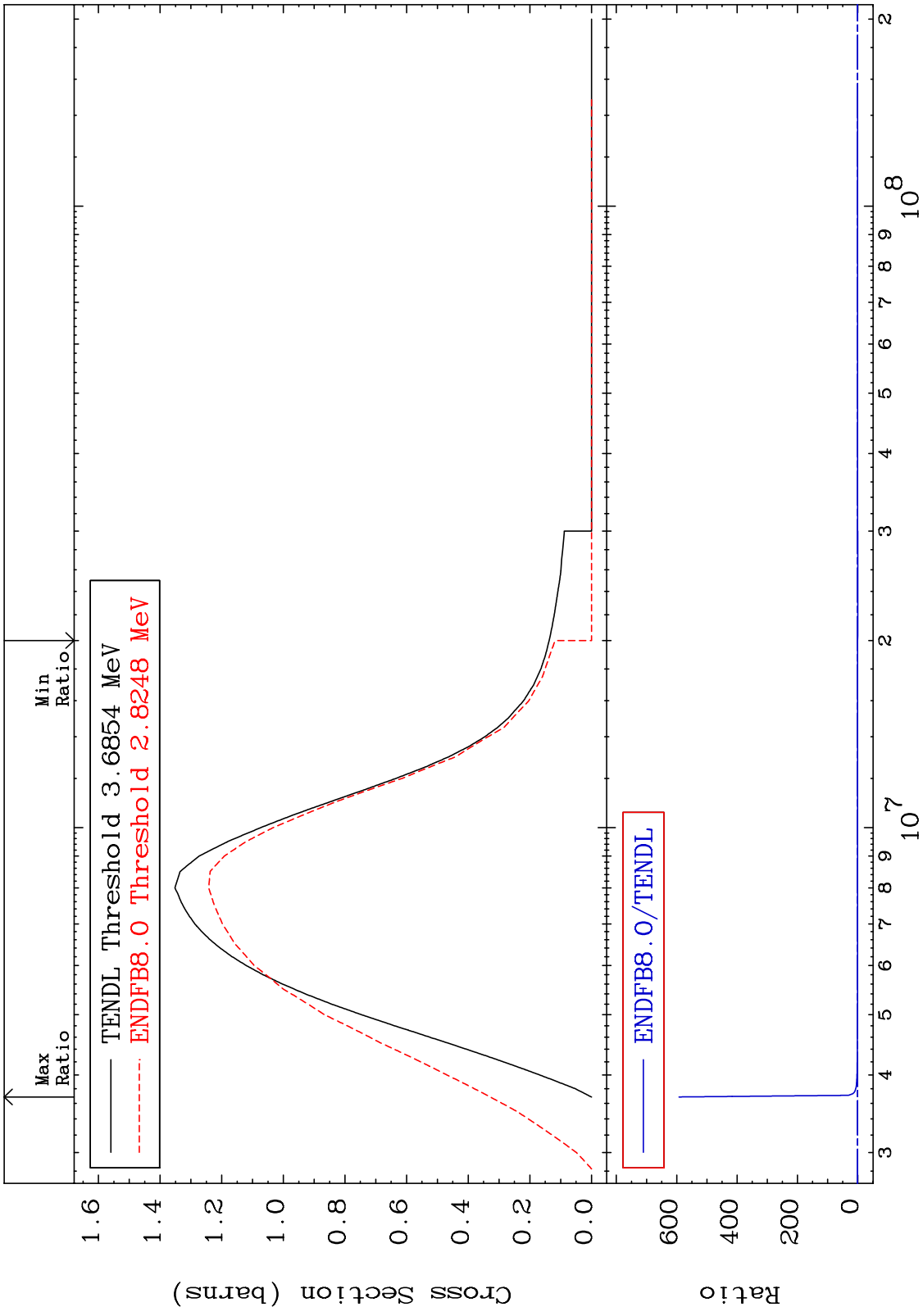


MAT 2434 MT= 63 (n,n') Level Cross Section -100.0 To 1331. % 24-Cr-53



20 Incident Energy (eV) 24-Cr-53

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



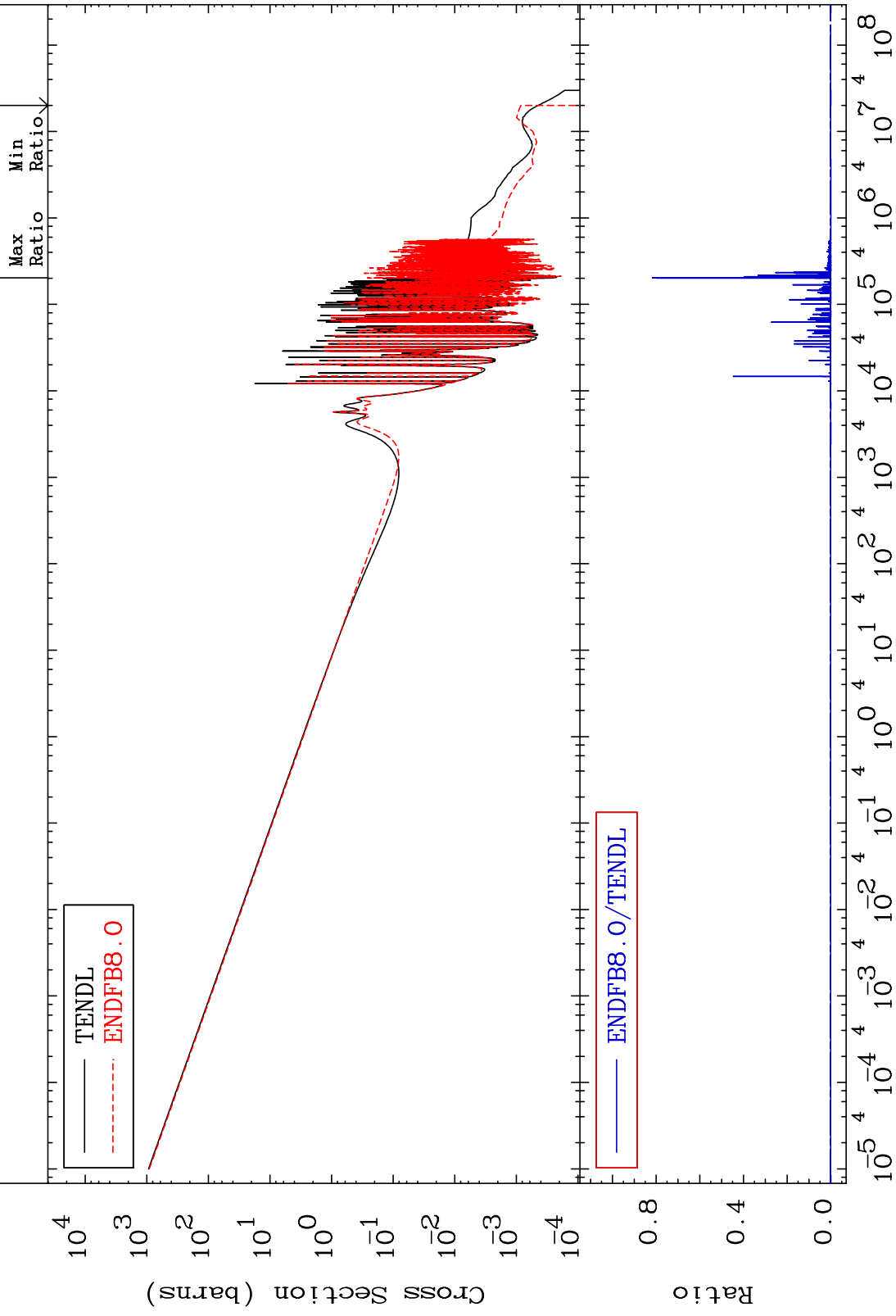
MAT 2434

(n, γ)

