

Program Complot
(Version 2021-1)

by

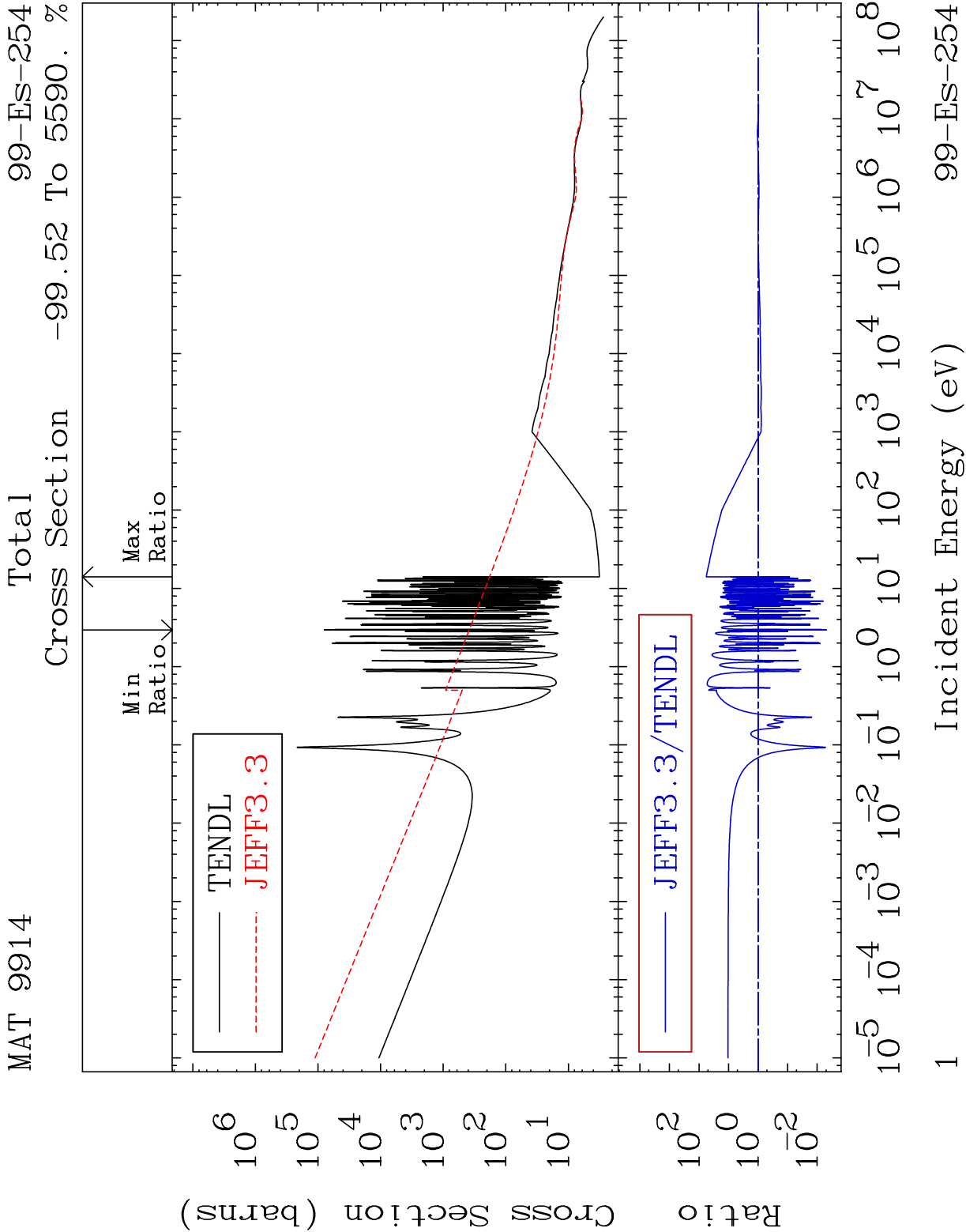
Dermott E. Cullen
(Present Contact Information)

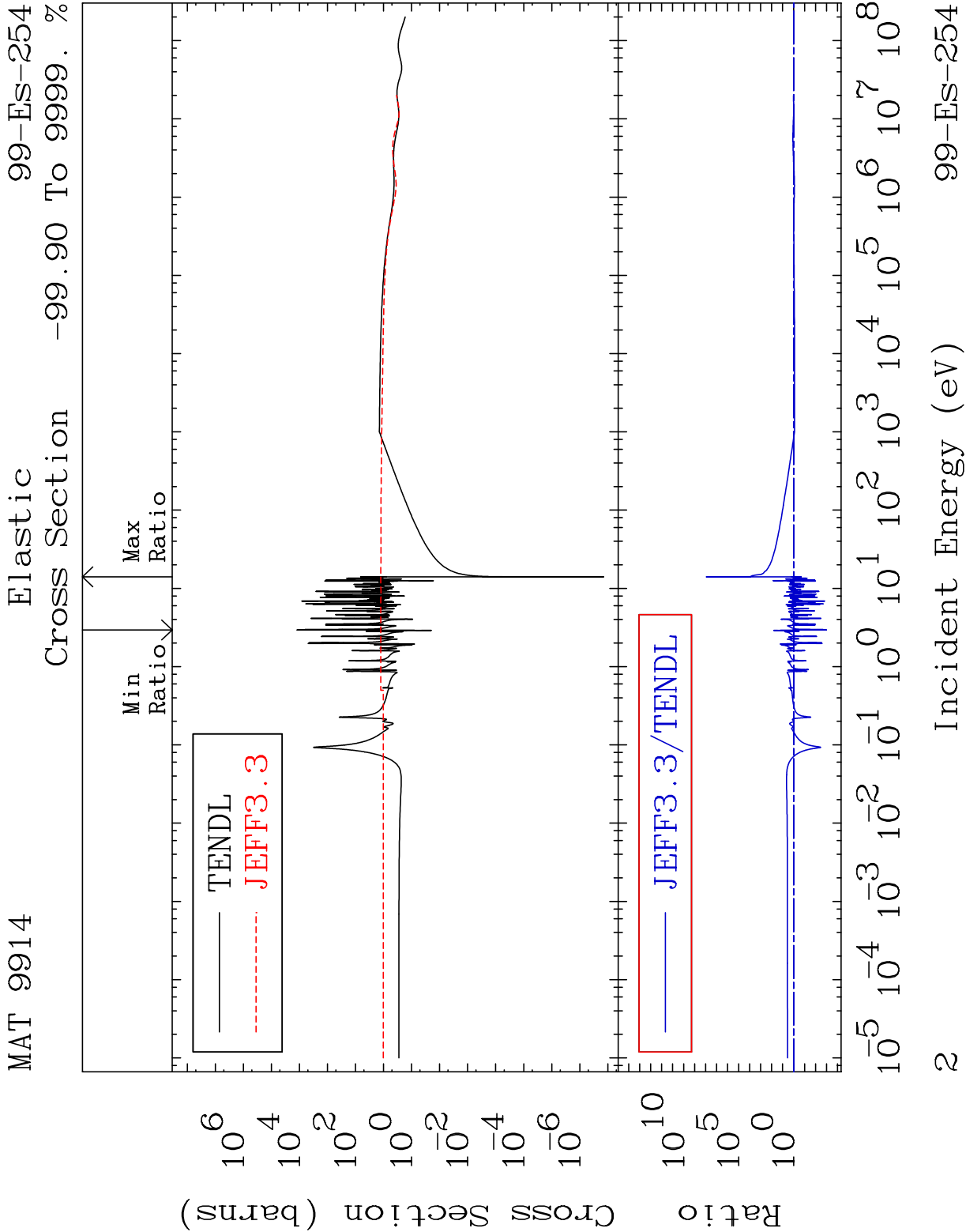
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Press Mouse Button to Start



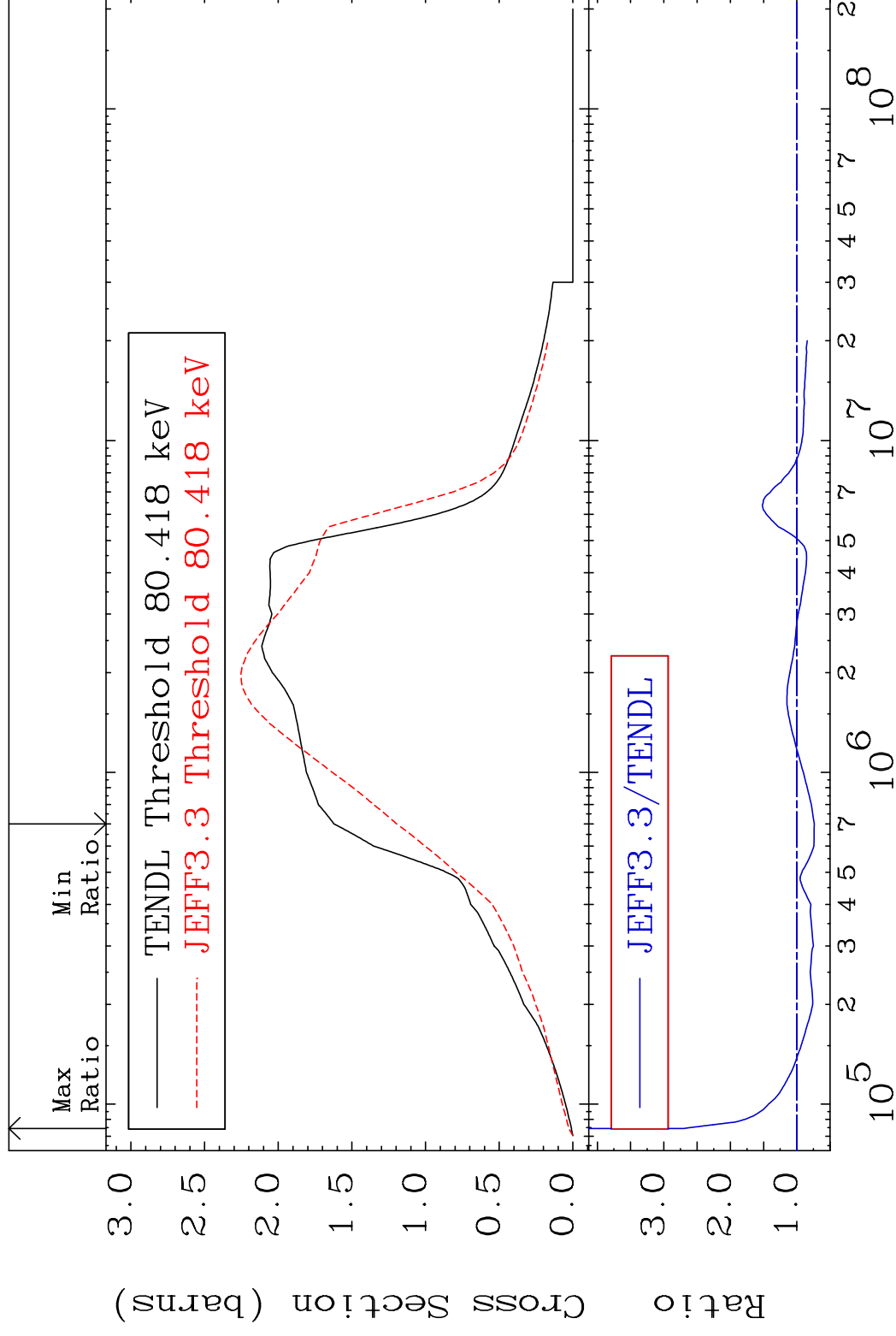


MAT 9914

Inelastic

99-ES-254

Cross Section	-26.22	To	169.6 %
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3

Incident Energy (eV)

