

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

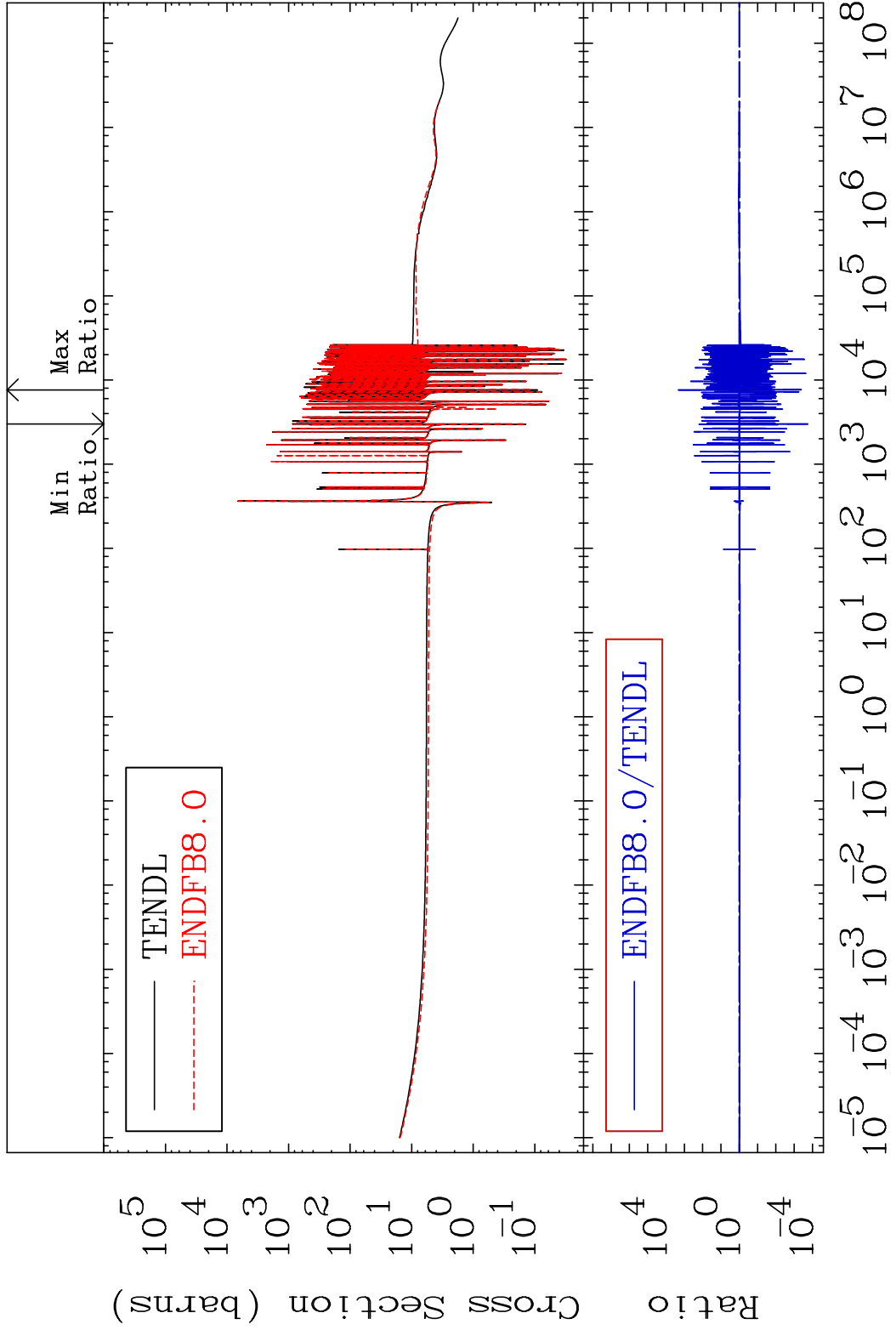
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

