

Program Complot
(Version 2018-1)

by

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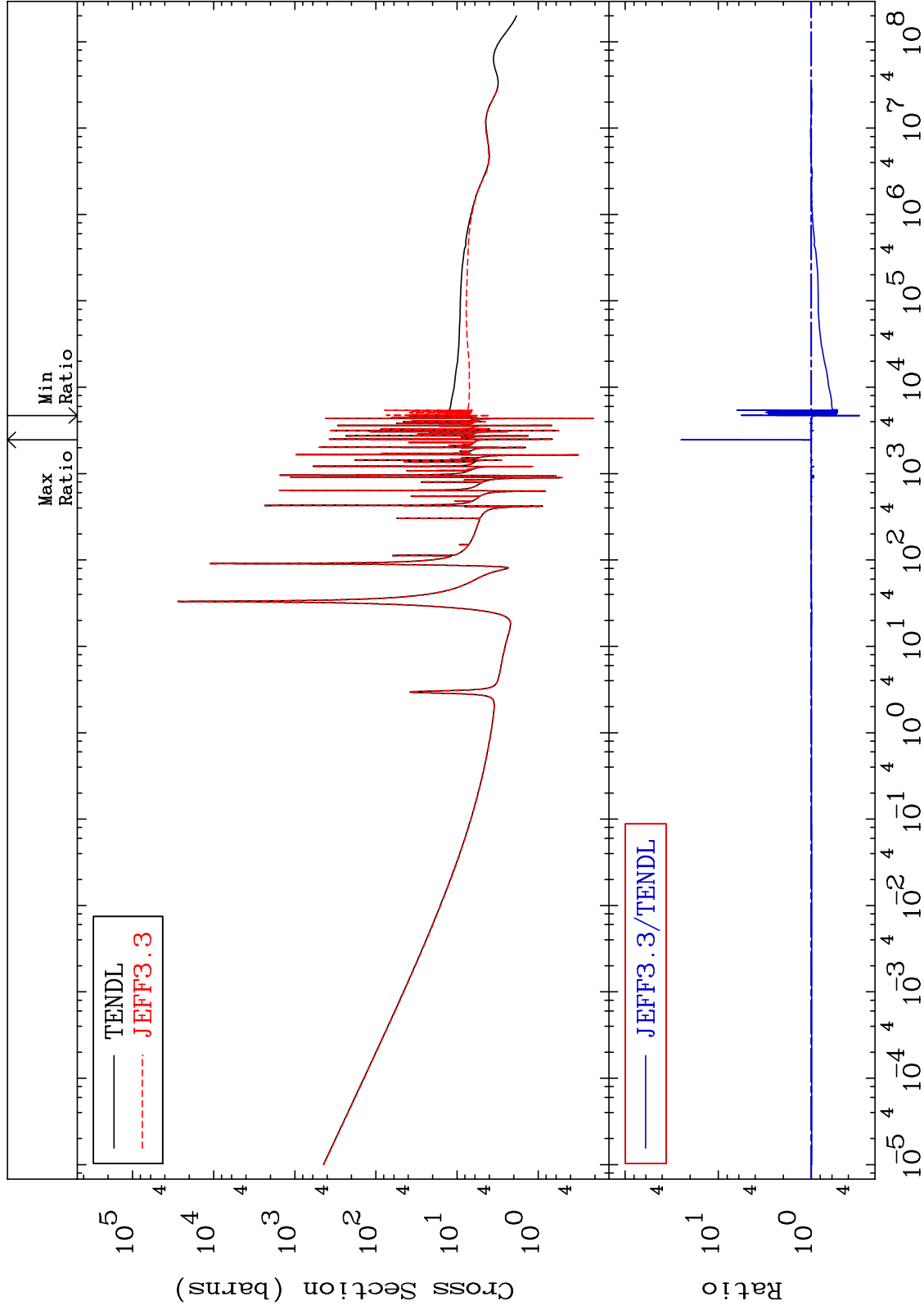
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4643

Total
Cross Section

46-Pd-108
-69.84 To 2394. %



1

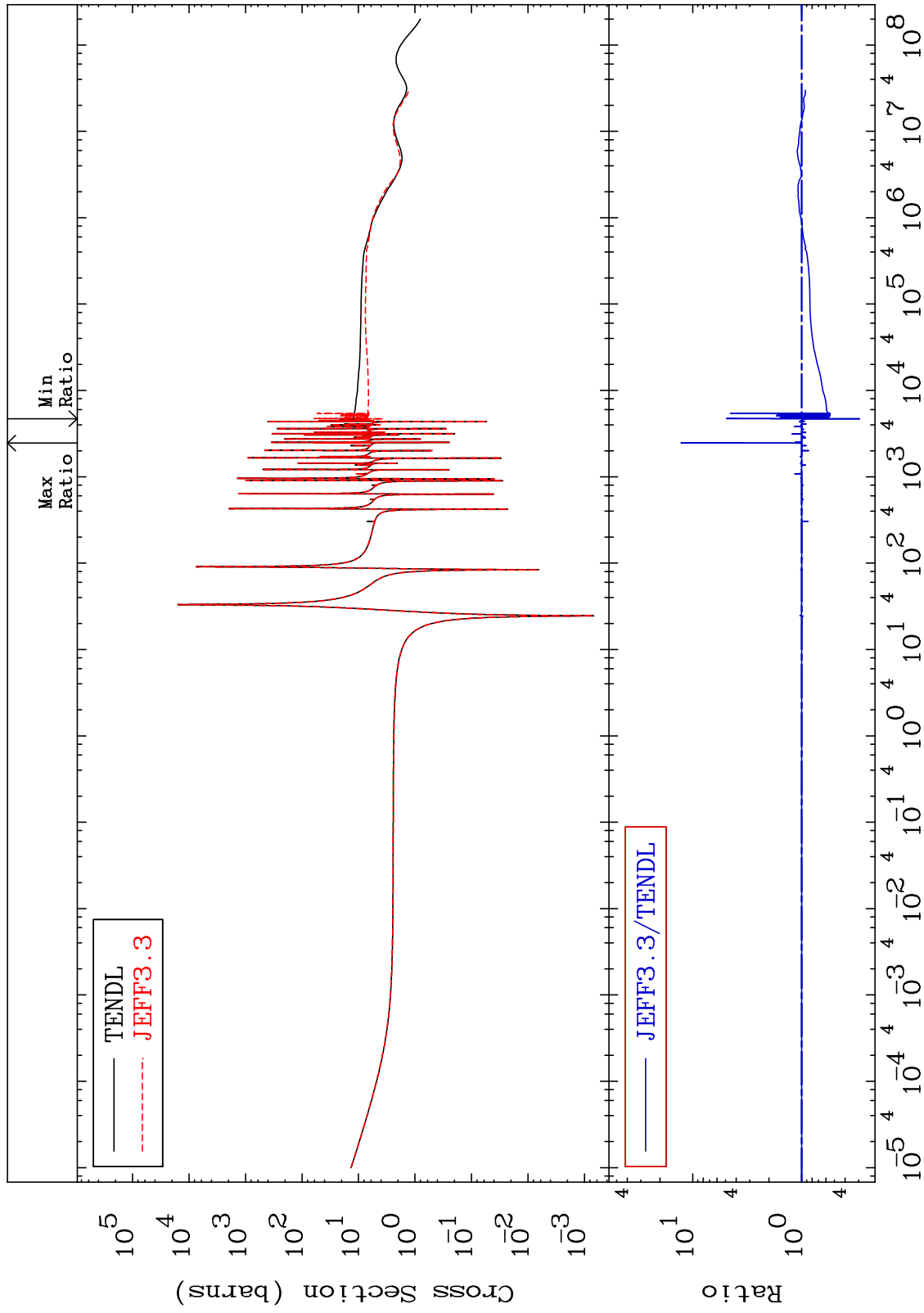
Incident Energy (eV)