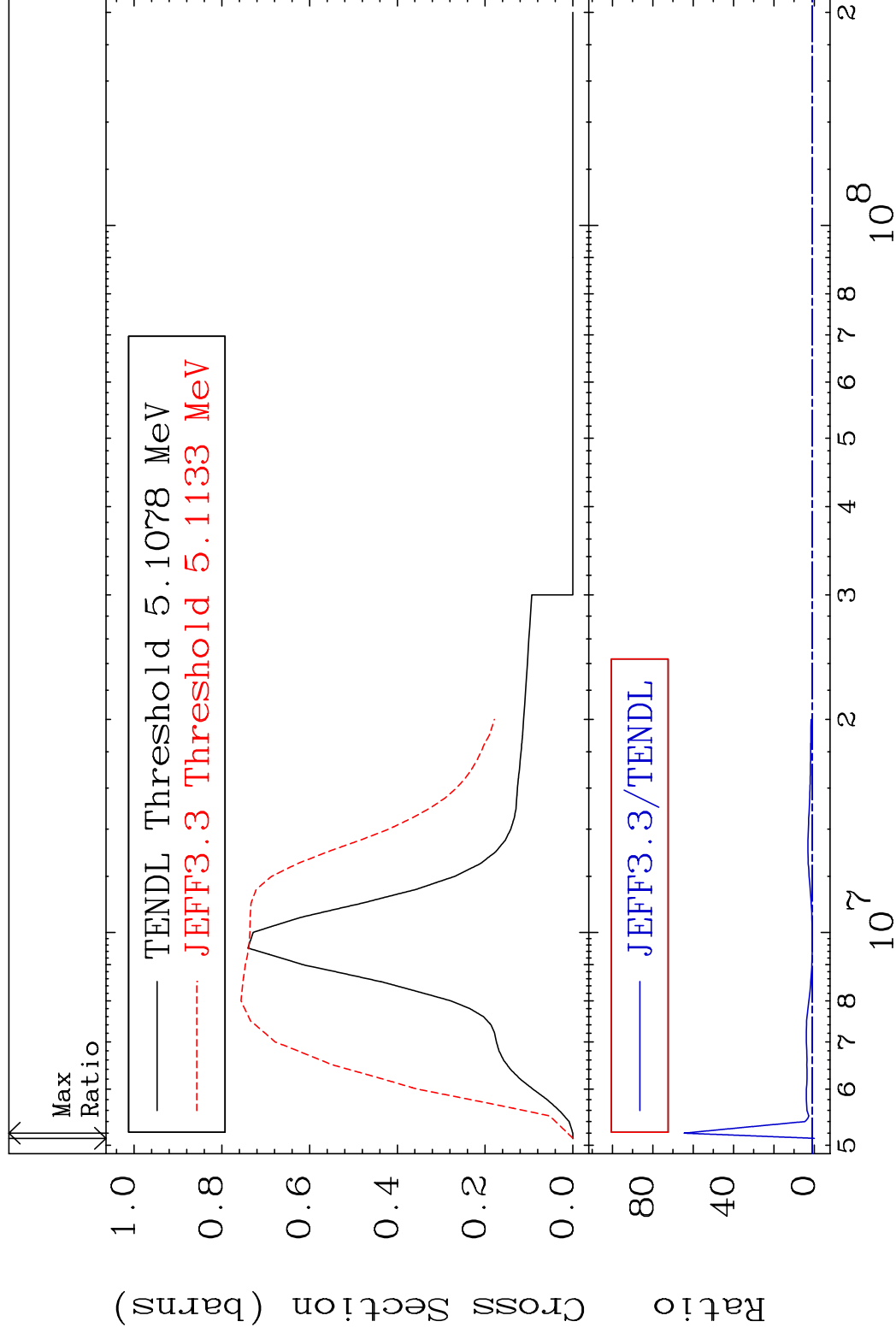
99-ES-254

MAT 9914

$$(n, 2n)$$

99-ES-254

Cross Section -100.0 To 6352. %



TENDL Threshold 5.1078 MeV

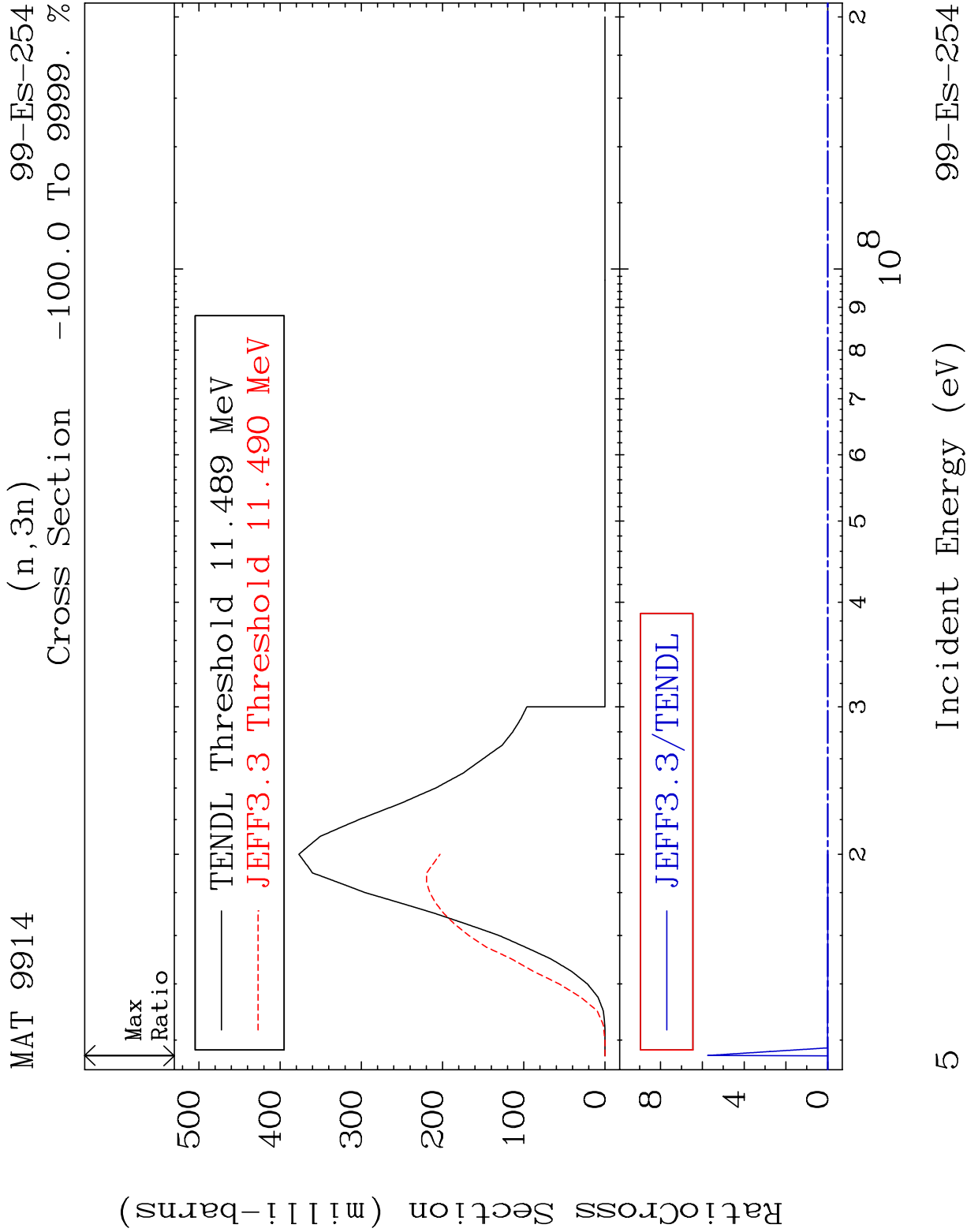
JEF3.3 Threshold 5.1133 MeV

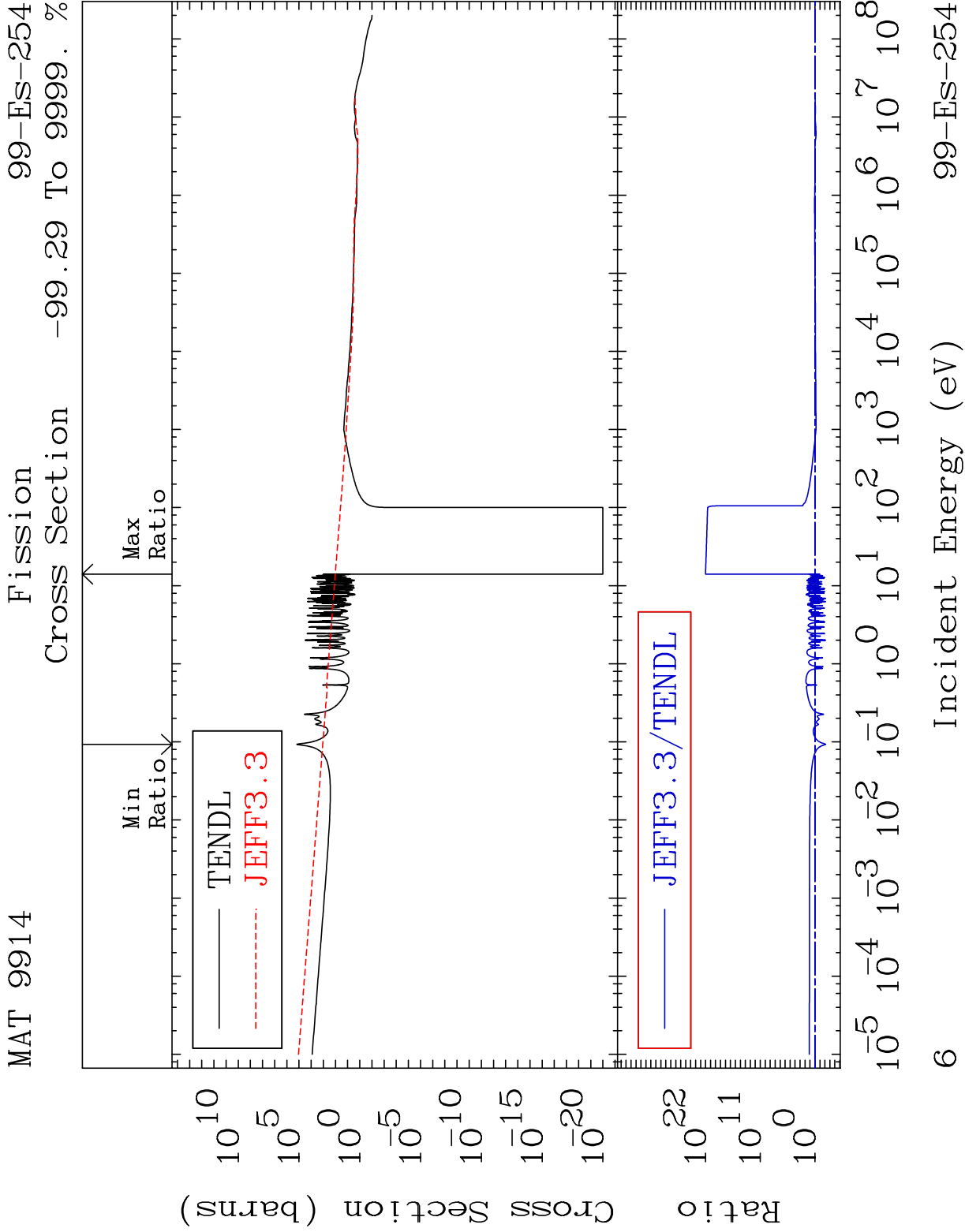
JEFF3.3/TENDL

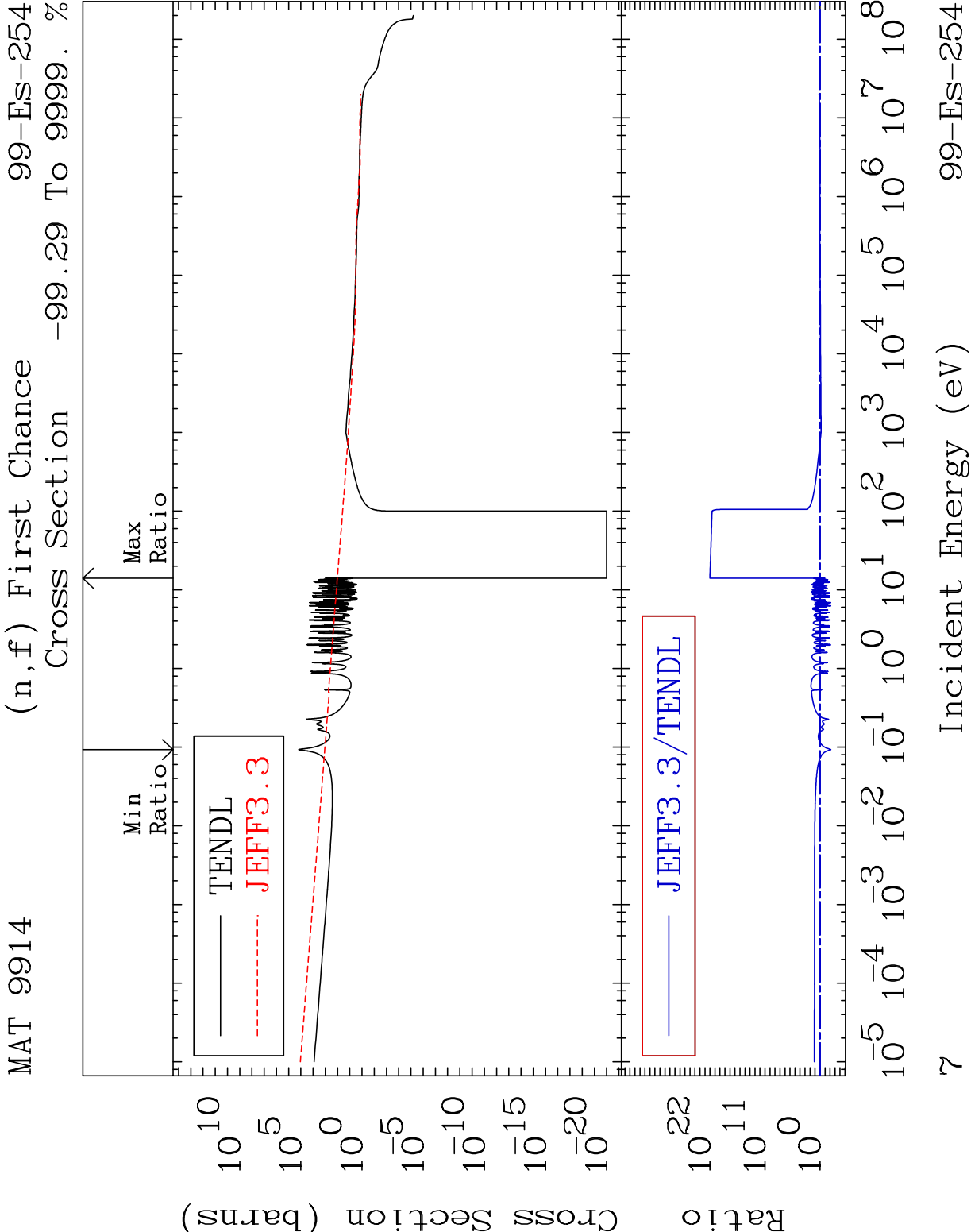
4

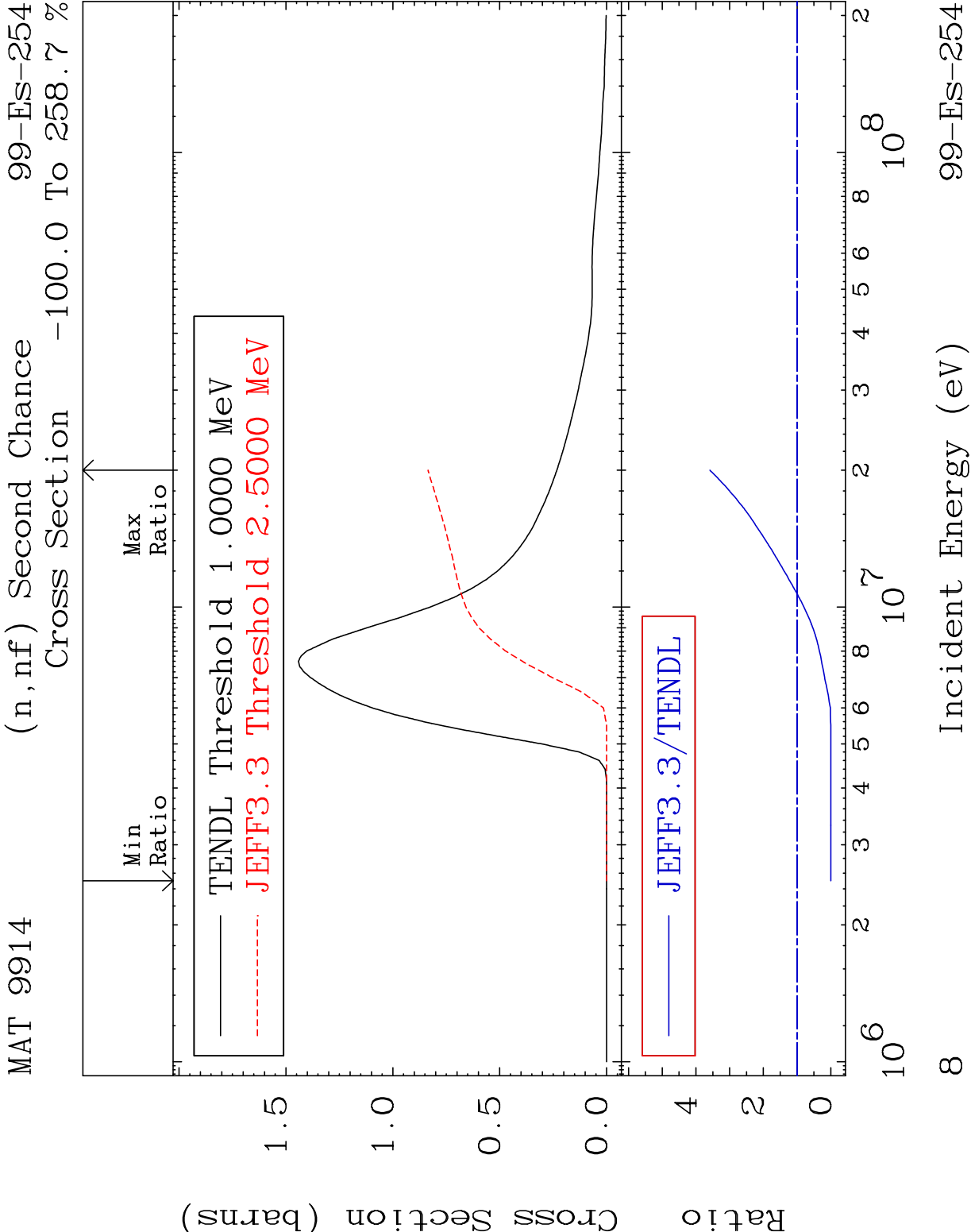
Incident Energy (eV)

