

Program Complot
(Version 2021-1)

by

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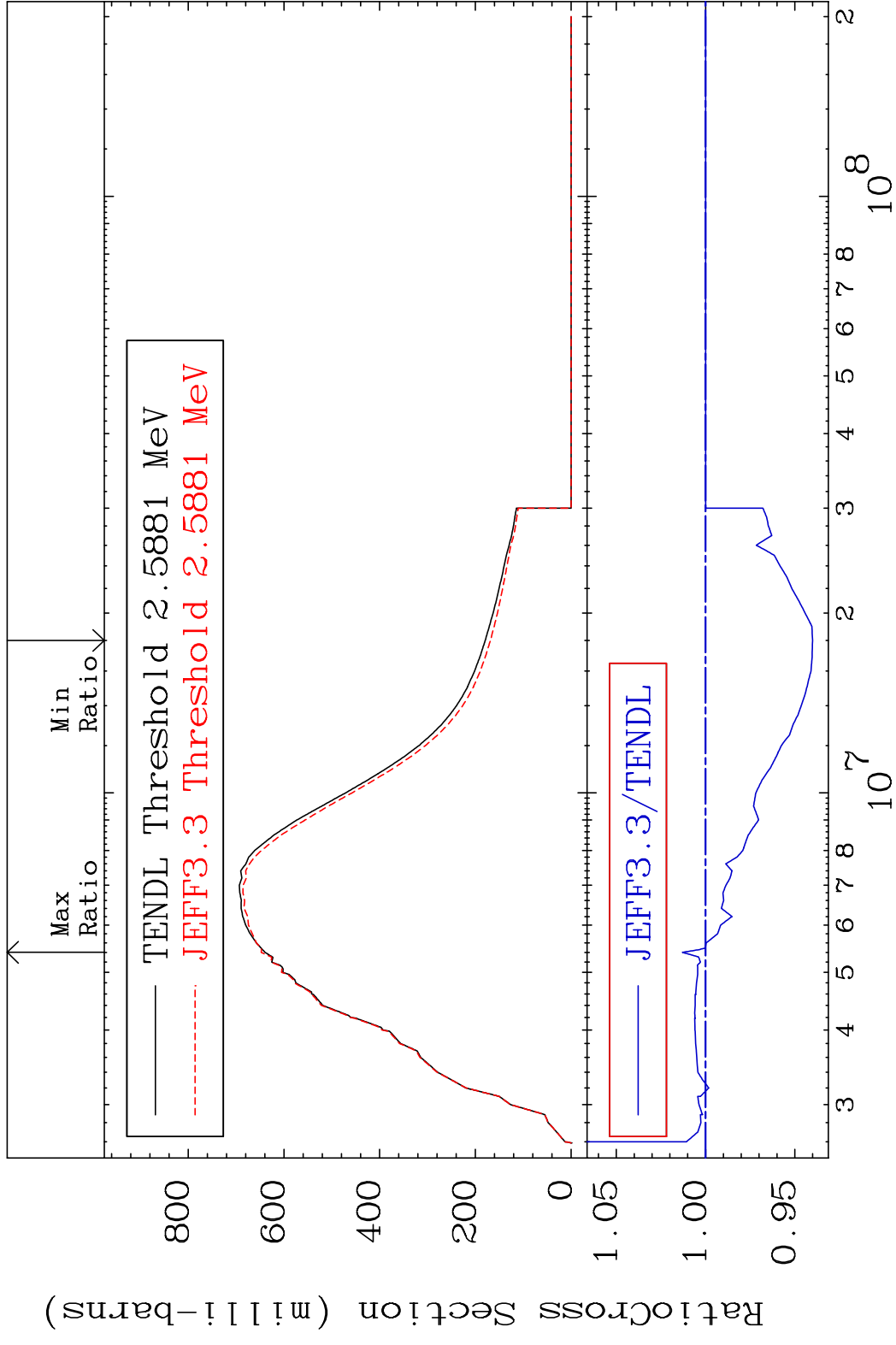
U.S.A.

Tele: 925-443-1911

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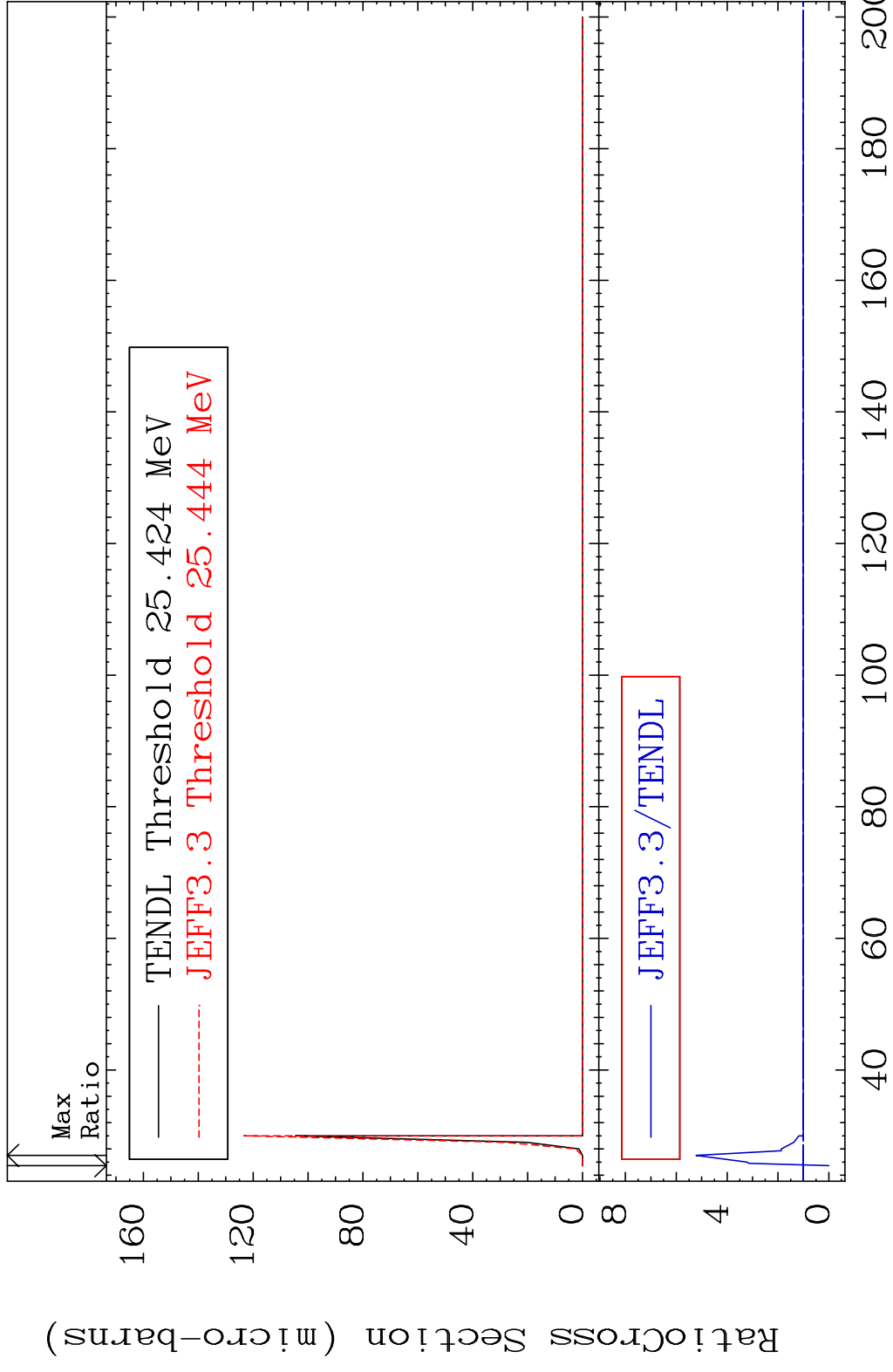
Press Mouse Button to Start

MAT 1925 Inelastic 19-K -39
 Cross Section -5.994 To 1.301 %



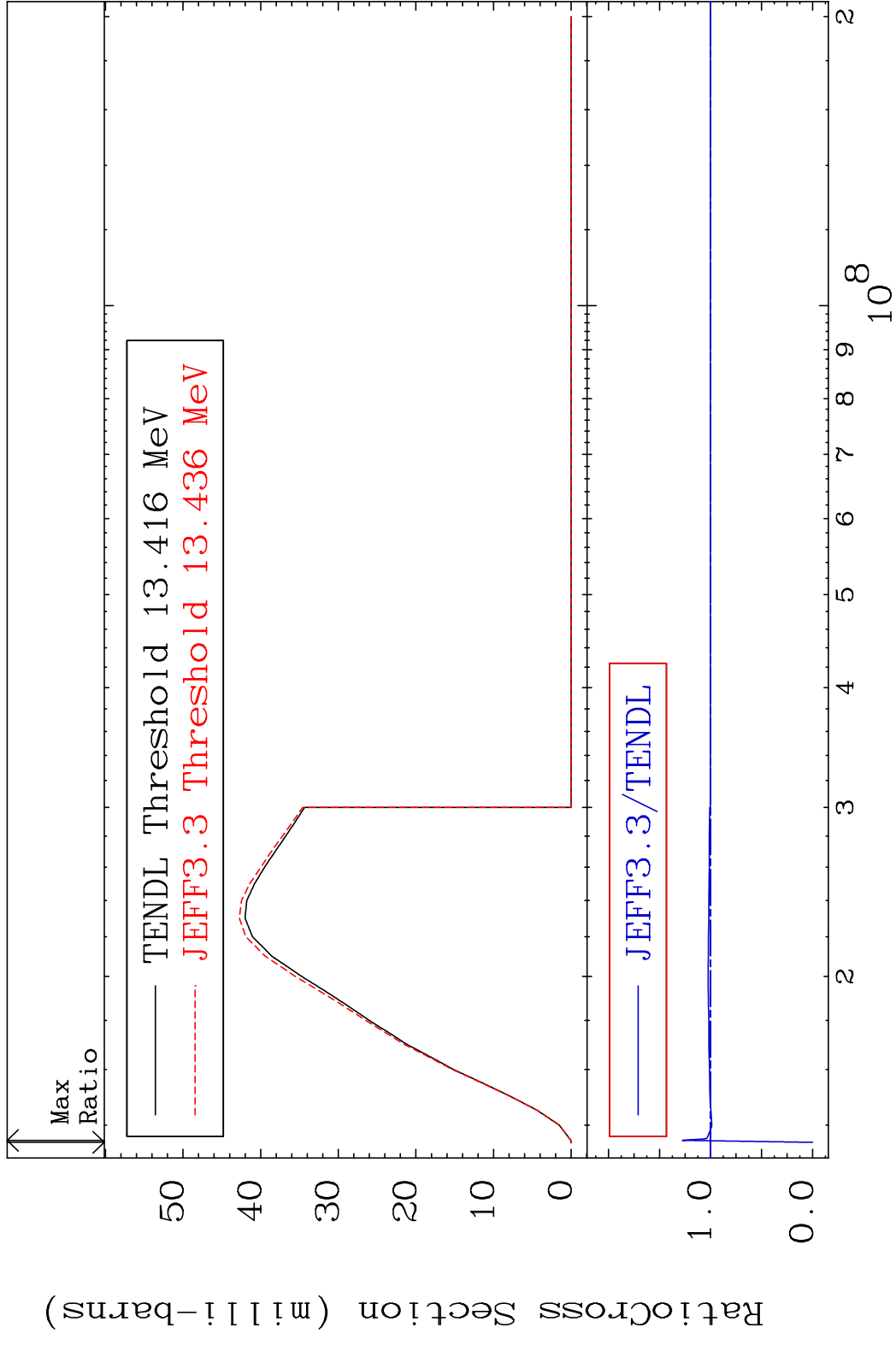
3 Incident Energy (eV) 19-K -39

MAT 1925 (n,2n) d 19-K -39
Cross Section -100.0 To 422.3 %

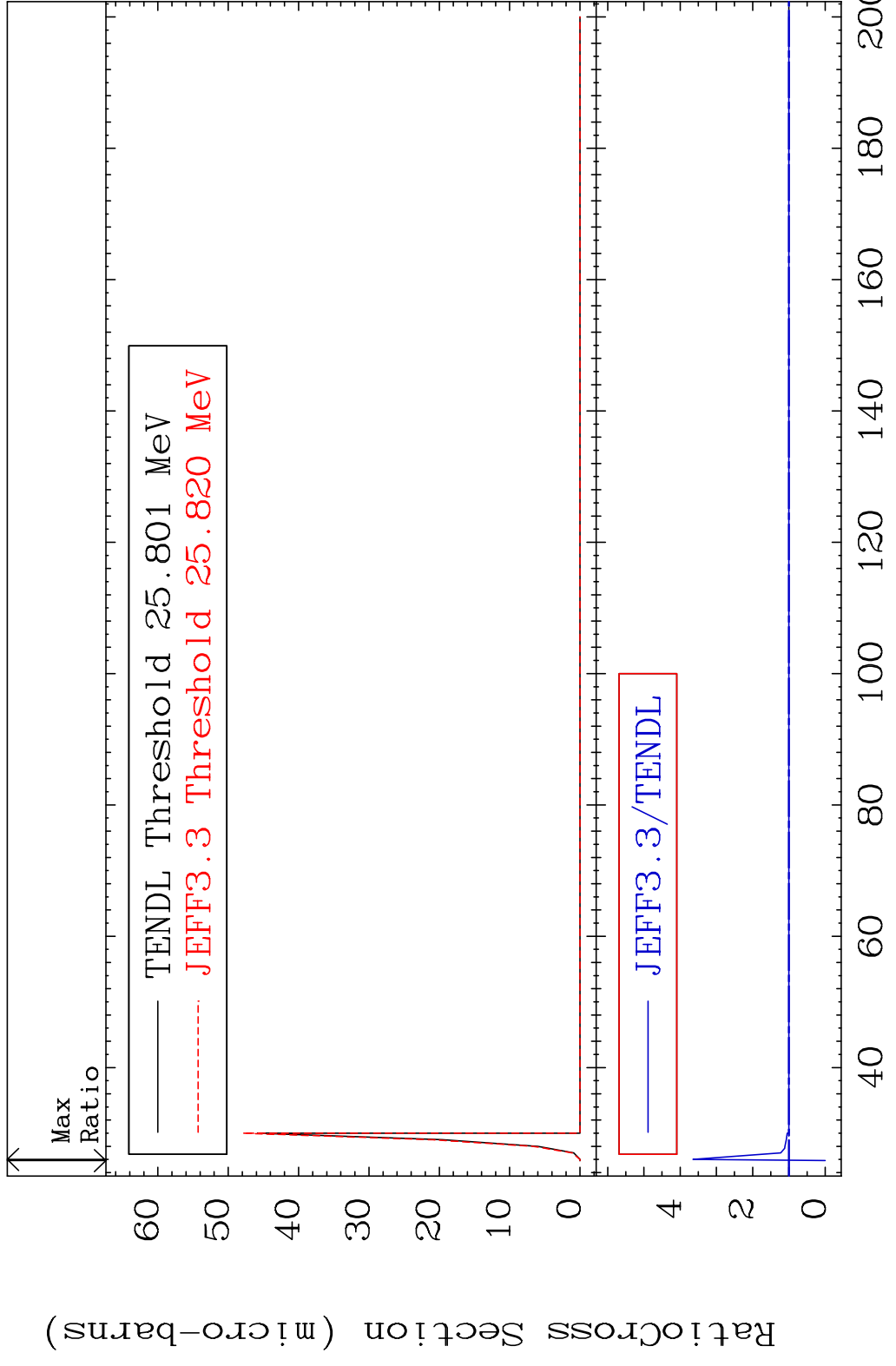


4 Incident Energy (MeV) 19-K -39

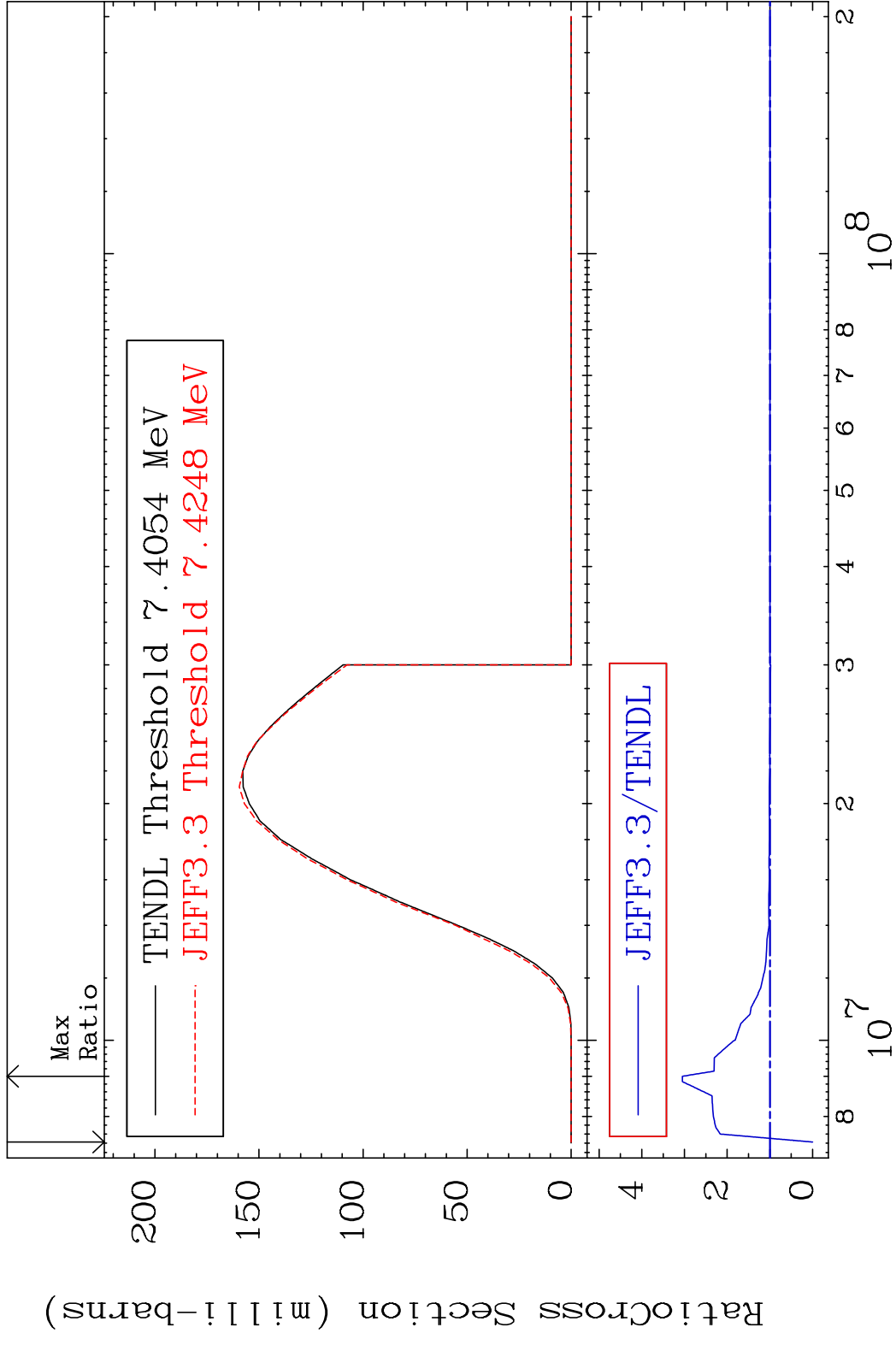
MAT 1925 (n,2n) 19-K -39
 Cross Section -100.0 To 27.64 %