46-Pd-108

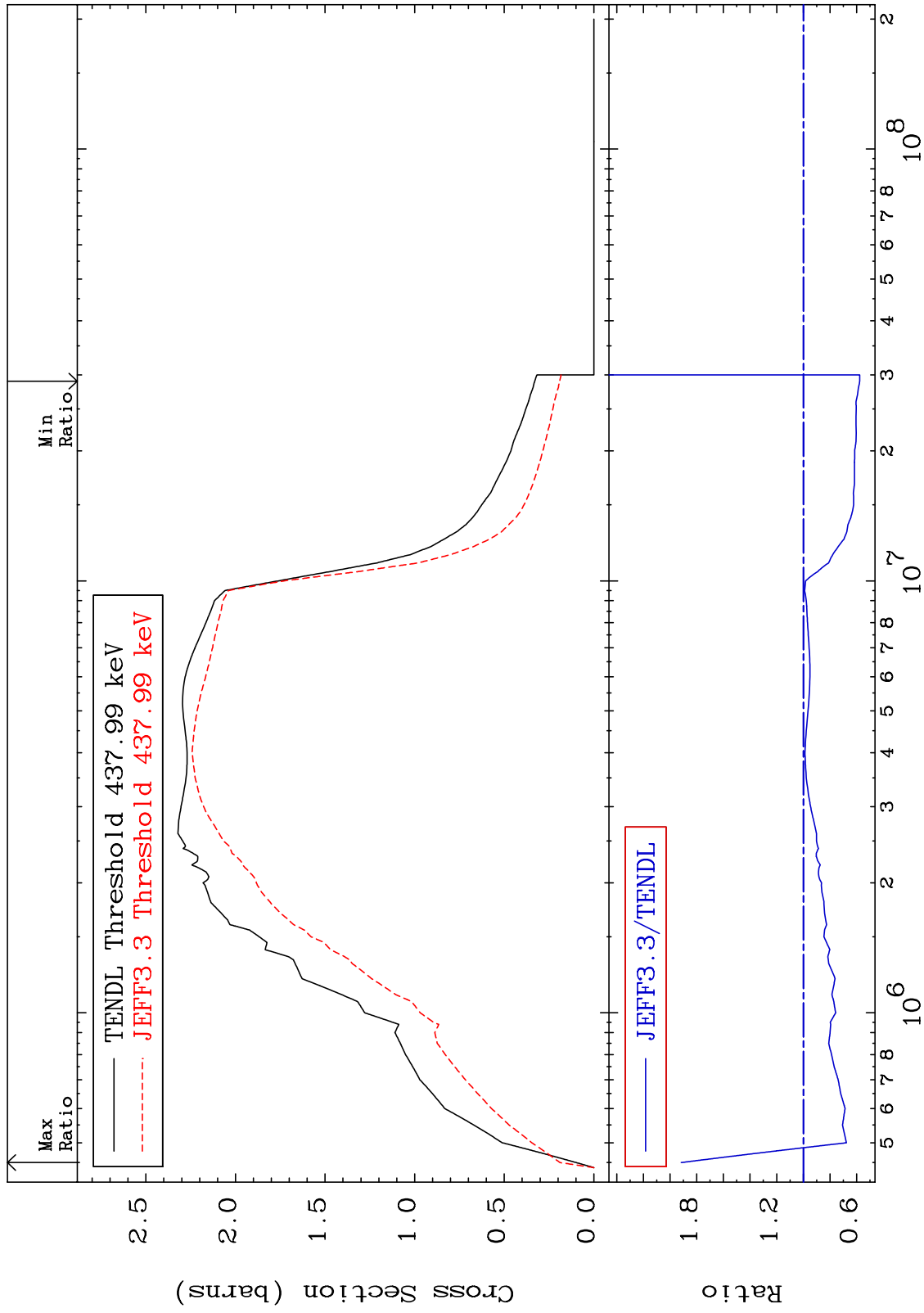
MAT 4643

Elastic
Cross Section

46-Pd-108
-70.71 To 1175. %

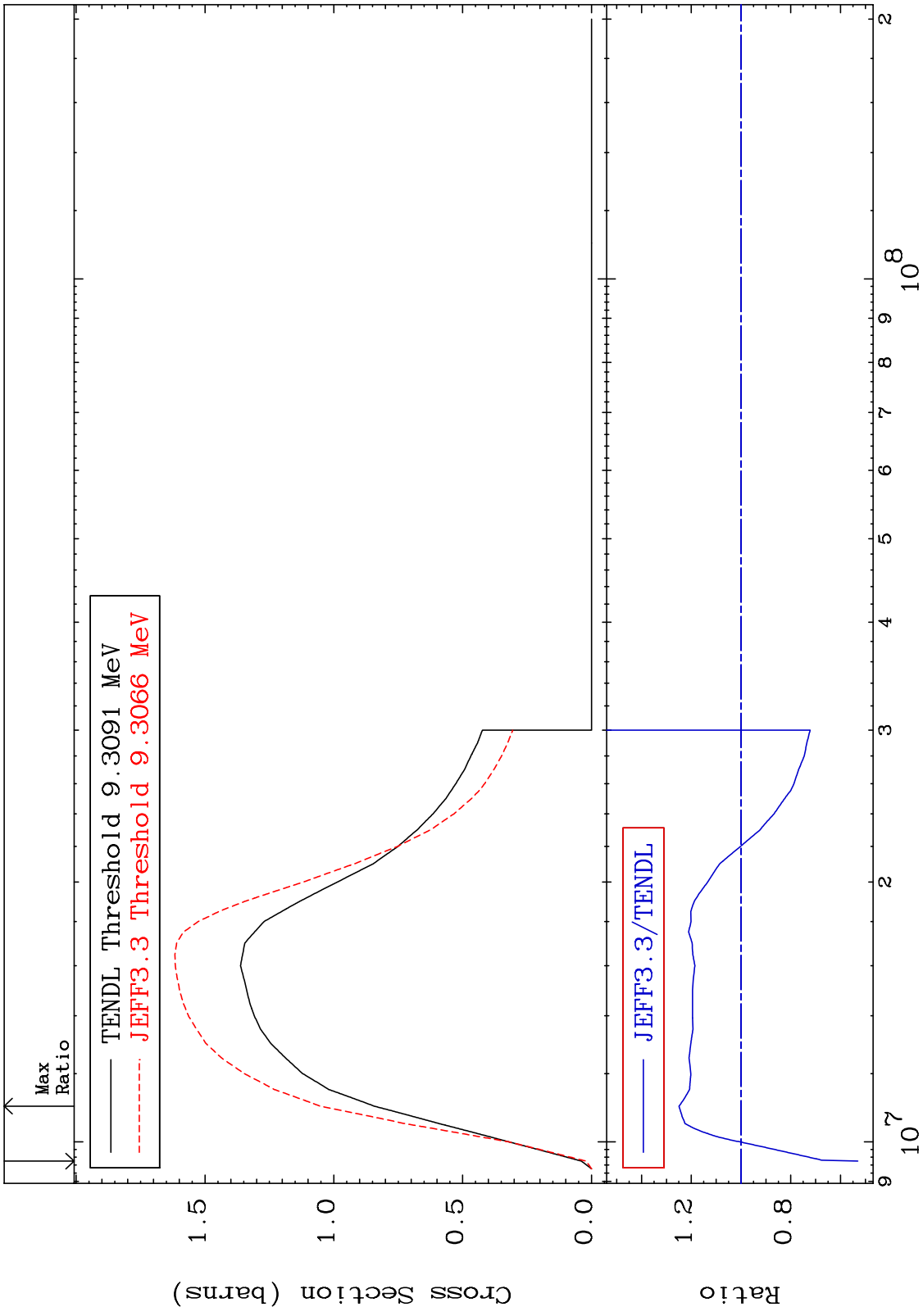


MAT 4643 Inelastic Cross Section 46-Pd-108 -42.35 To 91.60 %



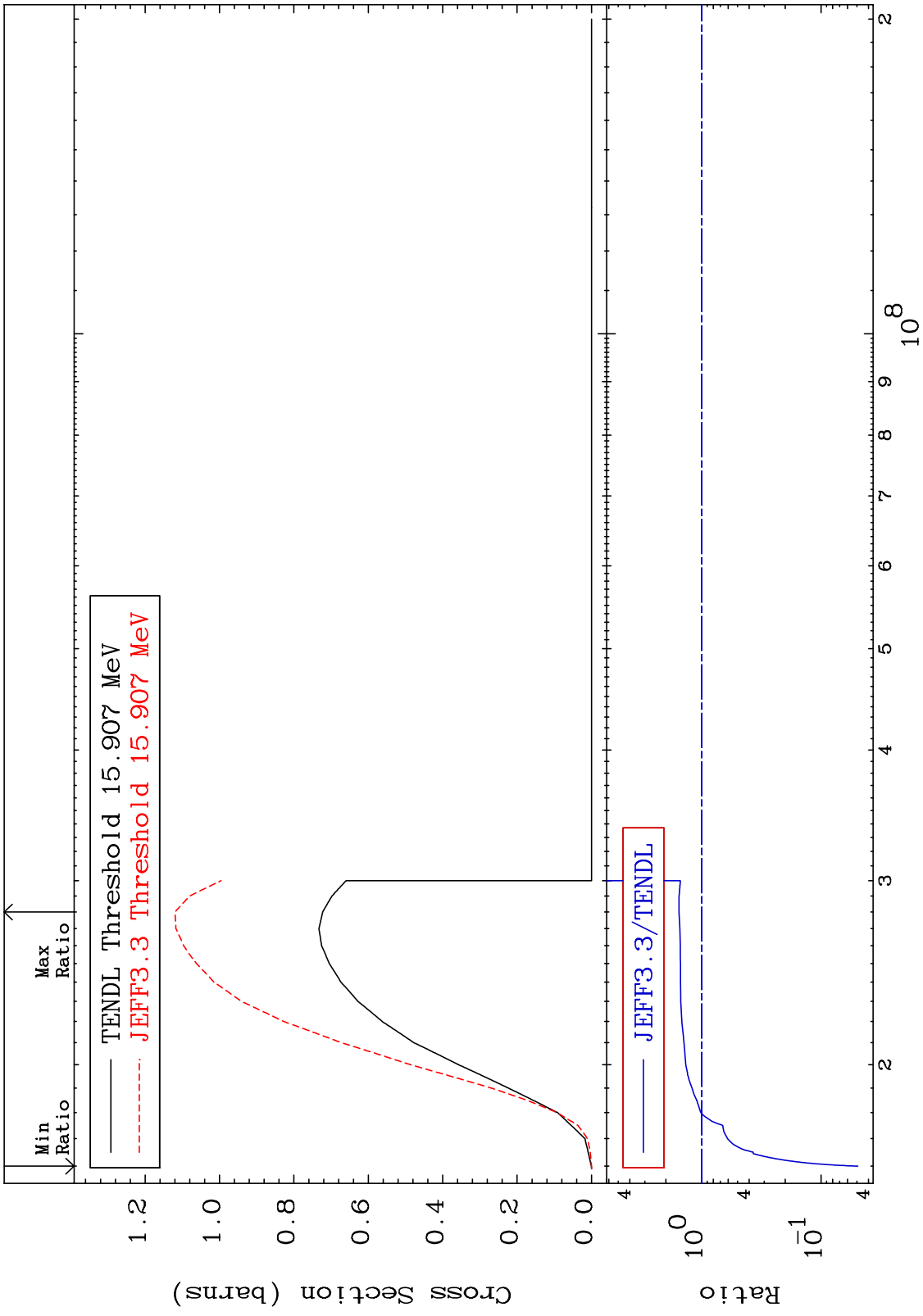
3 46-Pd-108

MAT 4643 (n,2n) Cross Section 46-Pd-108 -46.96 To 24.92 %

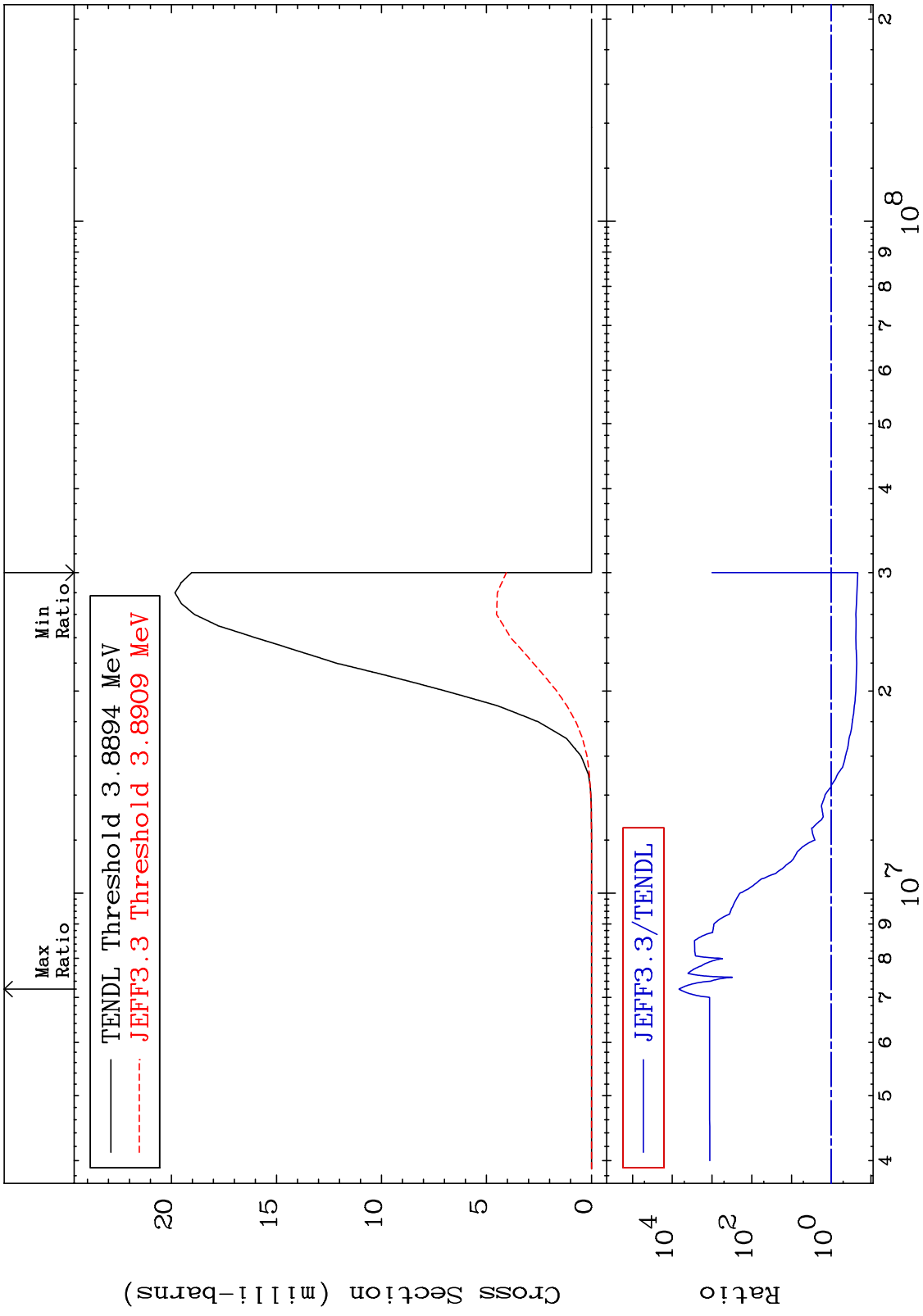


46-Pd-108

MAT 4643 (n,3n) 46-Pd-108
 Cross Section -95.08 To 54.92 %

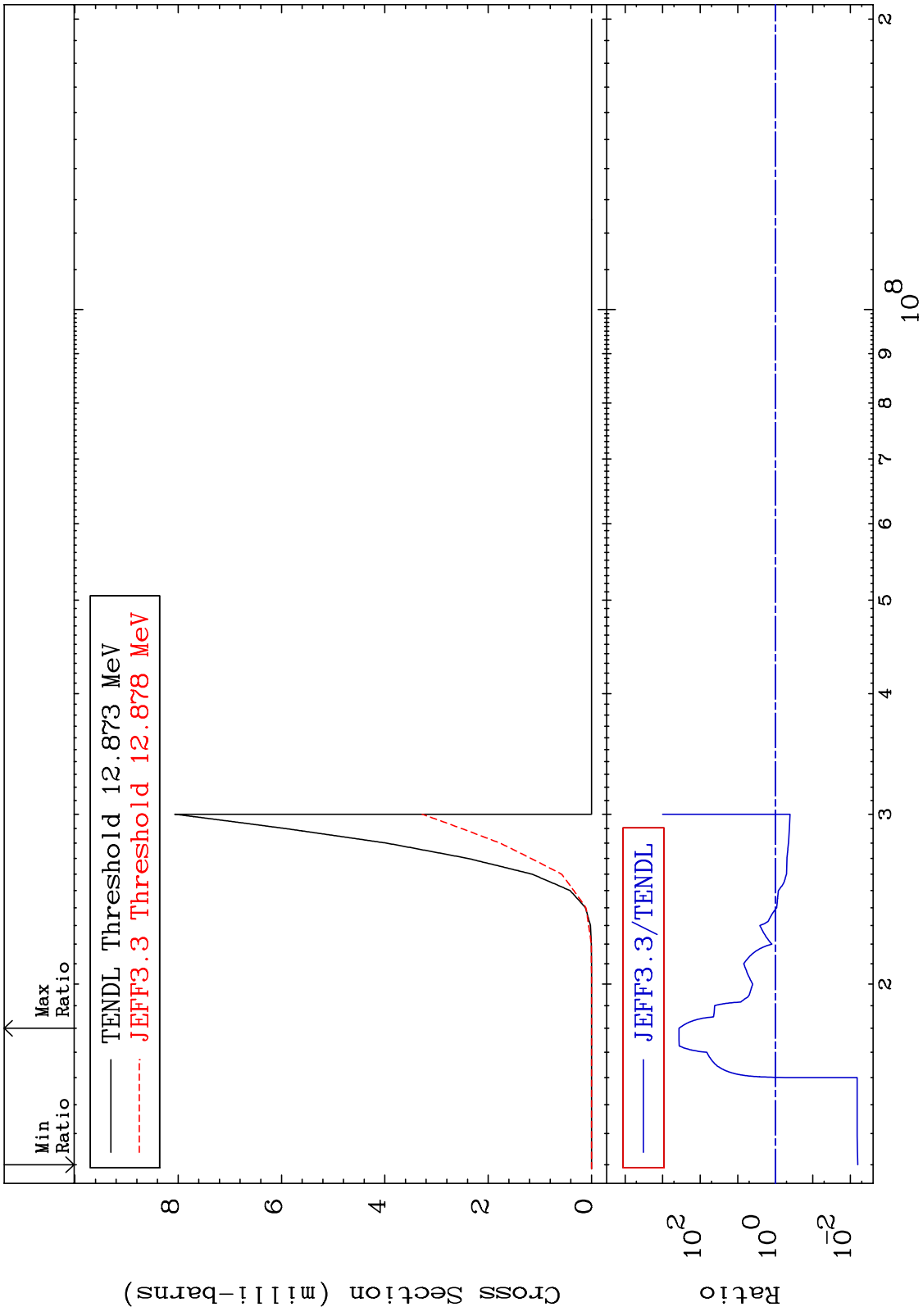


MAT 4643 $(n, n') \alpha$ Cross Section 46-Pd-108
 -78.68 To 9999. %

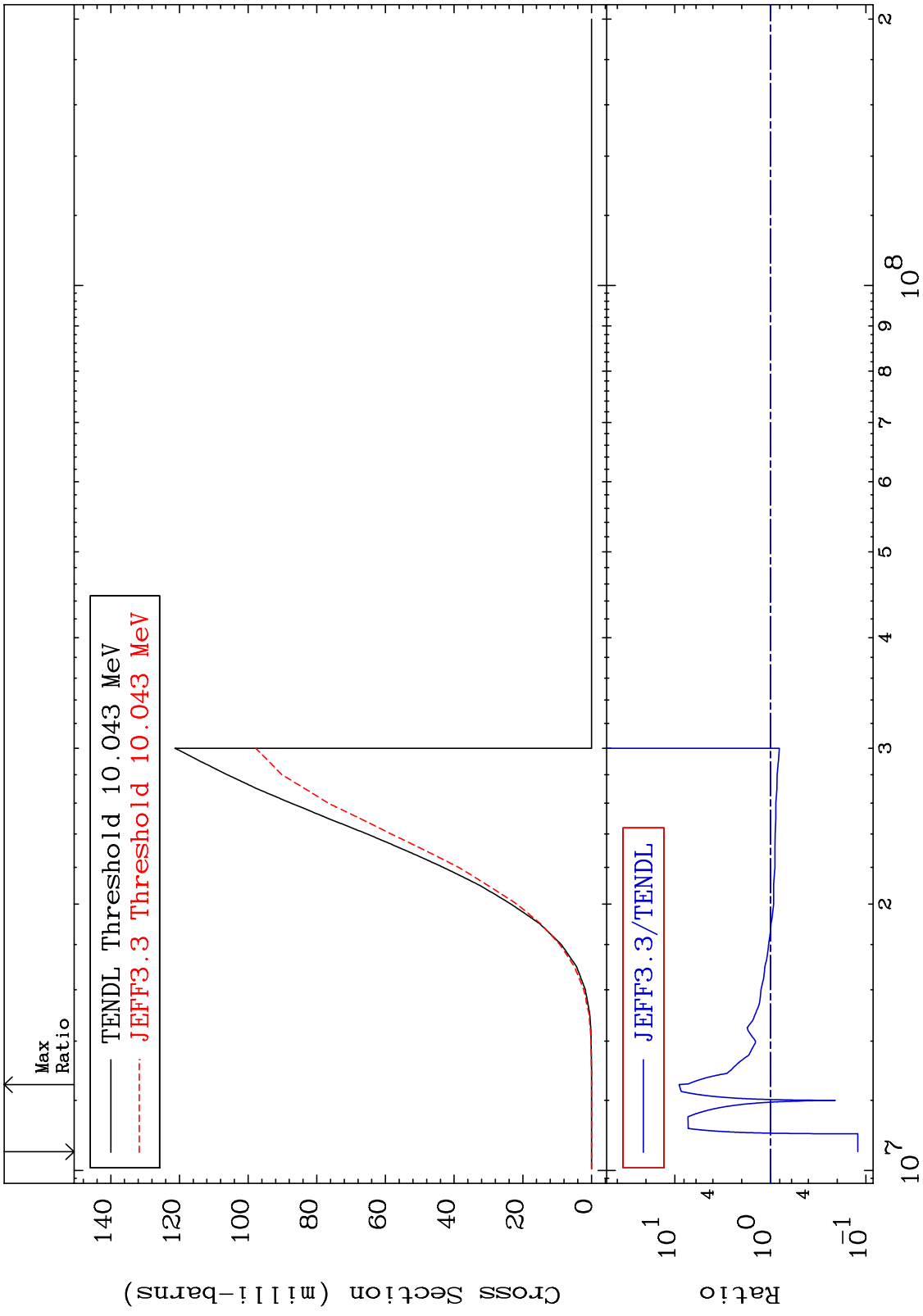


6 Incident Energy (eV) 46-Pd-108

MAT 4643 (n,2n) α 46-Pd-108
 Cross Section -99.37 To 9999. %

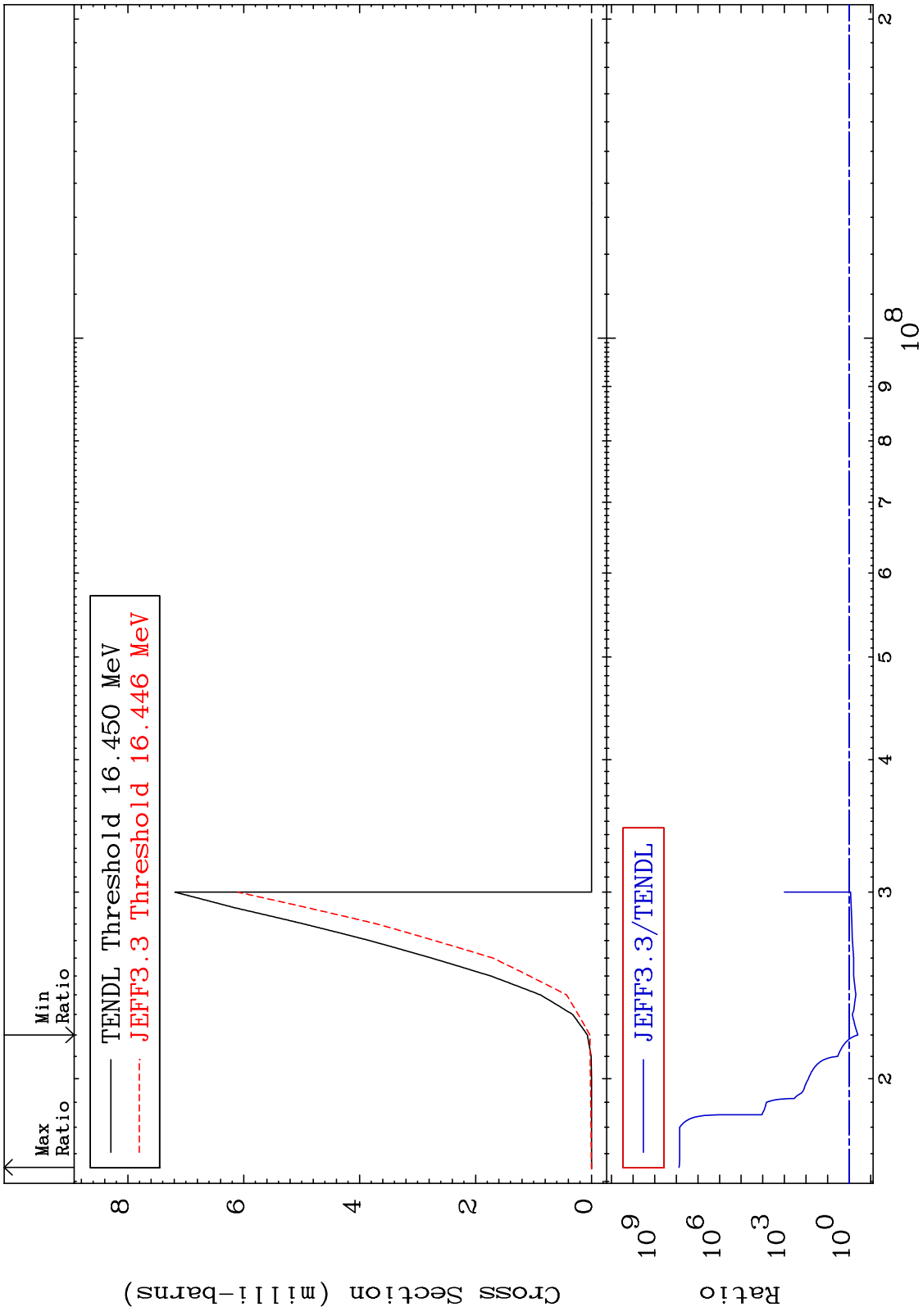


MAT 4643 (n,n') p 46-Pd-108
Cross Section -87.83 To 802.7 %

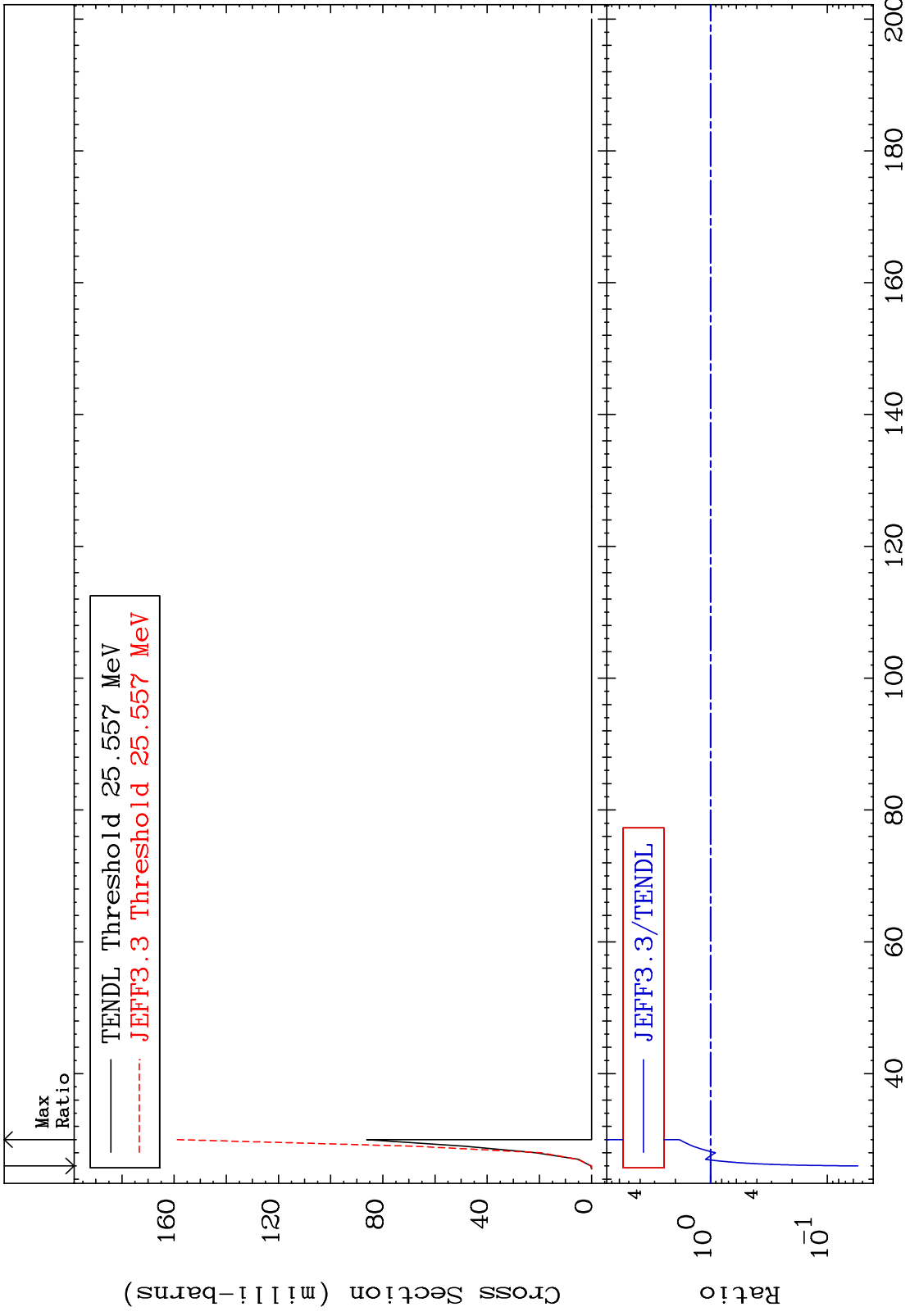


Incident Energy (eV) 46-Pd-108

MAT 4643 (n,n') d 46-Pd-108
 Cross Section -60.50 To 9999. %

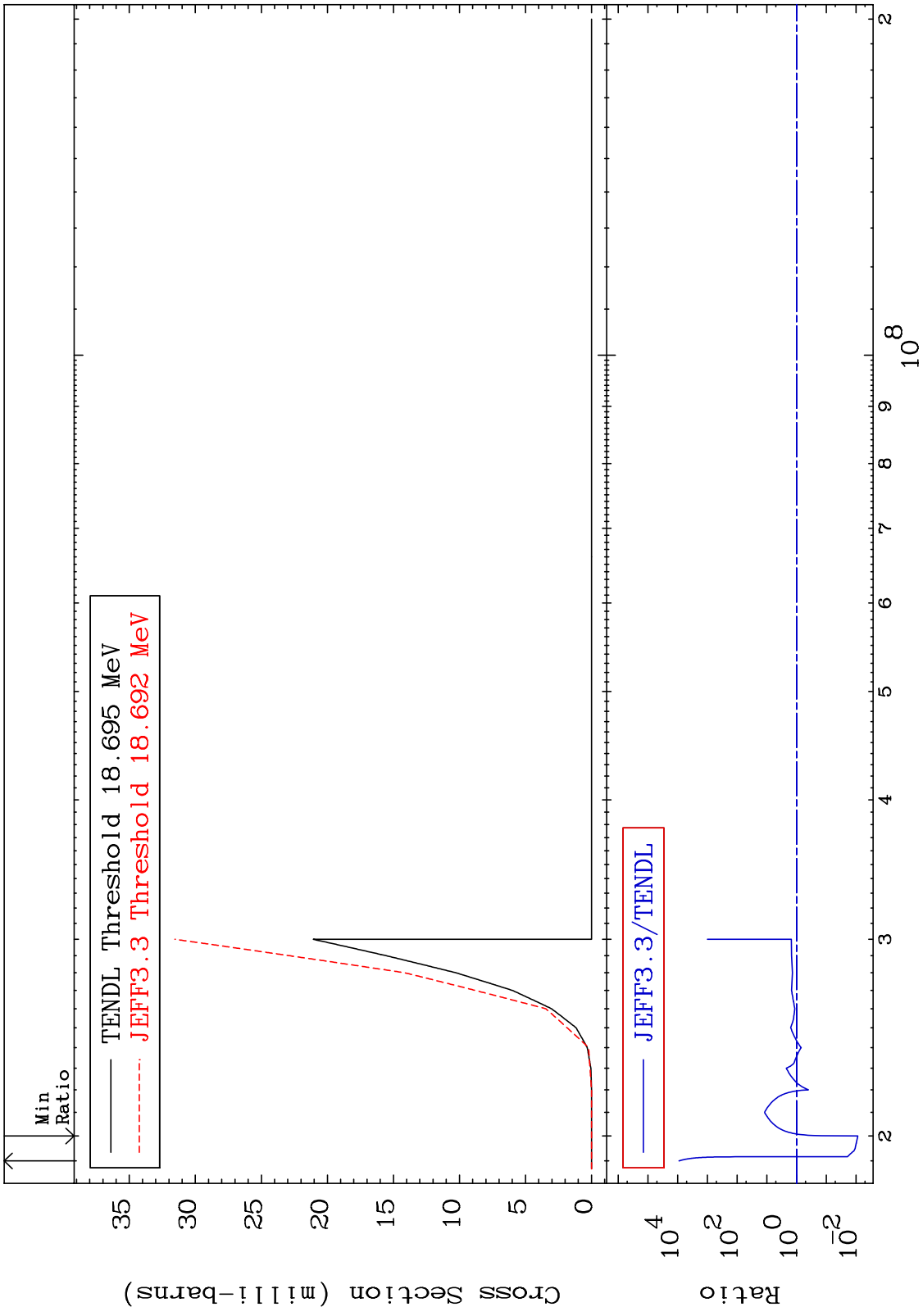


MAT 4643 (n,4n) Cross Section 46-Pd-108 -94.52 To 85.30 %

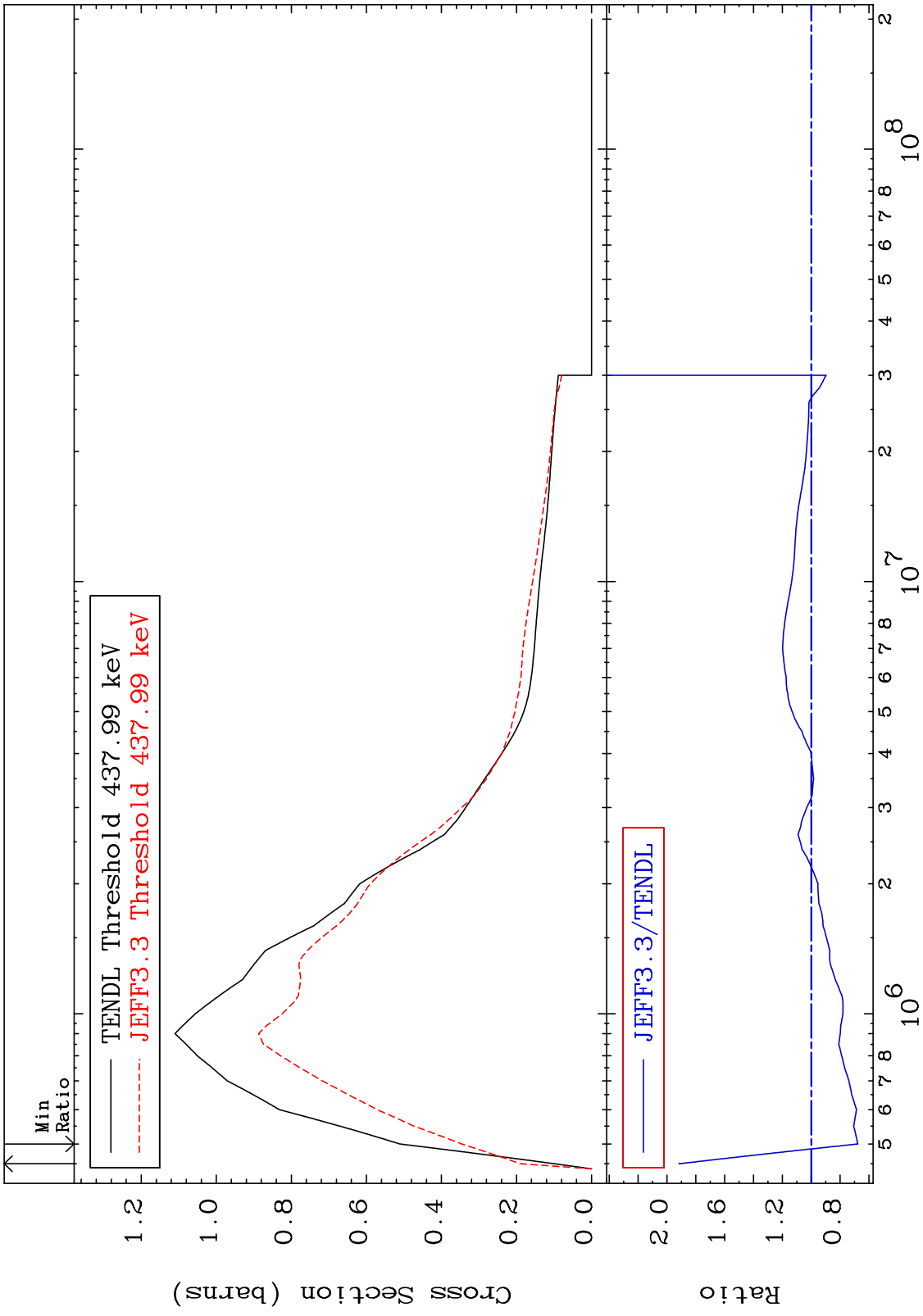


10 Incident Energy (MeV) 46-Pd-108

MAT 4643 (n,2n) p 46-Pd-108
 Cross Section -99.13 To 9999. %

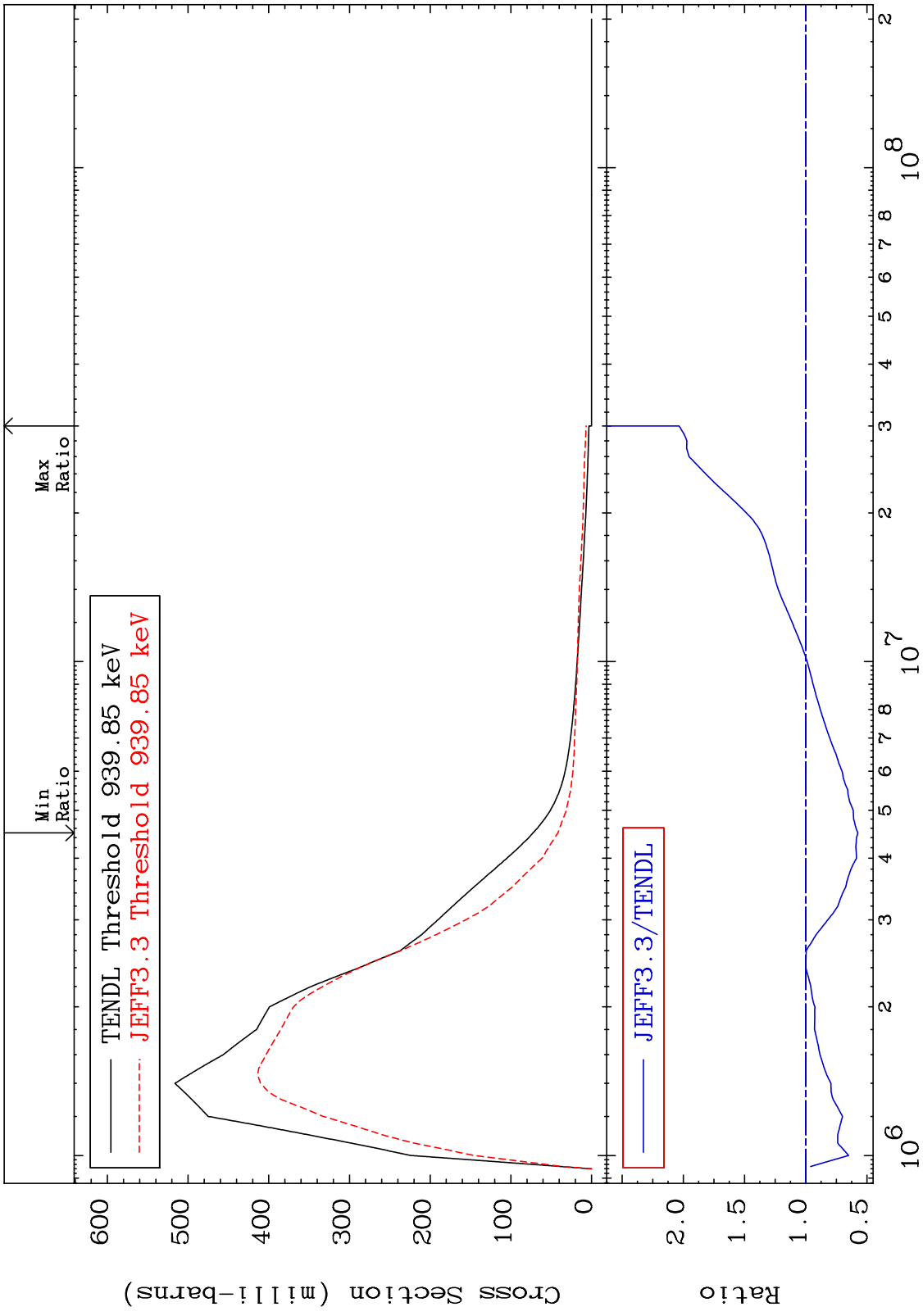


MAT 4643 MT= 51 (n,n') Level 46-Pd-108
 Cross Section -32.29 To 91.60 %



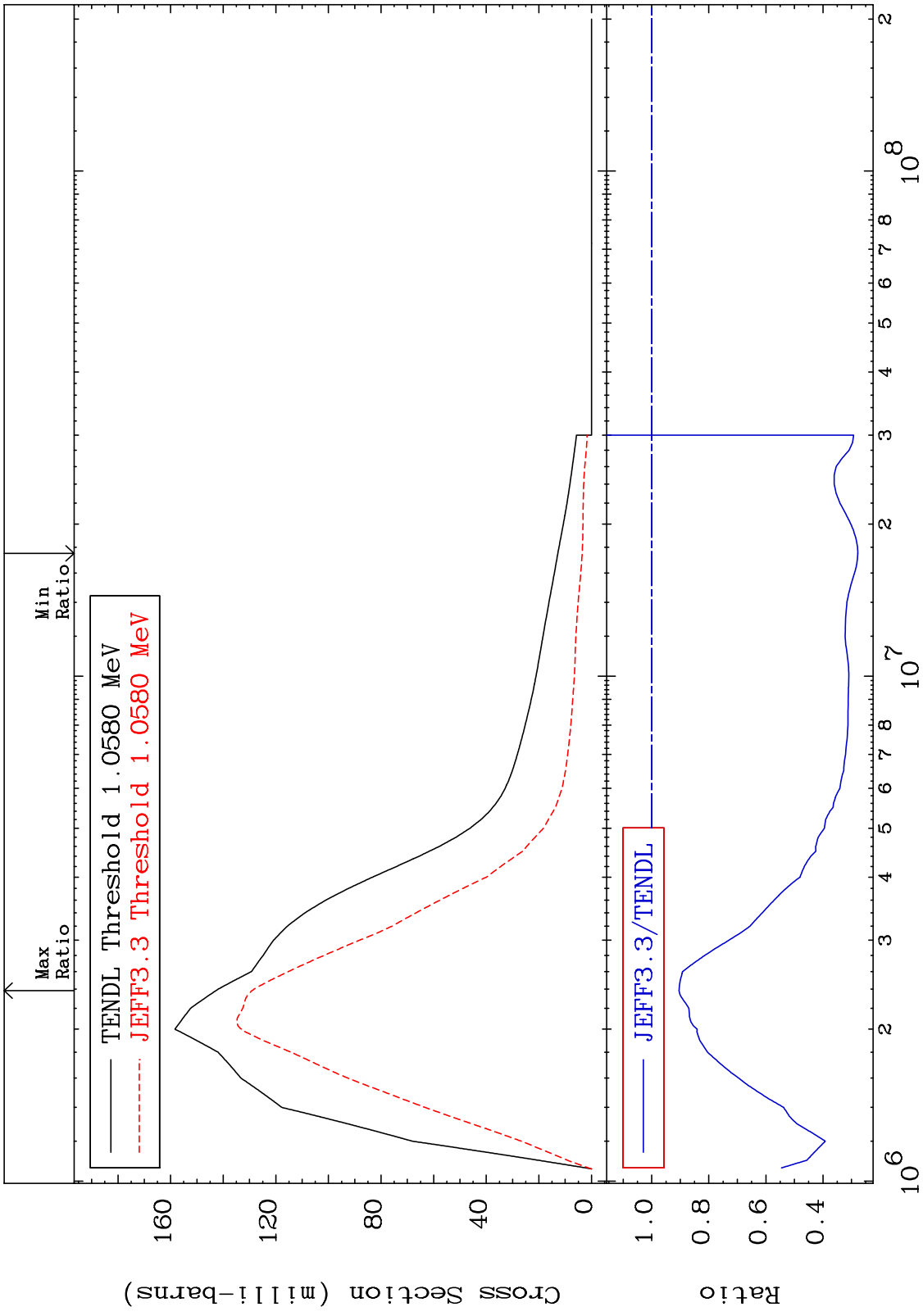
12 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 52 (n,n') Level Cross Section 46-Pd-108 -42.58 To 103.6 %