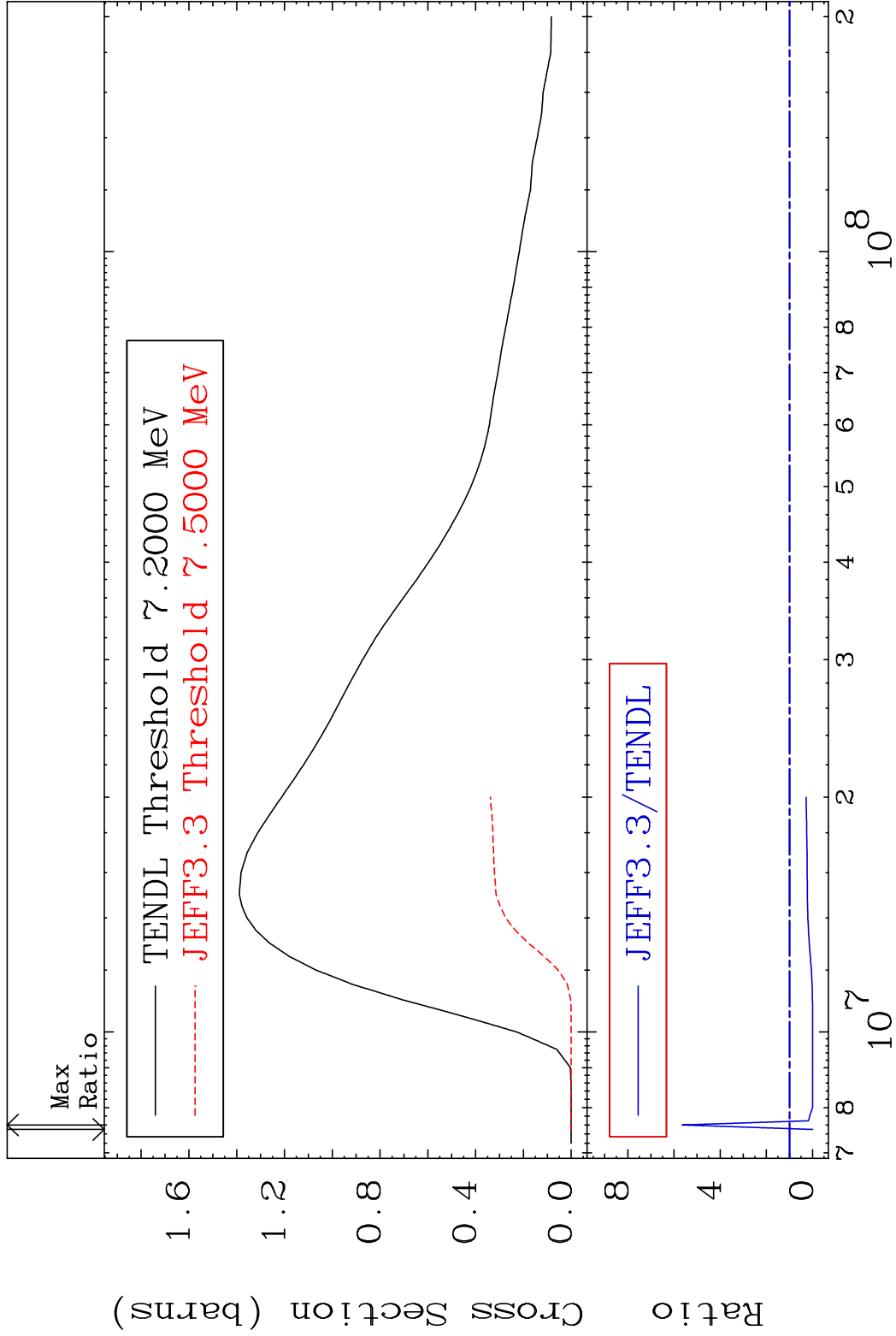
99-ES-254

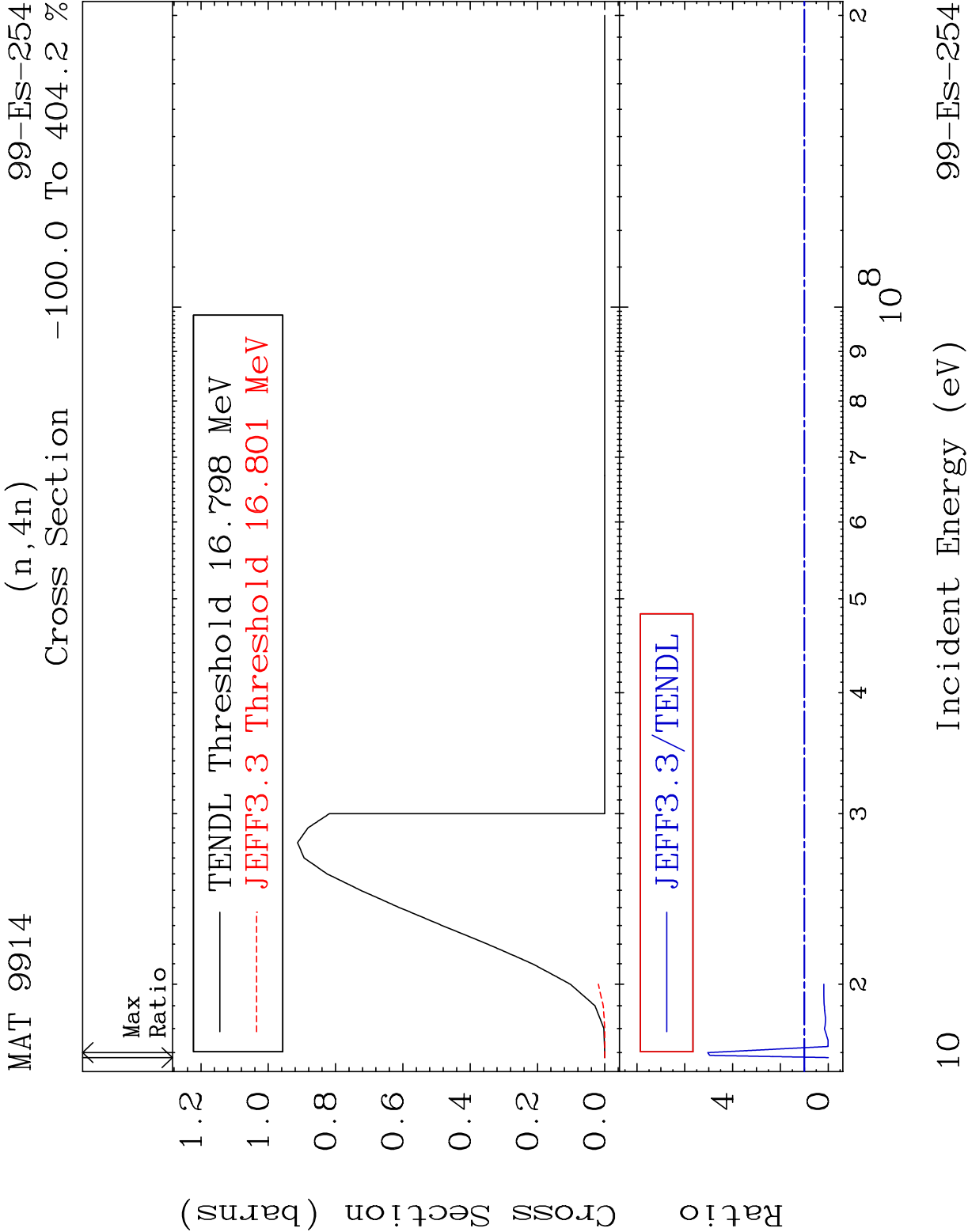


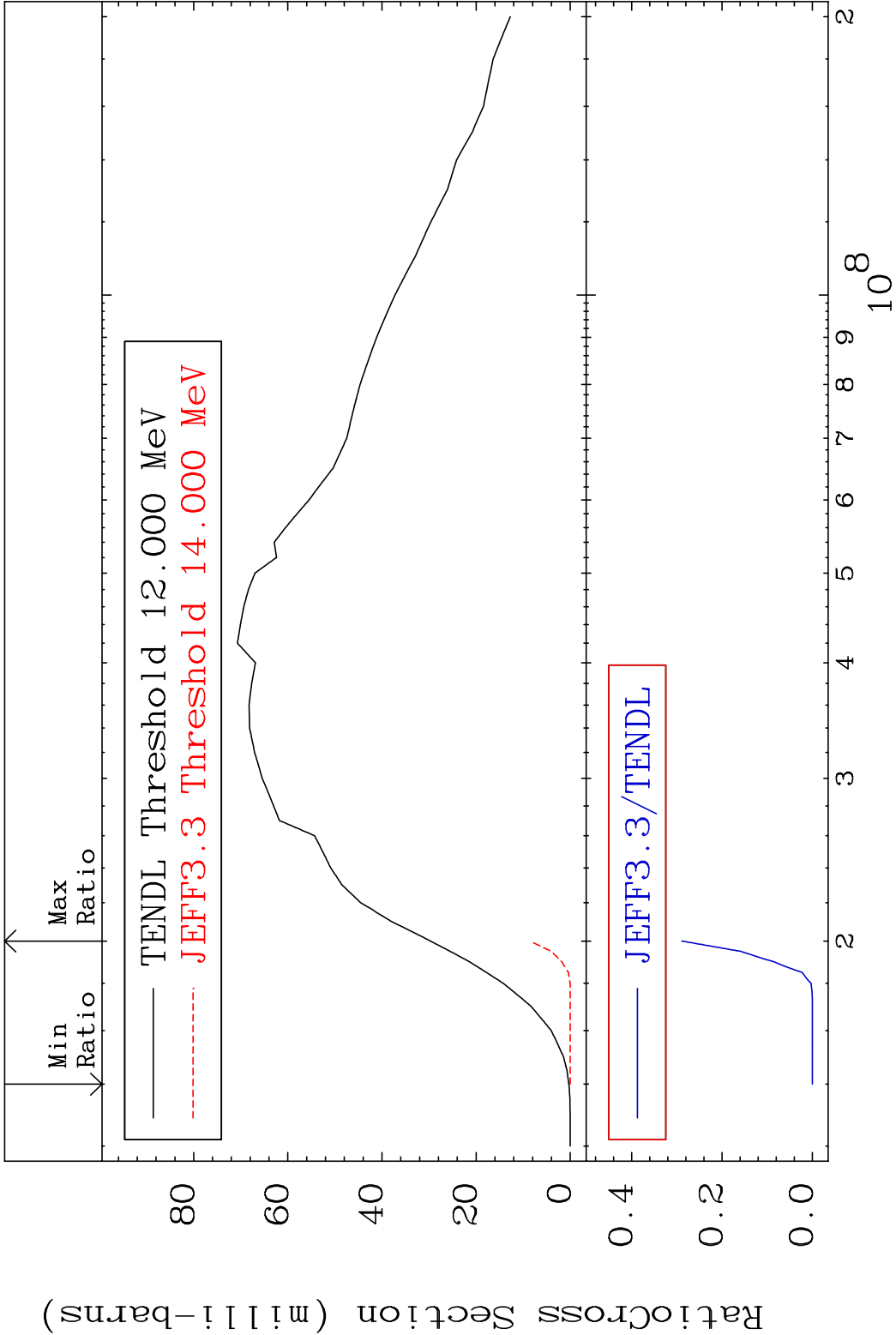




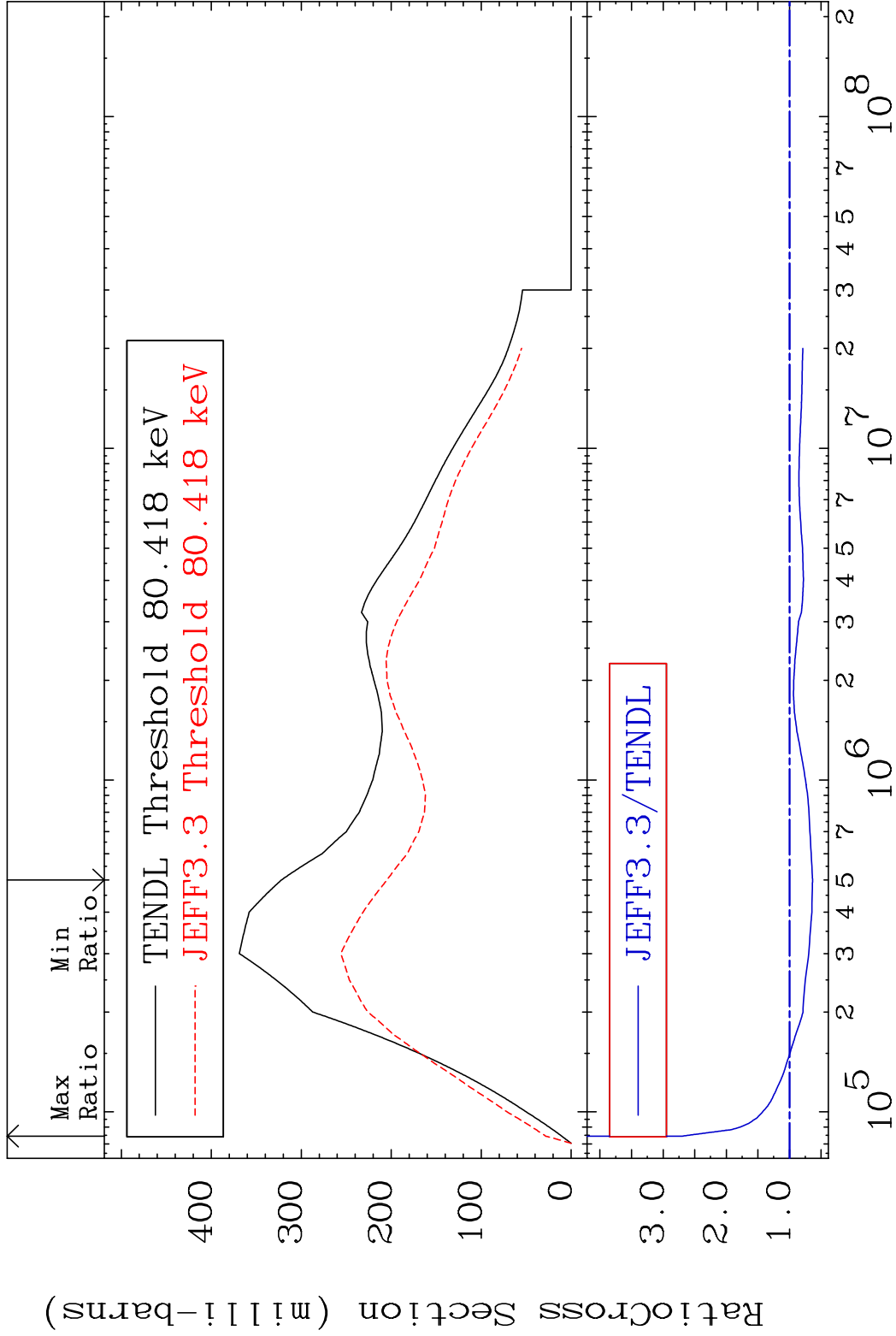








MAT 9914 MT= 51 (n,n') Level 99-Es-254
Cross Section -36.45 To 169.6 %



