

Program Complot
(Version 2021-1)

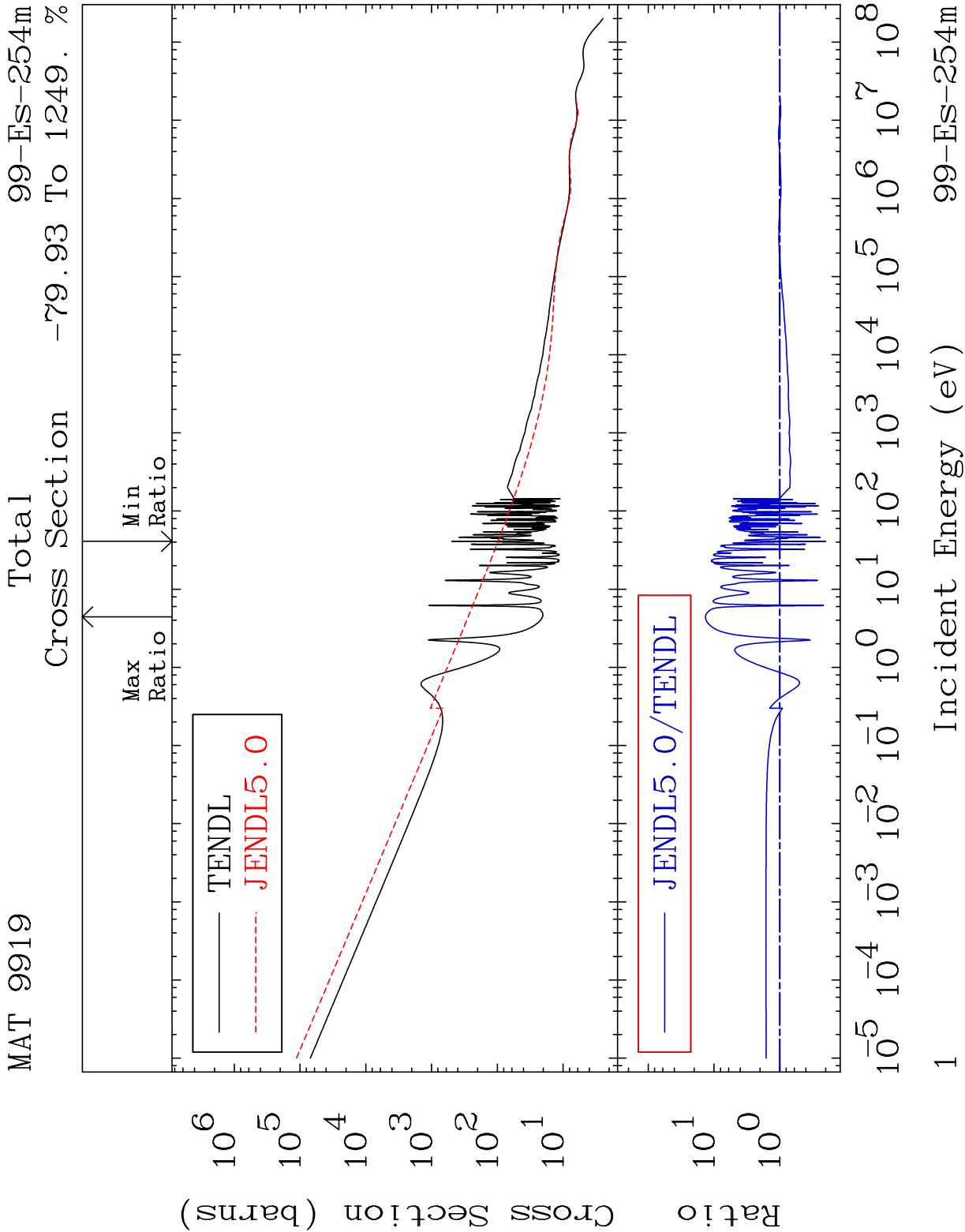
by

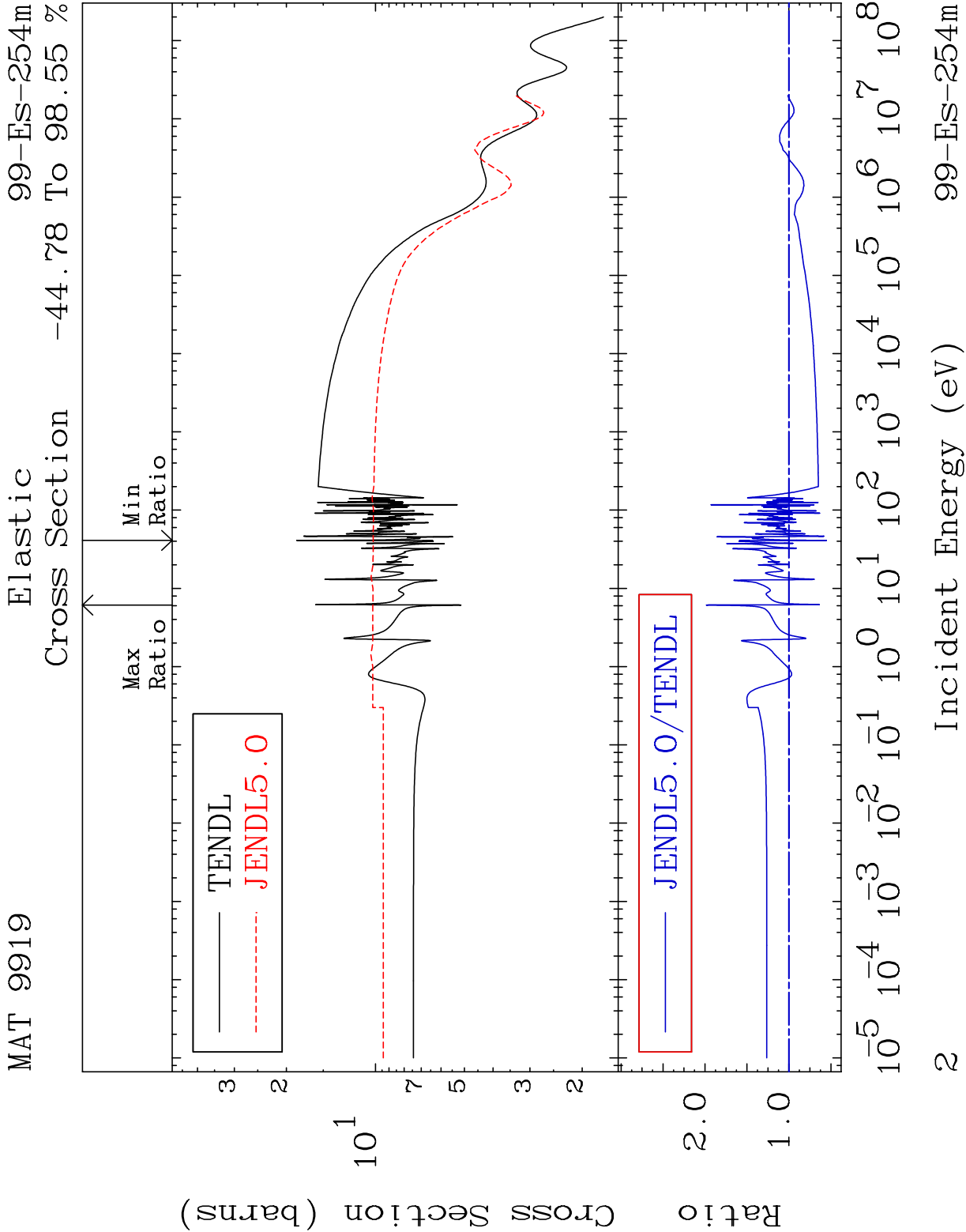
Dermott E. Cullen
(Present Contact Information)

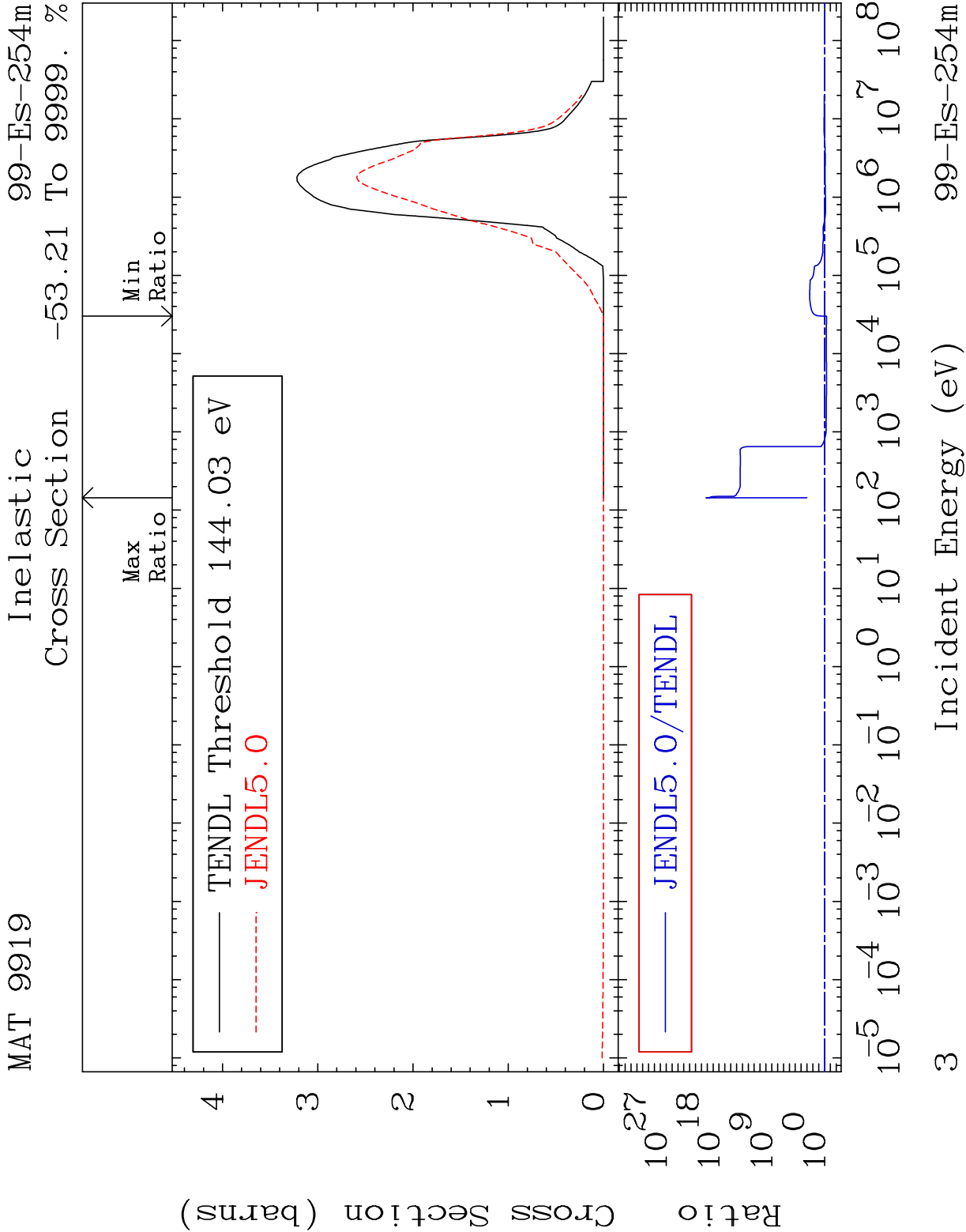
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





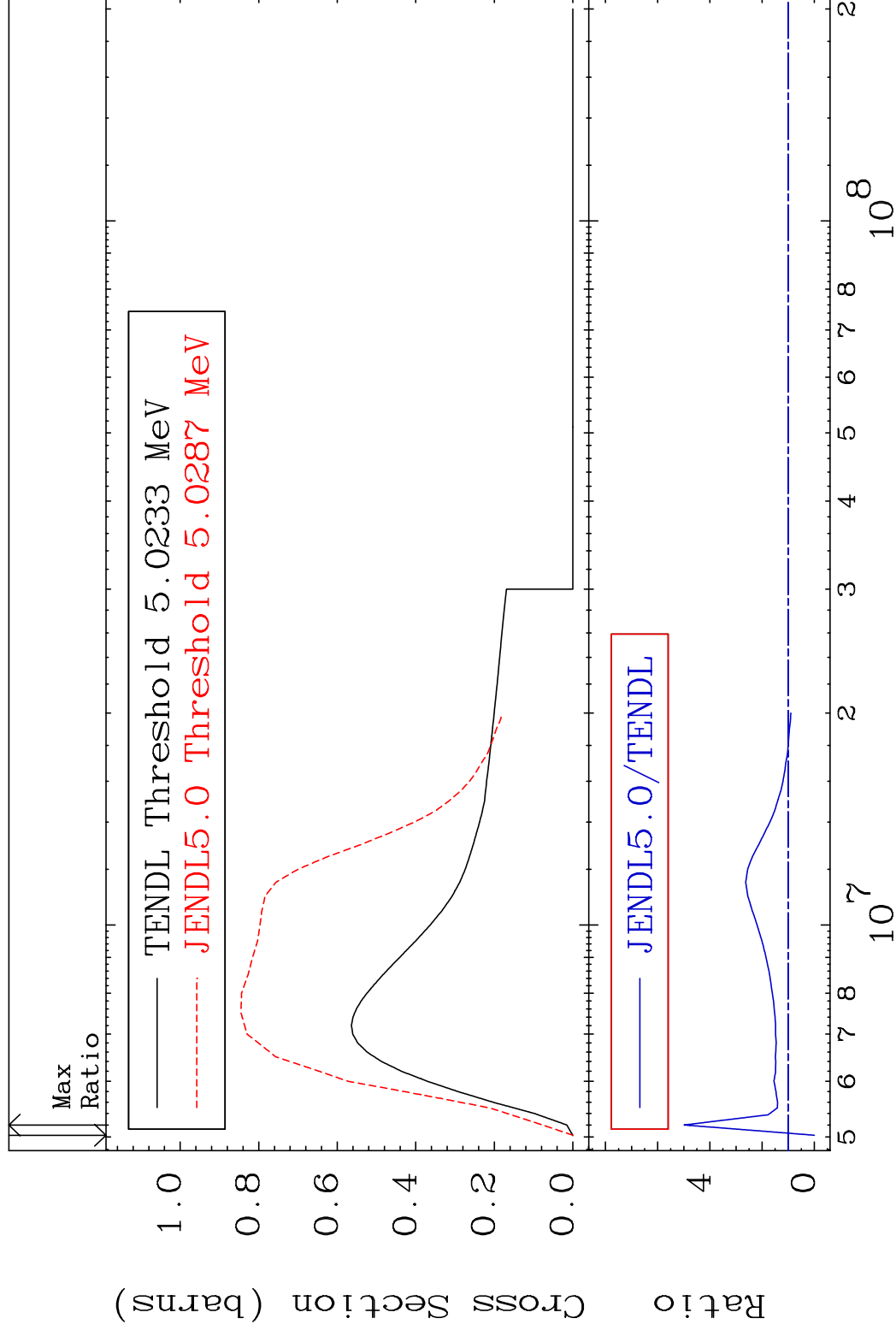


MAT 9919

$$(n, 2n)$$

99-ES-254m

Cross Section -100.0 To 399.0 %



TENDL Threshold 5.0233 MeV

JENDL5.0 Threshold 5.0287 MeV

JENDL5.0/TENDL

4

Incident Energy (eV)

