

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

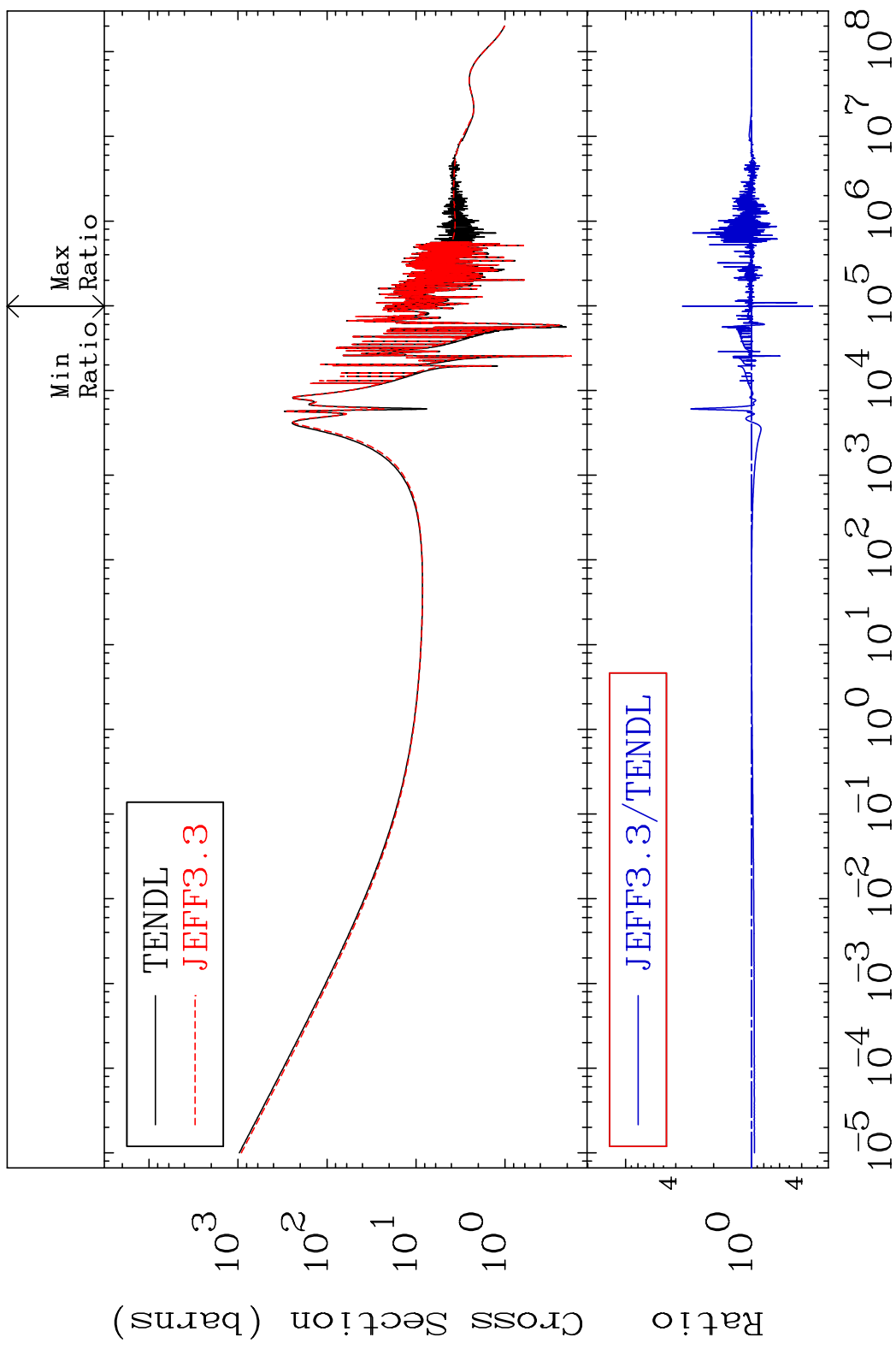
MAT 2434

Total

24-Cr-53

Cross Section

-67.25 To 254.4 %



1

Incident Energy (eV)

24-Cr-53

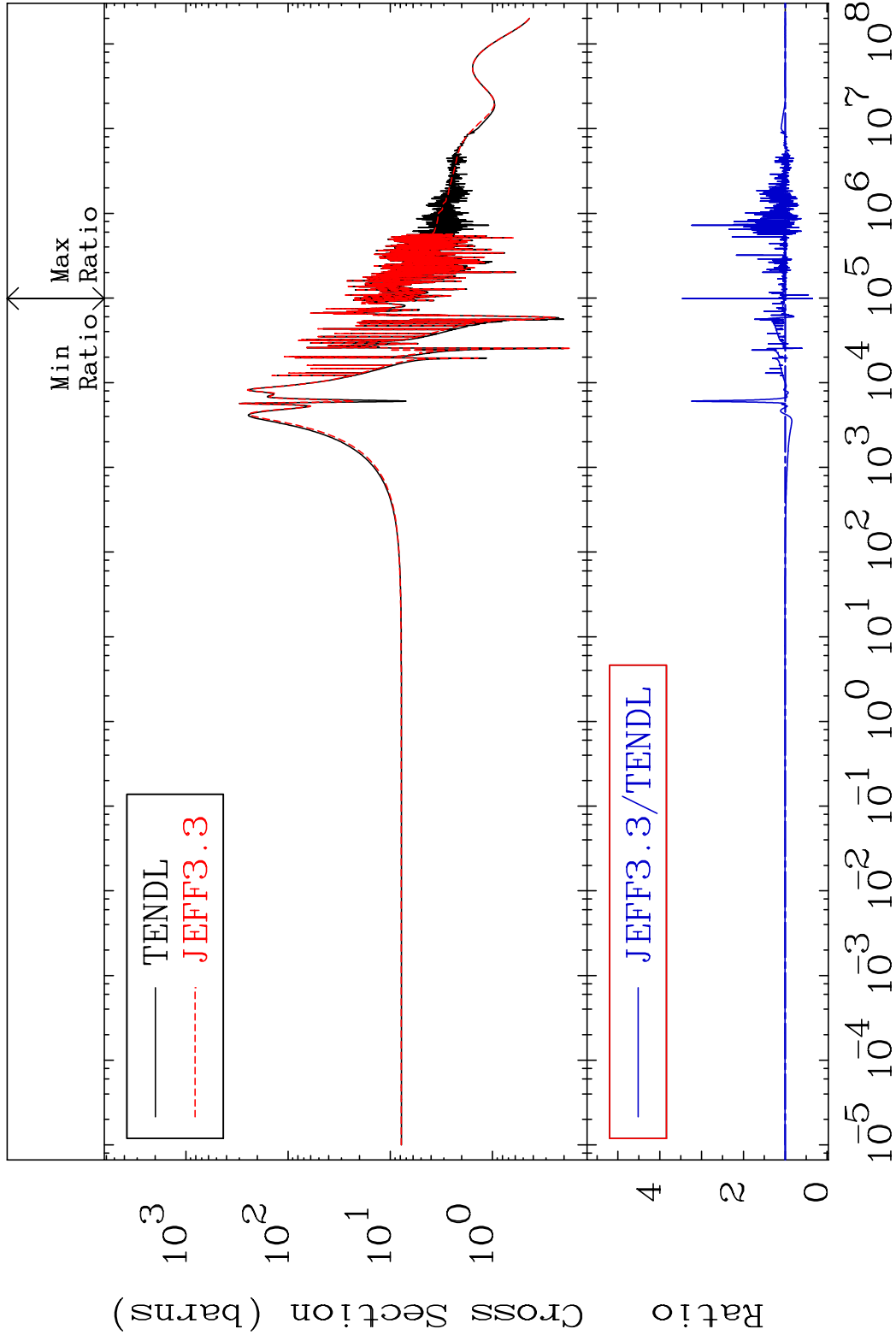
MAT 2434

Elastic

24-Cr-53

Cross Section

-65.35 To 246.0 %



2

Incident Energy (eV)

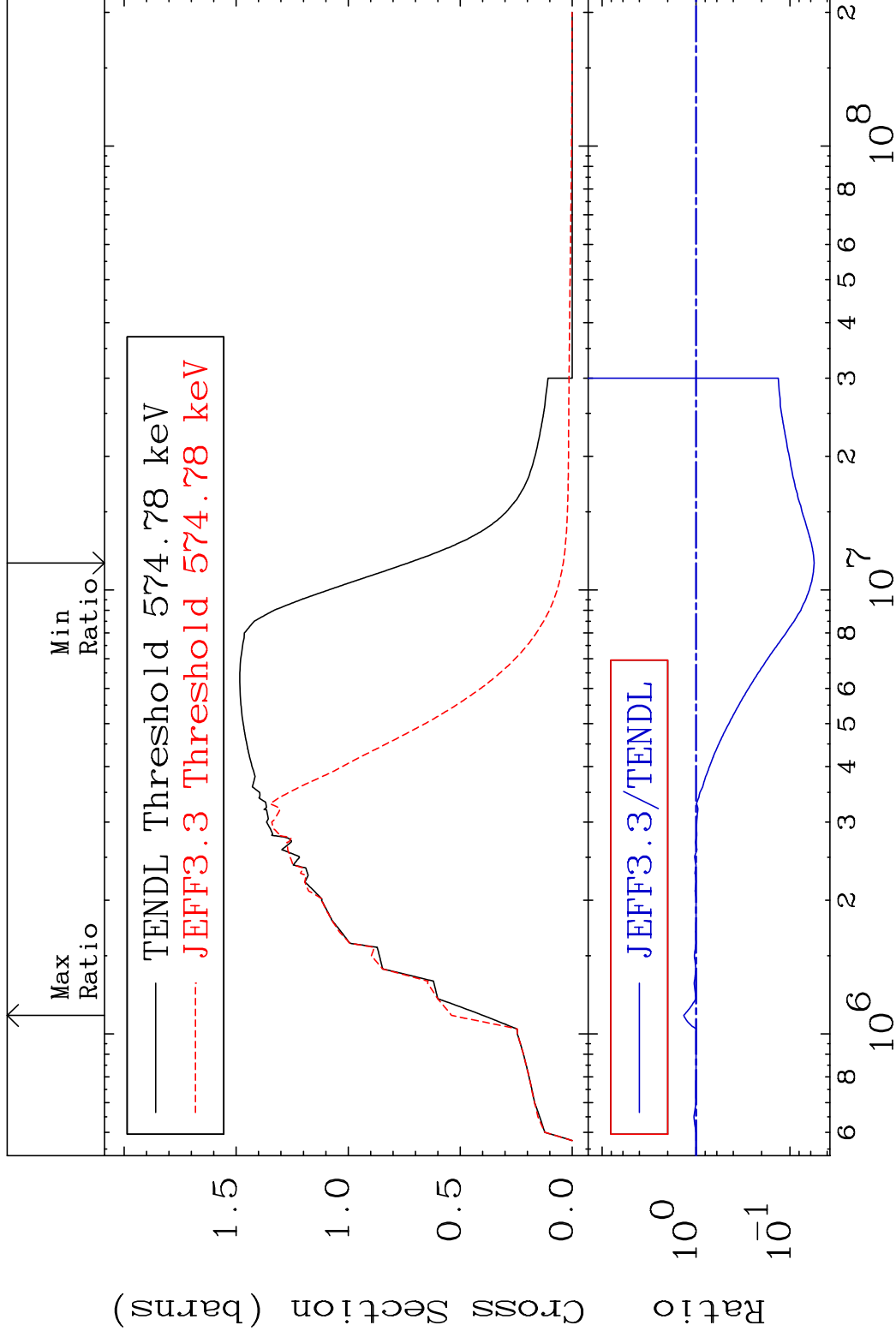
24-Cr-53

MAT 2434

Inelastic

²⁴Cr-53

Cross Section -94.48 To 35.32 %



3

Incident Energy (eV)

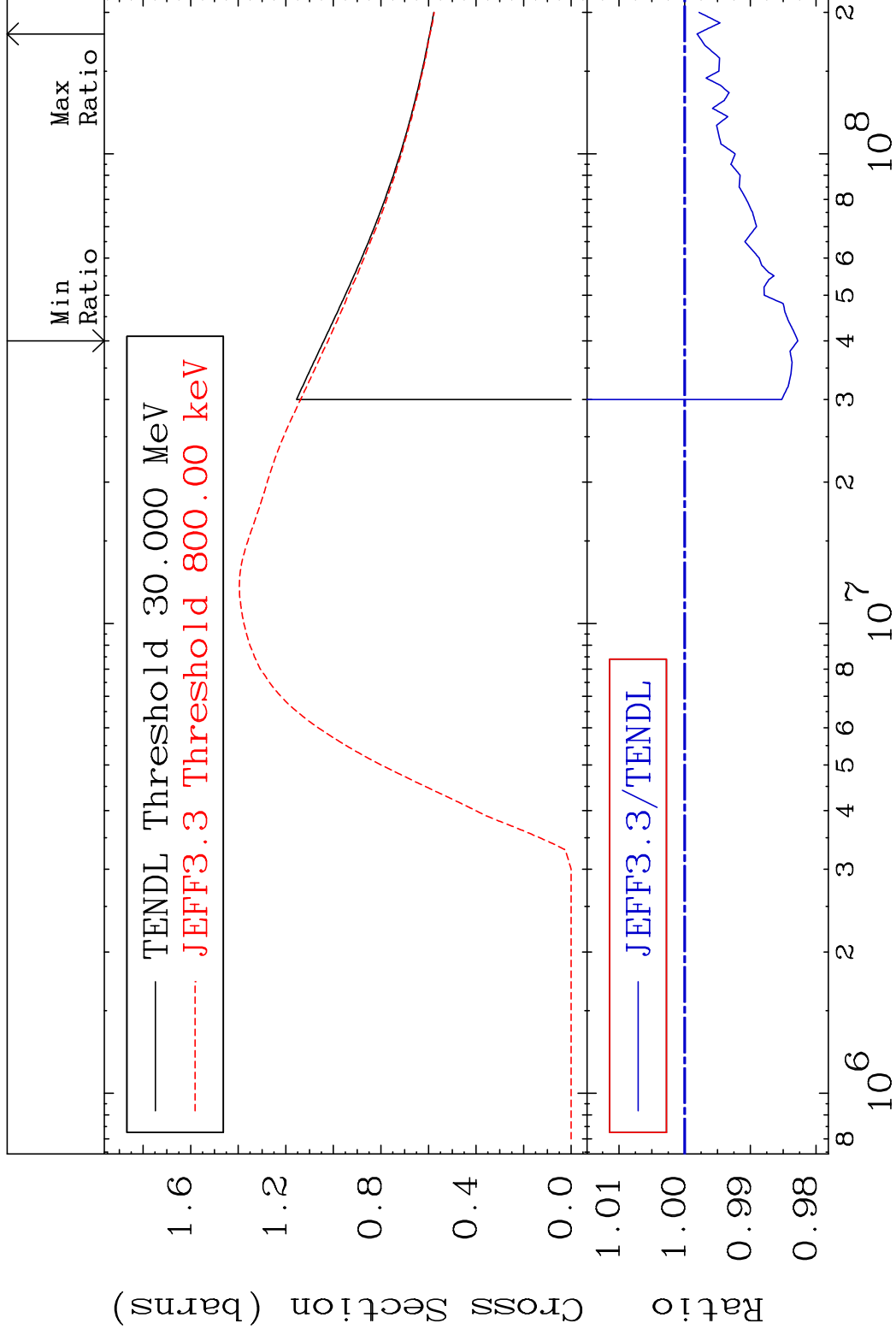
²⁴Cr-53

MAT 2434

(n, remainder)

²⁴Cr-53

Cross Section -1.723 To -0.189%

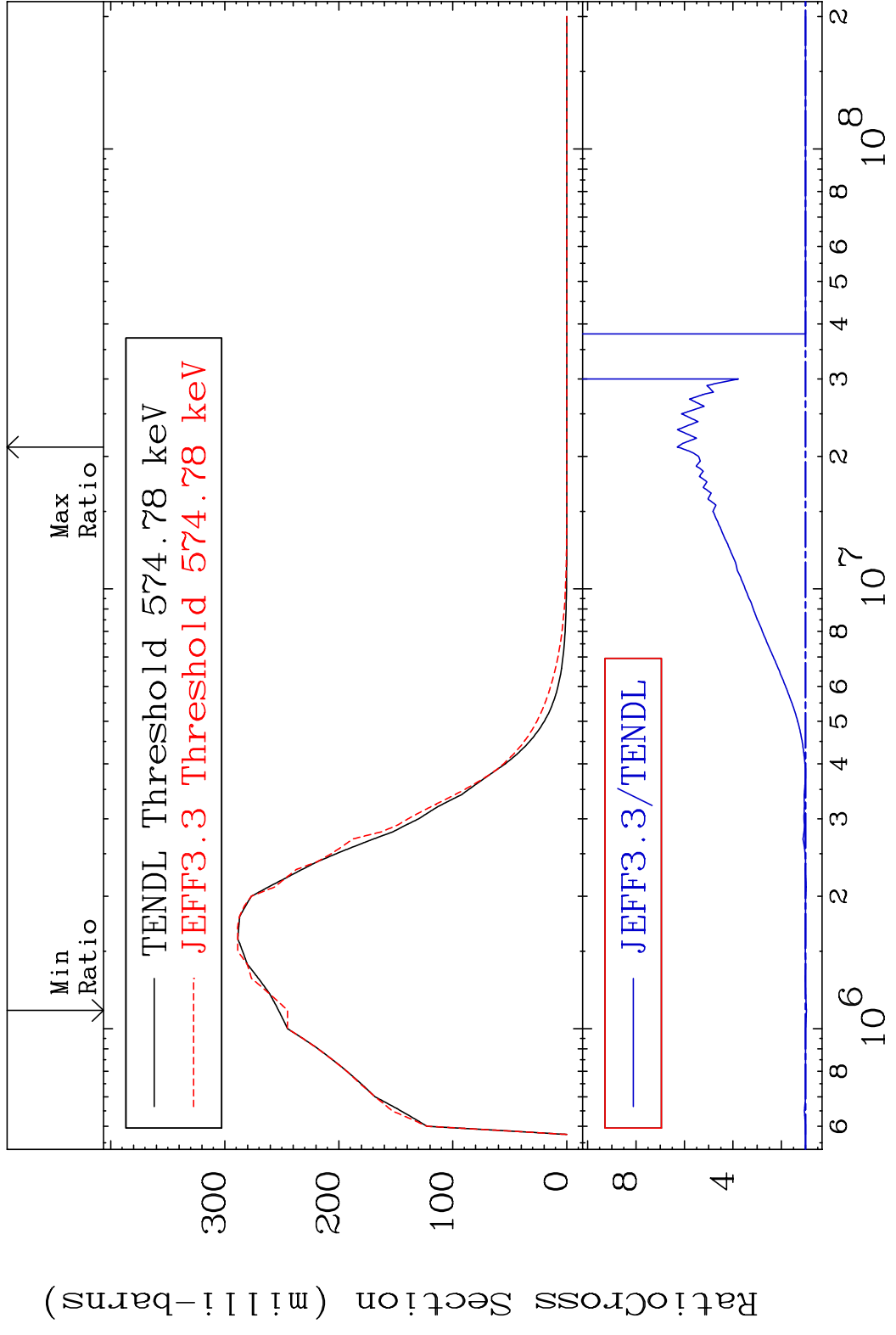


4

Incident Energy (eV)

