

Program Complot
(Version 2018-1)

by

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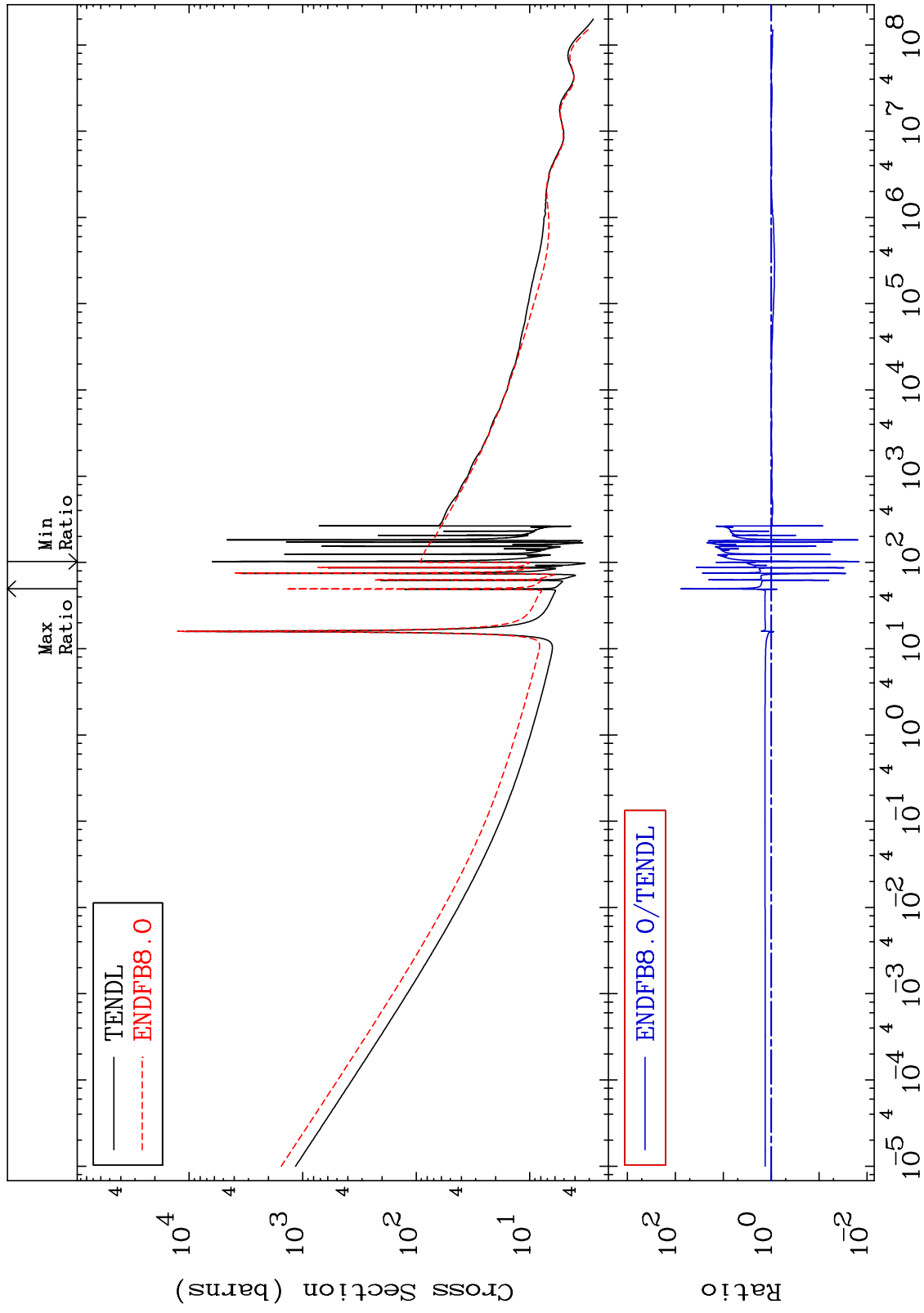
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7425

Total
Cross Section

74-W -180
-98.53 To 7656. %



Incident Energy (eV)

74-W -180

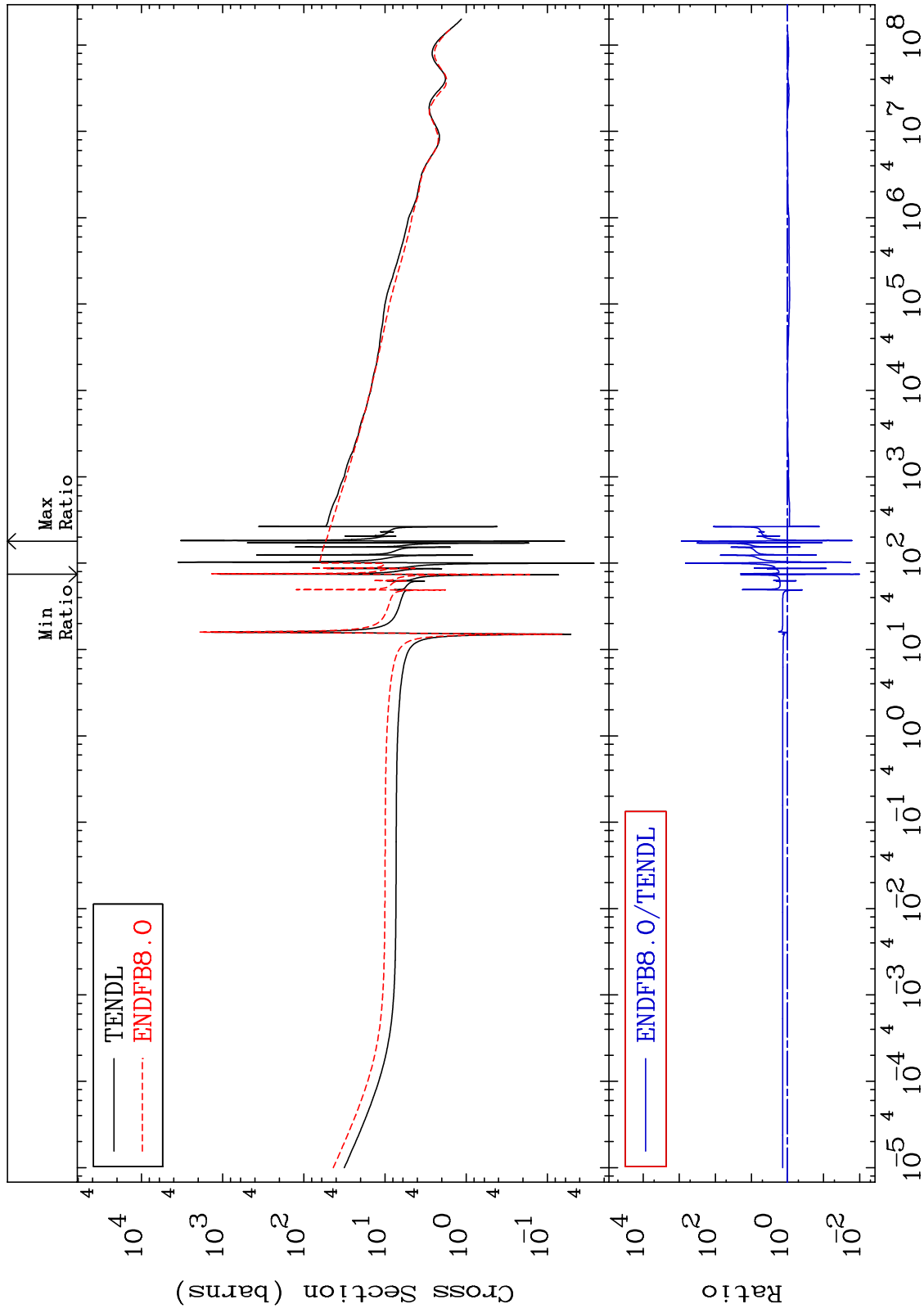
MAT 7425

Elastic

74-W -180

Cross Section

-99.01 To 9999. %

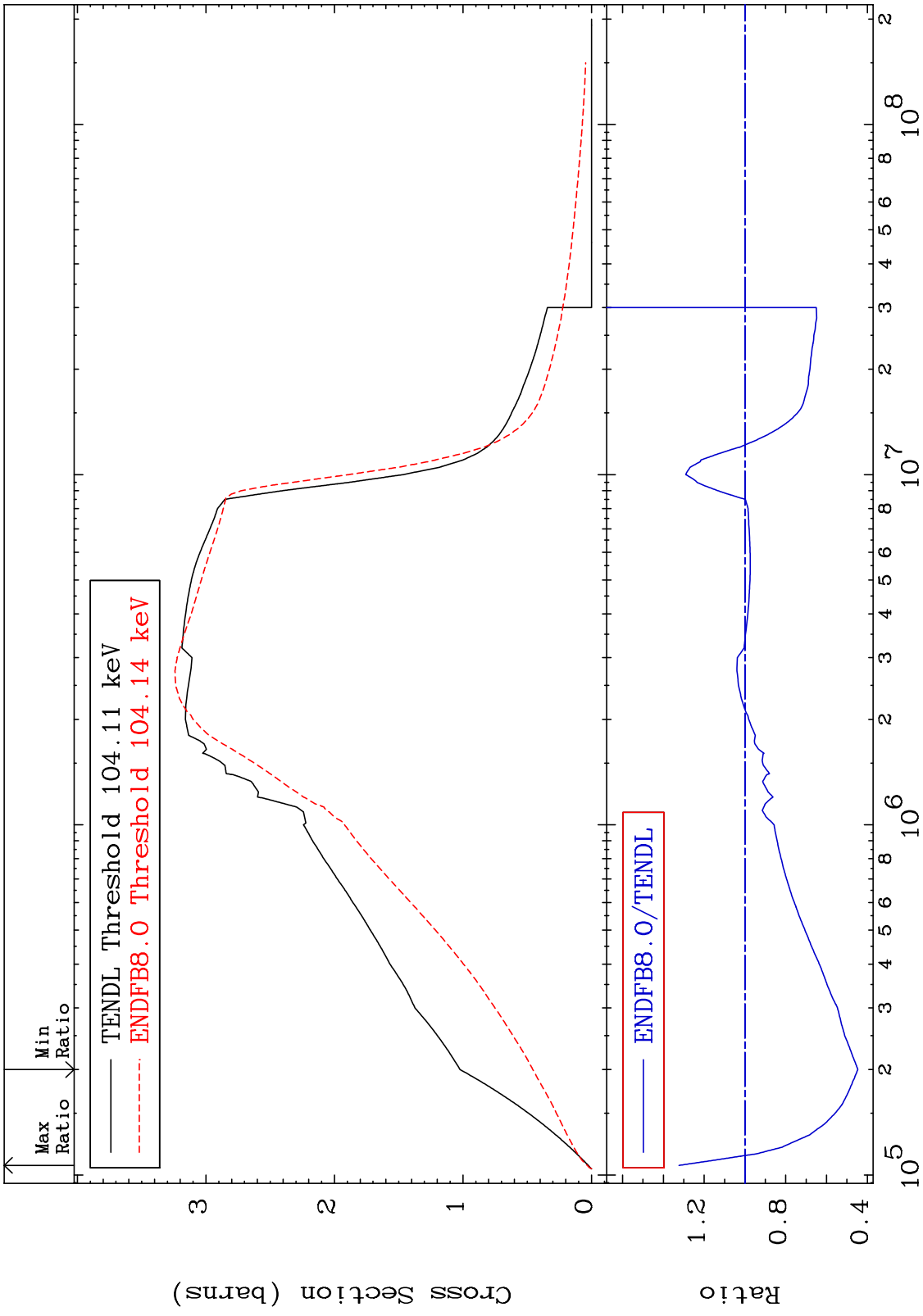


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Incident Energy (eV)

74-W -180

MAT 7425 Inelastic Cross Section 74-W -180 -55.35 To 32.33 %

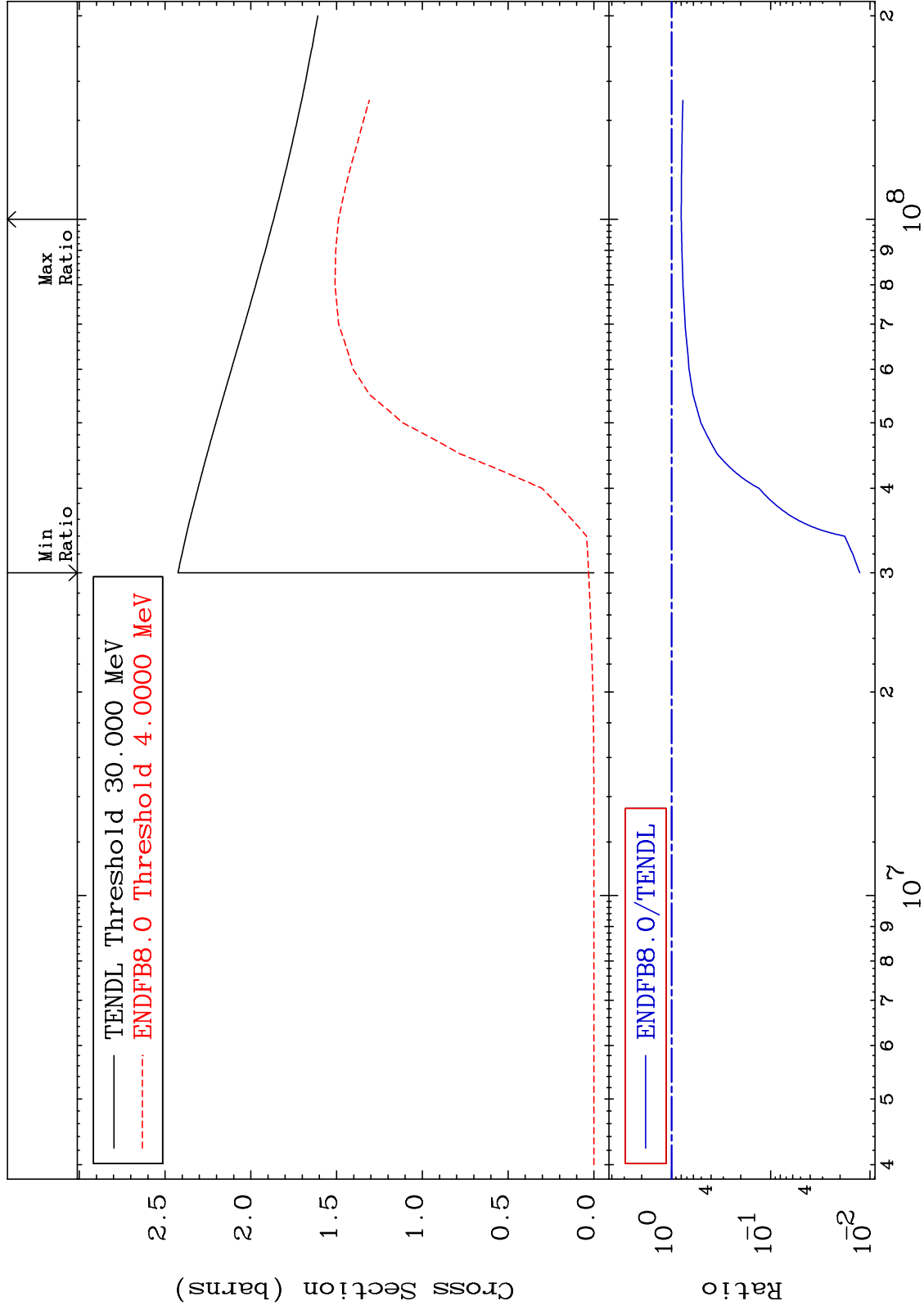


74-W -180 Incident Energy (eV)

