

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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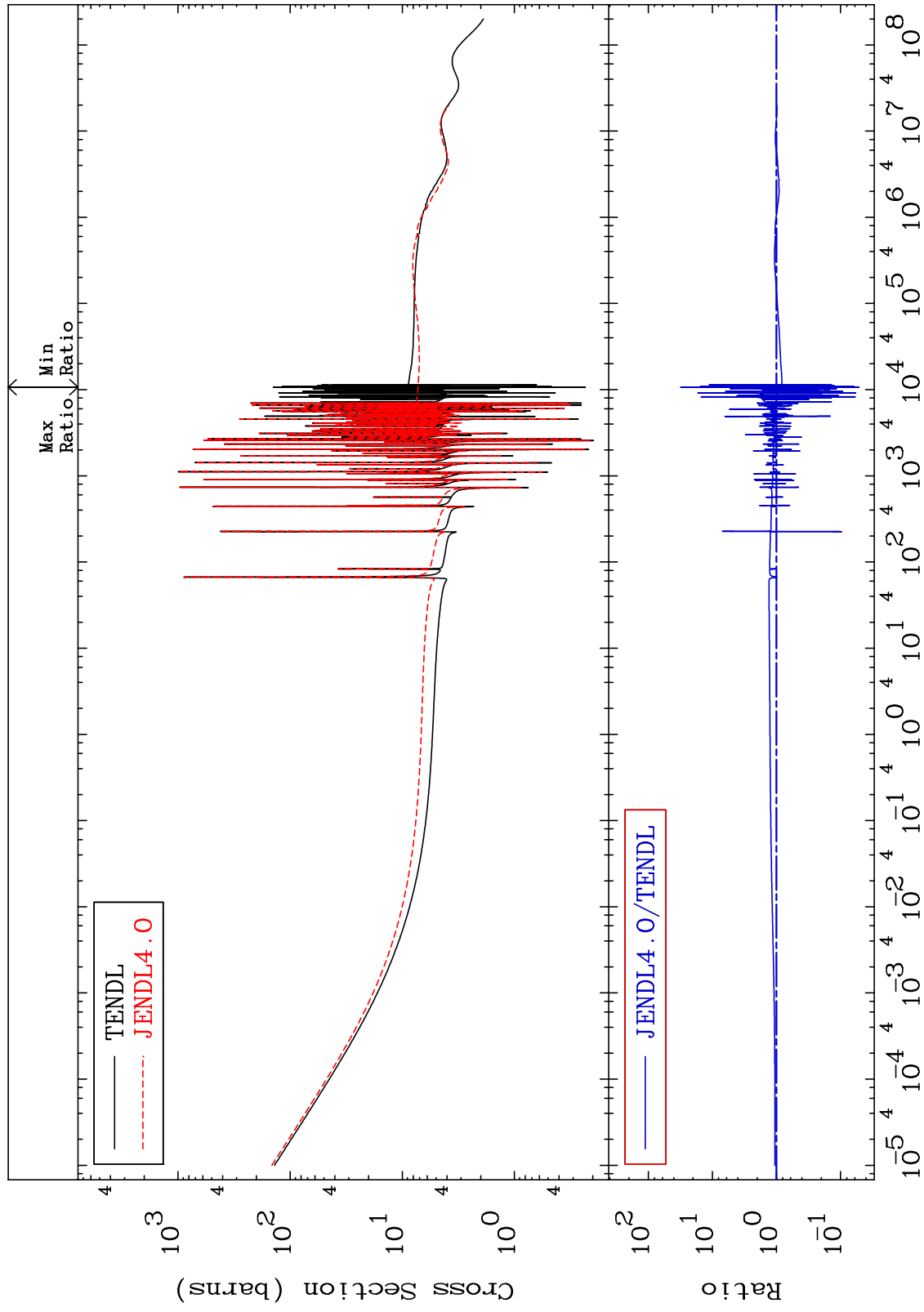
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

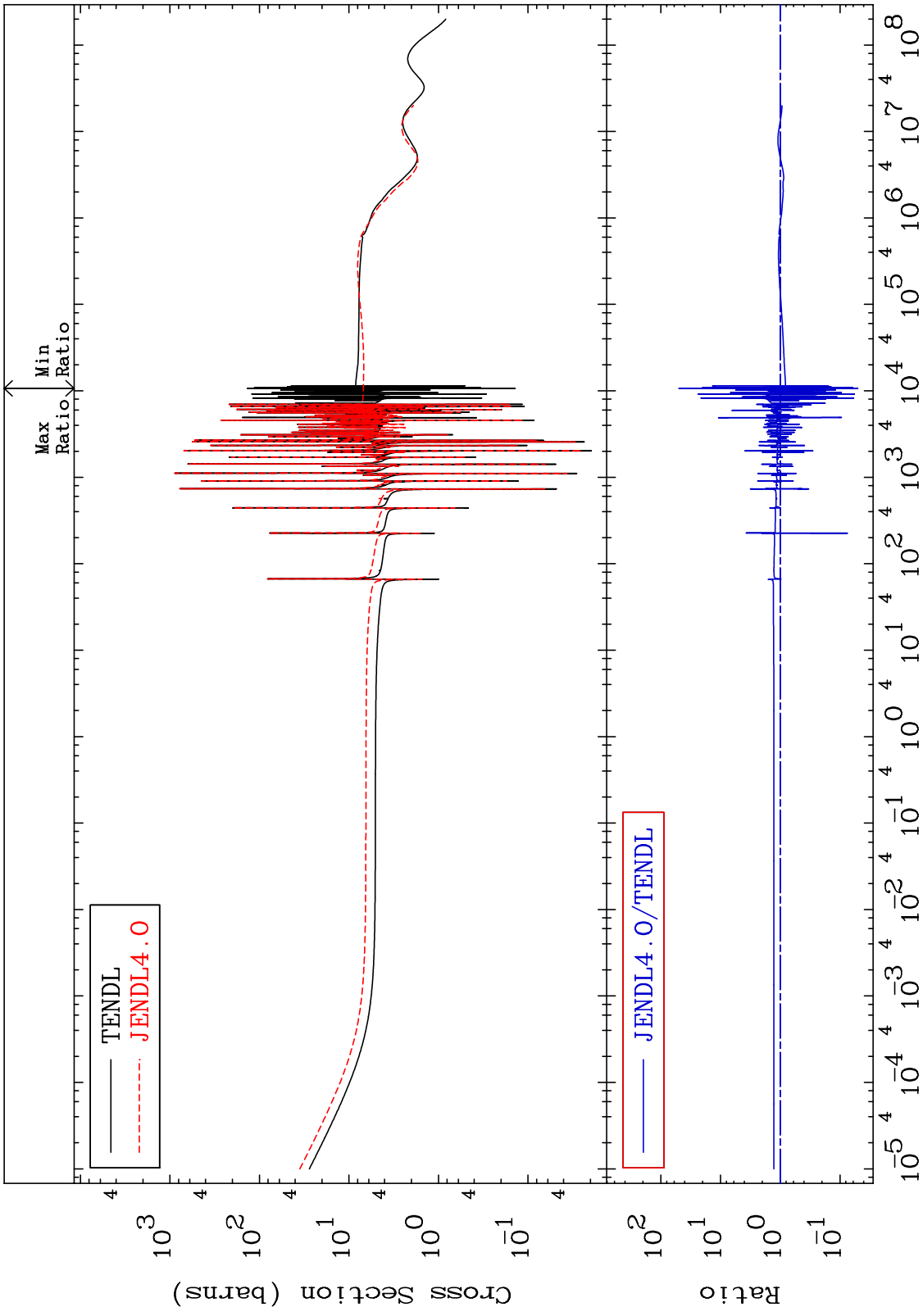
Press Mouse Button to Start

MAT 4843 Total Cross Section 48-Cd-112 -94.85 To 3003. %



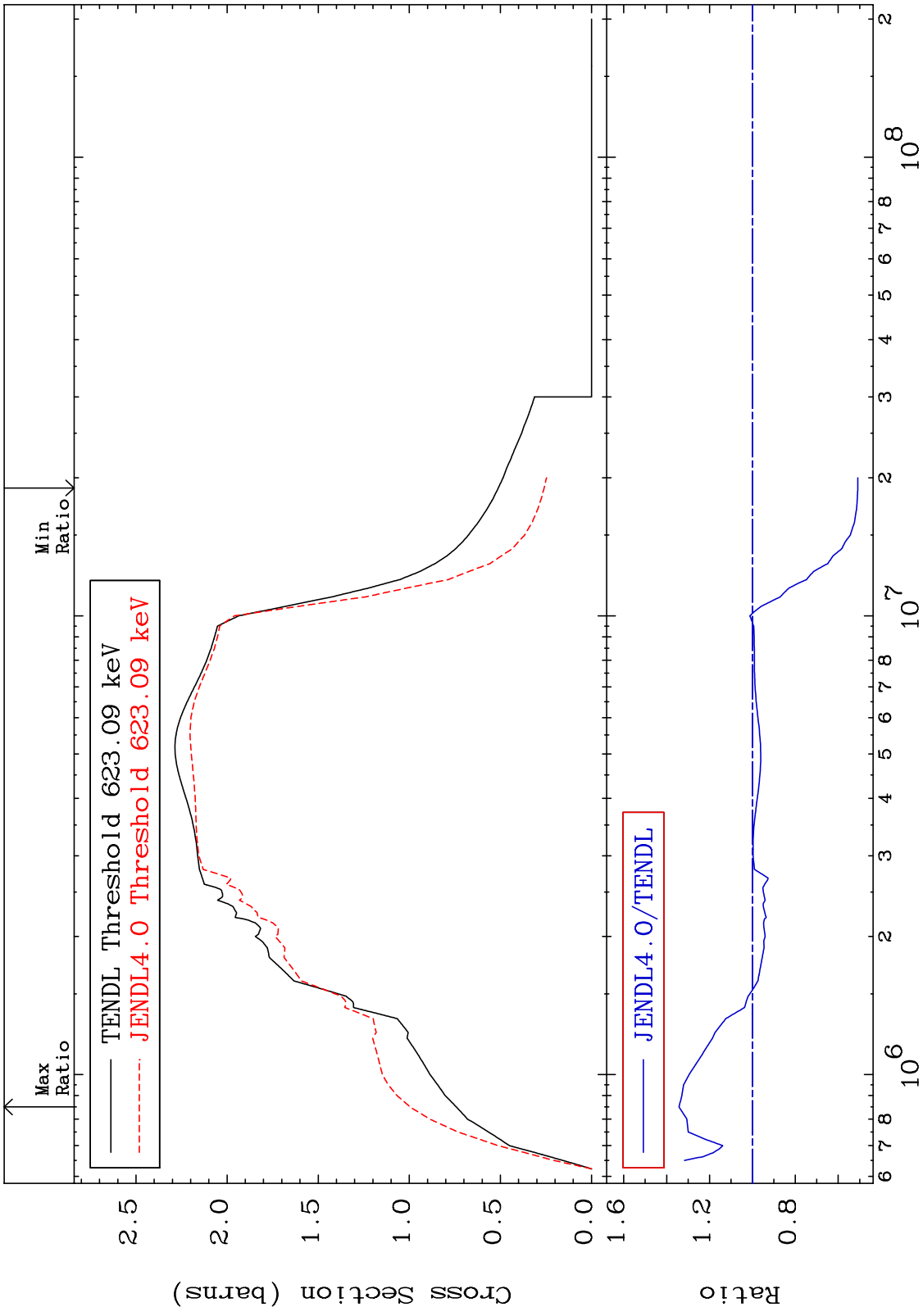
1 Incident Energy (eV) 48-Cd-112

MAT 4843 Elastic Cross Section 48-Cd-112 -94.97 To 4863. %



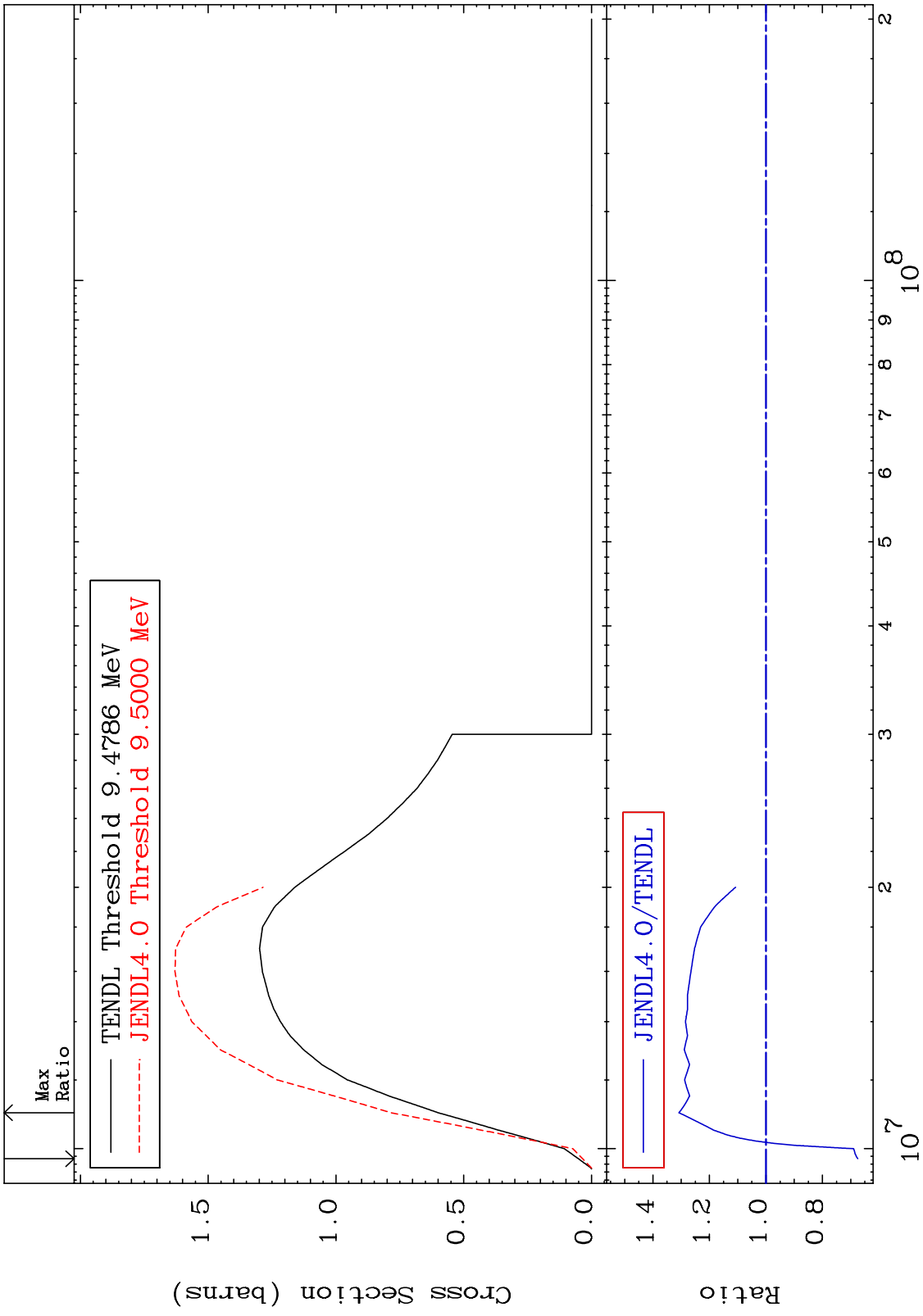
2 Incident Energy (eV) 48-Cd-112

MAT 4843 Inelastic Cross Section 48-Cd-112 -49.15 To 34.22 %



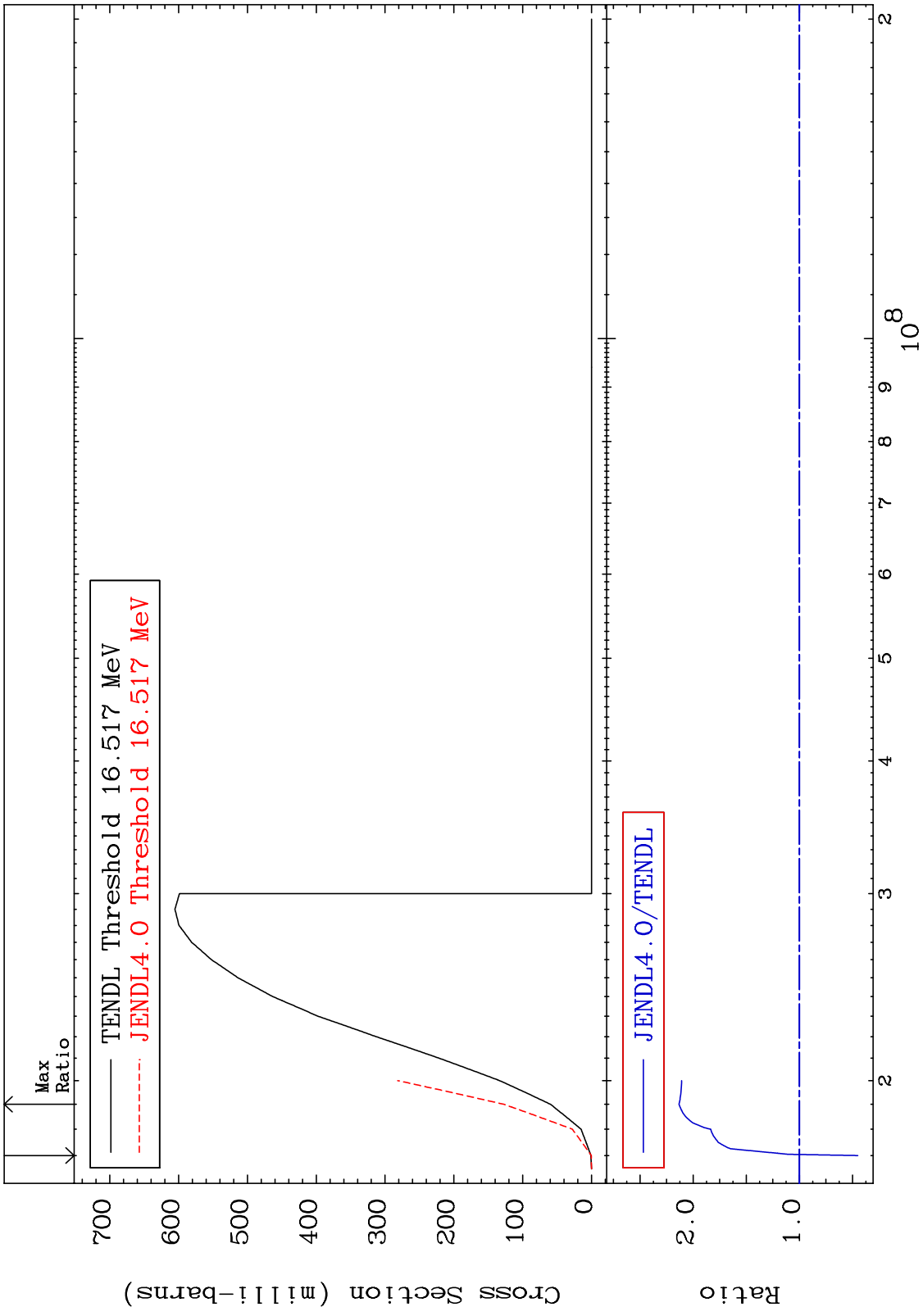
3 Incident Energy (eV) 48-Cd-112

MAT 4843 (n,2n) Cross Section 48-Cd-112 -32.51 To 30.76 %



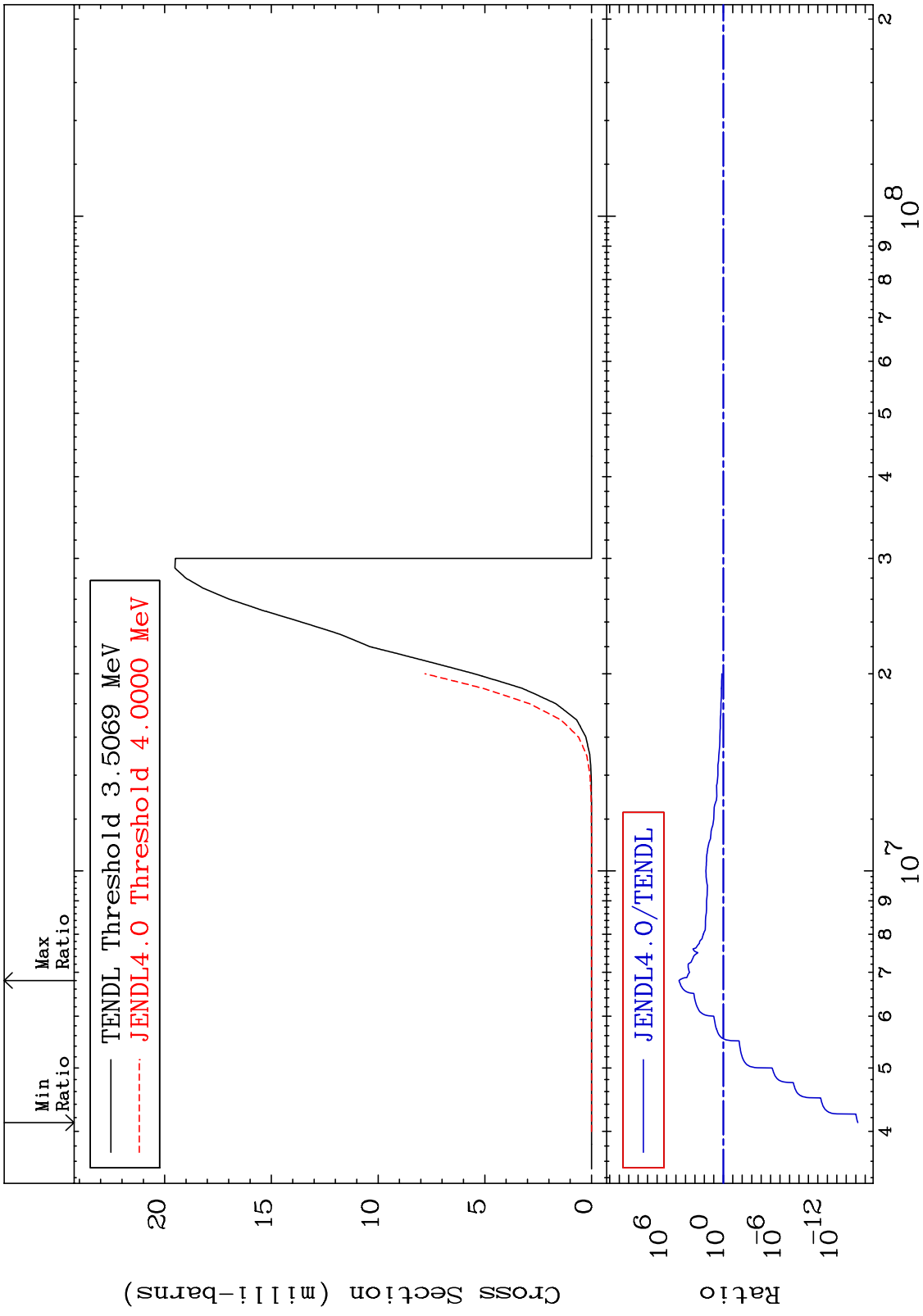
48-Cd-112

MAT 4843 (n,3n) Cross Section 48-Cd-112 -55.02 To 113.3 %

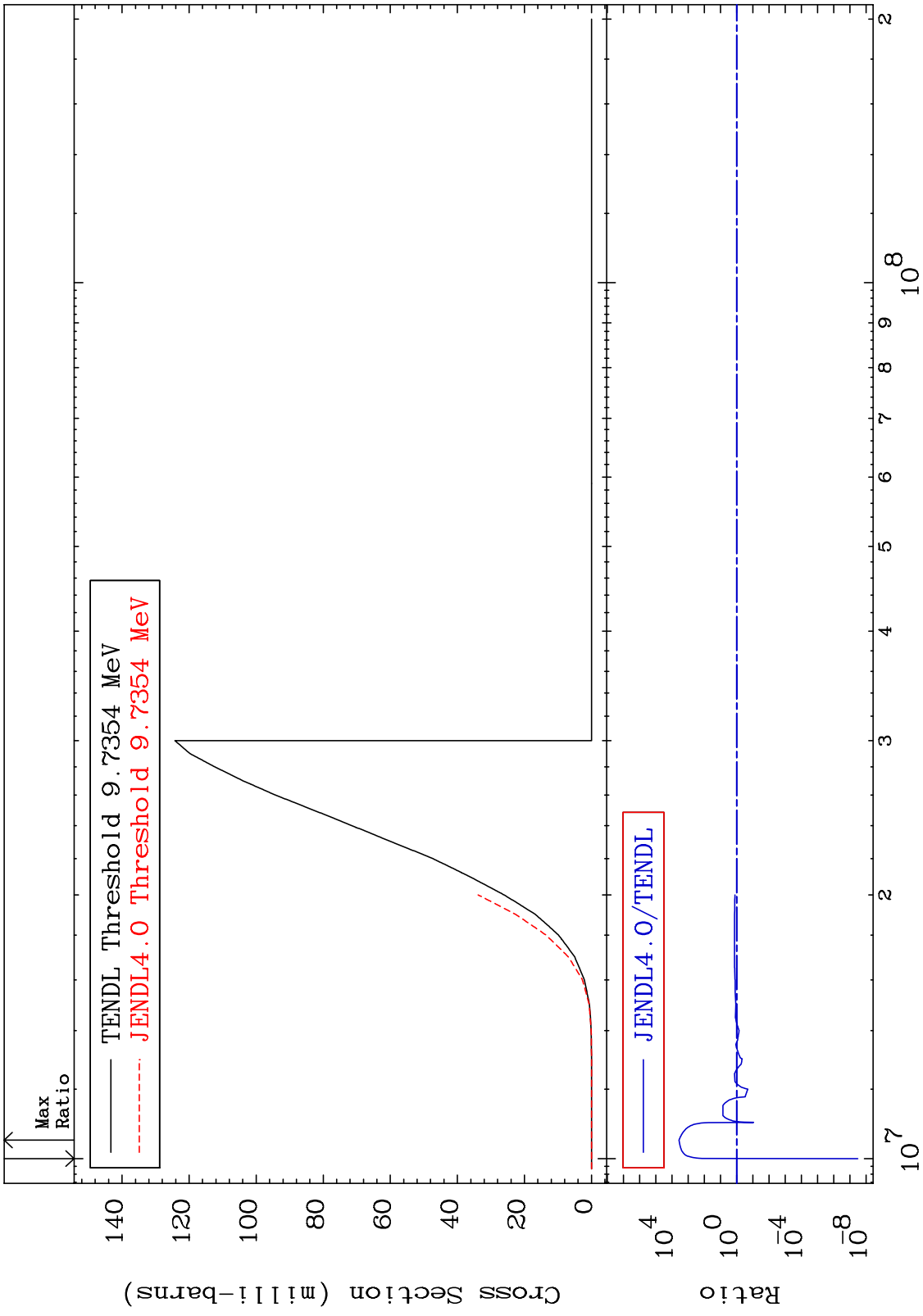


5 Incident Energy (eV) 48-Cd-112

MAT 4843  $(n, n') \alpha$  48-Cd-112  
 Cross Section -100.0 To 9999. %



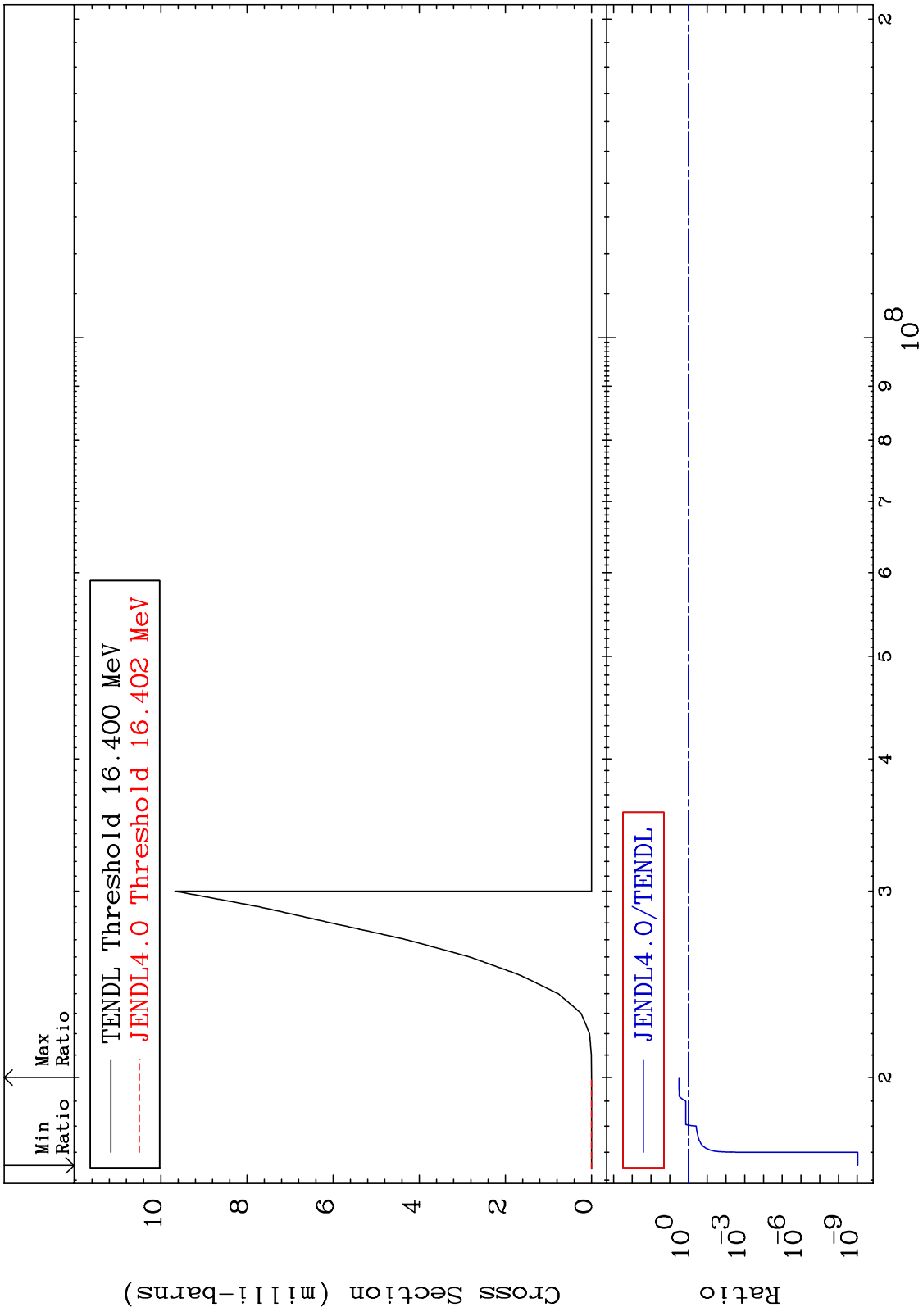
MAT 4843 (n,n') p 48-Cd-112  
Cross Section -100.0 To 9999. %



