

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

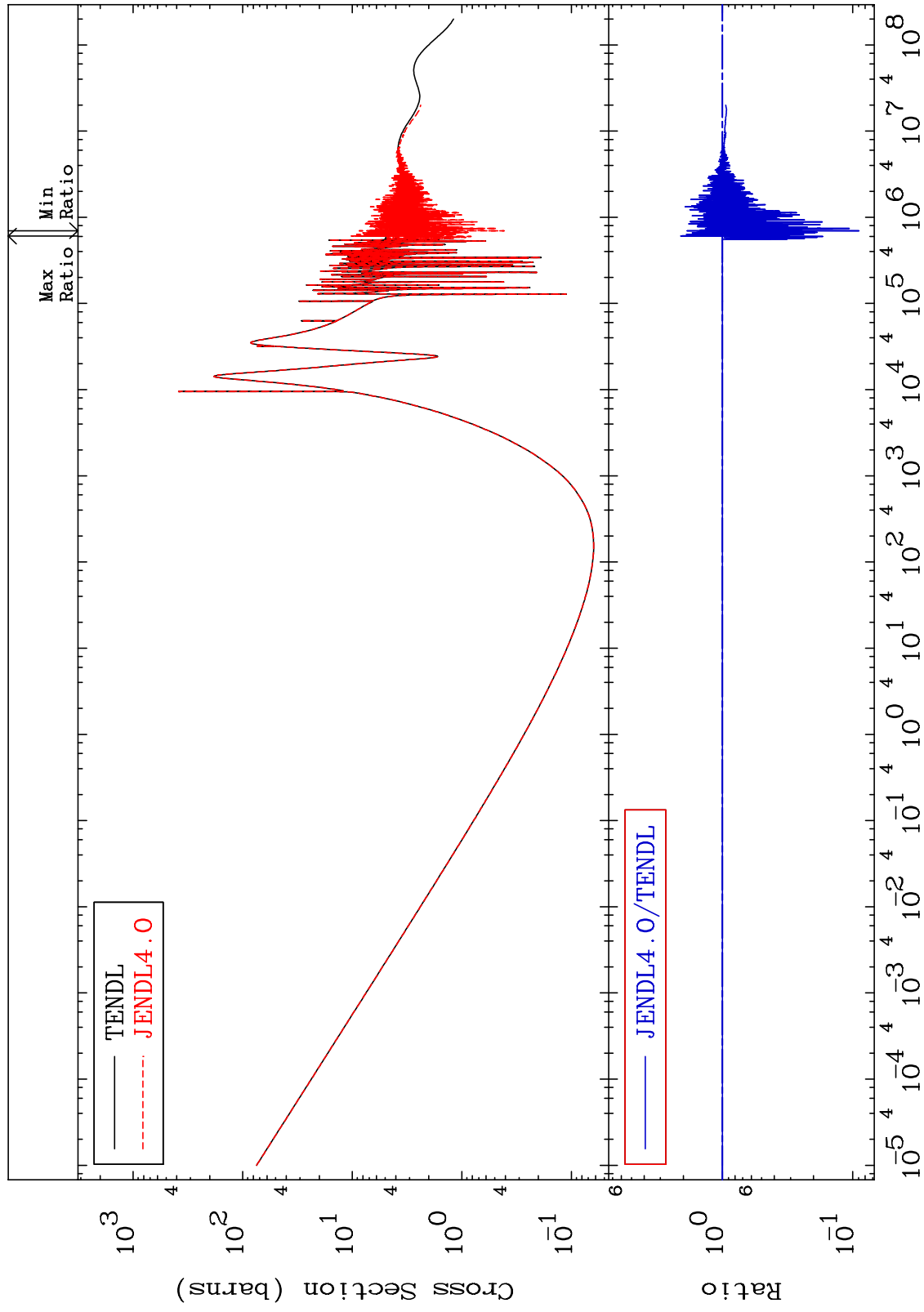
U.S.A.

Tele: 925-443-1911

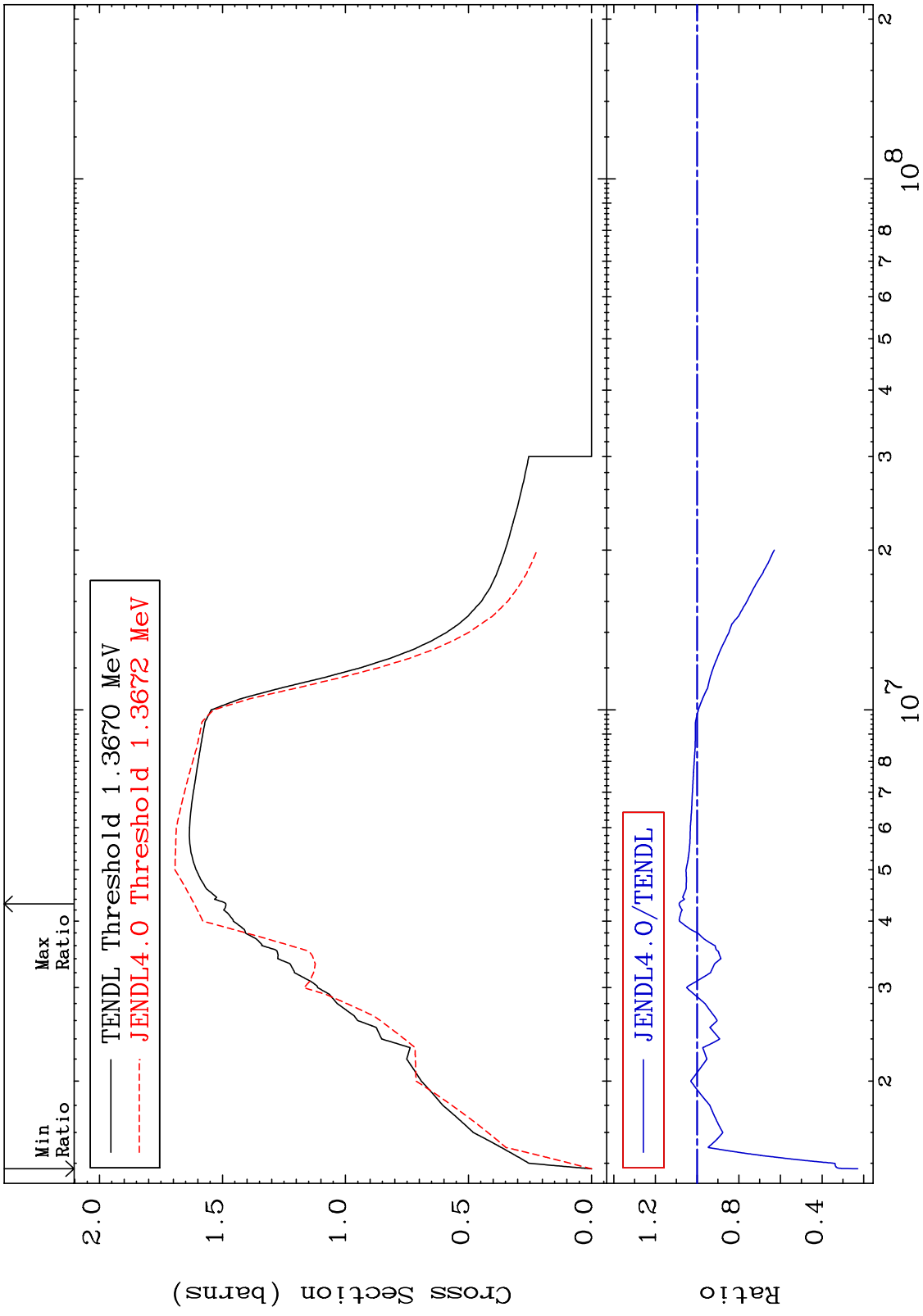
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

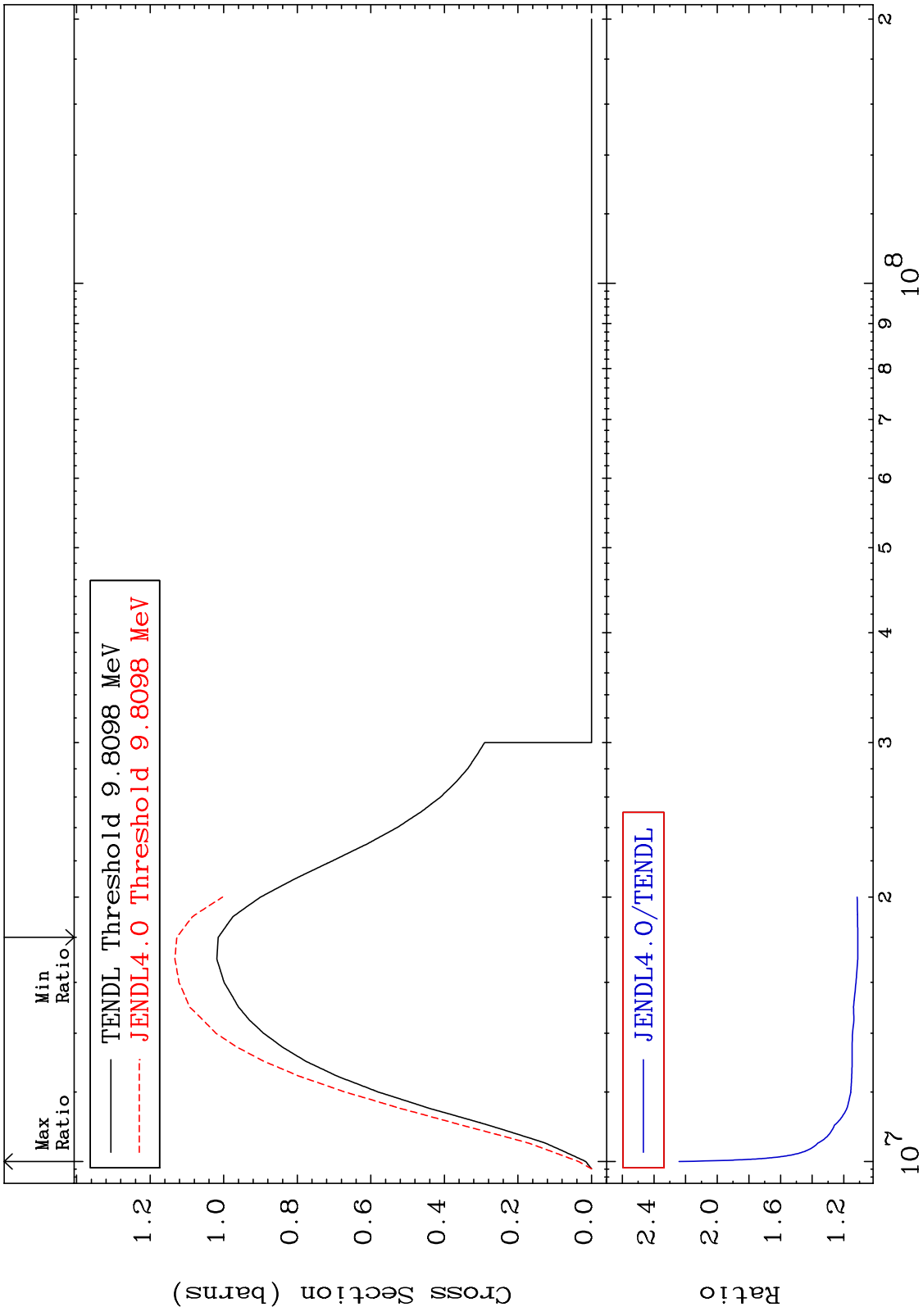
MAT 2843 Total Cross Section 28-Ni-64 -91.08 To 108.9 %



1 Incident Energy (eV) 28-Ni-64

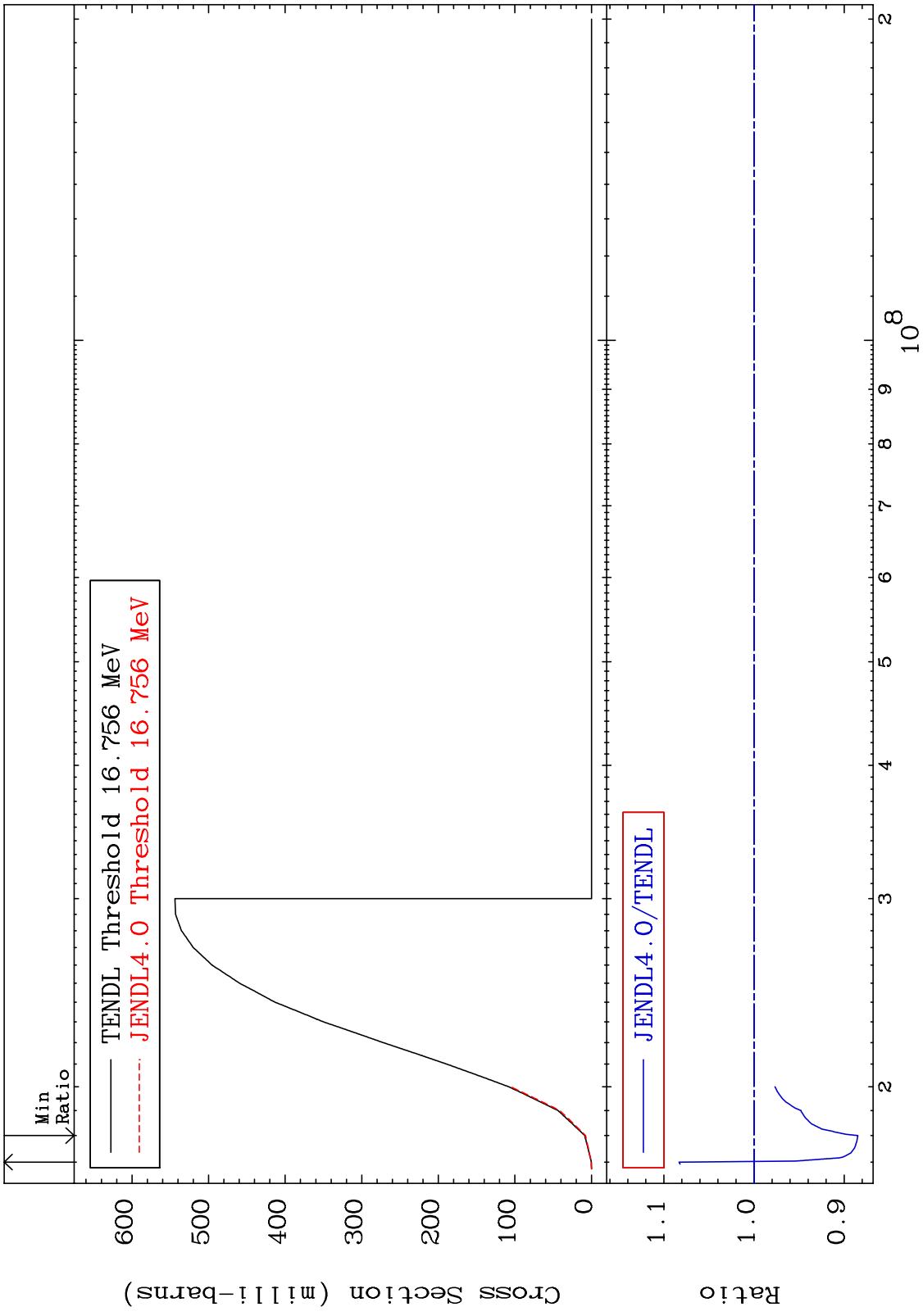


MAT 2843 (n,2n) Cross Section 28-Ni-64 11.10 To 124.2 %



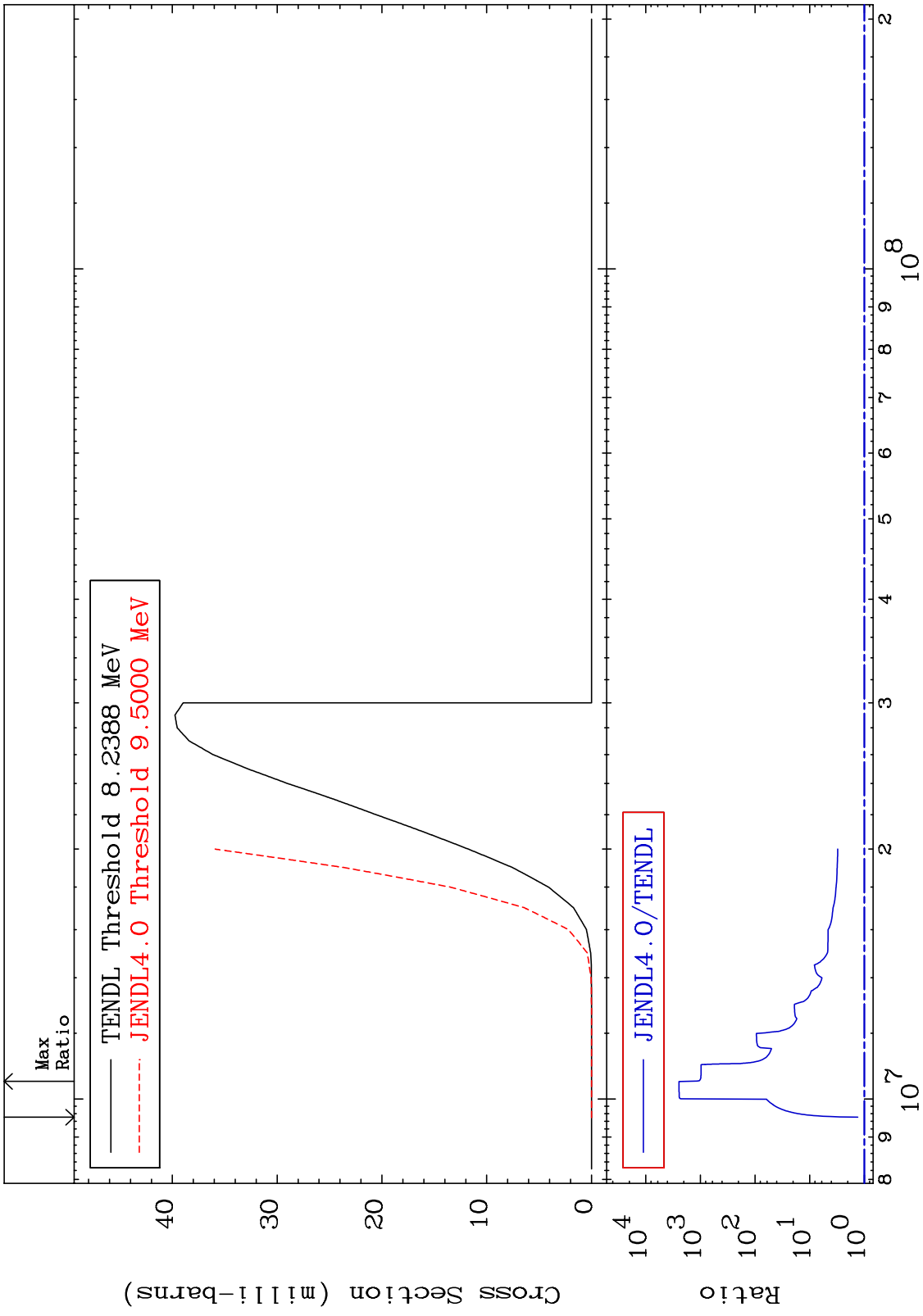
28-Ni-64 Incident Energy (eV)

