

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

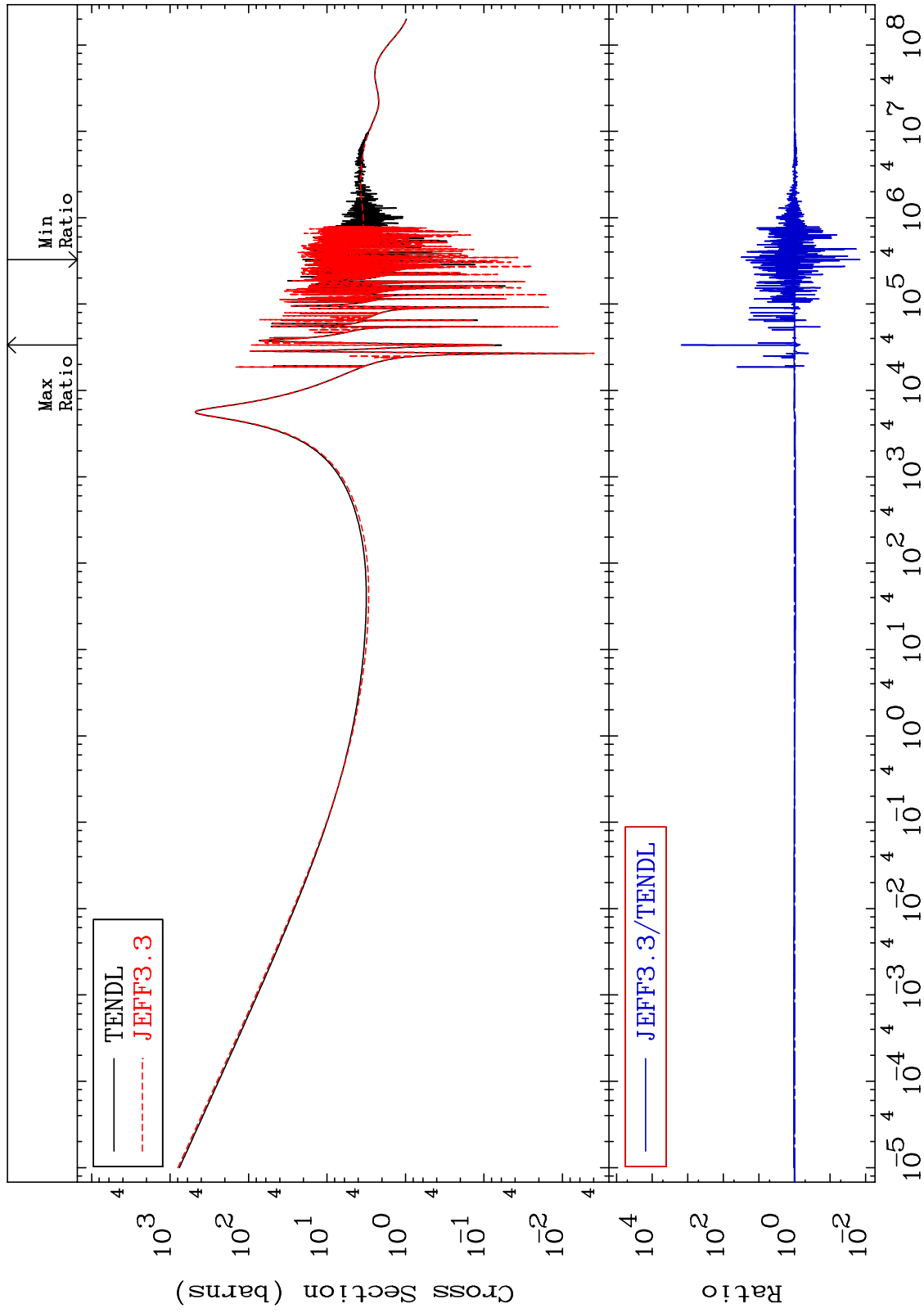
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2425

Total
Cross Section

24-Cr-50
-98.54 To 9999. %



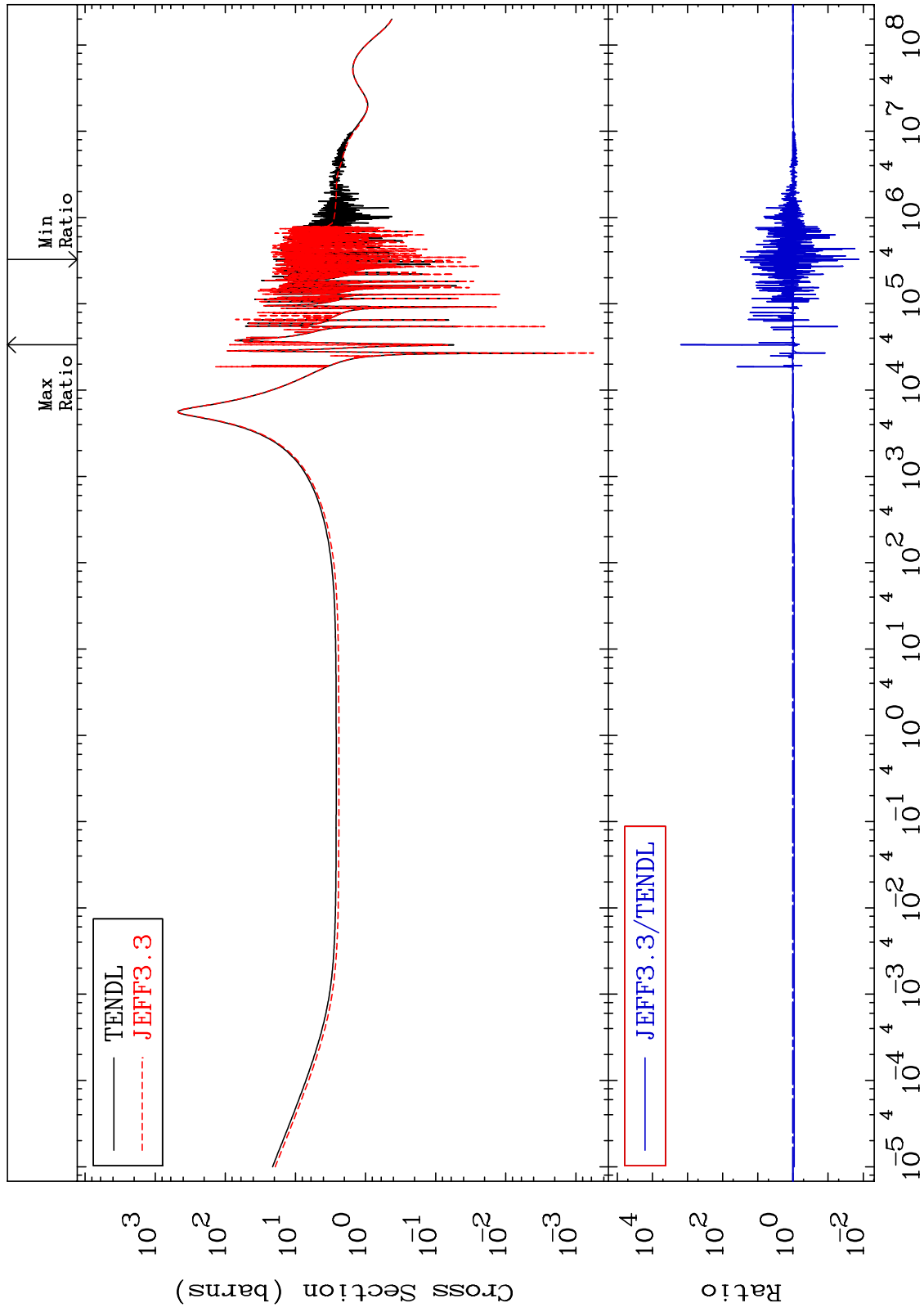
Incident Energy (eV)

24-Cr-50

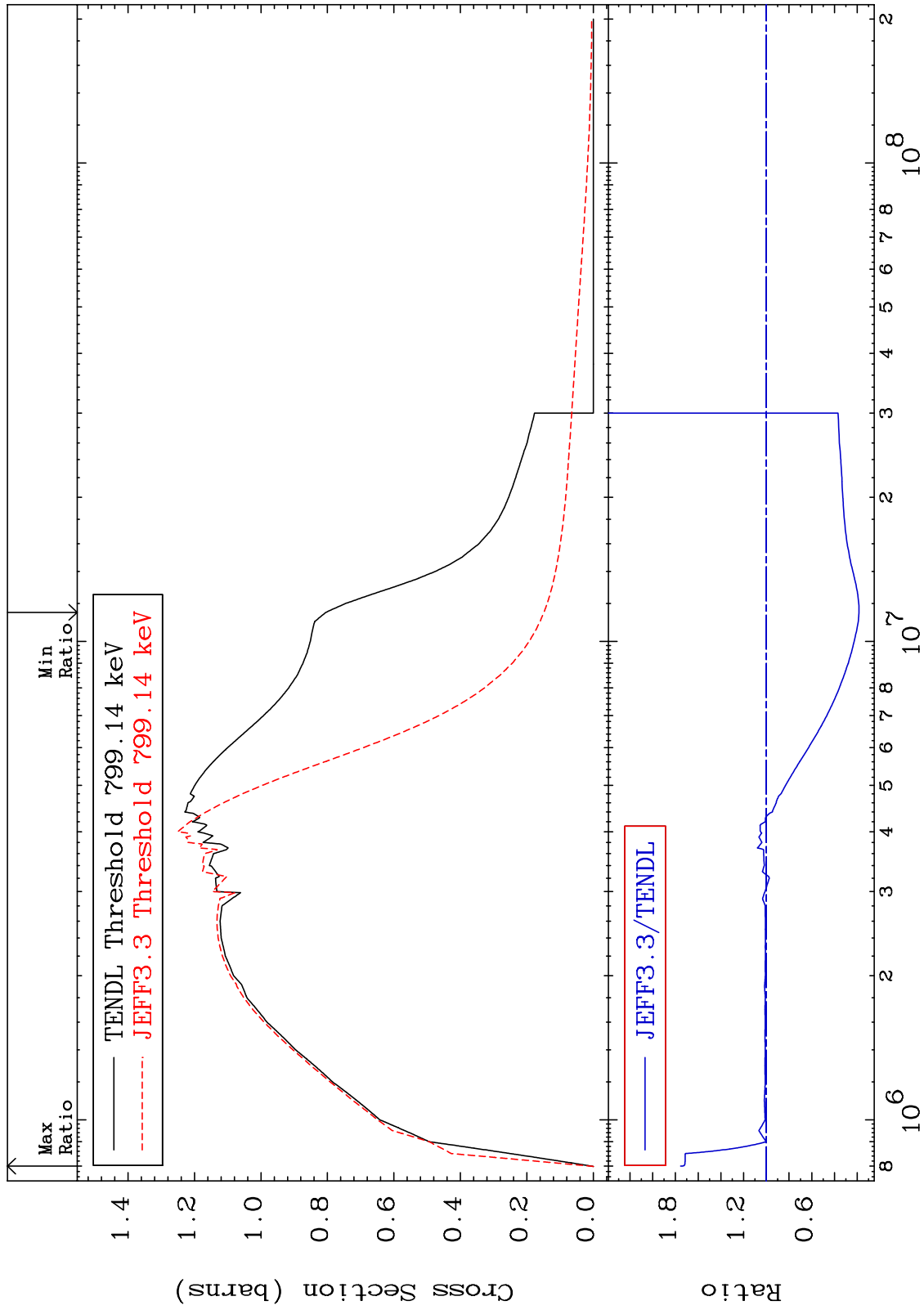
MAT 2425

Elastic
Cross Section

24-Cr-50
-98.68 To 9999. %



MAT 2425 Inelastic Cross Section 24-Cr-50 -81.56 To 75.40 %

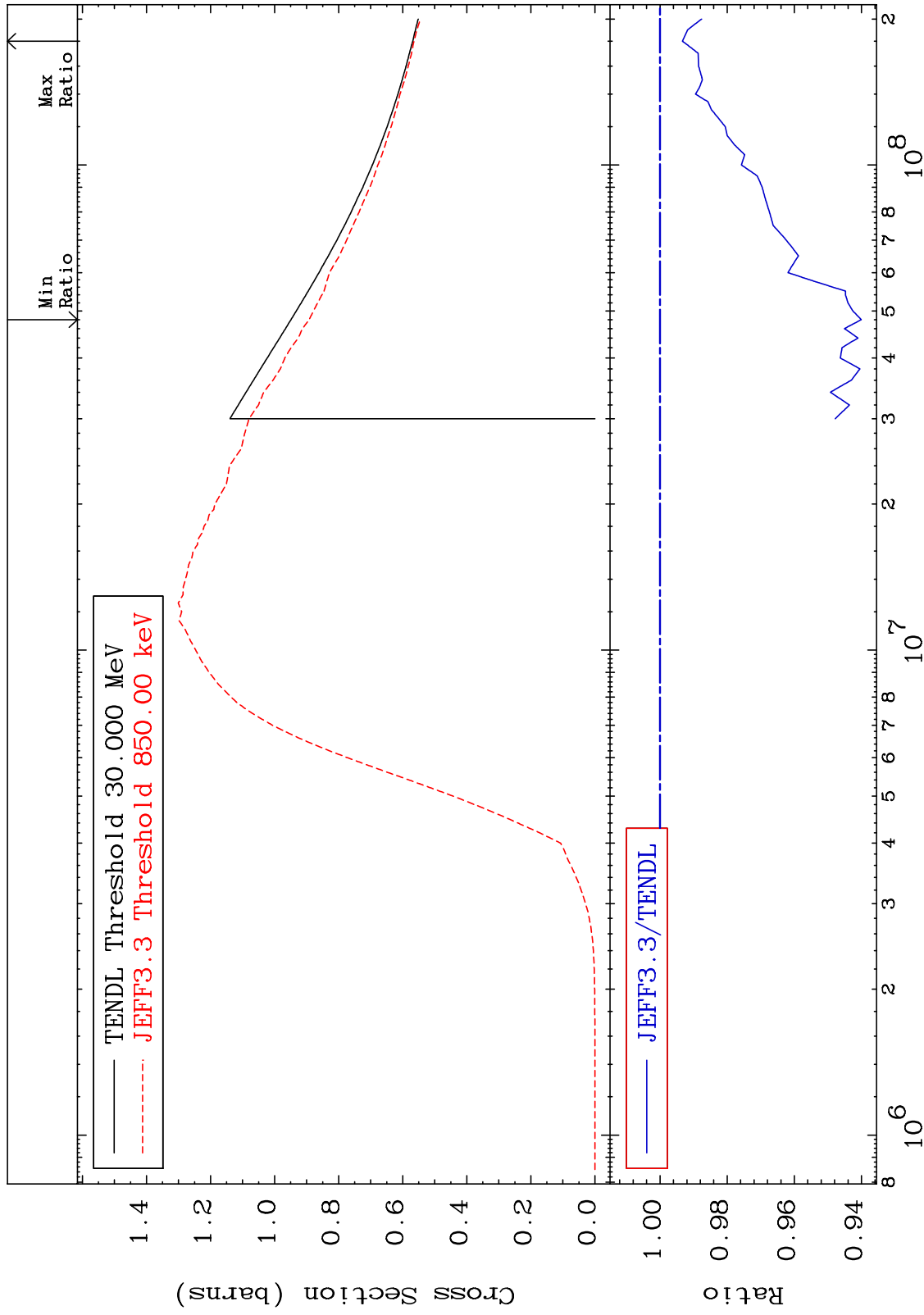


3 8 10⁶ 2 3 4 5 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 24-Cr-50

MAT 2425

(n, remainder)
Cross Section

24-Cr-50
-5.994 To -0.668%

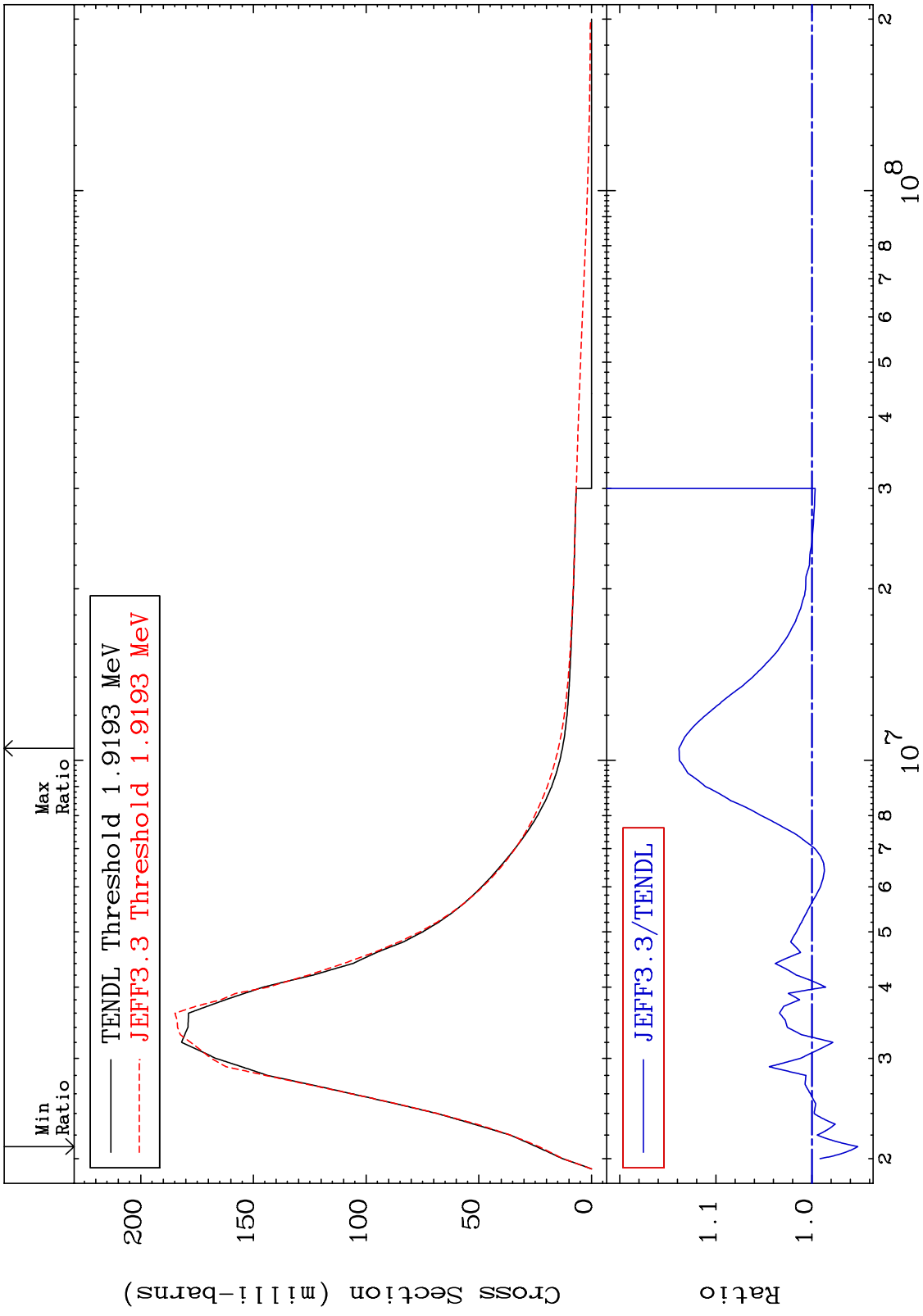


4

Incident Energy (eV)