Incident Energy (eV) 48-Cd-112



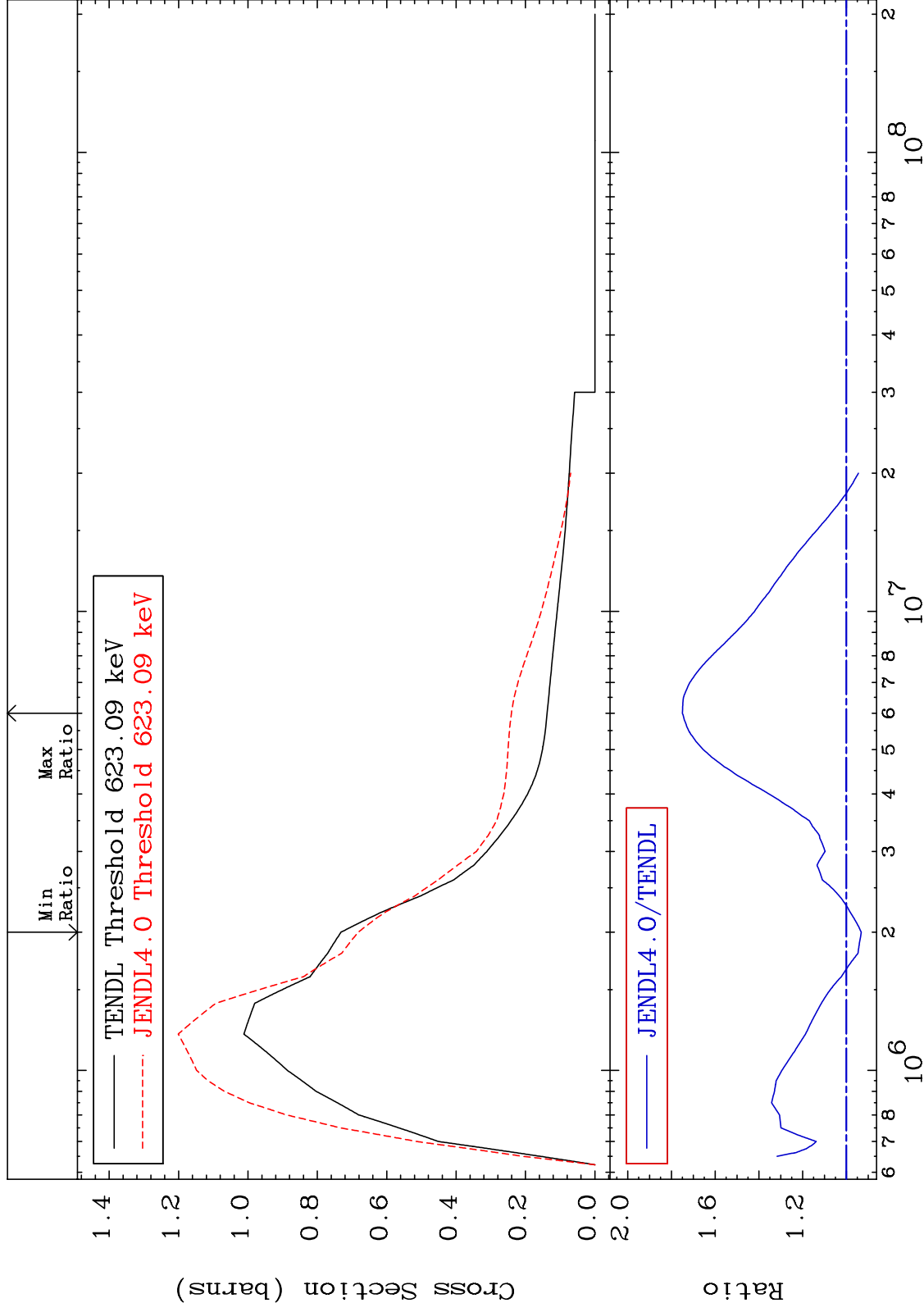
MAT 4843 (n,n') d 48-Cd-112  
 Cross Section -100.0 To 219.4 %



MAT 4843

MT= 51 (n,n') Level  
Cross Section

48-Cd-112  
-6.777 To 74.95 %

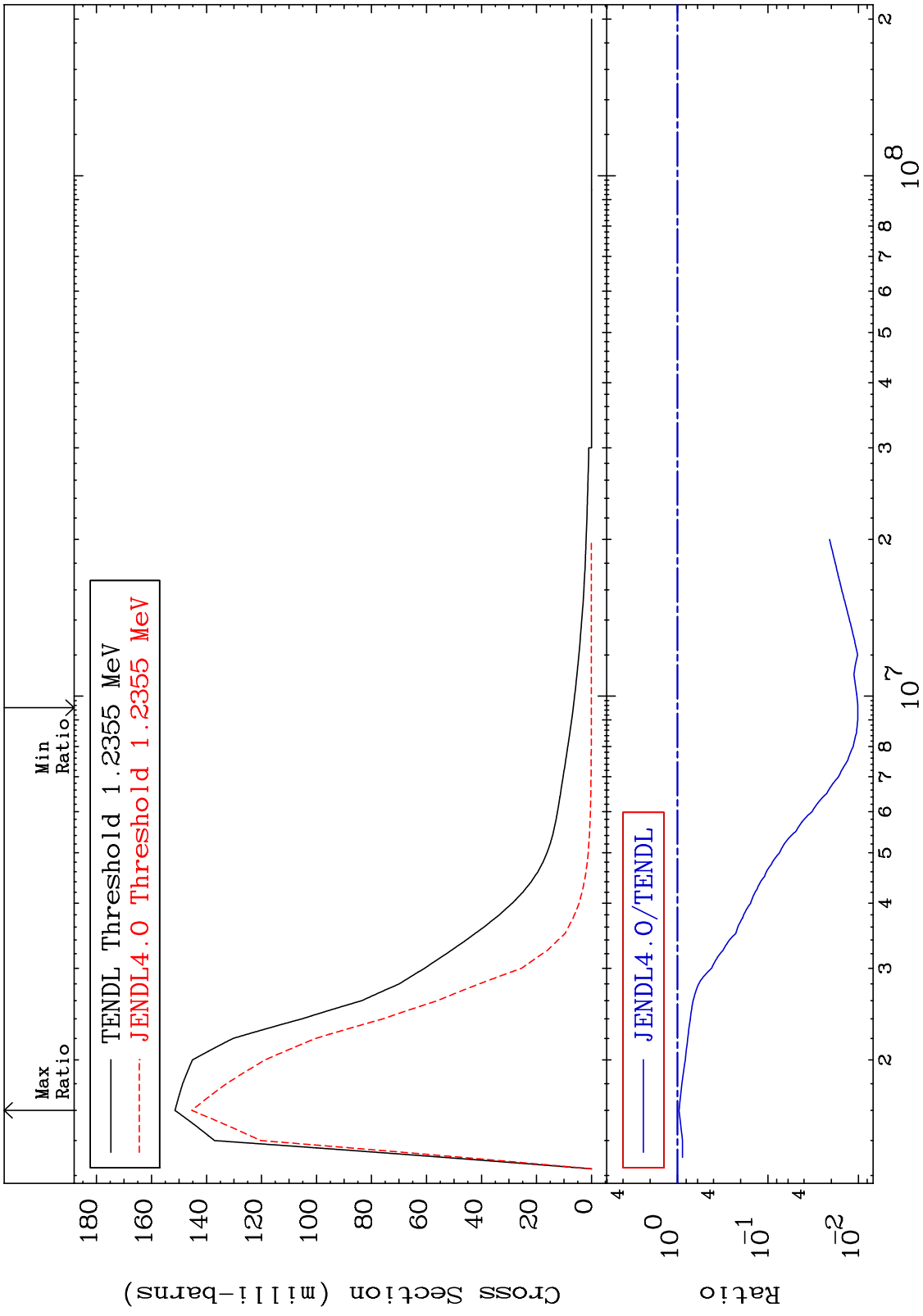


9

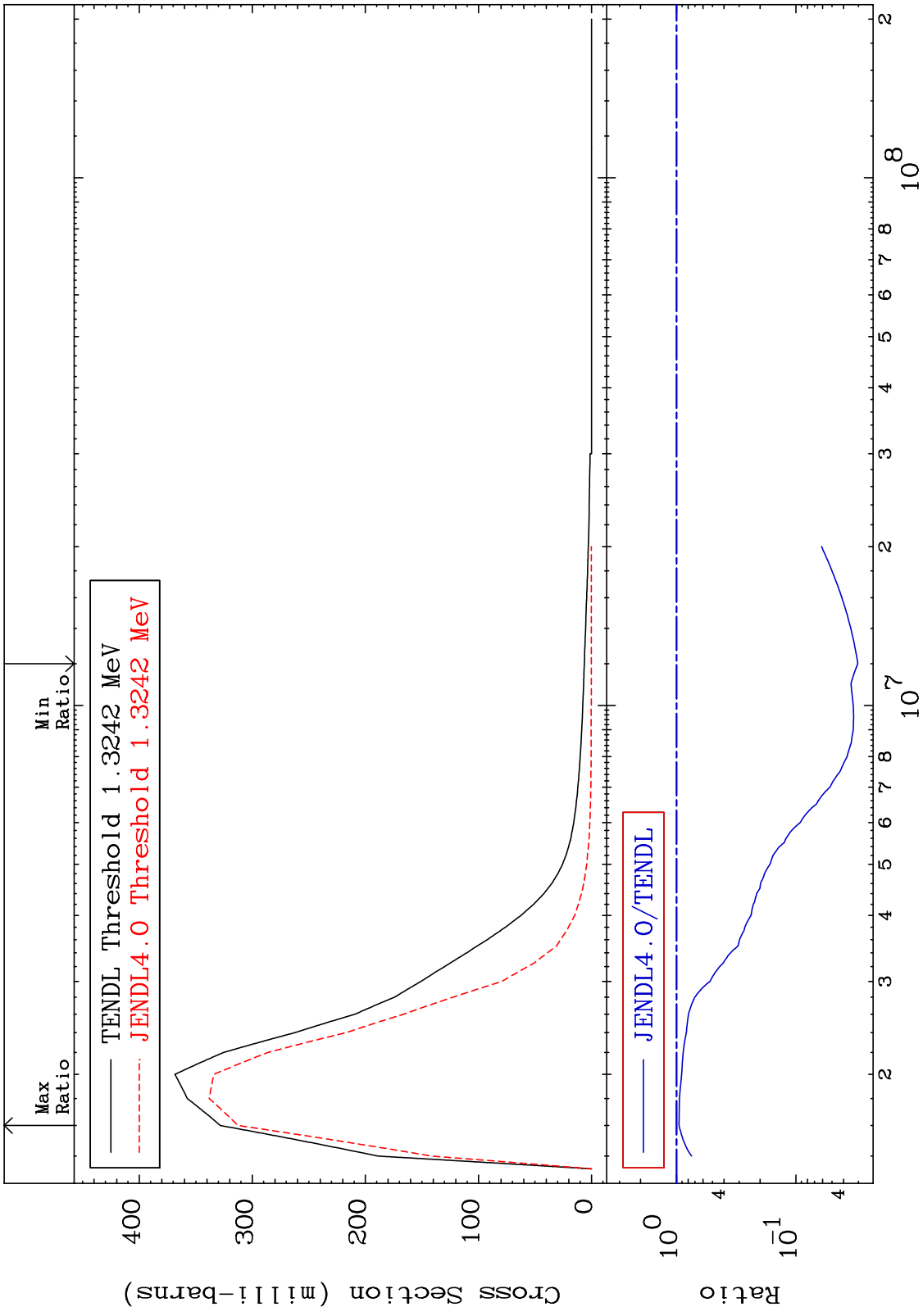
Incident Energy (eV)

48-Cd-112

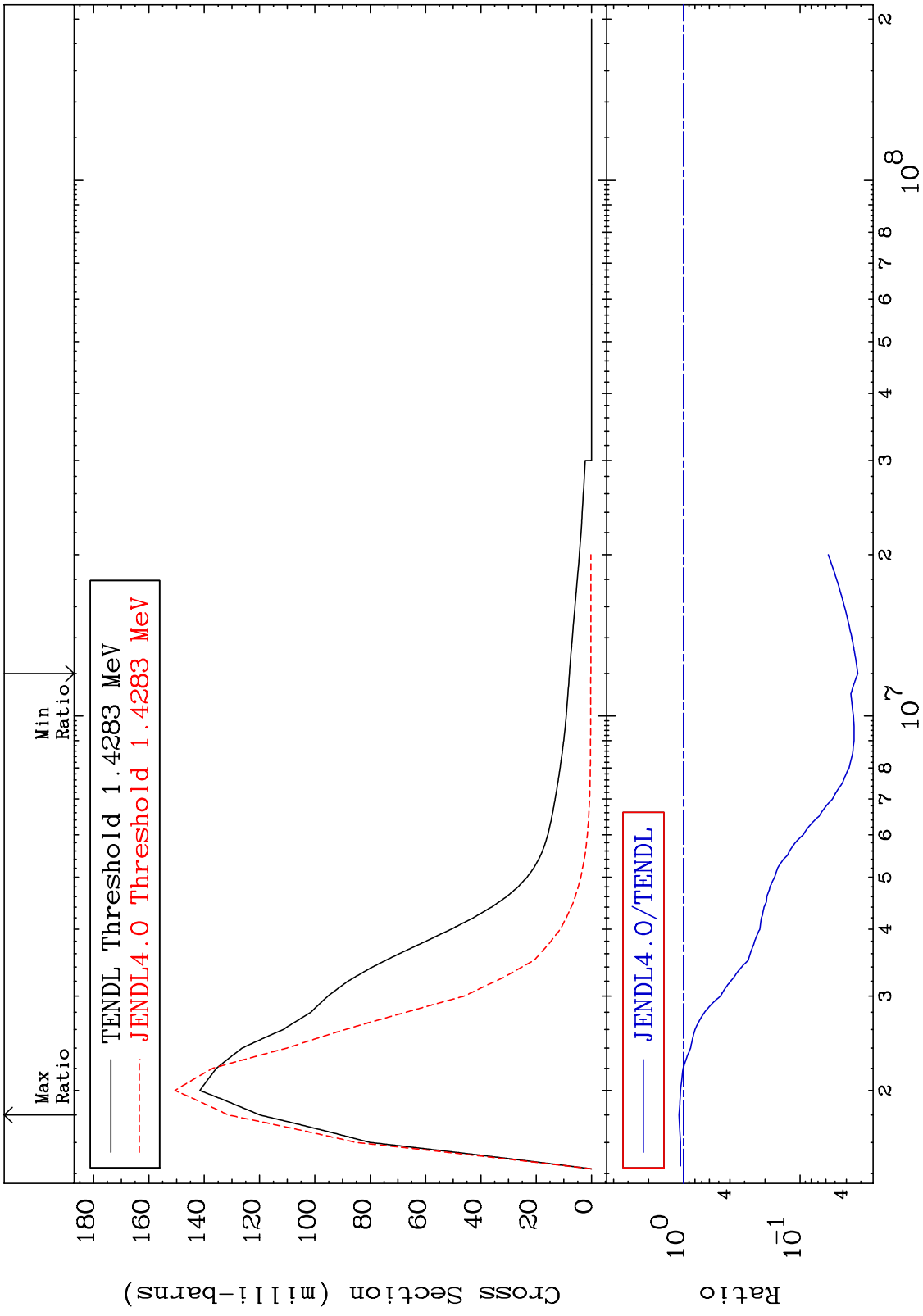
MAT 4843 MT= 52 (n,n') Level Cross Section 48-Cd-112 -98.98 To -4.018%



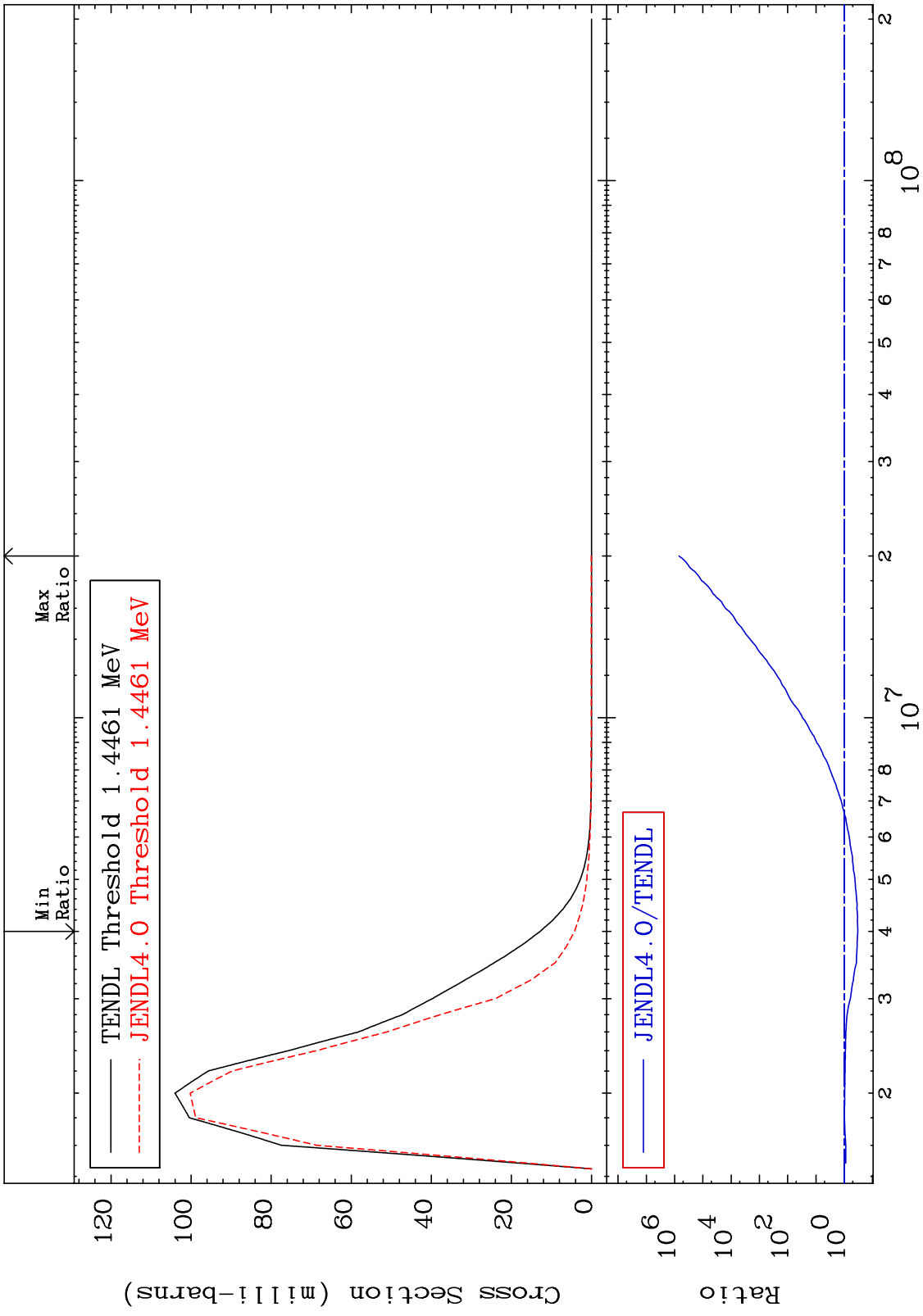
MAT 4843 MT= 53 (n,n') Level Cross Section 48-Cd-112 -96.96 To -4.790%



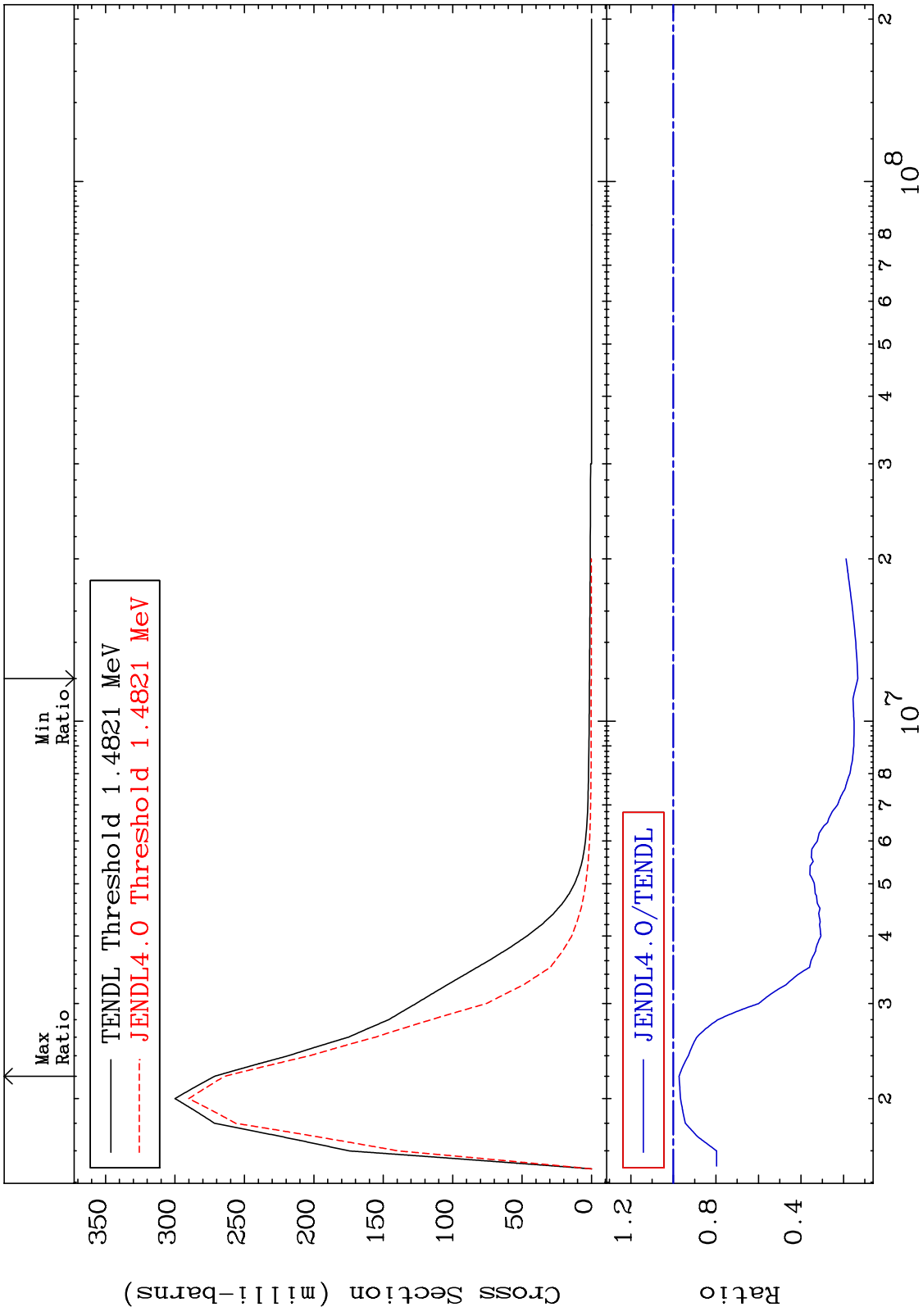
MAT 4843 MT= 54 (n,n') Level Cross Section 48-Cd-112 -96.81 To 9.521 %



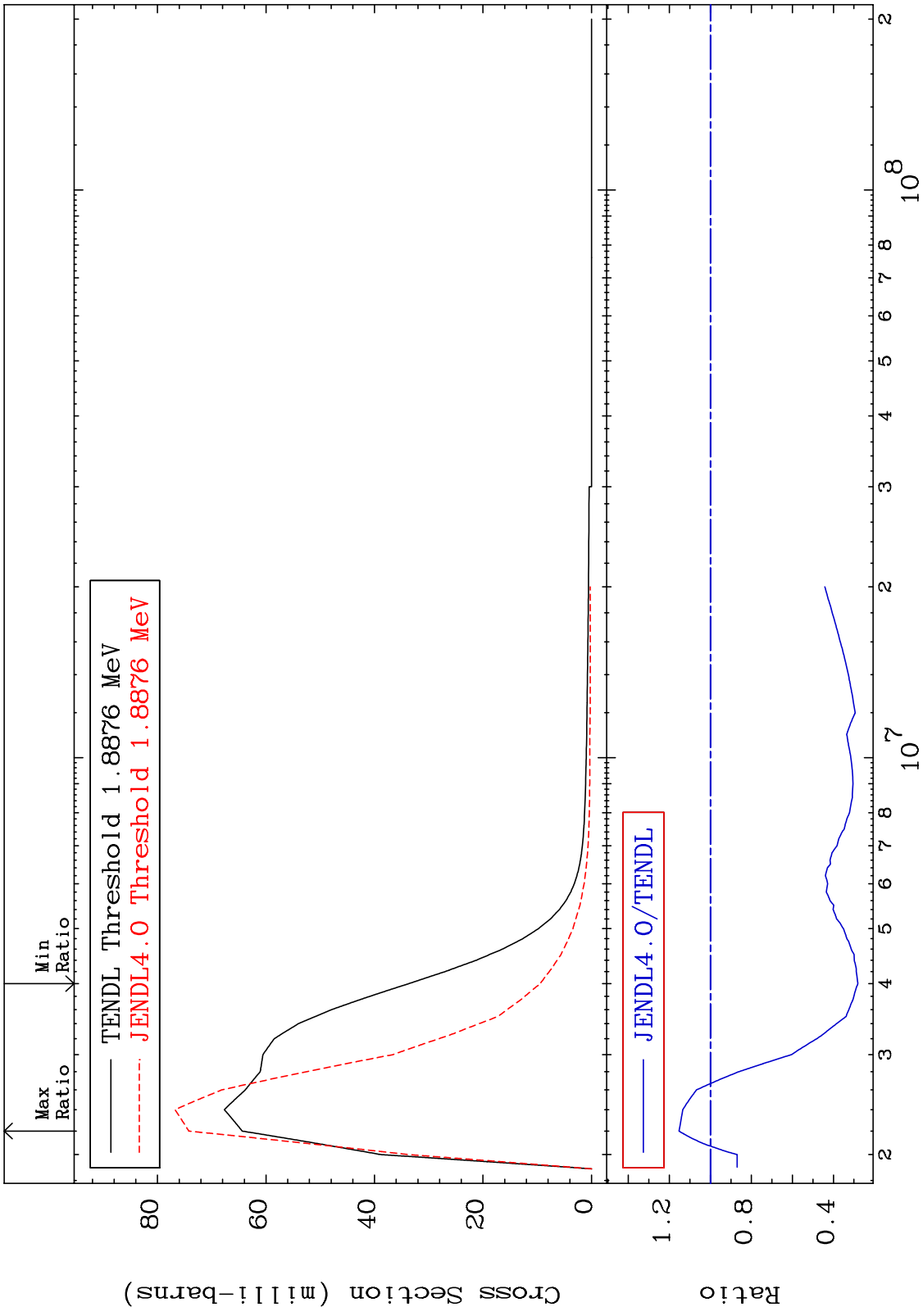
MAT 4843 MT= 55 (n,n') Level Cross Section 48-Cd-112  
 -66.95 To 9999. %