MAT 2843 (n,3n) Cross Section 28-Ni-64 -11.52 To 8.318 %



5 28-Ni-64

MAT 2843 $(n, n') \alpha$ 28-Ni-64
 Cross Section 30.99 To 9999. %

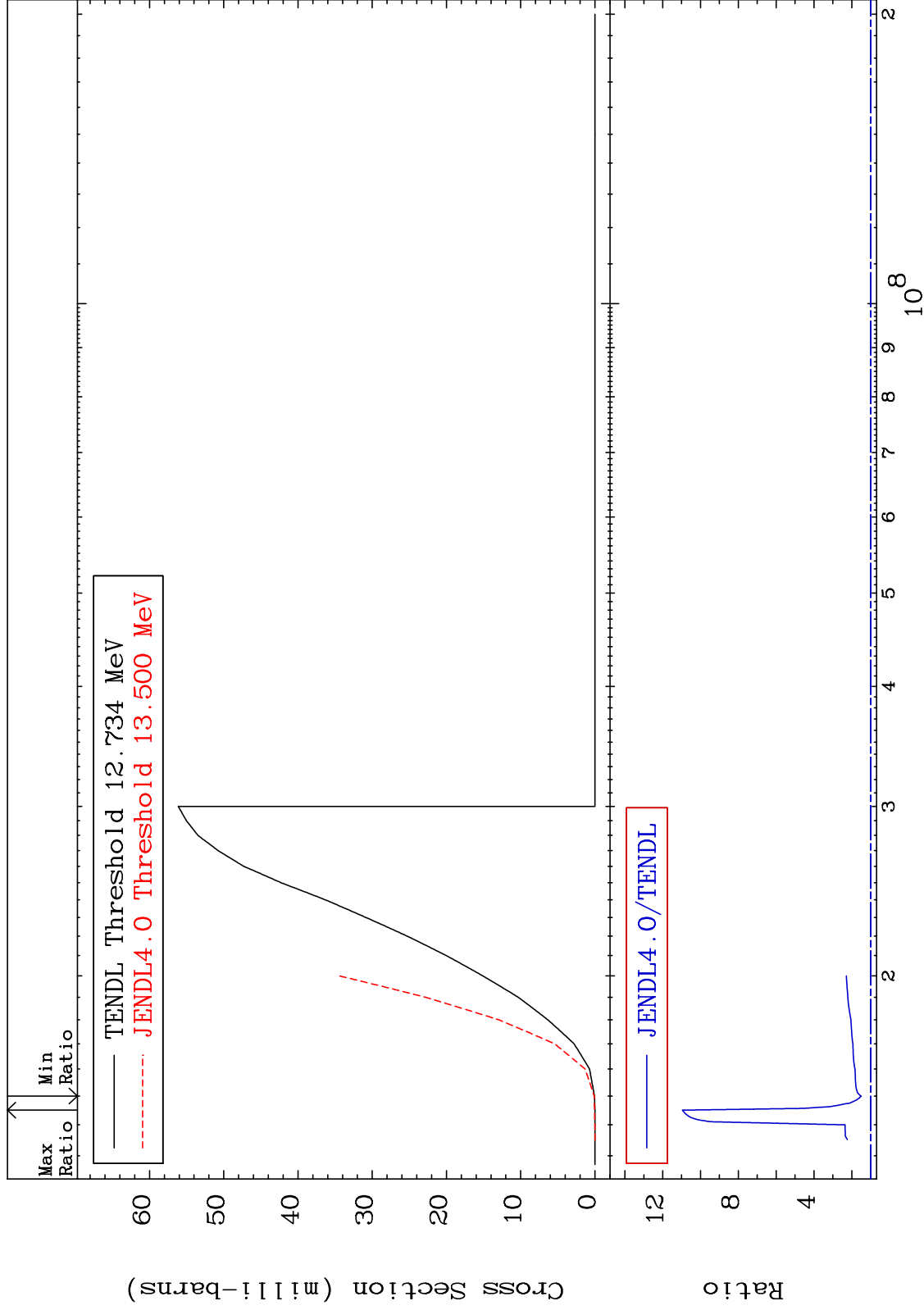


6 28-Ni-64

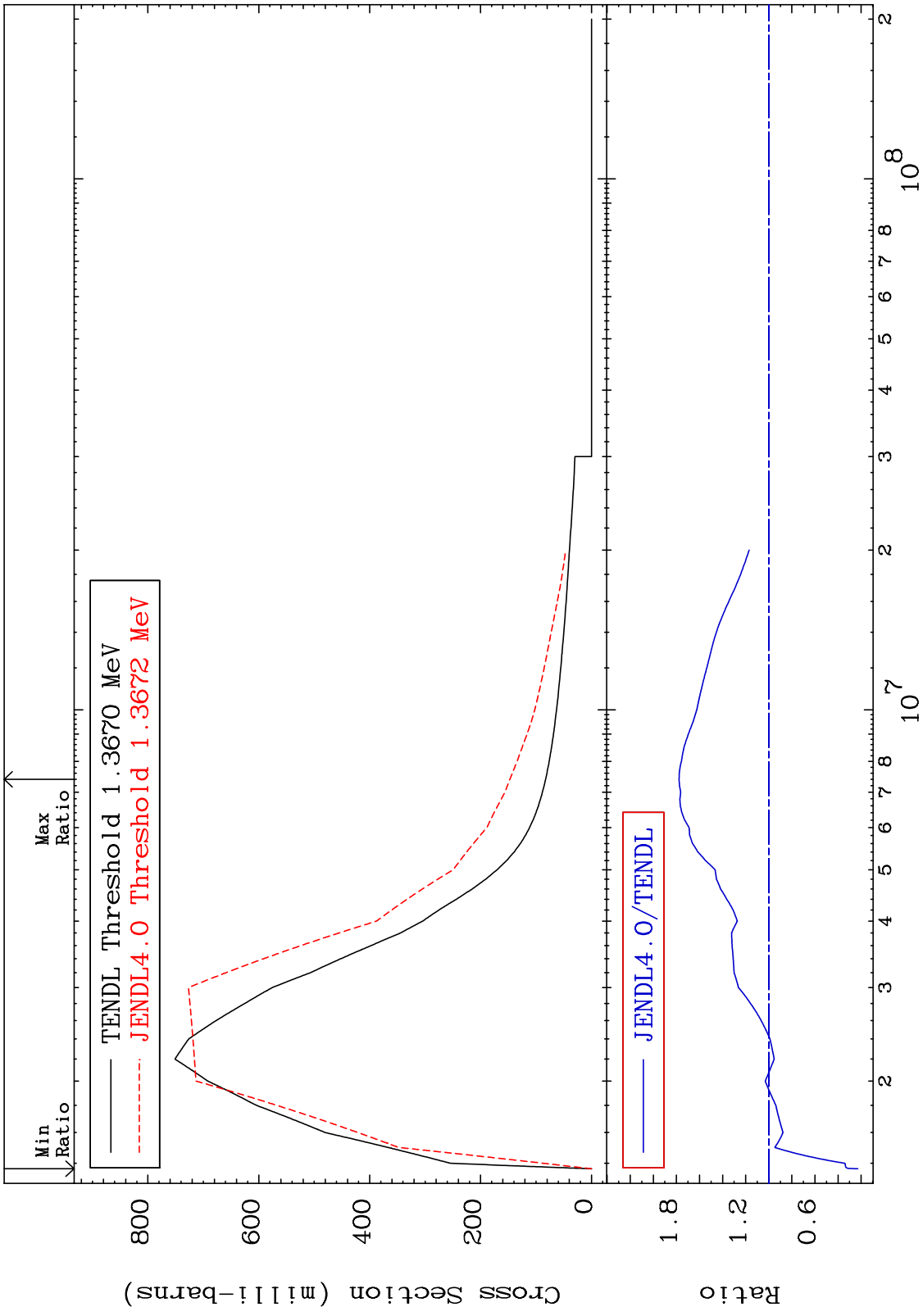
MAT 2843

(n,n') p
Cross Section

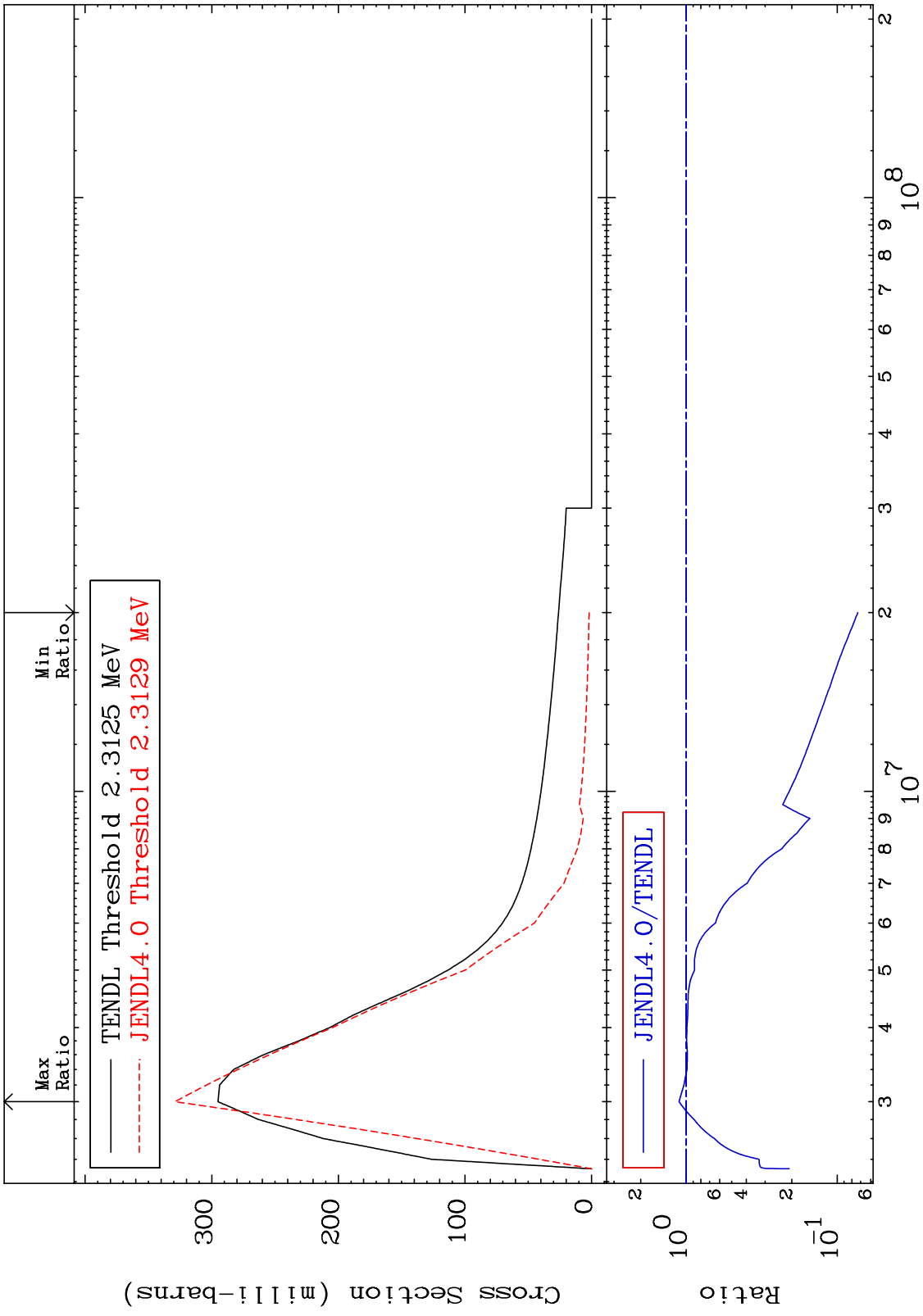
28-Ni-64
49.56 To 995.6 %



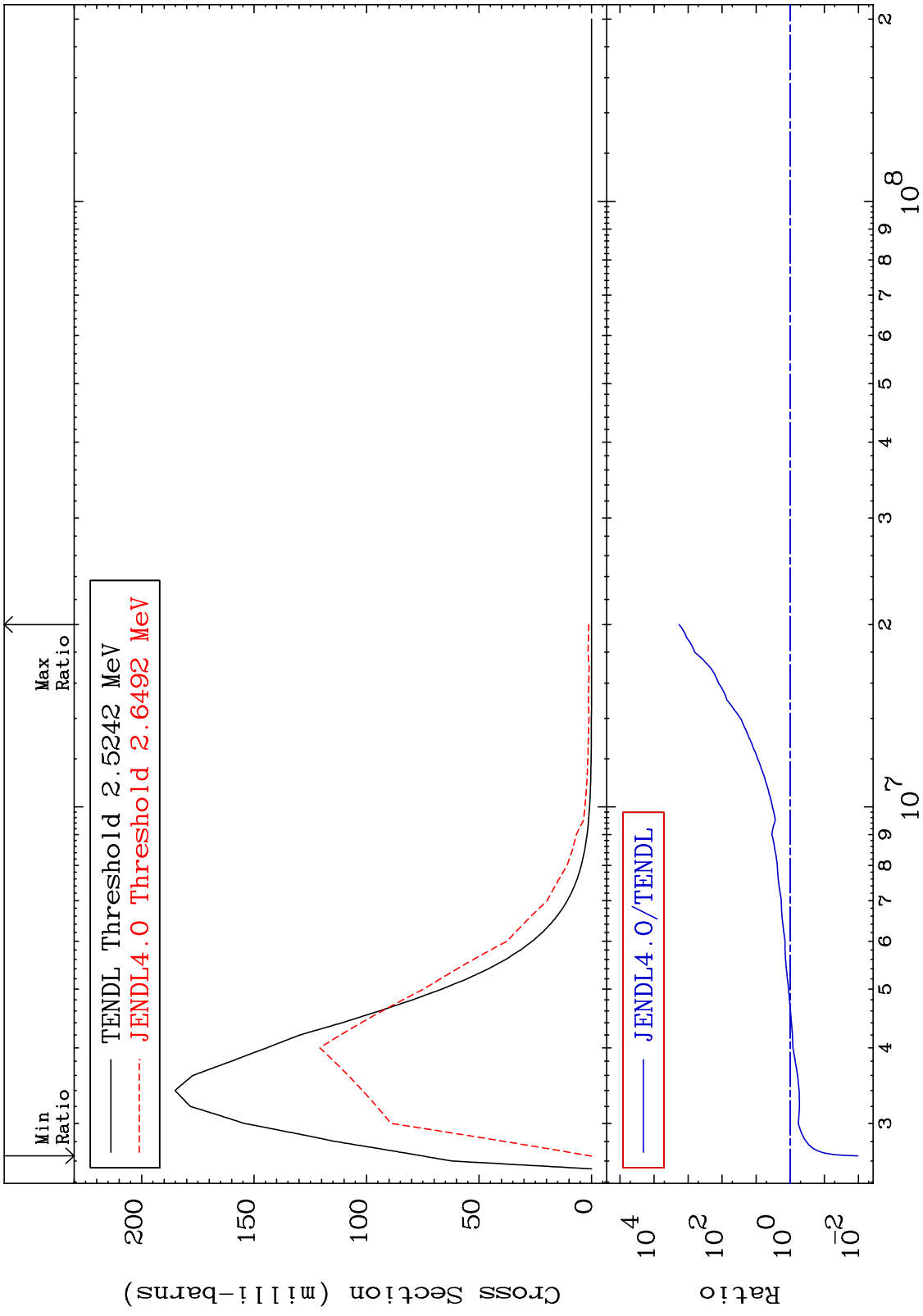
MAT 2843 MT= 51 (n,n') Level Cross Section -77.14 To 77.72 % 28-Ni-64



MAT 2843 MT= 52 (n,n') Level Cross Section 28-Ni-64 -92.70 To 11.53 %

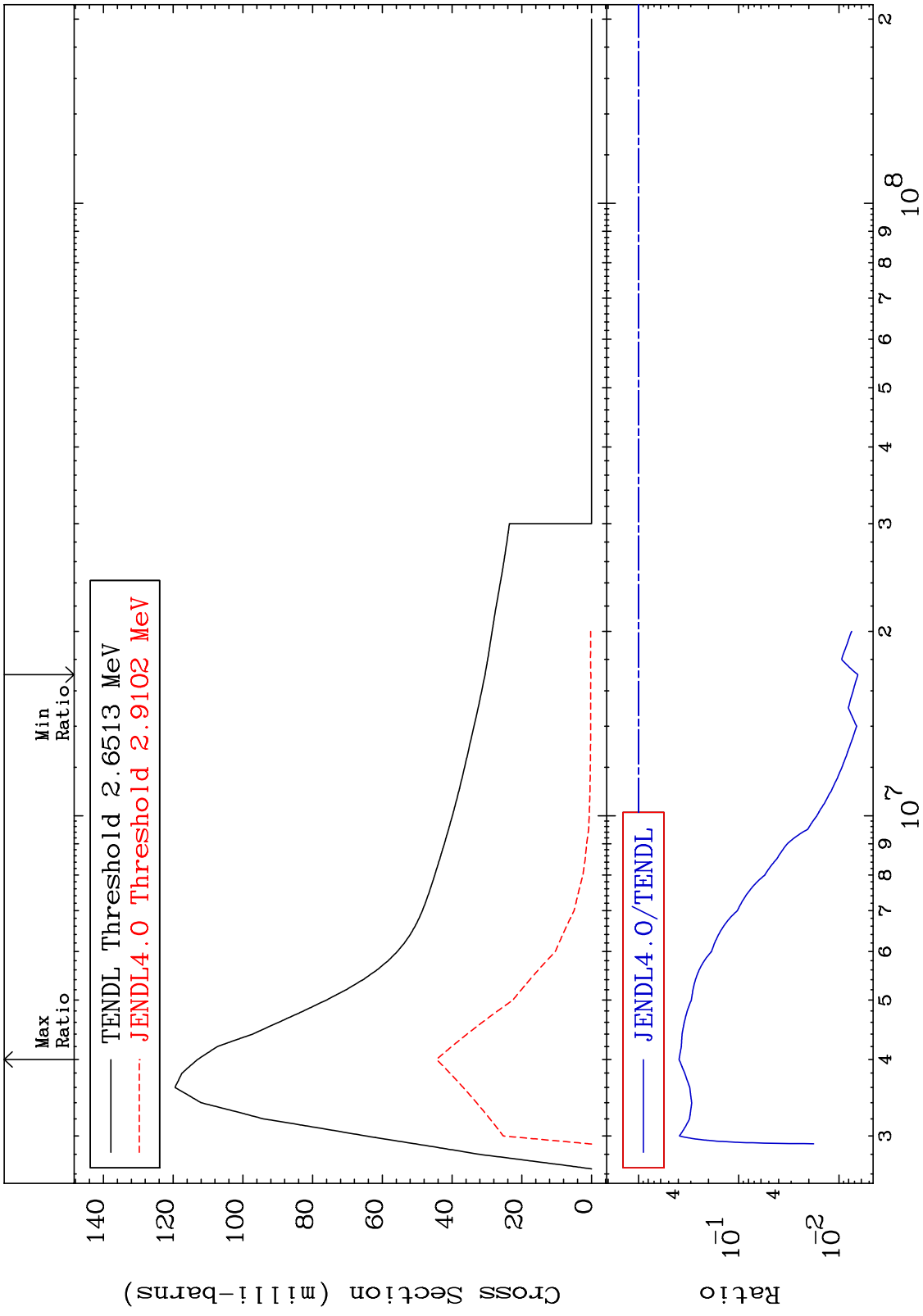


MAT 2843 MT= 53 (n,n') Level Cross Section 28-Ni-64
 -98.96 To 9999. %

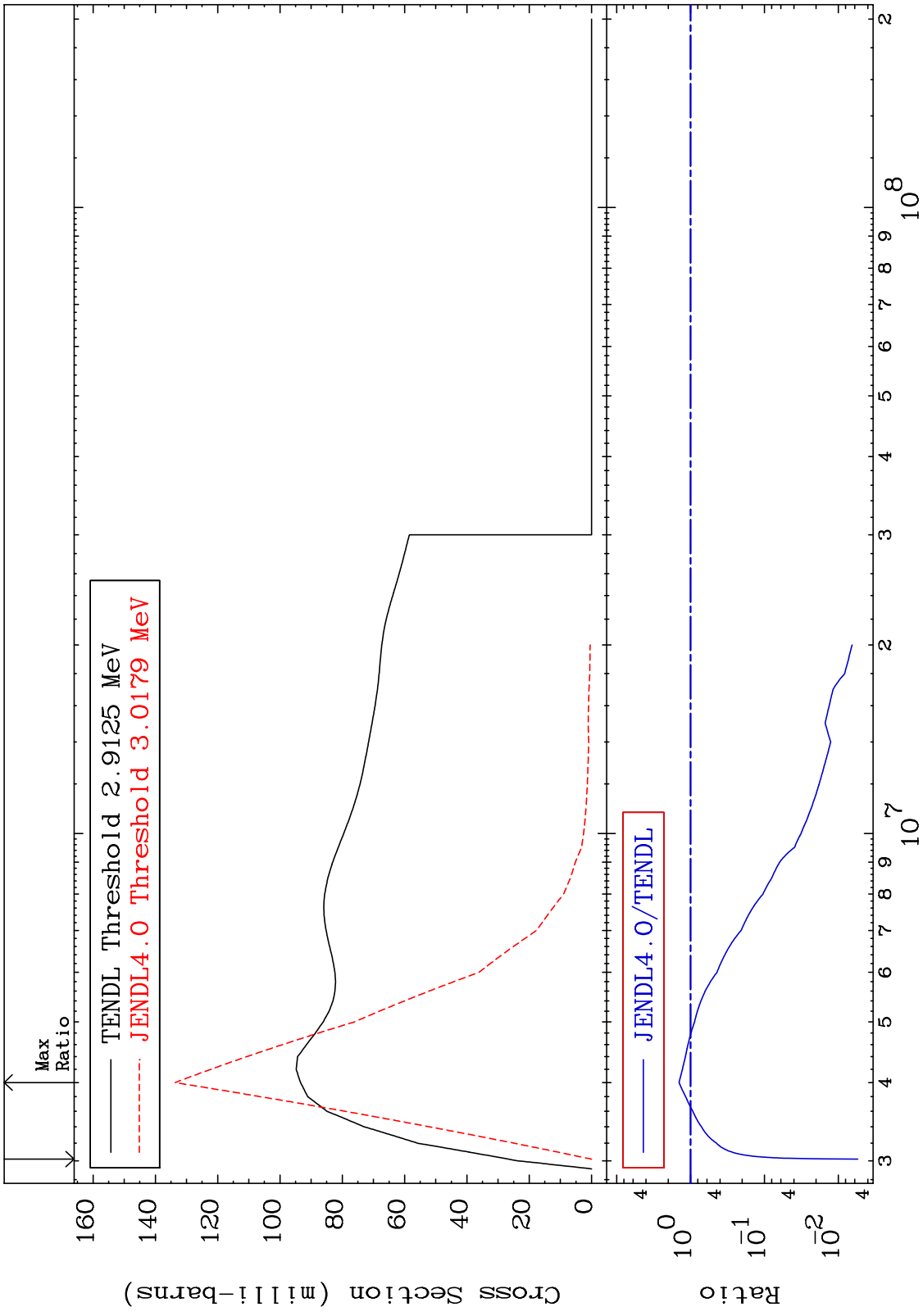


10 28-Ni-64

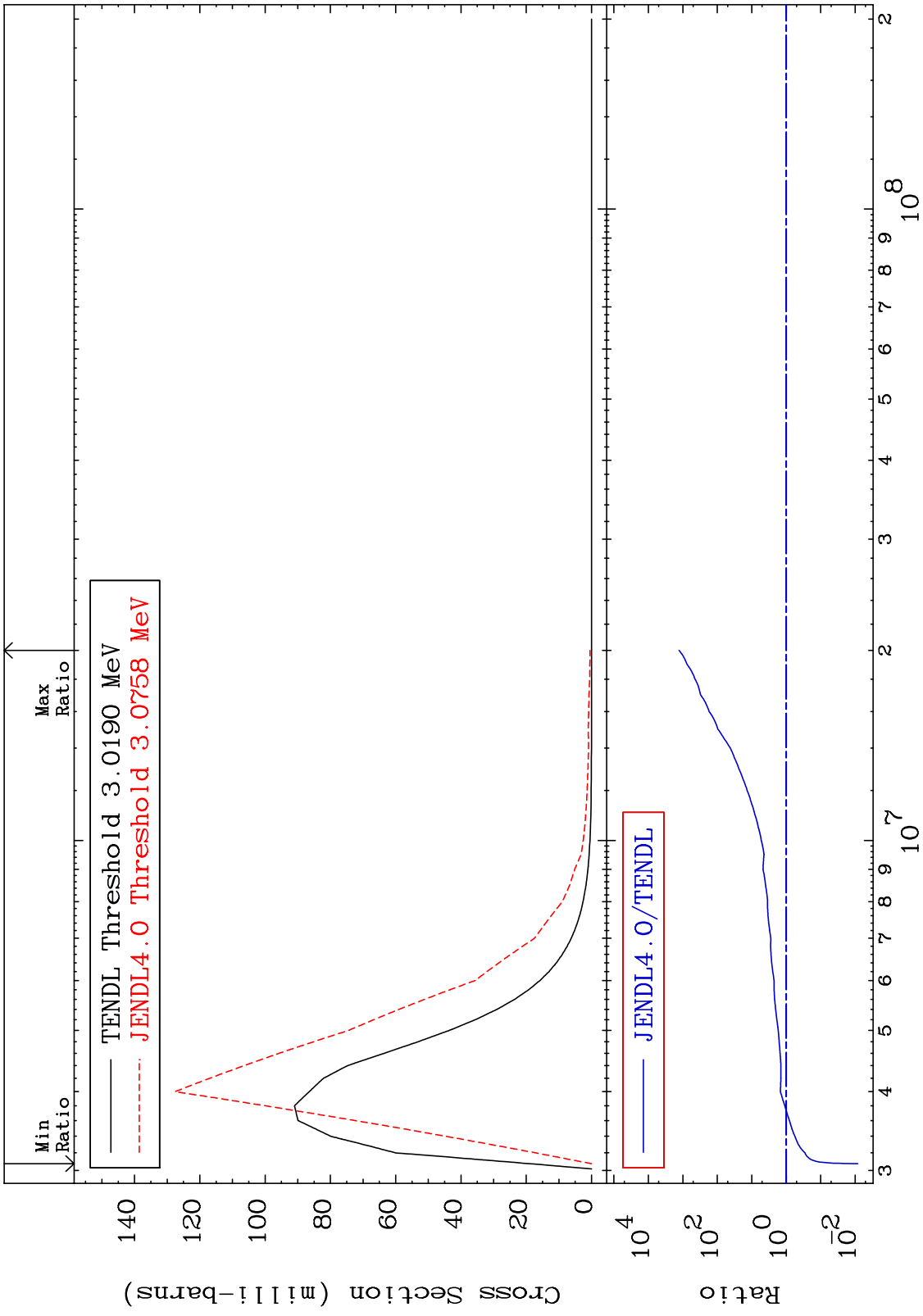
MAT 2843 MT= 54 (n,n') Level Cross Section 28-Ni-64
 -99.35 To -60.65%



MAT 2843 MT= 55 (n,n') Level Cross Section 28-Ni-64 -99.45 To 43.16 %

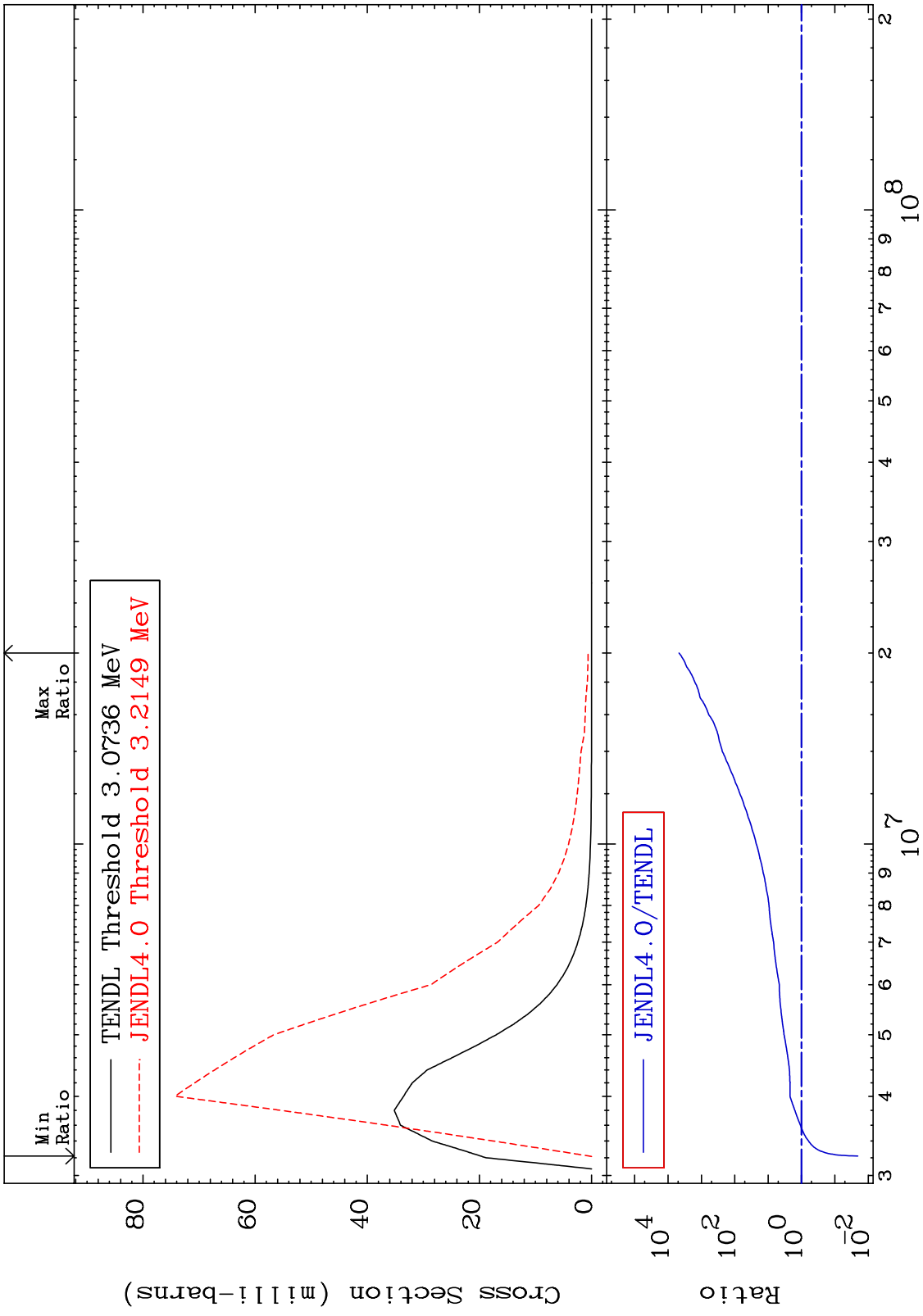


MAT 2843 MT= 56 (n,n') Level 28-Ni-64
 Cross Section -99.17 To 9999. %

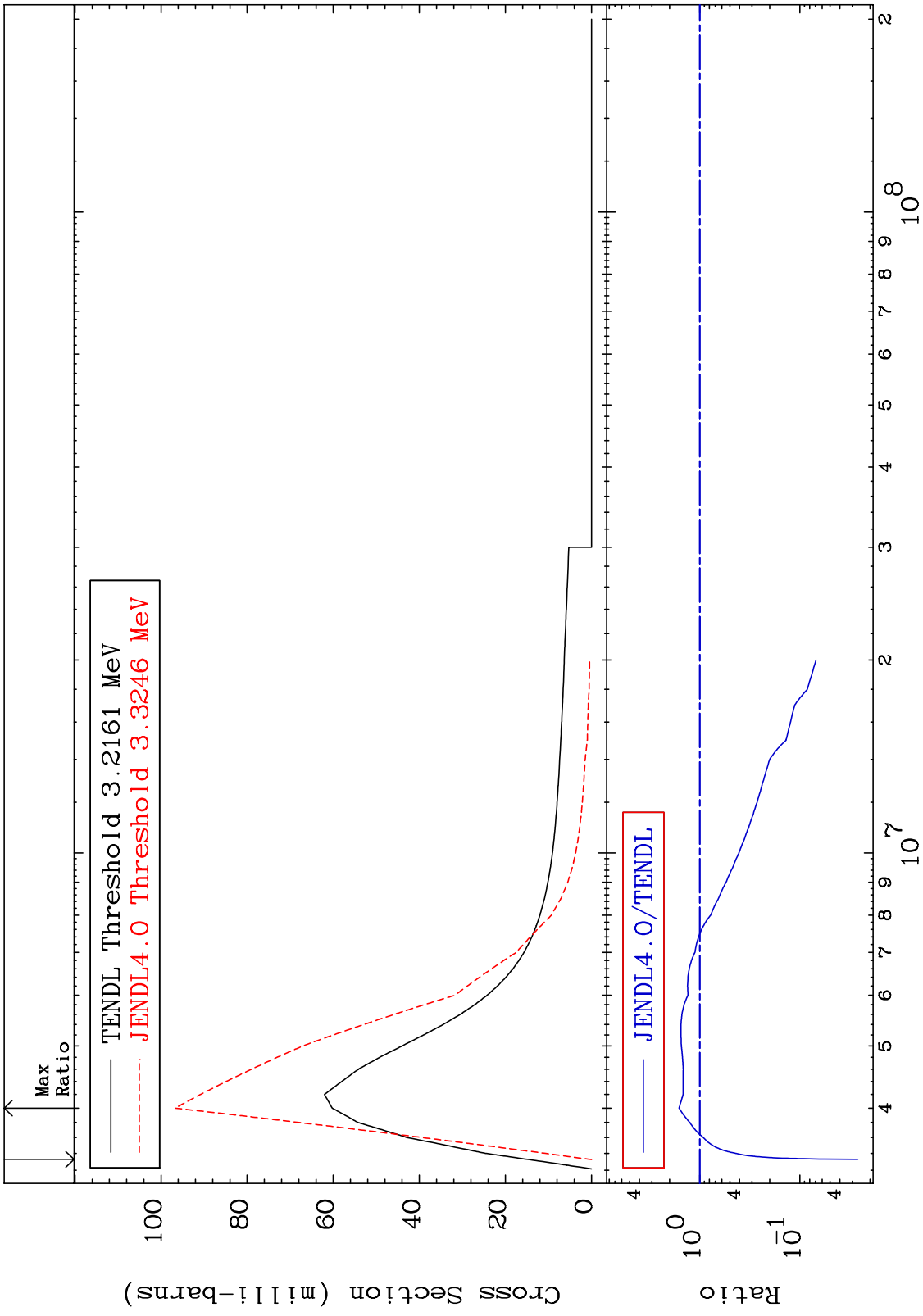


13 Incident Energy (eV) 28-Ni-64

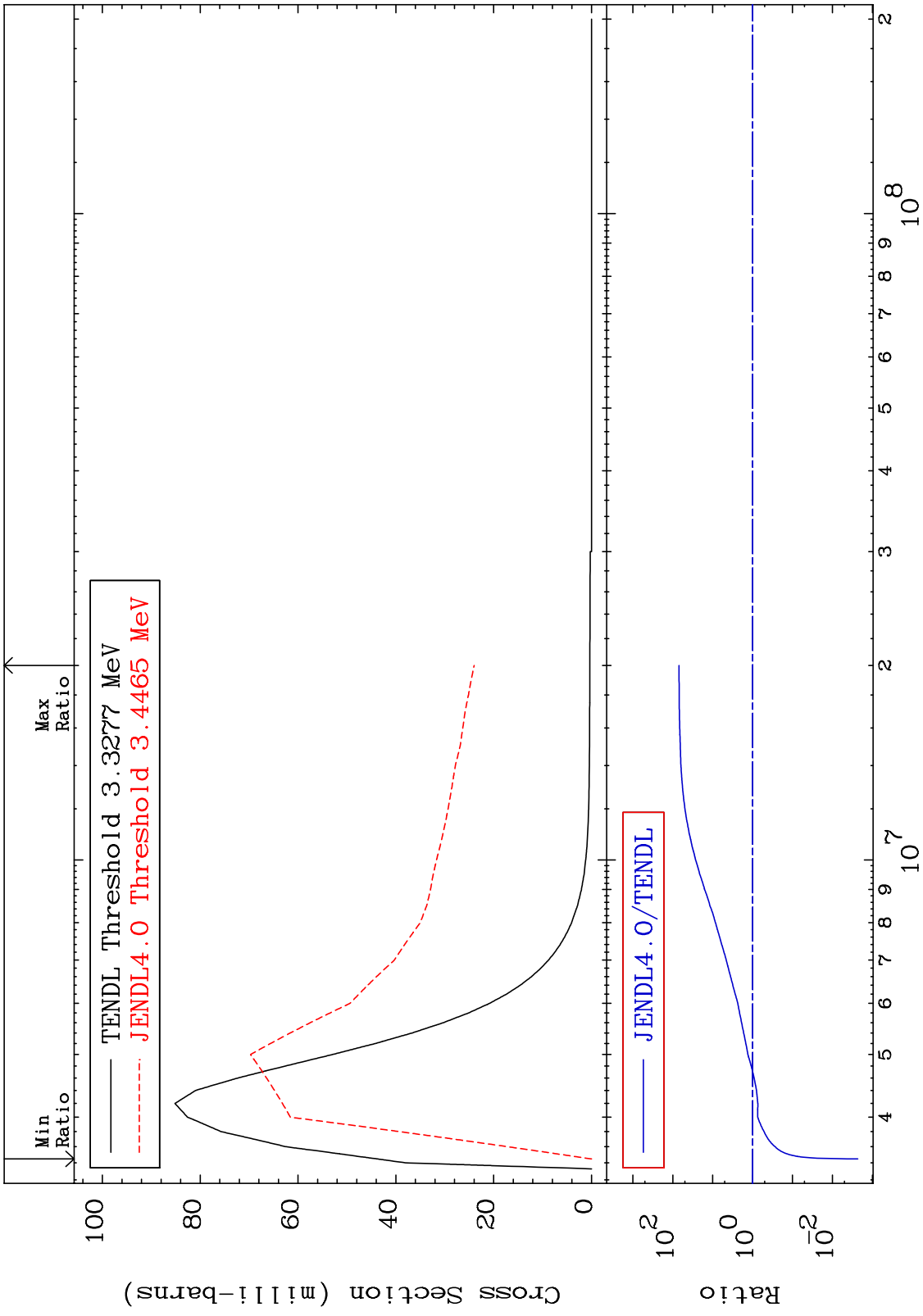
MAT 2843 MT= 57 (n,n') Level Cross Section 28-Ni-64
 -97.95 To 9999. %



