

Program Complot
(Version 2018-1)

by

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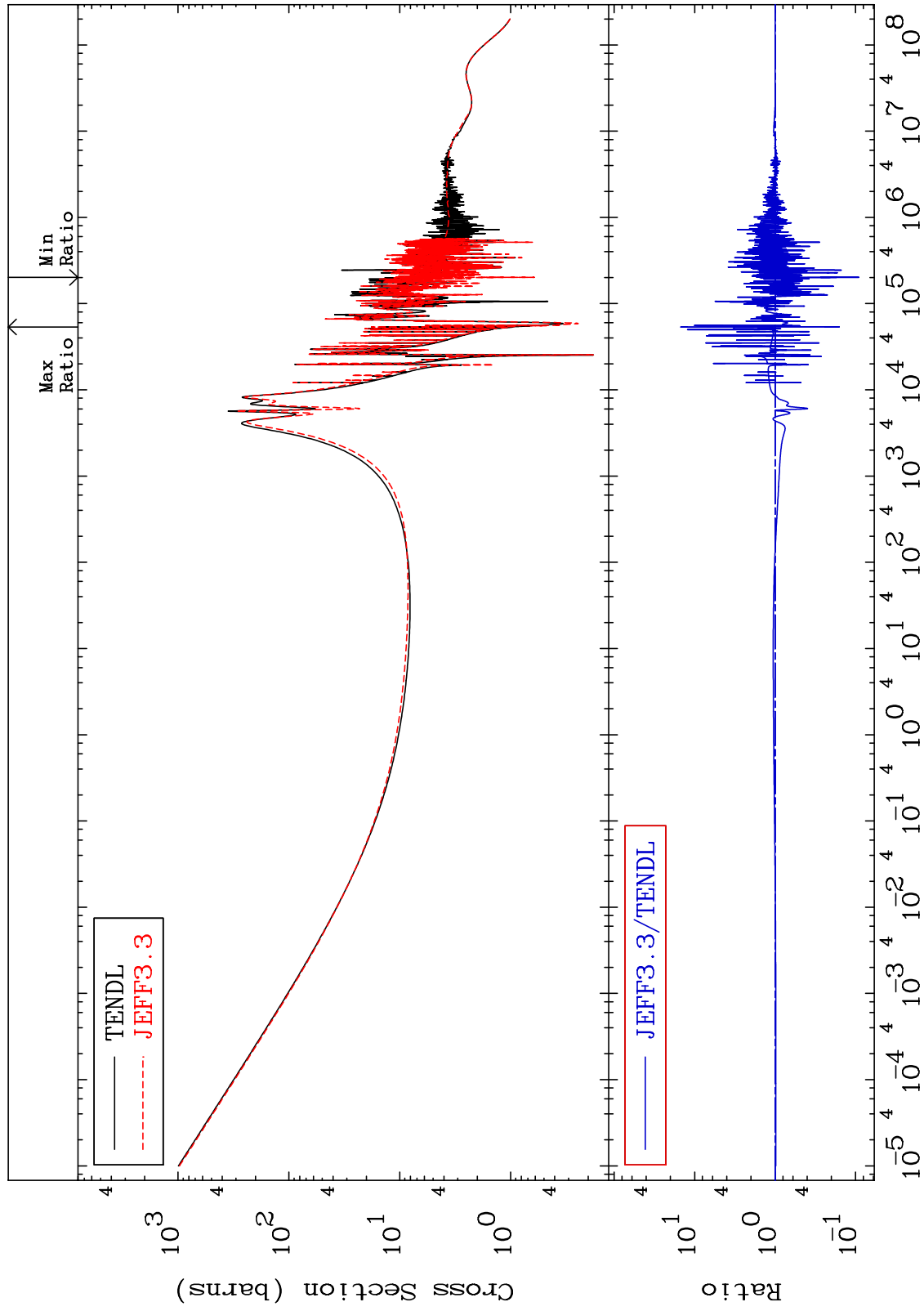
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2434

Total
Cross Section

24-Cr-53
-90.94 To 1384. %



Incident Energy (eV)

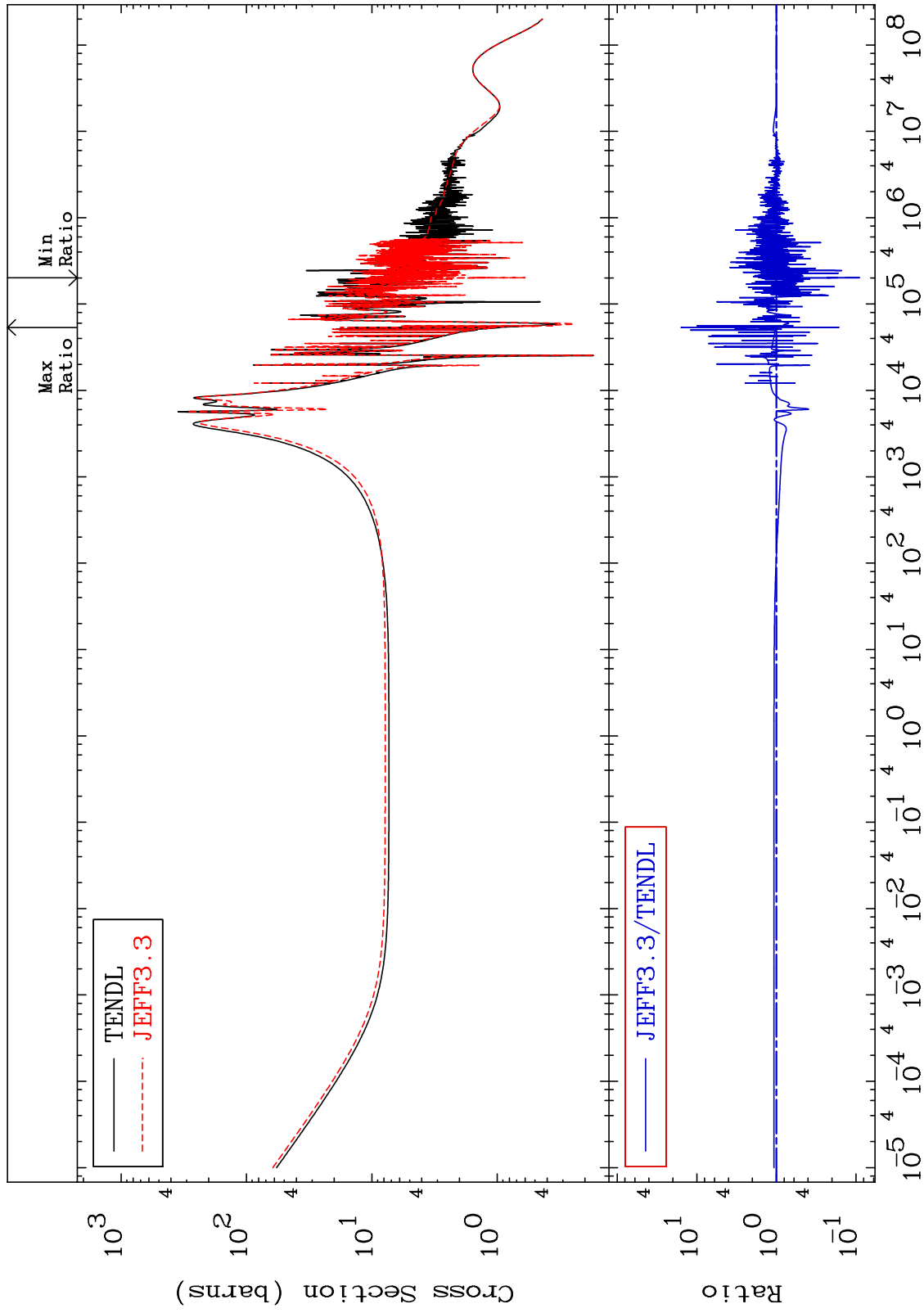
24-Cr-53

1

MAT 2434

Elastic
Cross Section

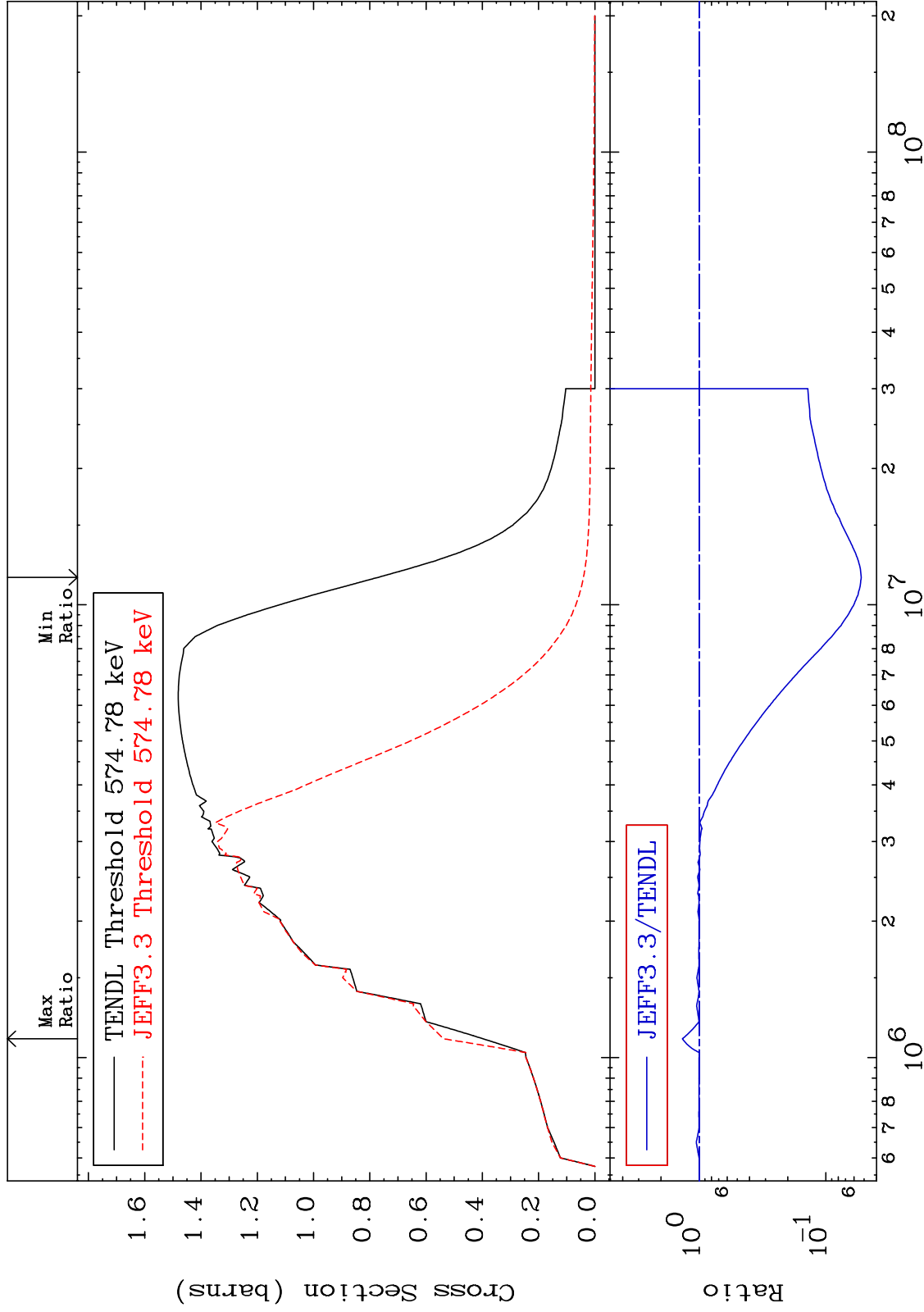
24-Cr-53
-91.04 To 1470. %



MAT 2434

Inelastic
Cross Section

24-Cr-53
-94.74 To 35.36 %



3

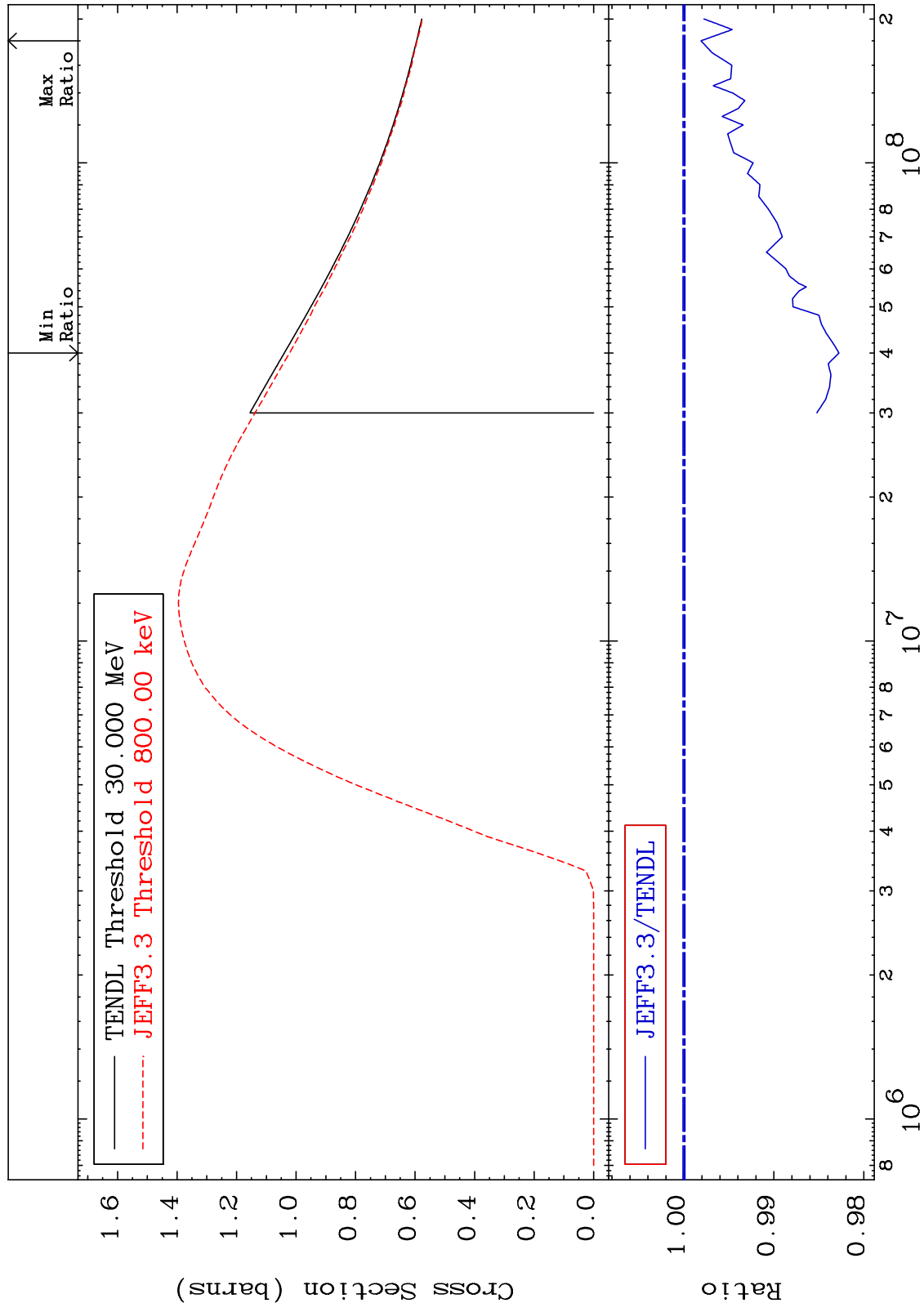
Incident Energy (eV)

24-Cr-53

MAT 2434

(n, remainder)
Cross Section

24-Cr-53
-1.723 To -0.189%

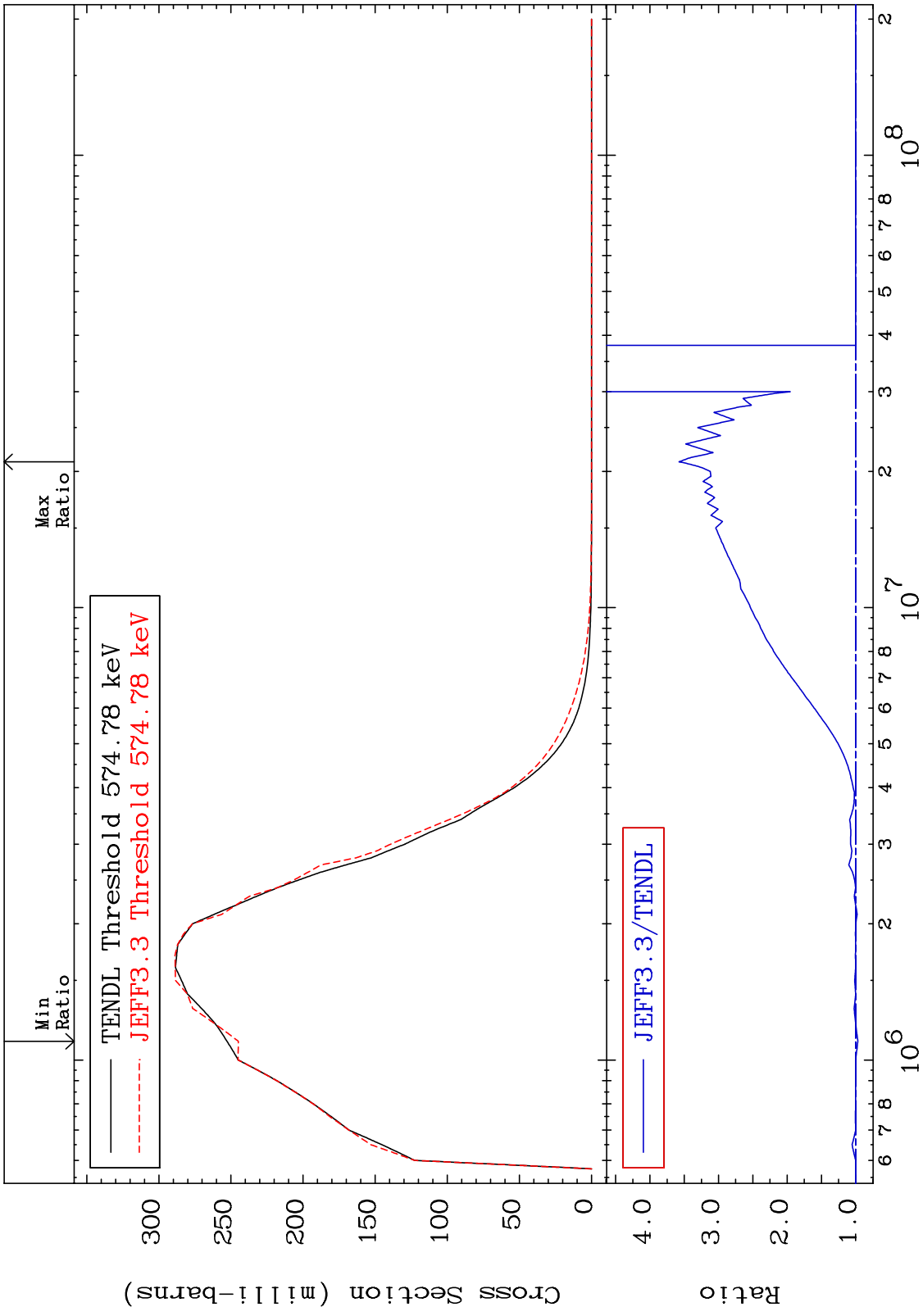


4

Incident Energy (eV)