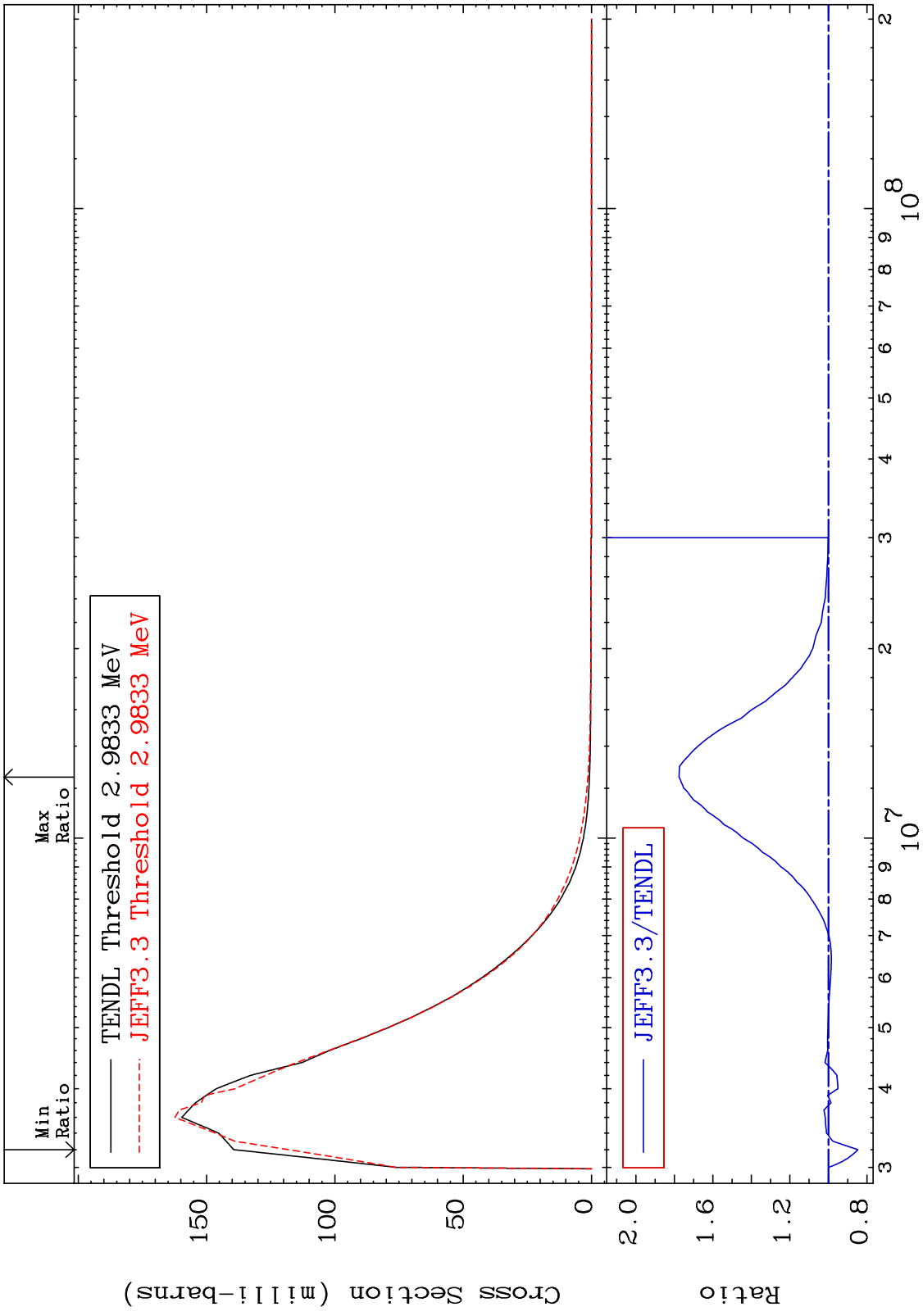
24-Cr-50

MAT 2425 MT= 52 (n,n') Level Cross Section -4.774 To 13.83 % 24-Cr-50



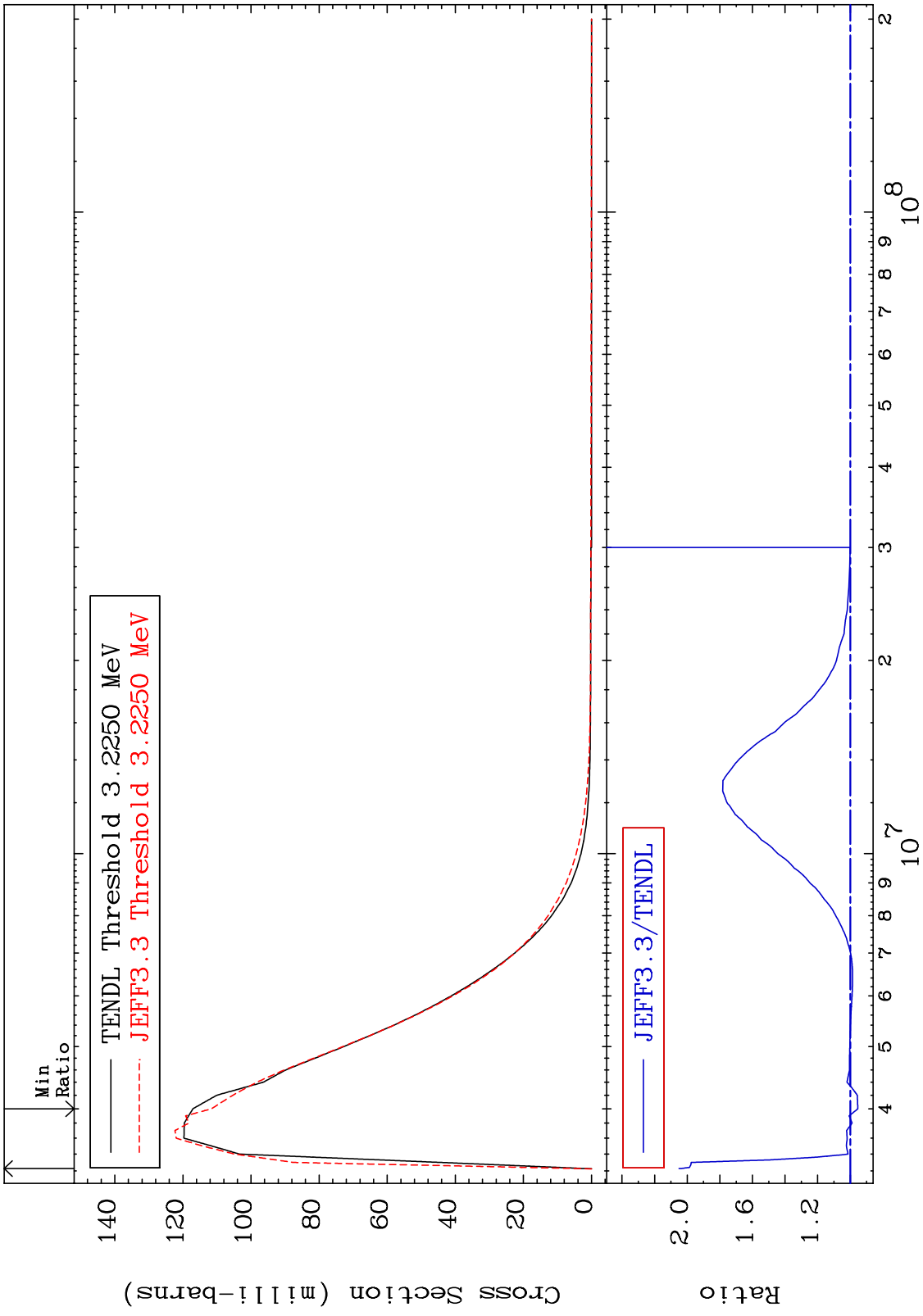
6 Incident Energy (eV) 24-Cr-50

MAT 2425 MT= 53 (n,n') Level Cross Section -15.29 To 77.58 % 24-Cr-50

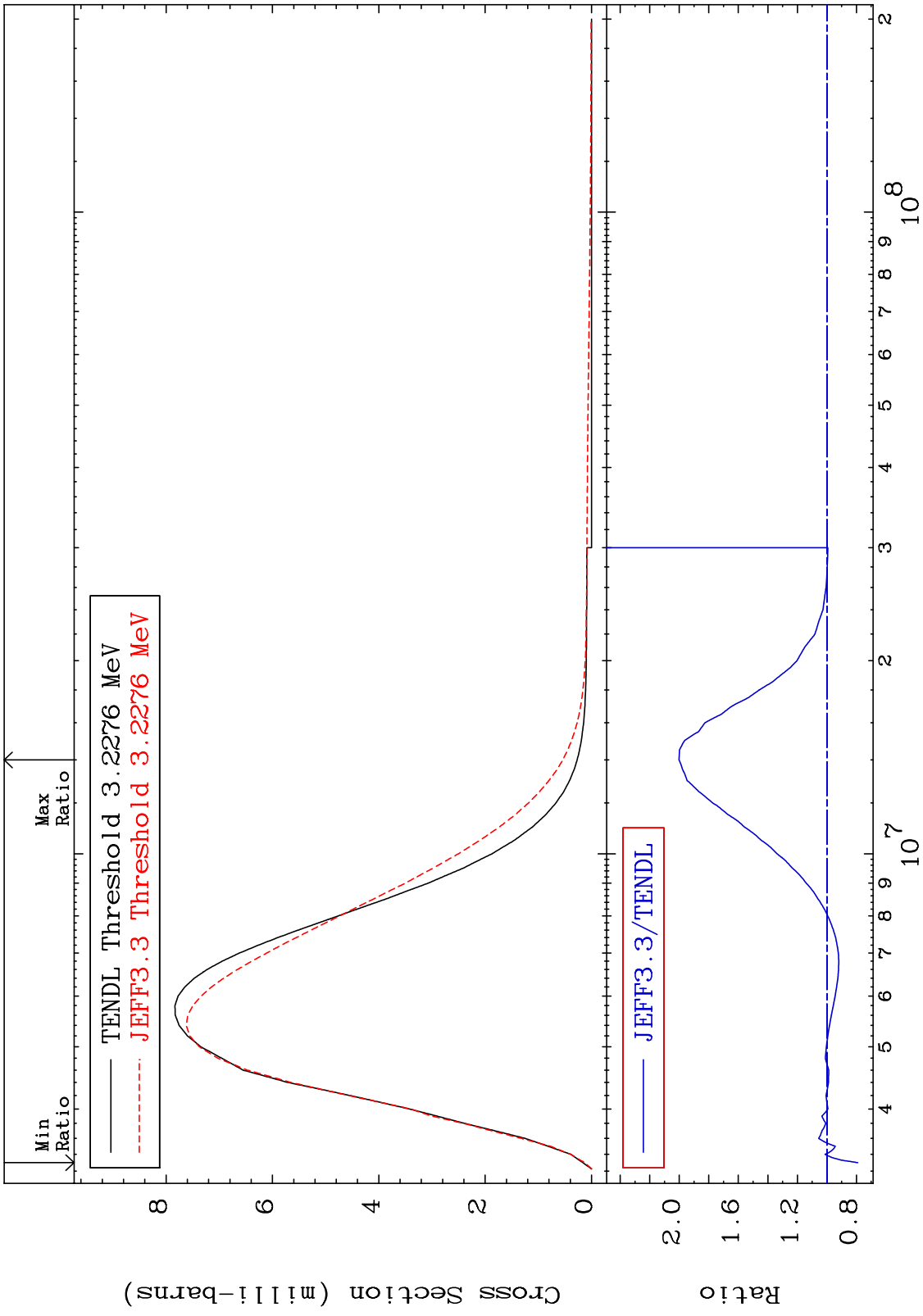


7 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 8 24-Cr-50

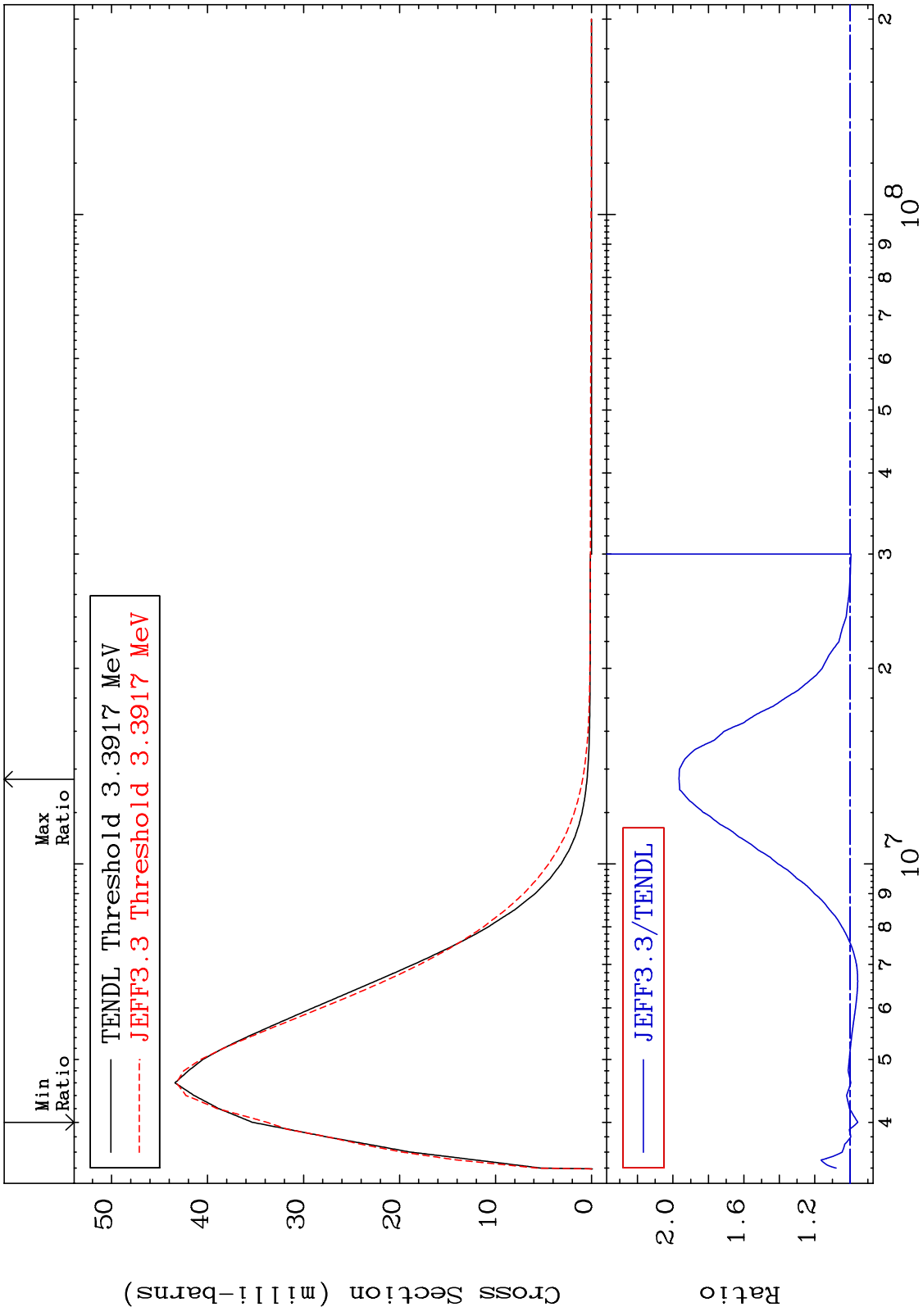
MAT 2425 MT= 54 (n,n') Level Cross Section -4.632 To 105.0 % 24-Cr-50