MAT 2843 MT= 58 (n,n') Level Cross Section 28-Ni-64 -97.36 To 60.66 %

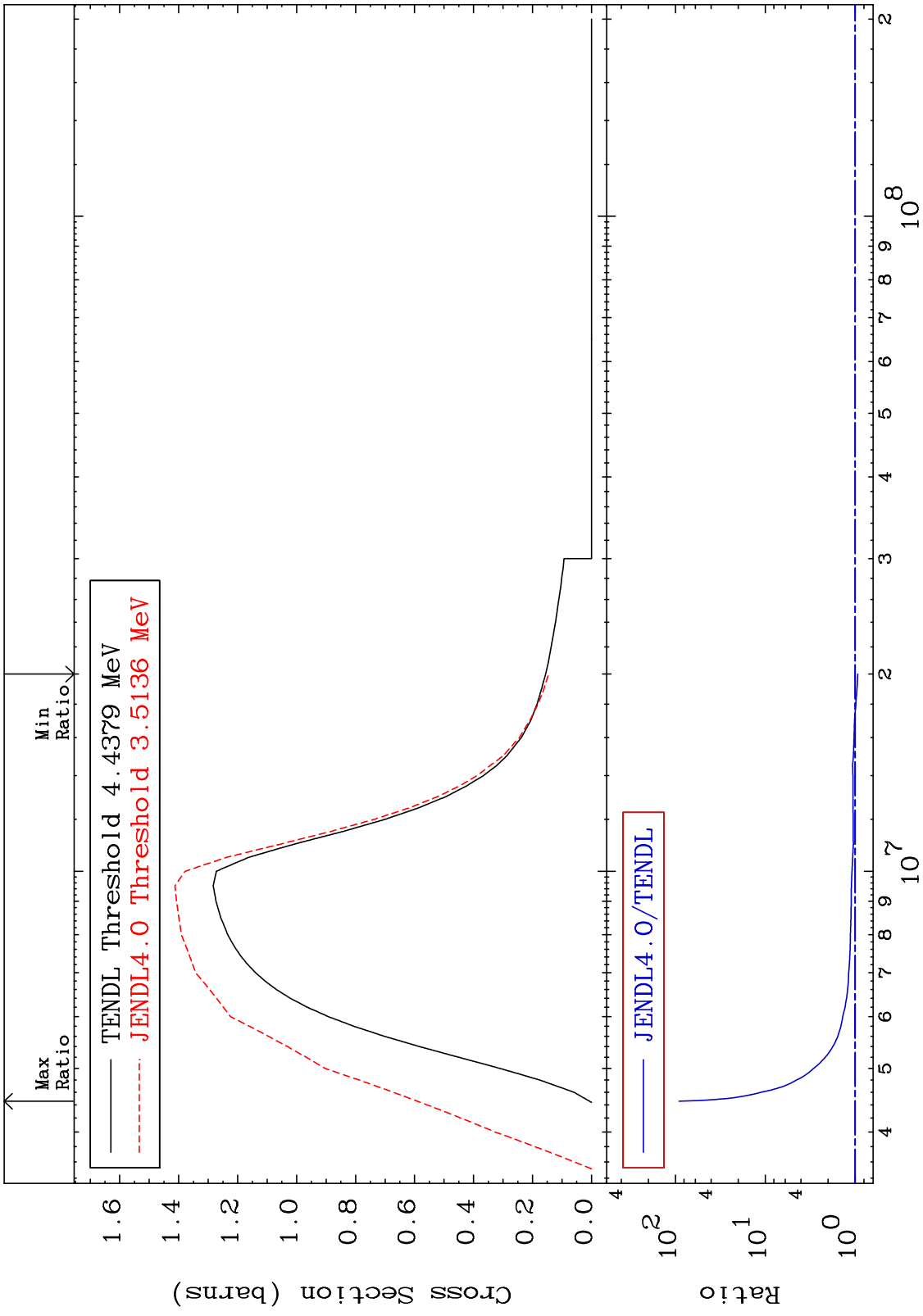


MAT 2843 MT= 59 (n,n') Level Cross Section 28-Ni-64 -99.77 To 6886. %

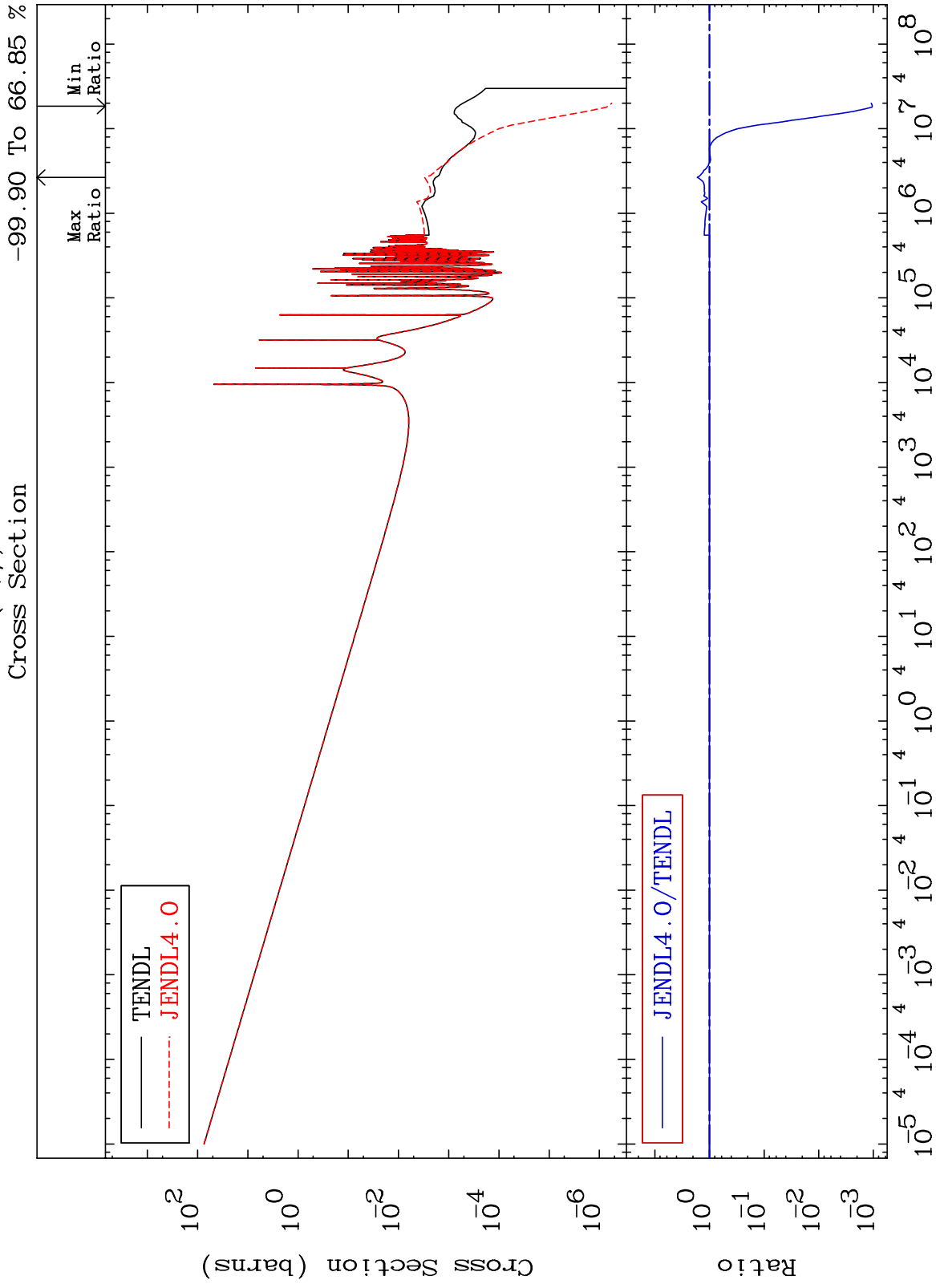


16 28-Ni-64

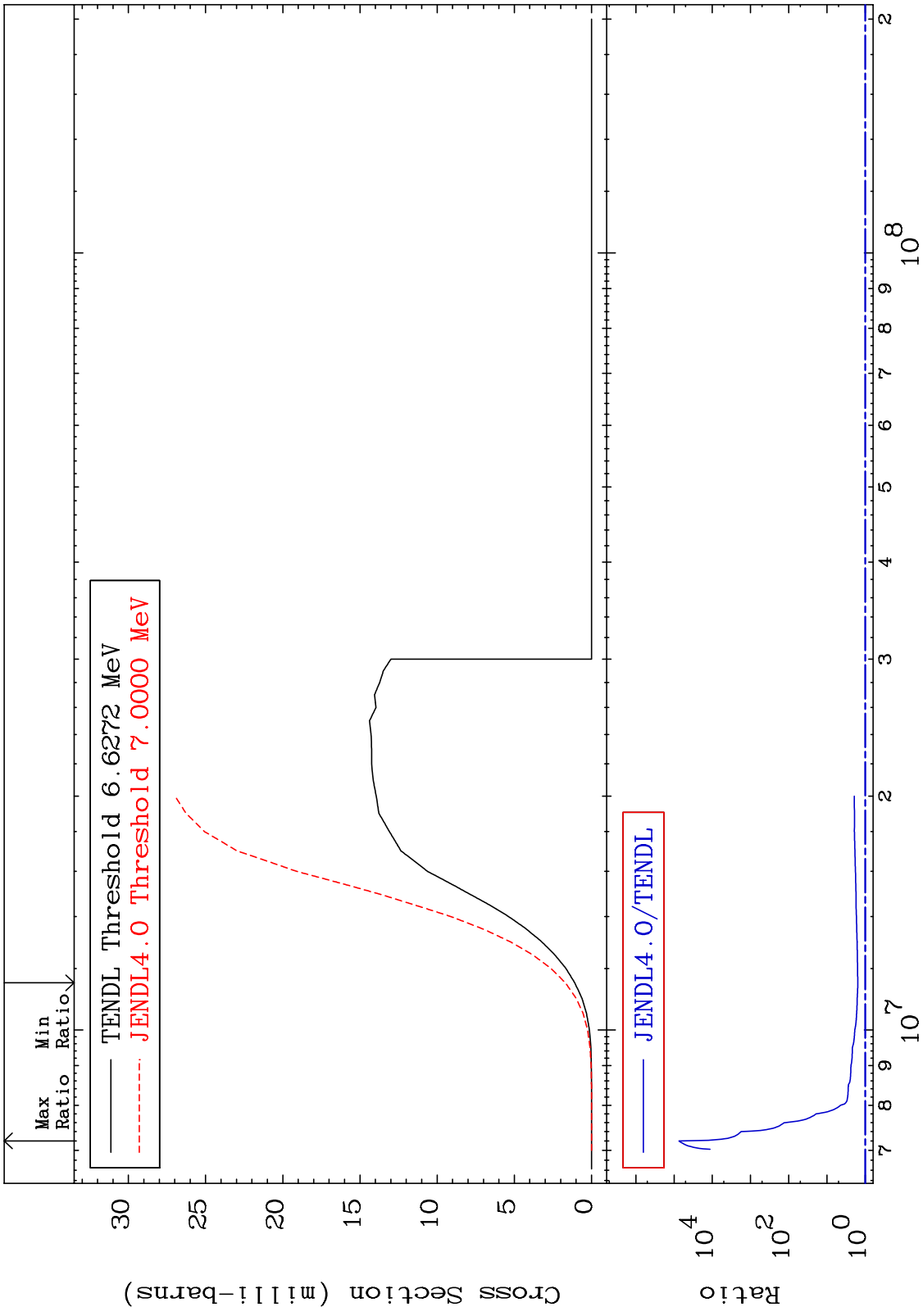
MAT 2843 (n,n') Continuum Cross Section 28-Ni-64 -6.733 To 9003. %



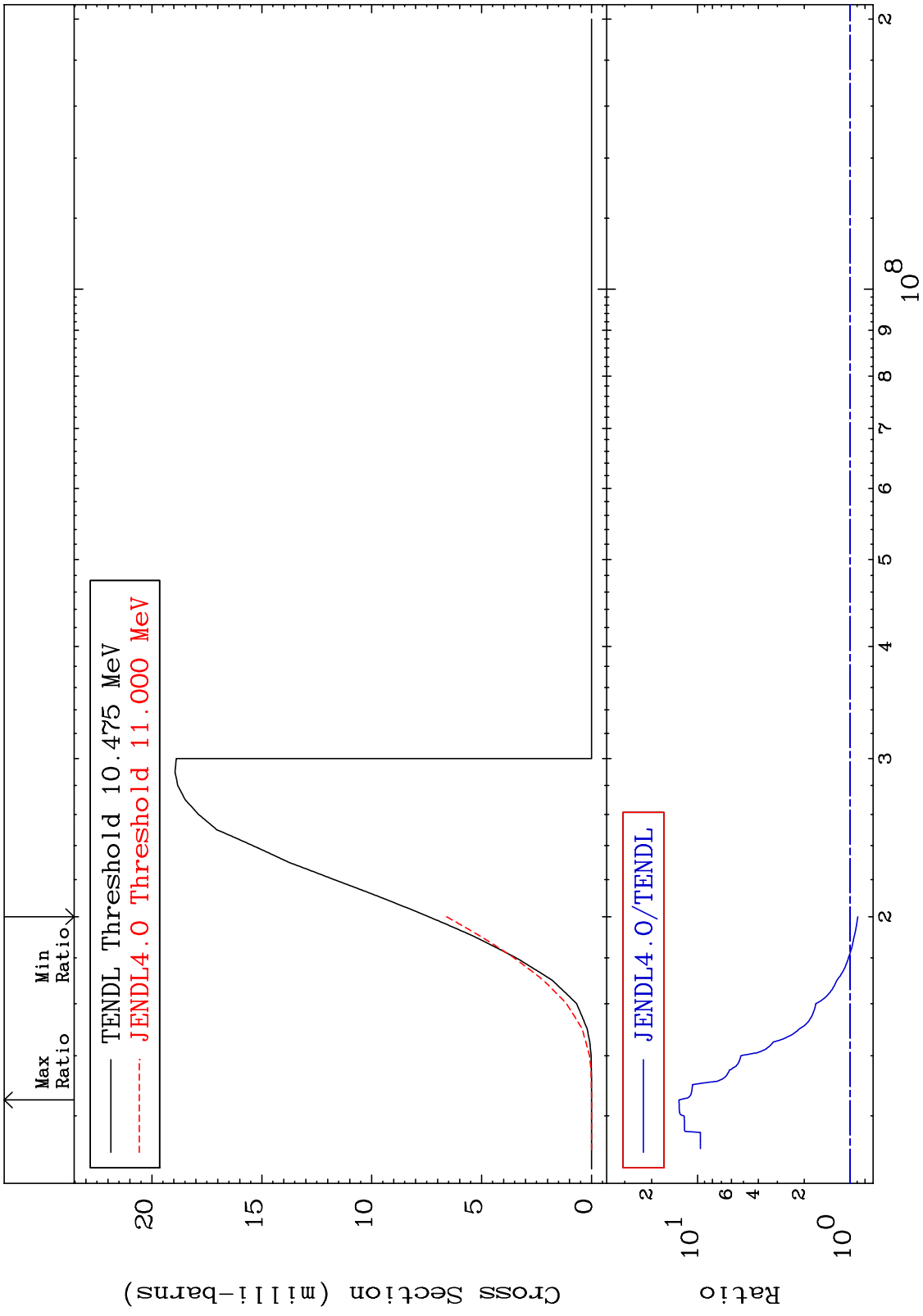
MAT 2843 (n, γ) 28-Ni-64 -99.90 To 66.85 %

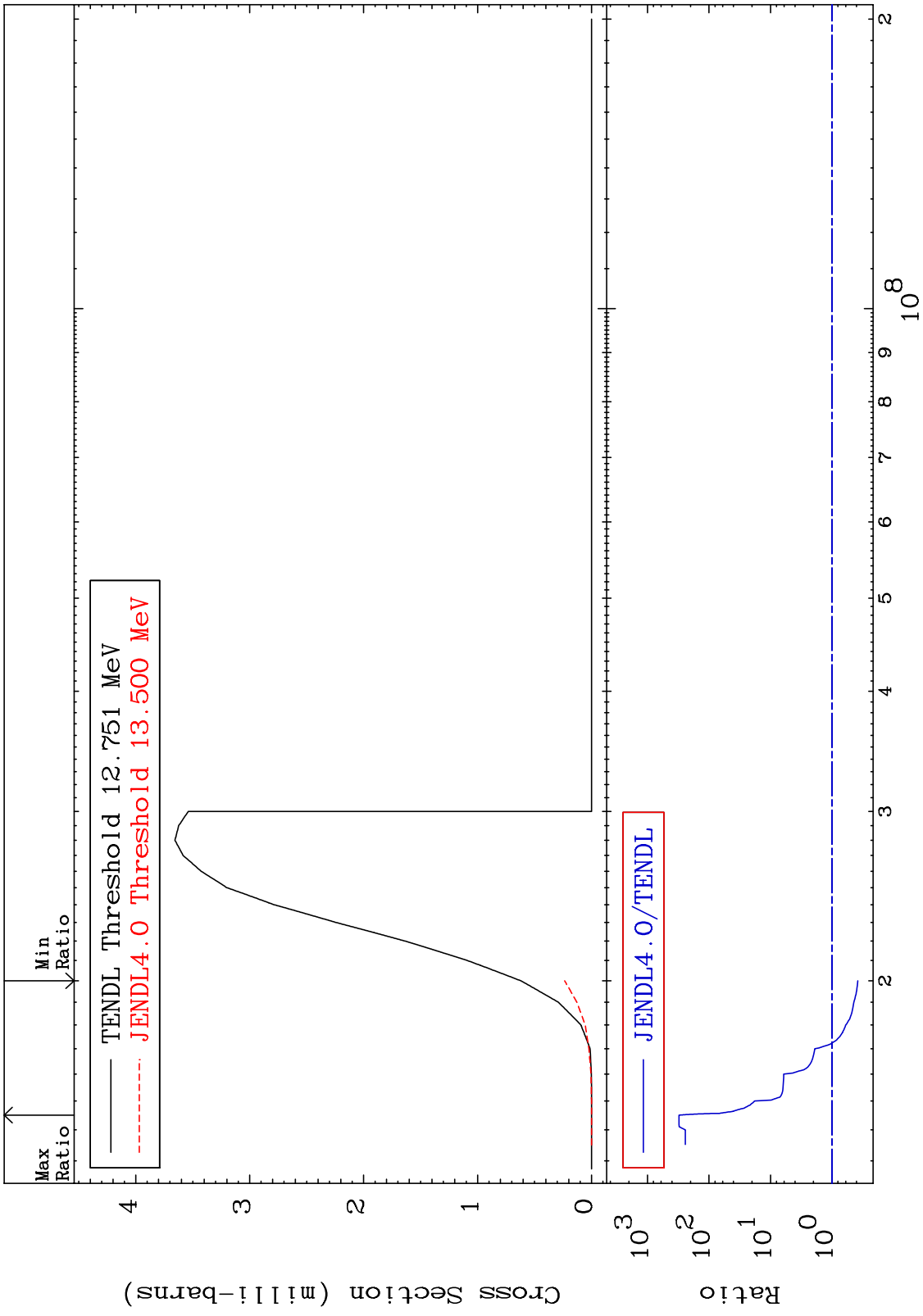


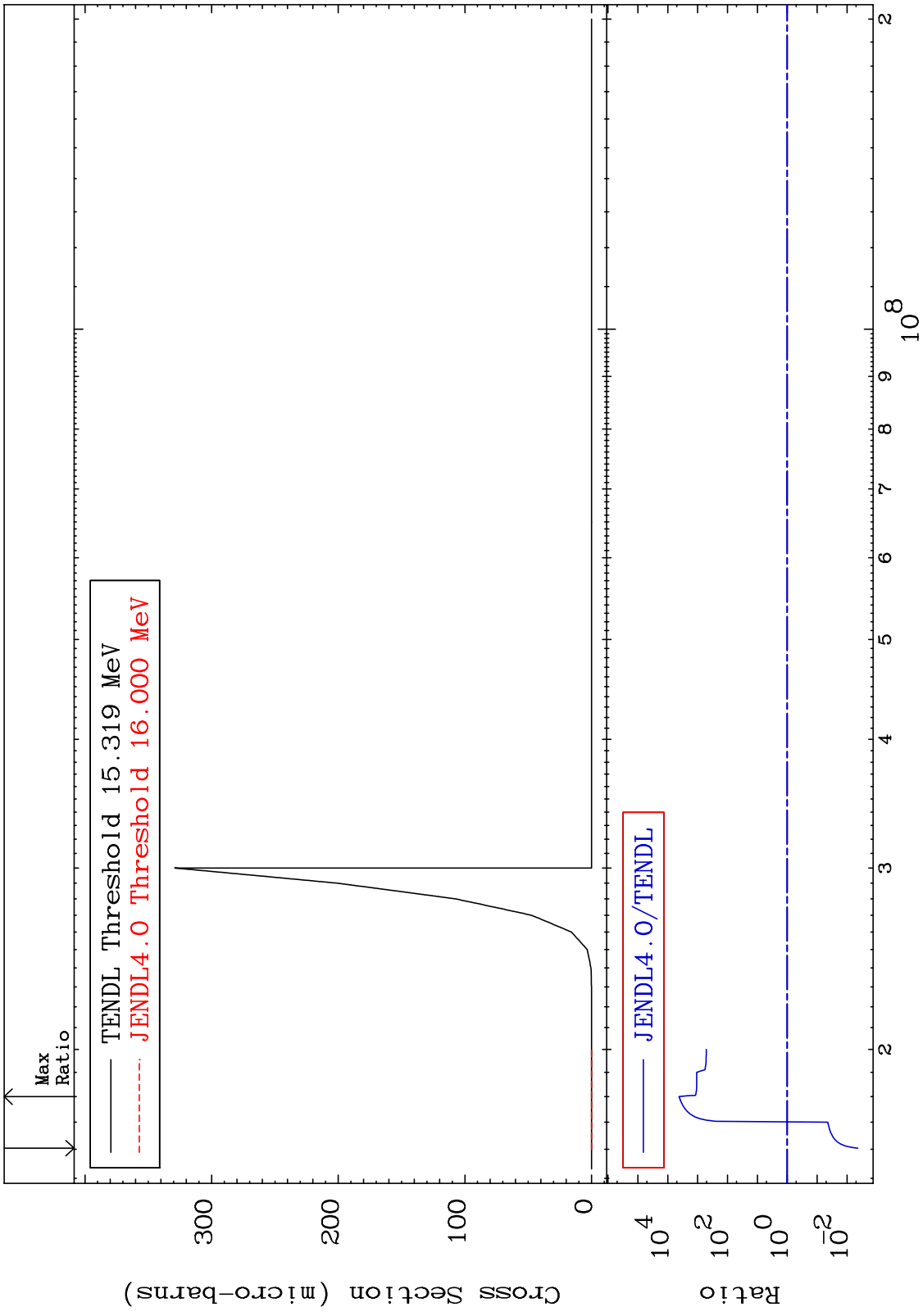
MAT 2843 (n,p) Cross Section 28-Ni-64 55.67 To 9999. %



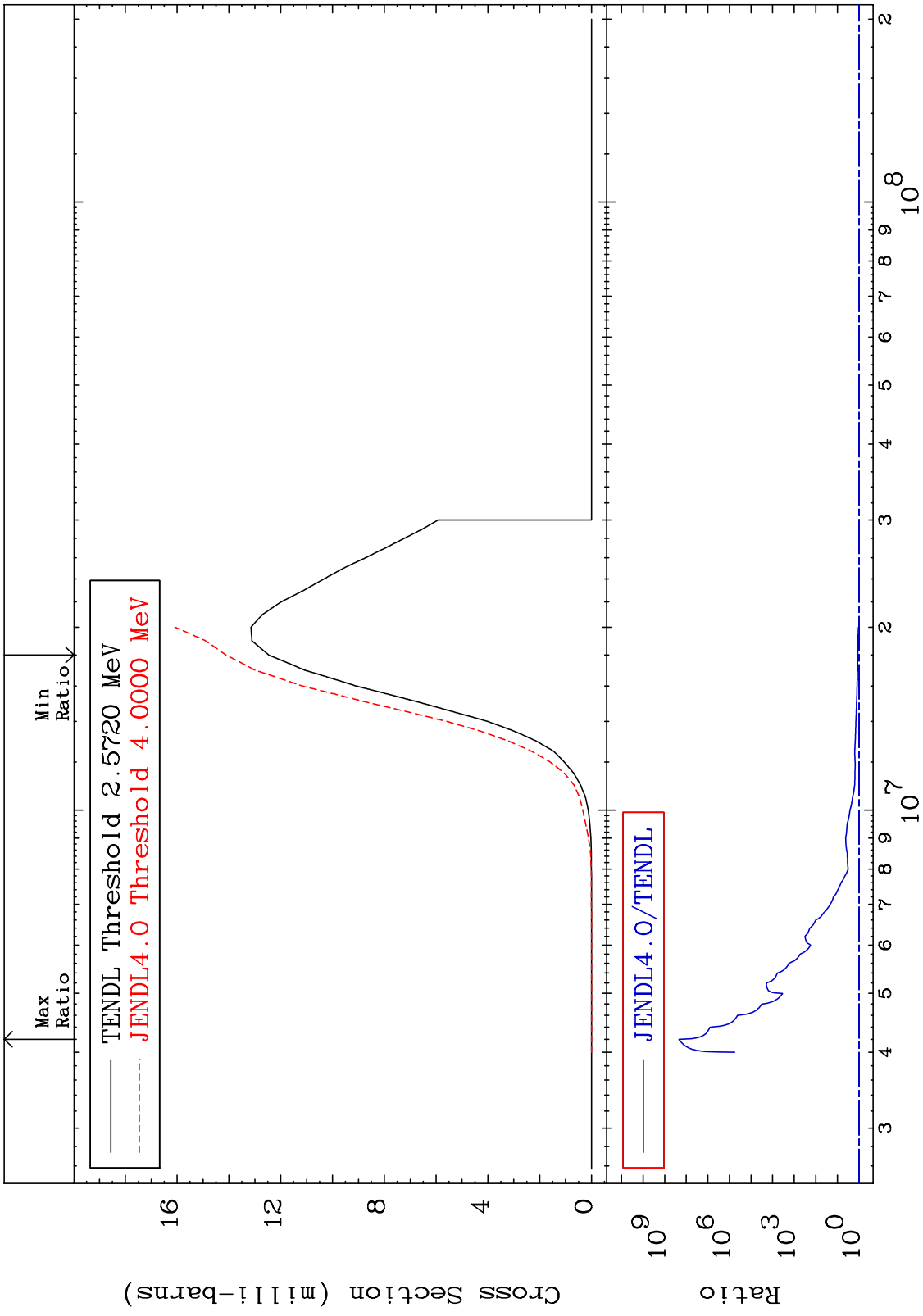
19 28-Ni-64







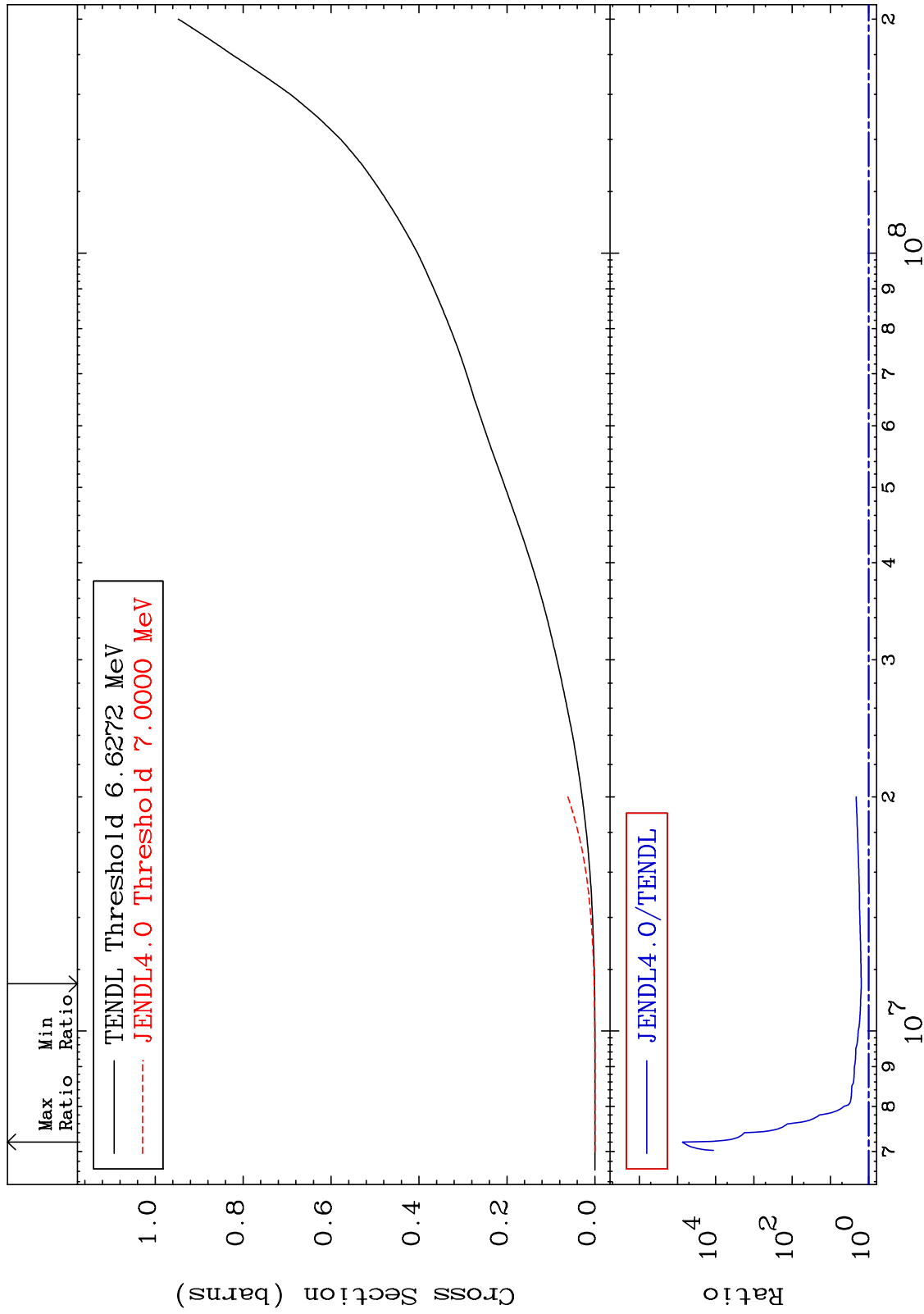
MAT 2843 (n, α) 28-Ni-64 13.21 To 9999. %