MAT 1925 (n,3n) 19-K -39
 Cross Section -100.0 To 264.7 %



MAT 1925 (n, n') α 19-K -39
 Cross Section -100.0 To 205.0 %



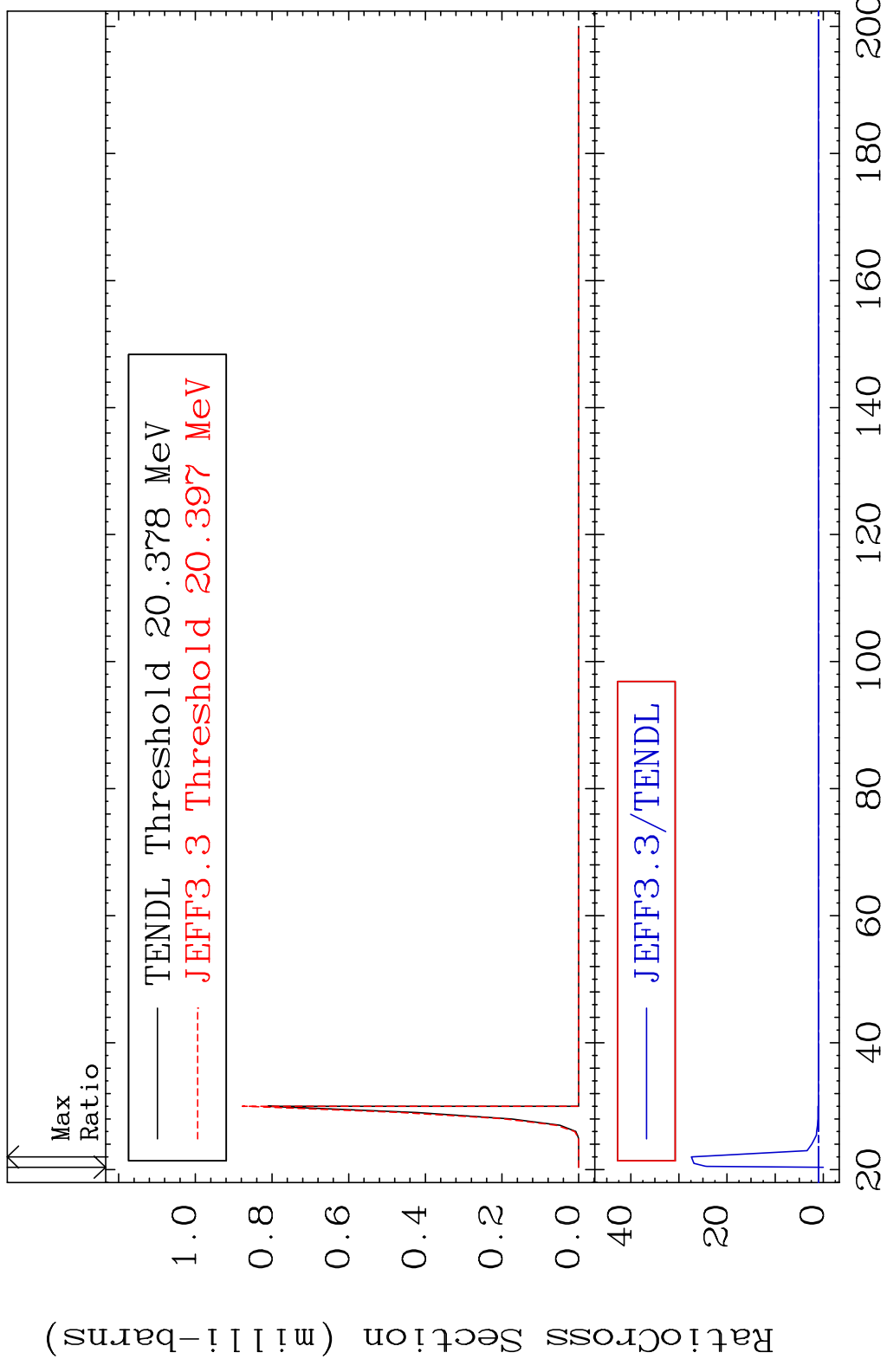
7 Incident Energy (eV) 19-K -39

MAT 1925

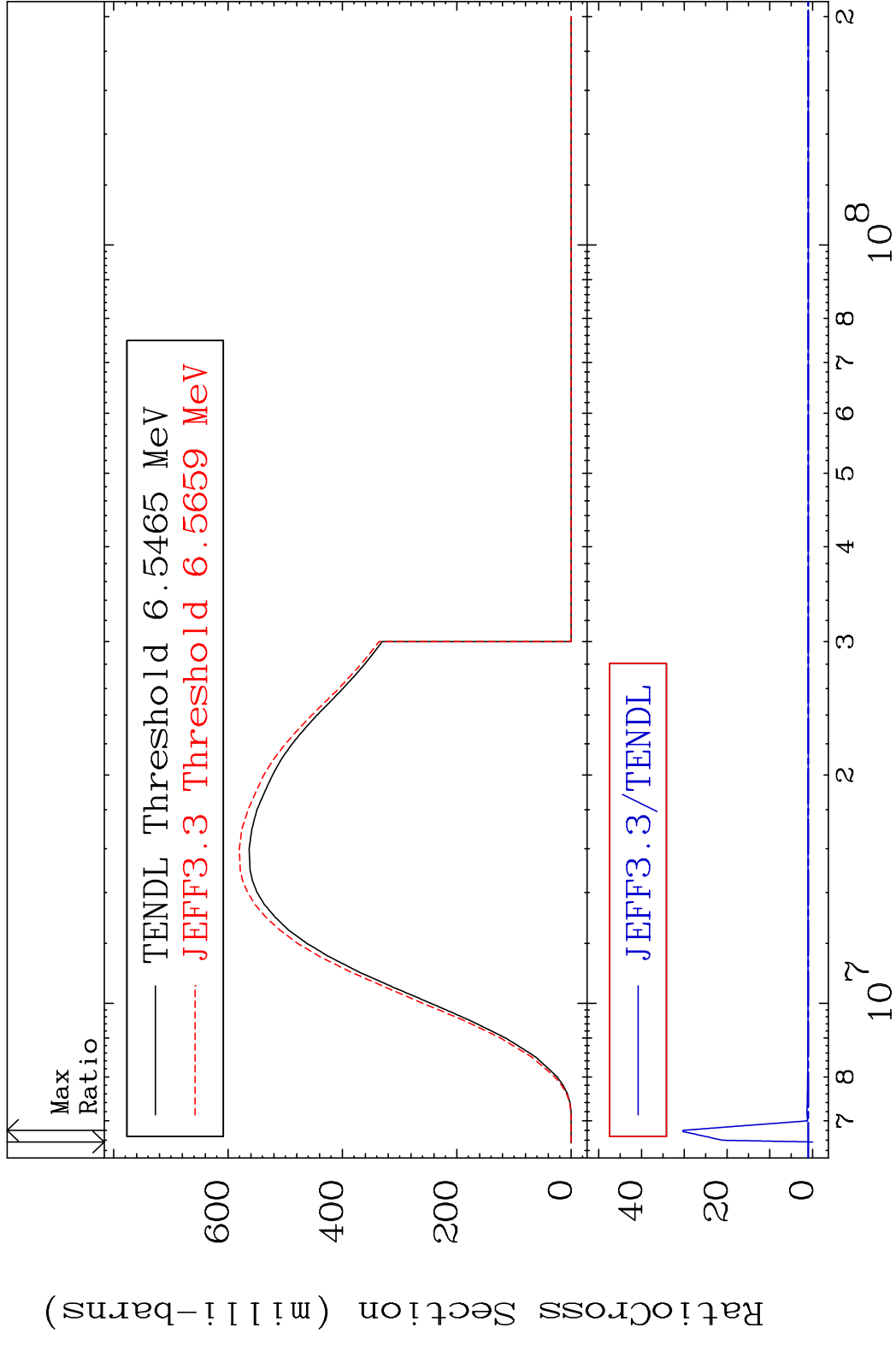
(n,2n) α

19-K -39

Cross Section -100.0 To 2642. %



MAT 1925 (n, n') p 19-K -39
 Cross Section -100.0 To 2945. %

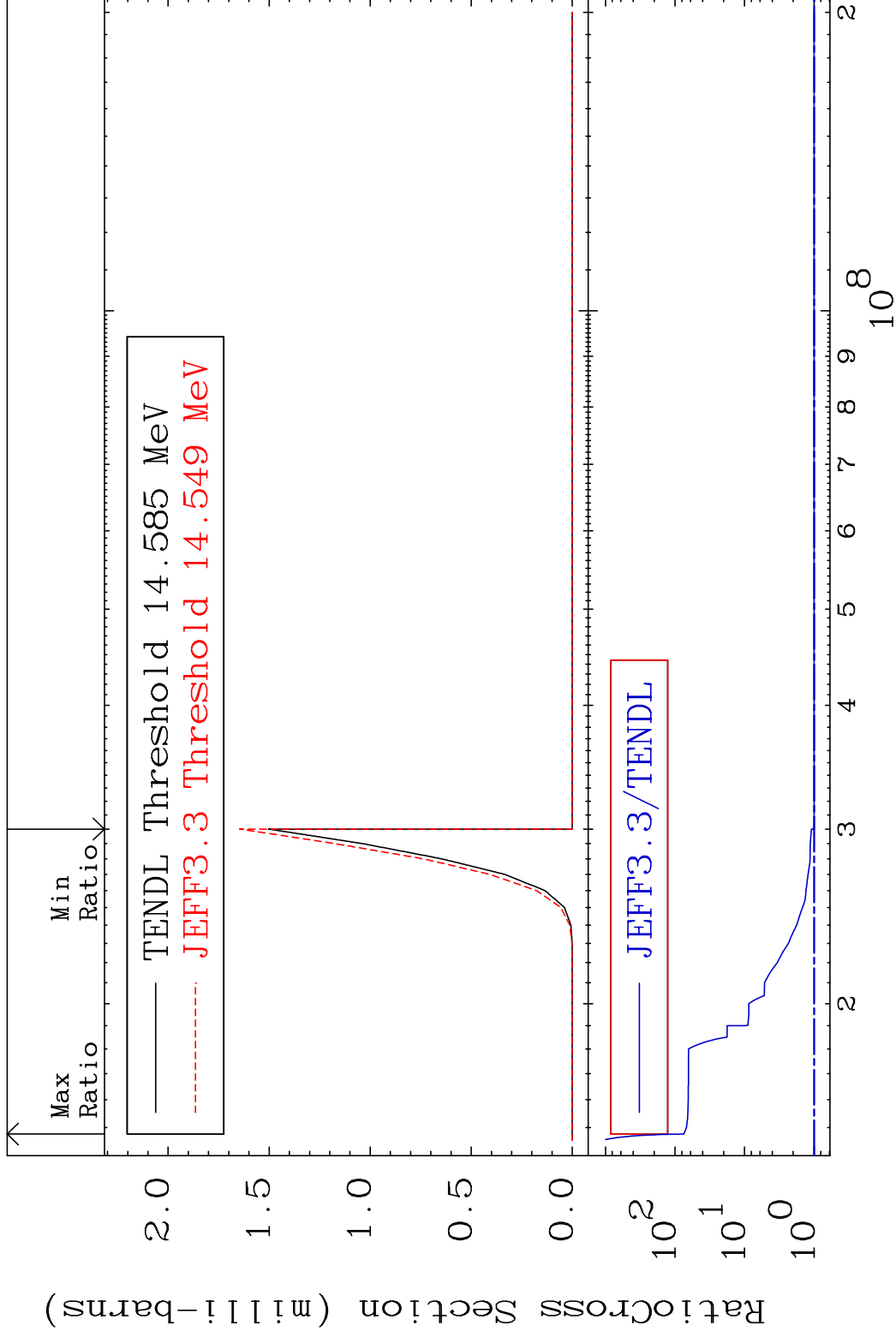


MAT 1925

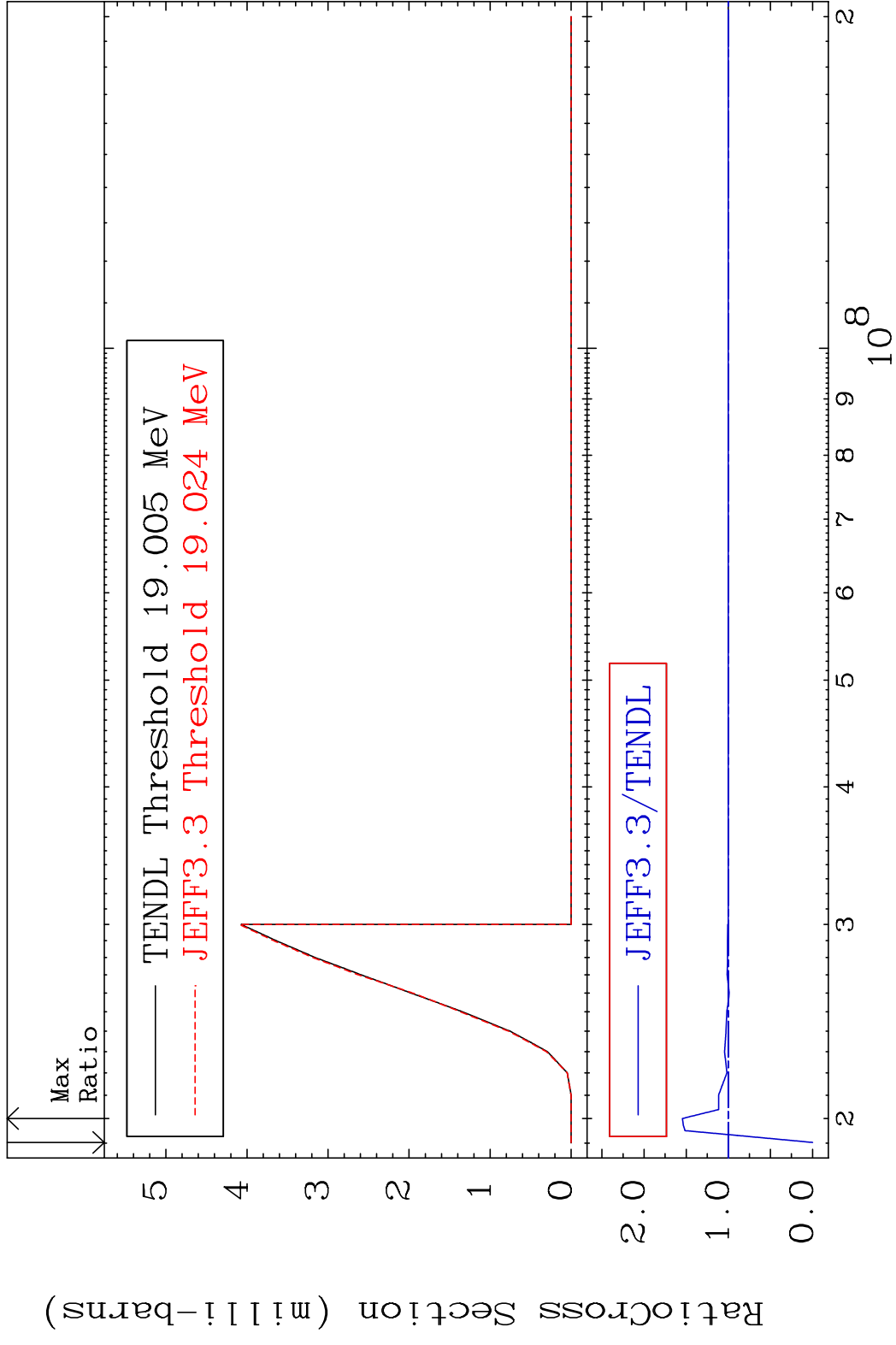
(n, n') 2α

19-K -39

Cross Section 0.000 To 7417. %



MAT 1925 (n, n') t 19-K -39
 Cross Section -100.0 To 54.56 %

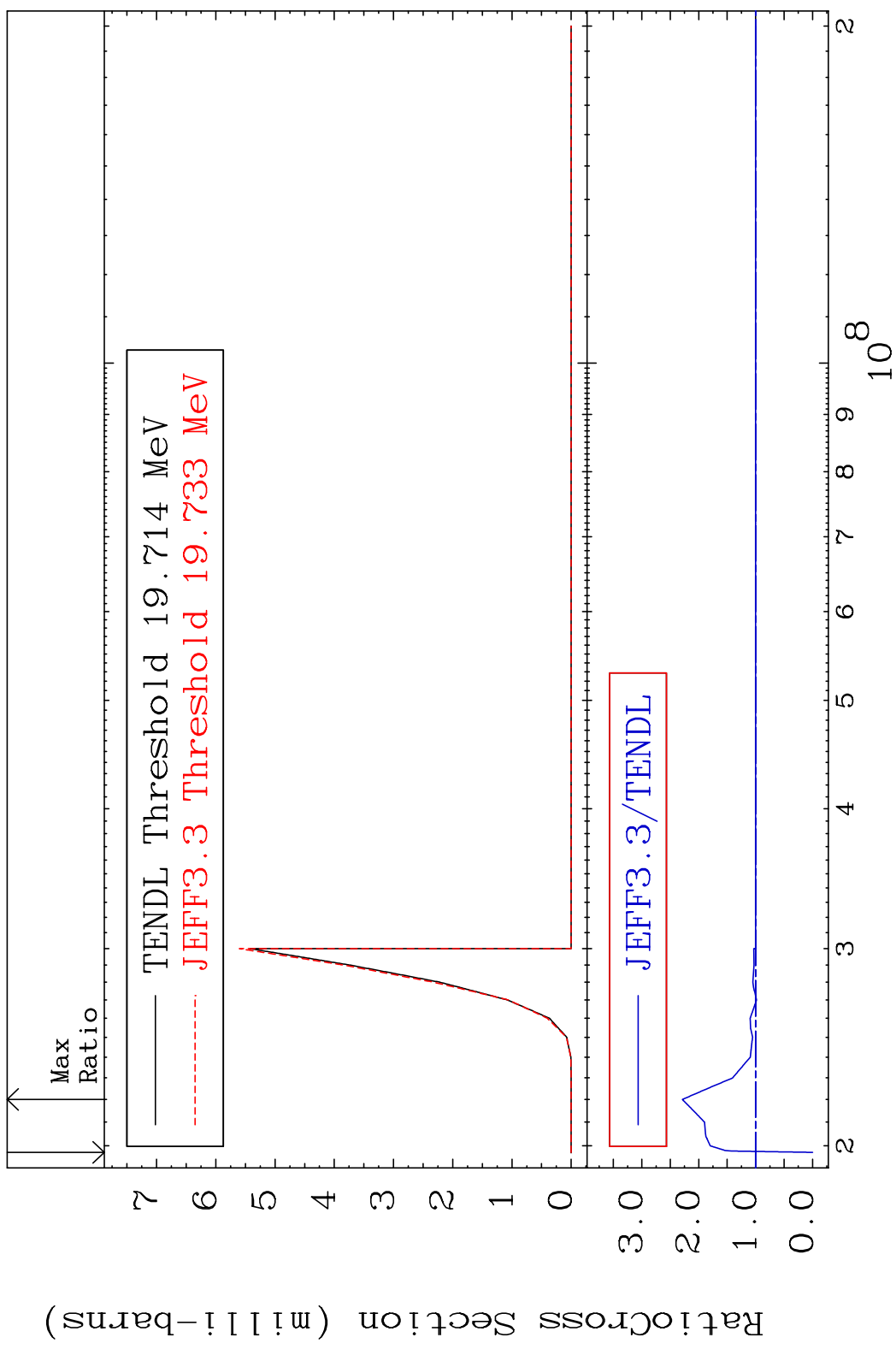


MAT 1925

(n,n') He-3

19-K -39

Cross Section -100.0 To 128.8 %

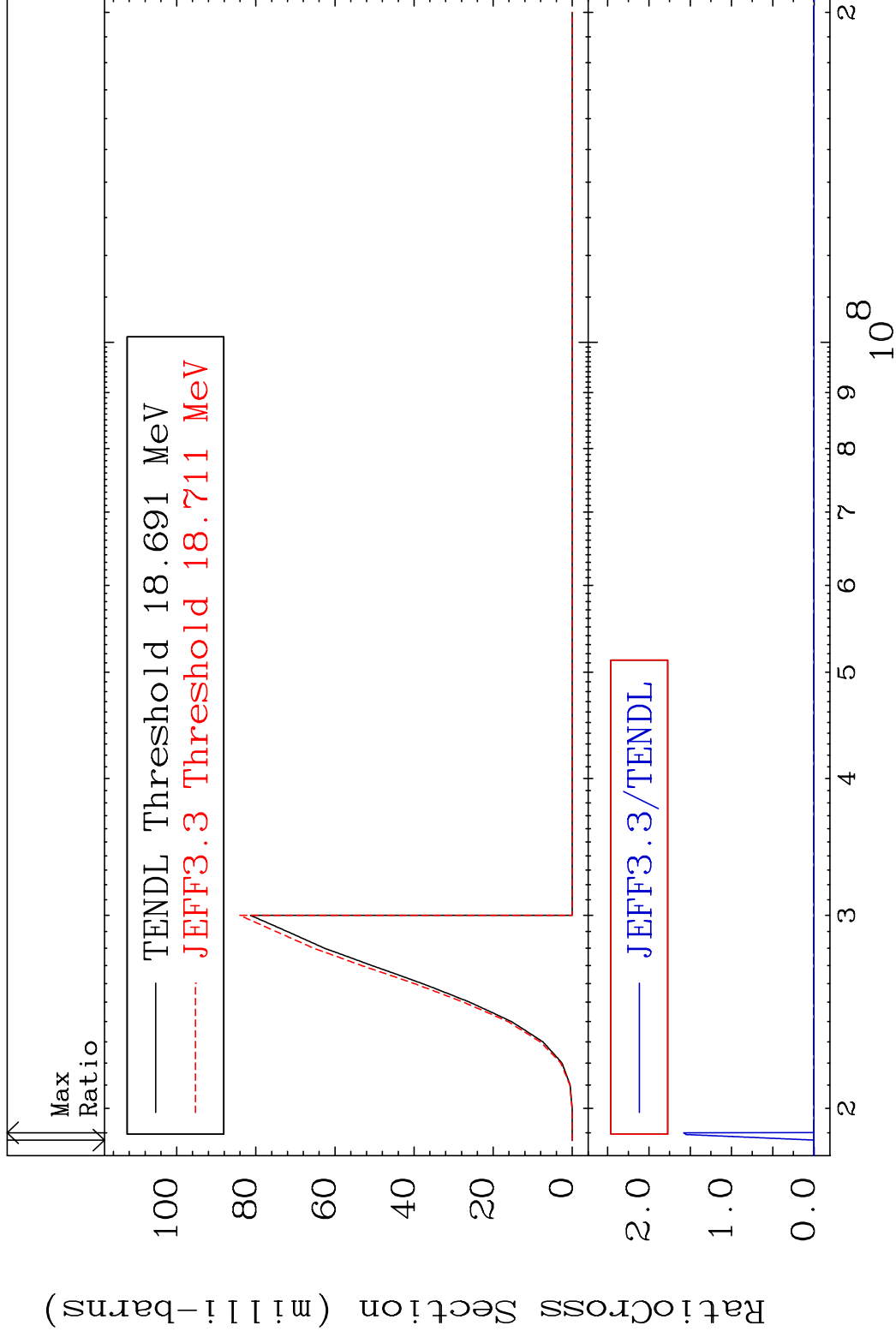


MAT 1925

(n,2n) p

19-K -39

Cross Section -100.0 To 9999. %

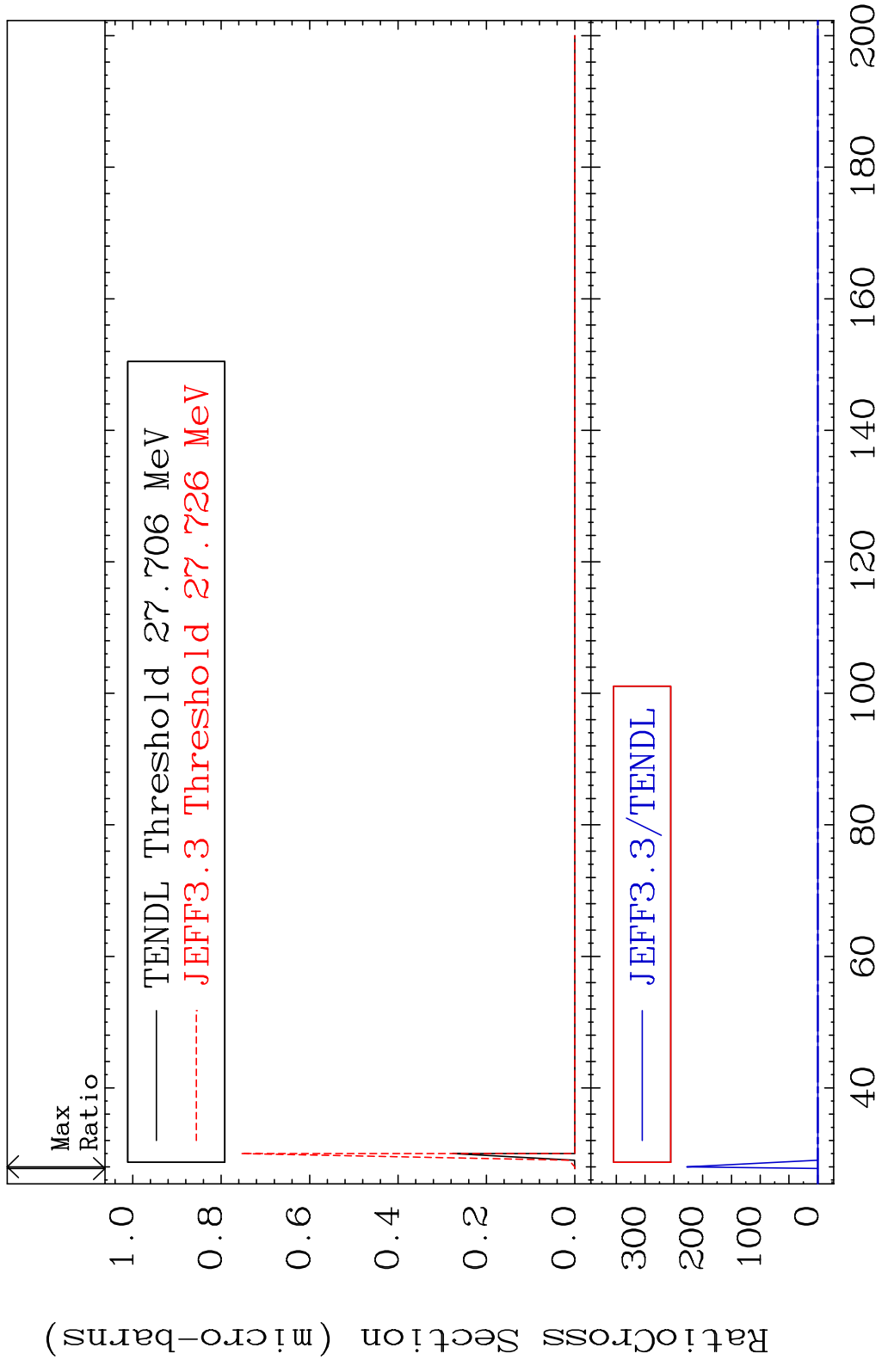


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Incident Energy (eV)

19-K -39

MAT 1925 (n,3n) p 19-K -39
 Cross Section -100.0 To 9999. %

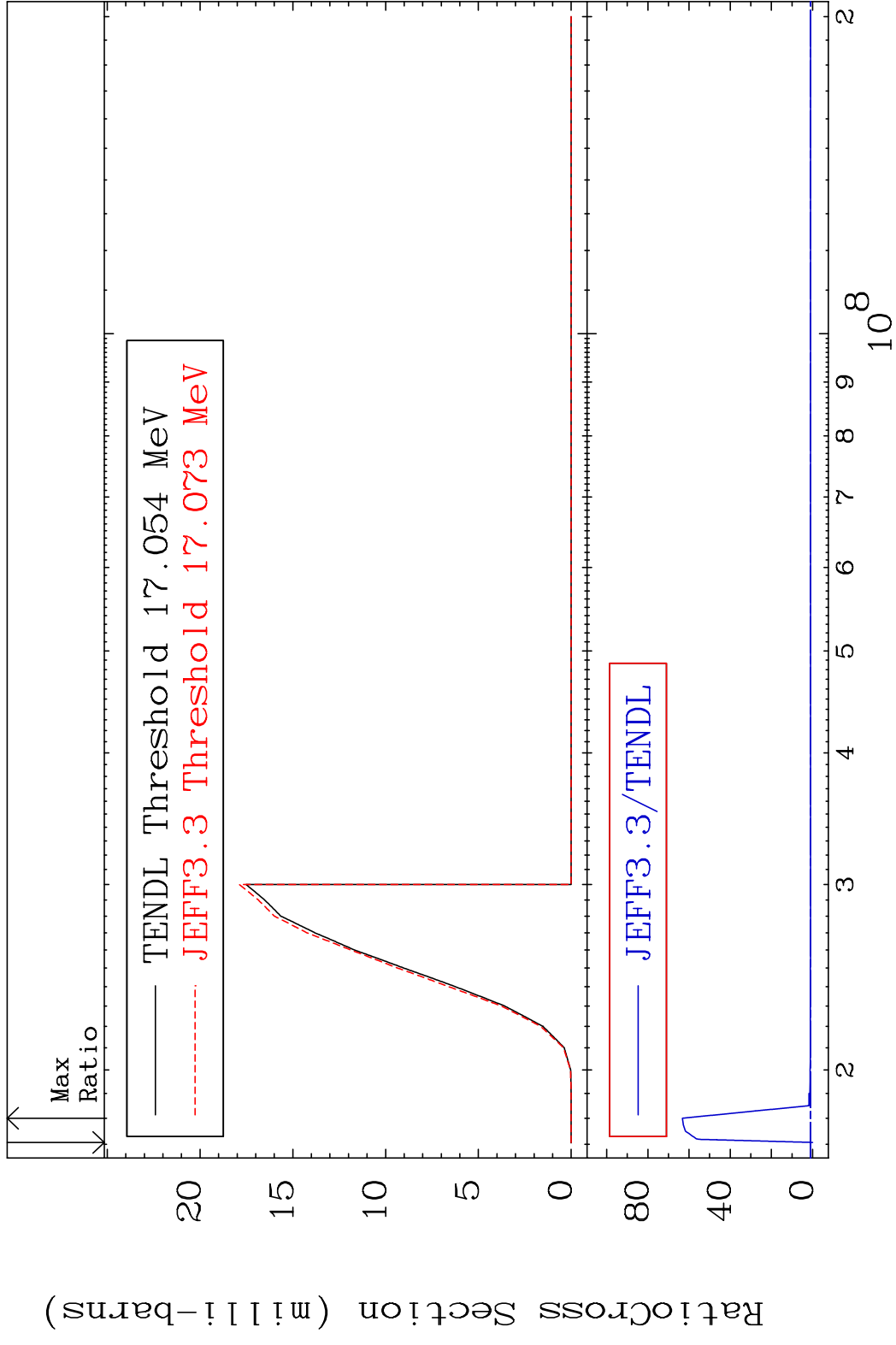


MAT 1925

(n,2n) p

19-K -39

Cross Section -100.0 To 6225. %

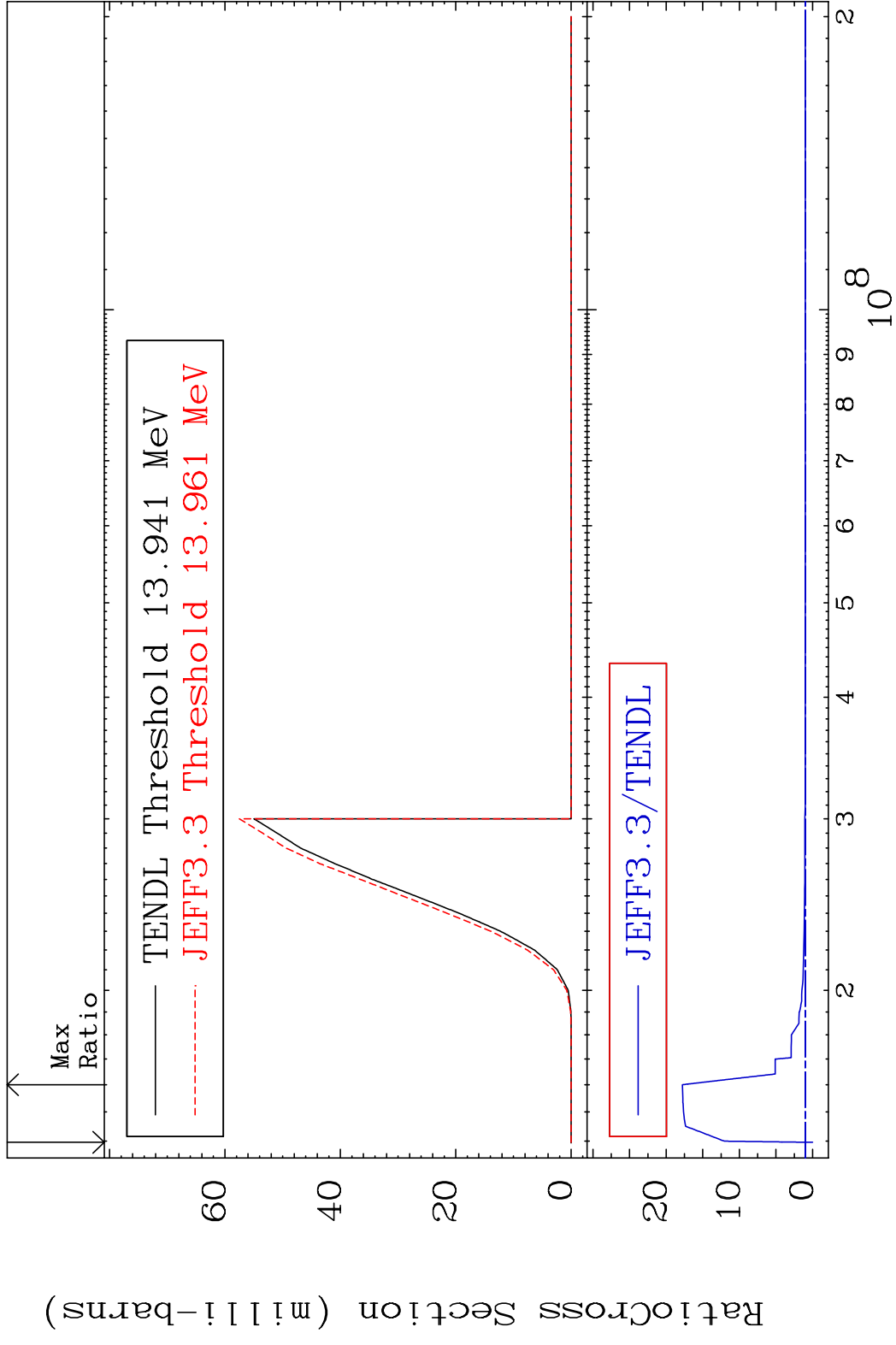


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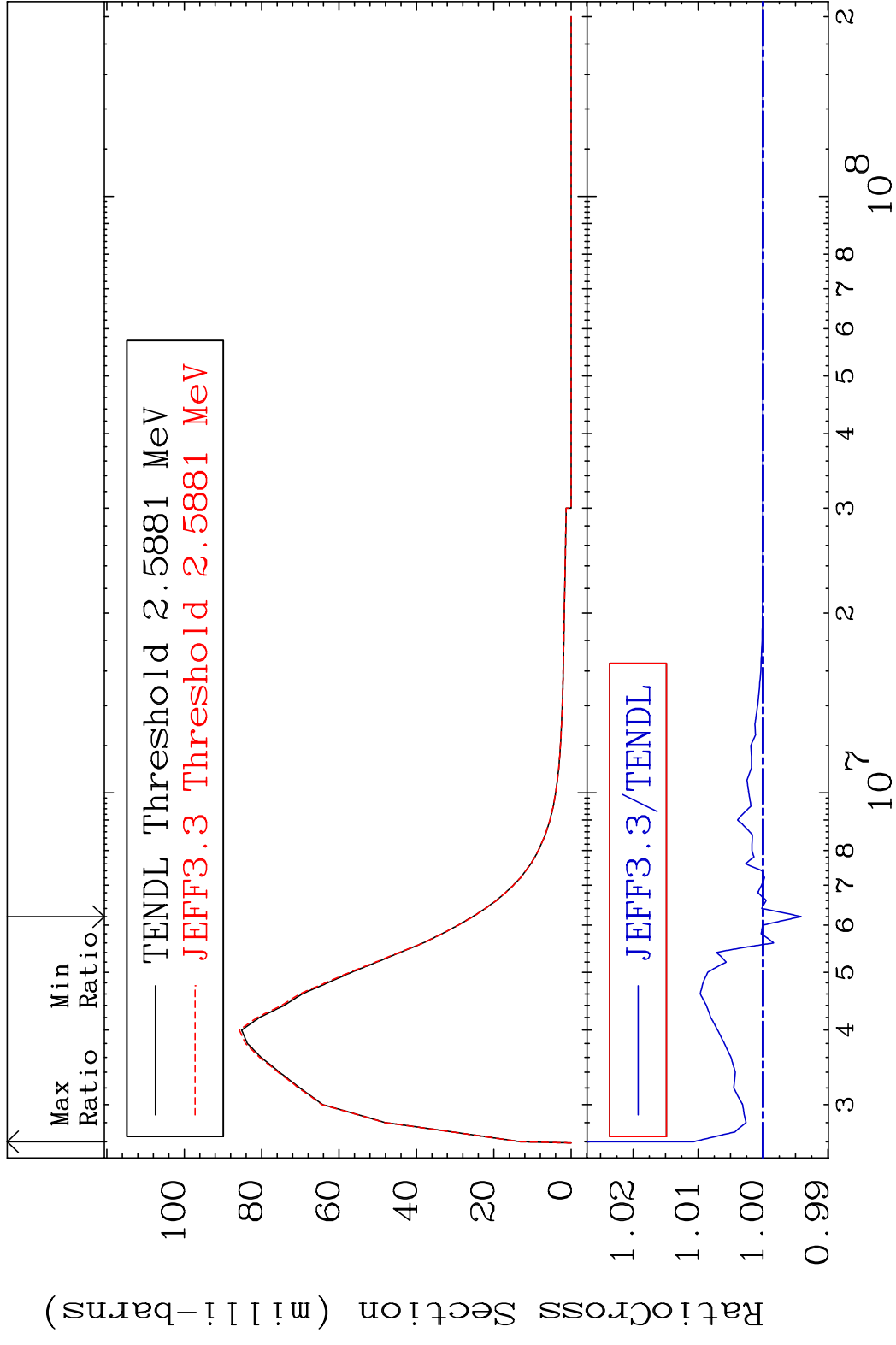
Incident Energy (eV)

19-K -39

MAT 1925 (n,n') p α 19-K -39
 Cross Section -100.0 To 1679. %

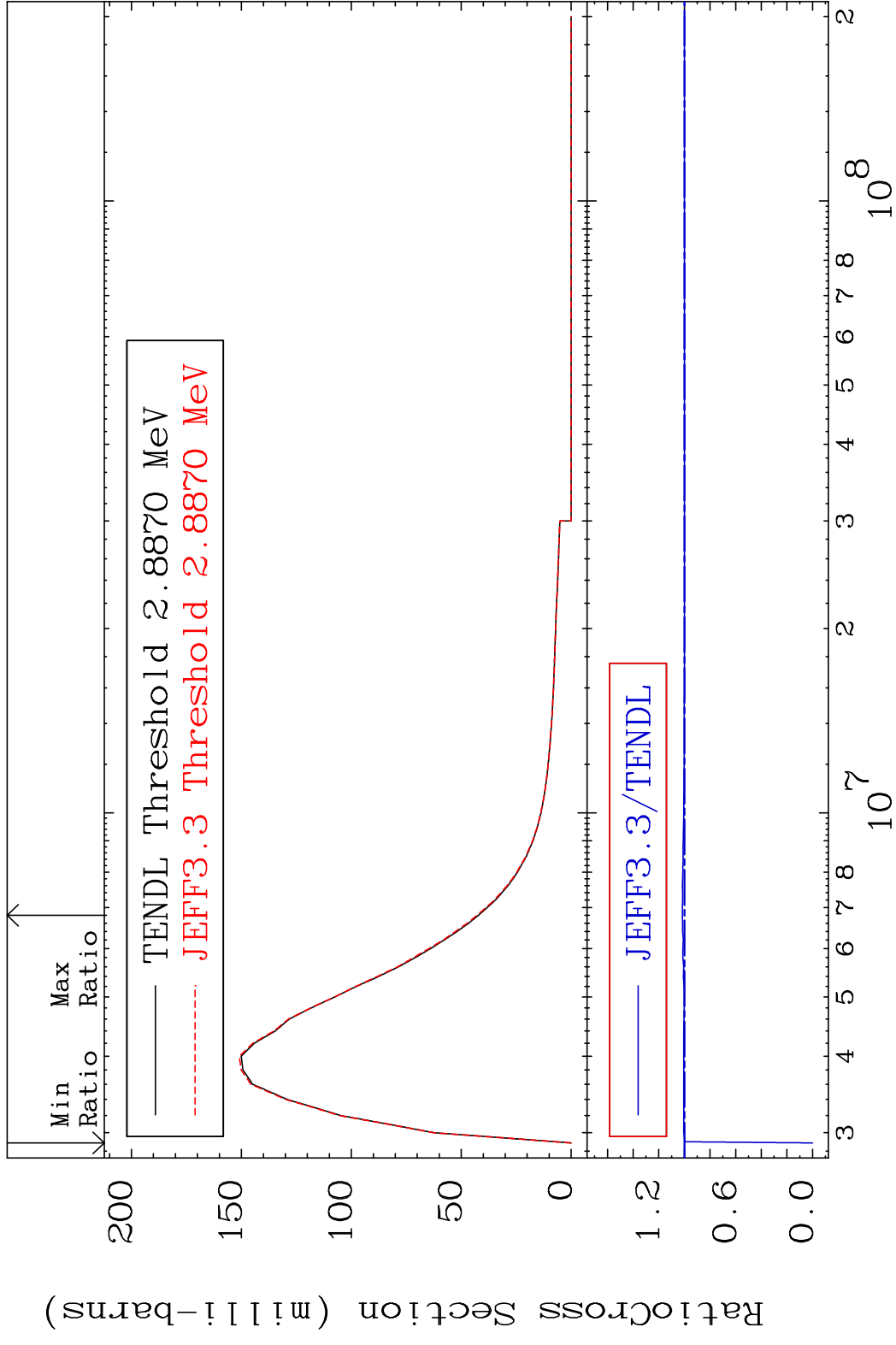


MAT 1925 MT= 51 (n, n') Level 19-K -39
 Cross Section -0.590 To 1.068 %



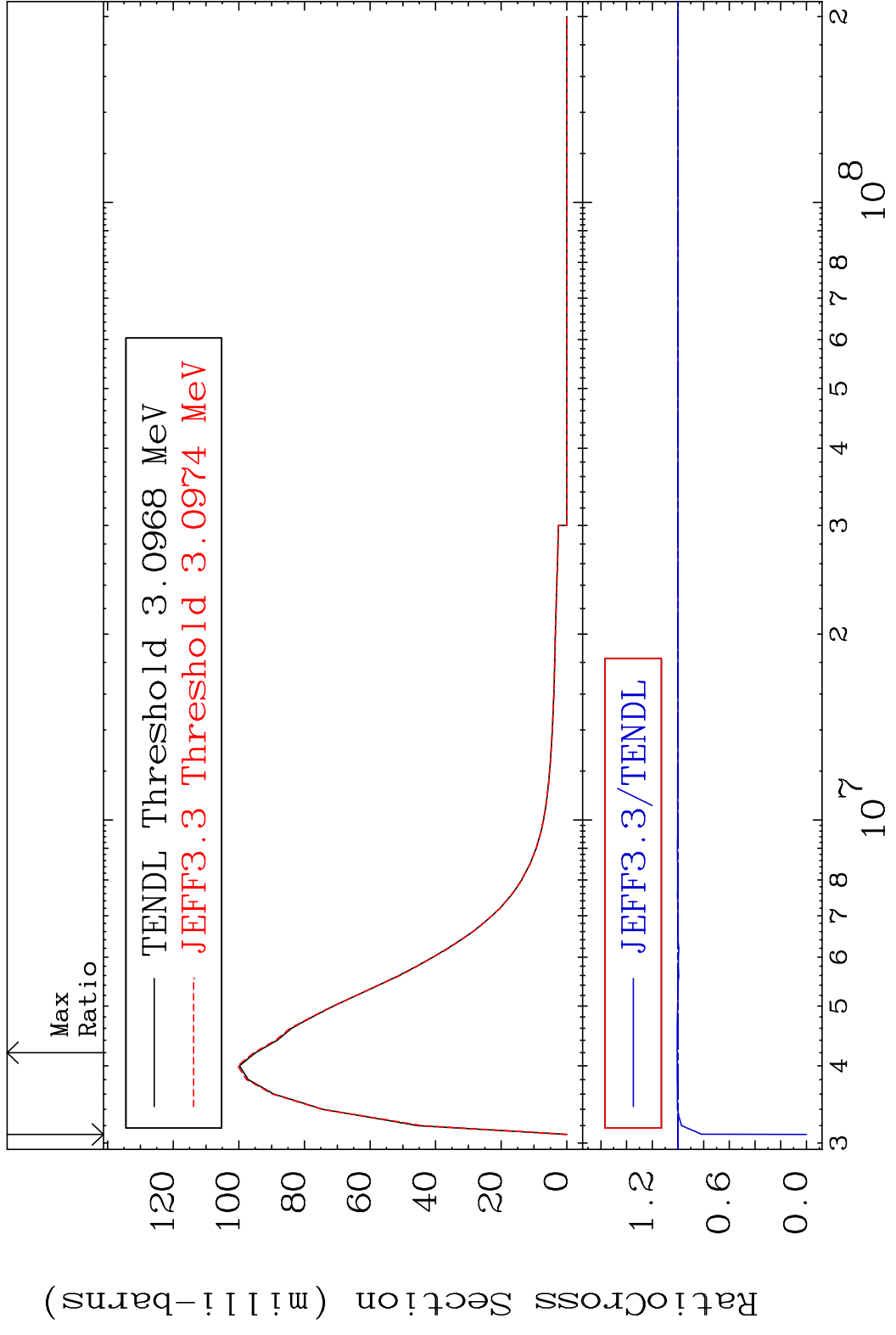
18 Incident Energy (eV) 19-K -39

MAT 1925 MT= 52 (n, n') Level 19-K -39
 Cross Section -100.0 To 1.583 %

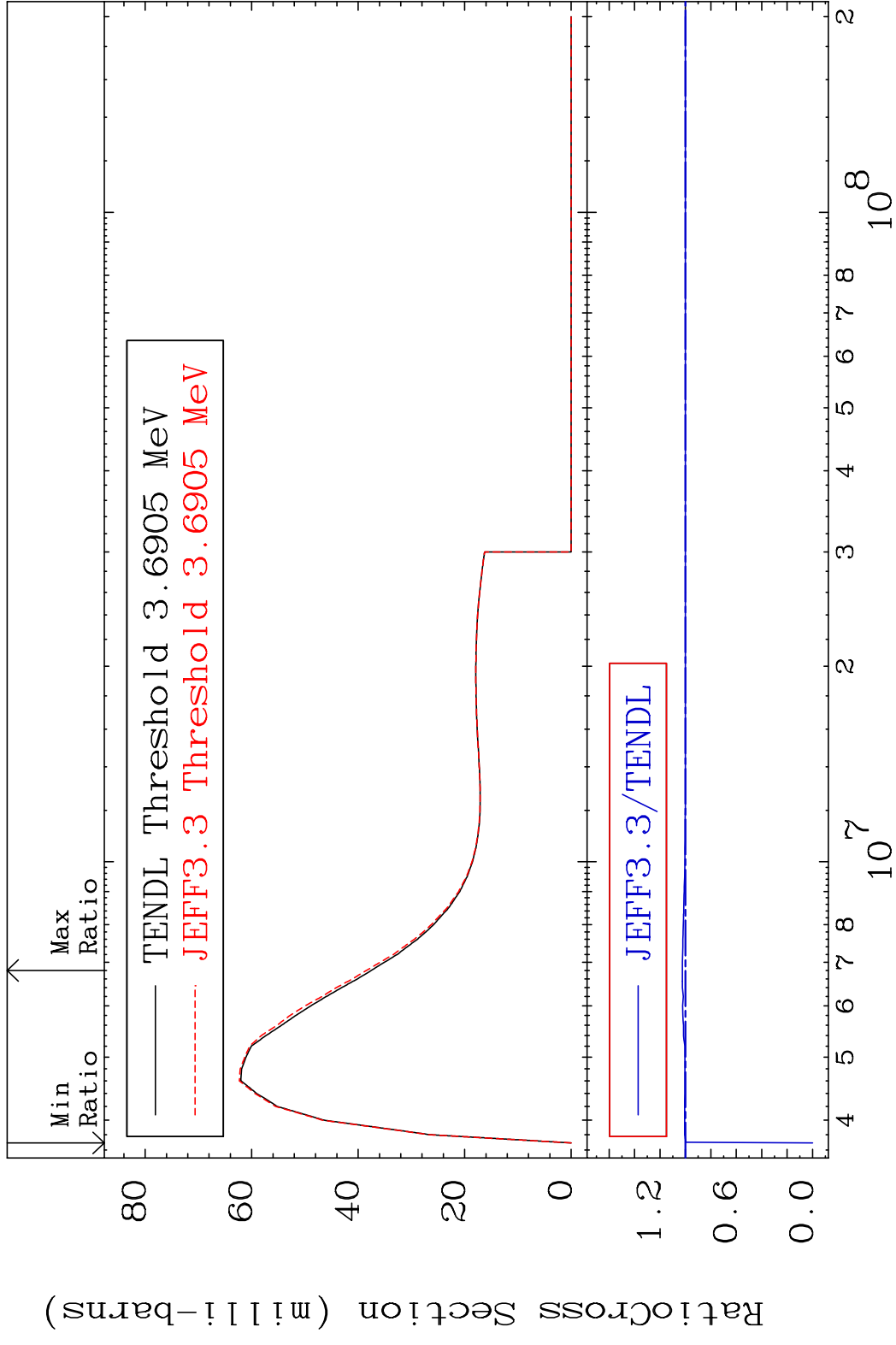


19 Incident Energy (eV) 19-K -39

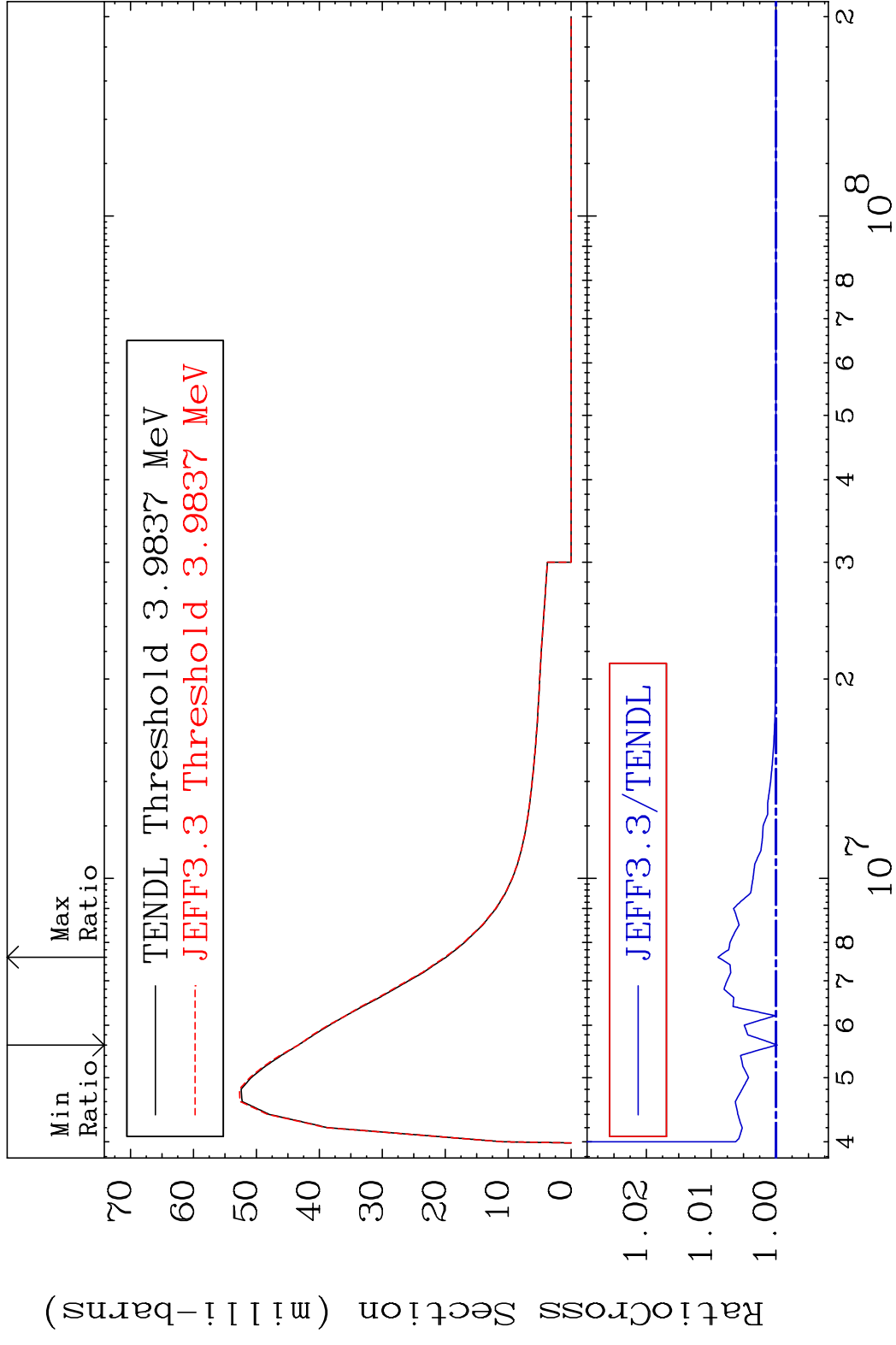
MAT 1925 MT= 53 (n, n') Level 19-K -39
 Cross Section -100.0 To 0.601 %