MAT 4843 MT= 56 (n,n') Level Cross Section 48-Cd-112  
 -86.71 To -2.673%

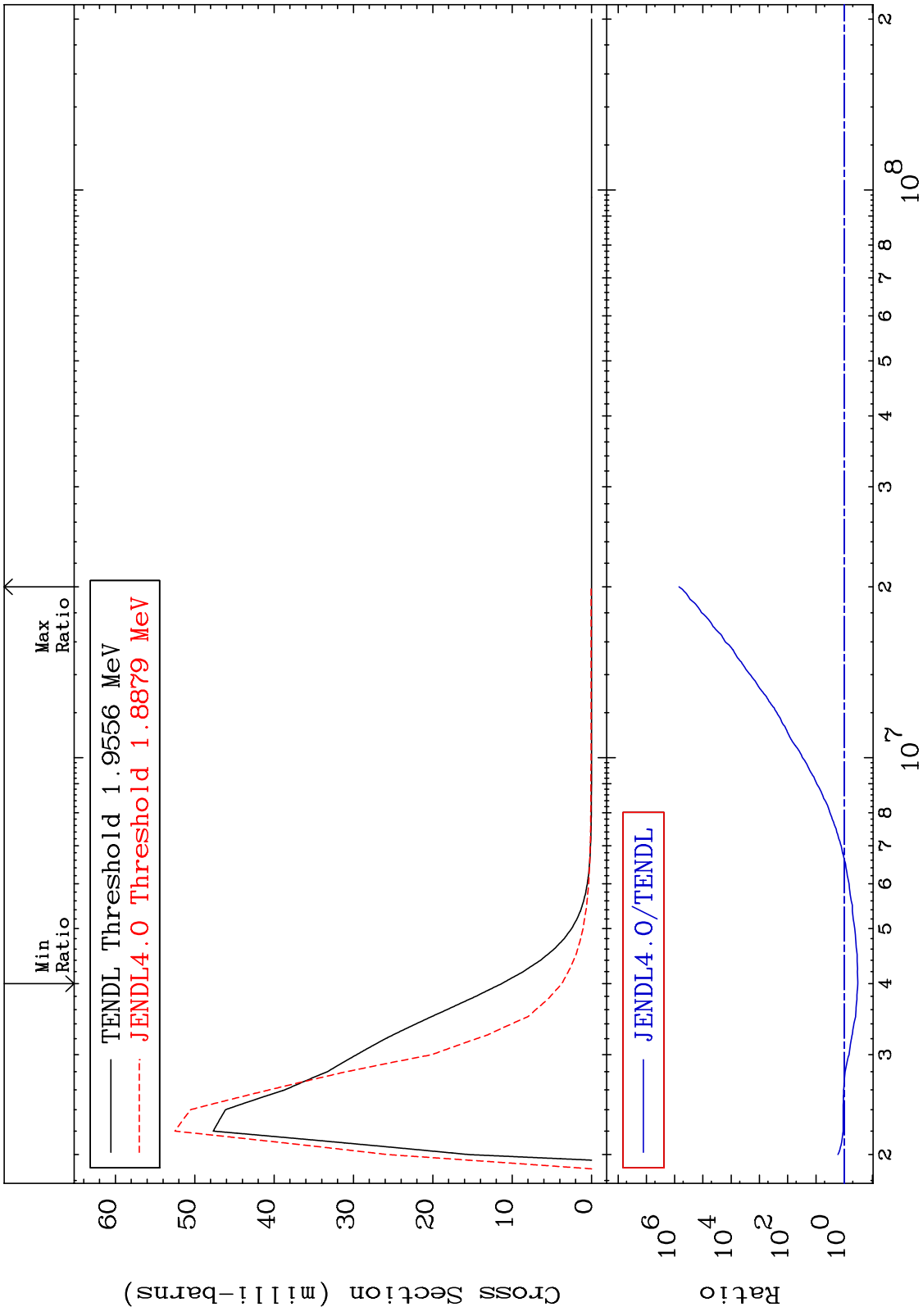


MAT 4843 MT= 57 (n,n') Level Cross Section 48-Cd-112 -71.90 To 15.29 %

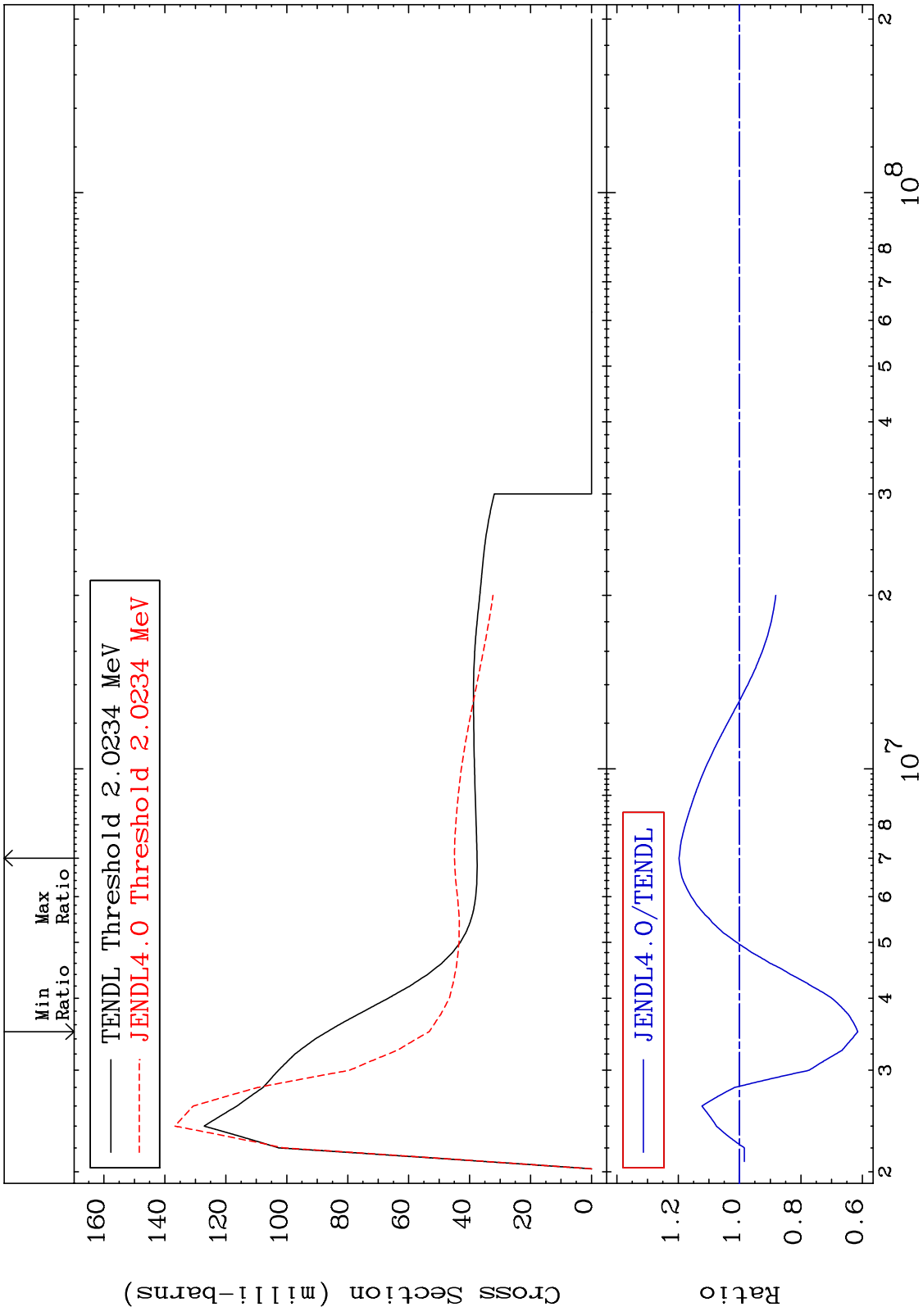




MAT 4843 MT= 58 (n,n') Level Cross Section 48-Cd-112  
 -66.99 To 9999. %



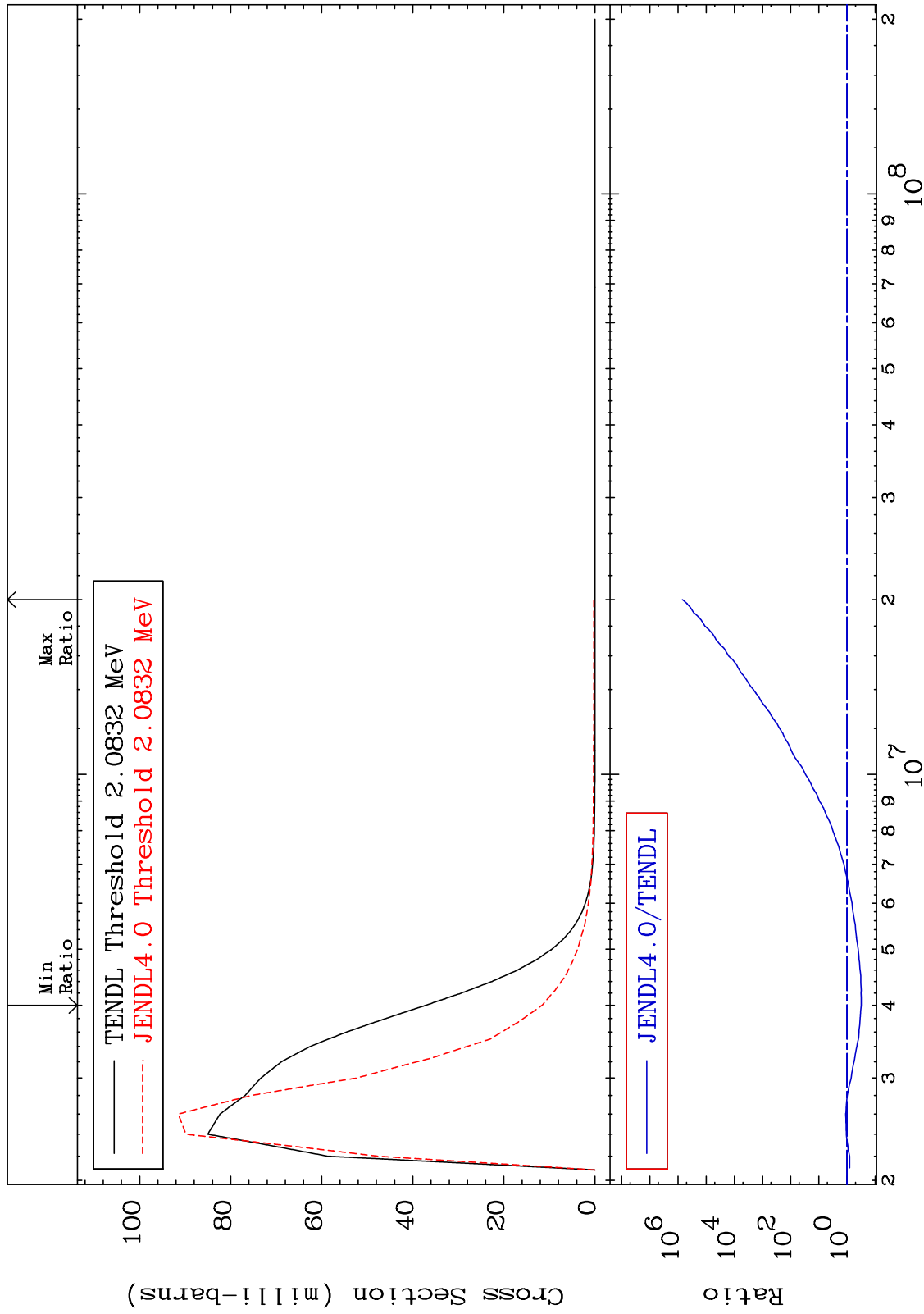
MAT 4843 MT= 59 (n,n') Level Cross Section 48-Cd-112 -38.55 To 19.74 %



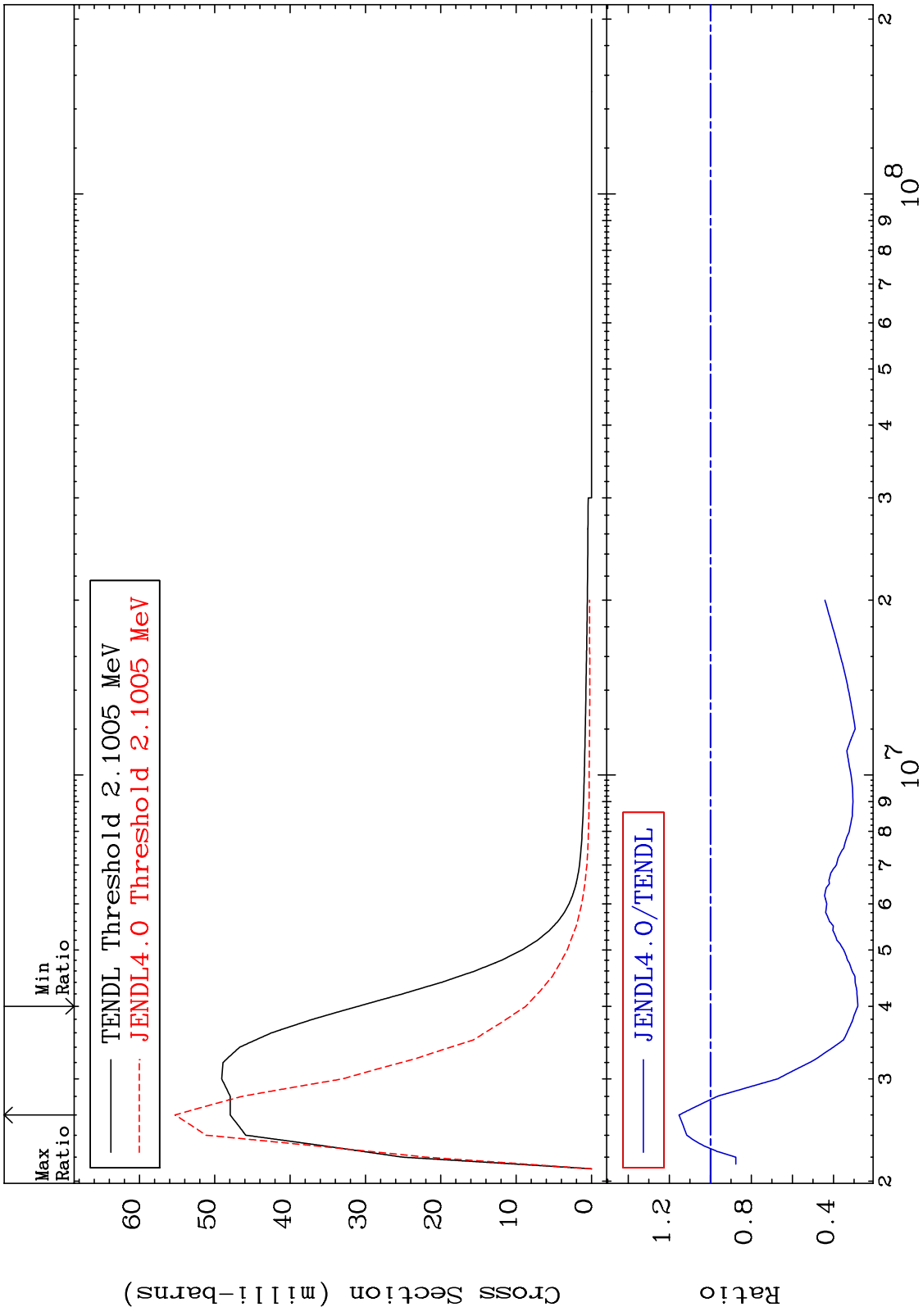
MAT 4843

MT= 60 (n,n') Level  
Cross Section

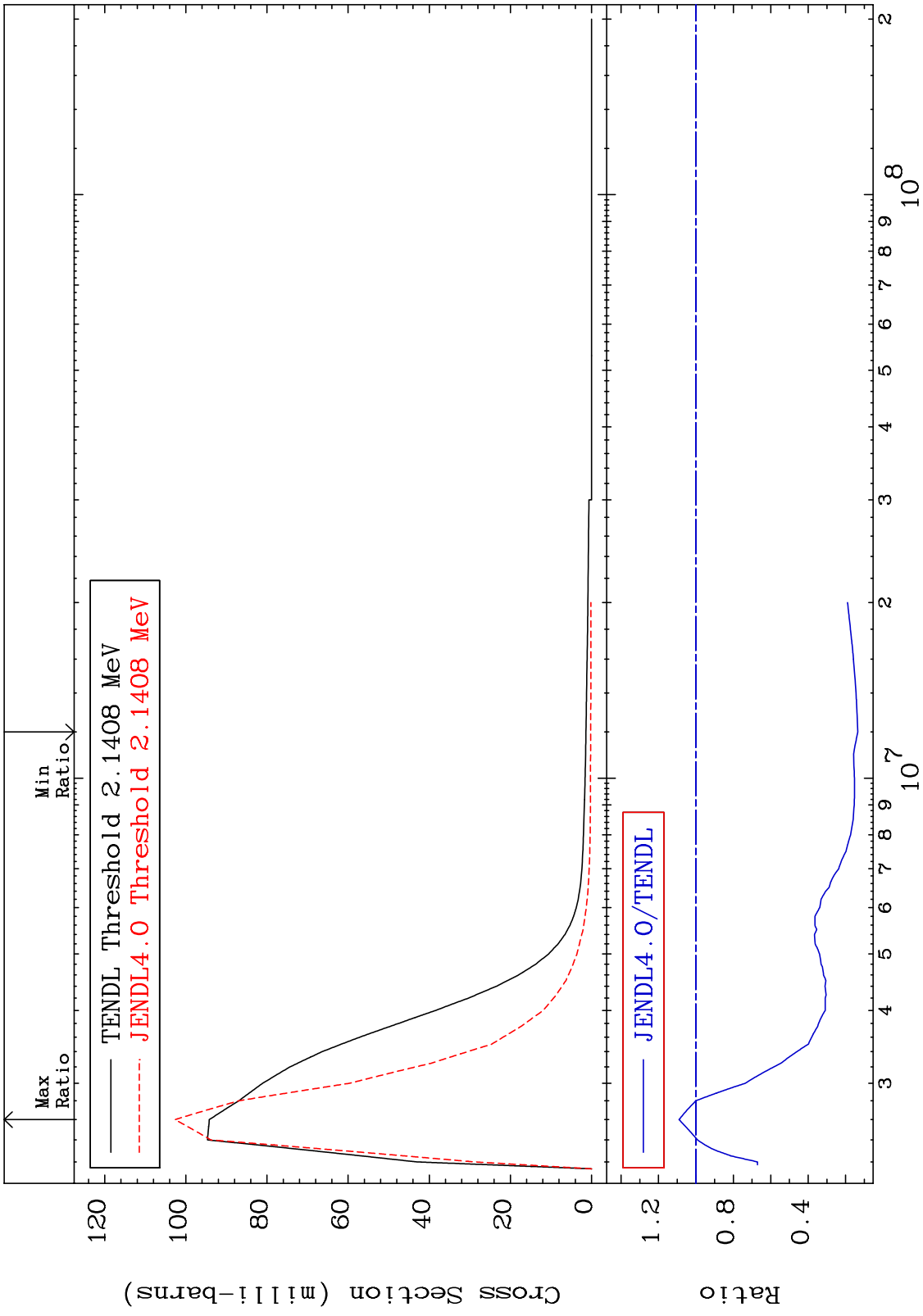
48-Cd-112  
-68.80 To 9999. %



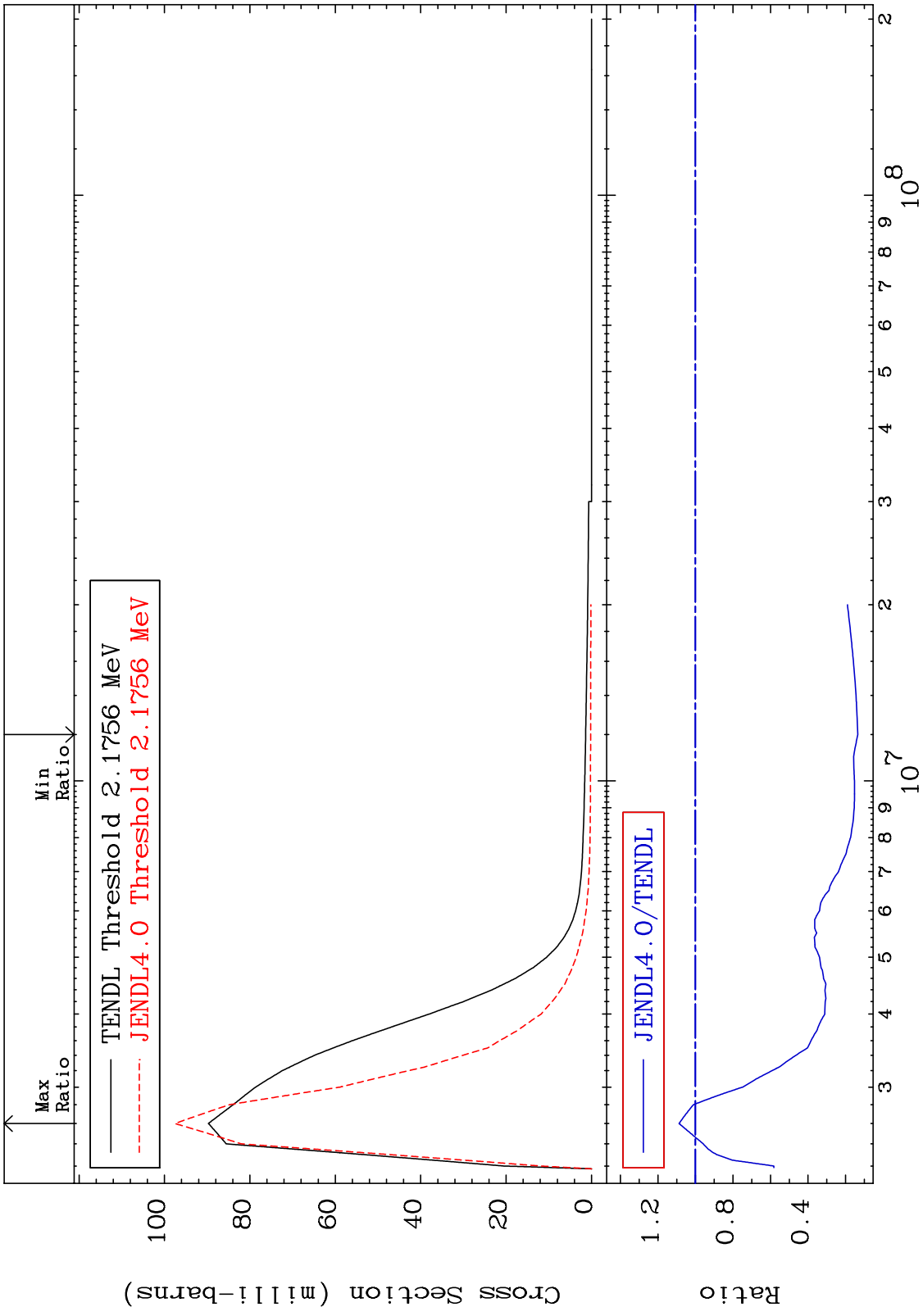
MAT 4843 MT= 61 (n,n') Level Cross Section 48-Cd-112 -71.84 To 15.27 %



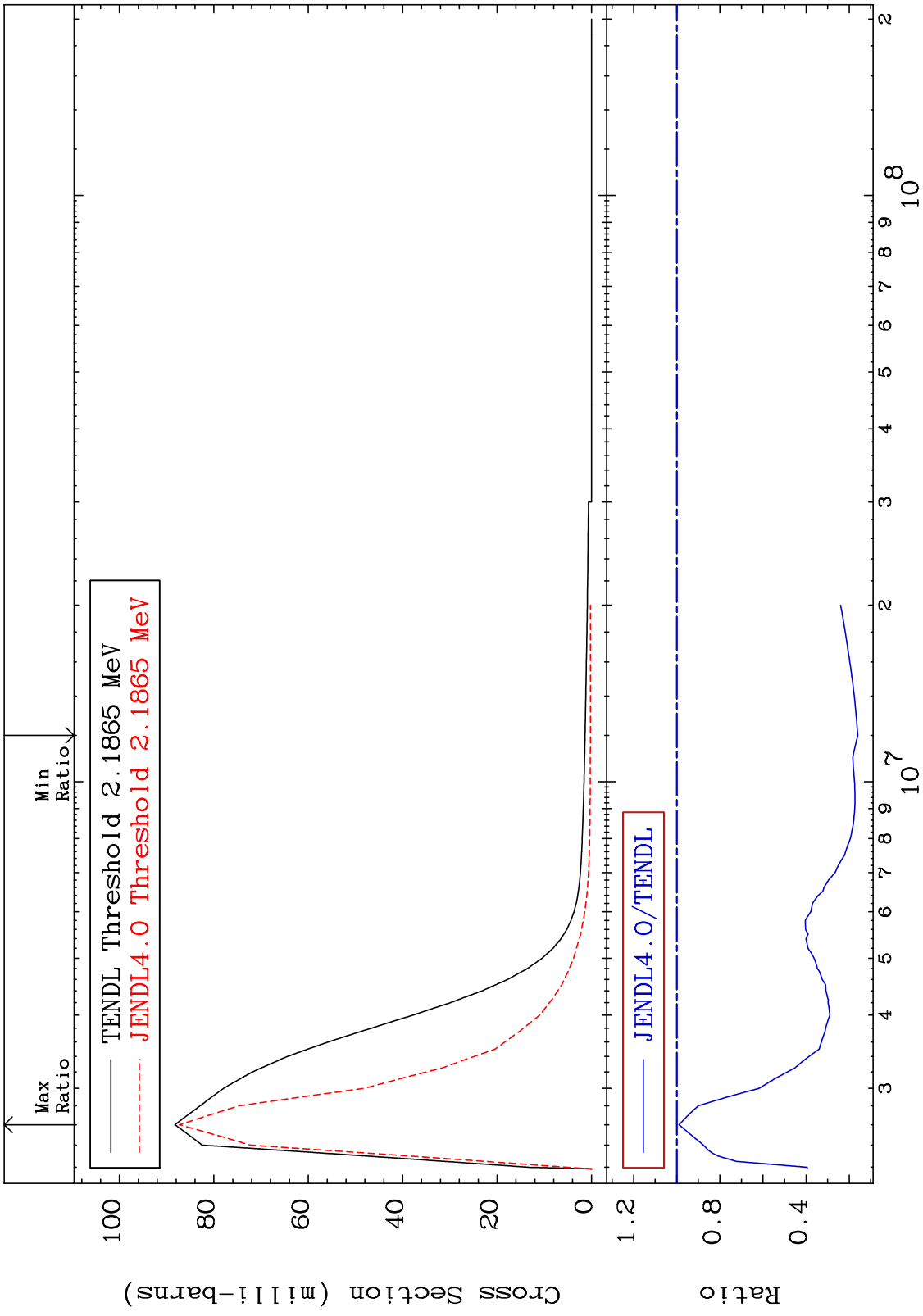
MAT 4843 MT= 62 (n,n') Level Cross Section 48-Cd-112  
 -86.54 To 9.001 %



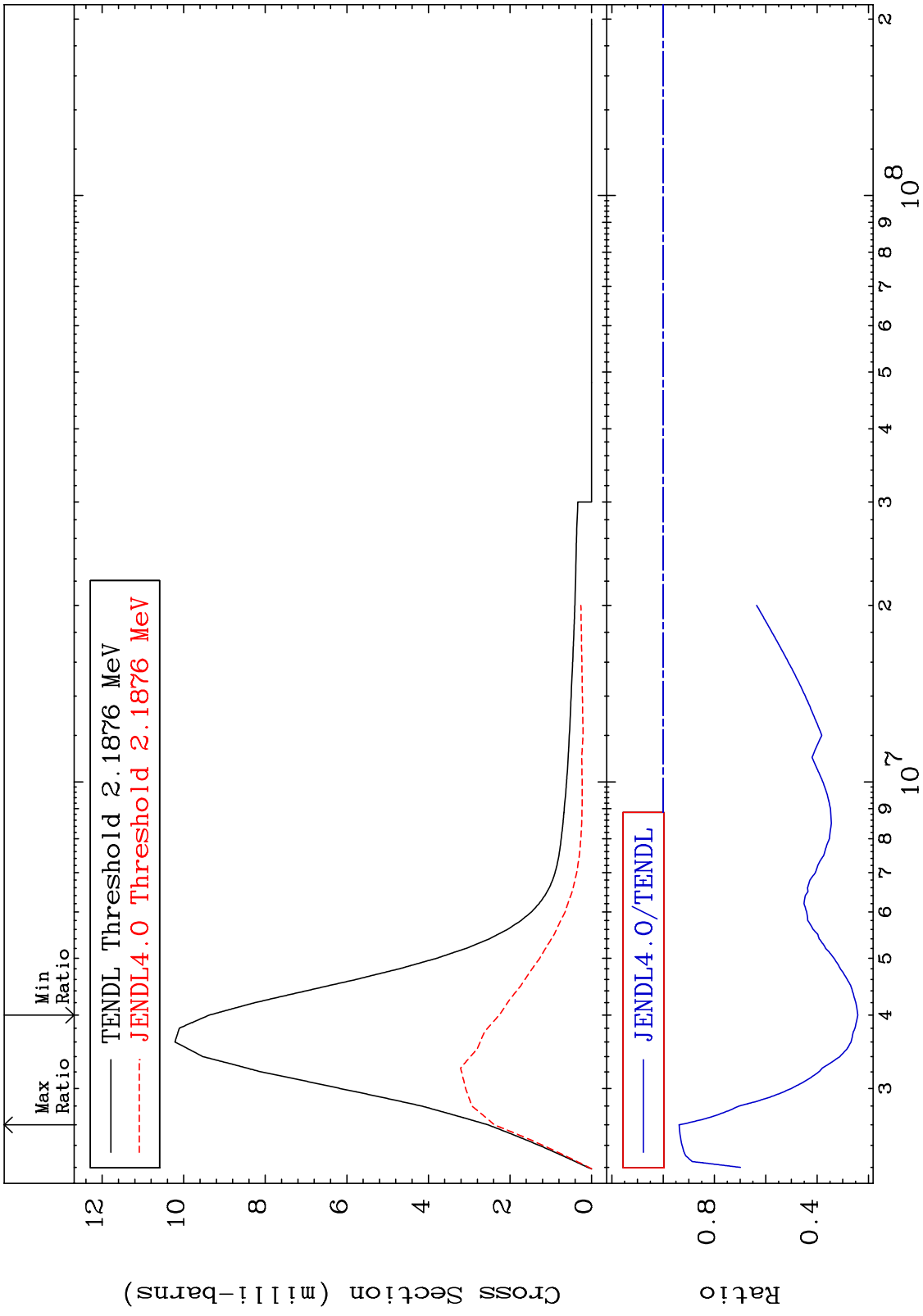
MAT 4843 MT= 63 (n,n') Level Cross Section 48-Cd-112  
 -86.53 To 8.742 %



