

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way

Livermore, CA 94550

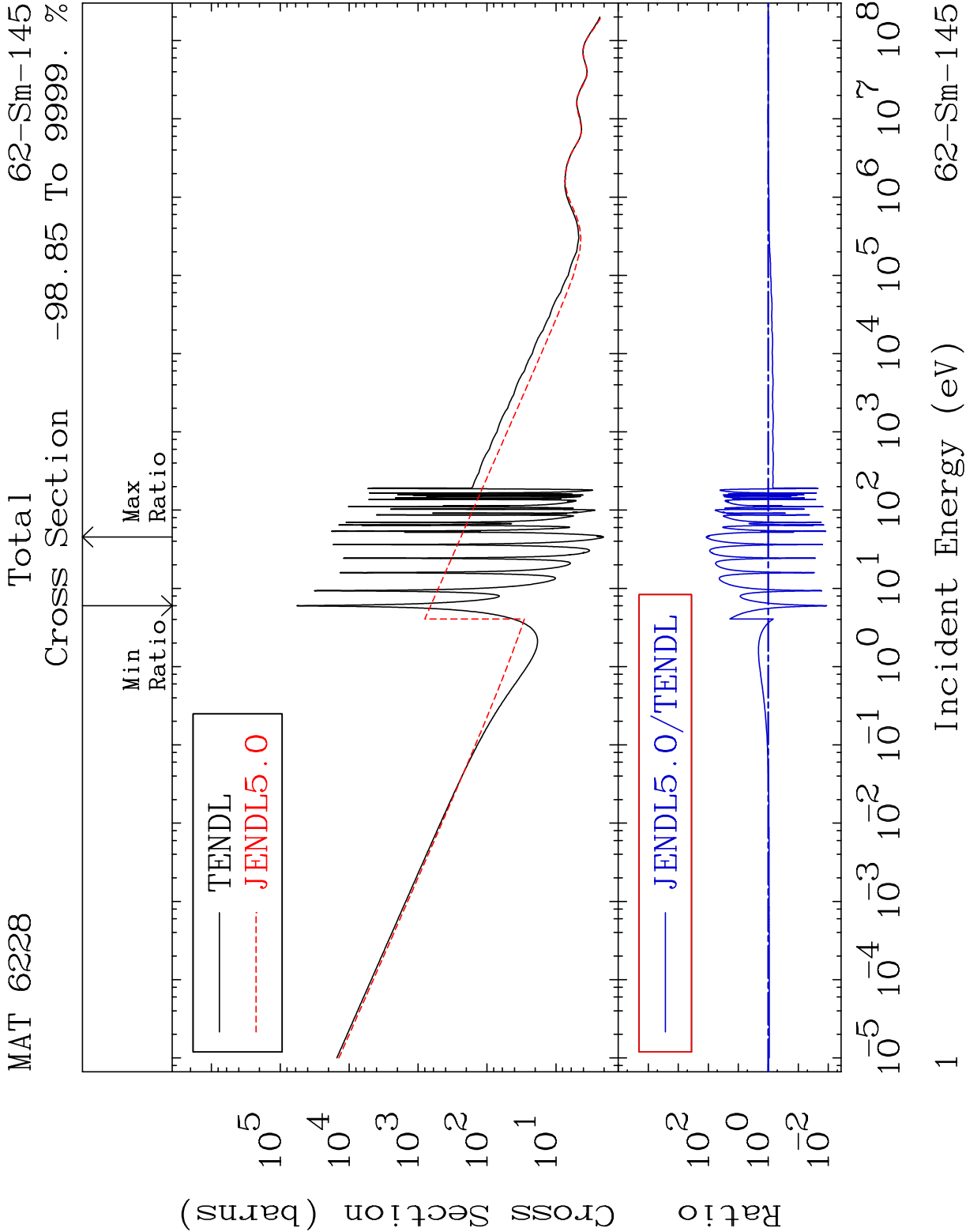
U.S.A.