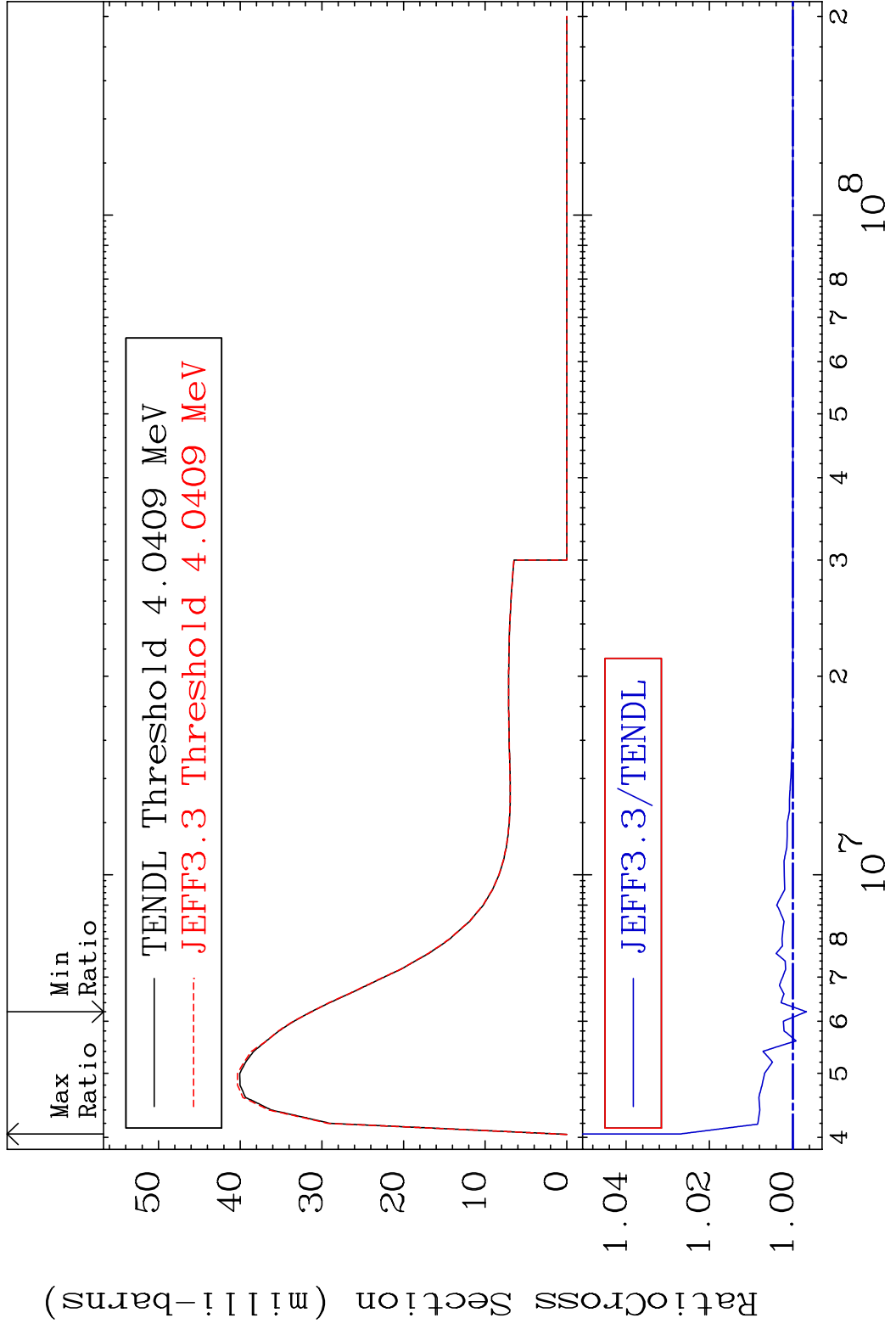
MAT 1925 MT= 54 (n,n') Level 19-K -39
 Cross Section -100.0 To 2.435 %



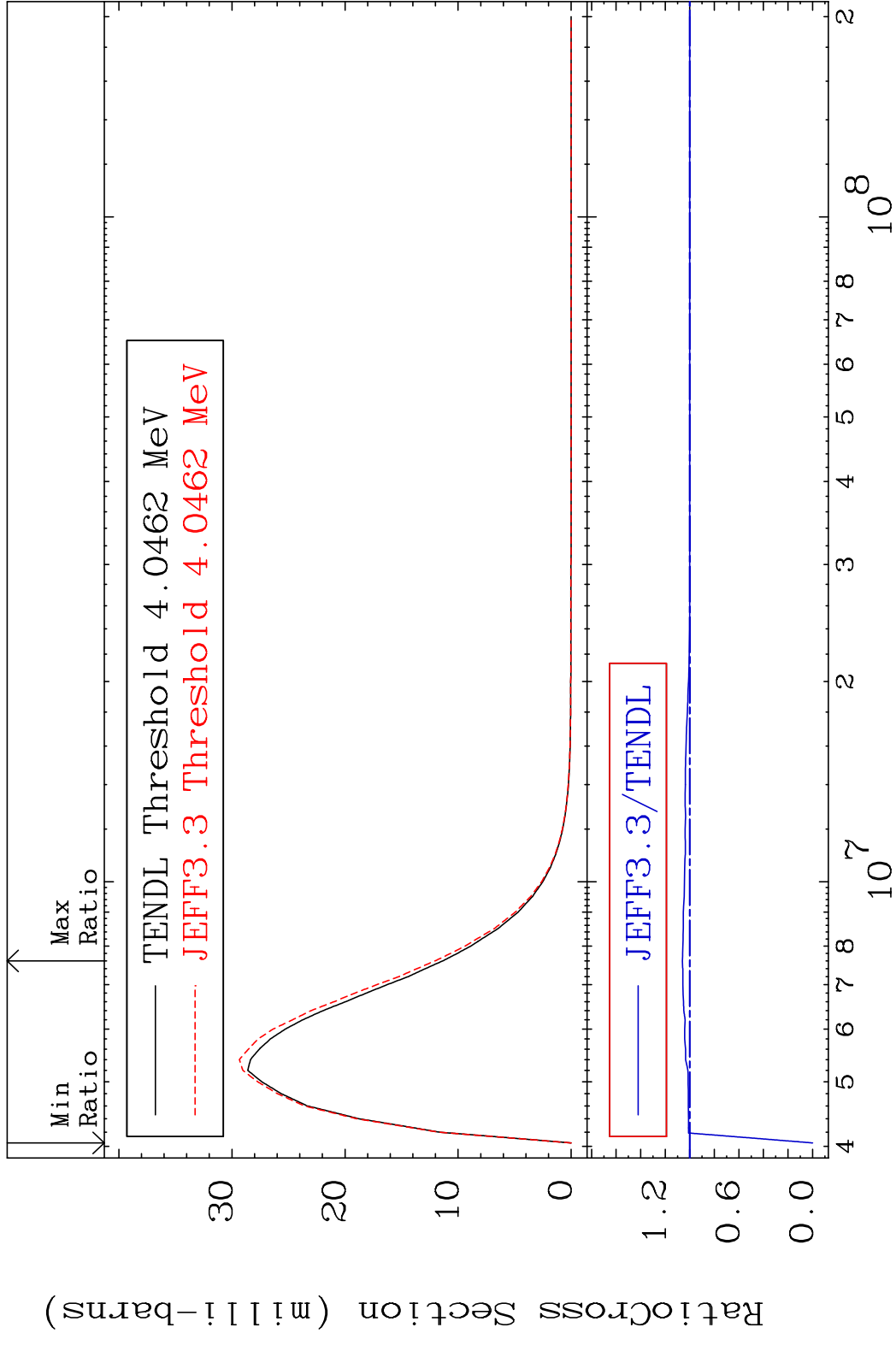
MAT 1925 MT= 55 (n,n') Level 19-K -39
 Cross Section -0.016 To 0.896 %



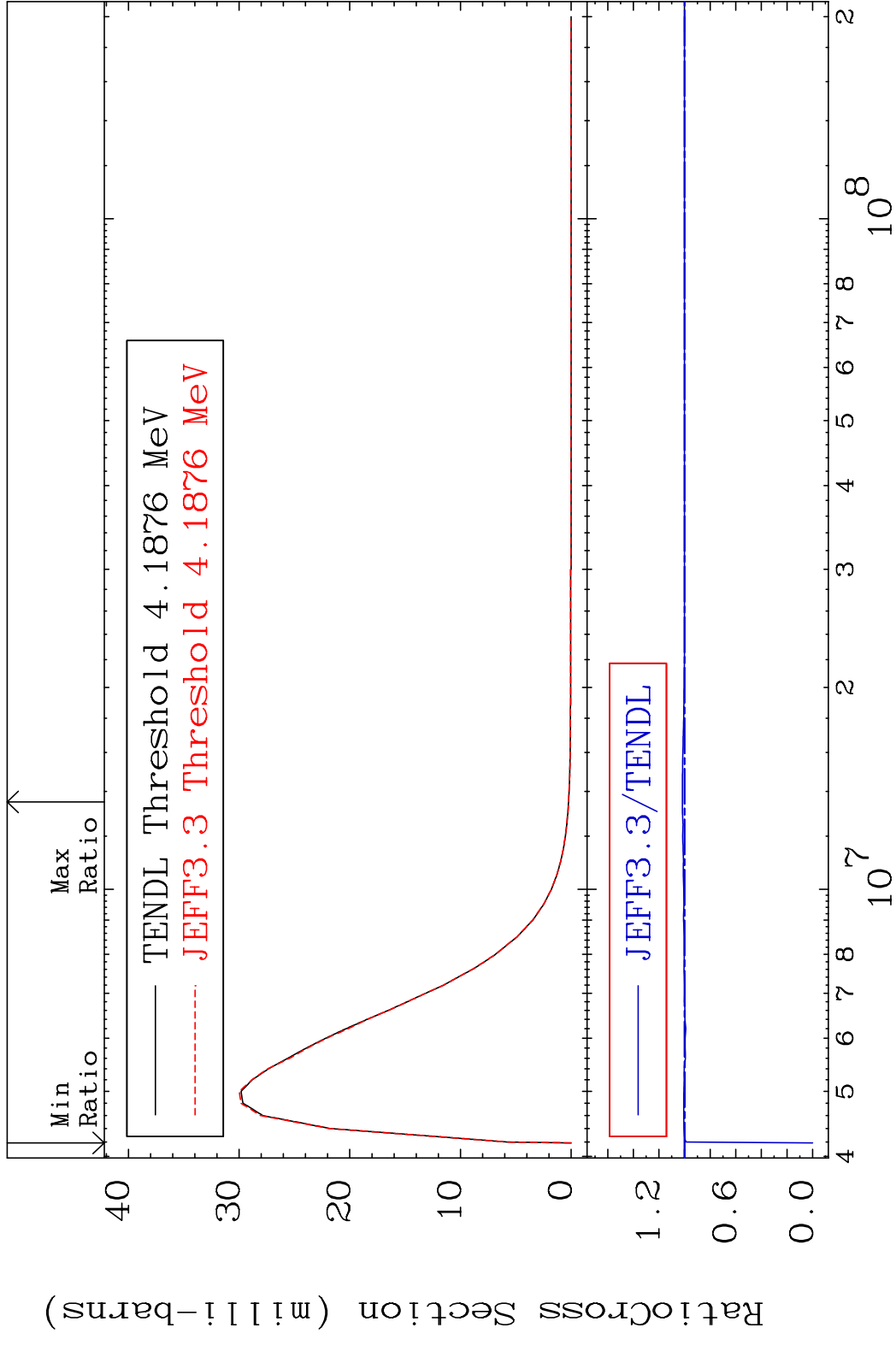
MAT 1925 MT= 56 (n,n') Level 19-K -39
 Cross Section -0.326 To 2.774 %



MAT 1925 MT= 57 (n,n') Level 19-K -39
 Cross Section -100.0 To 6.055 %



MAT 1925 MT= 58 (n,n') Level 19-K -39
 Cross Section -100.0 To 1.711 %

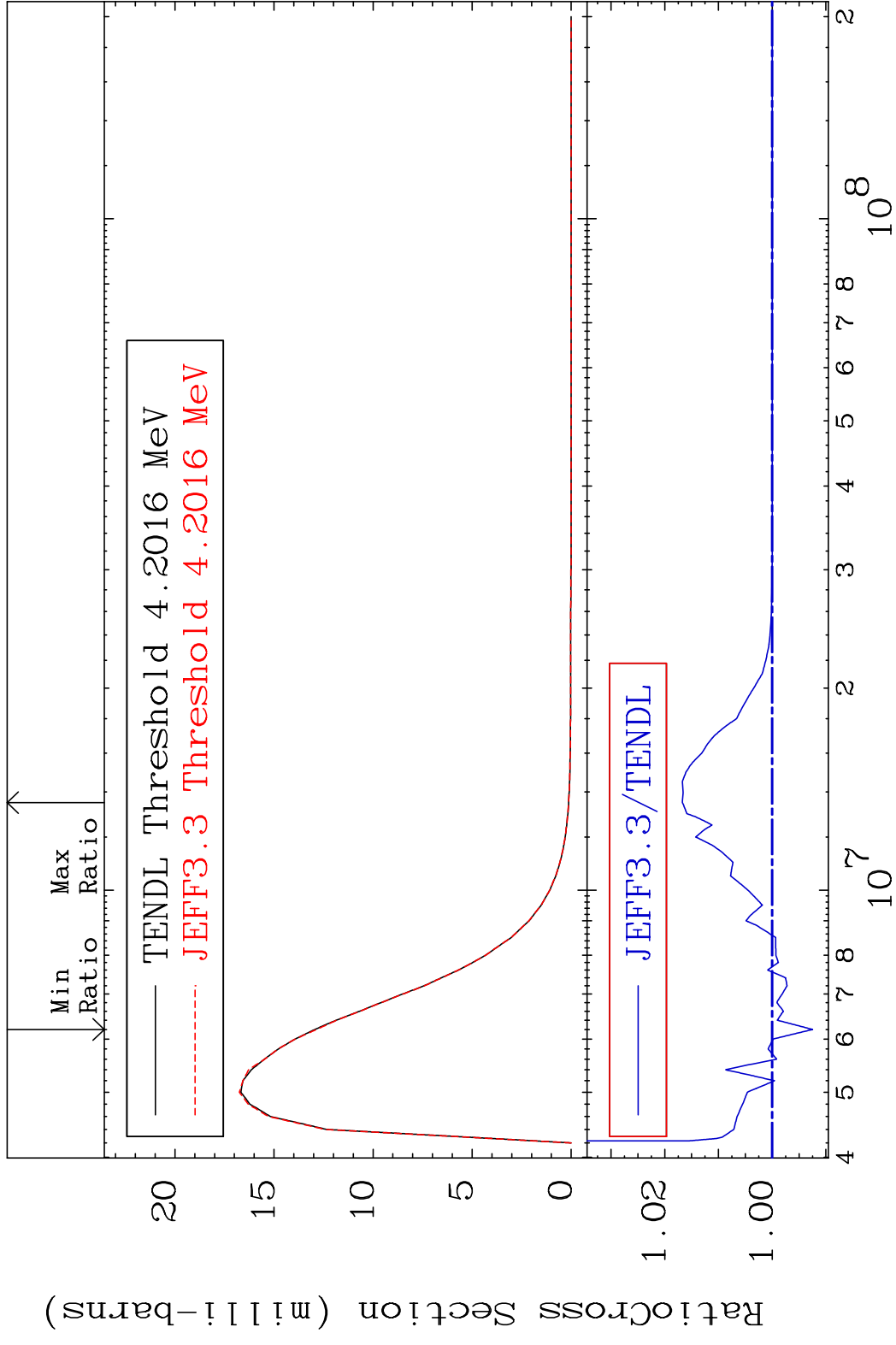


MAT 1925

MT= 59 (n, n') Level

19-K -39

Cross Section -0.751 To 1.672 %

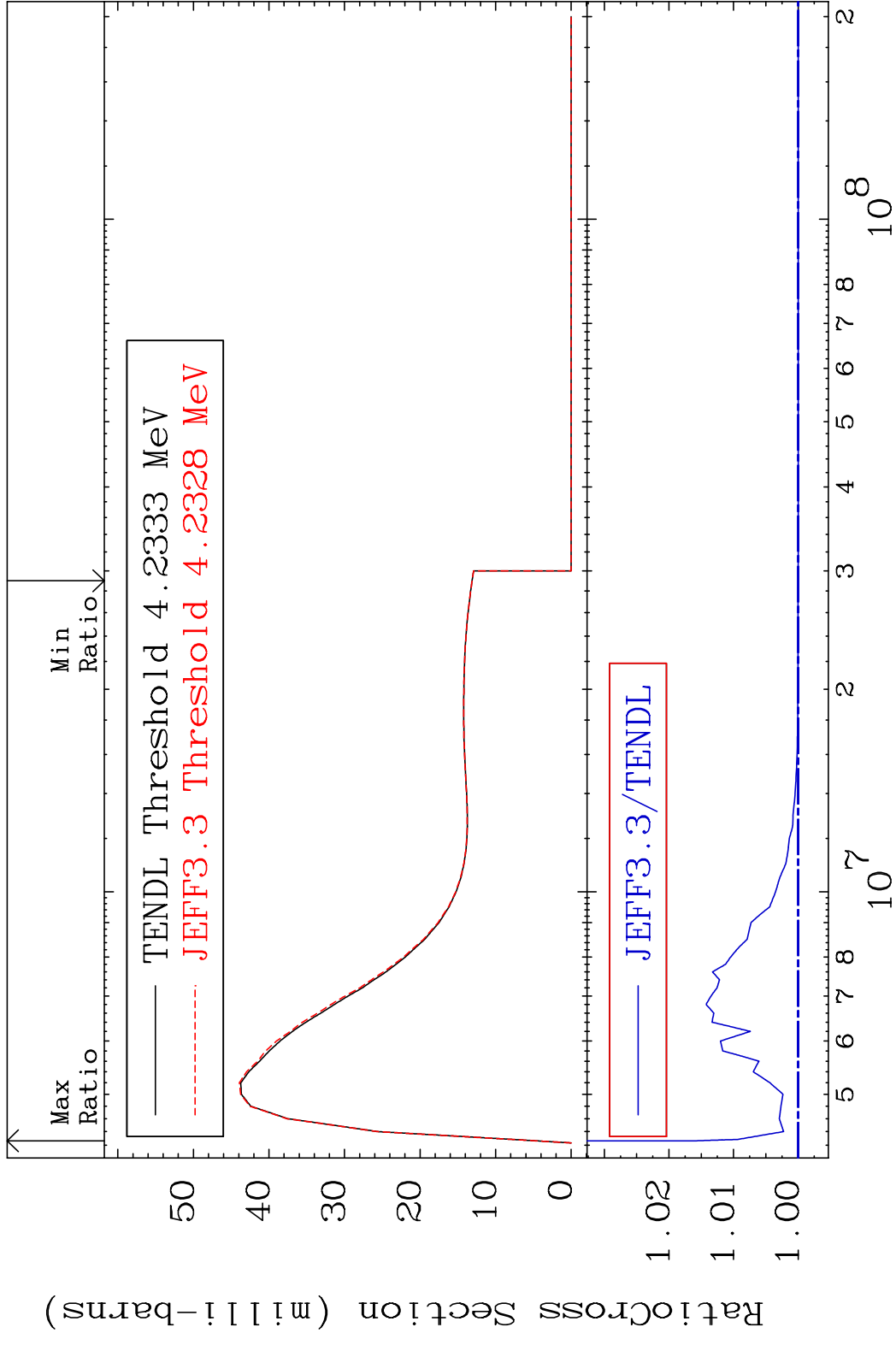


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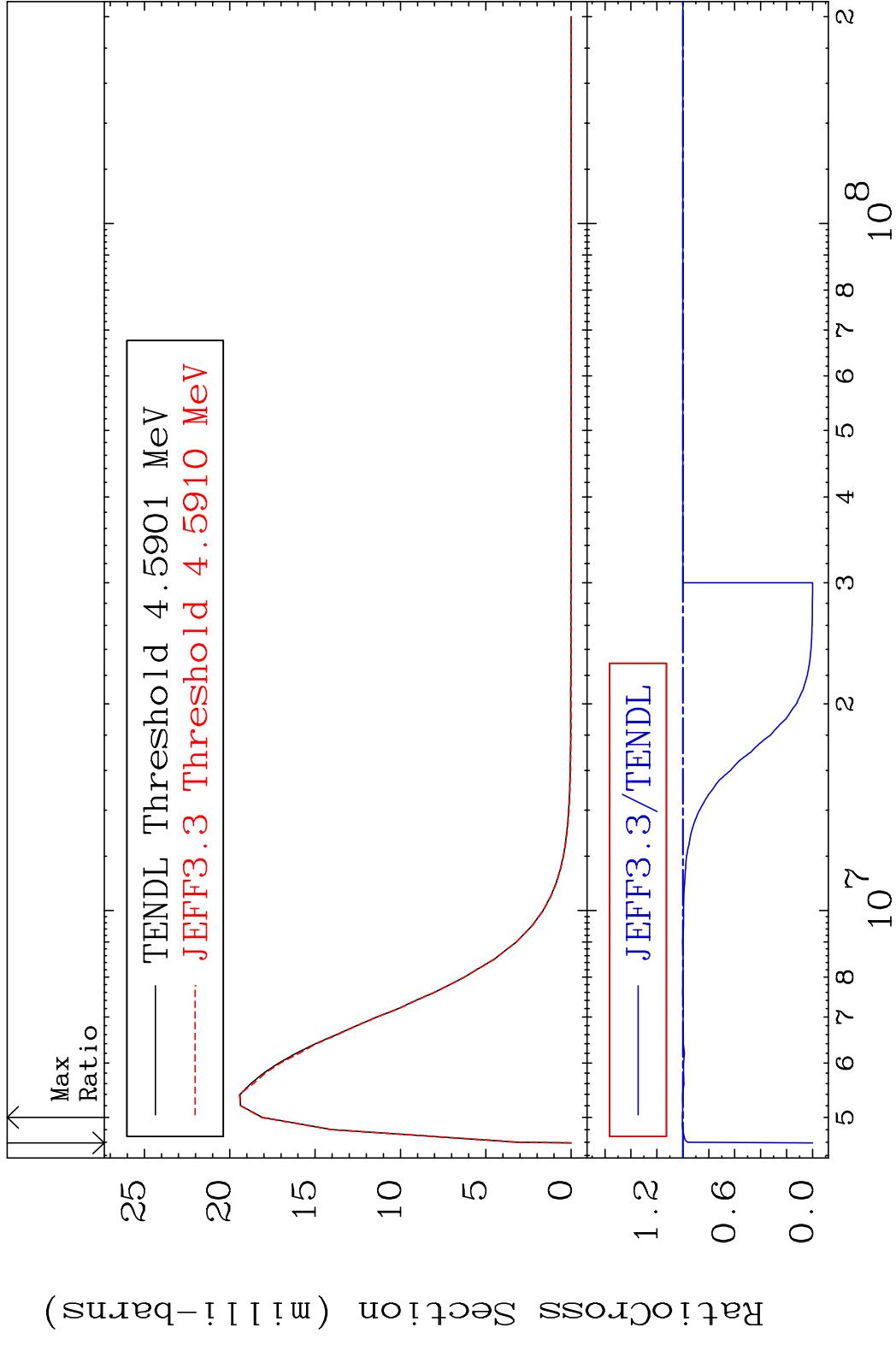
Incident Energy (eV)

19-K -39

MAT 1925 MT= 60 (n, n') Level 19-K -39
 Cross Section 0.000 To 1.569 %

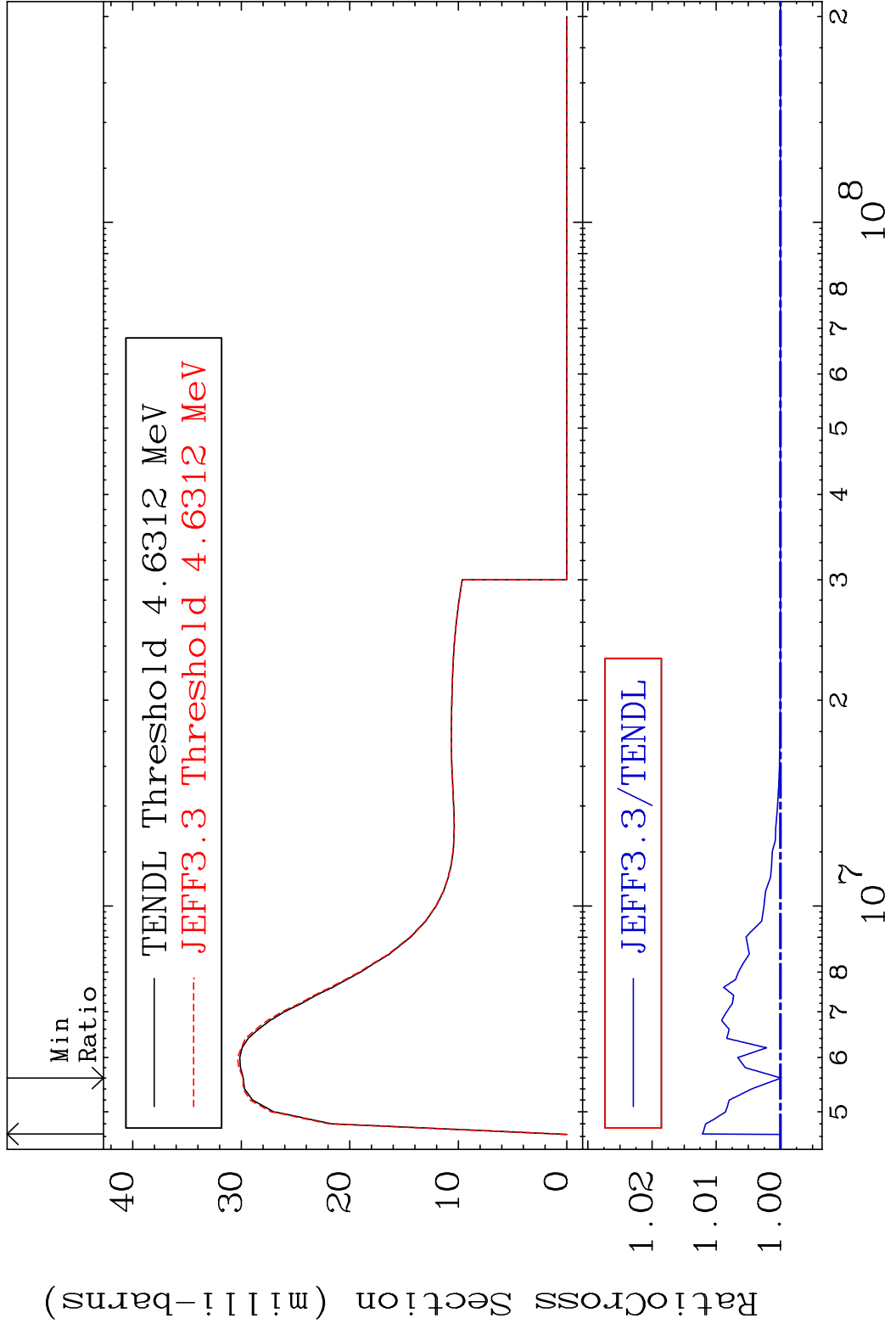


MAT 1925 MT= 61 (n, n') Level 19-K -39
 Cross Section -100.0 To 0.370 %

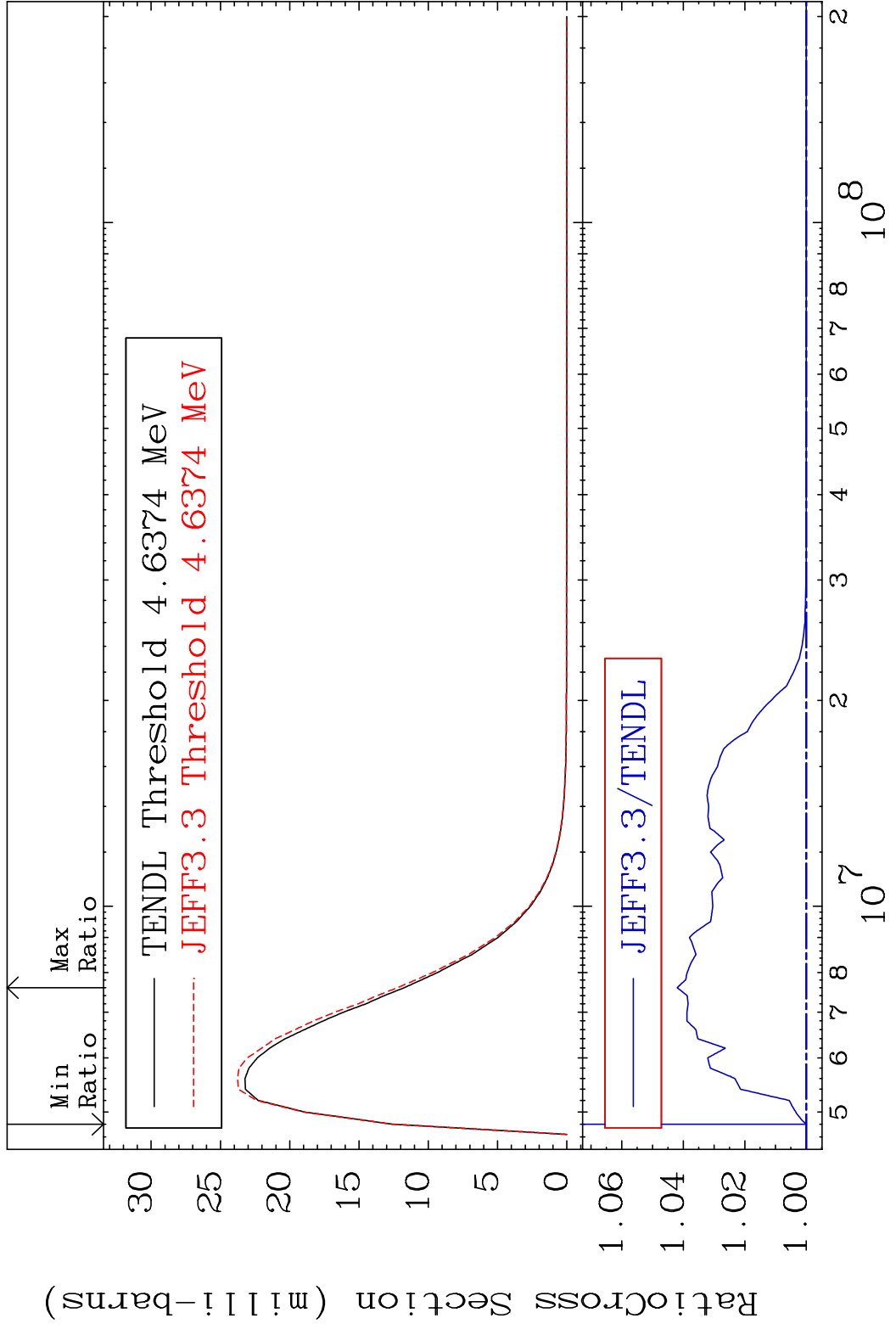


28 Incident Energy (eV) 19-K -39

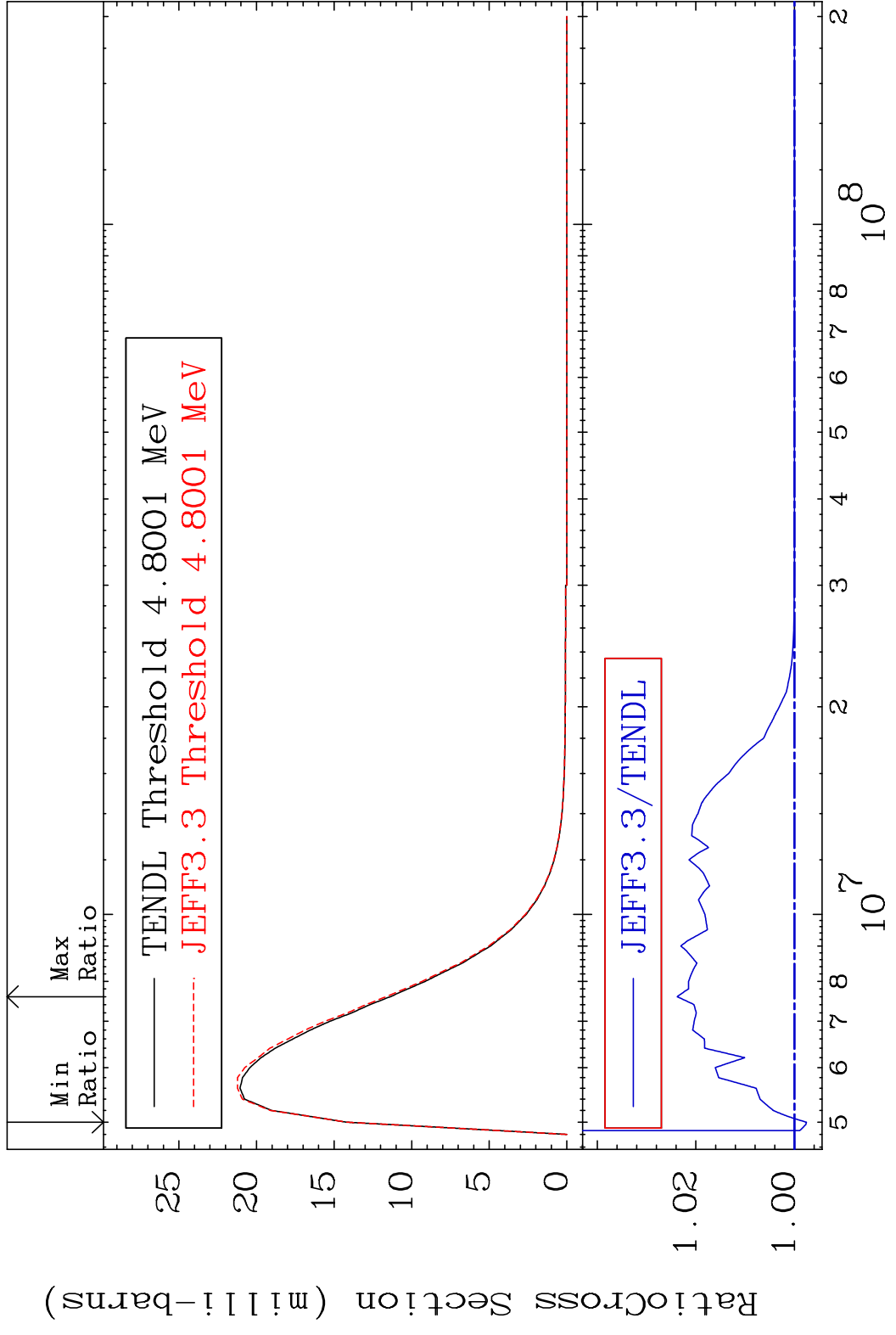
MAT 1925 MT= 62 (n, n') Level 19-K -39
 Cross Section -0.010 To 1.215 %



