

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

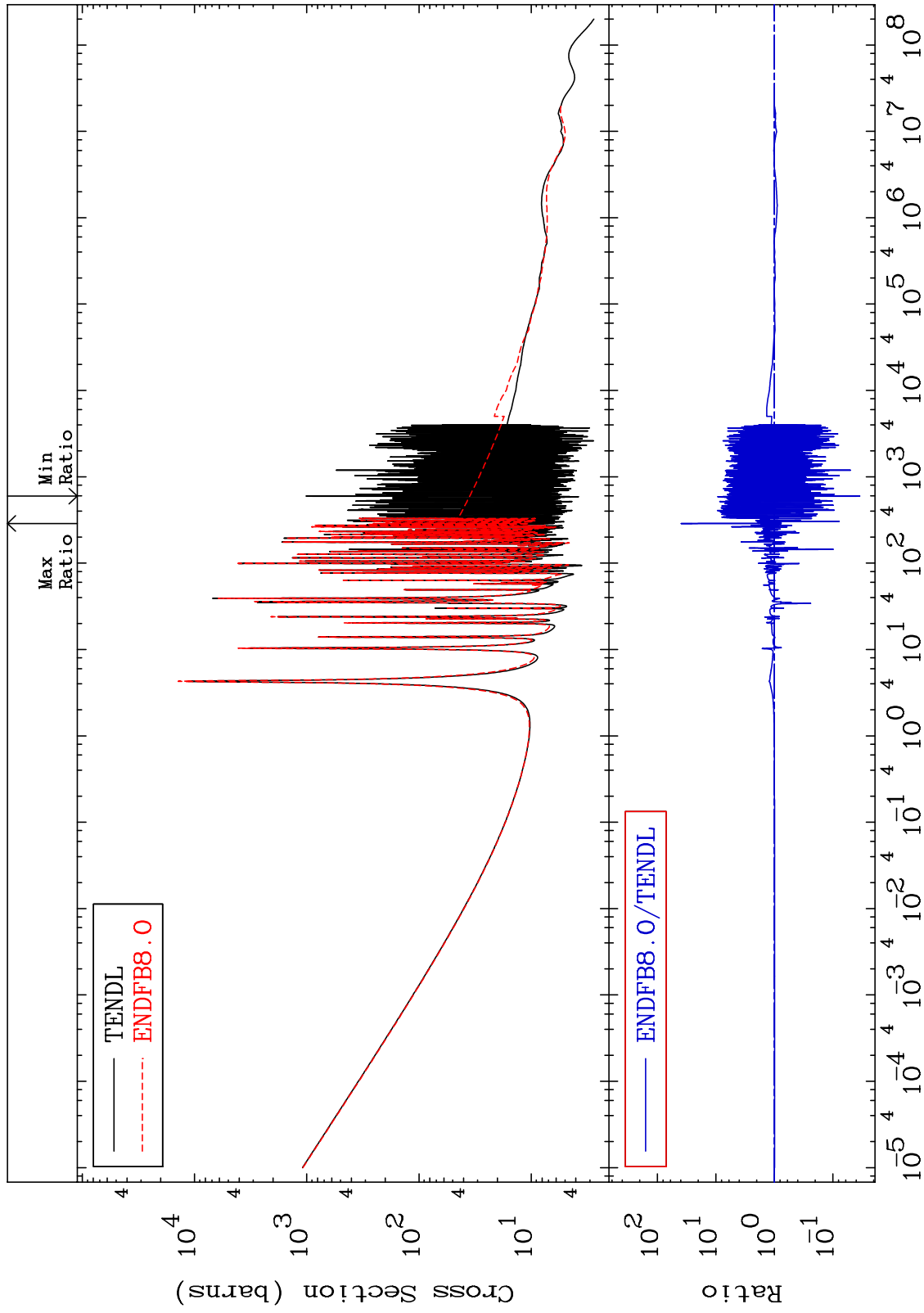
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7328

Total
Cross Section

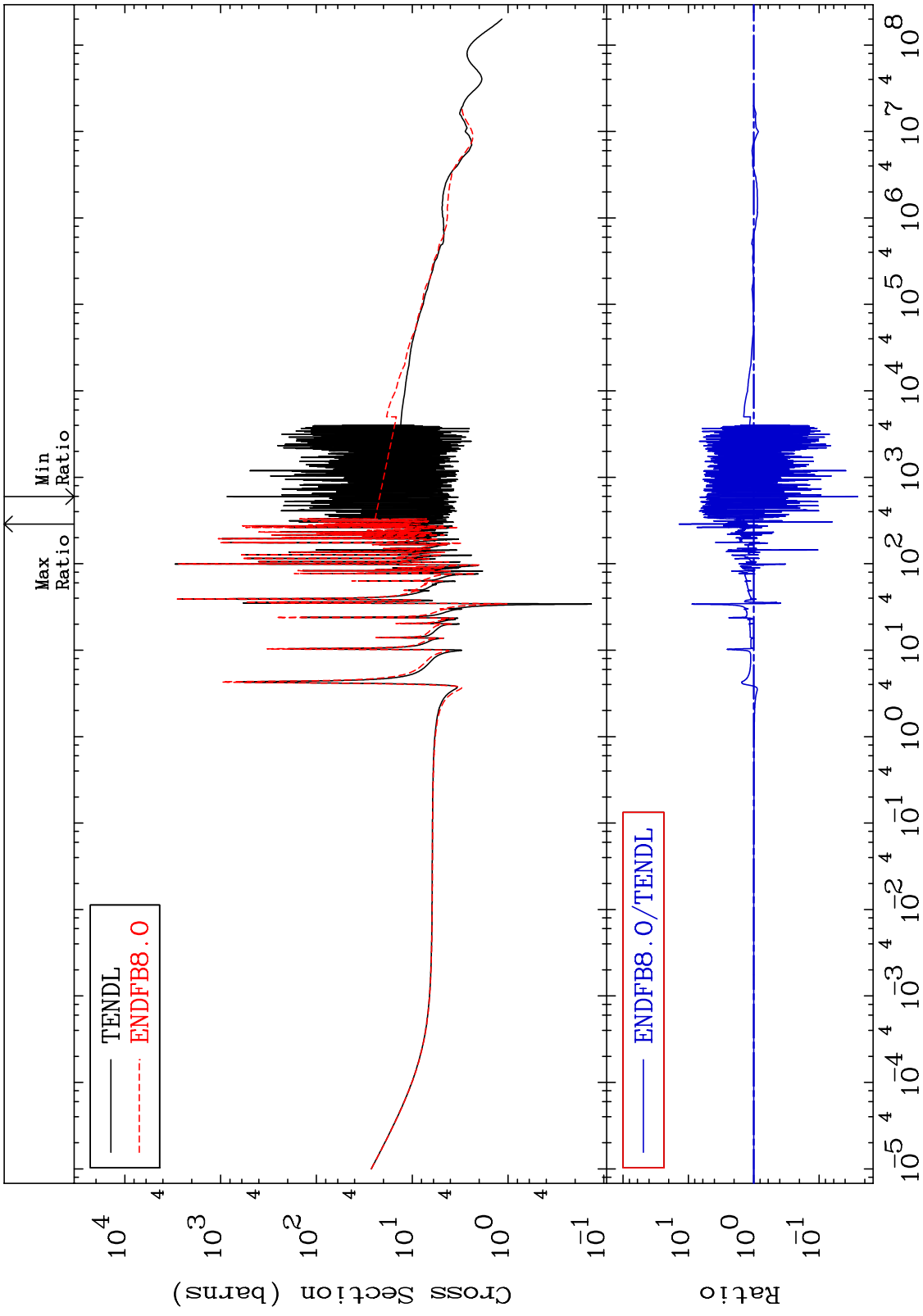
73-Ta-181
-96.53 To 3814. %



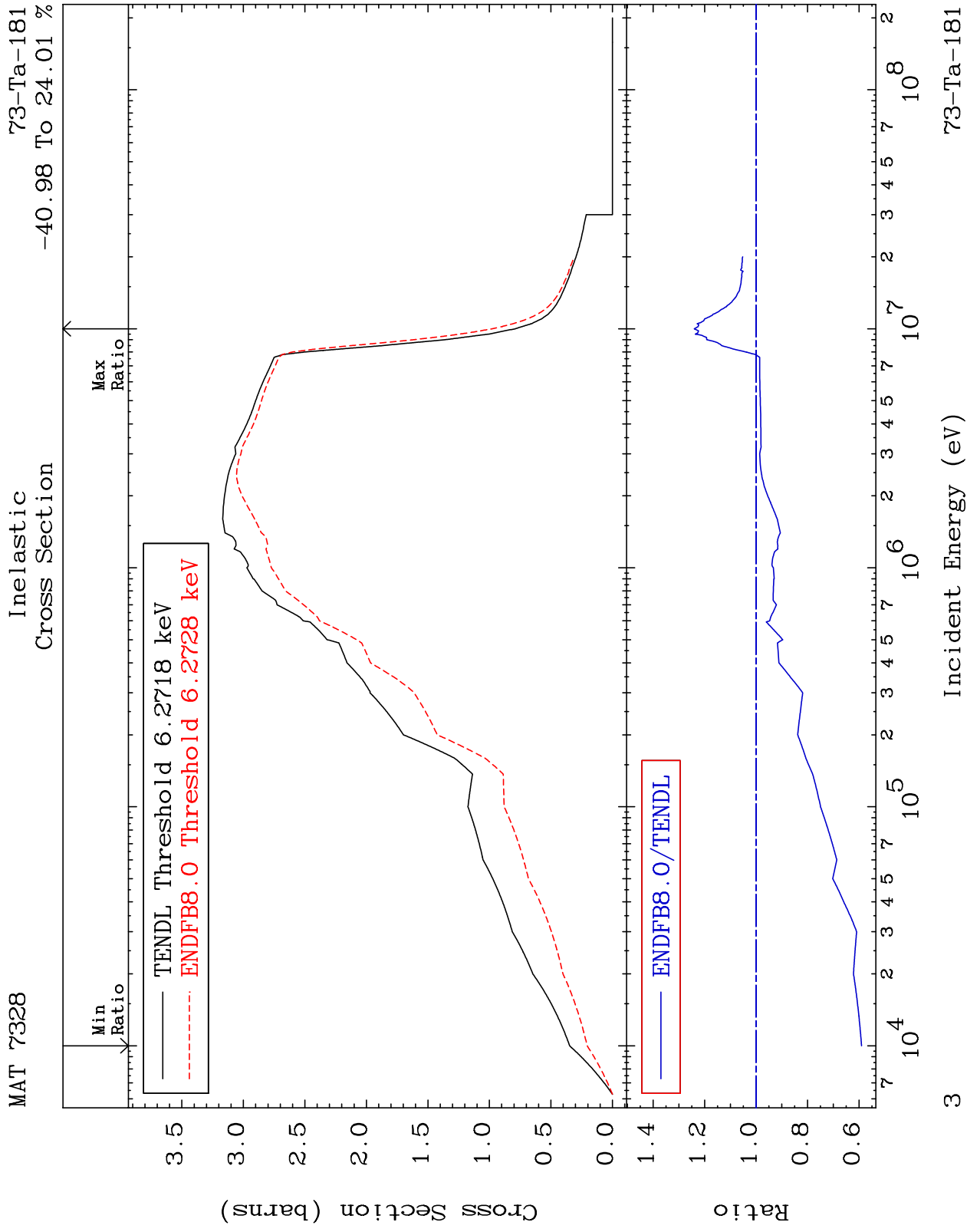
Incident Energy (eV)

73-Ta-181

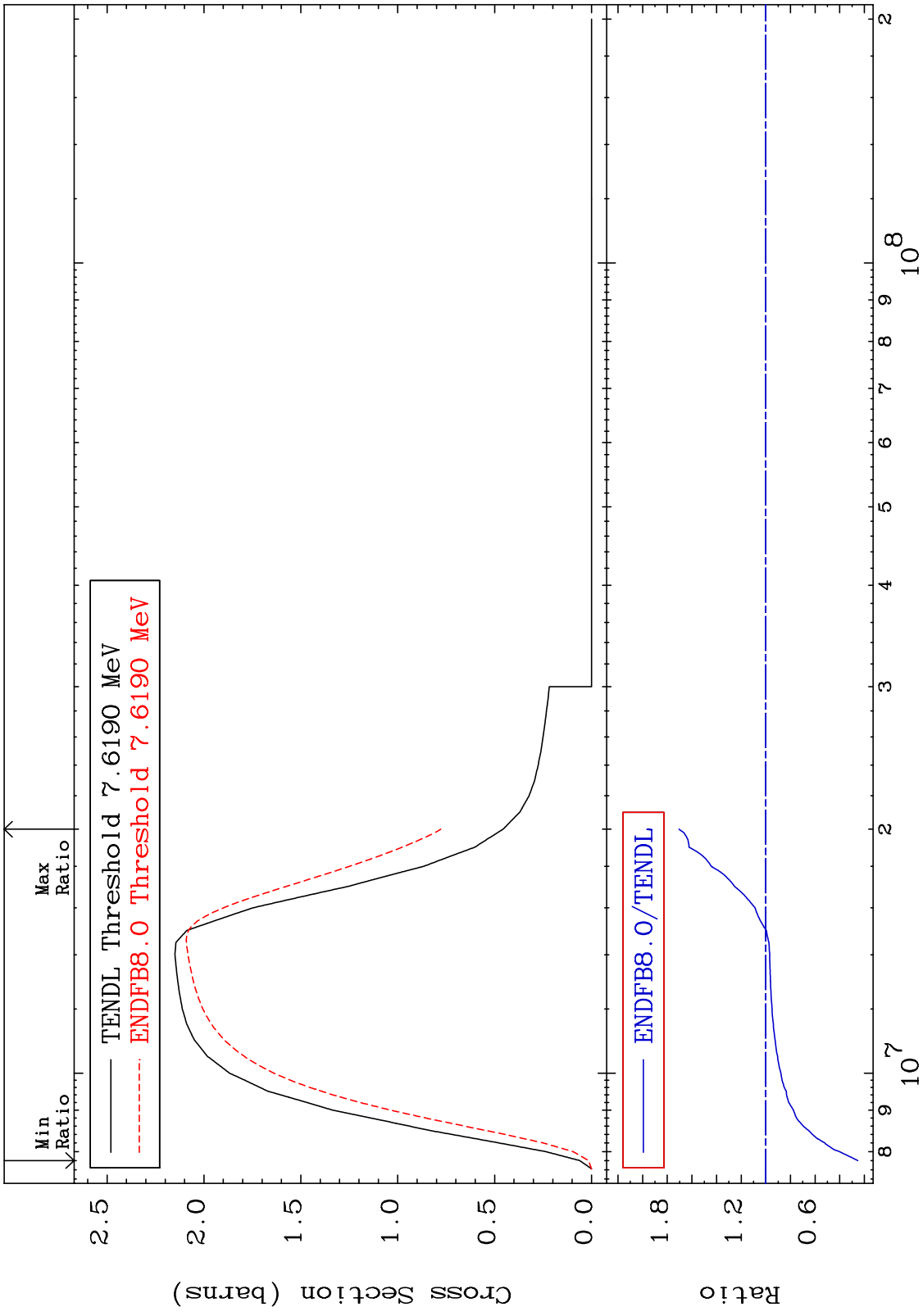
MAT 7328 Elastic Cross Section 73-Ta-181 -97.44 To 1289. %