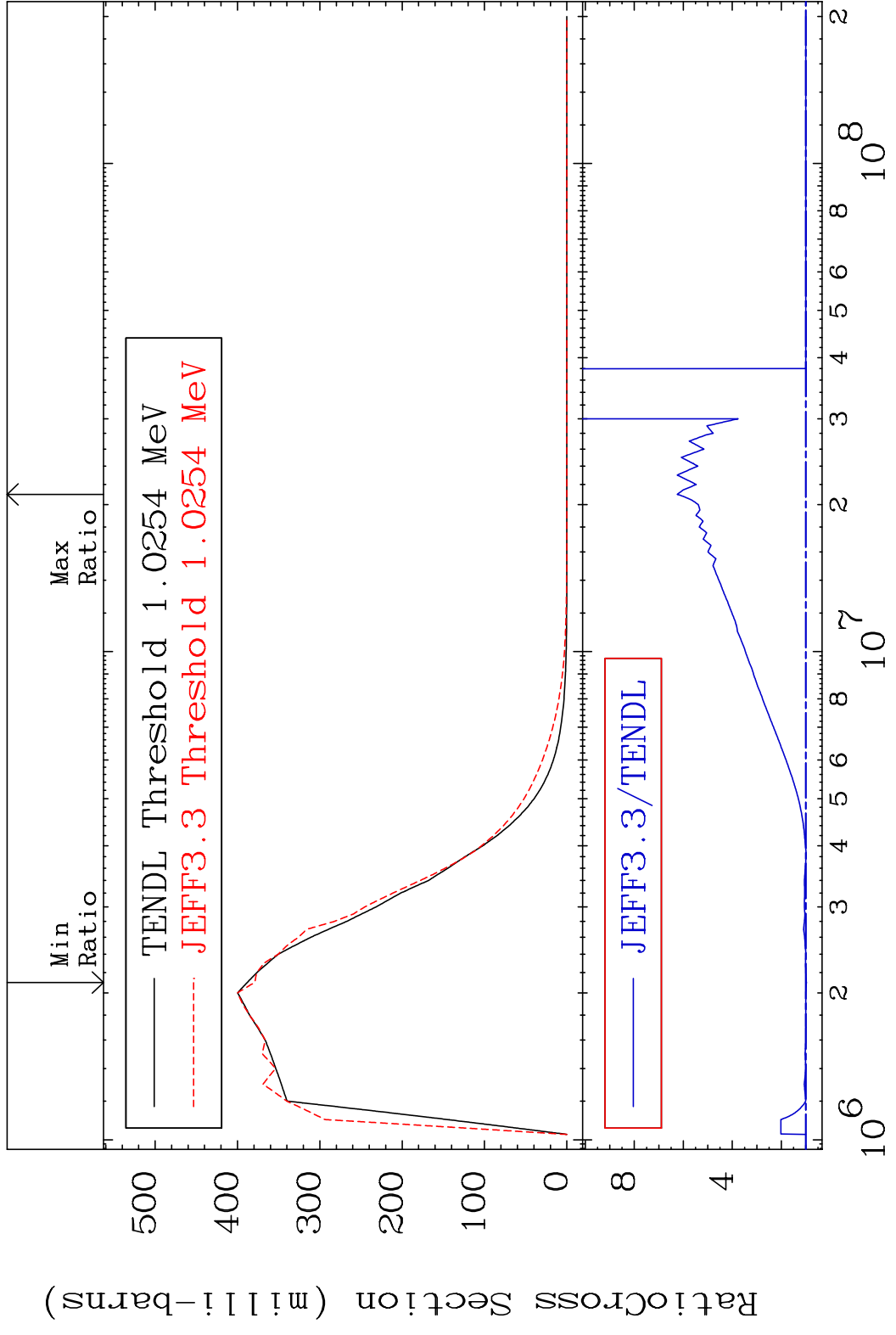
²⁴Cr-53

MAT 2434 MT= 51 (n, n') Level 24-Cr-53
 Cross Section -3.132 To 530.0 %



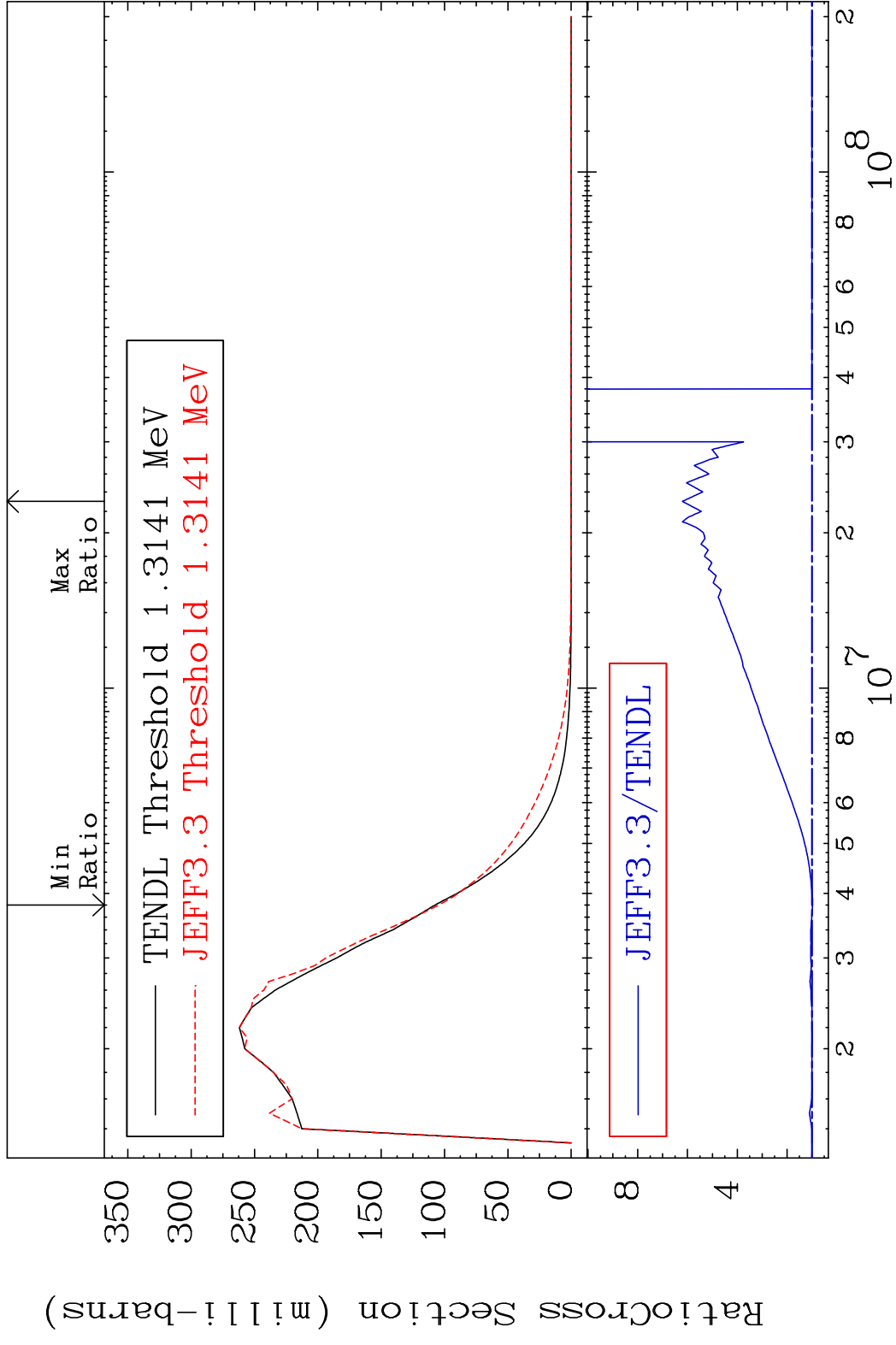
5 24-Cr-53

MAT 2434 MT= 52 (n, n') Level 24-Cr-53
 Cross Section -2.327 To 525.0 %



6 24-Cr-53

MAT 2434 MT= 53 (n, n') Level 24-Cr-53
 Cross Section -2.728 To 520.7 %

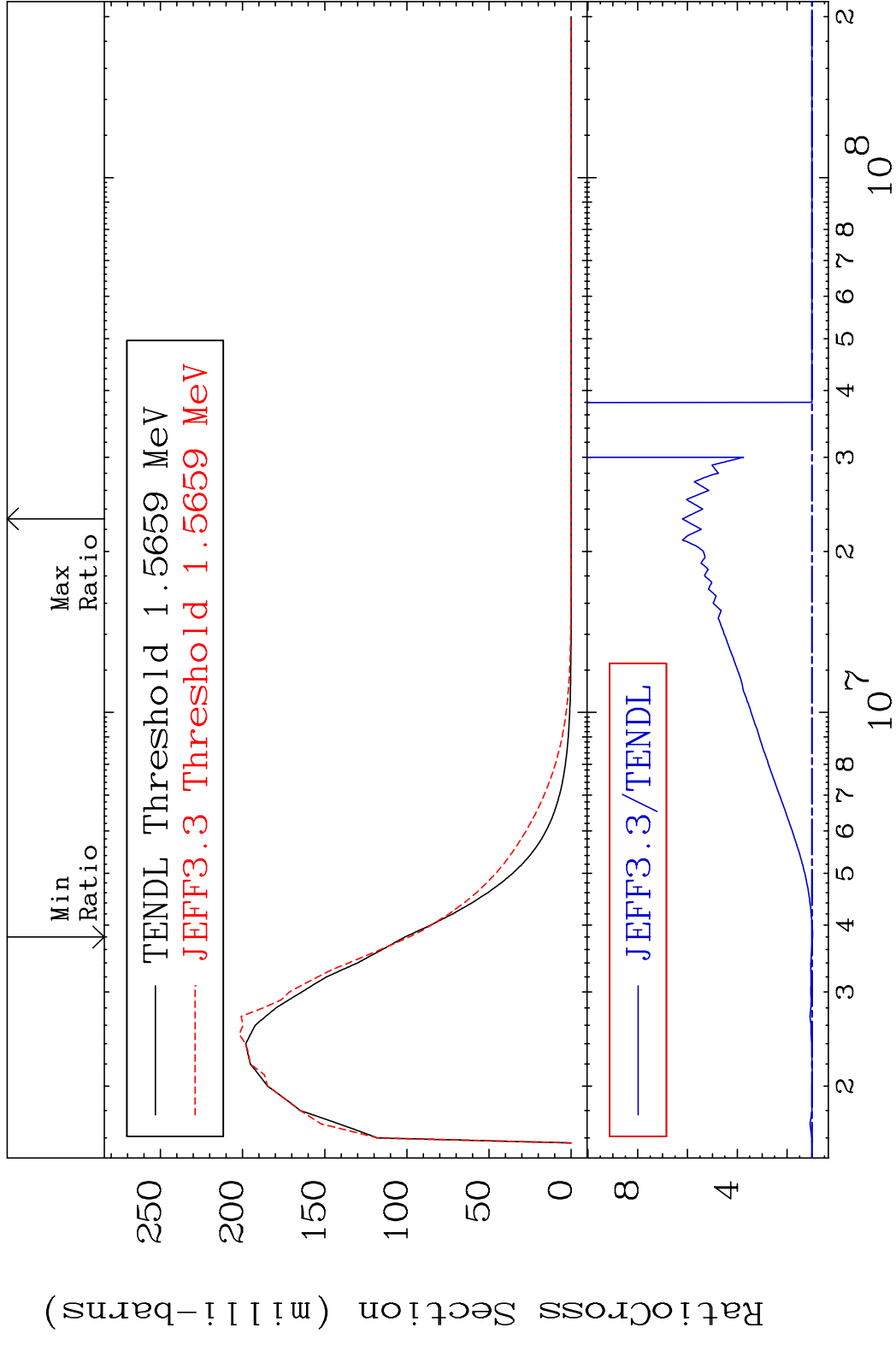


MAT 2434

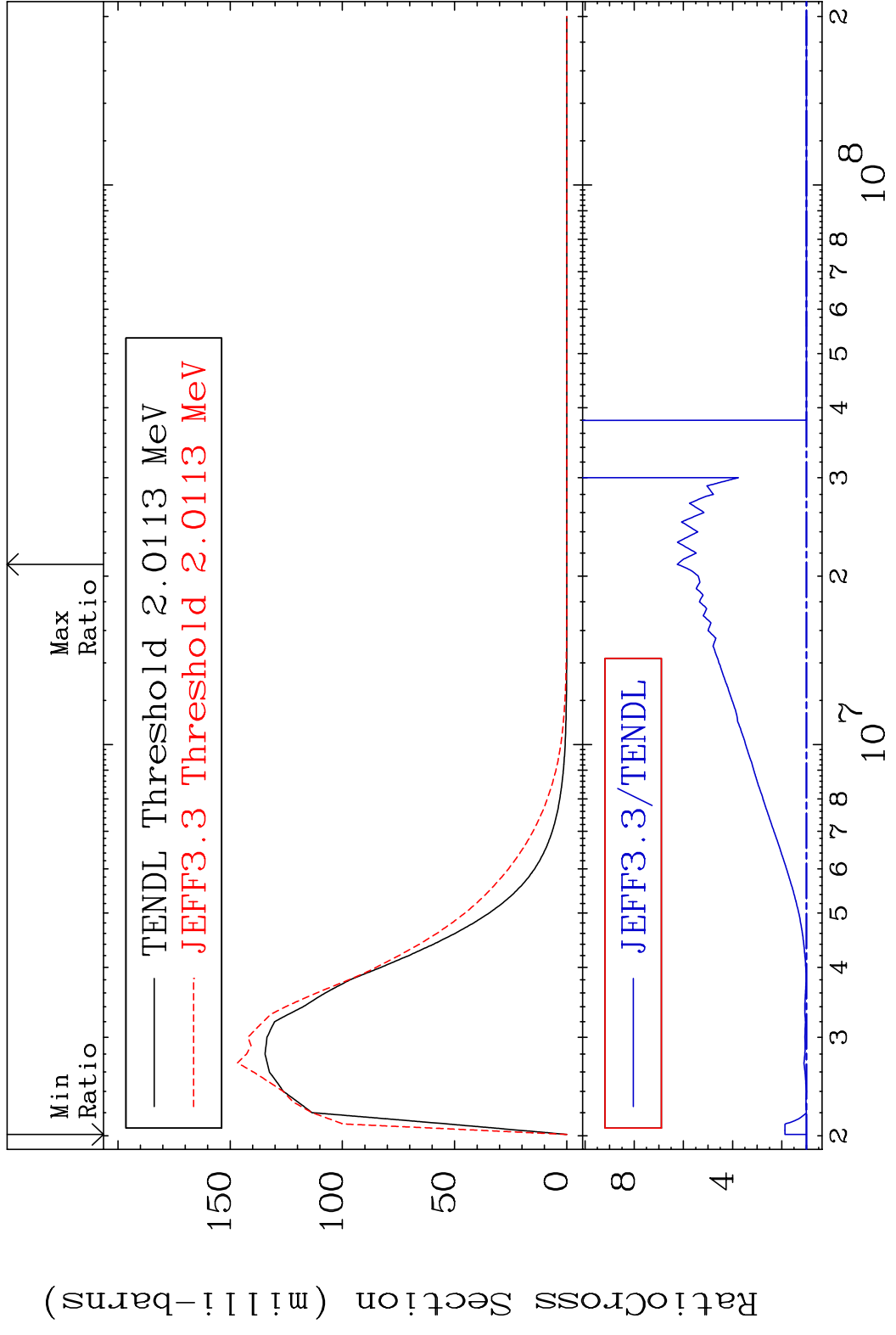
MT= 54 (n, n') Level

24-Cr-53

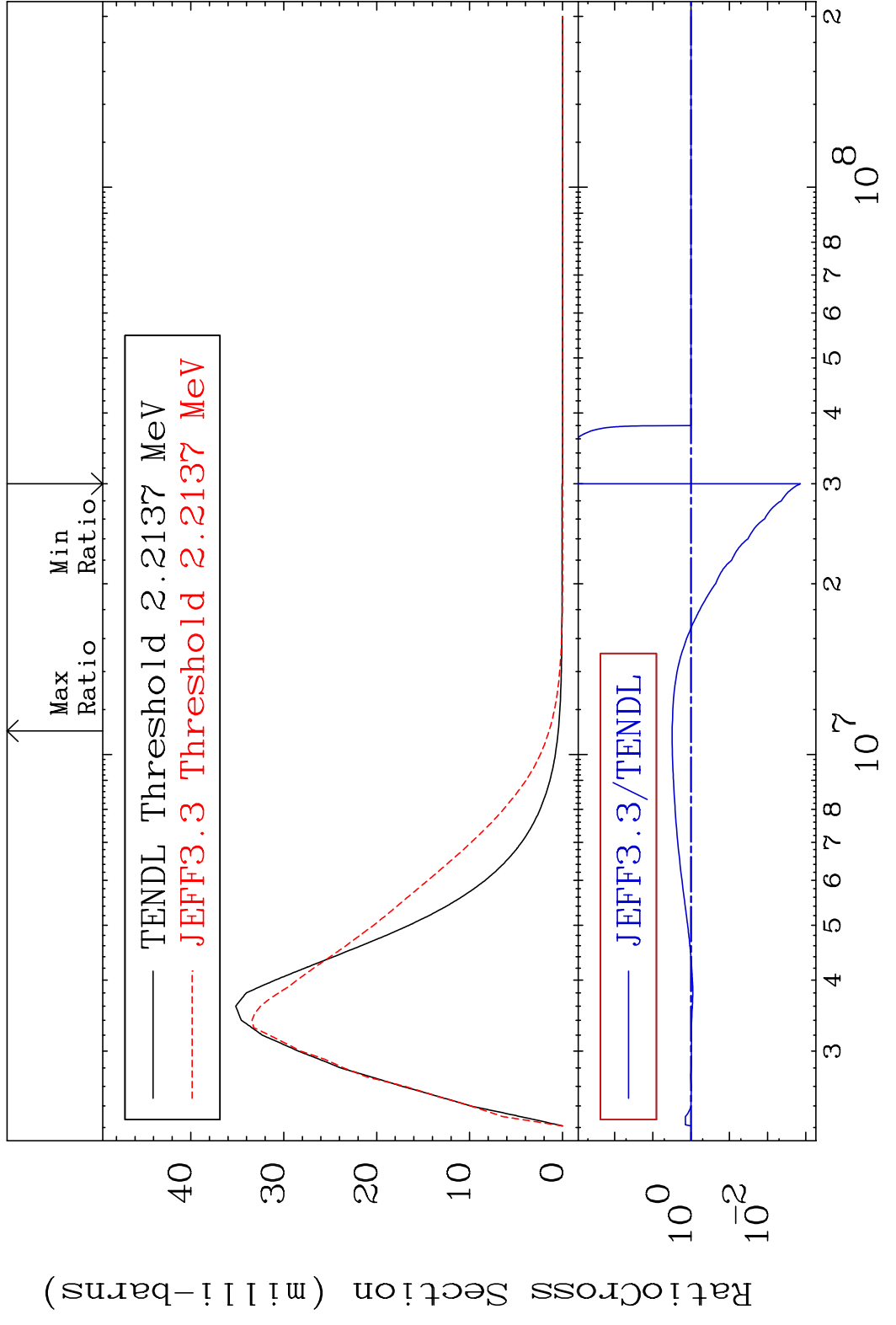
Cross Section -2.432 To 520.7 %



MAT 2434 MT= 55 (n, n') Level 24-Cr-53
 Cross Section 0.000 To 525.3 %



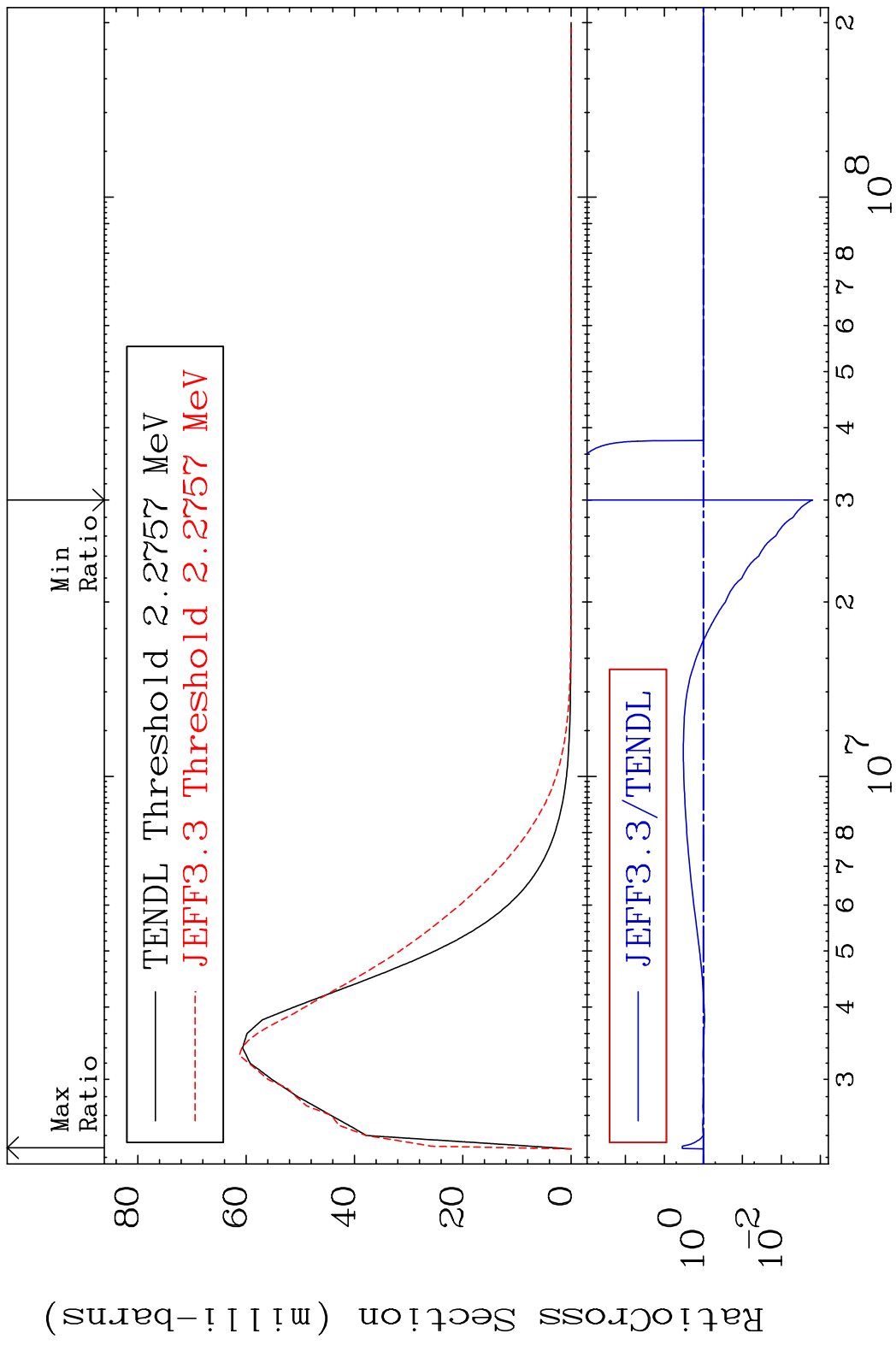
MAT 2434 MT= 56 (n, n') Level 24-Cr-53
 Cross Section -99.86 To 214.0 %



