

Program Complot
(Version 2018-1)

by

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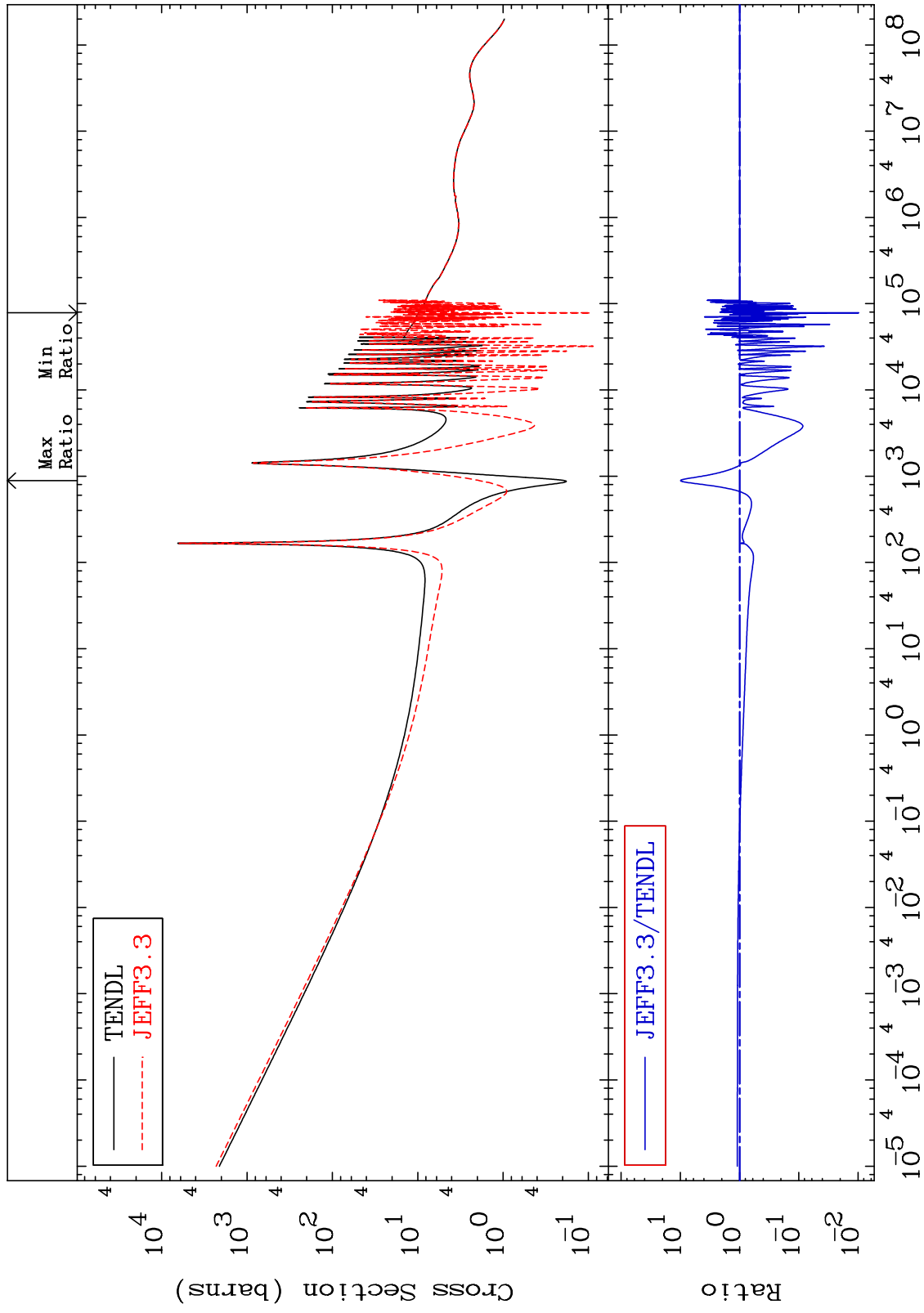
Press Mouse Button to Start

MAT 2325

Total
Cross Section

23-V -50

-99.04 To 888.8 %



Incident Energy (eV)

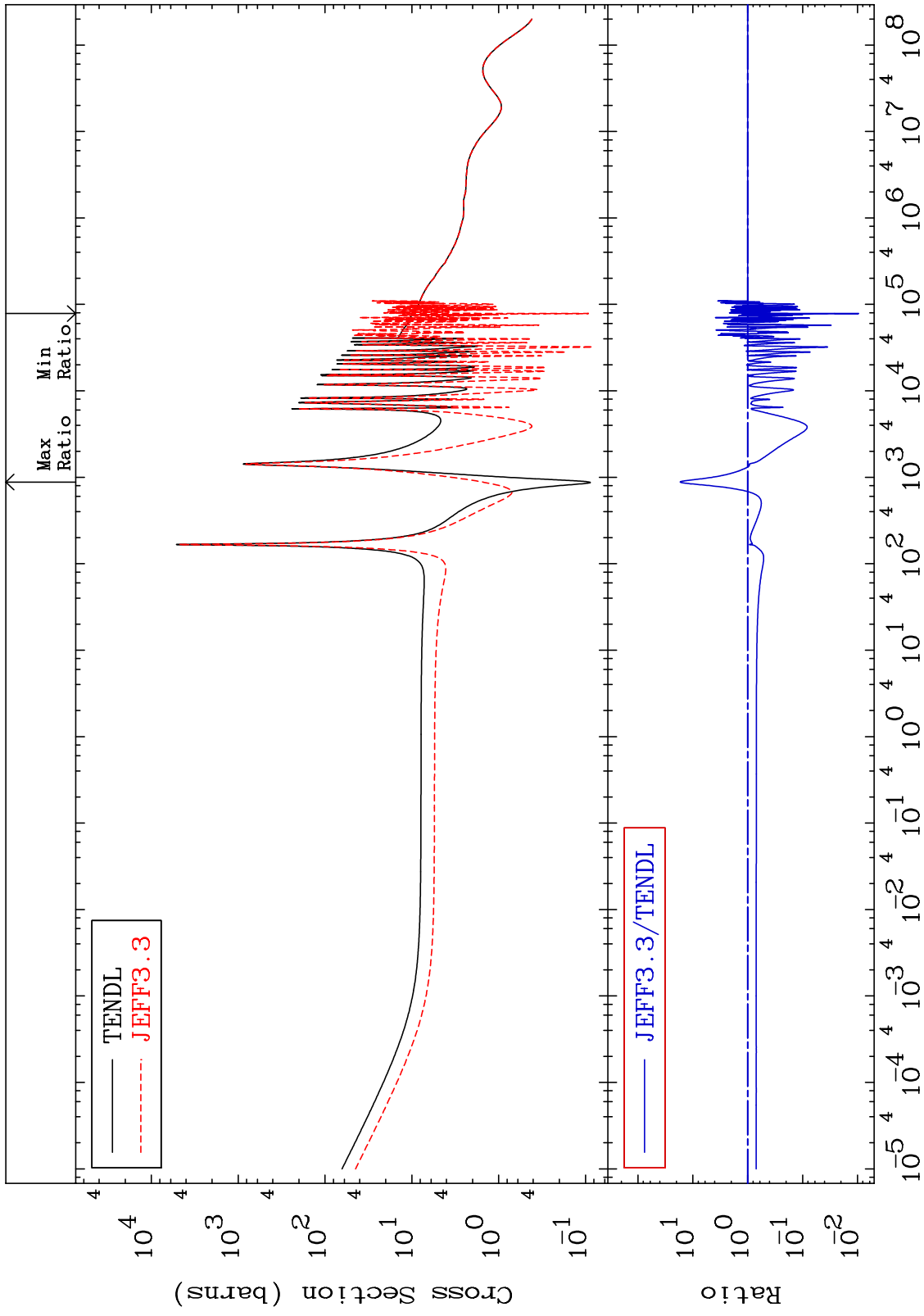
23-V -50

1

MAT 2325

Elastic
Cross Section

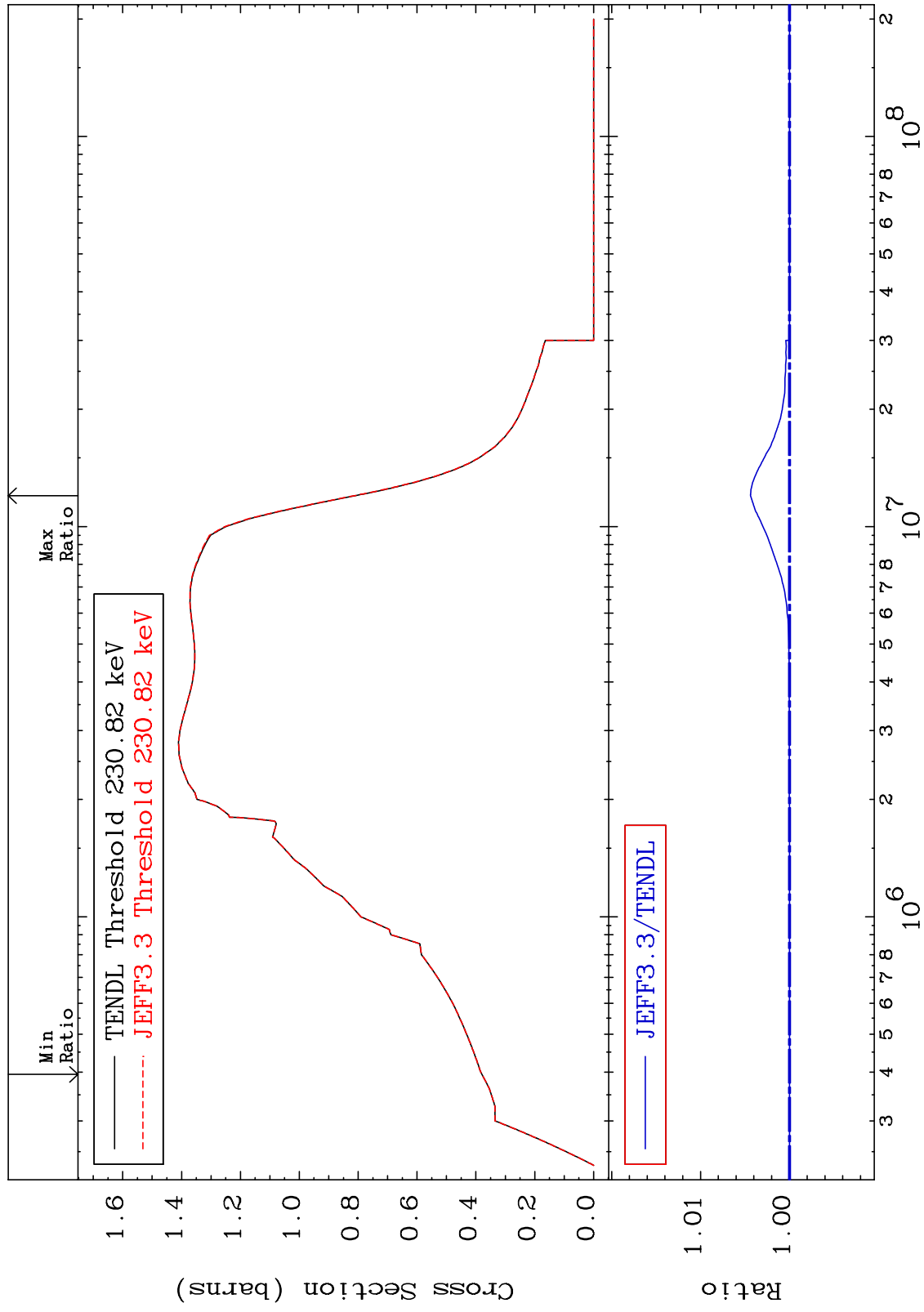
23-V -50
-99.05 To 1599. %



Incident Energy (eV)