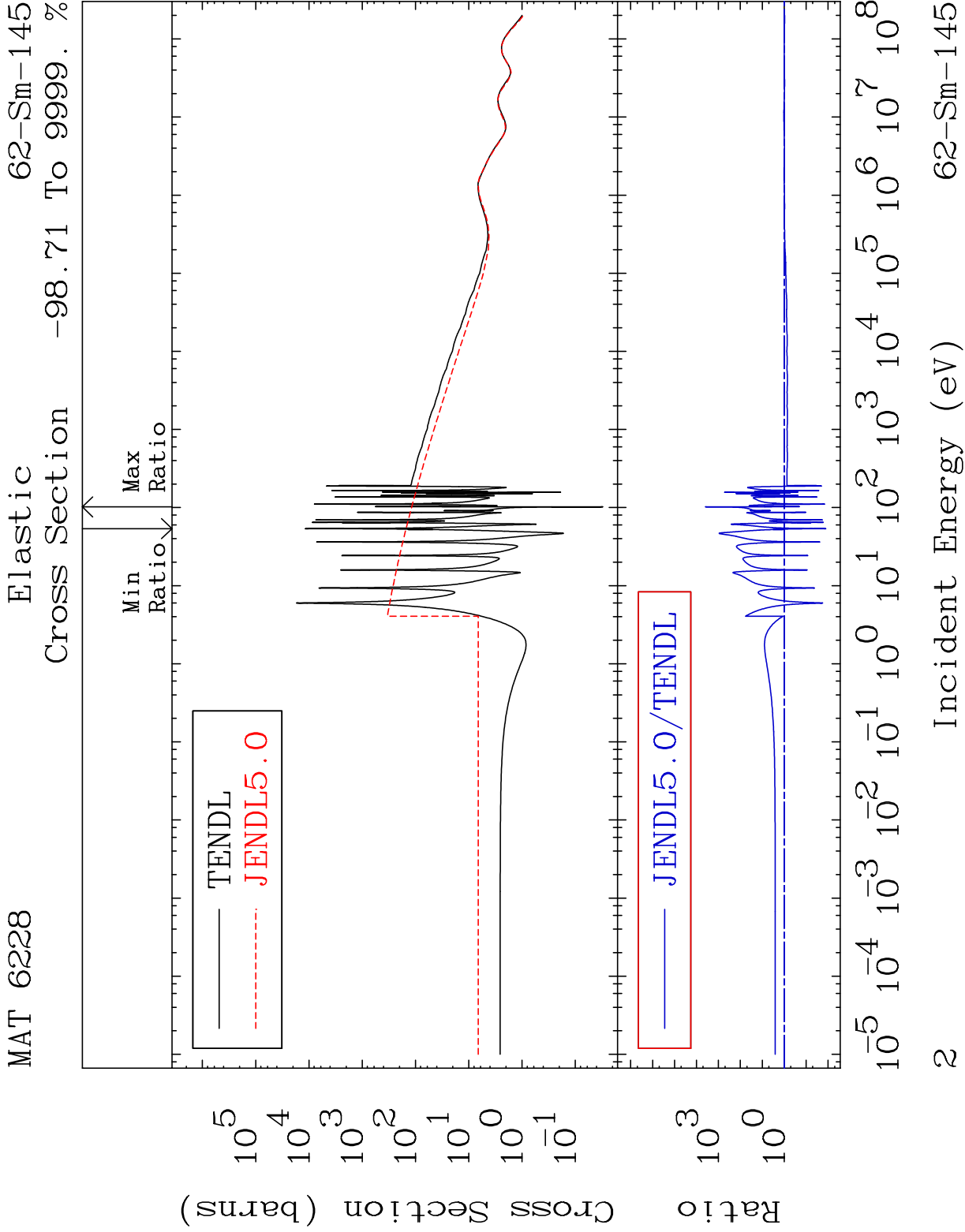
Tele: 925-443-1911

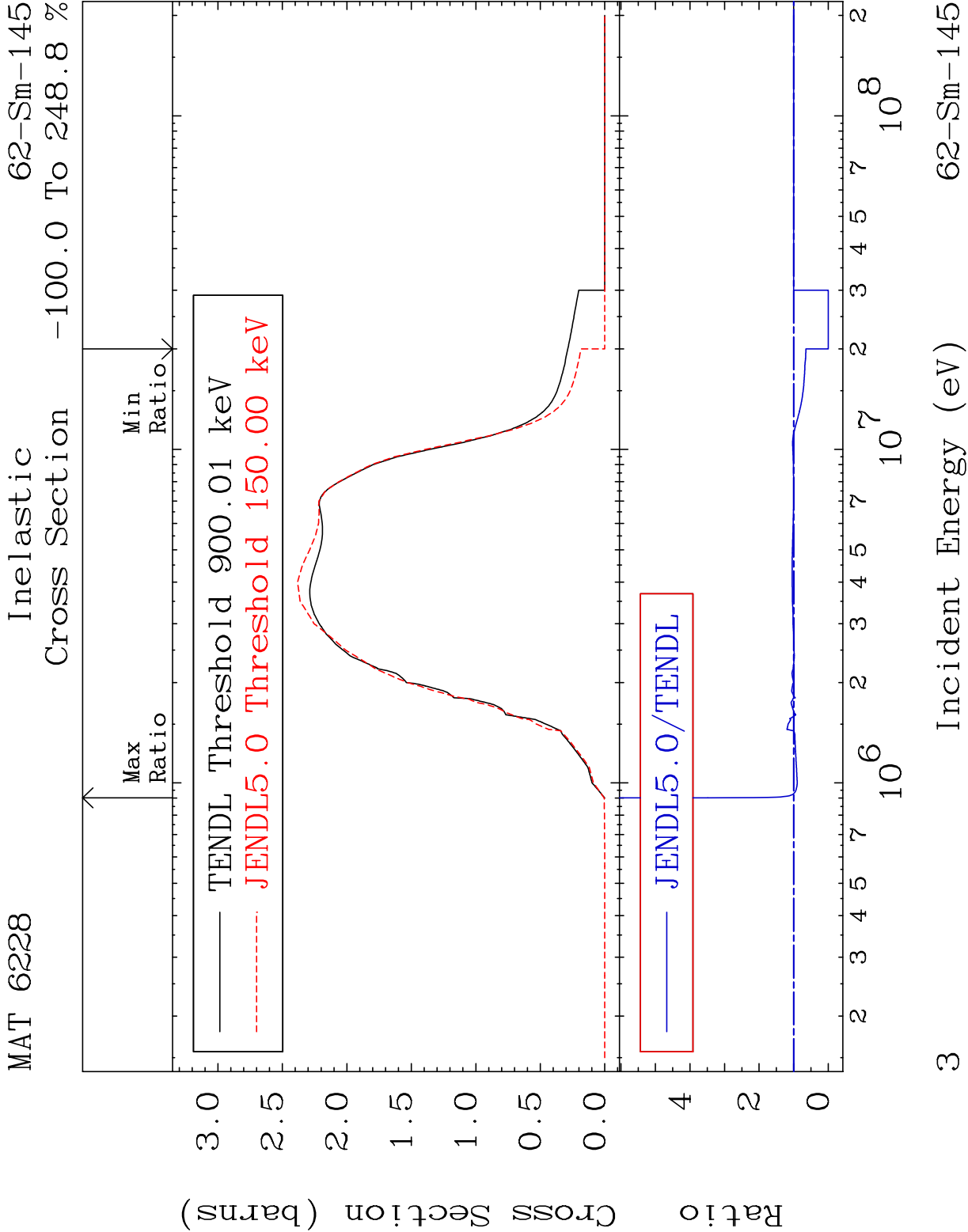
E.Mail: redcullen1@comcast.net

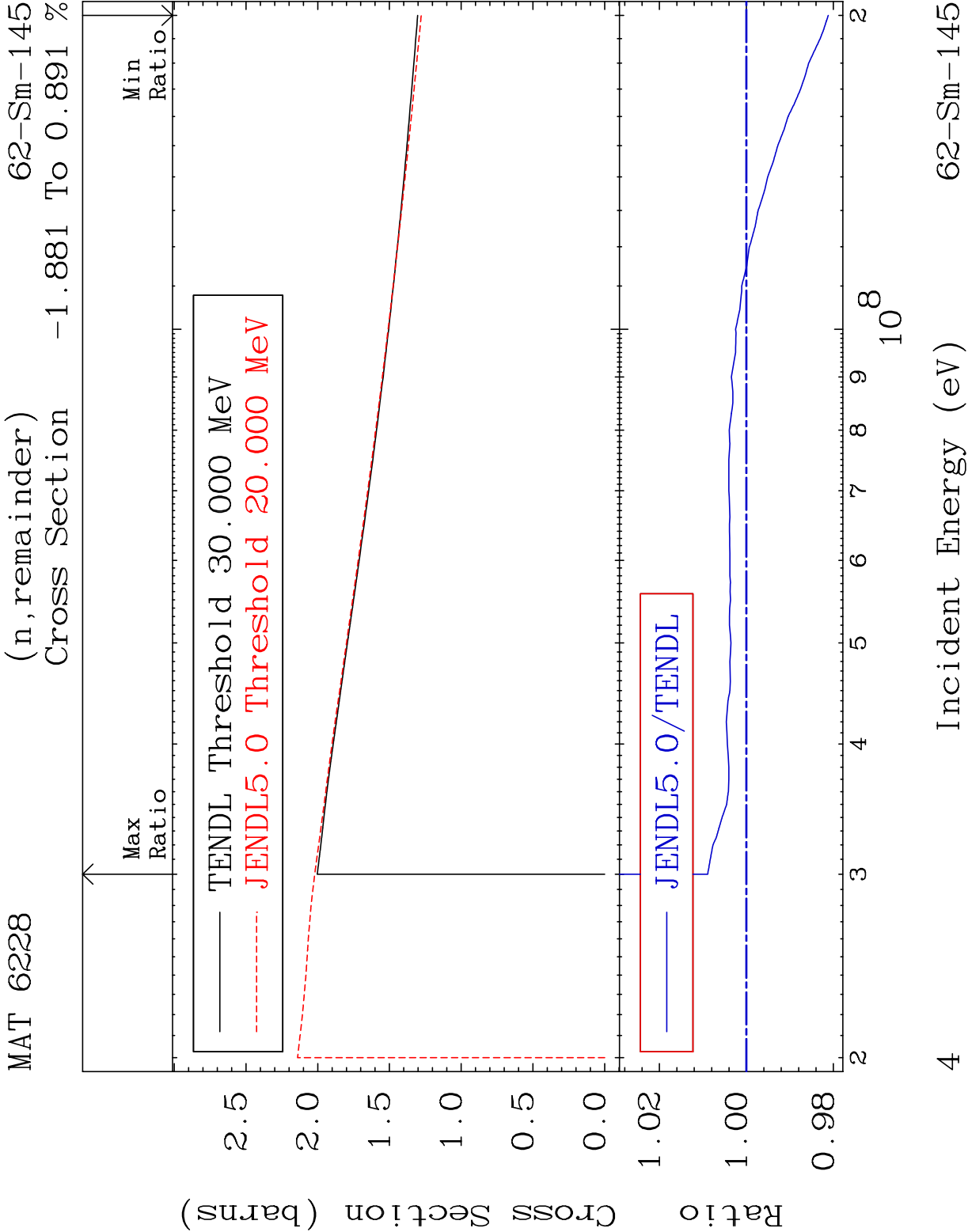
Web: redcullen1.net/HOMEPAGE.NEW

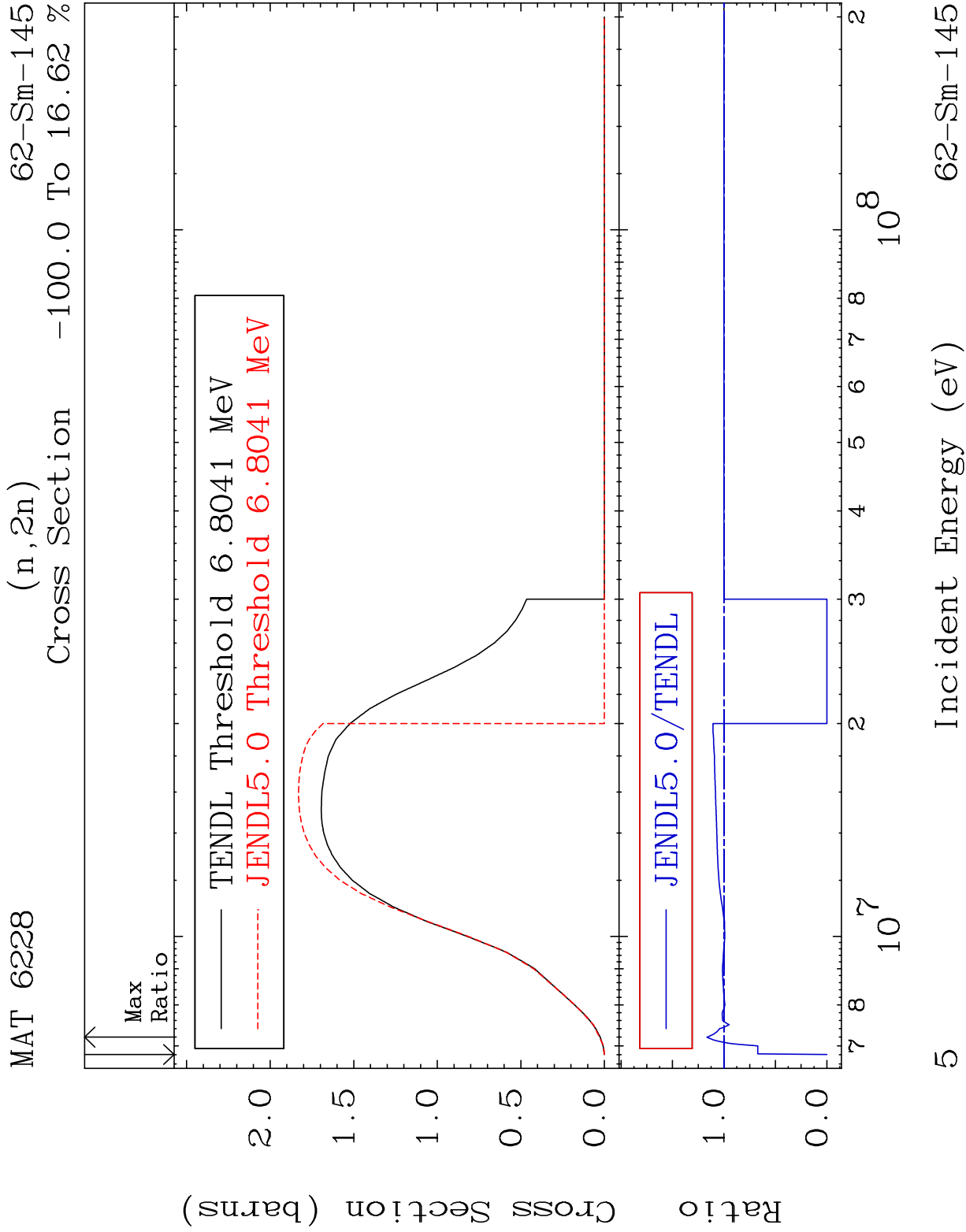
Press Mouse Button to Start

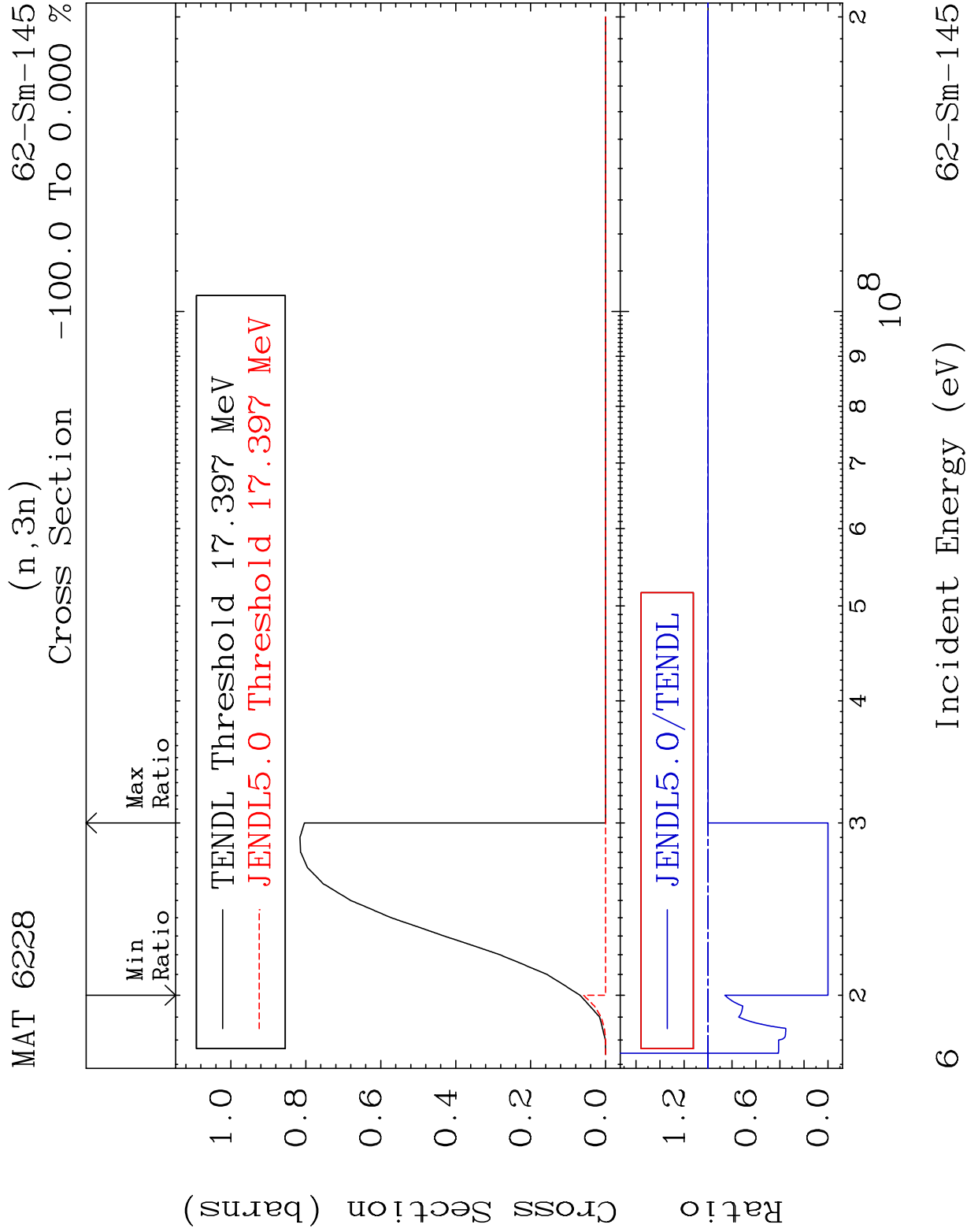


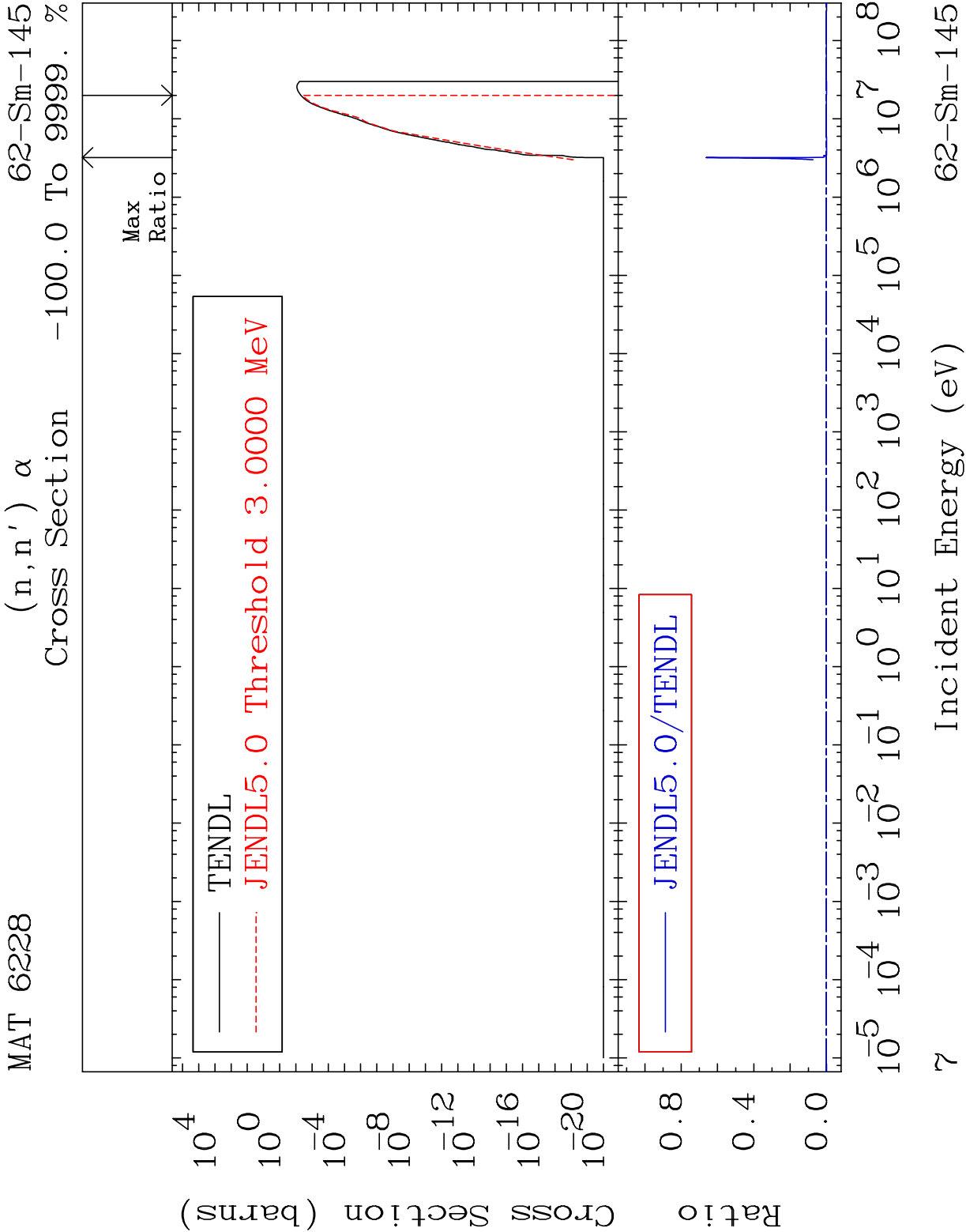


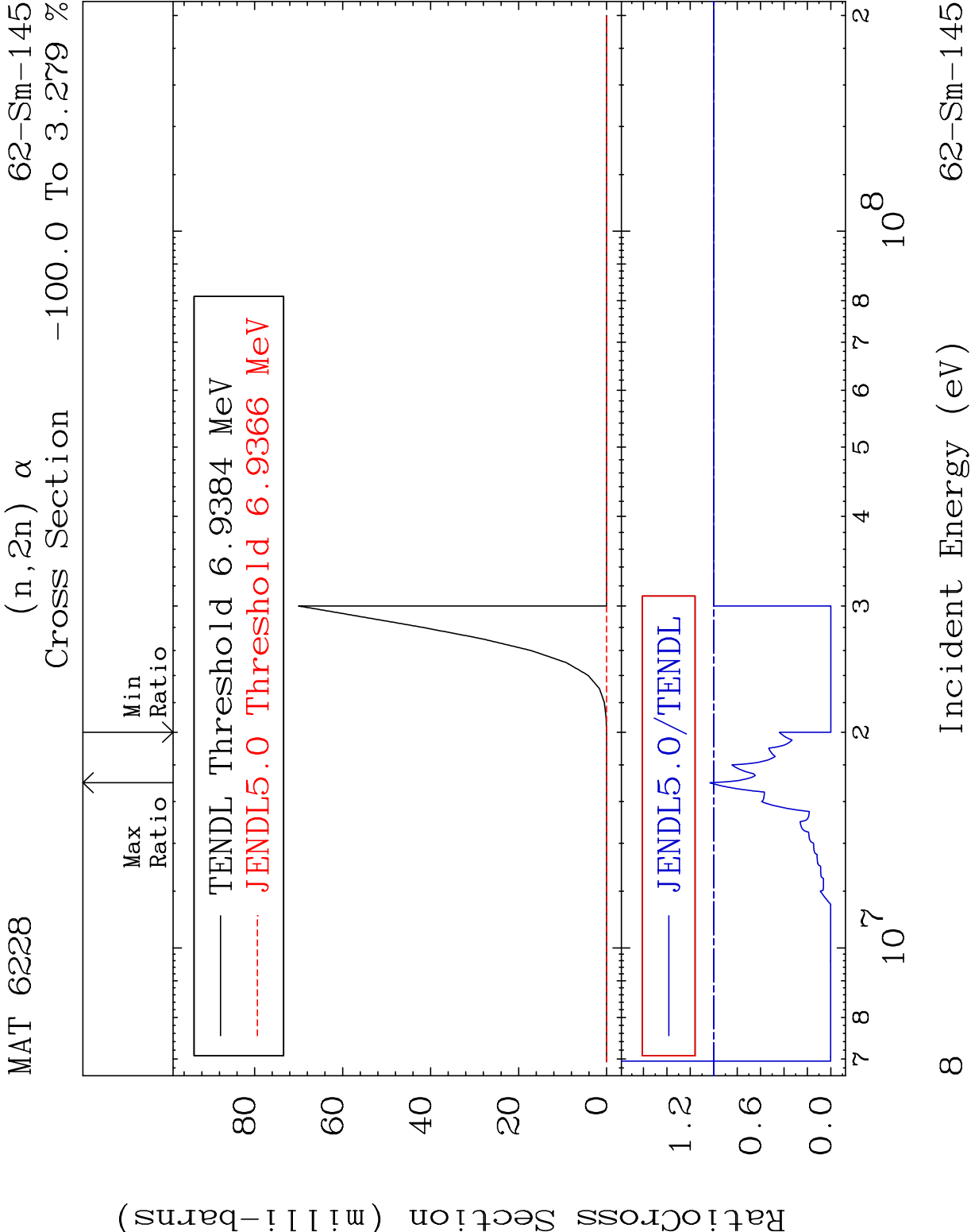


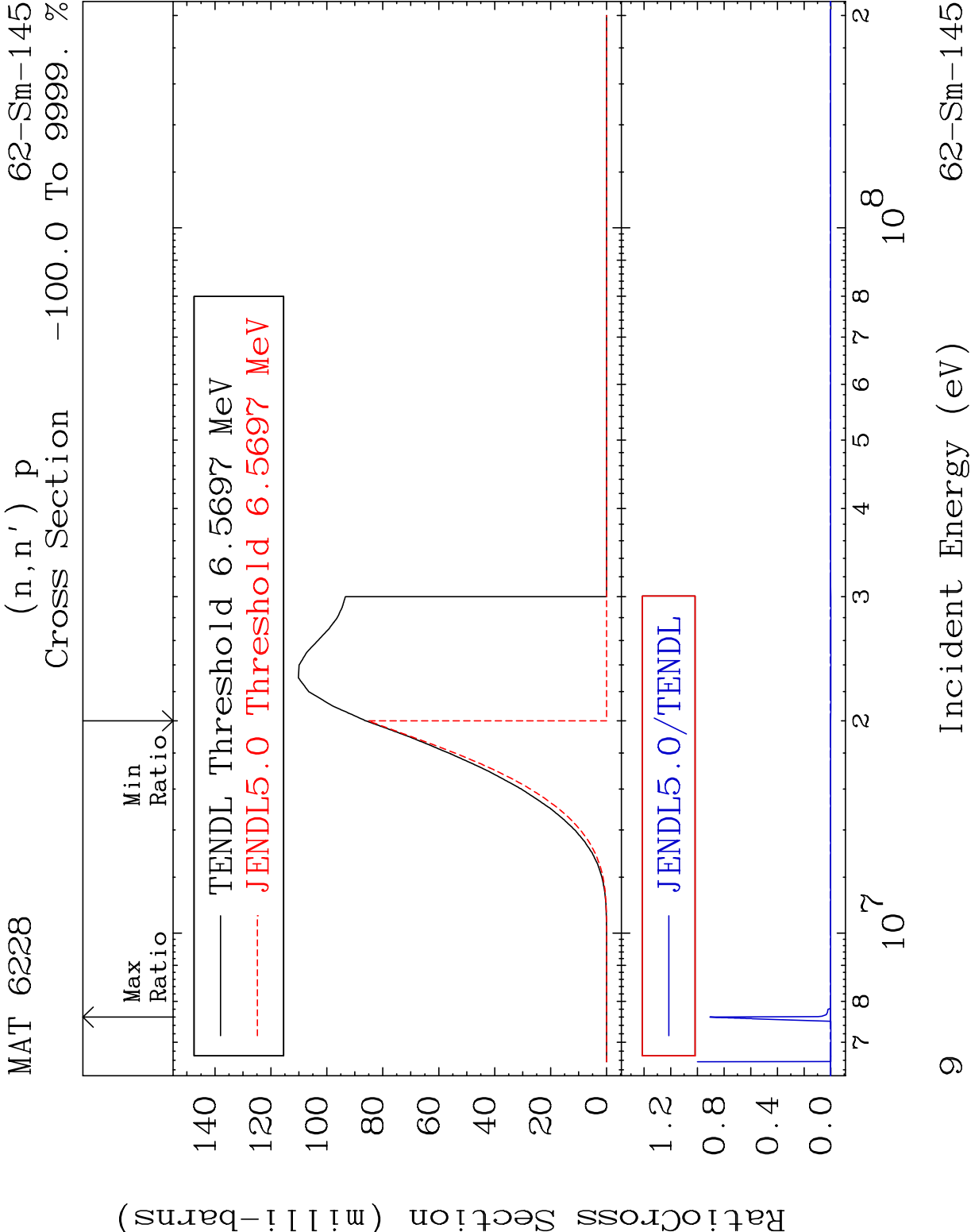


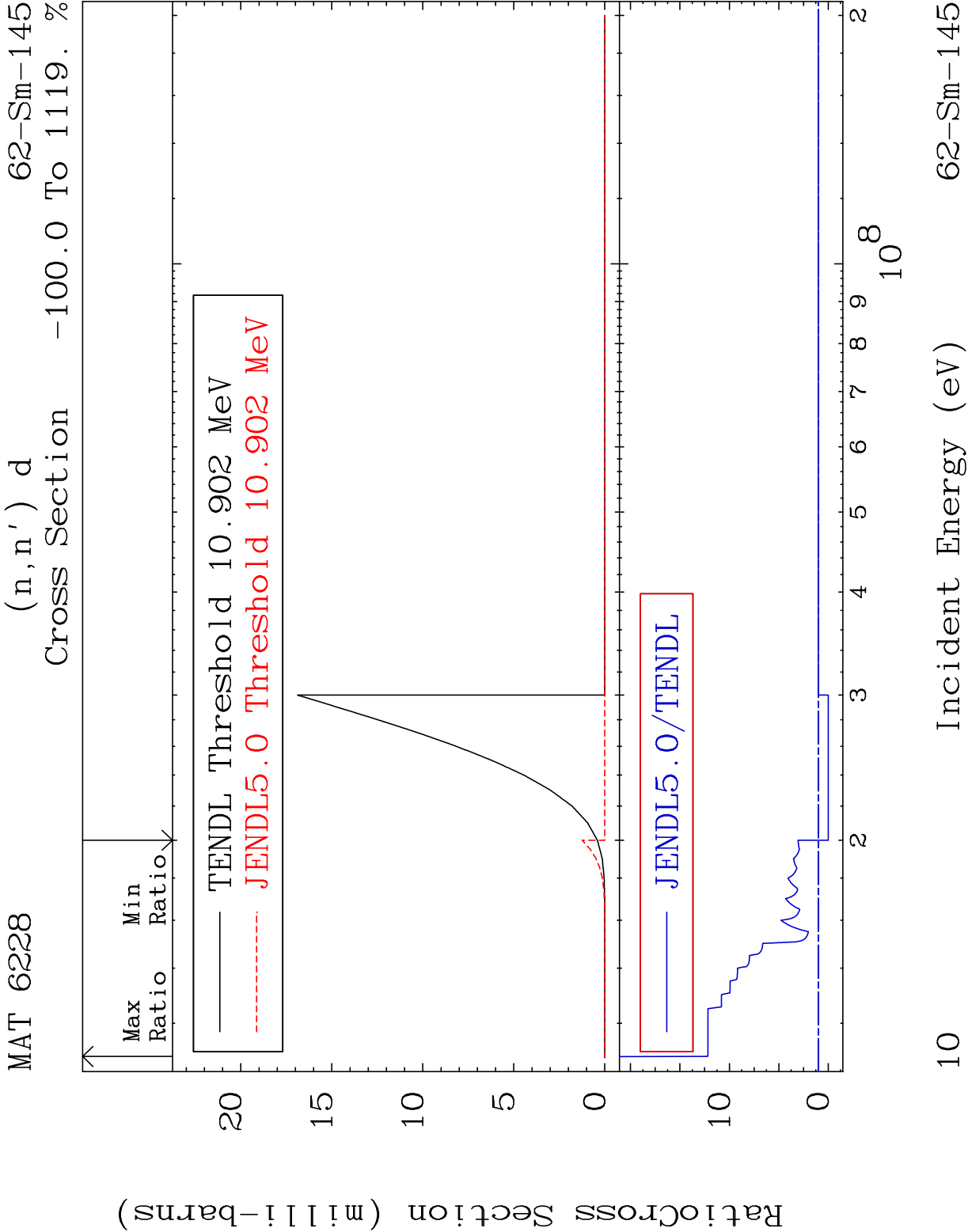


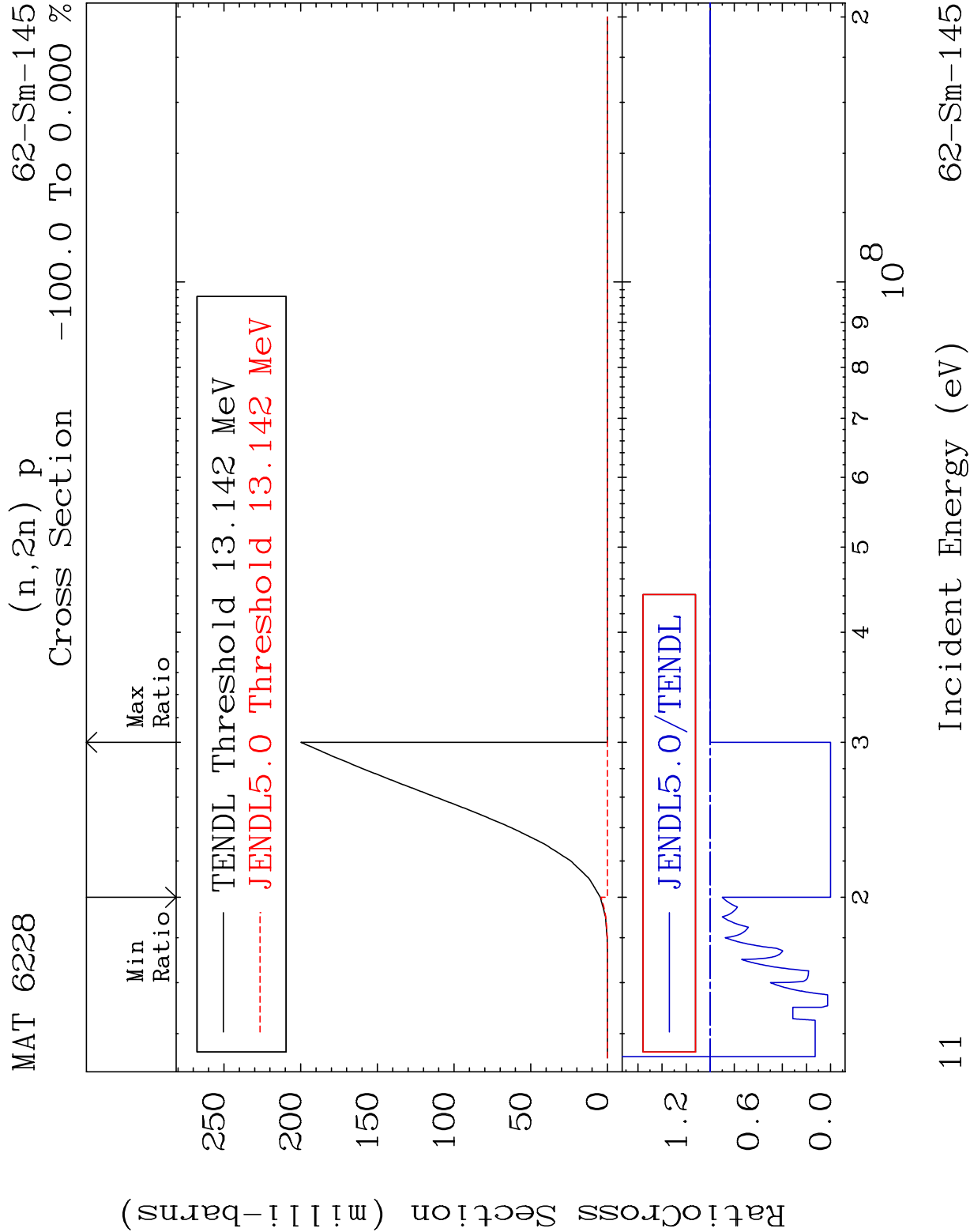


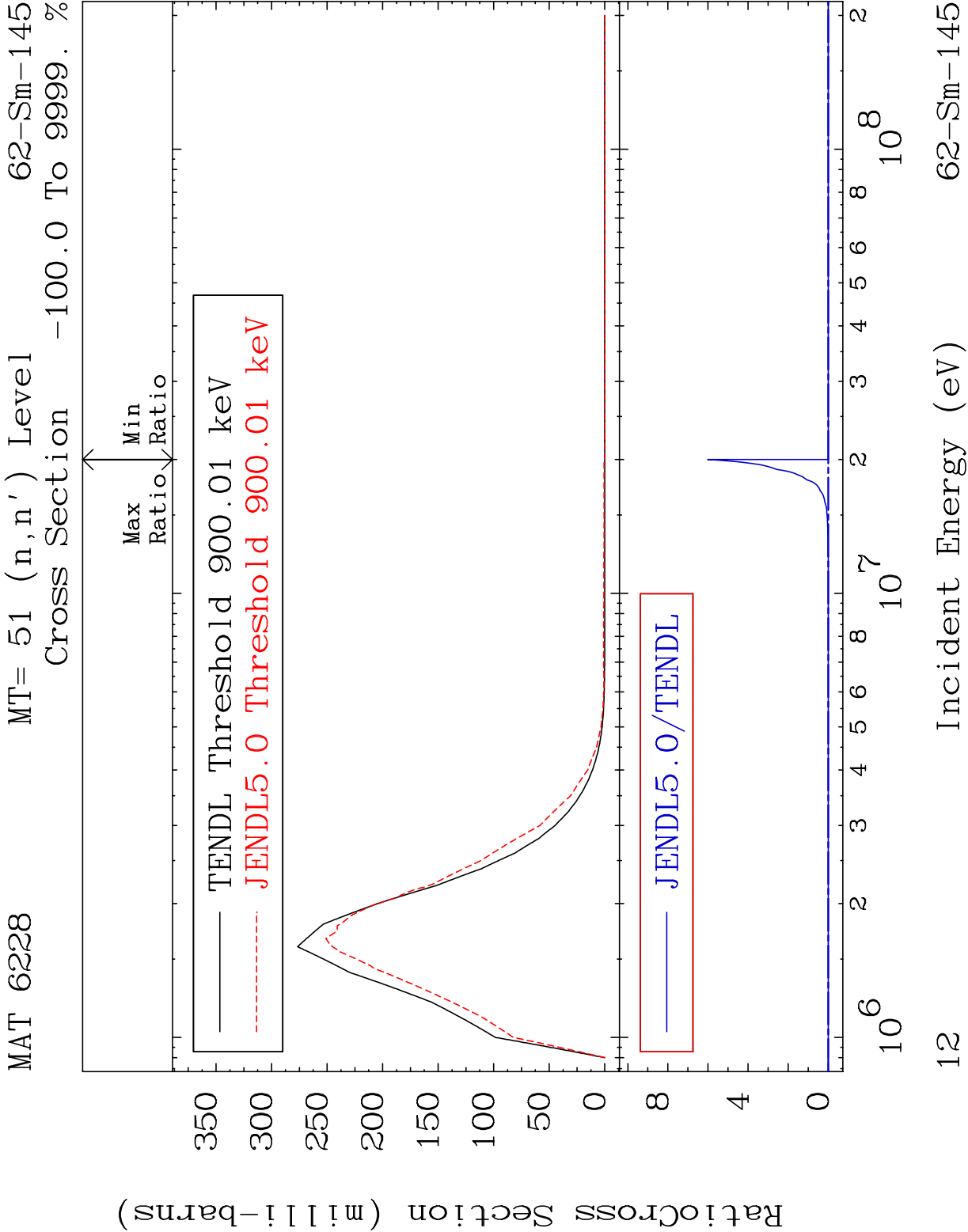










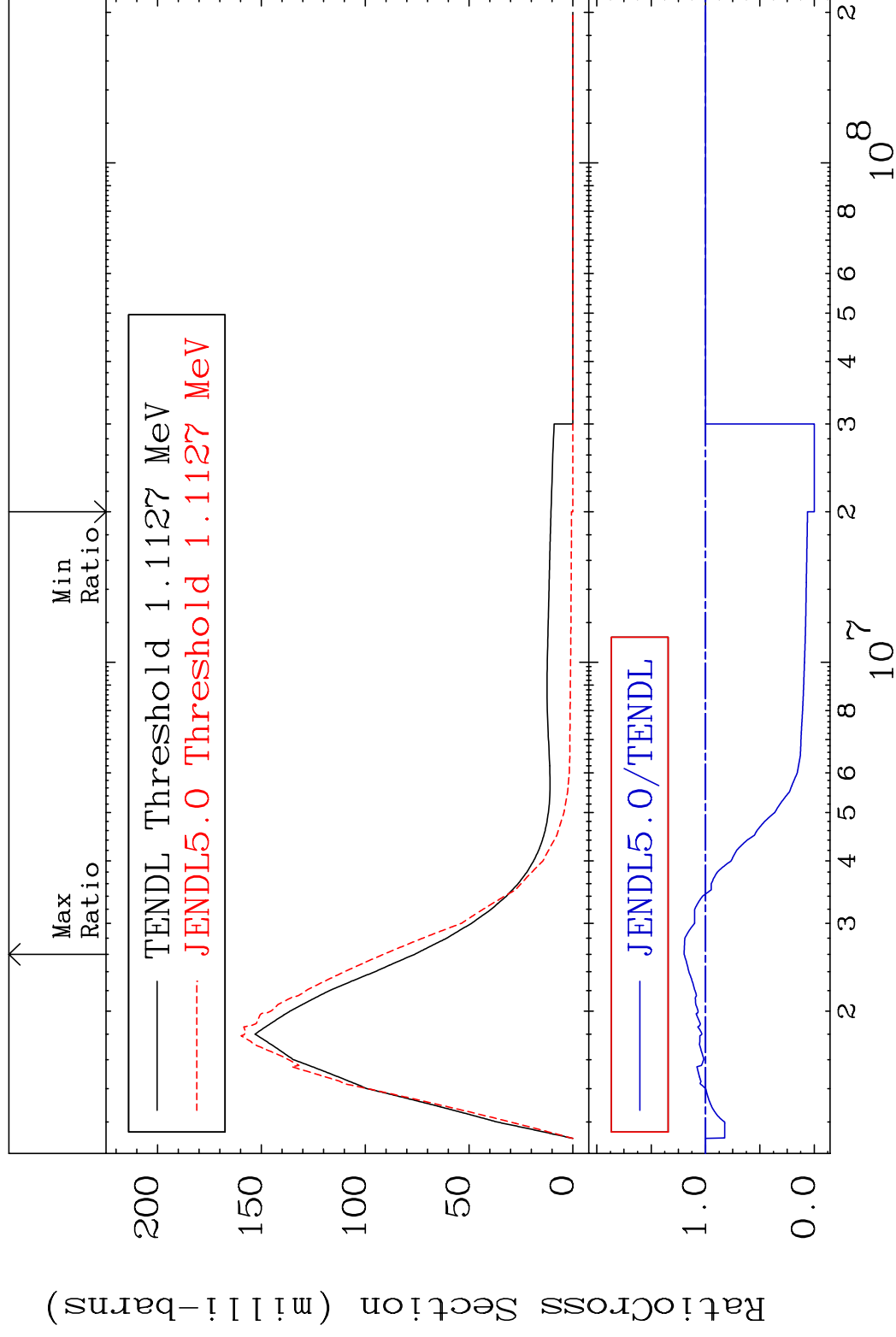


MAT 6228

MT=52 (n, n') Level

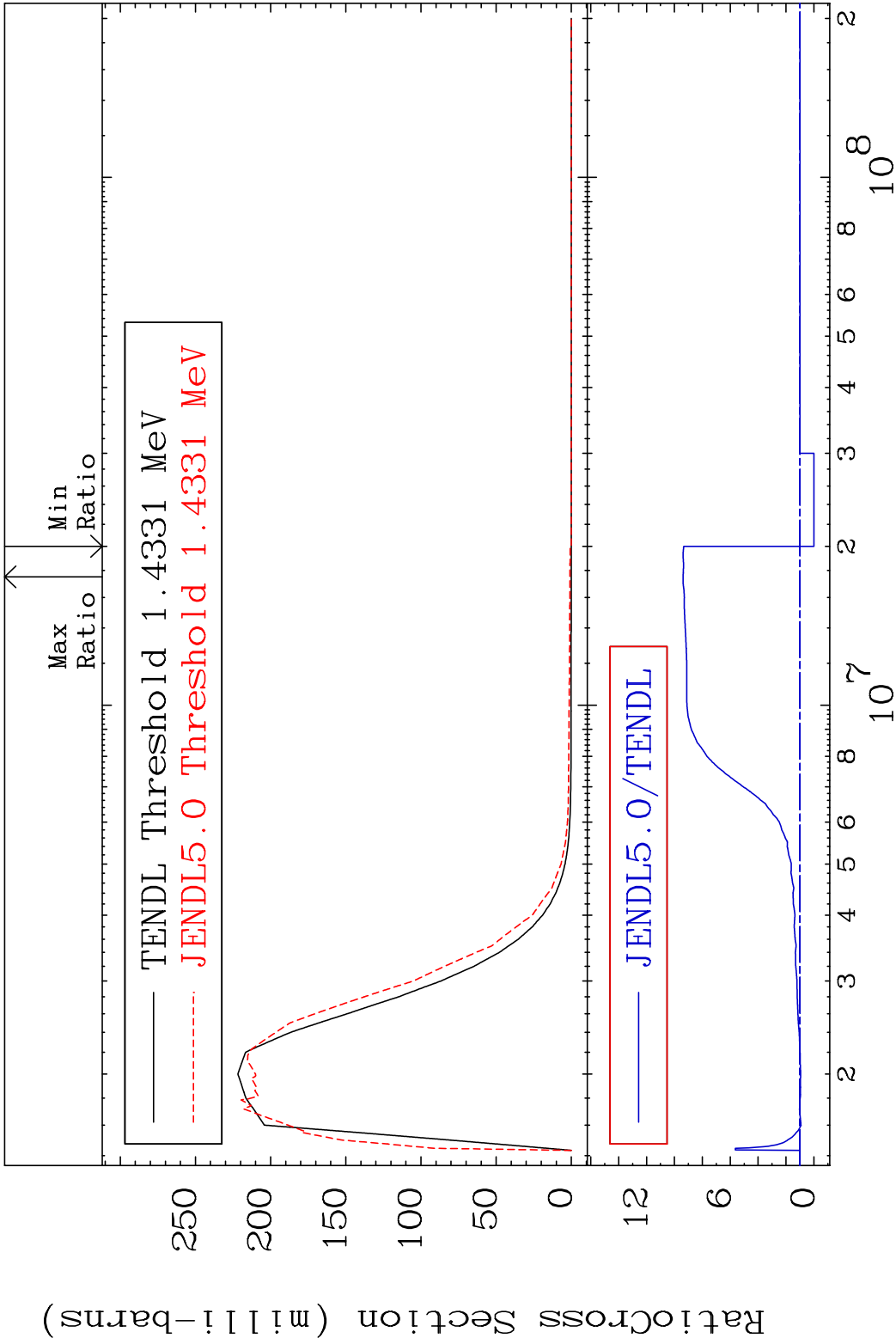
62-Sm-145

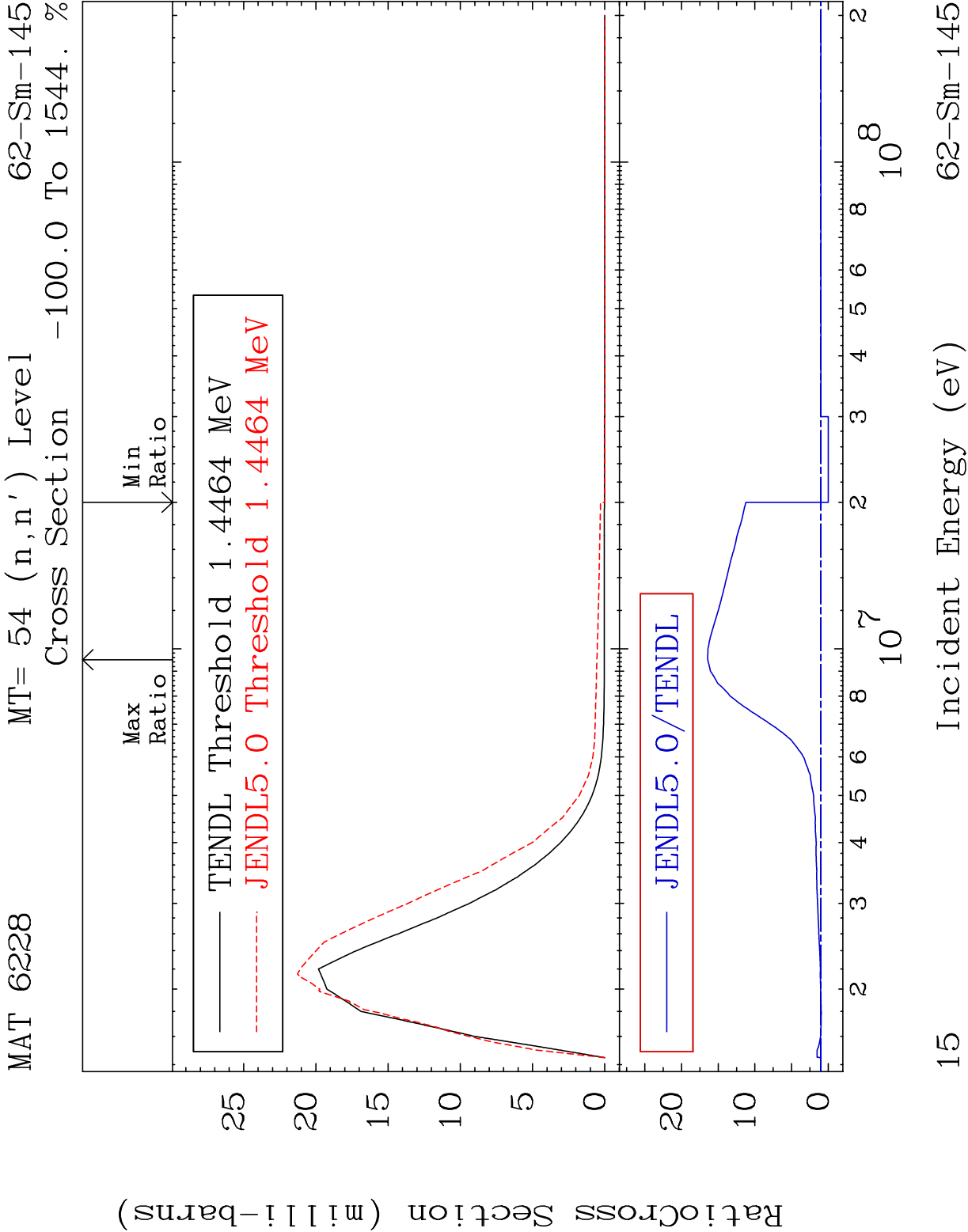
Cross Section -100.0 To 19.73 %



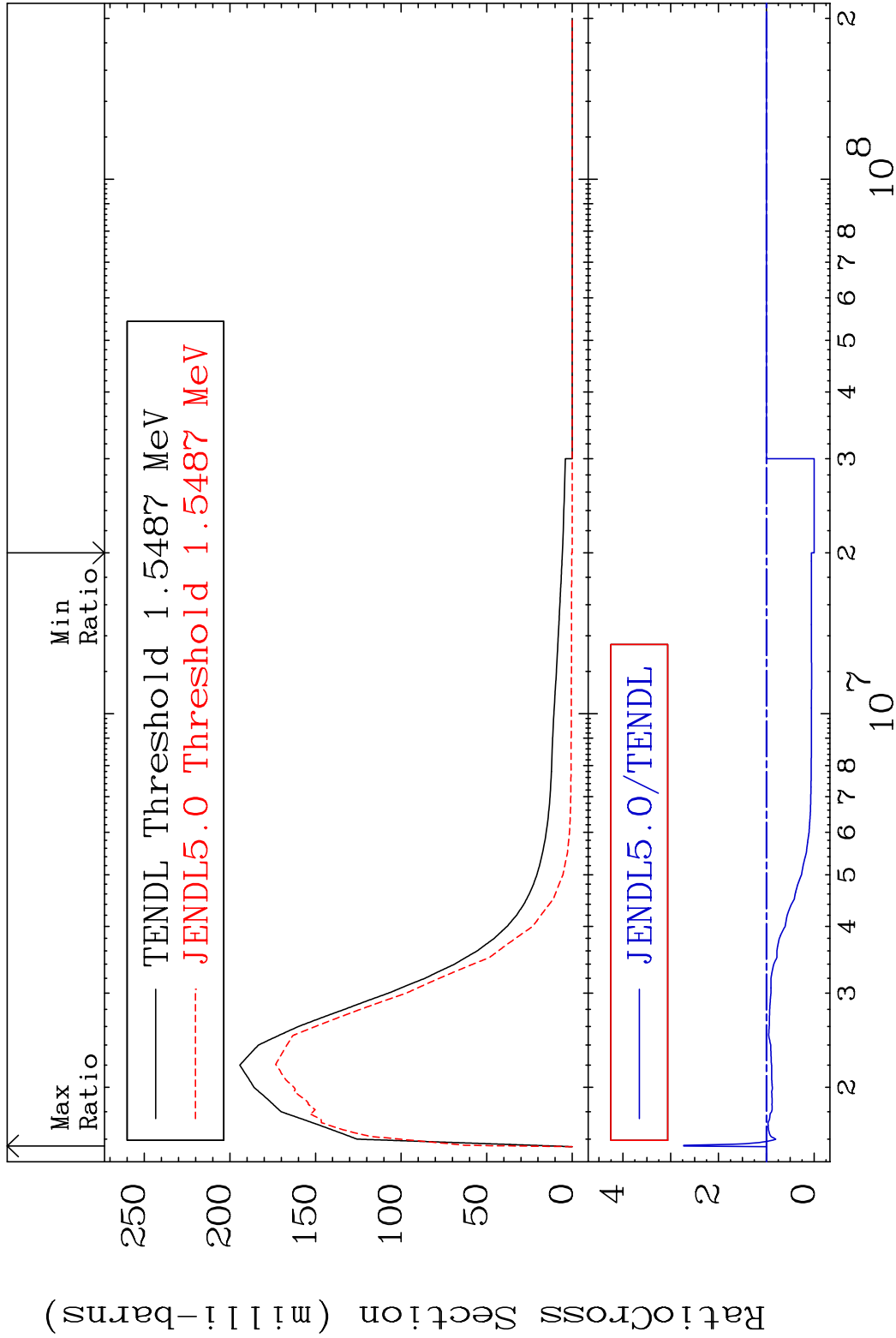
MAT 6228 MT= 53 (n,n') Level 62-Sm-145

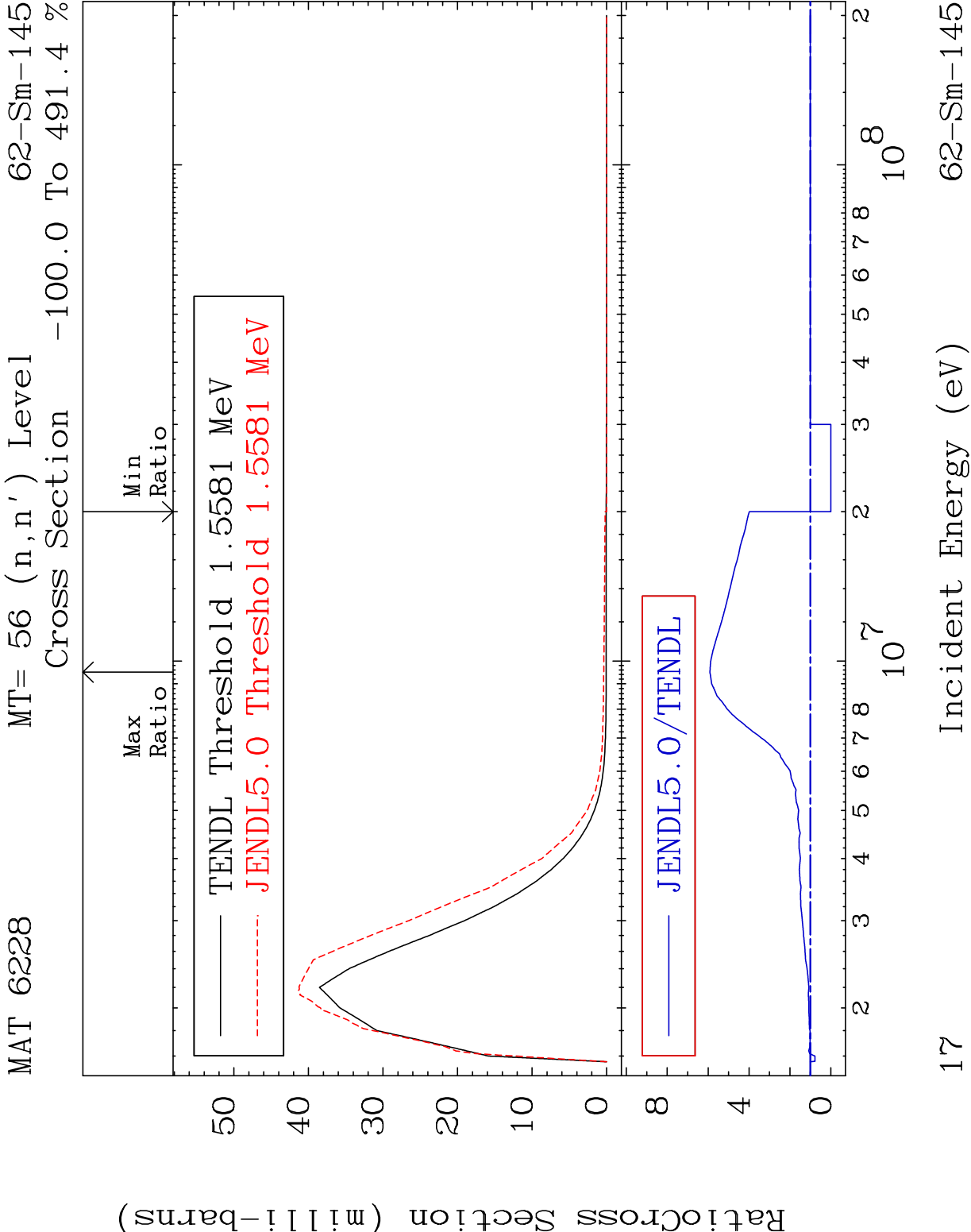
Cross Section -100.0 To 838.3 %



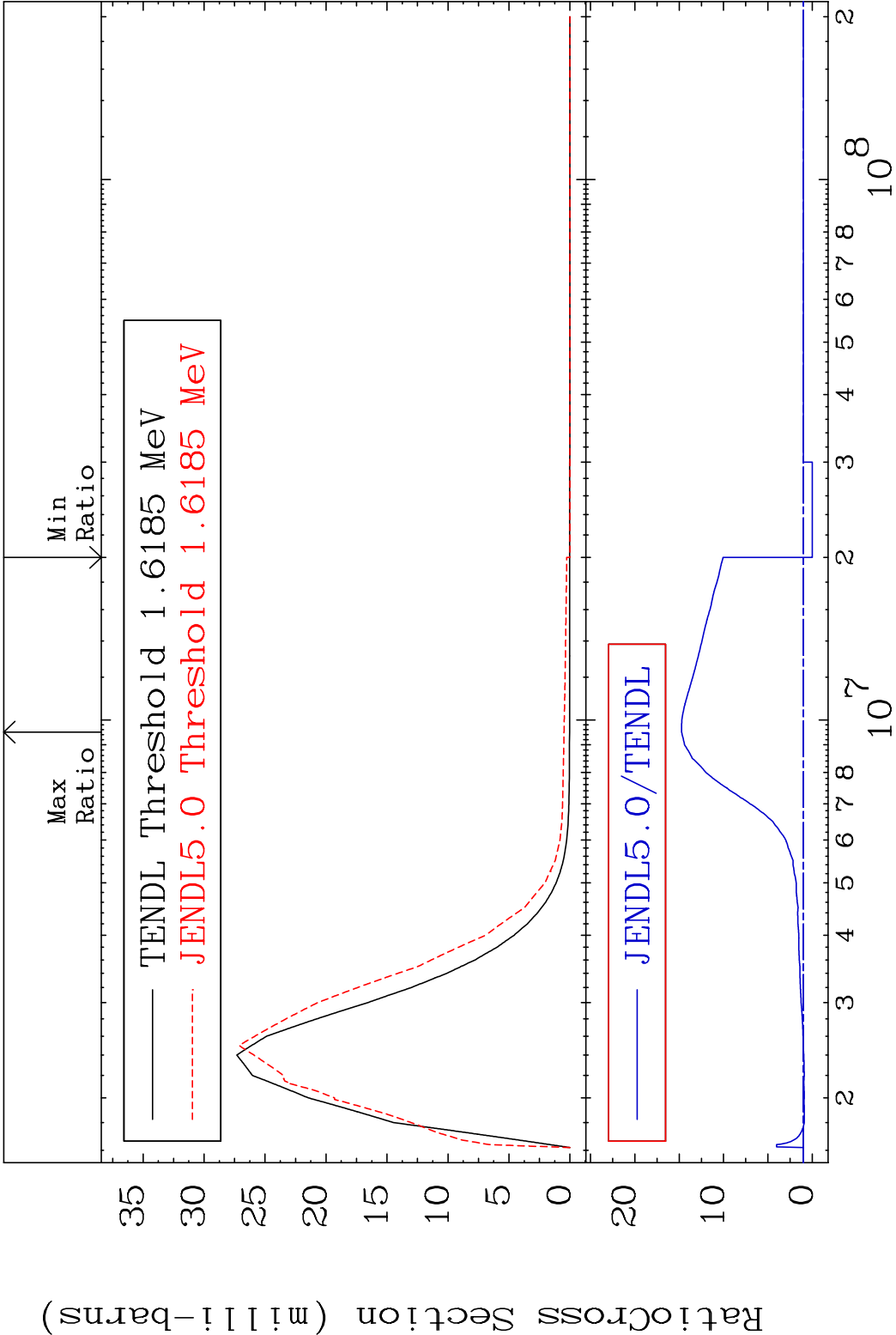


MAT 6228 MT= 55 (n,n') Level 62-Sm-145
 Cross Section -100.0 To 172.9 %





MAT 6228	MT= 57 (n,n')	Level	62-Sm-145
	Cross Section	-100.0 To 1374. %	



MAT 6228

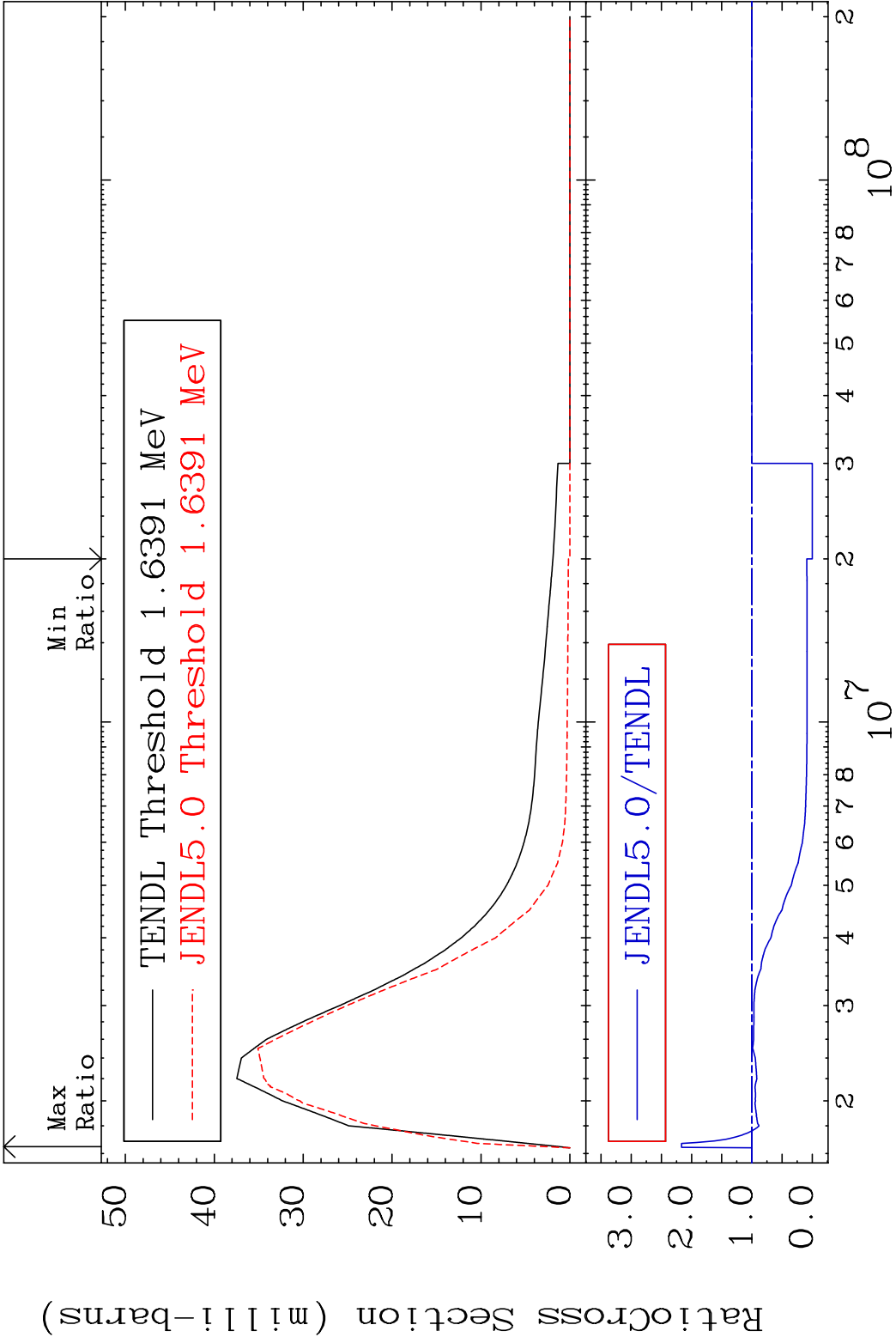
MT= 58 (n,n')

