

Program Complot
(Version 2018-1)

by

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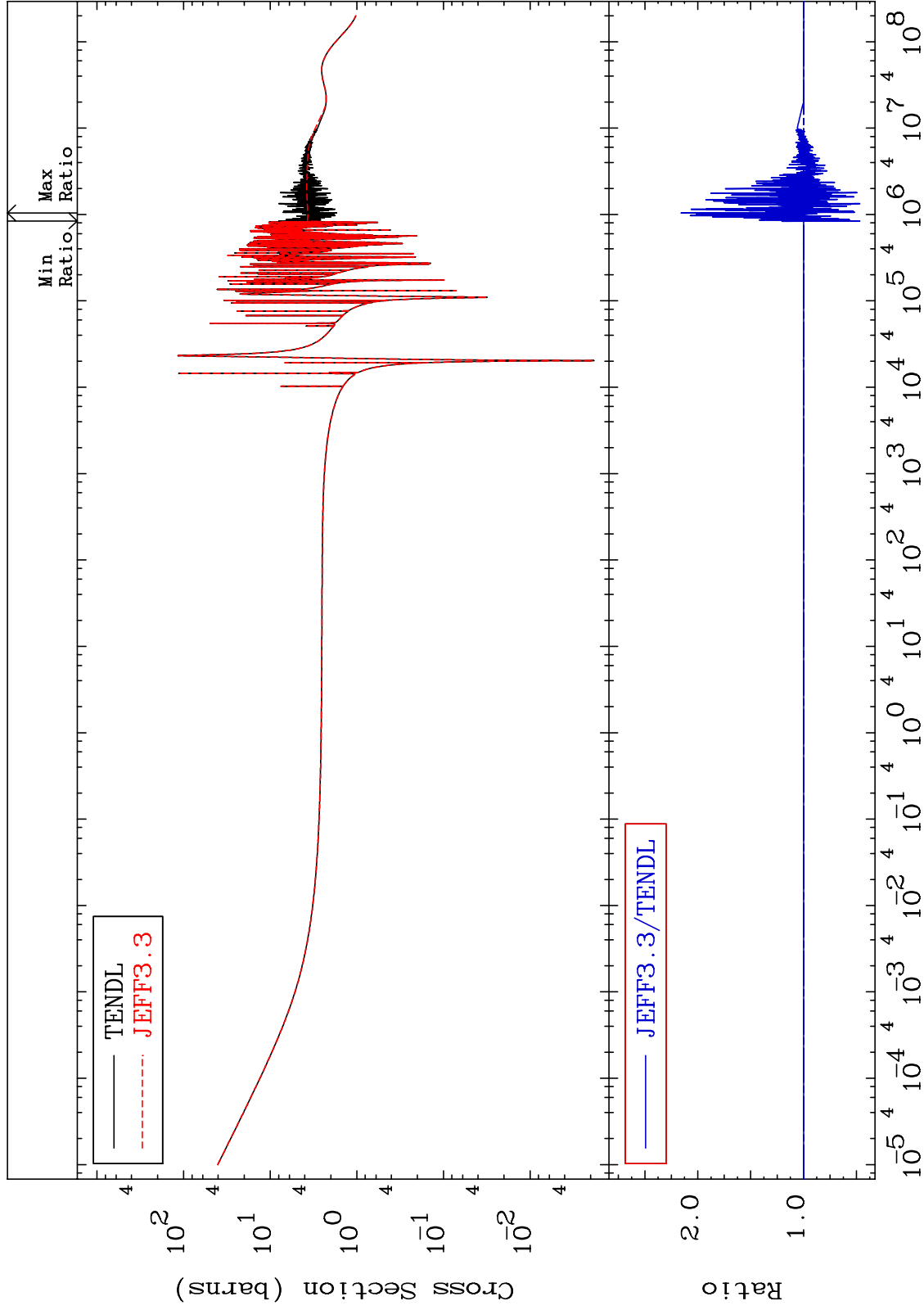
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2437

Total
Cross Section

24-Cr-54
-53.10 To 115.6 %



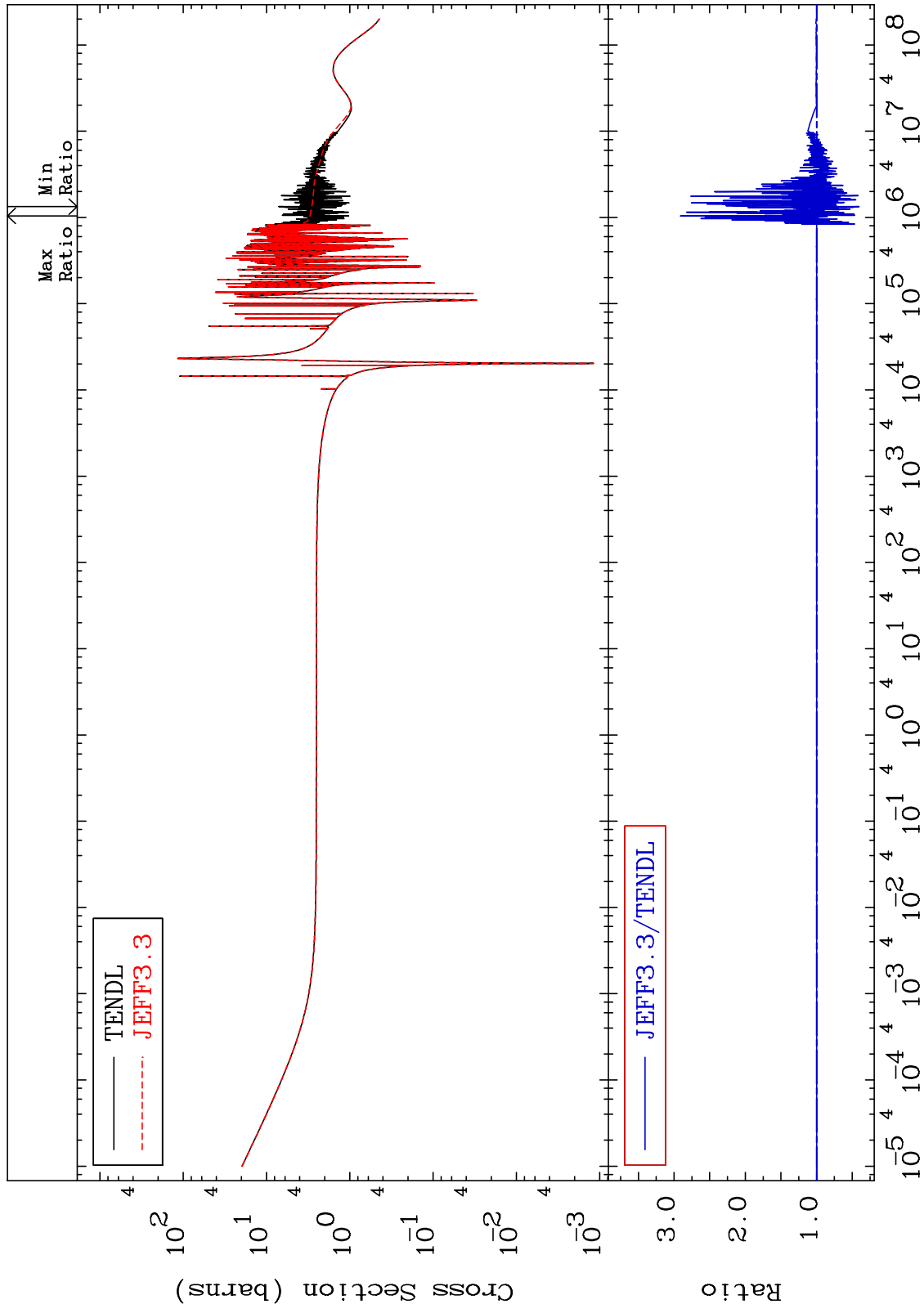
Incident Energy (eV)

24-Cr-54

MAT 2437

Elastic
Cross Section

24-Cr-54
-59.55 To 190.7 %

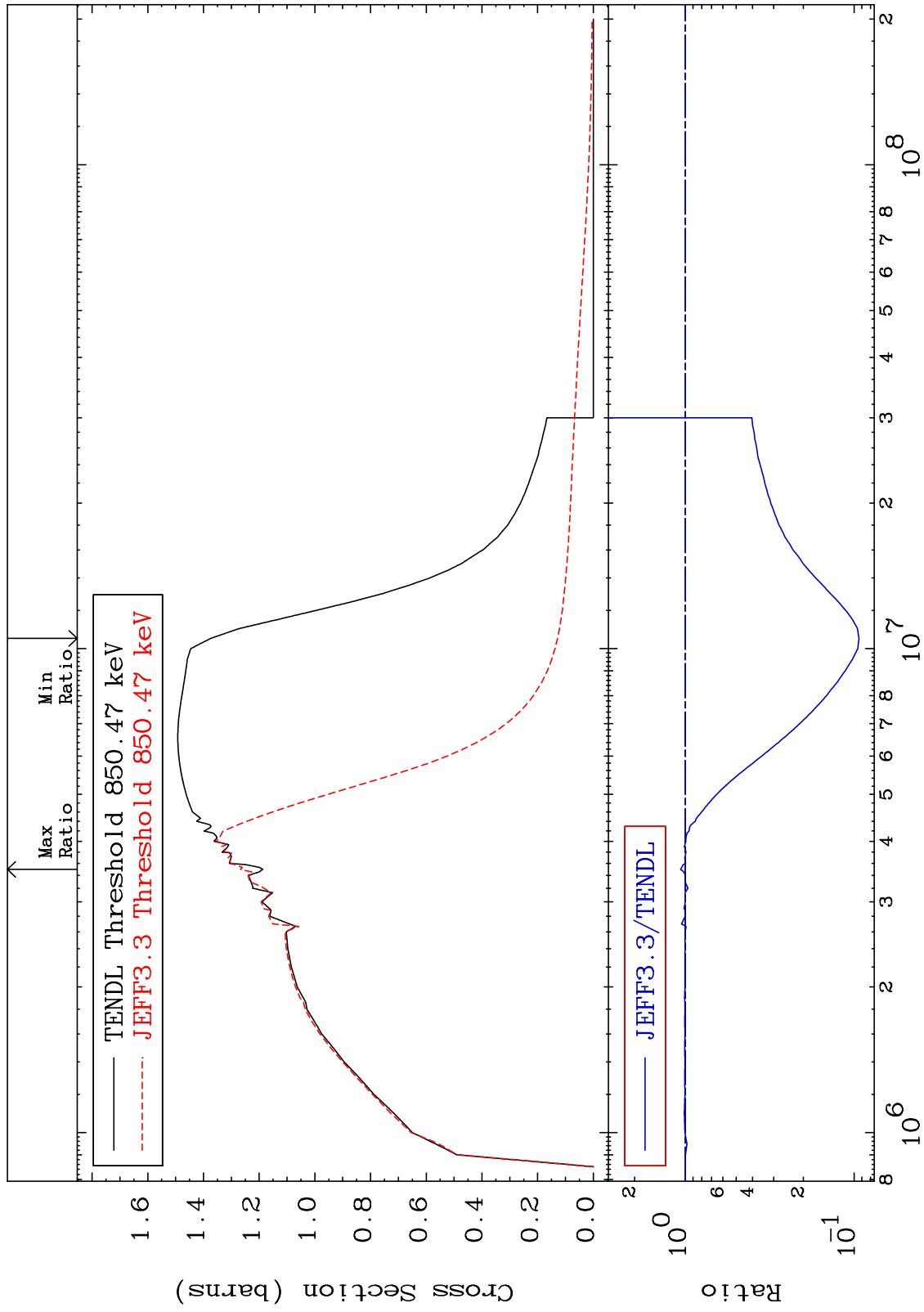


2

Incident Energy (eV)

24-Cr-54

MAT 2437 Inelastic Cross Section 24-Cr-54 -90.65 To 6.694 %

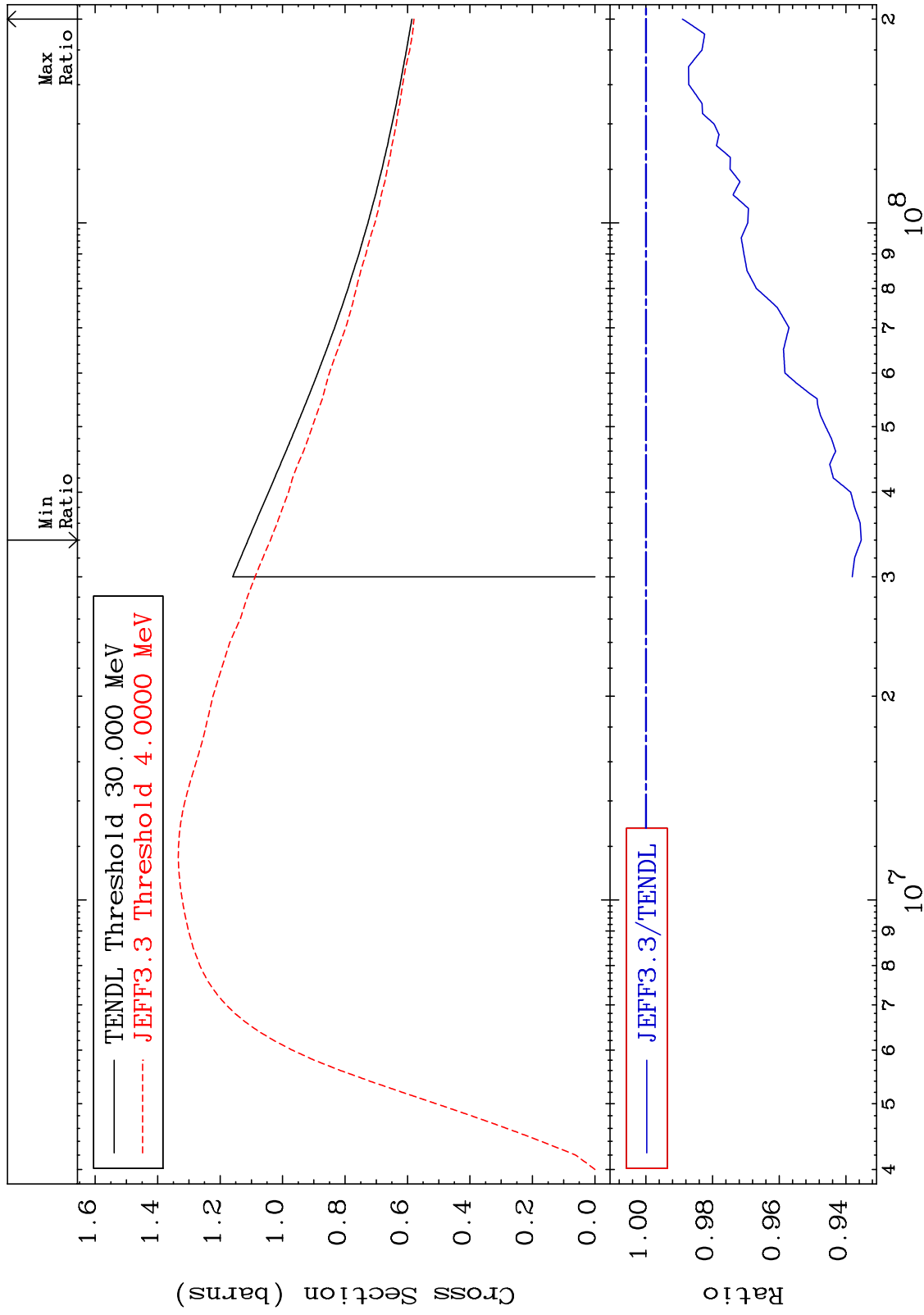


3 Incident Energy (eV) 24-Cr-54

MAT 2437

(n, remainder)
Cross Section

24-Cr-54
-6.464 To -1.096%



4

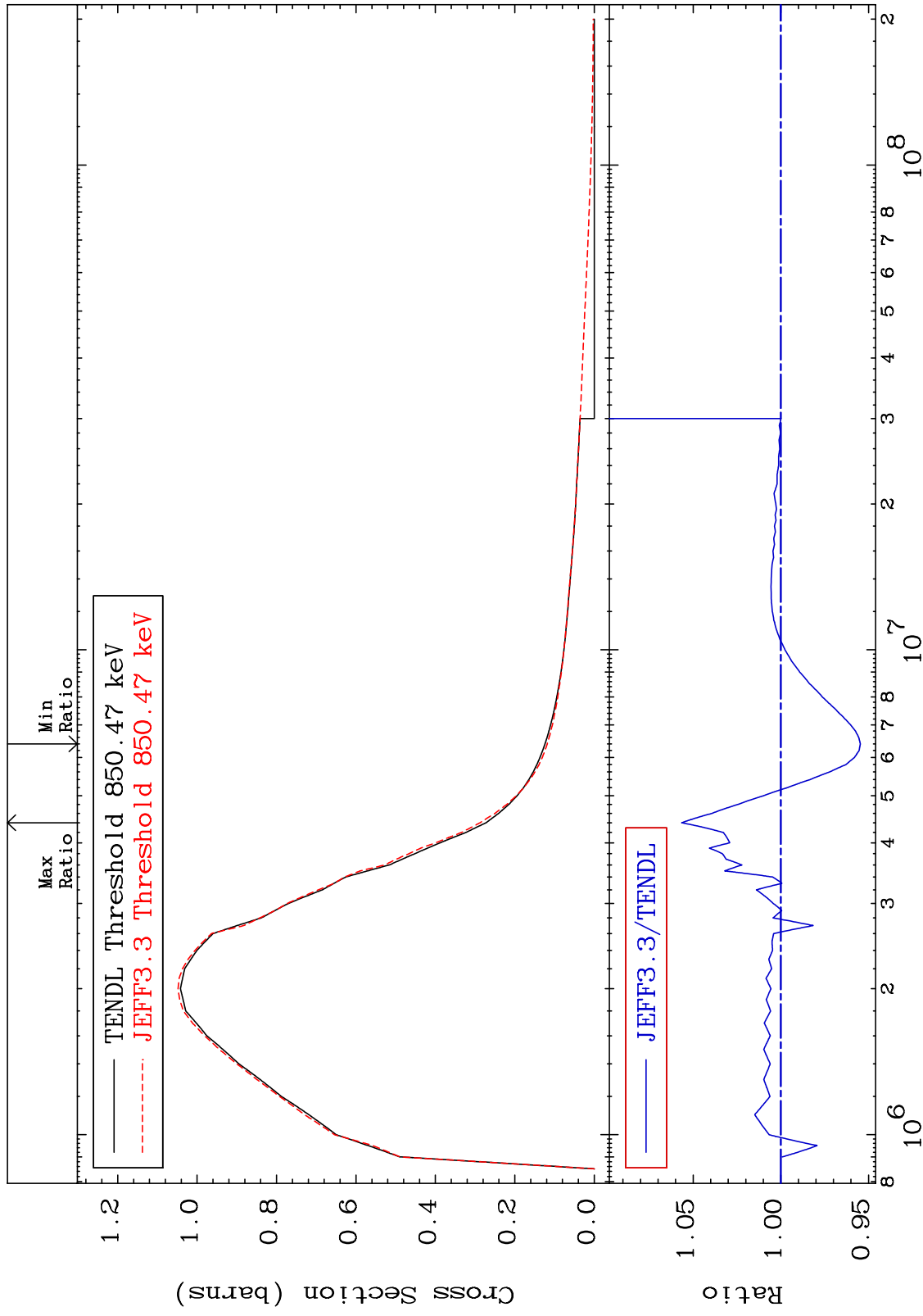
Incident Energy (eV)