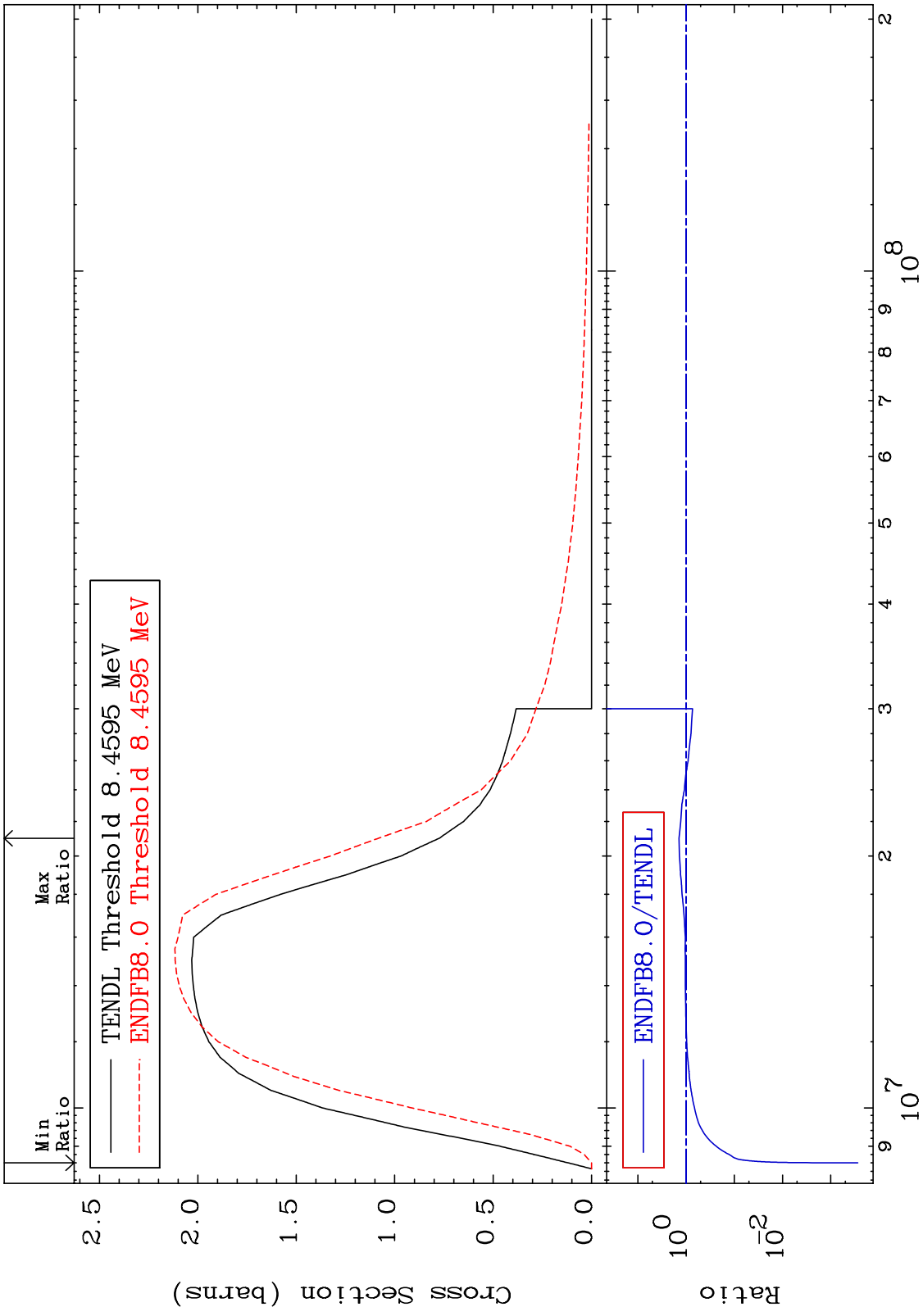
MAT 7425

(n, remainder)
Cross Section

74-W -180
-98.73 To -20.26%

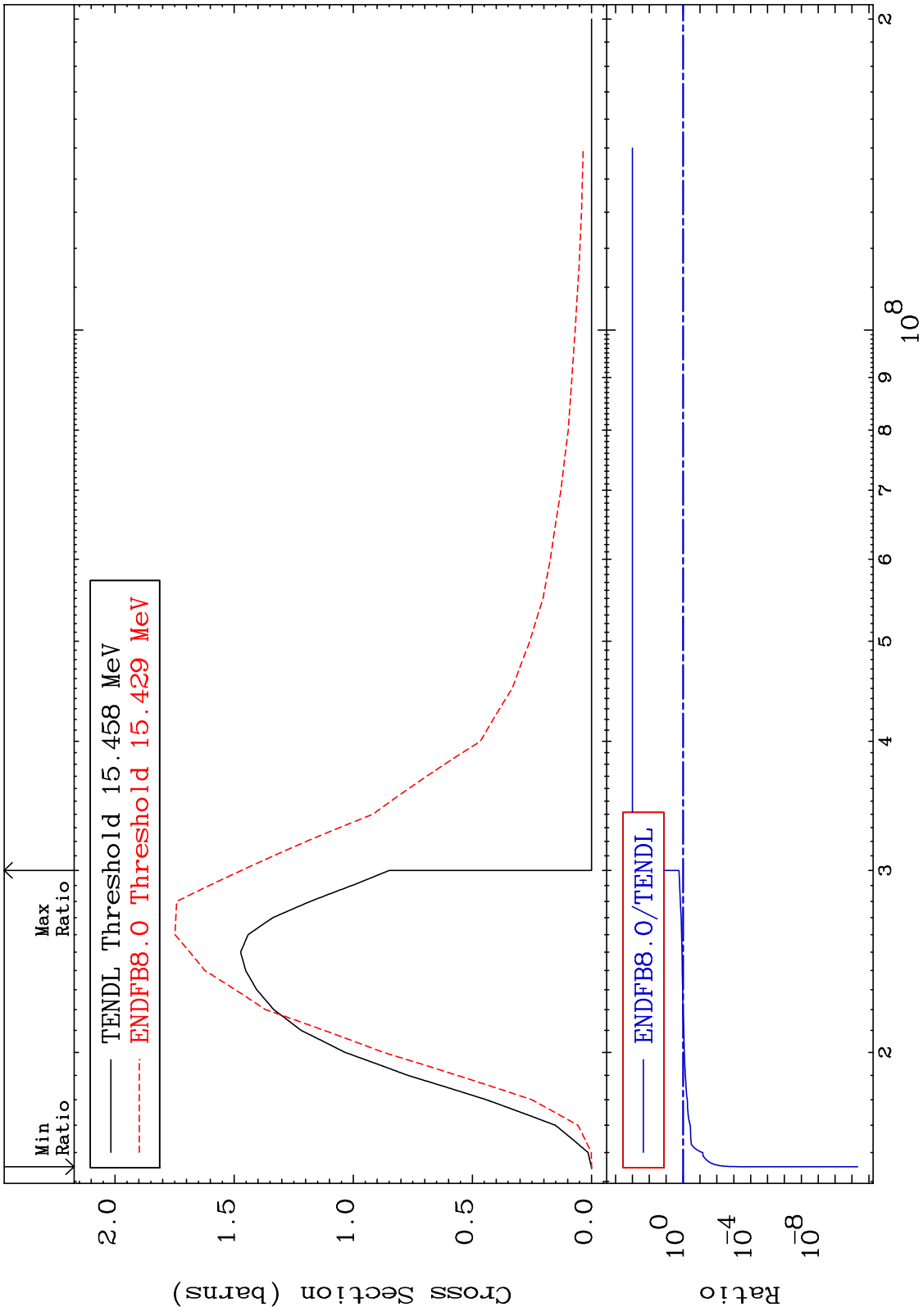


MAT 7425 (n,2n) Cross Section 74-W -180 -99.97 To 39.93 %

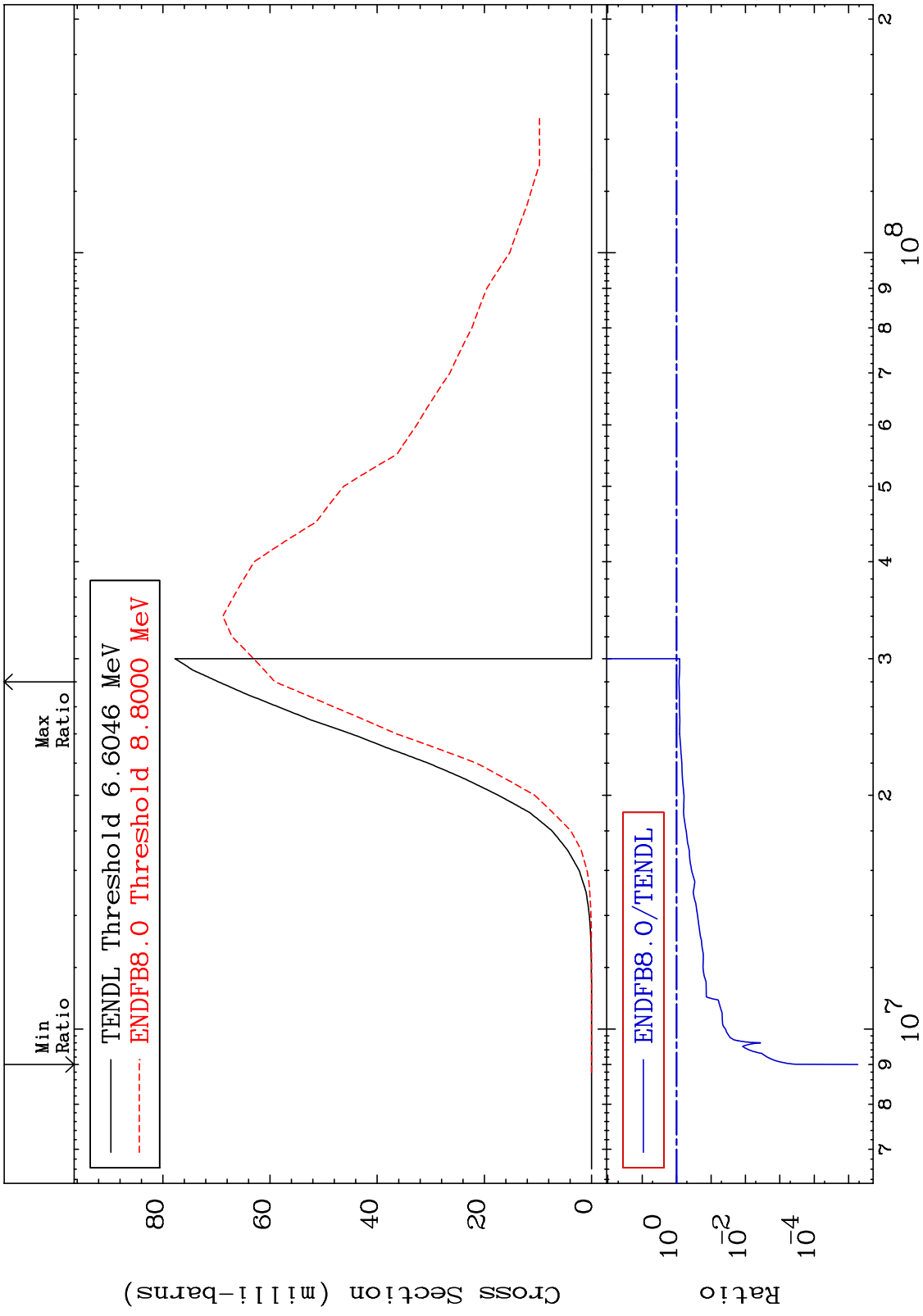


5 74-W -180

MAT 7425 (n,3n) Cross Section 74-W -180 -100.0 To 73.23 %

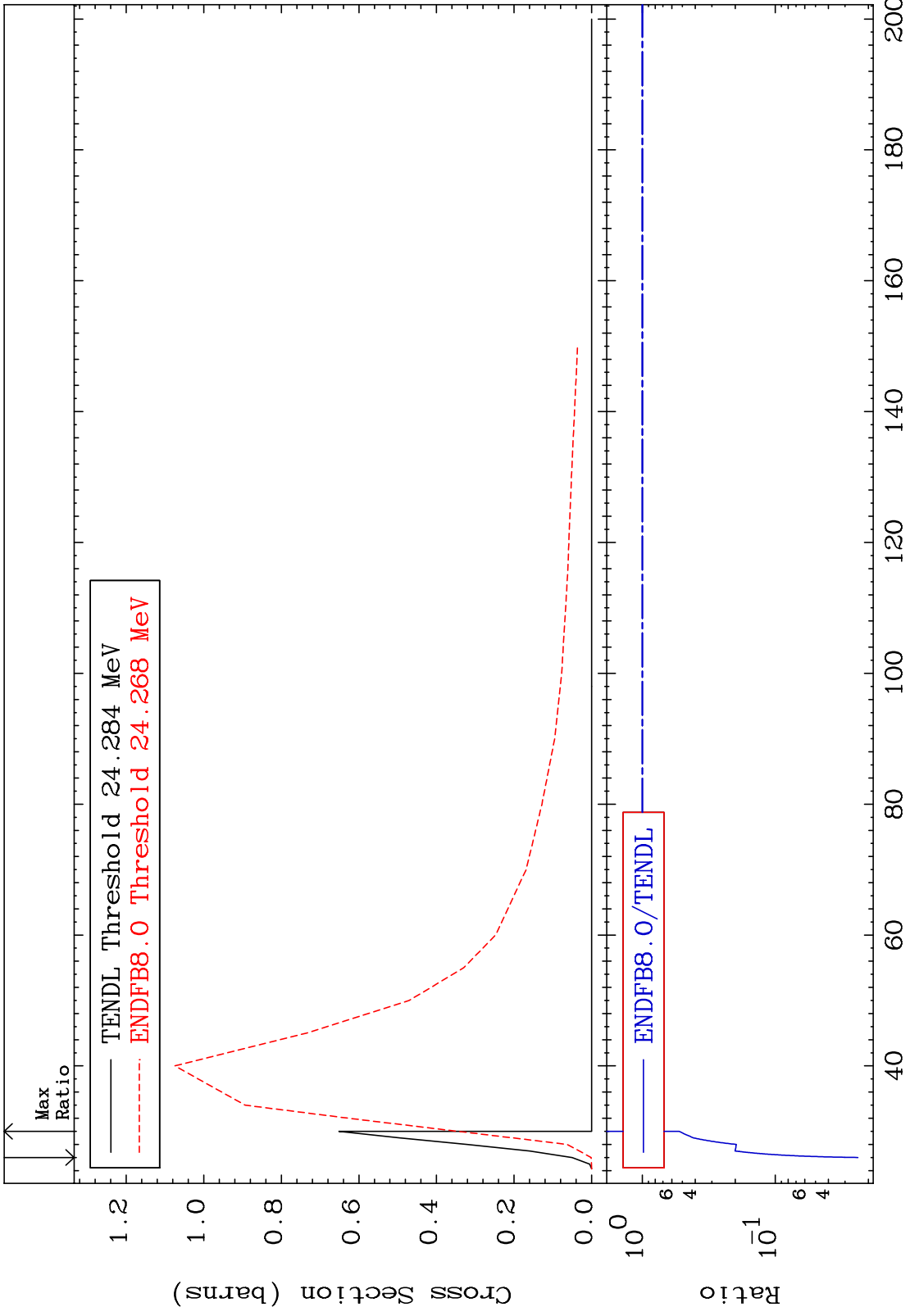


MAT 7425 (n, n') p 74-W -180
 -100.0 To -15.15%

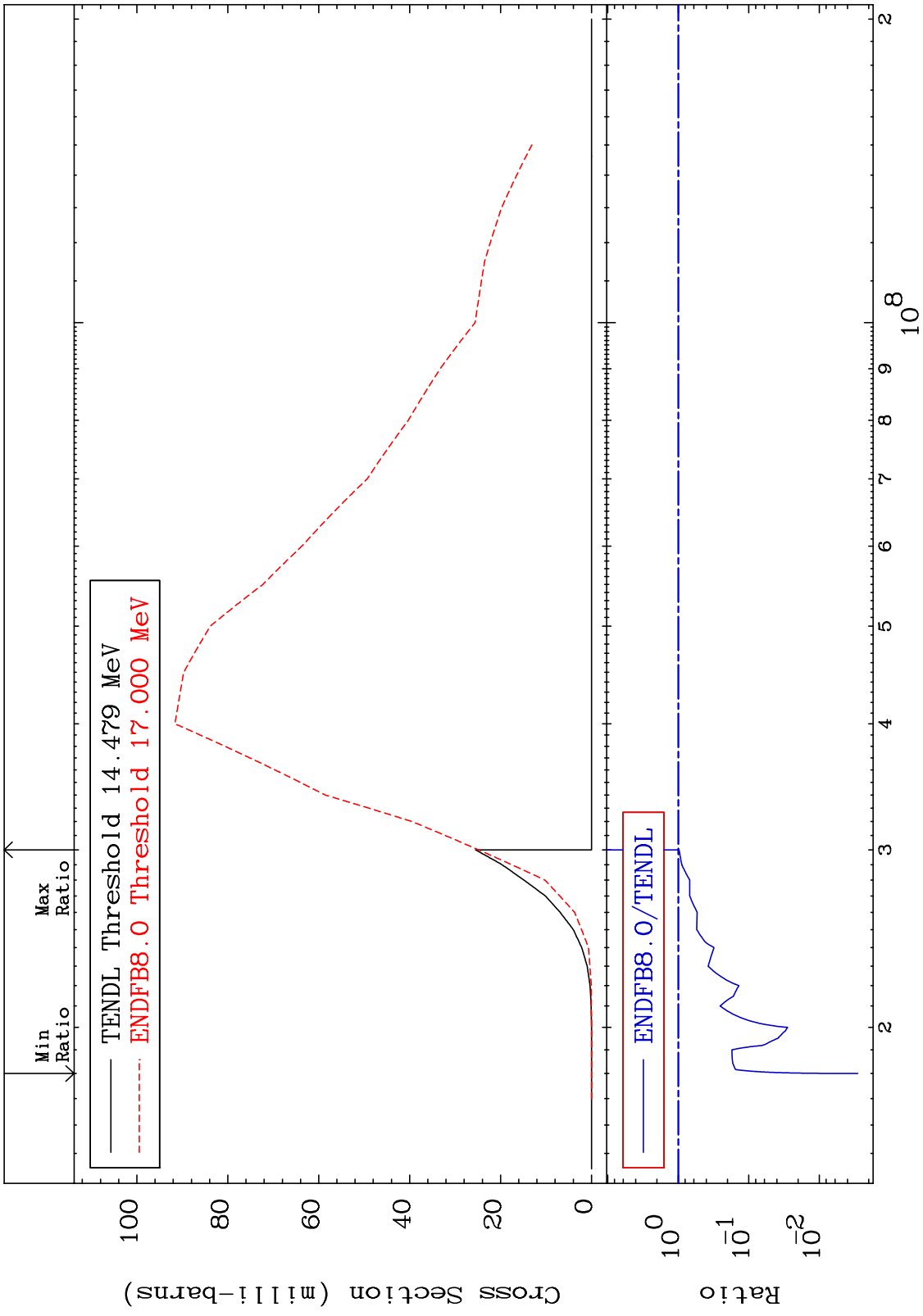


74-W -180

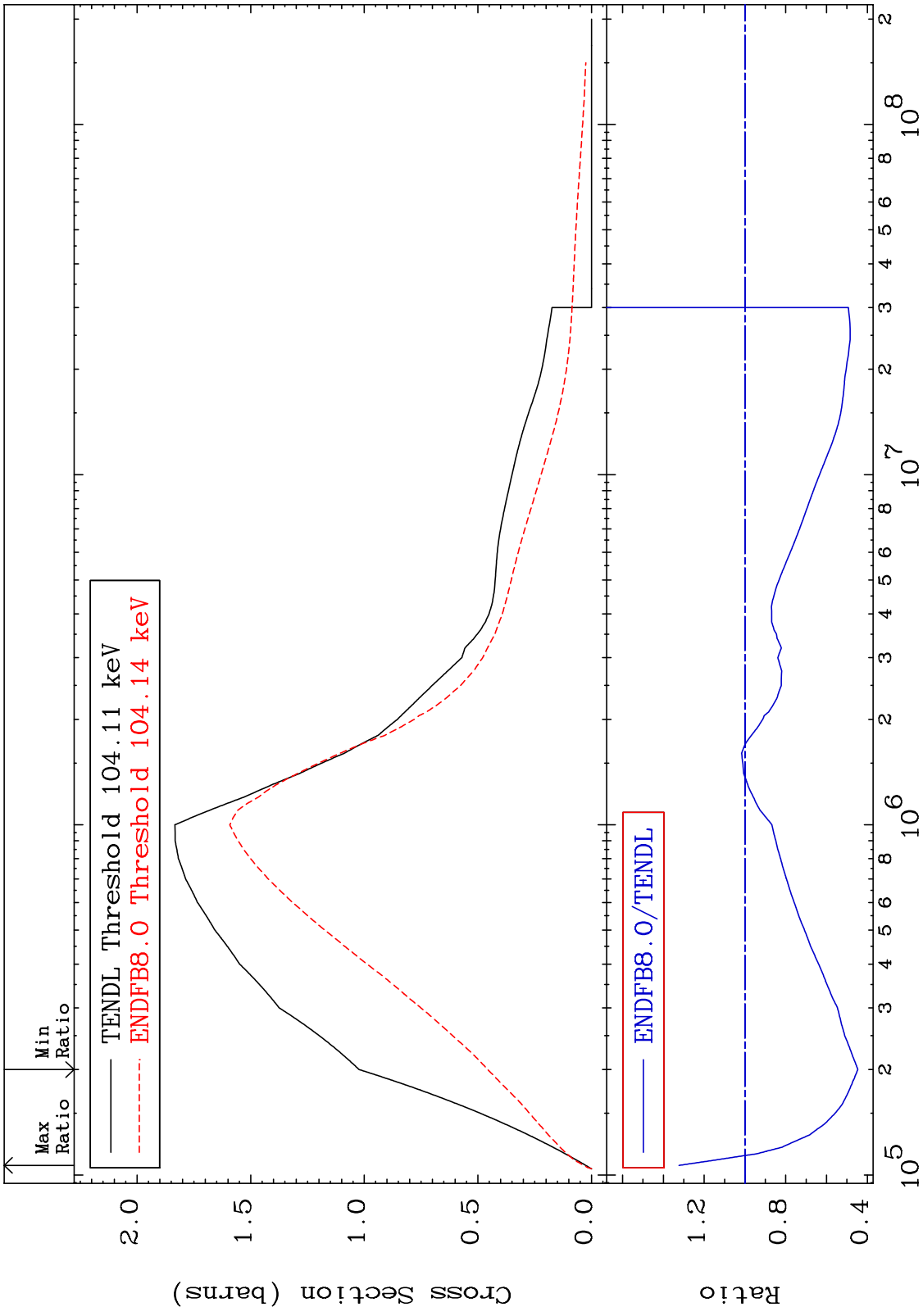
MAT 7425 $(n,4n)$ Cross Section 74-W -180 -97.61 To -47.11%