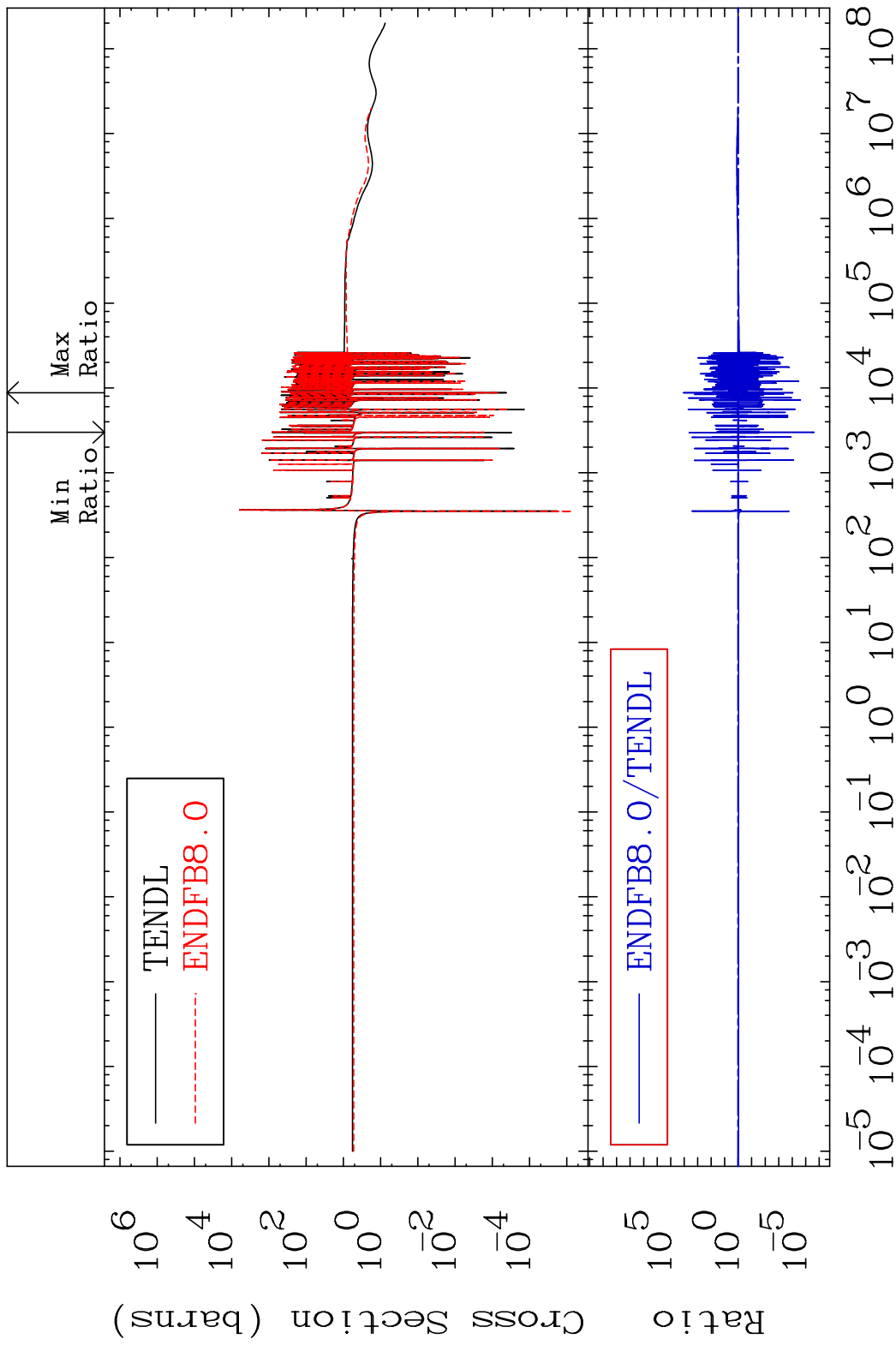
Press Mouse Button to Start

MAT 4249 Total 42-Mo-100