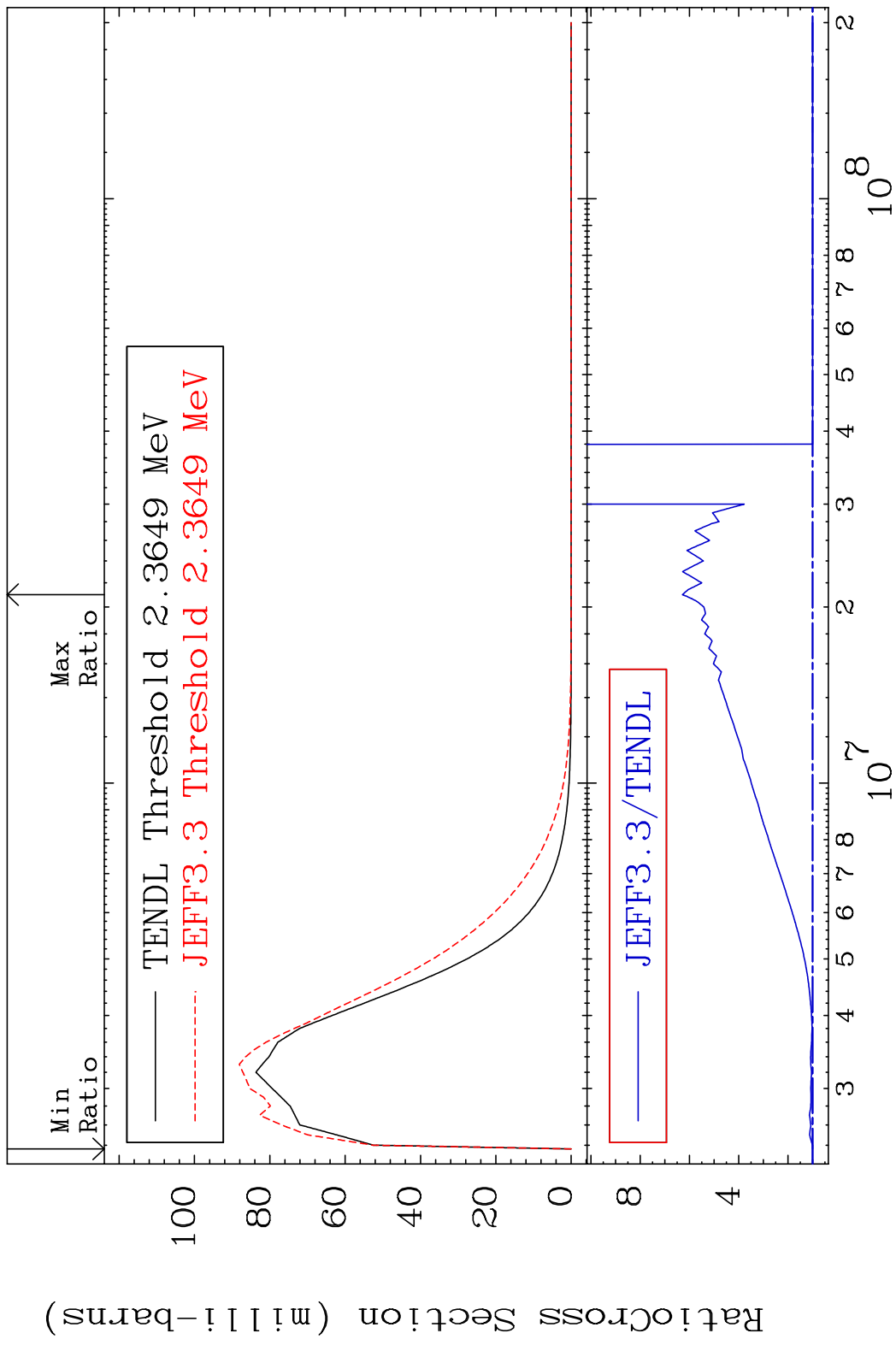
10

10⁷ 10⁸

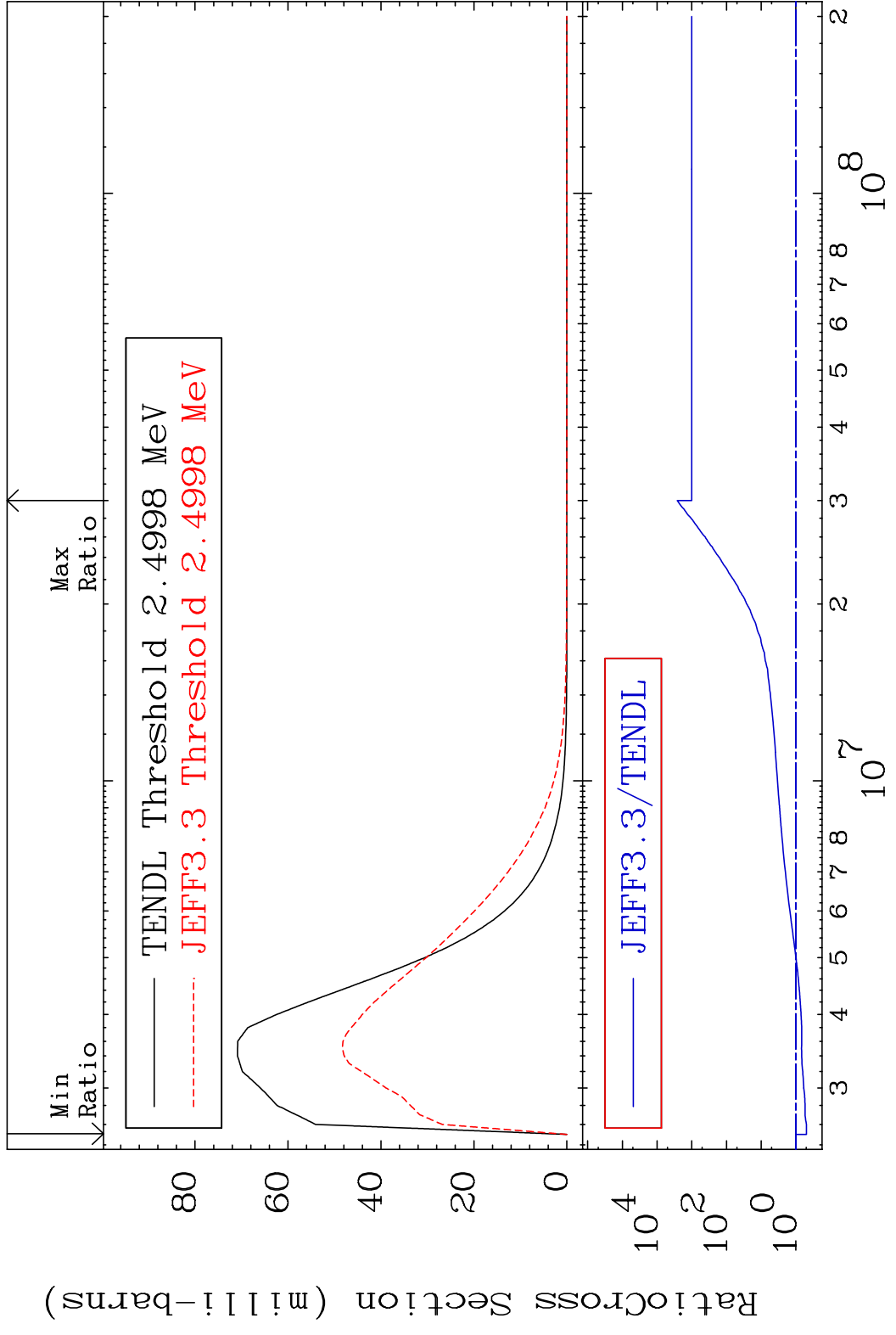
MAT 2434 MT= 57 (n, n') Level 24-Cr-53
 Cross Section -99.84 To 247.3 %



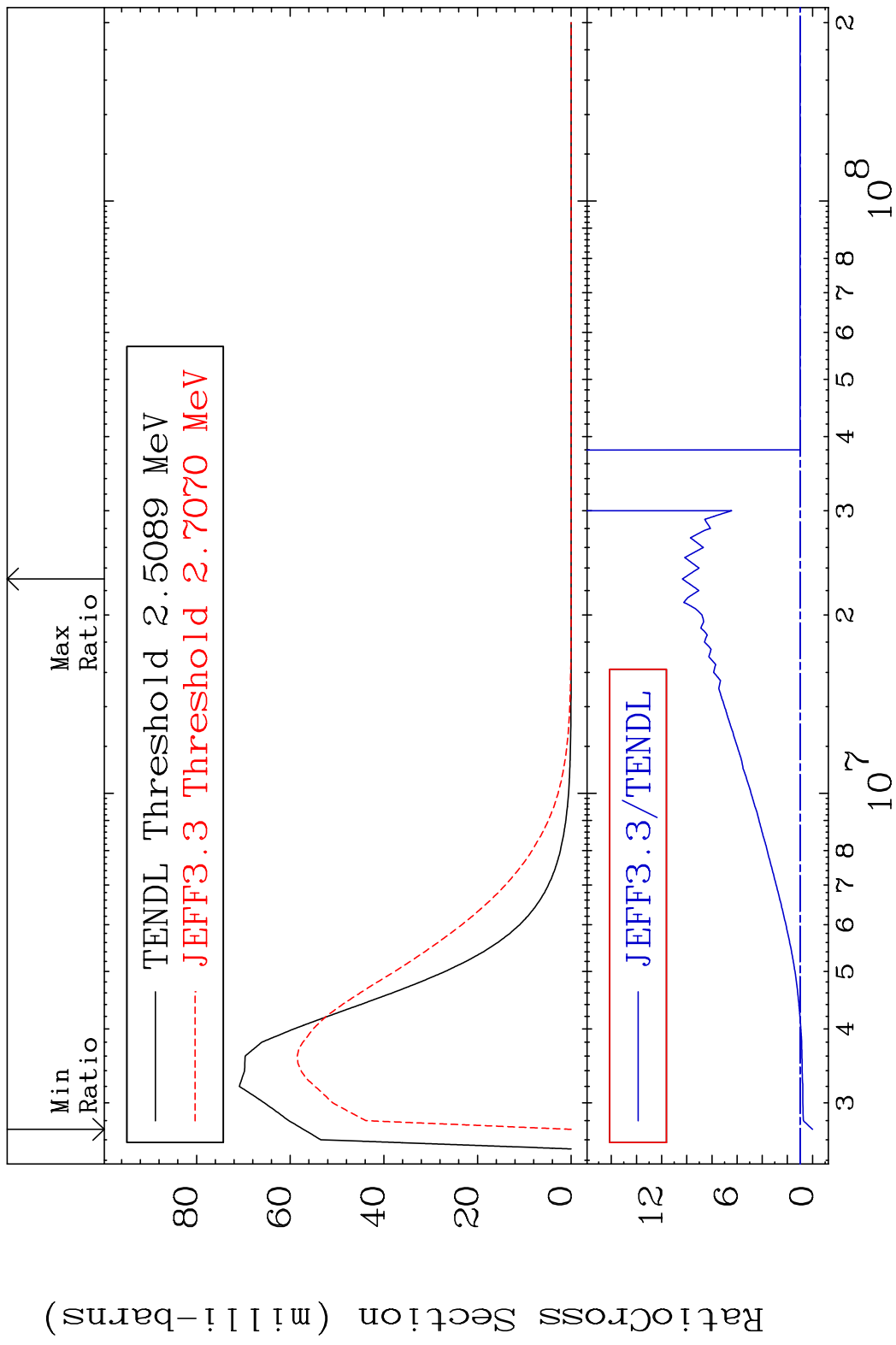
MAT 2434 MT= 58 (n, n') Level 24-Cr-53
 Cross Section 0.000 To 528.5 %