12 Incident Energy (eV) 99-Es-254

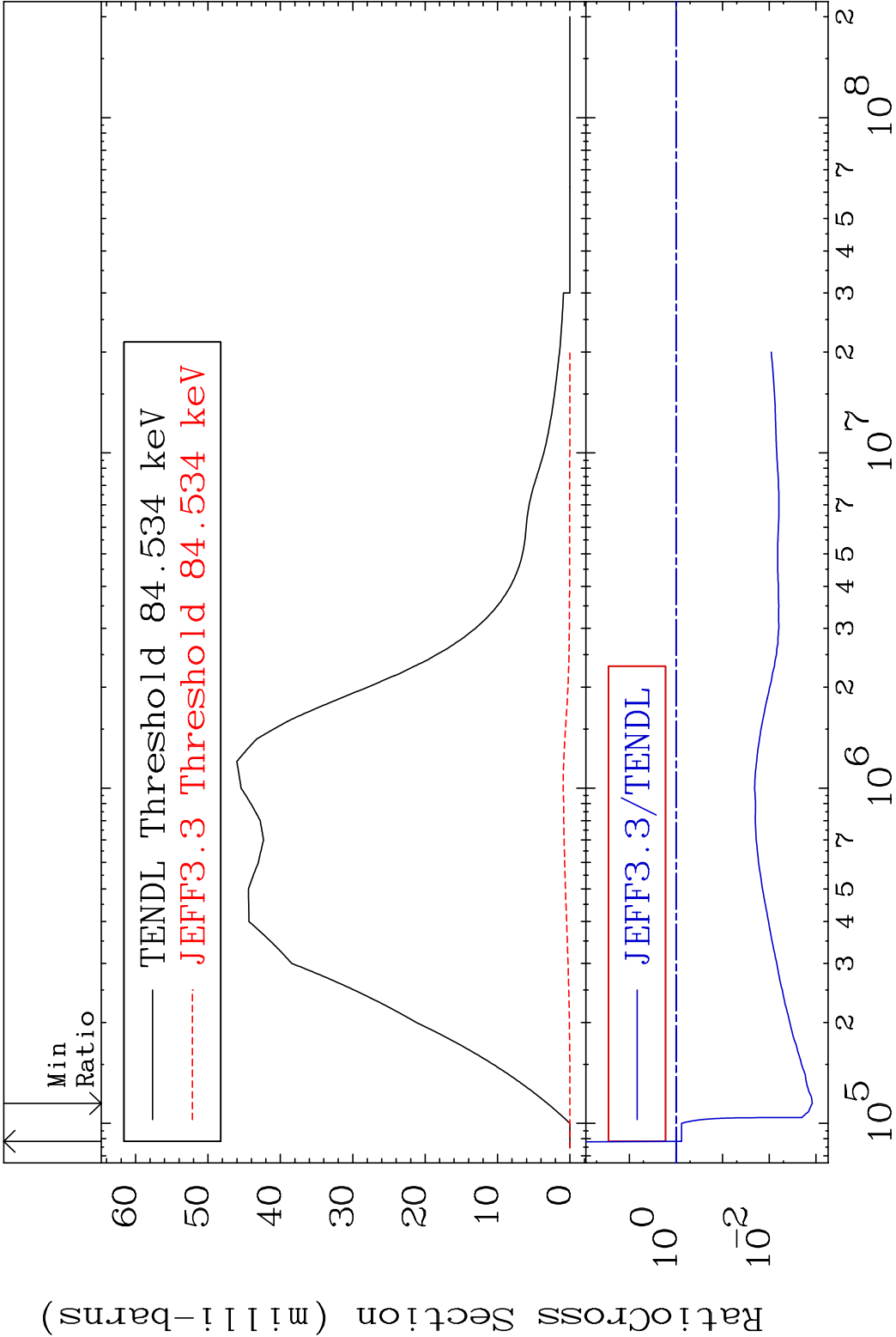
MAT 9914

MT= 52 (n,n') Level

99-Es-254

Cross Section

-99.88 To -23.88%

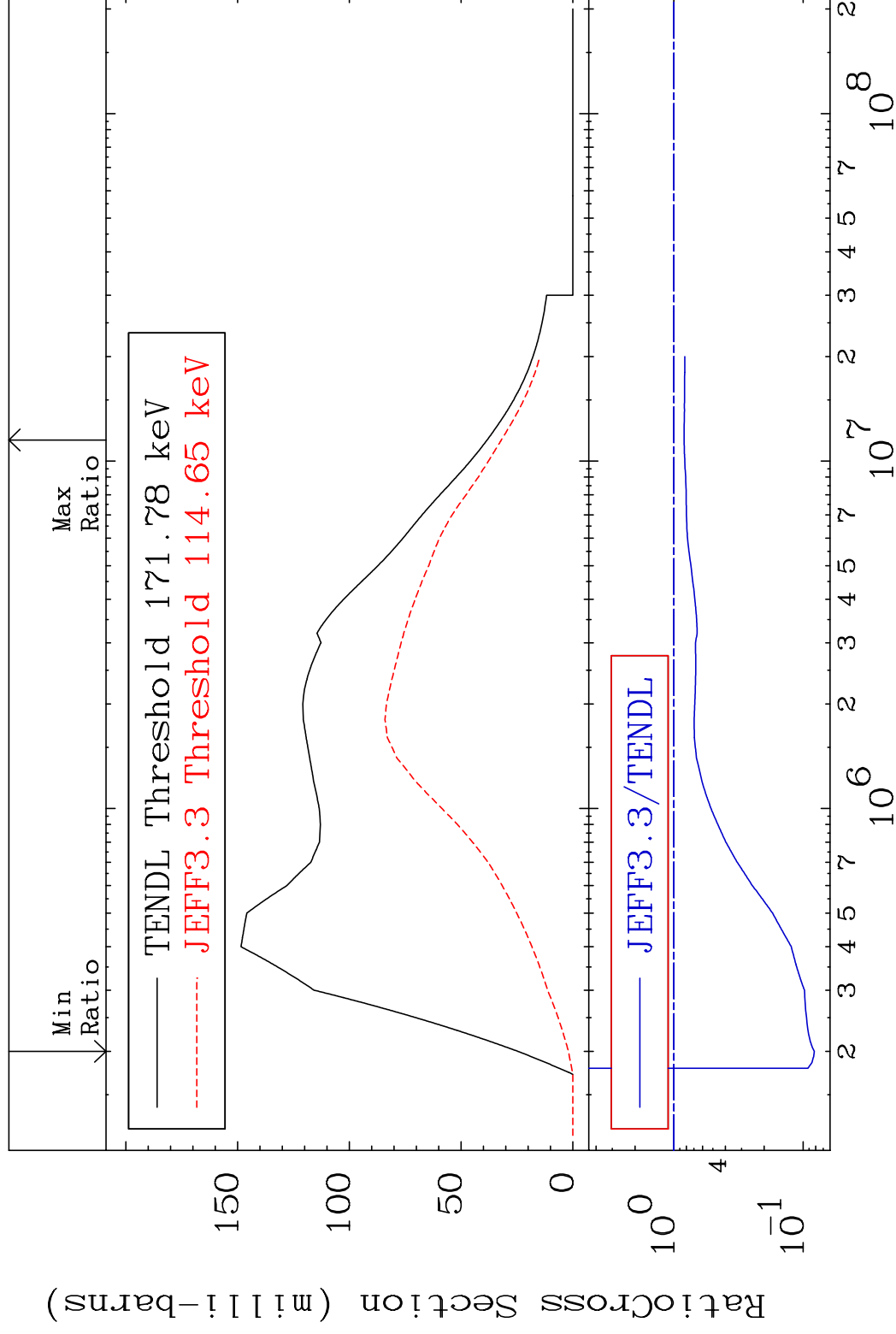


13

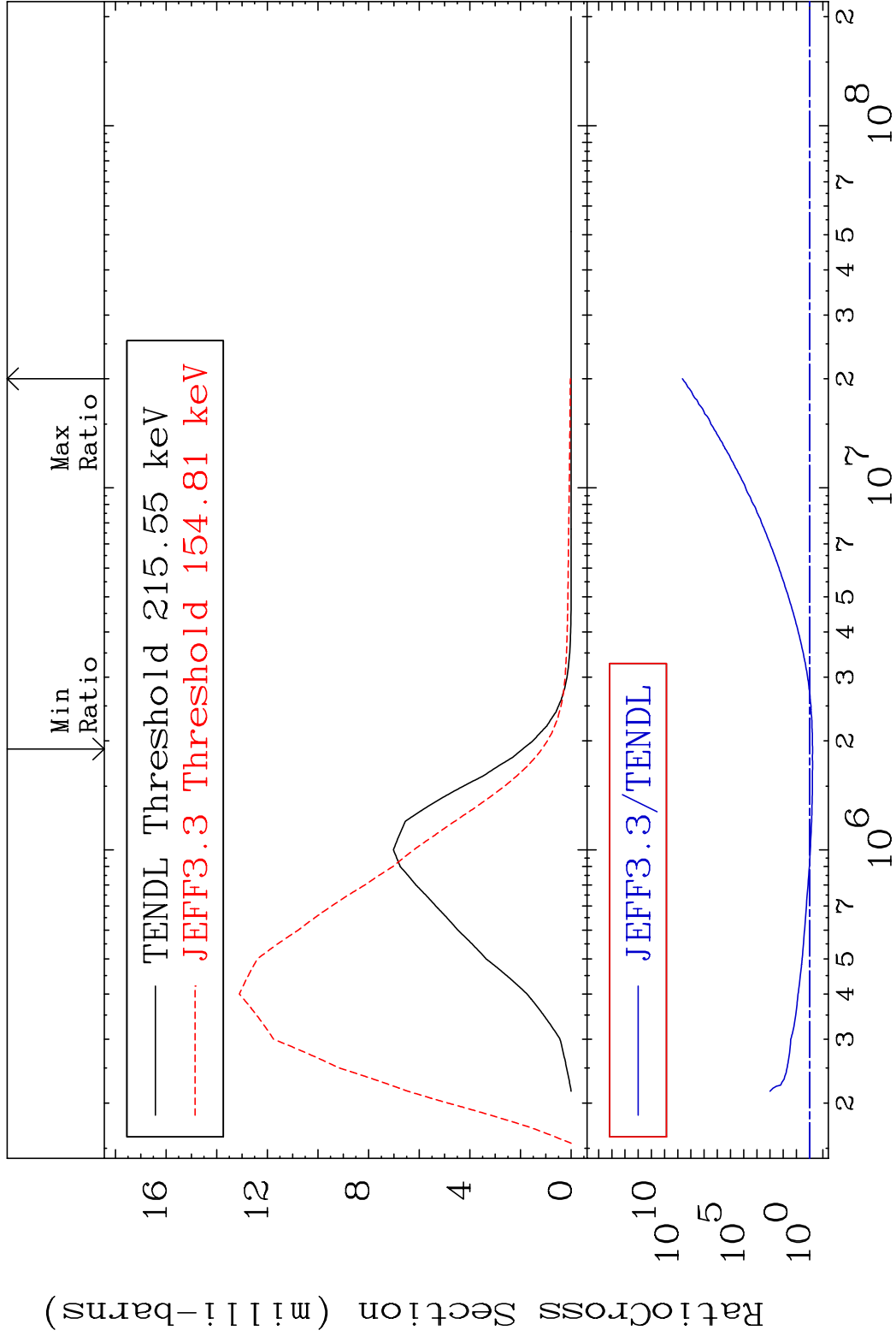
Incident Energy (eV)