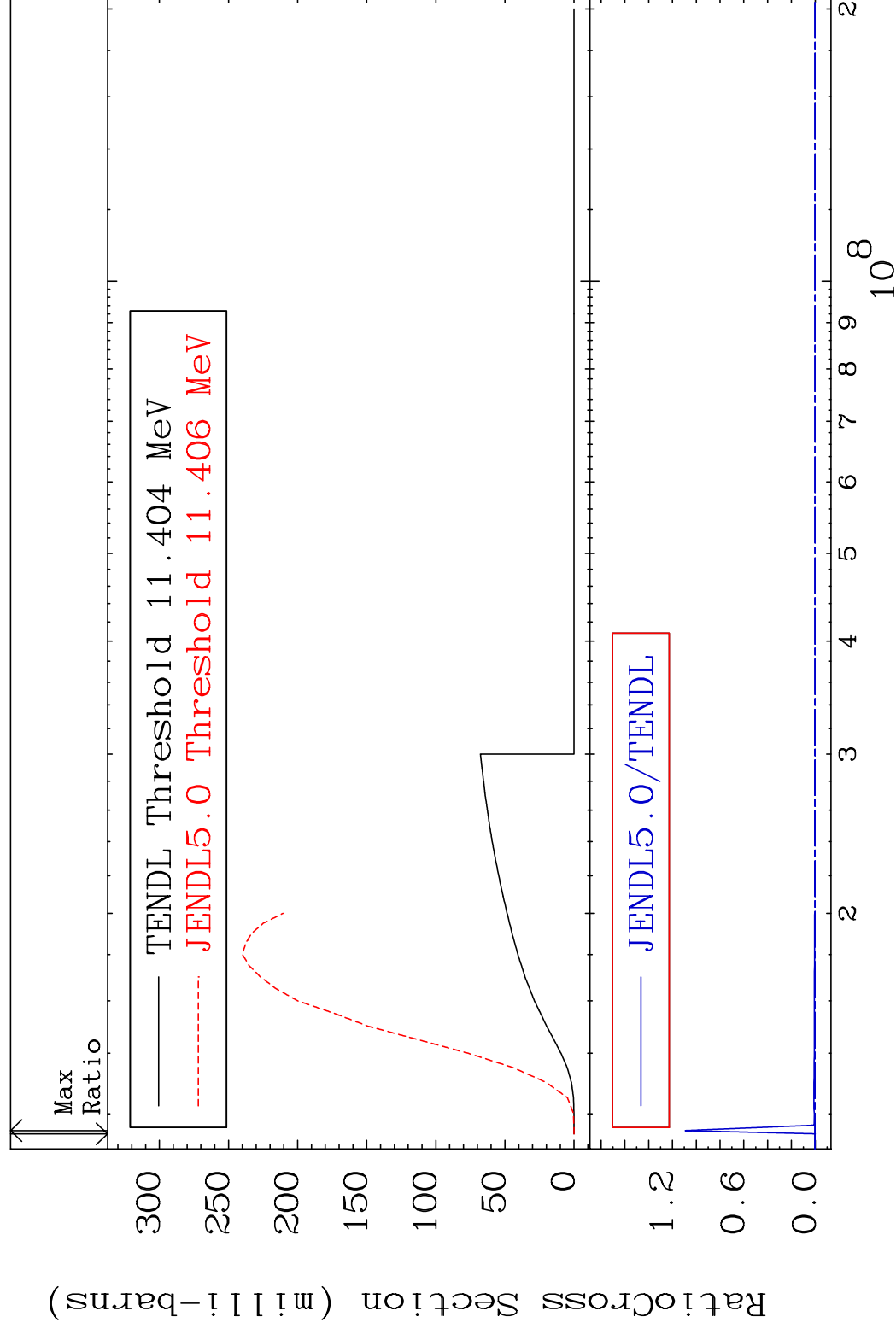
99-ES-254m

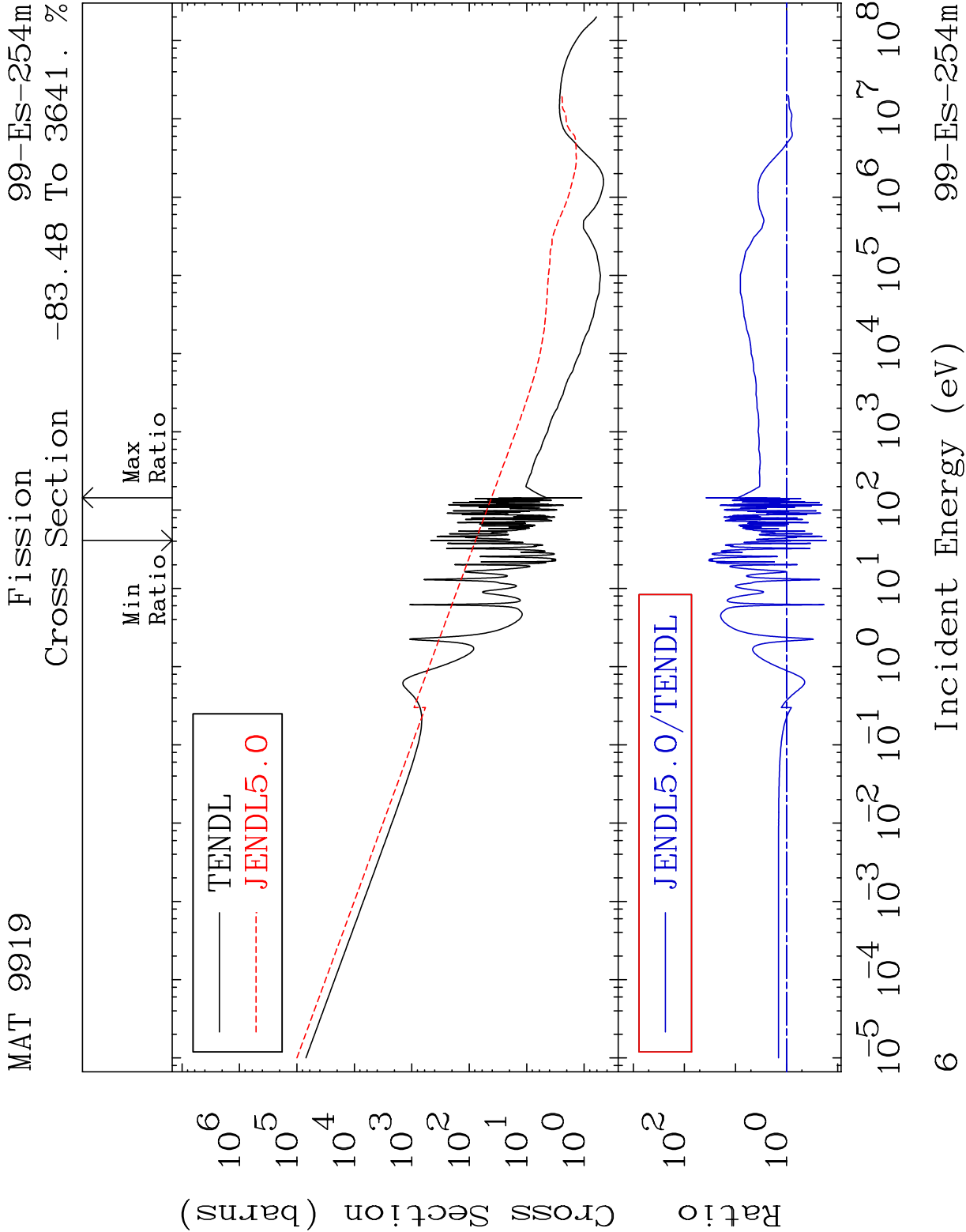
MAT 9919

$$(n, 3n)$$

99-ES-254m

Cross Section -100.0 To 9999. %



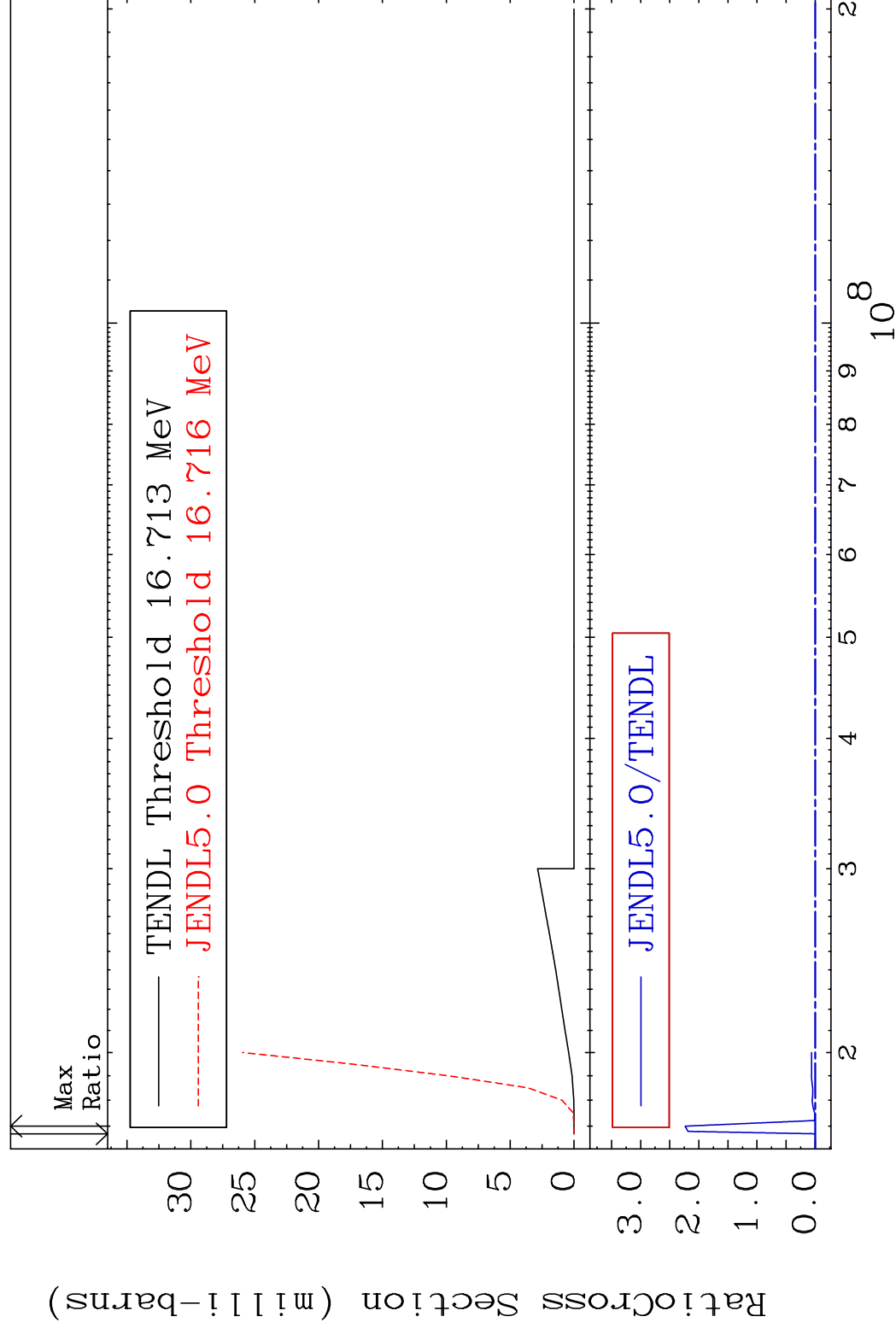


MAT 9919

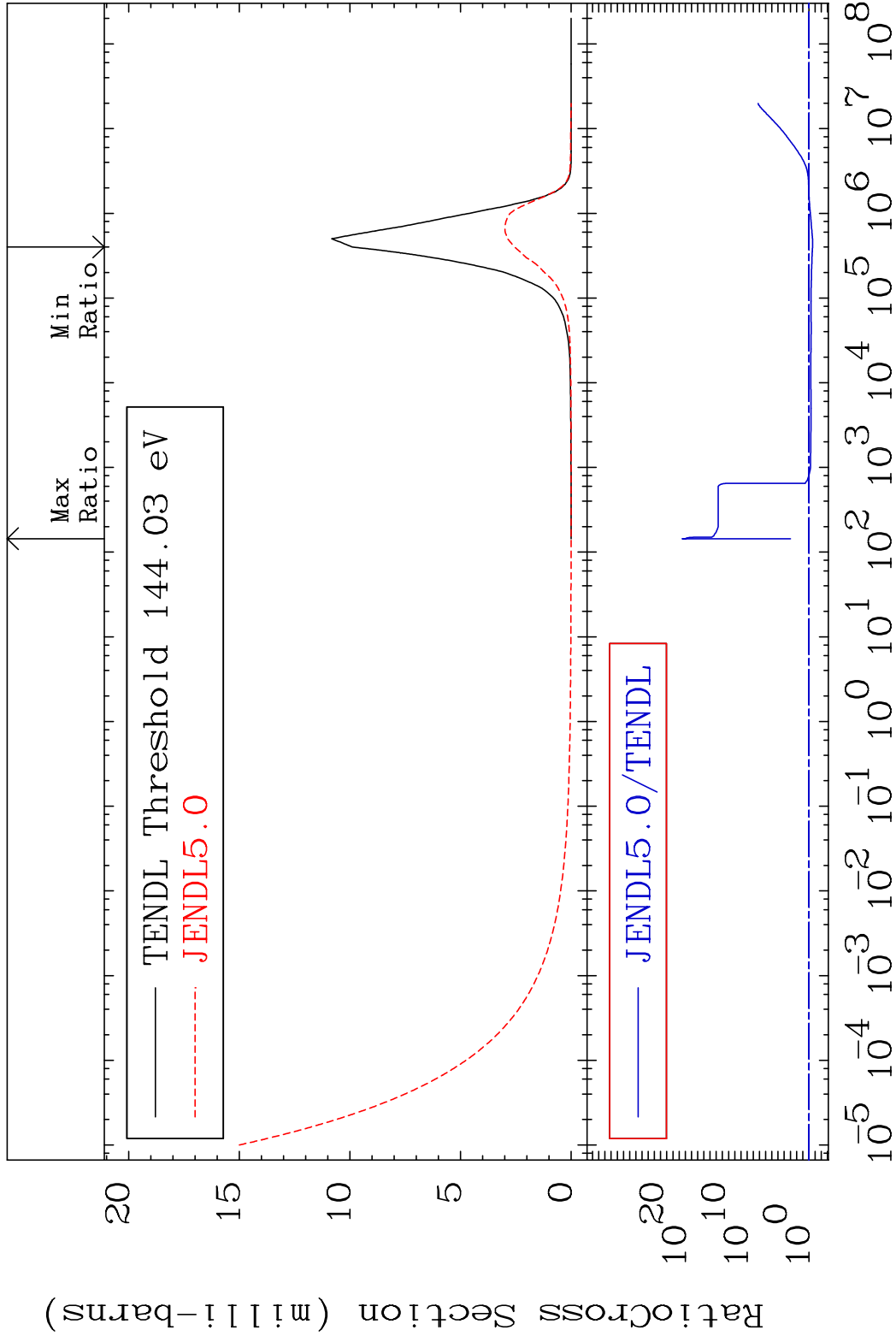
$$(n, 4n)$$

99-ES-254m

Cross Section -100.0 To 9999. %

