

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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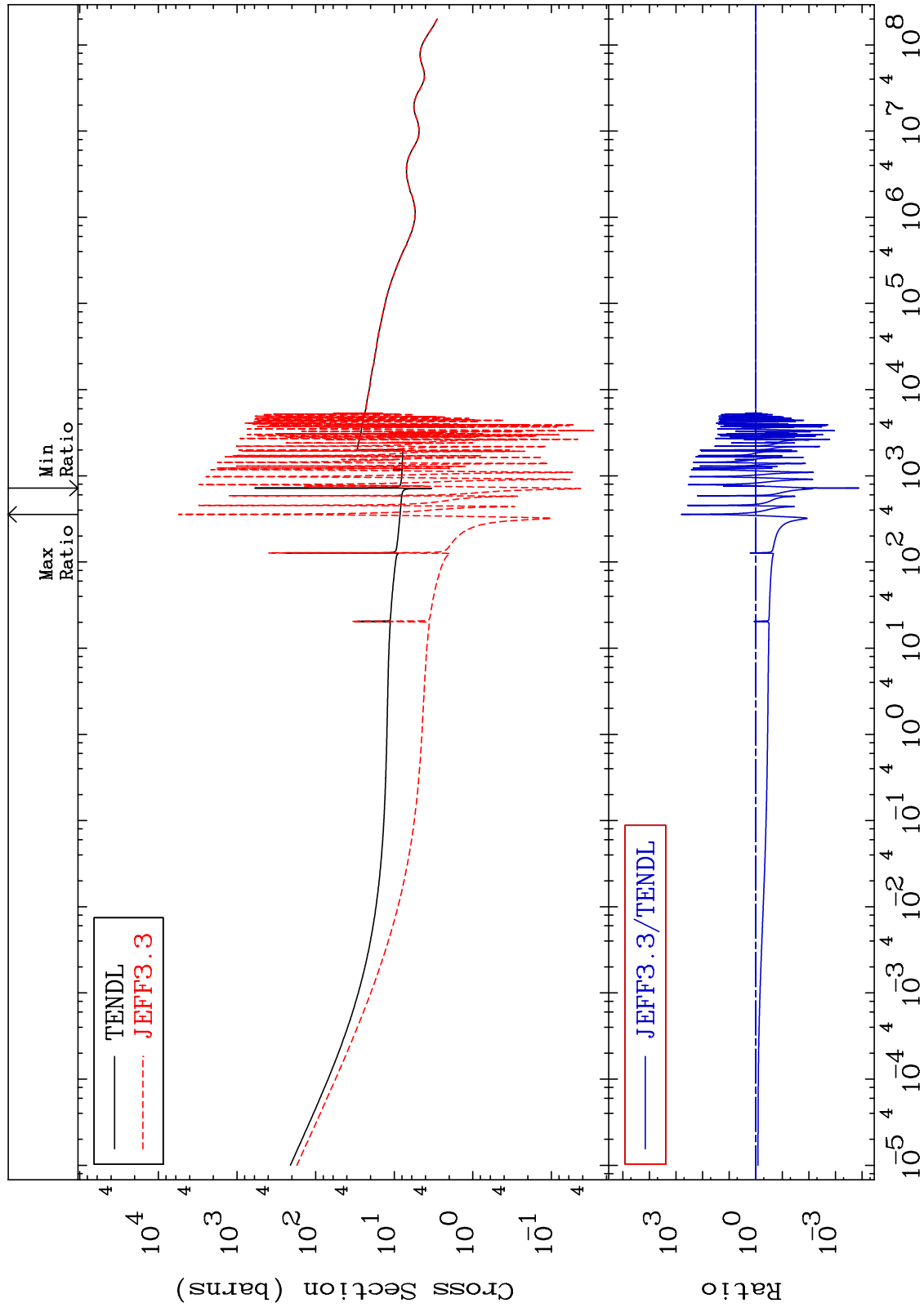
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7649 Total Cross Section 76-0s-192 -99.99 To 9999. %

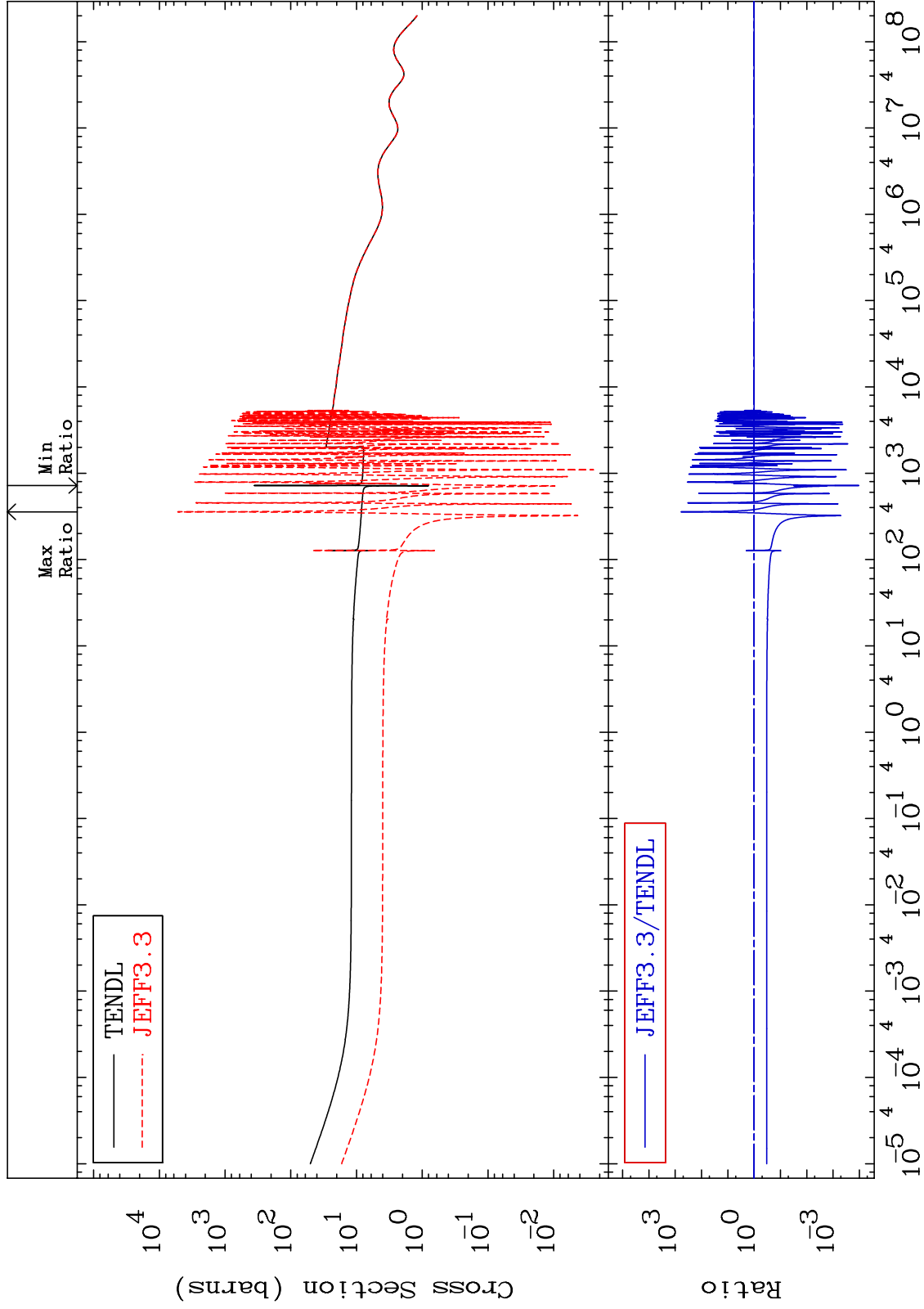


1 Incident Energy (eV) 76-0s-192

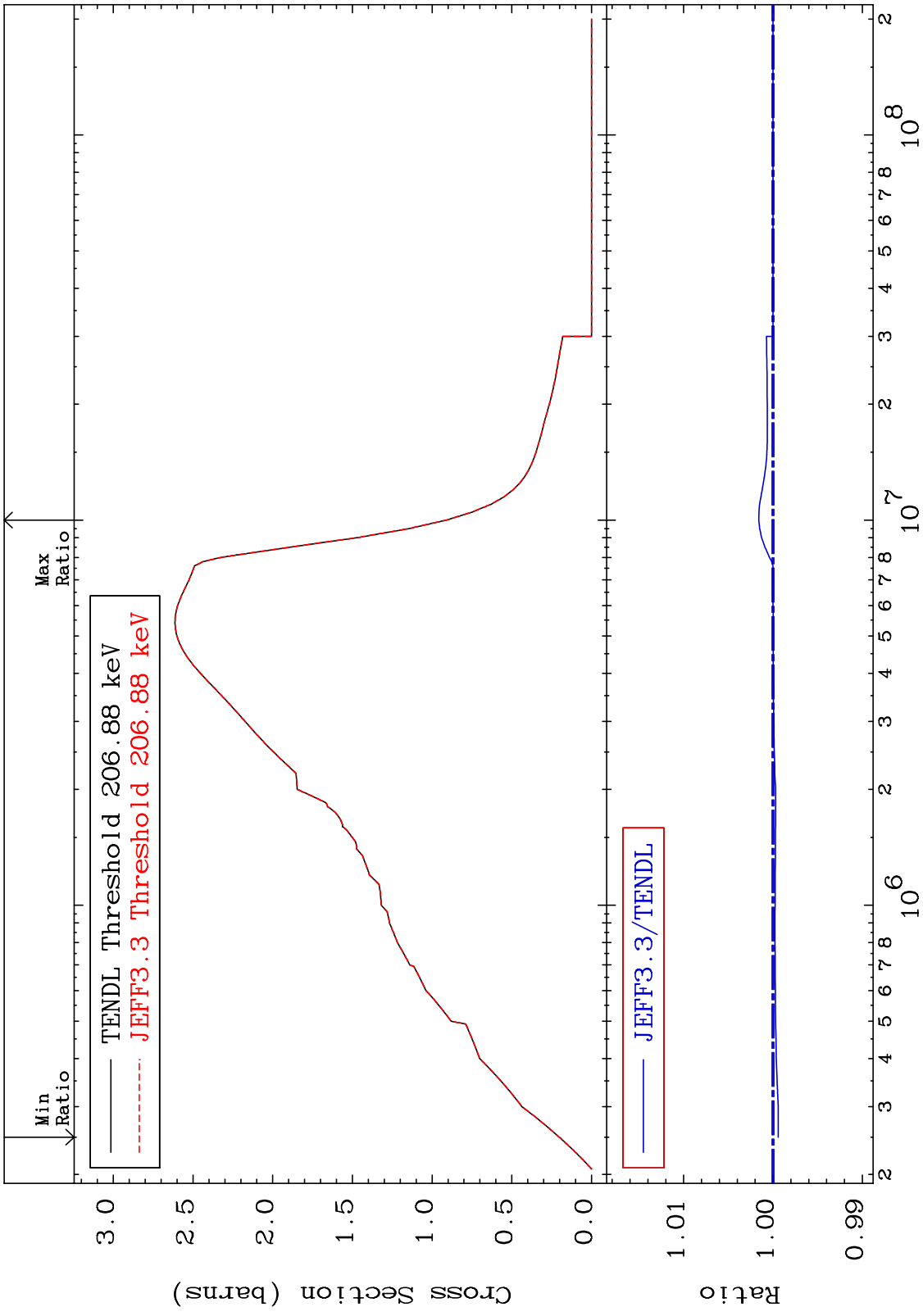
MAT 7649

Elastic
Cross Section

76-0s-192
-99.99 To 9999. %

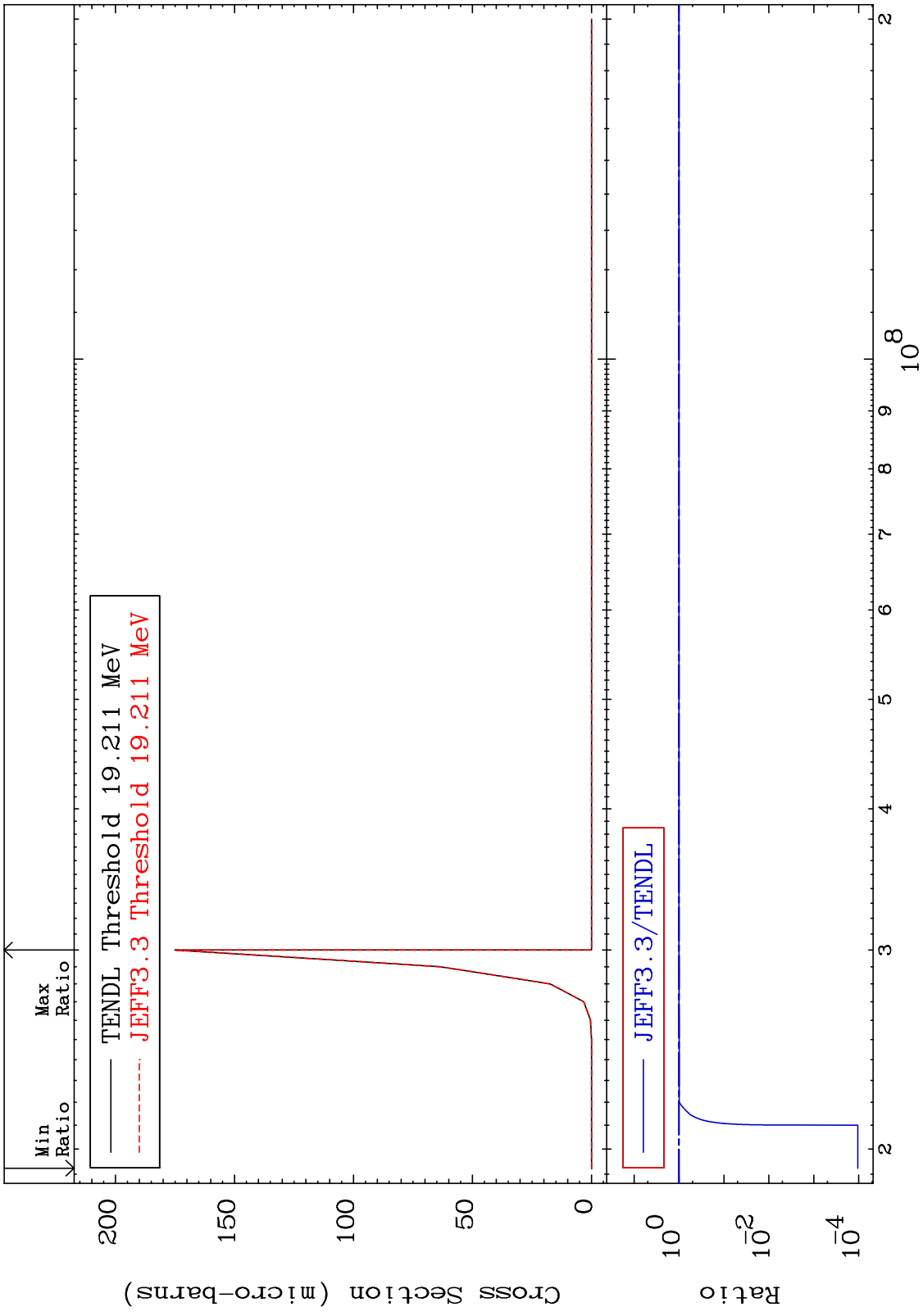


MAT 7649 Inelastic Cross Section 76-Os-192 -0.058 To 0.161 %



3 76-Os-192

MAT 7649 (n,2n) d 76-0s-192
 Cross Section -99.99 To 0.000 %



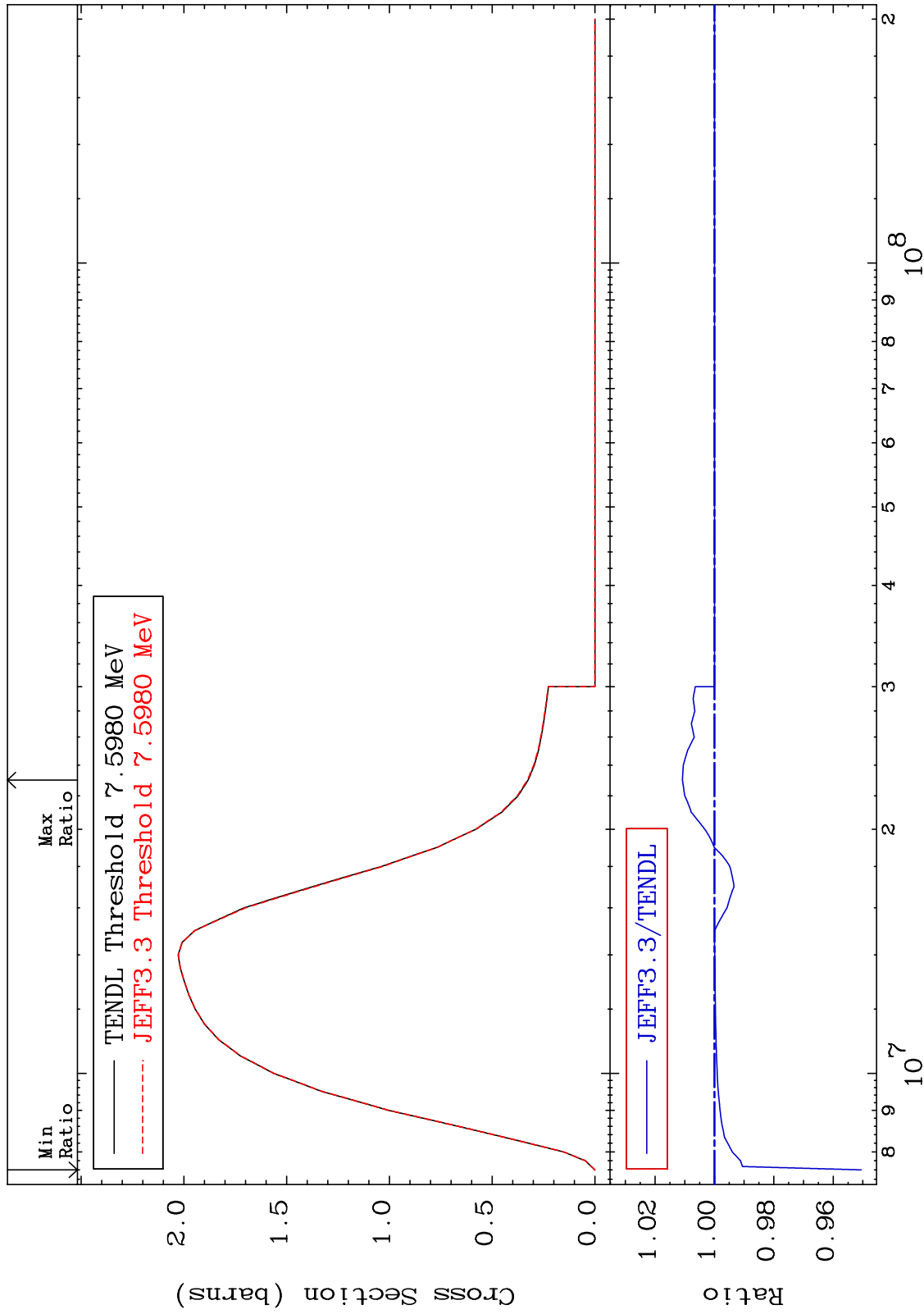
MAT 7649

(n,2n)

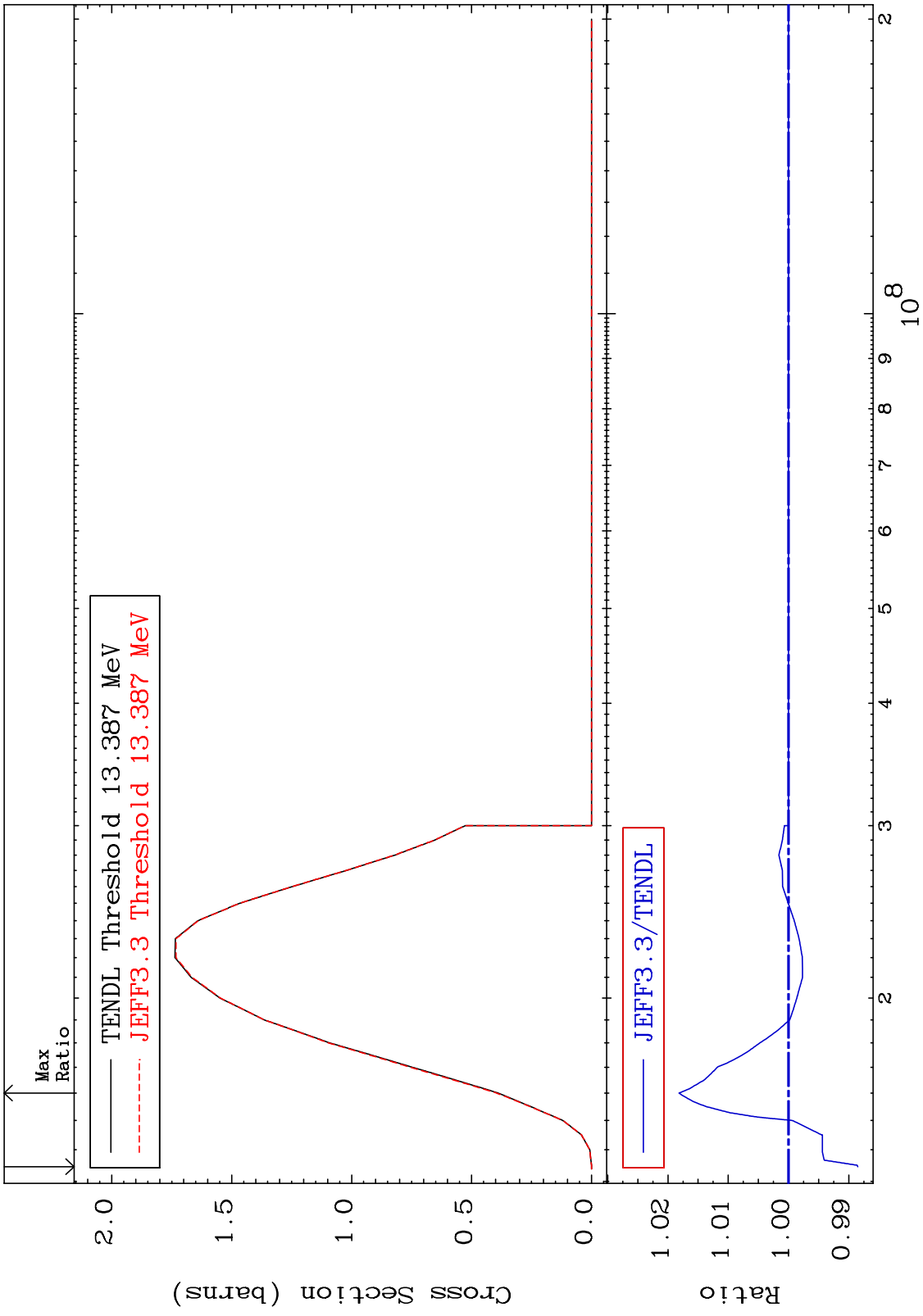
76-0s-192

Cross Section

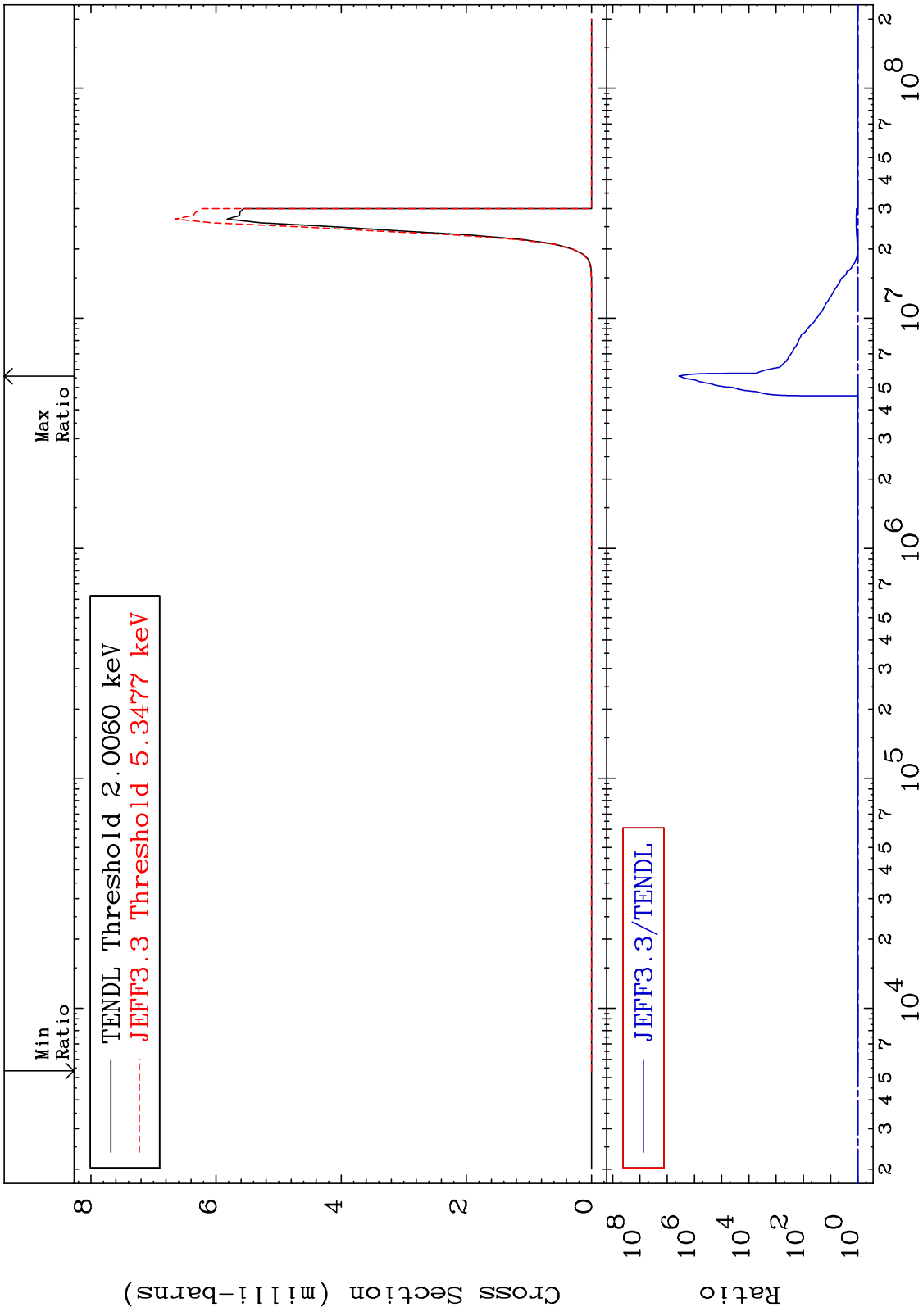
-4.947 To 1.077 %

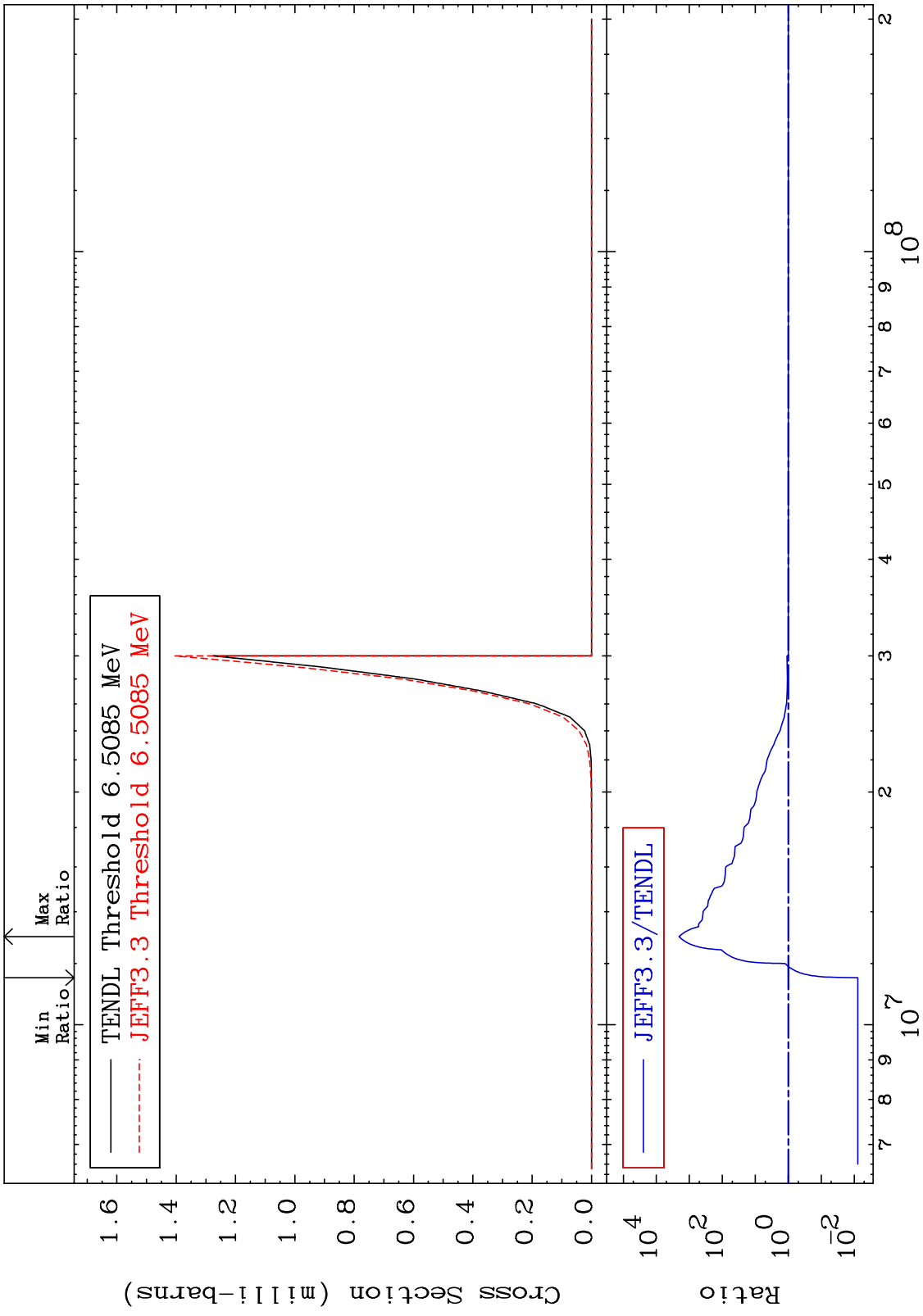


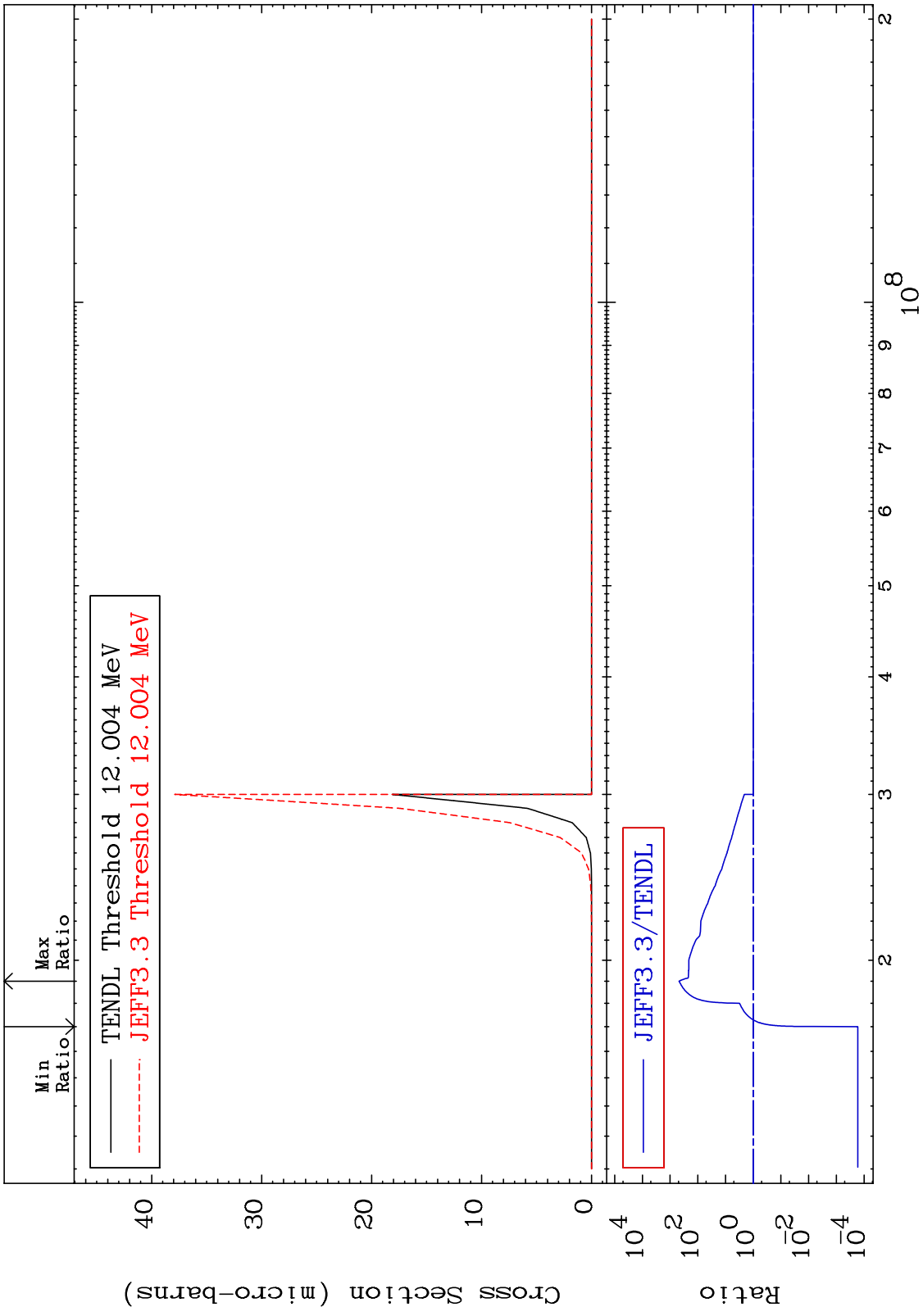
MAT 7649 (n,3n) Cross Section 76-Os-192 -1.151 To 1.816 %



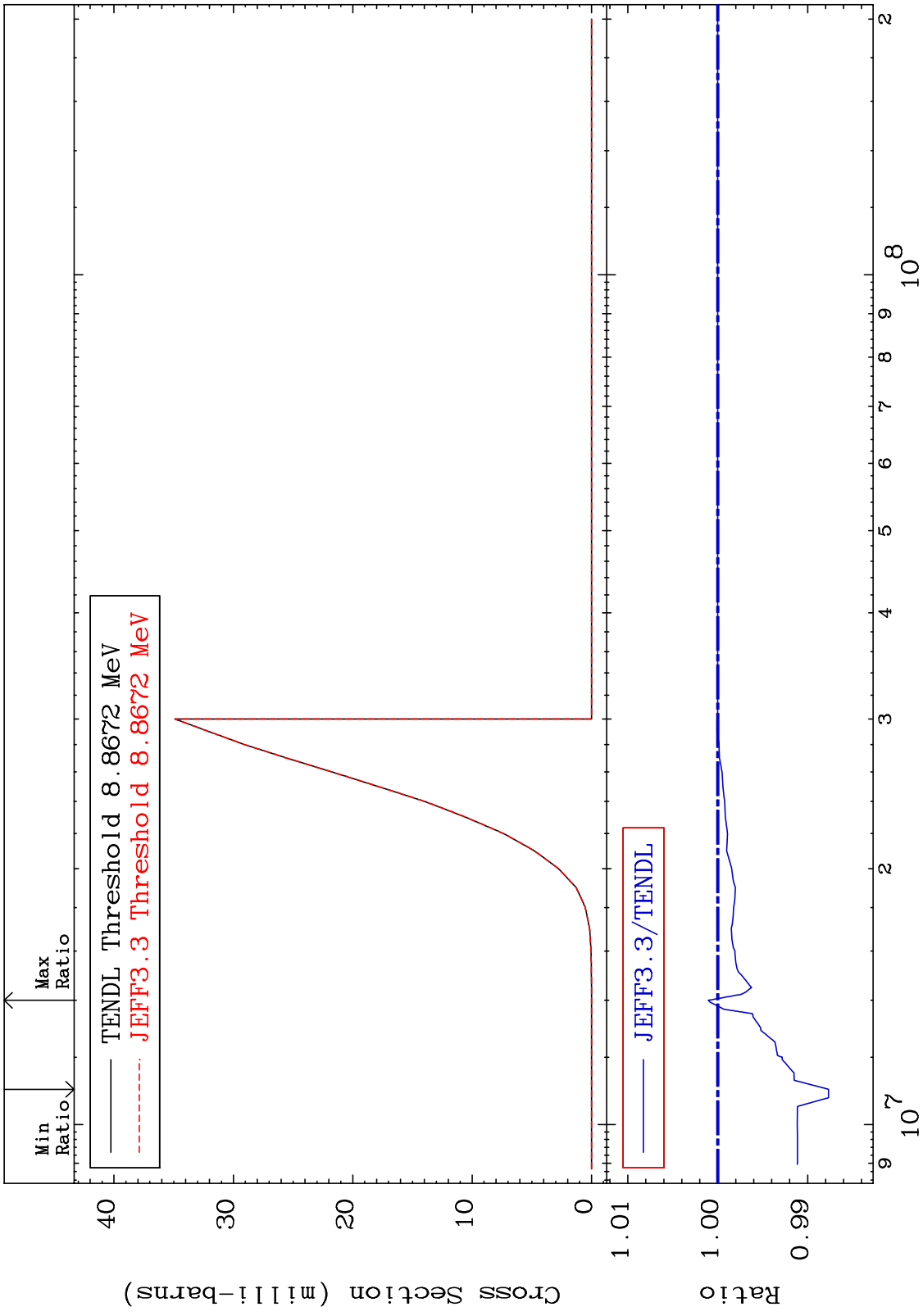
MAT 7649 $(n, n') \alpha$ Cross Section 76-Os-192 To 9999. %





