

Program Complot
(Version 2021-1)

by

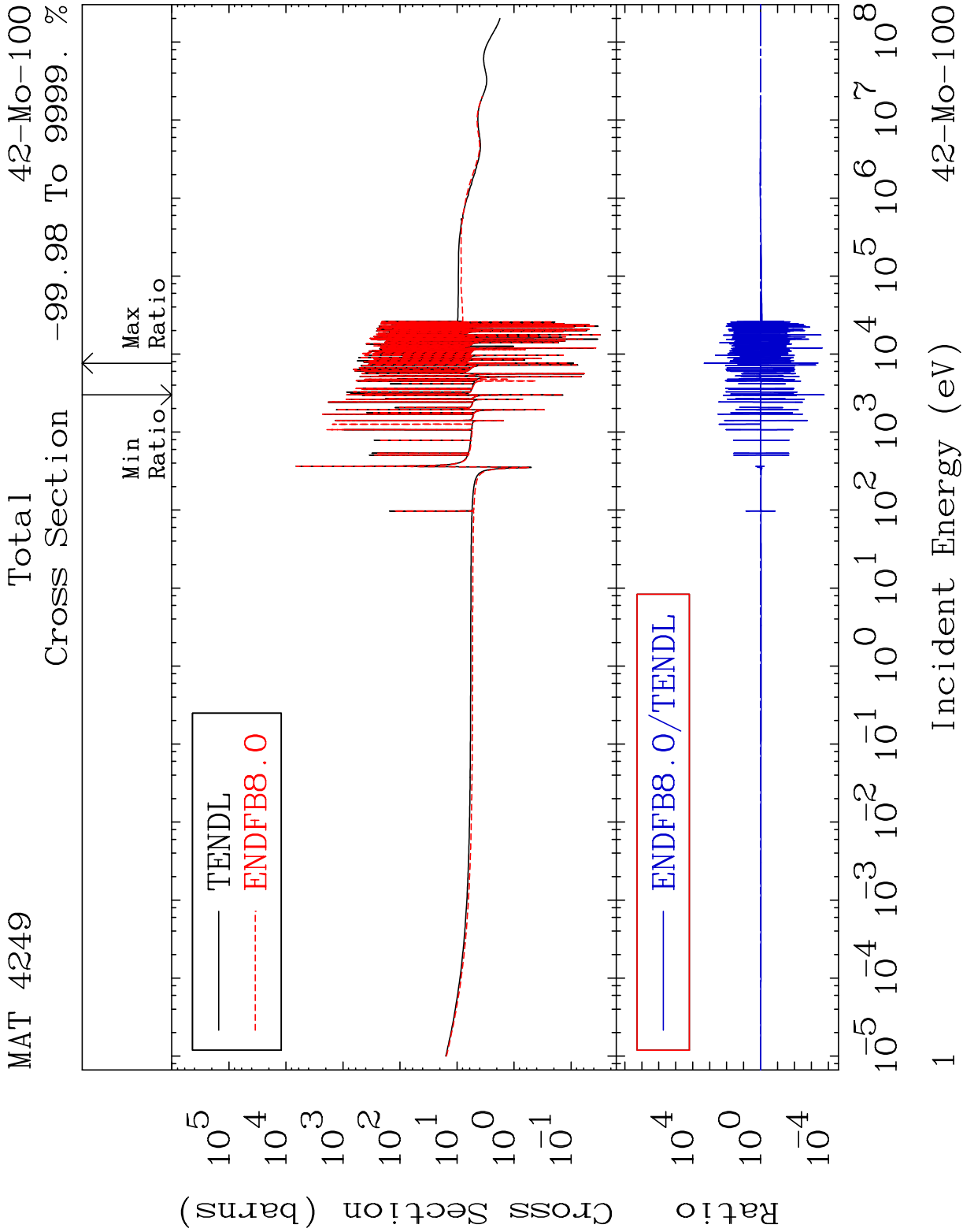
Dermott E. Cullen
(Present Contact Information)

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

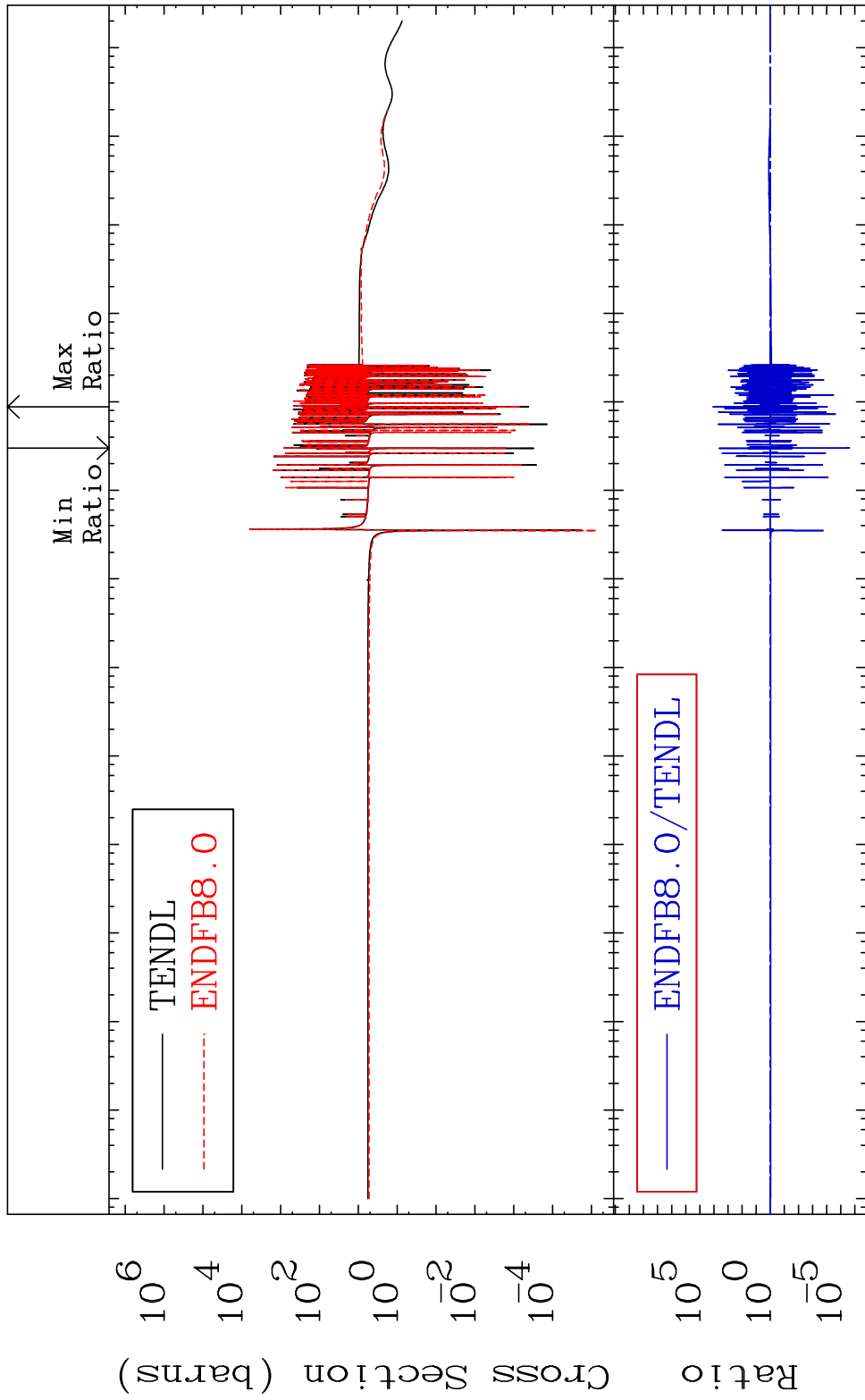


MAT 4249

Elastic

42-Mo-100

Cross Section -100.0 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

2

Incident Energy (eV)