24-Cr-53

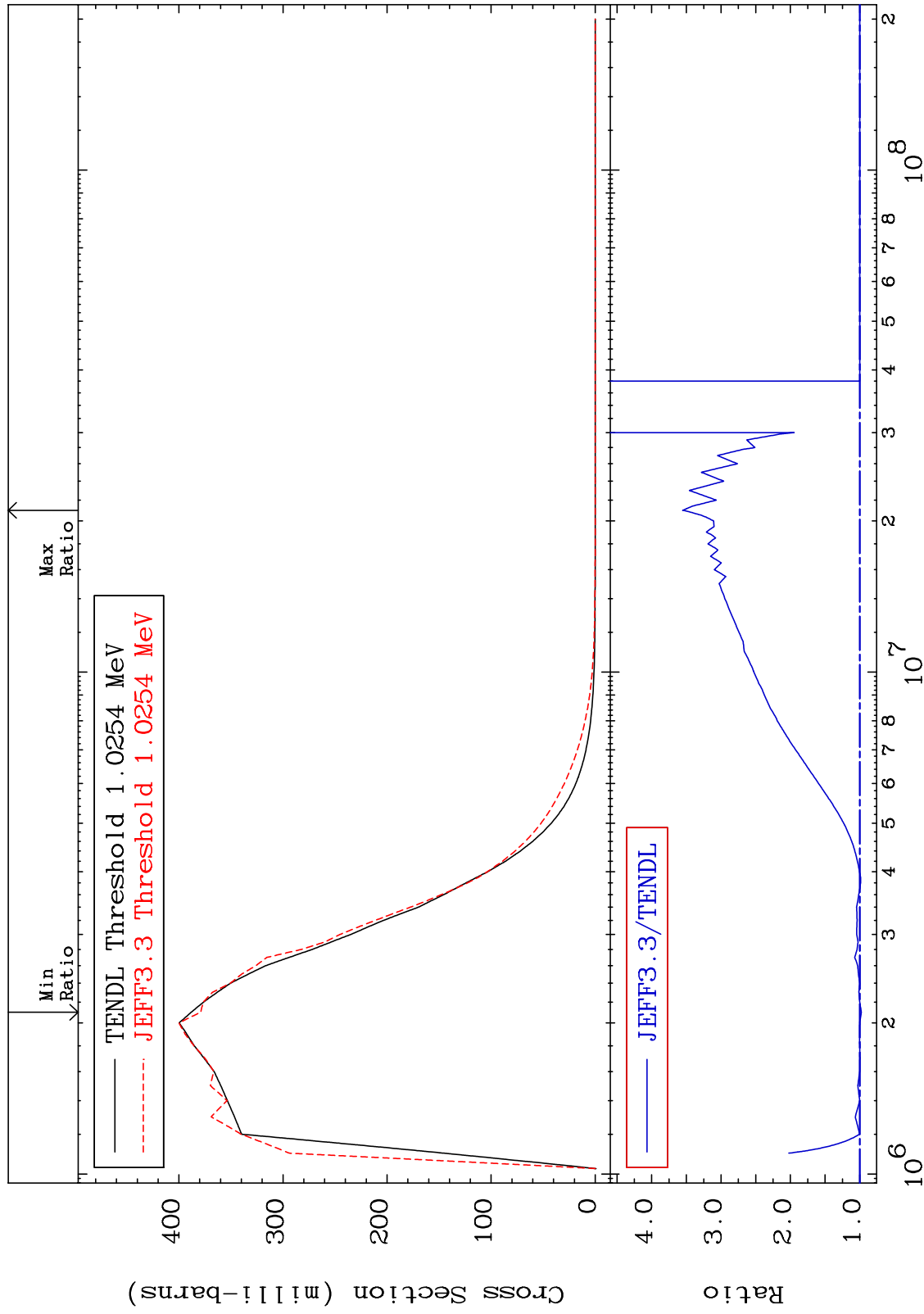
MAT 2434 MT= 51 (n,n') Level Cross Section -3.110 To 257.6 % 24-Cr-53



MAT 2434

MT= 52 (n, n') Level
Cross Section

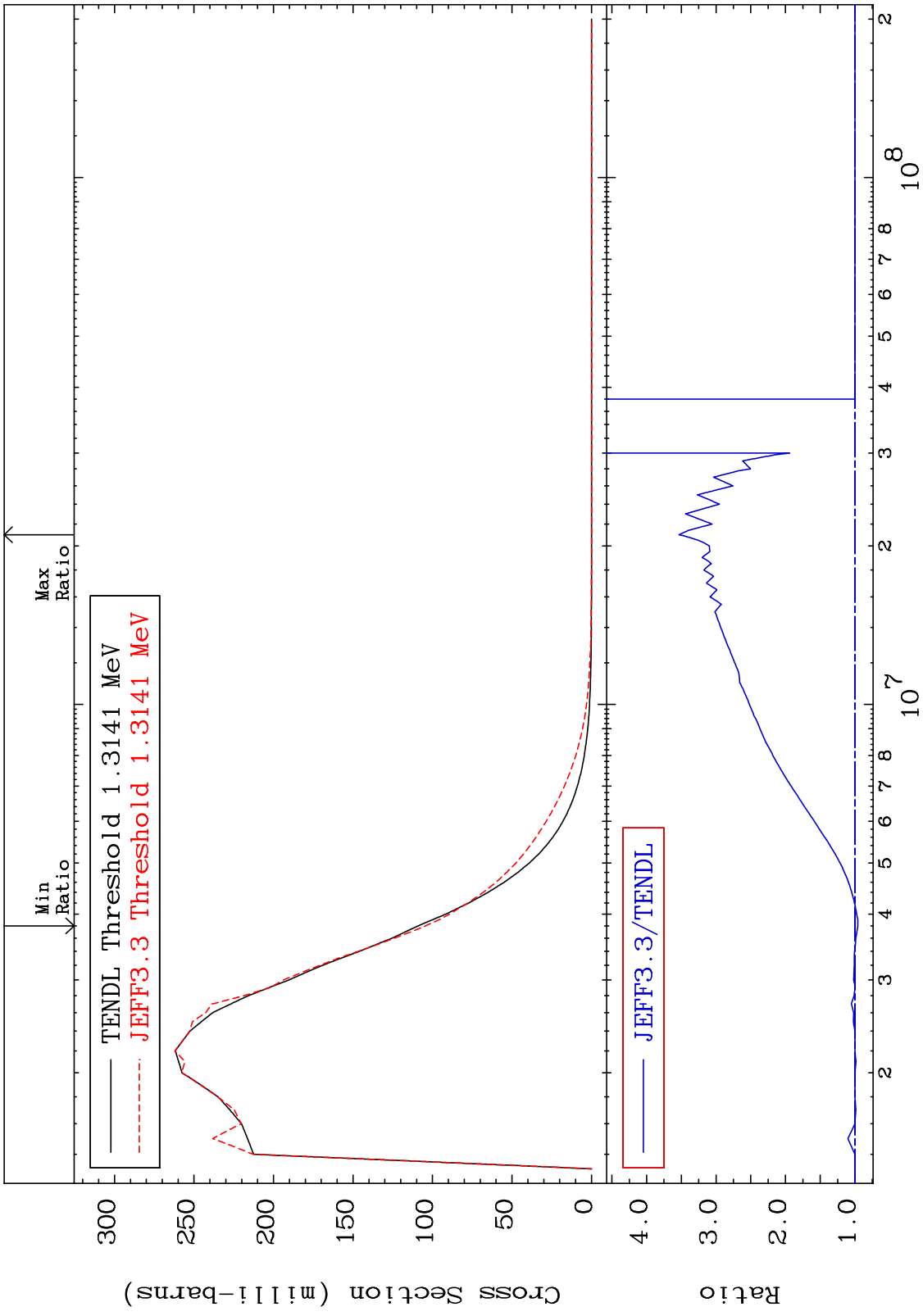
24-Cr-53
-2.307 To 255.3 %



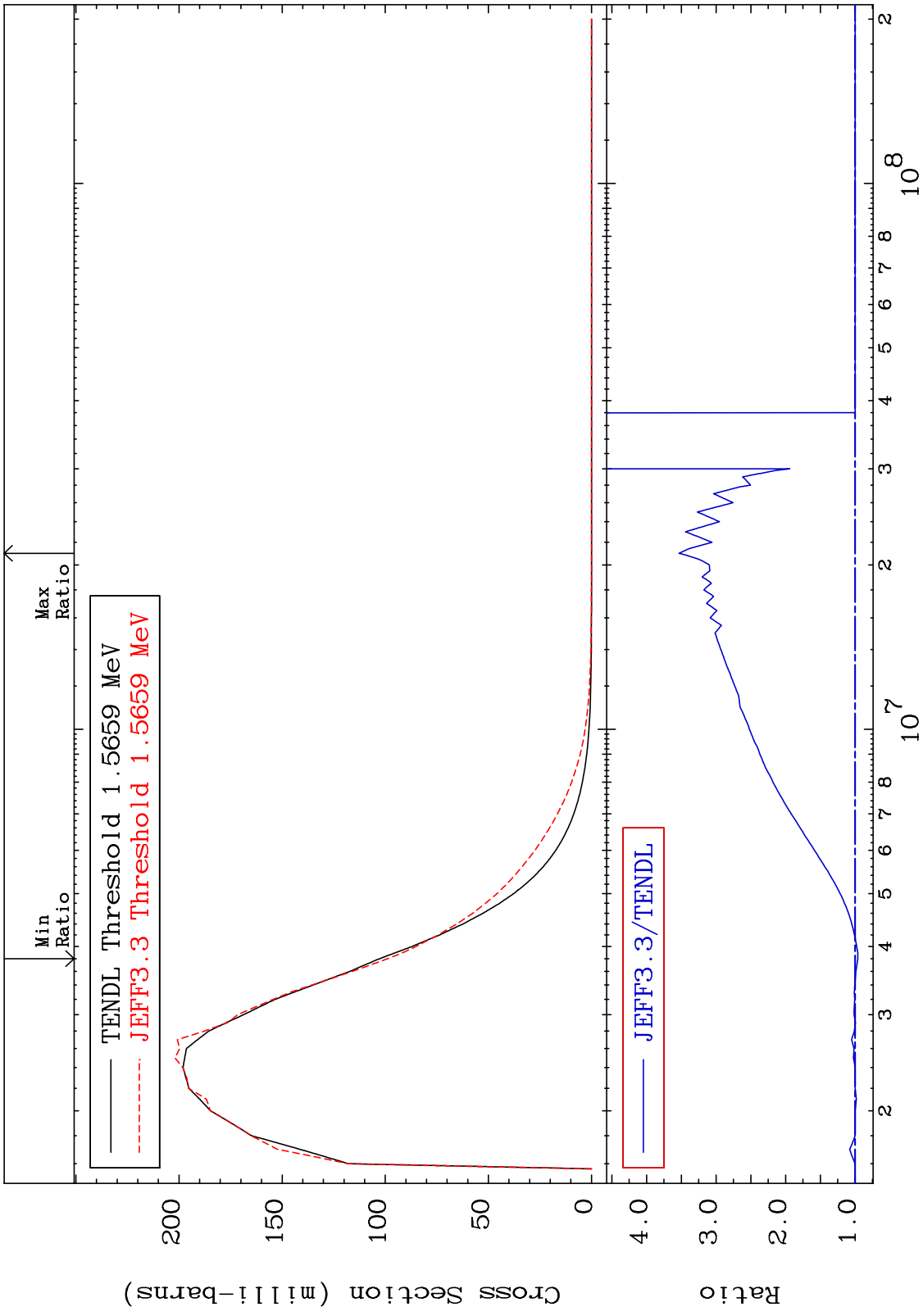
Incident Energy (eV)

24-Cr-53

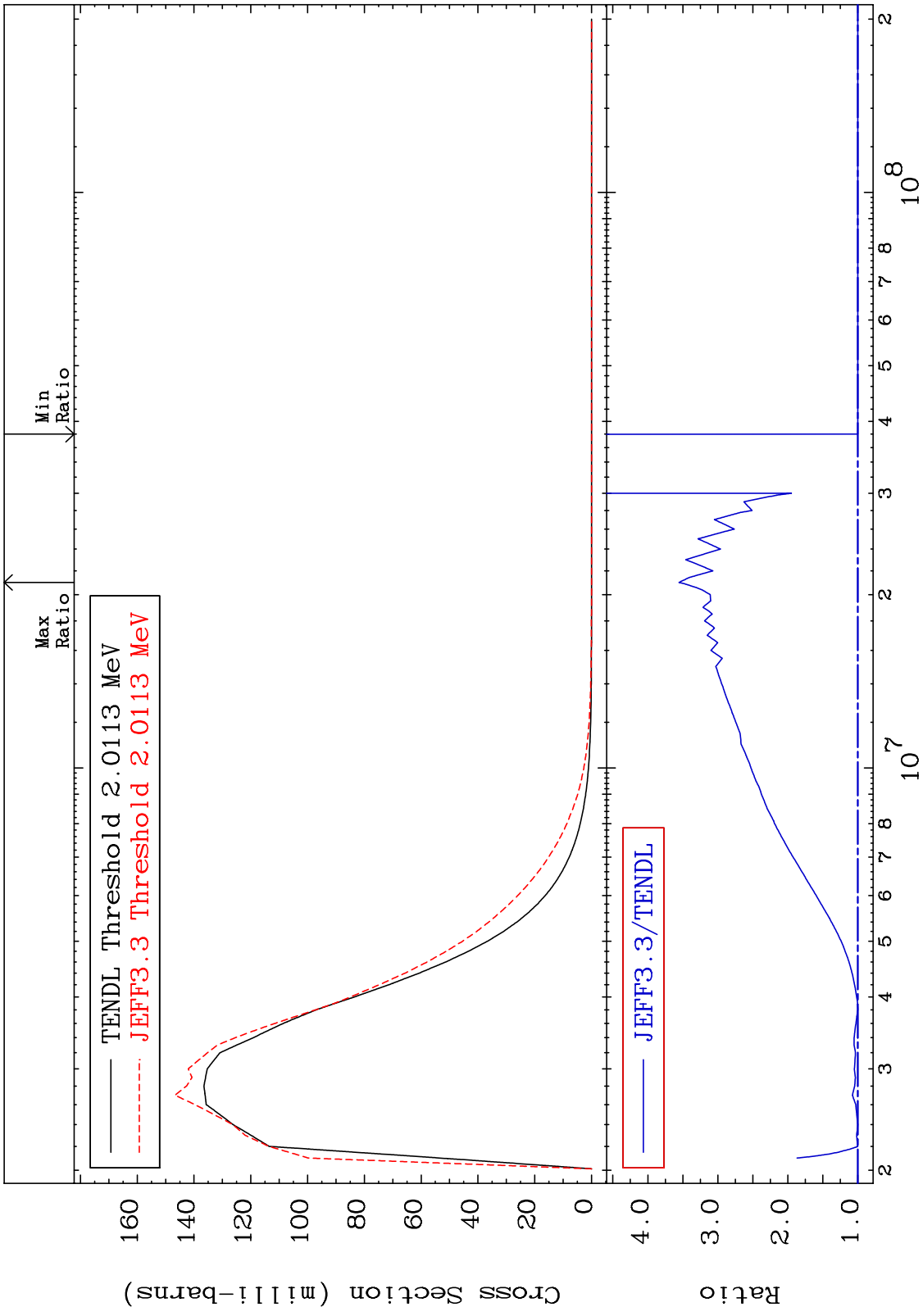
MAT 2434 MT= 53 (n, n') Level Cross Section -4.175 To 253.3 % 24-Cr-53