MAT 7425 (n,2n) p 74-W -180
 Cross Section -99.72 To -2.579%

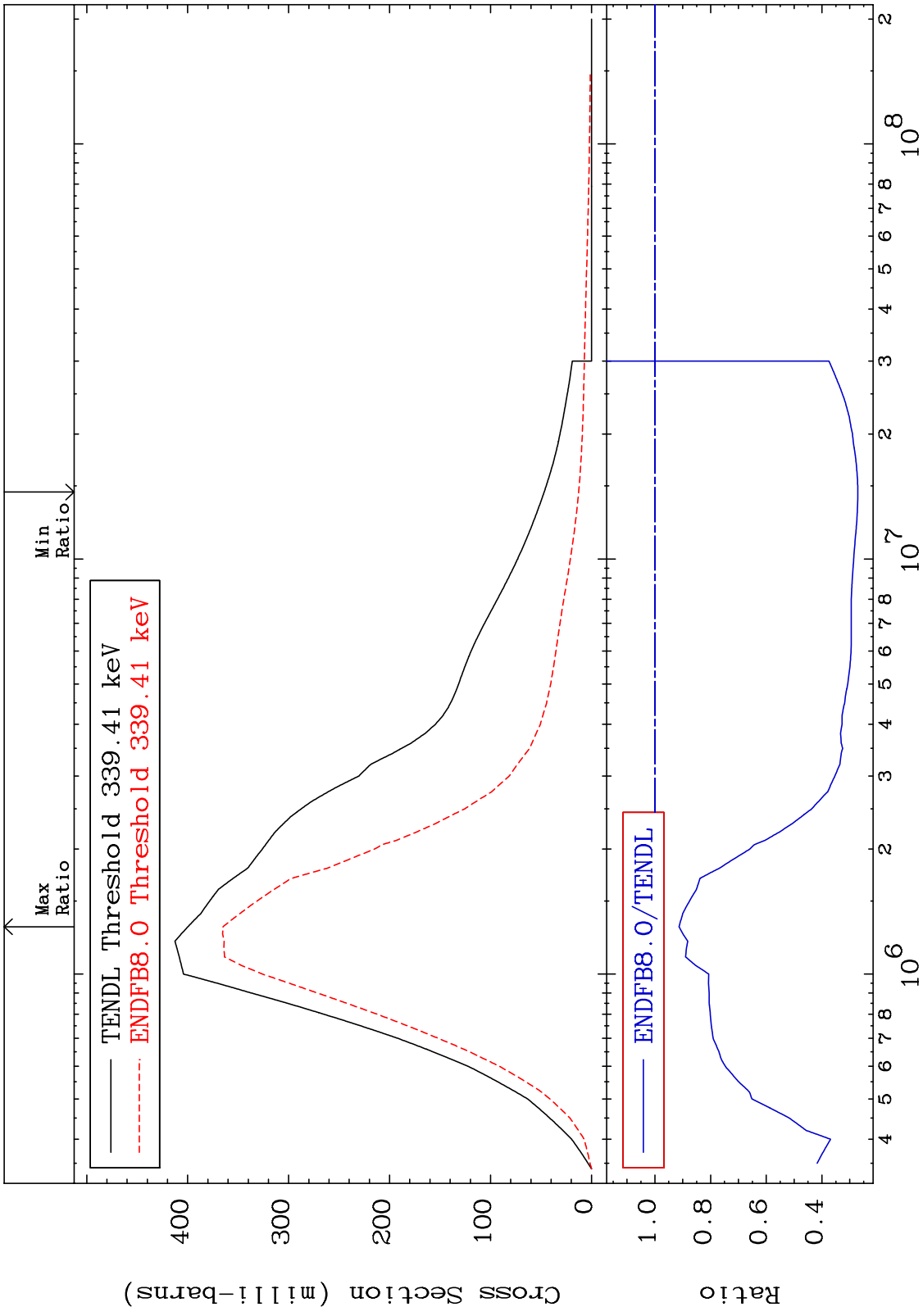


MAT 7425 MT= 51 (n,n') Level Cross Section 74-W -180
 -55.35 To 32.33 %

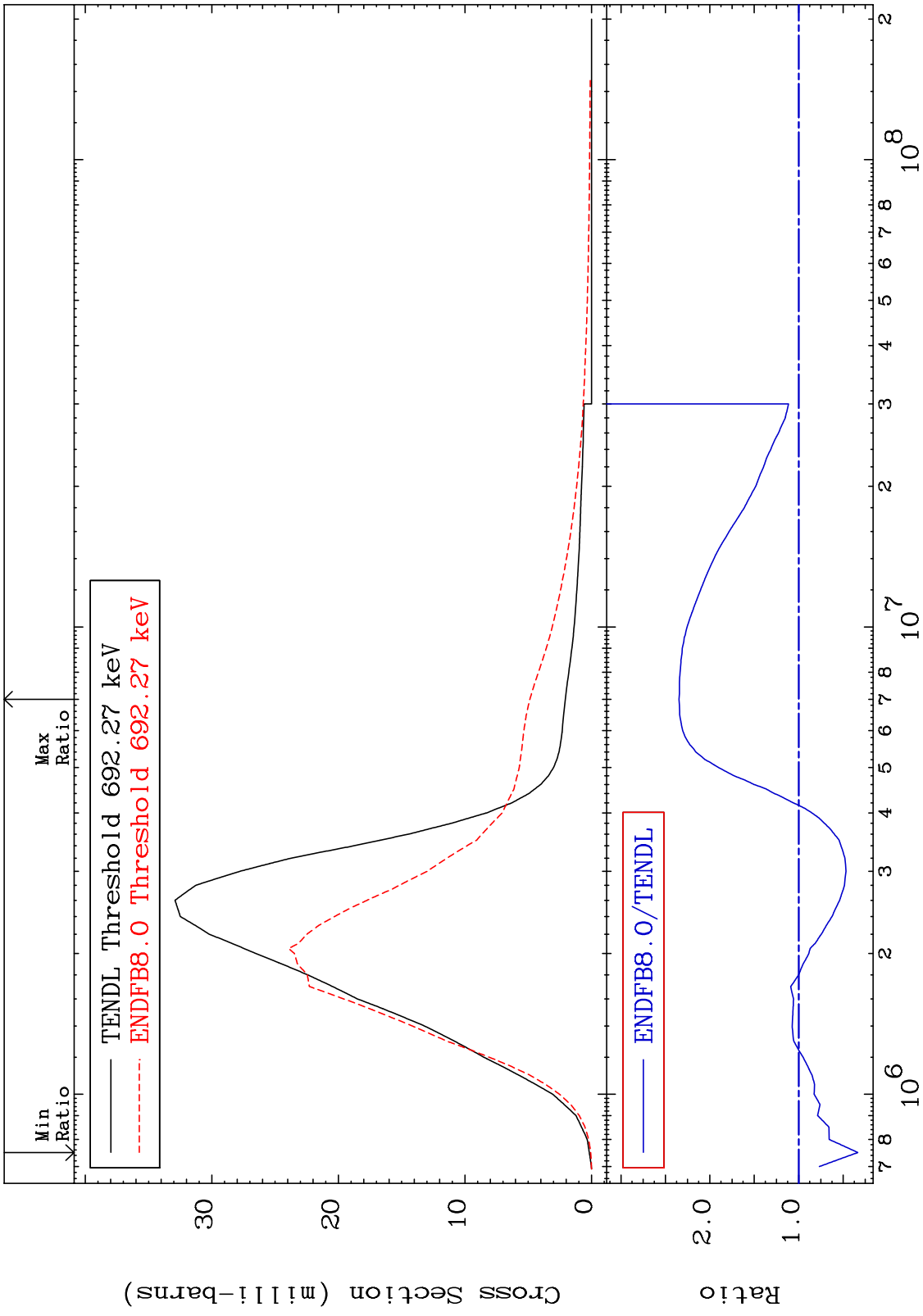


74-W -180

MAT 7425 MT= 52 (n,n') Level Cross Section 74-W -180
 -72.88 To -8.676%

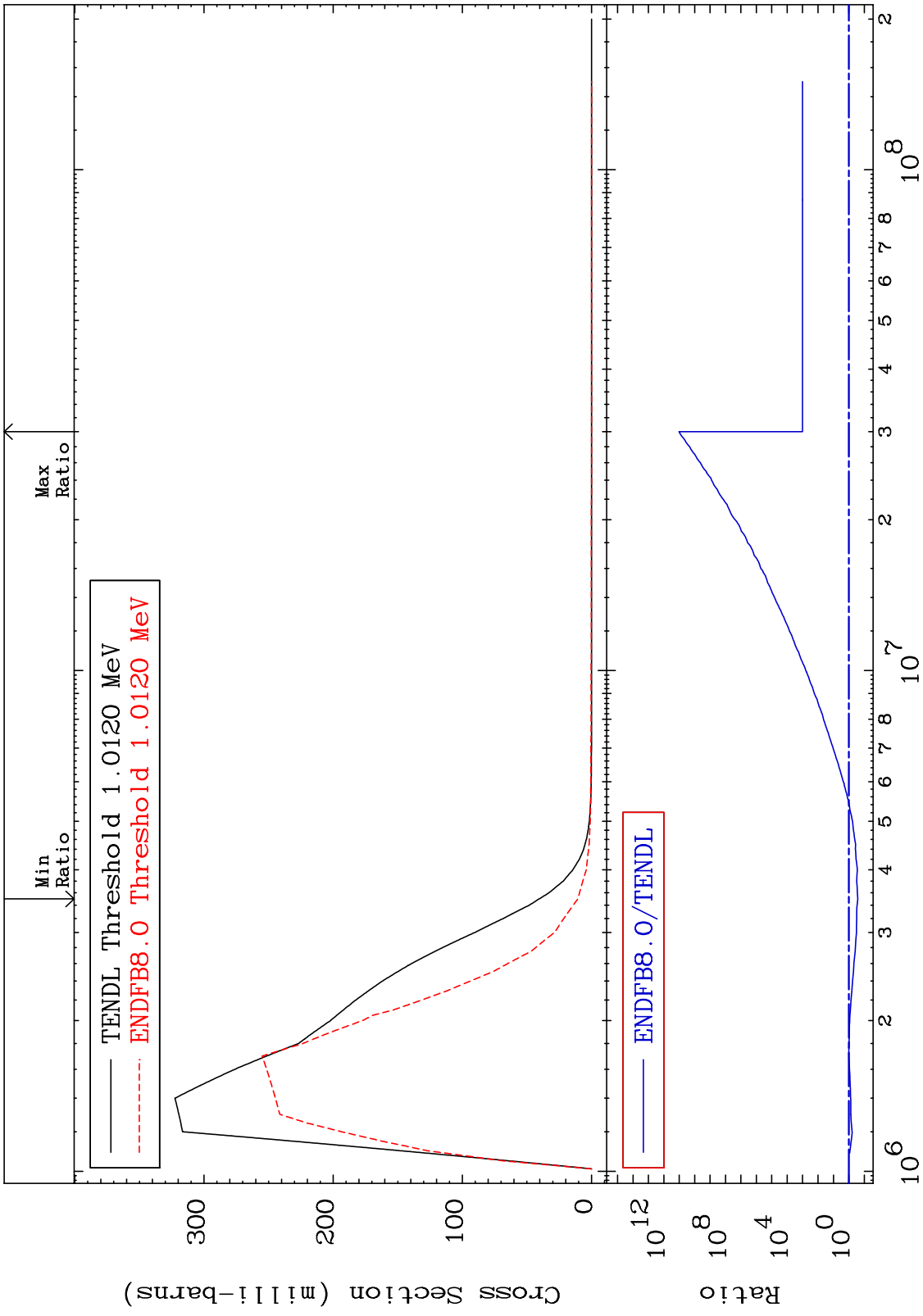


MAT 7425 MT= 53 (n,n') Level Cross Section 74-W -180
 -66.58 To 134.6 %



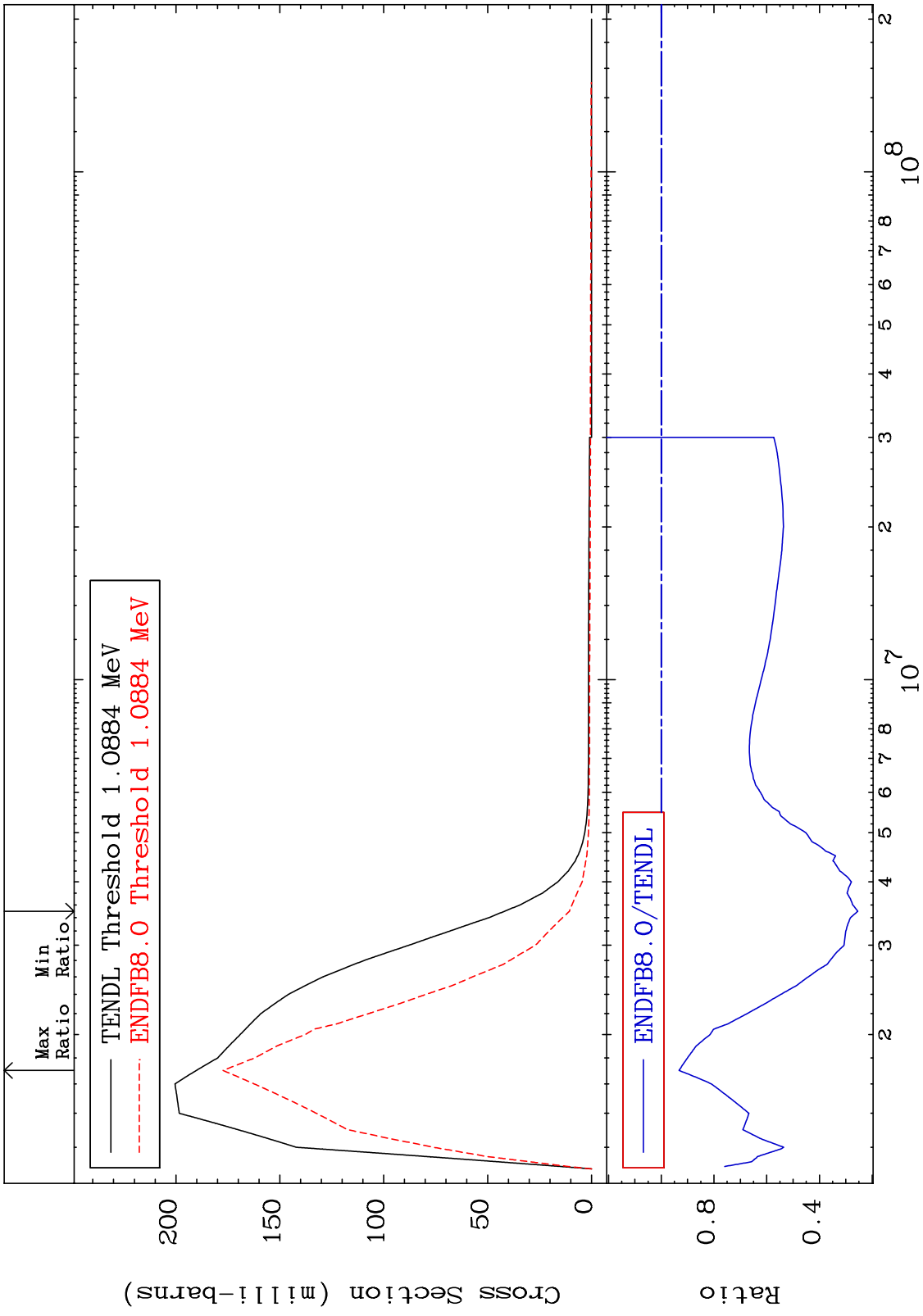
12 74-W -180

MAT 7425 MT= 54 (n,n') Level Cross Section 74-W -180
 -73.92 To 9999. %