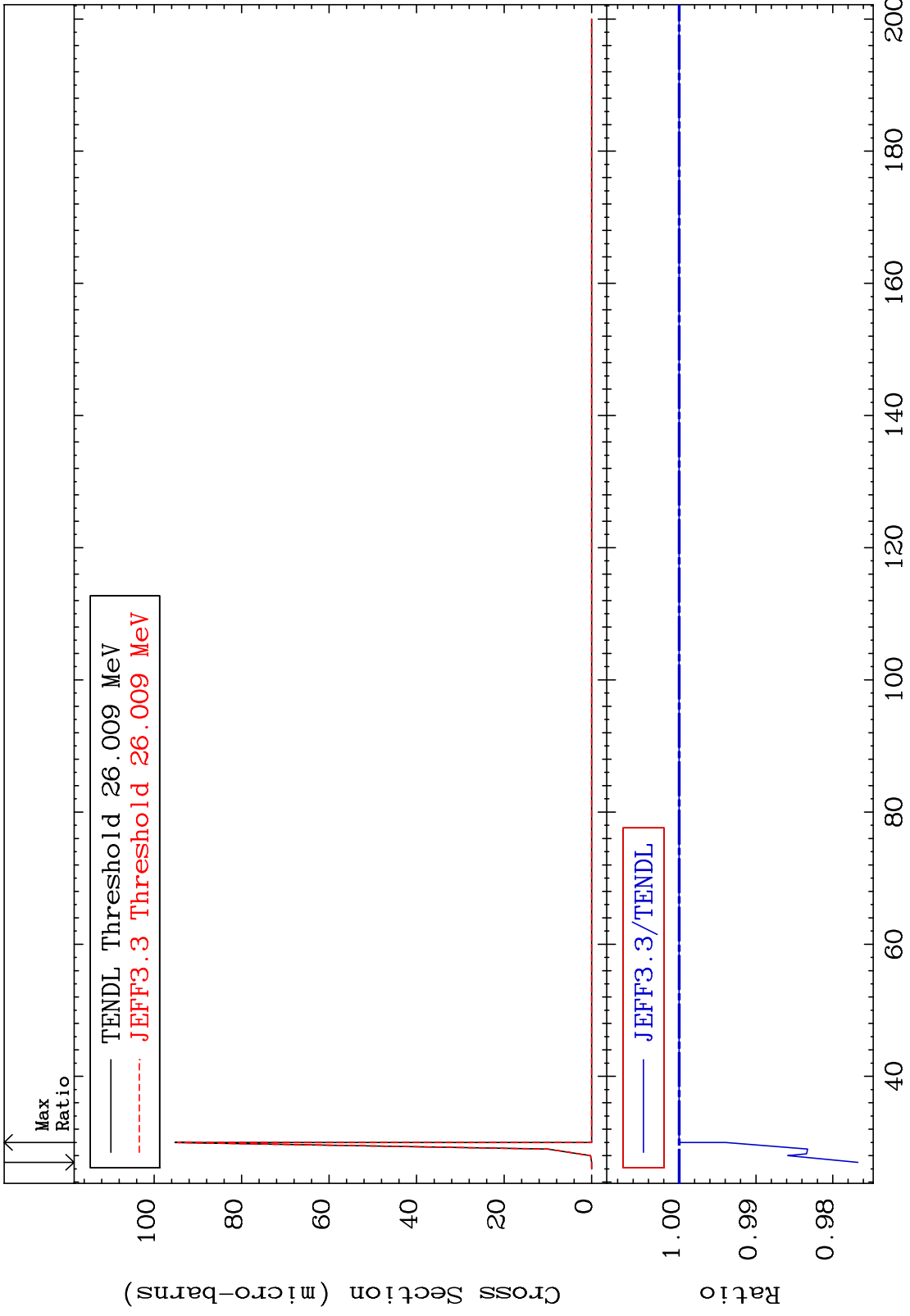
23-V -50

MAT 2325 Inelastic Cross Section 23-V -50 To 0.439 %

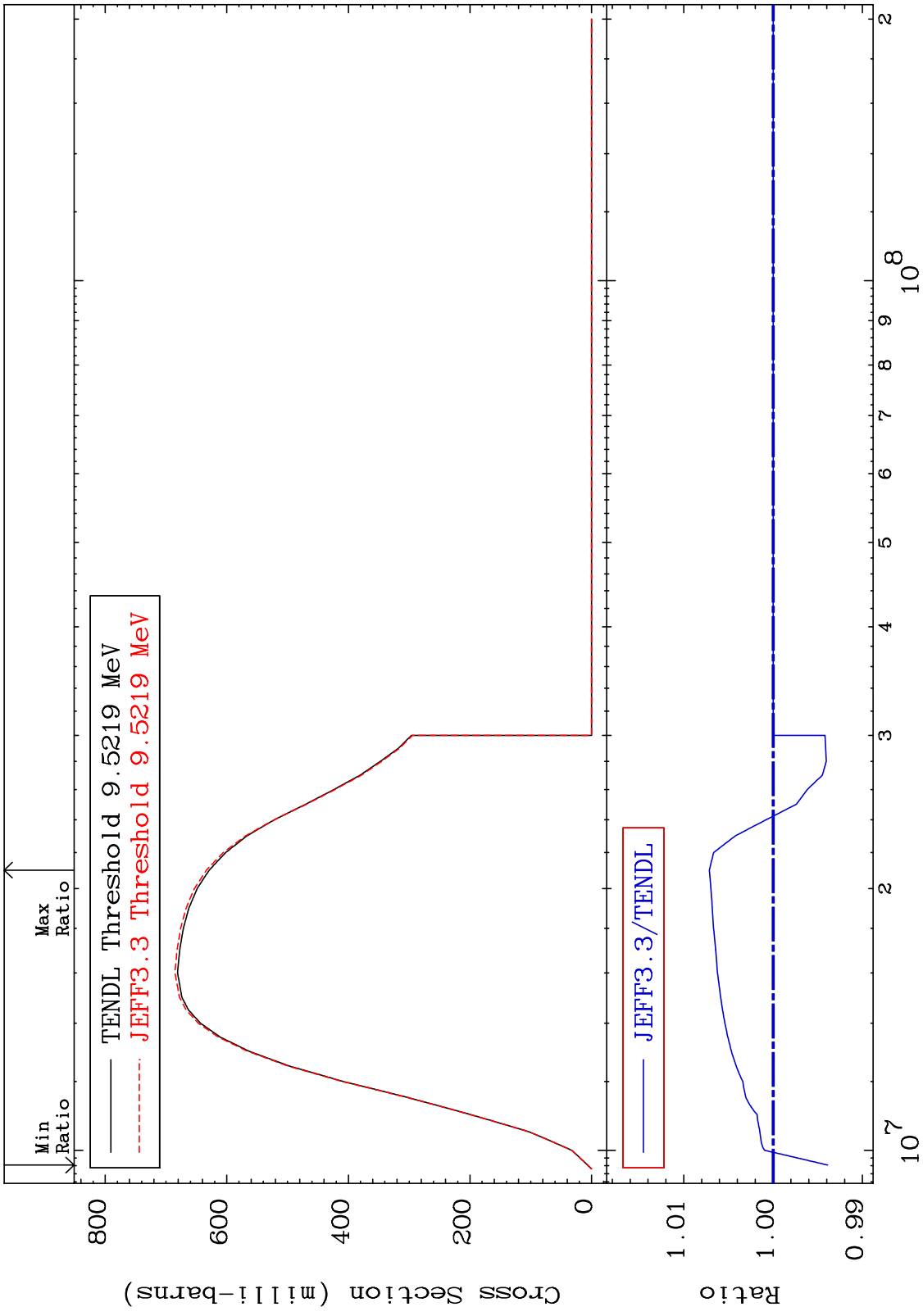


3 Incident Energy (eV) 23-V -50

MAT 2325 (n,2n) d 23-V -50
Cross Section -2.329 To 0.000 %

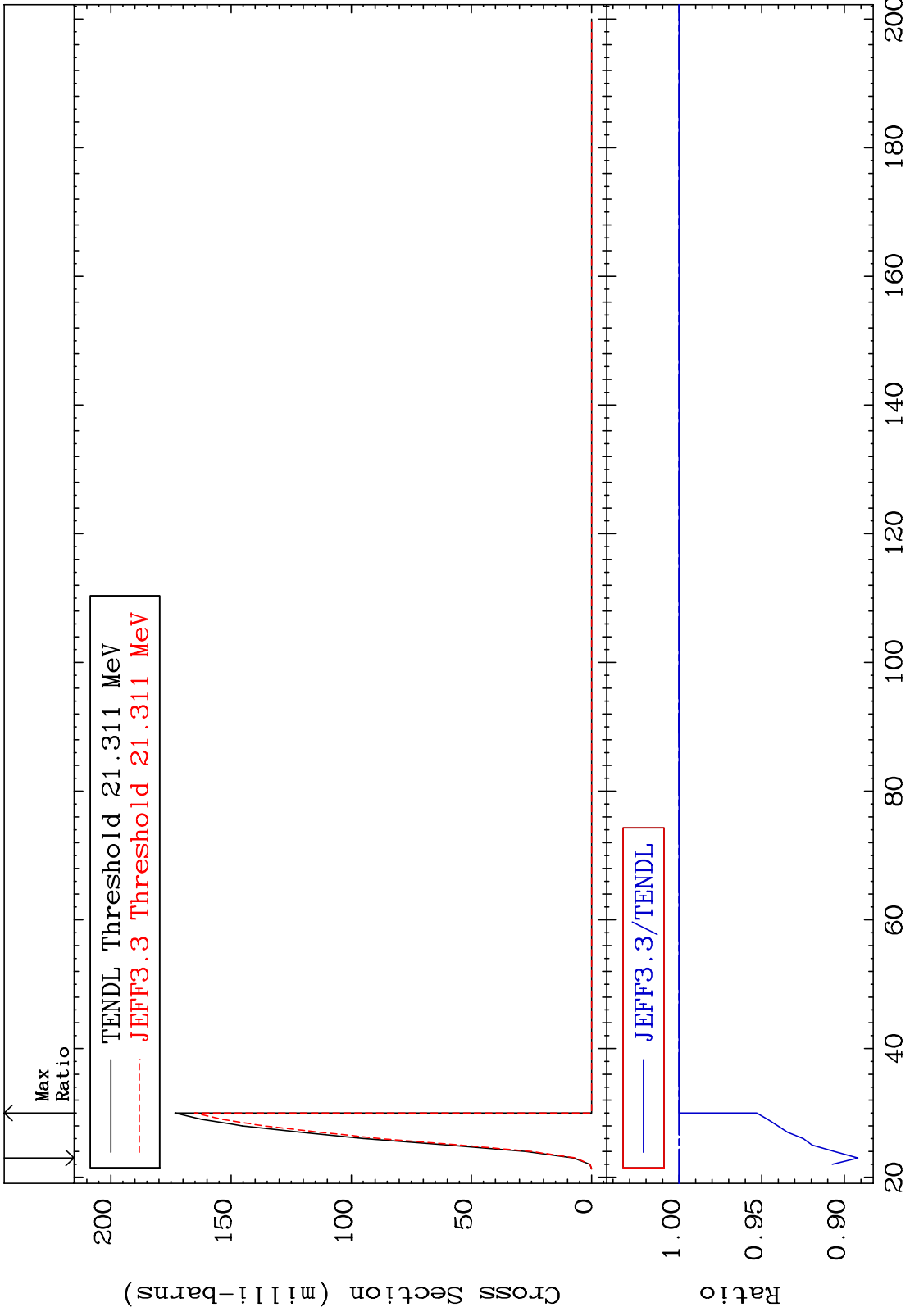


MAT 2325 (n,2n) Cross Section 23-V -50 -0.609 To 0.714 %



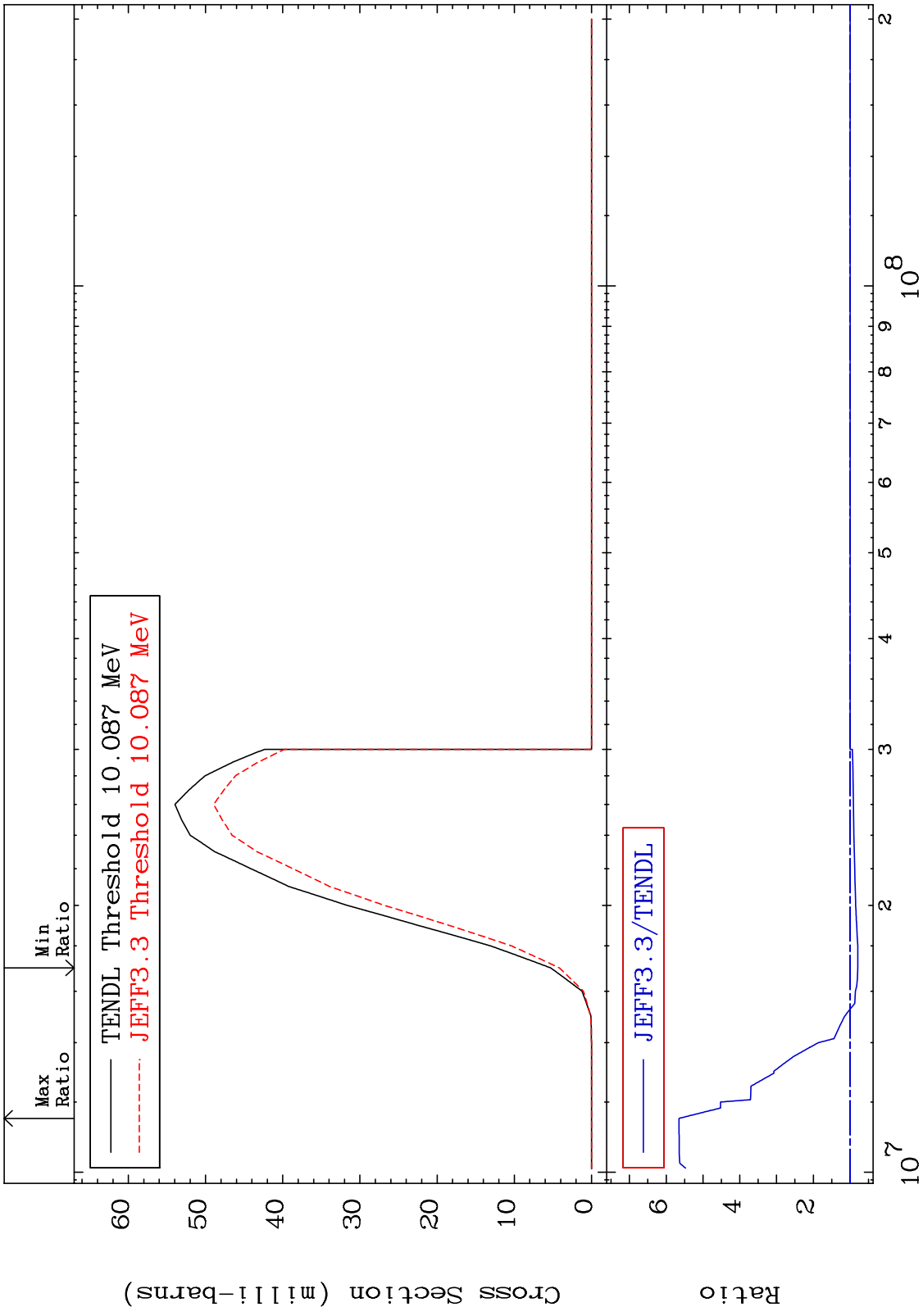
Incident Energy (eV) 23-V -50

MAT 2325 (n,3n) Cross Section 23-V -50 -10.82 To 0.000 %



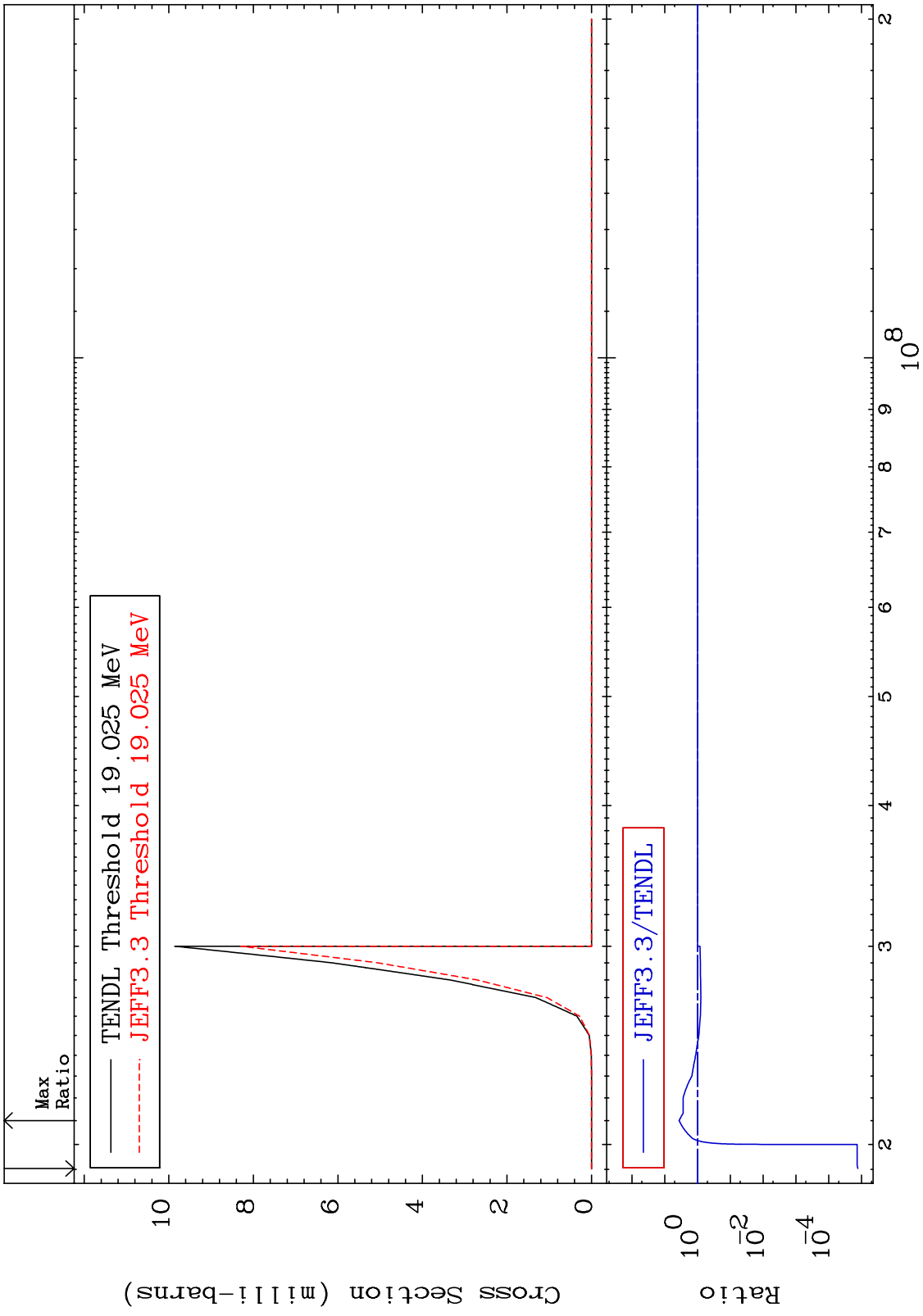
6 Incident Energy (MeV) 23-V -50

MAT 2325 $(n, n') \alpha$ Cross Section 23-V -50
 -21.04 To 465.1 %



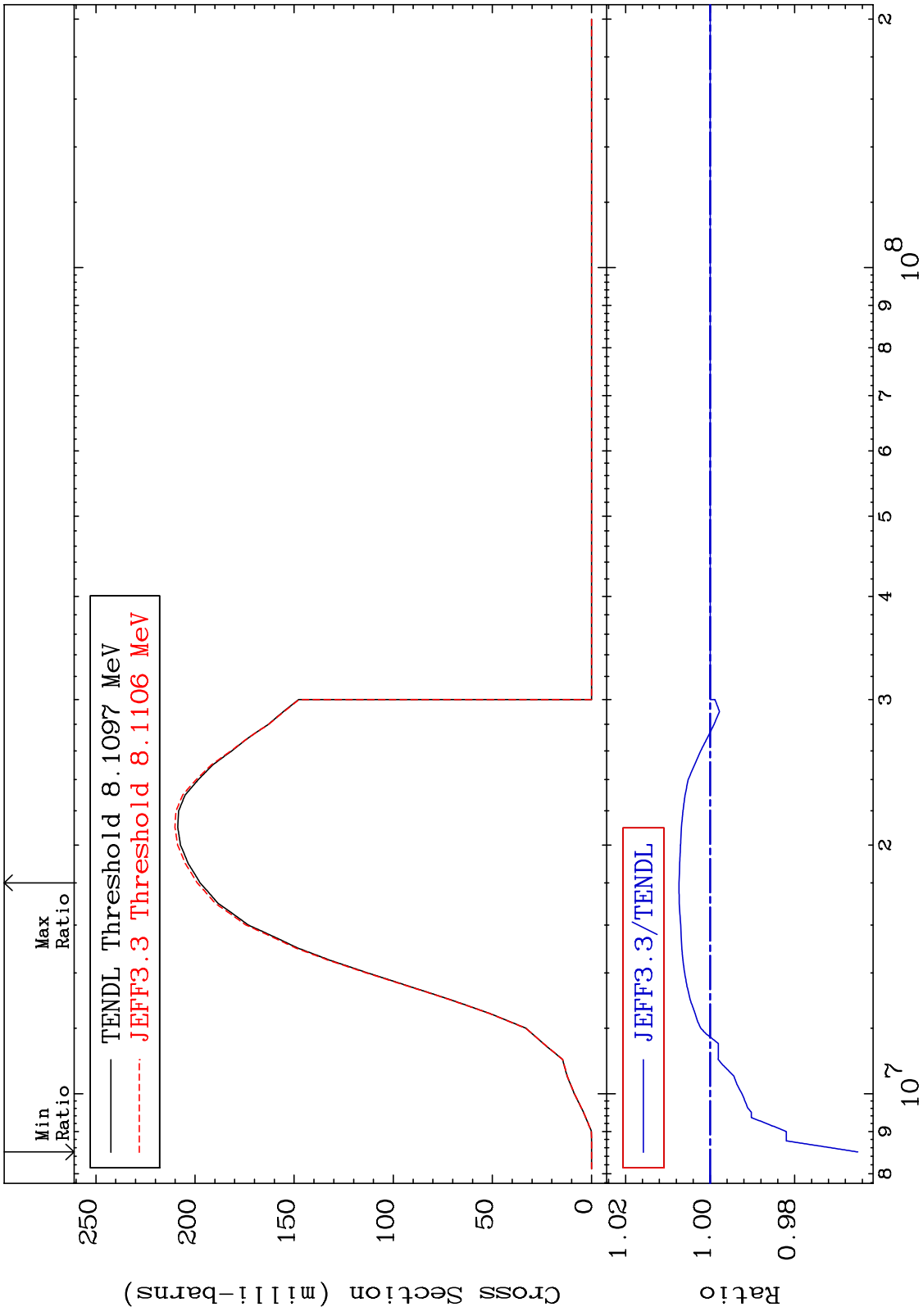
Incident Energy (eV) 23-V -50

MAT 2325 (n,2n) α 23-V -50
Cross Section -100.0 To 267.0 %



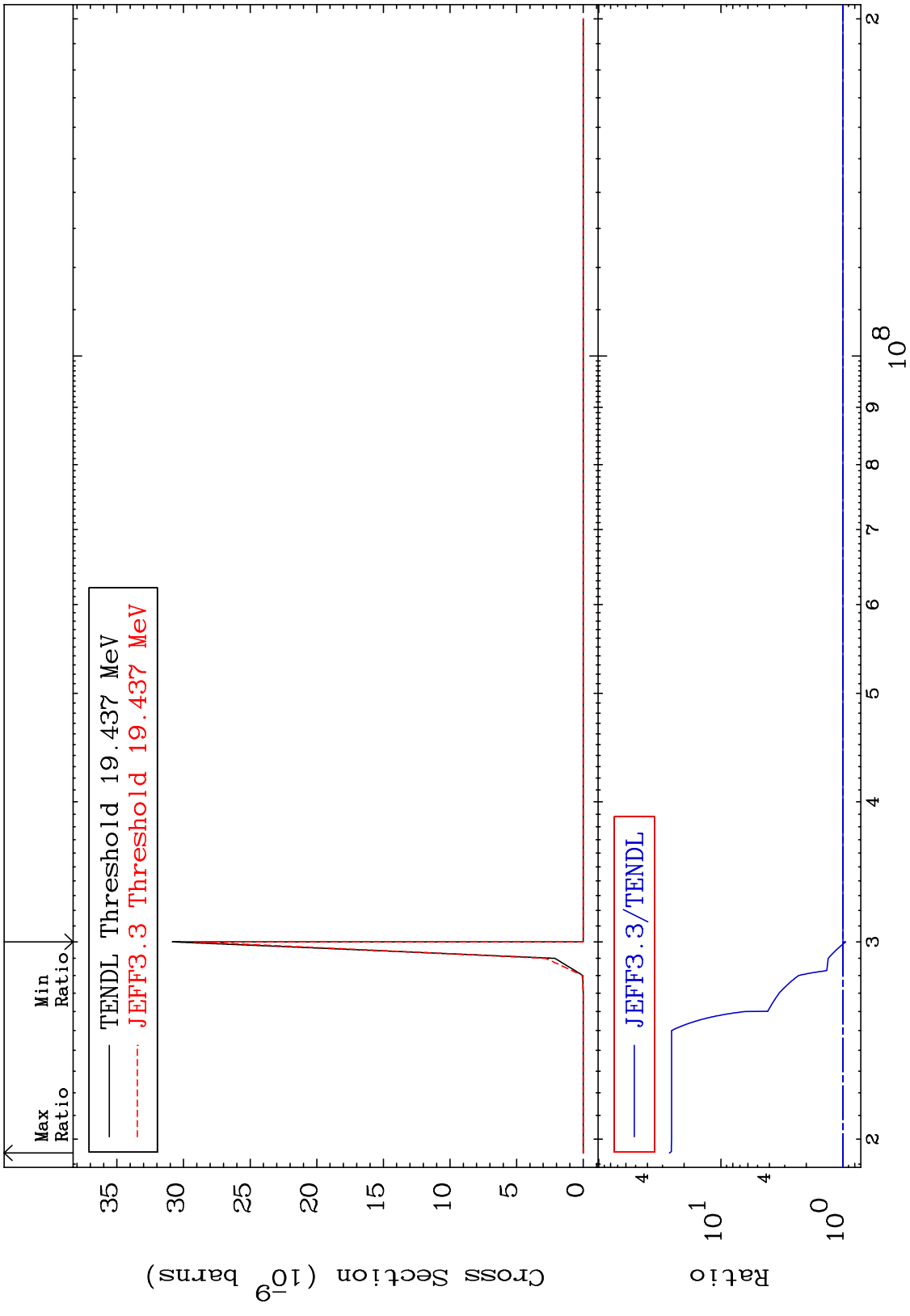
8 Incident Energy (eV) 23-V -50

MAT 2325 (n,n') p 23-V -50
Cross Section -3.494 To 0.735 %



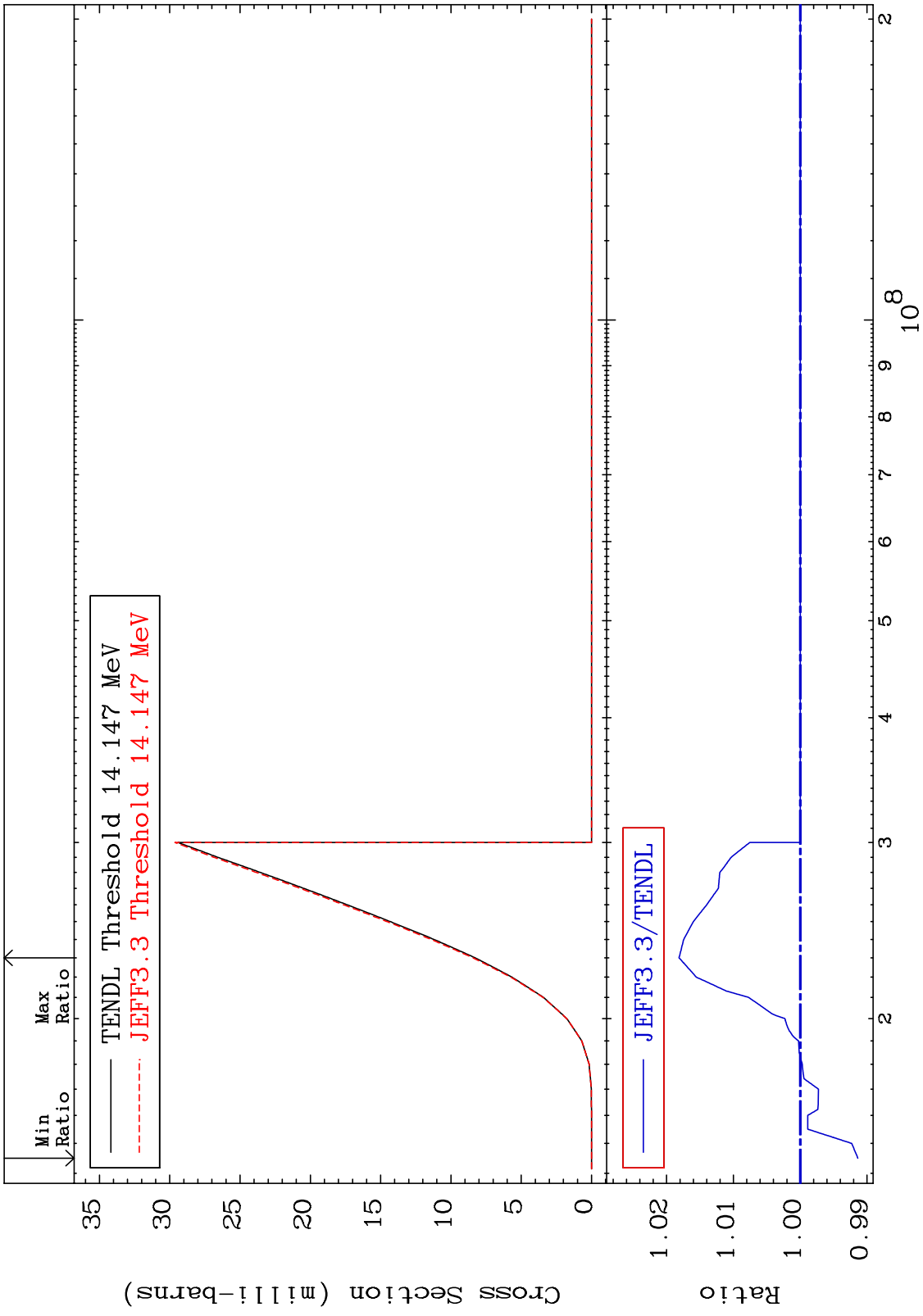
23-V -50

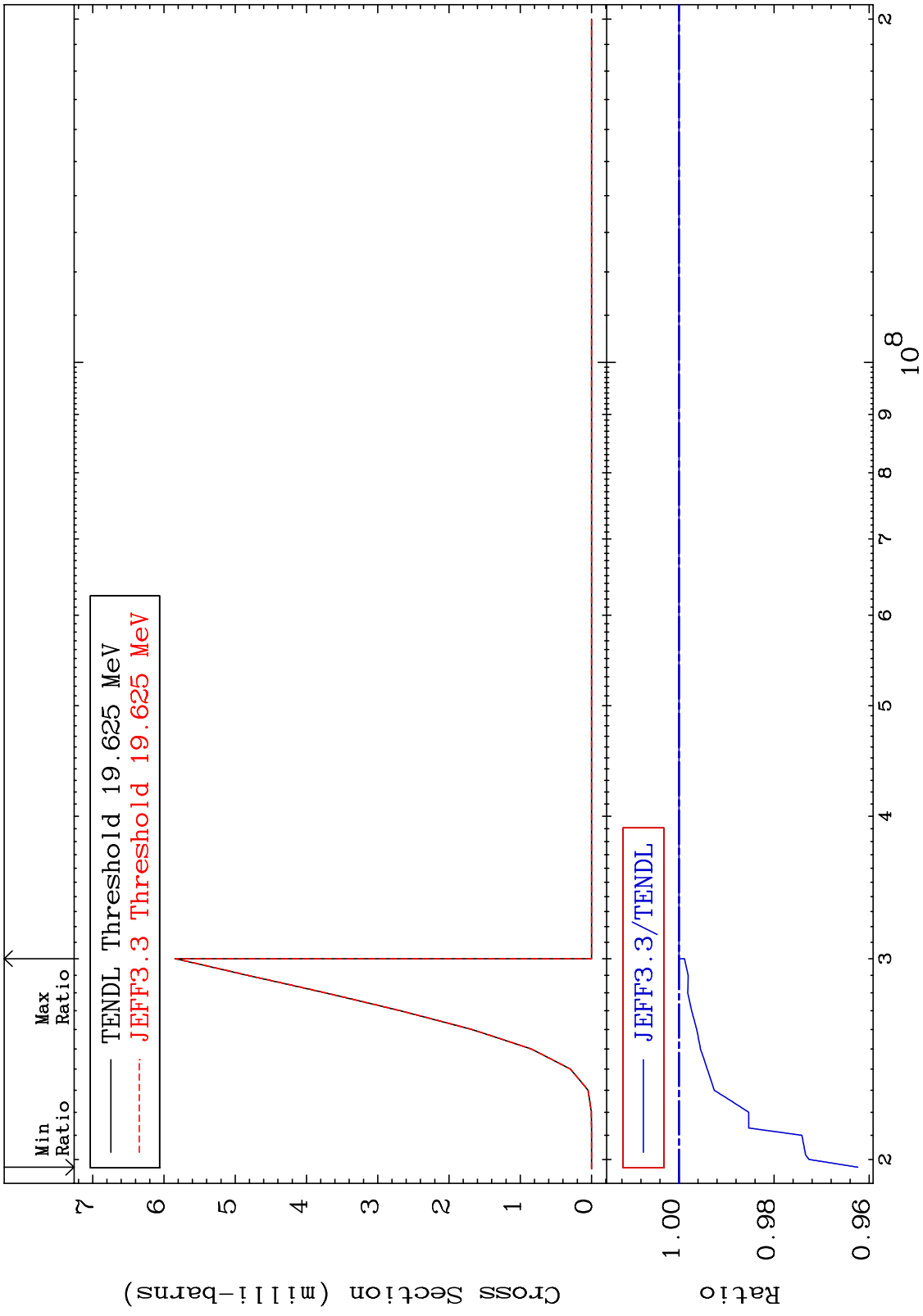
MAT 2325 (n,n') 2α Cross Section 23-V -50 -5.115 To 2536. %



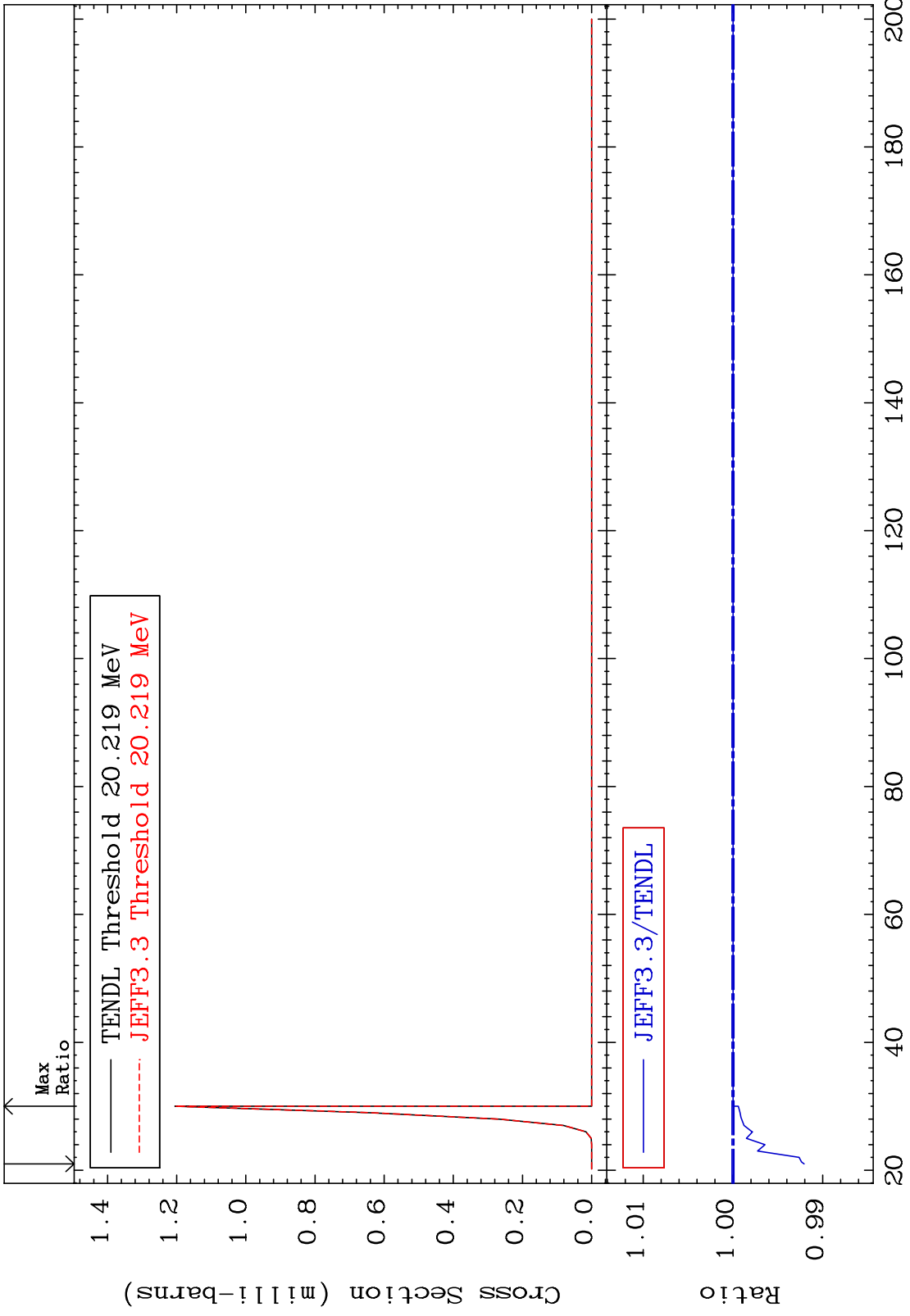
10 23-V -50

MAT 2325 (n,n') d 23-V -50
 Cross Section -0.862 To 1.814 %

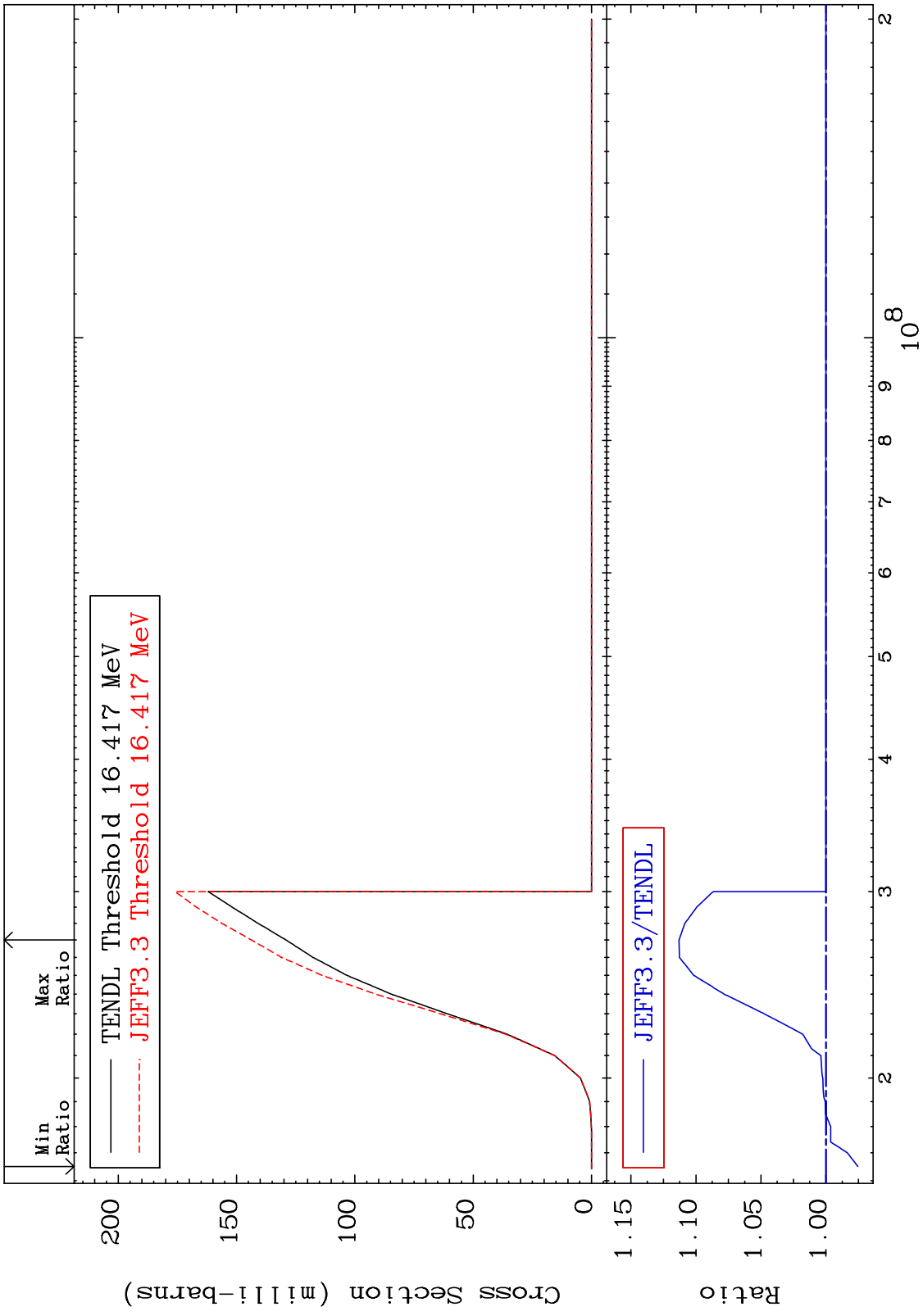




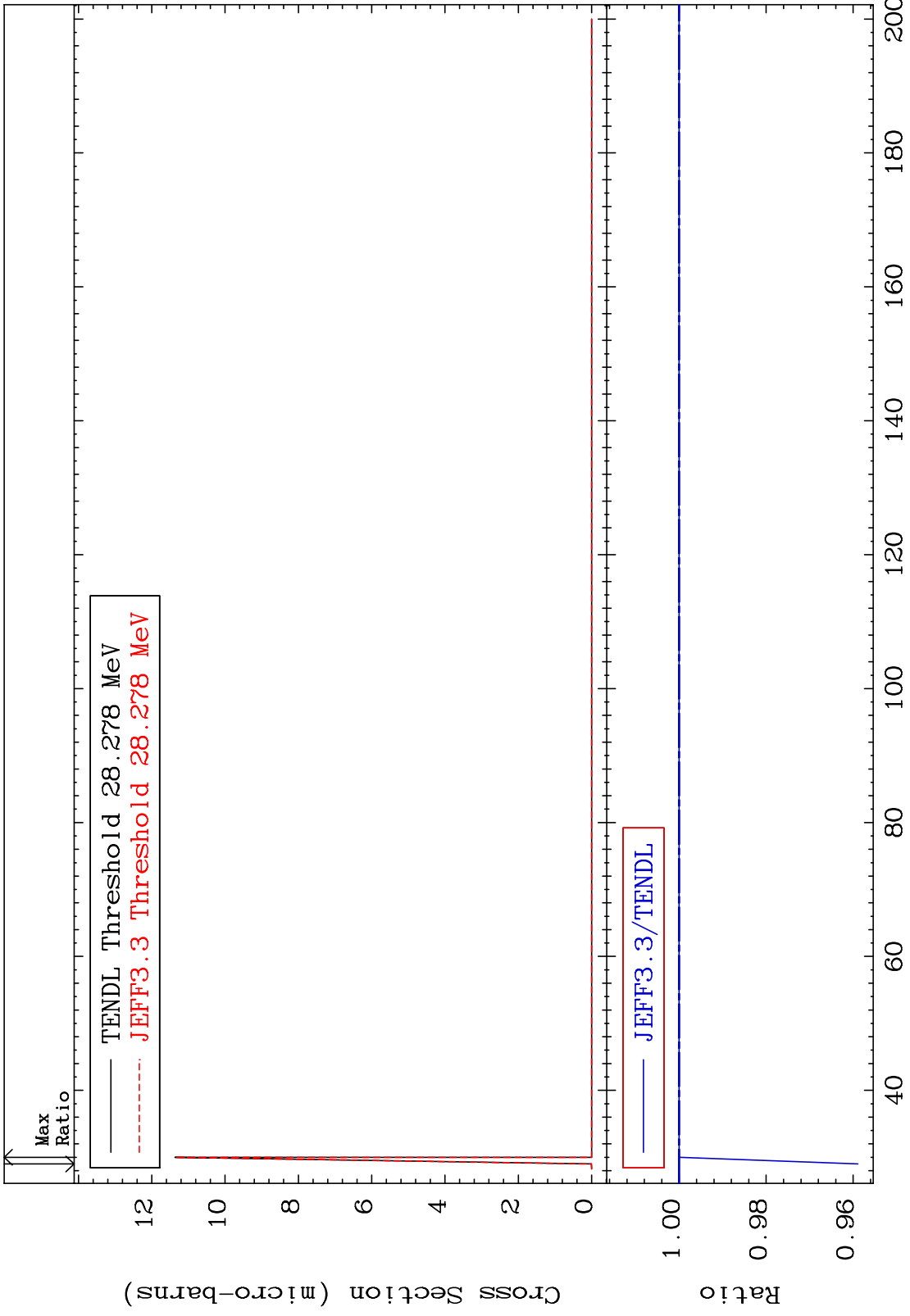
MAT 2325 (n, n') He-3 23-V -50
 Cross Section -0.793 To 0.000 %

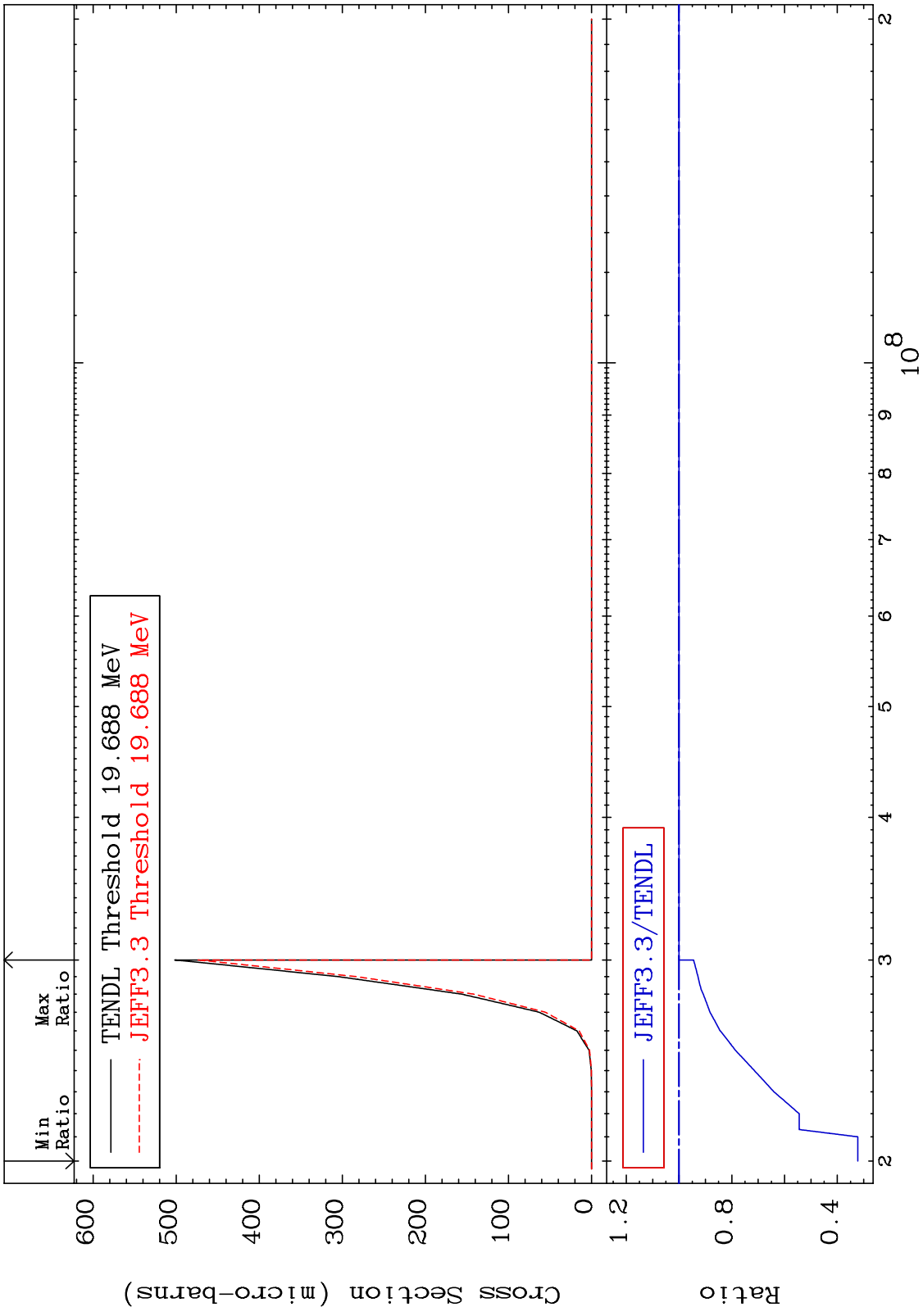


MAT 2325 (n,2n) p 23-V -50
 Cross Section -2.452 To 11.30 %

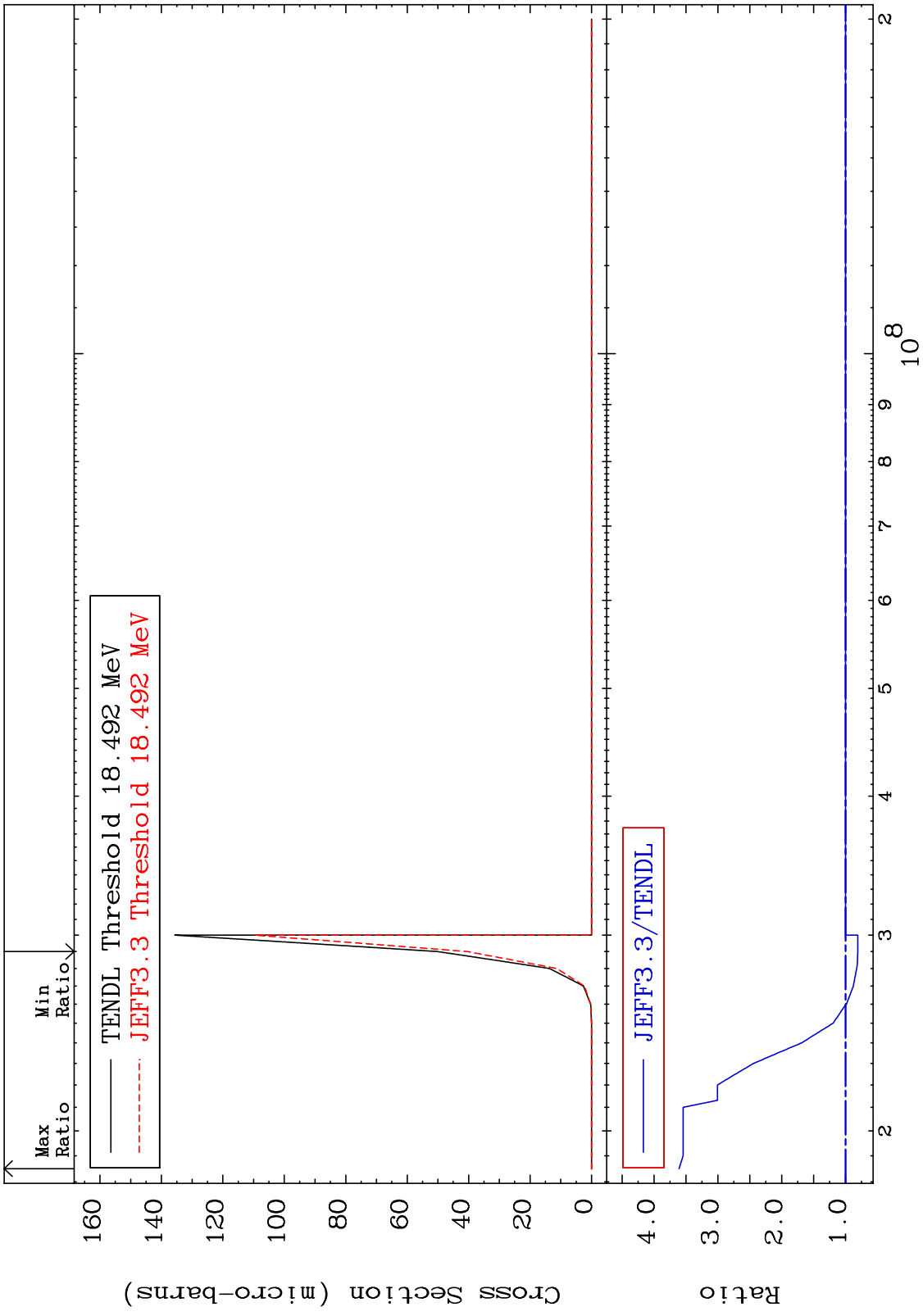


MAT 2325 (n,3n) p 23-V -50
 Cross Section -4.110 To 0.000 %

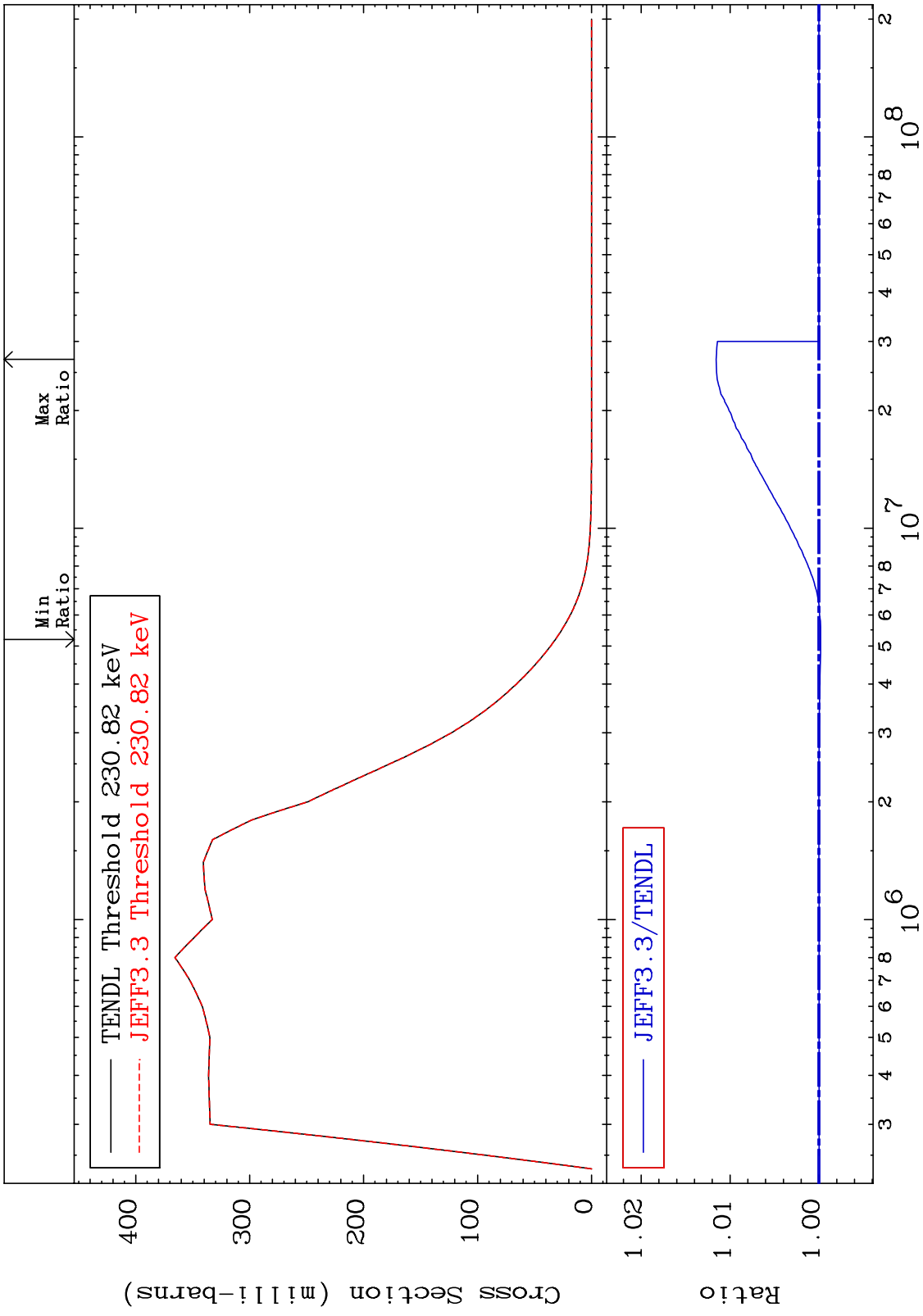




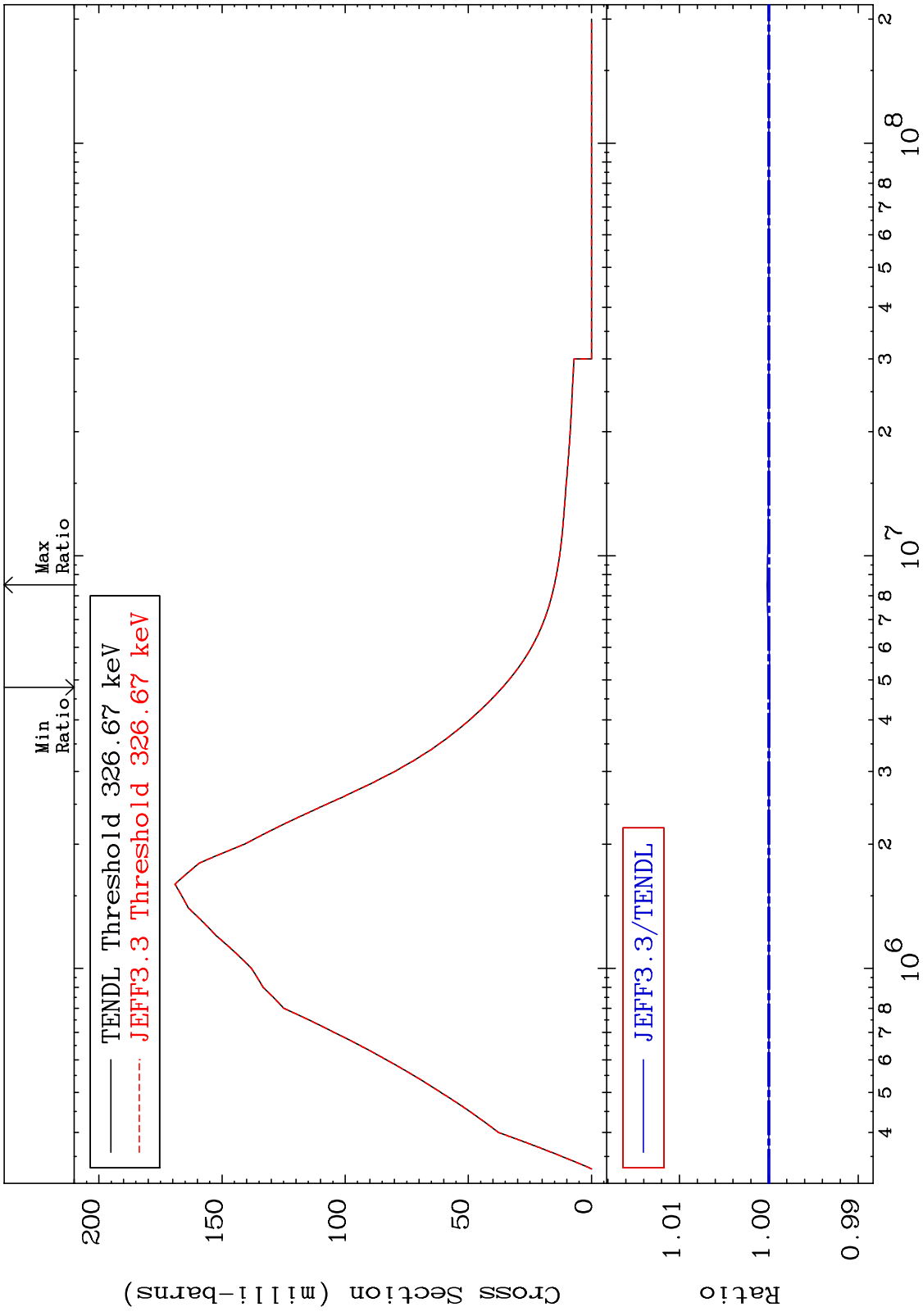
MAT 2325 (n,n') p α 23-V -50
 Cross Section -19.24 To 260.7 %



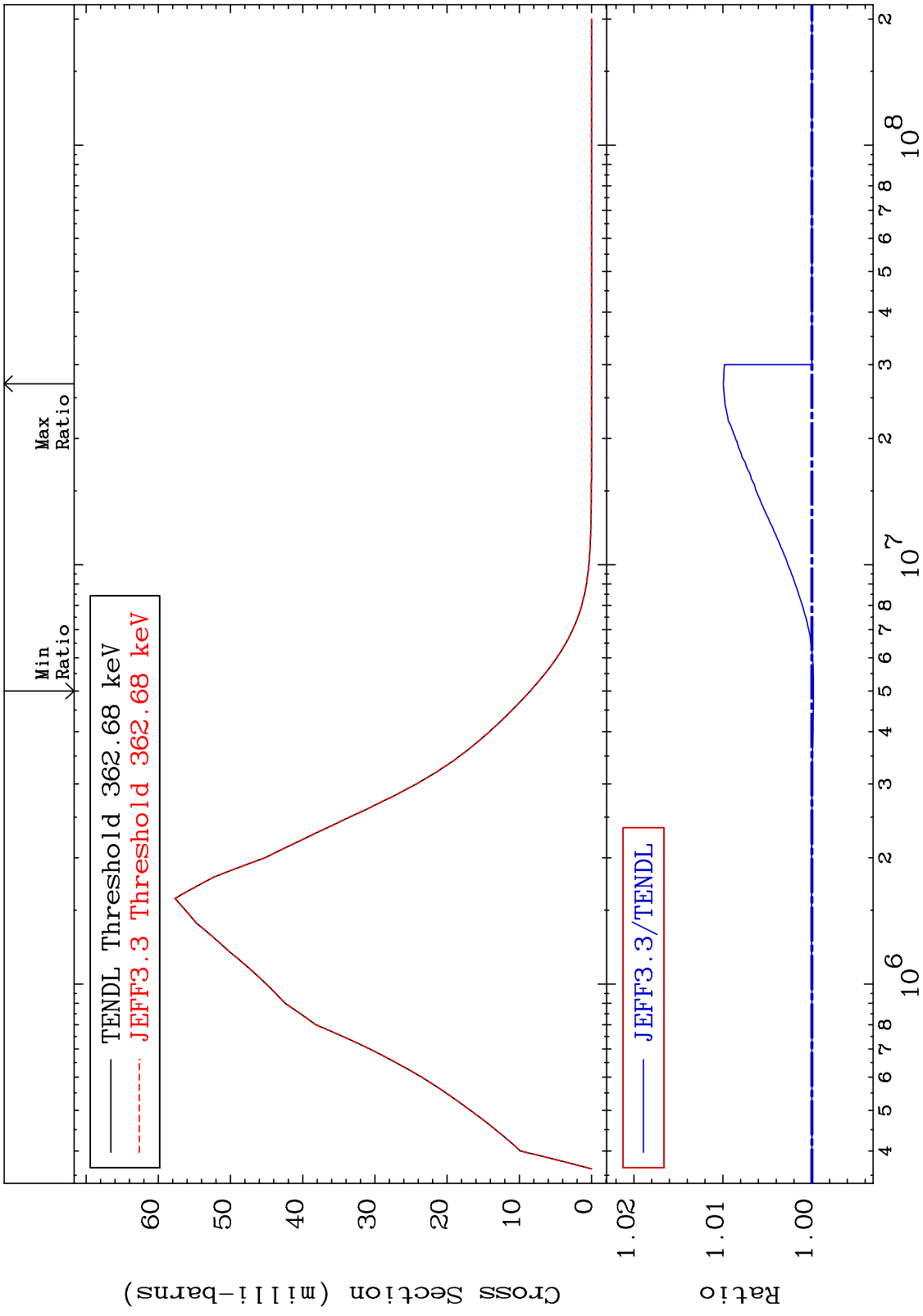
MAT 2325 MT= 51 (n,n') Level Cross Section -0.020 To 1.156 % 23-V -50



