

Program Complot
(Version 2021-1)

by

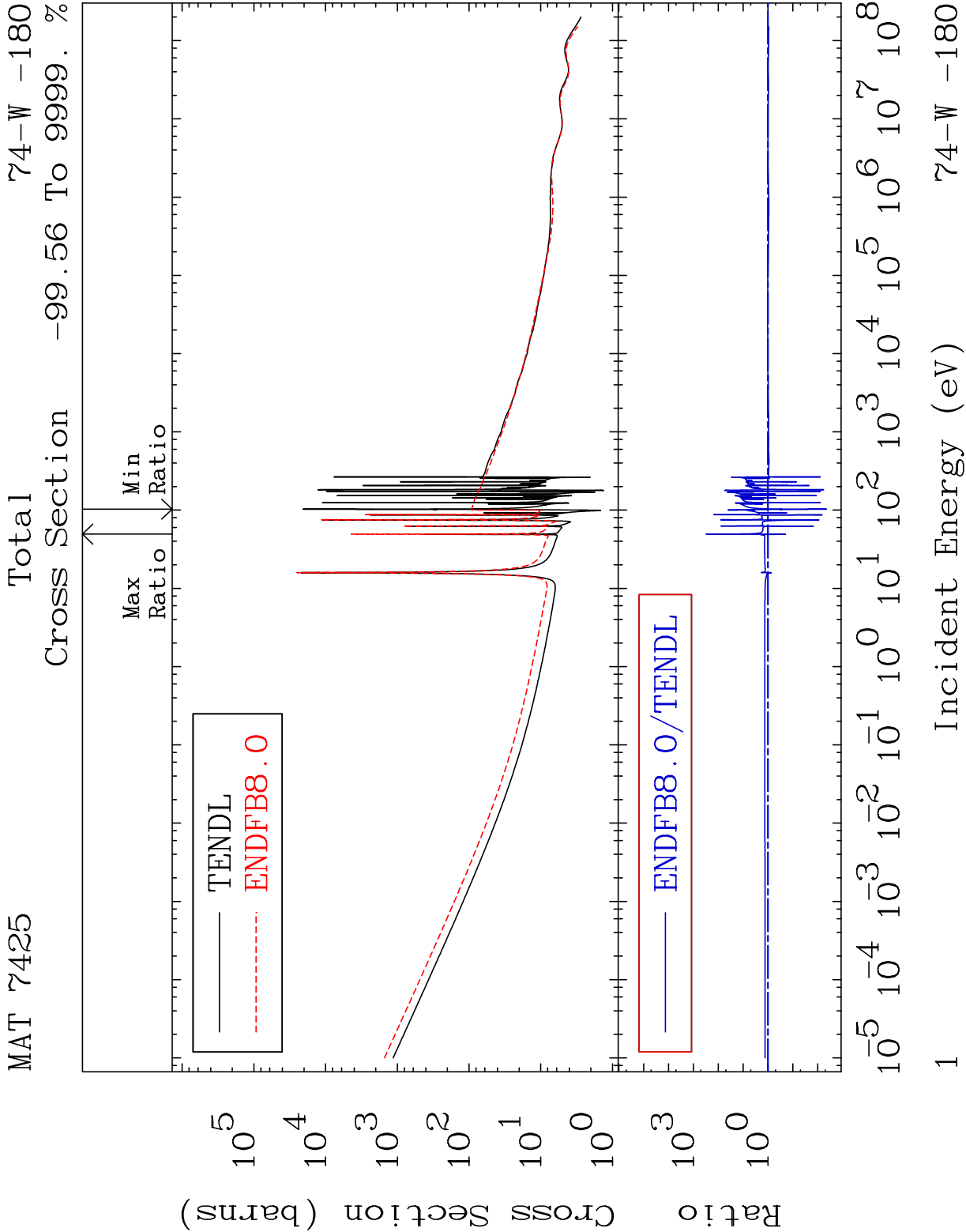
Dermott E. Cullen
(Present Contact Information)

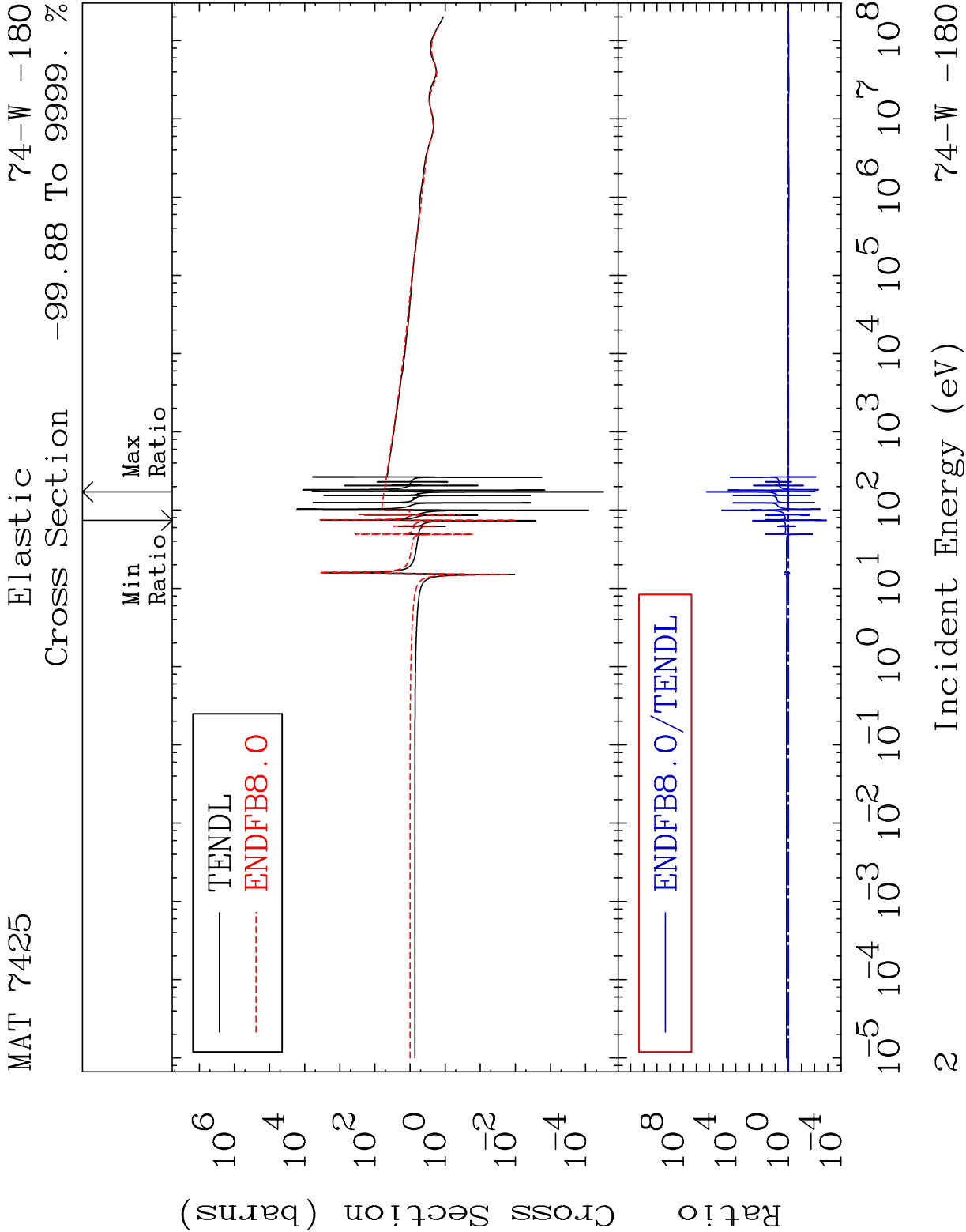
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1466 Hudson Way
Livermore, CA 94550
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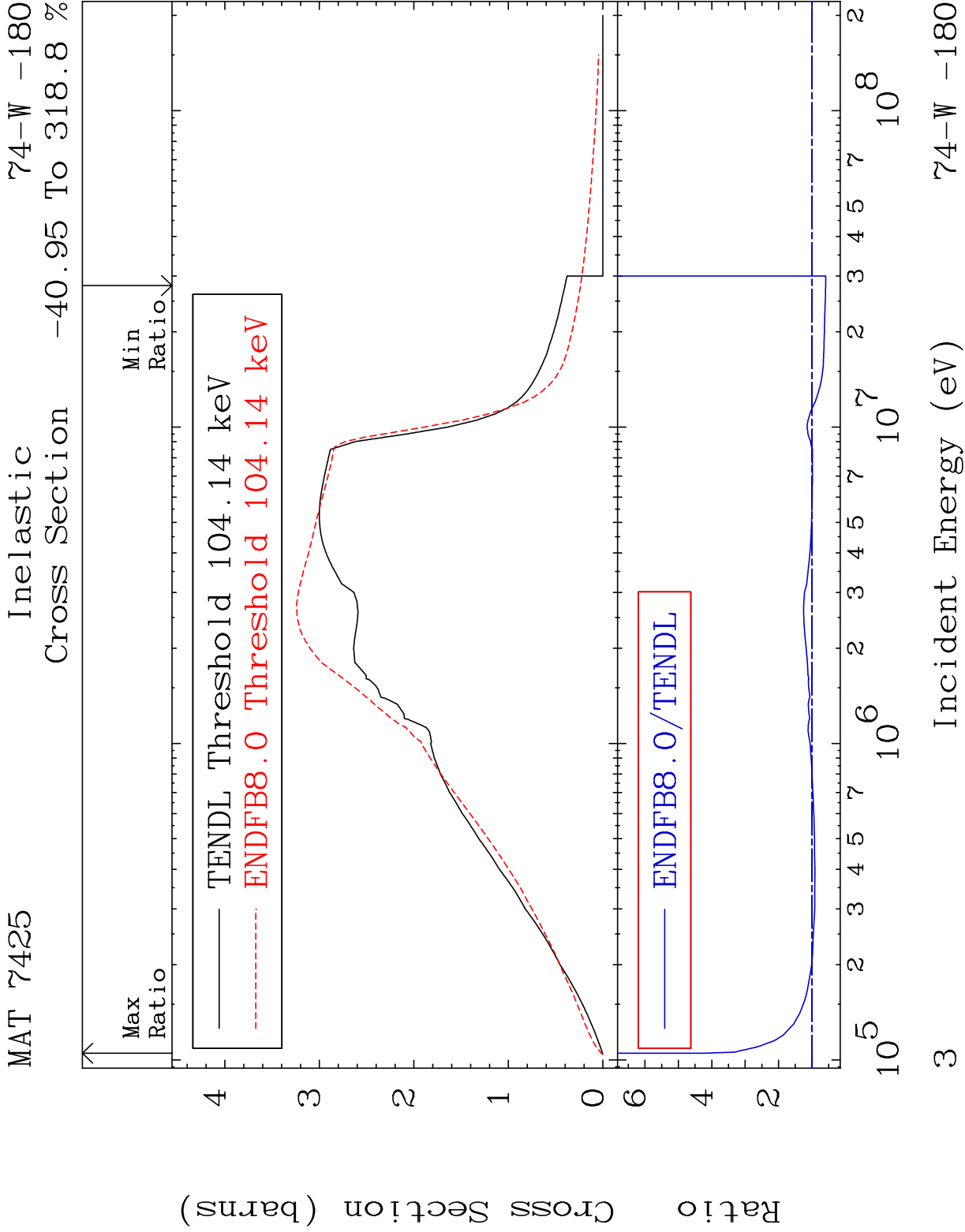
Tele: 925-443-1911

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Press Mouse Button to Start





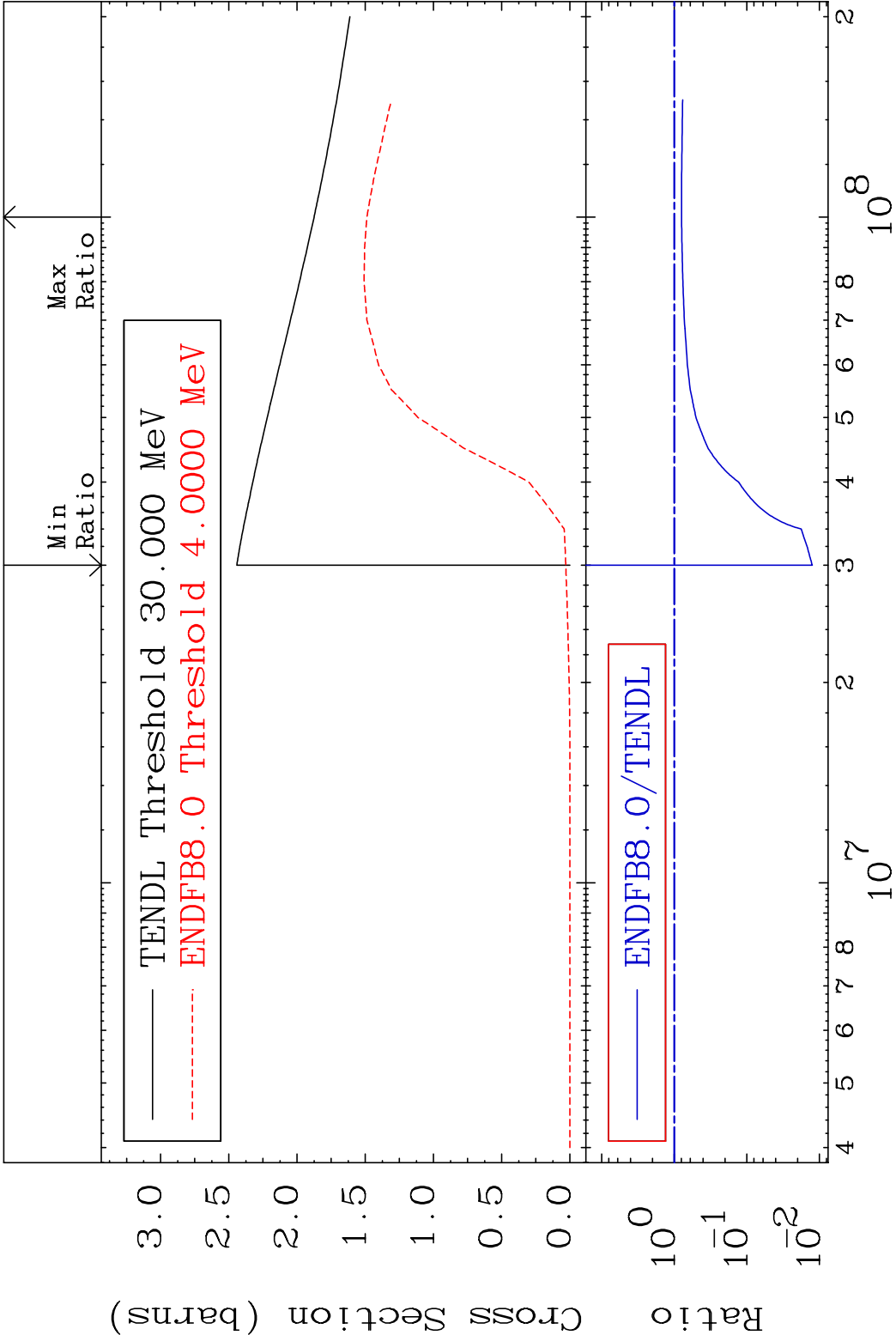


MAT 7425

(n, remainder)