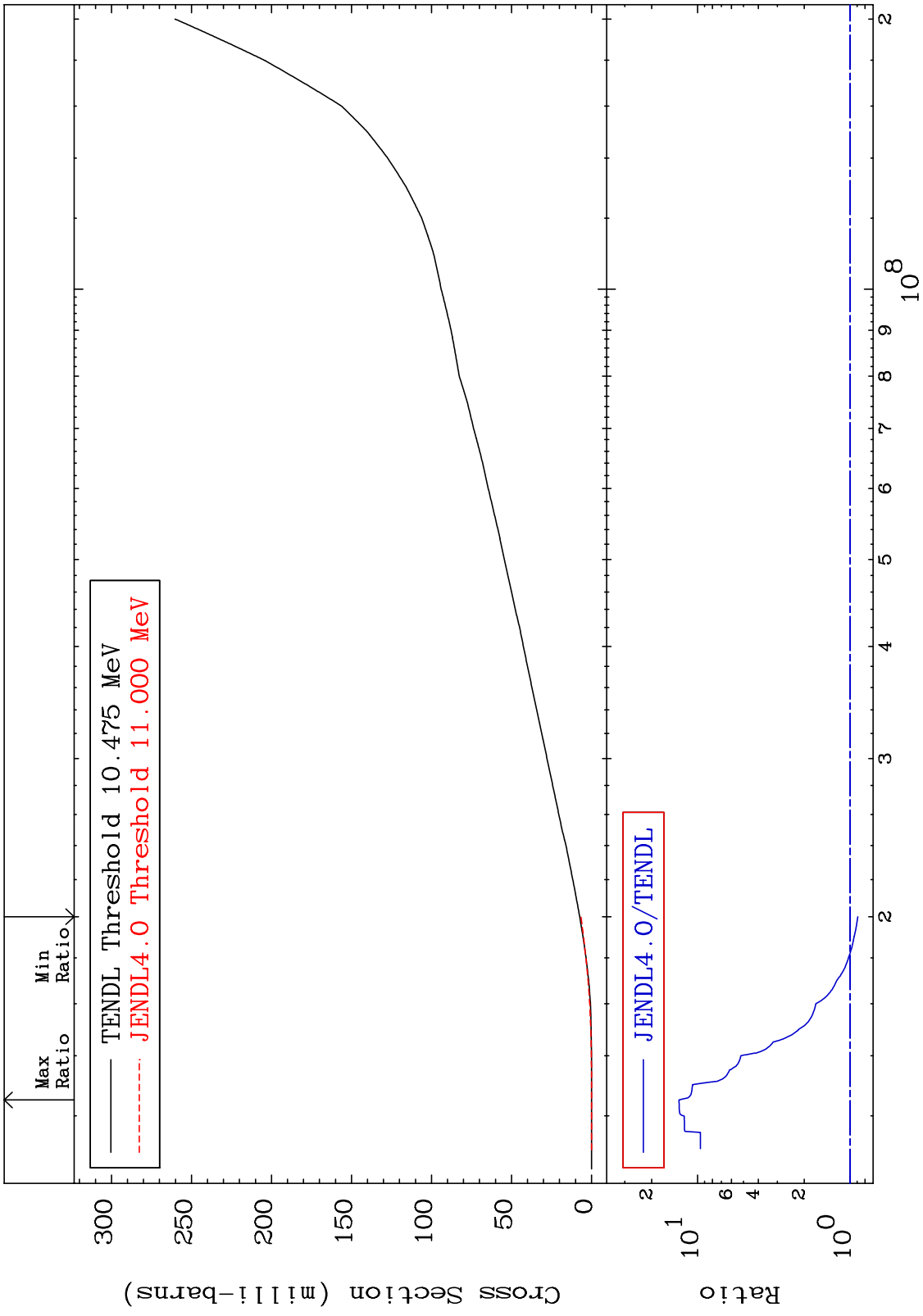


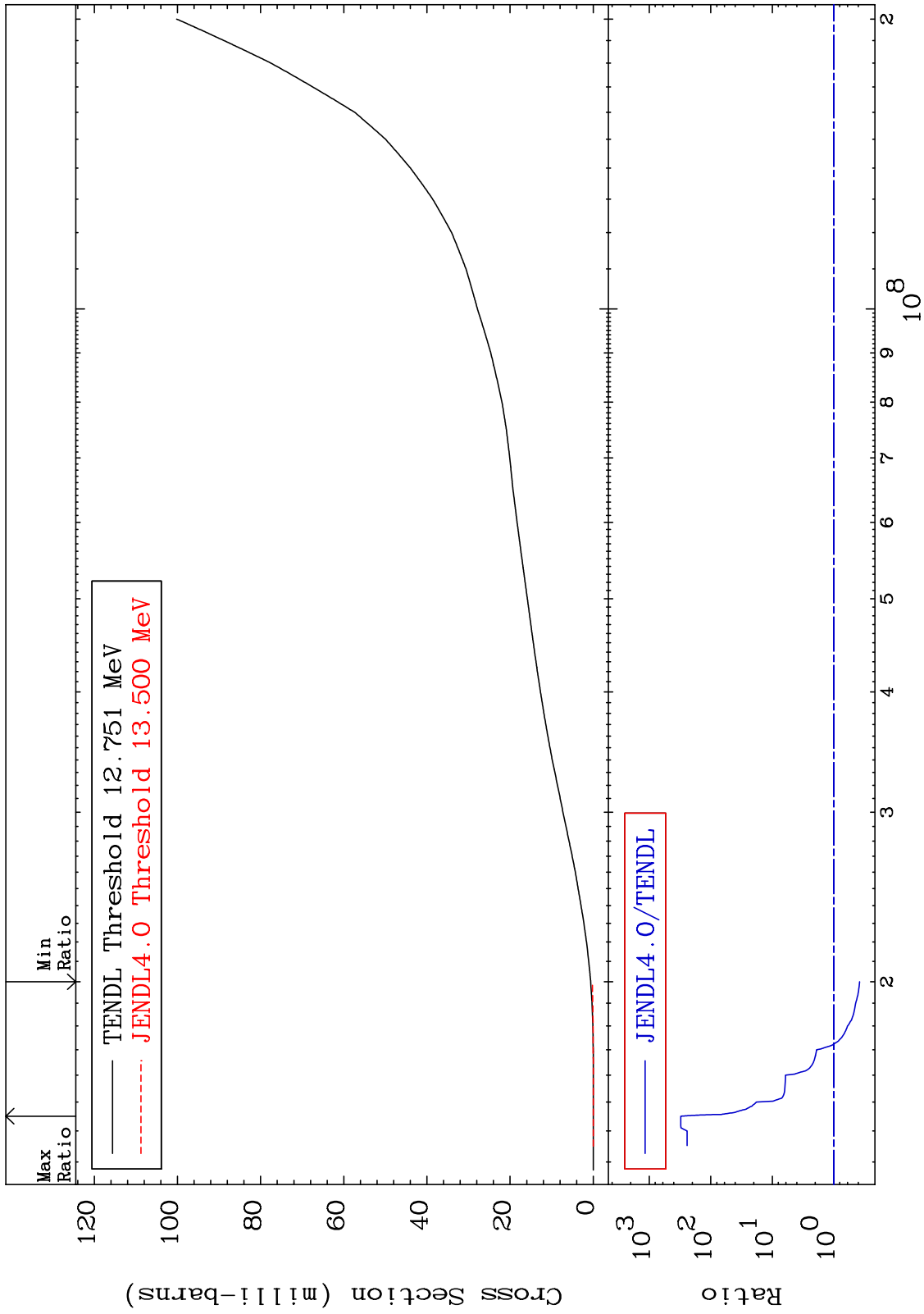
MAT 2843

Hydrogen Production
Cross Section

28-Ni-64
55.67 To 9999. %



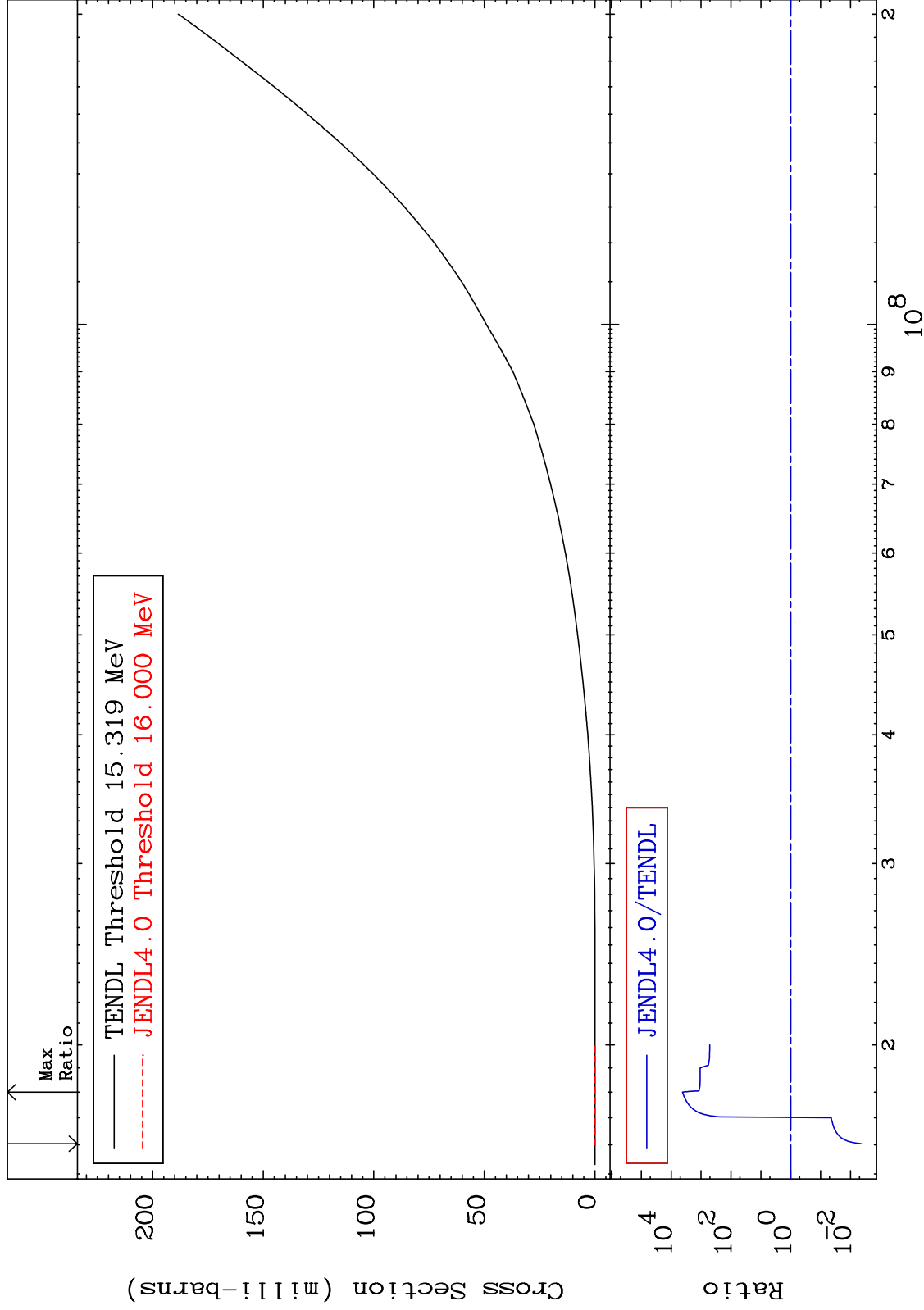




MAT 2843

He-3 Production
Cross Section

28-Ni-64
-99.57 To 9999. %



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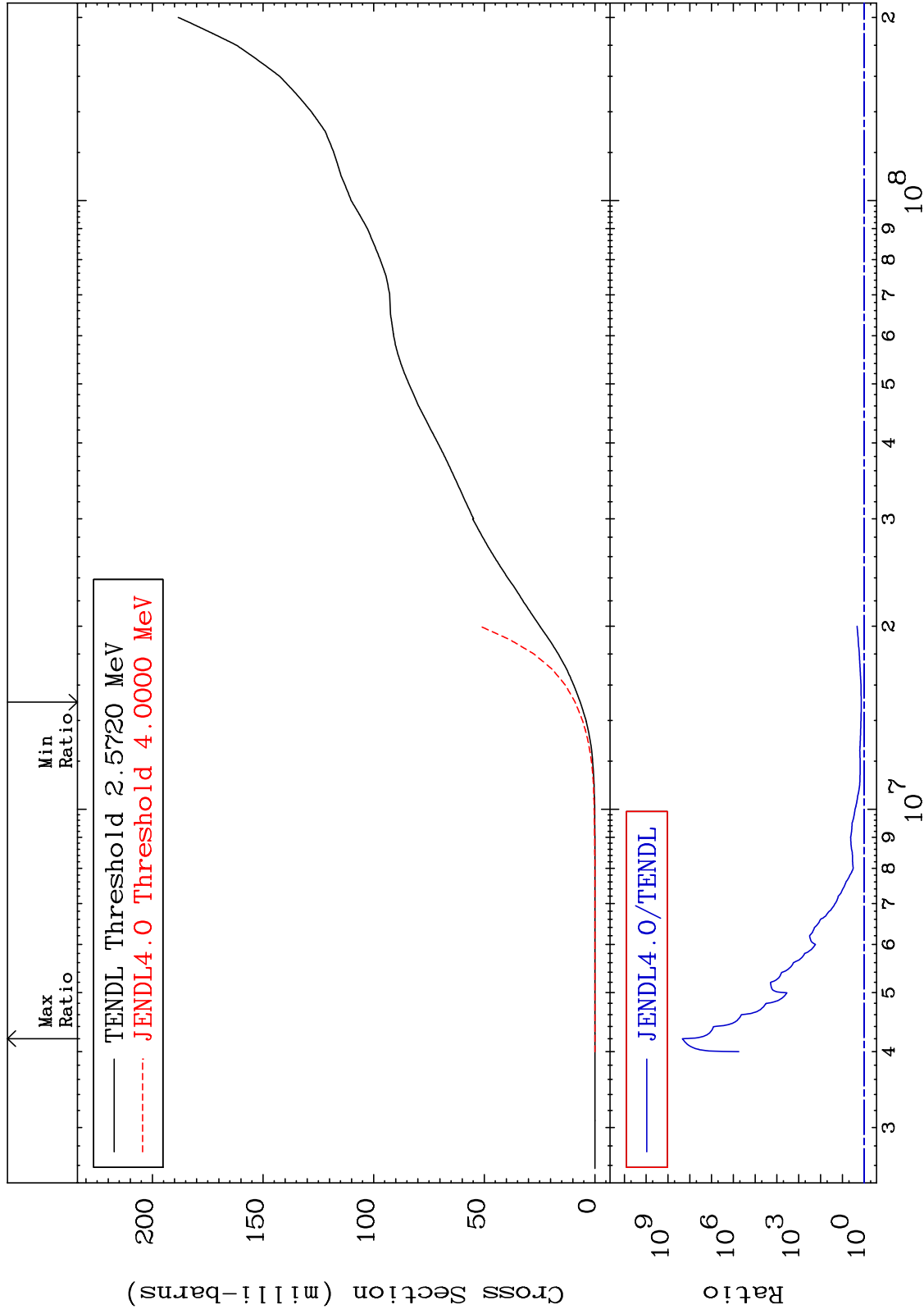
Incident Energy (eV)