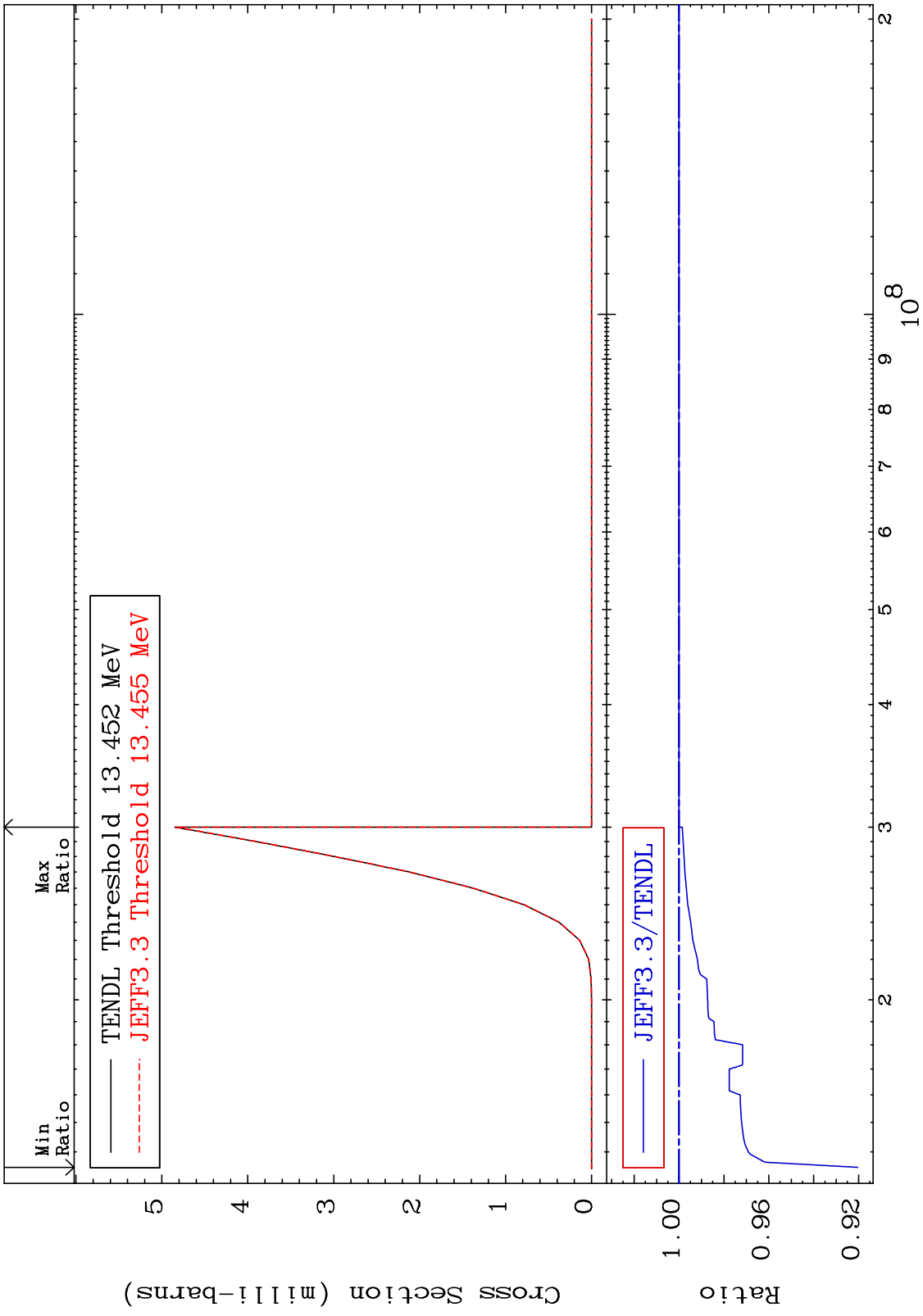


MAT 7649 (n,n') p 76-0s-192
Cross Section -1.232 To 0.105 %

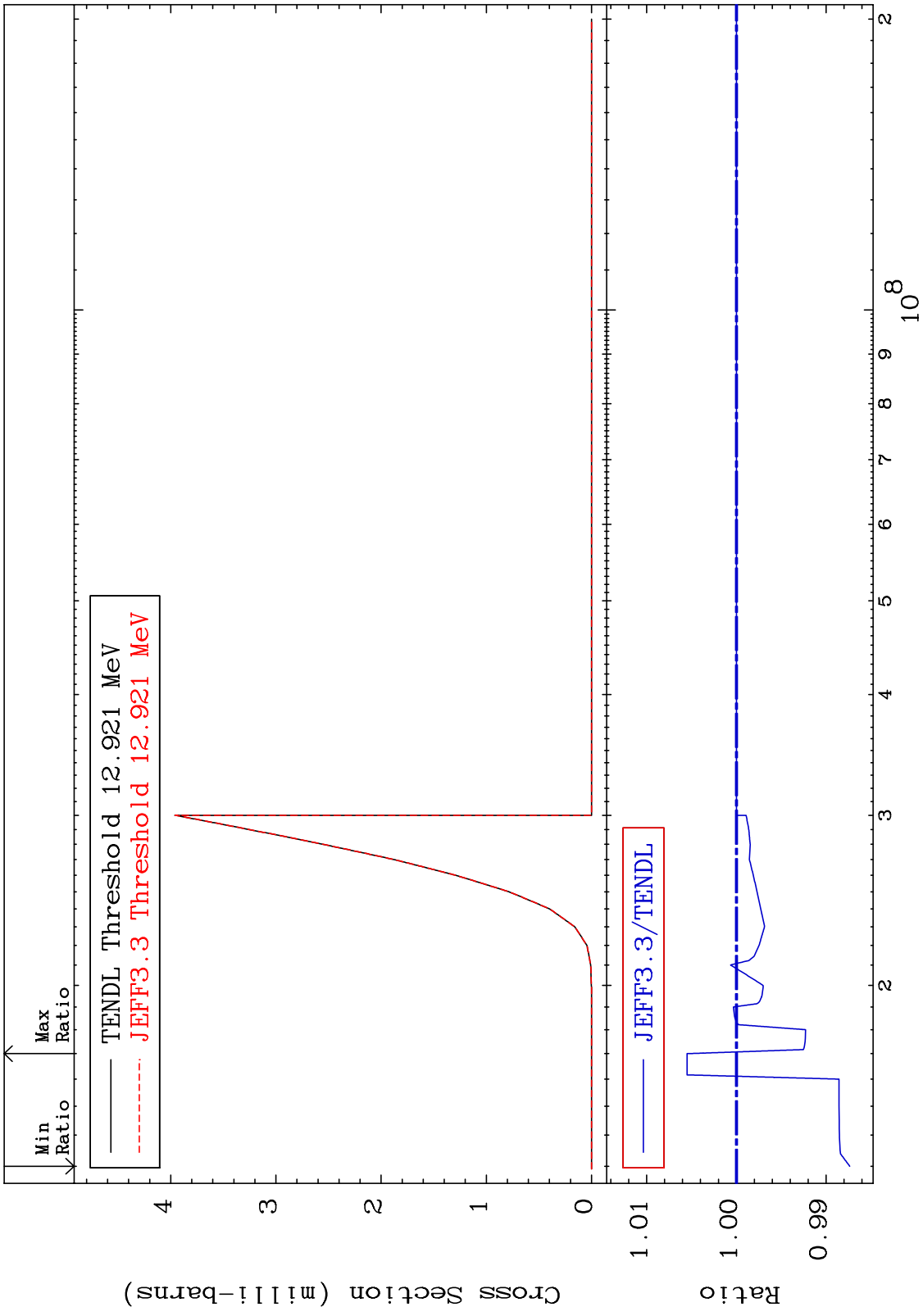


76-0s-192

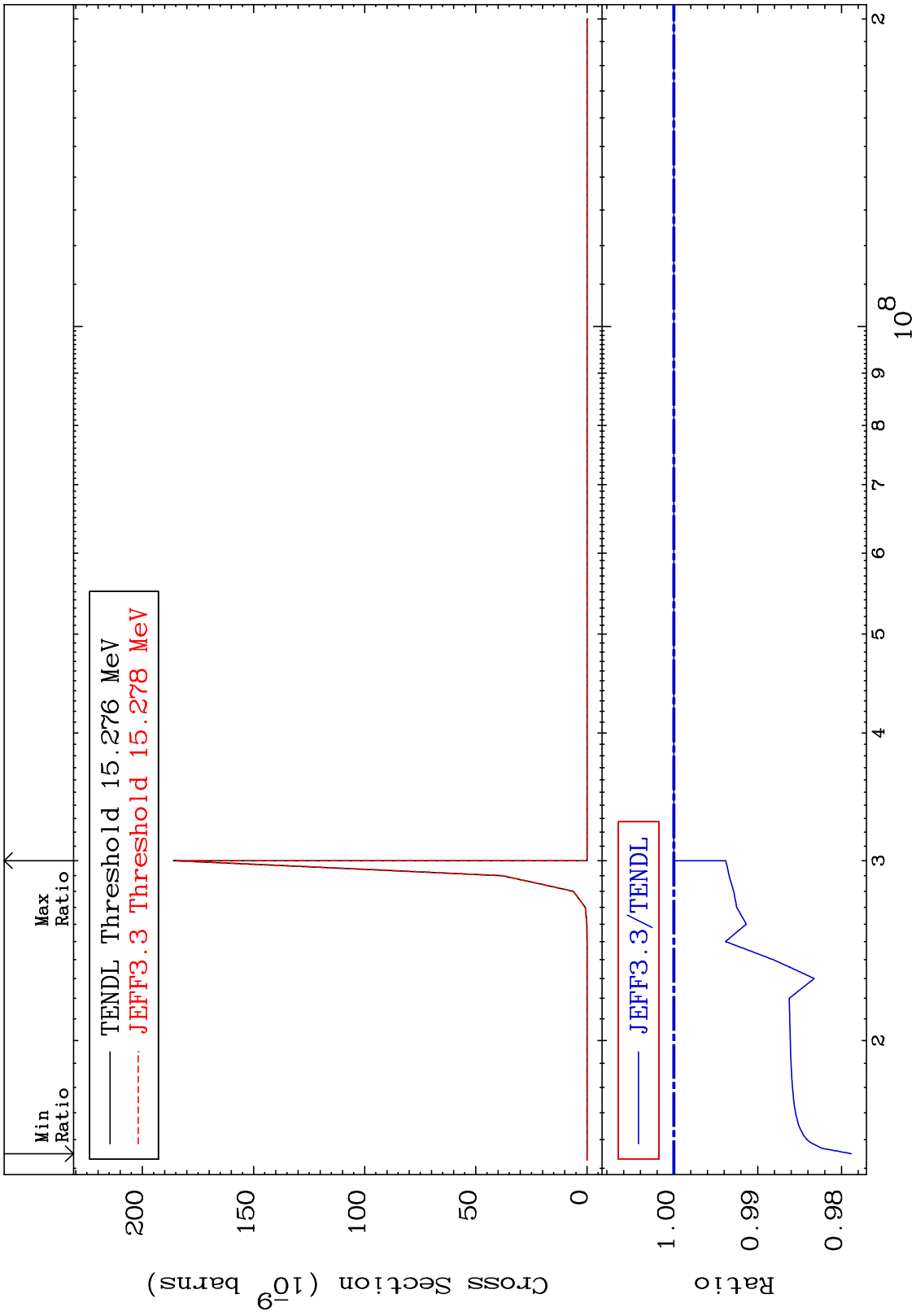
MAT 7649 (n, n') d 76-0s-192
 Cross Section -7.966 To 0.000 %



MAT 7649 (n,n') t 76-0s-192
 Cross Section -1.264 To 0.549 %



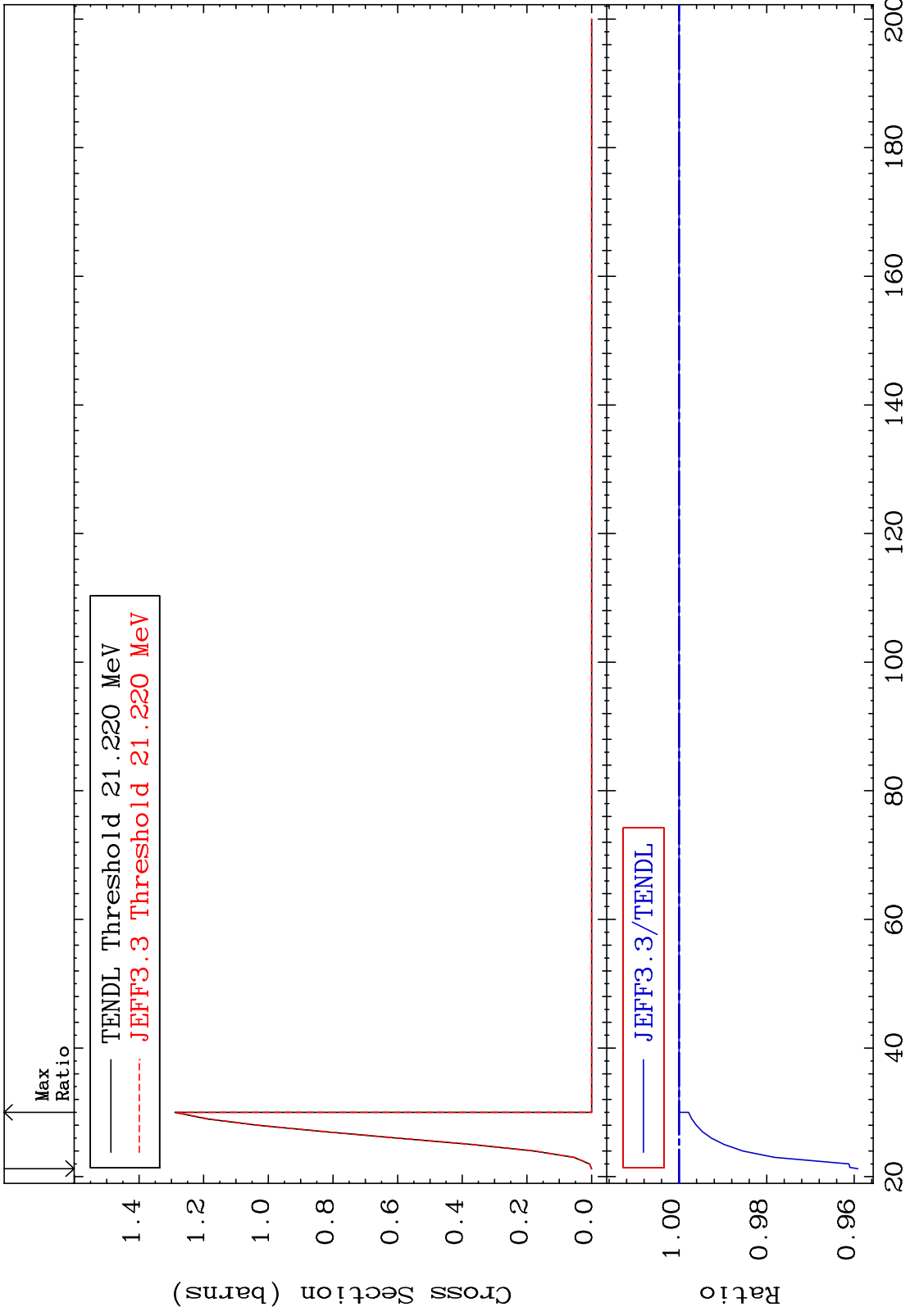
MAT 7649 (n, n') He-3 76-0s-192
 Cross Section -2.117 To 0.000 %



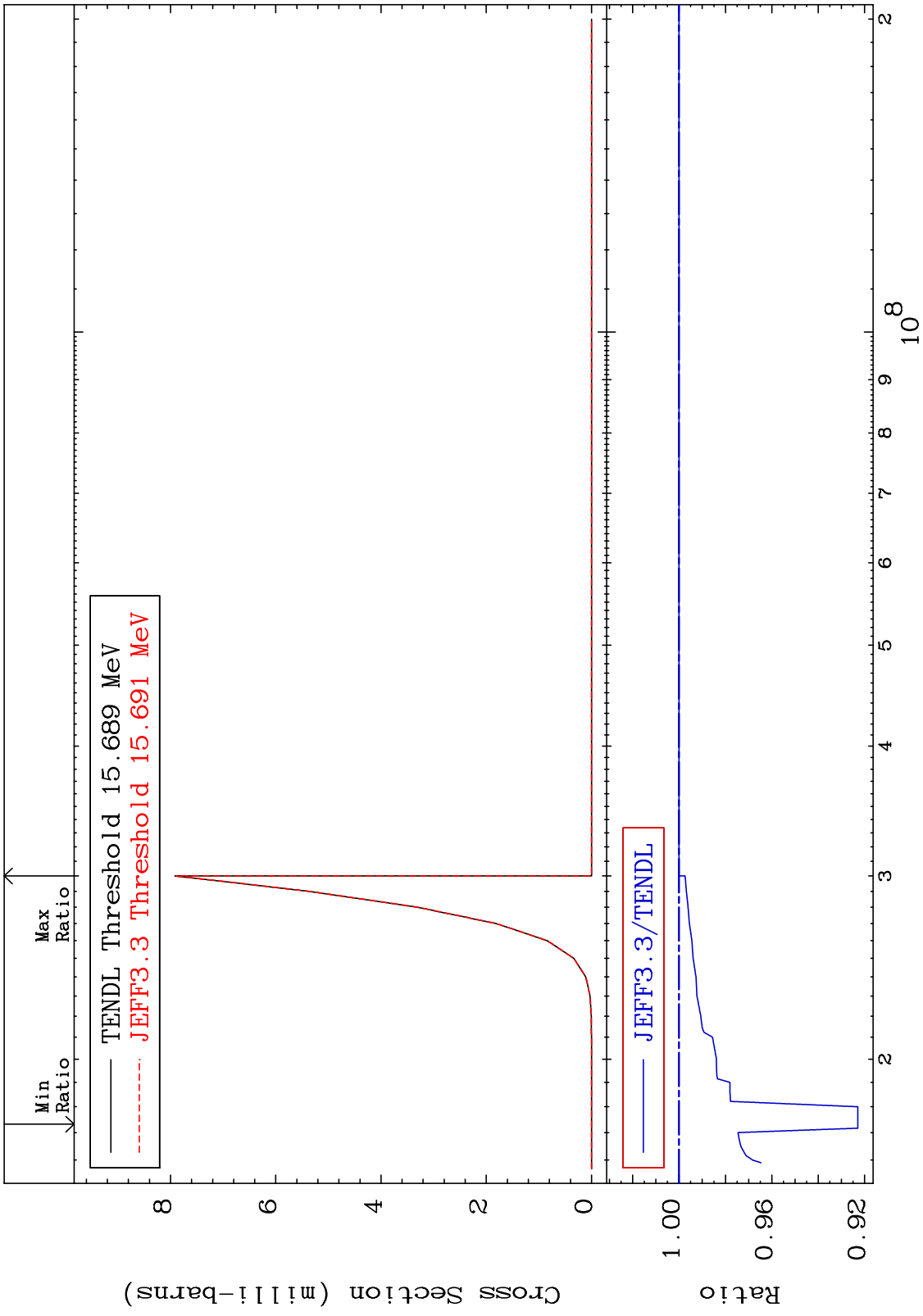
76-0s-192

Incident Energy (eV)

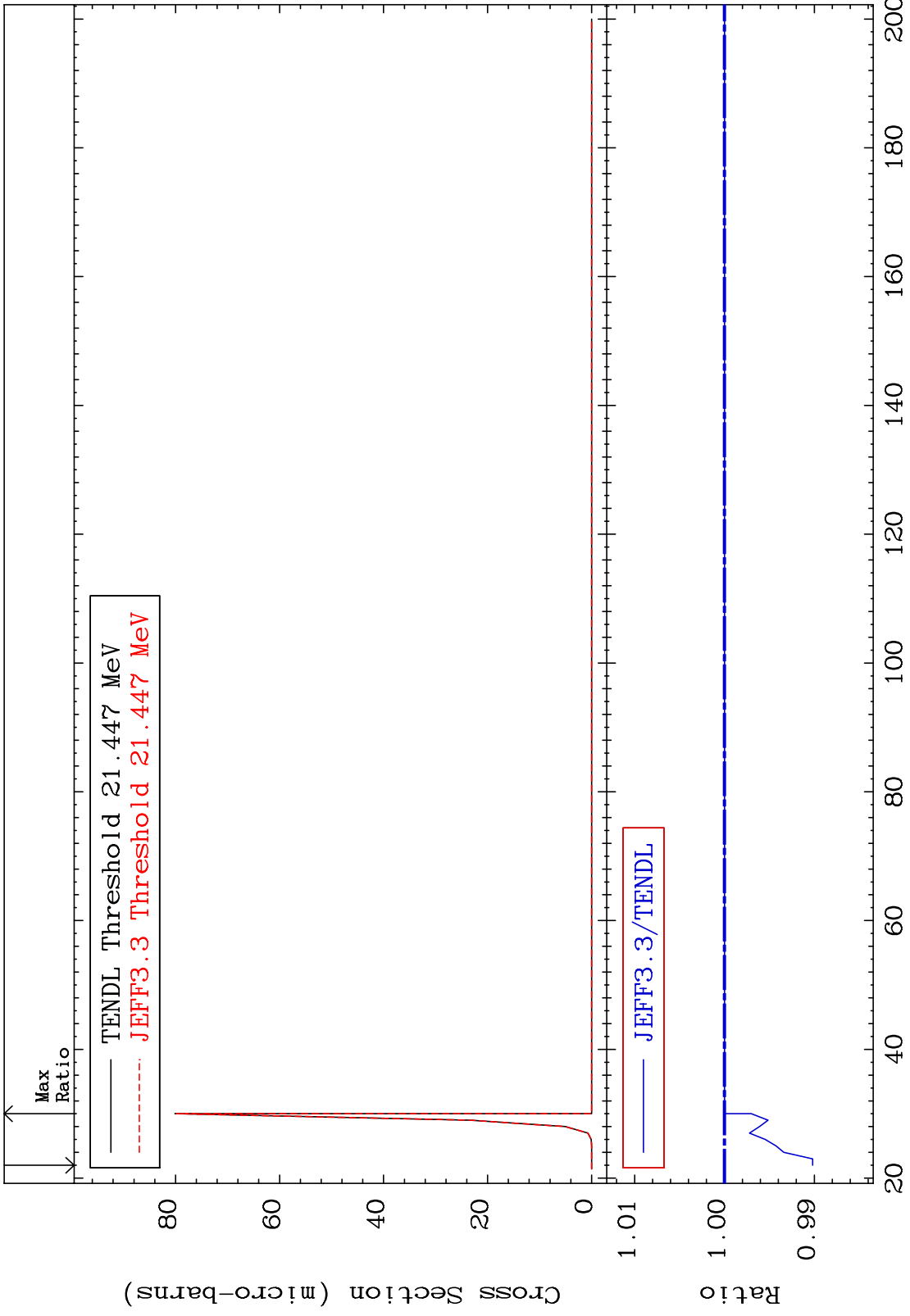
MAT 7649 (n,4n) Cross Section 76-0s-192
 -4.084 To 0.000 %

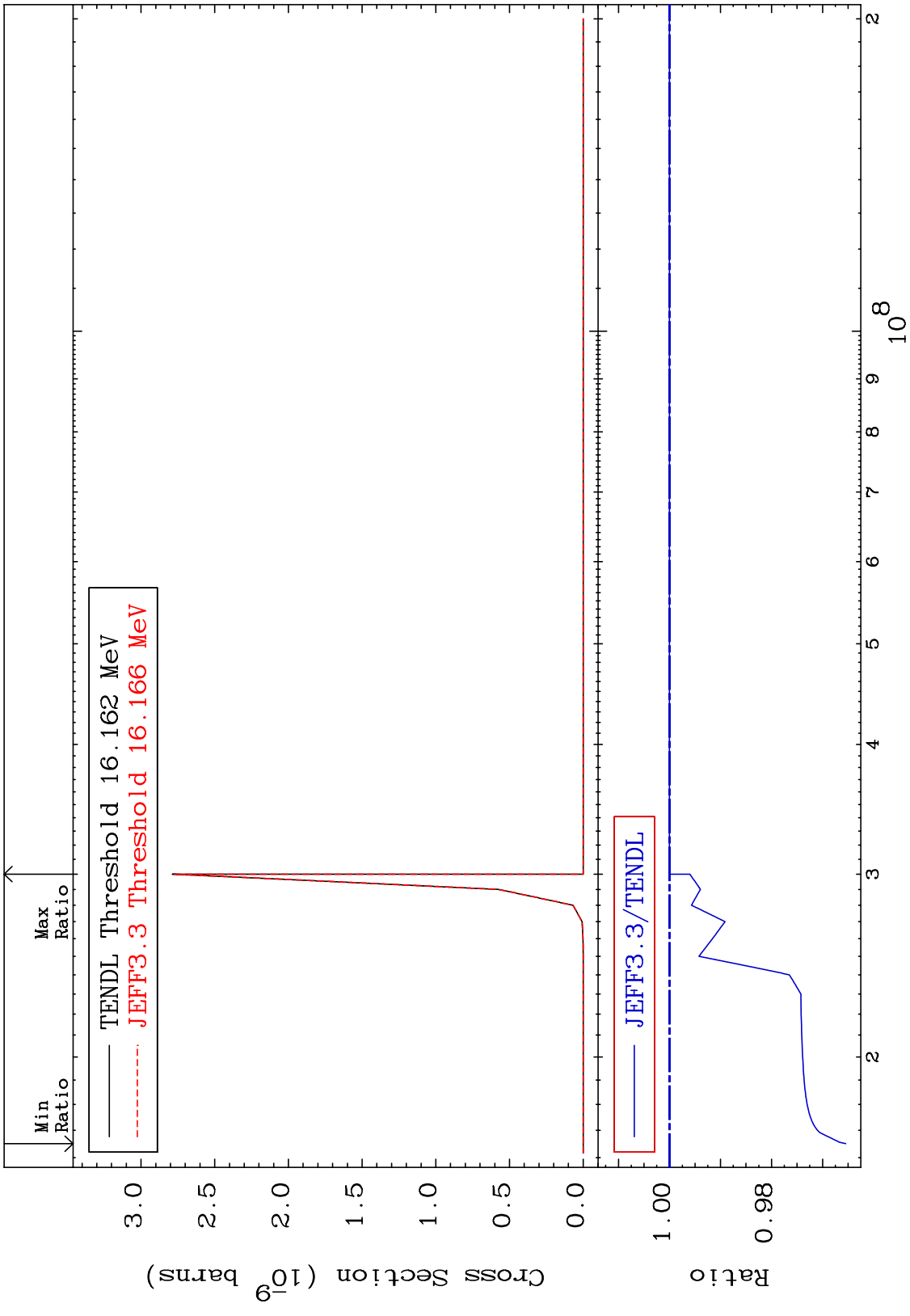


MAT 7649 (n,2n) p 76-0s-192
 Cross Section -7.705 To 0.000 %

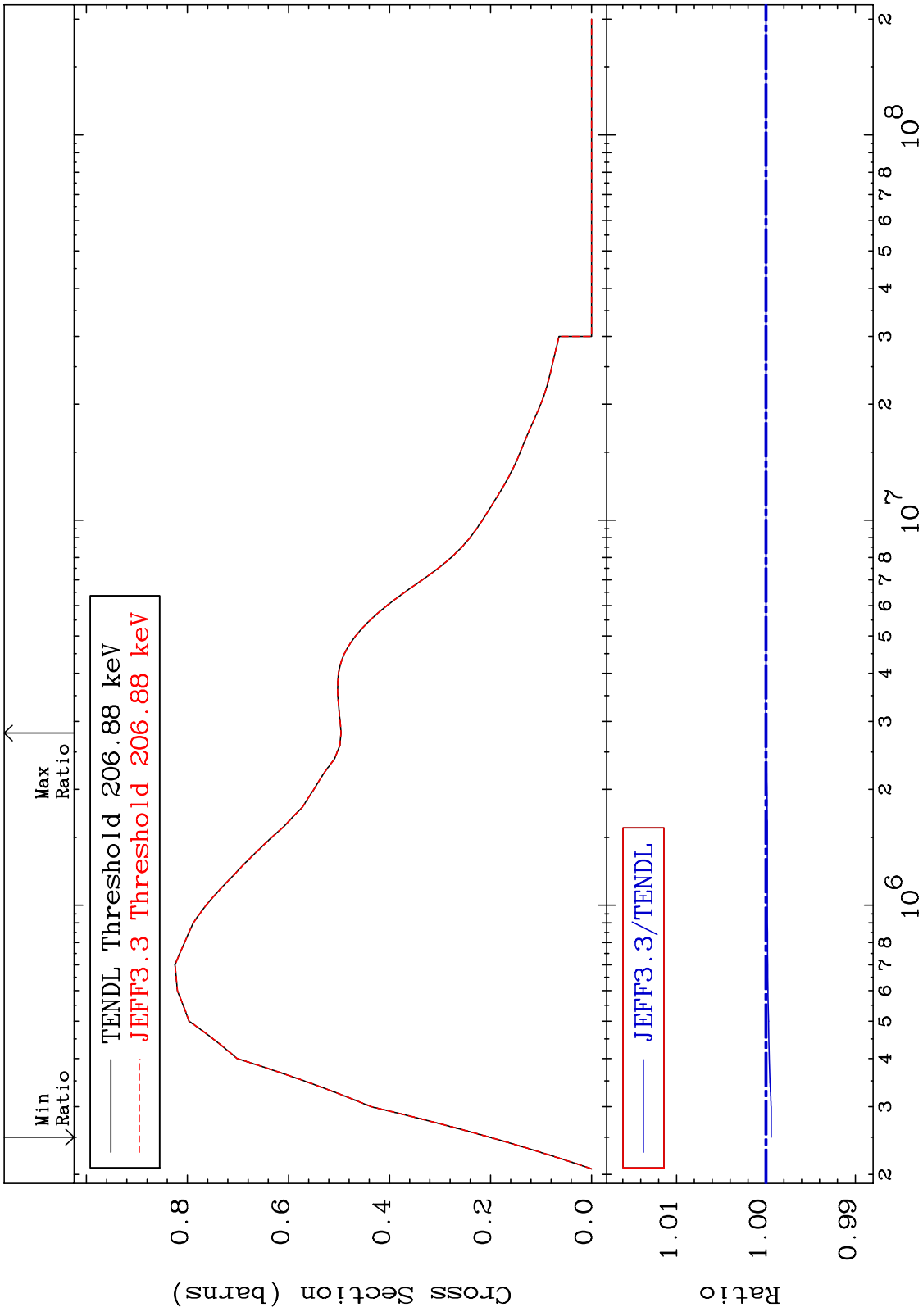


MAT 7649 (n,3n) p 76-0s-192
 Cross Section -0.982 To 0.000 %

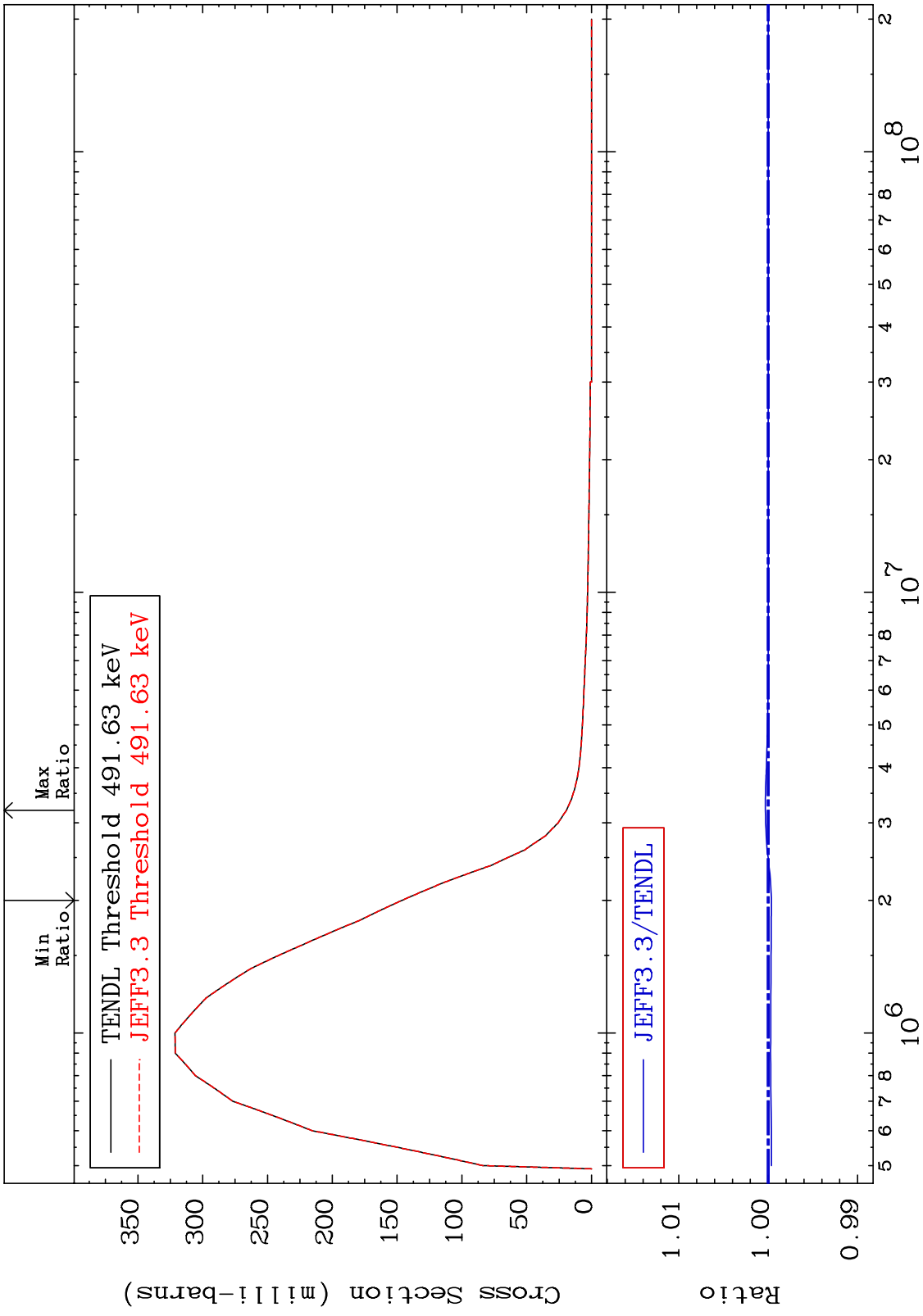




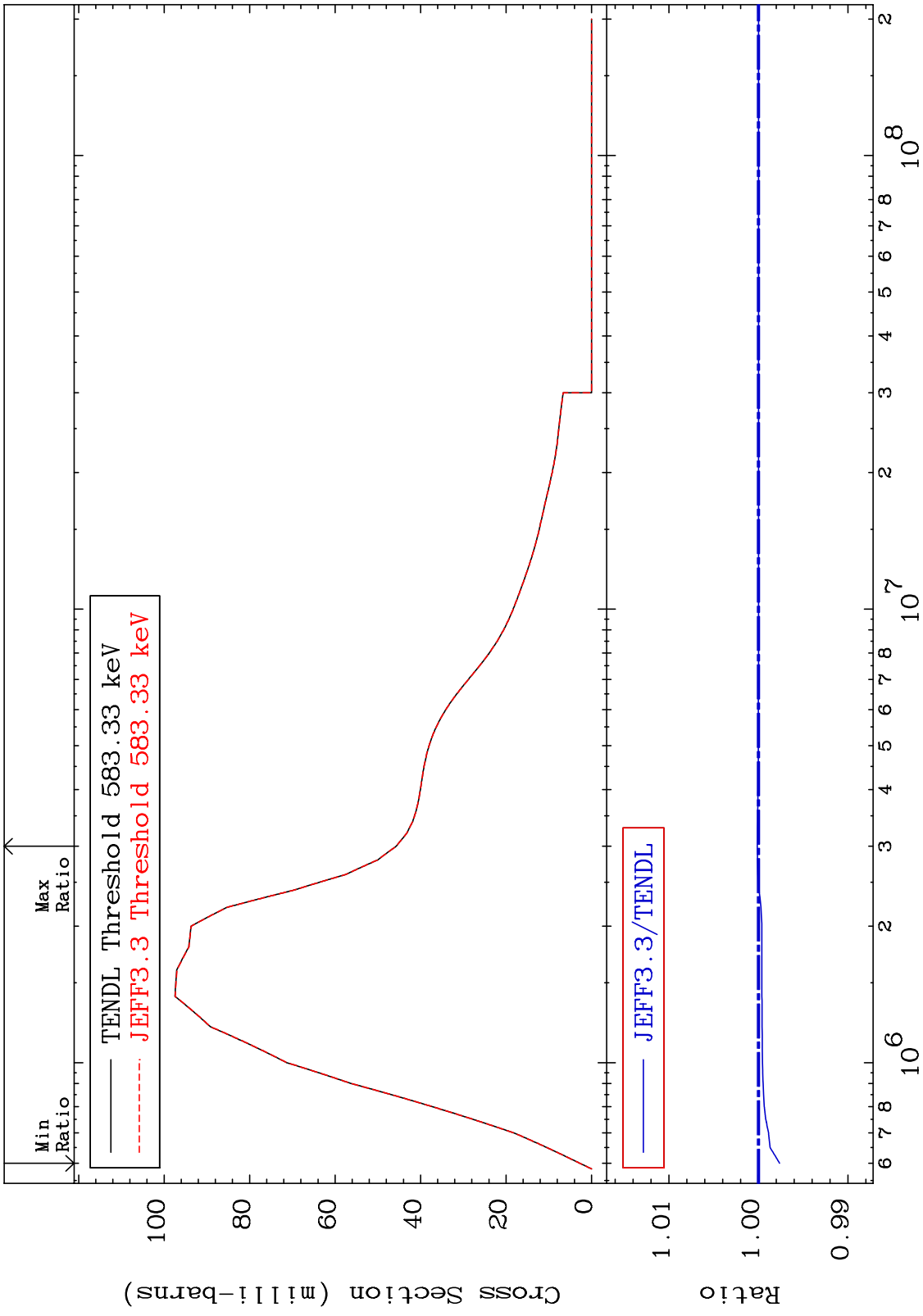
MAT 7649 MT= 51 (n,n') Level Cross Section 76-0s-192
 -0.058 To 0.002 %



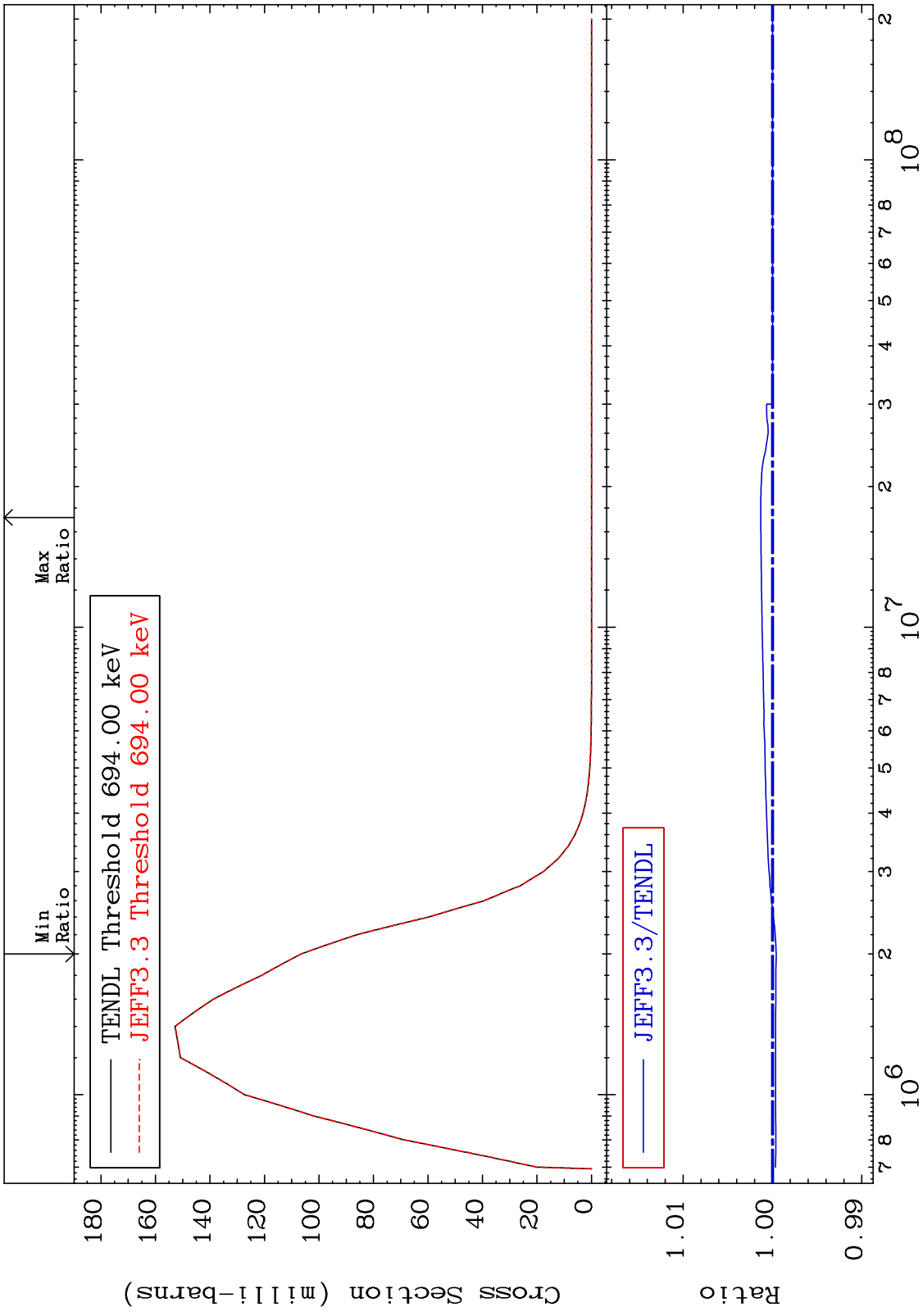
MAT 7649 MT= 52 (n,n') Level Cross Section 76-0s-192
 -0.037 To 0.031 %