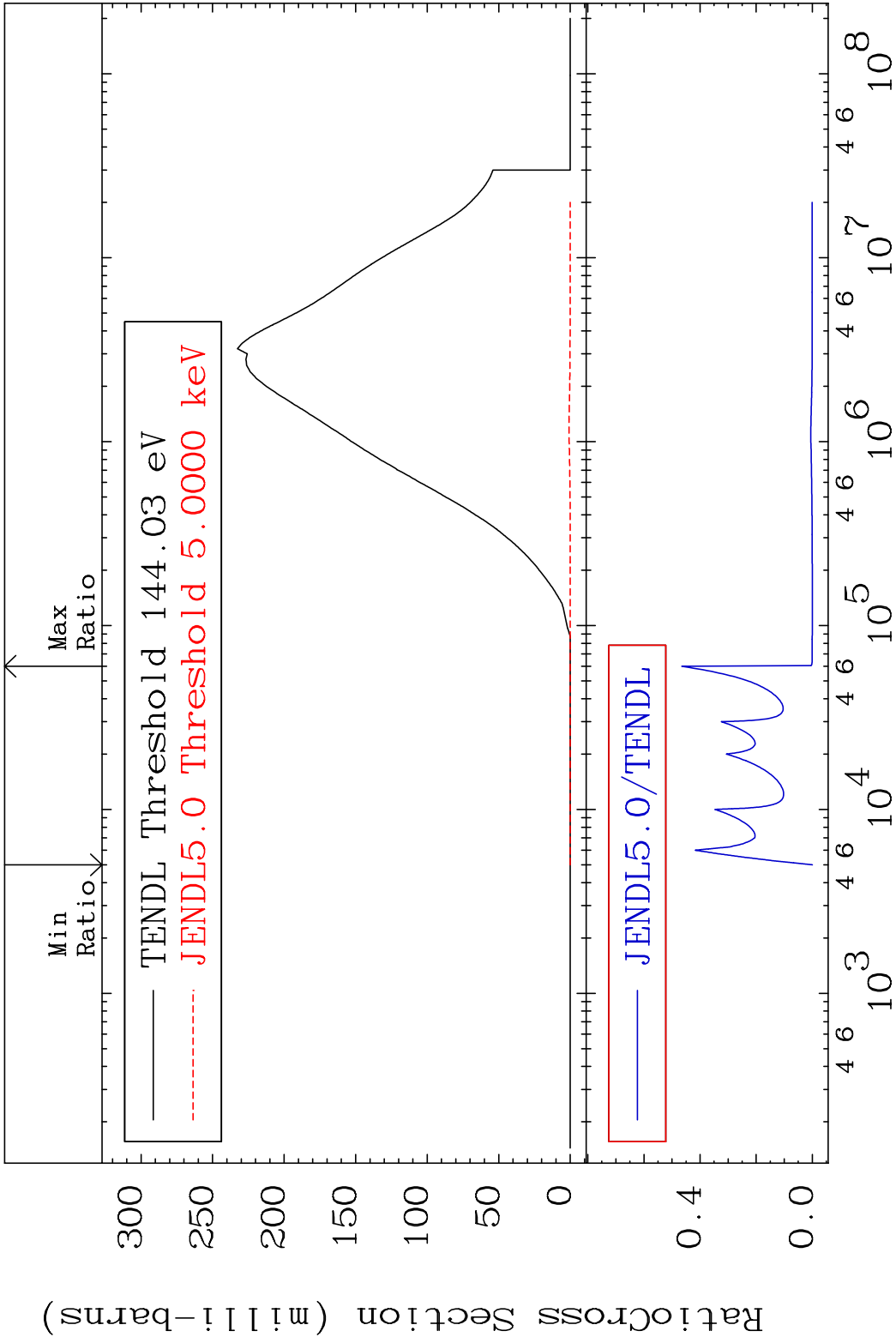


MAT 9919 MT= 51 (n,n') Level 99-Es-254m
Cross Section -74.07 To 9999. %

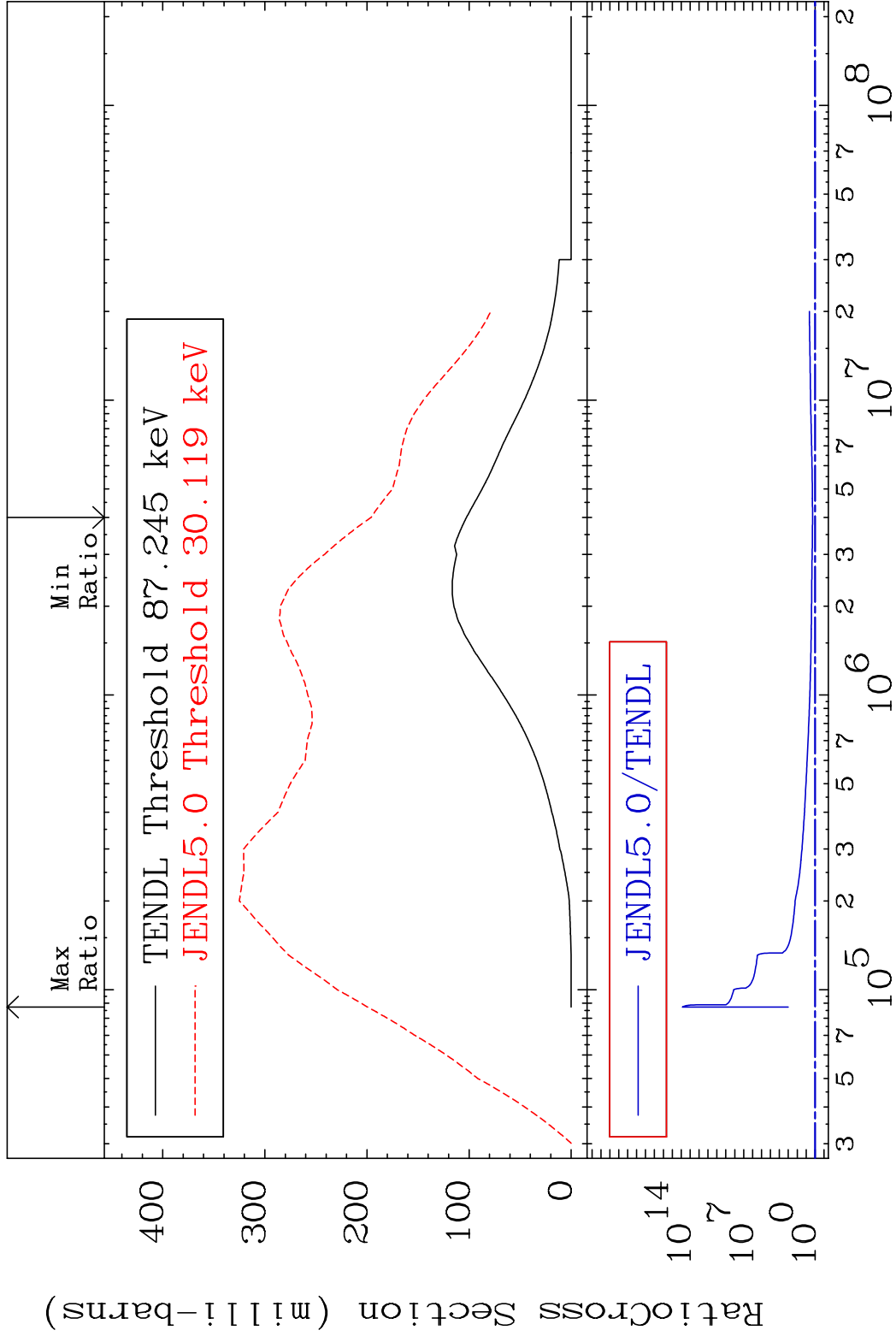


8 Incident Energy (eV) 99-Es-254m

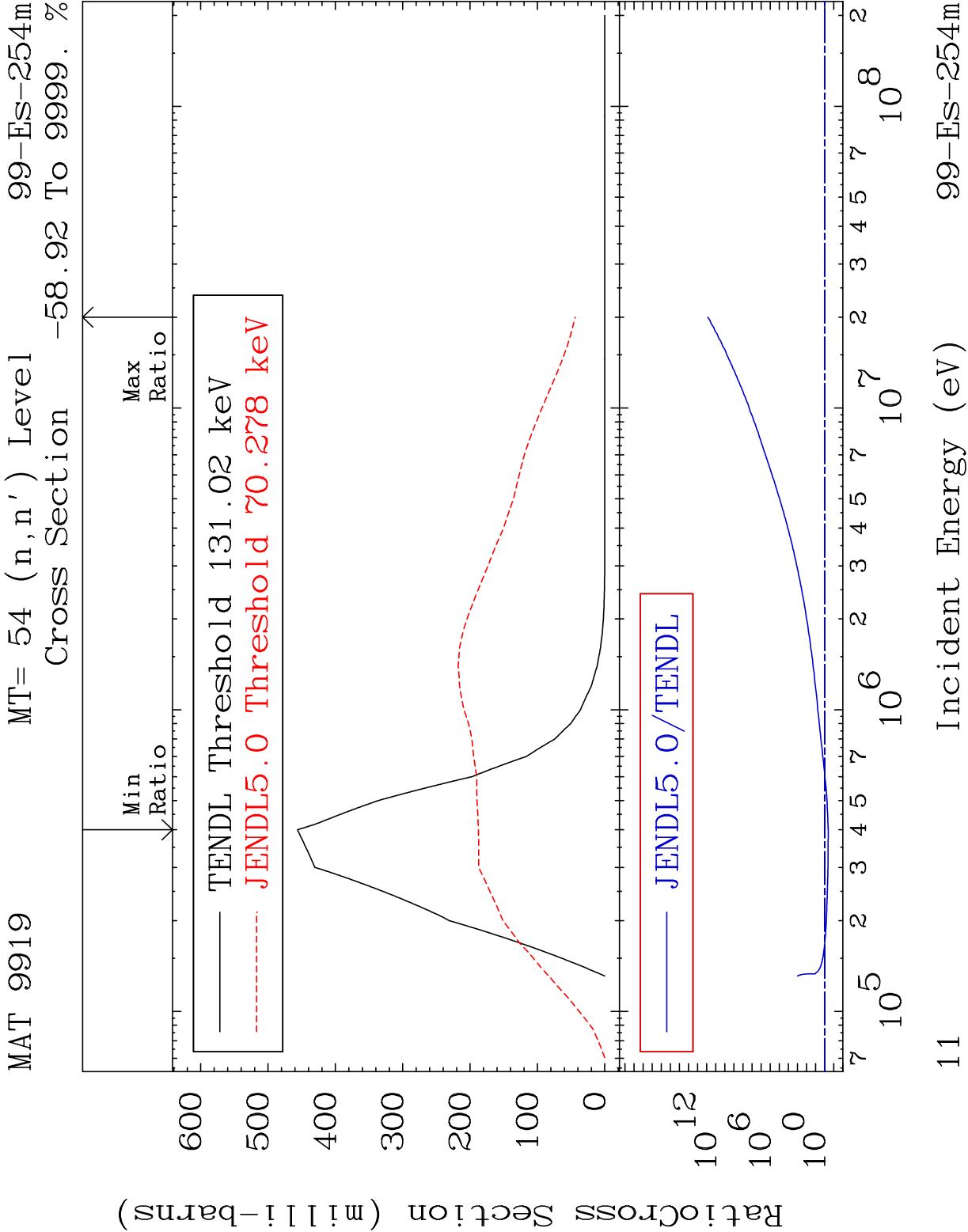
MAT 9919 MT= 52 (n,n') Level 99-Es-254m
 Cross Section -100.0 To -53.47%