24-Cr-54

MAT 2437

MT= 51 (n,n') Level
Cross Section

24-Cr-54
-4.532 To 5.651 %

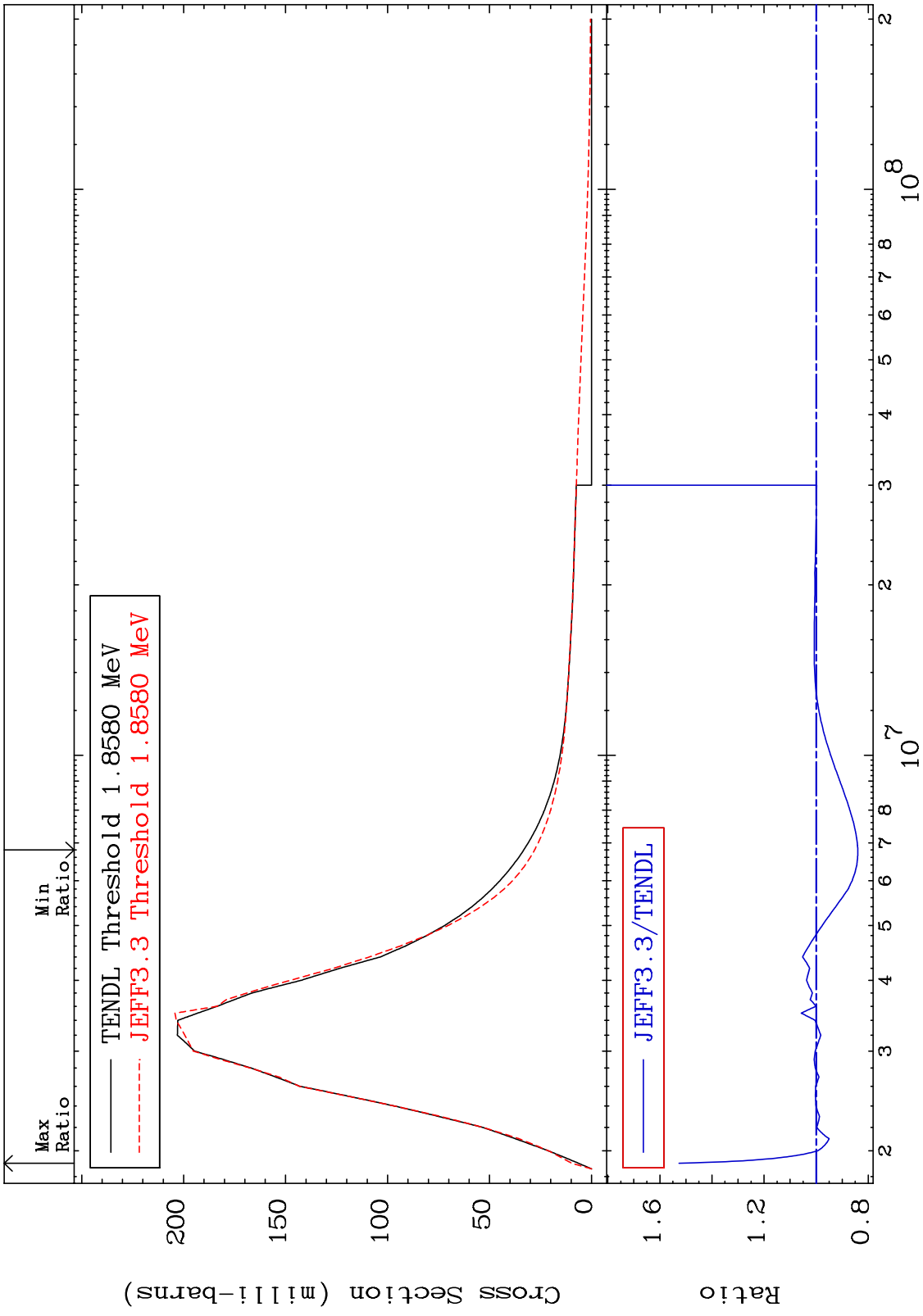


5

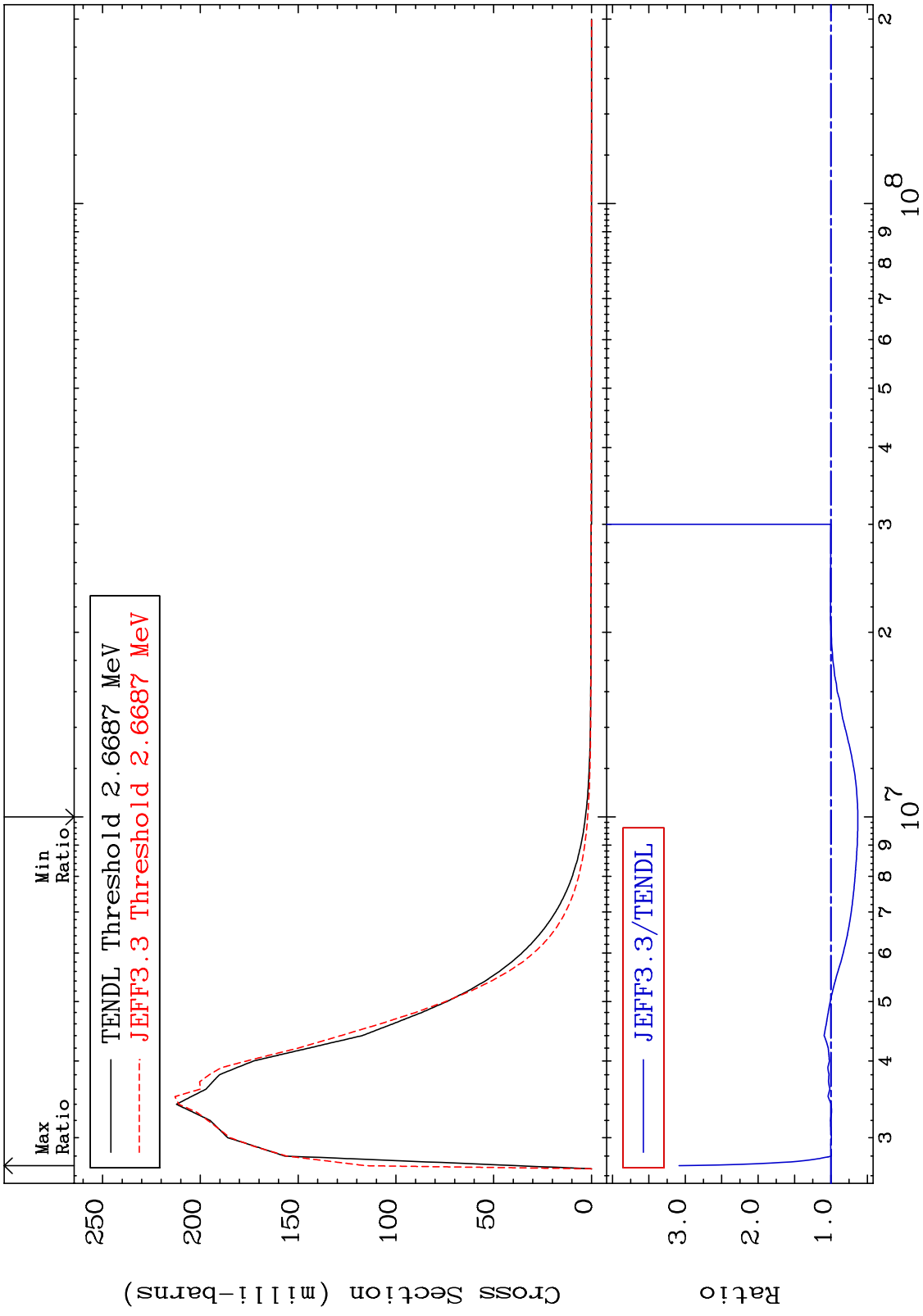
24-Cr-54

24-Cr-54

MAT 2437 MT= 52 (n,n') Level Cross Section -16.00 To 52.64 % 24-Cr-54



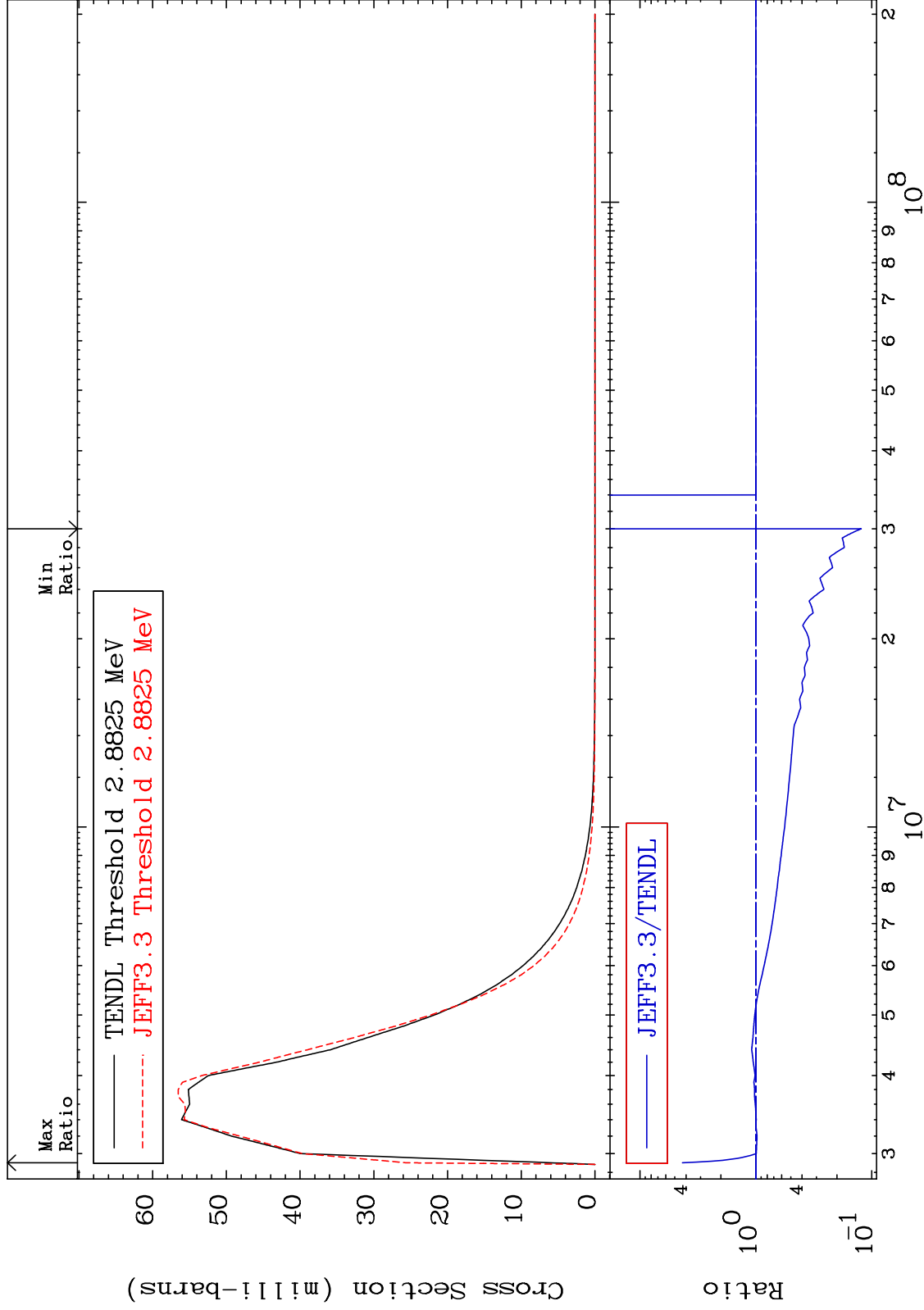
MAT 2437 MT= 53 (n,n') Level Cross Section -36.96 To 208.5 % 24-Cr-54