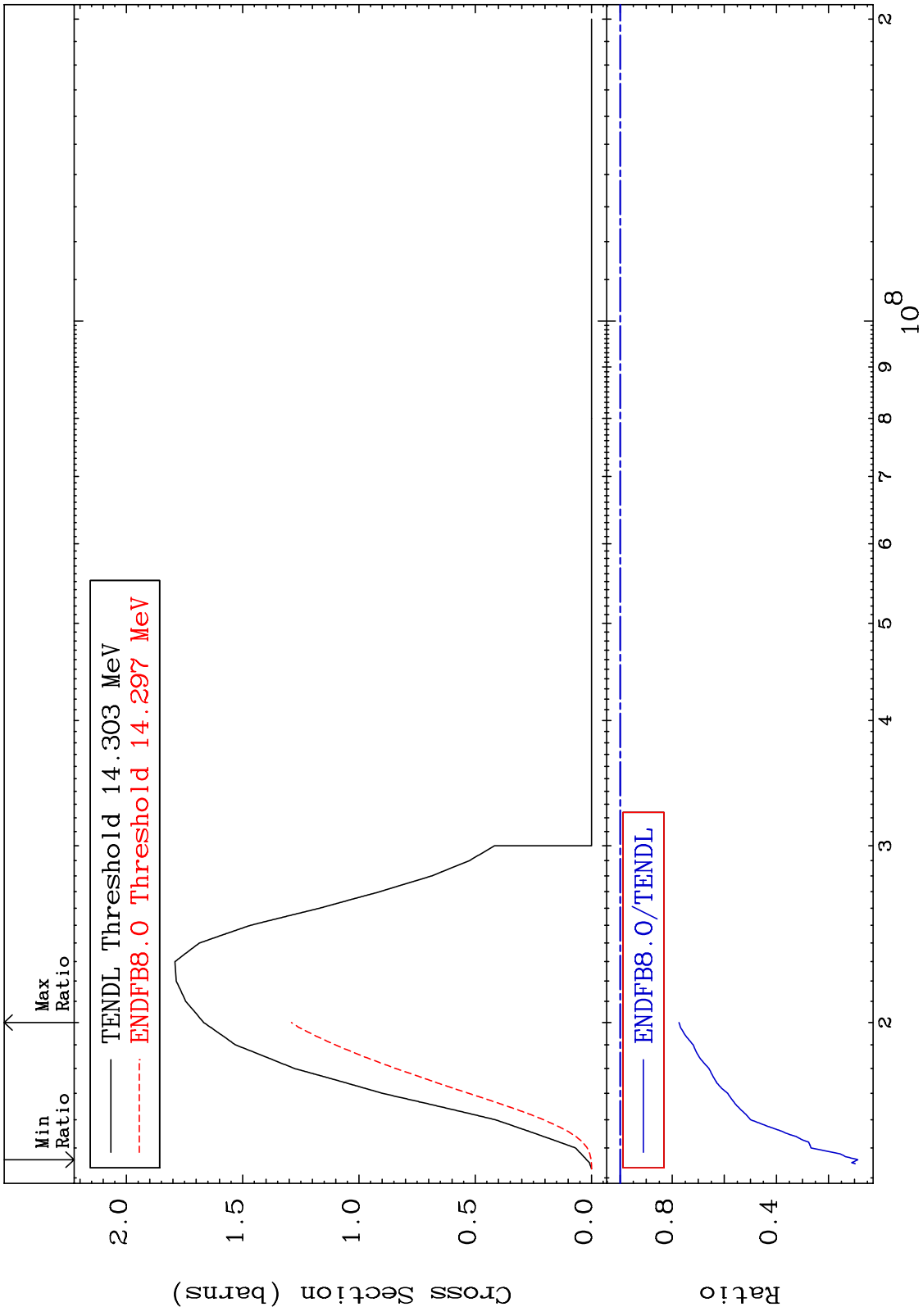
2 Incident Energy (eV) 73-Ta-181



MAT 7328 $(n,2n)$ $^{73}\text{Ta-181}$
 Cross Section -74.72 To 70.45 %



MAT 7328 (n,3n) Cross Section 73-Ta-181 -91.30 To -22.60%



5 73-Ta-181

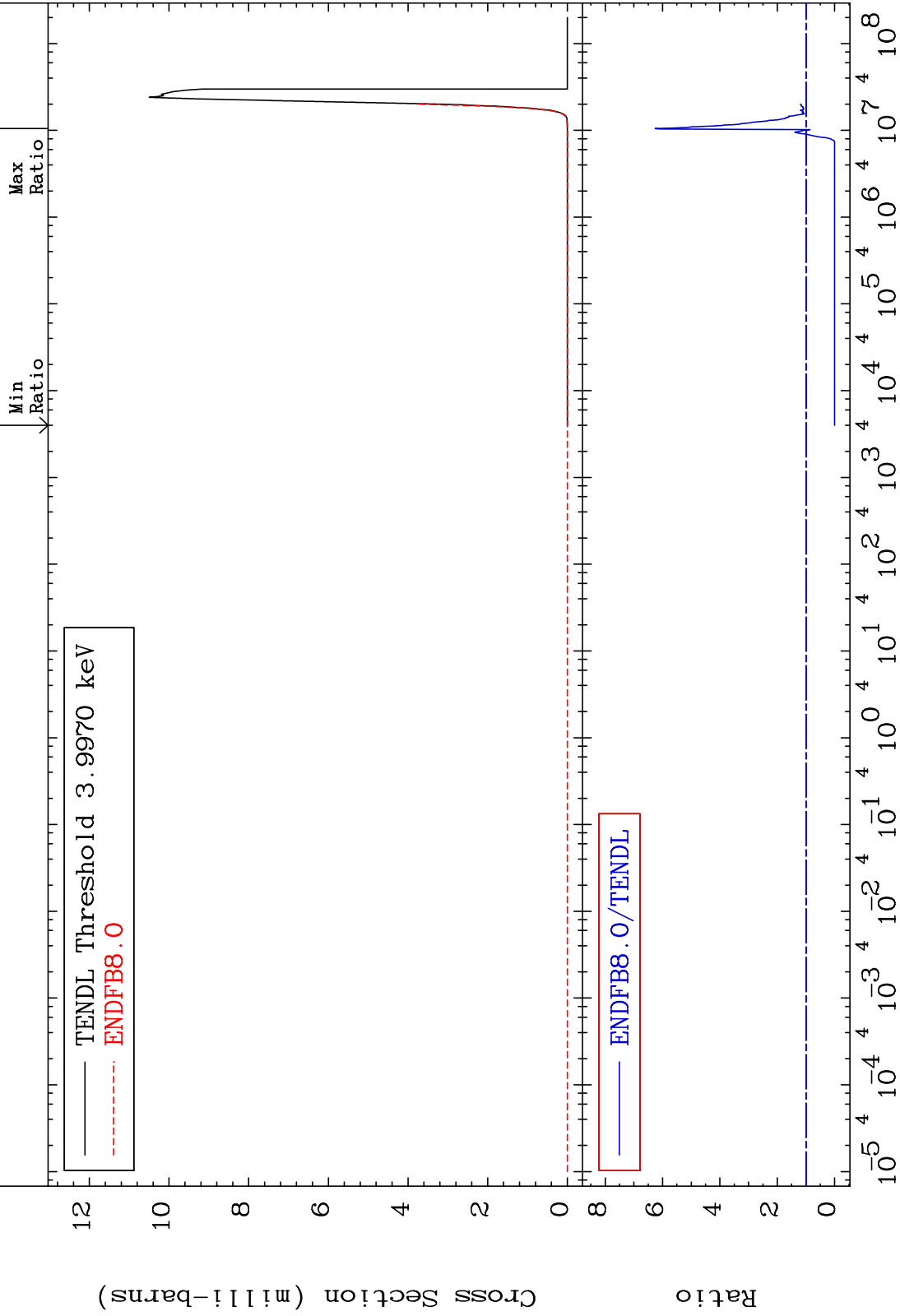
MAT 7328

$(n, n') \alpha$

73-Ta-181

Cross Section

-100.0 To 525.9 %

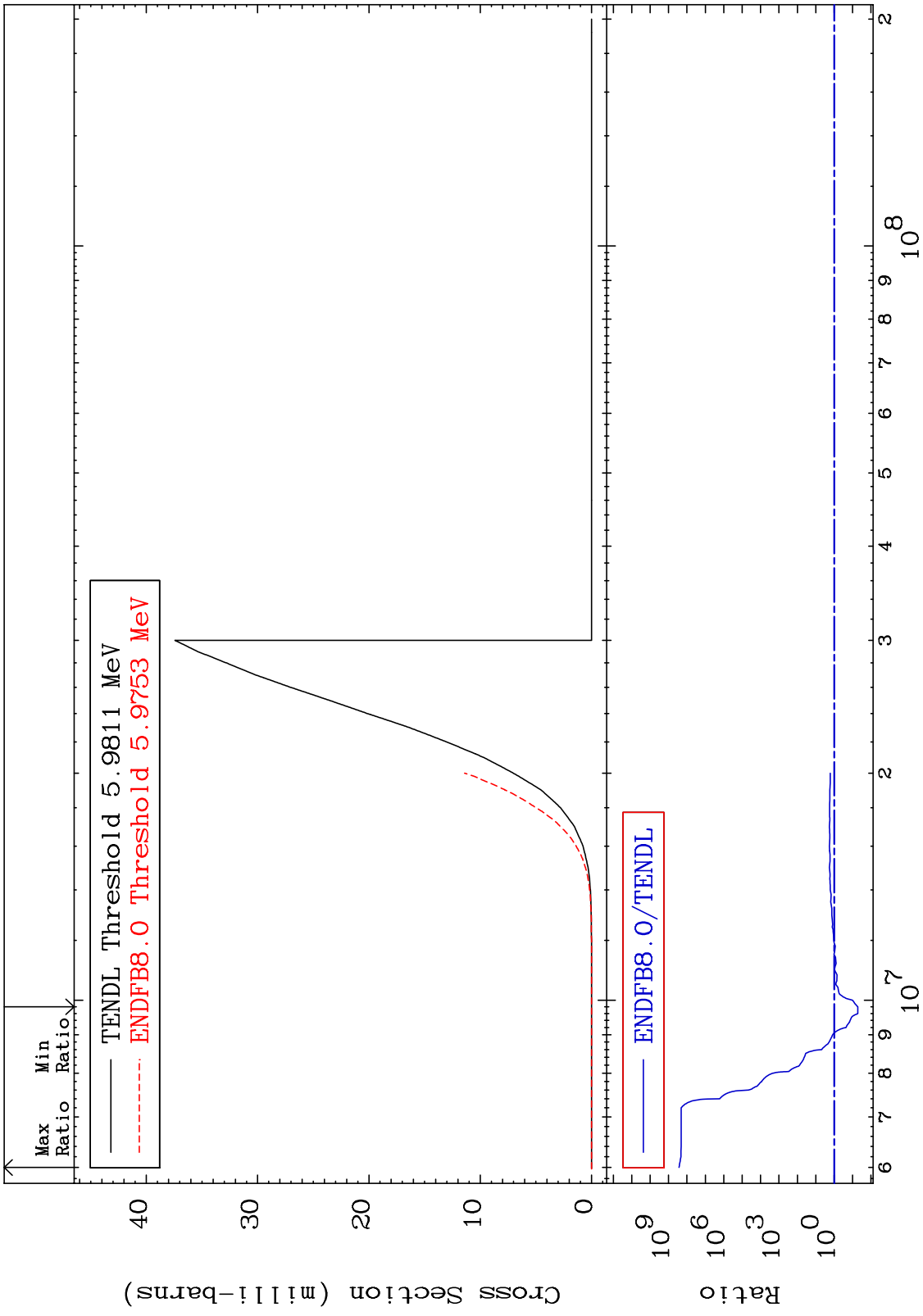


6

Incident Energy (eV)

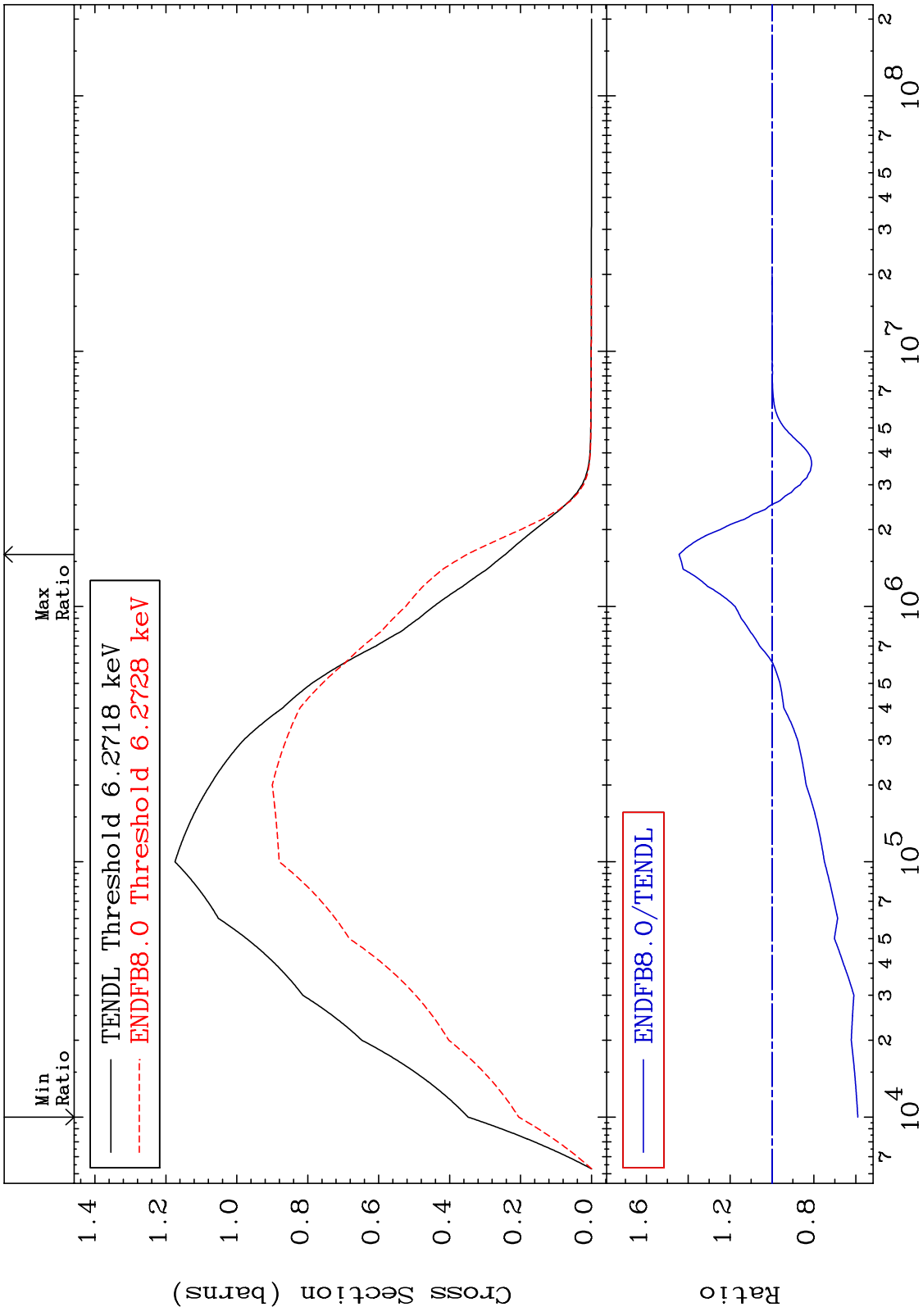
73-Ta-181

MAT 7328 (n,n') p 73-Ta-181
 Cross Section -94.83 To 9999. %

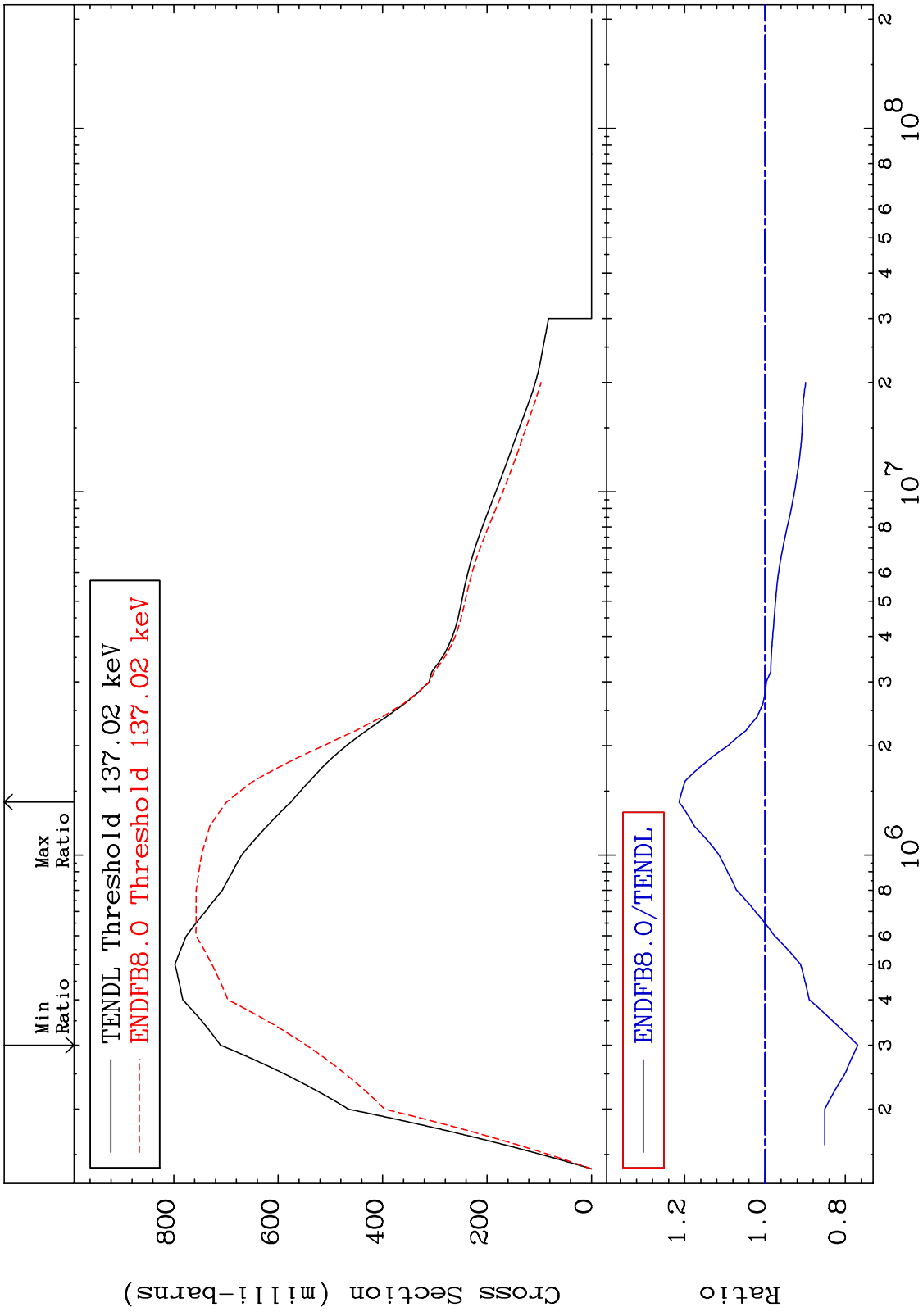


73-Ta-181

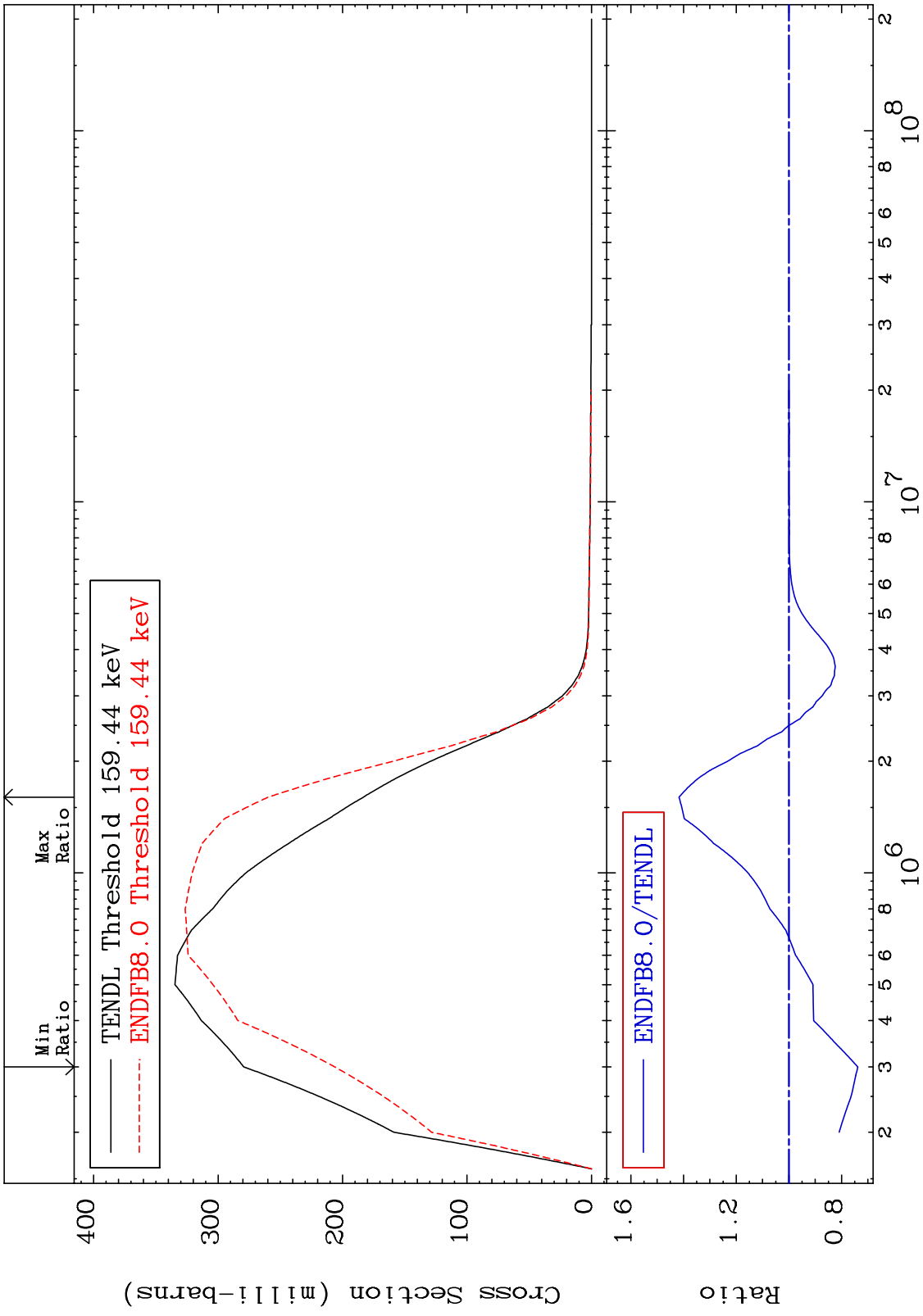
MAT 7328 MT= 51 (n,n') Level Cross Section 73-Ta-181
 -40.98 To 44.40 %



MAT 7328 MT= 52 (n,n') Level Cross Section 73-Ta-181 -23.12 To 21.41 %

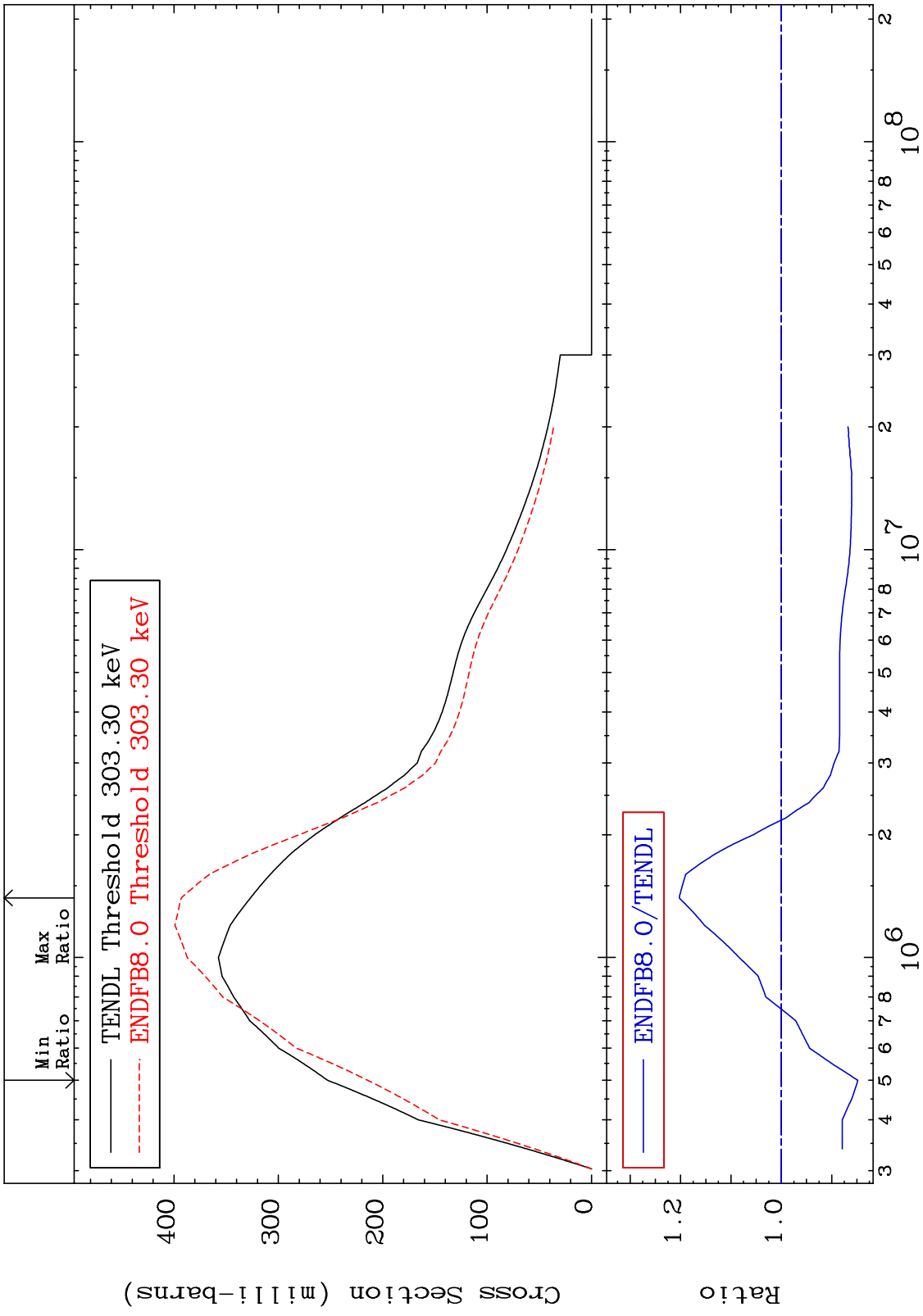


MAT 7328 MT= 53 (n,n') Level Cross Section 73-Ta-181 -26.17 To 41.69 %

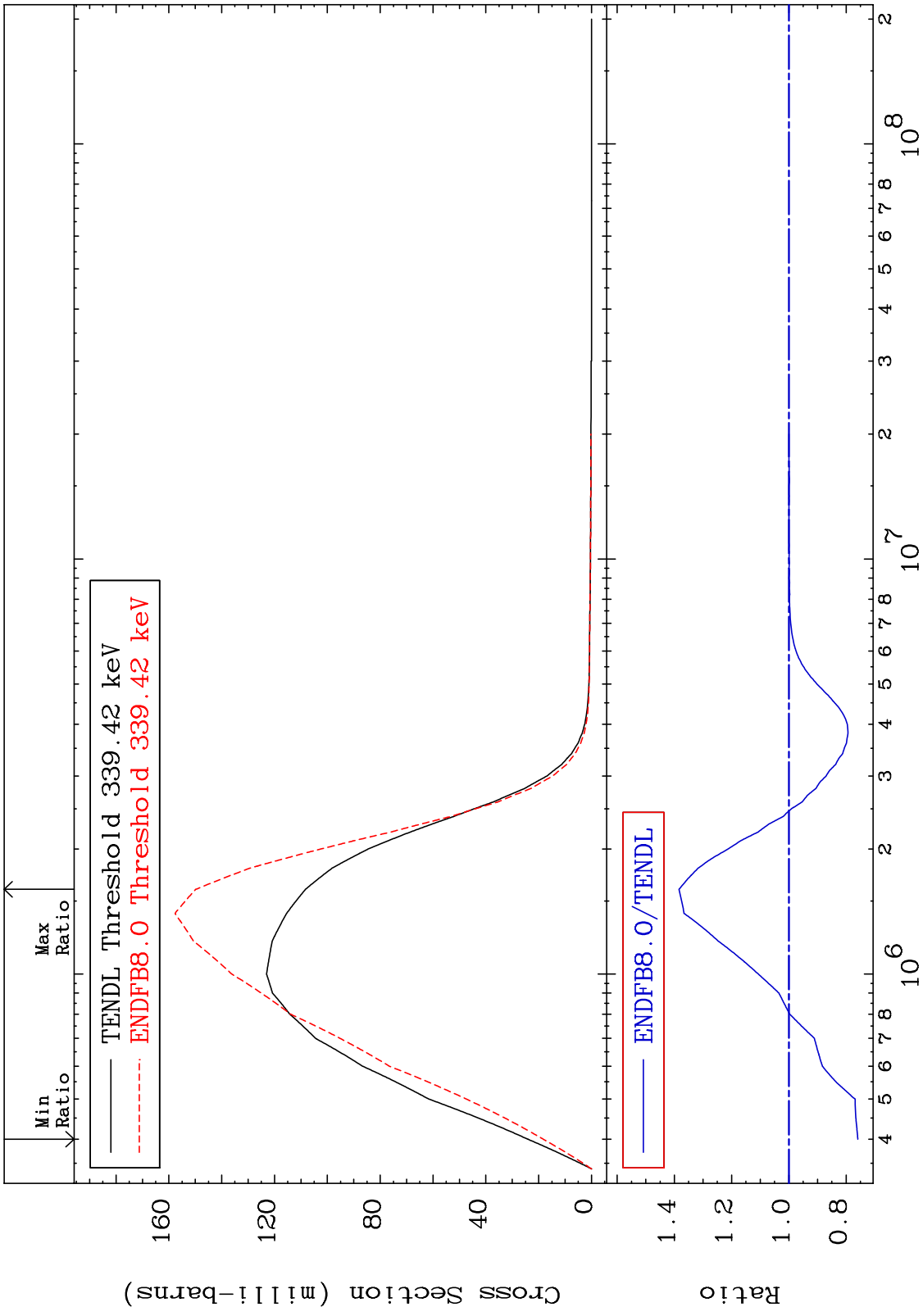


10 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 54 (n,n') Level Cross Section 73-Ta-181
 -15.19 To 20.30 %