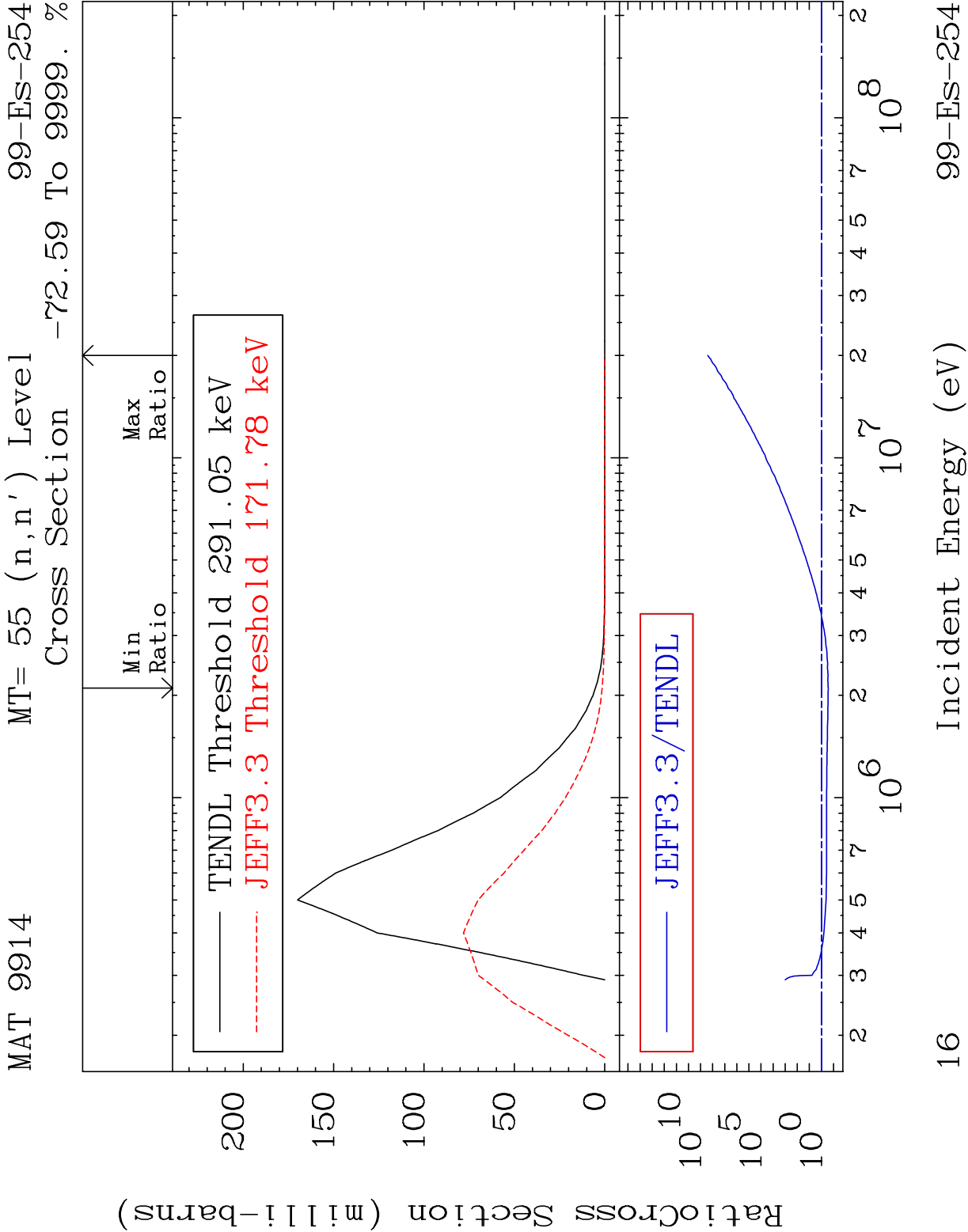
99-Es-254

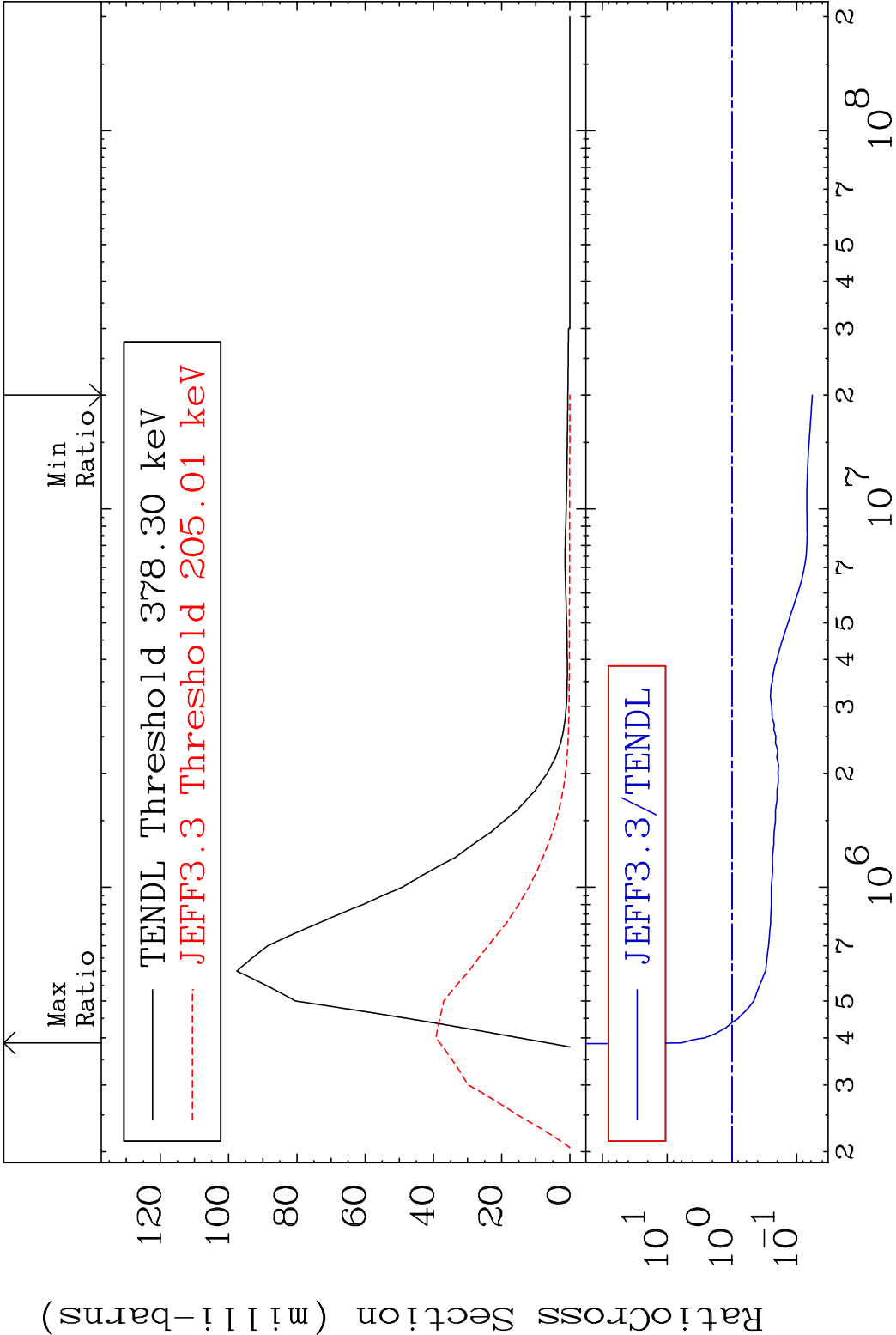
Cross Section	-91.80 To -16.52%

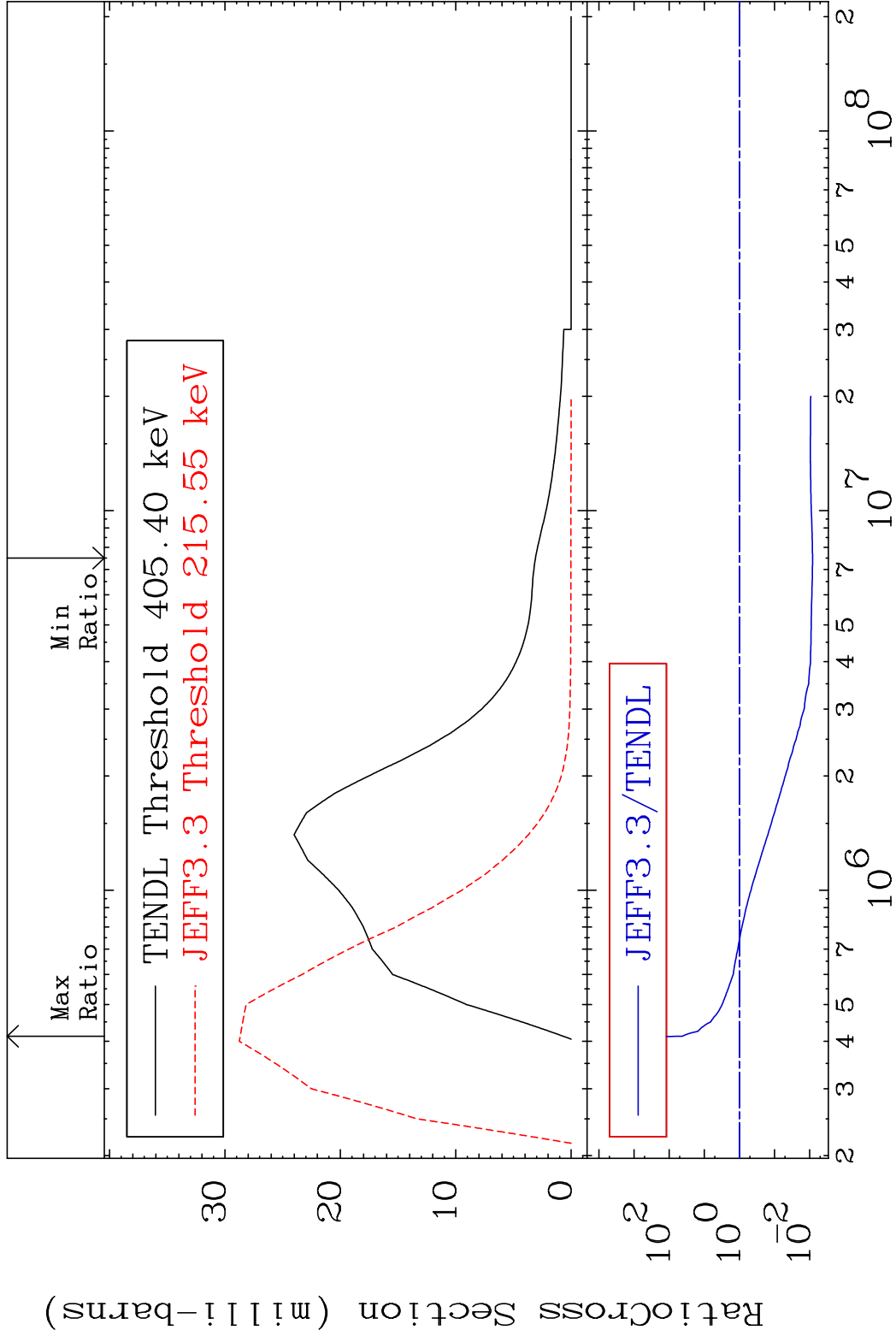


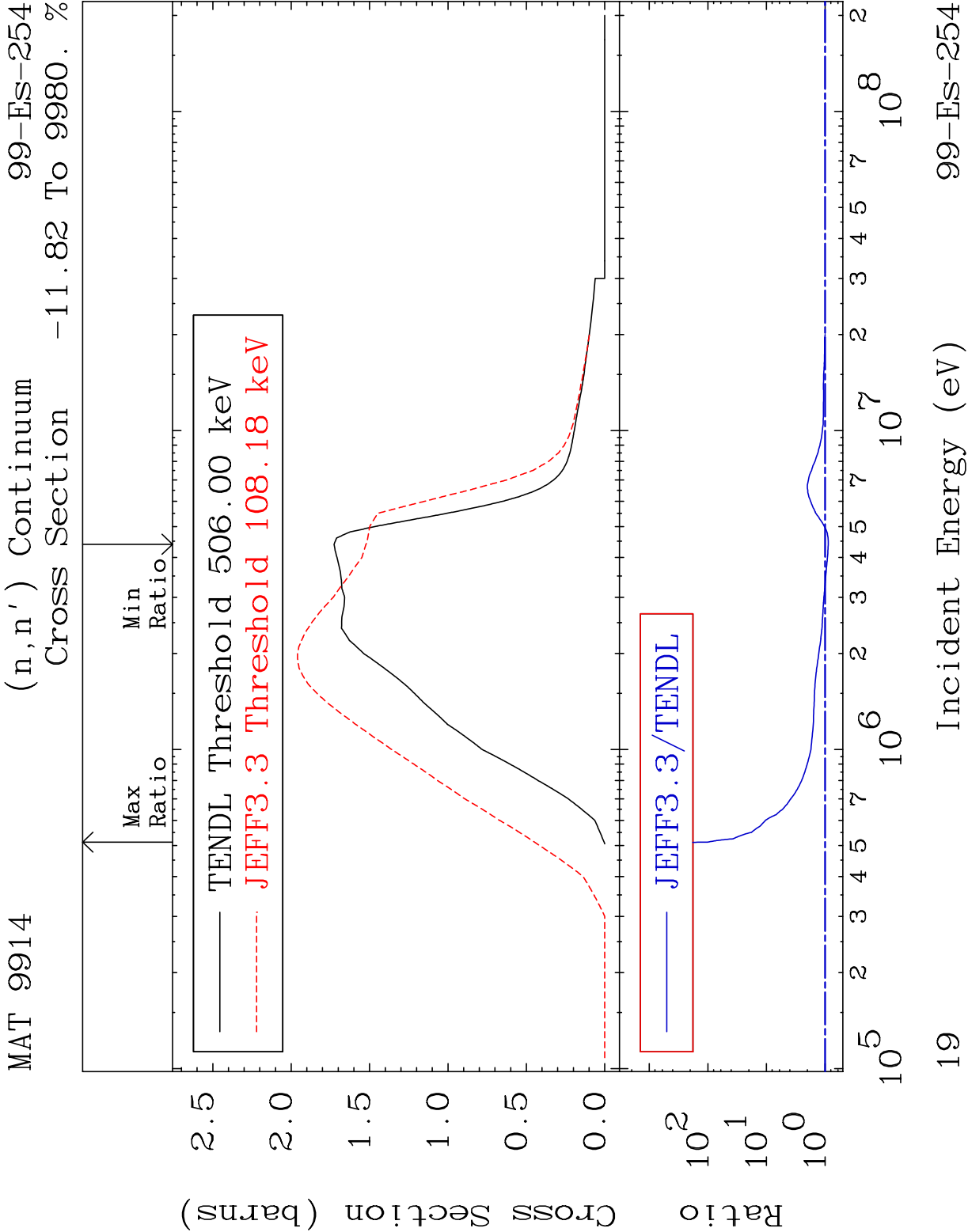
Cross Section -39.98 To 9999. %

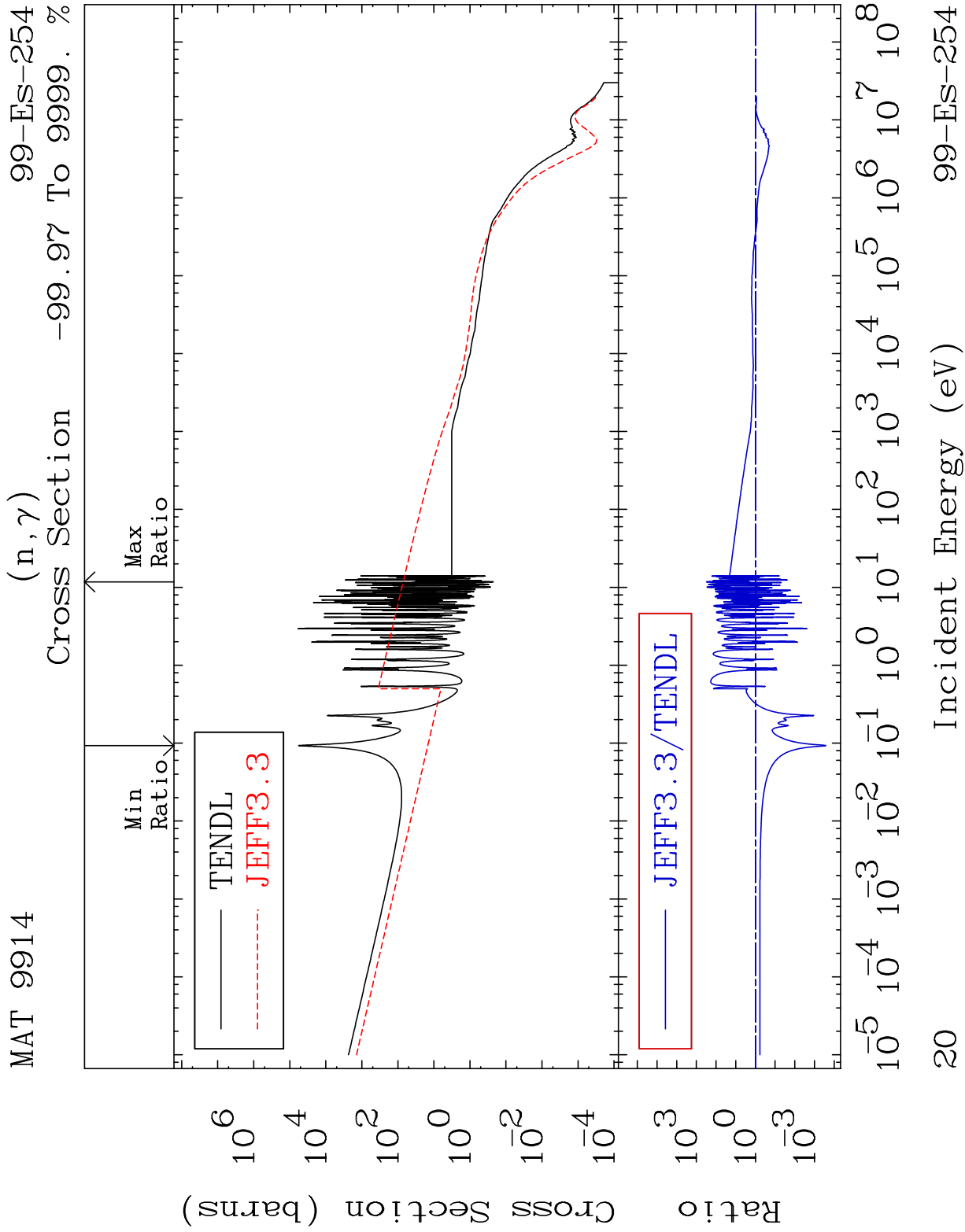