Level

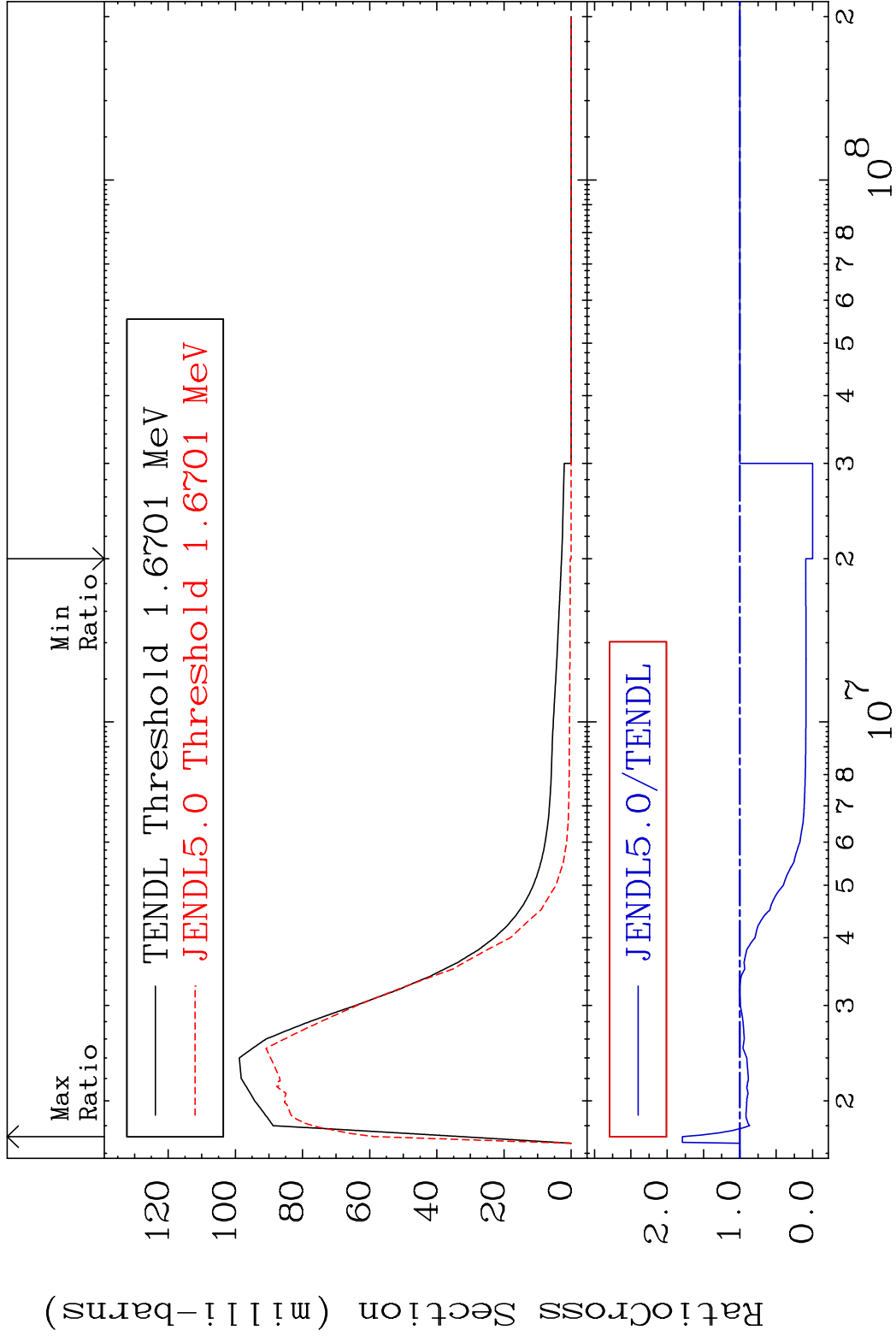
62-Sm-145

Cross Section

-100.0 To 116.6 %



MAT 6228 MT= 59 (n,n') Level 62-Sm-145
Cross Section -100.0 To 79.16 %



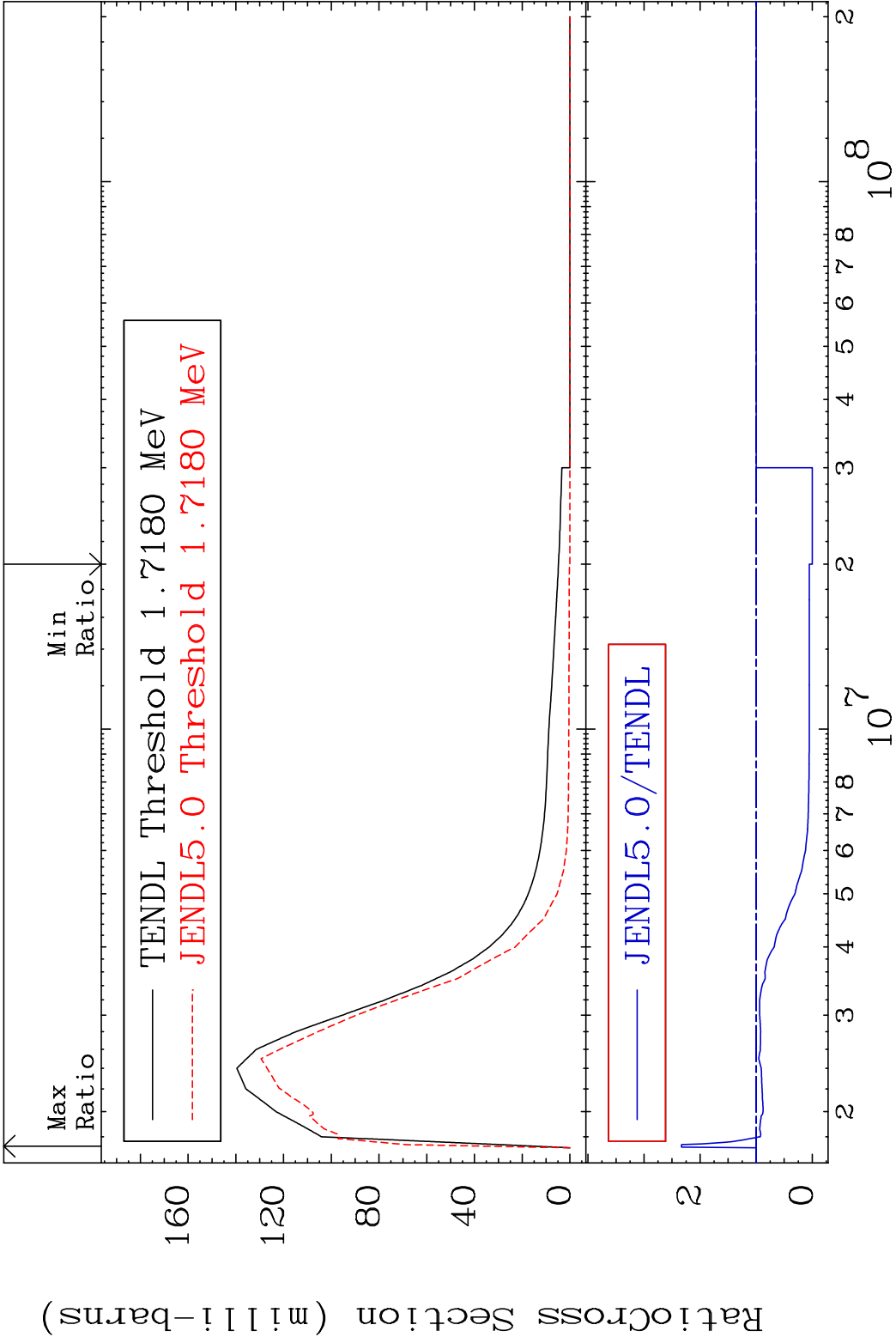
MAT 6228

MT= 60 (n,n') Level

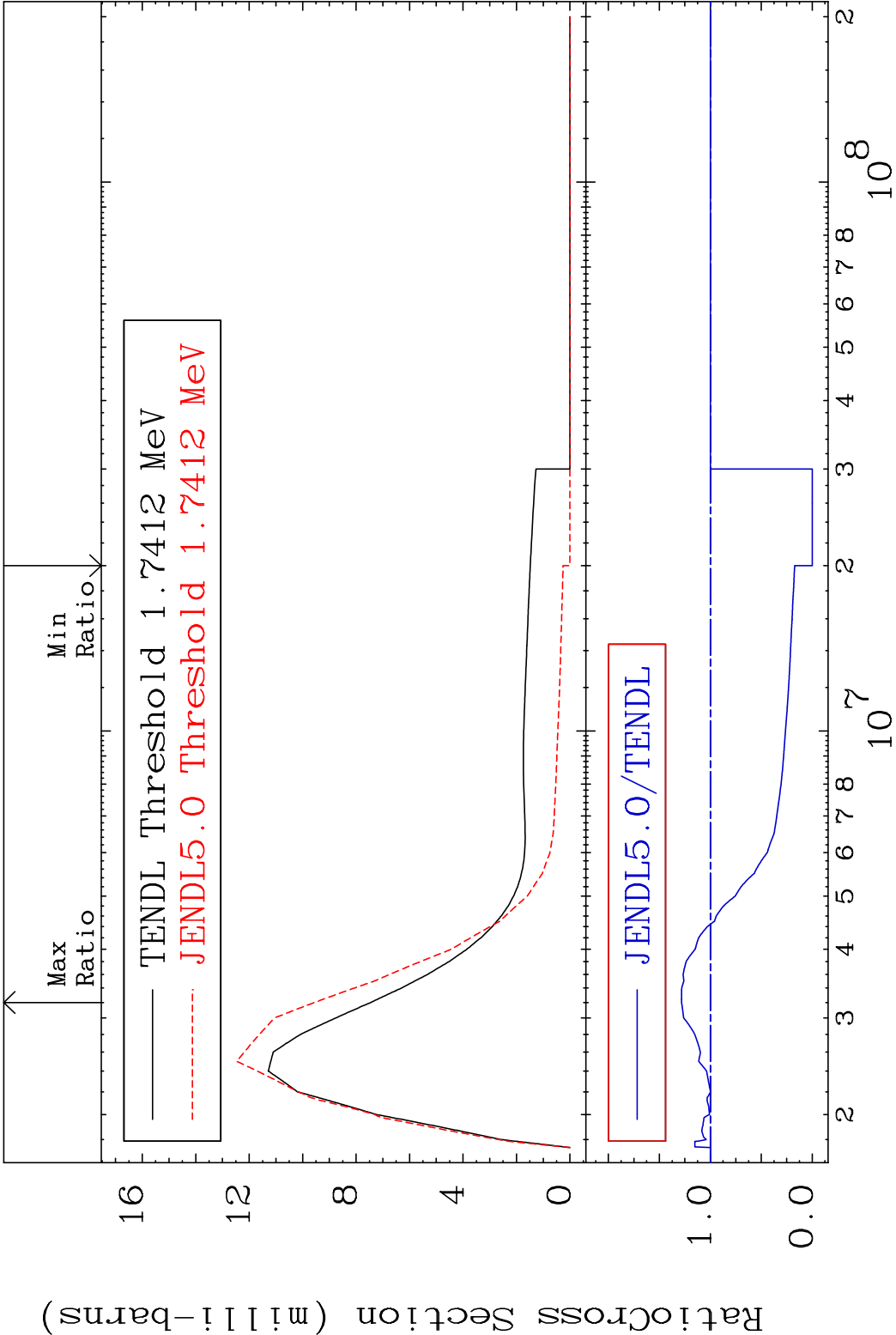
62-Sm-145

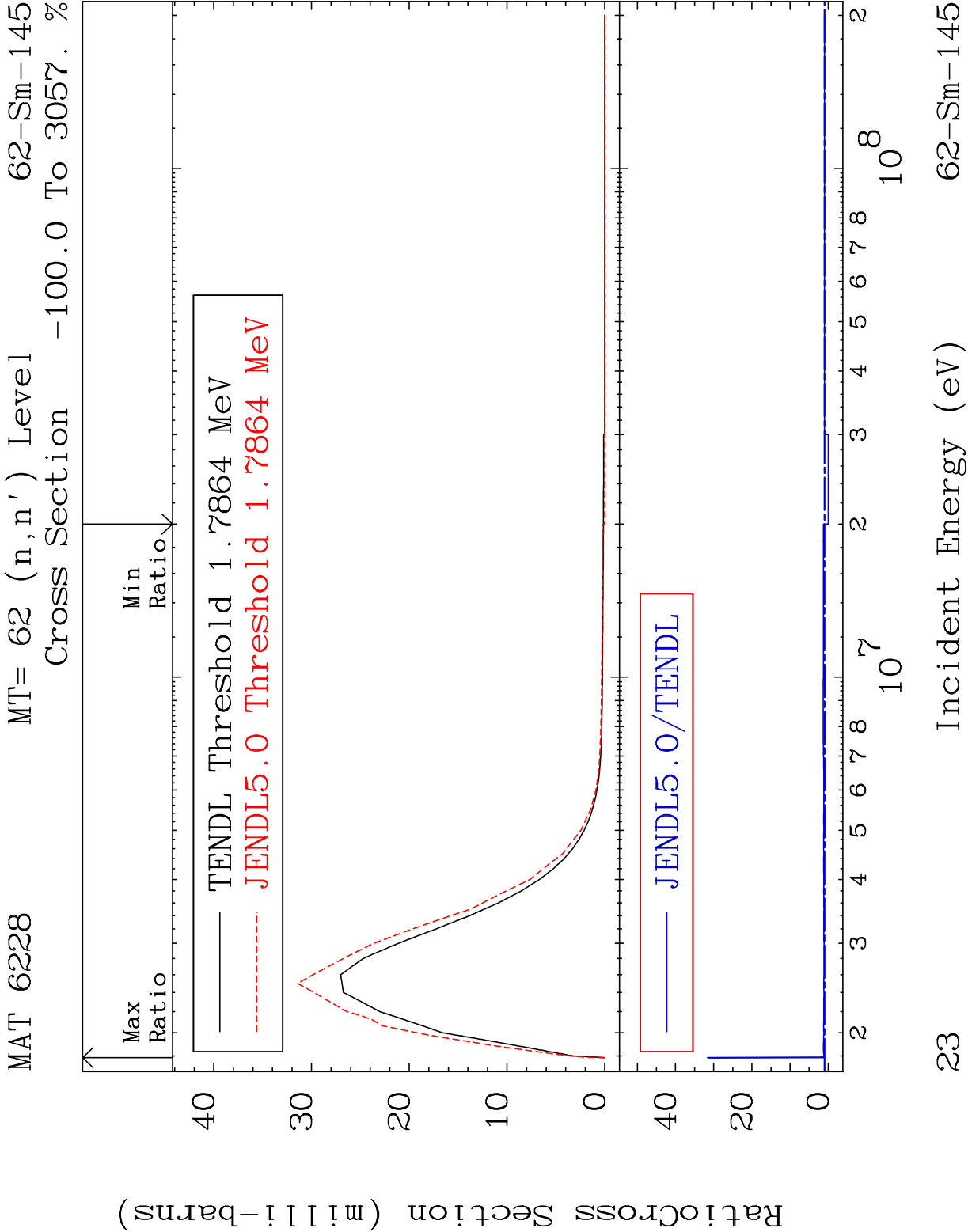
Cross Section

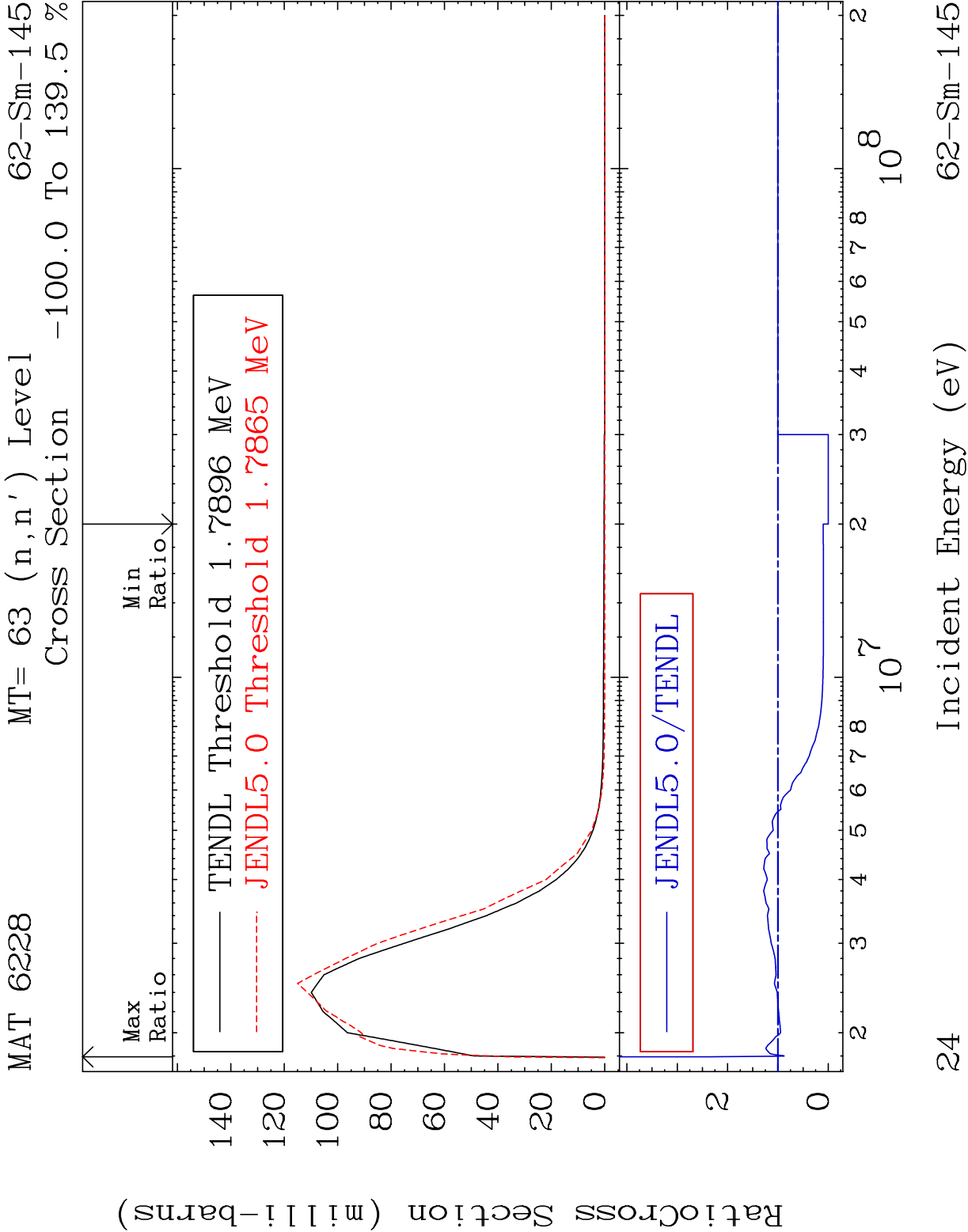
-100.0 To 133.1 %

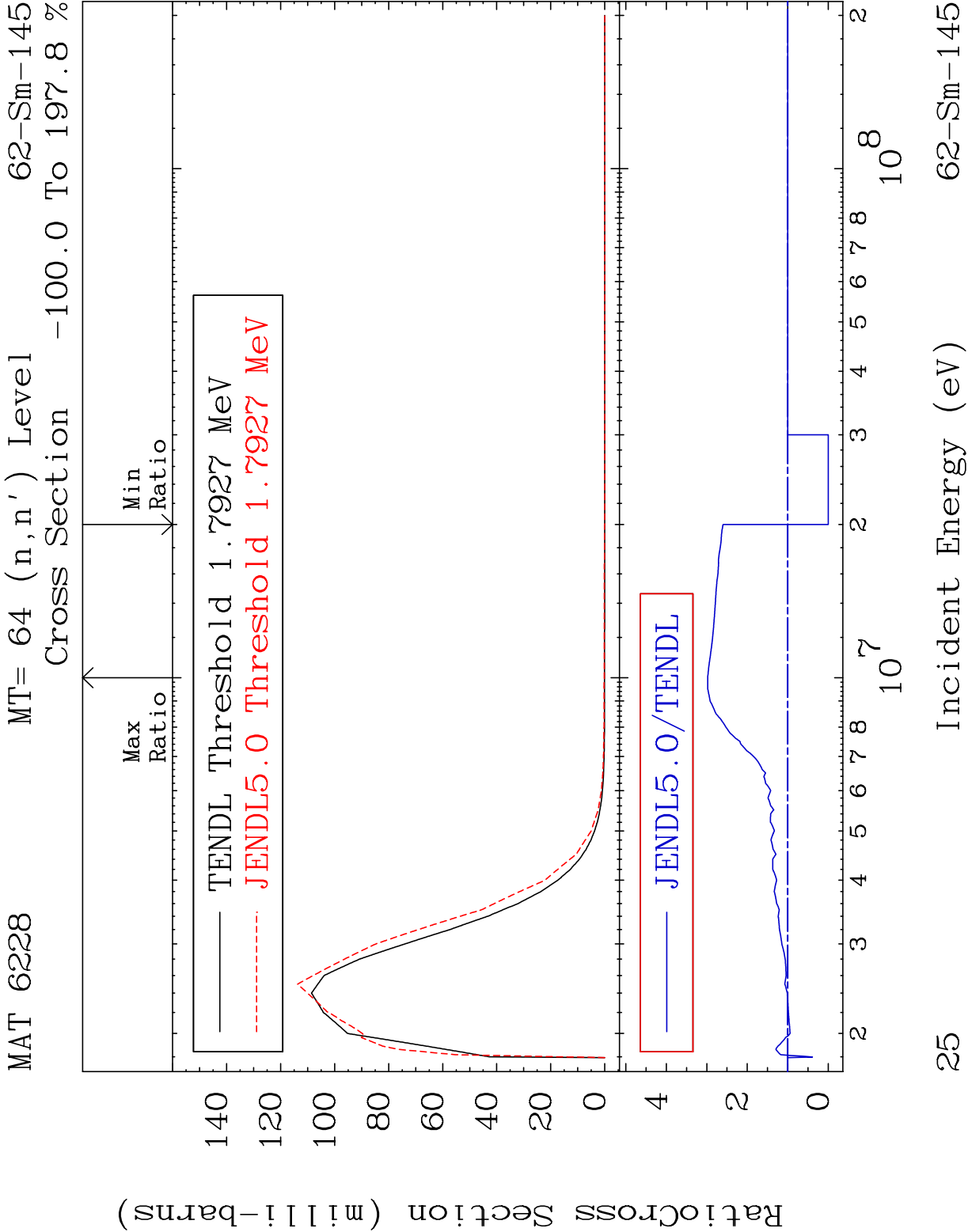


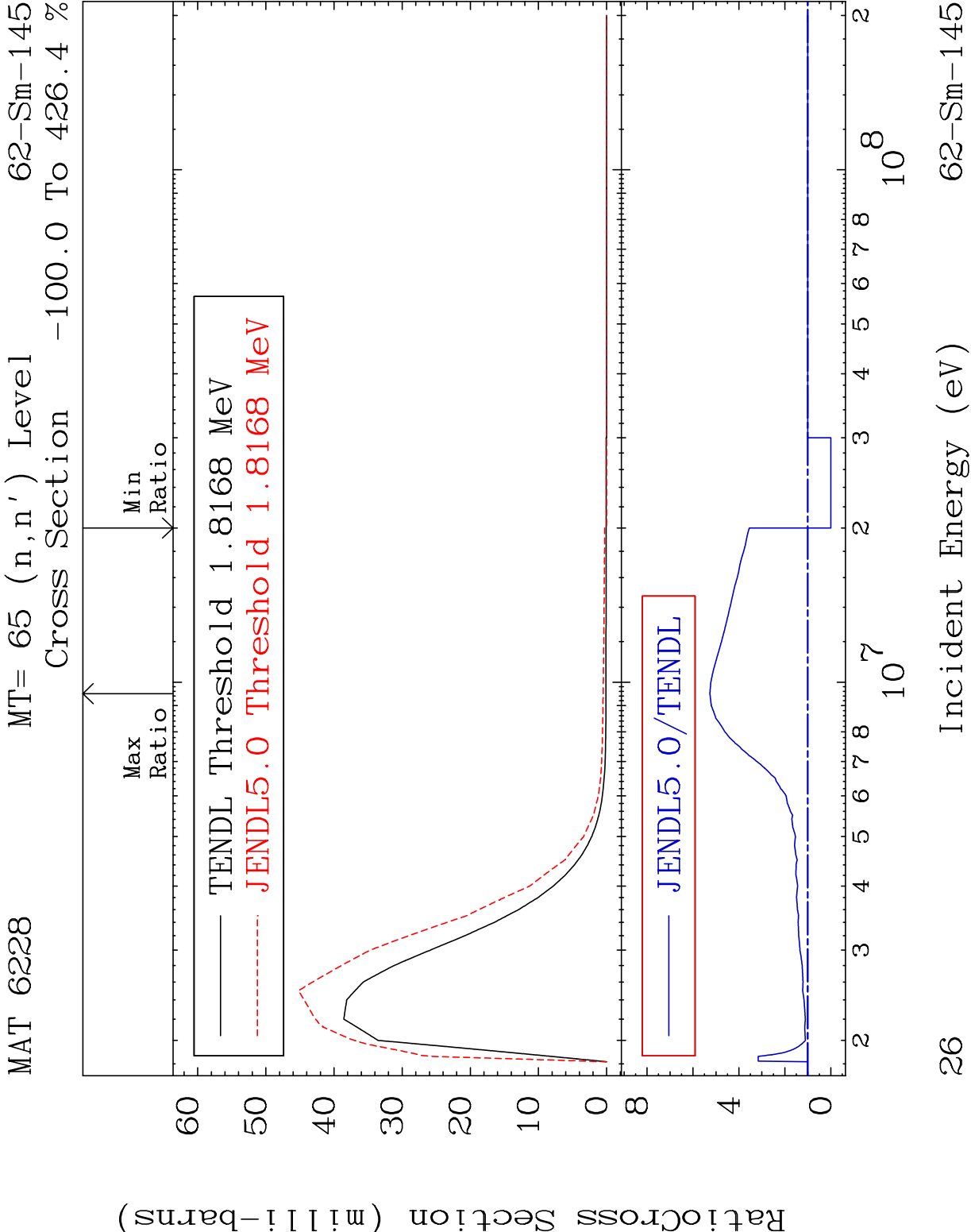
MAT 6228 MT= 61 (n,n') Level 62-Sm-145
Cross Section -100.0 To 28.25 %