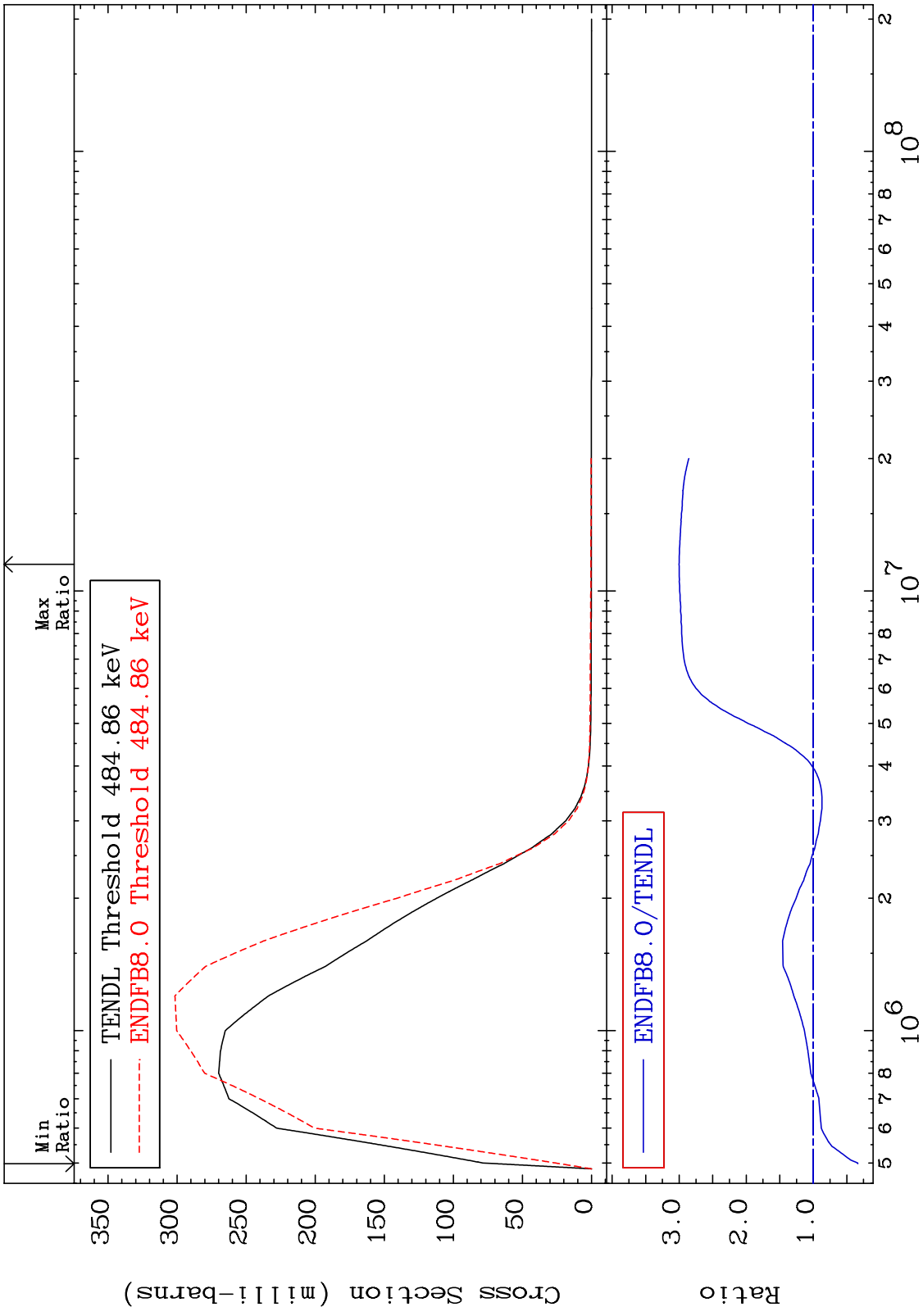


MAT 7328 MT= 55 (n,n') Level Cross Section 73-Ta-181
 -24.09 To 38.37 %

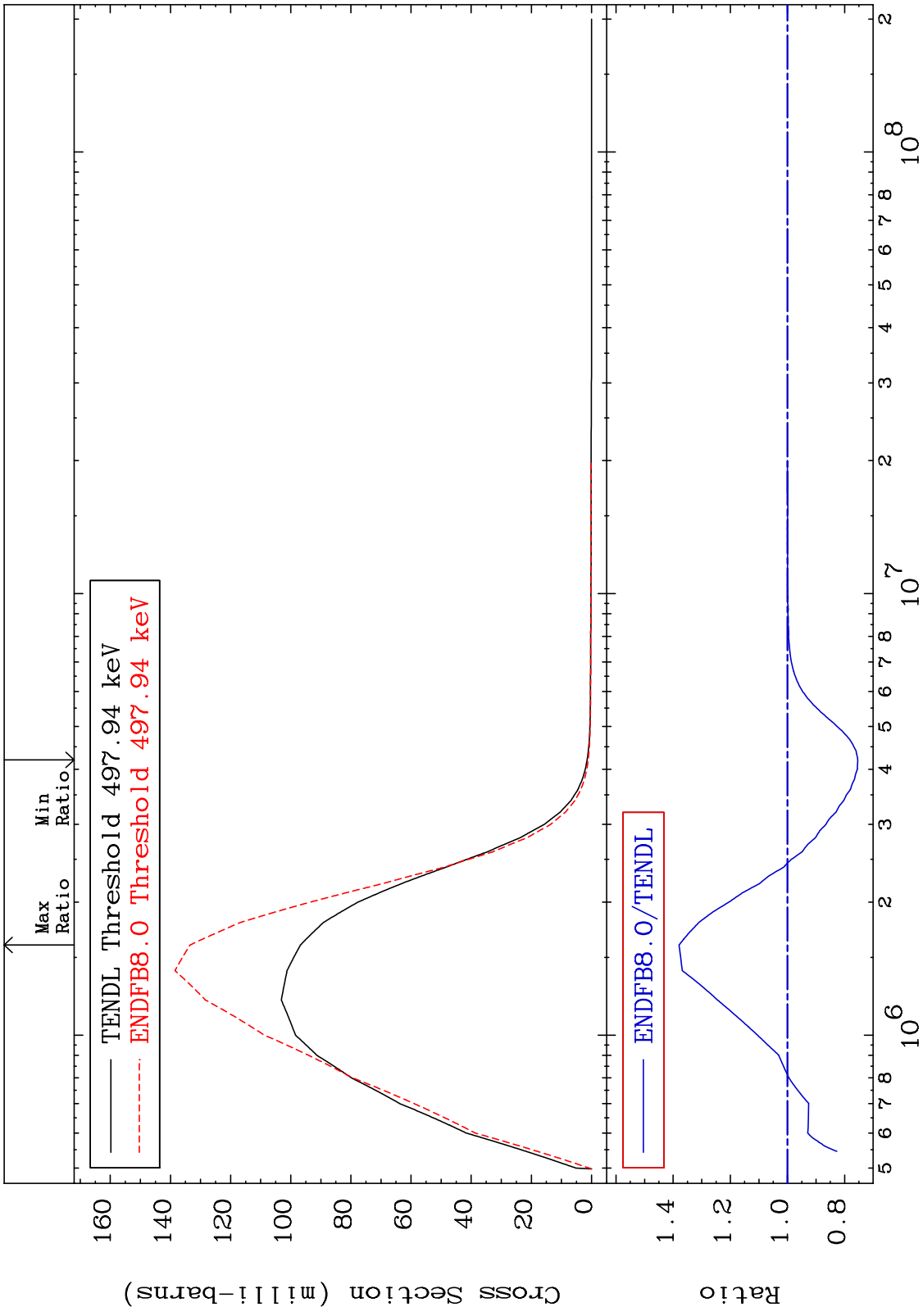


12 73-Ta-181

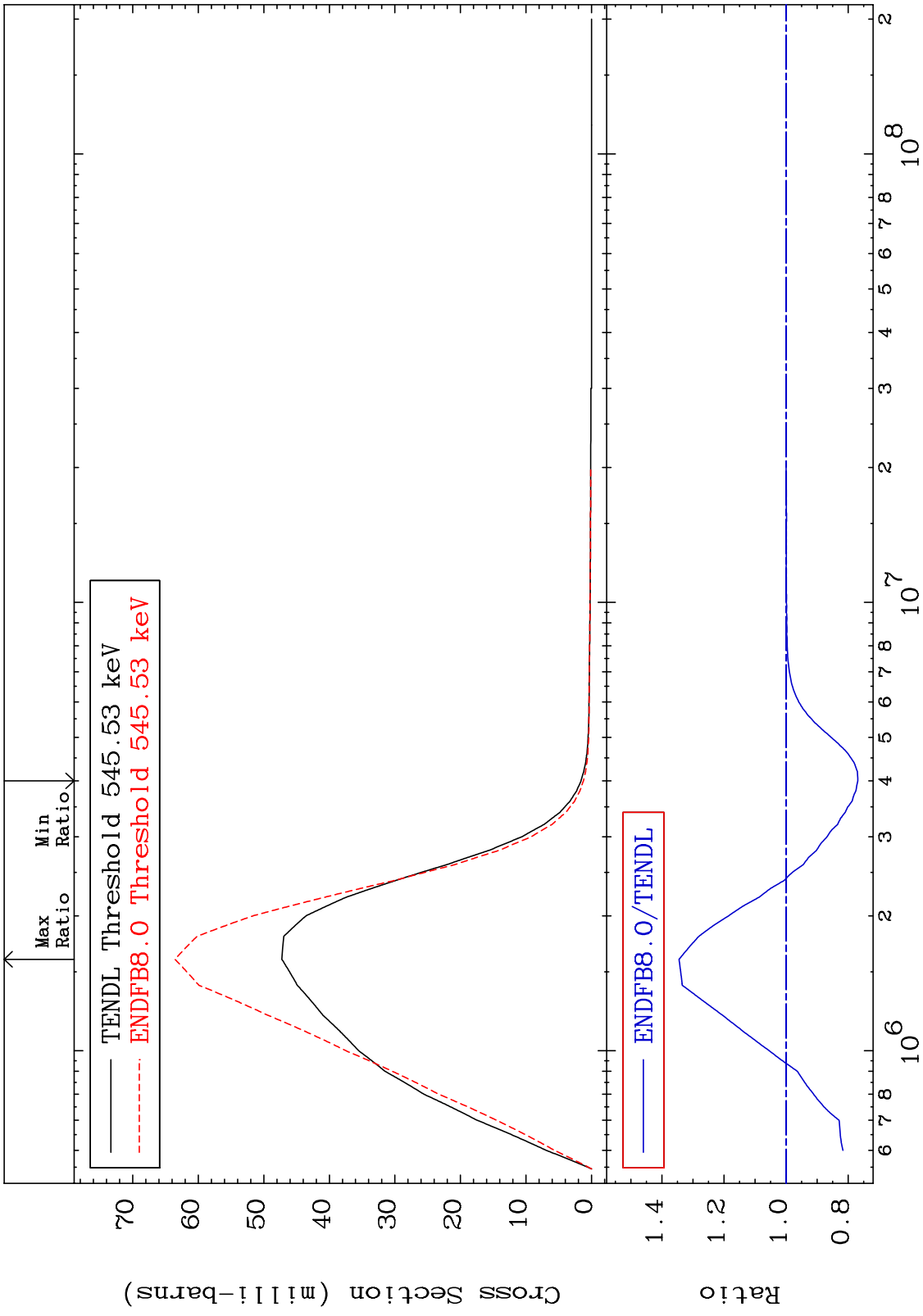
MAT 7328 MT= 56 (n,n') Level Cross Section 73-Ta-181 -66.49 To 200.2 %