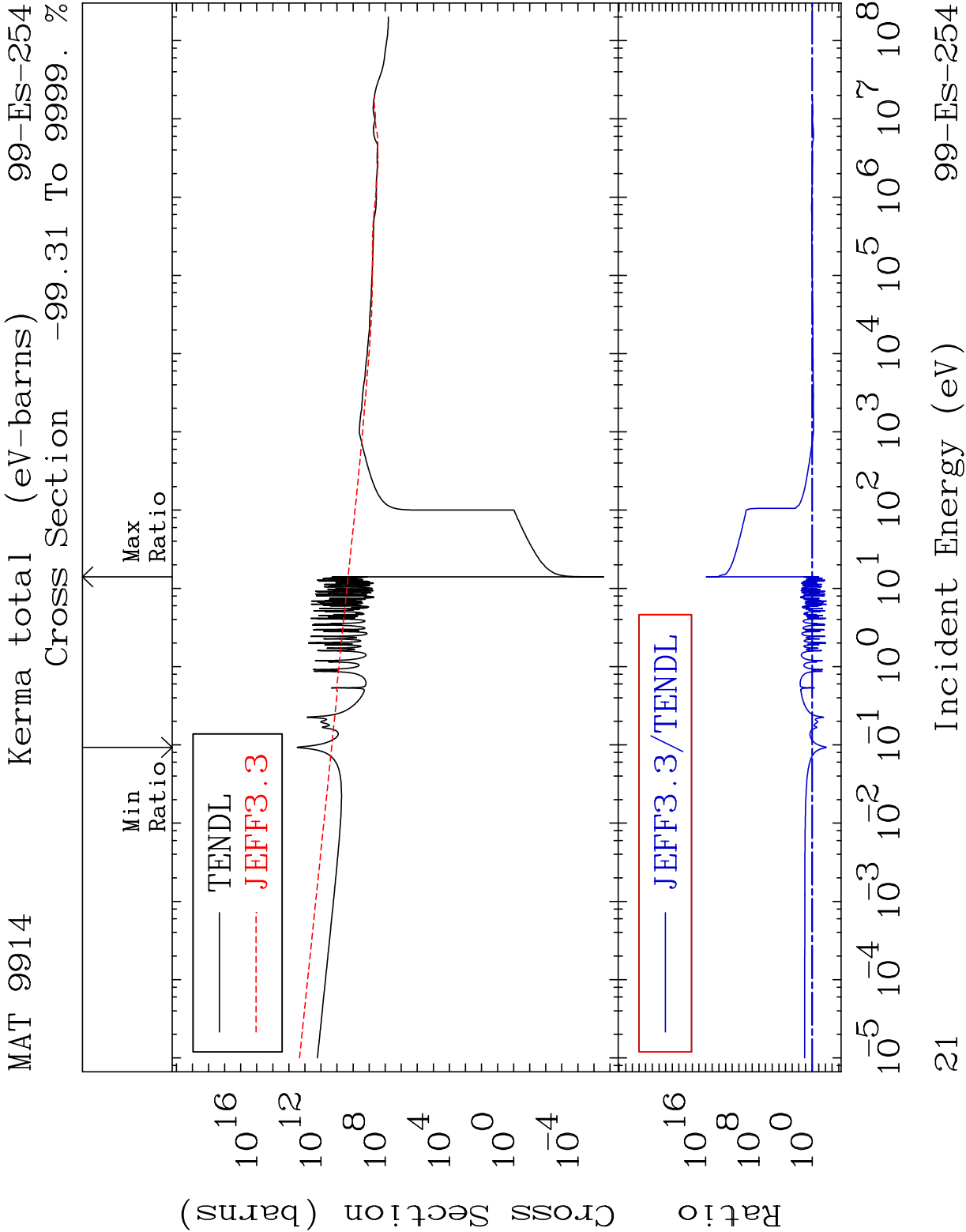


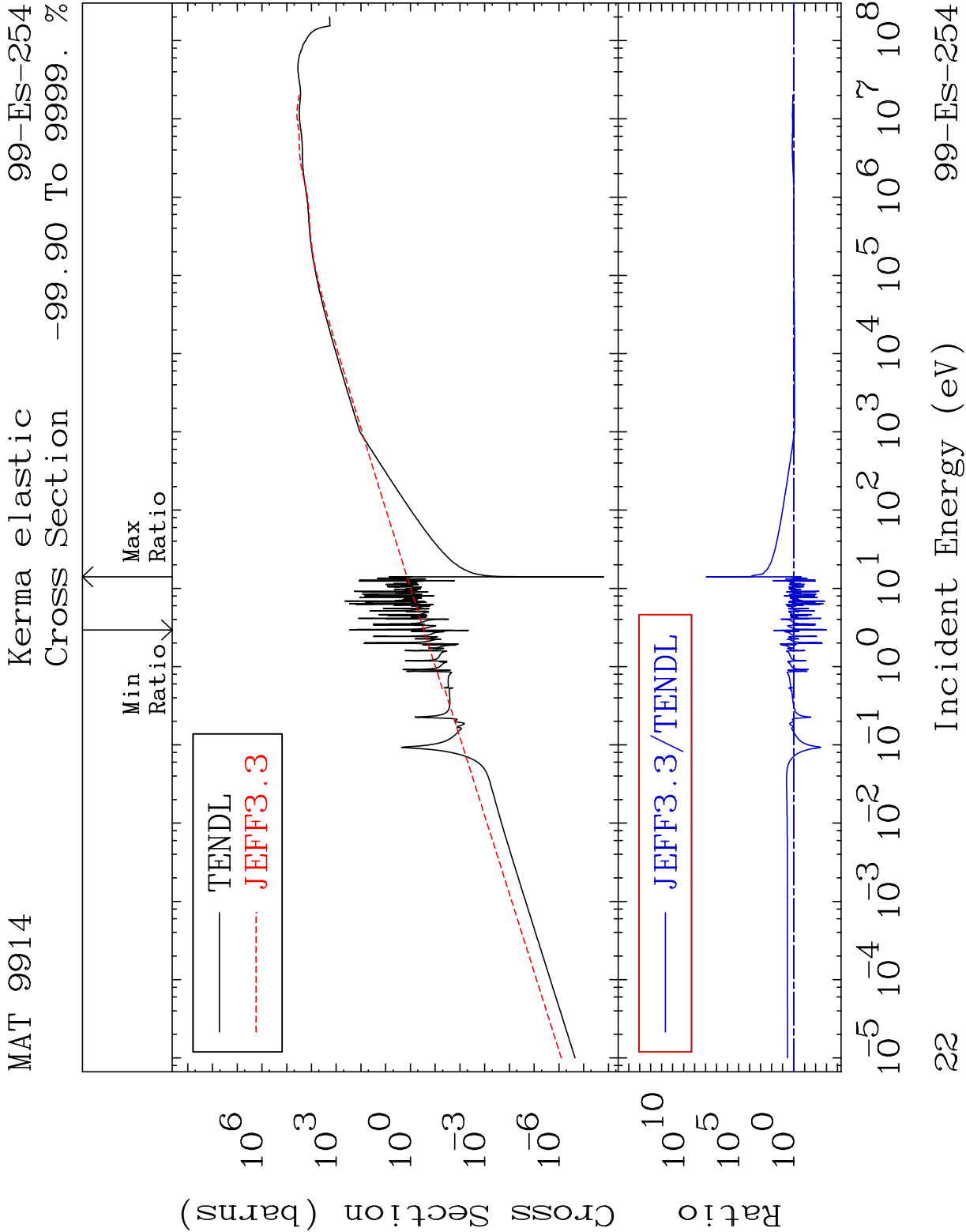




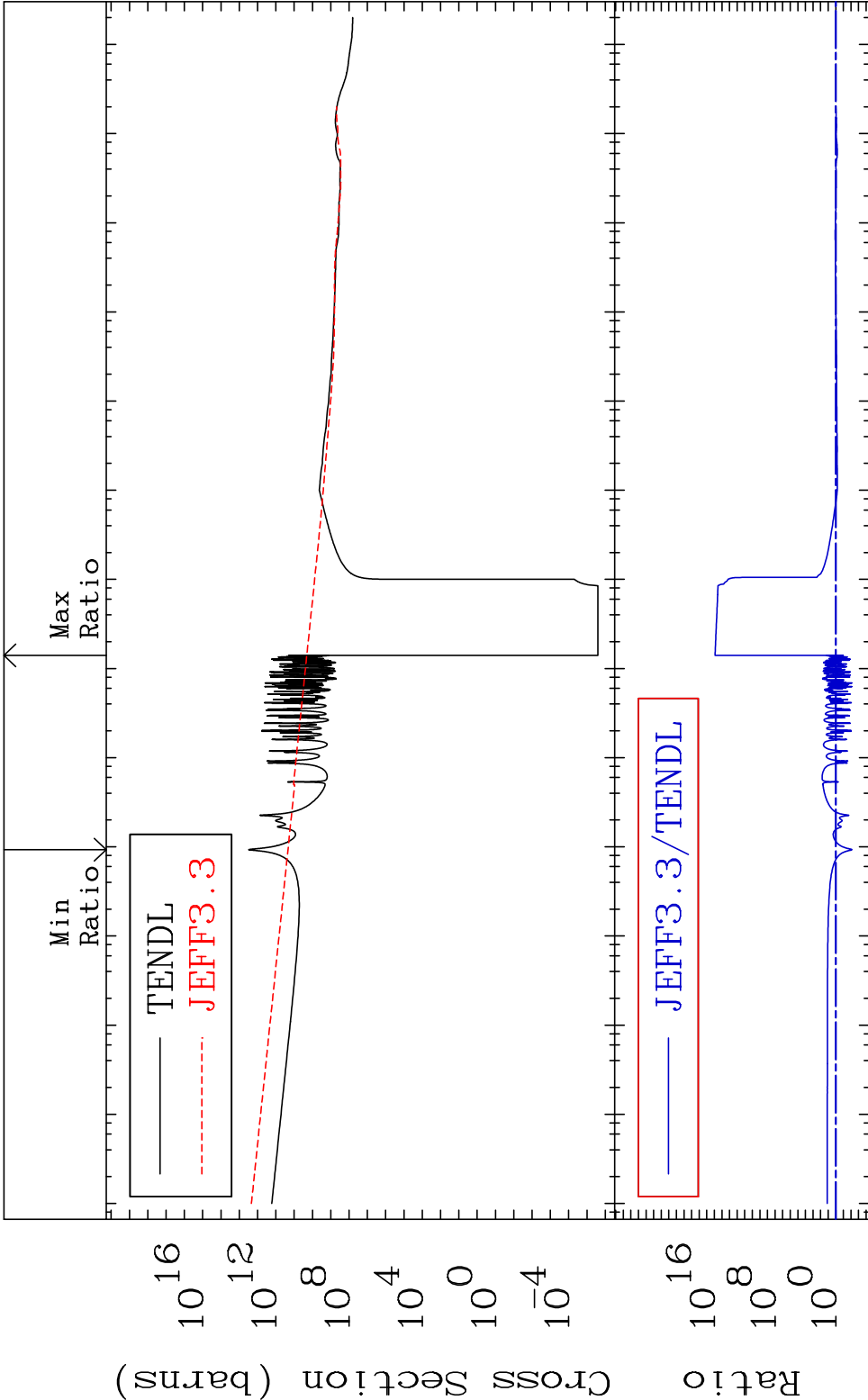




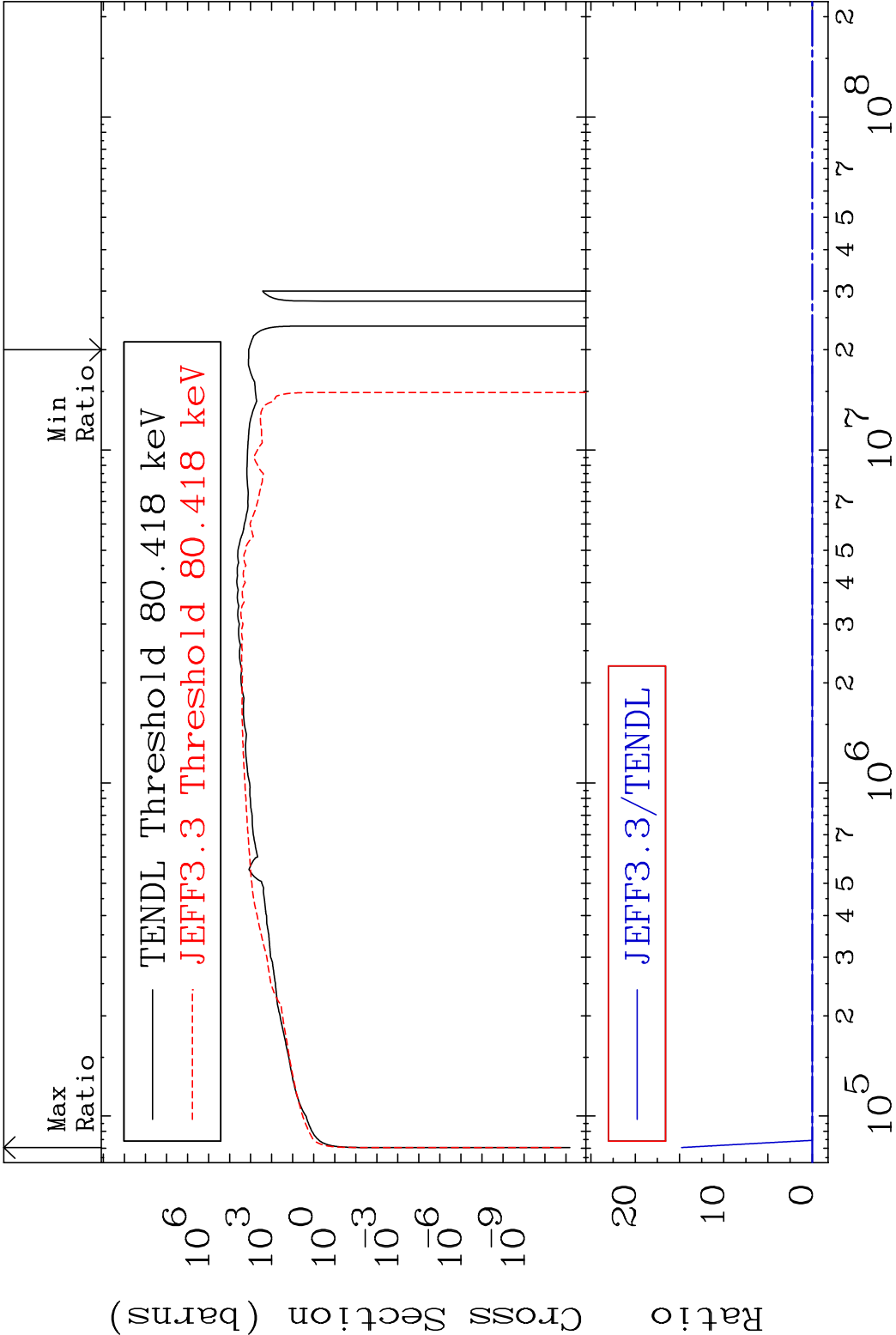




MAT 9914 Kerma non-elastic (all but mt2) 99-Es-254
Cross Section -99.31 To 9999. %