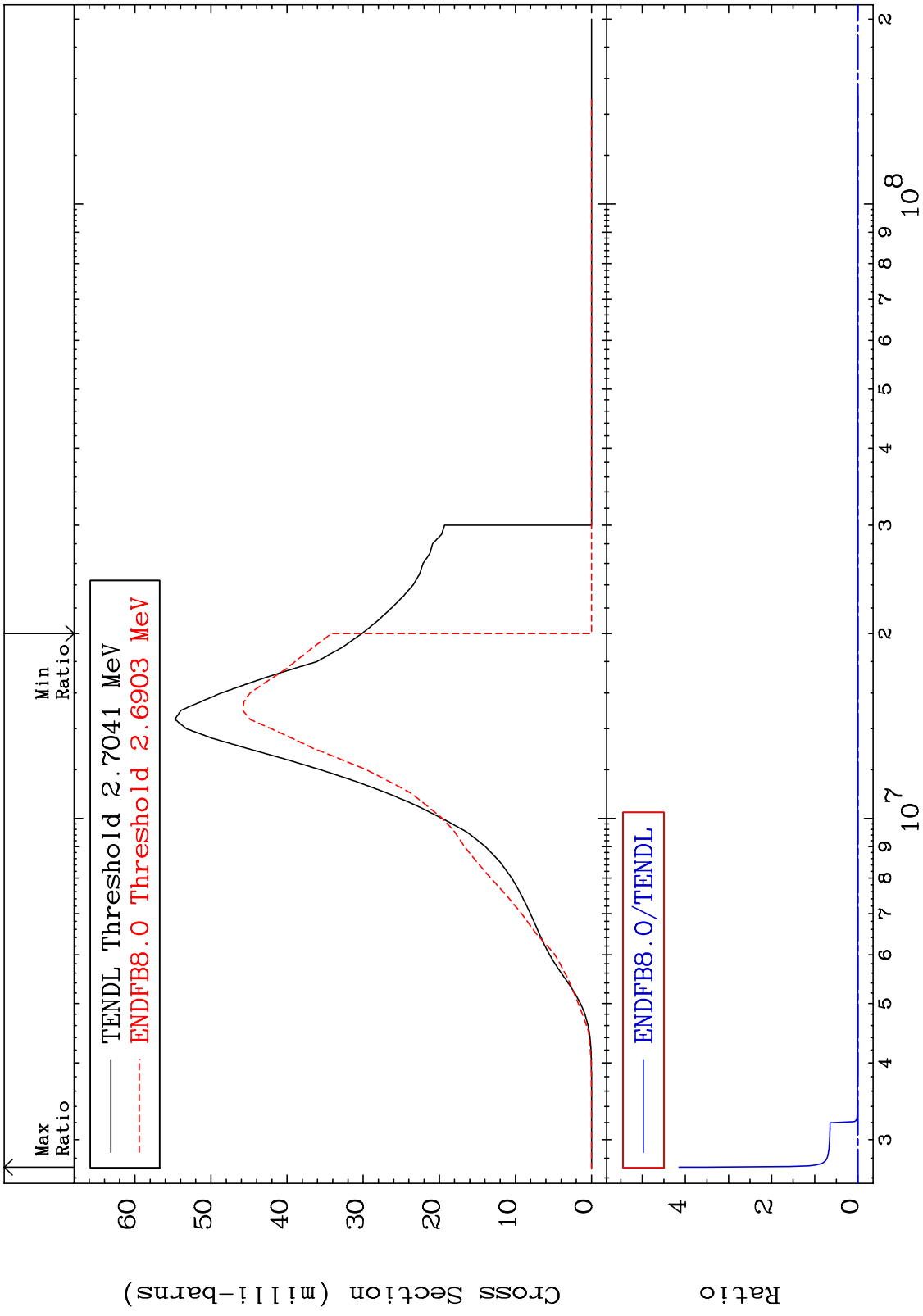
24-Cr-53

Cross Section

-100.0 To 9999. %



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



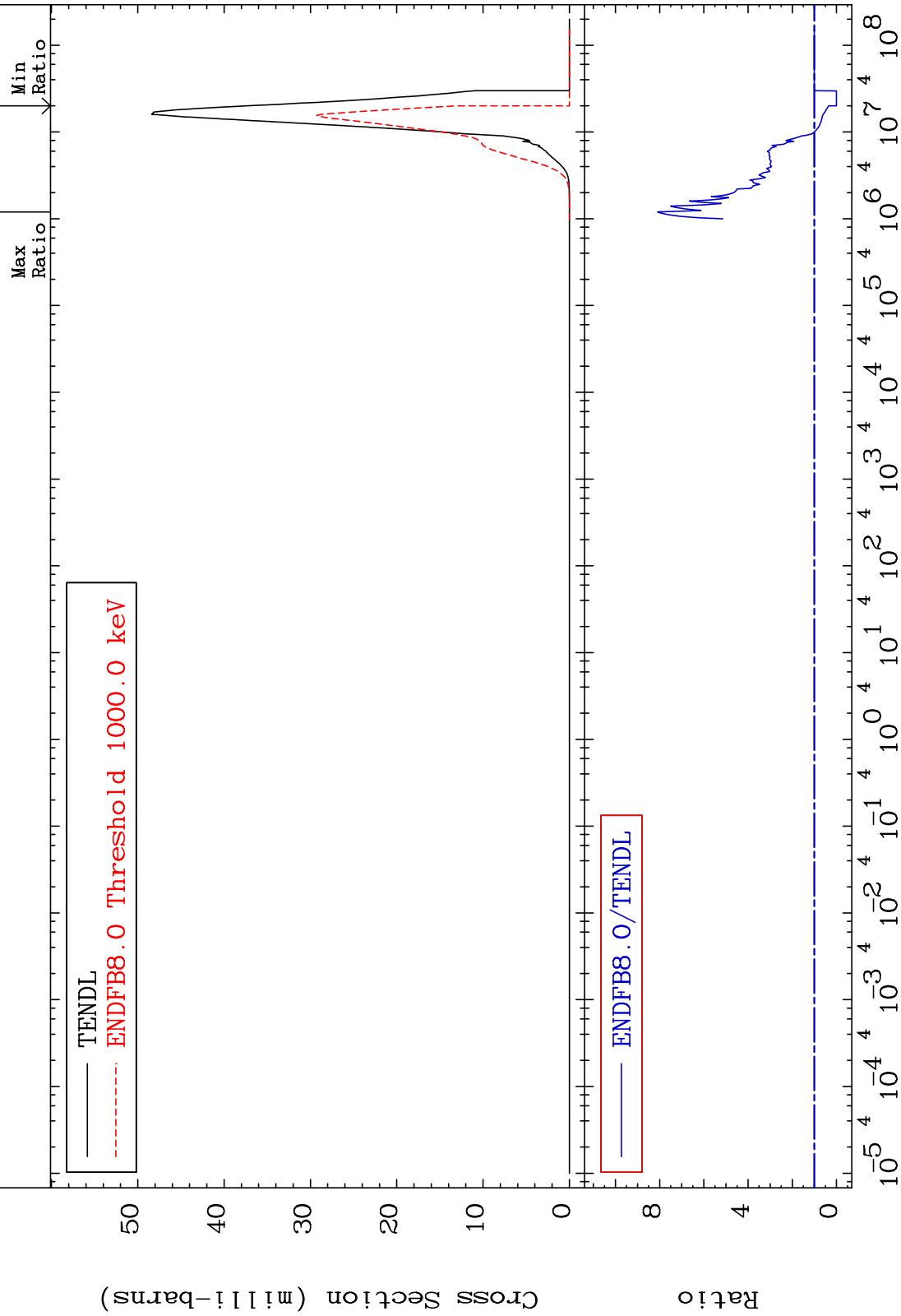
MAT 2434

(n, α)

²⁴Cr-53

Cross Section

-100.0 To 711.3 %

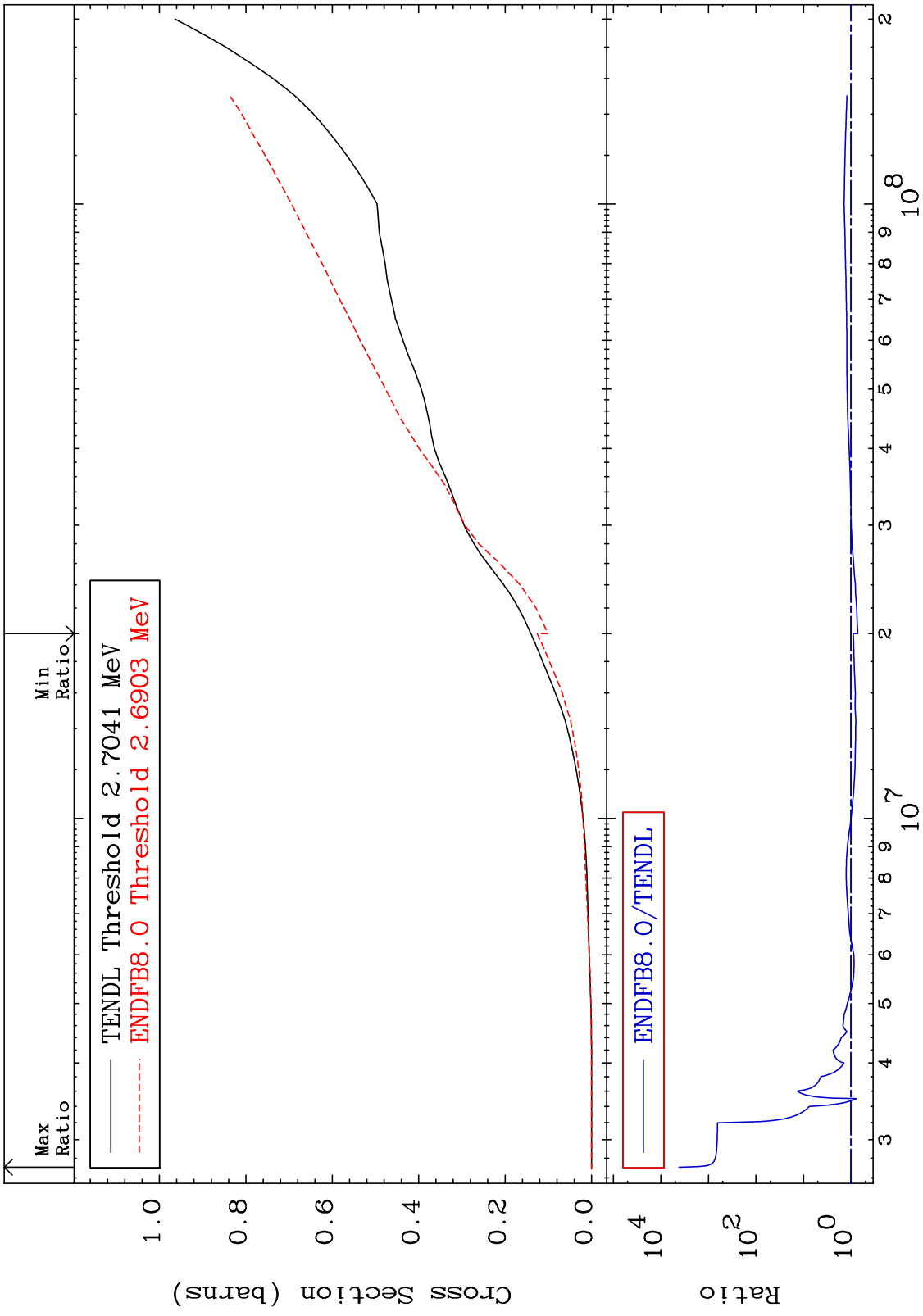


24

Incident Energy (eV)