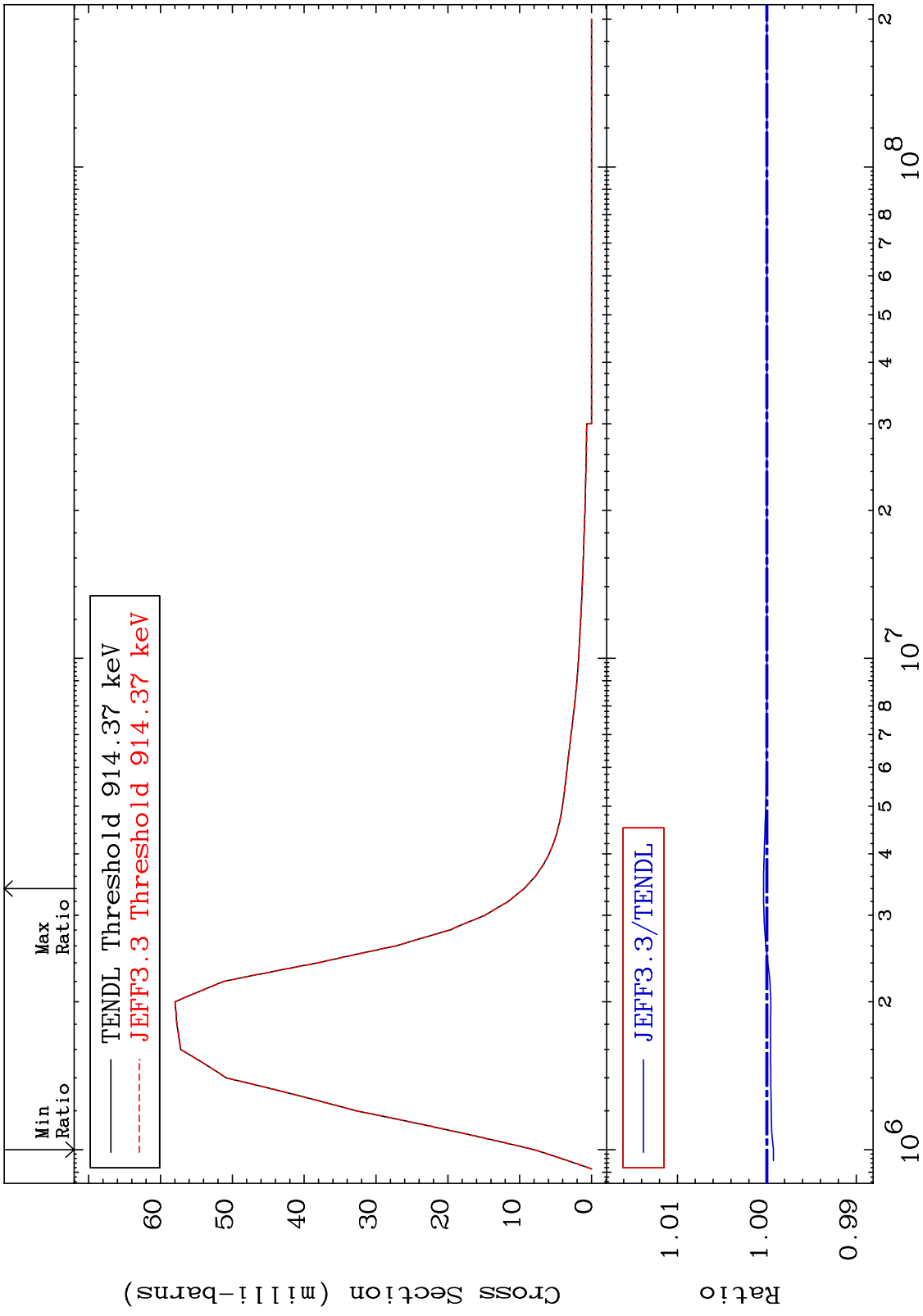
MAT 7649 MT= 53 (n,n') Level Cross Section 76-0s-192
 -0.236 To 0.013 %



MAT 7649 MT= 54 (n,n') Level Cross Section 76-0s-192
 -0.041 To 0.131 %

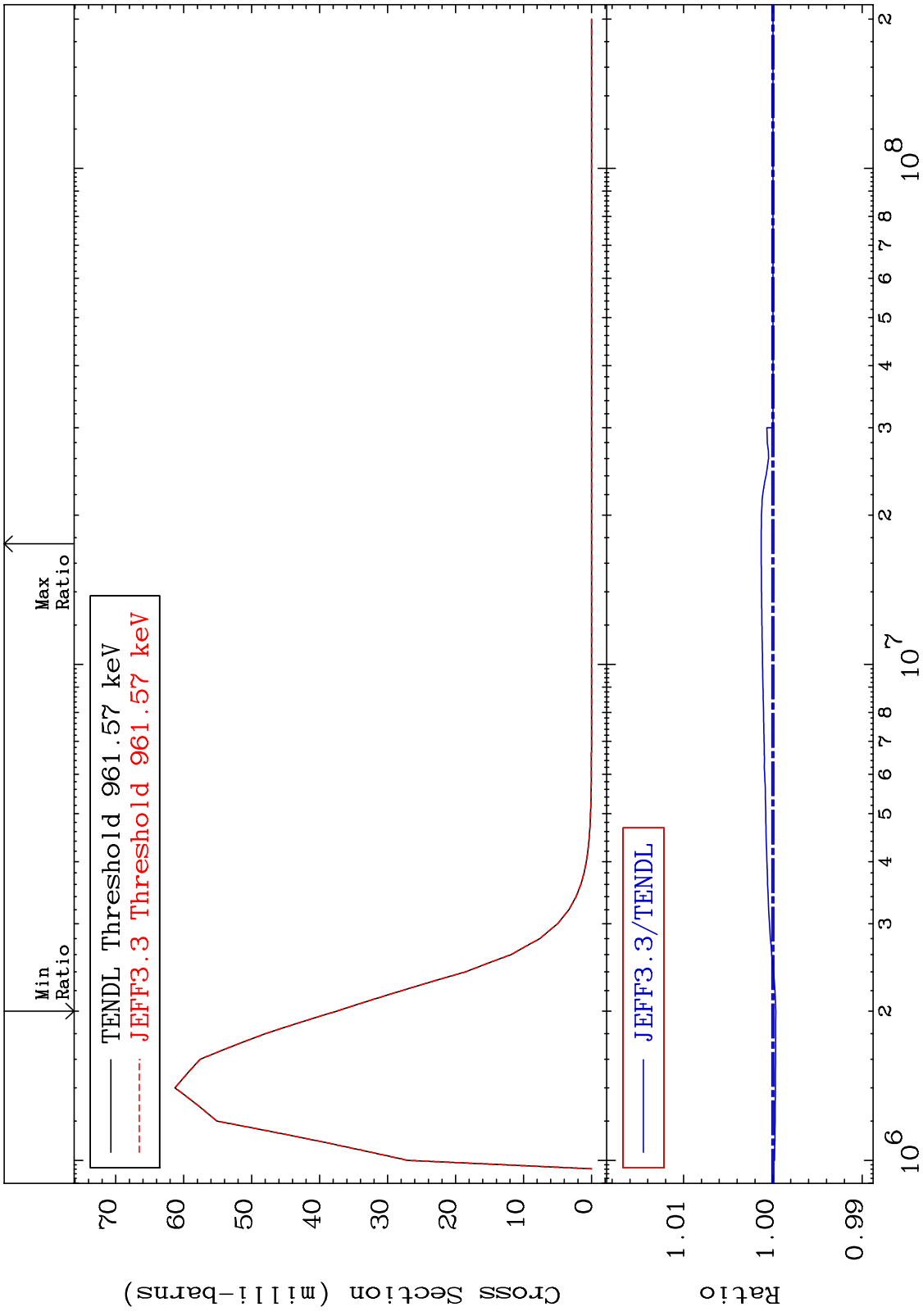


MAT 7649 MT= 55 (n,n') Level Cross Section 76-0s-192
-0.074 To 0.037 %



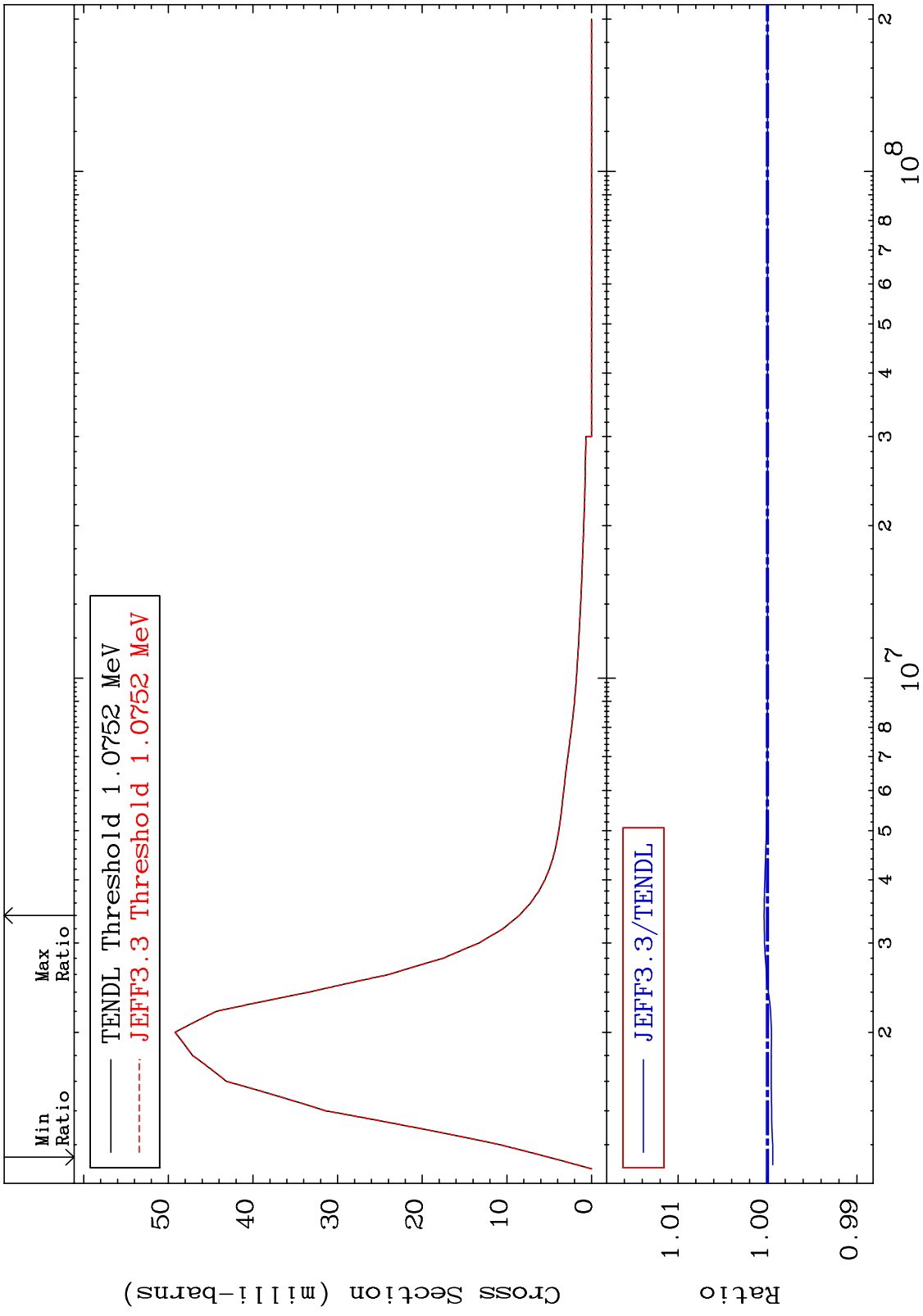
22 76-0s-192

MAT 7649 MT= 56 (n,n') Level Cross Section 76-0s-192
 -0.032 To 0.131 %

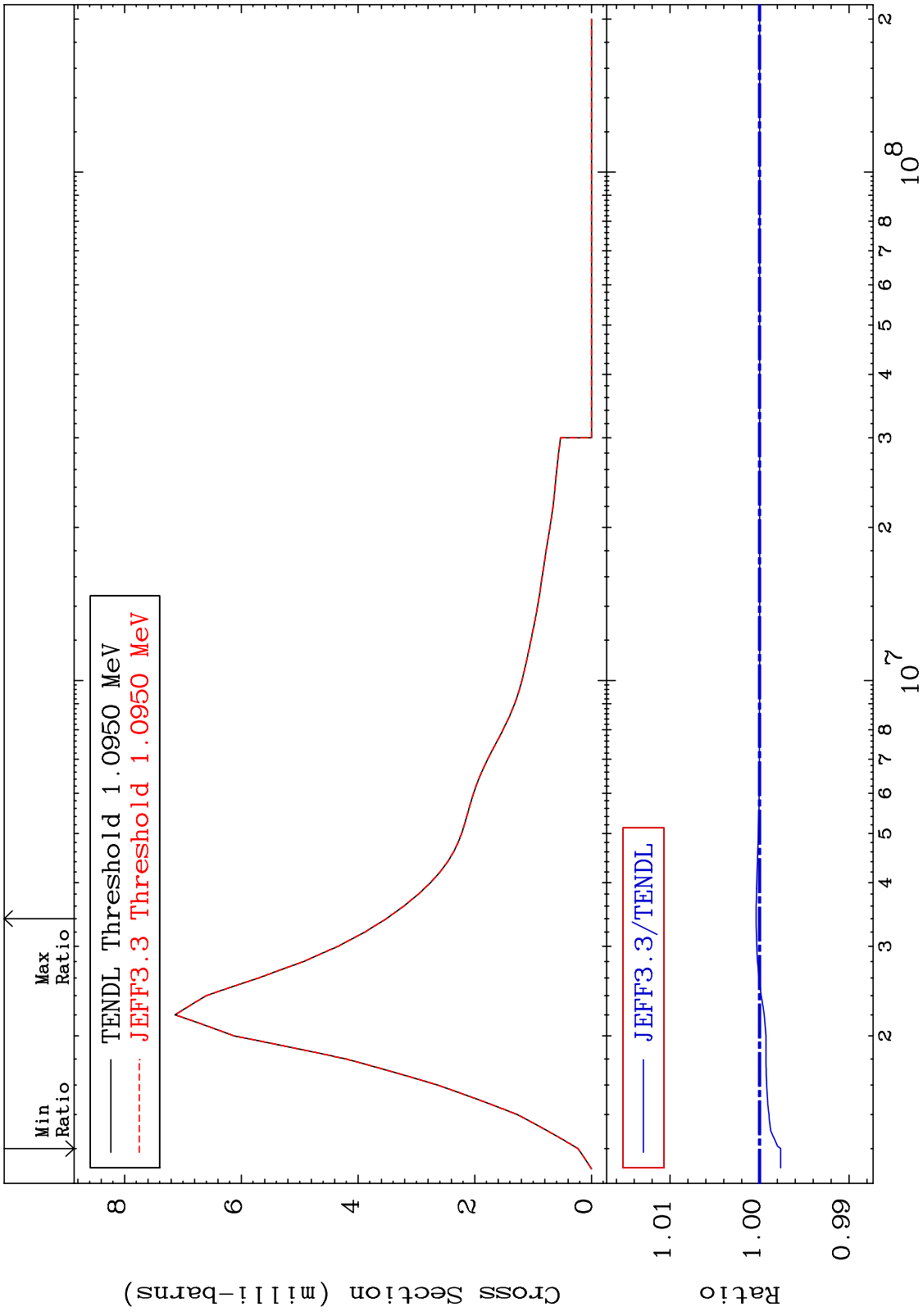


Incident Energy (eV) 76-0s-192

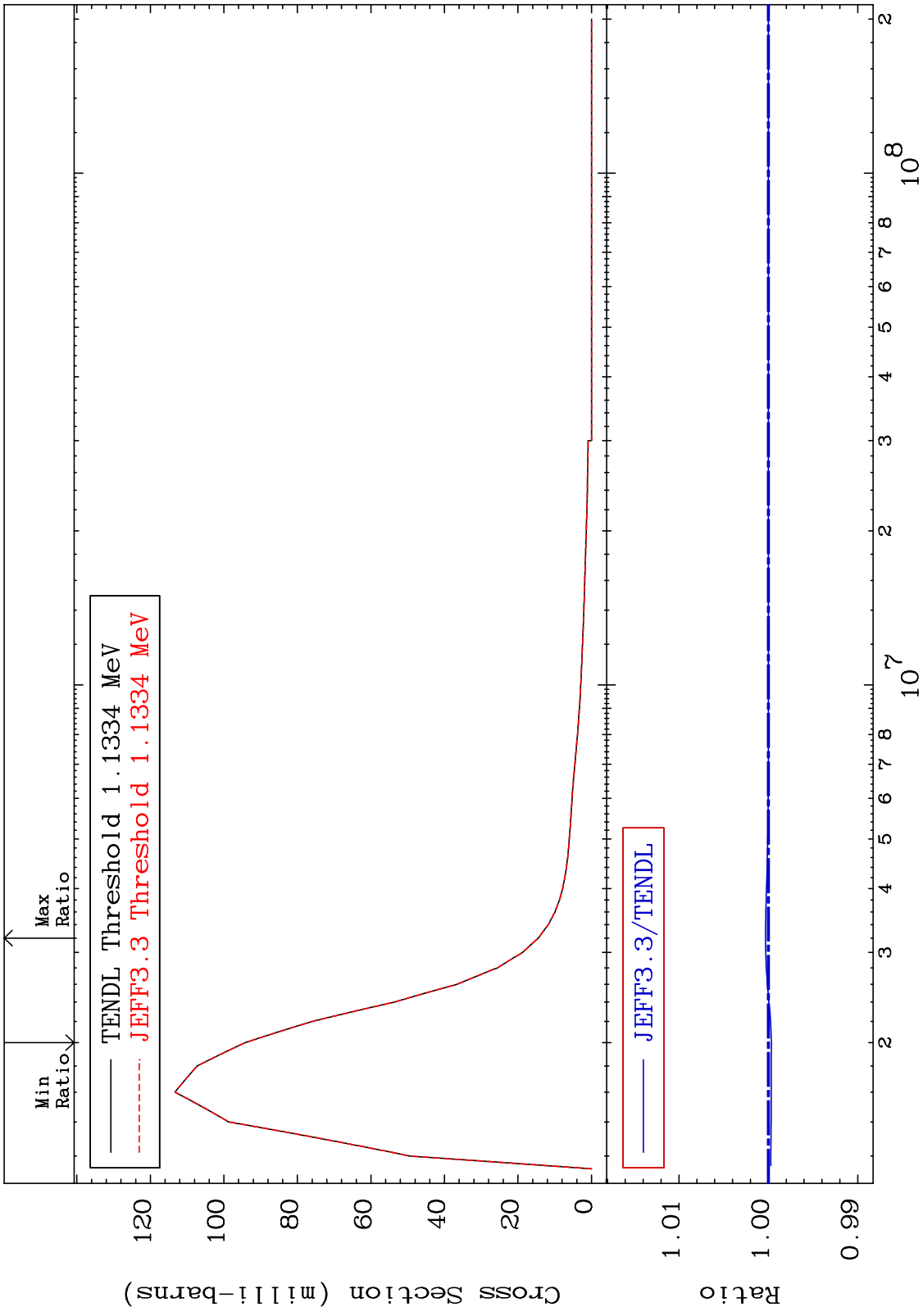
MAT 7649 MT= 57 (n,n') Level Cross Section 76-0s-192
 -0.060 To 0.037 %



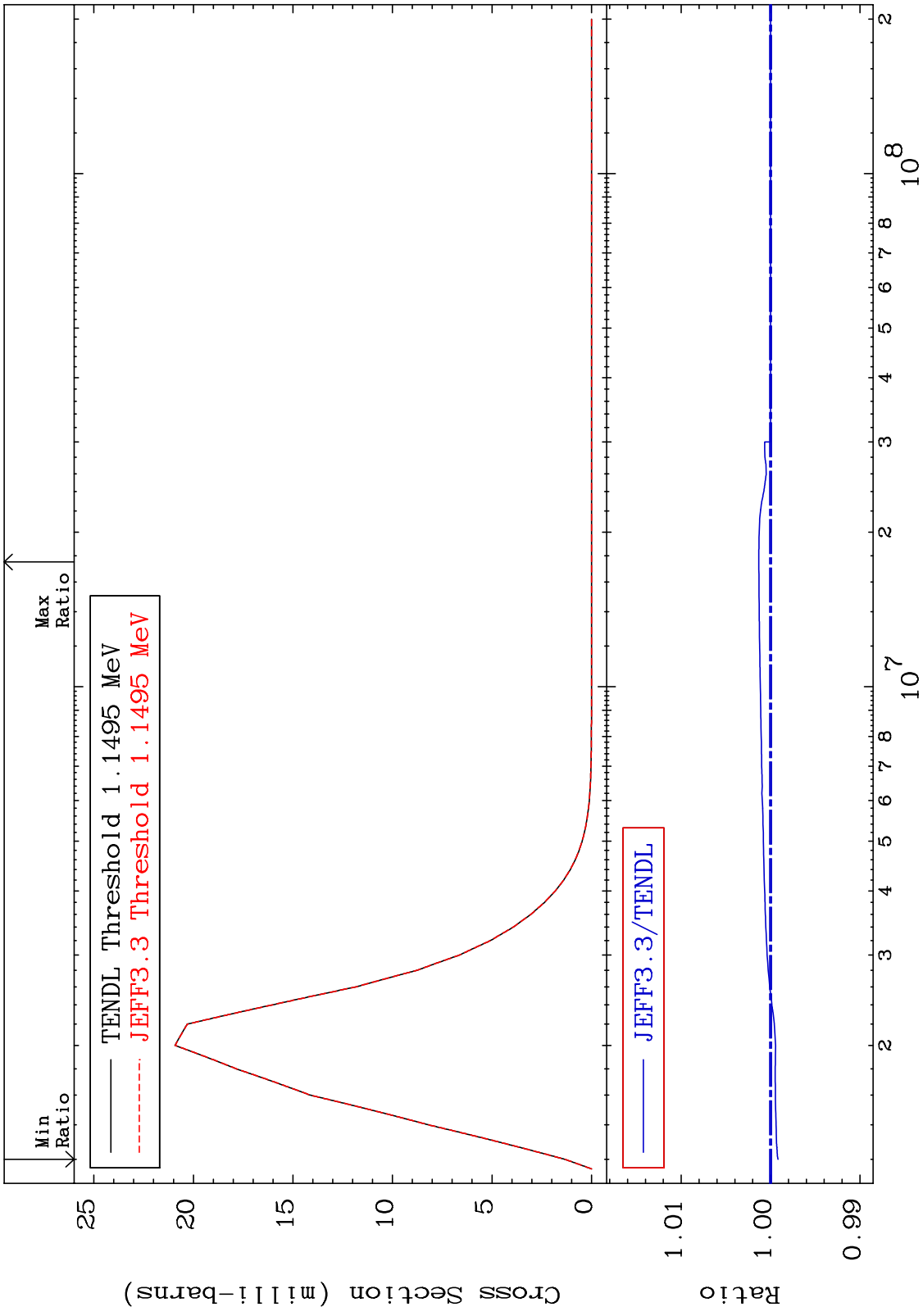
MAT 7649 MT= 58 (n,n') Level Cross Section 76-0s-192
 -0.236 To 0.038 %



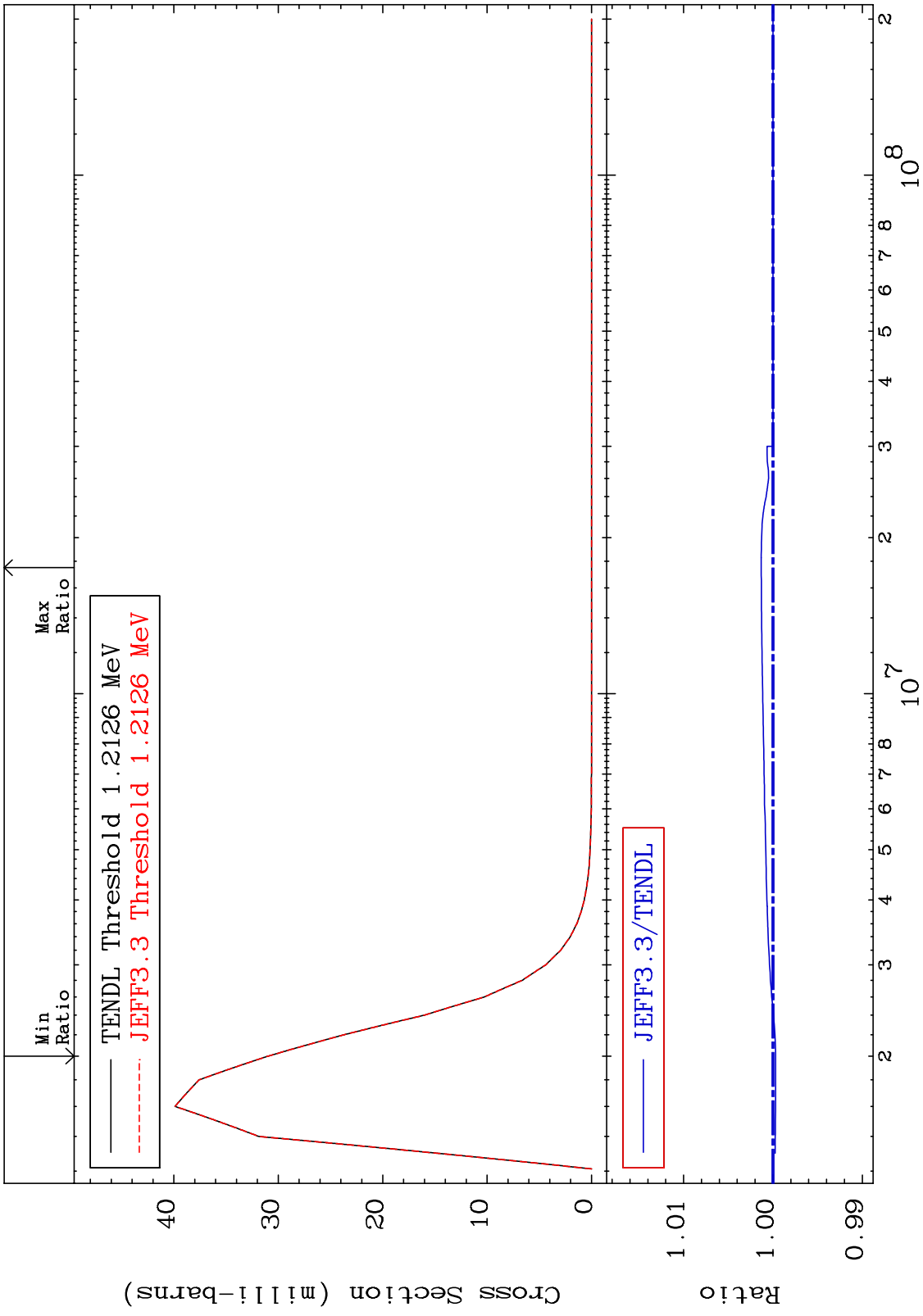
MAT 7649 MT= 59 (n,n') Level Cross Section 76-0s-192
 -0.034 To 0.032 %



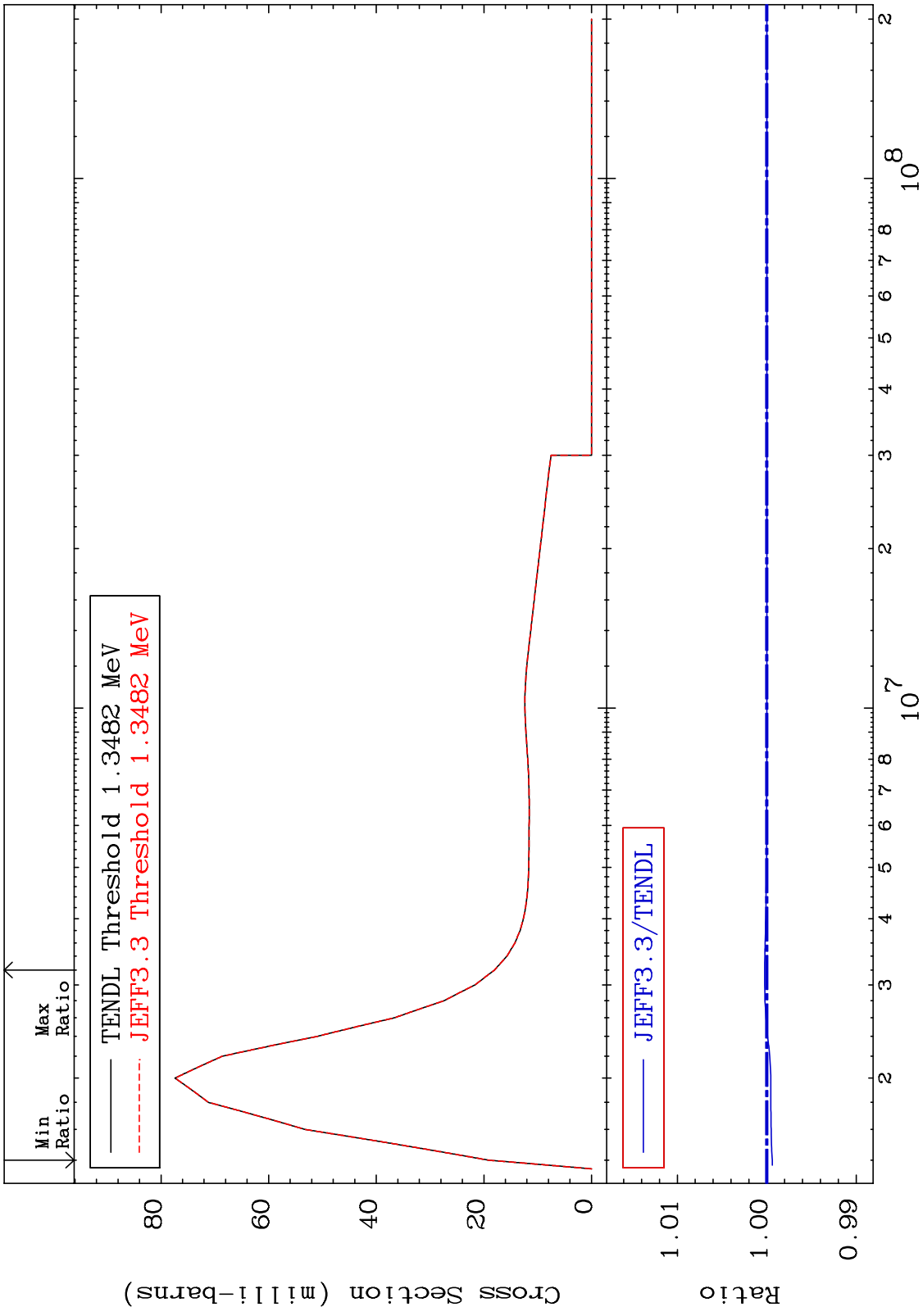
MAT 7649 MT= 60 (n,n') Level Cross Section 76-0s-192
 -0.083 To 0.132 %



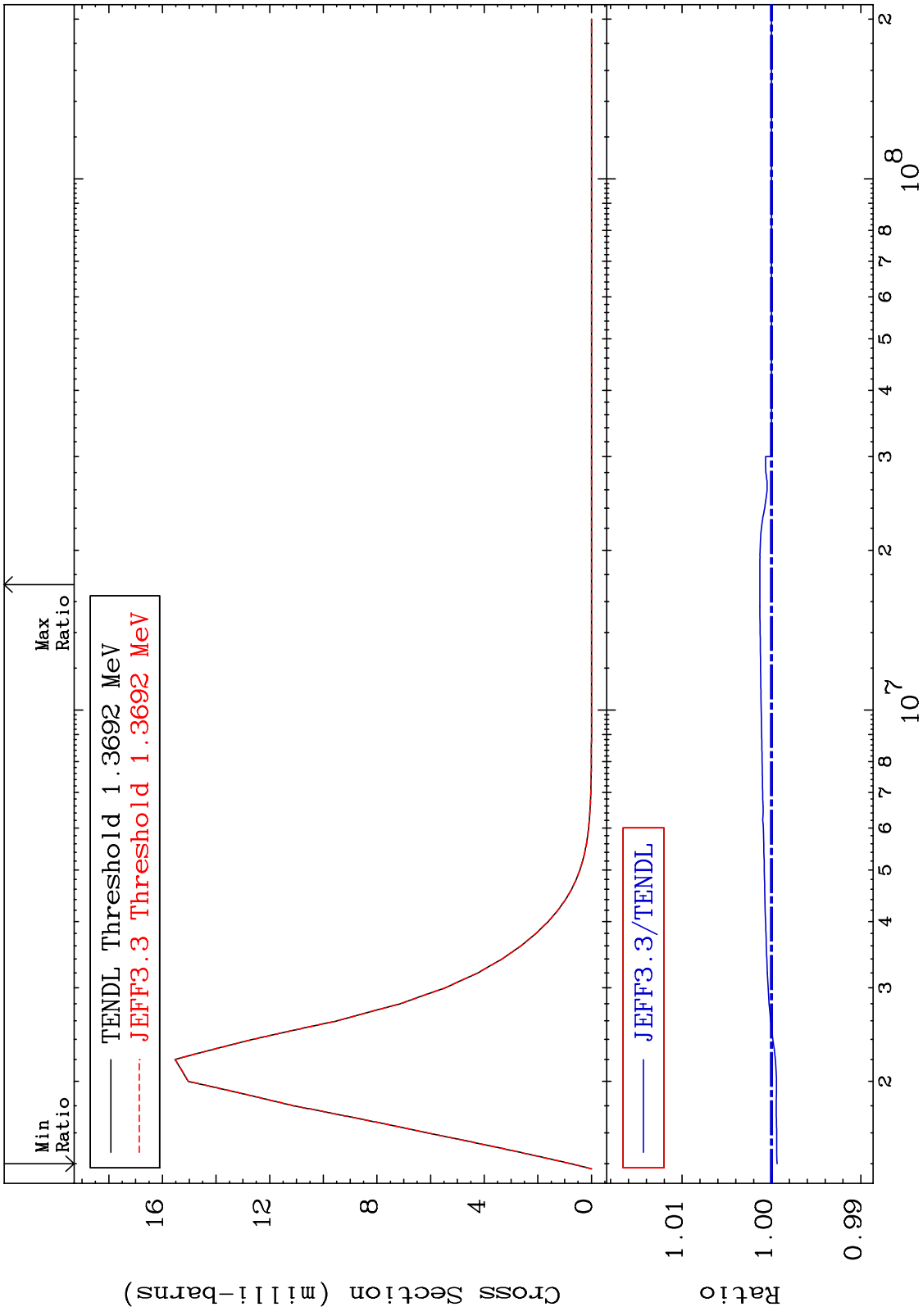
MAT 7649 MT= 61 (n,n') Level Cross Section 76-0s-192
 -0.031 To 0.131 %



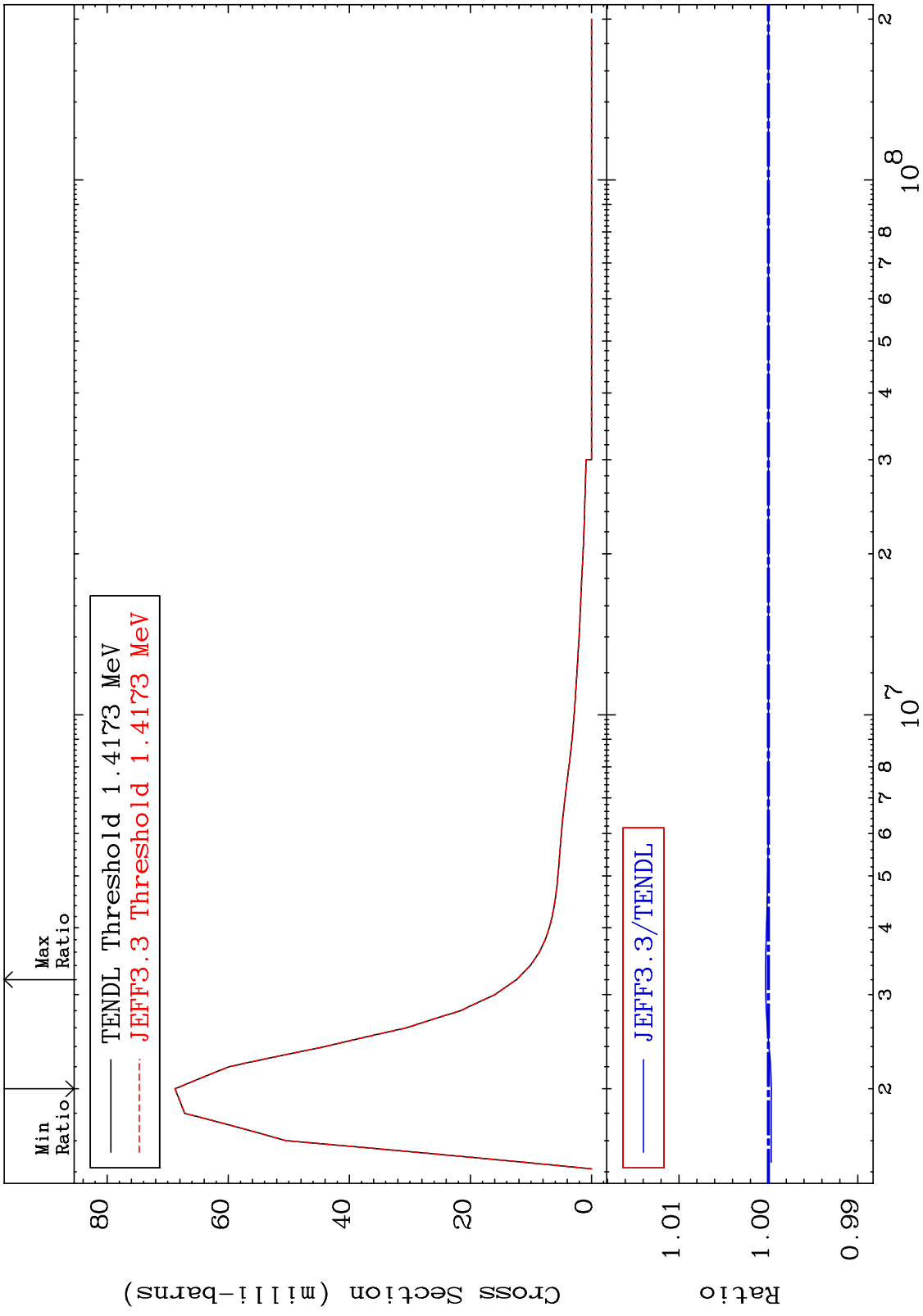
MAT 7649 MT= 62 (n,n') Level Cross Section 76-0s-192
 -0.062 To 0.024 %



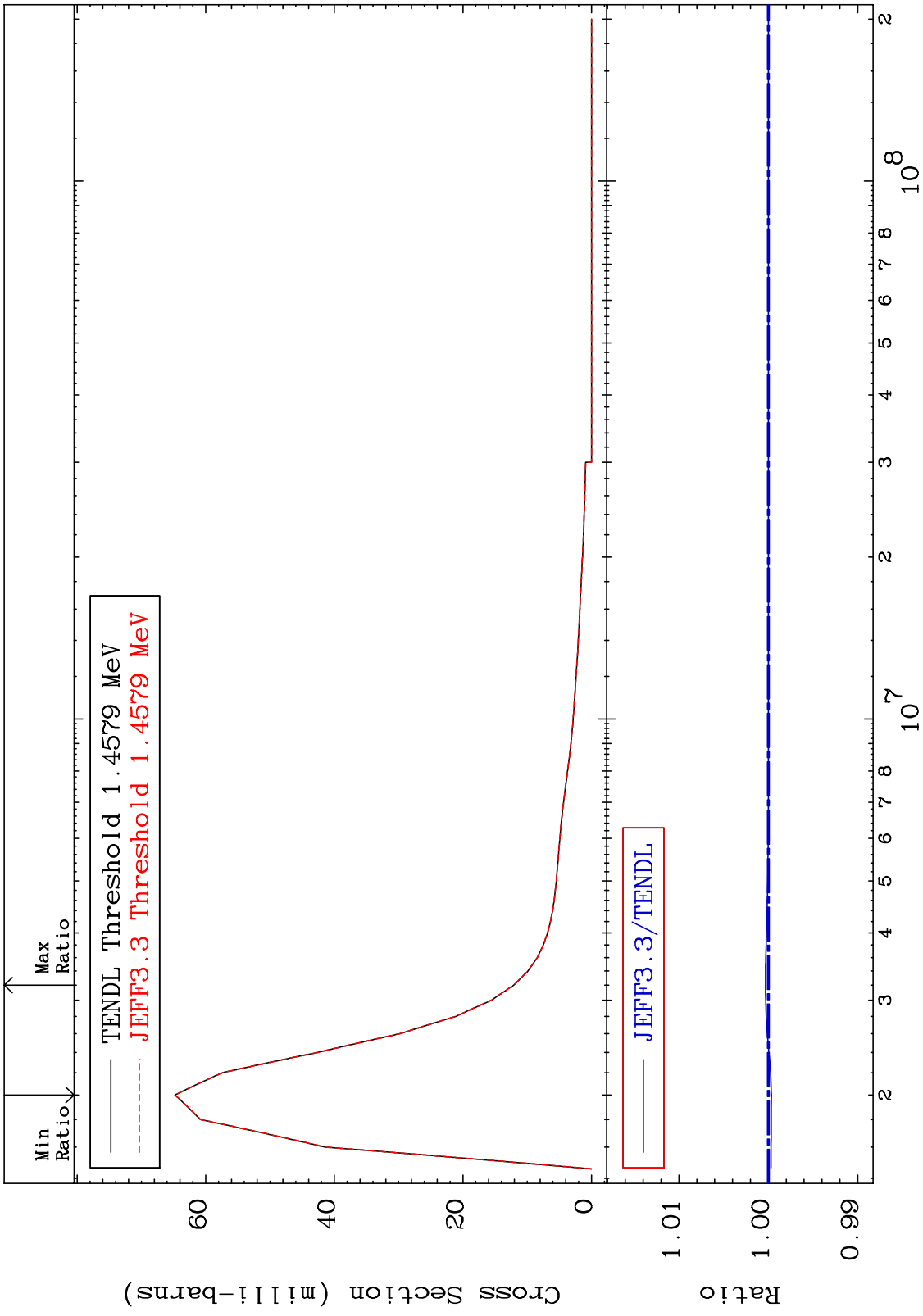
MAT 7649 MT= 63 (n,n') Level Cross Section 76-0s-192
 -0.063 To 0.131 %



