

Program Complot
(Version 2021-1)

by

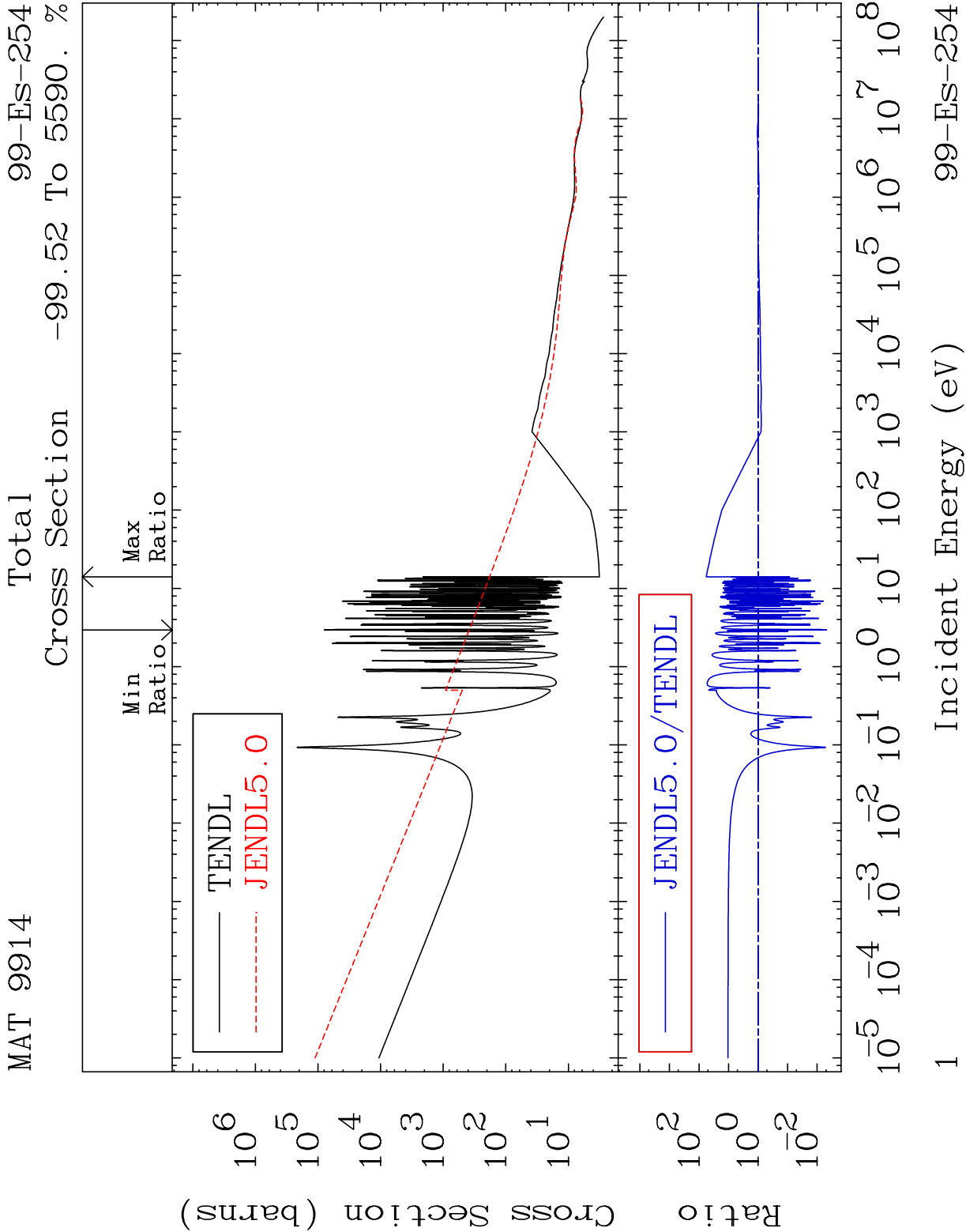
Dermott E. Cullen
(Present Contact Information)

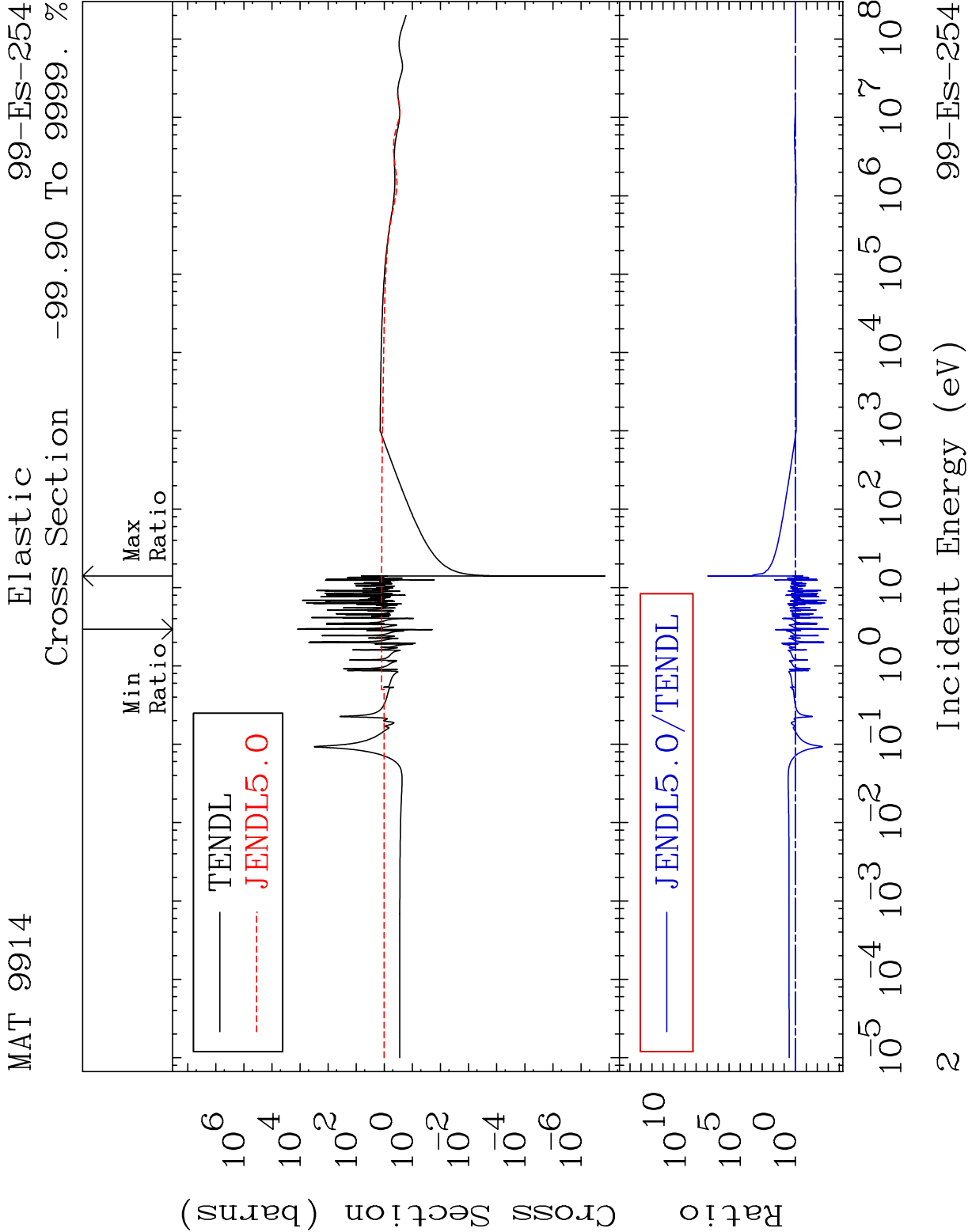
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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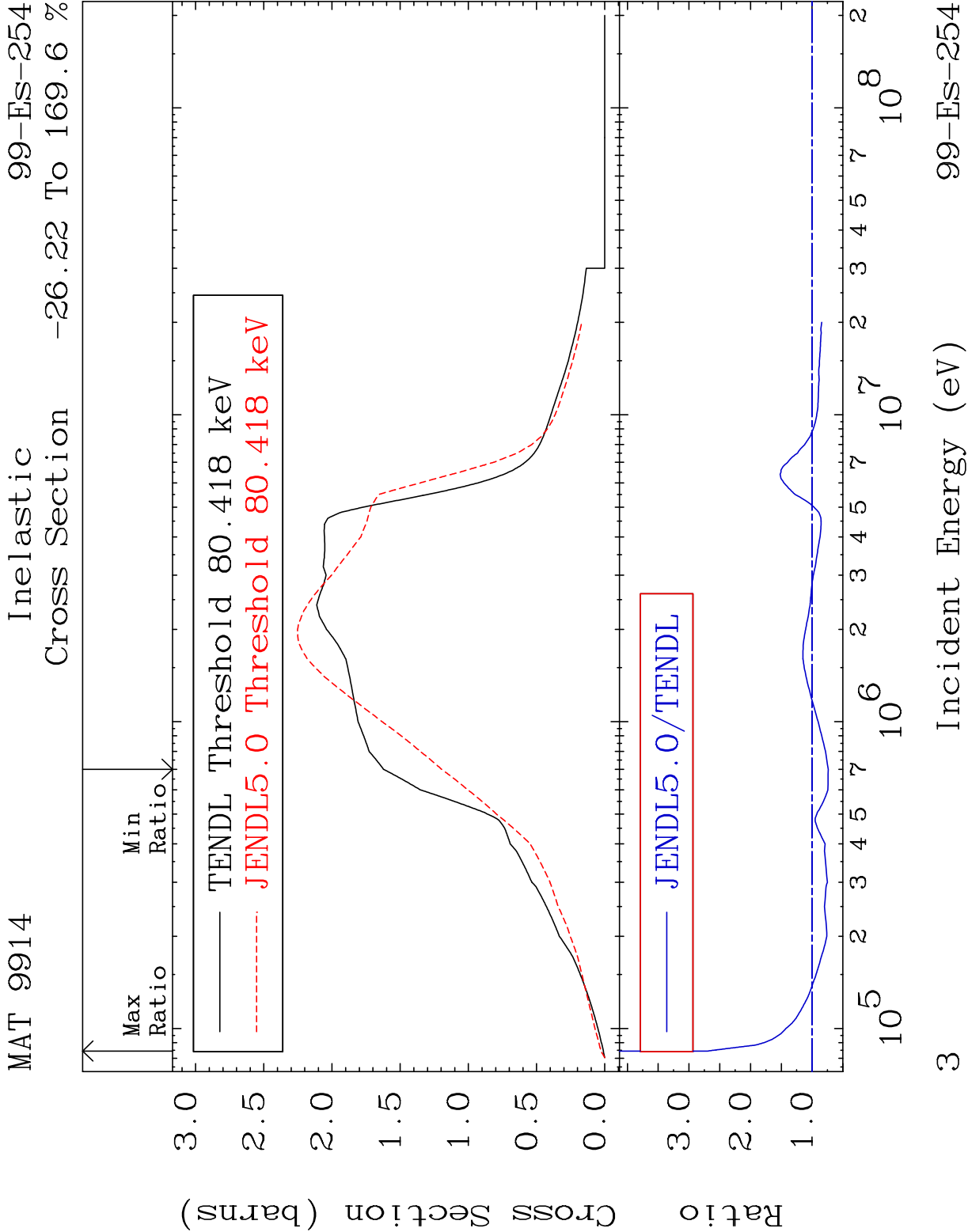
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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Press Mouse Button to Start