²⁴Cr-53

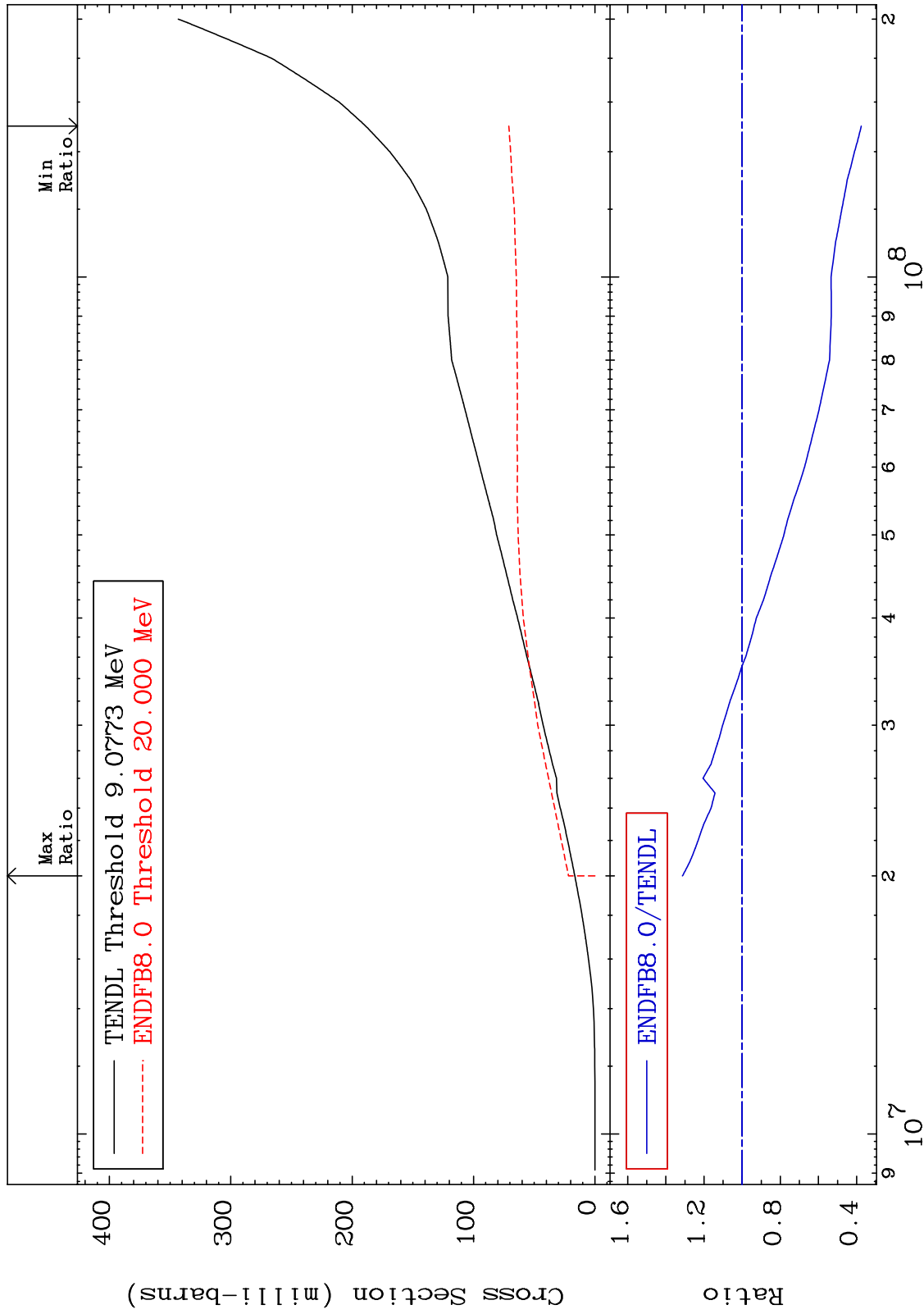
MAT 2434 Hydrogen Production Cross Section 24-Cr-53 -28.08 To 9999. %



MAT 2434

Deuterium Production
Cross Section

24-Cr-53
-62.43 To 31.29 %

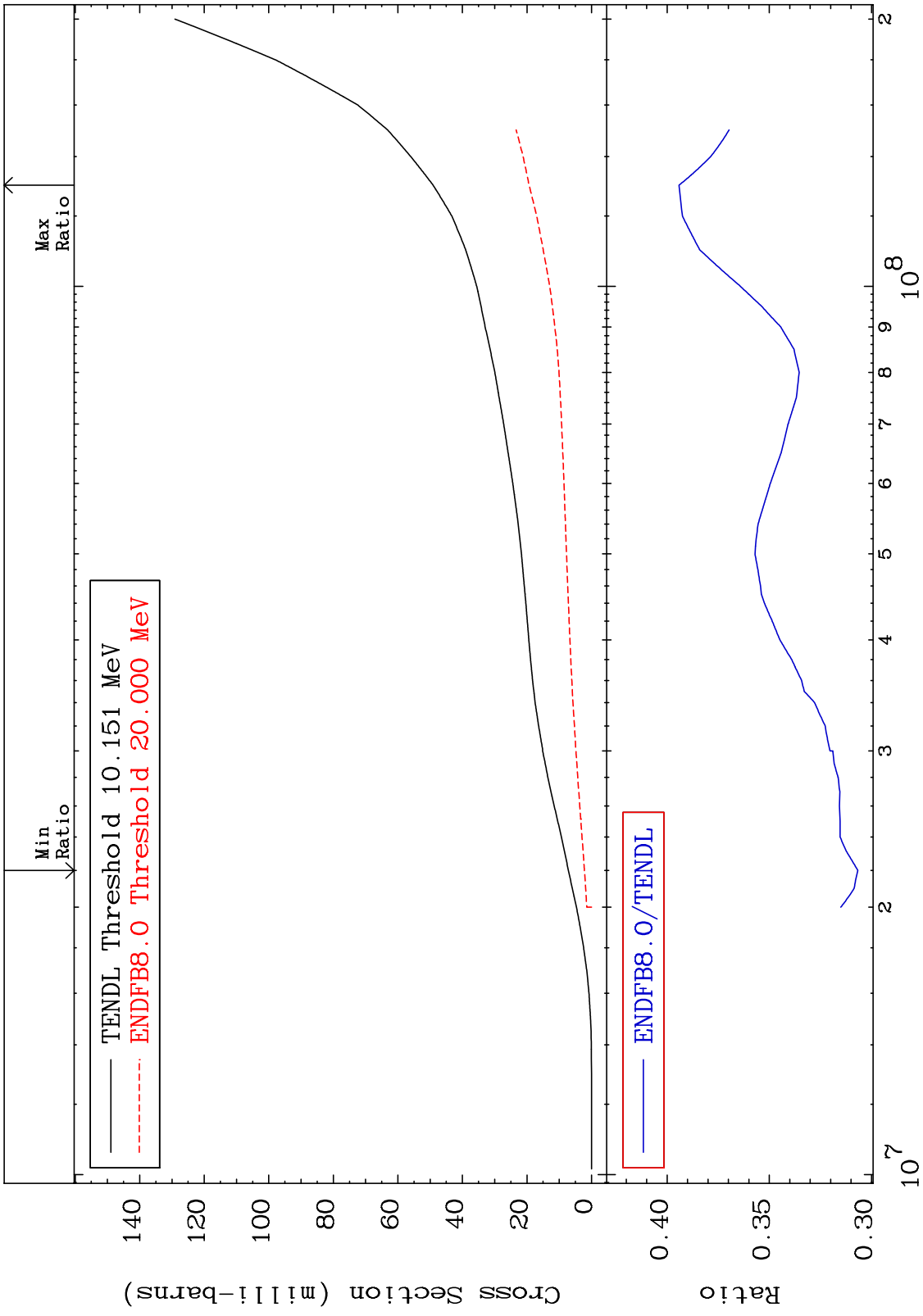


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Incident Energy (eV)