MAT 2425 MT= 55 (n,n') Level Cross Section -20.94 To 100.1 % 24-Cr-50

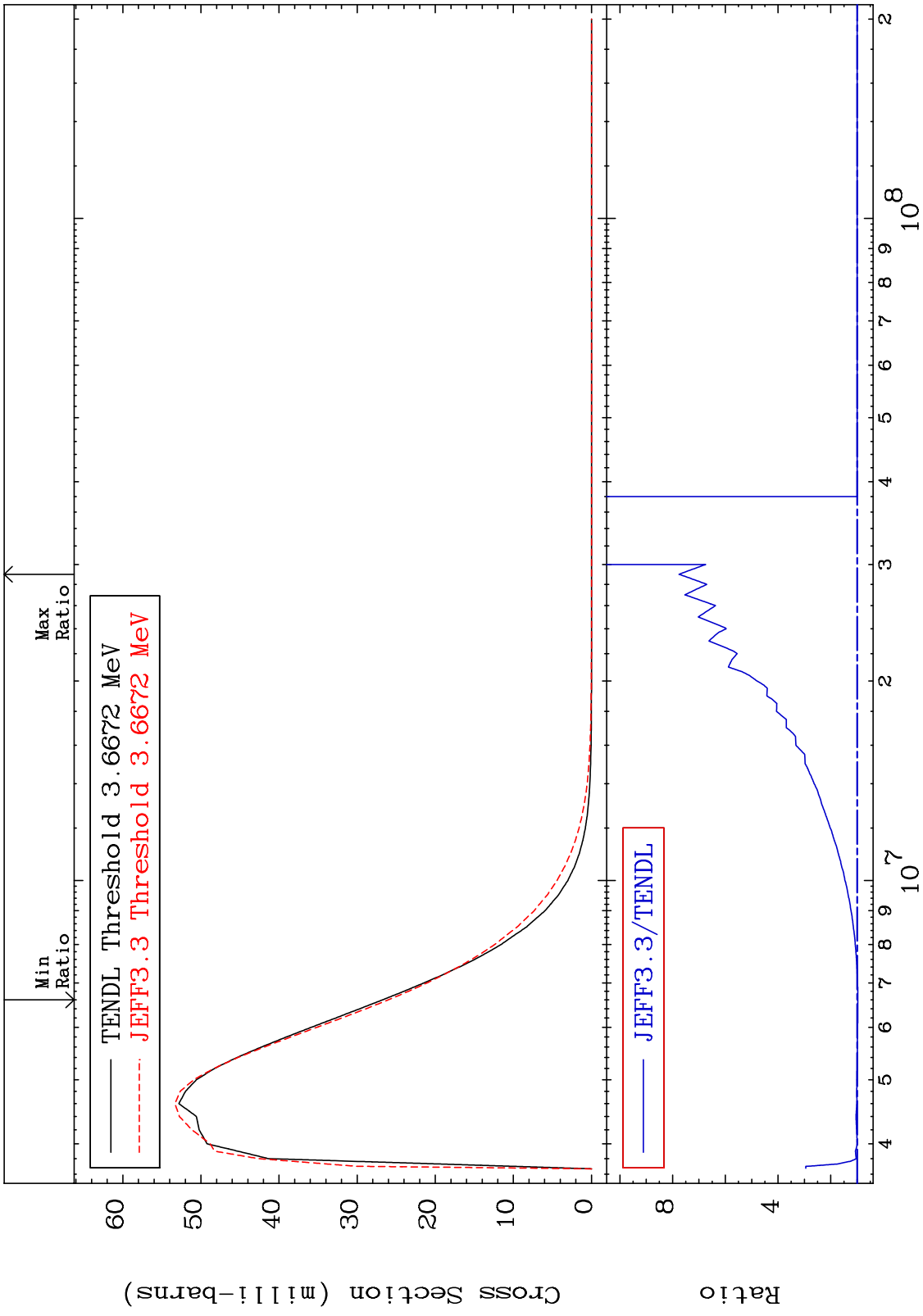


MAT 2425 MT= 56 (n,n') Level Cross Section -4.324 To 96.56 % 24-Cr-50

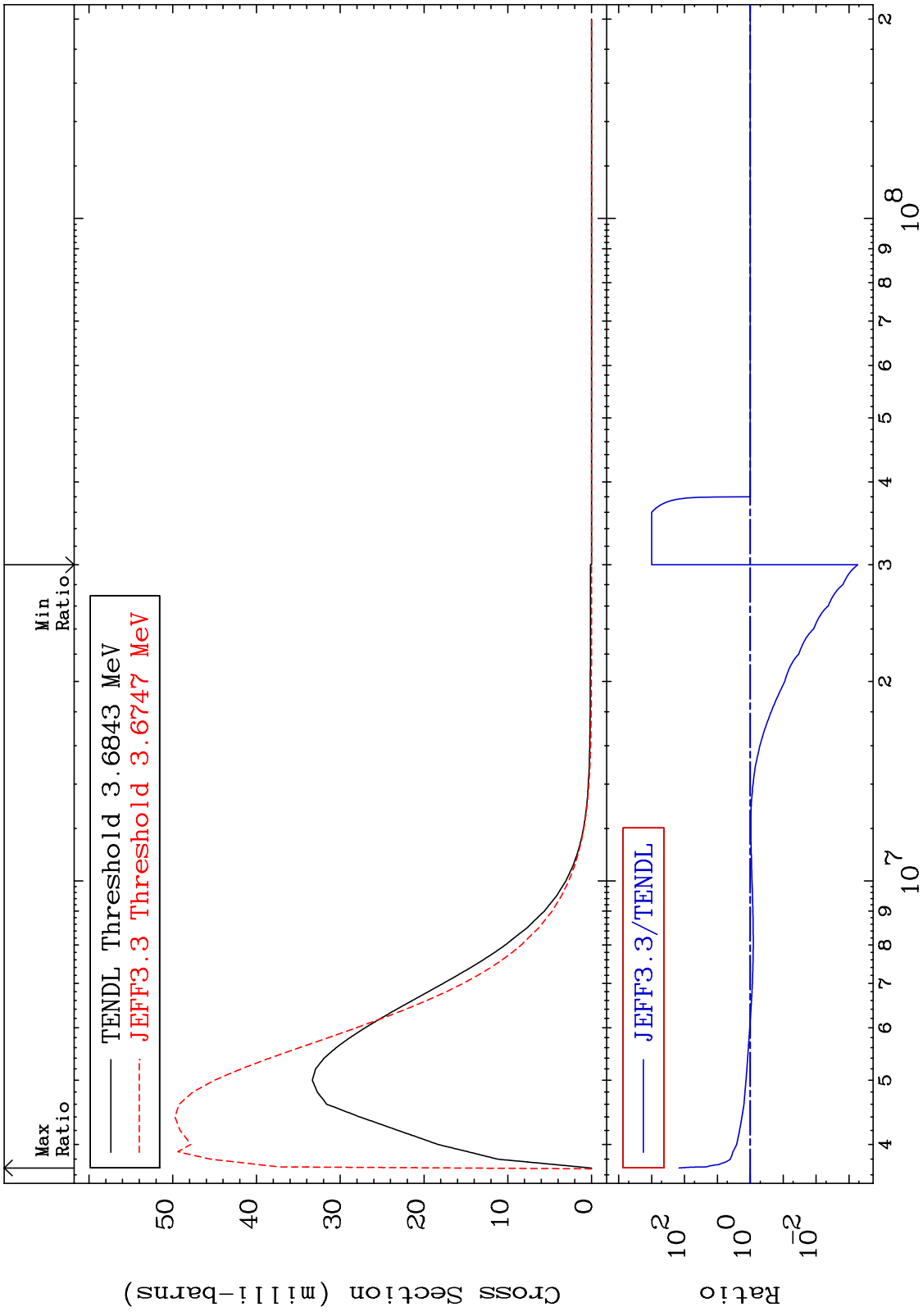


10 24-Cr-50

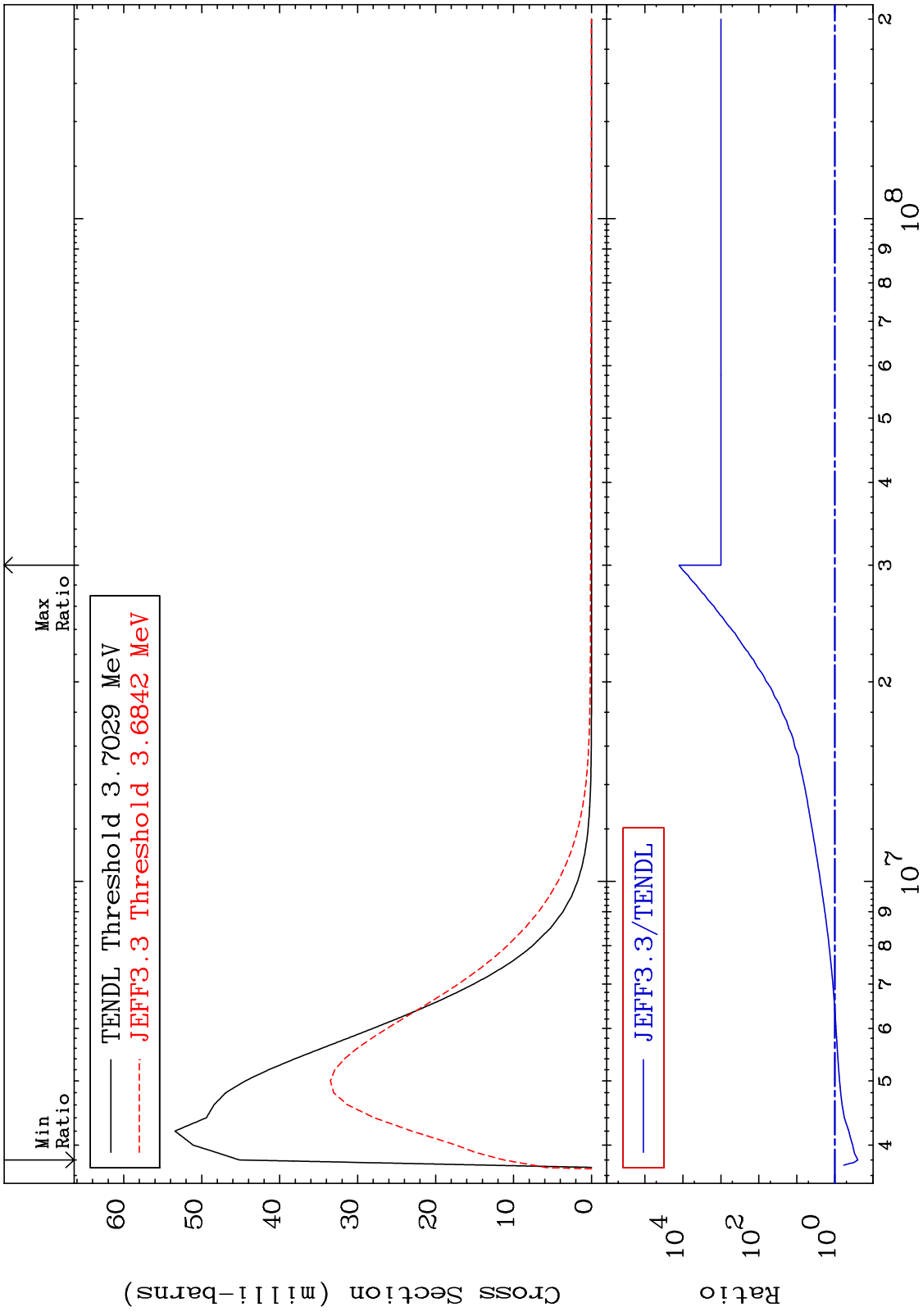
MAT 2425 MT= 57 (n,n') Level Cross Section -2.773 To 675.5 % 24-Cr-50



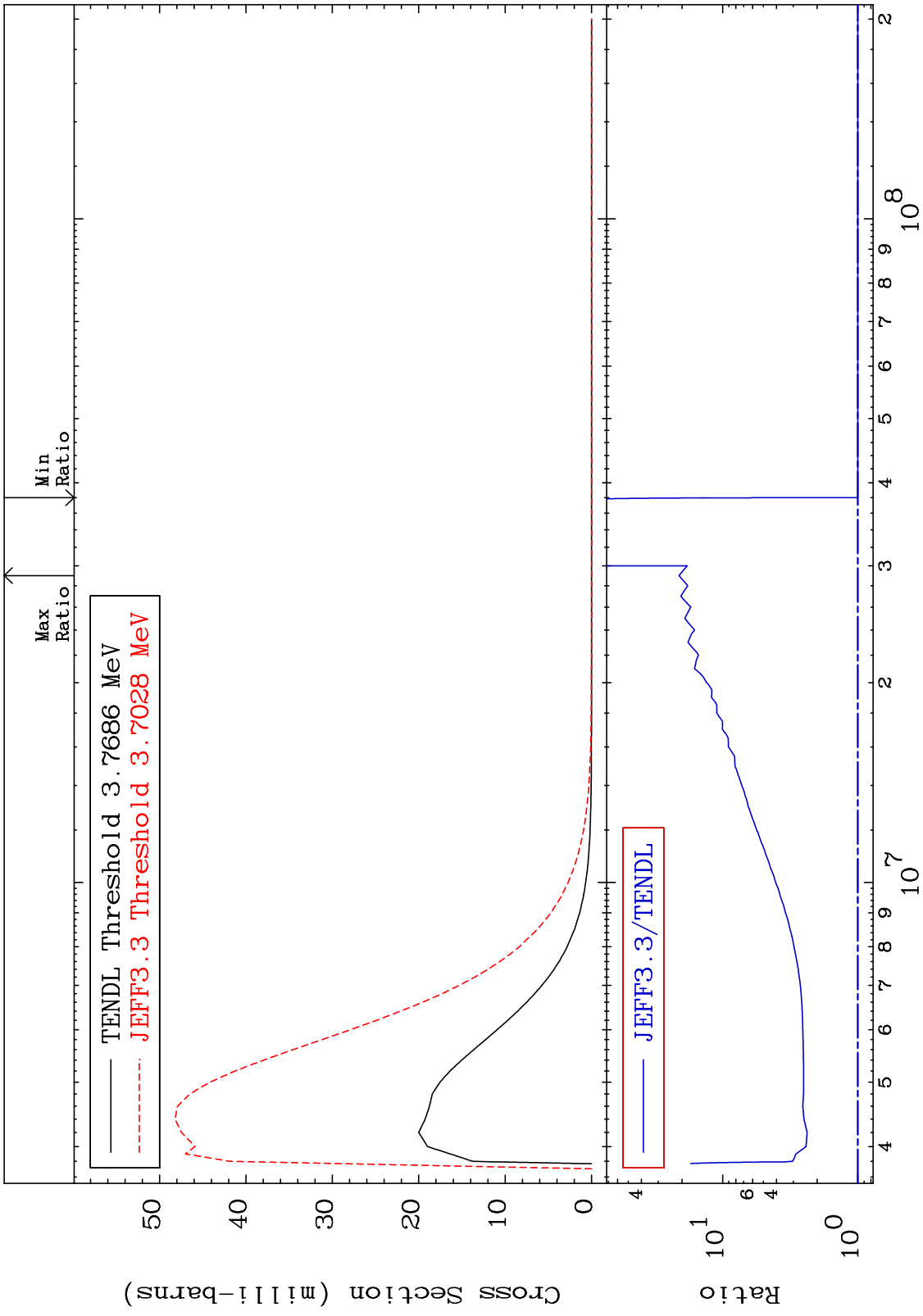
MAT 2425 MT= 58 (n,n') Level Cross Section -99.95 To 9999. % 24-Cr-50



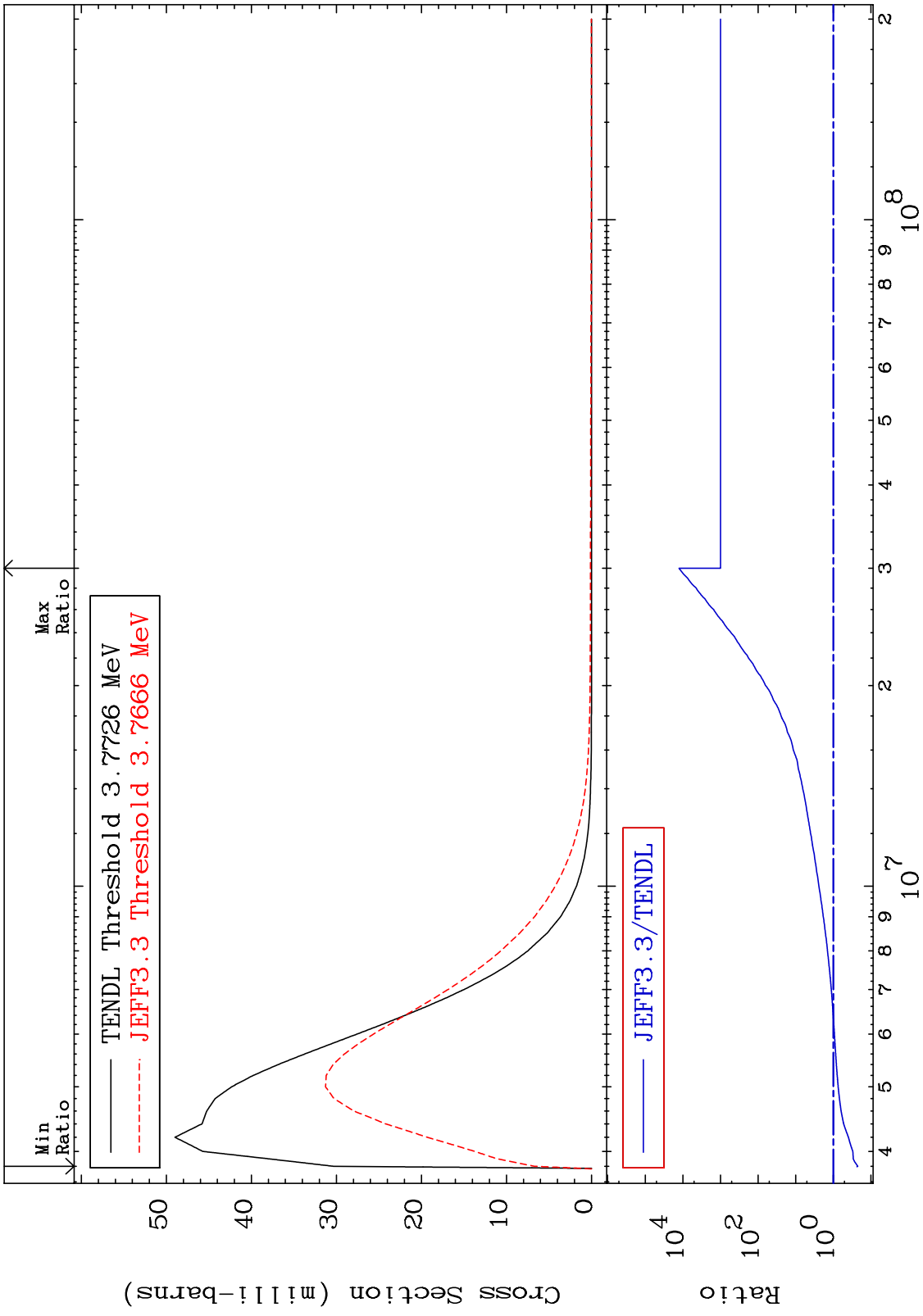
MAT 2425 MT= 59 (n,n') Level Cross Section 24-Cr-50
 -75.10 To 9999. %



MAT 2425 MT= 60 (n,n') Level Cross Section 0.000 To 2004. % 24-Cr-50



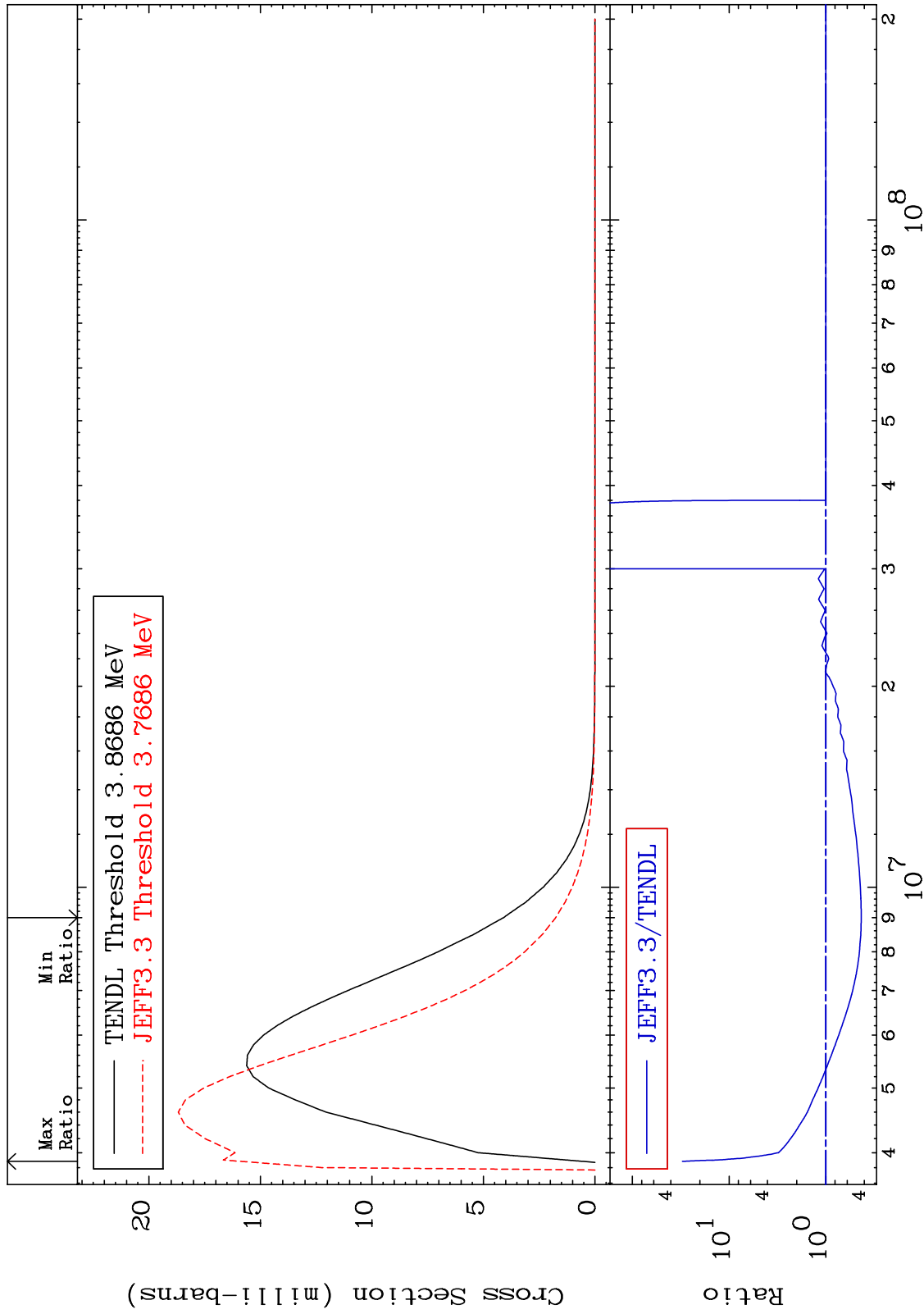
MAT 2425 MT= 61 (n,n') Level 24-Cr-50
 Cross Section -77.87 To 9999. %