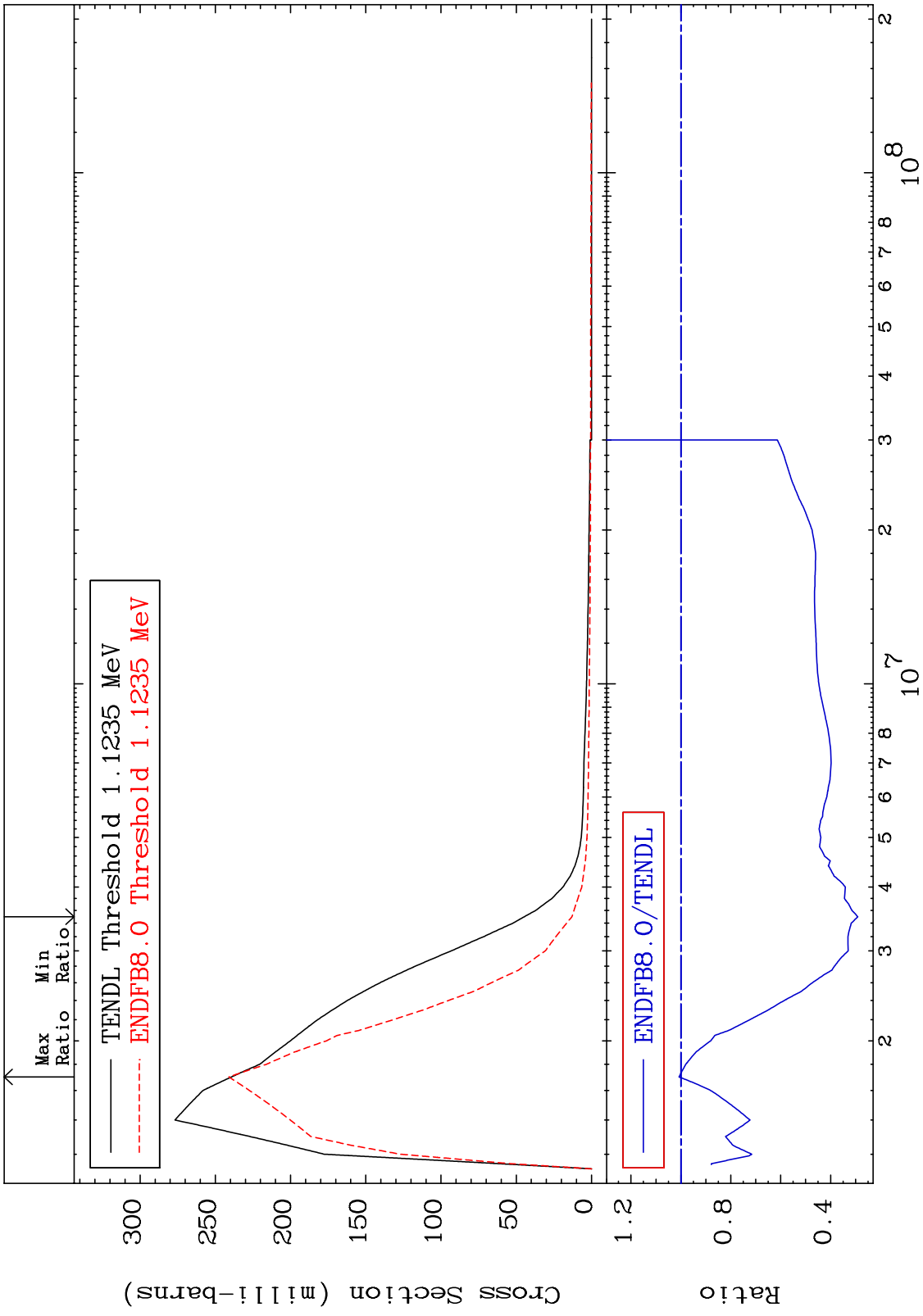


13 74-W -180

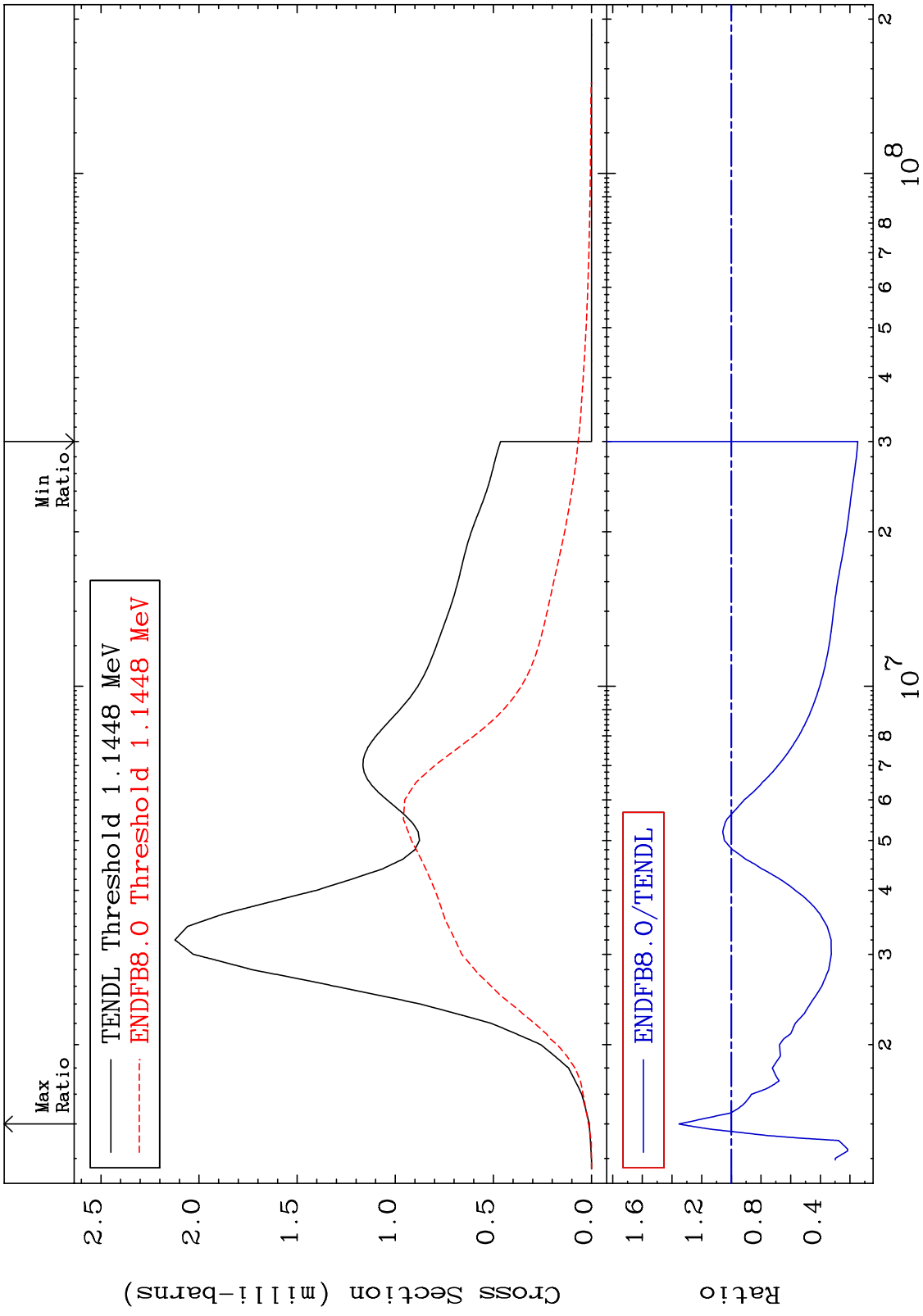
MAT 7425 MT= 55 (n,n') Level Cross Section 74-W -180
 -74.57 To -6.755%



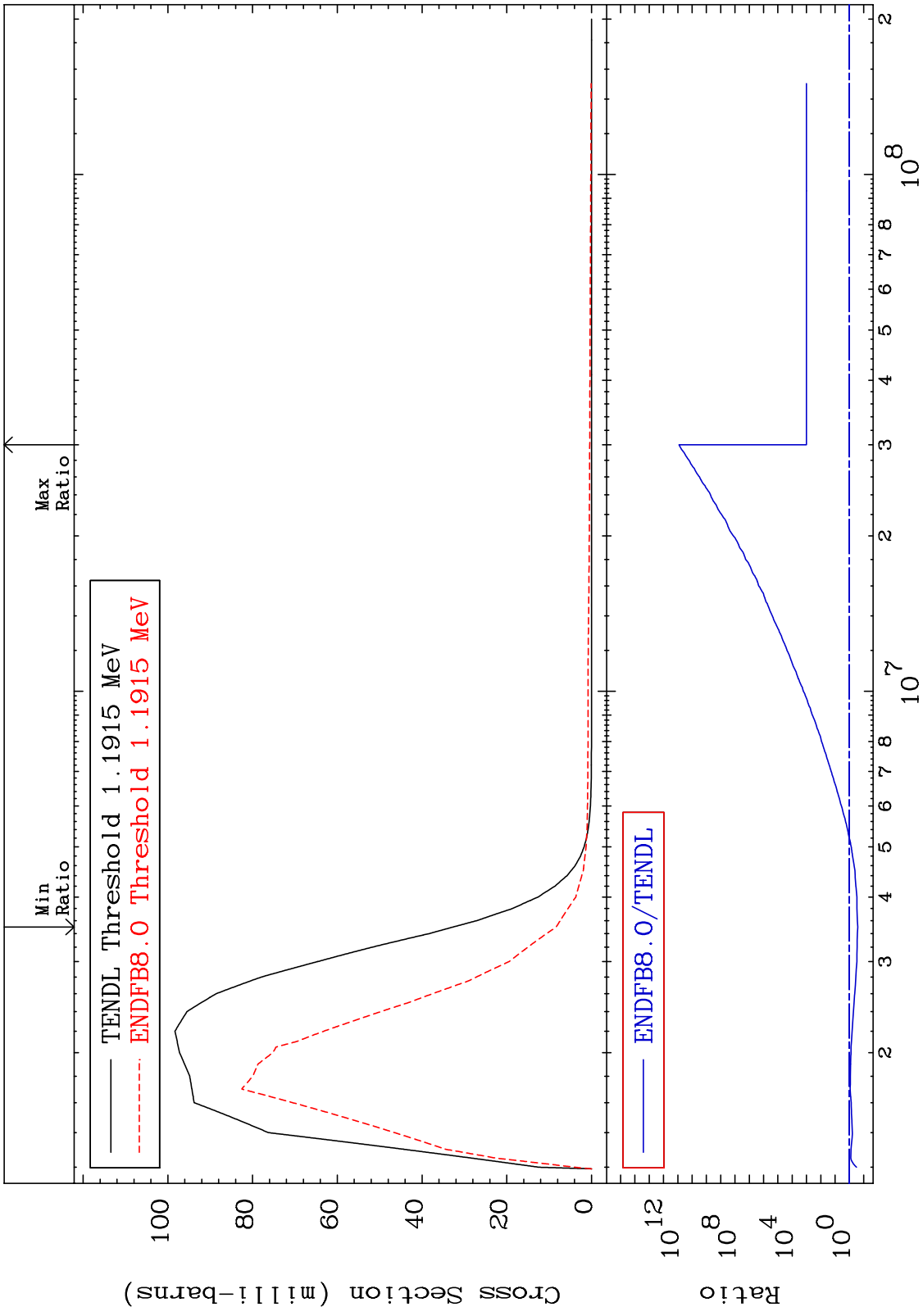
MAT 7425 MT= 56 (n,n') Level Cross Section 74-W -180
 -70.92 To 0.735 %



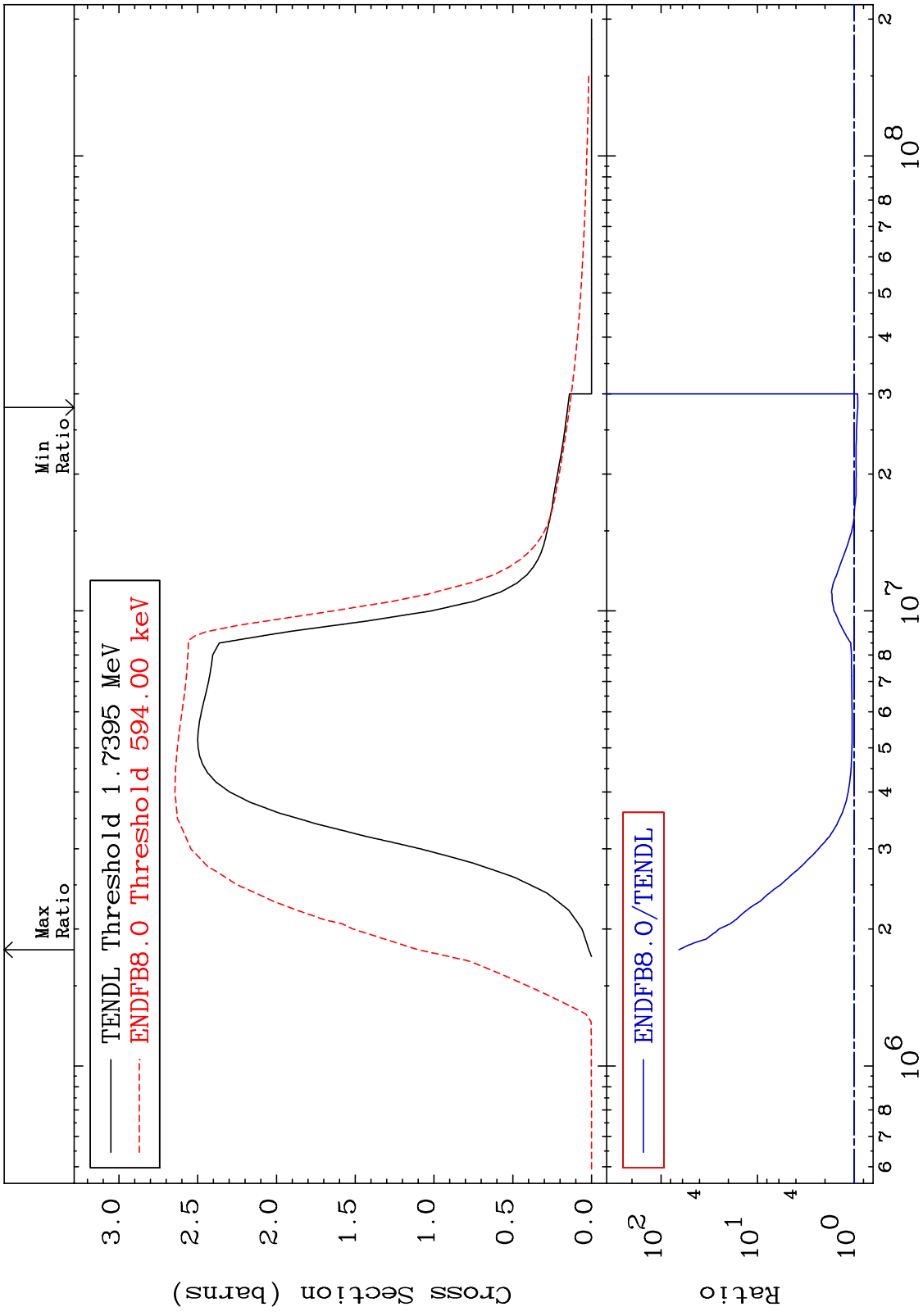
MAT 7425 MT= 57 (n,n') Level Cross Section 74-W -180 -85.30 To 35.26 %



MAT 7425 MT= 58 (n,n') Level Cross Section 74-W -180
 -74.48 To 9999. %



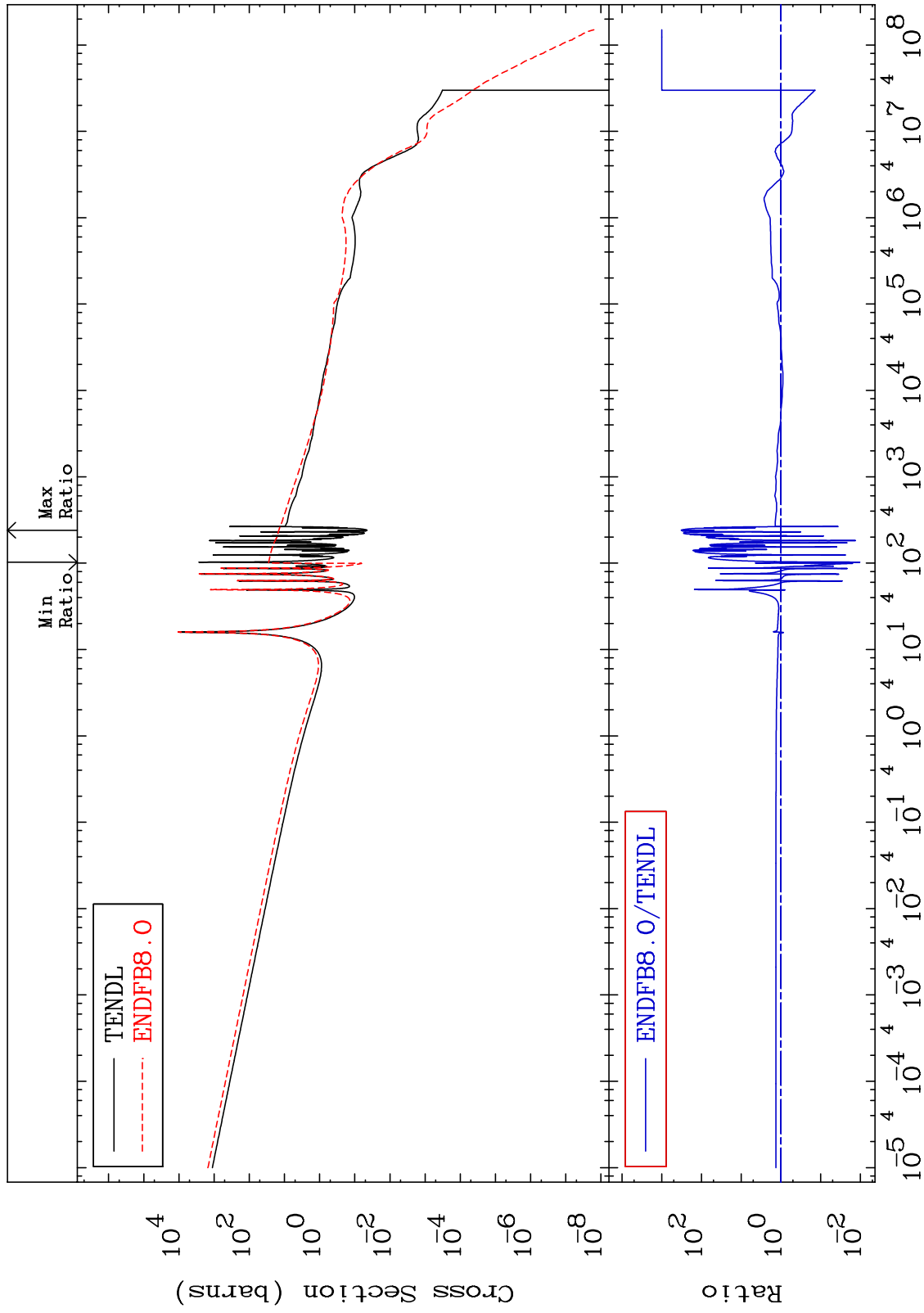
MAT 7425 (n,n') Continuum Cross Section 74-W -180
 -8.531 To 6403. %