MAT 2434 MT= 54 (n, n') Level Cross Section -3.879 To 253.3 % 24-Cr-53

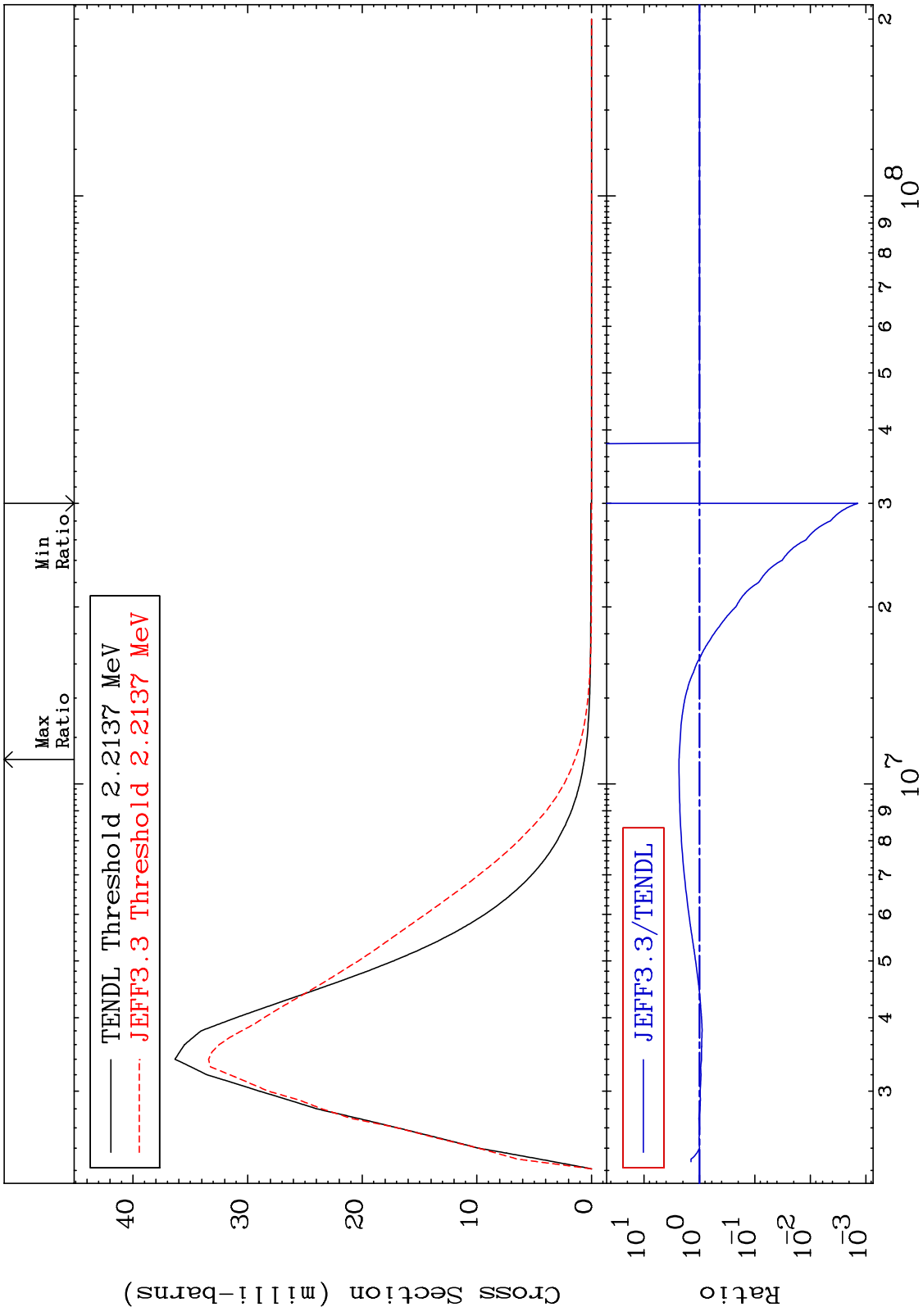


MAT 2434 MT= 55 (n,n') Level Cross Section 24-Cr-53 0.000 To 255.4 %



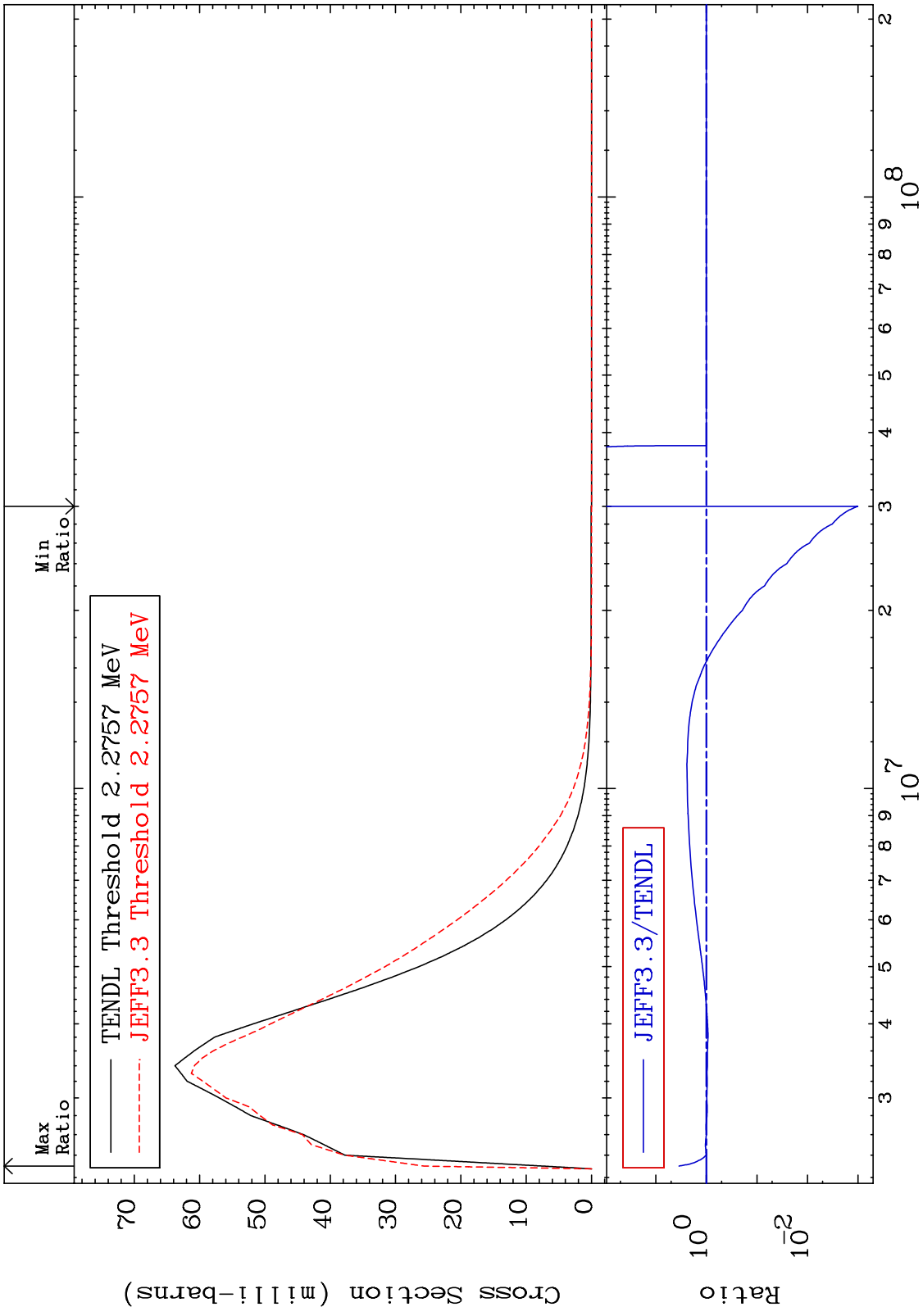
9 Incident Energy (eV) 24-Cr-53

MAT 2434 MT= 56 (n,n') Level Cross Section 24-Cr-53
 -99.86 To 134.0 %

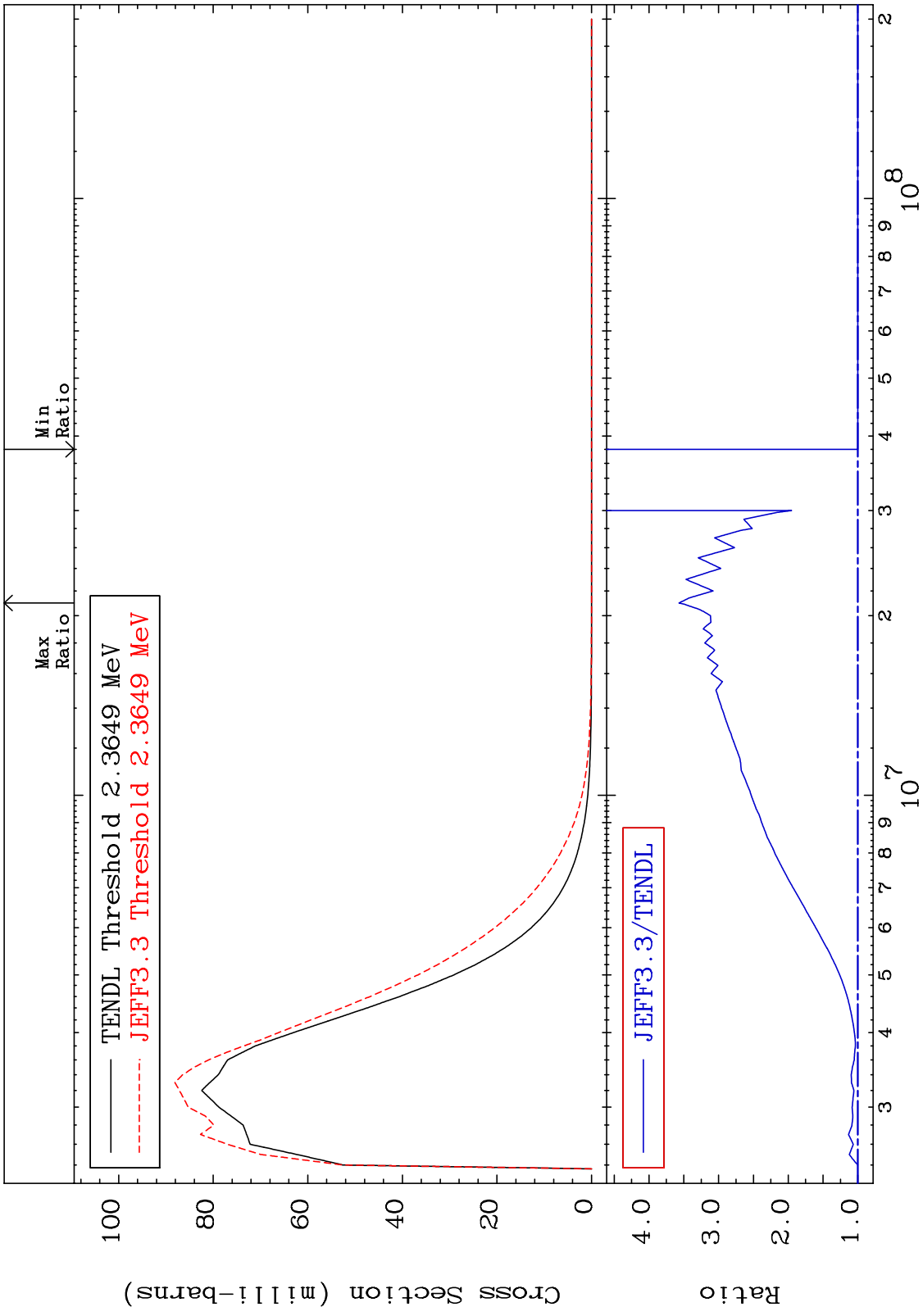


10 24-Cr-53

MAT 2434 MT= 57 (n,n') Level Cross Section -99.90 To 247.3 % 24-Cr-53



MAT 2434 MT= 58 (n,n') Level Cross Section 24-Cr-53 0.000 To 256.8 %

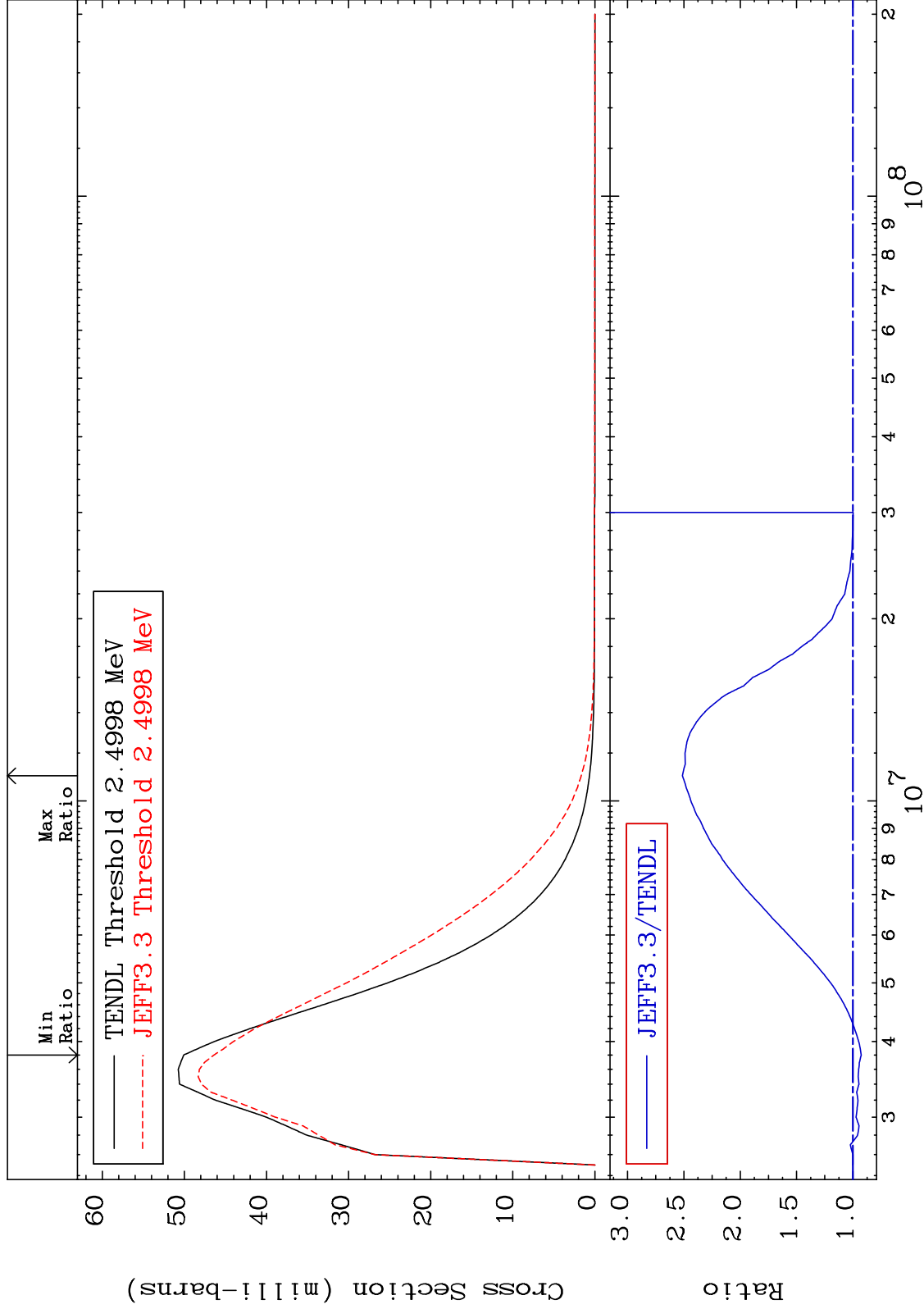


12 24-Cr-53

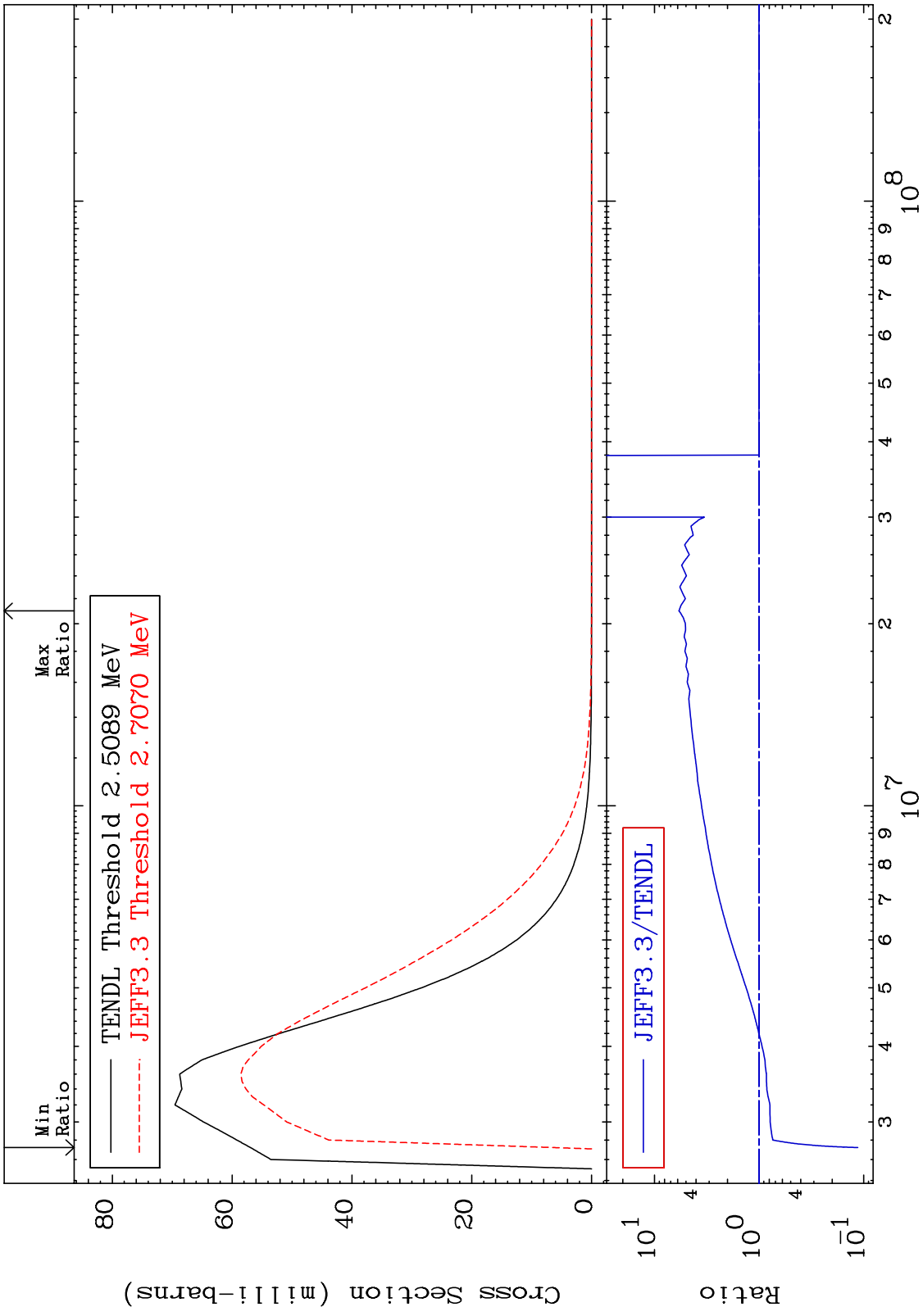
MAT 2434

MT= 59 (n,n') Level
Cross Section

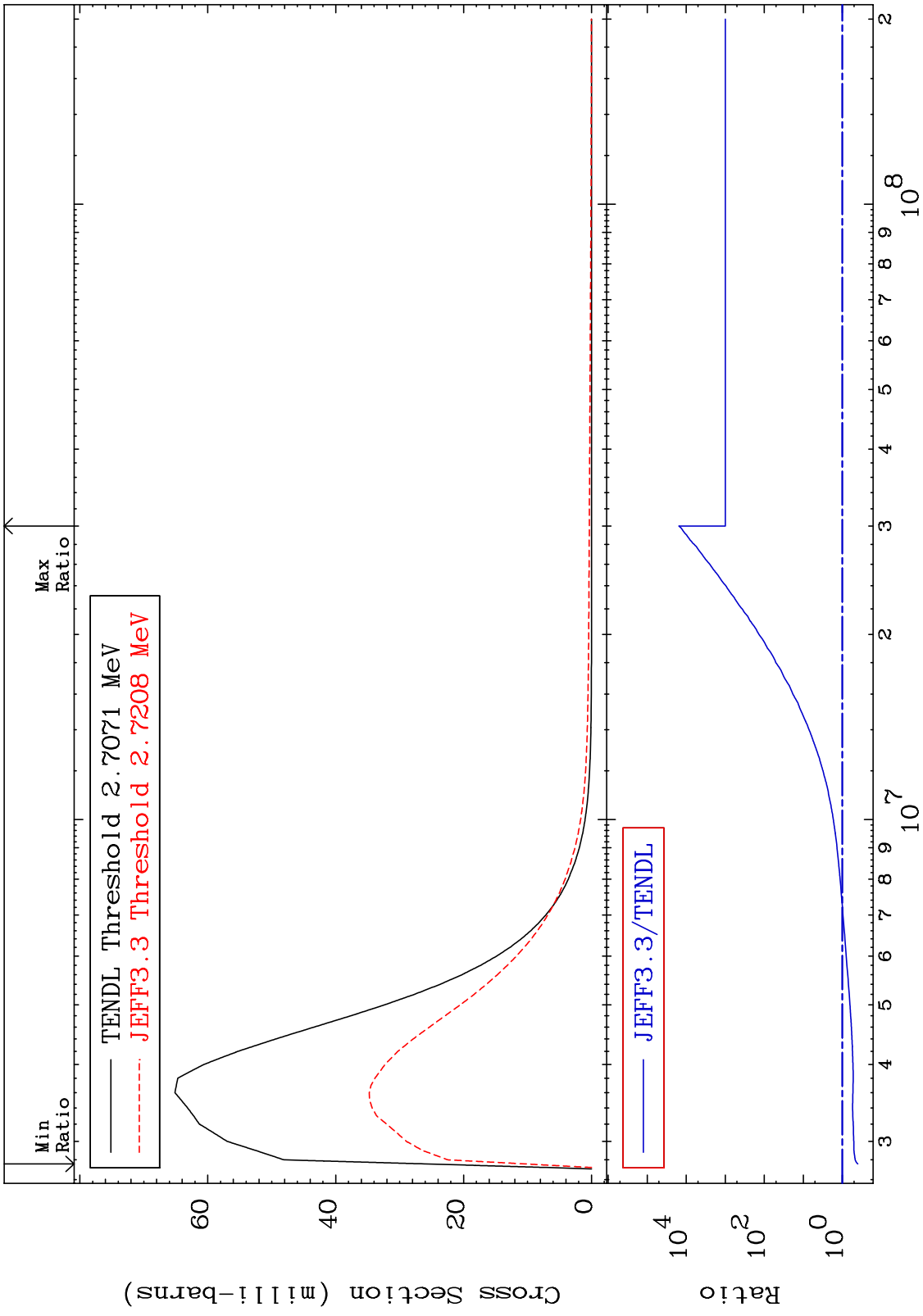
24-Cr-53
-7.381 To 151.3 %



MAT 2434 MT= 60 (n,n') Level Cross Section -88.61 To 481.6 % 24-Cr-53



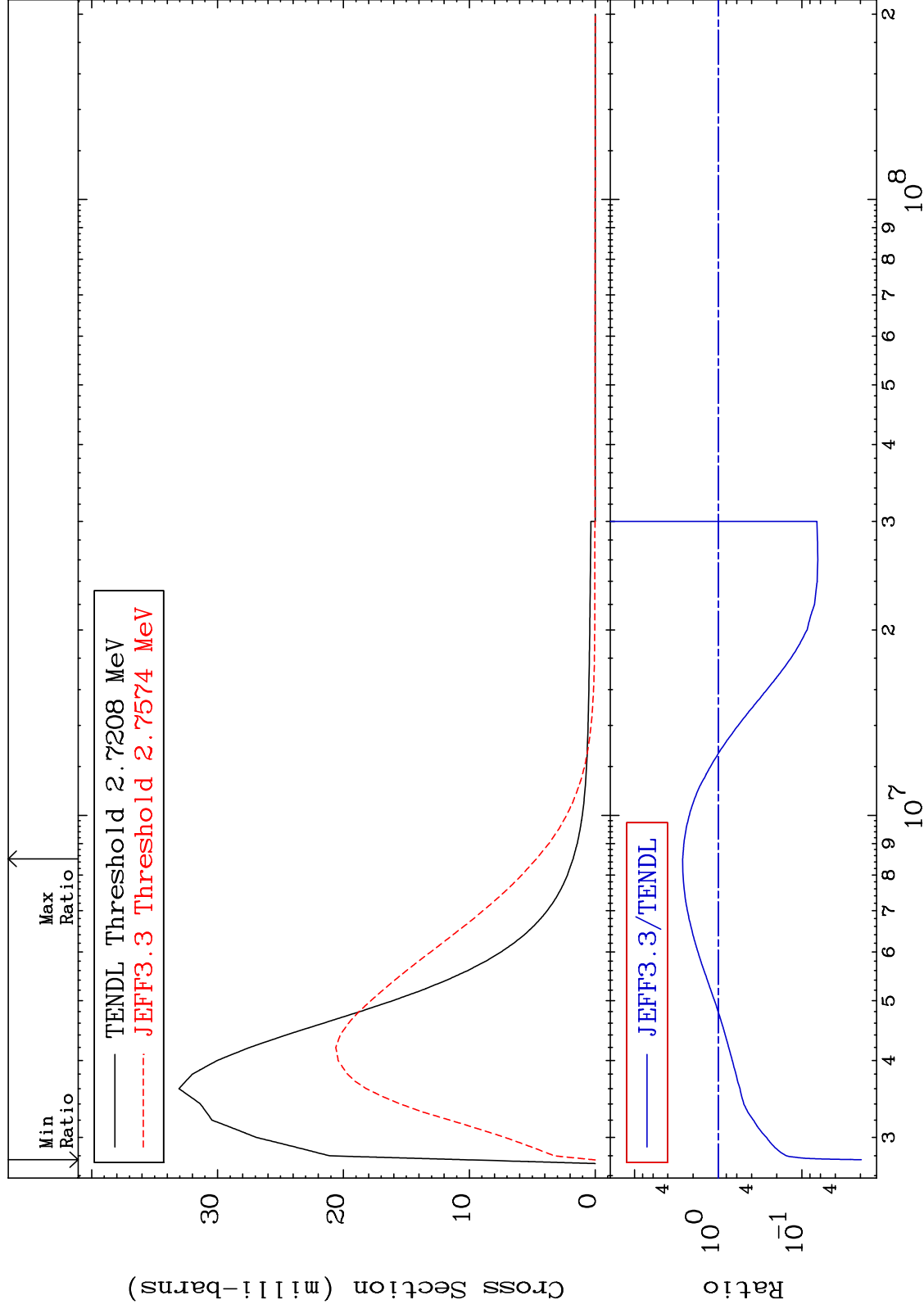
MAT 2434 MT= 61 (n,n') Level Cross Section -60.10 To 9999. % 24-Cr-53