MAT 2425

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

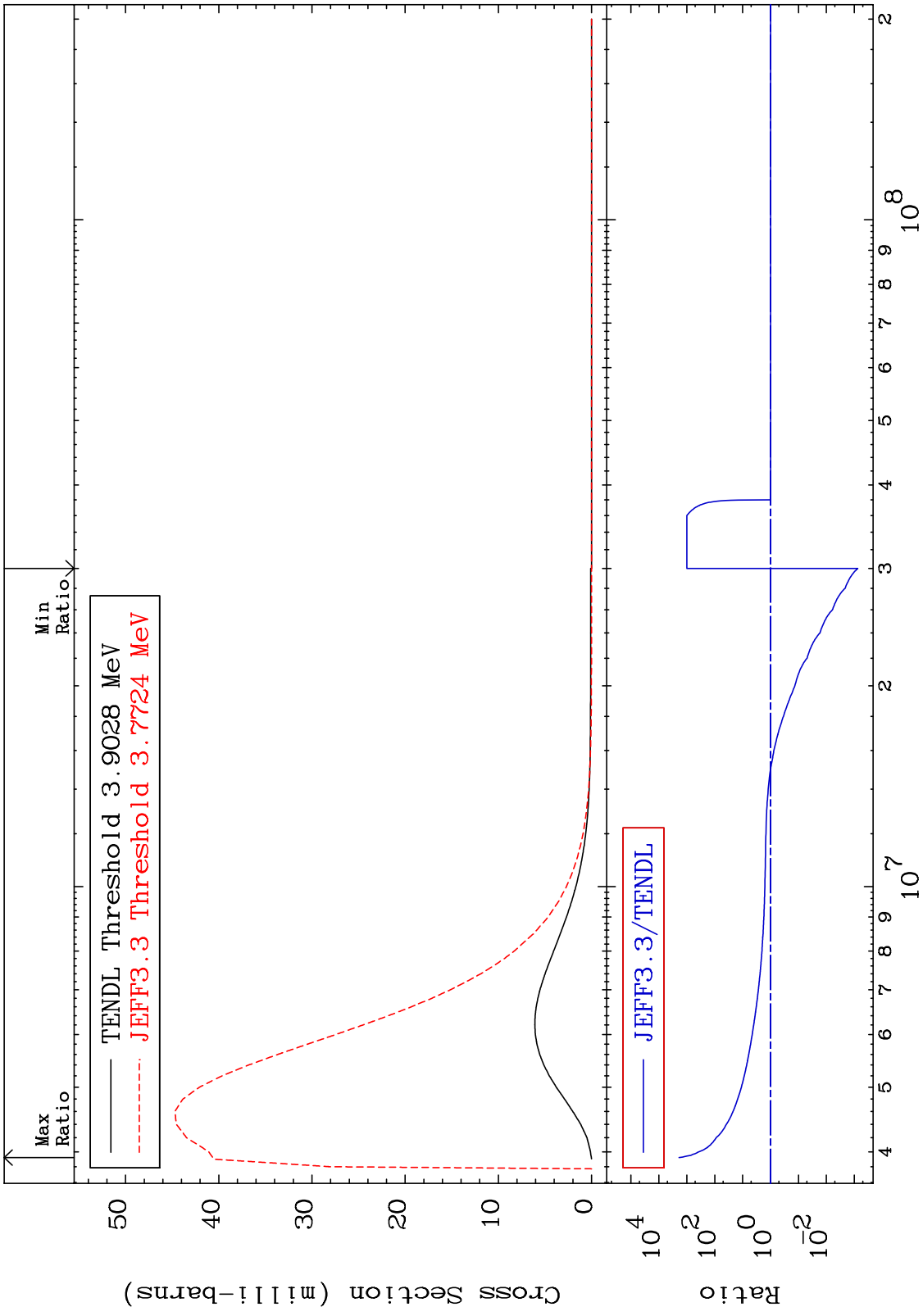
24-Cr-50
-57.11 To 2936. %



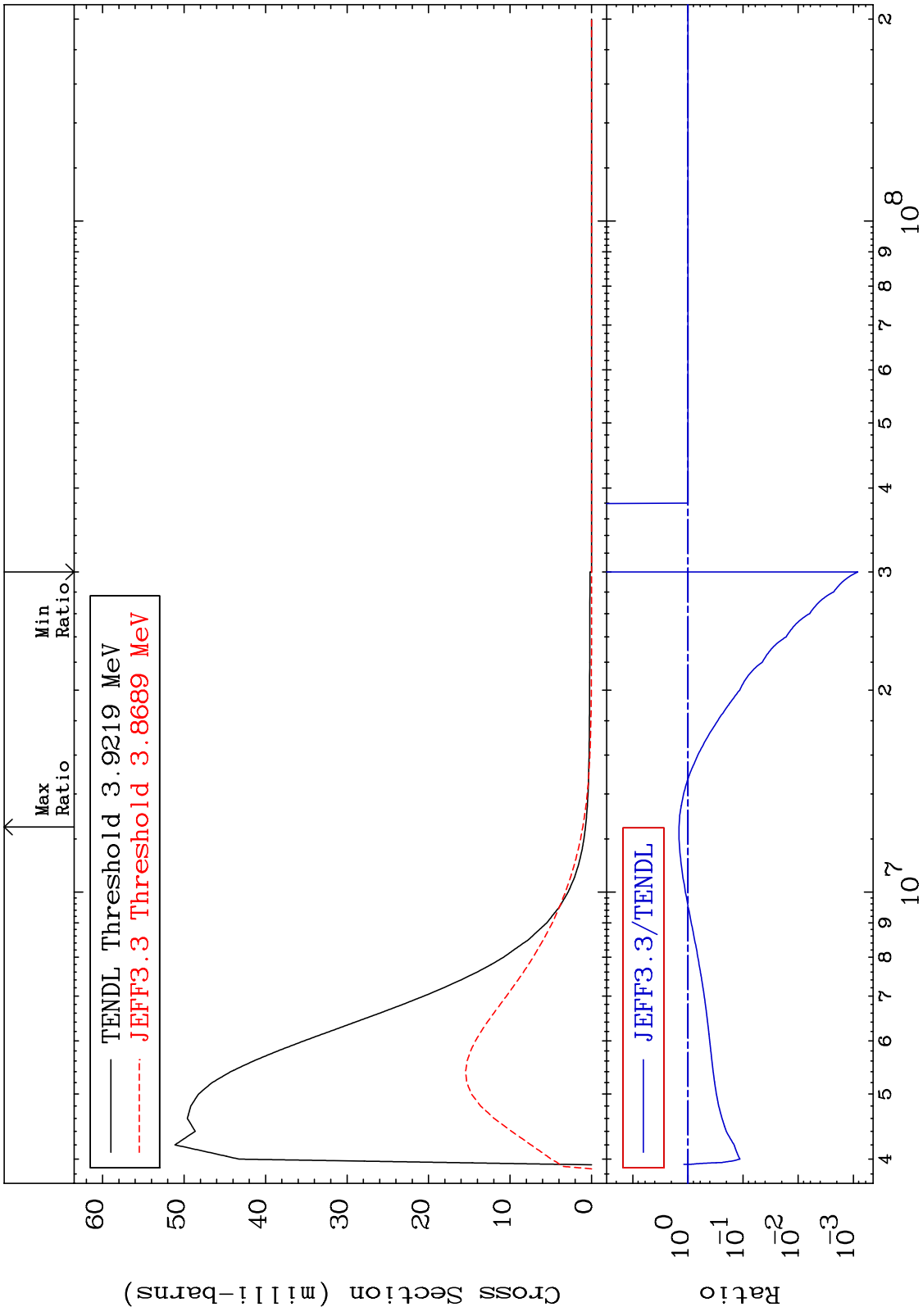
16

24-Cr-50

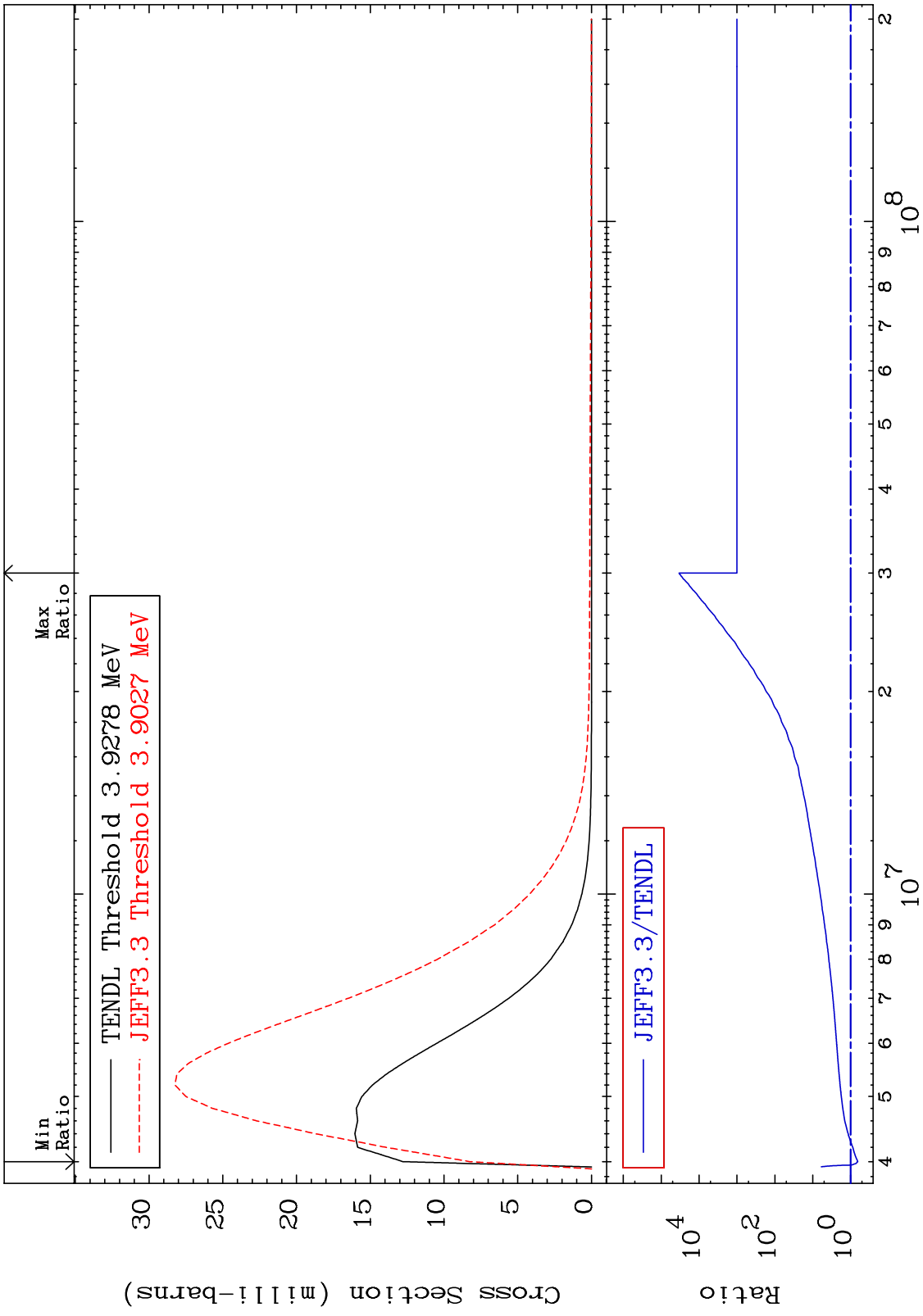
MAT 2425 MT= 63 (n,n') Level Cross Section 24-Cr-50
 -99.93 To 9999. %



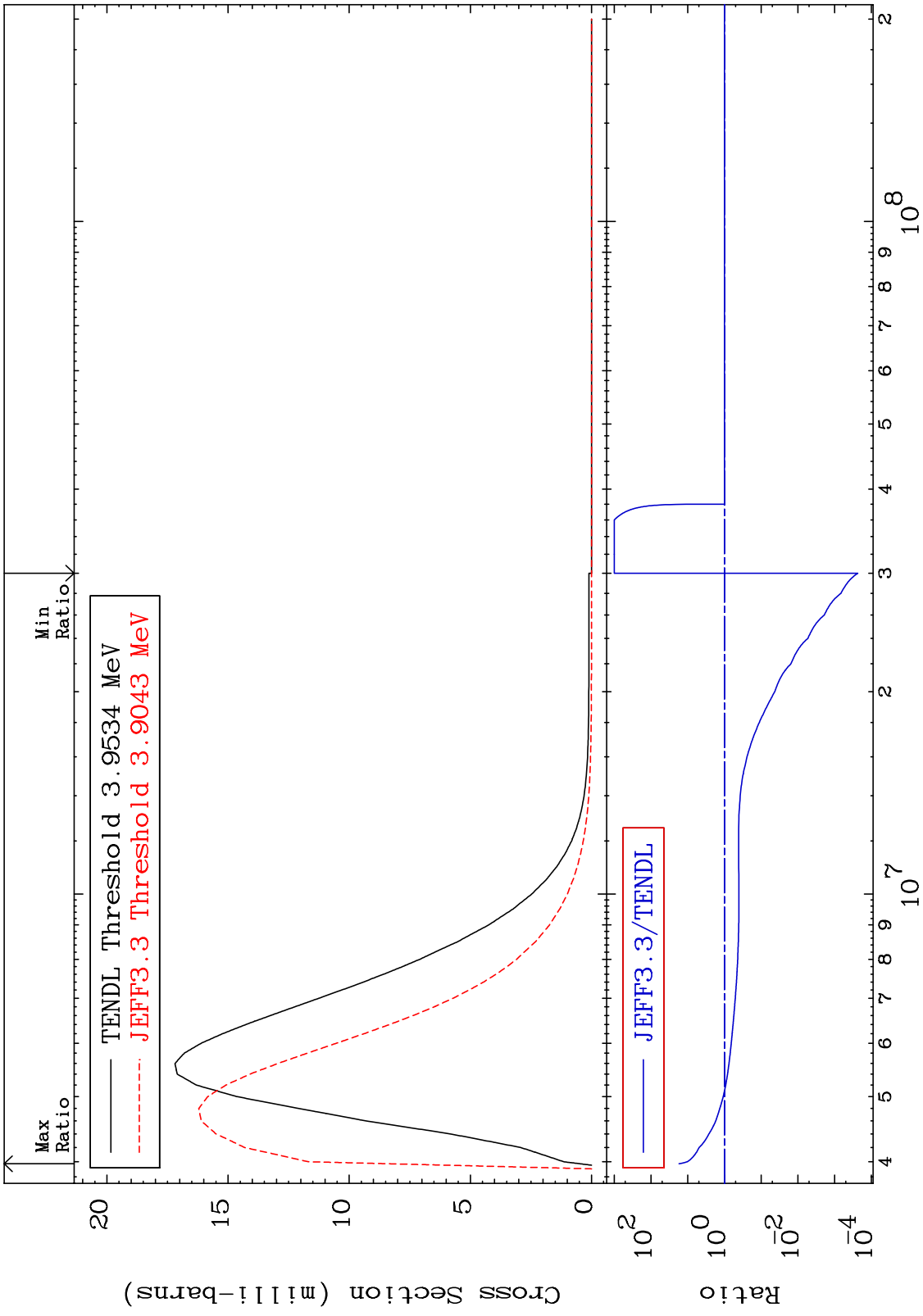
MAT 2425 MT= 64 (n,n') Level Cross Section -99.92 To 45.18 % 24-Cr-50



MAT 2425 MT= 65 (n,n') Level Cross Section 24-Cr-50
 -35.41 To 9999. %



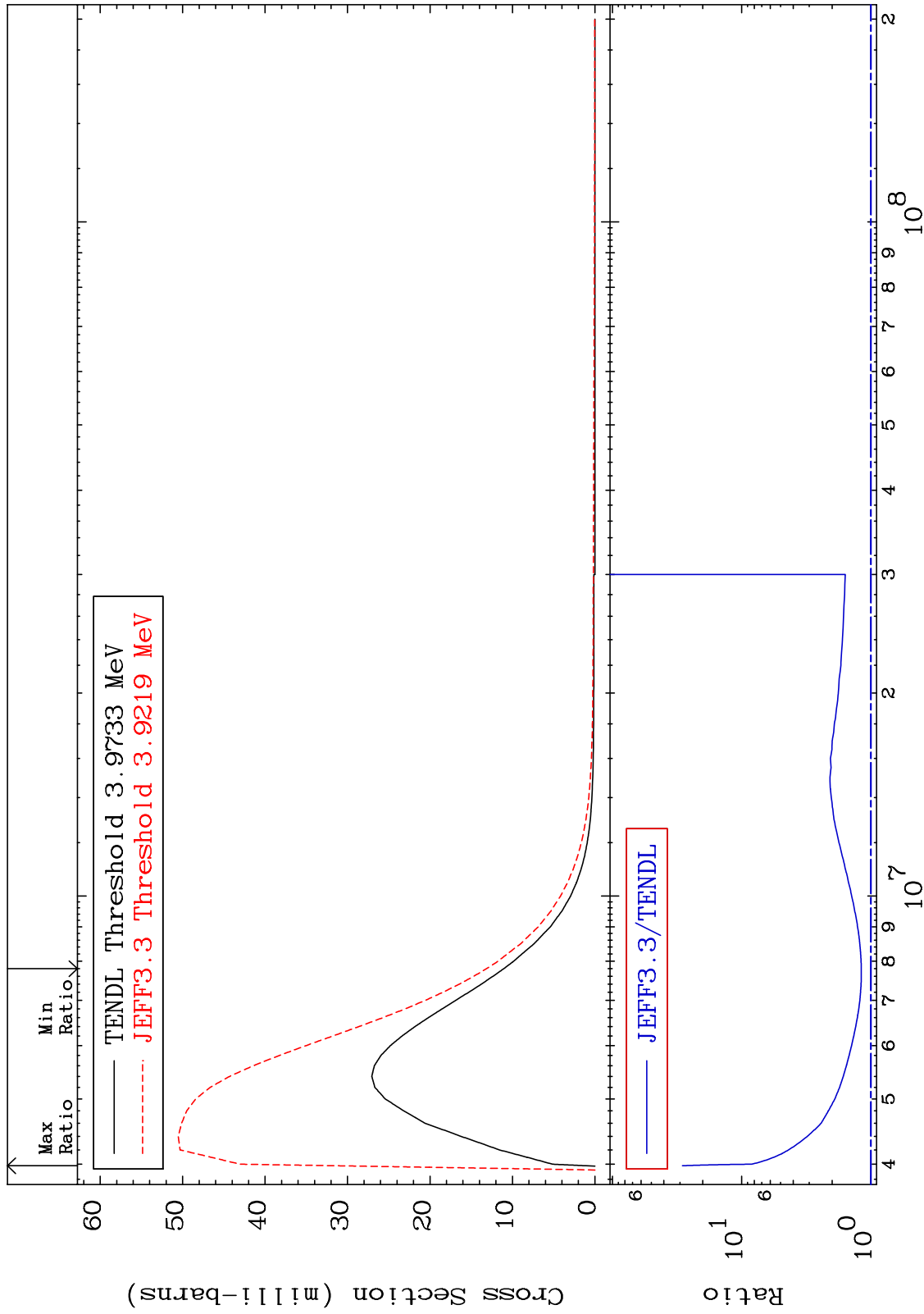
MAT 2425 MT= 66 (n,n') Level Cross Section 24-Cr-50
 -99.98 To 1623. %