MAT 2434 MT= 59 (n, n') Level 24-Cr-53
 Cross Section -50.47 To 9999. %

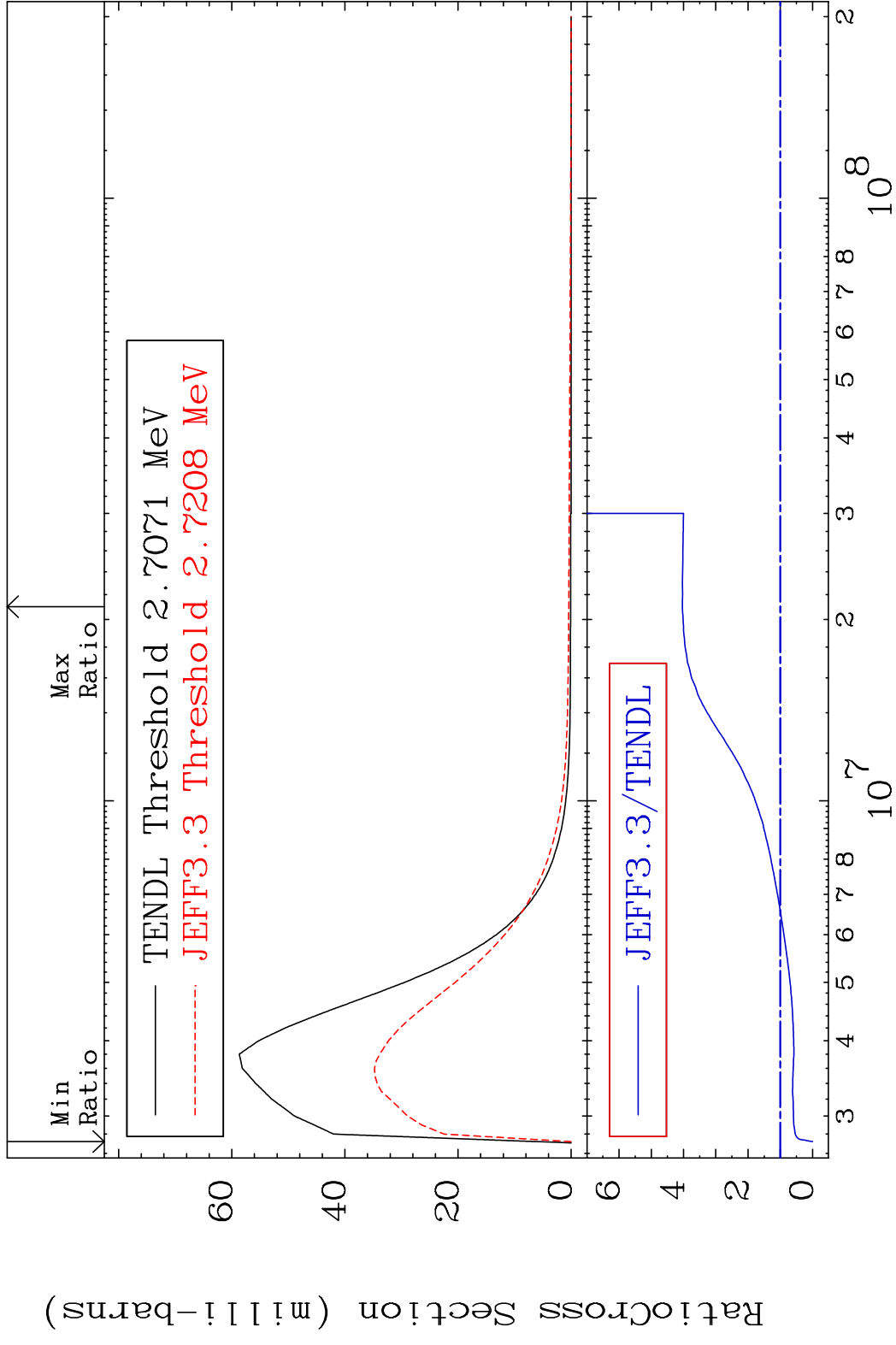


MAT 2434 MT= 60 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 935.1 %

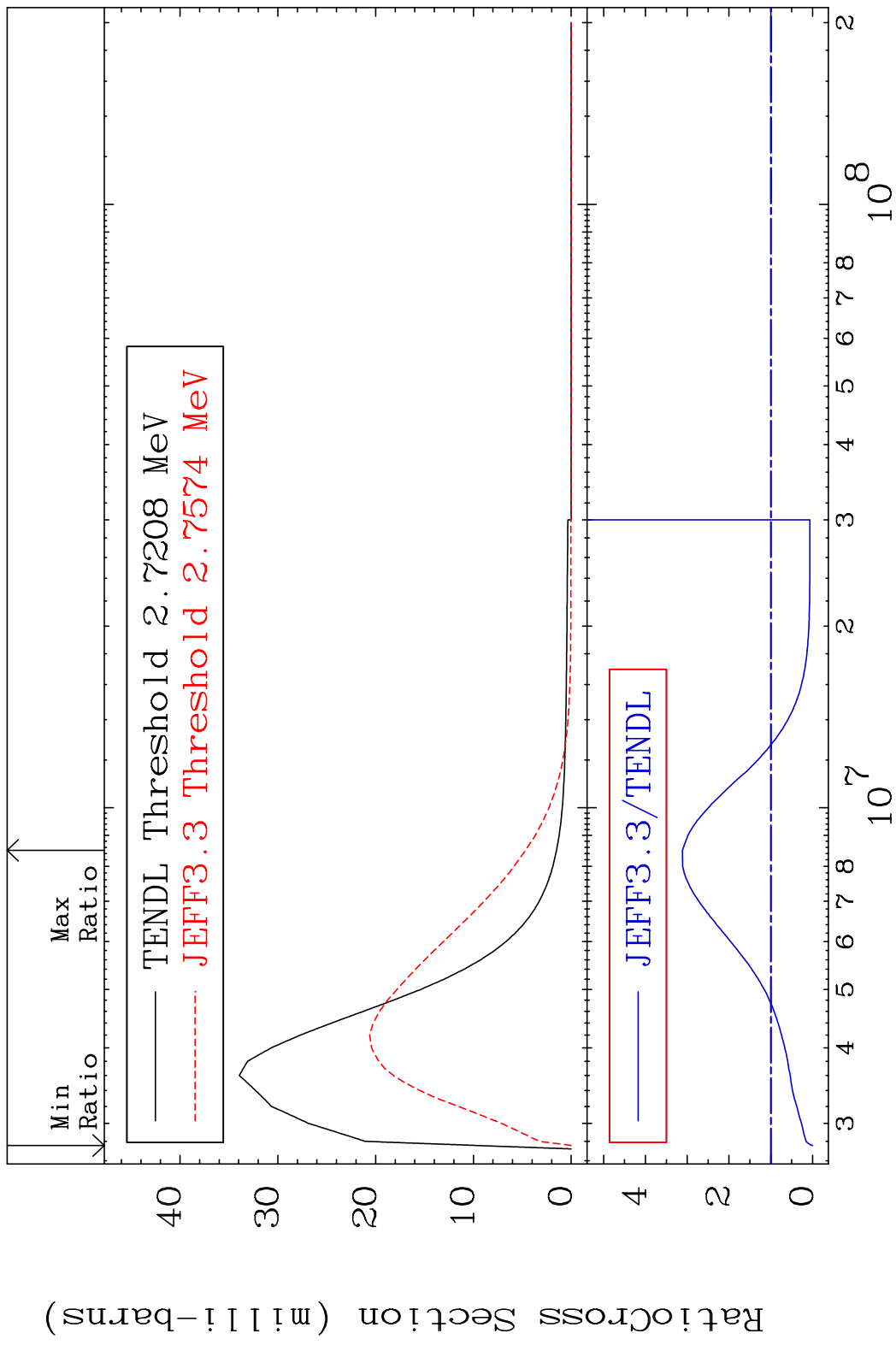


14 Incident Energy (eV) 24-Cr-53

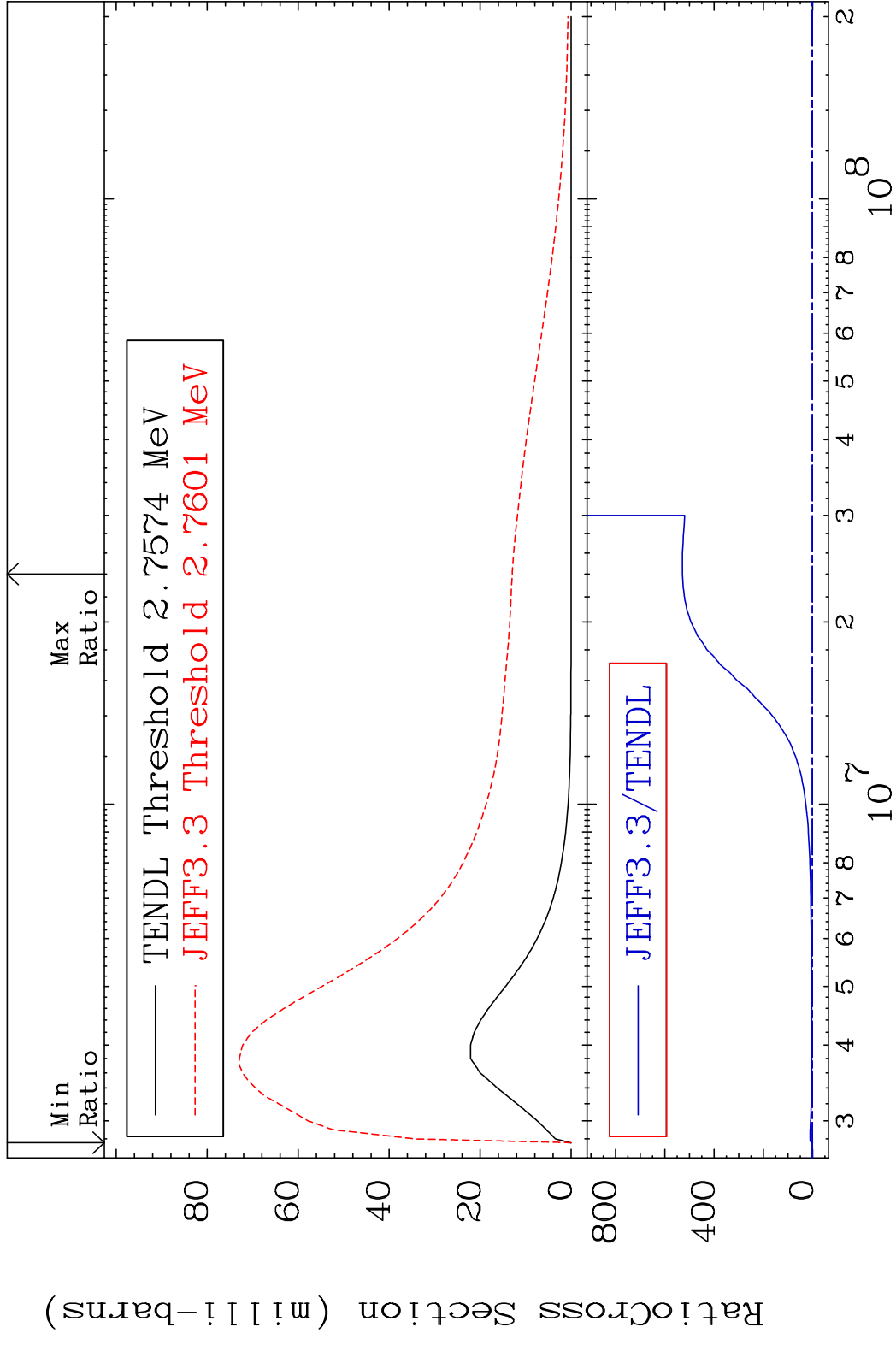
MAT 2434 MT= 61 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 303.6 %



MAT 2434 MT= 62 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 211.6 %

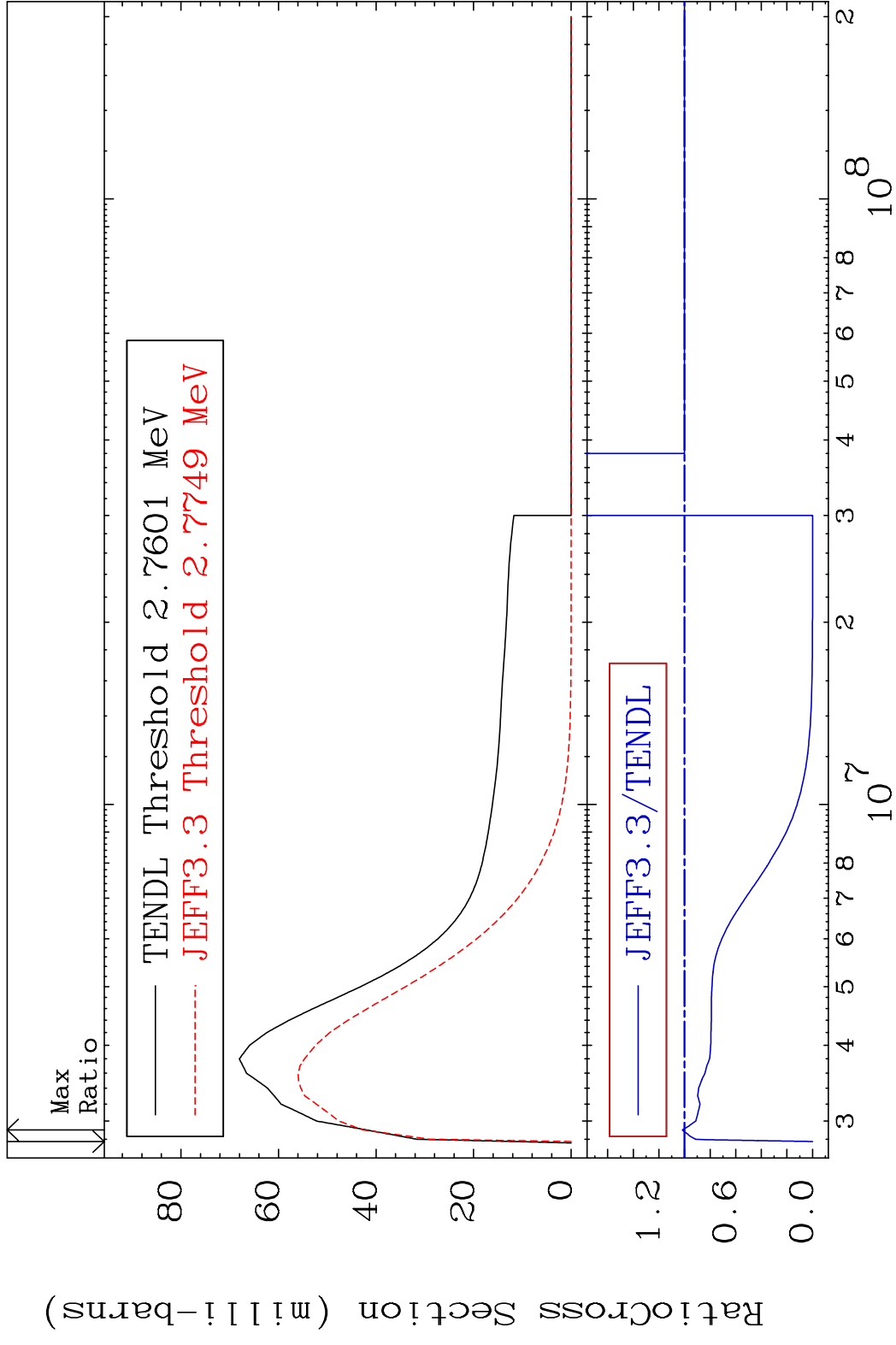


MAT 2434 MT= 63 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %

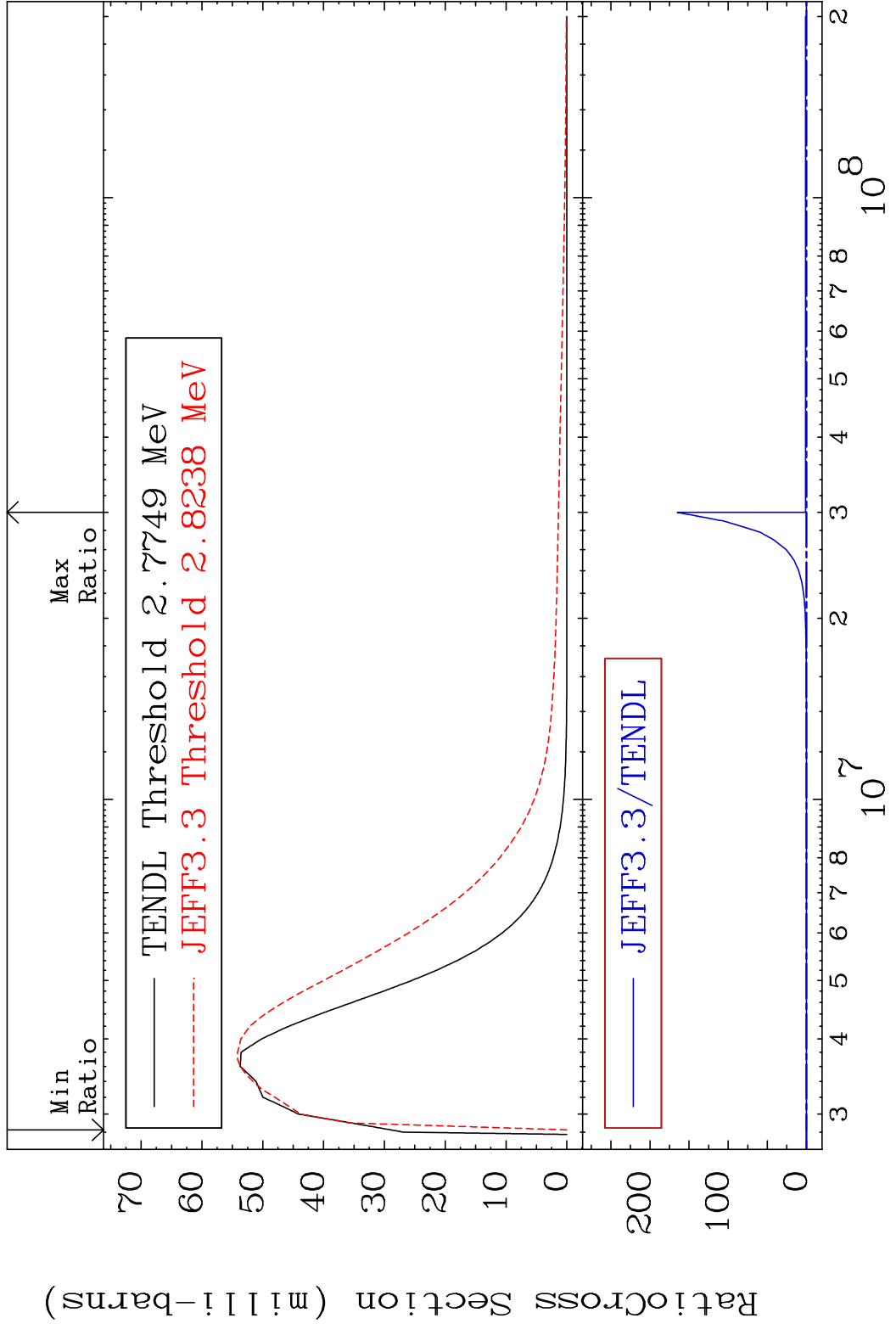


17 Incident Energy (eV) 24-Cr-53

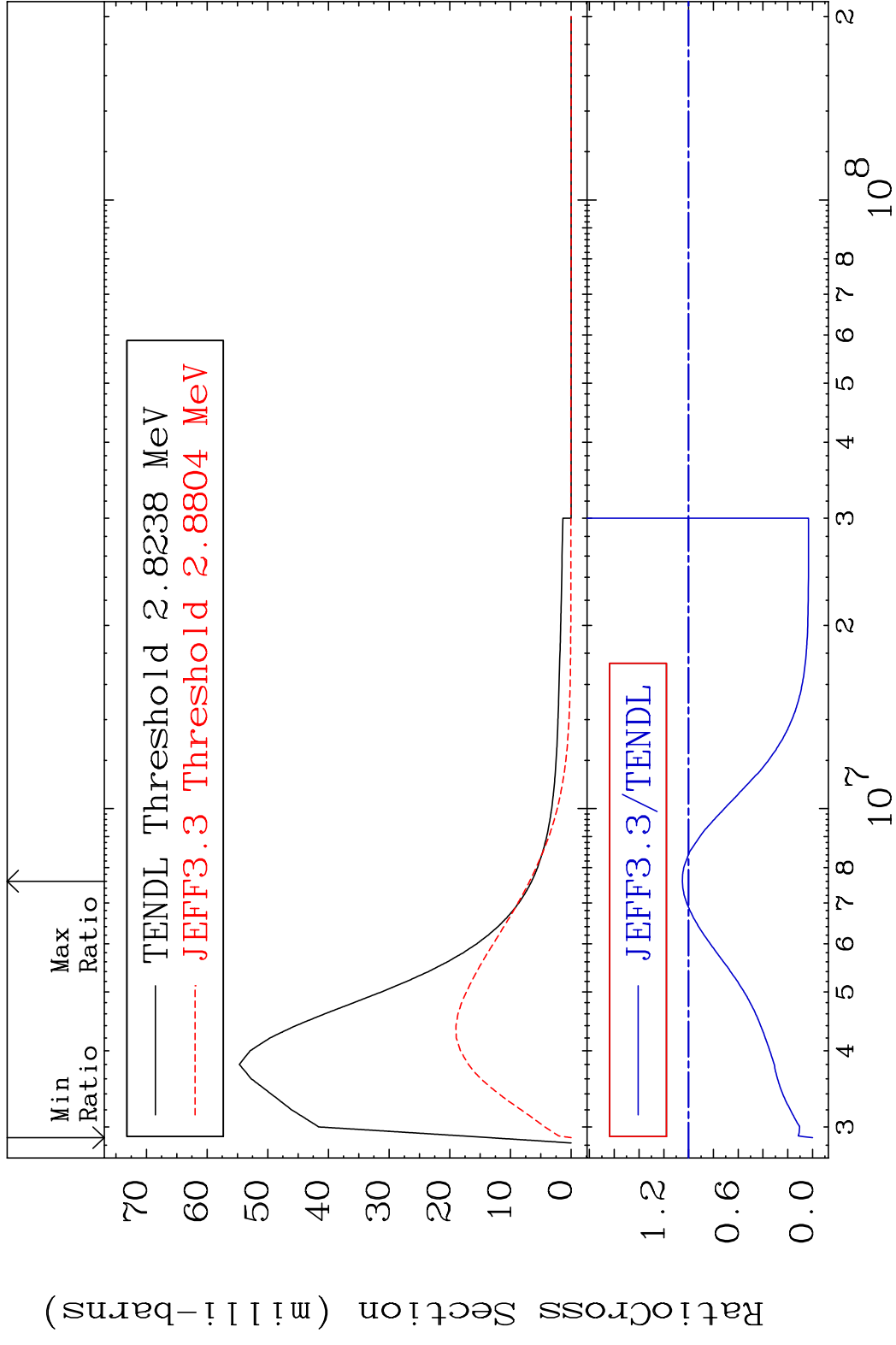
MAT 2434 MT= 64 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 1.692 %



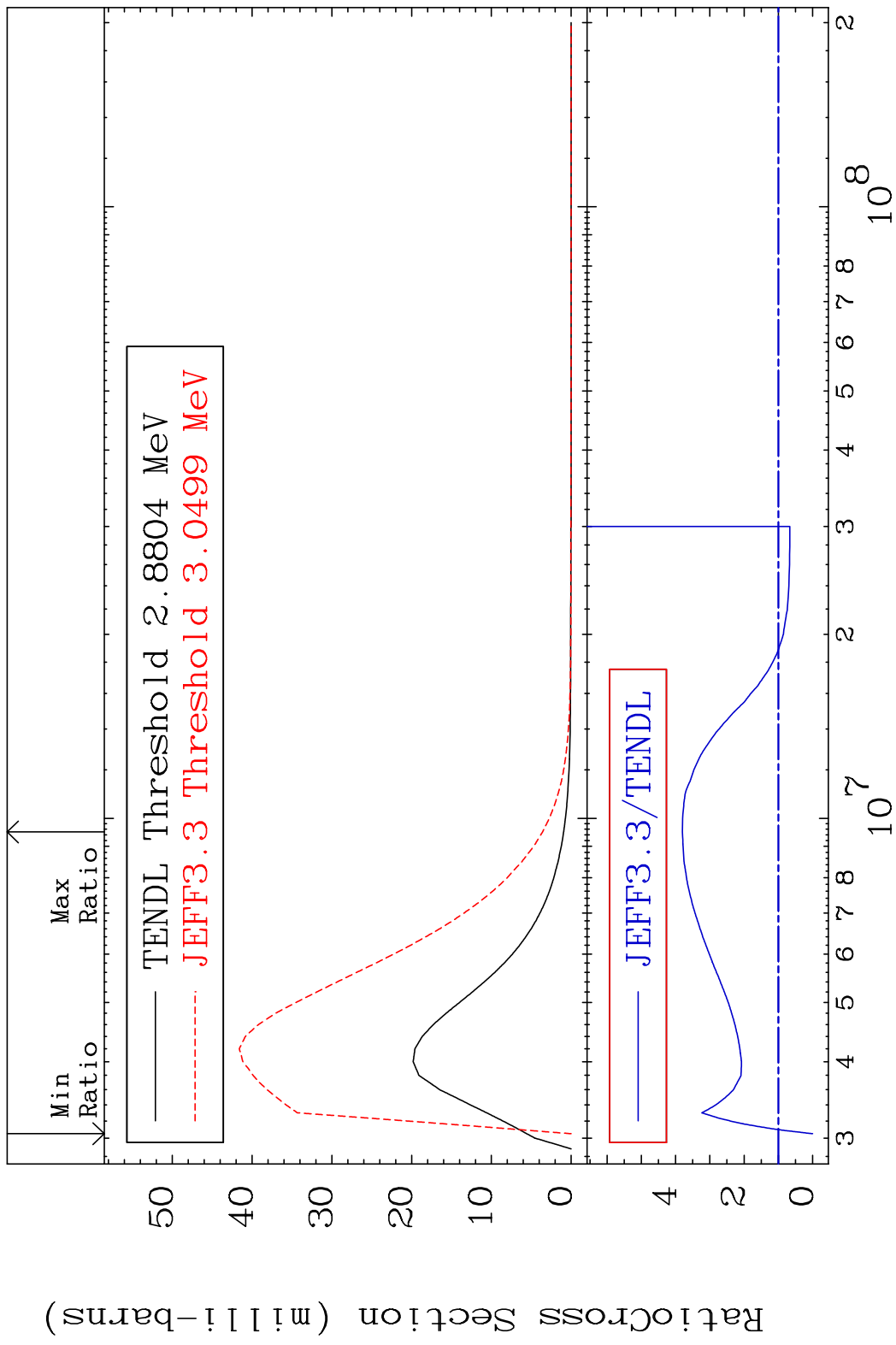
MAT 2434 MT= 65 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 9999. %