MAT 2325 MT= 52 (n,n') Level Cross Section -0.011 To 0.019 % 23-V -50

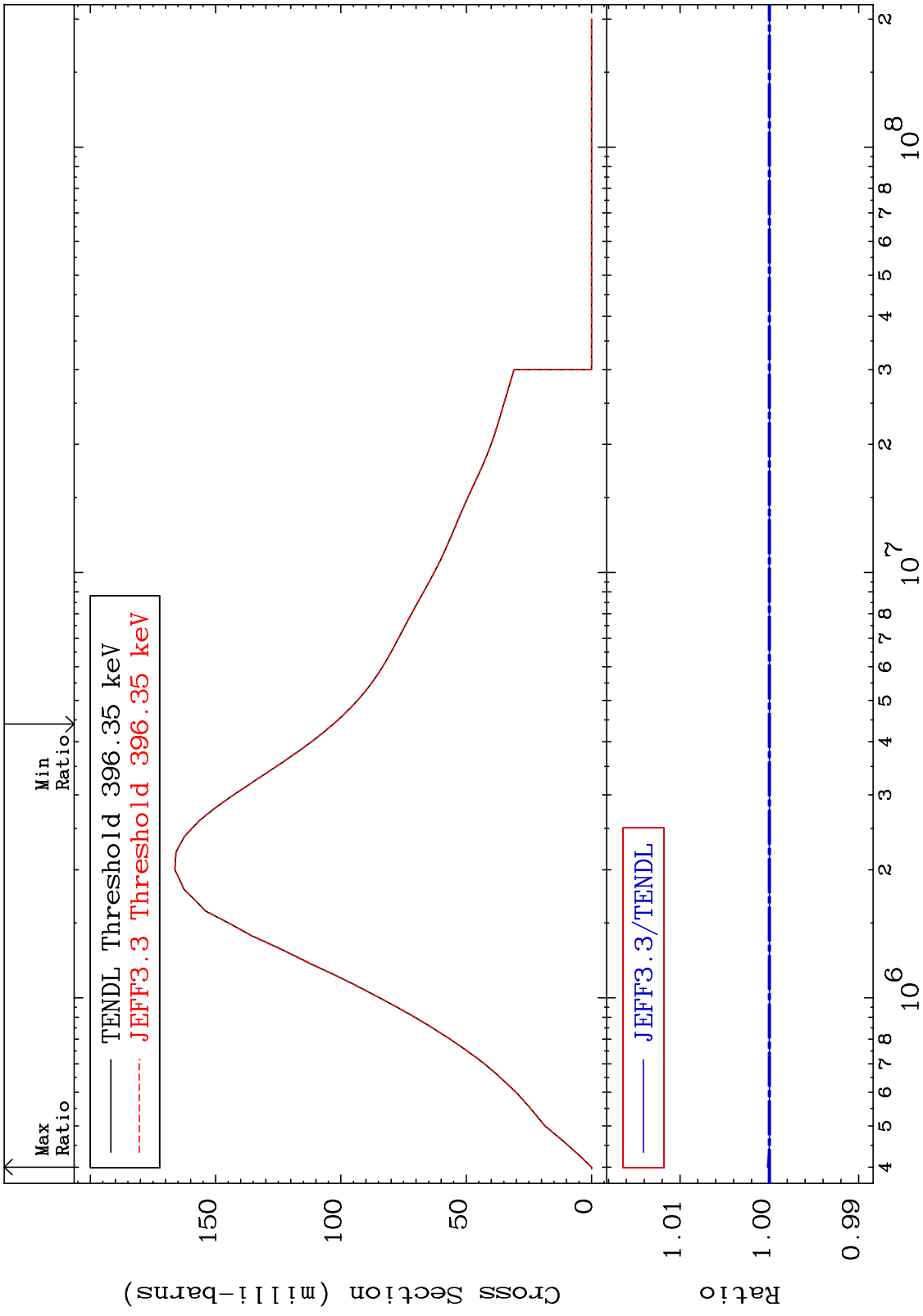


MAT 2325 MT= 53 (n,n') Level Cross Section 23-V -50
 -0.019 To 0.994 %

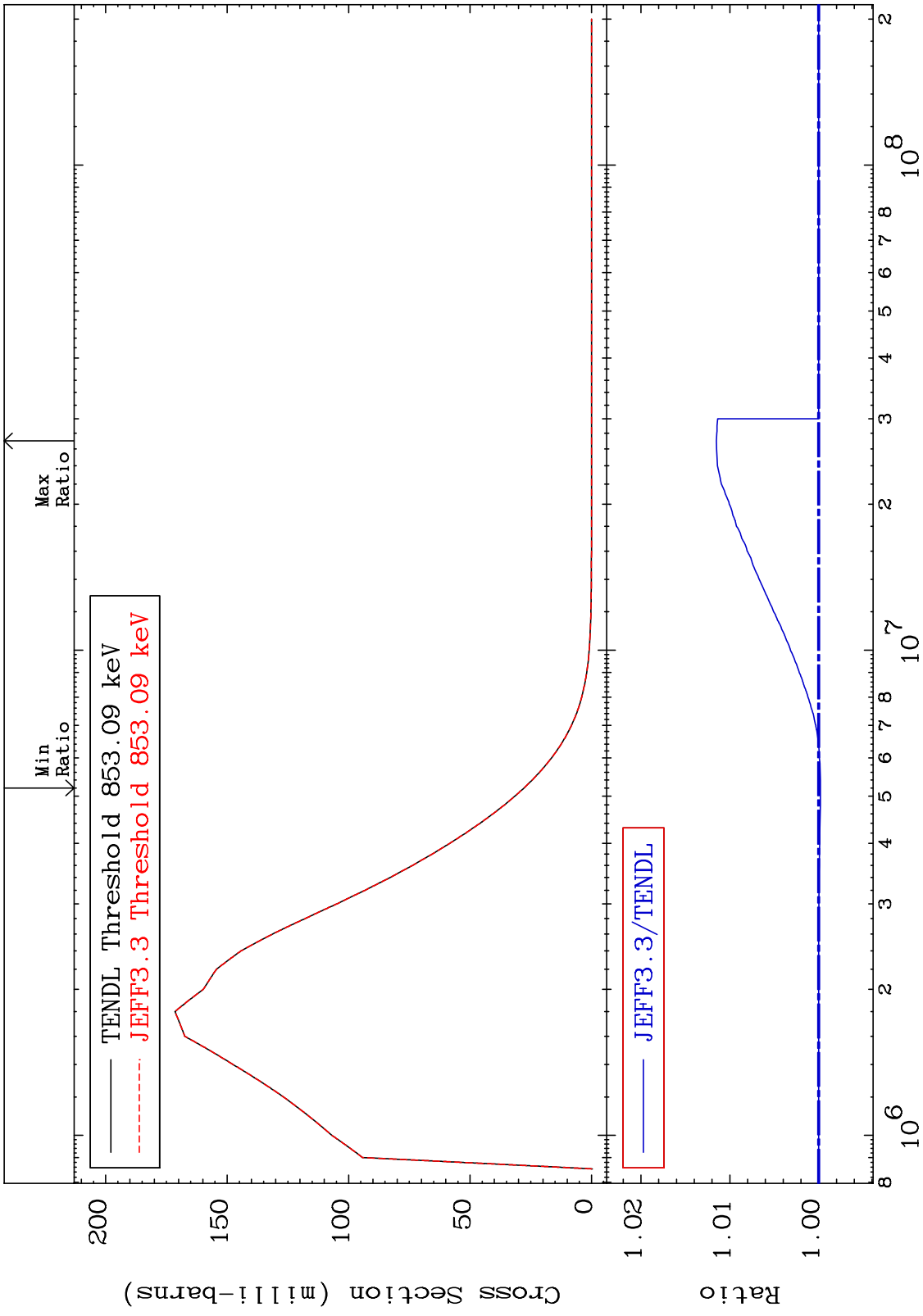


20 Incident Energy (eV) 23-V -50

MAT 2325 MT= 54 (n,n') Level Cross Section 23-V -50
 0.000 To 0.022 %

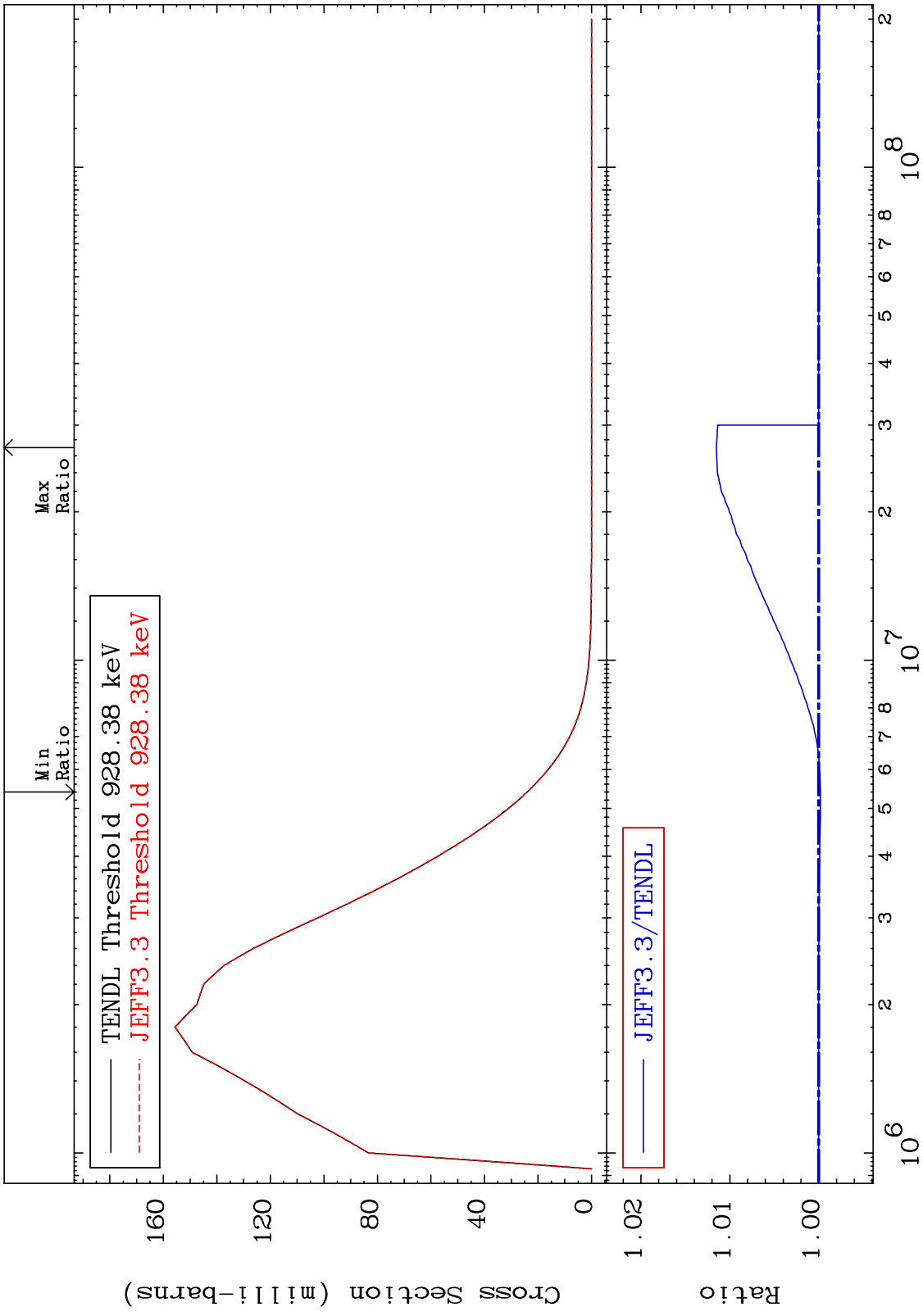


MAT 2325 MT= 55 (n,n') Level Cross Section 23-V -50
 -0.019 To 1.151 %



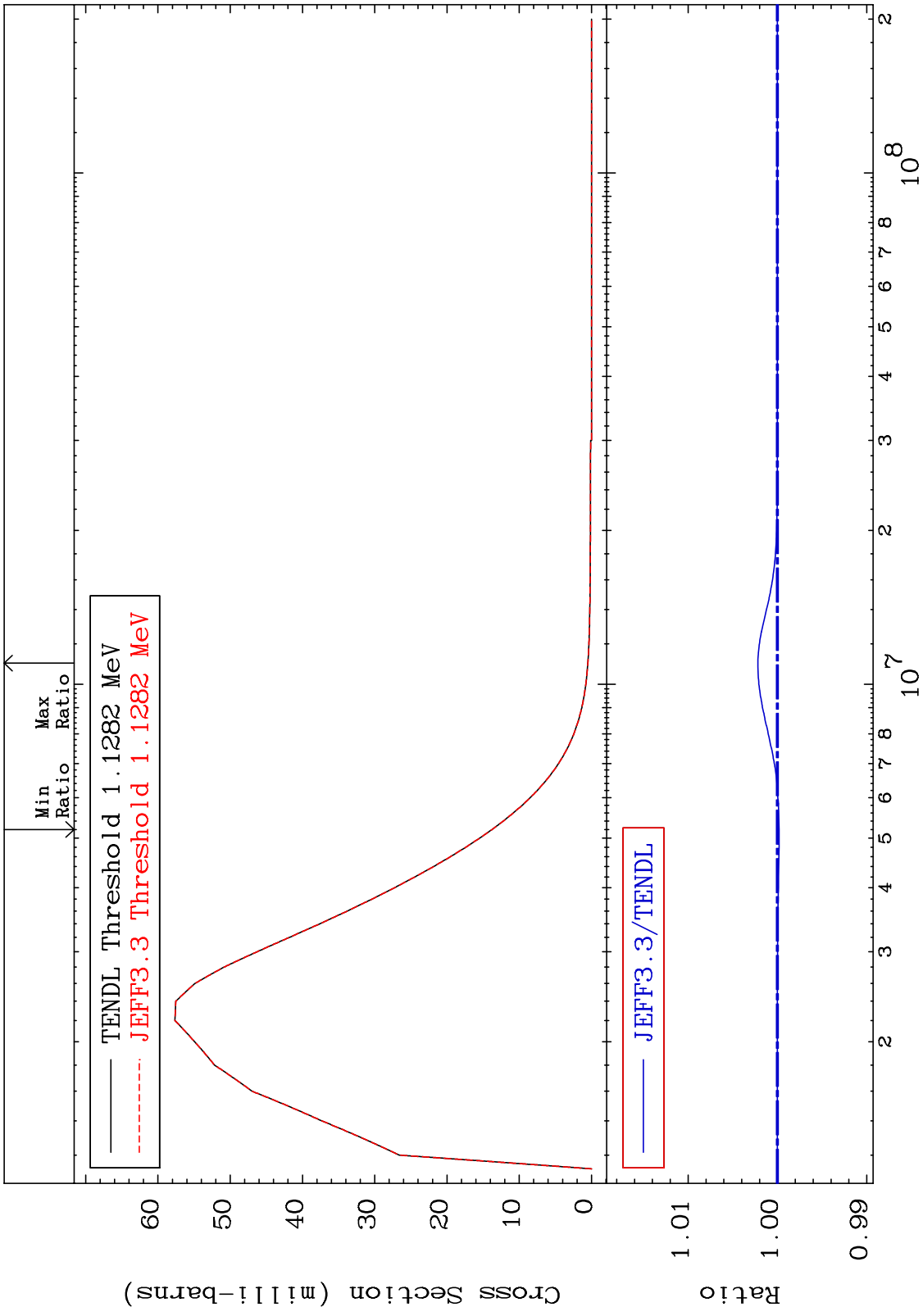
22 Incident Energy (eV) 23-V -50

MAT 2325 MT= 56 (n,n') Level Cross Section 23-V -50
-0.019 To 1.151 %

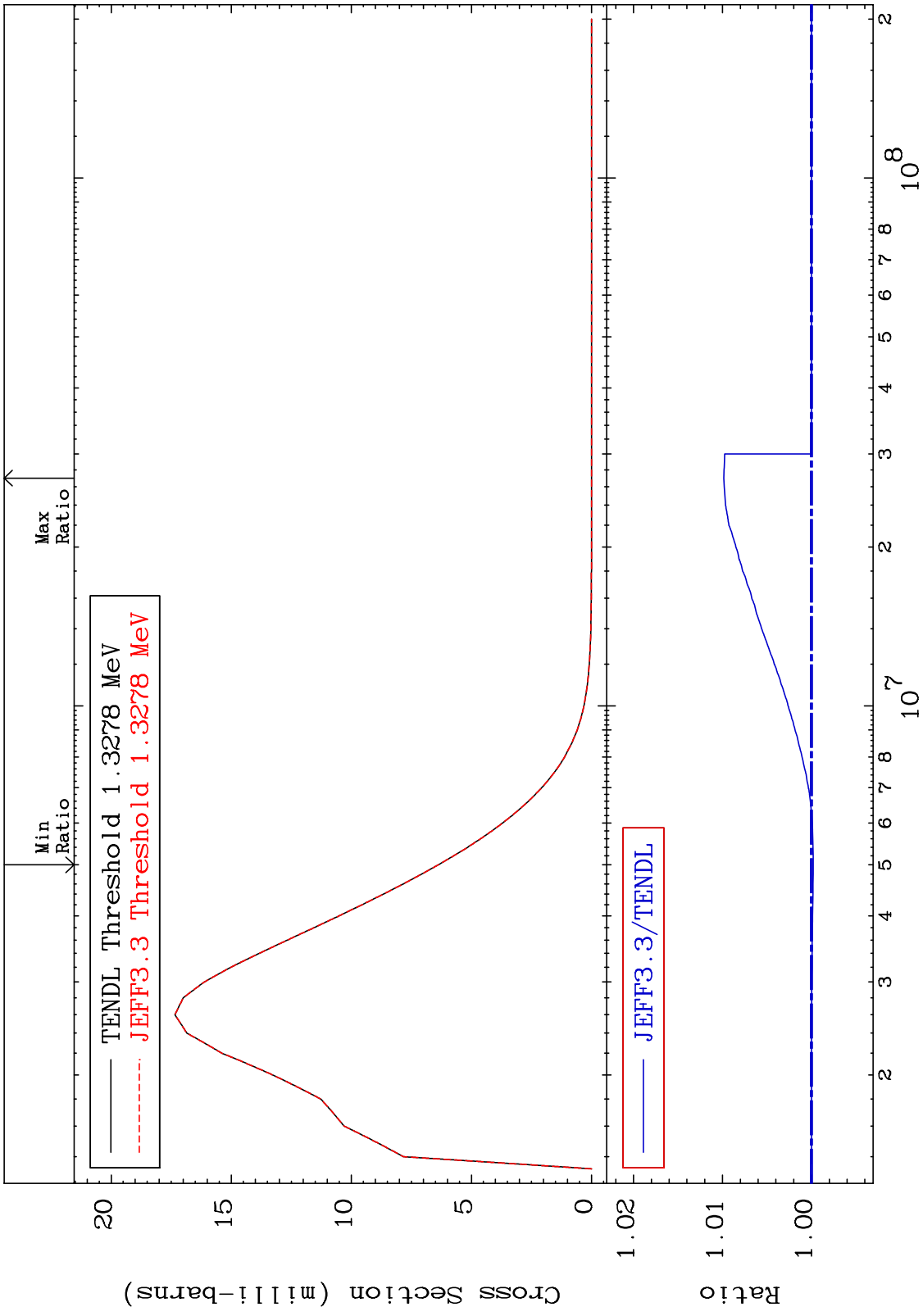


23 Incident Energy (eV) 23-V -50

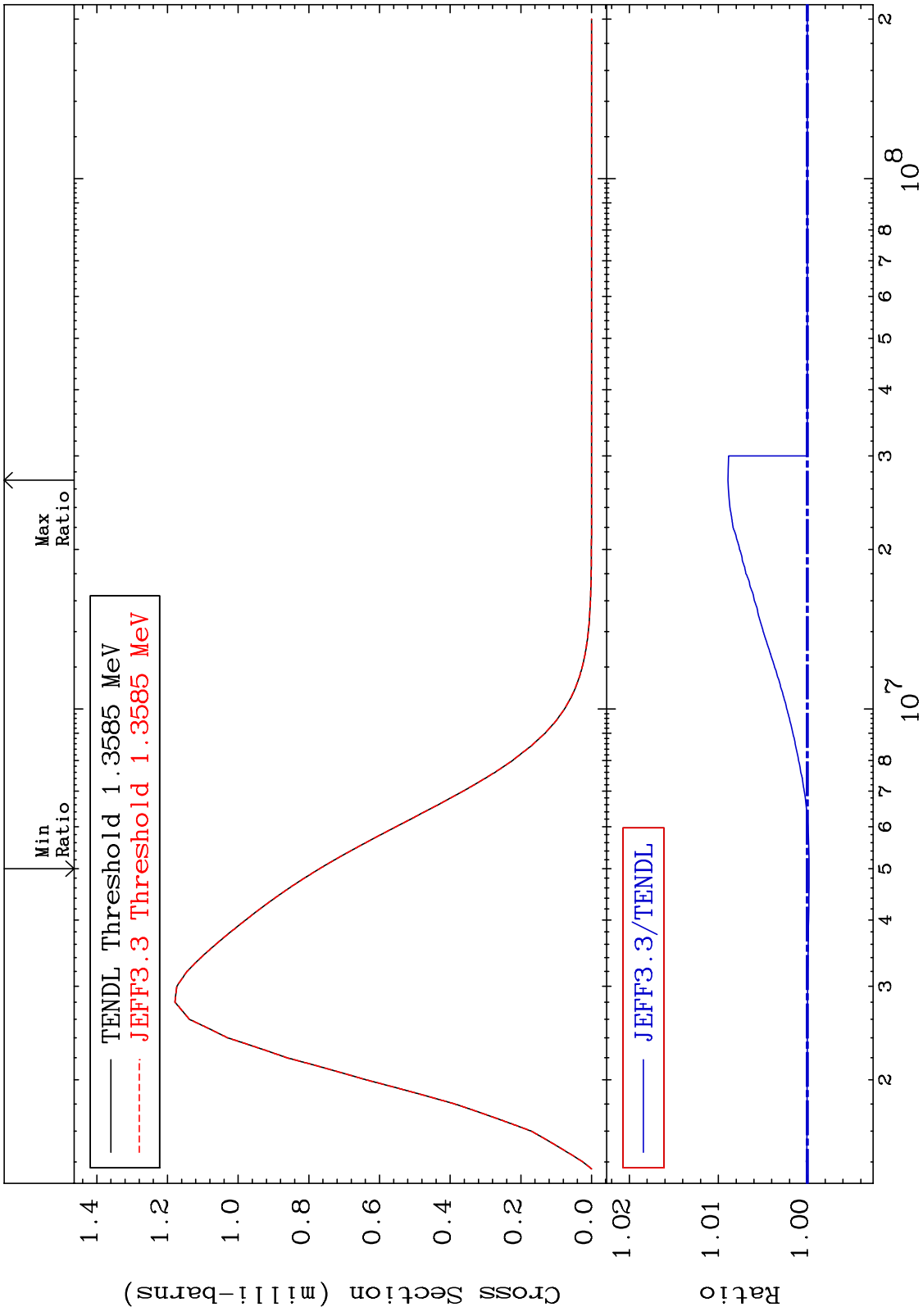
MAT 2325 MT= 57 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.220 %



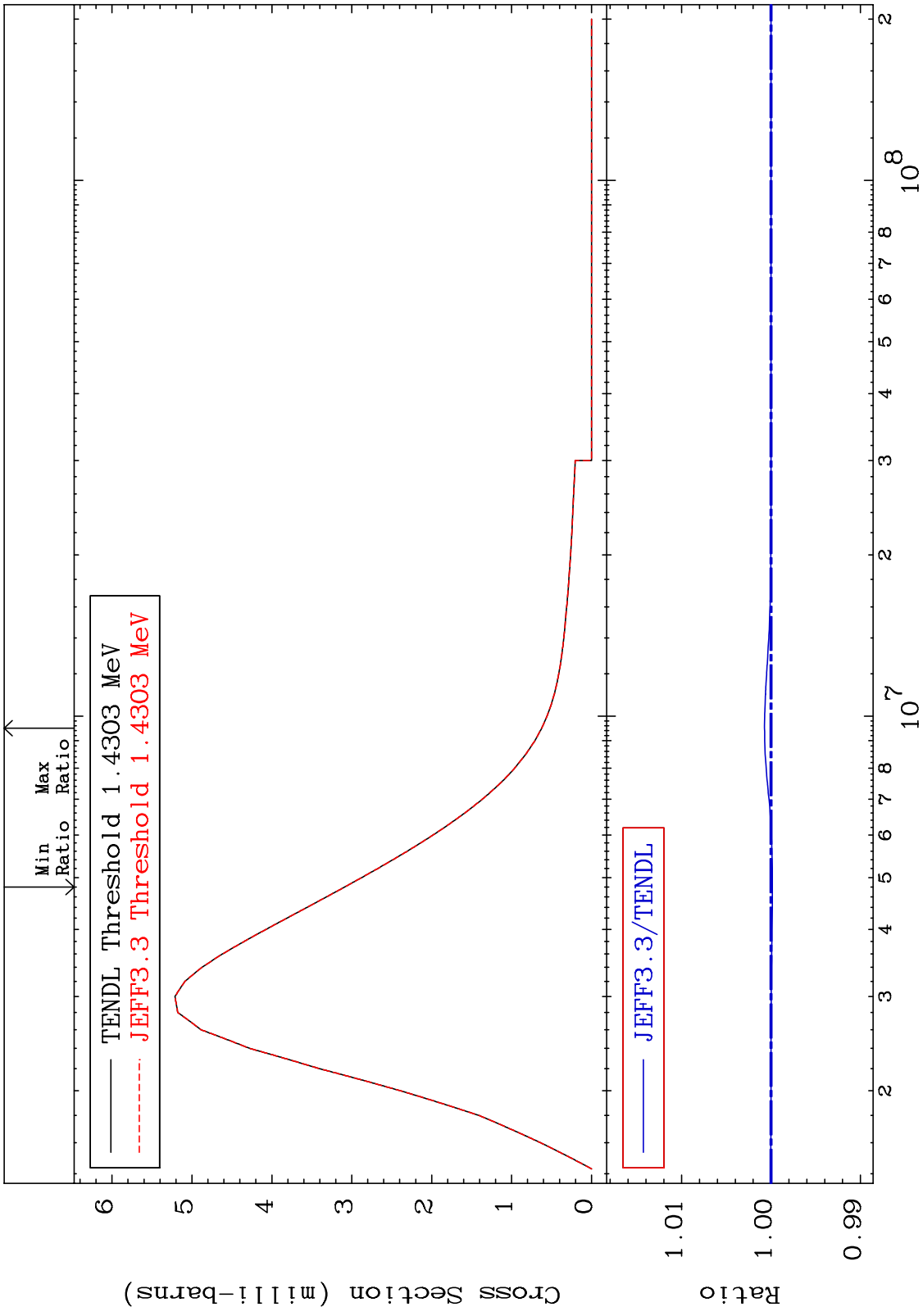
MAT 2325 MT= 58 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.987 %



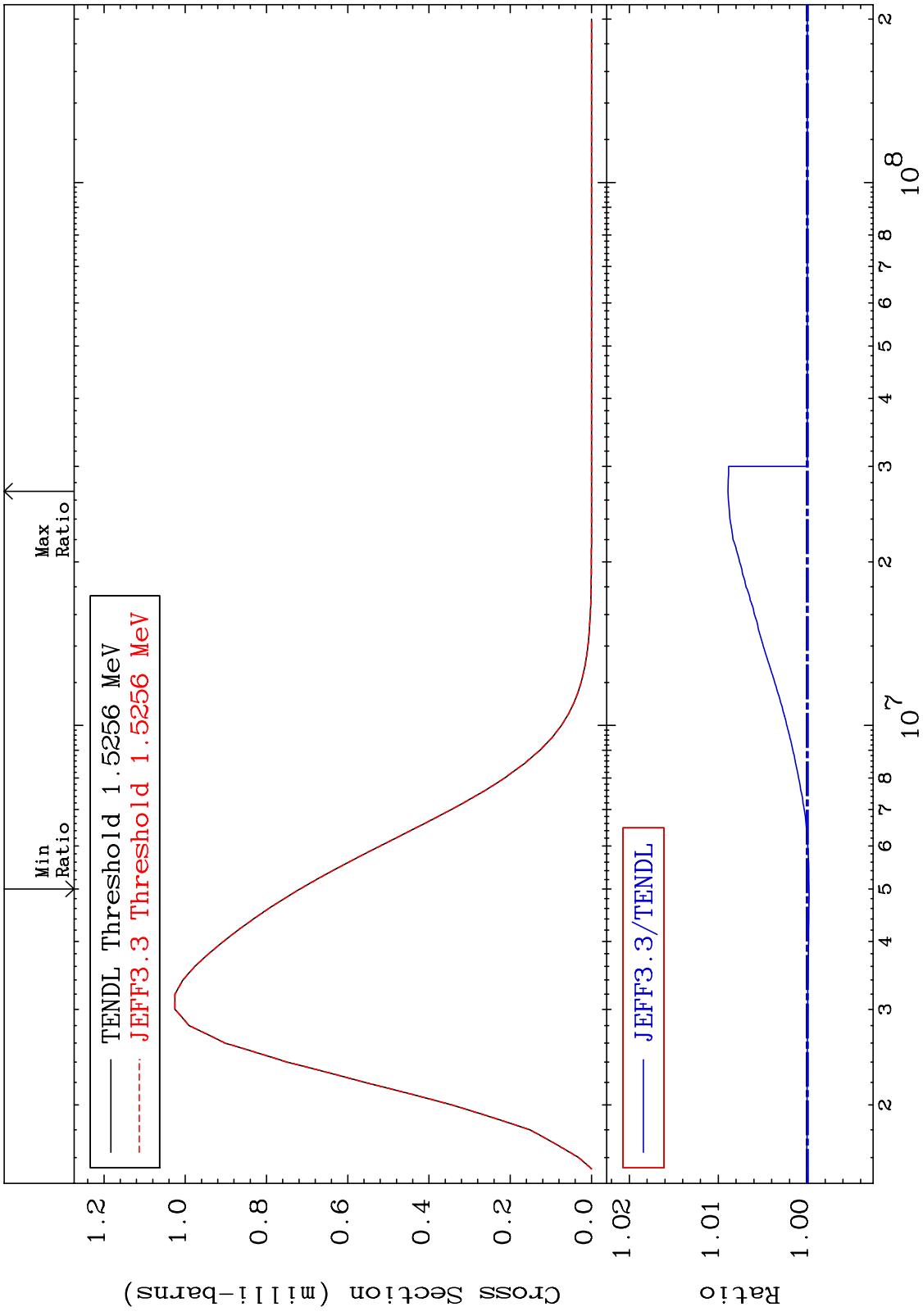
MAT 2325 MT= 59 (n,n') Level Cross Section 23-V -50
 -0.019 To 0.893 %



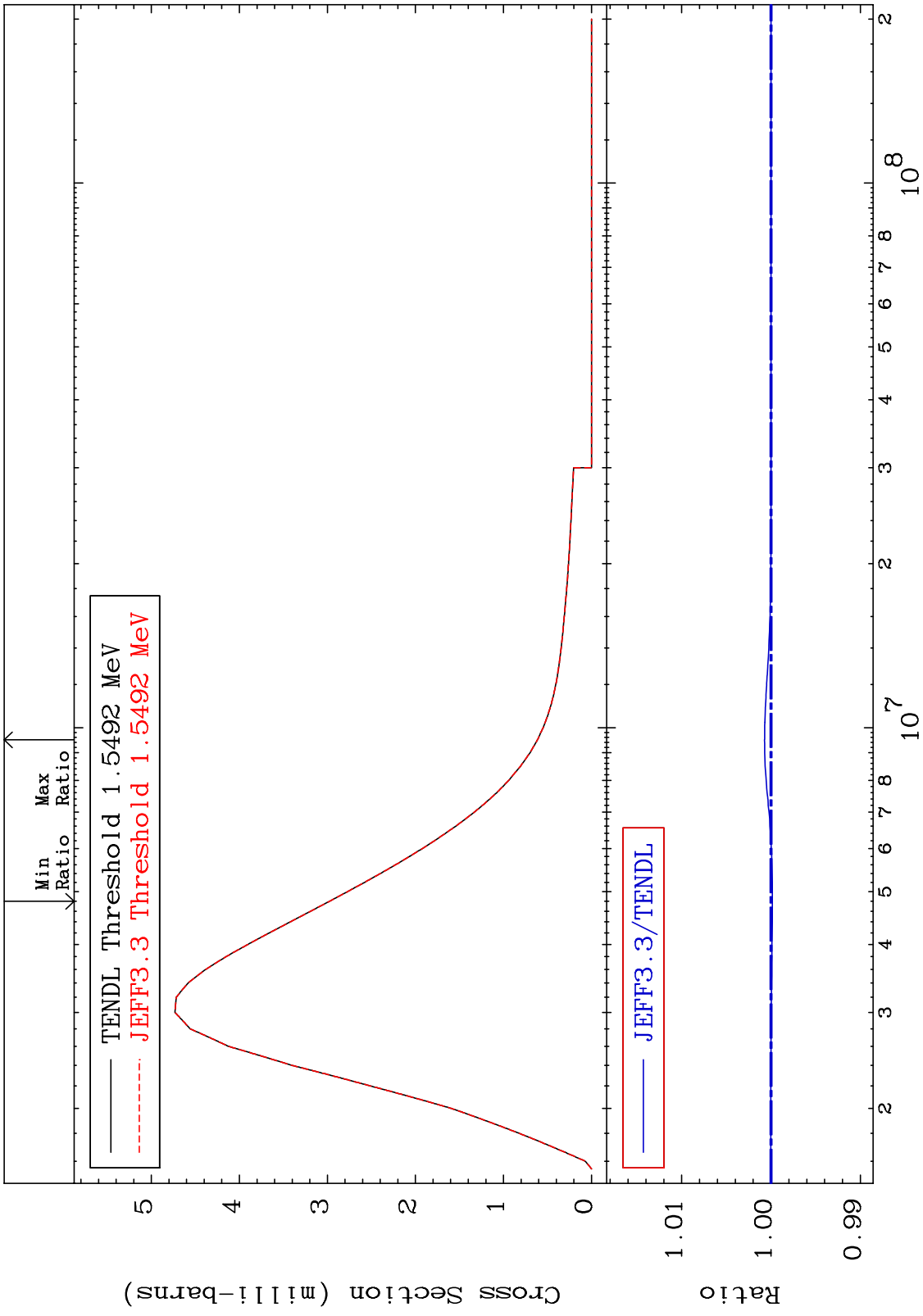
MAT 2325 MT= 60 (n,n') Level Cross Section 23-V -50
 -0.015 To 0.073 %



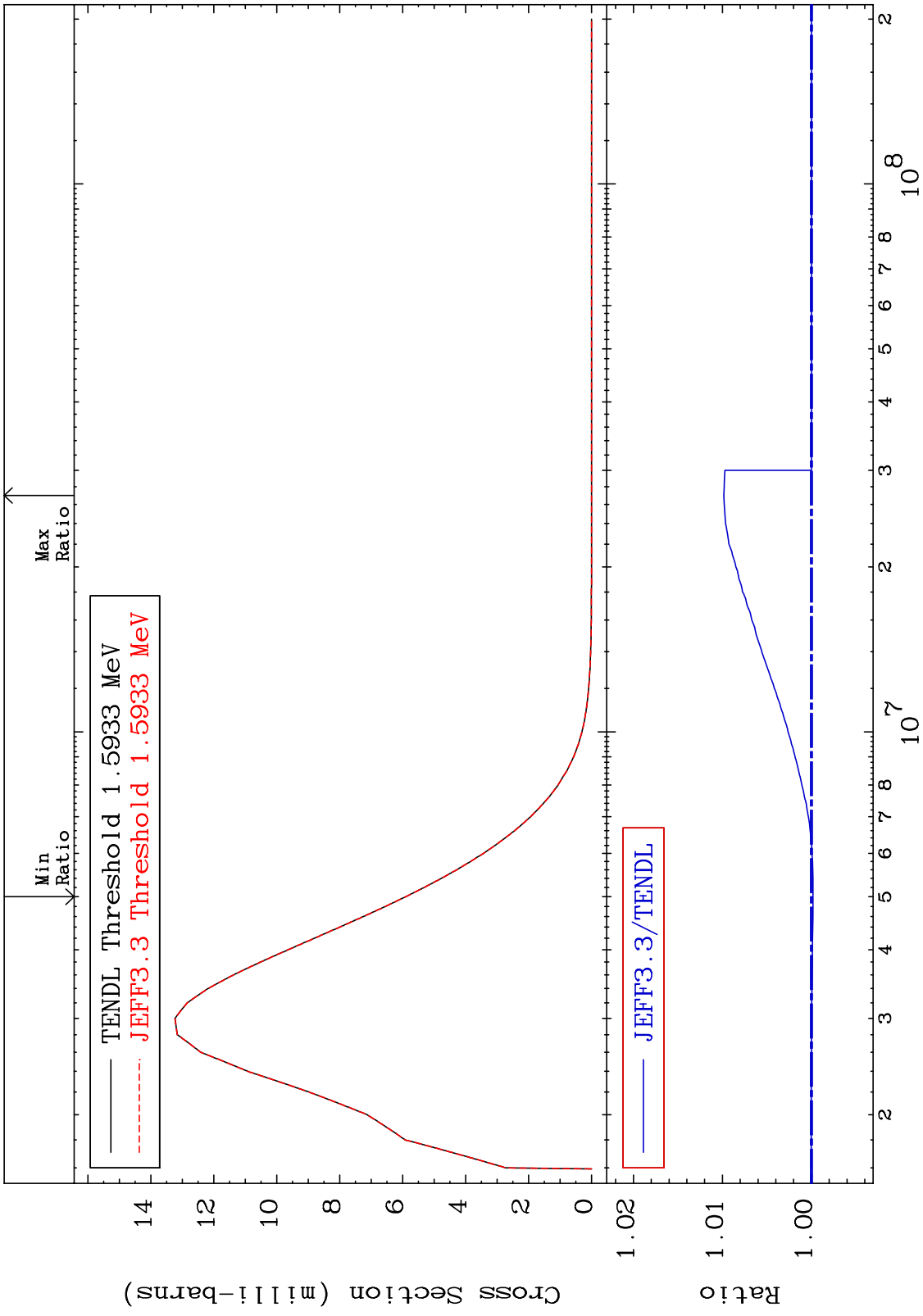
MAT 2325 MT= 61 (n,n') Level Cross Section 23-V -50
 -0.019 To 0.892 %