MAT 7328 MT= 57 (n,n') Level Cross Section 73-Ta-181 -24.63 To 37.94 %

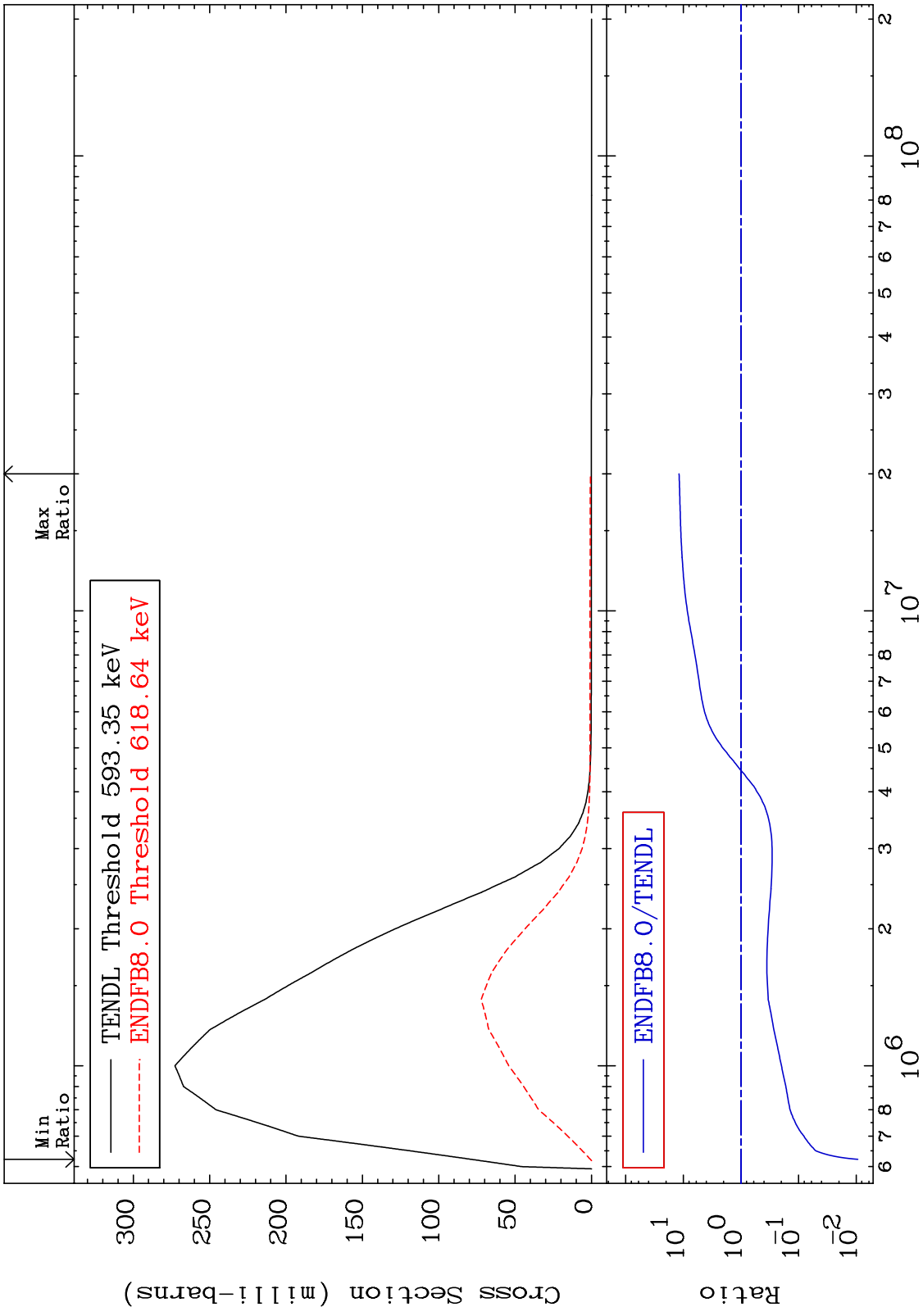


MAT 7328 MT= 58 (n,n') Level Cross Section 73-Ta-181
 -23.09 To 34.52 %

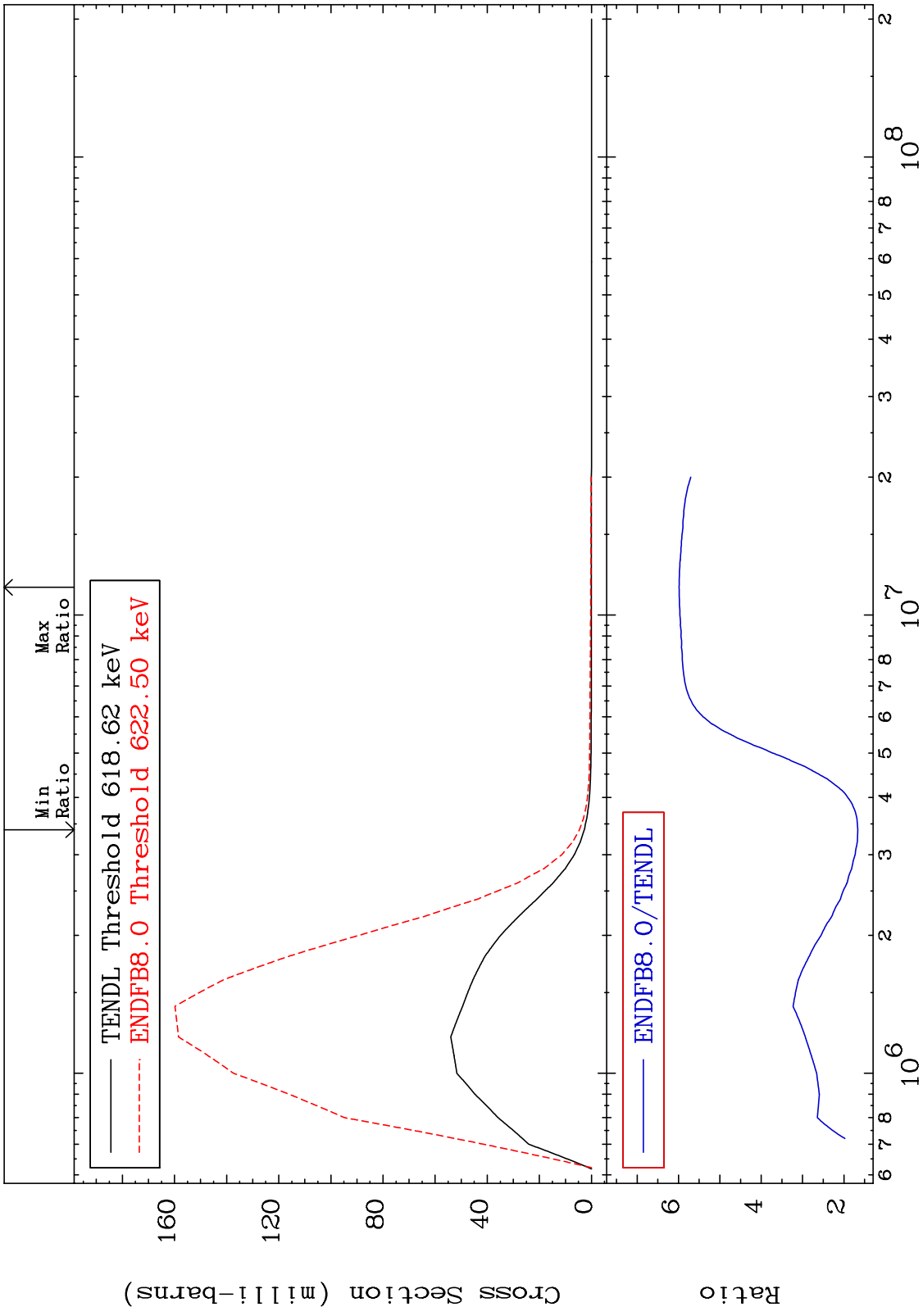


15 73-Ta-181

MAT 7328 MT= 59 (n,n') Level Cross Section 73-Ta-181 -99.06 To 1089. %

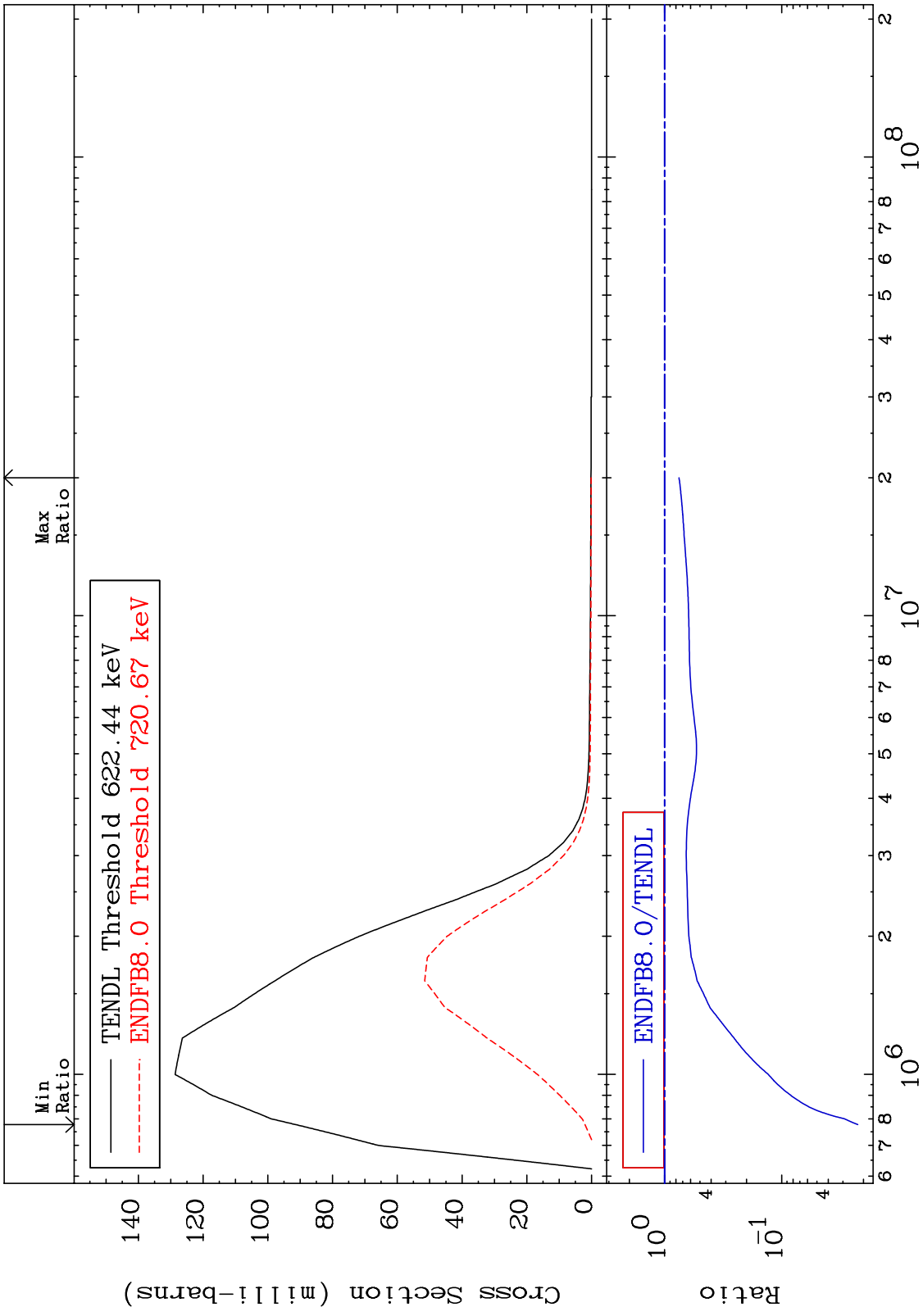


MAT 7328 MT= 60 (n,n') Level Cross Section 73-Ta-181 66.36 To 498.7 %



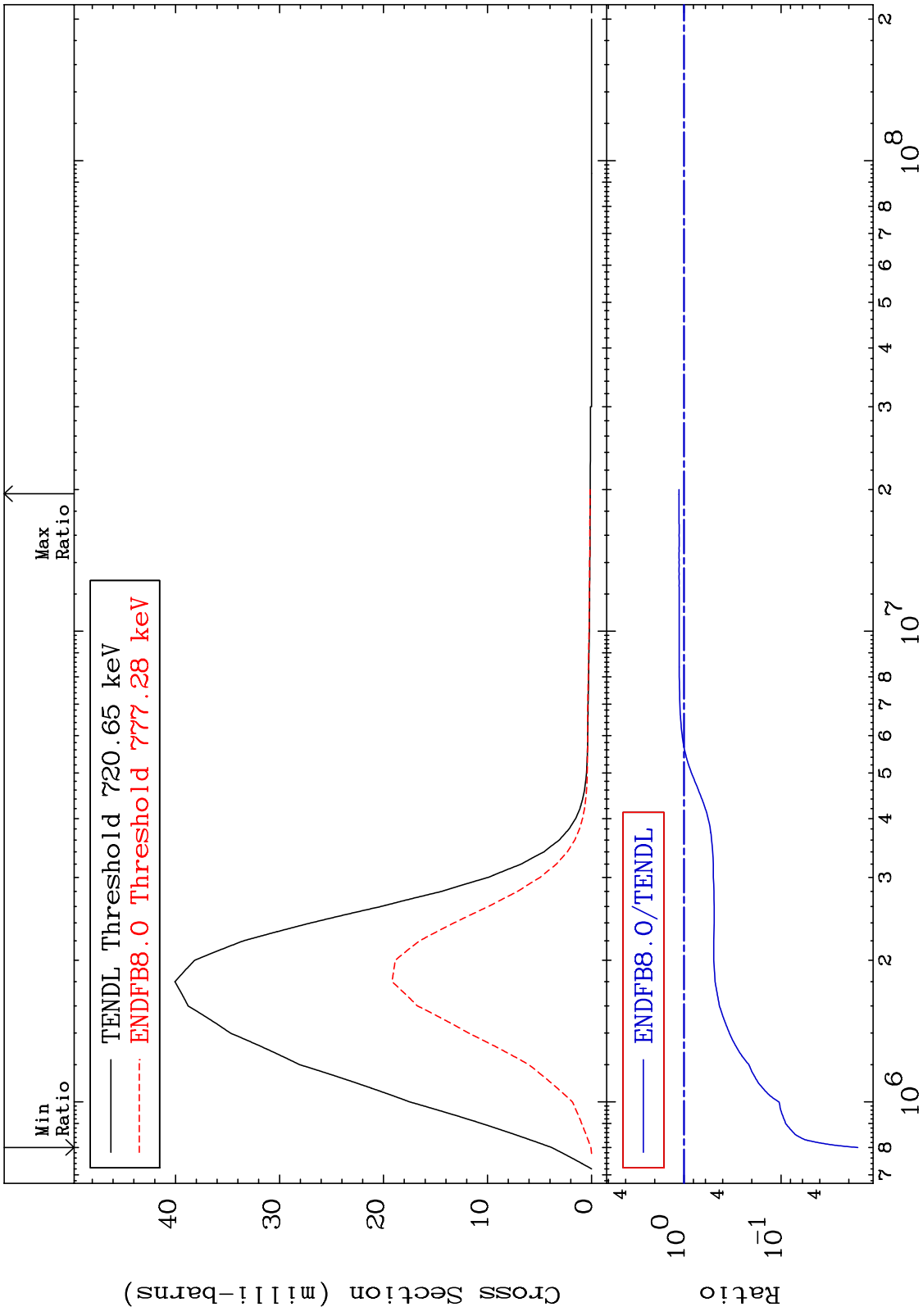
17 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 61 (n,n') Level Cross Section 73-Ta-181 -97.77 To -24.67%



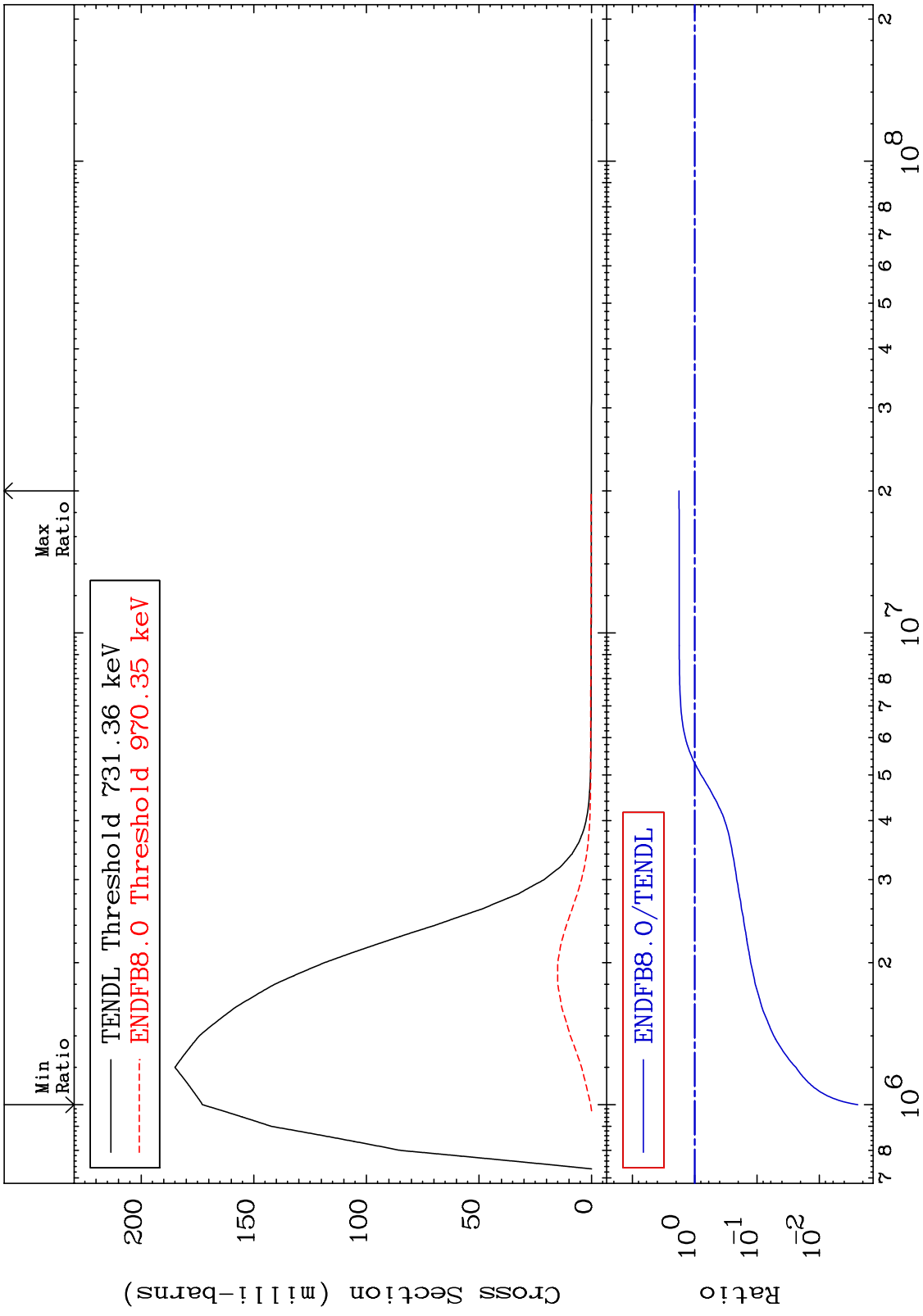
18 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 62 (n,n') Level Cross Section 73-Ta-181 -98.38 To 12.48 %

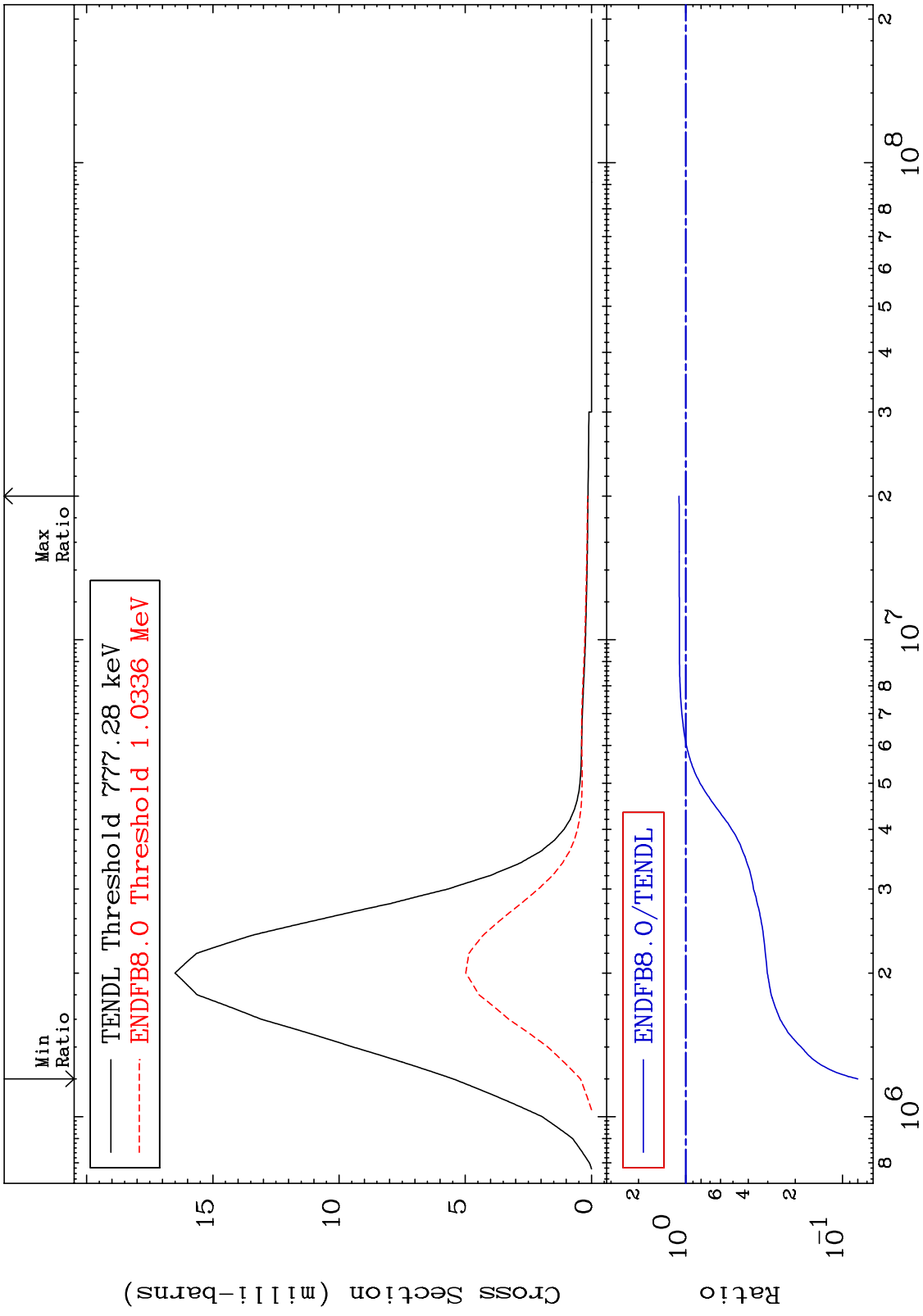


19 Incident Energy (eV) 73-Ta-181

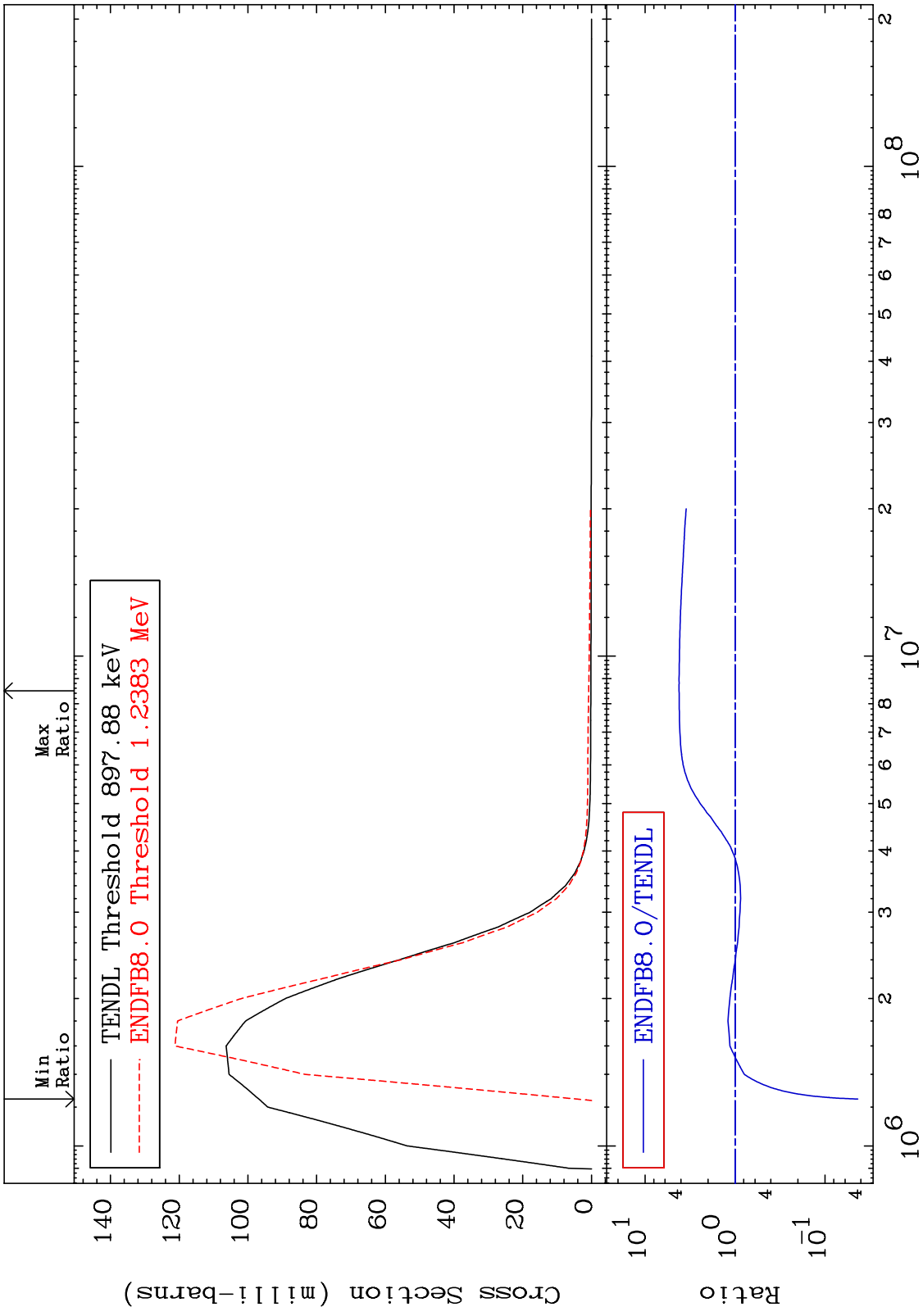
MAT 7328 MT= 63 (n,n') Level Cross Section 73-Ta-181 -99.76 To 78.97 %



MAT 7328 MT= 64 (n,n') Level Cross Section 73-Ta-181
 -92.01 To 10.37 %

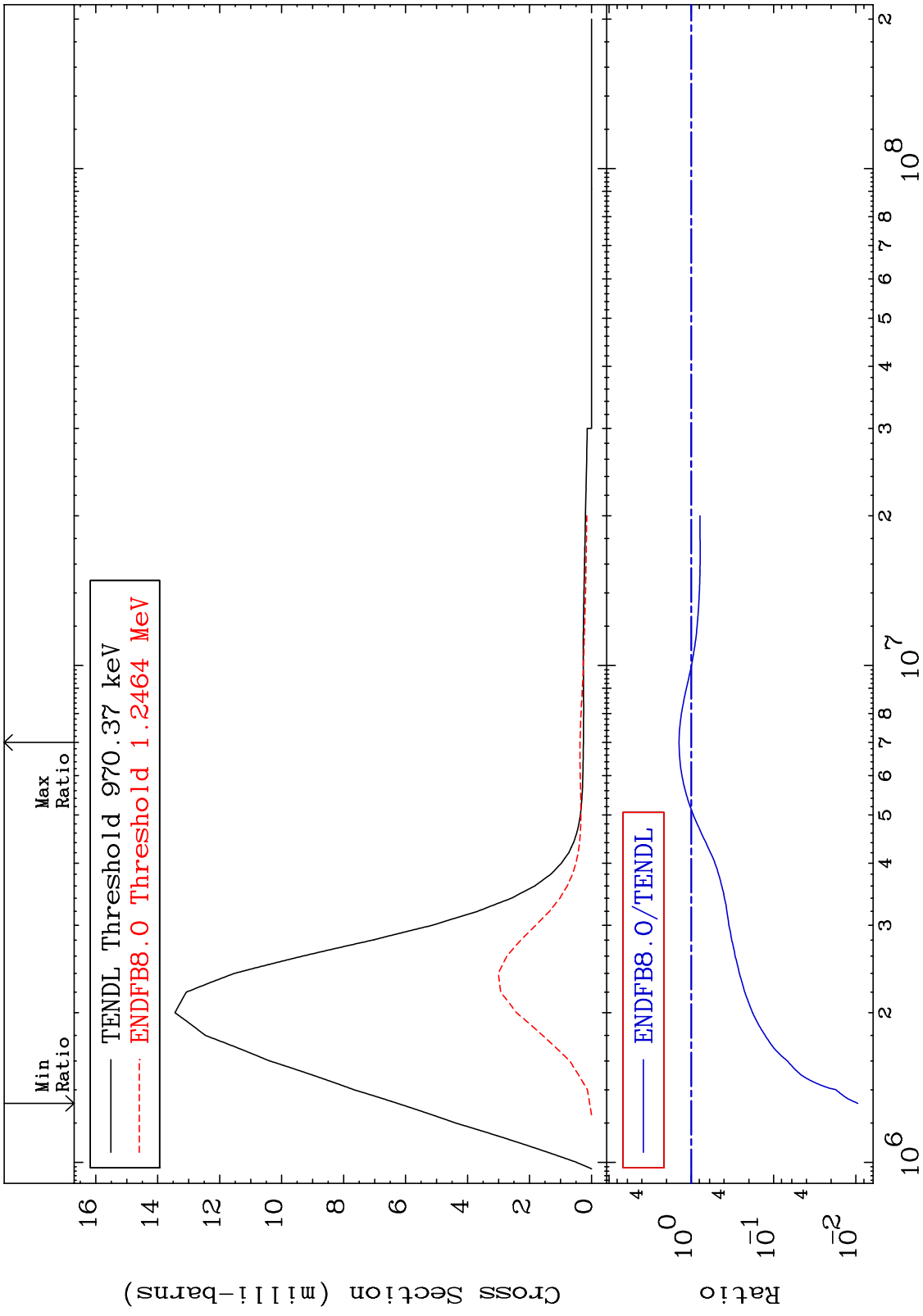


MAT 7328 MT= 65 (n,n') Level Cross Section 73-Ta-181
 -95.67 To 319.0 %



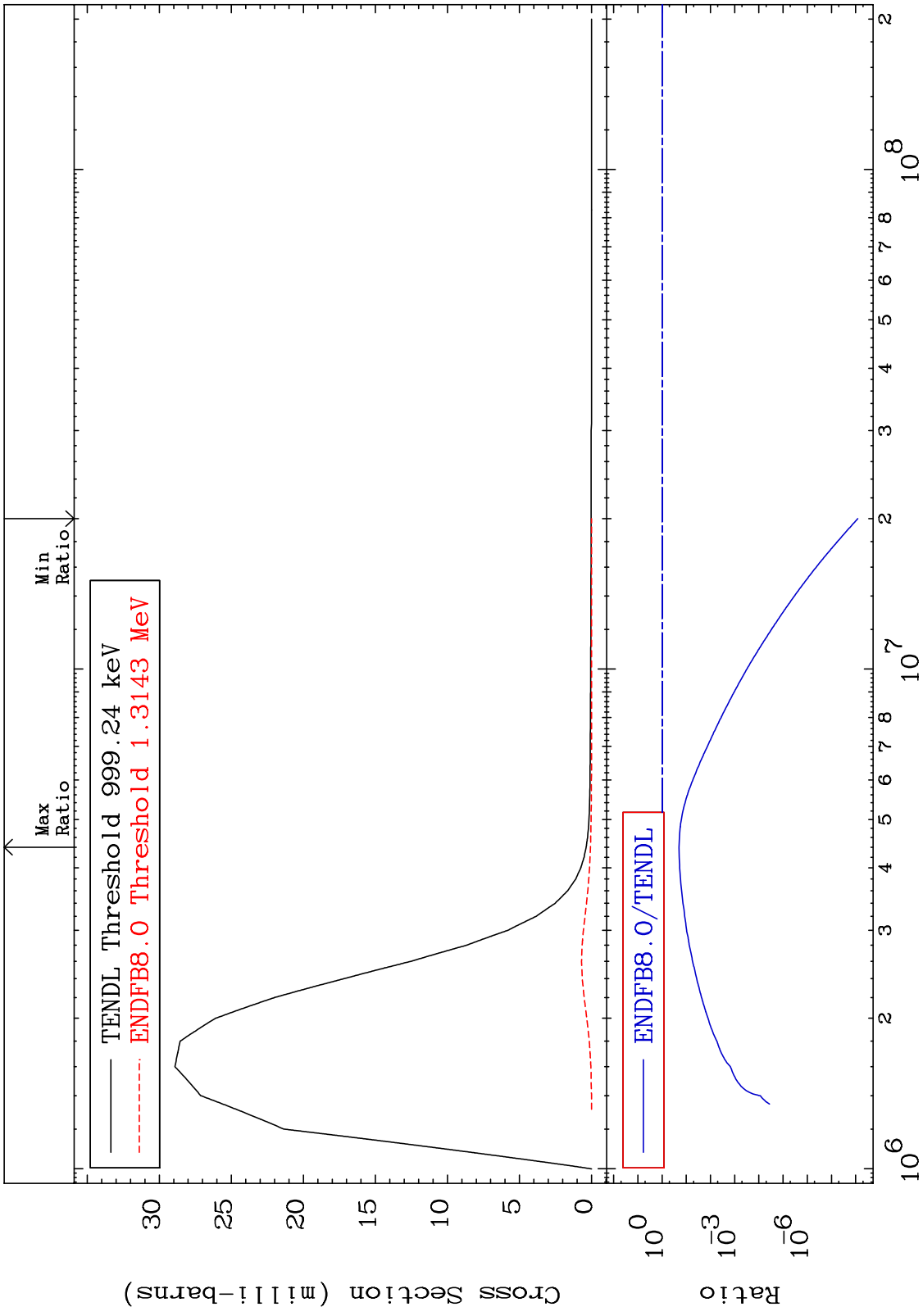
22 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 66 (n,n') Level Cross Section 73-Ta-181
 -99.05 To 41.00 %