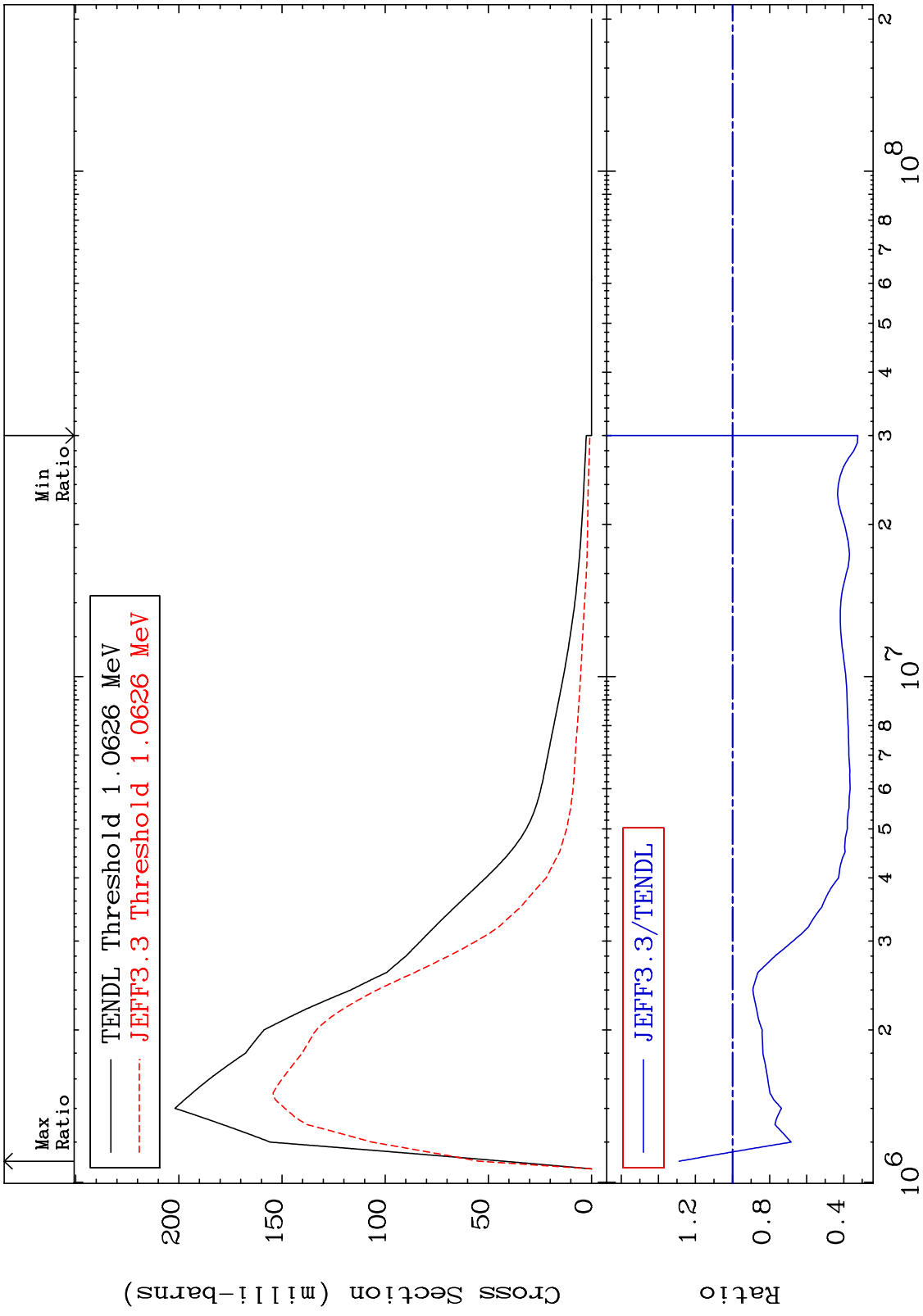


13 Incident Energy (eV) 46-Pd-108

MAT 4643 MT= 53 (n, n') Level Cross Section 46-Pd-108 -72.22 To -9.577%



MAT 4643 MT= 54 (n,n') Level Cross Section 46-Pd-108
 -67.63 To 28.87 %

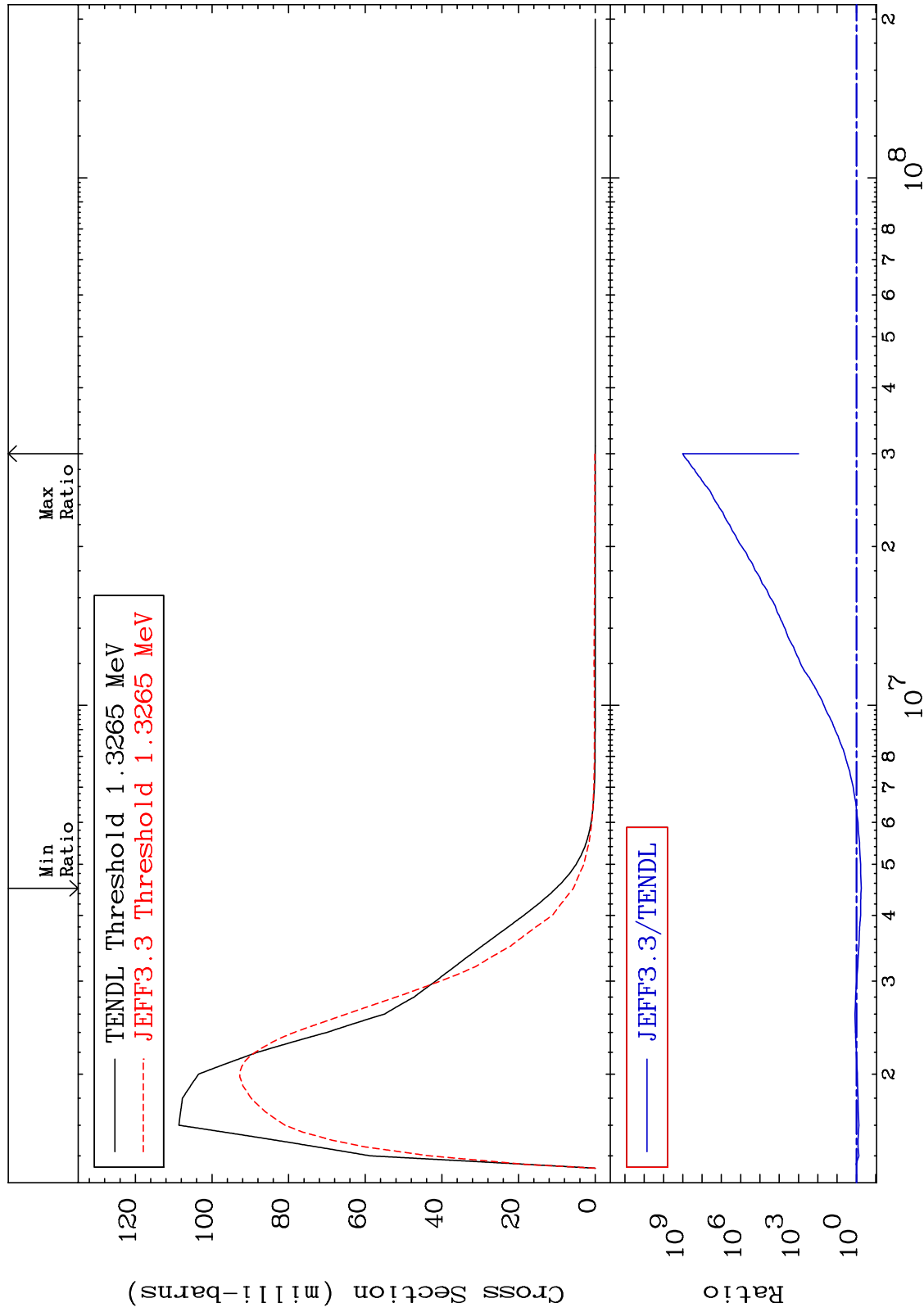


Incident Energy (eV) 46-Pd-108

MAT 4643

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

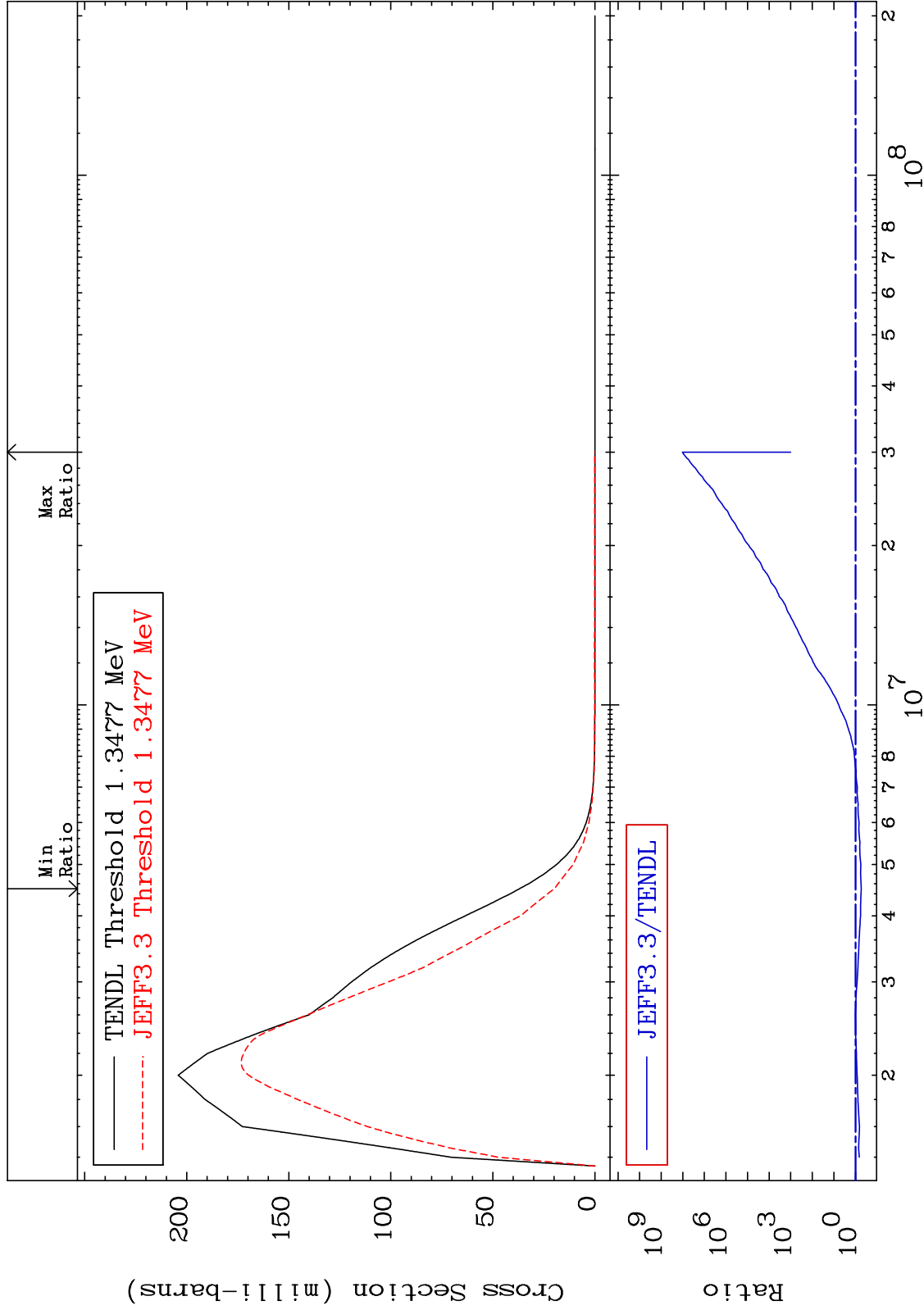
46-Pd-108
-44.46 To 9999. %



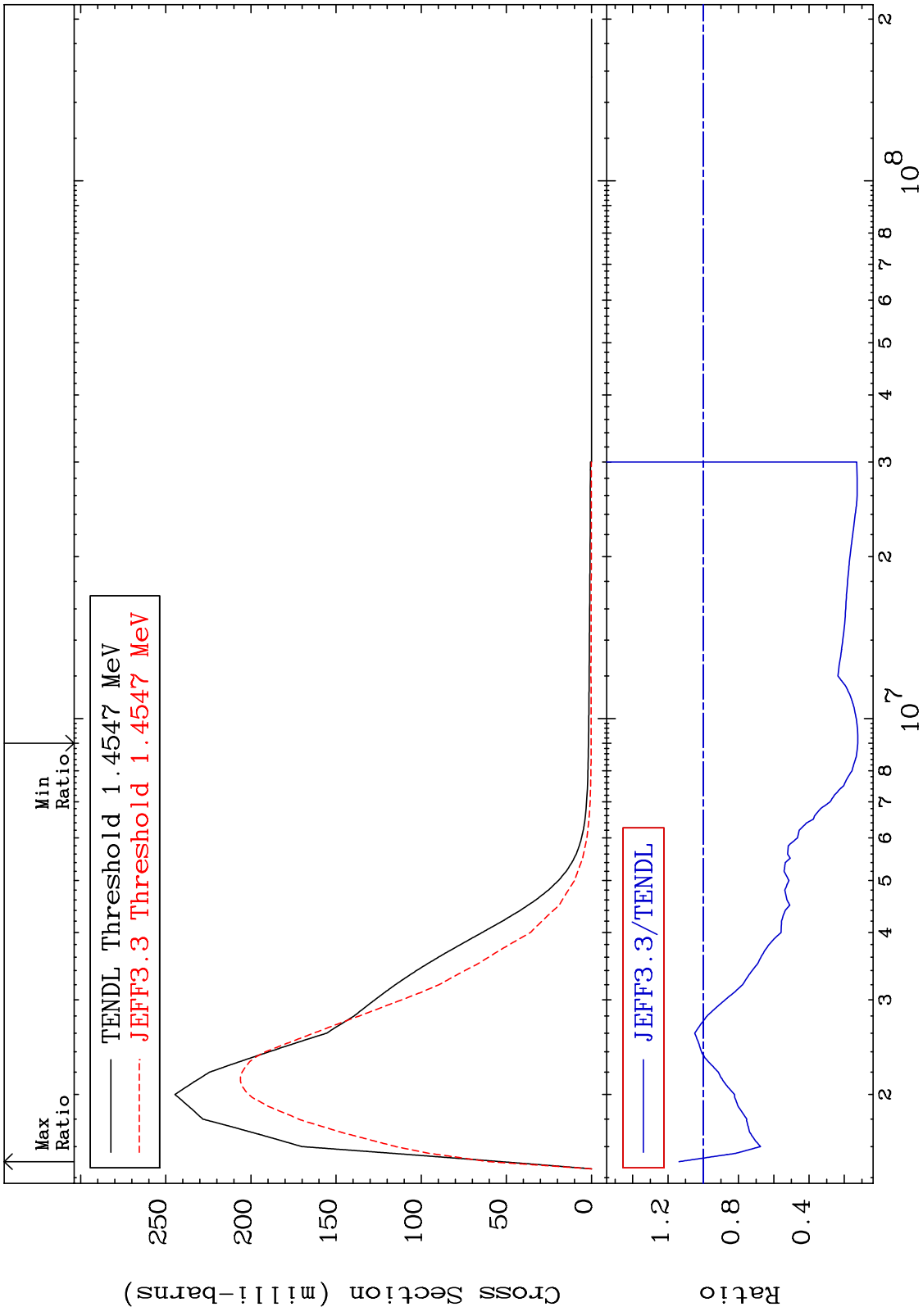
MAT 4643

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

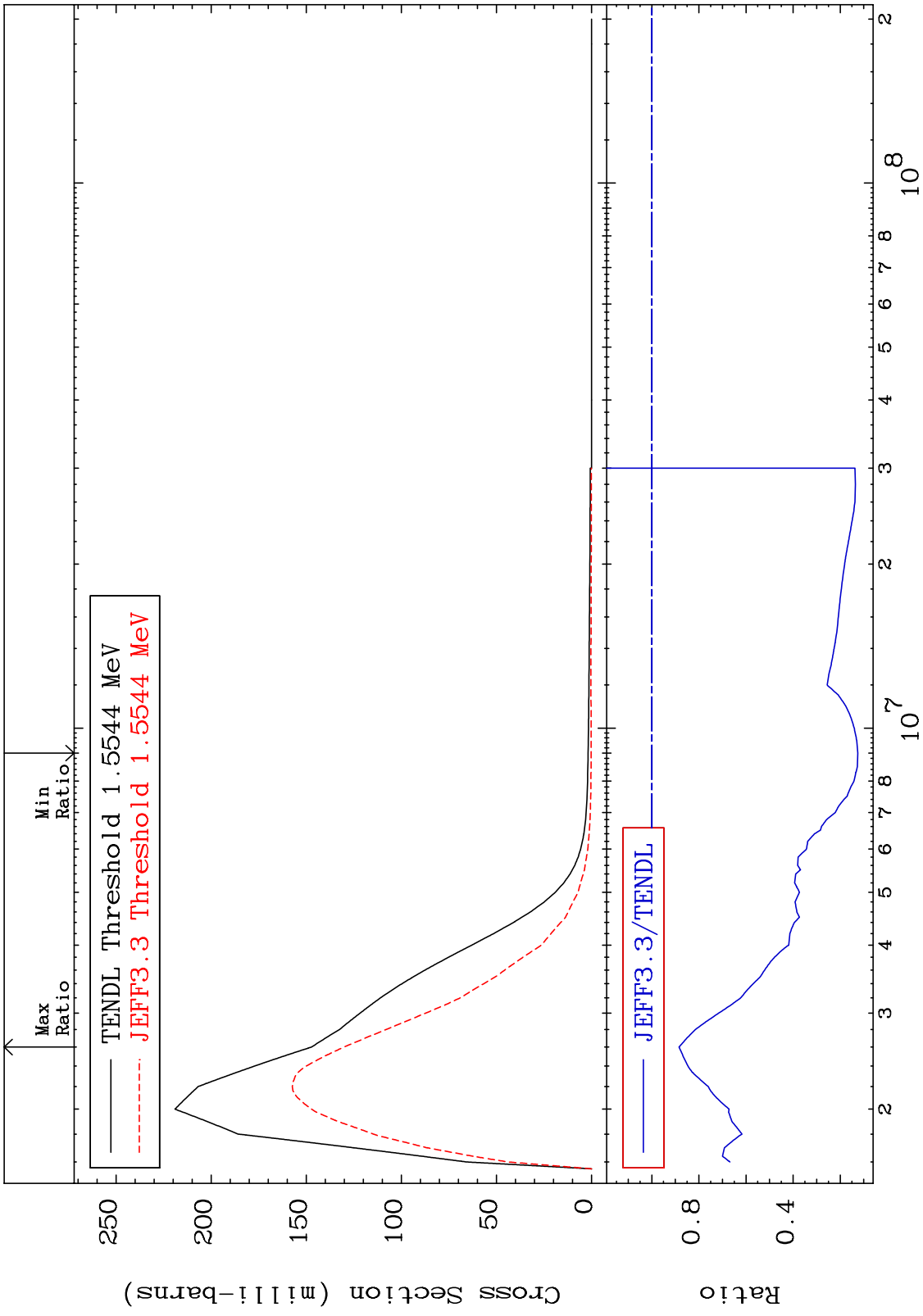
46-Pd-108
-46.32 To 9999. %



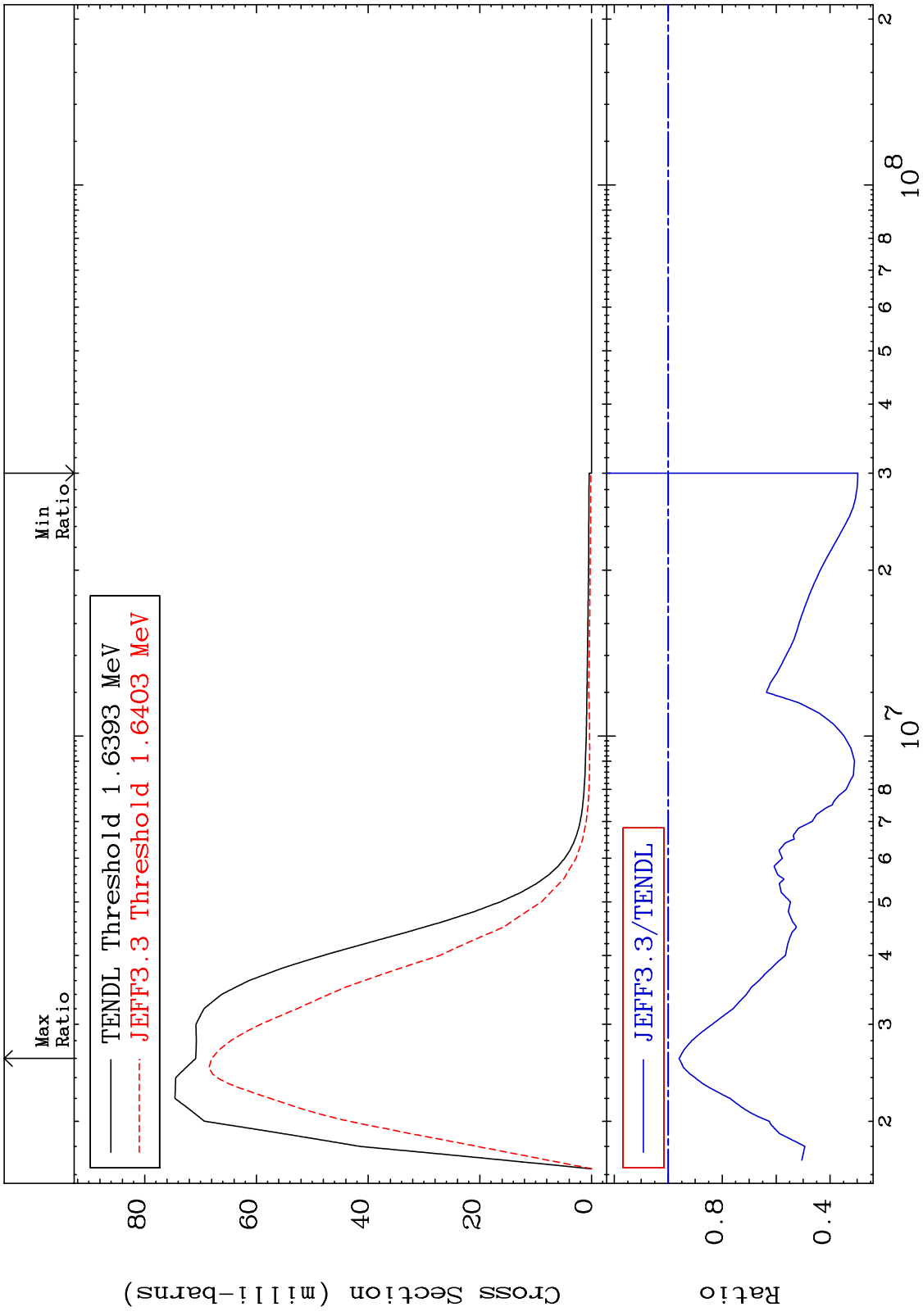
MAT 4643 MT= 57 (n,n') Level Cross Section 46-Pd-108
 -87.65 To 13.73 %