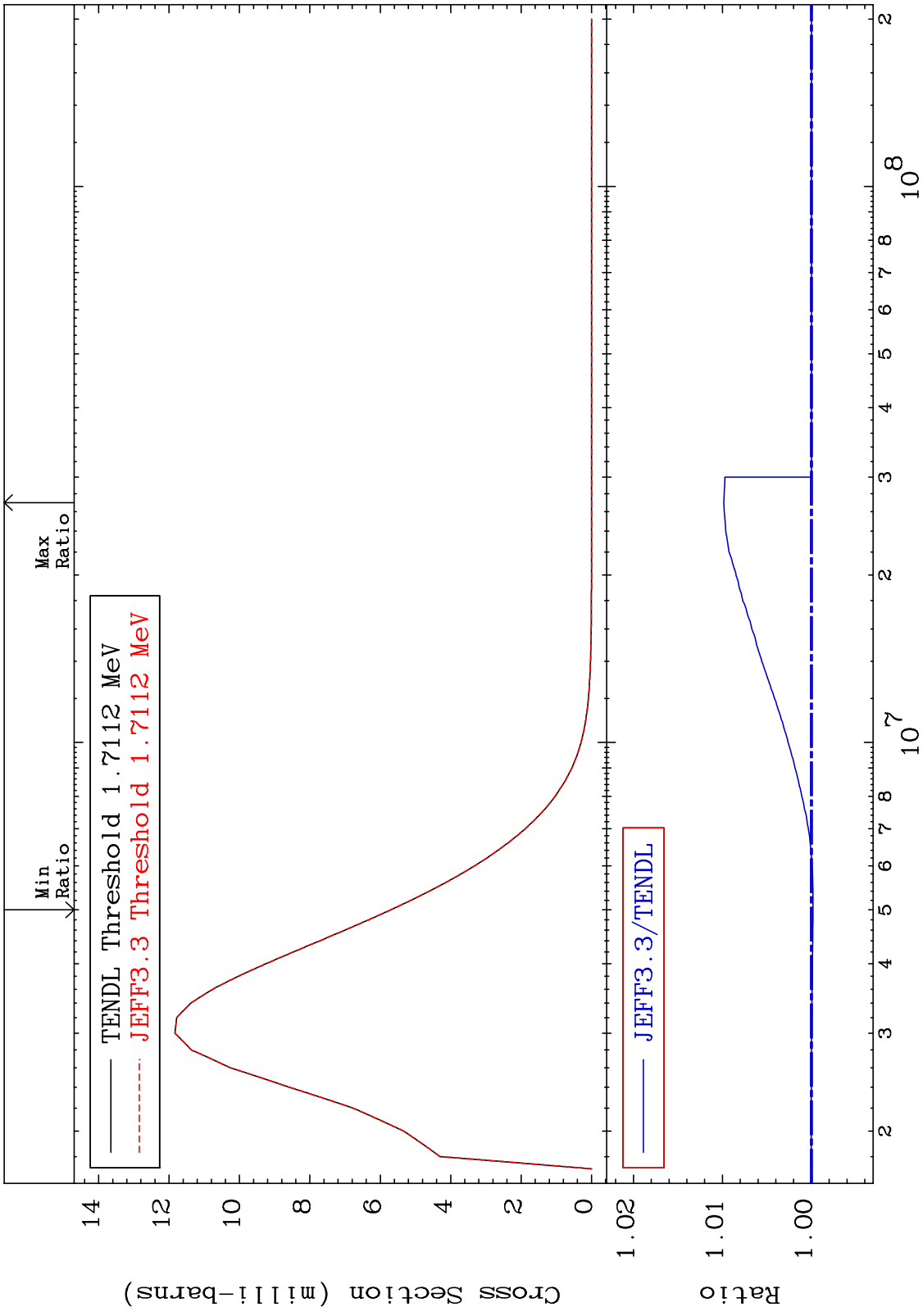
MAT 2325 MT= 62 (n,n') Level Cross Section 23-V -50
 -0.014 To 0.073 %



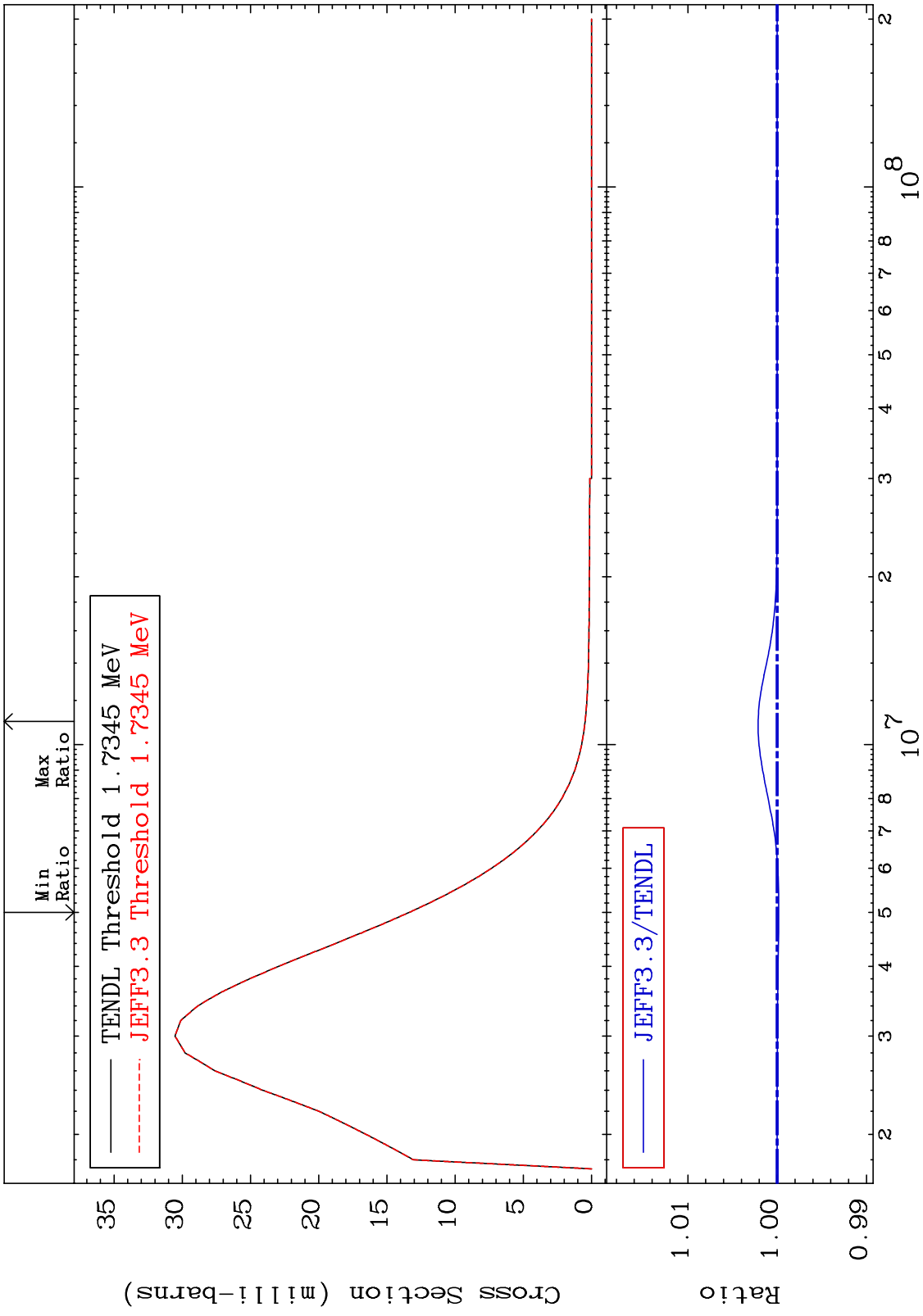
MAT 2325 MT= 63 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.984 %



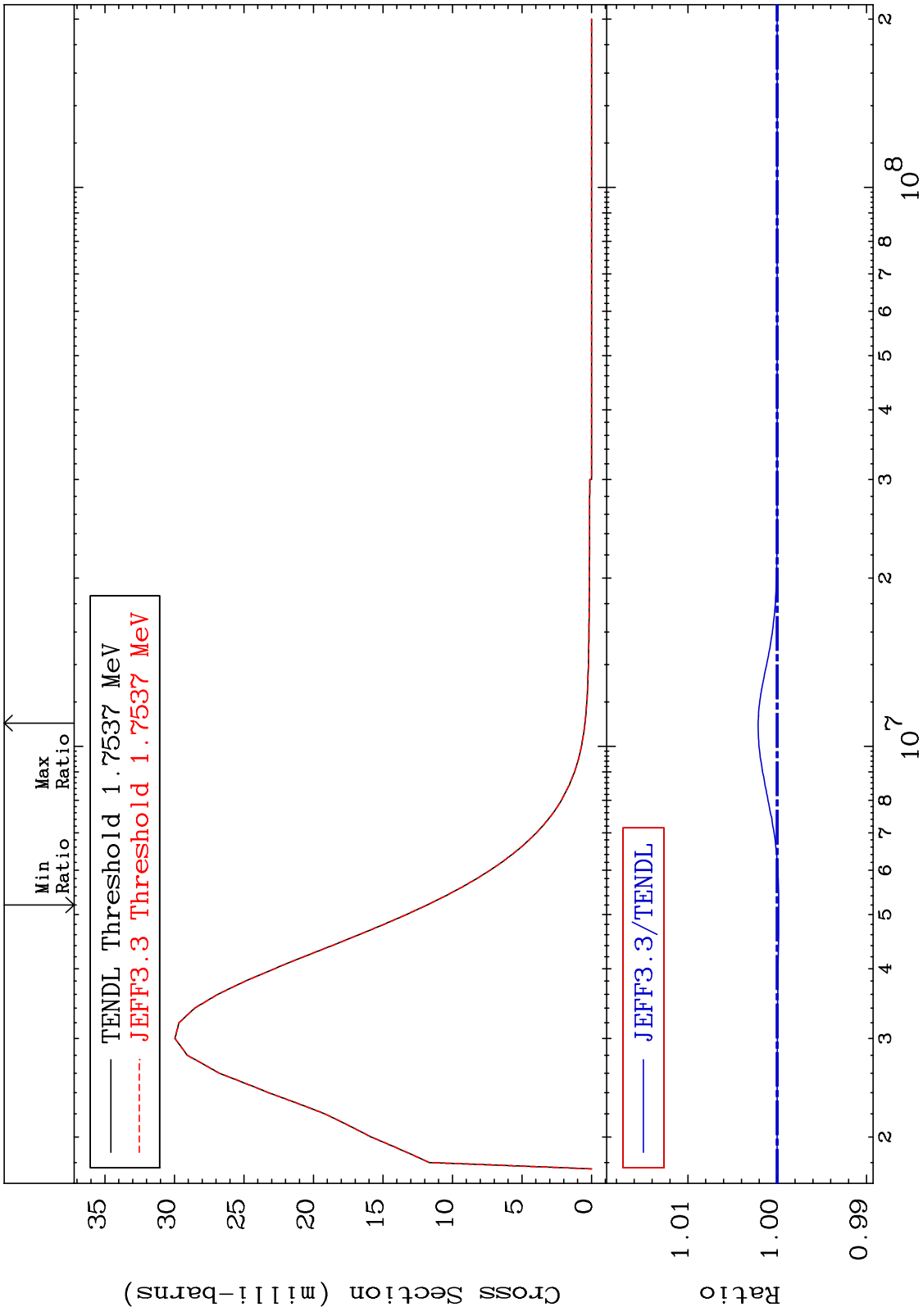
MAT 2325 MT= 64 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.984 %



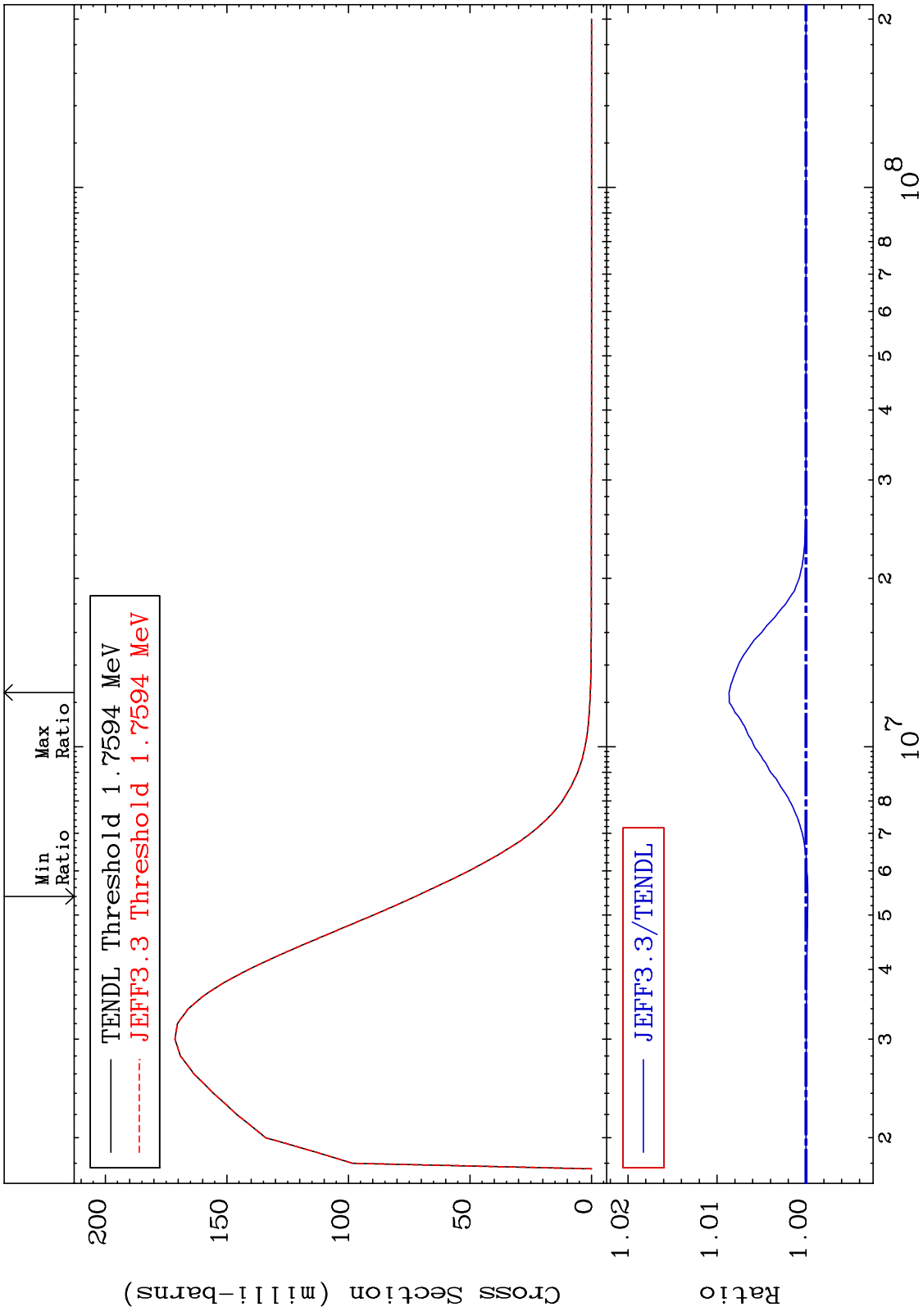
MAT 2325 MT= 65 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.213 %



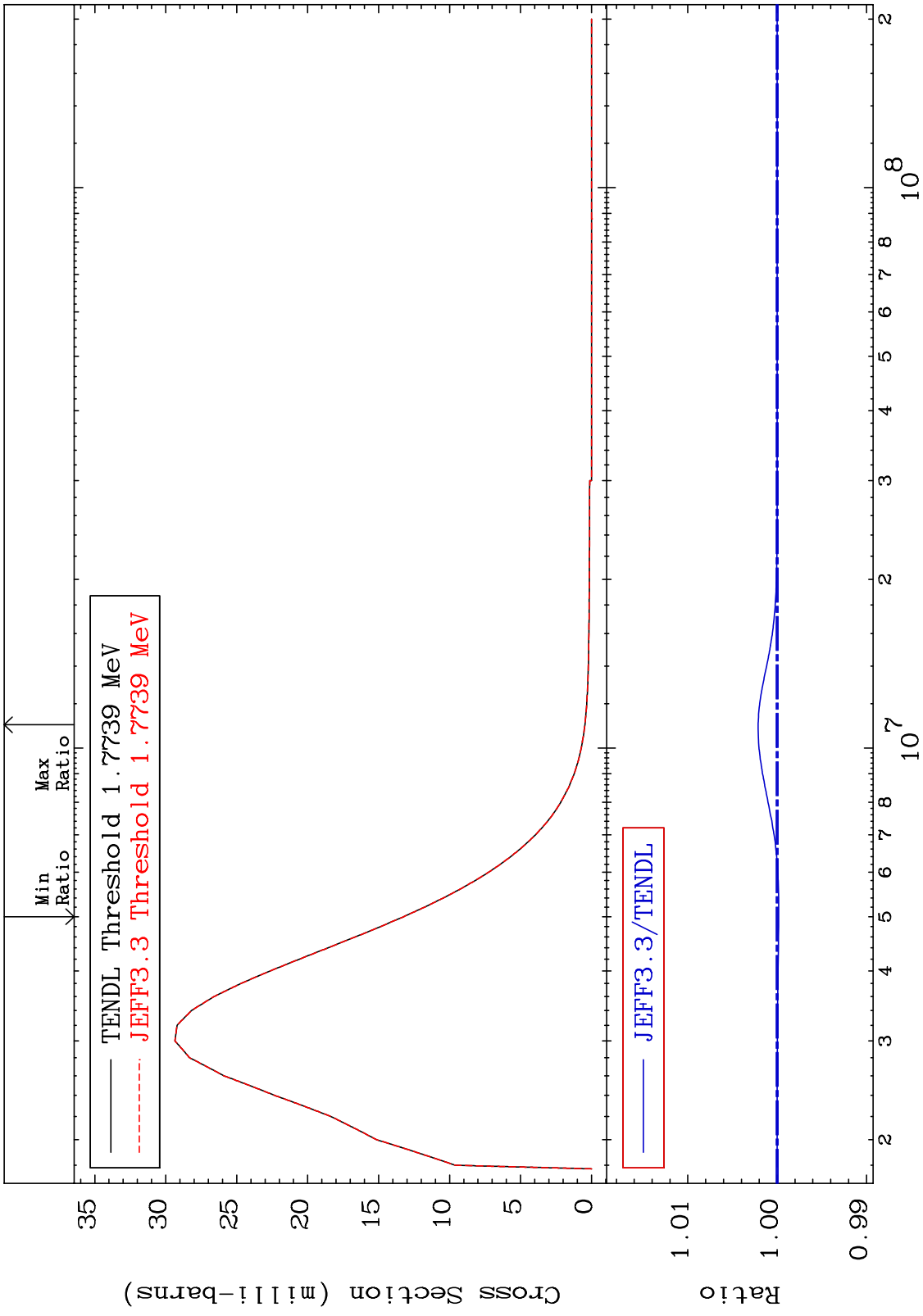
MAT 2325 MT= 67 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.213 %



MAT 2325 MT= 68 (n,n') Level Cross Section 23-V -50
 -0.019 To 0.865 %



MAT 2325 MT= 69 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.213 %

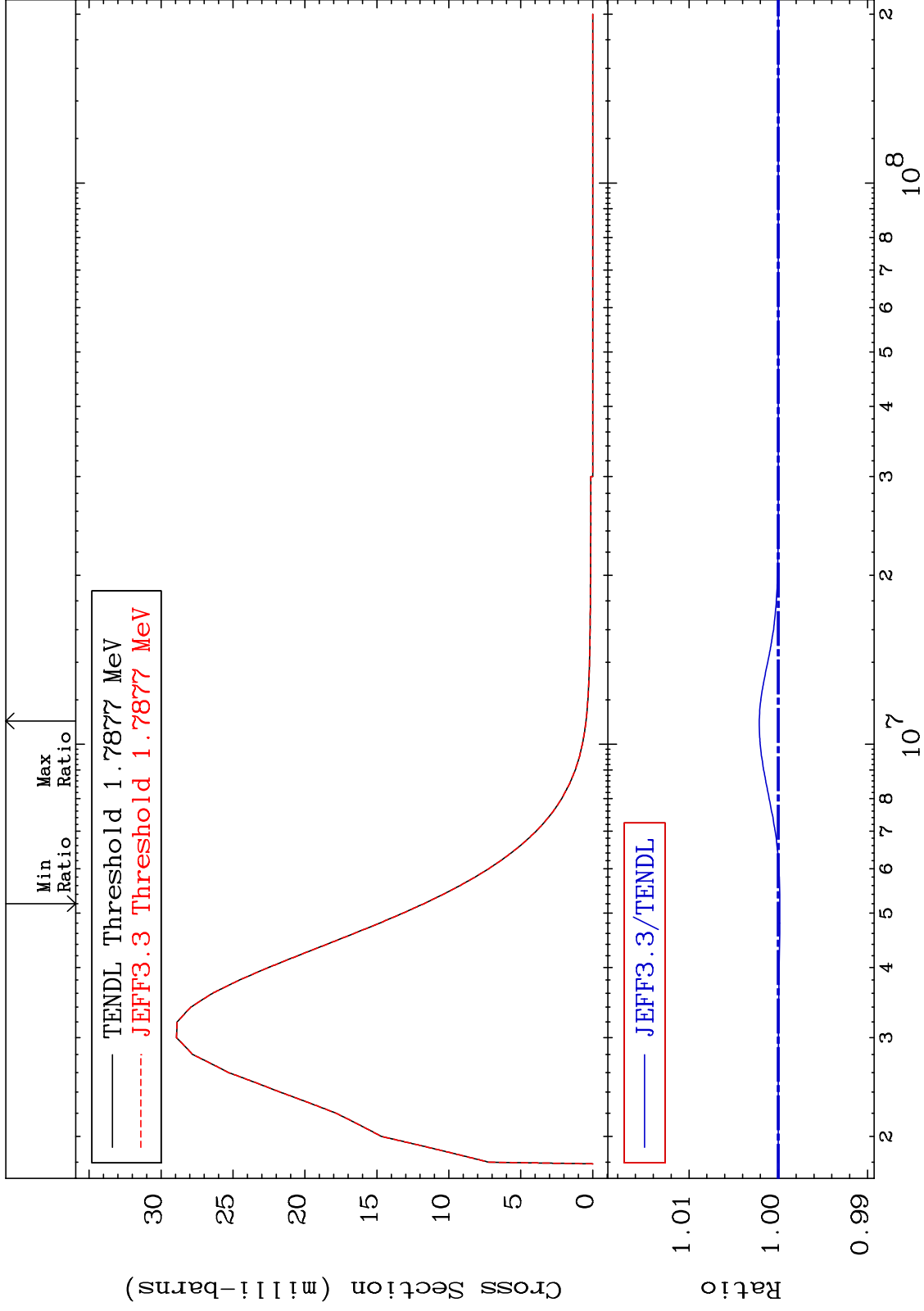


35 23-V -50

MAT 2325

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

23-V -50
-0.018 To 0.213 %

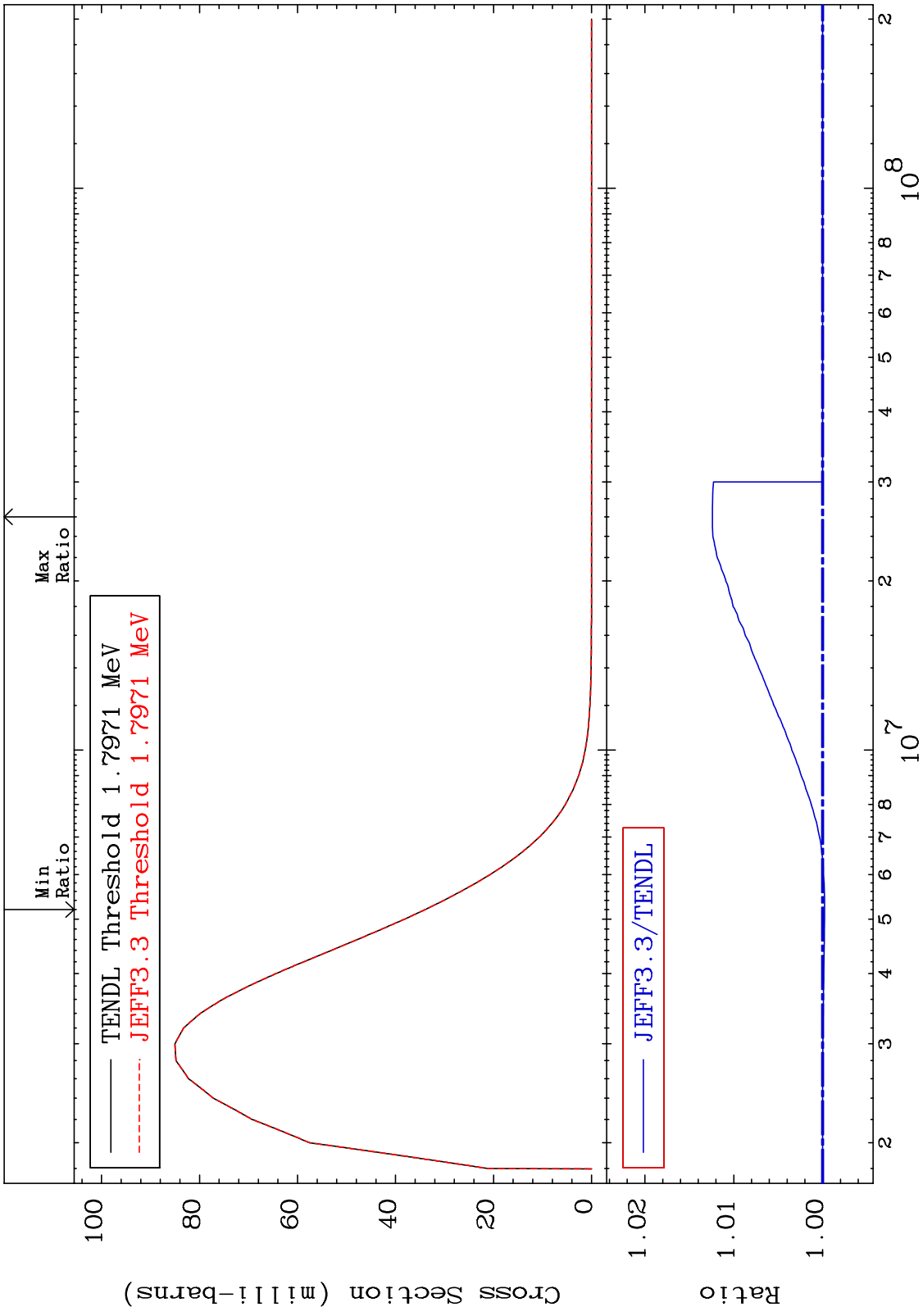


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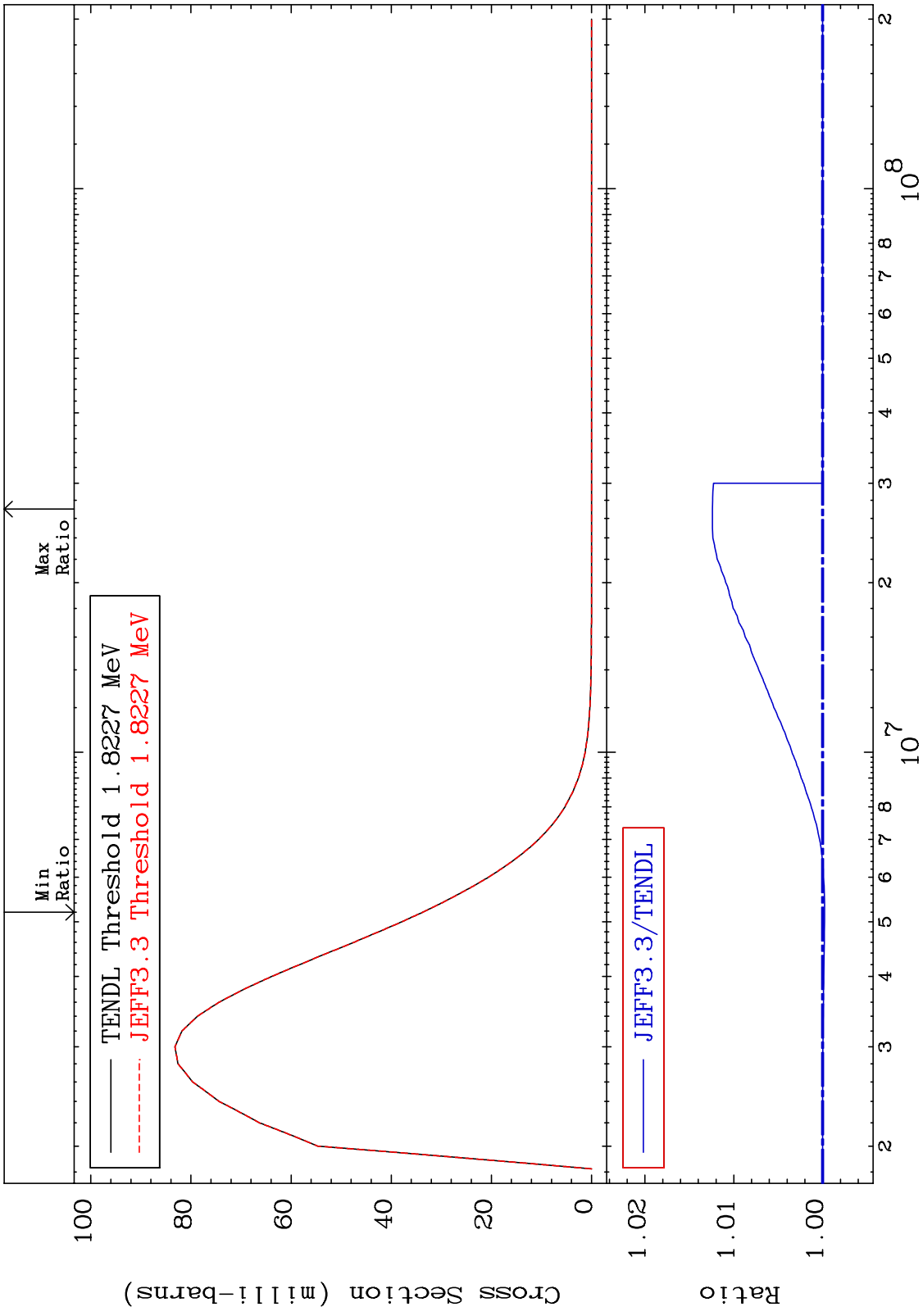
Incident Energy (eV)

23-V -50

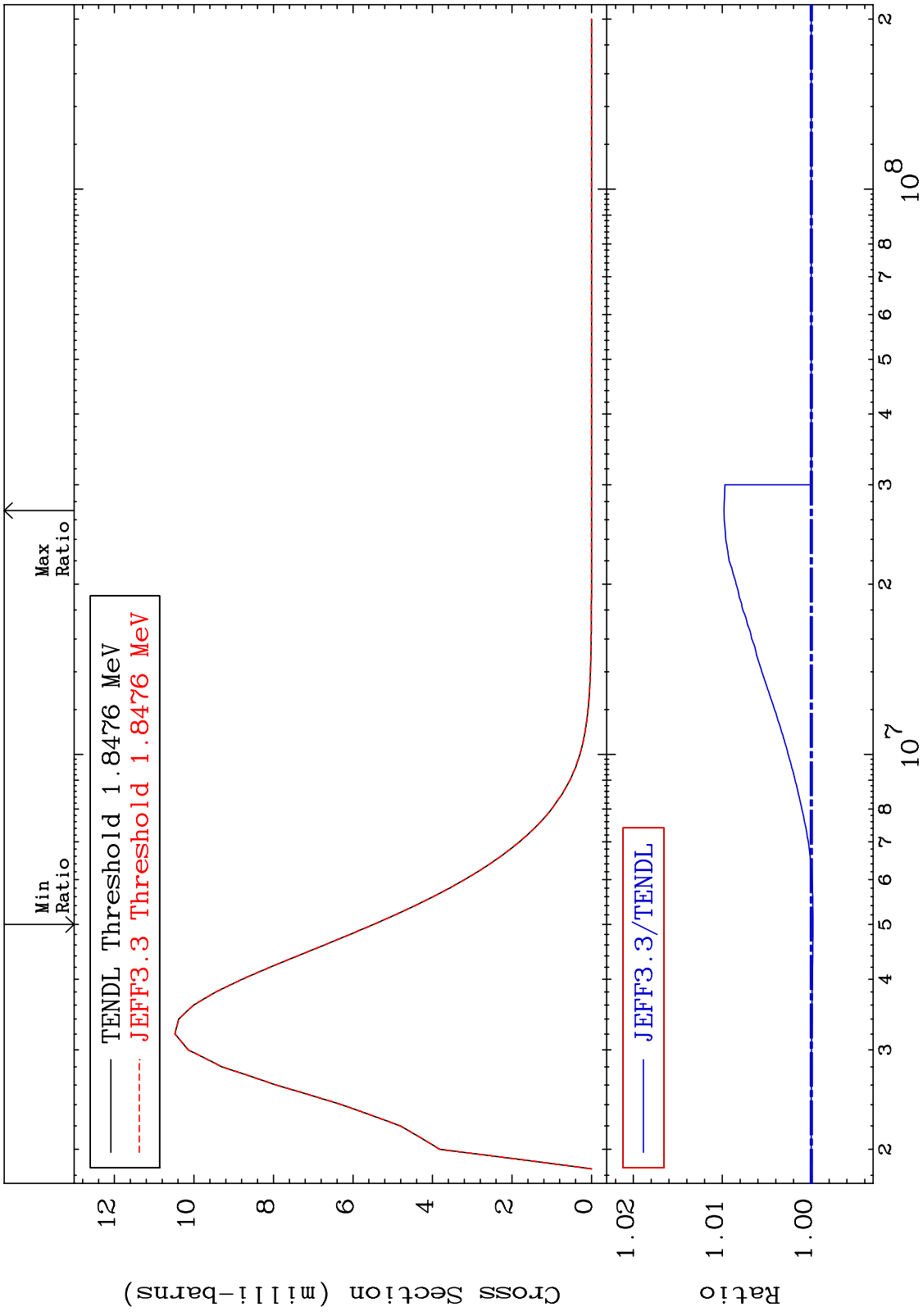
MAT 2325 MT= 71 (n,n') Level Cross Section -0.021 To 1.241 % 23-V -50



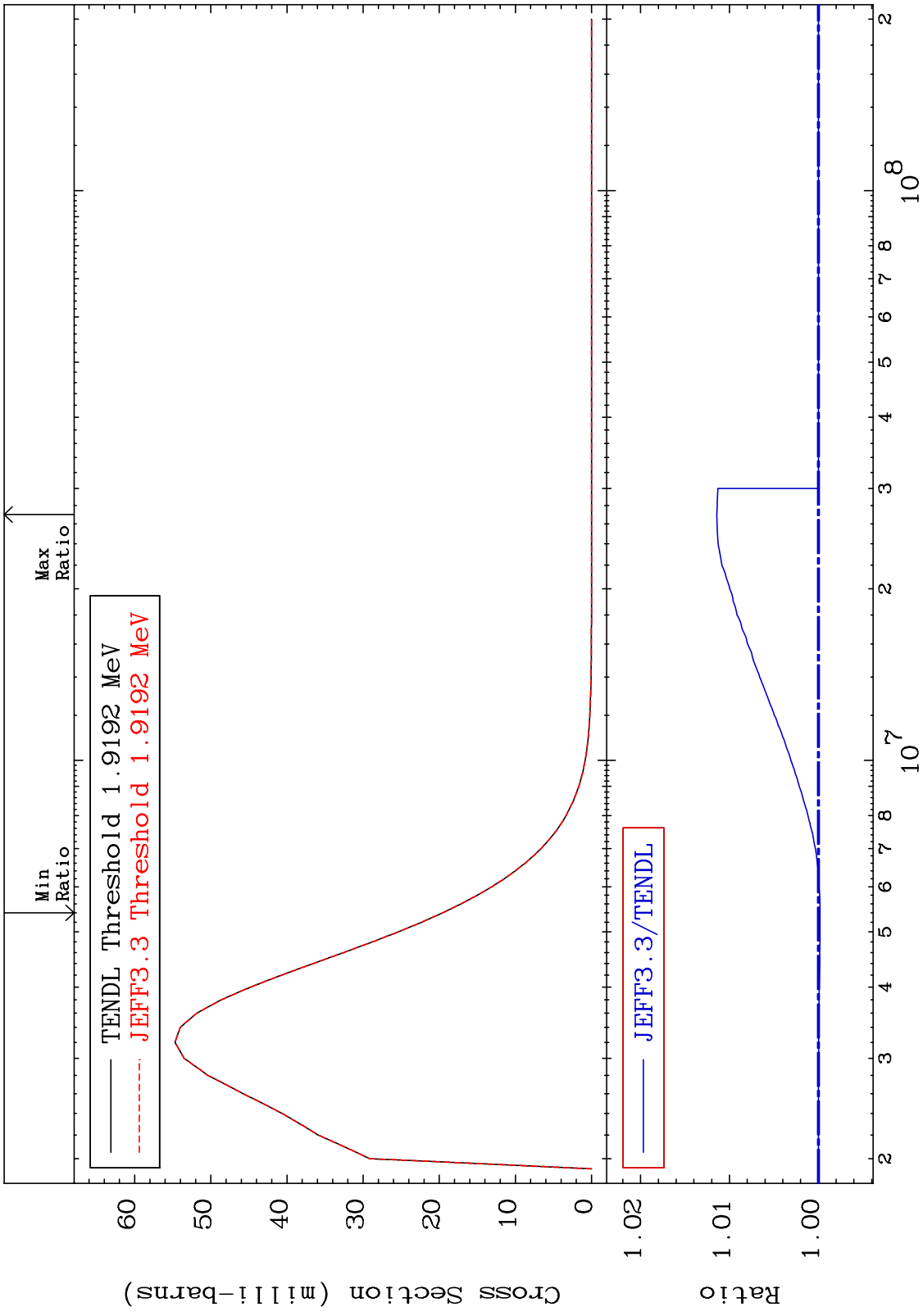
MAT 2325 MT= 72 (n,n') Level Cross Section 23-V -50
 -0.021 To 1.241 %