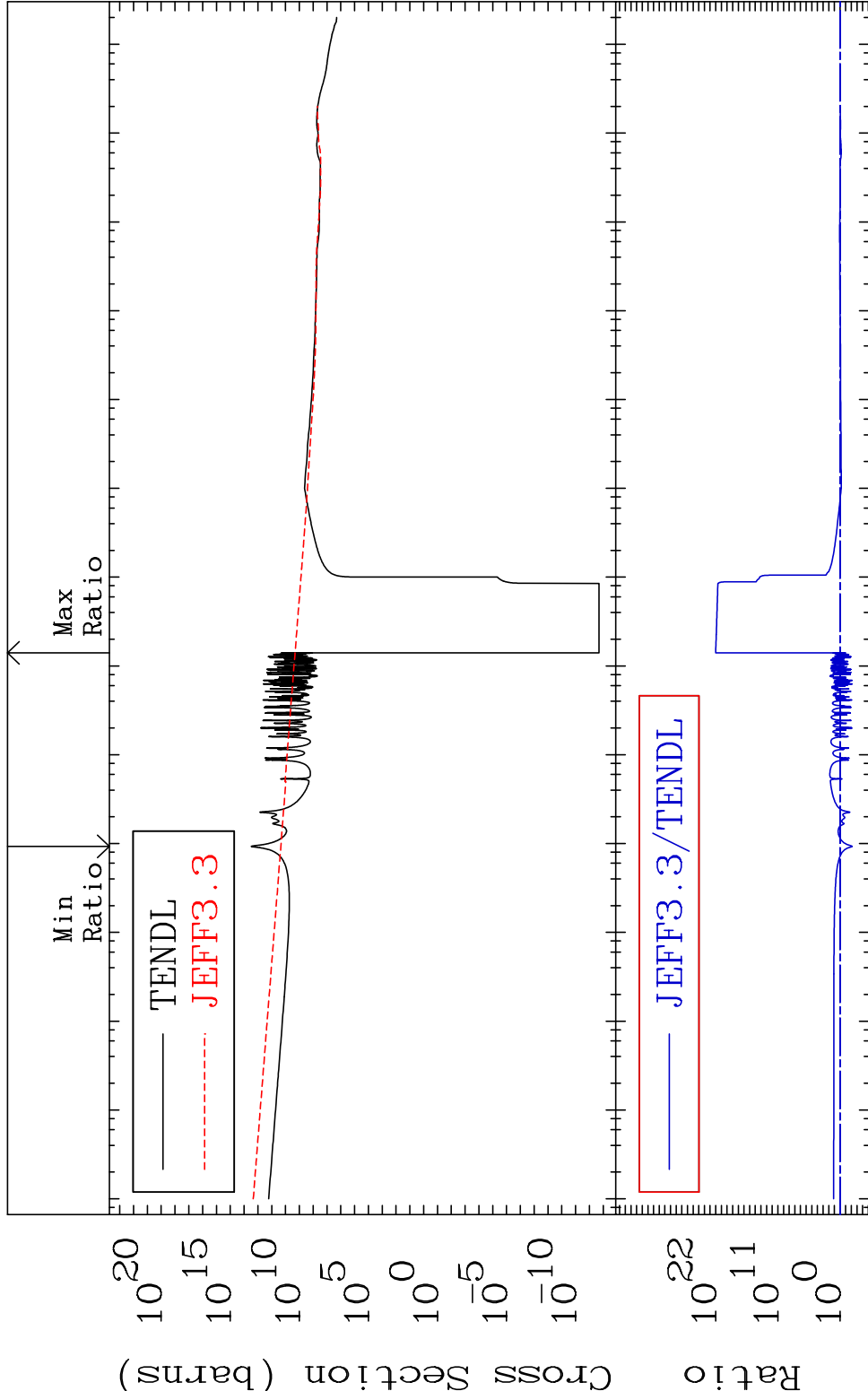


23 Incident Energy (eV) 99-Es-254



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

Cross Section -99.31 To 9999. %

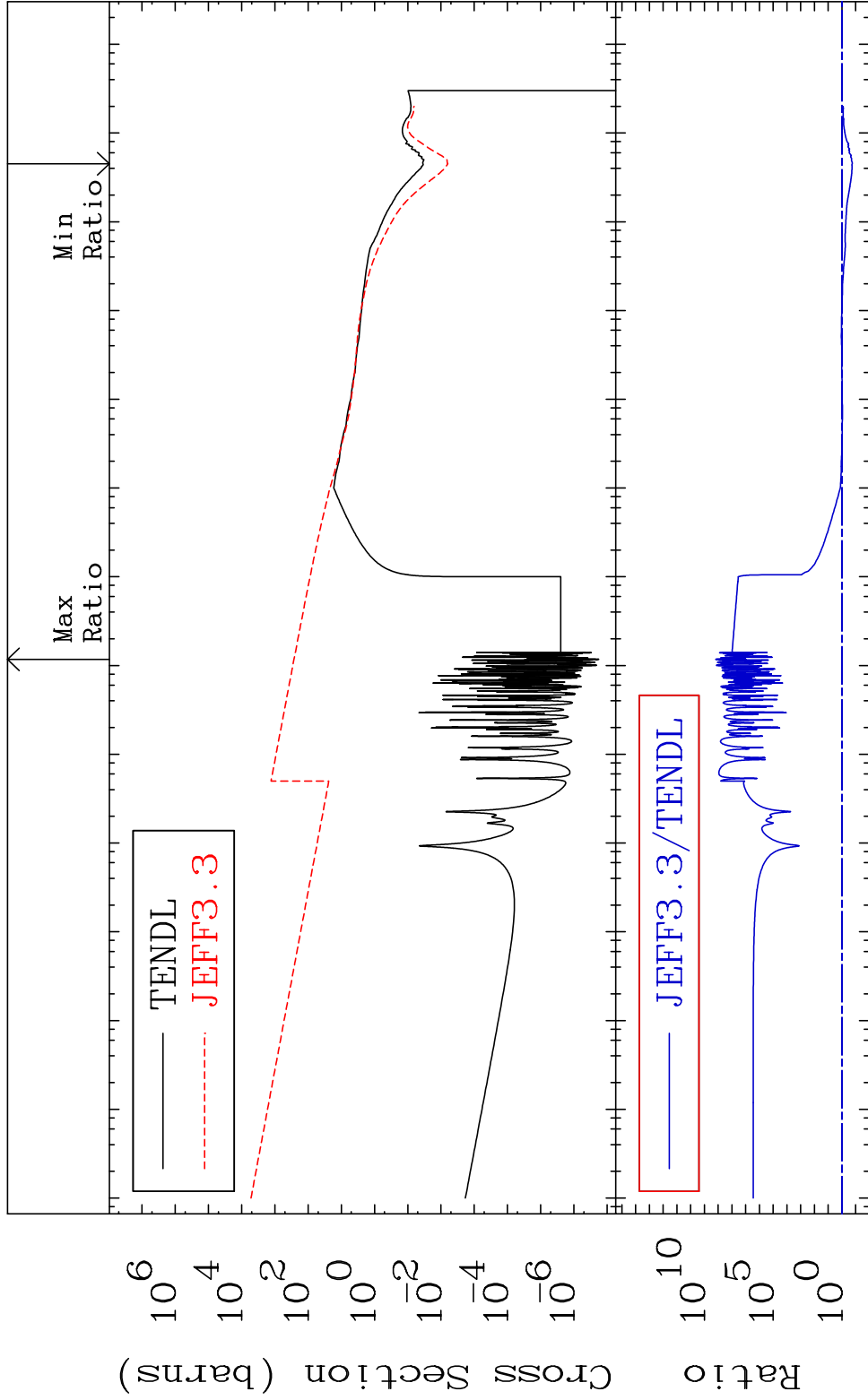


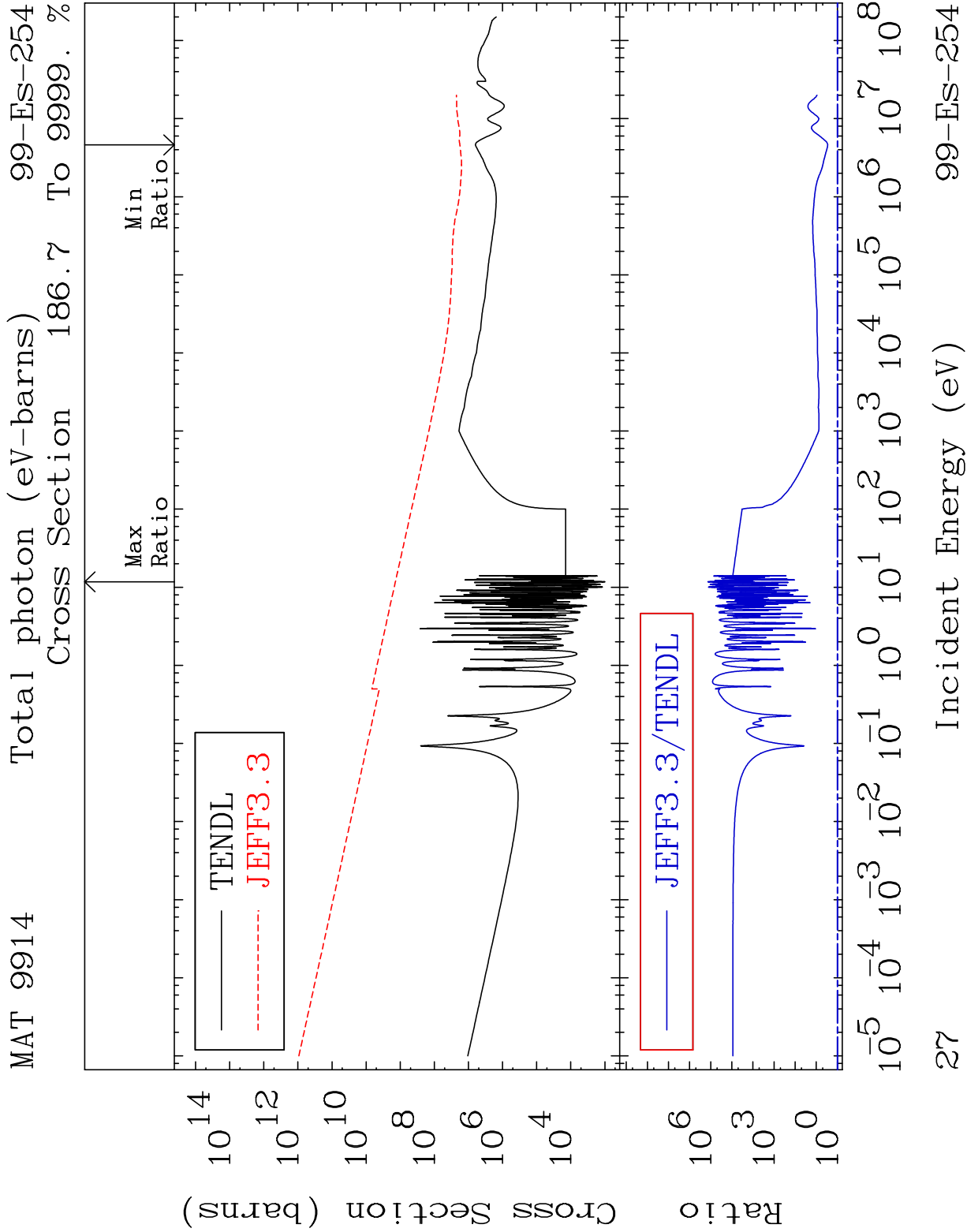
Ratio

10²²
10¹¹
10⁰

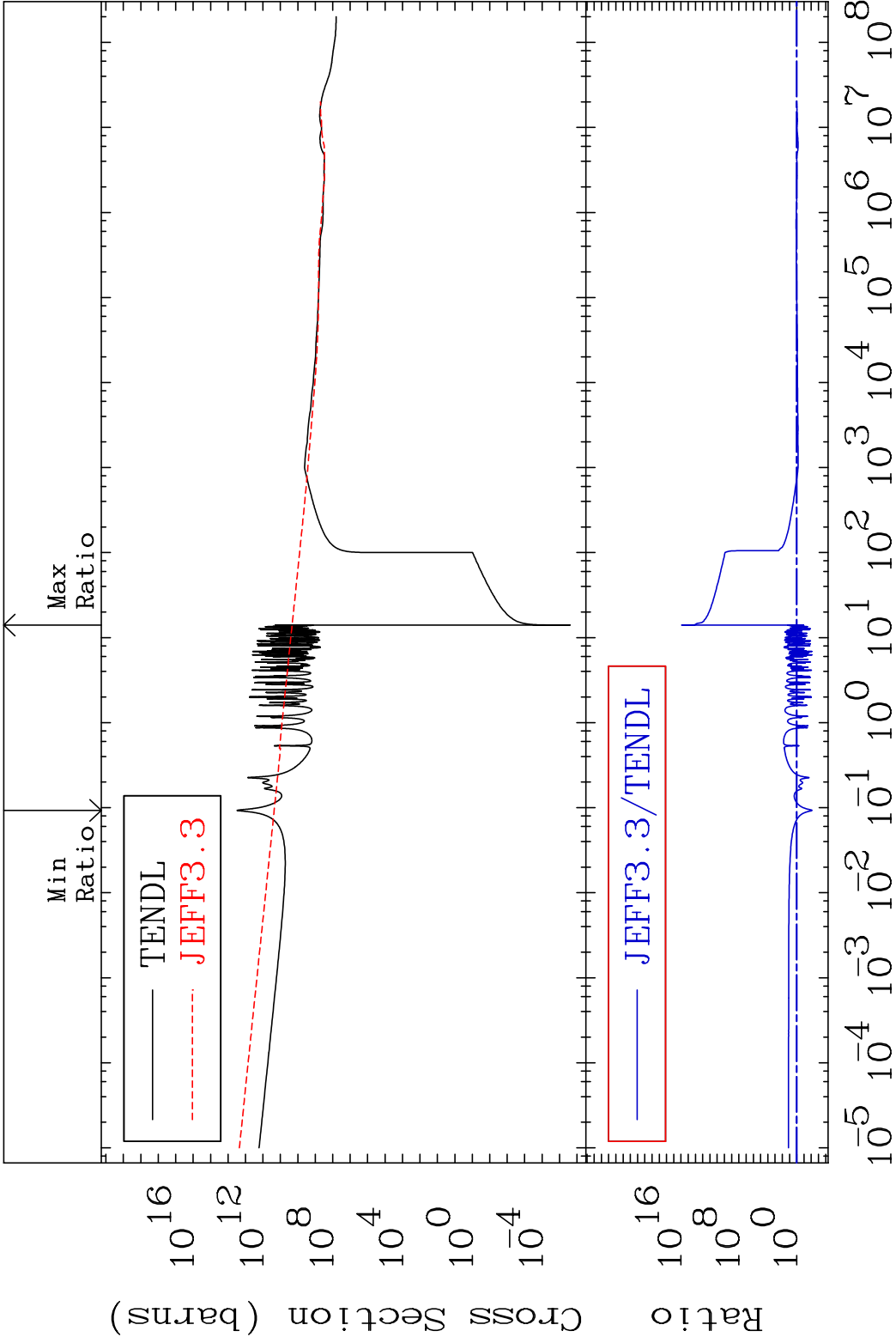
Incident Energy (eV)