MAT 7425

(n, γ)
Cross Section

74-W -180
-98.96 To 9999. %



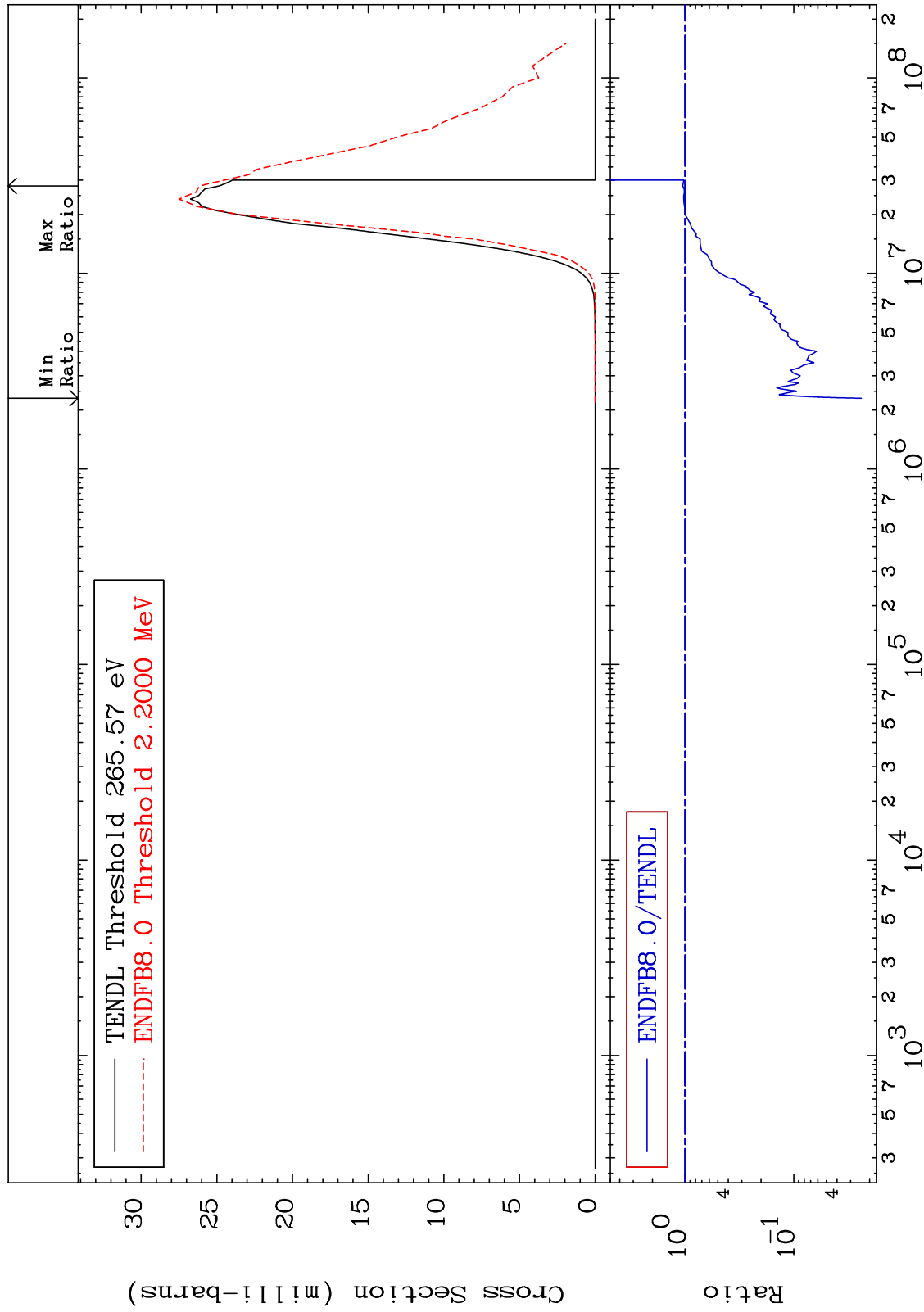
MAT 7425

(n,p)

Cross Section

74-W -180

-97.61 To 5.212 %

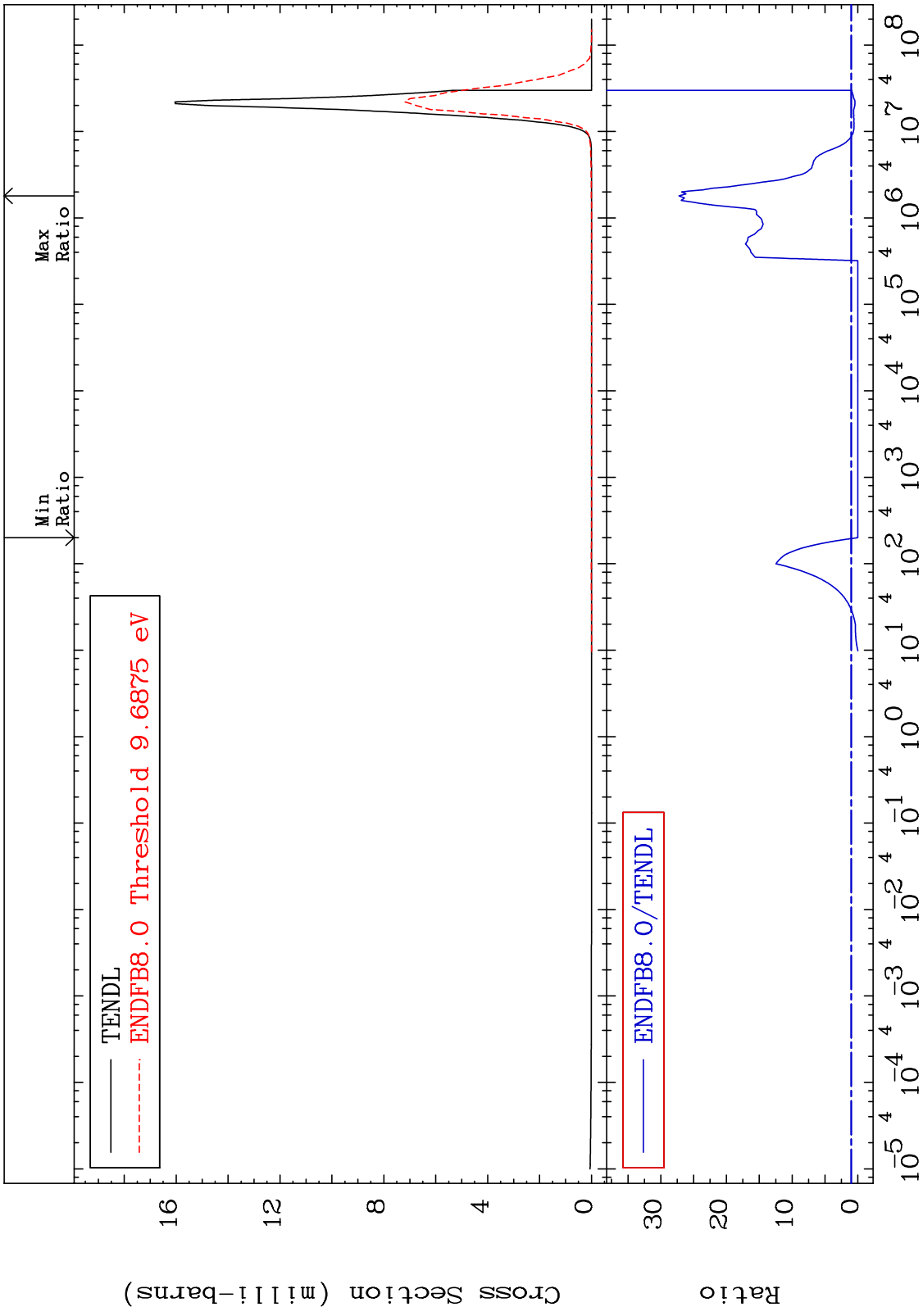


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Incident Energy (eV)

74-W -180

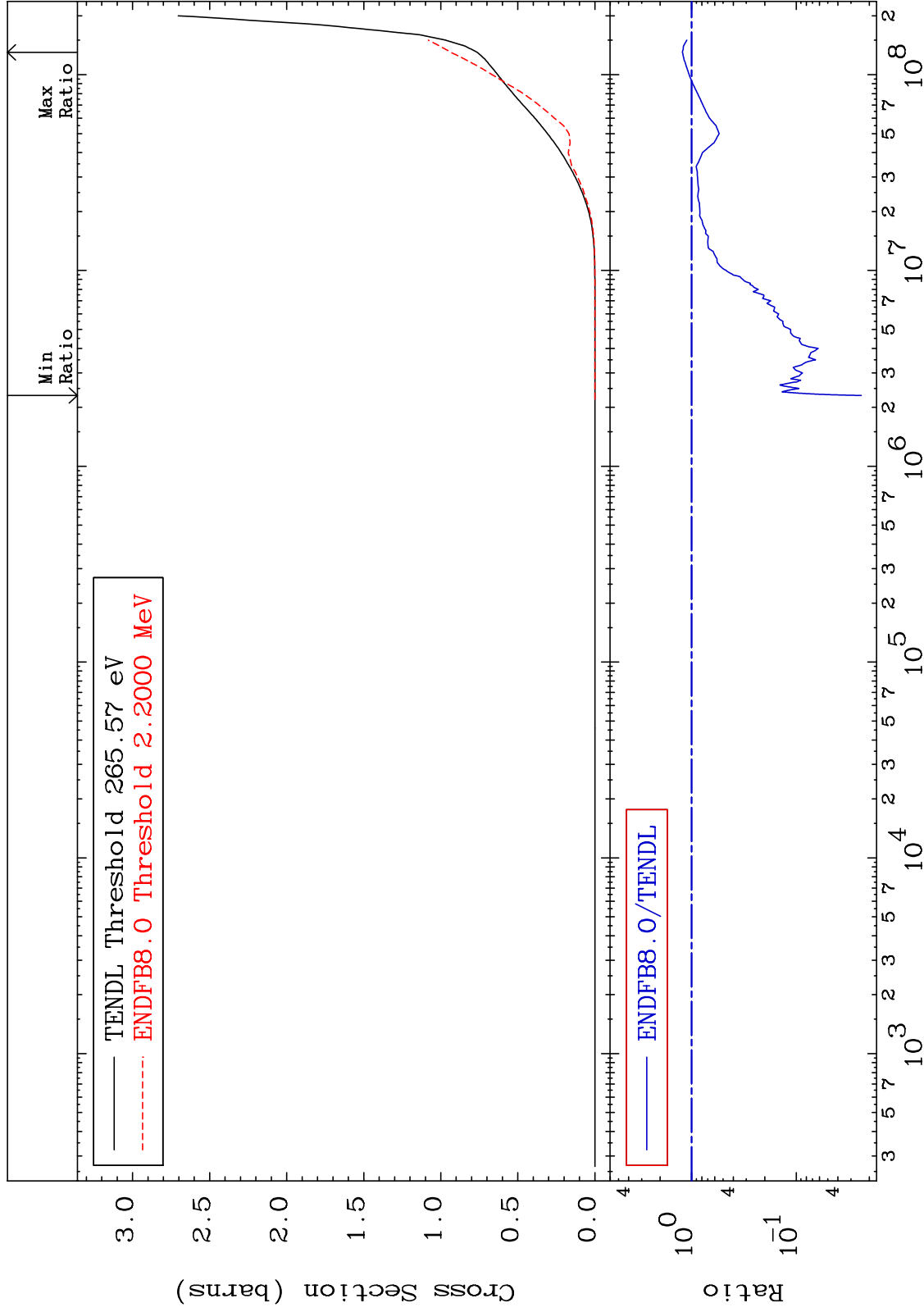
MAT 7425 (n, α) Cross Section 74-W -180 -100.0 To 2622. %