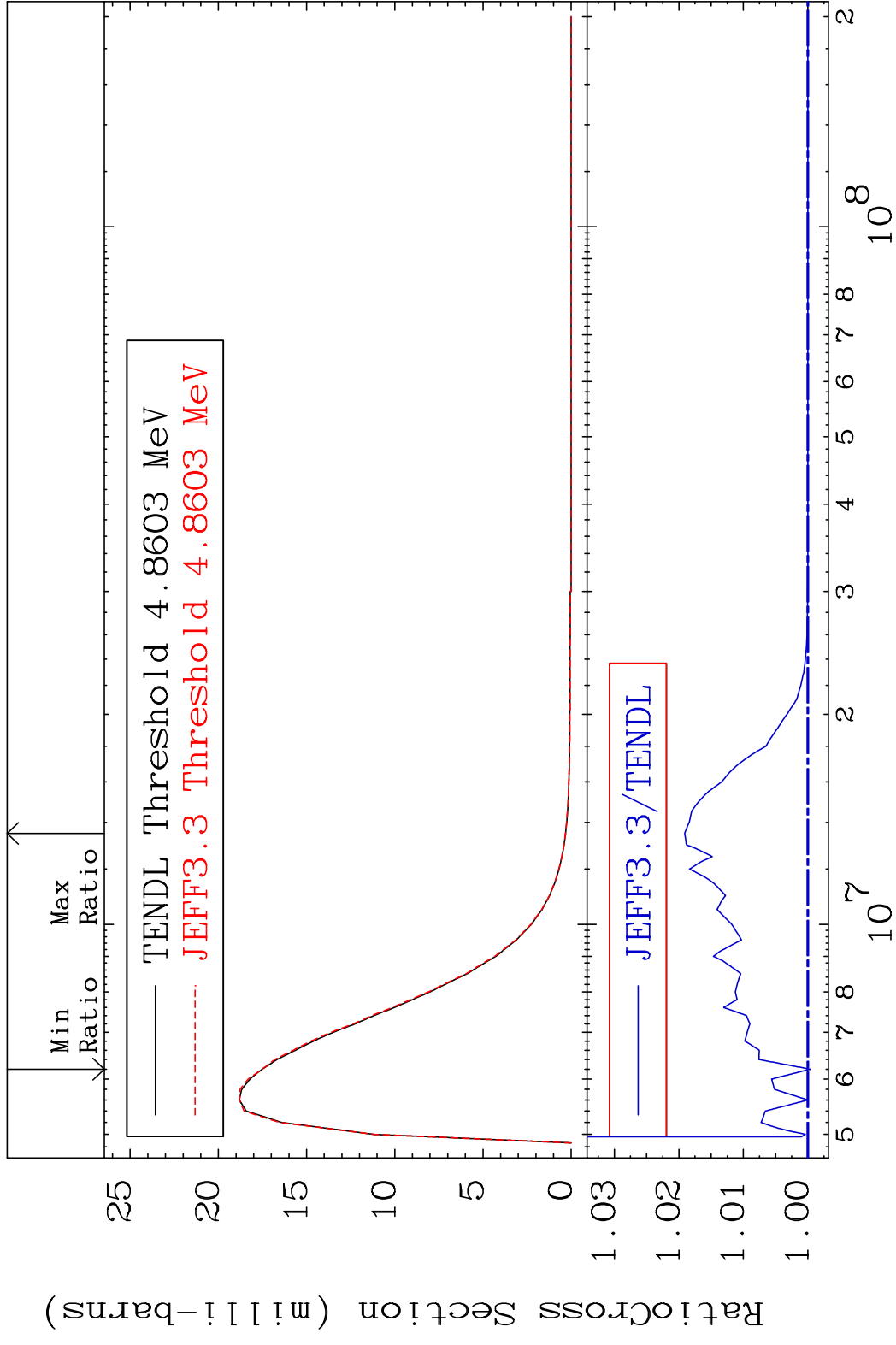
MAT 1925 MT= 63 (n,n') Level 19-K -39
 Cross Section -0.004 To 4.198 %



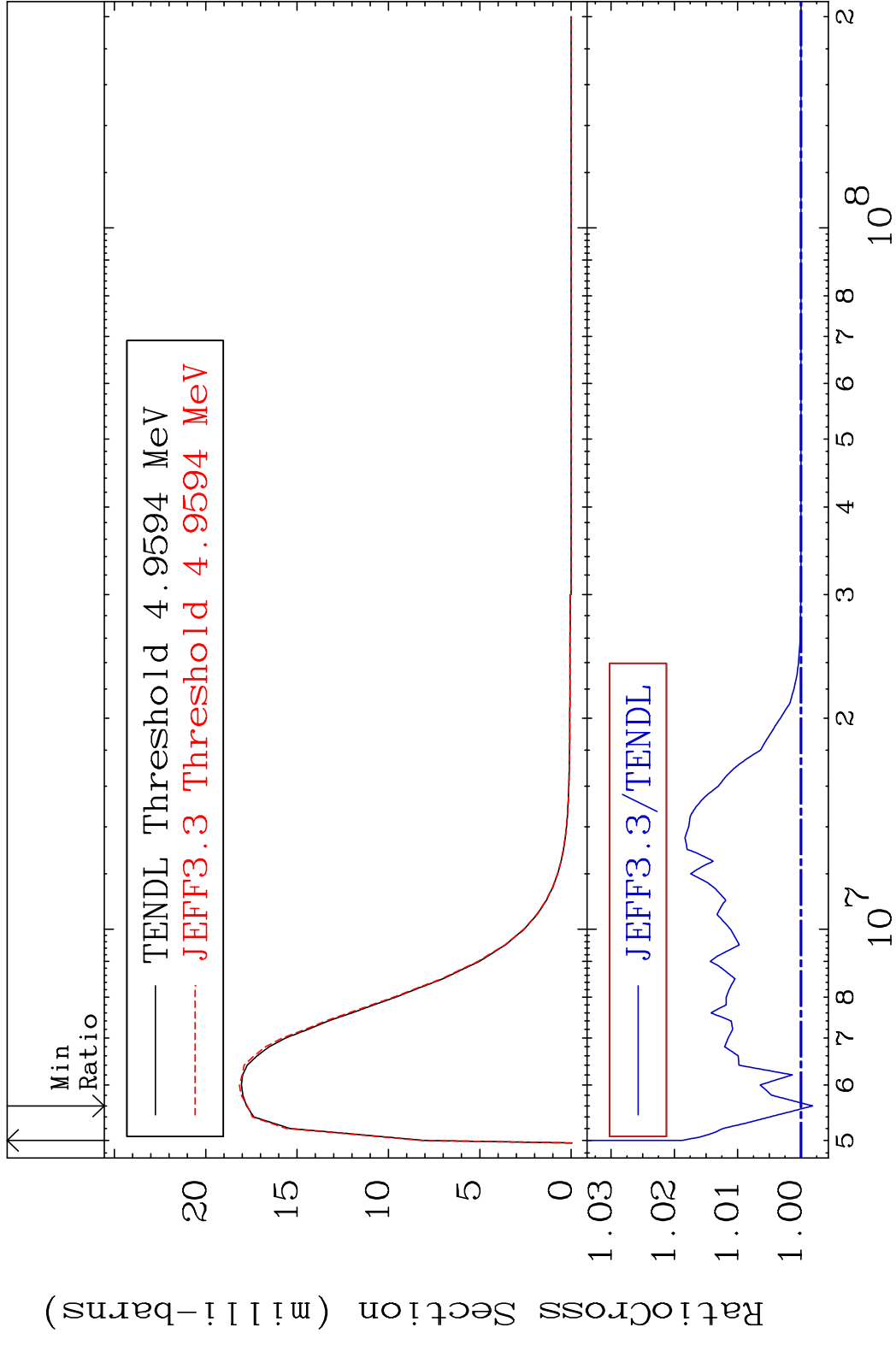
MAT 1925 MT= 64 (n, n') Level 19-K -39
 Cross Section -0.243 To 2.379 %



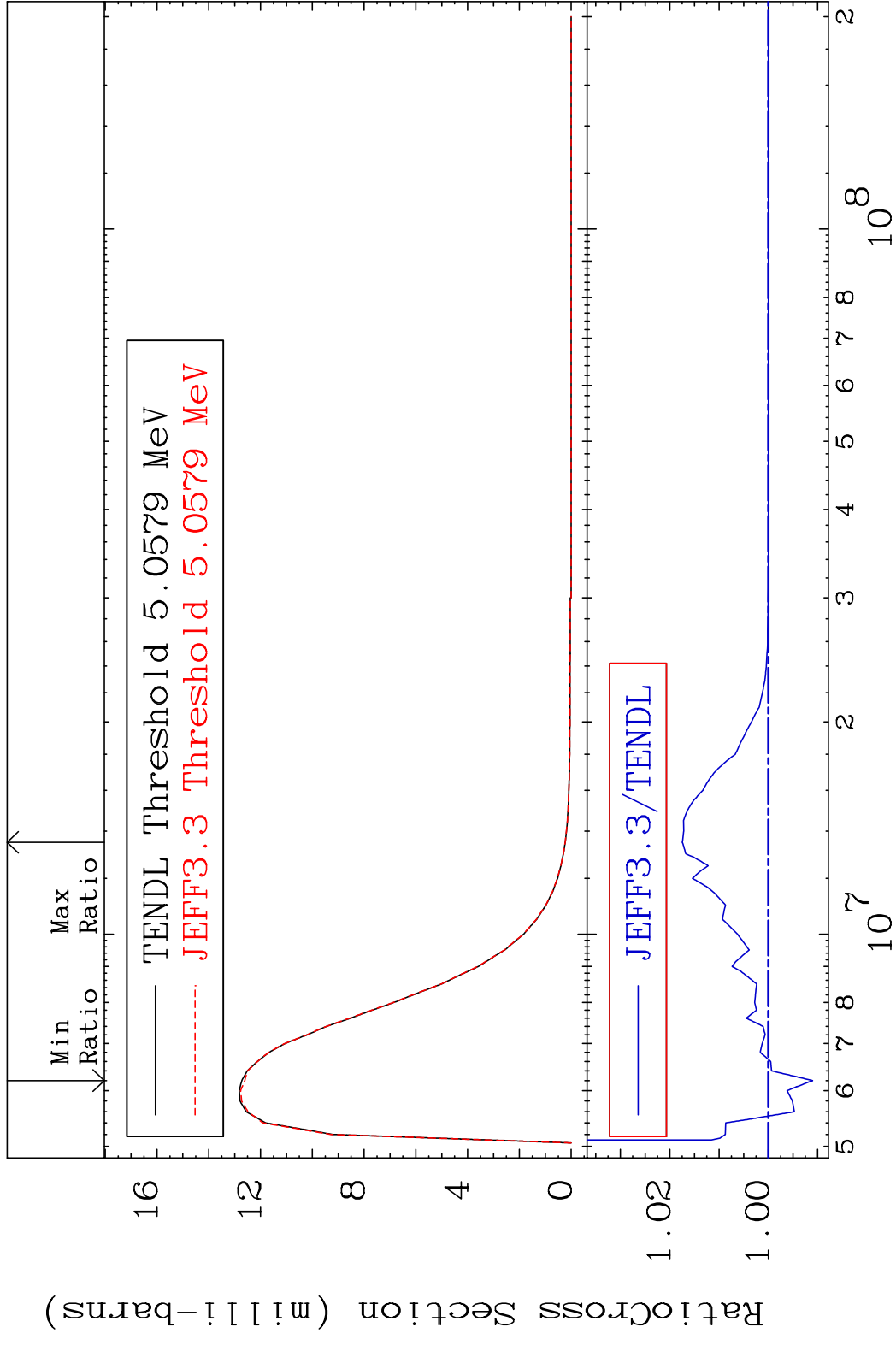
MAT 1925 MT= 65 (n,n') Level 19-K -39
 Cross Section -0.036 To 1.909 %



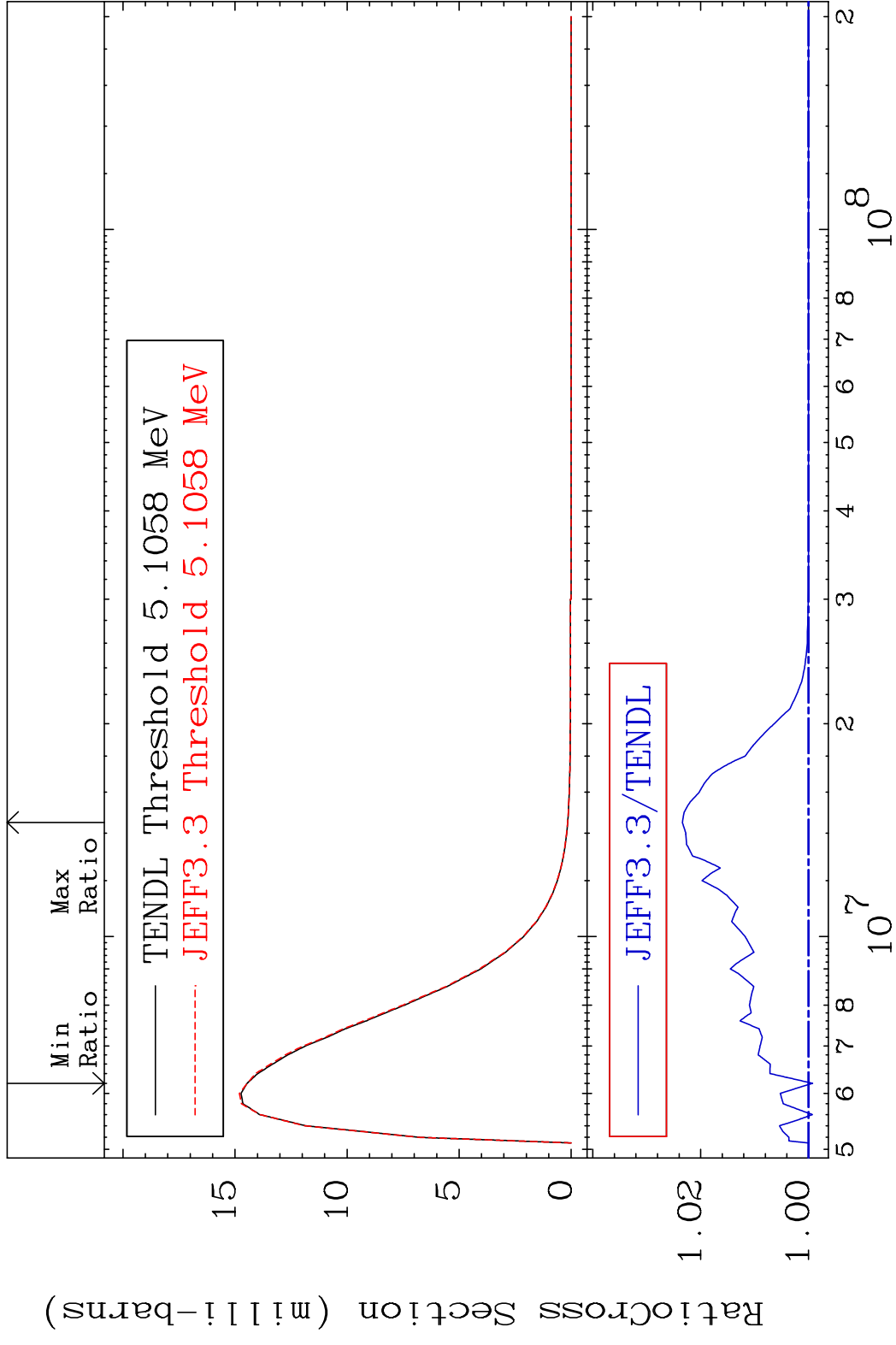
MAT 1925 MT= 66 (n,n') Level 19-K -39
 Cross Section -0.184 To 1.874 %



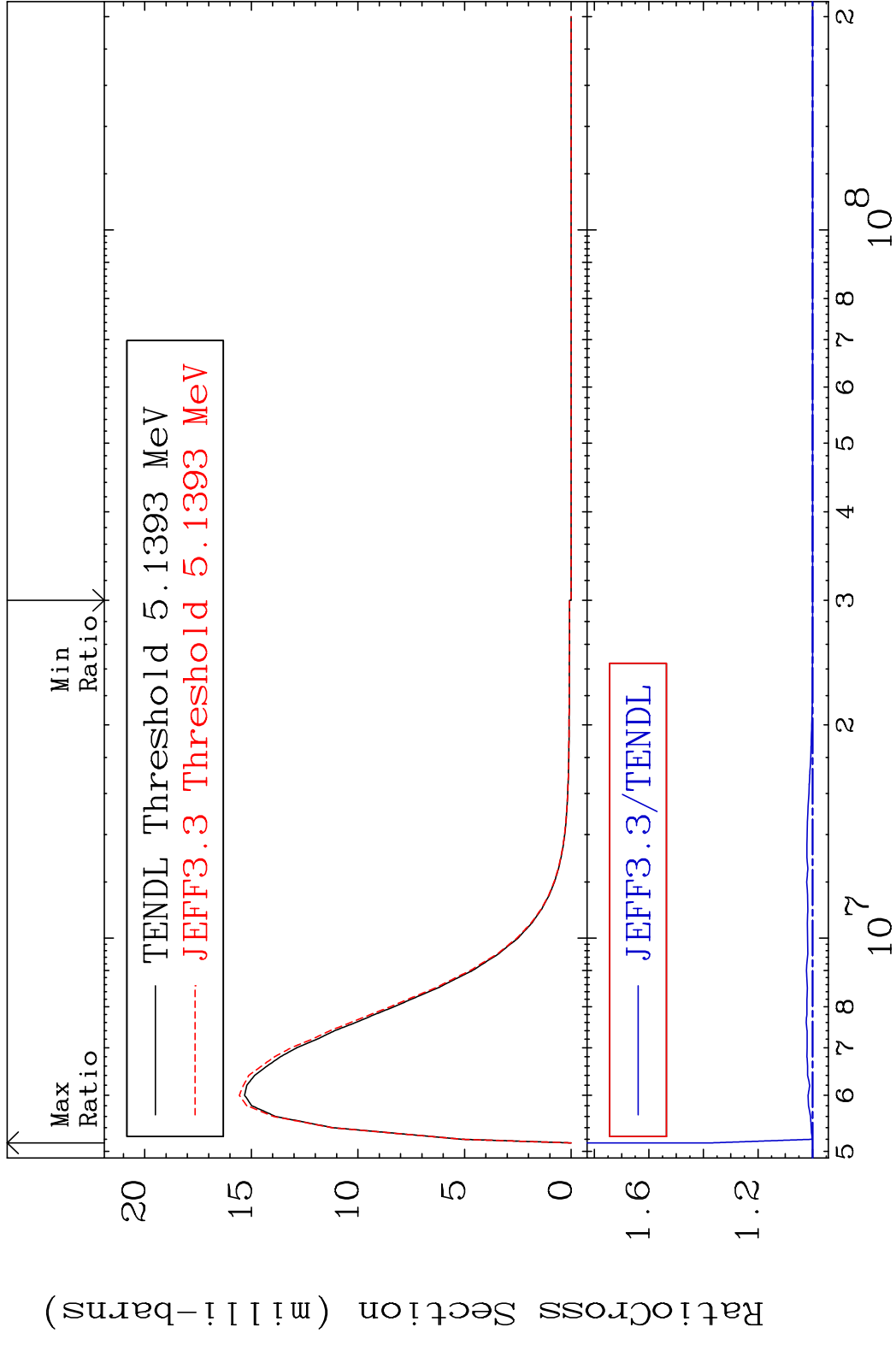
MAT 1925 MT= 67 (n,n') Level 19-K -39
 Cross Section -0.897 To 1.744 %



MAT 1925 MT= 68 (n,n') Level 19-K -39
 Cross Section -0.076 To 2.340 %



MAT 1925 MT= 69 (n,n') Level 19-K -39
 Cross Section 0.000 To 47.73 %

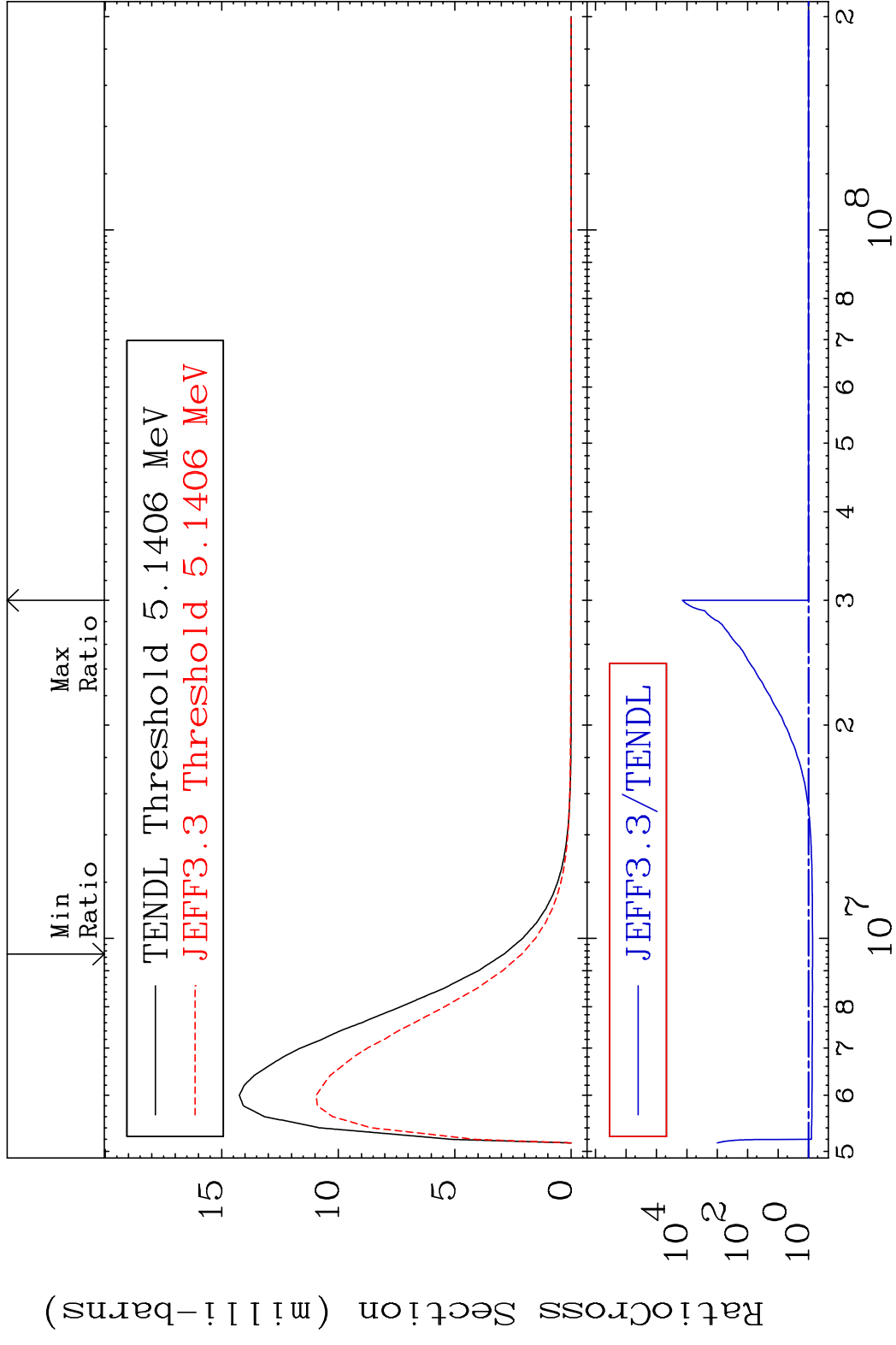


MAT 1925

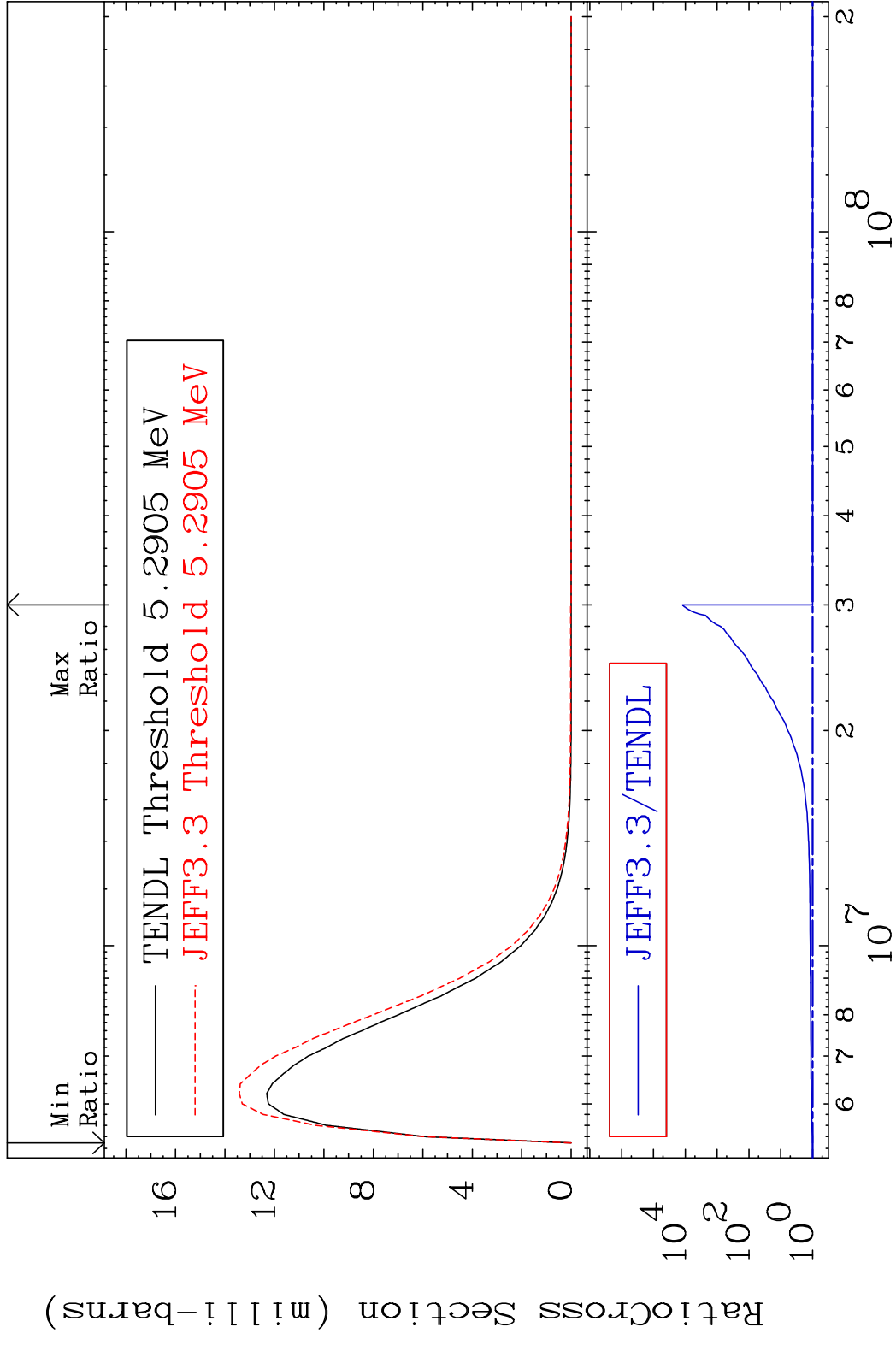
MT= 70 (n, n') Level

19-K -39

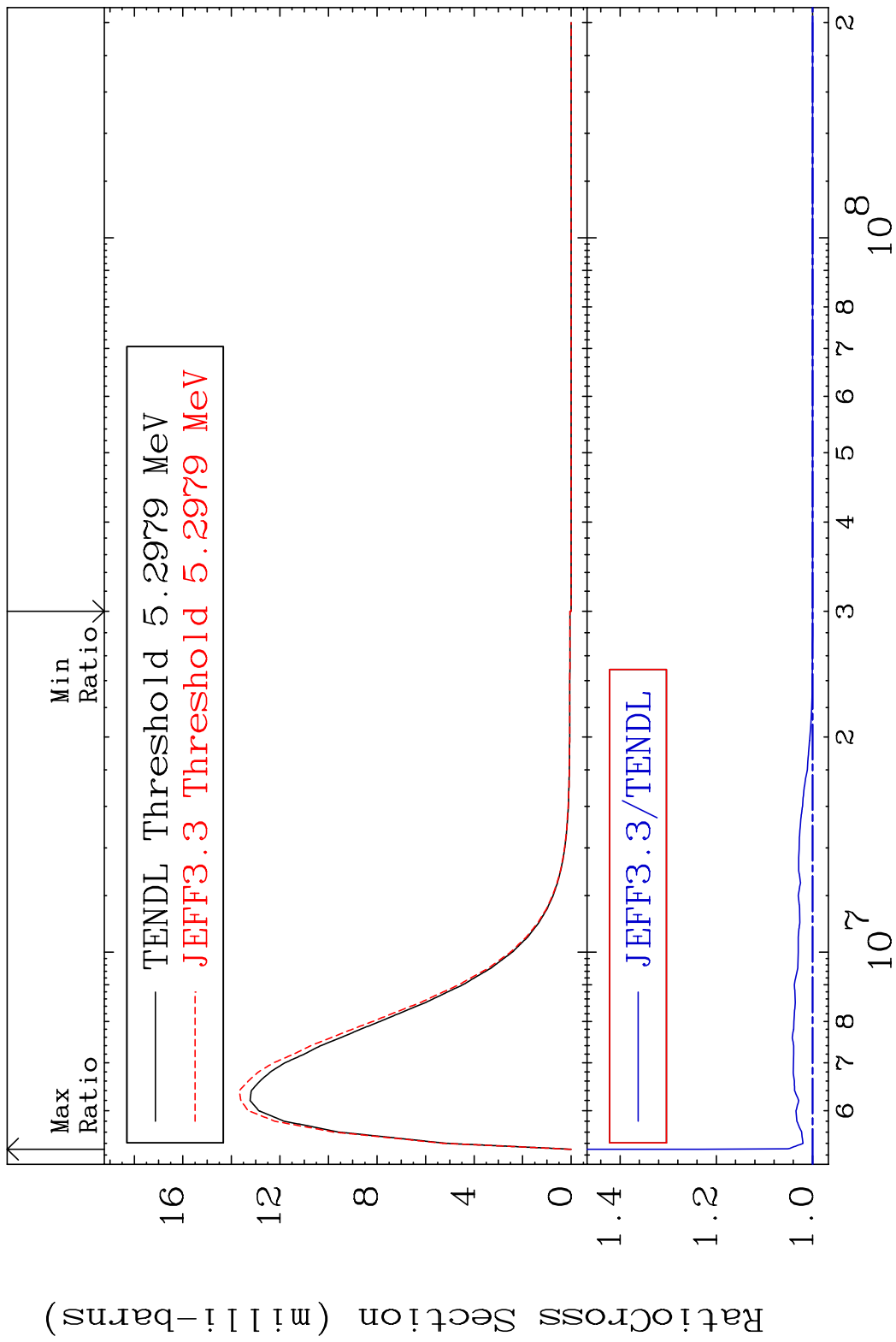
Cross Section -26.45 To 9999. %



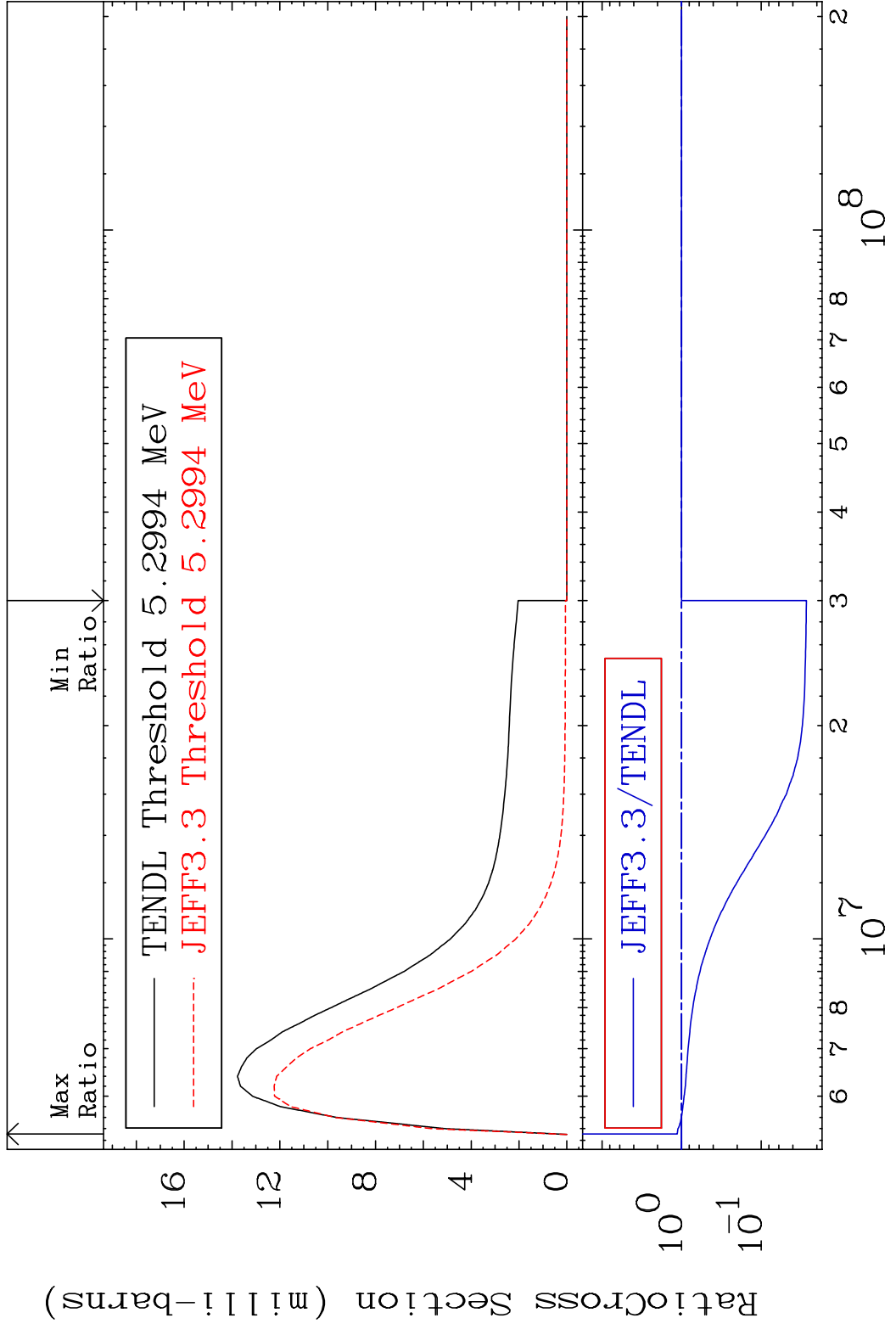
MAT 1925 MT= 71 (n,n') Level 19-K -39
 Cross Section 0.000 To 9999. %