MAT 4843 MT= 64 (n,n') Level Cross Section 48-Cd-112 -83.99 To -1.069%

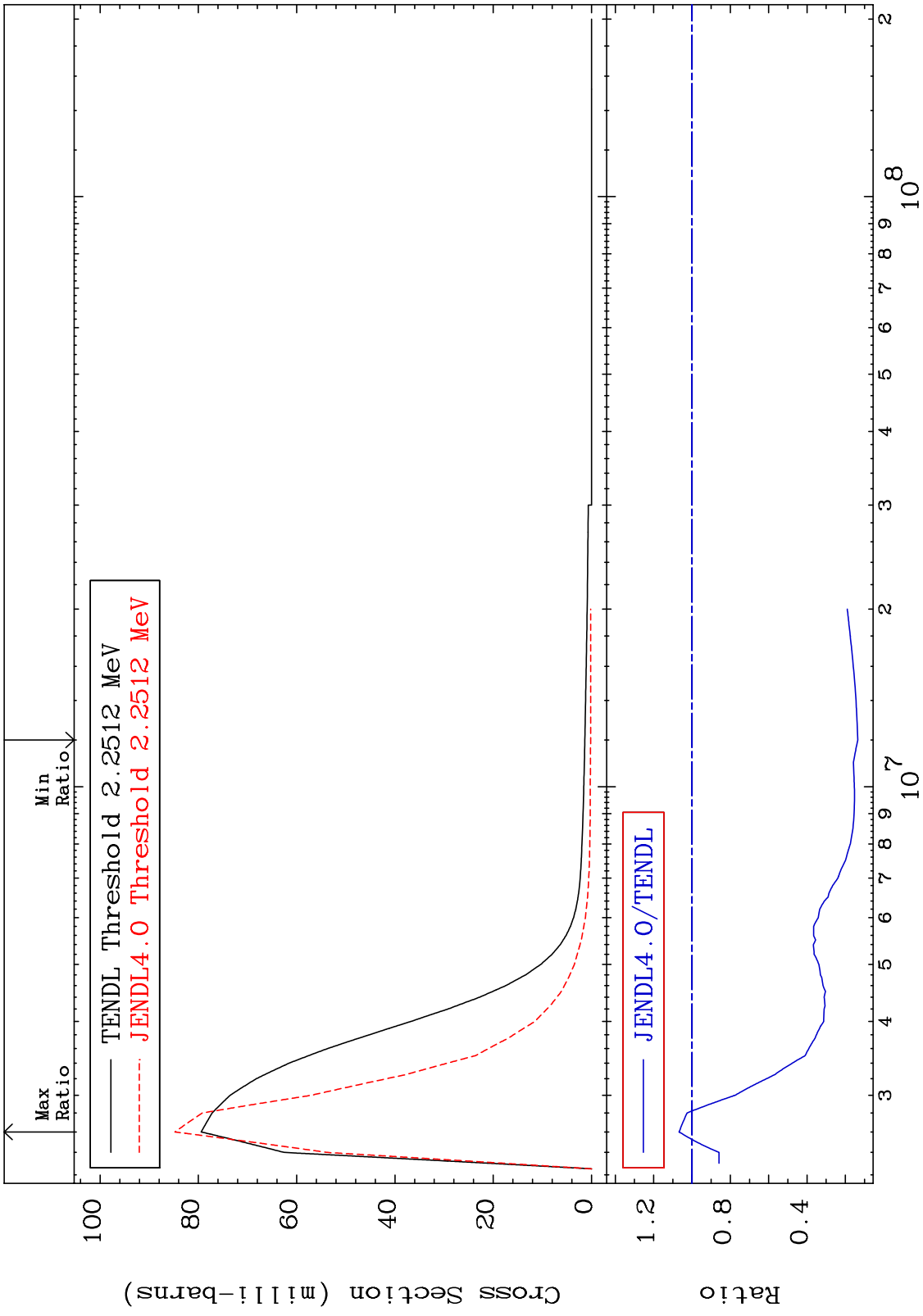


MAT 4843 MT= 65 (n,n') Level Cross Section 48-Cd-112 -75.88 To -6.201%

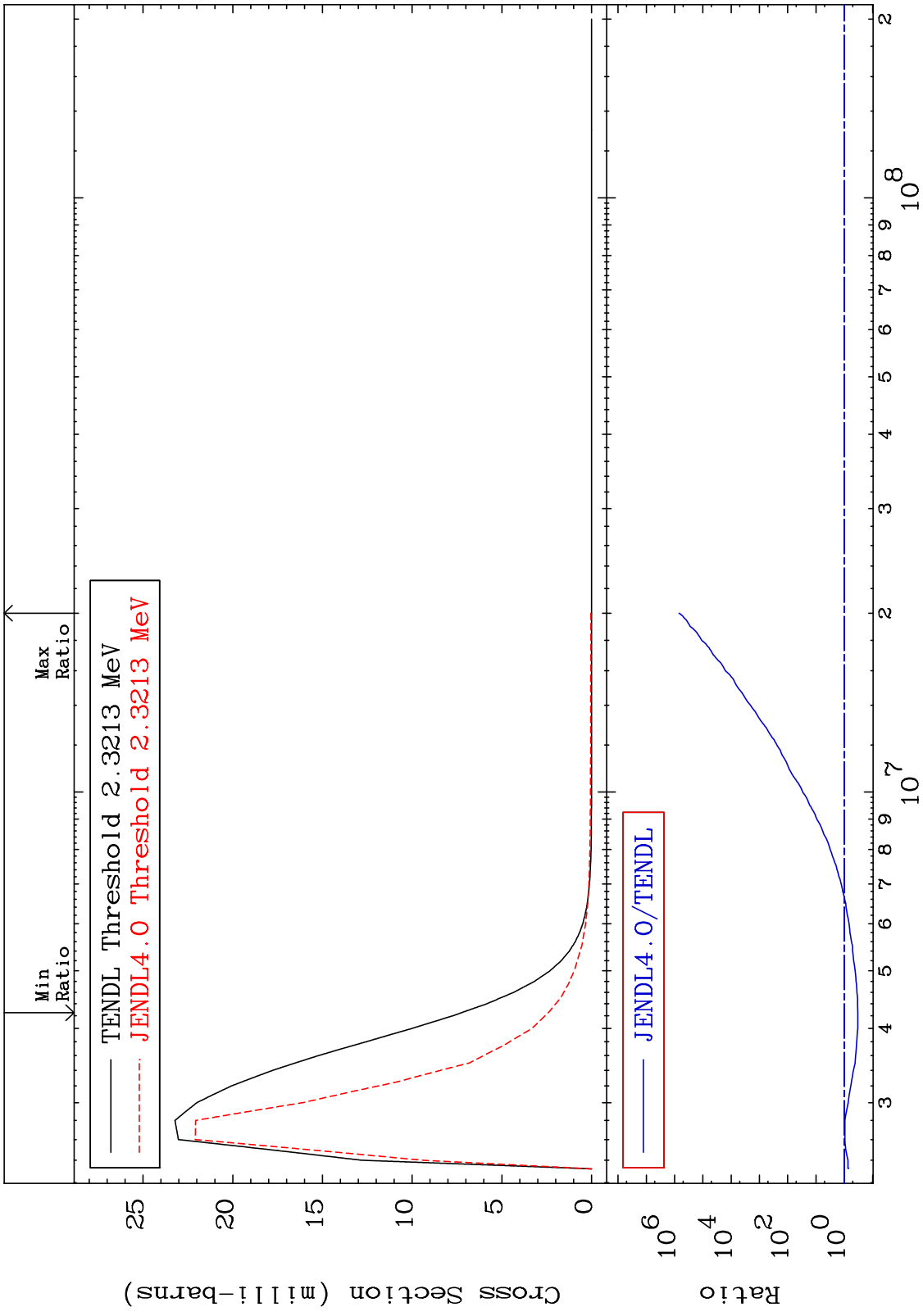




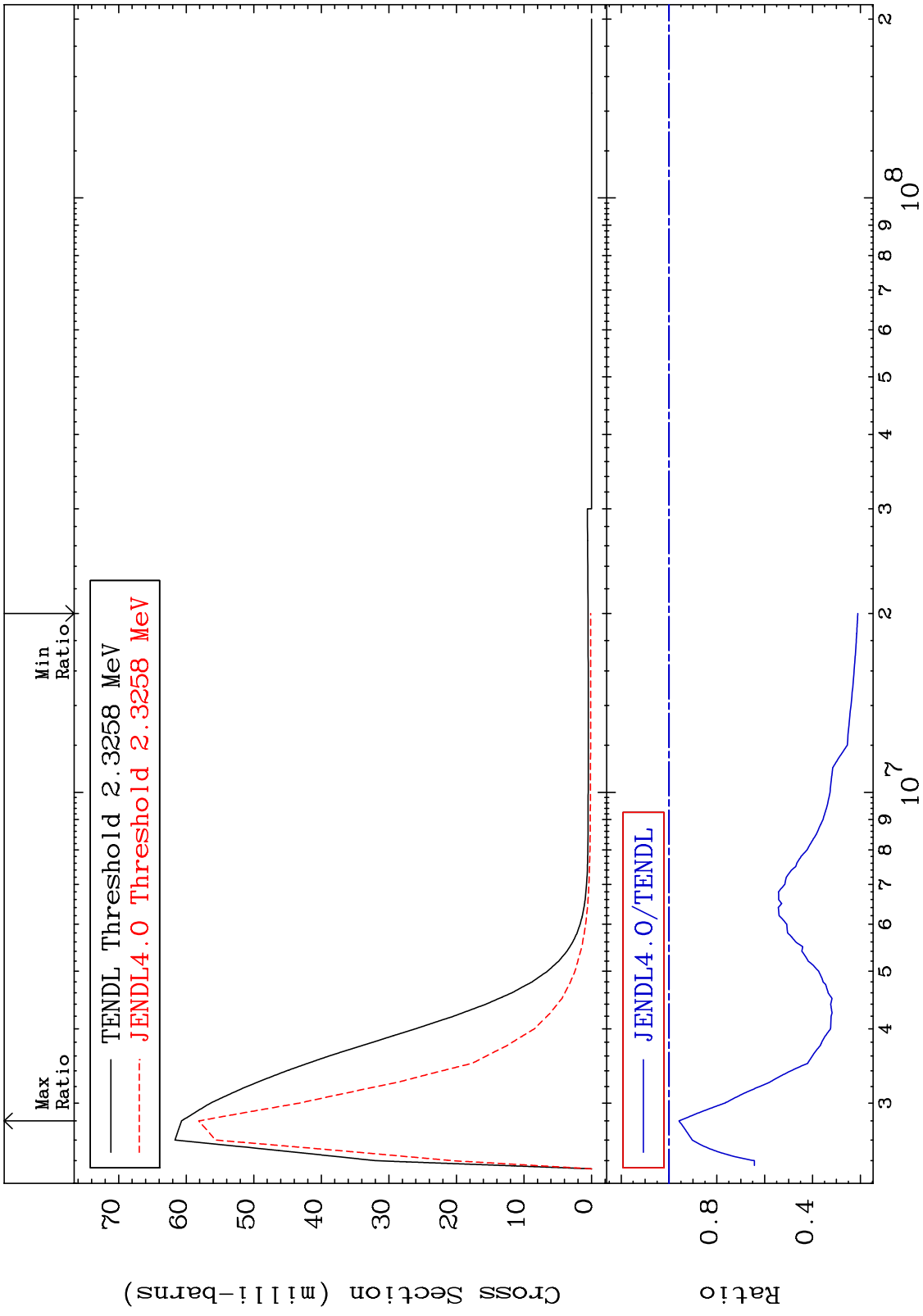
MAT 4843 MT= 66 (n,n') Level Cross Section 48-Cd-112 -86.50 To 6.737 %



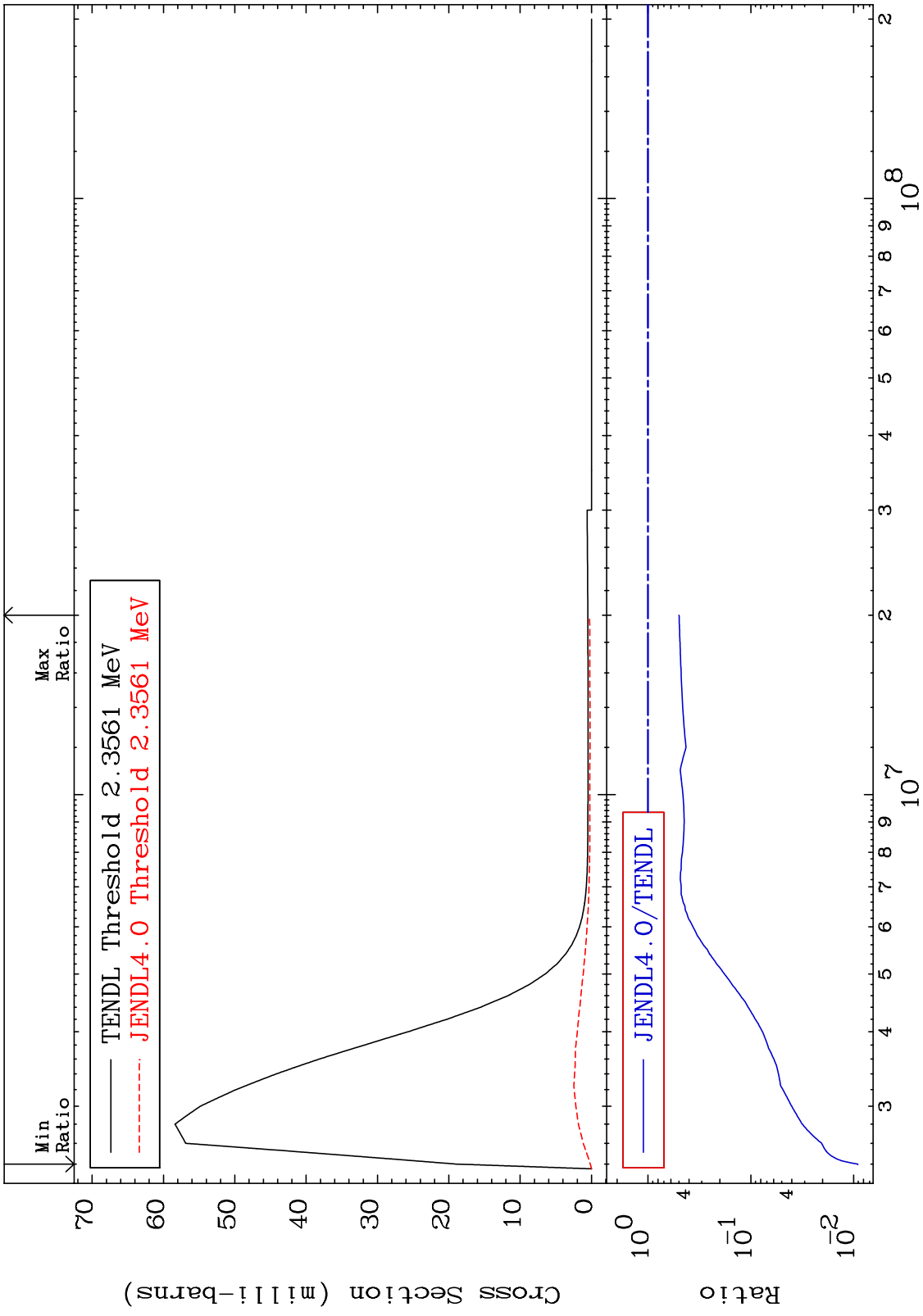
MAT 4843 MT= 67 (n,n') Level Cross Section 48-Cd-112  
 -66.83 To 9999. %



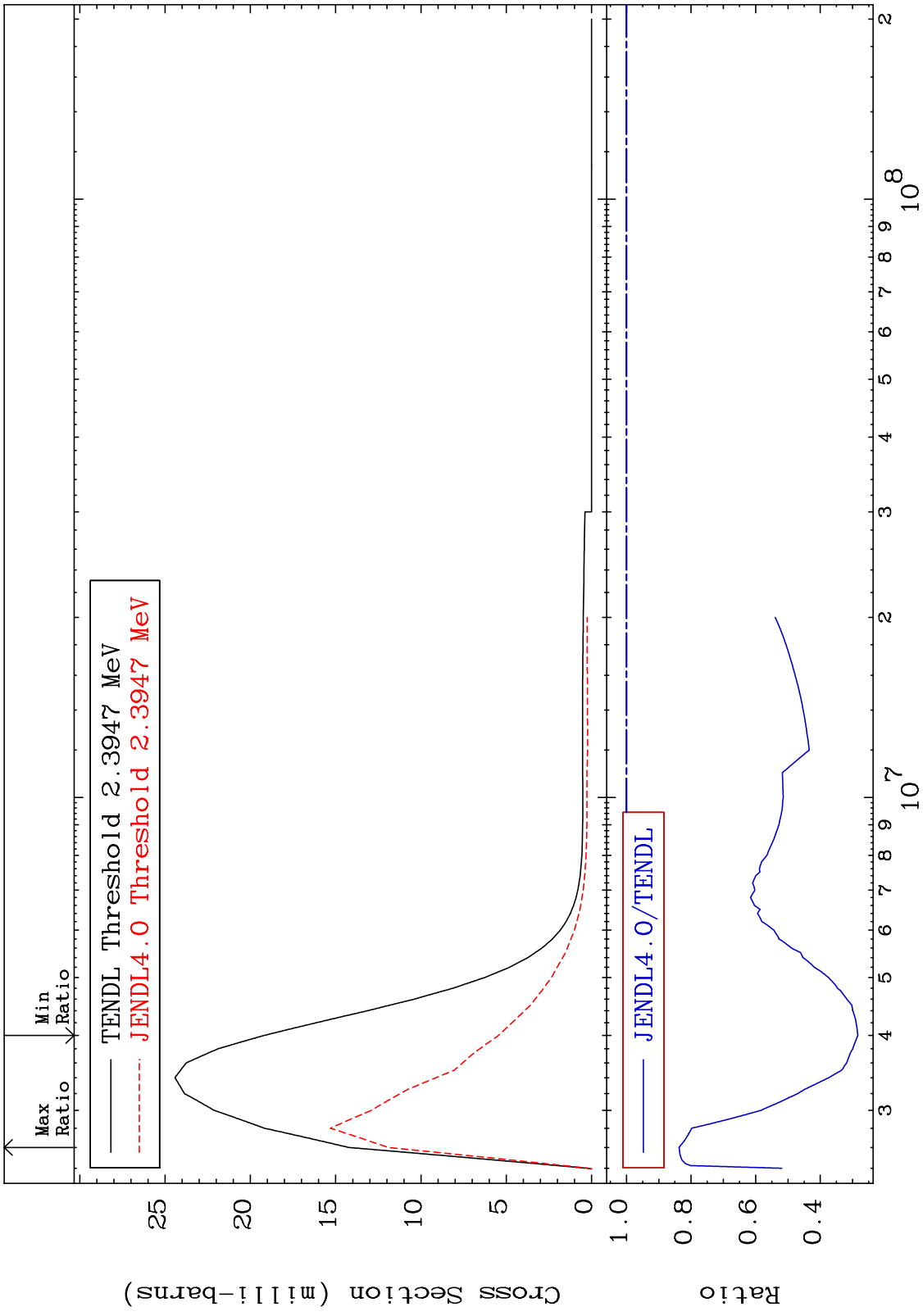
MAT 4843 MT= 68 (n,n') Level Cross Section 48-Cd-112  
 -78.94 To -4.193%



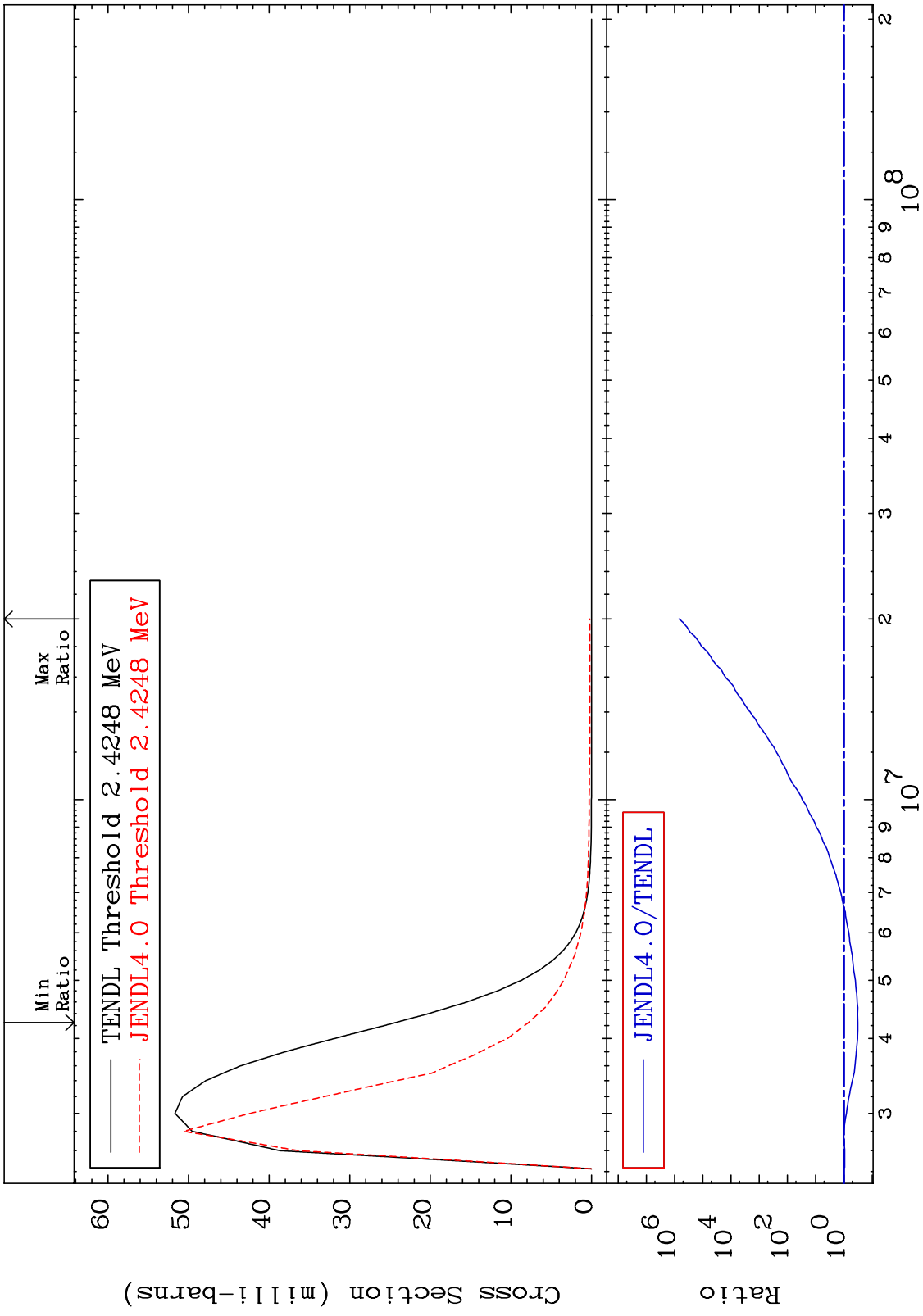
MAT 4843 MT= 69 (n,n') Level Cross Section 48-Cd-112 -99.09 To -50.08%



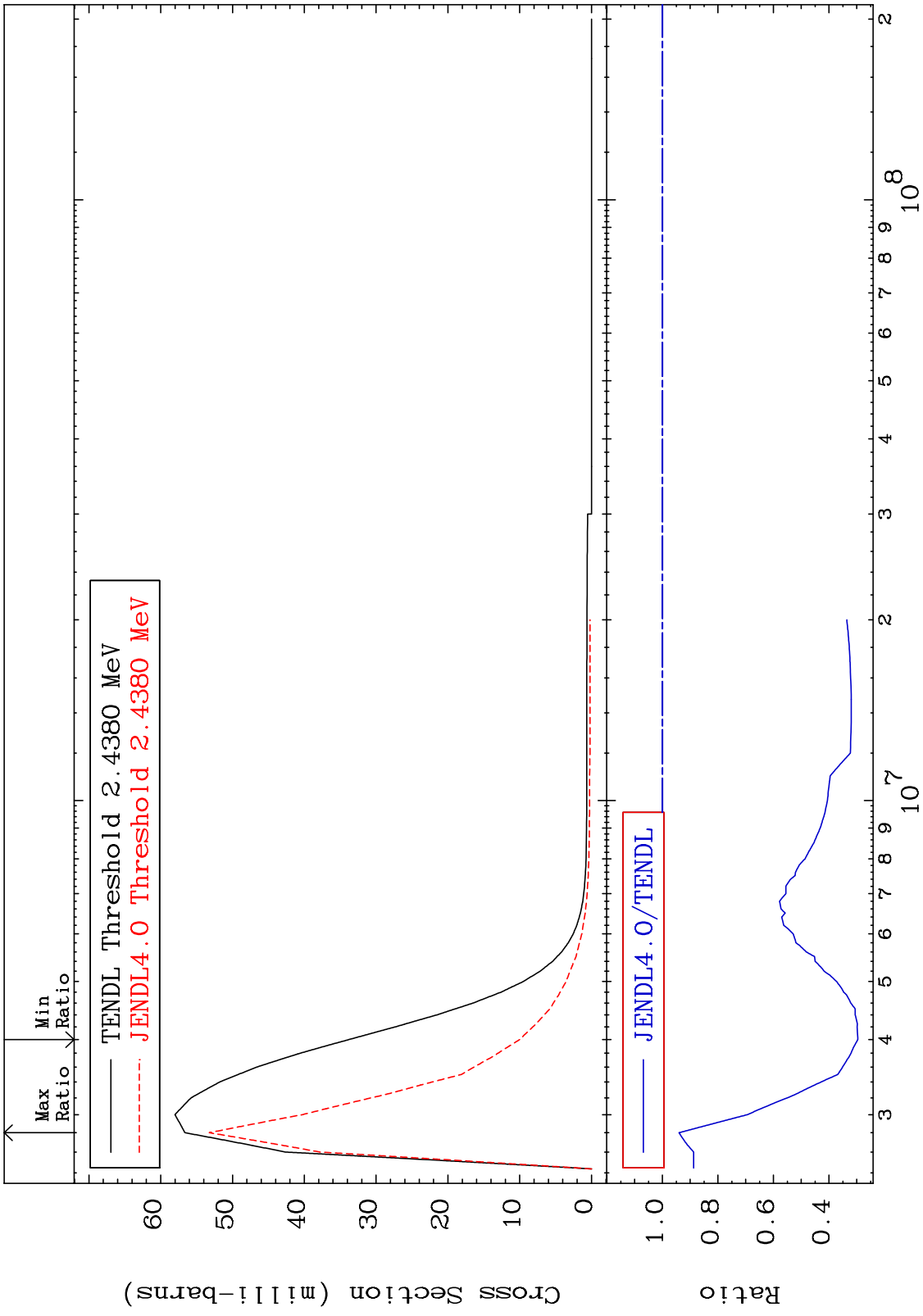
MAT 4843      MT= 70 (n,n') Level      48-Cd-112  
 Cross Section      -71.63 To -16.28%



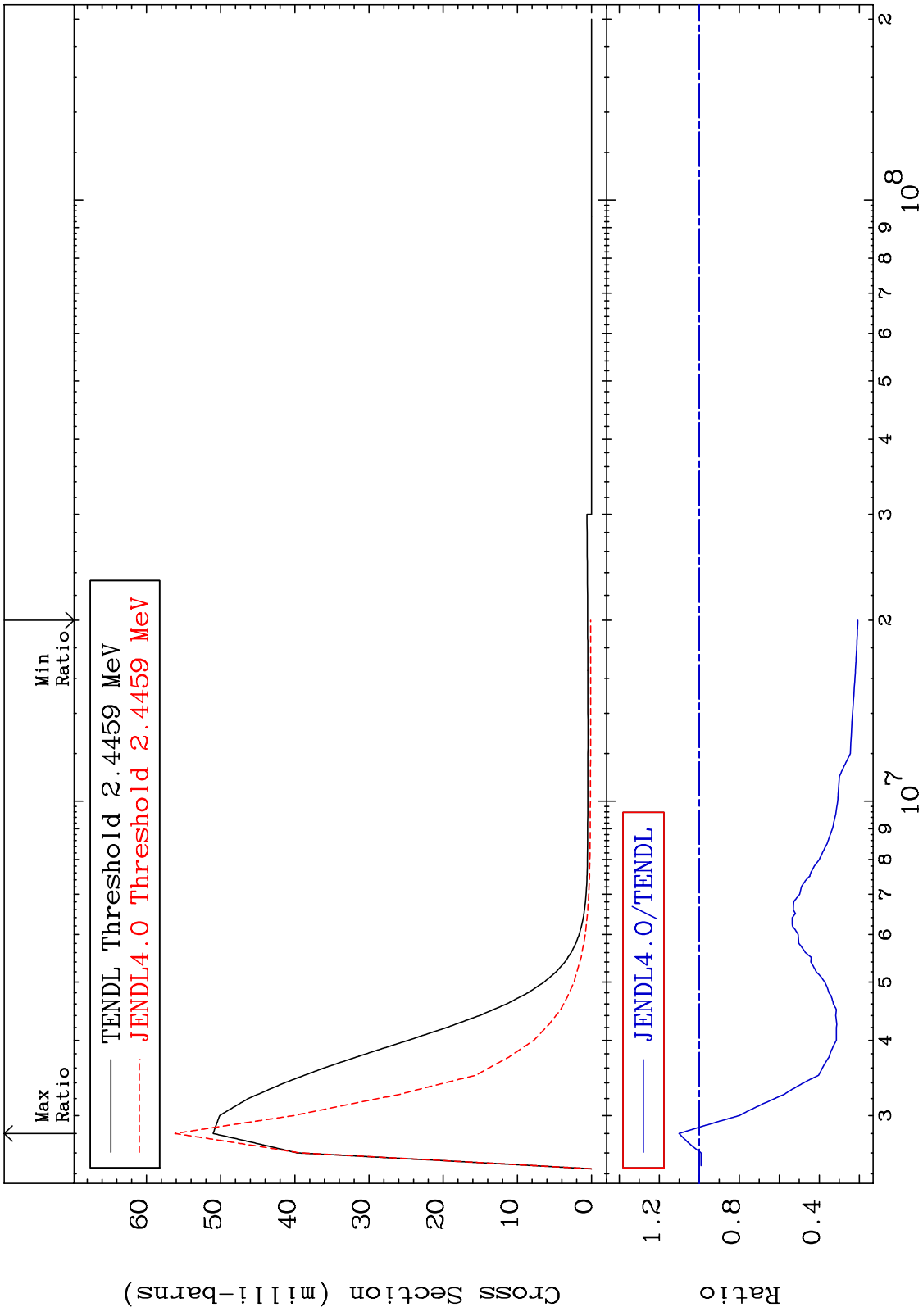
MAT 4843 MT= 71 (n,n') Level Cross Section 48-Cd-112  
 -67.90 To 9999. %