MAT 2325 MT= 73 (n,n') Level Cross Section 23-V -50
 -0.018 To 0.982 %

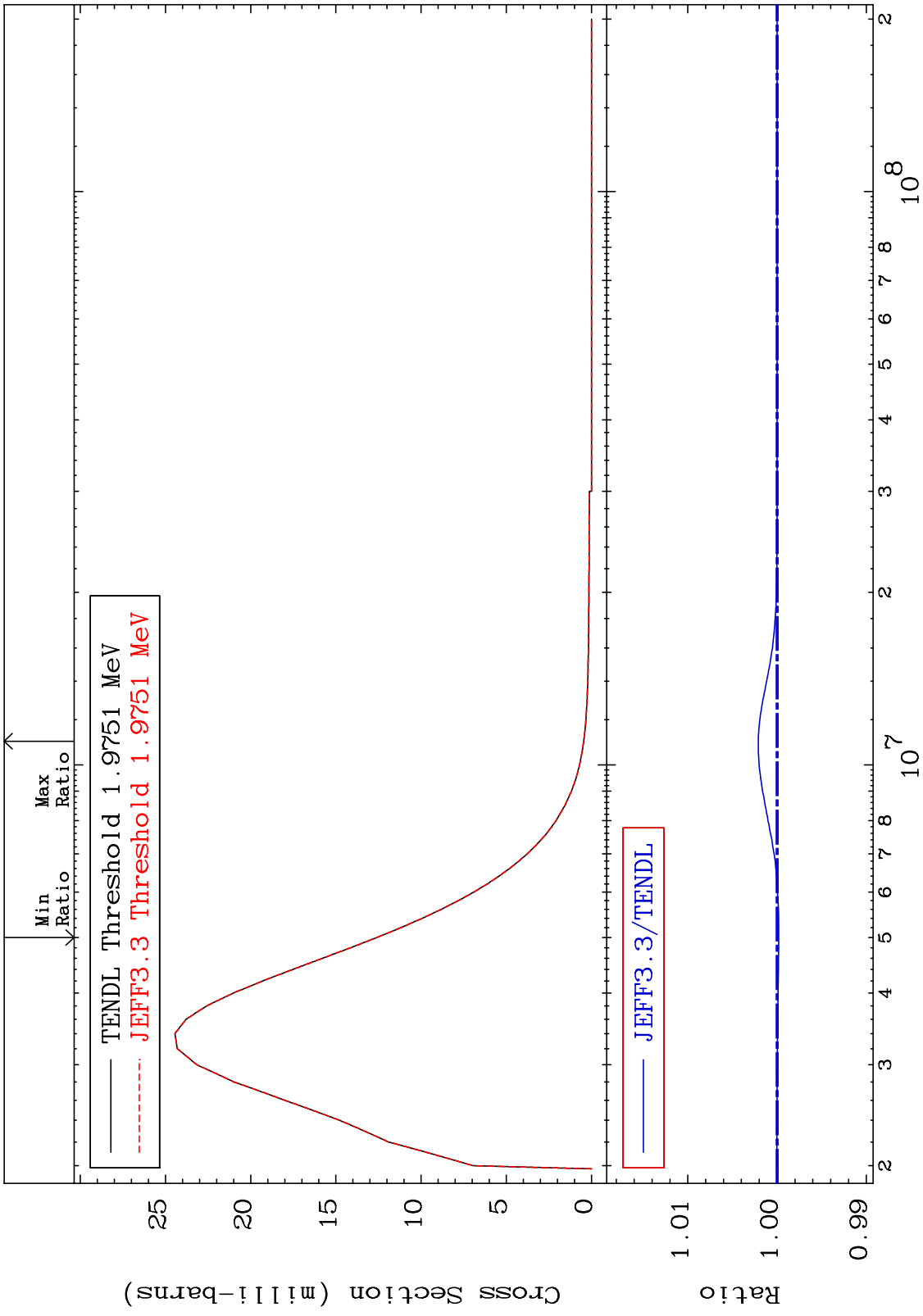


MAT 2325 MT= 74 (n,n') Level Cross Section 23-V -50
 -0.019 To 1.143 %

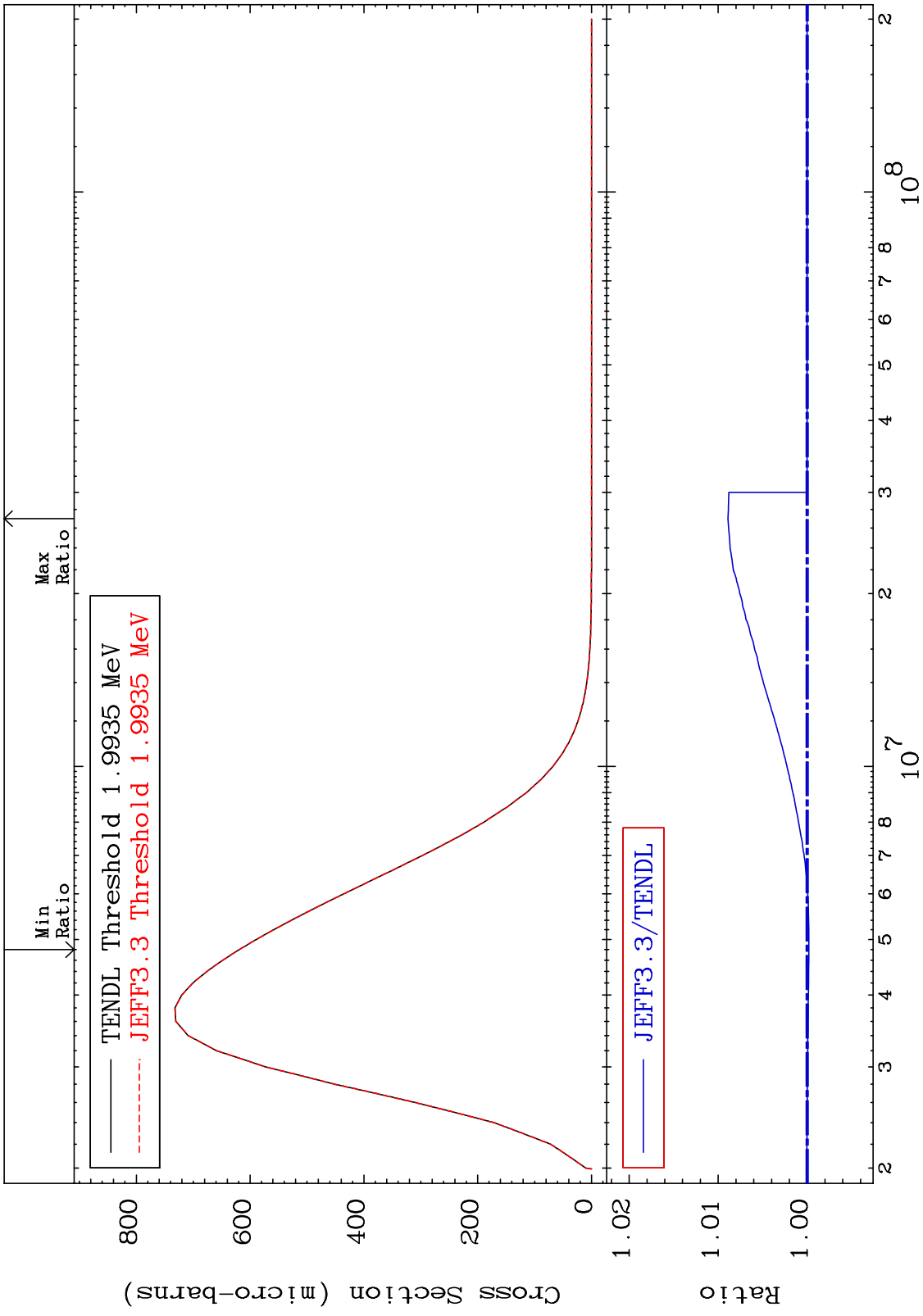


40 23-V -50

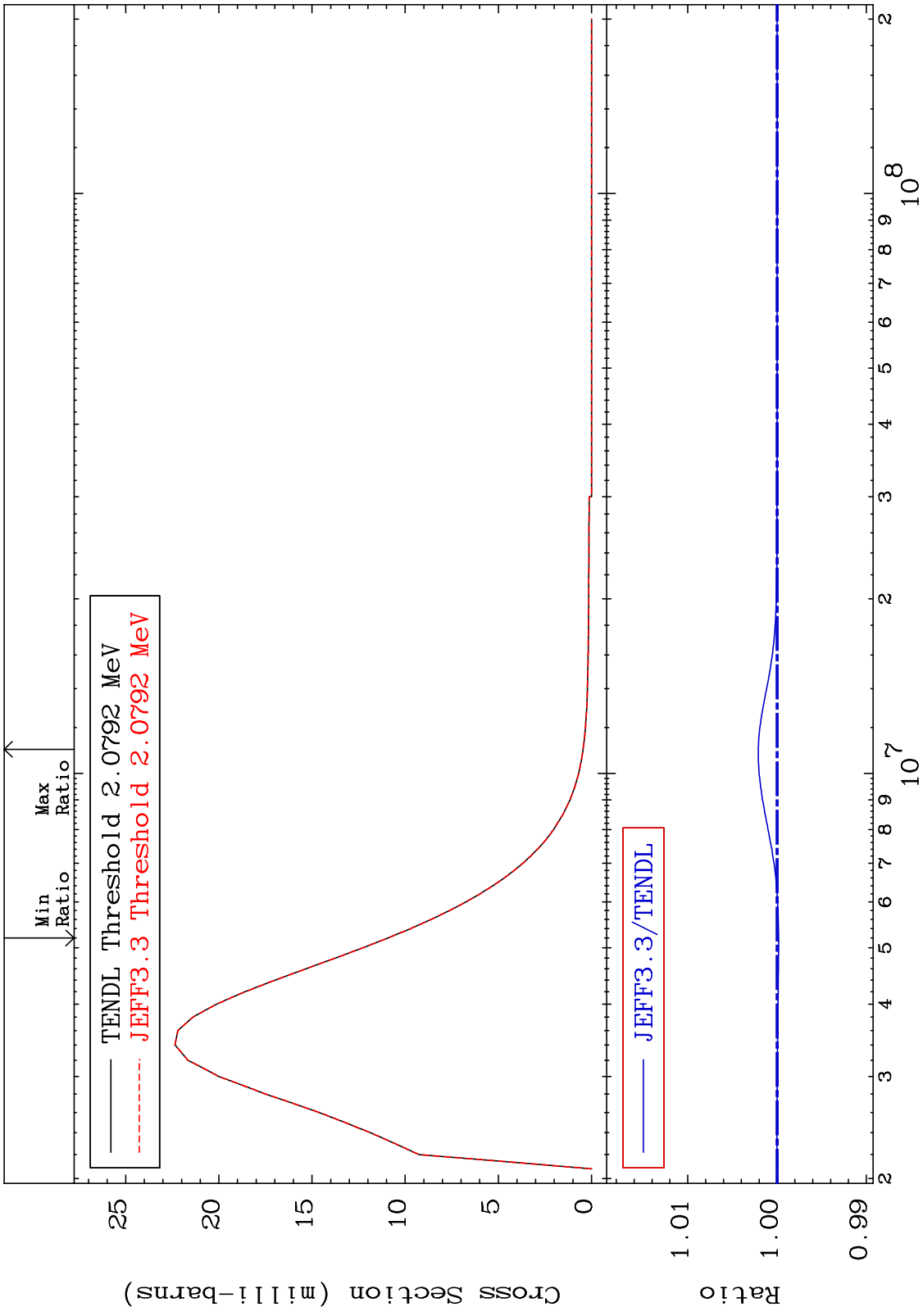
MAT 2325 MT= 75 (n,n') Level Cross Section 23-V -50
 -0.017 To 0.211 %



MAT 2325 MT= 76 (n,n') Level Cross Section 23-V -50
 -0.019 To 0.889 %



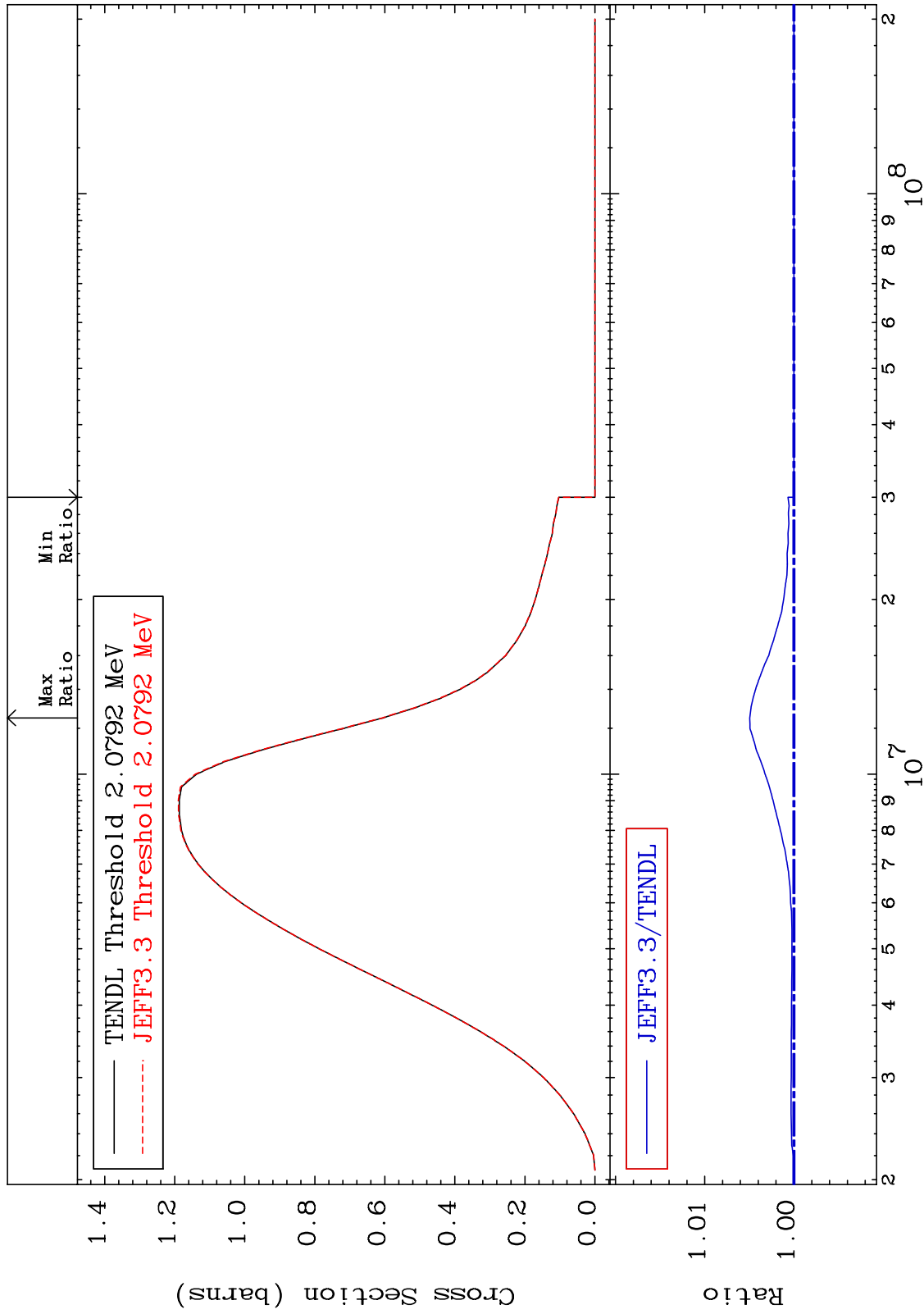
MAT 2325 MT= 77 (n,n') Level Cross Section 23-V -50
 -0.017 To 0.210 %



MAT 2325

(n, n') Continuum
Cross Section

23-V -50
0.000 To 0.494 %



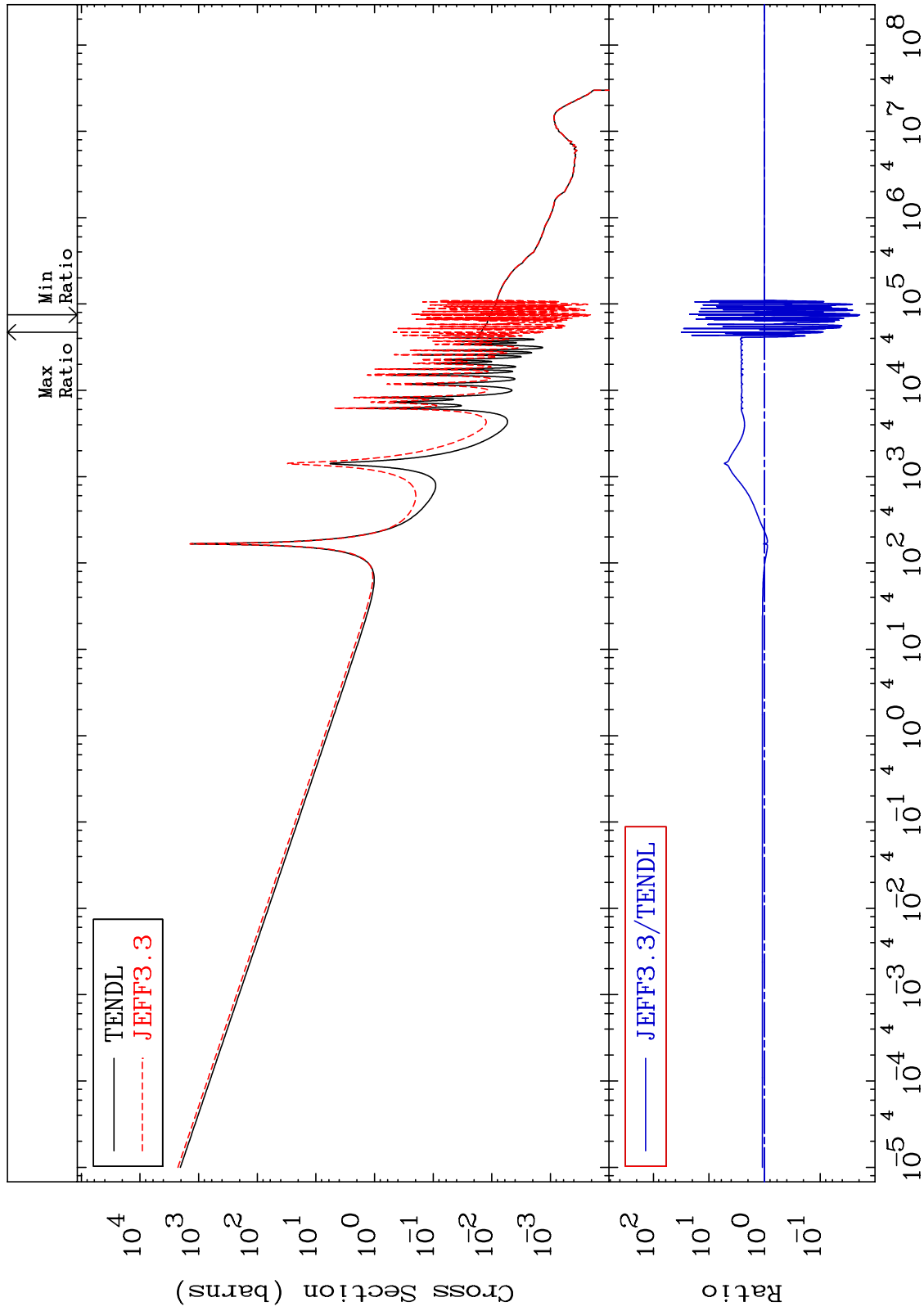
MAT 2325

(n, γ)

23-V -50

-98.06 To 3057. %

Cross Section



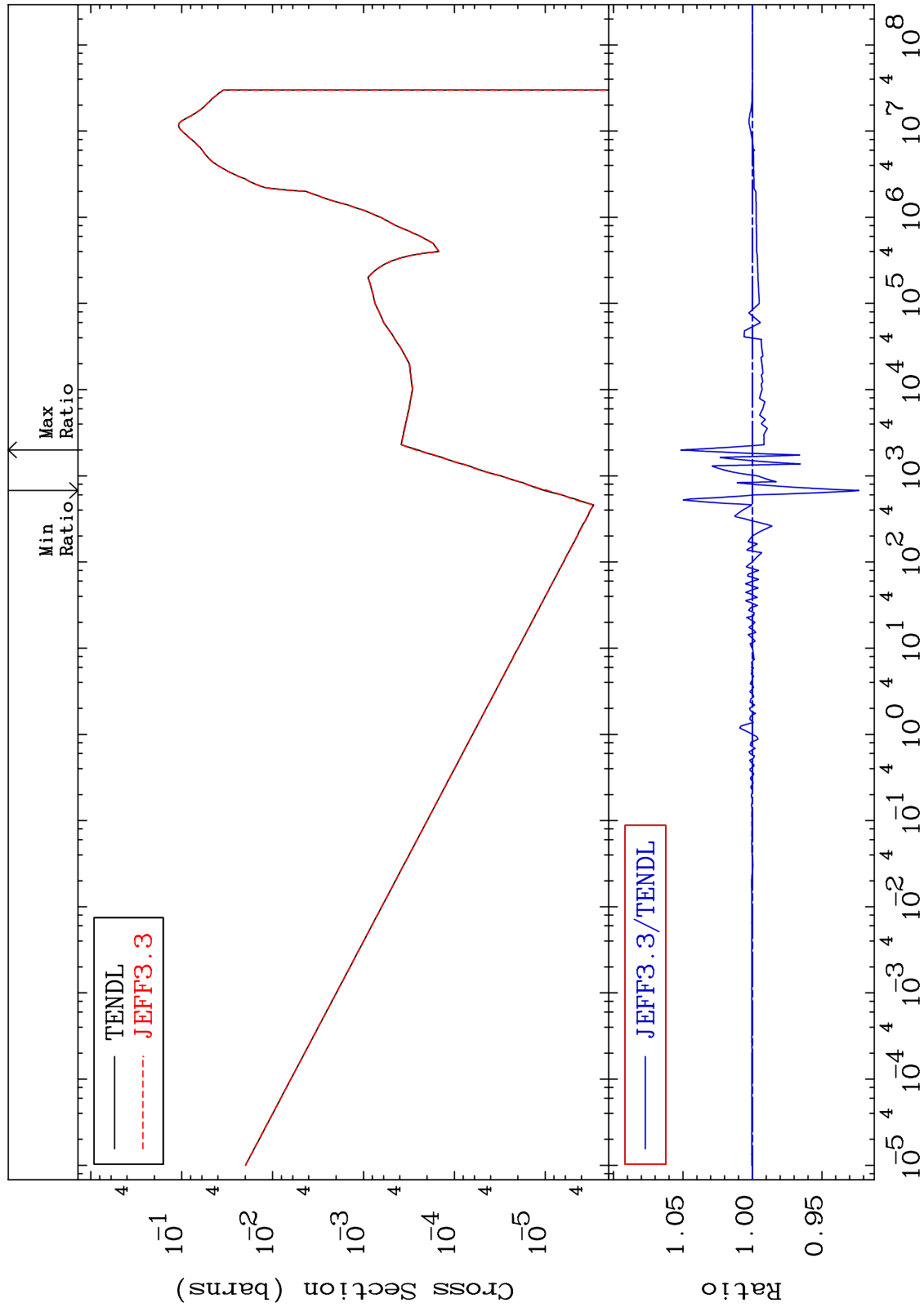
MAT 2325

(n,p)