MAT 1925 MT= 72 (n, n') Level 19-K -39
 Cross Section 0.000 To 27.06 %

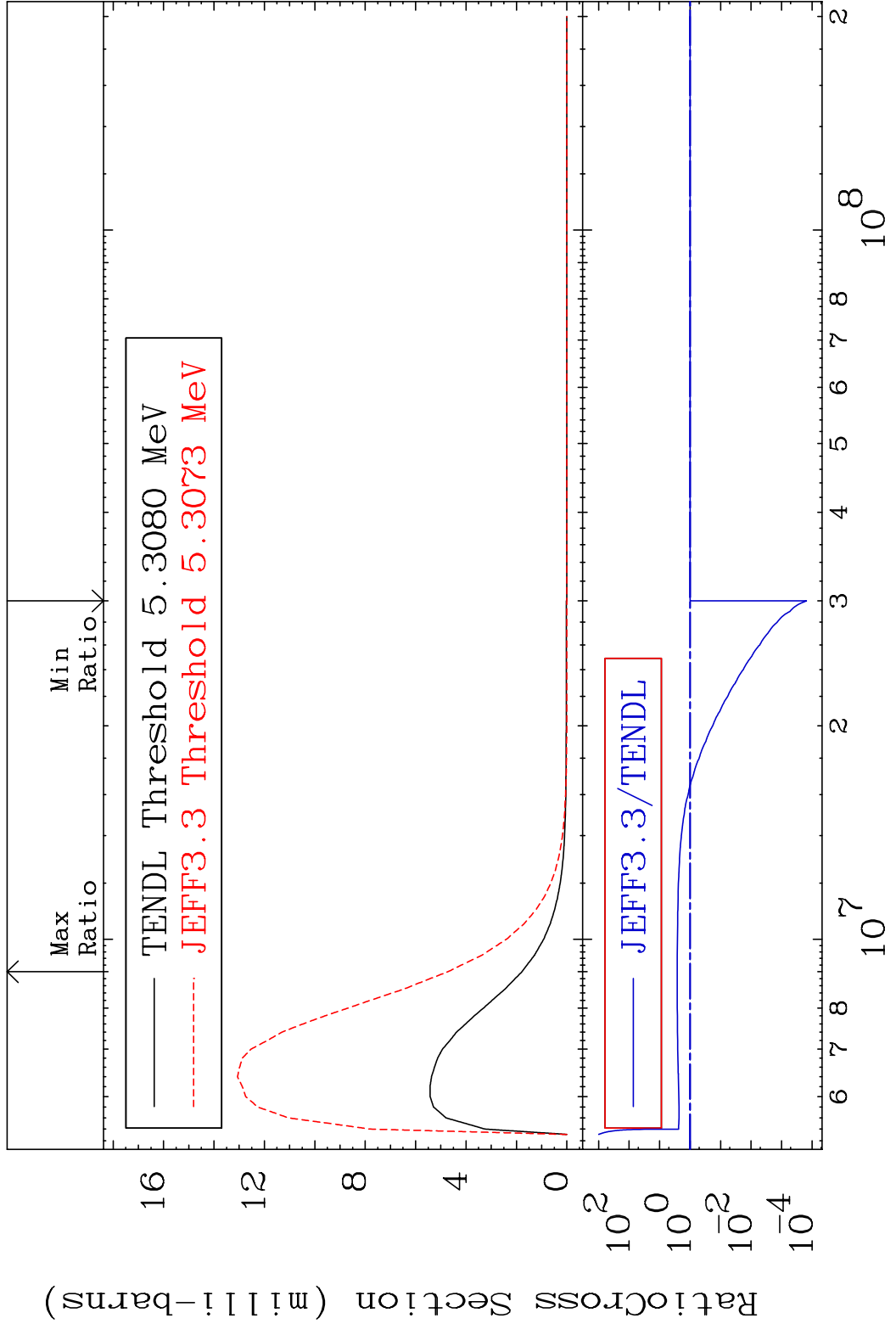


MAT 1925 MT= 73 (n, n') Level 19-K -39
 Cross Section -97.30 To 13.61 %

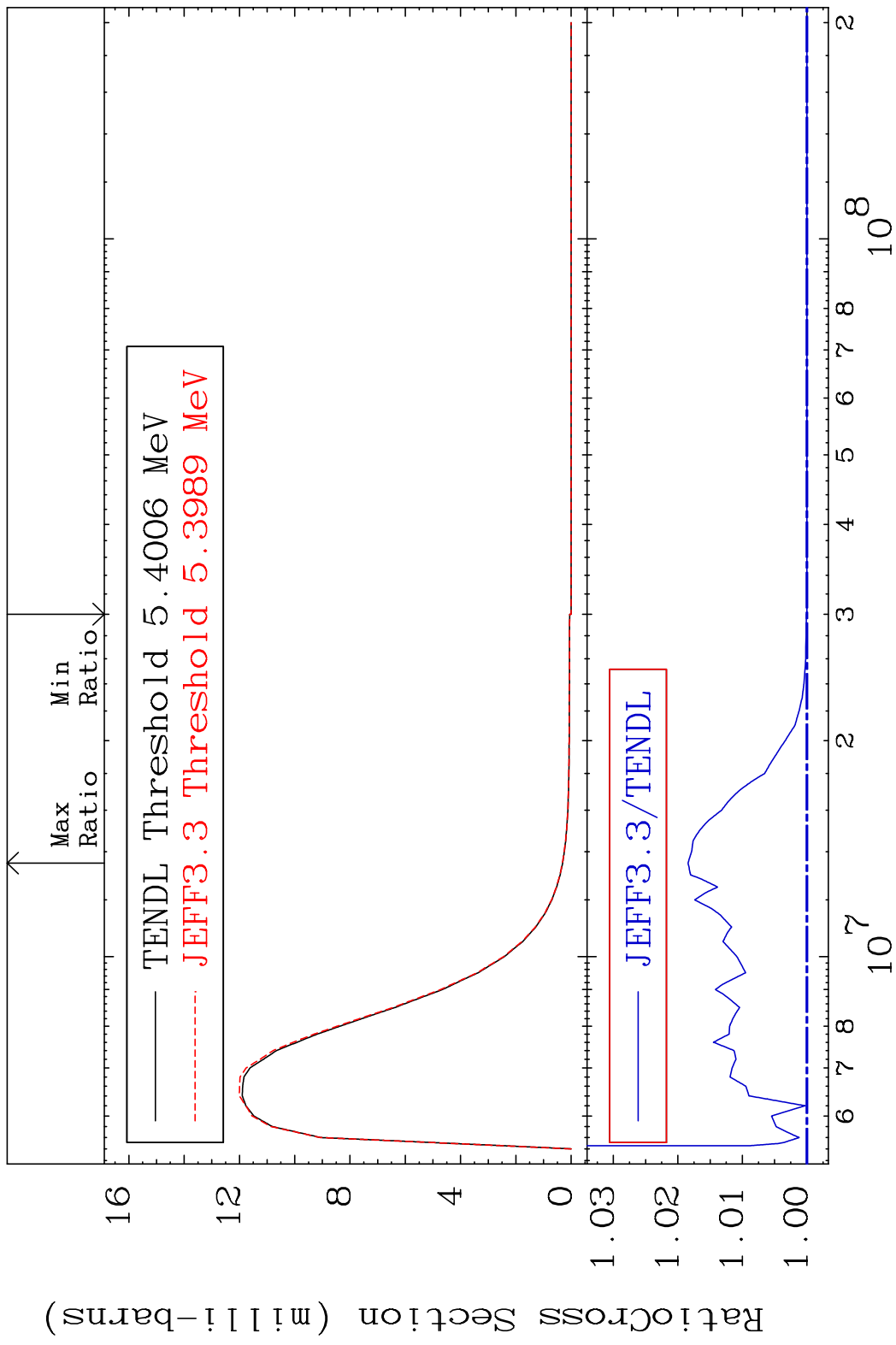


40 19-K -39

MAT 1925 MT= 74 (n,n') Level 19-K -39
 Cross Section -99.98 To 164.9 %

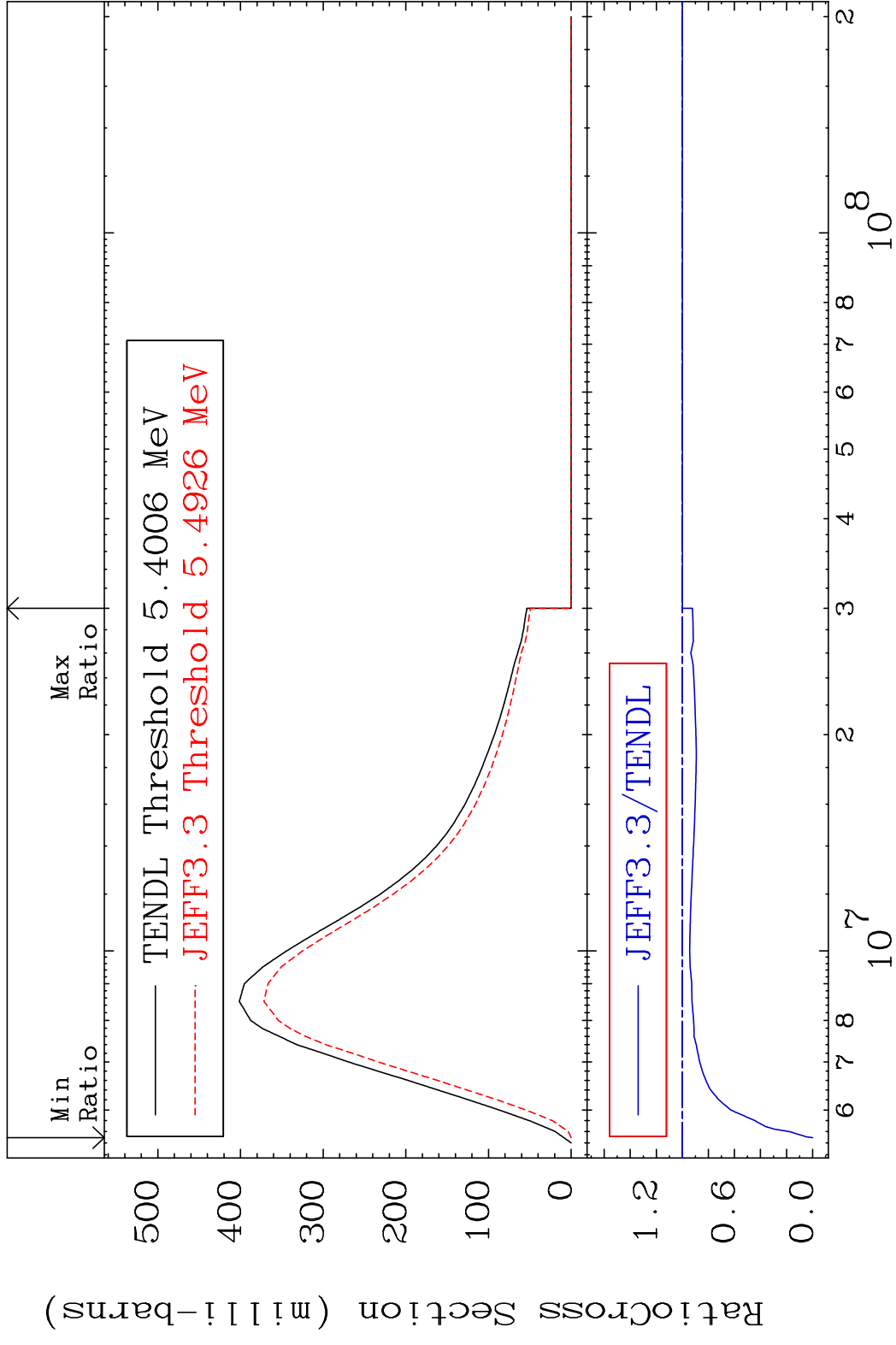


MAT 1925 MT= 75 (n,n') Level 19-K -39
 Cross Section 0.000 To 1.842 %



42 19-K -39

MAT 1925 (n, n') Continuum 19-K -39
 Cross Section -100.0 To 0.000 %

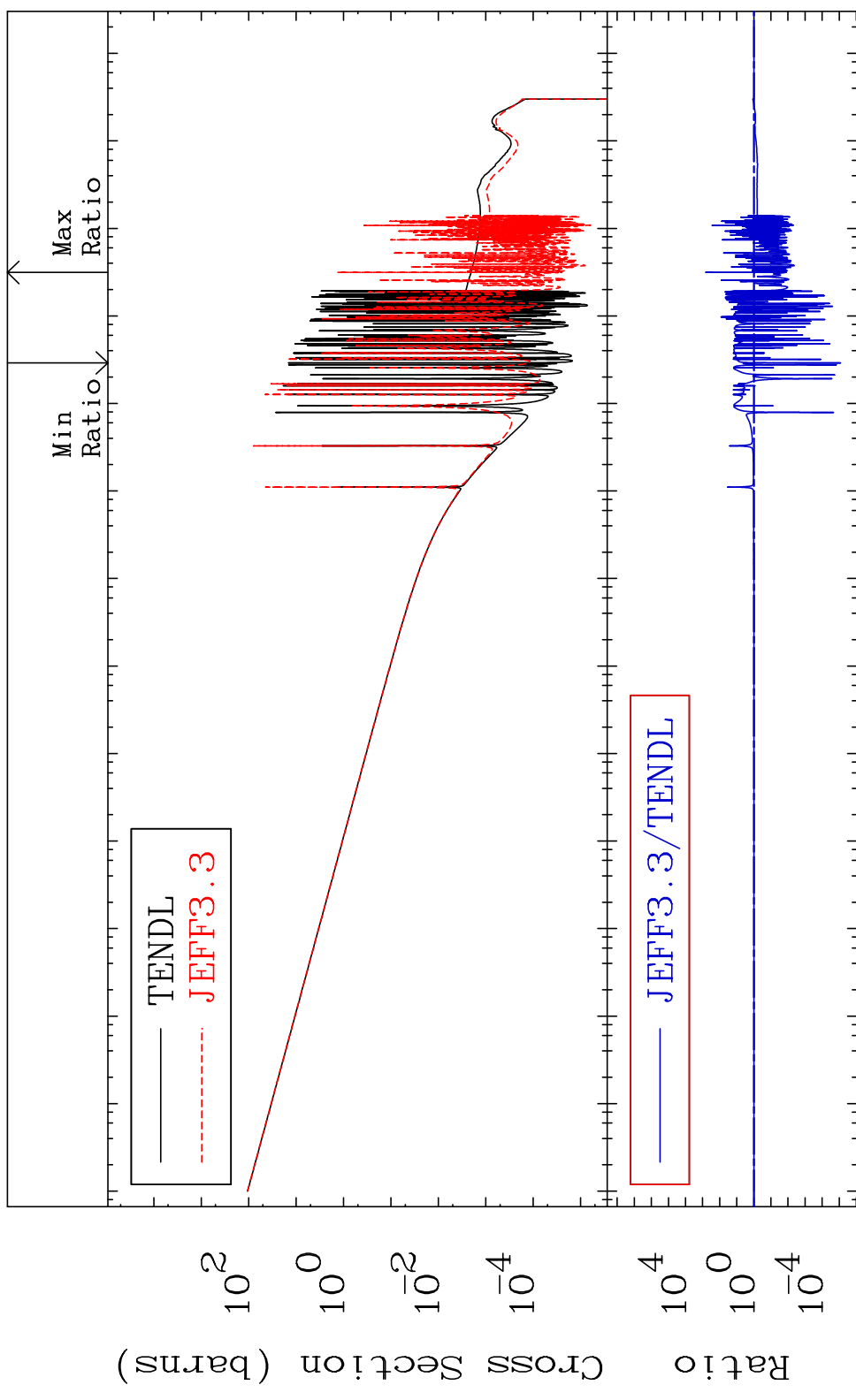


MAT 1925

(n, γ)

19-K -39

Cross Section -100.0 To 9999. %

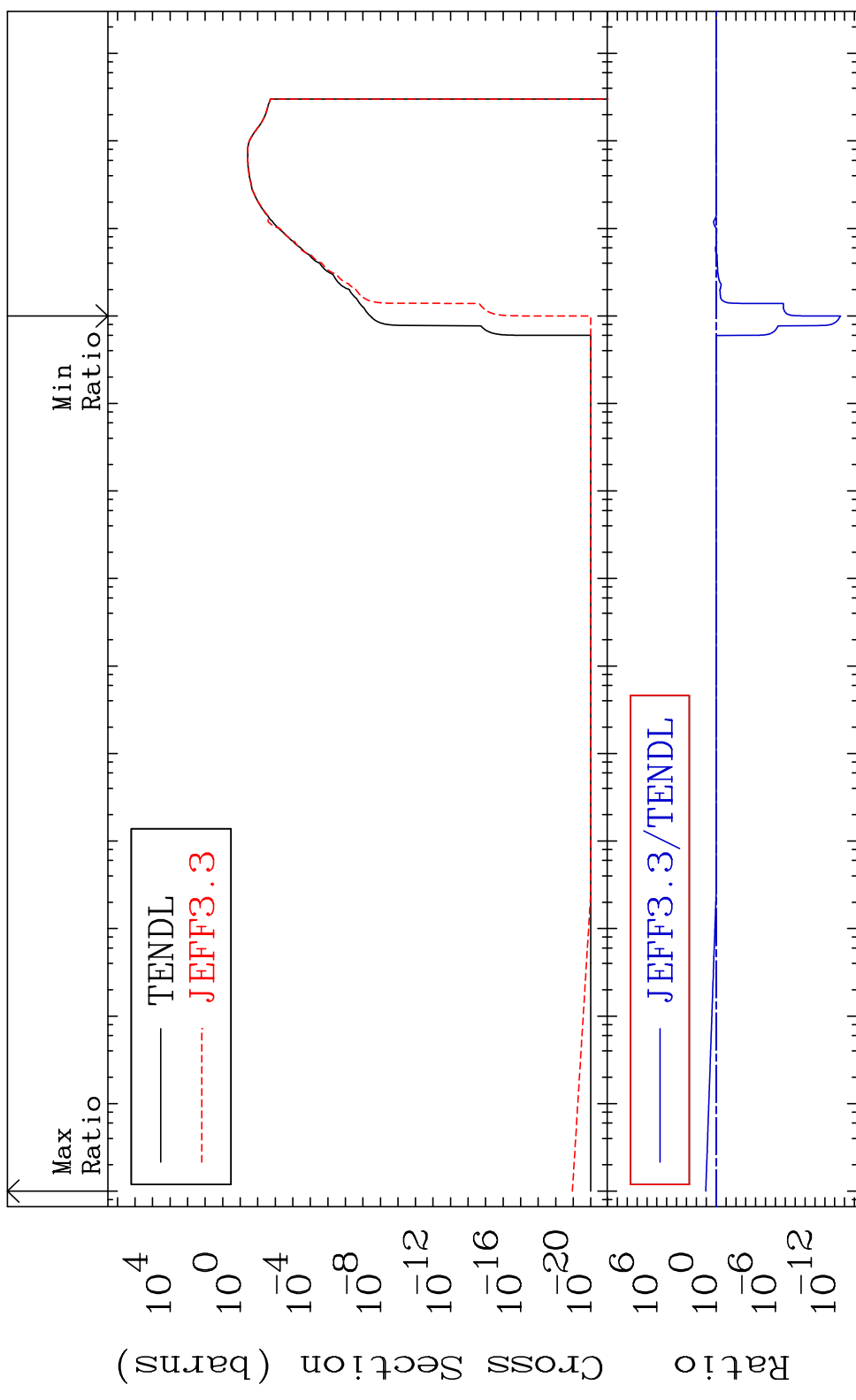


MAT 1925

(n,p)

19-K -39

Cross Section -100.0 To 1019. %

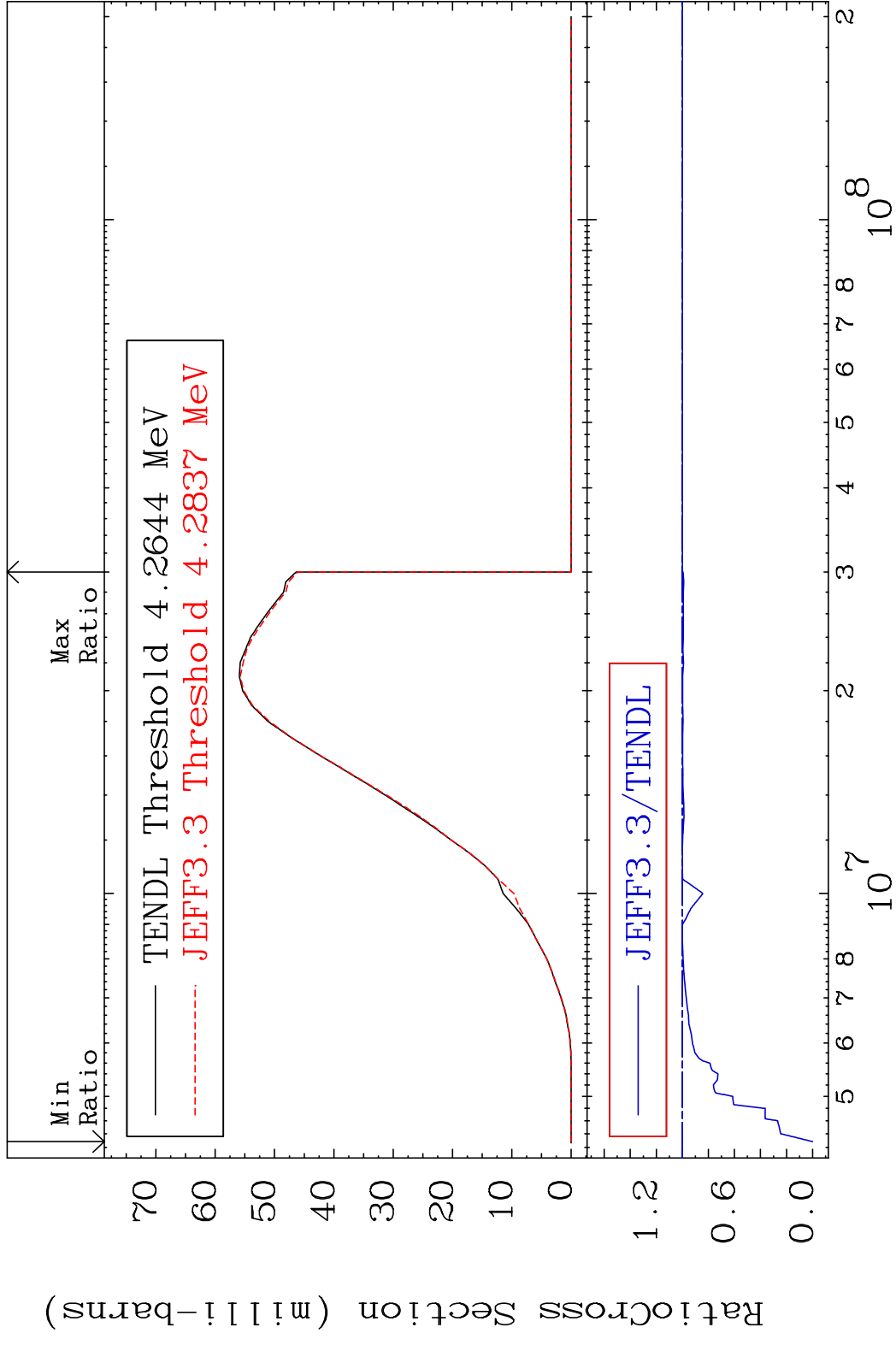


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Incident Energy (eV)

19-K -39

MAT 1925 (n,d) 19-K -39
 Cross Section -100.0 To 0.000 %

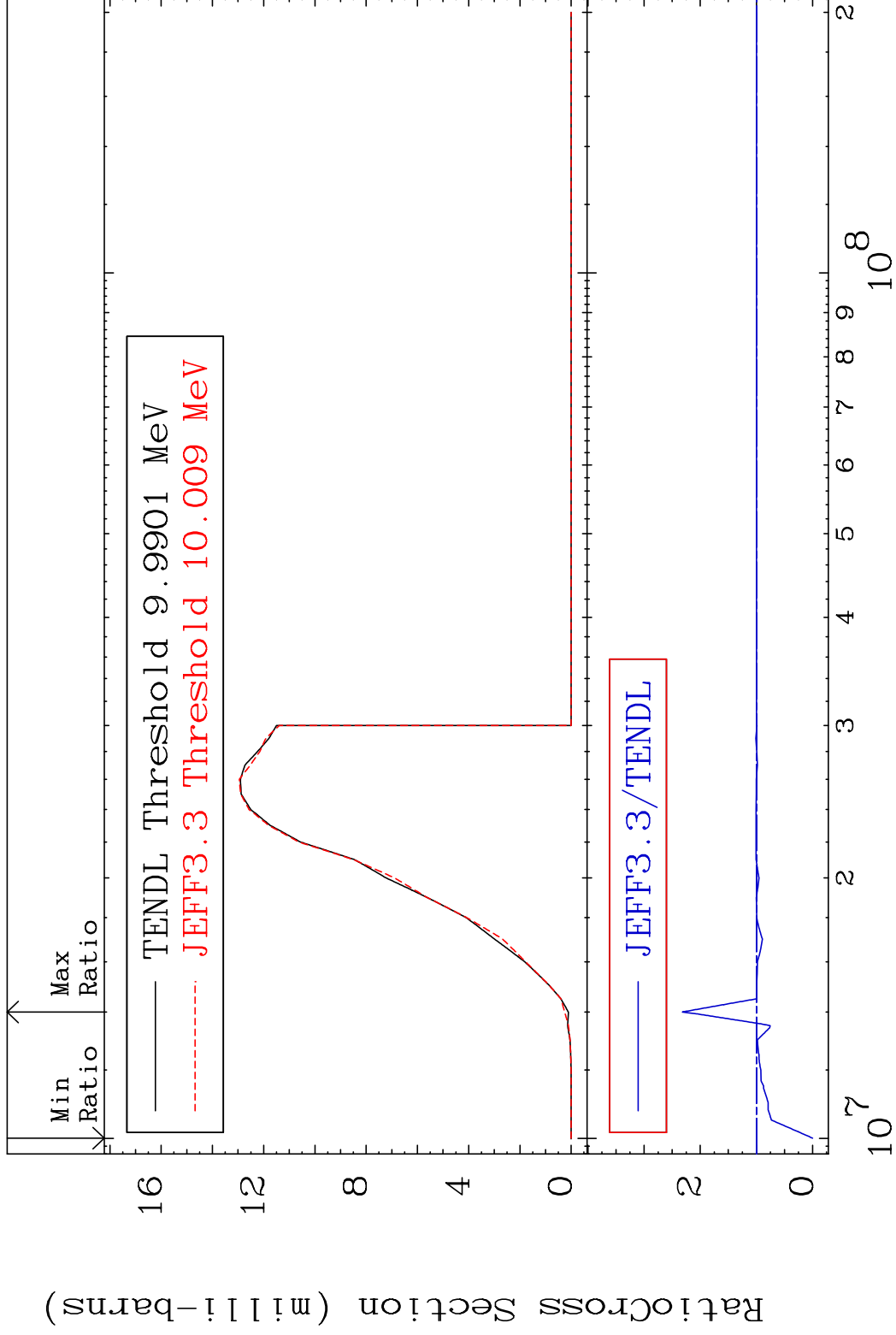


MAT 1925

(n, t)

19-K -39

Cross Section -100.0 To 131.8 %



47

Incident Energy (eV)

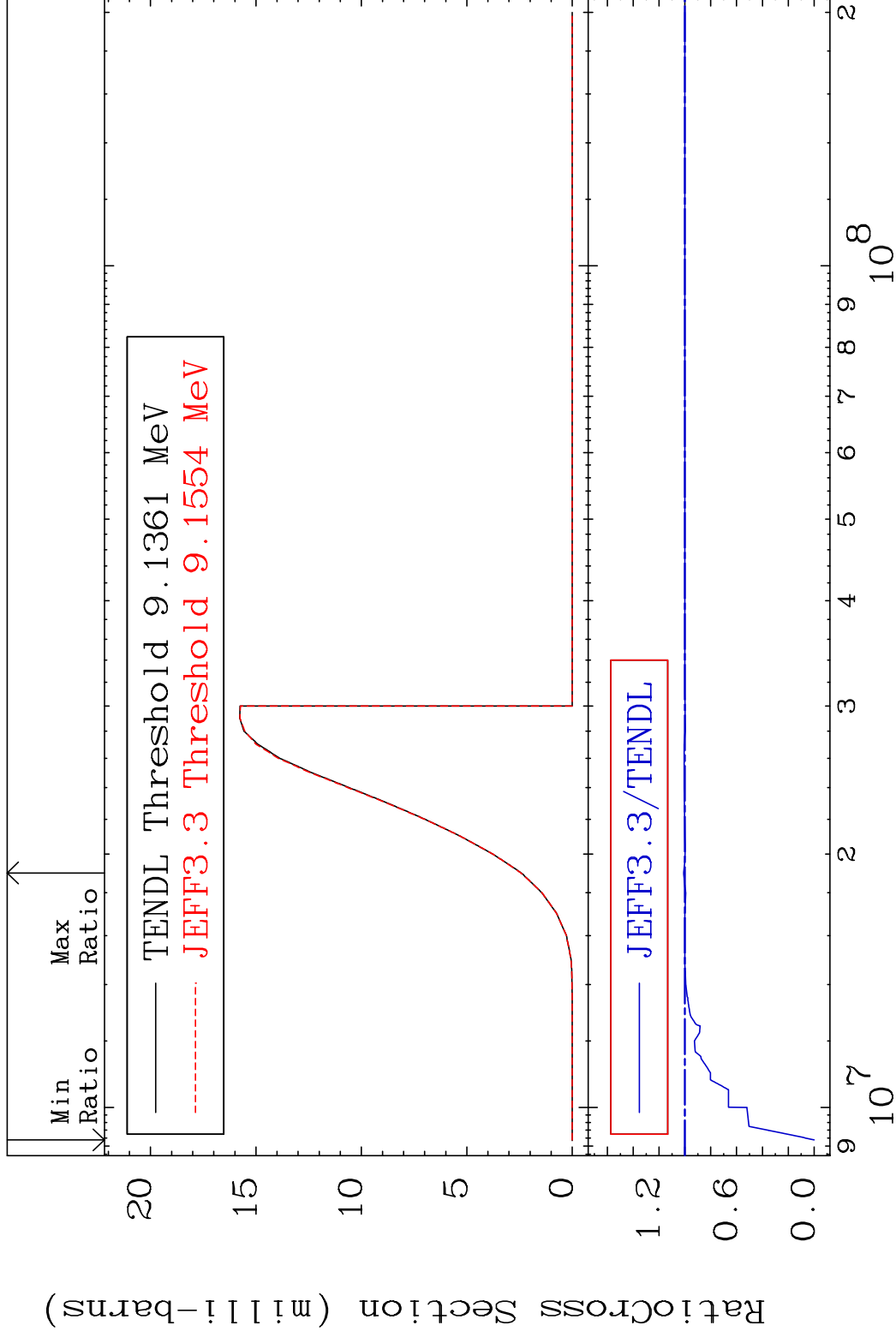
19-K -39

MAT 1925

(n, He-3)

19-K -39

Cross Section -100.0 To 0.964 %



48

Incident Energy (eV)

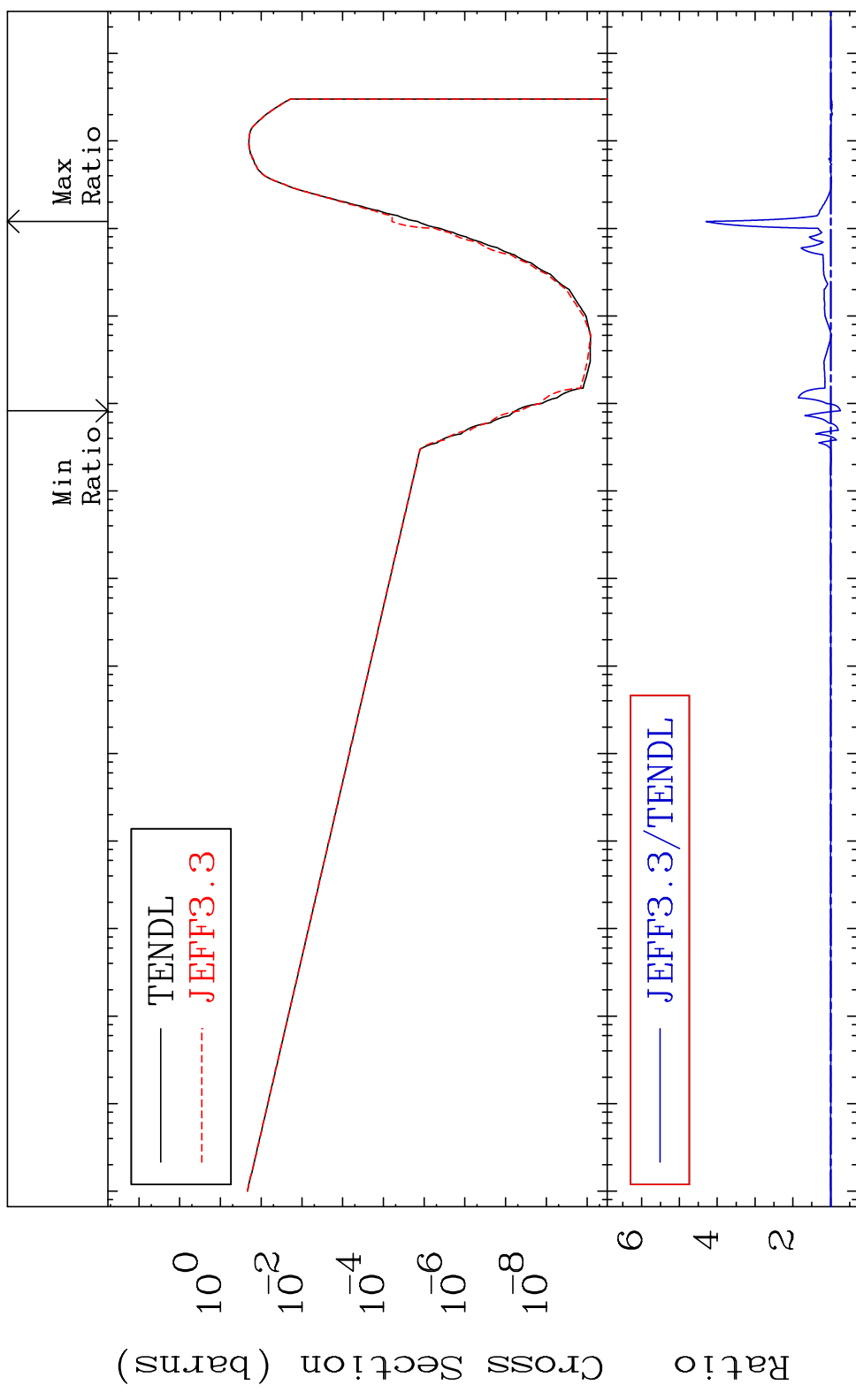
19-K -39

MAT 1925

(n, α)