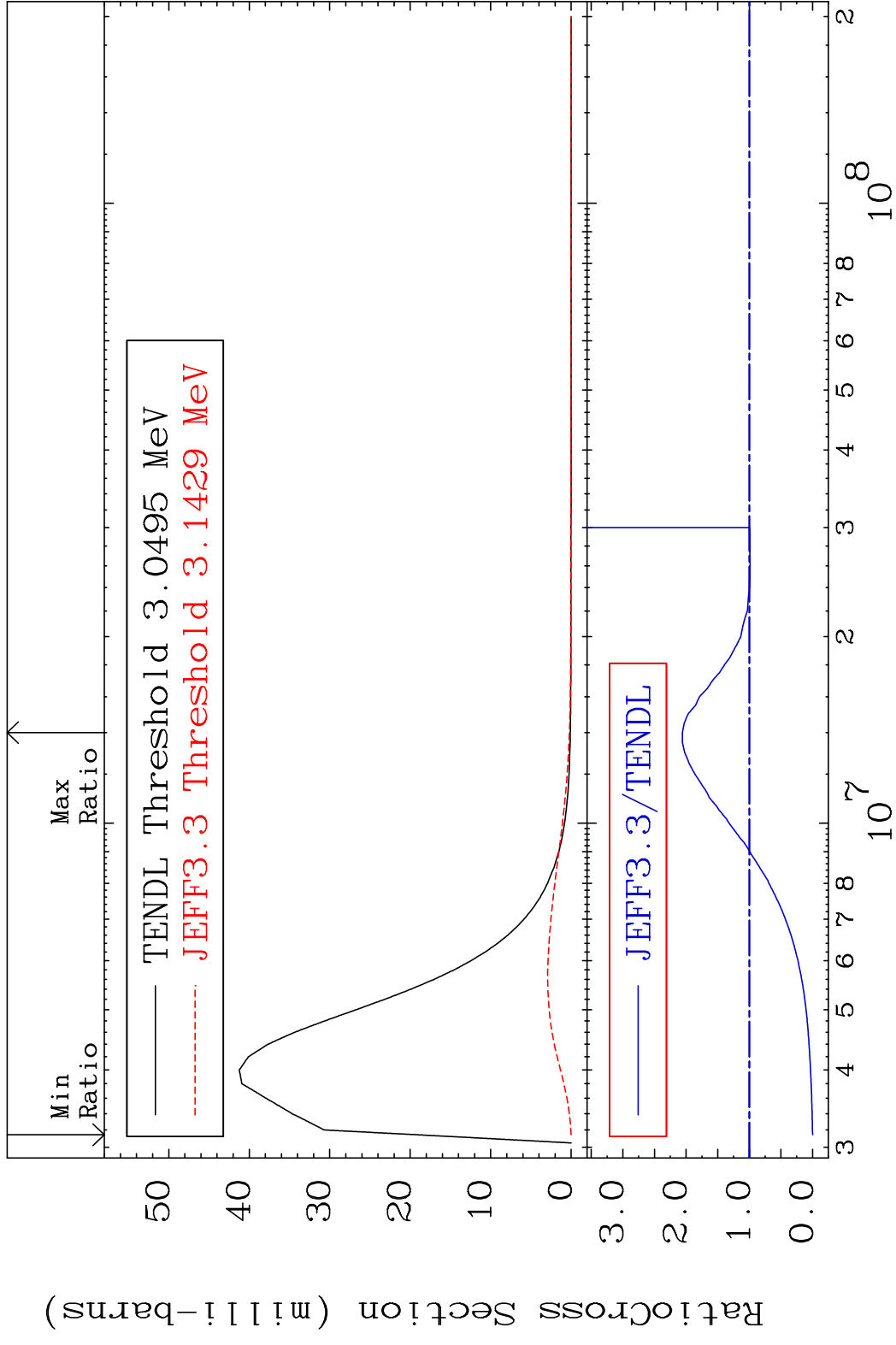
MAT 2434 MT= 66 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 5.037 %



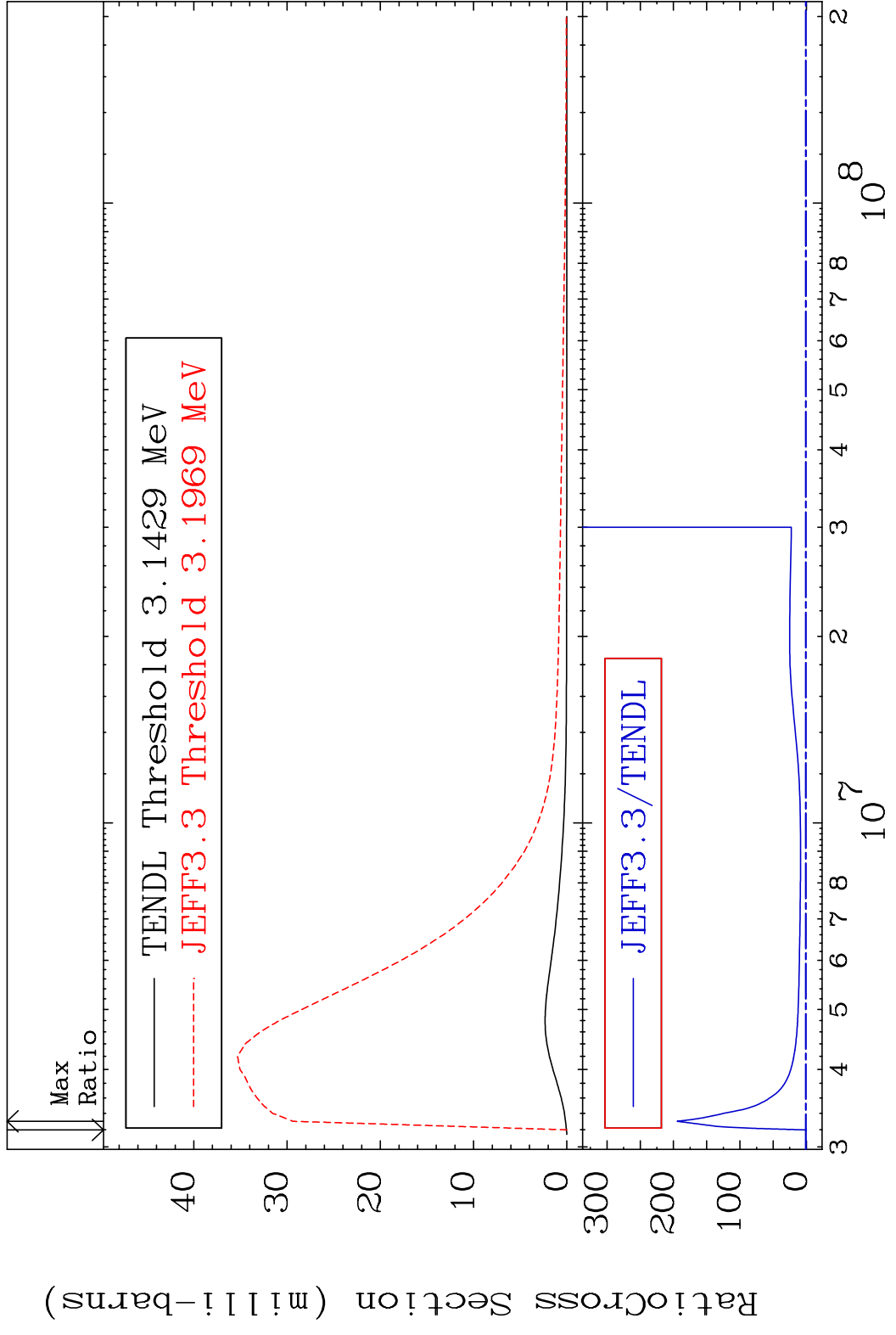
MAT 2434 MT= 67 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 280.3 %



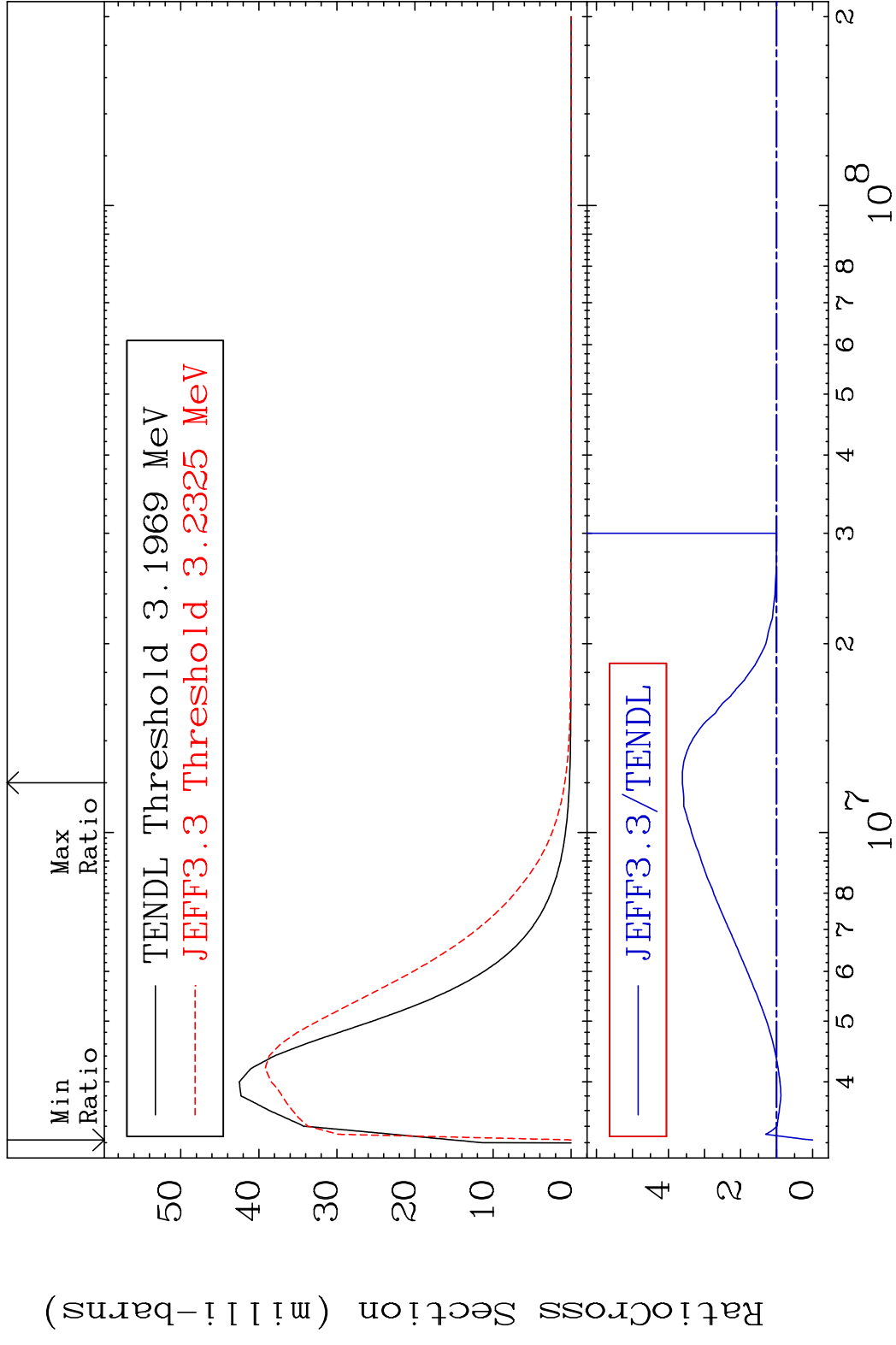
MAT 2434 MT= 68 (n, n') Level 24-Cr-53
 Cross Section -100.0 To 105.9 %



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 261.4 %

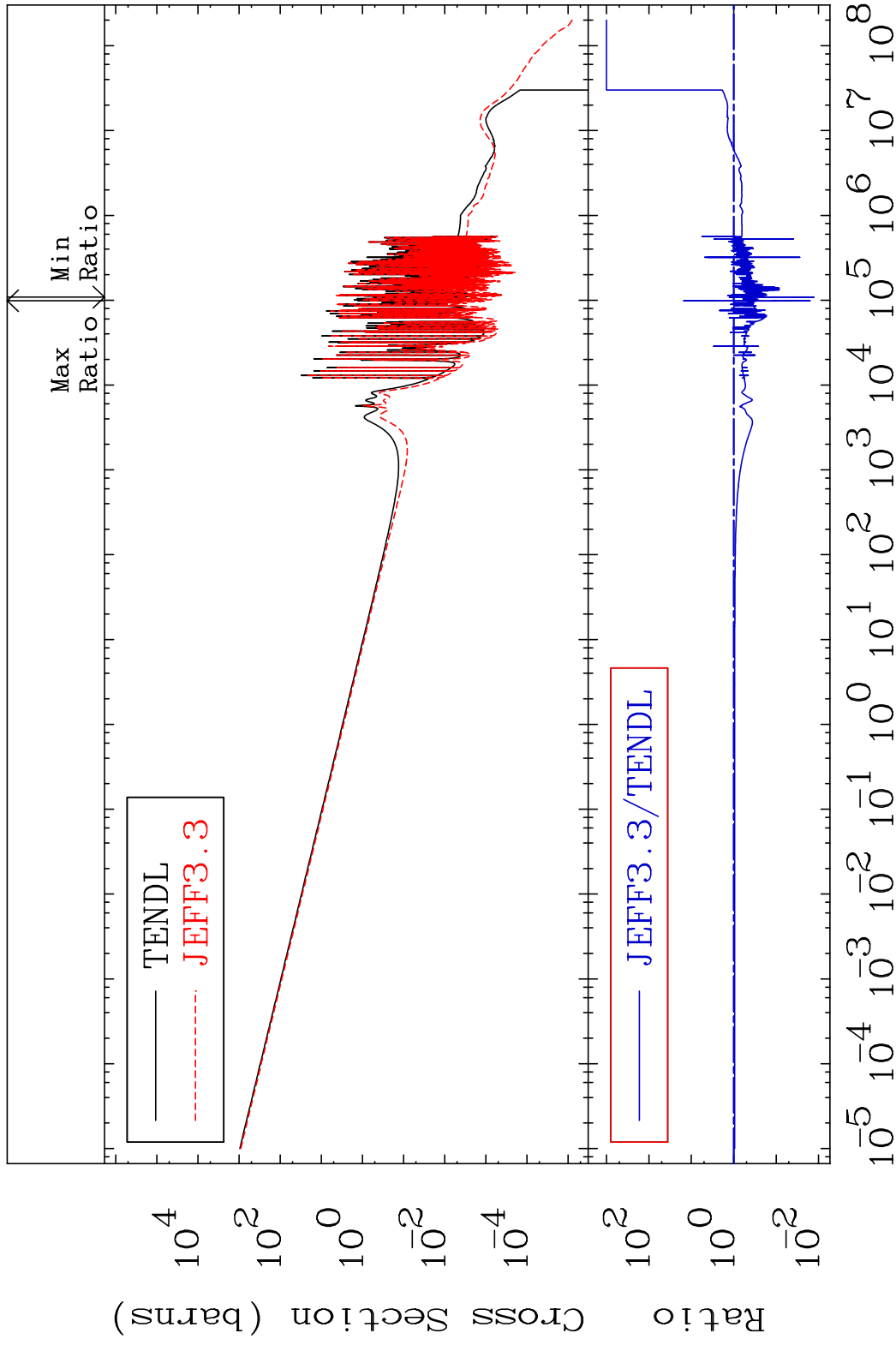


MAT 2434

(n, γ)

24-Cr-53

Cross Section -98.73 To 1414. %



25

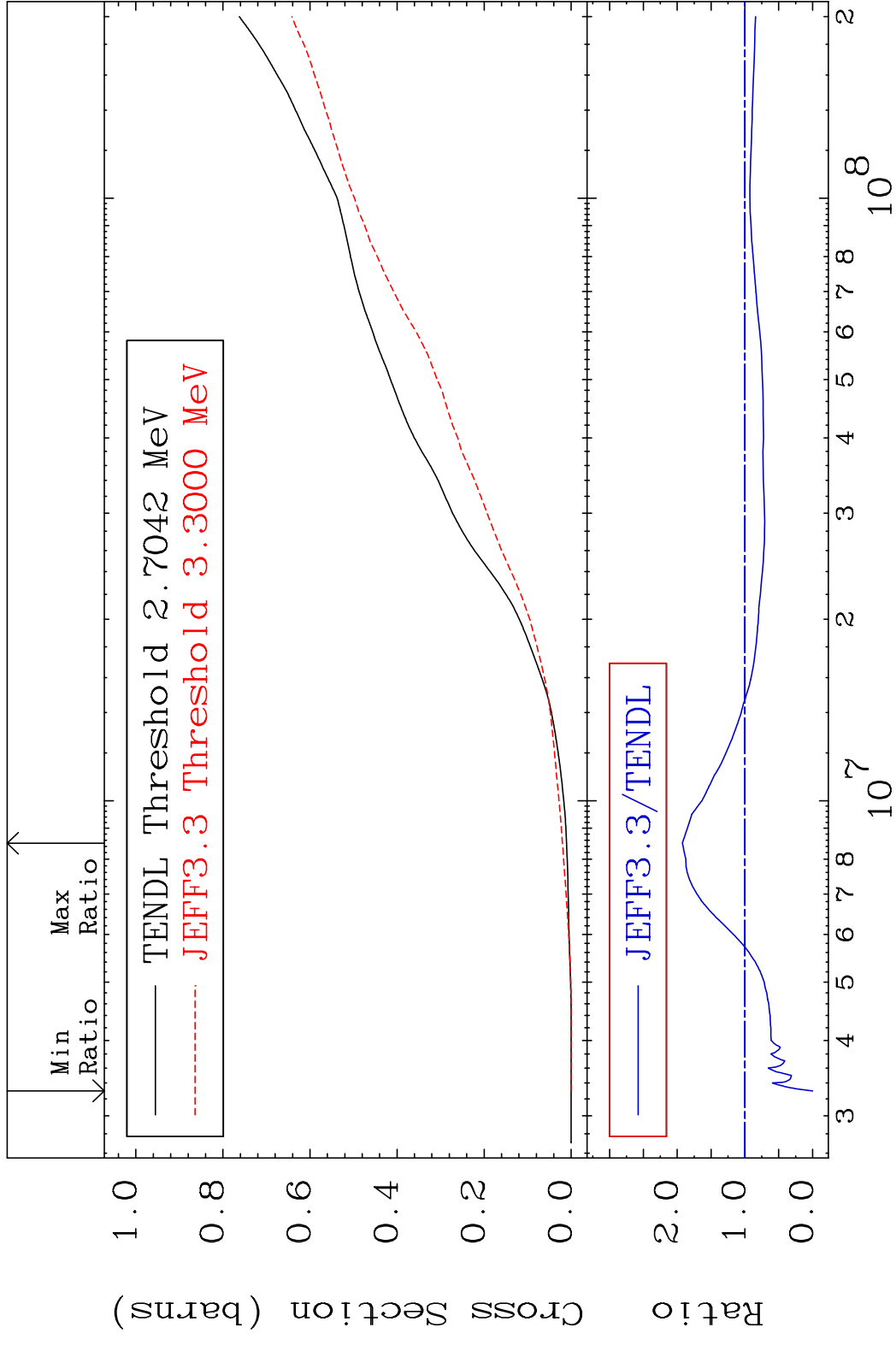
Incident Energy (eV)