24-Cr-53

MAT 2434 Tritium Production Cross Section 24-Cr-53 -69.33 To -60.58%

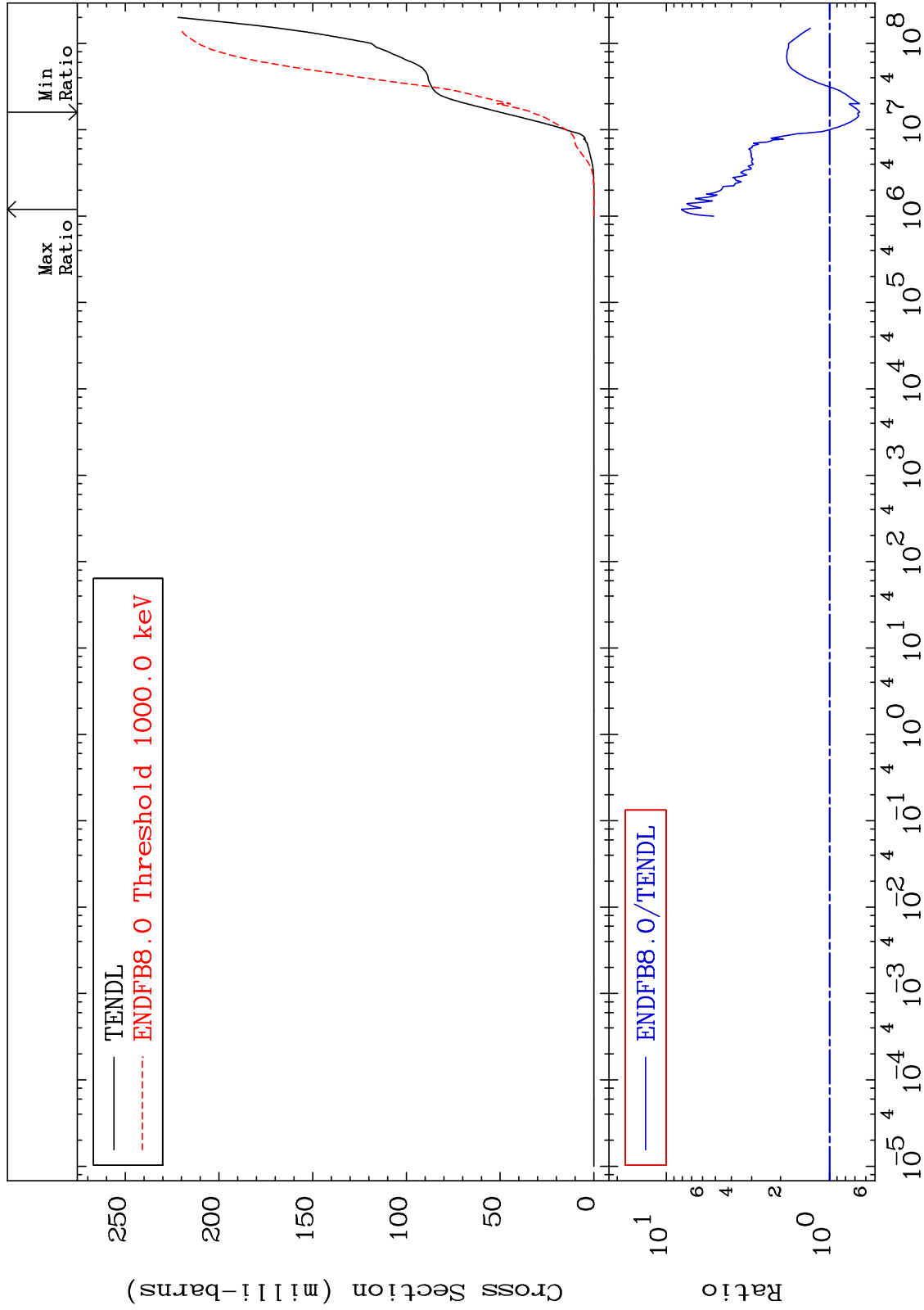


27 24-Cr-53

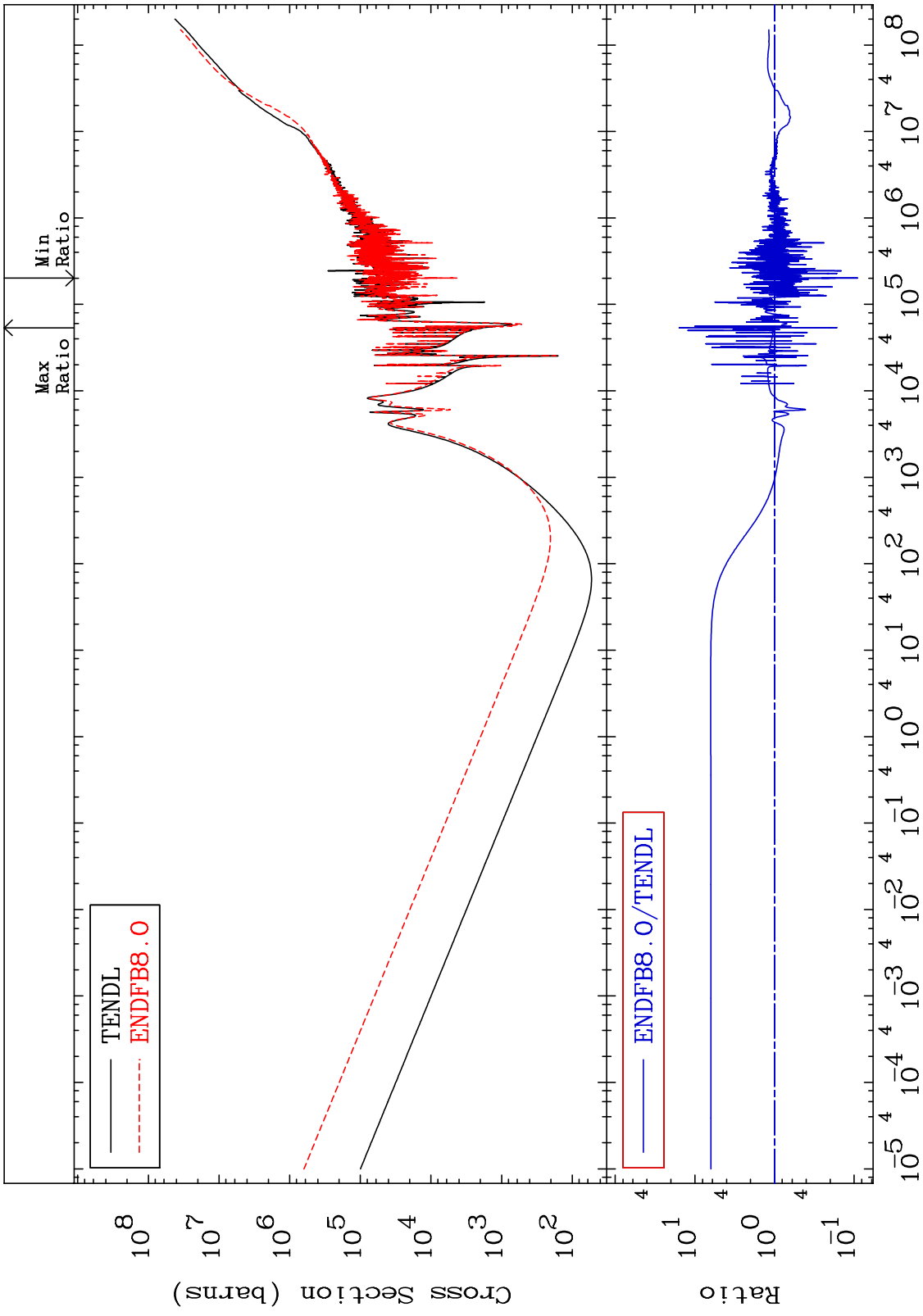
MAT 2434

He-4 Production
Cross Section

24-Cr-53
-34.66 To 711.3 %



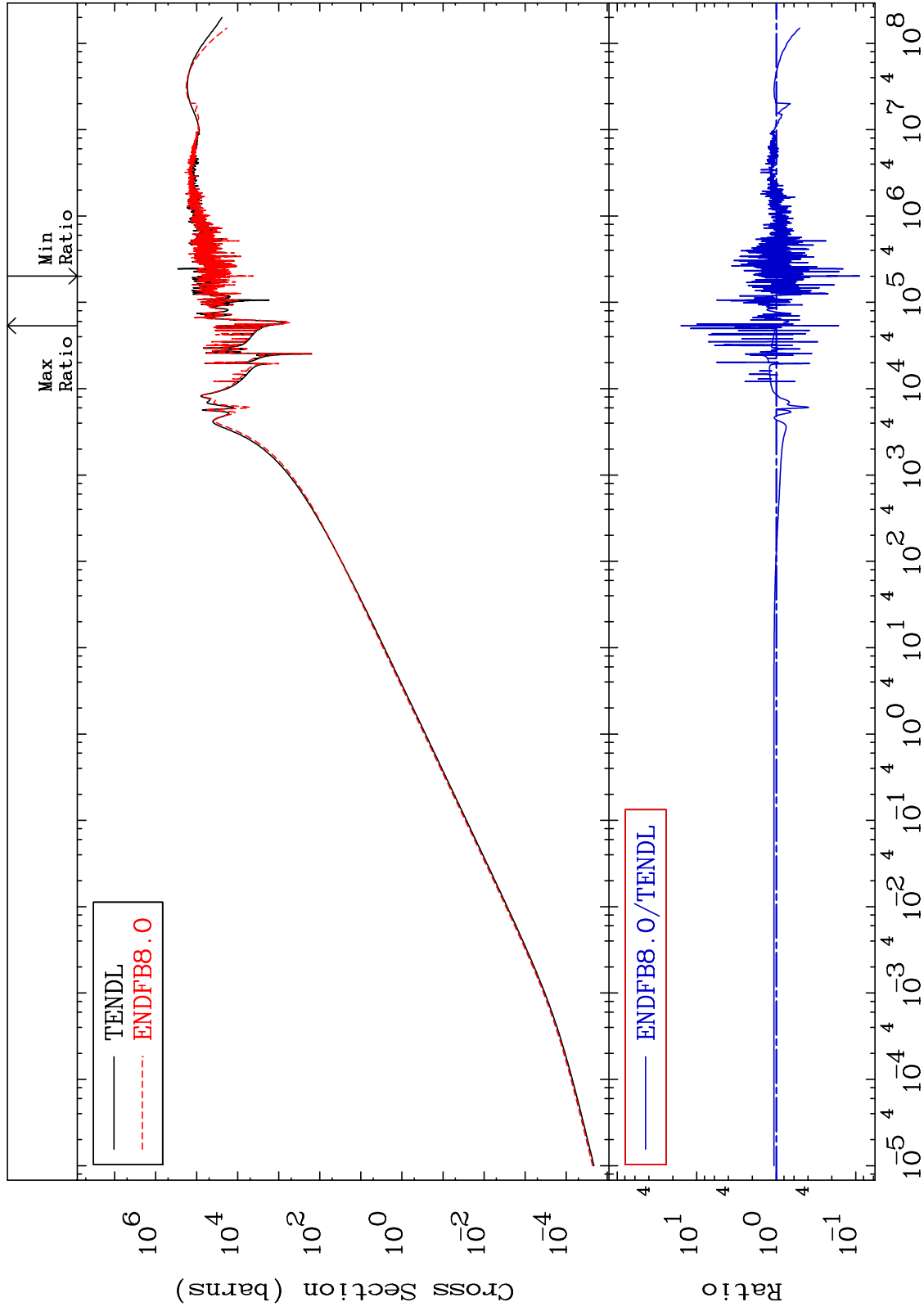
MAT 2434 Kerma total (eV-barns) Cross Section 24-Cr-53
 -91.02 To 1480. %