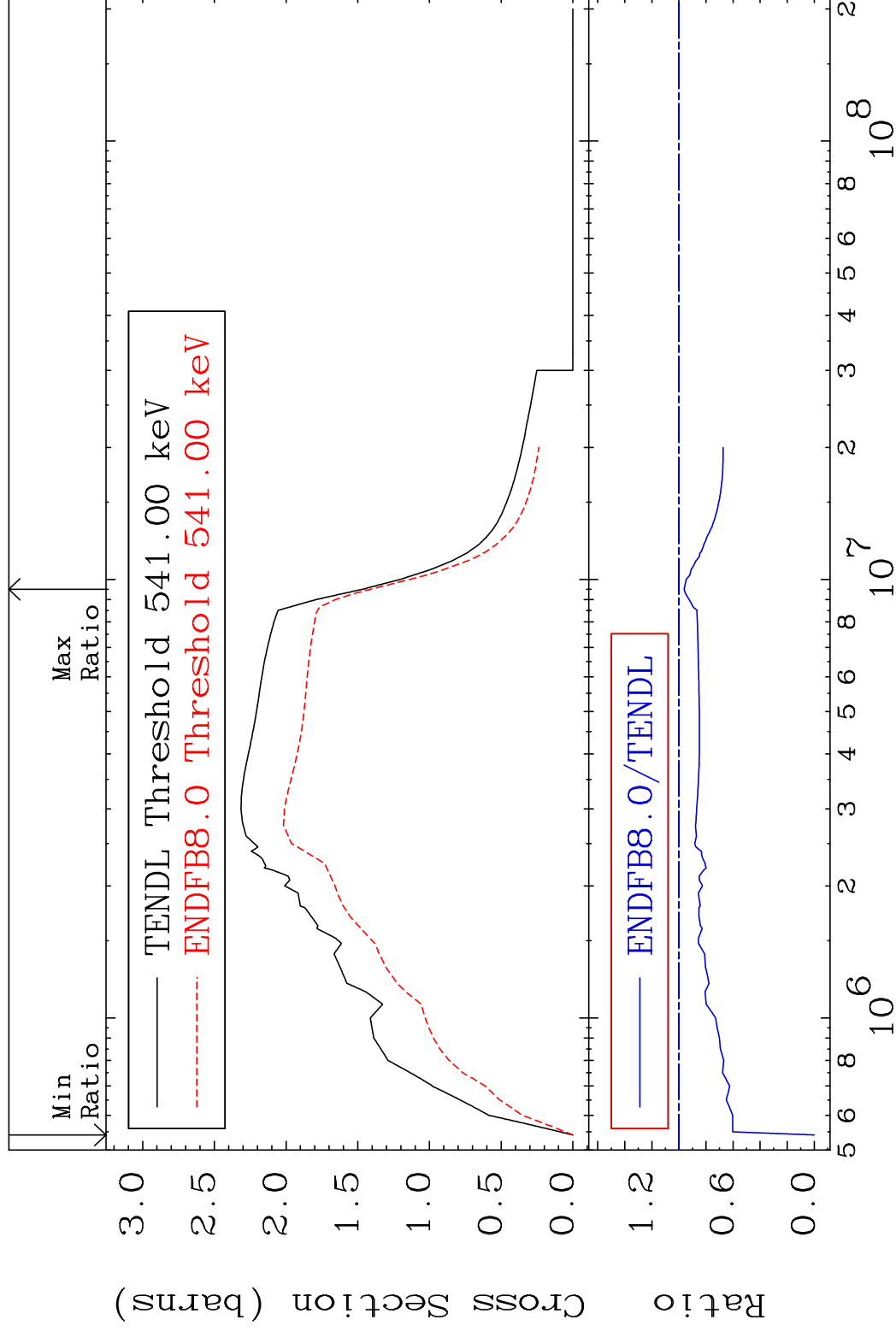
42-Mo-100

MAT 4249

Inelastic

42-Mo-100

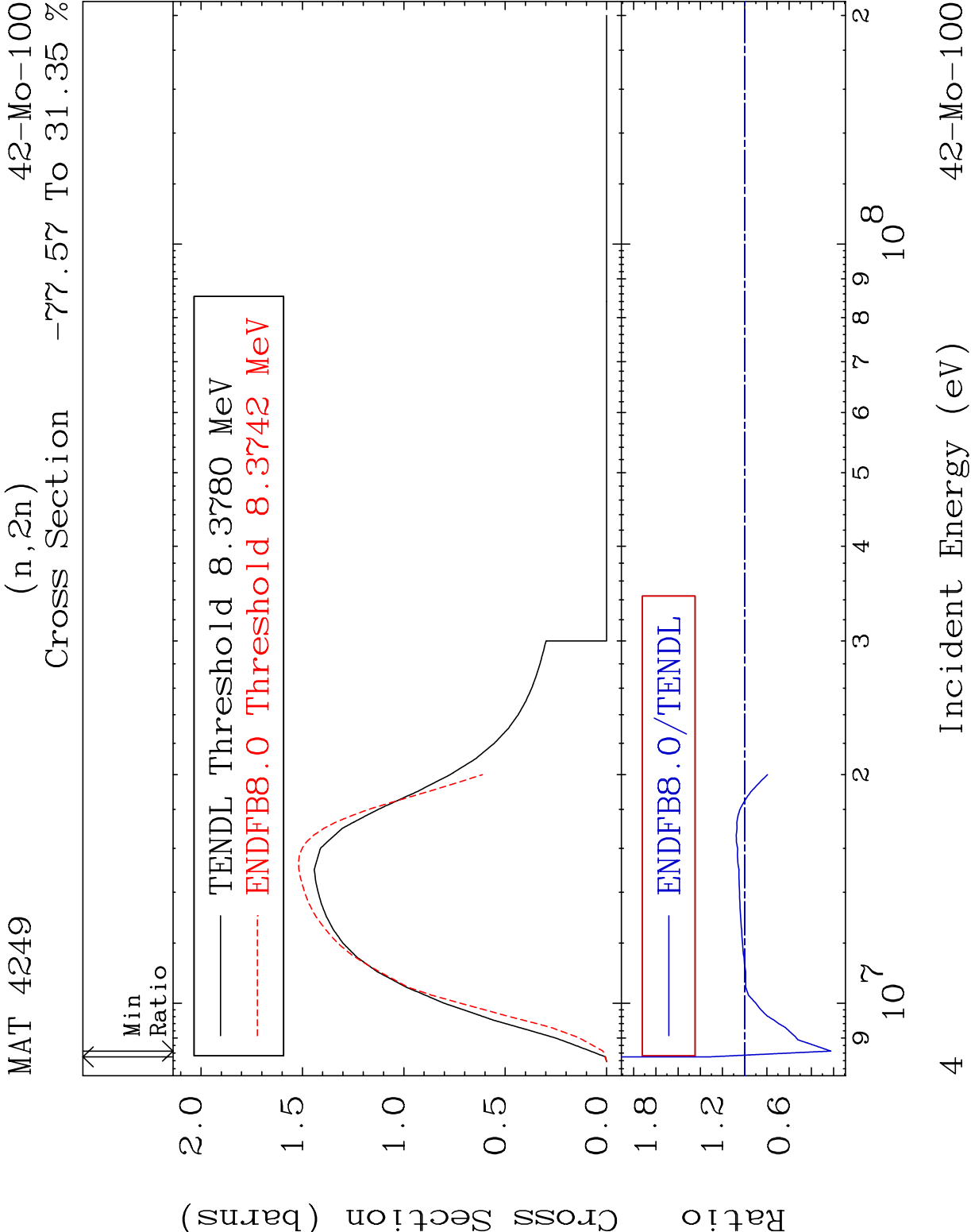
Cross Section -100.0 To -3.781%

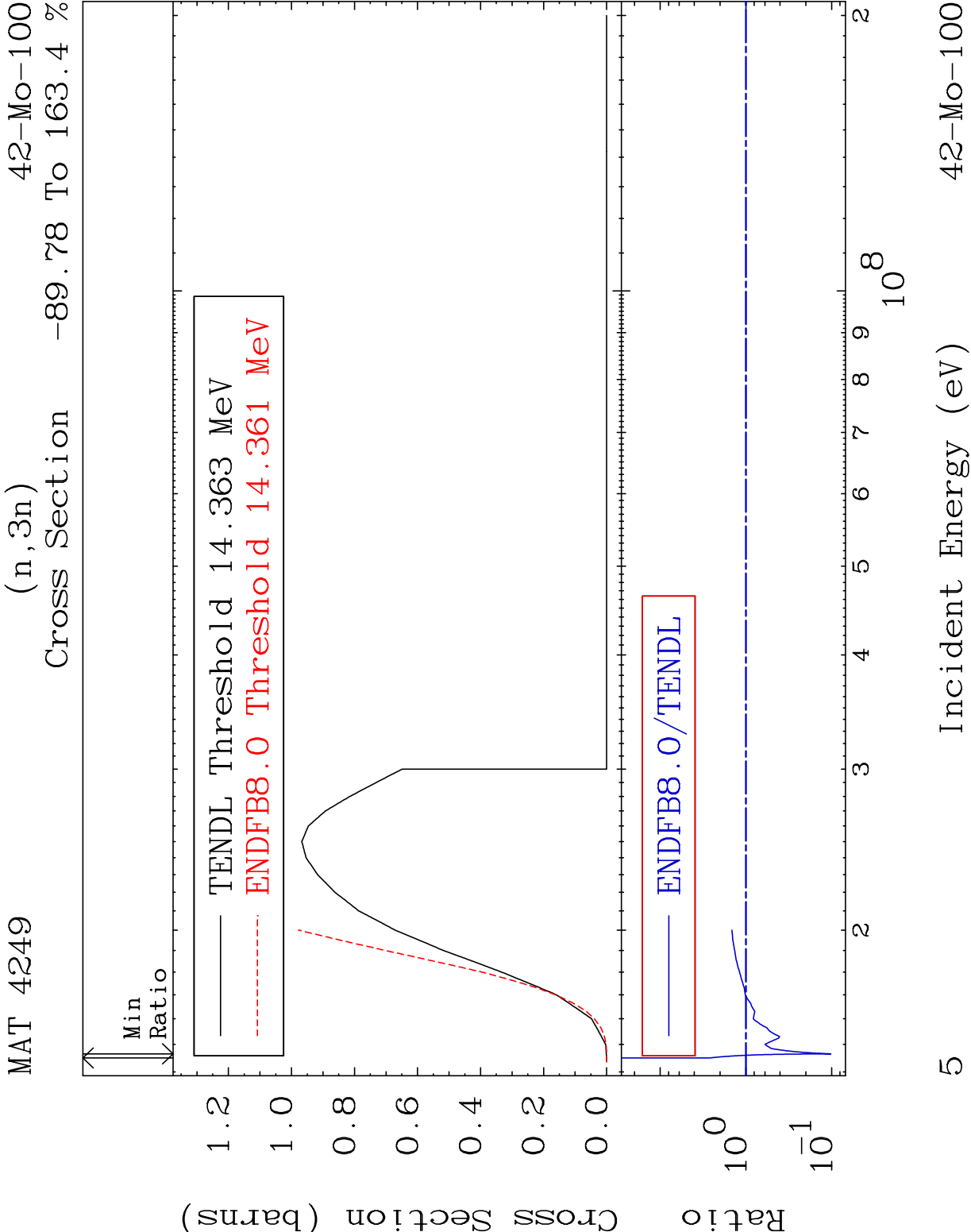


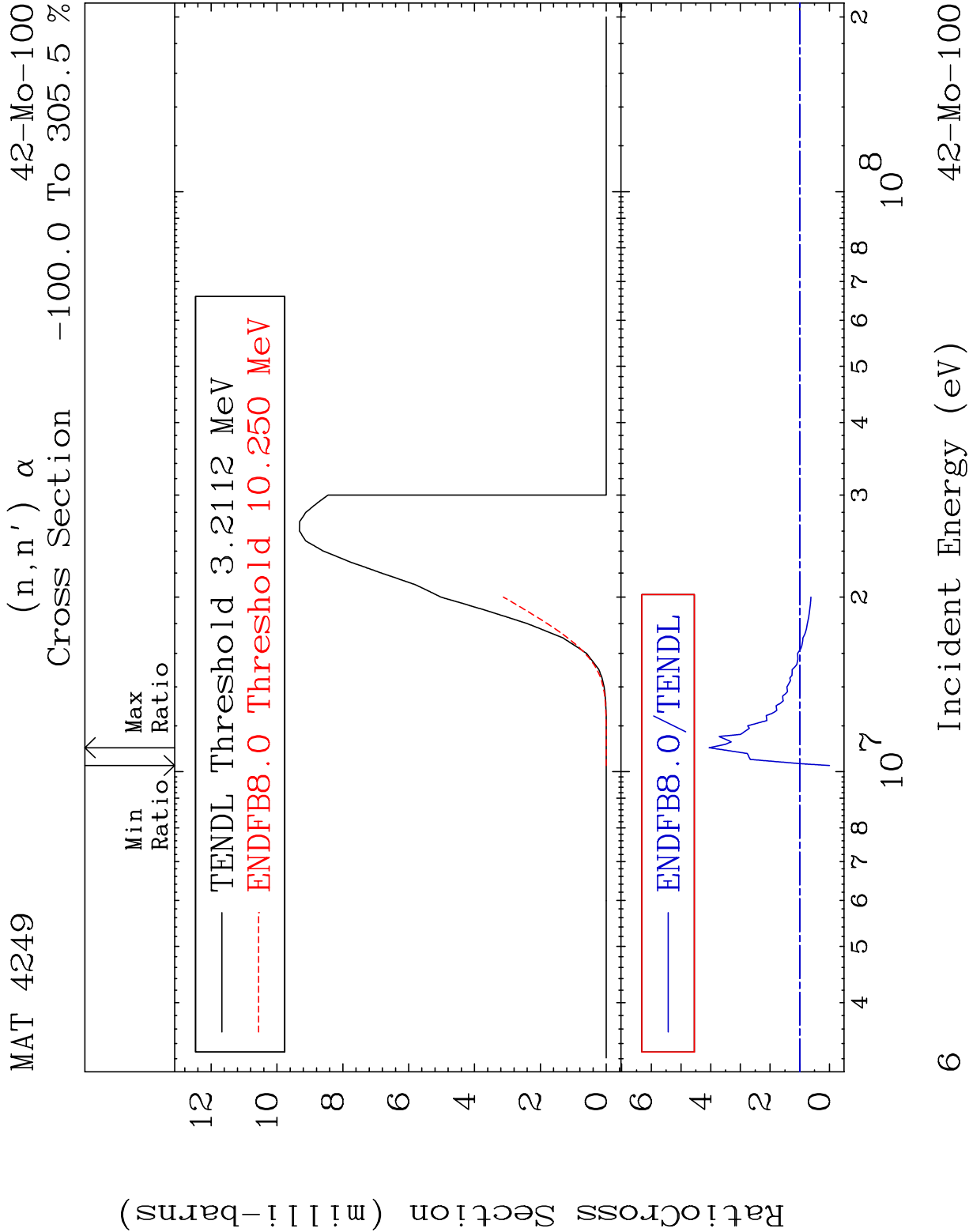
3

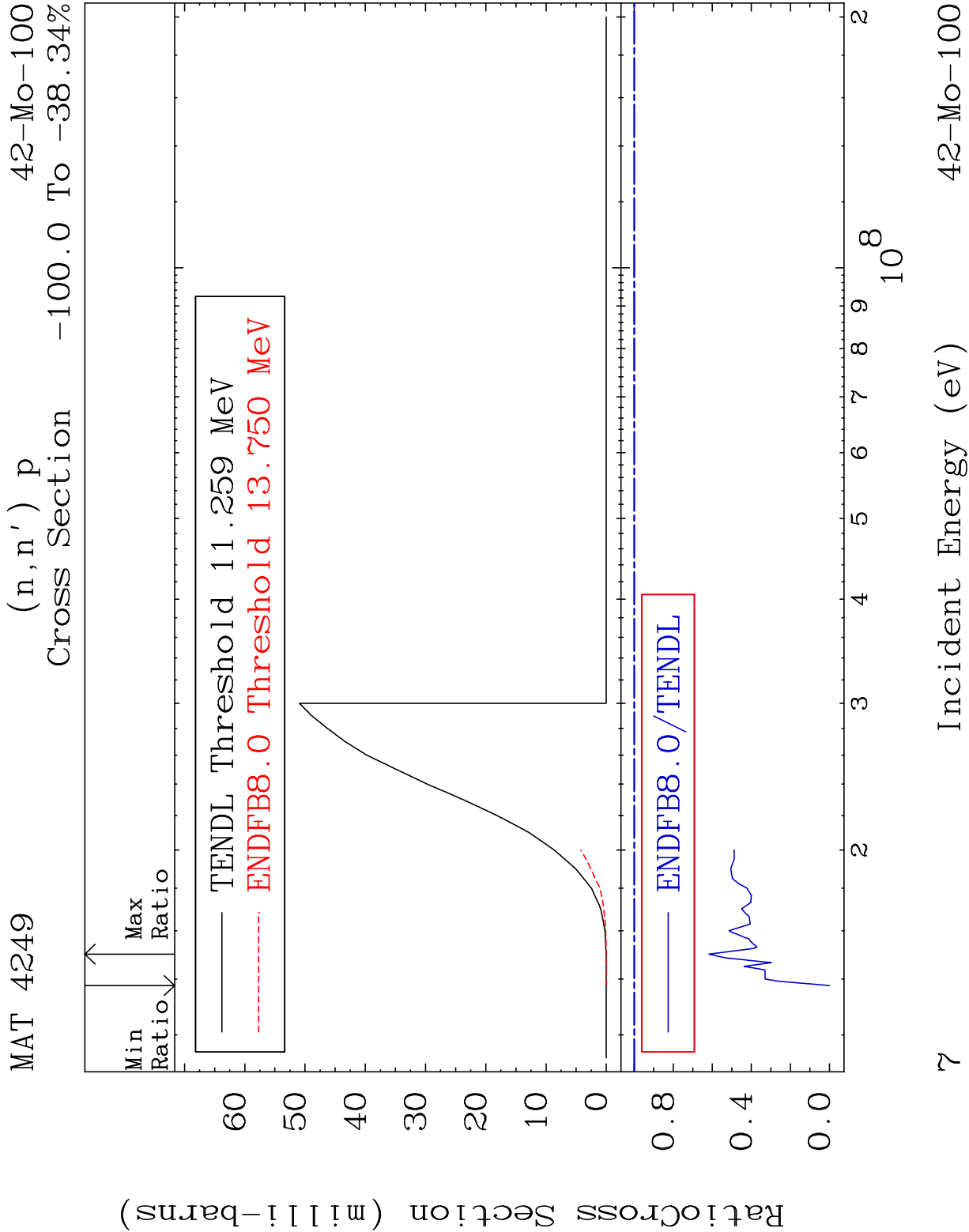
Incident Energy (eV)