19-K -39

Cross Section -25.70 To 330.3 %



49

Incident Energy (eV)

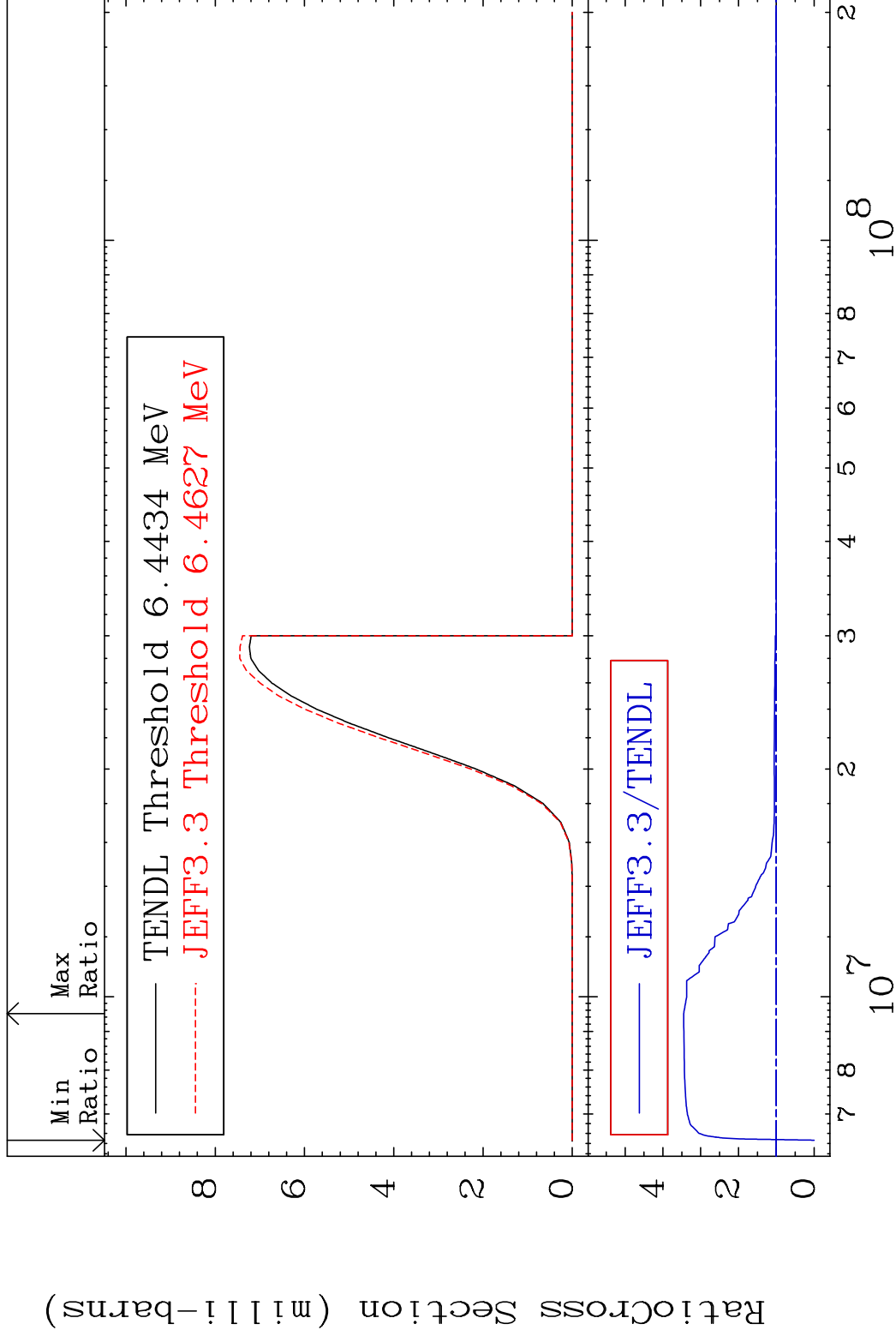
19-K -39

MAT 1925

(n, 2α)

19-K -39

Cross Section -100.0 To 245.1 %

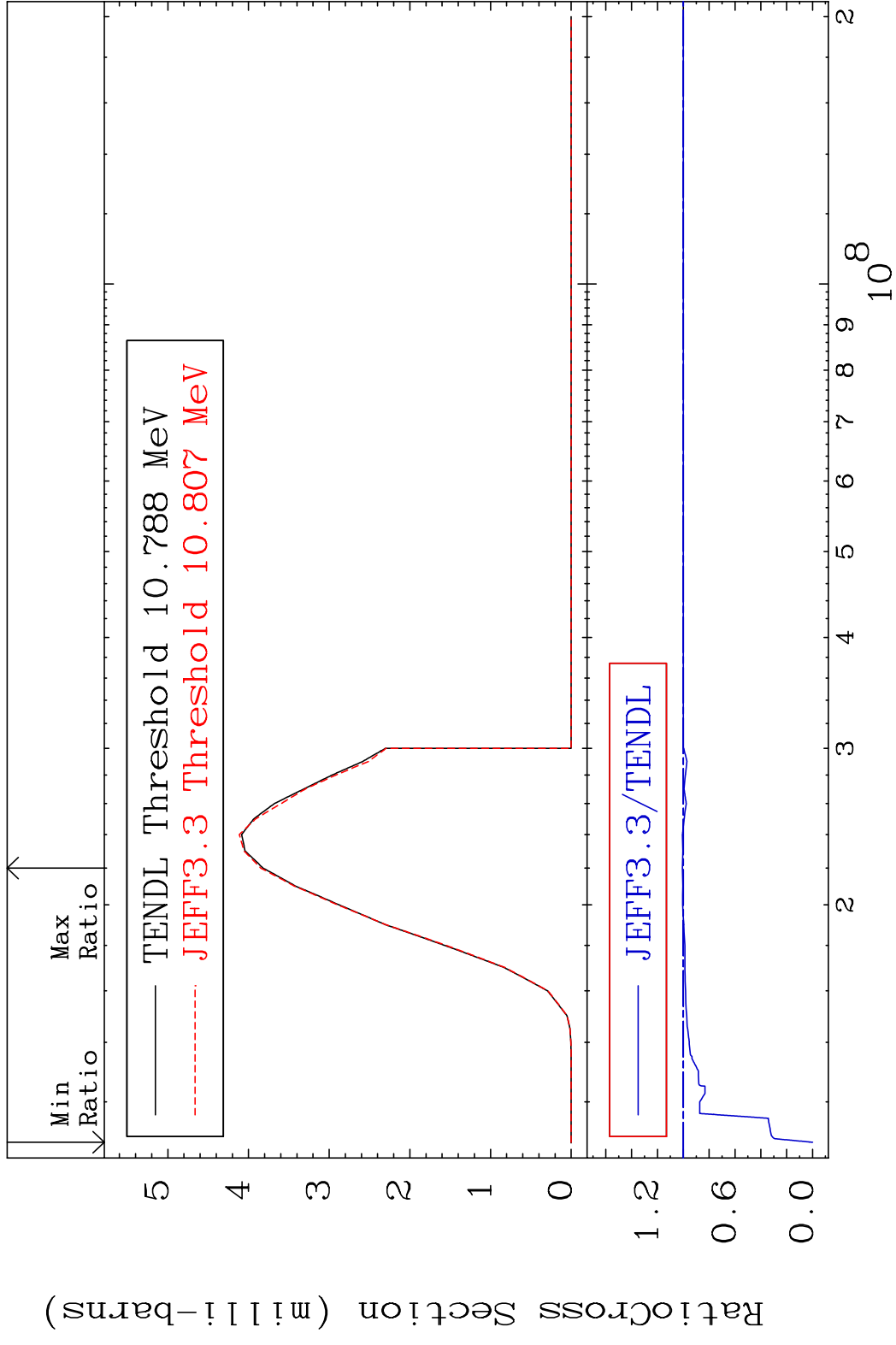


50

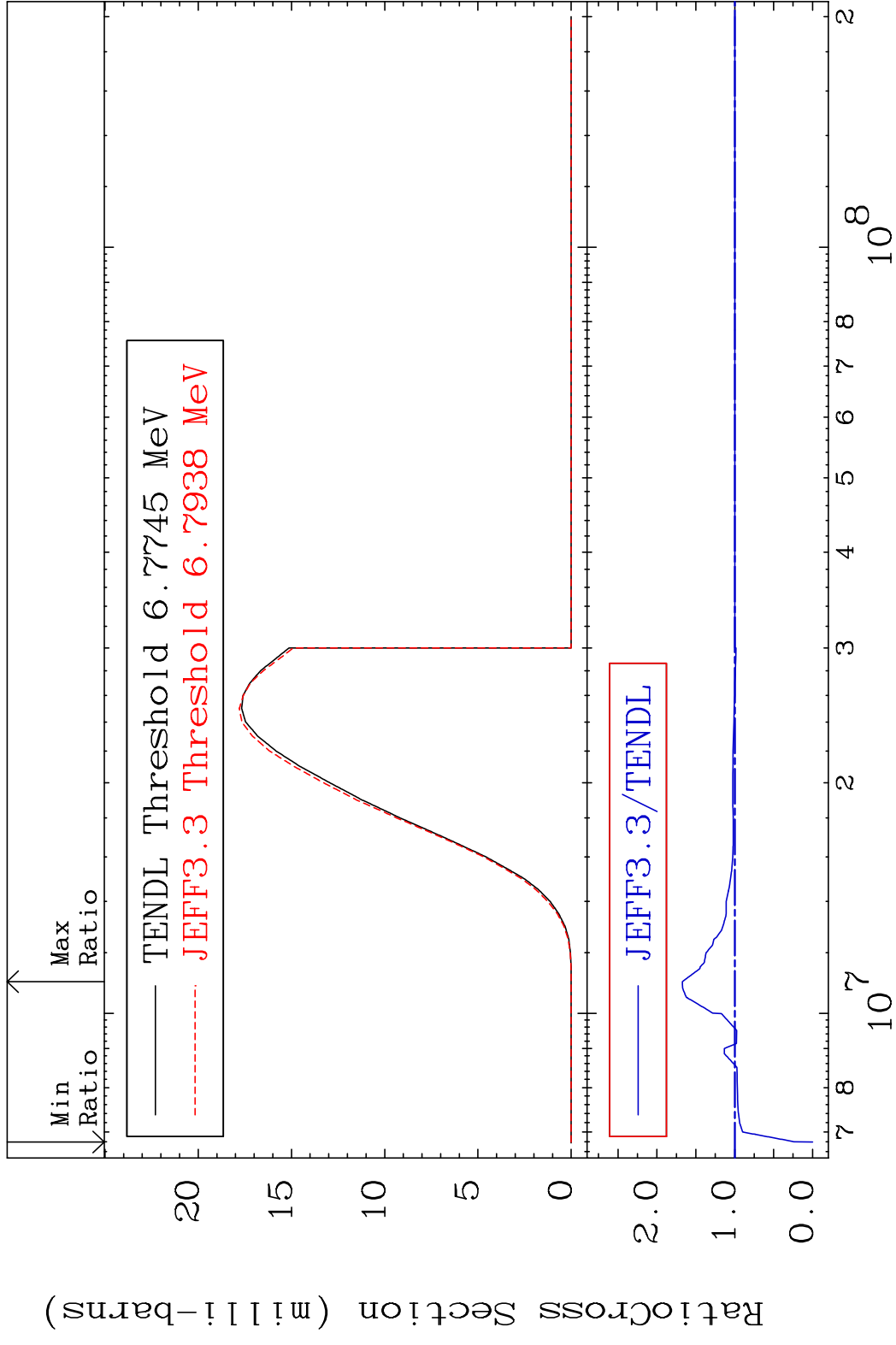
Incident Energy (eV)

19-K -39

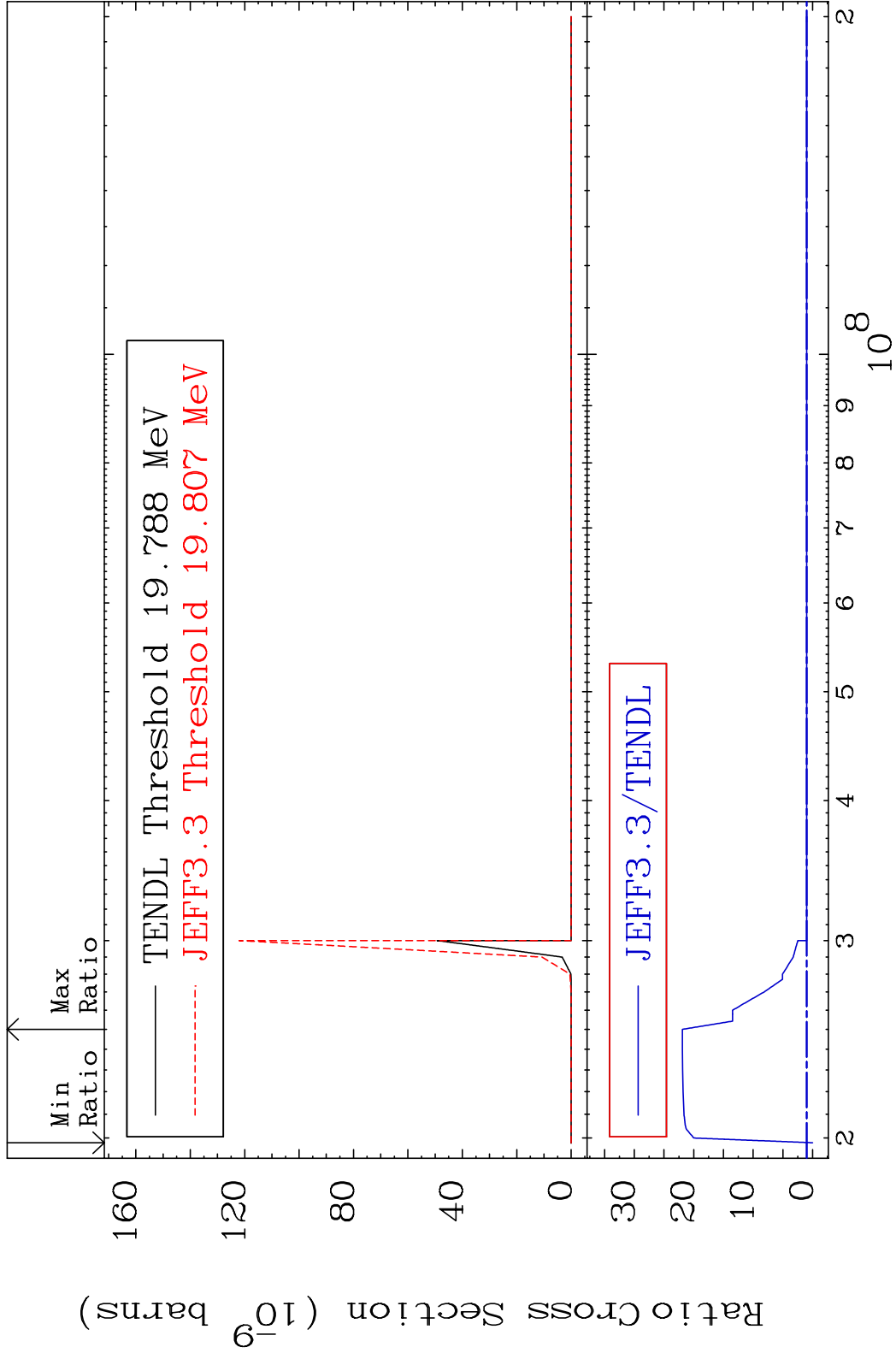
MAT 1925 (n,2p) 19-K -39
 Cross Section -100.0 To 0.759 %



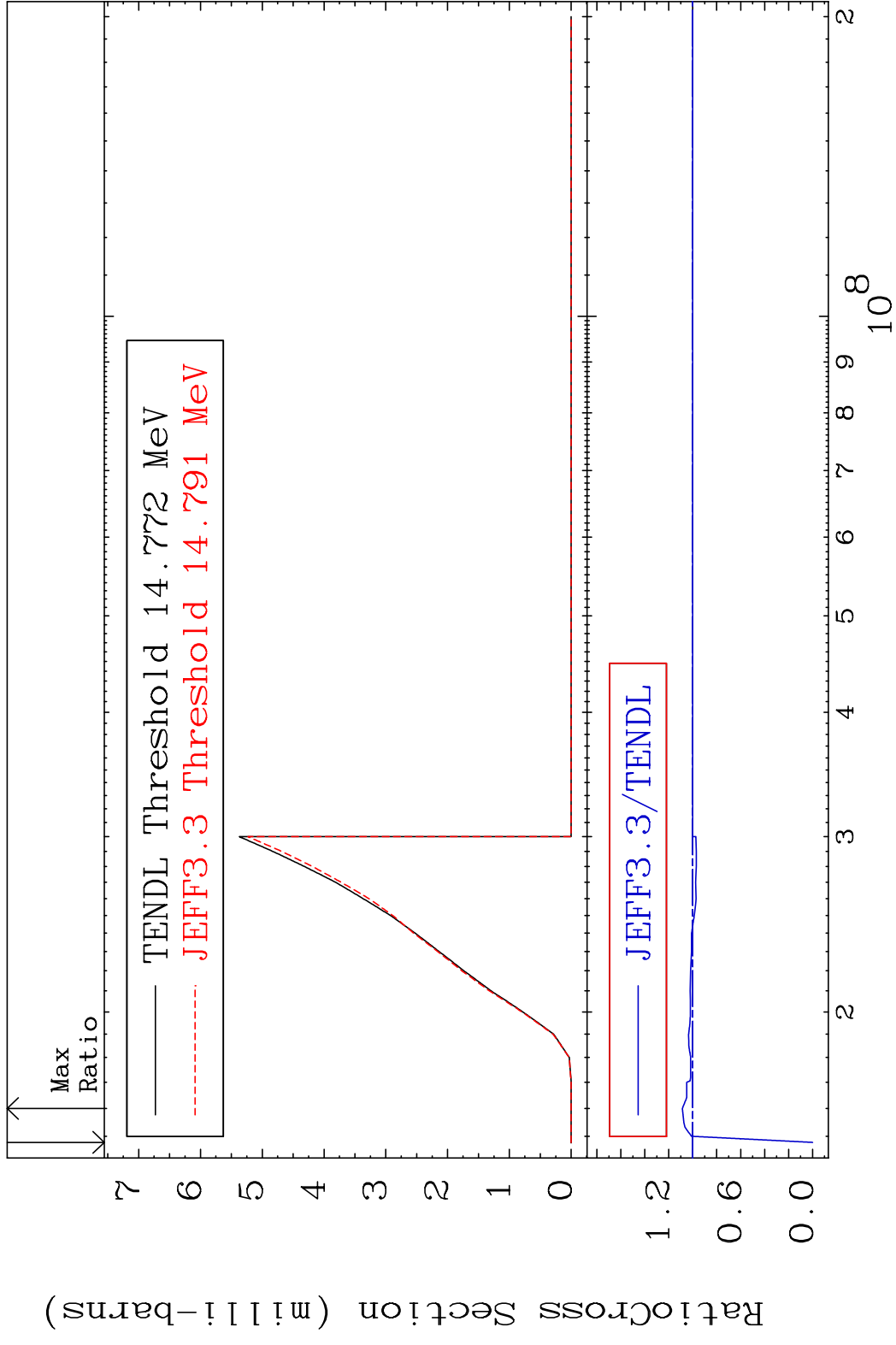
MAT 1925 (n,p) α 19-K -39
 Cross Section -100.0 To 67.32 %



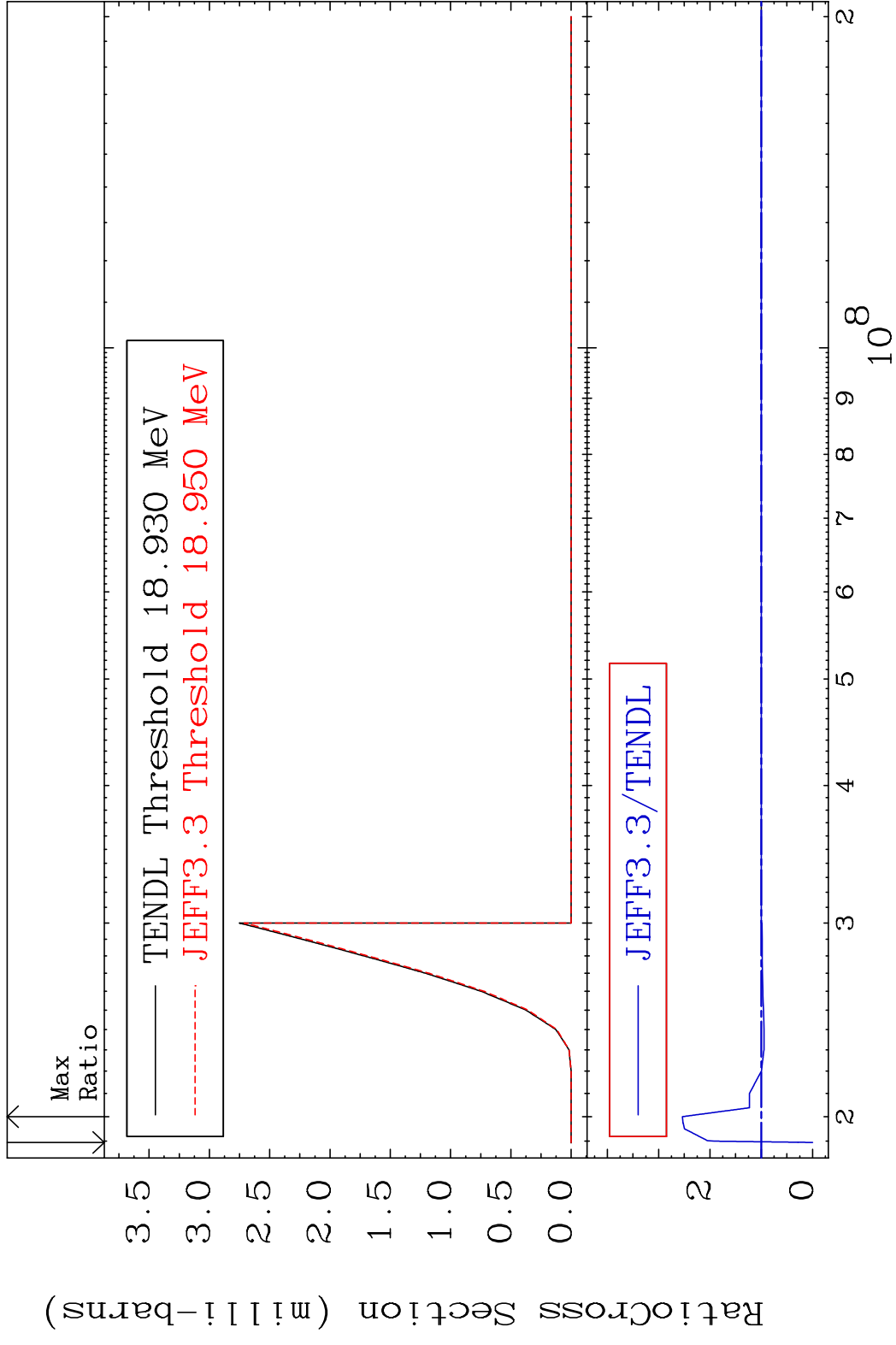
MAT 1925 (n,d) 2α 19-K -39
 Cross Section -100.0 To 2092. %



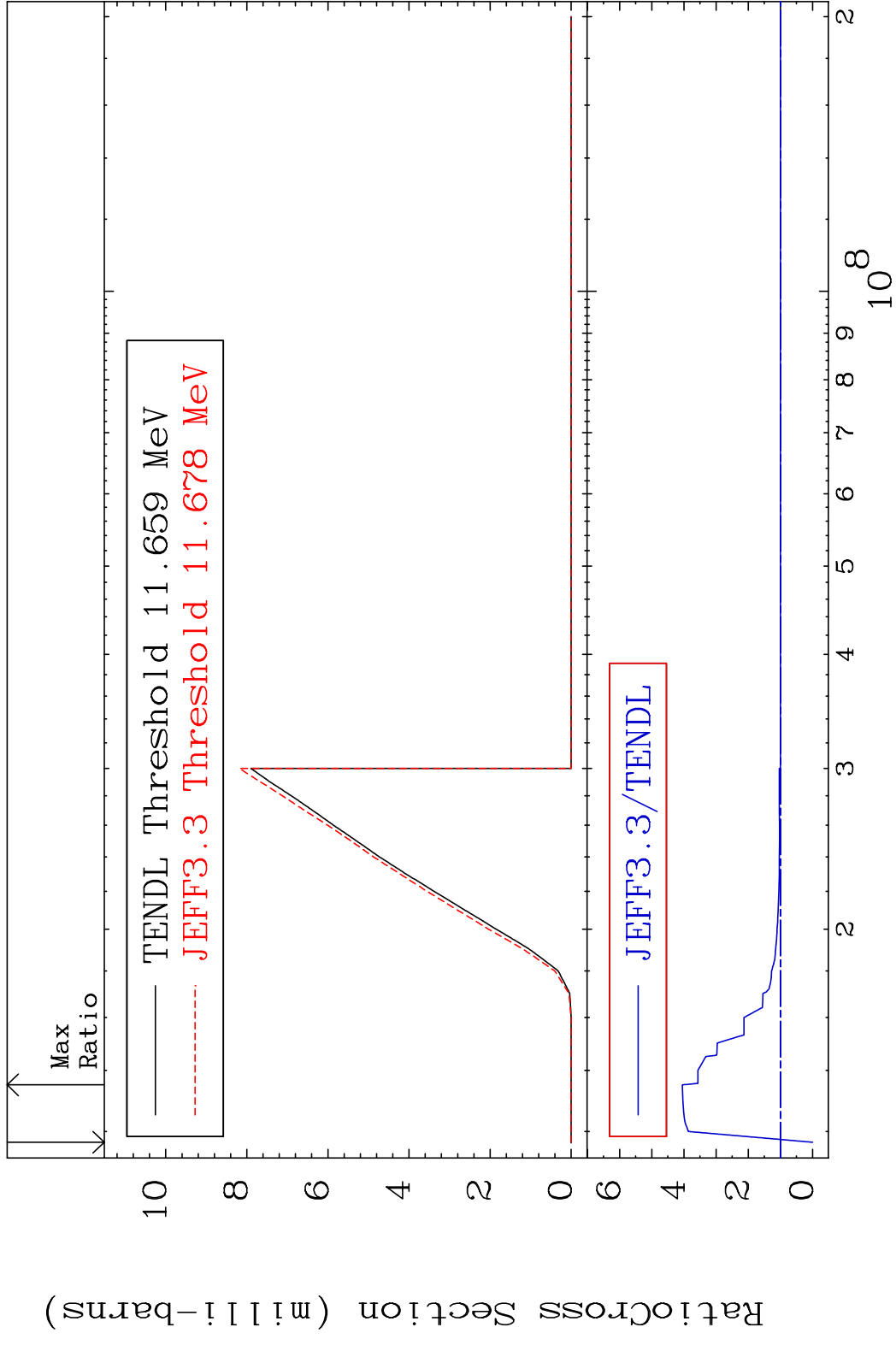
MAT 1925 (n,p) d 19-K -39
 Cross Section -100.0 To 8.672 %