MAT 2425

MT= 67 (n,n') Level
Cross Section

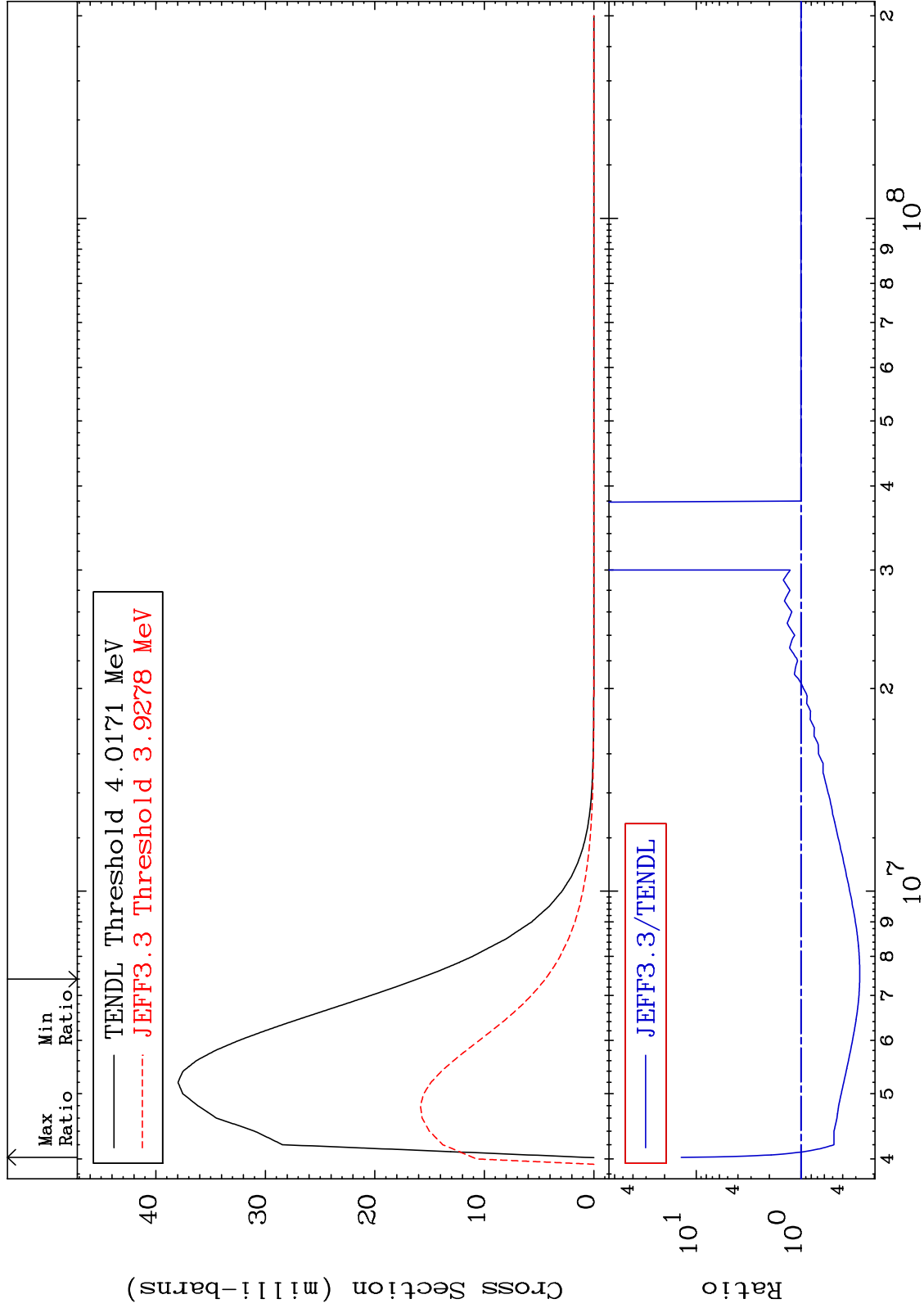
24-Cr-50
18.82 To 2773. %



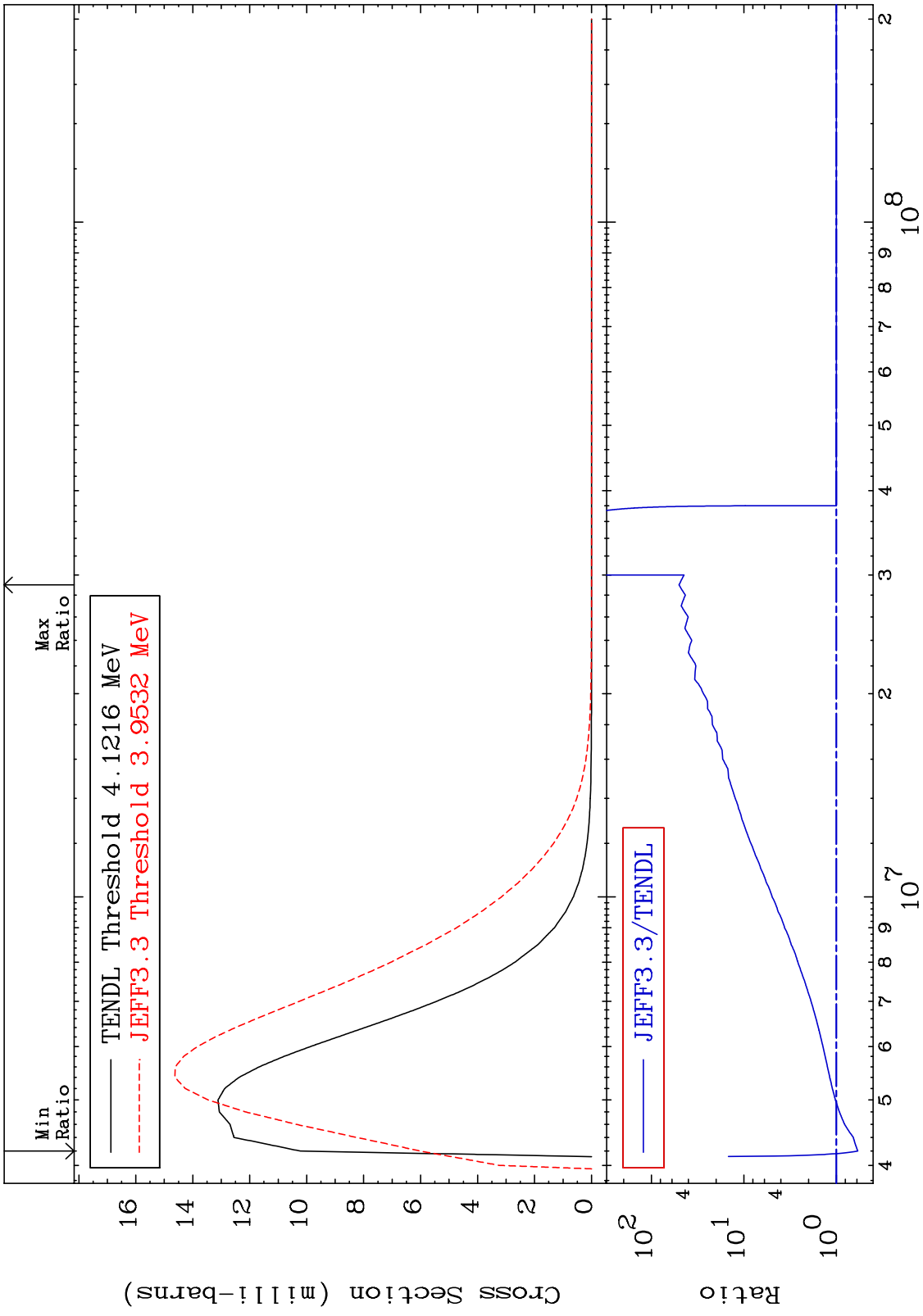
MAT 2425

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

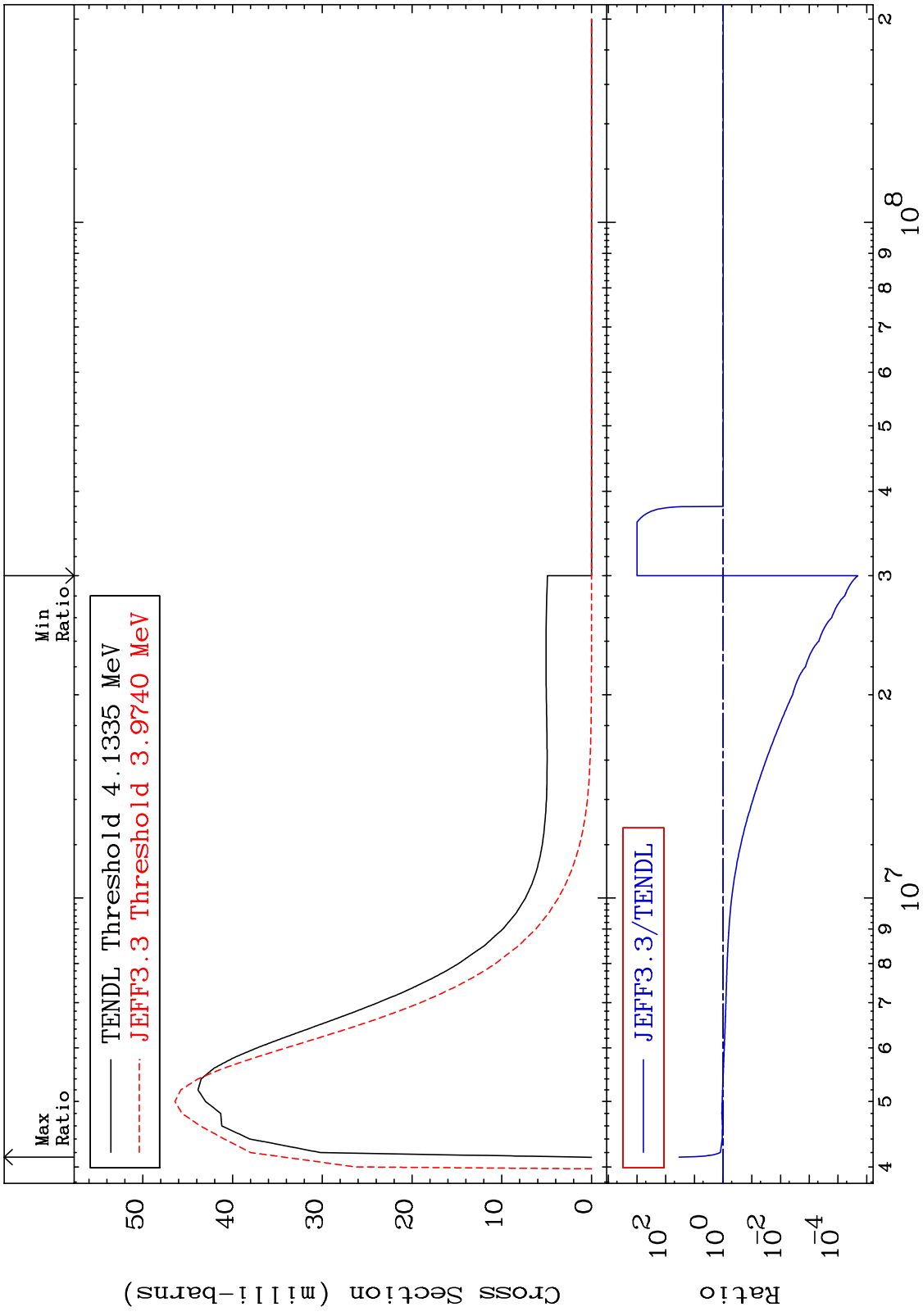
24-Cr-50
-72.45 To 1286. %



MAT 2425 MT= 69 (n,n') Level 24-Cr-50
 Cross Section -41.27 To 4940. %

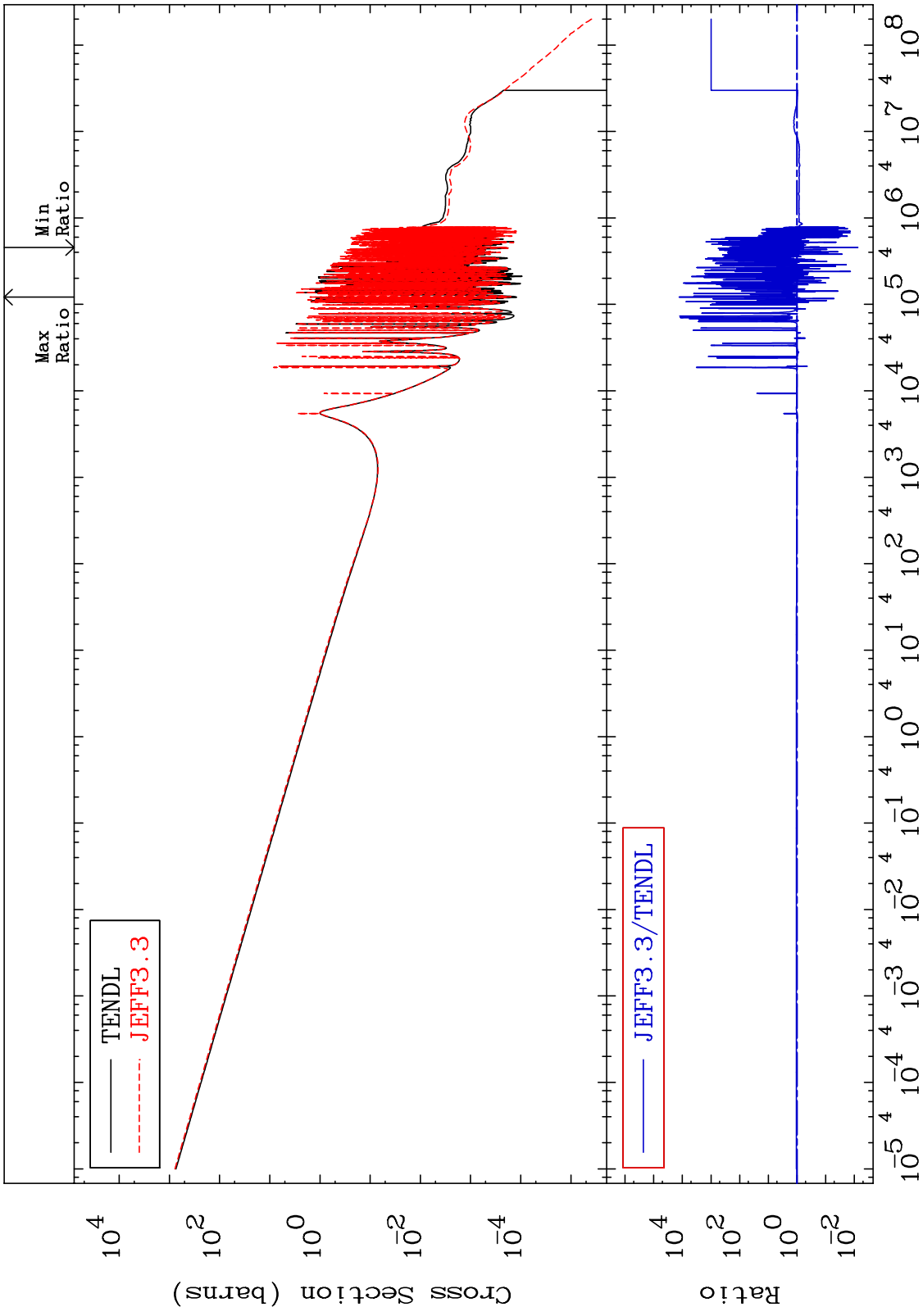


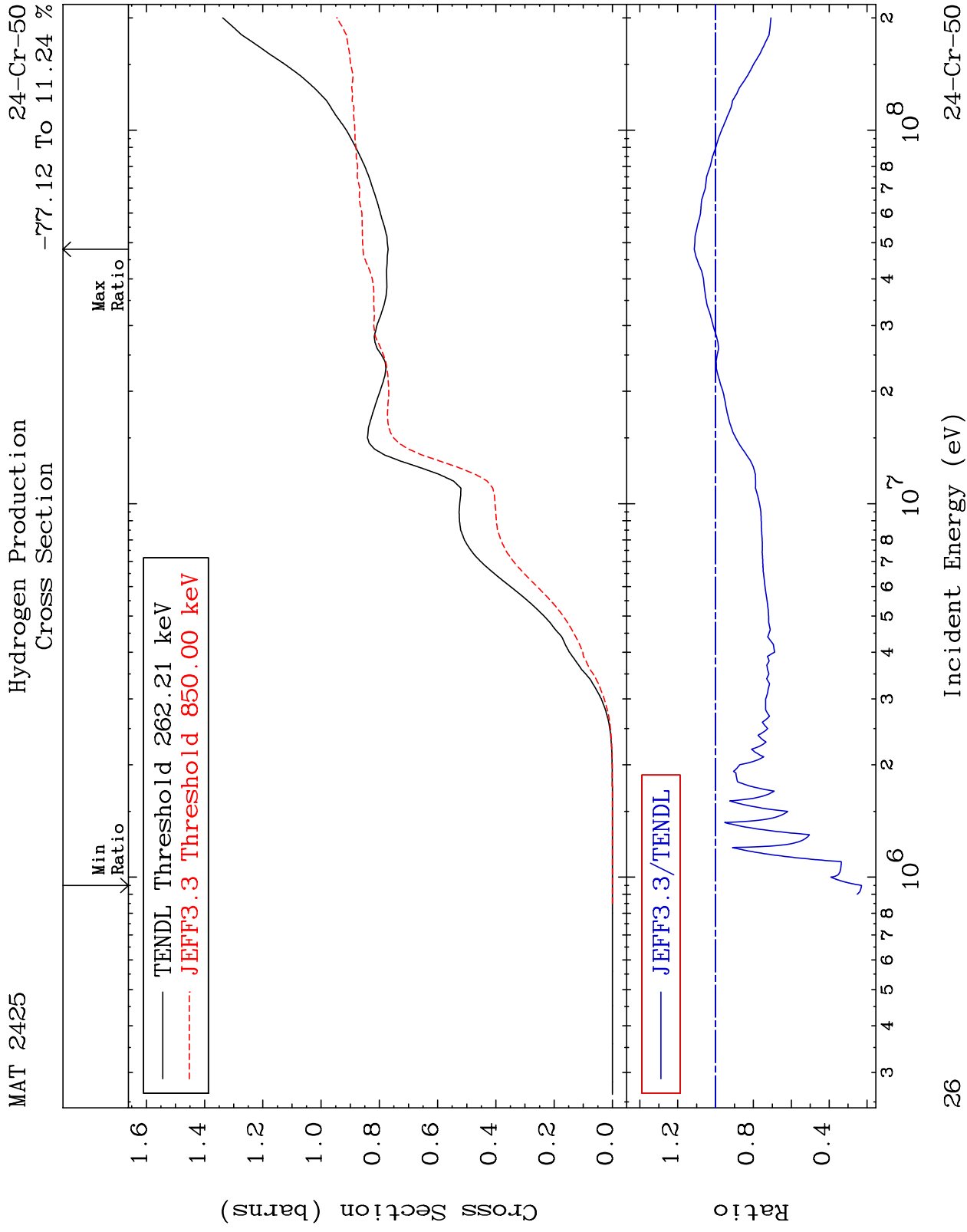
MAT 2425 MT= 70 (n,n') Level 24-Cr-50
 Cross Section -100.0 To 3331. %