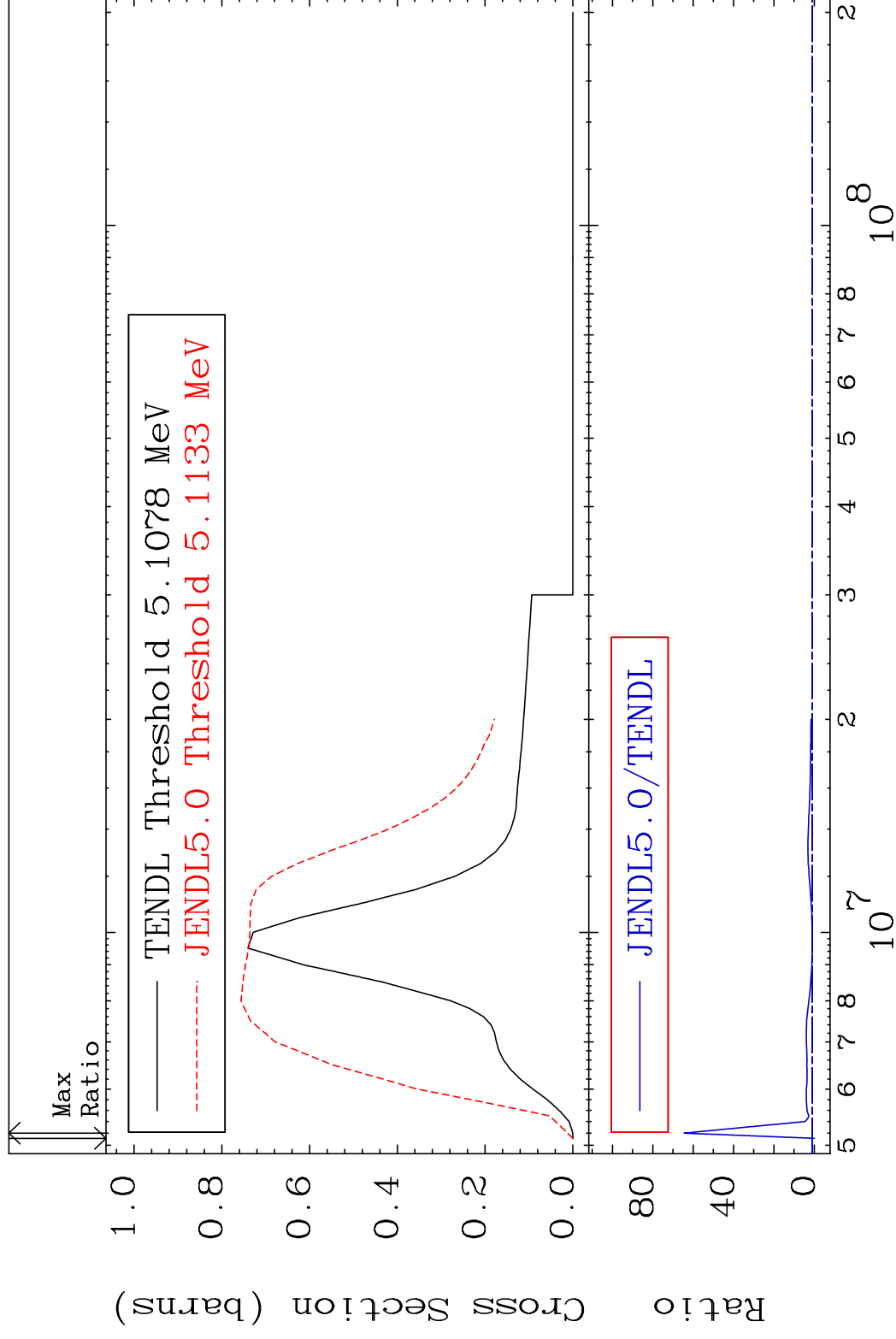


MAT 9914

$$(n, 2n)$$

99-ES-254

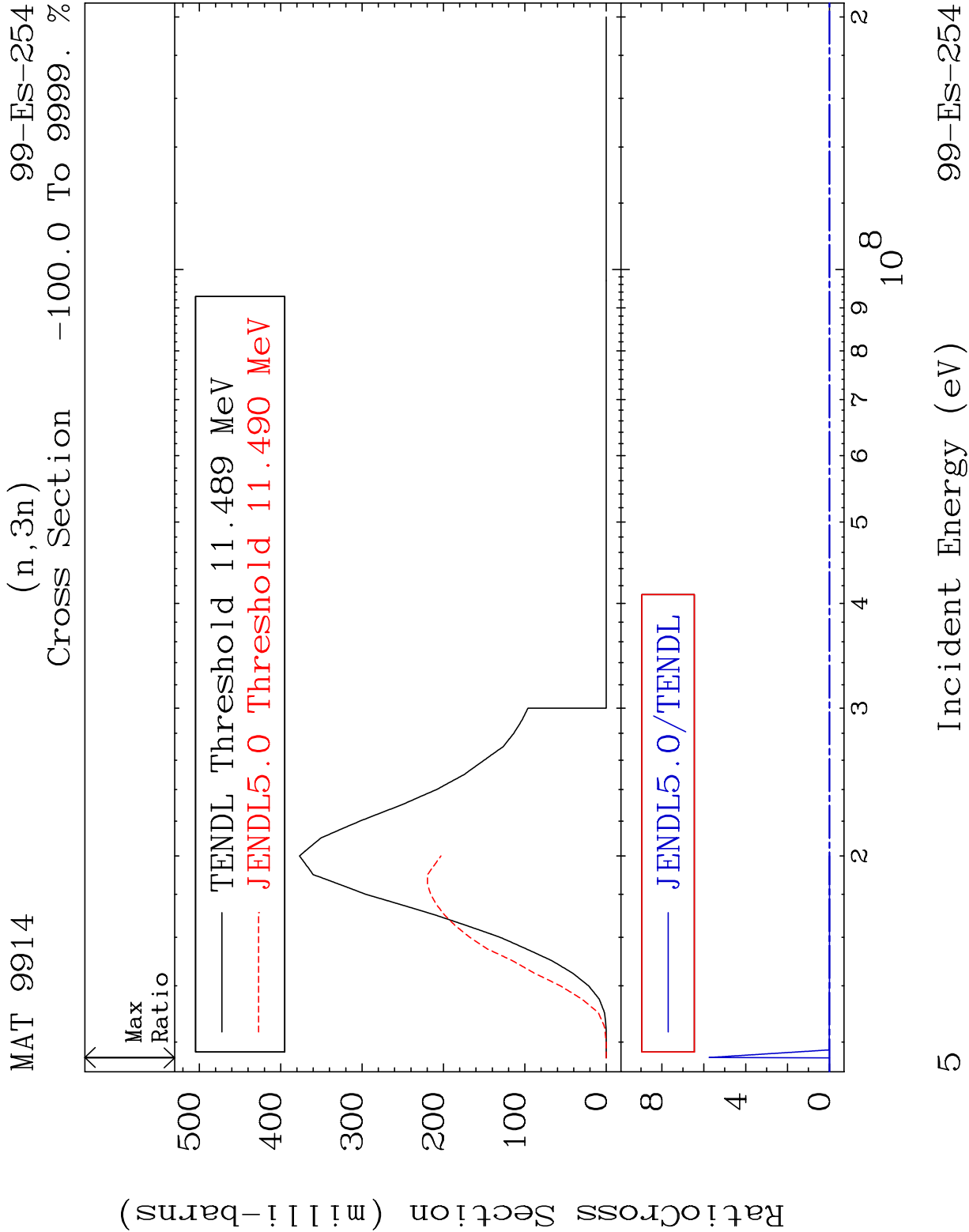
Cross Section -100.0 To 6352. %

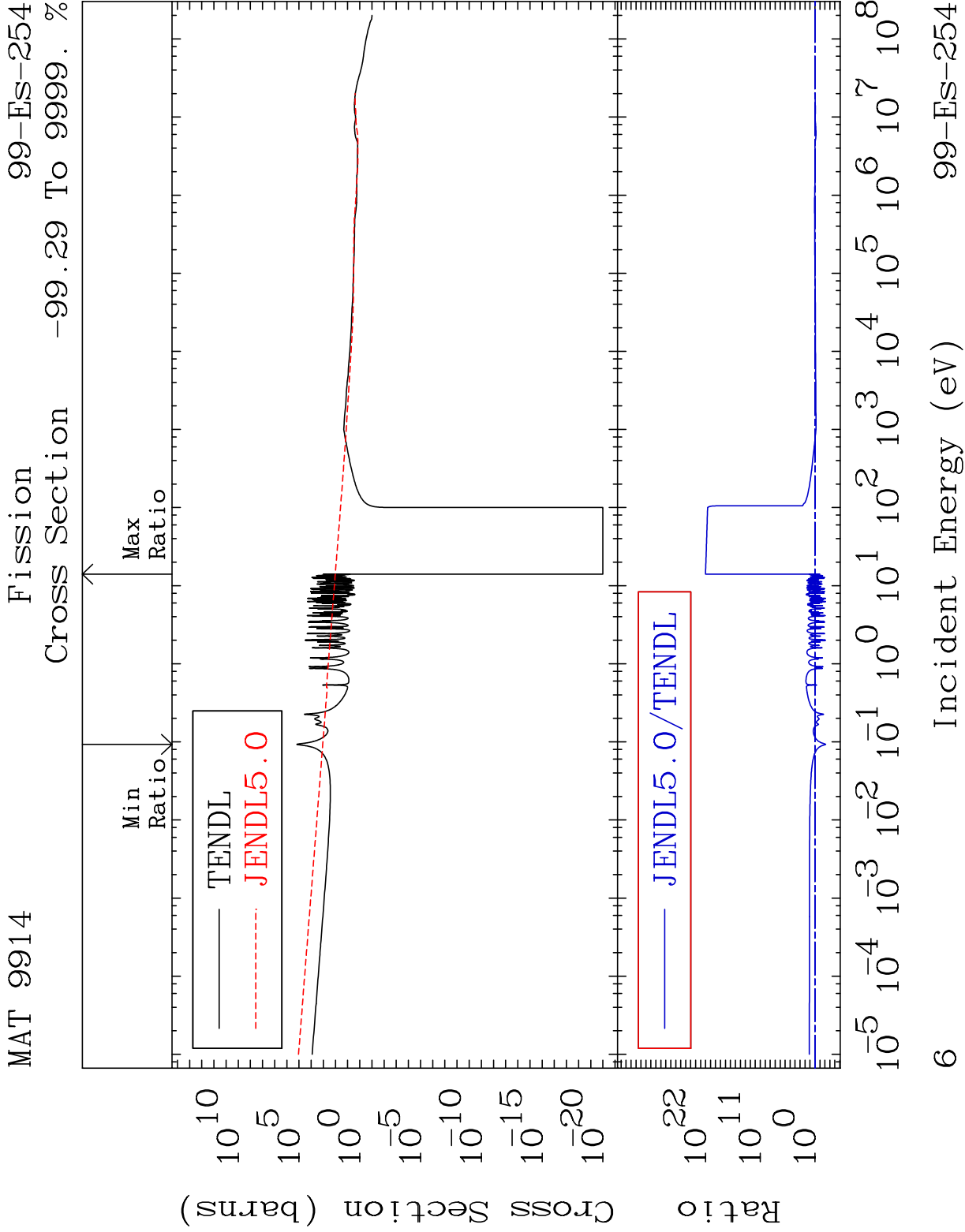


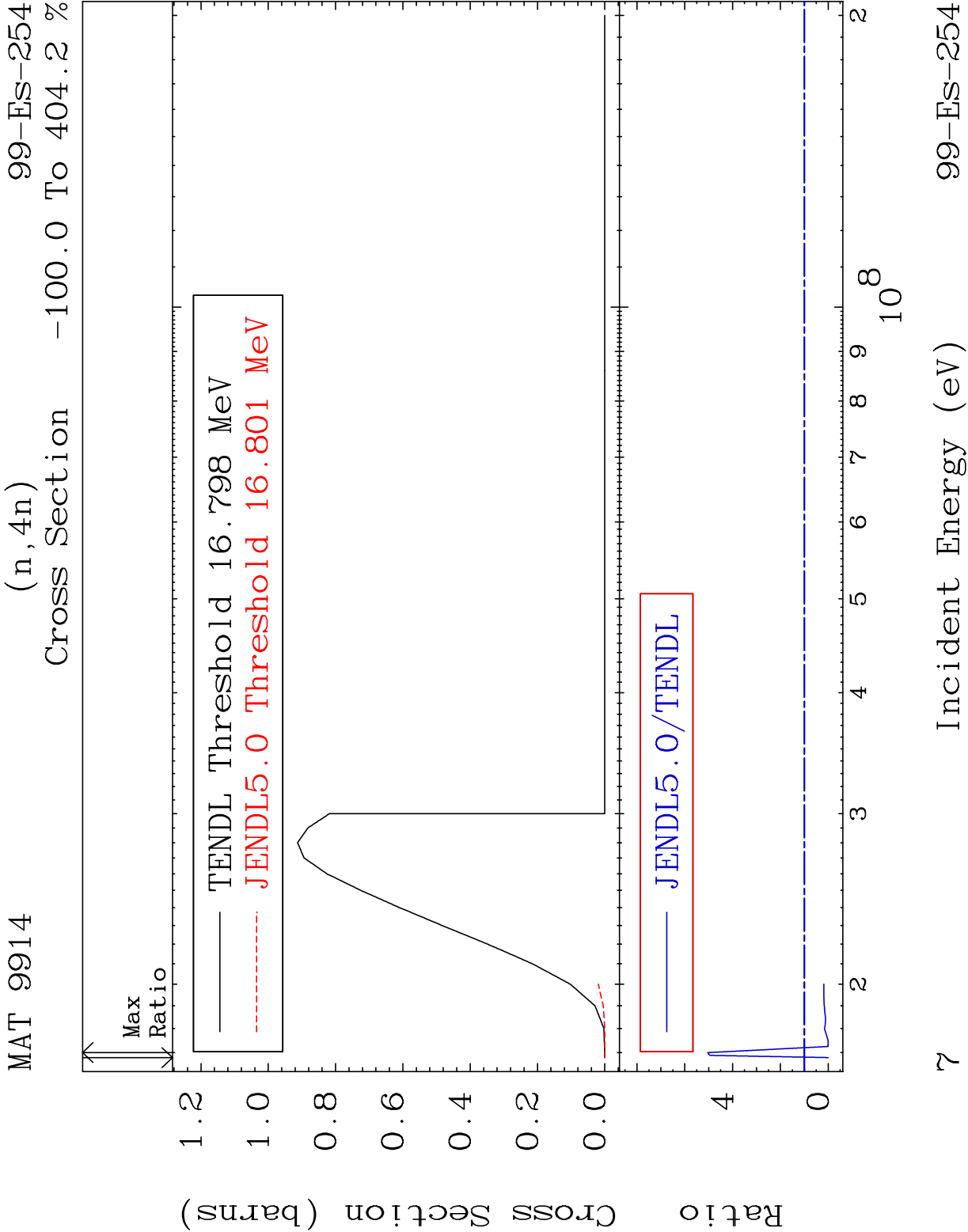
4

Incident Energy (eV)