MAT 9919 MT= 53 (n,n') Level 99-Es-254m
Cross Section 91.17 To 9999. %



10 Incident Energy (eV) 99-Es-254m

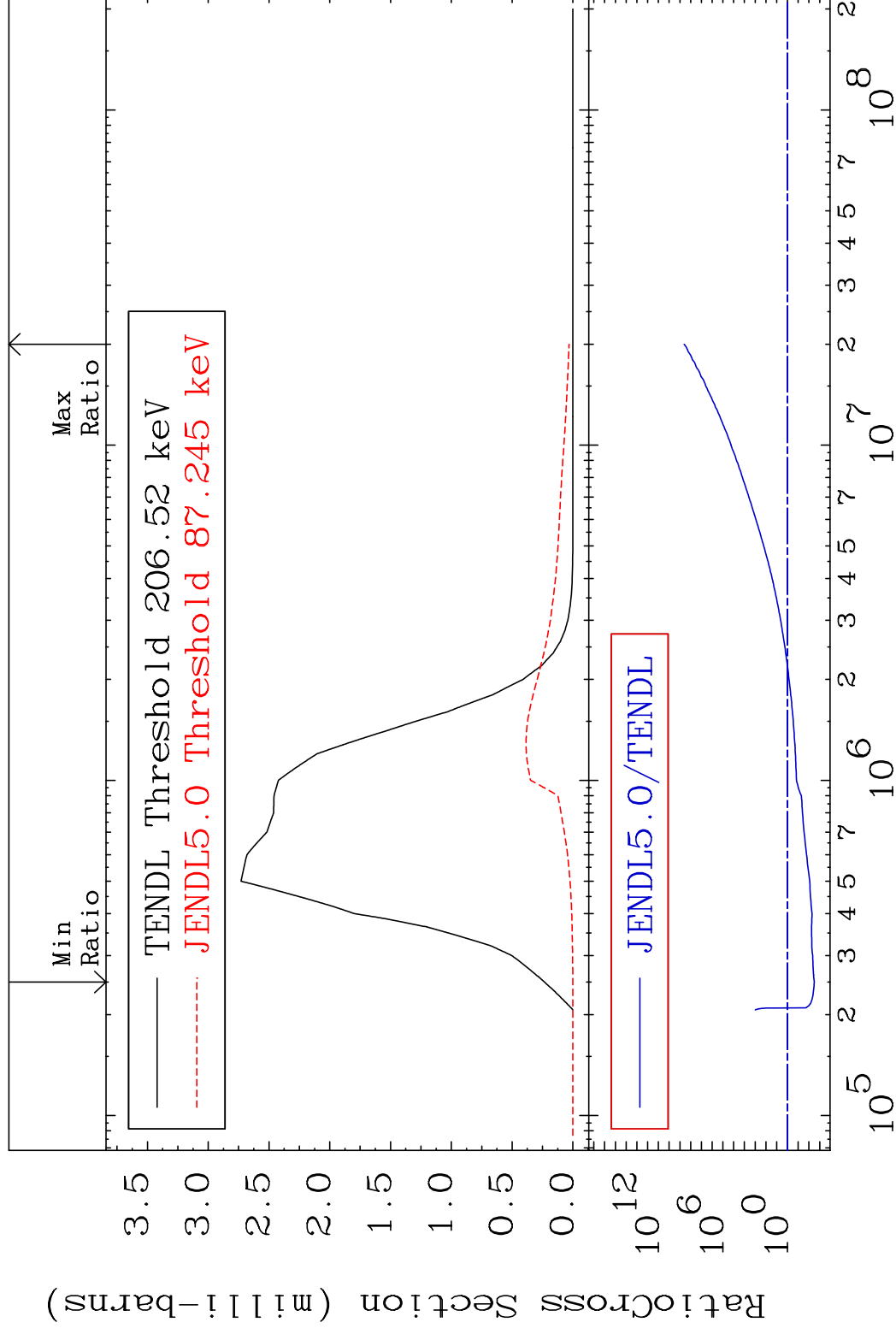


MAT 9919

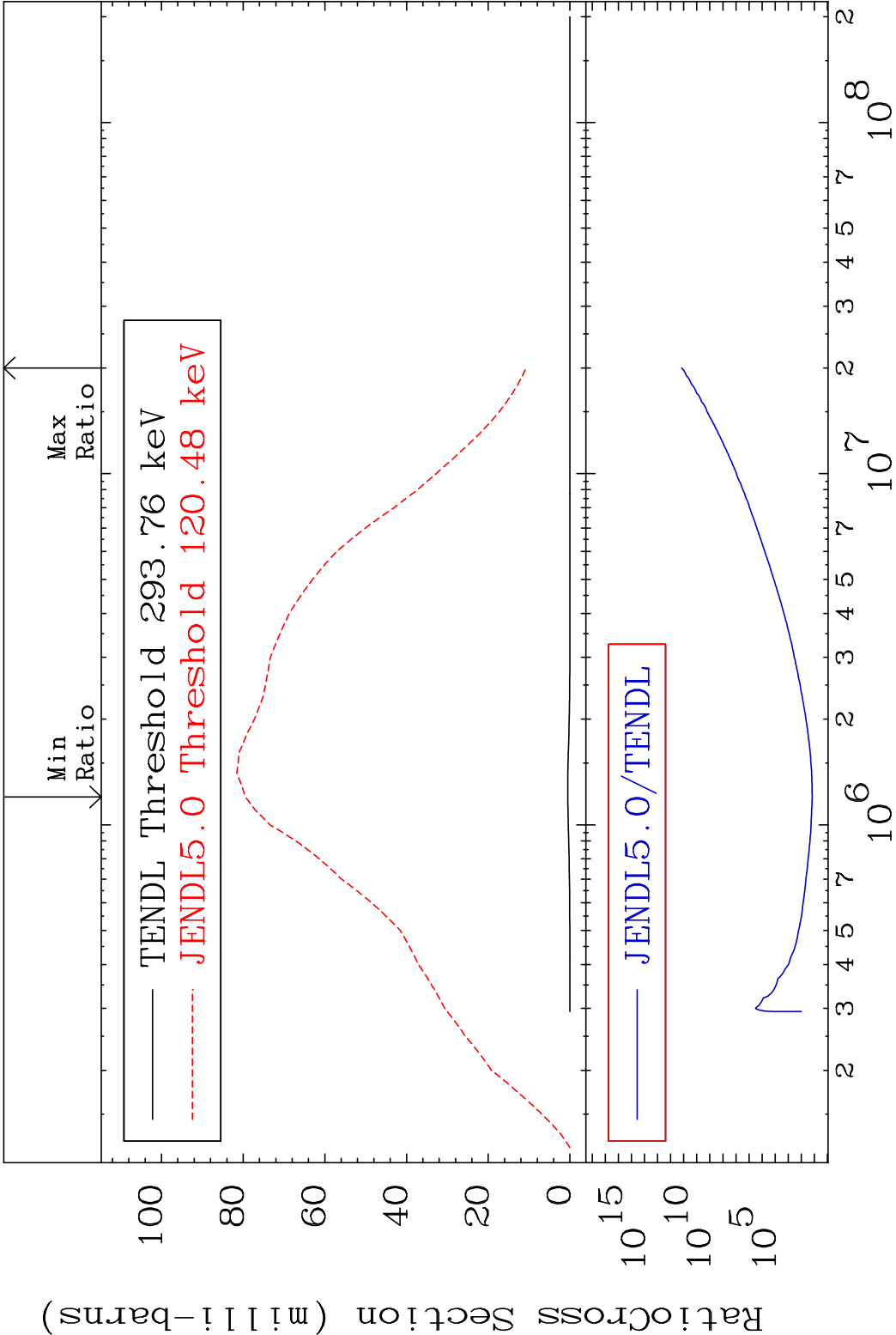
MT= 55 (n, n') Level

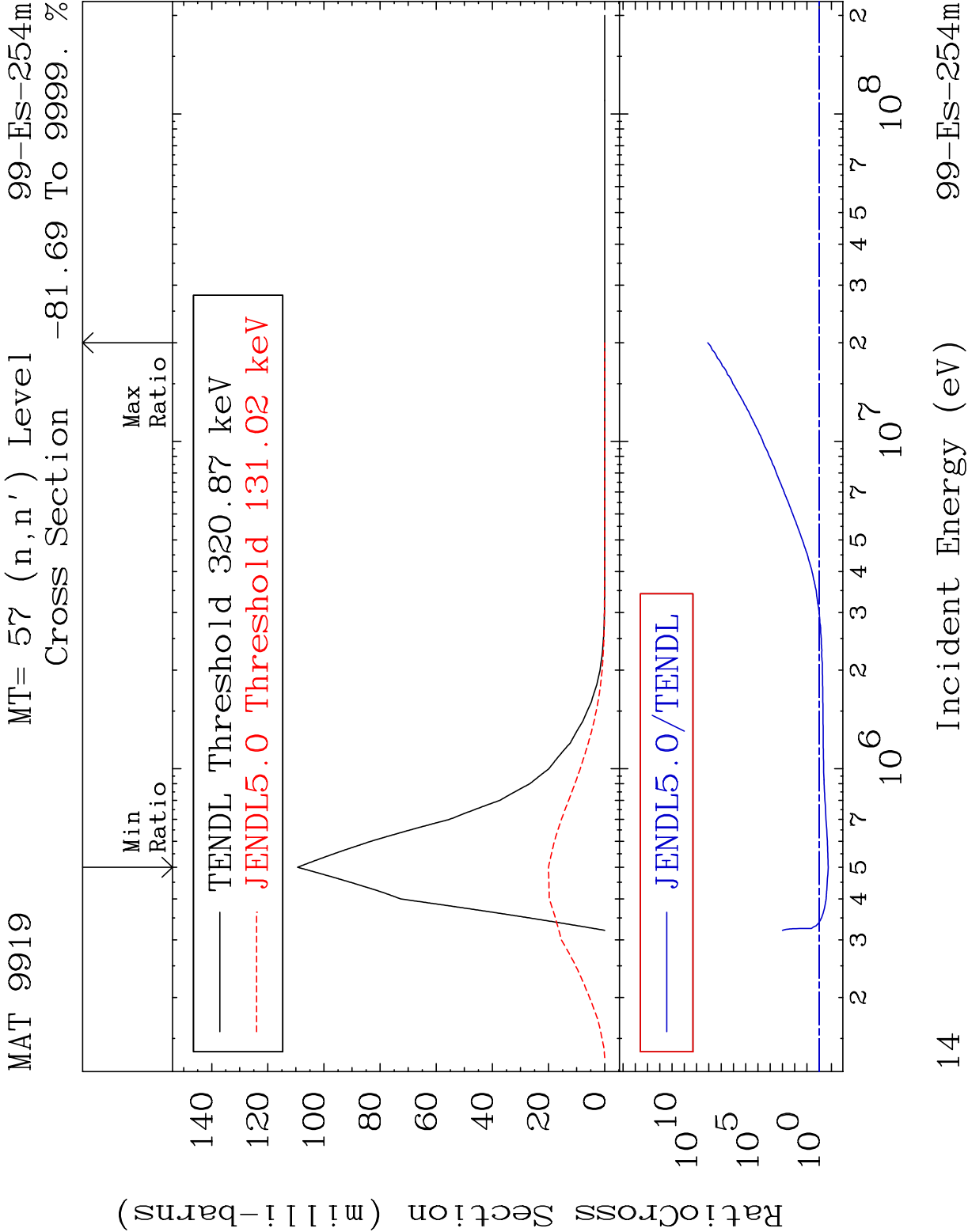
99-ES-254m

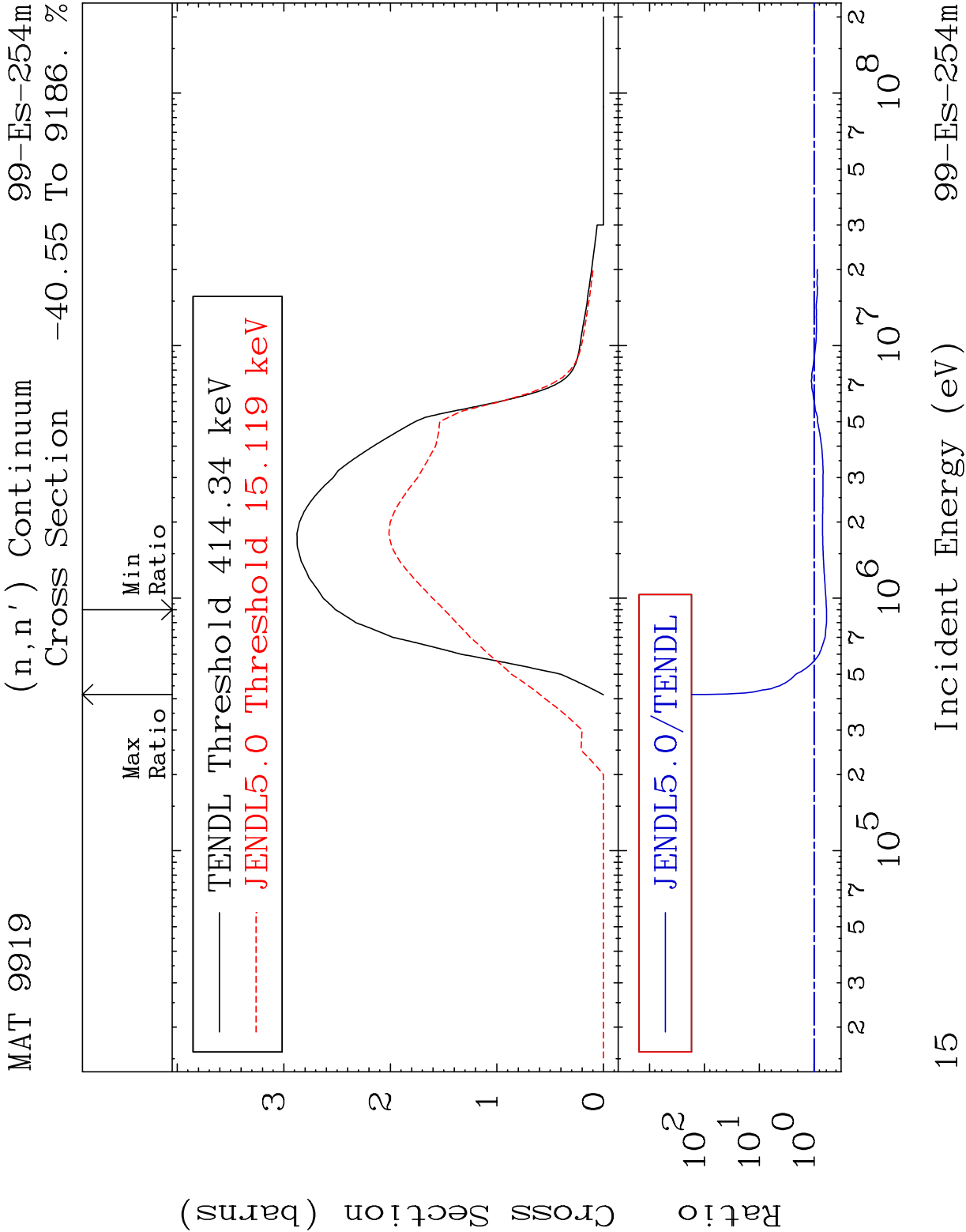
Cross Section -99.68 To 9999. %

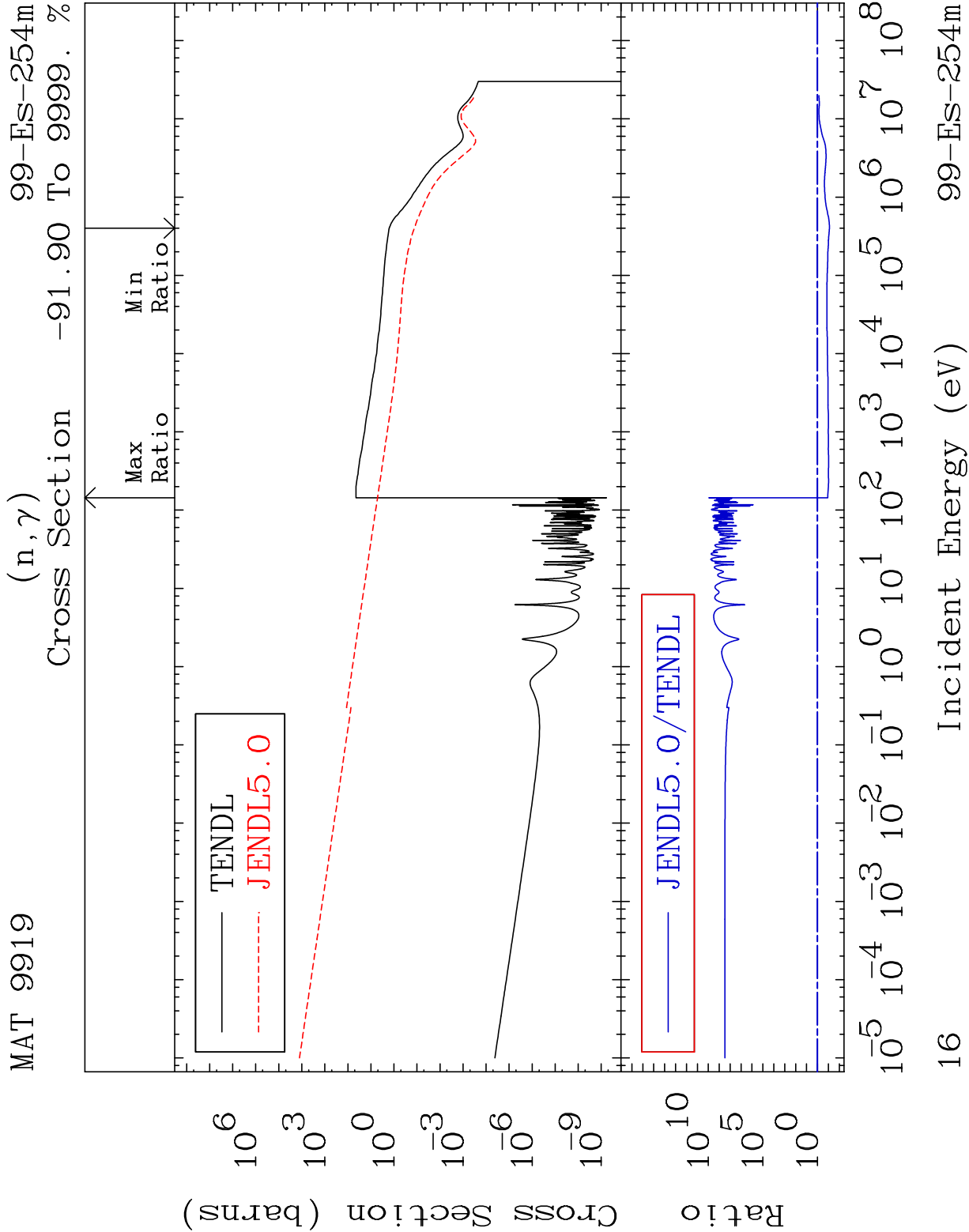


MAT 9919 MT= 56 (n,n') Level 99-Es-254m