42-Mo-100

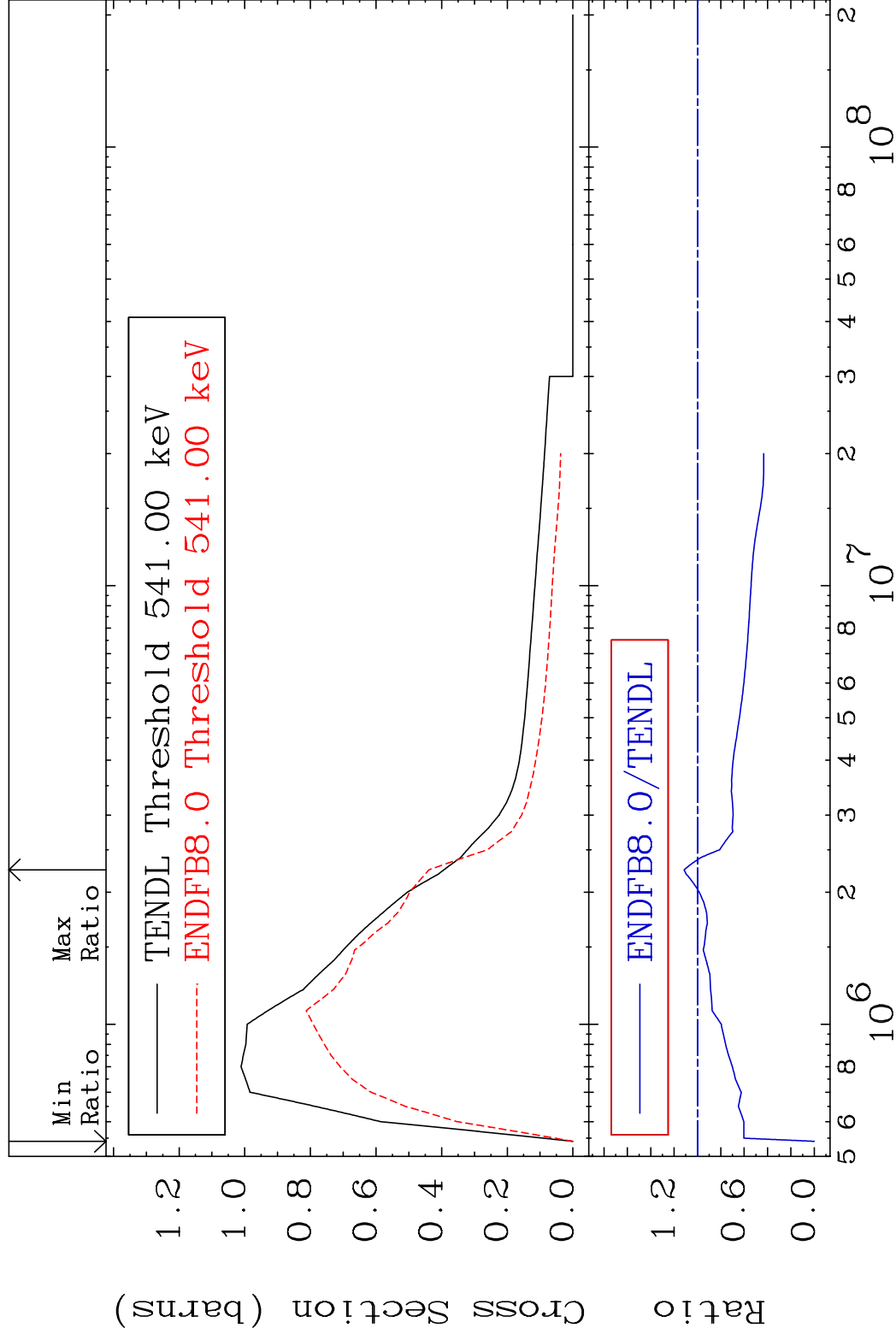








MAT 4249	MT= 51 (n,n') Level	42-Mo-100
	Cross Section	-100.0 To 11.48 %

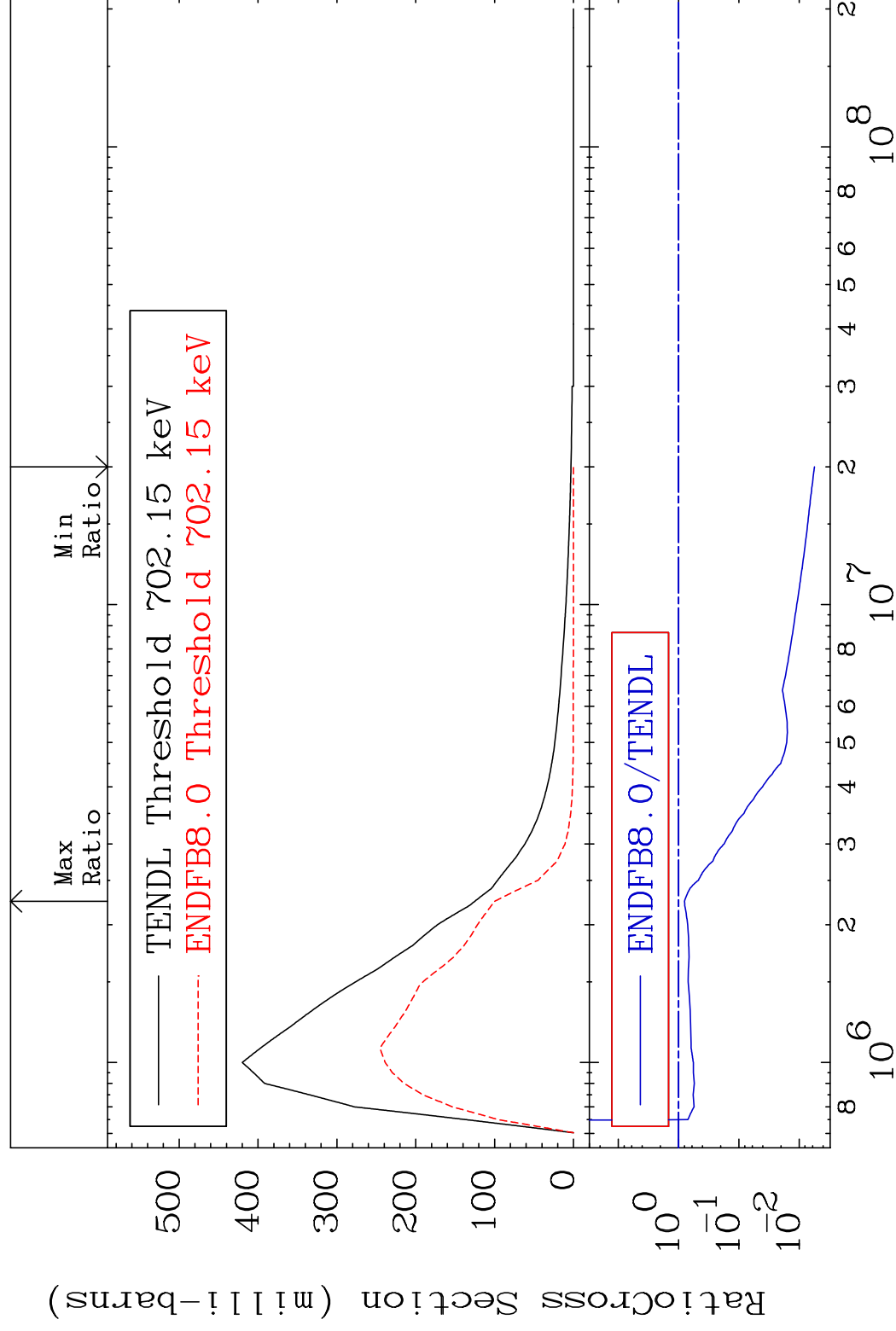


MAT 4249

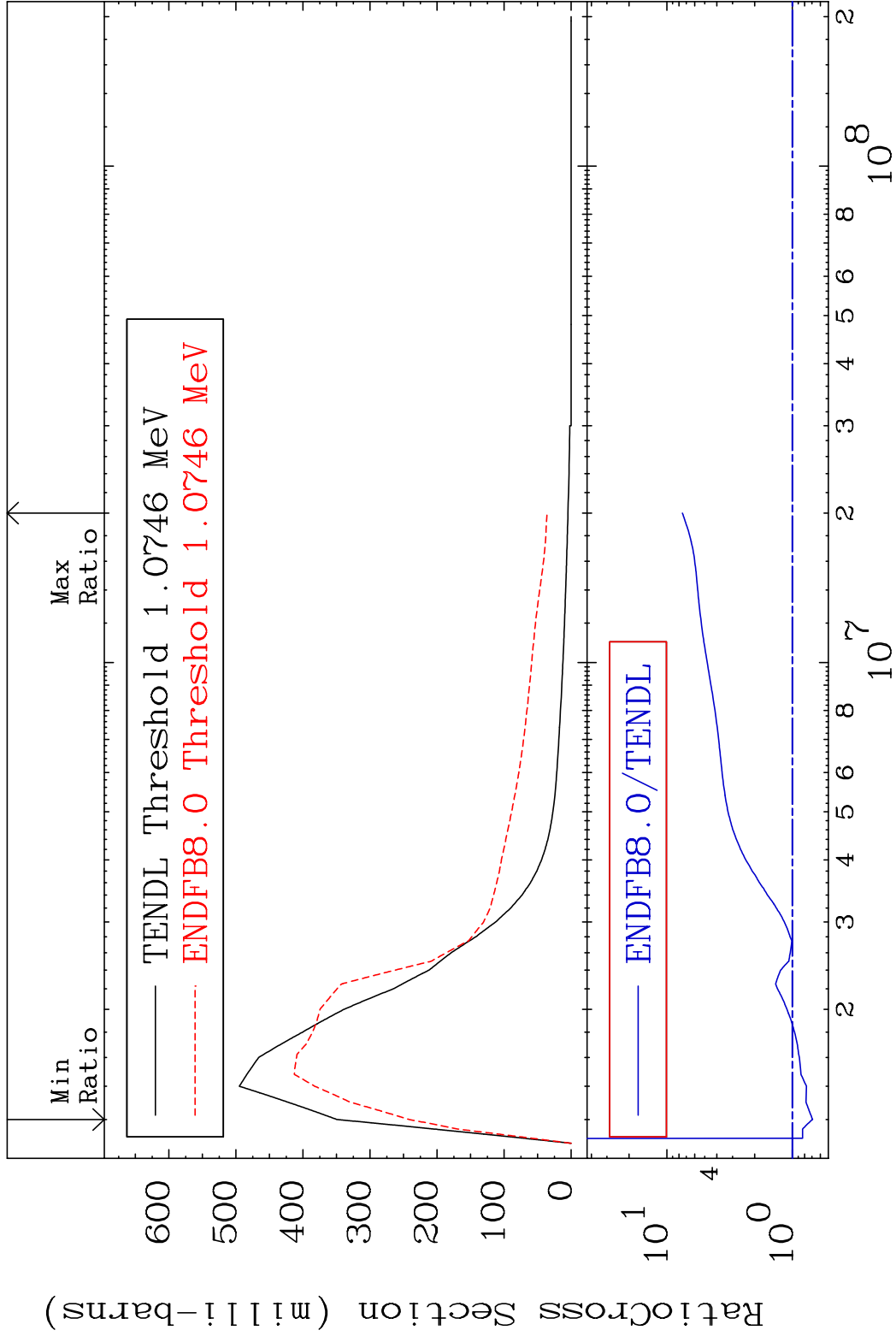
MT= 52 (n, n') Level

42-Mo-100

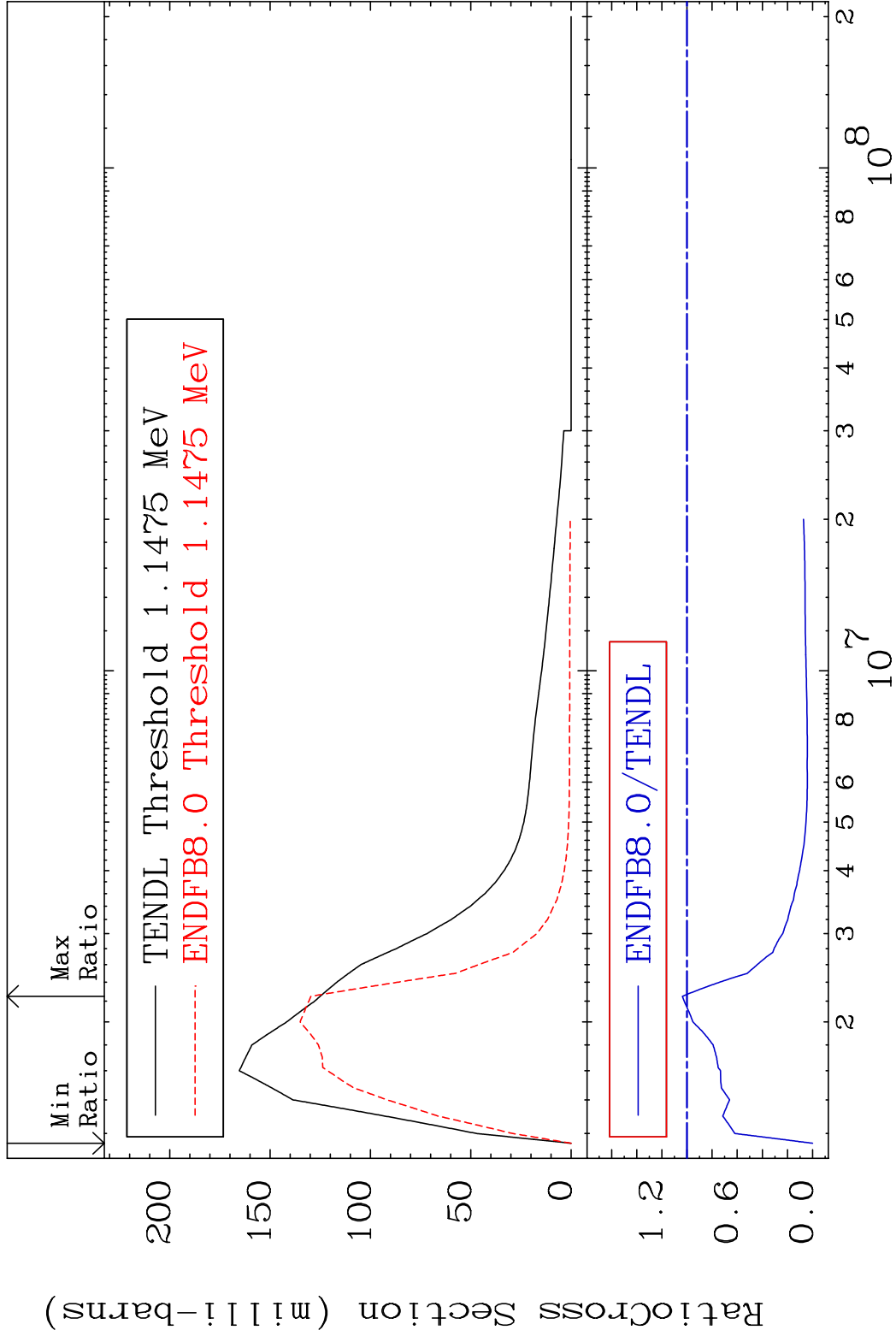
Cross Section -99.44 To -20.18%



MAT 4249 MT= 53 (n,n') Level 42-Mo-100
Cross Section -30.88 To 652.8 %



MAT 4249 MT= 54 (n,n') Level 42-Mo-100
 Cross Section -100.0 To 3.689 %