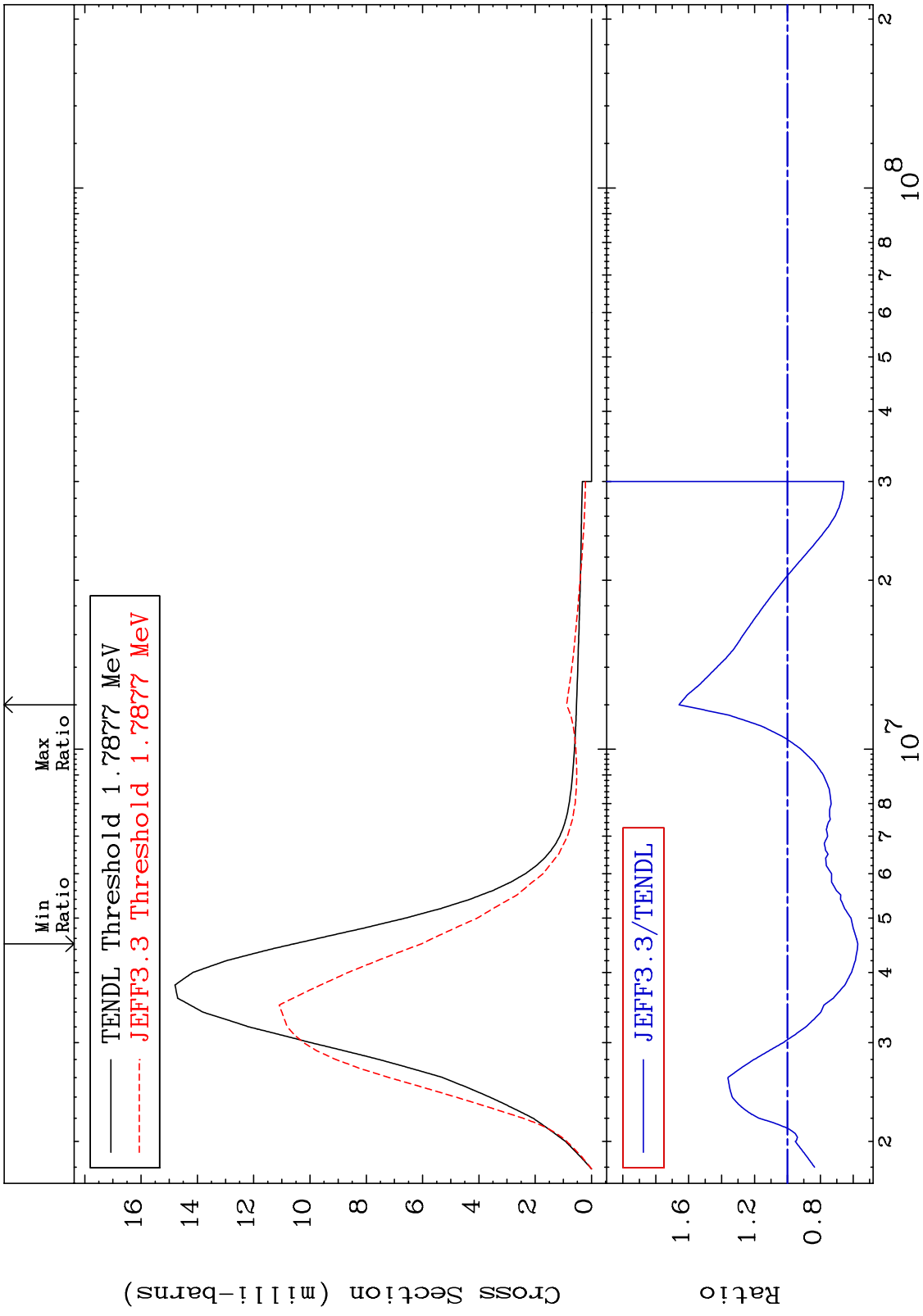
MAT 4643 MT= 58 (n,n') Level Cross Section 46-Pd-108
 -87.48 To -11.58%



MAT 4643 MT= 59 (n,n') Level Cross Section 46-Pd-108
 -70.28 To -4.006%



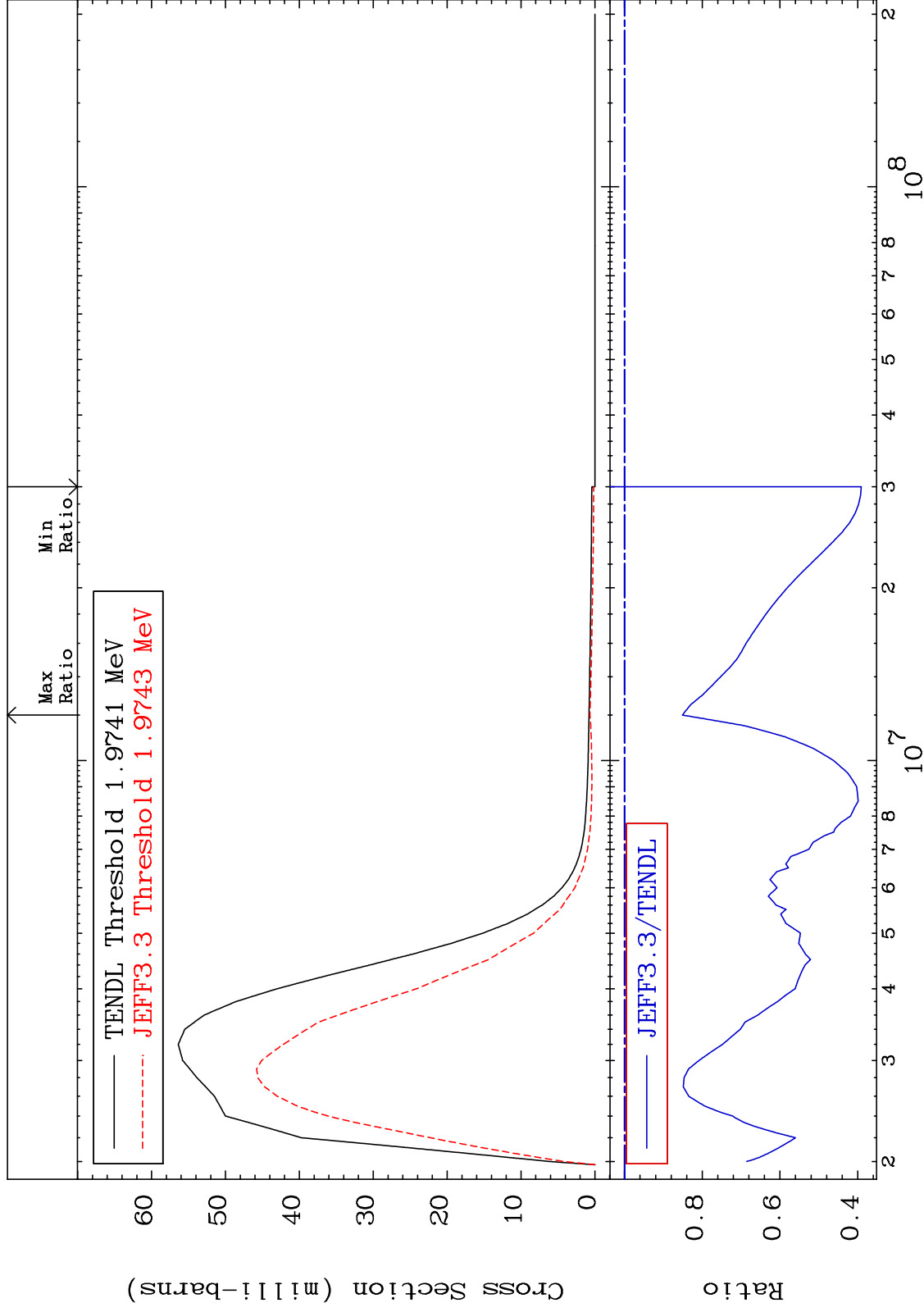
MAT 4643 MT= 60 (n,n') Level Cross Section 46-Pd-108
 -42.80 To 65.86 %



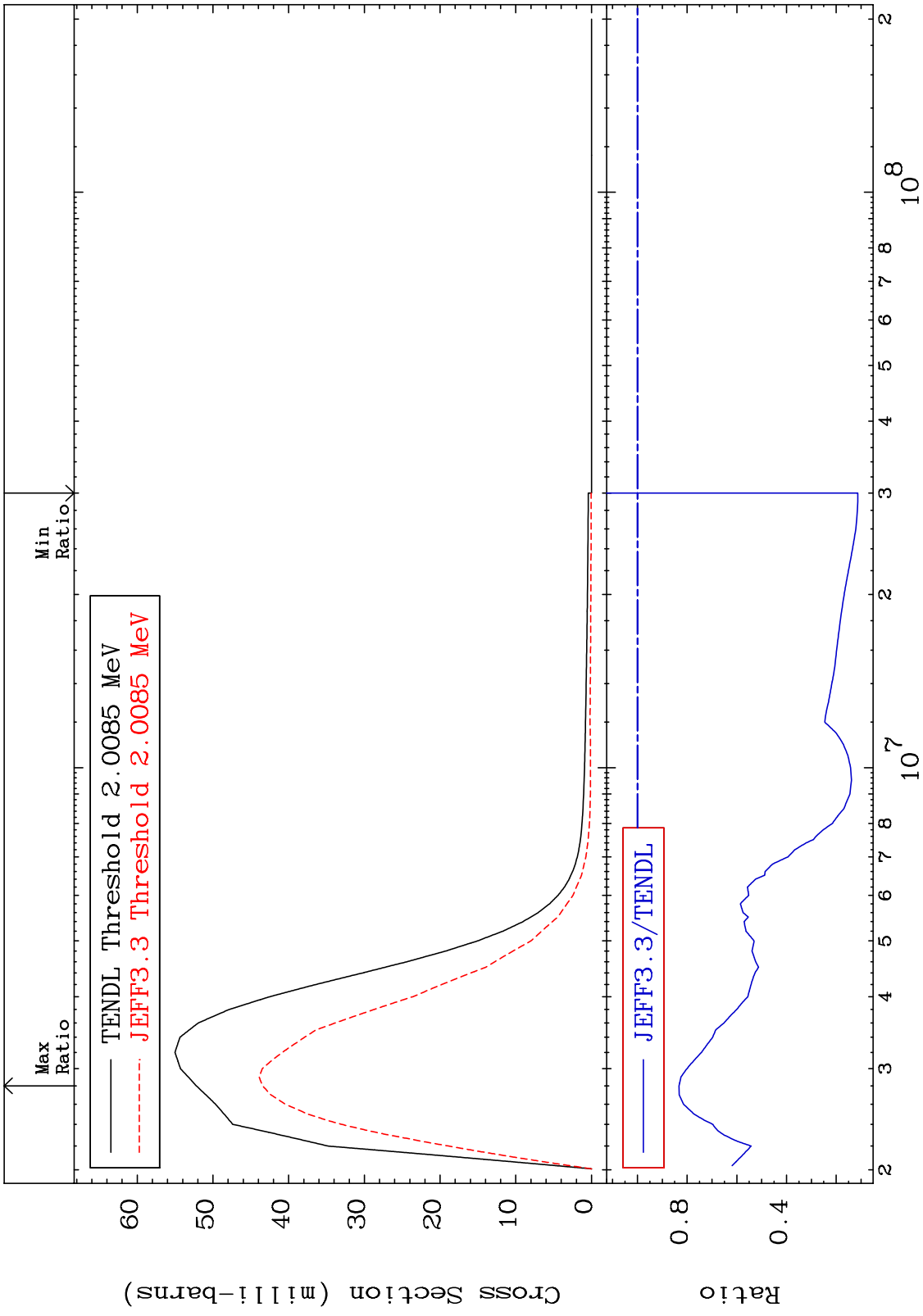
MAT 4643

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

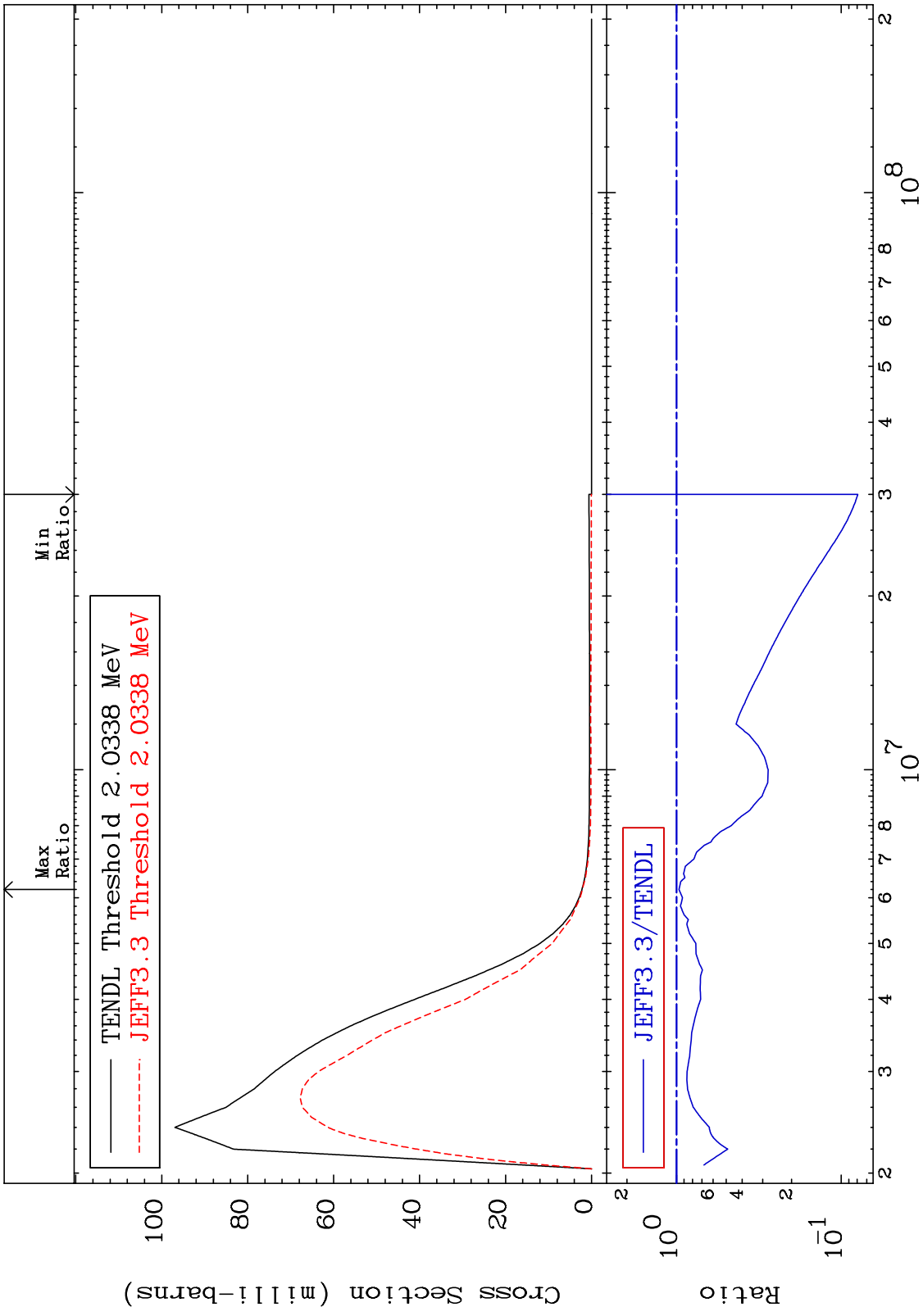
46-Pd-108
-60.92 To -14.91%



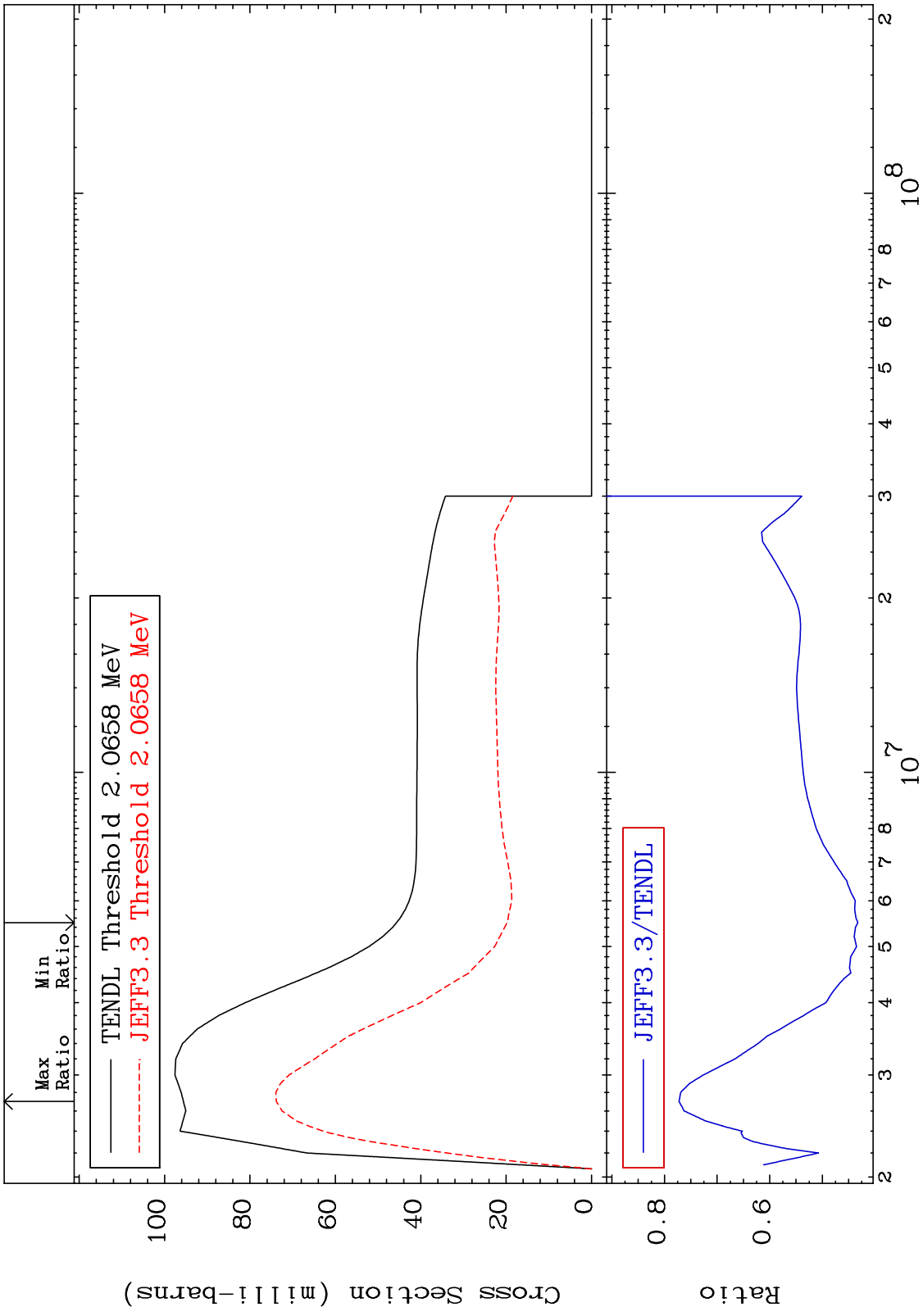
MAT 4643 MT= 62 (n,n') Level Cross Section 46-Pd-108
 -88.71 To -16.76%



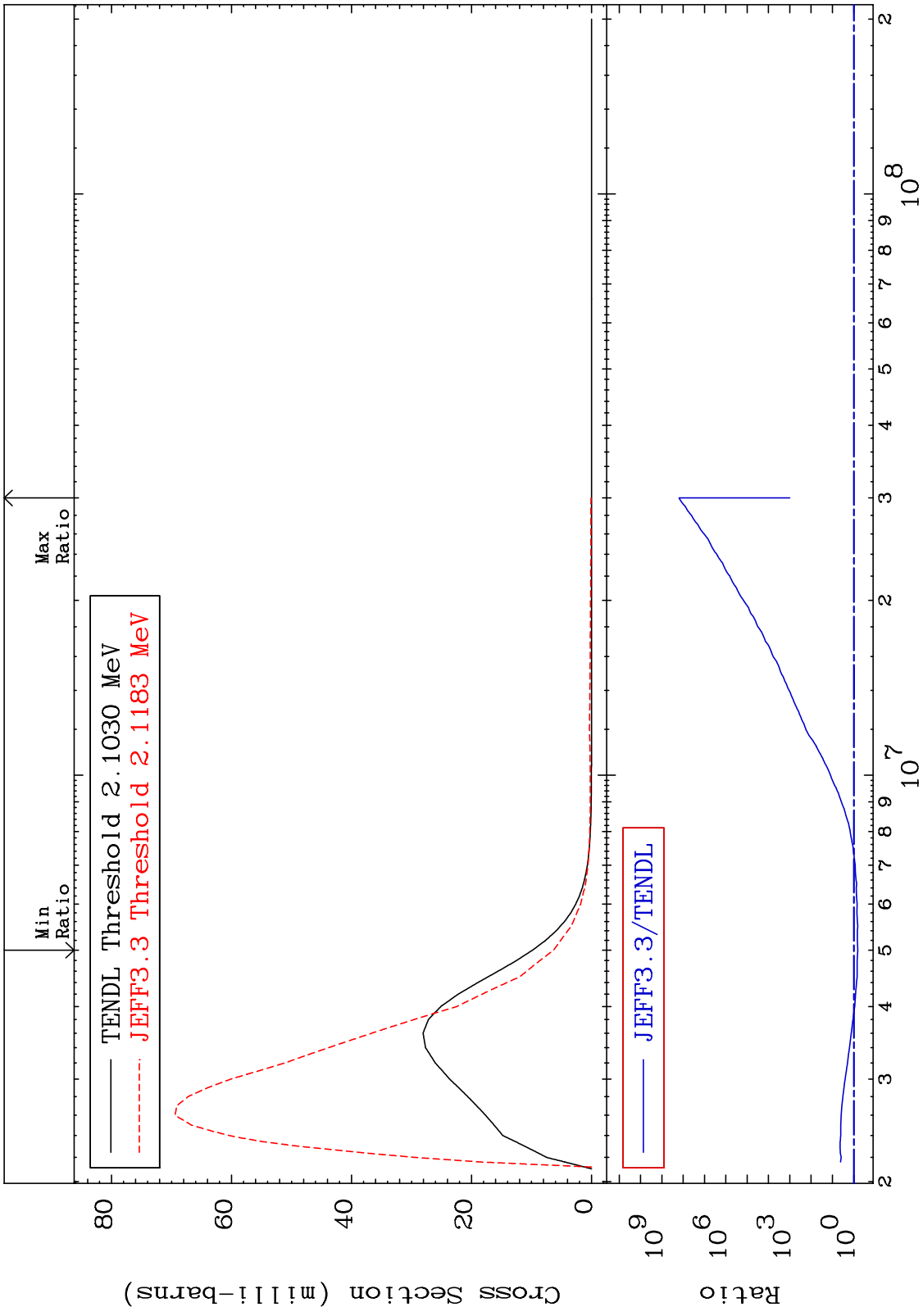
MAT 4643 MT= 63 (n,n') Level Cross Section 46-Pd-108 -92.07 To -3.481%



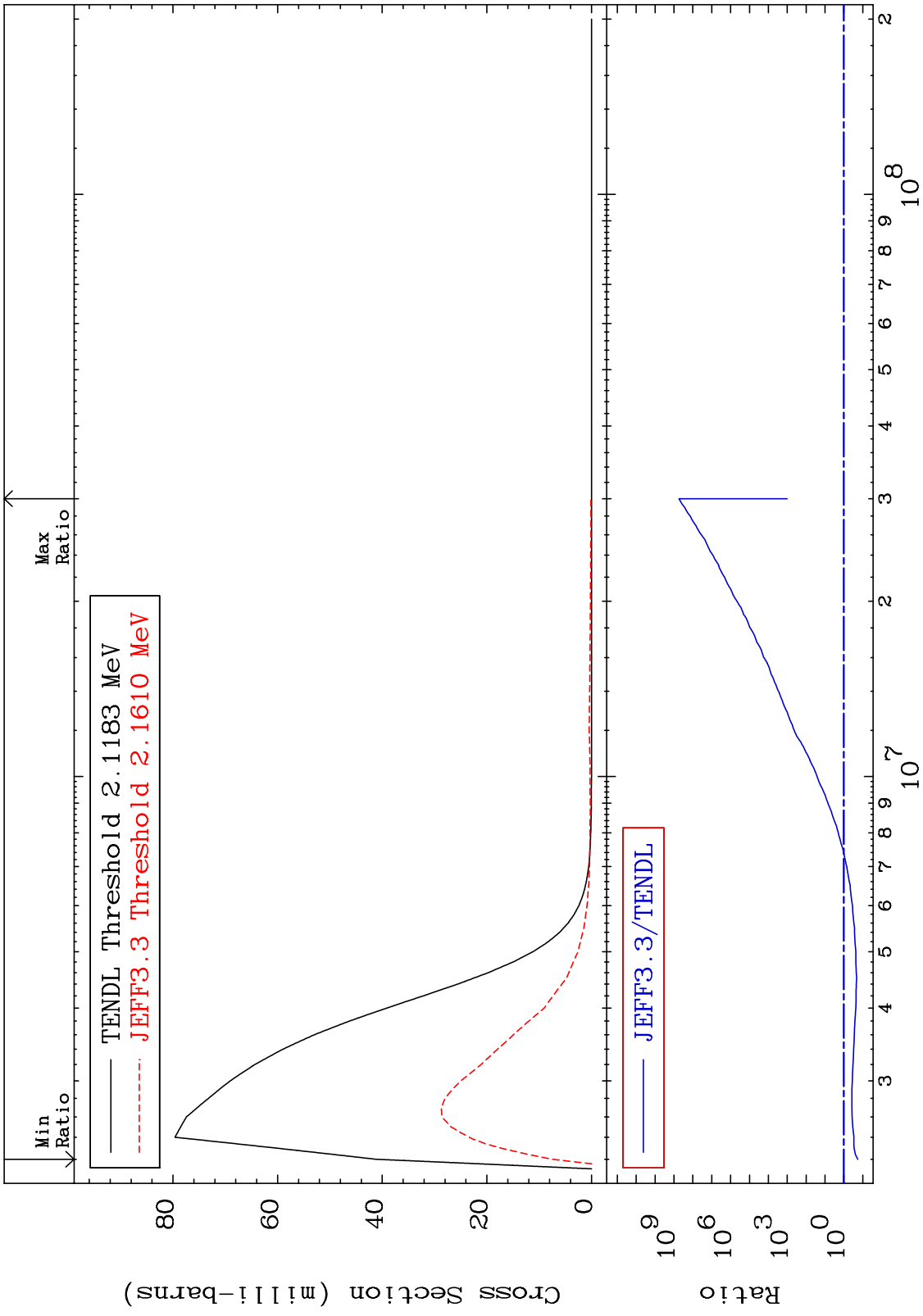
MAT 4643 MT= 64 (n,n') Level Cross Section 46-Pd-108 -56.75 To -22.77%