74-W -180

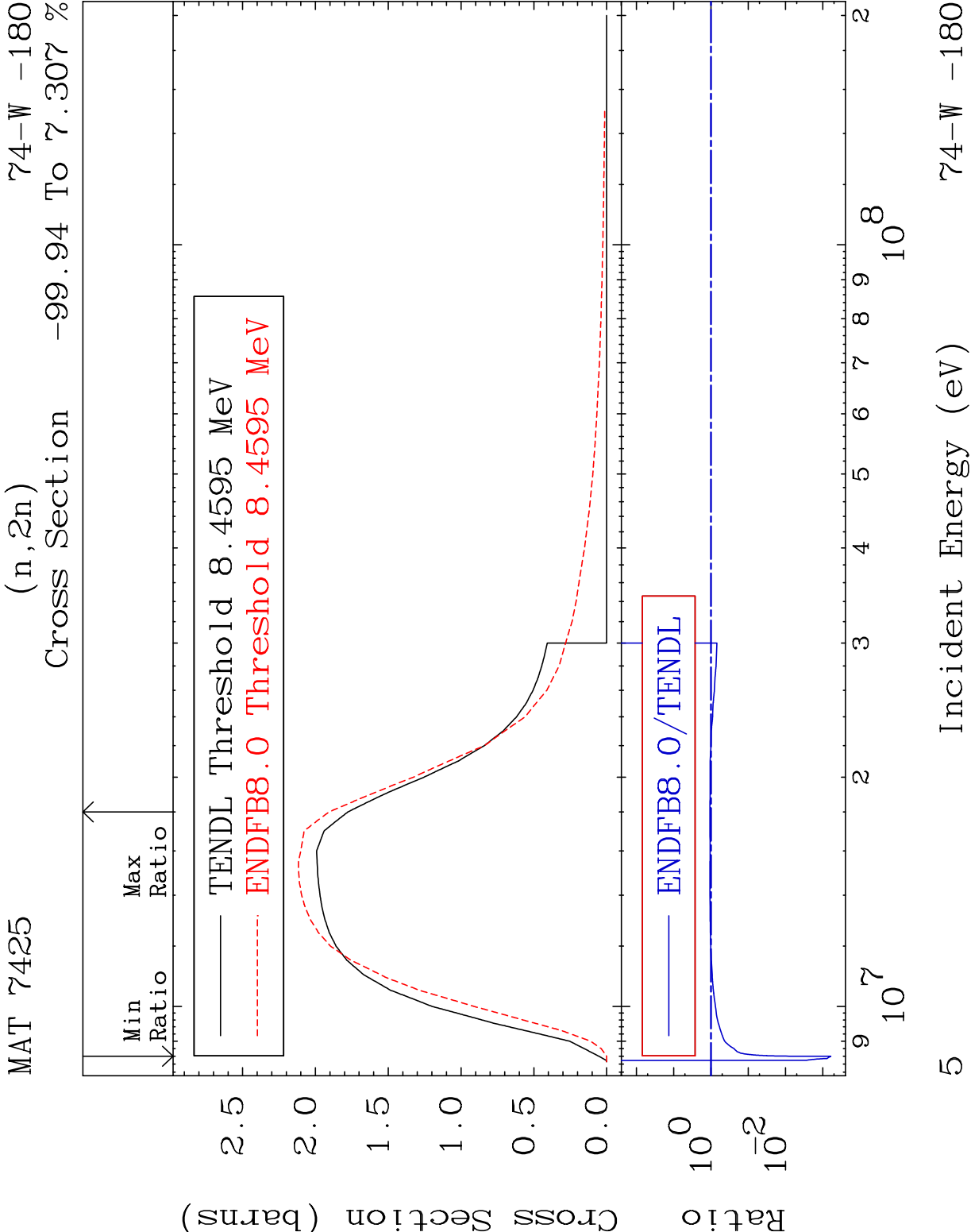
Cross Section -98.74 To -20.63%

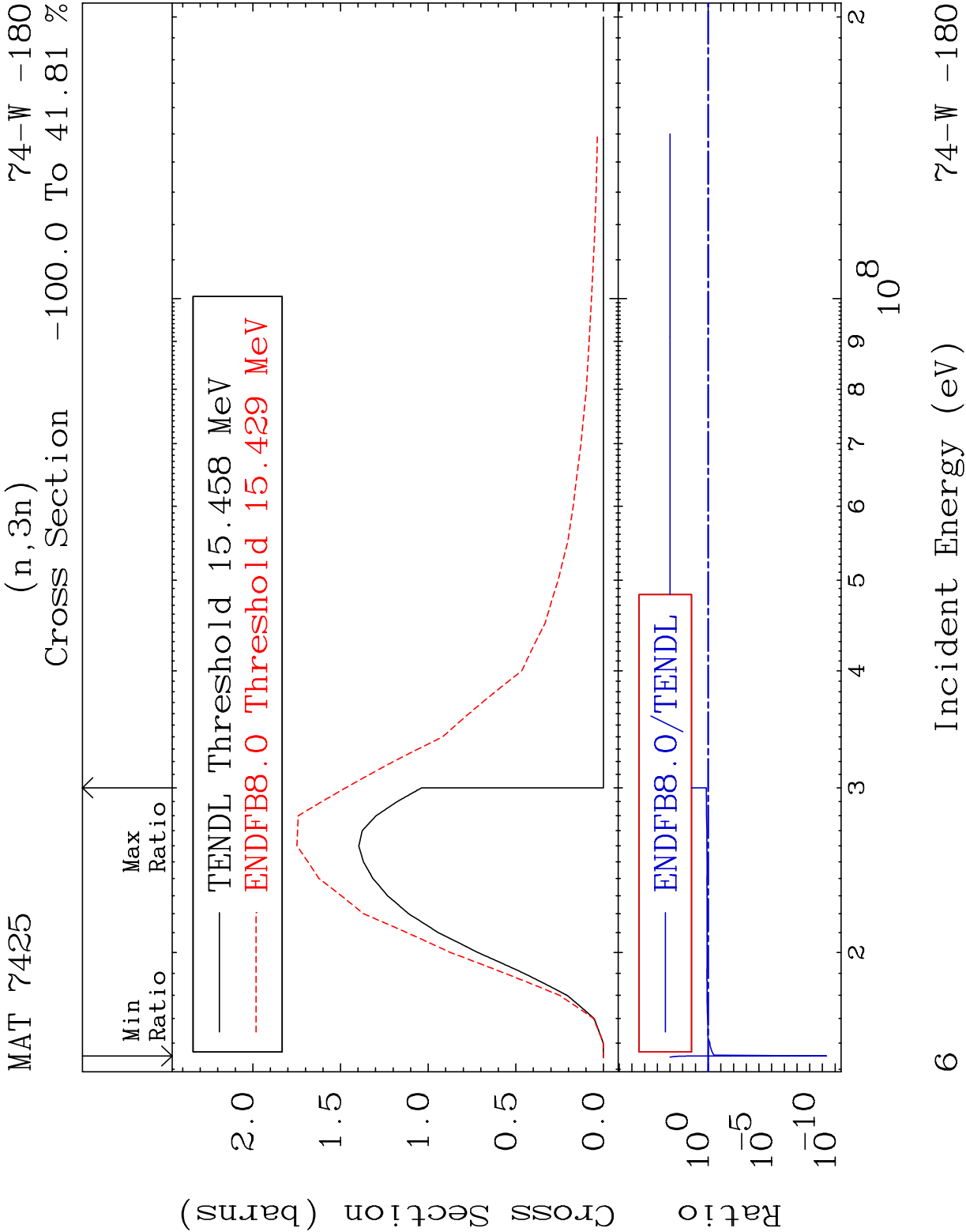


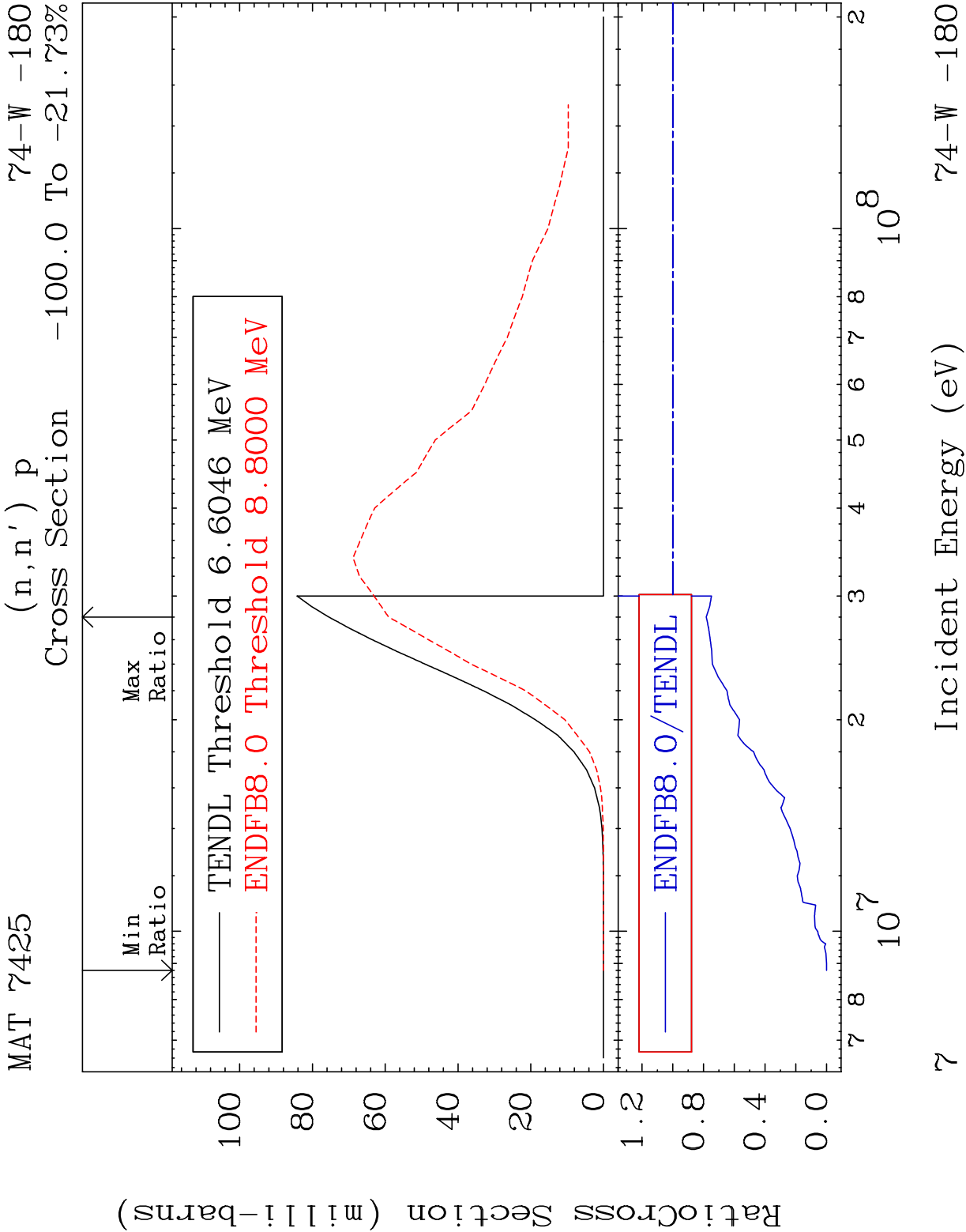
4

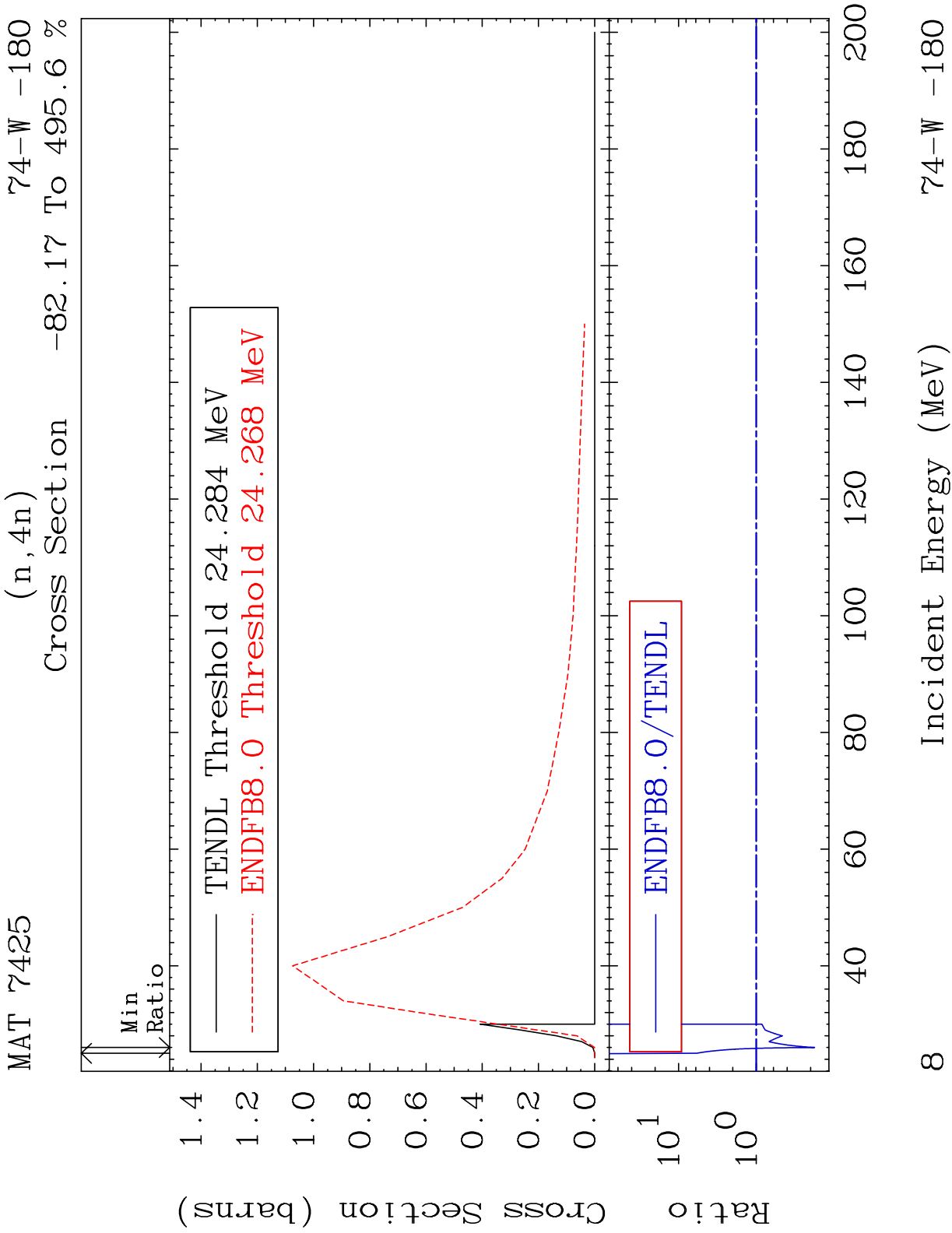
Incident Energy (eV)