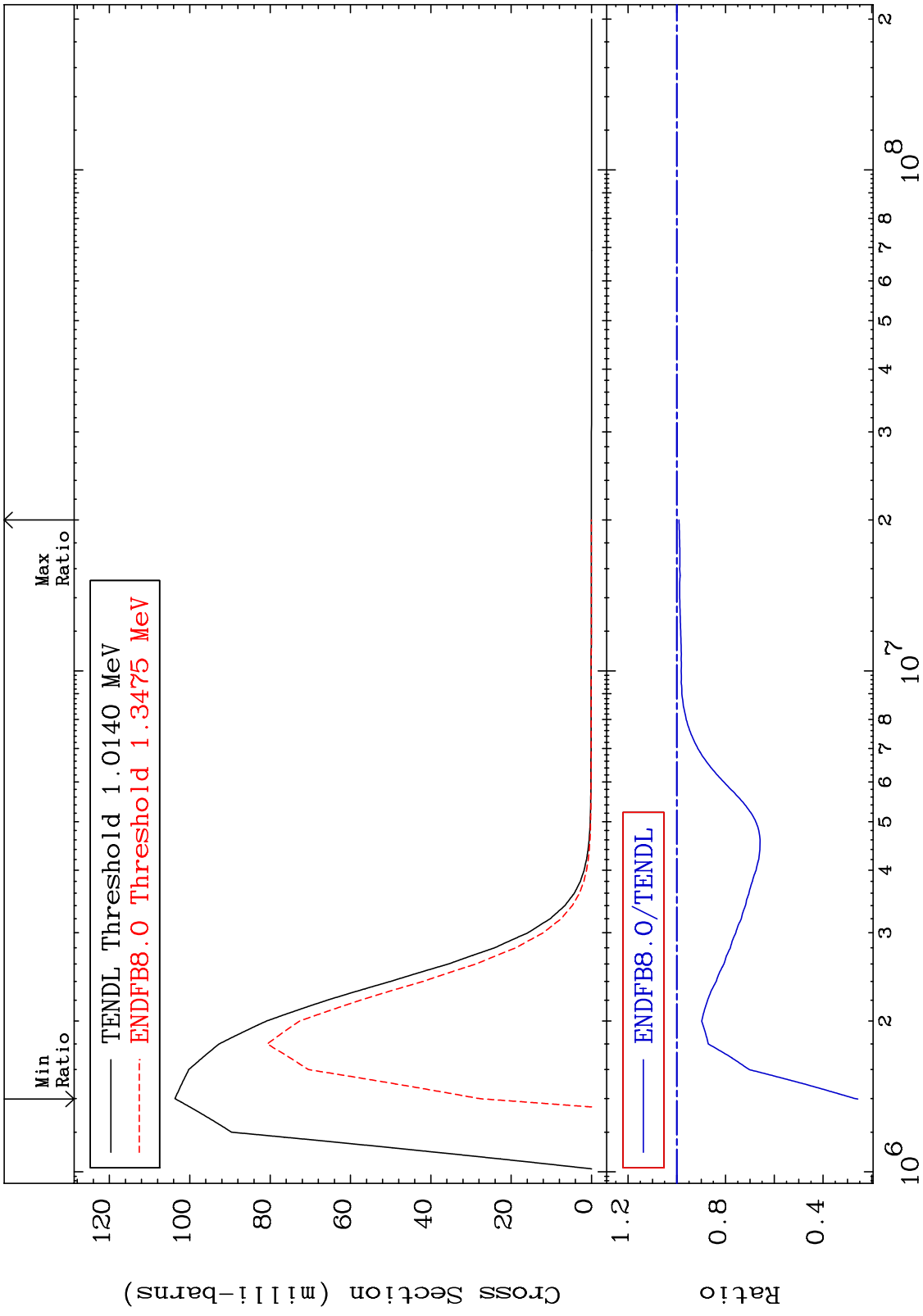


23 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 67 (n,n') Level Cross Section 73-Ta-181 -100.0 To -80.11%

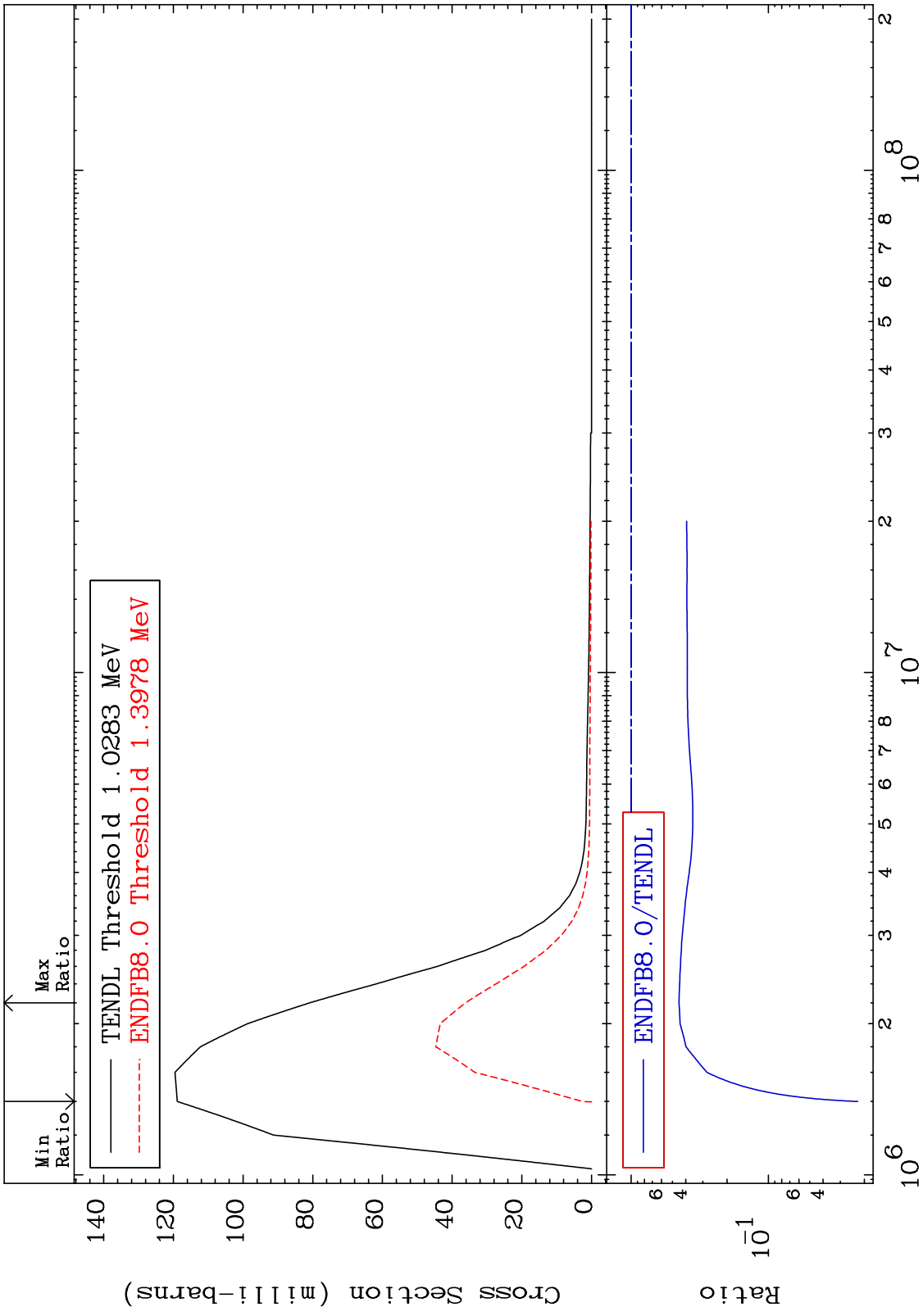


MAT 7328 MT= 68 (n,n') Level Cross Section 73-Ta-181
 -74.25 To -0.908%



25 Incident Energy (eV) 73-Ta-181

MAT 7328 MT= 69 (n,n') Level Cross Section 73-Ta-181 -97.77 To -55.26%

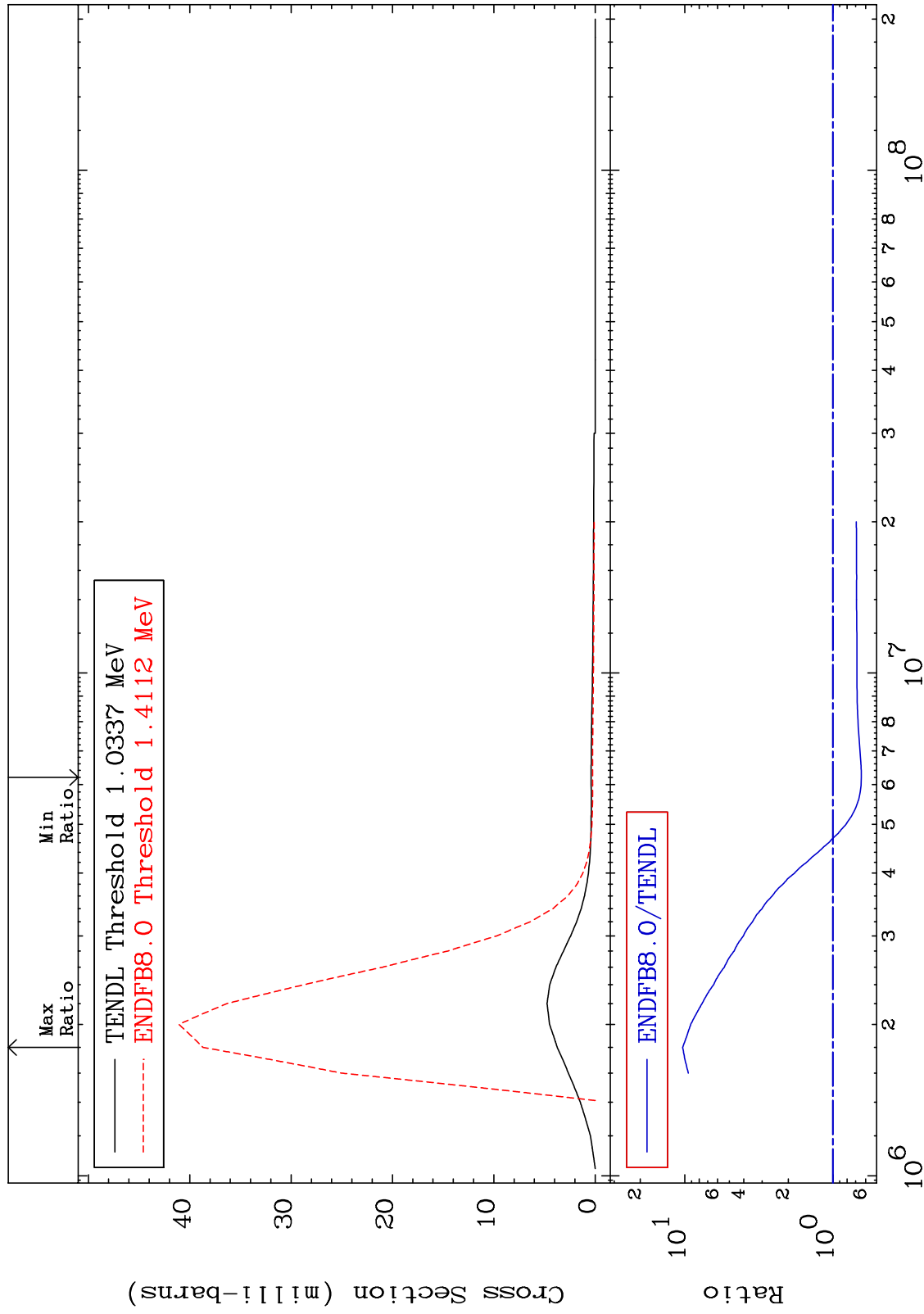


26 73-Ta-181 Incident Energy (eV)

MAT 7328

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

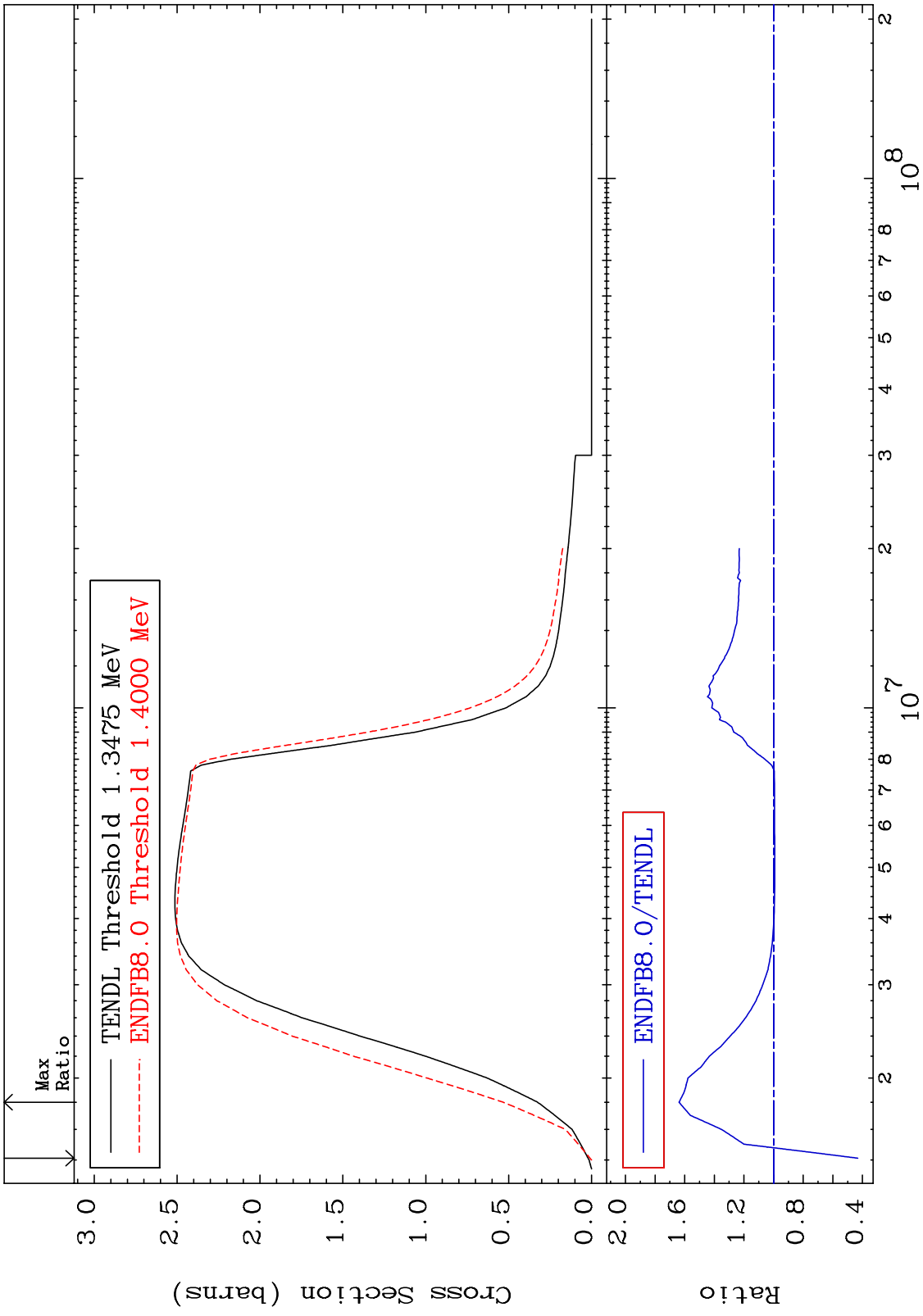
73-Ta-181
-35.87 To 934.2 %



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Incident Energy (eV)