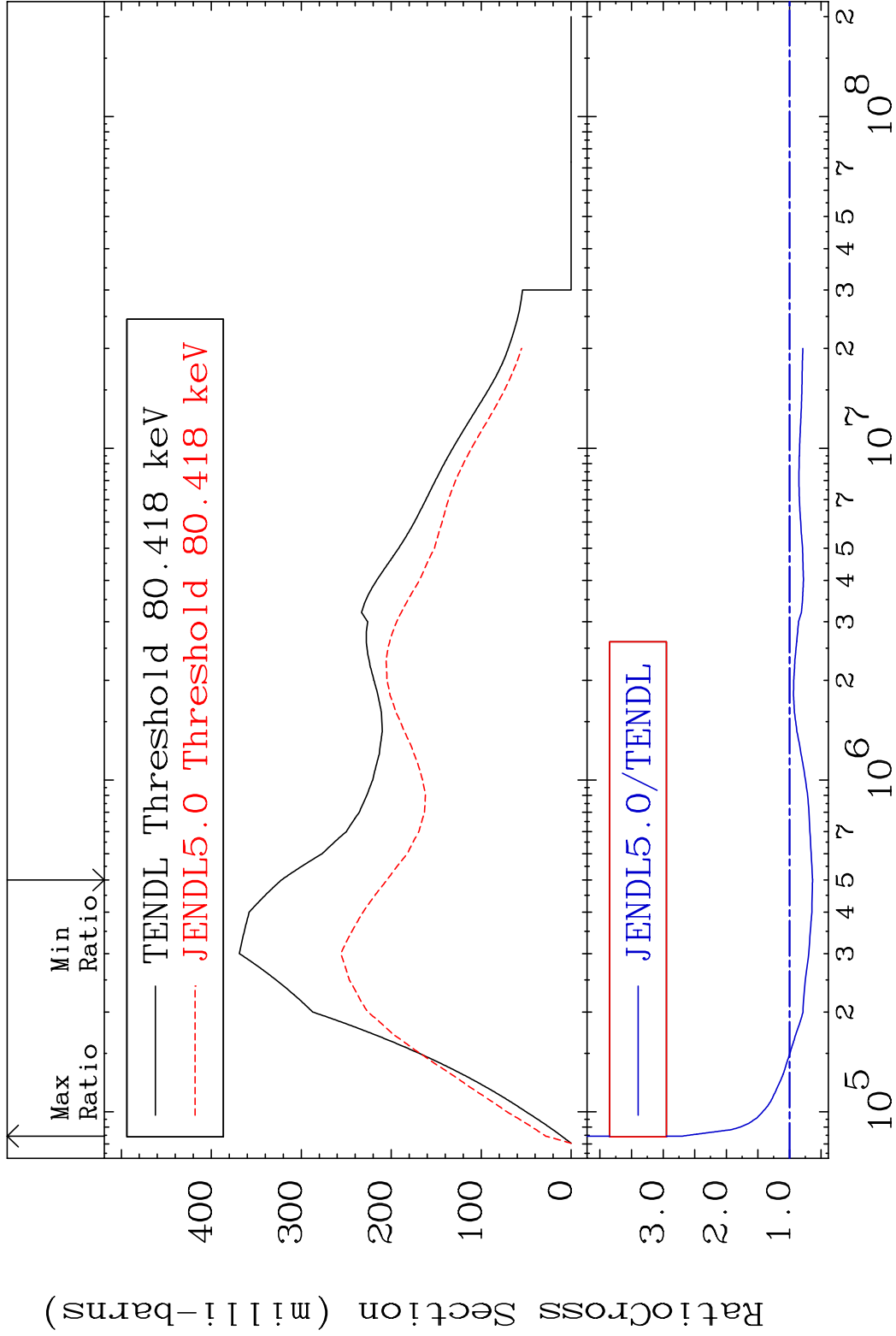
99-ES-254



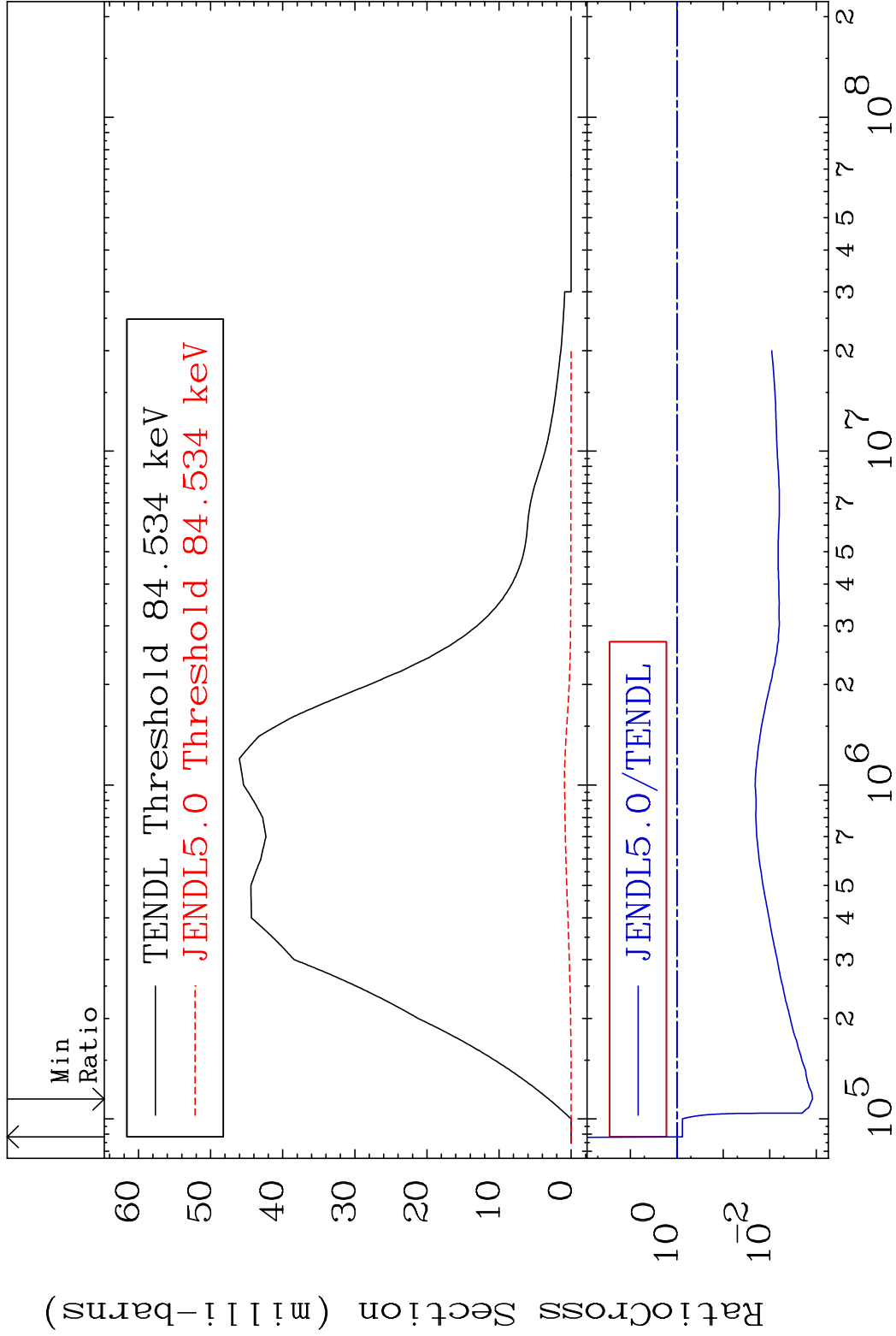




MAT 9914 MT= 51 (n,n') Level 99-Es-254
Cross Section -36.45 To 169.6 %



MAT 9914 MT= 52 (n,n') Level 99-Es-254
Cross Section -99.88 To -23.88%



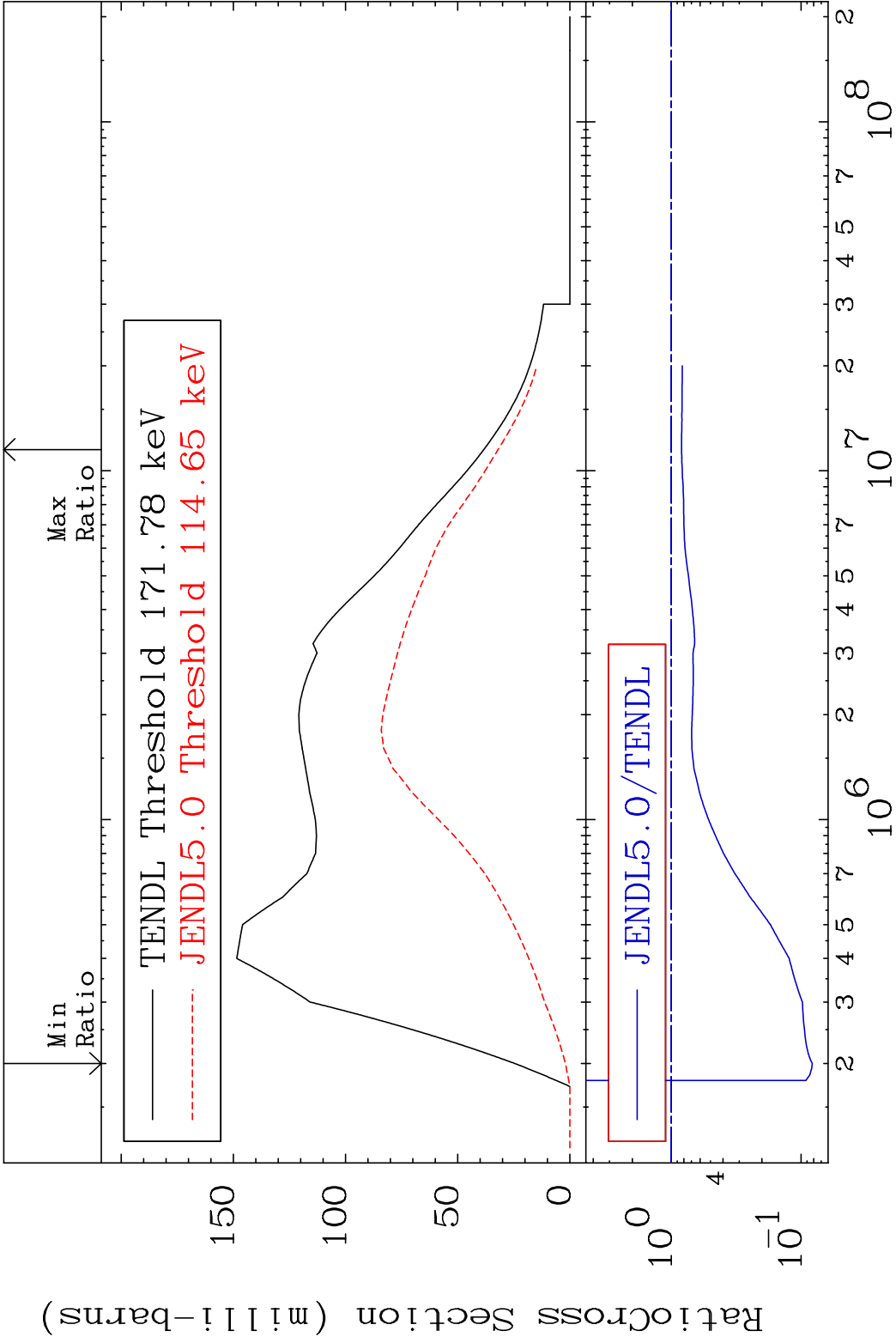
MAT 9914