 Cross Section -99.98 To 9999. %

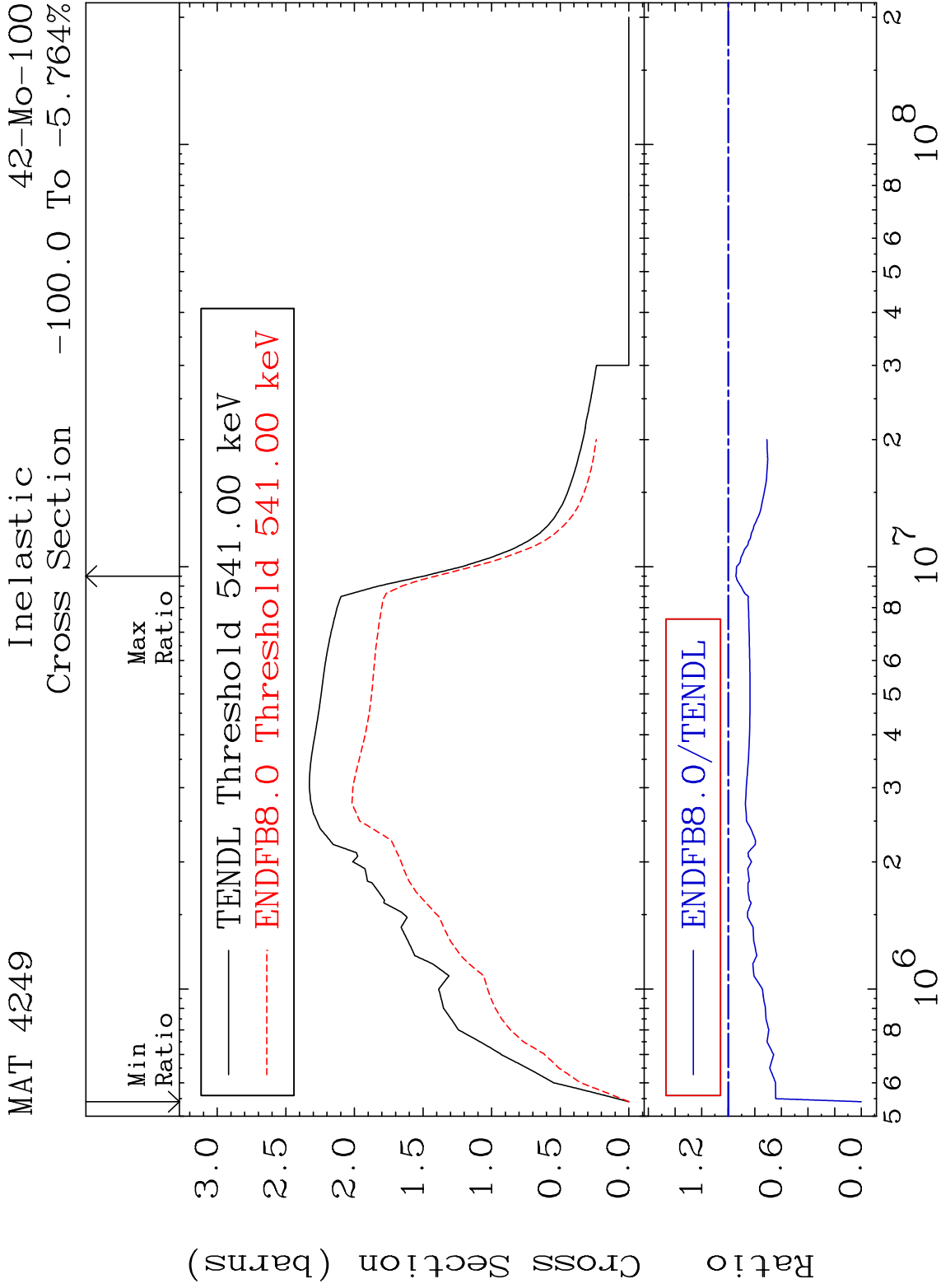


1 Incident Energy (eV) 42-Mo-100