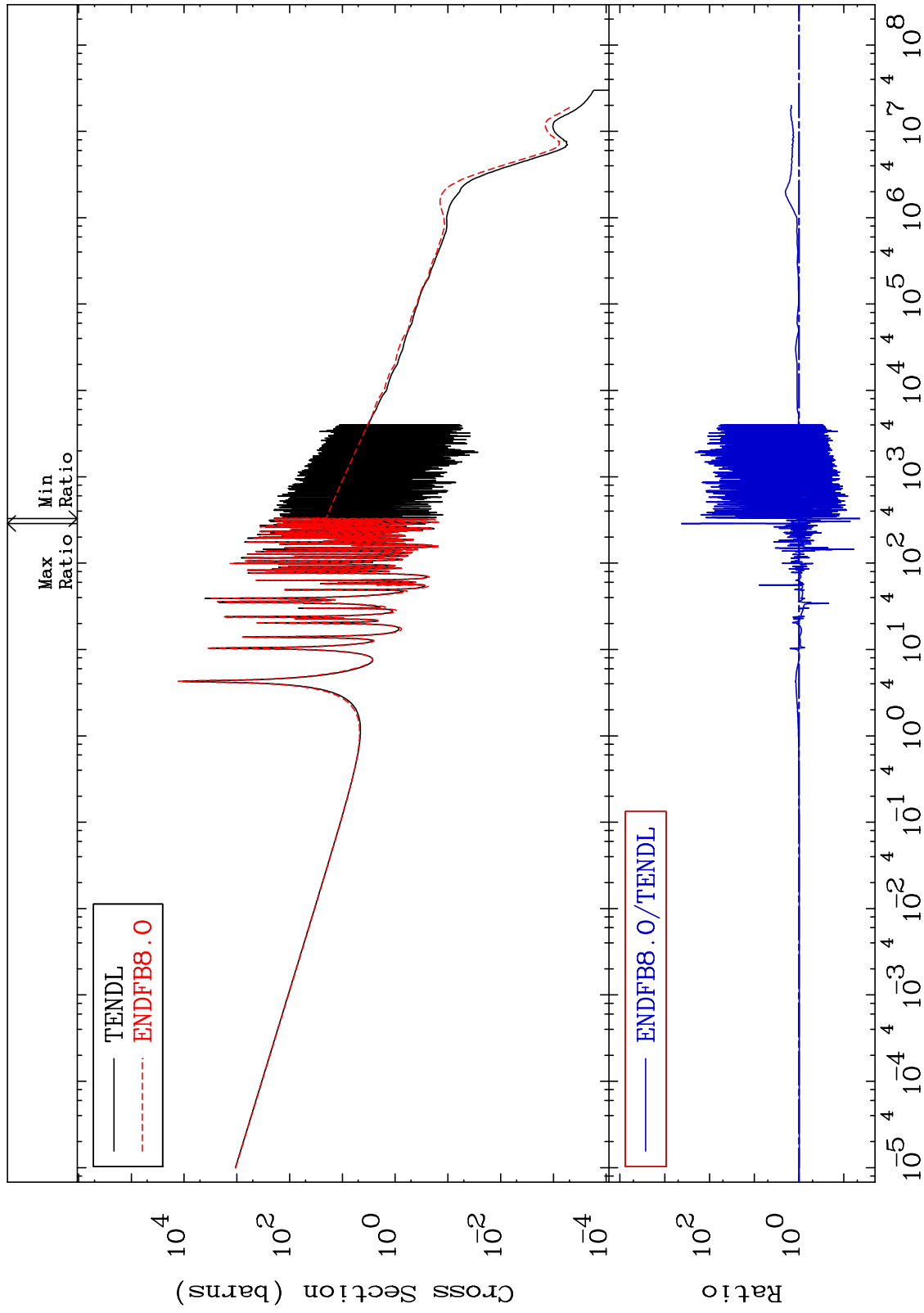
73-Ta-181



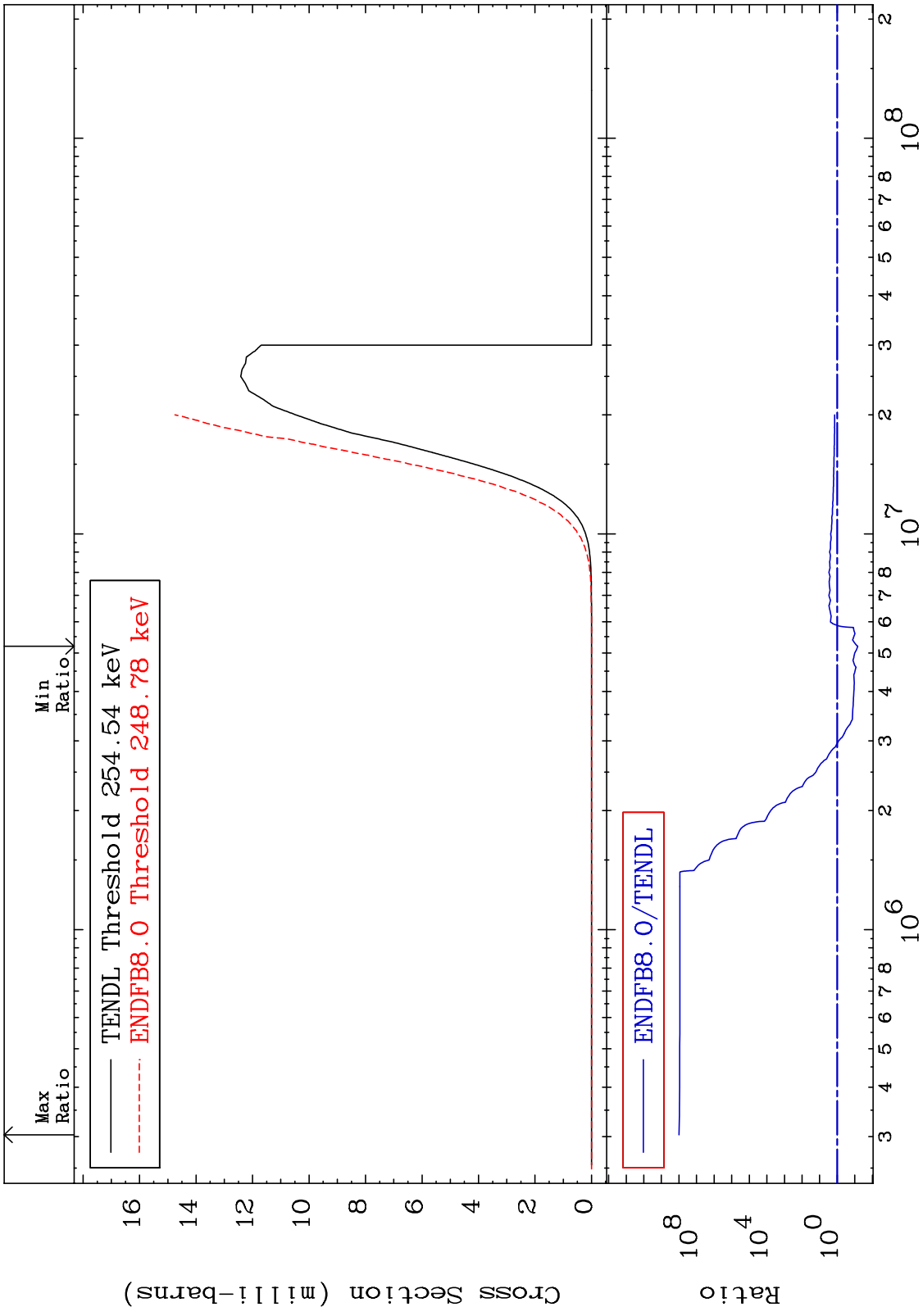
MAT 7328

(n, γ)
Cross Section

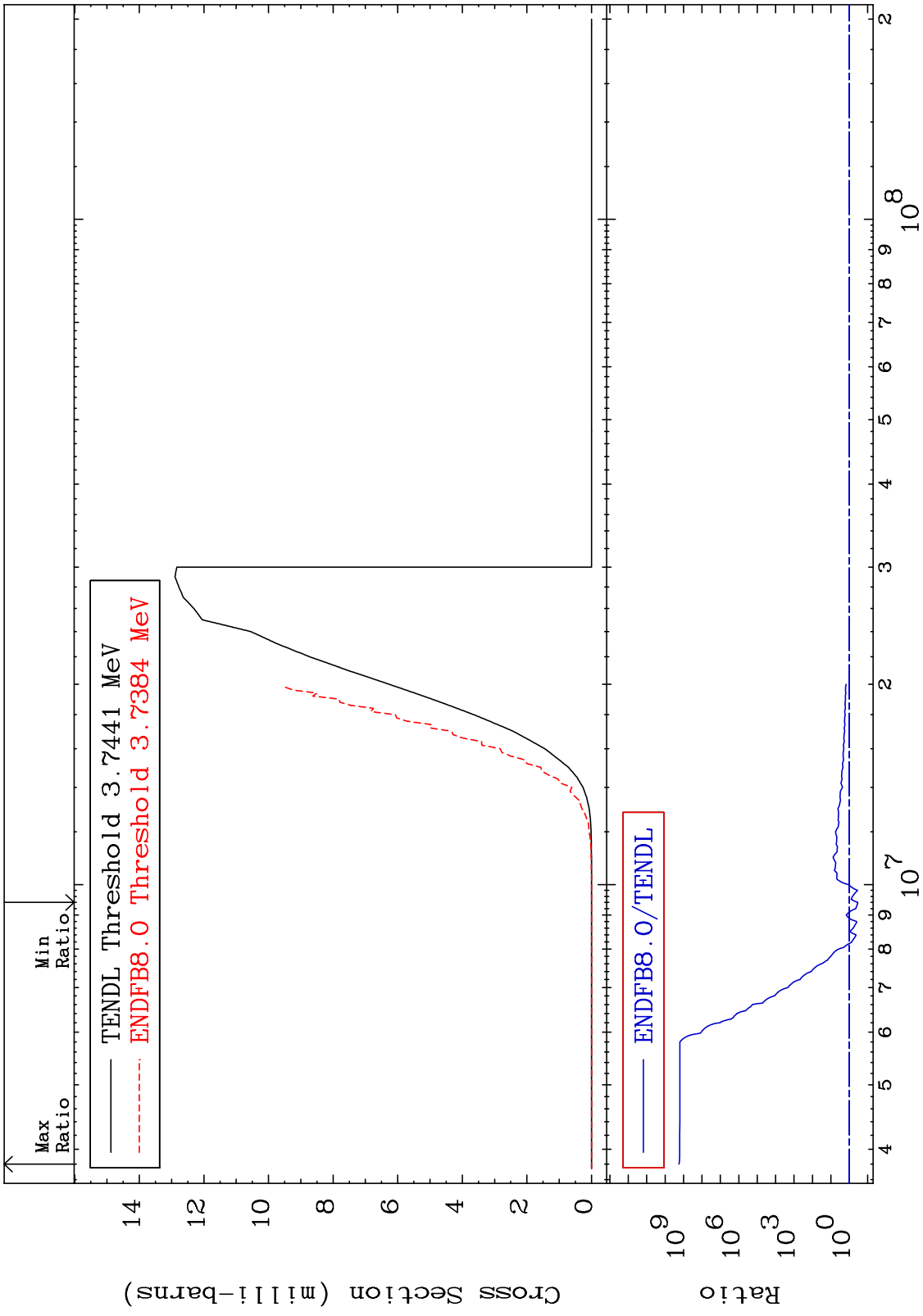
73-Ta-181
-95.60 To 9999. %



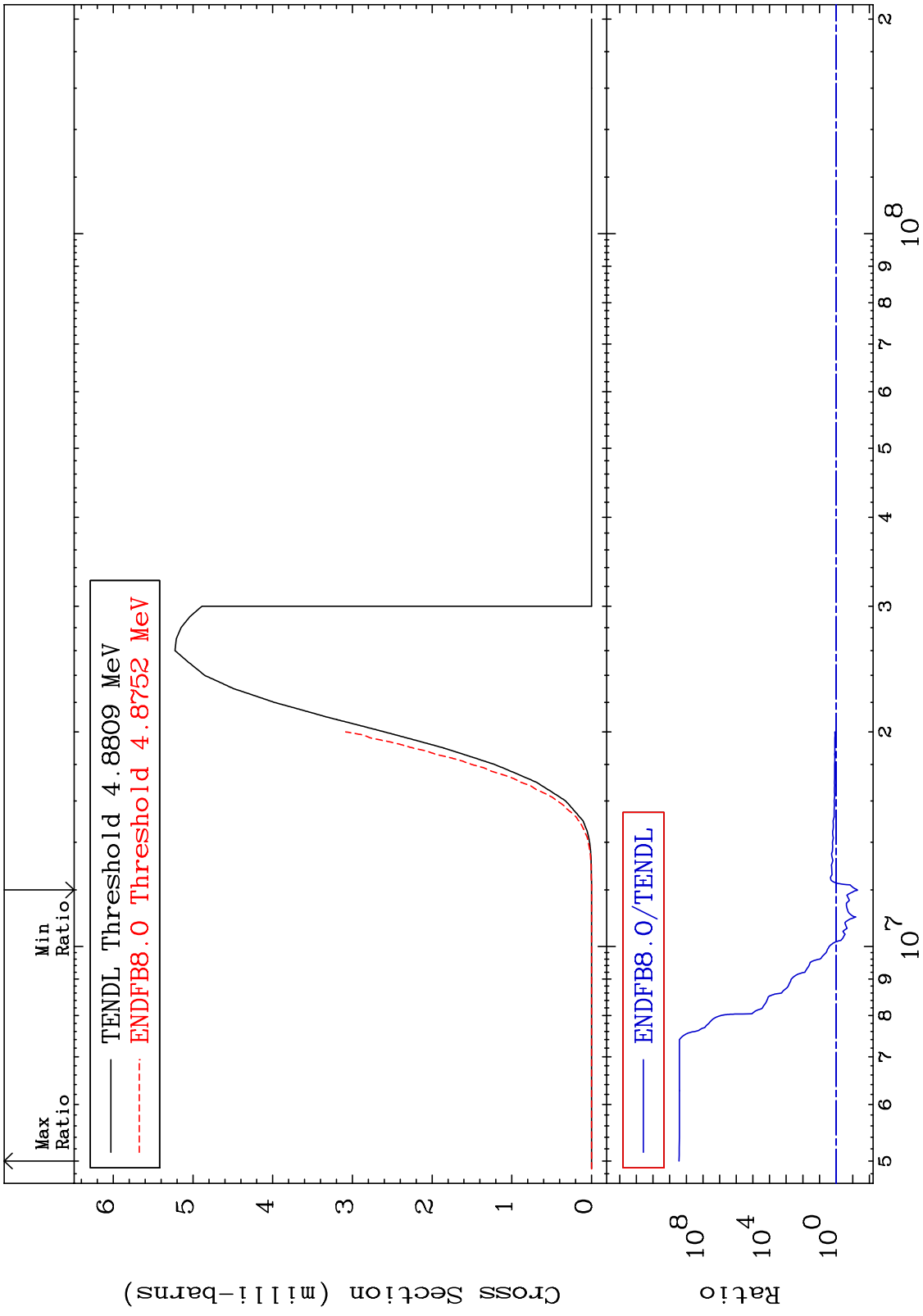
MAT 7328 (n,p) Cross Section 73-Ta-181 -93.28 To 9999. %