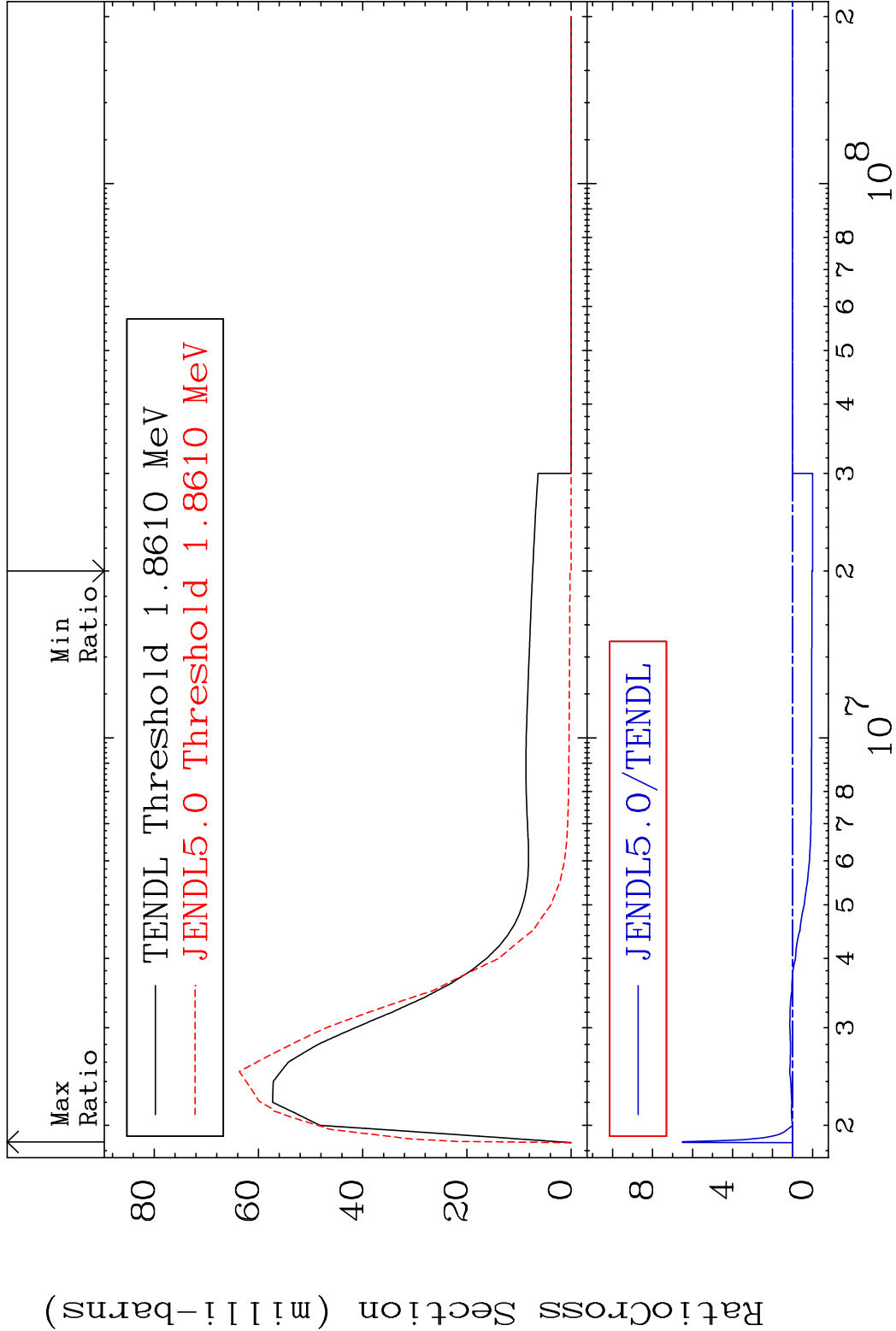








MAT 6228 MT= 66 (n,n') Level 62-Sm-145
Cross Section -100.0 To 551.3 %



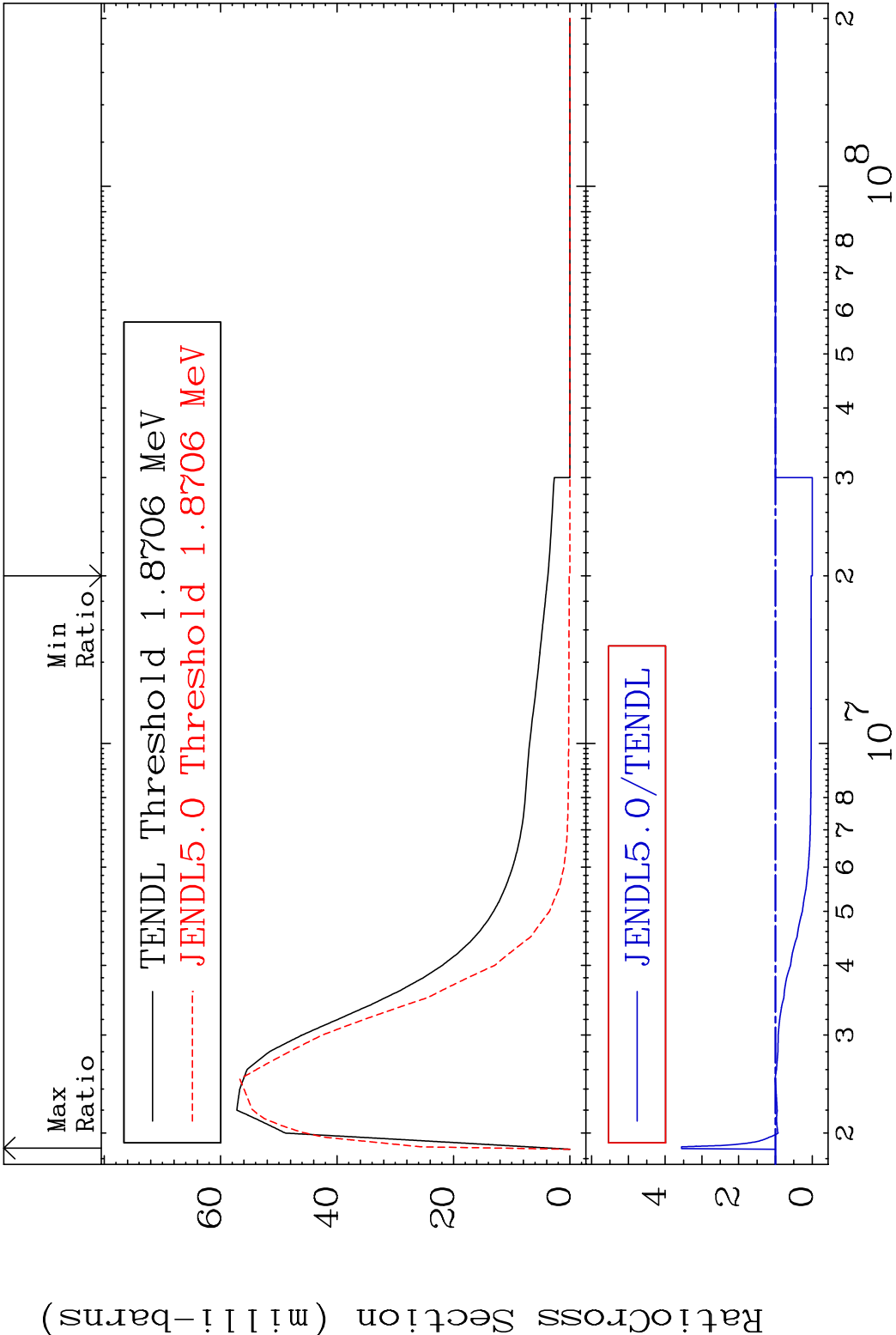
MAT 6228

MT= 67 (n,n') Level

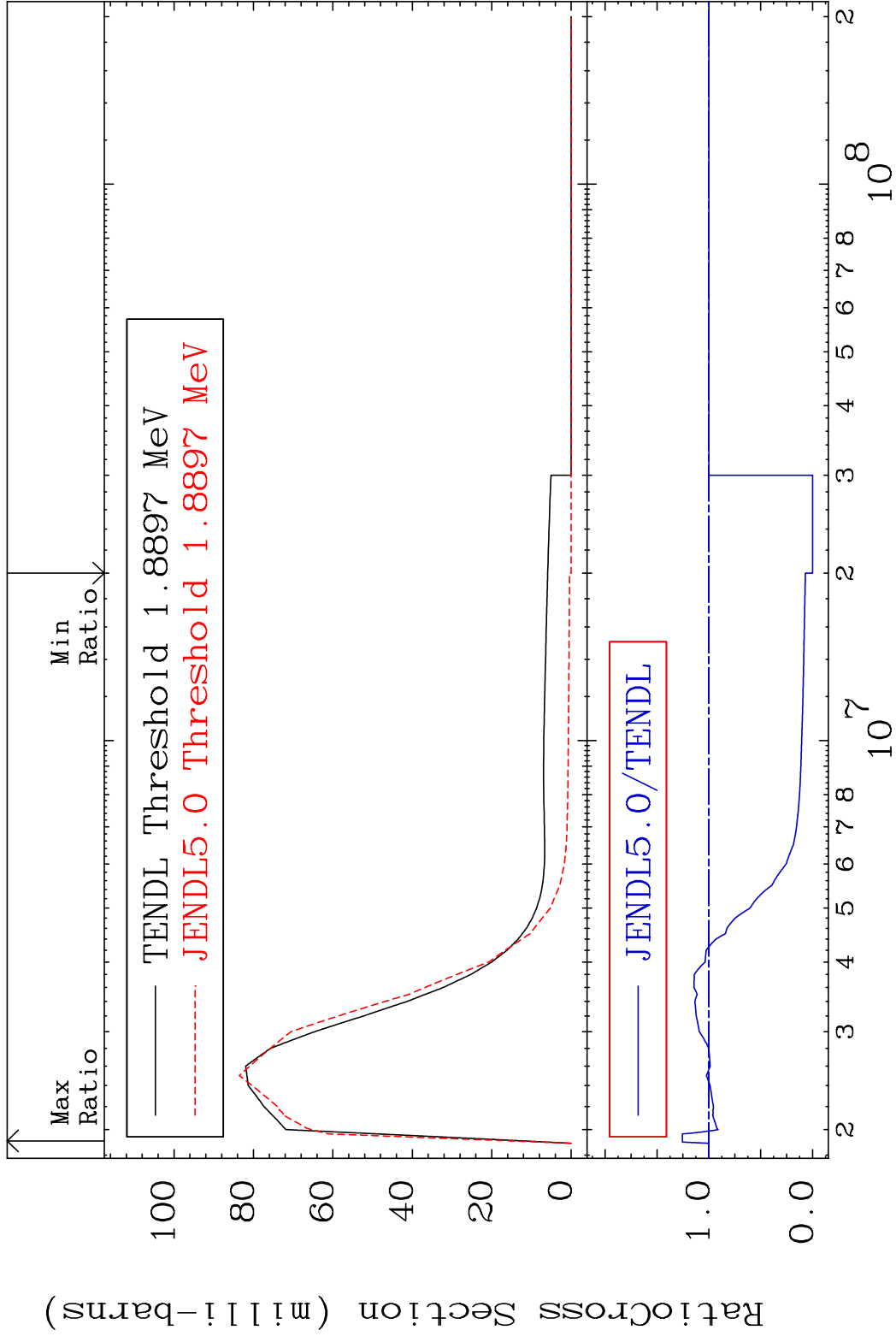
62-Sm-145

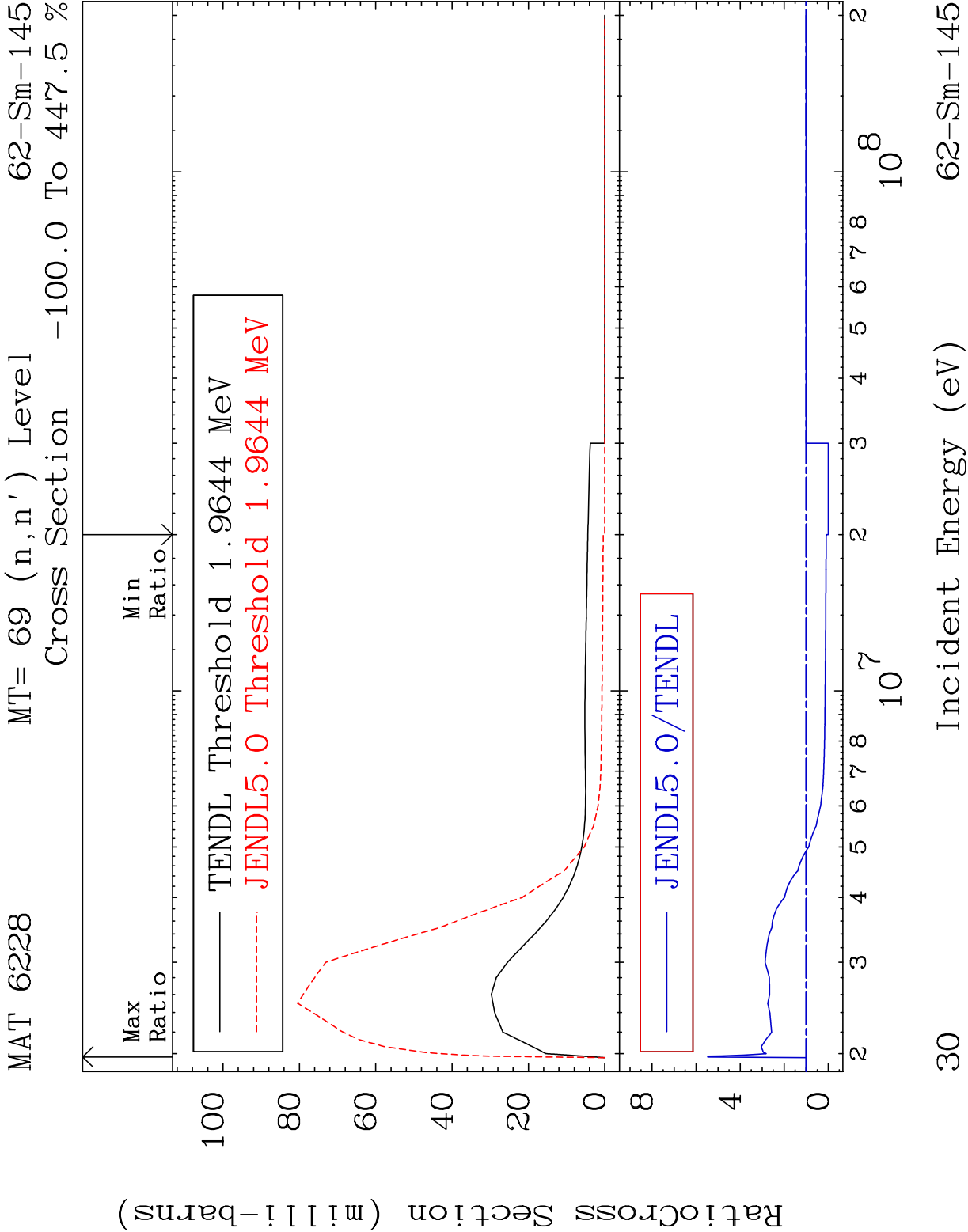
Cross Section

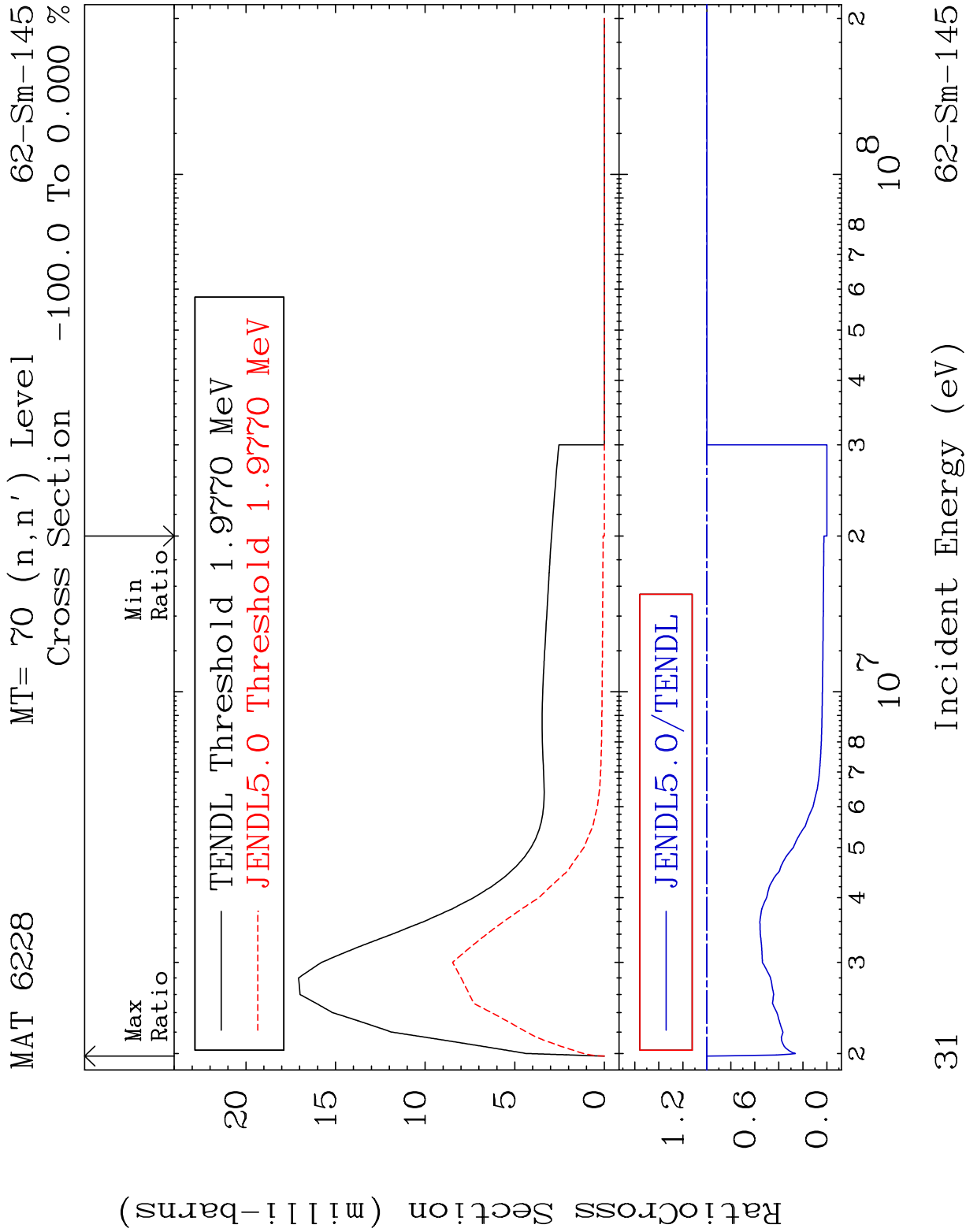
-100.0 To 255.4 %

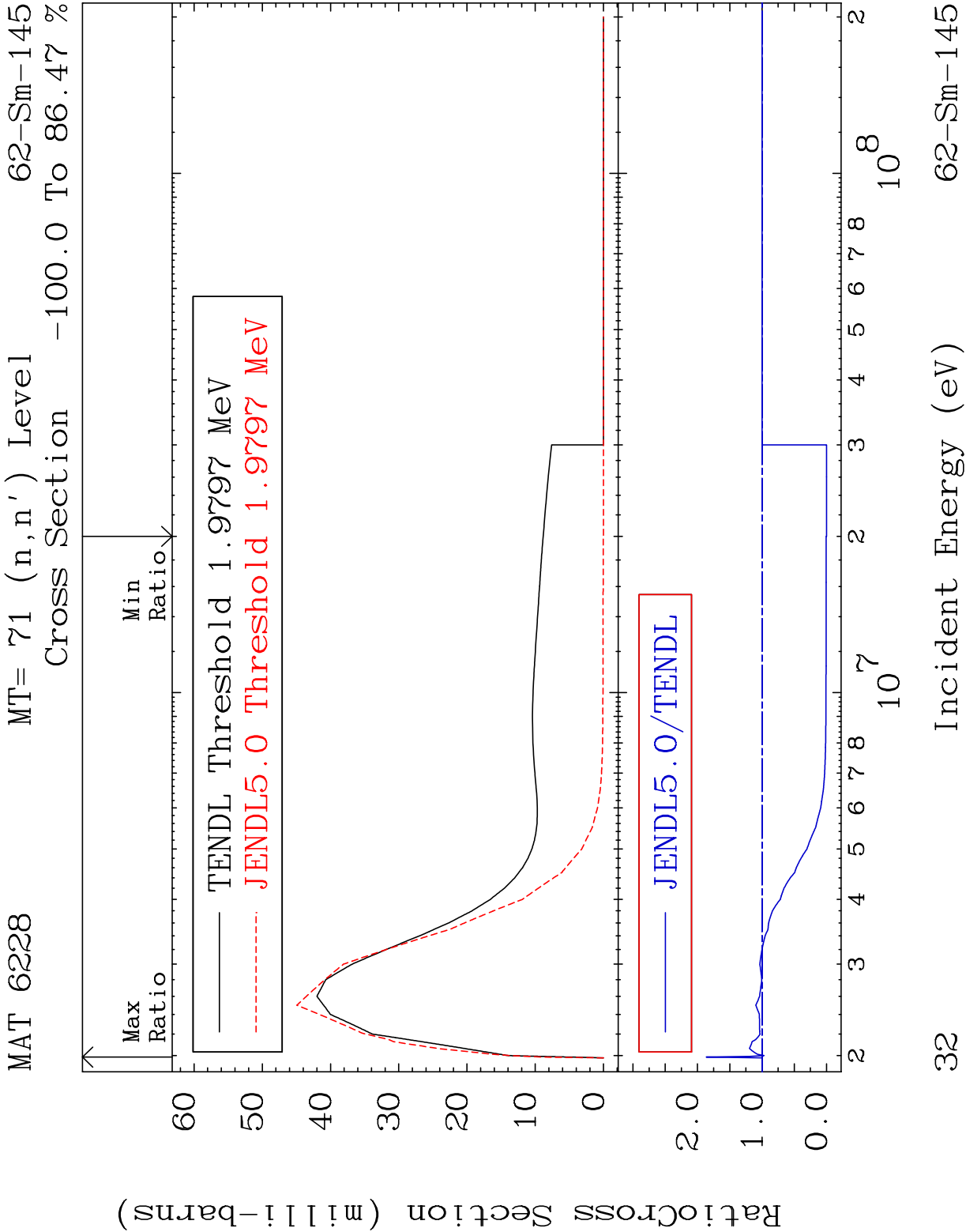


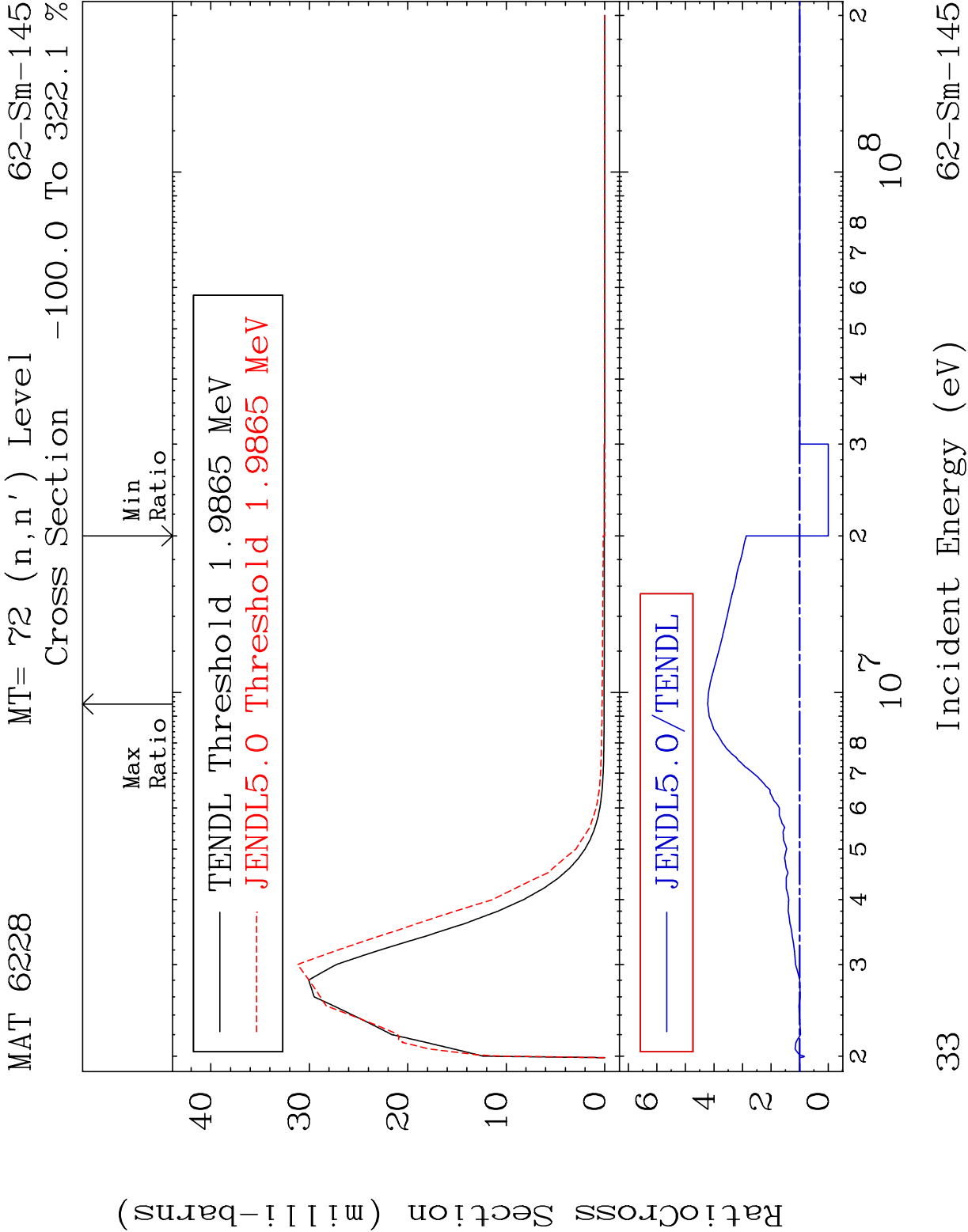
MAT 6228 MT= 68 (n,n') Level 62-Sm-145
Cross Section -100.0 To 25.56 %