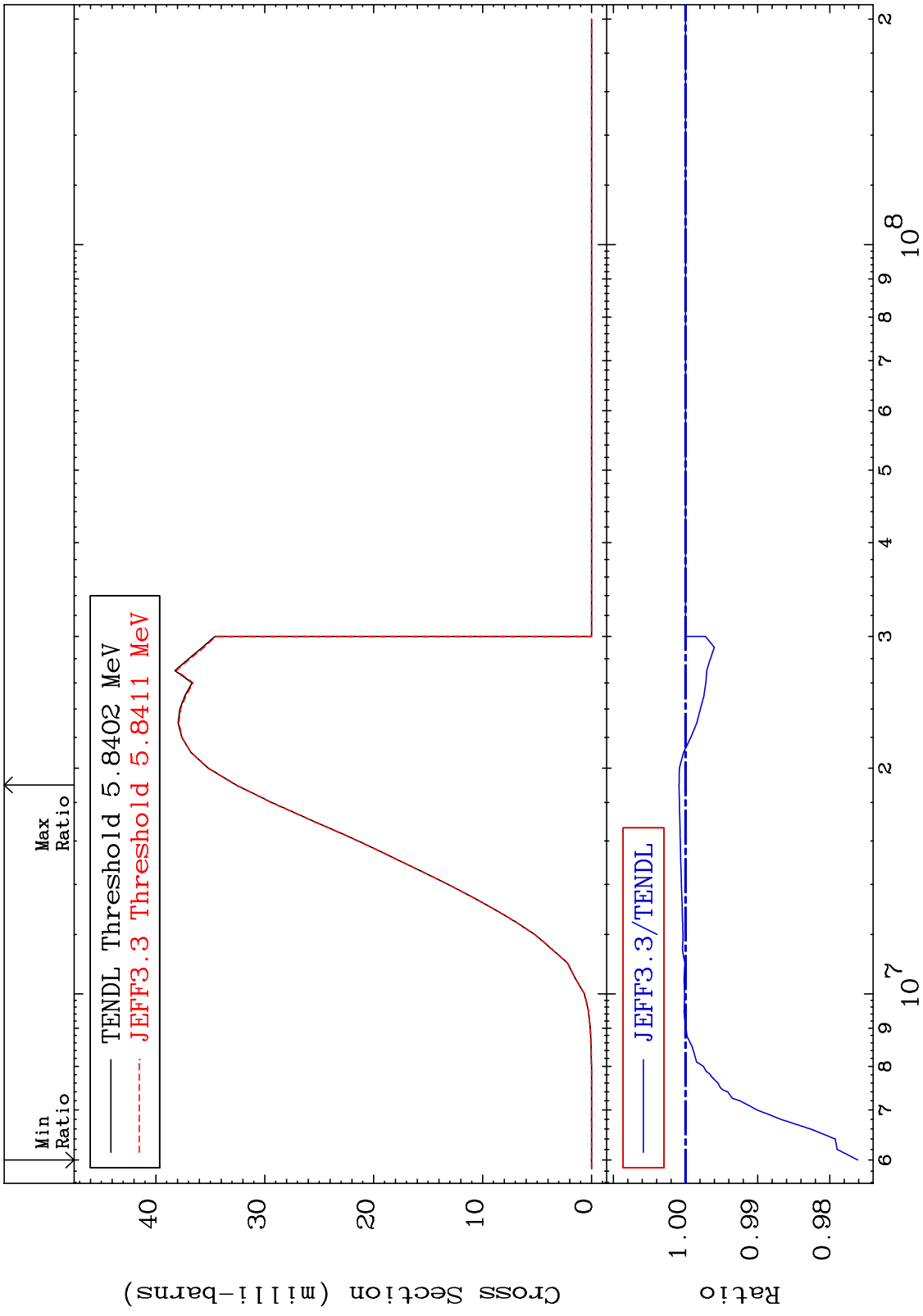
23-V -50

-7.676 To 5.149 %

Cross Section

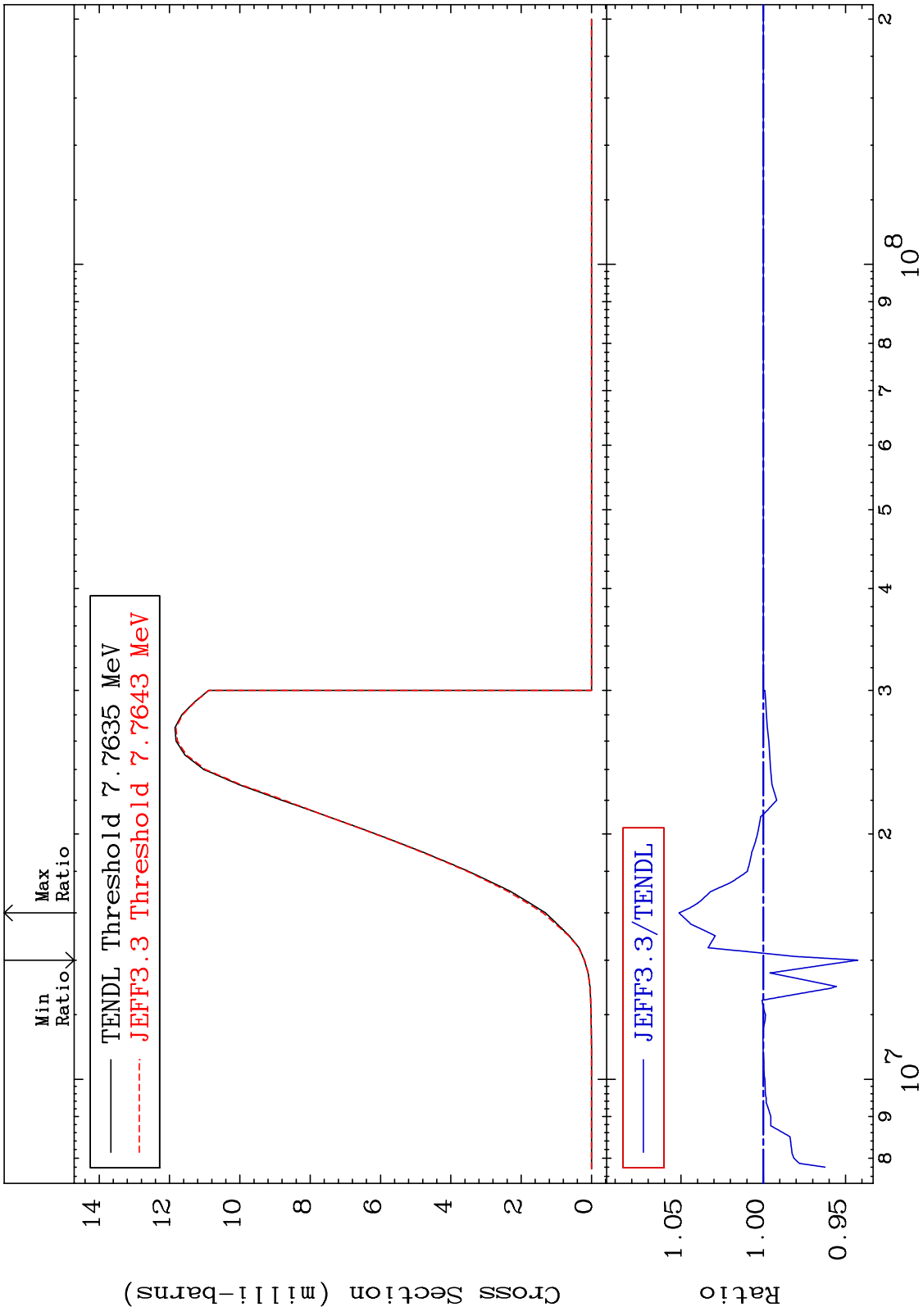


MAT 2325 (n,d) 23-V -50
 Cross Section -2.389 To 0.090 %



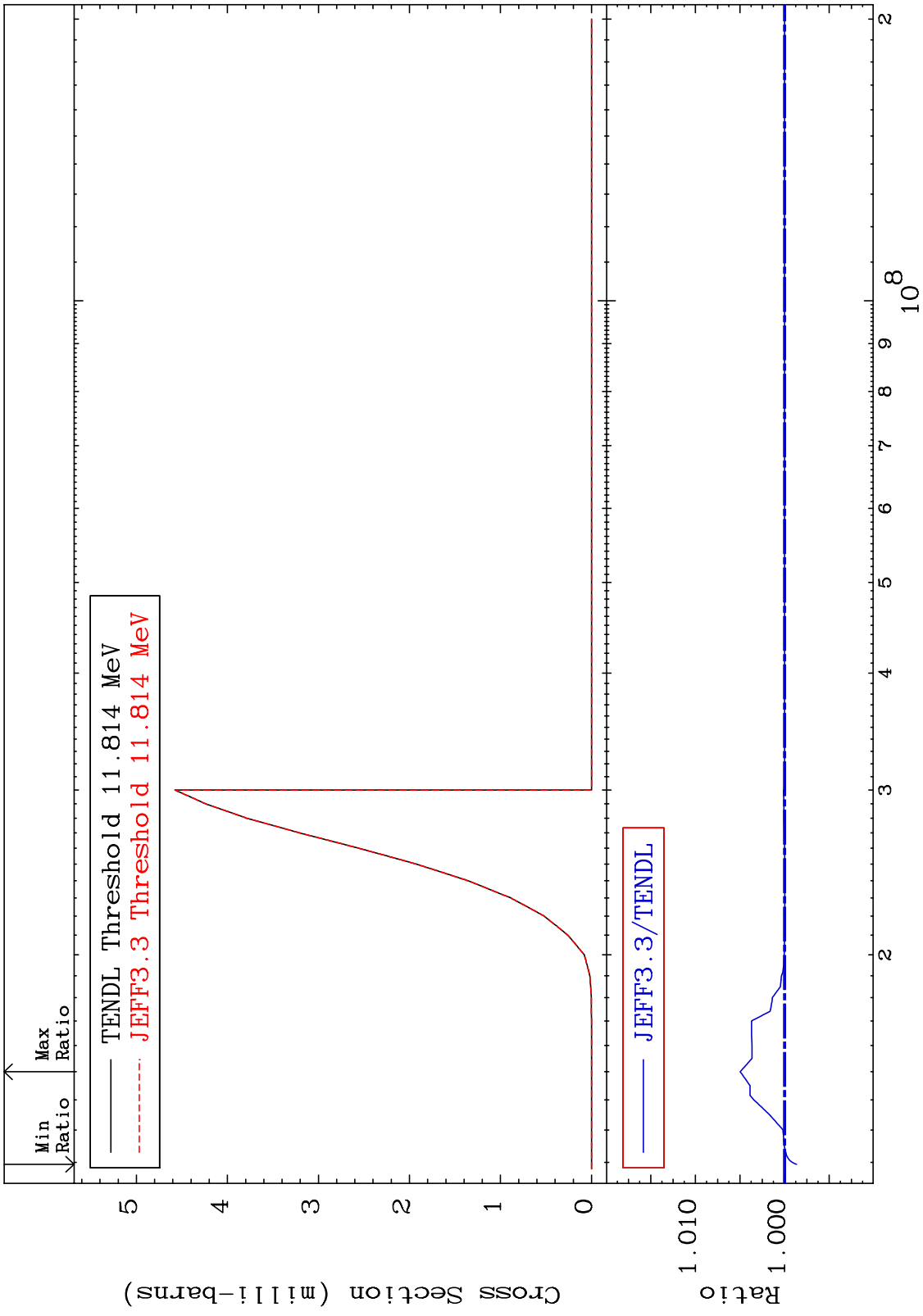
47 Incident Energy (eV) 23-V -50

MAT 2325 (n,t) 23-V -50
 Cross Section -5.746 To 5.122 %

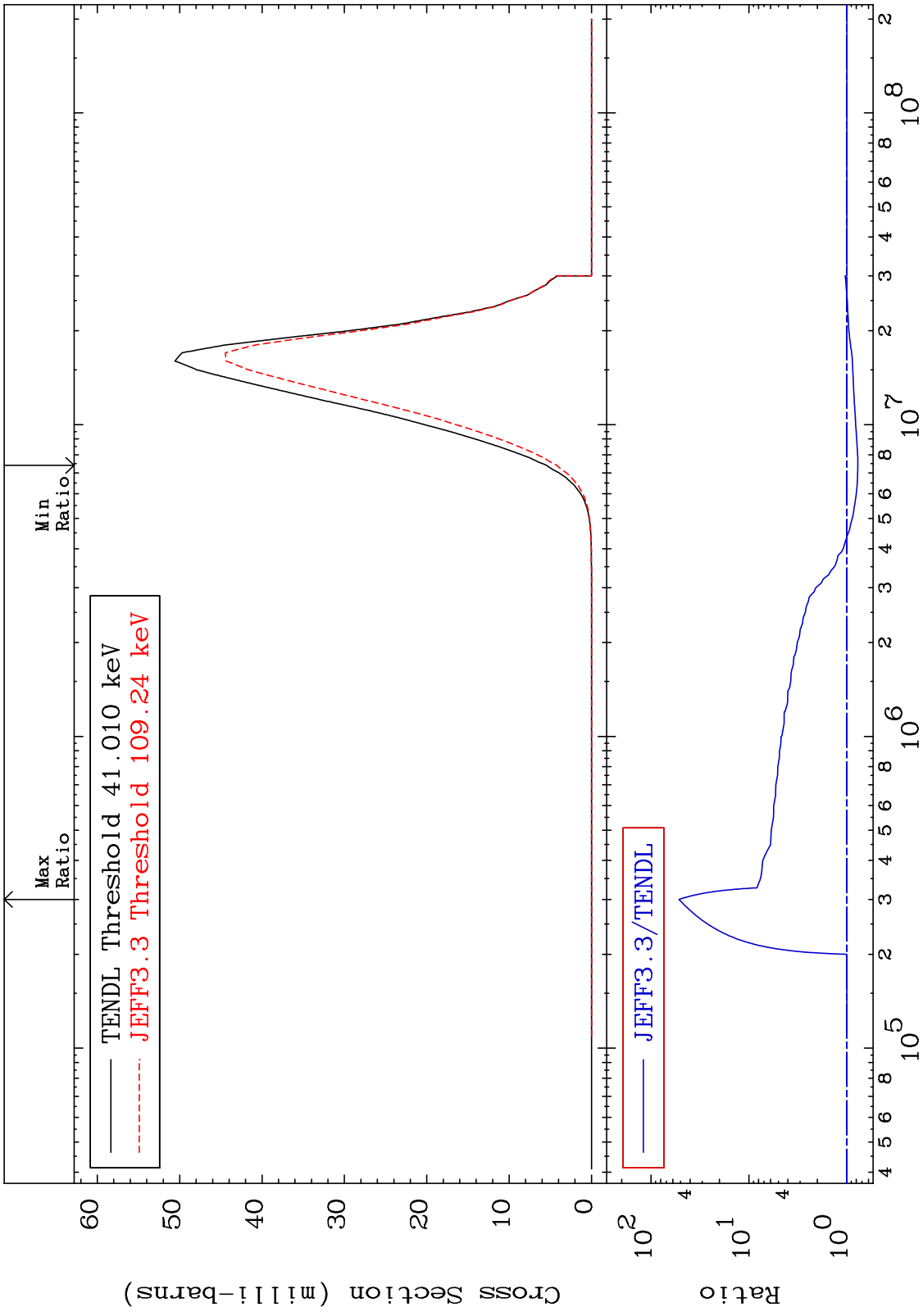


48 Incident Energy (eV) 23-V -50

MAT 2325 (n, He-3) 23-V -50
 Cross Section -0.136 To 0.497 %

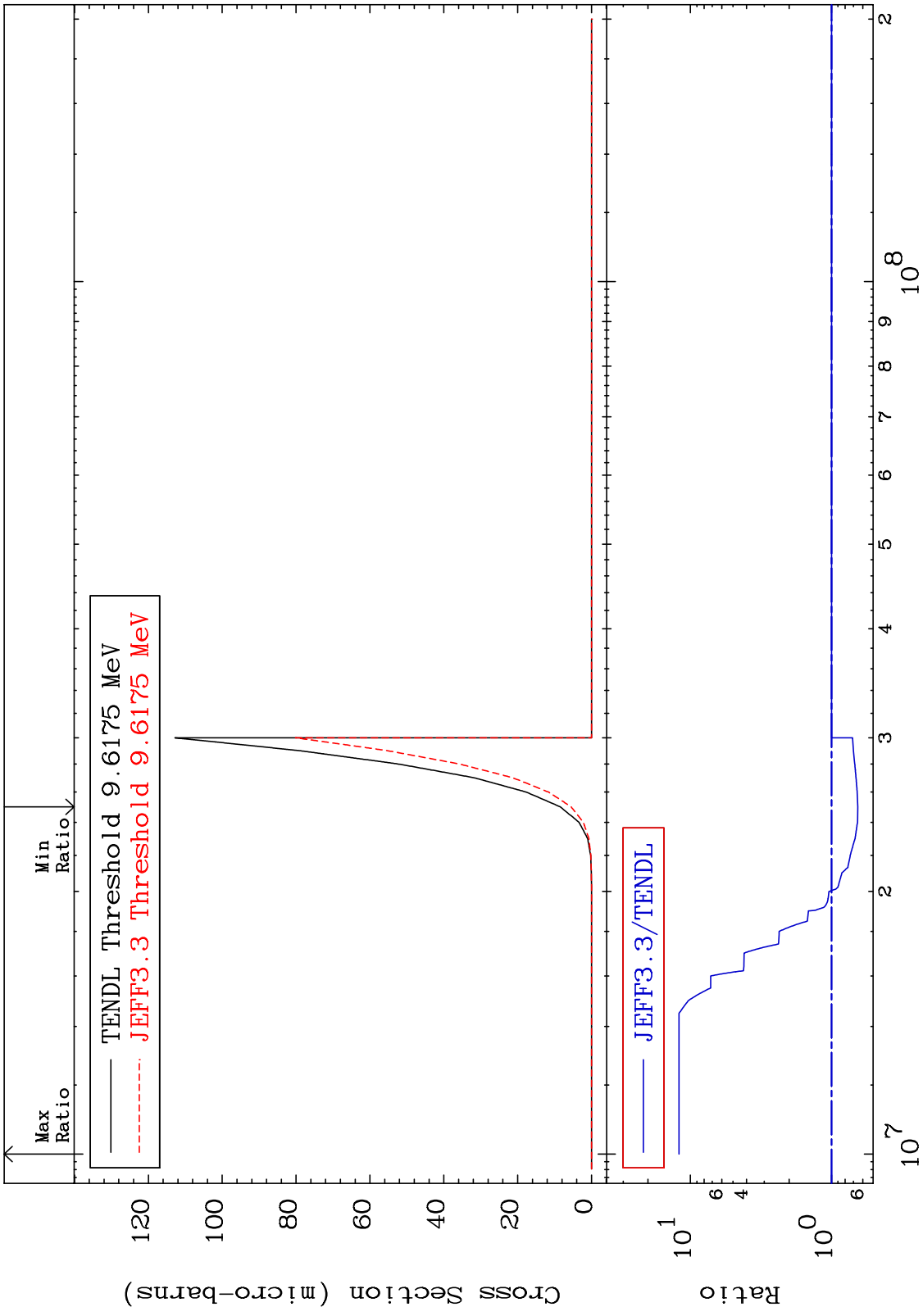


MAT 2325 (n,α) 23-V -50
 -22.79 To 5078. %
 Cross Section



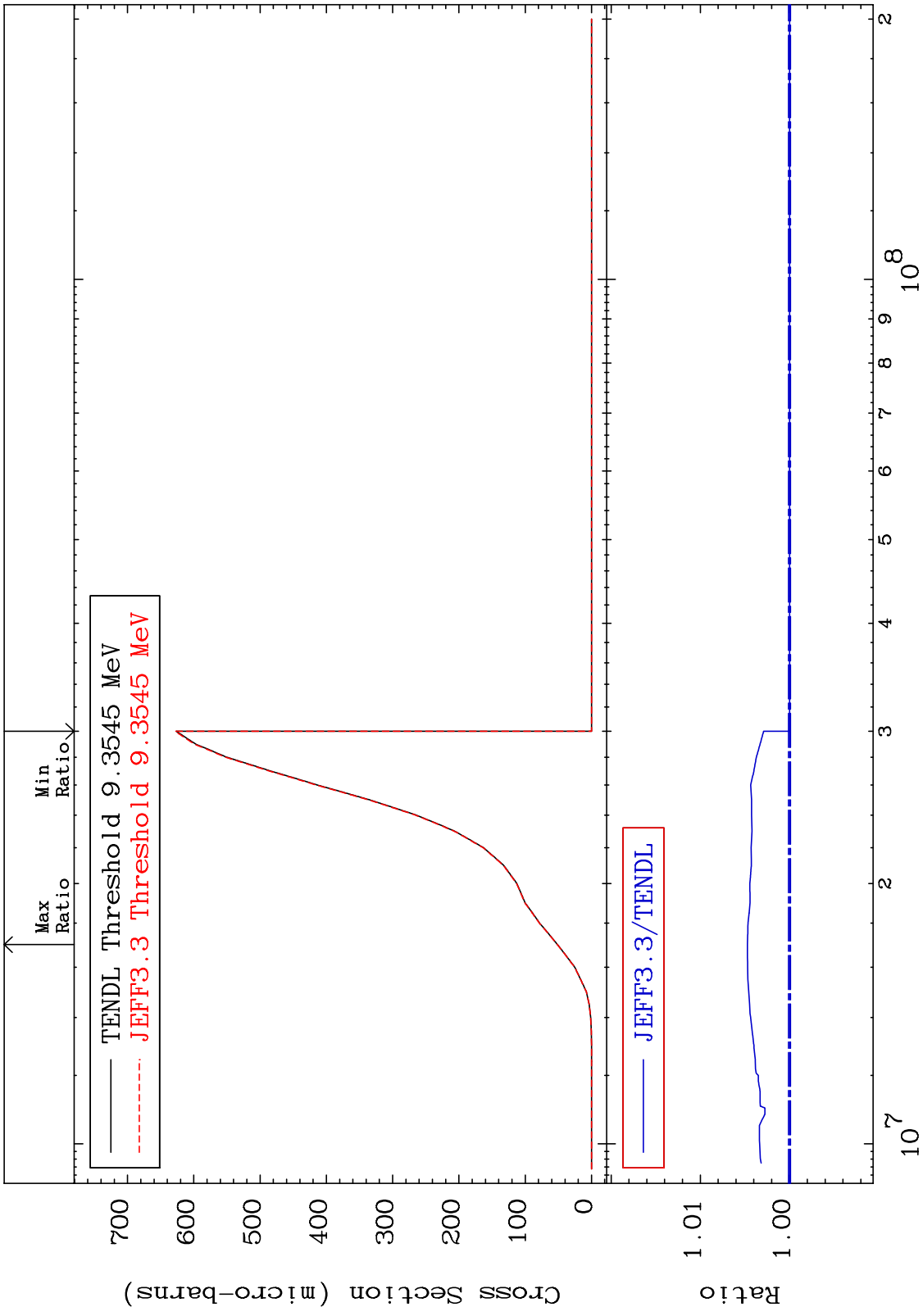
50 23-V -50

MAT 2325 (n,2α) Cross Section 23-V -50
 -34.91 To 1104. %



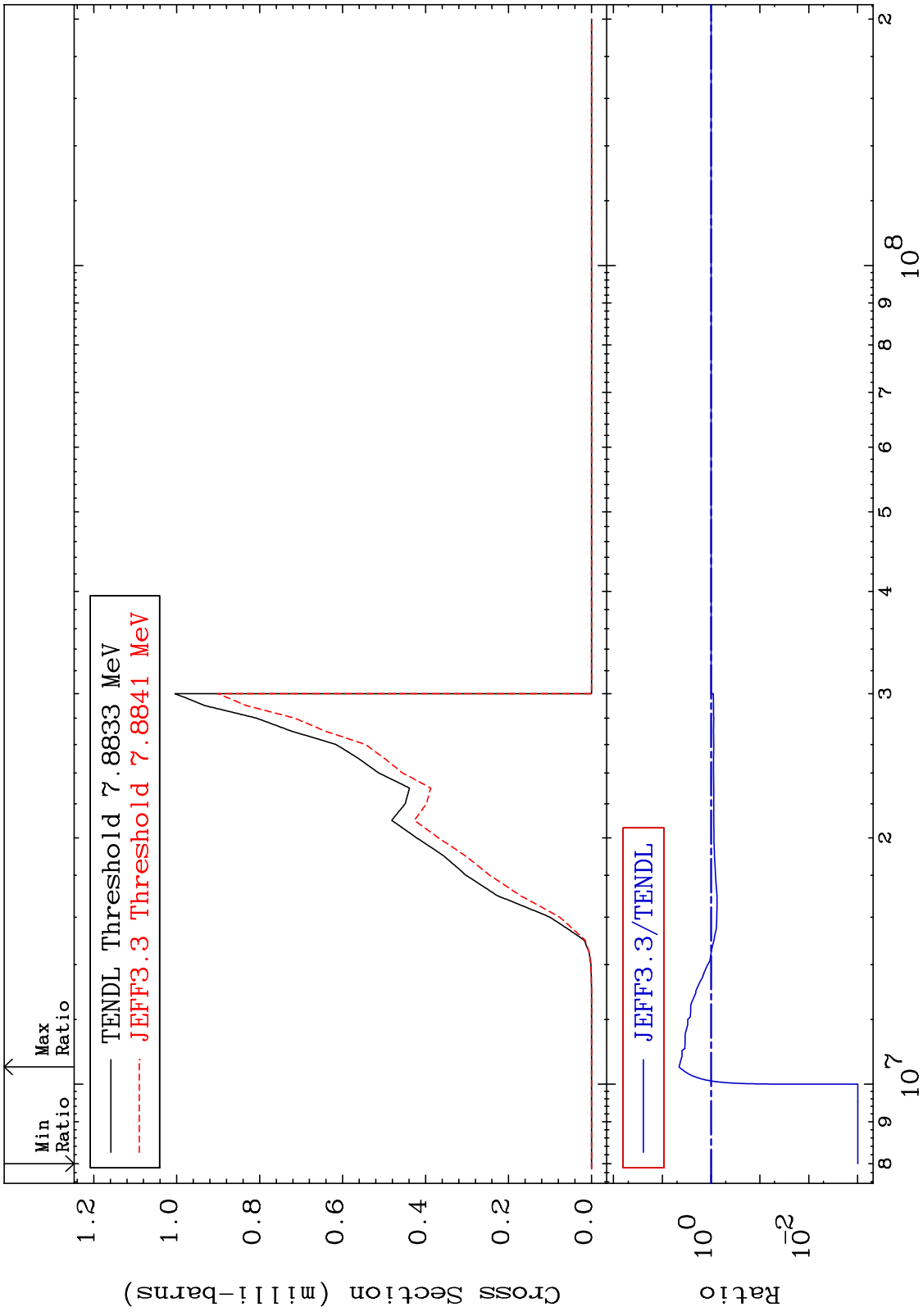
51 Incident Energy (eV) 23-V -50

MAT 2325 (n,2p) Cross Section 23-V -50 To 0.472 %



52 23-V -50

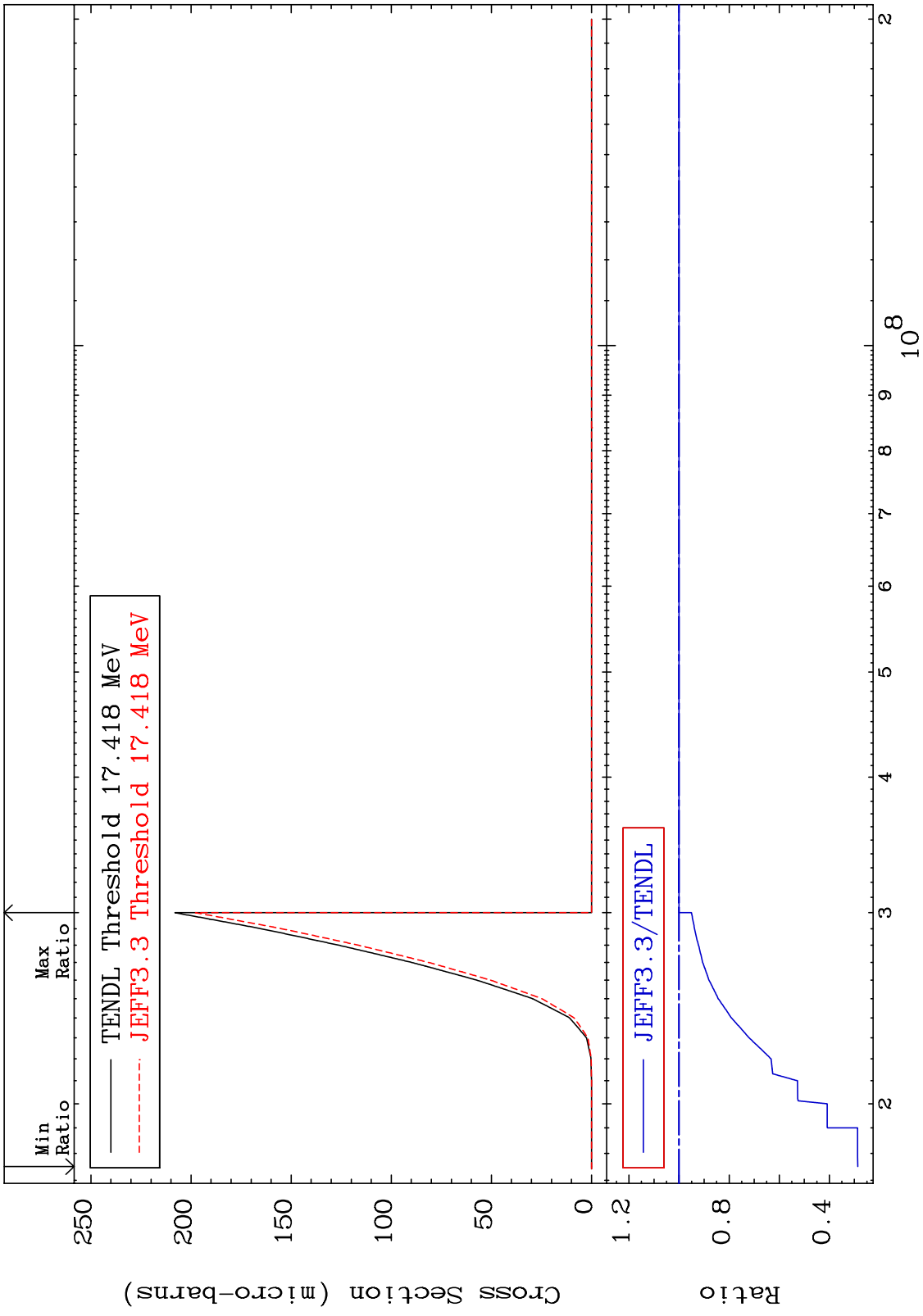
MAT 2325 (n,p) α 23-V -50
 Cross Section -99.90 To 353.4 %

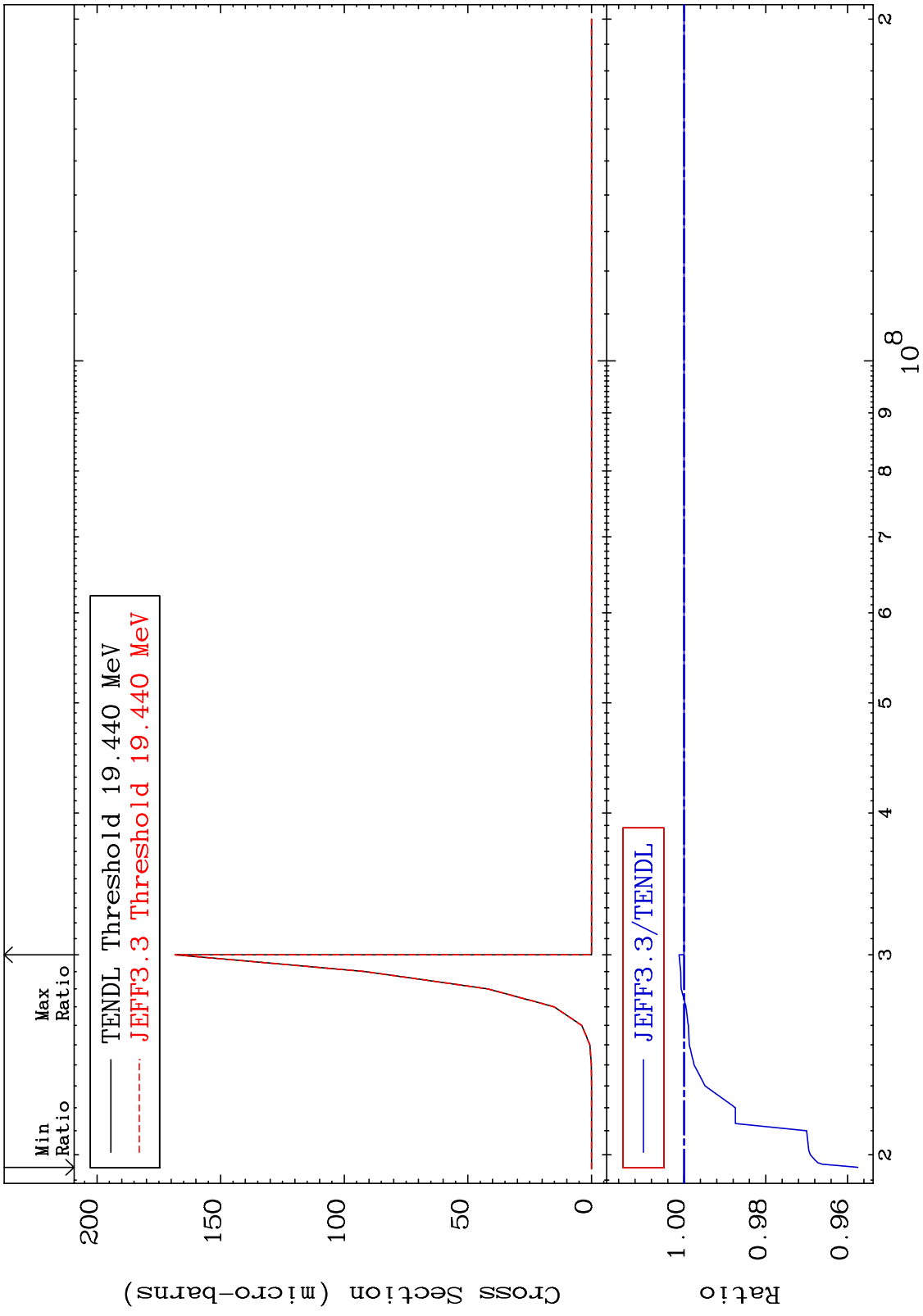


23-V -50

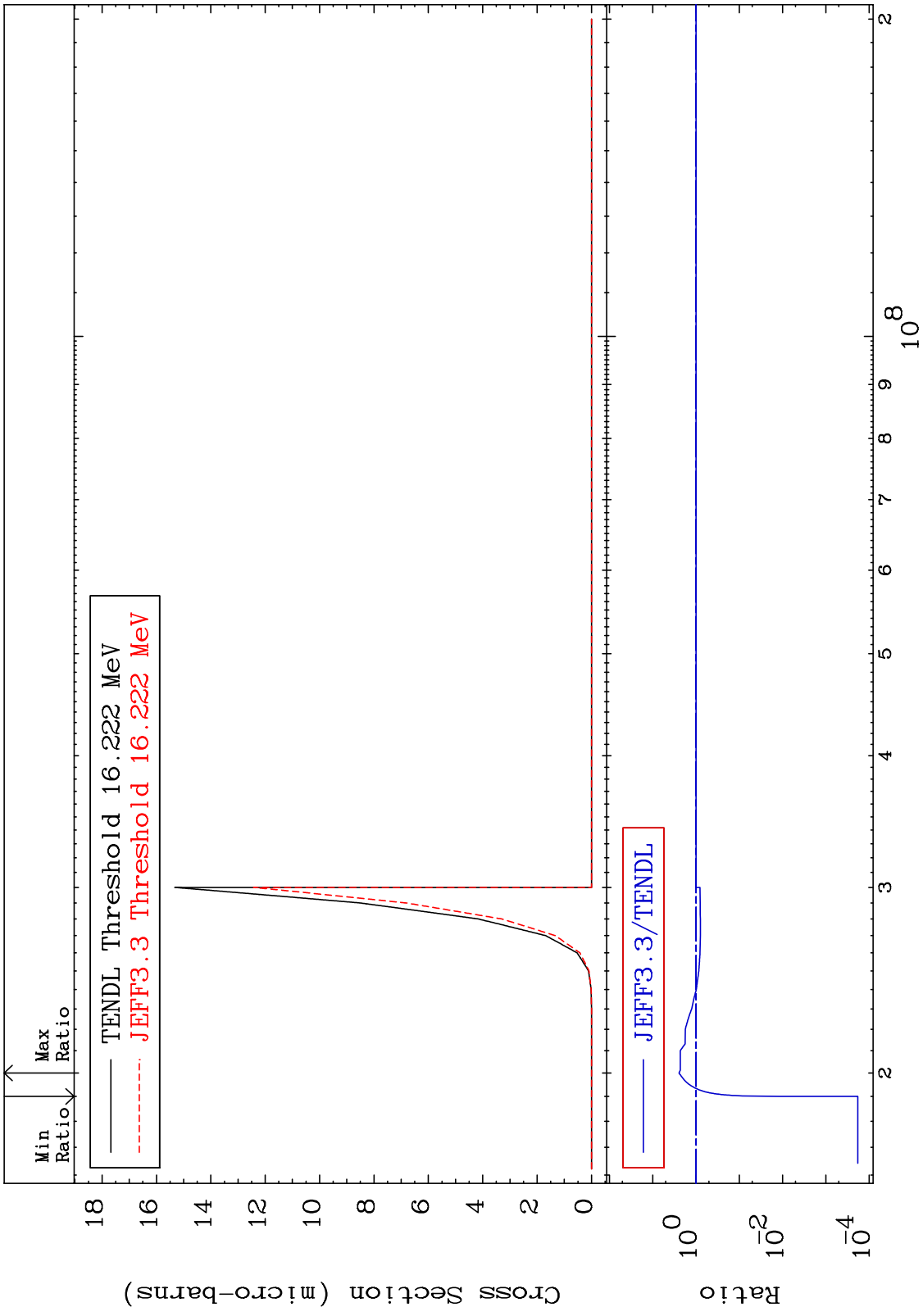
Incident Energy (eV)

MAT 2325 (n,p) d 23-V -50
 Cross Section -71.37 To 0.000 %





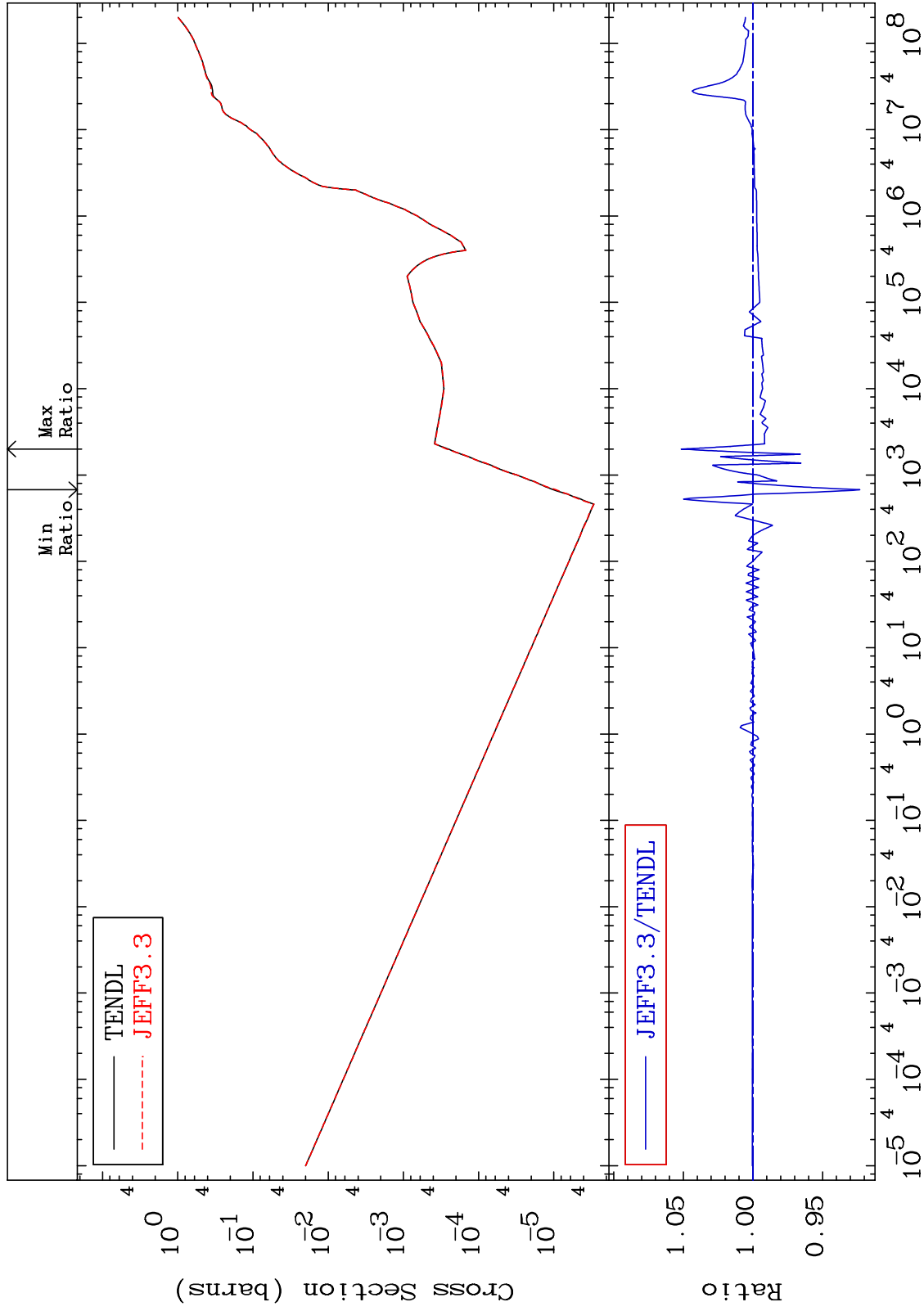
MAT 2325 (n,d) α 23-V -50
 Cross Section -99.98 To 146.2 %



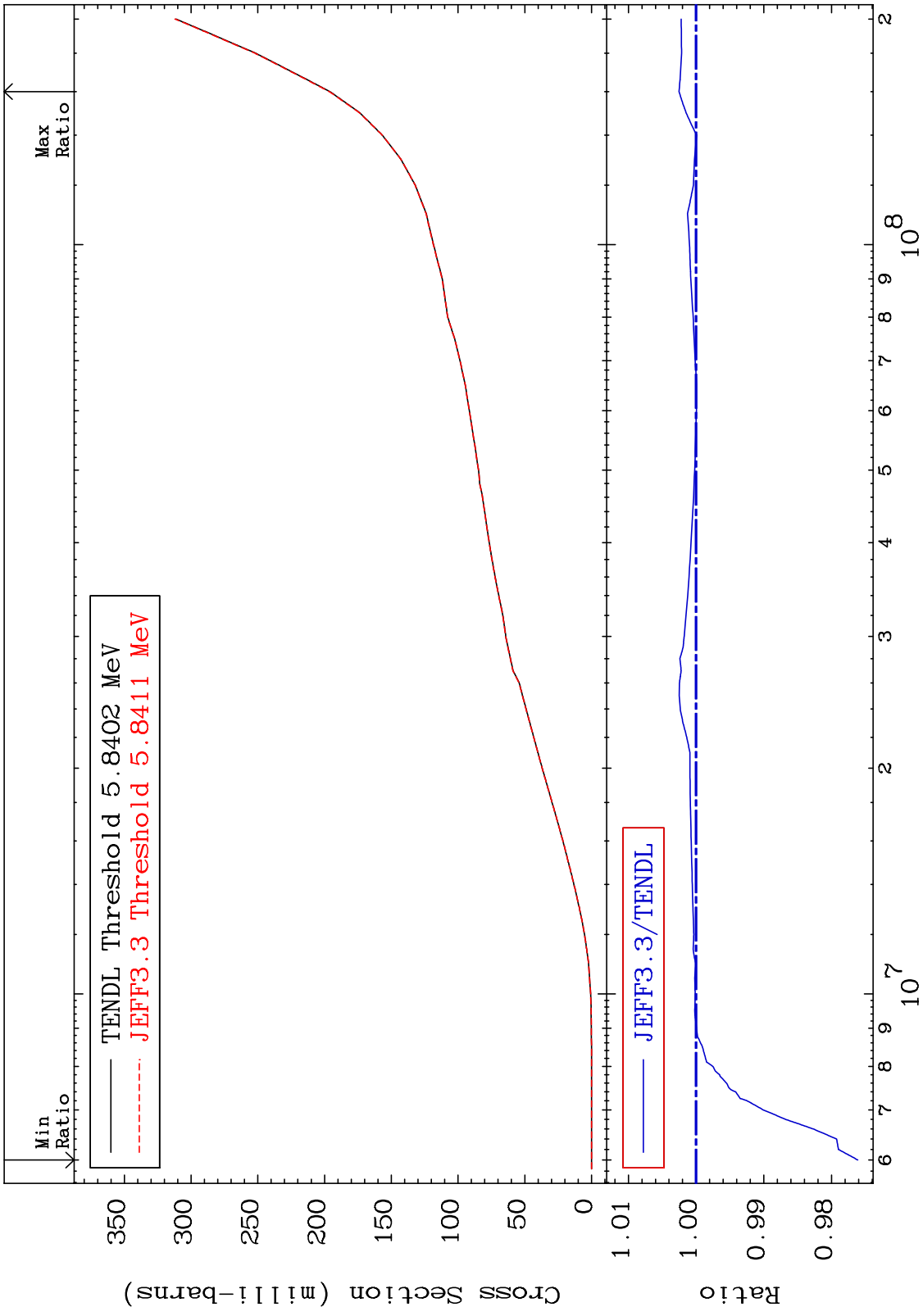
MAT 2325

Hydrogen Production
Cross Section

23-V -50
-7.676 To 5.149 %



MAT 2325 Deuterium Production Cross Section 23-V -50
 -2.389 To 0.252 %

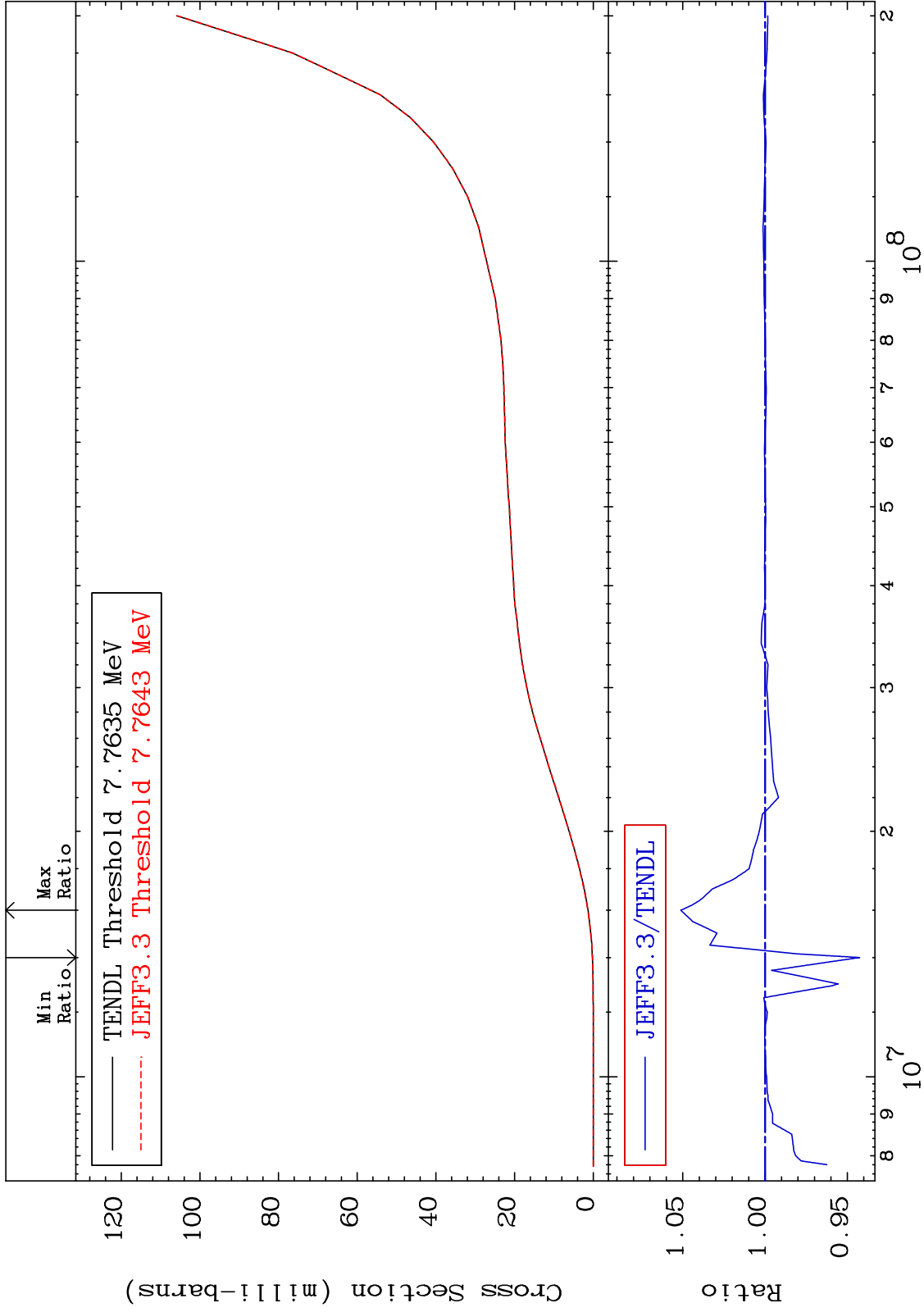


58 23-V -50

MAT 2325

Tritium Production
Cross Section

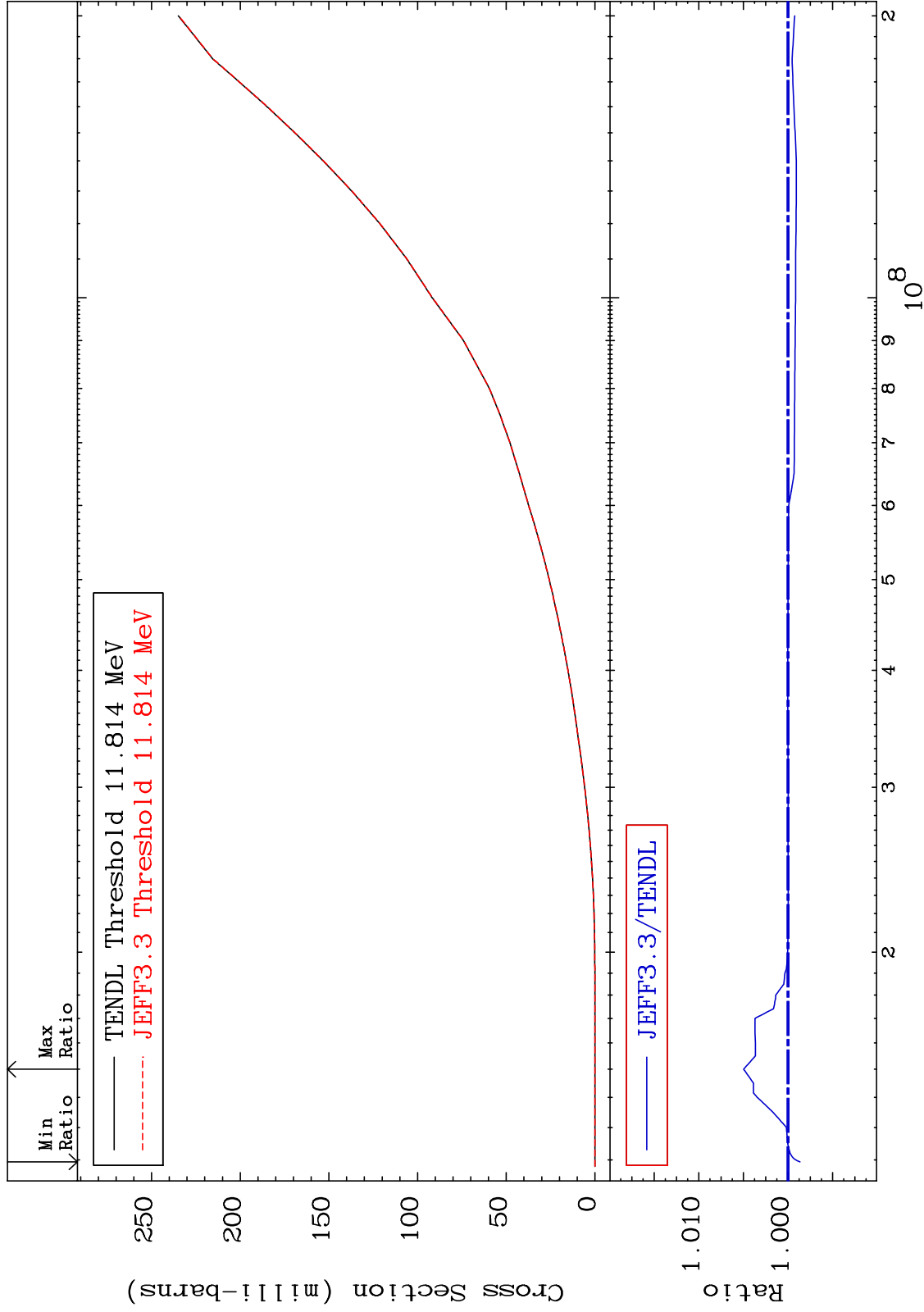
23-V -50
-5.746 To 5.122 %



MAT 2325

He-3 Production
Cross Section

23-V -50
-0.136 To 0.497 %



60

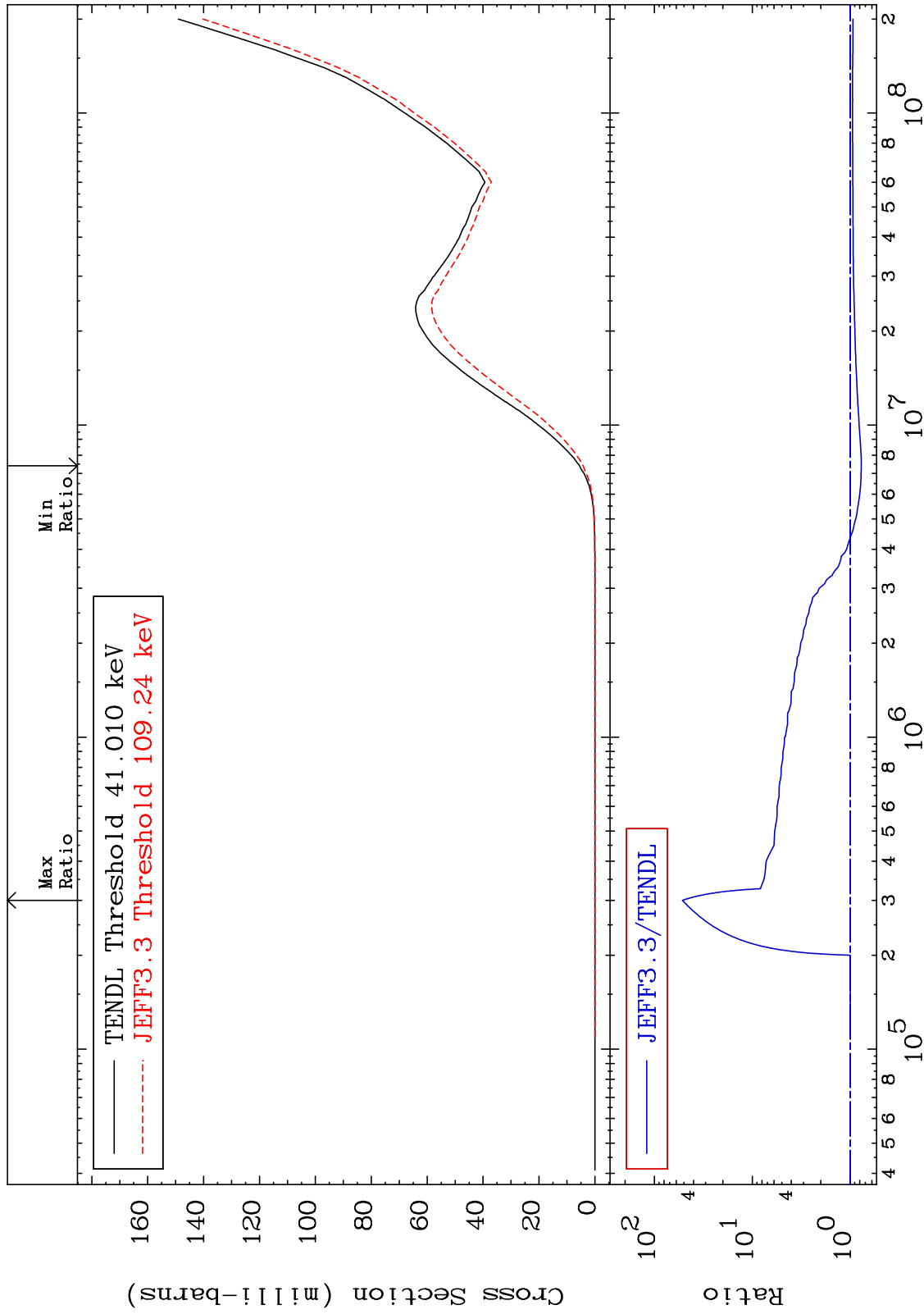
Incident Energy (eV)