24-Cr-53

MAT 2434

Hydrogen Production
Cross Section -100.0 To 92.46 %

²⁴Cr-53

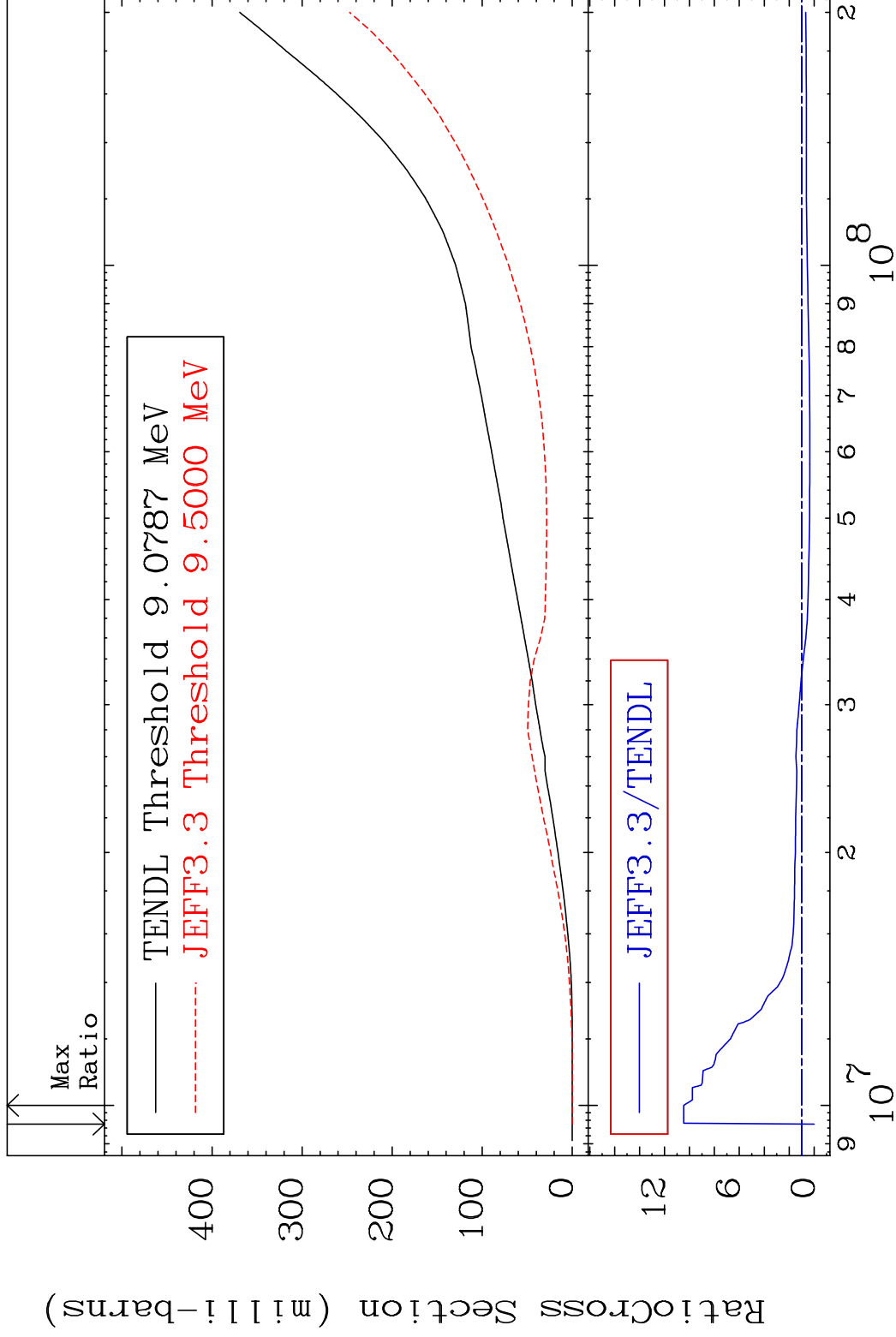


MAT 2434

Deuterium Production

²⁴Cr-53

Cross Section -100.0 To 946.4 %



27

Incident Energy (eV)

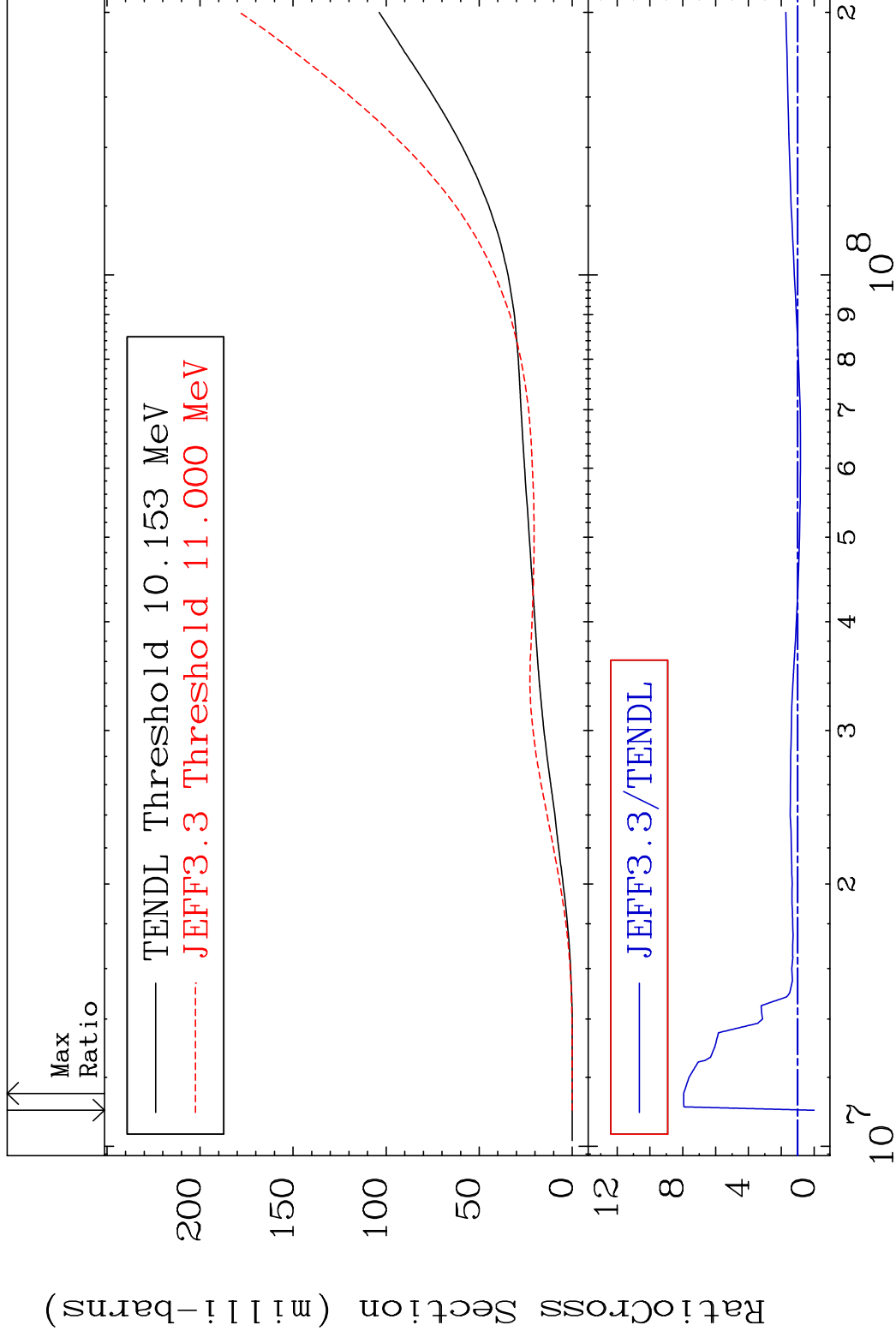
²⁴Cr-53

MAT 2434

Tritium Production

²⁴Cr-53

Cross Section -100.0 To 694.6 %



28

Incident Energy (eV)

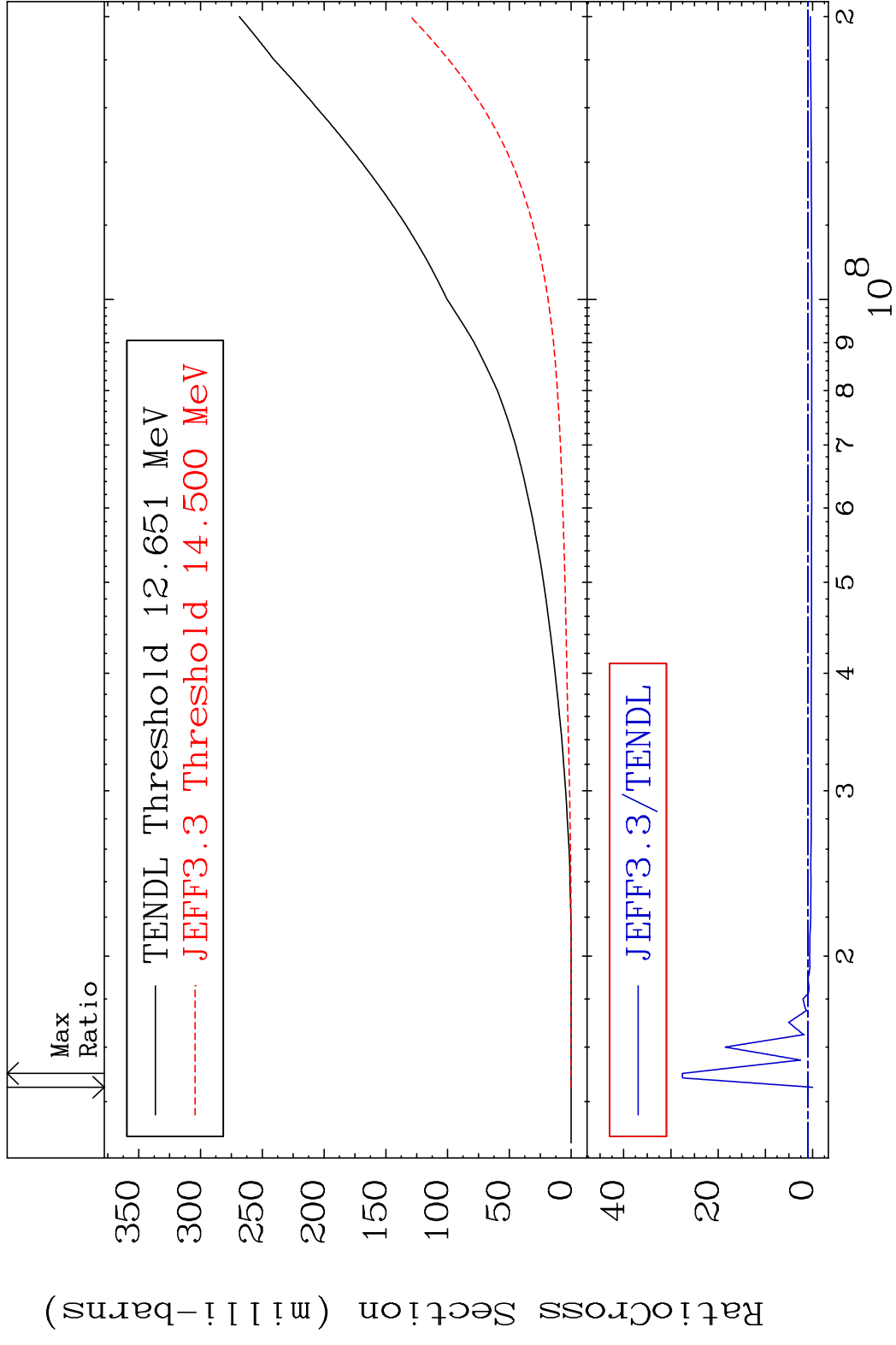
²⁴Cr-53

MAT 2434

He-3 Production

²⁴Cr-53

Cross Section -100.0 To 2657. %



29

Incident Energy (eV)

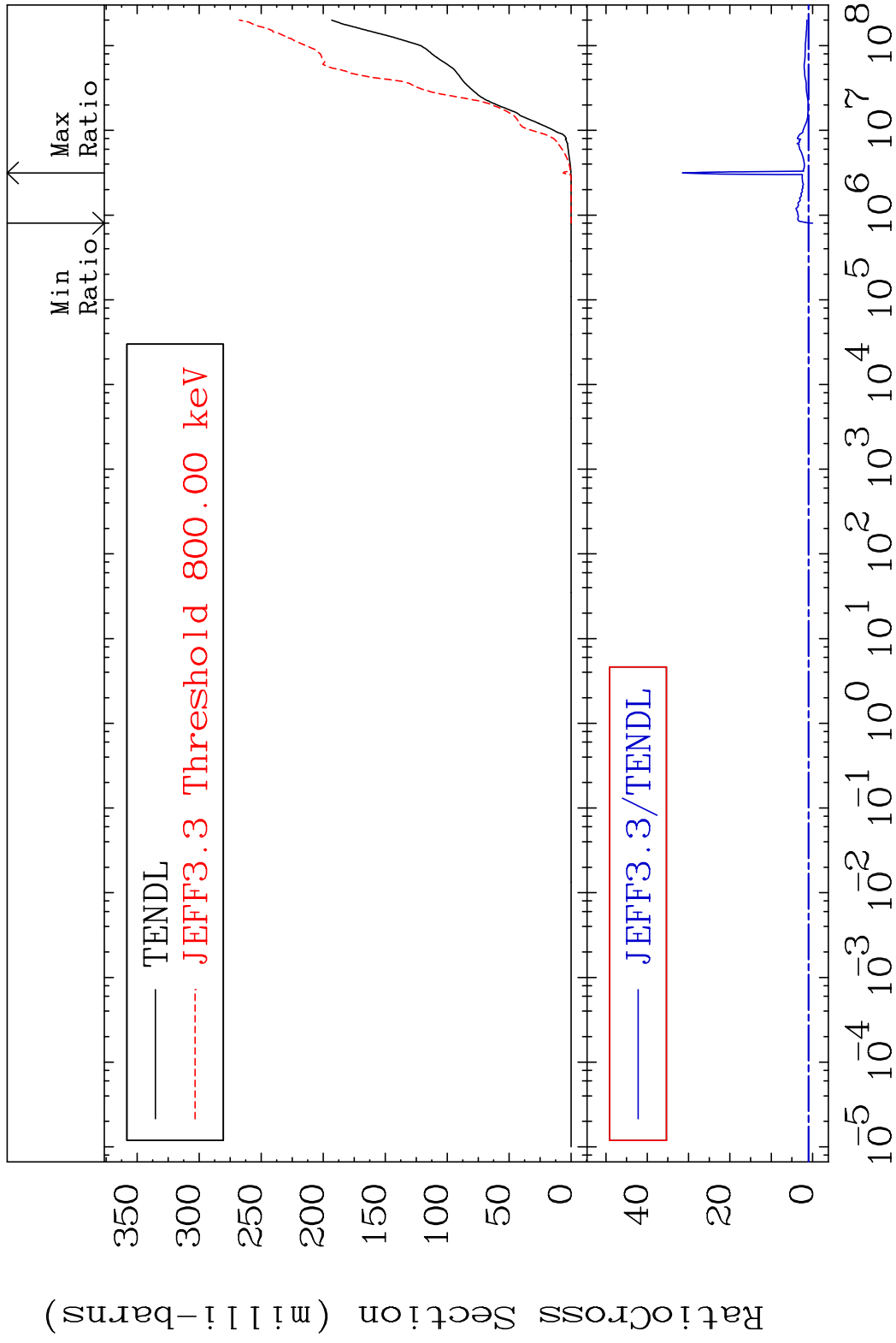
²⁴Cr-53

MAT 2434

He-4 Production

24-Cr-53

Cross Section -100.0 To 3050. %

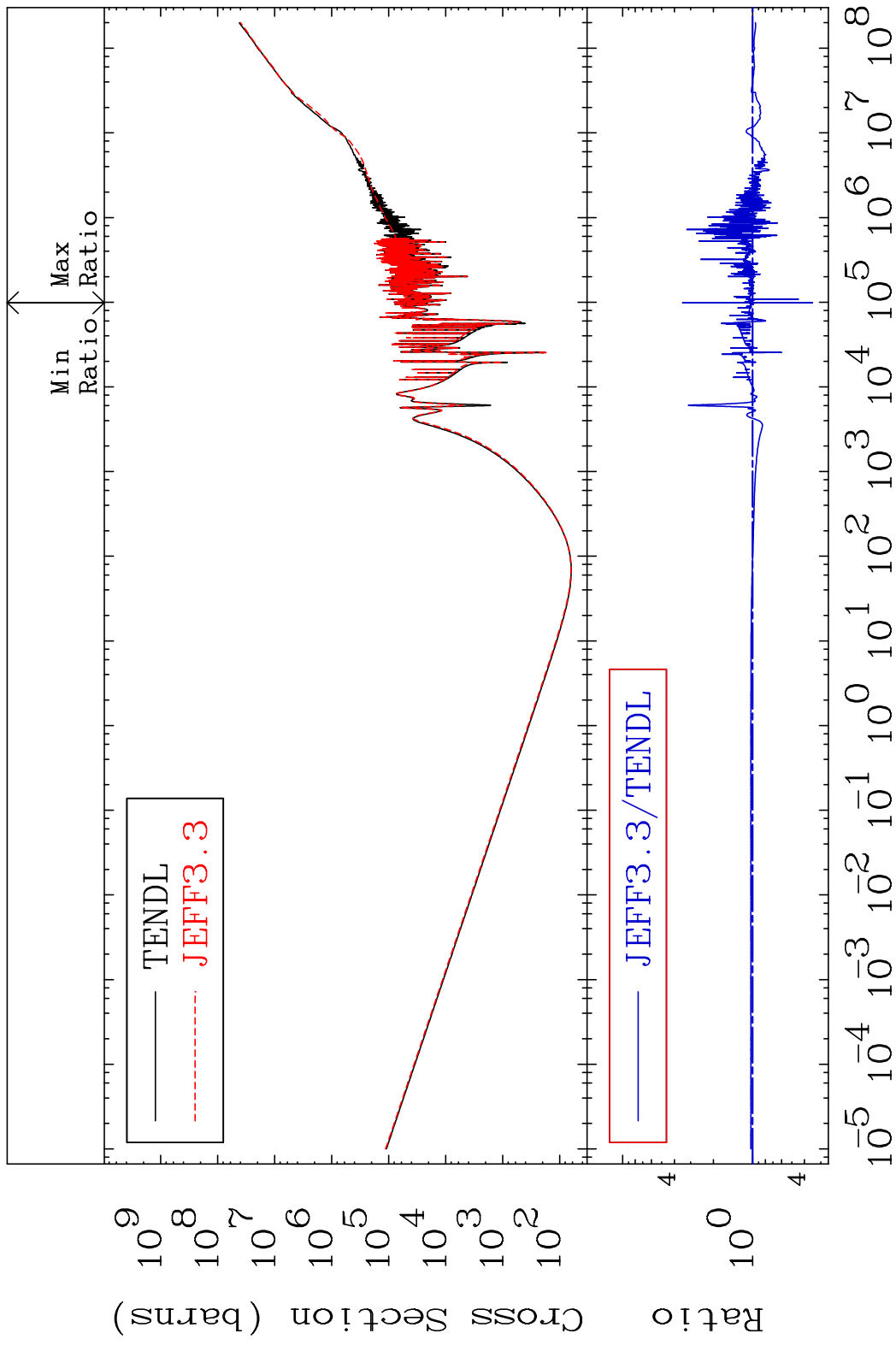


30

Incident Energy (eV)