MAT 7425

Hydrogen Production
Cross Section

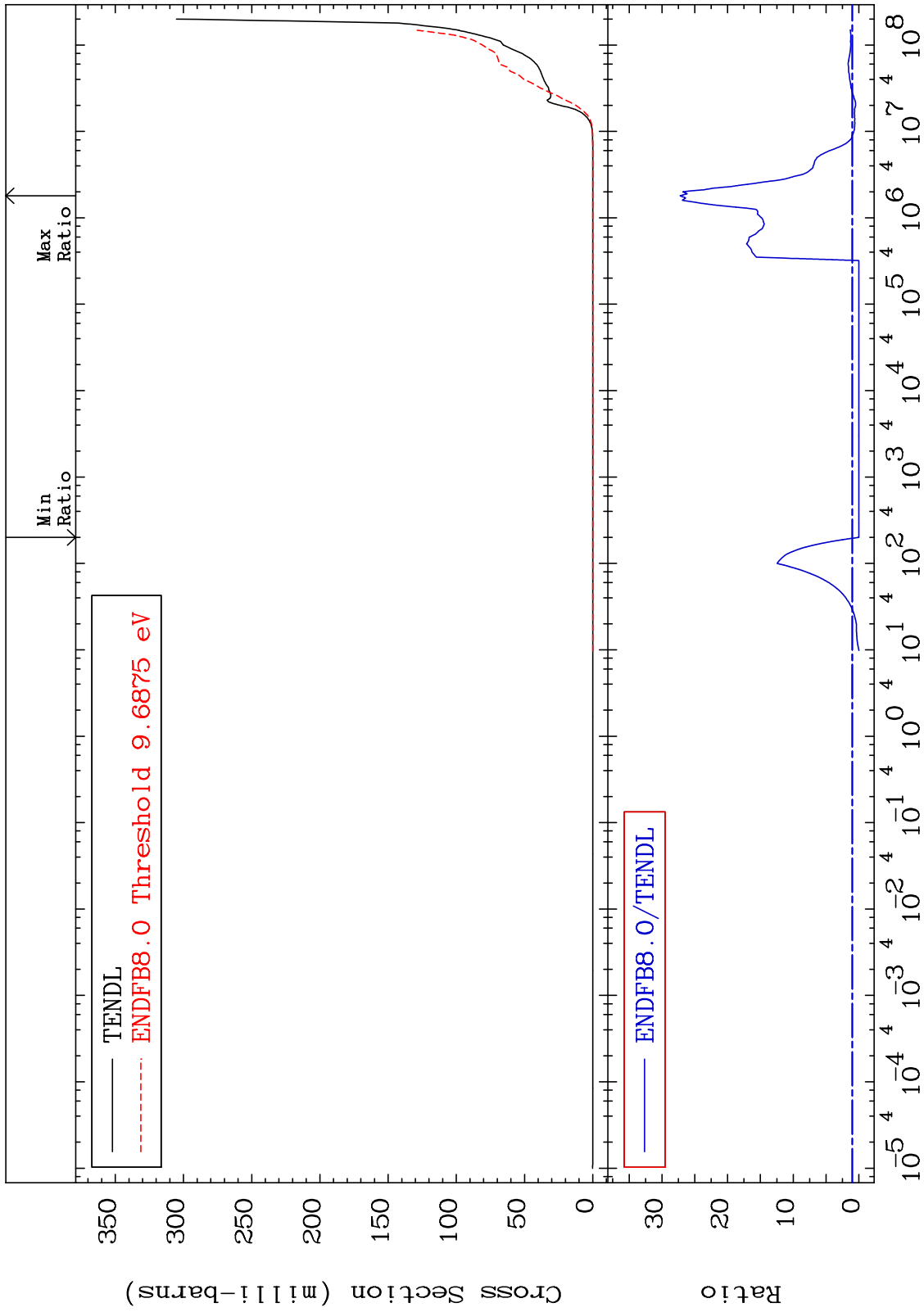
74-W -180
-97.61 To 22.37 %



MAT 7425

He-4 Production
Cross Section

74-W -180
-100.0 To 2622. %

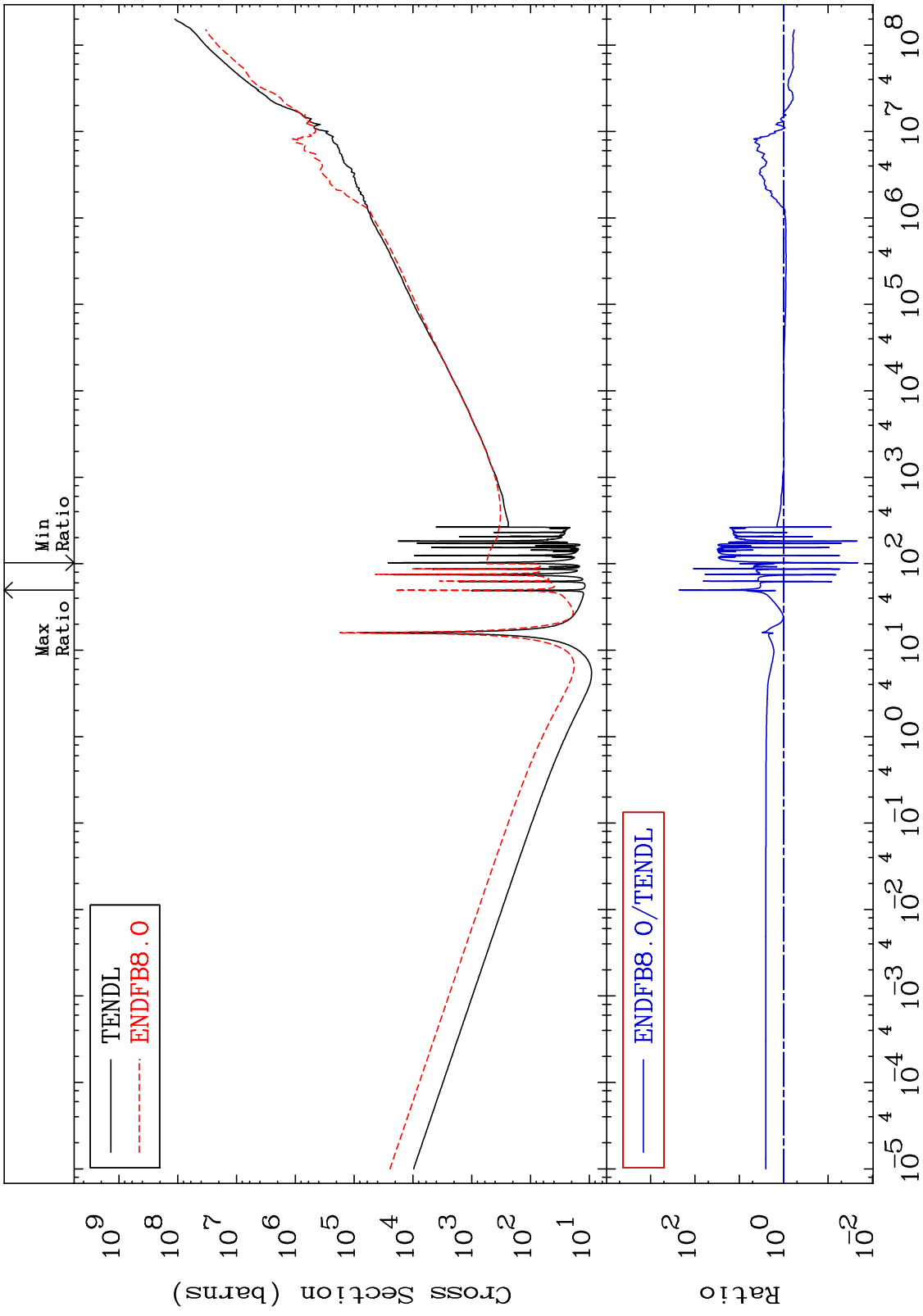


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Incident Energy (eV)

74-W -180

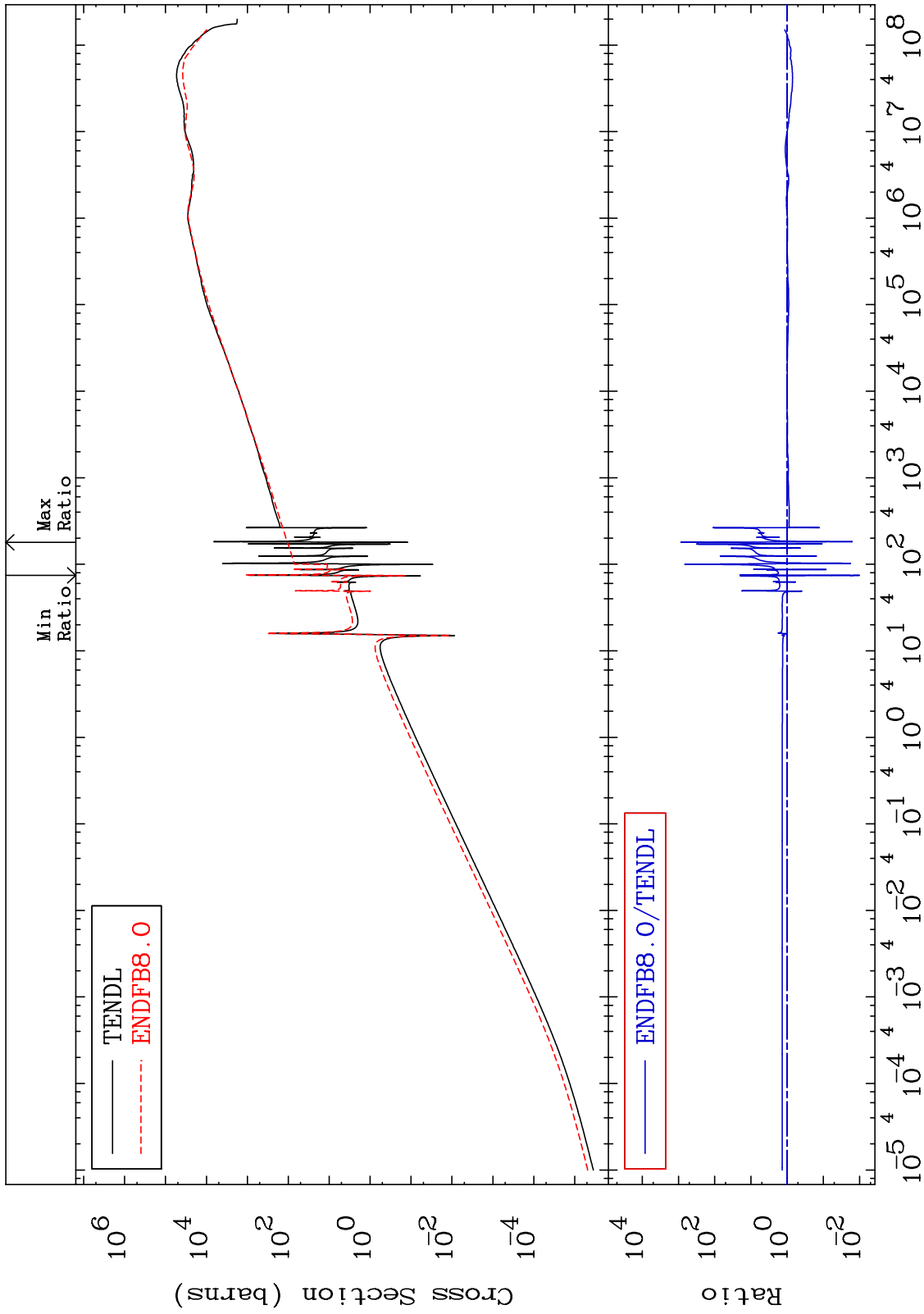
MAT 7425 Kerma total (eV-barns) 74-W -180
 Cross Section -97.86 To 9999. %



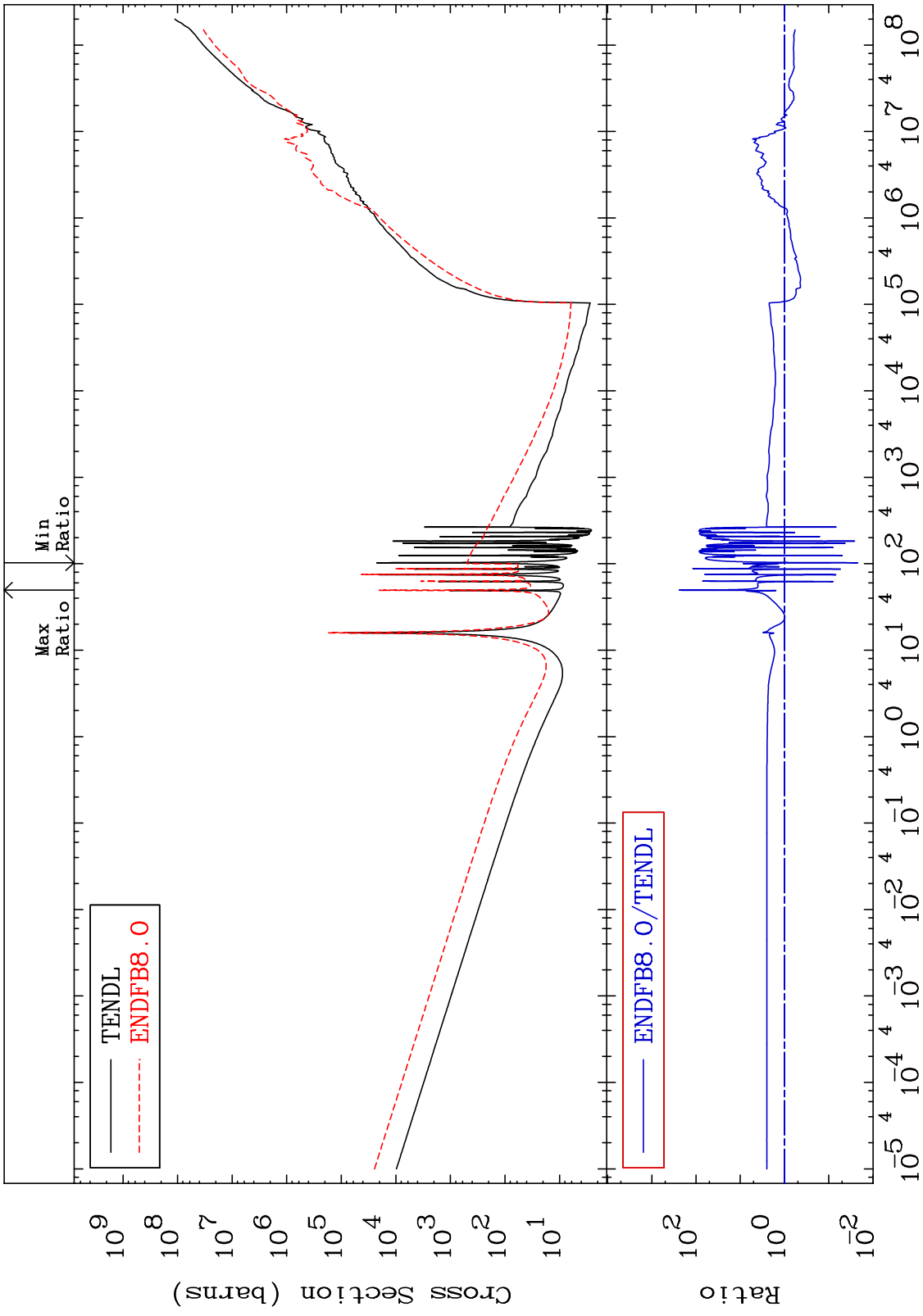
MAT 7425

Kerma elastic
Cross Section

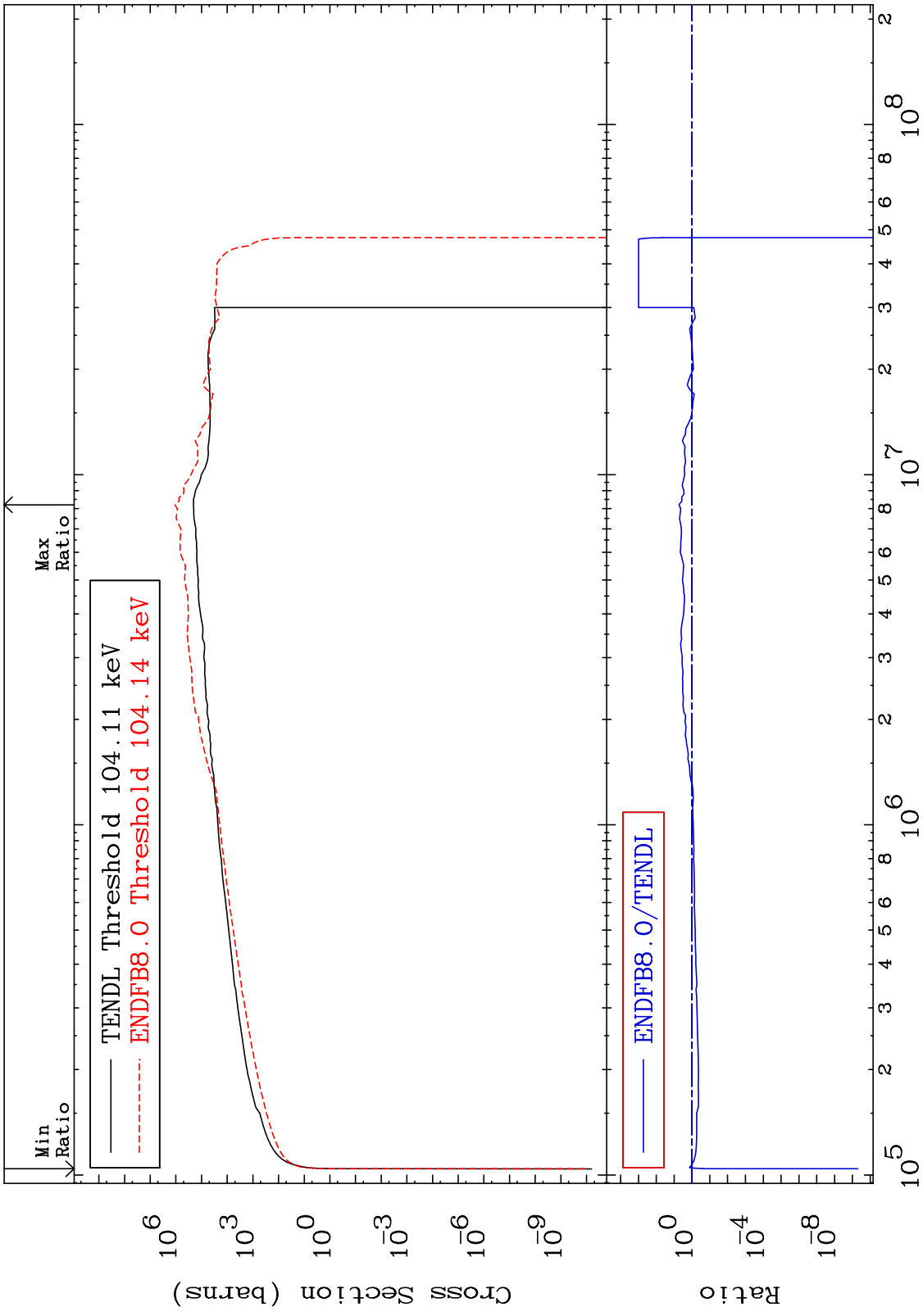
74-W -180
-99.01 To 9999. %



MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 -97.80 To 9999. %
 Cross Section