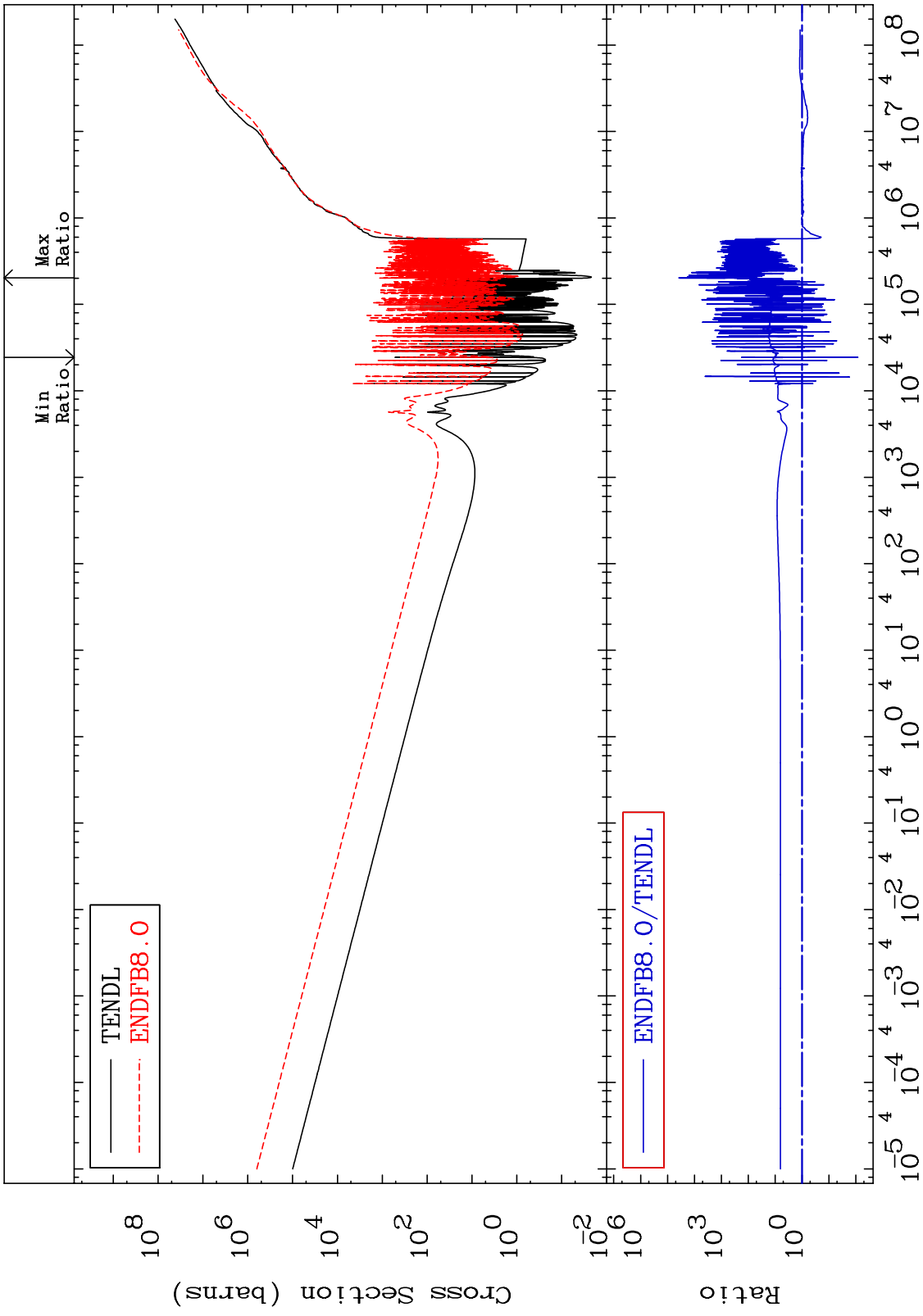
MAT 2434

Kerma elastic
Cross Section

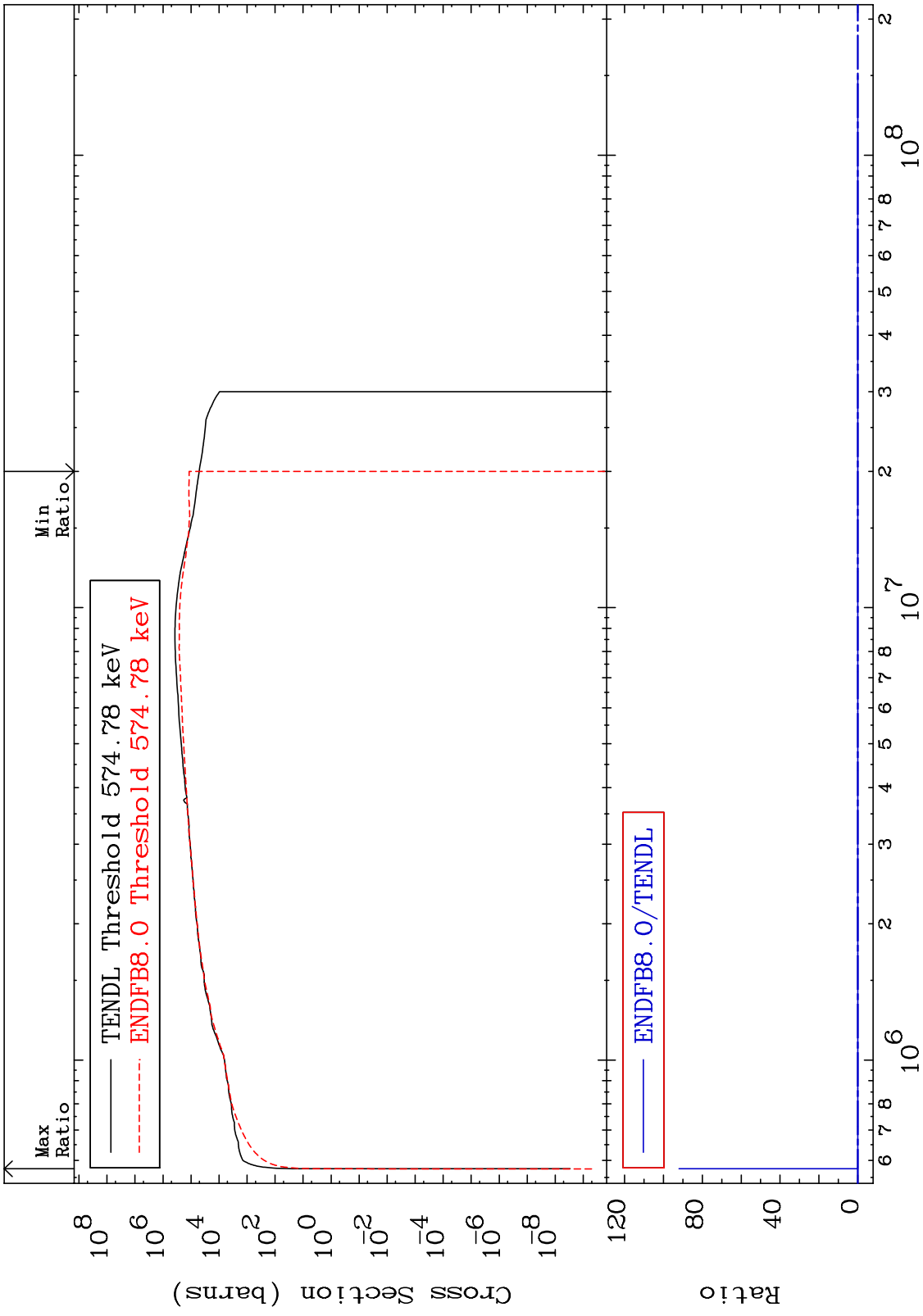
24-Cr-53
-91.09 To 1468. %



MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
 Cross Section -99.16 To 9999. %



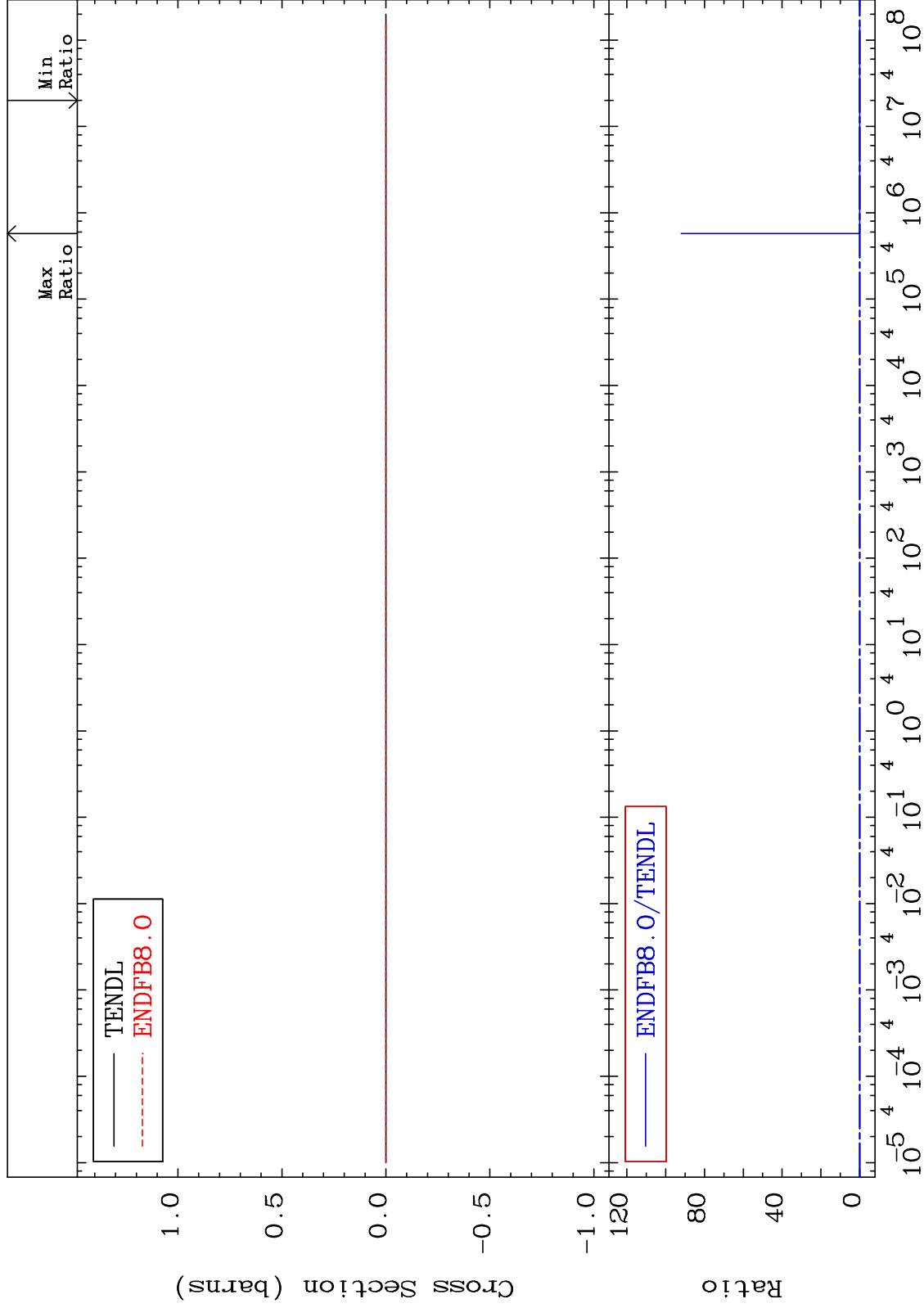
MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 Cross Section -100.0 To 9999. %