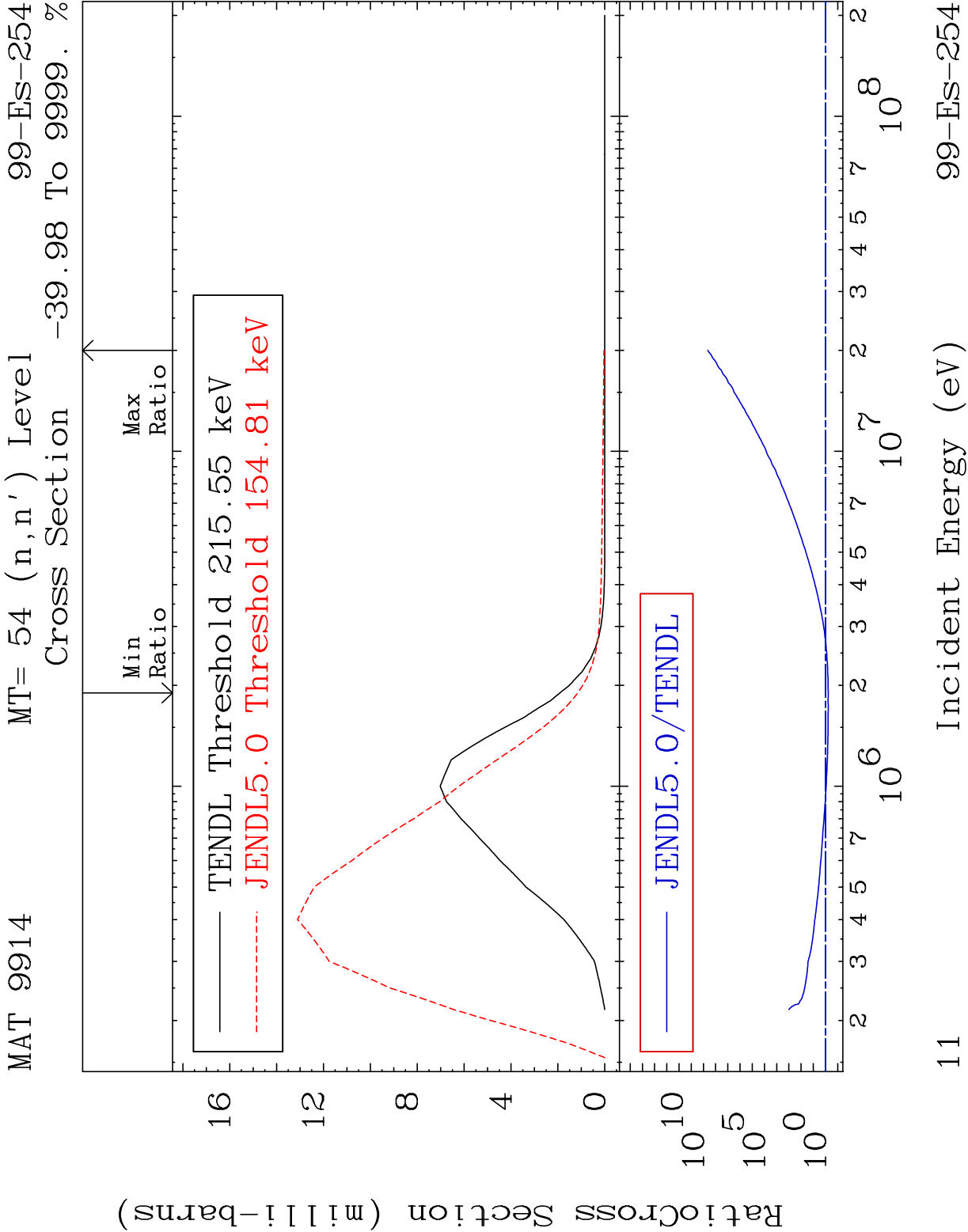
MT= 53 (n,n') Level

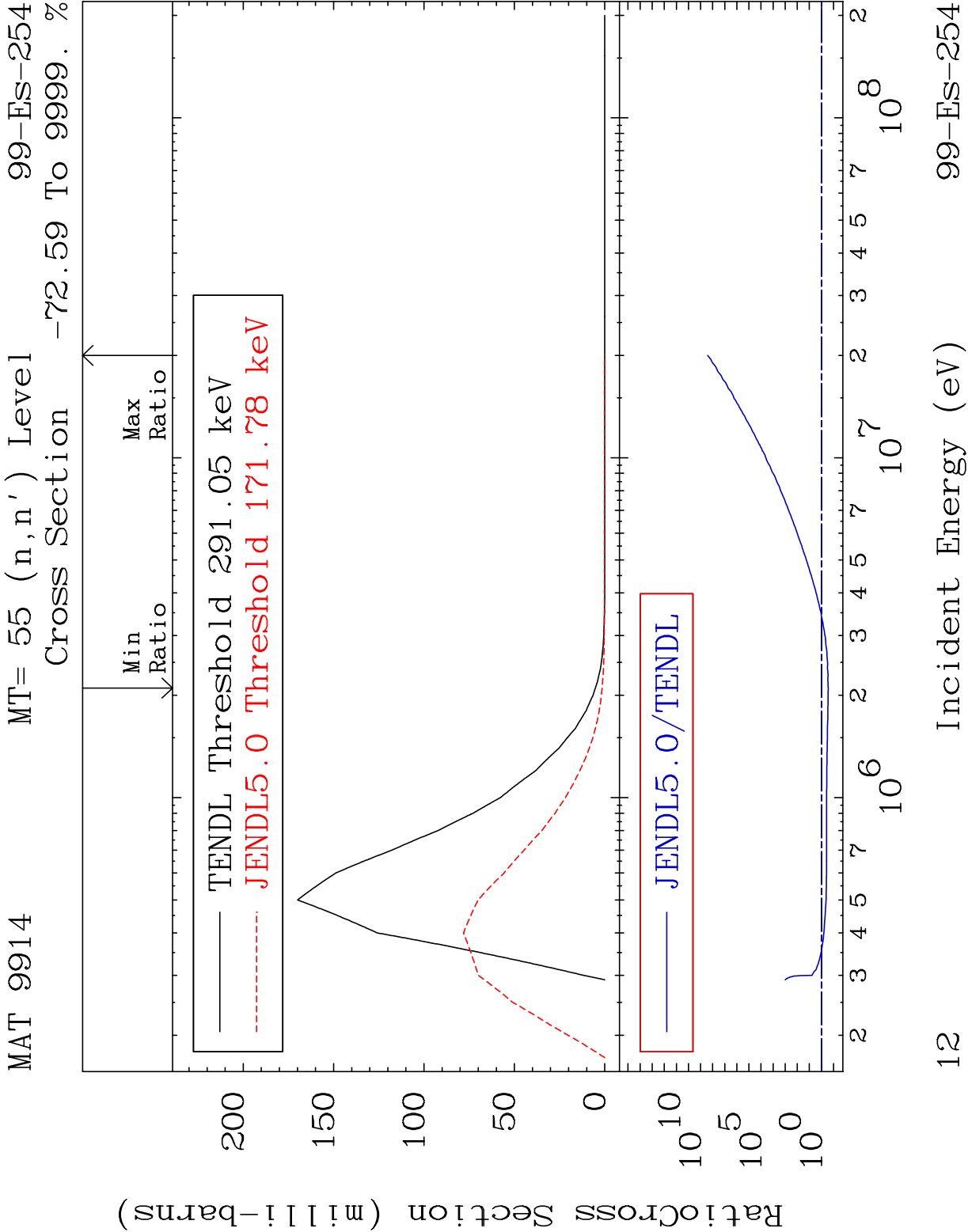
99-Es-254

Cross Section

-91.80 To -16.52%







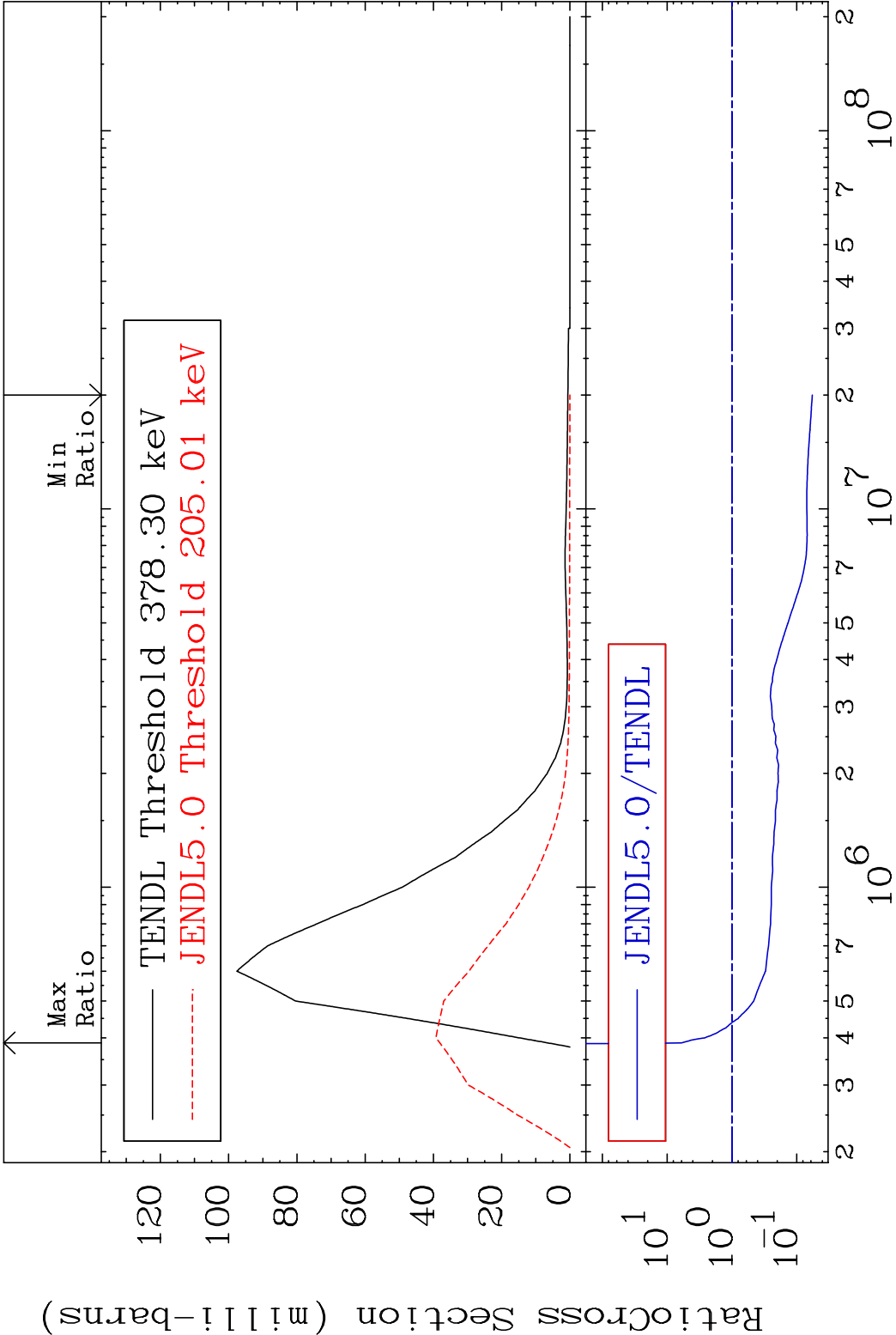
MAT 9914

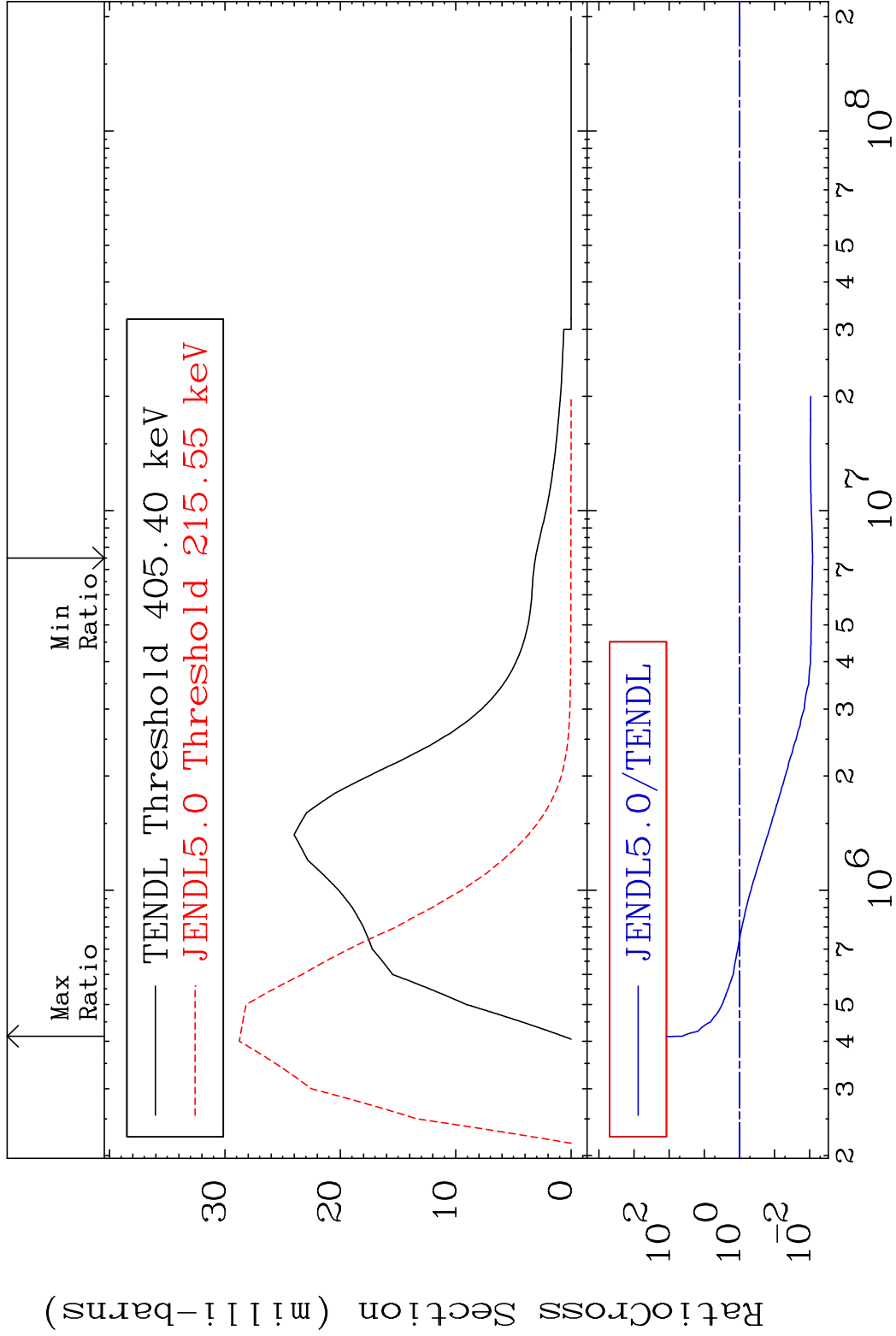
MT= 56 (n,n') Level

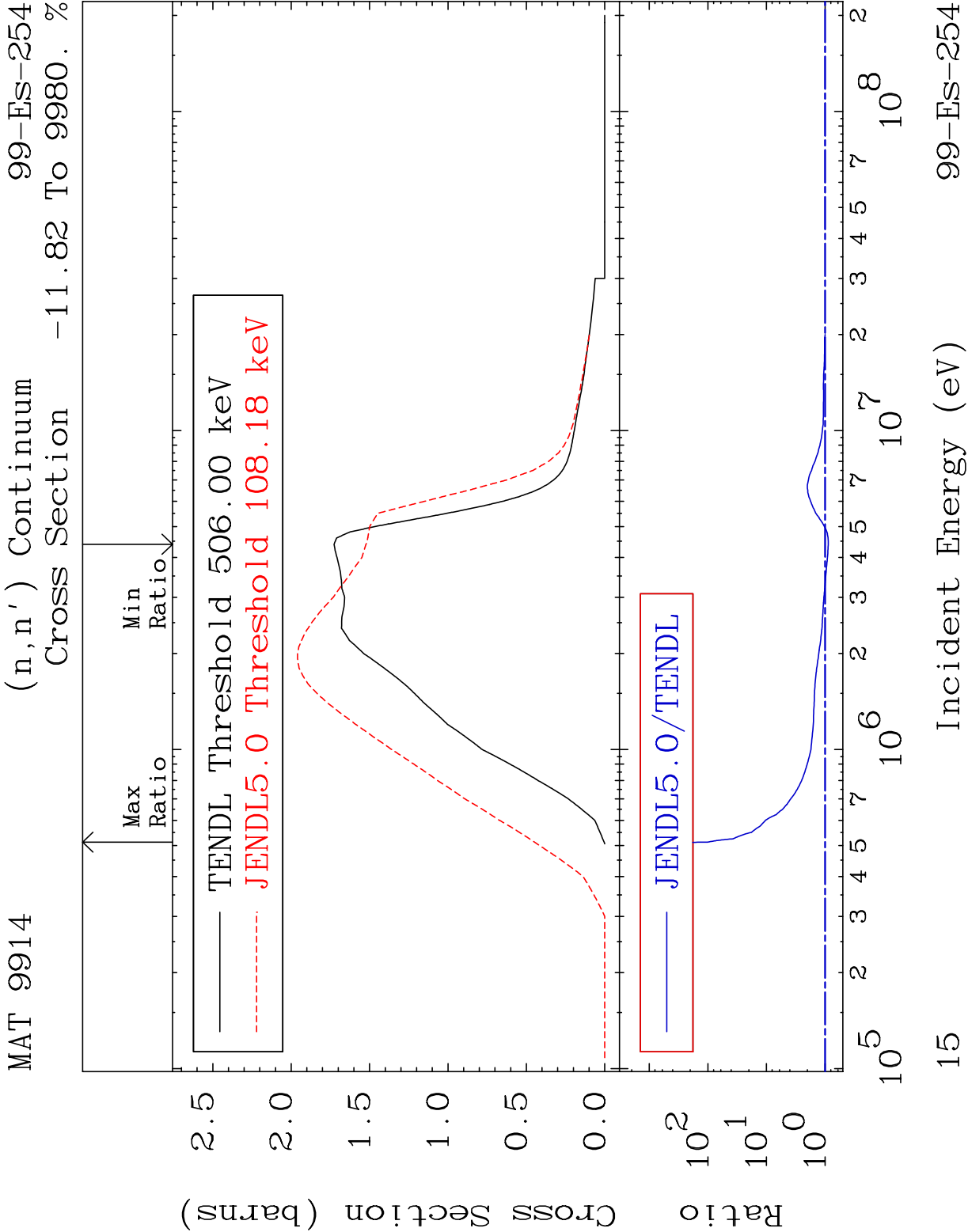
99-Es-254