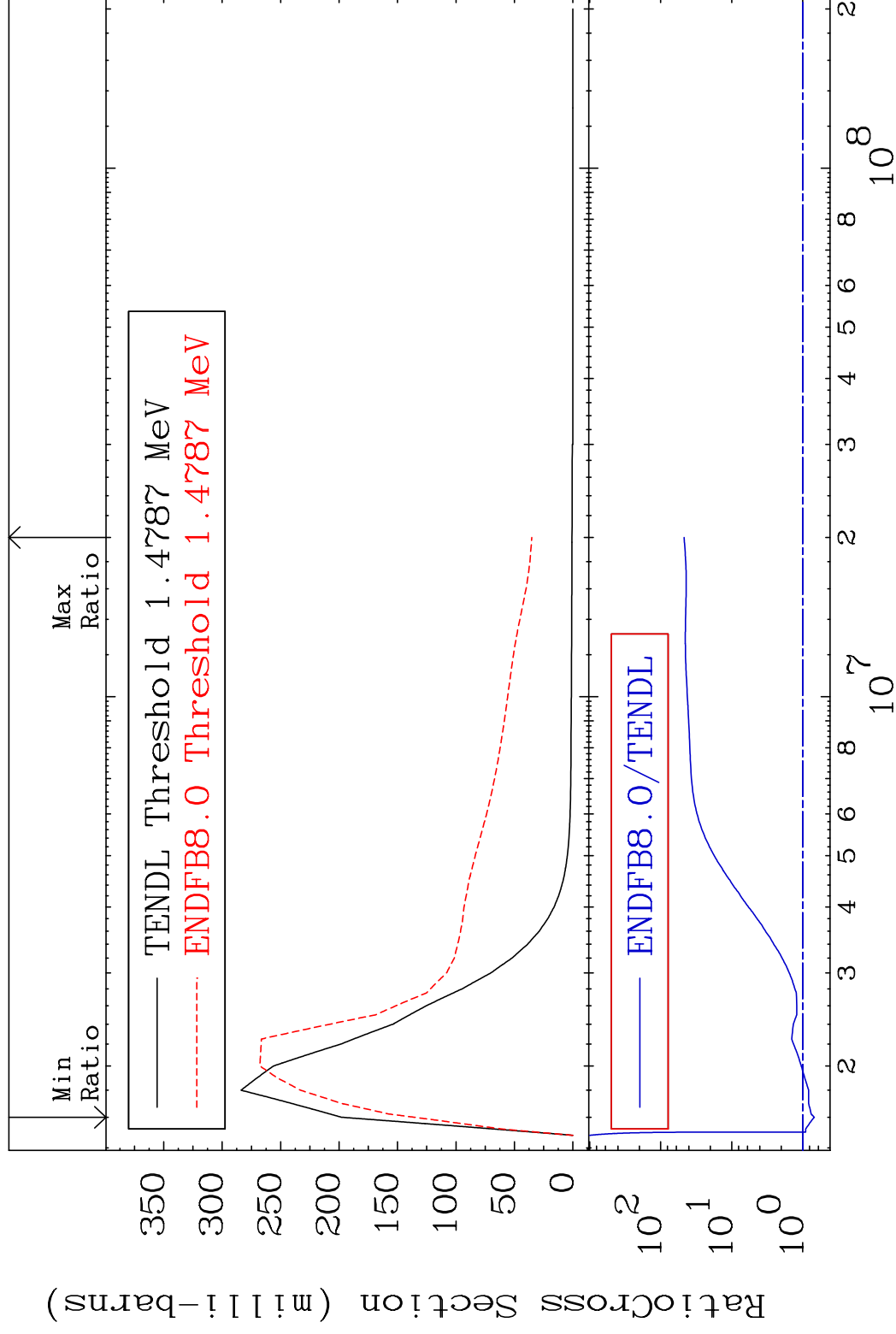


MAT 4249

MT= 55 (n, n') Level

42-Mo-100

Cross Section	-31.40 To 4583. %



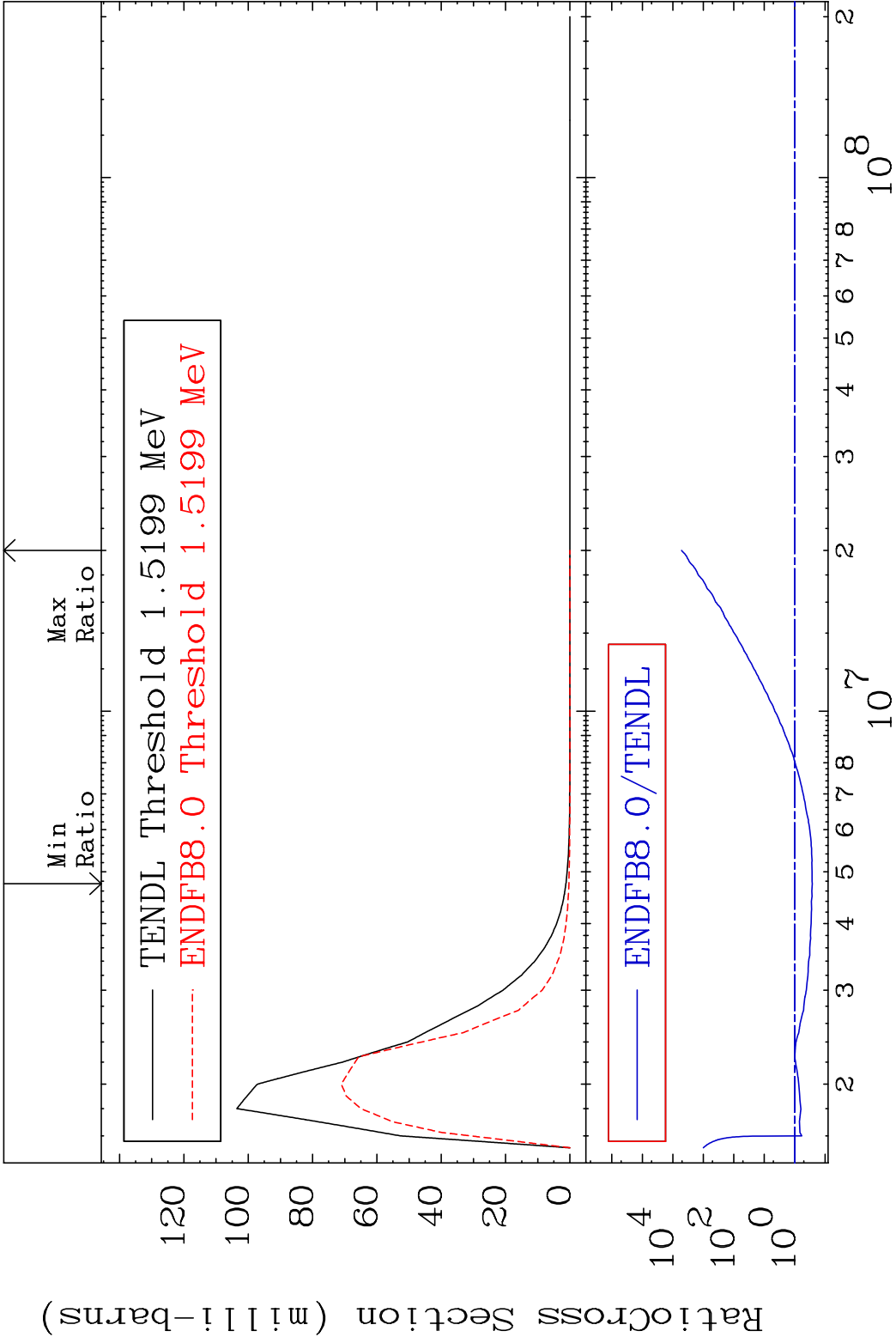
MAT 4249

MT= 56 (n,n') Level

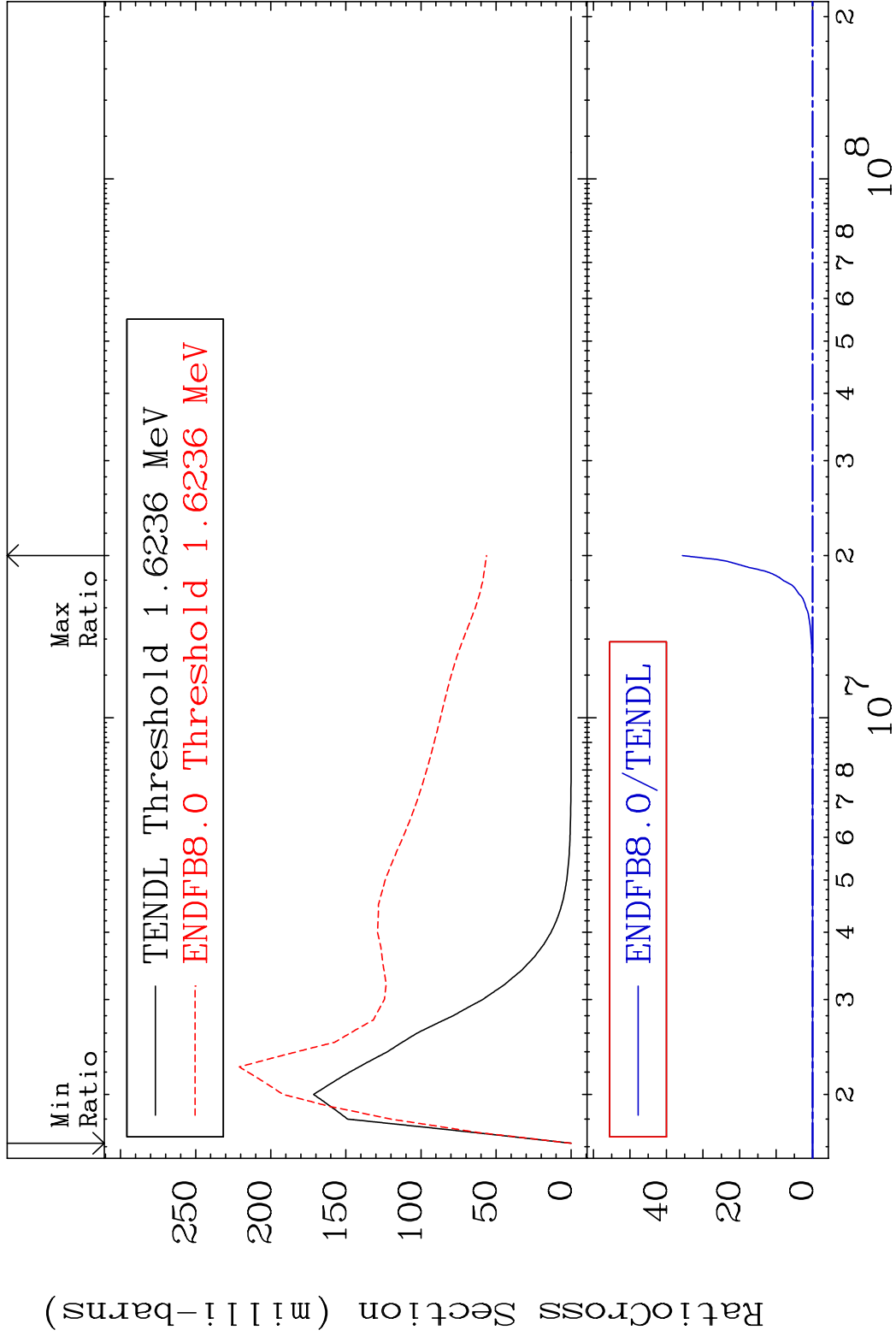
42-Mo-100

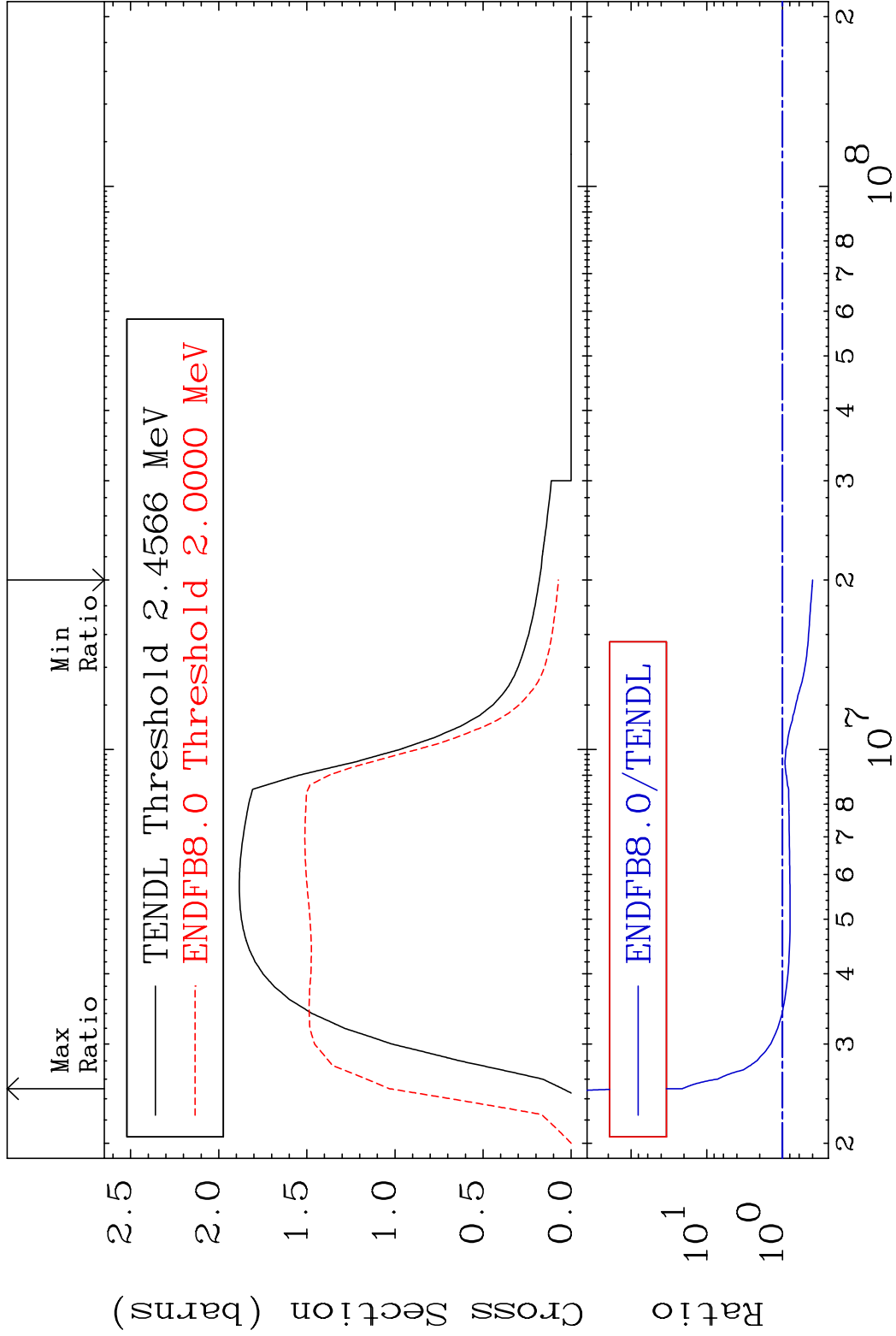
Cross Section

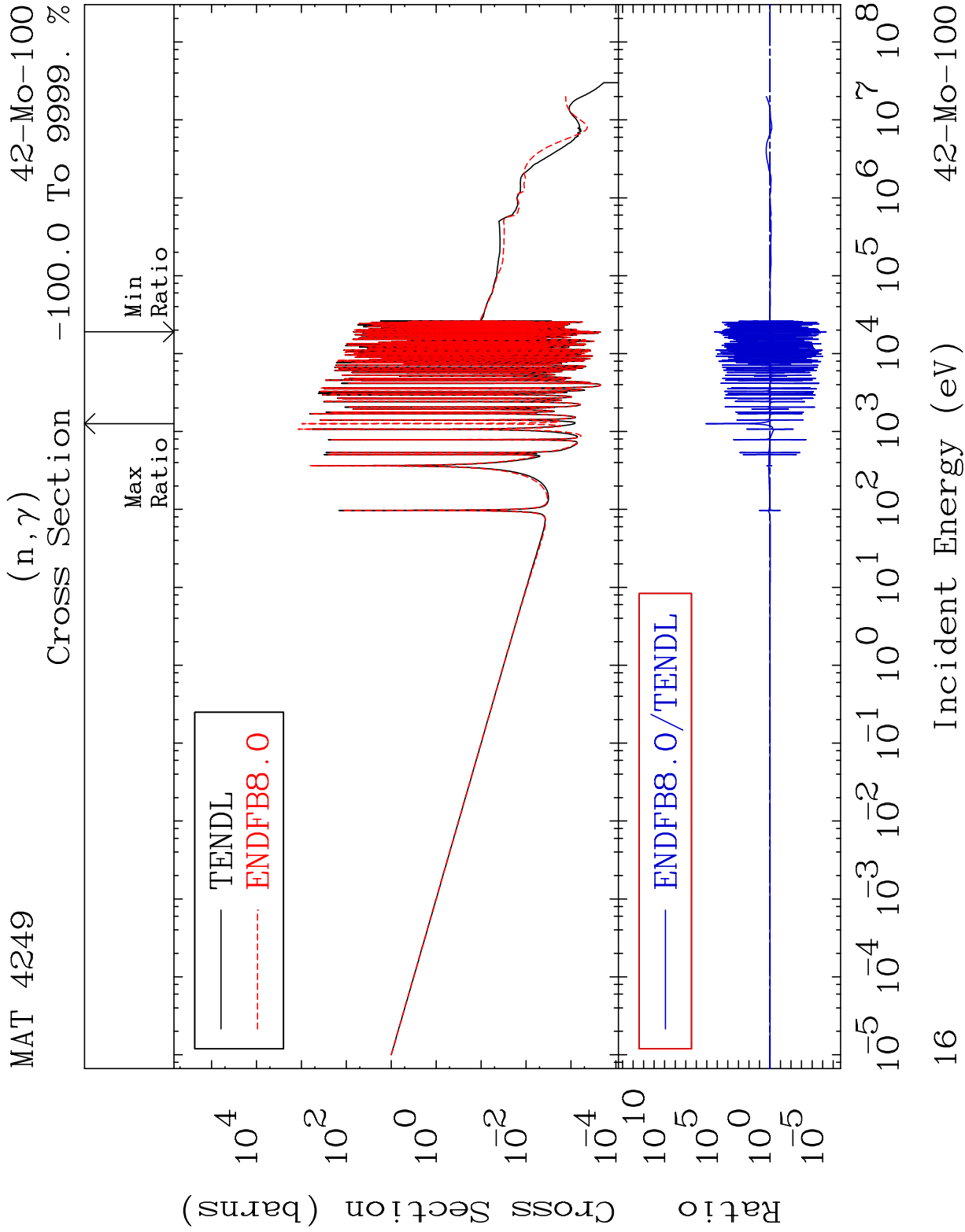
-73.38 To 9999. %

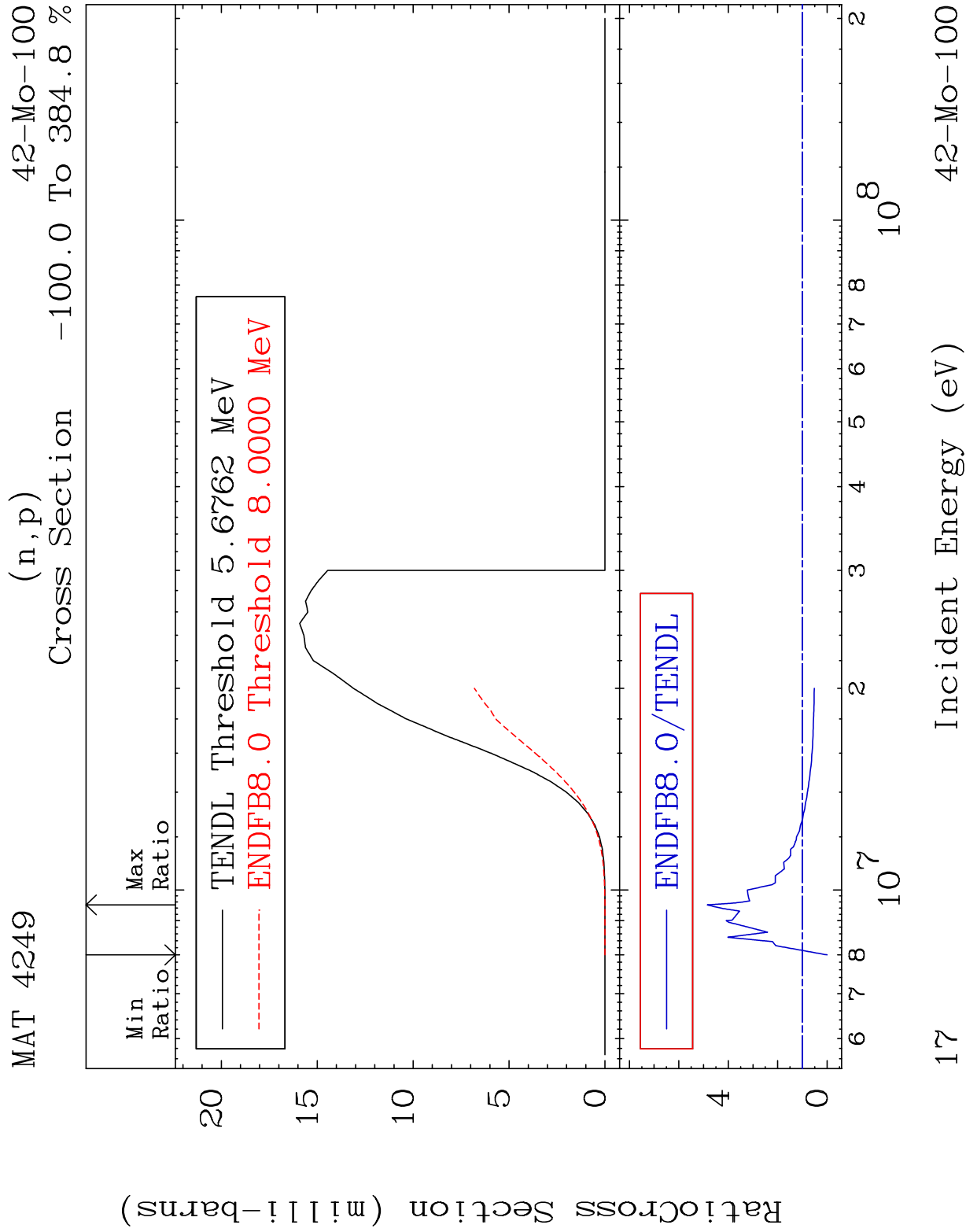


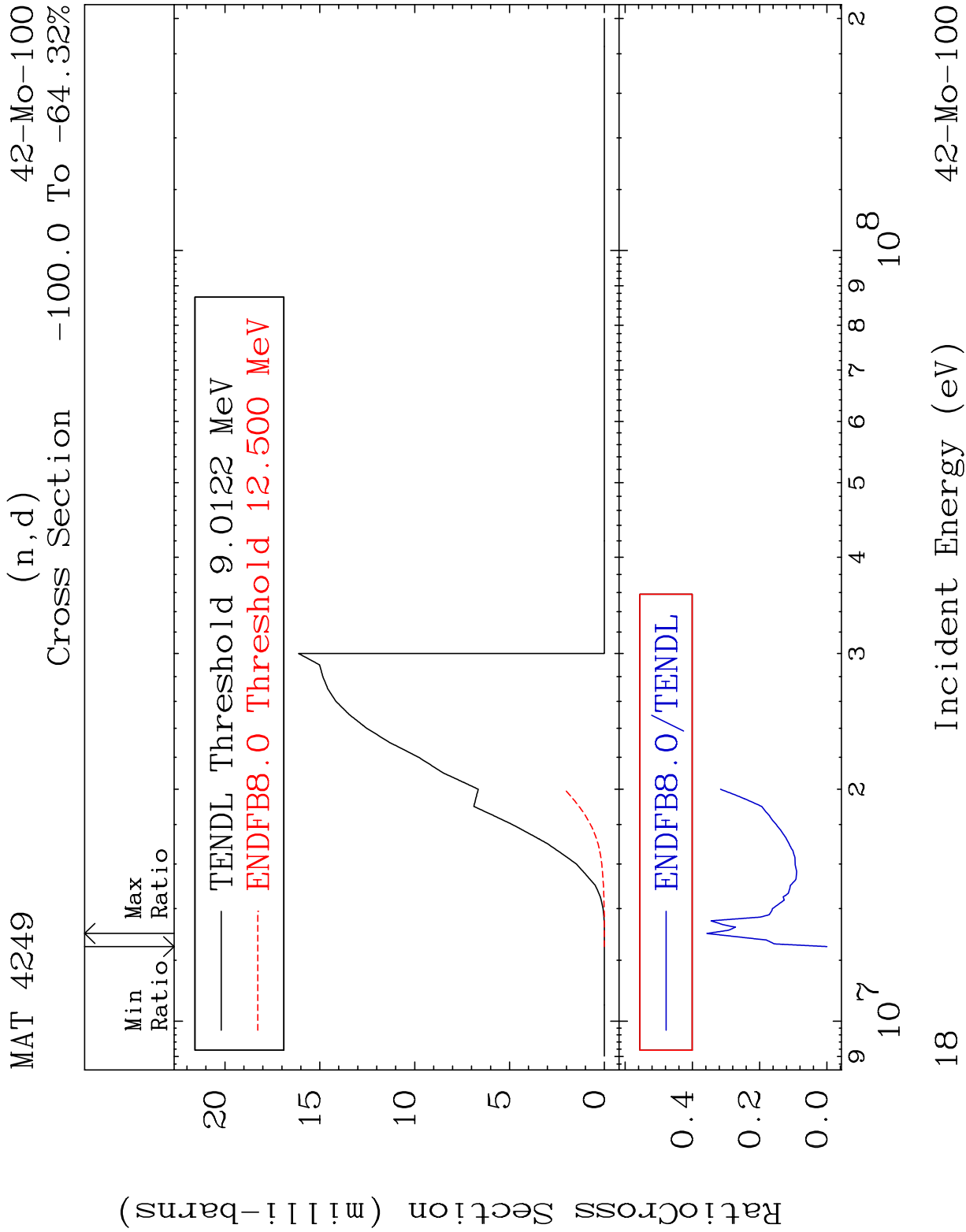
MAT 4249 MT= 57 (n,n') Level 42-Mo-100
Cross Section -100.0 To 9999. %