MAT 2437

MT= 54 (n,n') Level
Cross Section

24-Cr-54
-87.67 To 329.8 %

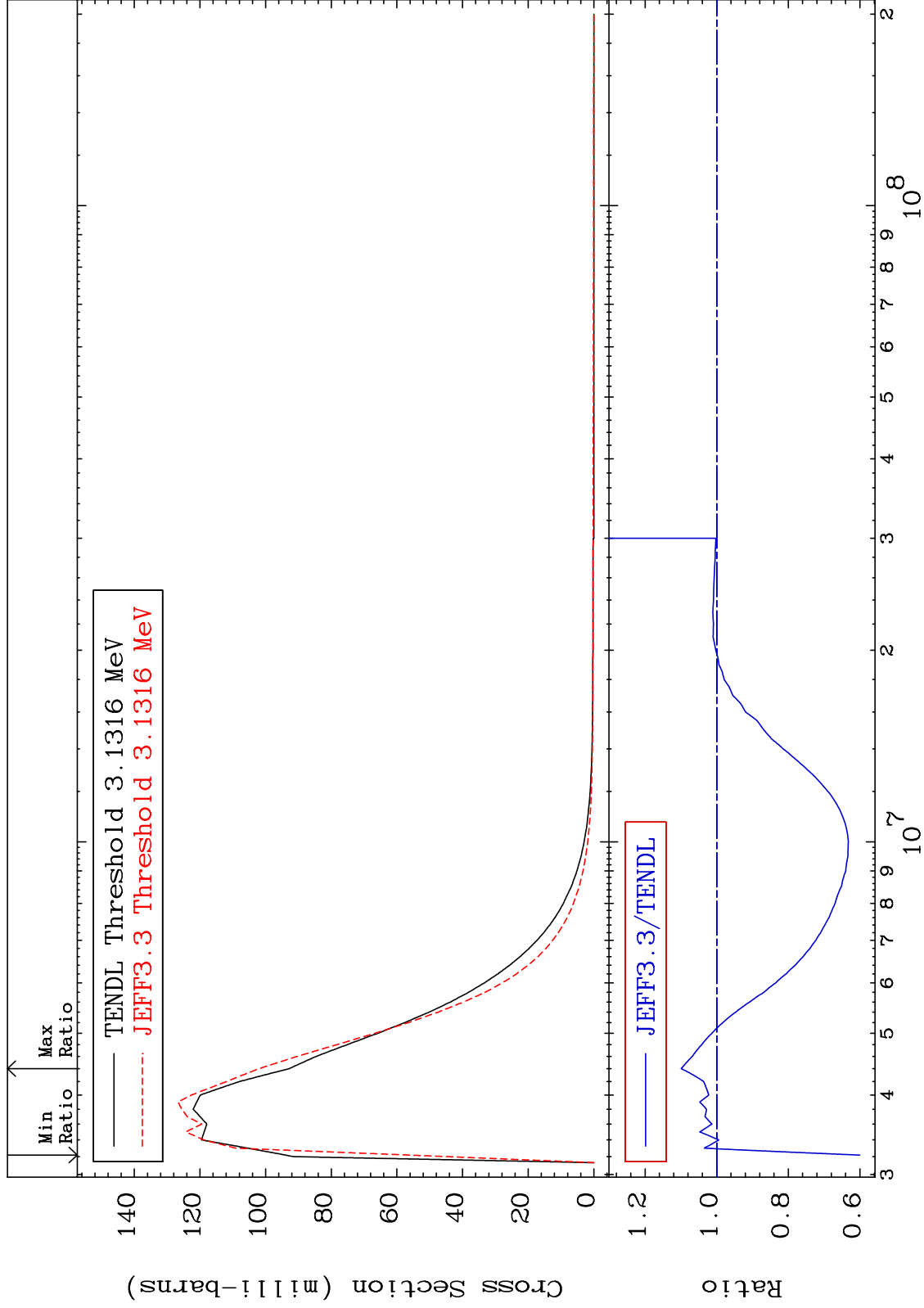


8

MAT 2437

MT= 55 (n,n') Level
Cross Section

24-Cr-54
-39.95 To 9.896 %



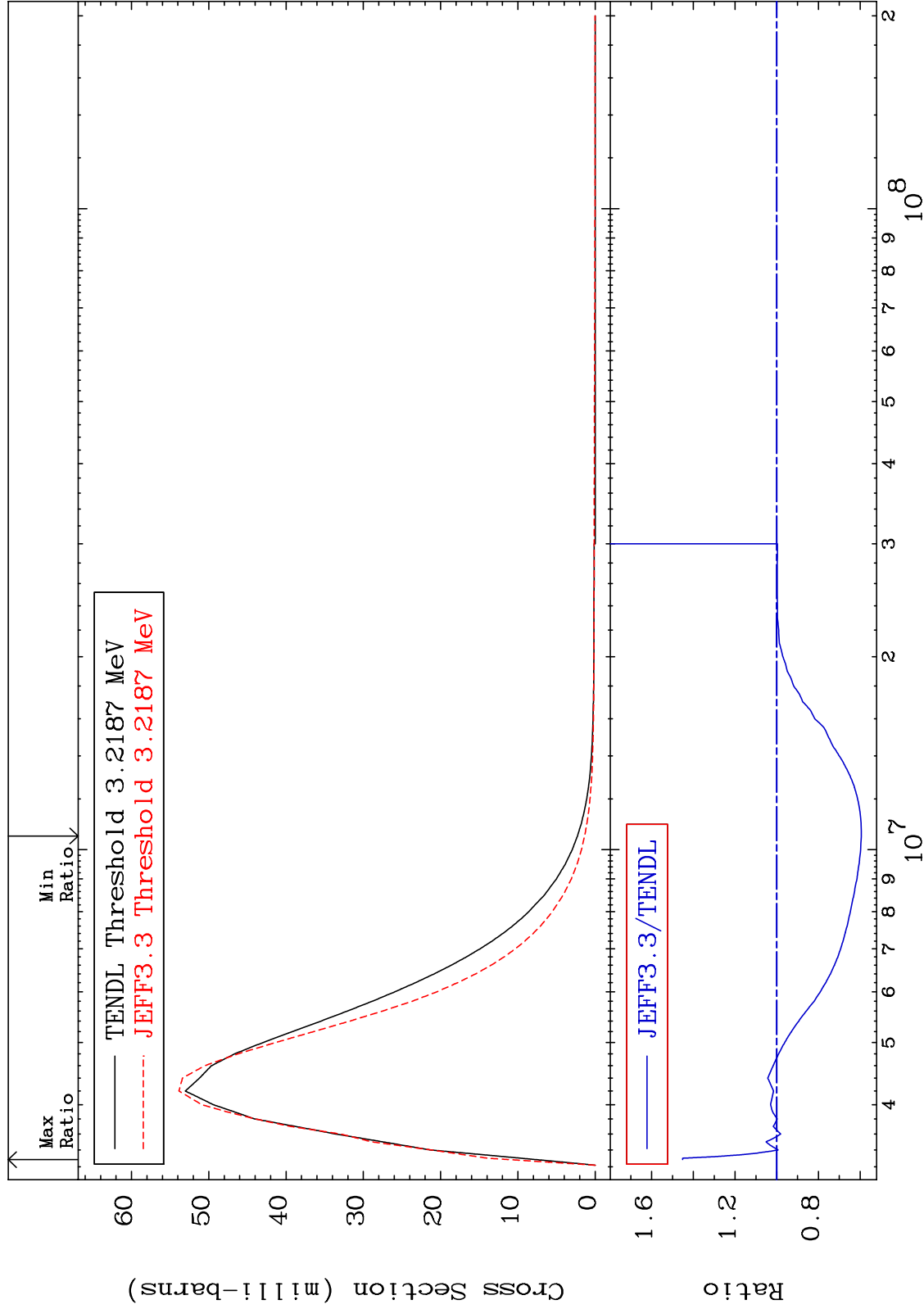
9

24-Cr-54

MAT 2437

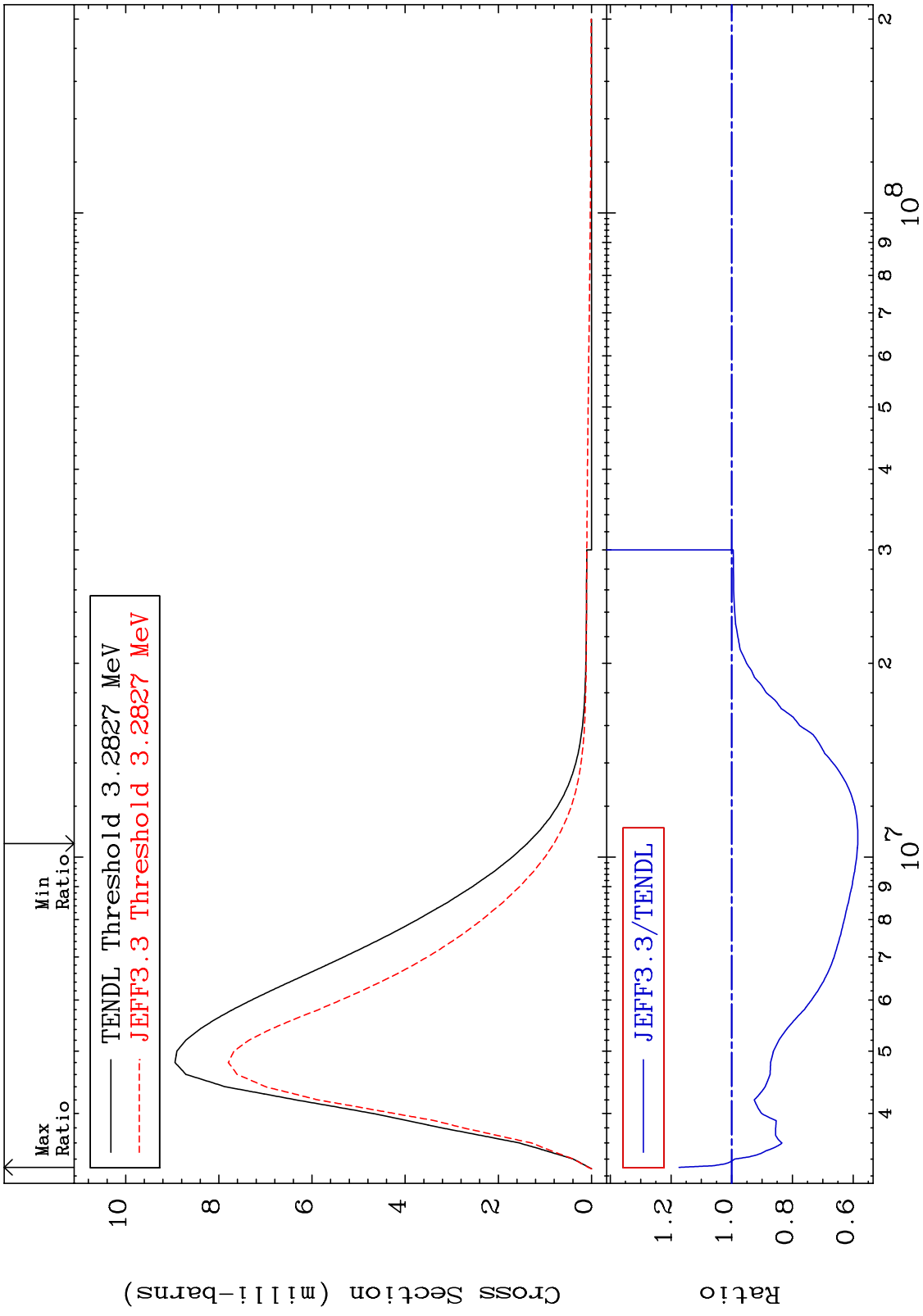
MT= 56 (n,n') Level
Cross Section

24-Cr-54
-40.57 To 45.13 %



10

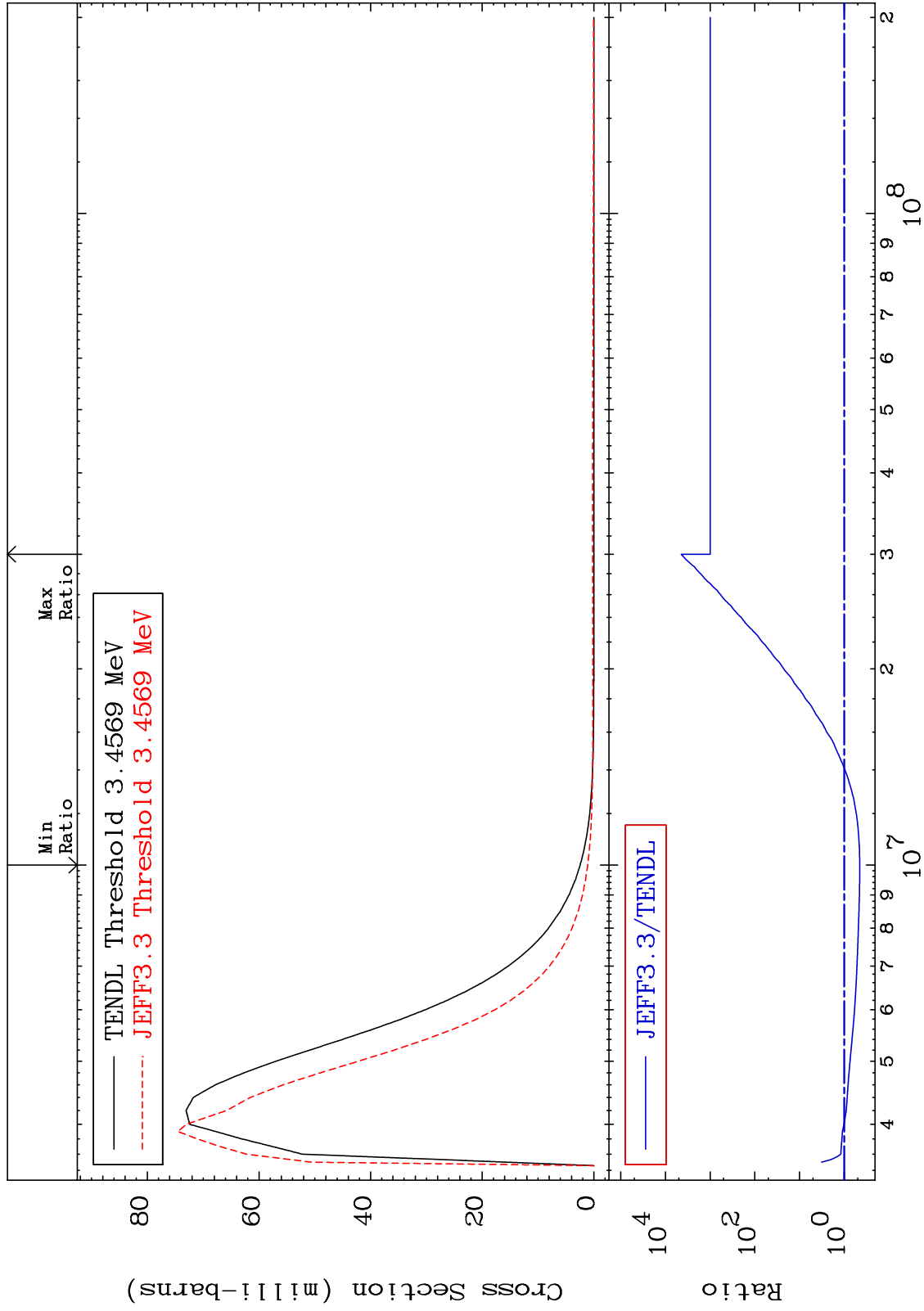
MAT 2437 MT= 57 (n,n') Level Cross Section 24-Cr-54
 -41.56 To 17.35 %



MAT 2437

MT= 58 (n,n') Level
Cross Section

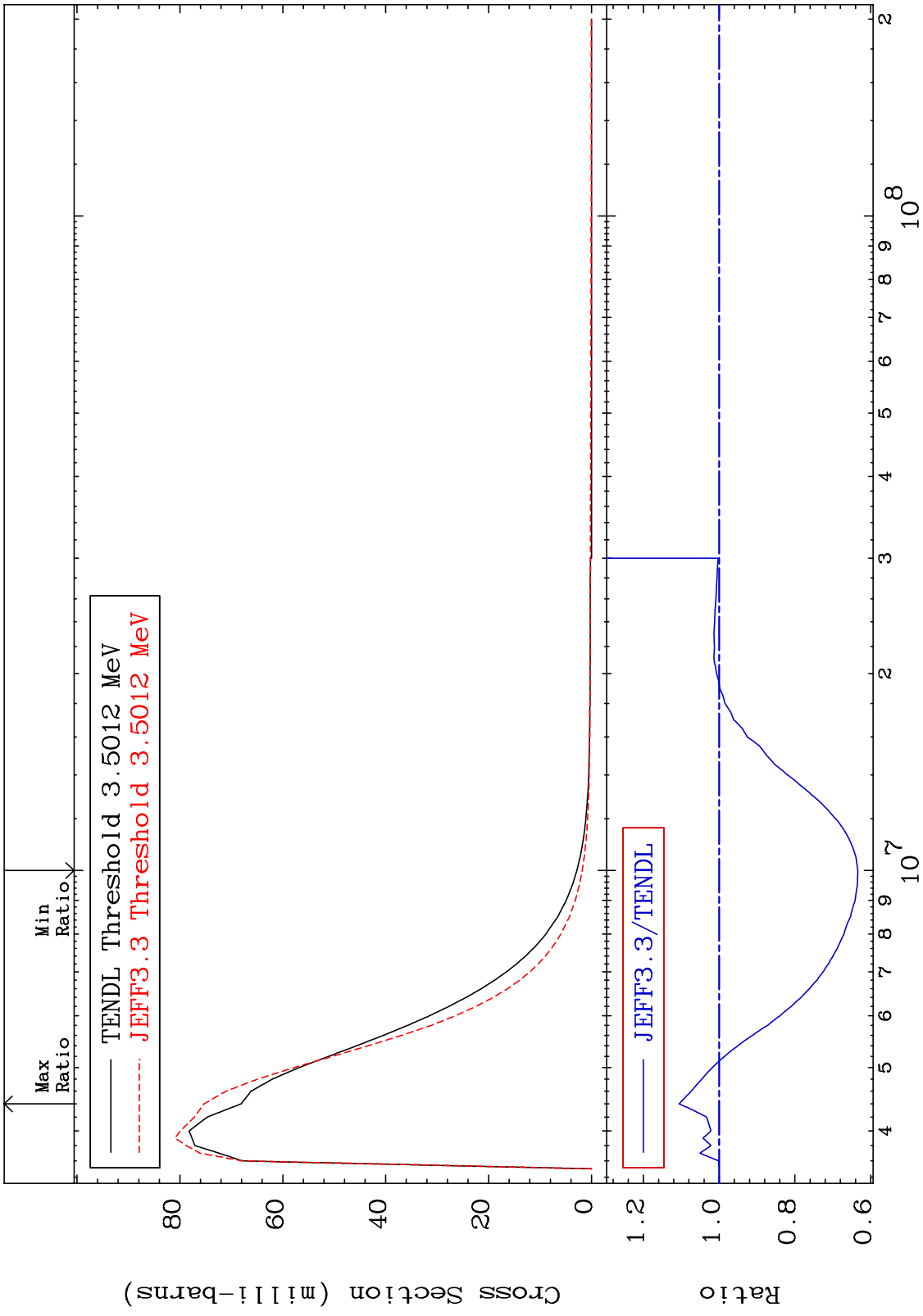
24-Cr-54
-55.09 To 9999. %



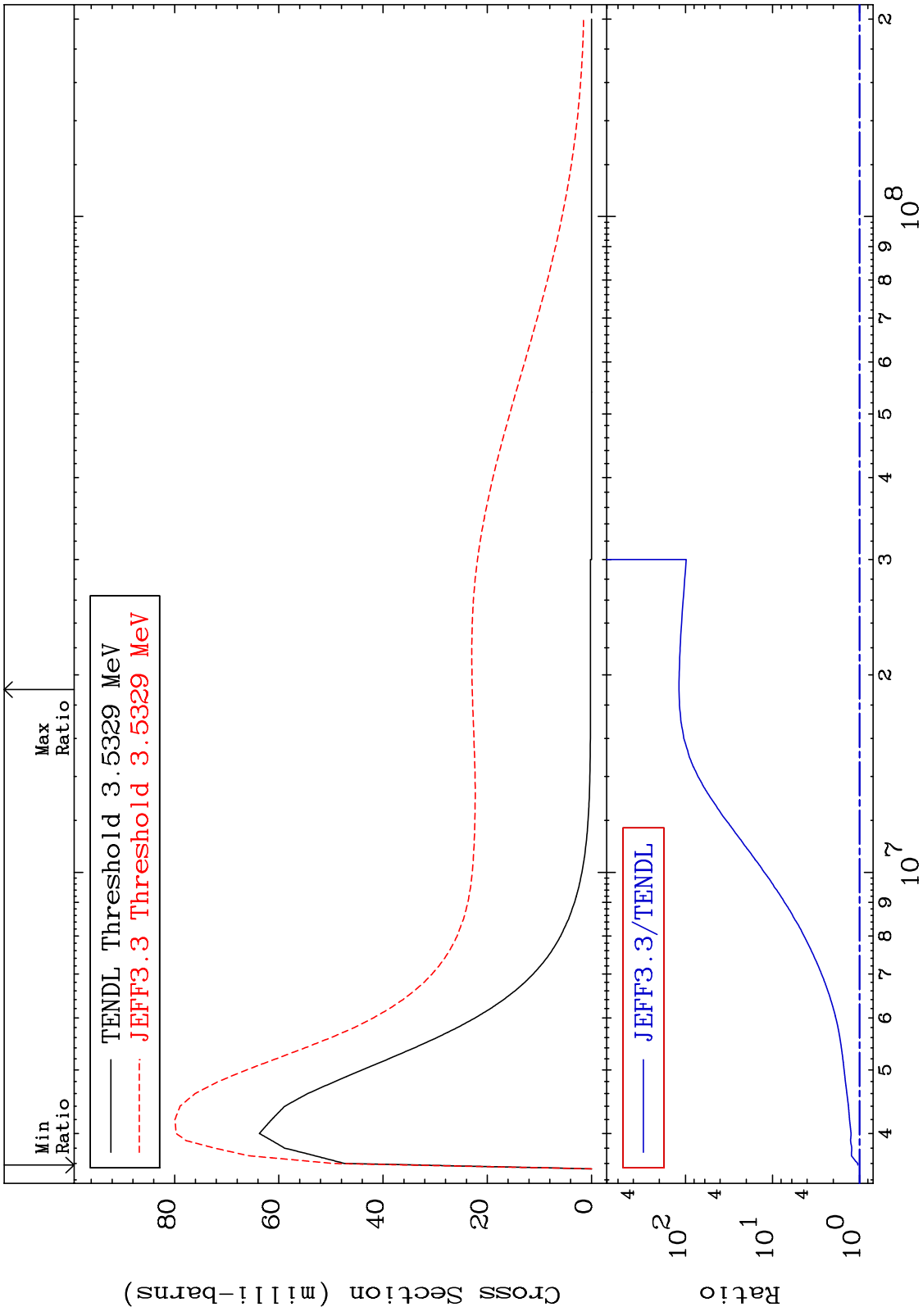
12

24-Cr-54

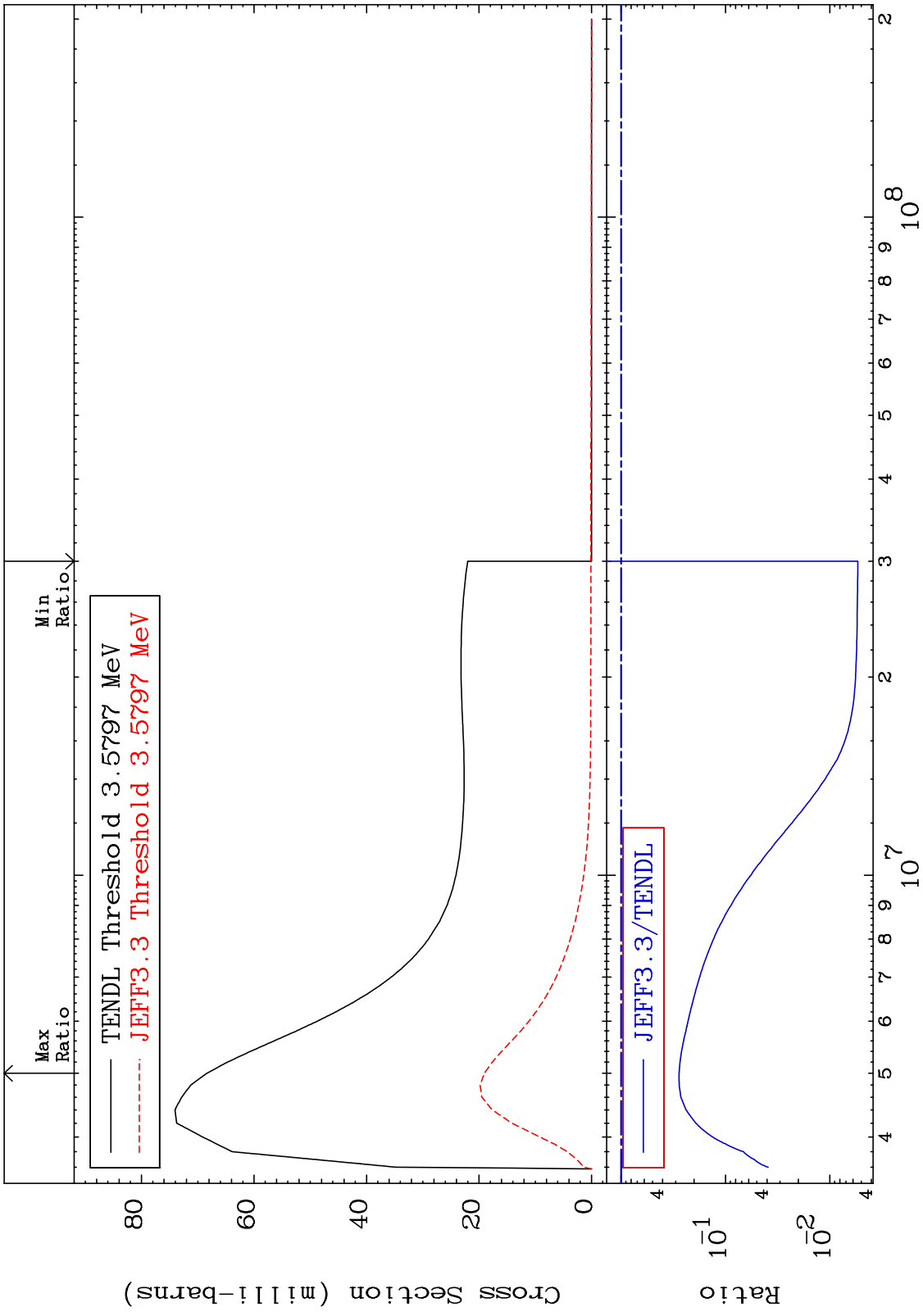
MAT 2437 MT= 59 (n,n') Level Cross Section -36.61 To 10.60 % 24-Cr-54



MAT 2437 MT= 60 (n,n') Level Cross Section 24-Cr-54 To 9999. %



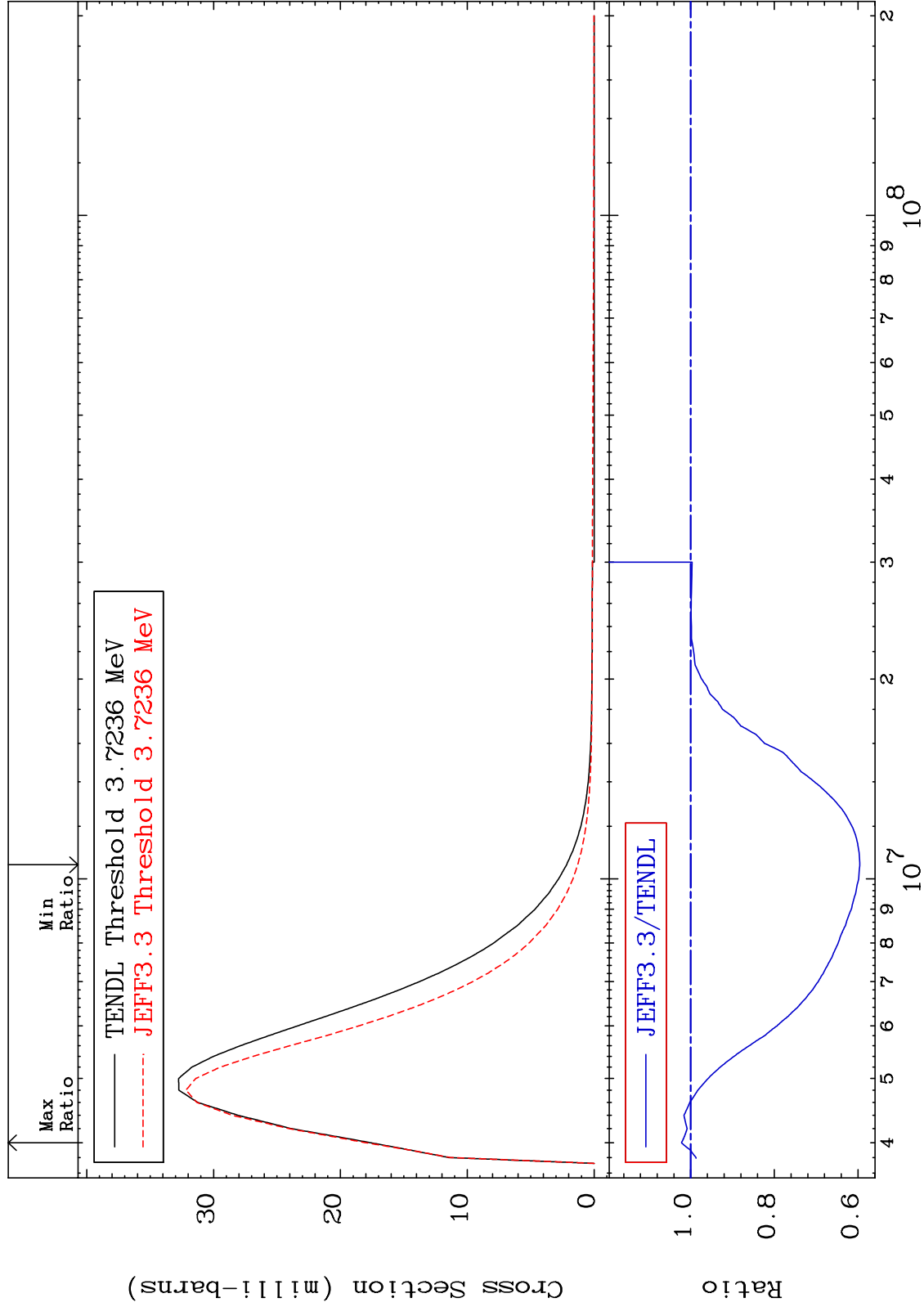
MAT 2437 MT= 61 (n,n') Level Cross Section 24-Cr-54
 -99.46 To -72.16%