MAT 7425 Kerma inelastic (mt51-91) 74-W -180
 -100.0 To 429.4 %

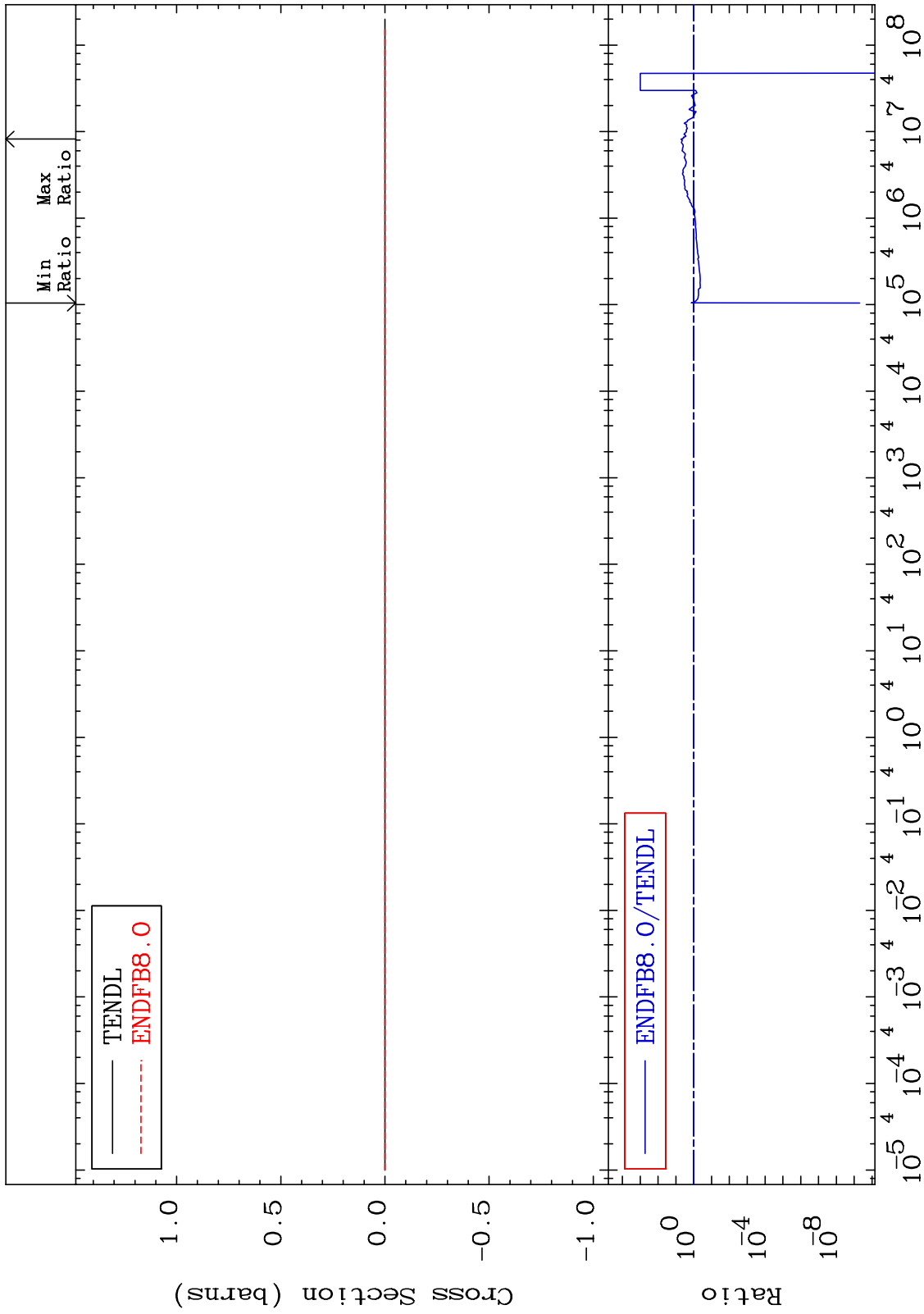


27 74-W -180

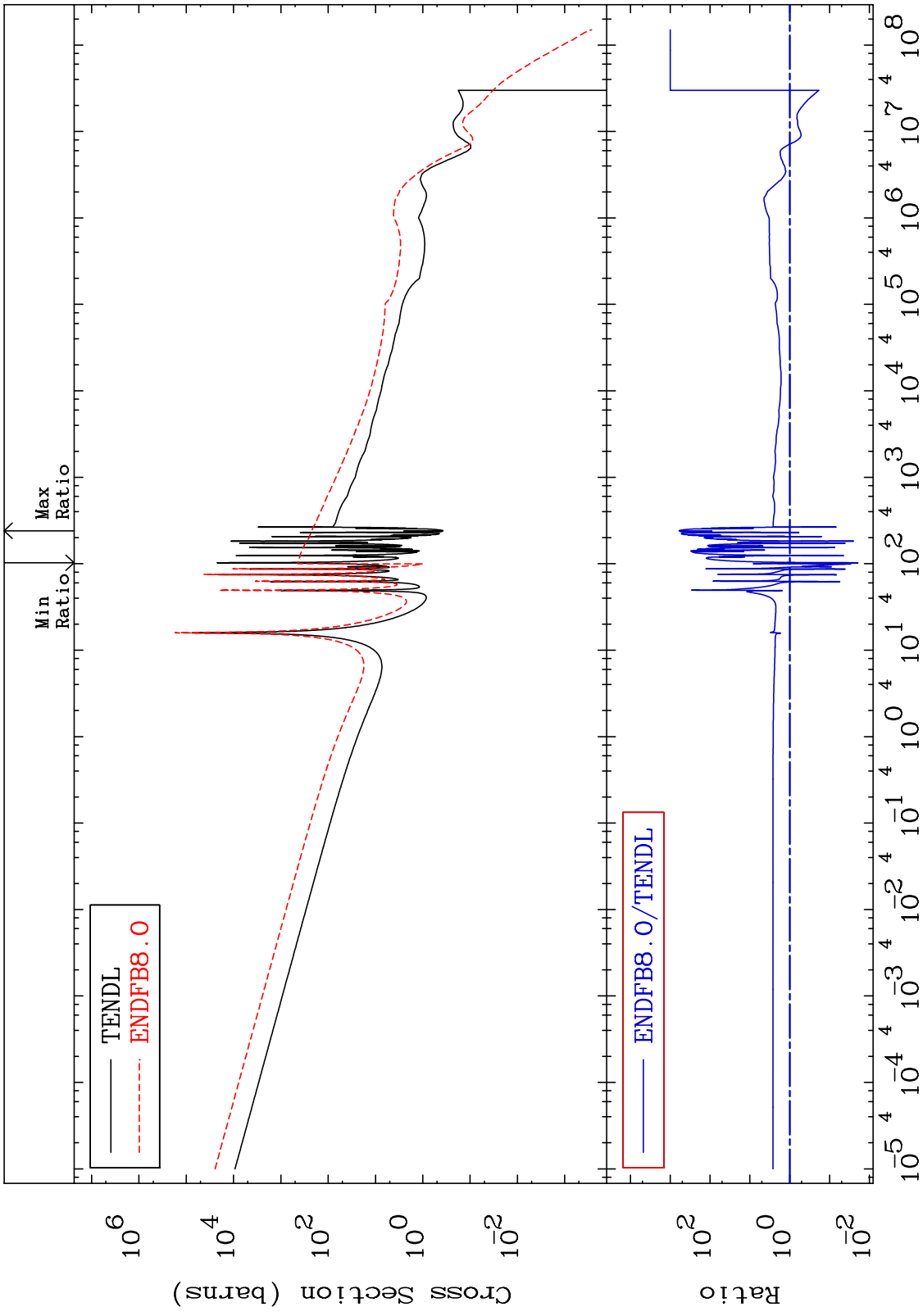
MAT 7425

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

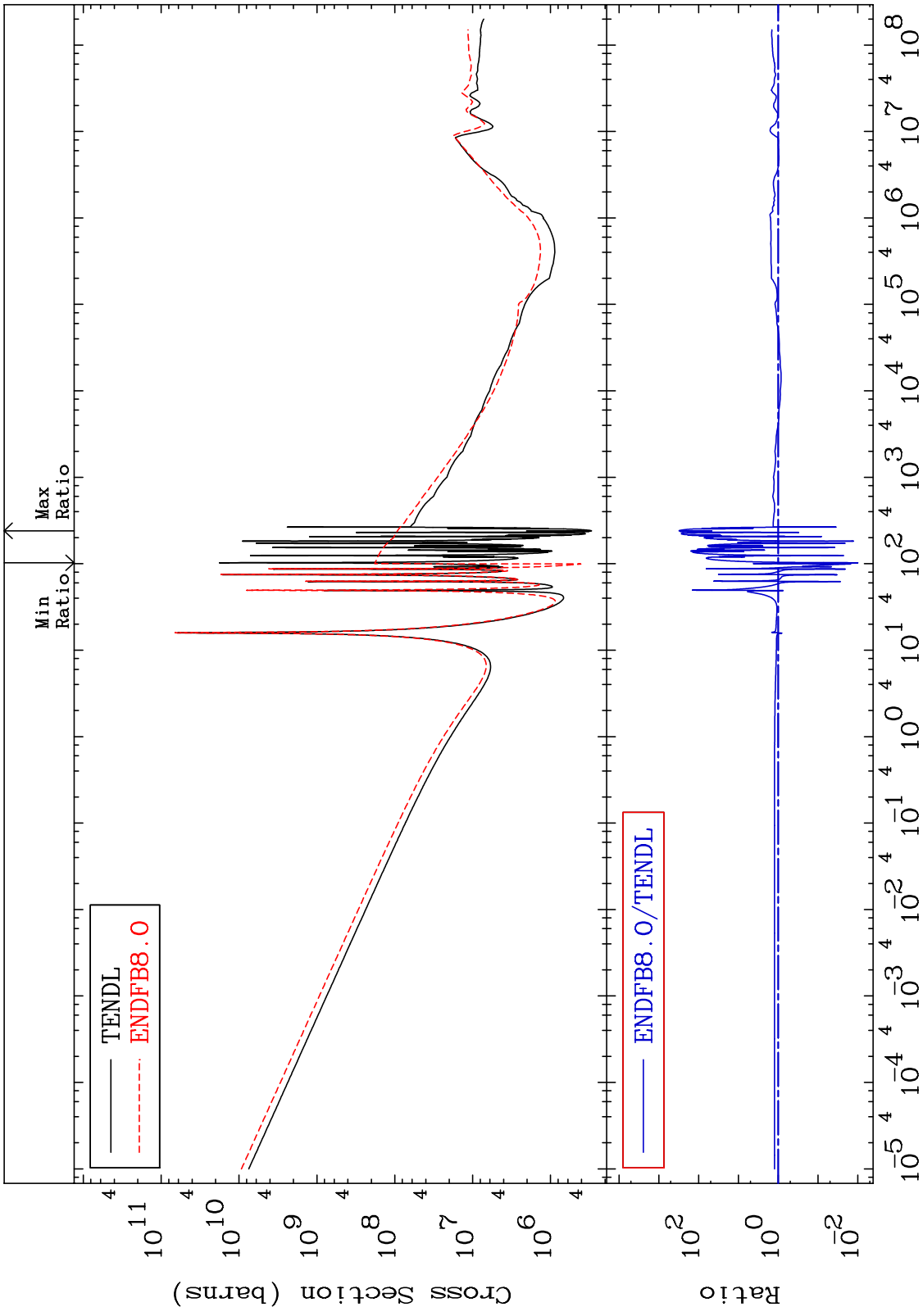
74-W -180
-100.0 To 429.4 %



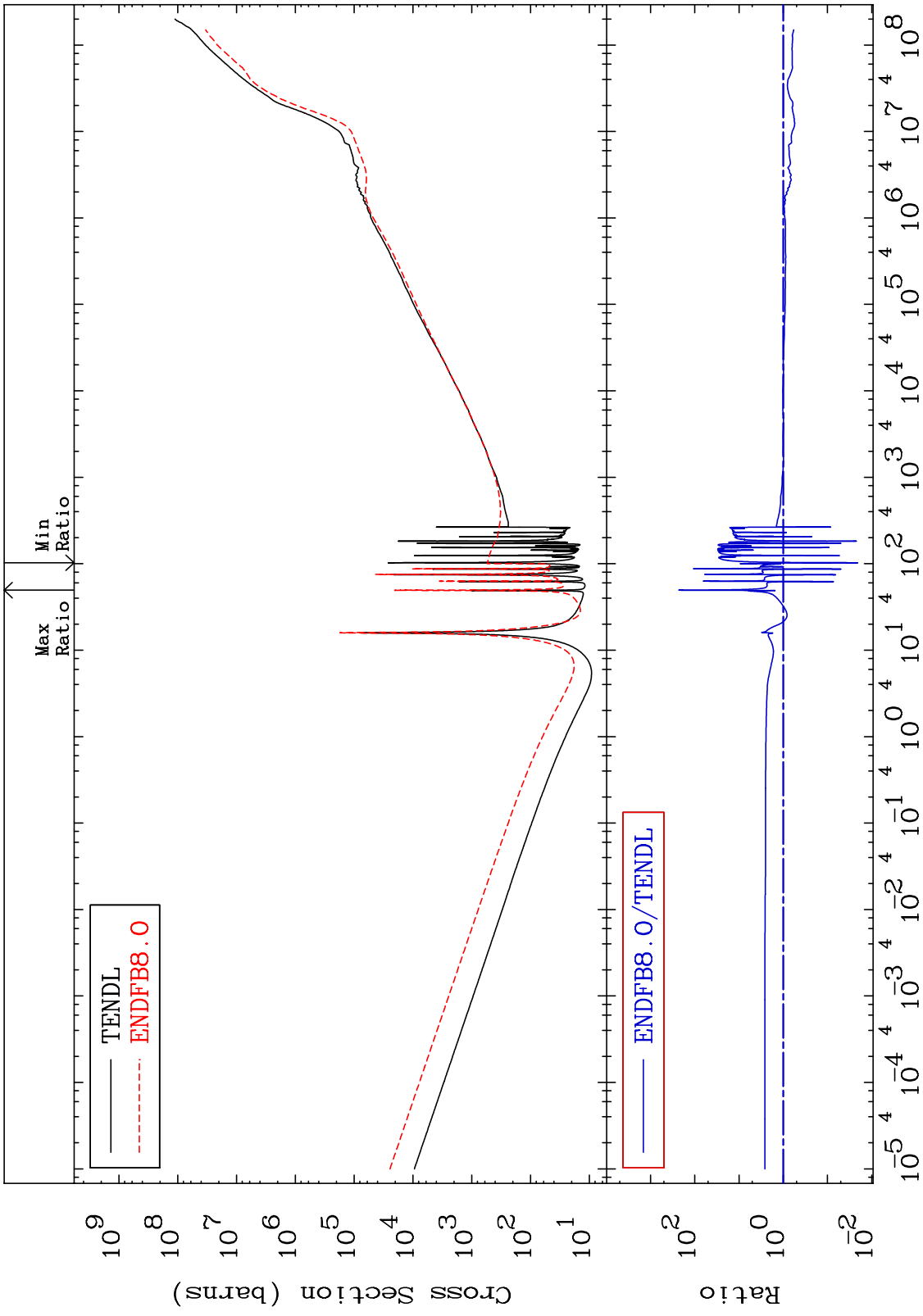
MAT 7425 Kerma capture (mt102) 74-W -180
 -98.06 To 9999. %



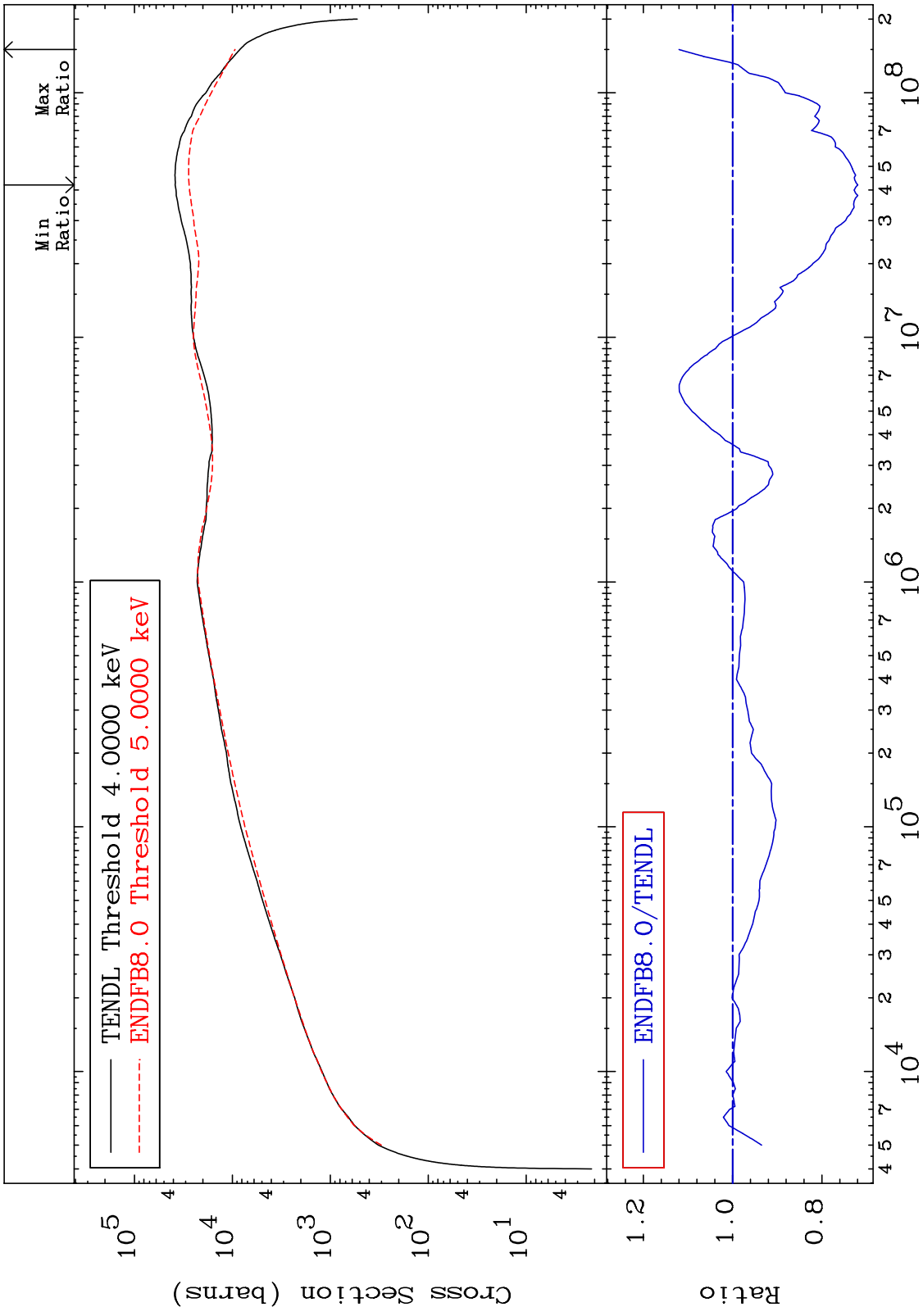
MAT 7425 Total photon (eV-barns) 74-W -180
 Cross Section -99.00 To 9999. %