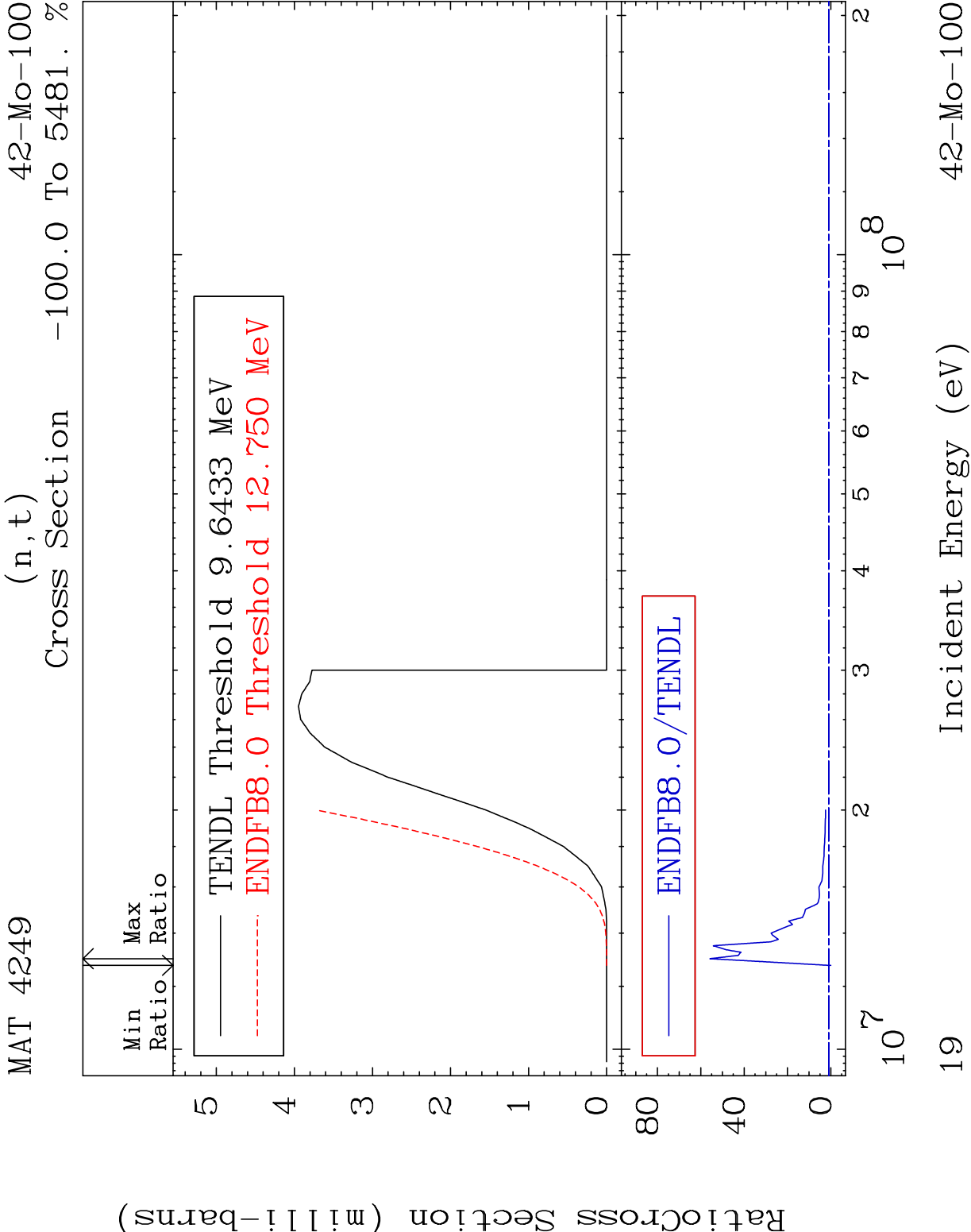


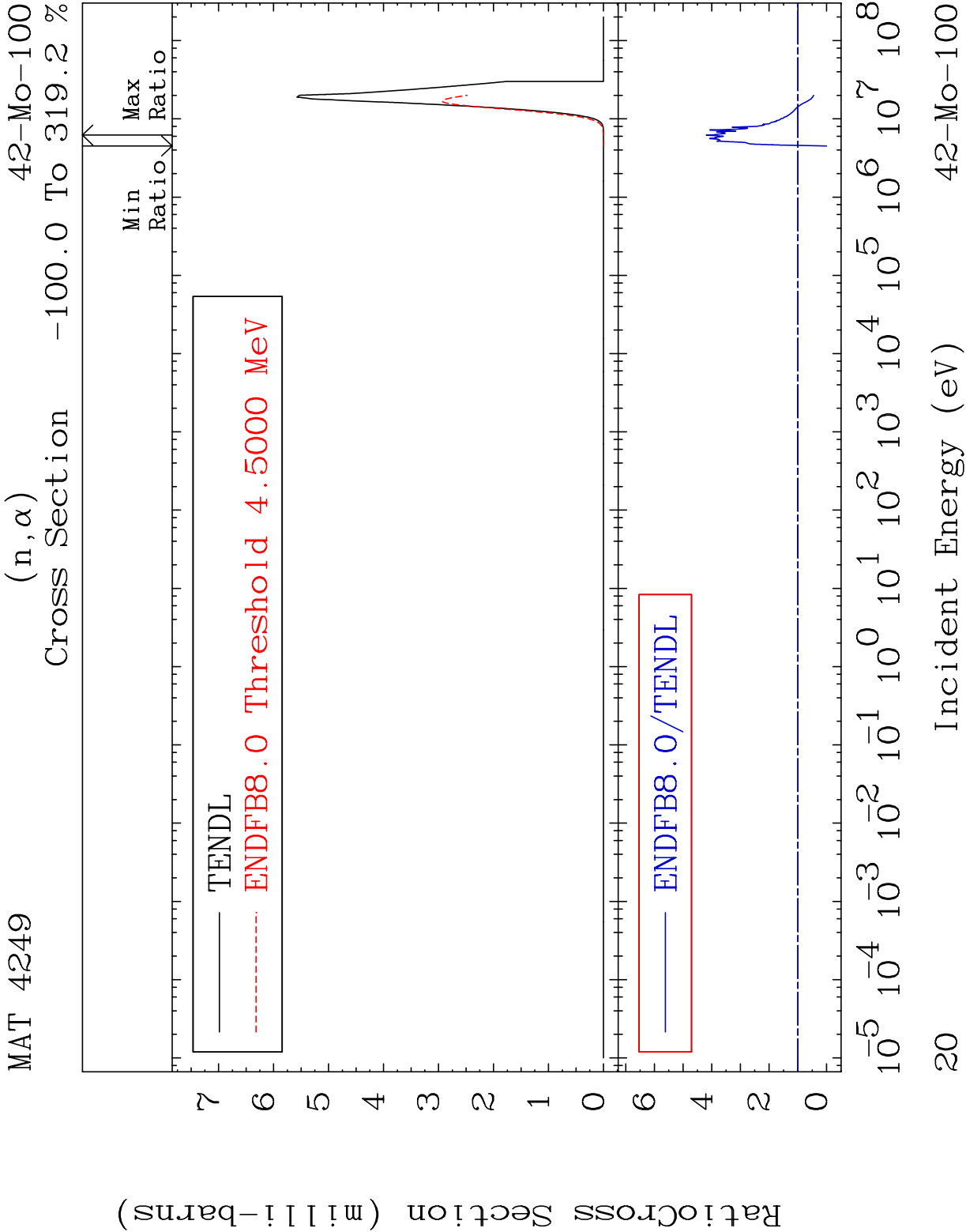


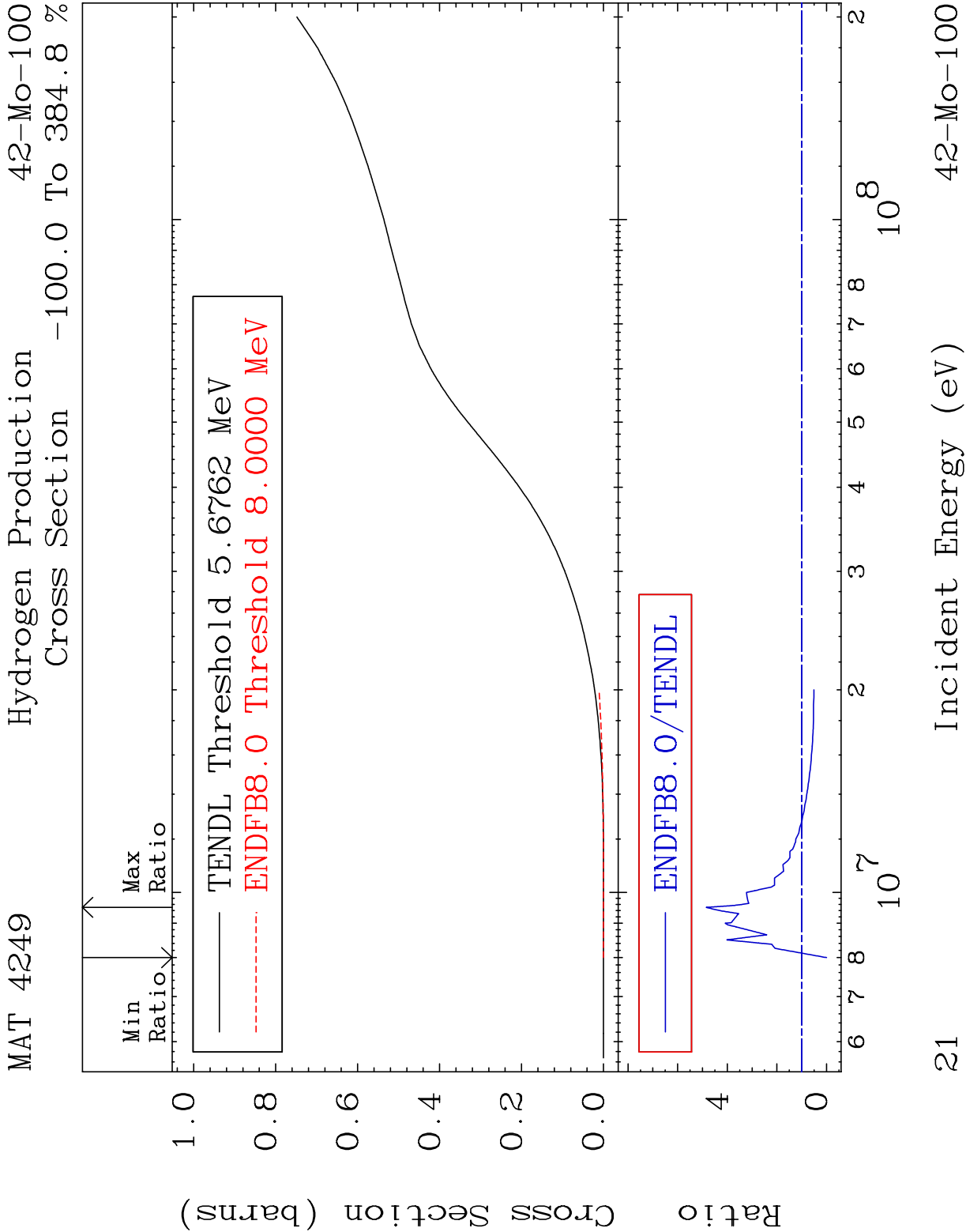












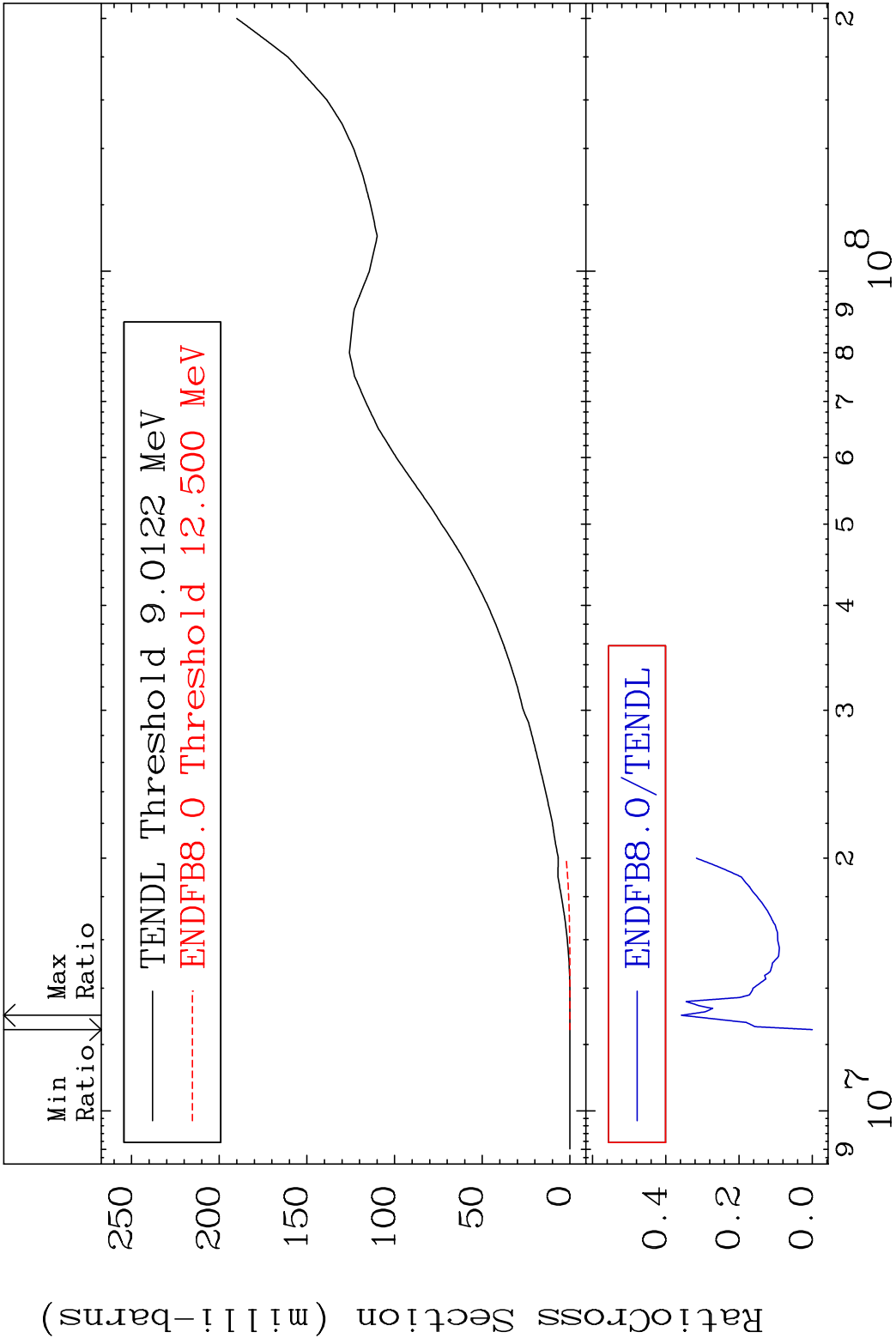
MAT 4249

Deuterium Production

42-Mo-100

Cross Section

-100.0 To -64.32%



22

Incident Energy (eV)