MAT 2437

MT= 62 (n,n') Level
Cross Section

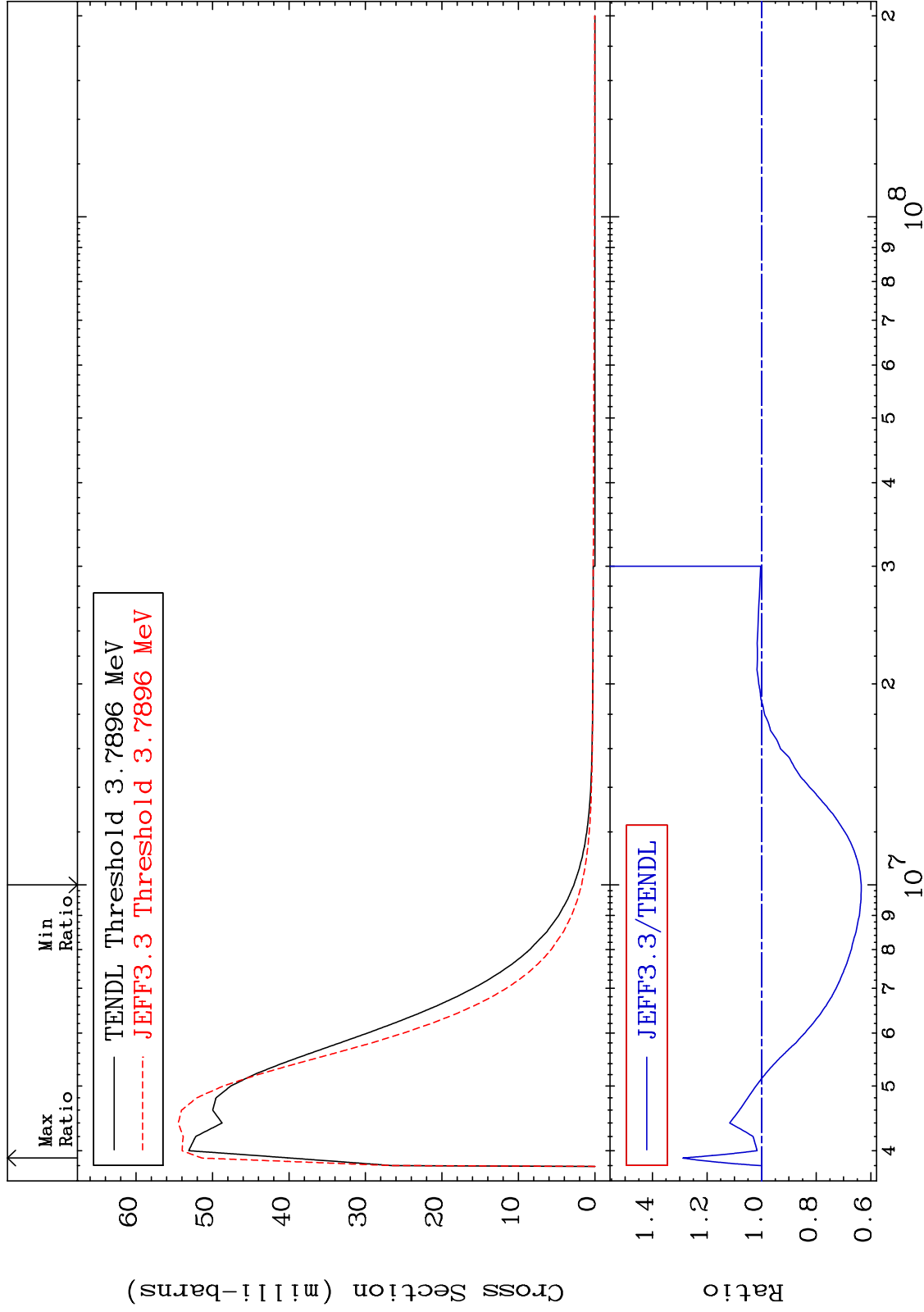
24-Cr-54
-40.44 To 2.198 %



MAT 2437

MT= 63 (n,n') Level
Cross Section

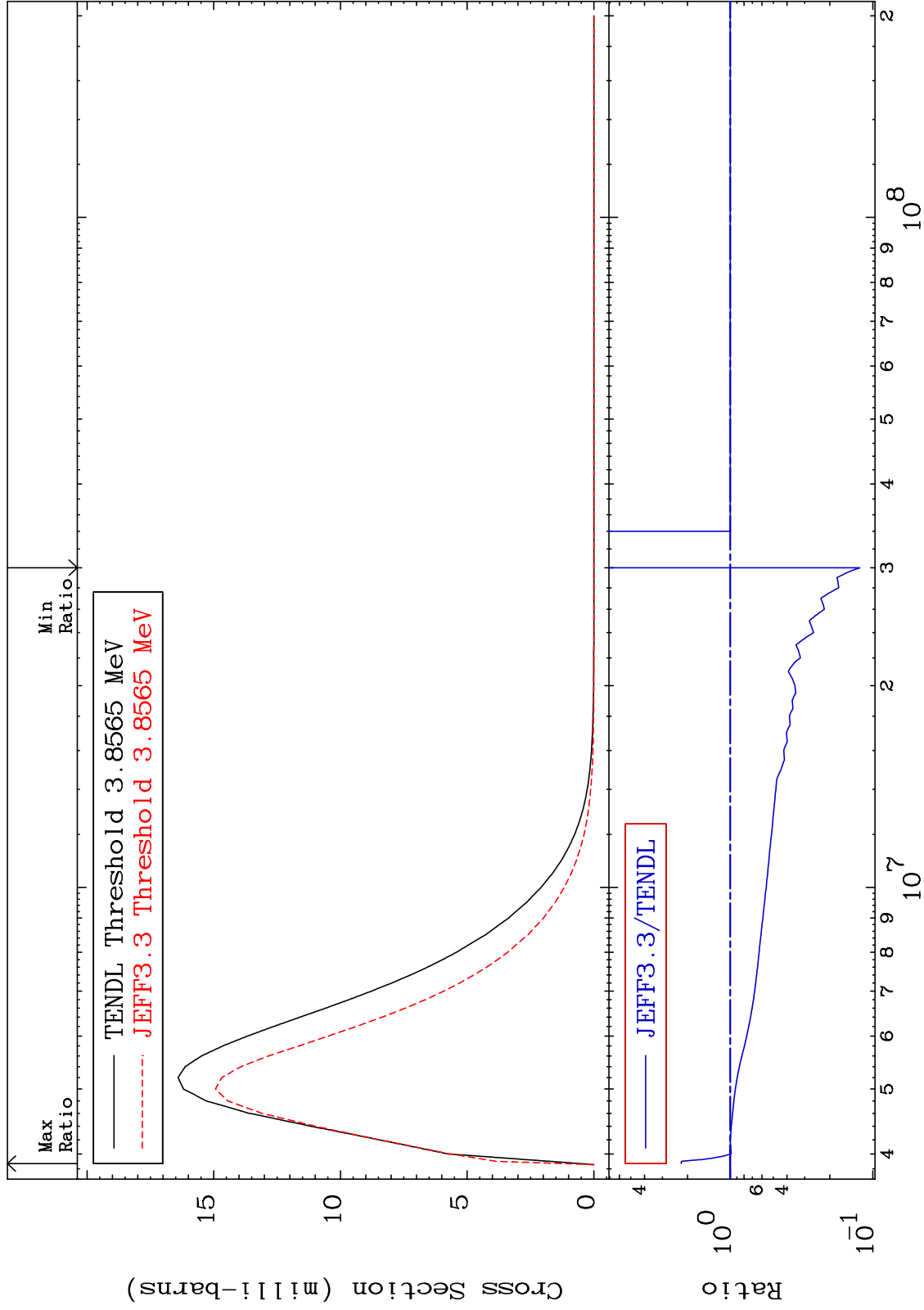
24-Cr-54
-36.48 To 29.00 %



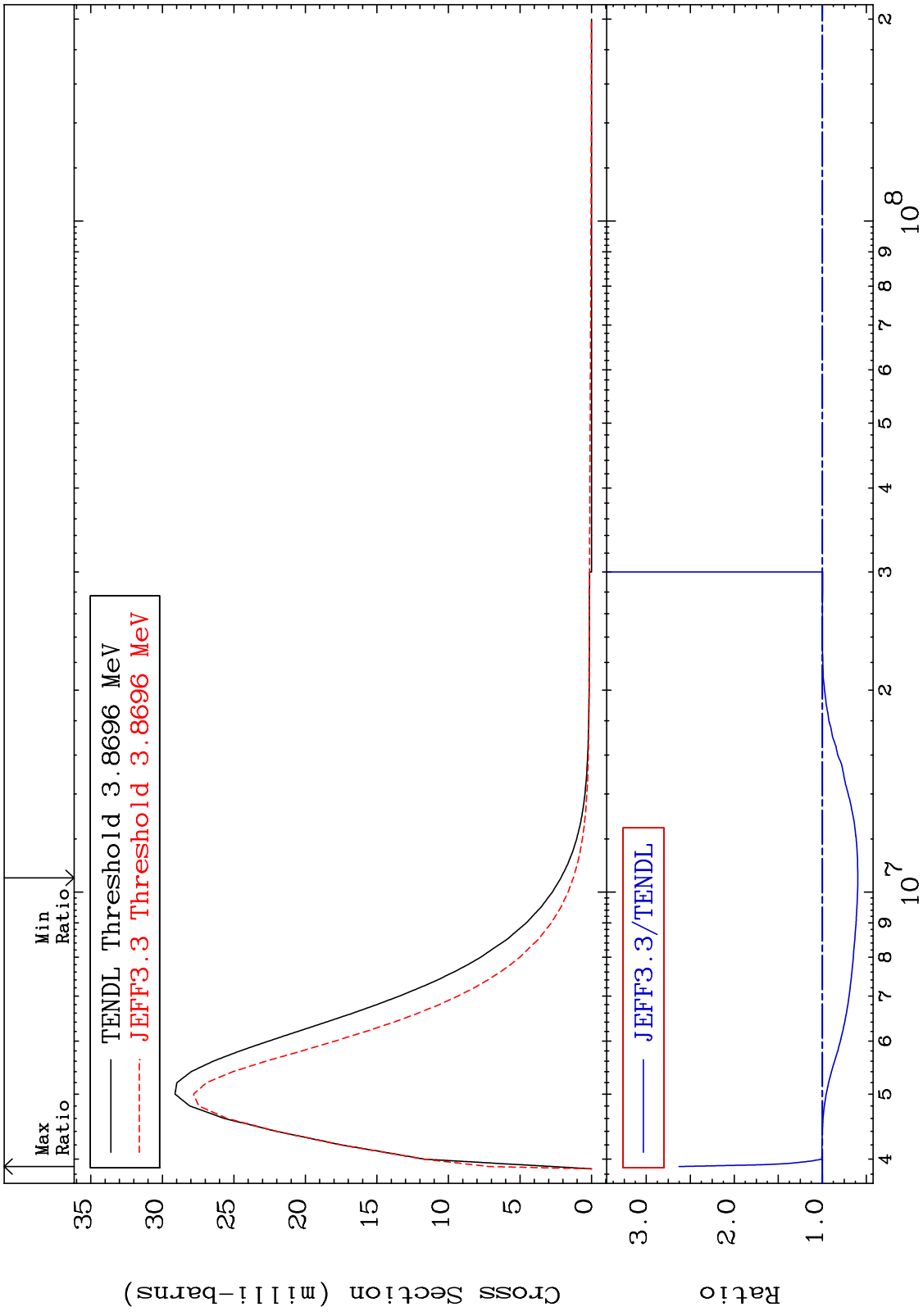
MAT 2437

MT= 64 (n,n') Level
Cross Section

24-Cr-54
-87.66 To 120.9 %



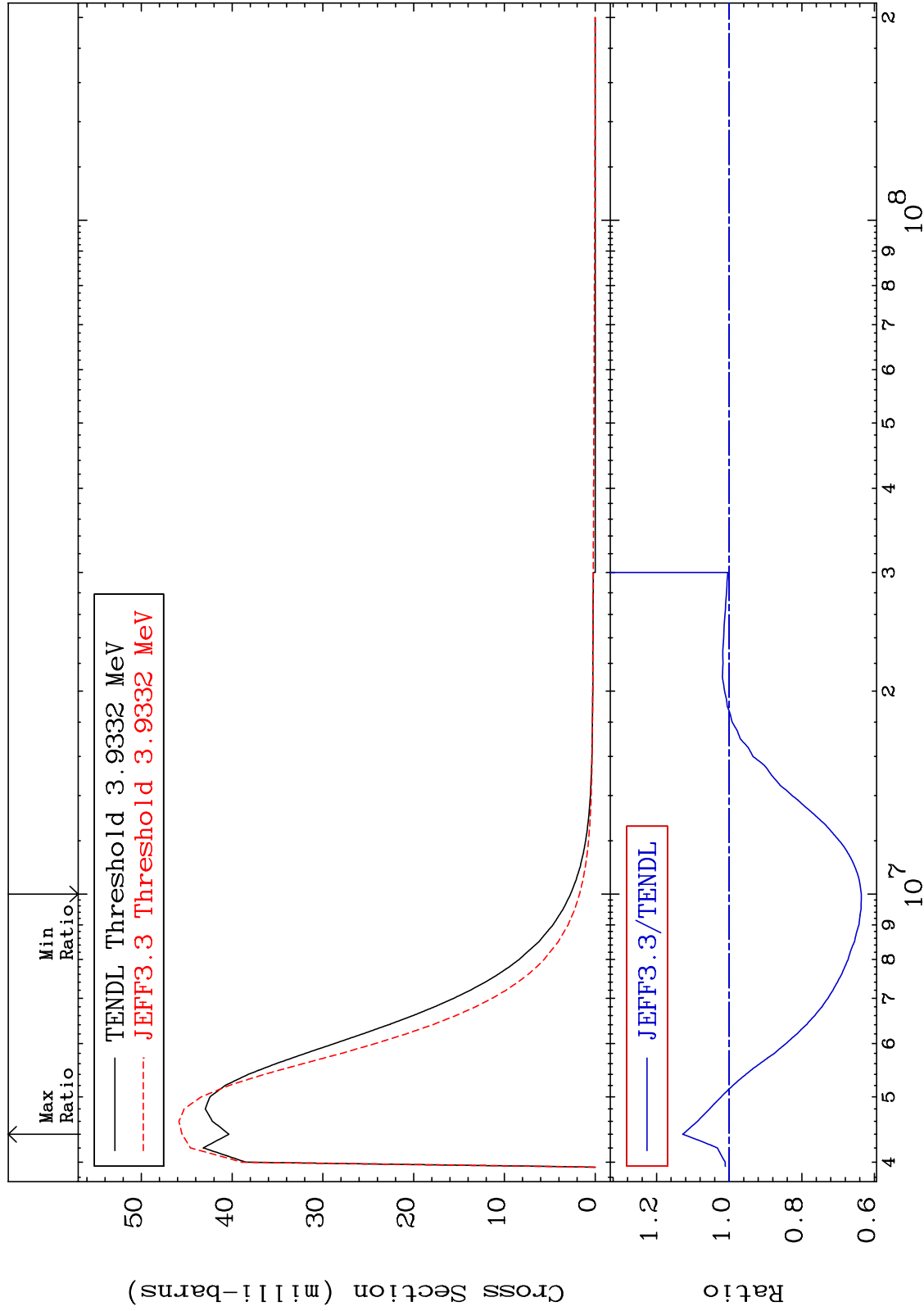
MAT 2437 MT= 65 (n,n') Level Cross Section -40.40 To 162.7 % 24-Cr-54



MAT 2437

MT= 66 (n,n') Level
Cross Section

24-Cr-54
-36.42 To 12.82 %

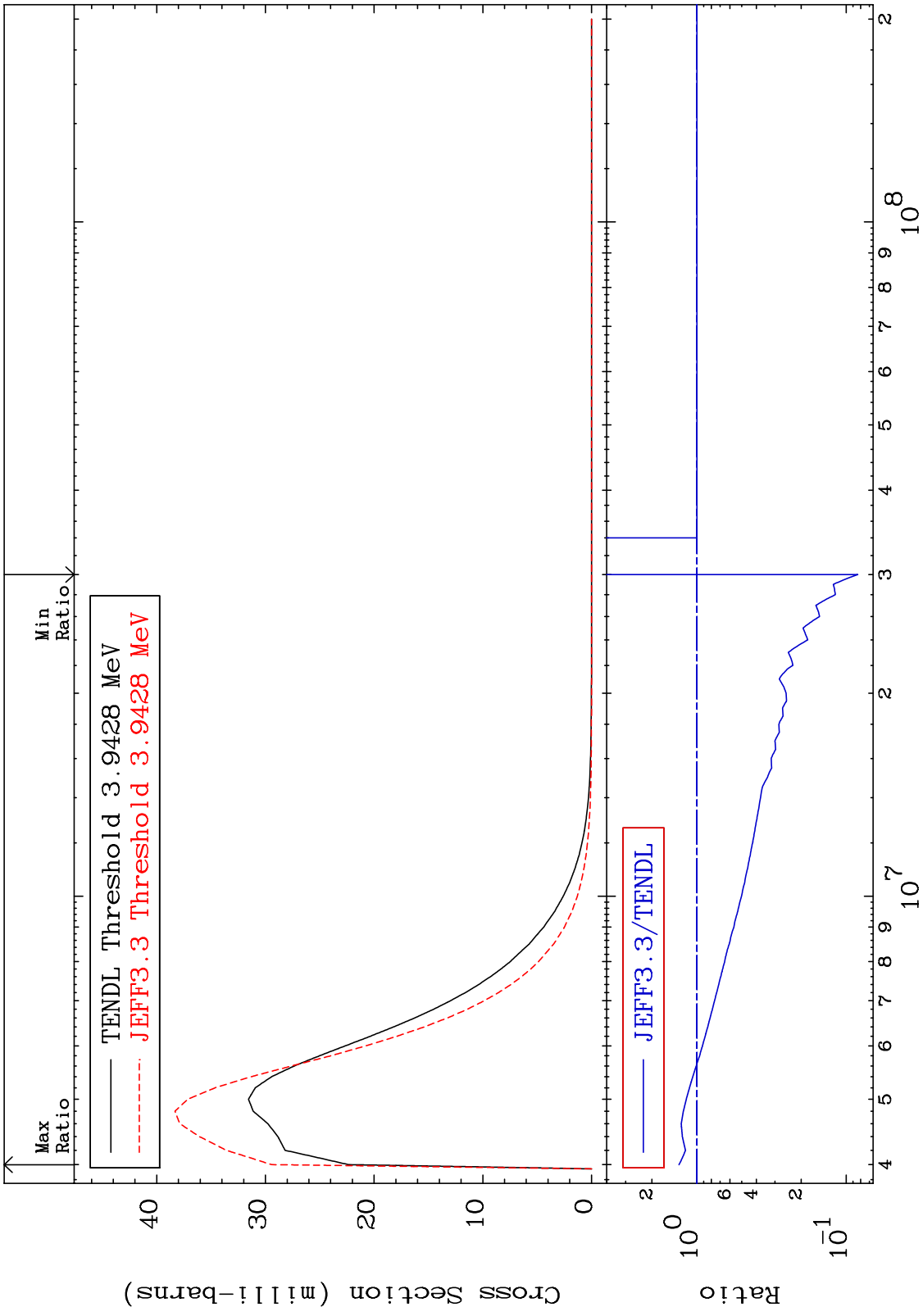


20

Incident Energy (eV)