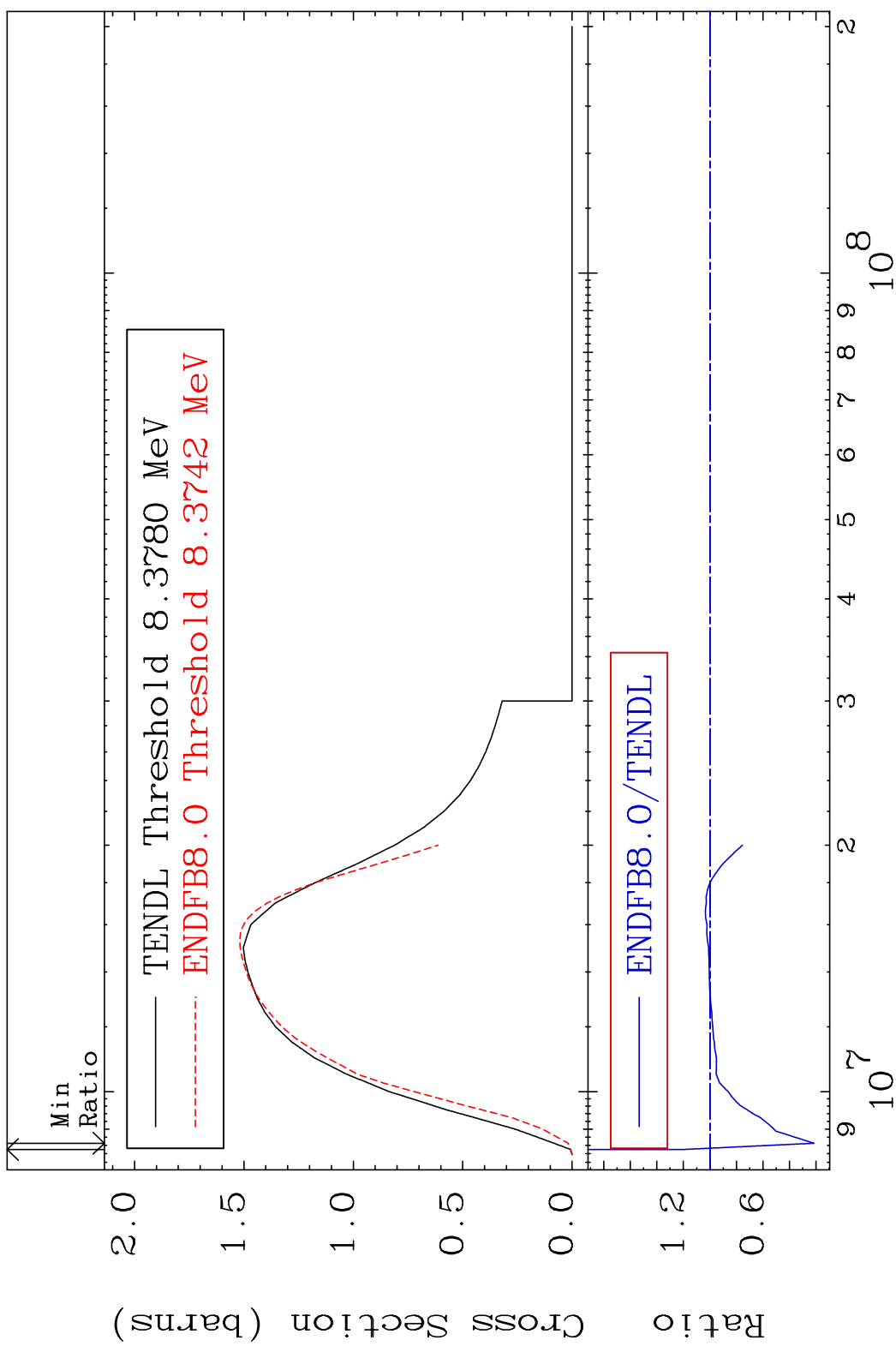
MAT 4249 Elastic Cross Section -100.0 To 9999. % 42-Mo-100