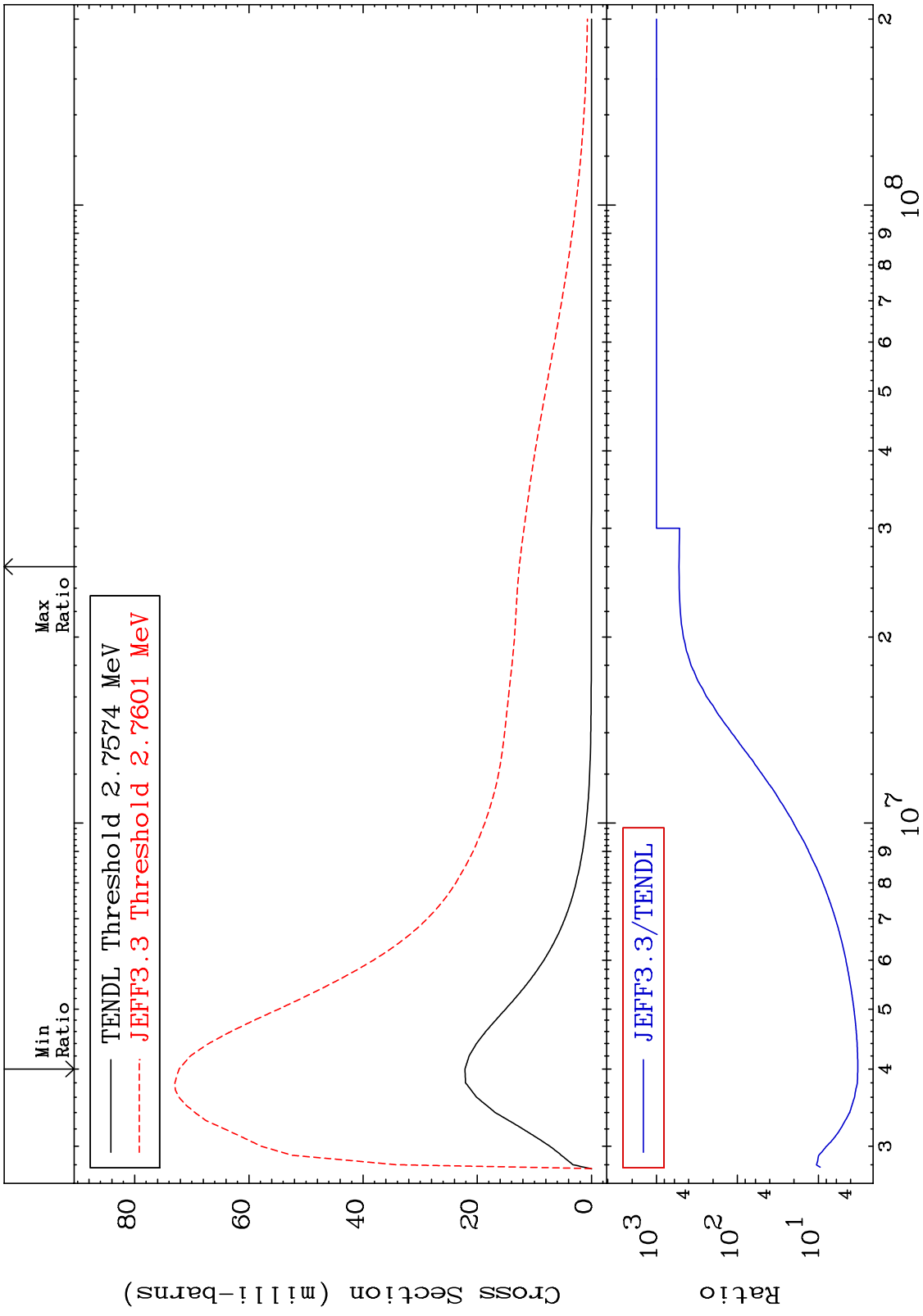
MAT 2434

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

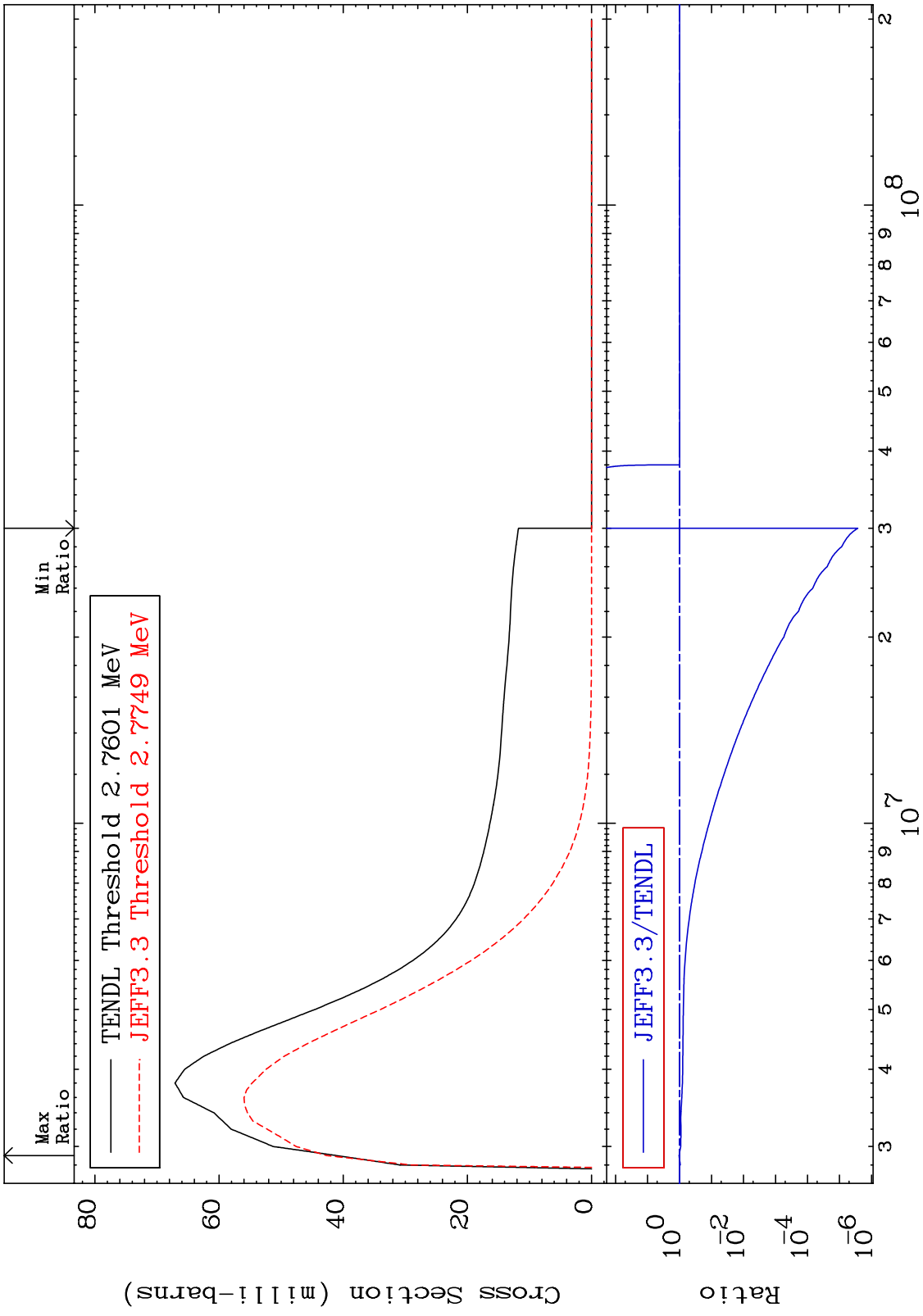
24-Cr-53
-98.05 To 165.9 %



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



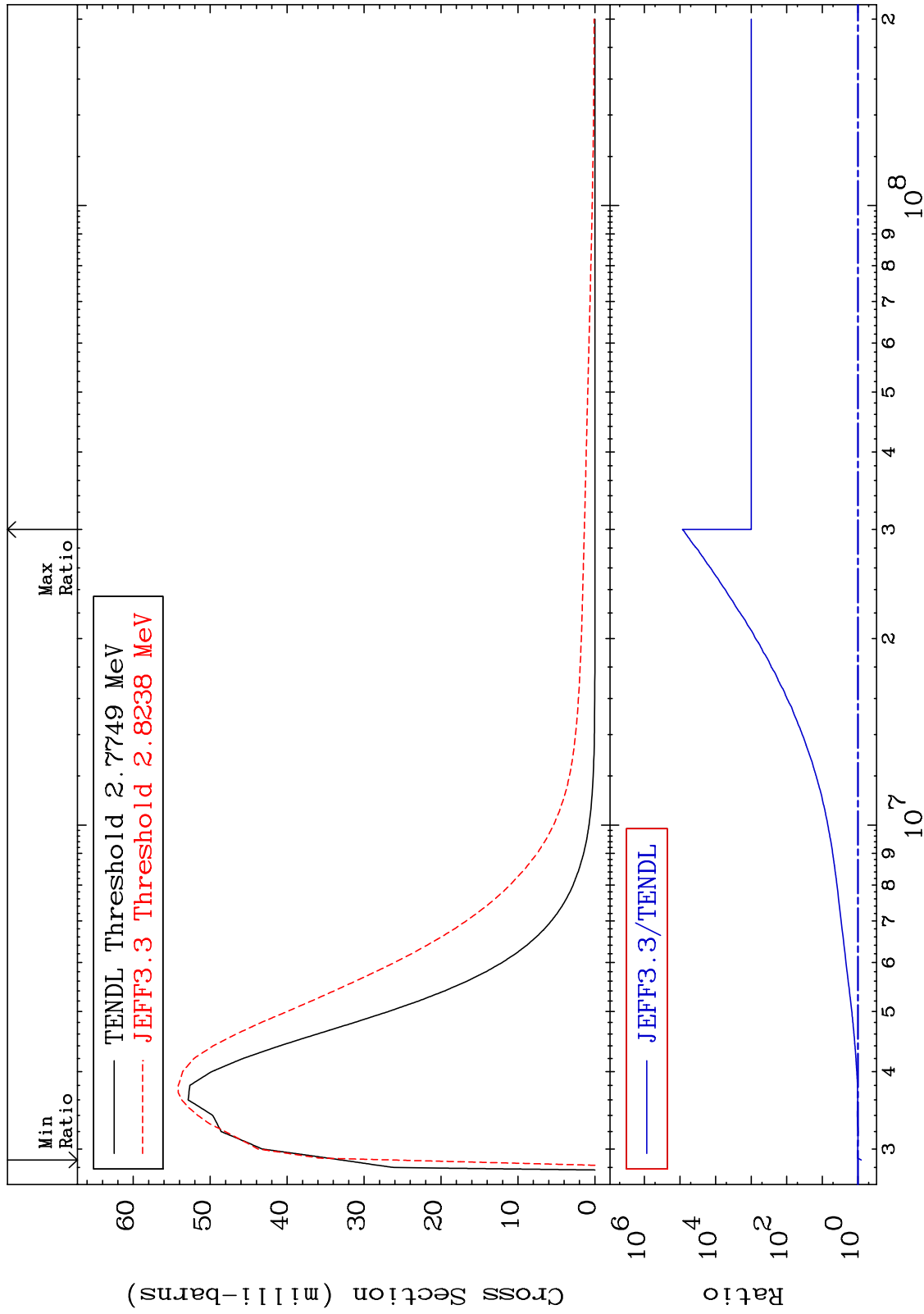
MAT 2434 MT= 64 (n,n') Level Cross Section -100.0 To 3.872 % 24-Cr-53