MAT 2434

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

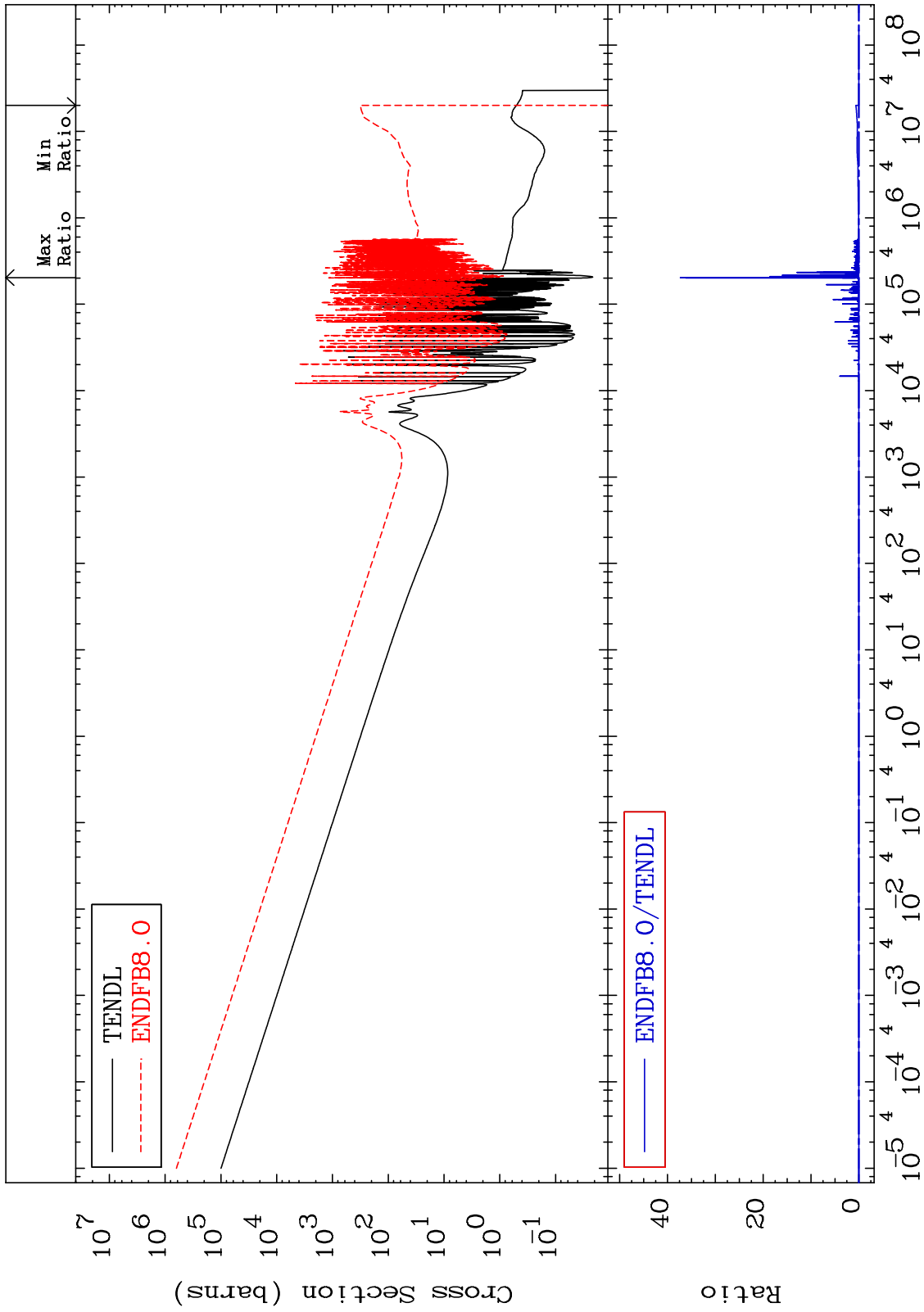
24-Cr-53
-100.0 To 9999. %



MAT 2434

Kerma capture (mt102)
Cross Section

24-Cr-53
-100.0 To 9999. %



34

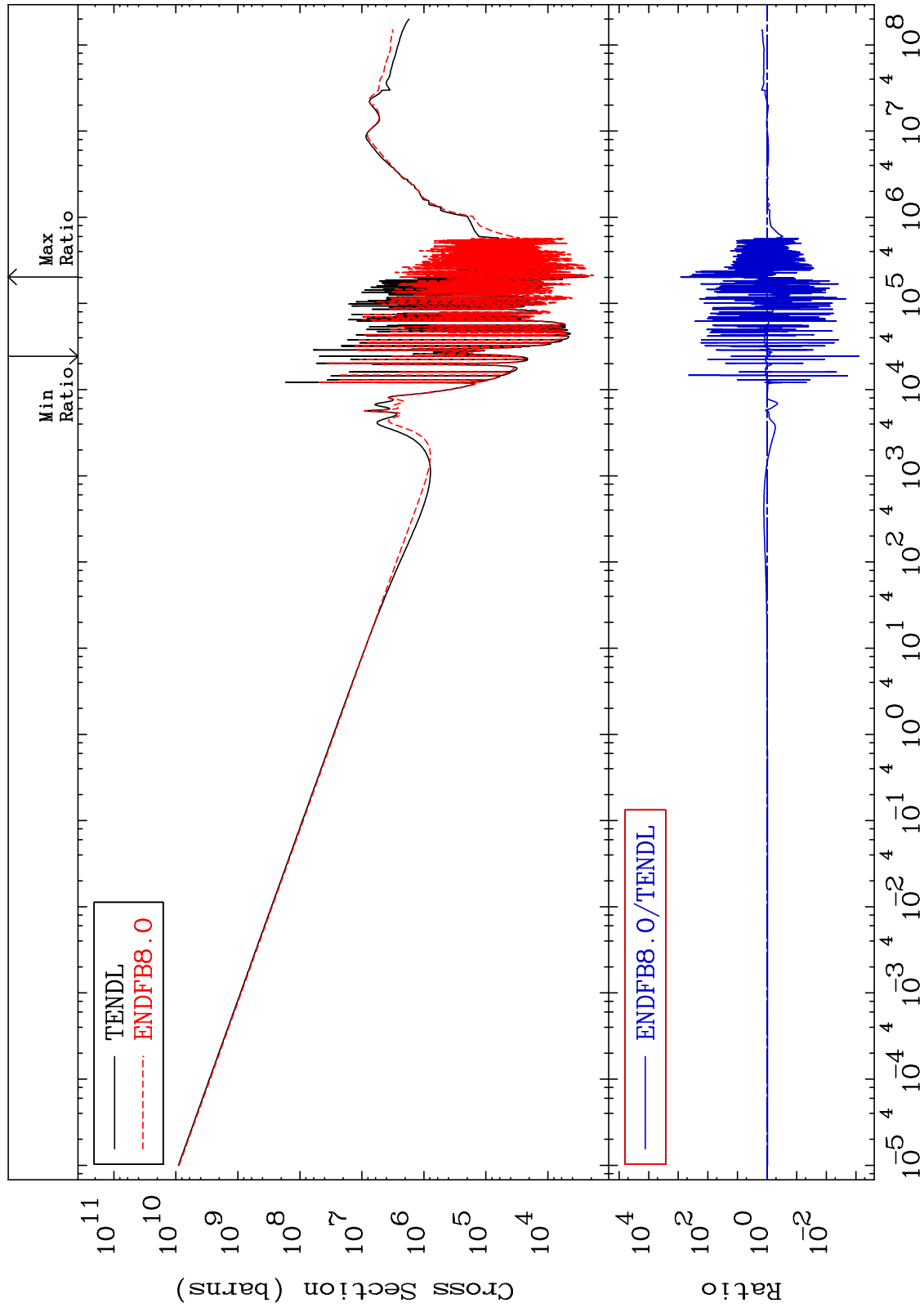
Incident Energy (eV)