MAT 4843 MT= 72 (n,n') Level Cross Section 48-Cd-112  
 -70.37 To -5.978%

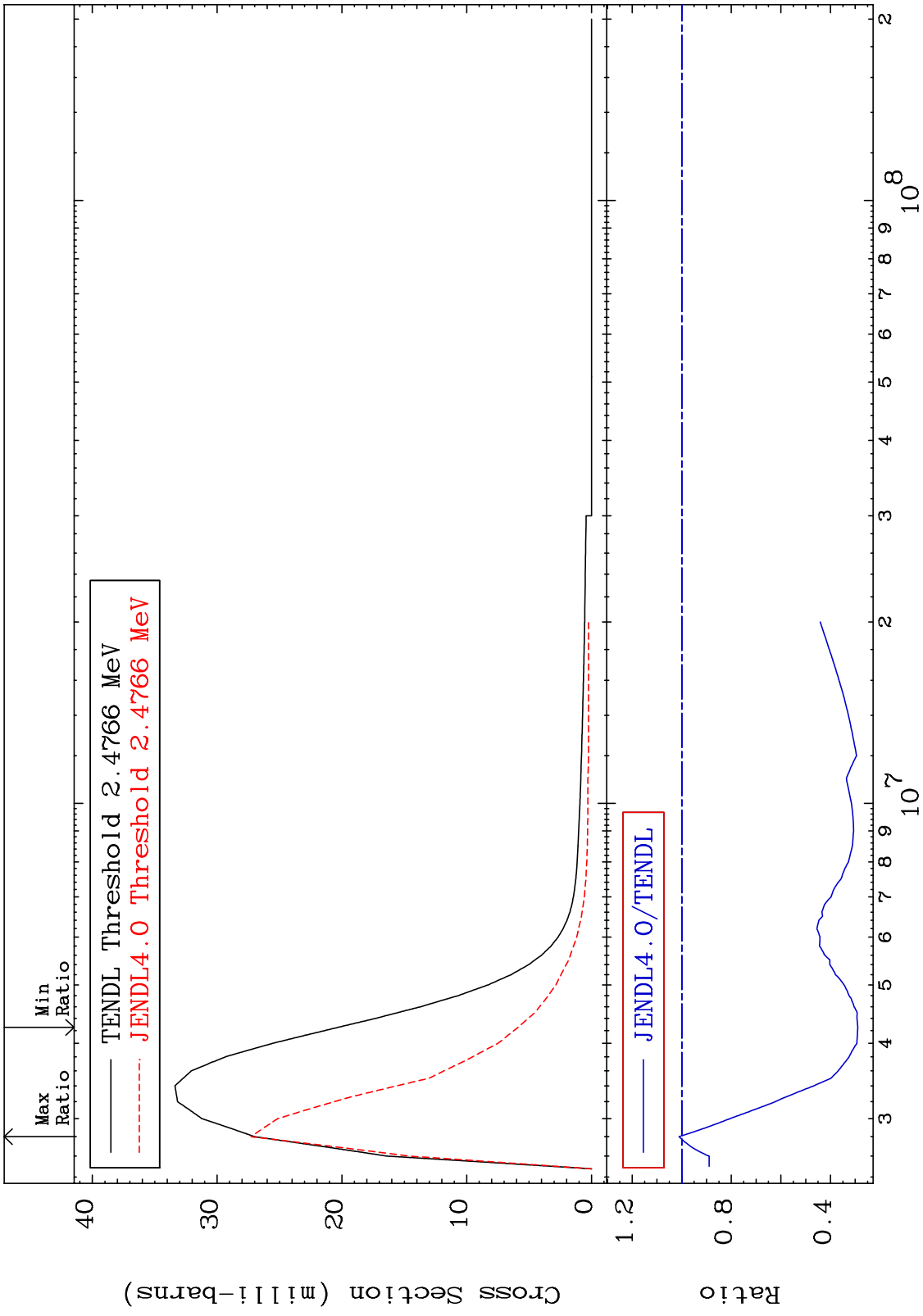


MAT 4843 MT= 73 (n,n') Level Cross Section 48-Cd-112 -79.30 To 10.09 %



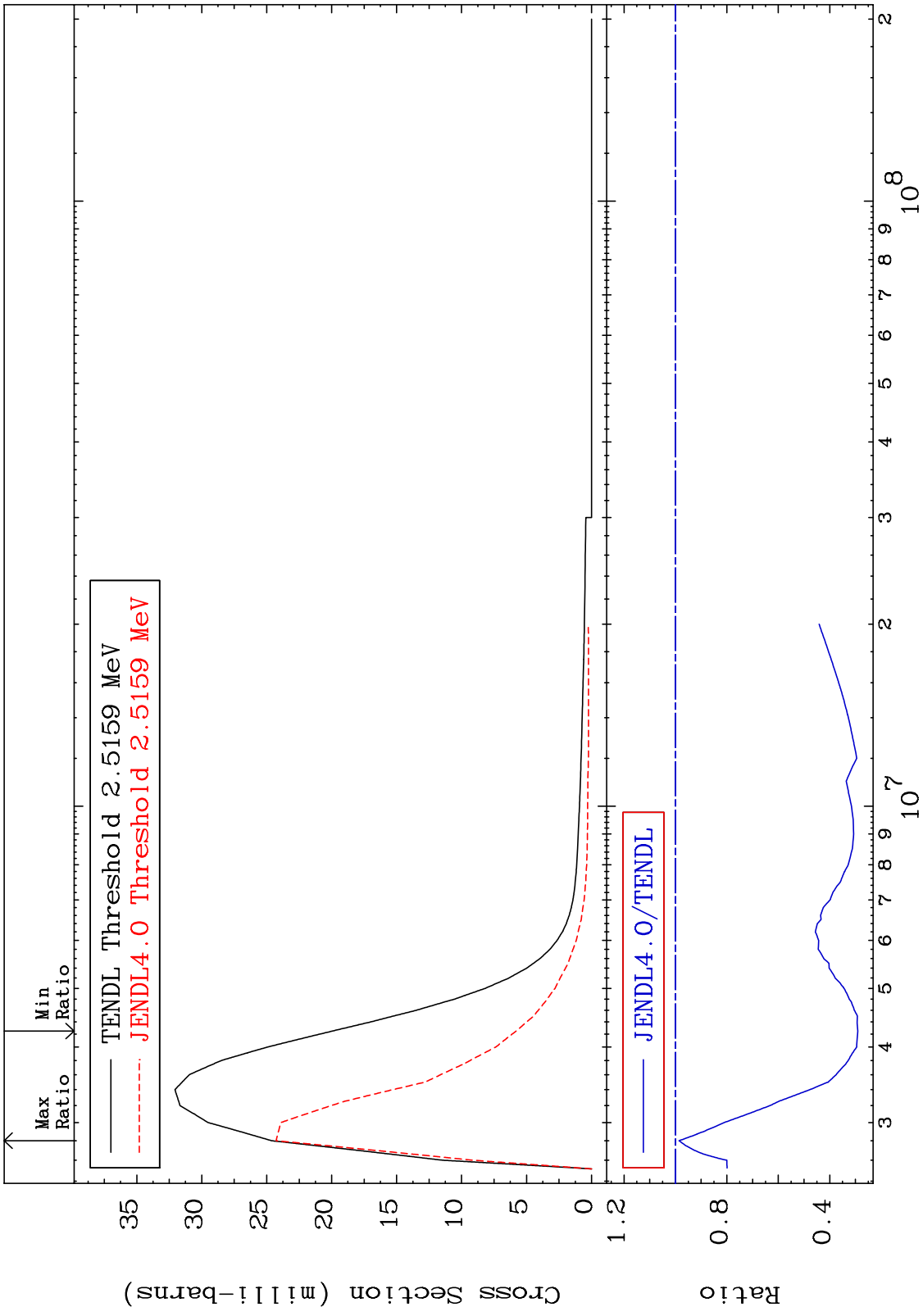


MAT 4843 MT= 74 (n,n') Level Cross Section 48-Cd-112  
 -71.05 To 1.089 %

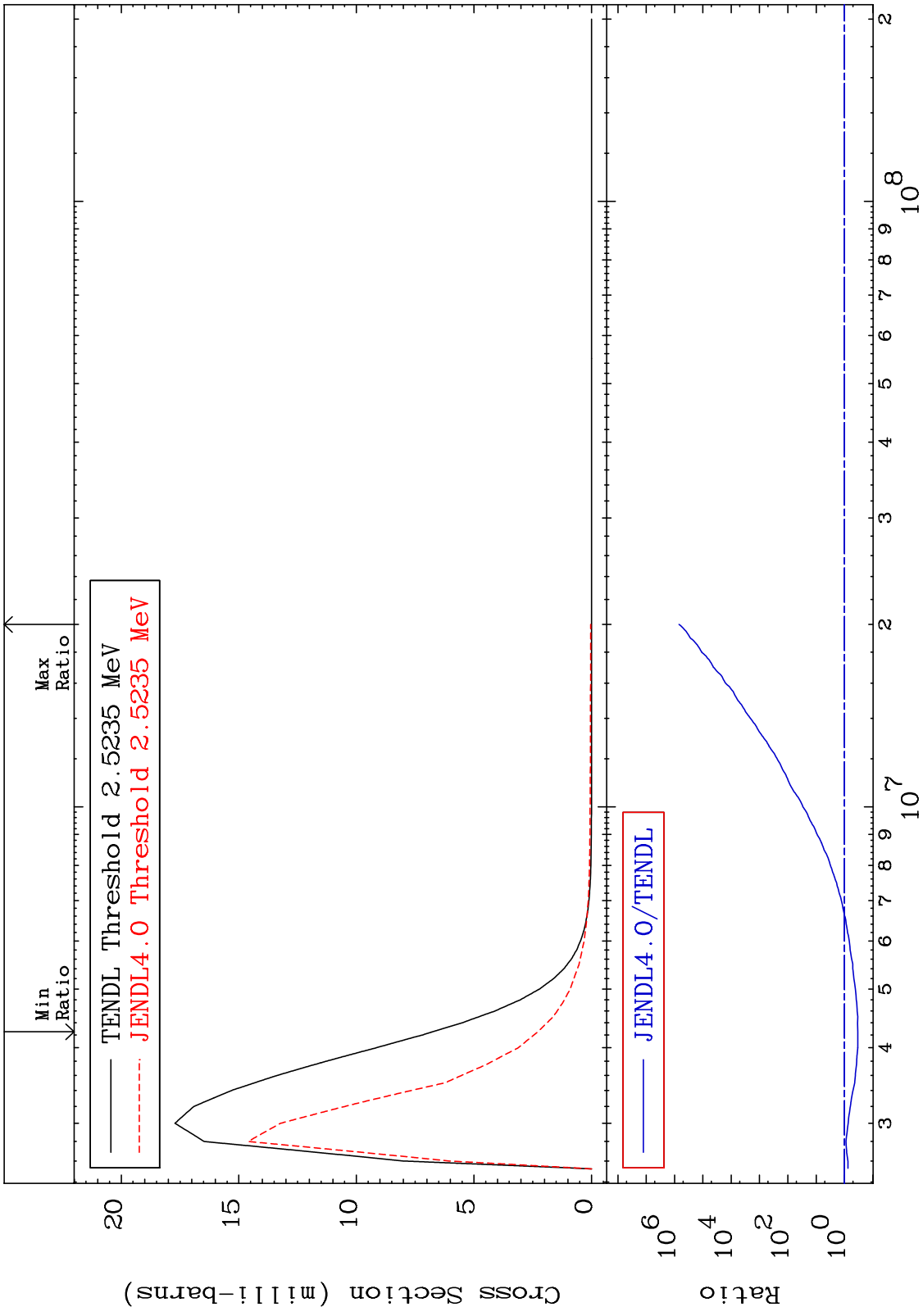


32 48-Cd-112

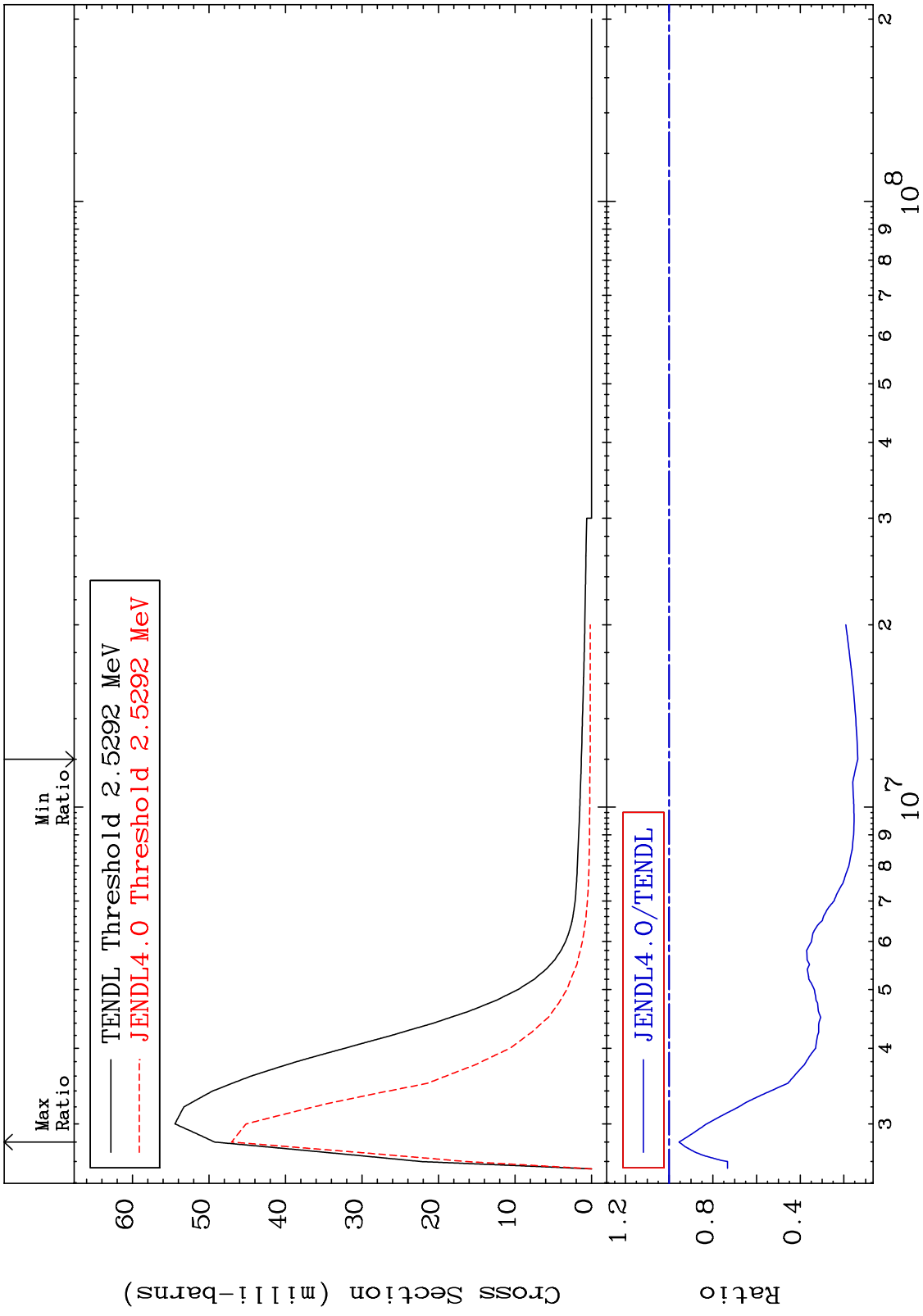
MAT 4843 MT= 75 (n,n') Level Cross Section 48-Cd-112  
 -70.93 To -1.402%



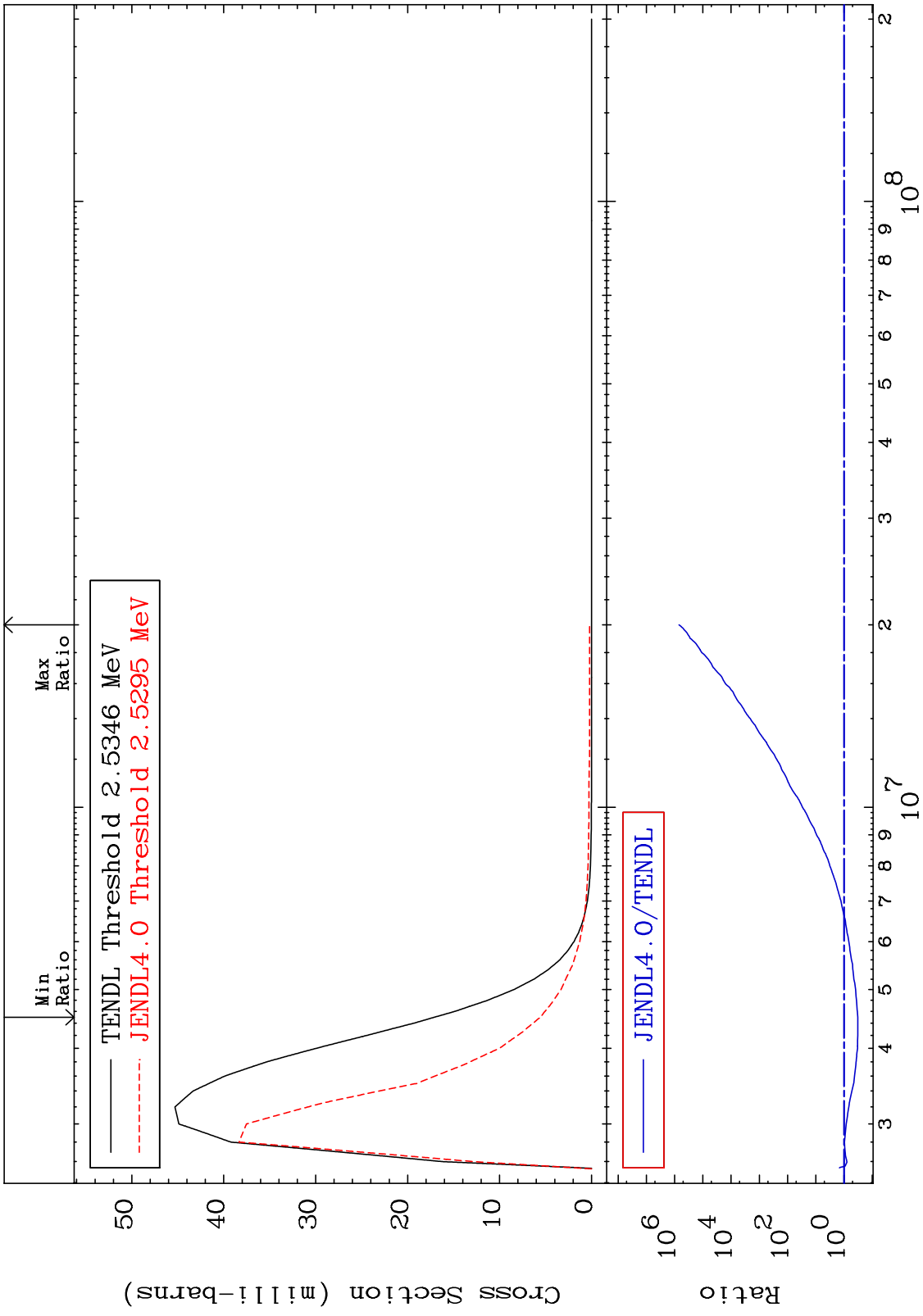
MAT 4843 MT= 76 (n,n') Level Cross Section 48-Cd-112  
 -66.26 To 9999. %



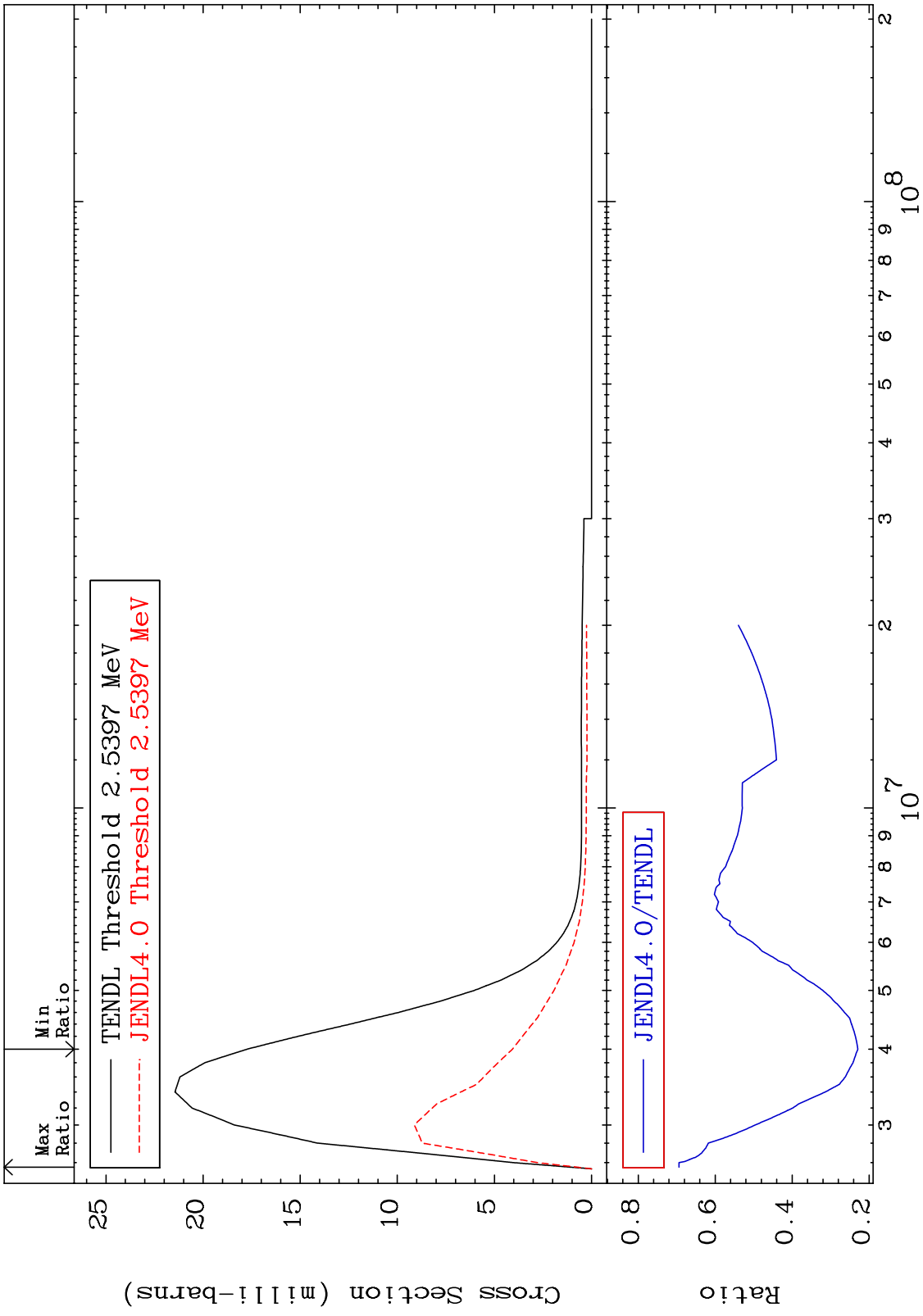
MAT 4843 MT= 77 (n,n') Level Cross Section 48-Cd-112  
 -86.38 To -4.507%



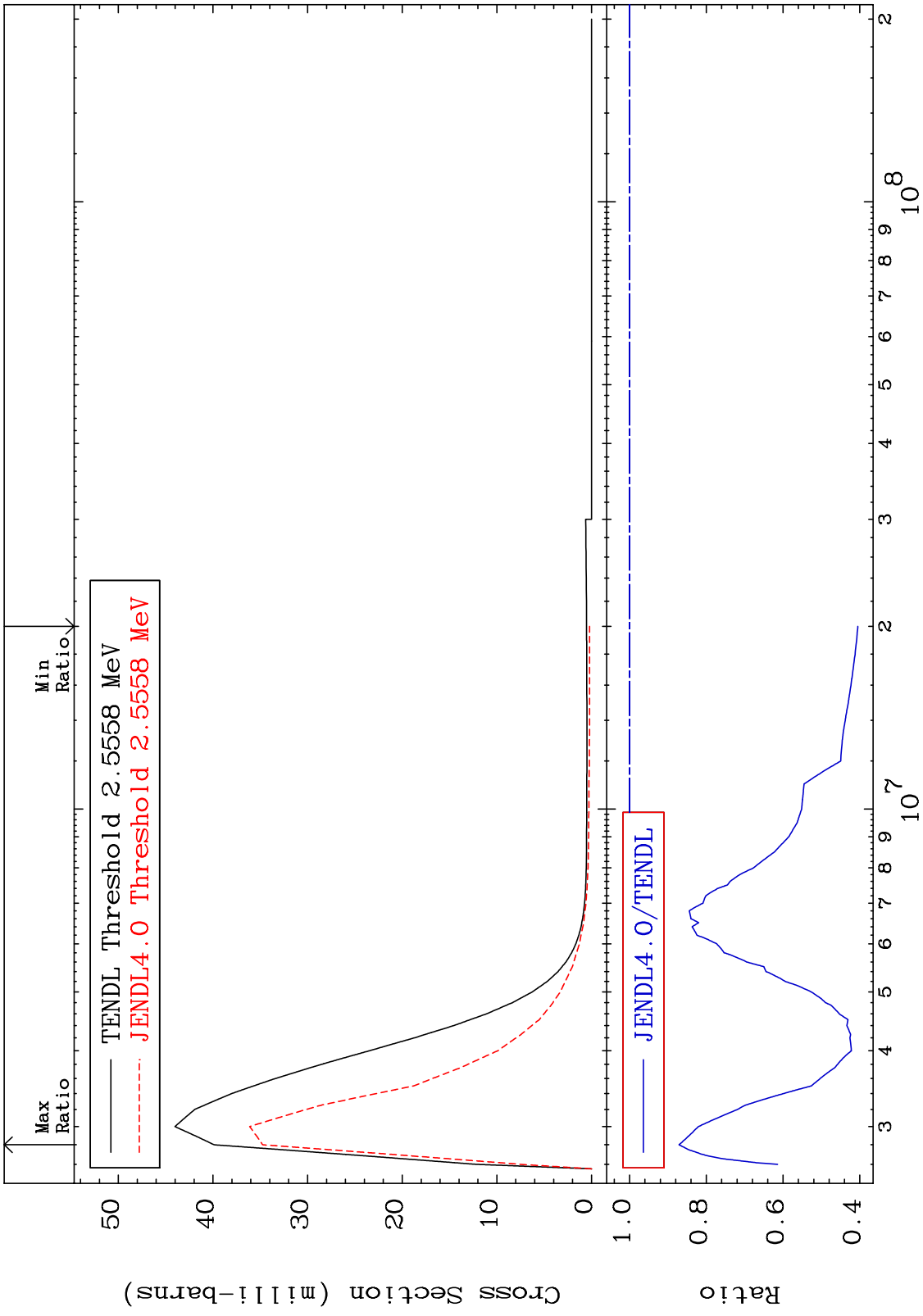
MAT 4843 MT= 78 (n,n') Level Cross Section 48-Cd-112  
 -67.43 To 9999. %