2 Incident Energy (eV) 42-Mo-100

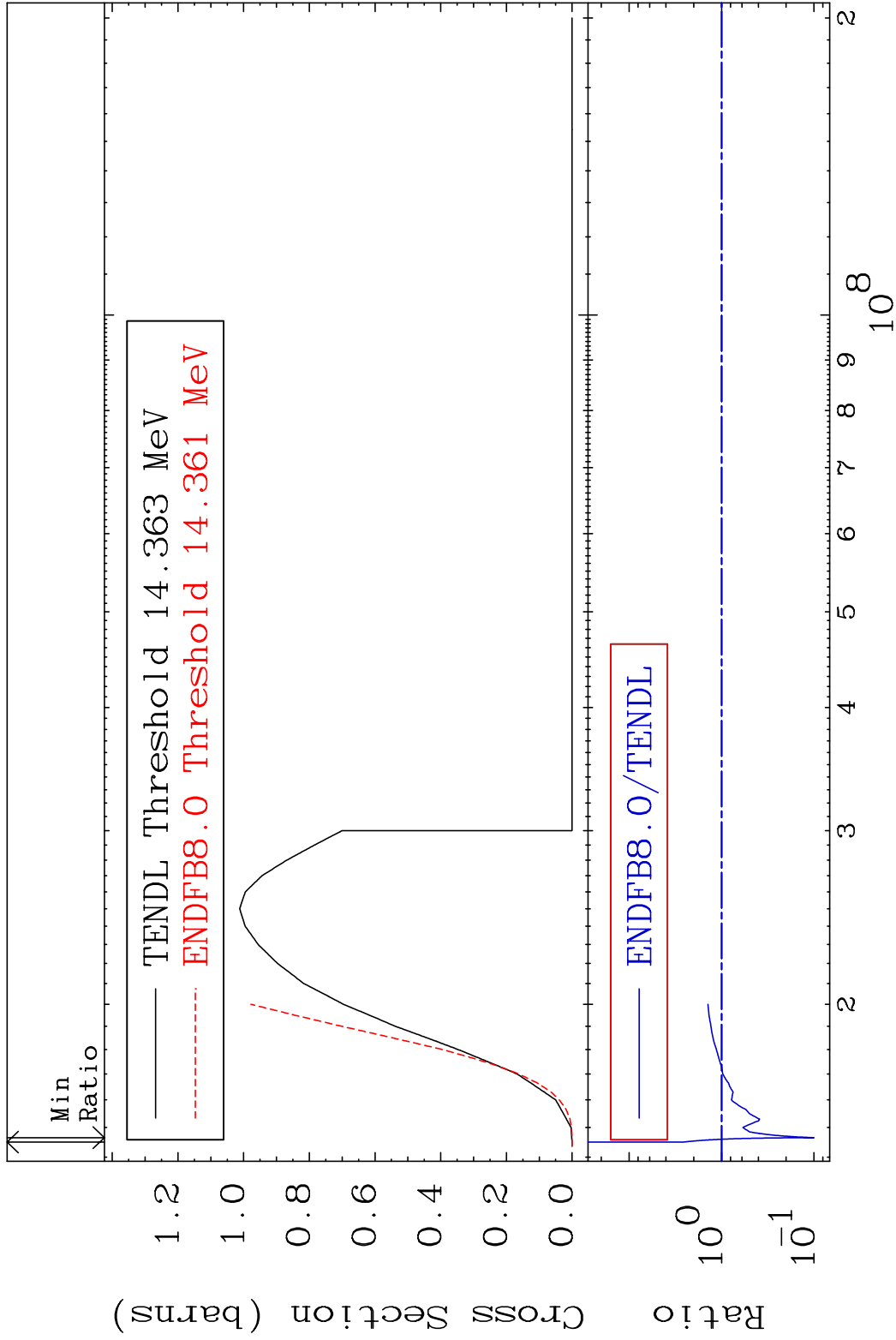


MAT 4249 (n,2n) 42-Mo-100