42-Mo-100

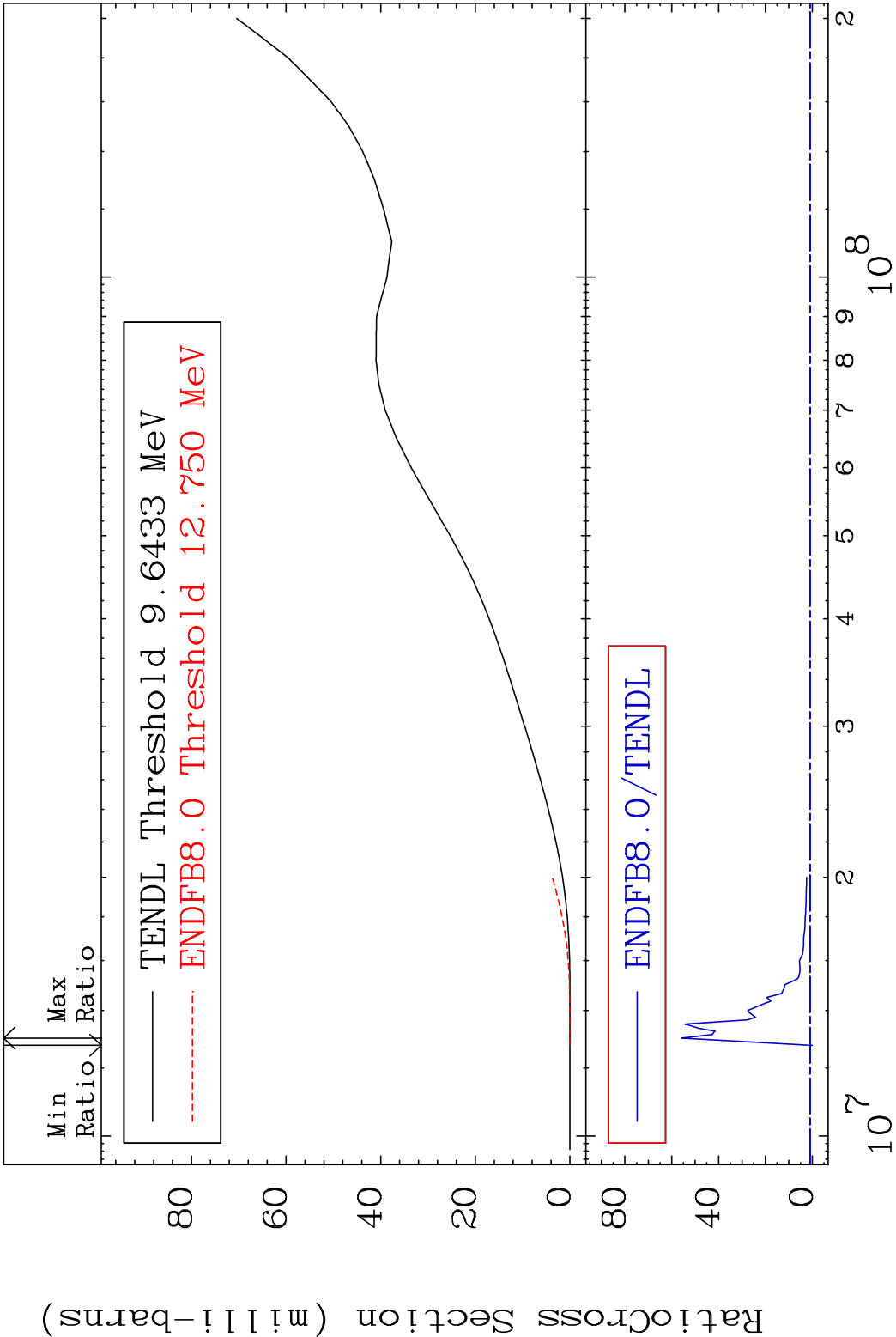
MAT 4249

Tritium Production

Cross Section

-100.0 To 5481. %

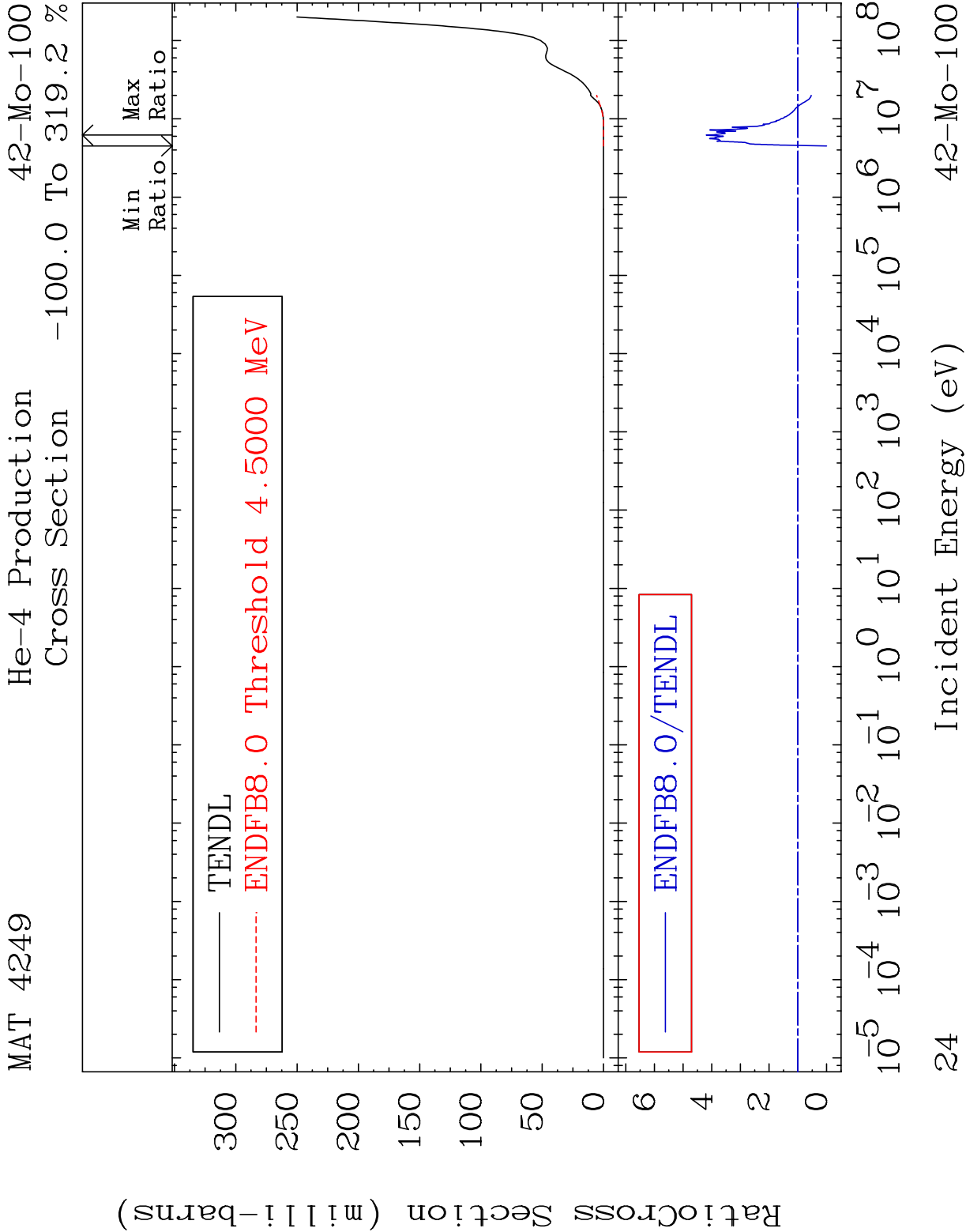
42-Mo-100



23

Incident Energy (eV)

42-Mo-100

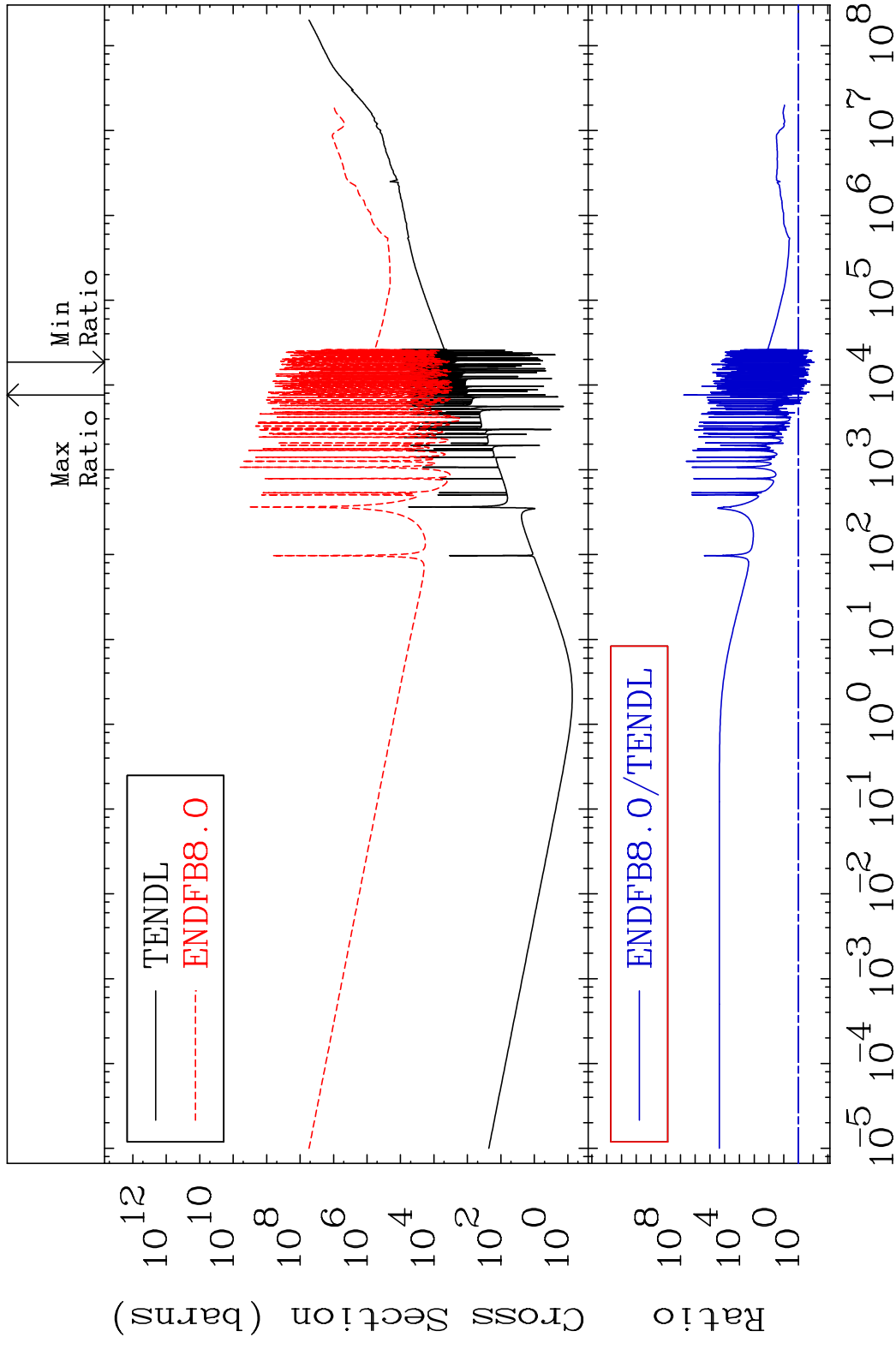


MAT 4249

Kerma total (eV-barns)

42-Mo-100

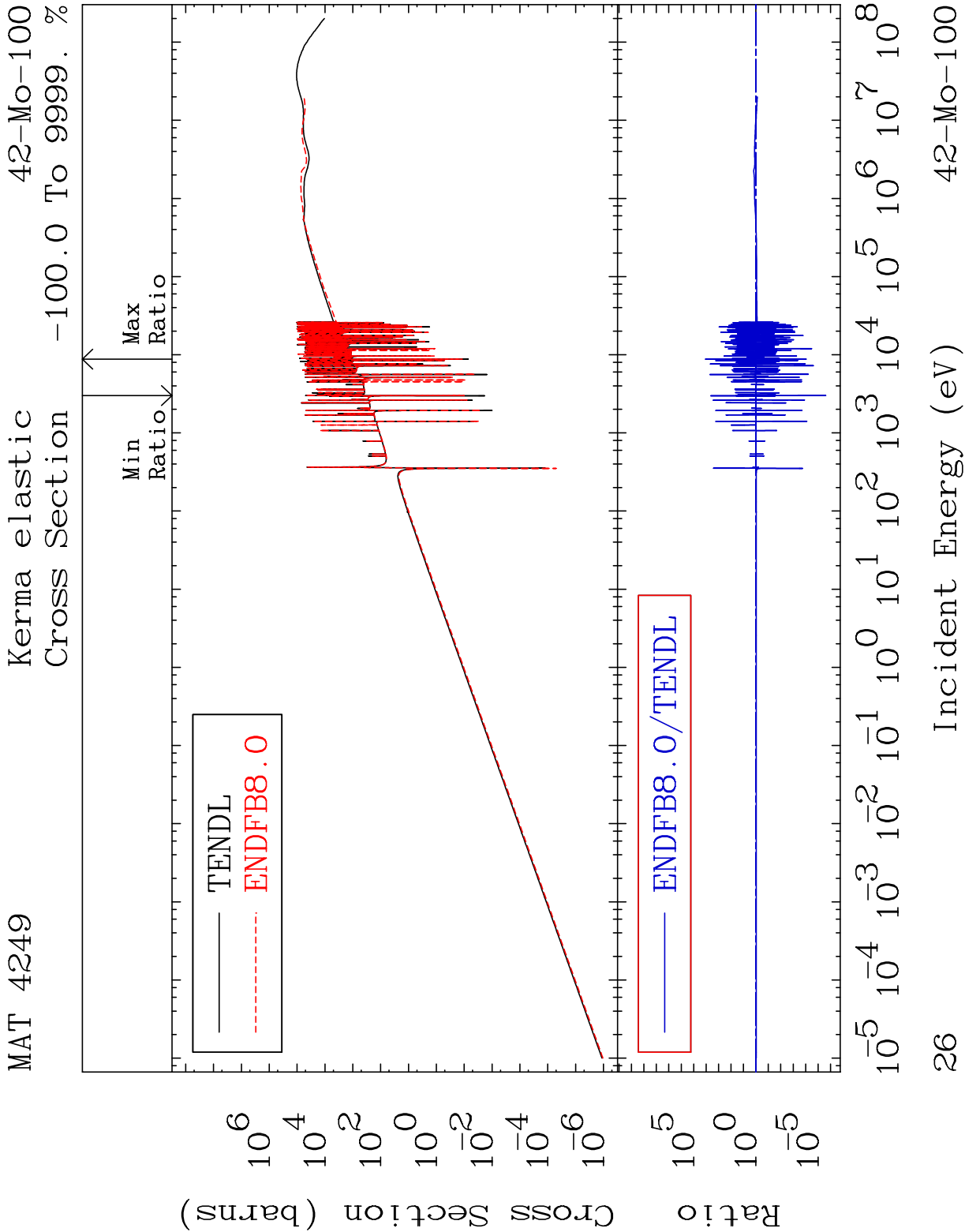
Cross Section -91.33 To $9999. \%$



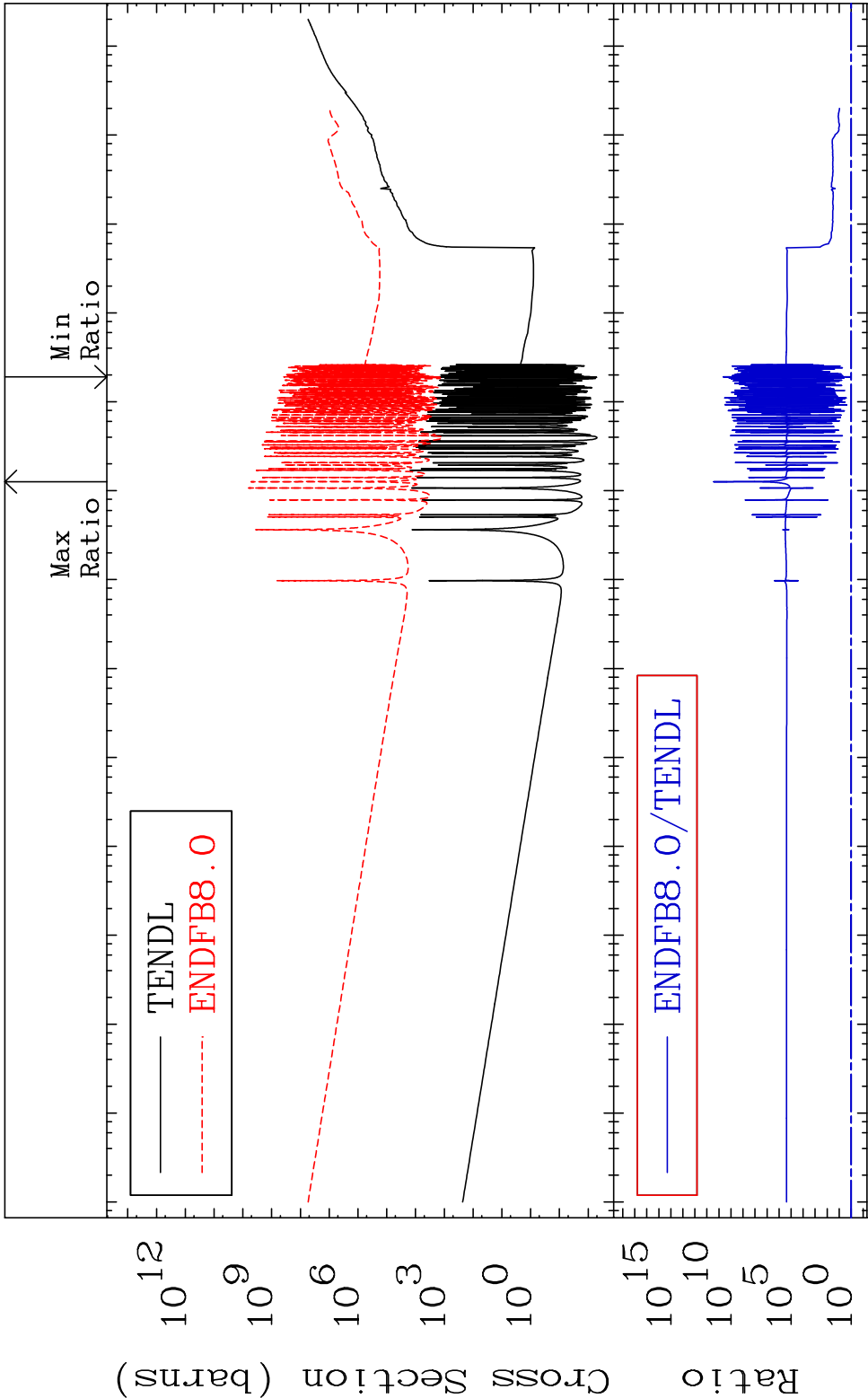
25

Incident Energy (eV)