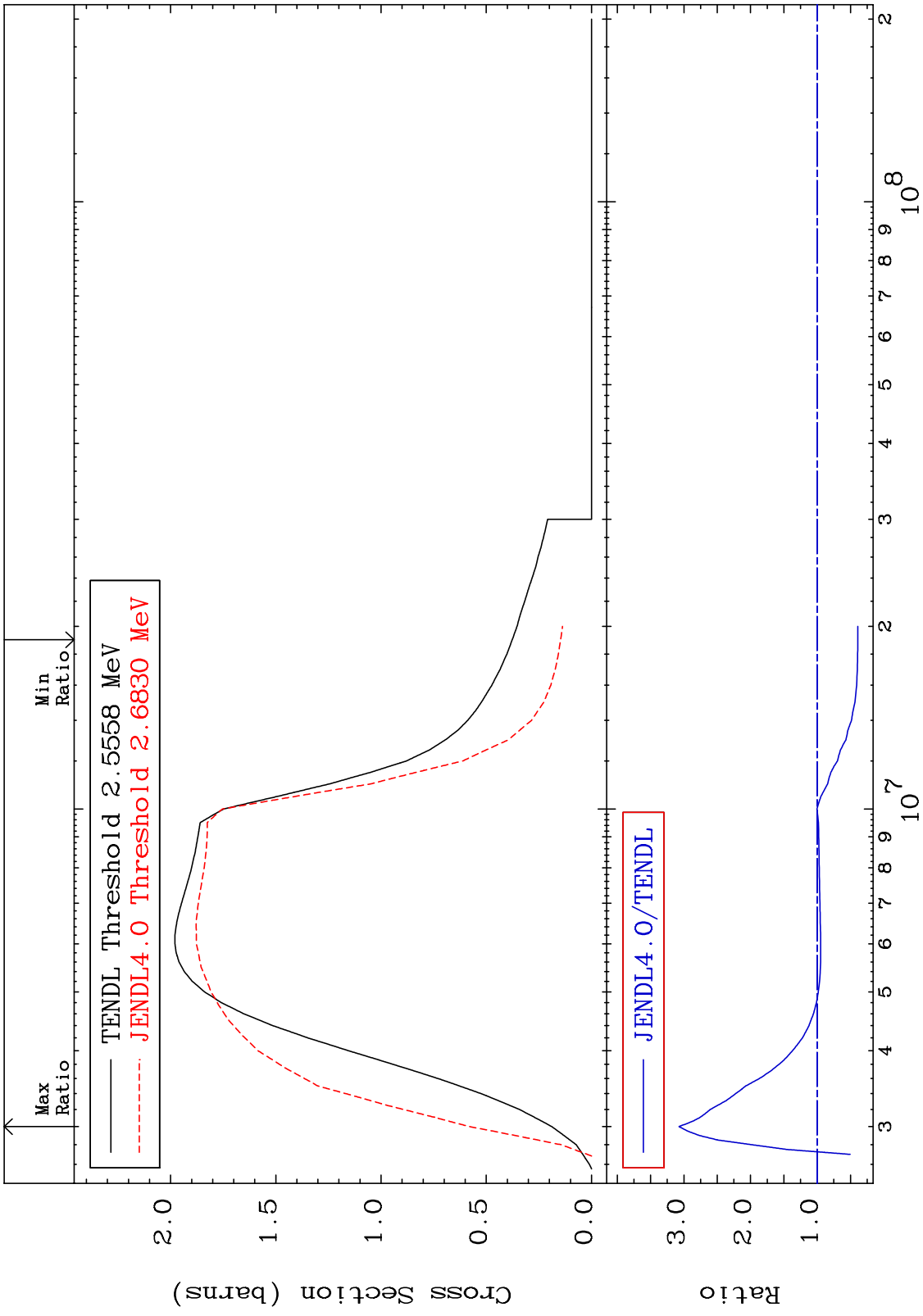
MAT 4843 MT= 79 (n,n') Level Cross Section 48-Cd-112  
 -77.07 To -30.61%



MAT 4843      MT= 80 (n,n') Level Cross Section      48-Cd-112  
 -59.49 To -12.88%



MAT 4843 (n, n') Continuum Cross Section 48-Cd-112 -61.04 To 207.3 %





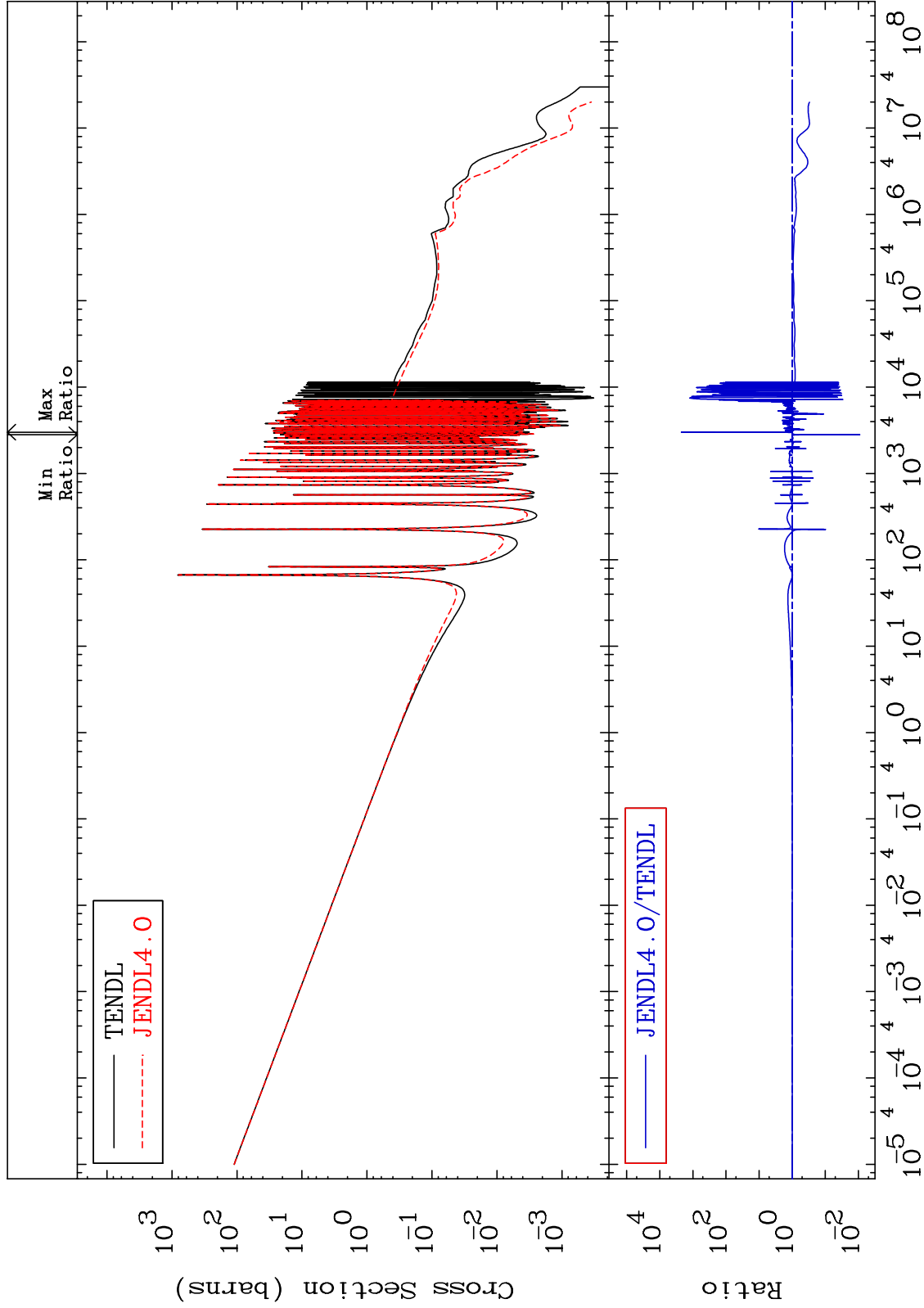
MAT 4843

(n,  $\gamma$ )

48-Cd-112

Cross Section

-99.09 To 9999. %

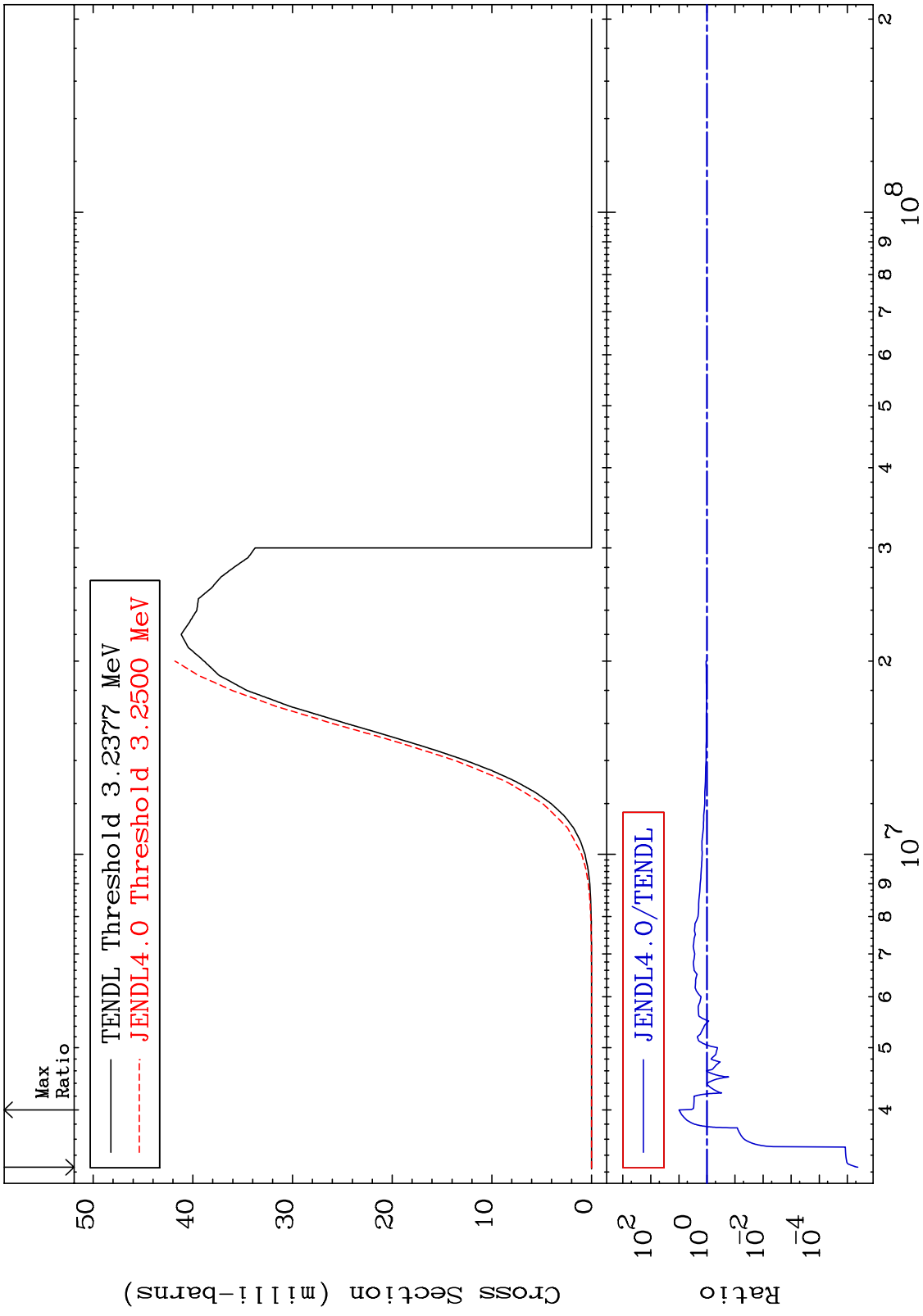


40

Incident Energy (eV)

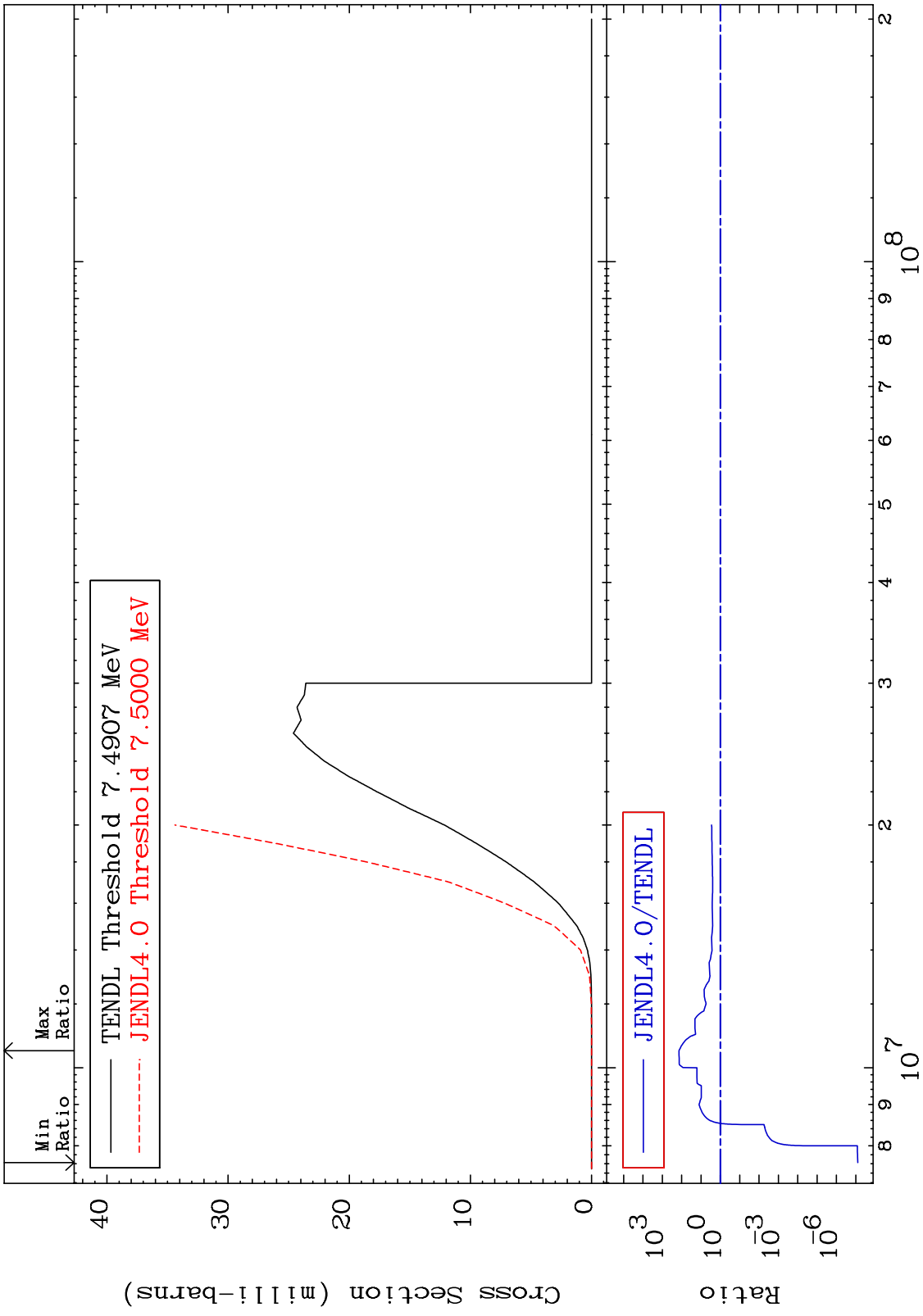
48-Cd-112

MAT 4843 (n,p) Cross Section 48-Cd-112 -100.0 To 889.2 %

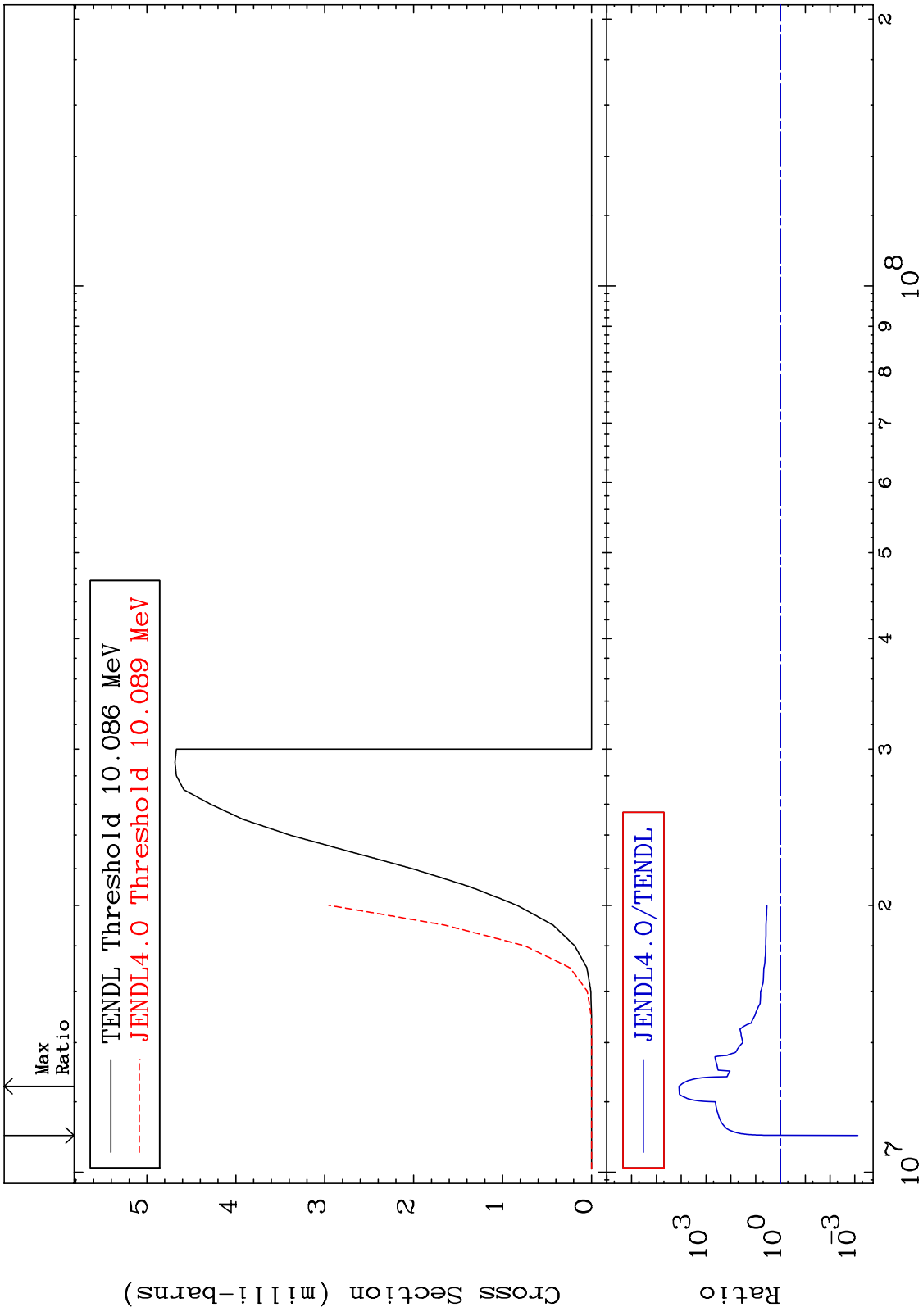


41 48-Cd-112 Incident Energy (eV)

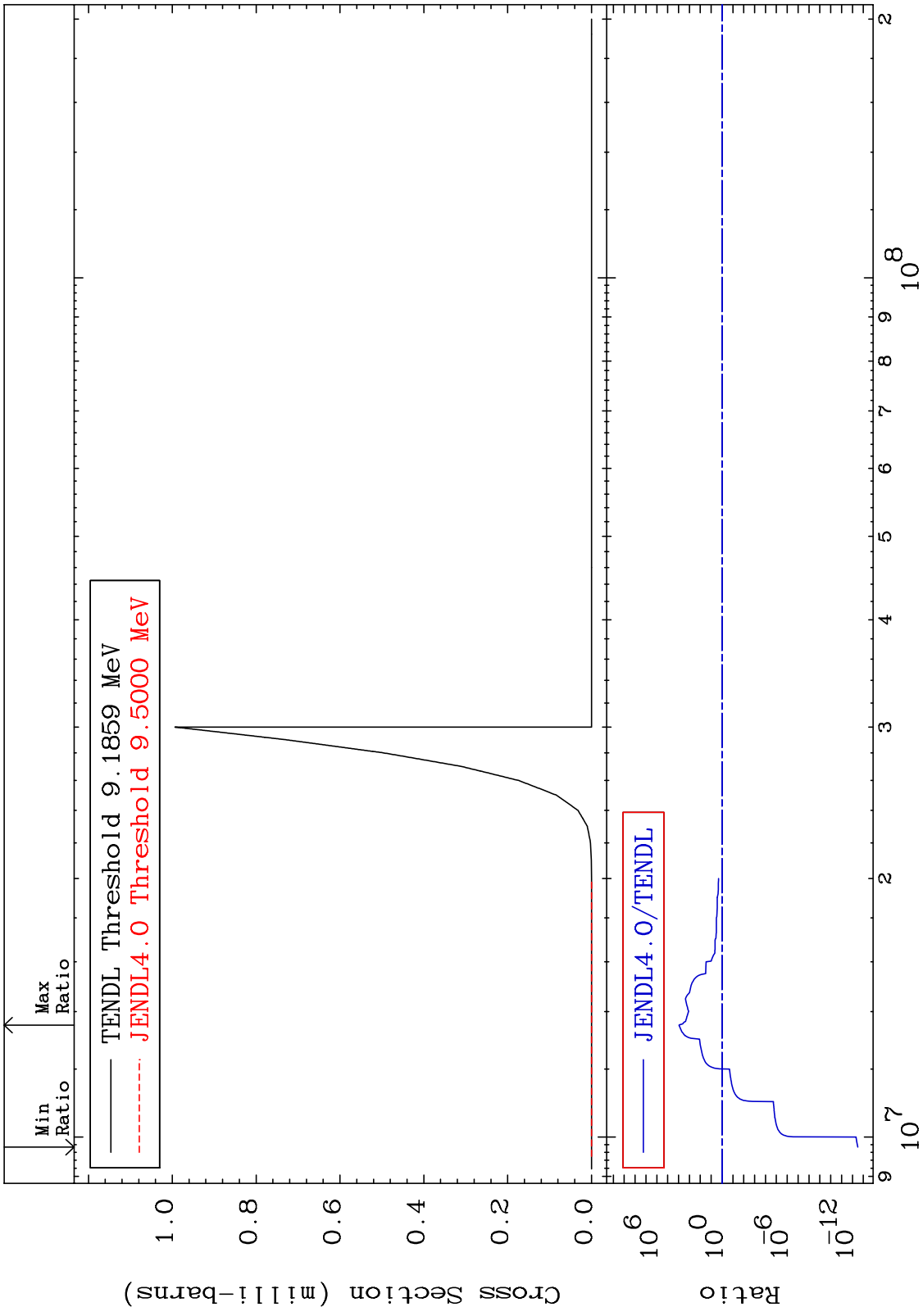
MAT 4843 (n,d) 48-Cd-112  
 Cross Section -100.0 To 9999. %



MAT 4843 (n,t) 48-Cd-112  
 Cross Section -99.92 To 9999. %



43 48-Cd-112



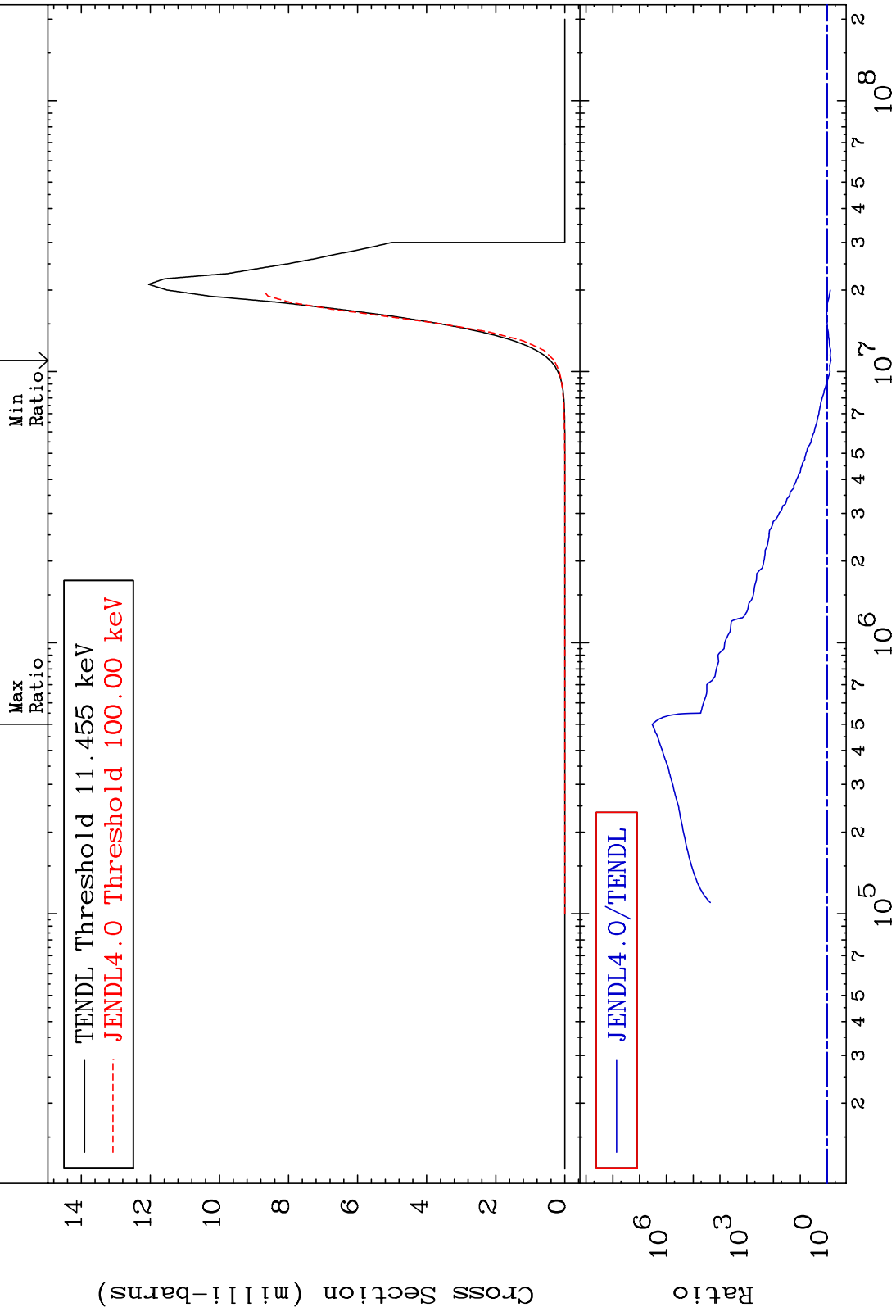
MAT 4843

(n,  $\alpha$ )

48-Cd-112

-27.95 To 9999. %

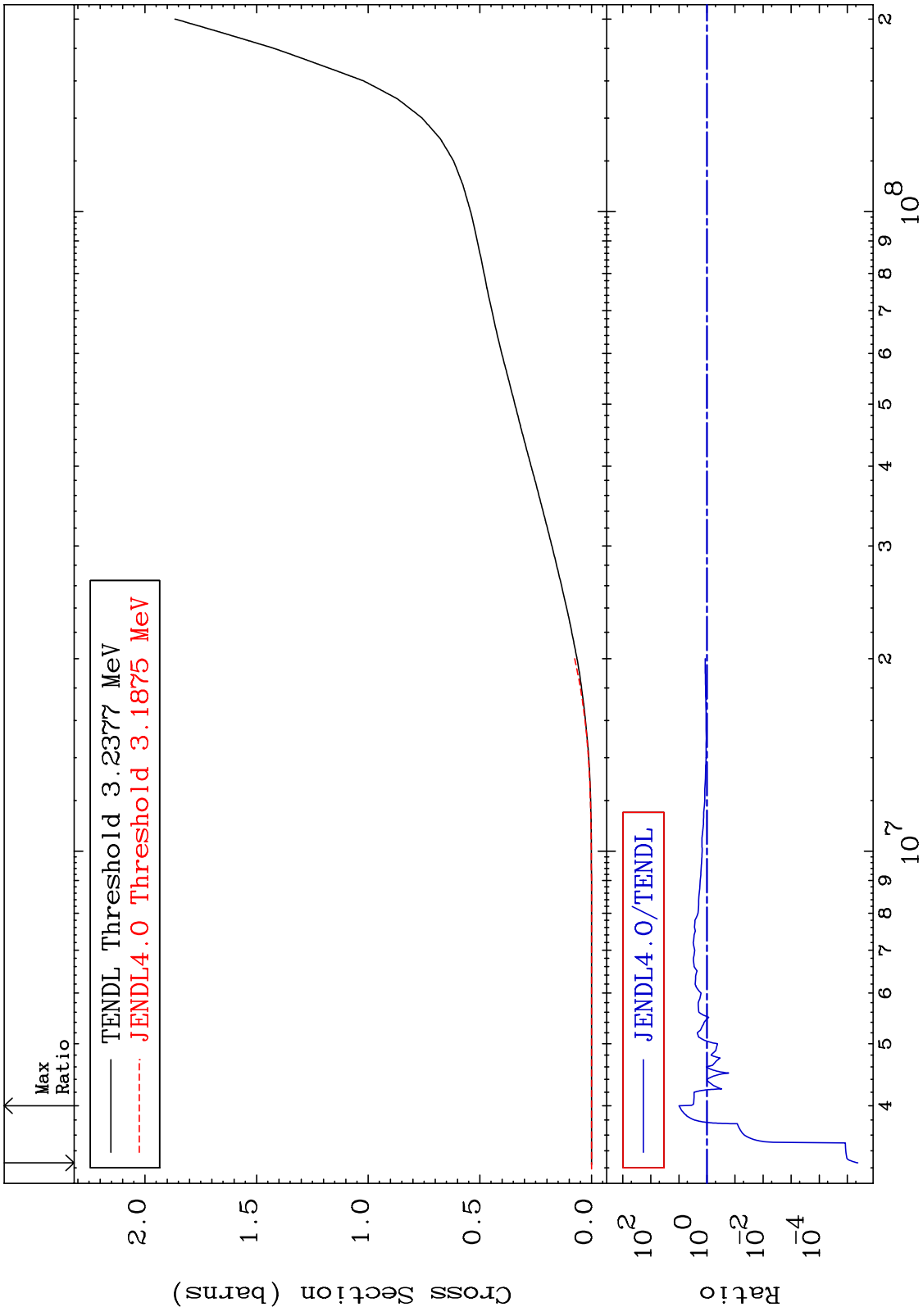
Cross Section



45

Incident Energy (eV)