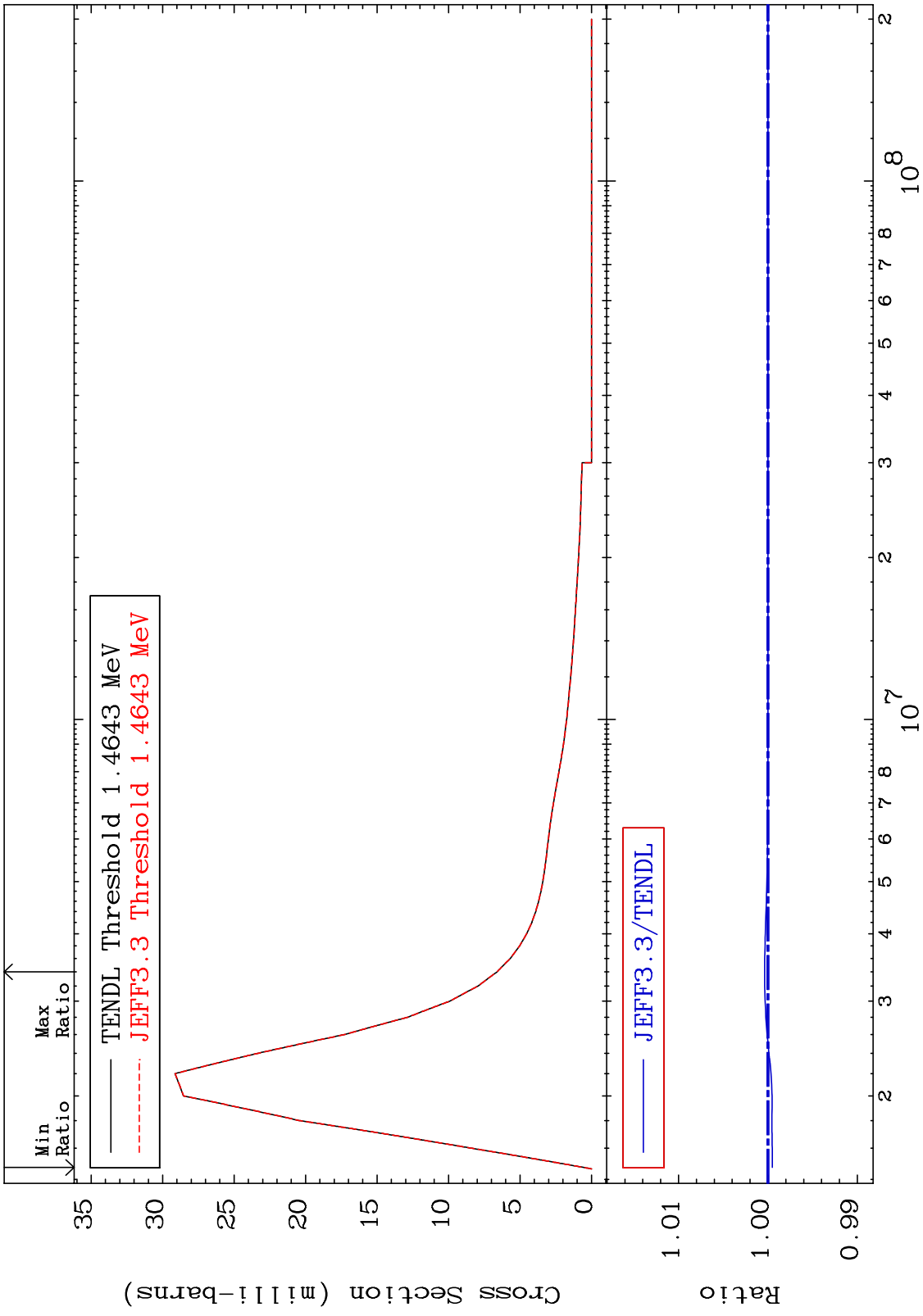
MAT 7649 MT= 64 (n,n') Level Cross Section 76-0s-192
 -0.034 To 0.032 %



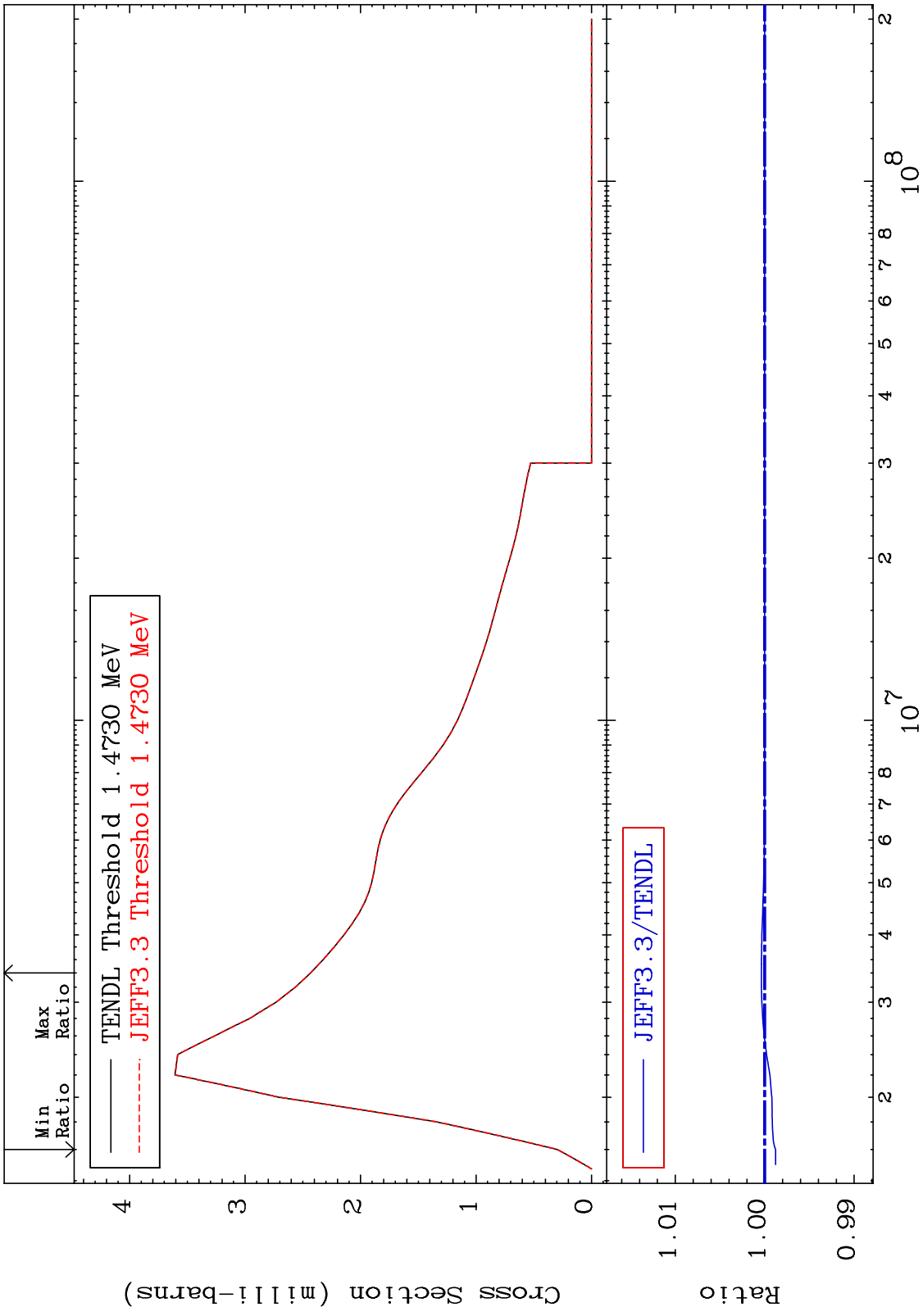
MAT 7649 MT= 65 (n,n') Level Cross Section 76-0s-192
 -0.034 To 0.031 %



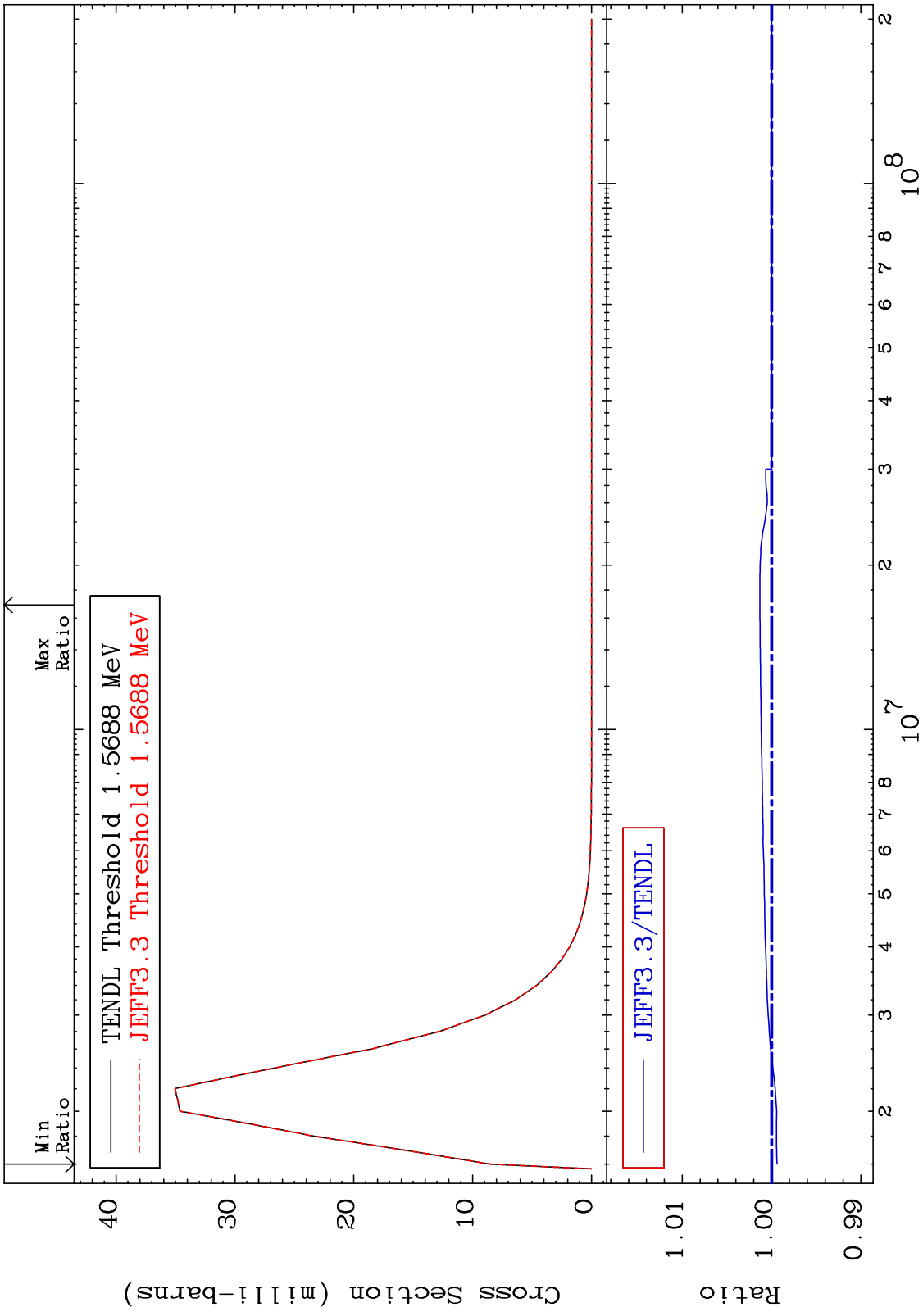
MAT 7649 MT= 66 (n,n') Level Cross Section 76-0s-192
 -0.048 To 0.037 %



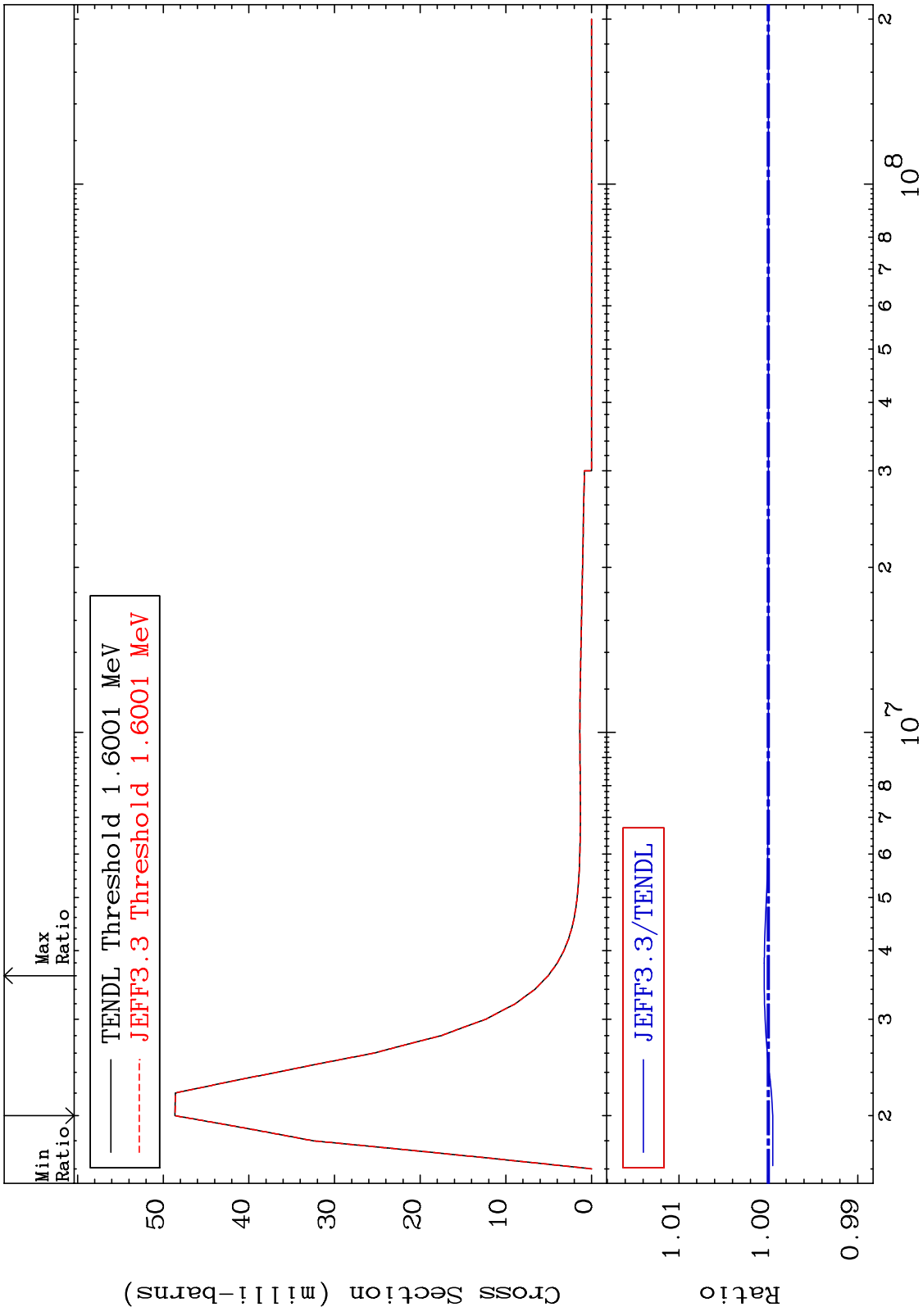
MAT 7649 MT= 67 (n,n') Level Cross Section 76-0s-192
 -0.121 To 0.038 %



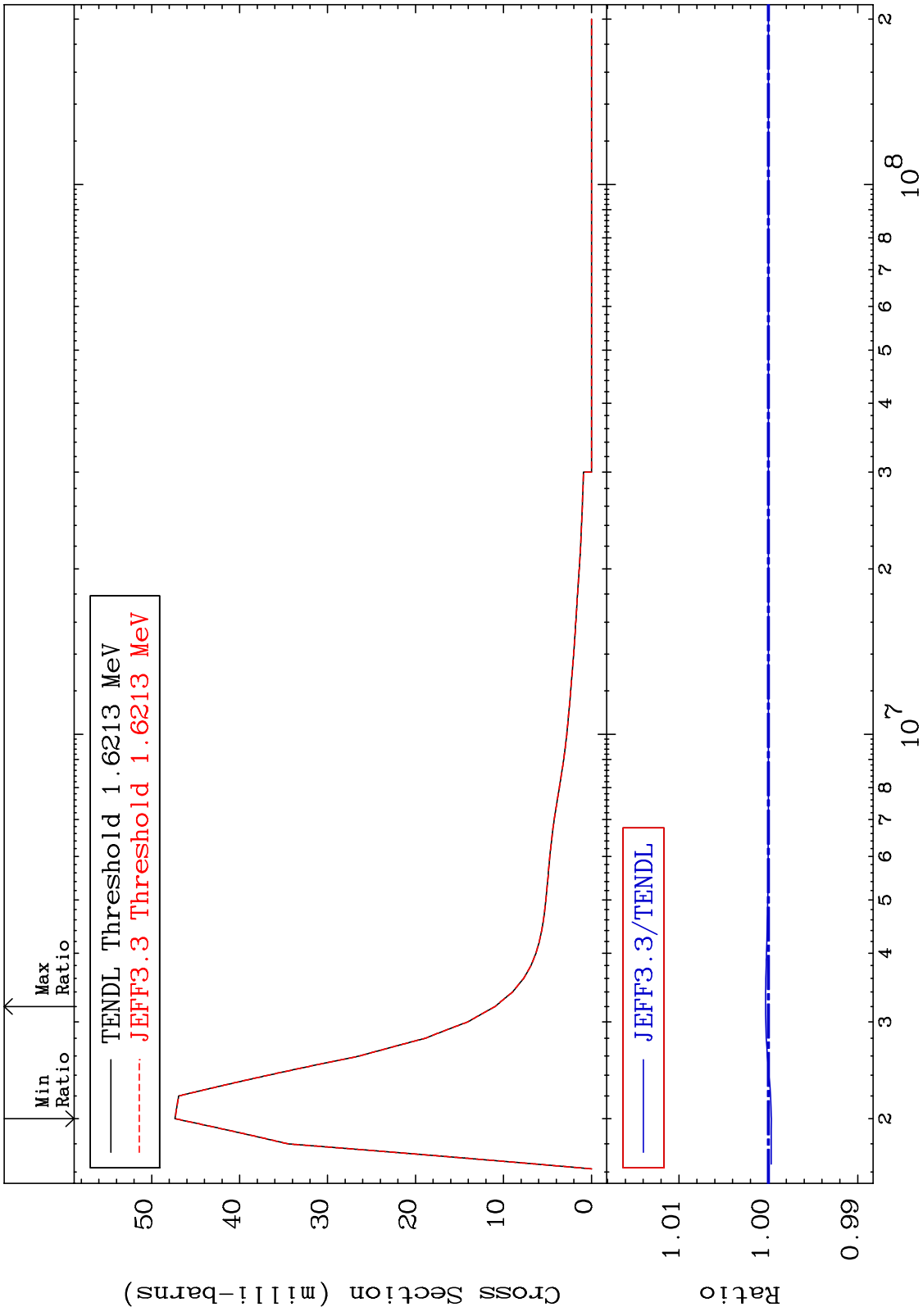
MAT 7649 MT= 68 (n,n') Level Cross Section -0.061 To 0.132 % 76-0s-192



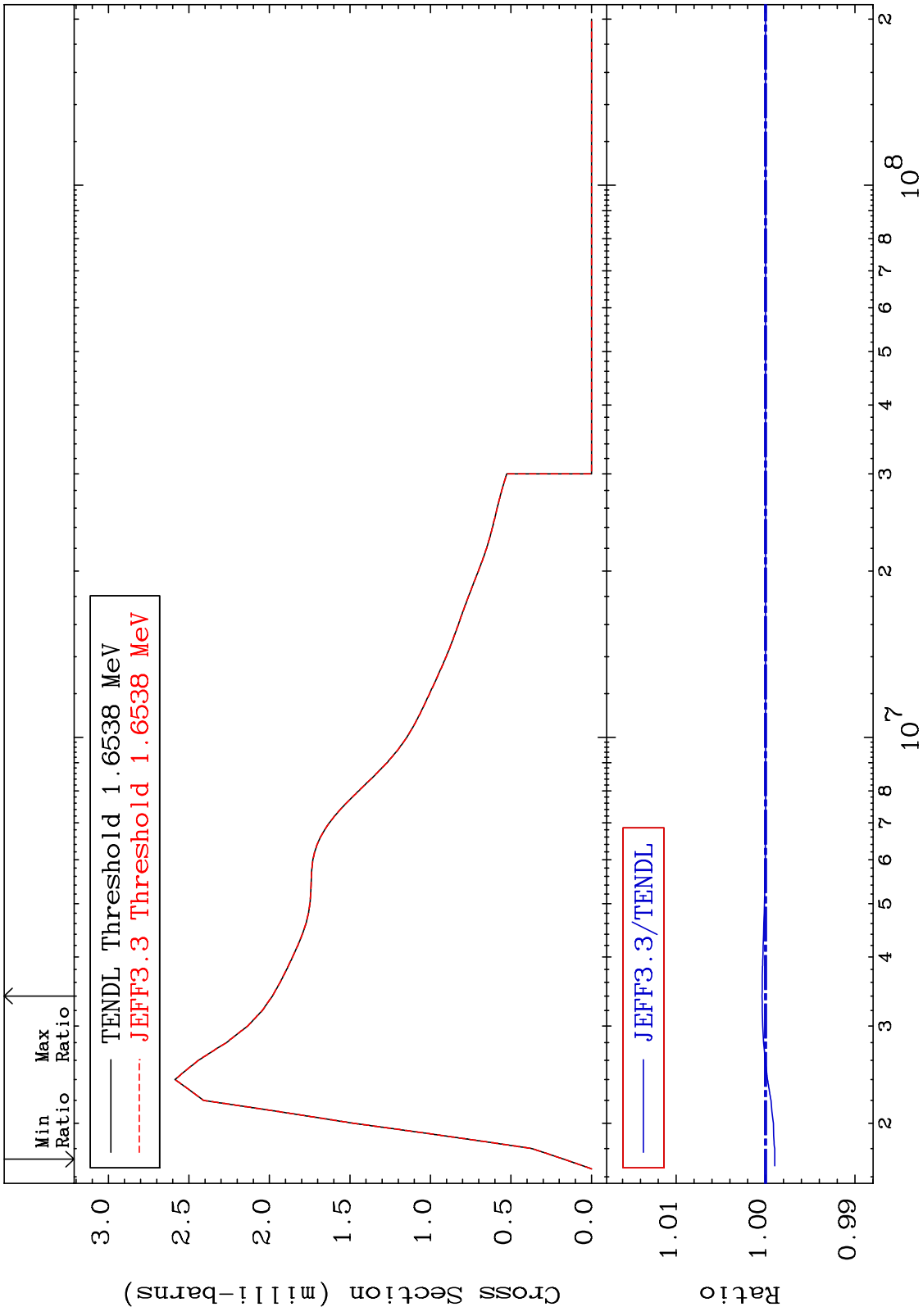
MAT 7649 MT= 69 (n,n') Level Cross Section 76-0s-192
 -0.050 To 0.046 %



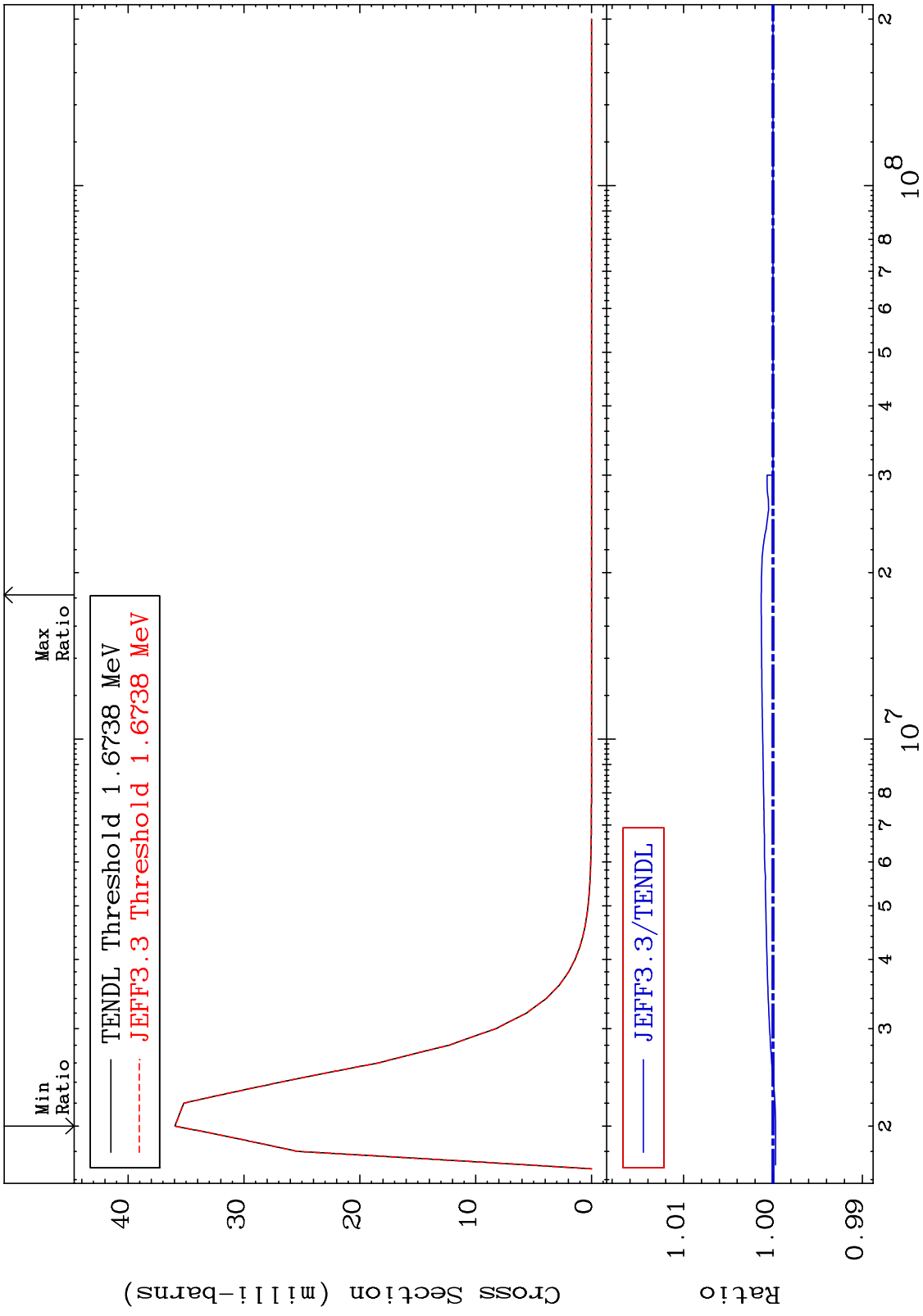
MAT 7649 MT= 70 (n,n') Level Cross Section 76-0s-192
 -0.034 To 0.032 %



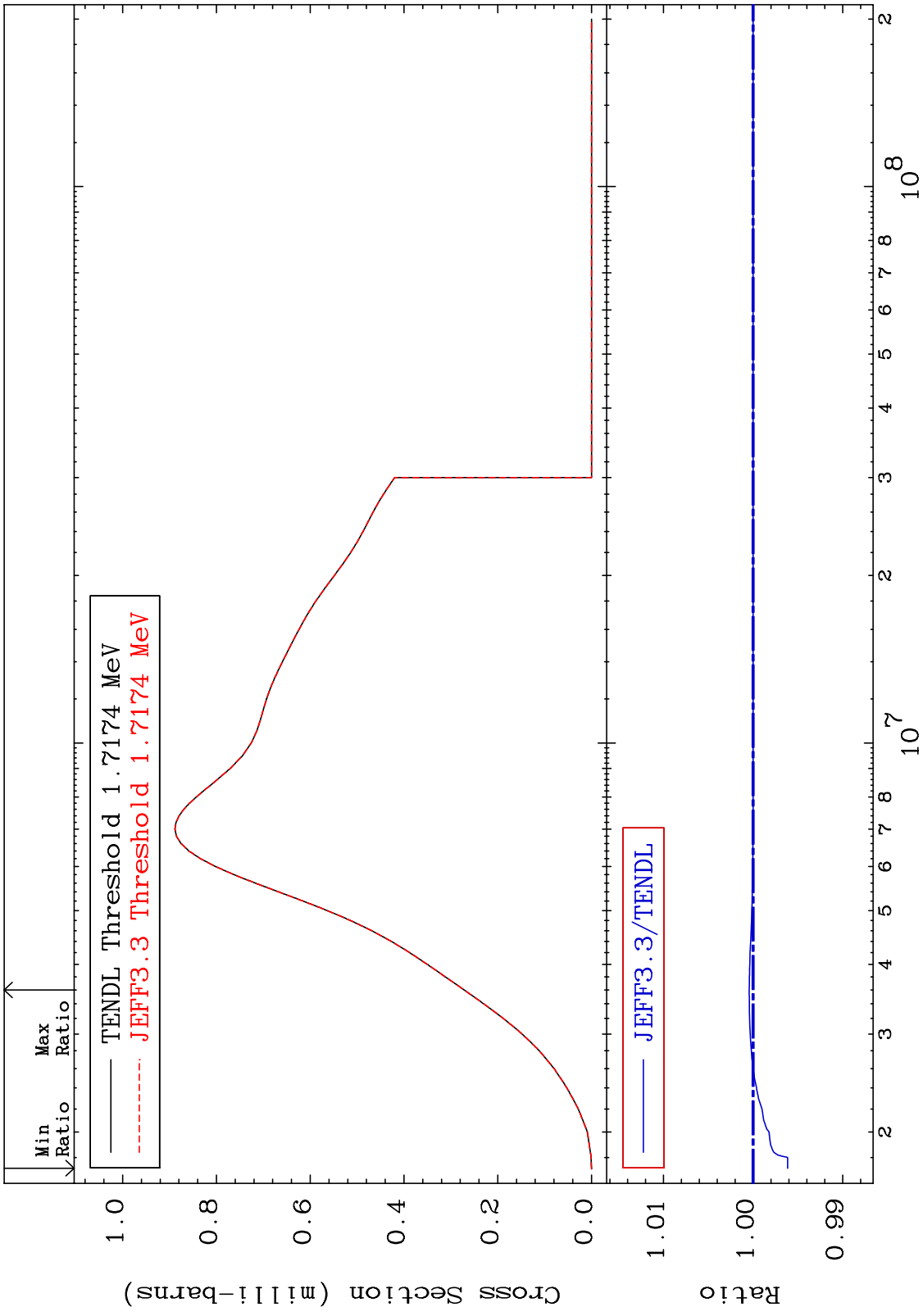
MAT 7649 MT= 71 (n,n') Level Cross Section 76-0s-192
 -0.102 To 0.039 %



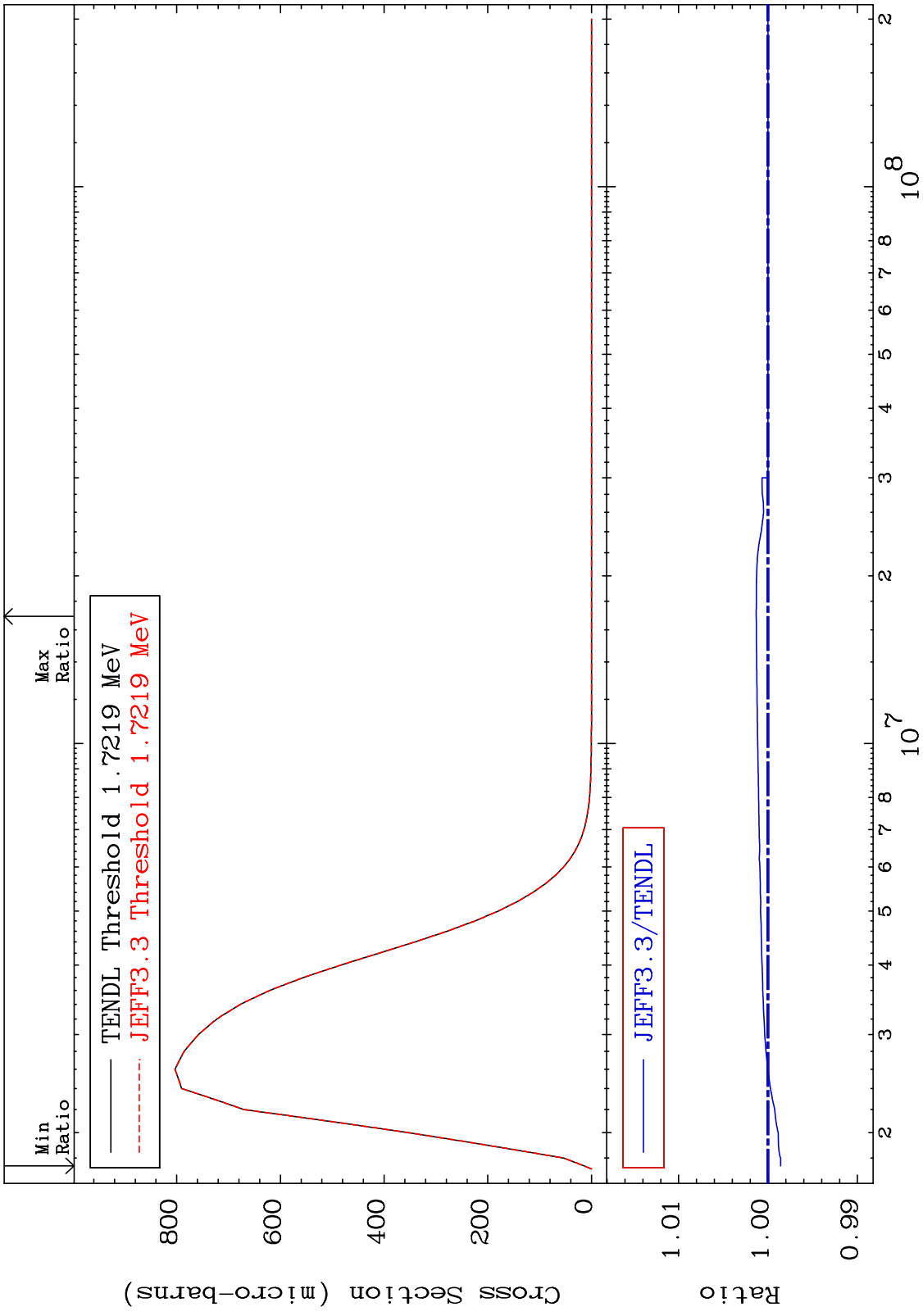
MAT 7649 MT= 72 (n,n') Level Cross Section 76-0s-192
 -0.030 To 0.131 %



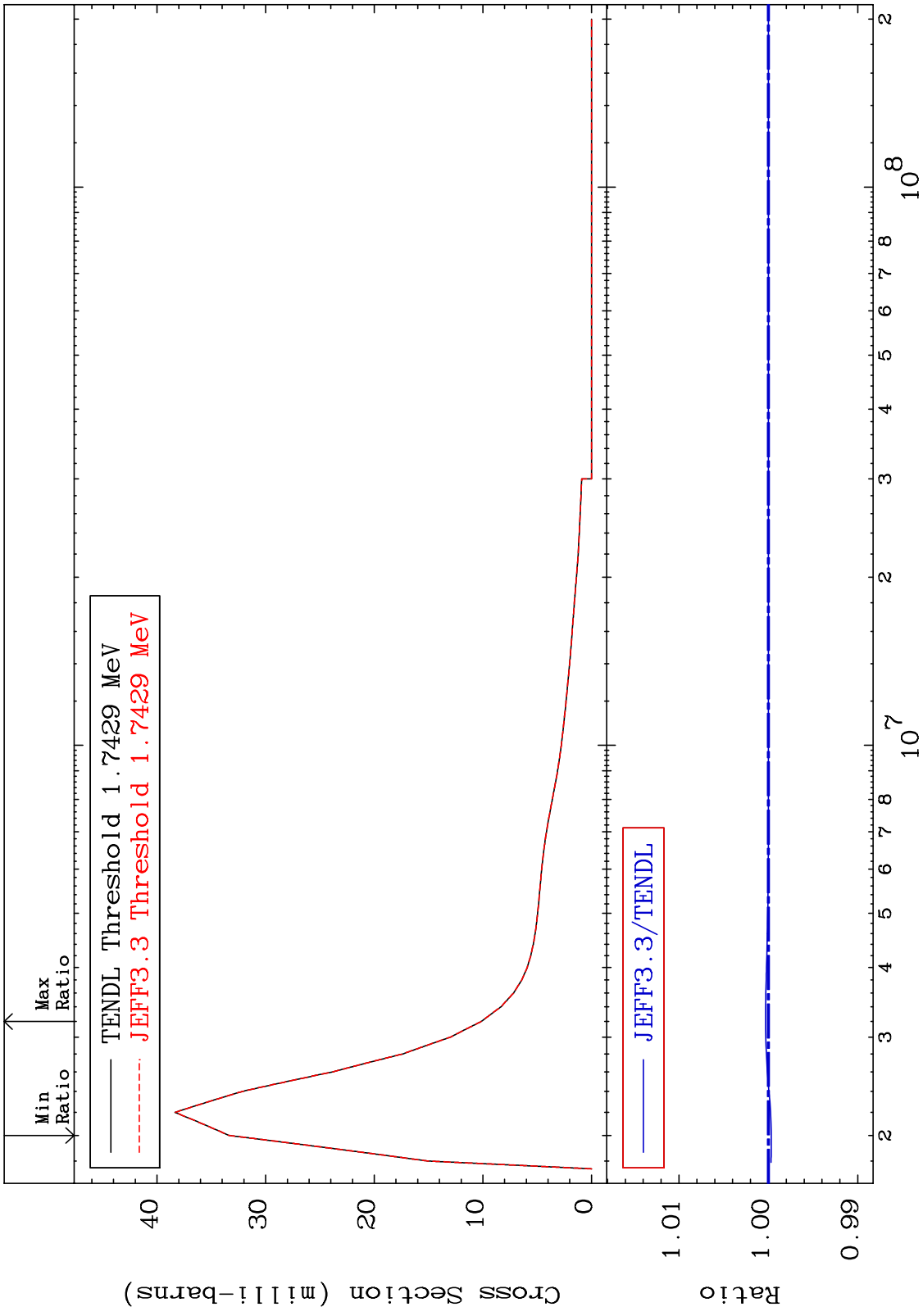
MAT 7649 MT= 73 (n,n') Level Cross Section 76-0s-192
 -0.386 To 0.043 %



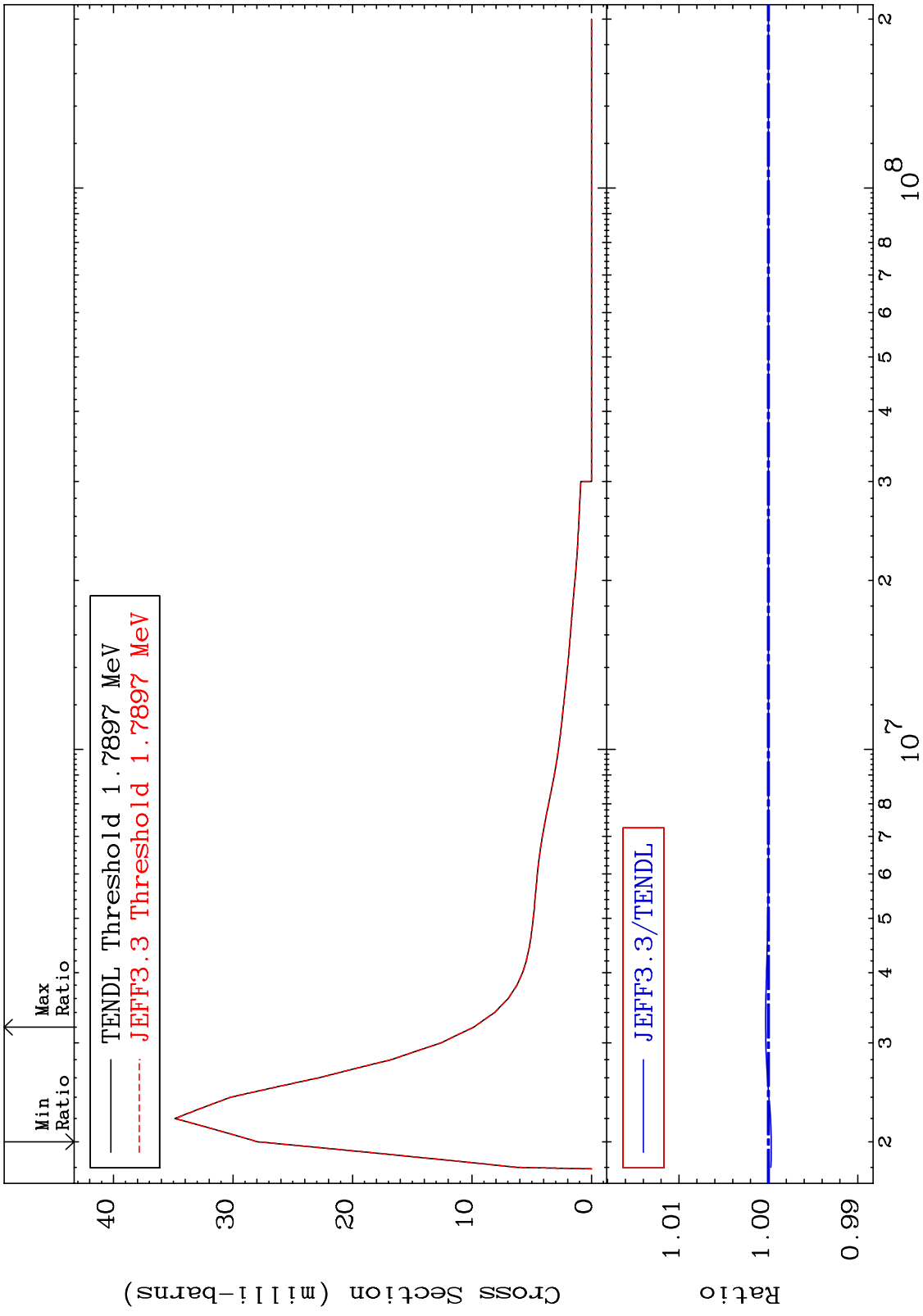
MAT 7649 MT= 74 (n,n') Level Cross Section 76-0s-192
 -0.141 To 0.132 %