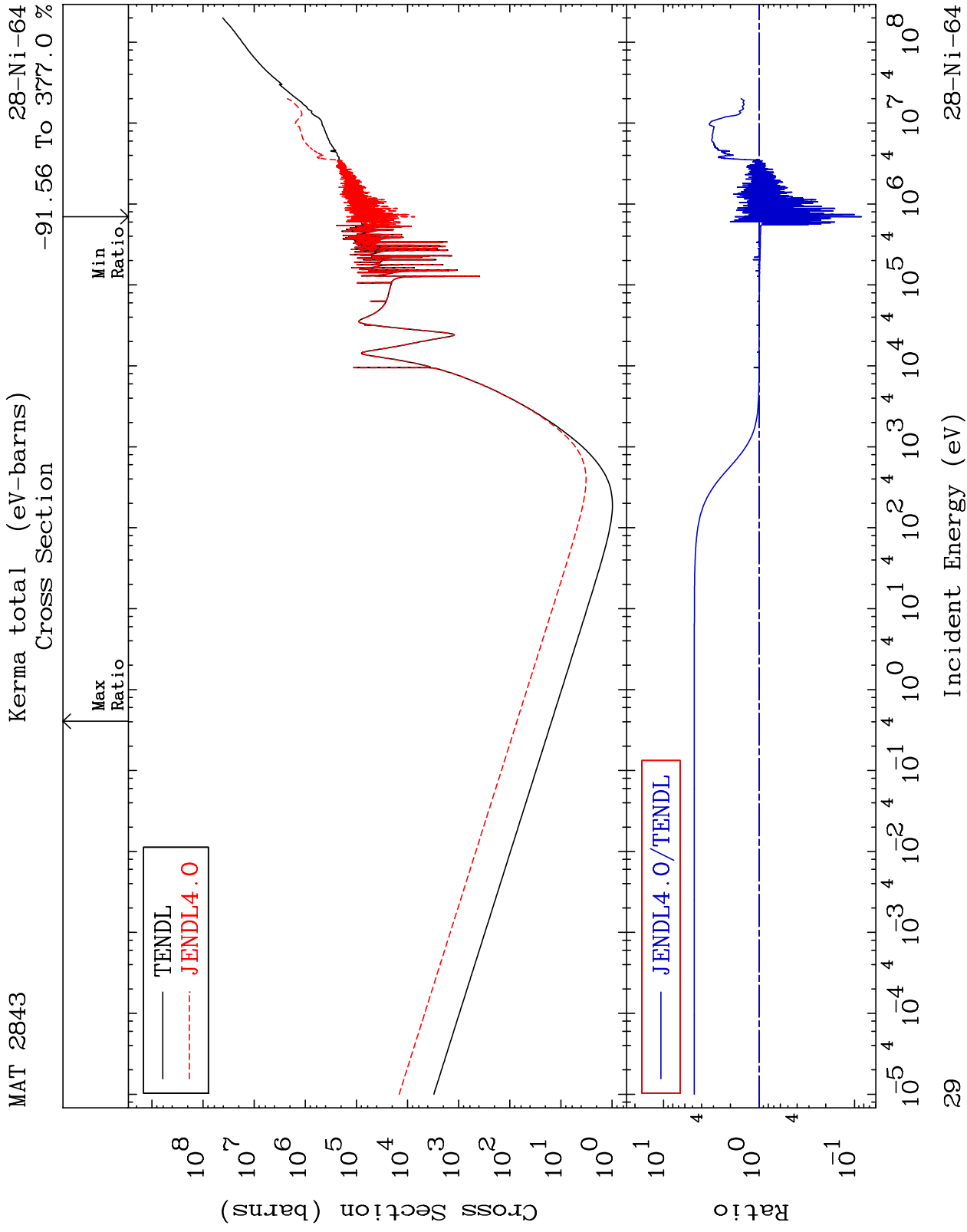
28-Ni-64

MAT 2843

He-4 Production
Cross Section

28-Ni-64
35.09 To 9999. %

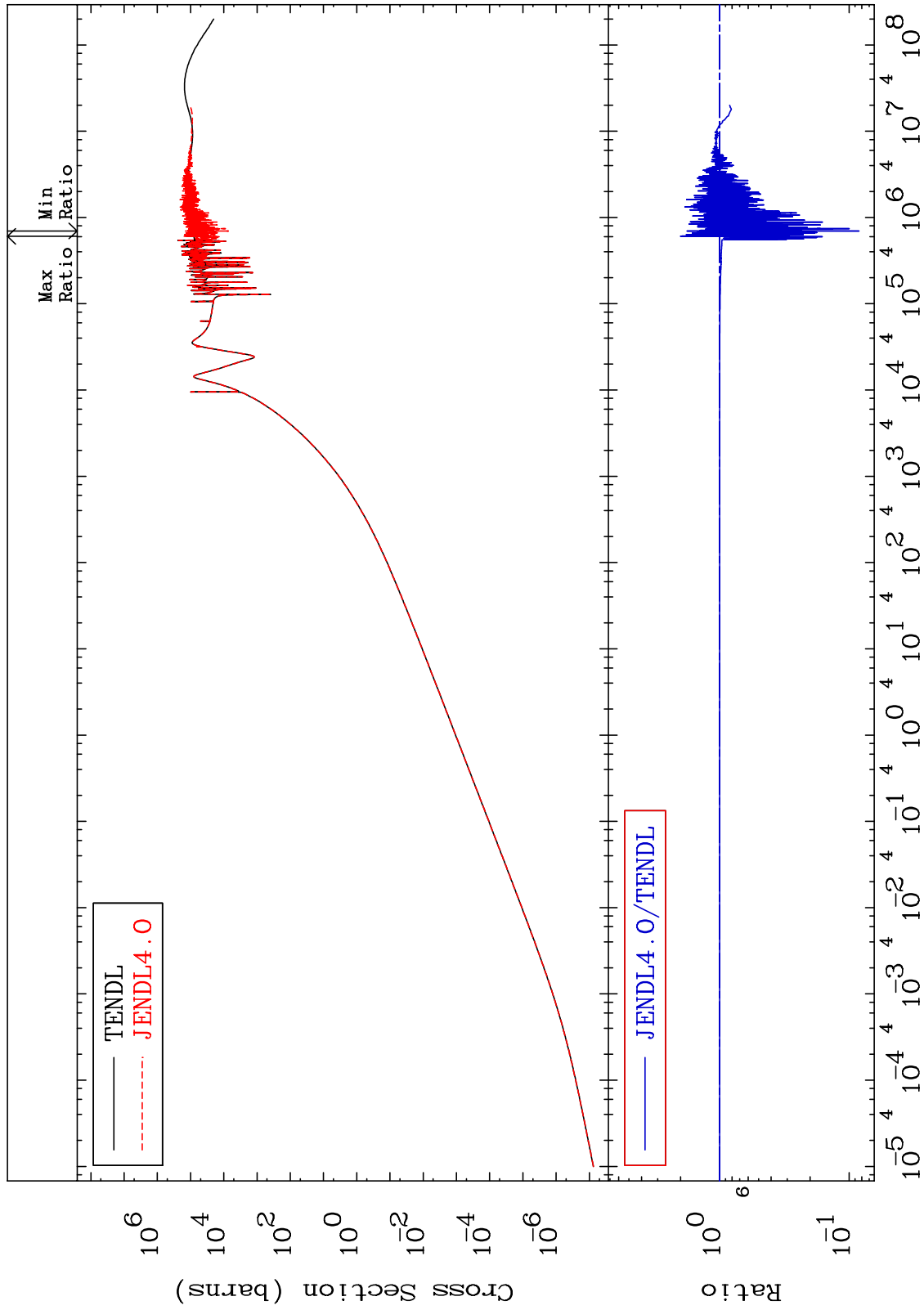




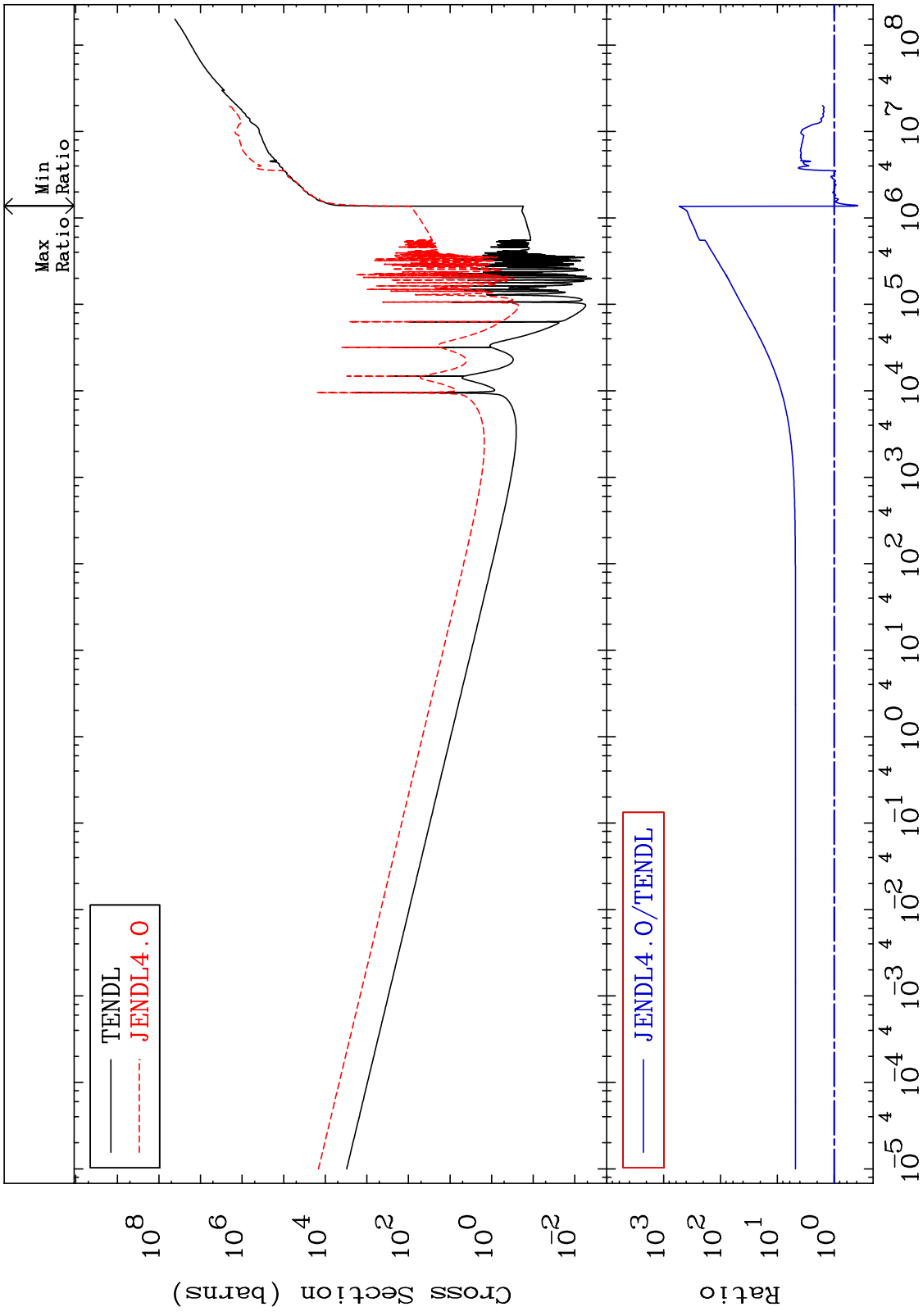
MAT 2843

Kerma elastic
Cross Section

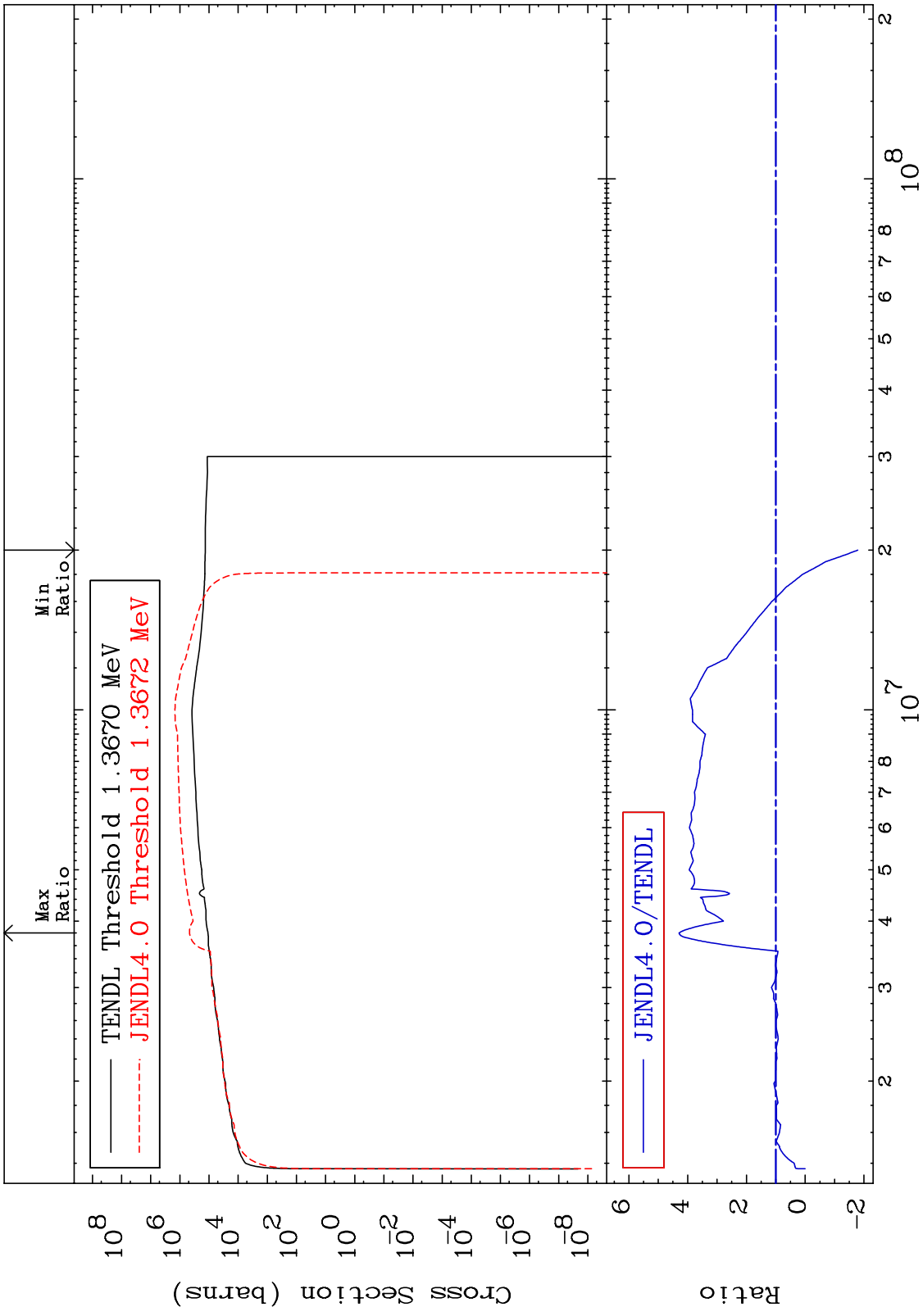
28-Ni-64
-91.60 To 99.45 %



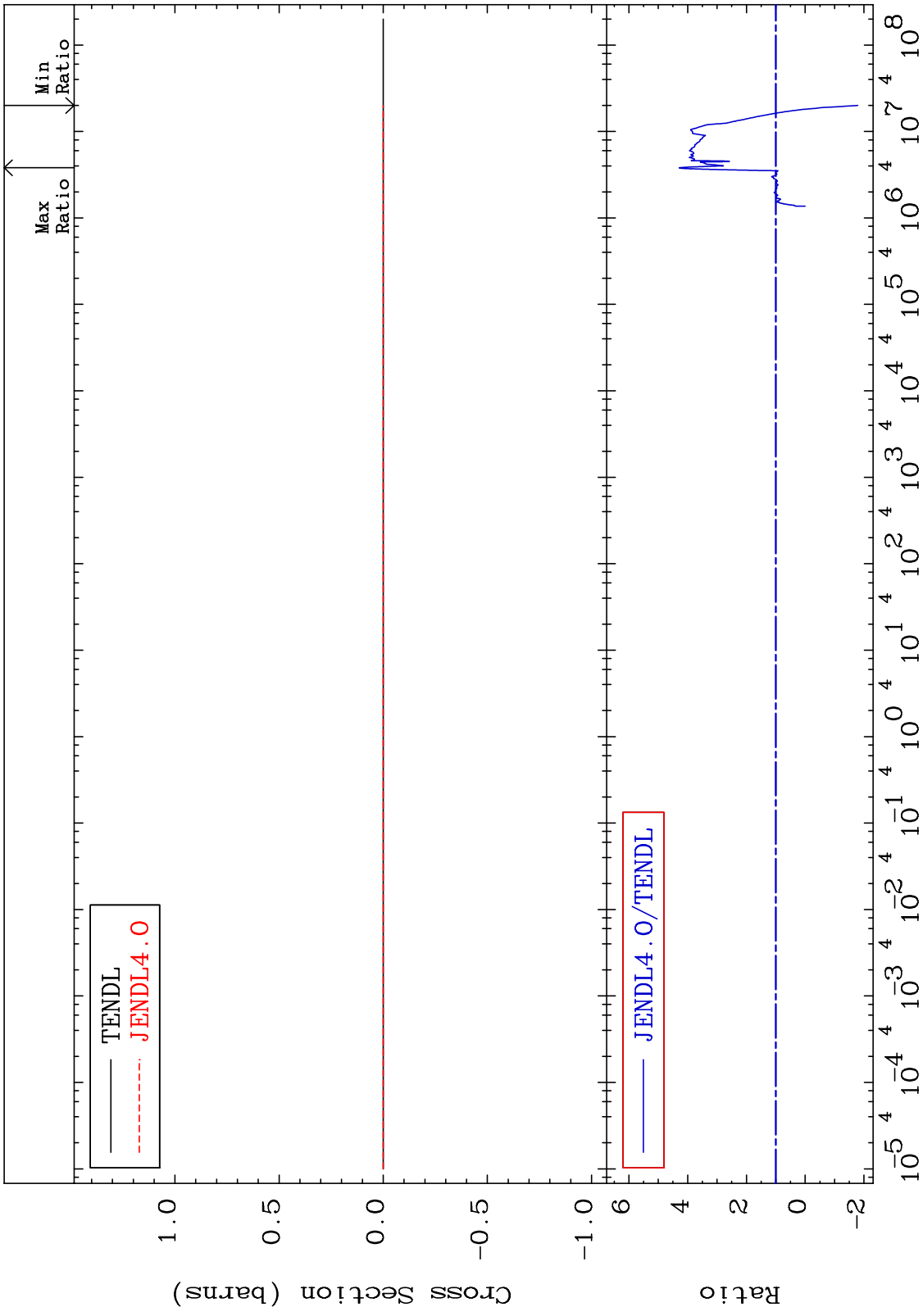
MAT 2843 Kerma non-elastic (all but mt2) 28-Ni-64
 Cross Section -61.70 To 9999. %



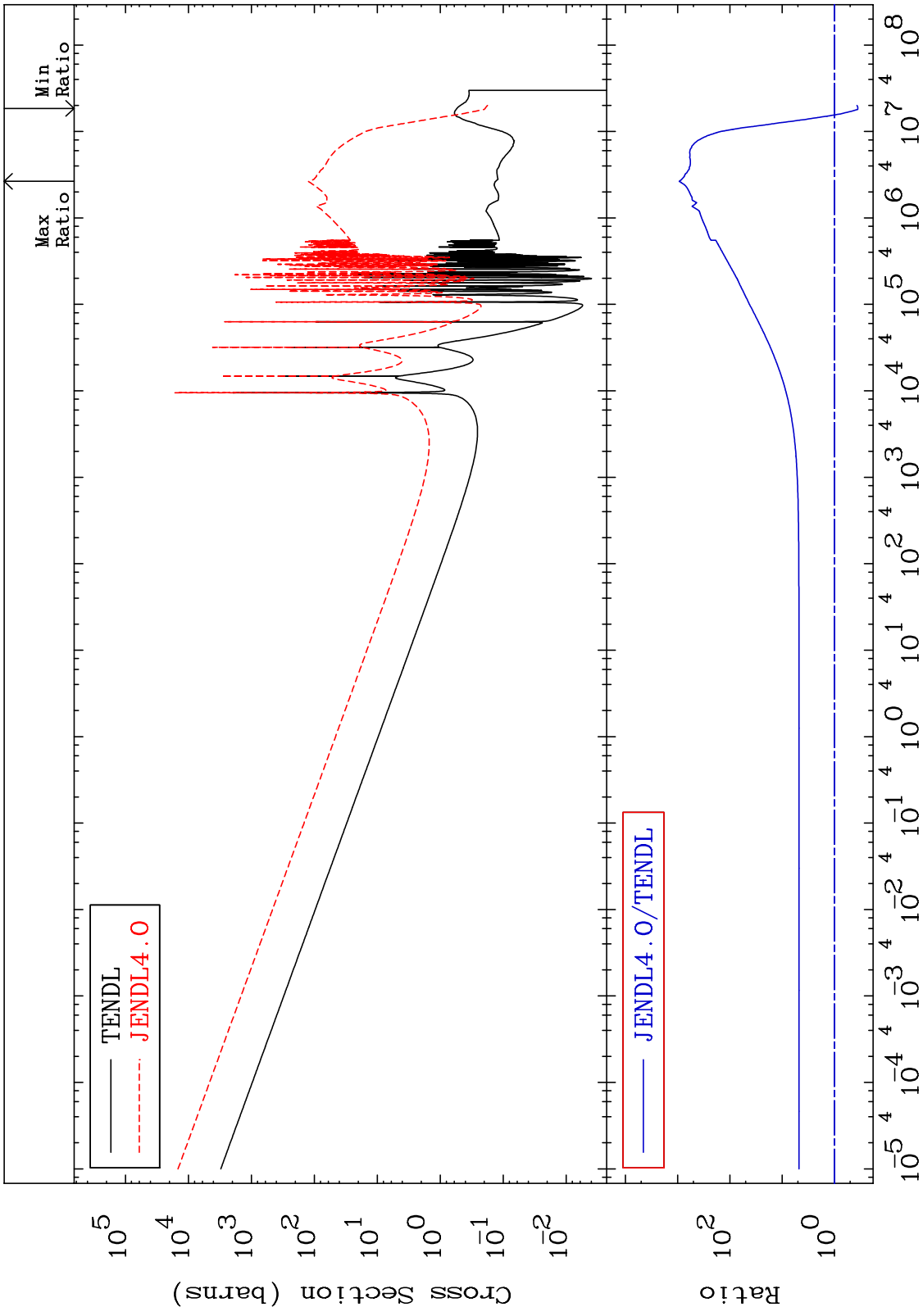
MAT 2843 Kerma inelastic (mt51-91) 28-Ni-64
 -279.2 To 329.3 %
 Cross Section



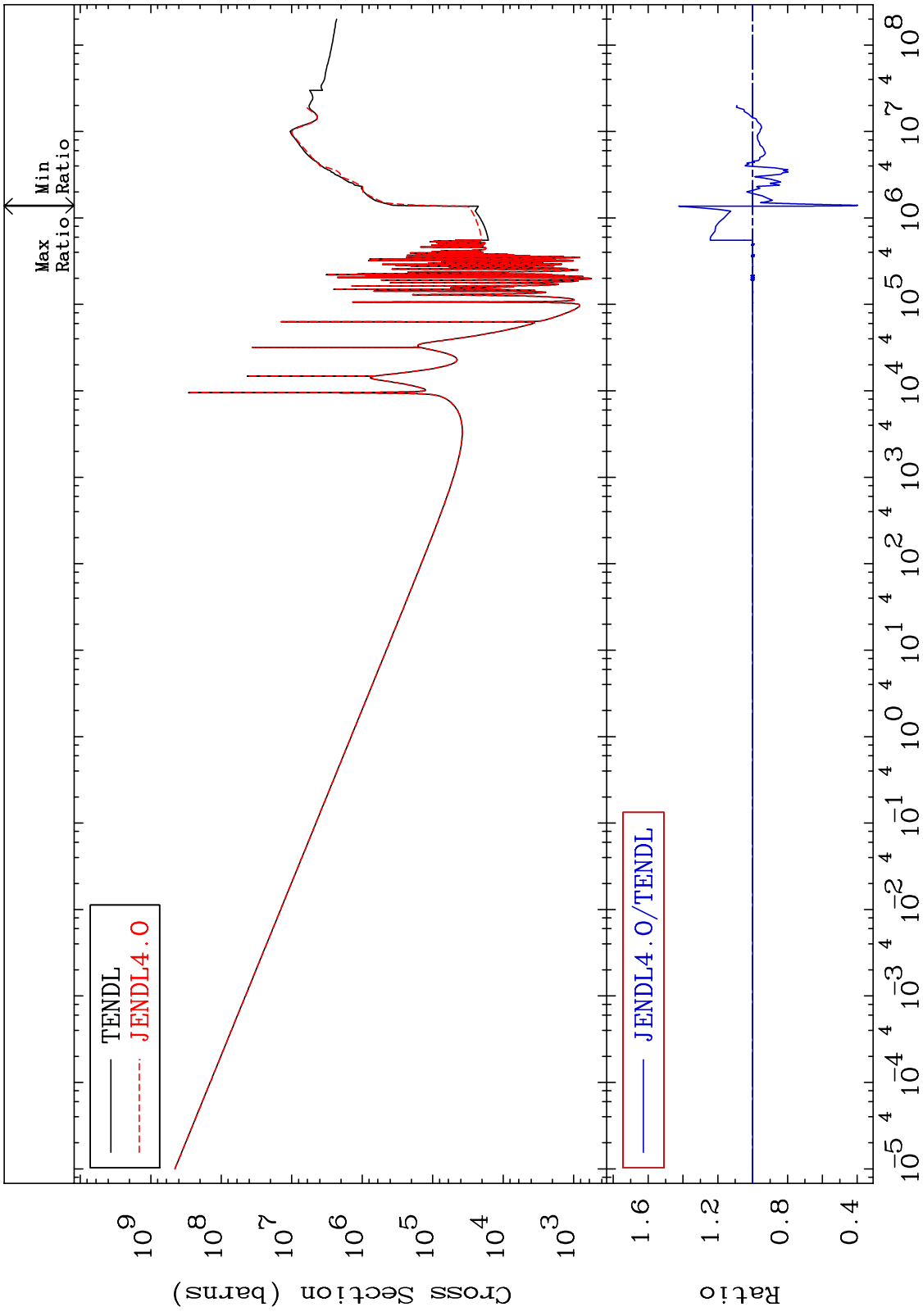
MAT 2843 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-64
 Cross Section -279.2 To 329.3 %



MAT 2843 Kerma capture (mt102) 28-Ni-64
 Cross Section -64.36 To 9999. %

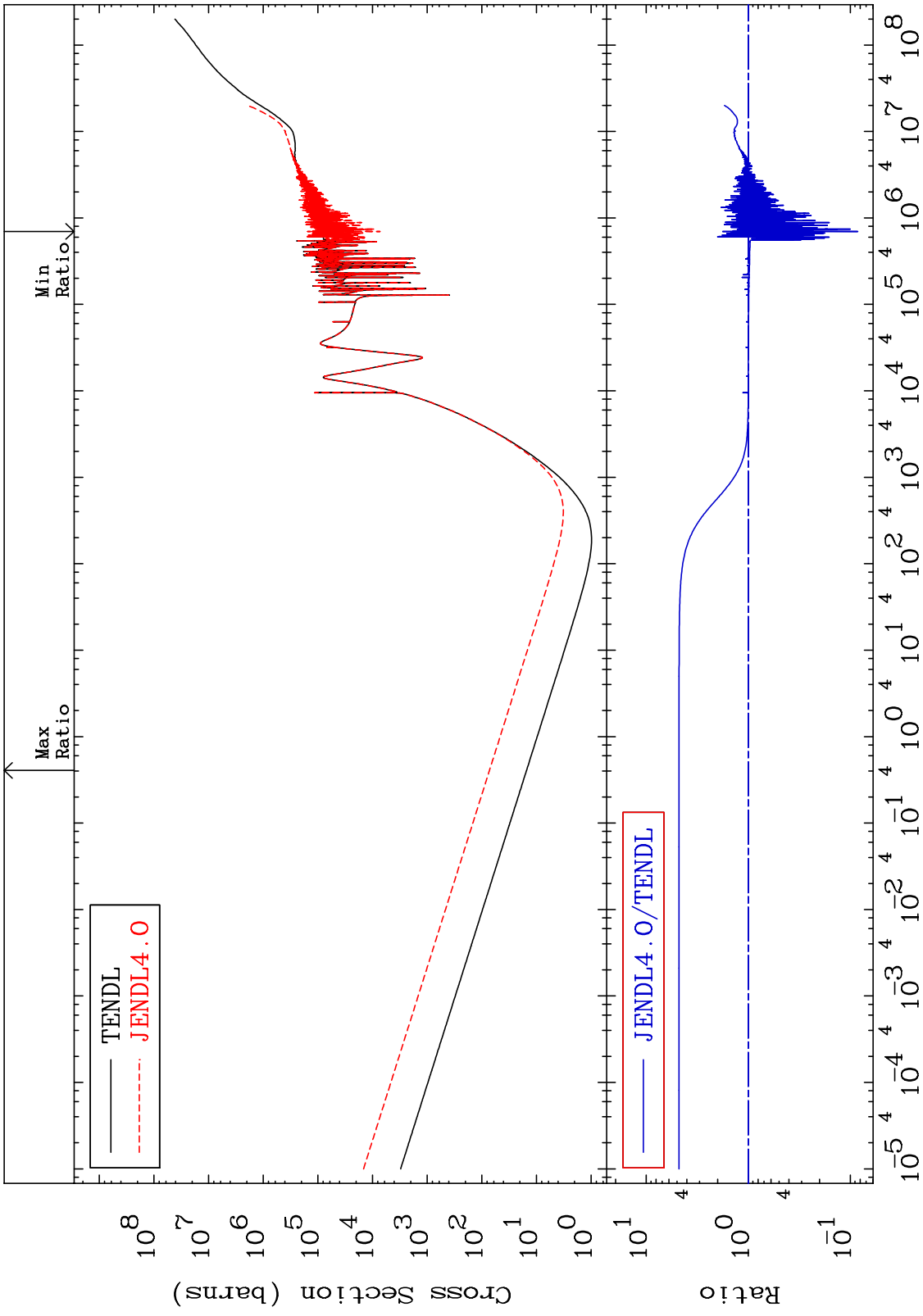


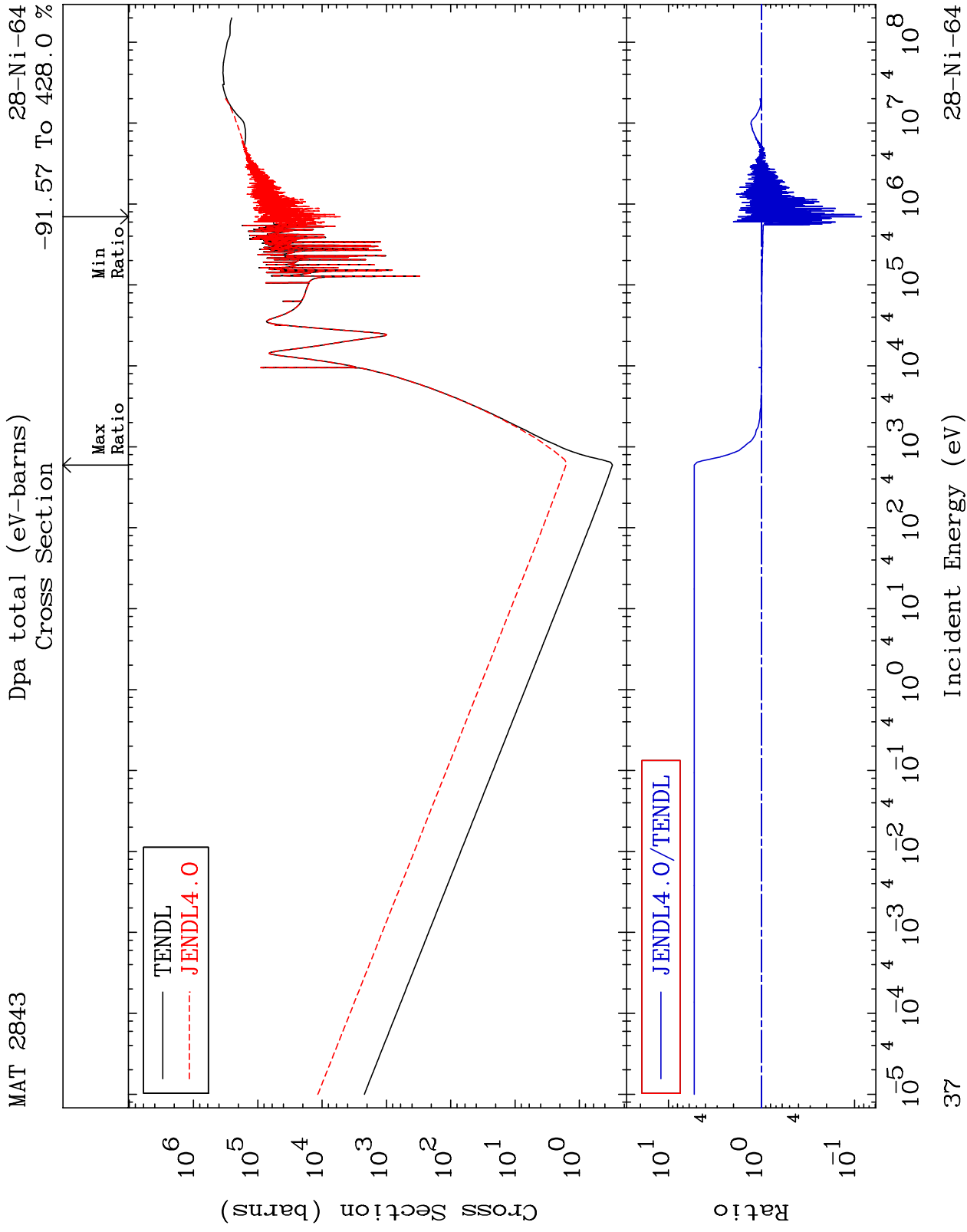
MAT 2843 28-Ni-64
 Total photon (eV-barns) -60.35 To 42.25 %
 Cross Section



35 28-Ni-64
 Incident Energy (eV)

MAT 2843 Total kinematic kerma (high limit) 28-Ni-64
 Cross Section -91.56 To 377.0 %