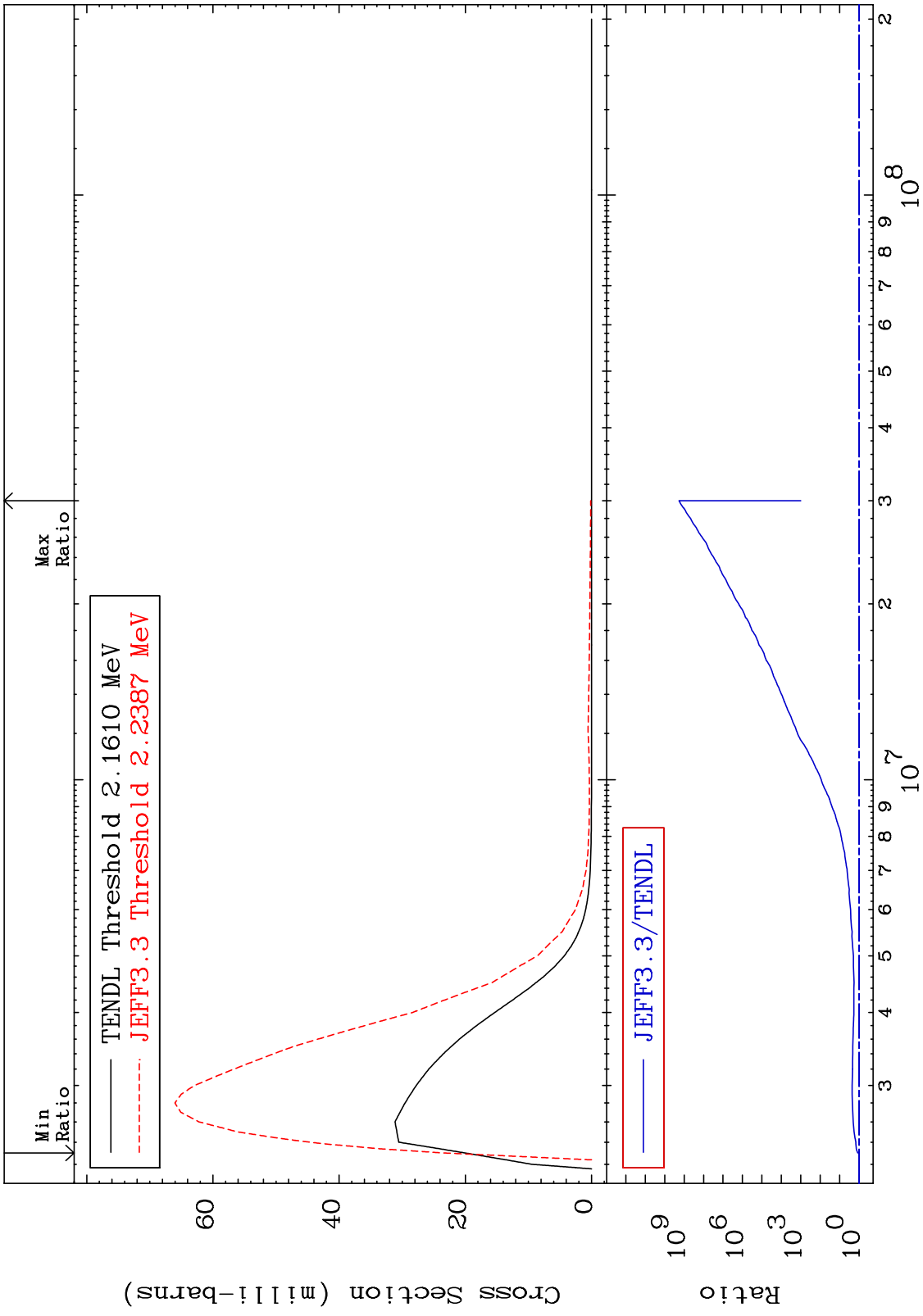
MAT 4643 MT= 65 (n,n') Level Cross Section 46-Pd-108
 -35.68 To 9999. %



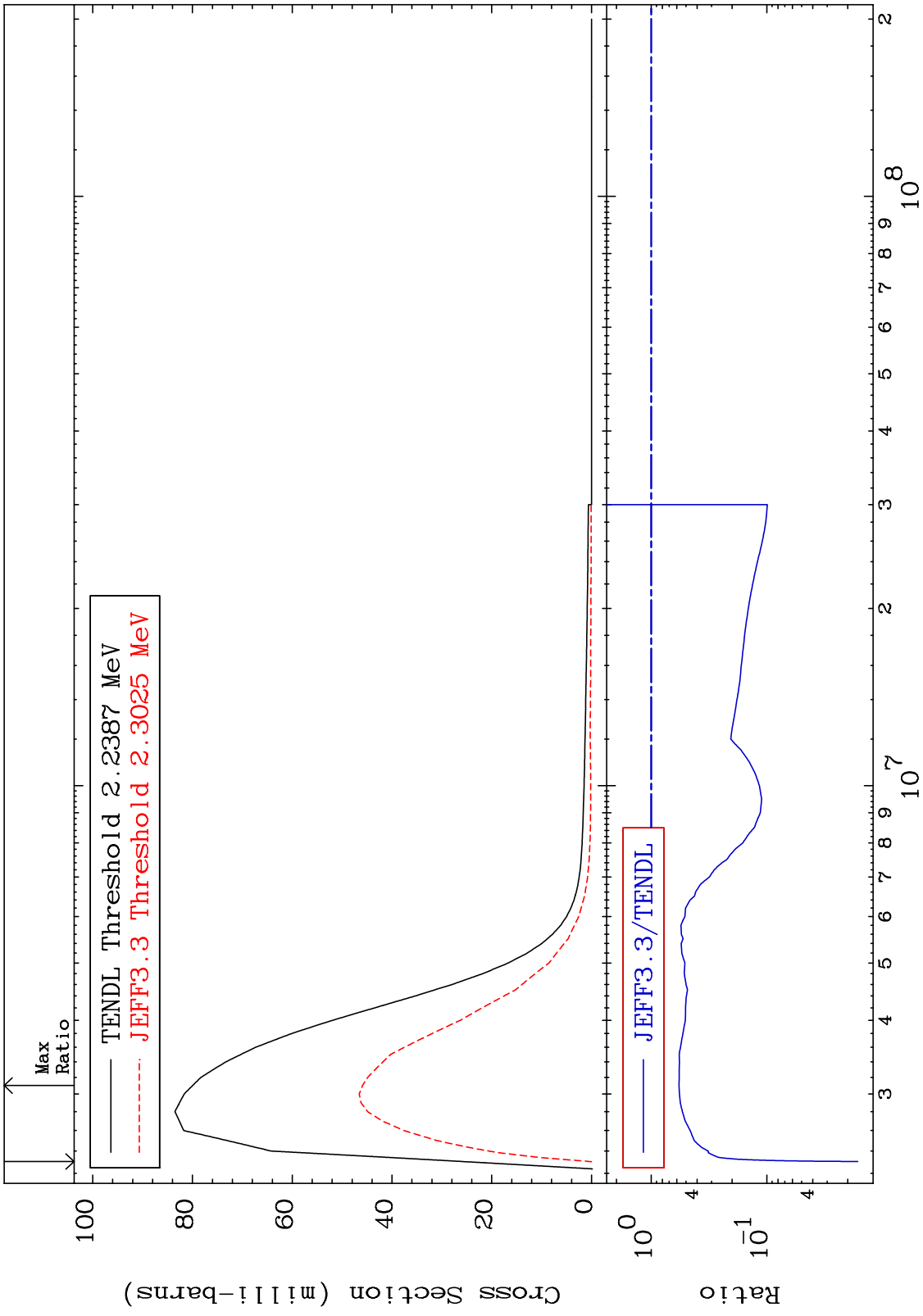
MAT 4643 MT= 66 (n,n') Level Cross Section 46-Pd-108
 -81.72 To 9999. %



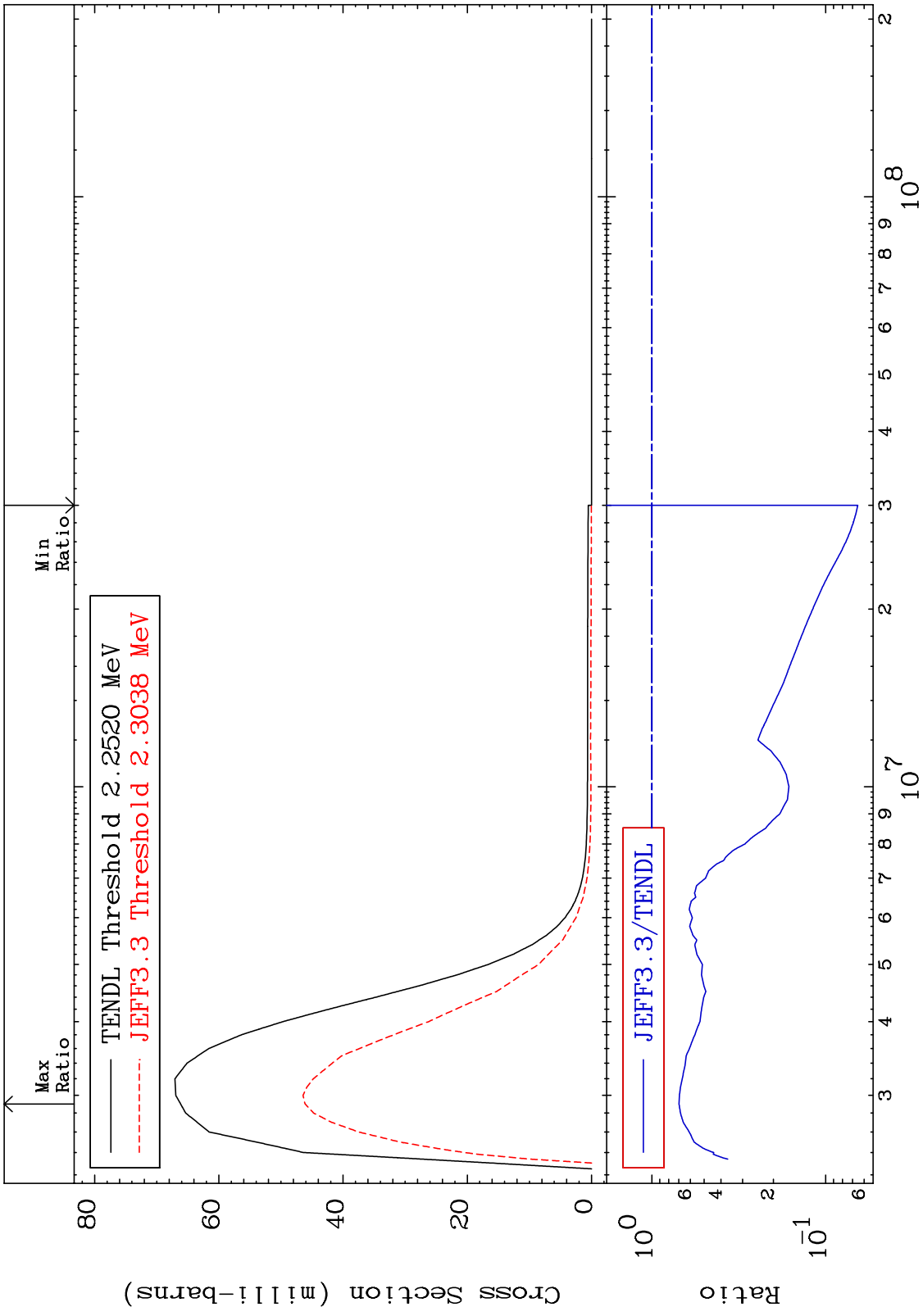
MAT 4643 MT= 67 (n,n') Level Cross Section 46-Pd-108
 16.18 To 9999. %



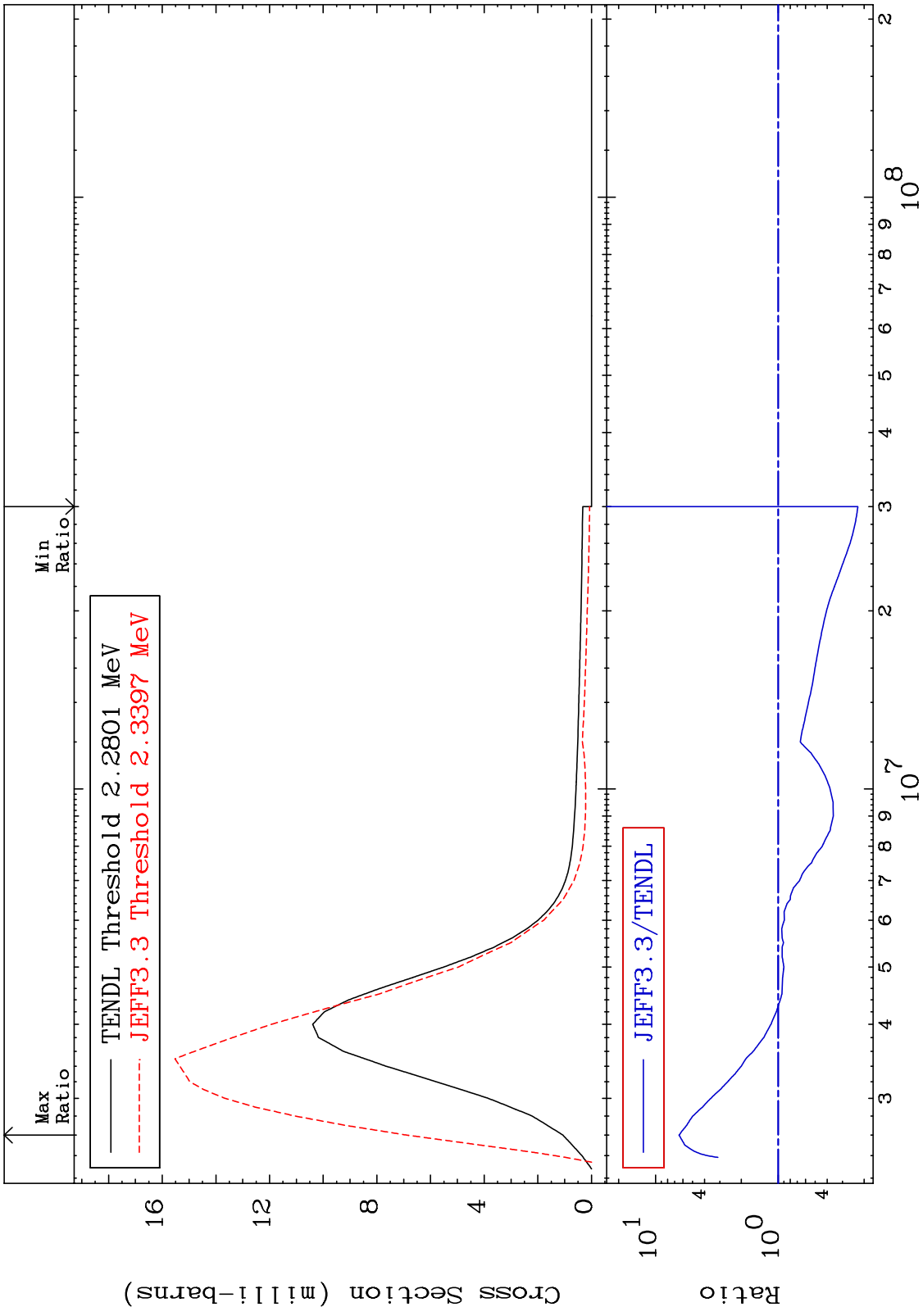
MAT 4643 MT= 68 (n,n') Level 46-Pd-108
 Cross Section -98.37 To -42.60%



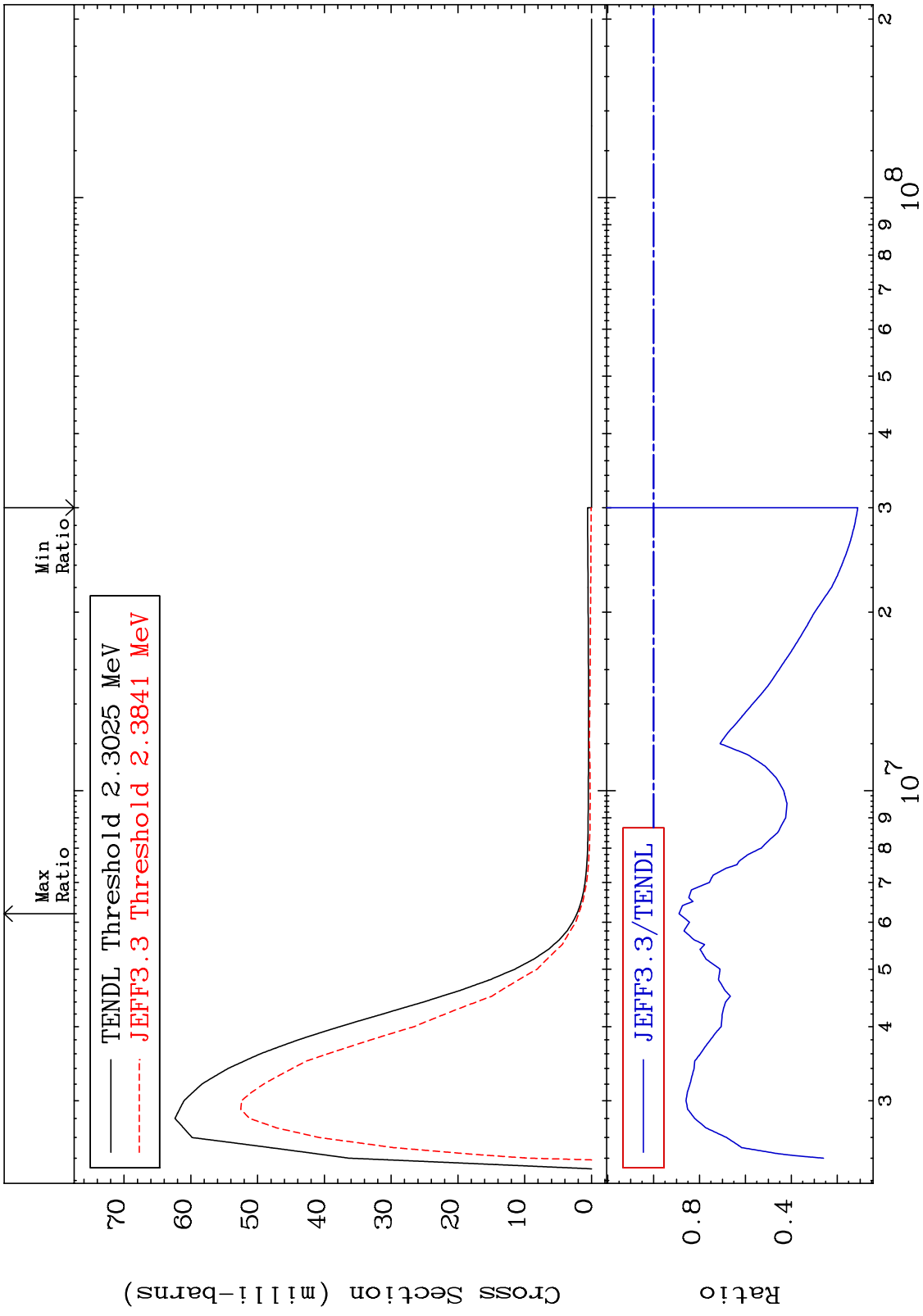
MAT 4643 MT= 69 (n,n') Level Cross Section 46-Pd-108
 -93.47 To -30.29%



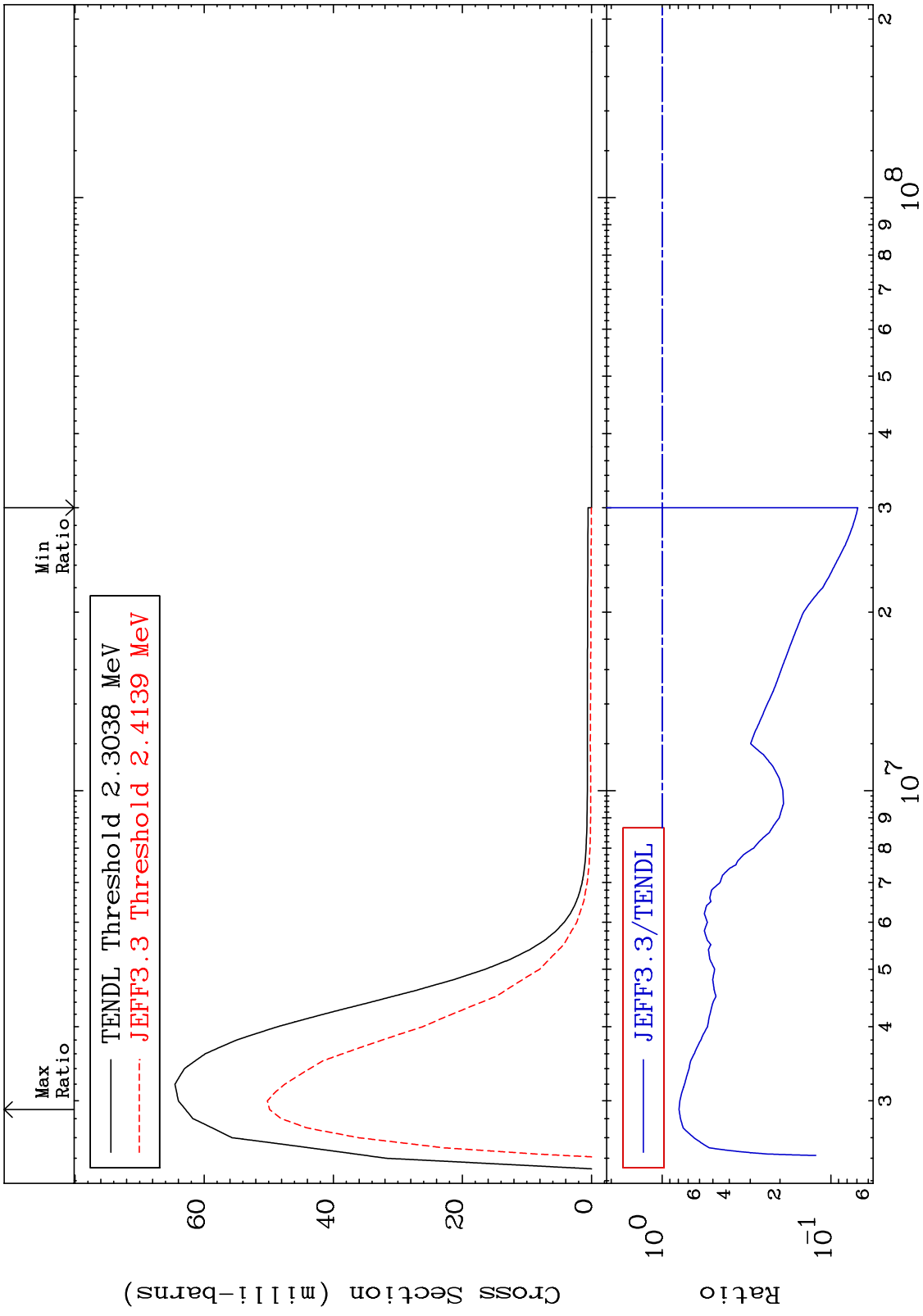
MAT 4643 MT= 70 (n,n') Level Cross Section 46-Pd-108
 -77.51 To 544.3 %



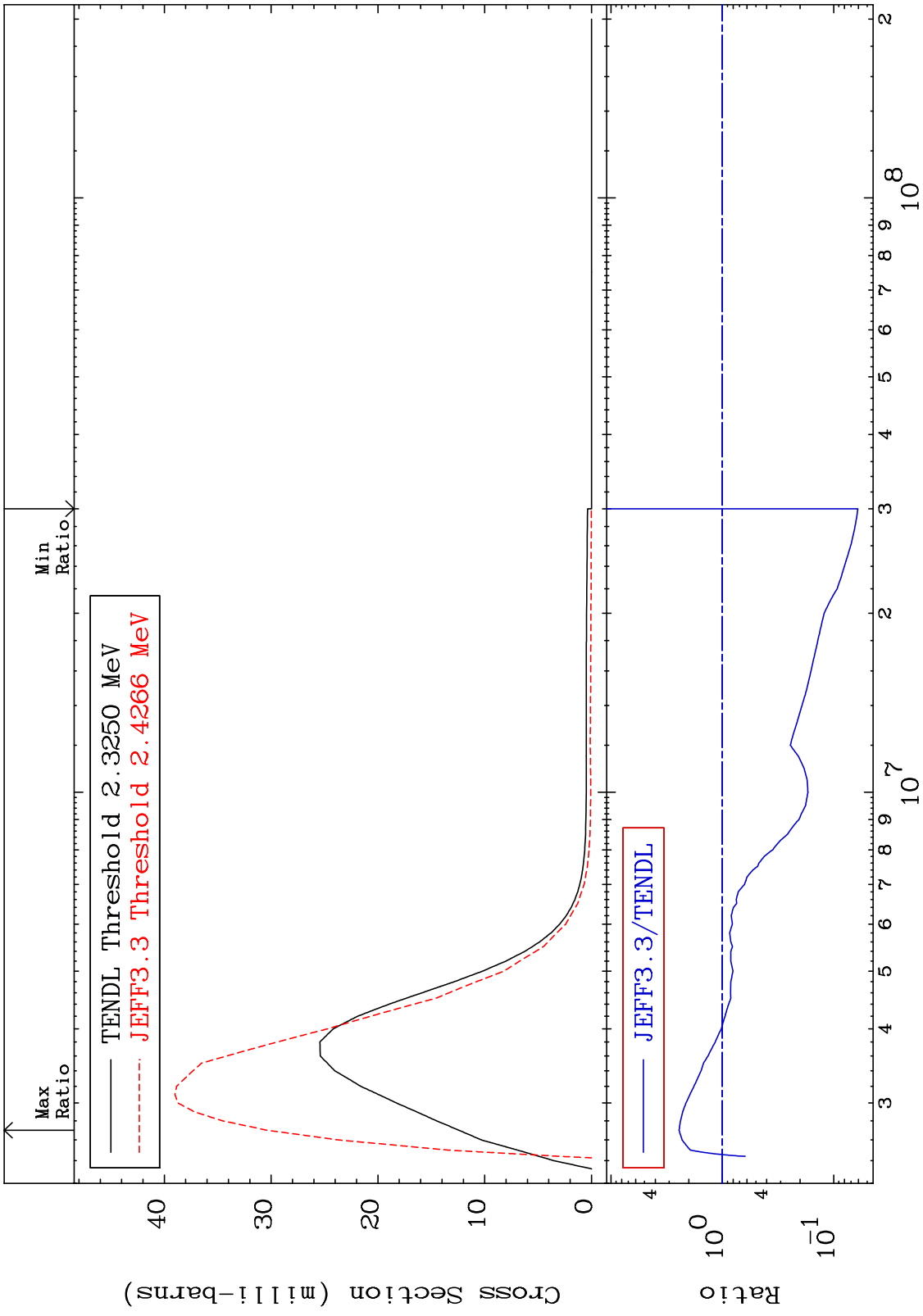
MAT 4643 MT= 71 (n,n') Level Cross Section 46-Pd-108 -89.00 To -11.09%