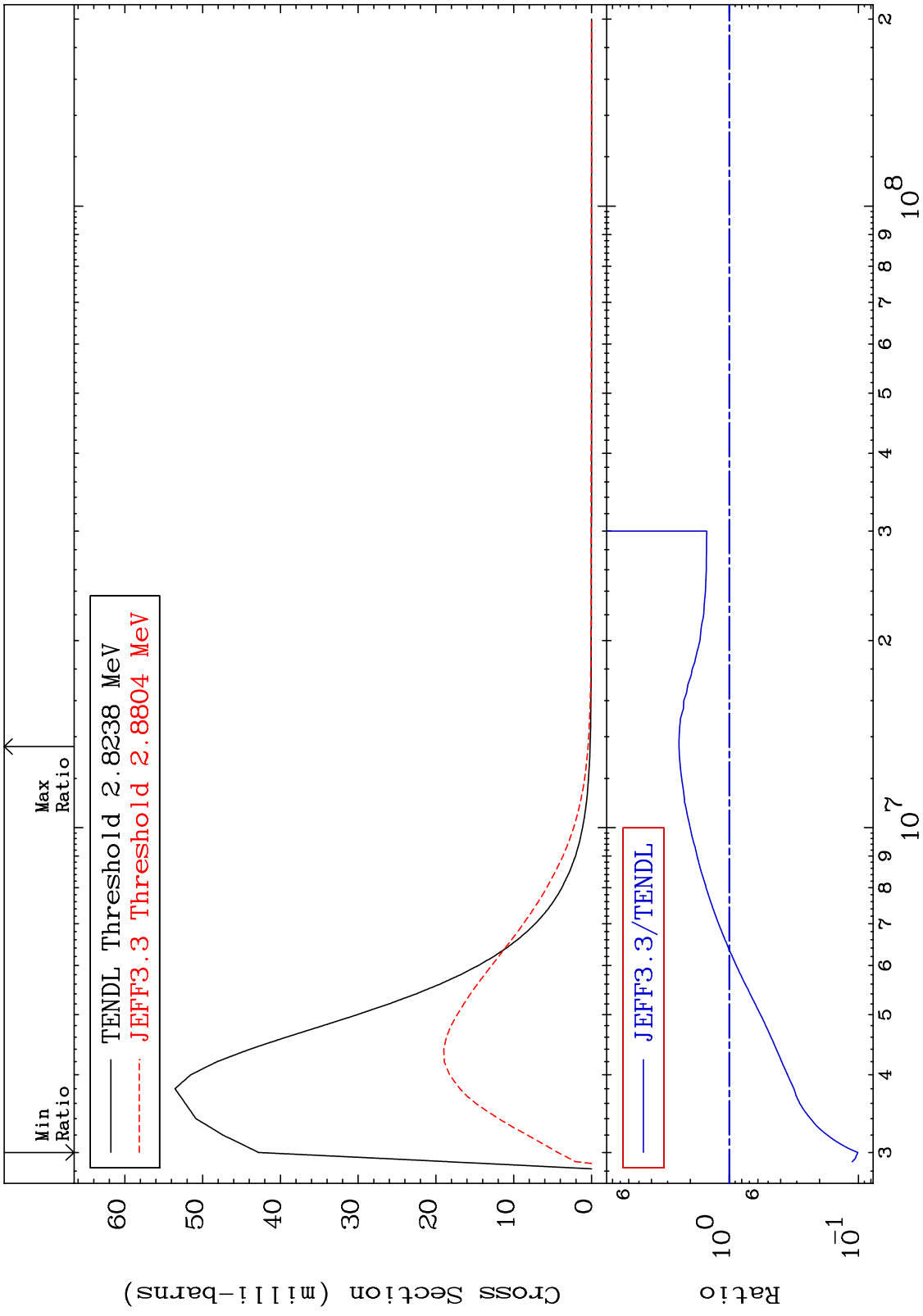
MAT 2434

MT= 65 (n,n') Level
Cross Section

24-Cr-53
-19.55 To 9999. %

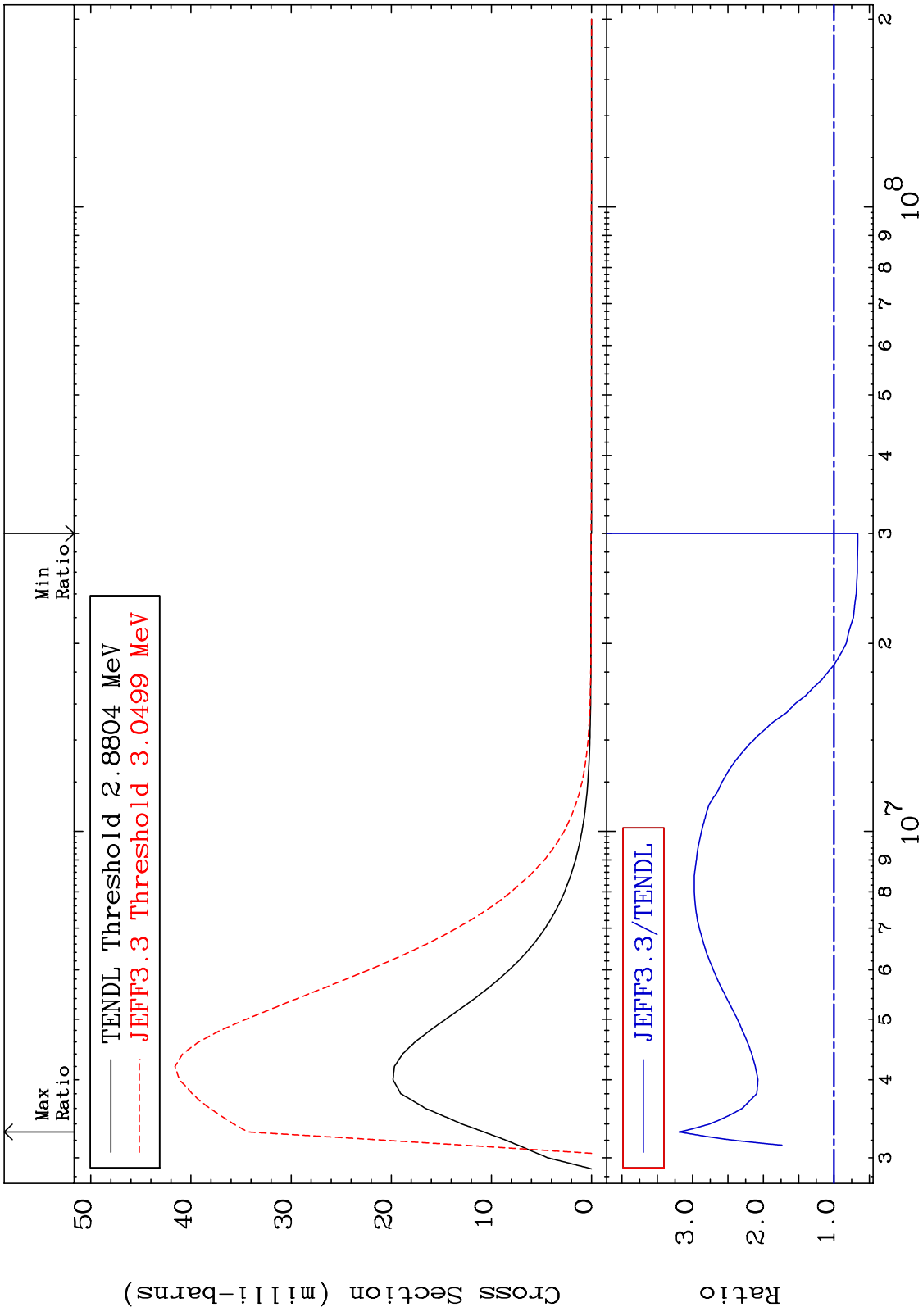


MAT 2434 MT= 66 (n,n') Level Cross Section -89.89 To 144.8 % 24-Cr-53



20 24-Cr-53

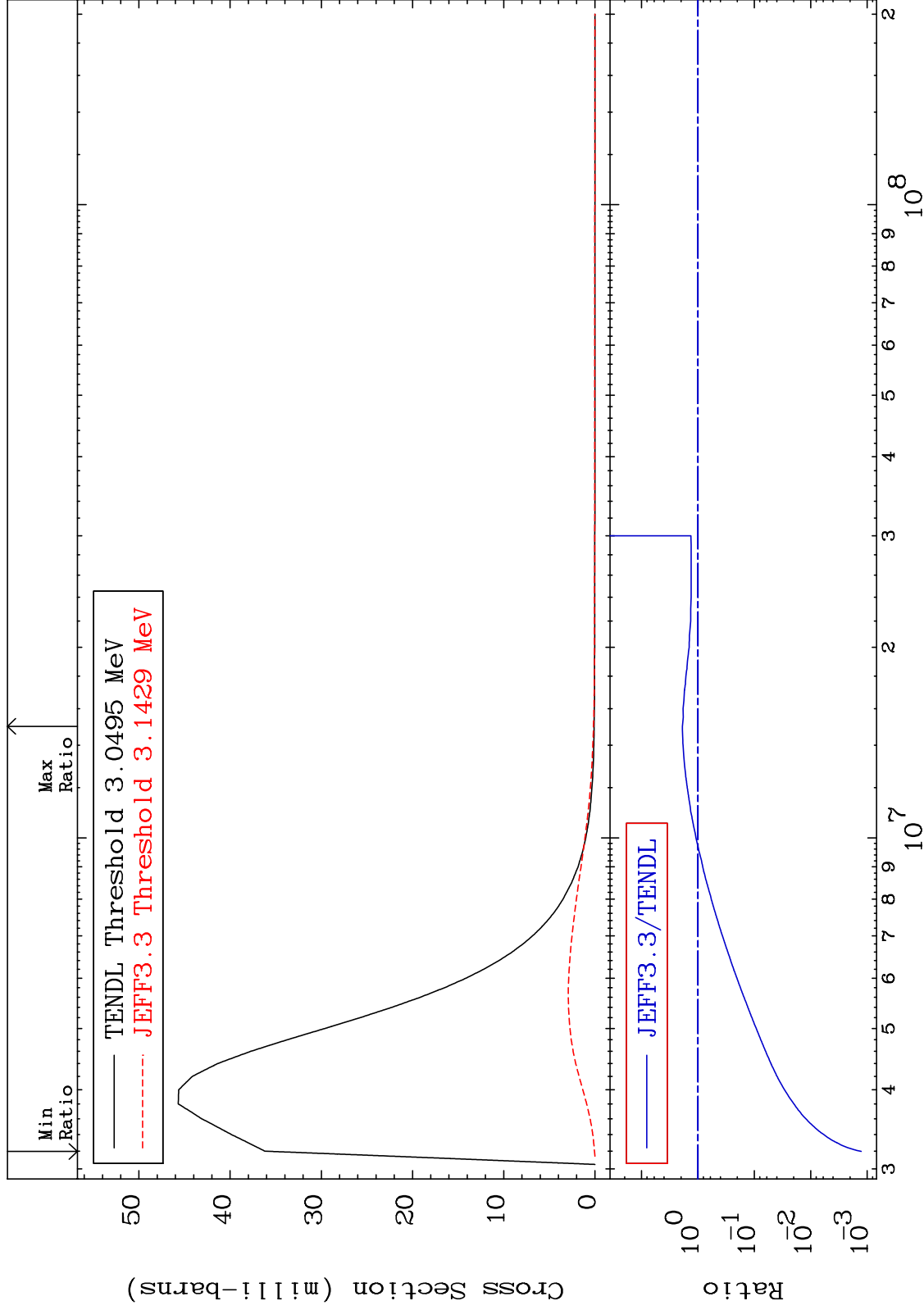
MAT 2434 MT= 67 (n,n') Level Cross Section 24-Cr-53
 -33.66 To 219.2 %



MAT 2434

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

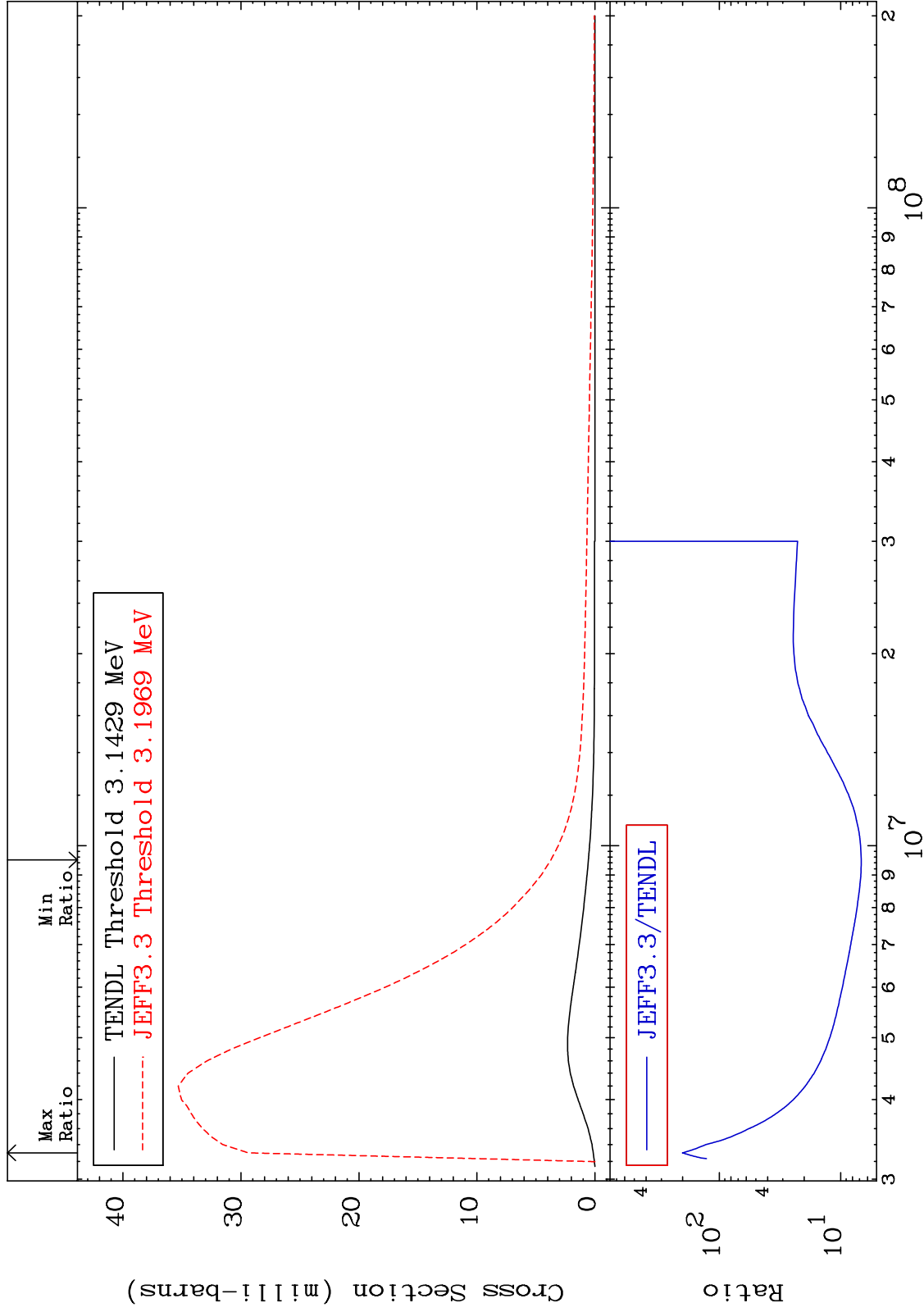
24-Cr-53
-99.87 To 88.32 %



MAT 2434

MT= 69 (n,n') Level
Cross Section

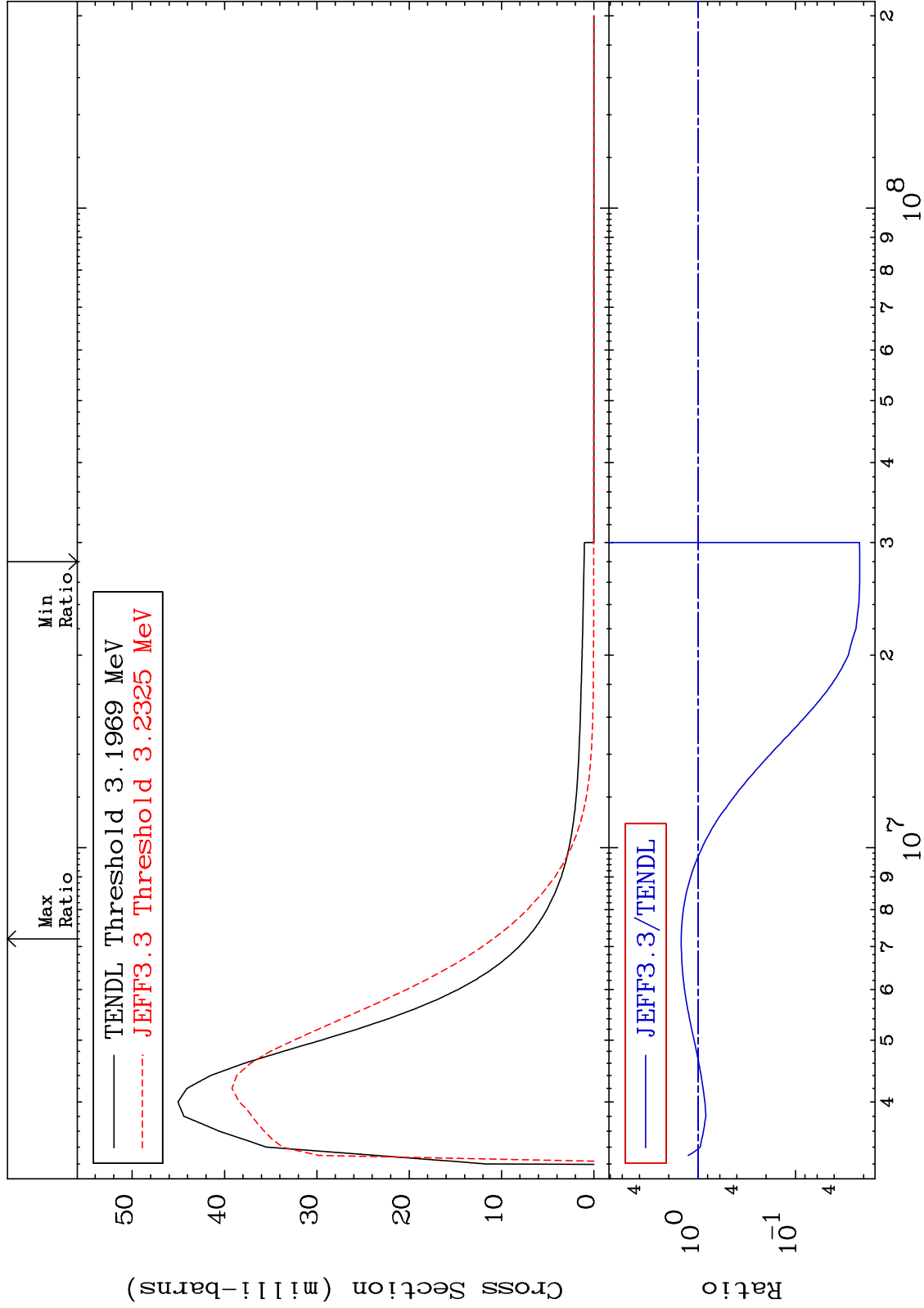
24-Cr-53
576.1 To 9999. %



MAT 2434

MT= 70 (n,n') Level
Cross Section

24-Cr-53
-97.81 To 49.02 %



24

Incident Energy (eV)

24-Cr-53

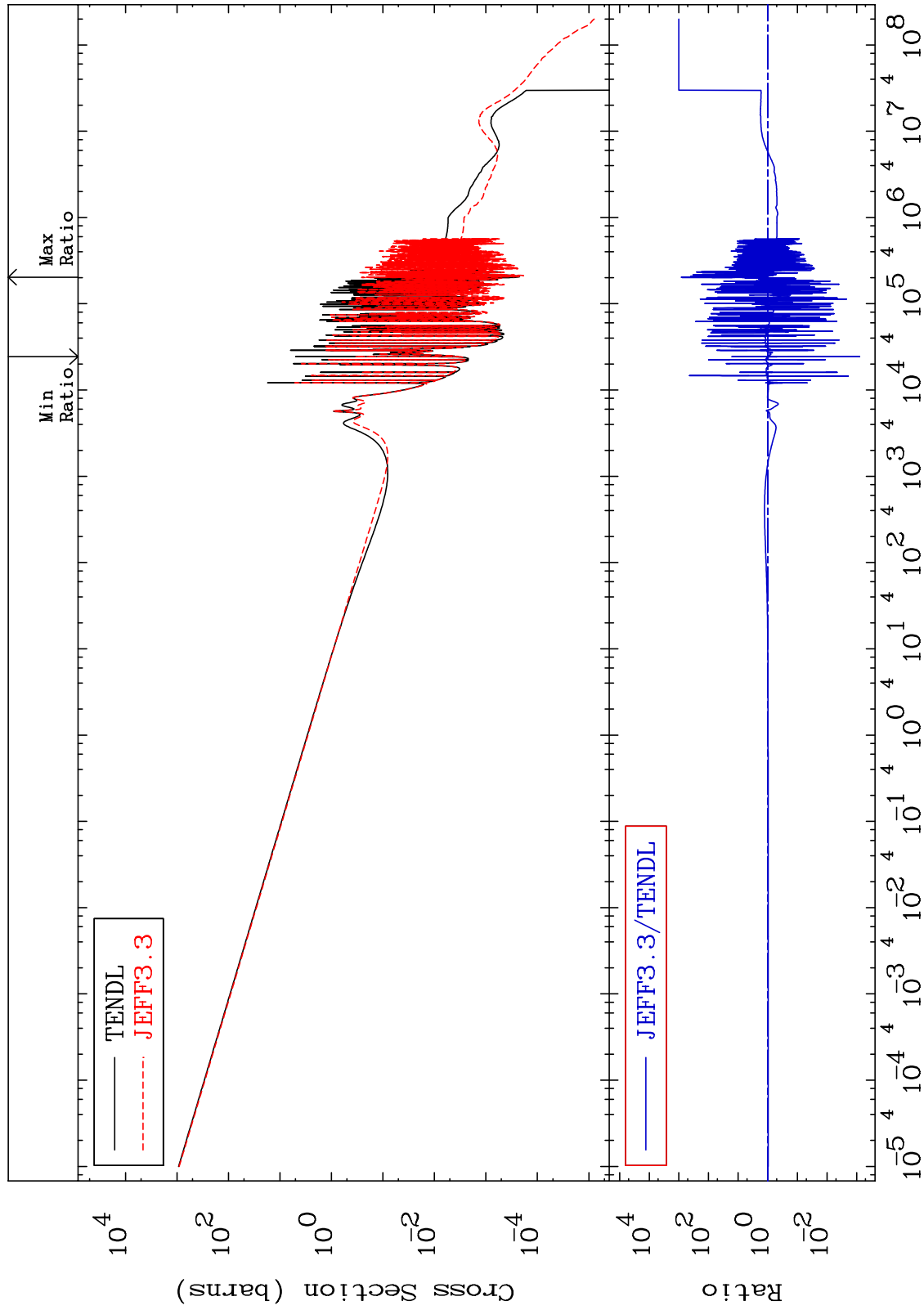
MAT 2434

(n, γ)