24-Cr-54

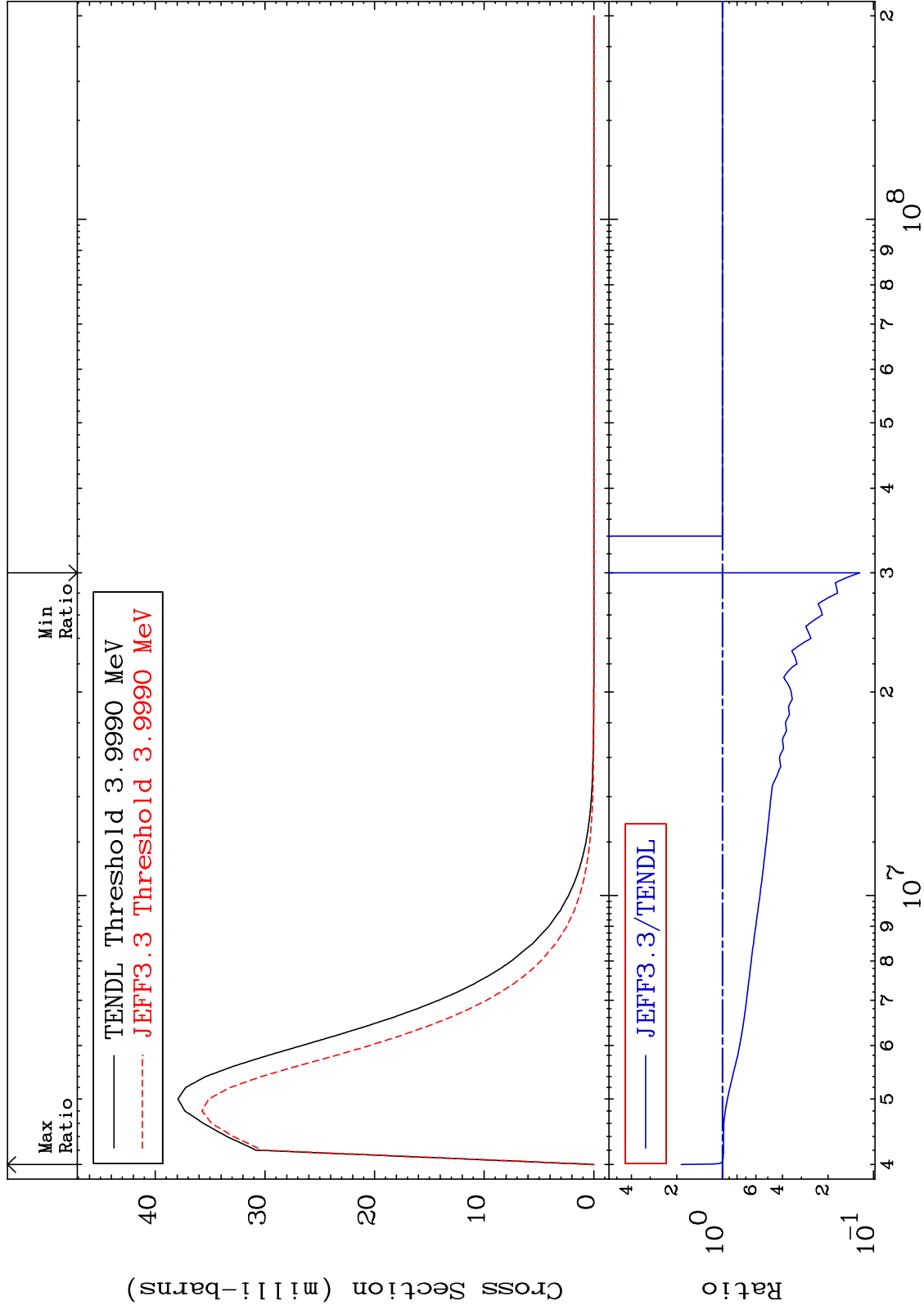
MAT 2437 MT= 67 (n,n') Level Cross Section -91.64 To 31.56 % 24-Cr-54



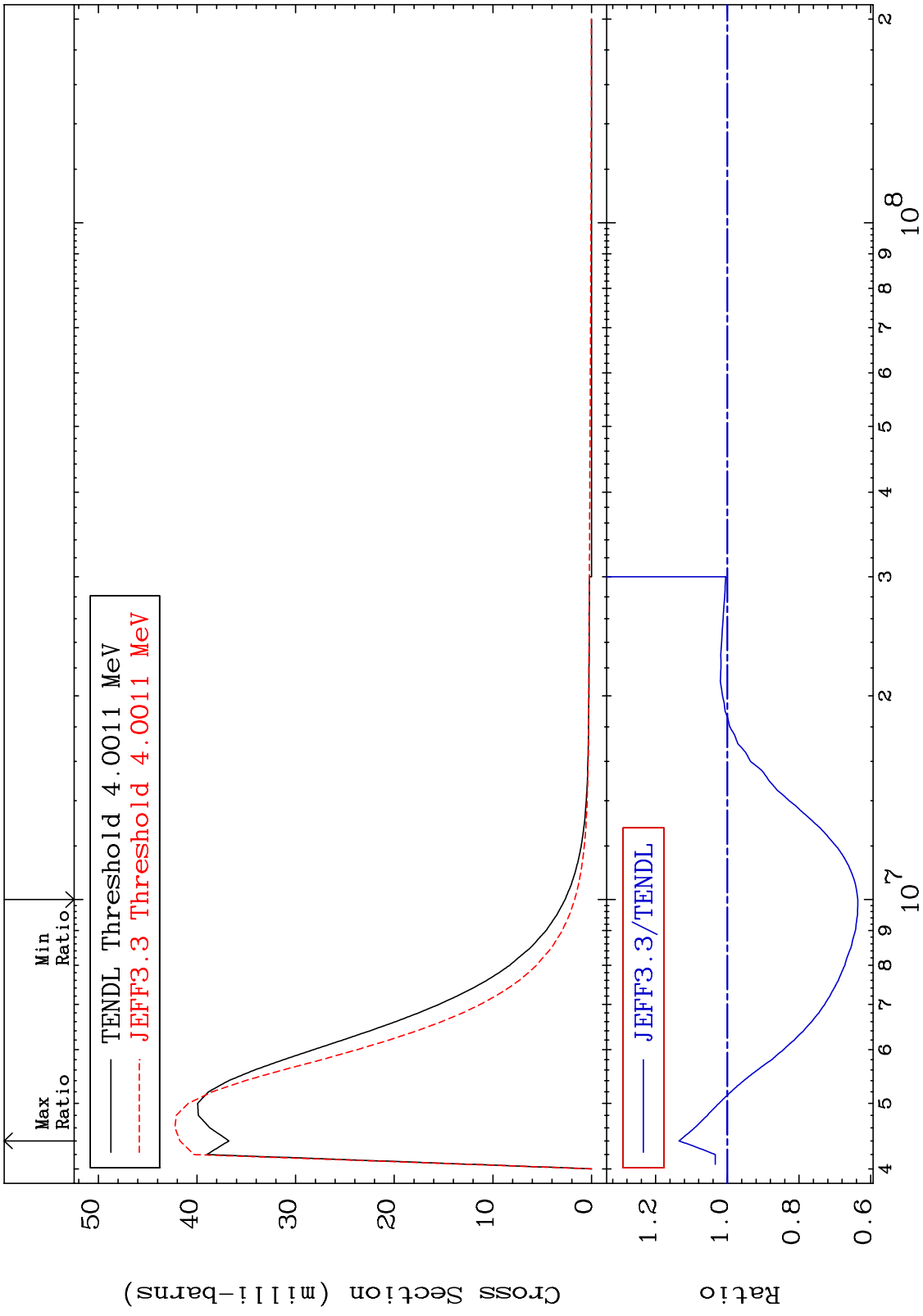
MAT 2437

MT= 68 (n,n') Level
Cross Section

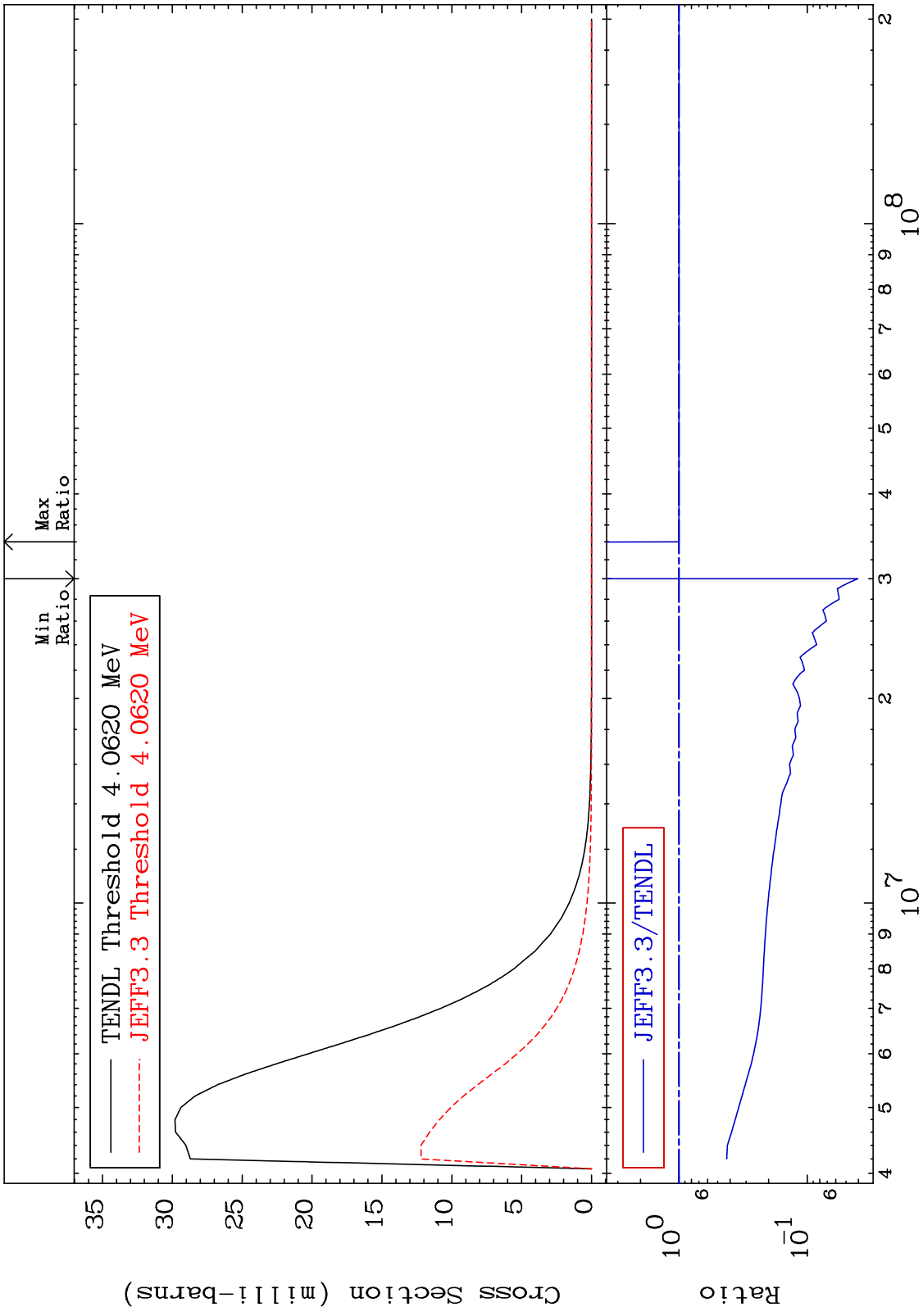
24-Cr-54
-87.67 To 87.13 %



MAT 2437 MT= 69 (n,n') Level Cross Section -36.39 To 13.48 % 24-Cr-54



MAT 2437 MT= 70 (n,n') Level Cross Section -95.96 To 0.000 % 24-Cr-54



24 Incident Energy (eV) 24-Cr-54

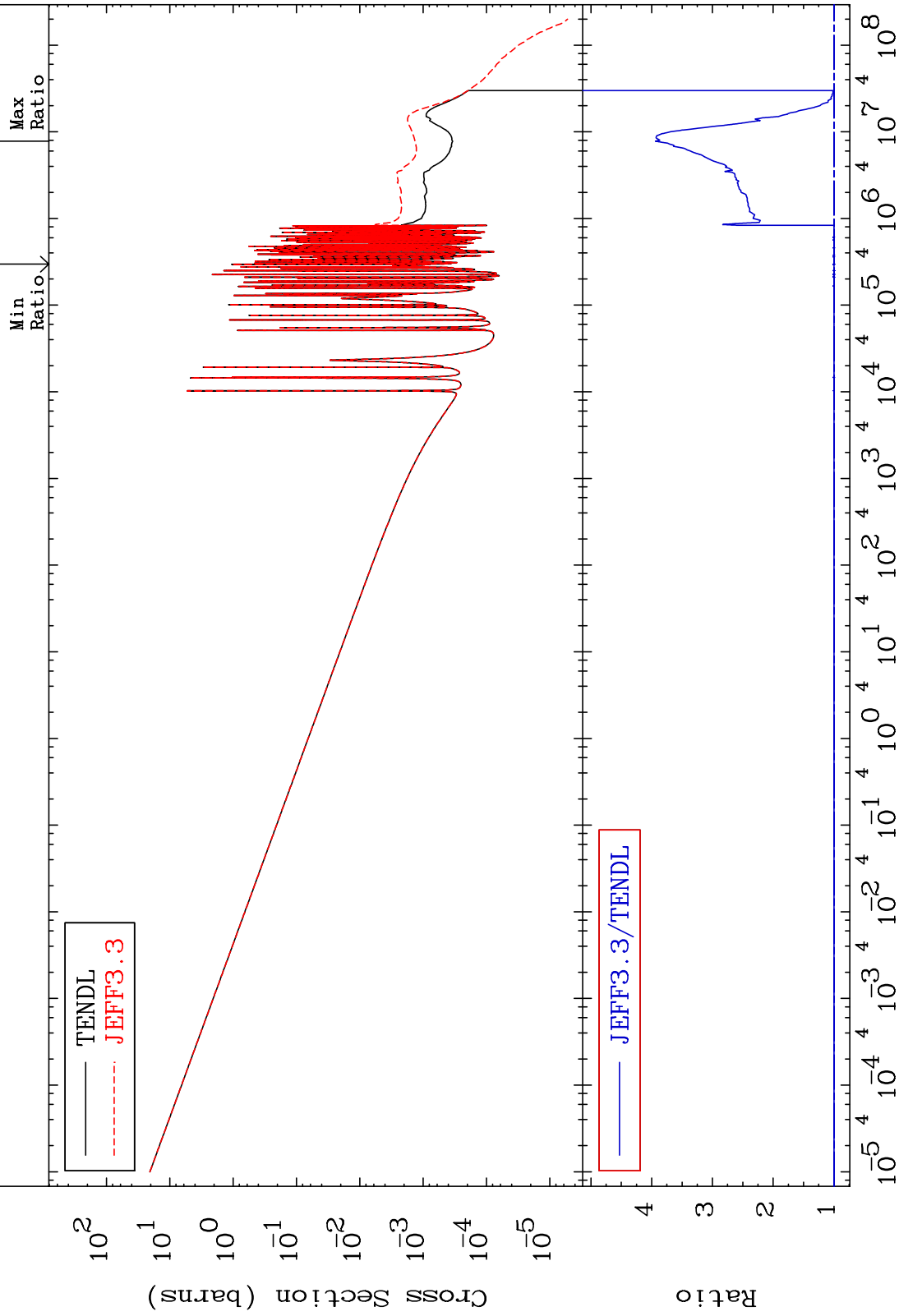
MAT 2437

(n, γ)

24-Cr-54

Cross Section

-0.899 To 294.1 %

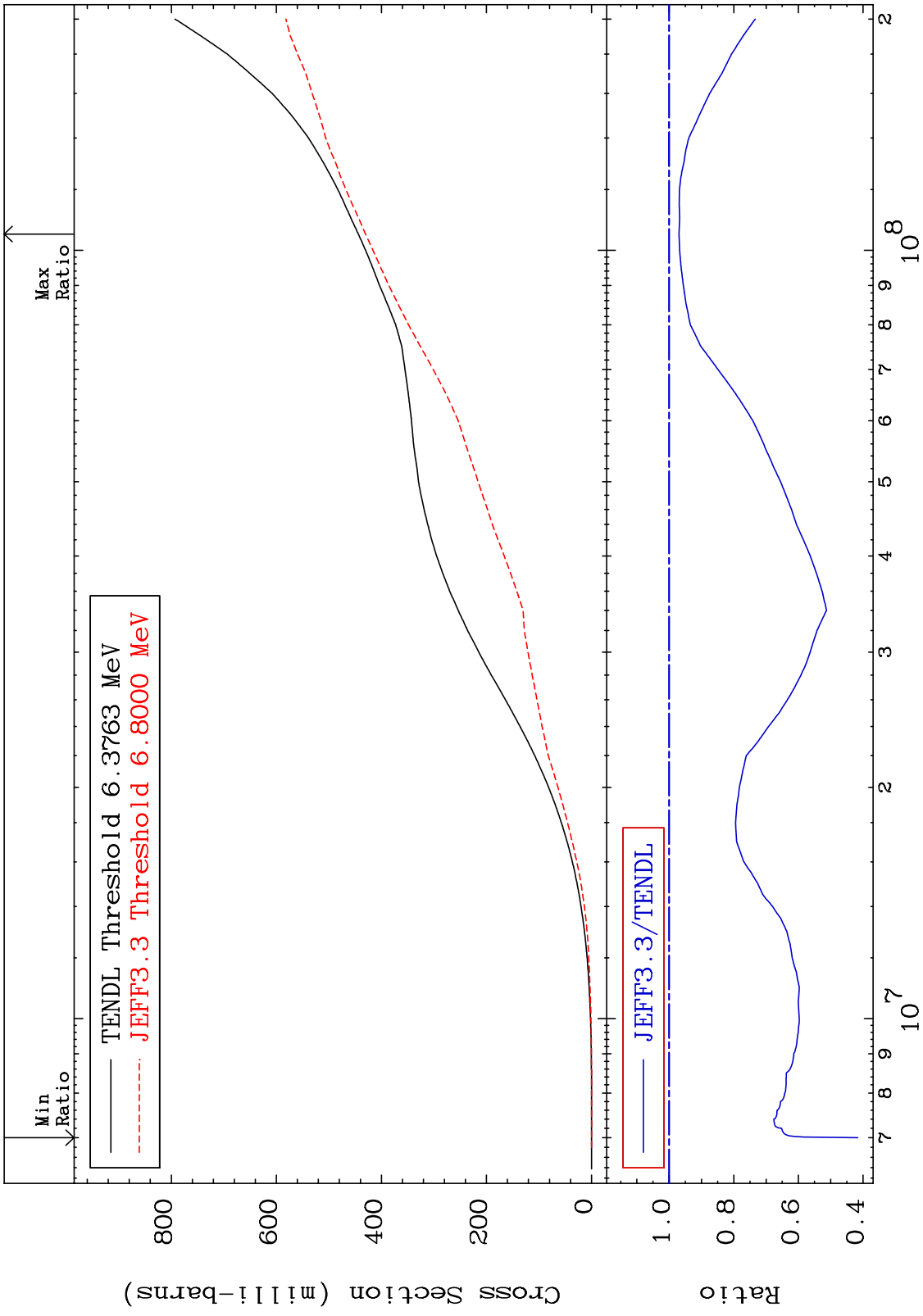


Incident Energy (eV)