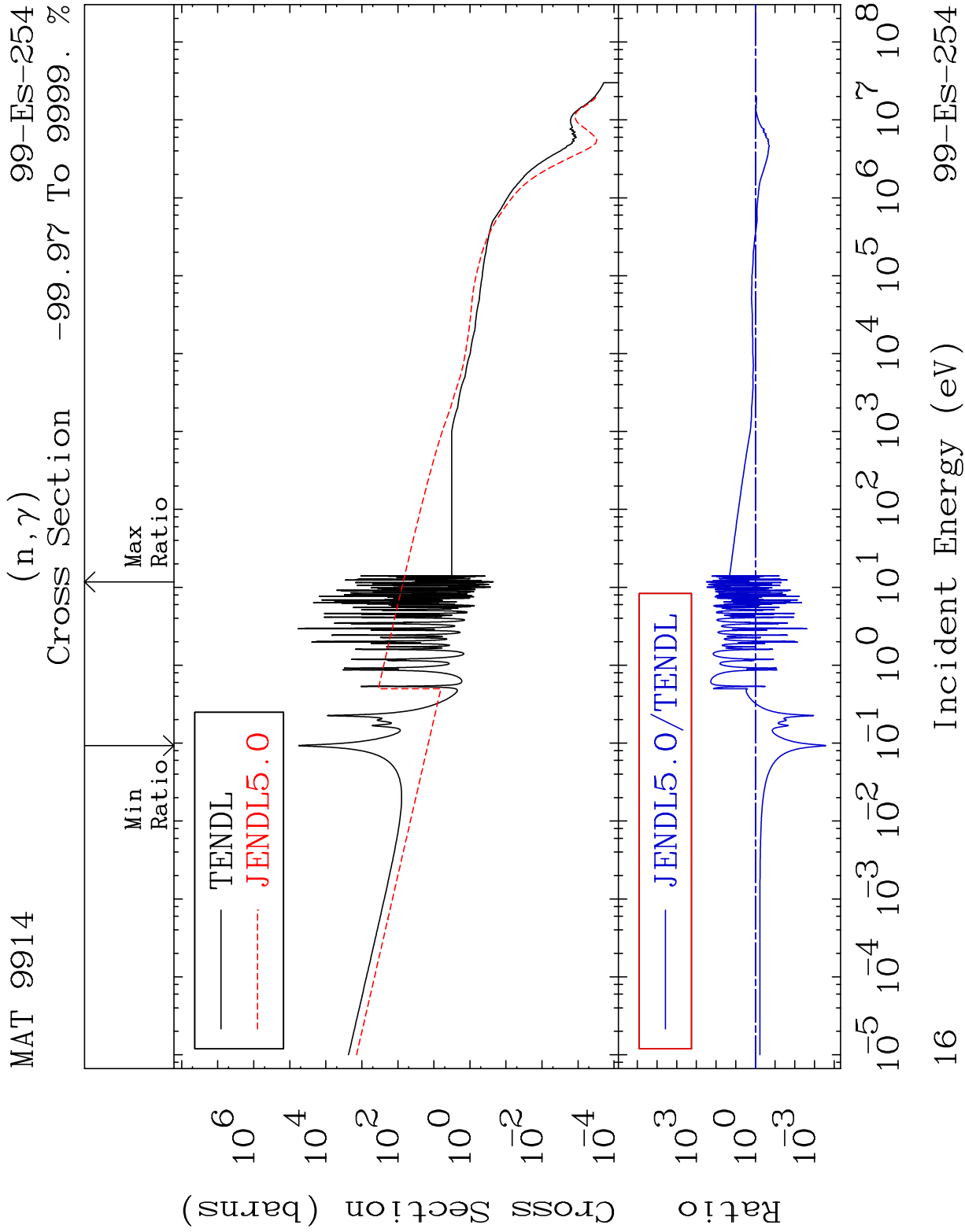
Cross Section

-94.25 To 498.5 %

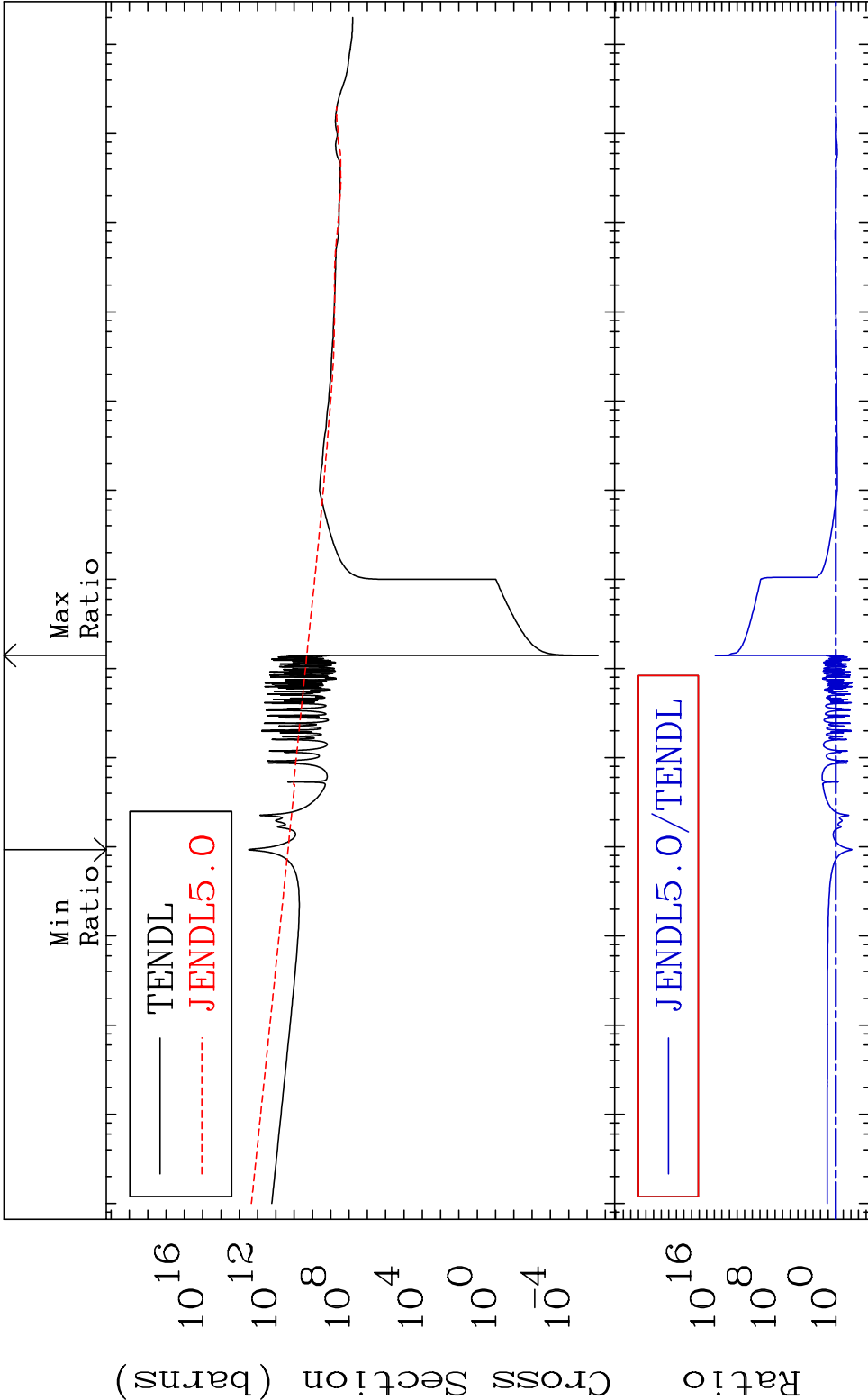


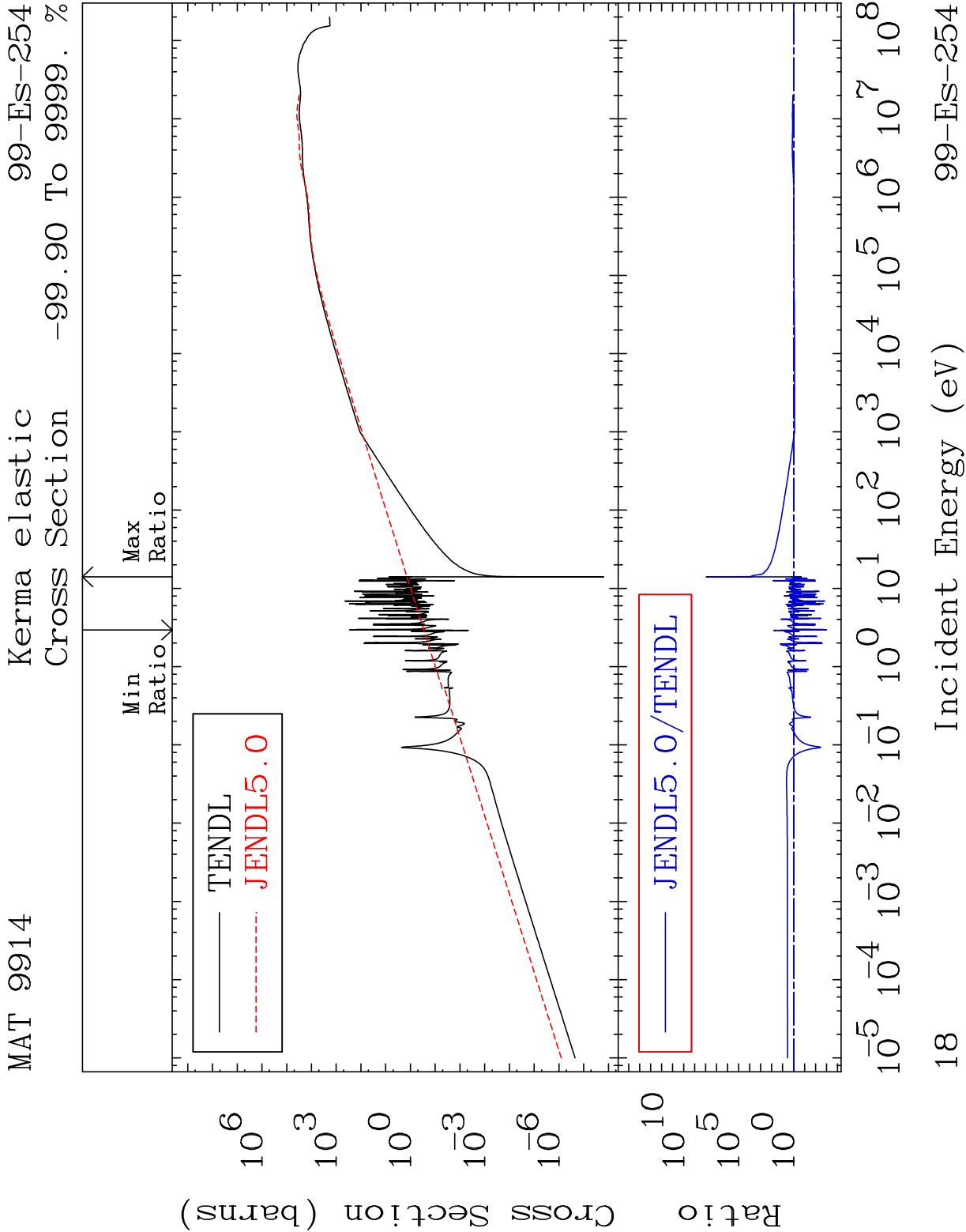




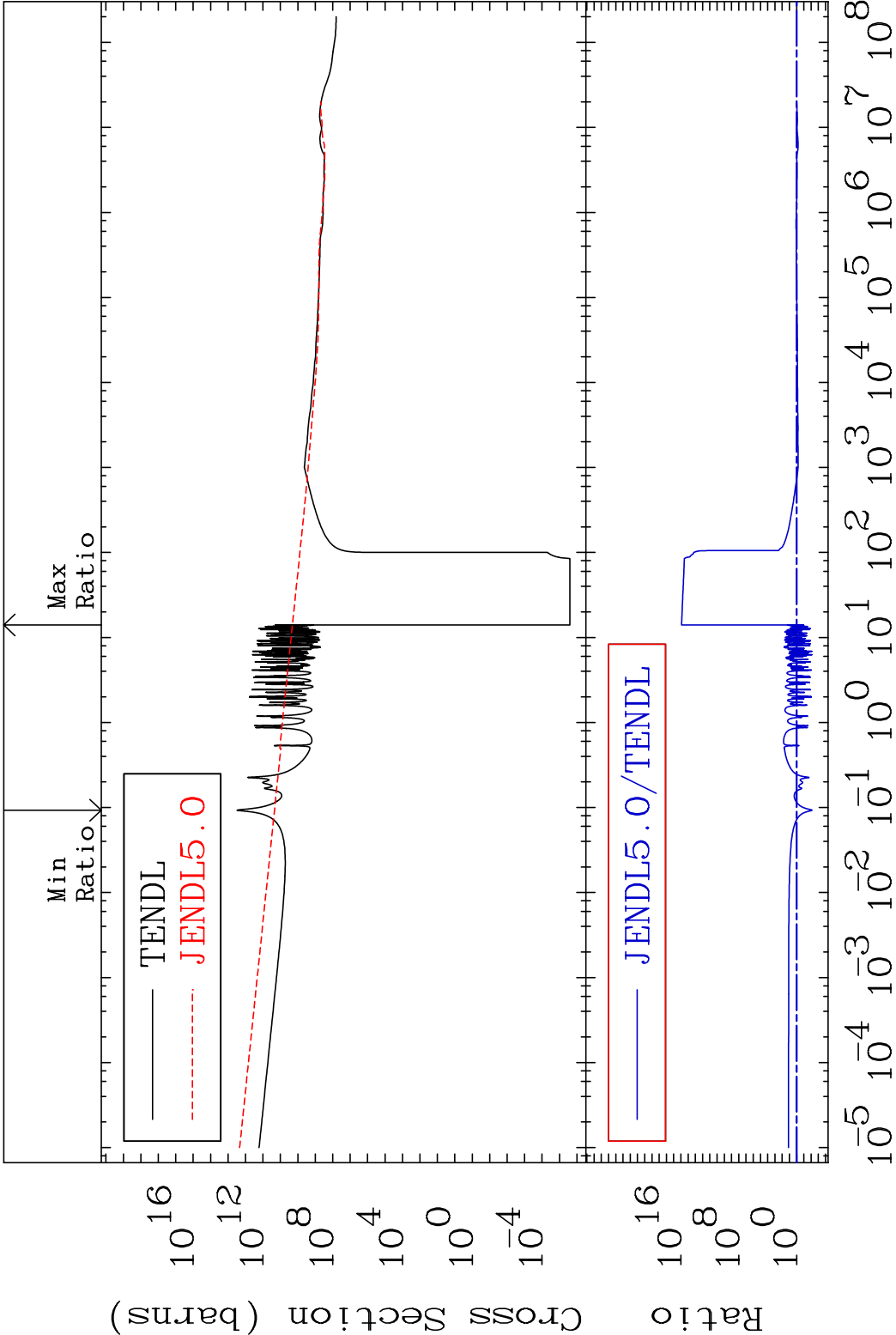


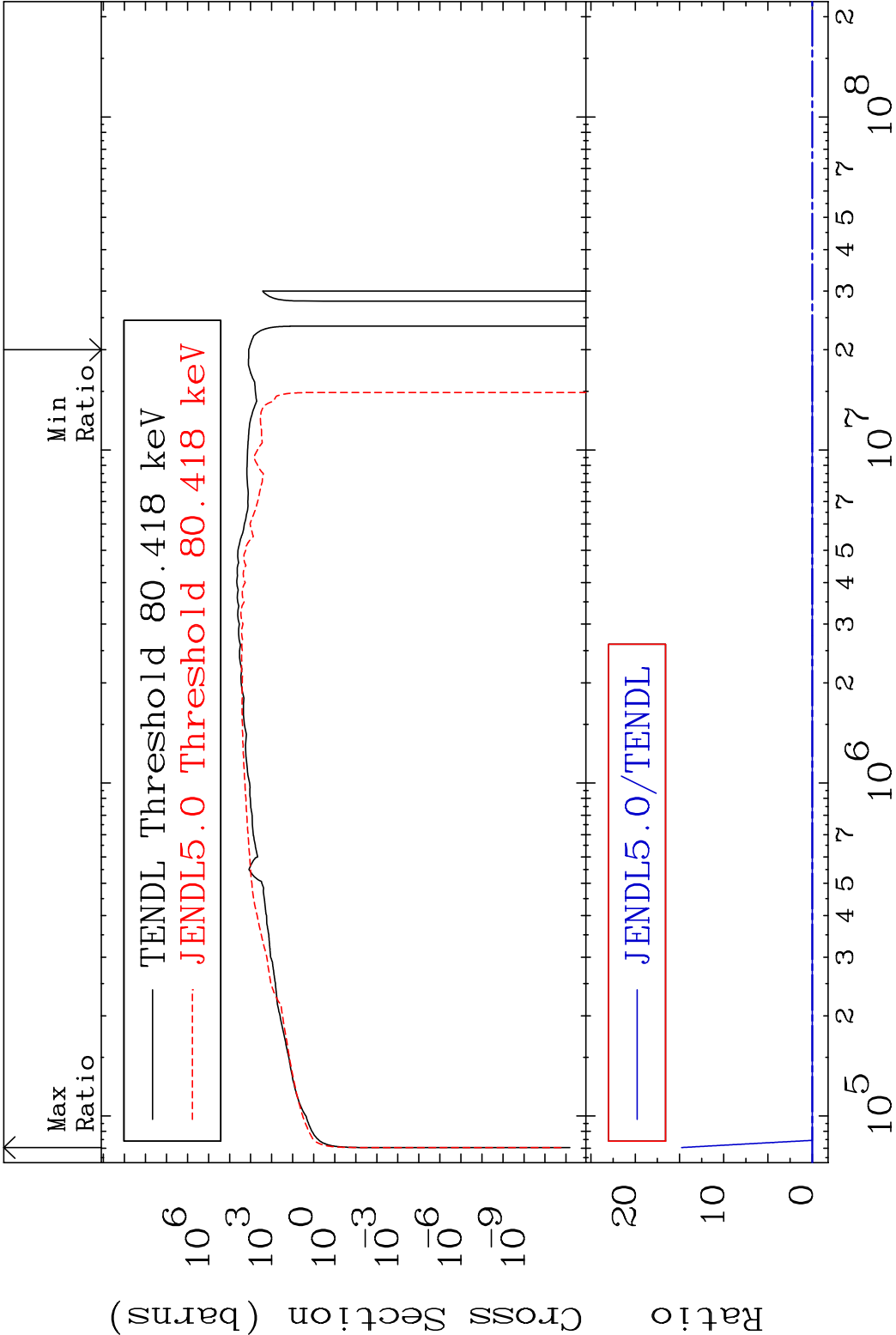
MAT 9914 Kerma total (eV-barns) 99-Es-254
Cross Section -99.31 To 9999. %