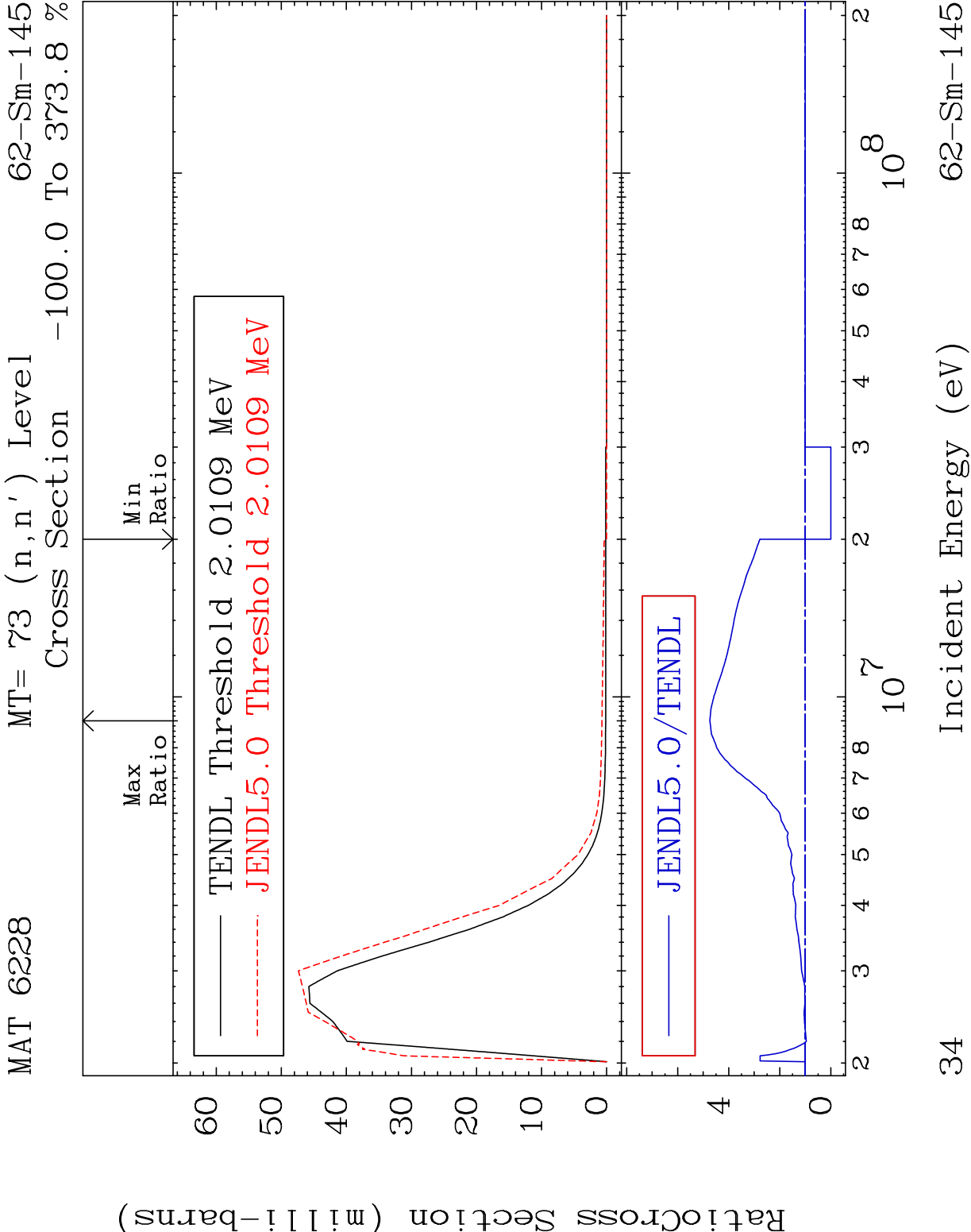










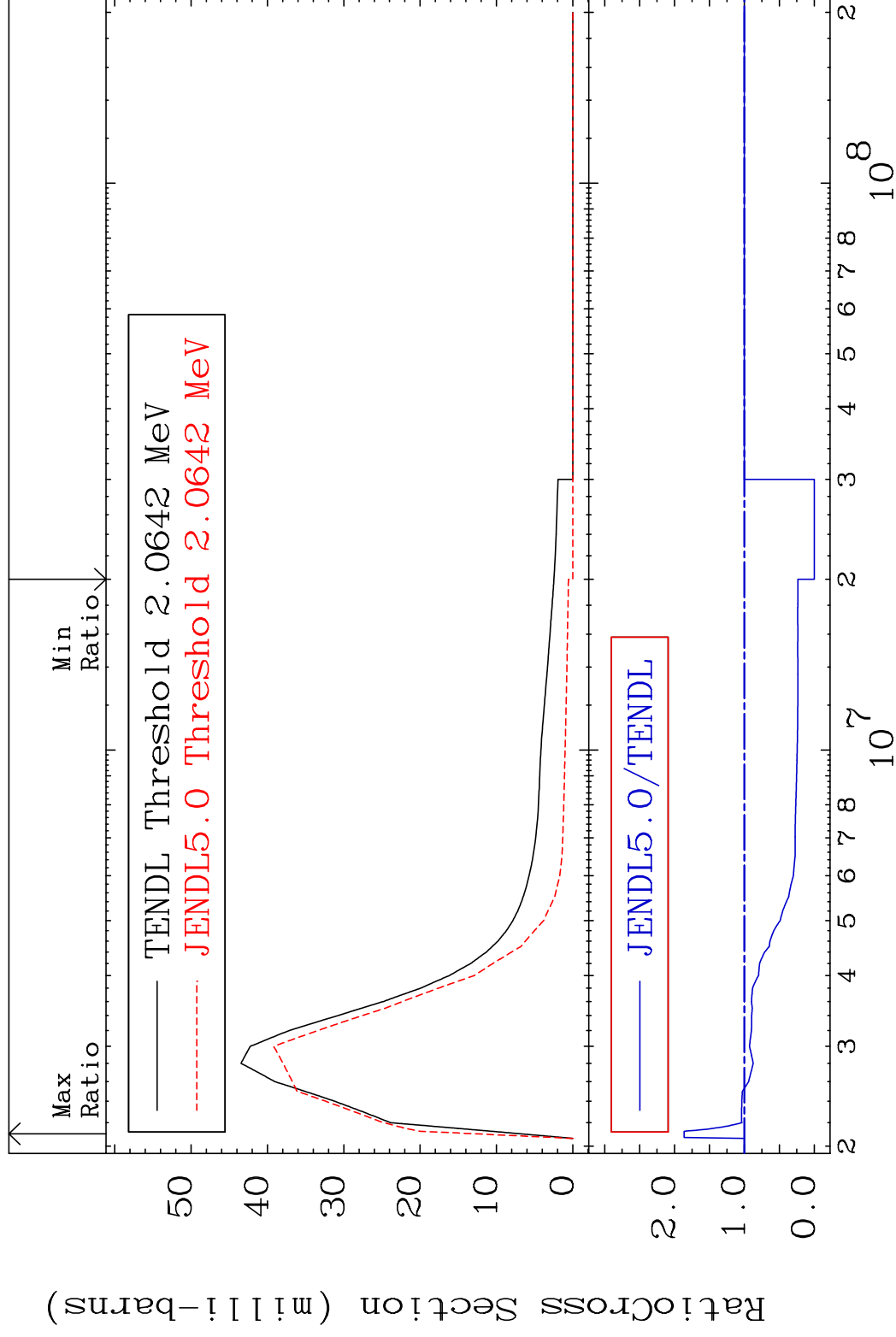


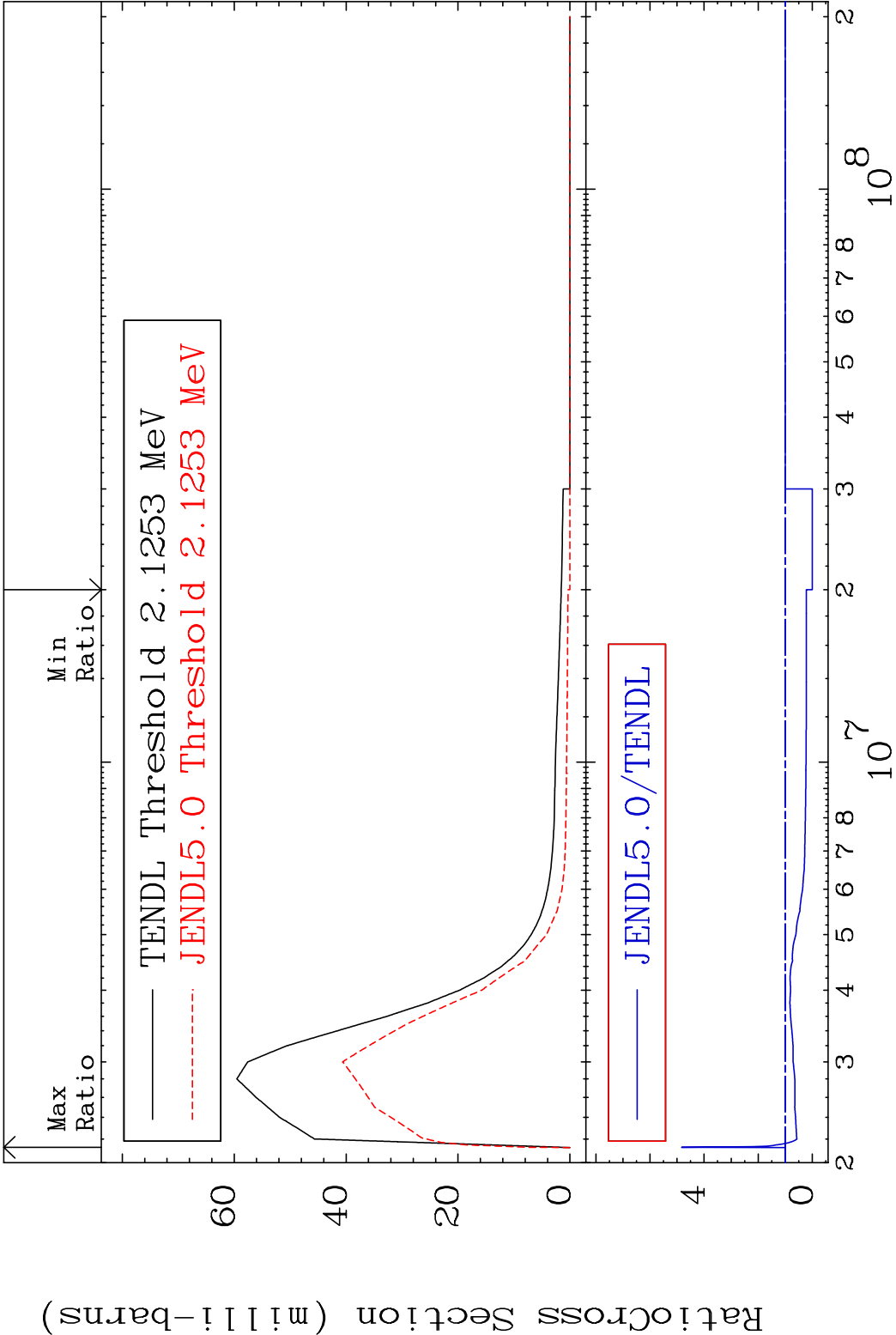
MAT 6228

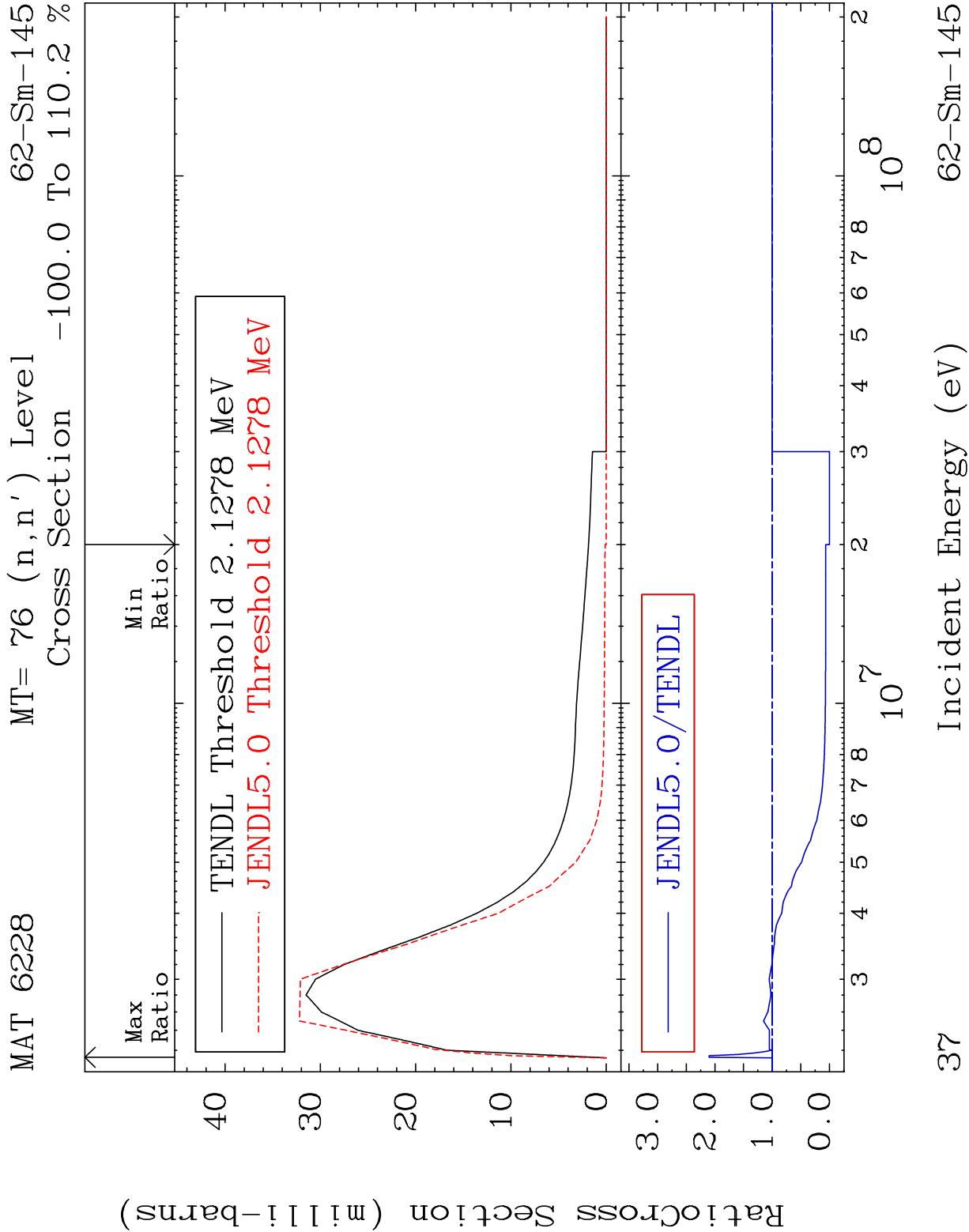
MT= ≈ 74 (n, n') Level

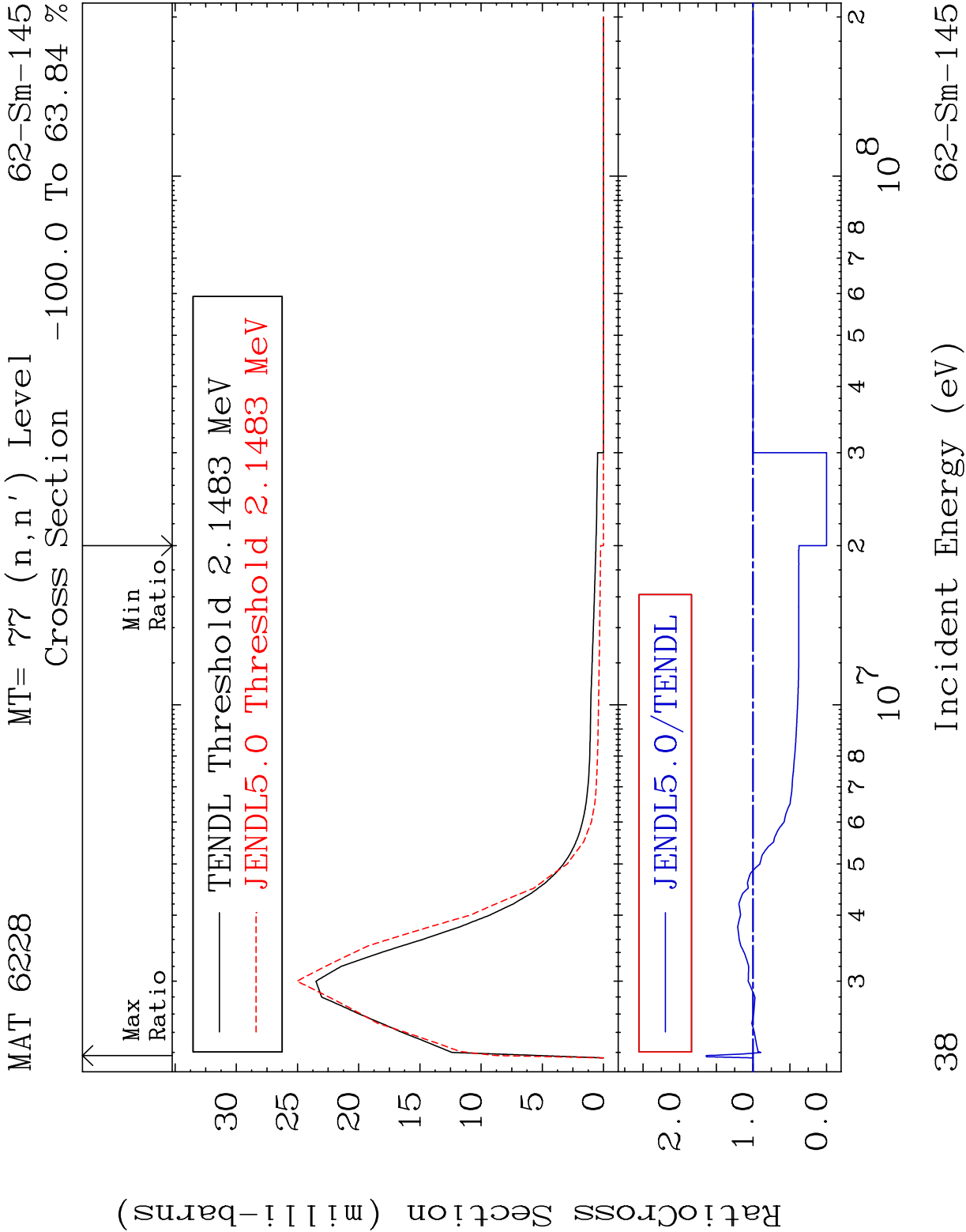
62-Sm-145

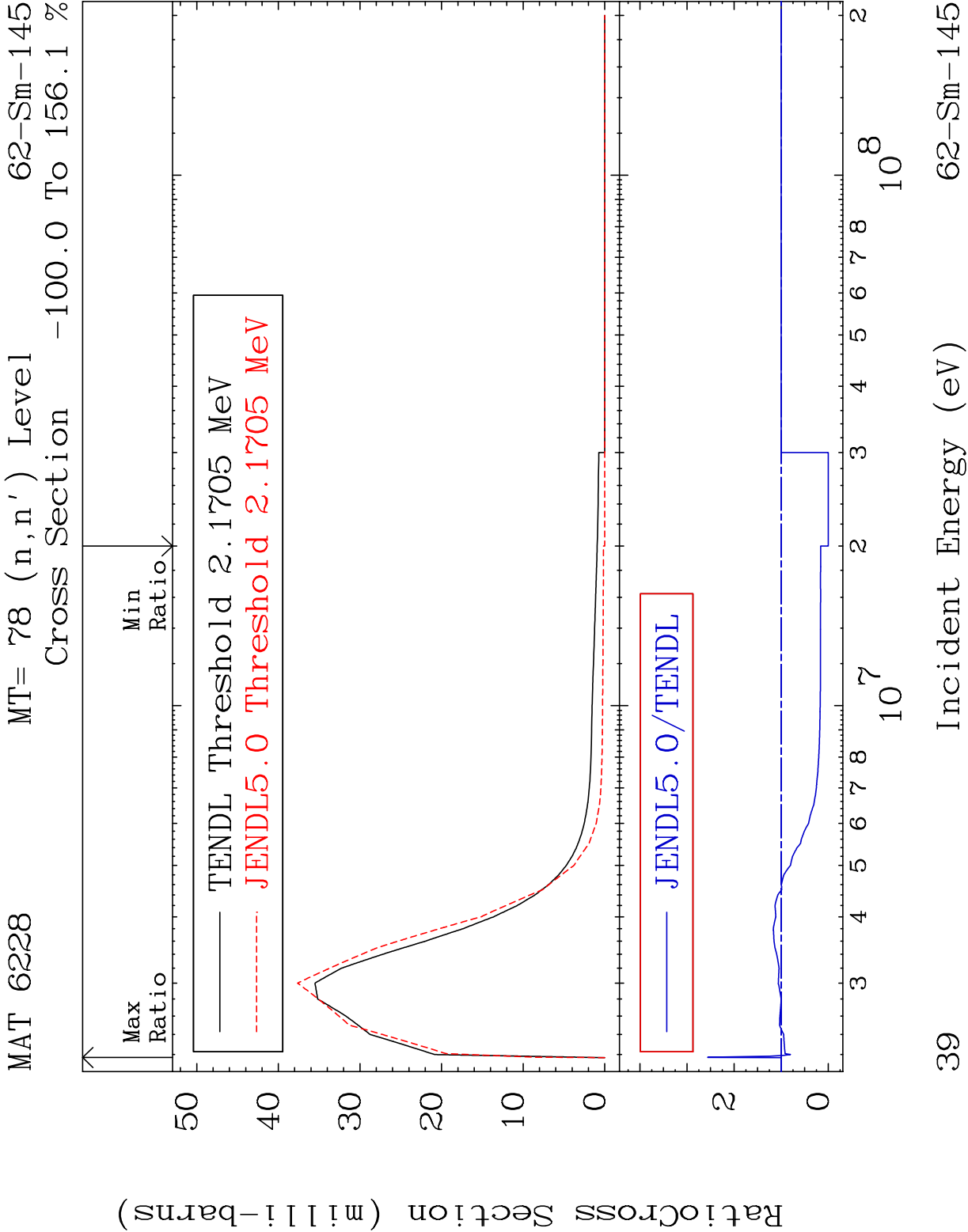
Cross Section

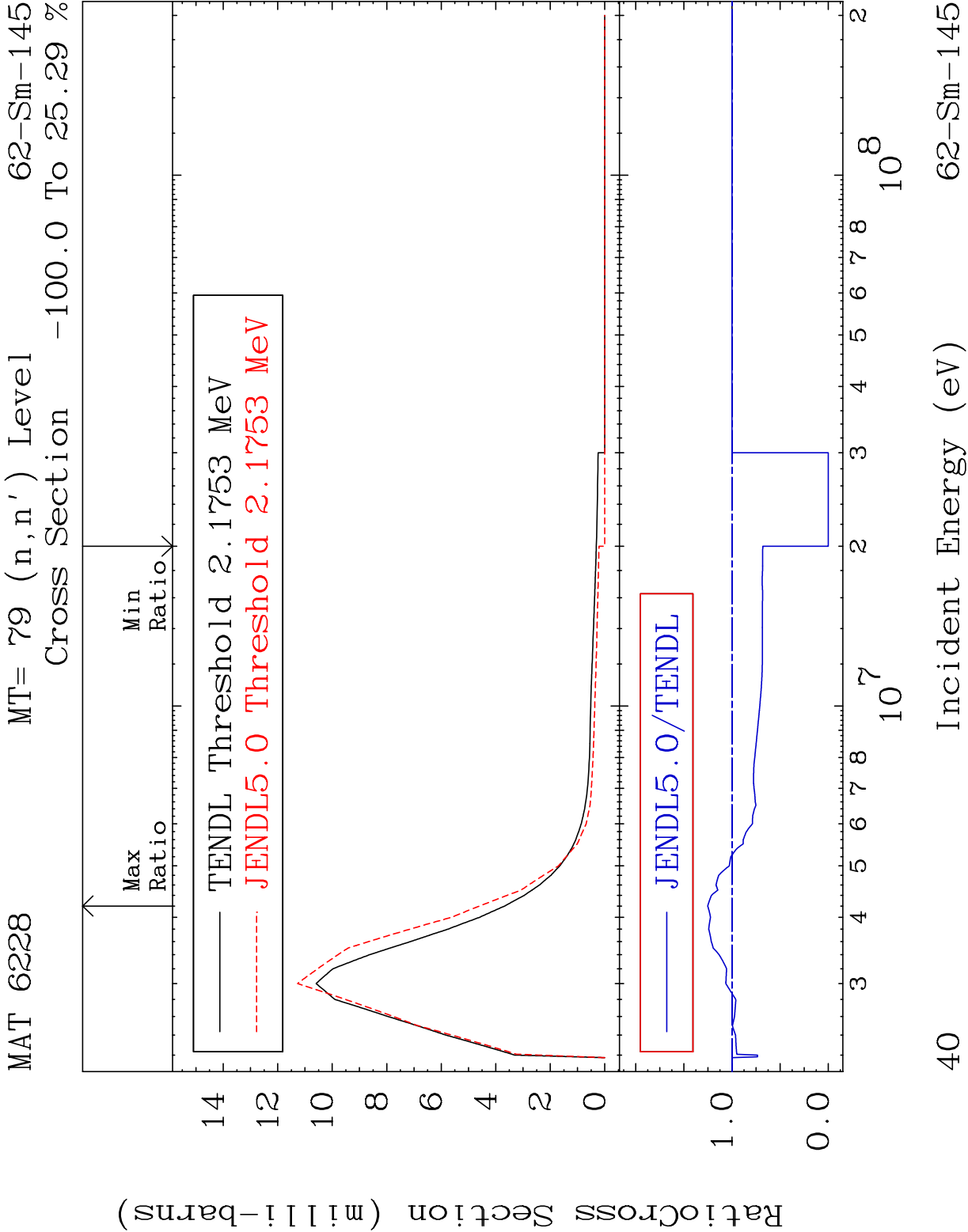


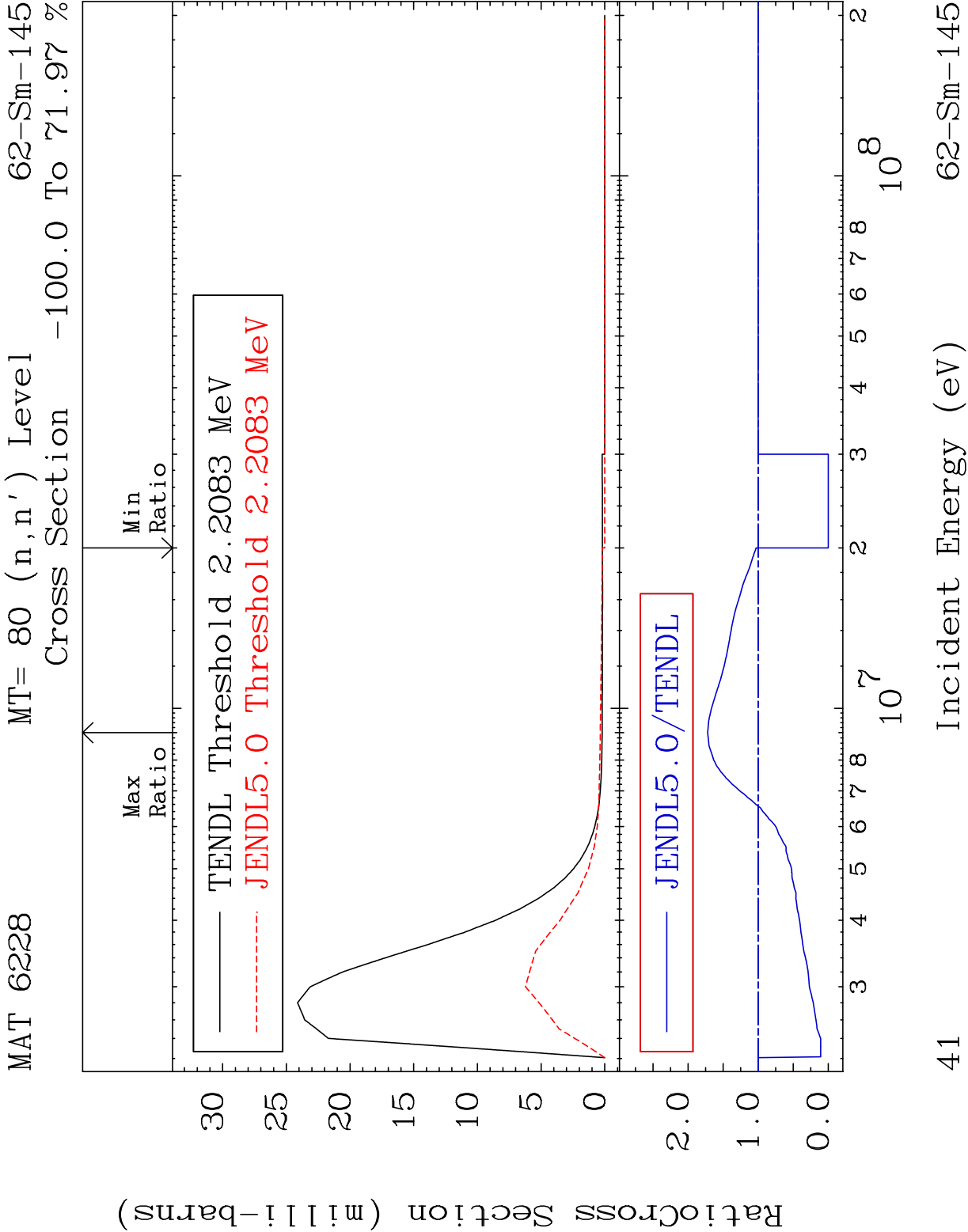


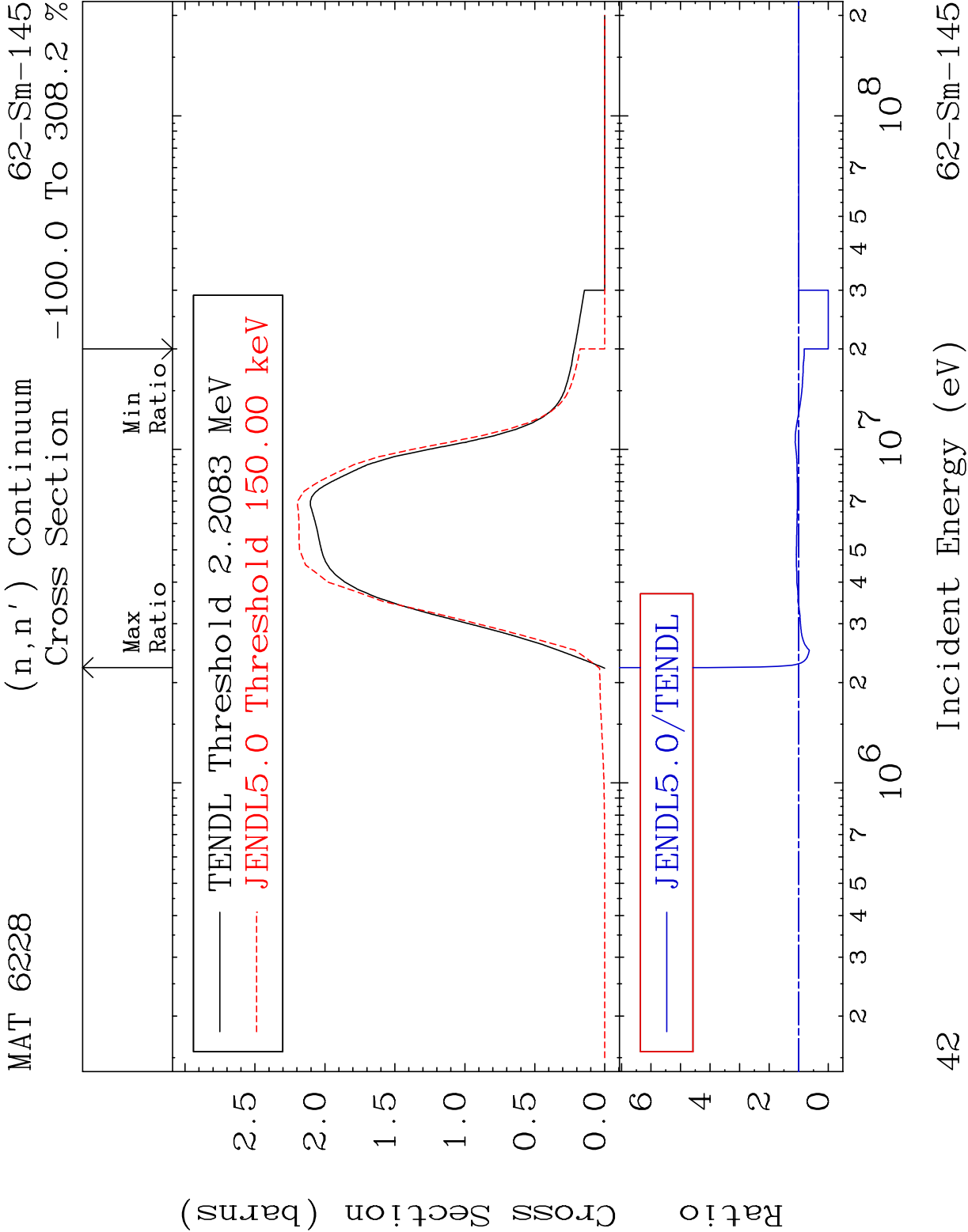


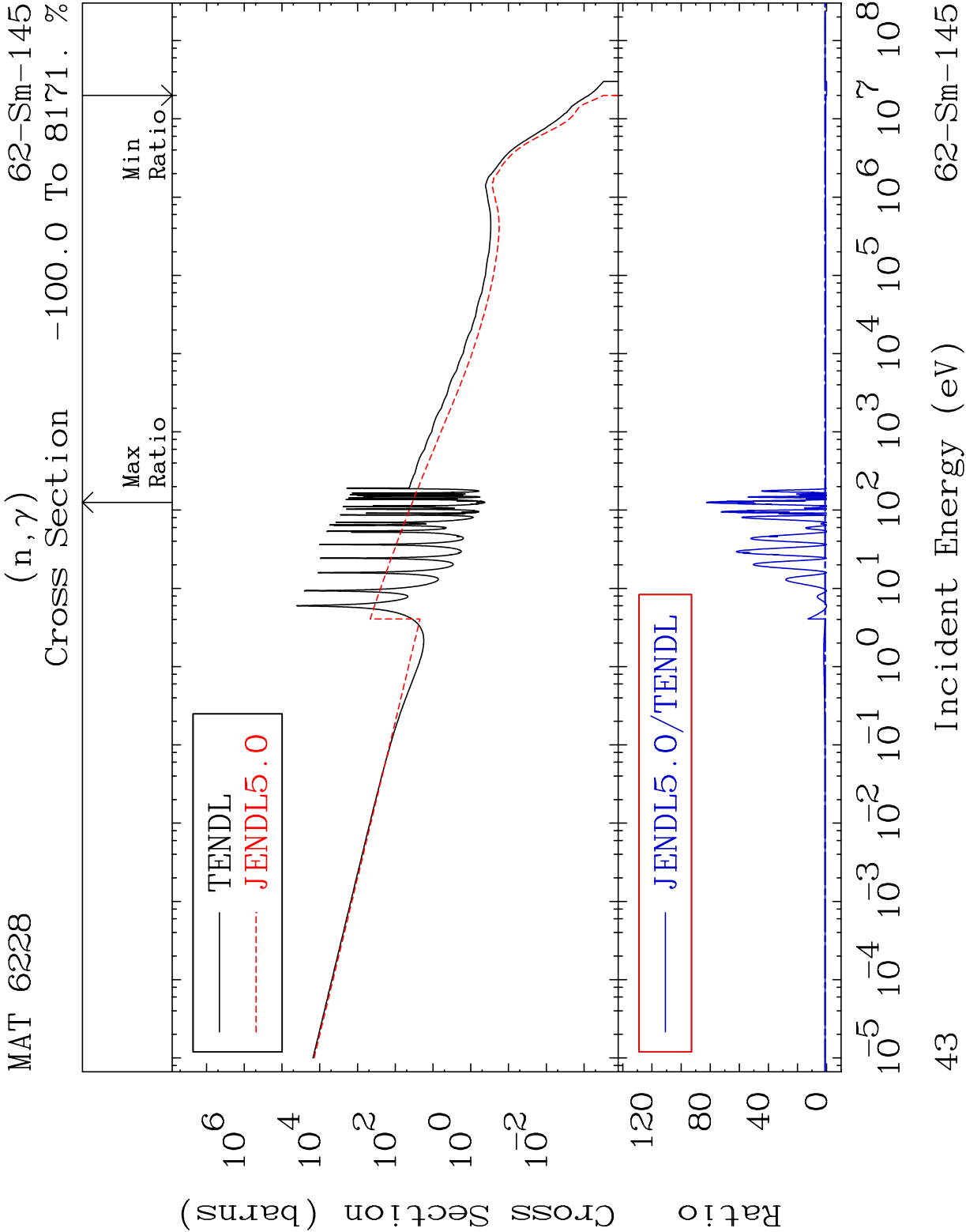


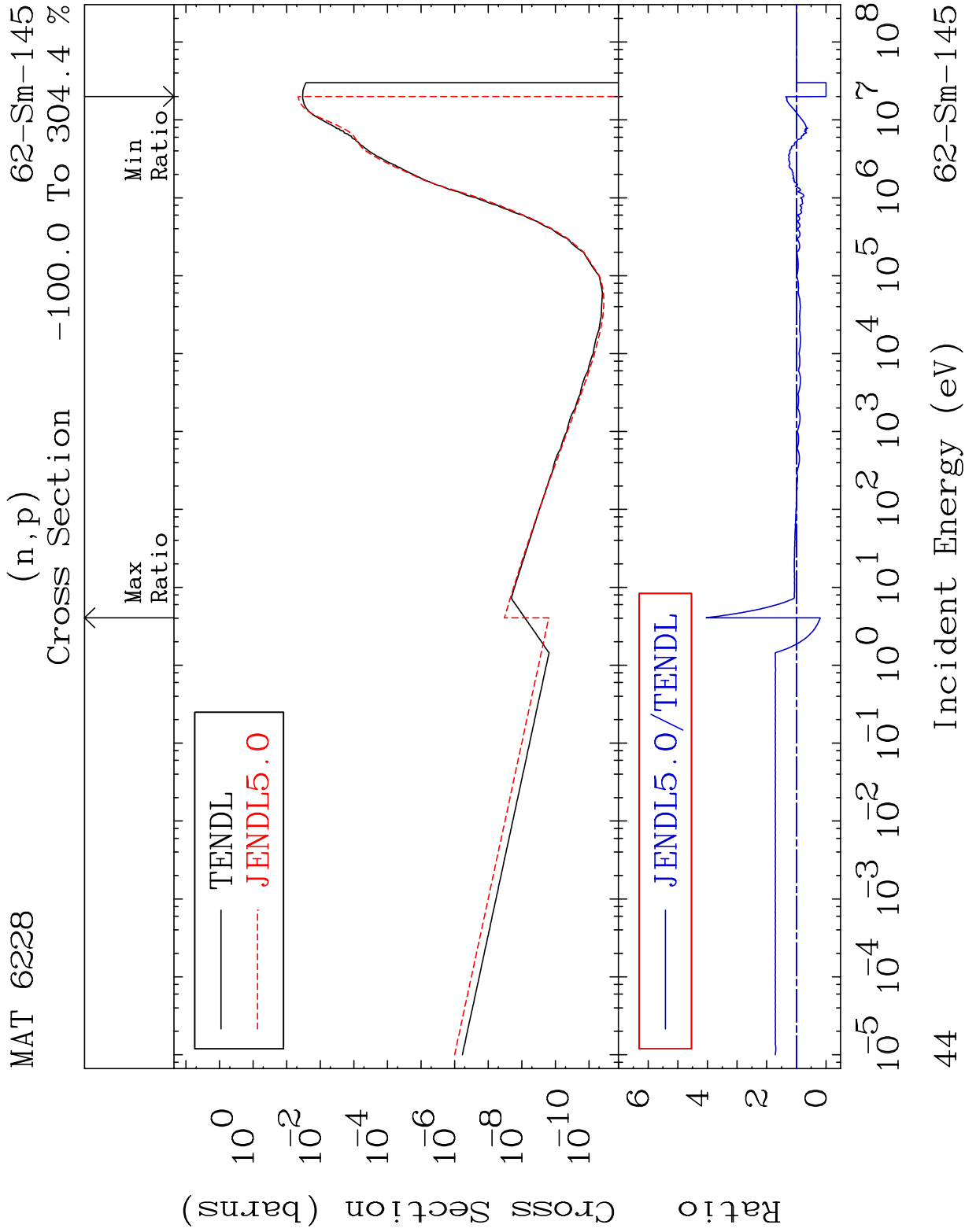


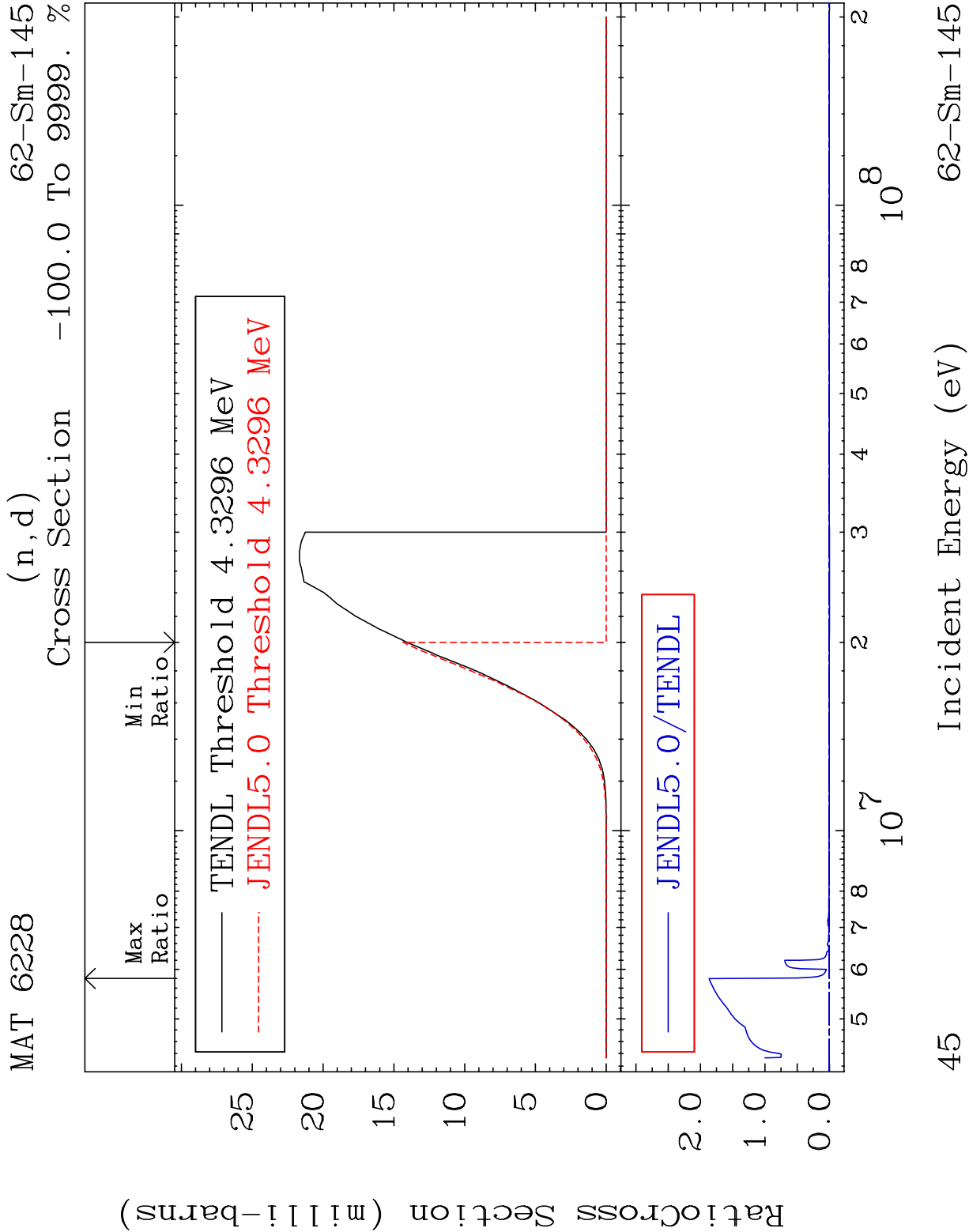


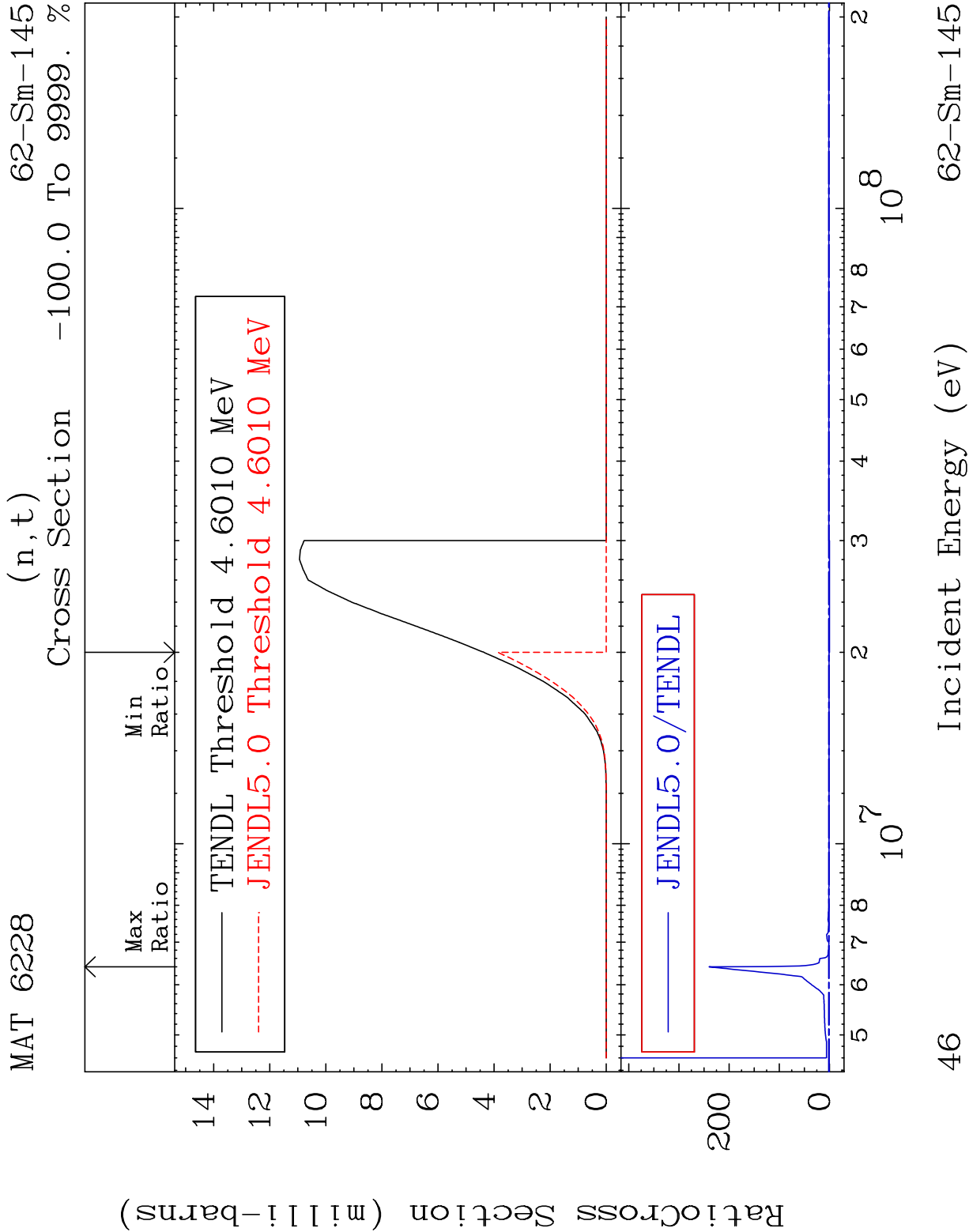


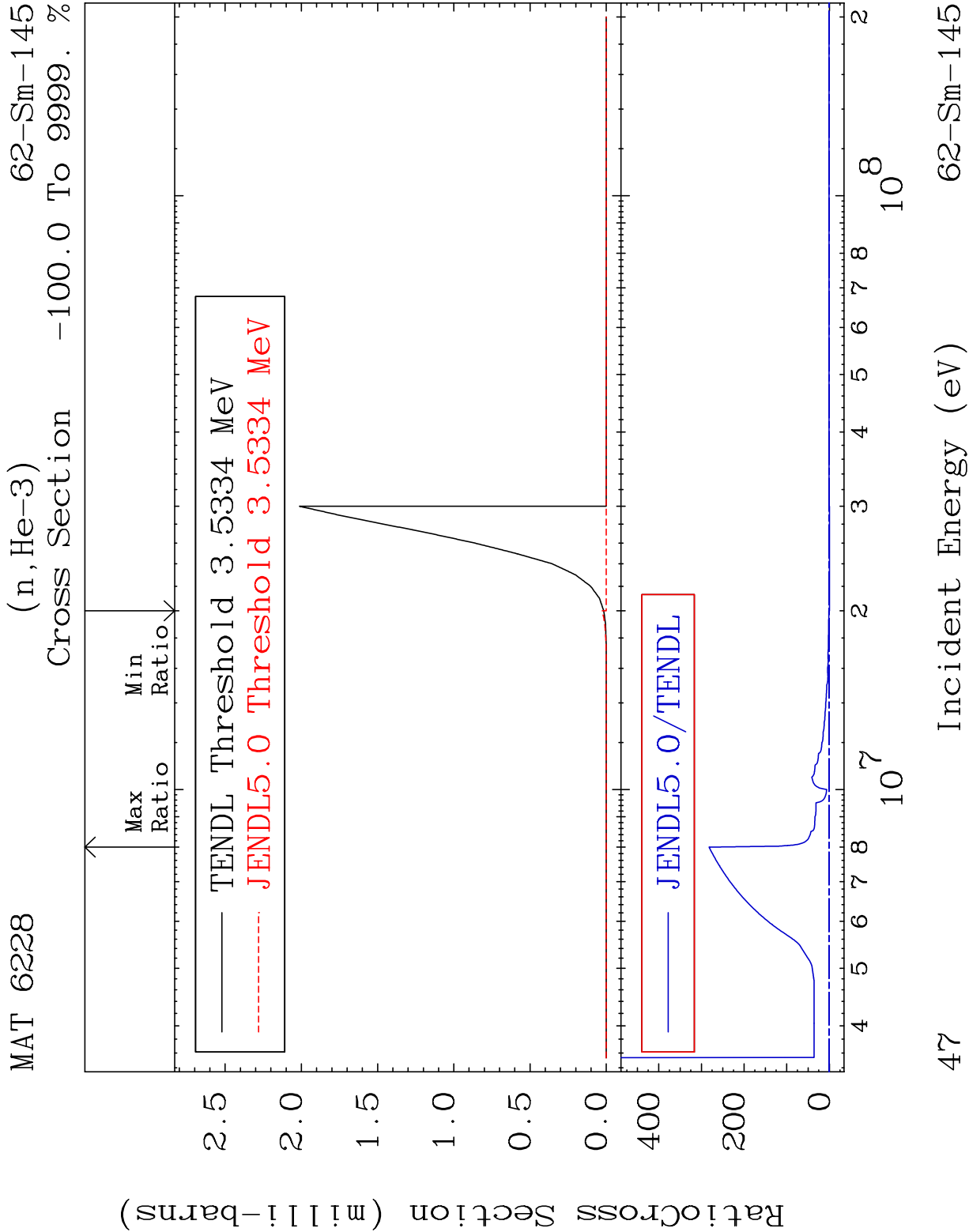