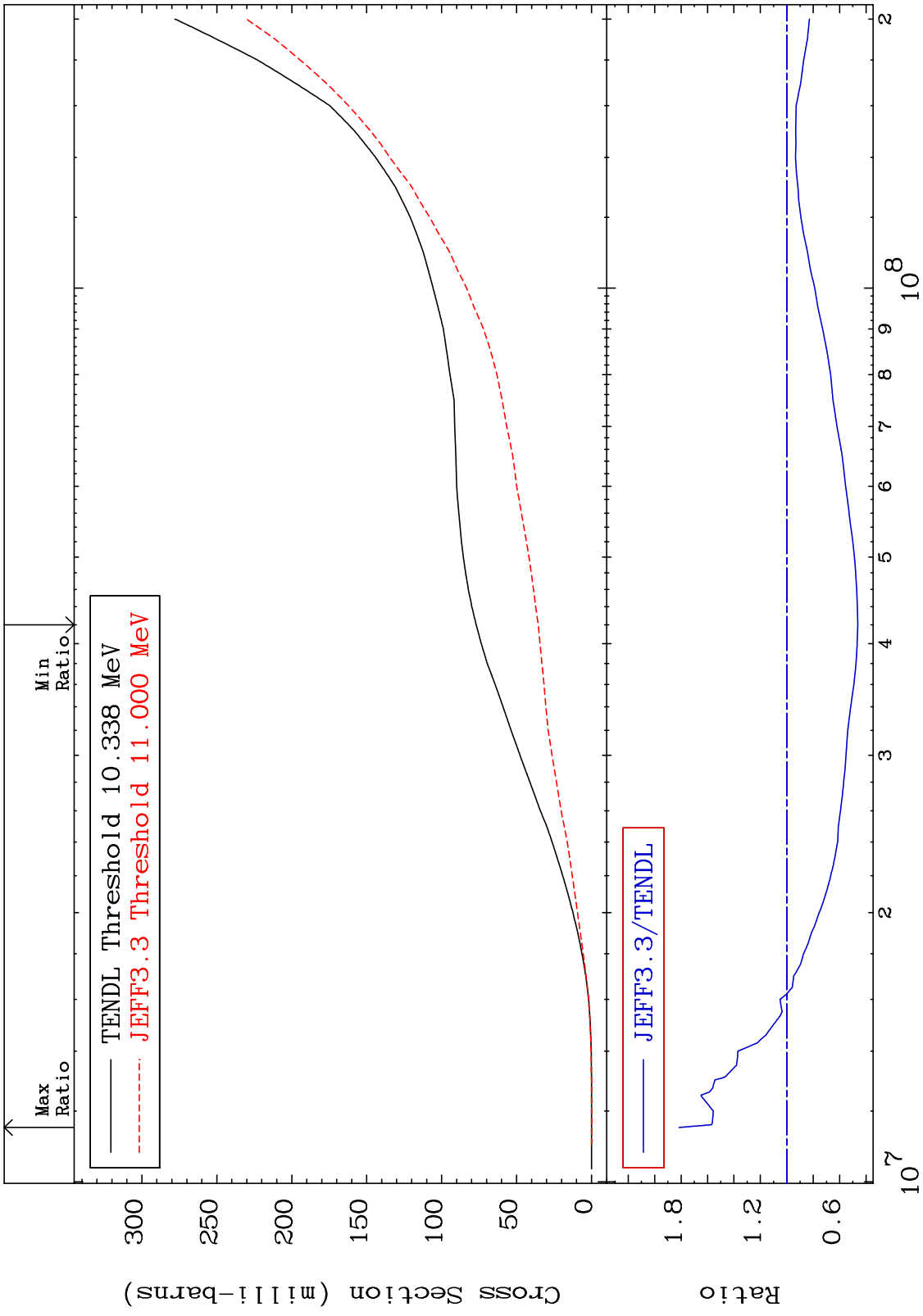
24-Cr-54

25

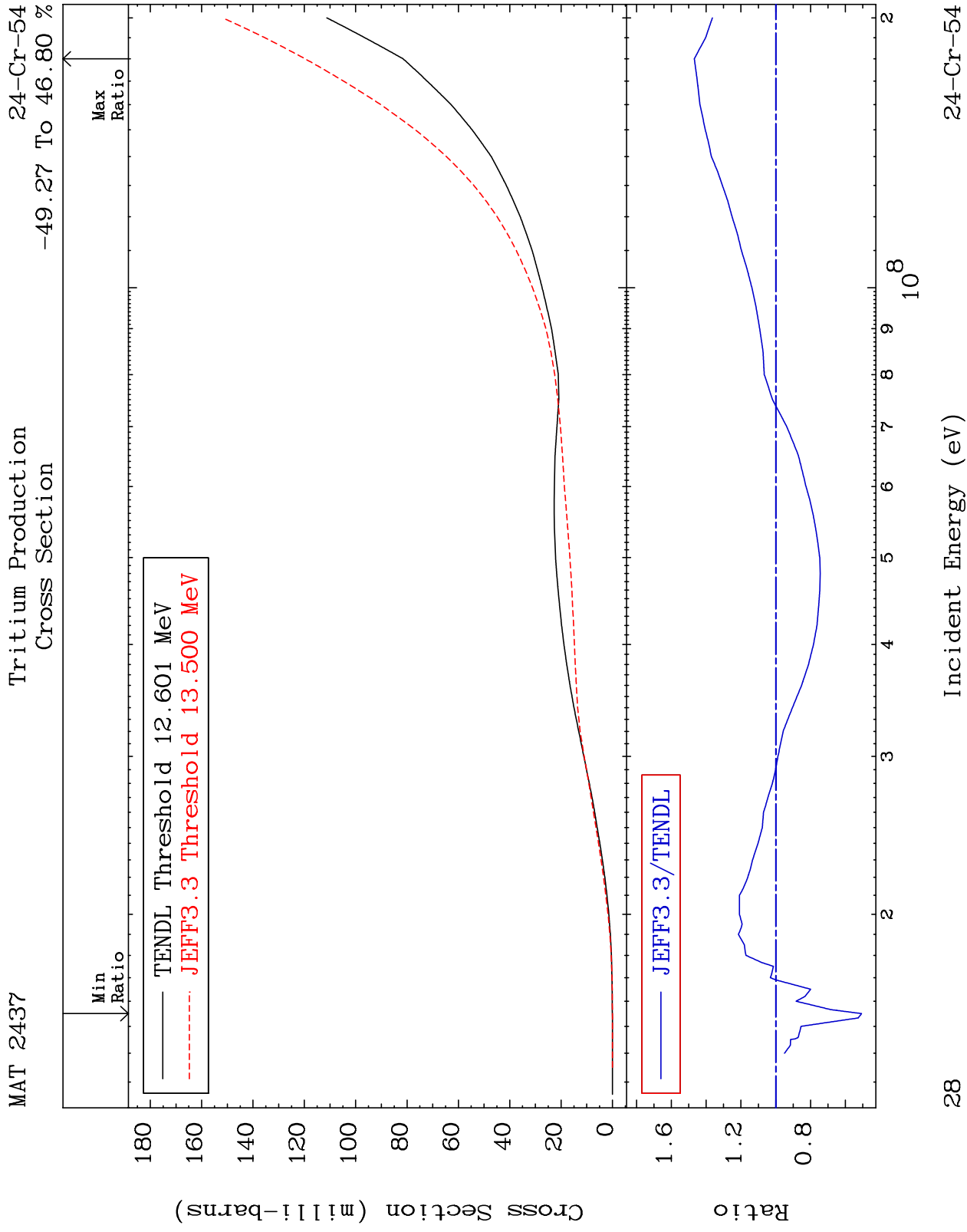
MAT 2437 Hydrogen Production Cross Section 24-Cr-54 -58.40 To -3.051%



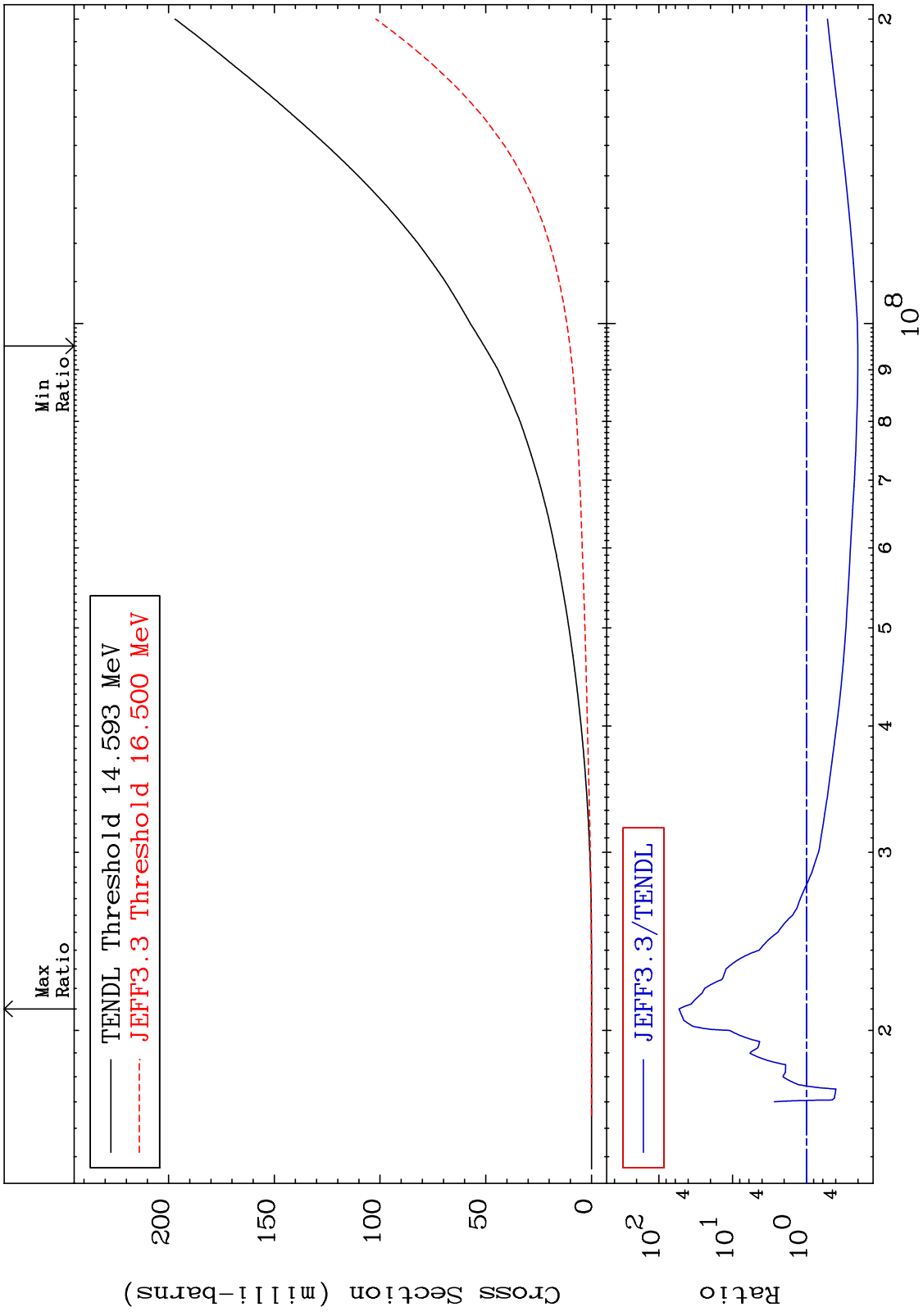
MAT 2437 Deuterium Production Cross Section 24-Cr-54 -53.77 To 81.54 %



27 24-Cr-54



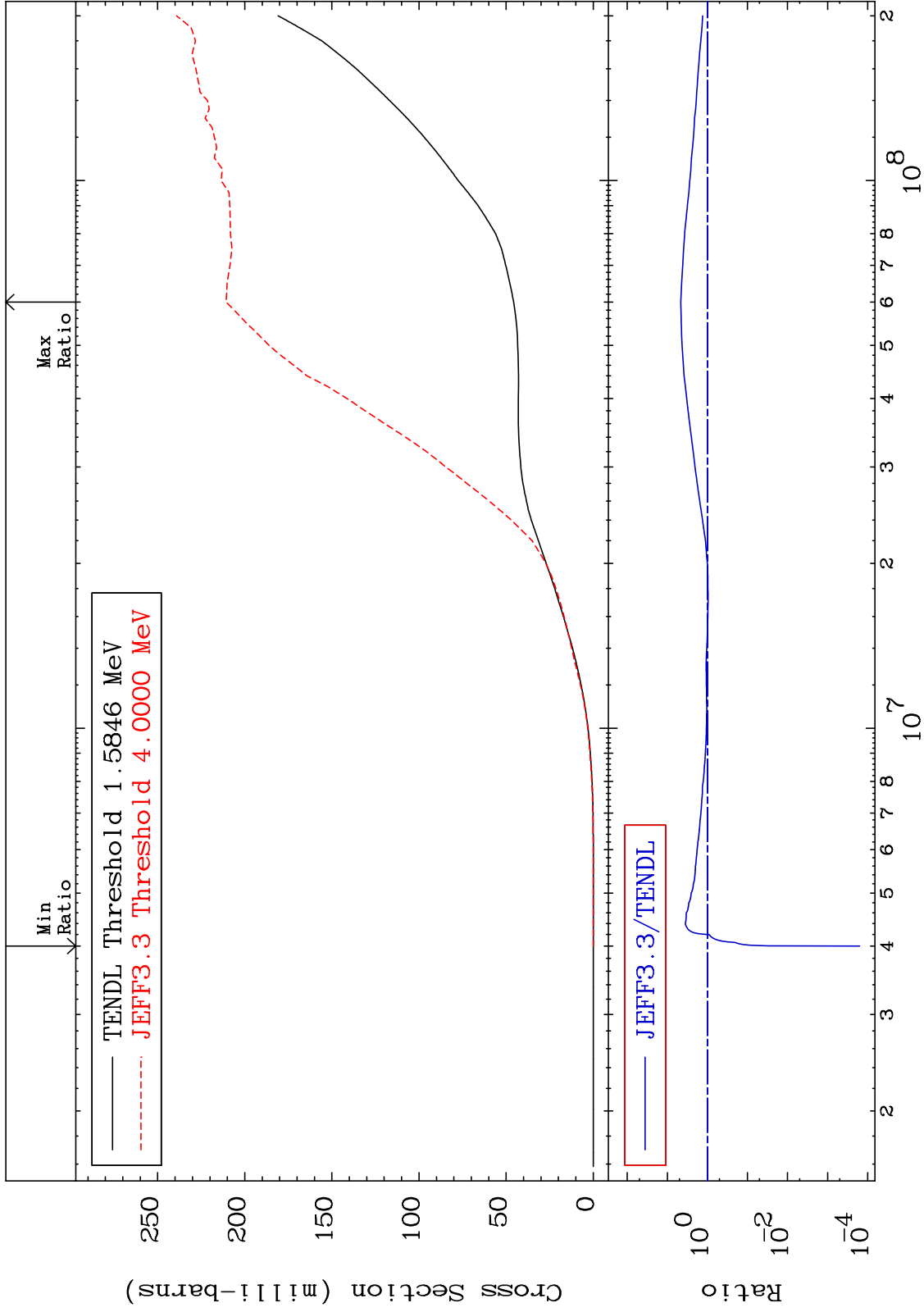
MAT 2437 He-3 Production Cross Section -79.93 To 5224. % 24-Cr-54



MAT 2437

He-4 Production
Cross Section

24-Cr-54
-99.98 To 361.1 %



30

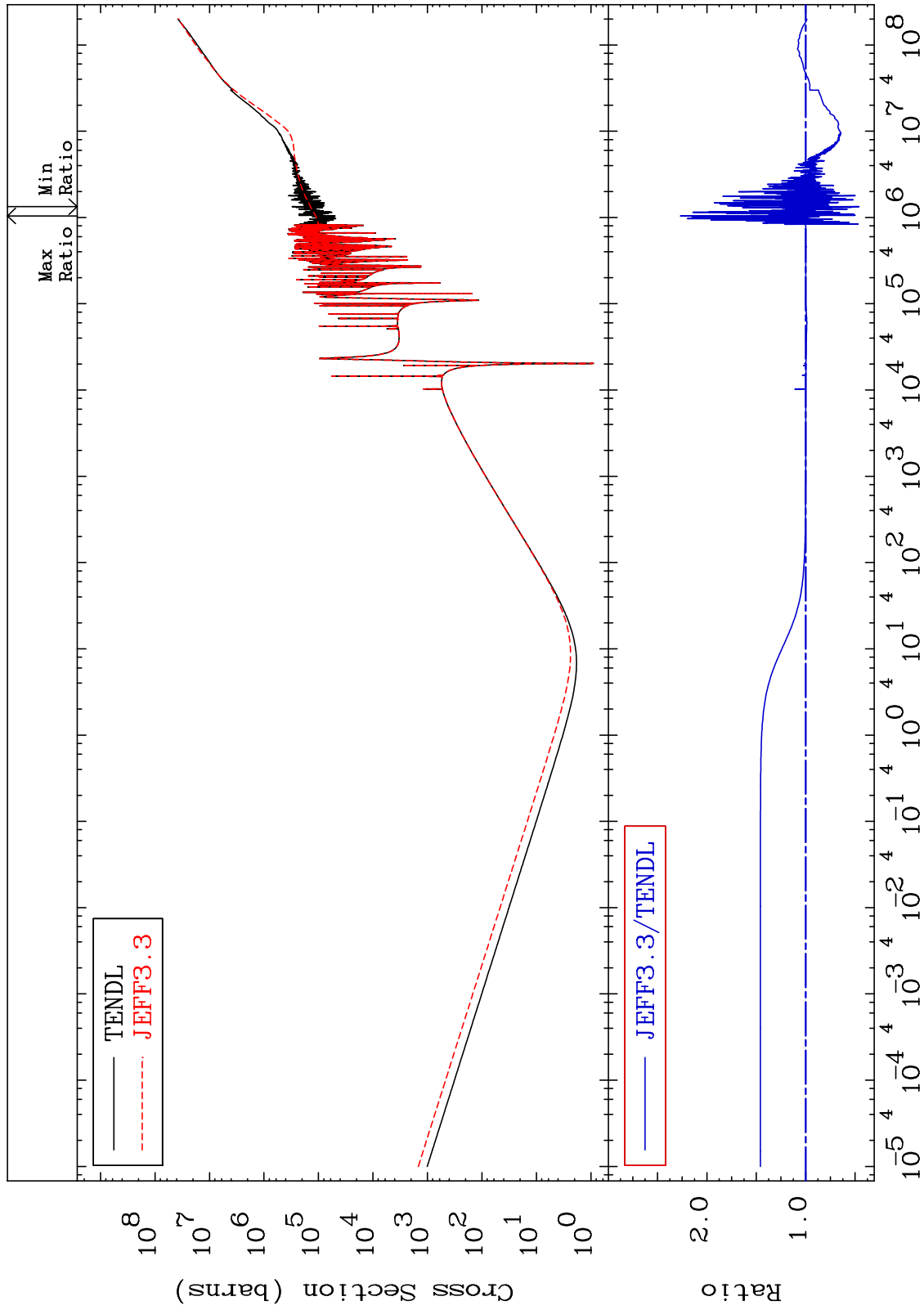
Incident Energy (eV)