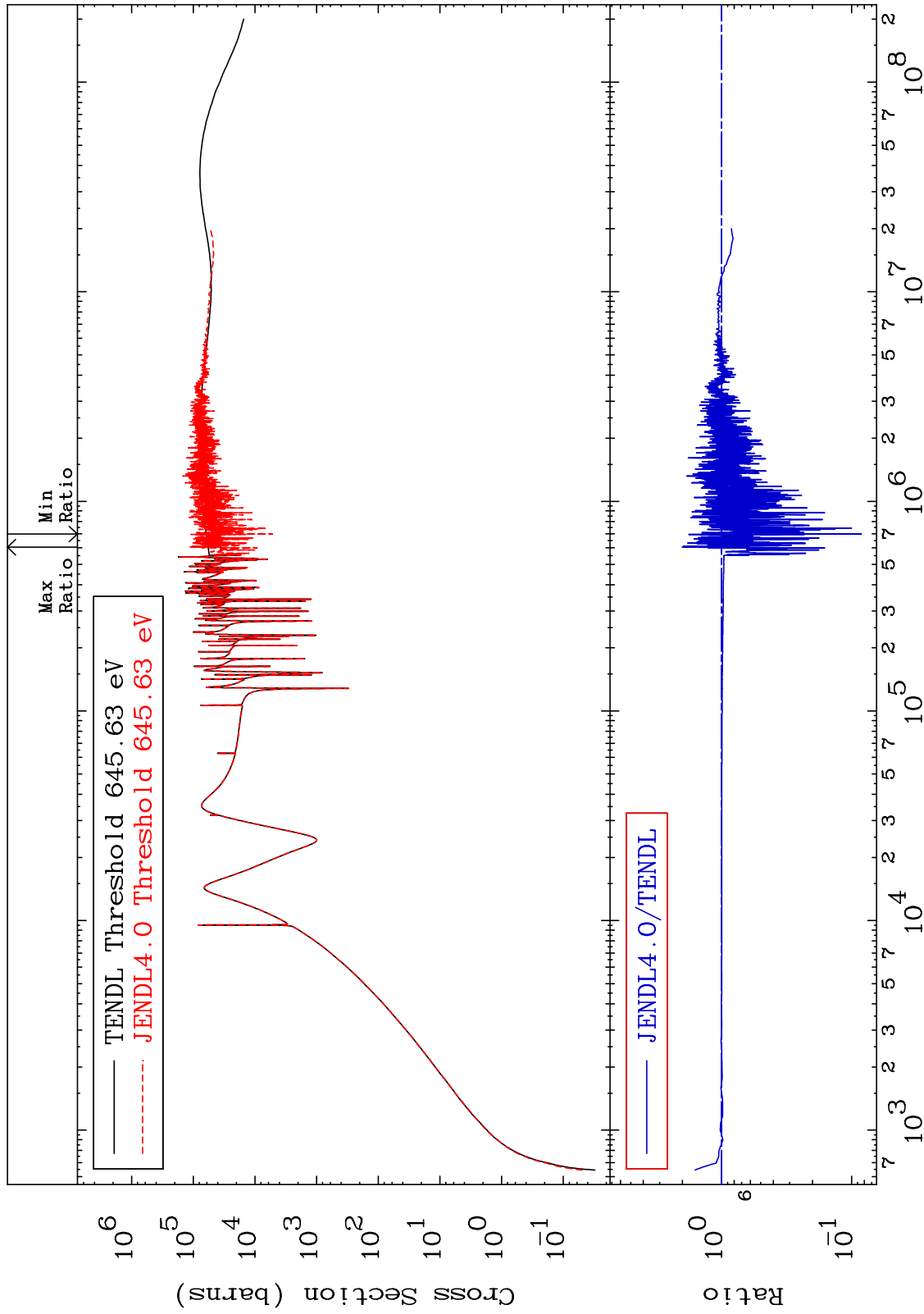




MAT 2843

Dpa elastic (mt2)
Cross Section

28-Ni-64
-91.57 To 99.99 %

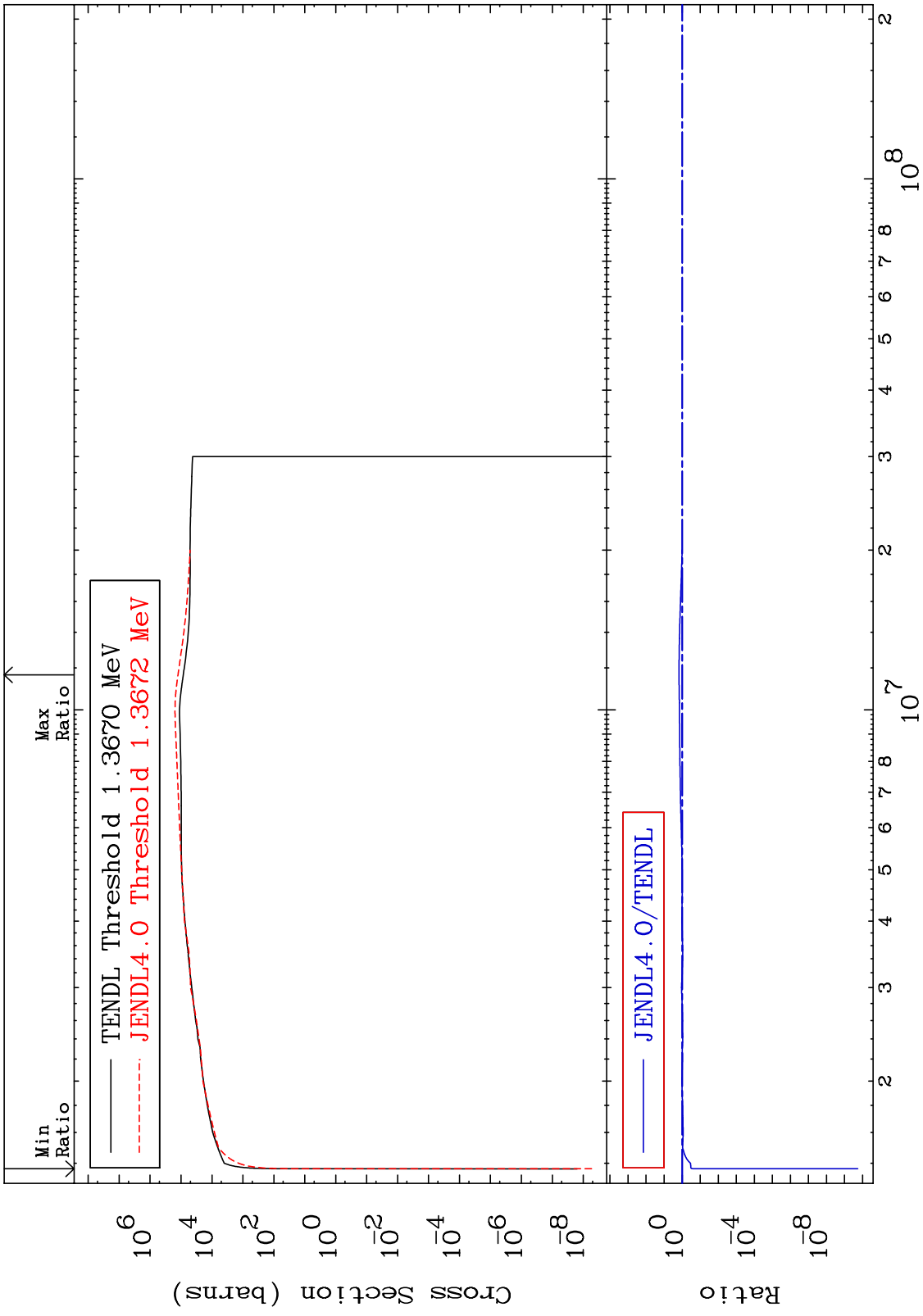


38

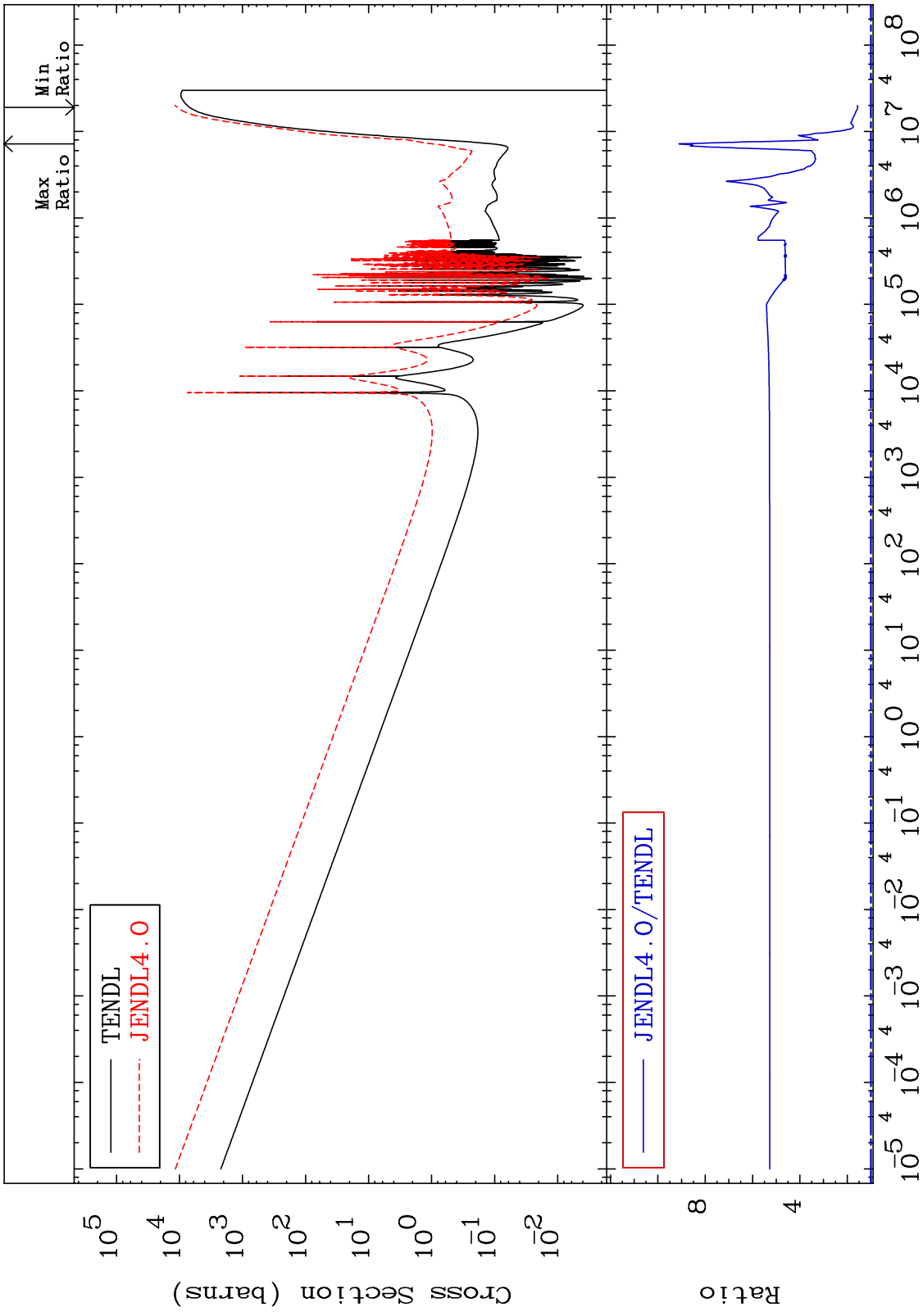
Incident Energy (eV)

28-Ni-64

MAT 2843 Dpa inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 48.65 %

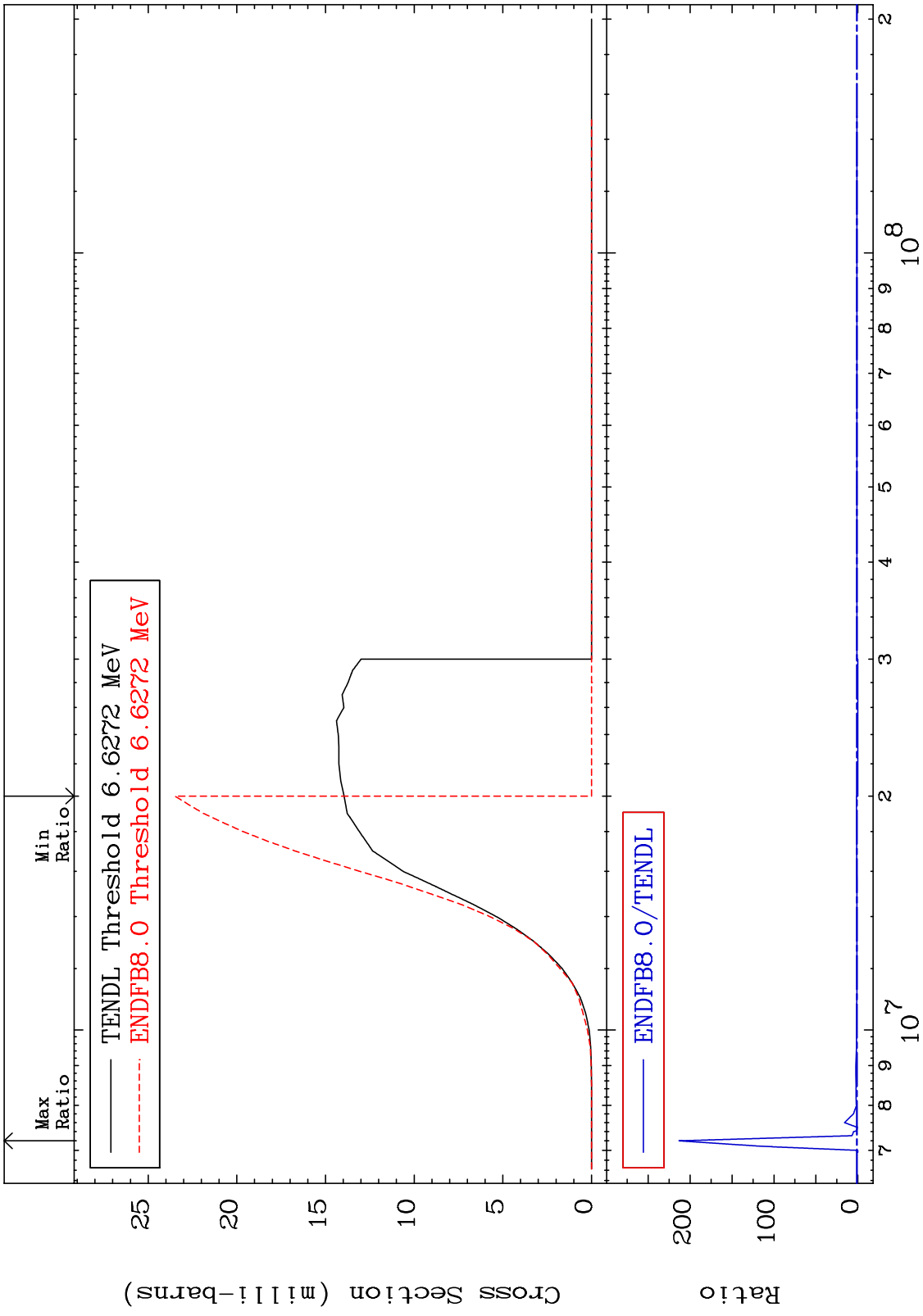


MAT 2843 Dpa disappearance (mt102 -120) 28-Ni-64
Cross Section 55.22 To 810.5 %

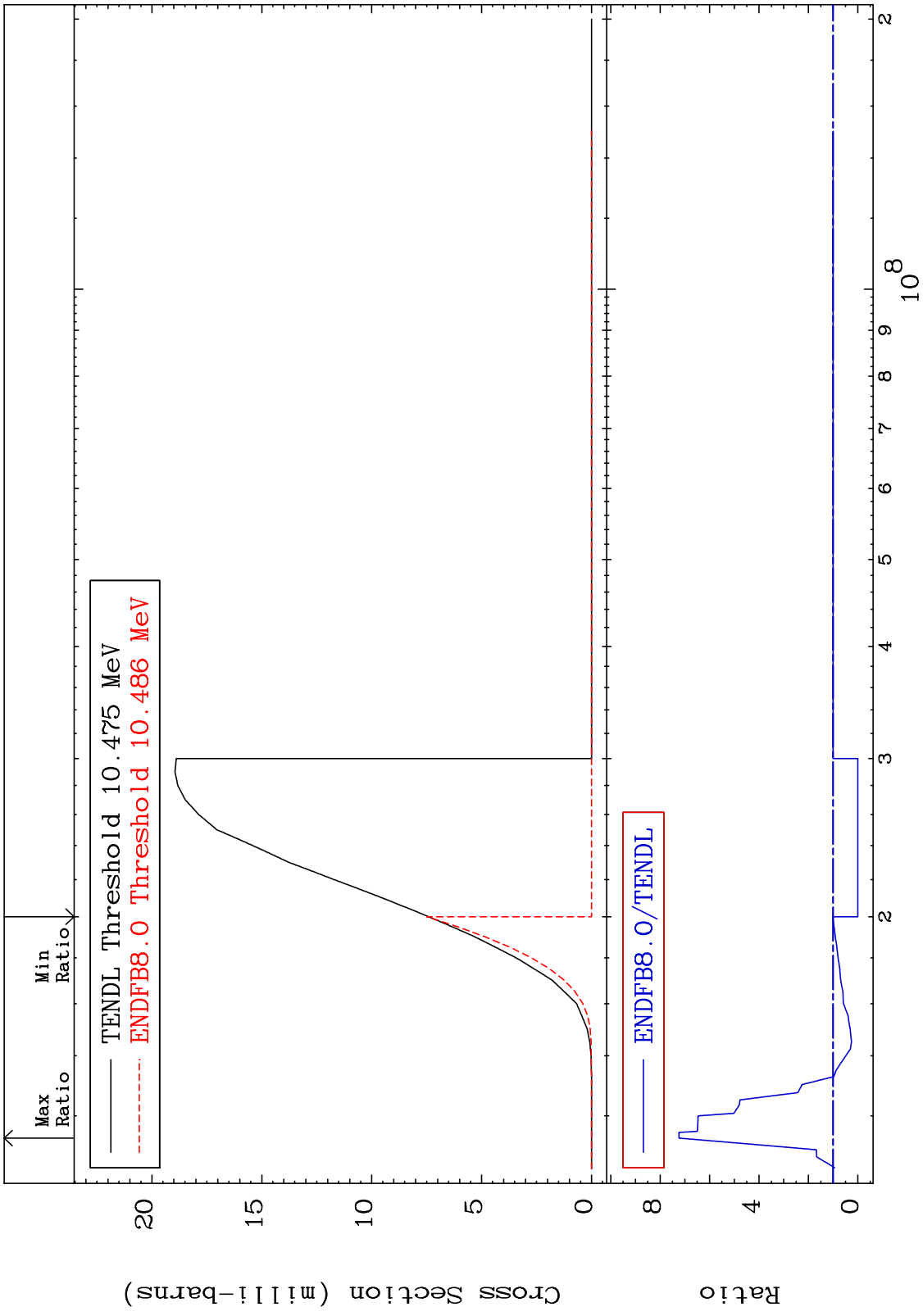


40 Incident Energy (eV) 28-Ni-64

MAT 2843 (n,p) 28-Ni-64
 Cross Section -100.0 To 9999. %

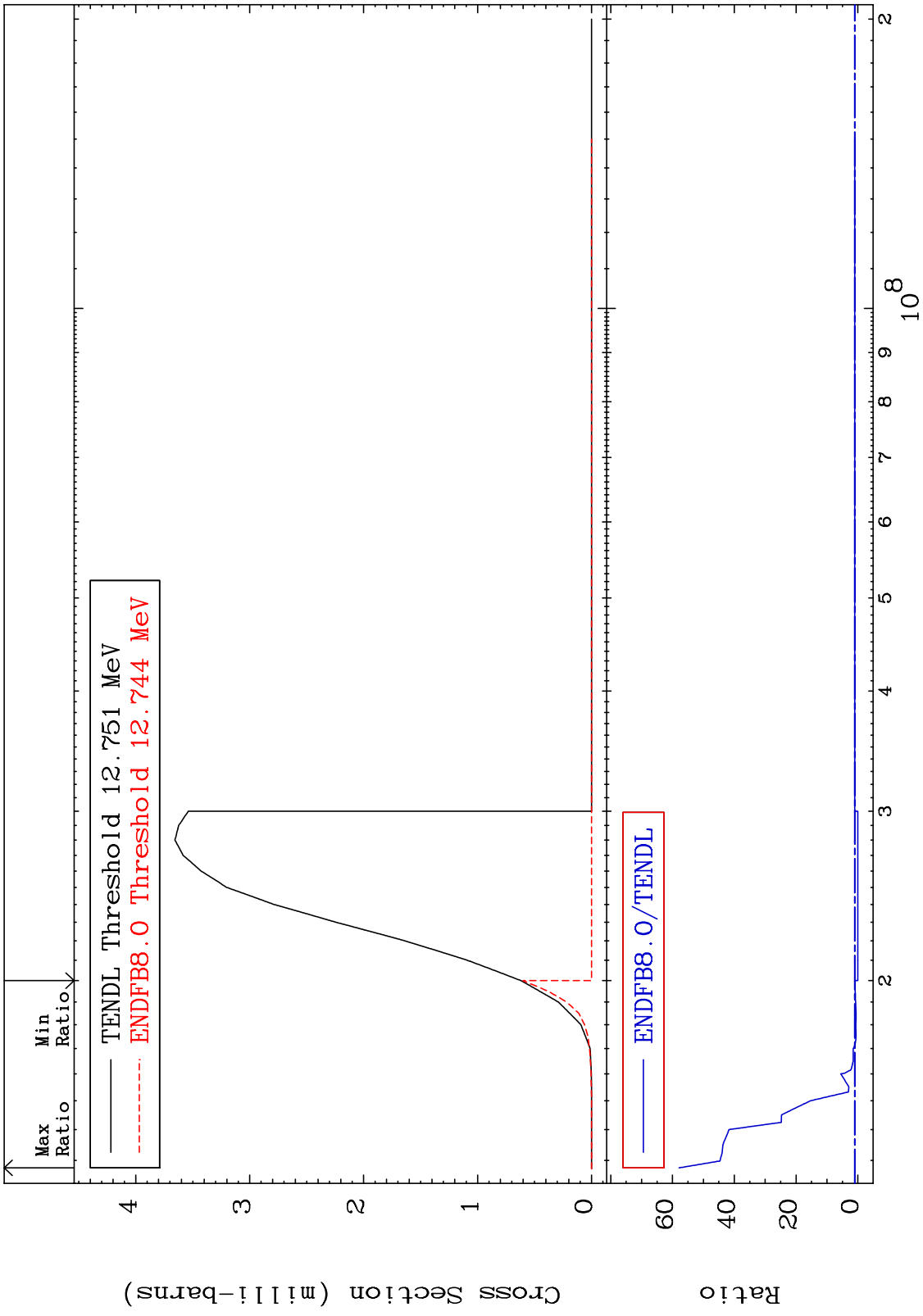


MAT 2843 (n,d) Cross Section 28-Ni-64 -100.0 To 623.6 %

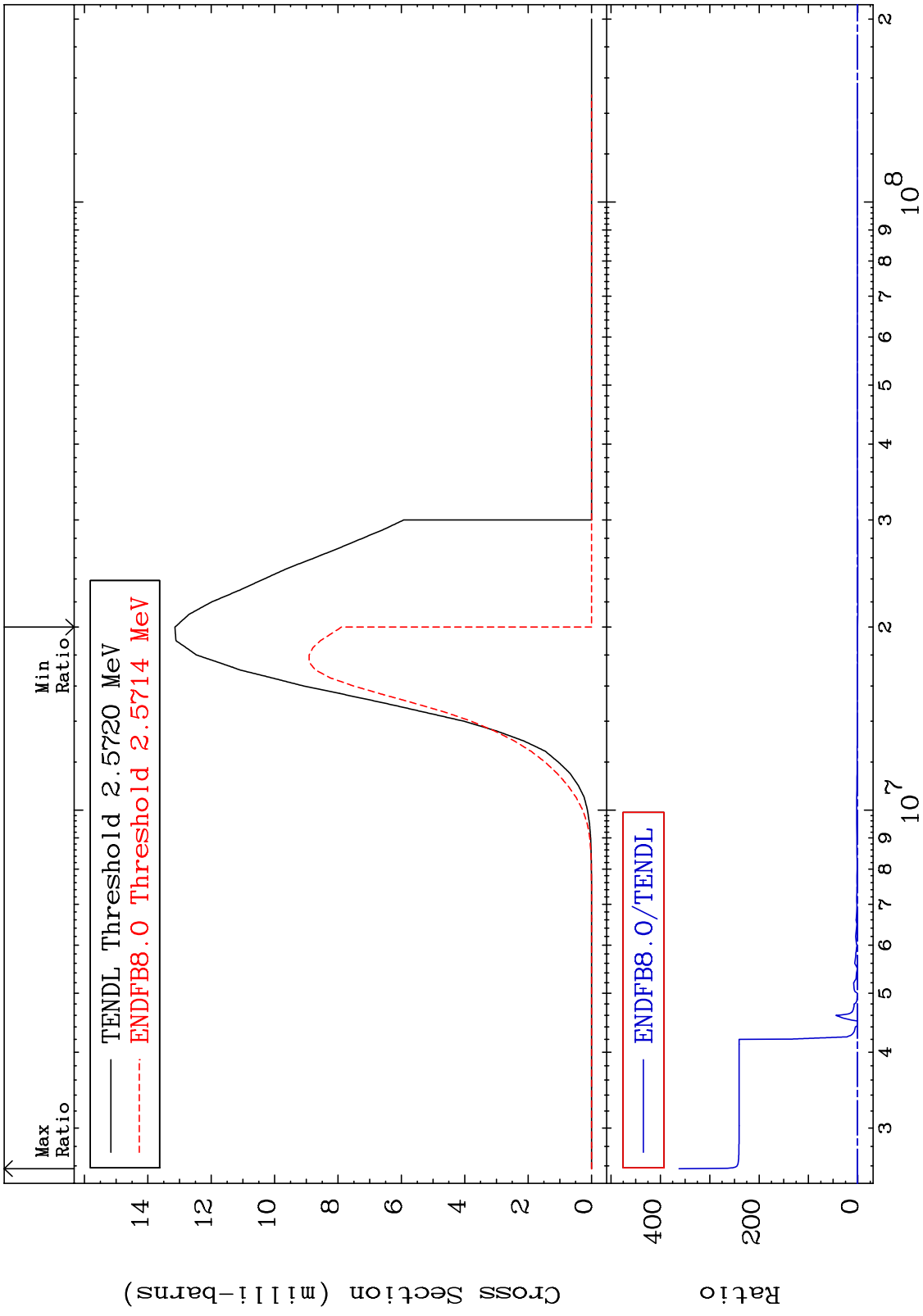


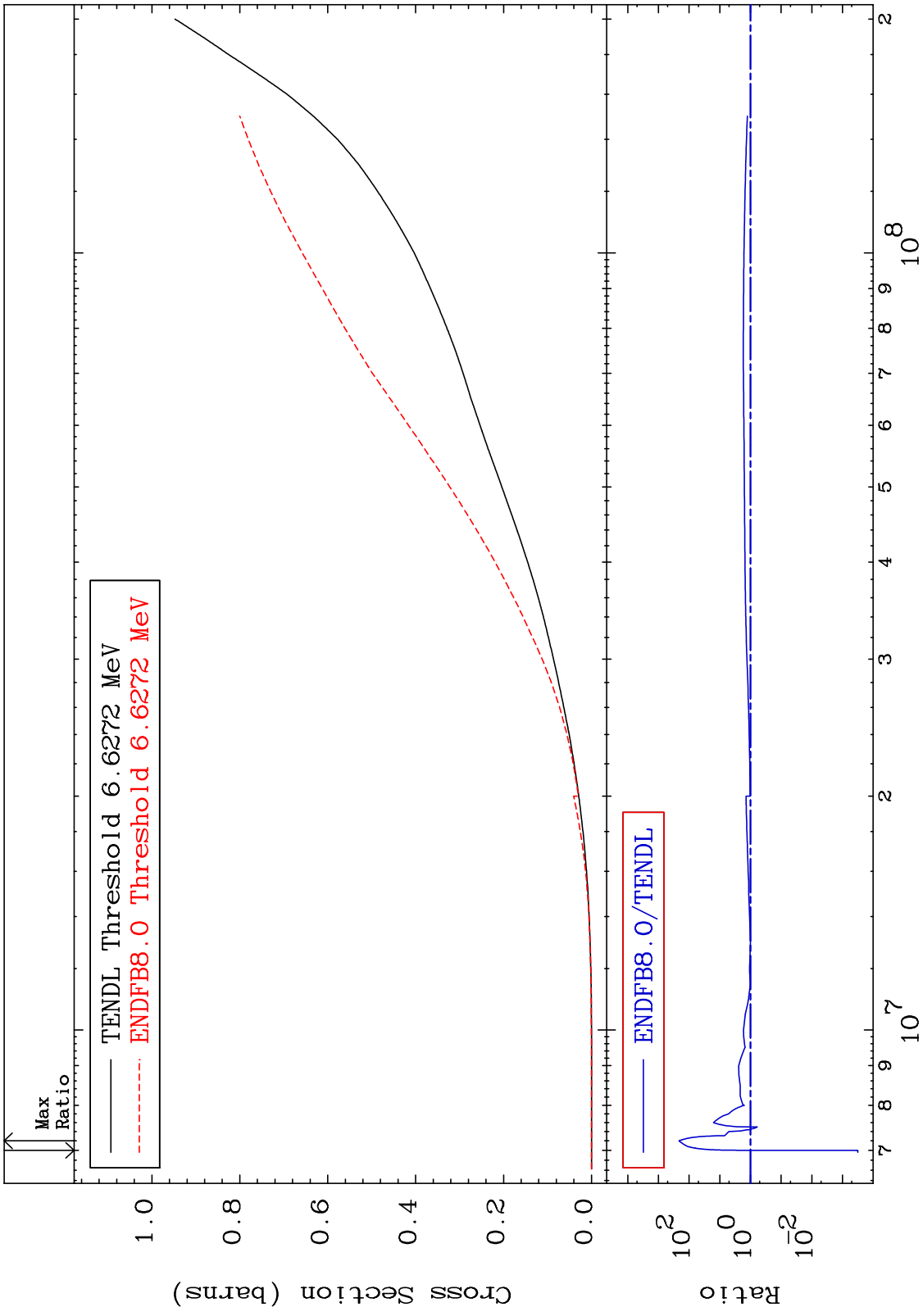
42 28-Ni-64

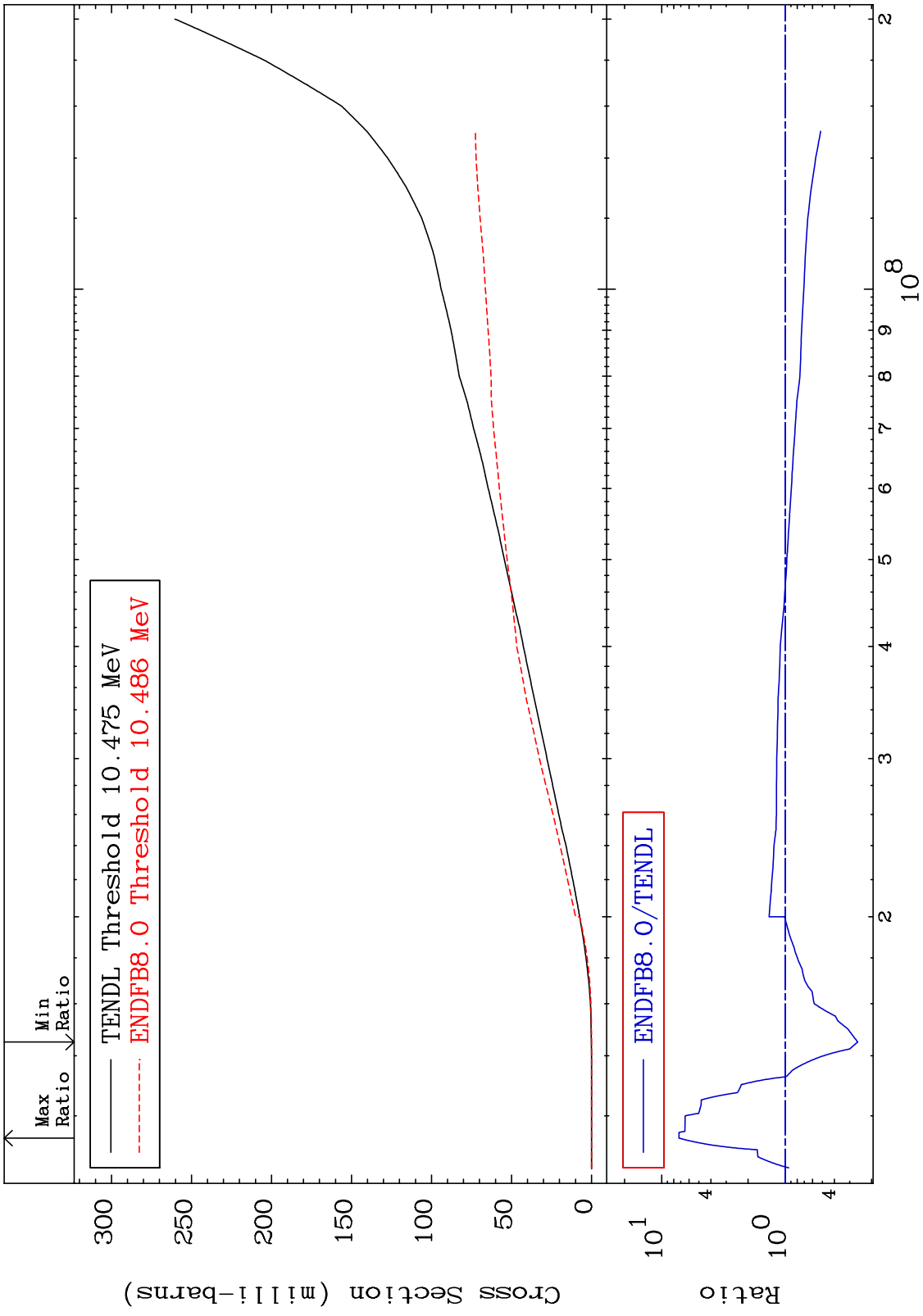
MAT 2843 (n,t) 28-Ni-64
 Cross Section -100.0 To 5688. %