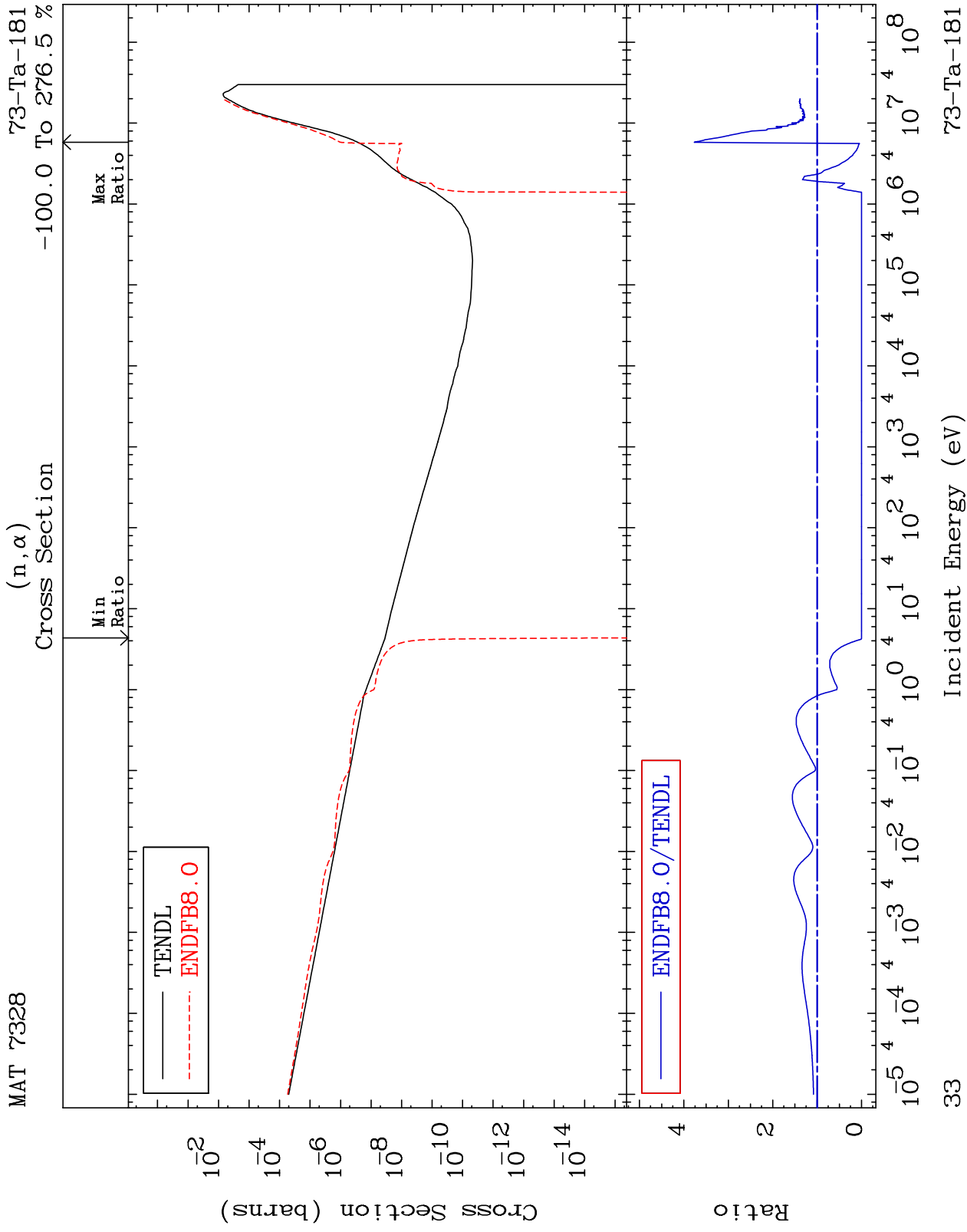


MAT 7328 (n,d) 73-Ta-181
 Cross Section -65.78 To 9999. %



MAT 7328 (n,t) 73-Ta-181
 Cross Section -95.05 To 9999. %

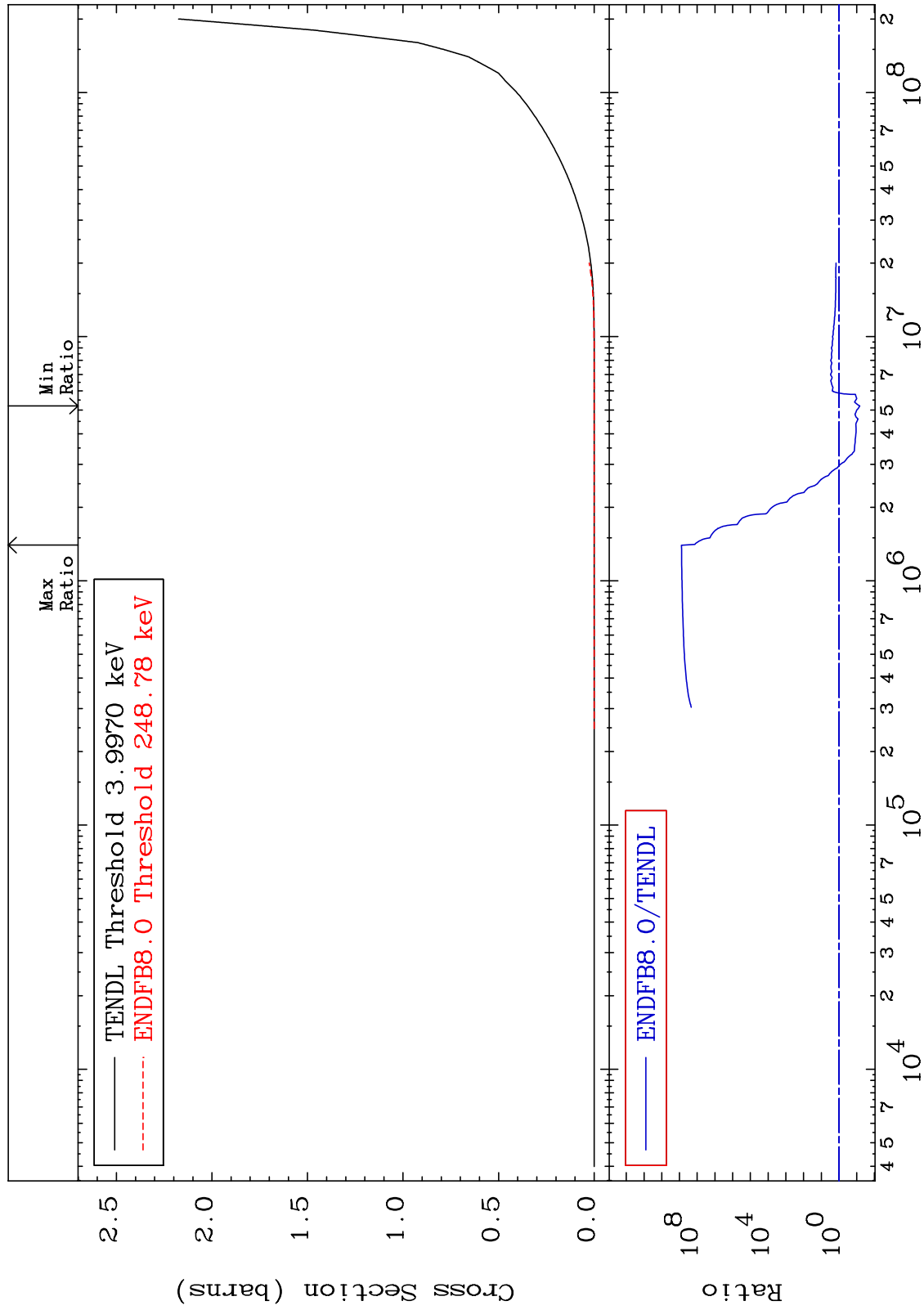




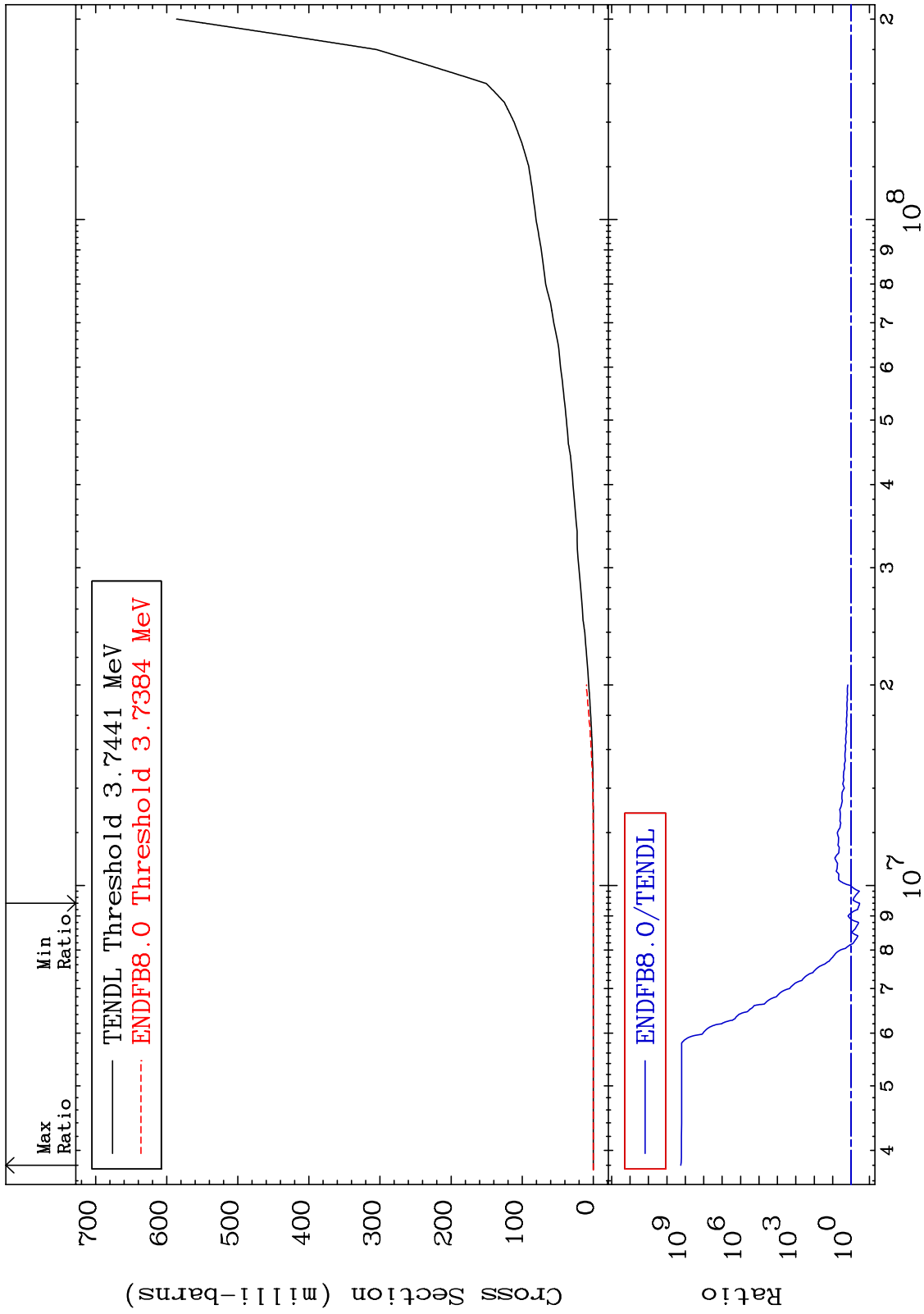
MAT 7328

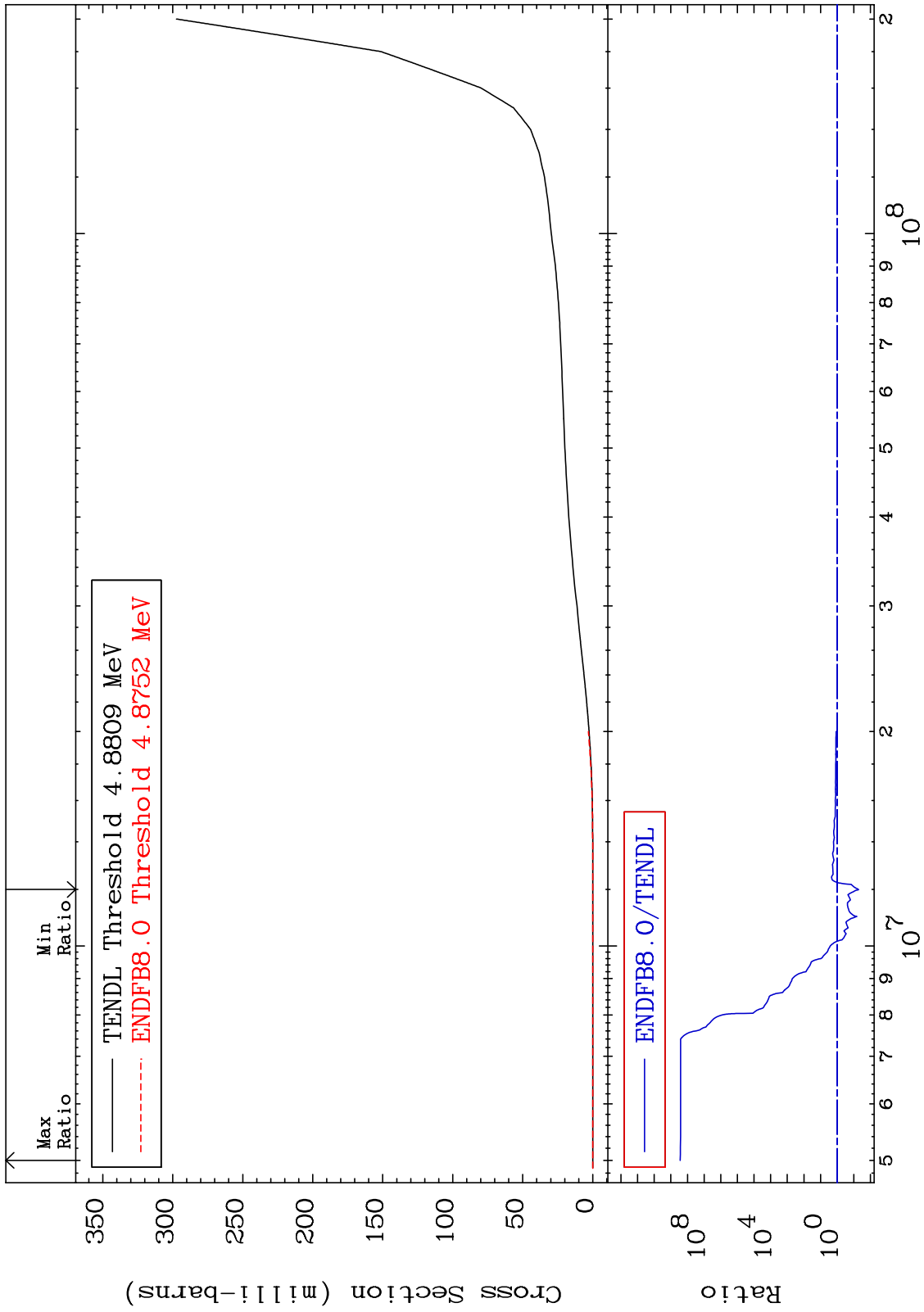
Hydrogen Production
Cross Section

73-Ta-181
-93.28 To 9999. %



MAT 7328 Deuterium Production Cross Section 73-Ta-181
 -65.78 To 9999. %

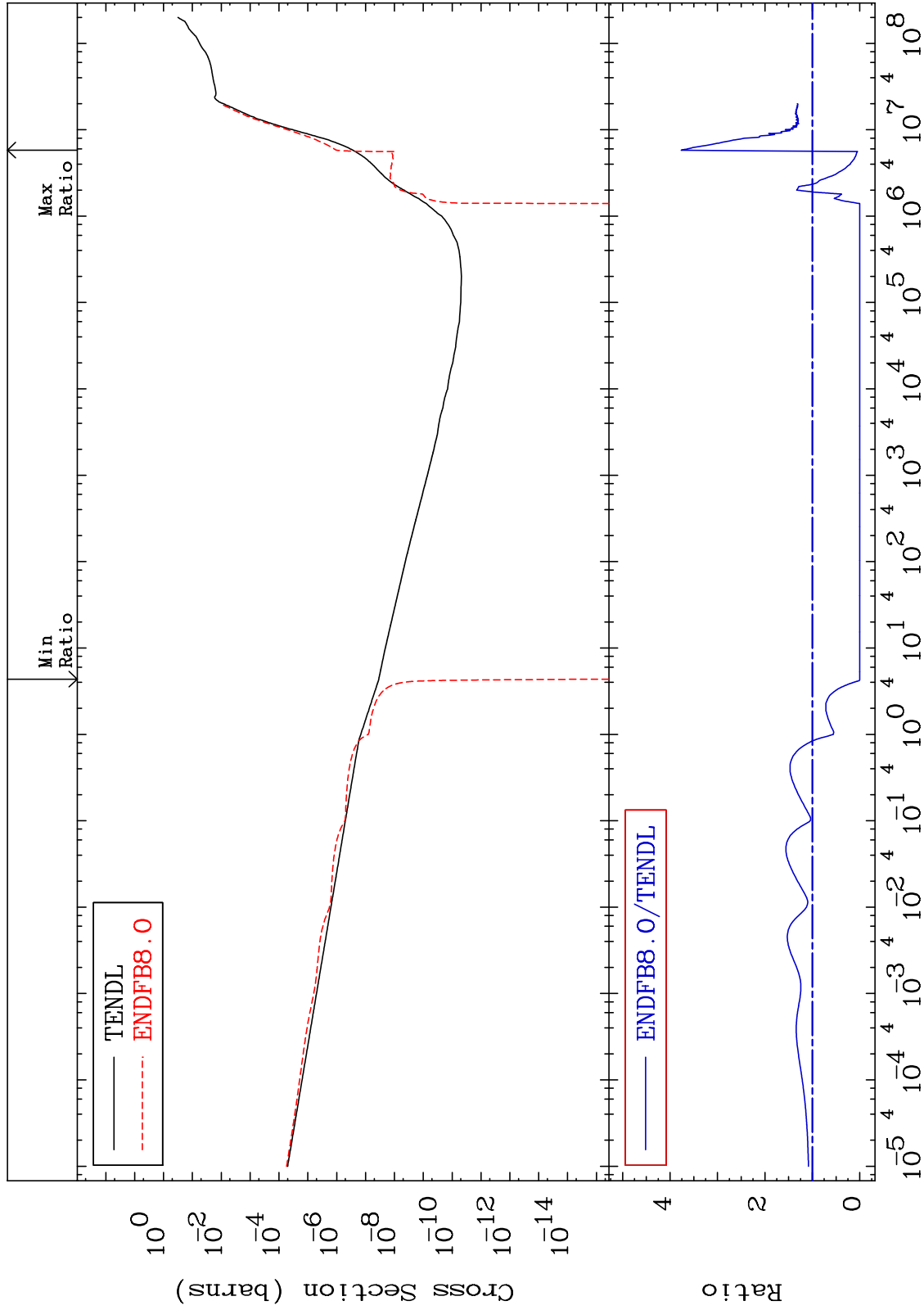




MAT 7328

He-4 Production
Cross Section

73-Ta-181
-100.0 To 276.4 %

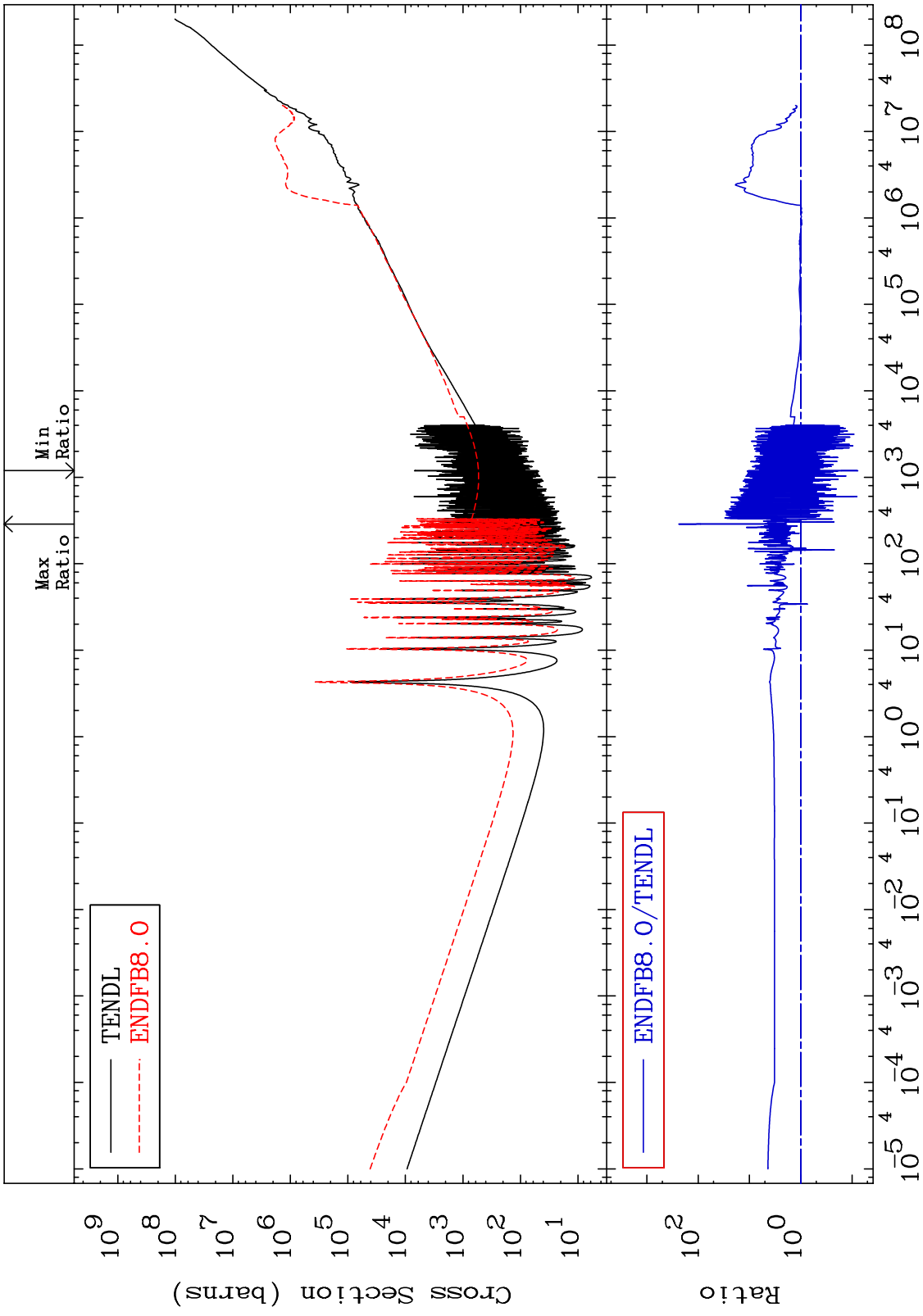


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Incident Energy (eV)

73-Ta-181

MAT 7328 Kerma total (eV-barns) 73-Ta-181
 Cross Section -92.31 To 9999. %

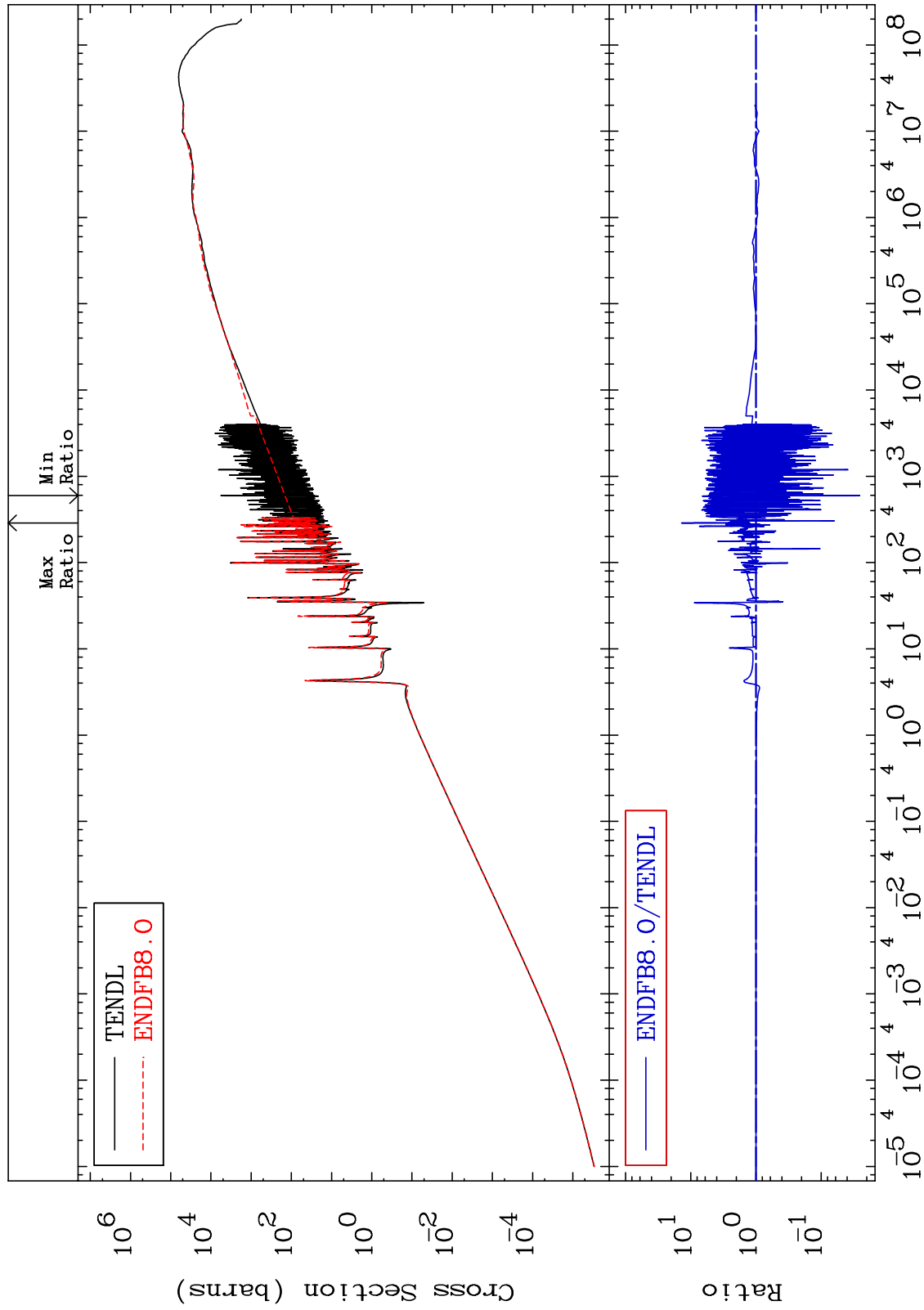


38 Incident Energy (eV) 73-Ta-181

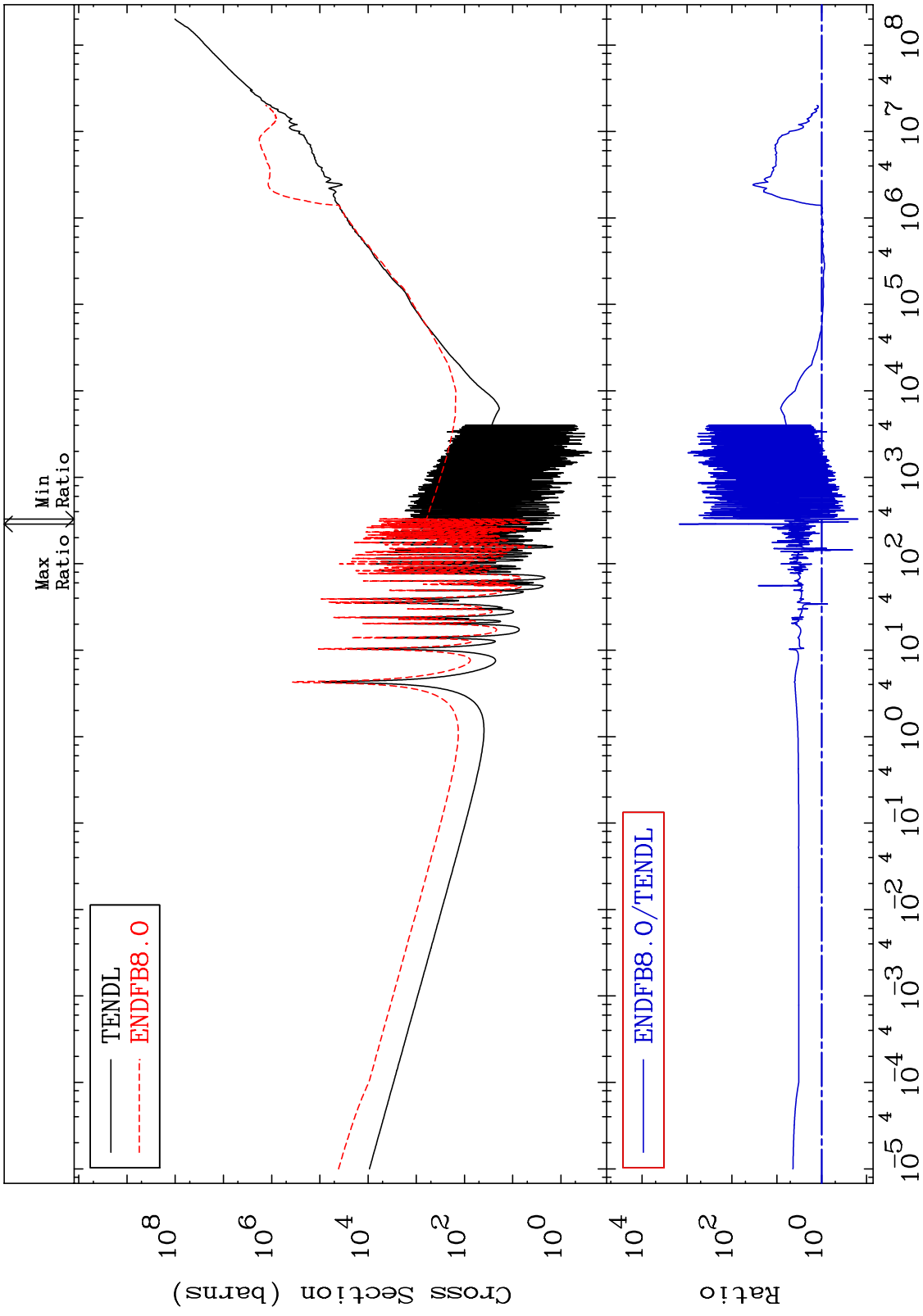
MAT 7328

Kerma elastic
Cross Section

73-Ta-181
-97.44 To 1289. %

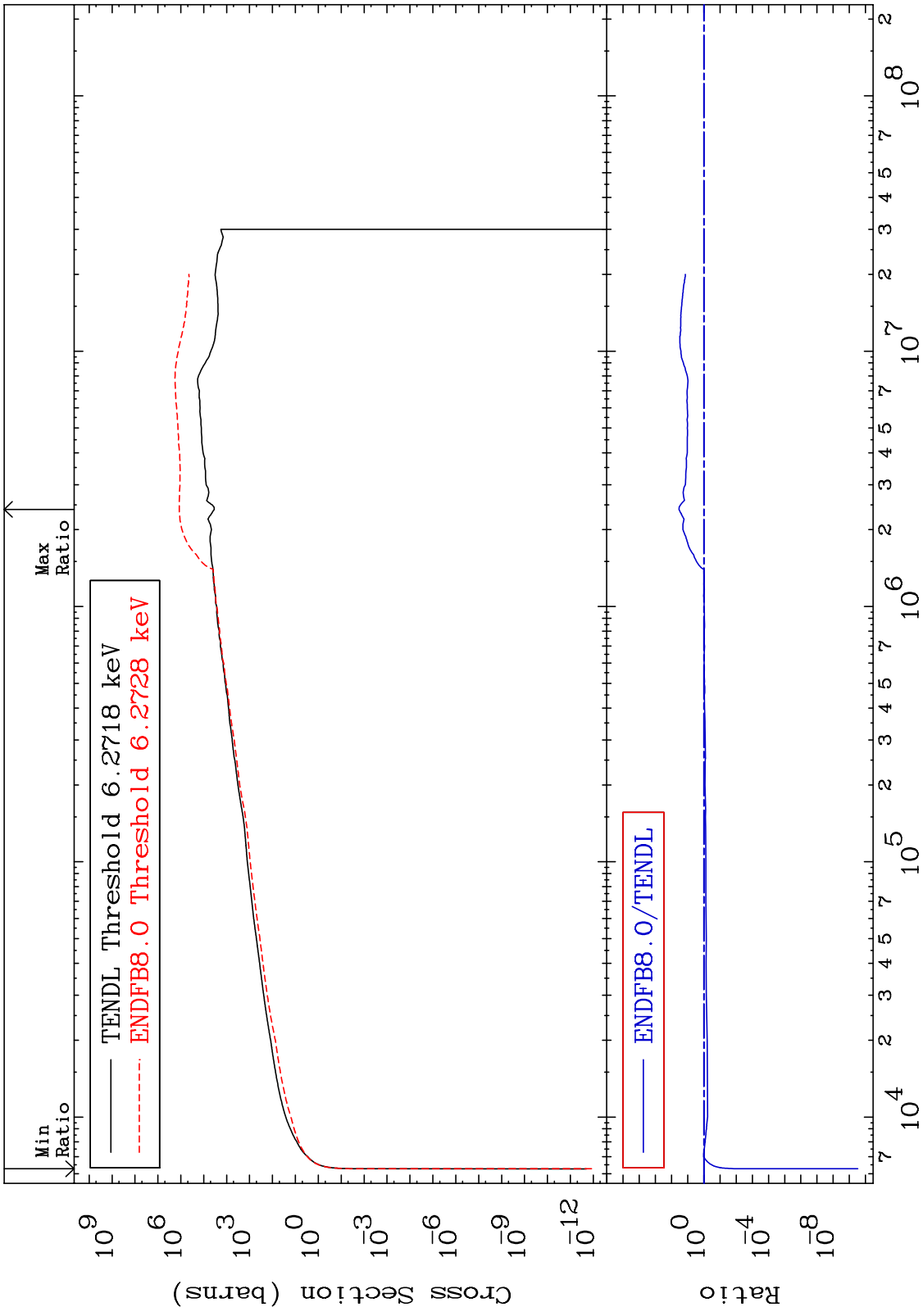


MAT 7328 Kerma non-elastic (all but mt2) 73-Ta-181
 Cross Section -84.30 To 9999. %

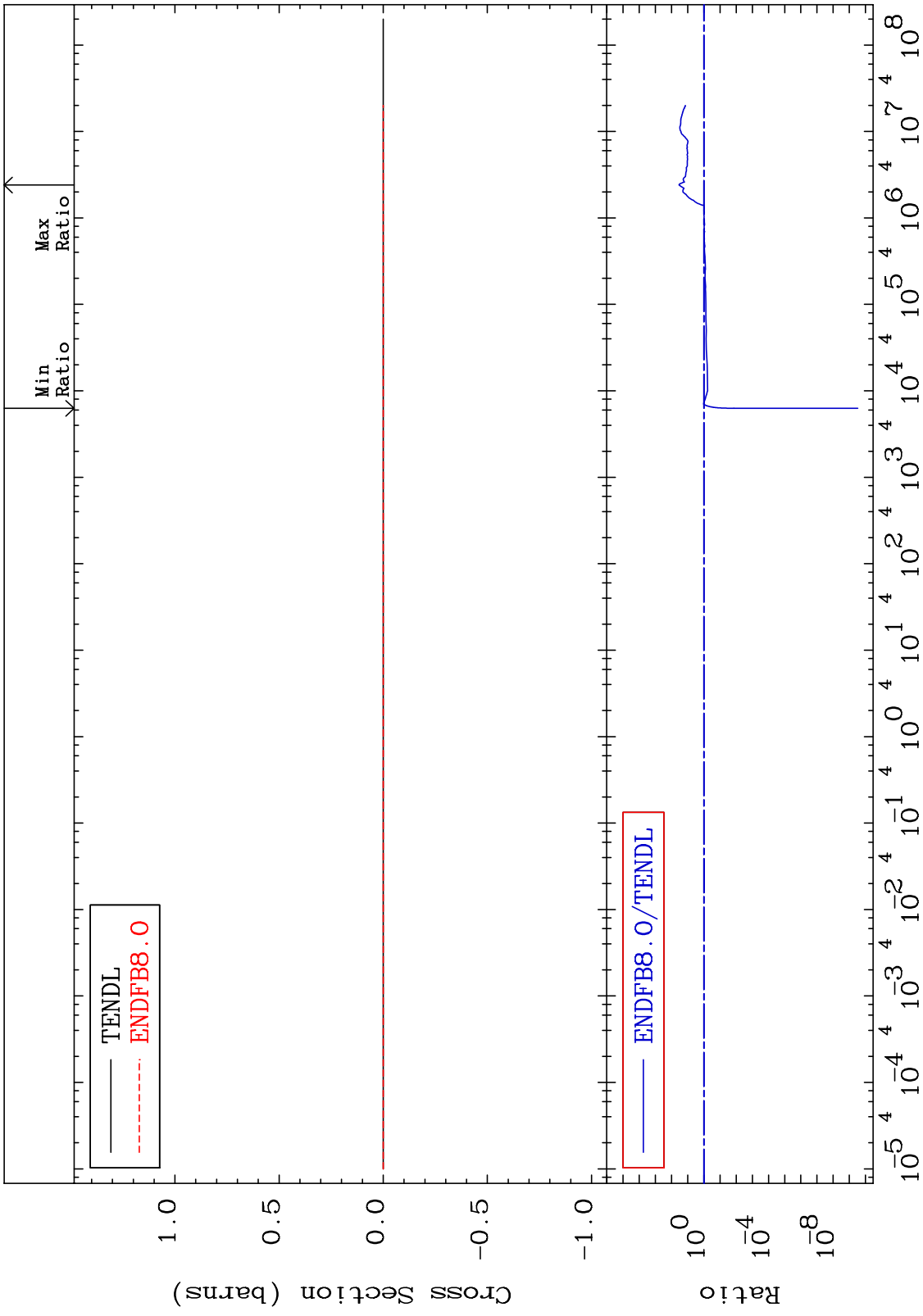


40 73-Ta-181

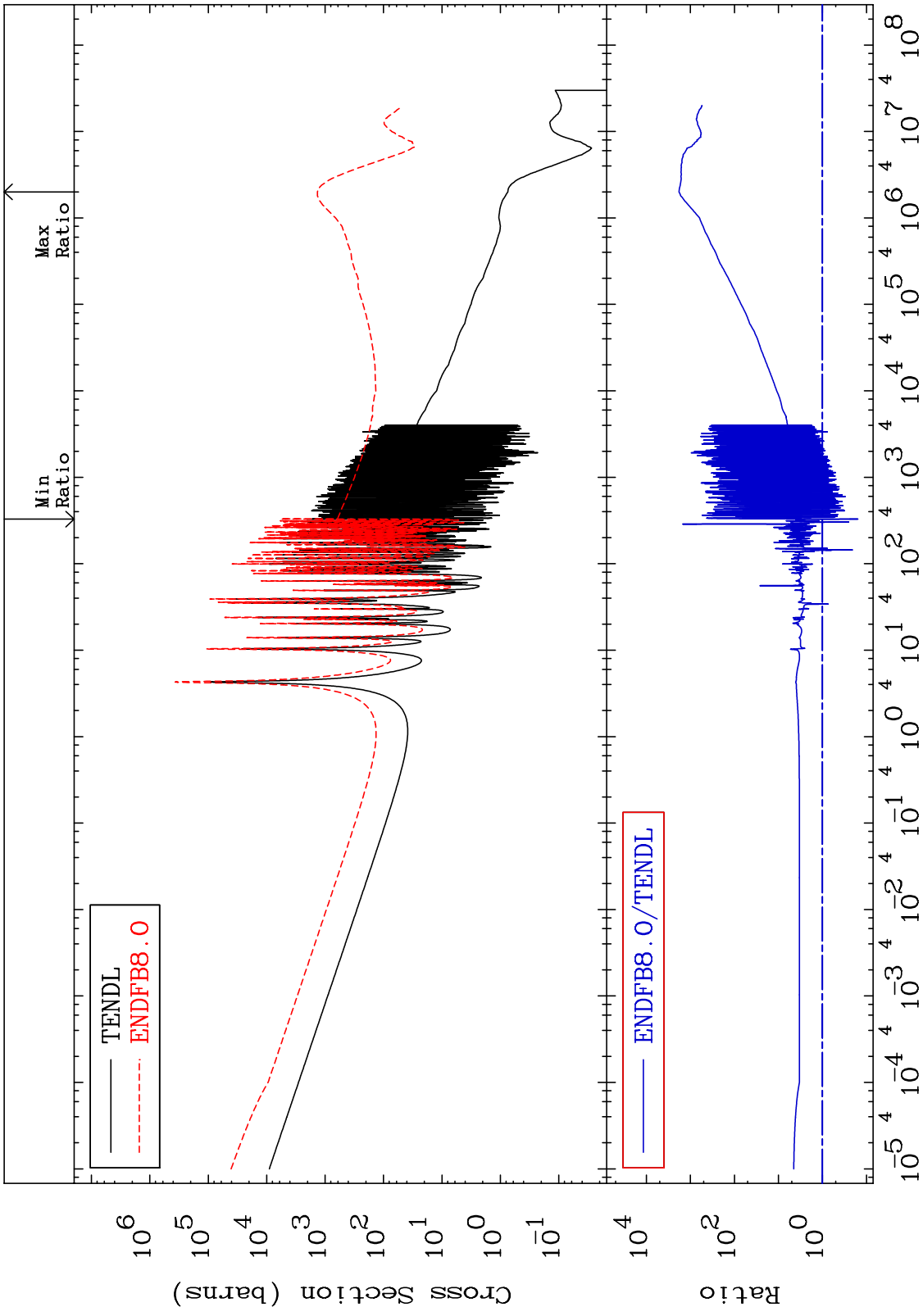
MAT 7328 Kerma inelastic (mt51-91) ⁷³Ta-181
 -100.0 To 3301. %