Cross Section 9999. To 9999. %

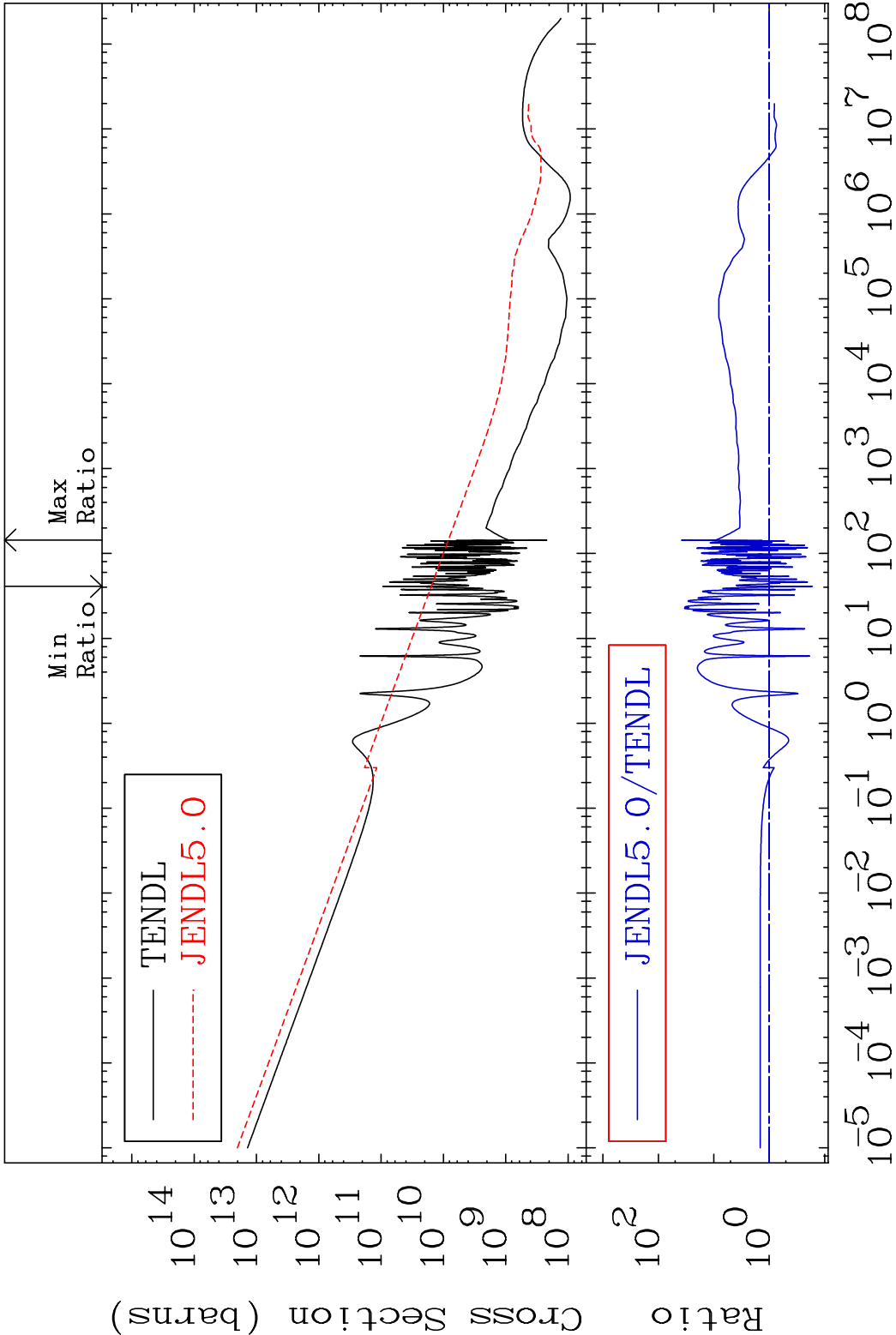




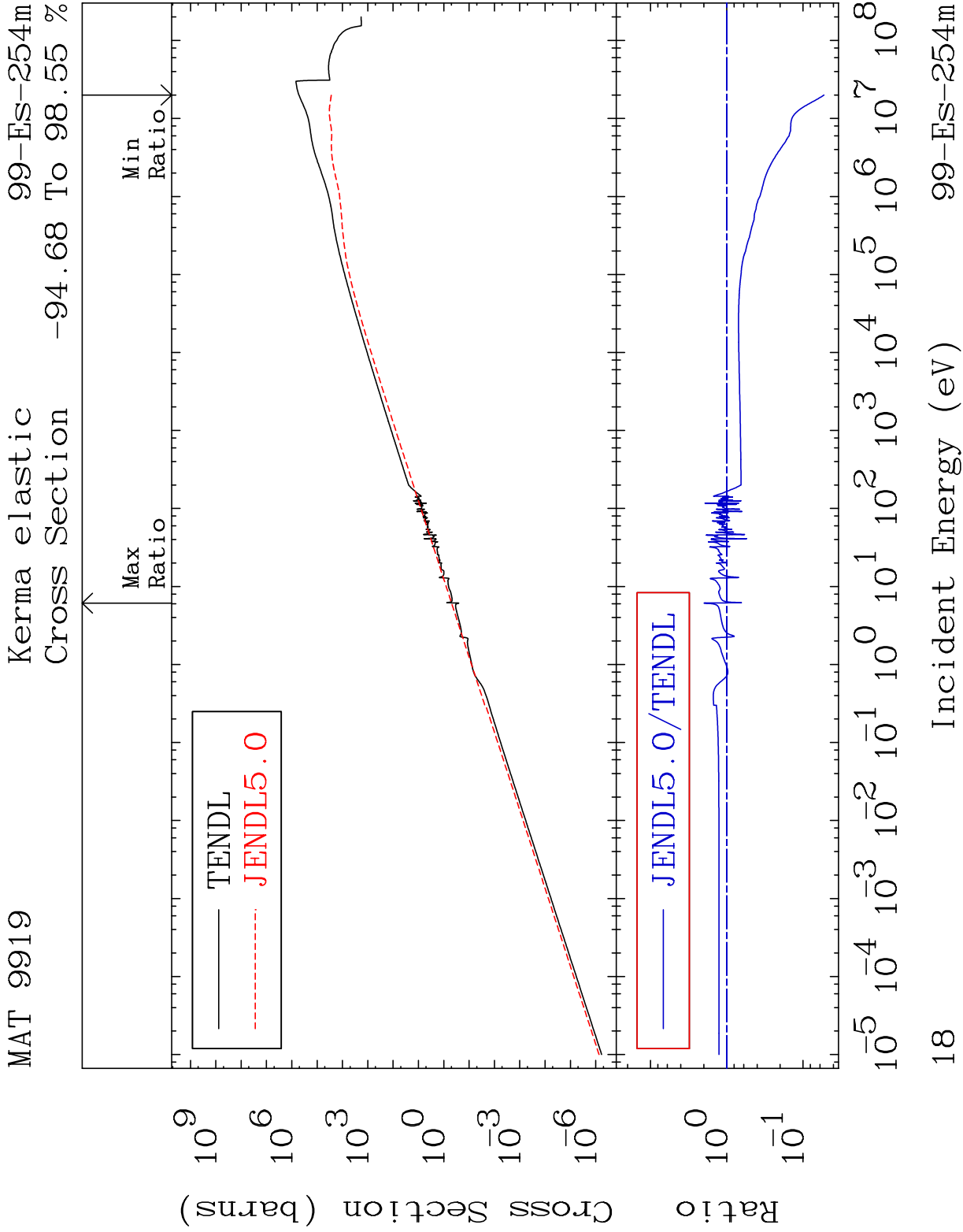




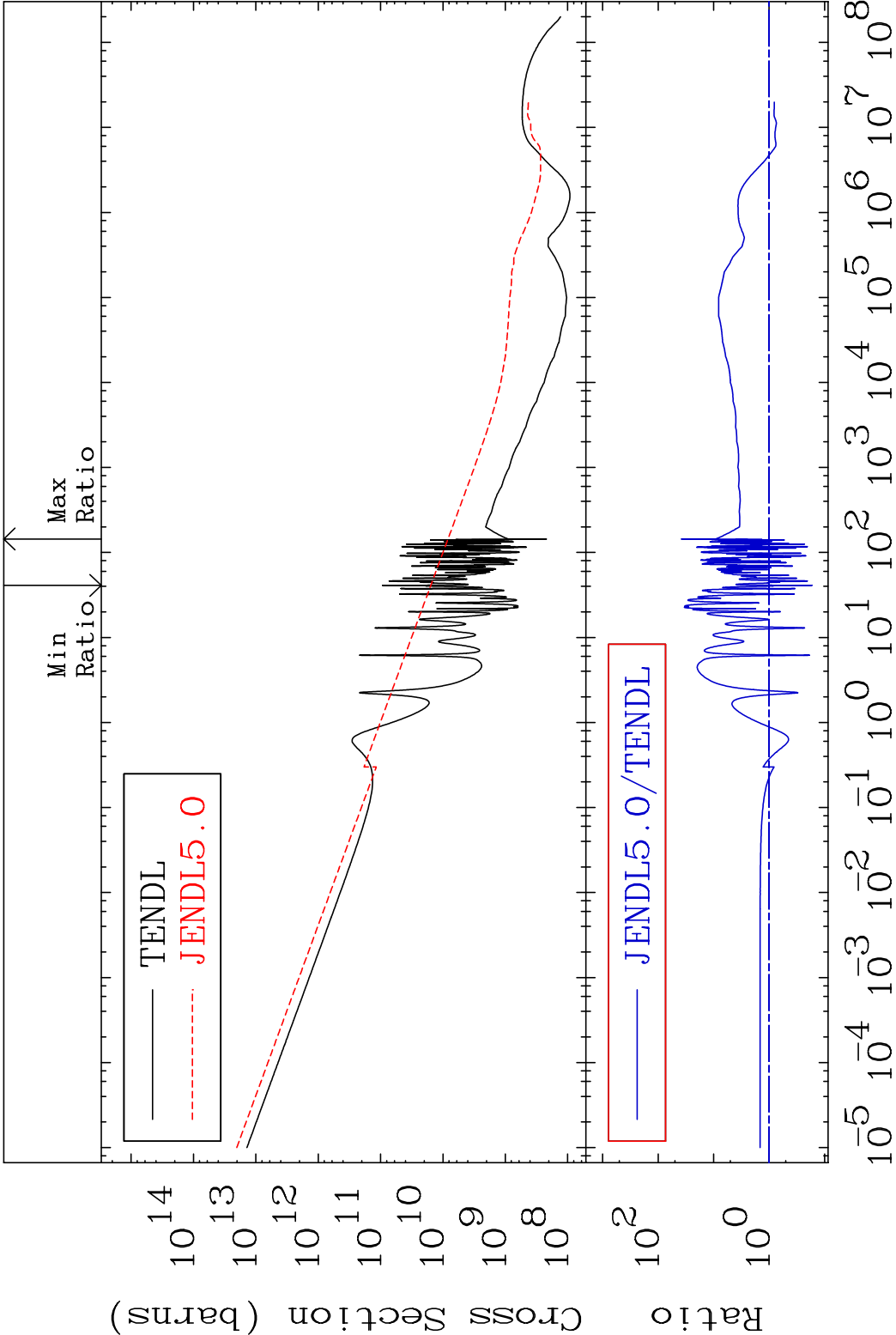
MAT 9919 Kerma total (eV-barns) 99-Es-254m
Cross Section -83.29 To 3685. %



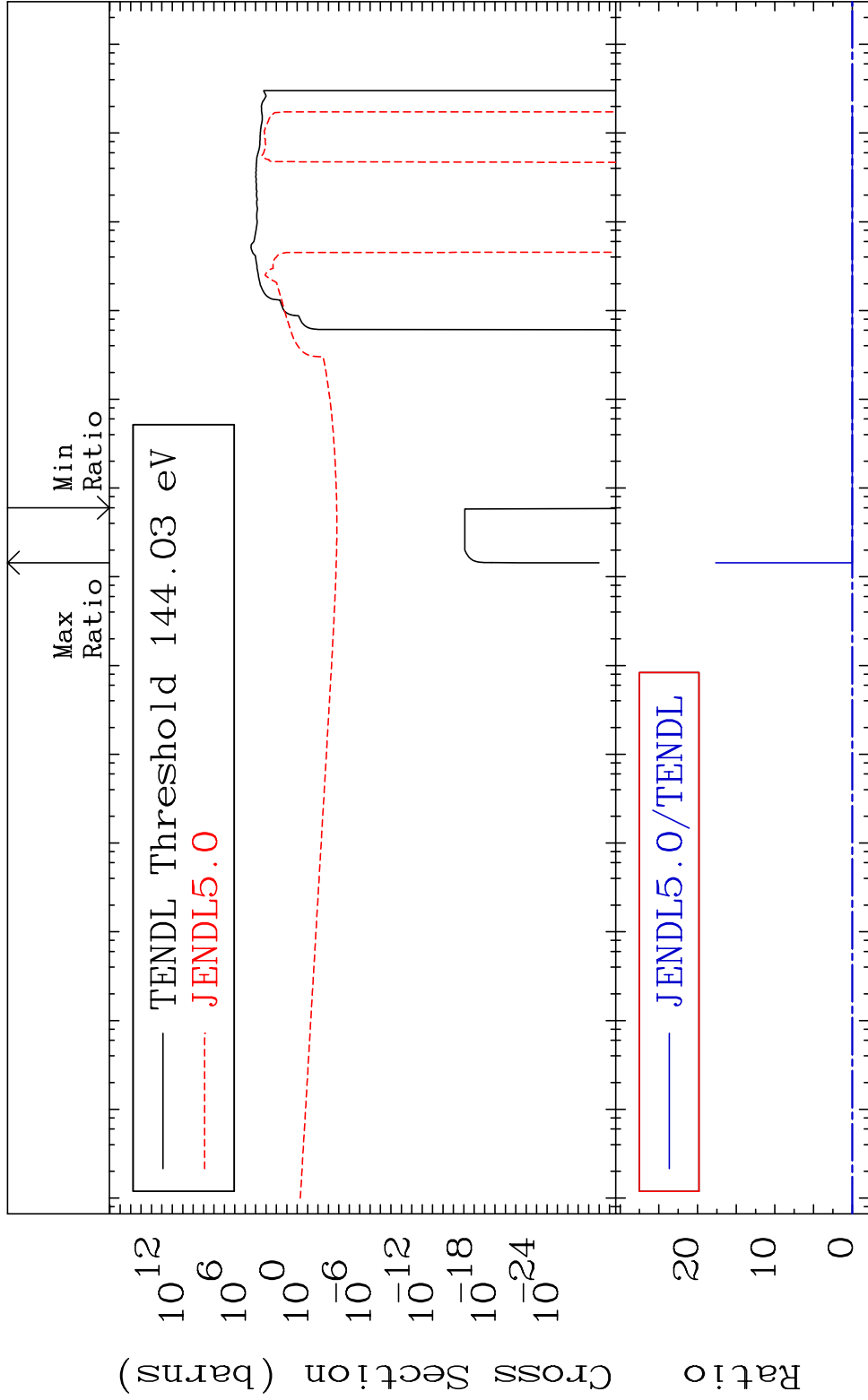
17 Incident Energy (eV) 99-Es-254m



MAT 9919 Kerma non-elastic (all but mt2) 99-Es-254m
Cross Section -83.29 To 3685. %