24-Cr-54

MAT 2437

Kerma total (eV-barns)
Cross Section

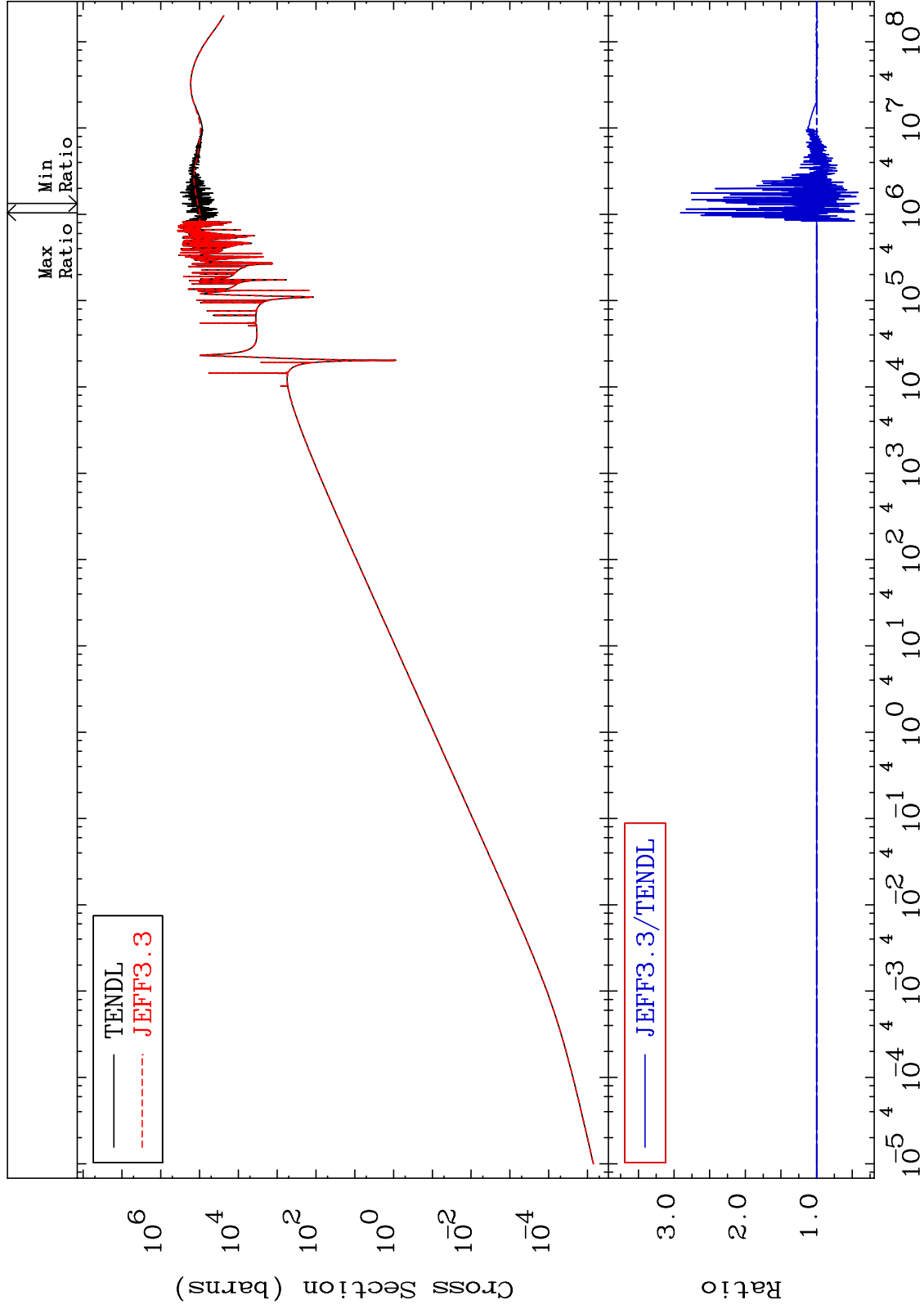
24-Cr-54
-53.96 To 126.5 %



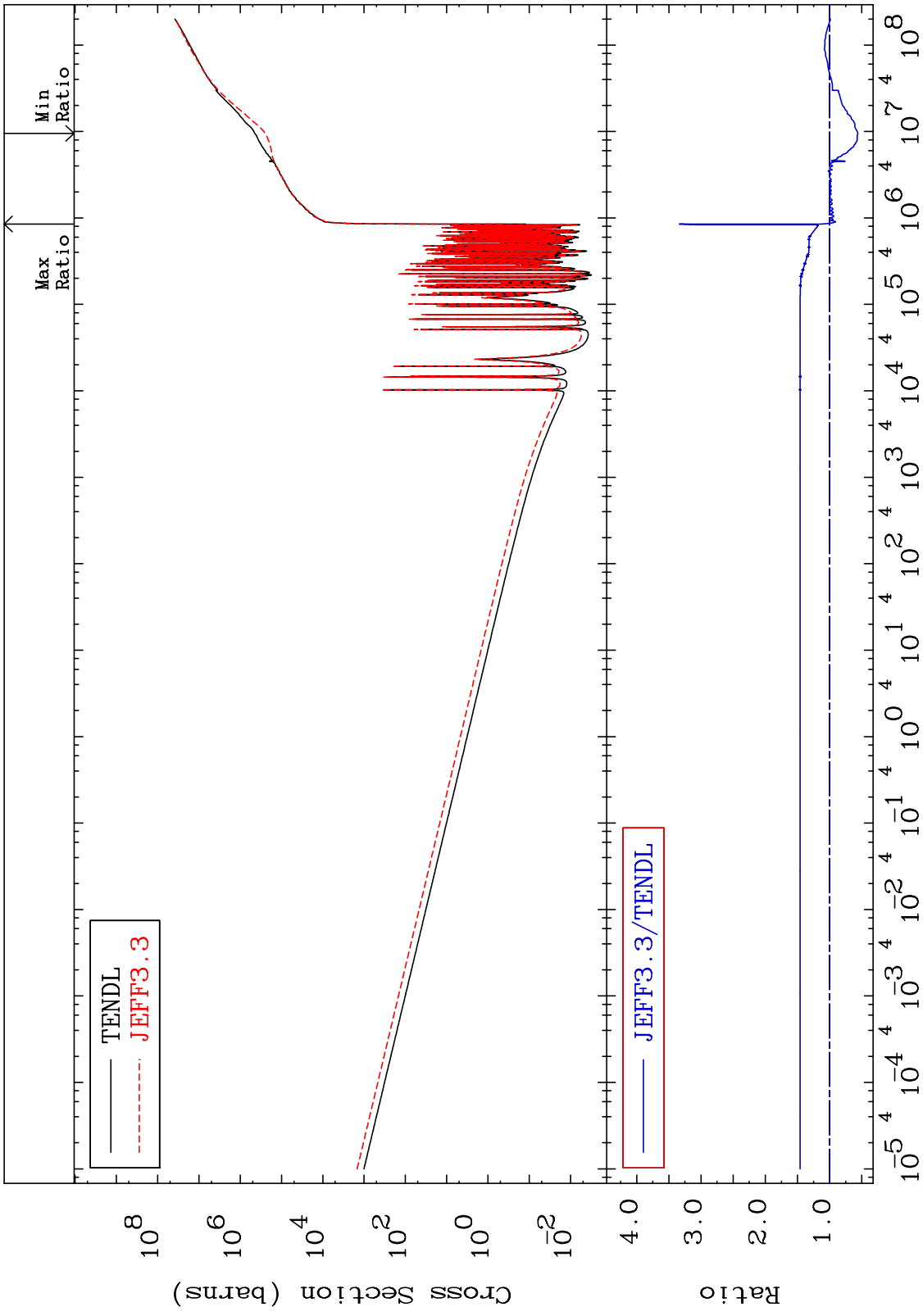
MAT 2437

Kerma elastic
Cross Section

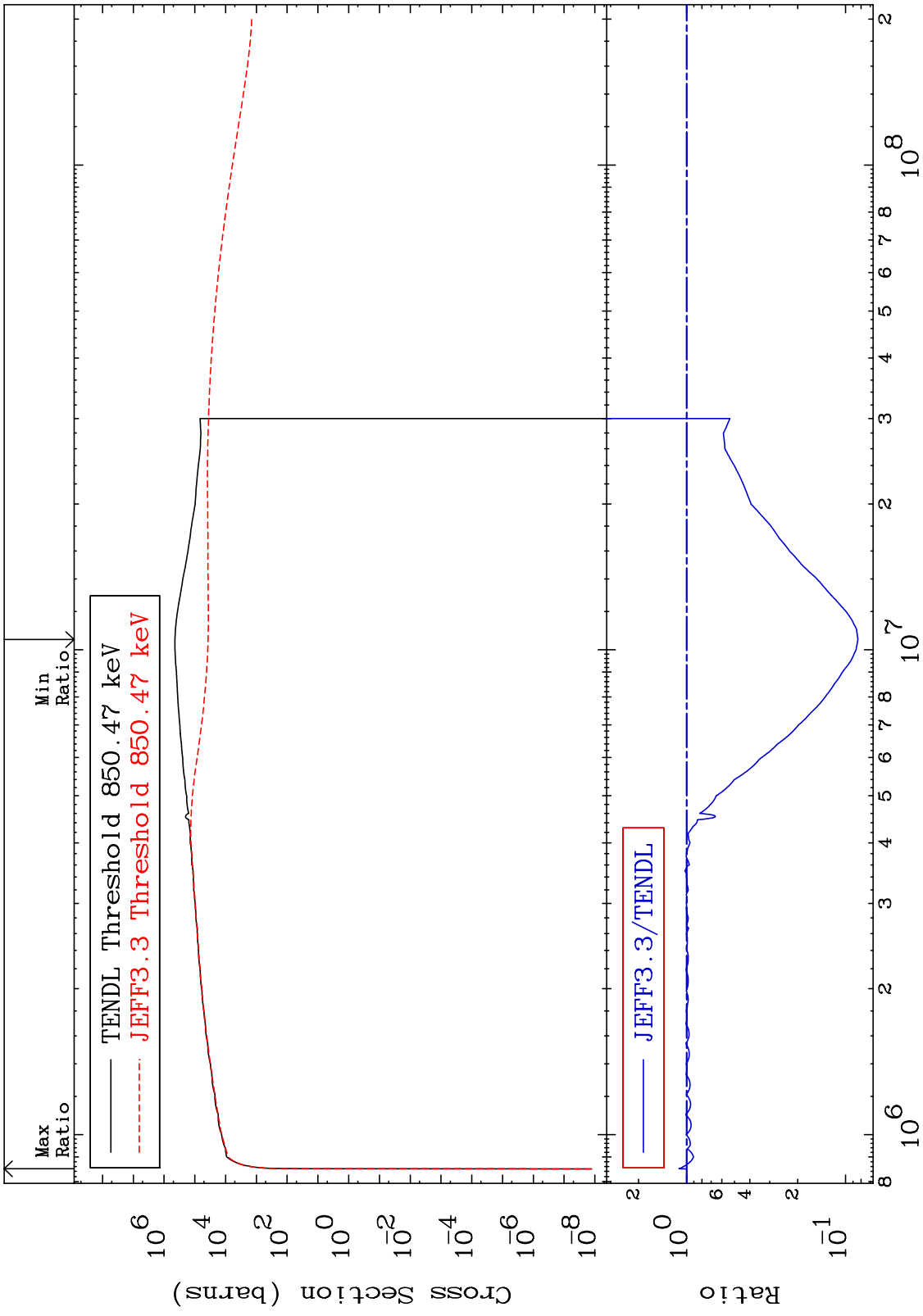
24-Cr-54
-59.52 To 190.7 %



MAT 2437 Kerma non-elastic (all but mt2)
 Cross Section 24-Cr-54
 -43.87 To 234.2 %



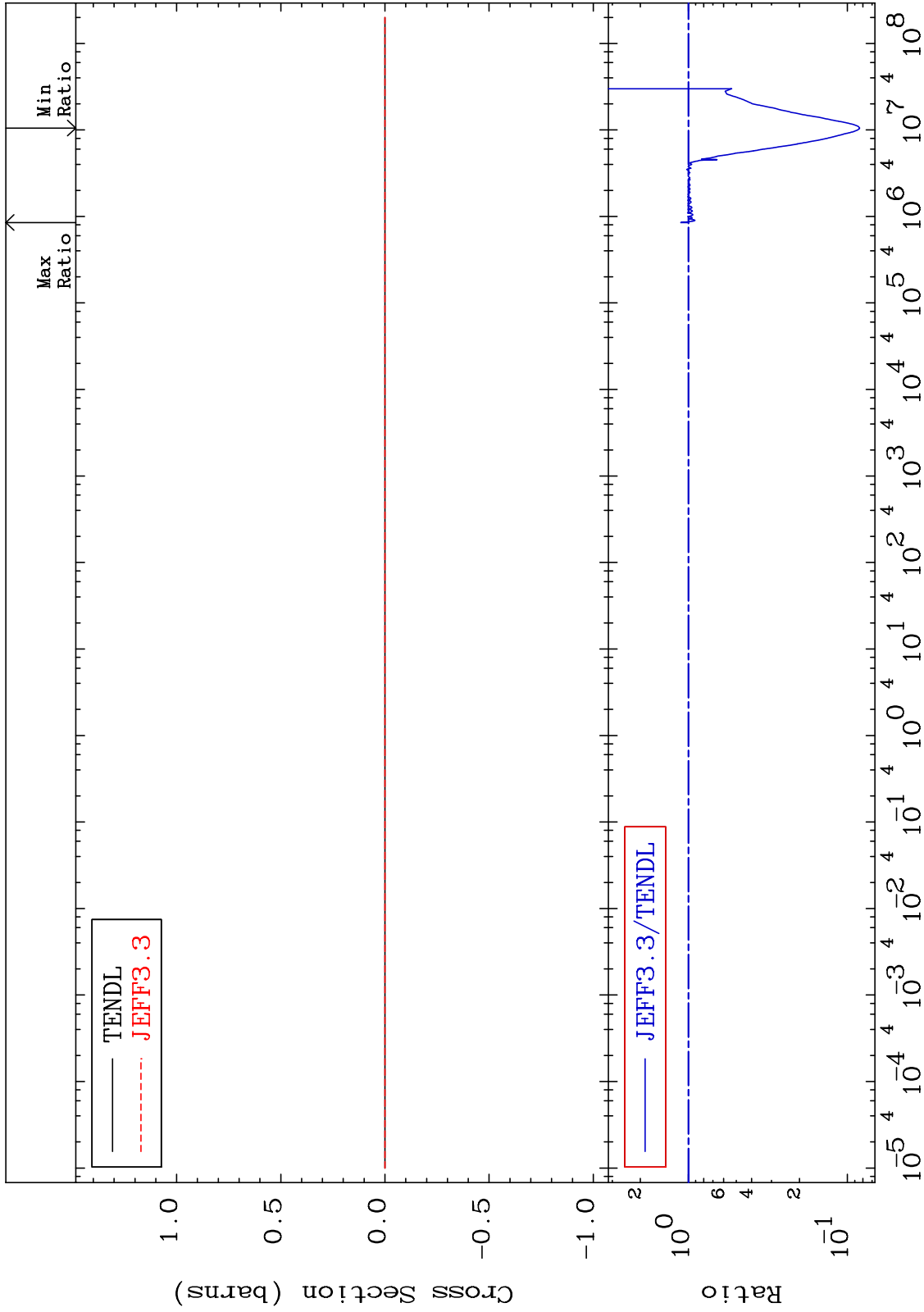
MAT 2437 Kerma inelastic (mt51-91) 24-Cr-54
 Cross Section -91.62 To 11.43 %