24-Cr-53

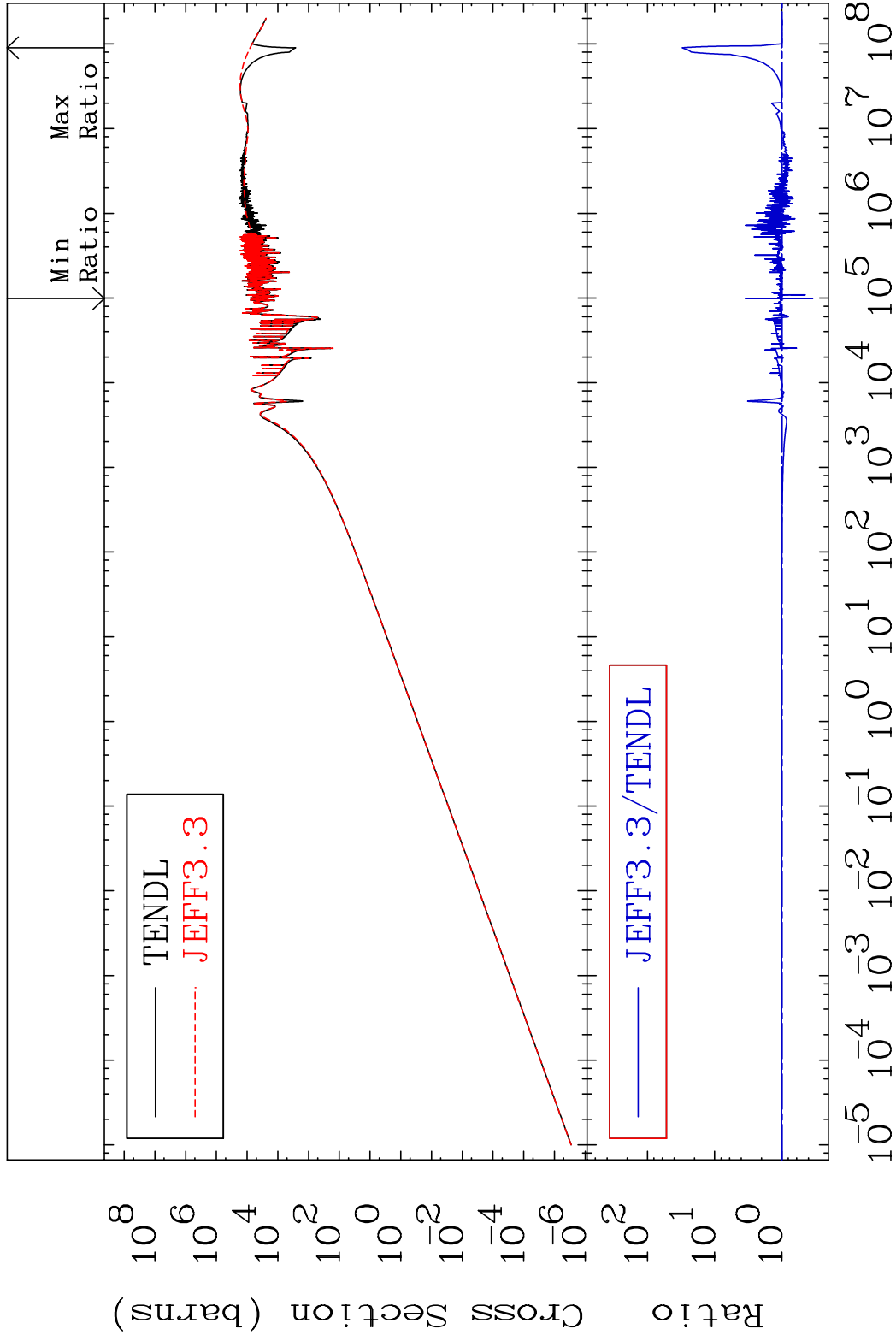
MAT 2434 Kerma total (eV-barns) 24-Cr-53
 Cross Section -65.33 To 247.1 %



MAT 2434

Kerma elastic
Cross Section

24-Cr-53
-65.27 To 2922. %

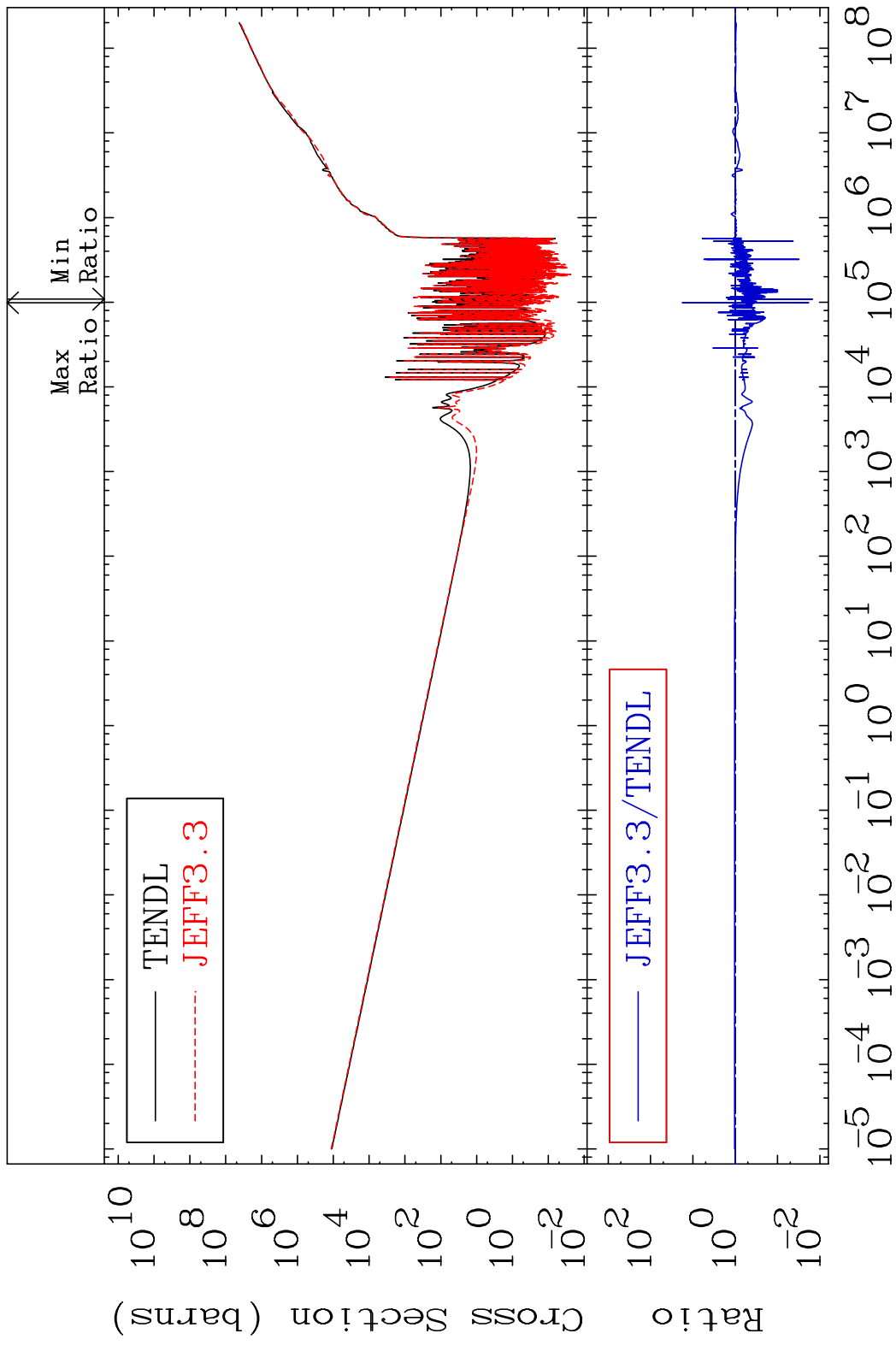


32

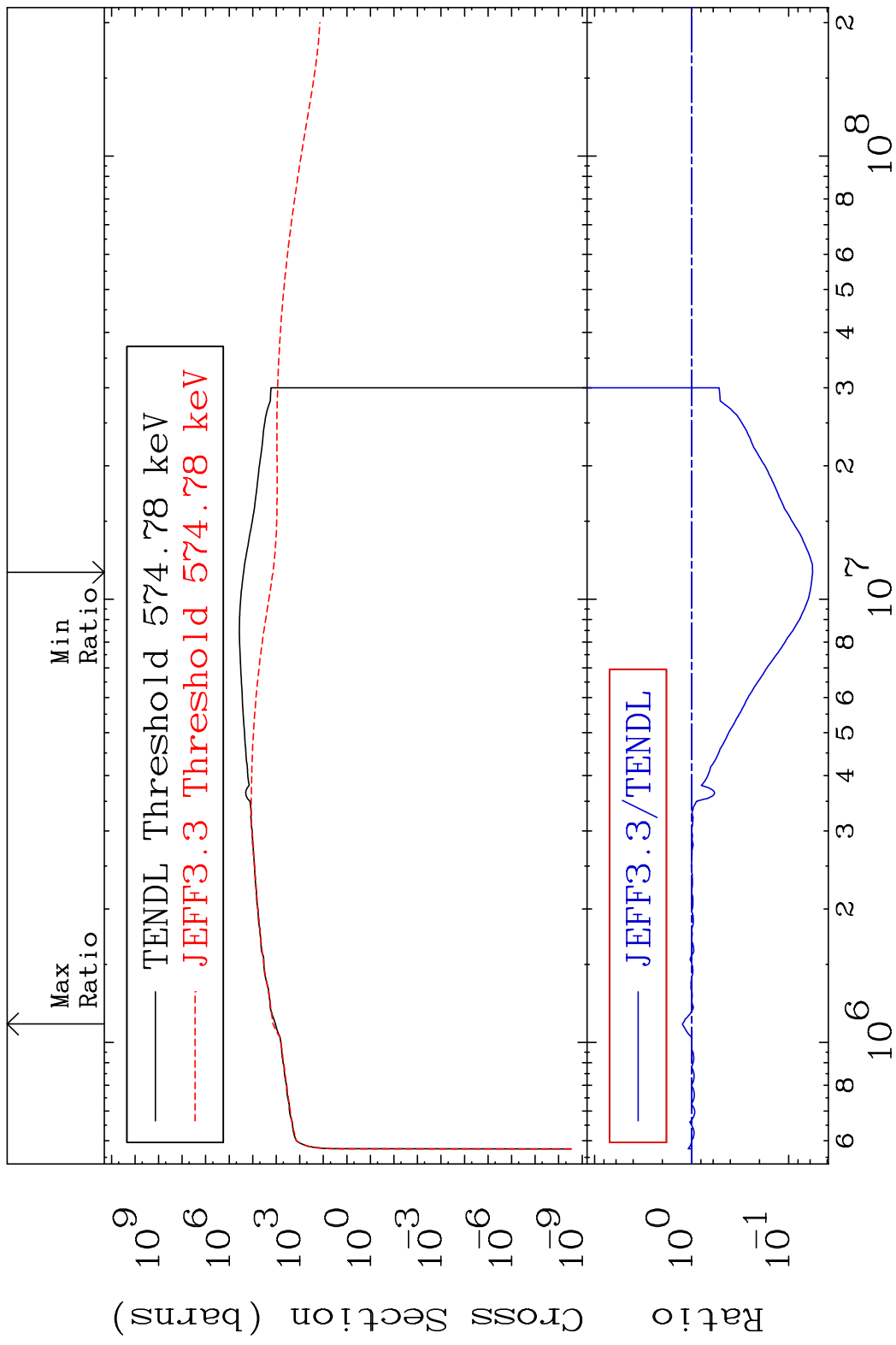
Incident Energy (eV)

24-Cr-53

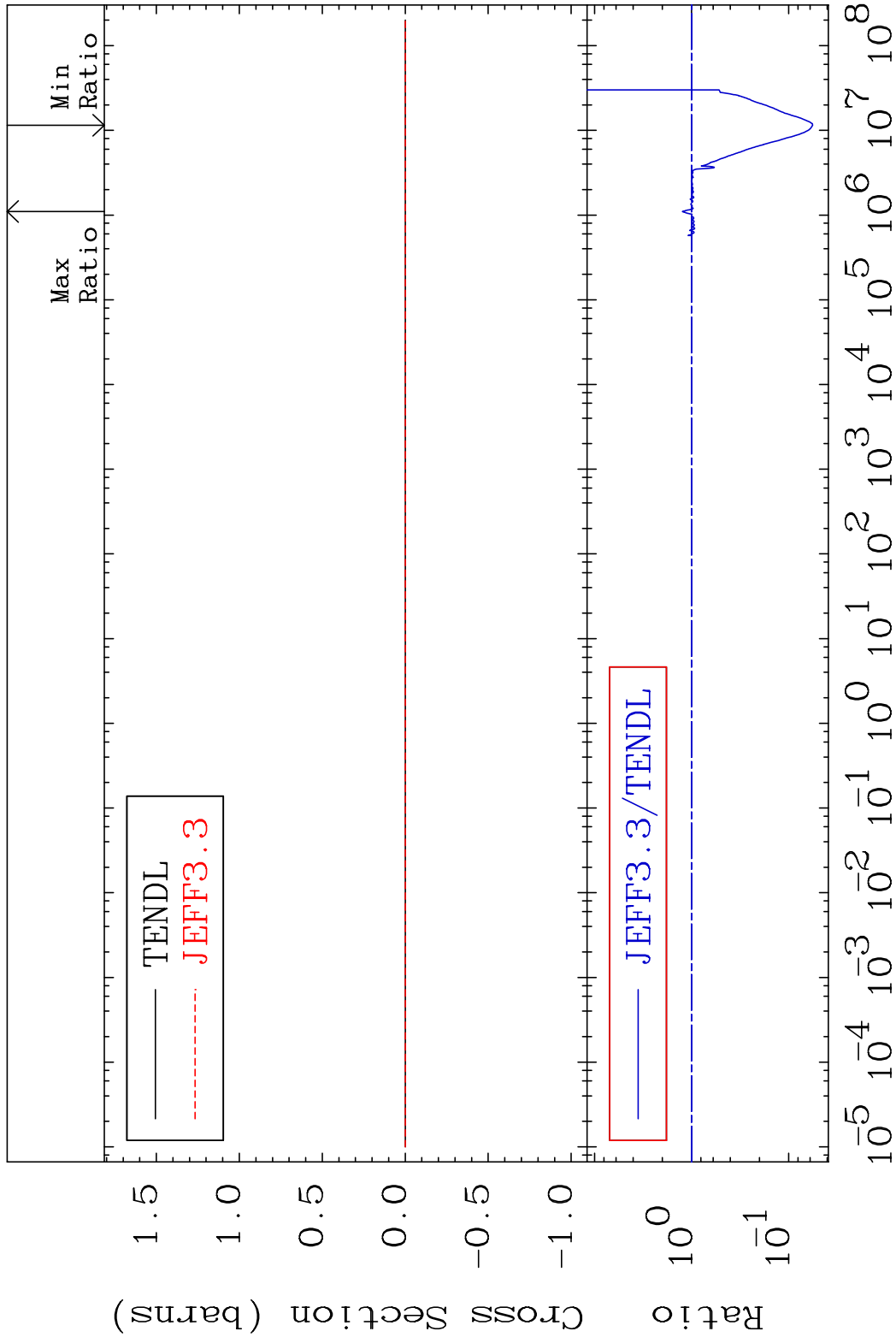
MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
 Cross Section -98.51 To 1670. %



MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 Cross Section -94.34 To 24.42 %

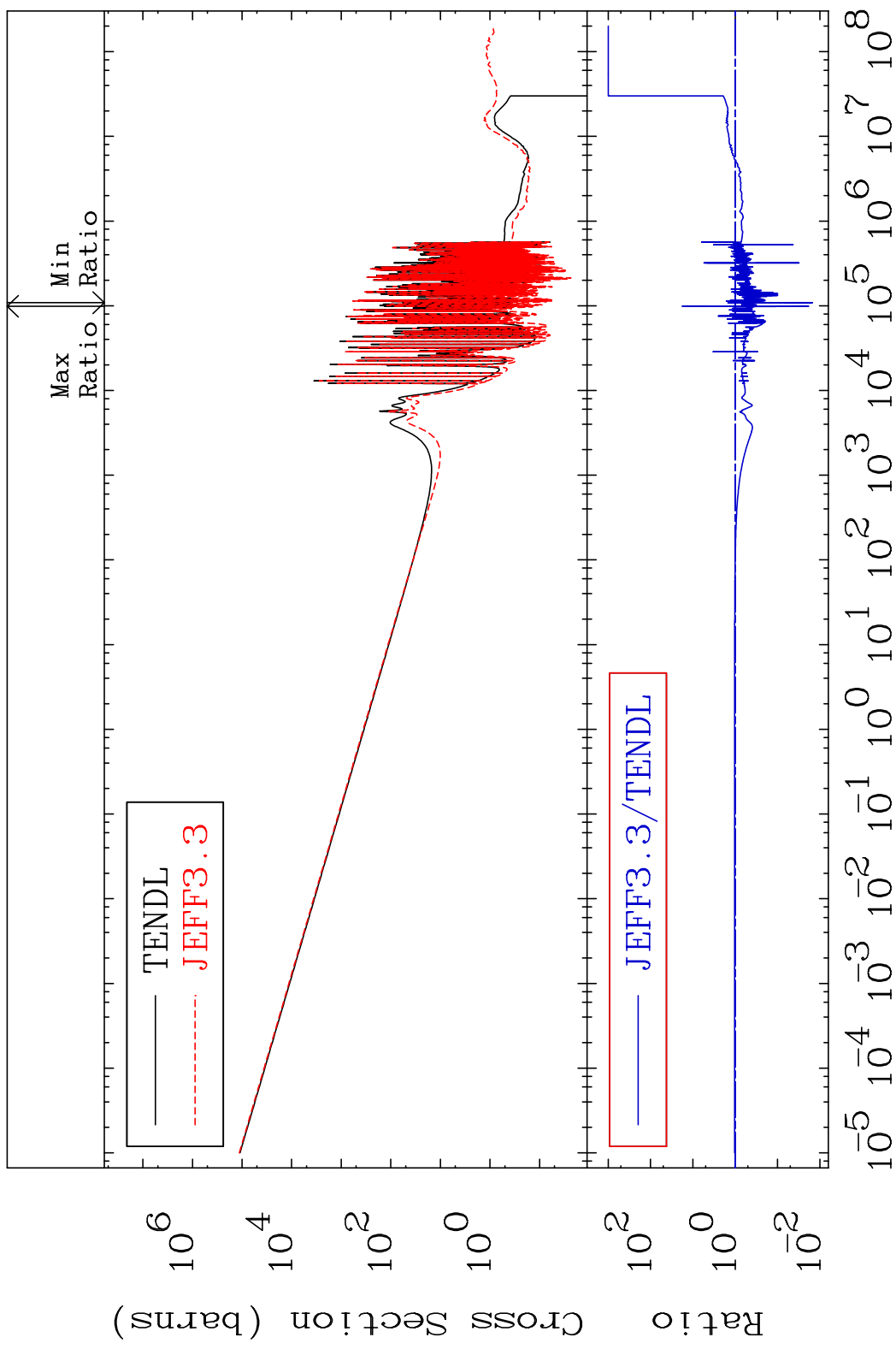


MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53
 Cross Section -94.34 To 24.42 %