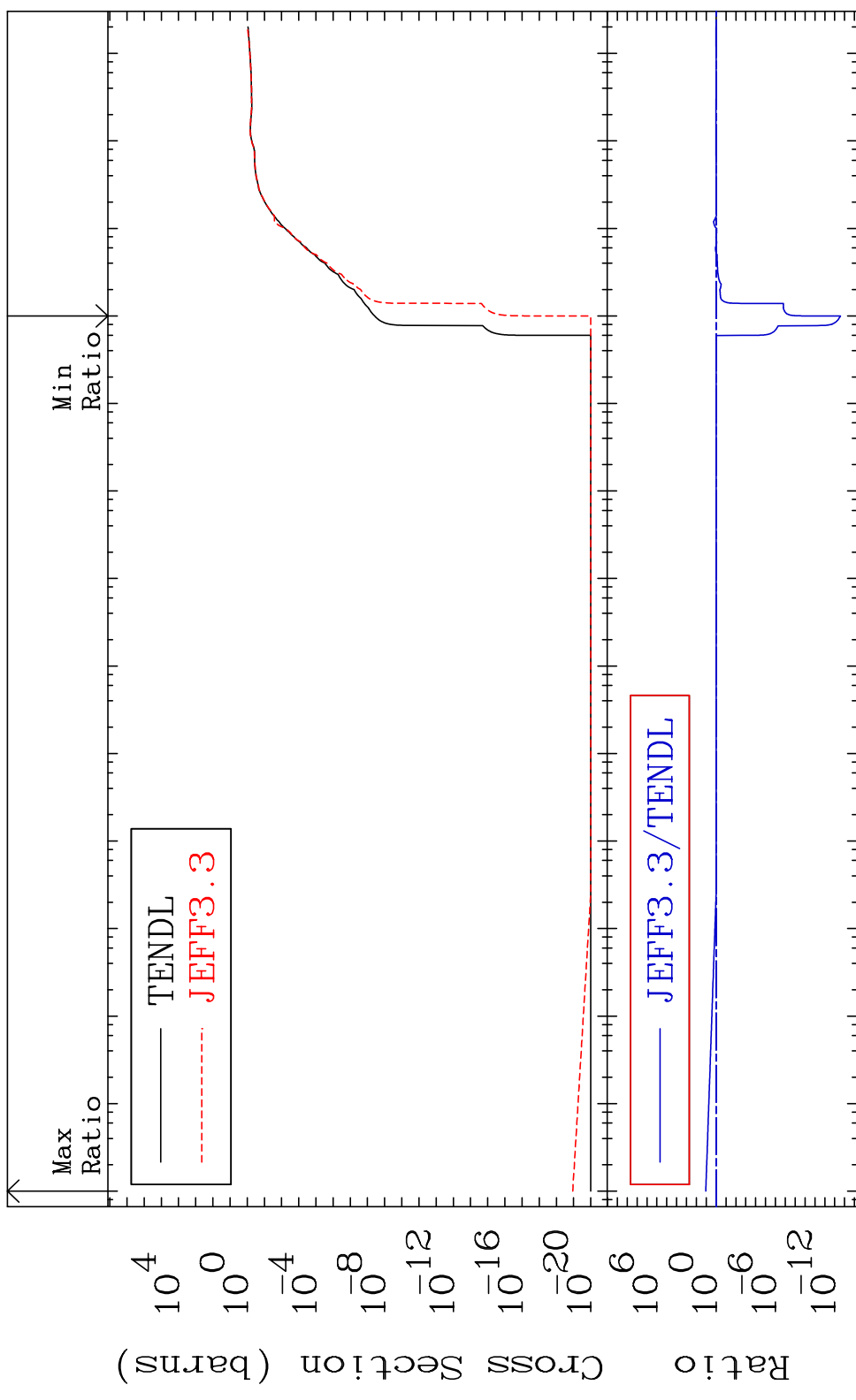


MAT 1925 (n,p) t 19-K -39
 Cross Section -100.0 To 153.8 %

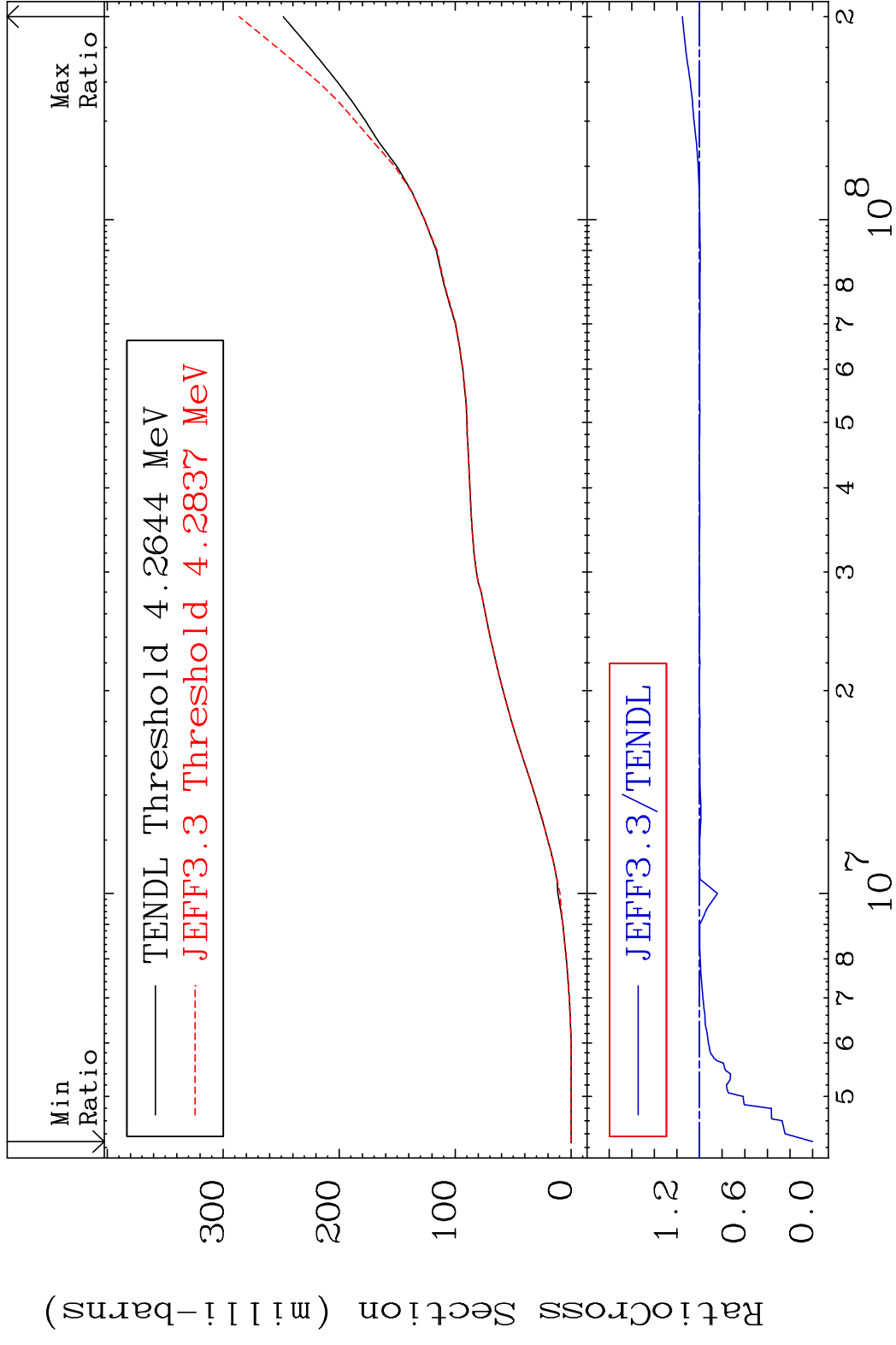


MAT 1925 (n,d) α 19-K -39
 Cross Section -100.0 To 304.9 %





MAT 1925 Deuterium Production 19-K -39
 Cross Section -100.0 To 15.24 %

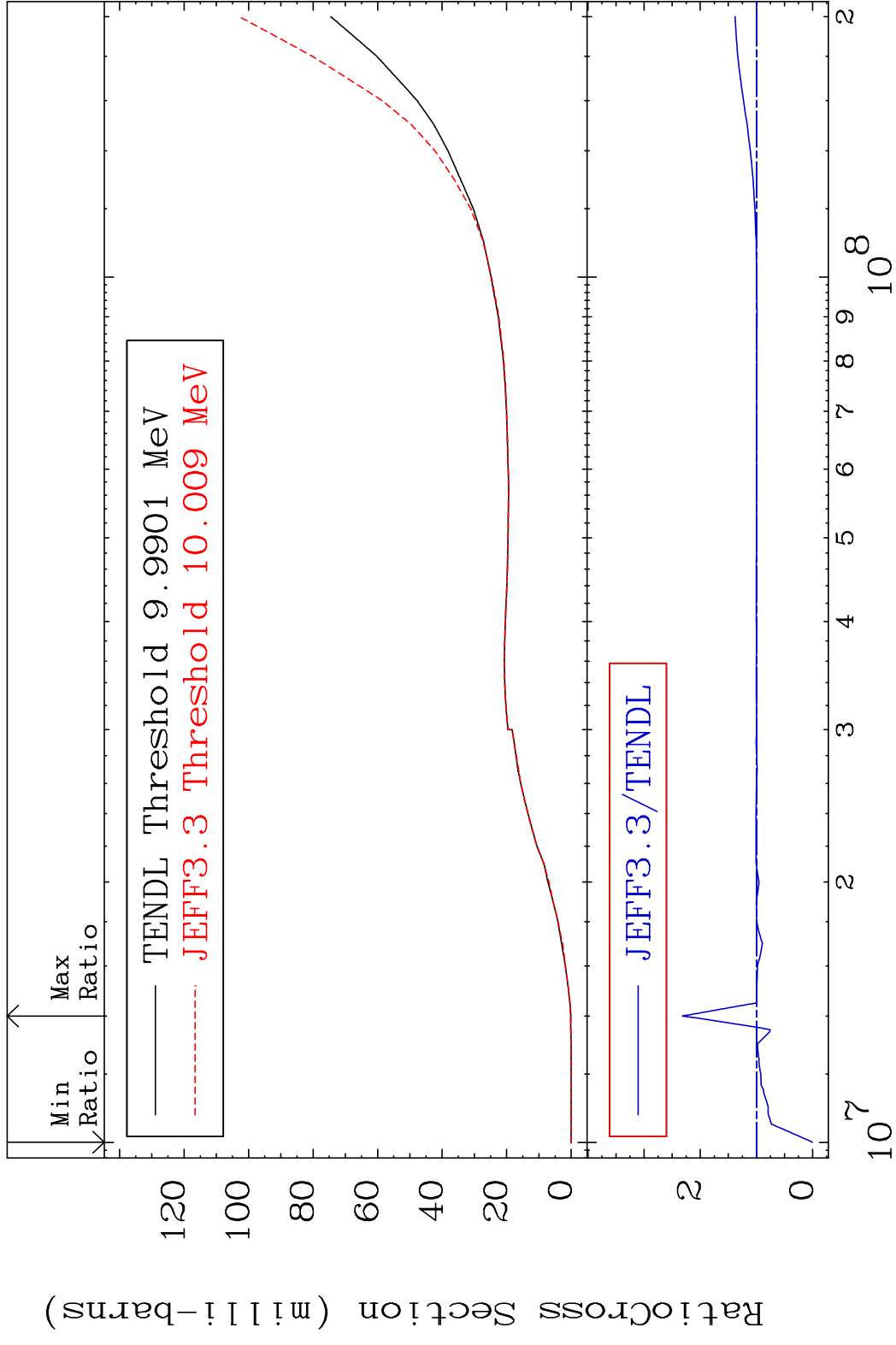


MAT 1925

Tritium Production

19-K -39

Cross Section -100.0 To 131.8 %



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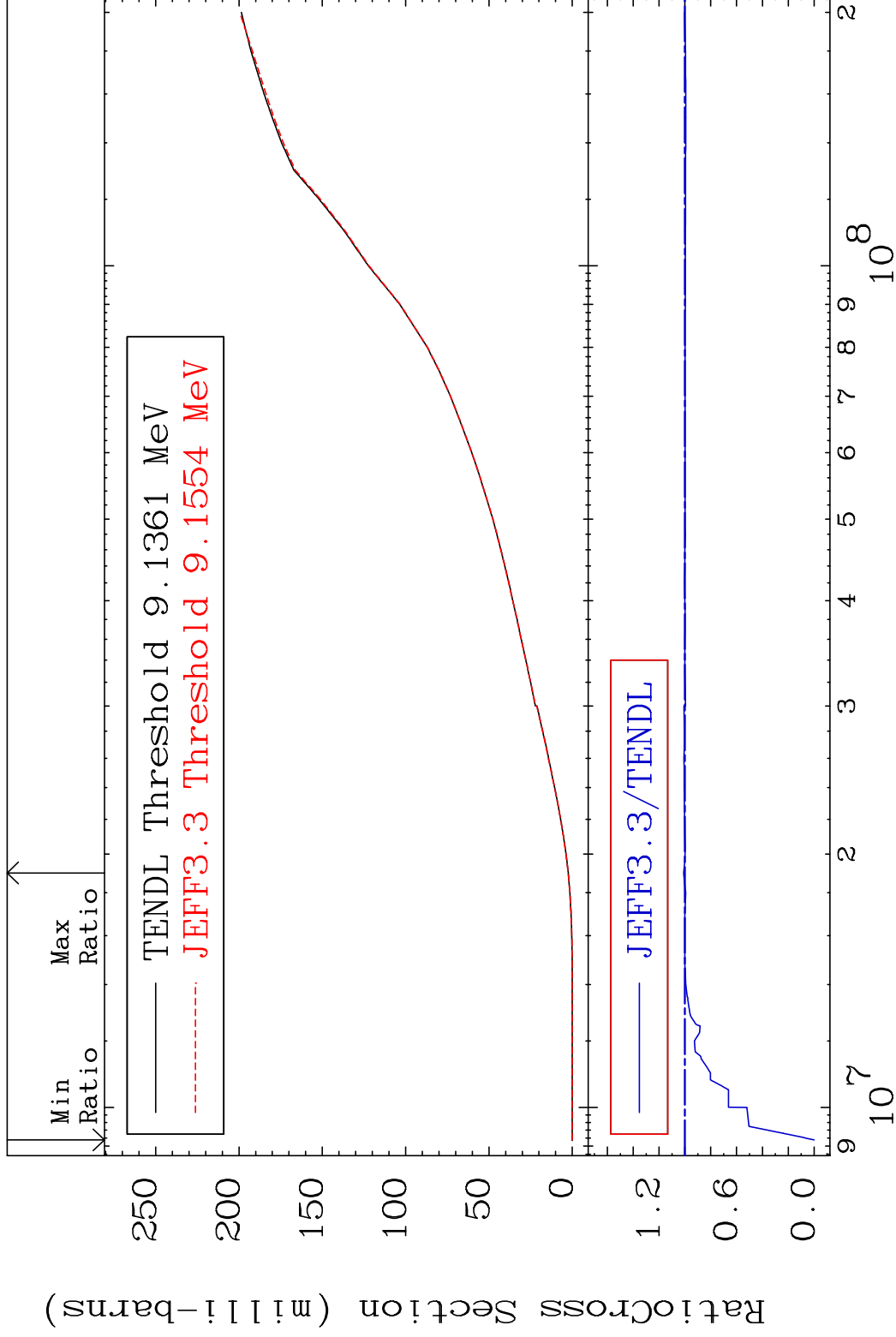
19-K -39

MAT 1925

He-3 Production

19-K -39

Cross Section -100.0 To 0.964 %



60

Incident Energy (eV)

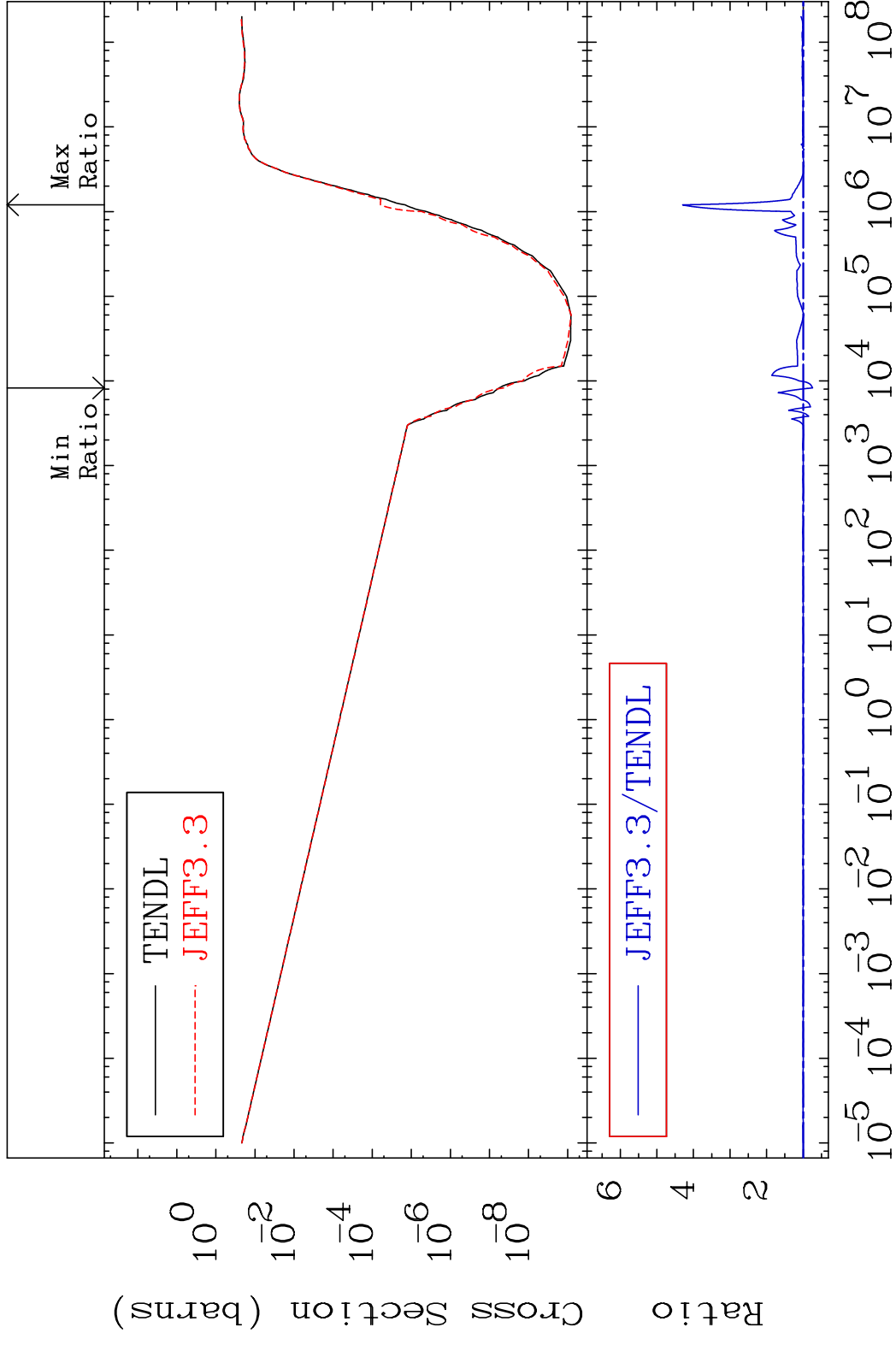
19-K -39

MAT 1925

He-4 Production

19-K -39

Cross Section -25.70 To 330.3 %

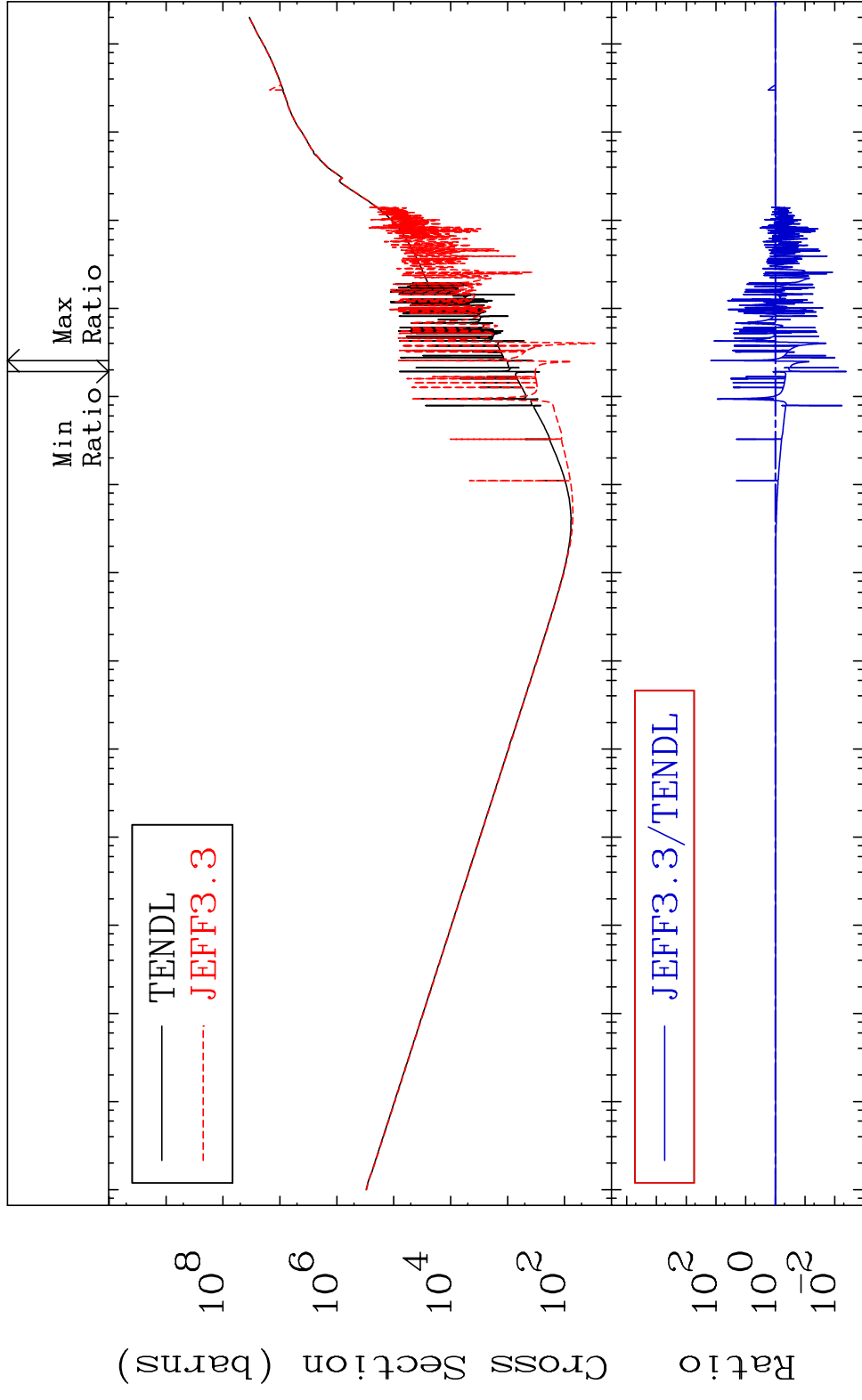


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Incident Energy (eV)

19-K -39

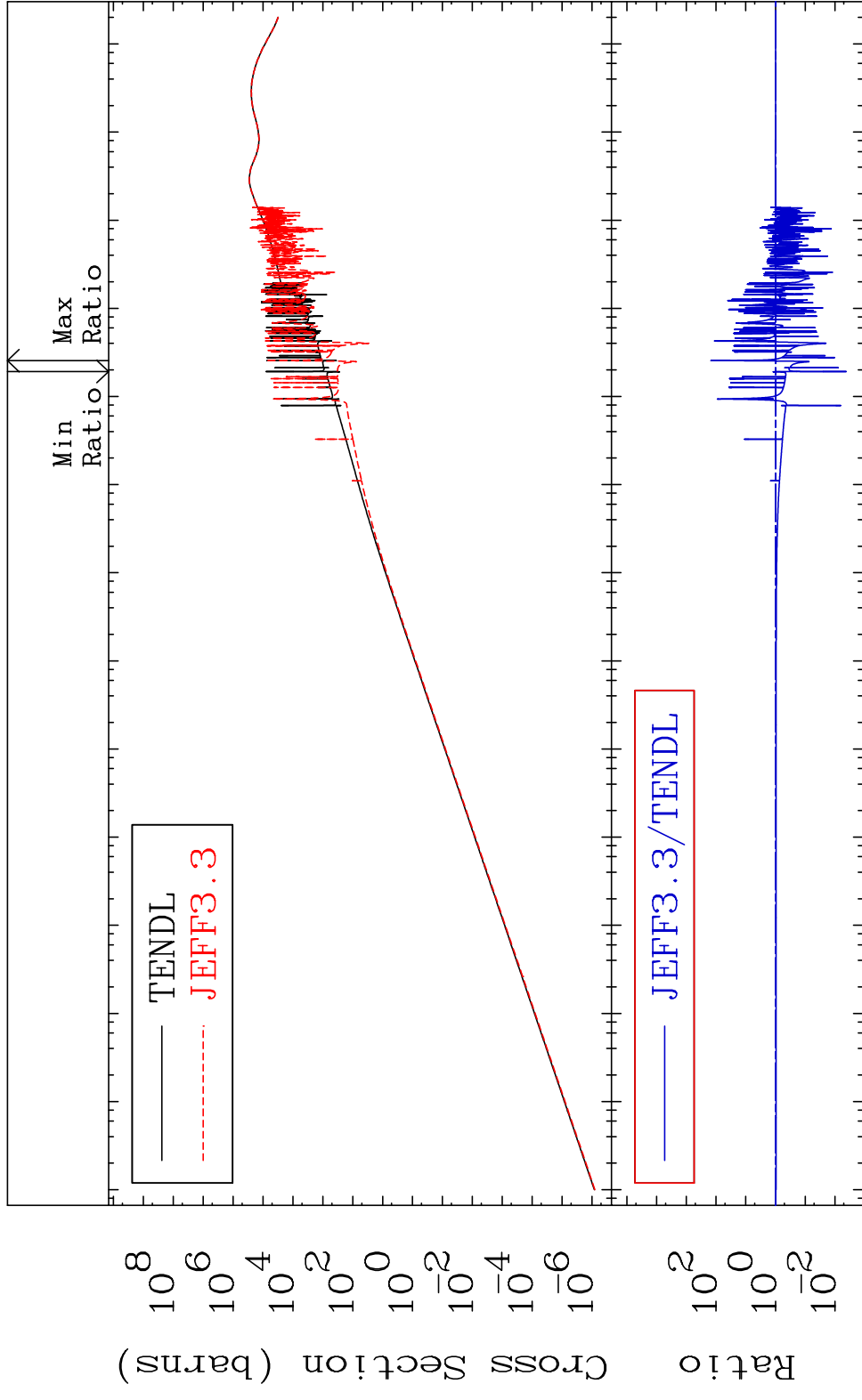
MAT 1925 Kerma total (eV-barns) 19-K -39
 Cross Section -99.59 To 9999. %



MAT 1925

Kerma elastic
Cross Section

19-K -39
-99.59 To 9999. %

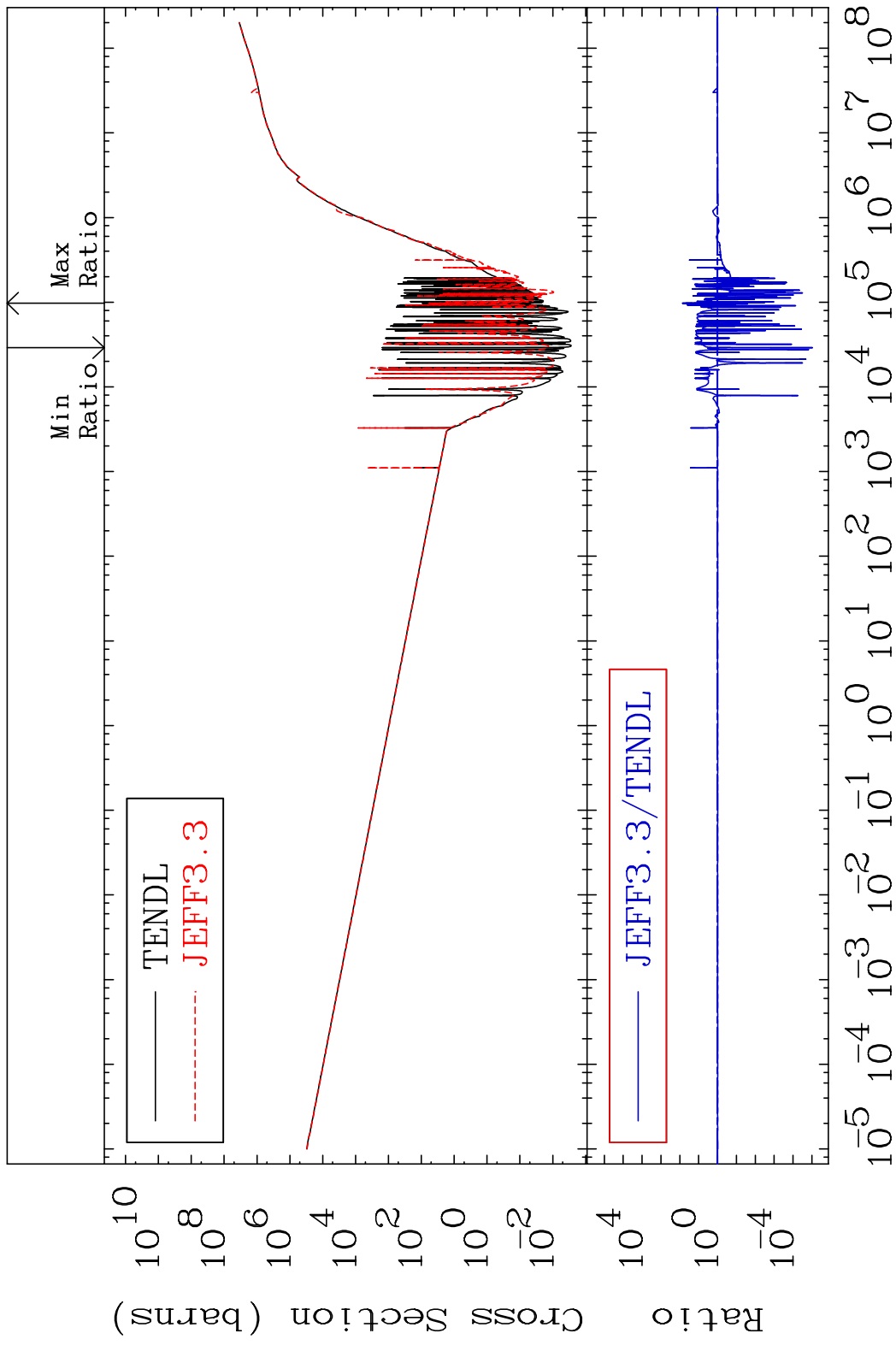


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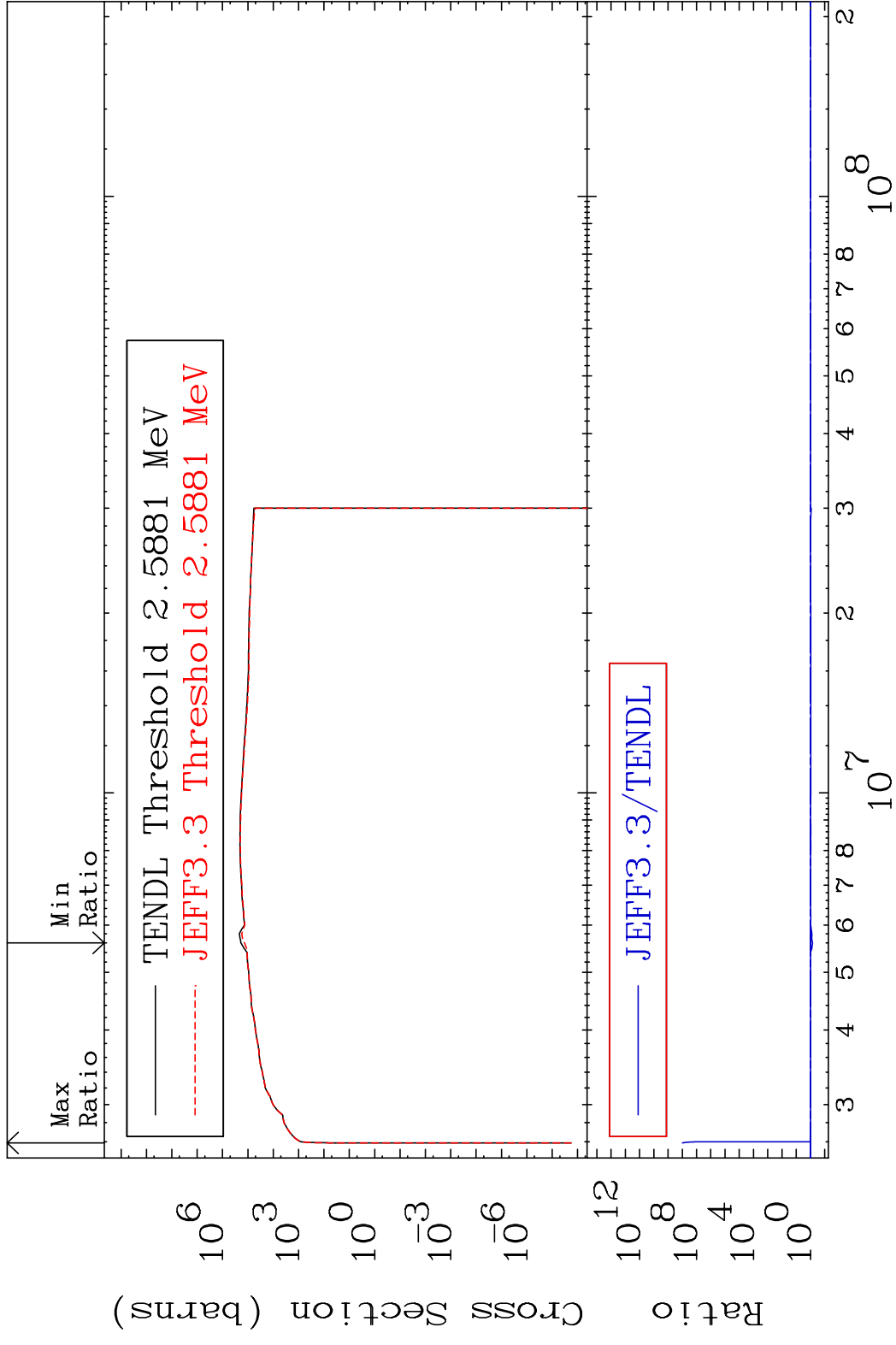
Incident Energy (eV)

19-K -39

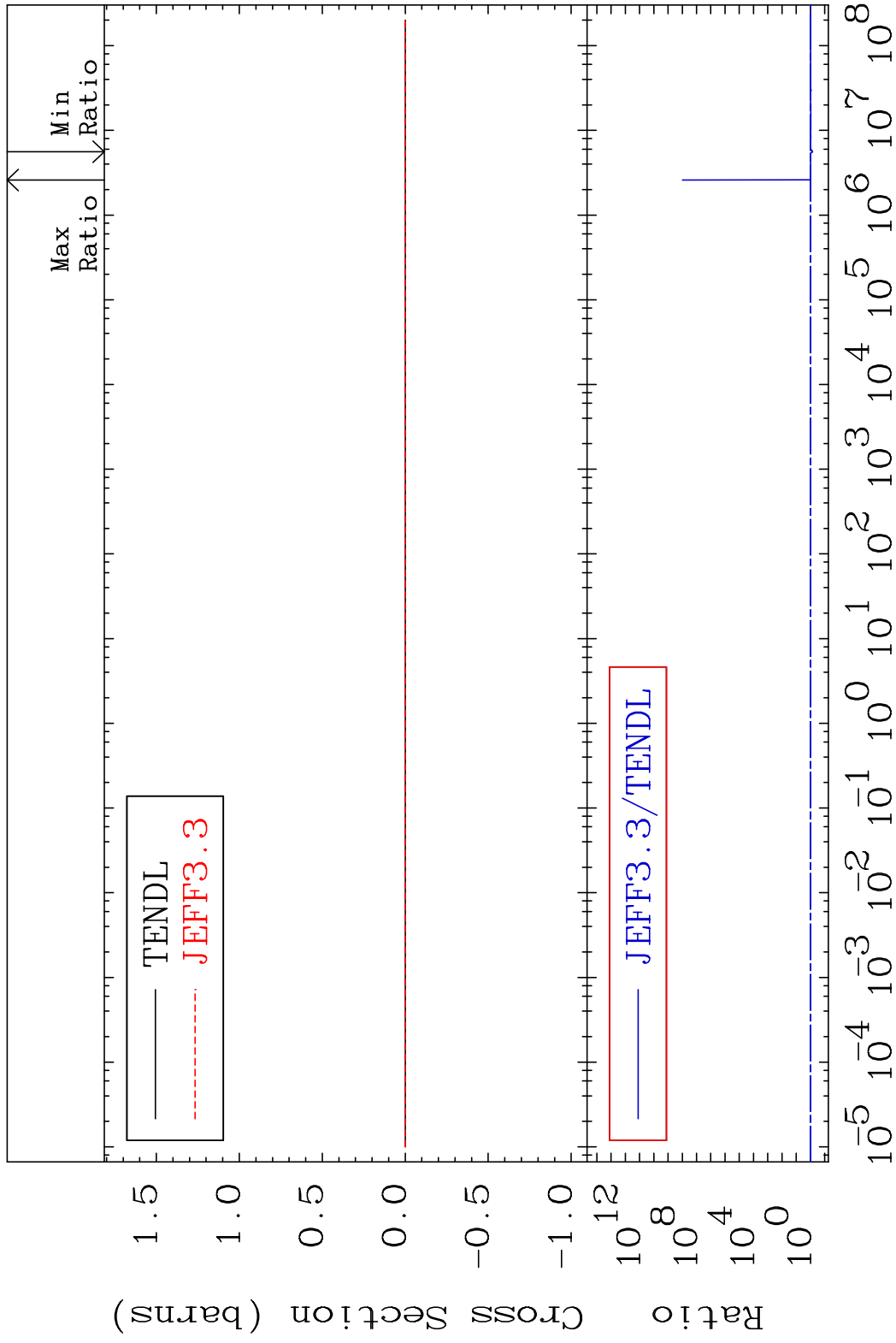
MAT 1925 Kerma non-elastic (all but mt2) 19-K -39
 Cross Section -100.0 To 7206. %