74-W -180

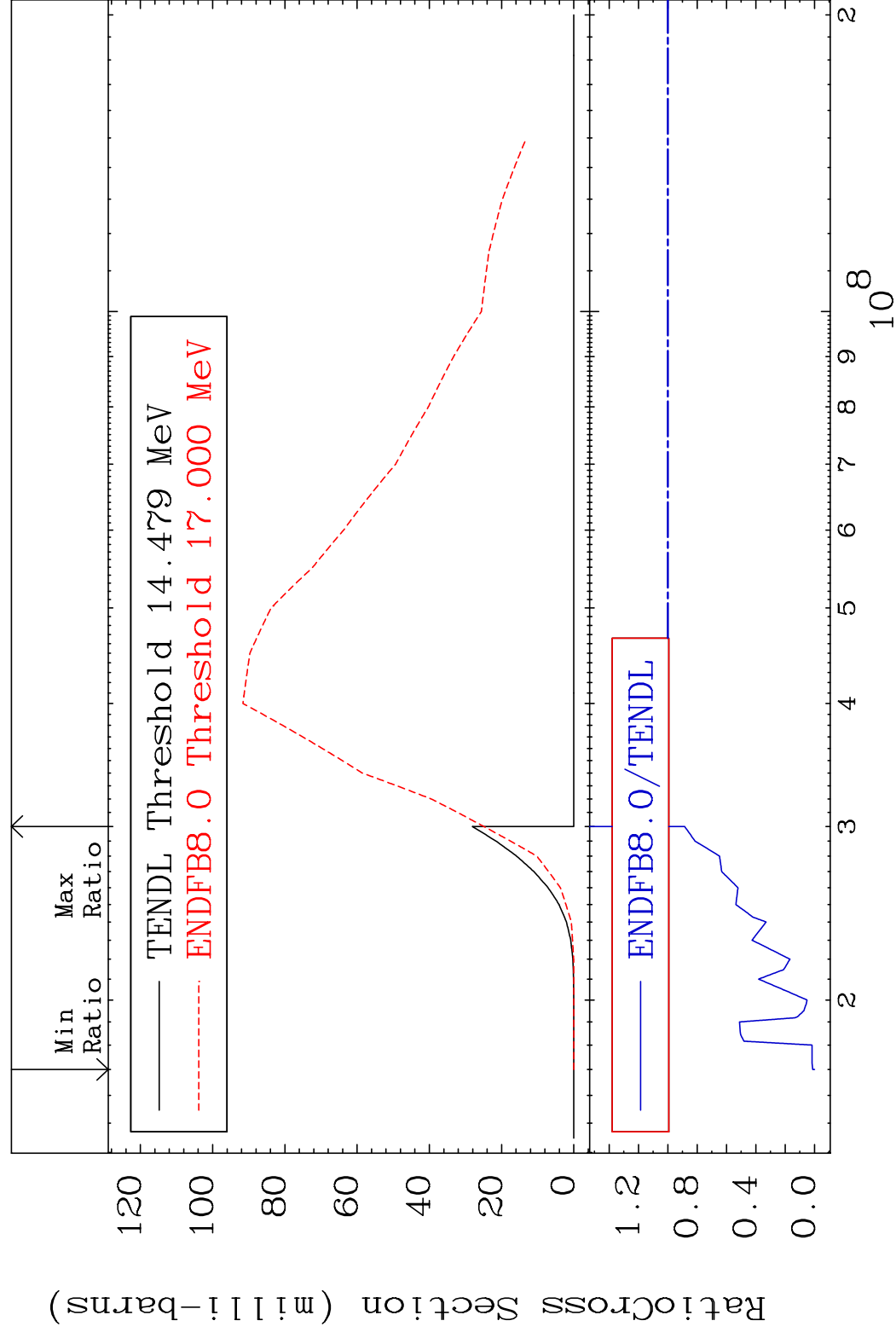




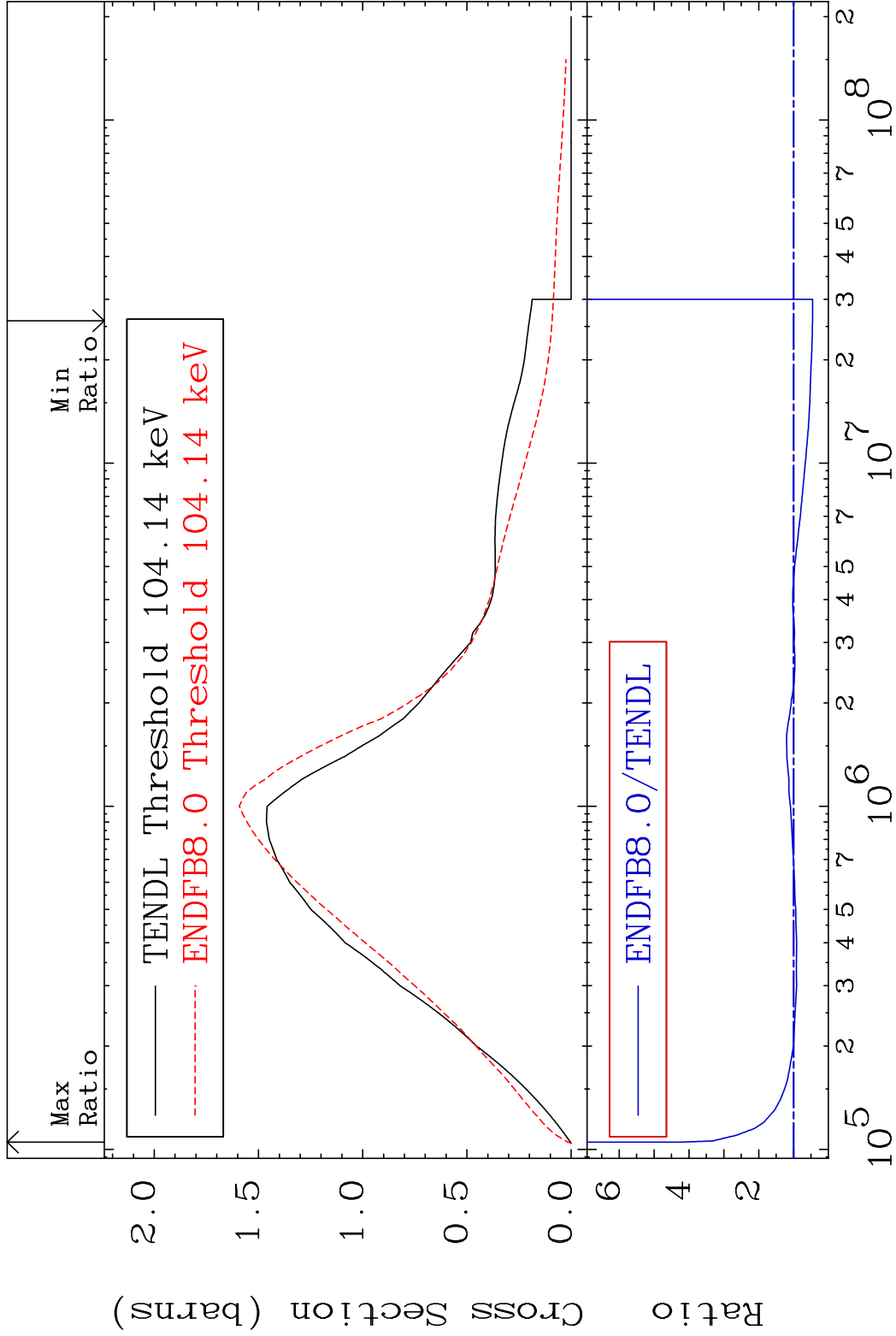




Cross Section -100.0 To -11.49%

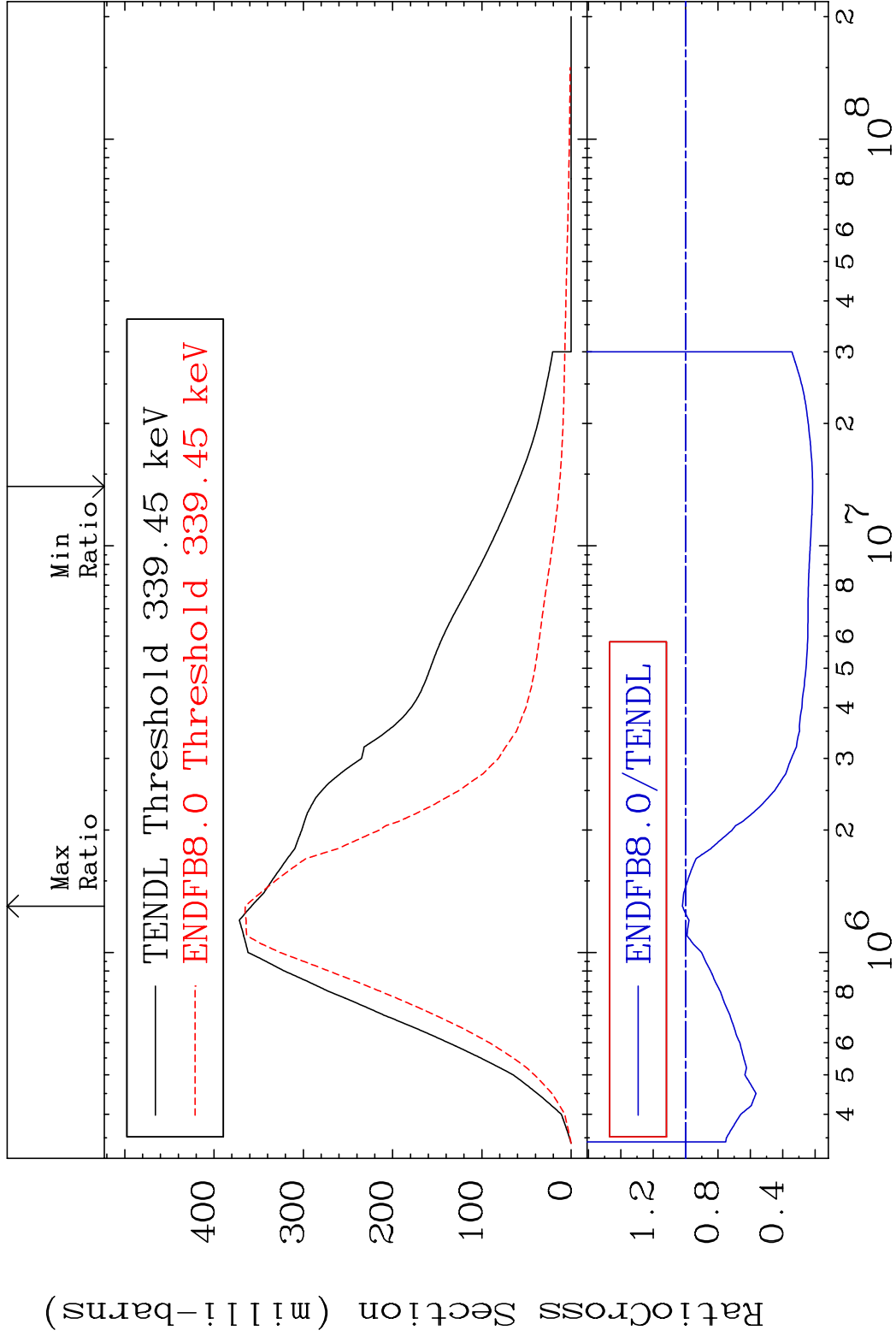


MAT 7425 MT= 51 (n,n') Level 74-W -180
Cross Section -54.36 To 318.8 %

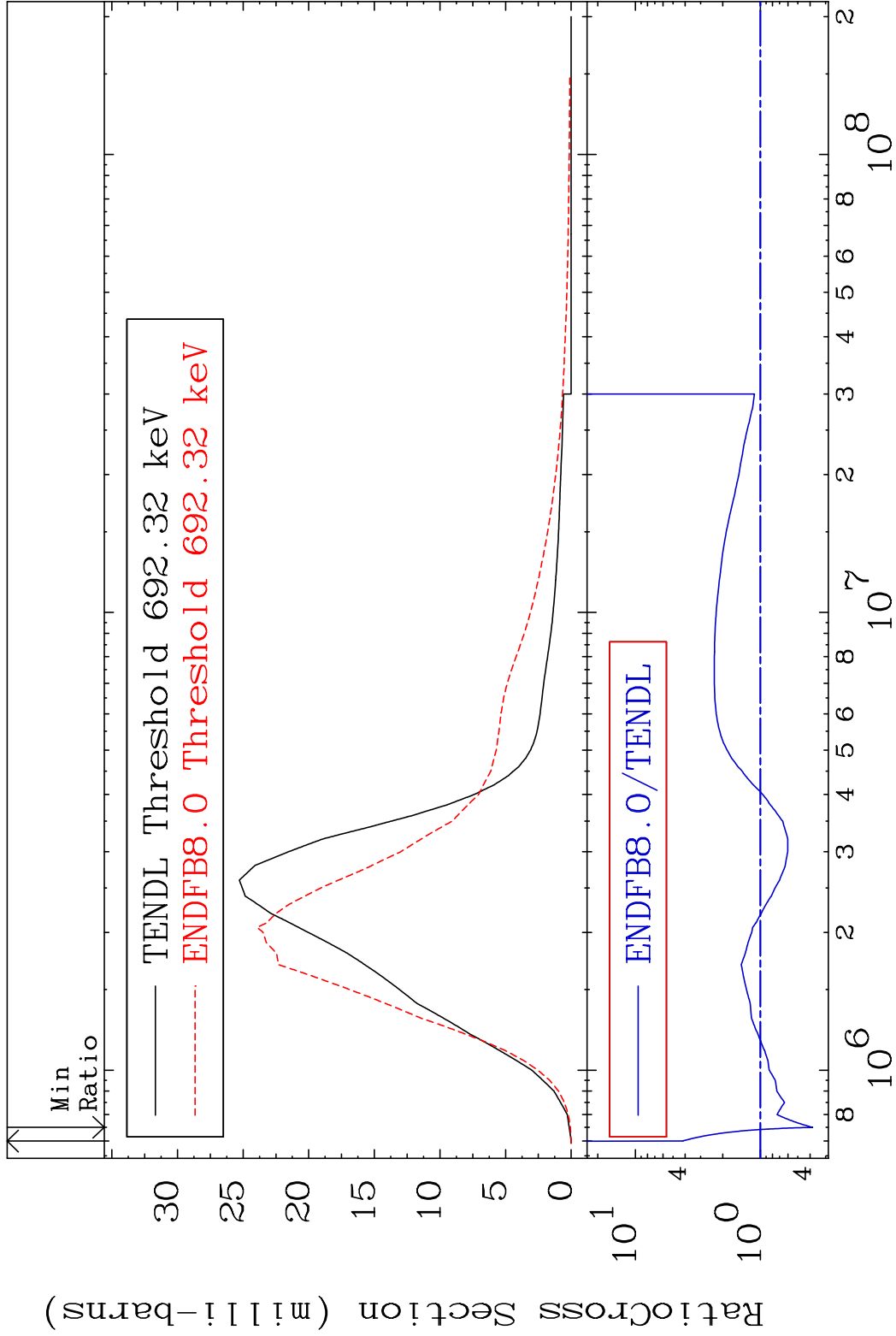


10 Incident Energy (eV) 74-W -180

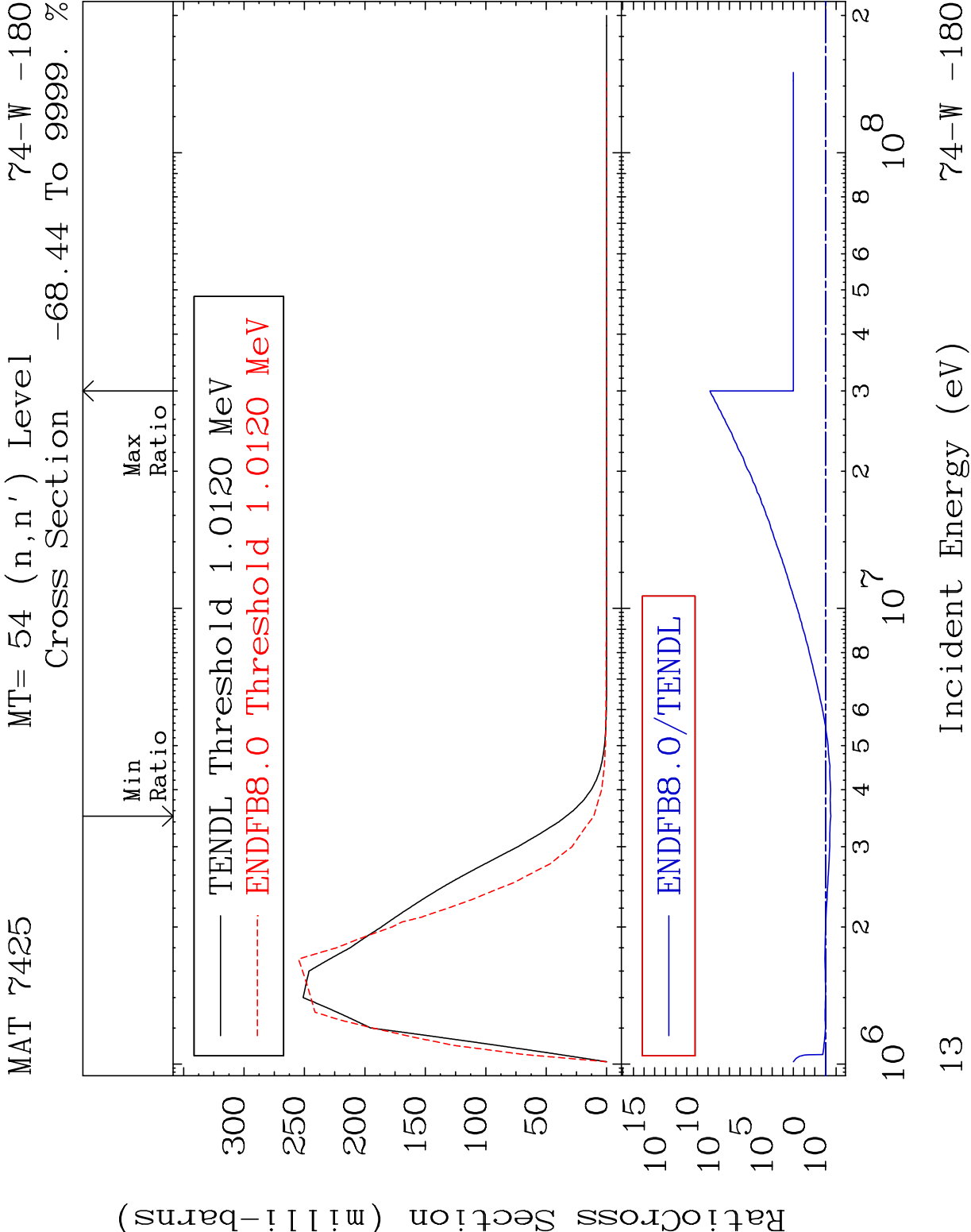
MAT 7425 MT= 52 (n,n') Level 74-W -180
Cross Section -78.38 To 1.971 %



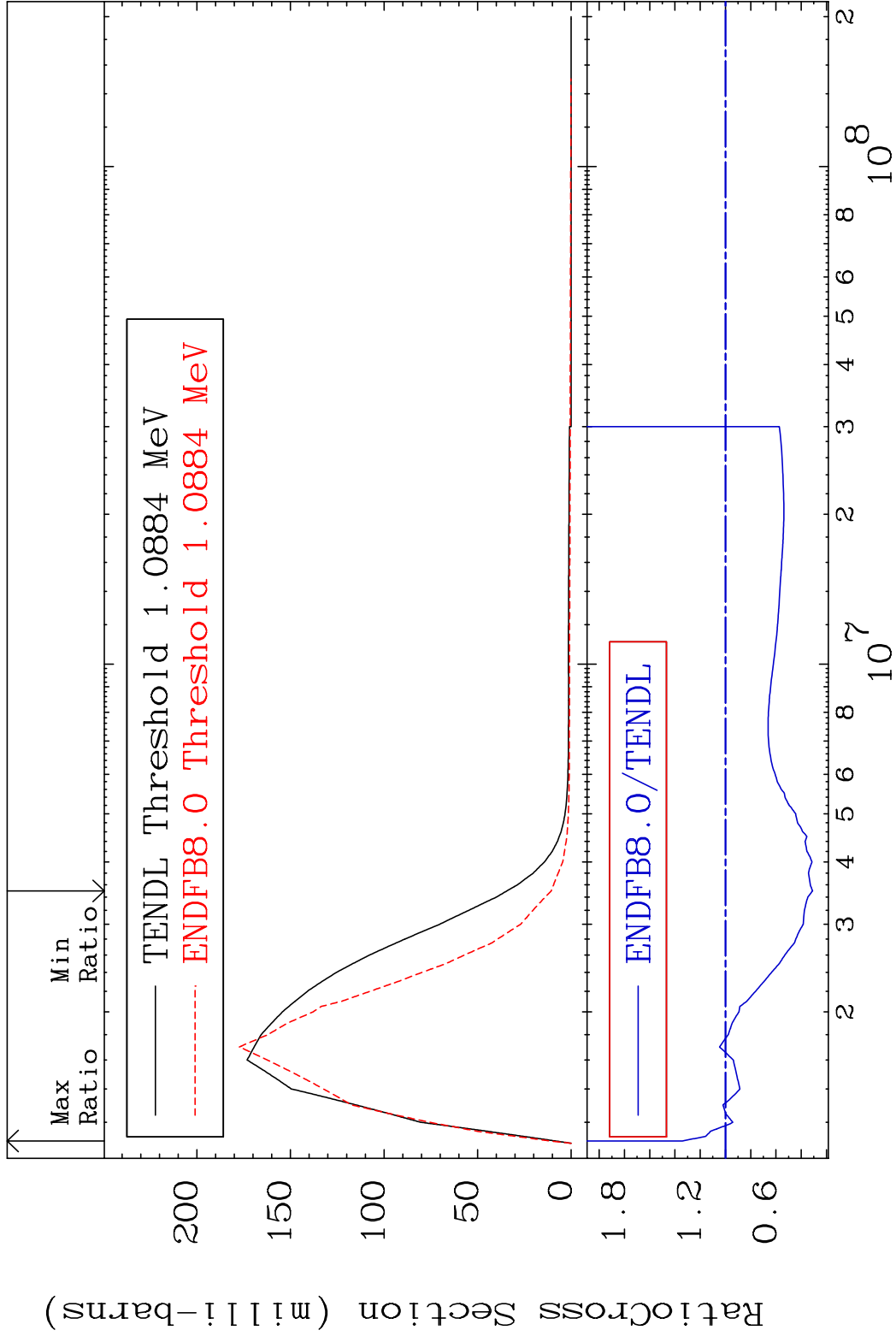
MAT 7425 MT= 53 (n,n') Level 74-W -180
Cross Section -61.84 To 320.5 %