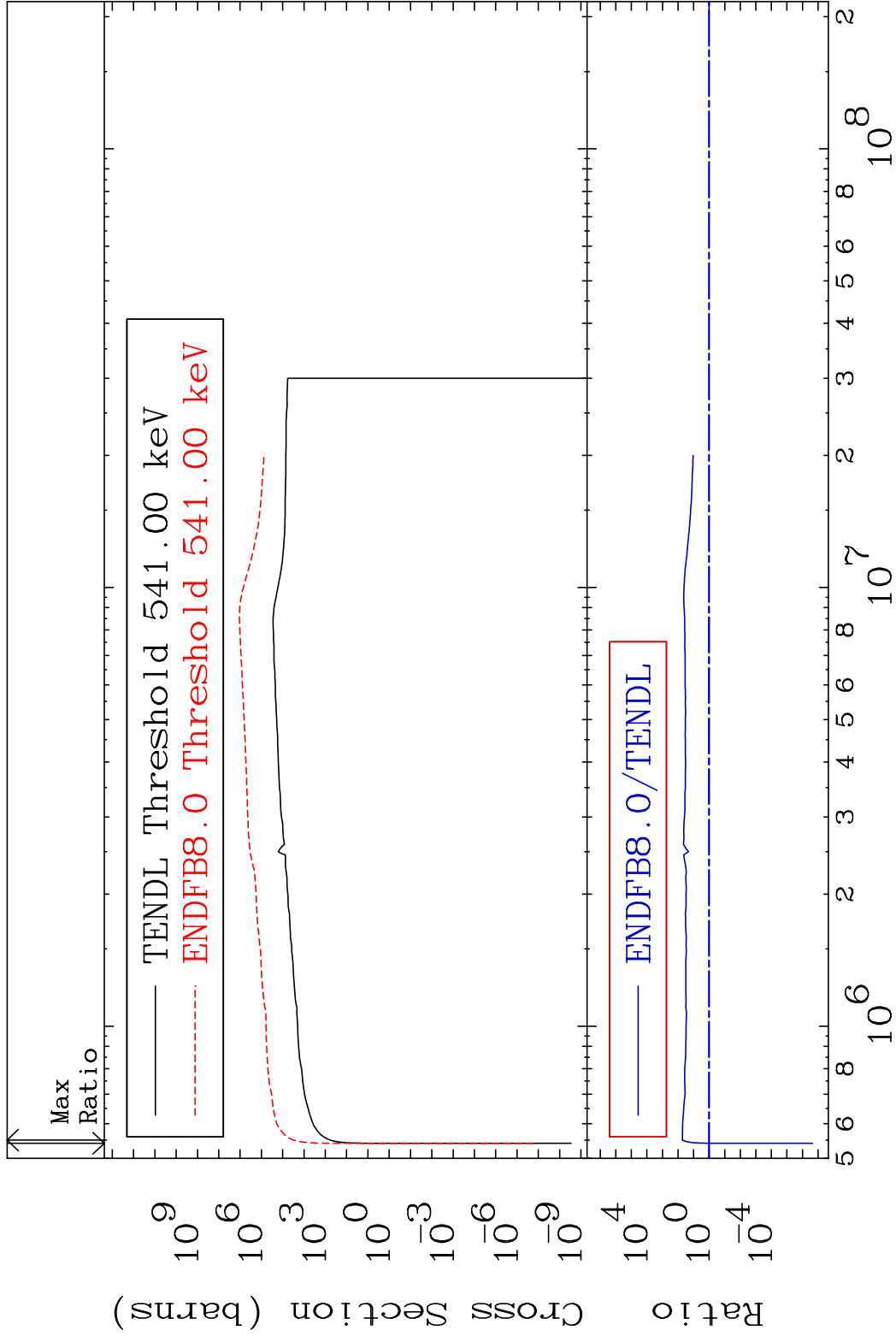
42-Mo-100



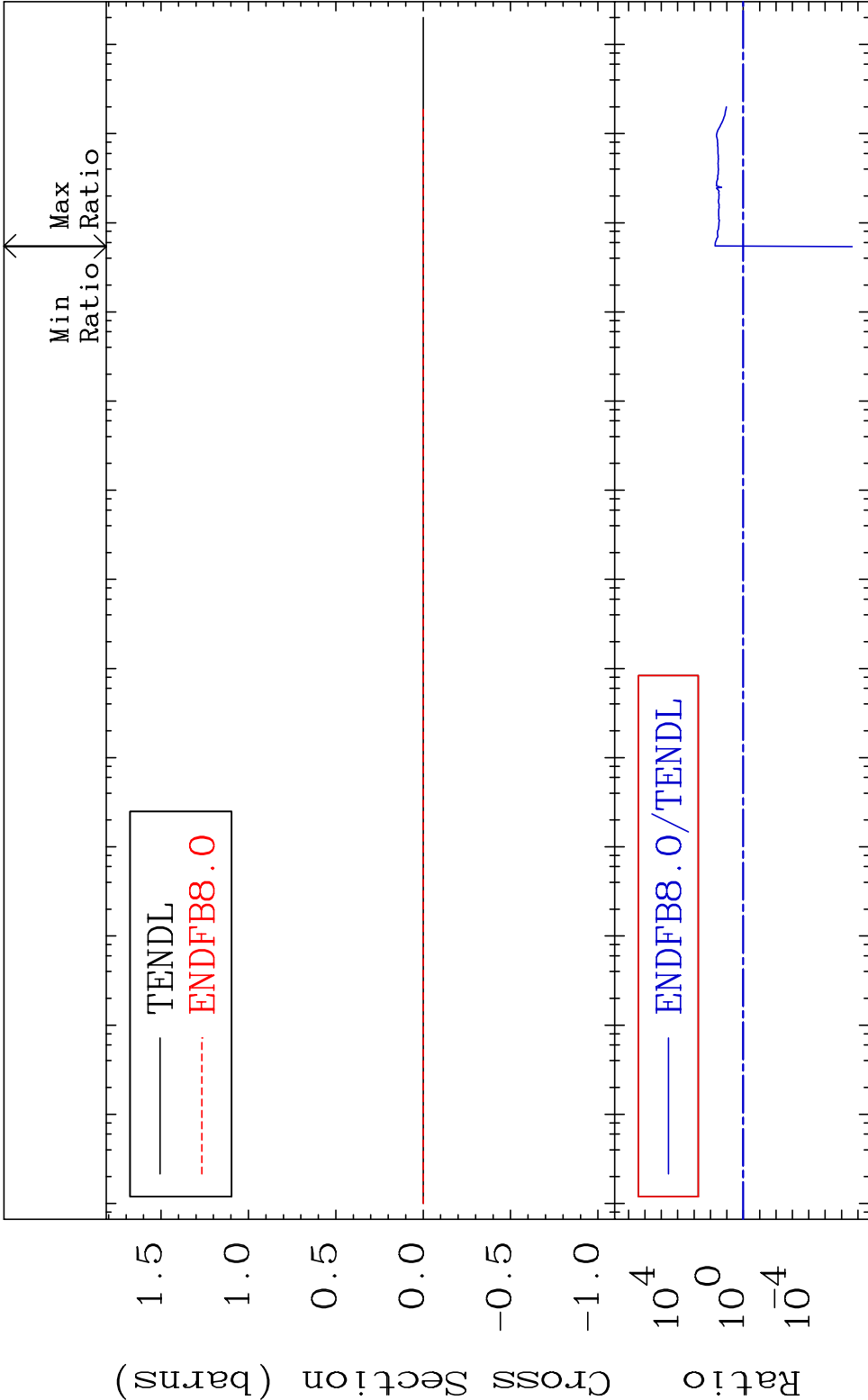
MAT 4249 Kerma non-elastic (all but mt2) 42-Mo-100
Cross Section 16.26 To 9999. %

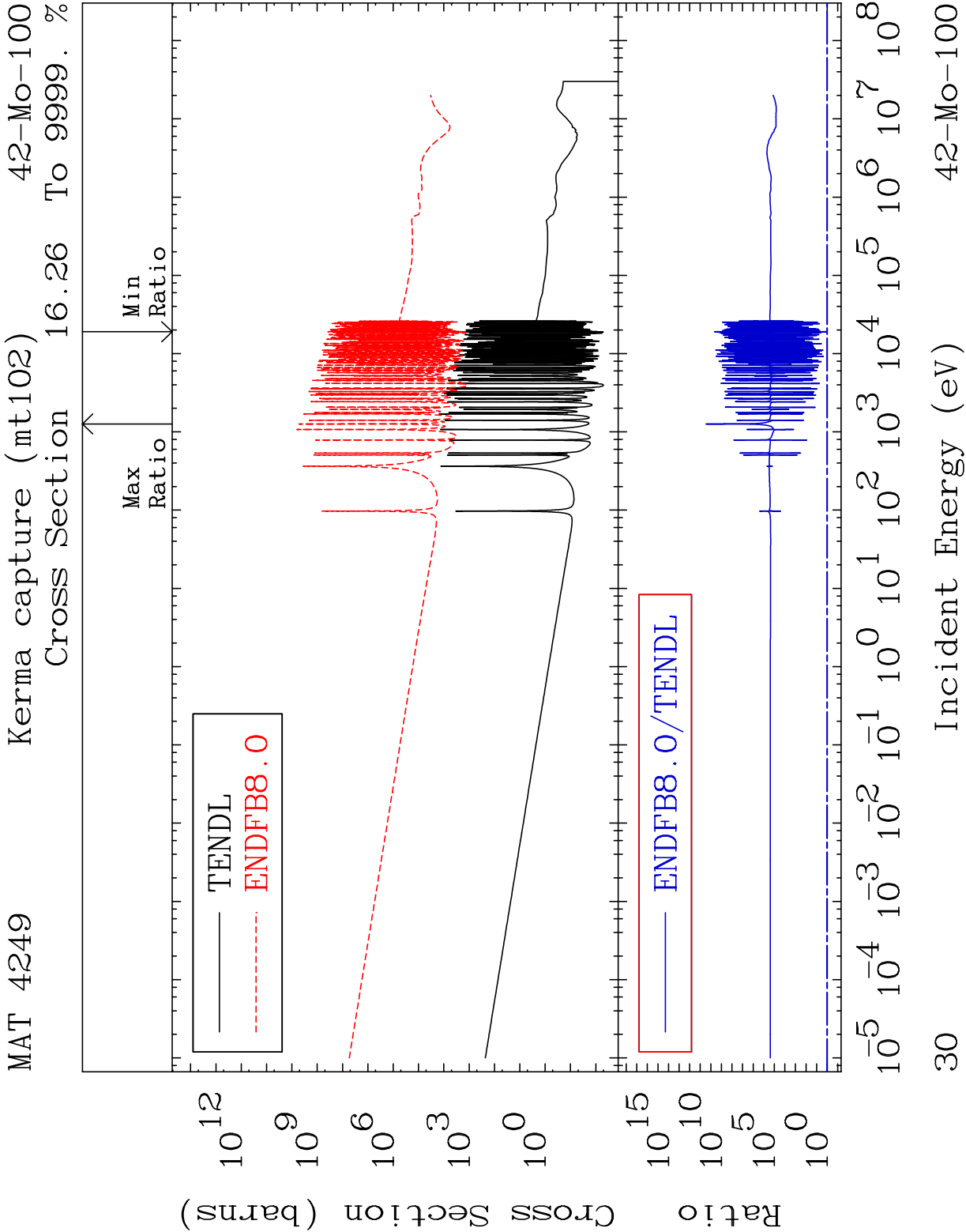


27 Incident Energy (eV) 42-Mo-100

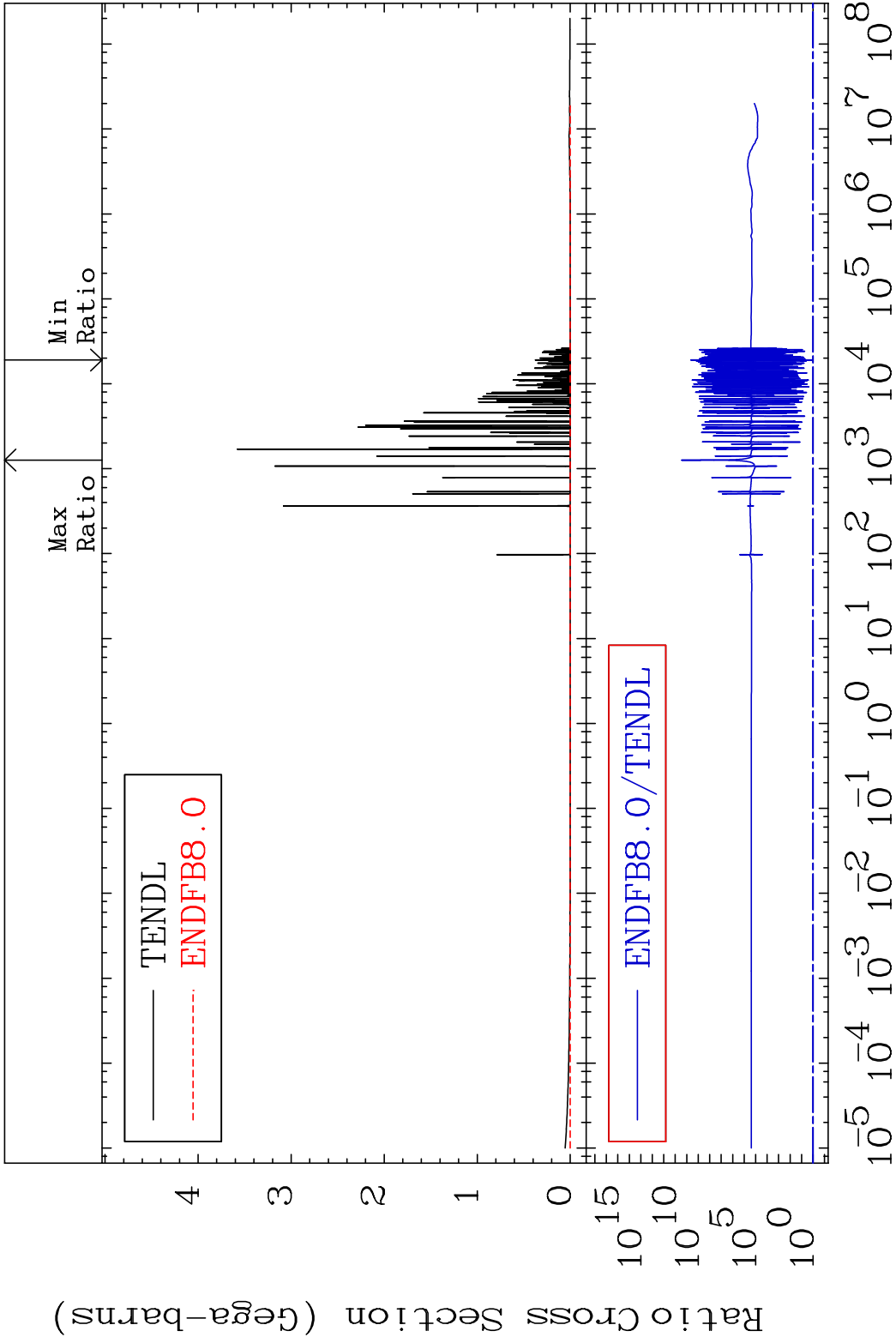


MAT 4249Kerma fission (mt18 or mt19-20-21-38)42-Mo-100
Cross Section -100.0 To 5162. %