24-Cr-53

Cross Section

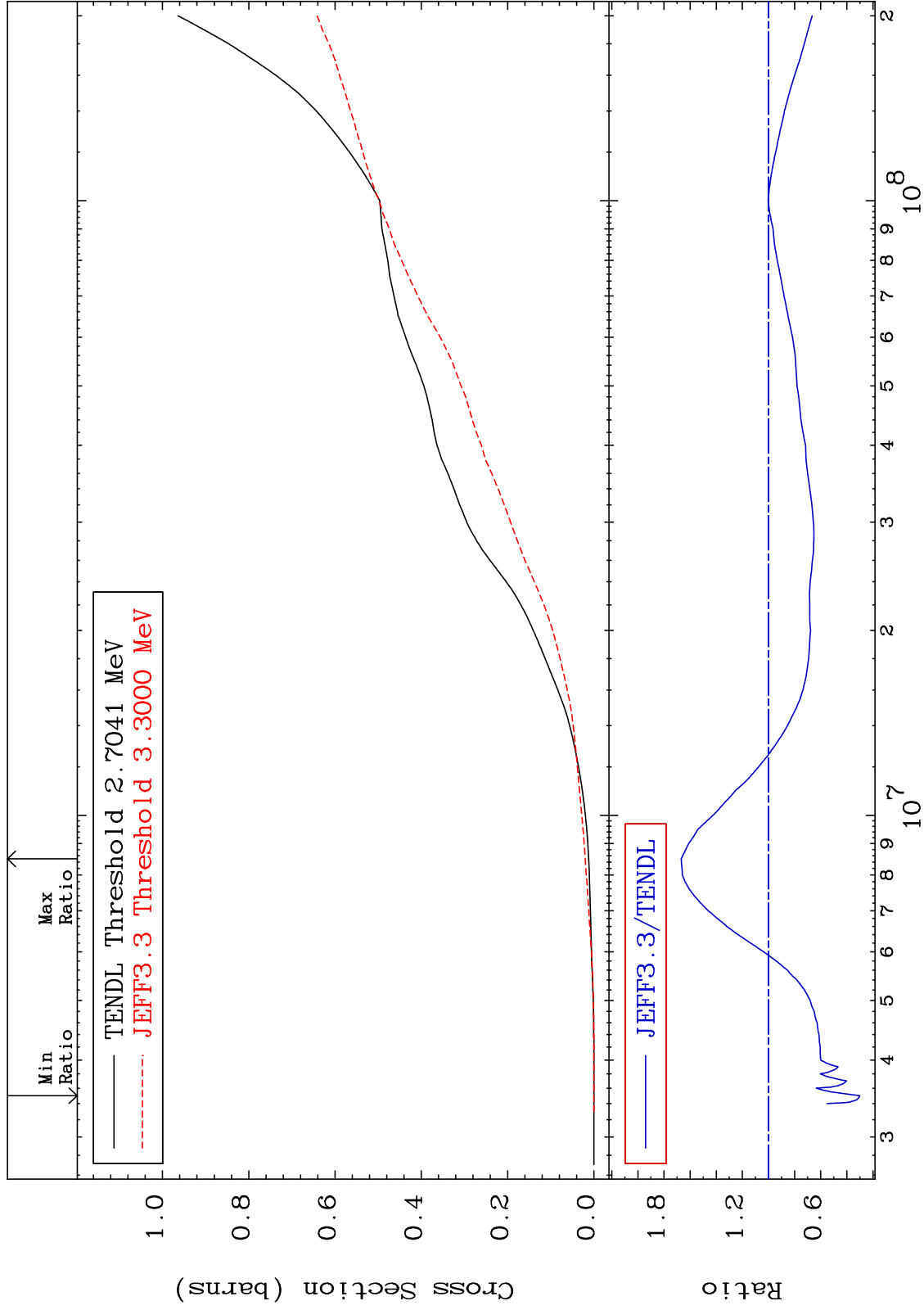
-99.92 To 9999. %



MAT 2434

Hydrogen Production
Cross Section

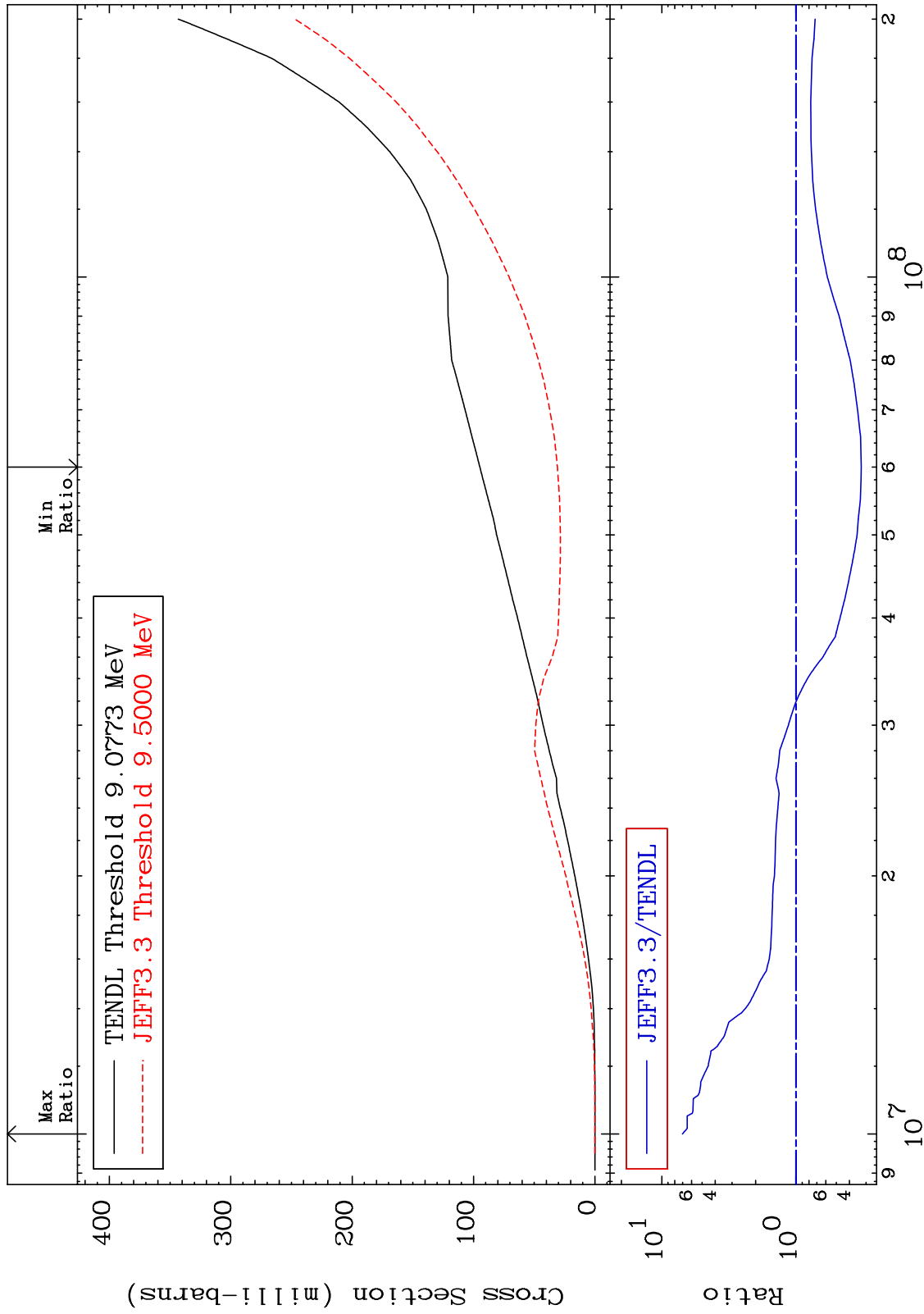
24-Cr-53
-69.90 To 66.79 %



MAT 2434

Deuterium Production
Cross Section

24-Cr-53
-67.39 To 601.2 %

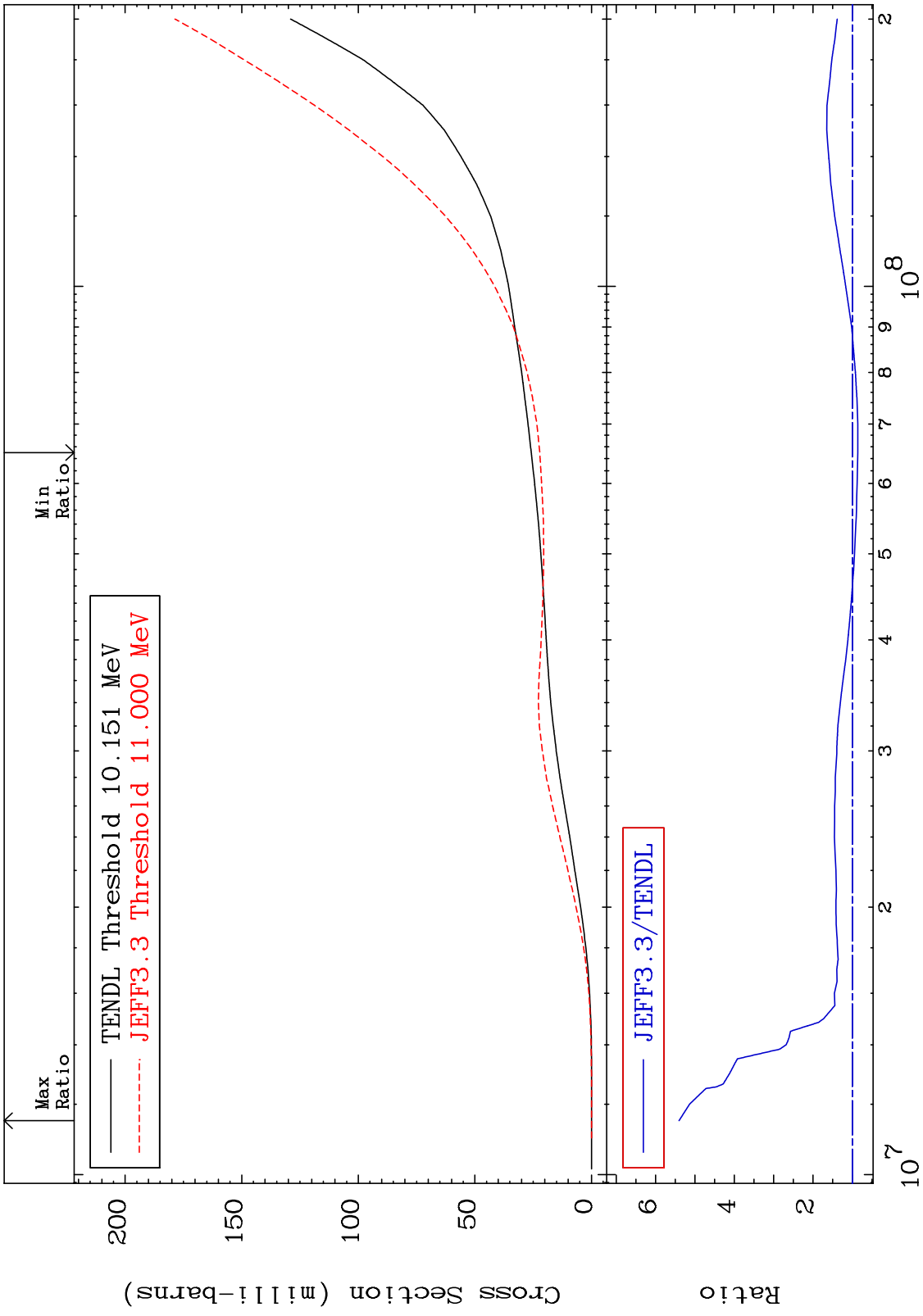


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Incident Energy (eV)

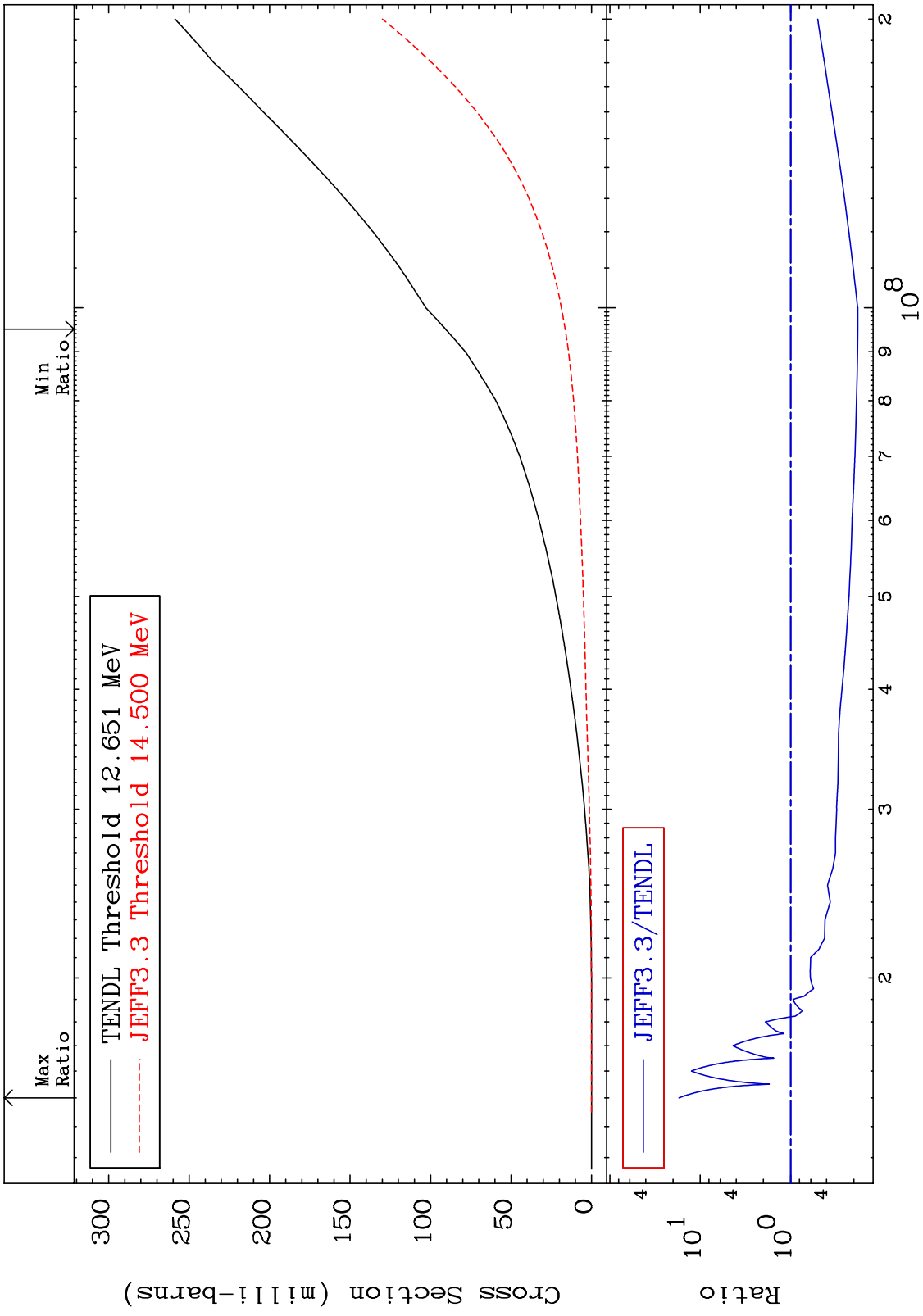
24-Cr-53

MAT 2434 Tritium Production Cross Section 24-Cr-53
 -14.14 To 440.3 %



28 24-Cr-53

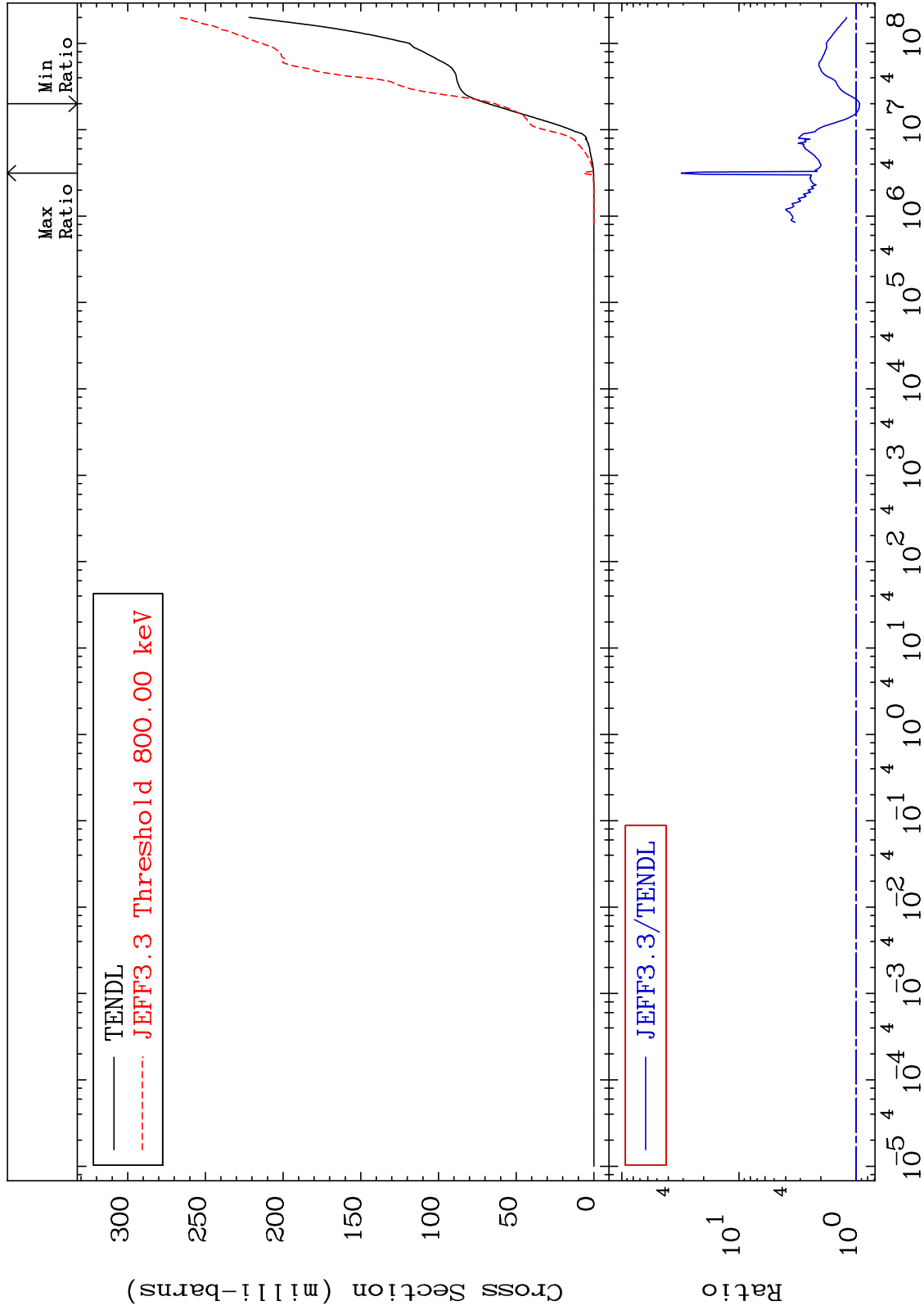
MAT 2434 He-3 Production Cross Section 24-Cr-53
 -81.93 To 1616. %



MAT 2434

He-4 Production
Cross Section

24-Cr-53
-6.756 To 3008. %



30

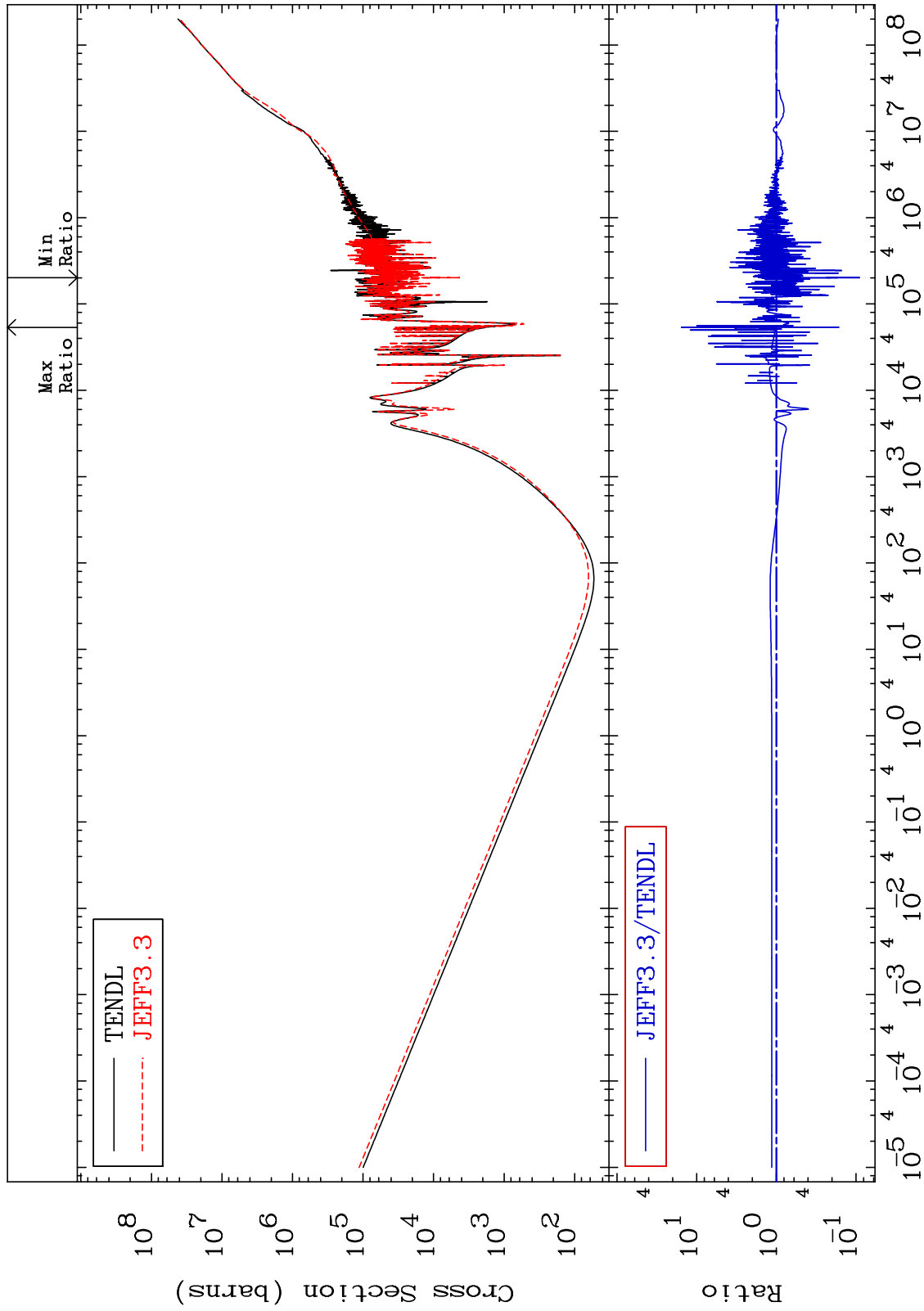
Incident Energy (eV)