24-Cr-53

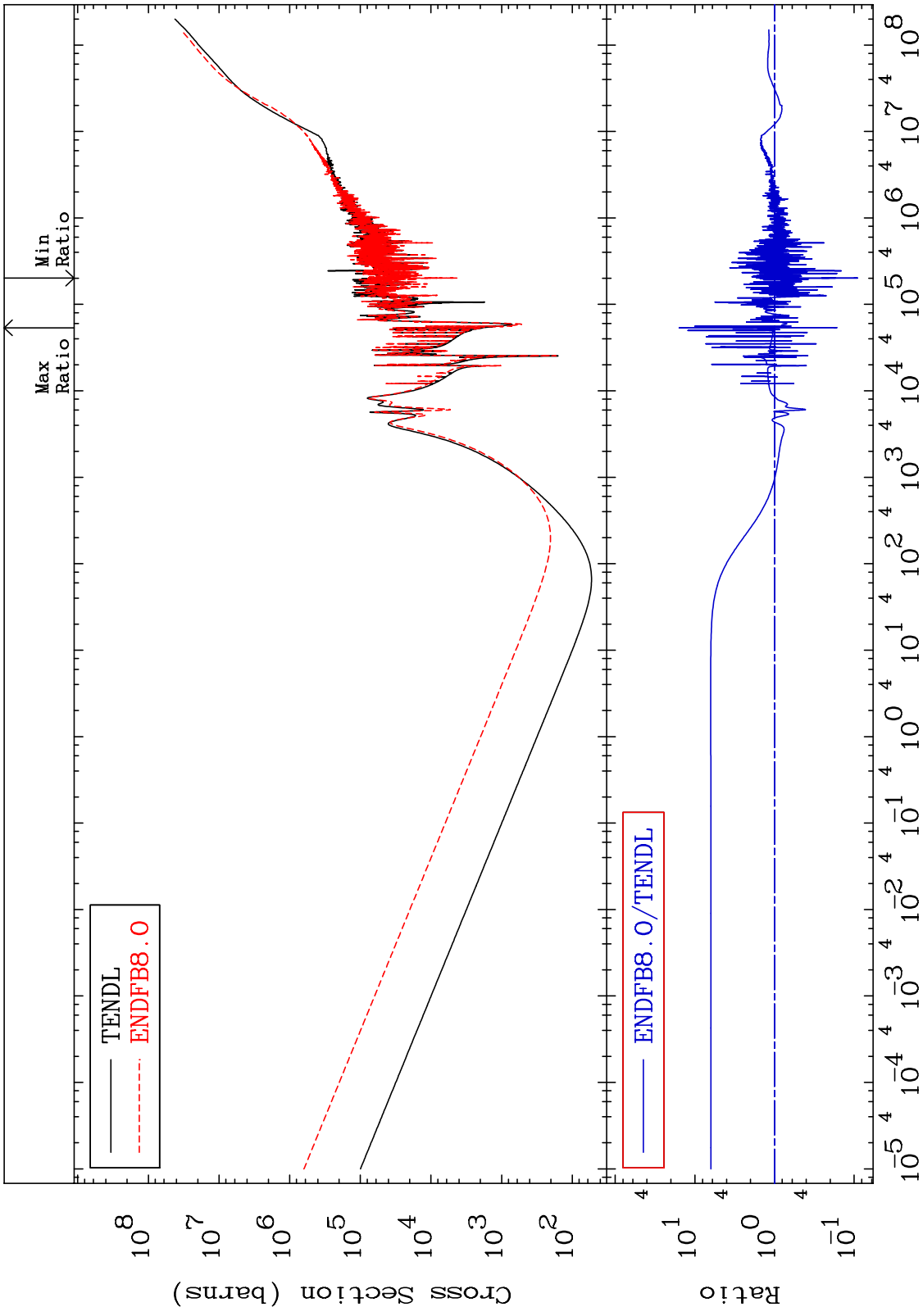
MAT 2434

Total photon (eV-barns)
Cross Section

24-Cr-53
-99.92 To 9999. %



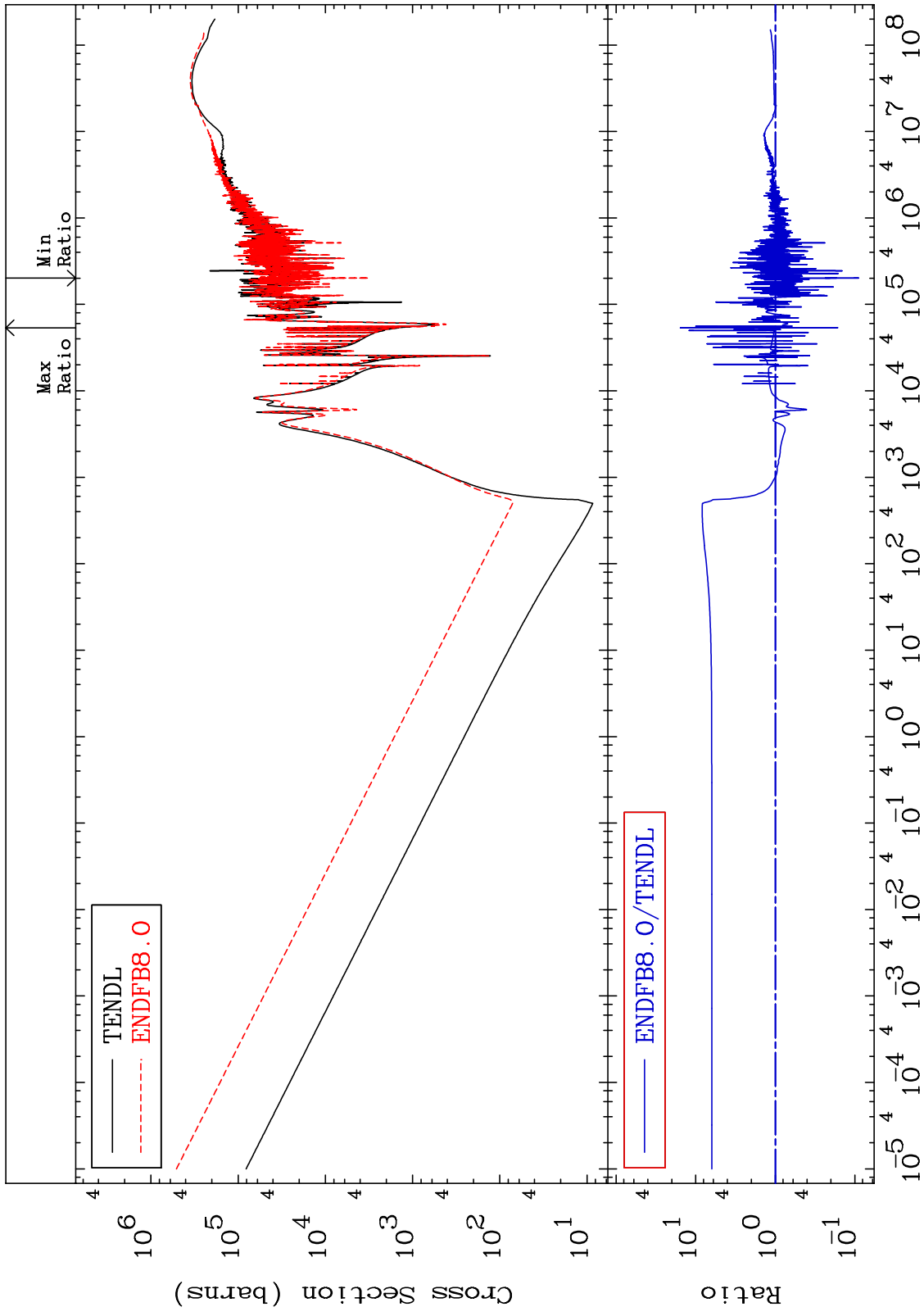
MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
 Cross Section -91.02 To 1480. %