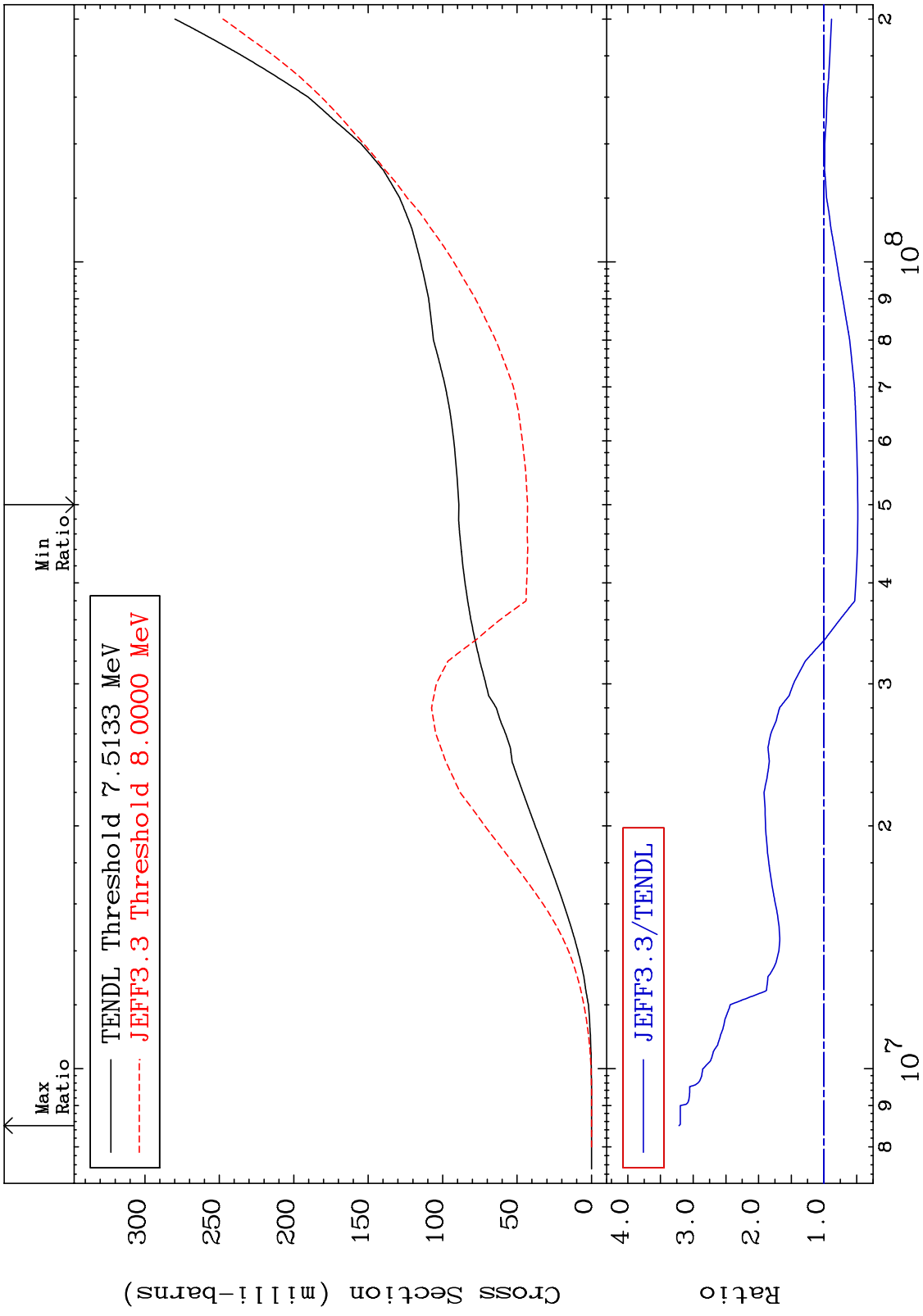
24 24-Cr-50

MAT 2425 (n, γ) Cross Section 24-Cr-50 -99.25 To 9999. %

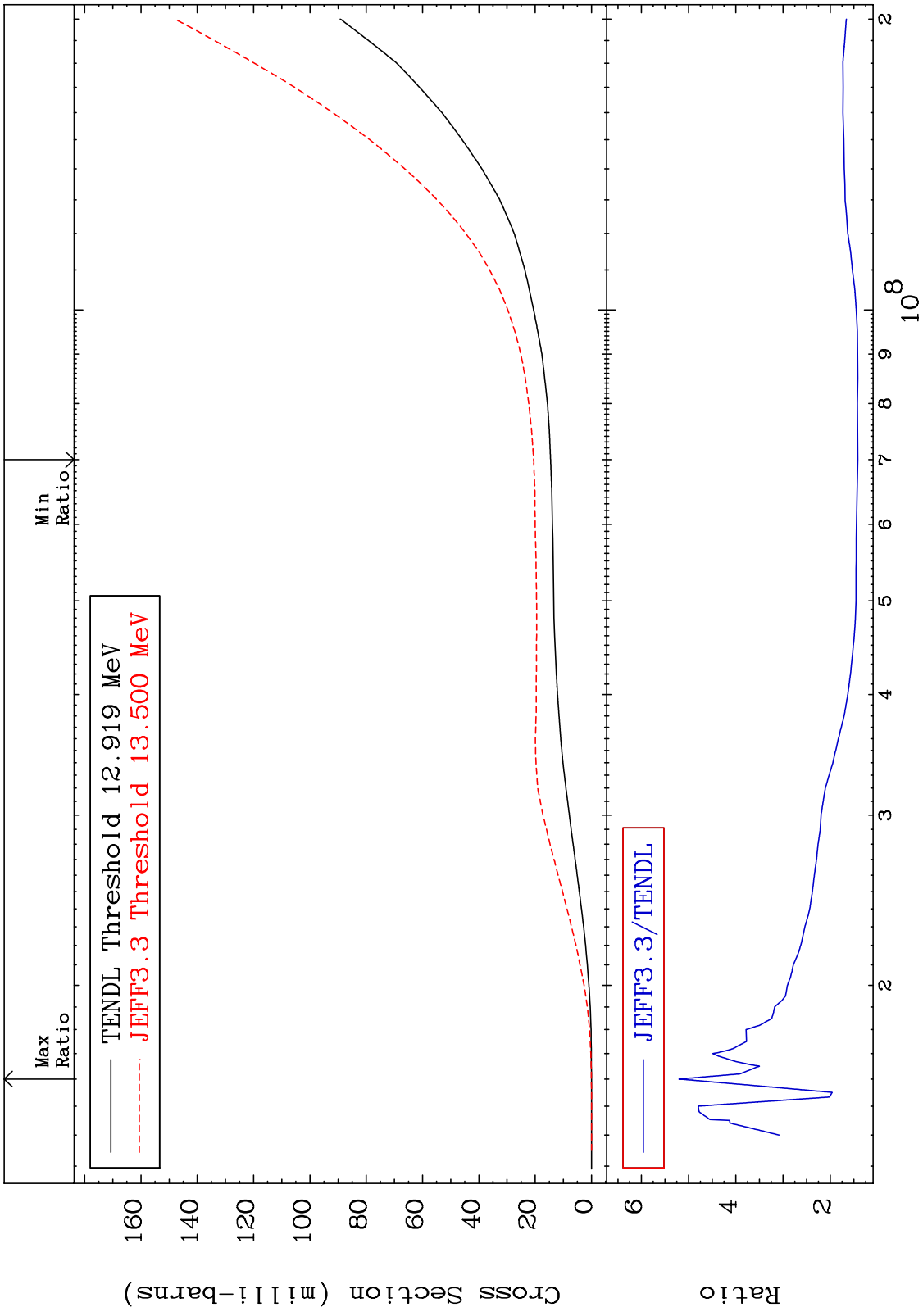




MAT 2425 Deuterium Production Cross Section 24-Cr-50 -51.80 To 221.6 %



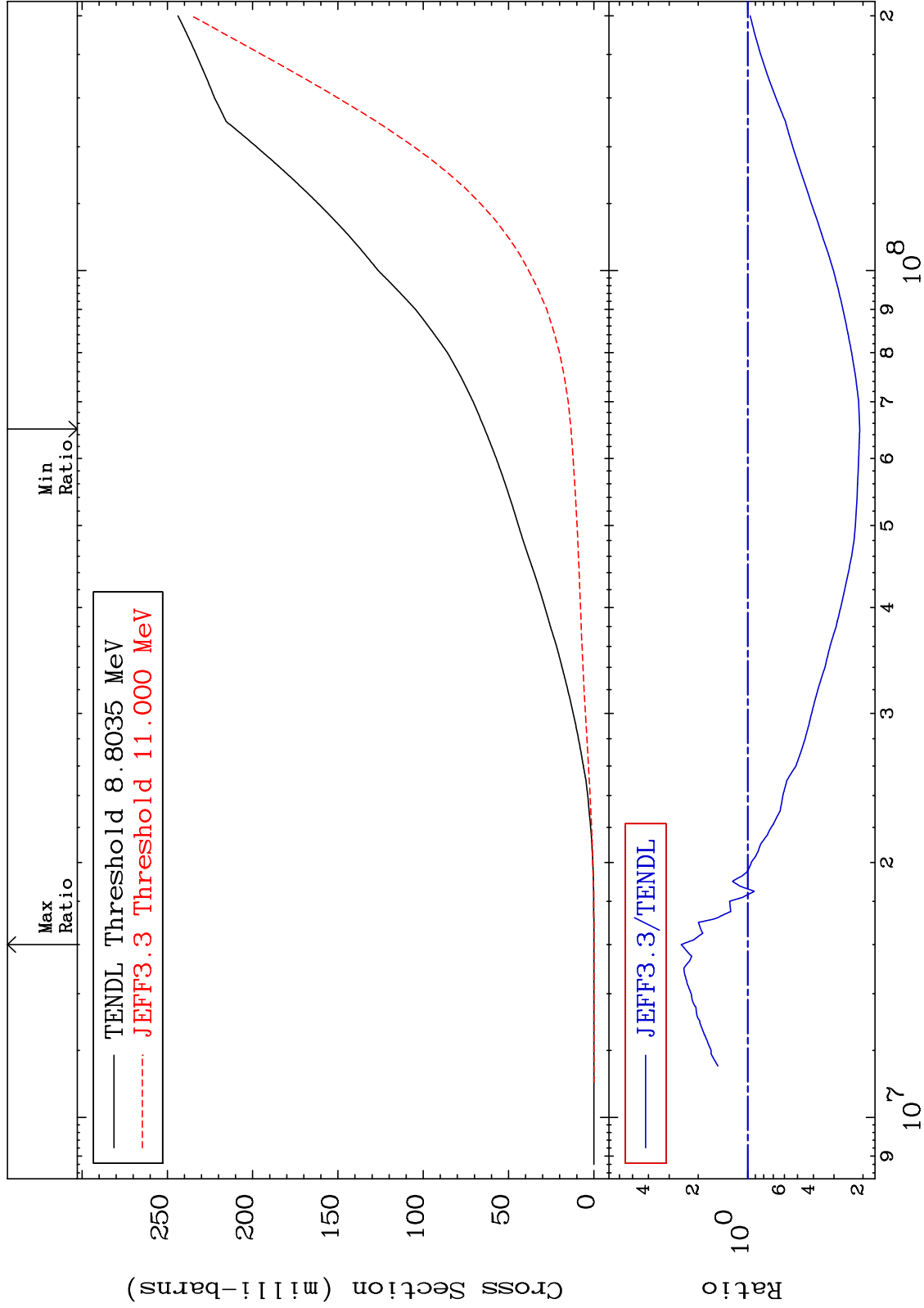
MAT 2425 Tritium Production Cross Section 24-Cr-50 41.37 To 420.4 %



MAT 2425

He-3 Production
Cross Section

24-Cr-50
-79.06 To 153.1 %

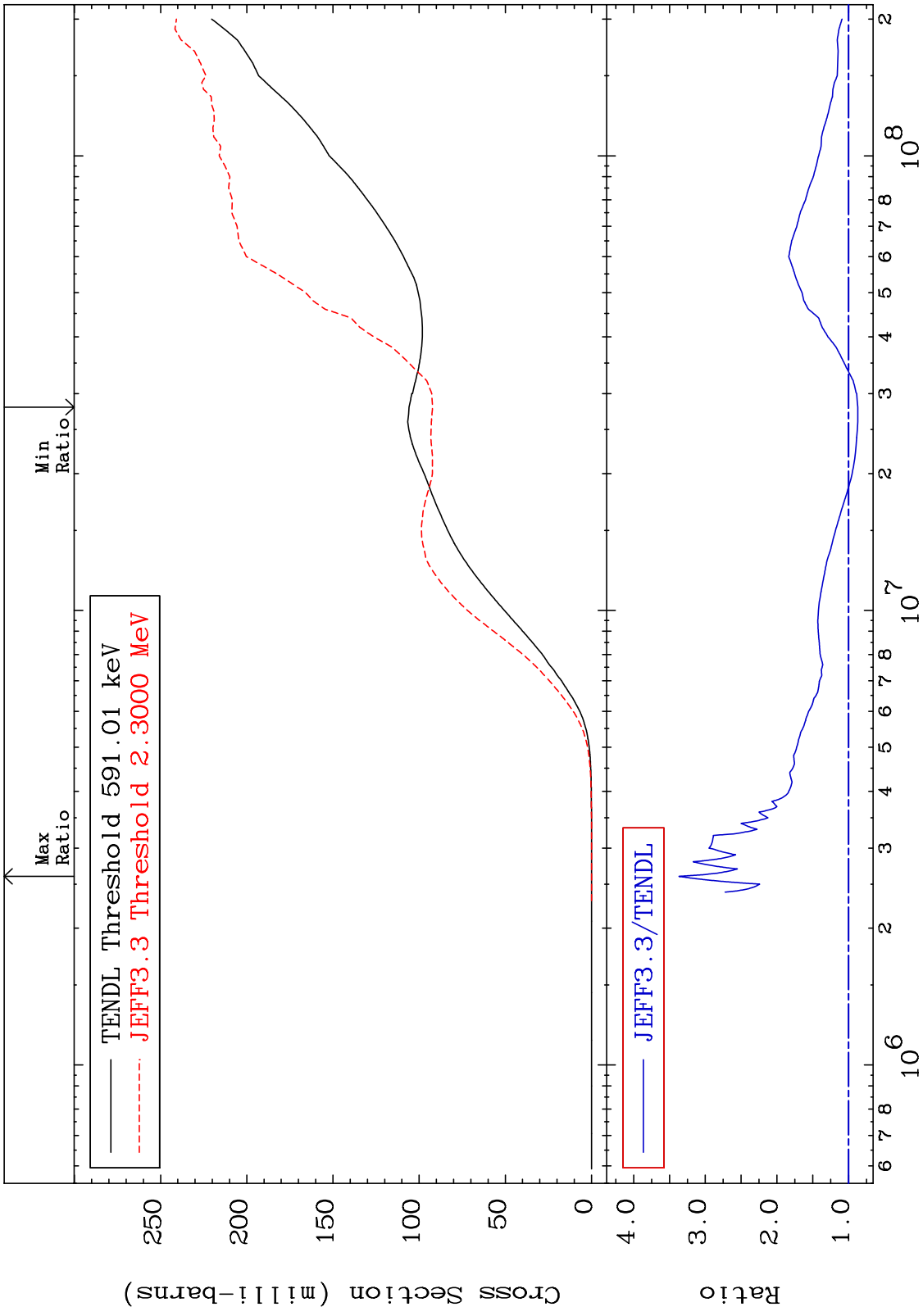


29

Incident Energy (eV)