24-Cr-53

MAT 2434

Kerma total (eV-barns)
Cross Section

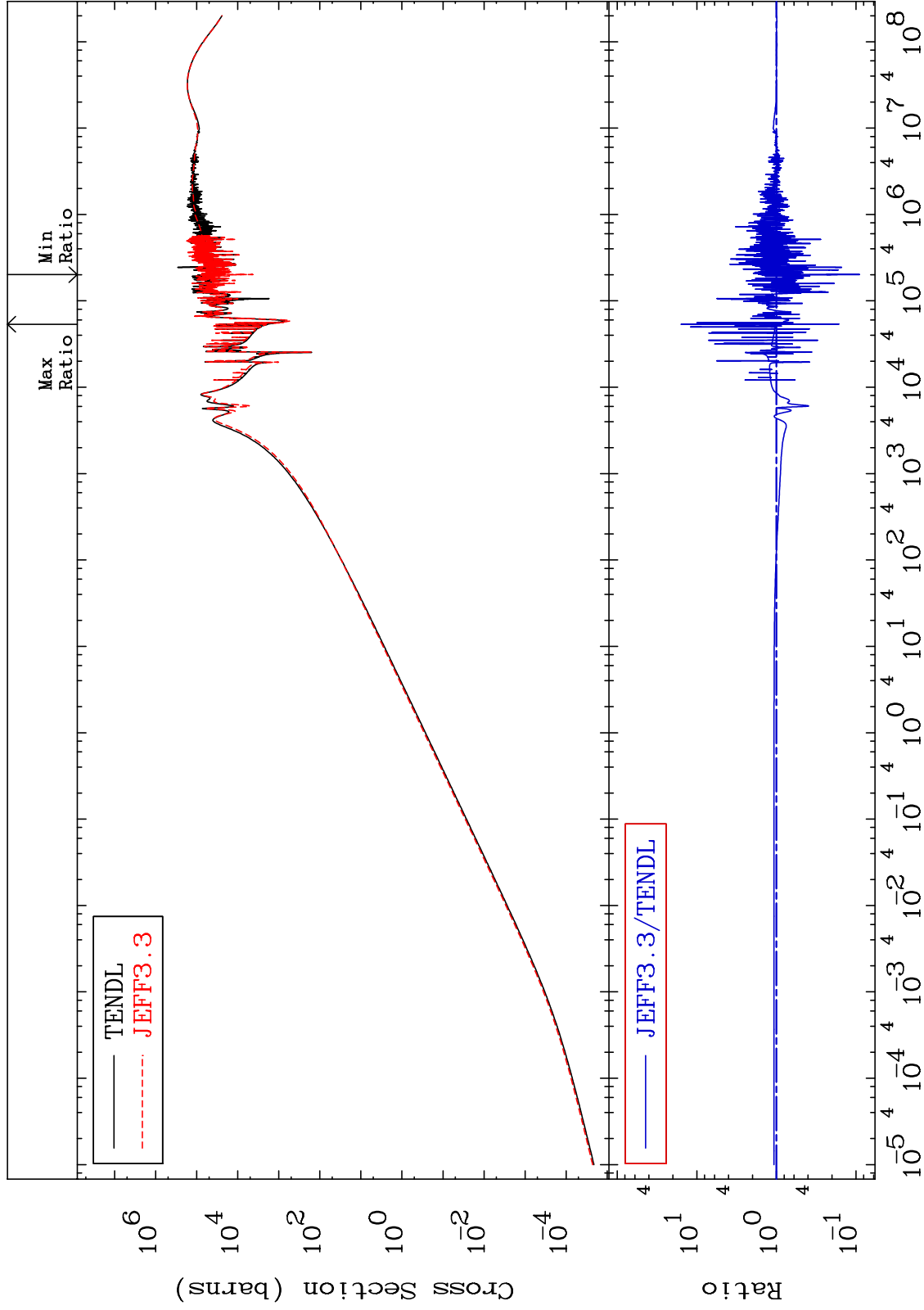
24-Cr-53
-91.04 To 1463. %



MAT 2434

Kerma elastic
Cross Section

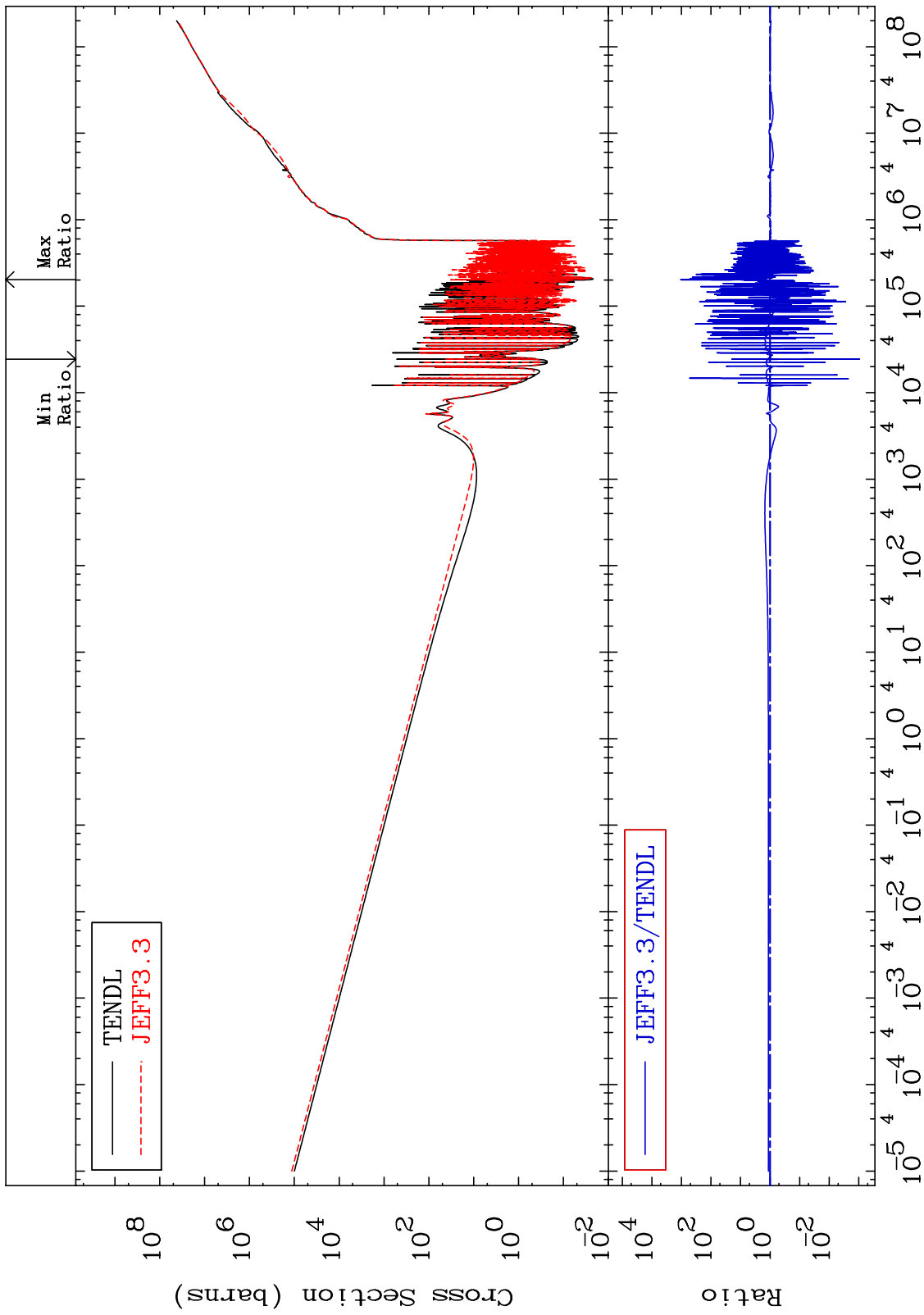
24-Cr-53
-91.04 To 1470. %



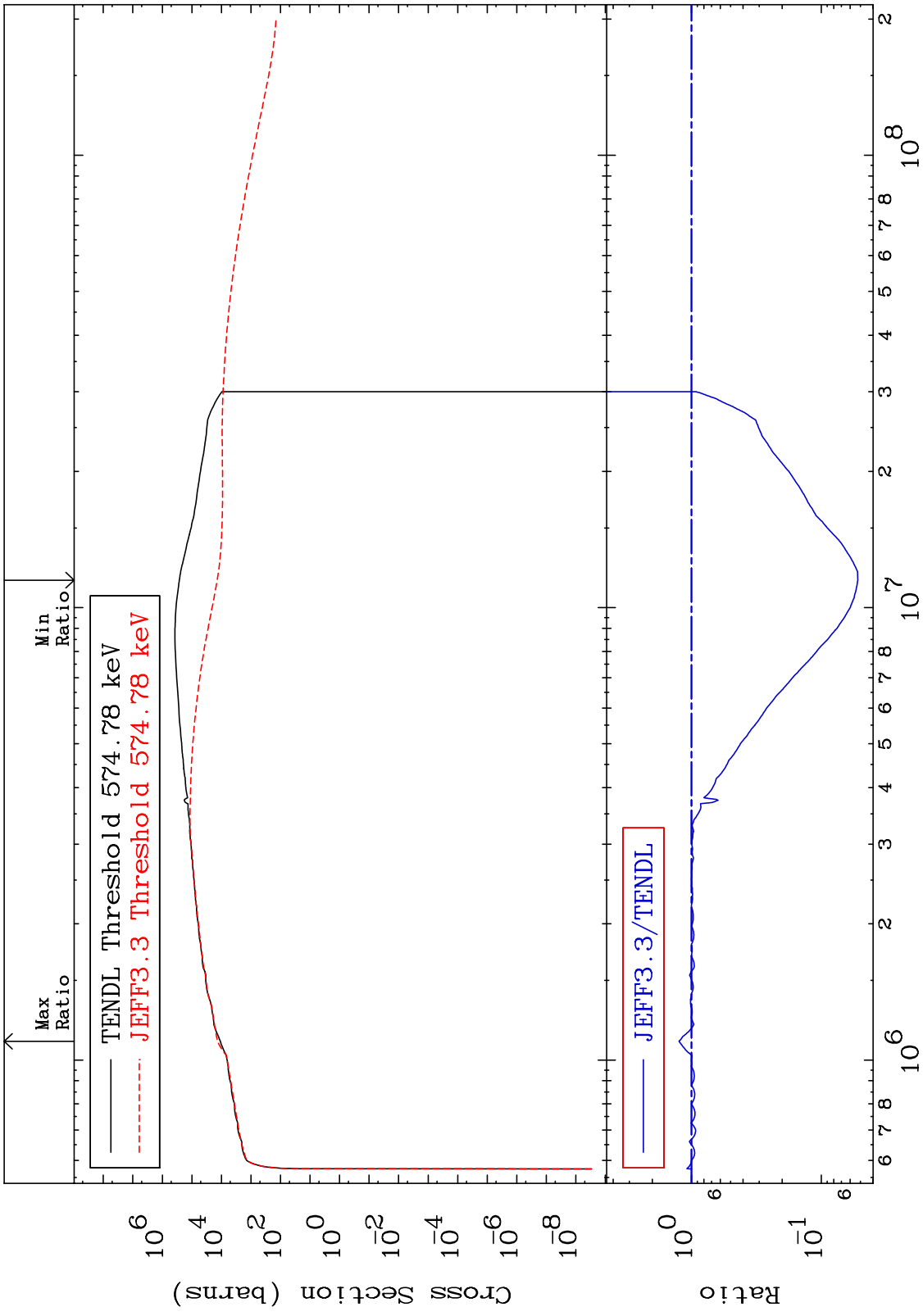
MAT 2434

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-53
-99.91 To 9999. %



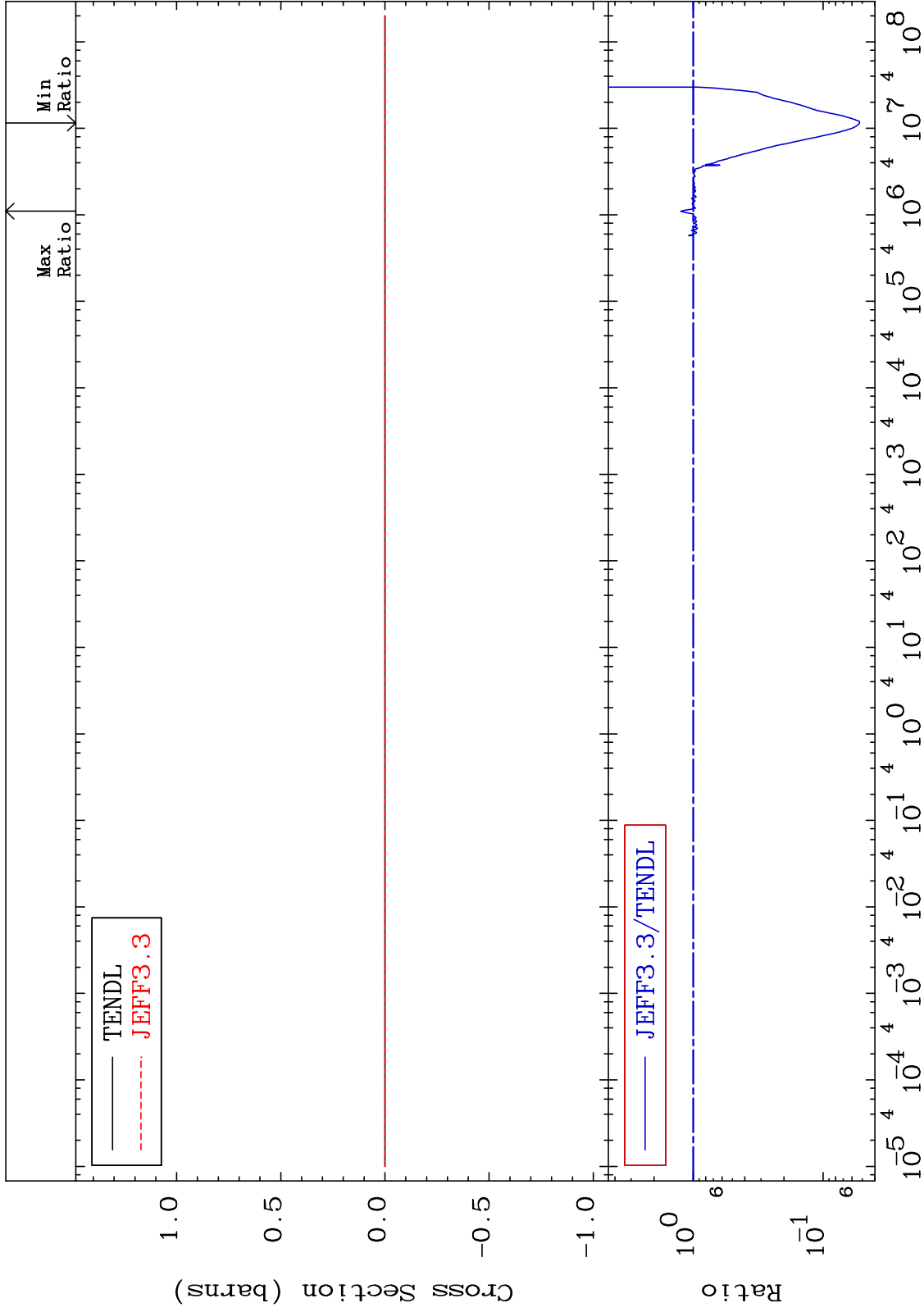
MAT 2434 Kerma inelastic (mt51-91) 24-Cr-53
 -94.78 To 24.45 %
 Cross Section