 Cross Section -78.35 To 19.94 %

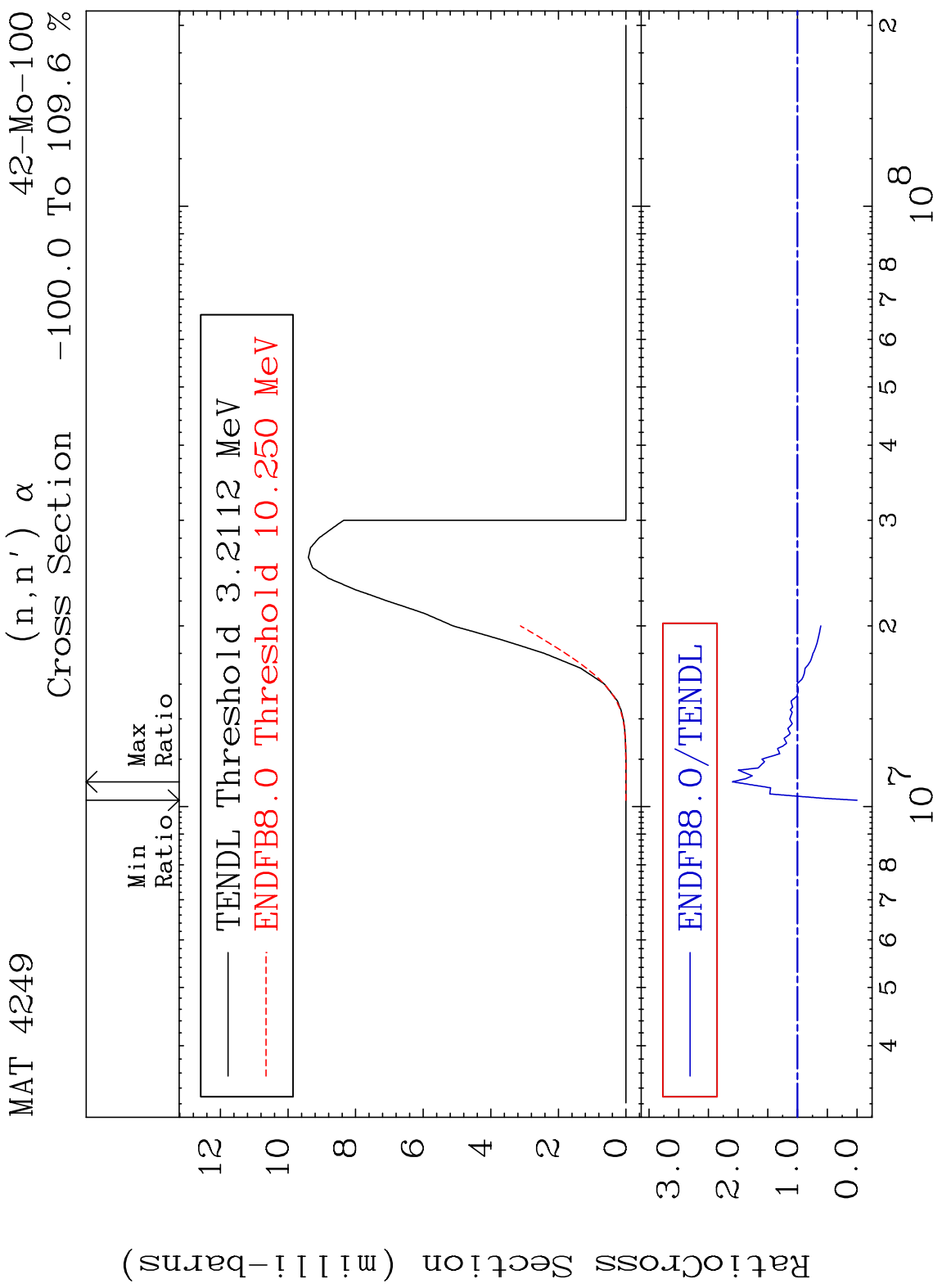


4 Incident Energy (eV) 42-Mo-100