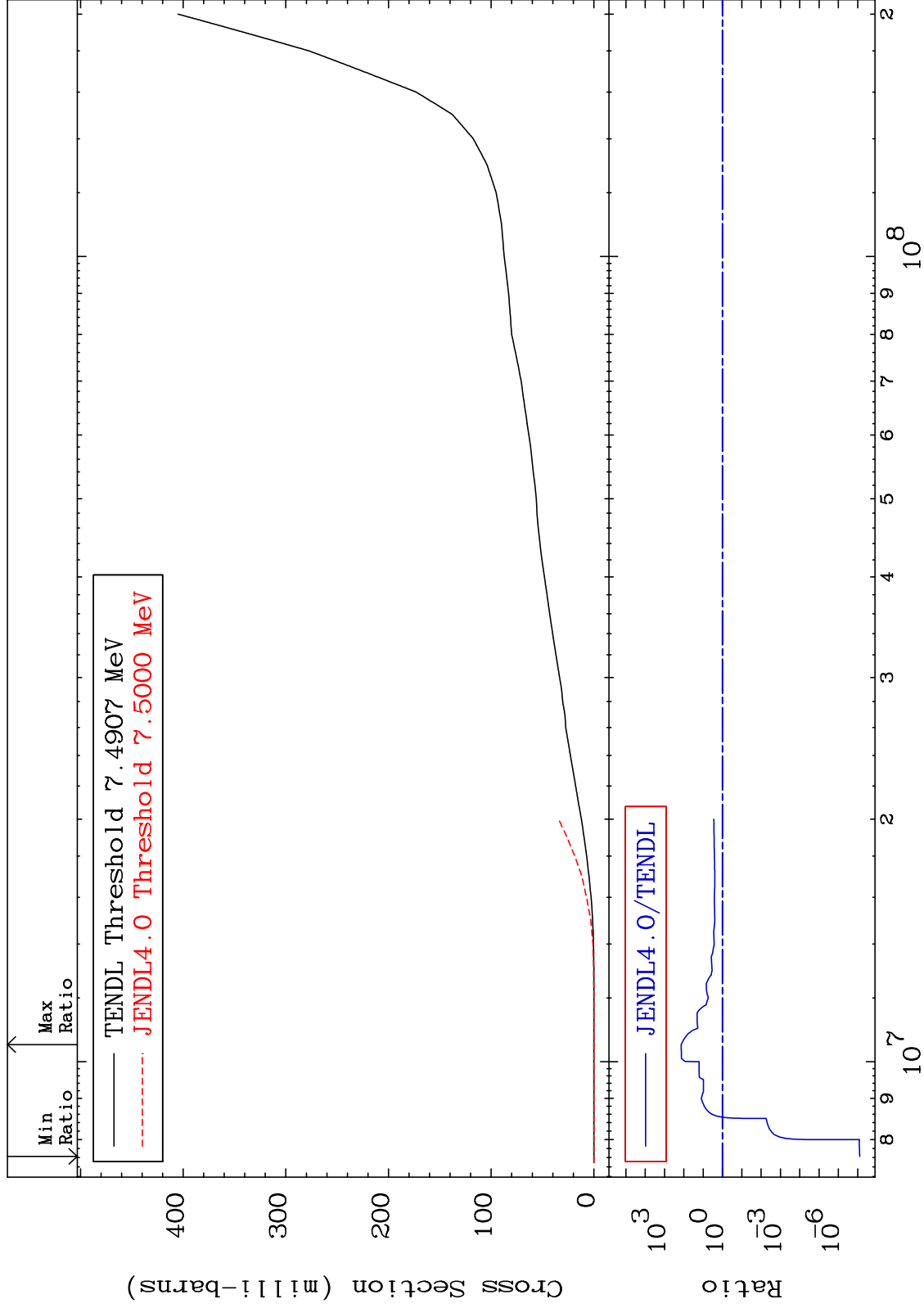
48-Cd-112



MAT 4843

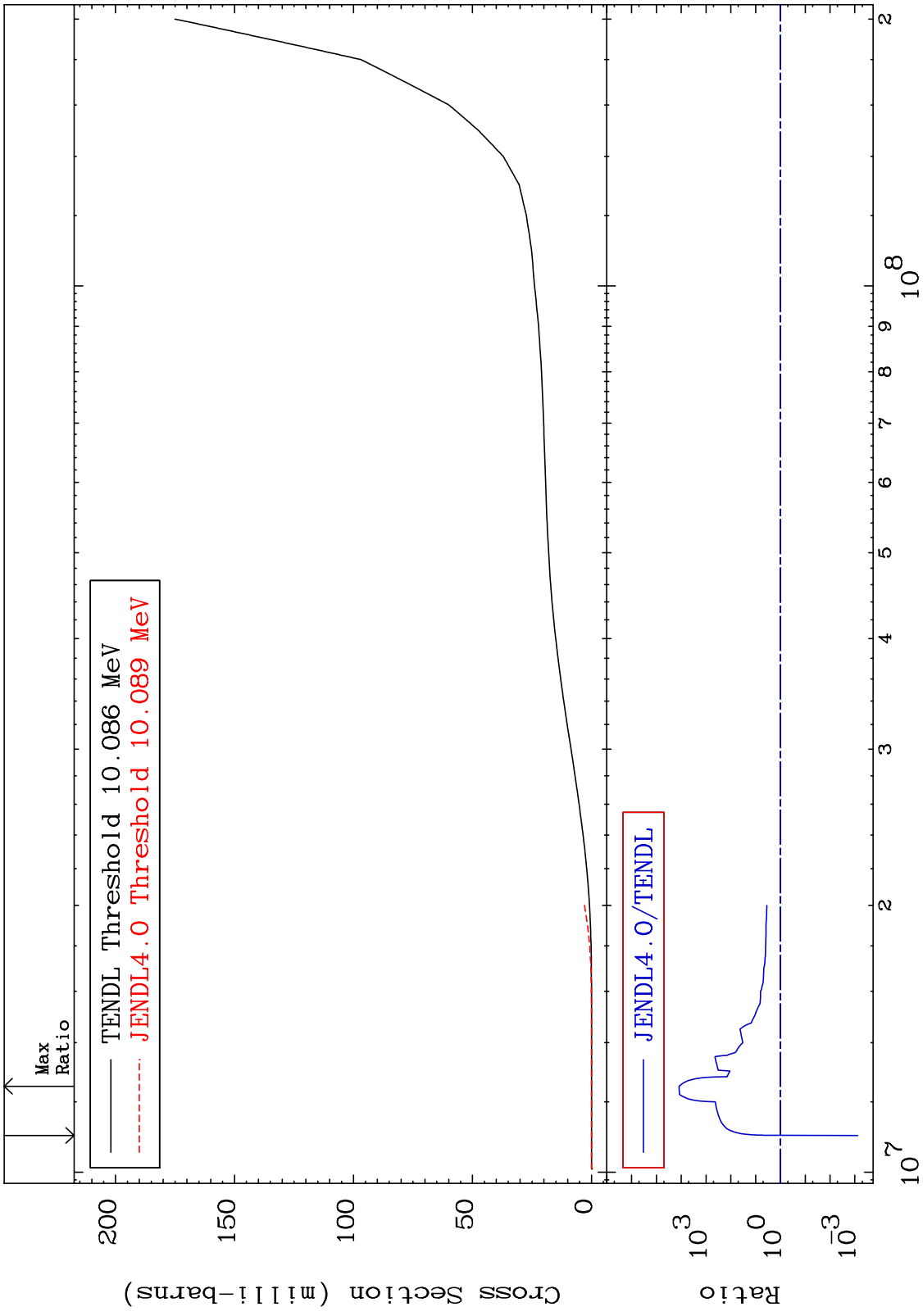
Deuterium Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %





MAT 4843 Tritium Production Cross Section 48-Cd-112 -99.92 To 9999. %

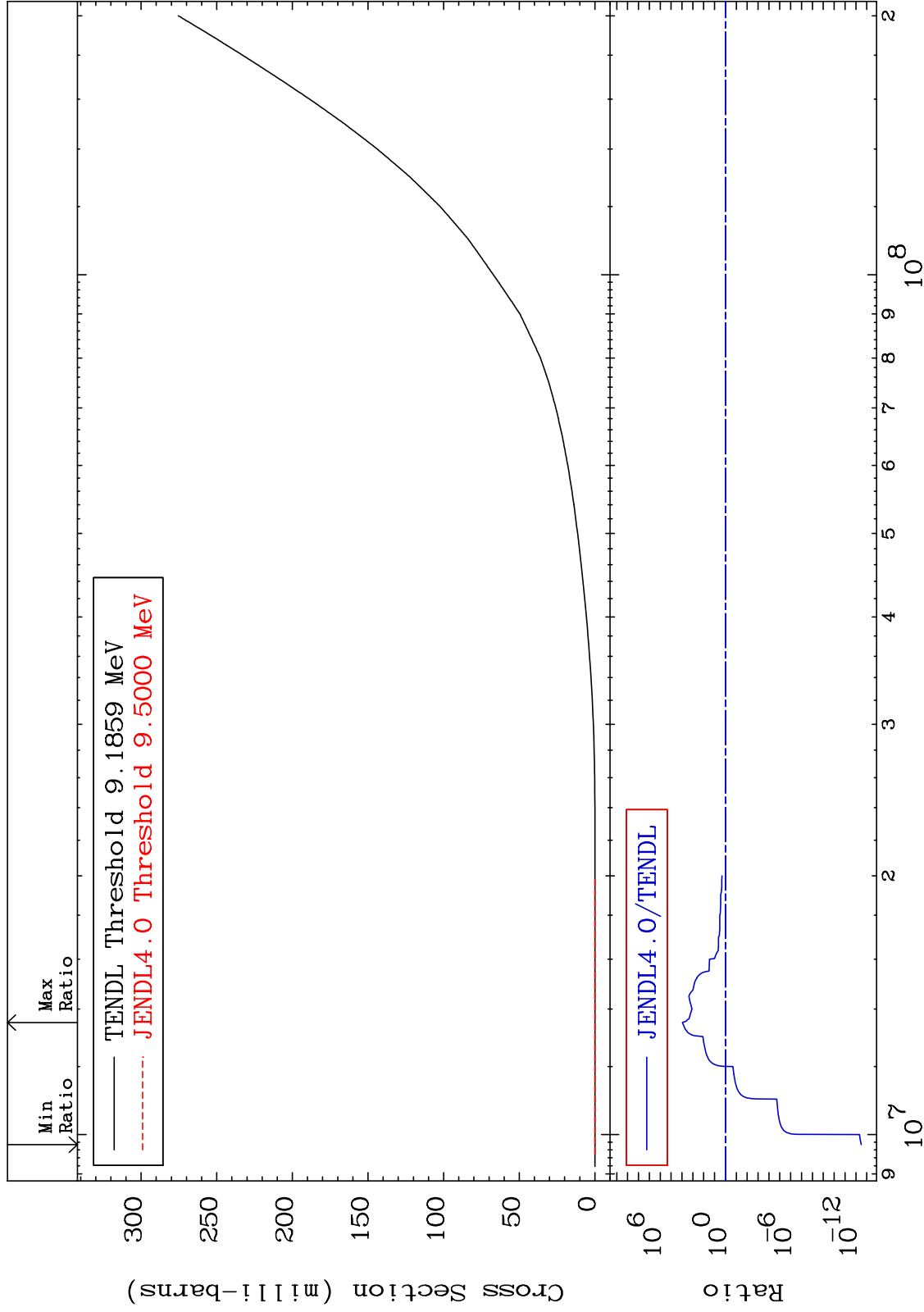


48 48-Cd-112 Incident Energy (eV)

MAT 4843

He-3 Production  
Cross Section

48-Cd-112  
-100.0 To 9999. %



49

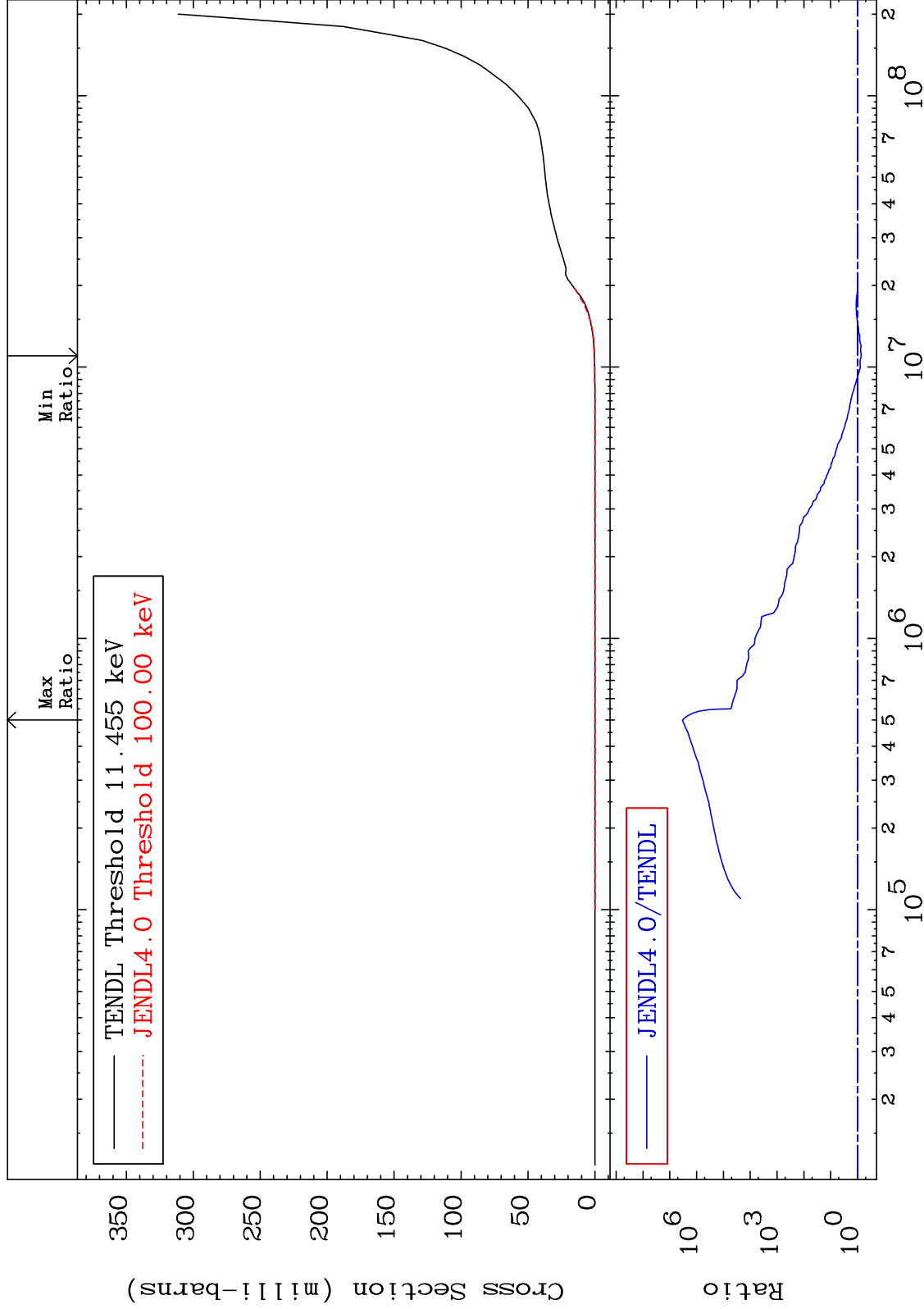
Incident Energy (eV)

48-Cd-112

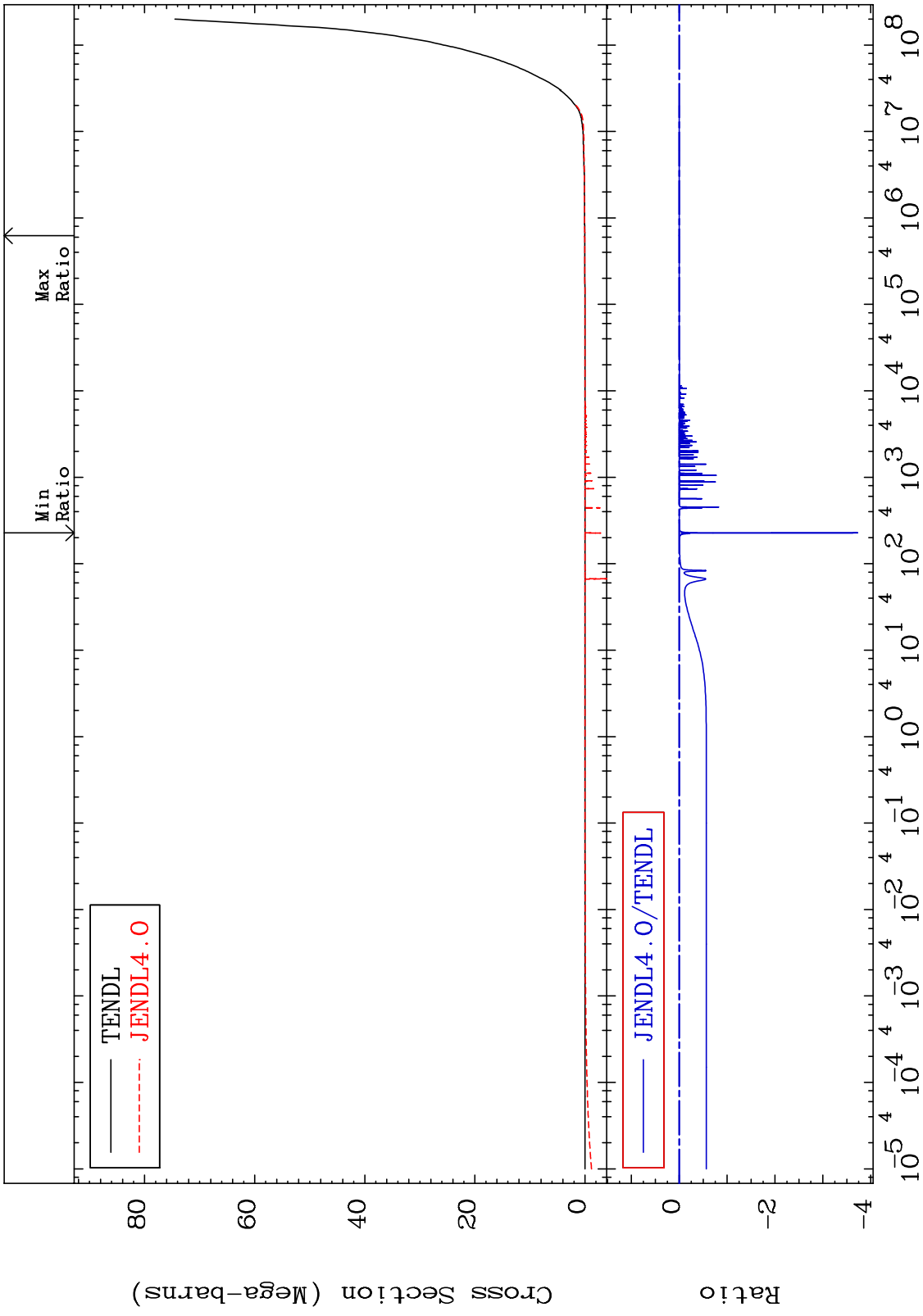
MAT 4843

He-4 Production  
Cross Section

48-Cd-112  
-27.68 To 9999. %



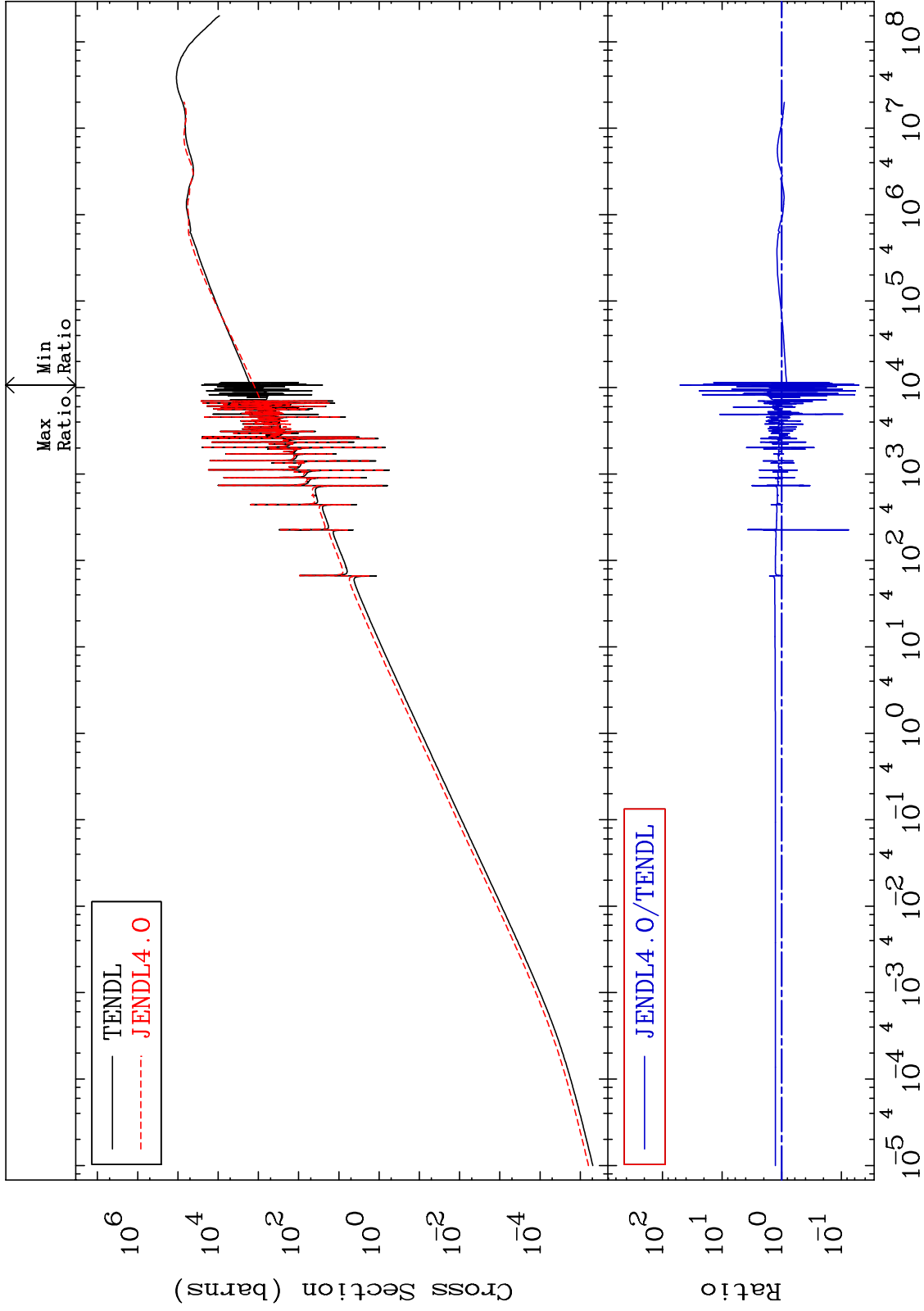
MAT 4843 Kerma total (eV-barns) Cross Section 48-Cd-112 -9999. To 406.5 %



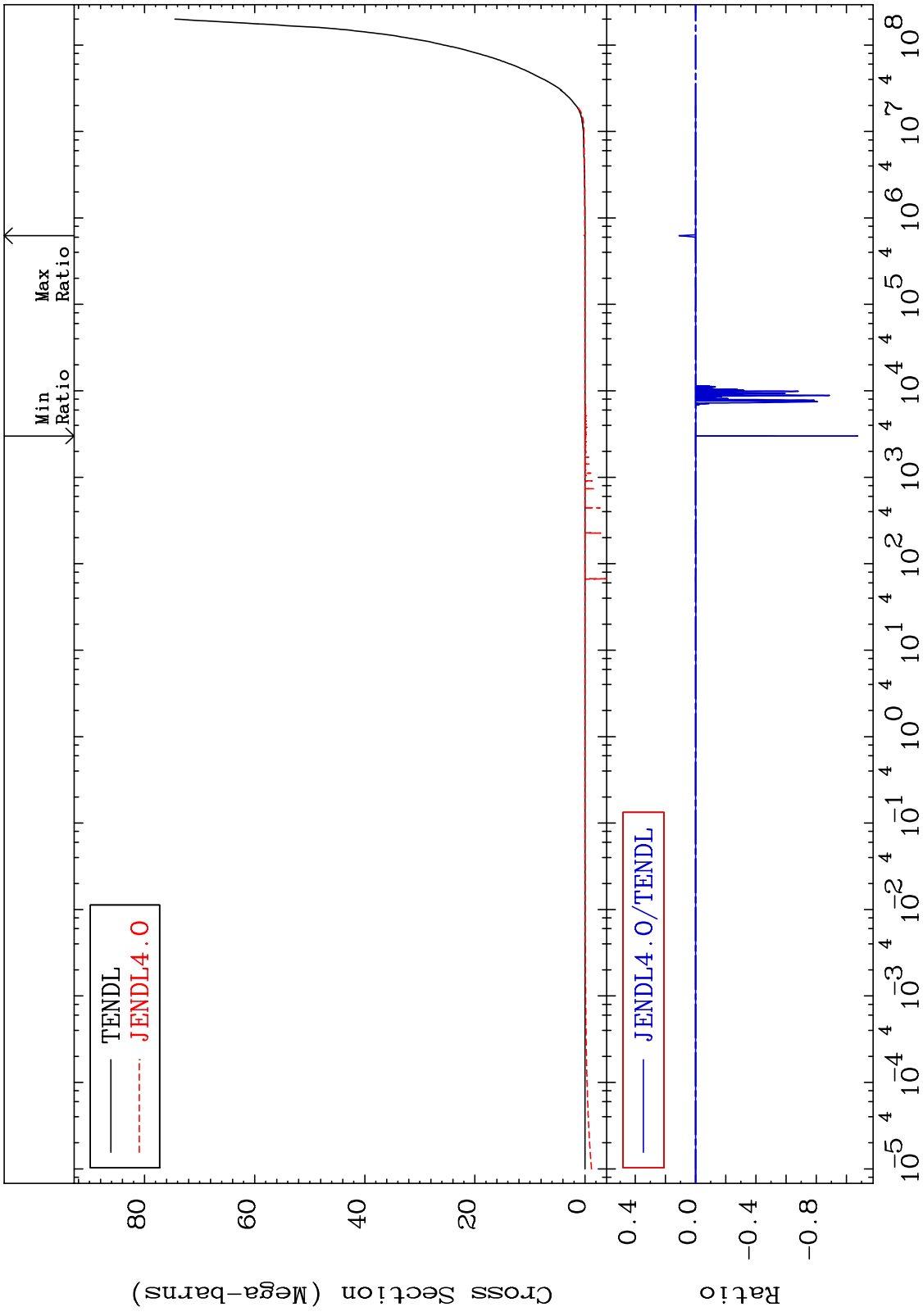
MAT 4843

Kerma elastic  
Cross Section

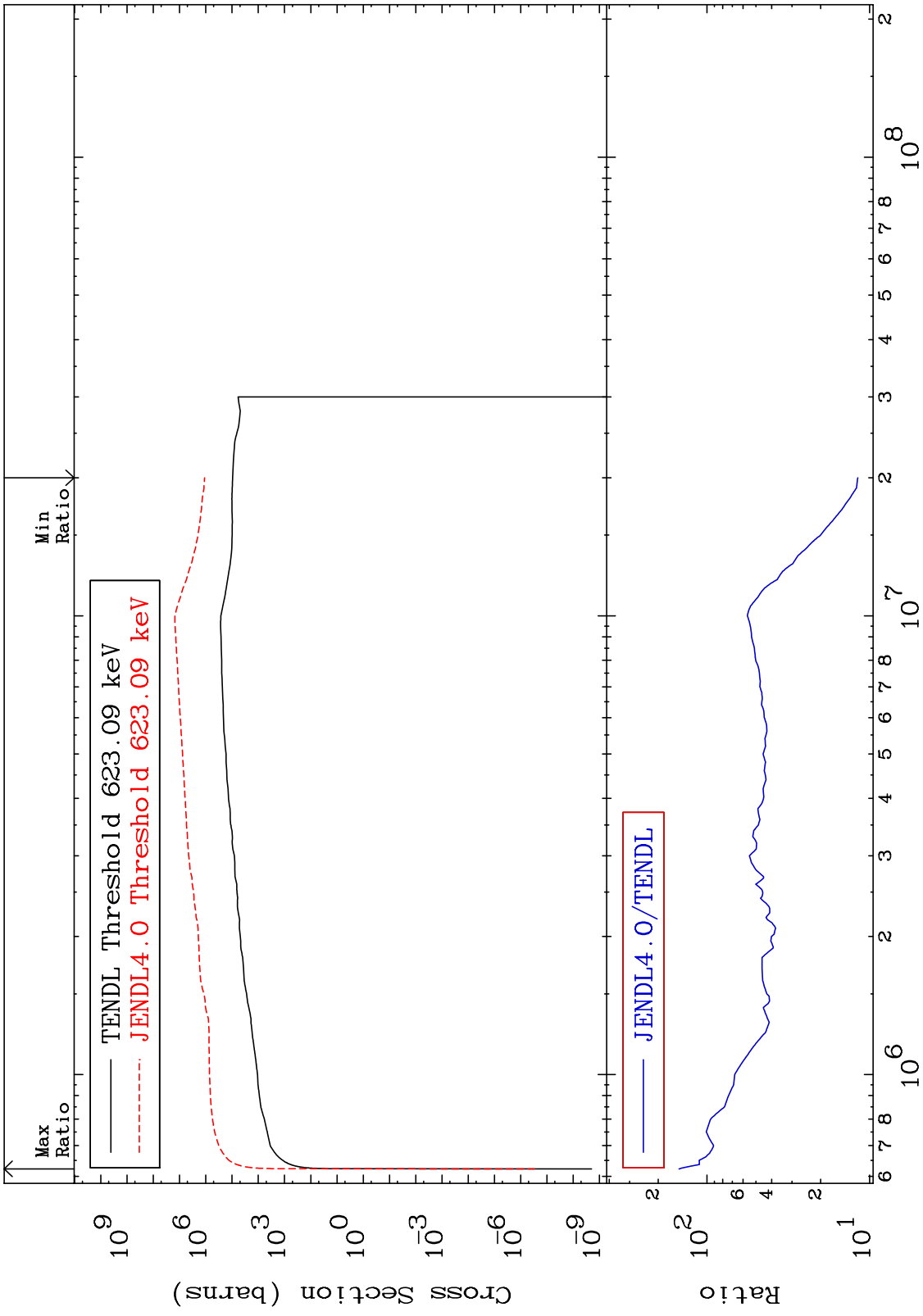
48-Cd-112  
-94.92 To 4919. %



MAT 4843      Kerma non-elastic (all but mt2)      48-Cd-112  
 Cross Section      -9999. To 9999. %