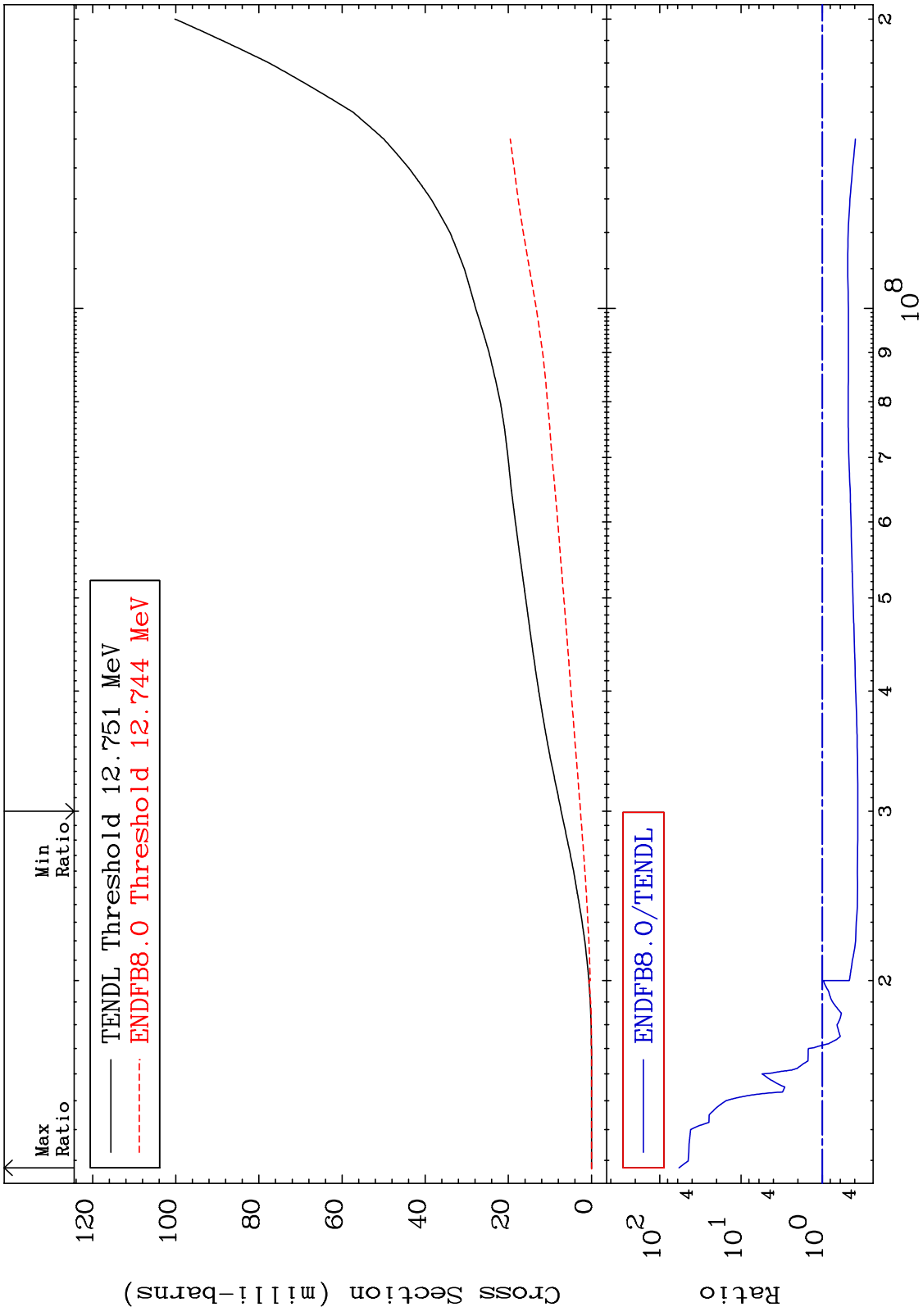
MAT 2843 (n,α) Cross Section 28-Ni-64 -100.0 To 9999. %







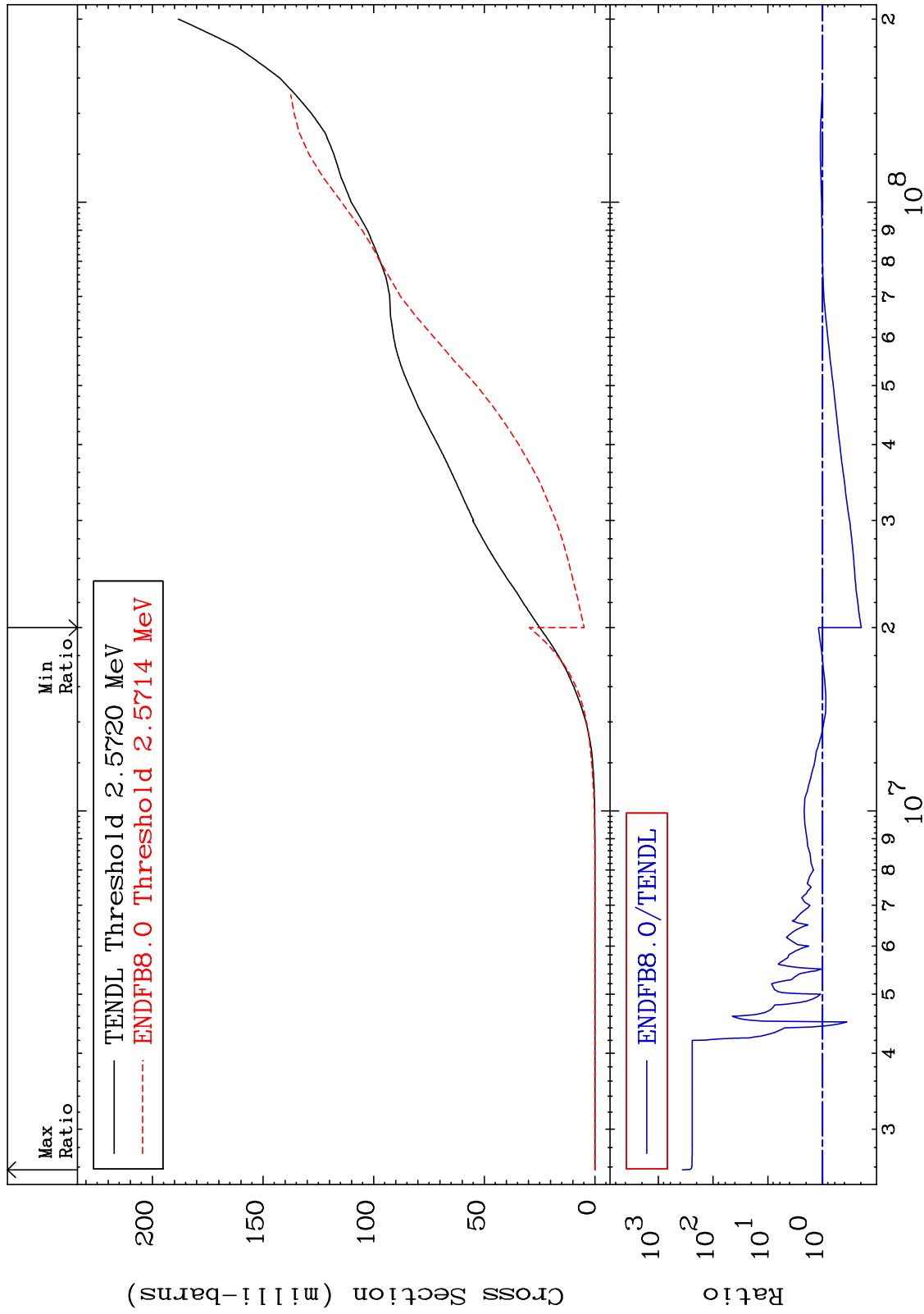
MAT 2843 Tritium Production Cross Section 28-Ni-64 -63.44 To 5688. %



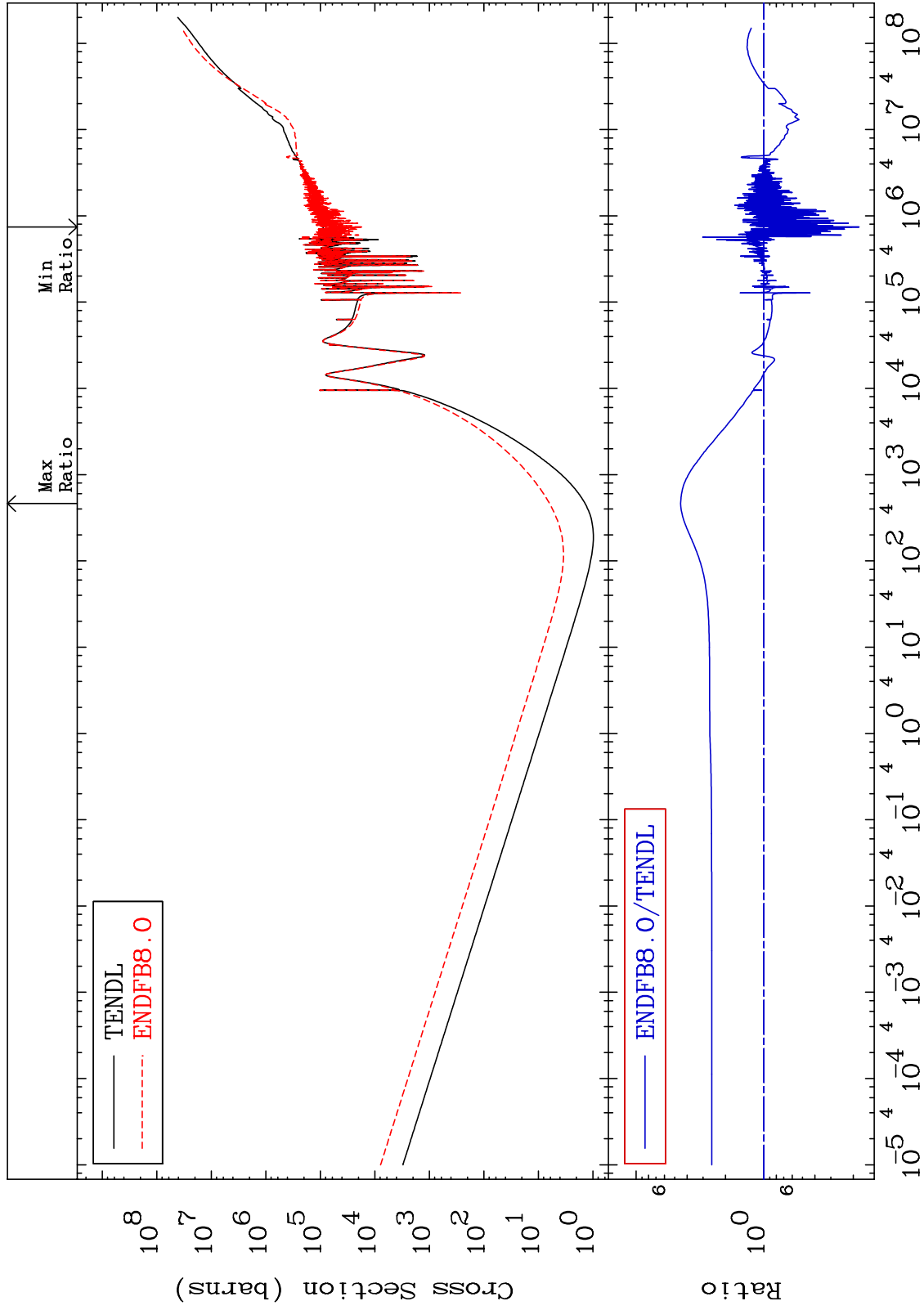
MAT 2843

He-4 Production
Cross Section

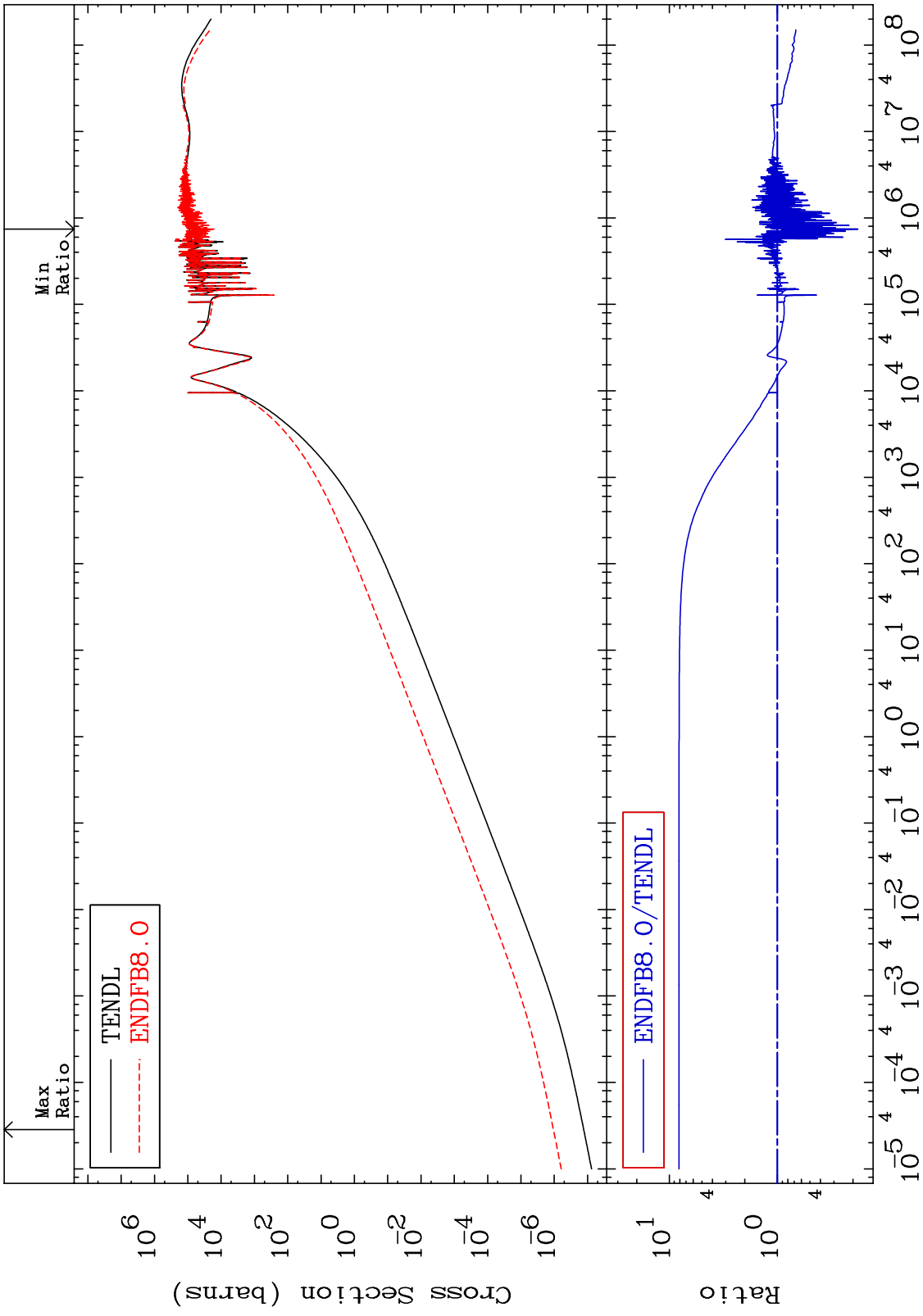
28-Ni-64
-80.41 To 9999. %



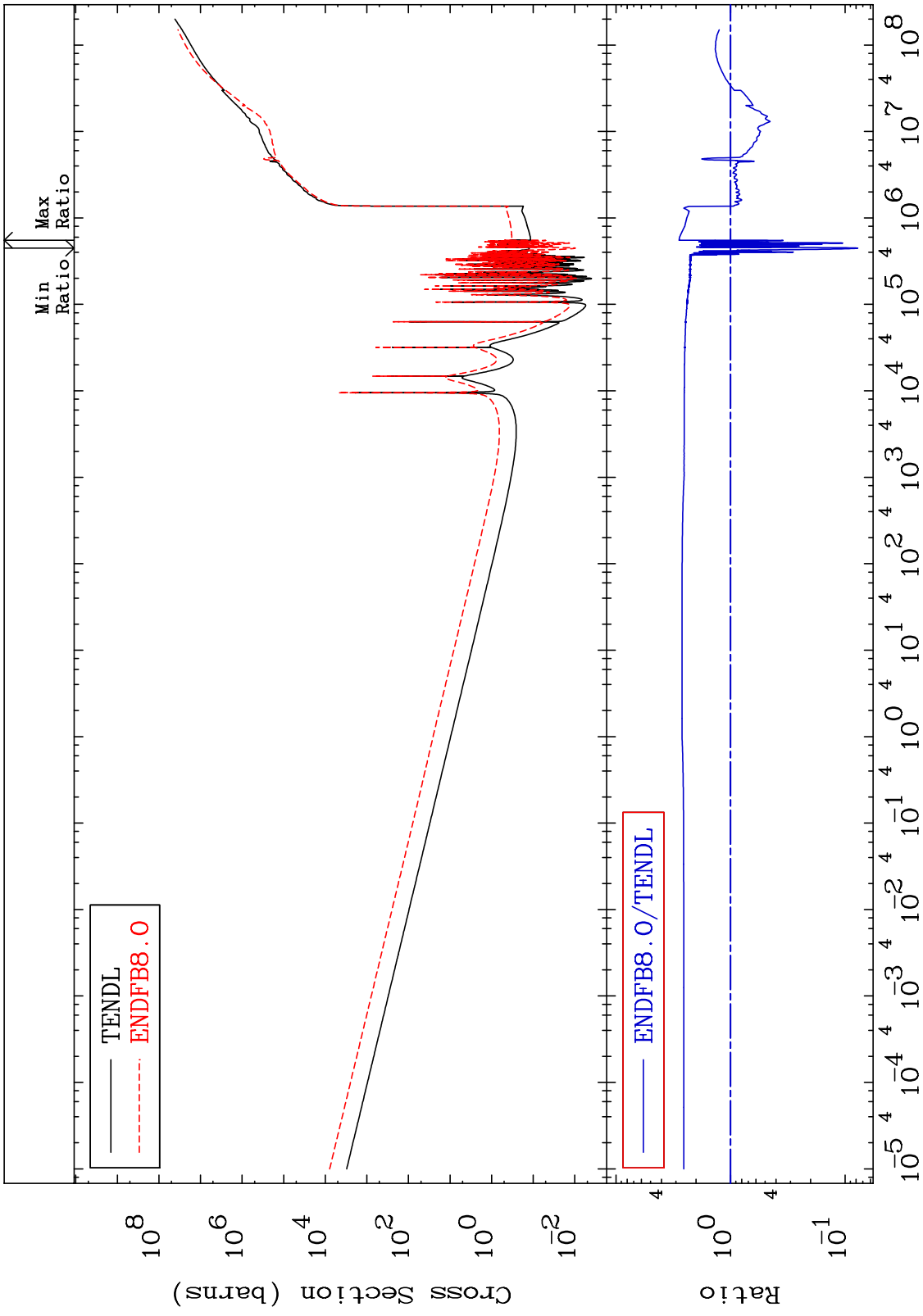
MAT 2843 Kerma total (eV-barns)
Cross Section -81.95 To 348.6 % 28-Ni-64



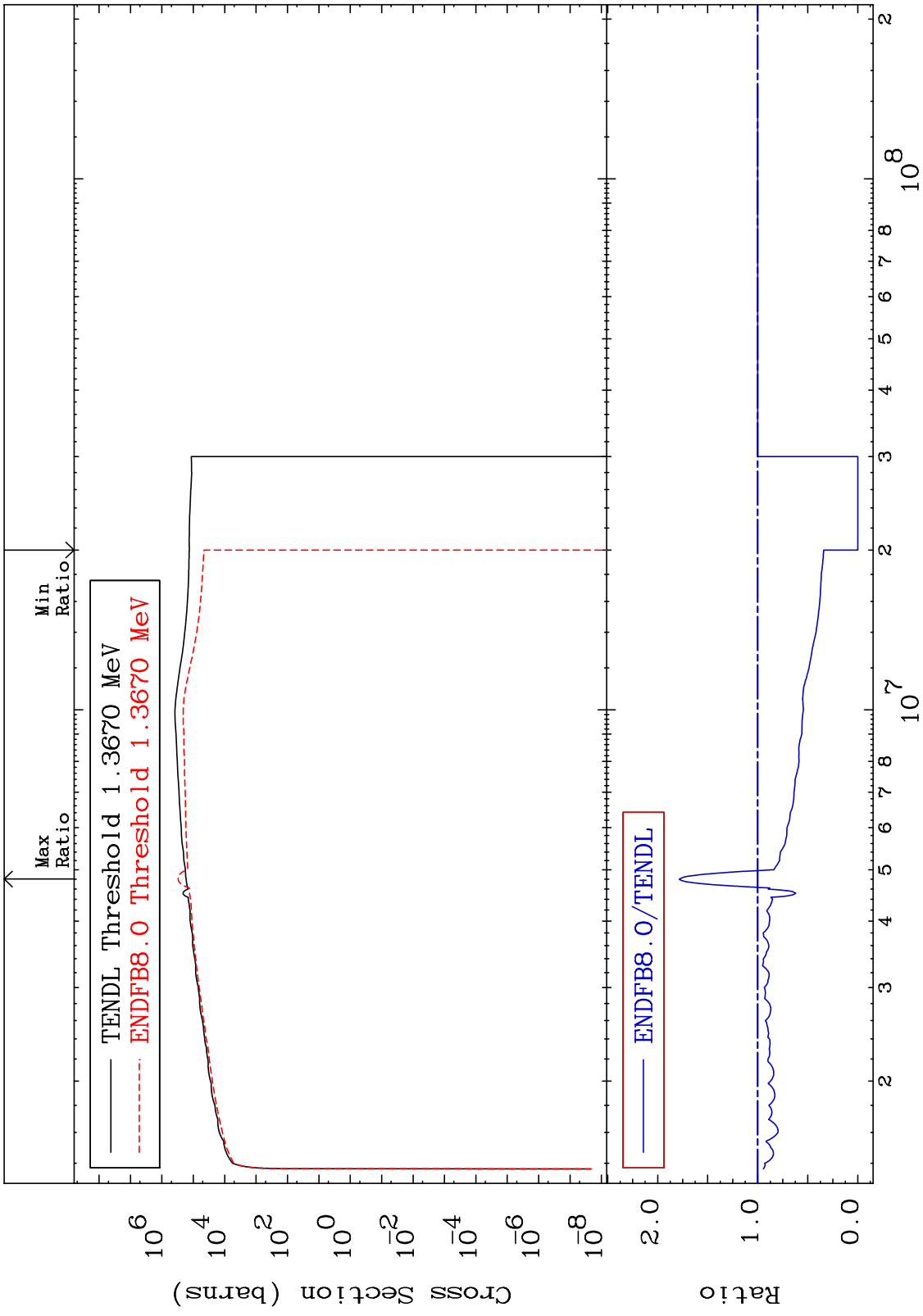
MAT 2843 Kerma elastic Cross Section 28-Ni-64
-81.95 To 712.4 %



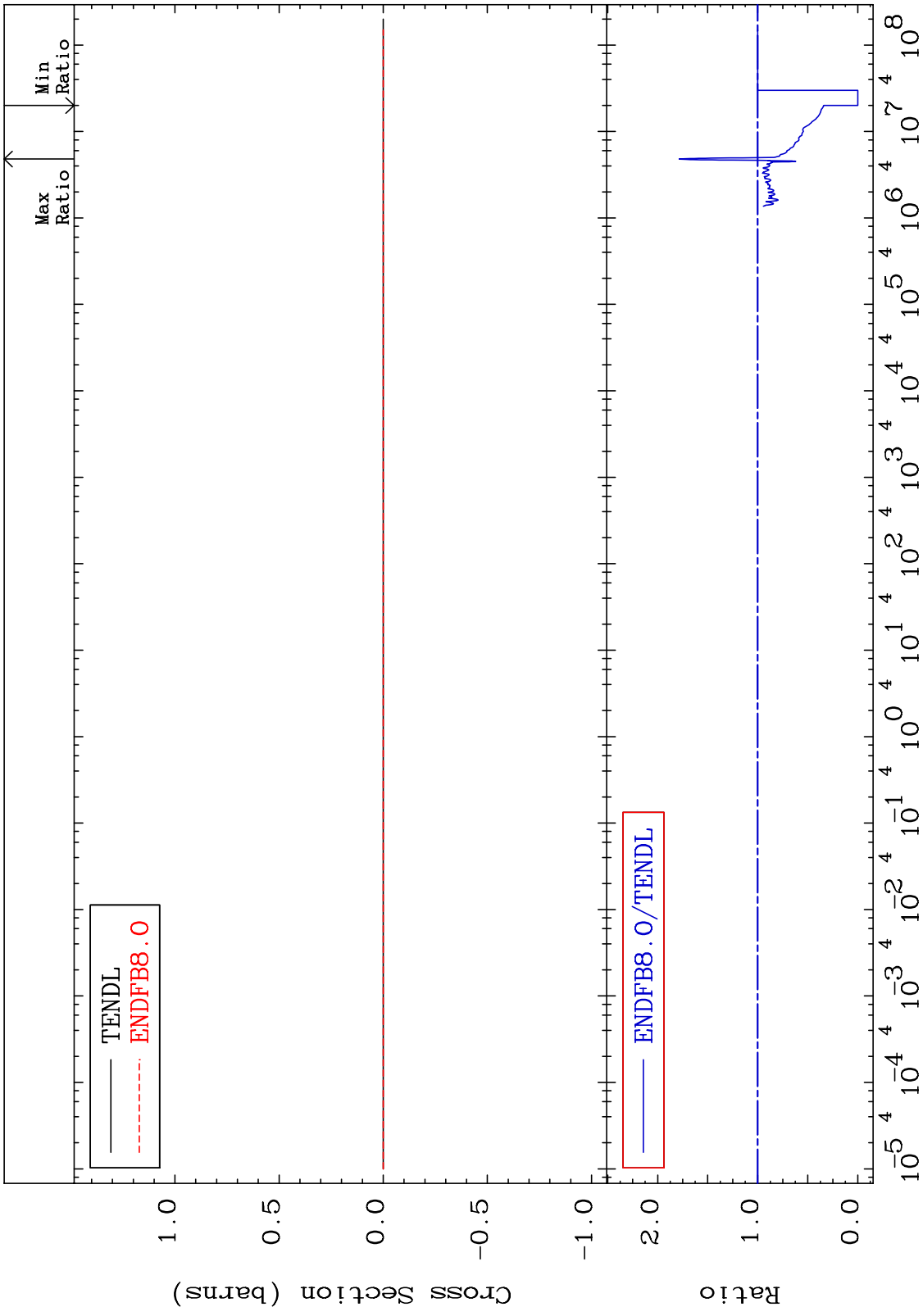
MAT 2843 Kerma non-elastic (all but mt2) 28-Ni-64
 Cross Section -92.27 To 181.6 %