MAT 2434

Dpa total (eV-barns)
Cross Section

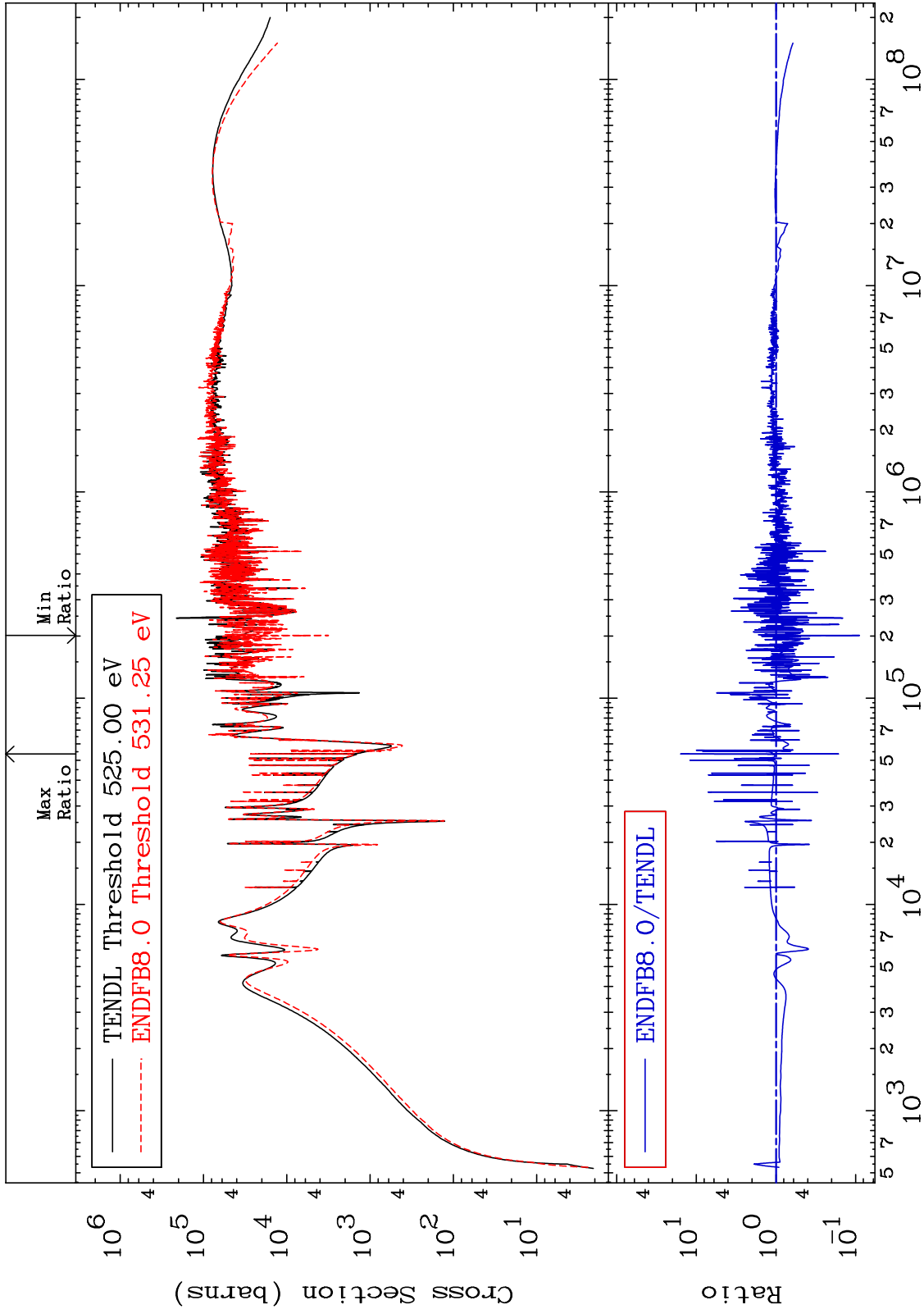
24-Cr-53
-91.08 To 1468. %



MAT 2434

Dpa elastic (mt2)
Cross Section

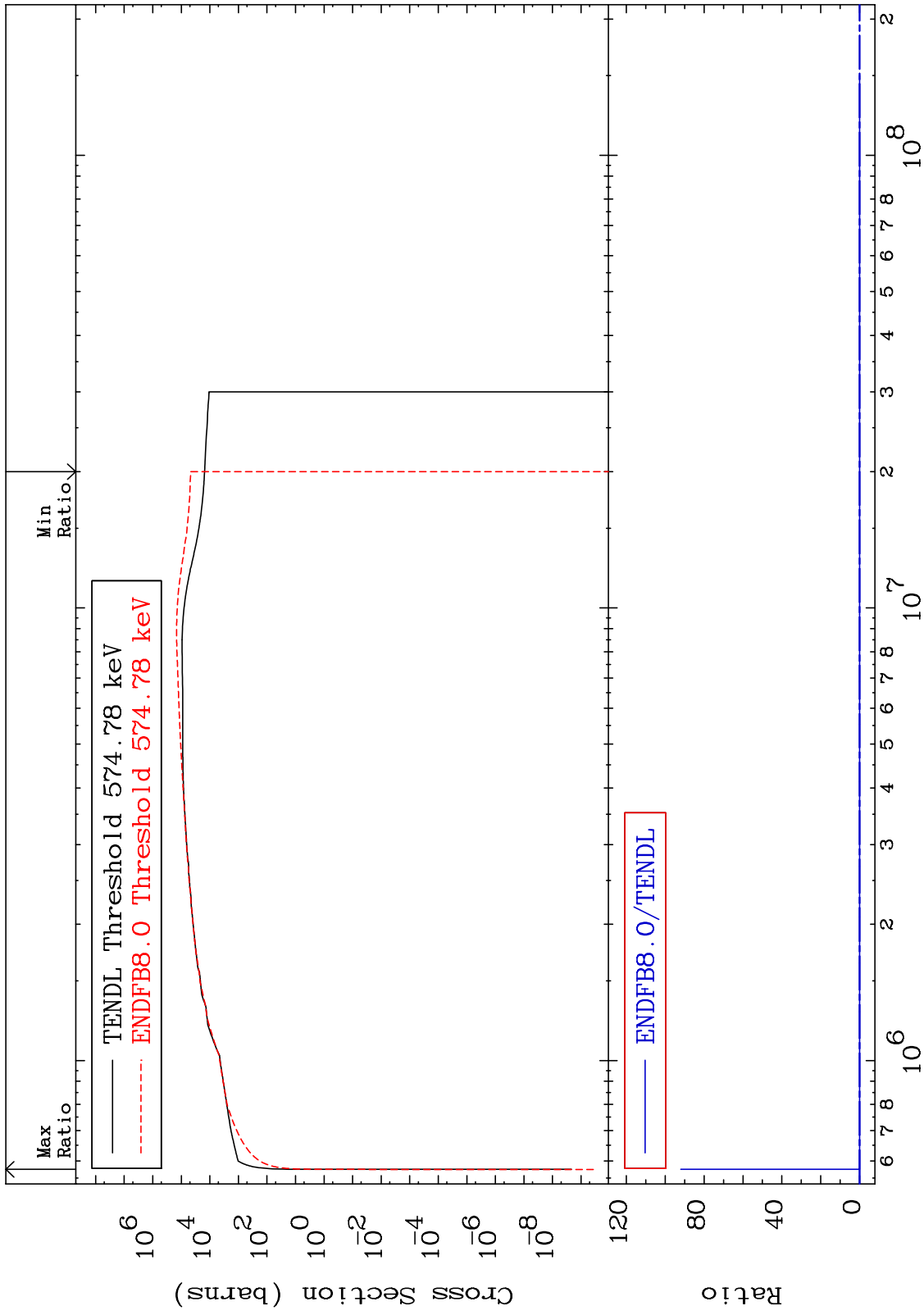
24-Cr-53
-91.09 To 1468. %



MAT 2434

Dpa inelastic (mt51-91)
Cross Section

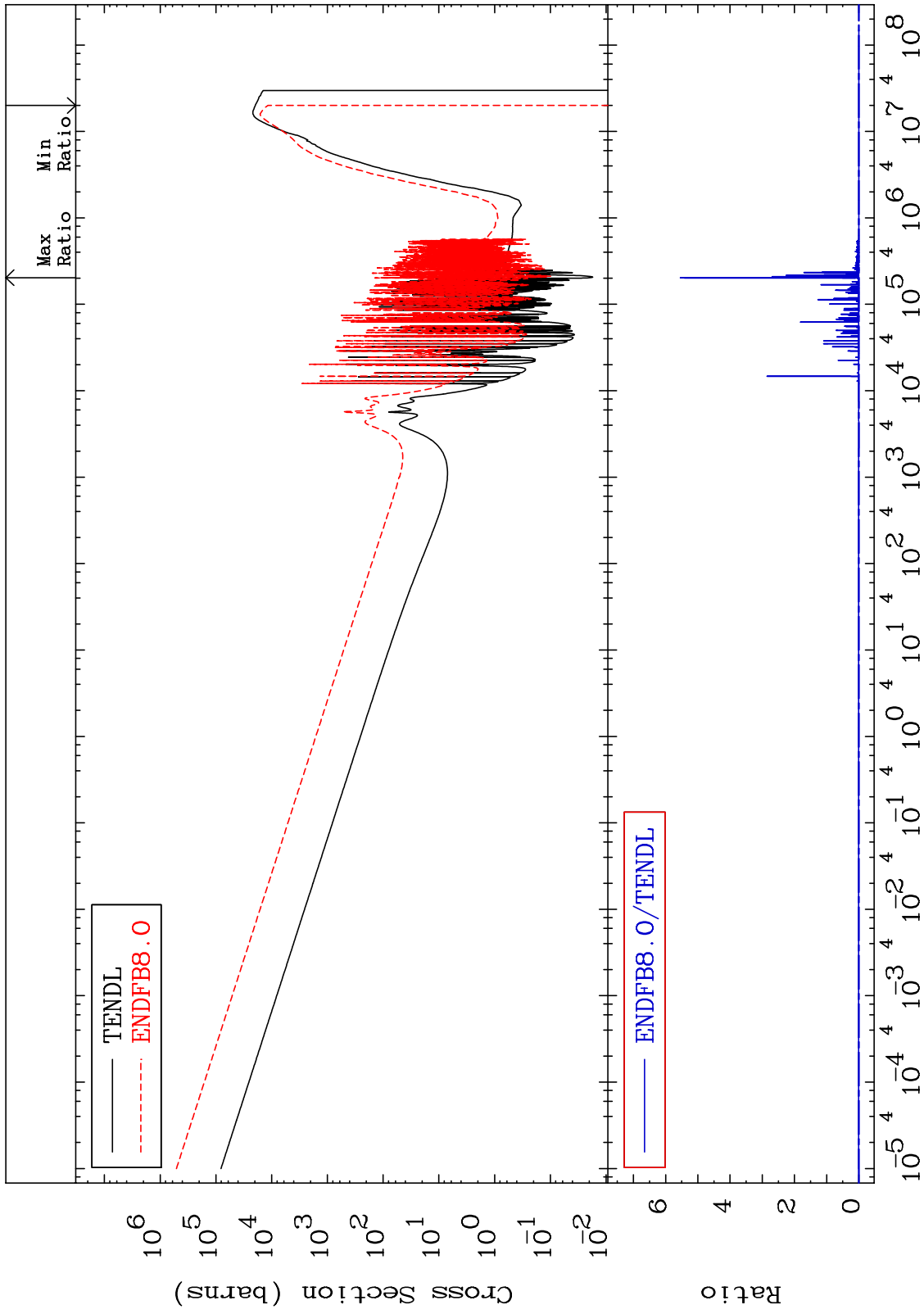
24-Cr-53
-100.0 To 9999. %



MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-100.0 To 9999. %



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Incident Energy (eV)

24-Cr-53