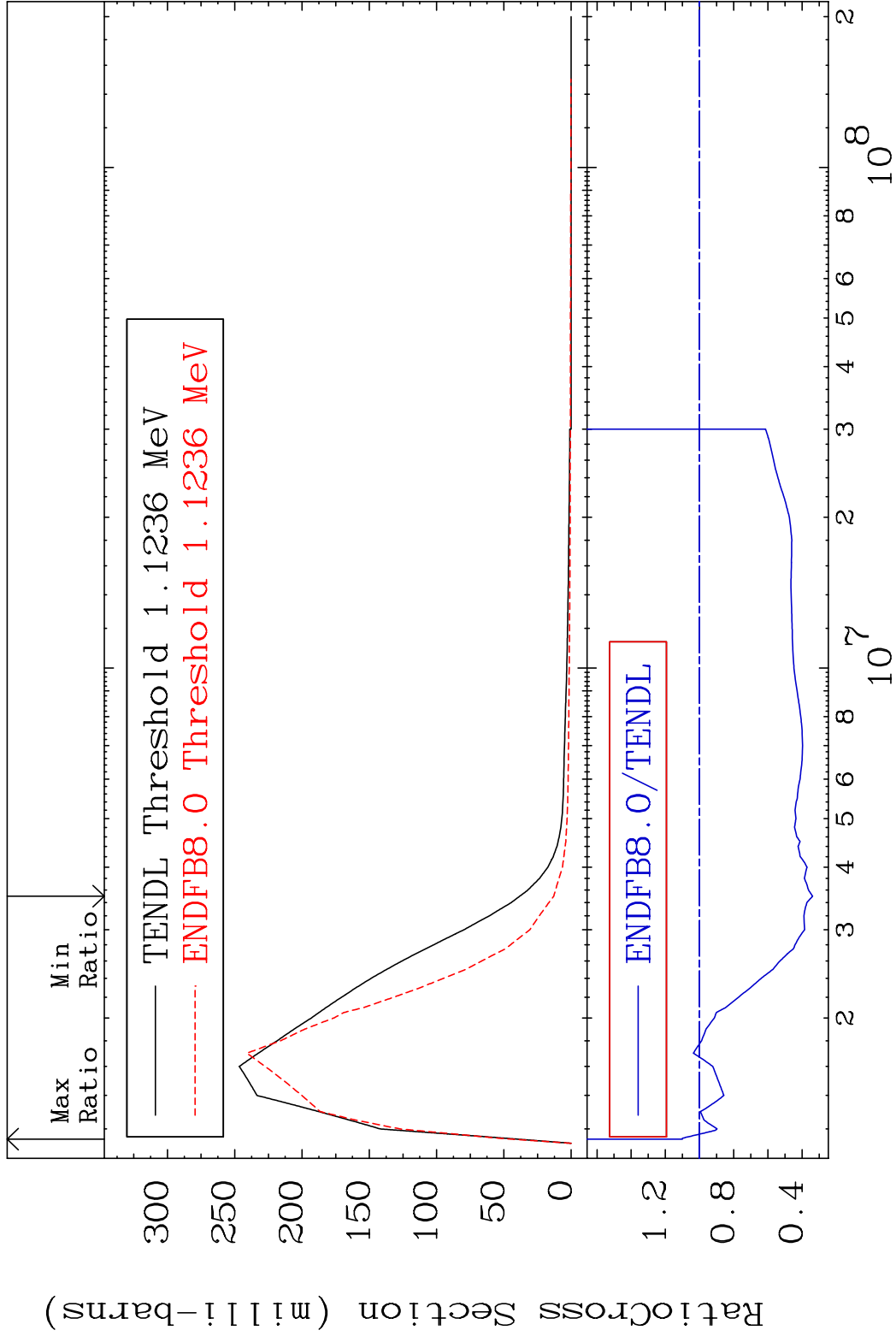
12 Incident Energy (eV) 74-W -180



MAT 7425 MT= 55 (n,n') Level 74-W -180
Cross Section -69.00 To 34.14 %



MAT 7425 MT= 56 (n,n') Level 74-W -180
Cross Section -66.14 To 10.05 %

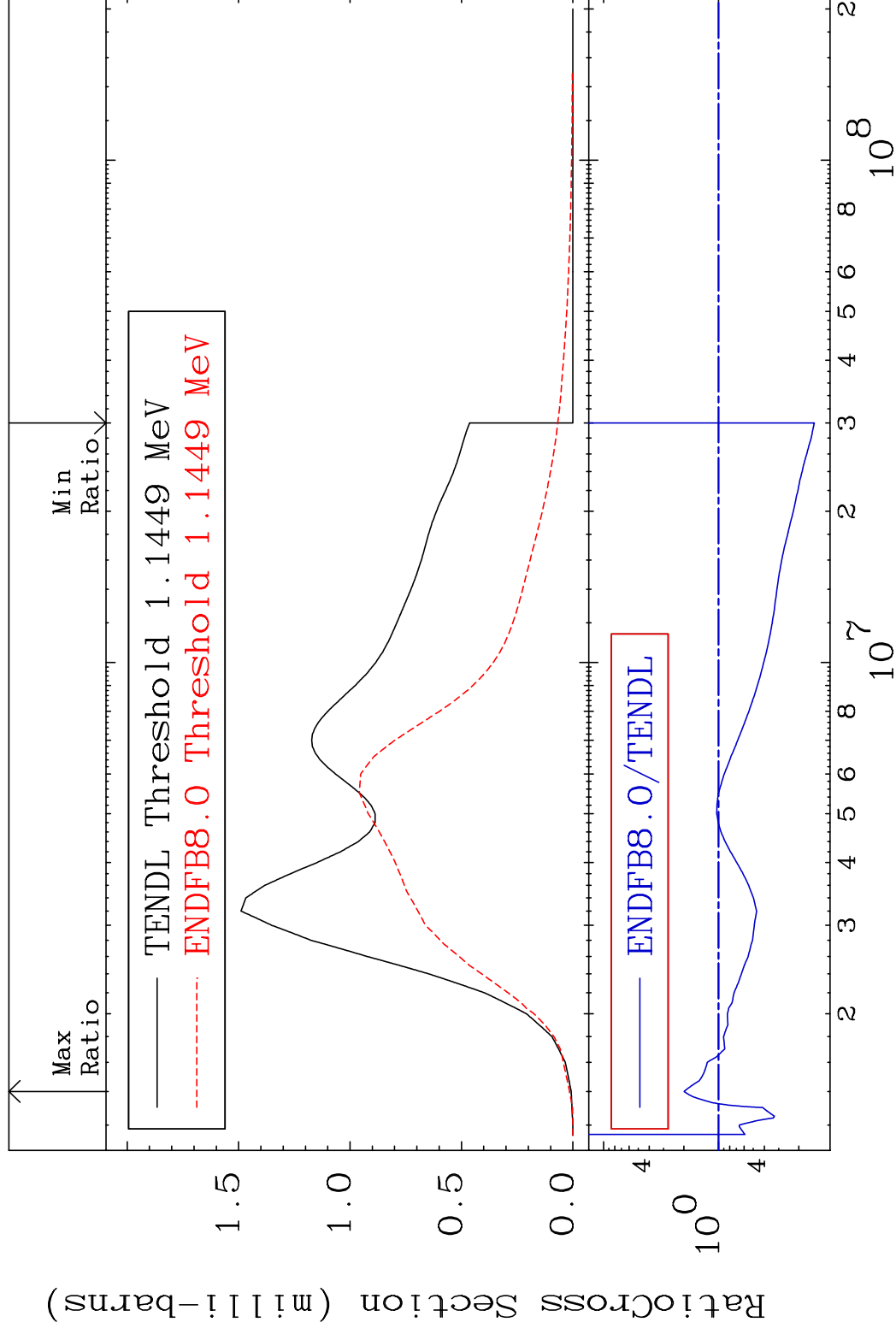


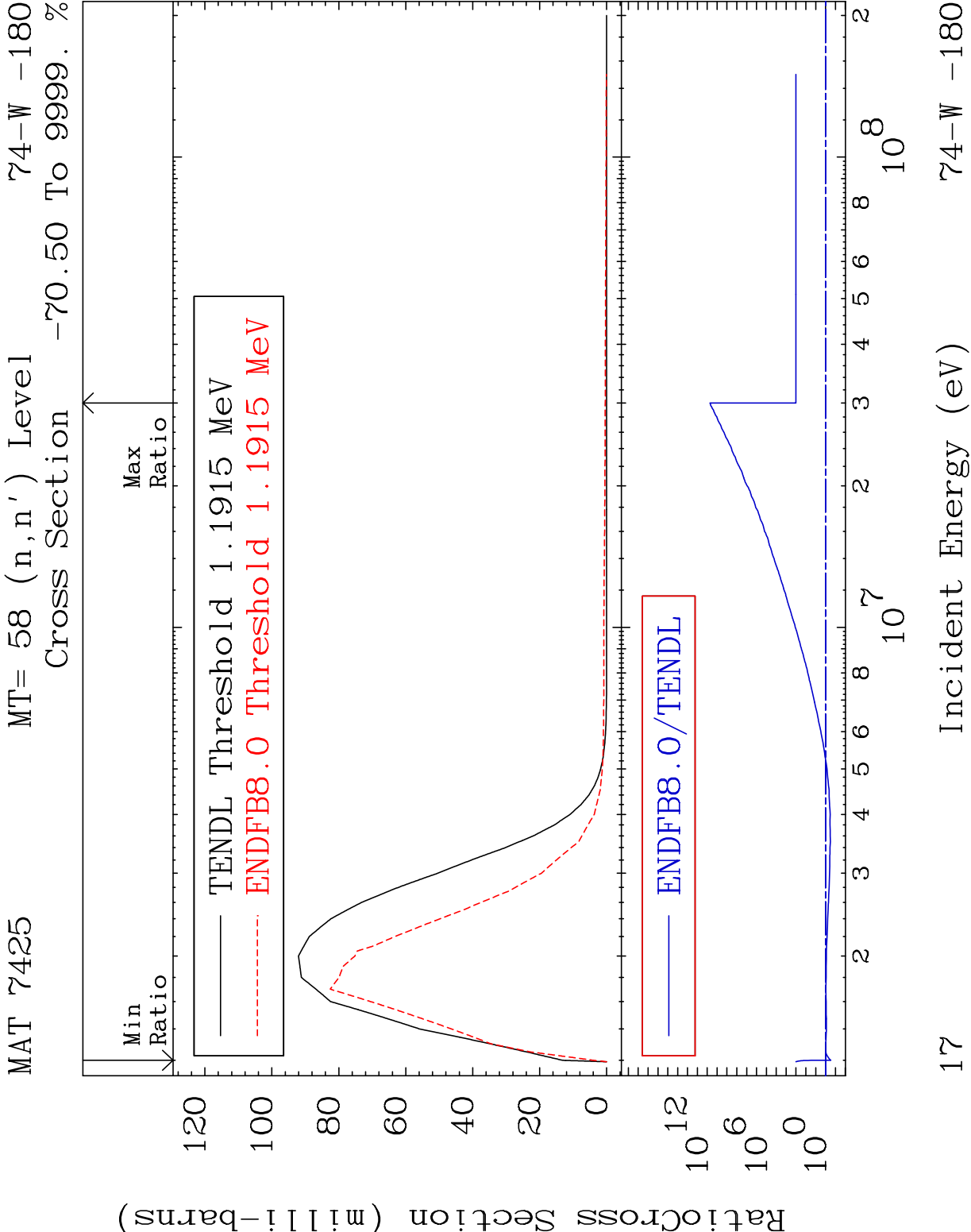
MAT 7425

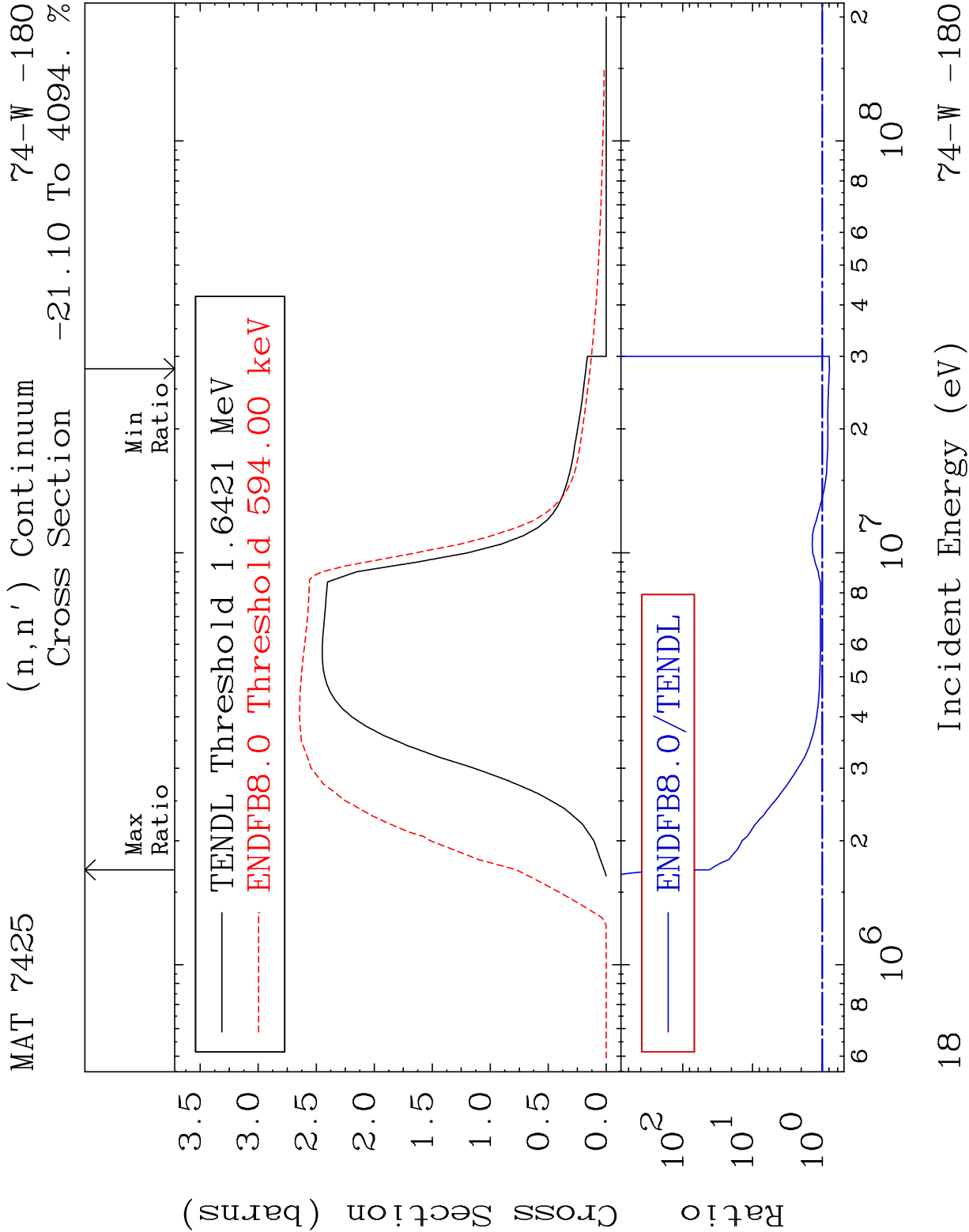
MT= 57 (n, n') Level

24-W -180

Cross Section -85.30 To 99.43 %





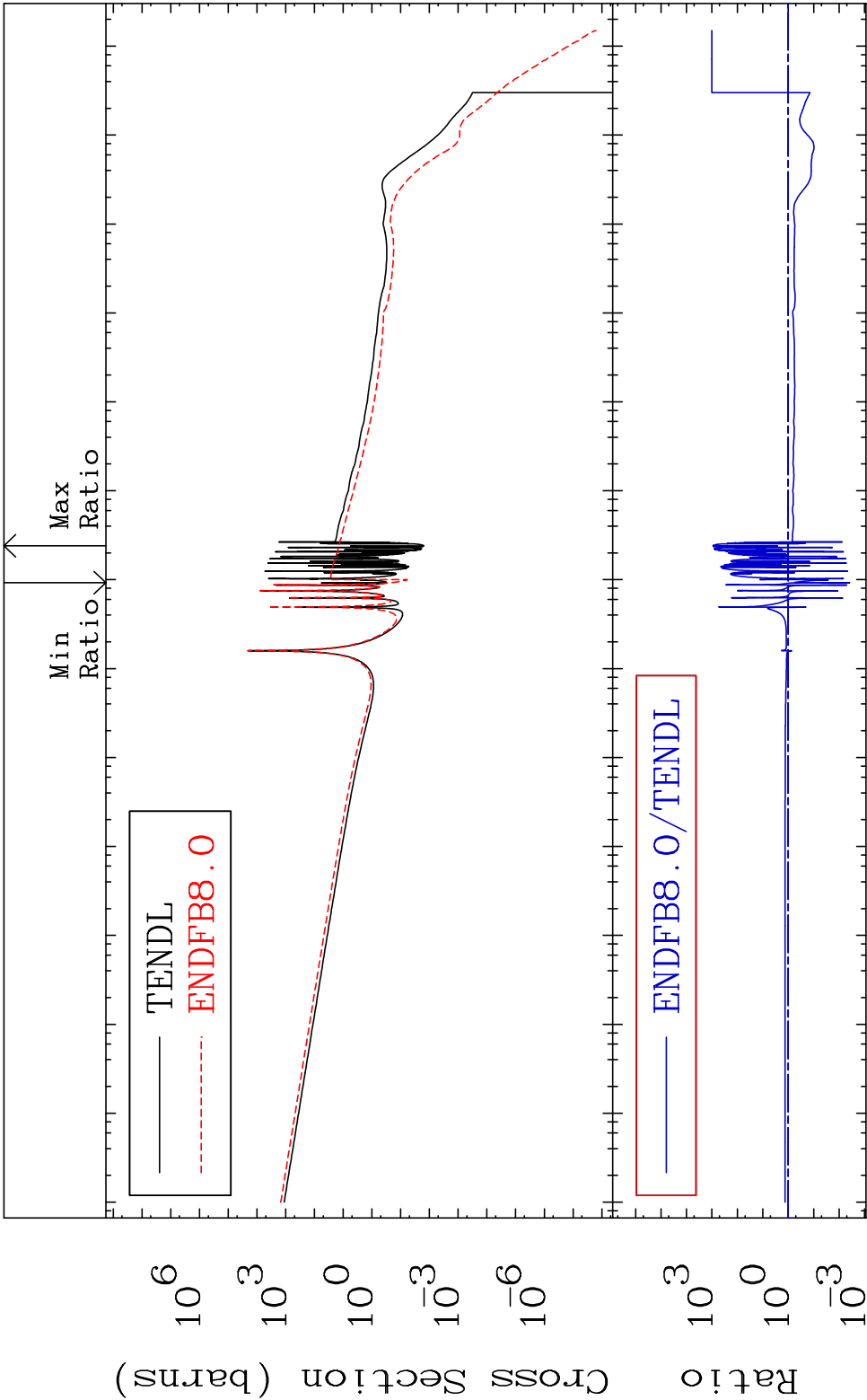


MAT 7425

(n, γ)