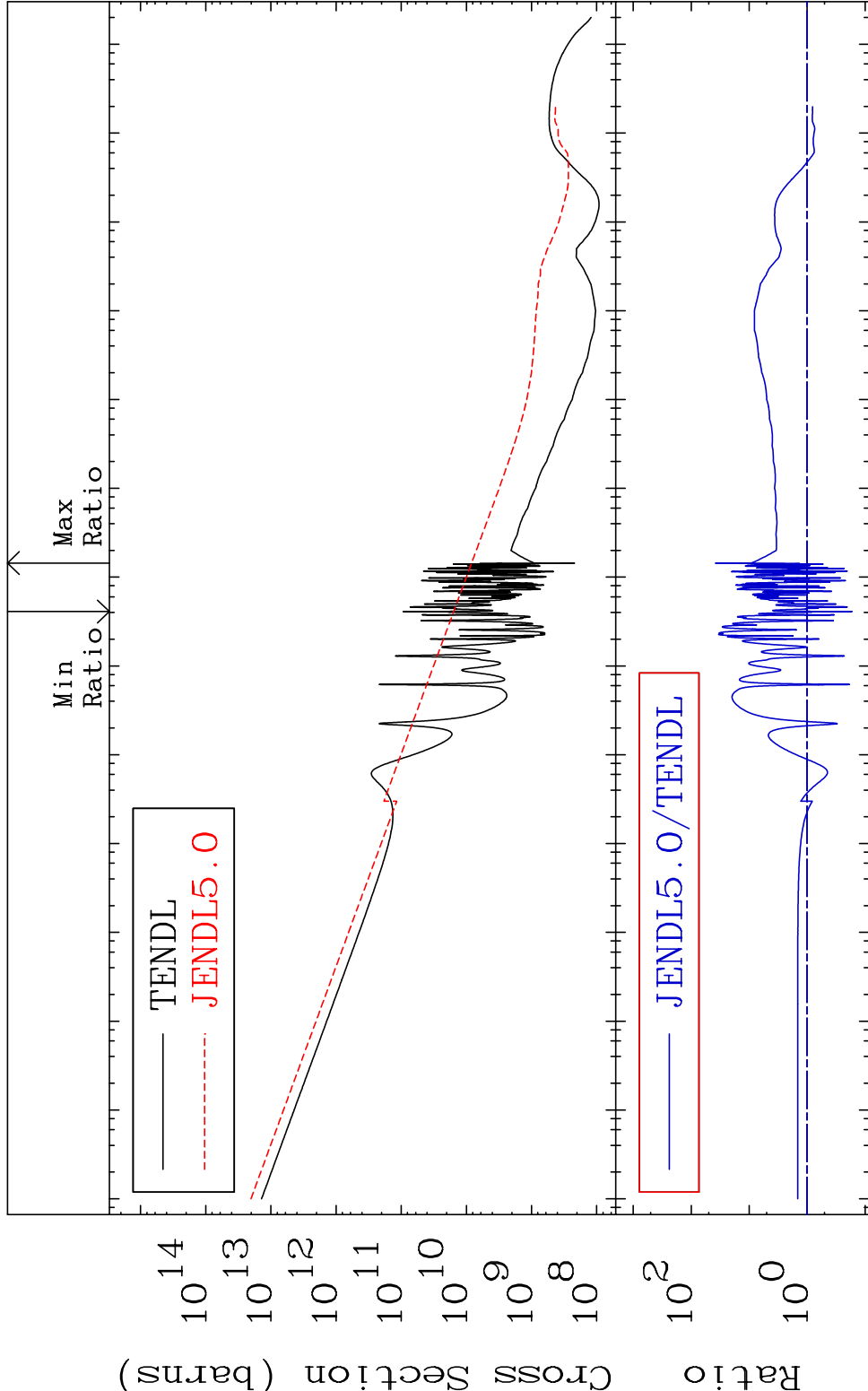


19 Incident Energy (eV) 99-Es-254m



MAT 9919Kerma fission (mt18 or mt19-20-21-339)-Es-254m

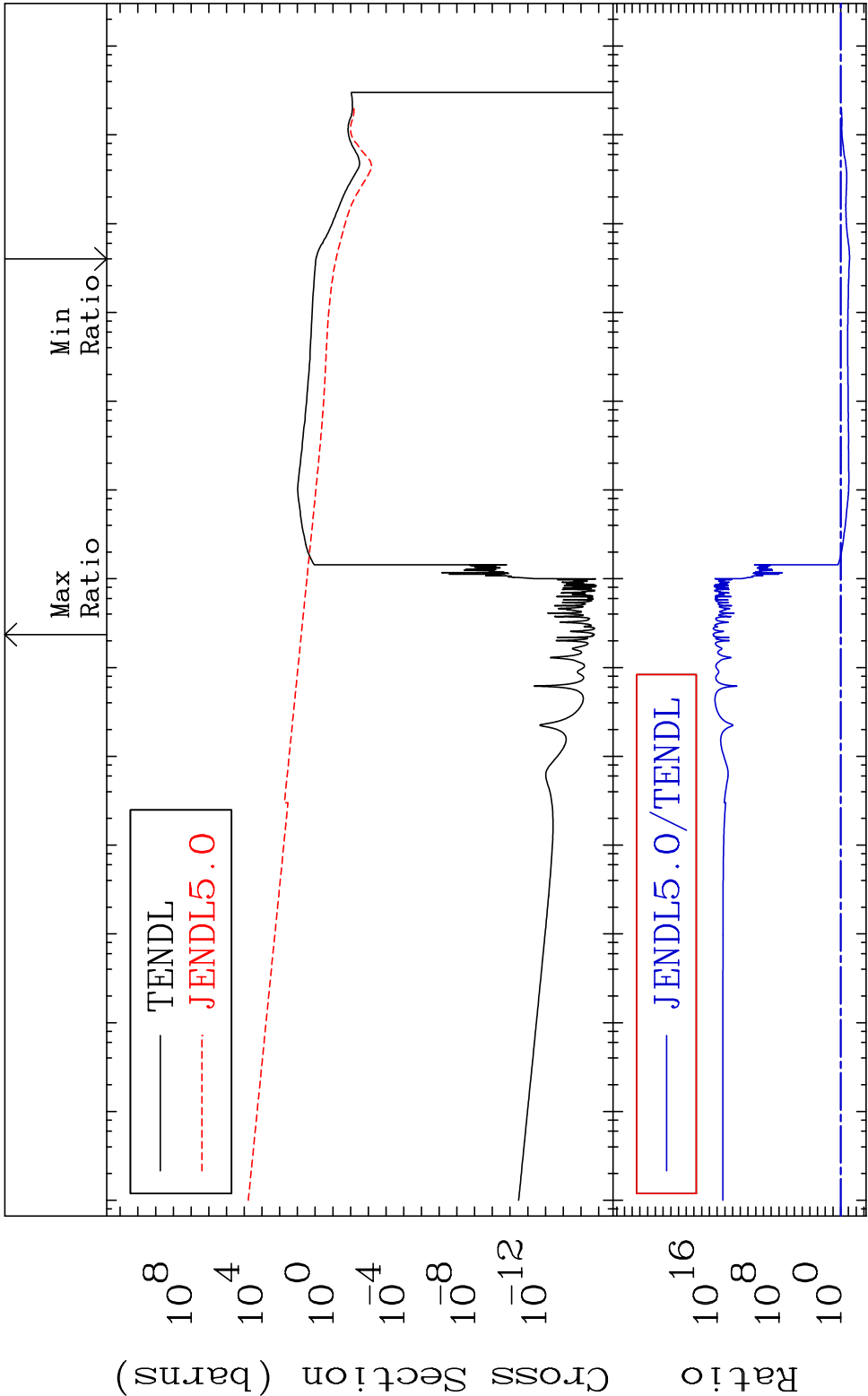
Cross Section -83.29 To 3685. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