23-V -50

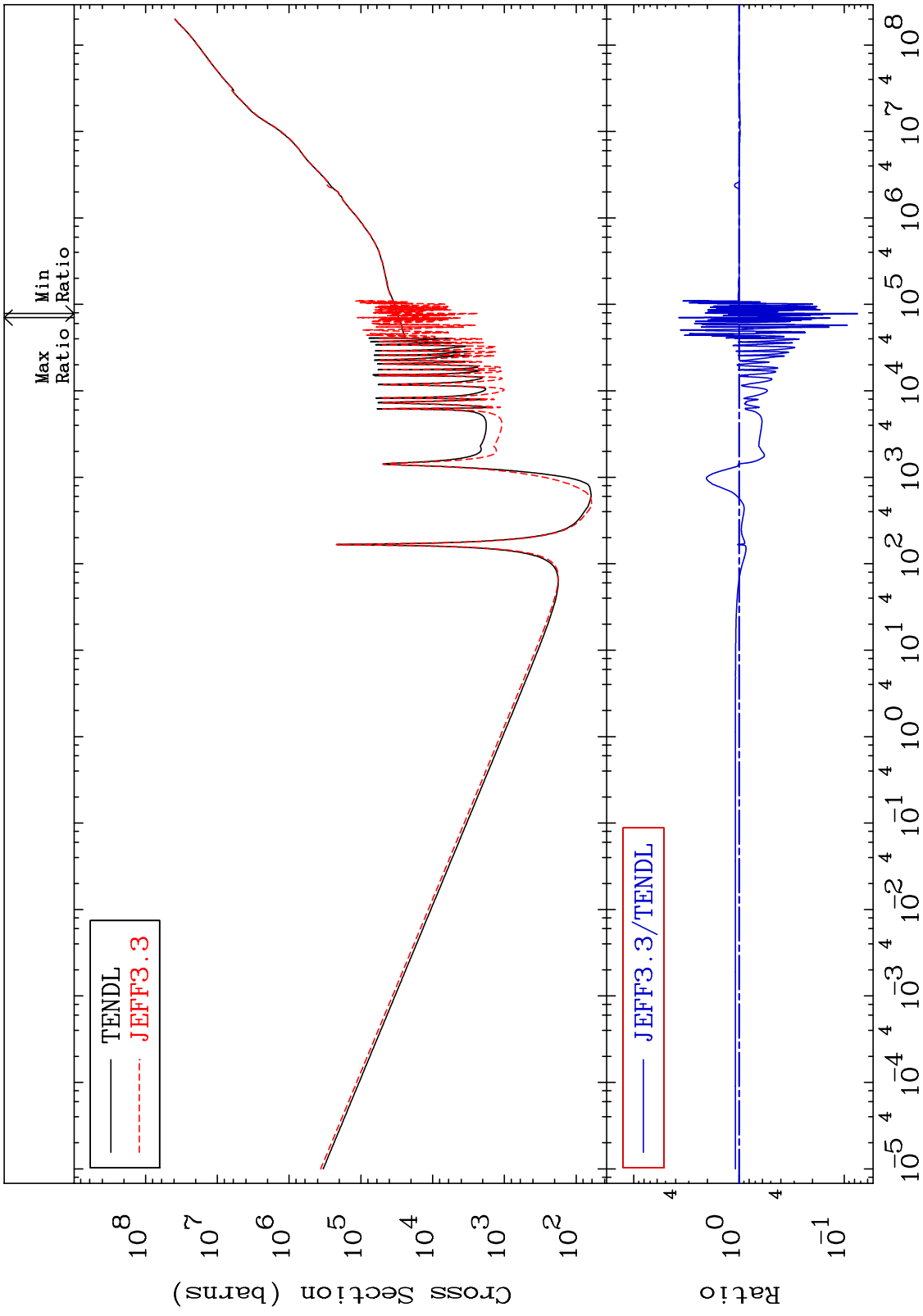
MAT 2325

He-4 Production
Cross Section

23-V -50
-22.79 To 5078. %



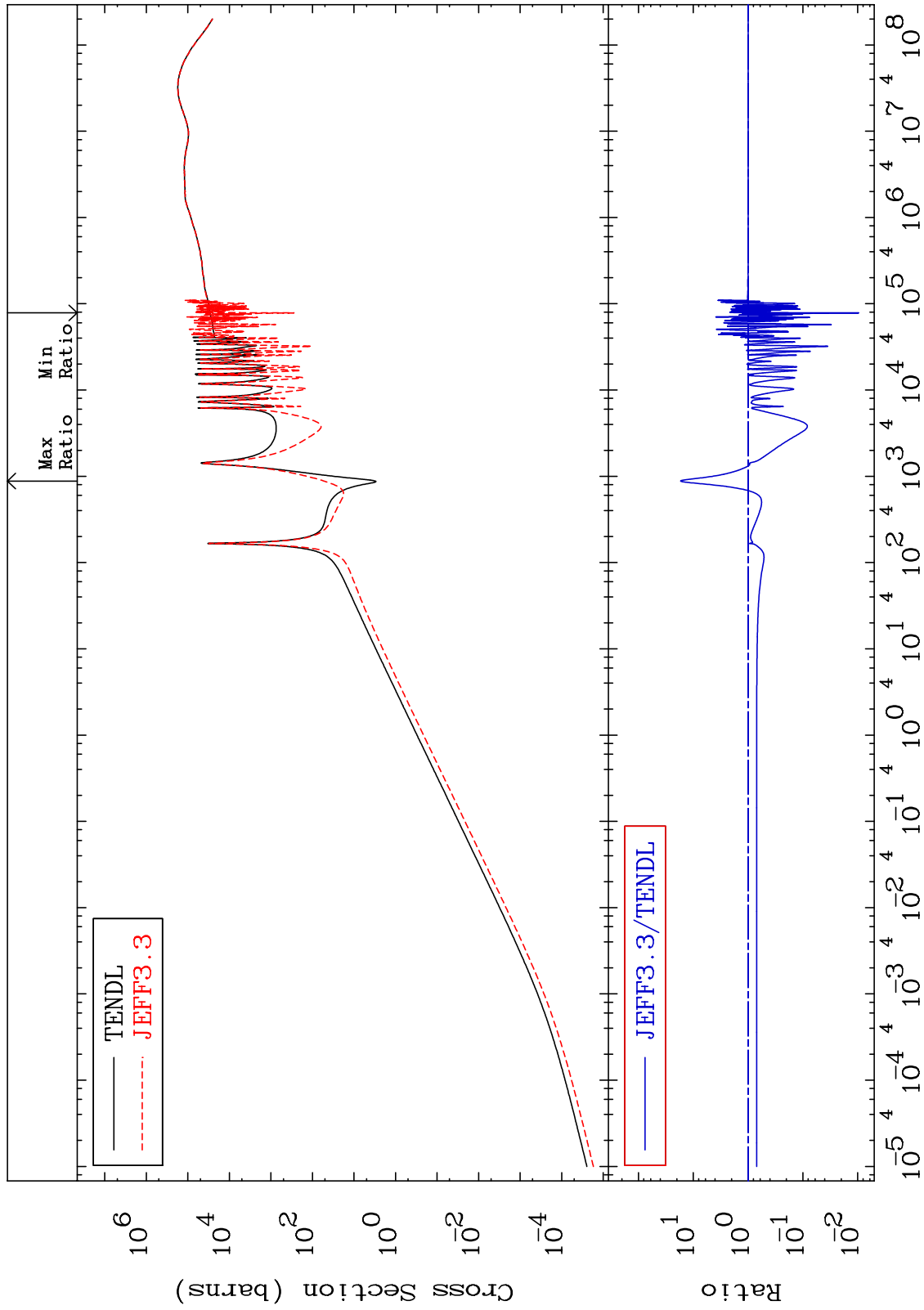
MAT 2325 Kerma total (eV-barns) 23-V -50
 Cross Section -92.57 To 271.8 %



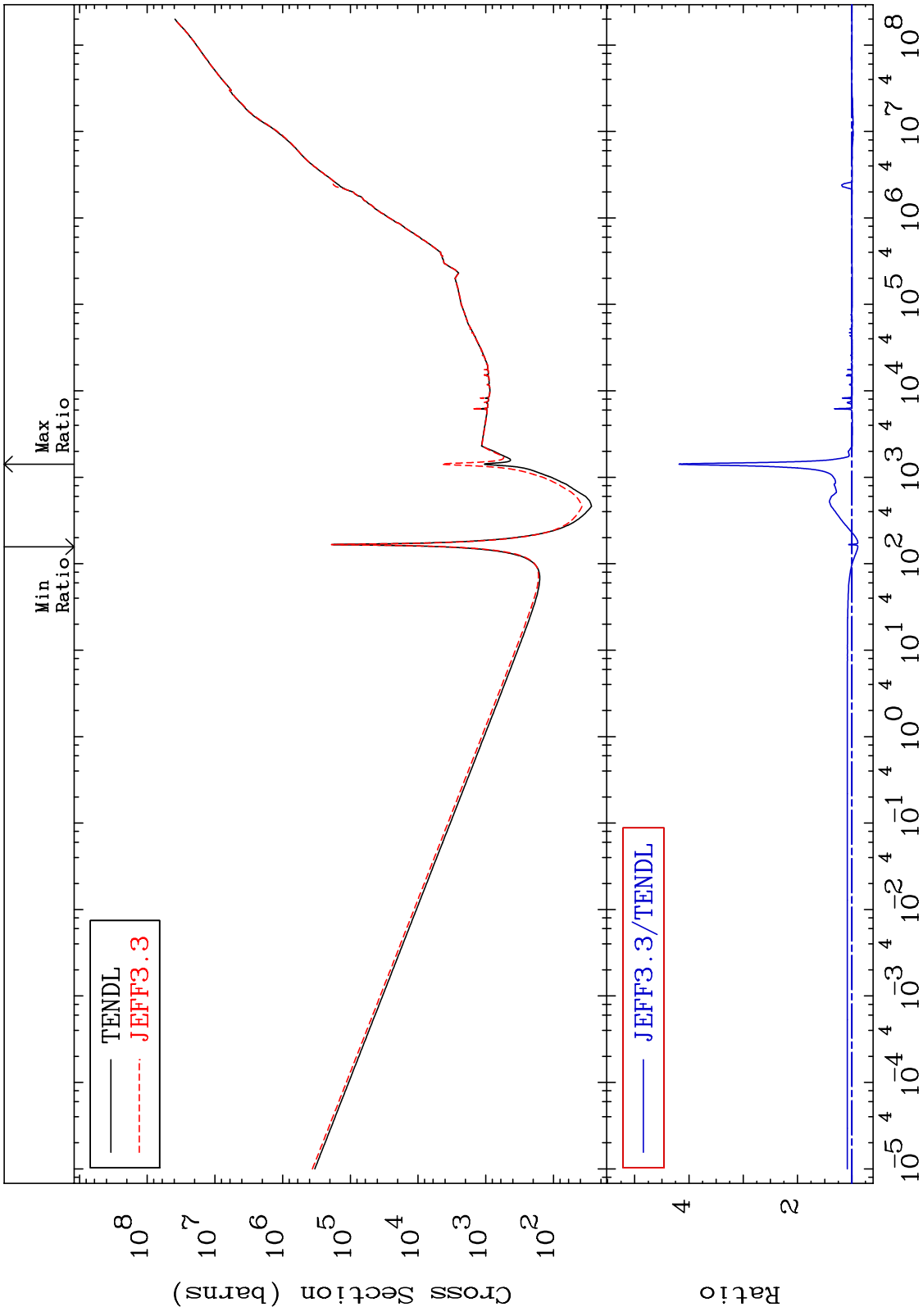
MAT 2325

Kerma elastic
Cross Section

23-V -50
-99.05 To 1599. %

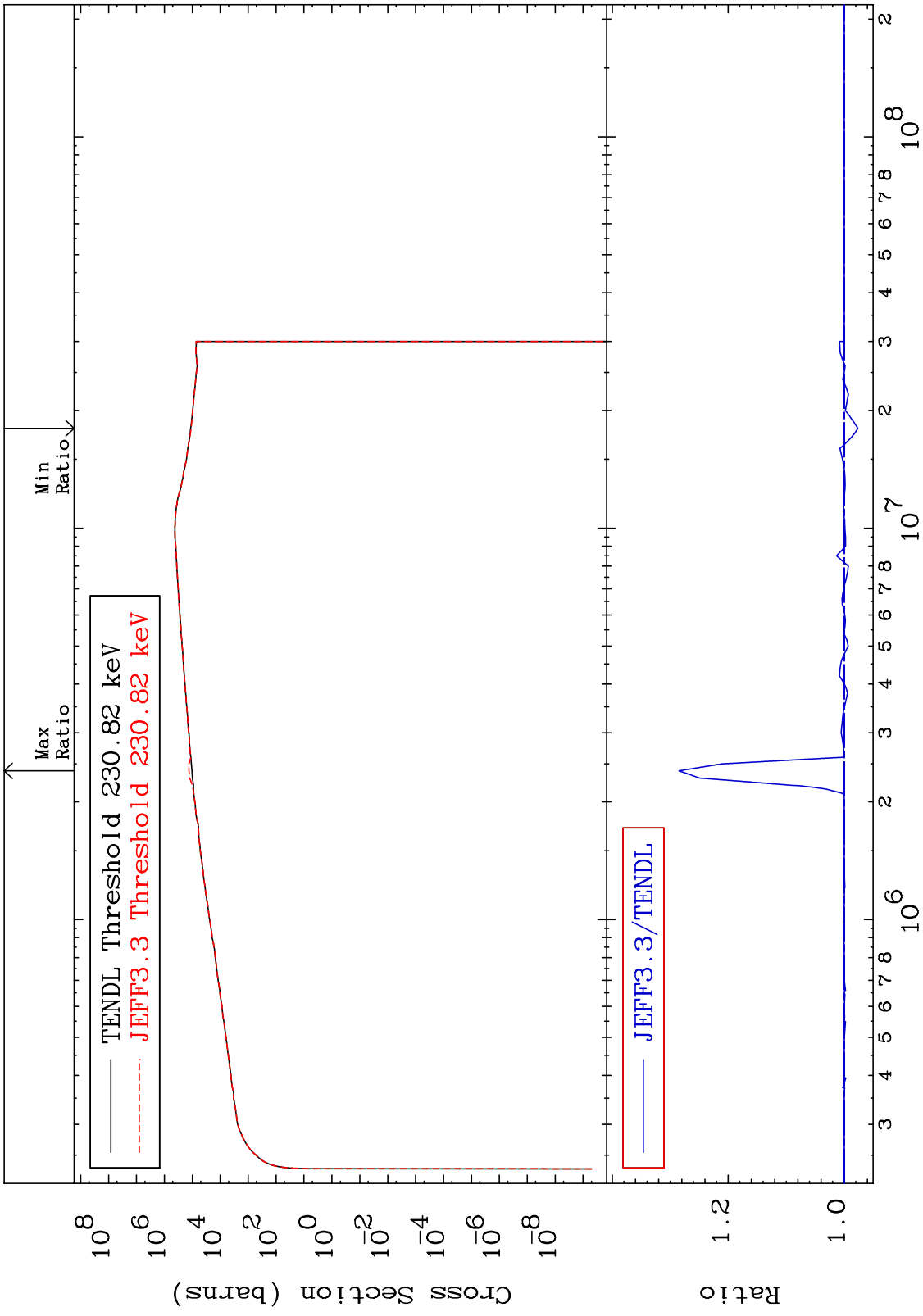


MAT 2325 Kerma non-elastic (all but mt2) 23-V -50
 -11.08 To 318.3 %
 Cross Section



64 Incident Energy (eV) 23-V -50

MAT 2325 Kerma inelastic (mt51-91) 23-V -50
 -2.341 To 28.48 %
 Cross Section

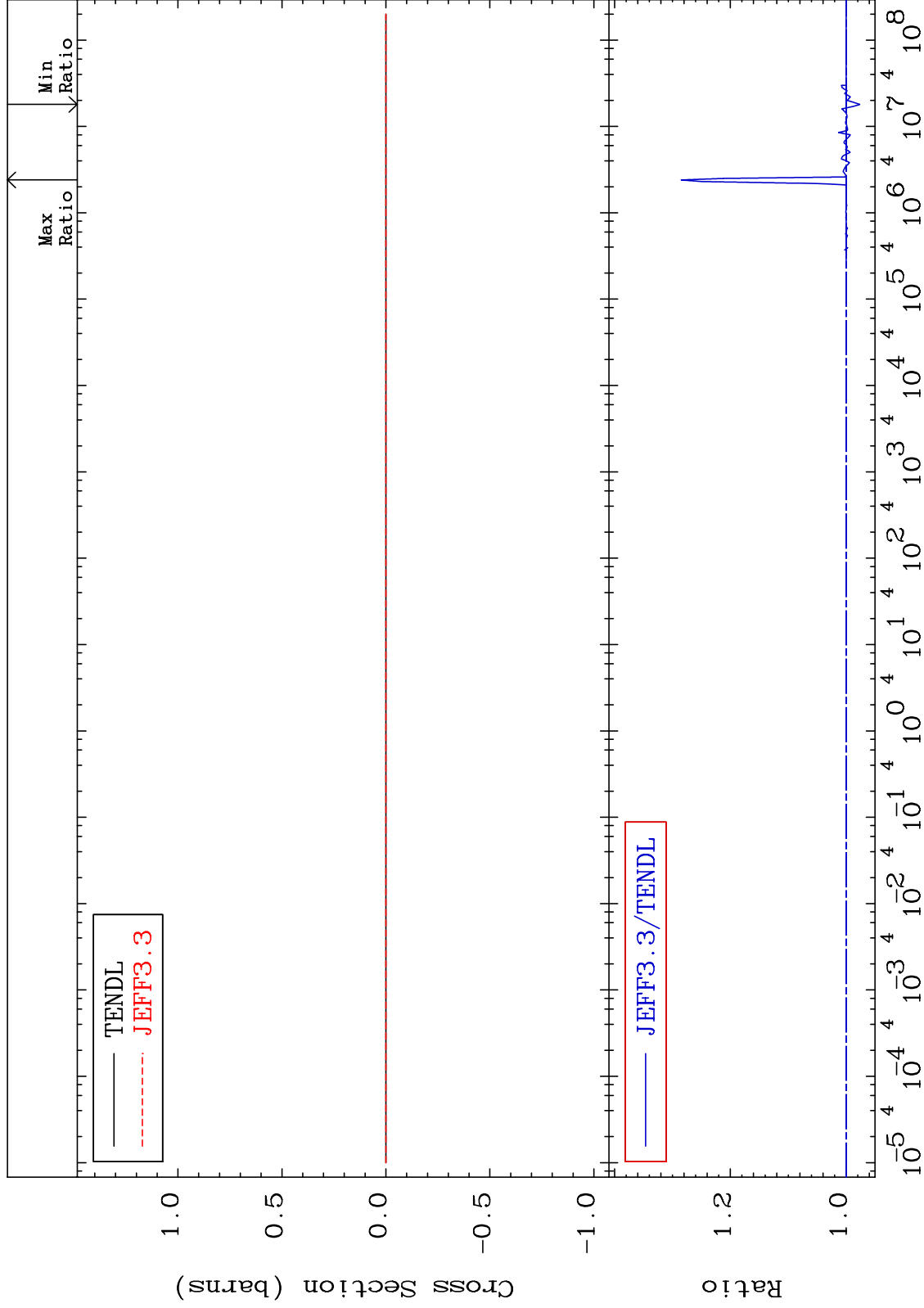


65 Incident Energy (eV) 23-V -50

MAT 2325

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

23-V -50
-2.341 To 28.48 %



66

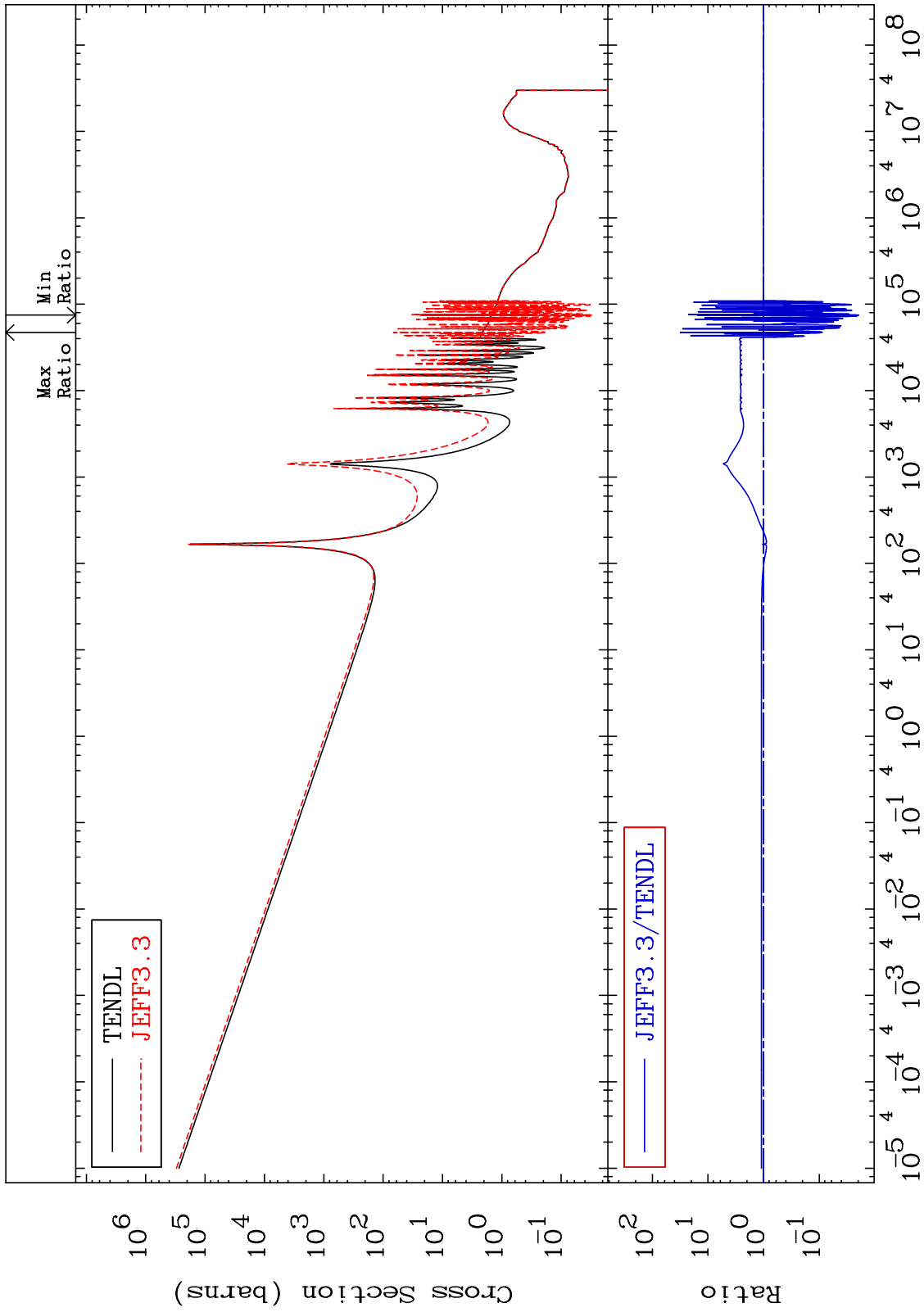
Incident Energy (eV)

23-V -50

MAT 2325

Kerma capture (mt102)
Cross Section

23-V -50
-98.06 To 3057. %



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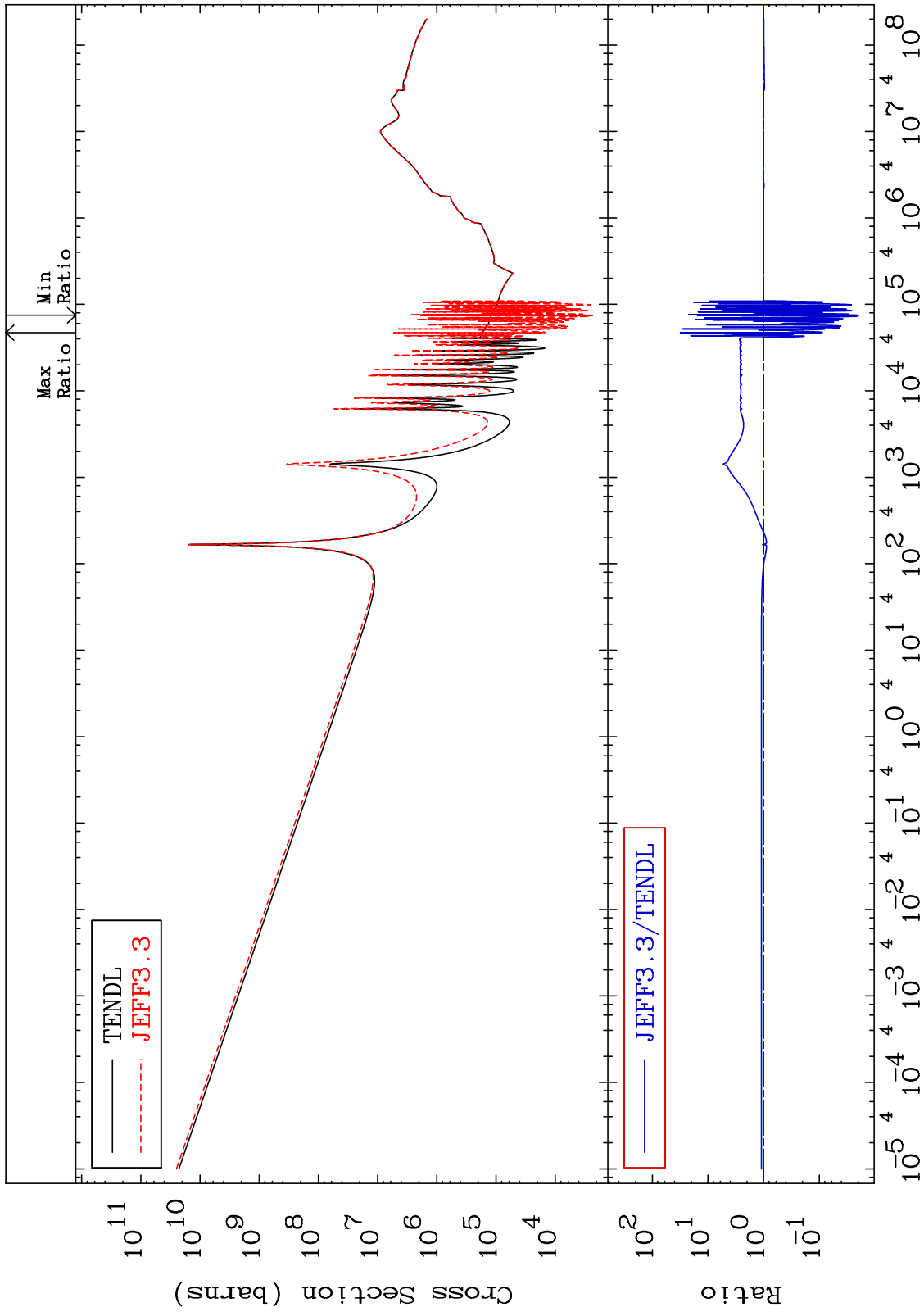
Incident Energy (eV)

23-V -50

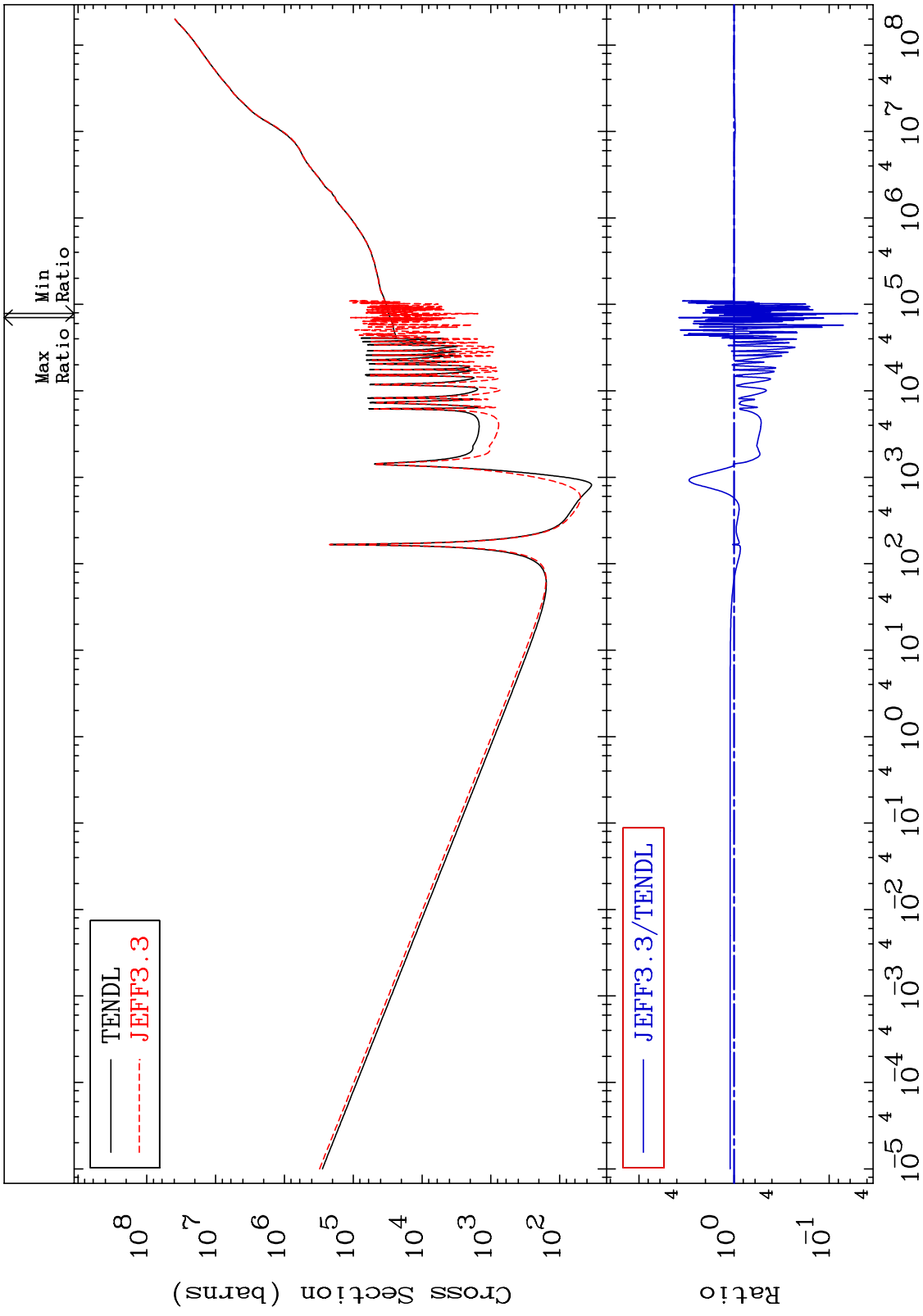
MAT 2325

Total photon (eV-barns)
Cross Section

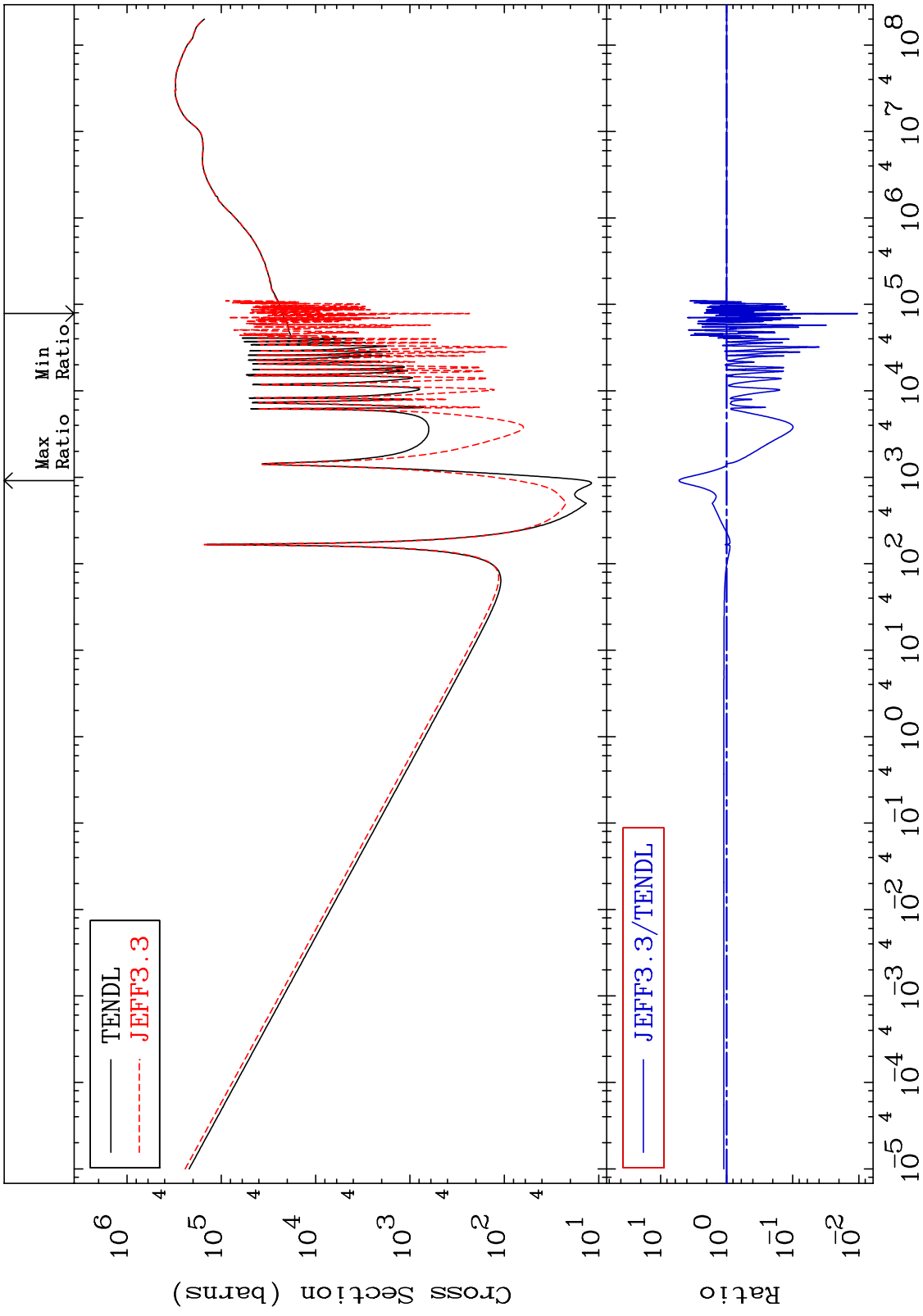
23-V -50
-98.06 To 3057. %



MAT 2325 Total kinematic kerma (high limit) 23-V -50
 Cross Section -95.02 To 278.4 %