74-W -180

Cross Section -99.61 To 9999. %

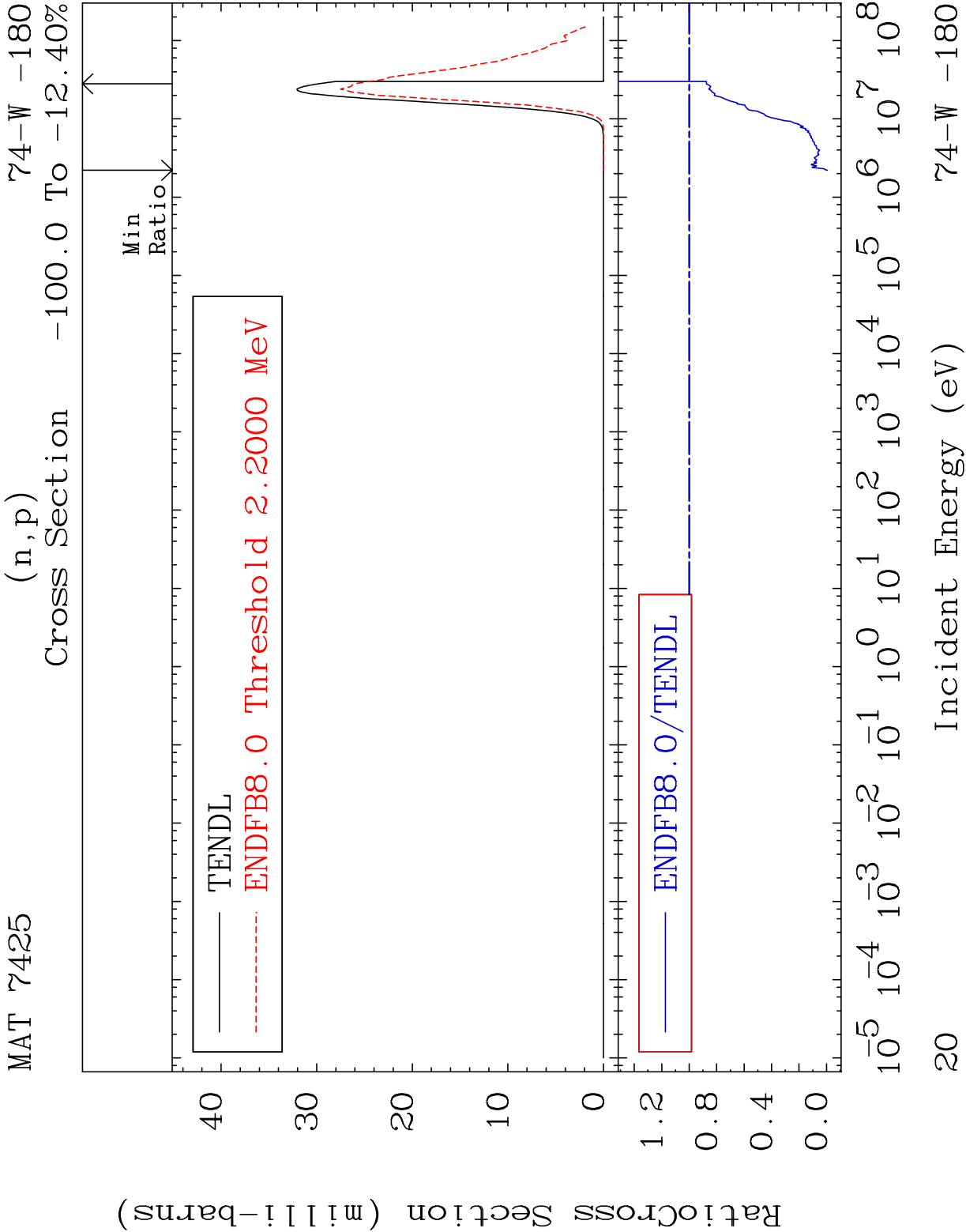


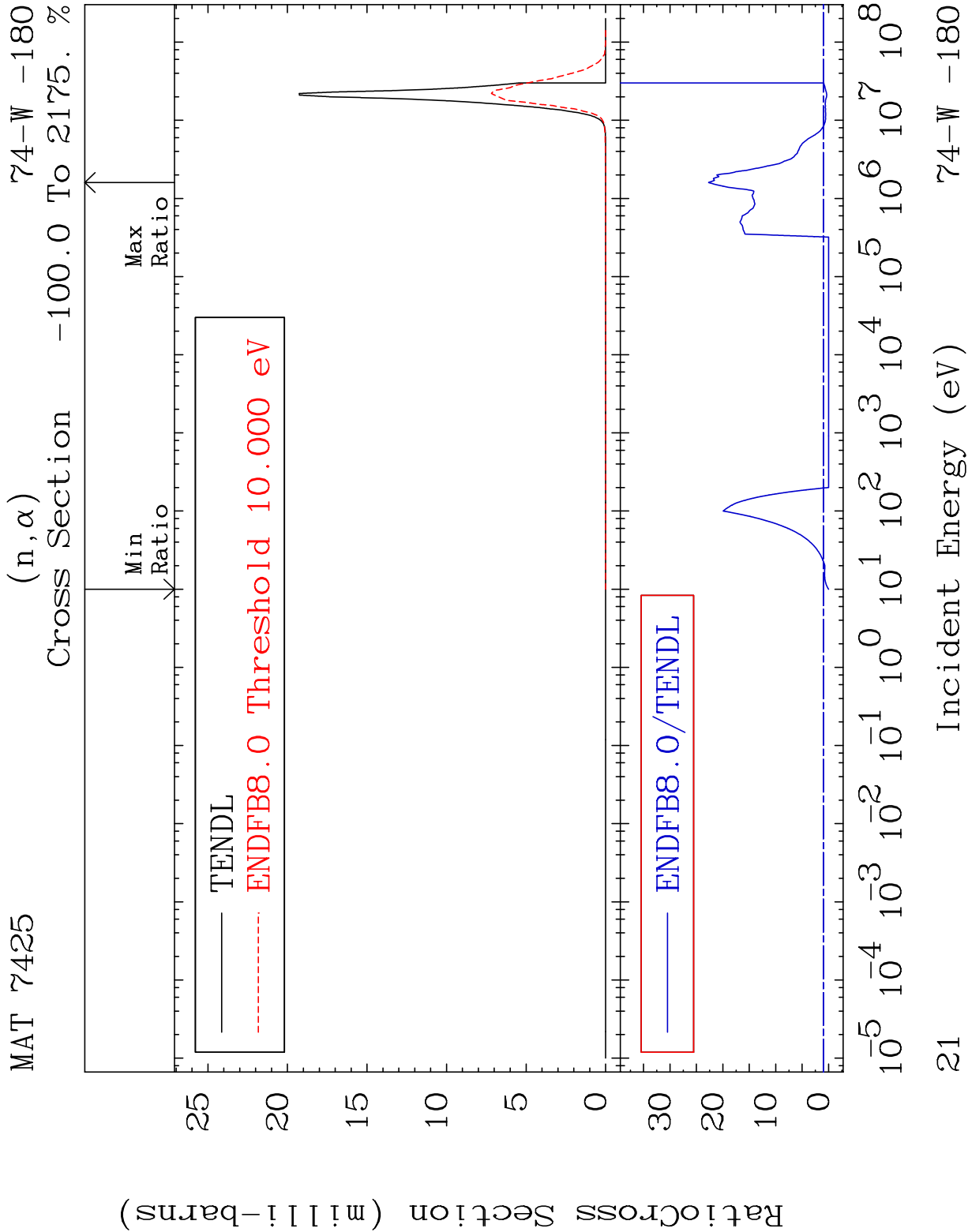
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

19

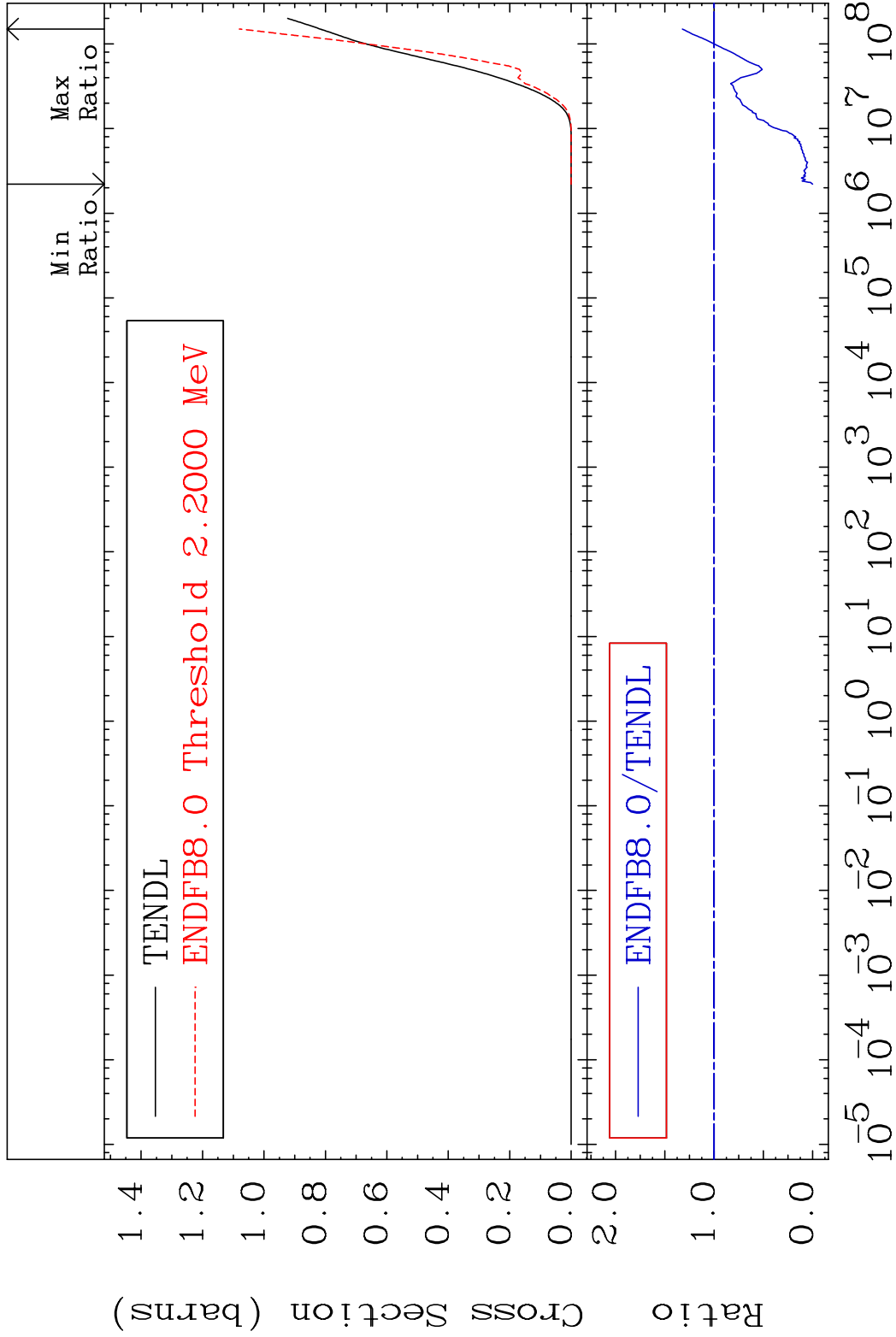
Incident Energy (eV)