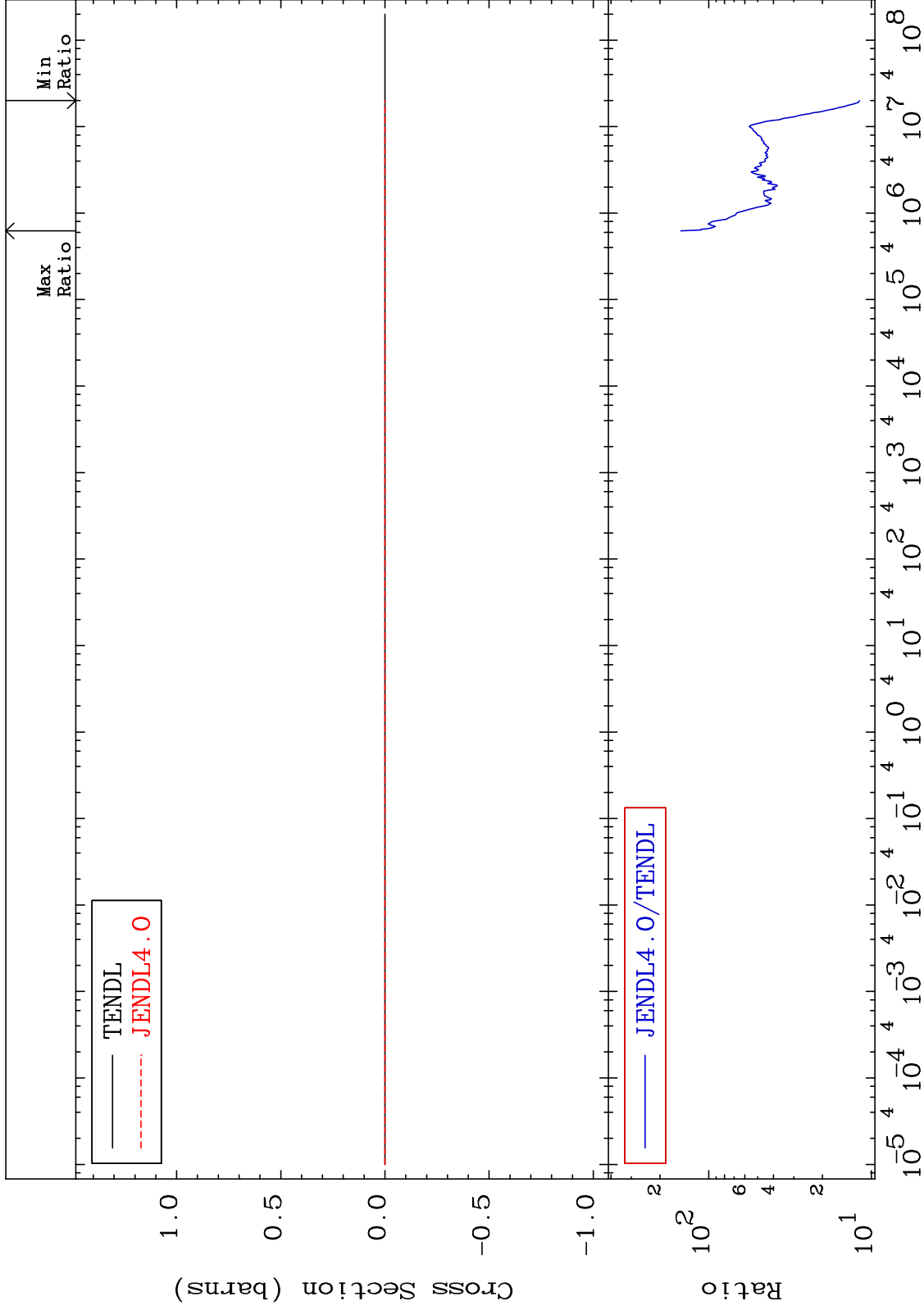
MAT 4843 Kerma inelastic (mt51-91) 48-Cd-112  
 Cross Section 1080. To 9999. %



MAT 4843

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

48-Cd-112  
1080. To 9999. %

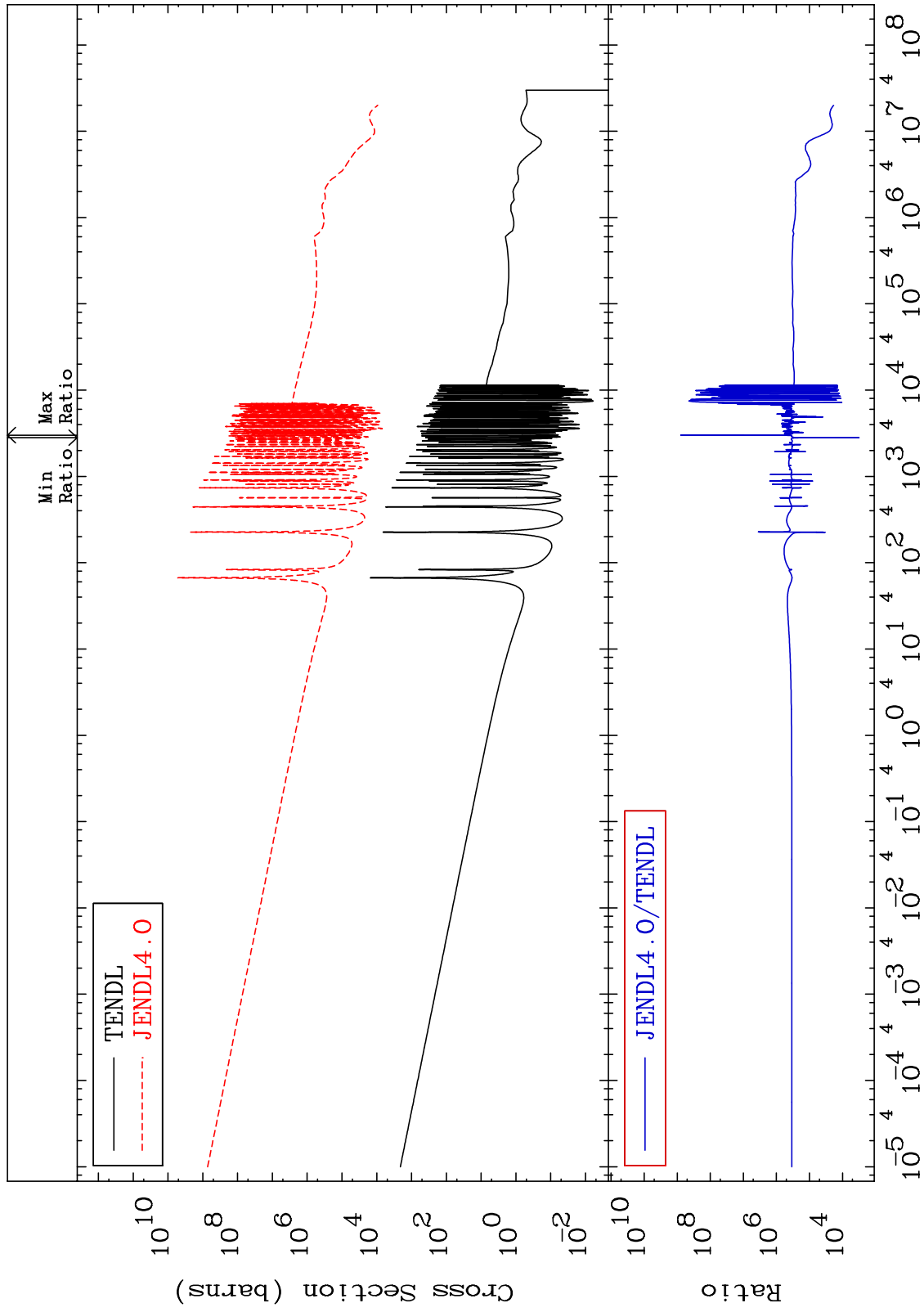




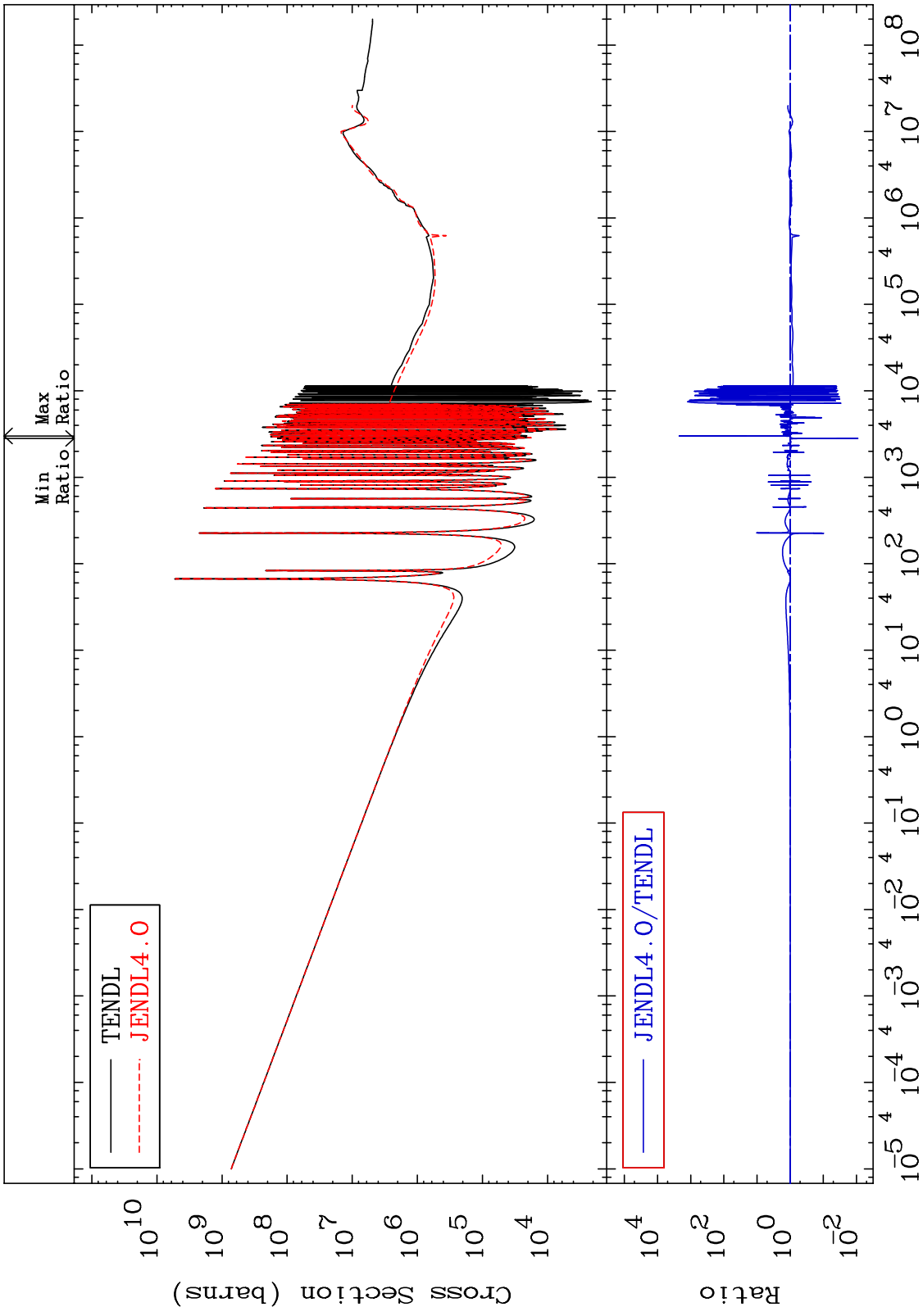
MAT 4843

Kerma capture (mt102)  
Cross Section

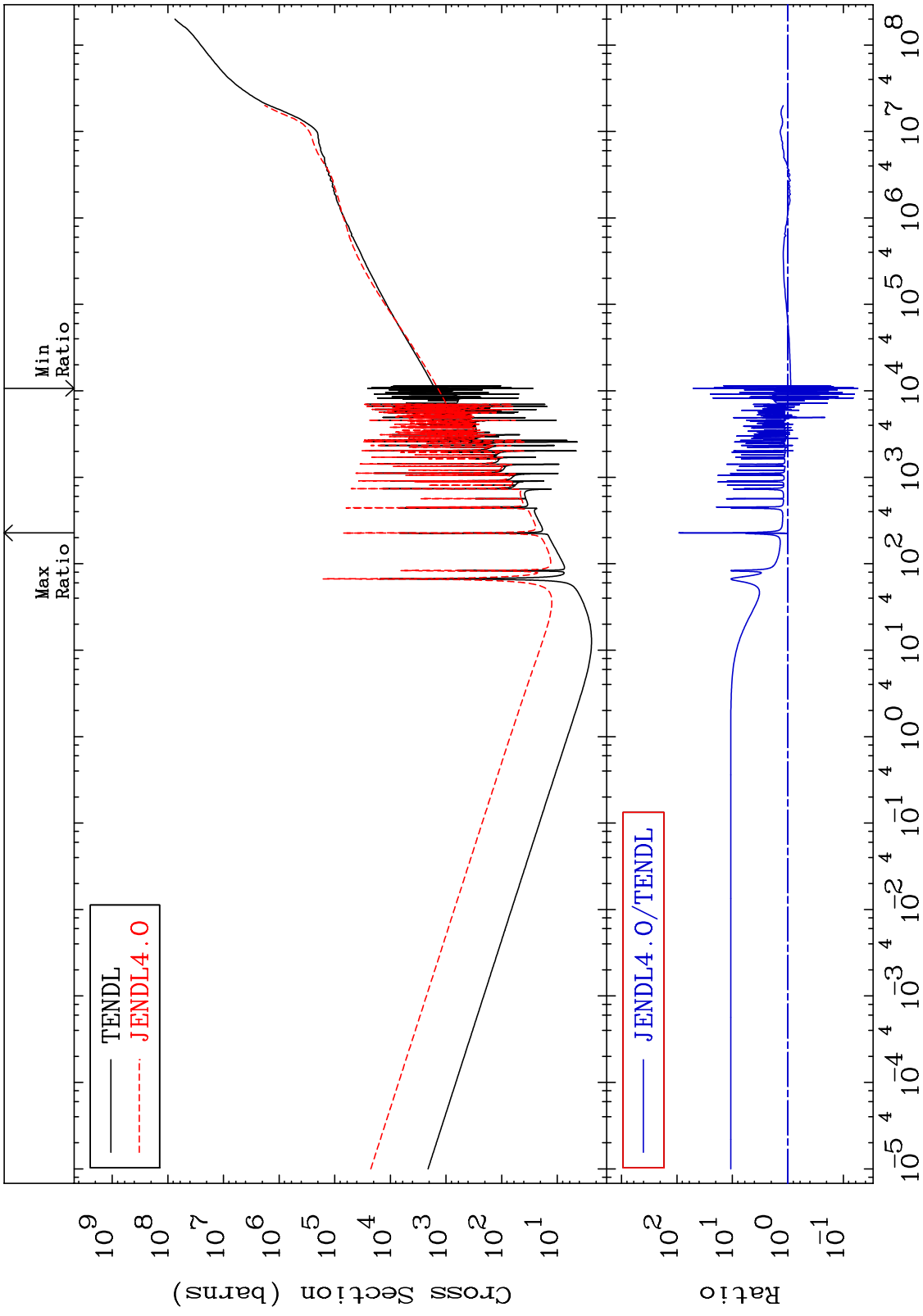
48-Cd-112  
9999. To 9999. %



MAT 4843      Total photon (eV-barns)      48-Cd-112  
 Cross Section      -99.09 To 9999. %



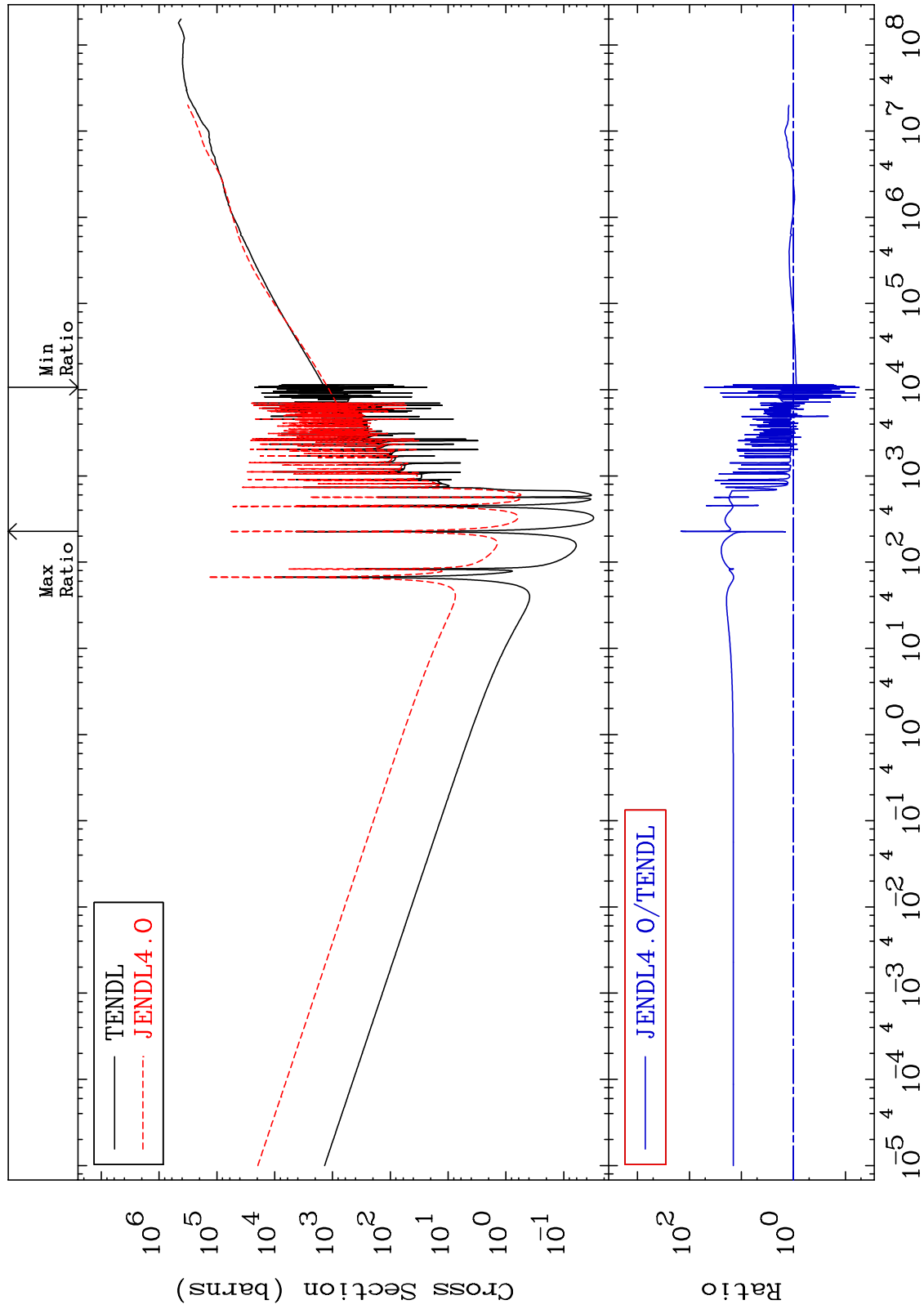
MAT 4843      Total kinematic kerma (high limit)      48-Cd-112  
 Cross Section      -94.54 To 9058. %



MAT 4843

Dpa total (eV-barns)  
Cross Section

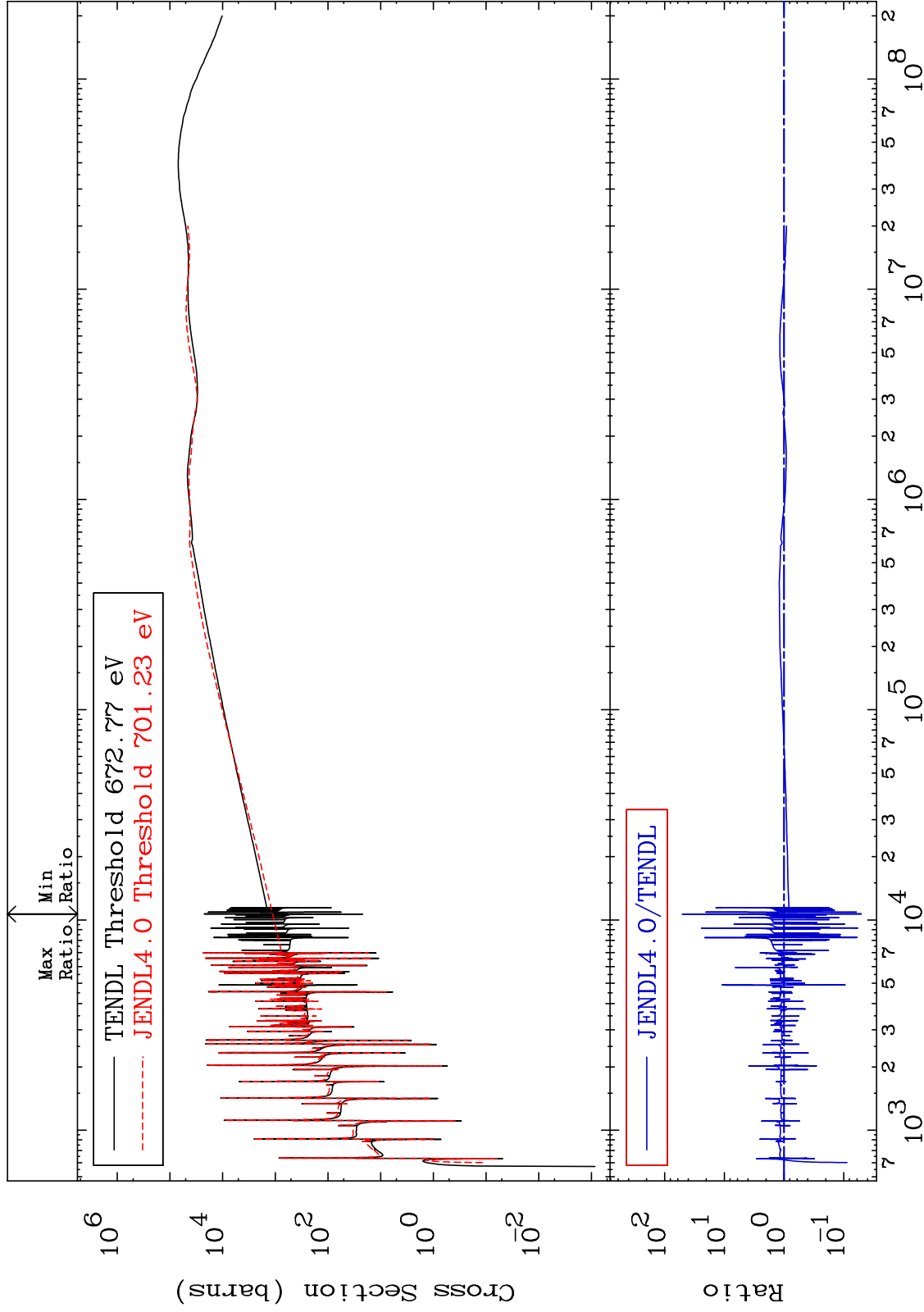
48-Cd-112  
-94.54 To 9999. %



MAT 4843

Dpa elastic (mt2)  
Cross Section

48-Cd-112  
-94.92 To 4919. %

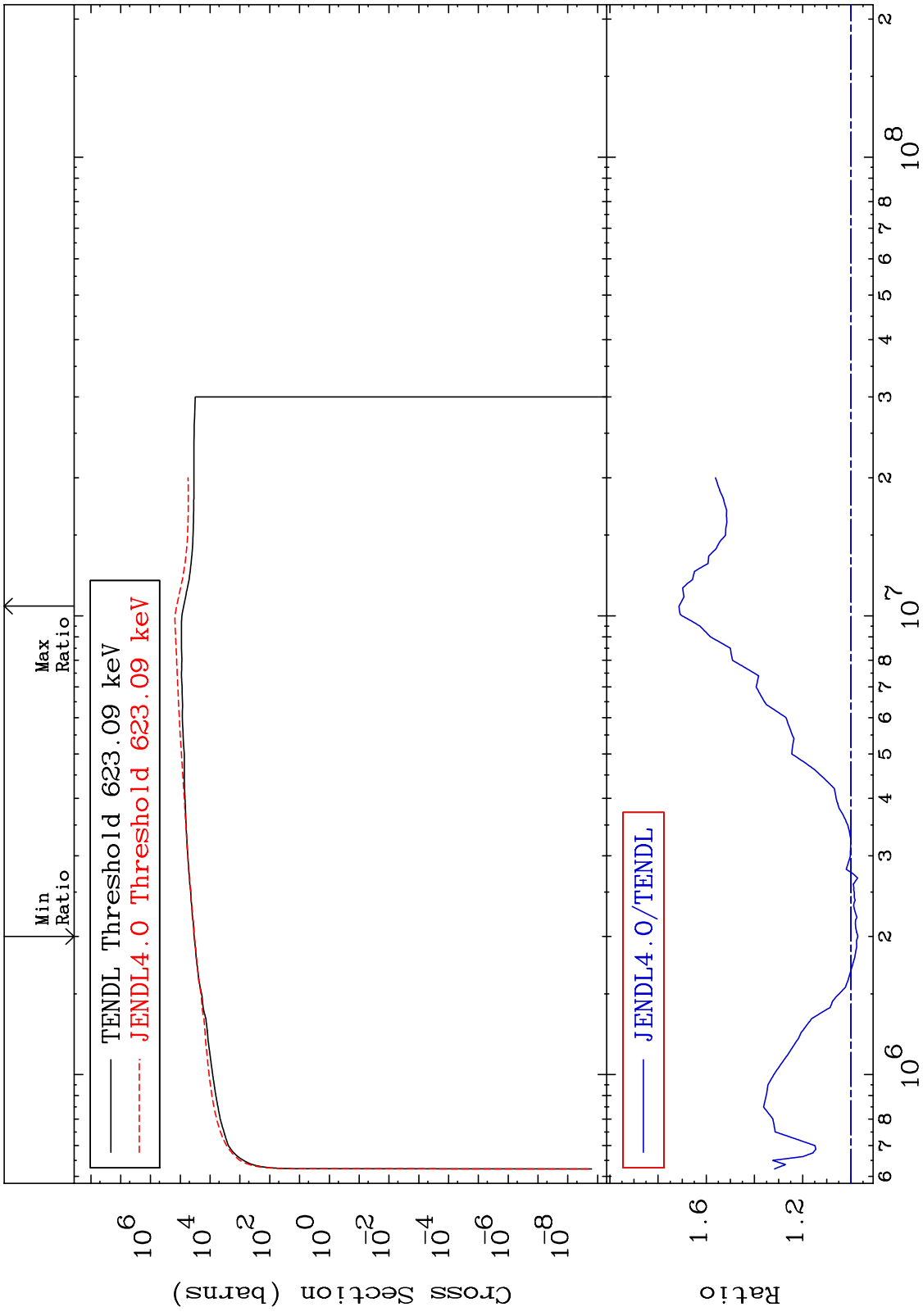


60

48-Cd-112

48-Cd-112

MAT 4843      Dpa inelastic (mt51-91)      48-Cd-112  
 Cross Section      -2.865 To 71.30 %



MAT 4843

Dpa disappearance (mt102 -120)  
Cross Section

48-Cd-112  
-85.08 To 9999. %