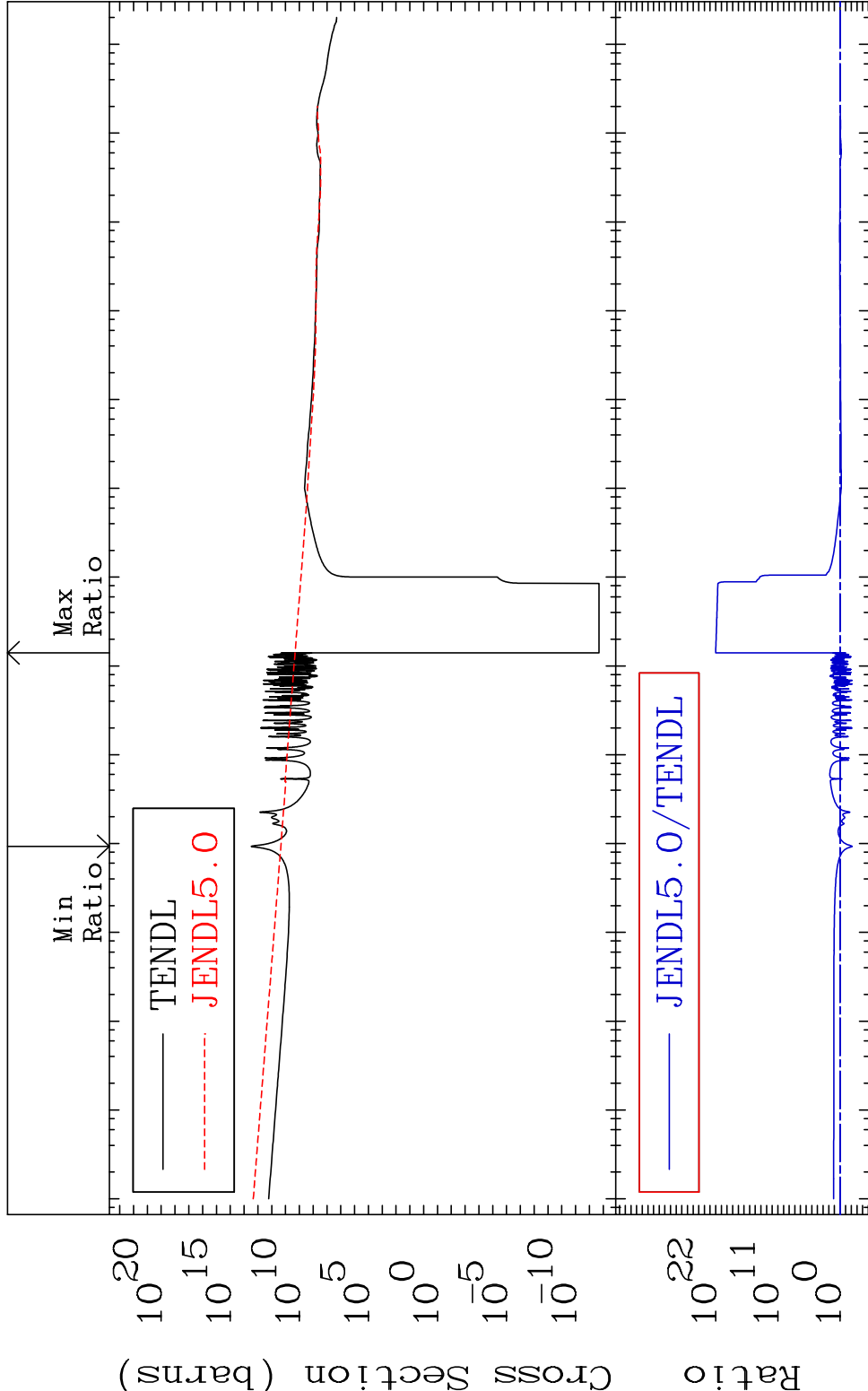
MAT 9914 Kerma non-elastic (all but mt2) 99-Es-254
Cross Section -99.31 To 9999. %