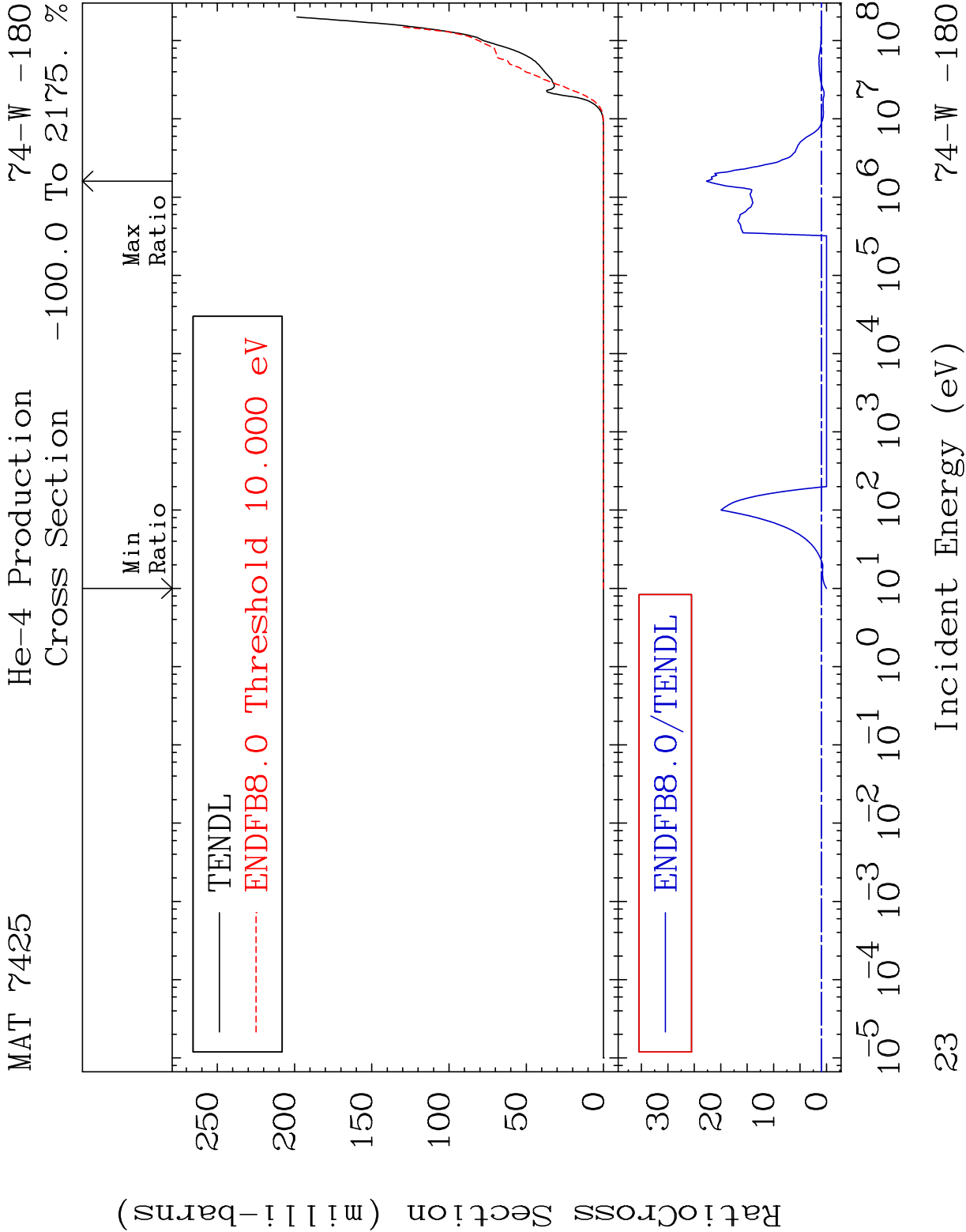
74-W -180



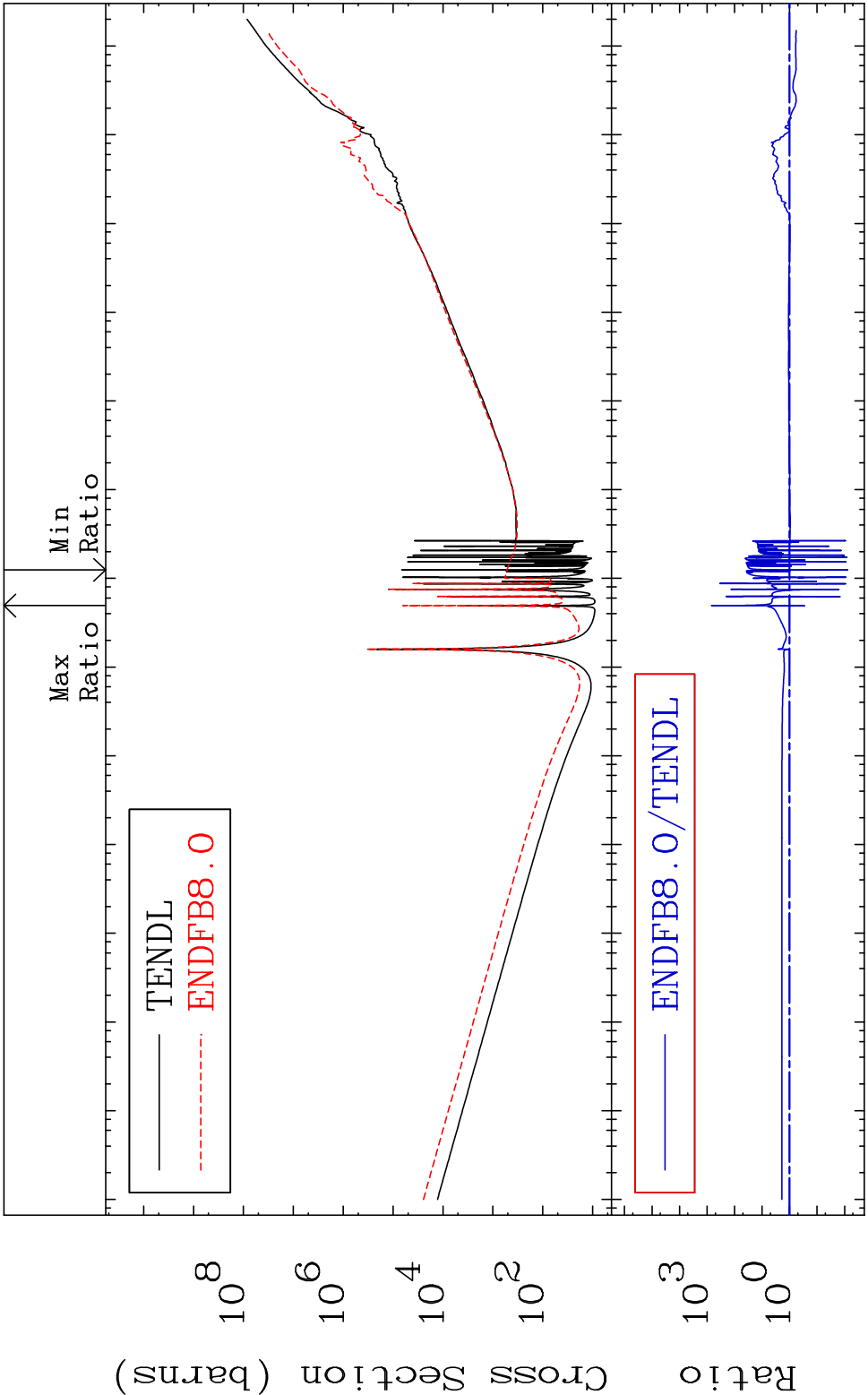


MAT 7425 Hydrogen Production 74-W -180
 Cross Section -100.0 To 32.18 %

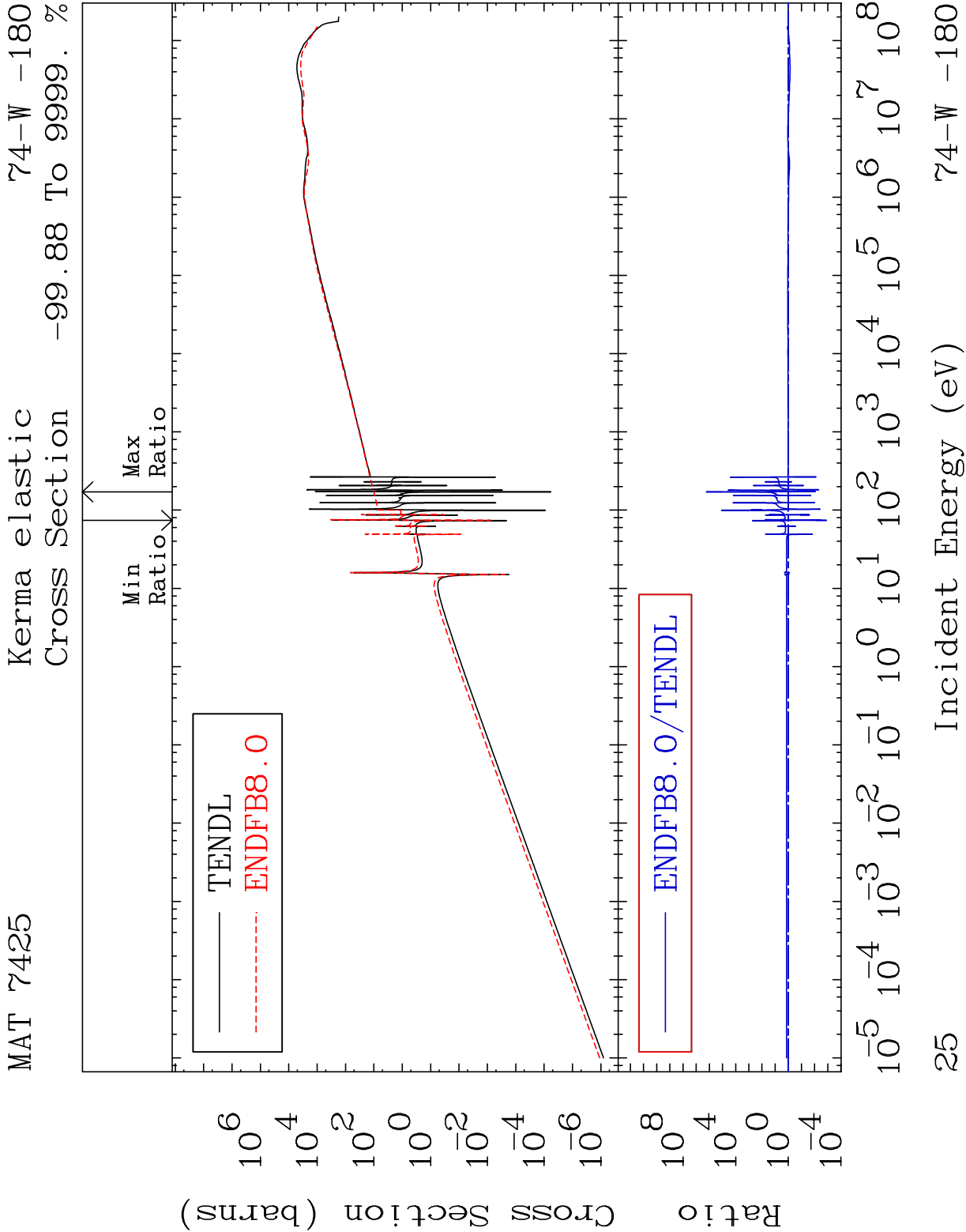




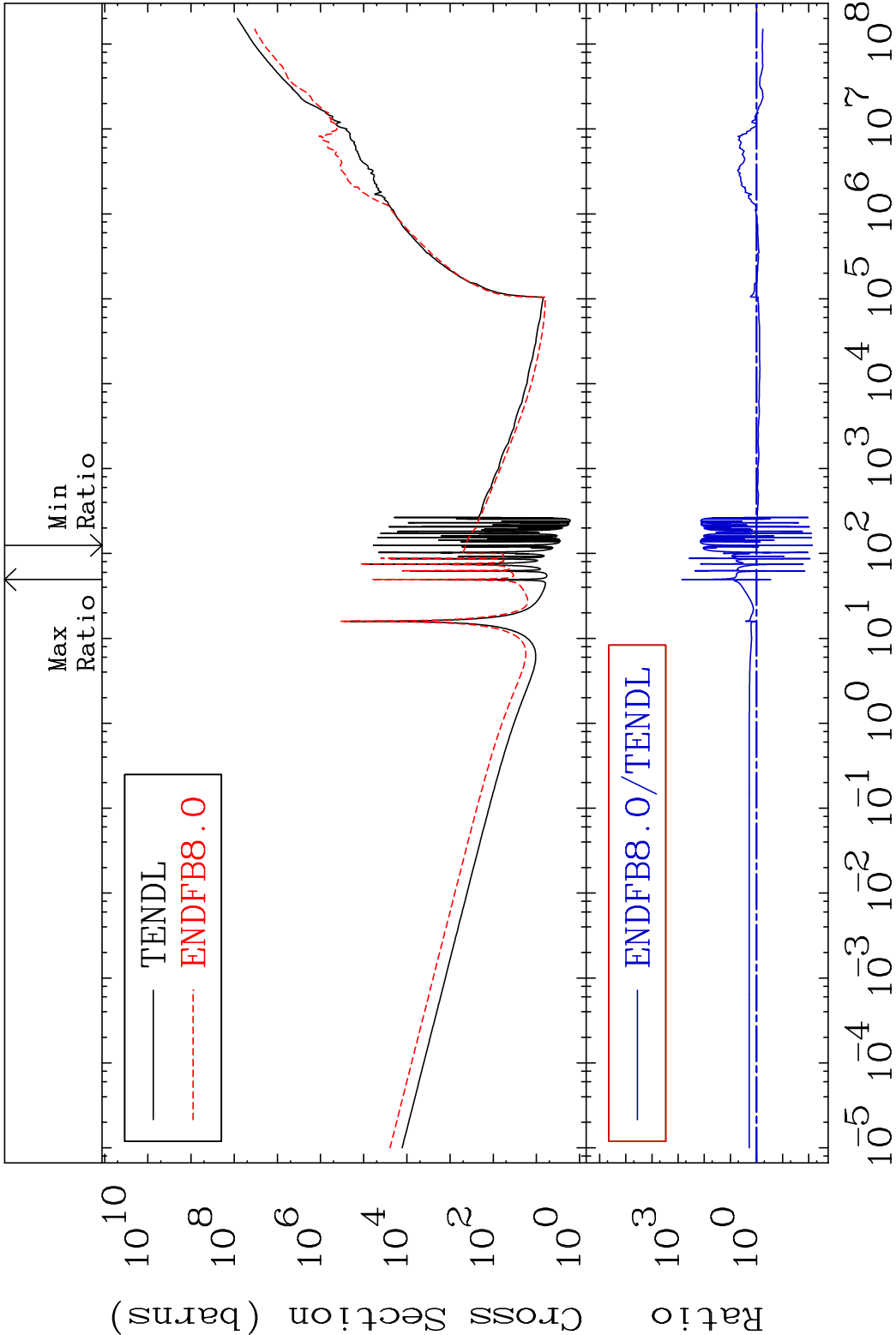
MAT 7425 Kerma total (eV-barns) 74-W -180
Cross Section -99.23 To 9999. %



24 Incident Energy (eV) 74-W -180

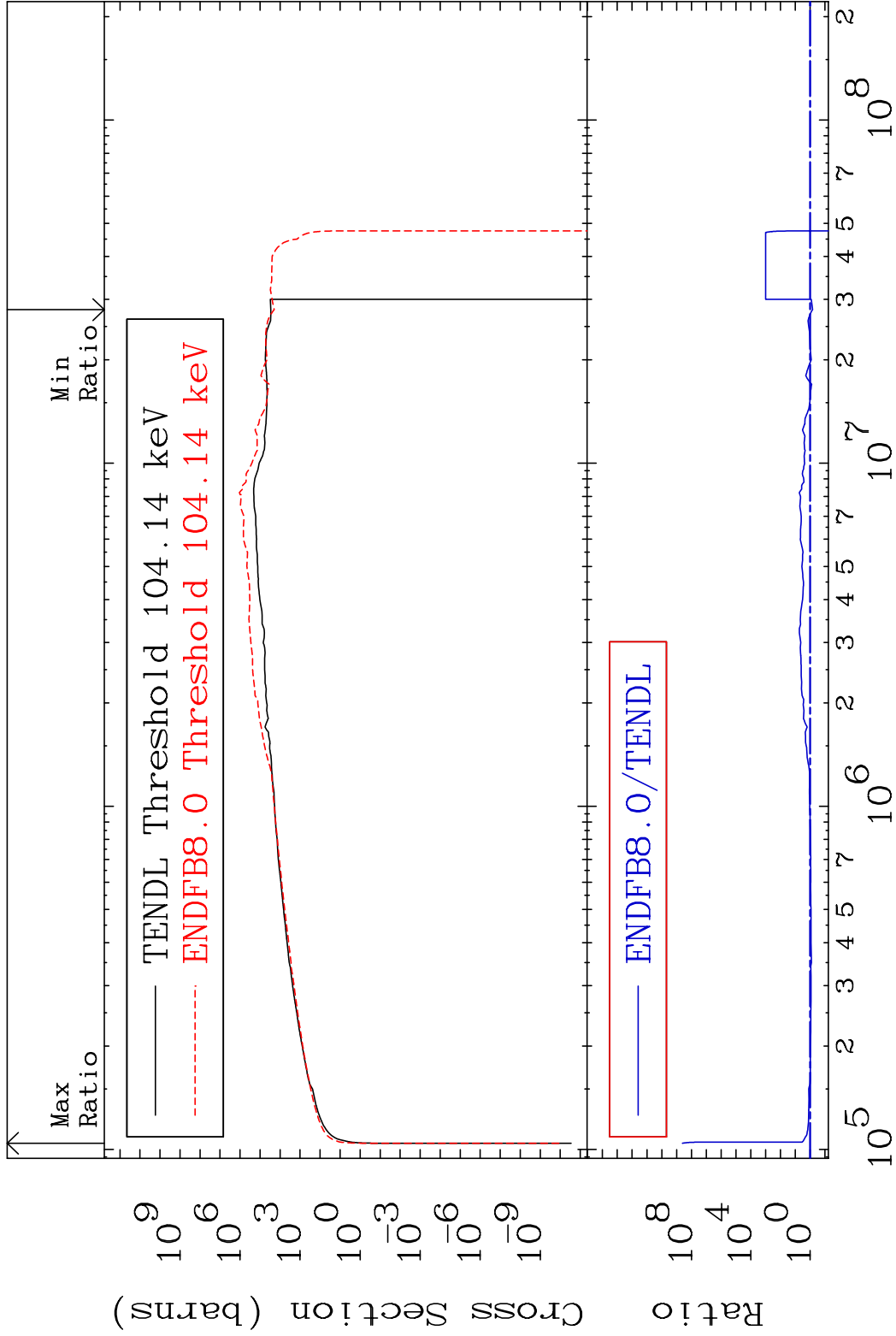


MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
Cross Section -99.26 To 9999. %



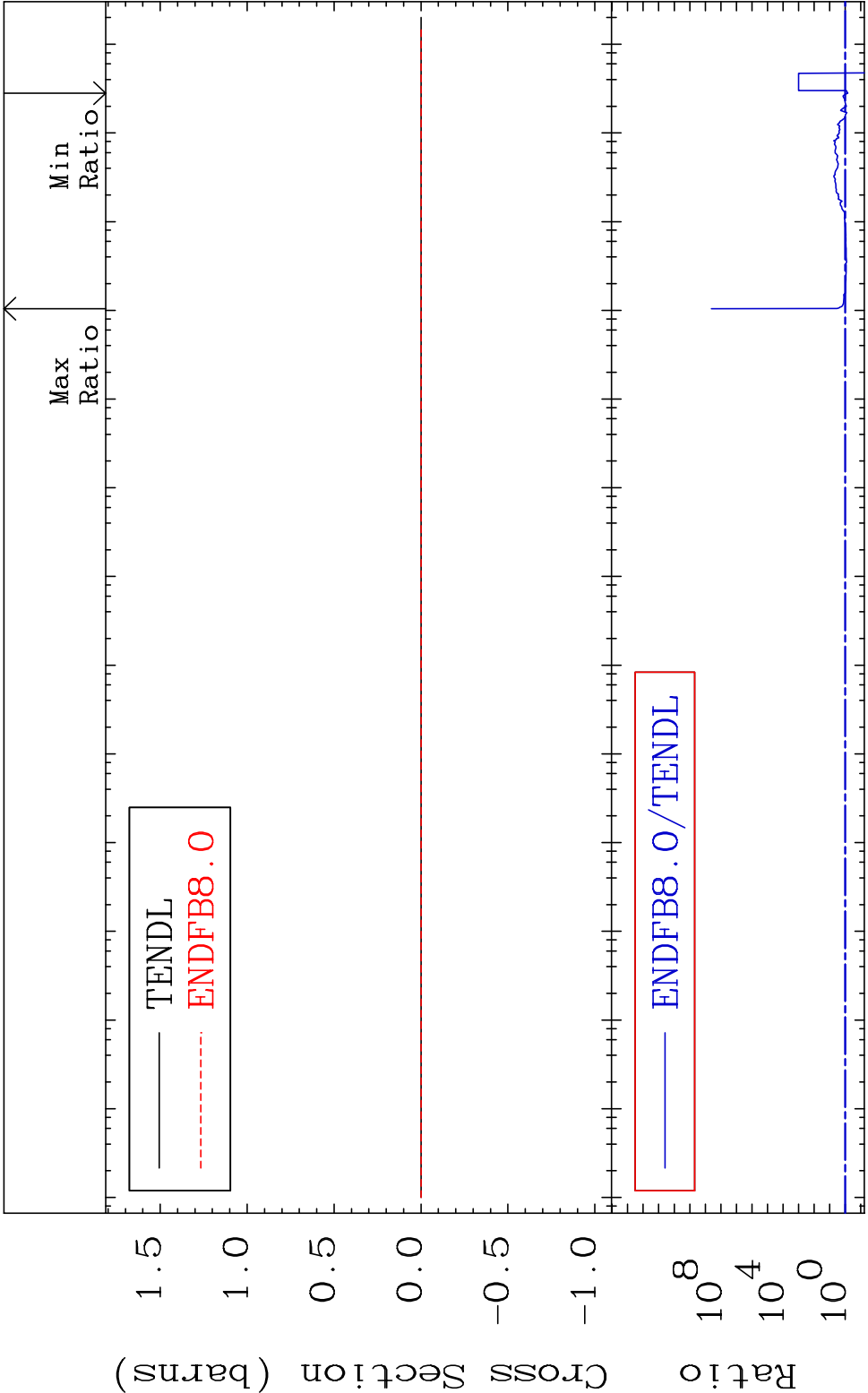
26 Incident Energy (eV) 74-W -180

MAT 7425 Kerma inelastic (mt51-91) 74-W -180
Cross Section -32.33 To 9999. %

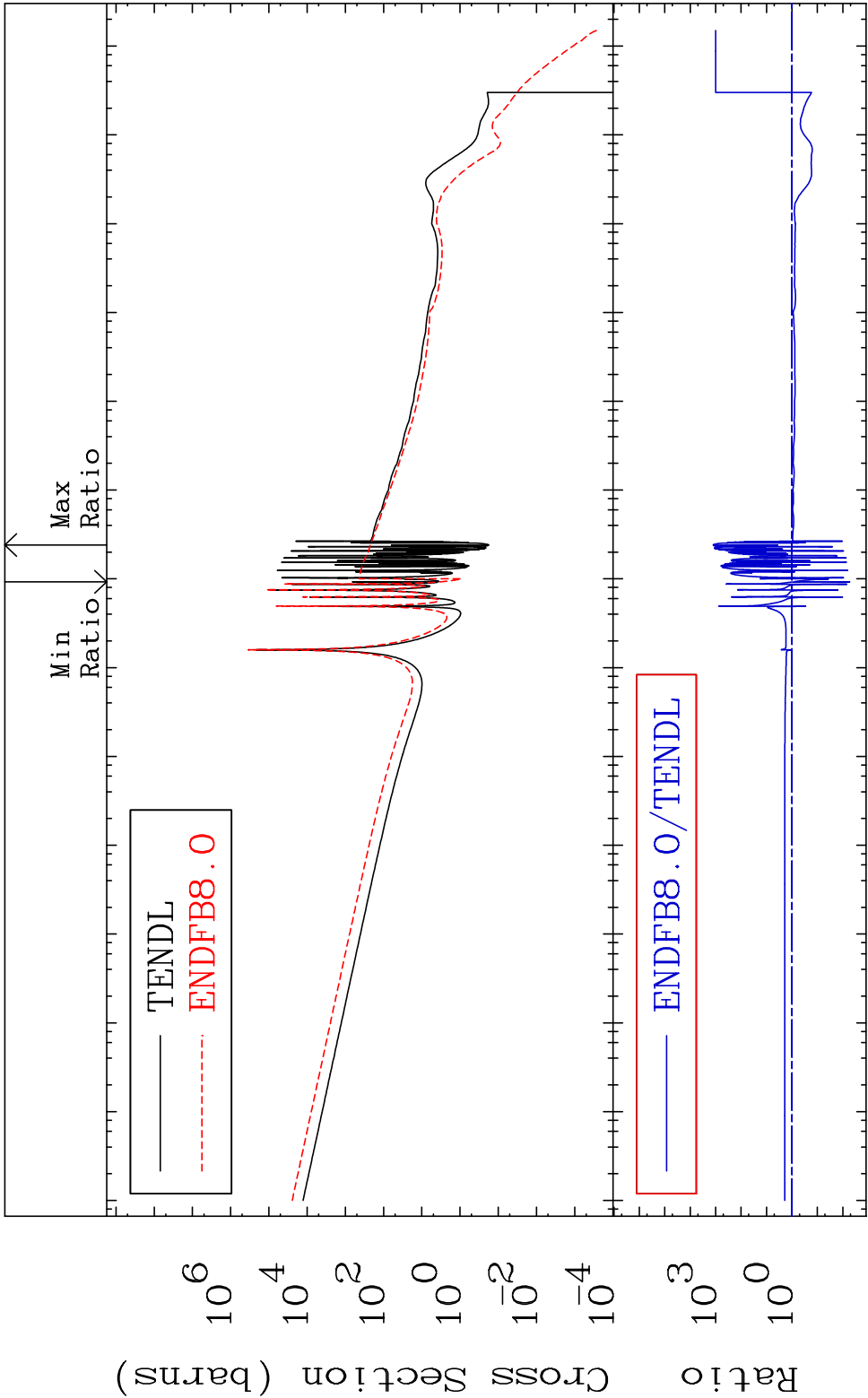


27 Incident Energy (eV) 74-W -180

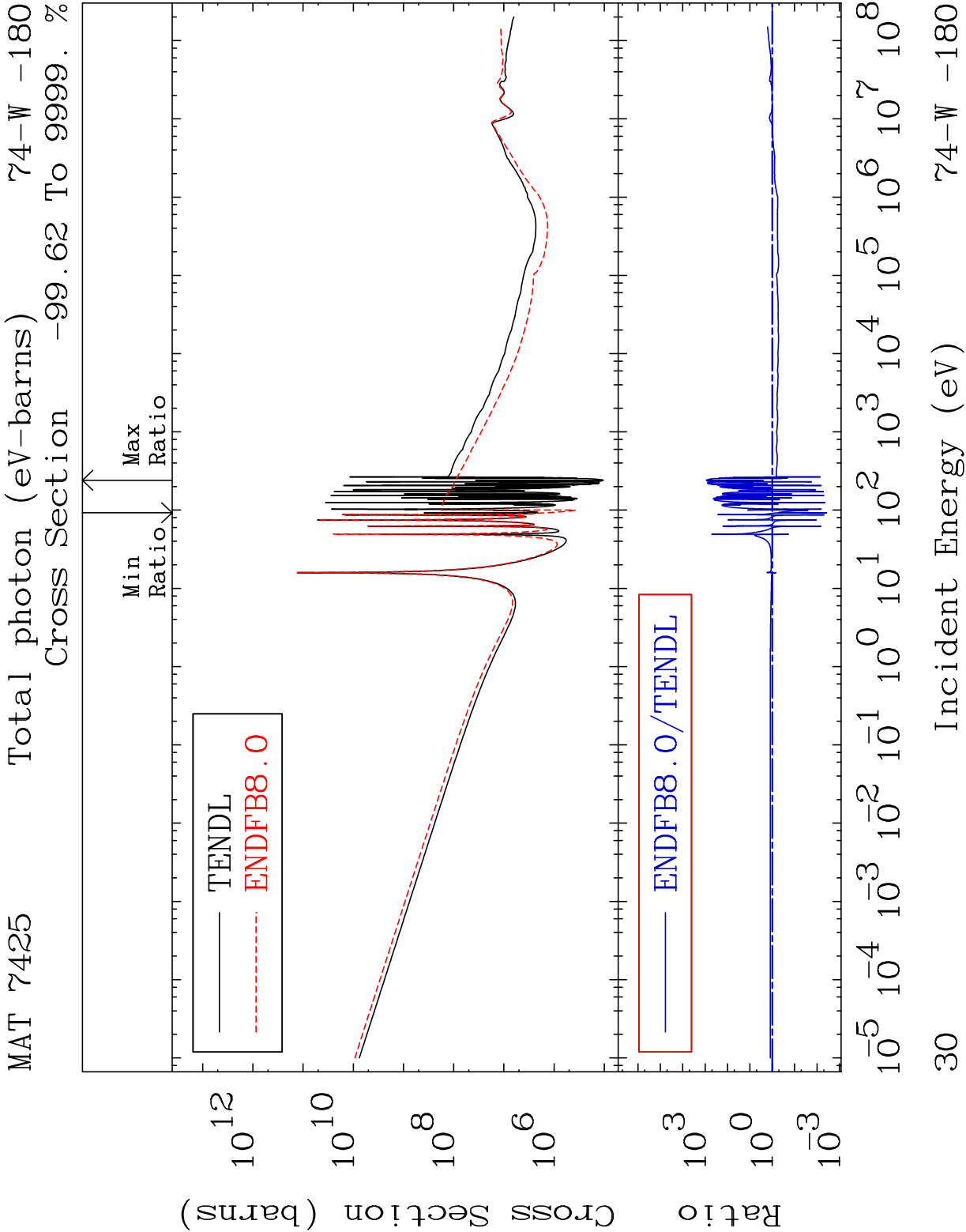
MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180
 Cross Section -32.33 To 9999. %