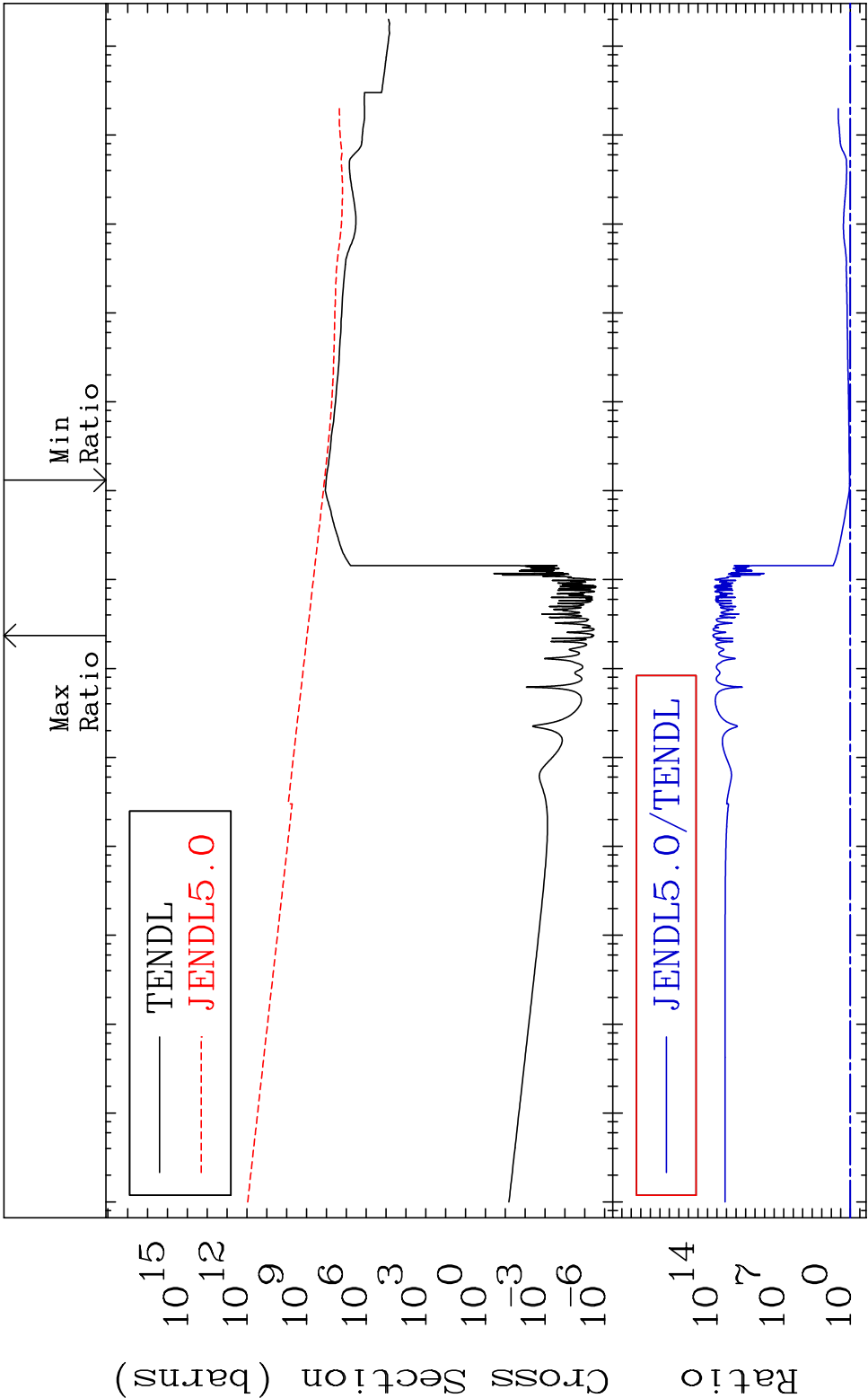
21 Incident Energy (eV) 99-Es-254m

MAT 9919 Kerma capture (mt102) 99-Es-254m
Cross Section -92.74 To 9999. %



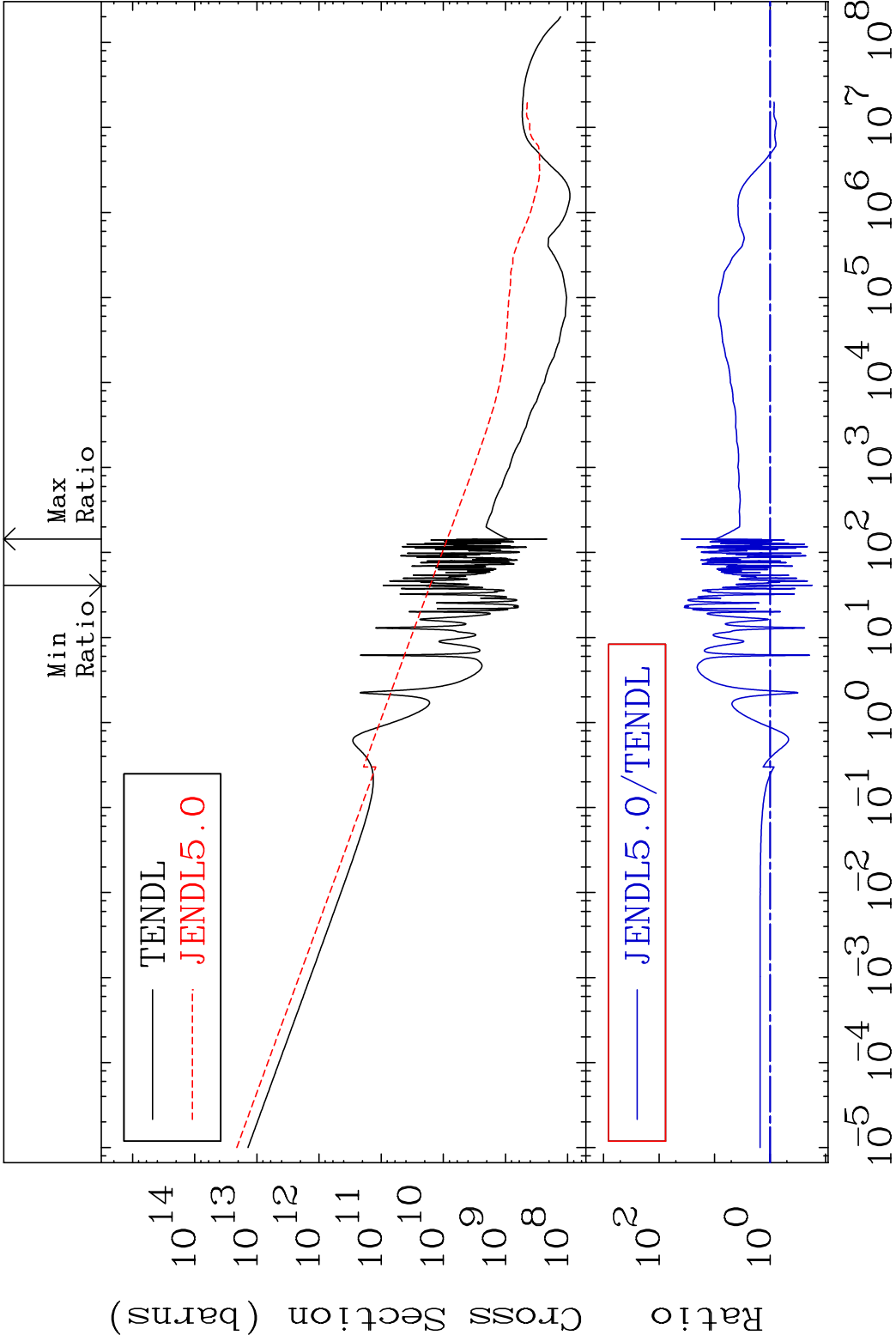
22 Incident Energy (eV) 99-Es-254m

MAT 9919	Total photon (eV-barns)	99-Es-254m
	Cross Section	22.41 To 9999. %



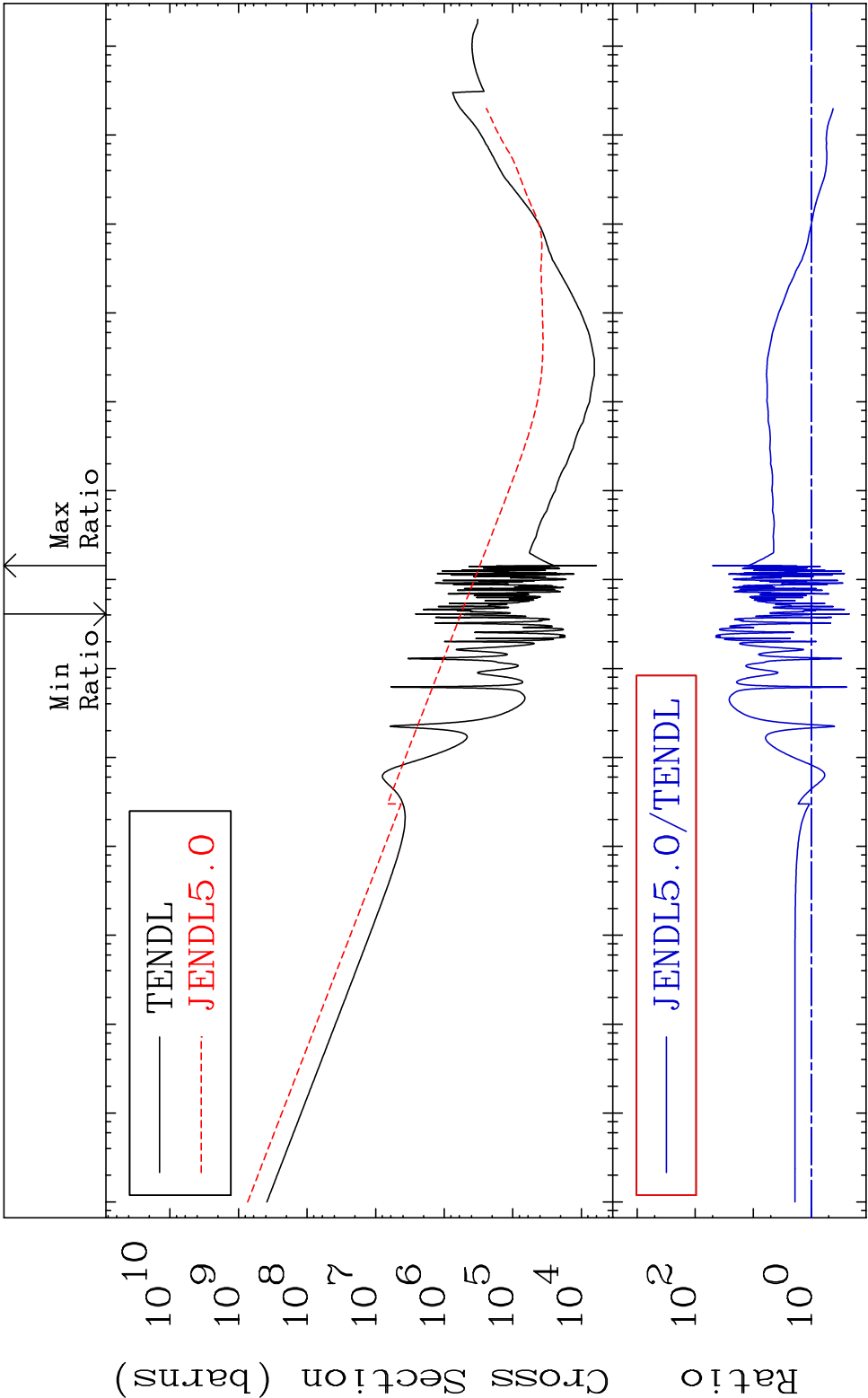
23	Incident Energy (eV)	99-Es-254m
----	----------------------	------------

MAT 9919 Total kinematic kerma (high limit)99-Es-254m
Cross Section -82.59 To 3843. %

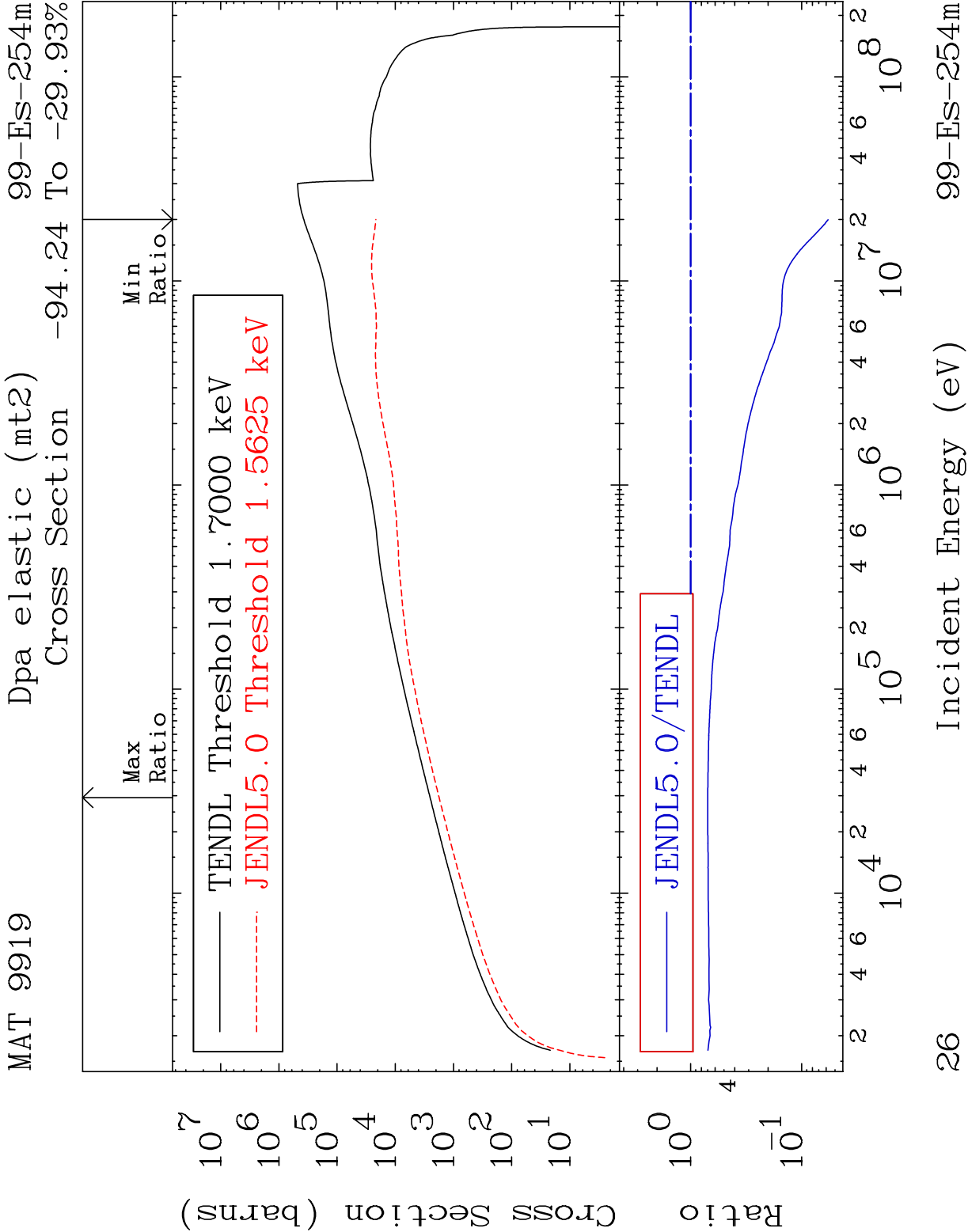


24 Incident Energy (eV) 99-Es-254m

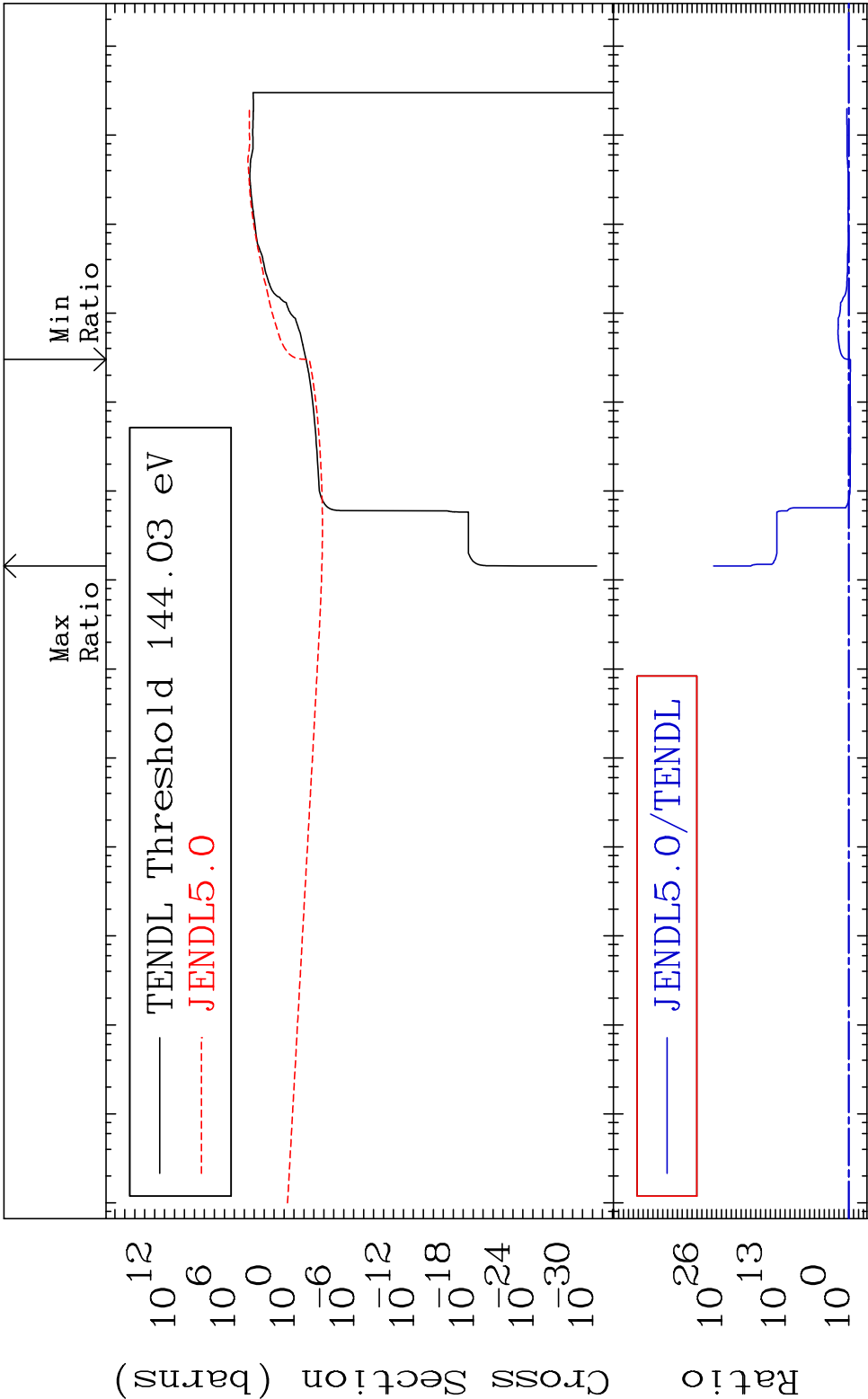
MAT 9919 Dpa total (eV-barns) 99-Es-254m
 Cross Section -78.07 To 4867. %