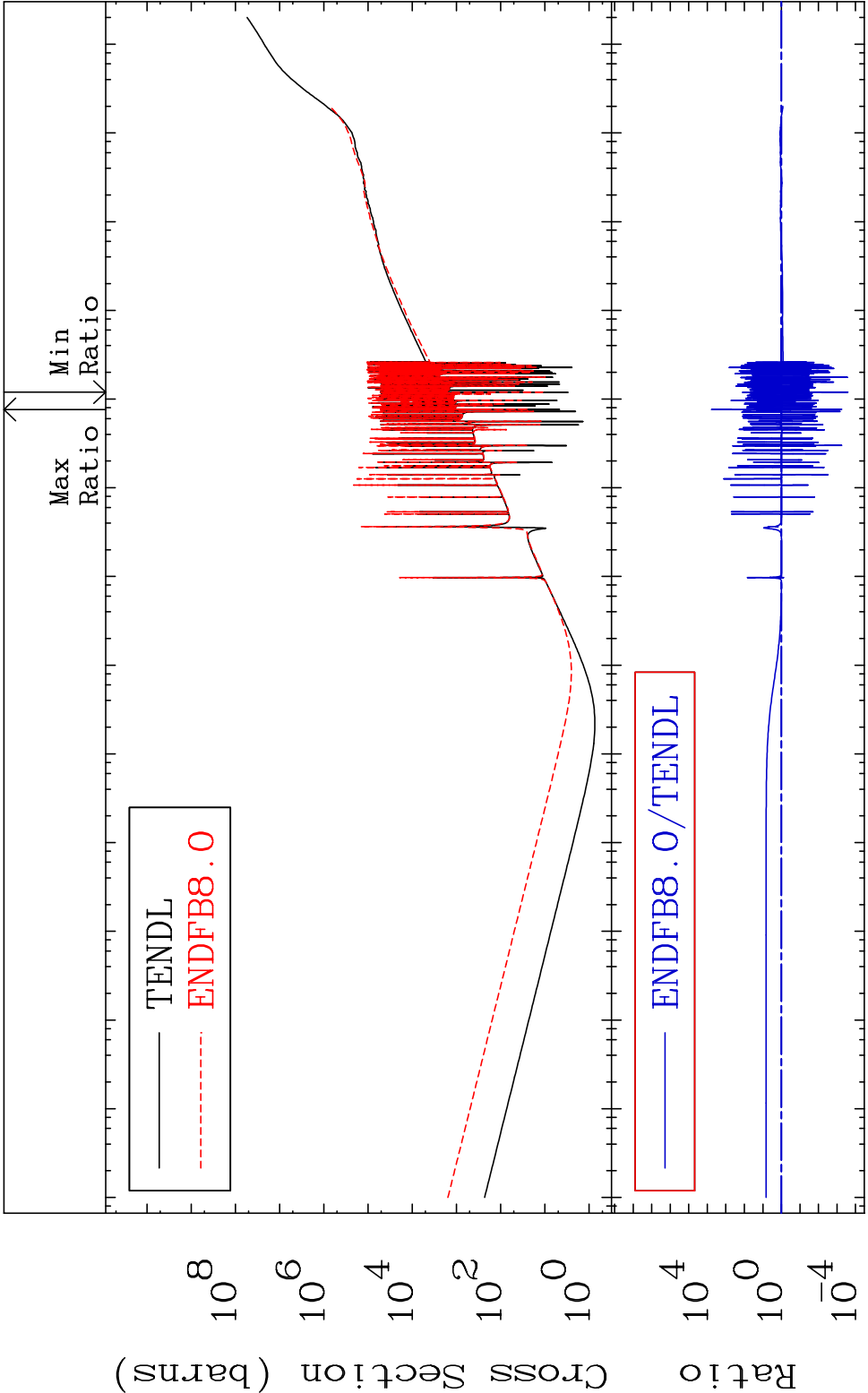


MAT 4249 Total photon (eV-barns) 42-Mo-100
Cross Section 16.26 To 9999. %

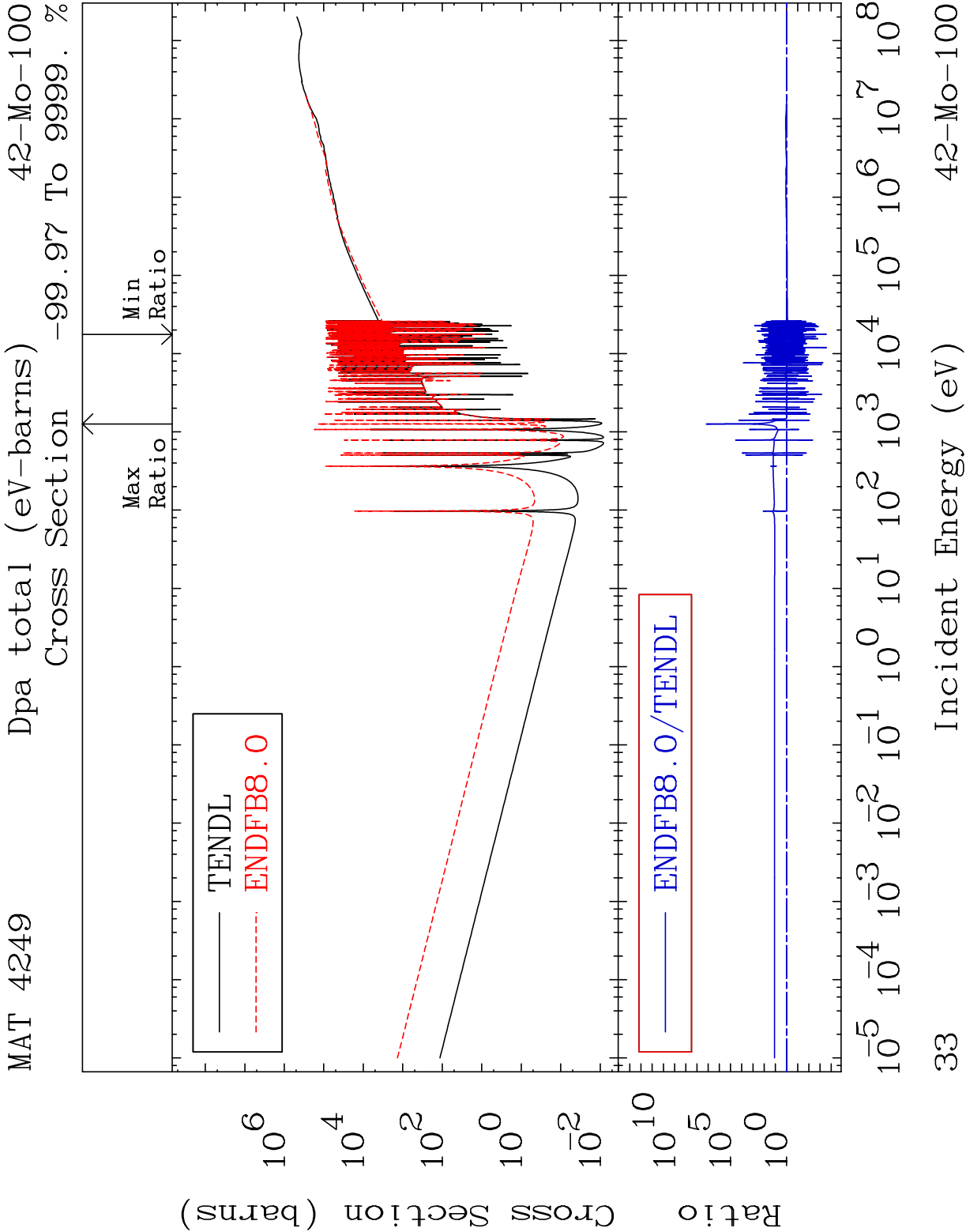


31 Incident Energy (eV) 42-Mo-100

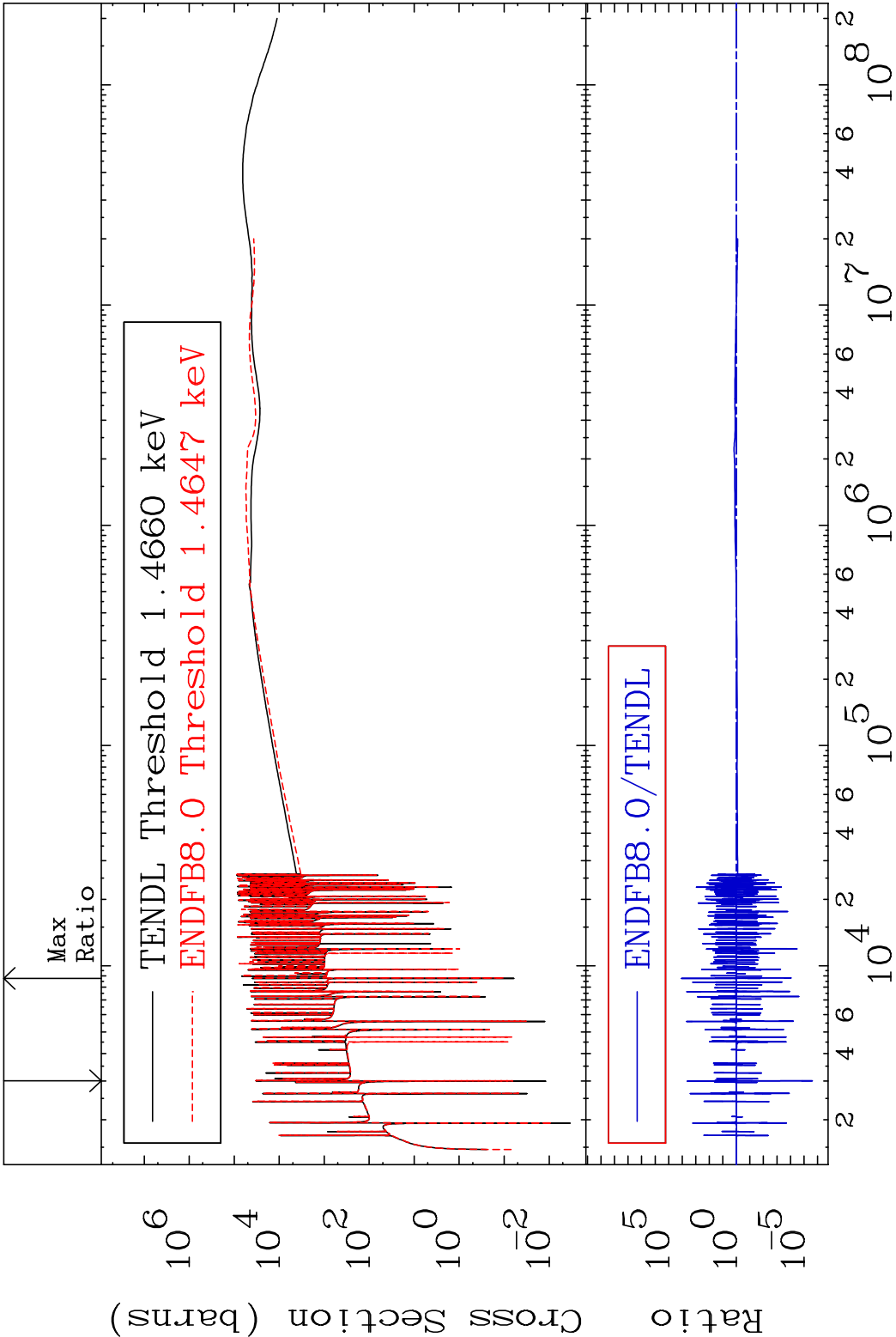
MAT 4249 Total kinematic kerma (high limit) 42-Mo-100
Cross Section -99.97 To 9999. %



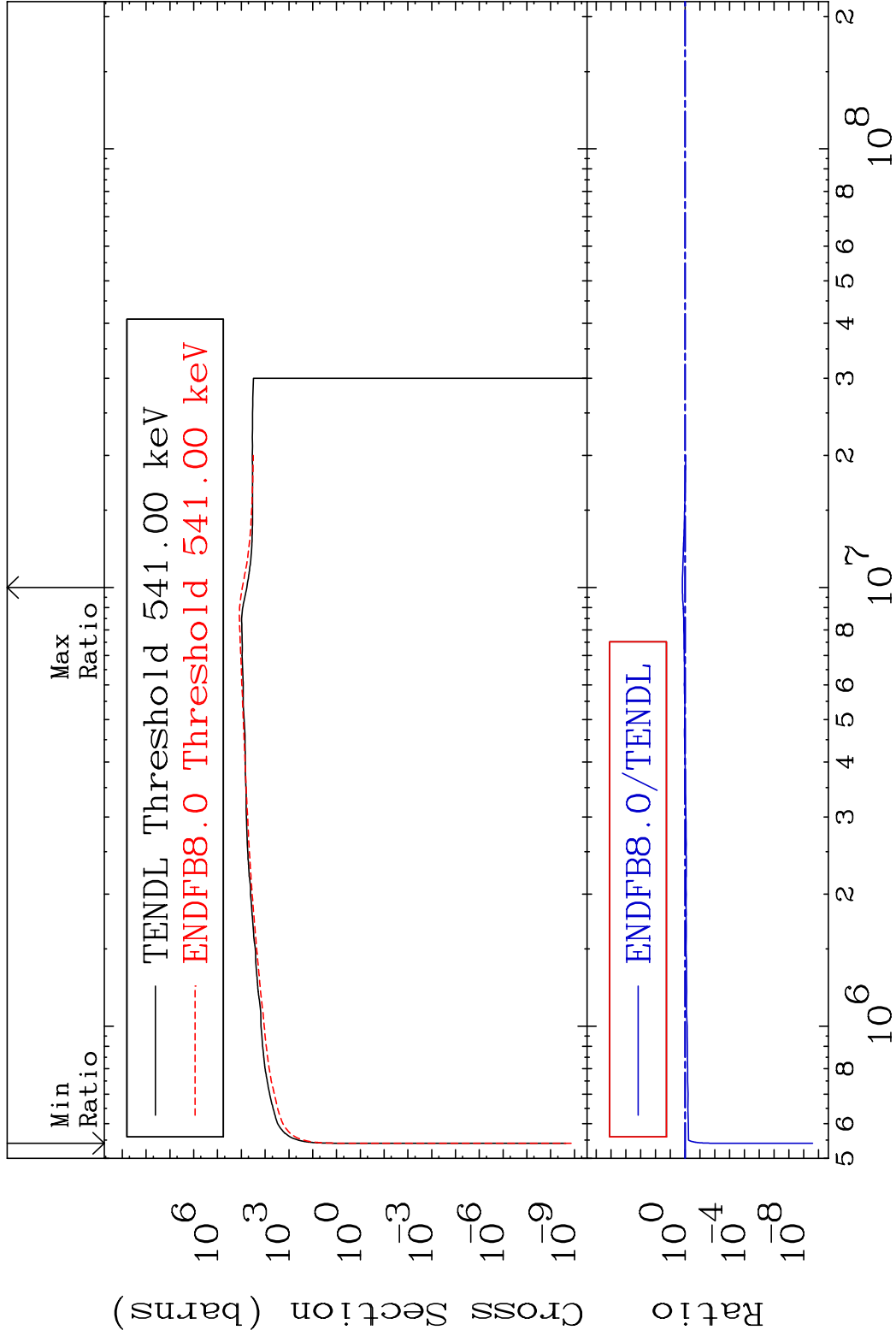
32 Incident Energy (eV) 42-Mo-100



MAT 4249 Dpa elastic (mt2) 42-Mo-100
 Cross Section -100.0 To 9999. %



MAT 4249 Dpa inelastic (mt51-91) 42-Mo-100
Cross Section -100.0 To 54.47 %



MAT 4249 Dpa disappearance (mt102 -120) 42-Mo-100
Cross Section -99.99 To 9999. %