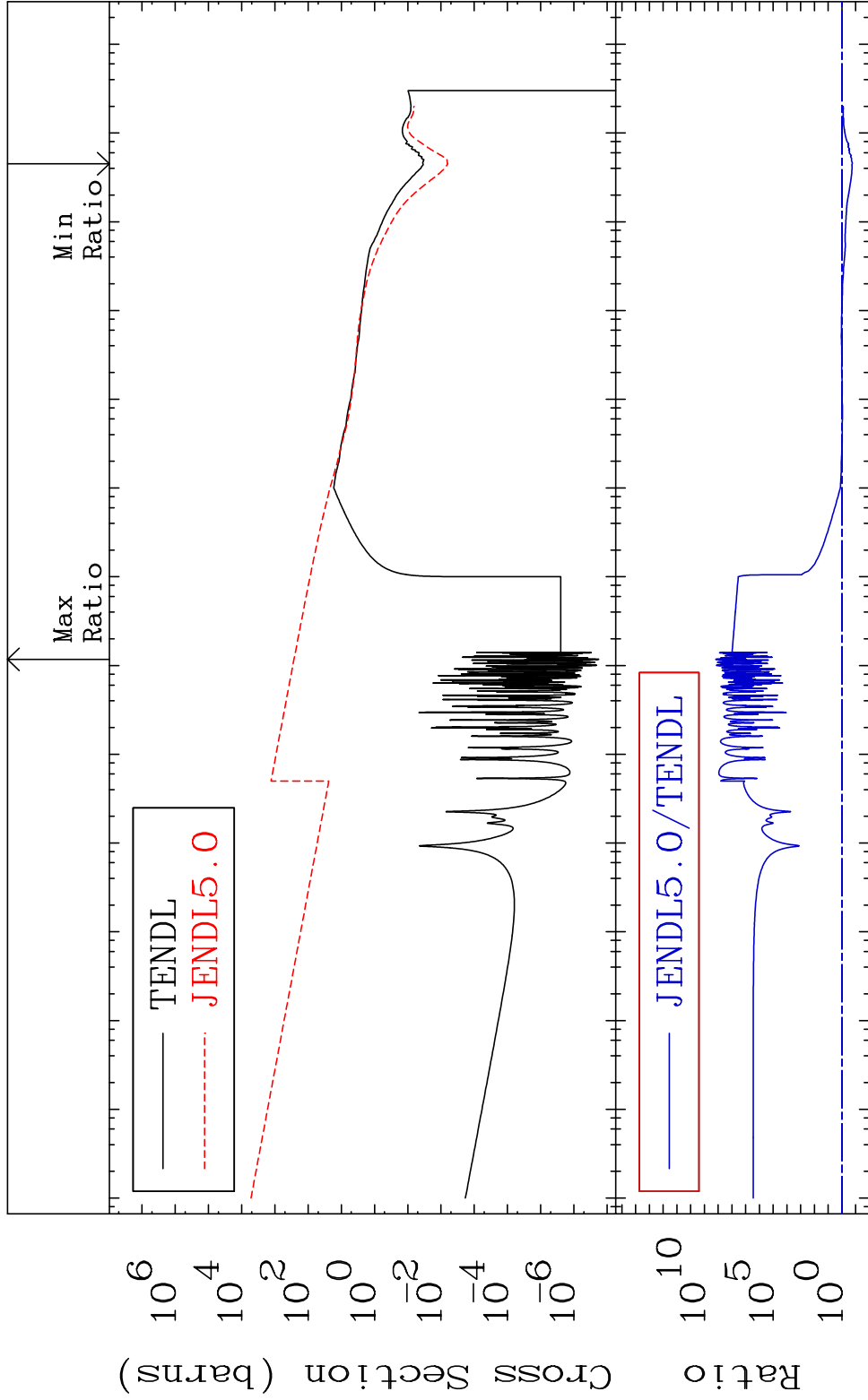


MAT 9914 Kerma fission (mt18 or mt19-20-21-38) 99-Es-254

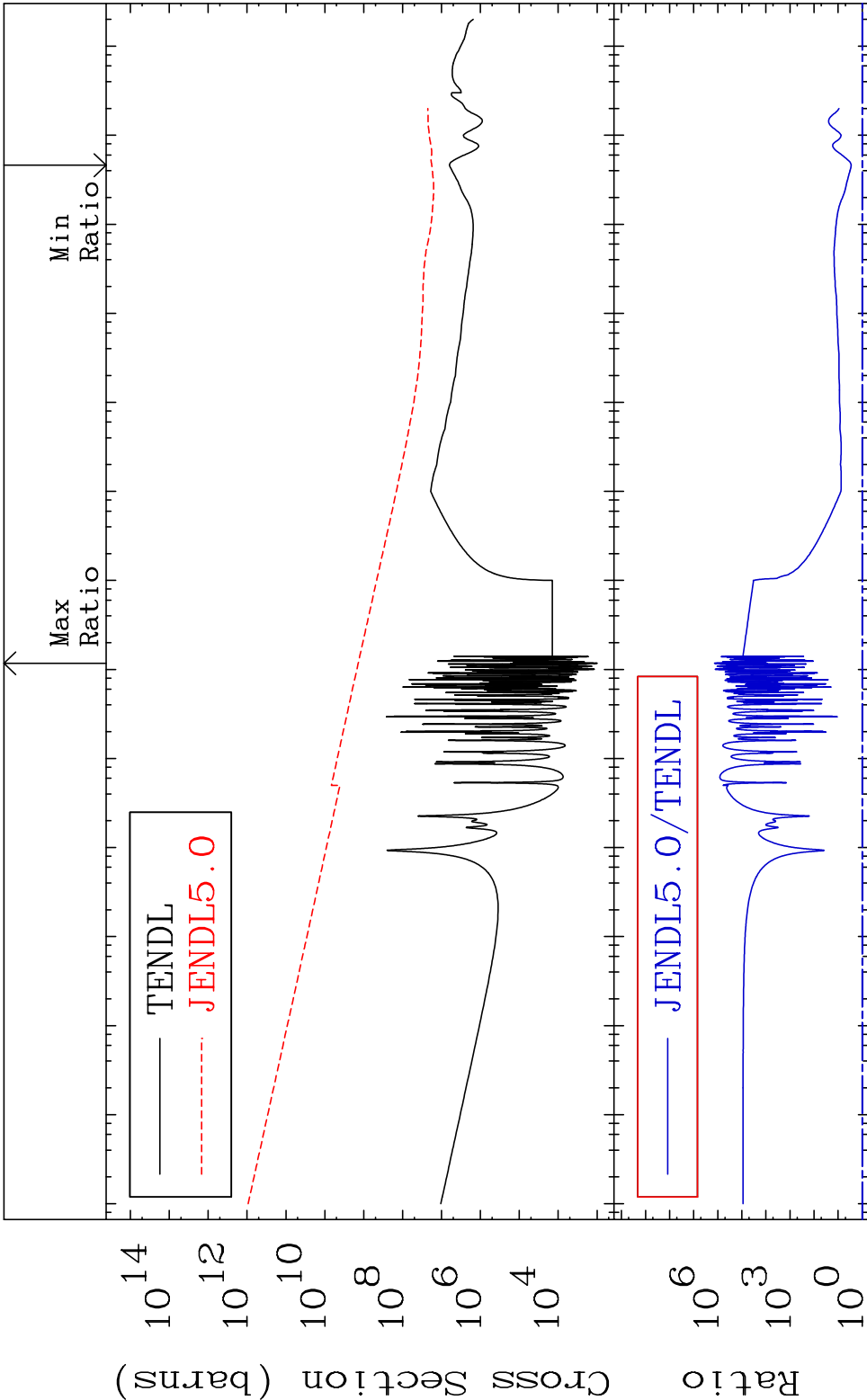
Cross Section -99.31 To 9999. %



21 Incident Energy (eV) 99-Es-254

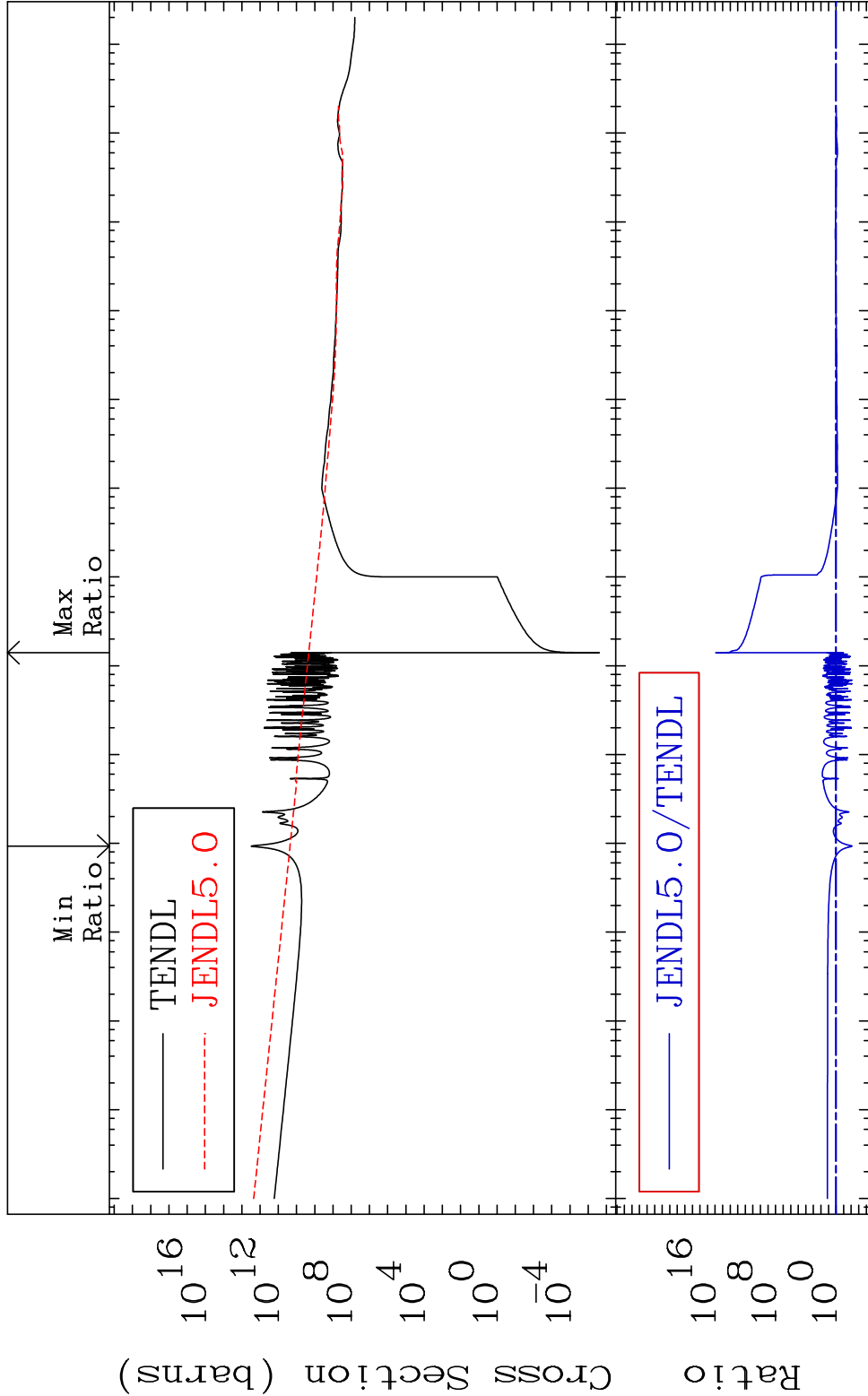


MAT 9914 Total photon (eV-barns) 99-Es-254
Cross Section 186.7 To 9999. %



MAT 9914 Total kinematic kerma (high limit) 99-Es-254

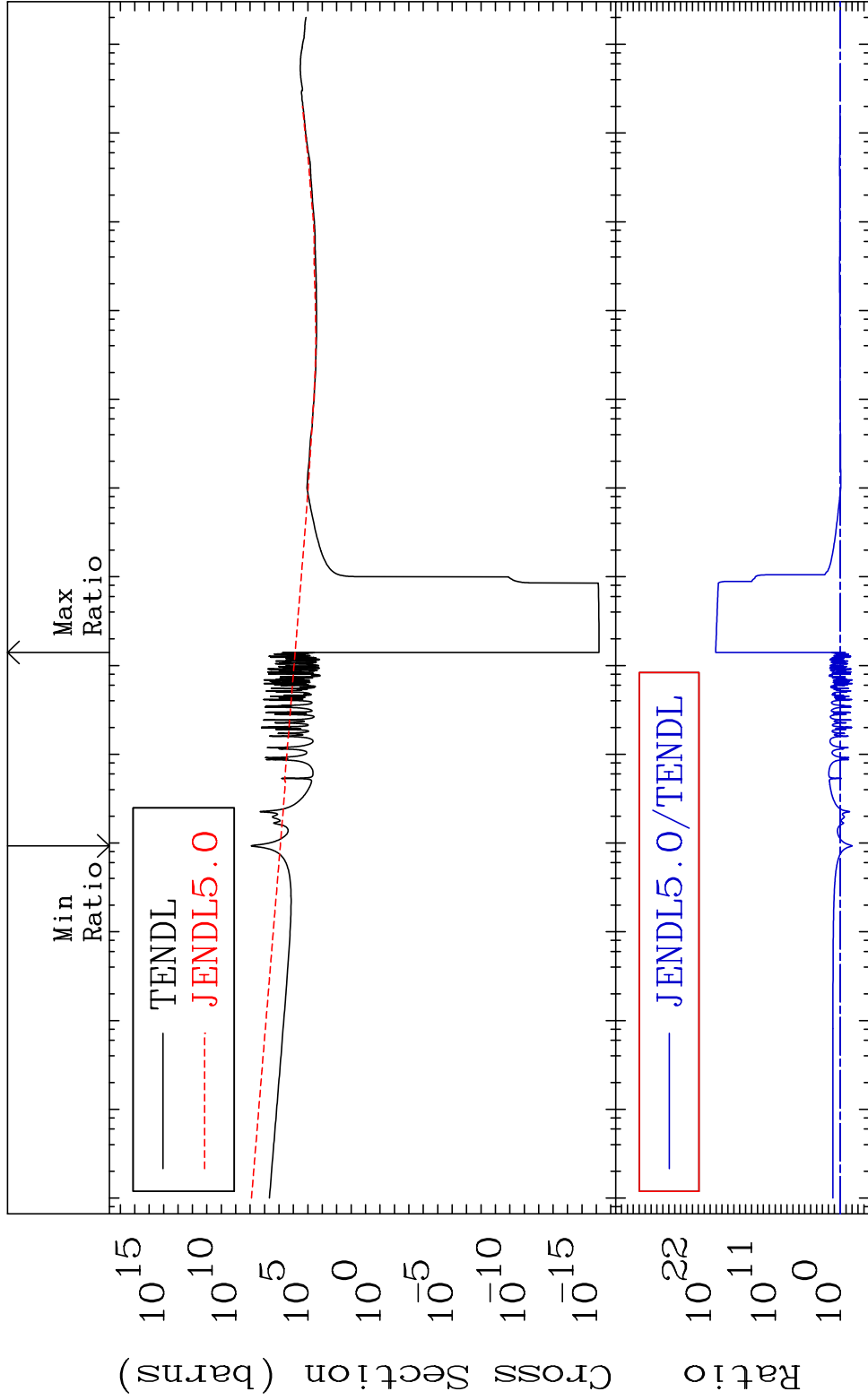
Cross Section -99.28 To 9999. %



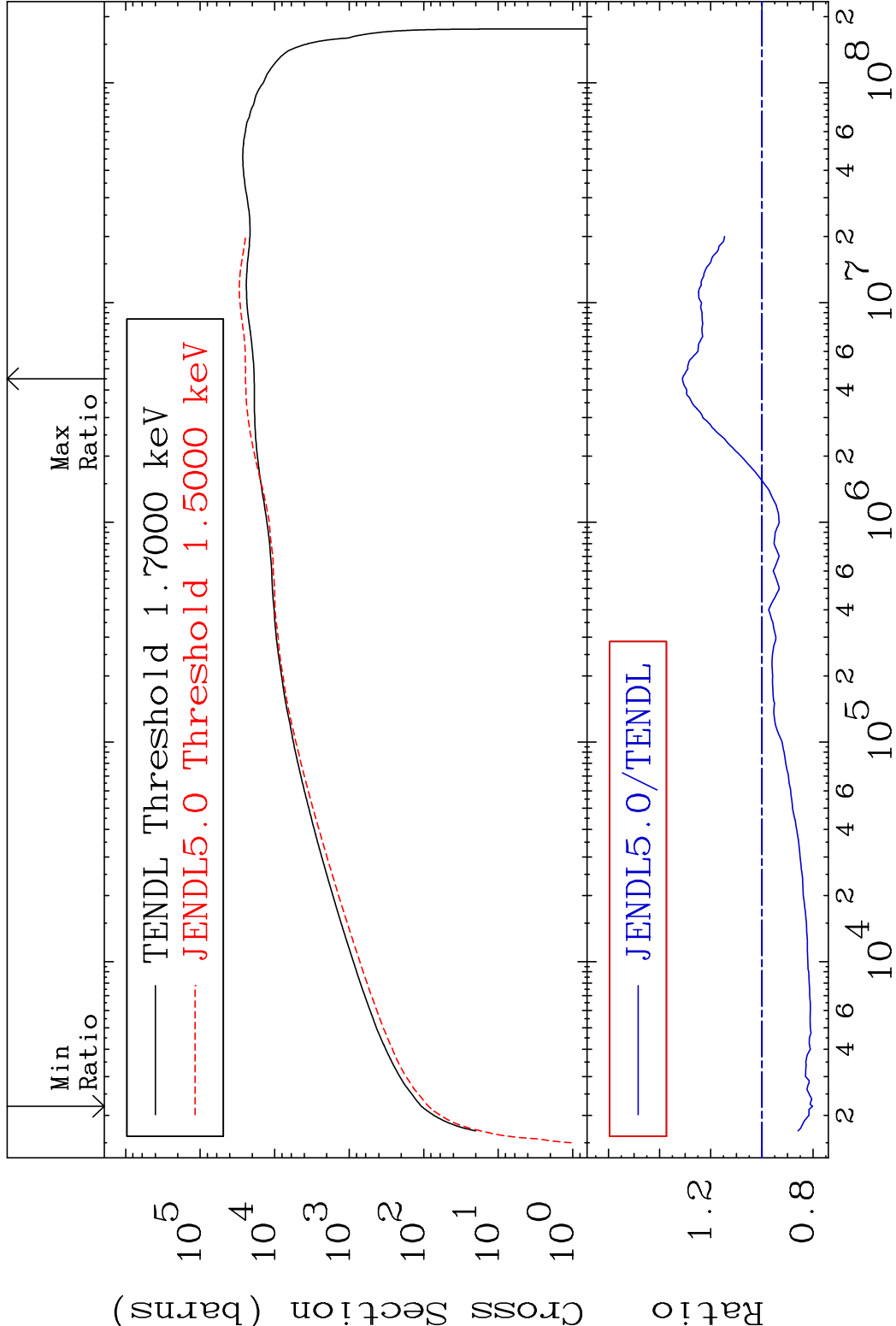
Ratio

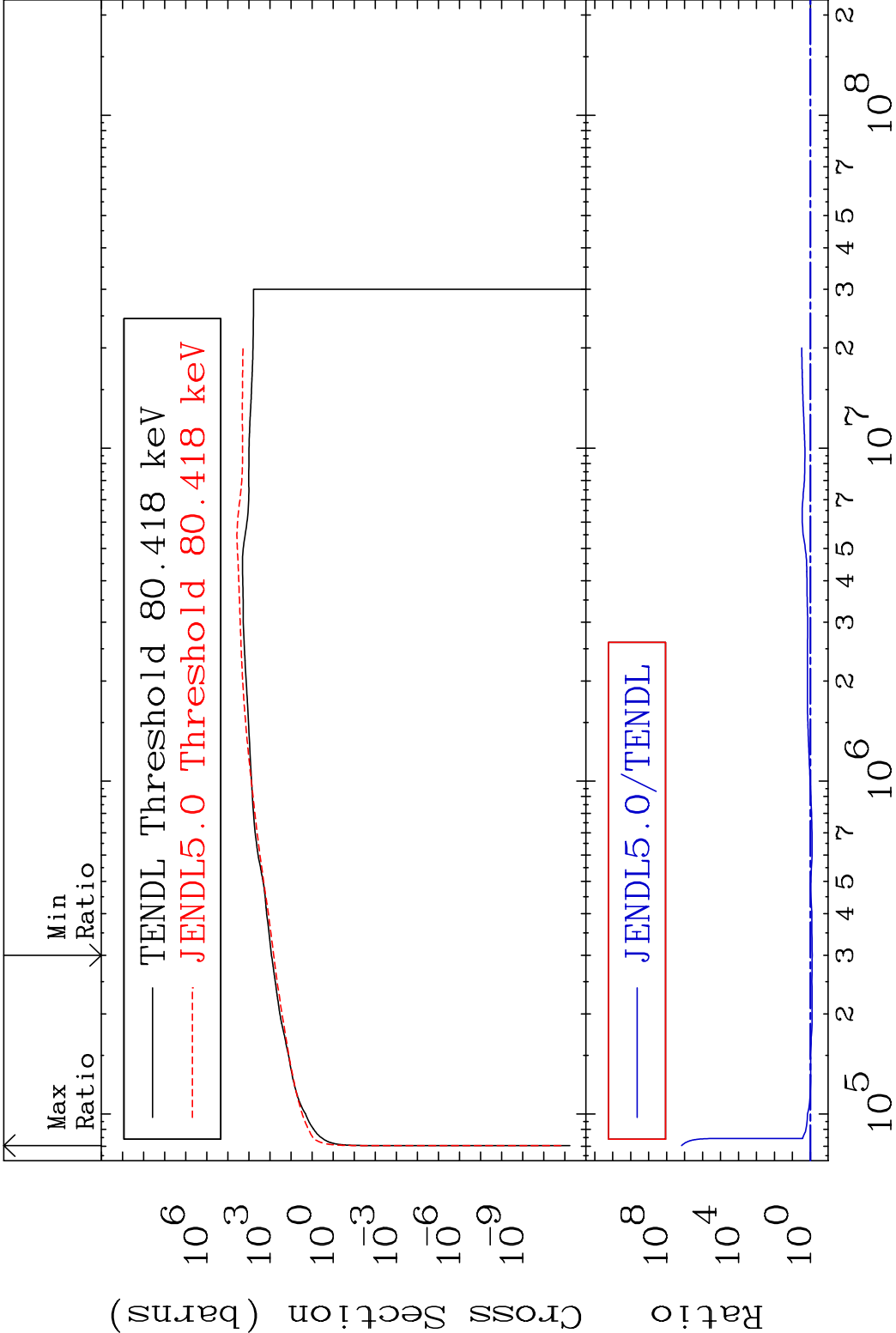
24 Incident Energy (eV) 99-Es-254

MAT 9914 Dpa total (eV-barns) 99-Es-254
Cross Section -99.06 To 9999. %

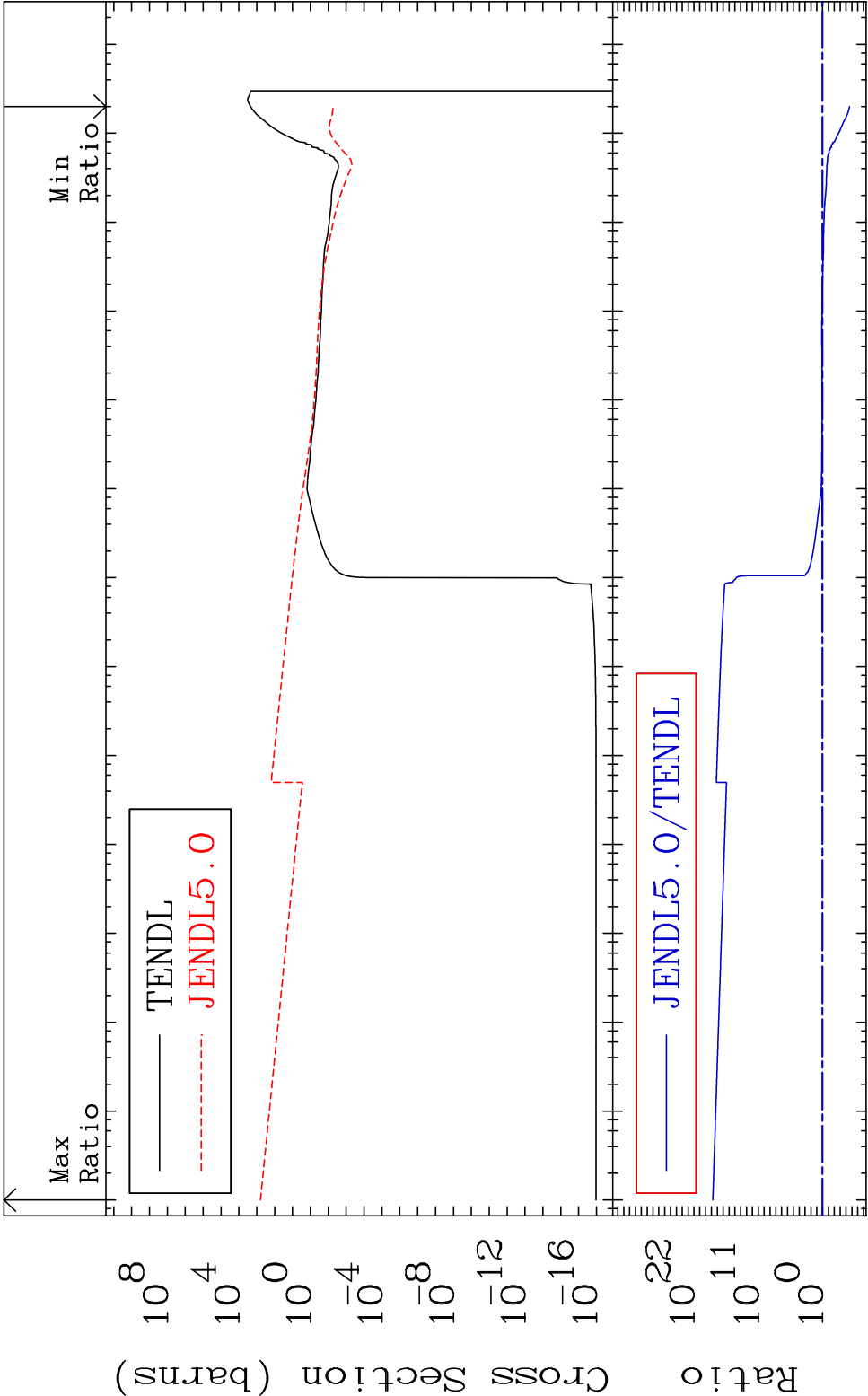


25 Incident Energy (eV) 99-Es-254





MAT 9914 Dpa disappearance (mt102 -120) 99-Es-254
Cross Section -100.0 To 9999. %