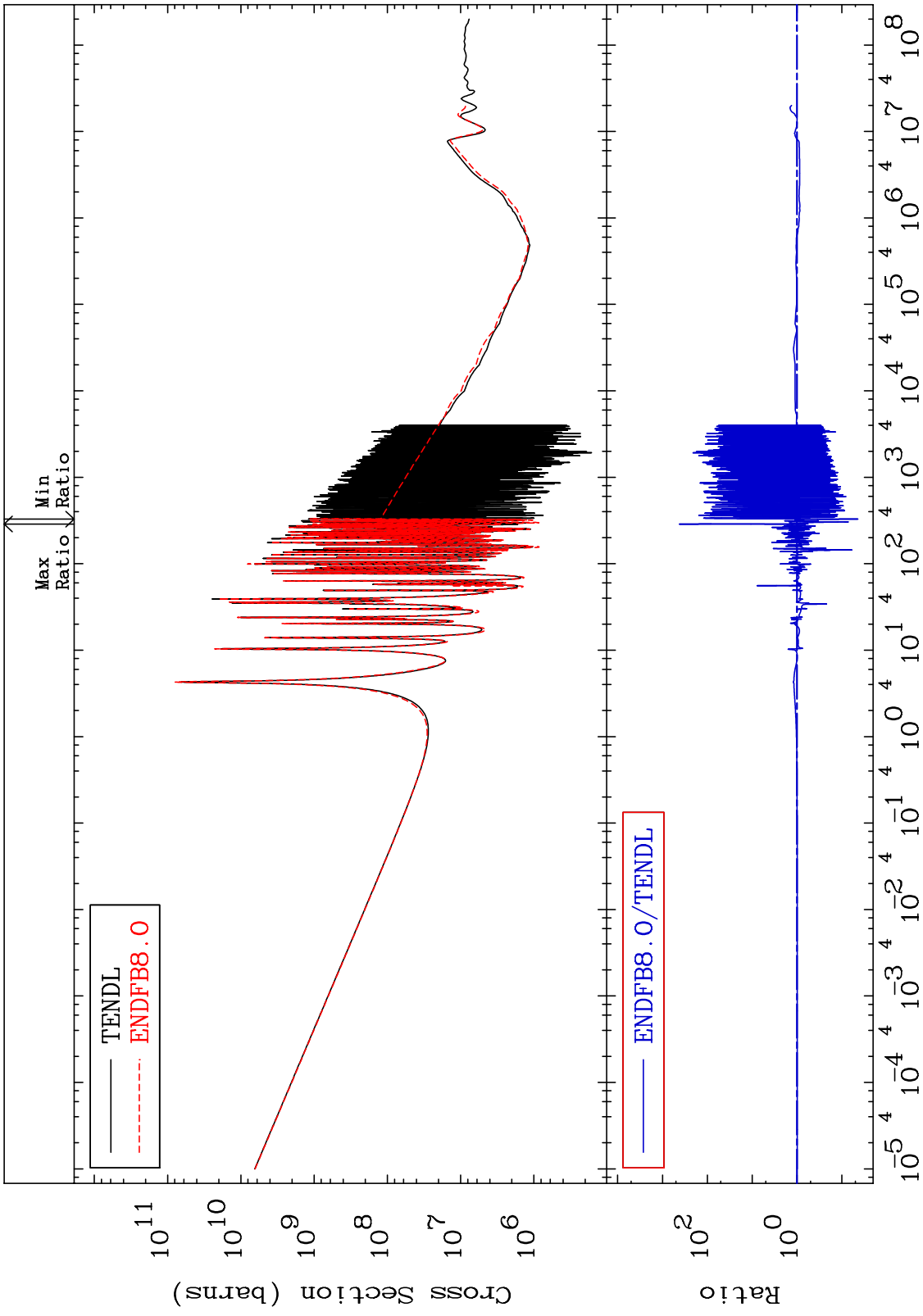
MAT 7328 Kerma fission (mt18 or mt19-20-21-38) 73-Ta-181
 Cross Section -100.0 To 3301. %



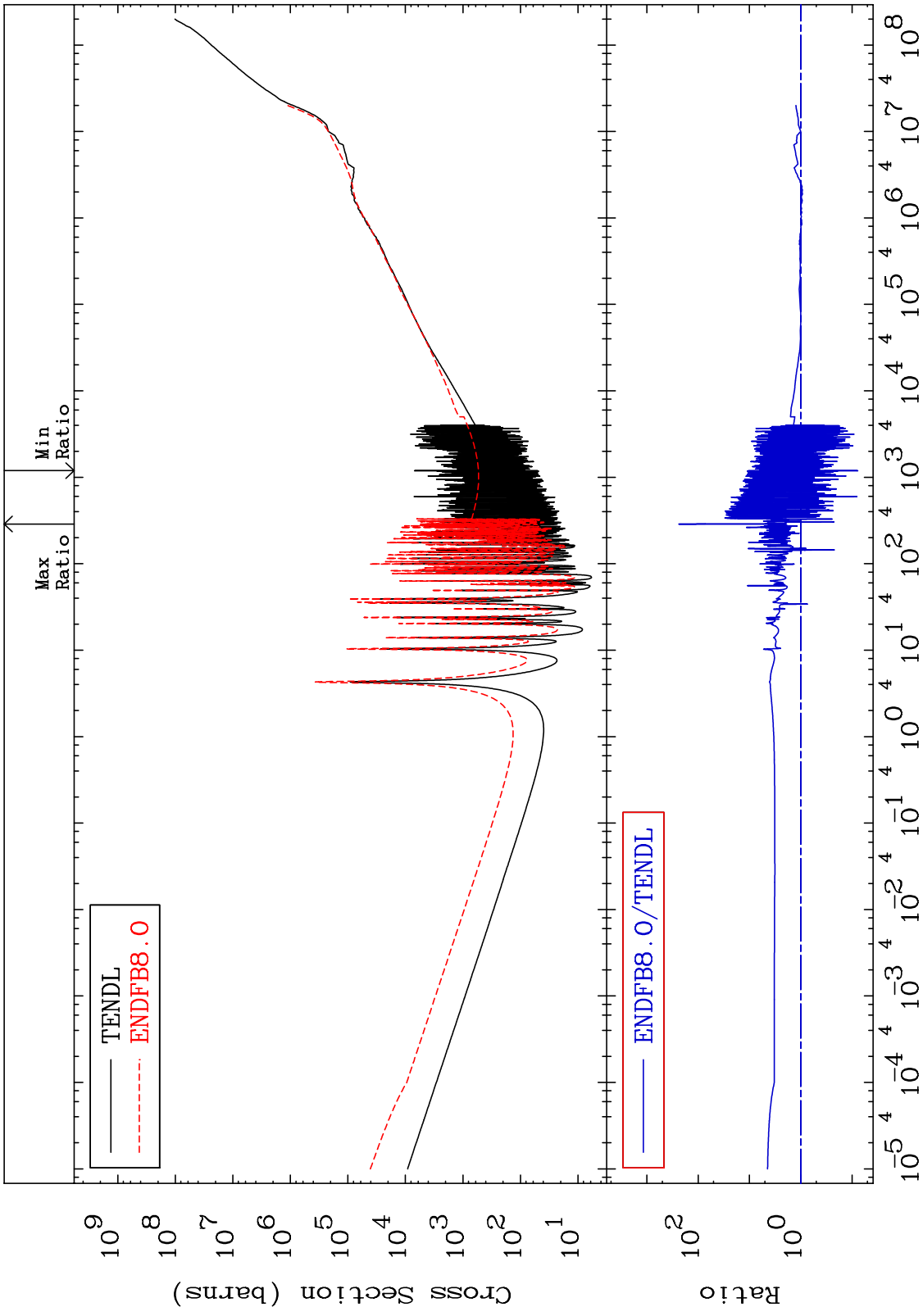
MAT 7328 Kerma capture (mt102) 73-Ta-181
 Cross Section -84.30 To 9999. %



MAT 7328 73-Ta-181
 Total photon (eV-barns) -95.60 To 9999. %
 Cross Section



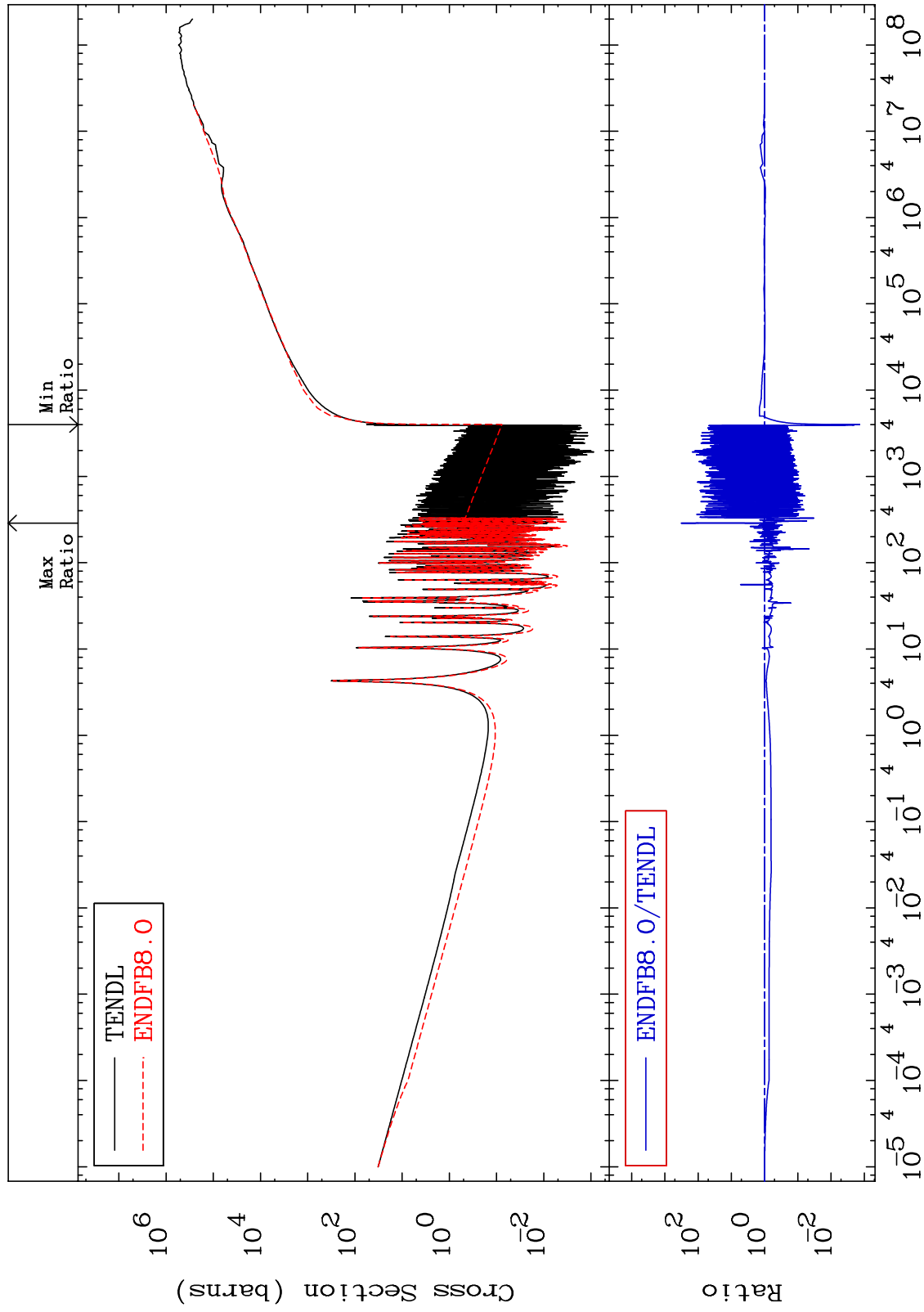
MAT 7328 Total kinematic kerma (high limit) 73-Ta-181
 Cross Section -92.31 To 9999. %



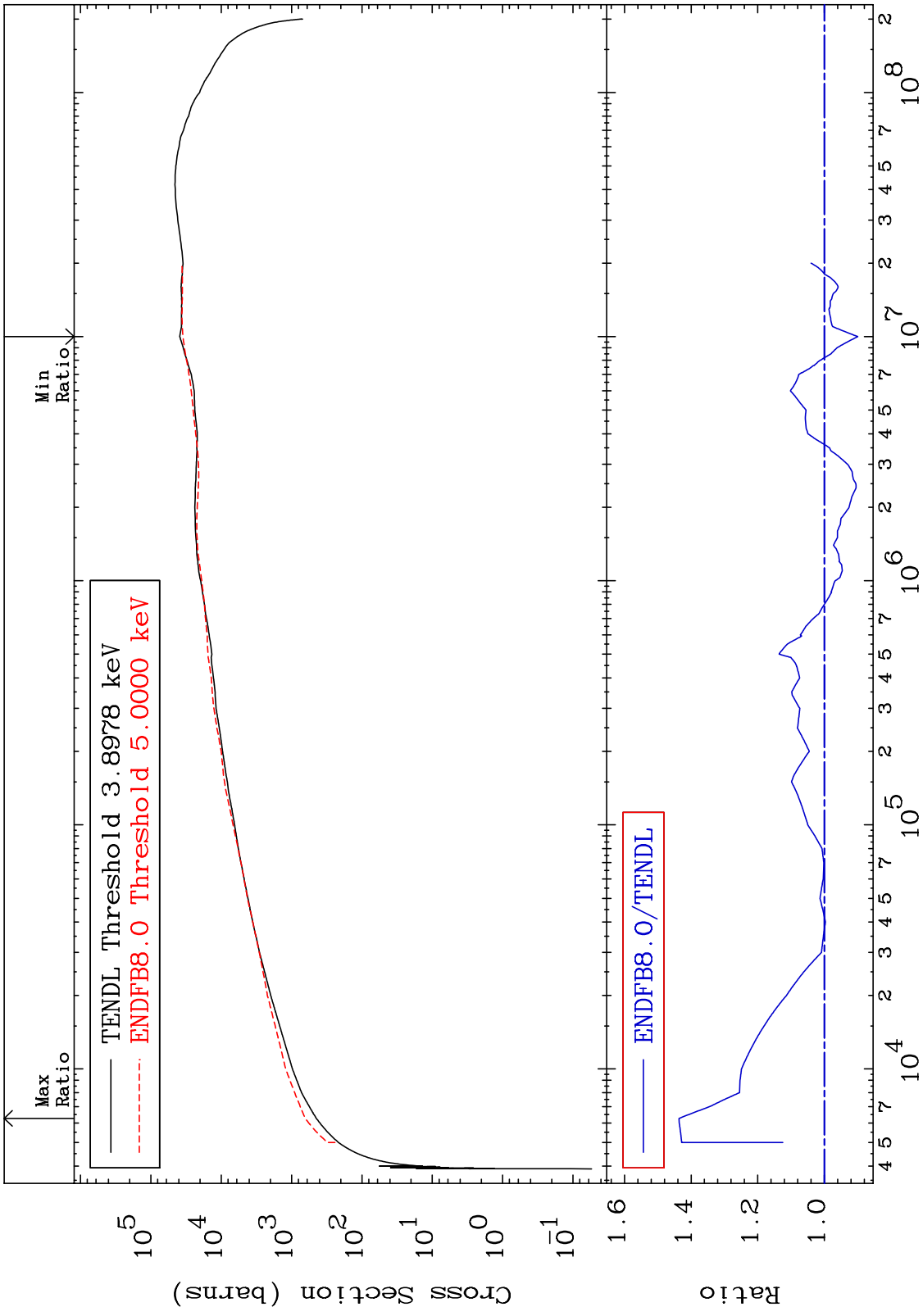
MAT 7328

Dpa total (eV-barns)
Cross Section

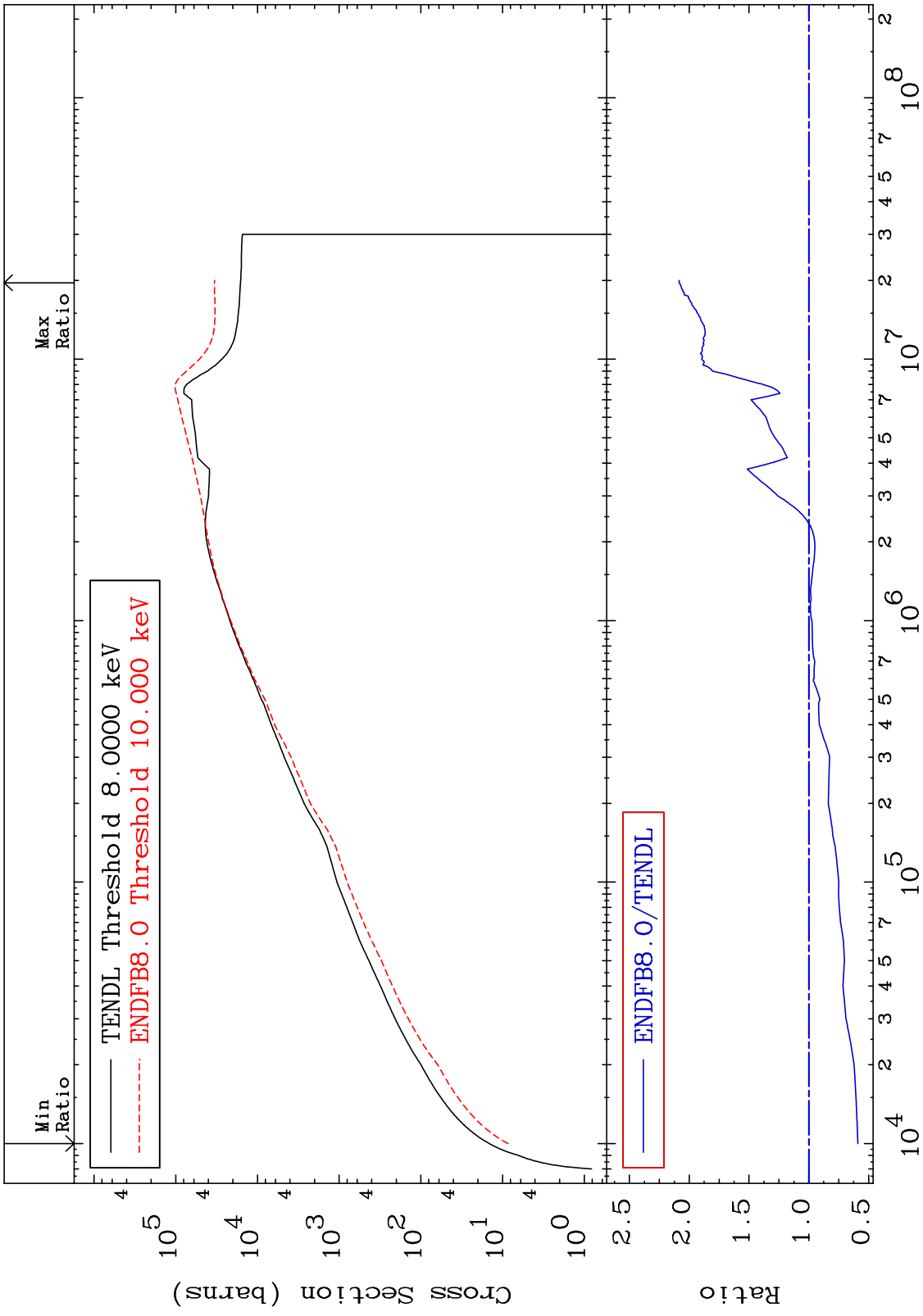
73-Ta-181
-99.86 To 9999. %



MAT 7328 Dpa elastic (mt2) 73-Ta-181
Cross Section -10.06 To 43.62 %



MAT 7328 Dpa inelastic (mt51-91) 73-Ta-181
 Cross Section -40.99 To 108.5 %



48 Incident Energy (eV) 73-Ta-181

MAT 7328 Dpa disappearance (mt102 -120) 73-Ta-181
 Cross Section -96.68 To 9999. %