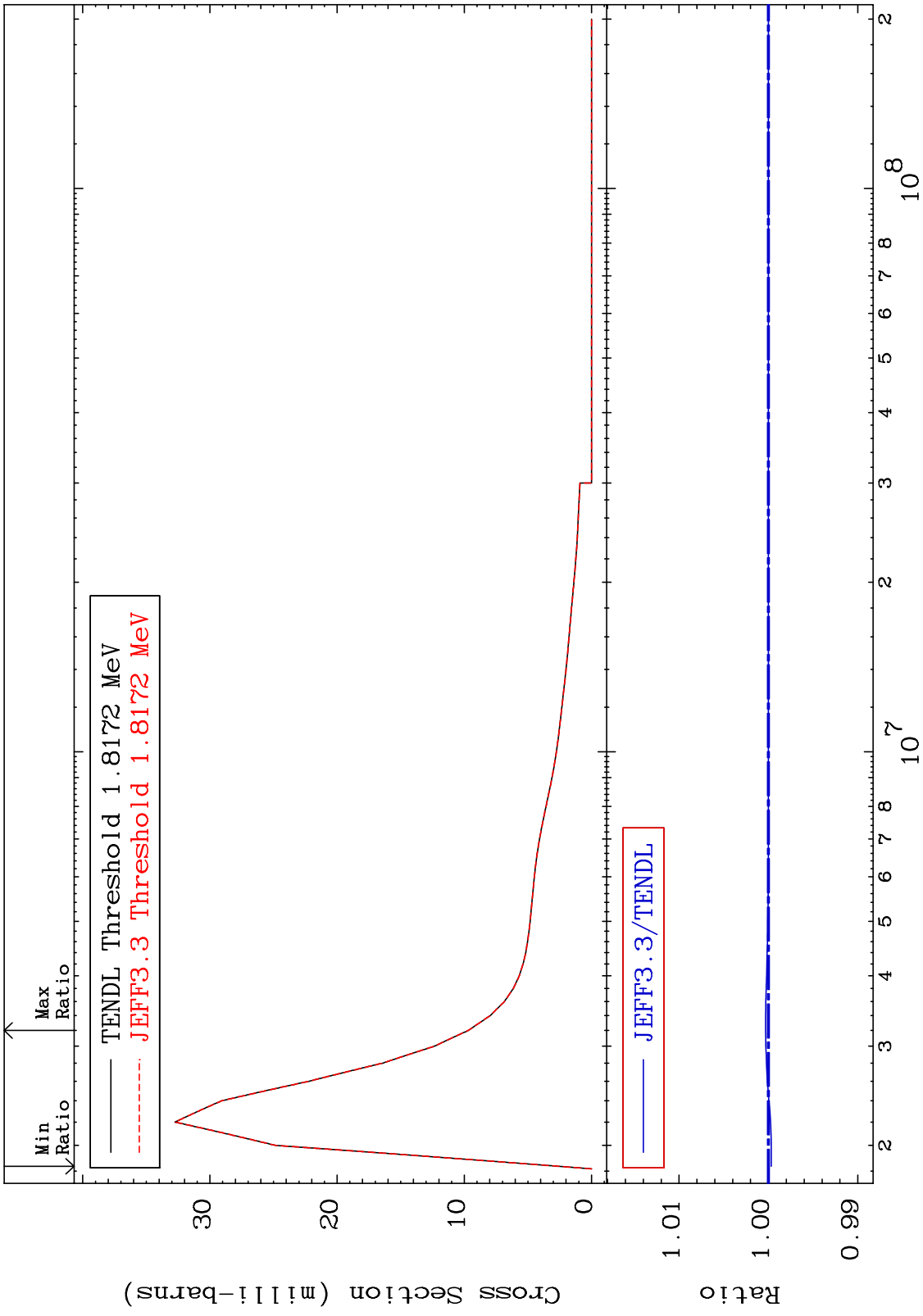
MAT 7649 MT= 75 (n,n') Level Cross Section 76-0s-192
 -0.033 To 0.032 %



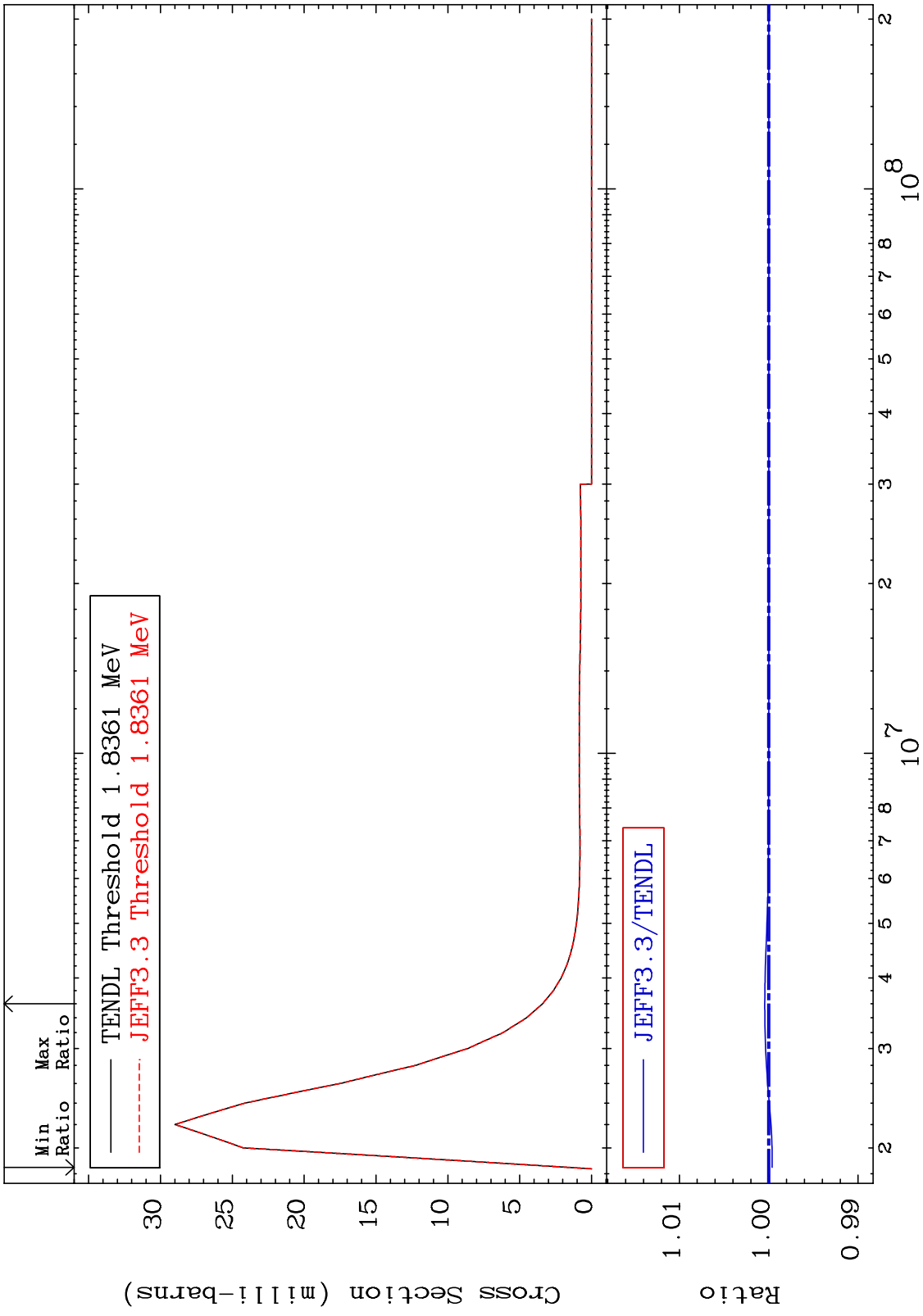
MAT 7649 MT= 76 (n,n') Level Cross Section 76-0s-192
 -0.033 To 0.032 %



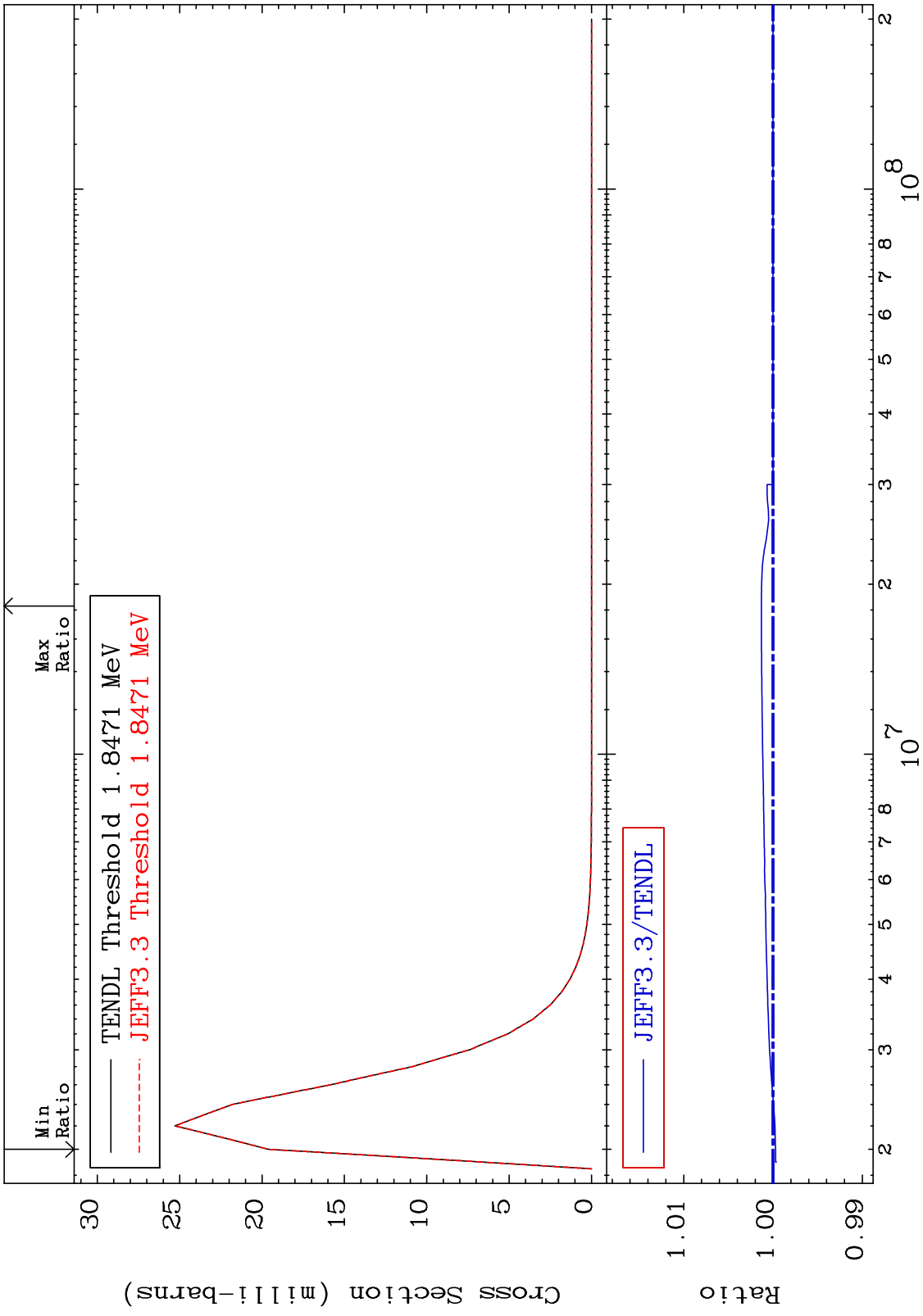
MAT 7649 MT= 77 (n,n') Level Cross Section 76-0s-192
 -0.032 To 0.032 %



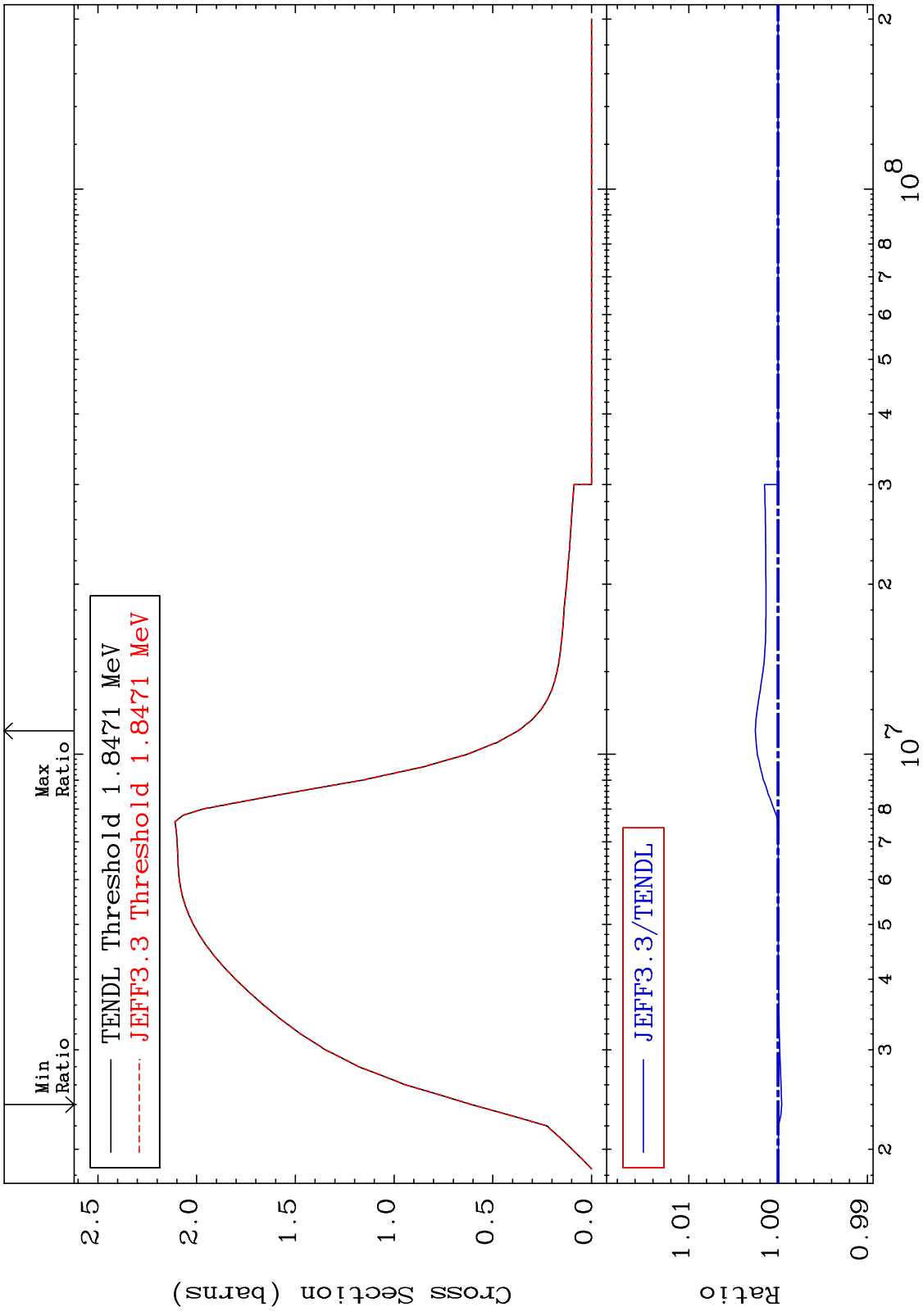
MAT 7649 MT= 78 (n,n') Level Cross Section 76-0s-192
 -0.038 To 0.045 %



MAT 7649 MT= 79 (n,n') Level Cross Section 76-0s-192
 -0.029 To 0.131 %



MAT 7649 (n, n') Continuum Cross Section 76-0s-192
 -0.040 To 0.255 %



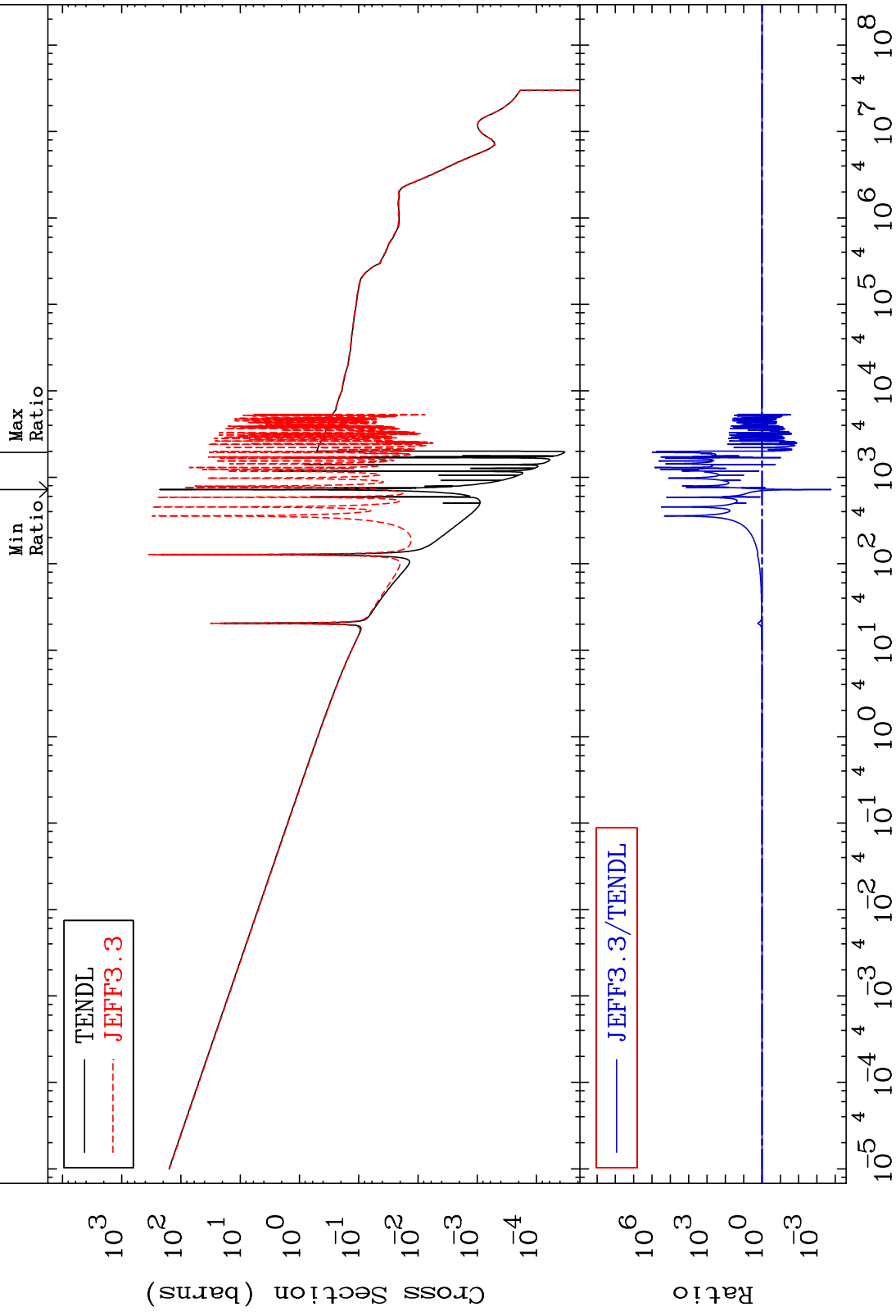
MAT 7649

(n, γ)

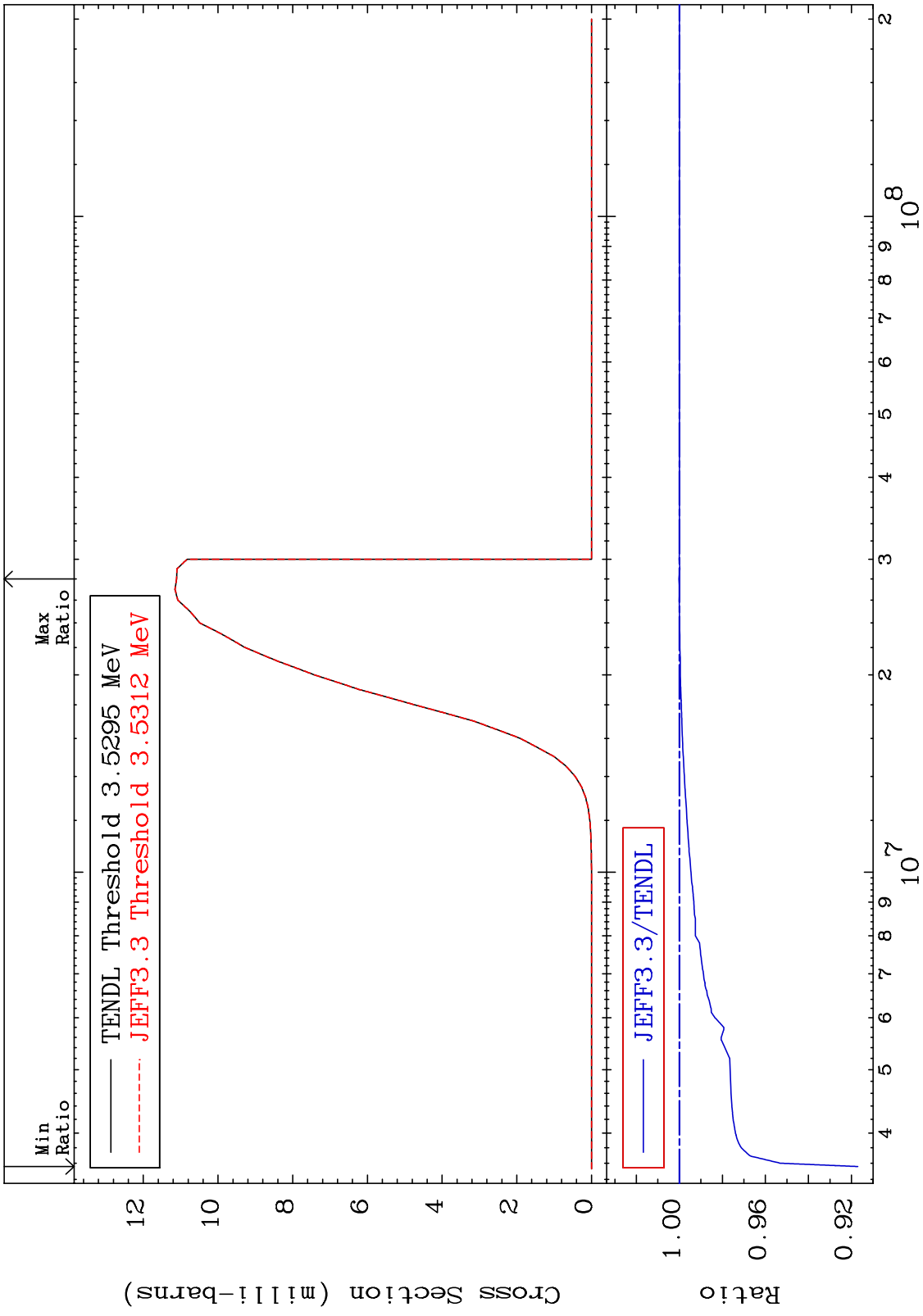
76-0s-192

-99.98 To 9999. %

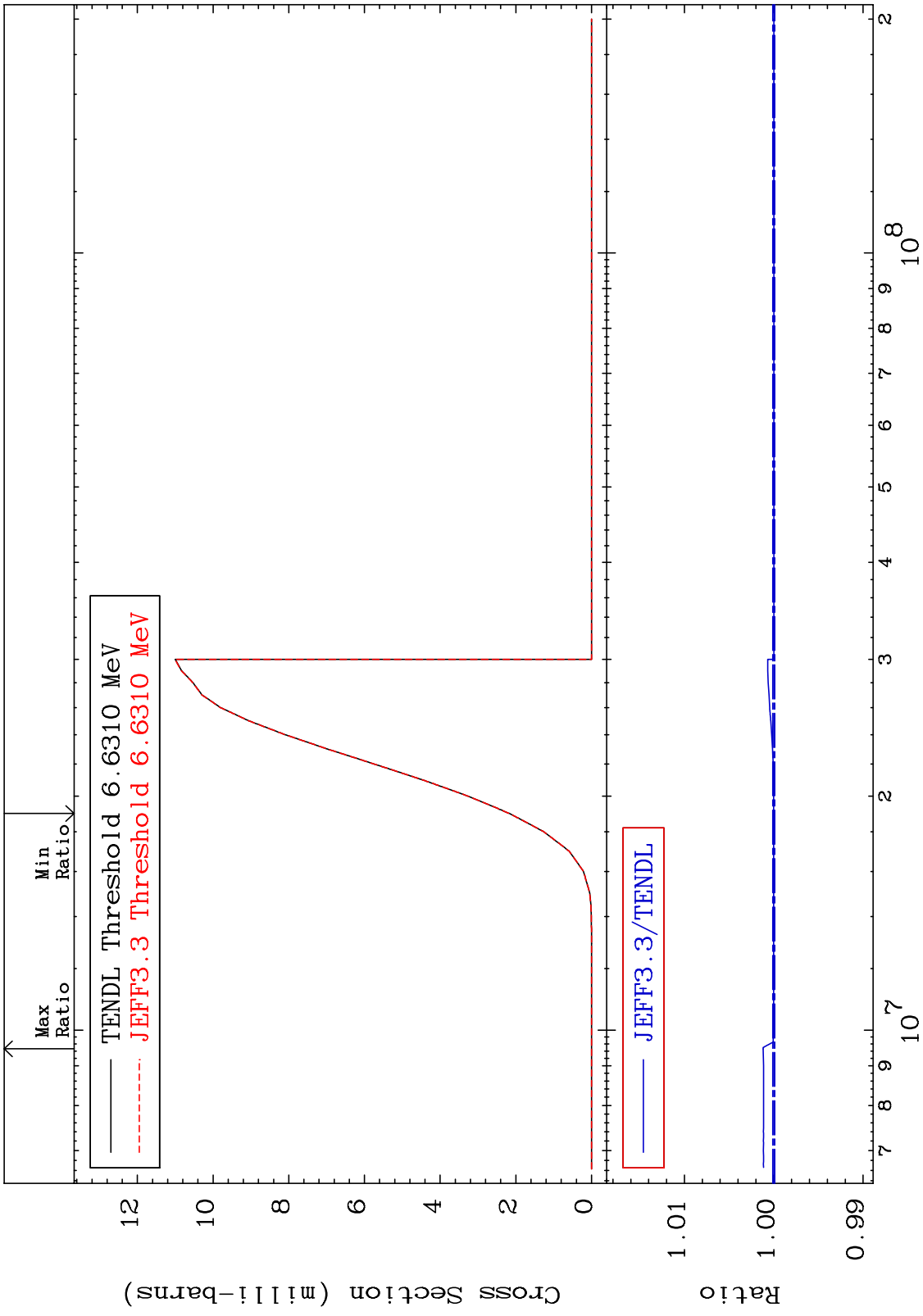
Cross Section



MAT 7649 (n,p) Cross Section 76-0s-192 -8.298 To 0.015 %

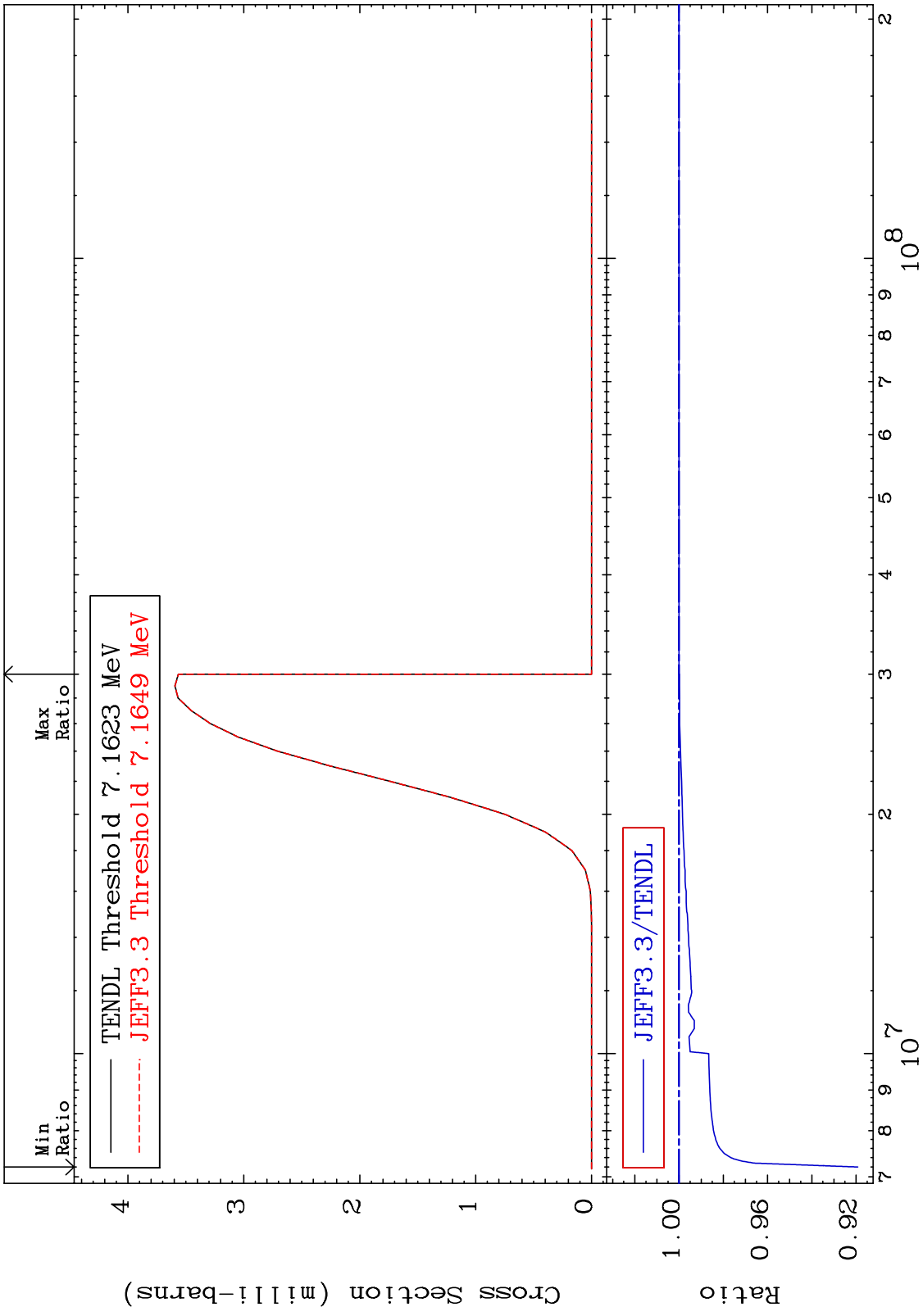


MAT 7649 (n,d) Cross Section 76-0s-192 To 0.119 %



50 76-0s-192

MAT 7649 (n,t) Cross Section 76-0s-192 -8.082 To 0.000 %



51 Incident Energy (eV) 76-0s-192

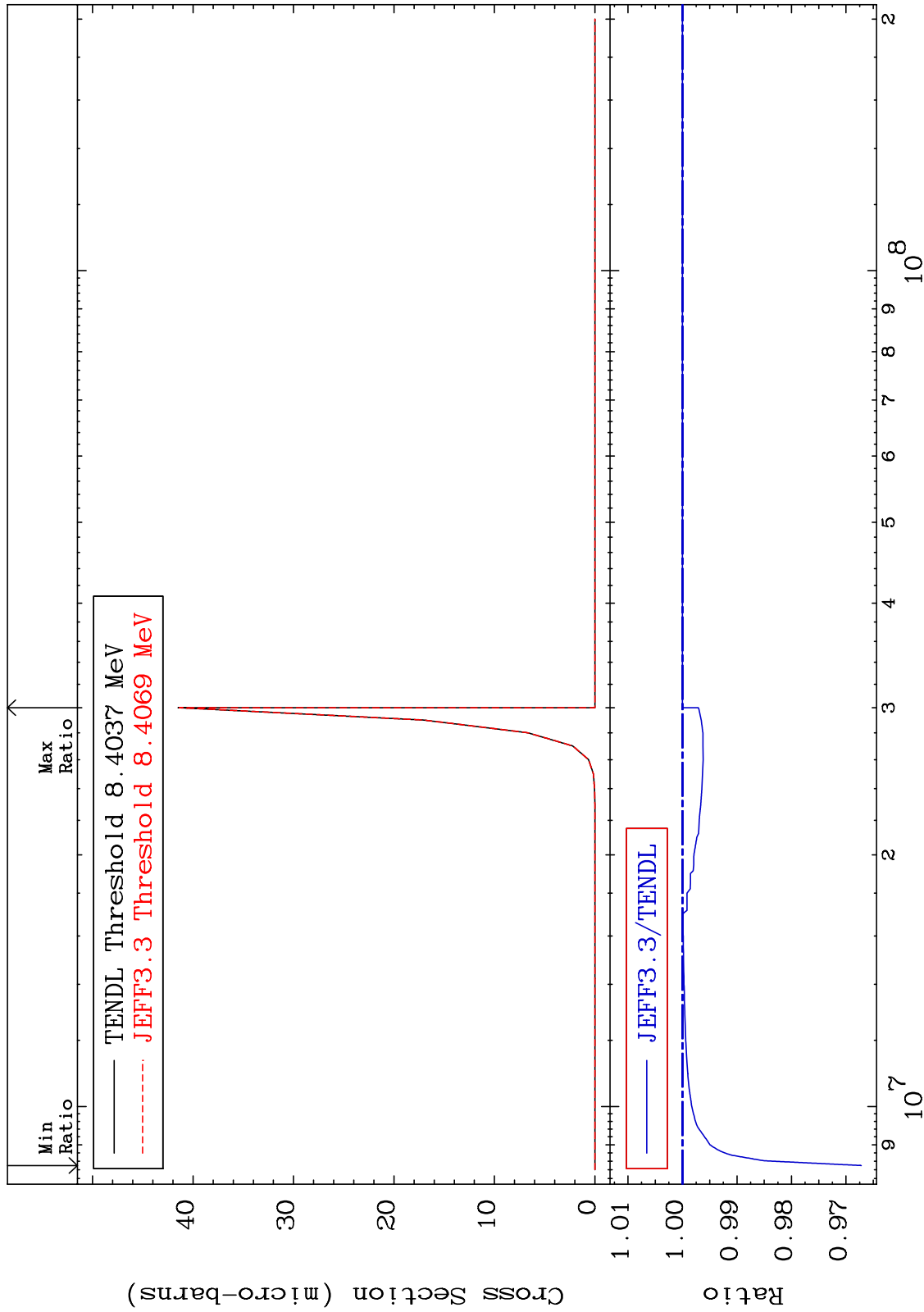
MAT 7649

(n, He-3)