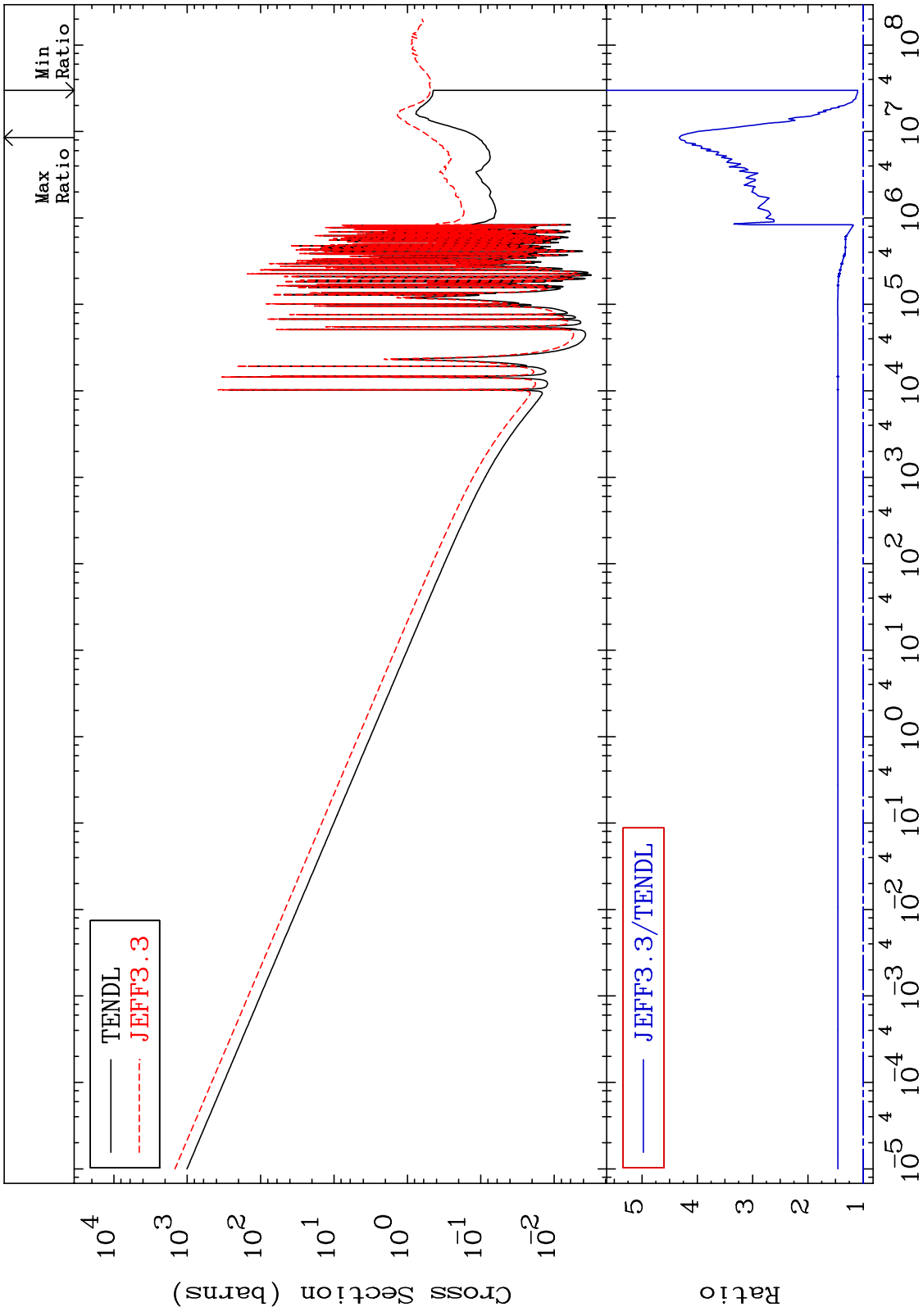
MAT 2437

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

24-Cr-54
-91.62 To 11.43 %



MAT 2437 Kerma capture (mt102) 24-Cr-54
Cross Section 9.654 To 332.9 %

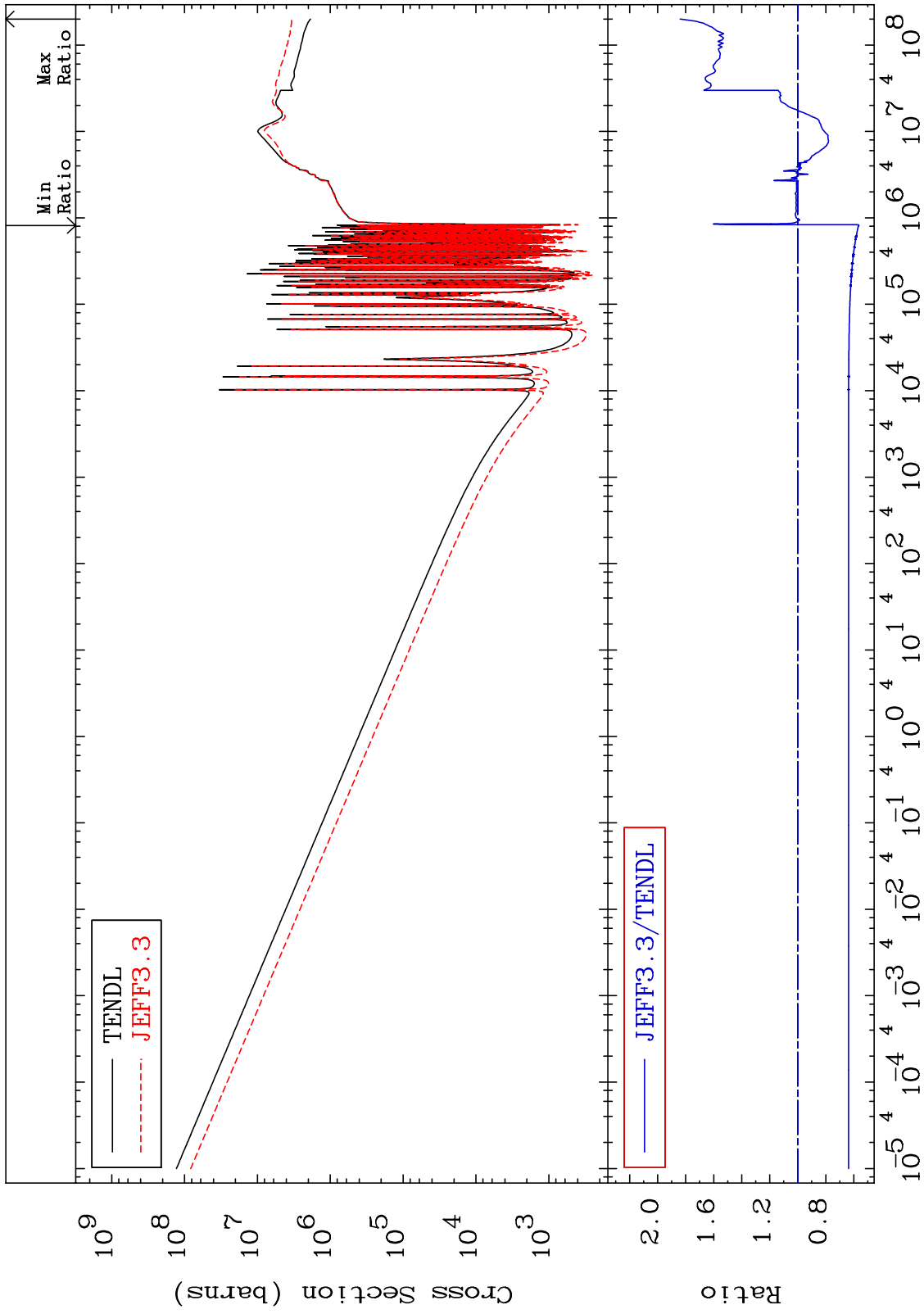


36 24-Cr-54

MAT 2437

Total photon (eV-barns)
Cross Section

24-Cr-54
-43.65 To 83.89 %

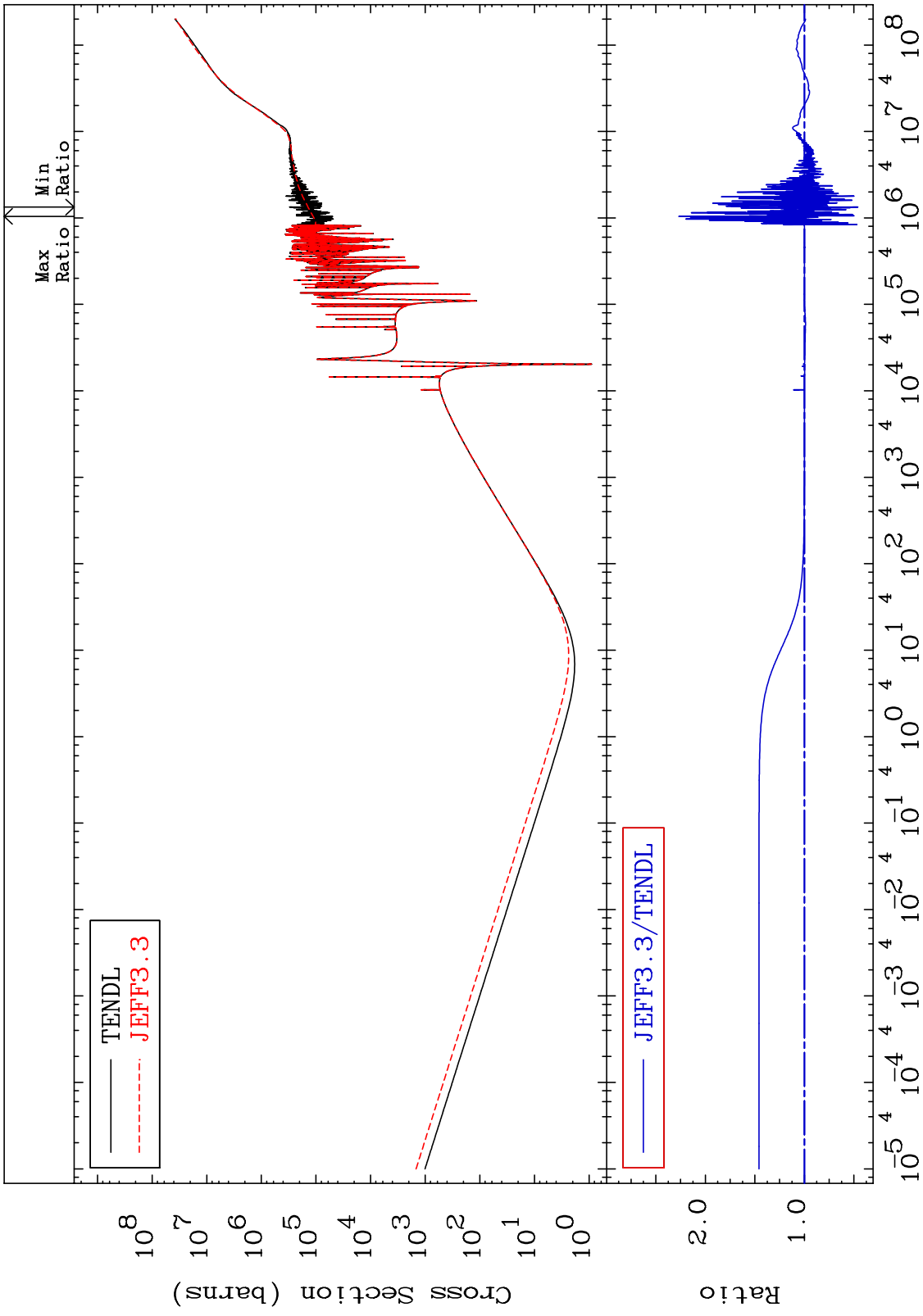


37

Incident Energy (eV)

24-Cr-54

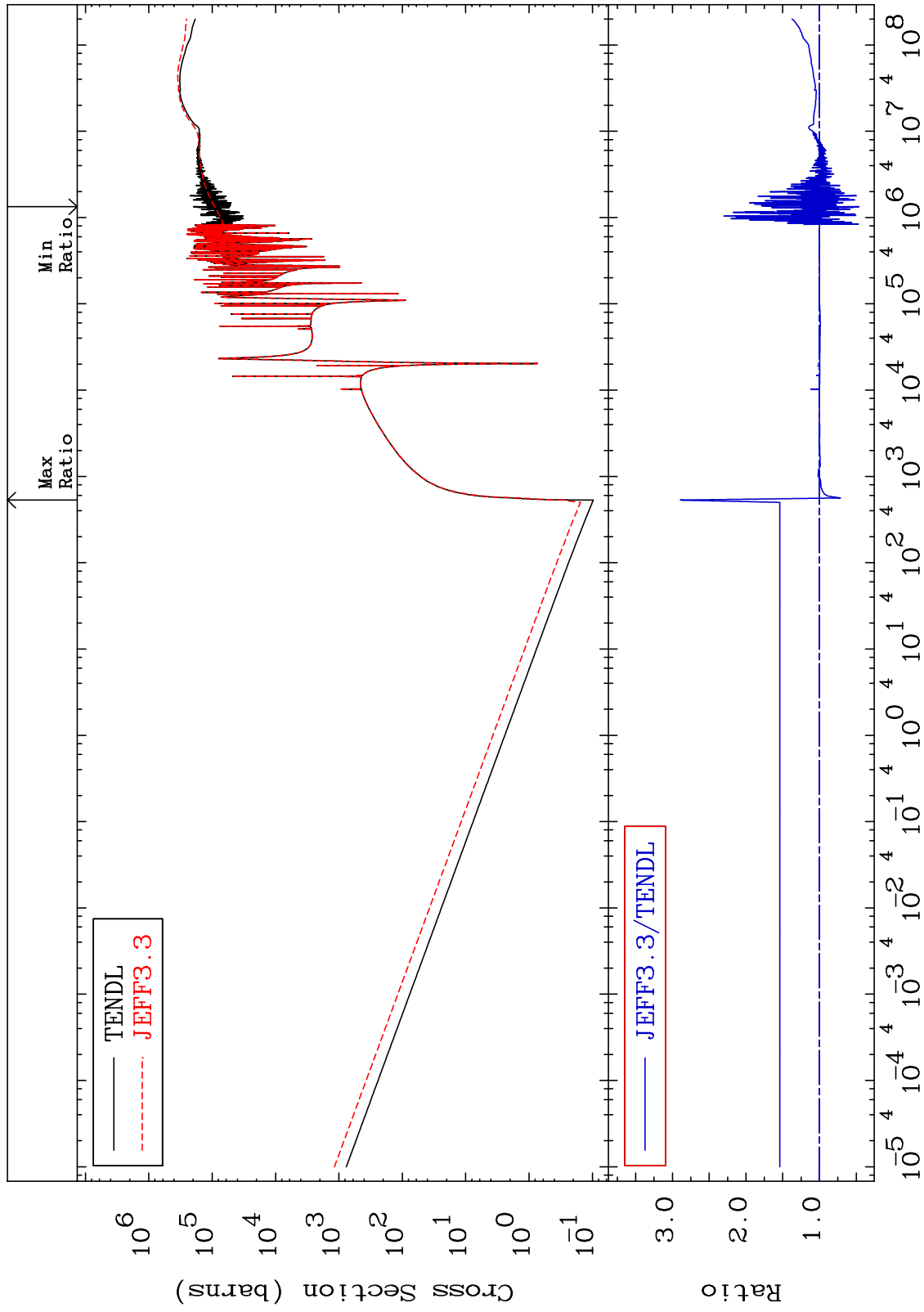
MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
 Cross Section -53.96 To 126.5 %



MAT 2437

Dpa total (eV-barns)
Cross Section

24-Cr-54
-53.72 To 188.8 %

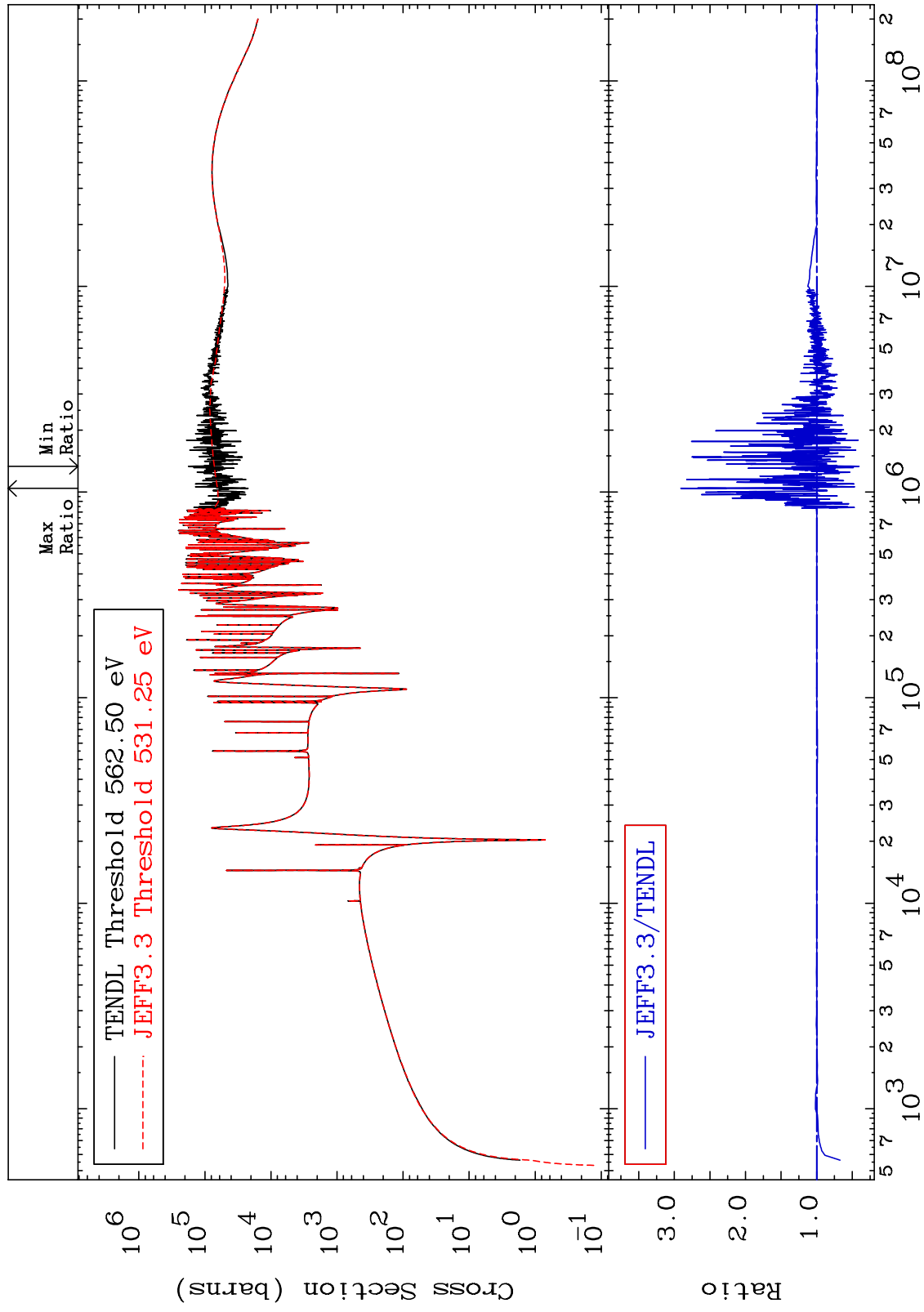


MAT 2437

Dpa elastic (mt2)
Cross Section

24-Cr-54

-59.53 To 190.9 %

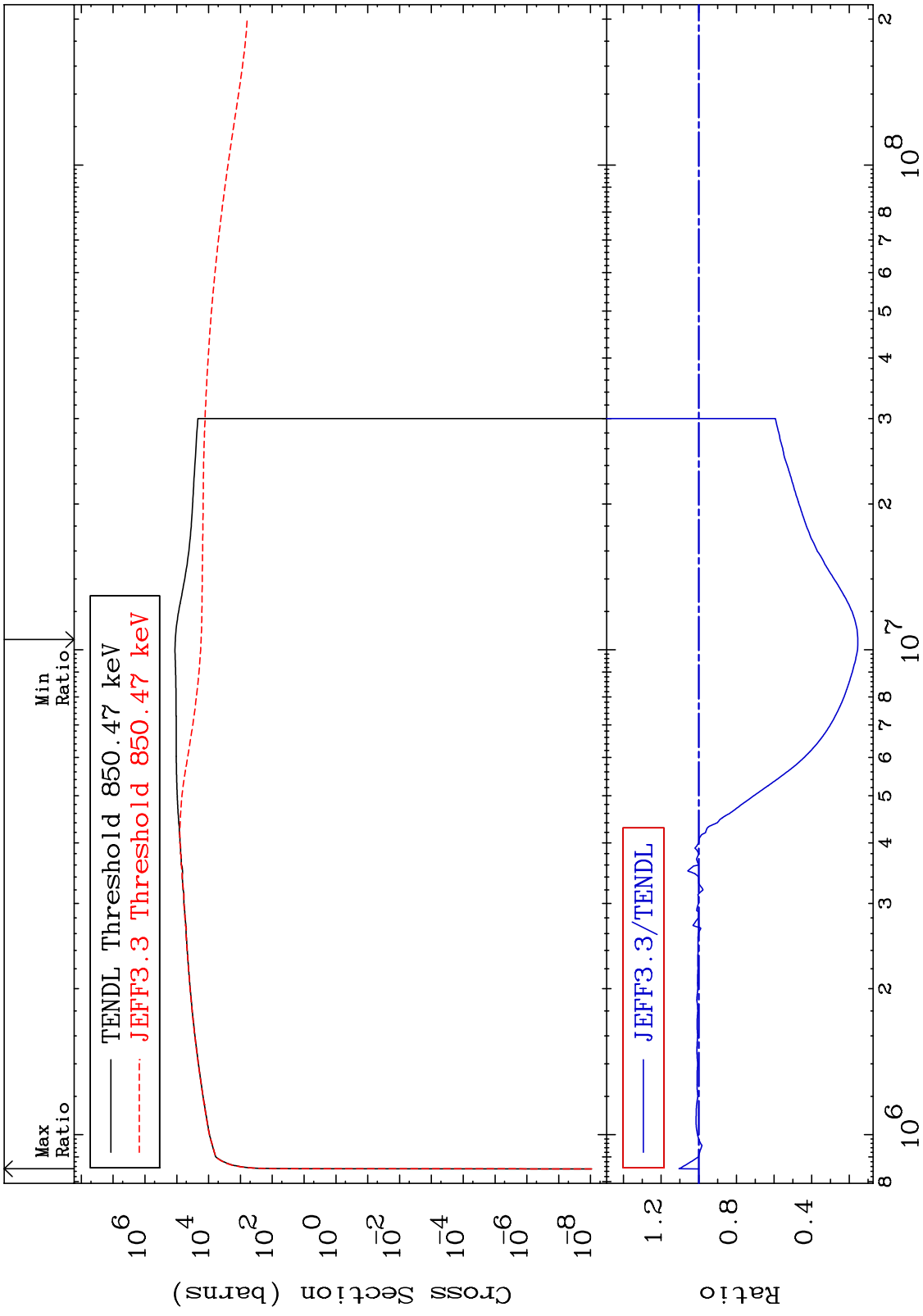


40

Incident Energy (eV)

24-Cr-54

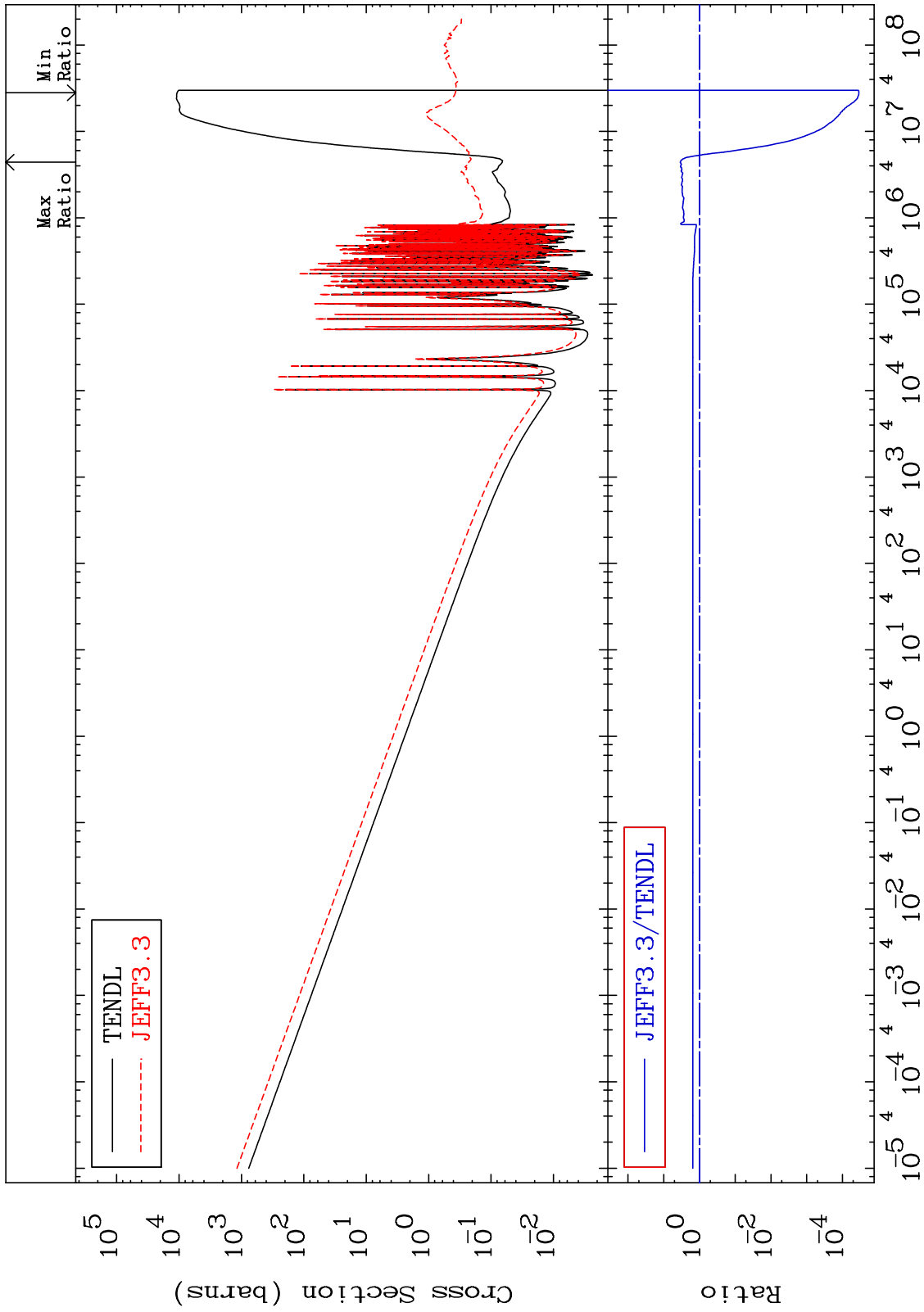
MAT 2437 Dpa inelastic (mt51-91) 24-Cr-54
 Cross Section -84.52 To 10.48 %



MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-100.0 To 246.1 %



42

Incident Energy (eV)

24-Cr-54