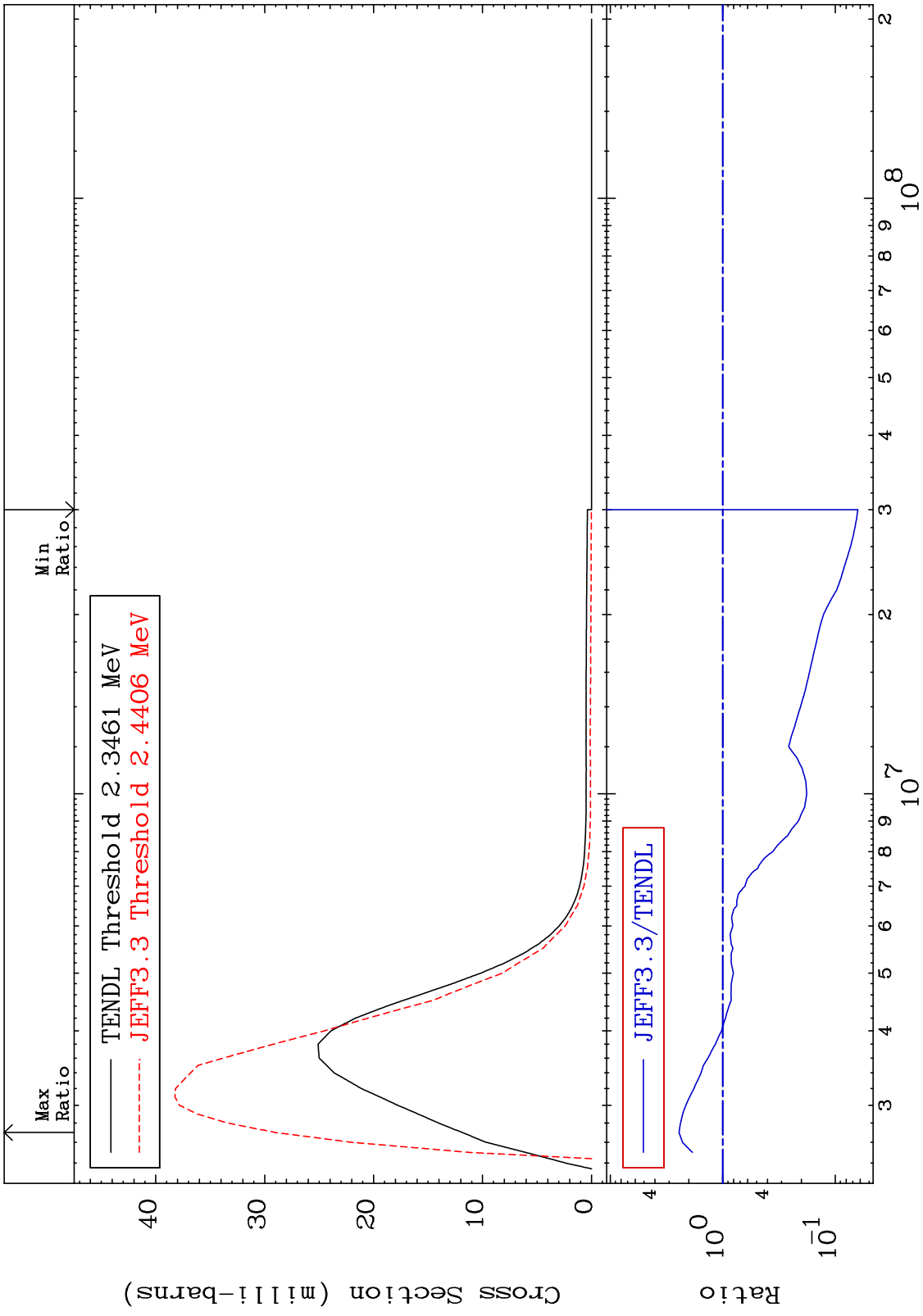
MAT 4643 MT= 72 (n,n') Level Cross Section 46-Pd-108
 -93.09 To -20.69%

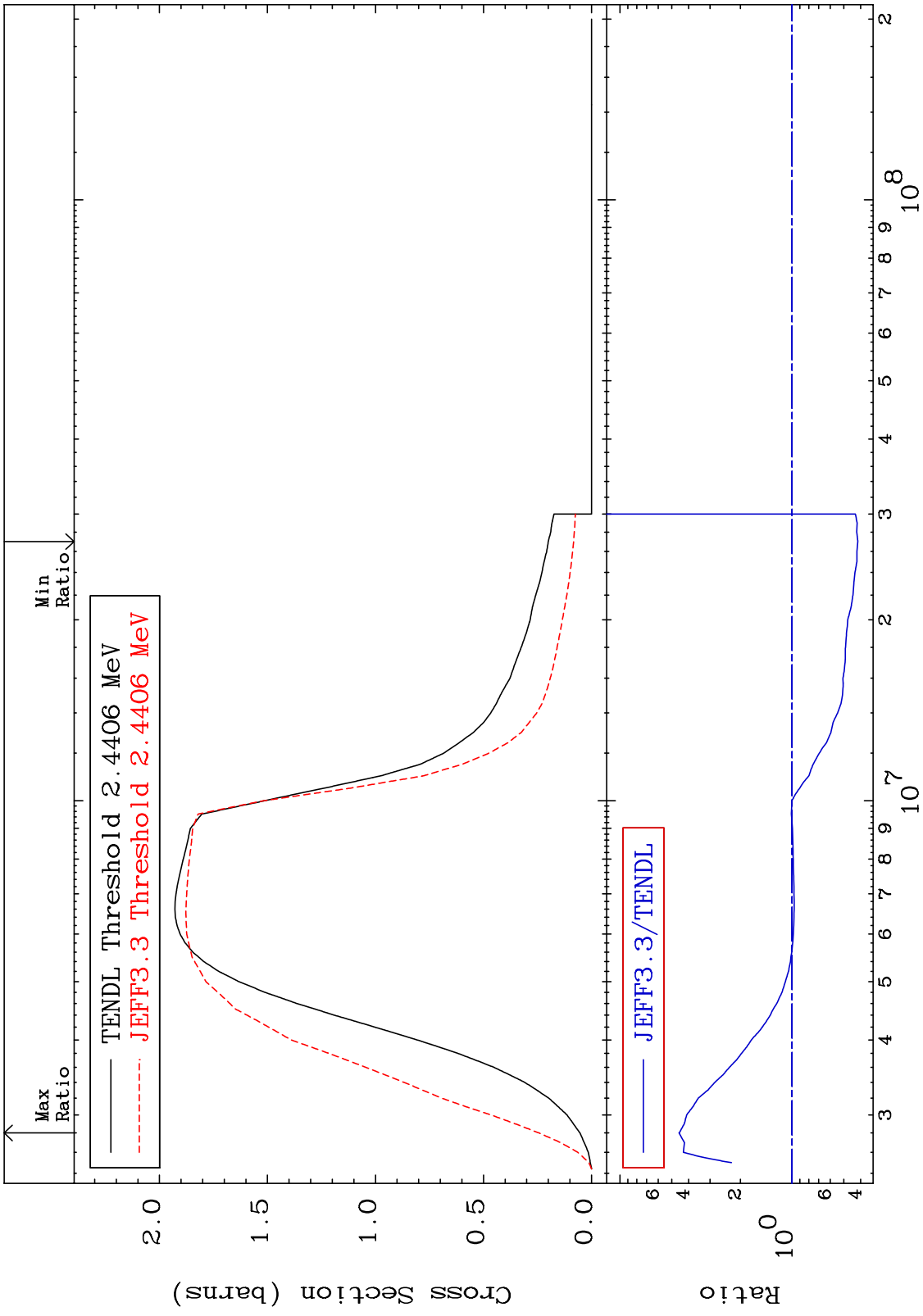


MAT 4643 MT= 73 (n,n') Level Cross Section 46-Pd-108
 -93.93 To 144.8 %



MAT 4643 MT= 74 (n,n') Level 46-Pd-108
 Cross Section -93.70 To 144.6 %





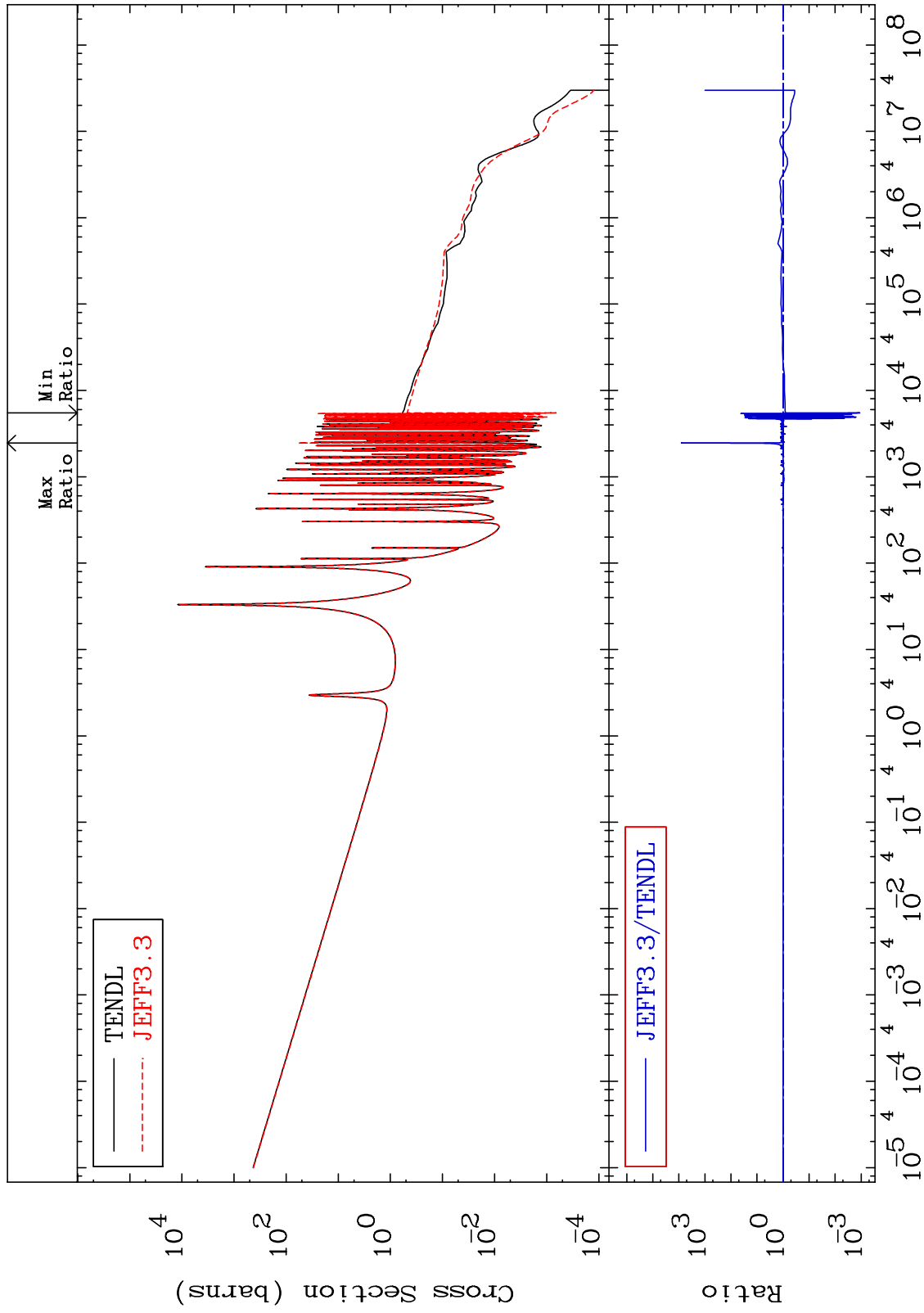
MAT 4643

(n, γ)

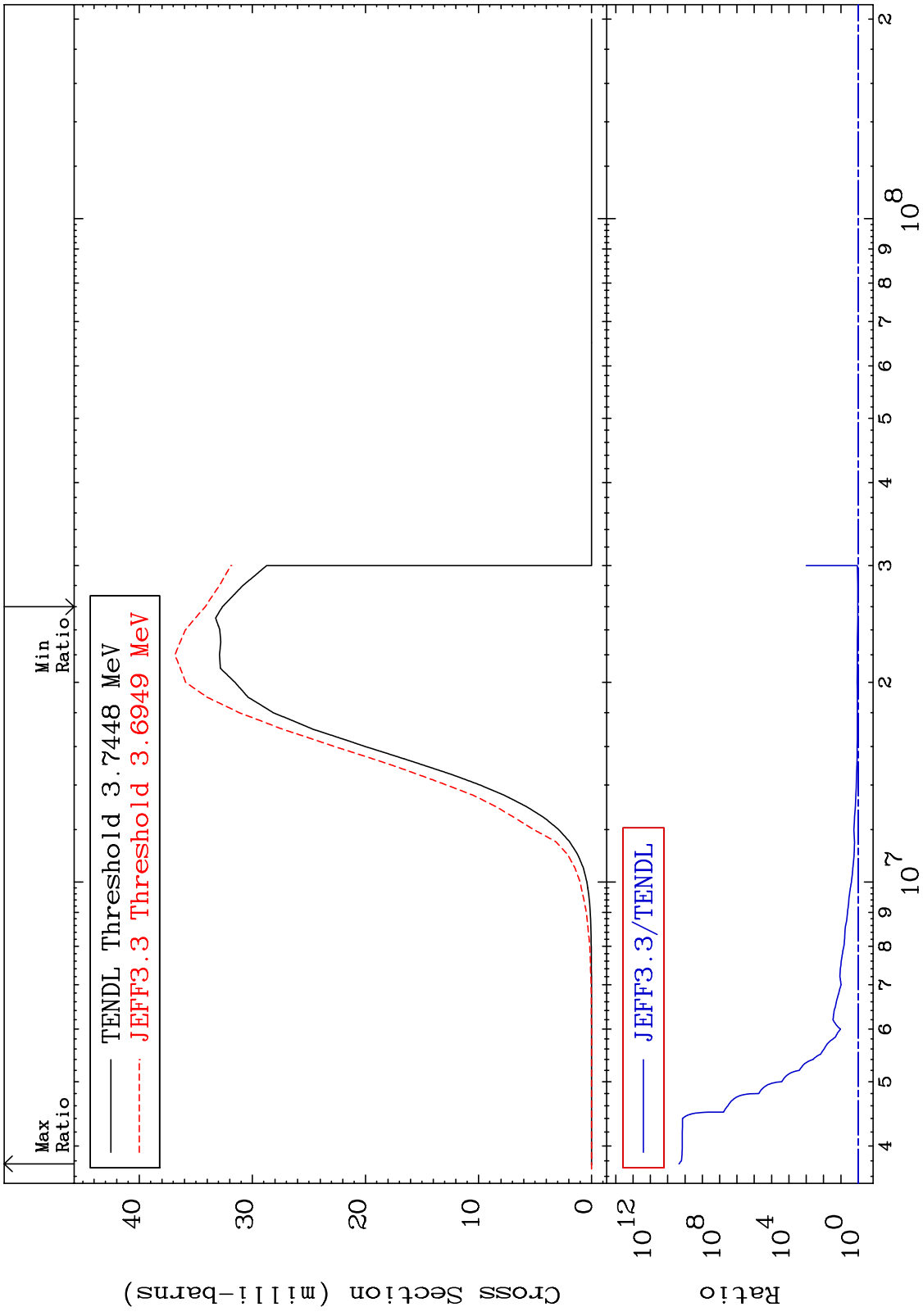
46-Pd-108

-99.89 To 9999. %

Cross Section

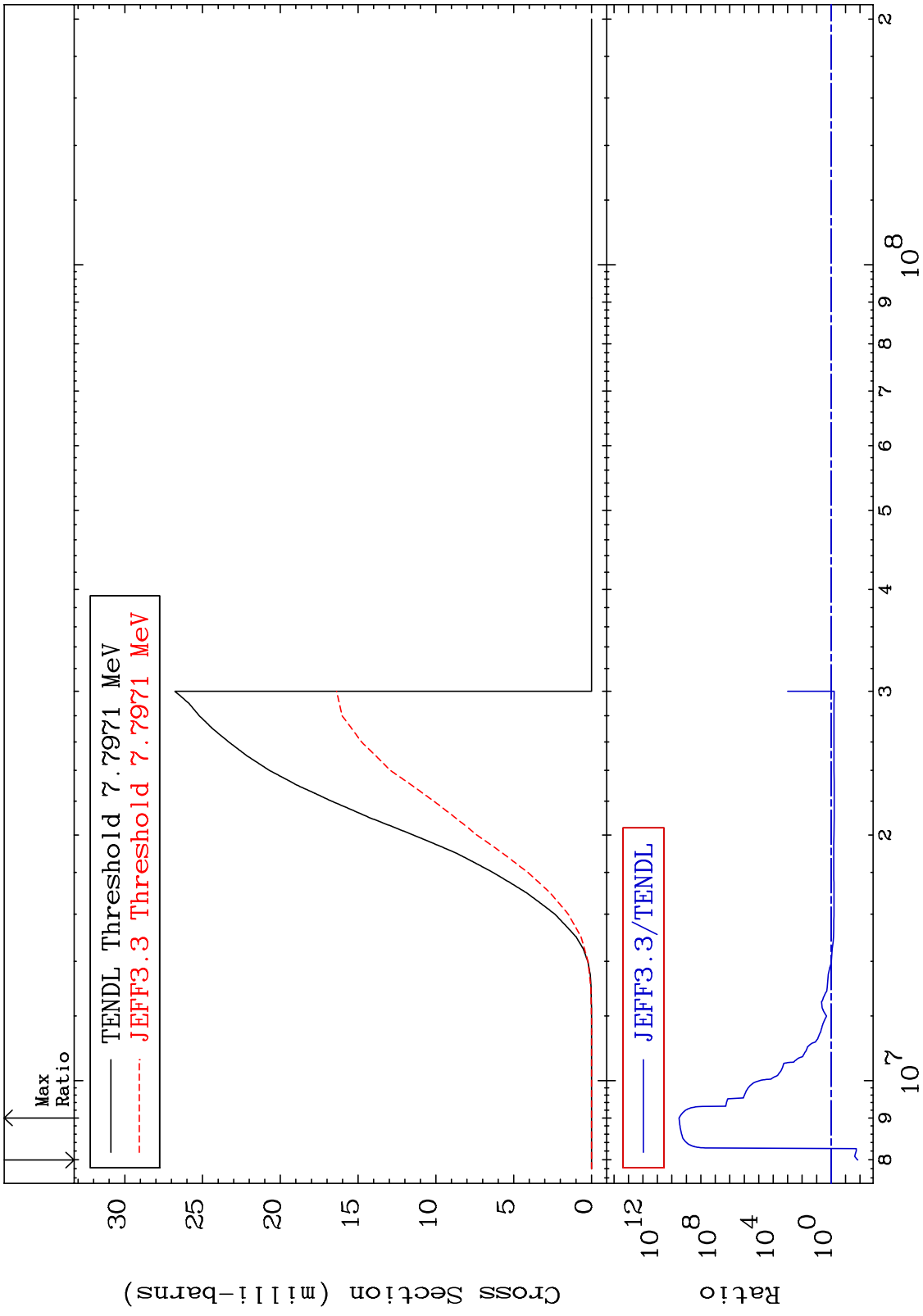


MAT 4643 (n,p) Cross Section 46-Pd-108 To 9999. %
 4.665



38 Incident Energy (eV) 46-Pd-108

MAT 4643 (n,d) Cross Section 46-Pd-108
 -98.58 To 9999. %



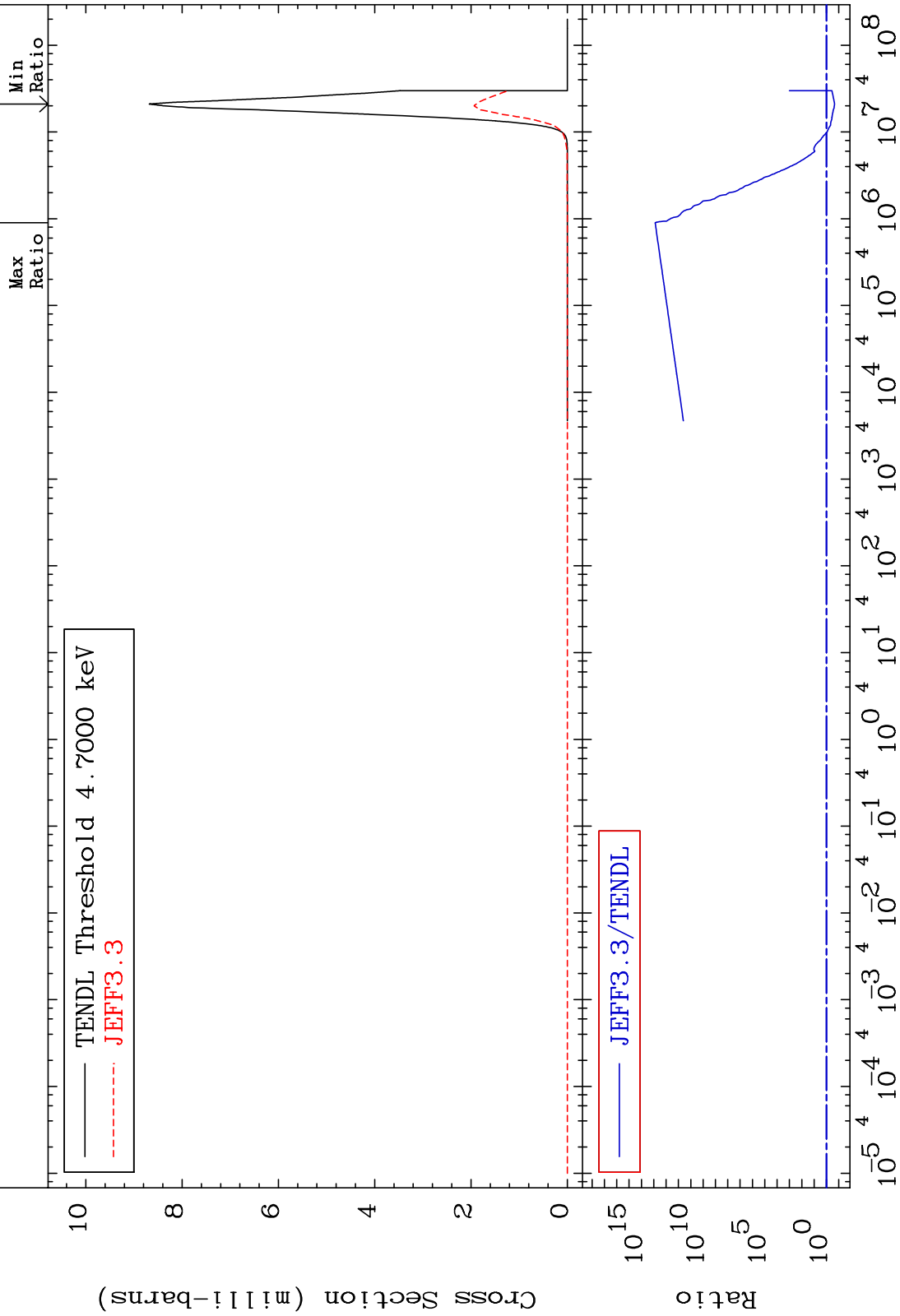
MAT 4643

(n, α)

46-Pd-108

Cross Section

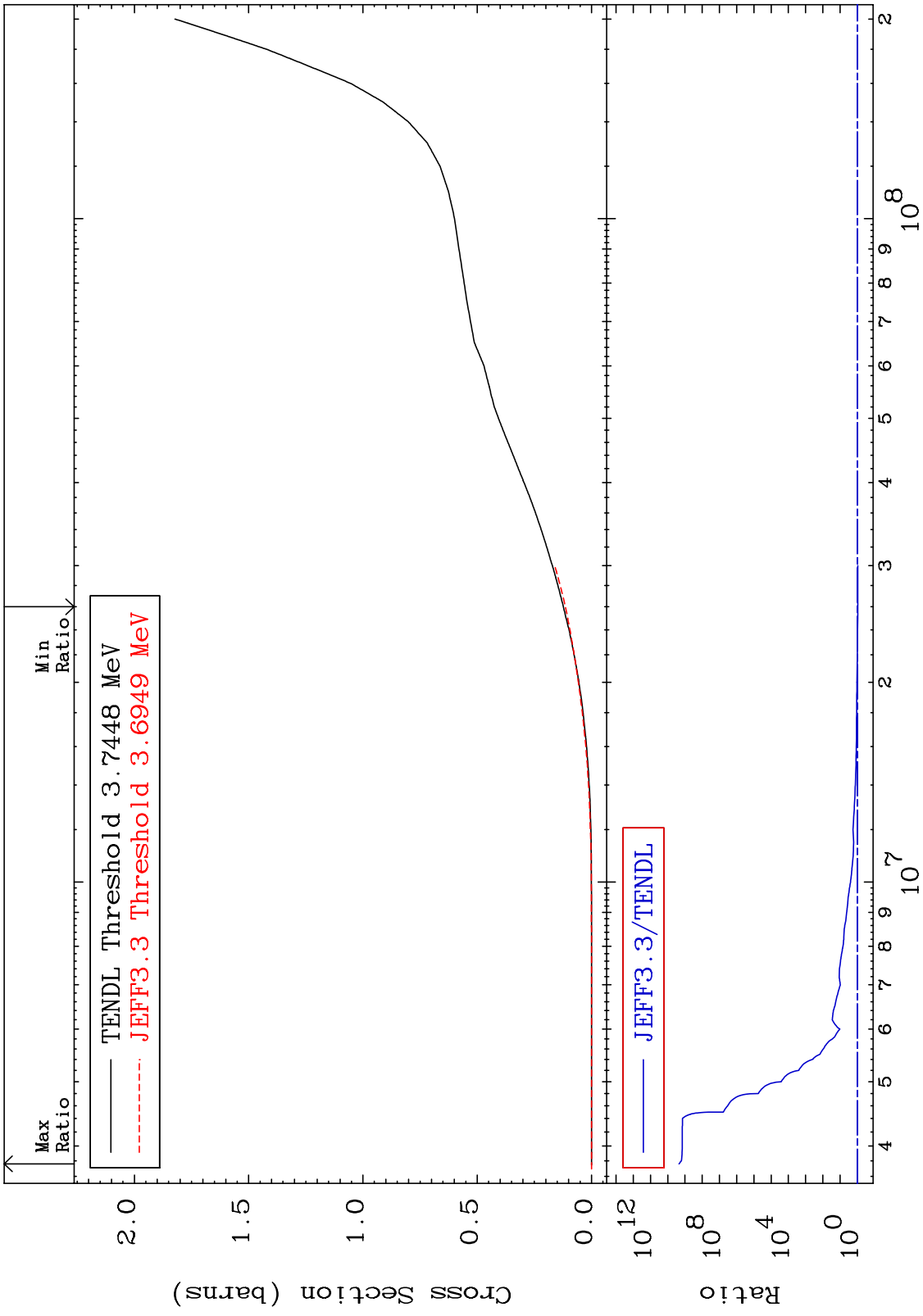
-78.22 To 9999. %



40

Incident Energy (eV)