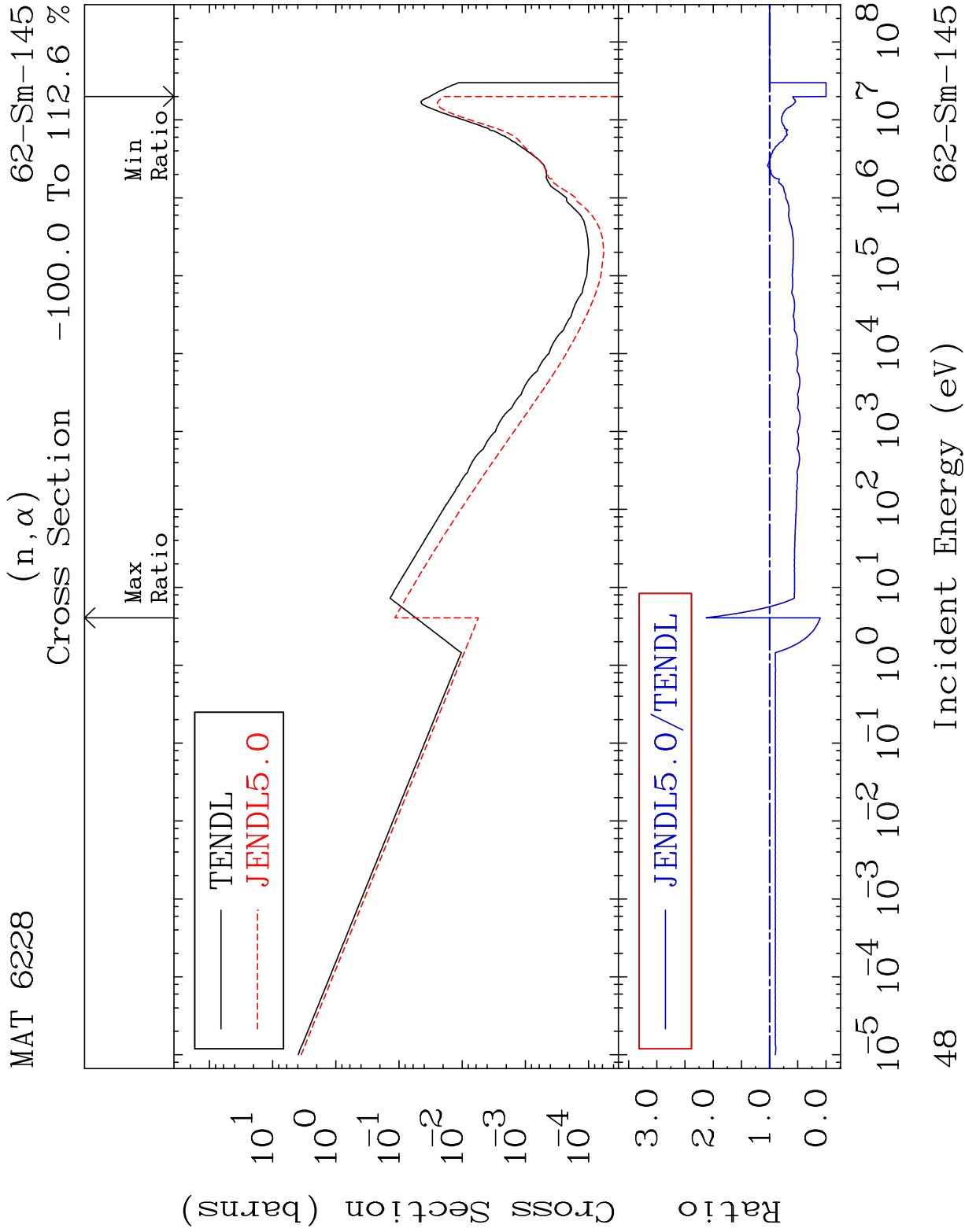


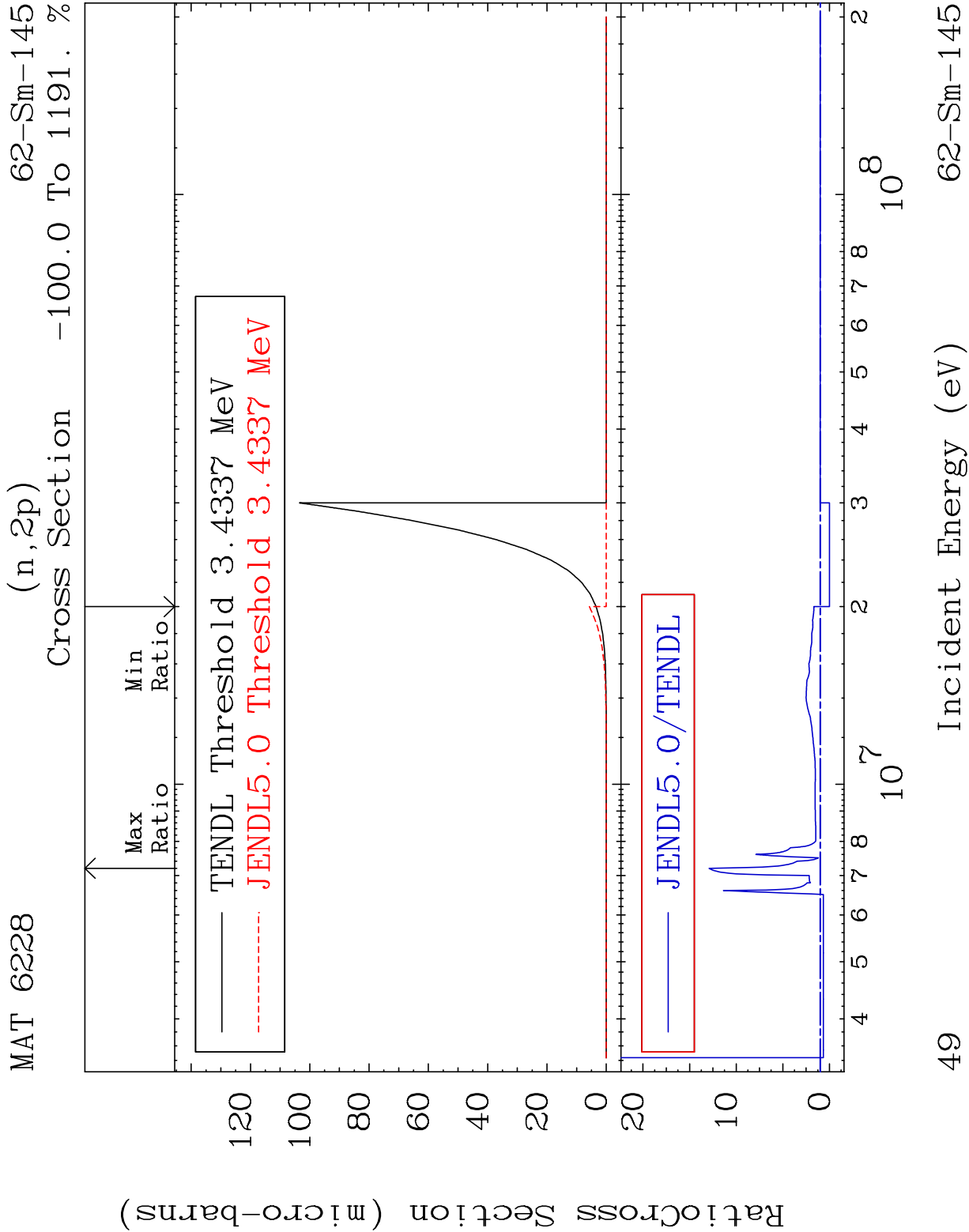


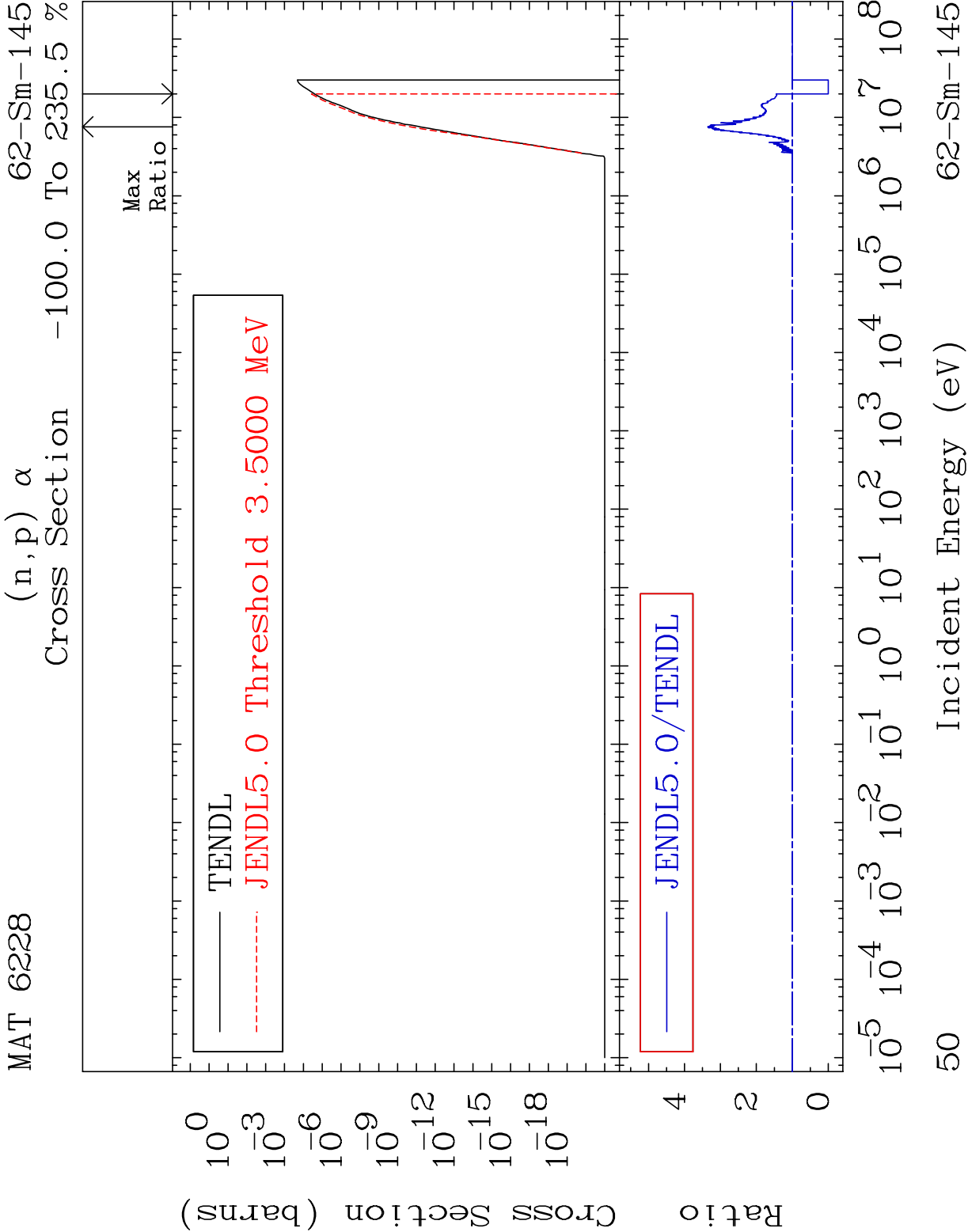


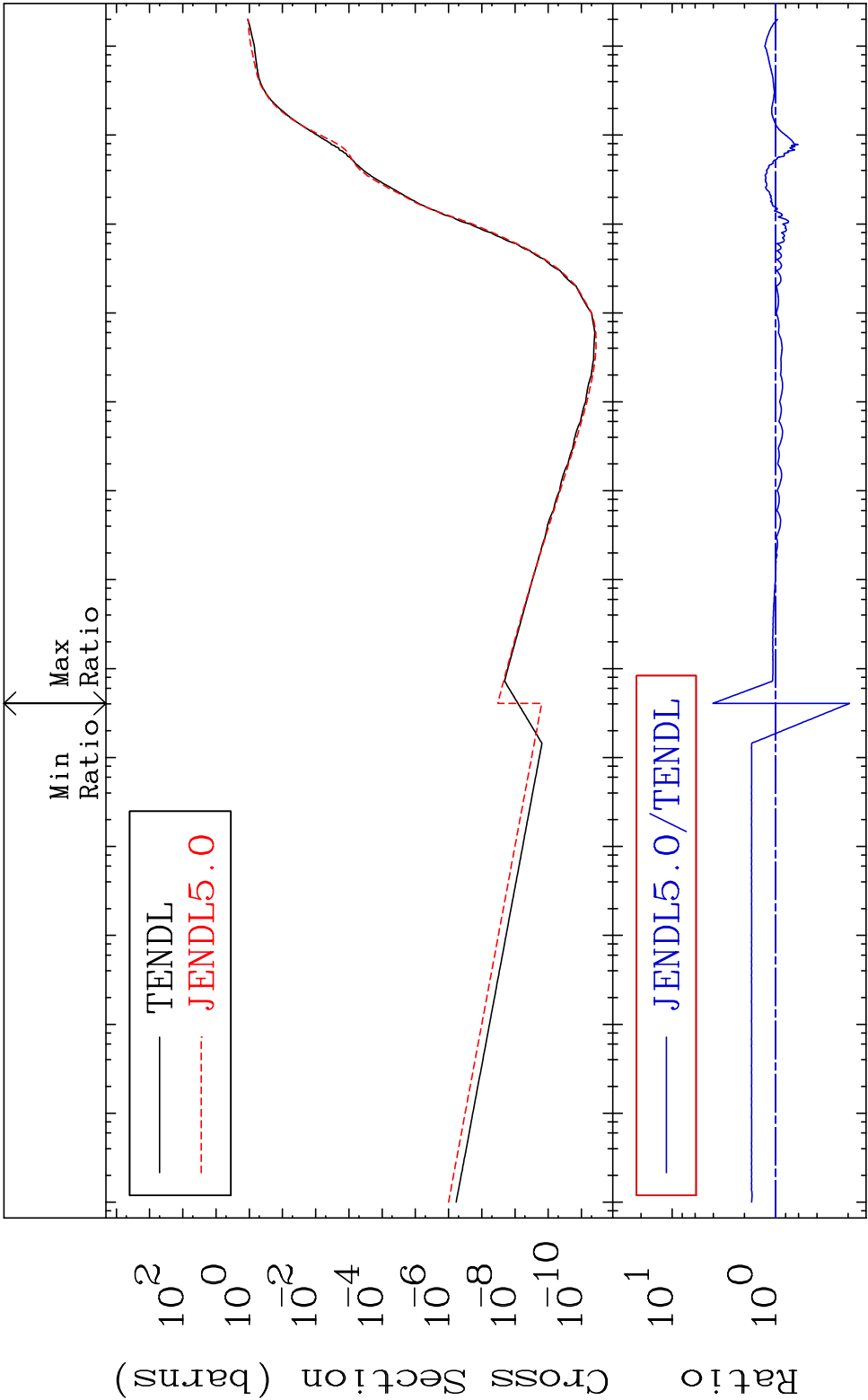


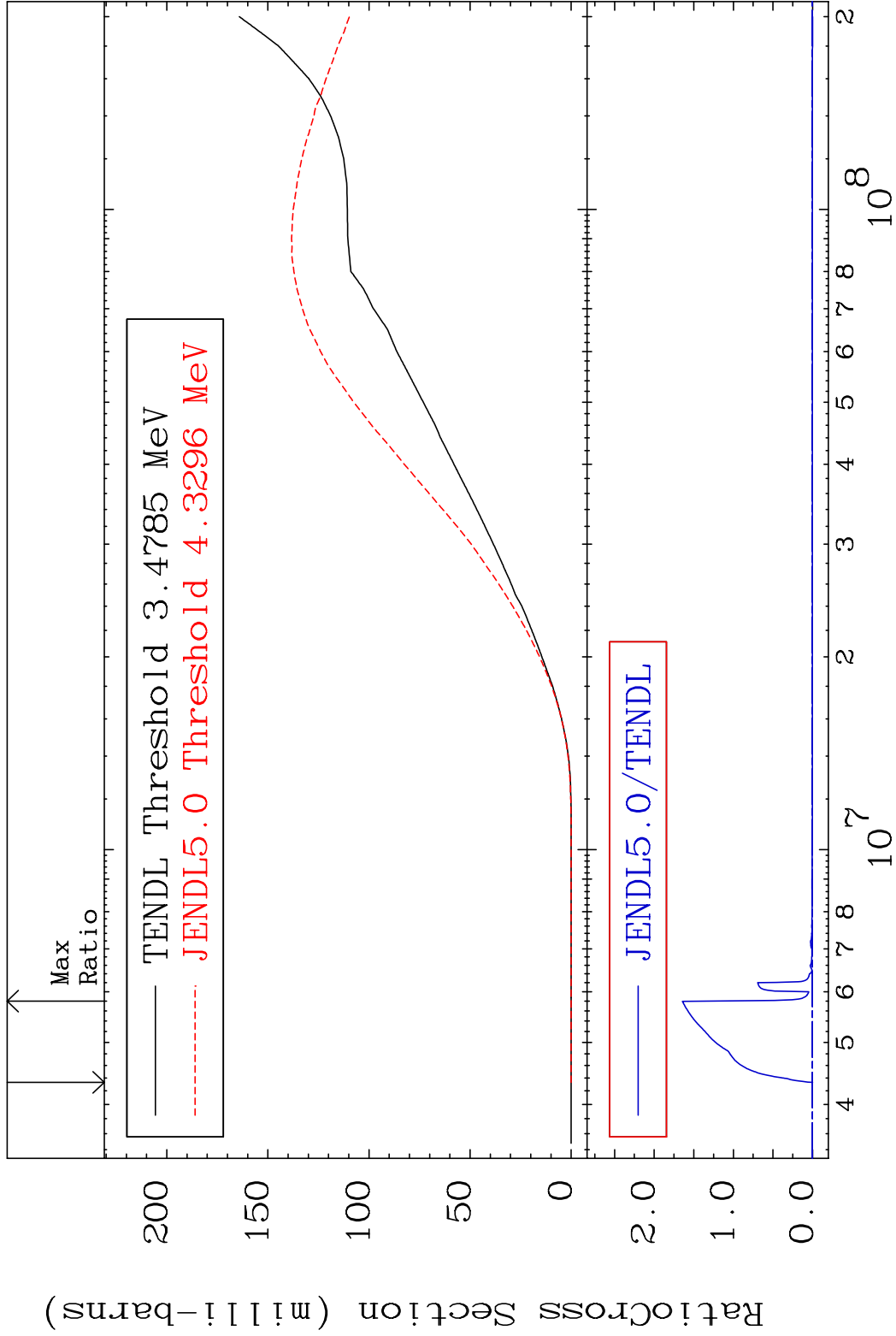


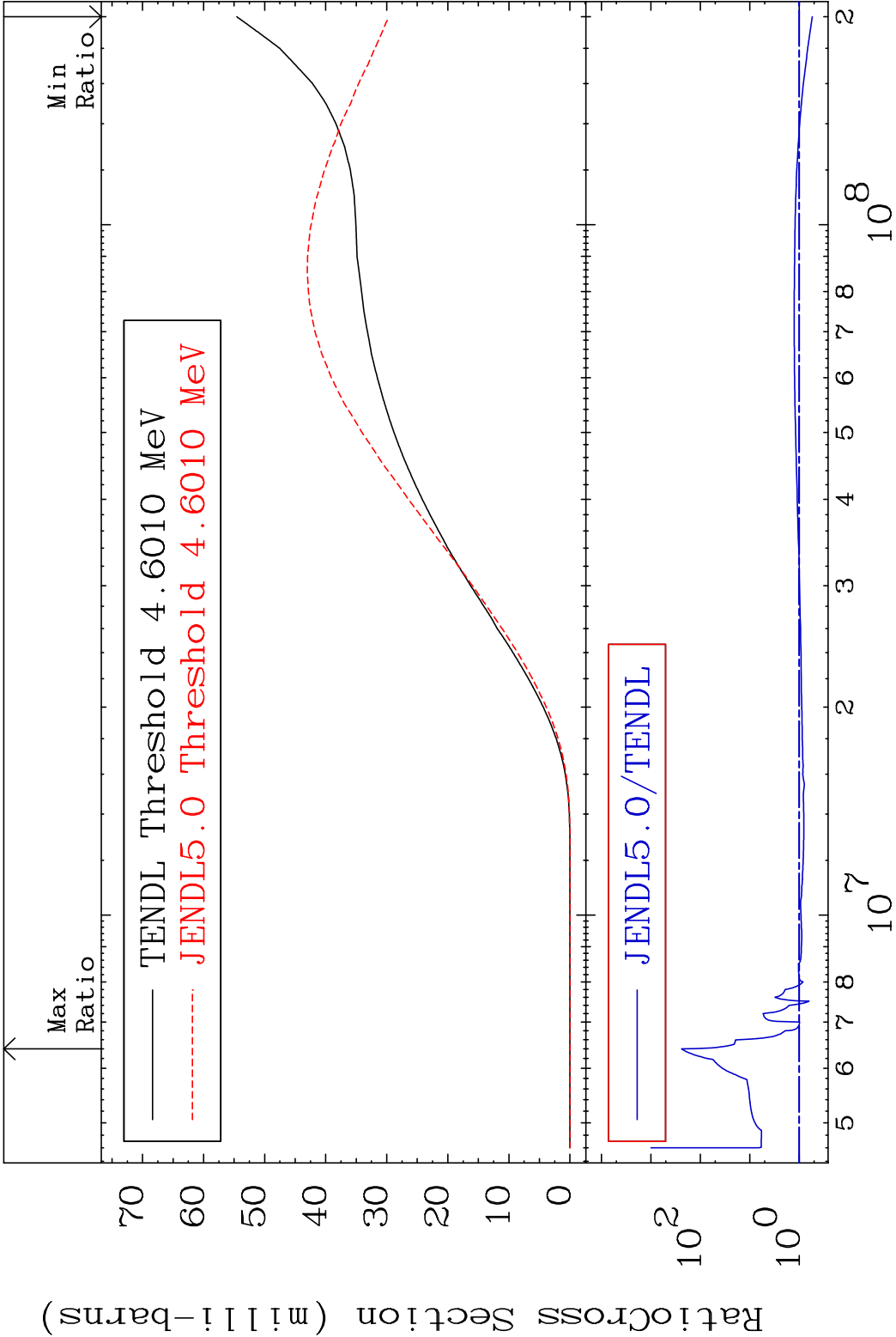


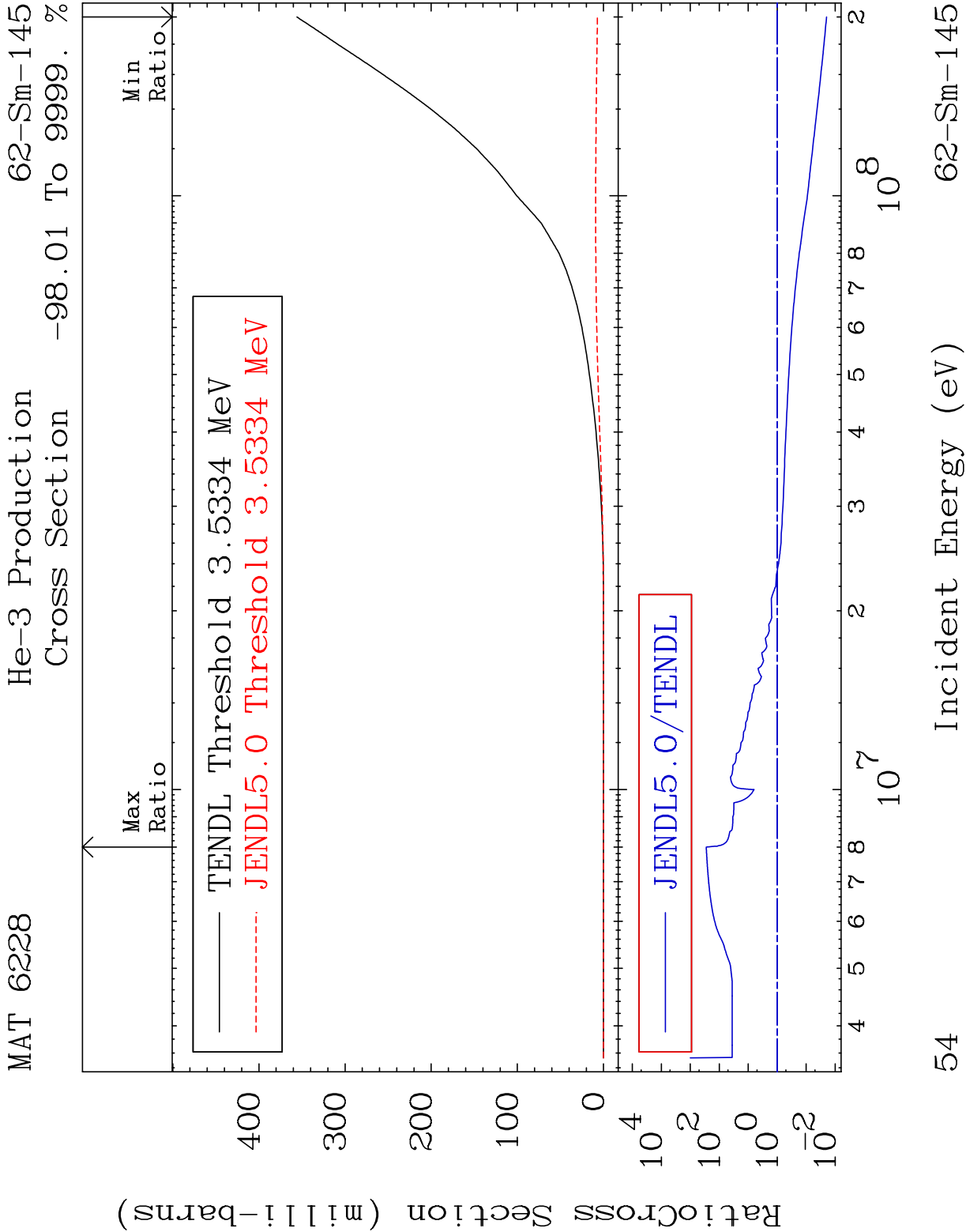


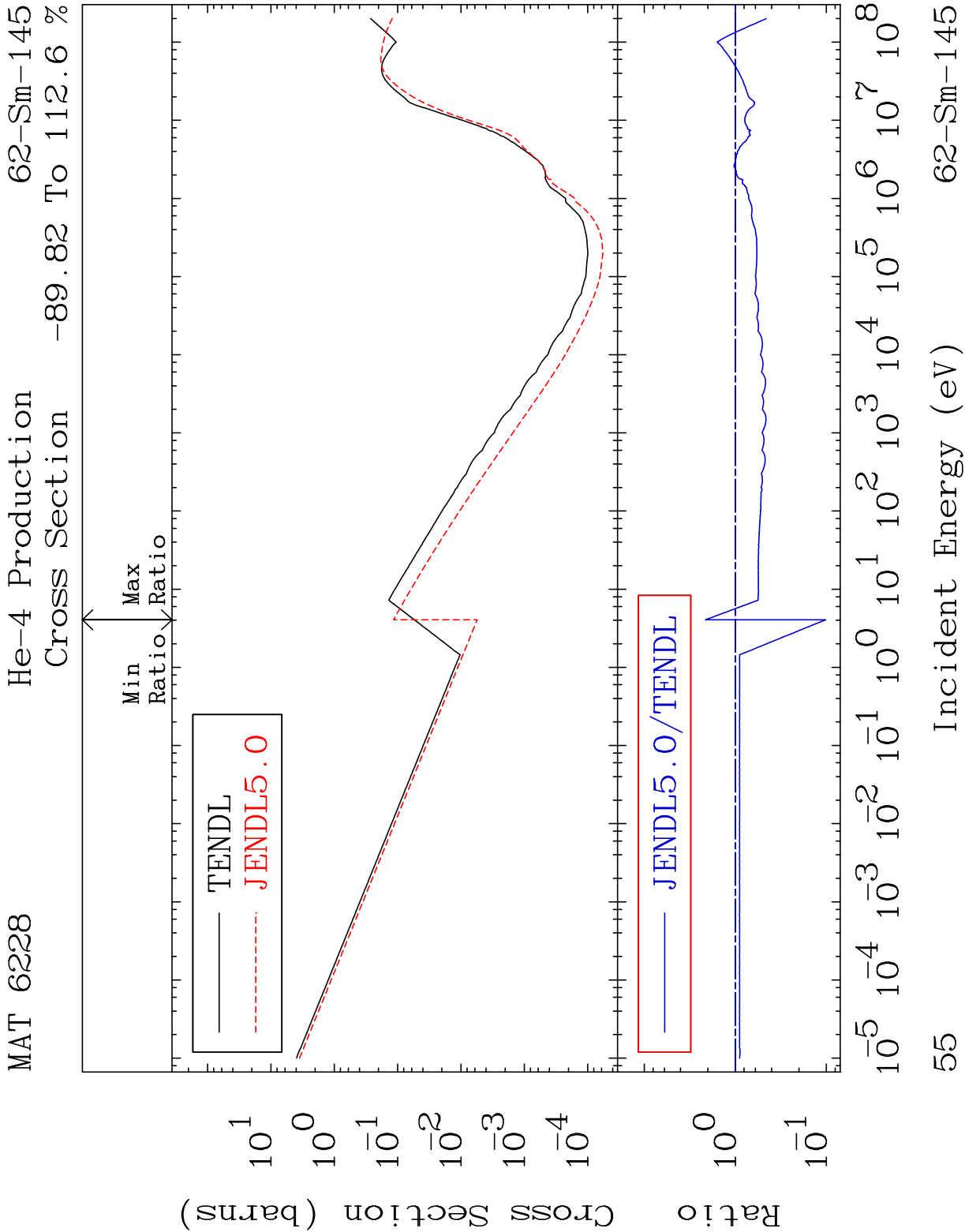










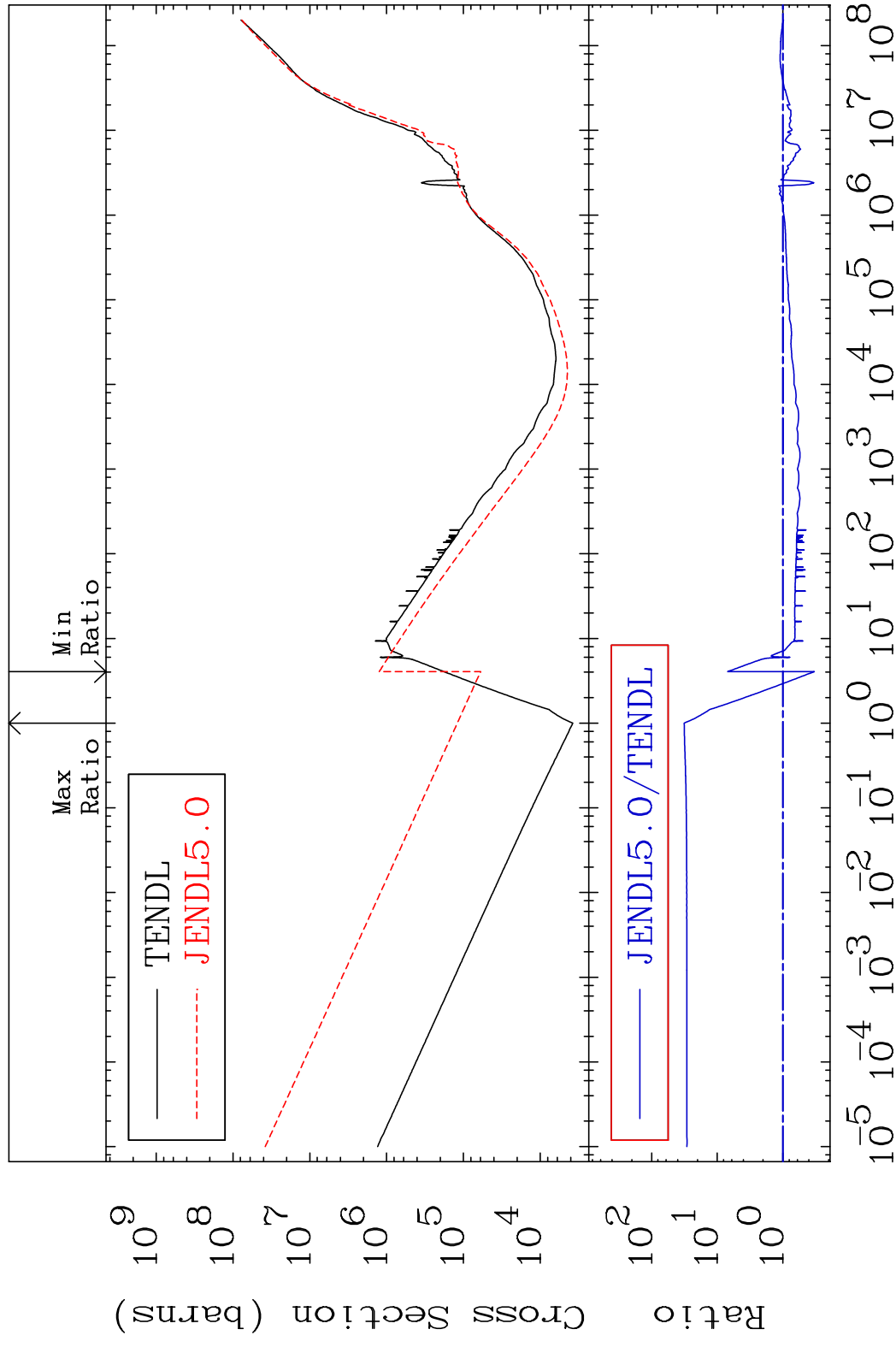


MAT 6228

Kerma total	(eV-barns)
	62-Sm-145

62-Sm-145

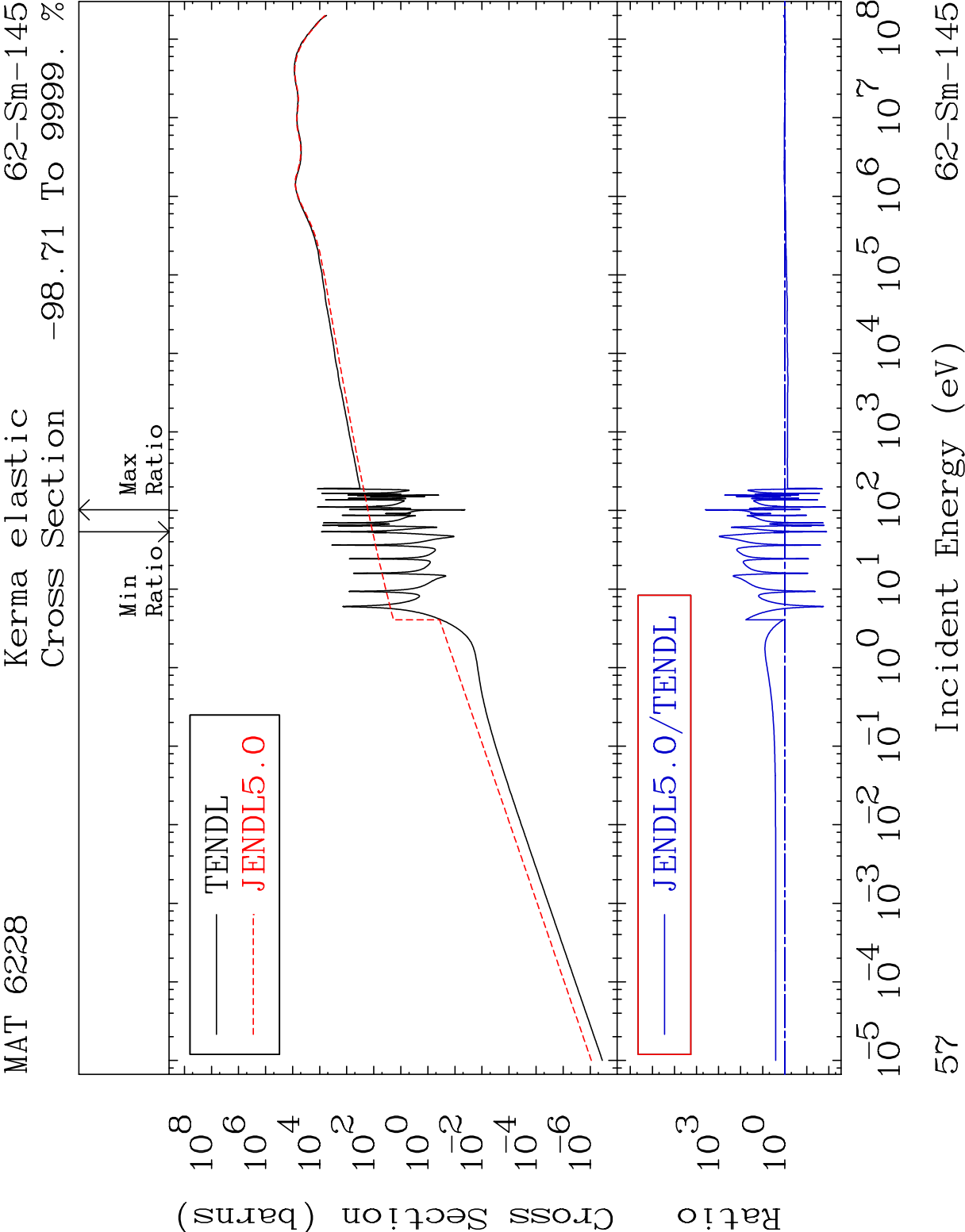
Cross Section -66.86 To 3101 . %

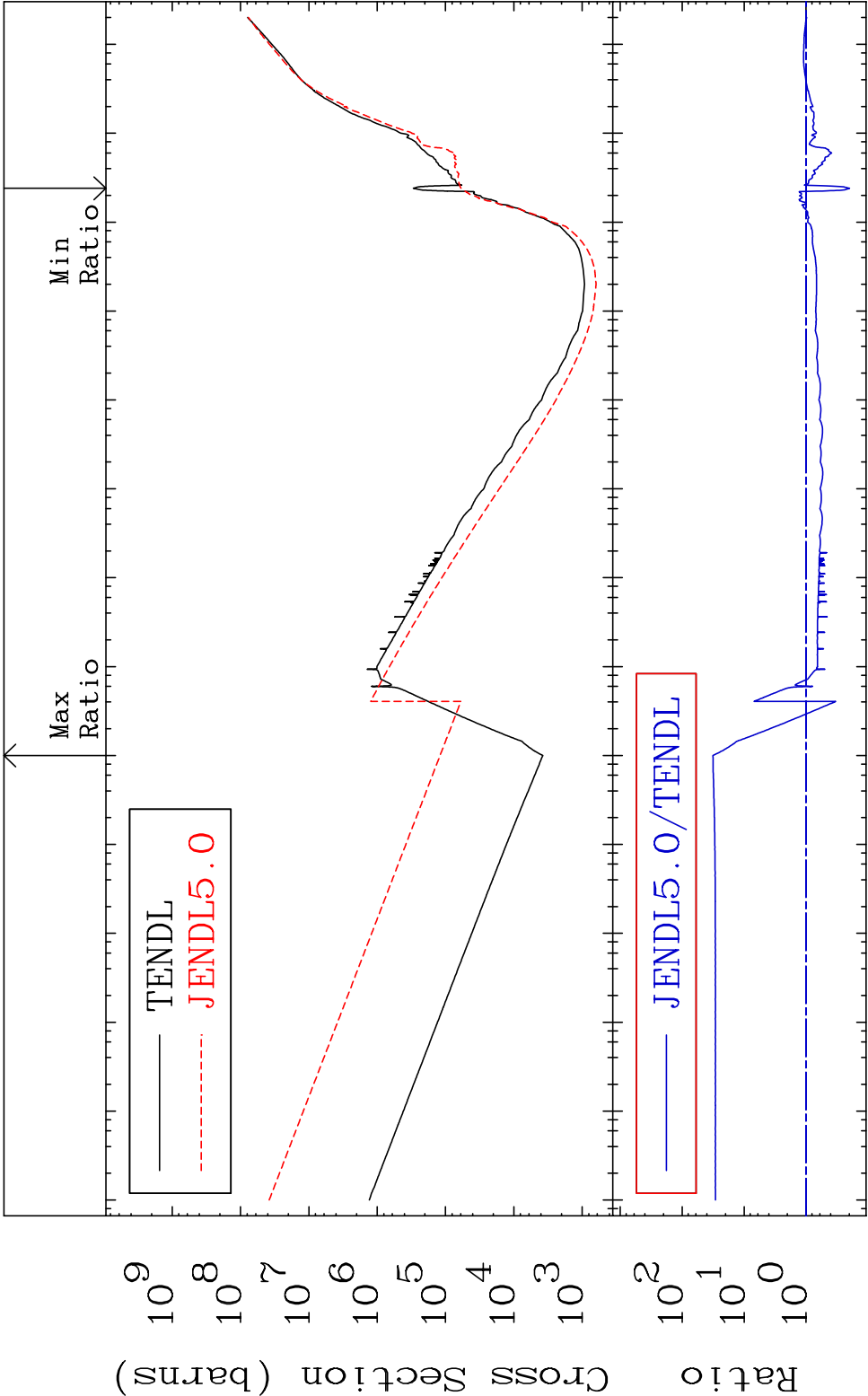


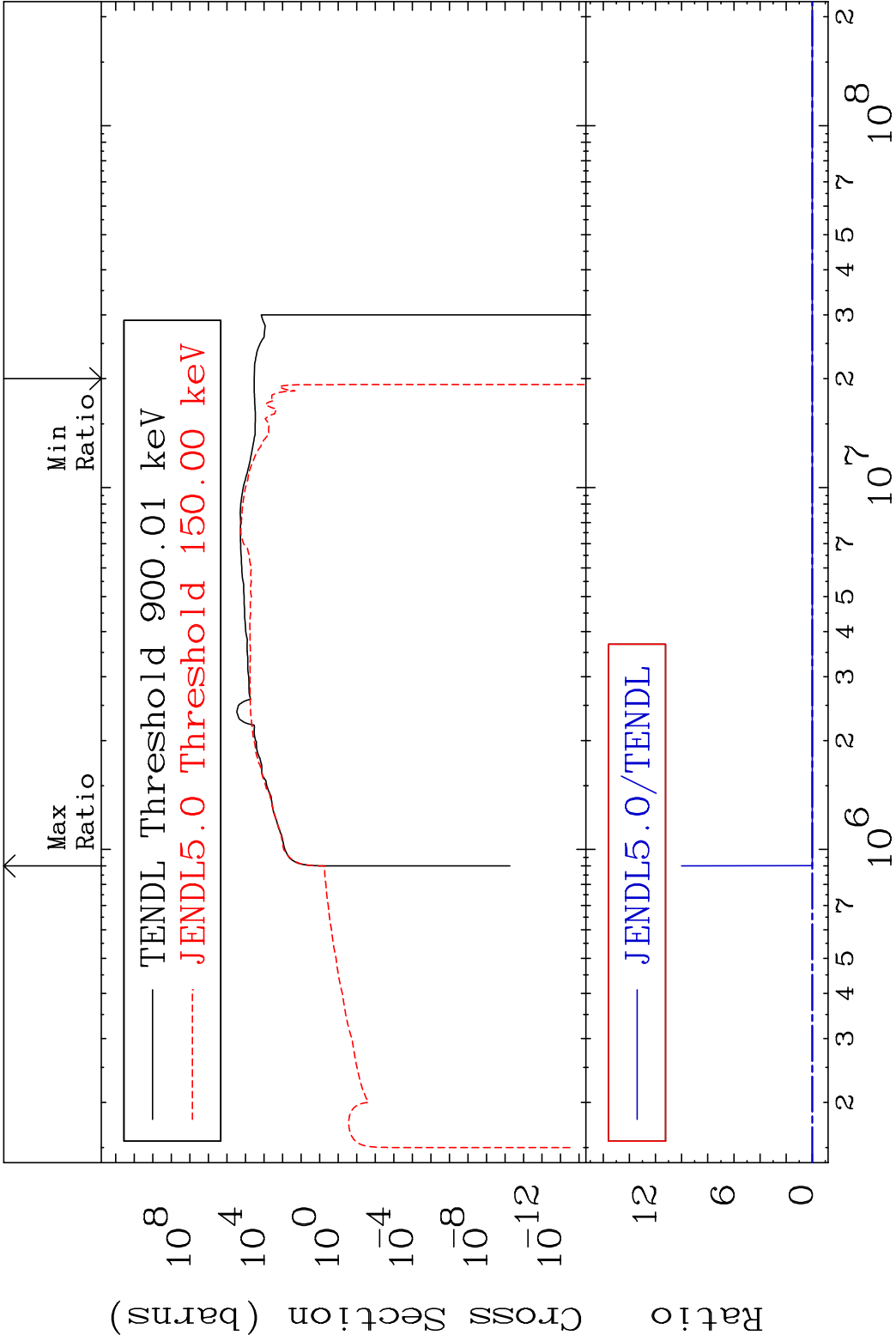
95

Incident Energy (eV)