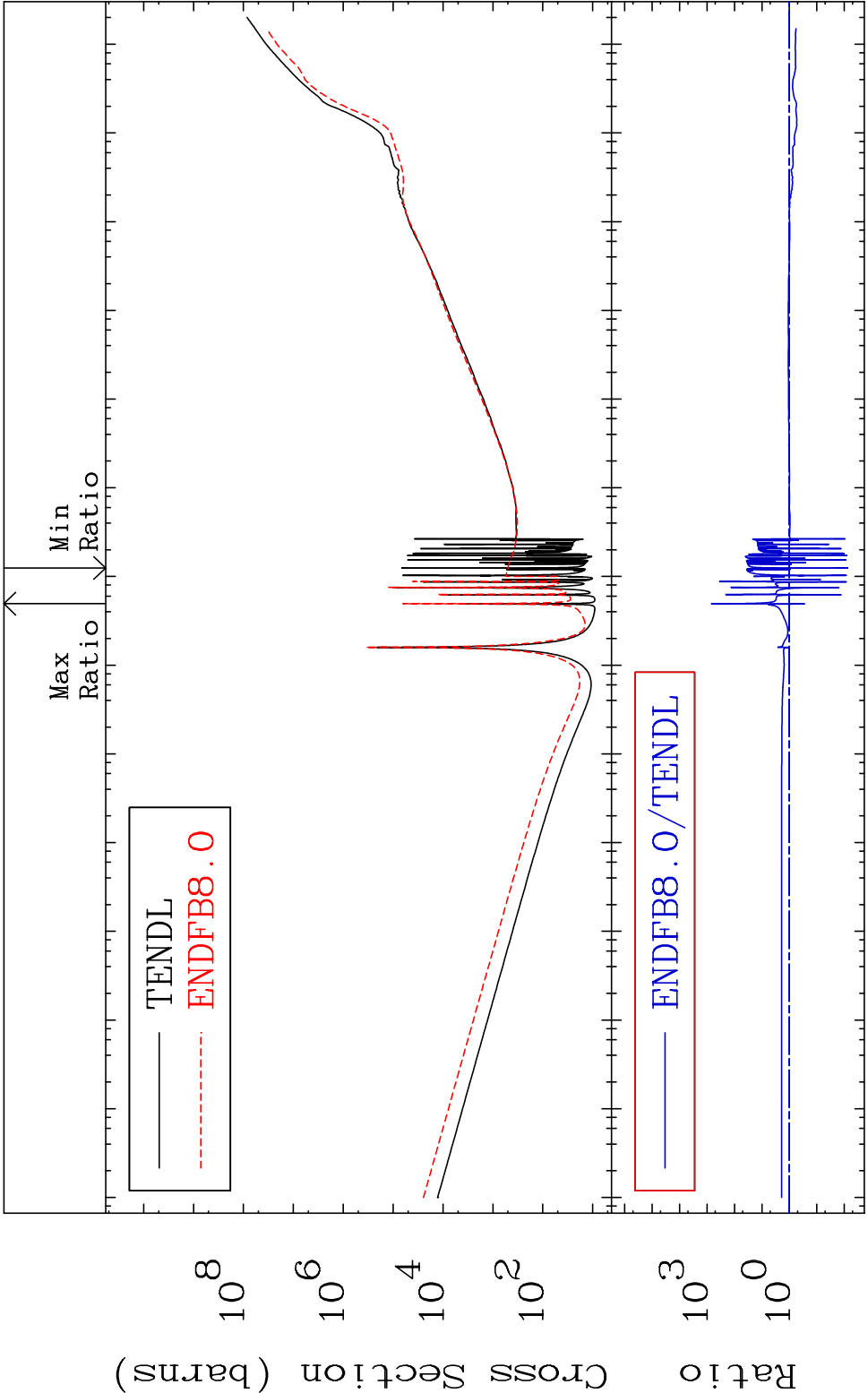
MAT 7425 Kerma capture (mt102) 74-W -180
 Cross Section -99.46 To 9999. %



29 Incident Energy (eV) 74-W -180



MAT 7425 Total kinematic kerma (high limit) 74-W -180
Cross Section -99.26 To 9999. %



31 Incident Energy (eV) 74-W -180

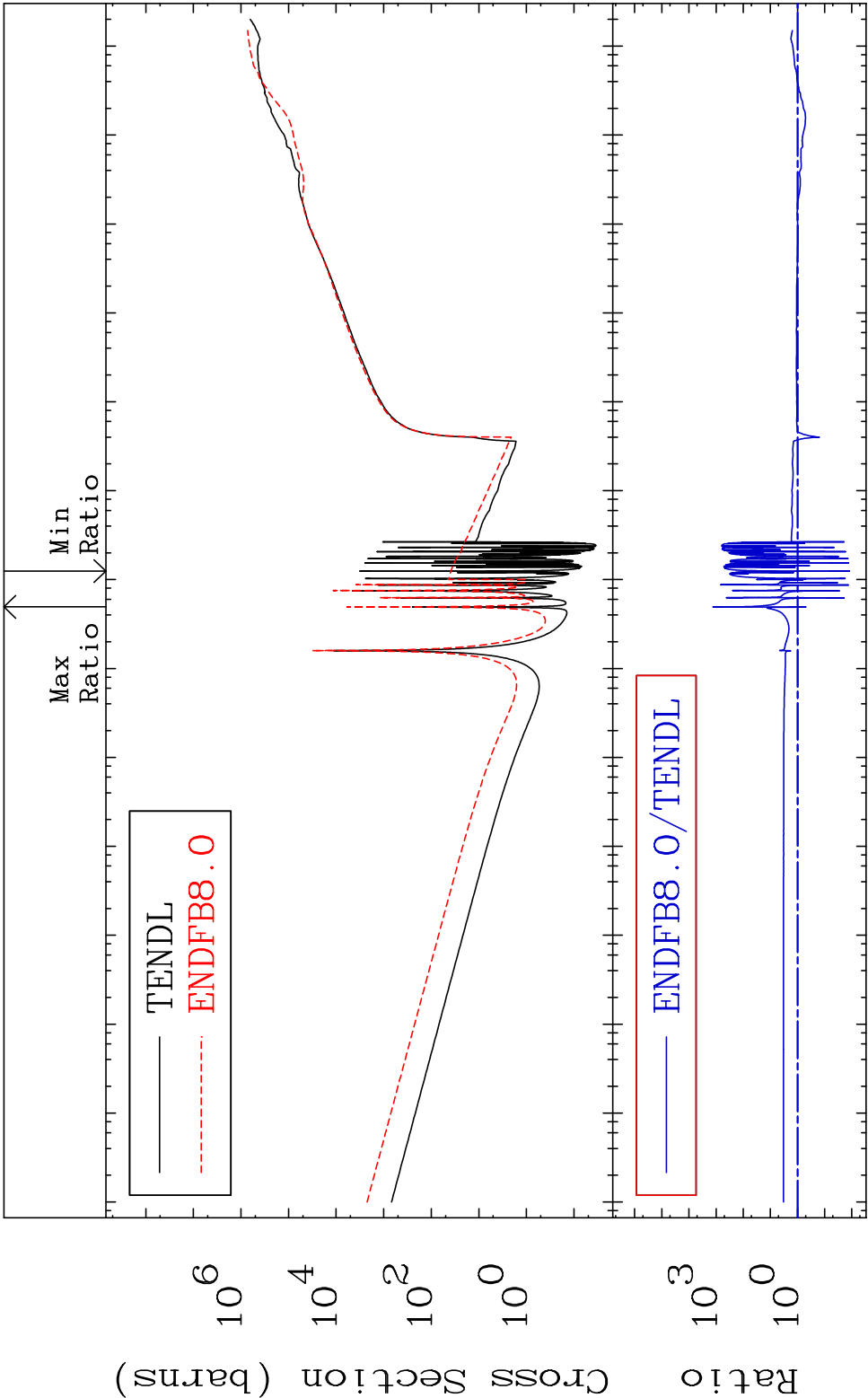
MAT 7425

Dpa total (eV-barns)