24-Cr-50

MAT 2425 He-4 Production Cross Section -12.86 To 236.6 % 24-Cr-50

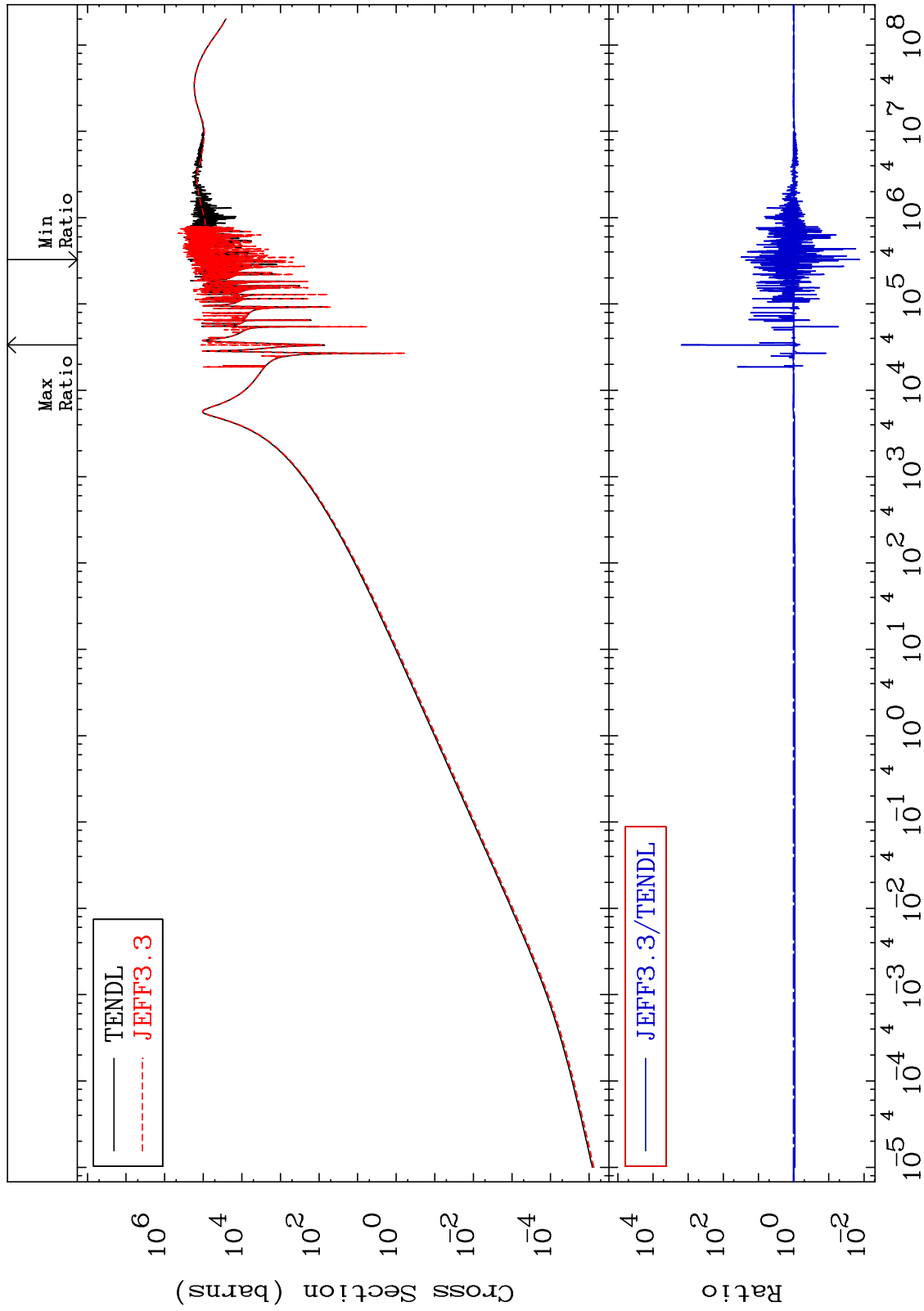


30 24-Cr-50

MAT 2425

Kerma elastic
Cross Section

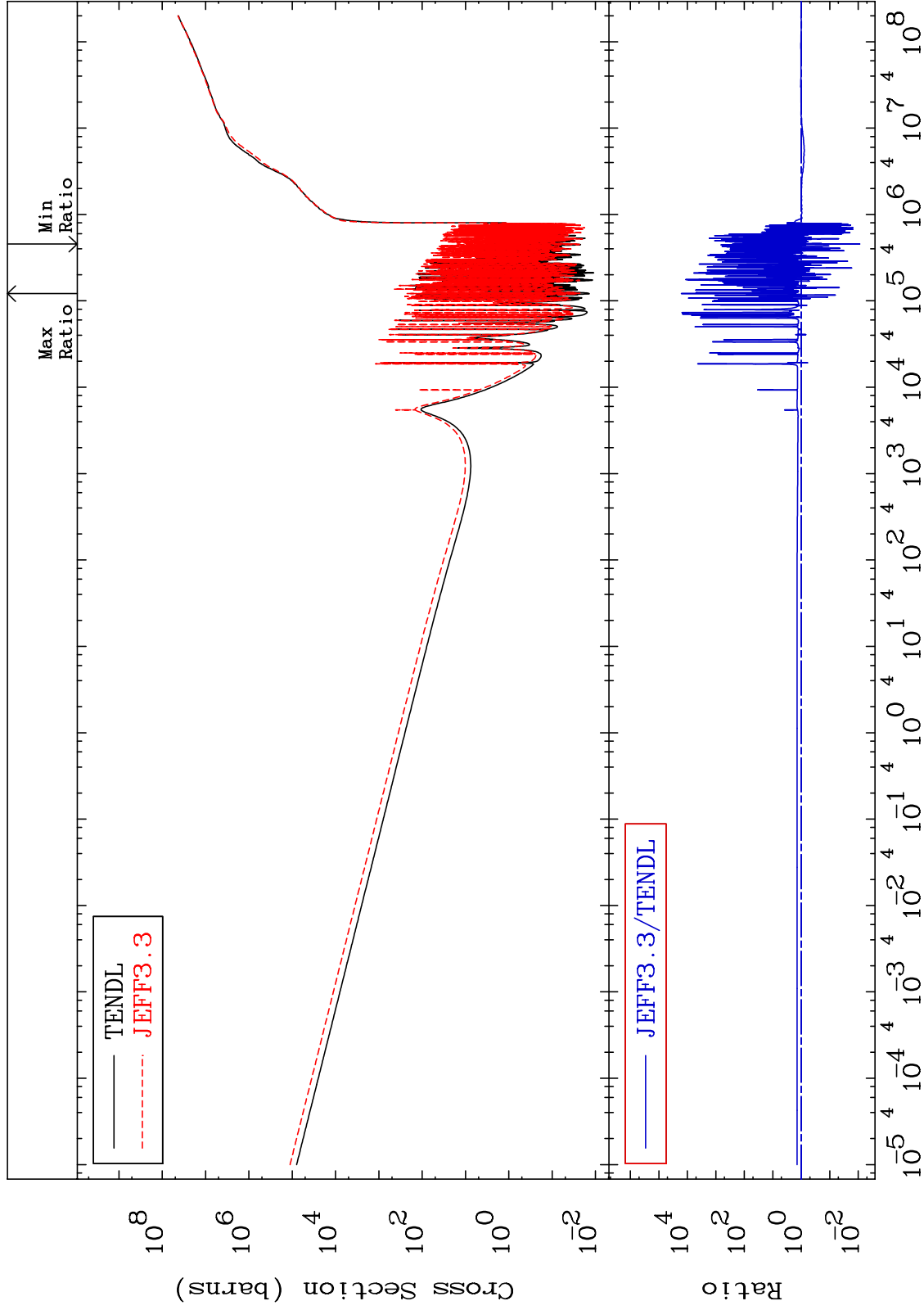
24-Cr-50
-98.68 To 9999. %



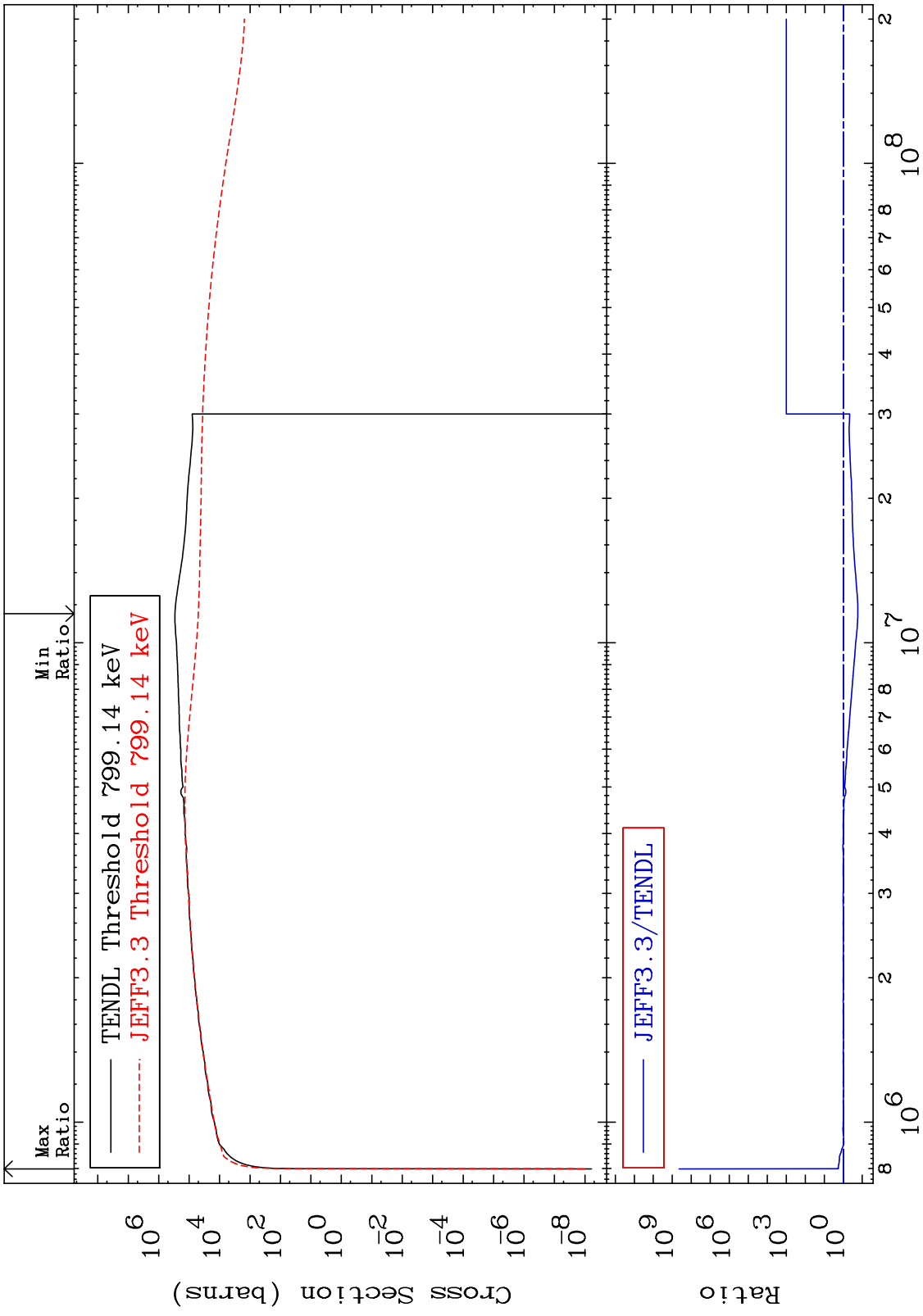
MAT 2425

Kerma non-elastic (all but mt2)
Cross Section

24-Cr-50
-99.11 To 9999. %



MAT 2425 Kerma inelastic (mt51-91) 24-Cr-50
 -82.92 To 9999. %
 Cross Section

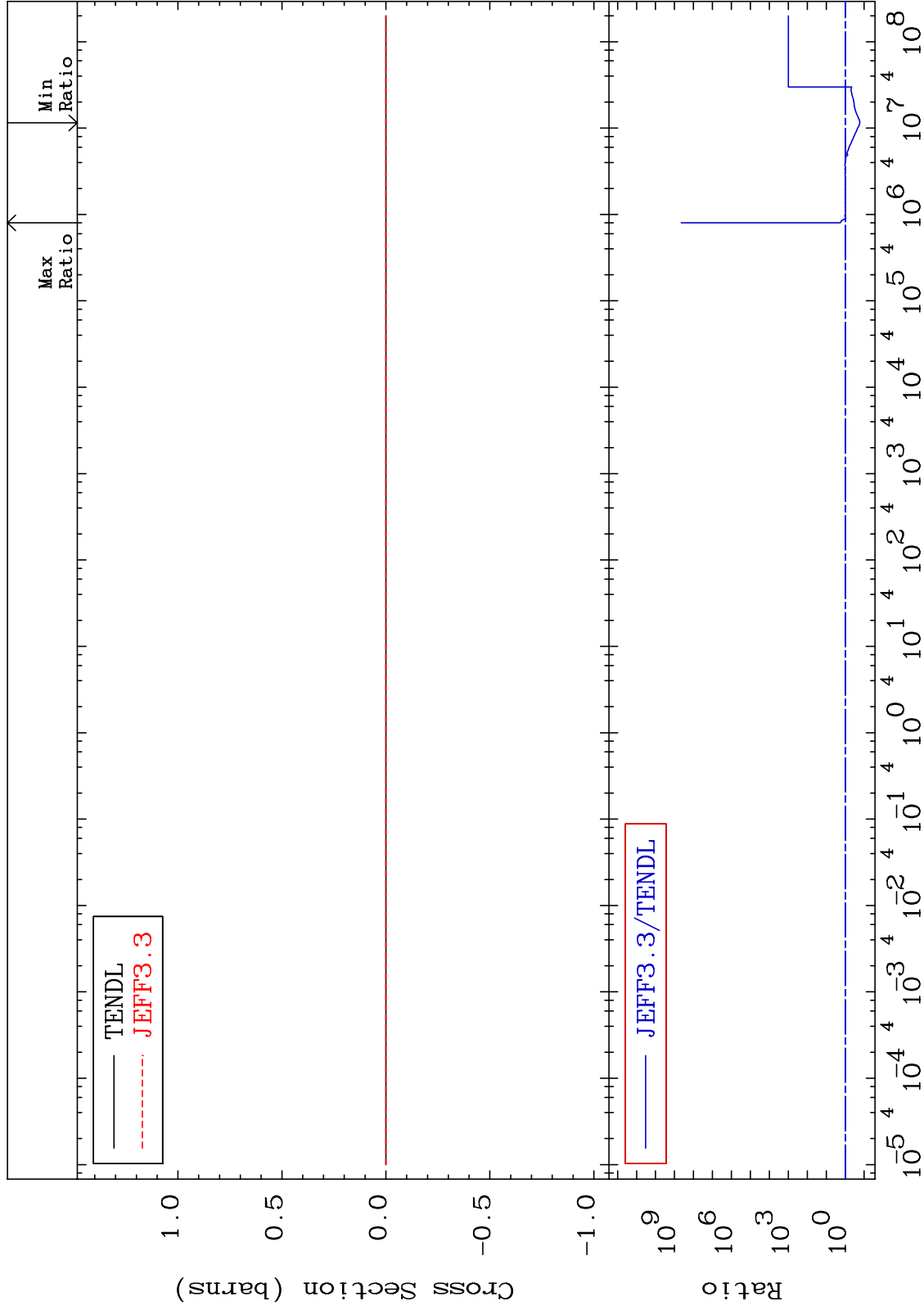


34 Incident Energy (eV) 24-Cr-50

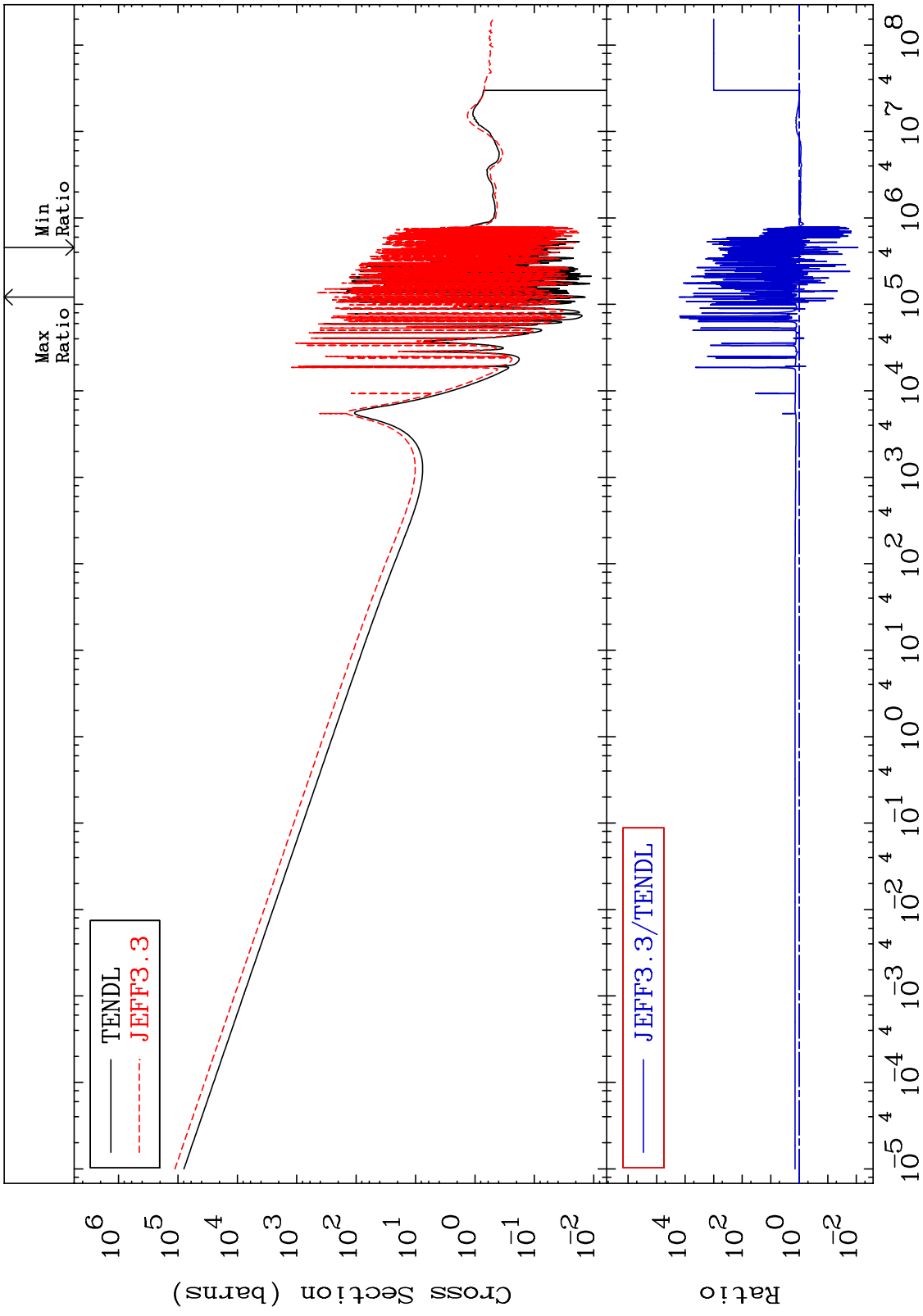
MAT 2425

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

24-Cr-50
-82.92 To 9999. %



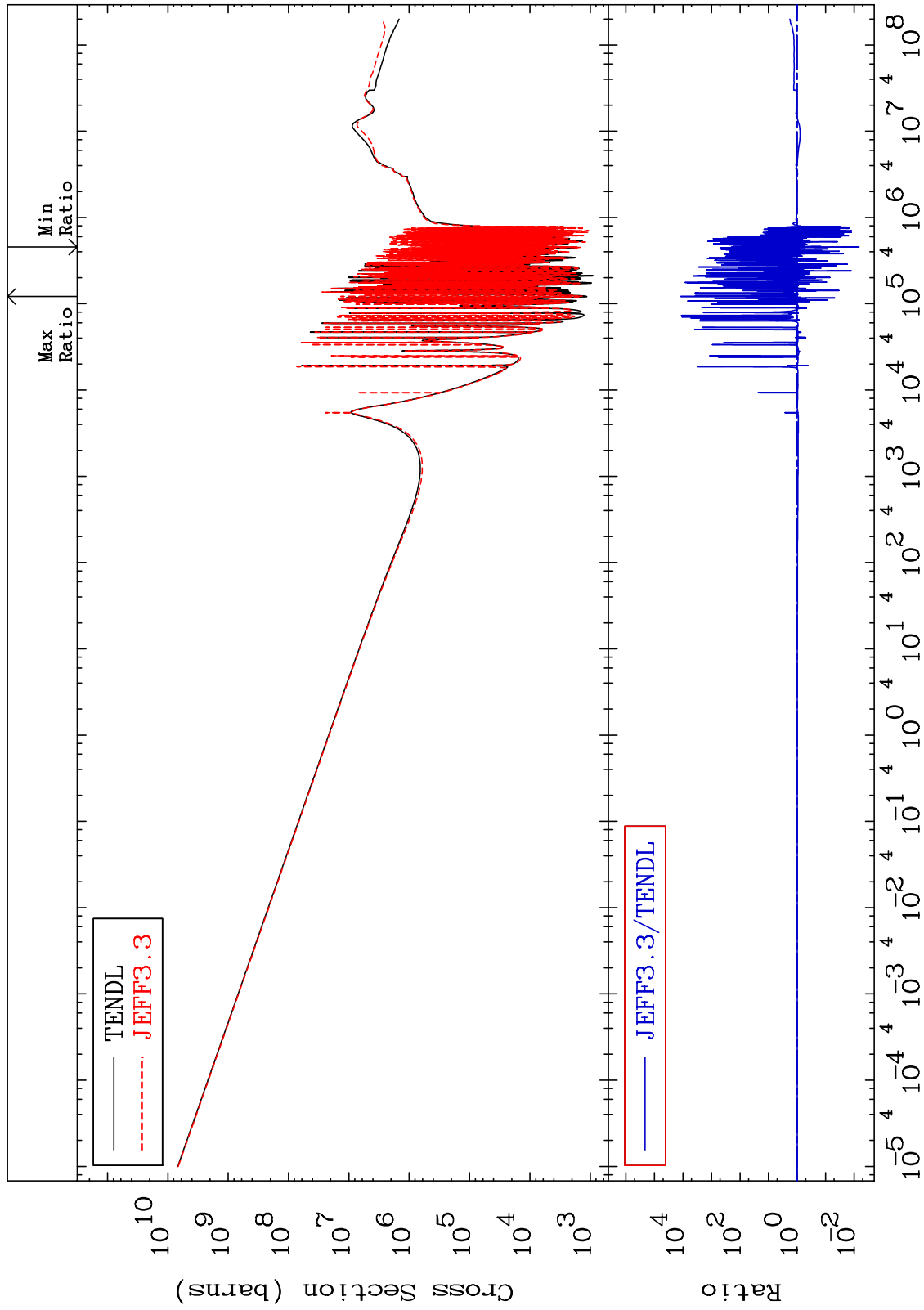