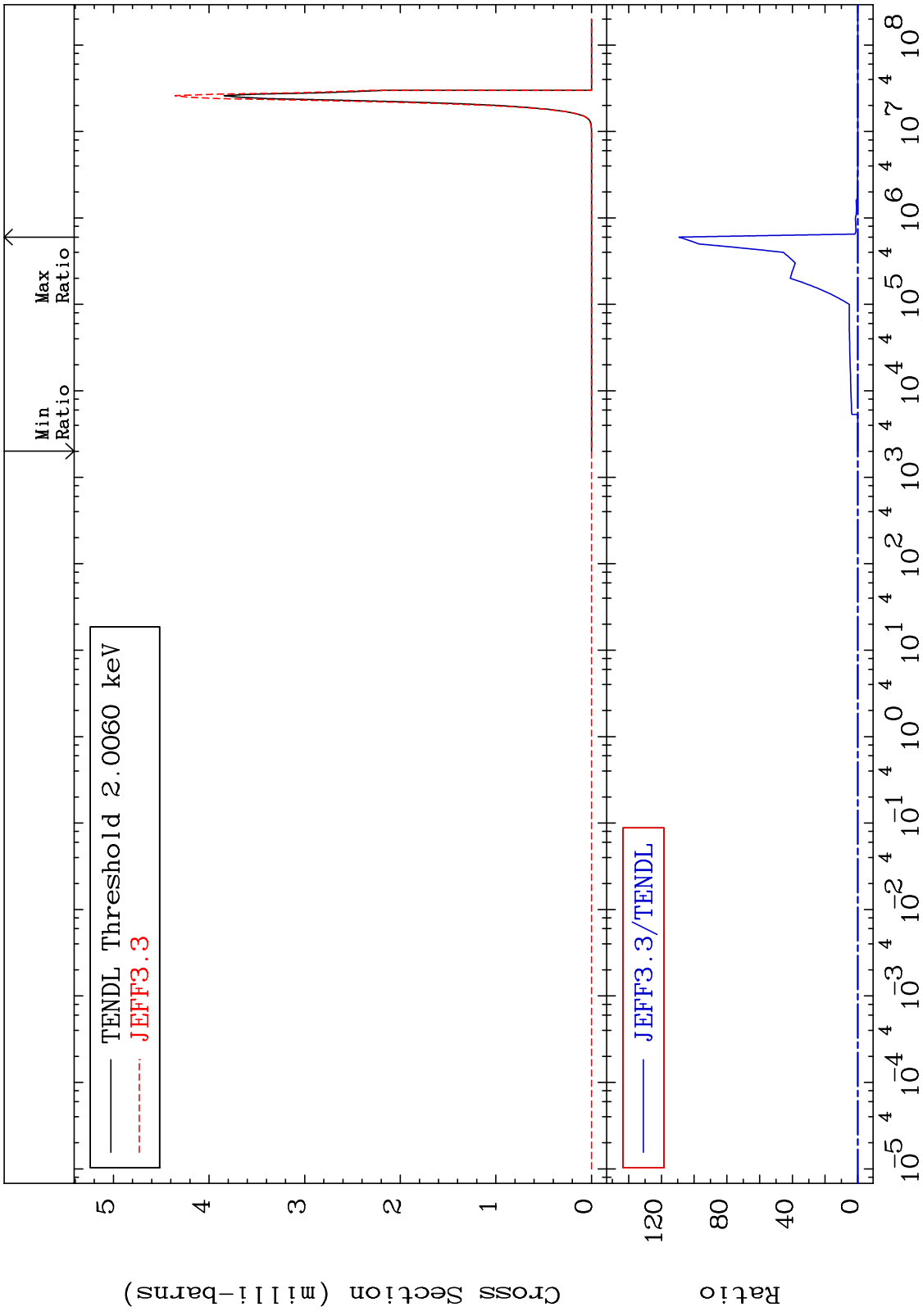
76-0s-192

Cross Section

-3.280 To 0.000 %

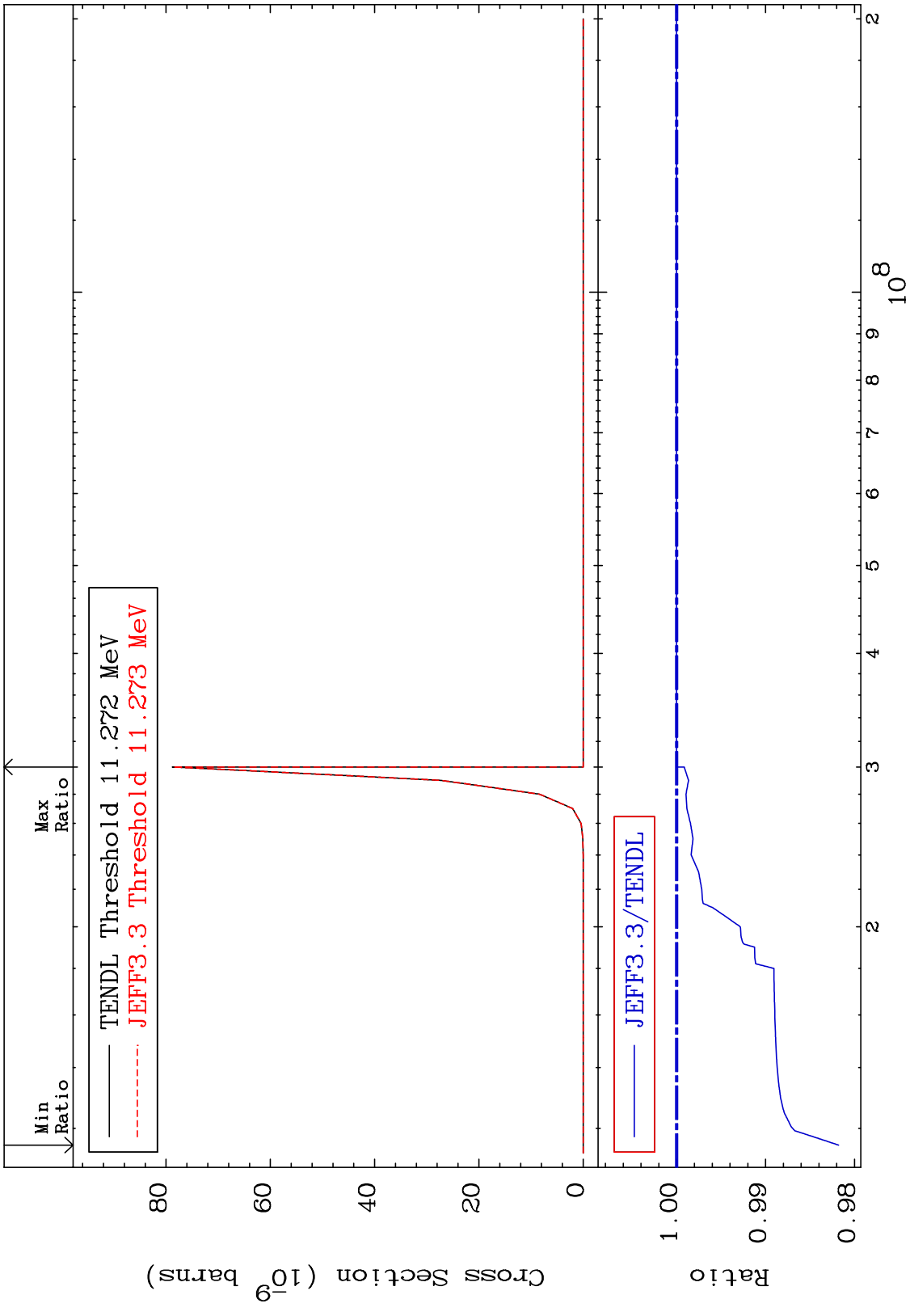


MAT 7649 (n,α) Cross Section 76-Os-192
 -100.0 To 9999. %

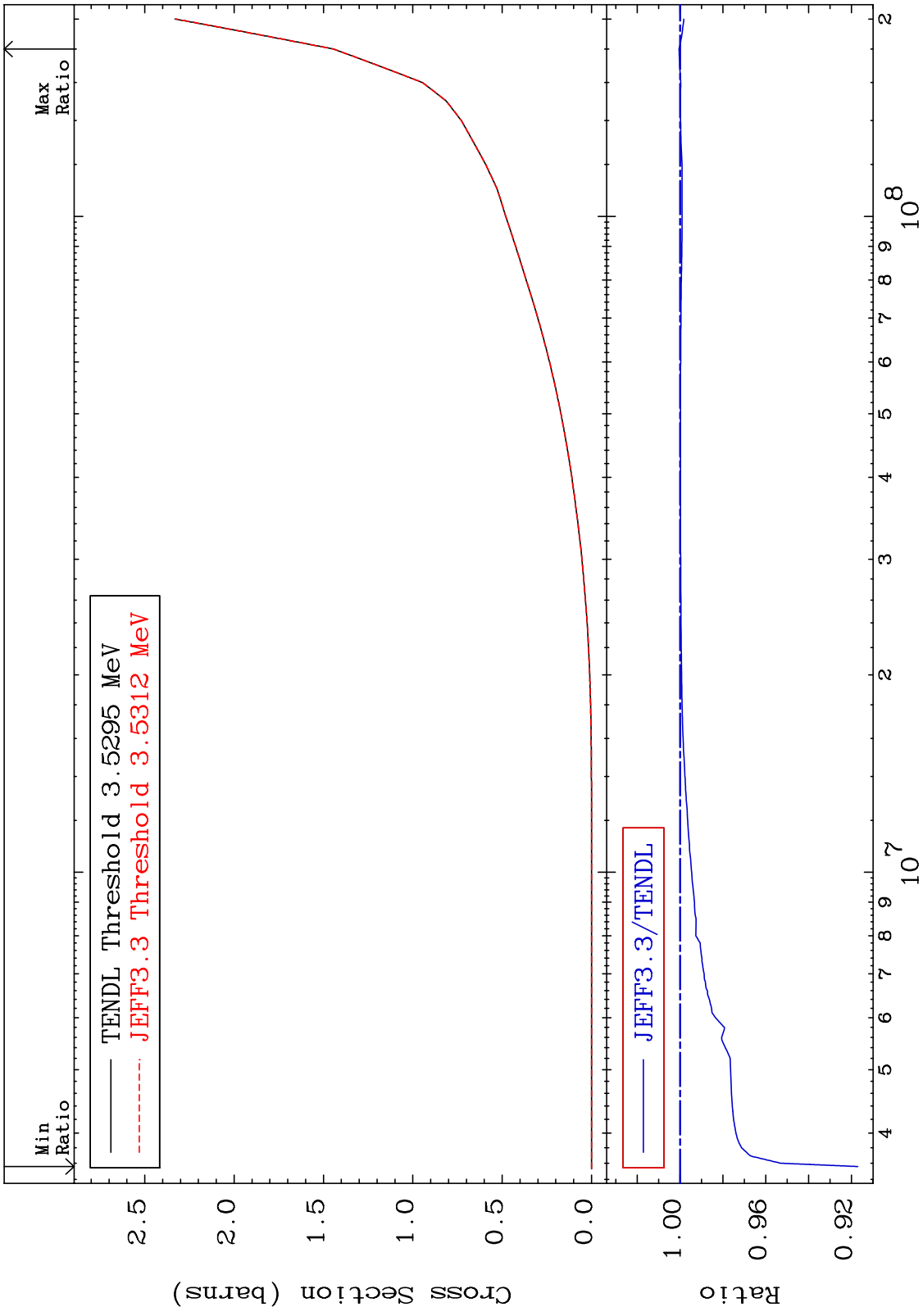


53 Incident Energy (eV) 76-Os-192

MAT 7649 (n,2p) Cross Section 76-0s-192
 -1.821 To 0.000 %



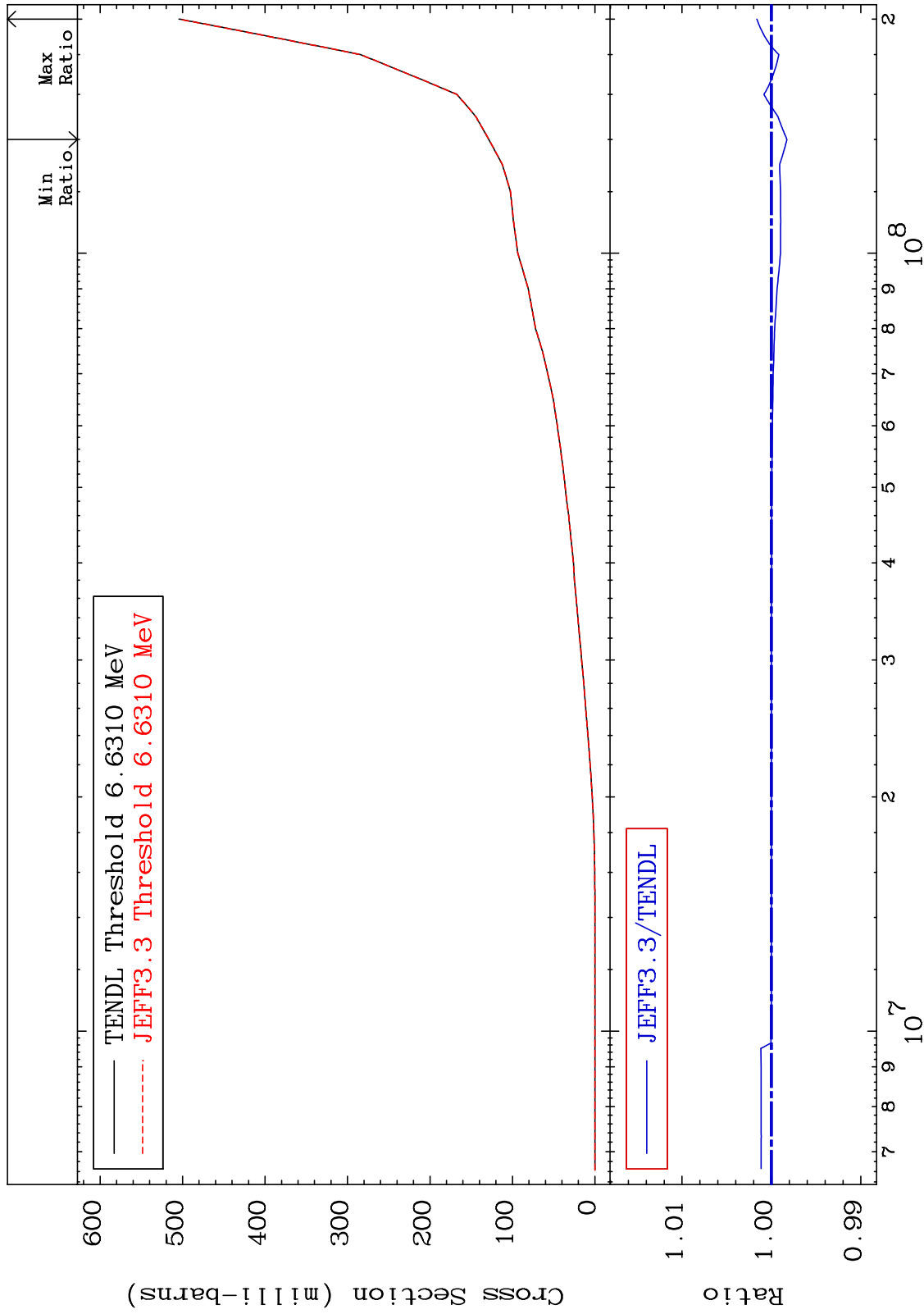
MAT 7649 Hydrogen Production Cross Section 76-0s-192
 -8.298 To 0.044 %



MAT 7649

Deuterium Production Cross Section

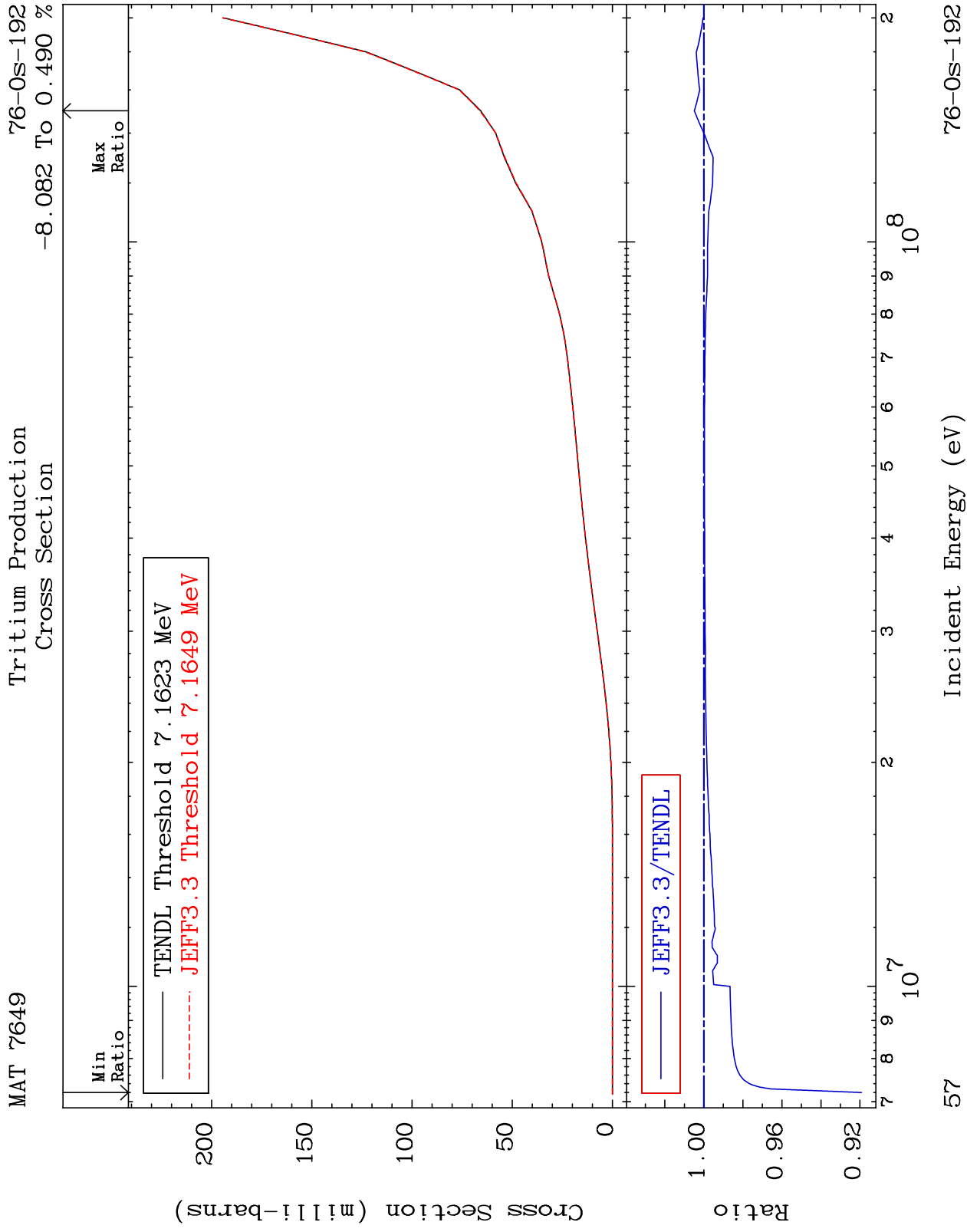
76-0s-192
-0.173 To 0.164 %



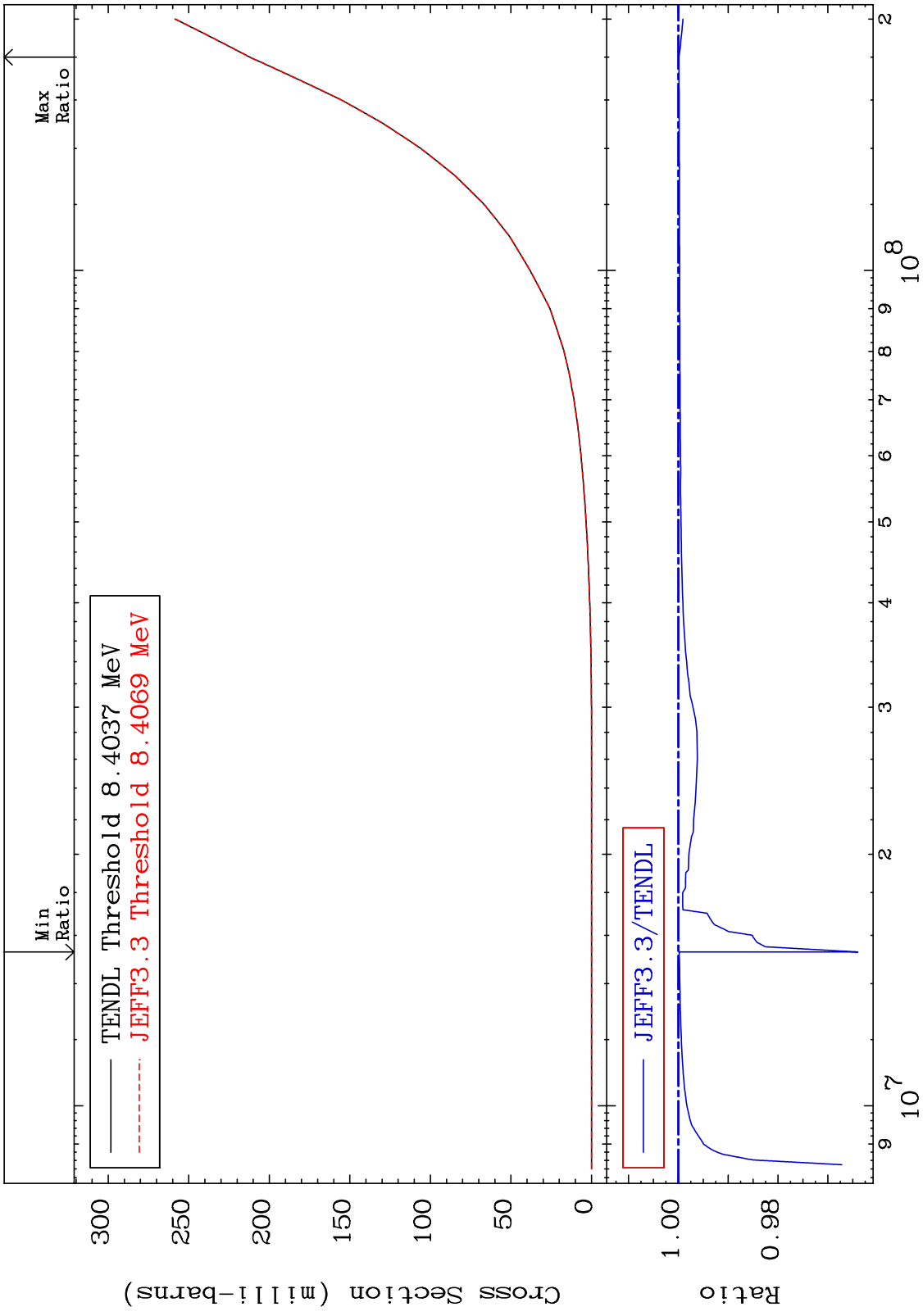
56

Incident Energy (eV)

76-0s-192



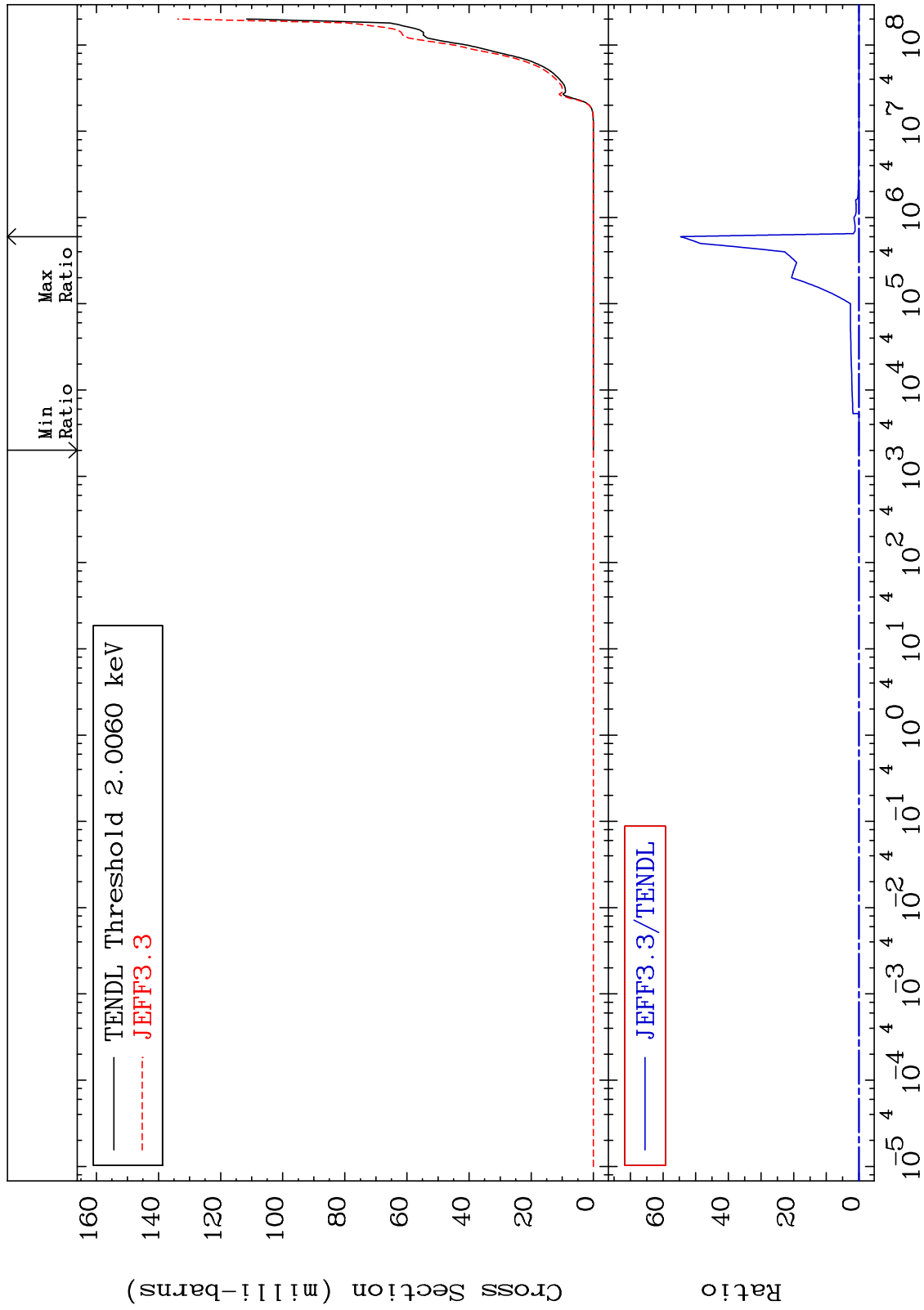
MAT 7649 He-3 Production Cross Section 76-0s-192
-3.600 To -0.014%



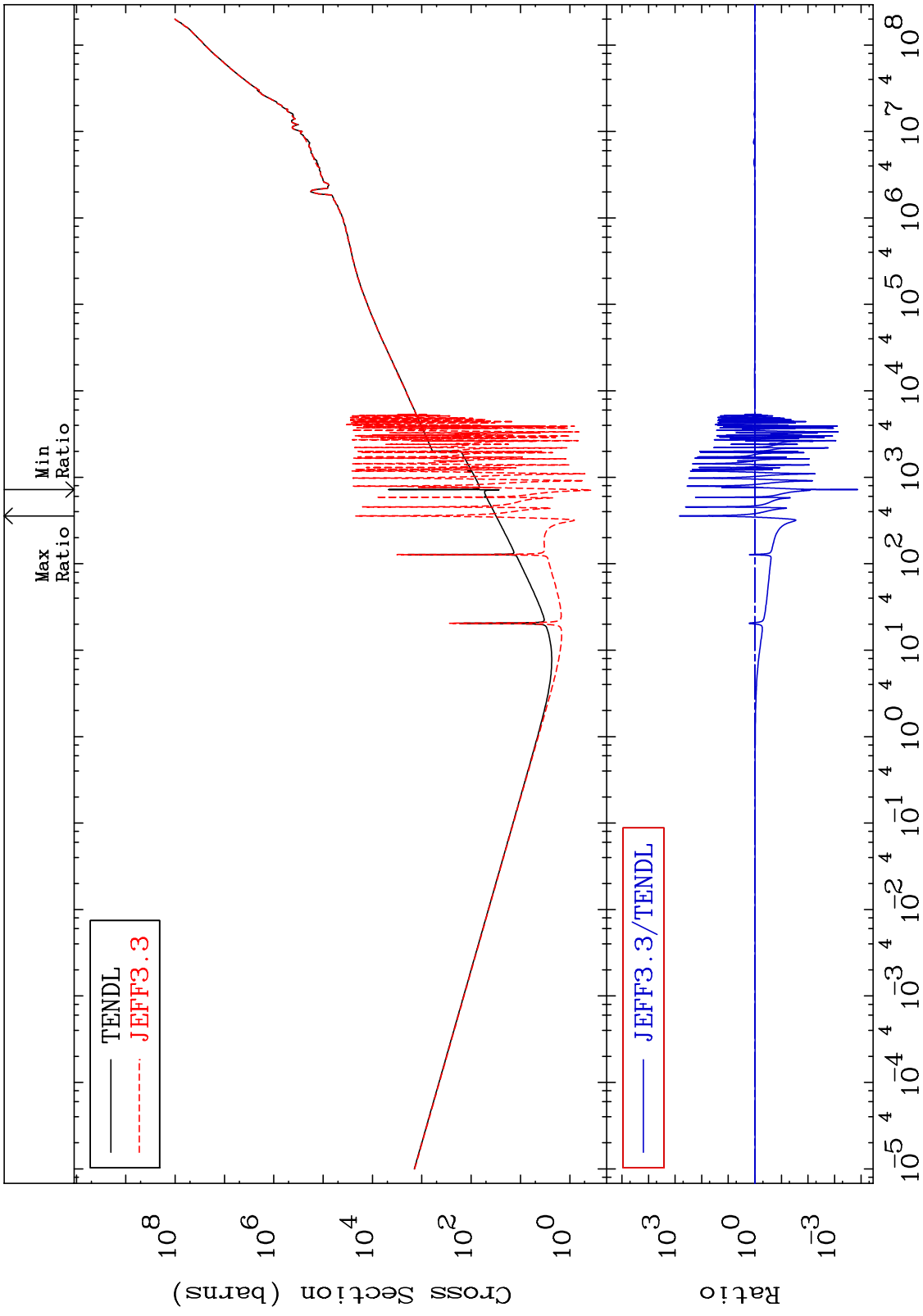
MAT 7649

He-4 Production
Cross Section

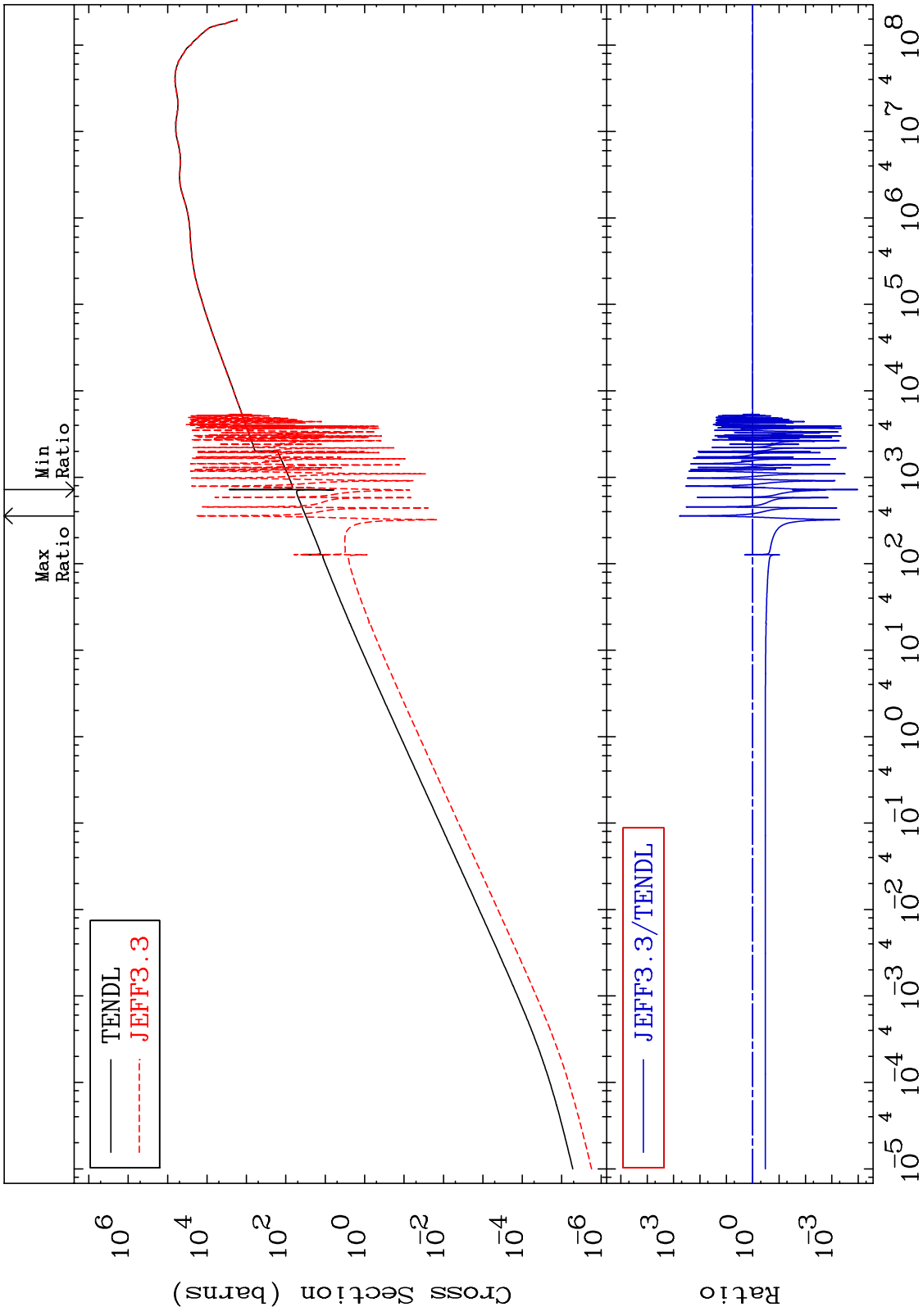
76-0s-192
-100.0 To 9999. %



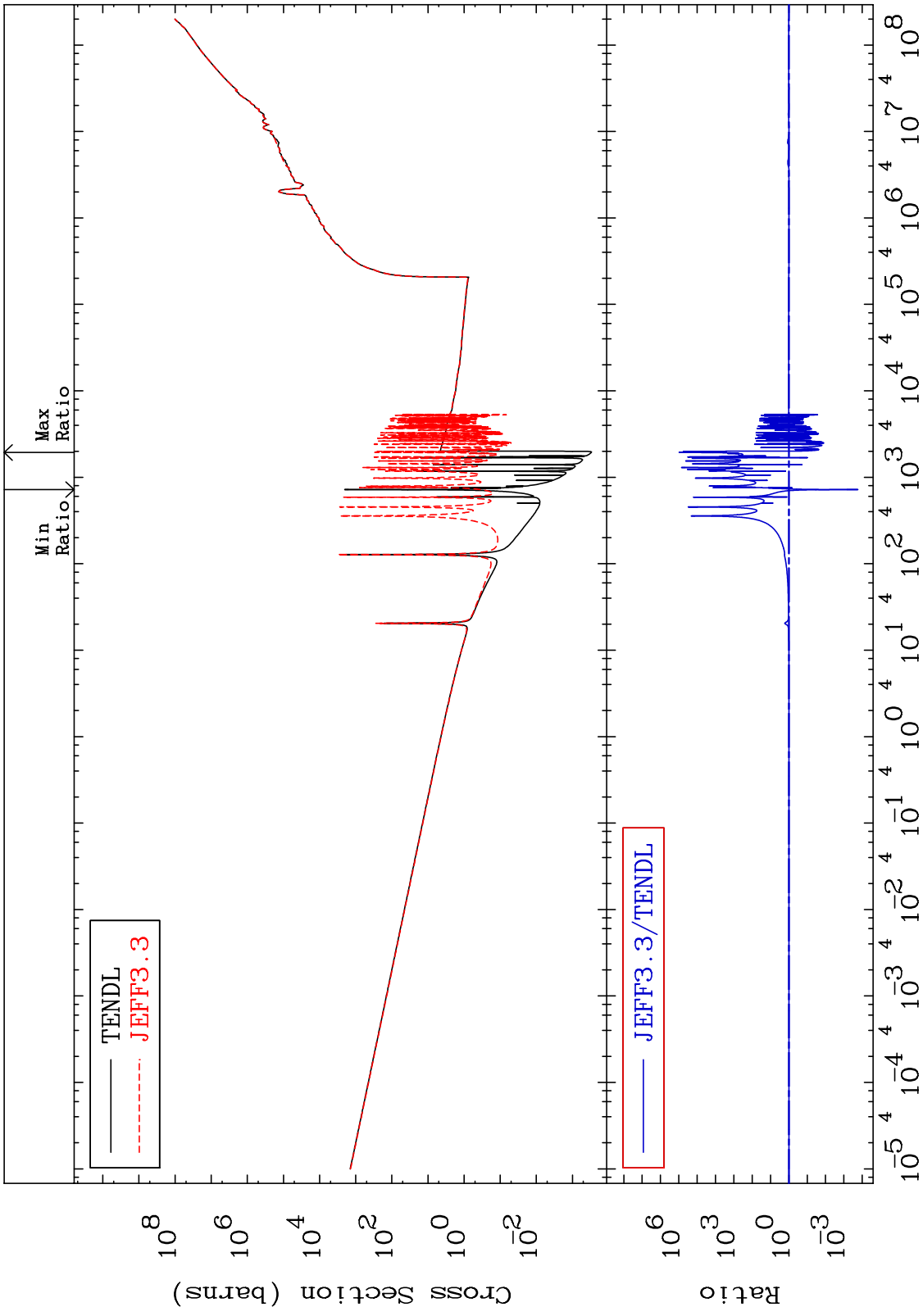
MAT 7649 Kerma total (eV-barns) 76-0s-192
 Cross Section -99.99 To 9999. %



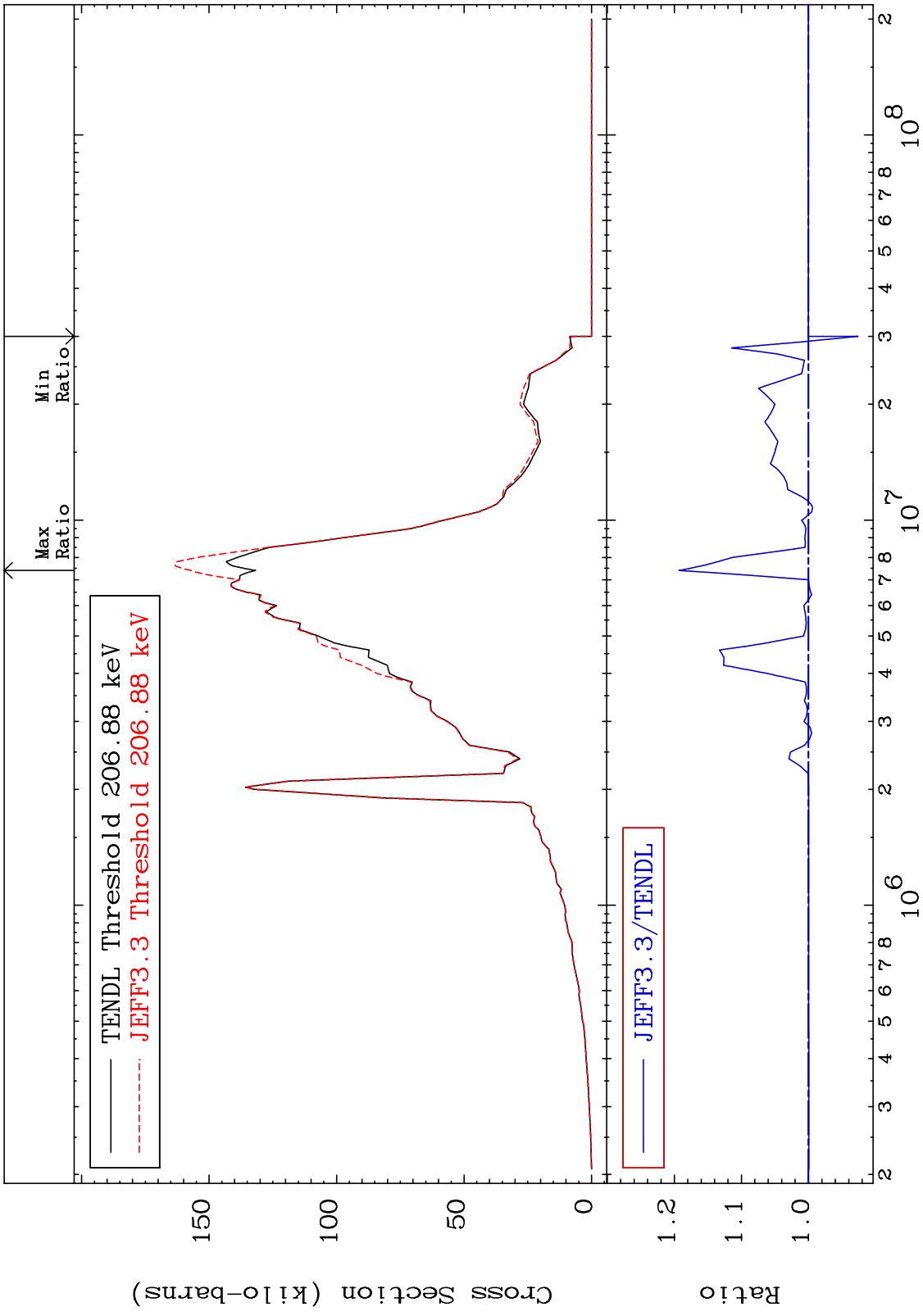
MAT 7649 Kerma elastic Cross Section 76-0s-192 -99.99 To 9999. %



MAT 7649 Kerma non-elastic (all but mt.2) 76-0s-192
 Cross Section -99.98 To 9999. %



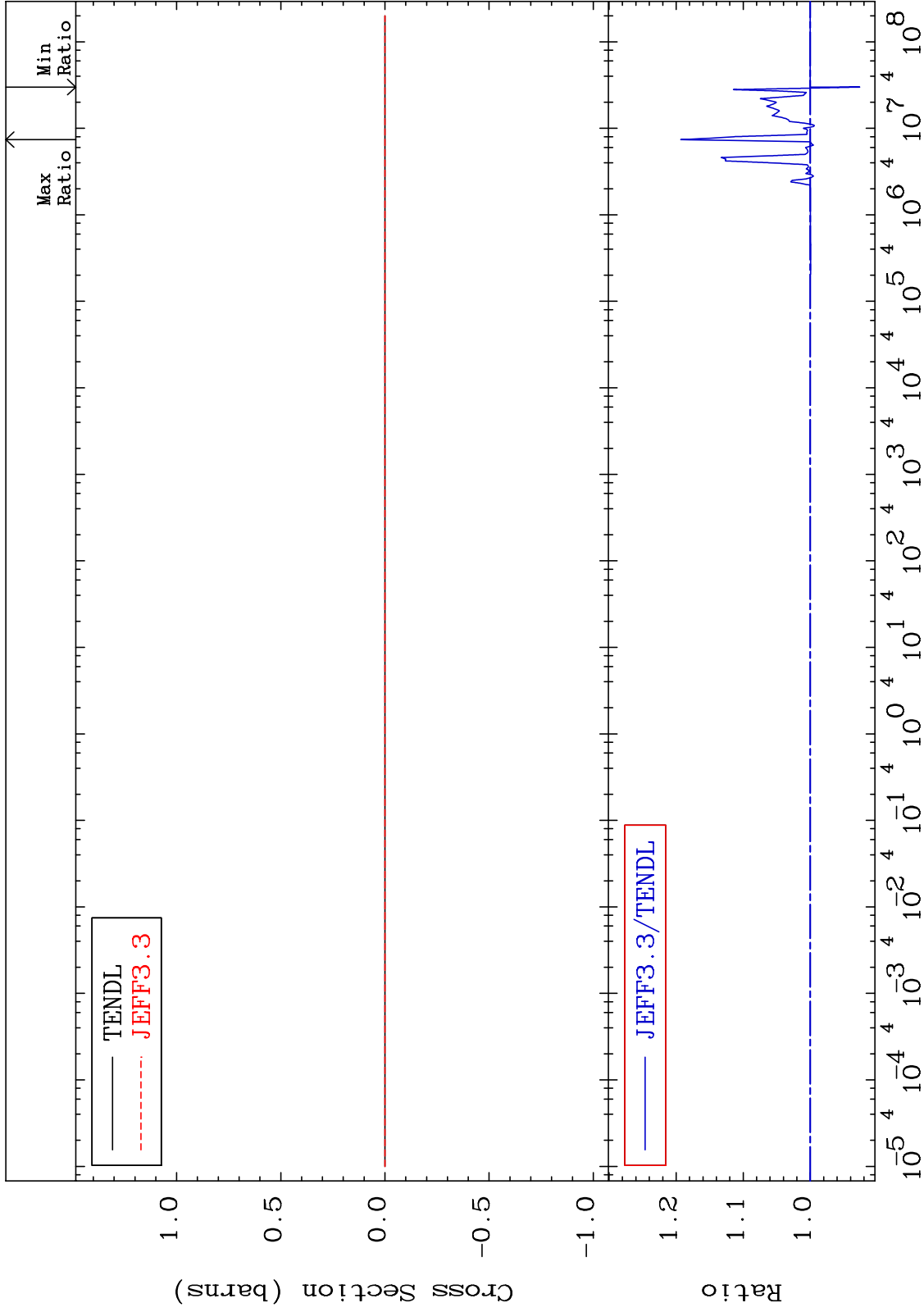
MAT 7649 Kerma inelastic (mt51-91) 76-Os-192
-7.358 To 19.30 %