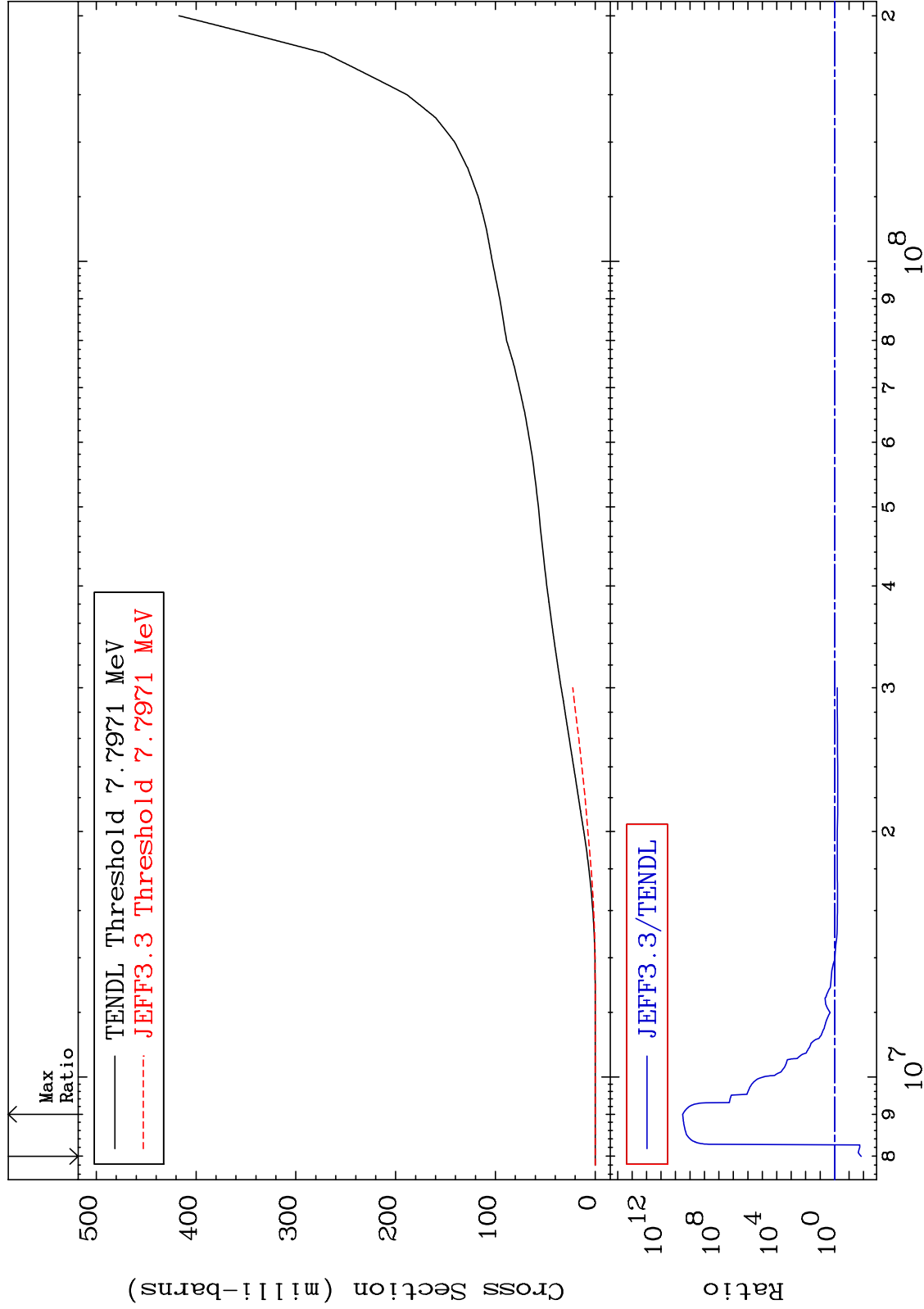
46-Pd-108



MAT 4643

Deuterium Production
Cross Section

46-Pd-108
-98.58 To 9999. %



42

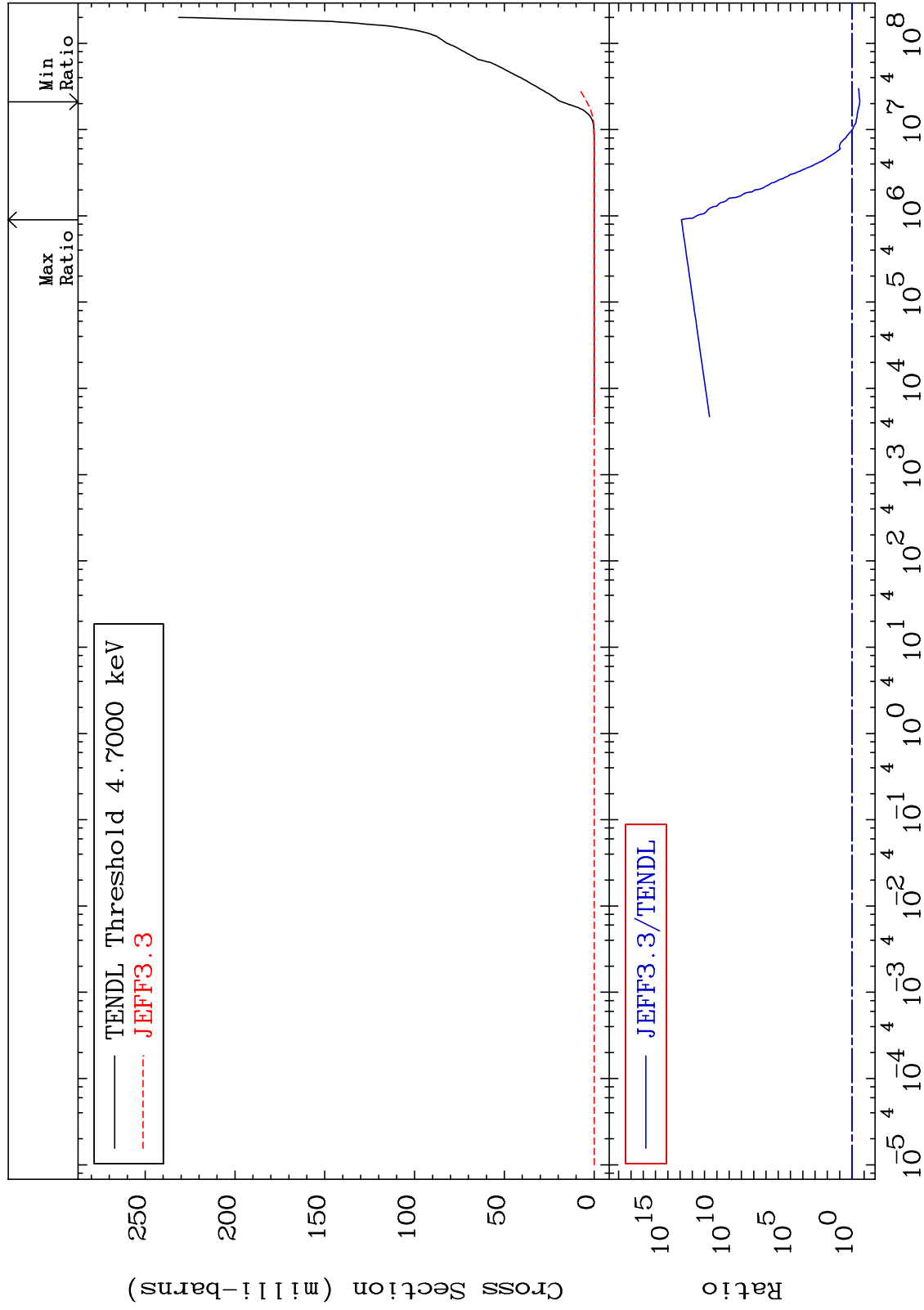
Incident Energy (eV)

46-Pd-108

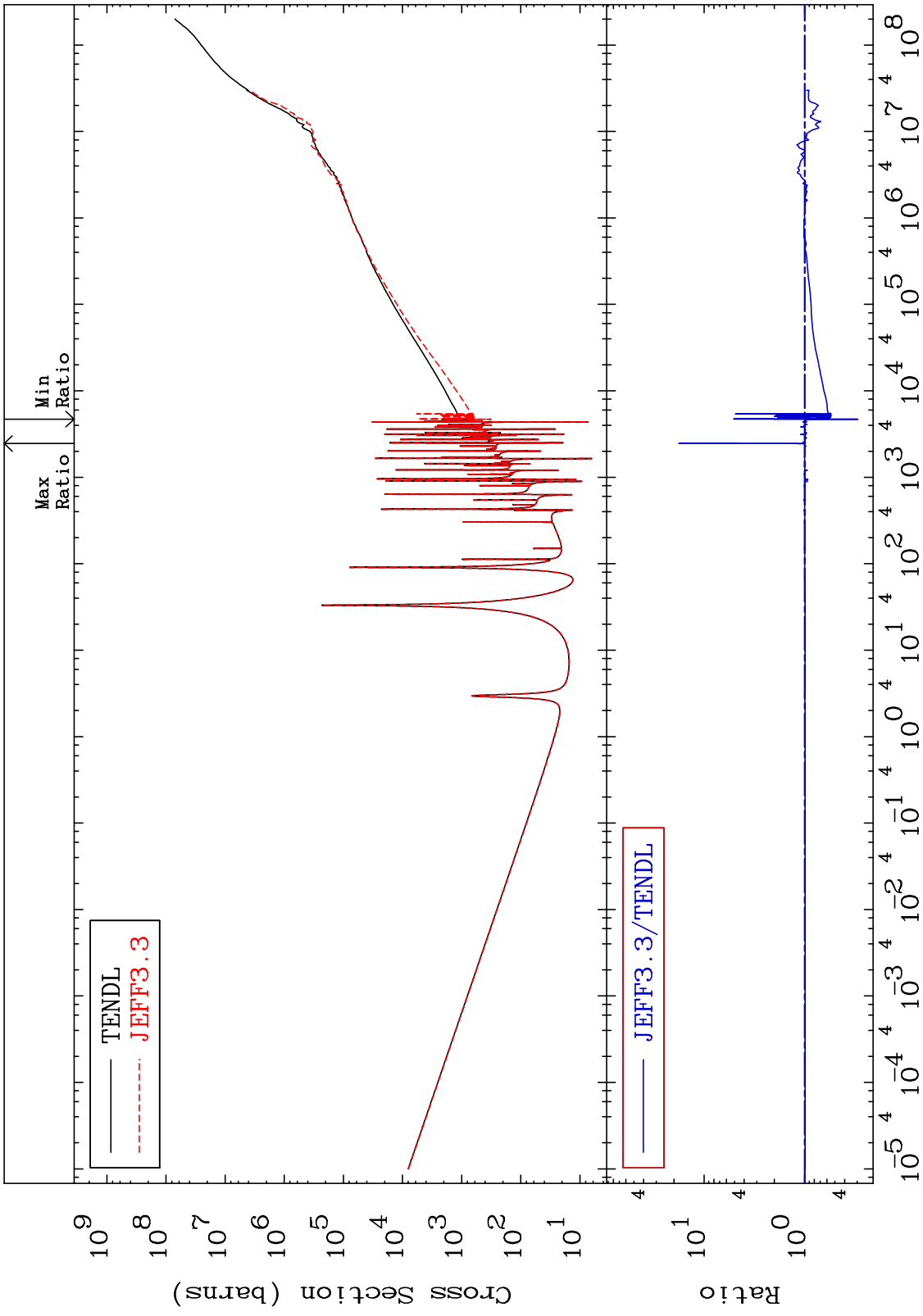
MAT 4643

He-4 Production
Cross Section

46-Pd-108
-77.42 To 9999. %



MAT 4643 Kerma total (eV-barns) 46-Pd-108
 Cross Section -70.44 To 1677. %

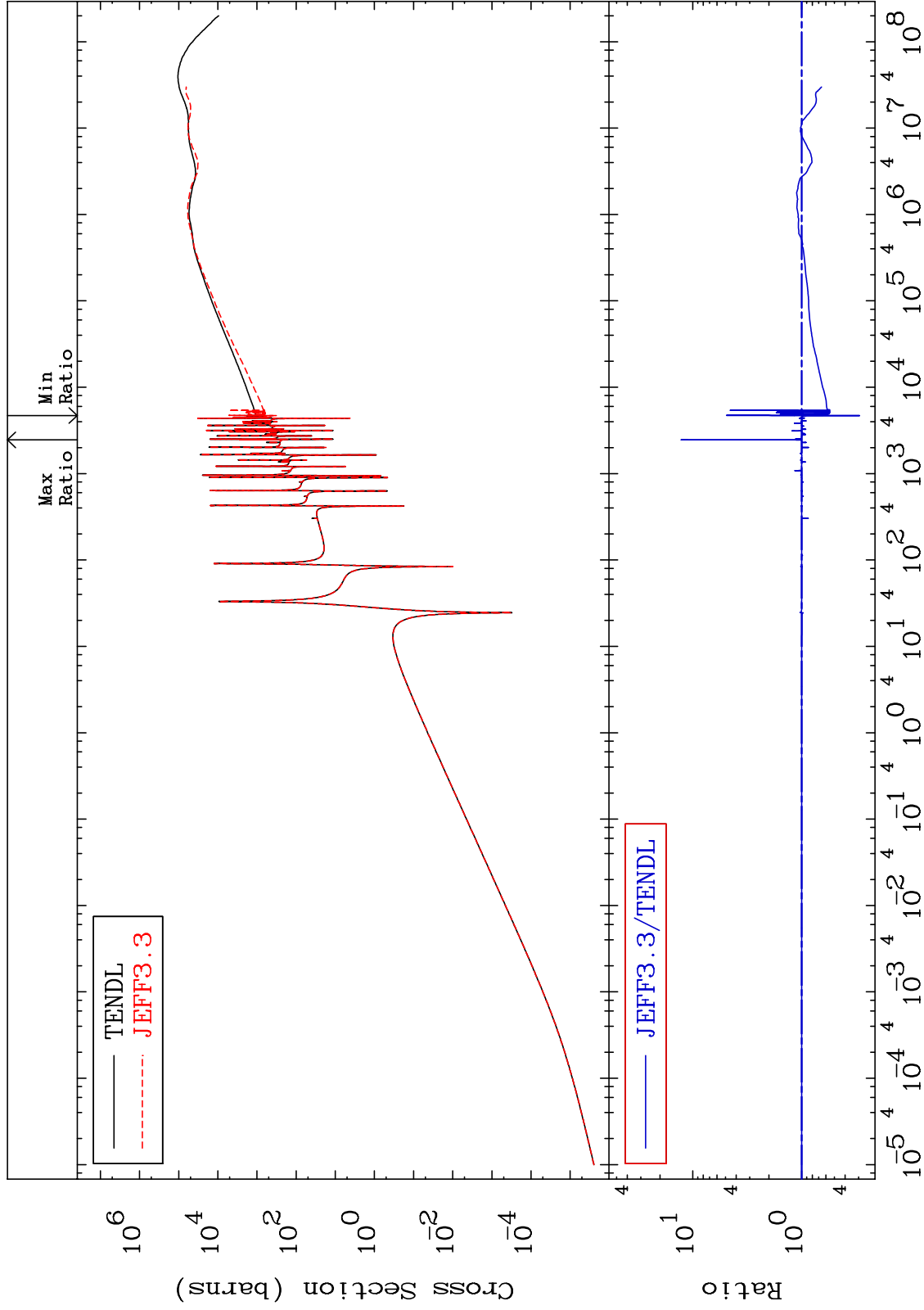


44 46-Pd-108

MAT 4643

Kerma elastic
Cross Section

46-Pd-108
-70.68 To 1176. %

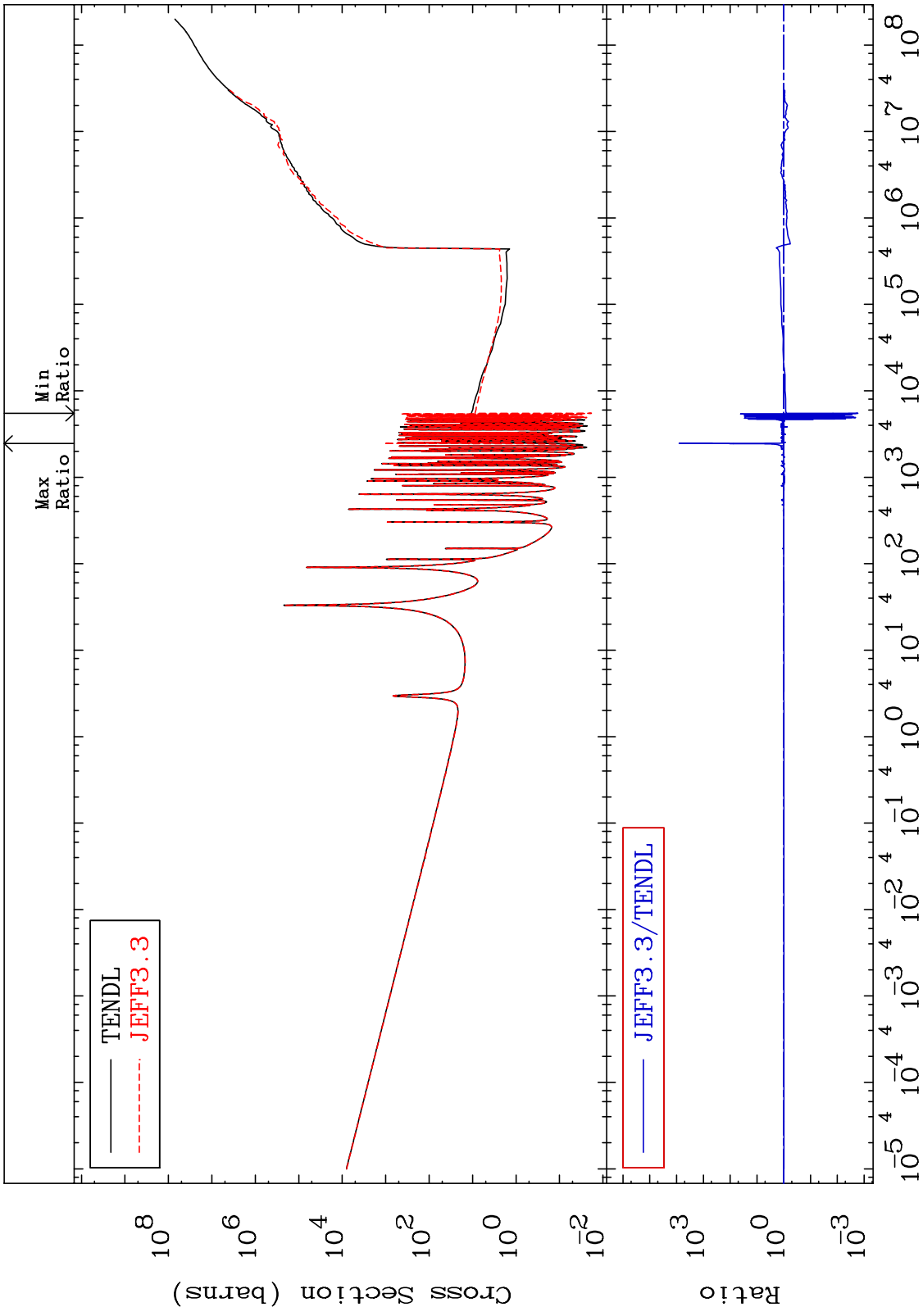


45

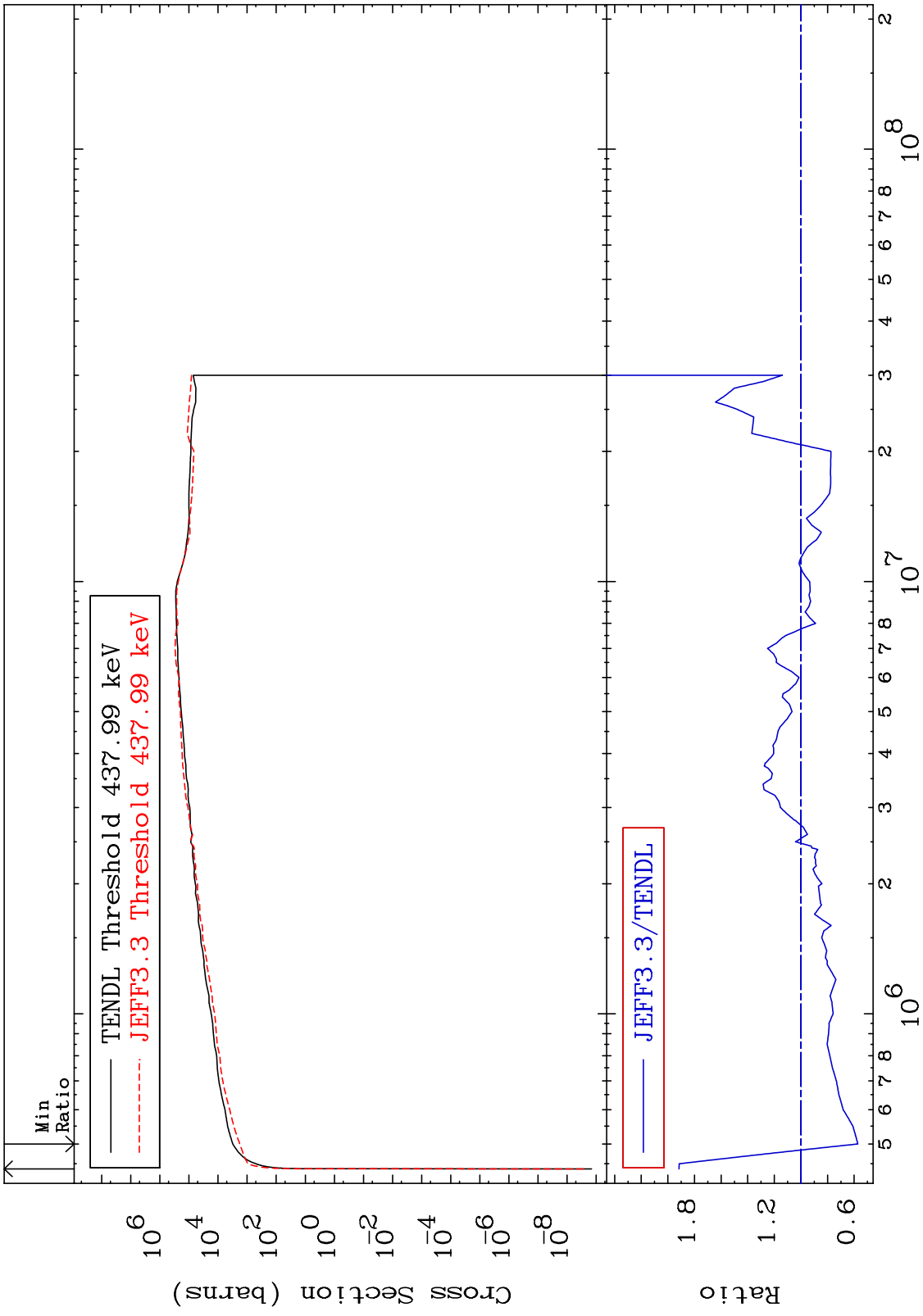
Incident Energy (eV)

46-Pd-108

MAT 4643 Kerma non-elastic (all but mt.2) 46-Pd-108
Cross Section -99.83 To 9999. %