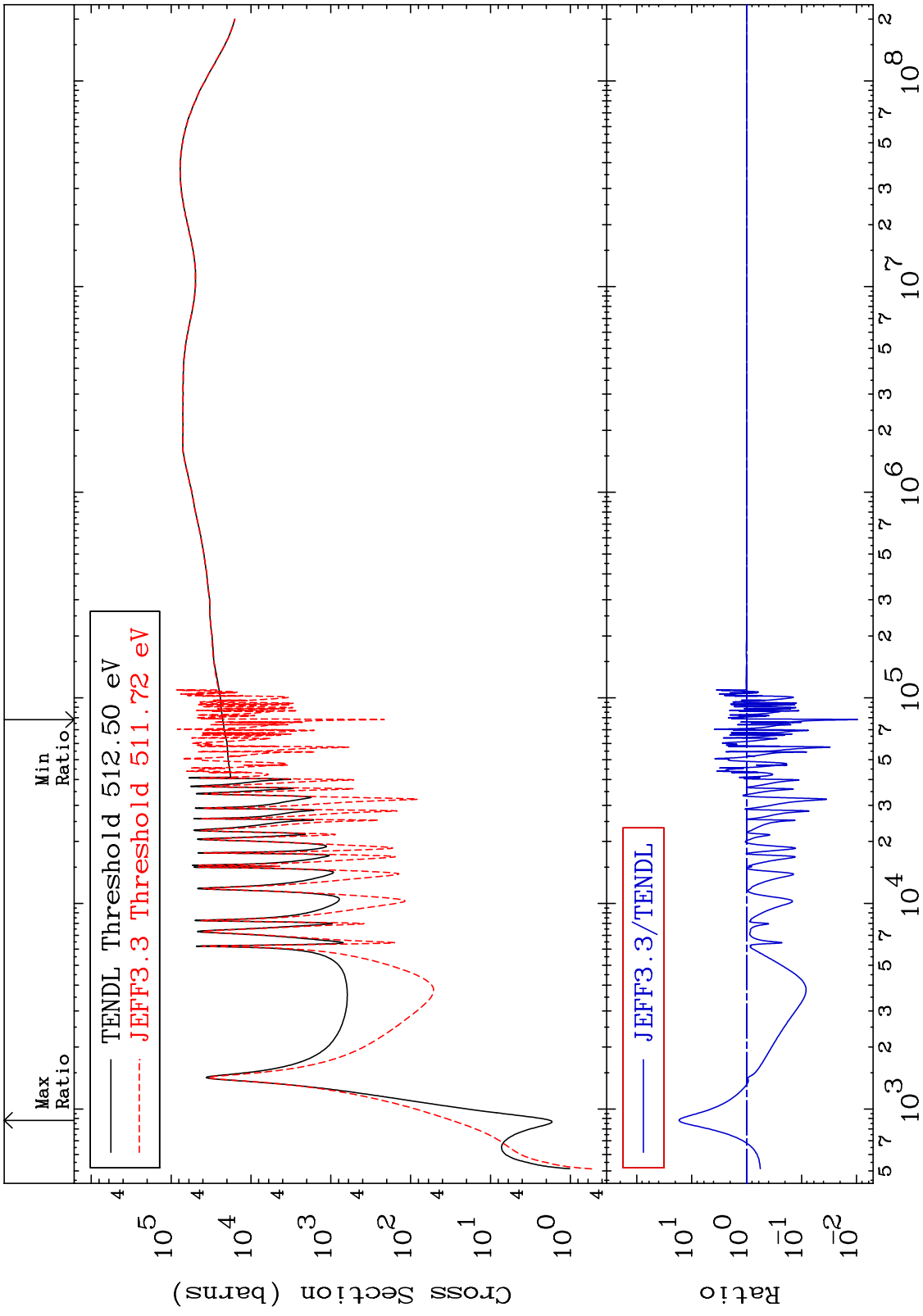


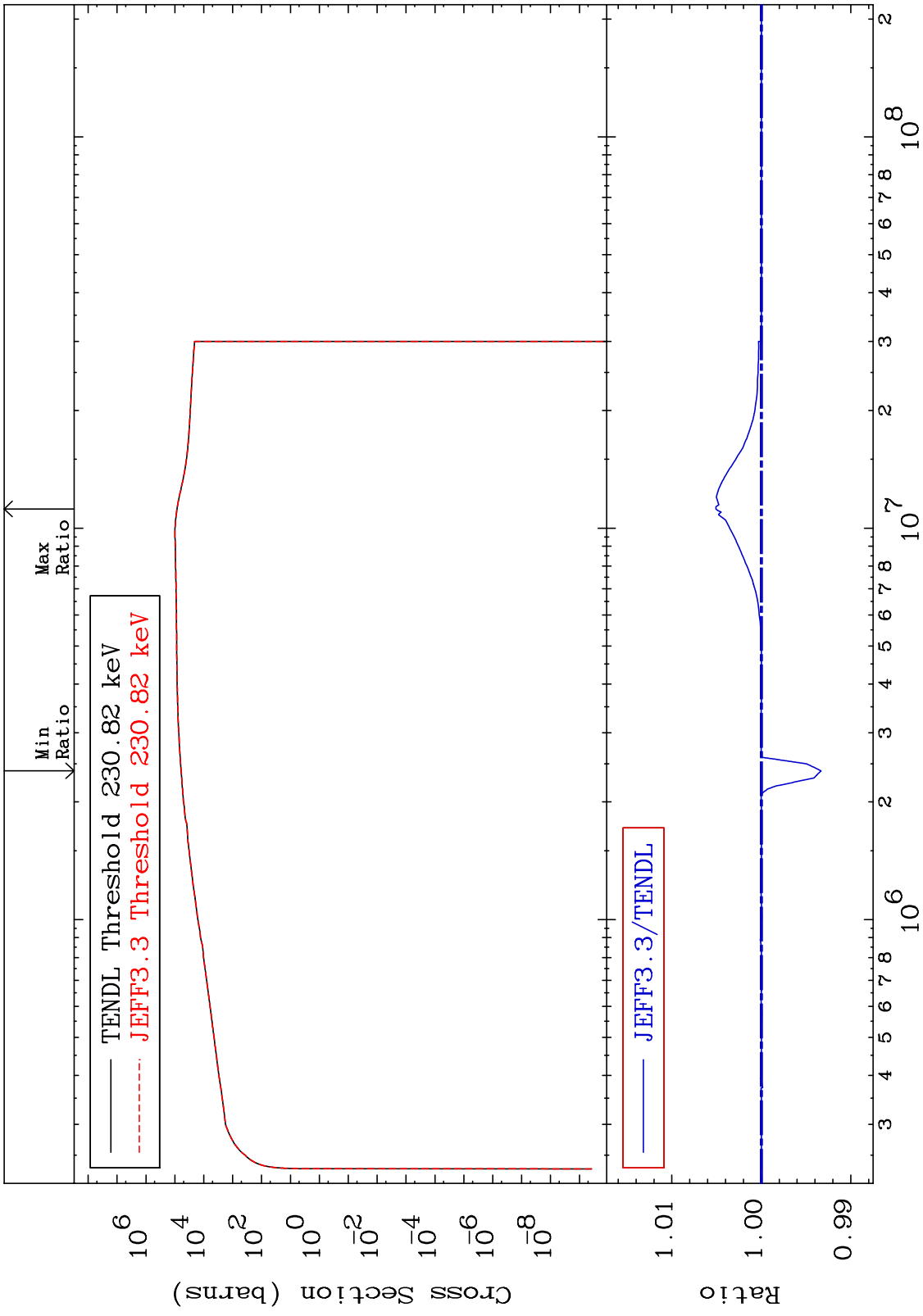
MAT 2325 Dpa total (eV-barns) 23-V -50
 Cross Section -98.97 To 425.3 %



70 Incident Energy (eV) 23-V -50

MAT 2325 Dpa elastic (mt2) 23-V -50
 Cross Section -99.05 To 1600. %

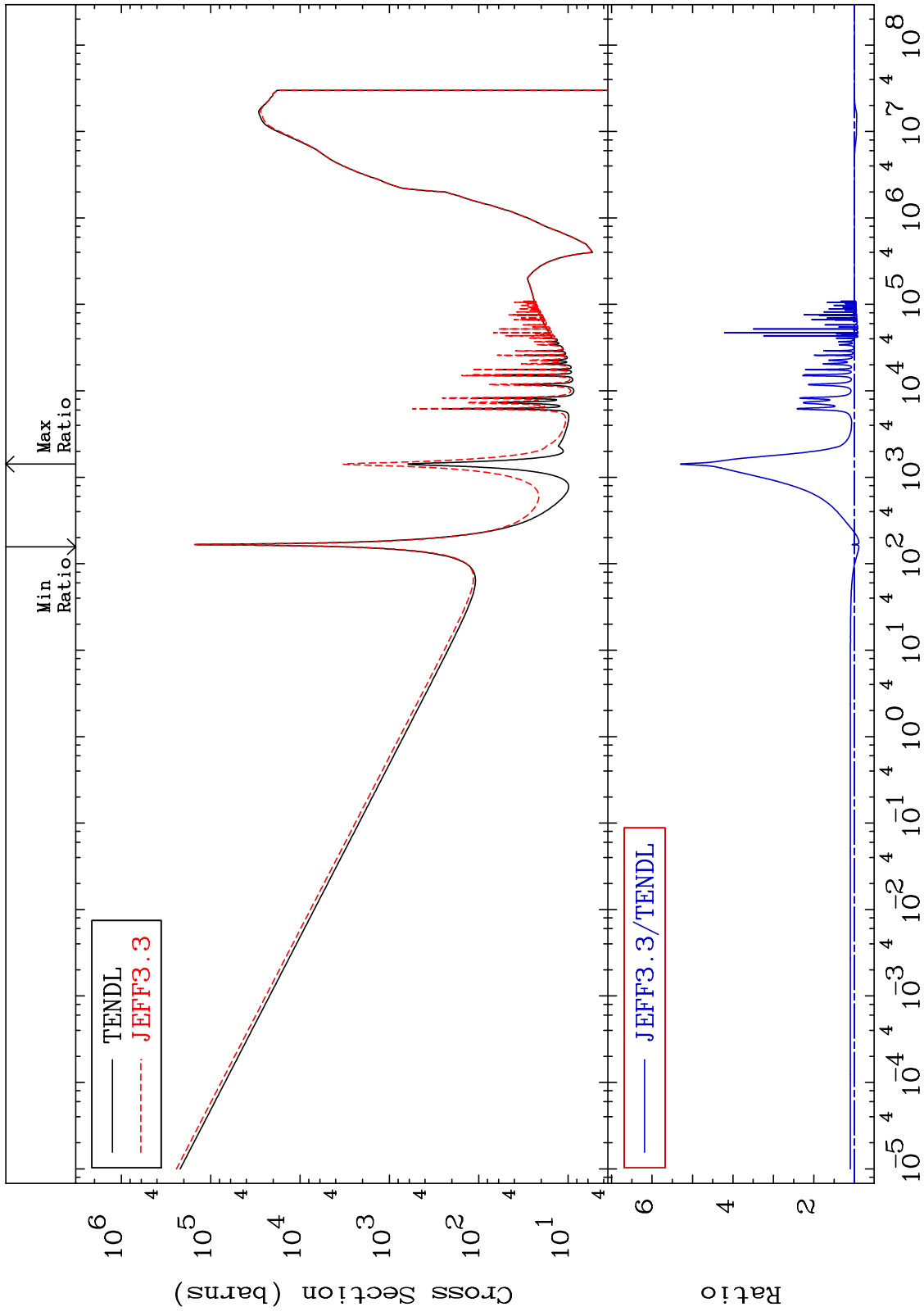




MAT 2325

Dpa disappearance (mt102 -120)
Cross Section

23-V -50
-11.11 To 430.3 %

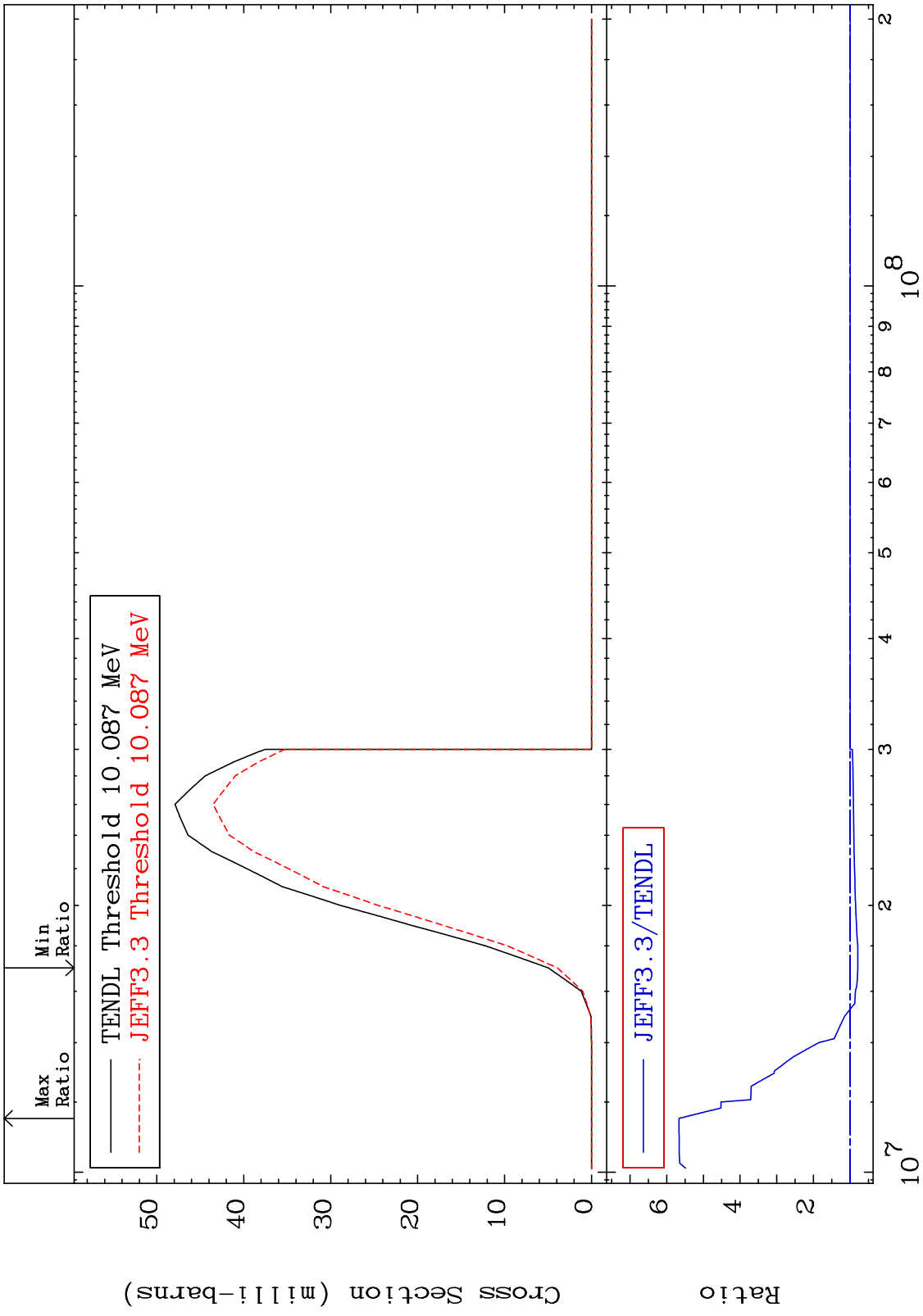


73

Incident Energy (eV)

23-V -50

MAT 2325 (n,n') α :21-Sc-46g 23-V -50
 Radionuclide Production Cross Section -21.04 To 466.3 %

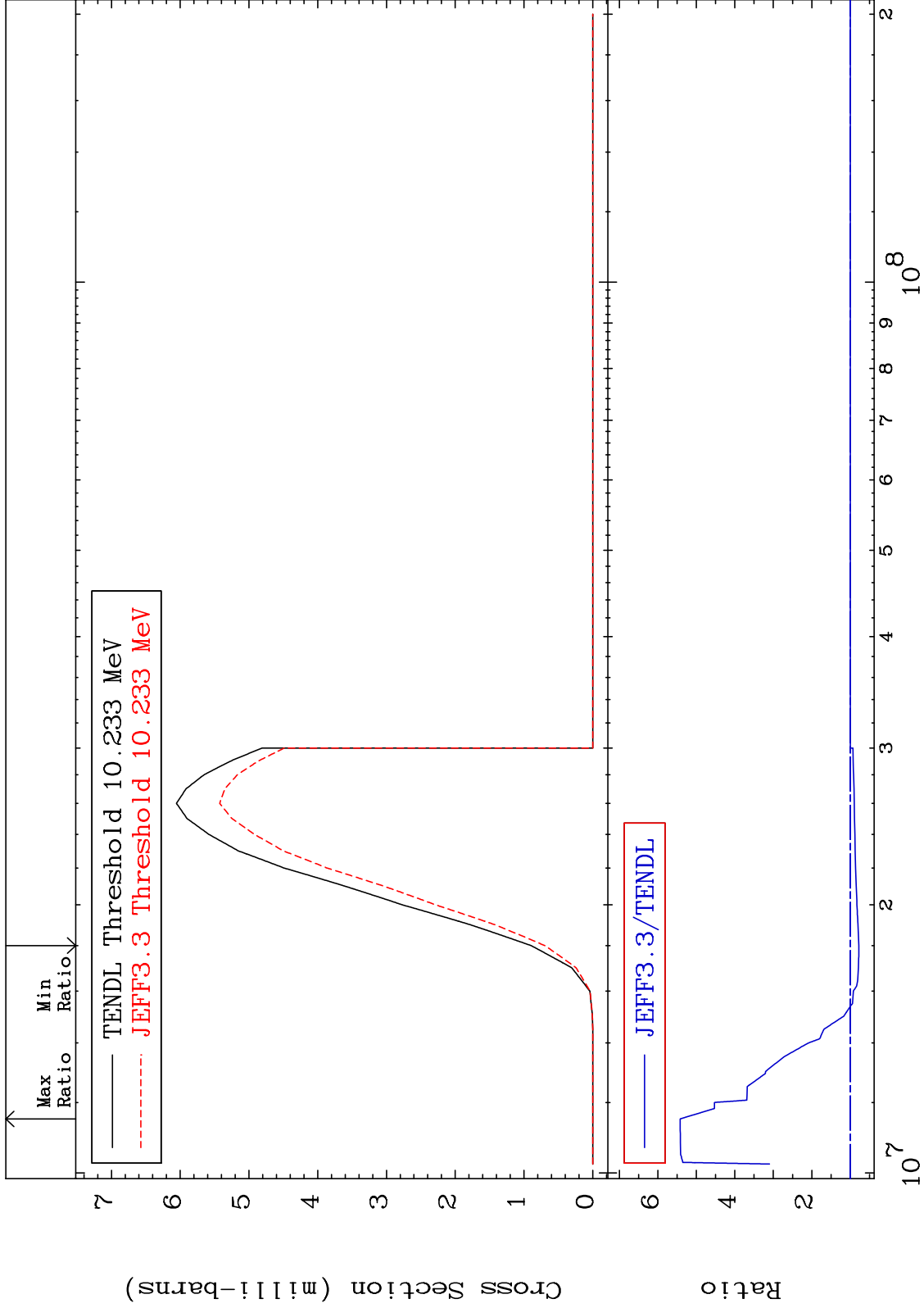


MAT 2325

(n, n') α :21-Sc-46m2

23-V -50

Radionuclide Production Cross Section -22.42 To 442.0 %



75

Incident Energy (eV)

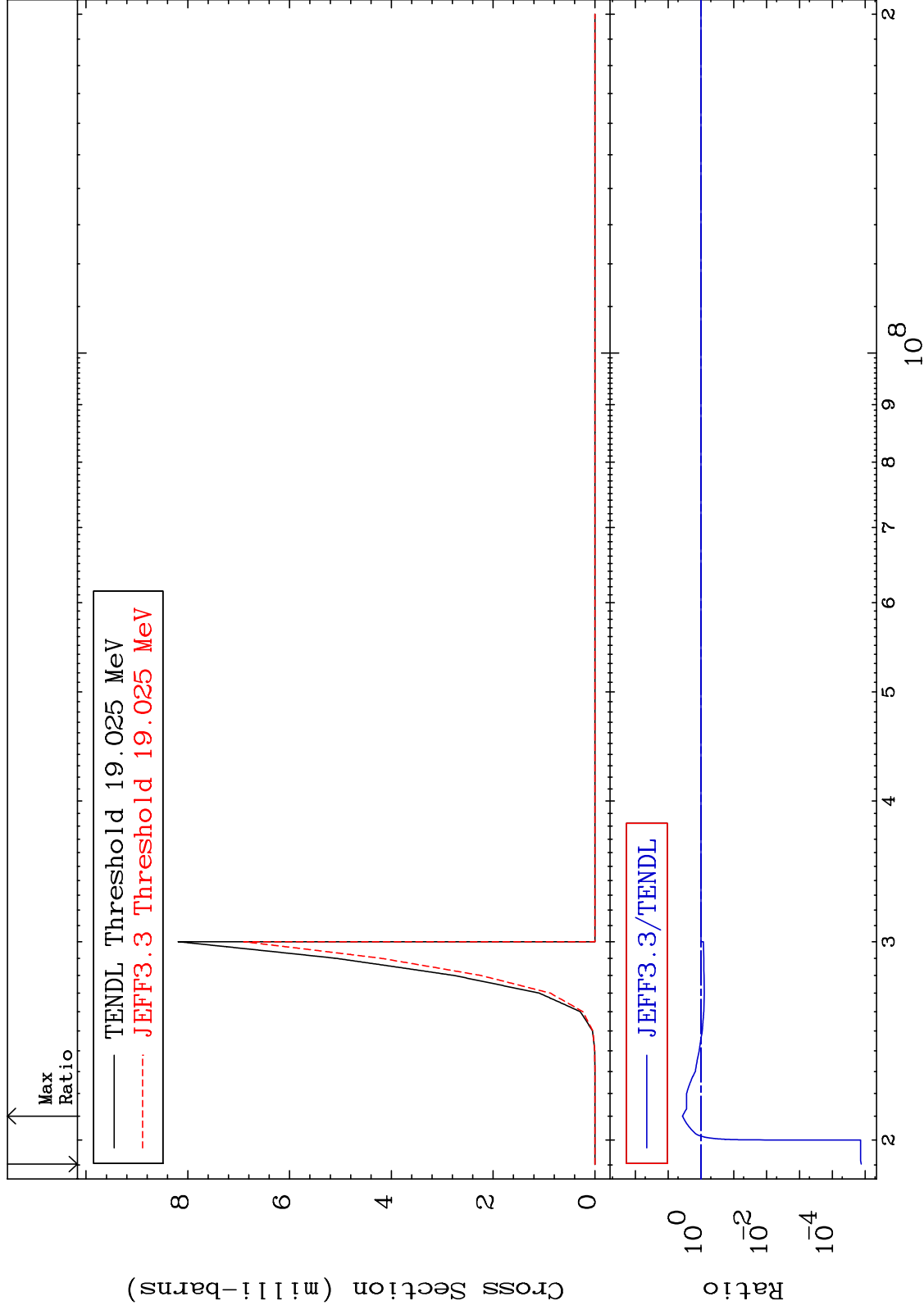
23-V -50

MAT 2325

(n,2n) α :21-Sc-45g

23-V -50

Radionuclide Production Cross Section -100.0 To 267.4 %



76

Incident Energy (eV)

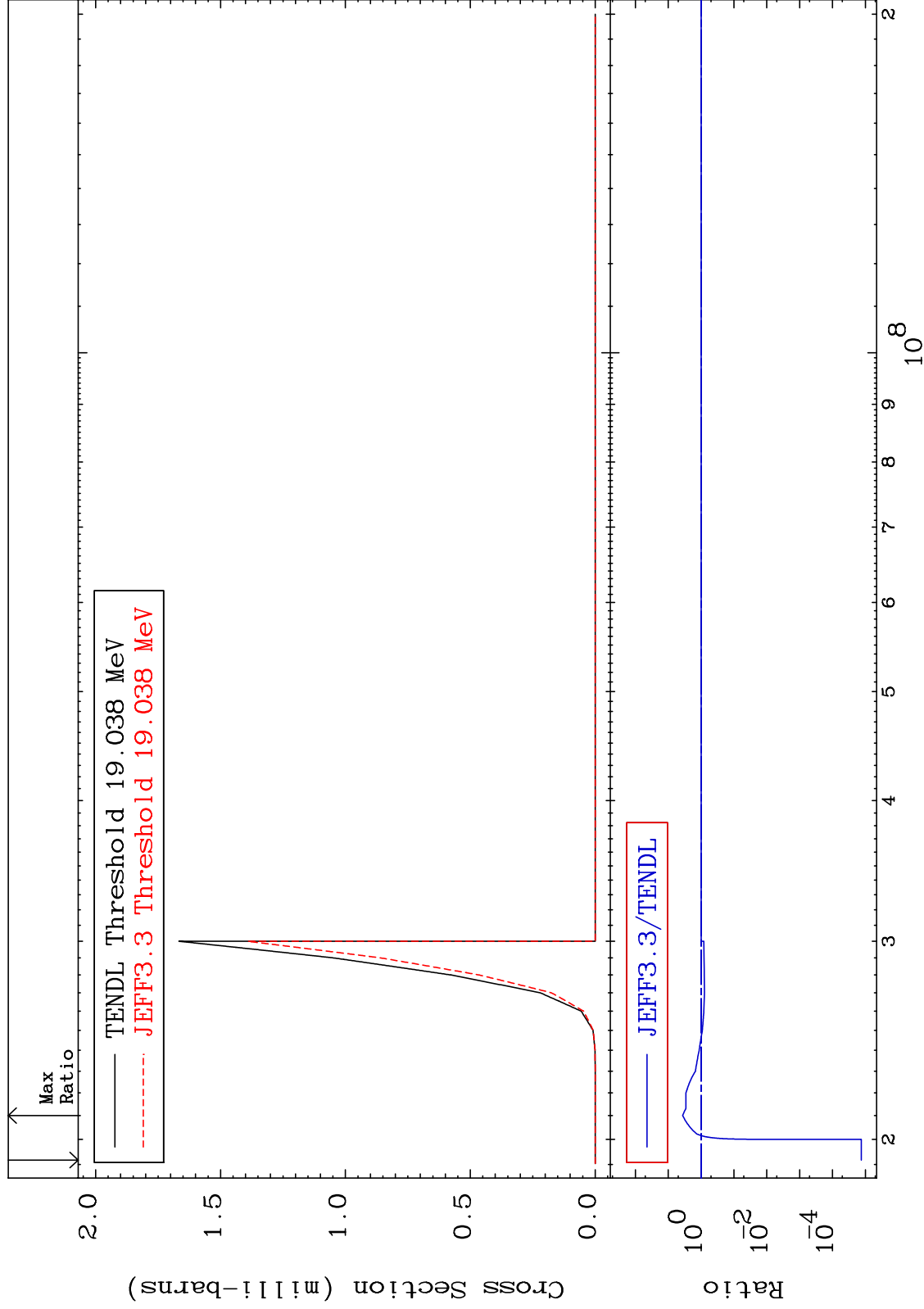
23-V -50

MAT 2325

(n,2n) α :21-Sc-45m1

23-V -50

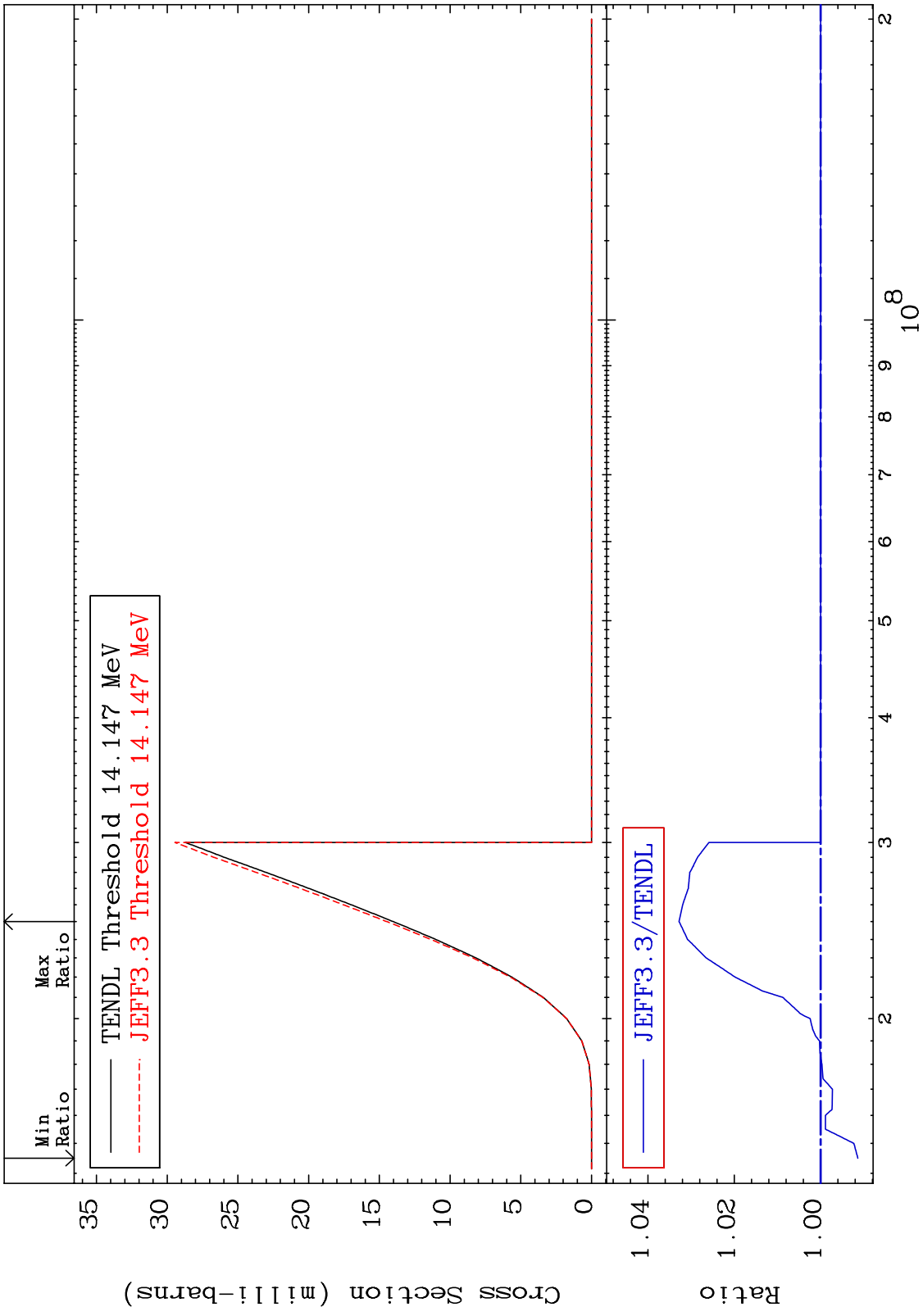
Radionuclide Production Cross Section -100.0 To 264.7 %



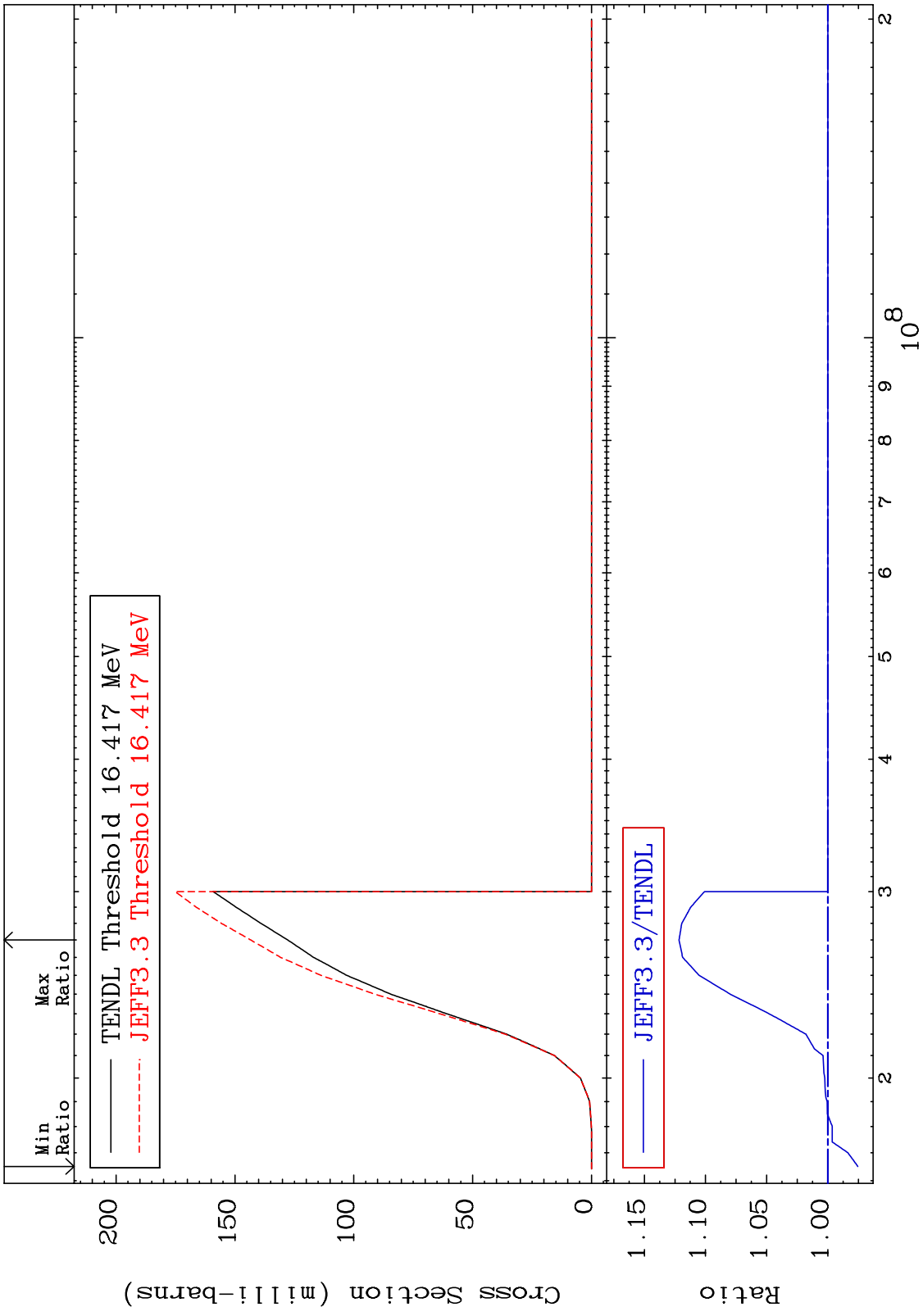
77

Incident Energy (eV)

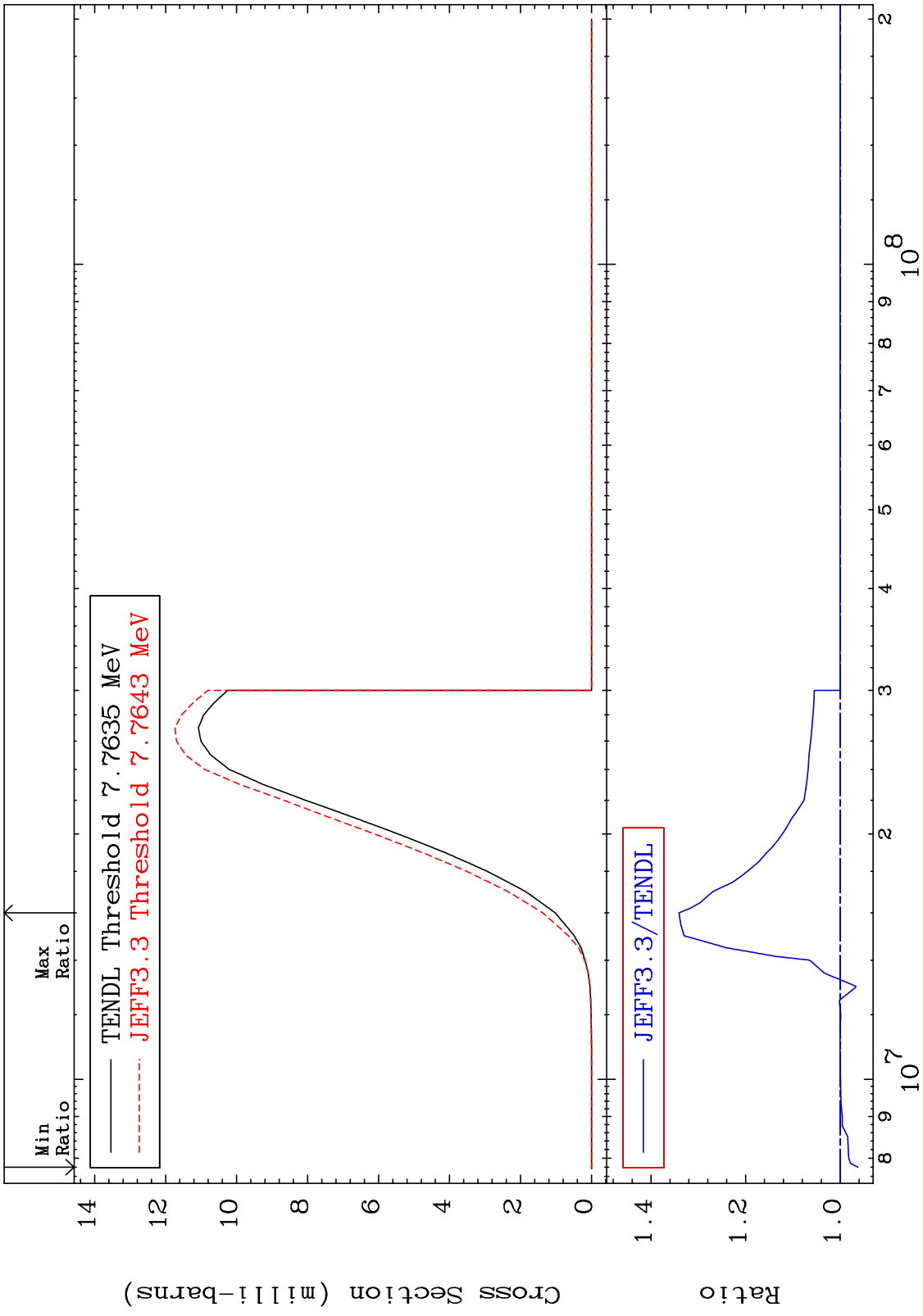
23-V -50



MAT 2325 (n,2n) p:22-Ti-48g 23-V -50
 Radionuclide Production Cross Section -2.452 To 12.16 %



MAT 2325 (n,t):22-Ti-48g 23-V -50
 Radionuclide Production Cross Section -3.754 To 34.08 %



80 23-V -50