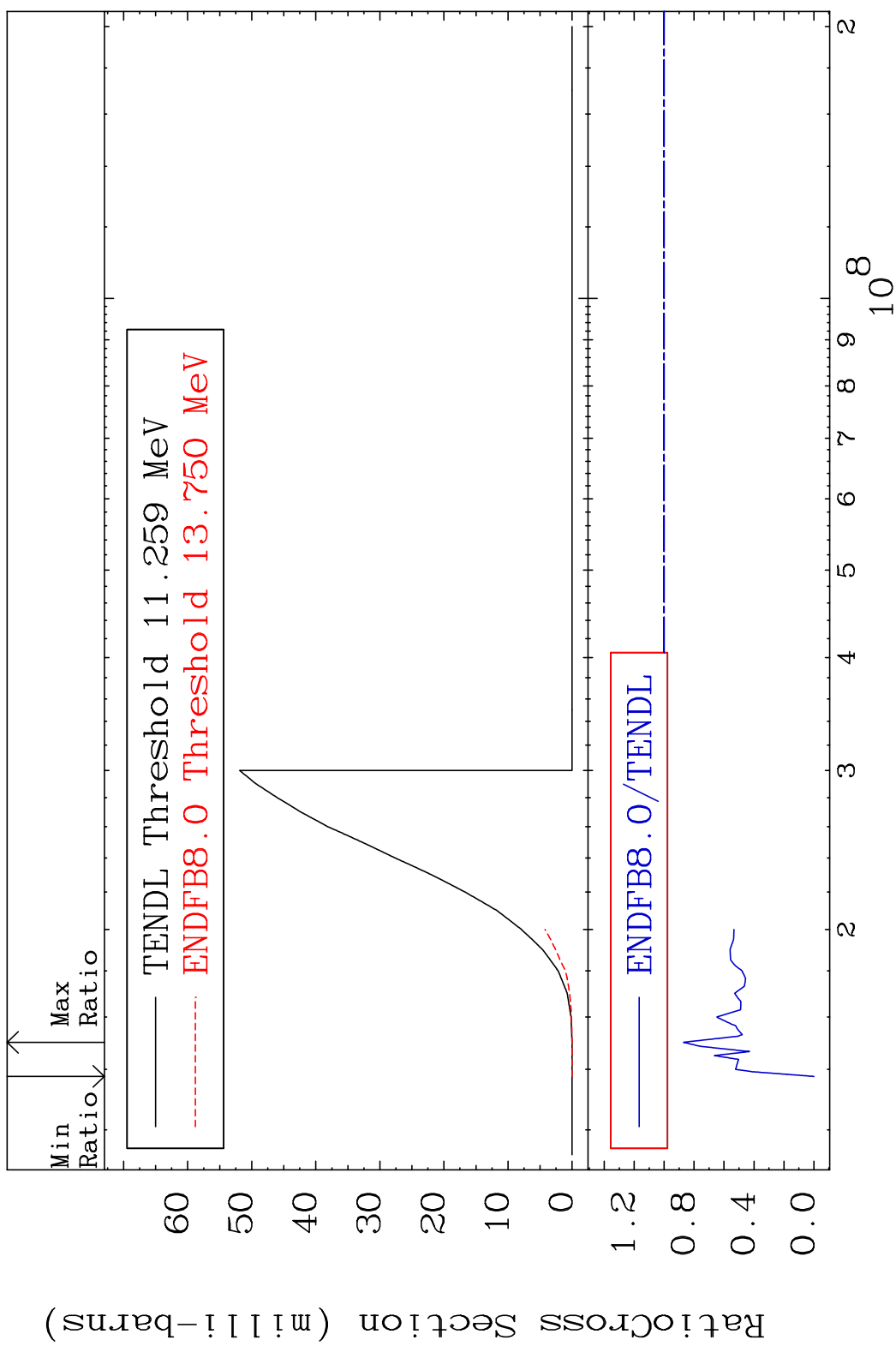
MAT 4249 (n,3n) 42-Mo-100
 Cross Section -89.97 To 158.4 %