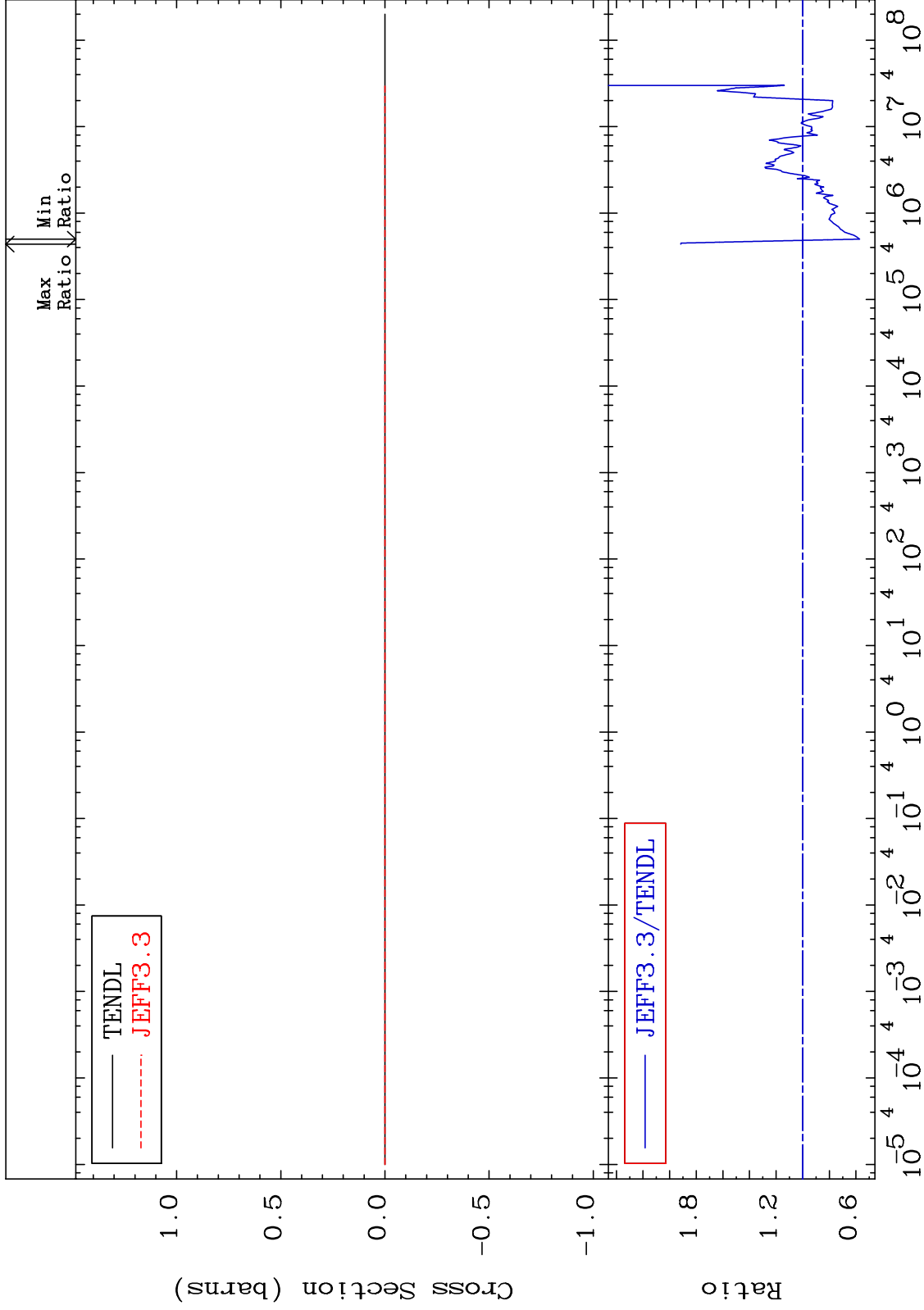
MAT 4643 Kerma inelastic (mt51-91) 46-Pd-108
 Cross Section -42.75 To 91.60 %



MAT 4643

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

46-Pd-108
-42.75 To 91.60 %



48

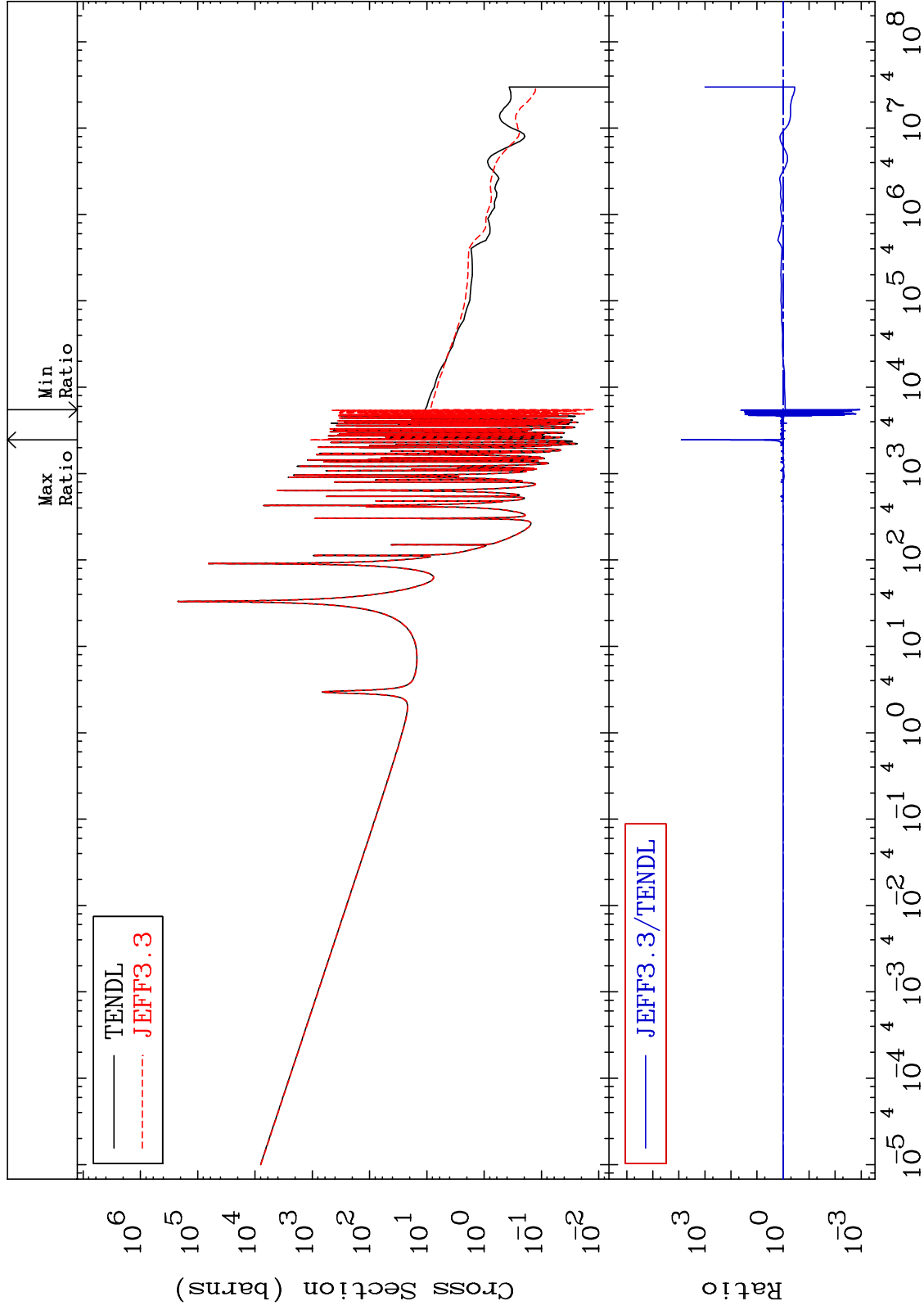
Incident Energy (eV)

46-Pd-108

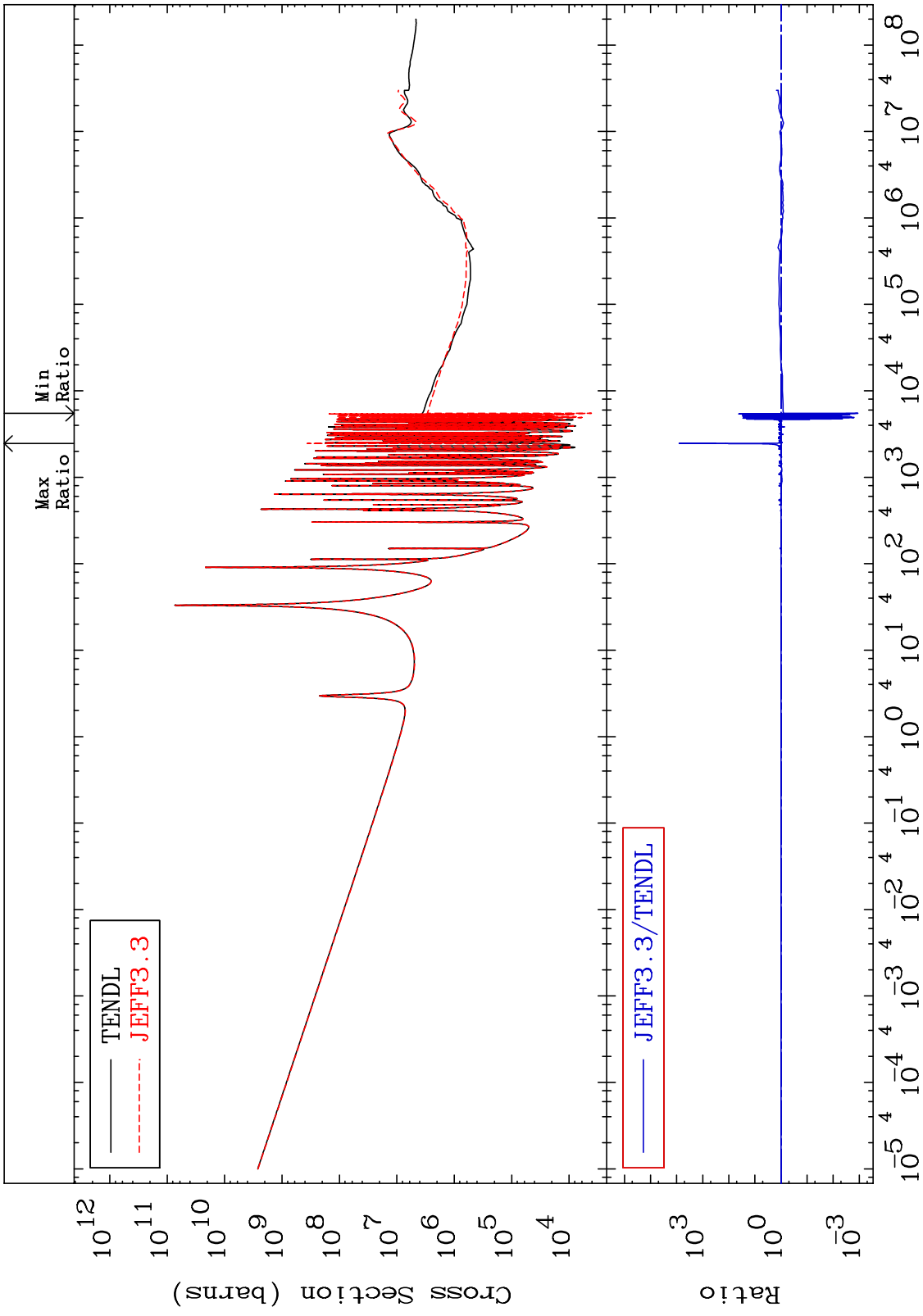
MAT 4643

Kerma capture (mt102)
Cross Section

46-Pd-108
-99.89 To 9999. %



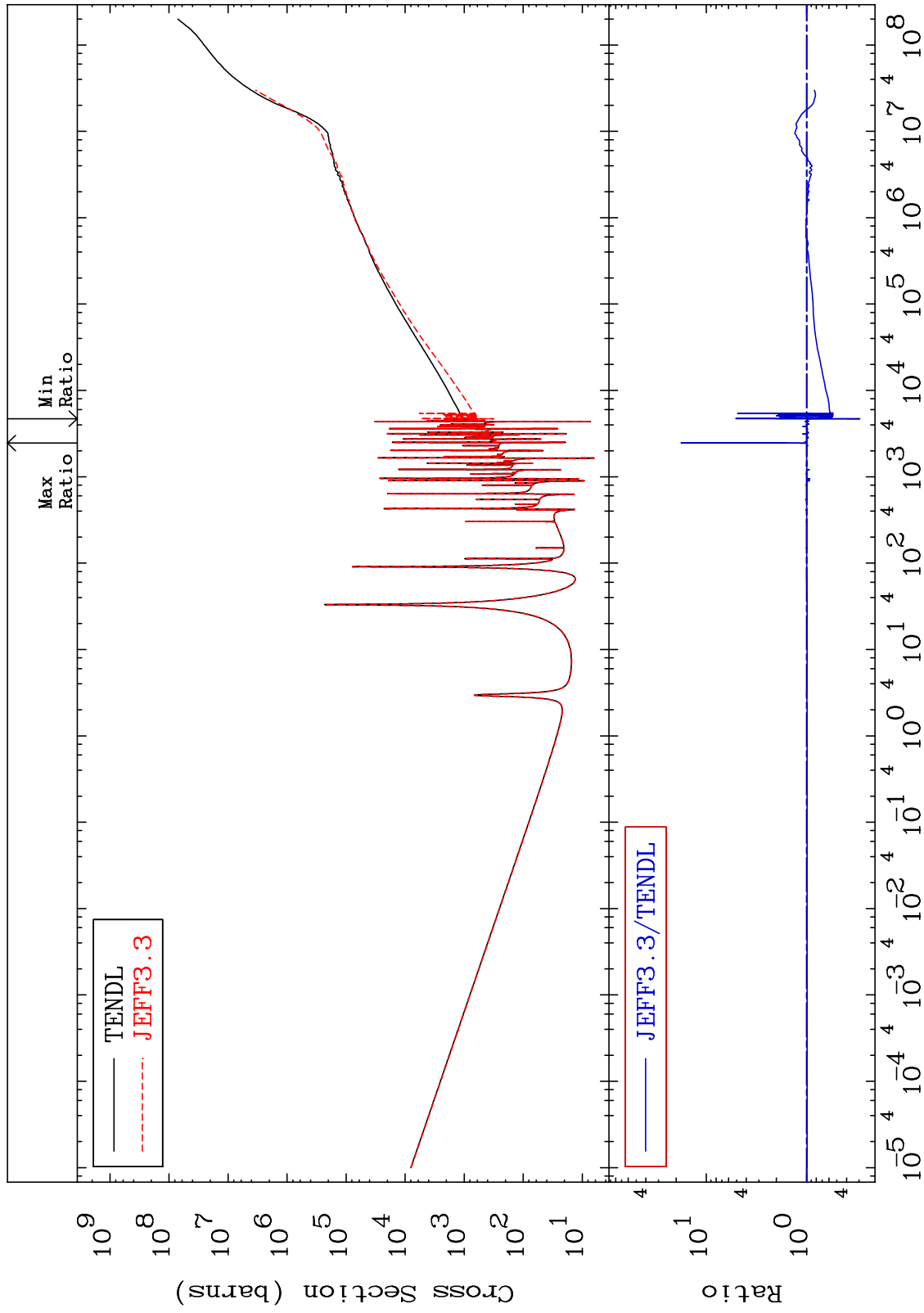
MAT 4643 Total photon (eV-barns) 46-Pd-108
Cross Section -99.89 To 9999. %



MAT 4643

Total kinematic kerma (high limit)
Cross Section

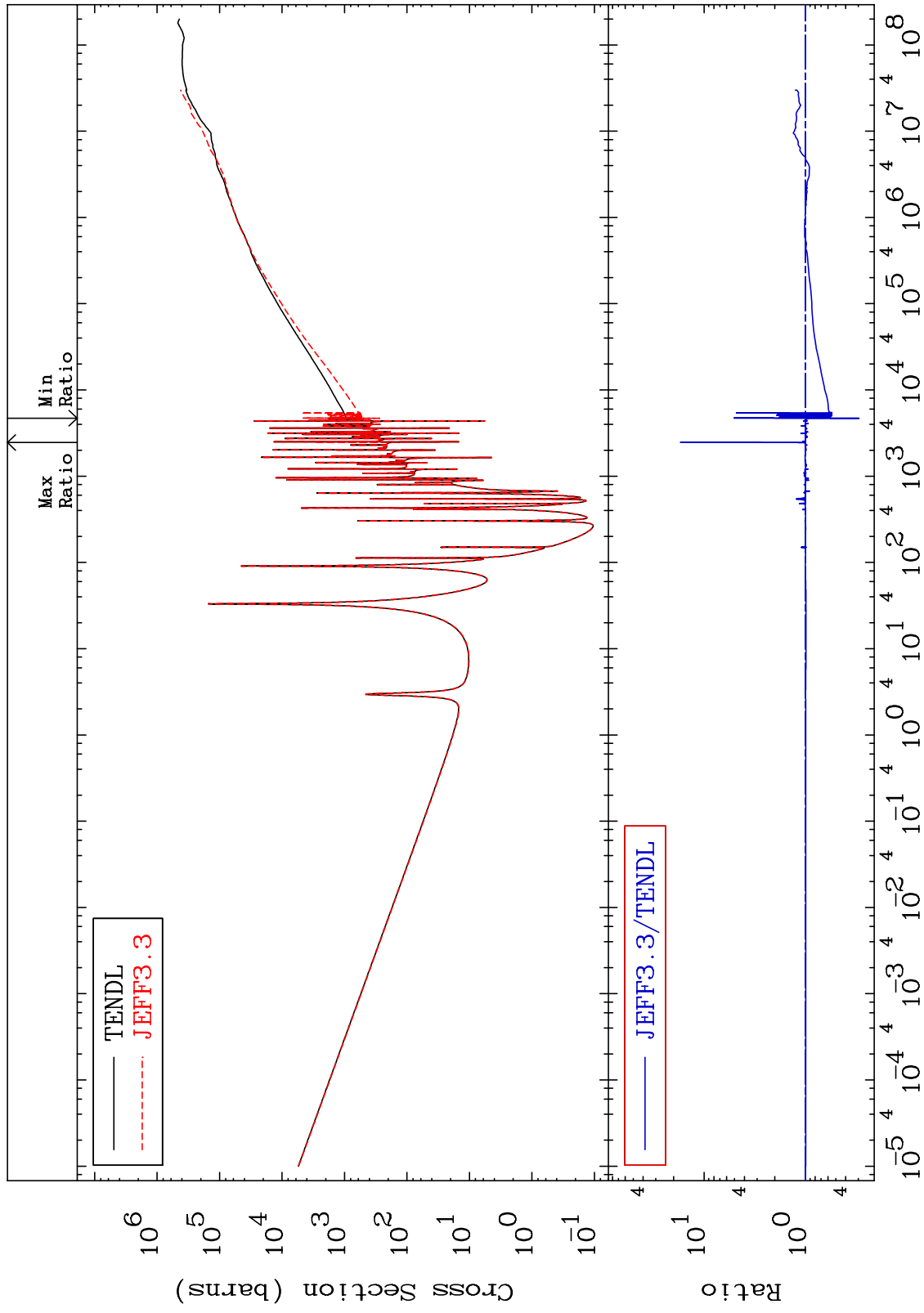
46-Pd-108
-70.44 To 1677. %



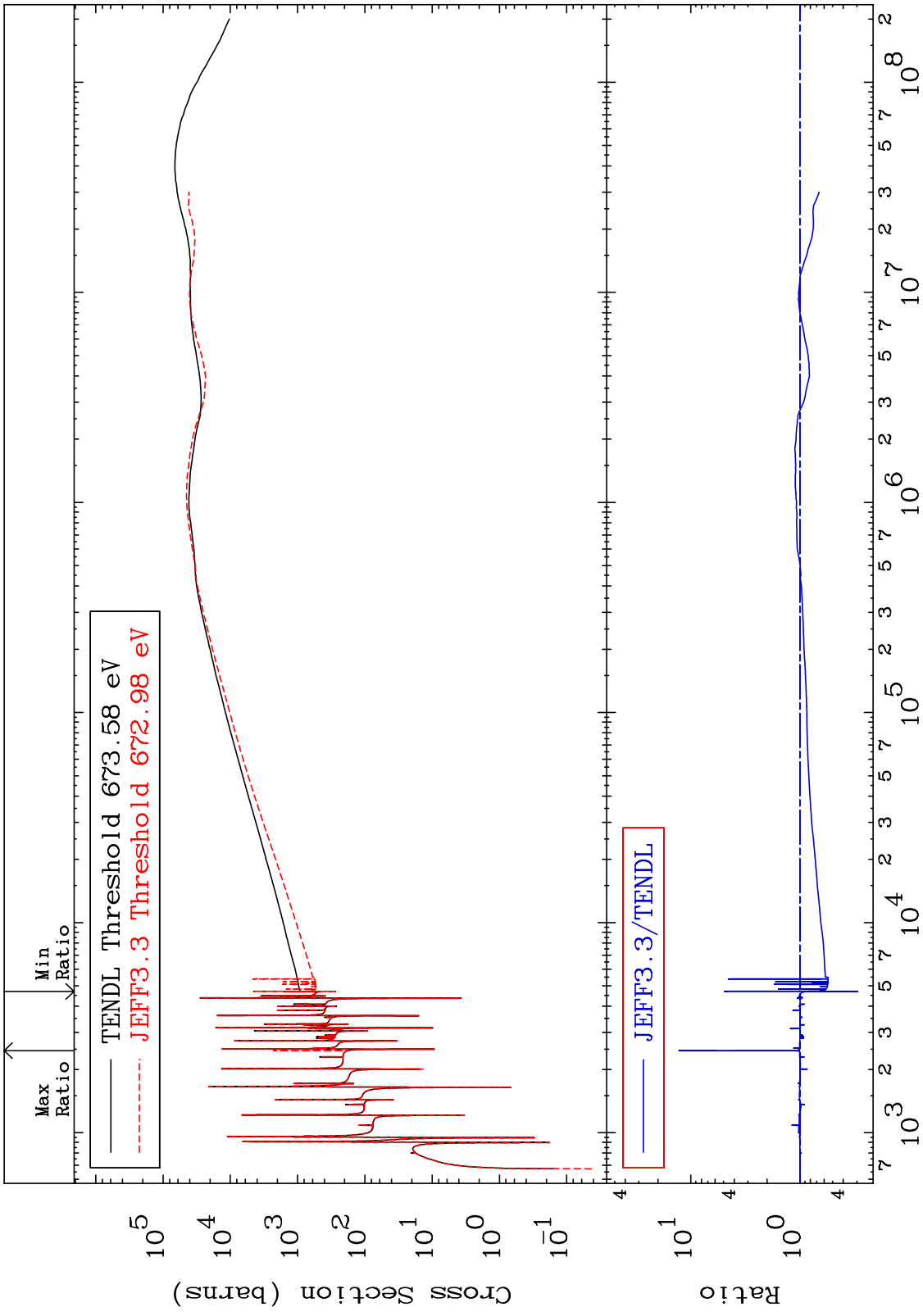
MAT 4643

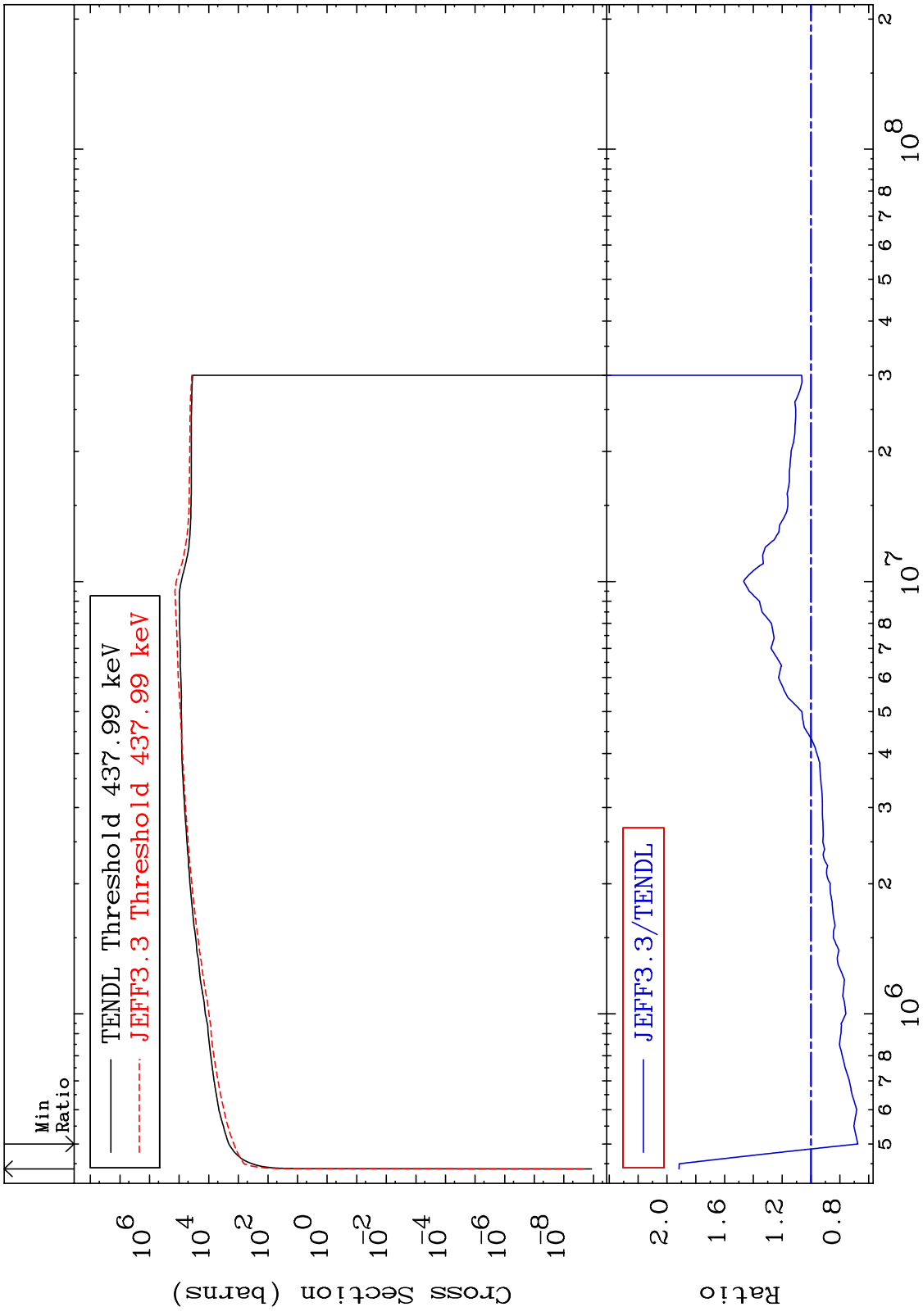
Dpa total (eV-barns)
Cross Section

46-Pd-108
-70.41 To 1601. %



MAT 4643 Dpa elastic (mt2) 46-Pd-108
 Cross Section -70.61 To 1183. %





MAT 4643

Dpa disappearance (mt102 -120)
Cross Section

46-Pd-108
-99.88 To 9999. %