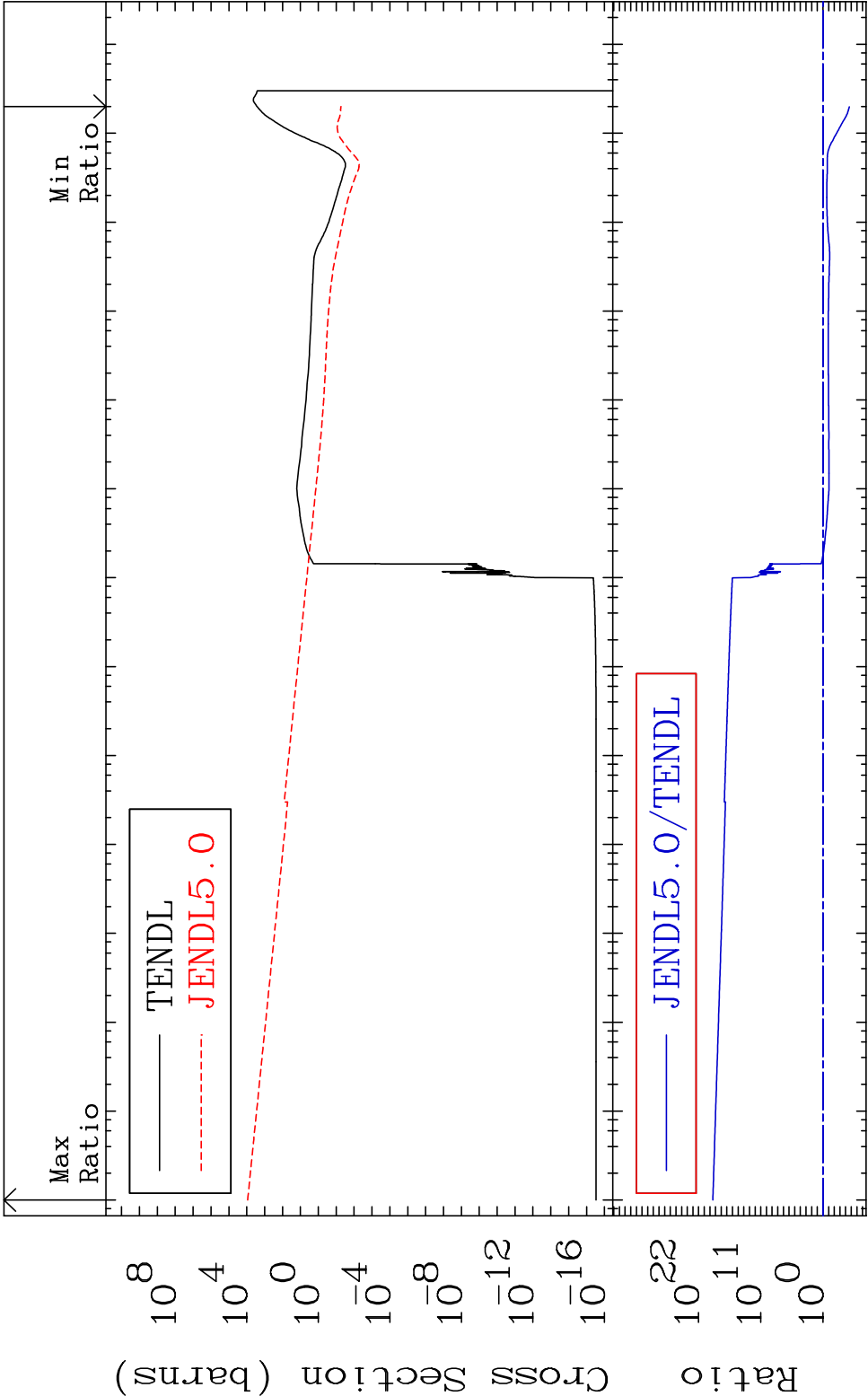
25 Incident Energy (eV) 99-Es-254m



MAT 9919 Dpa inelastic (mt51-91) 99-Es-254m
 Cross Section -53.20 To 9999. %

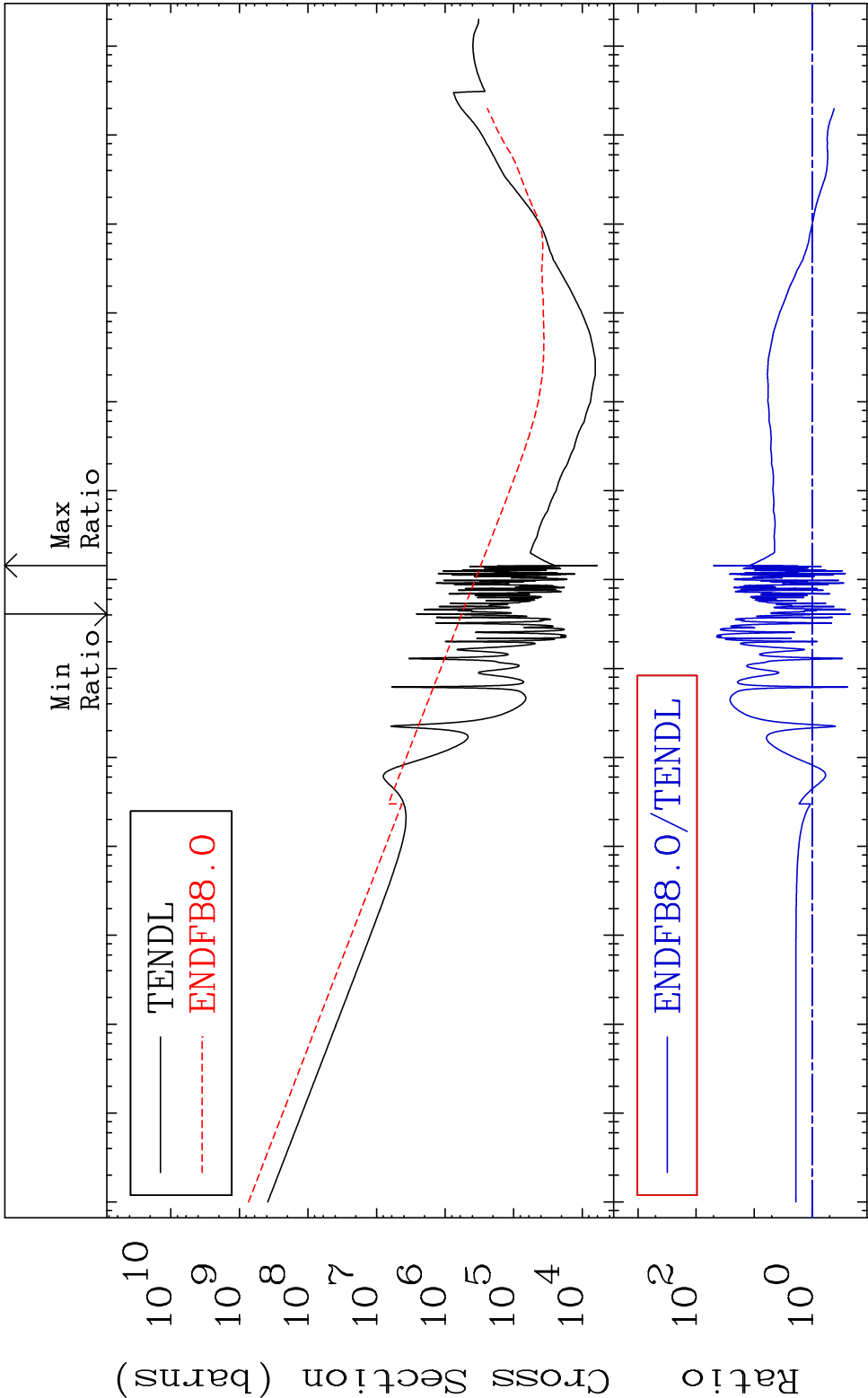


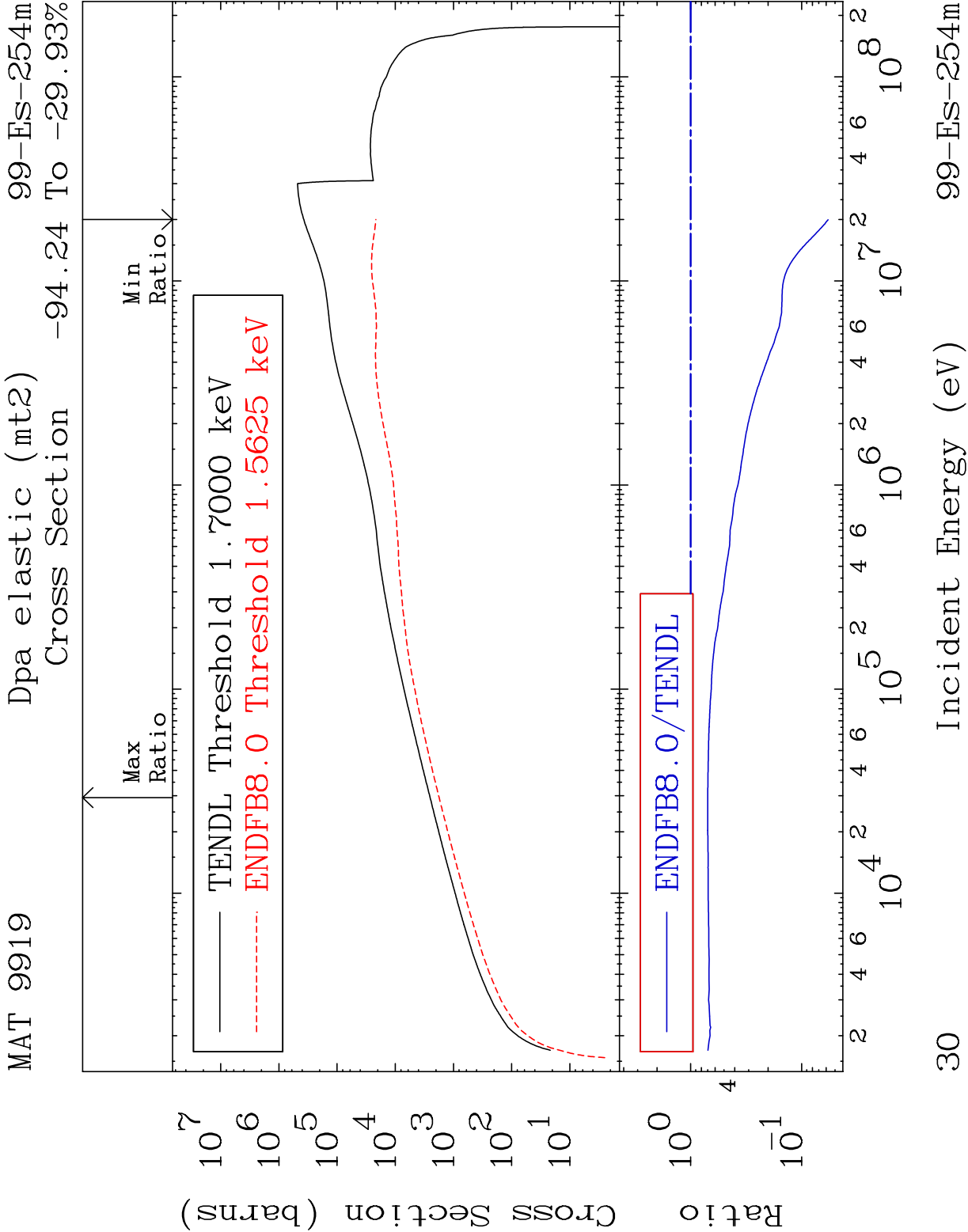
MAT 9919 Dpa disappearance (mt102 -120) 99-Es-254m
Cross Section -100.0 To 9999. %



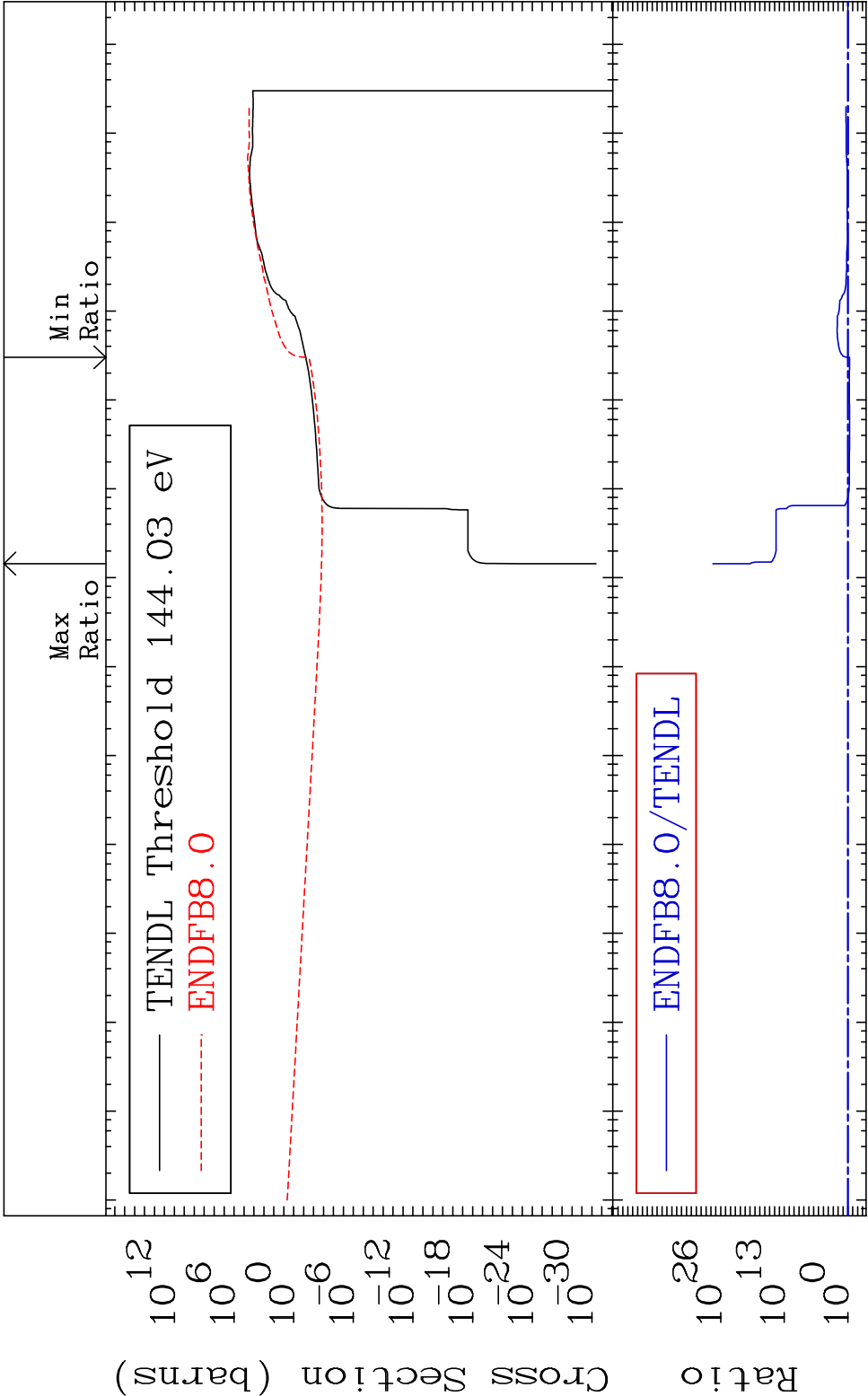
28 Incident Energy (eV) 99-Es-254m

MAT 9919 Dpa total (eV-barns) 99-Es-254m
Cross Section -78.07 To 4867. %



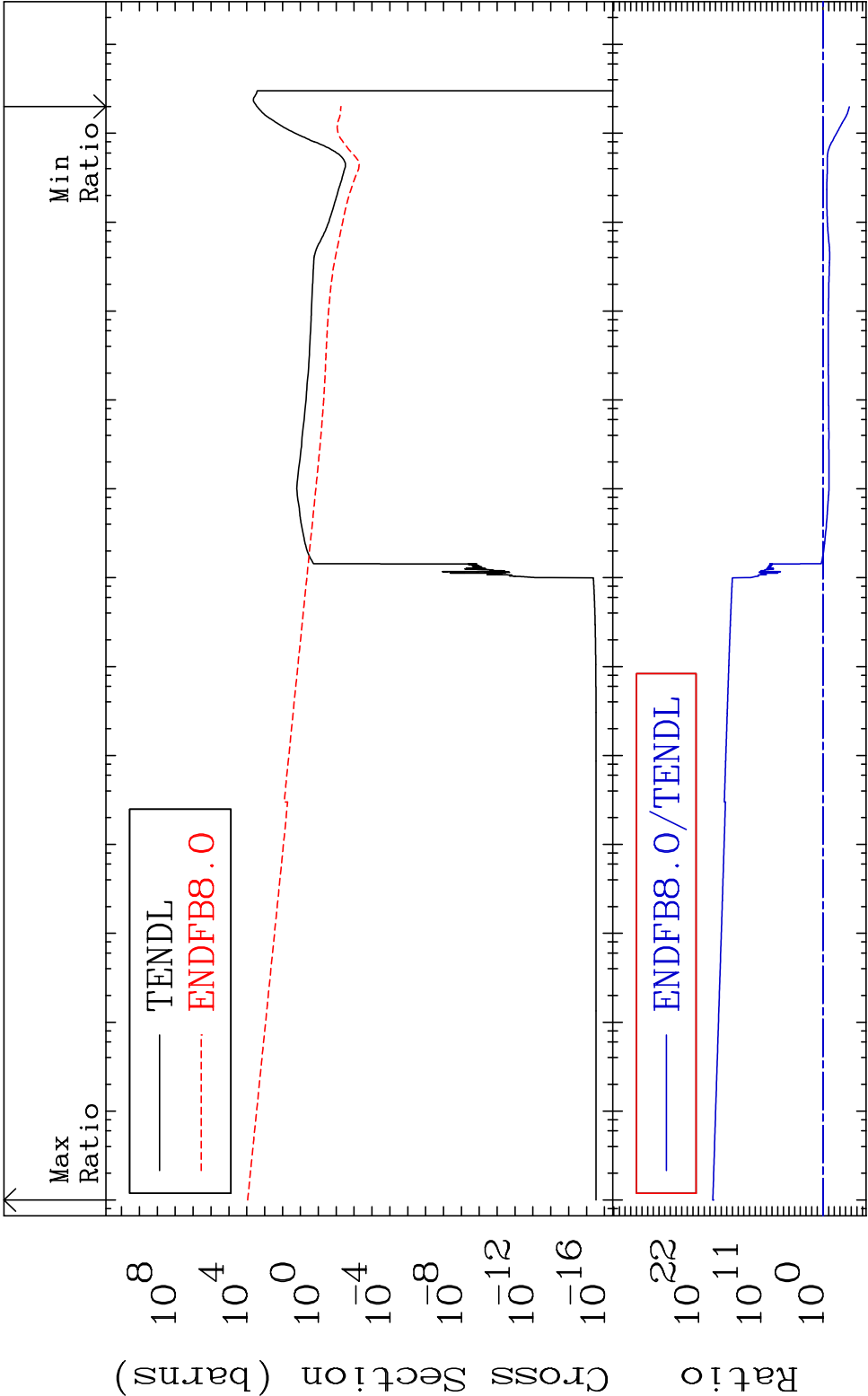


MAT 9919 Dpa inelastic (mt51-91) 99-Es-254m
Cross Section -53.20 To 9999. %



31 Incident Energy (eV) 99-Es-254m

MAT 9919 Dpa disappearance (mt102 -120) 99-Es-254m
Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 99-Es-254m