99-Es-254



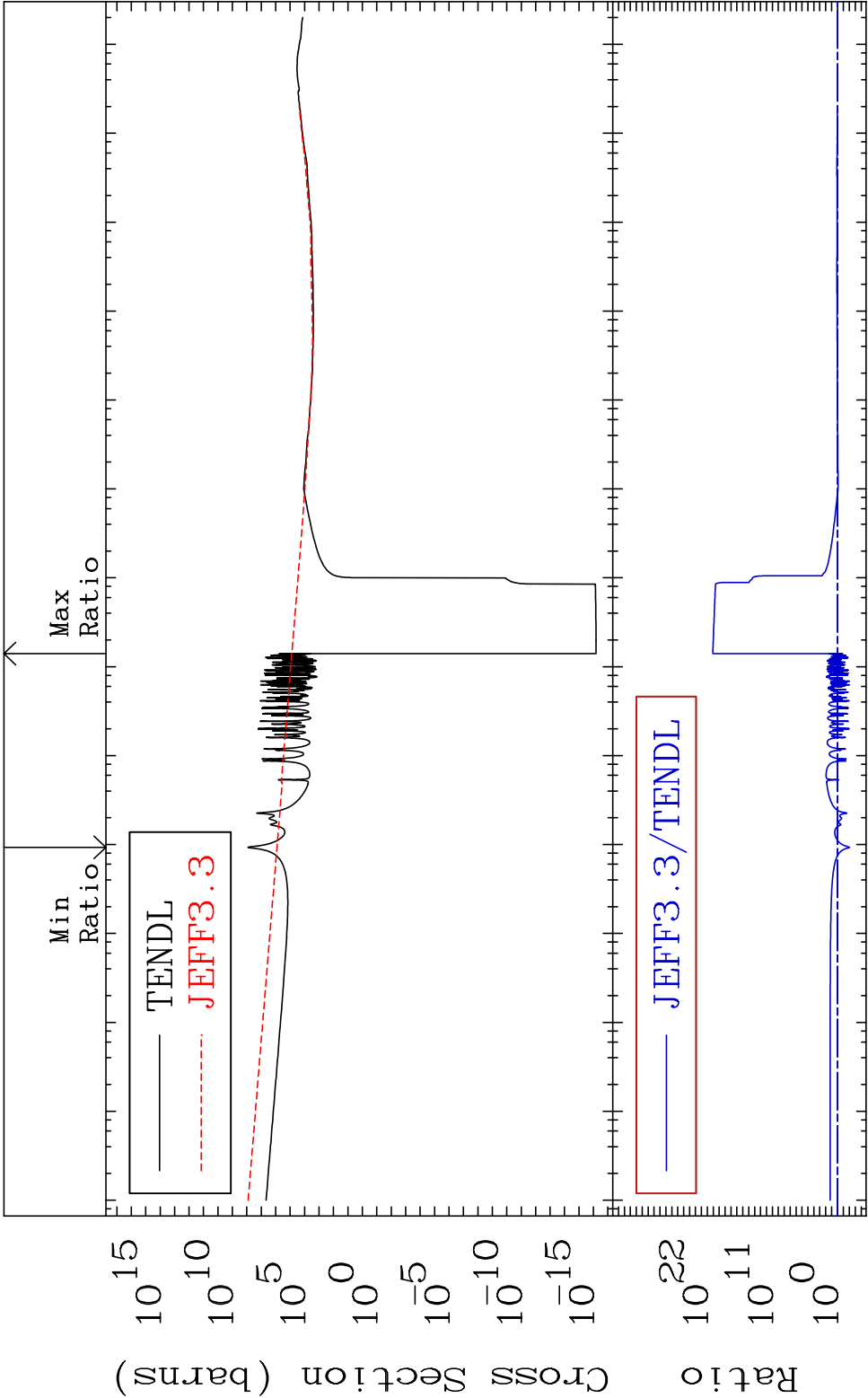


MAT 9914 Total kinematic kerma (high limit) 99-Es-254
Cross Section -99.28 To 9999. %



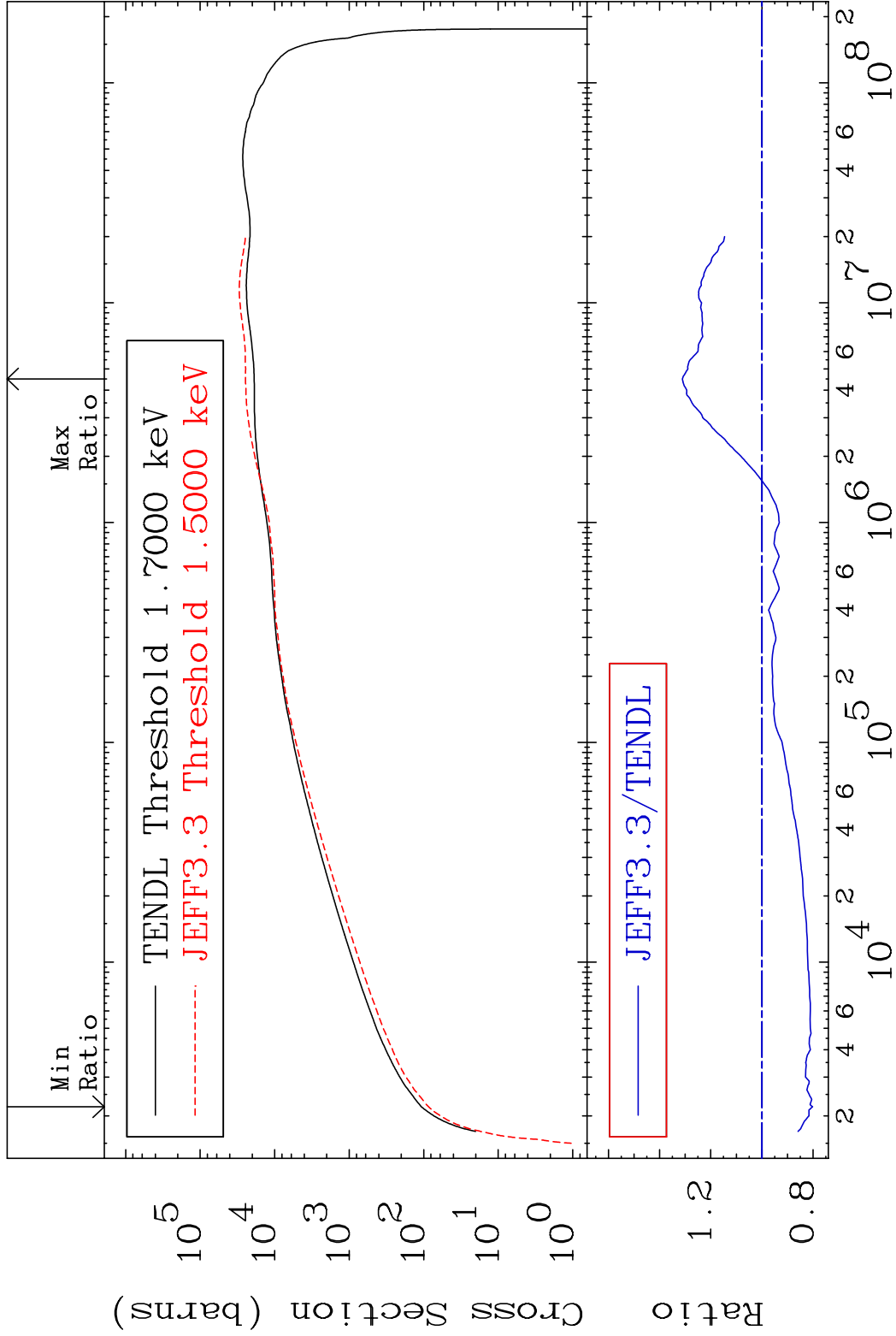
28 Incident Energy (eV) 99-Es-254

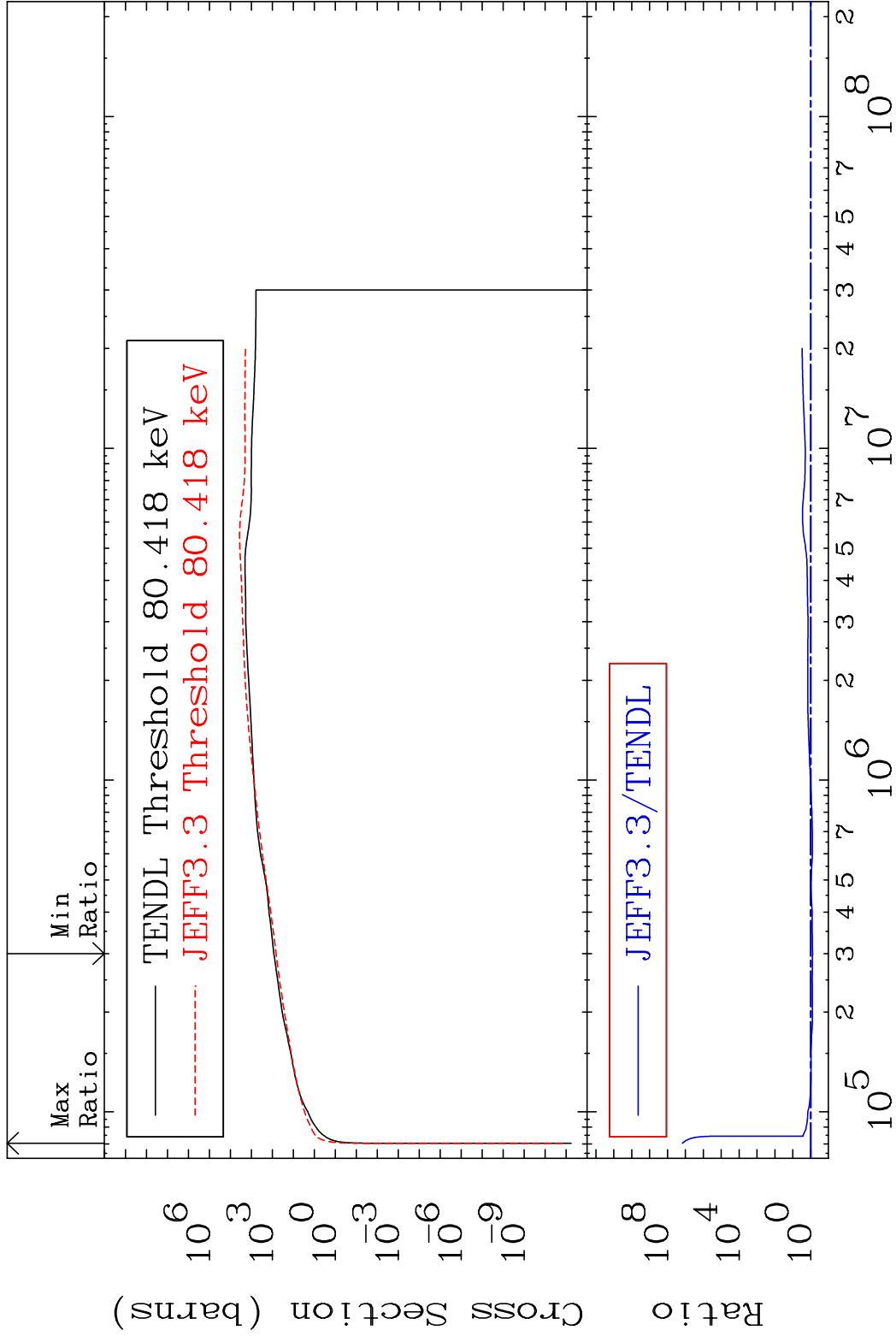
MAT 9914 Dpa total (eV-barns) 99-Es-254
 Cross Section -99.06 To 9999. %



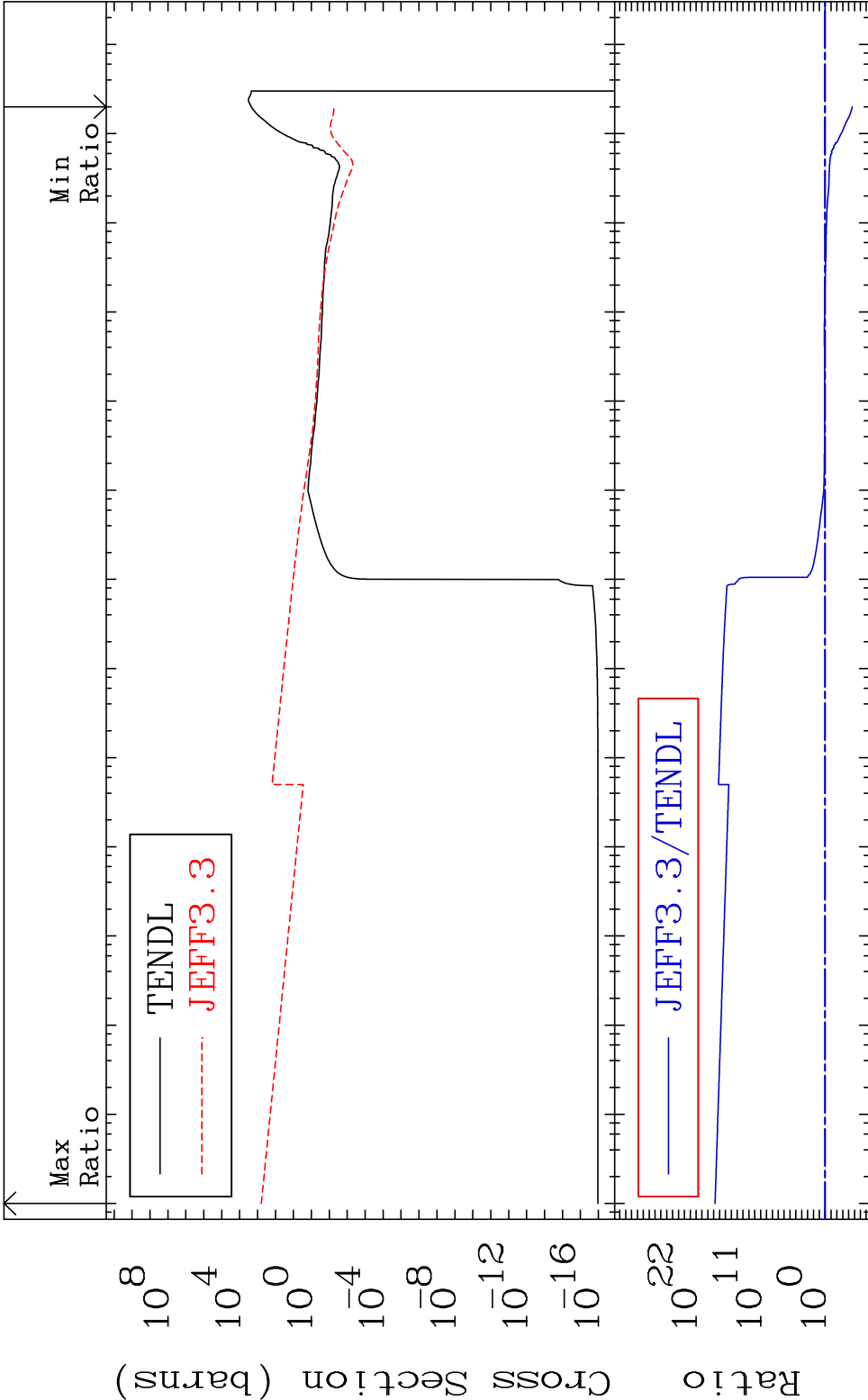
29 Incident Energy (eV) 99-Es-254

MAT 9914 Dpa elastic (mt2) 99-Es-254
Cross Section -19.82 To 31.11 %





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



32 Incident Energy (eV) 99-Es-254