MAT 7649

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

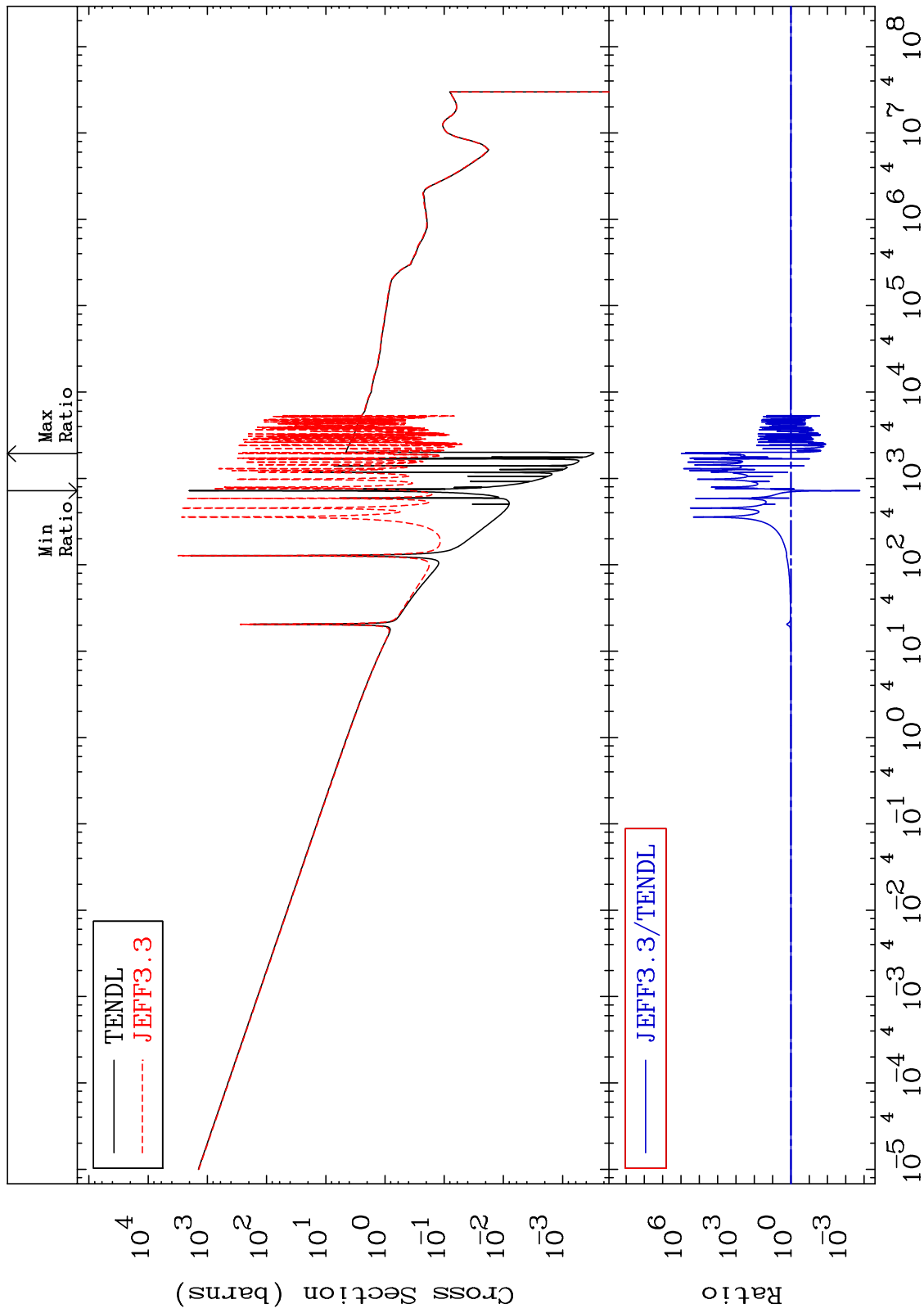
76-0s-192
-7.358 To 19.30 %



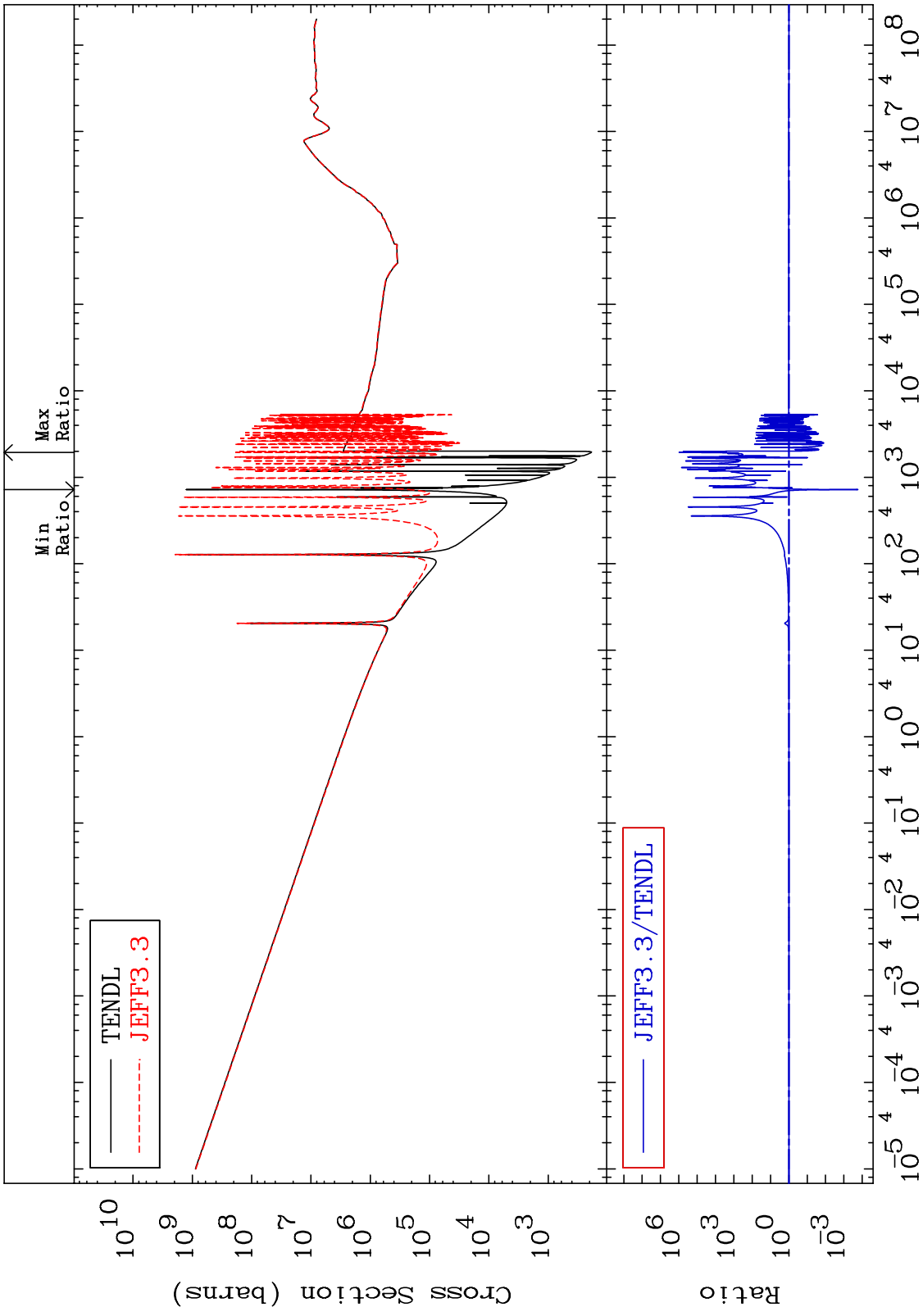
MAT 7649

Kerma capture (mt102)
Cross Section

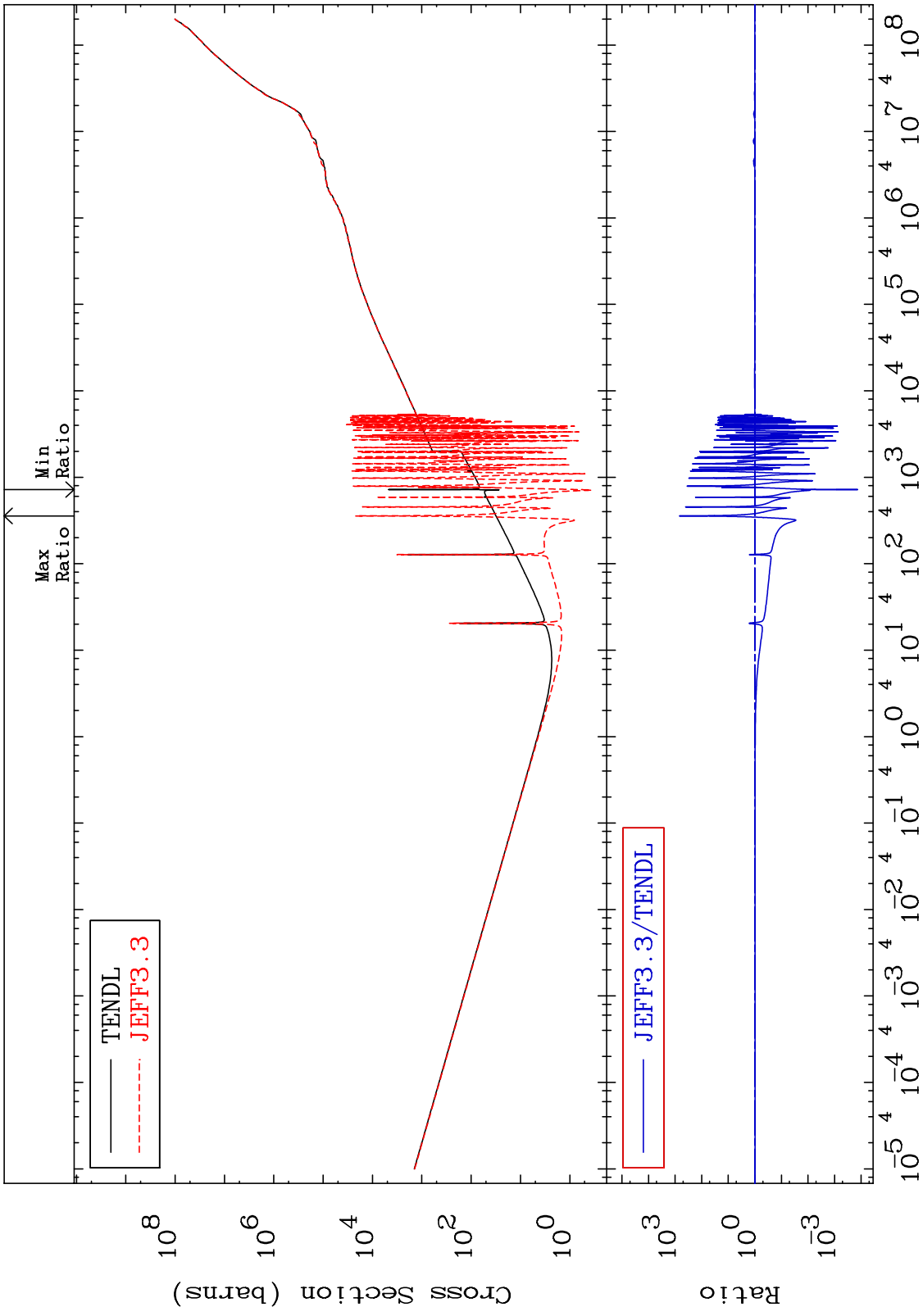
76-0s-192
-99.98 To 9999. %



MAT 7649 Total photon (eV-barns) Cross Section 76-0s-192
 -99.98 To 9999. %



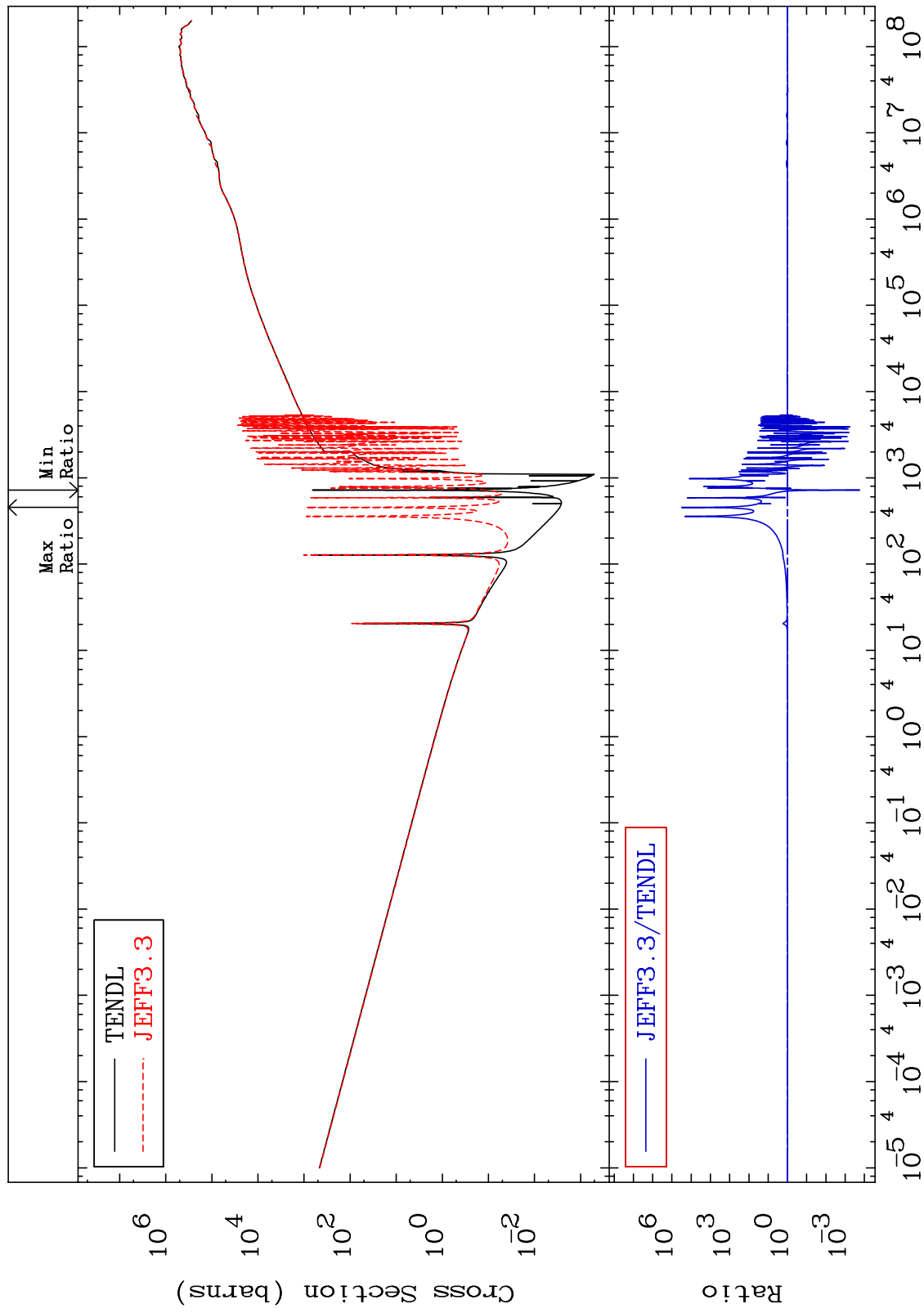
MAT 7649 Total kinematic kerma (high limit) 76-Os-192
Cross Section -99.99 To 9999. %



MAT 7649

Dpa total (eV-barns)
Cross Section

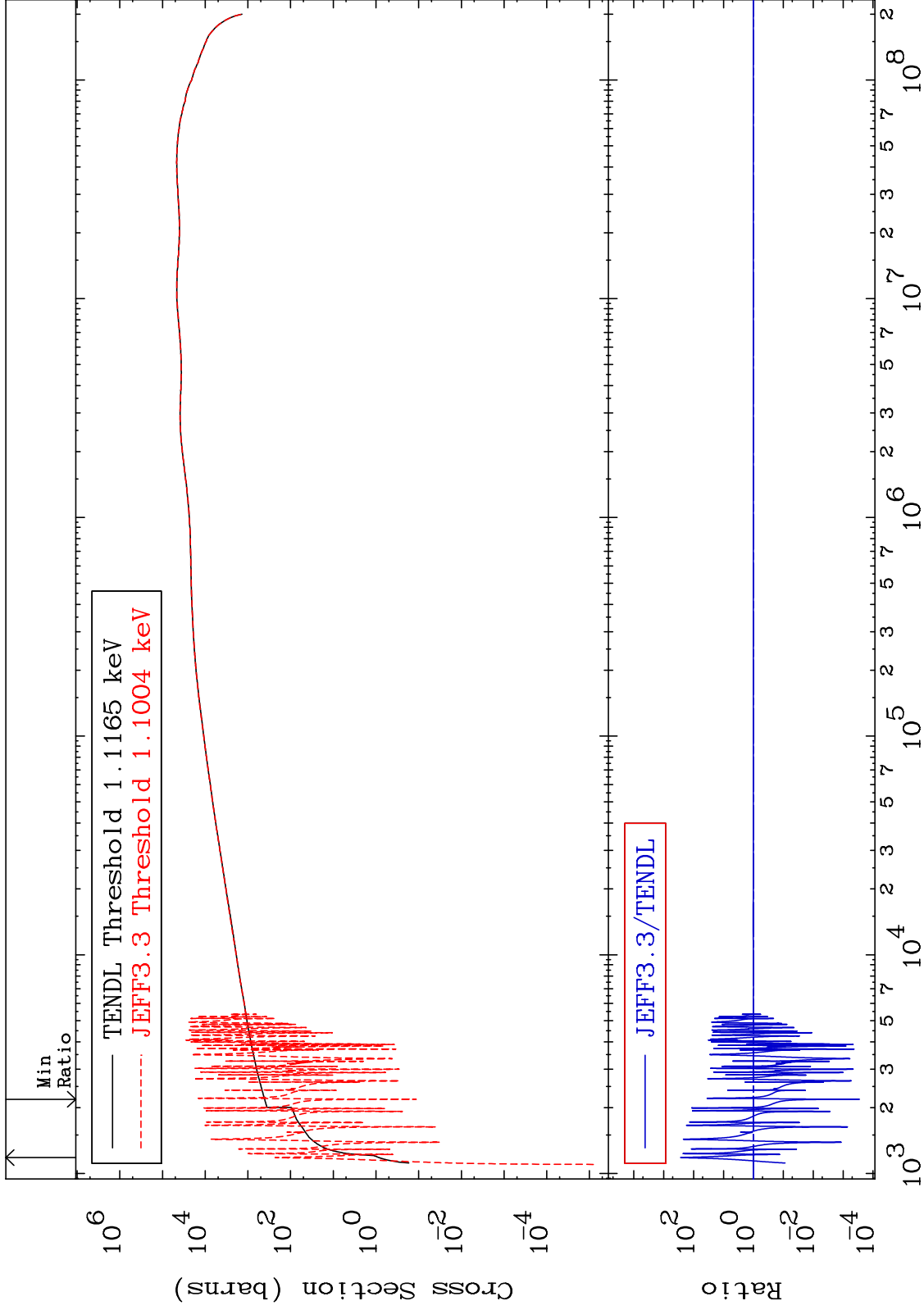
76-0s-192
-99.98 To 9999. %



MAT 7649

Dpa elastic (mt2)
Cross Section

76-Os-192
-99.97 To 9999. %

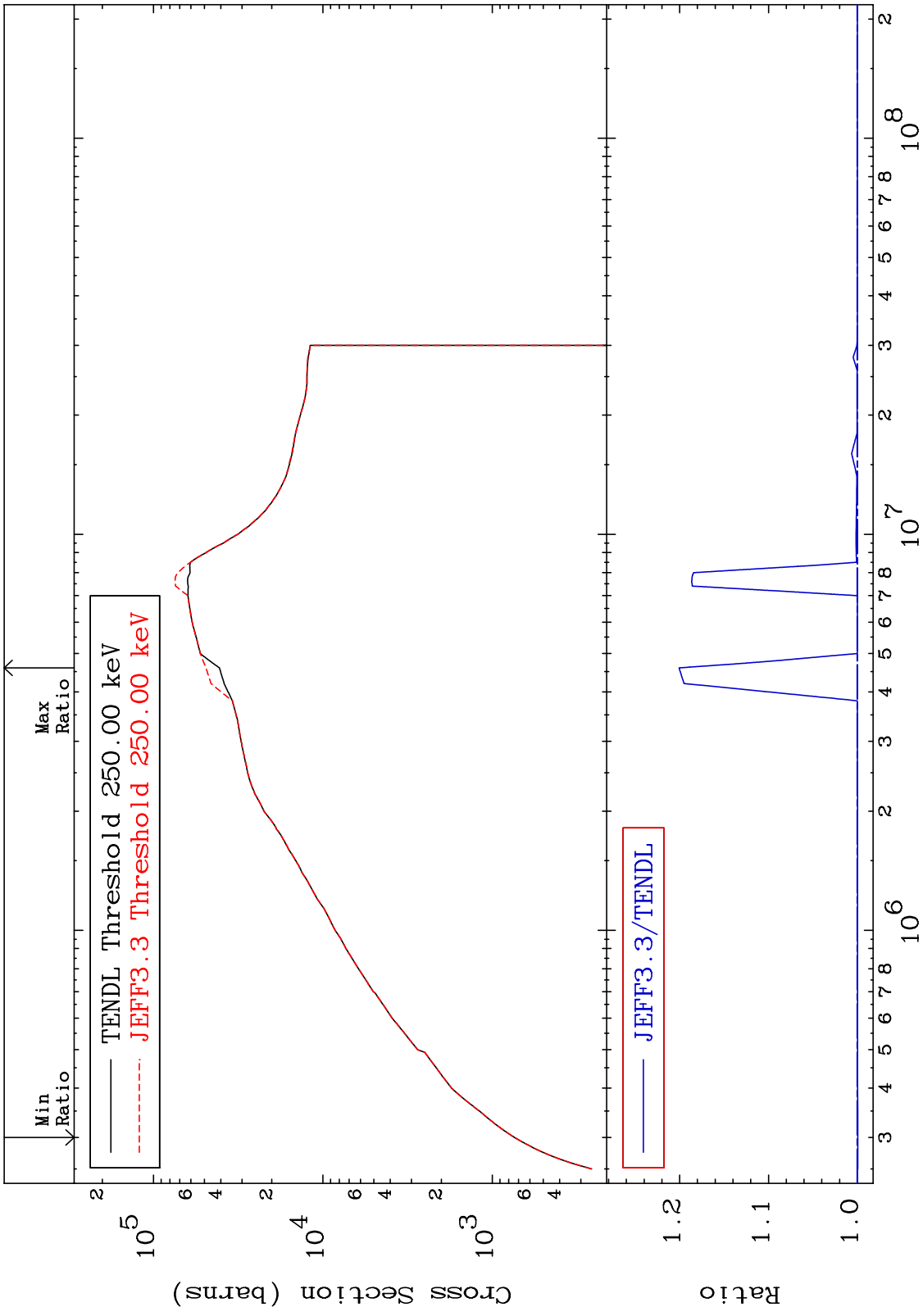


69

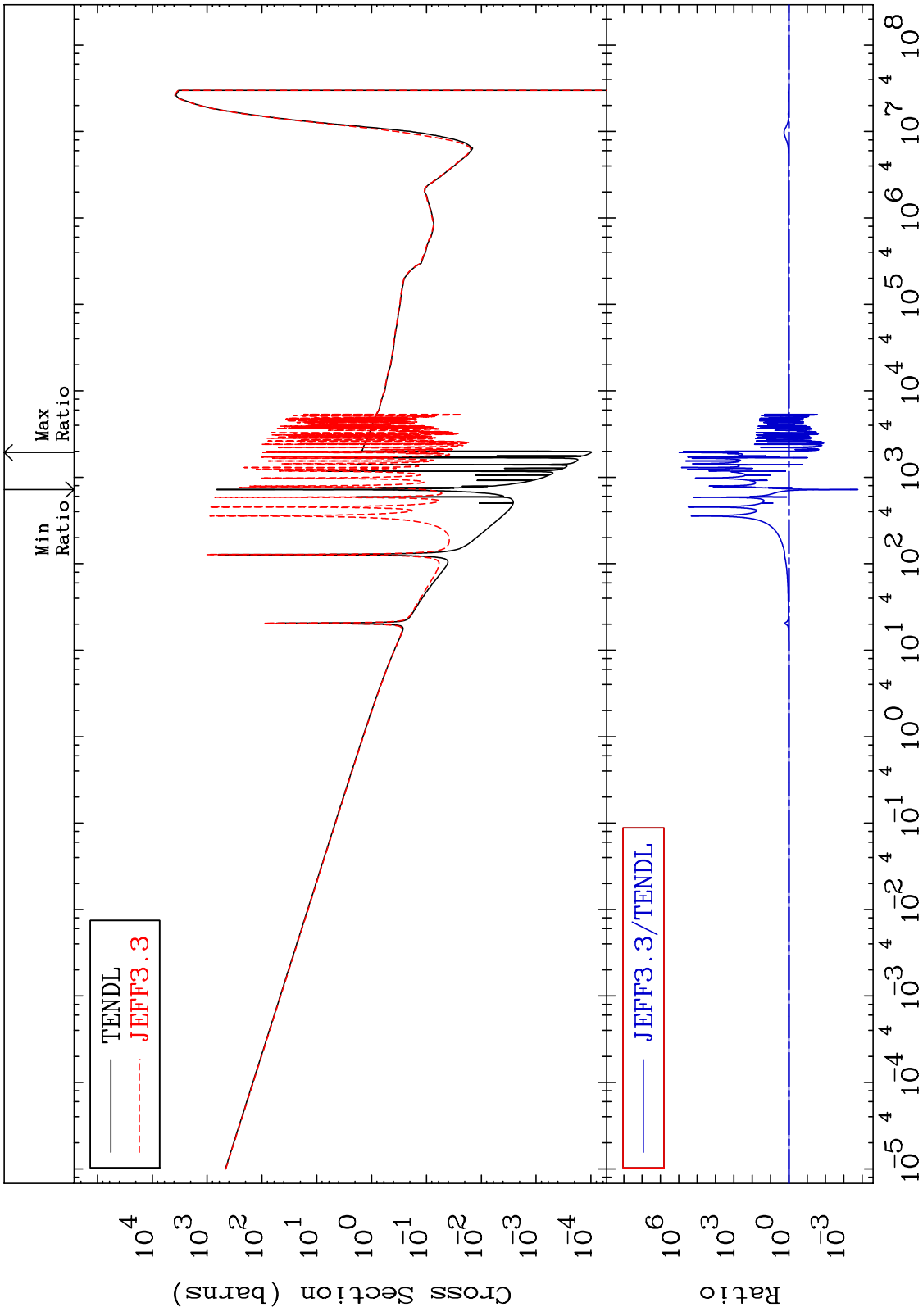
Incident Energy (eV)

76-Os-192

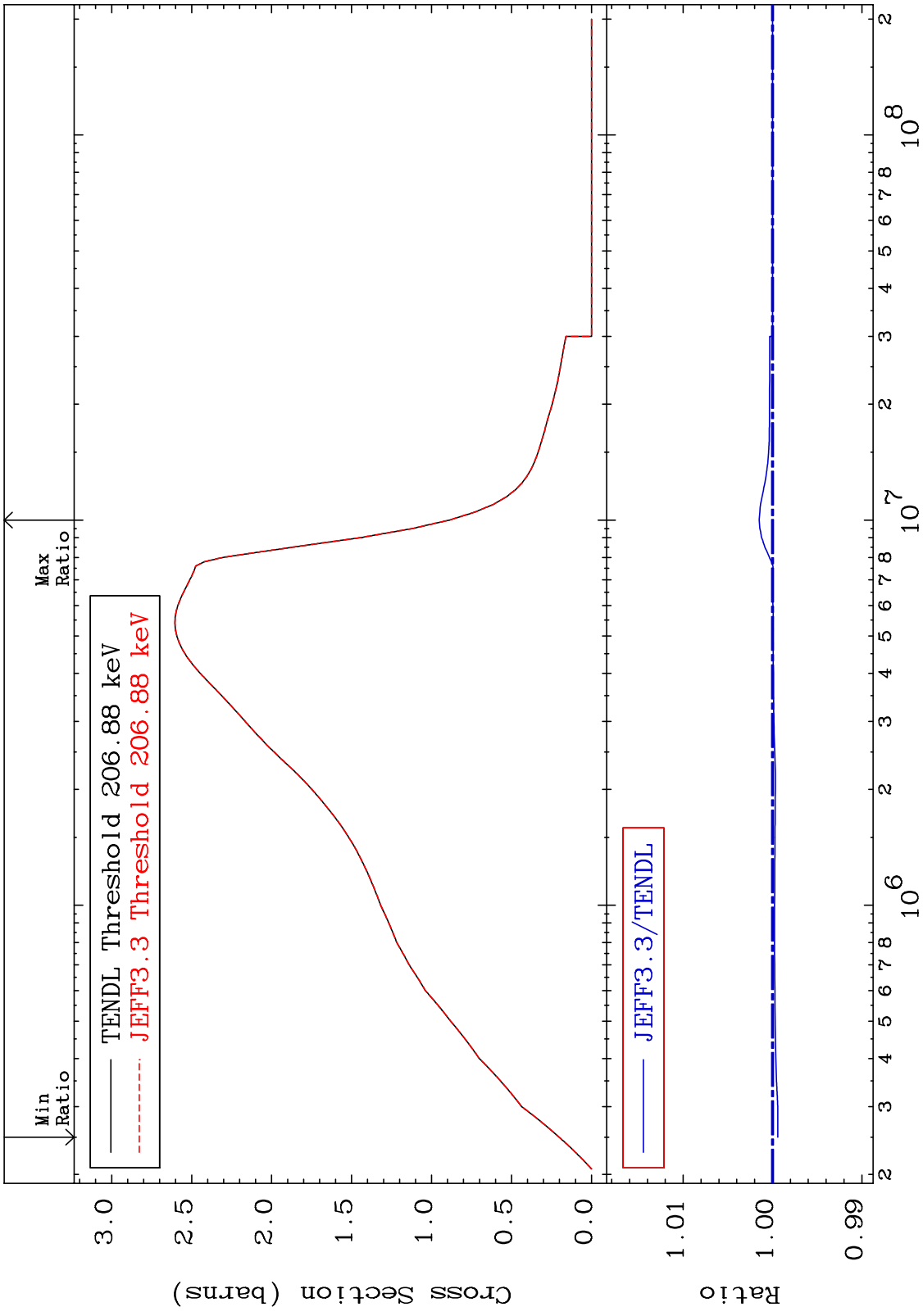
MAT 7649 Dpa inelastic (mt51-91) 76-0s-192
 Cross Section -0.059 To 20.07 %



MAT 7649 Dpa disappearance (mt102 -120) 76-0s-192
 Cross Section -99.98 To 9999. %

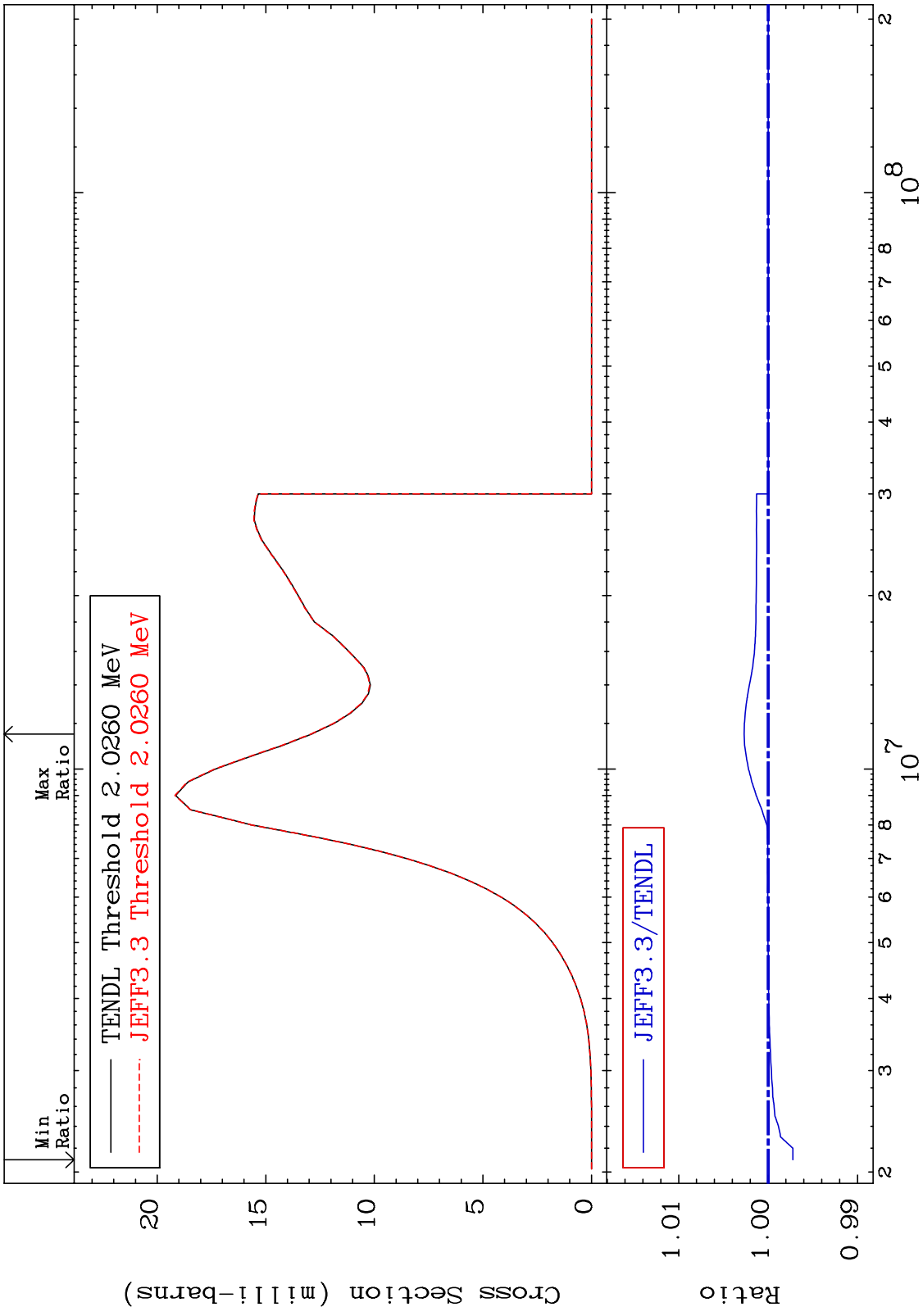


MAT 7649 Inelastic: 76-0s-192g 76-0s-192
 Radionuclide Production Cross Section -0.058 To 0.150 %

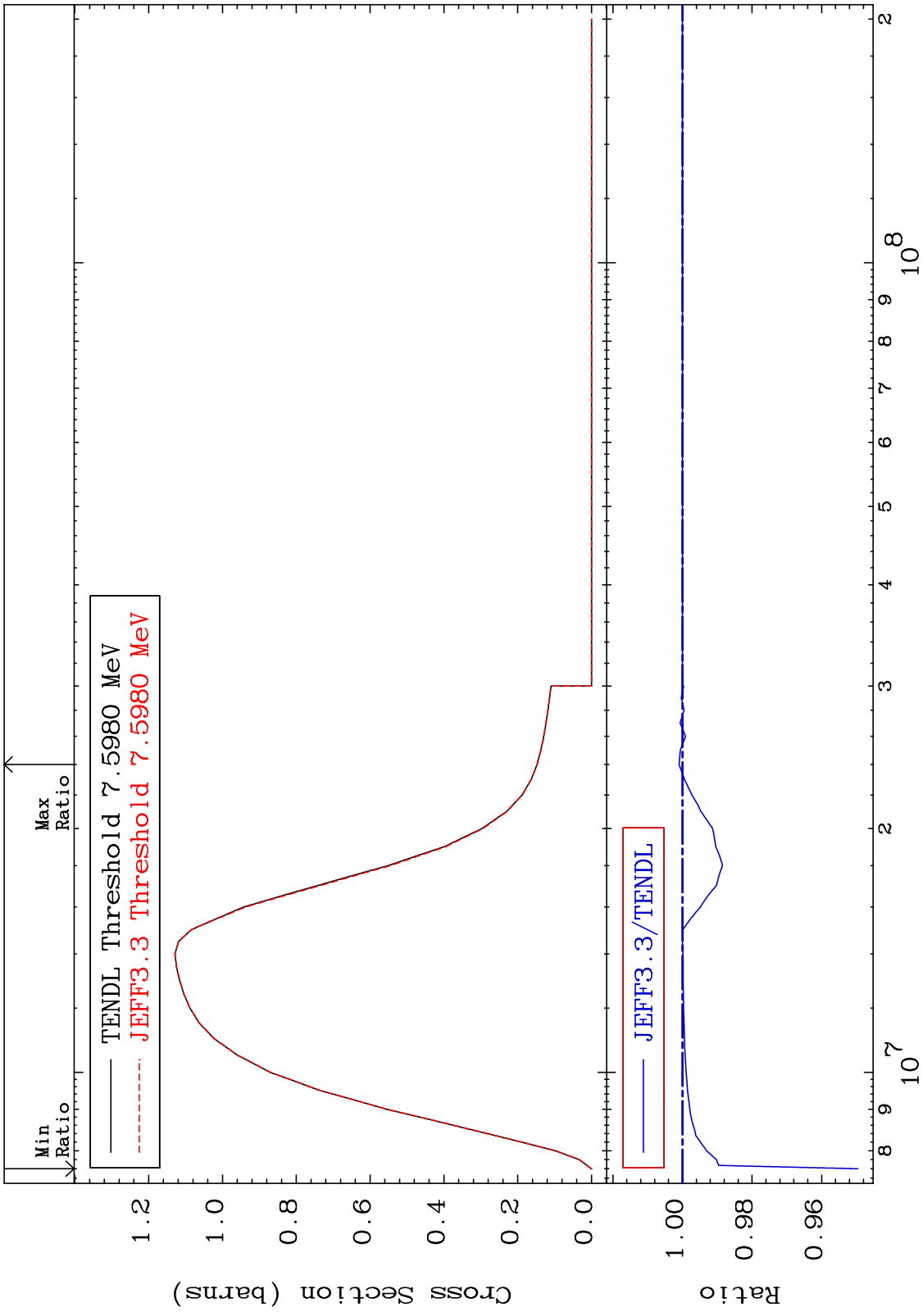


72 76-0s-192

MAT 7649 Inelastic: 76-0s-192m30 76-0s-192
 Radionuclide Production Cross Section -0.276 To 0.268 %

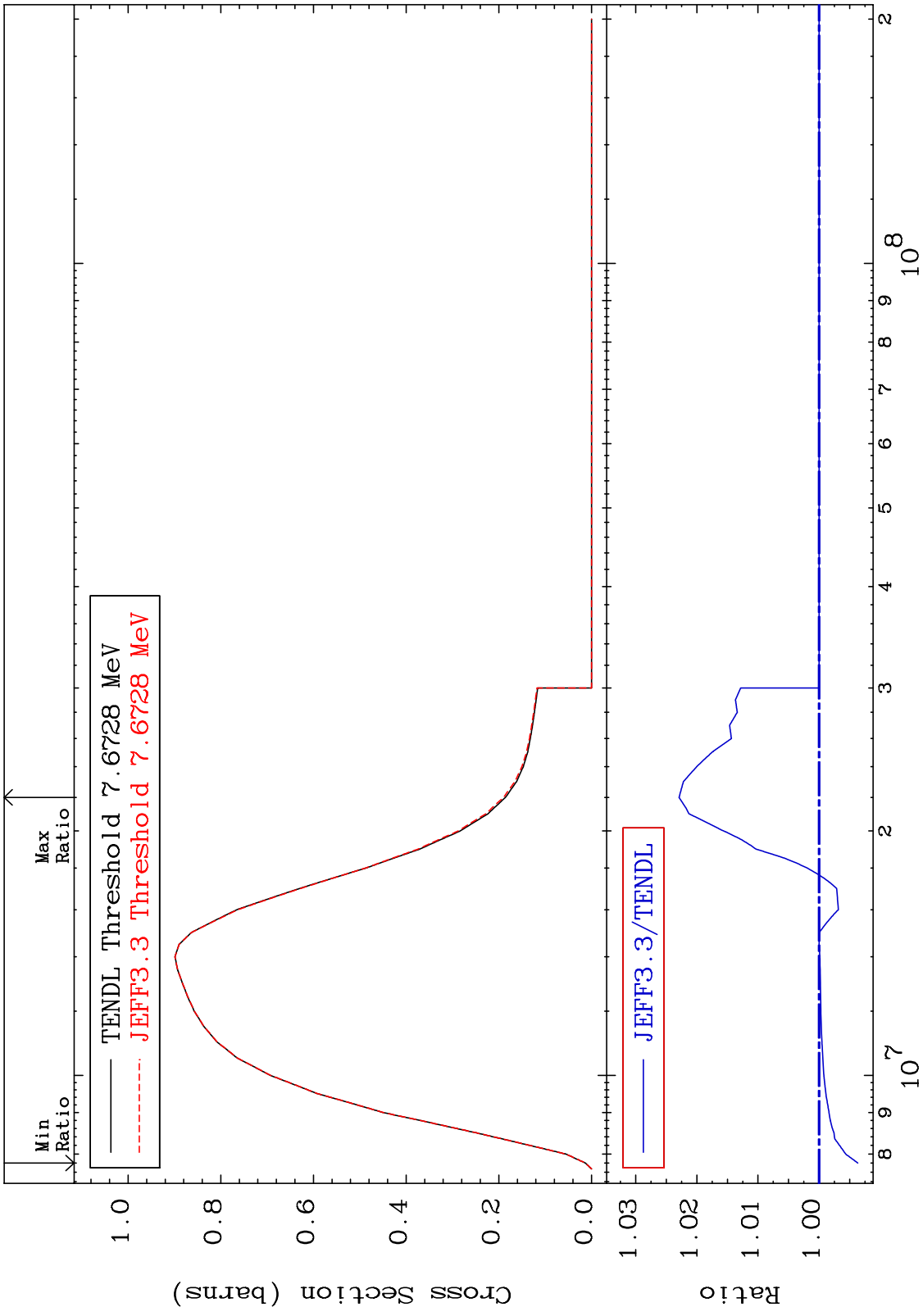


MAT 7649 (n,2n):76-0s-191g 76-0s-192
 Radionuclide Production Cross Section -5.040 To 0.099 %