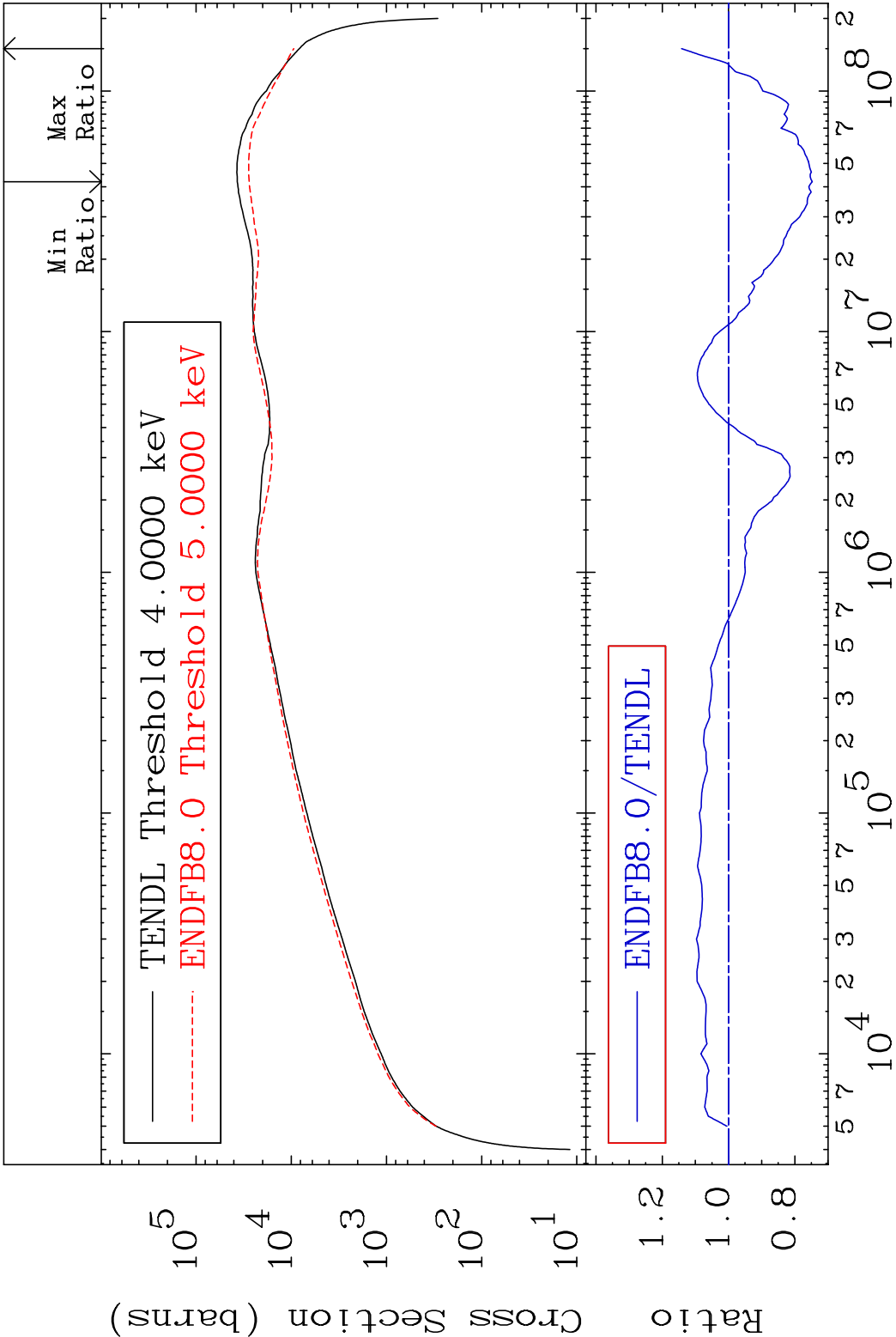
74-W -180

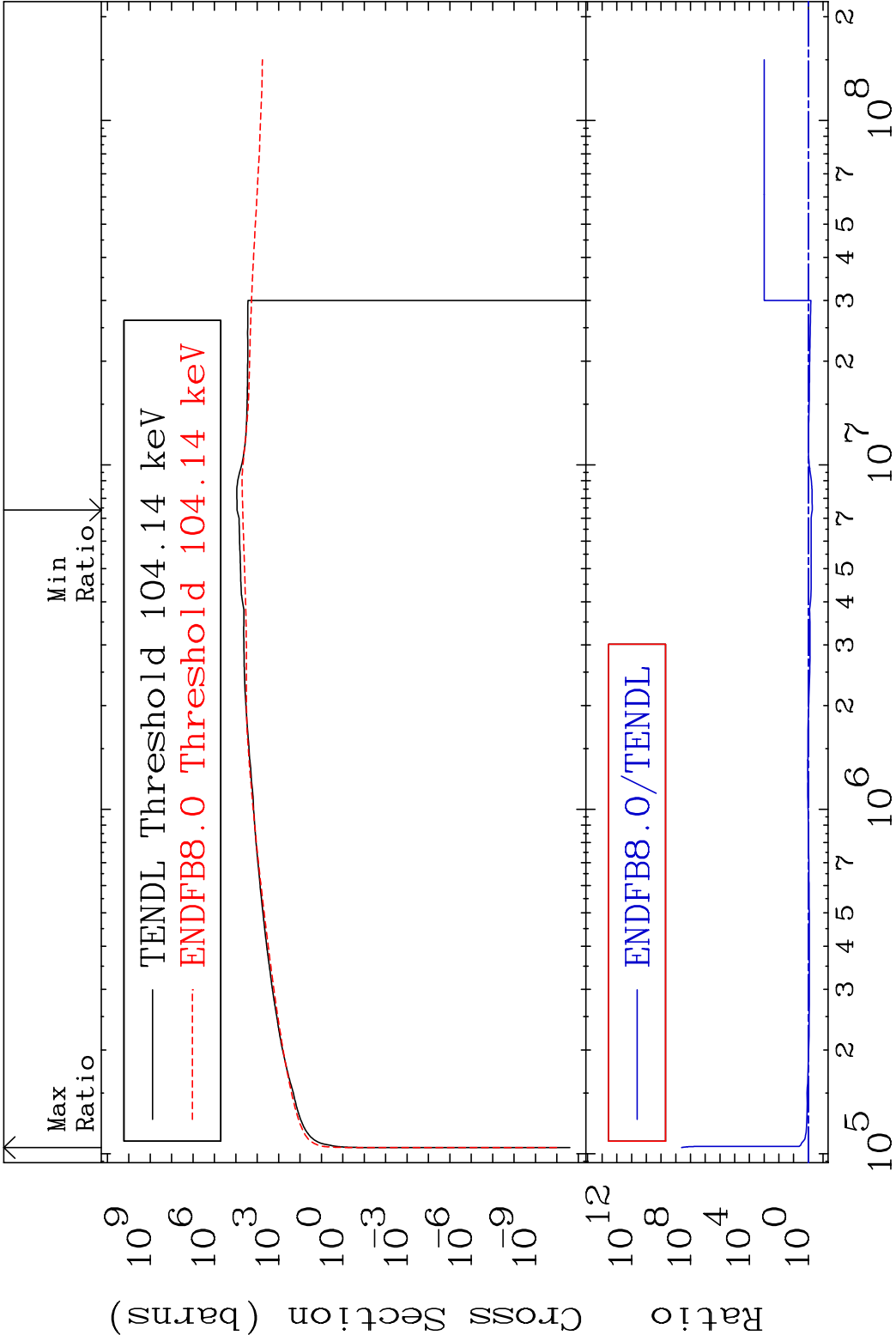
Cross Section

-98.79 To 9999. %

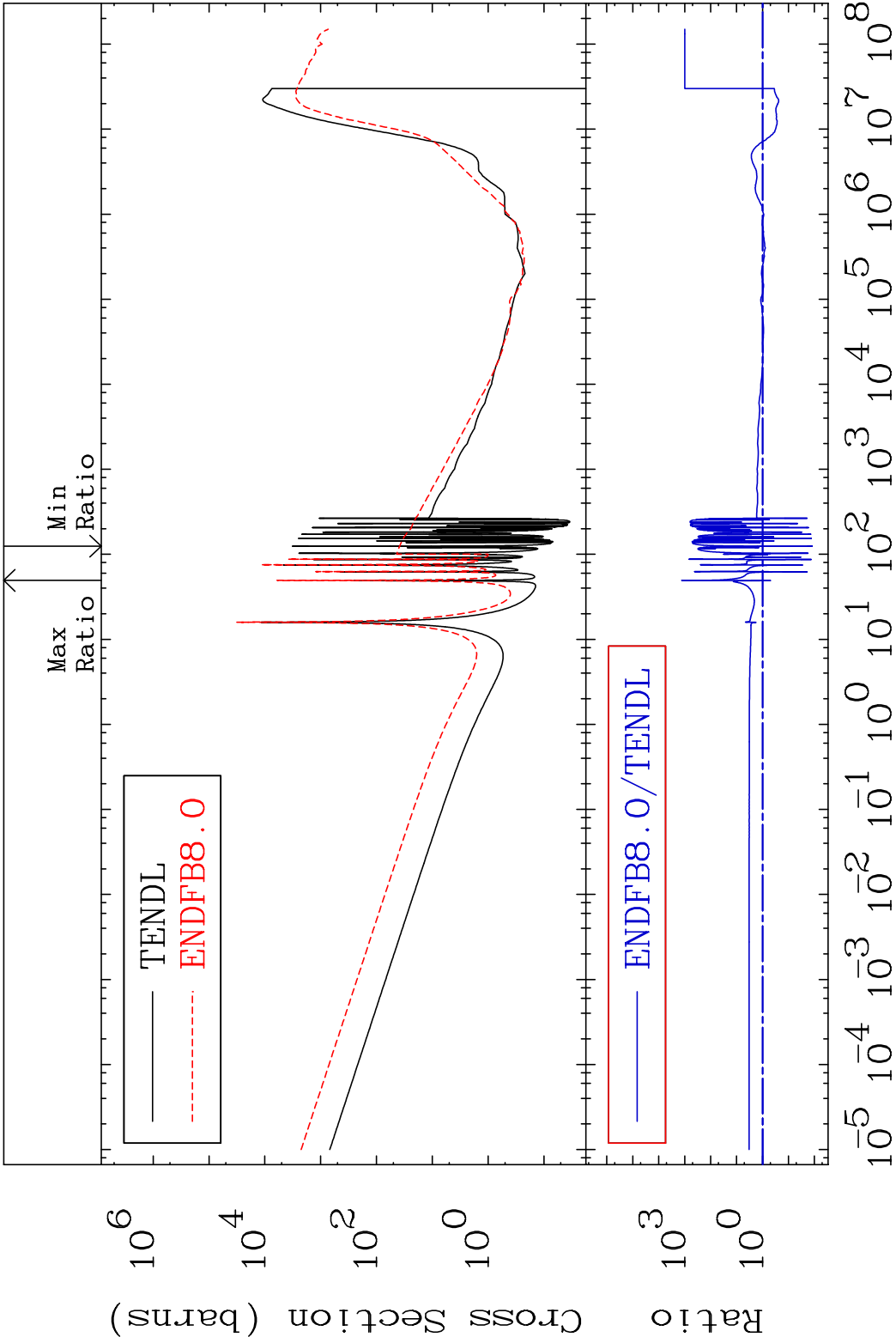


MAT 7425 Dpa elastic (mt2) 74-W -180
 Cross Section -25.26 To 14.18 %

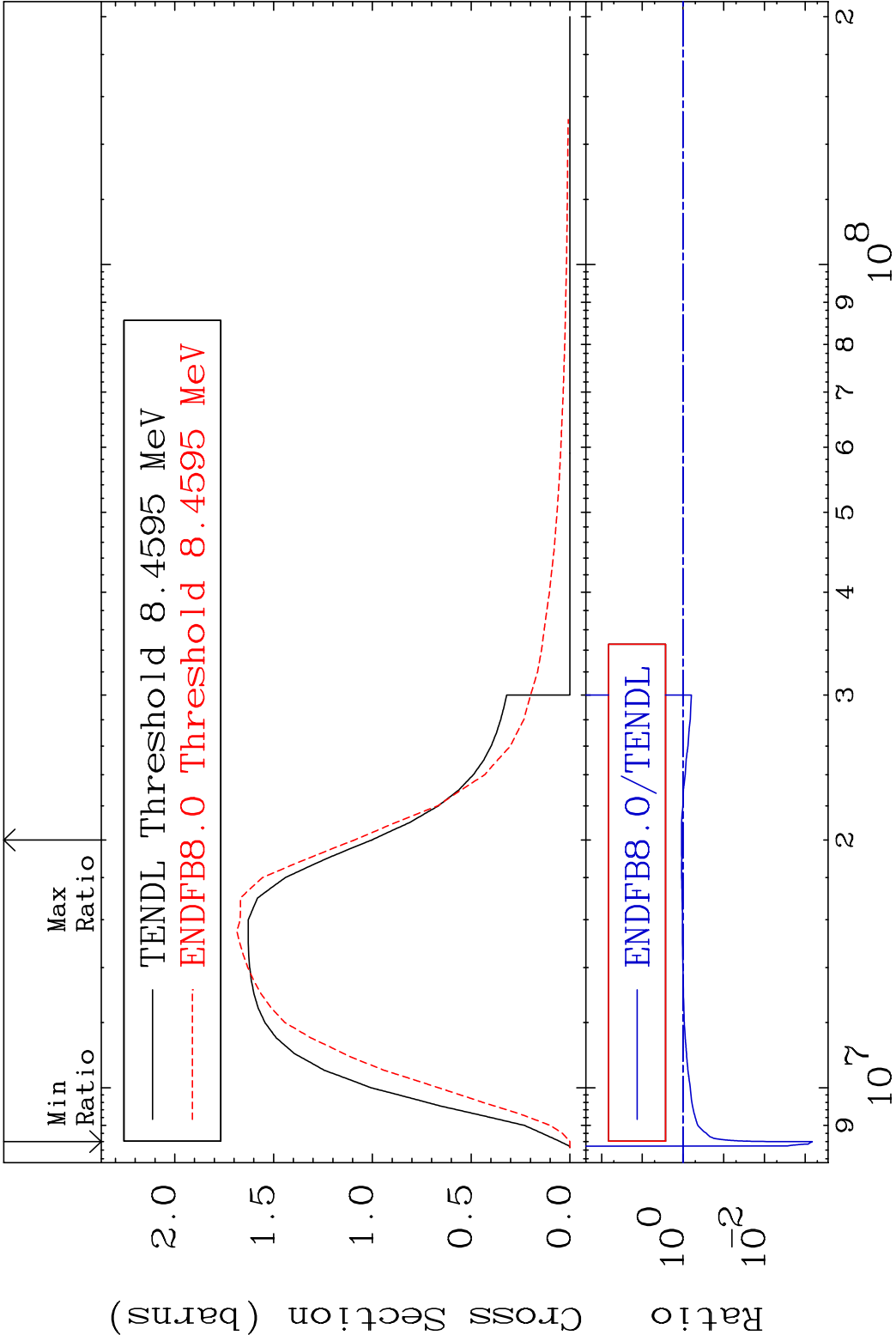


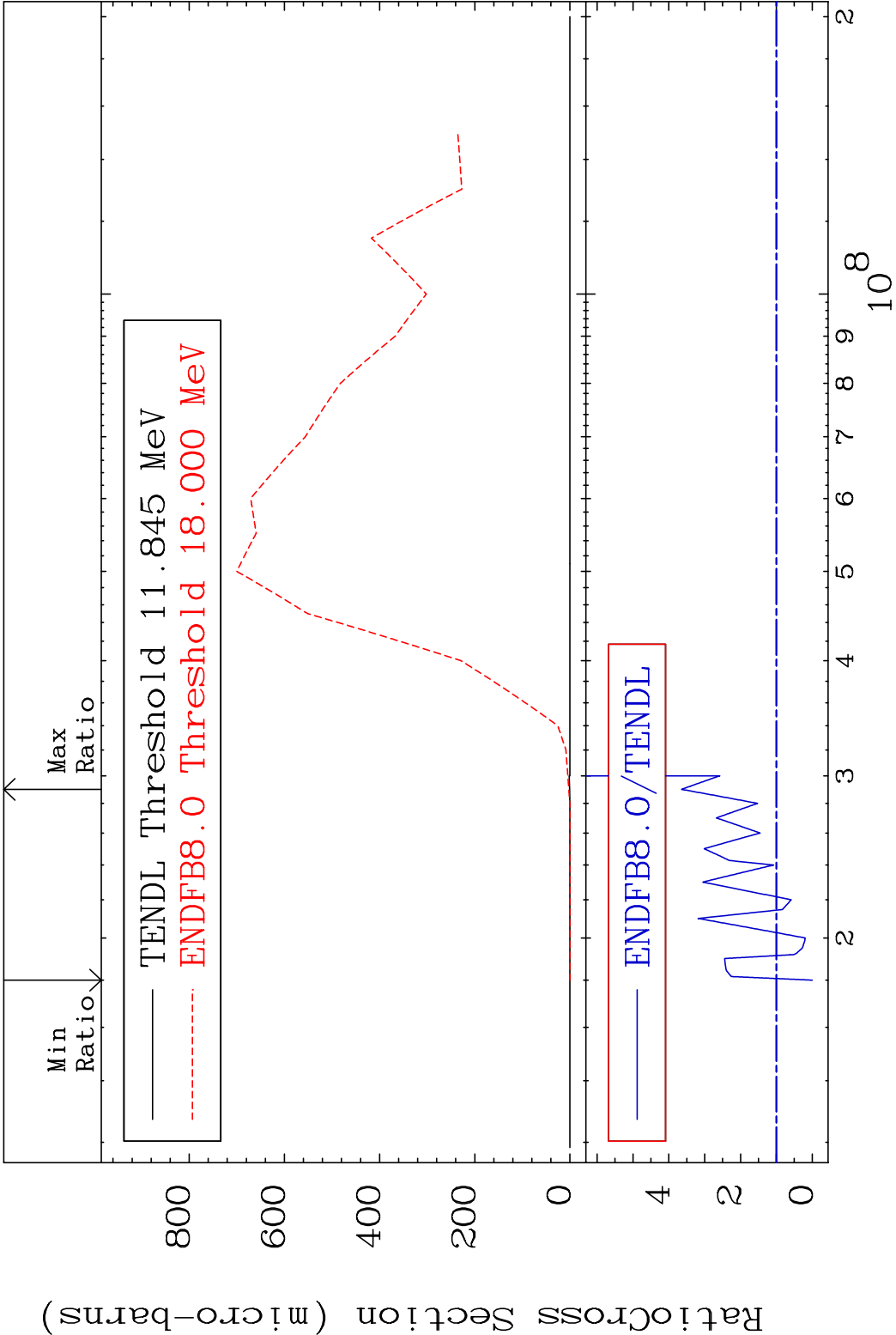


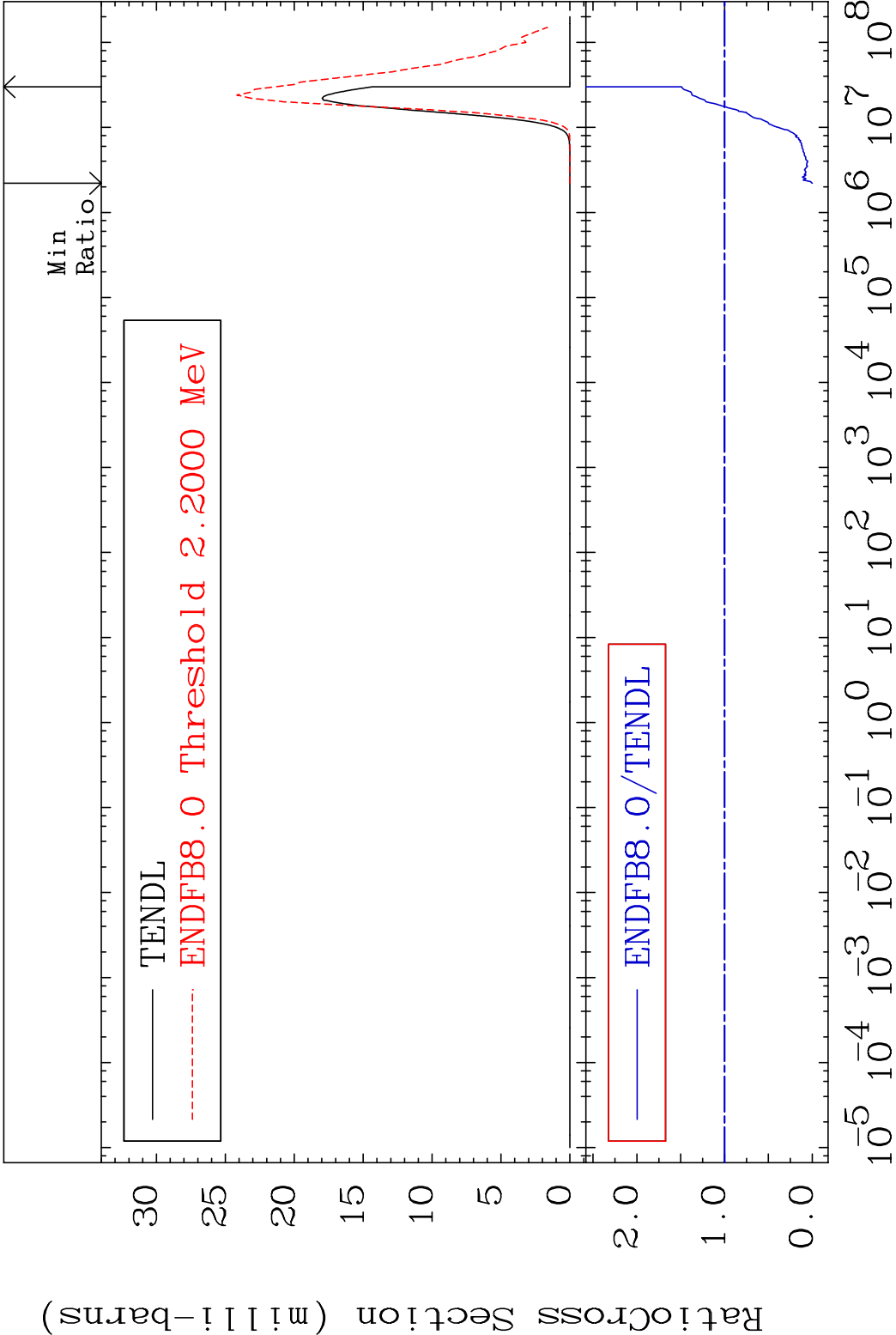
MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
Cross Section -98.79 To 9999. %



35 Incident Energy (eV) 74-W -180







MAT 7425

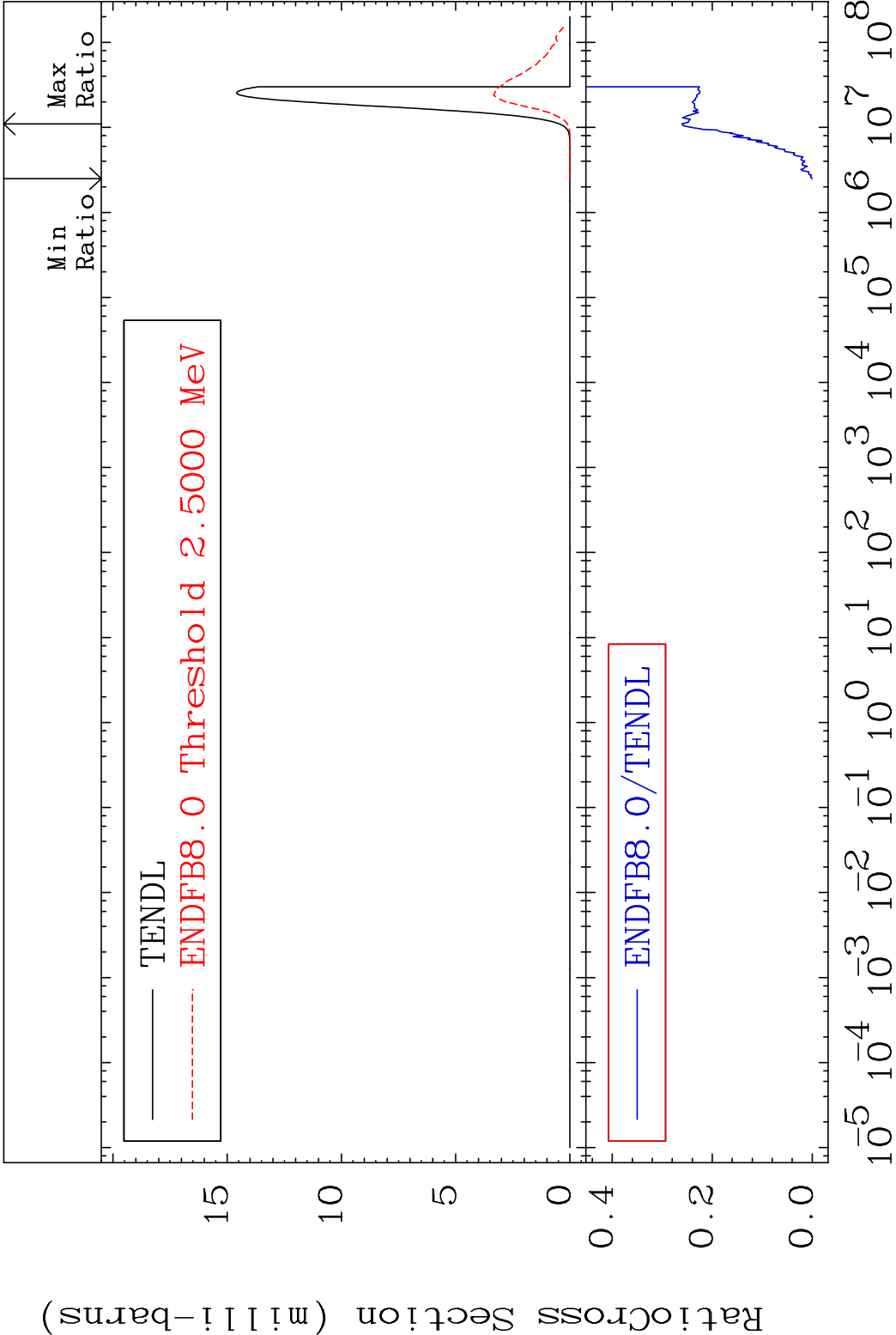
(n,p):73-Ta-180m2

74-W -180

Radionuclide Production Cross Section

180-Ta-180m2

-73.86%



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Incident Energy (eV)

74-W -180