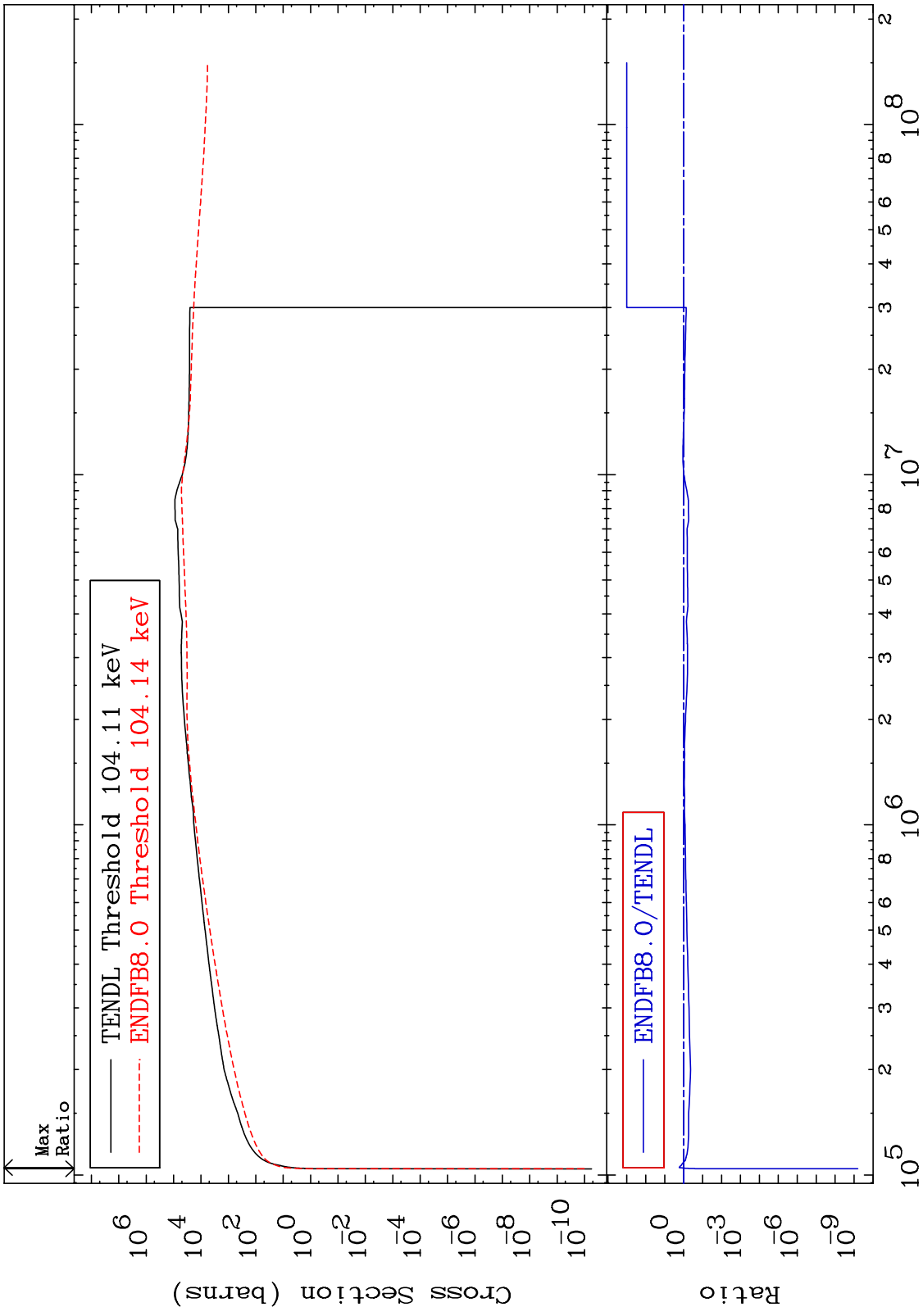
MAT 7425 Total kinematic kerma (high limit) 74-W -180
 Cross Section -97.94 To 9999. %



MAT 7425 Dpa elastic (mt2) Cross Section 74-W -180 -28.05 To 12.00 %

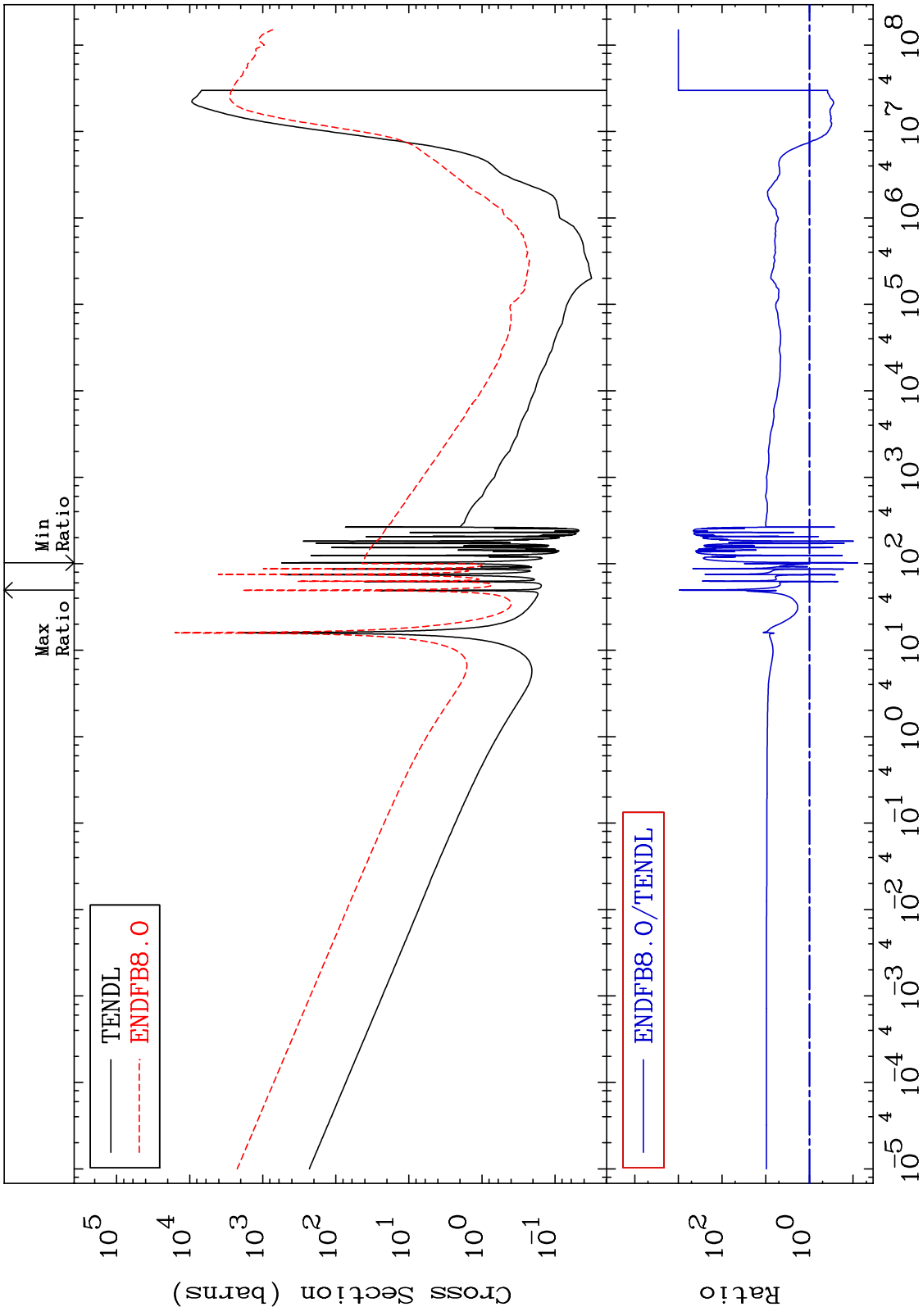


MAT 7425 Dpa inelastic (mt51-91) 74-W -180
 Cross Section -100.0 To 74.60 %



34 74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
 -92.21 To 9999. %
 Cross Section



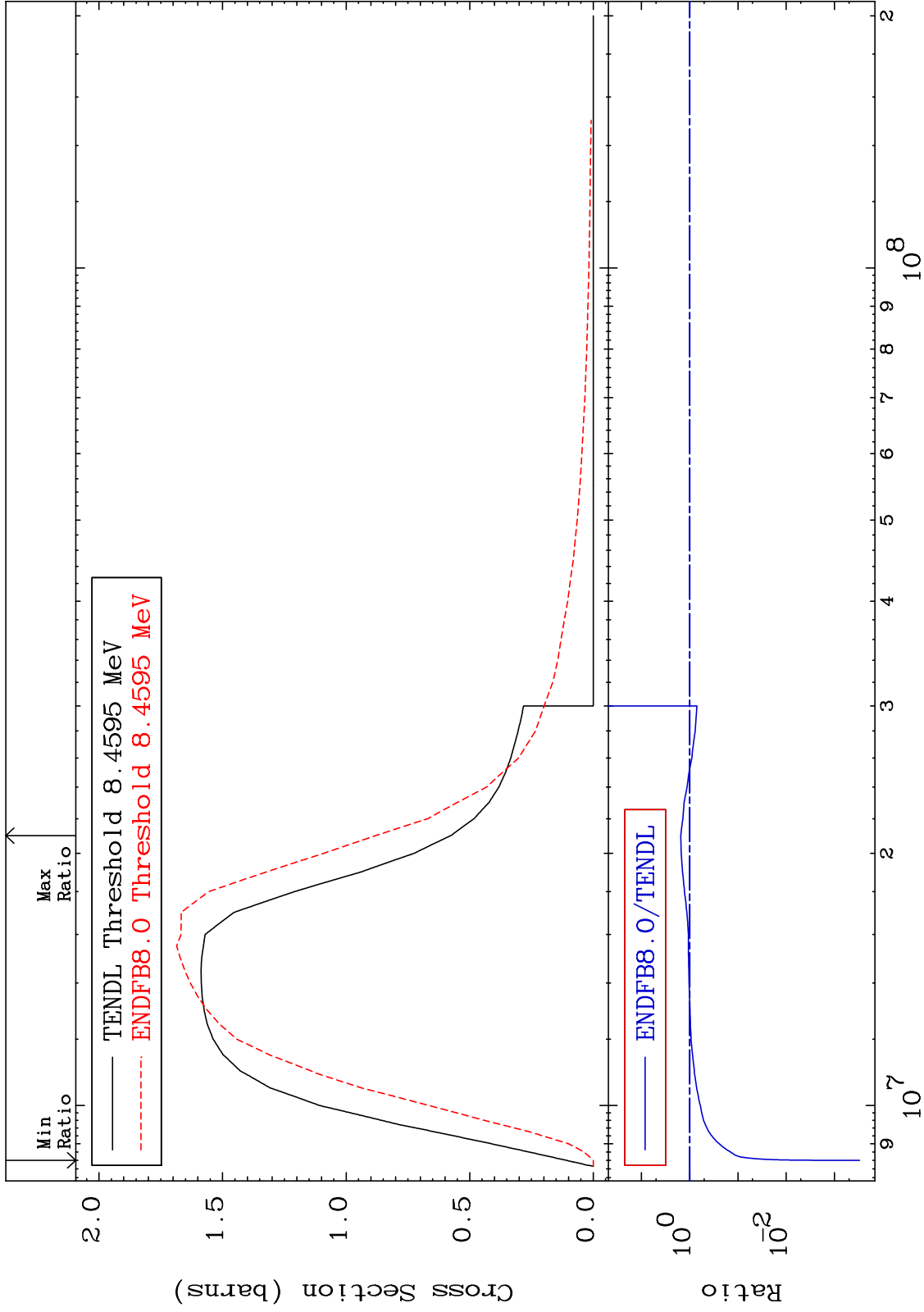
Incident Energy (eV) 74-W -180

MAT 7425

(n,2n):74-W -179g

74-W -180

Radionuclide Production Cross Section -99.97 To 52.73 %



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Incident Energy (eV)

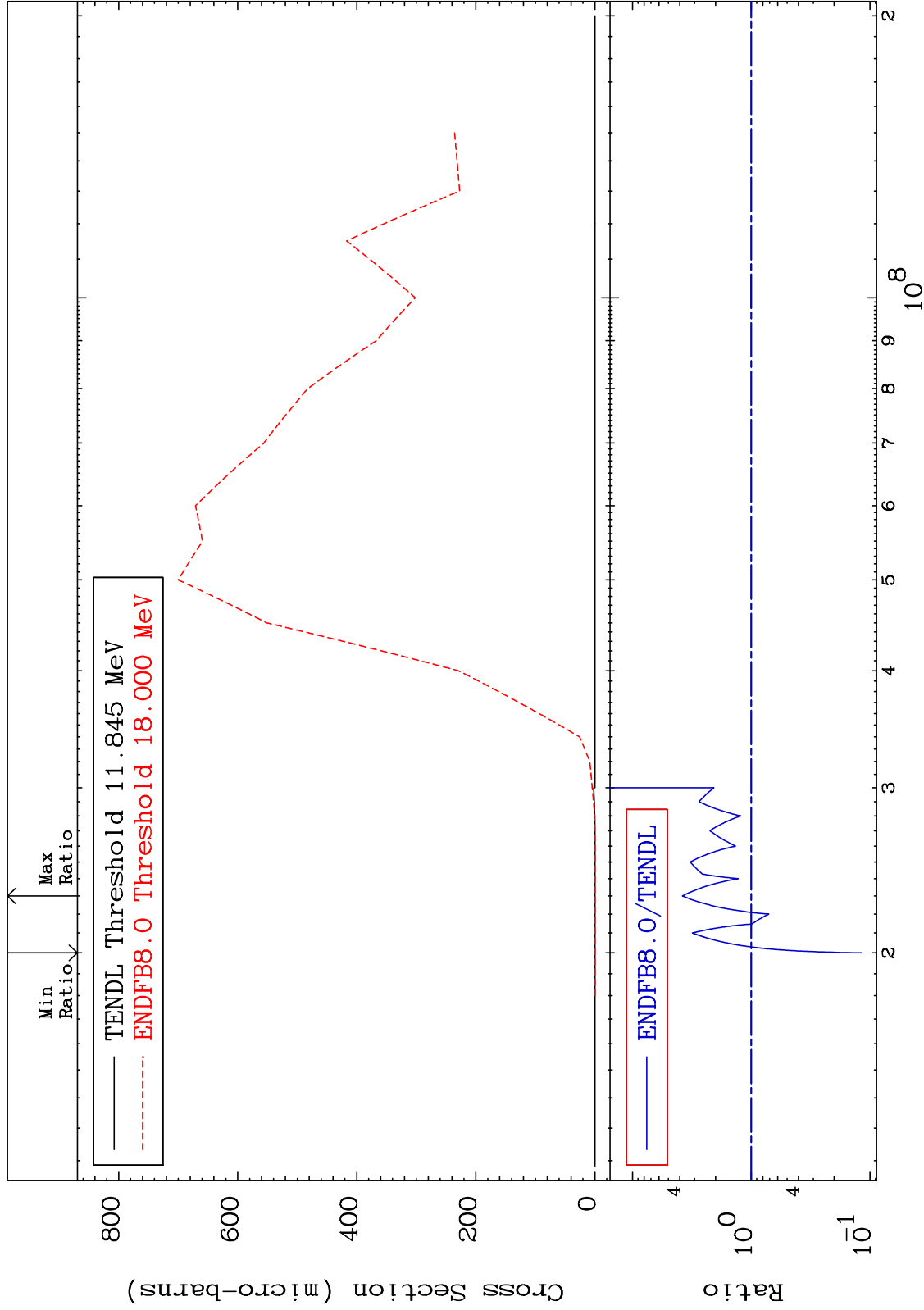
74-W -180

MAT 7425

(n,2n) p:72-Hf-178g

74-W -180

Radionuclide Production Cross Section -88.17 To 280.2 %



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Incident Energy (eV)

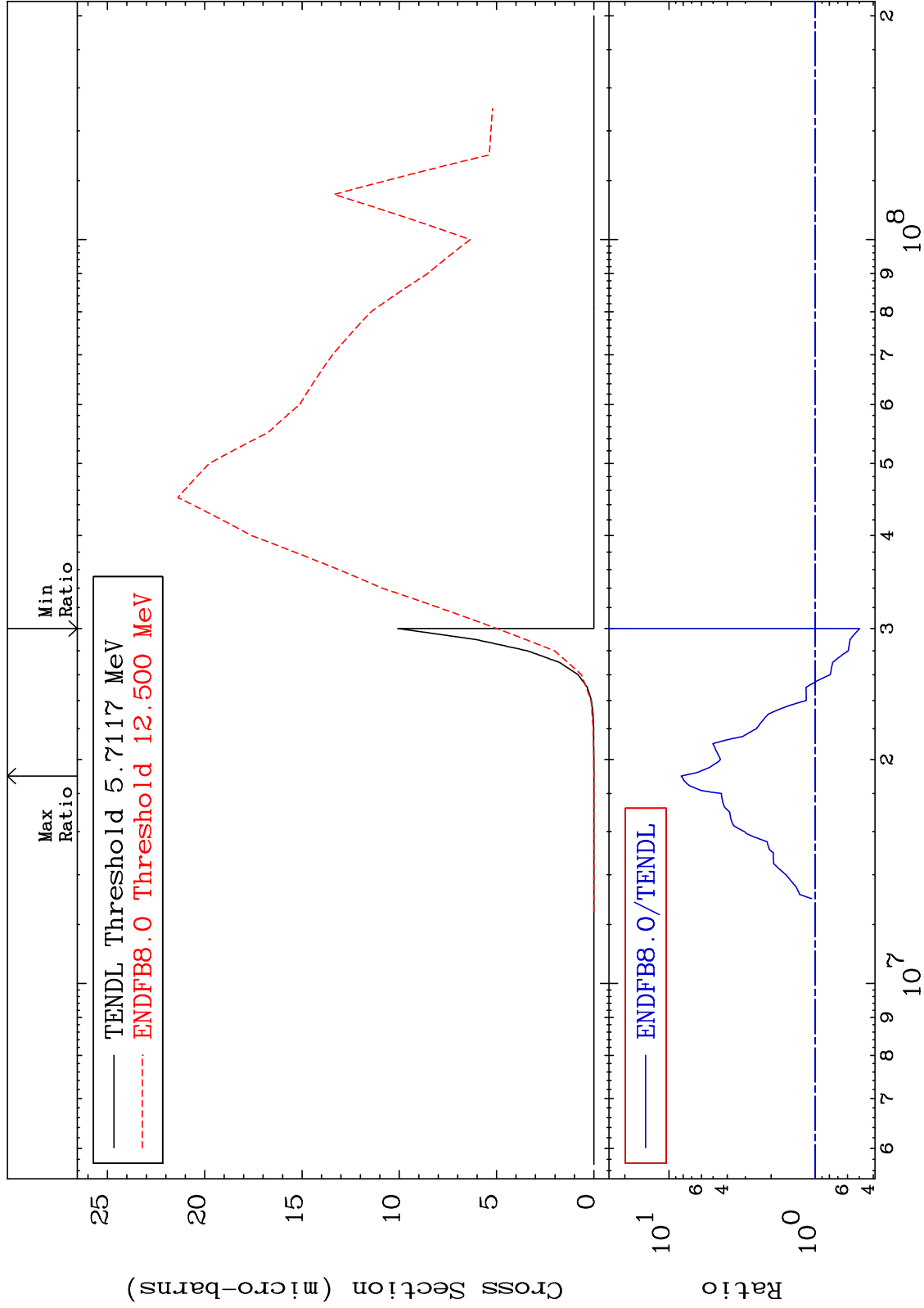
74-W -180

MAT 7425

(n,2p):72-Hf-179g

74-W -180

Radionuclide Production Cross Section -50.46 To 723.9 %



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Incident Energy (eV)

74-W -180