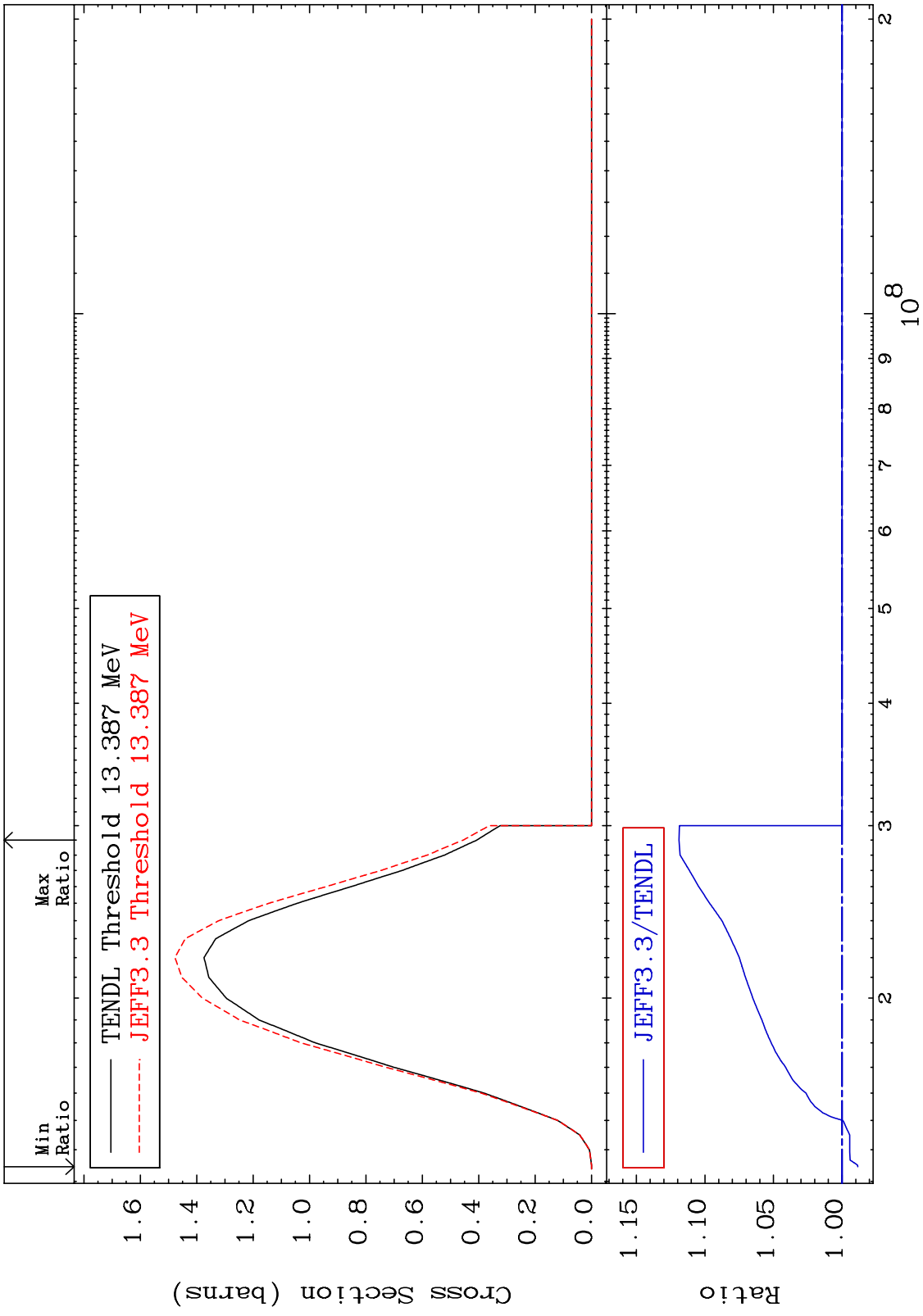
74 76-0s-192

MAT 7649 (n,2n):76-0s-191m1 76-0s-192
 Radionuclide Production Cross Section -0.633 To 2.291 %



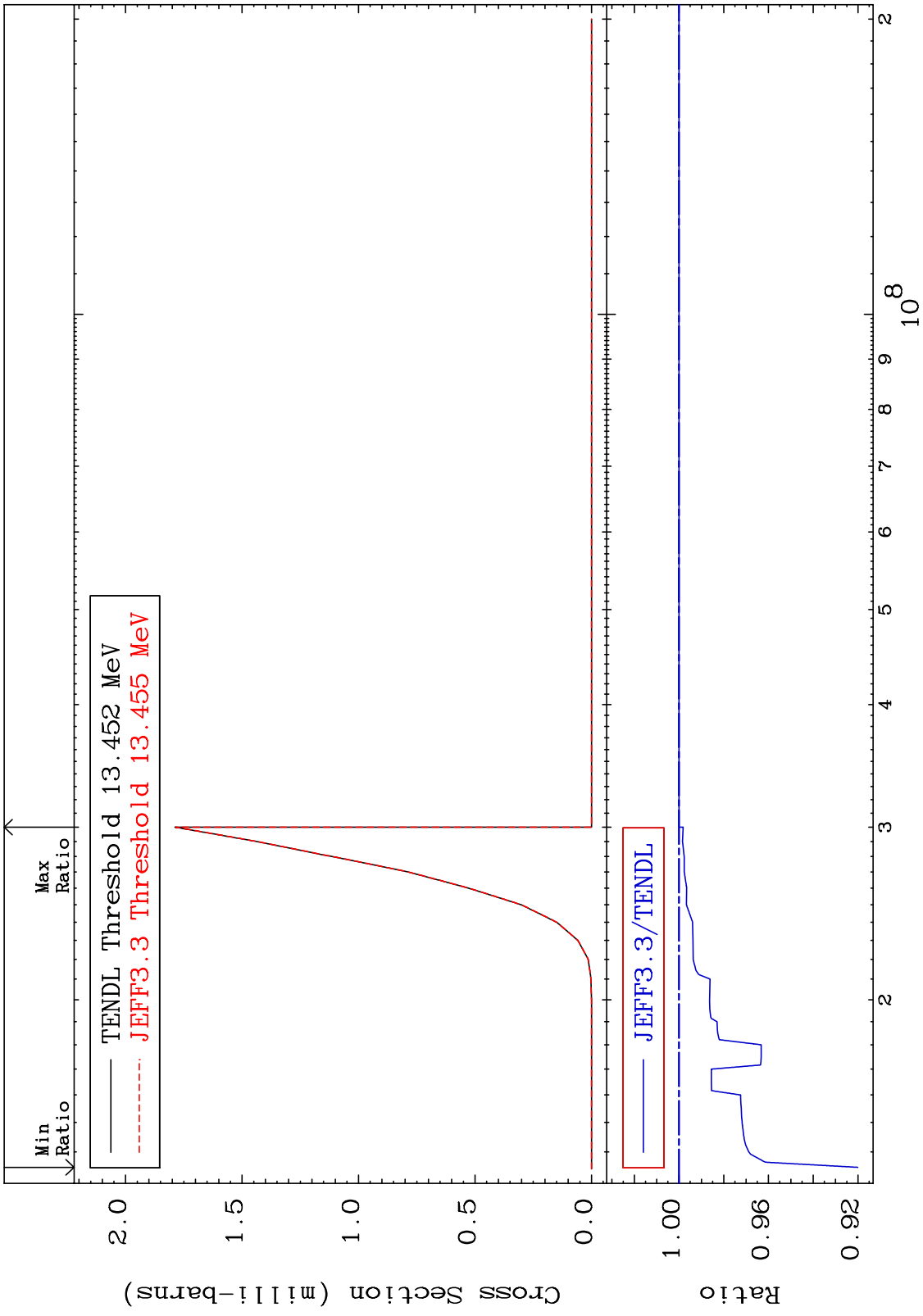
75 76-0s-192

MAT 7649 (n,3n):76-0s-190g 76-0s-192
 Radionuclide Production Cross Section -1.151 To 11.89 %

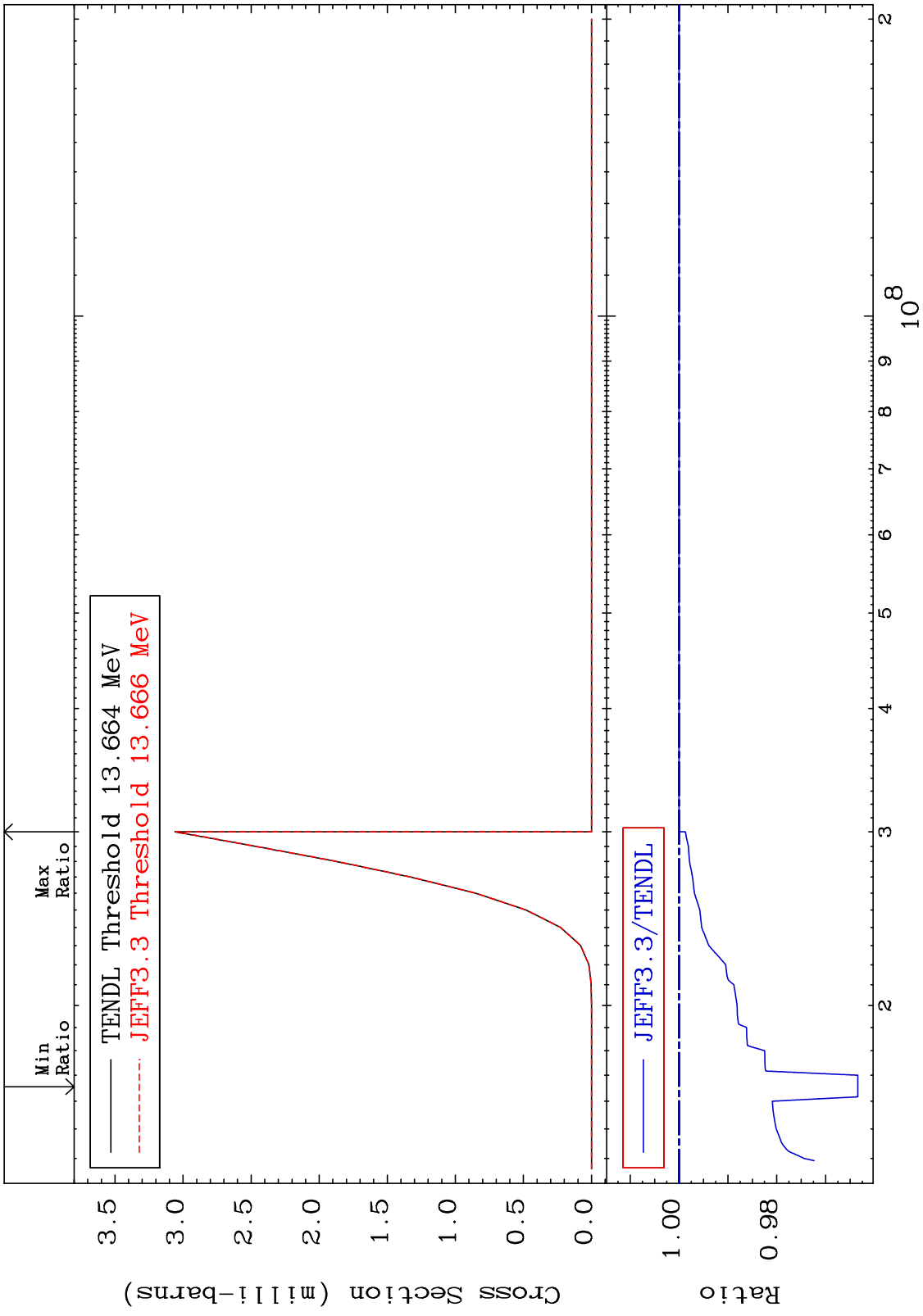


76 76-0s-192

MAT 7649 (n, n') d: 75-Re-190g 76-Os-192
 Radionuclide Production Cross Section -7.995 To 0.000 %



MAT 7649 (n,n') d:75-Re-190m3 76-0s-192
 Radionuclide Production Cross Section -3.659 To 0.000 %

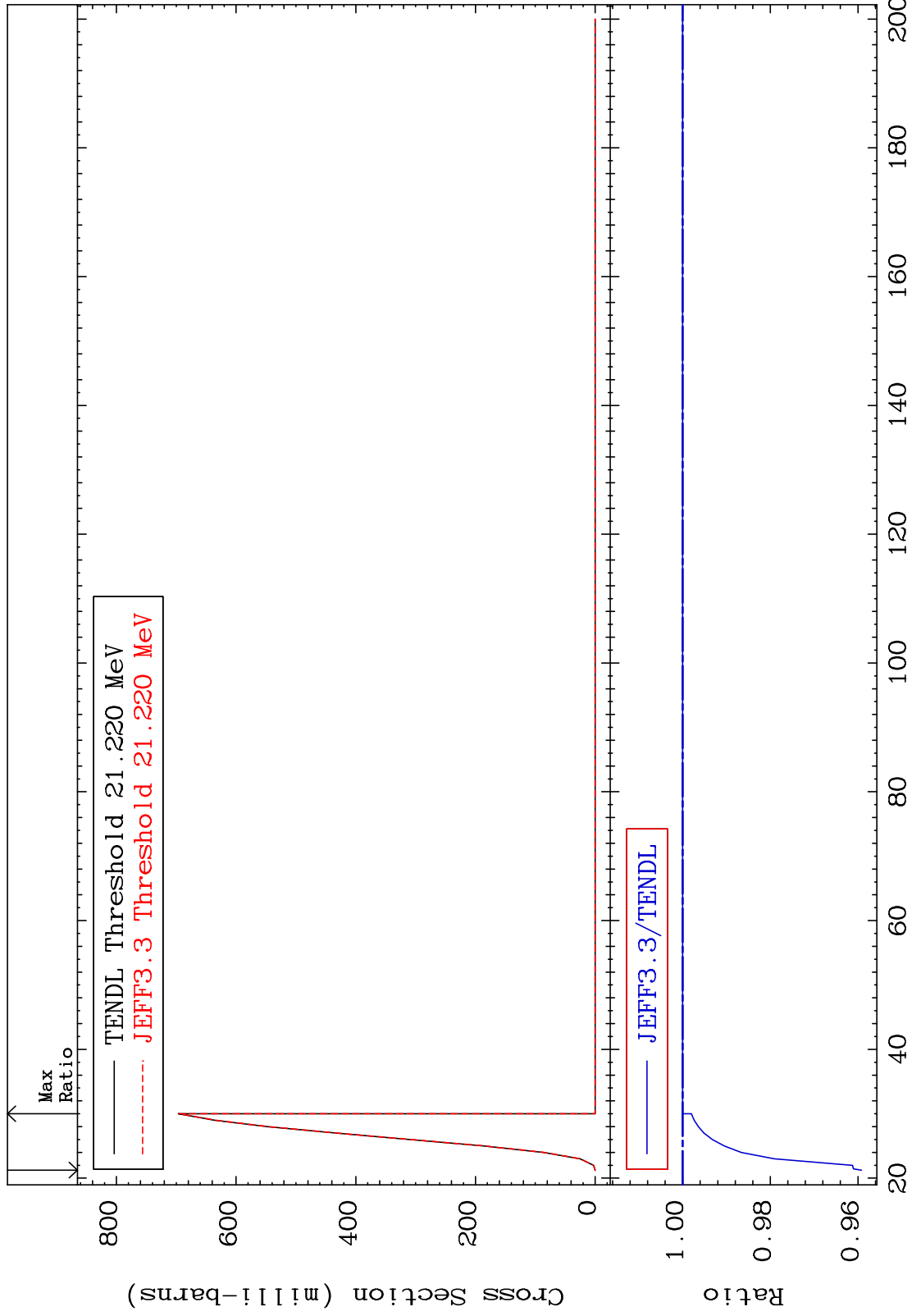


MAT 7649

(n,4n):76-0s-189g

76-0s-192

Radionuclide Production Cross Section -4.083 To 0.000 %



79

Incident Energy (MeV)

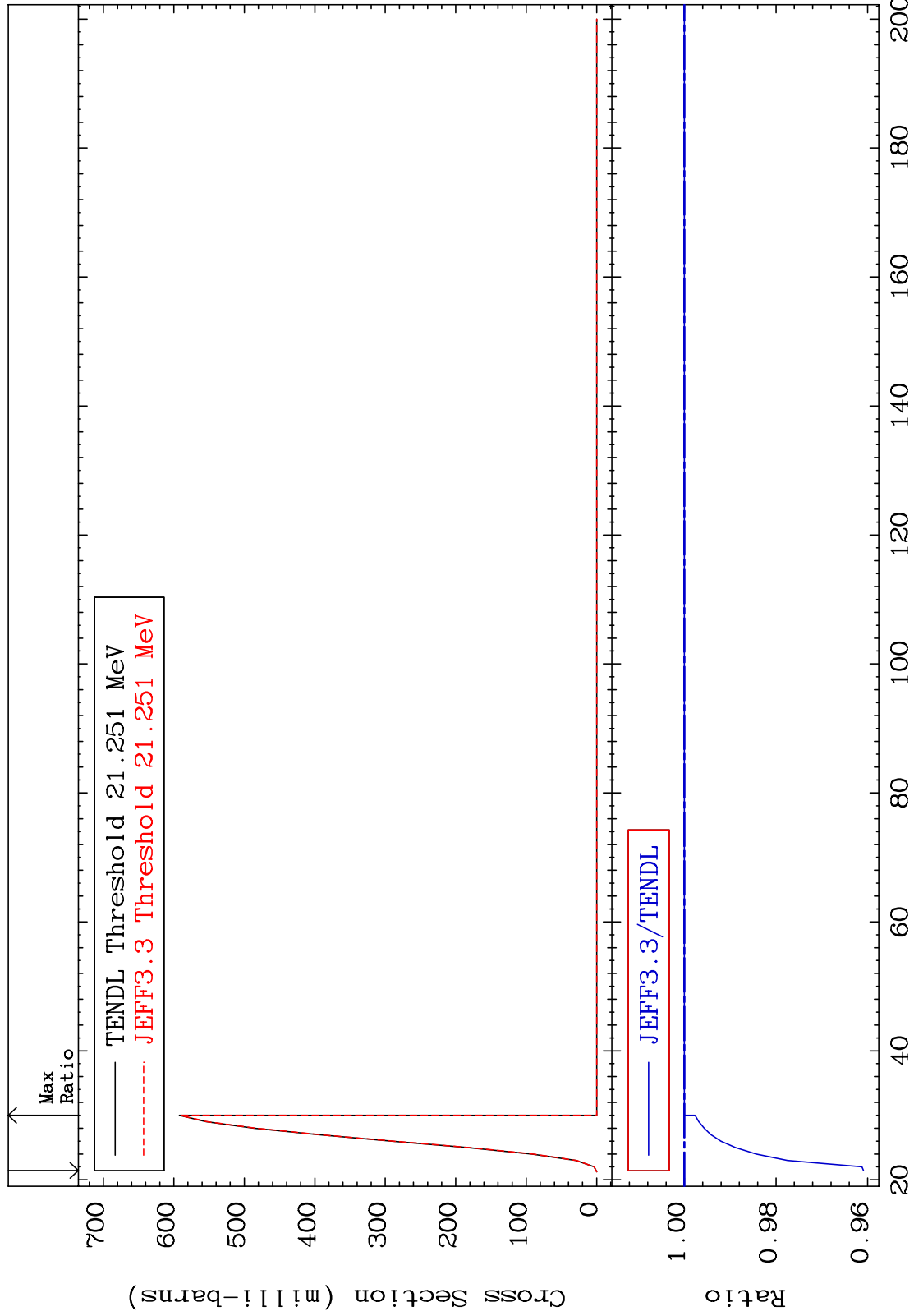
76-0s-192

MAT 7649

(n,4n):76-0s-189m1

76-0s-192

Radionuclide Production Cross Section -3.910 To 0.000 %

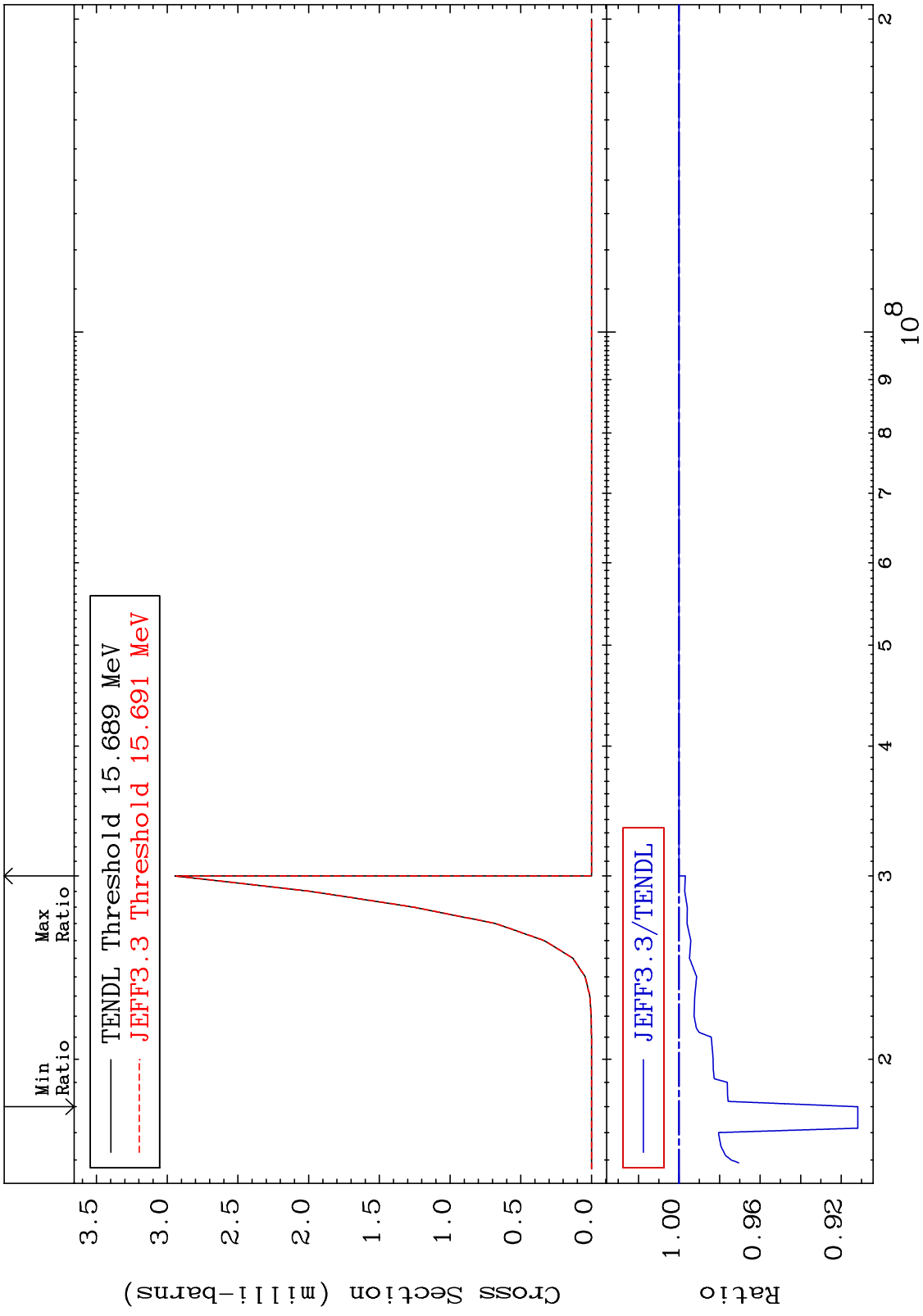


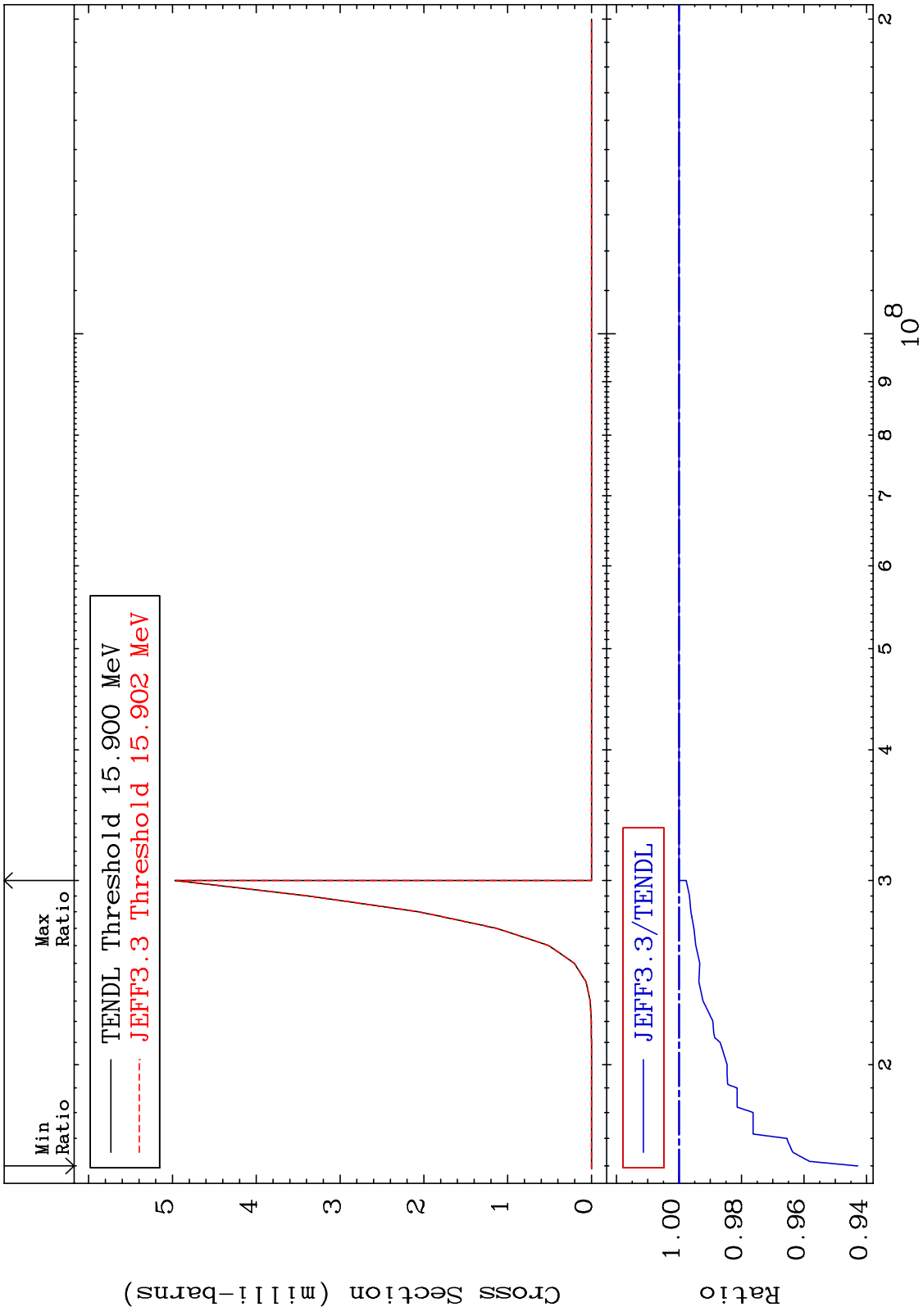
80

Incident Energy (MeV)

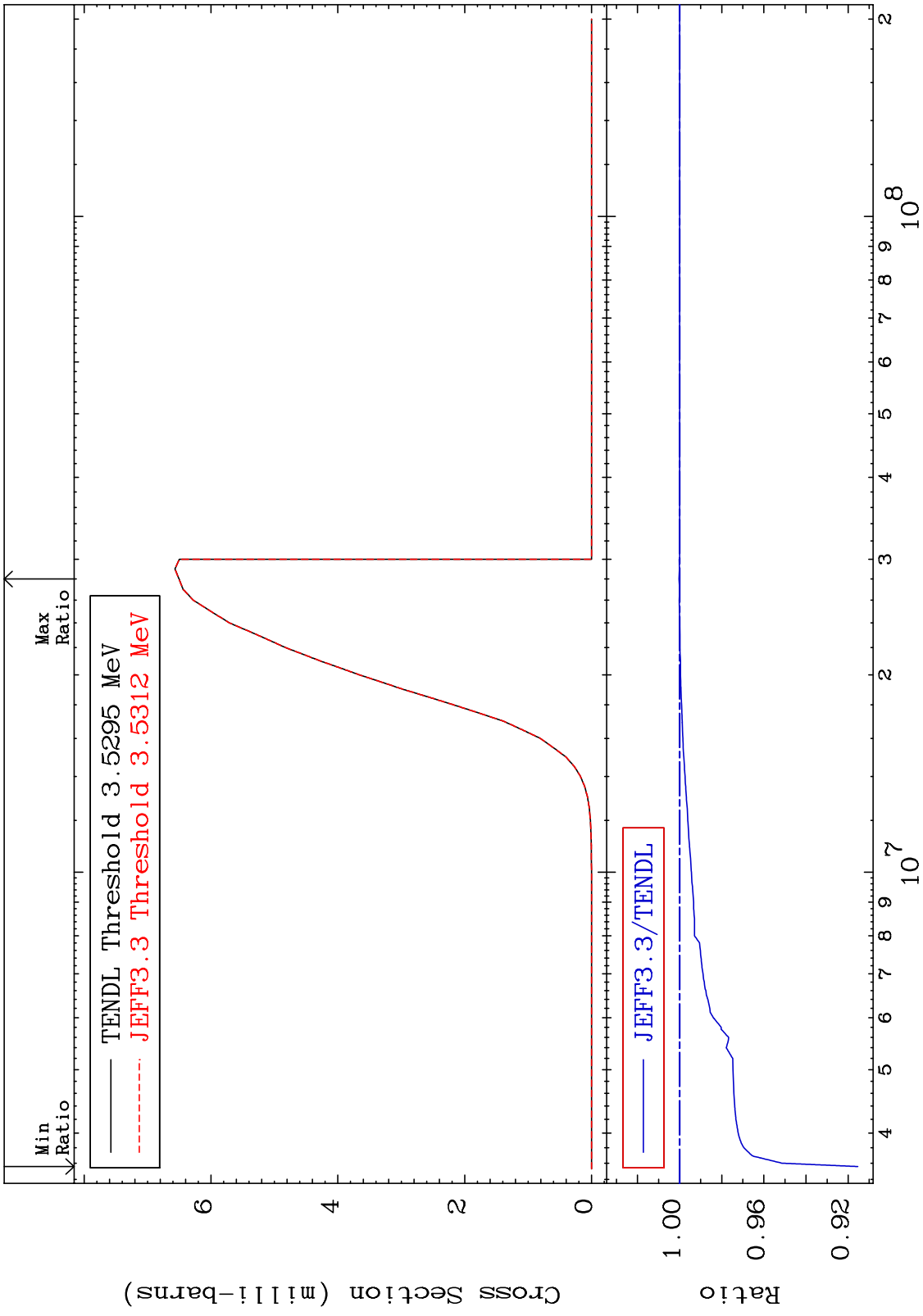
76-0s-192

MAT 7649 (n,2n) p:75-Re-190g 76-0s-192
 Radionuclide Production Cross Section -8.821 To 0.000 %





MAT 7649 (n,p):75-Re-192g 76-0s-192
 Radionuclide Production Cross Section -8.460 To 0.028 %

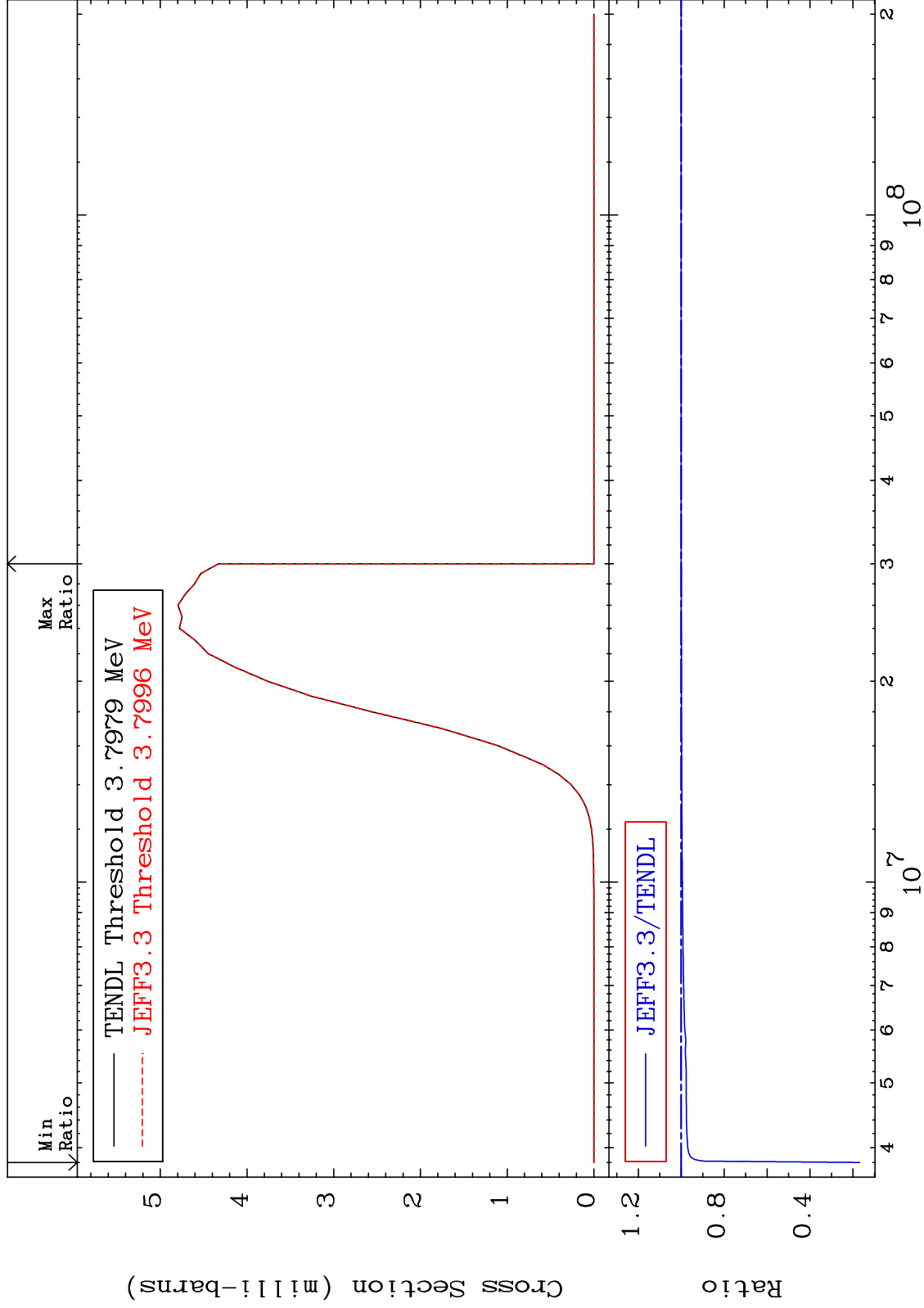


MAT 7649

(n, p) : 75-Re-192m2

76-0s-192

Radionuclide Production Cross Section -83.15 To 0.000 %

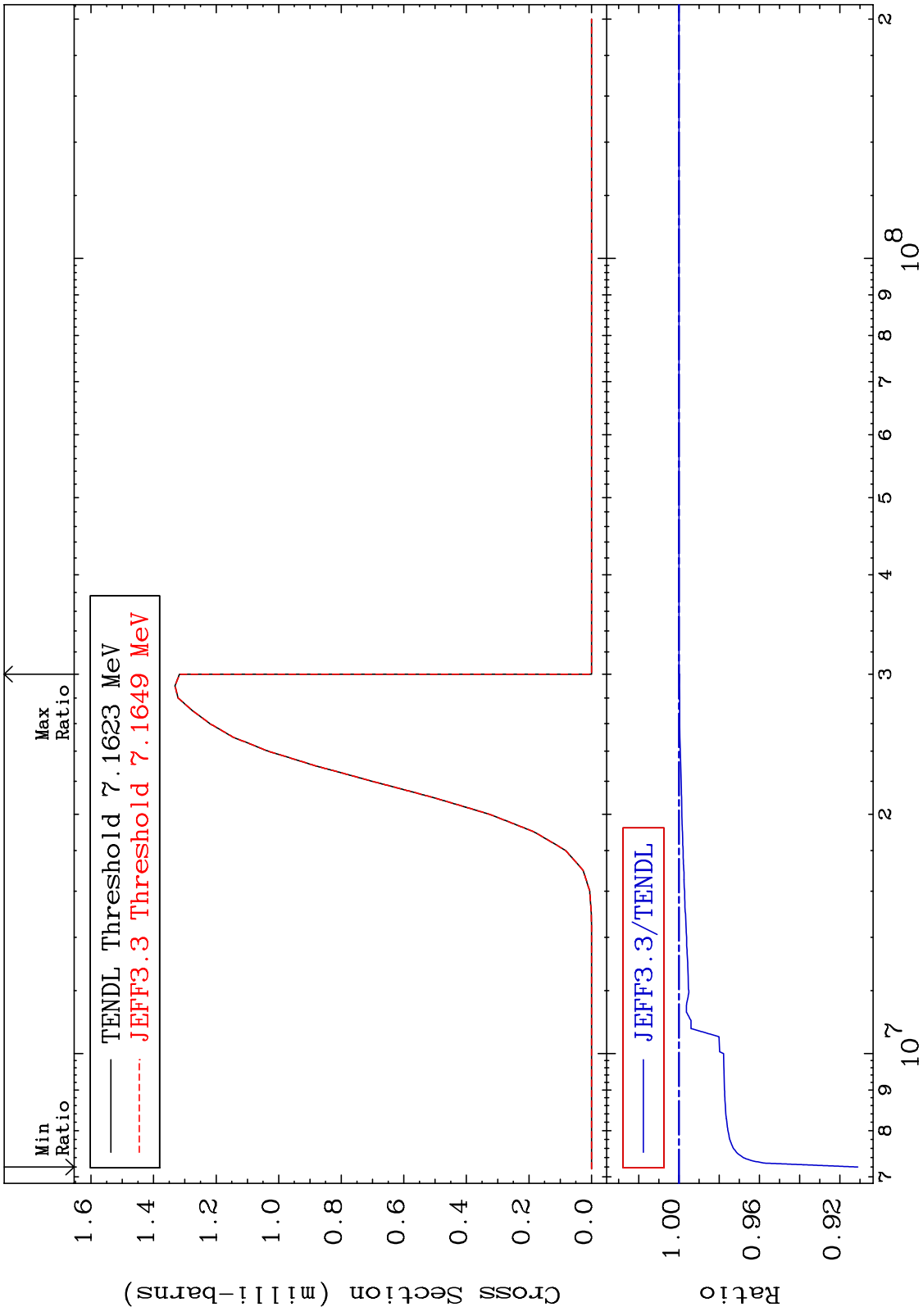


84

Incident Energy (eV)

76-0s-192

MAT 7649 (n,t):75-Re-190g 76-0s-192
 Radionuclide Production Cross Section -8.894 To 0.000 %



MAT 7649 (n, t): 75-Re-190m3 76-Os-192
 Radionuclide Production Cross Section -9.940 To 0.000 %