62-Sm-145

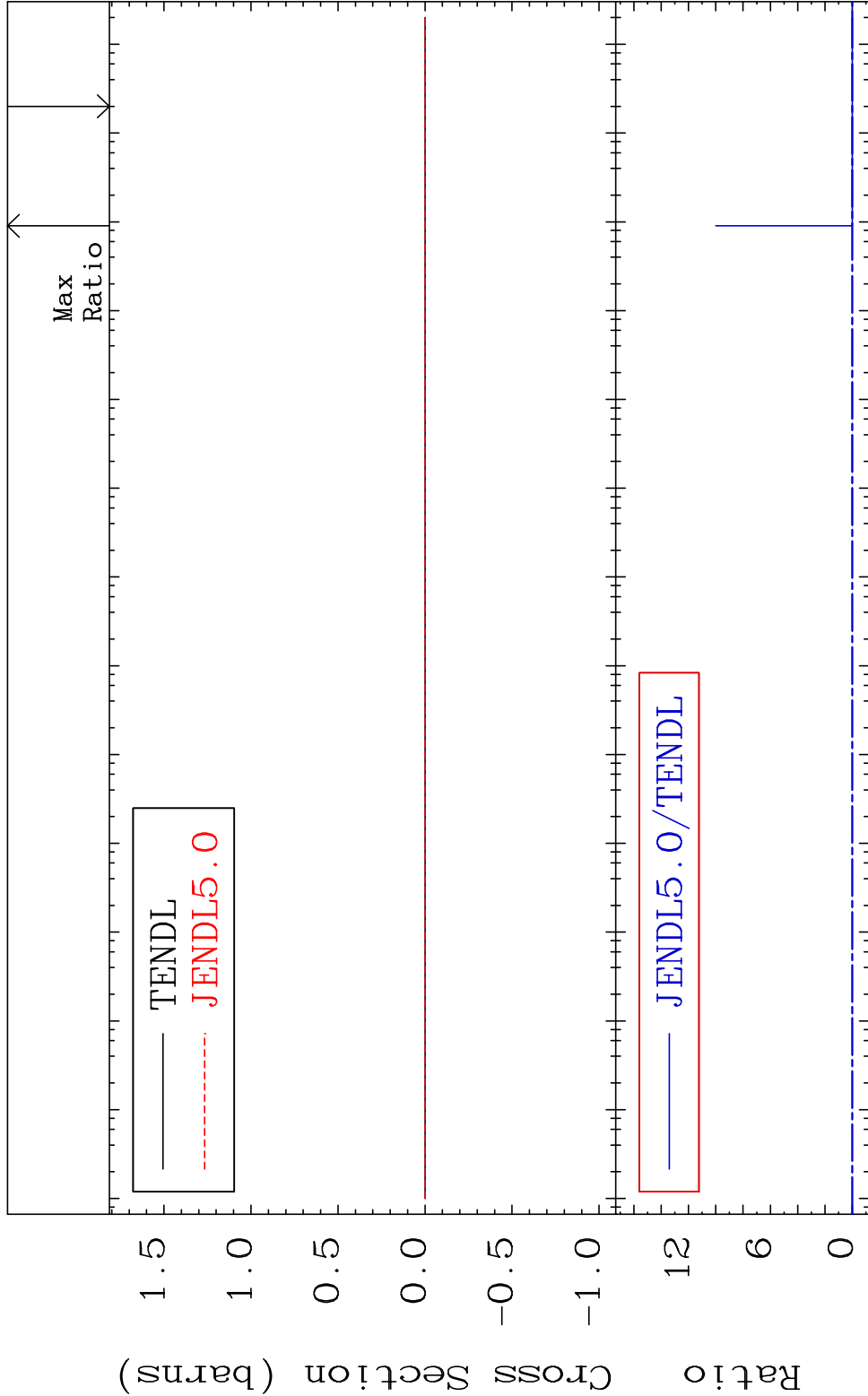






MAT 6228 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-145

Cross Section -111.7 To 9999. %



Ratio

12

6

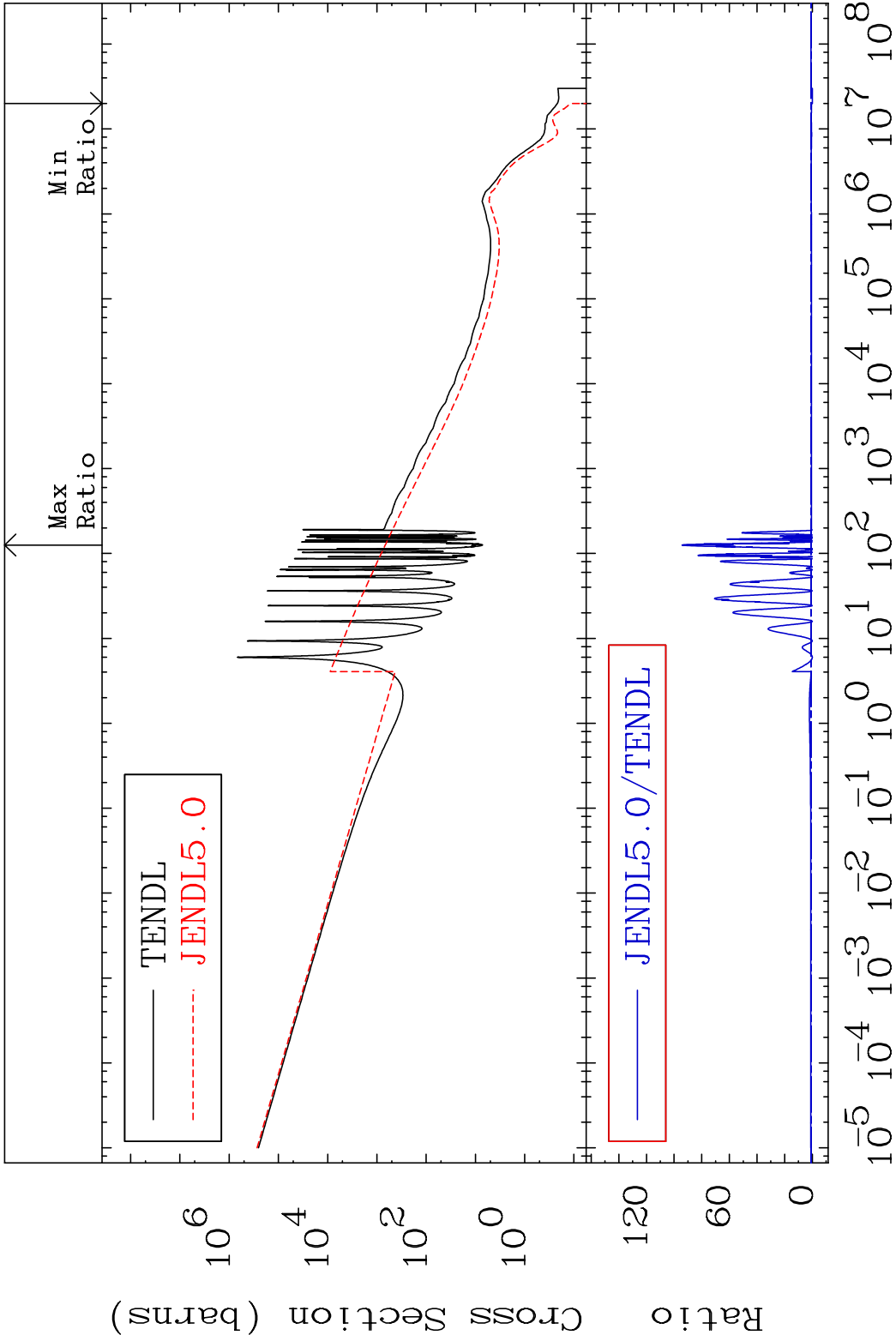
0

60

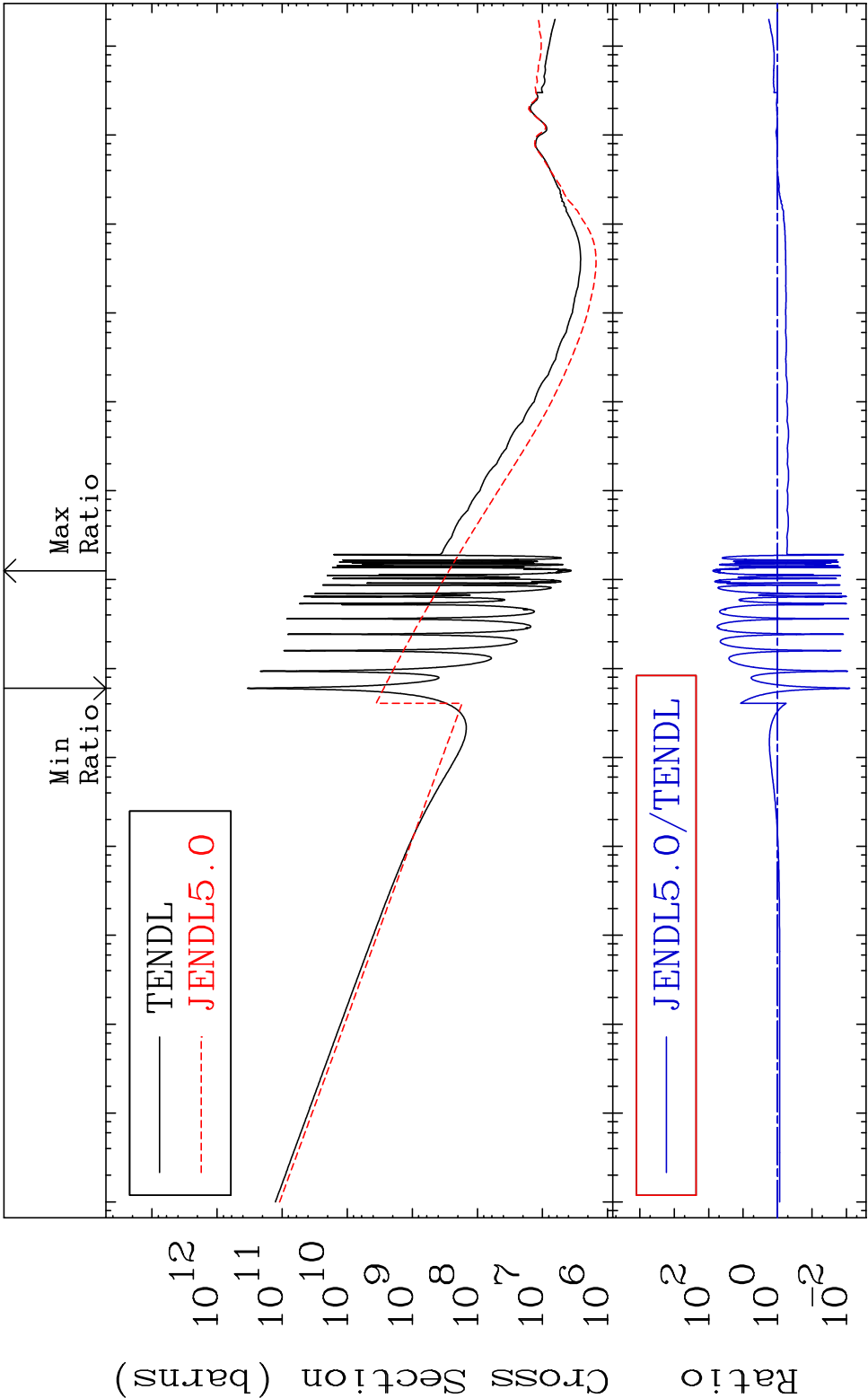
Incident Energy (eV)

62-Sm-145

MAT 6228 Kerma capture (mt102) 62-Sm-145
Cross Section -100.0 To 9346. %

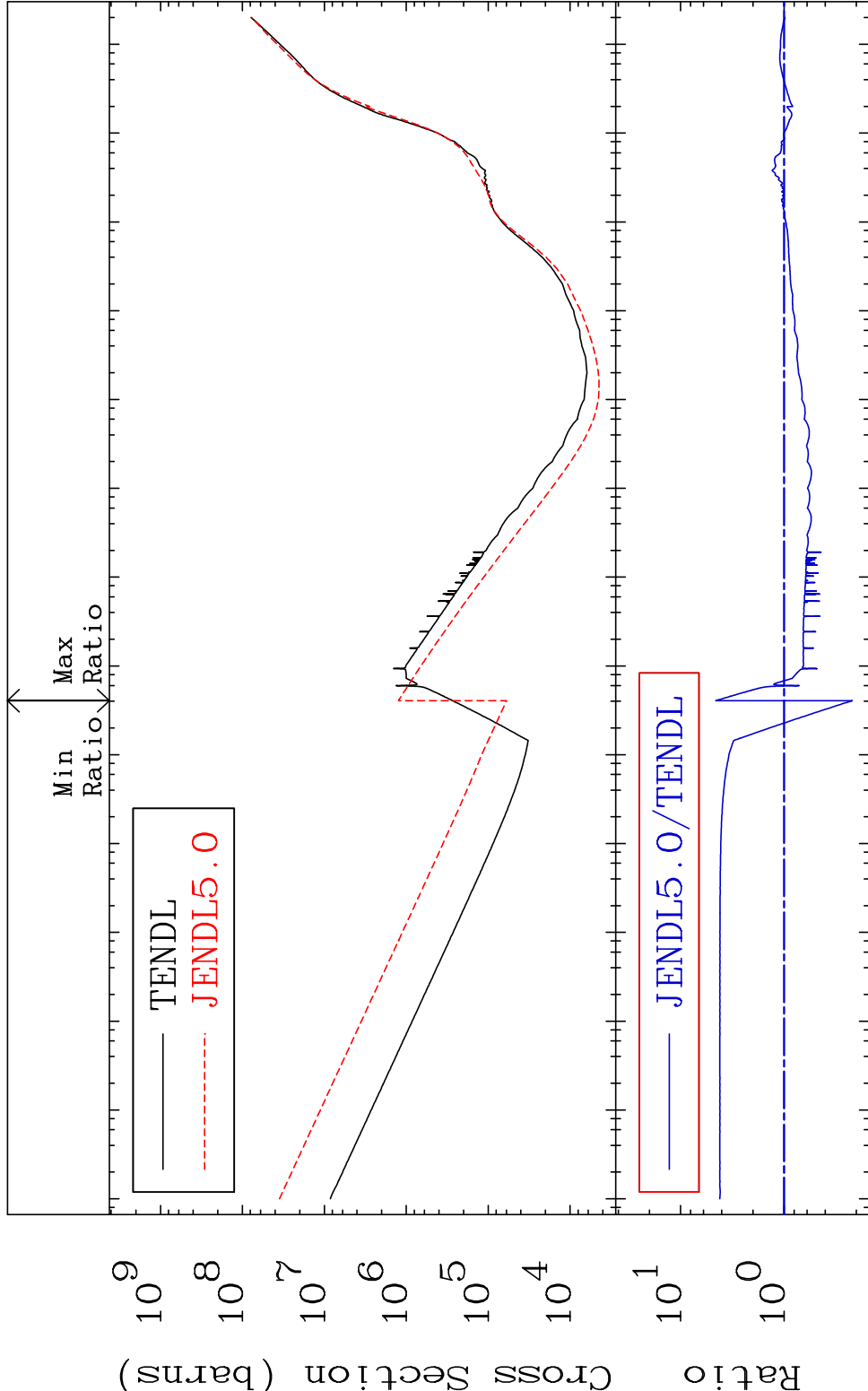


MAT 6228 Total photon (eV-barns) 62-Sm-145
Cross Section -99.19 To 7484. %



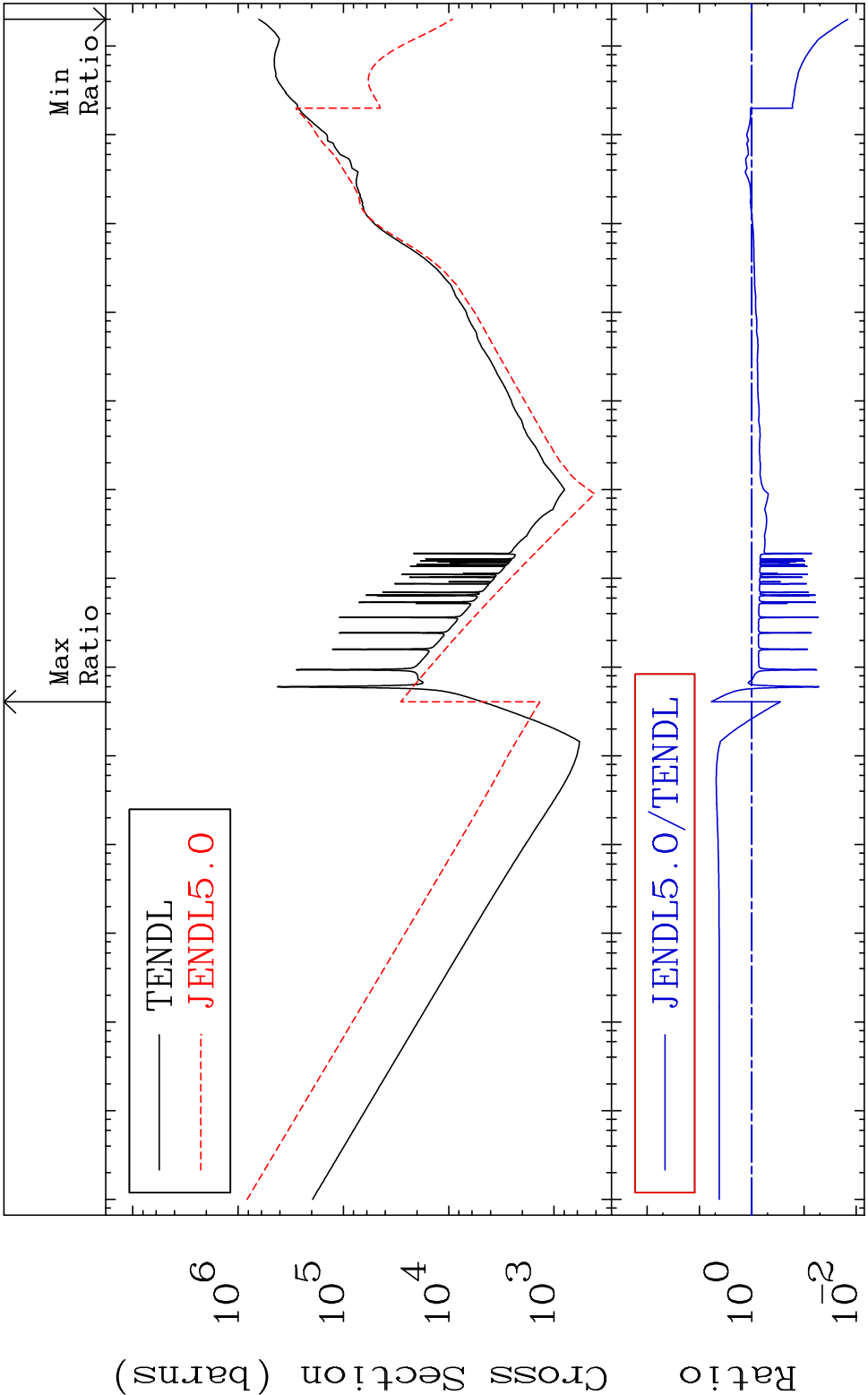
62 Incident Energy (eV) 62-Sm-145

MAT 6228 Total kinematic kerma (high limit) 62-Sm-145
Cross Section -78.06 To 358.0 %