MAT 2434

Kerma capture (mt102) 24-Cr-53
Cross Section -98.51 To 1670. %



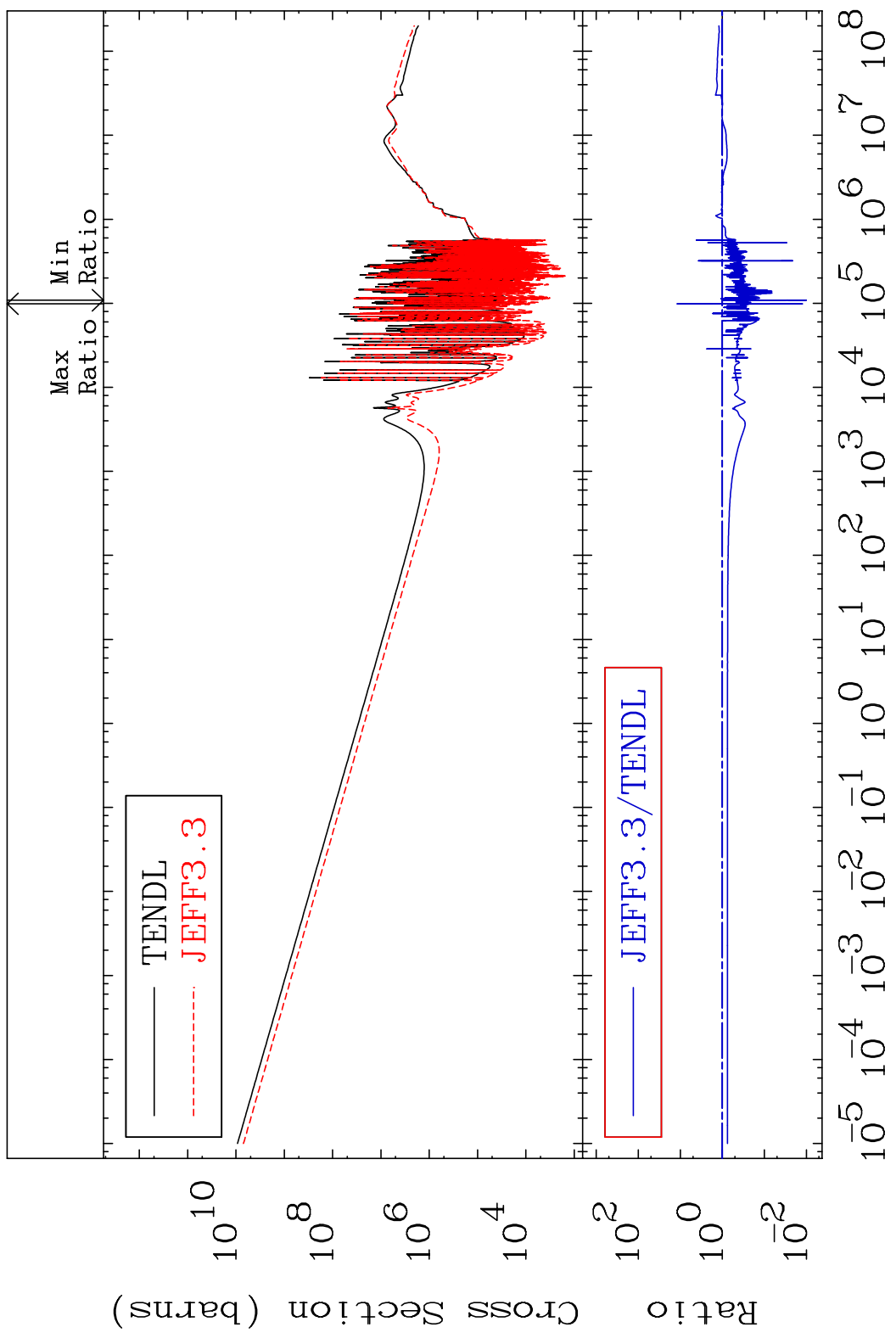
36

Incident Energy (eV)

24-Cr-53

MAT 2434

Total photon (eV-barns) 24-Cr-53
Cross Section -99.00 To 1088. %

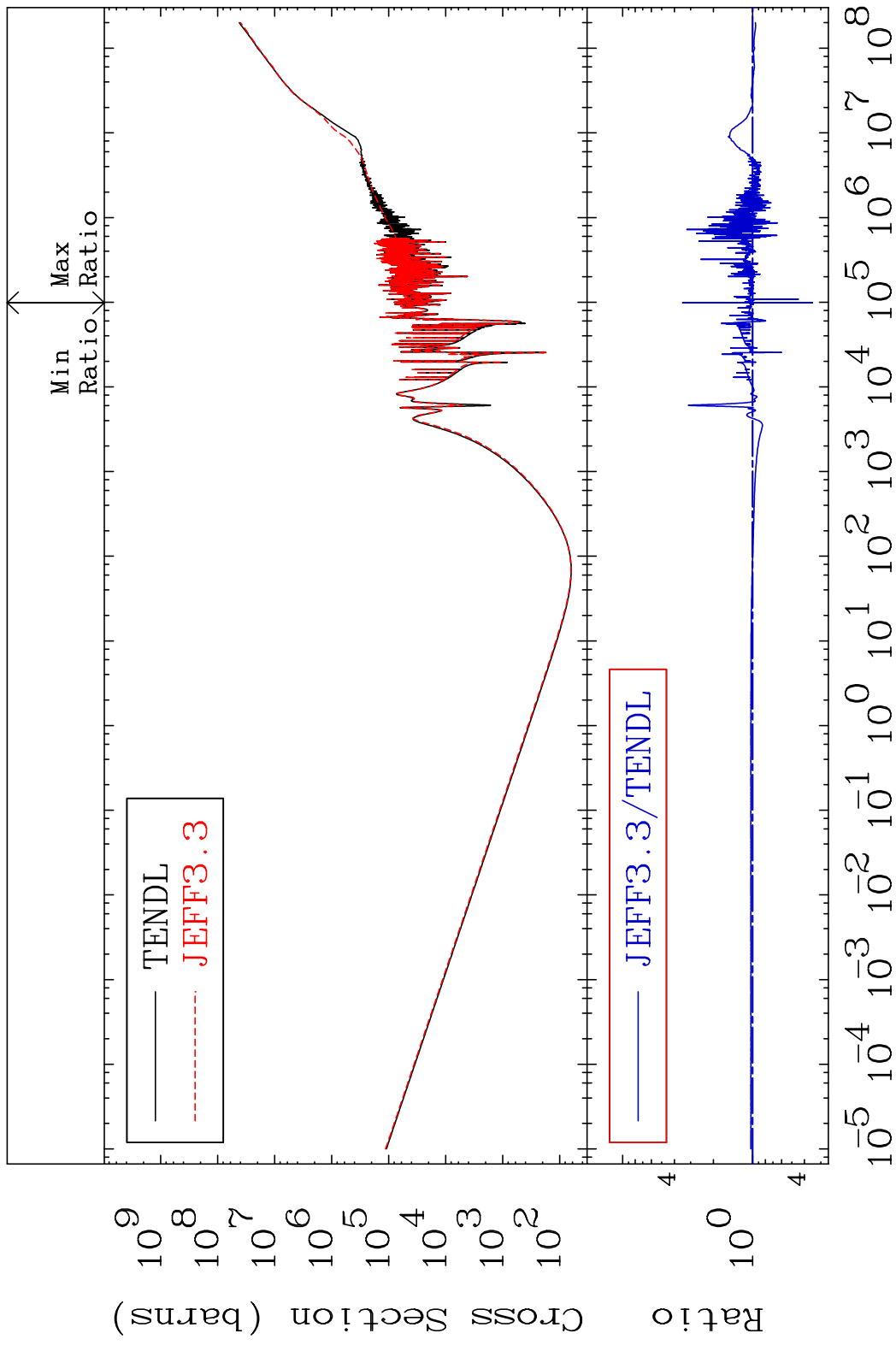


37

Incident Energy (eV)

24-Cr-53

MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
 Cross Section -65.33 To 247.1 %

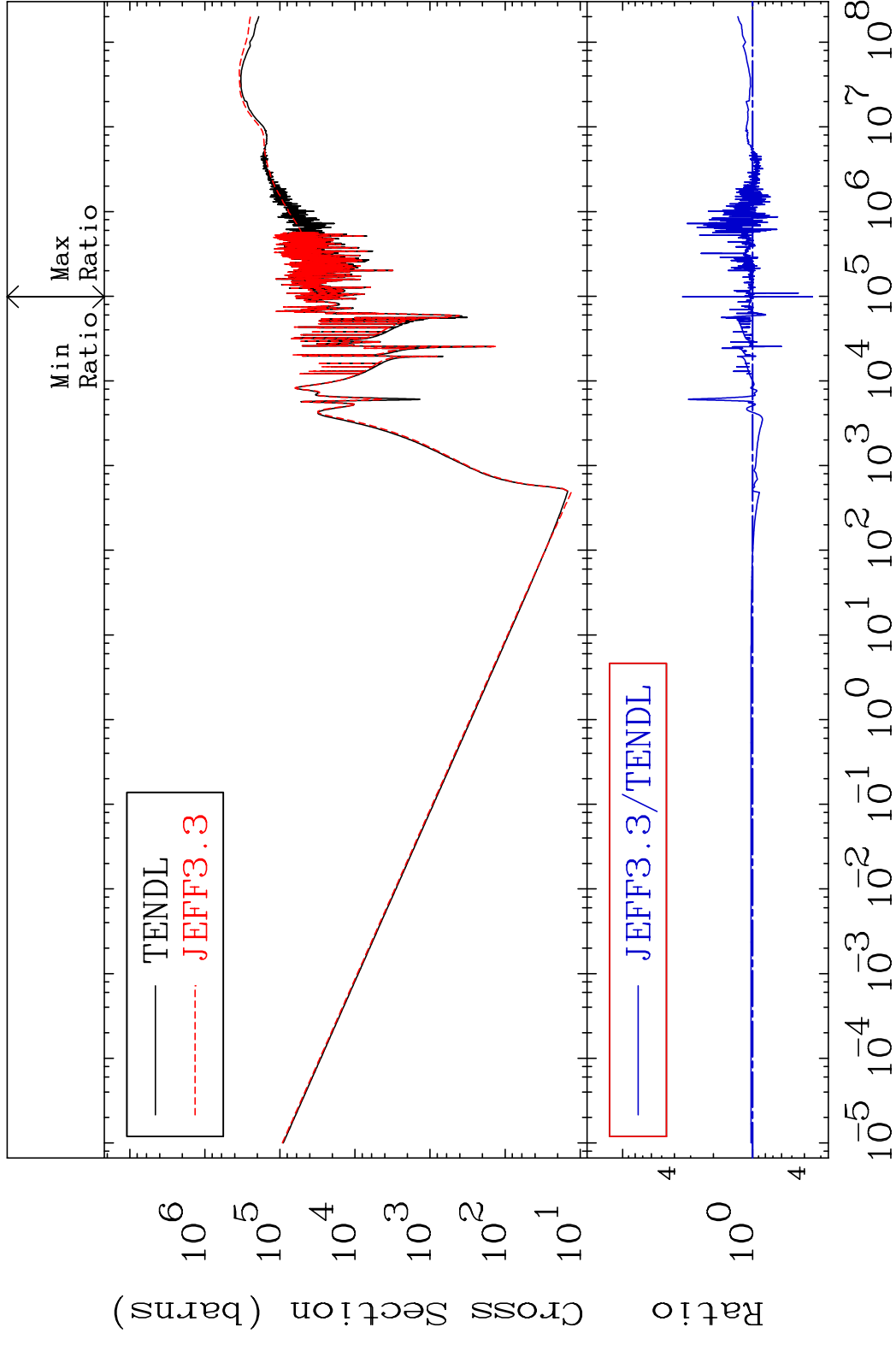


MAT 2434

Dpa total (eV-barns)

24-Cr-53

Cross Section -65.34 To 247.1 %



39

Incident Energy (eV)

24-Cr-53

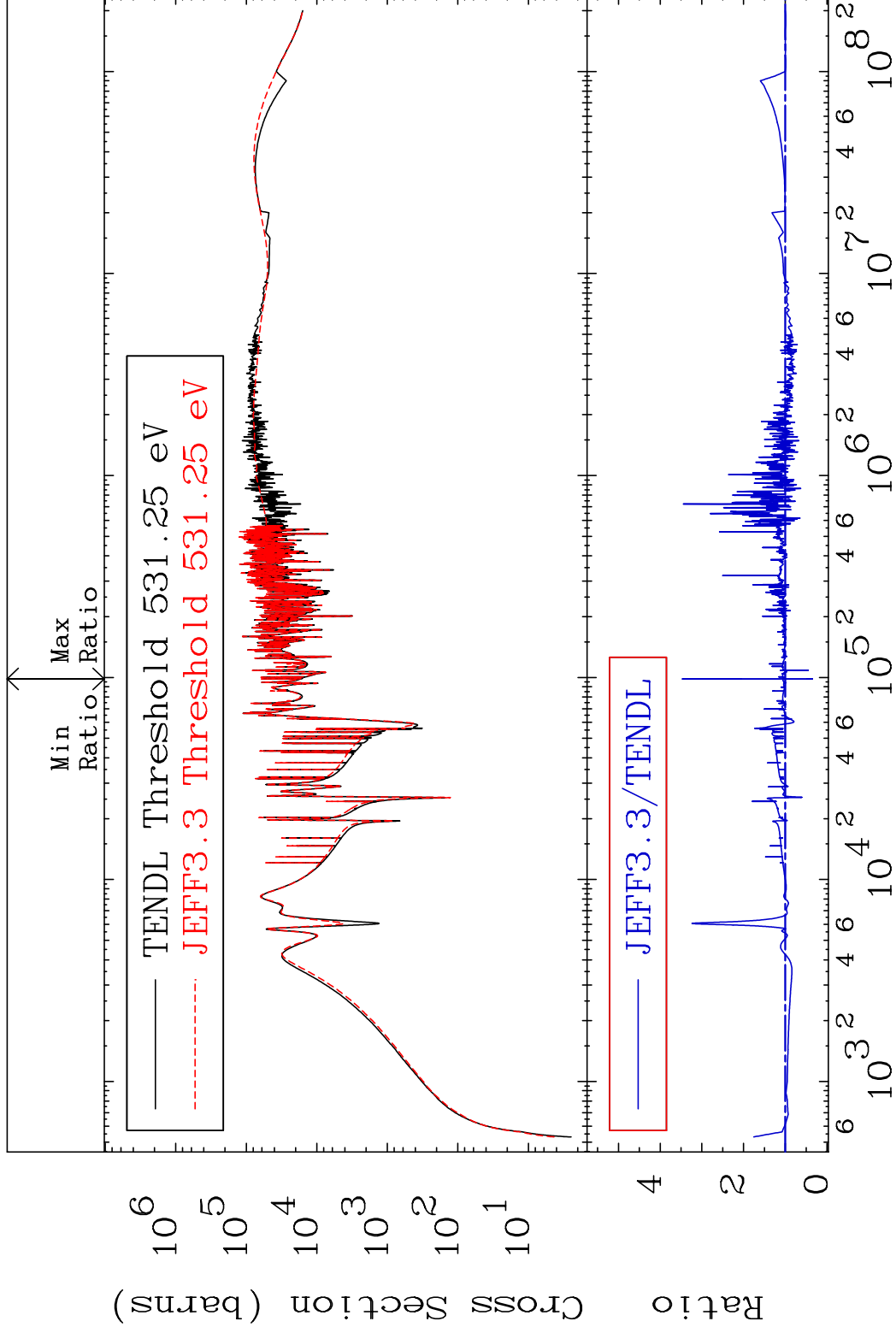
MAT 2434

Dpa elastic (mt2)

24-Cr-53

Cross Section

-65.27 To 246.8 %

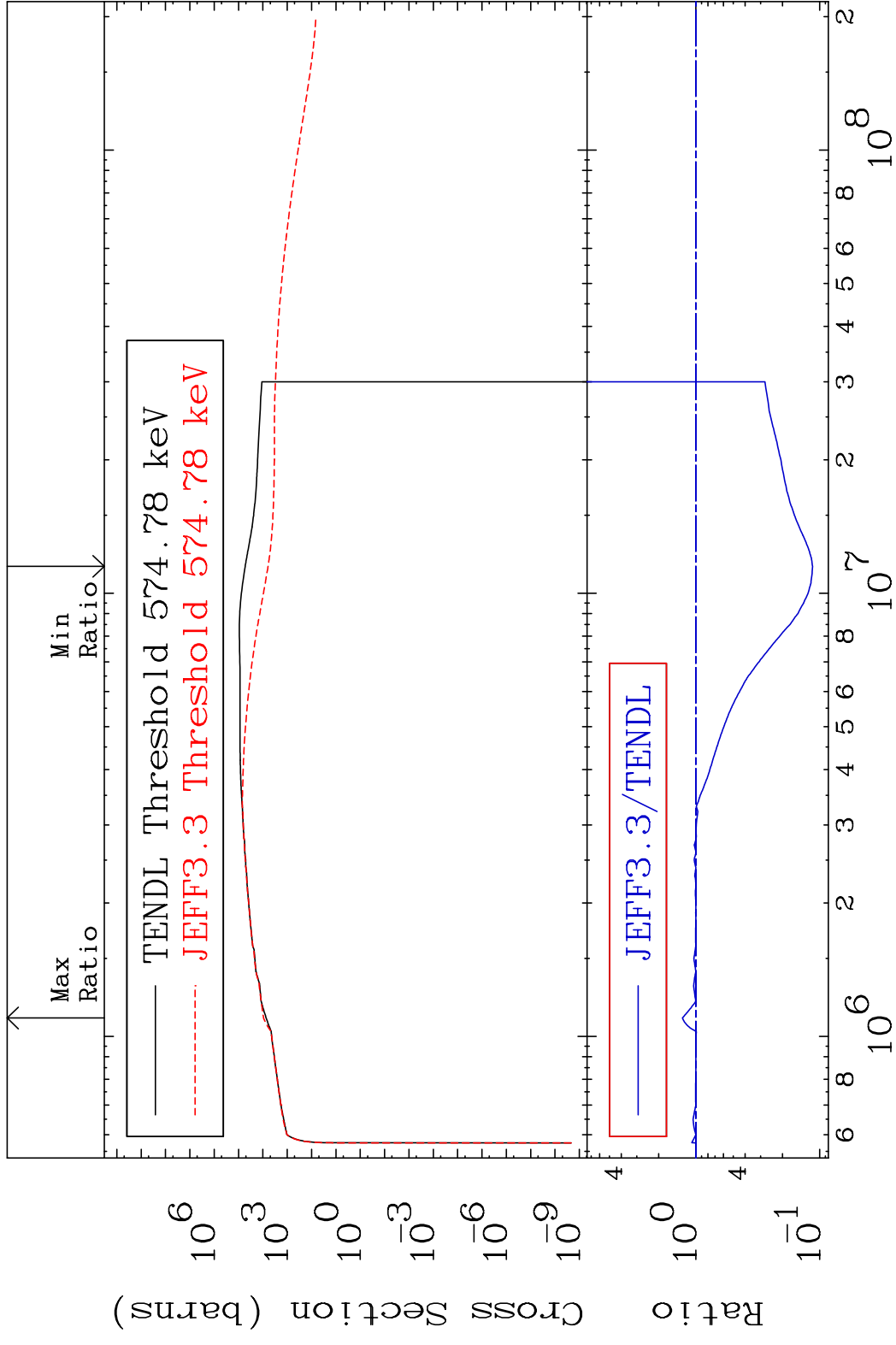


40

Incident Energy (eV)

24-Cr-53

MAT 2434 Dpa inelastic (mt51-91) 24-Cr-53
 Cross Section -88.57 To 28.61 %



MAT 2434 Dpa disappearance (mt102 -120) 24-Cr-53
 Cross Section -100.0 To 1677. %