MAT 2425 Kerma capture (mt102) 24-Cr-50
 Cross Section -99.11 To 9999. %



MAT 2425

Total photon (eV-barns)
Cross Section

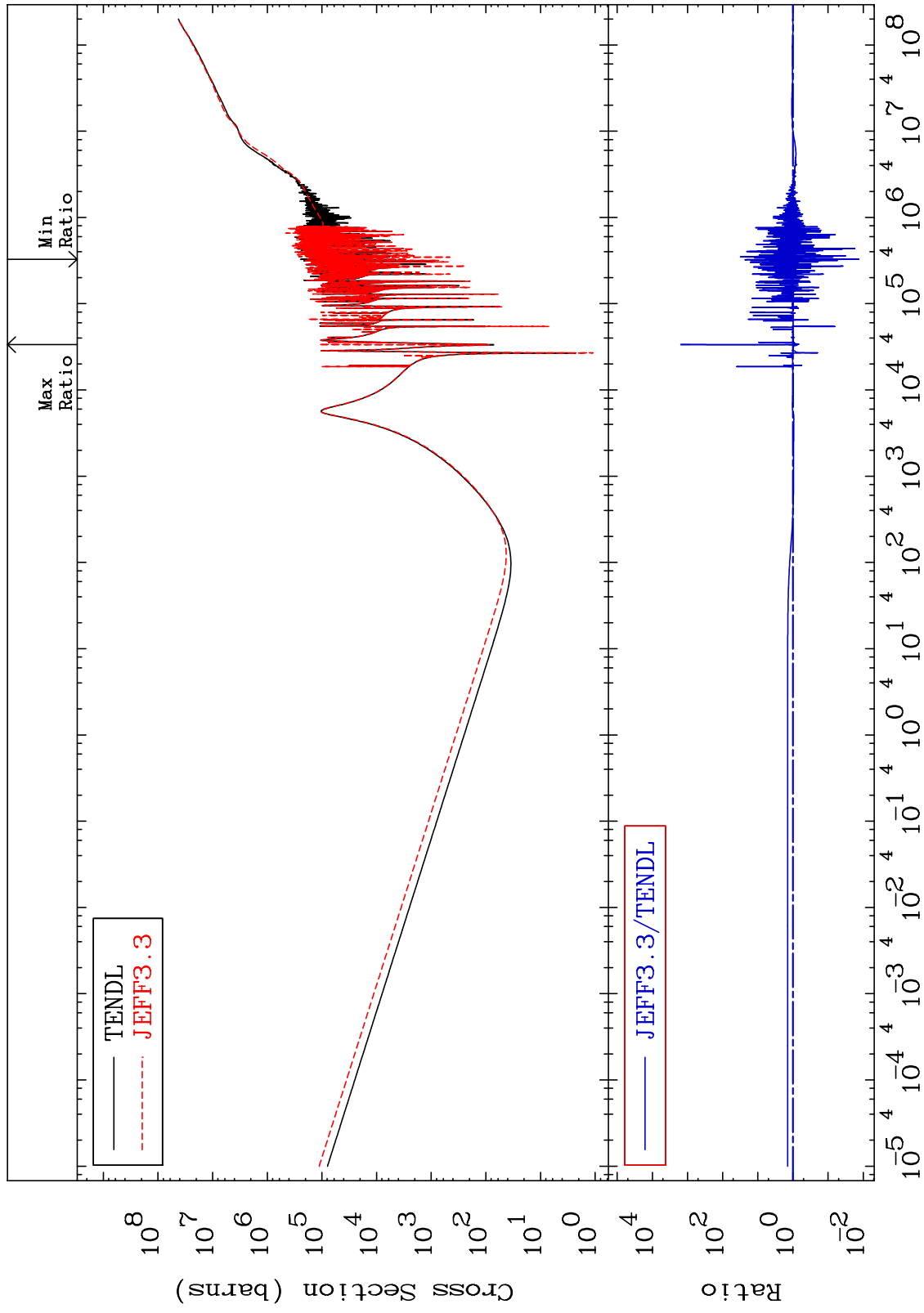
24-Cr-50
-99.33 To 9999. %



MAT 2425

Total kinematic kerma (high limit)
Cross Section

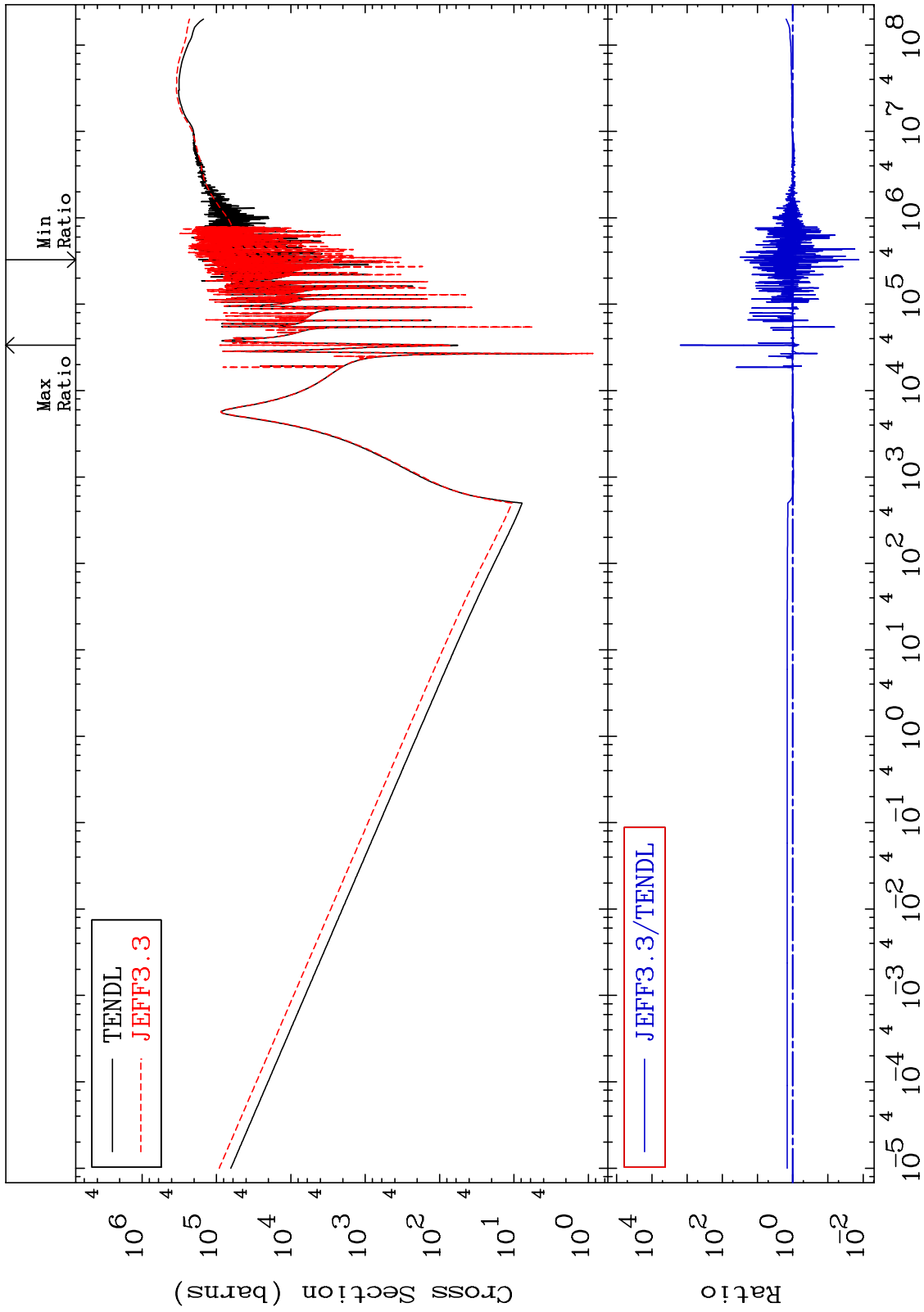
24-Cr-50
-98.68 To 9999. %



MAT 2425

Dpa total (eV-barns)
Cross Section

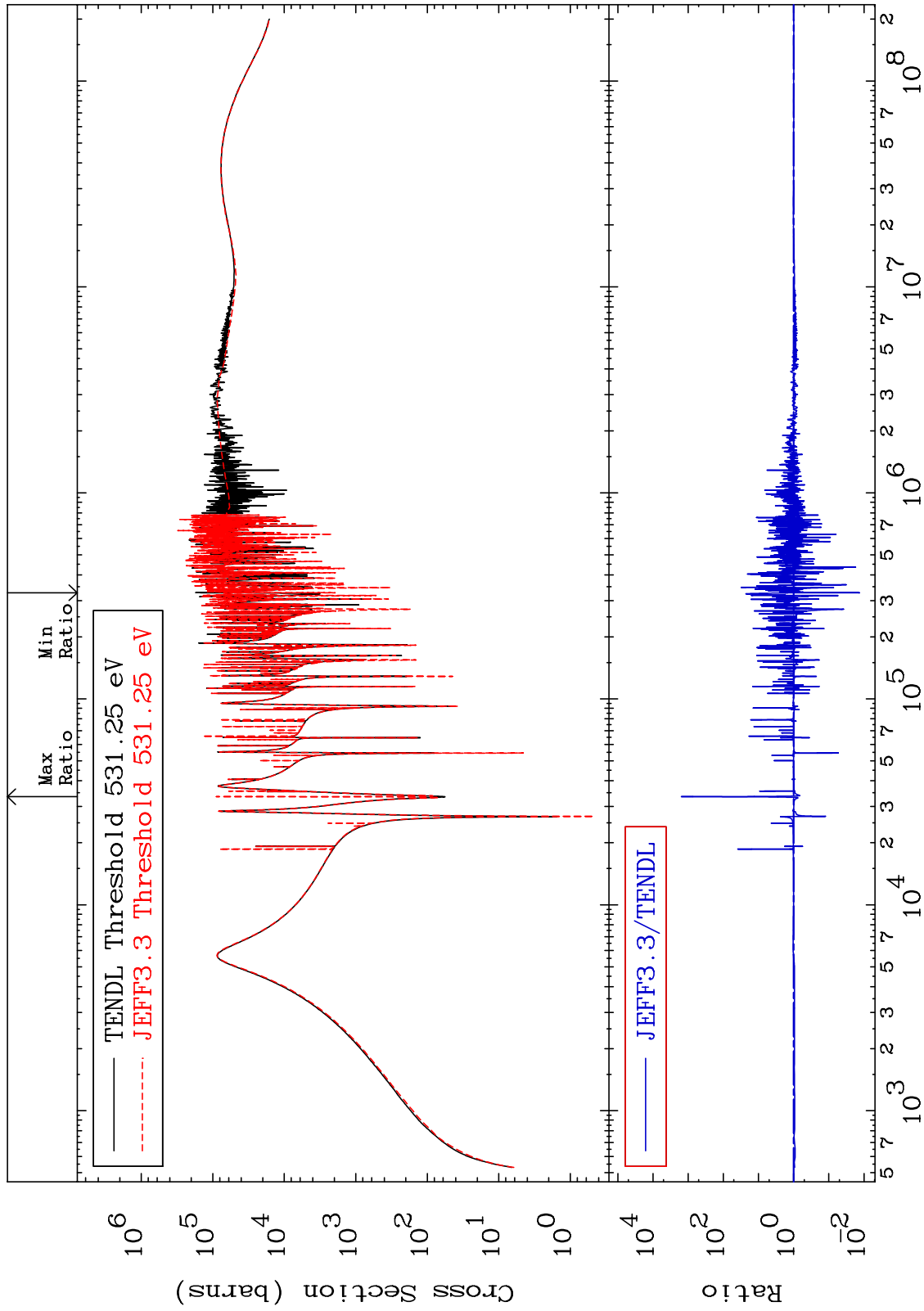
24-Cr-50
-98.68 To 9999. %



MAT 2425

Dpa elastic (mt2)
Cross Section

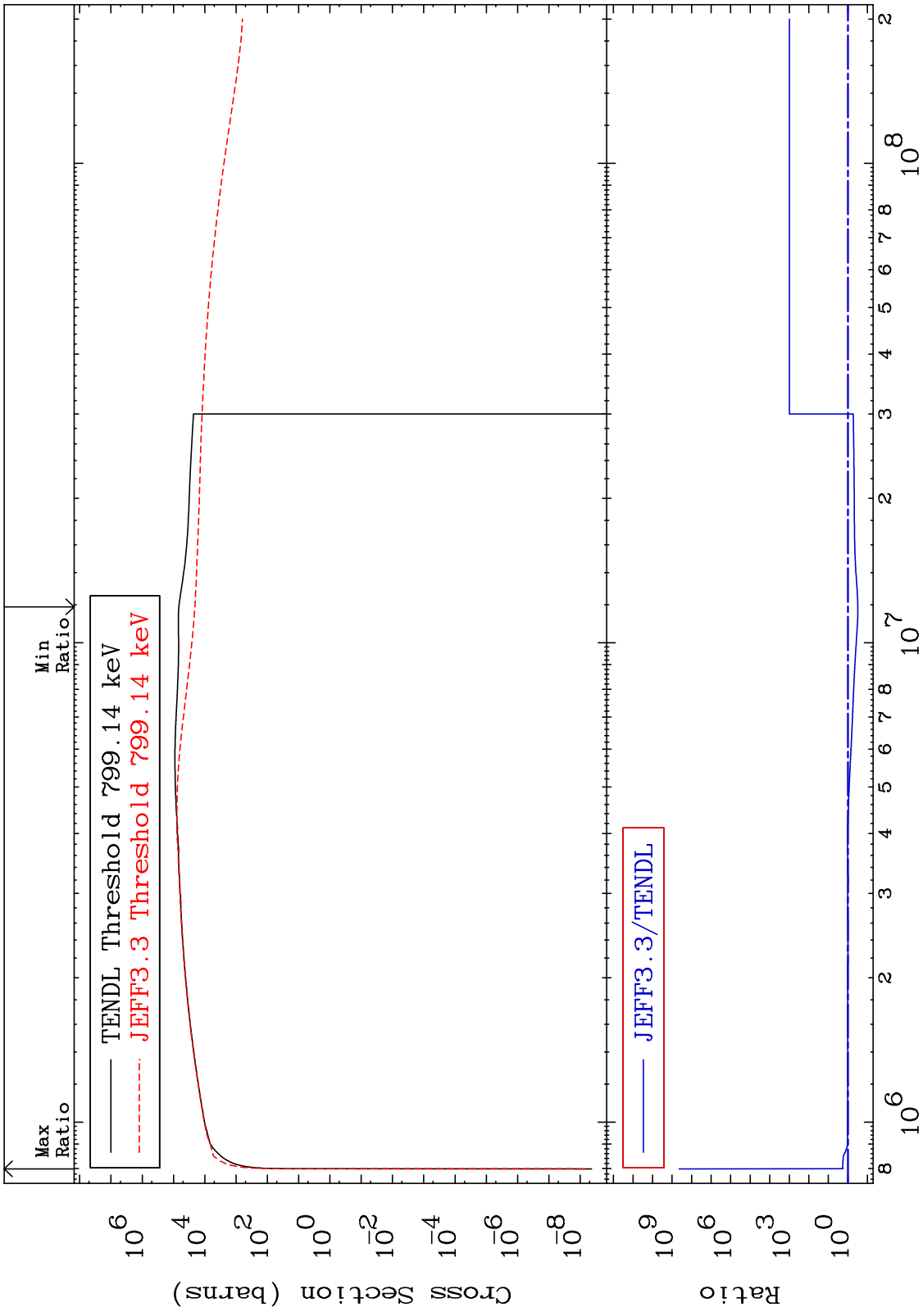
24-Cr-50
-98.68 To 9999. %



40

24-Cr-50

MAT 2425 Dpa inelastic (mt51-91) 24-Cr-50
 Cross Section -68.92 To 9999. %



MAT 2425

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-50
-100.0 To 9999. %