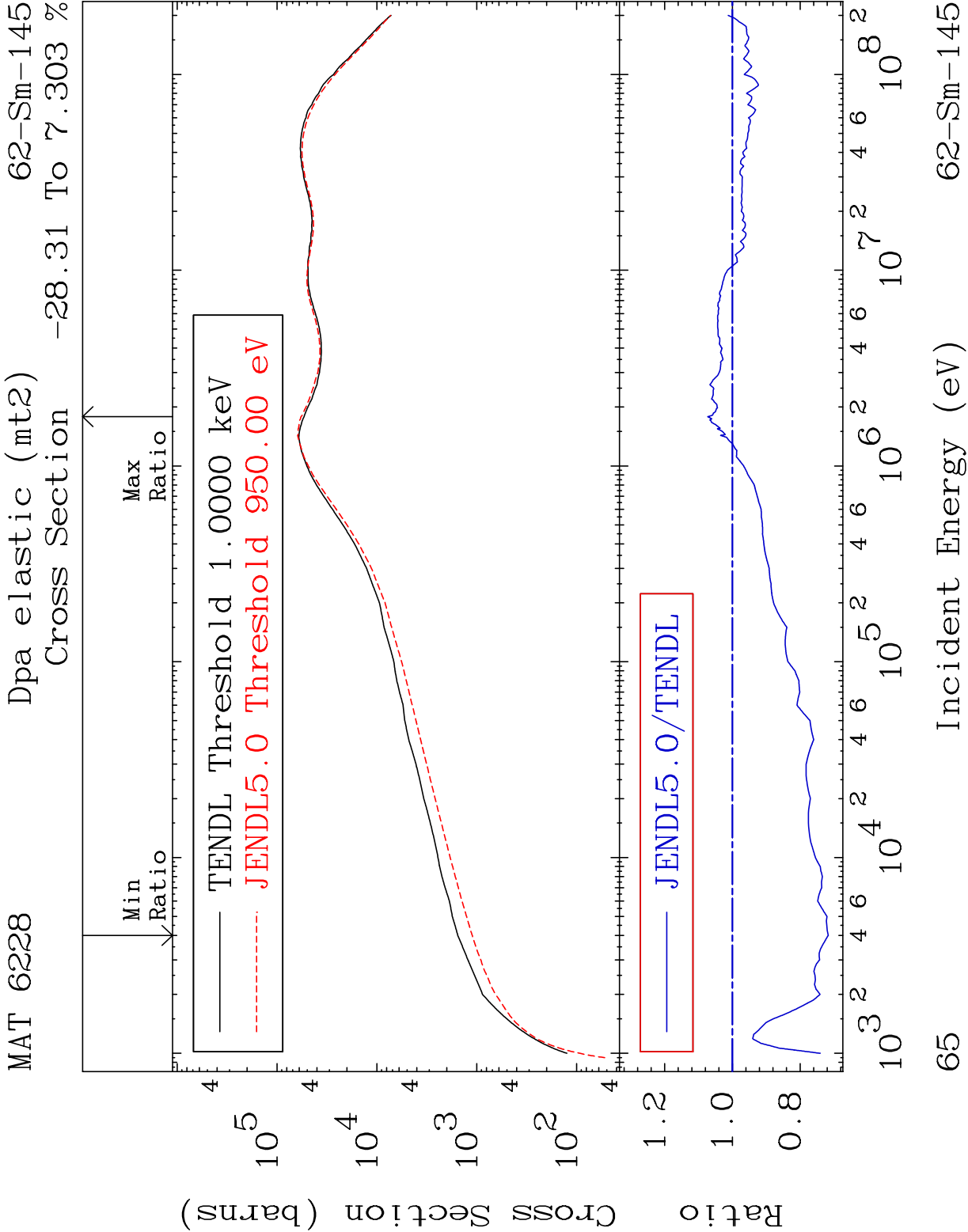


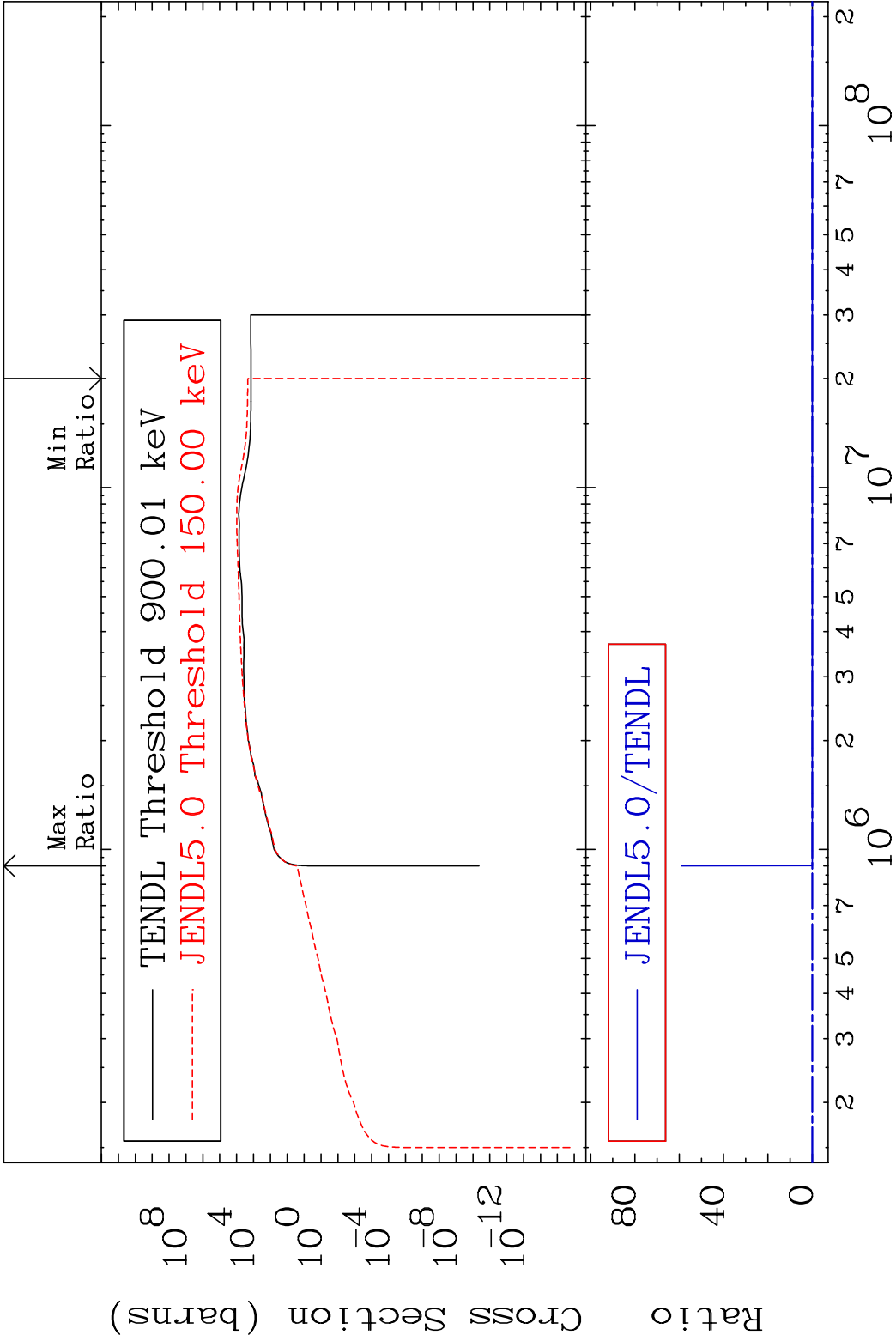
63 Incident Energy (eV) 62-Sm-145

MAT 6228 Dpa total (eV-barns) 62-Sm-145
Cross Section -98.54 To 493.0 %



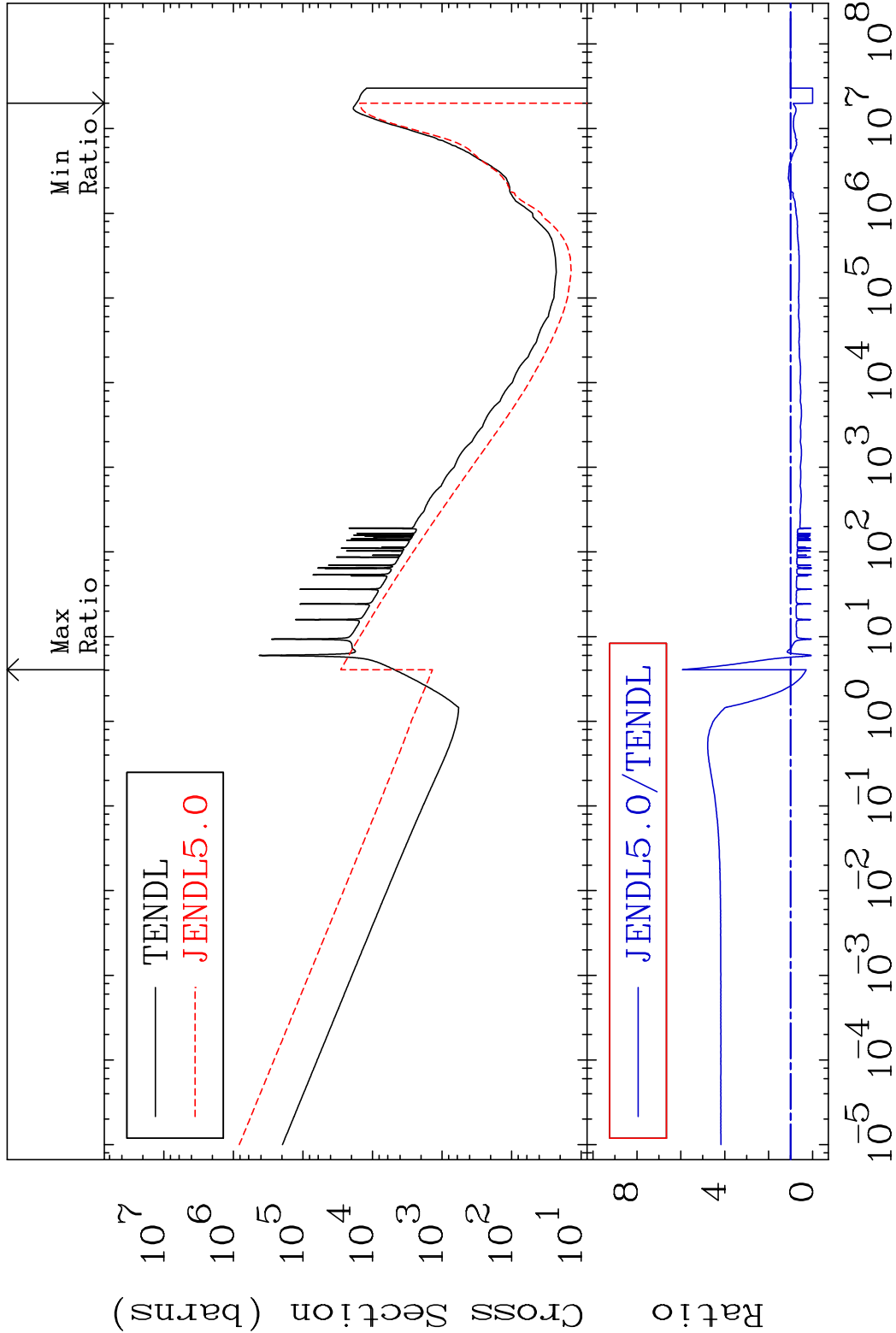
64 Incident Energy (eV) 62-Sm-145



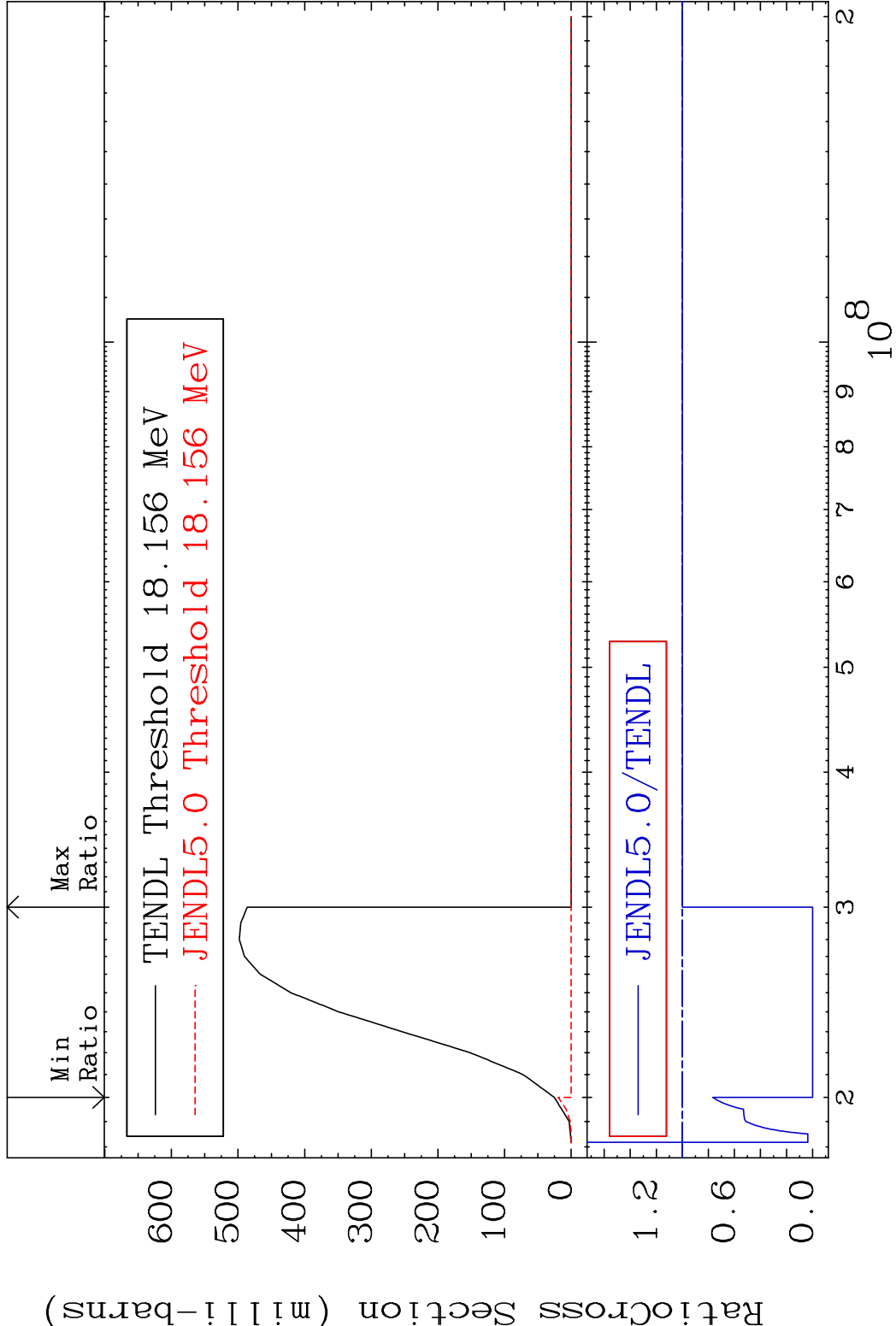


MAT 6228 Dpa disappearance (mt102 -120) 62-Sm-145

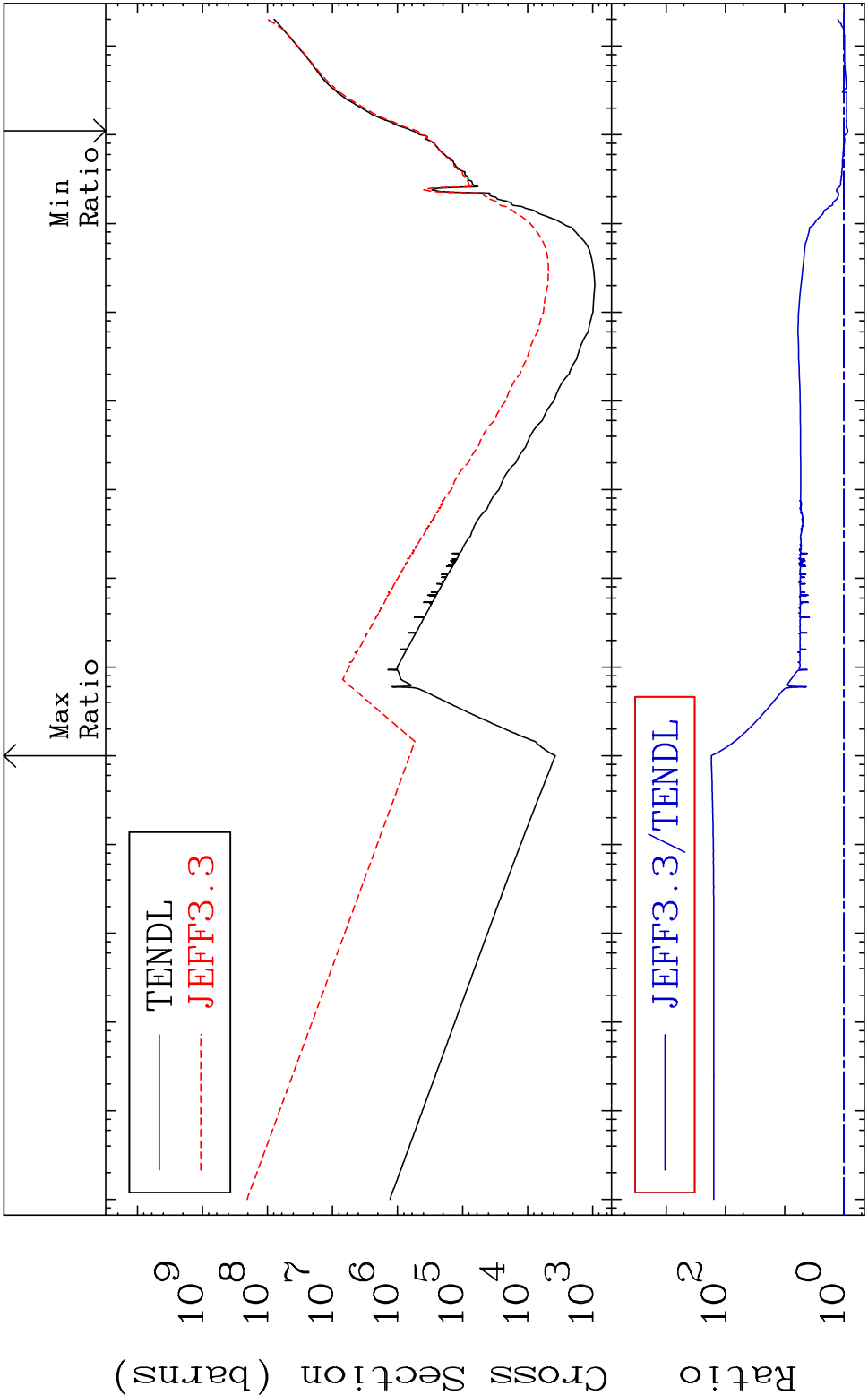
Cross Section -100.0 To 493.0 %



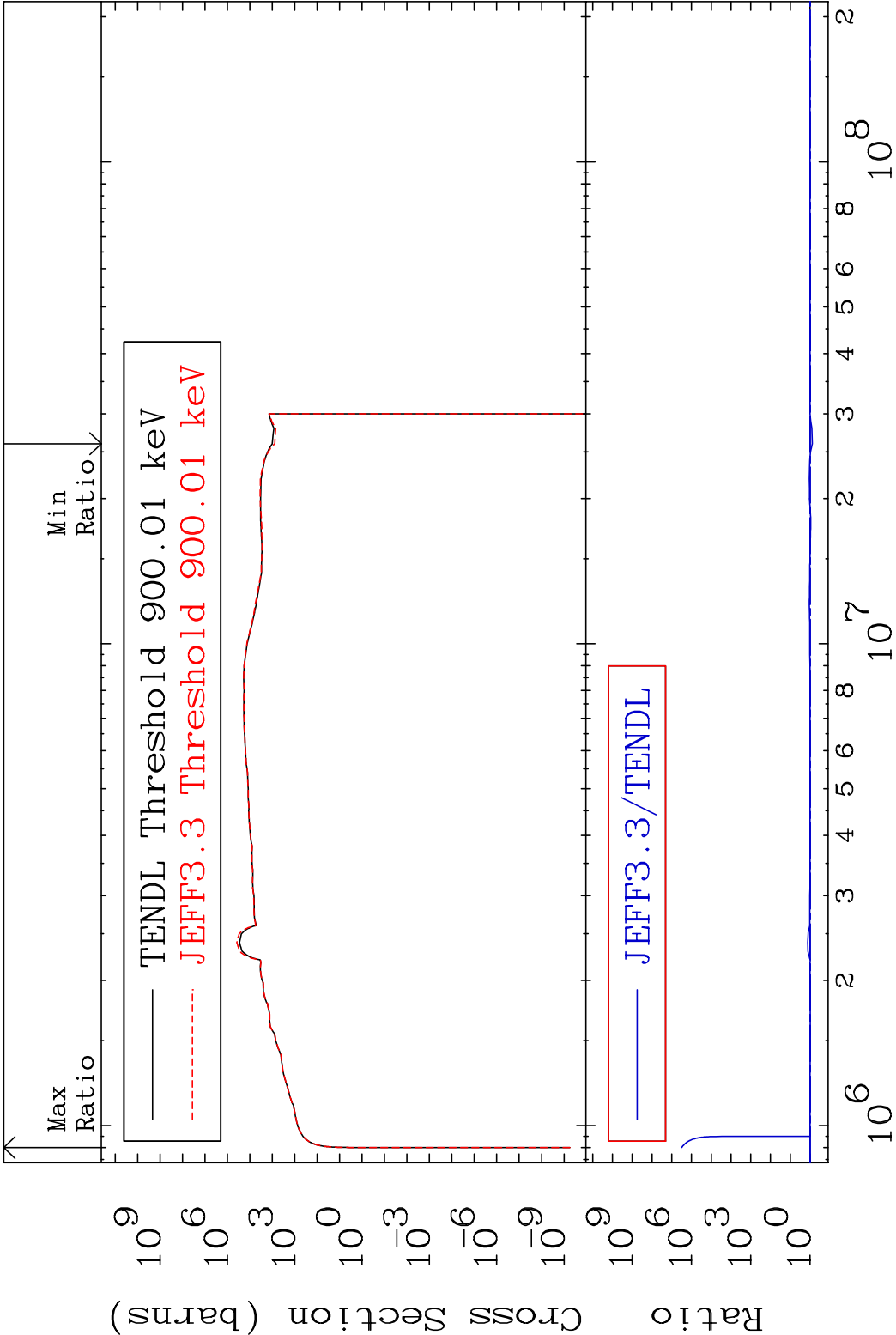
67 Incident Energy (eV) 62-Sm-145



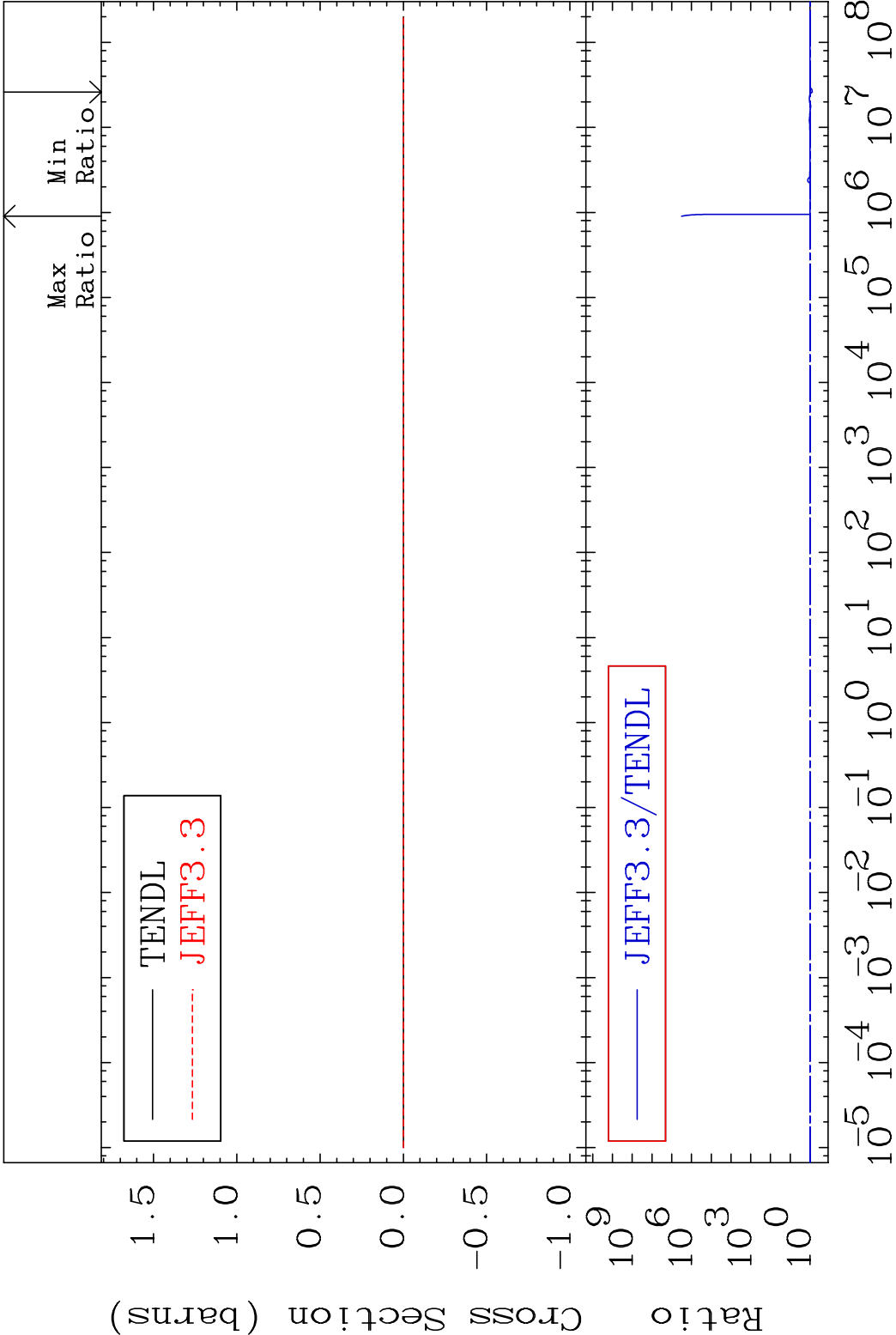
MAT 6228 Kerma non-elastic (all but mt2) 62-Sm-145
 Cross Section -13.84 To 9999. %



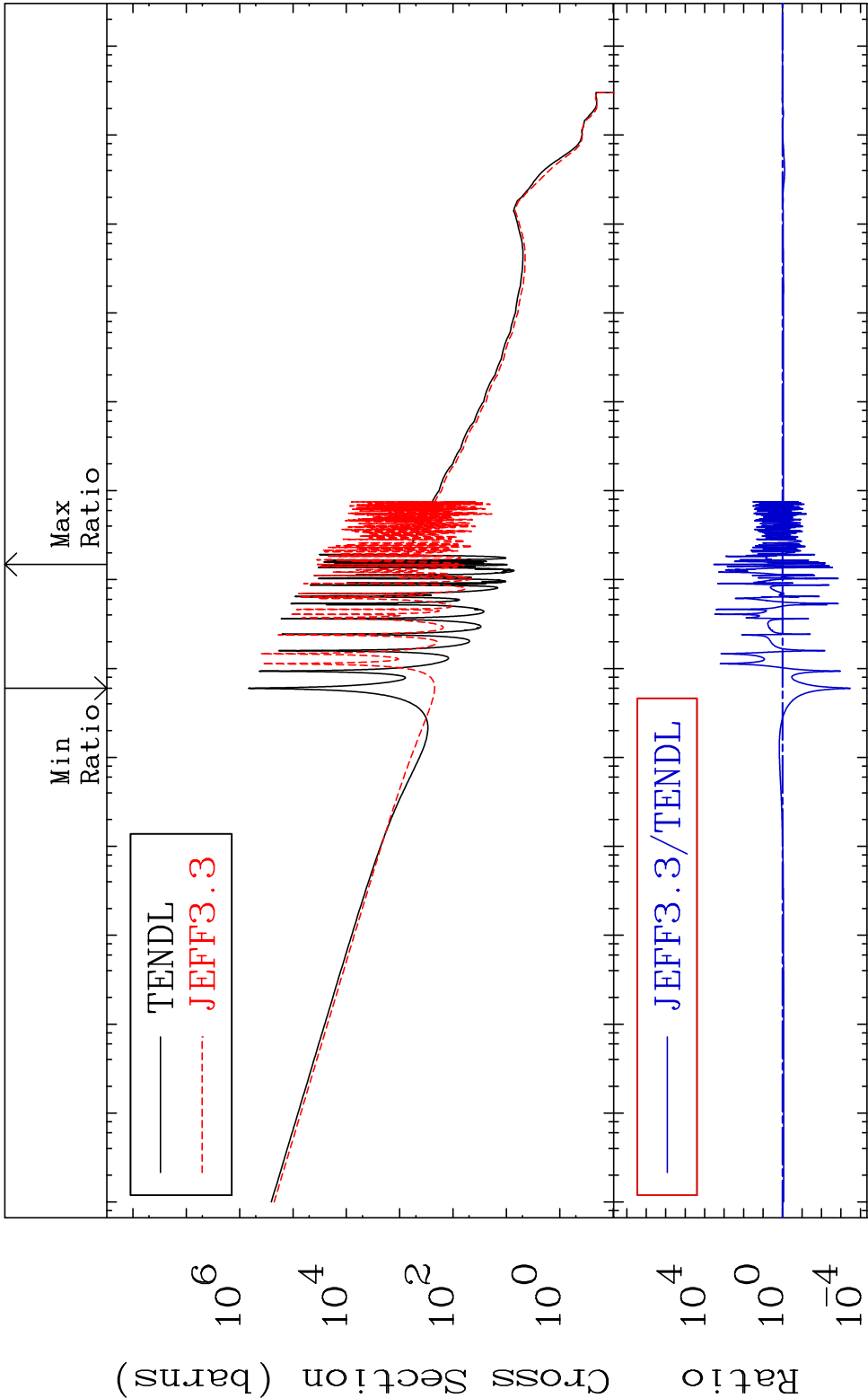
70 Incident Energy (eV) 62-Sm-145



MAT 6228 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-145
 Cross Section -22.71 To 9999. %



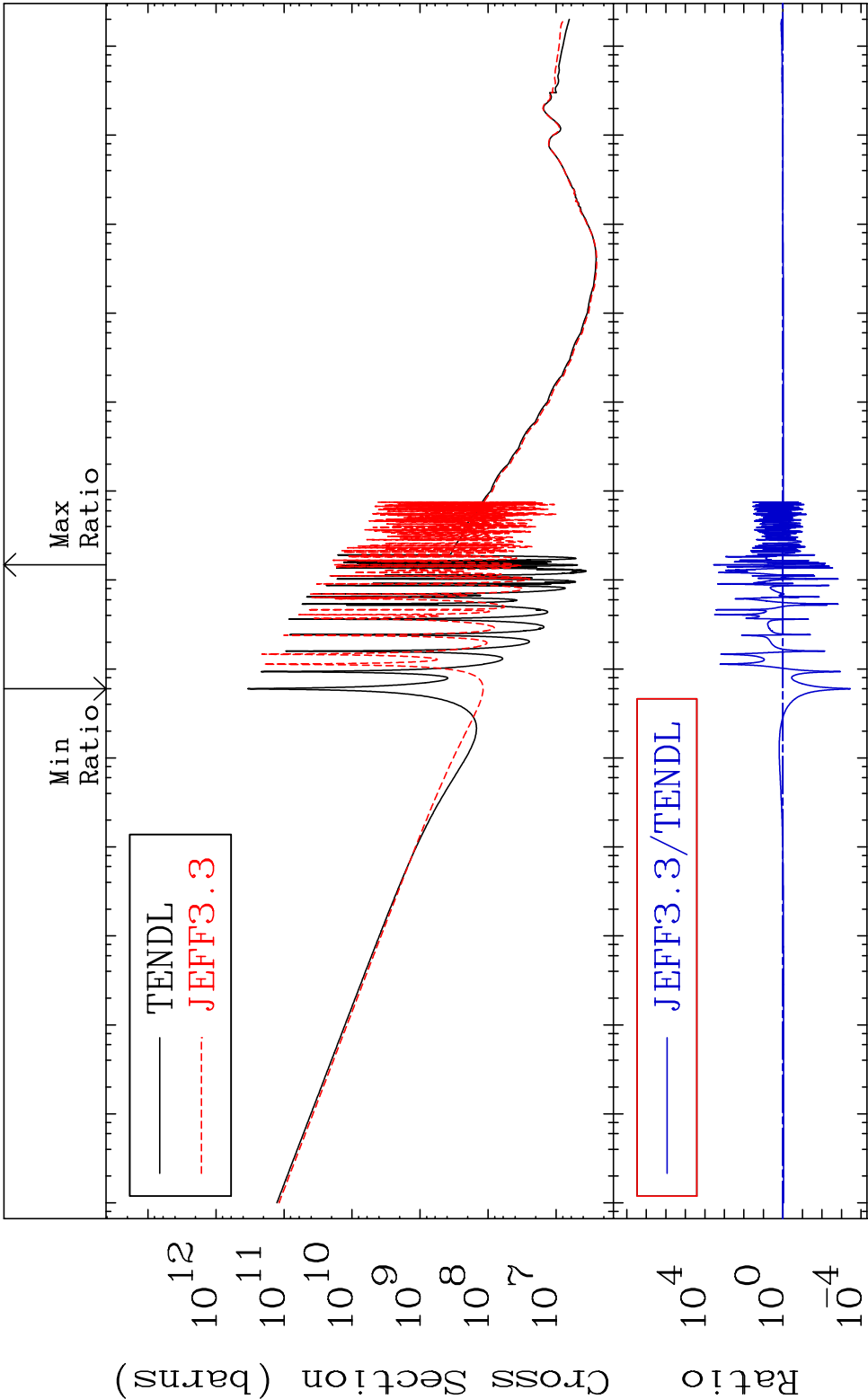
MAT 6228 Kerma capture (mt102) 62-Sm-145
Cross Section -99.97 To 9999. %



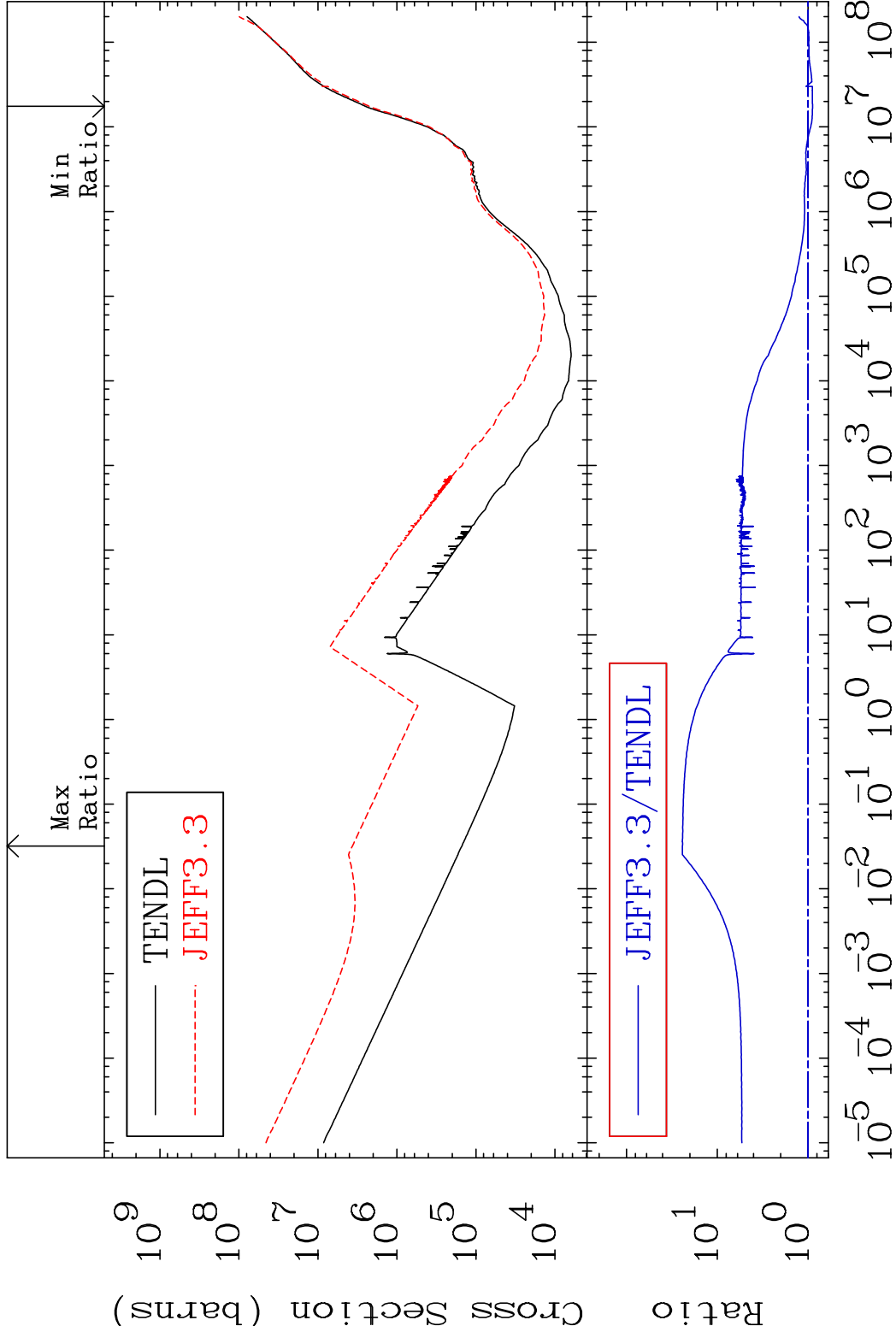
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

73 Incident Energy (eV) 62-Sm-145

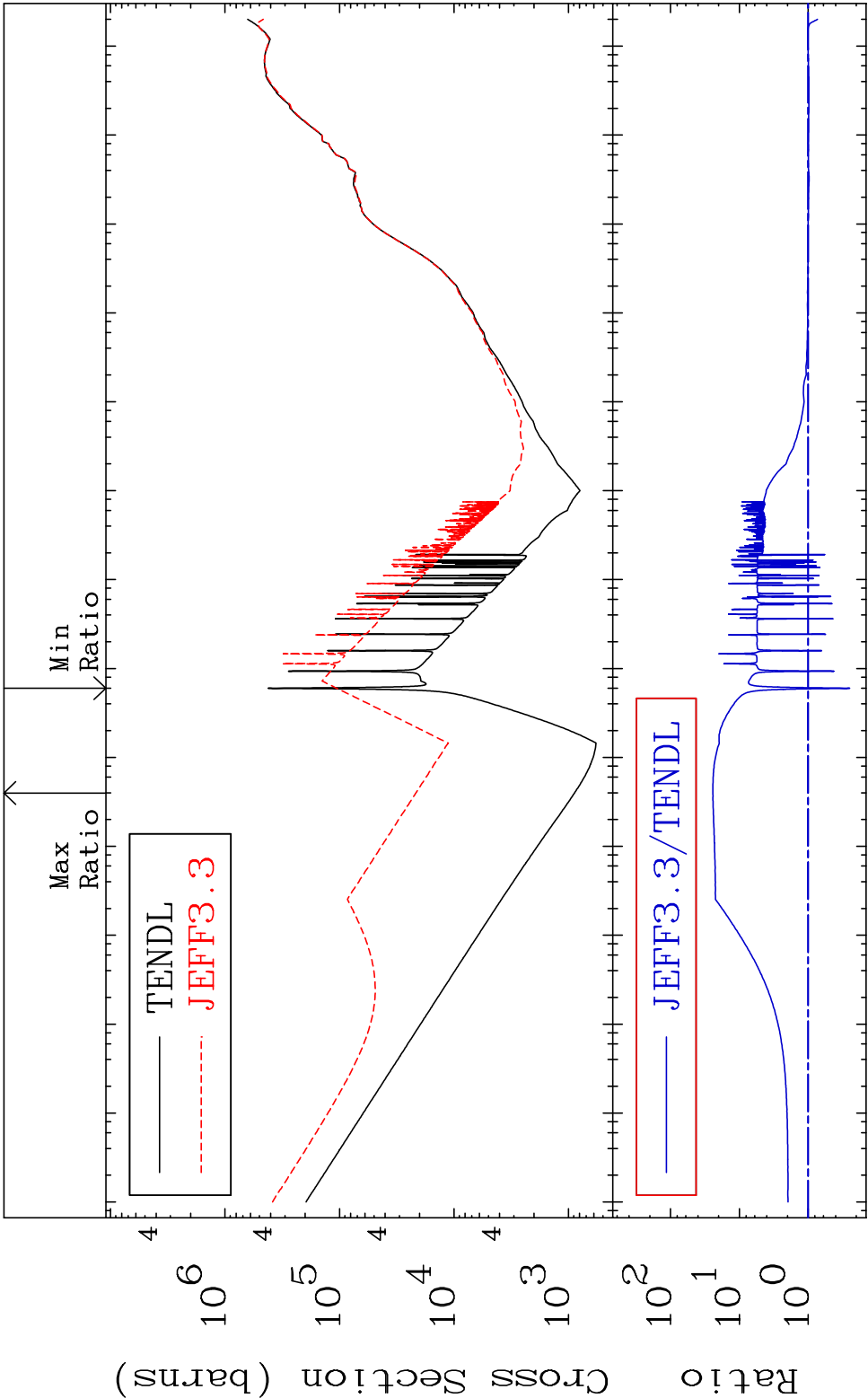
MAT 6228 Total photon (eV-barns) 62-Sm-145
 Cross Section -99.97 To 9999. %



MAT 6228 Total kinematic kerma (high limit) 62-Sm-145
Cross Section -10.62 To 2327. %



MAT 6228 Dpa total (eV-barns) 62-Sm-145
 Cross Section -74.86 To 2334. %

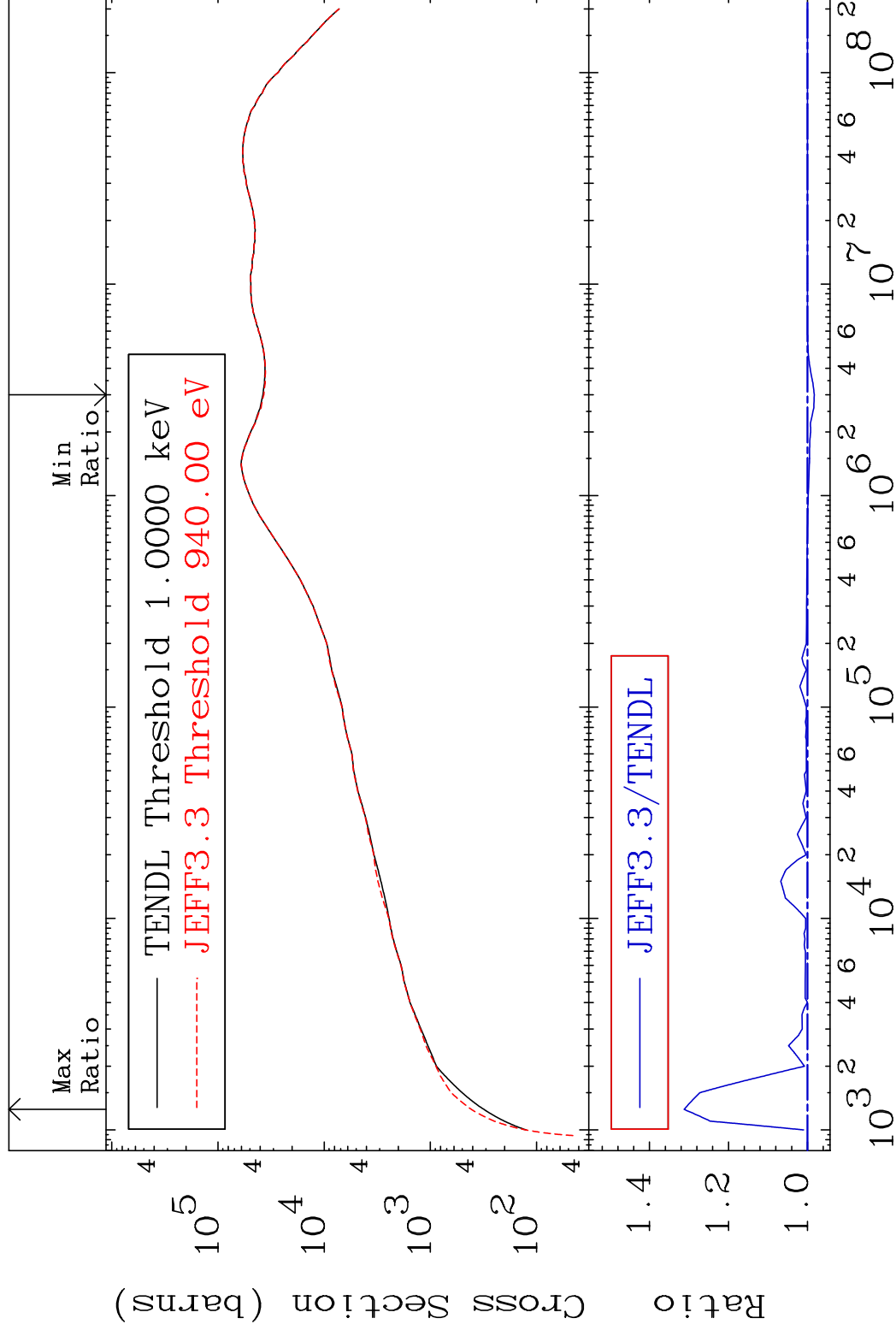


MAT 6228

Dpa elastic (mt2)

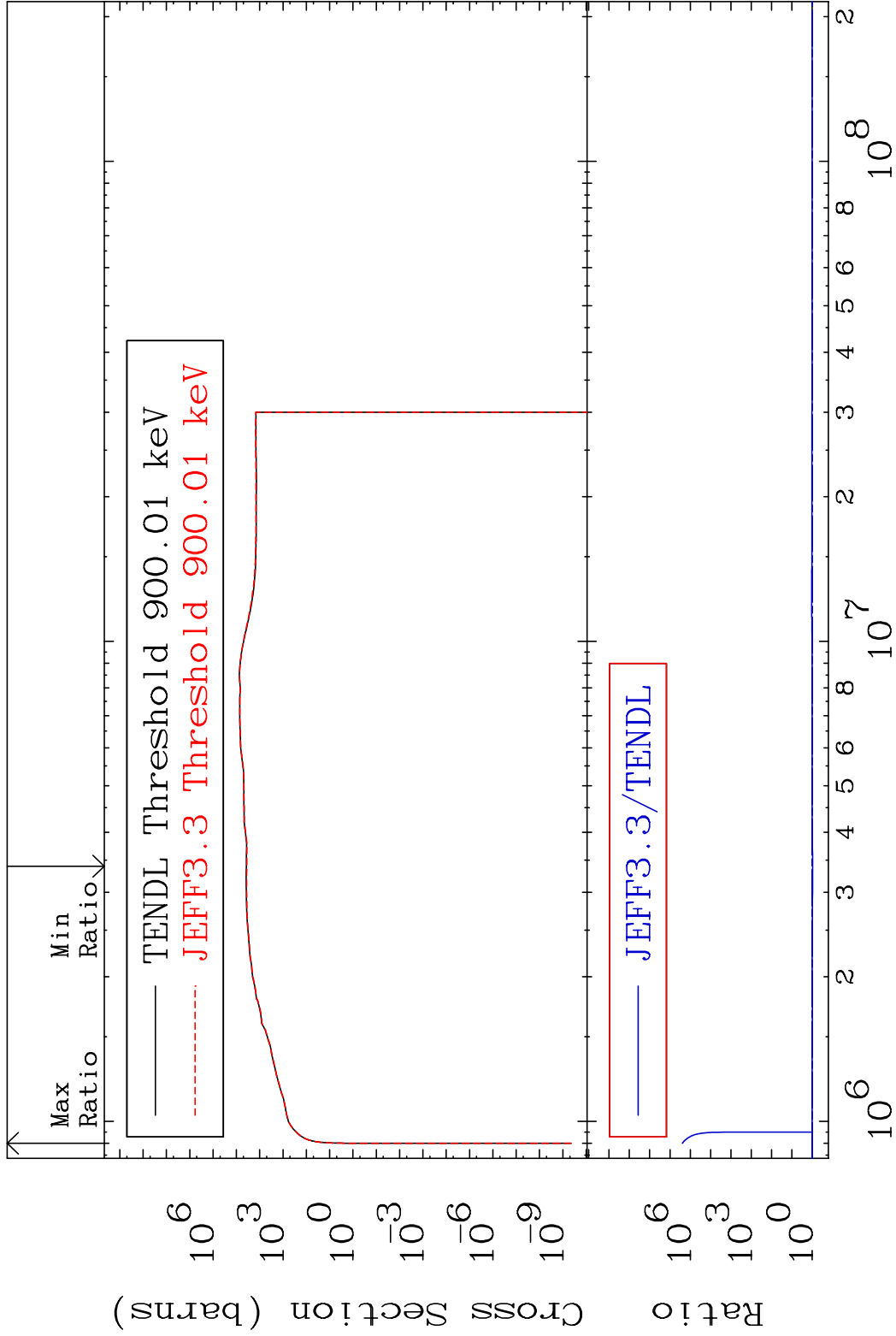
62-Sm-145

Cross Section -1.731 To 31.25%


$$\mathbb{Z}$$

Incident Energy (eV)

62-Sm-145



MAT 6228 Dpa disappearance (mt102 -120) 62-Sm-145
 Cross Section -74.86 To 2334. %