28 Incident Energy (eV) 99-Es-254

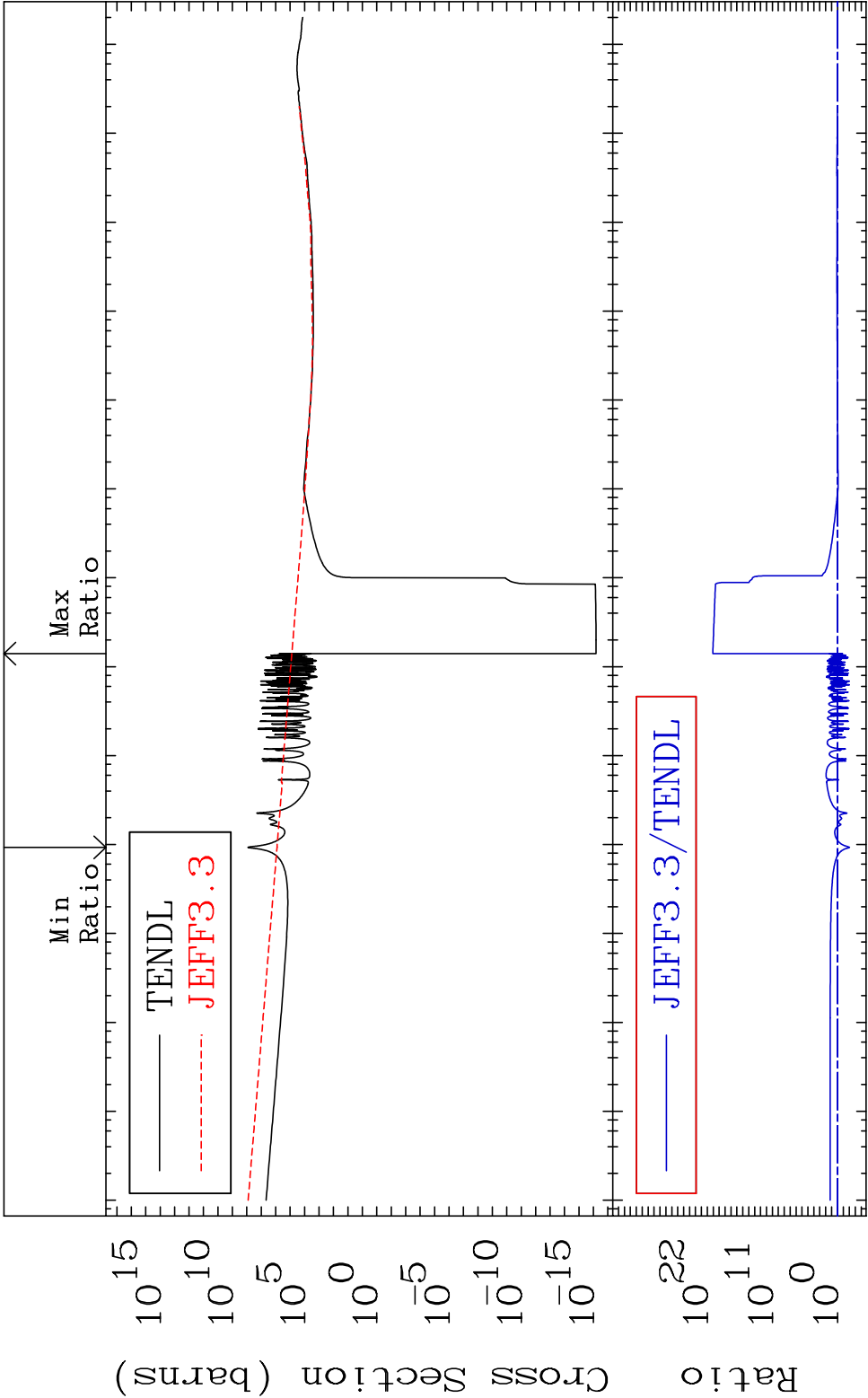
MAT 9914

Dpa total (eV-barns)

99-Es-254

Cross Section

-99.06 To 9999. %



Ratio

10²²

10¹¹

10⁰

10⁻⁵

10⁻⁴

10⁻³

10⁻²

10⁻¹

10⁰

10¹

10²

10³

10⁴

10⁵

10⁶

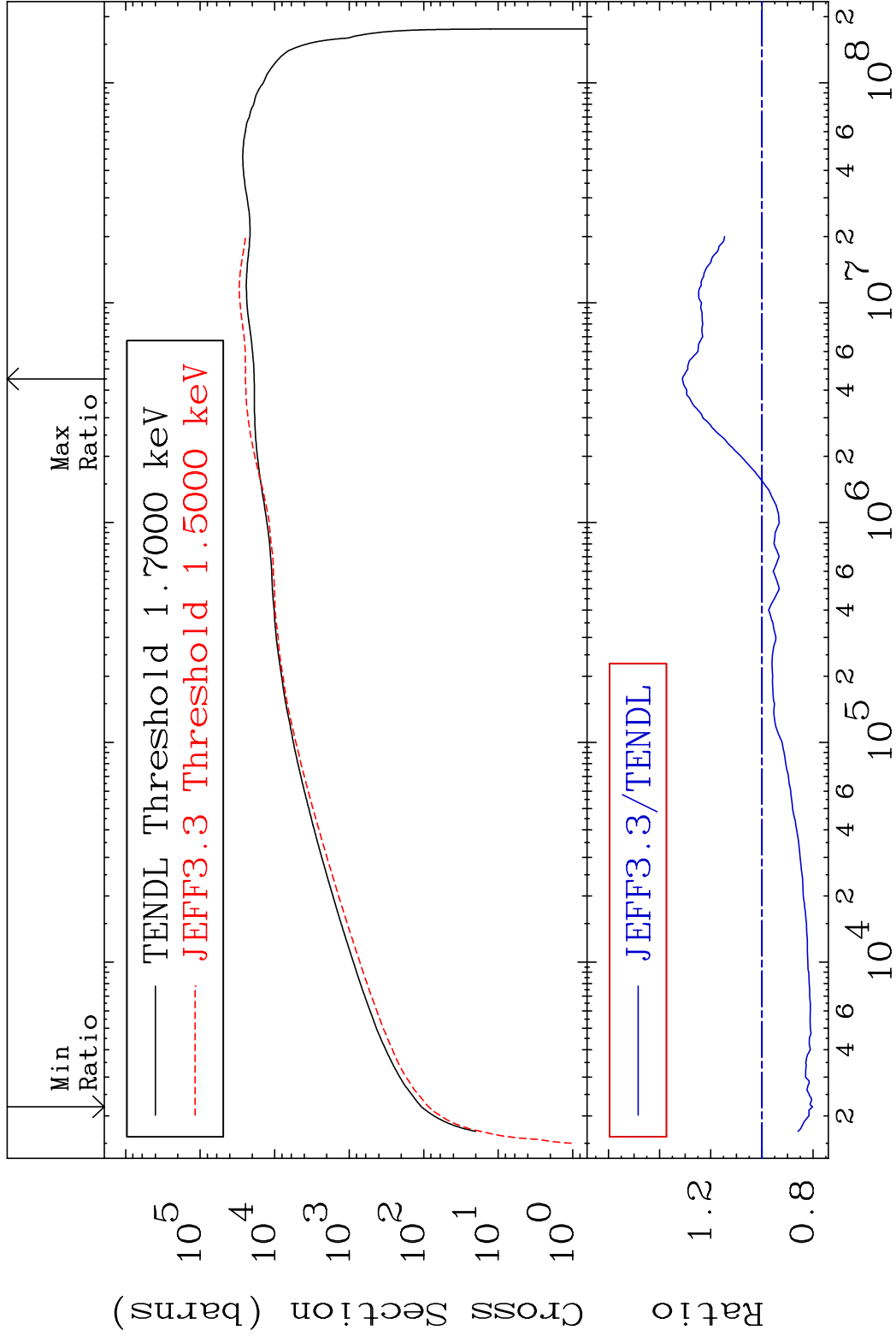
10⁷

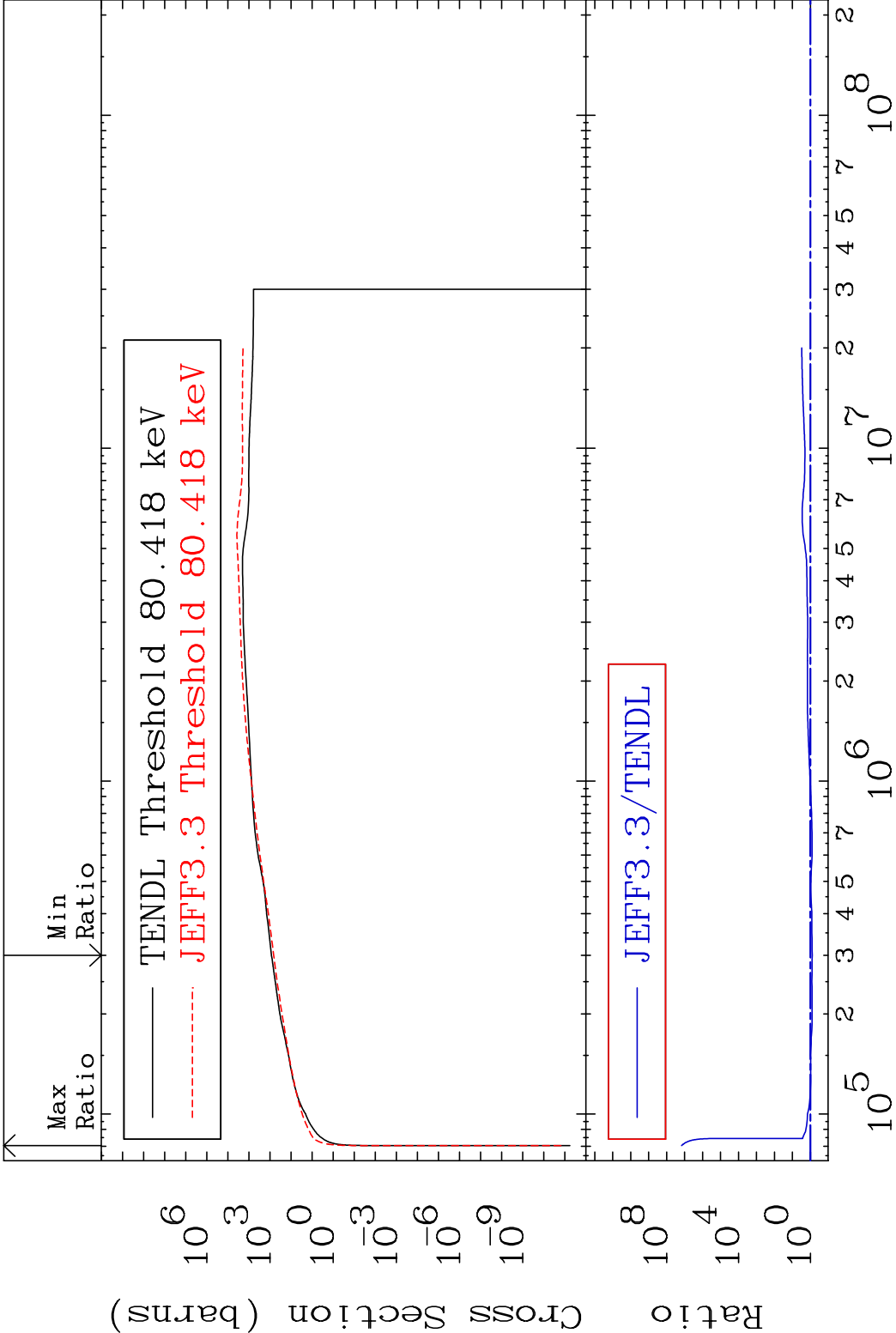
10⁸

29

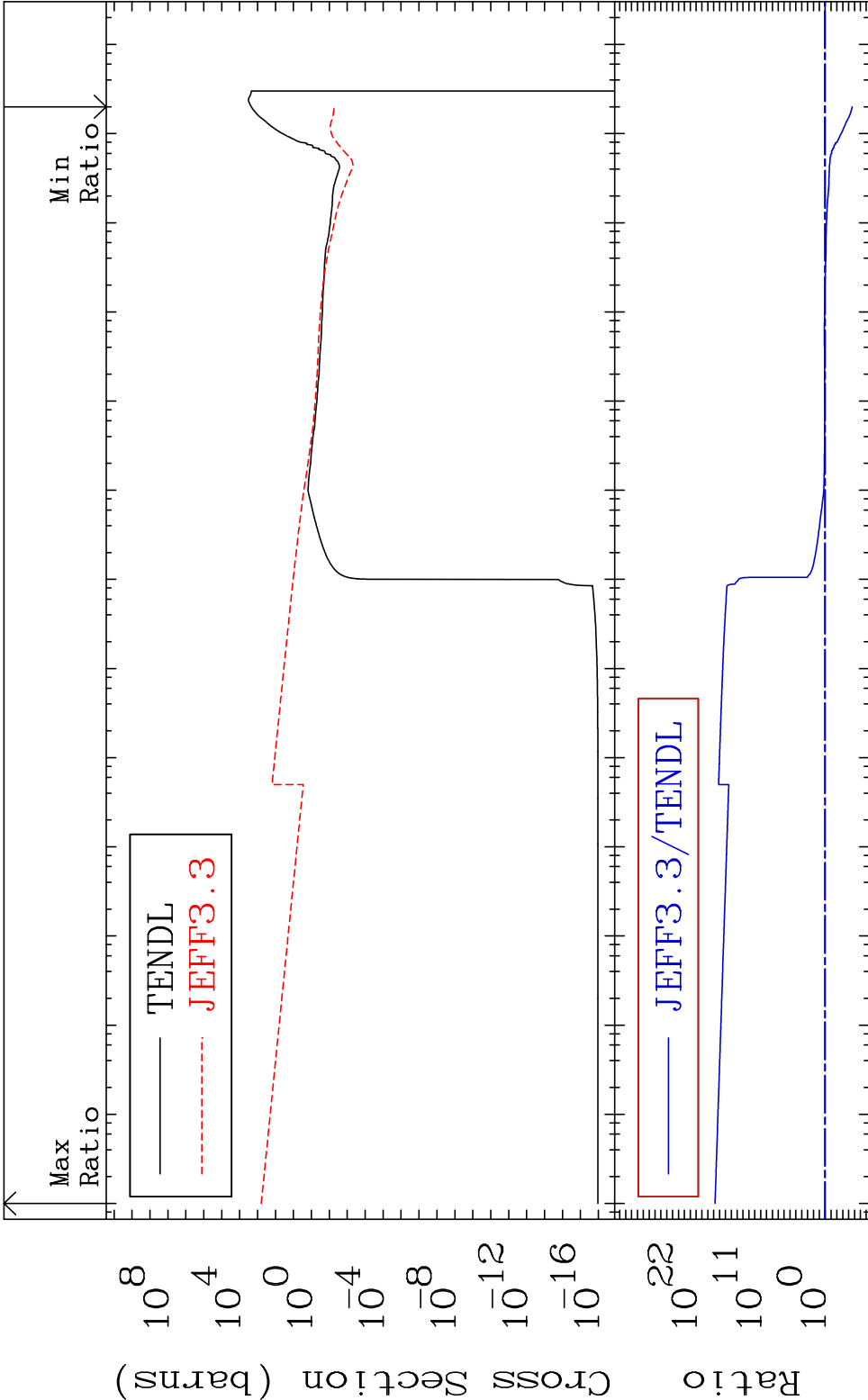
Incident Energy (eV)

99-Es-254





MAT 9914 Dpa disappearance (mt102 -120) 99-Es-254
Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 99-Es-254