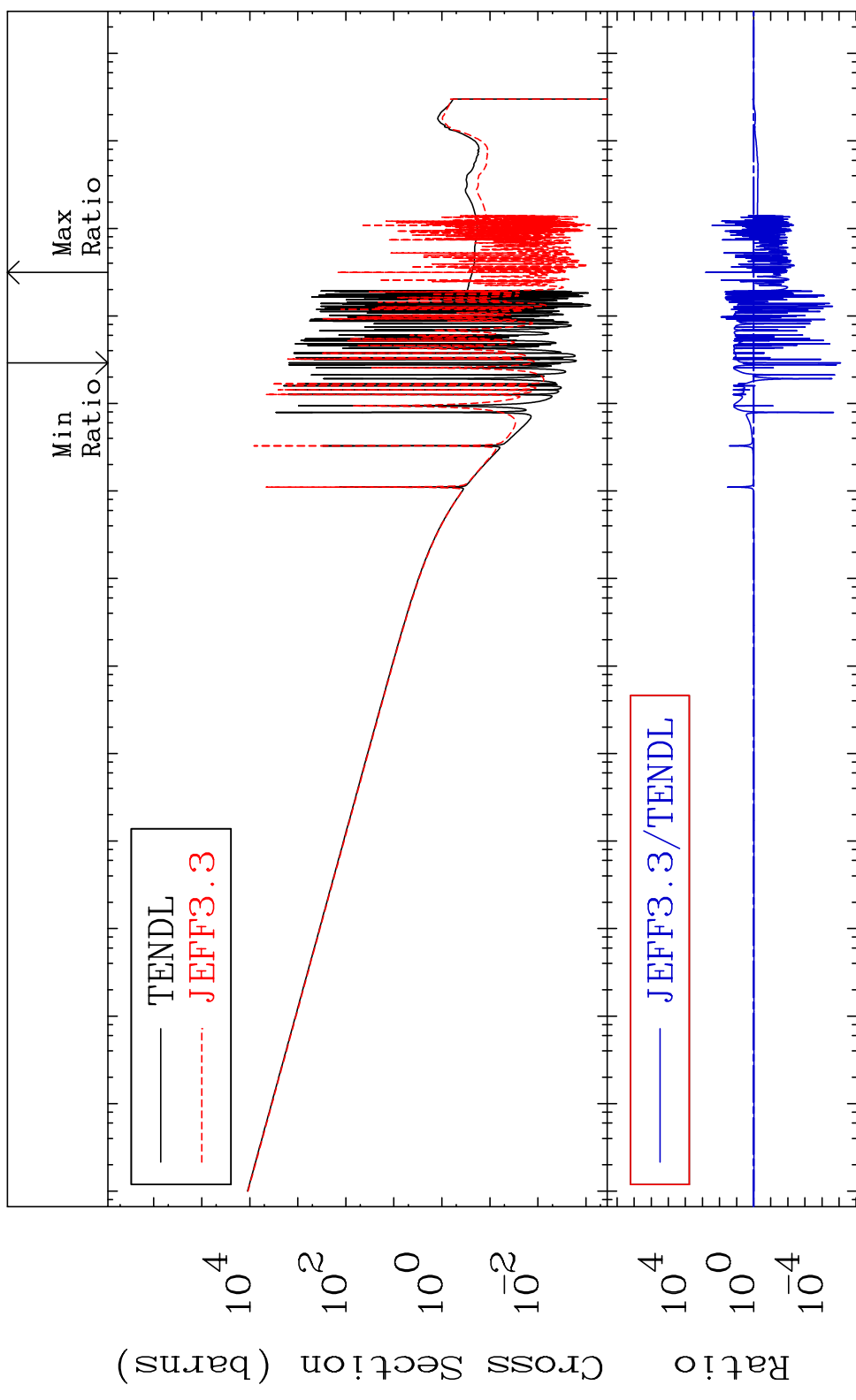


MAT 1925 Kerma inelastic (mt51-91) 19-K -39
 Cross Section -28.46 To 9999. %

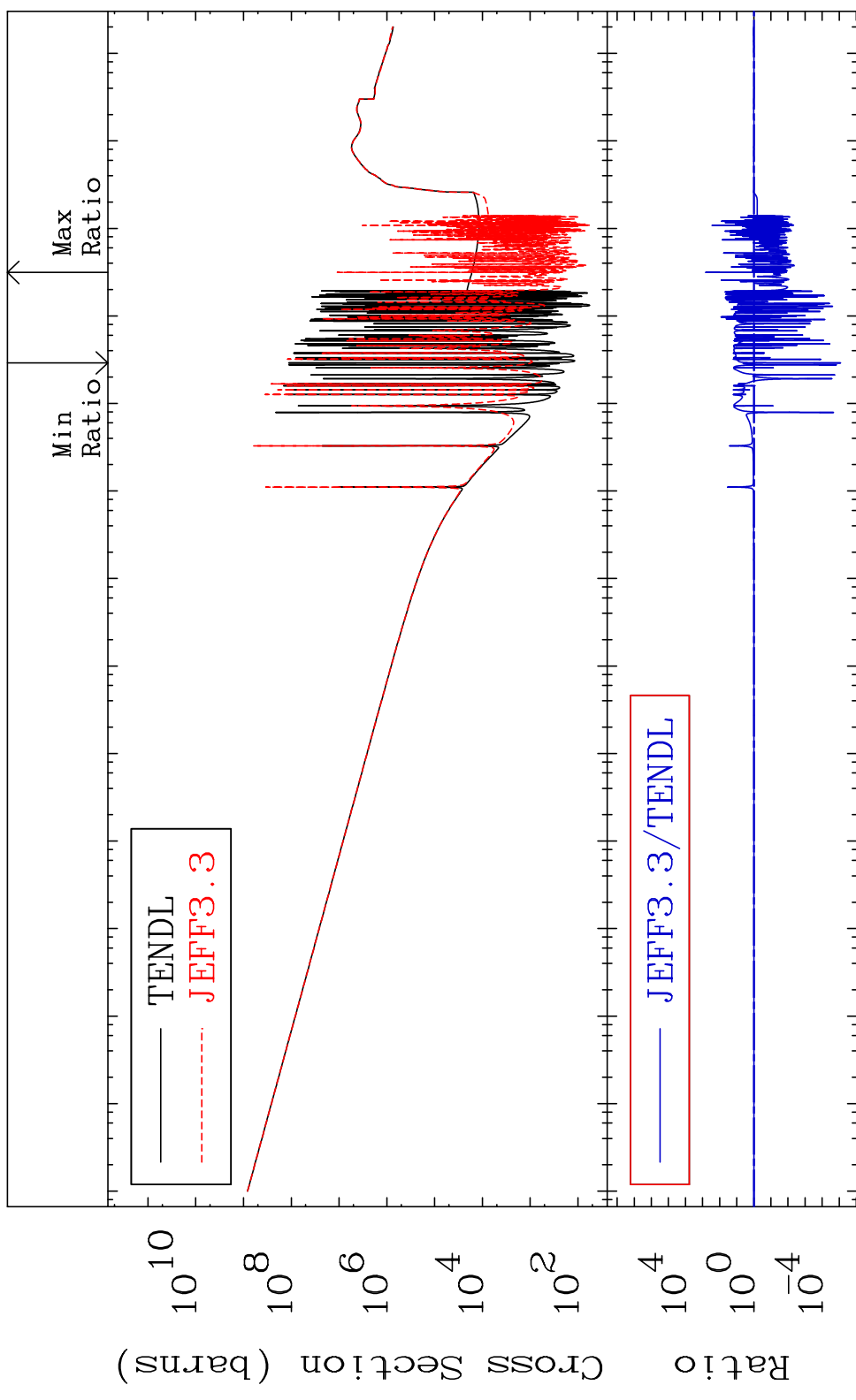


MAT 1925 Kerma fission (mt18 or mt19-20-21-38) 19-K -39
 Cross Section -28.46 To 9999. %

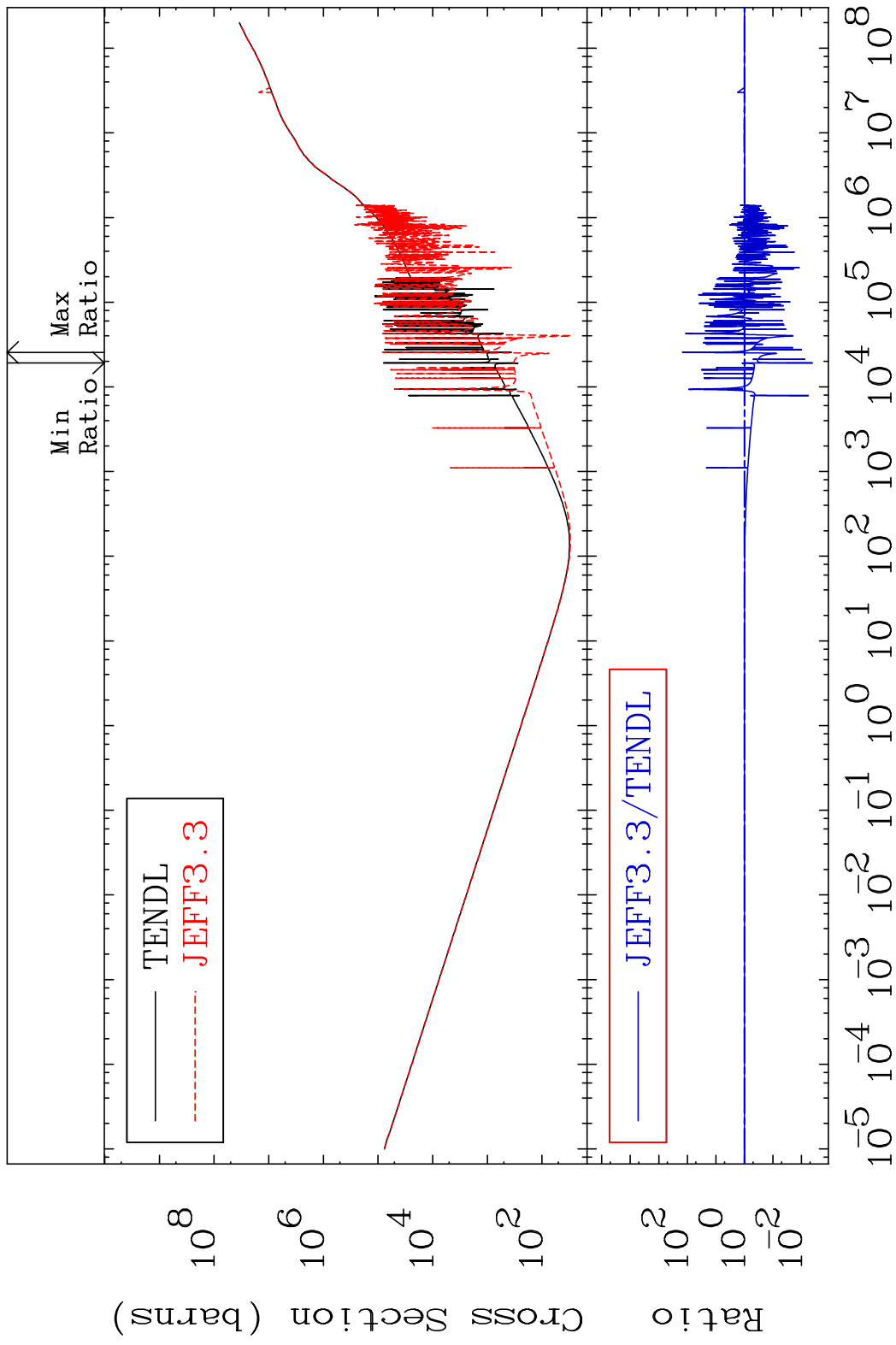




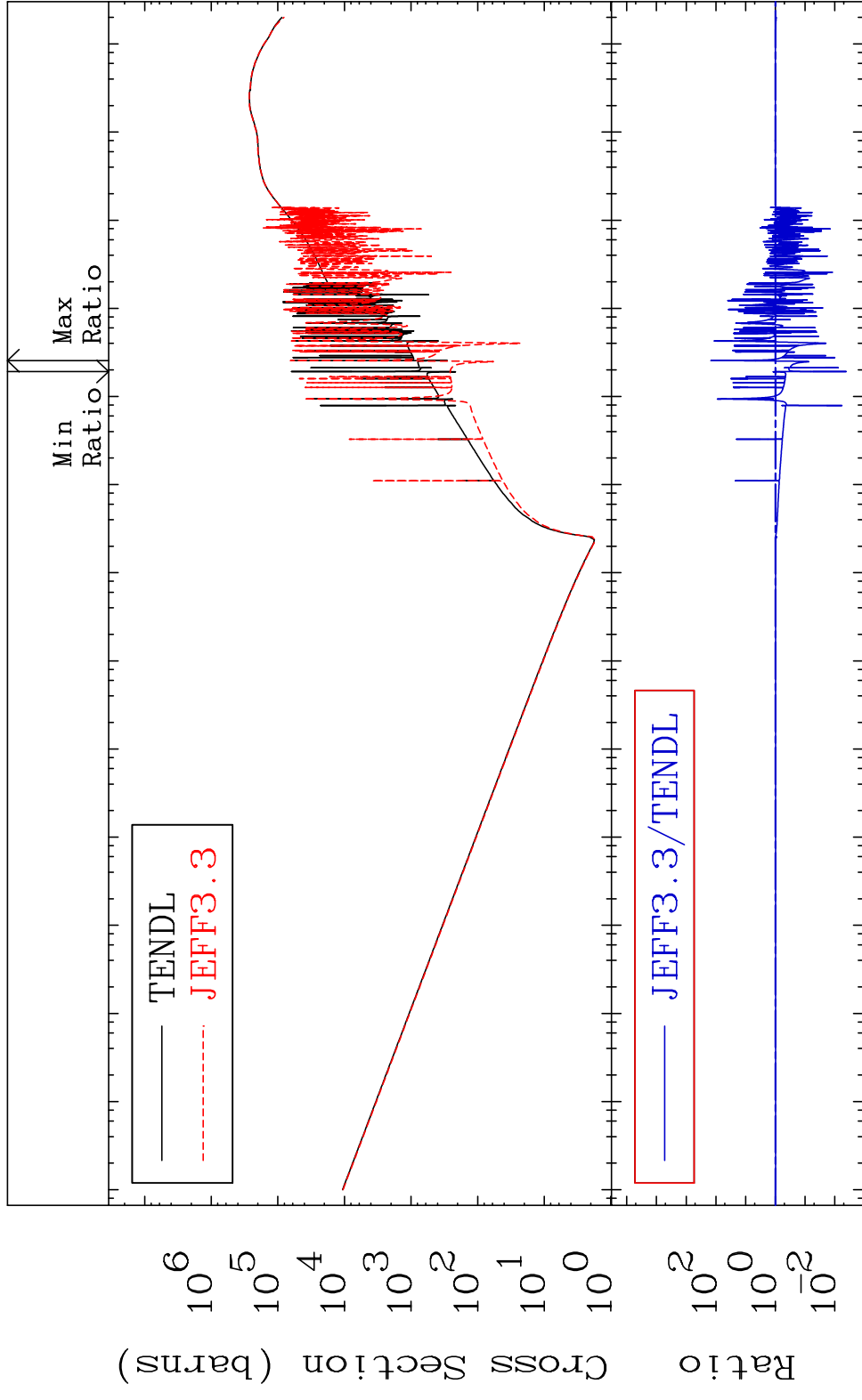
Cross Section -100.0 To 9999. %



MAT 1925 Total kinematic kerma (high limit) 19-K -39
 Cross Section -99.59 To 9999. %

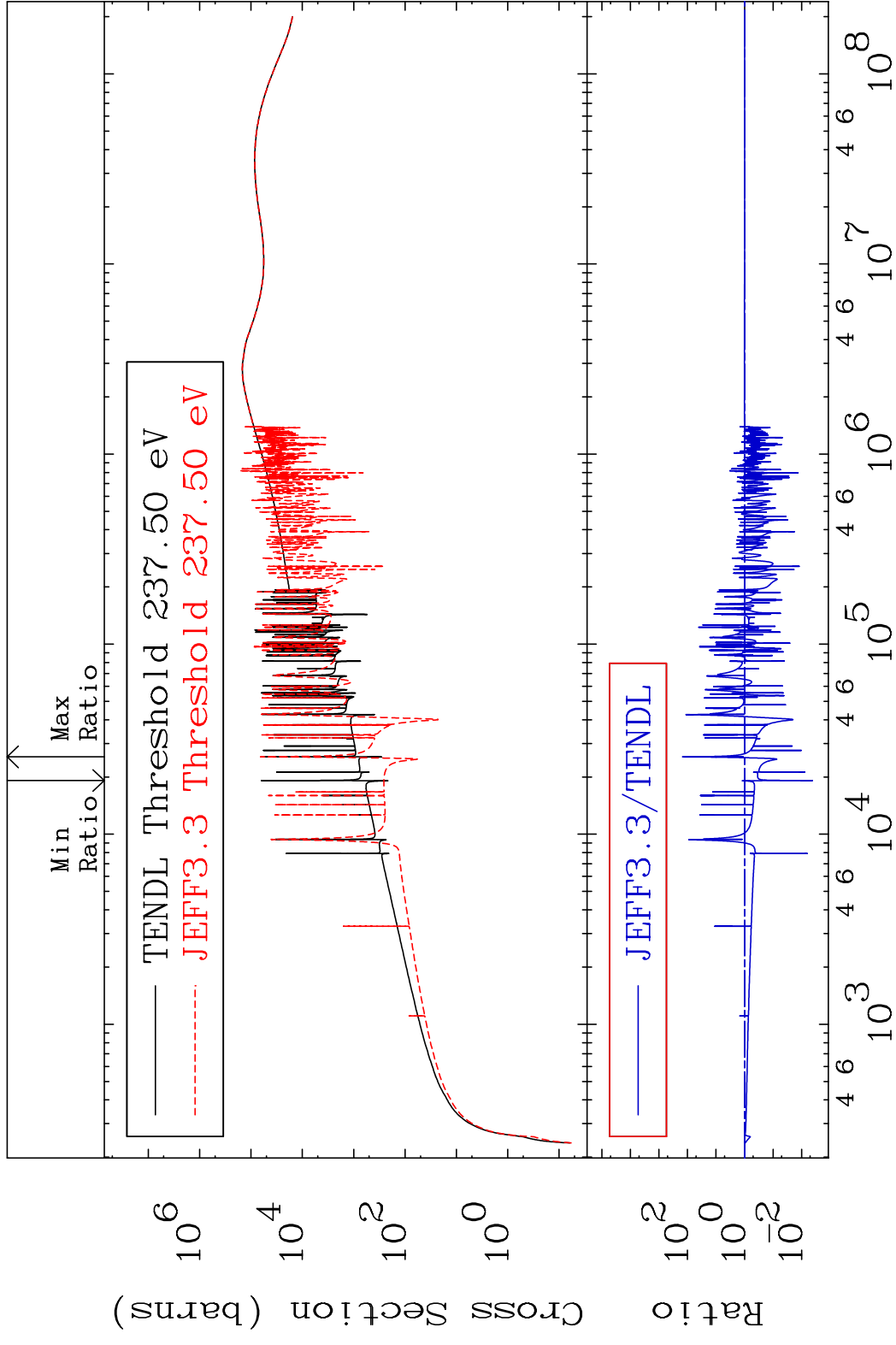


MAT 1925 Dpa total (eV-barns) 19-K -39
 Cross Section -99.59 To 9999. %

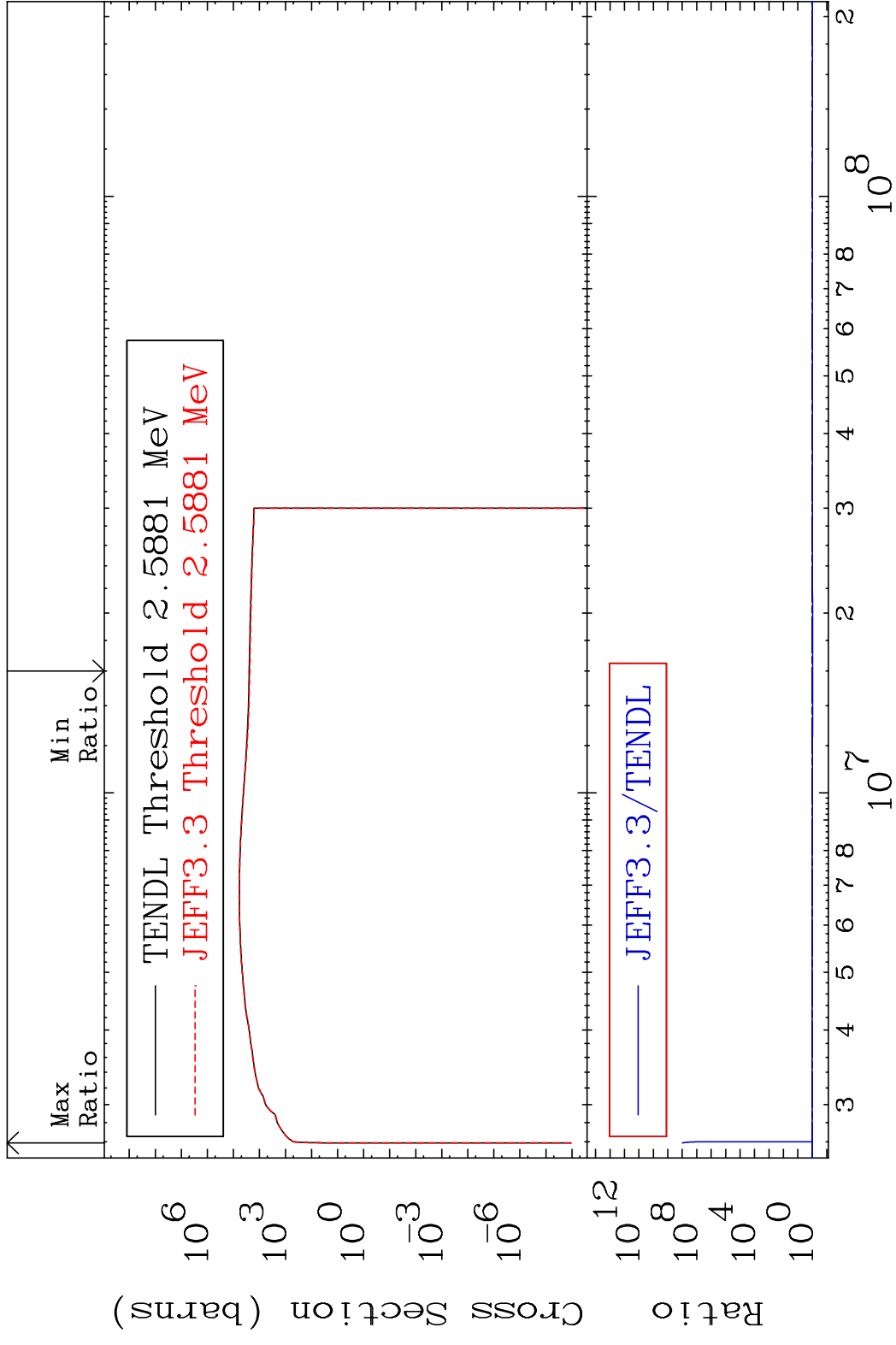


70 Incident Energy (eV) 19-K -39

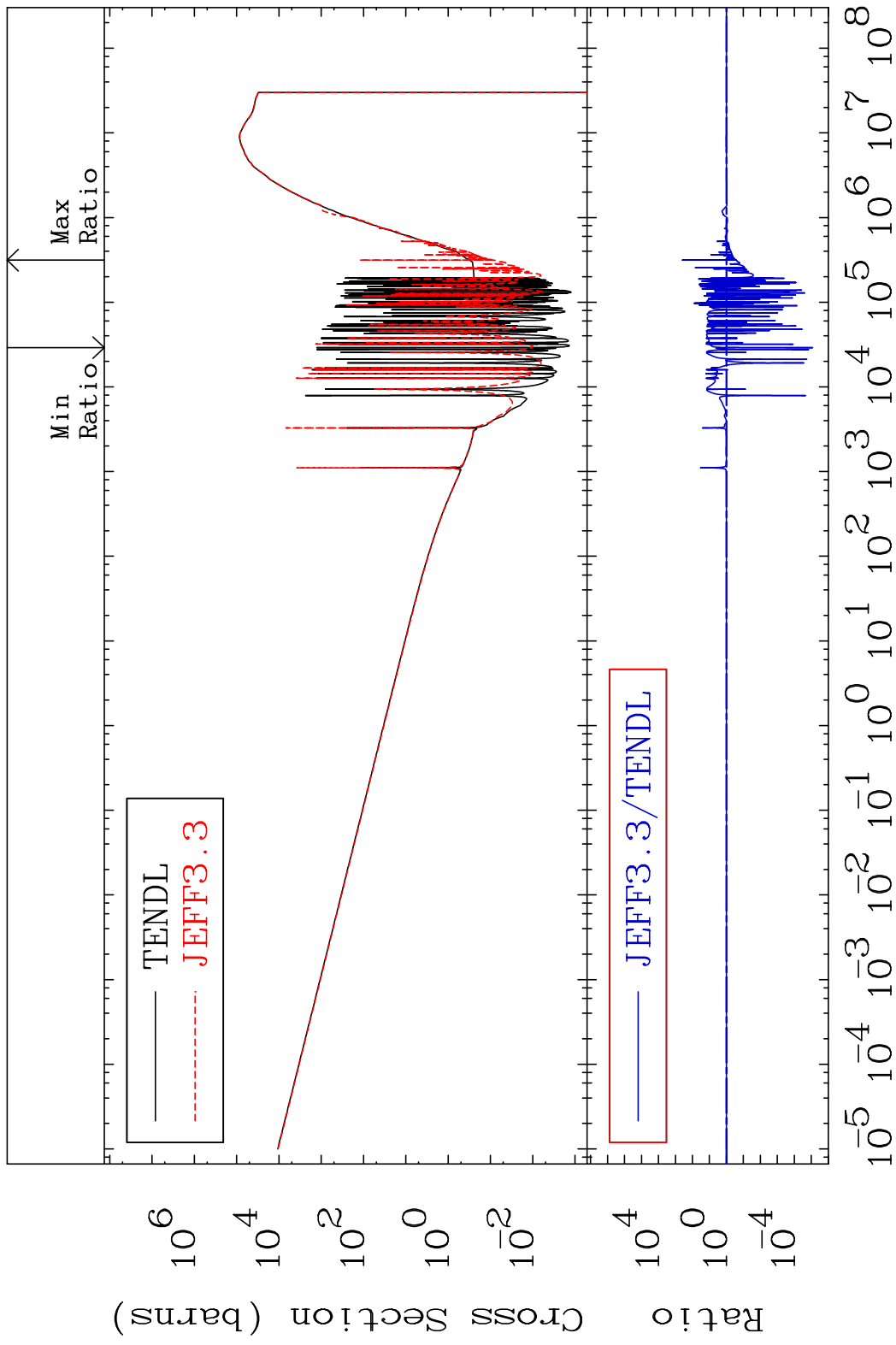
MAT 1925 Dpa elastic (mt2) 19-K -39
 Cross Section -99.59 To 9999. %



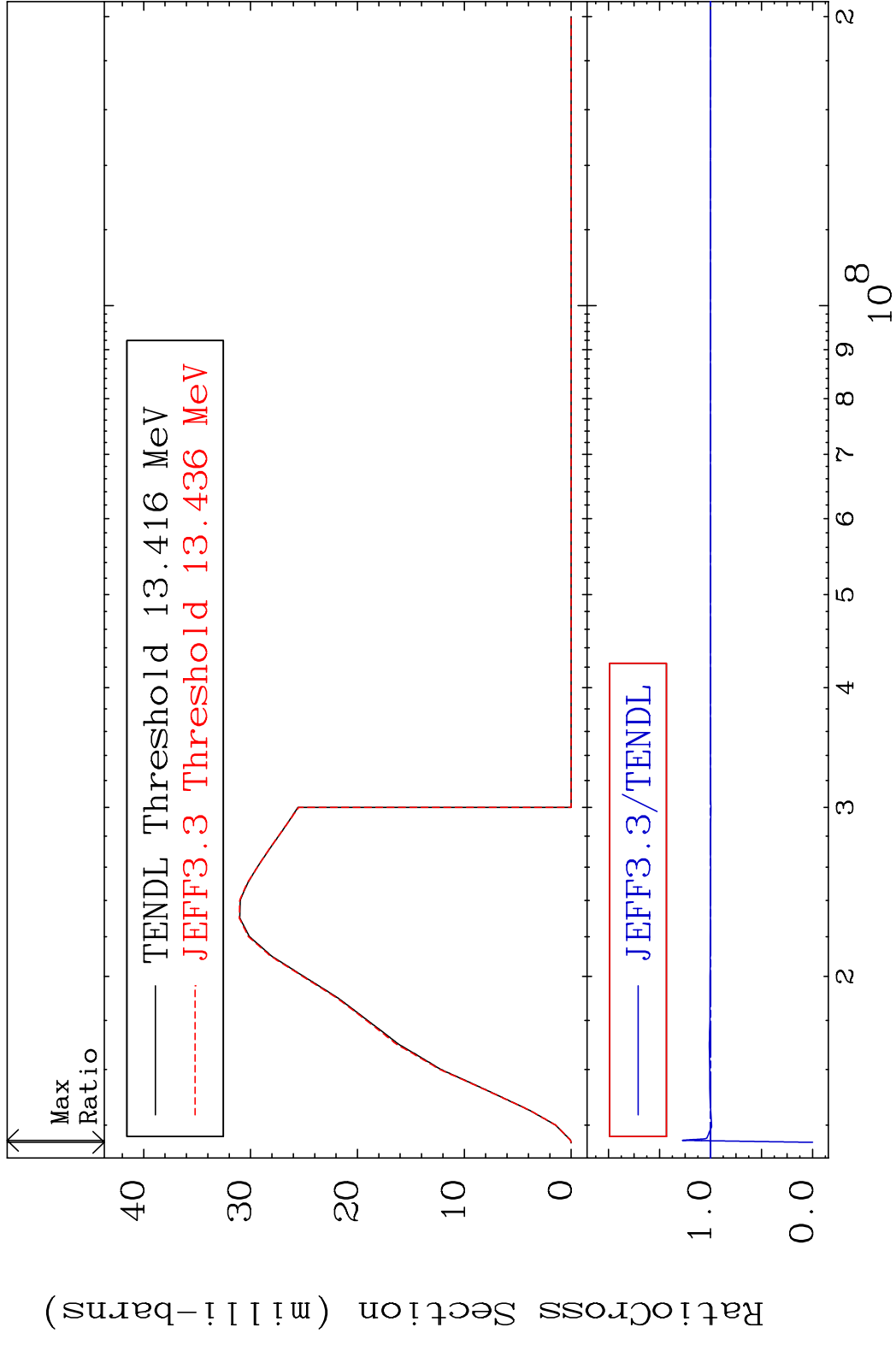
MAT 1925 Dpa inelastic (mt51-91) 19-K -39
 Cross Section -4.513 To 9999. %



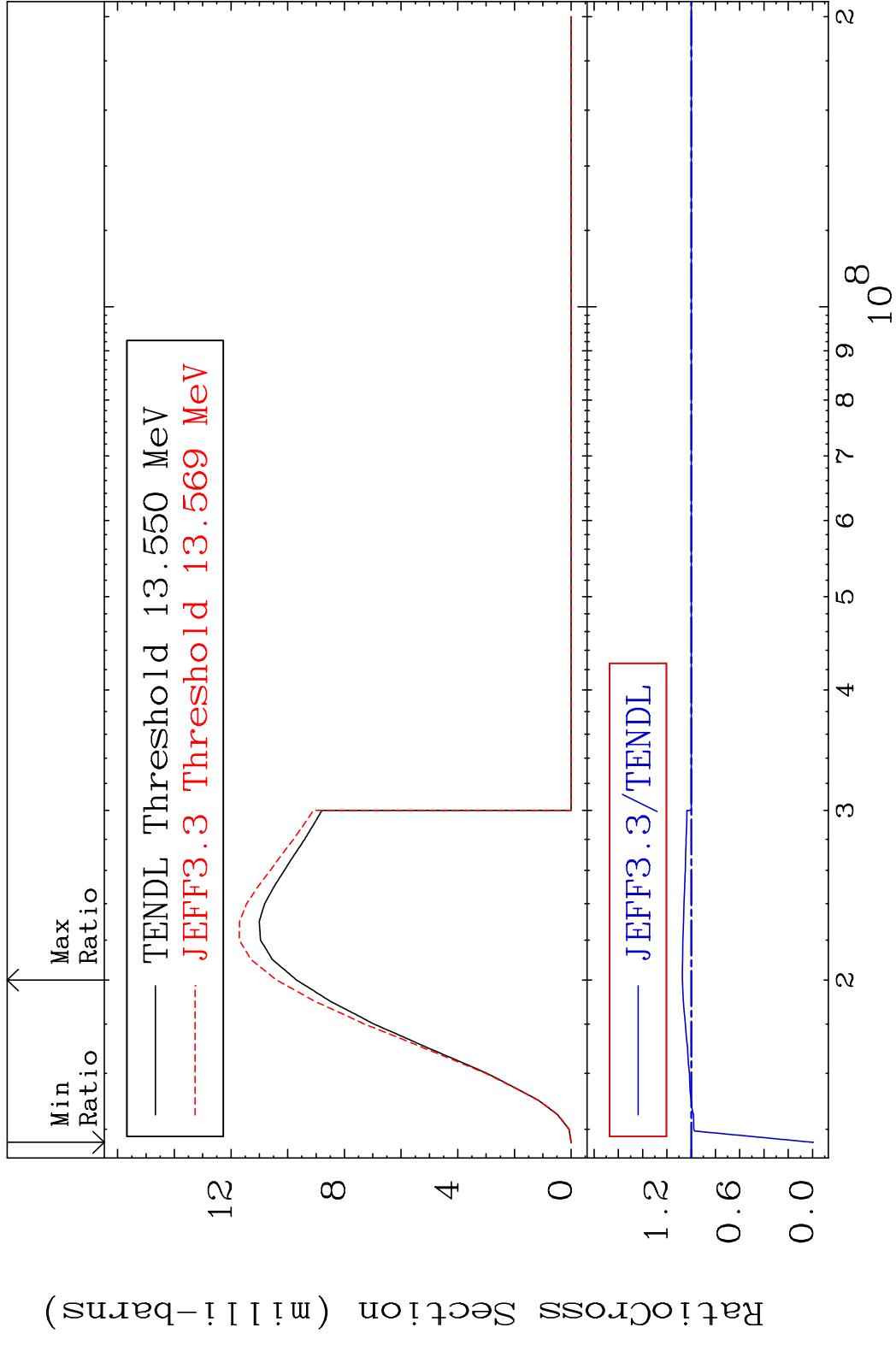
MAT 1925 Dpa disappearance (mt102 -120) 19-K -39
 Cross Section -100.0 To 9999. %



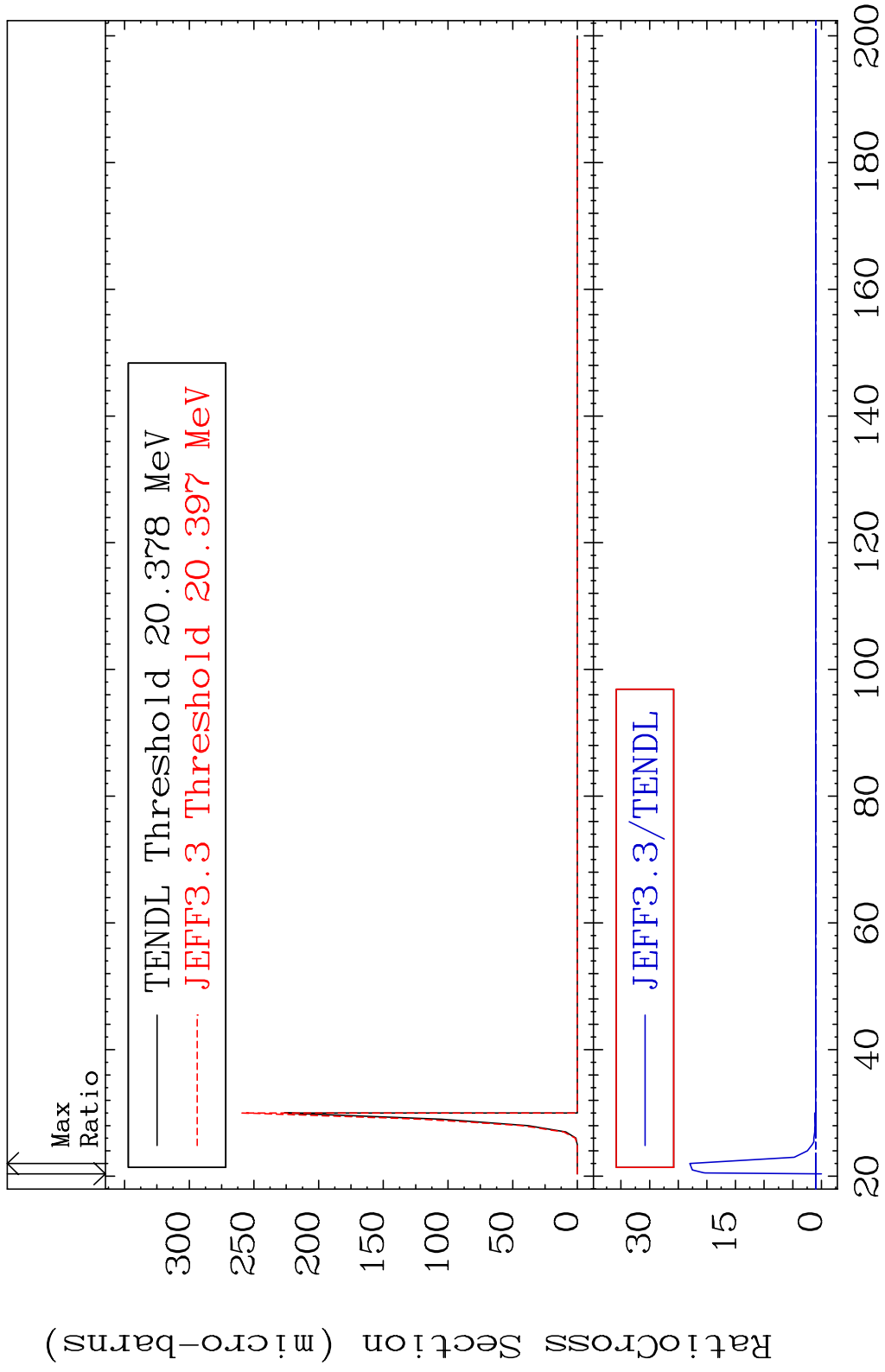
MAT 1925 (n,2n):19-K -38g 19-K -39
 Radionuclide Production Cross Section Ratio 27.64 %



MAT 1925 (n,2n):19-K -38m1 19-K -39
 Radionuclide Production Cross Section 100% 7.288 %



MAT 1925 (n,2n) α :17-Cl-34g 19-K -39
 Radionuclide Production Cross Section Ratio 2199. %



MAT 1925 (n,2n) α :17-Cl-34m1 19-K -39
 Radionuclide Production Cross Section Ratio 2690. %