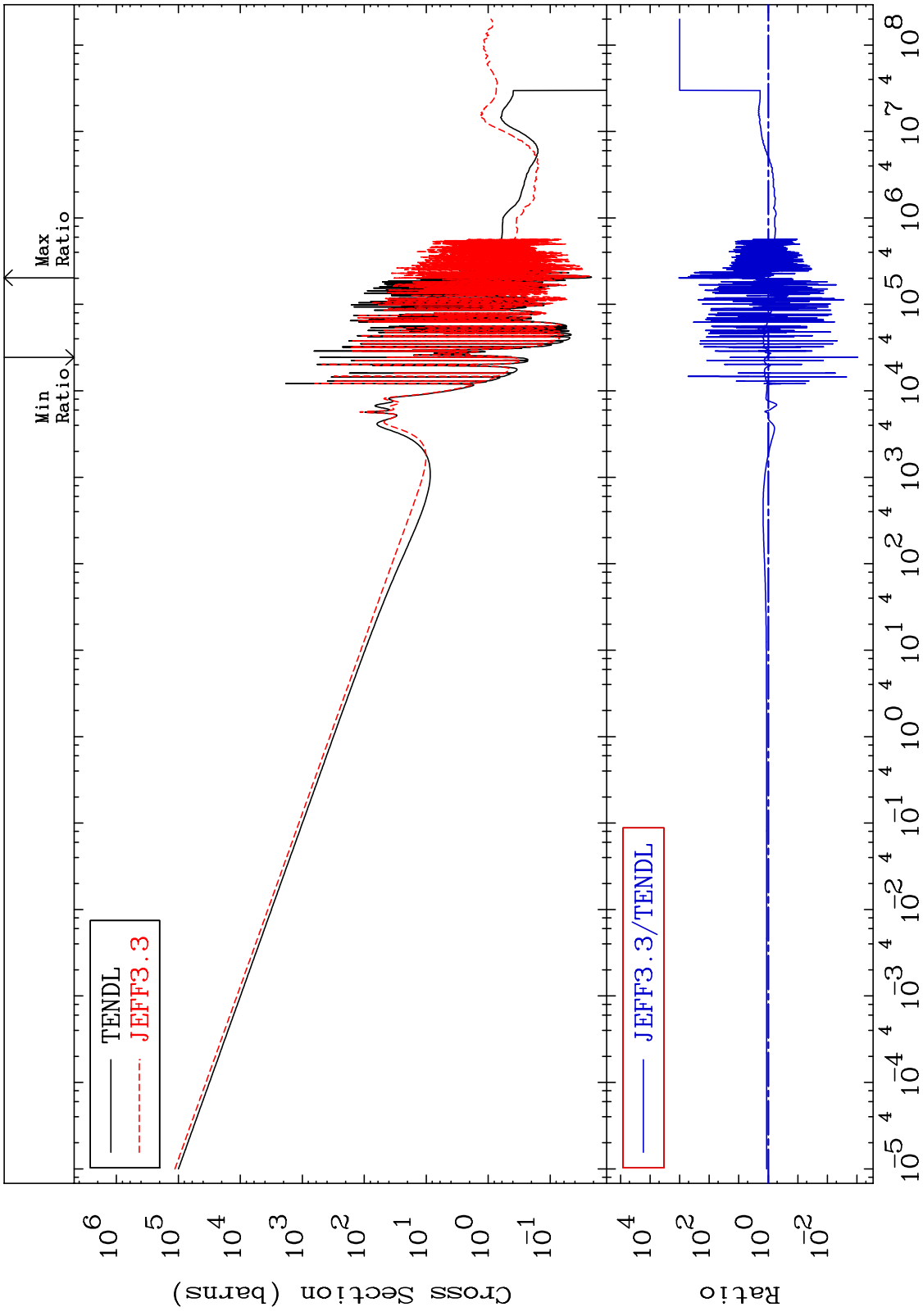
MAT 2434

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

24-Cr-53
-94.78 To 24.45 %



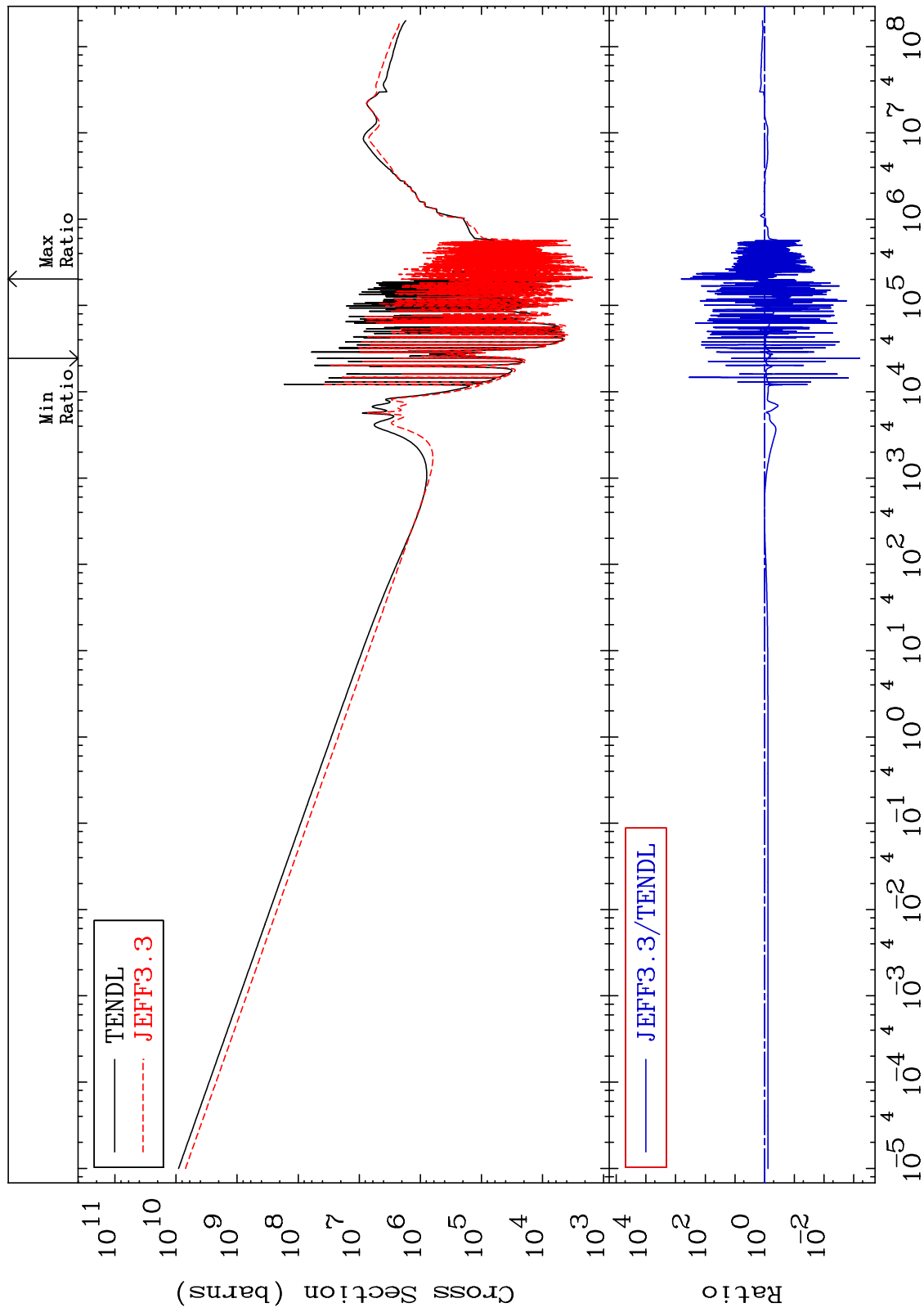
MAT 2434 Kerma capture (mt102) 24-Cr-53
 Cross Section -99.91 To 9999. %



MAT 2434

Total photon (eV-barns)
Cross Section

24-Cr-53
-99.94 To 9999. %



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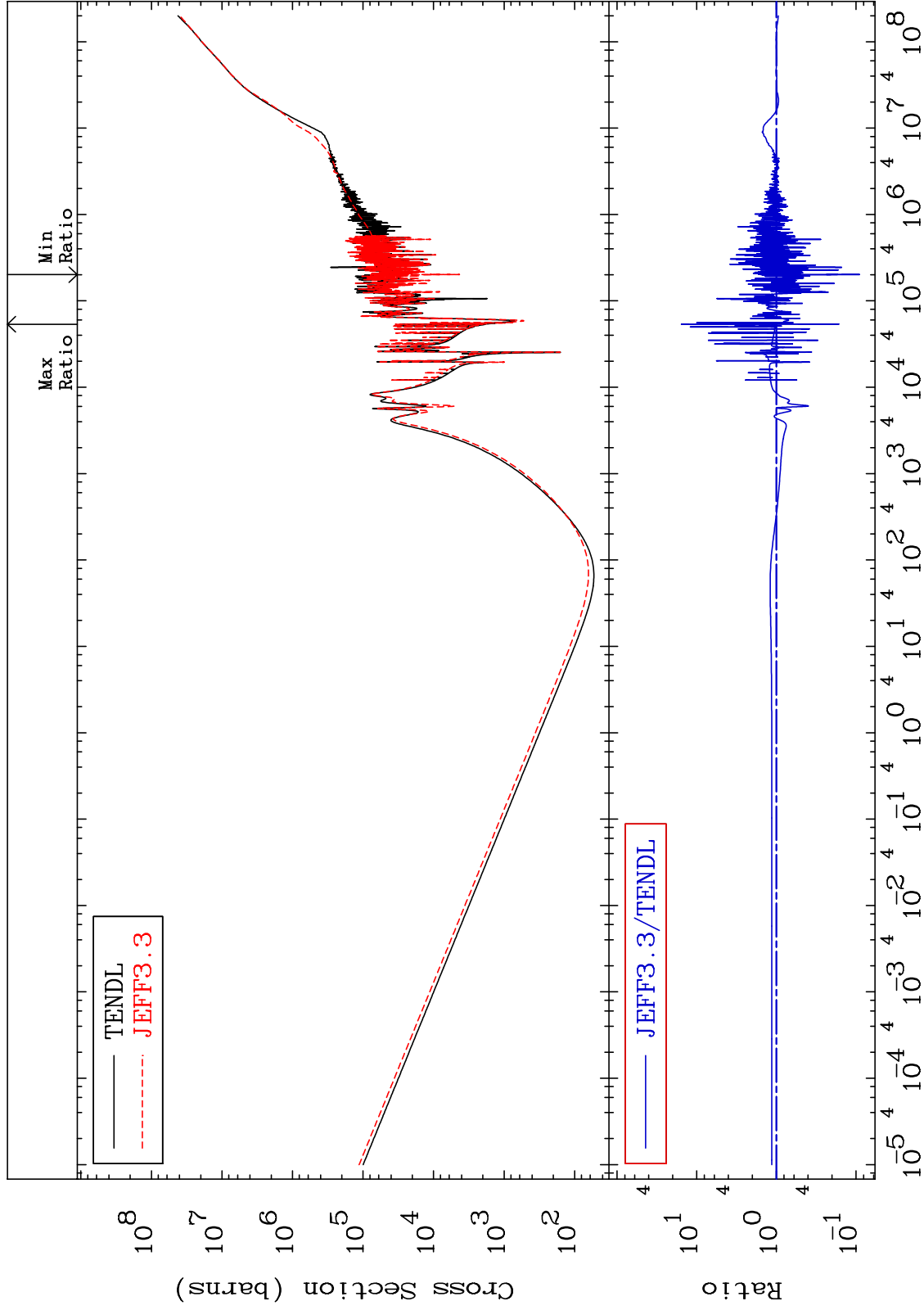
Incident Energy (eV)

24-Cr-53

MAT 2434

Total kinematic kerma (high limit)
Cross Section

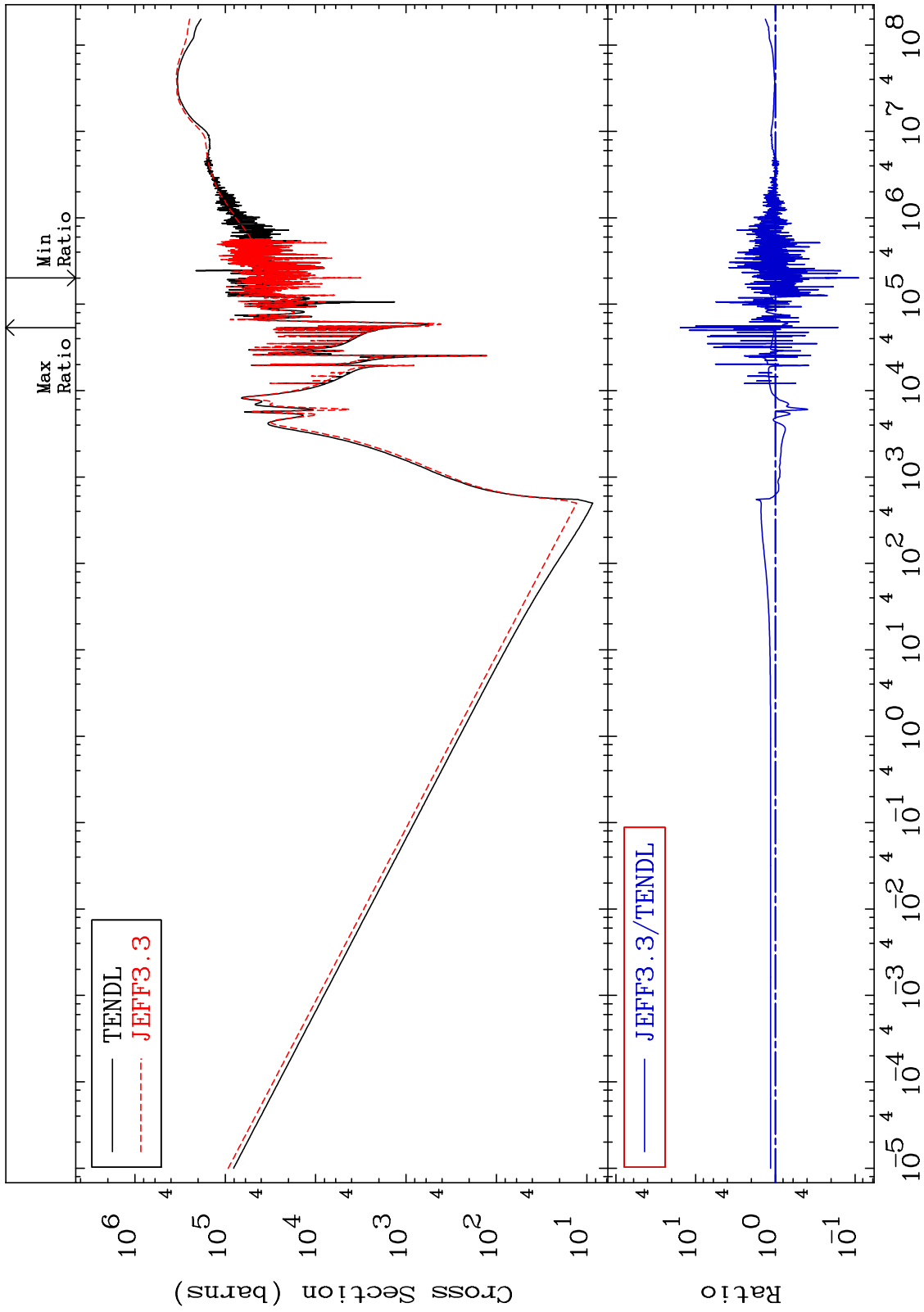
24-Cr-53
-91.04 To 1463. %



MAT 2434

Dpa total (eV-barns)
Cross Section

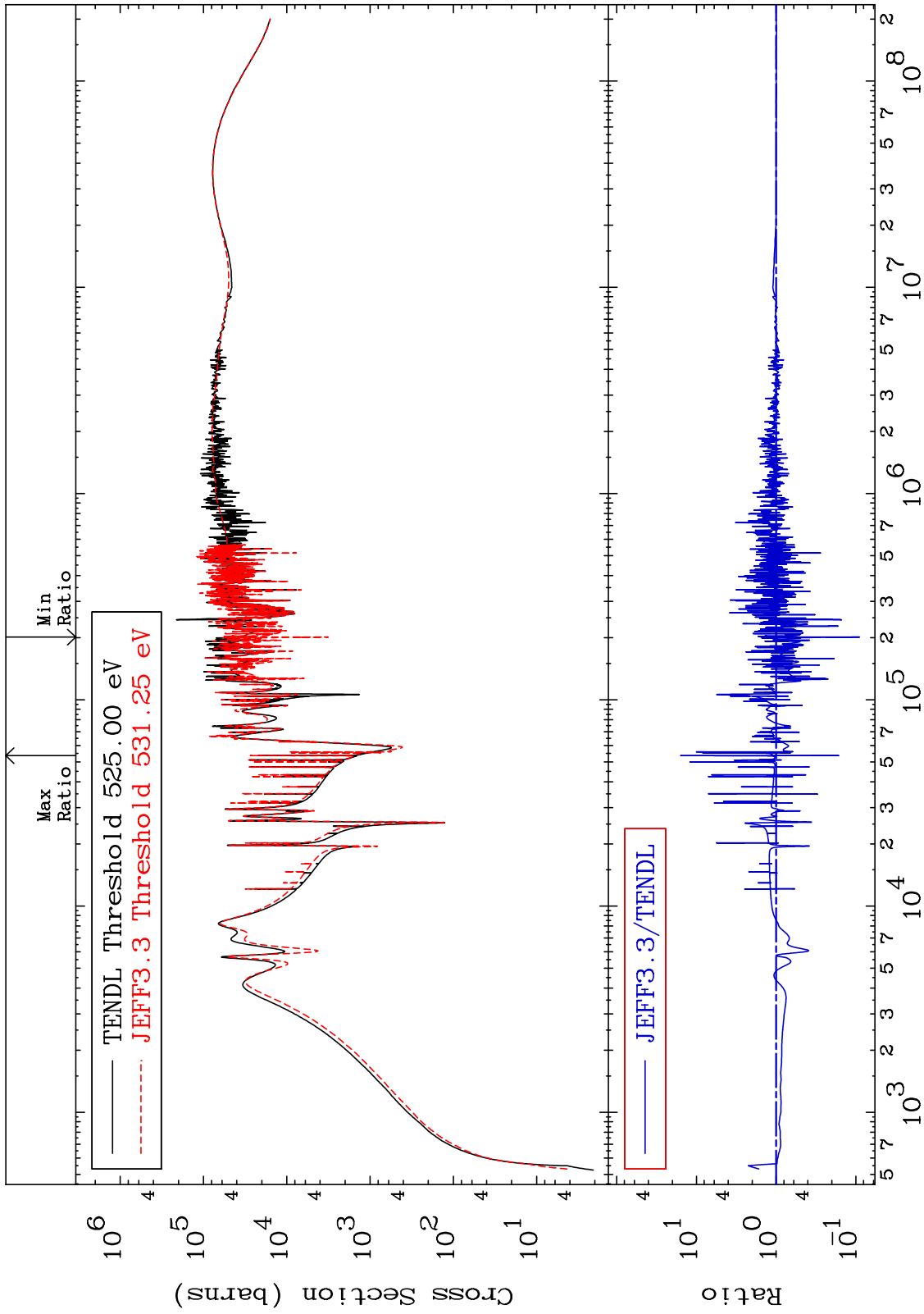
24-Cr-53
-91.04 To 1463. %



MAT 2434

Dpa elastic (mt2)
Cross Section

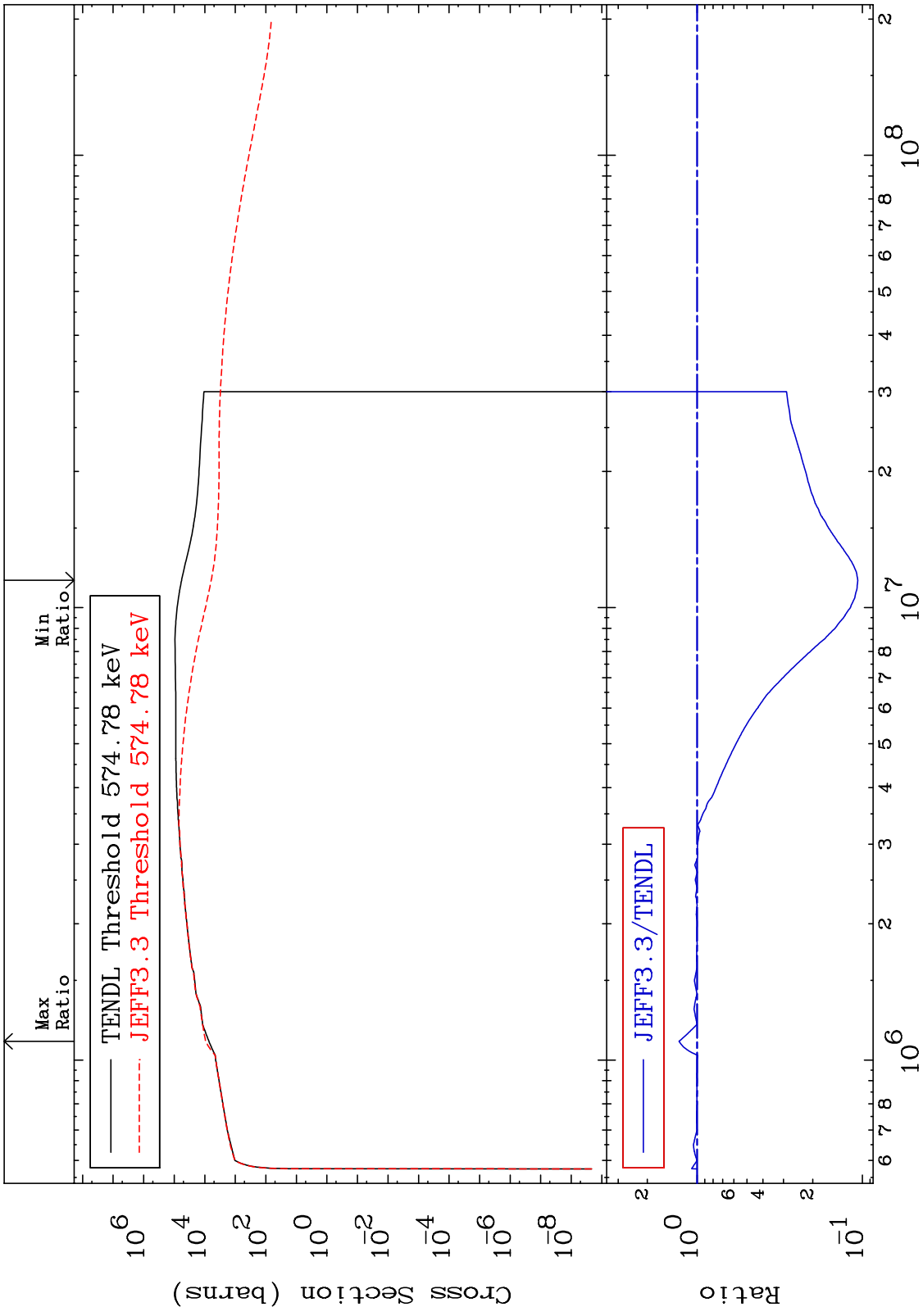
24-Cr-53
-91.04 To 1470. %



40

Incident Energy (eV)

24-Cr-53



MAT 2434

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-53
-100.0 To 9999. %