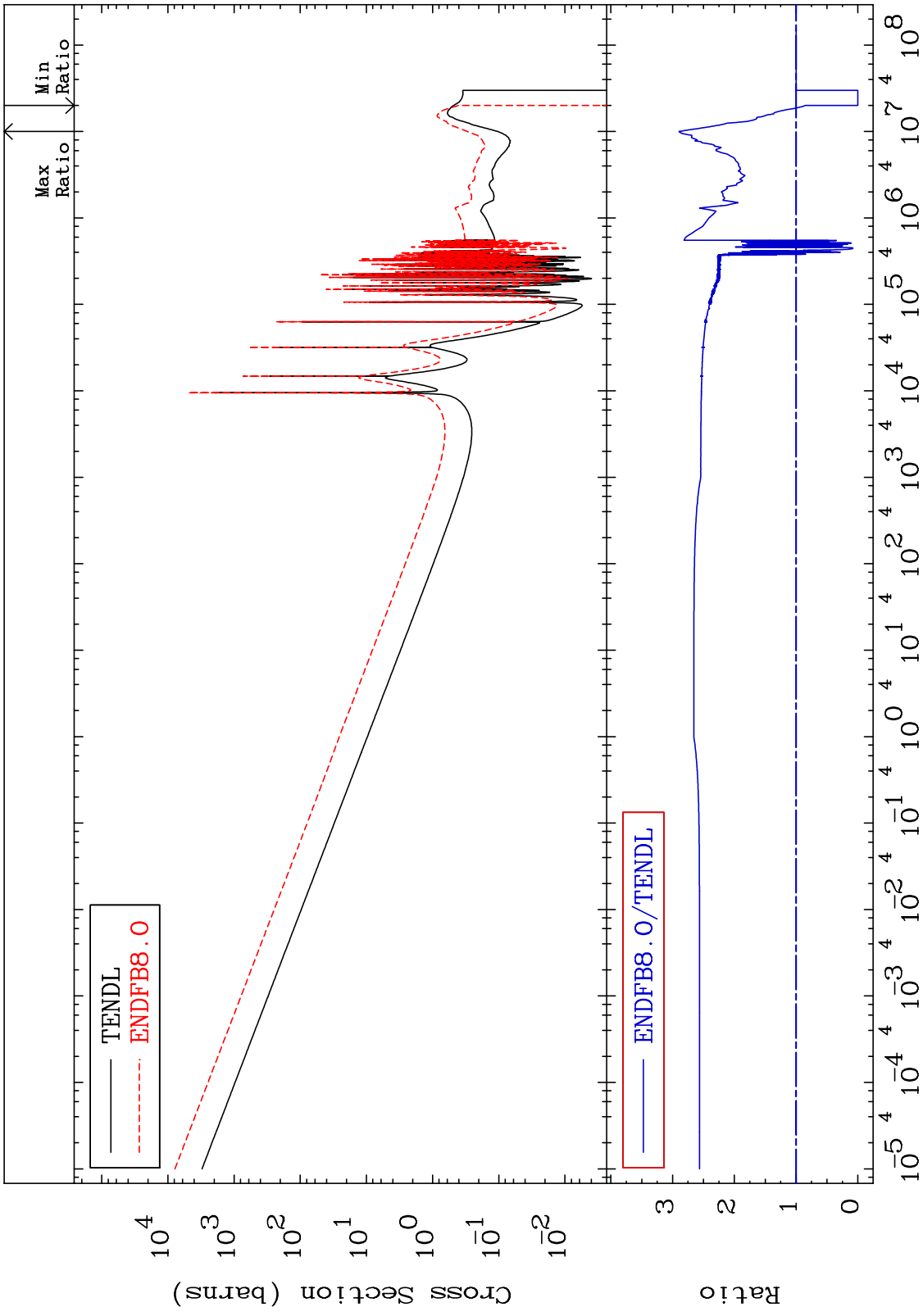
MAT 2843 Kerma inelastic (mt51-91) 28-Ni-64
 -100.0 To 78.66 %
 Cross Section



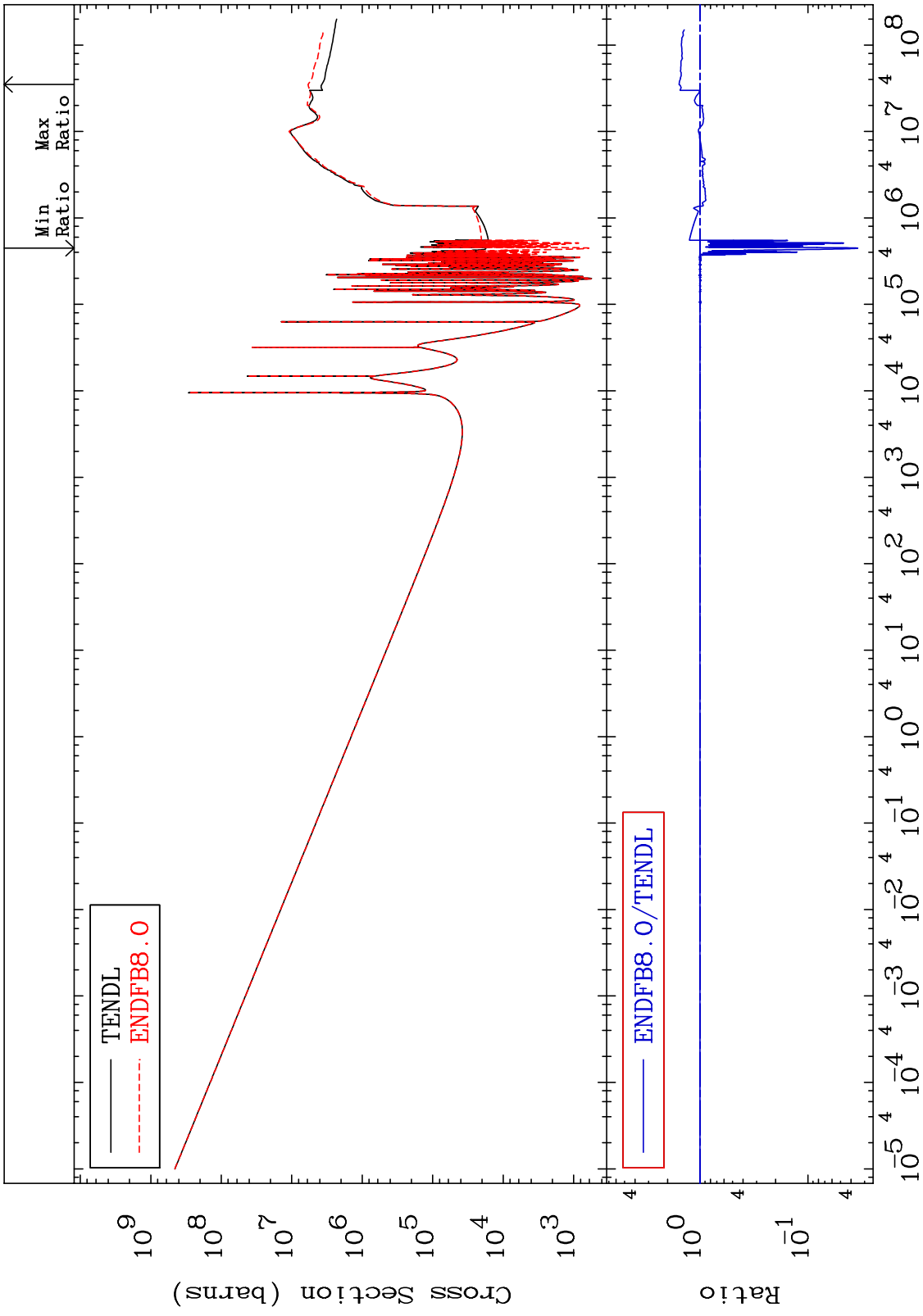
MAT 2843 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-64
 Cross Section -100.0 To 78.66 %



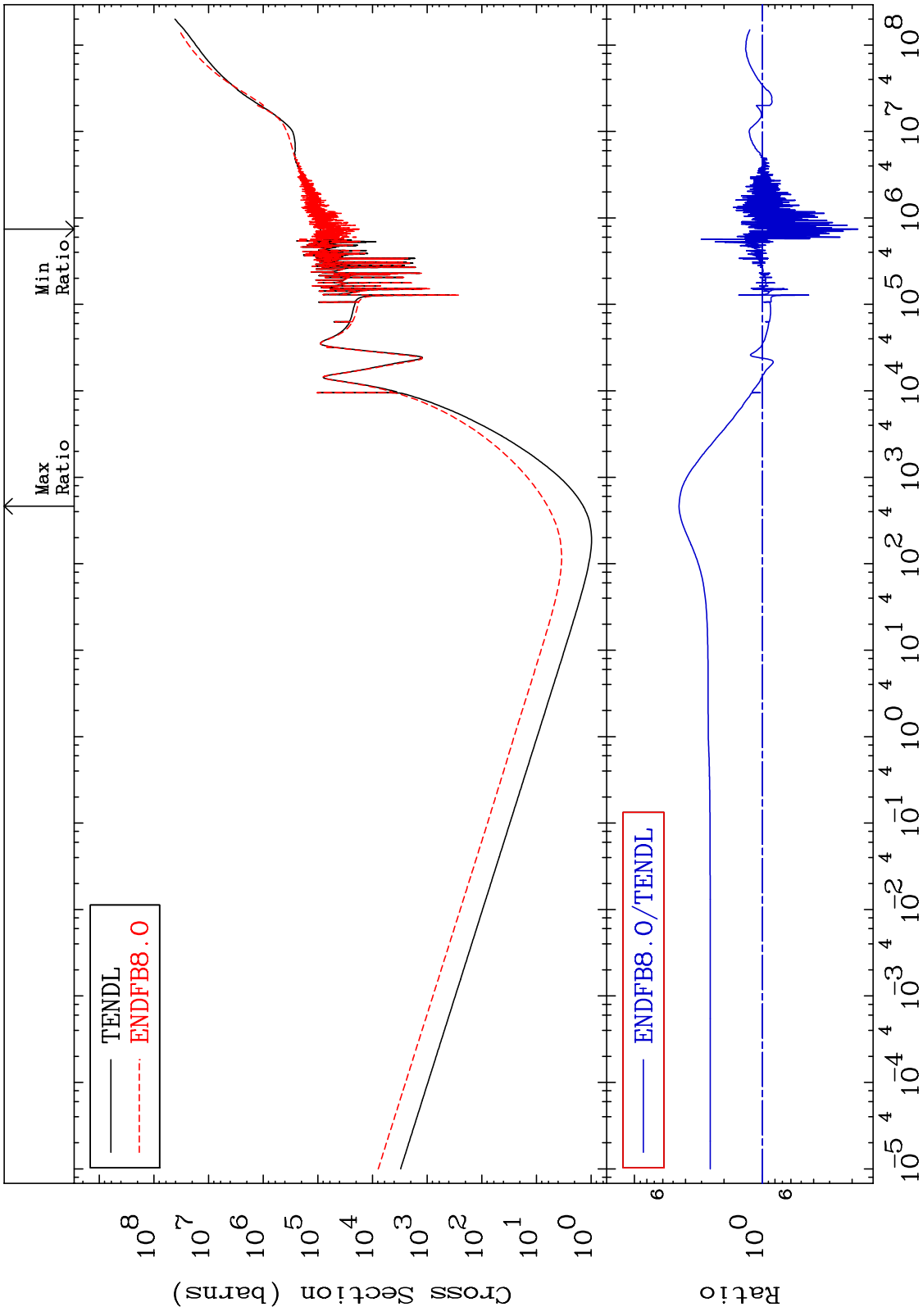
MAT 2843 Kerma capture (mt102) 28-Ni-64
 Cross Section -100.0 To 189.6 %



MAT 2843 Total photon (eV-barns) Cross Section 28-Ni-64
-96.54 To 56.50 %



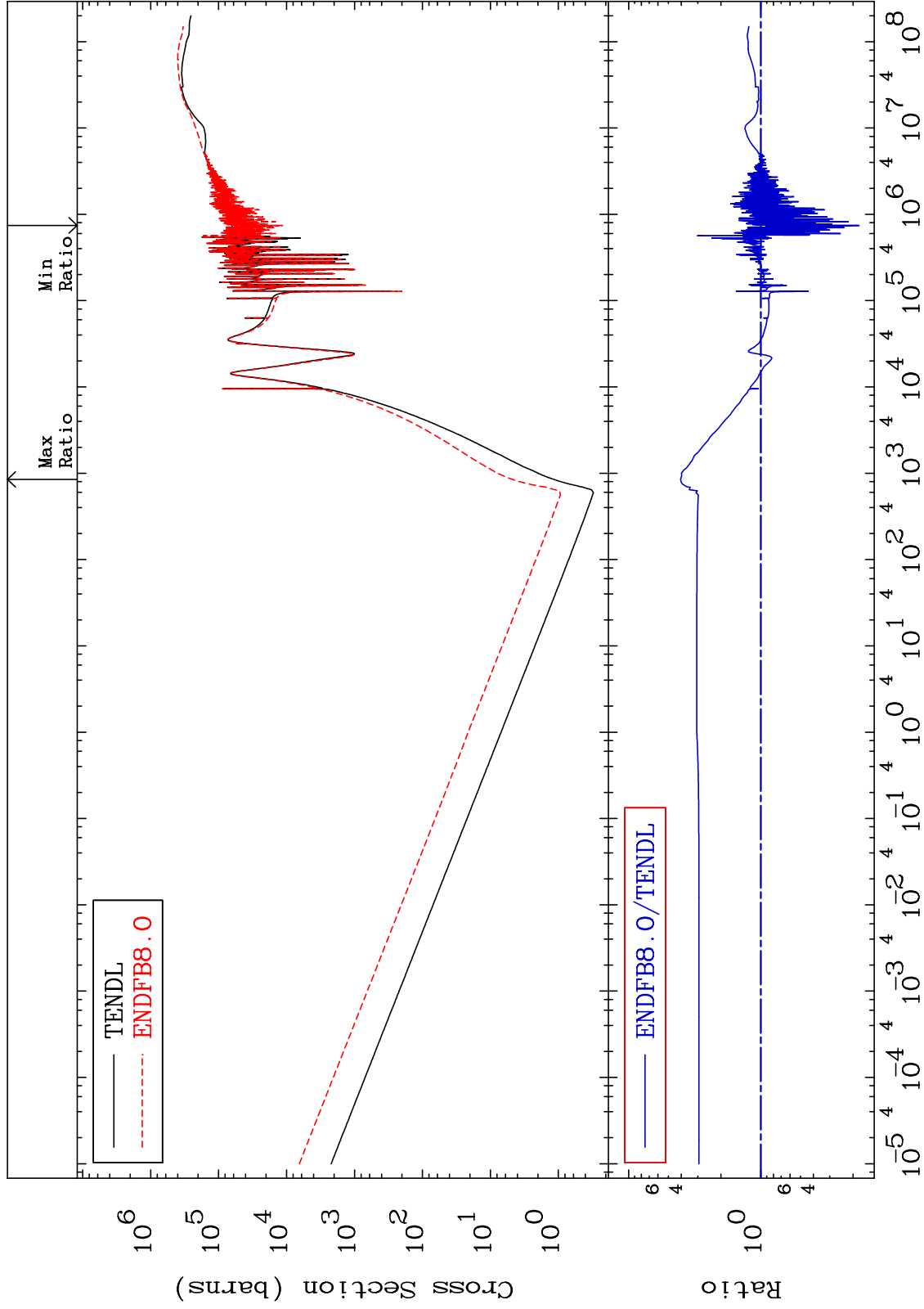
MAT 2843 Total kinematic kerma (high limit) 28-Ni-64
 Cross Section -81.95 To 348.6 %



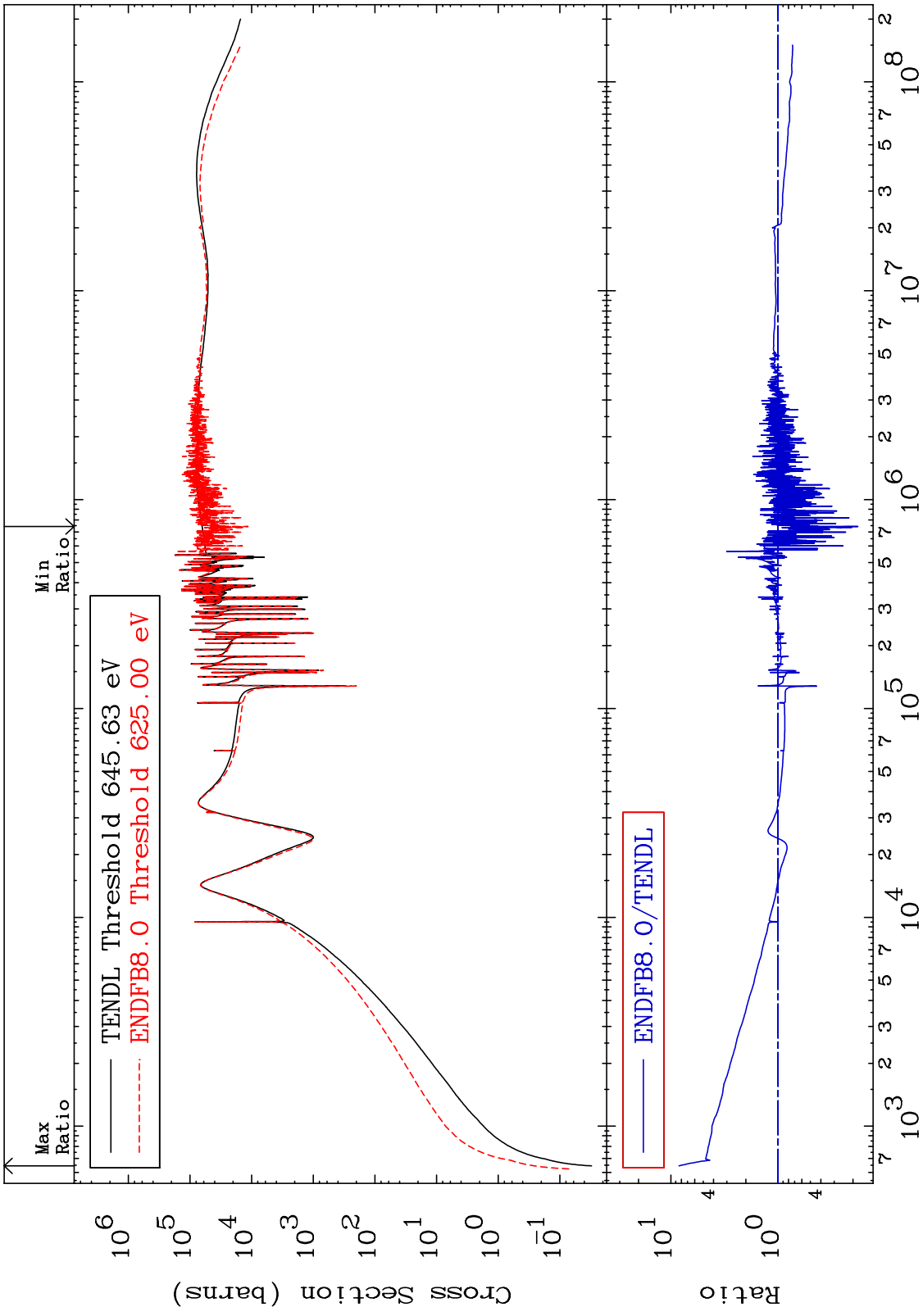
MAT 2843

Dpa total (eV-barns)
Cross Section

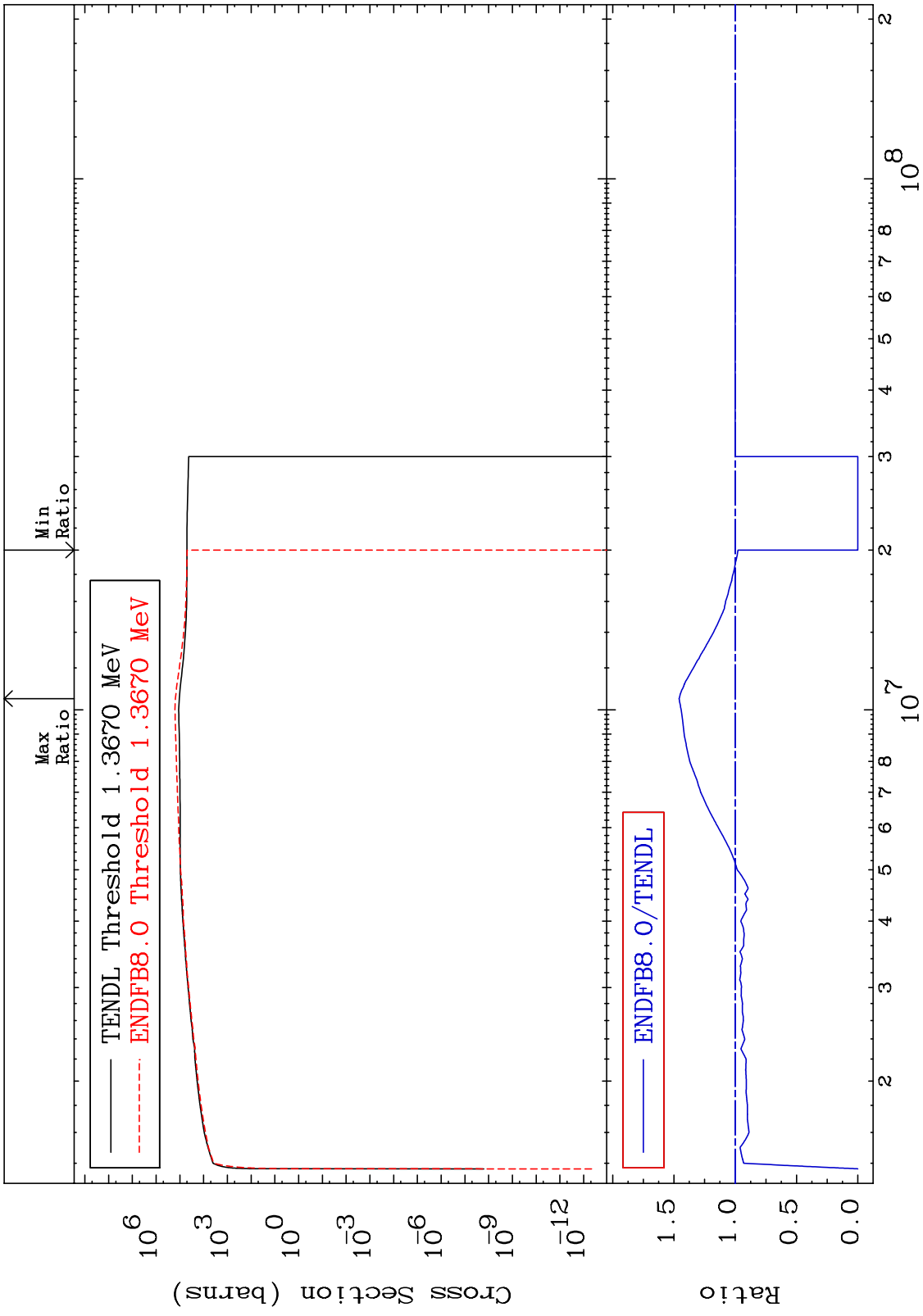
28-Ni-64
-81.97 To 303.9 %



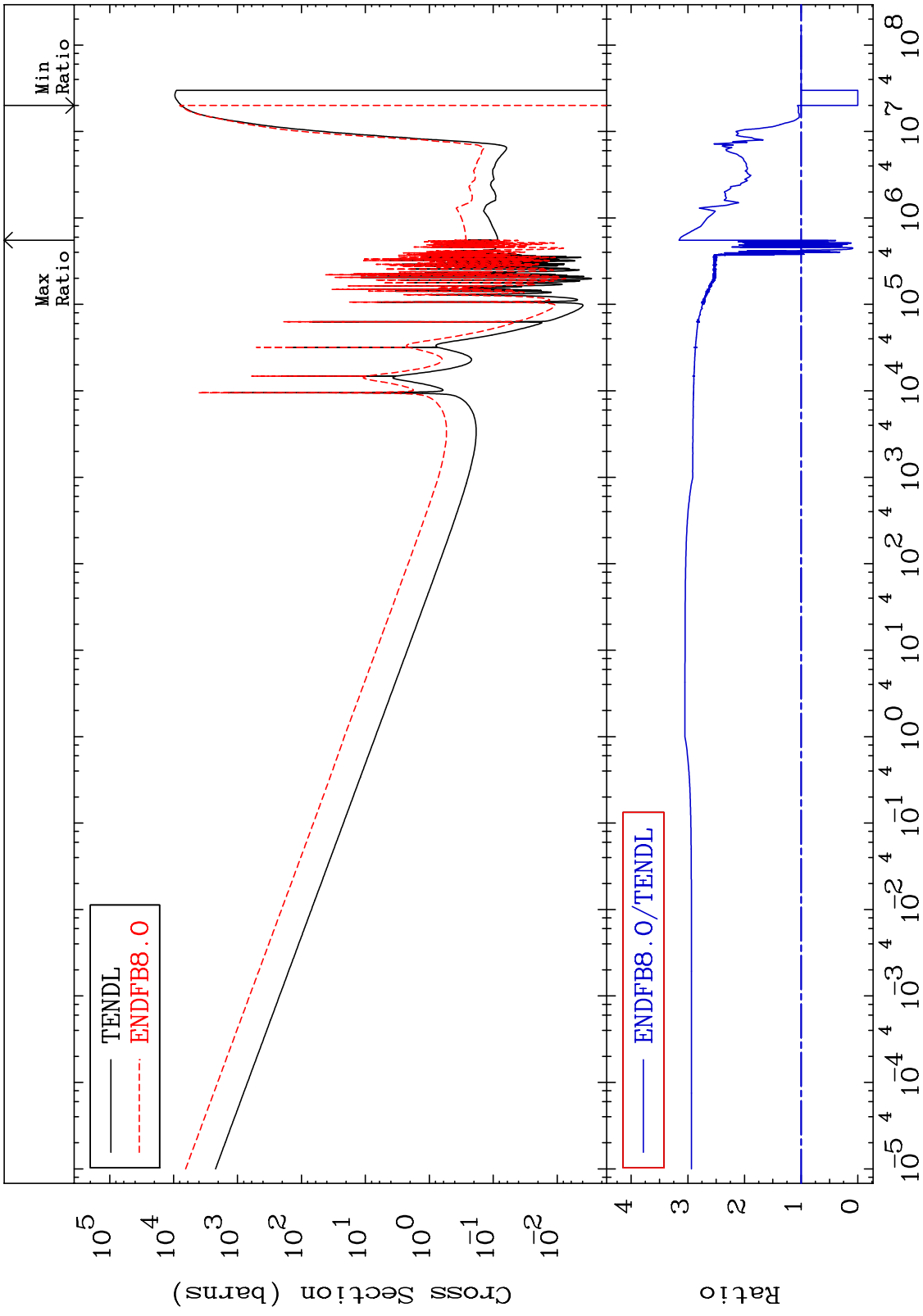
MAT 2843 Dpa elastic (mt2) 28-Ni-64
 Cross Section -81.97 To 739.2 %



MAT 2843 Dpa inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 45.87 %



MAT 2843 Dpa disappearance (mt102 -120) 28-Ni-64
Cross Section -100.0 To 215.5 %



60 Incident Energy (eV) 28-Ni-64