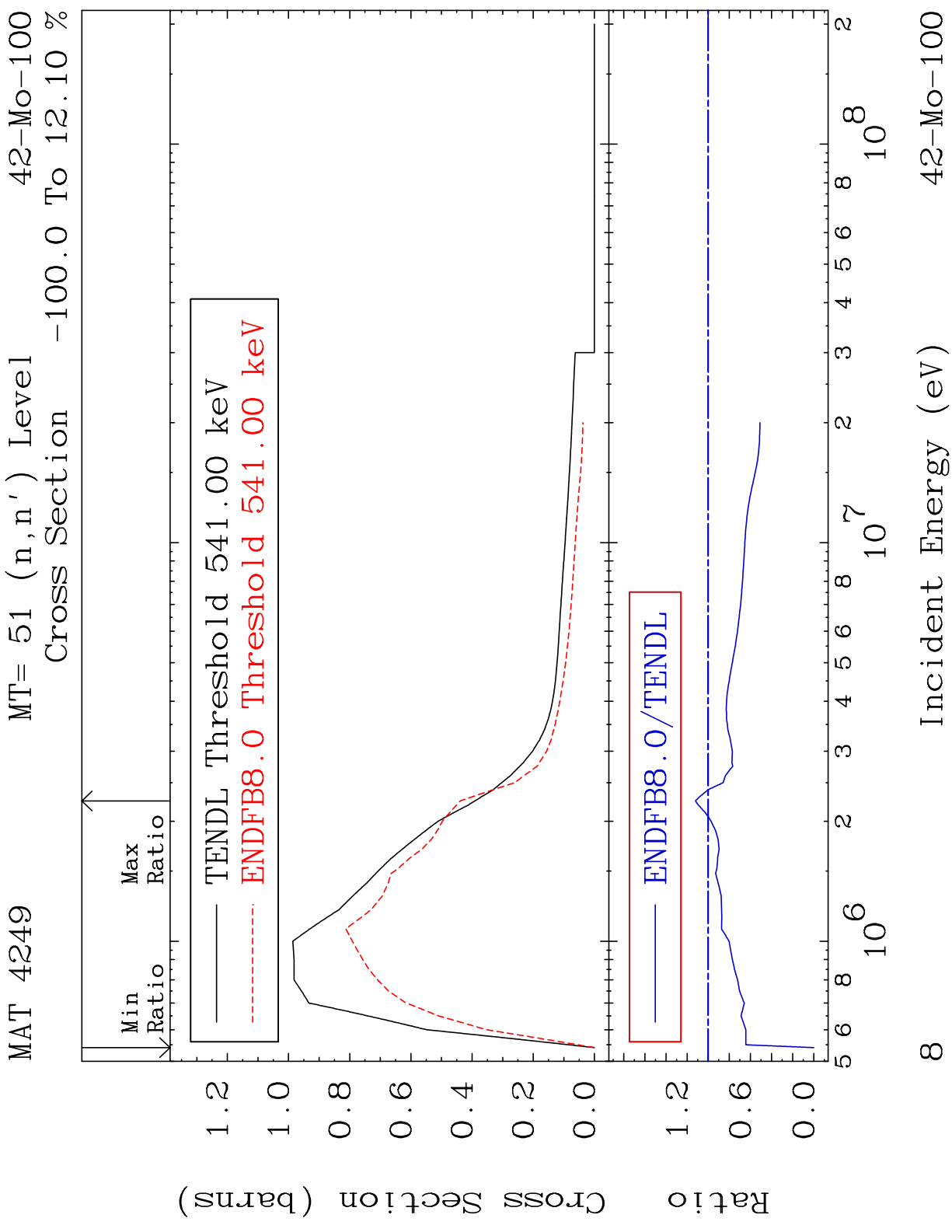


5 Incident Energy (eV) 42-Mo-100

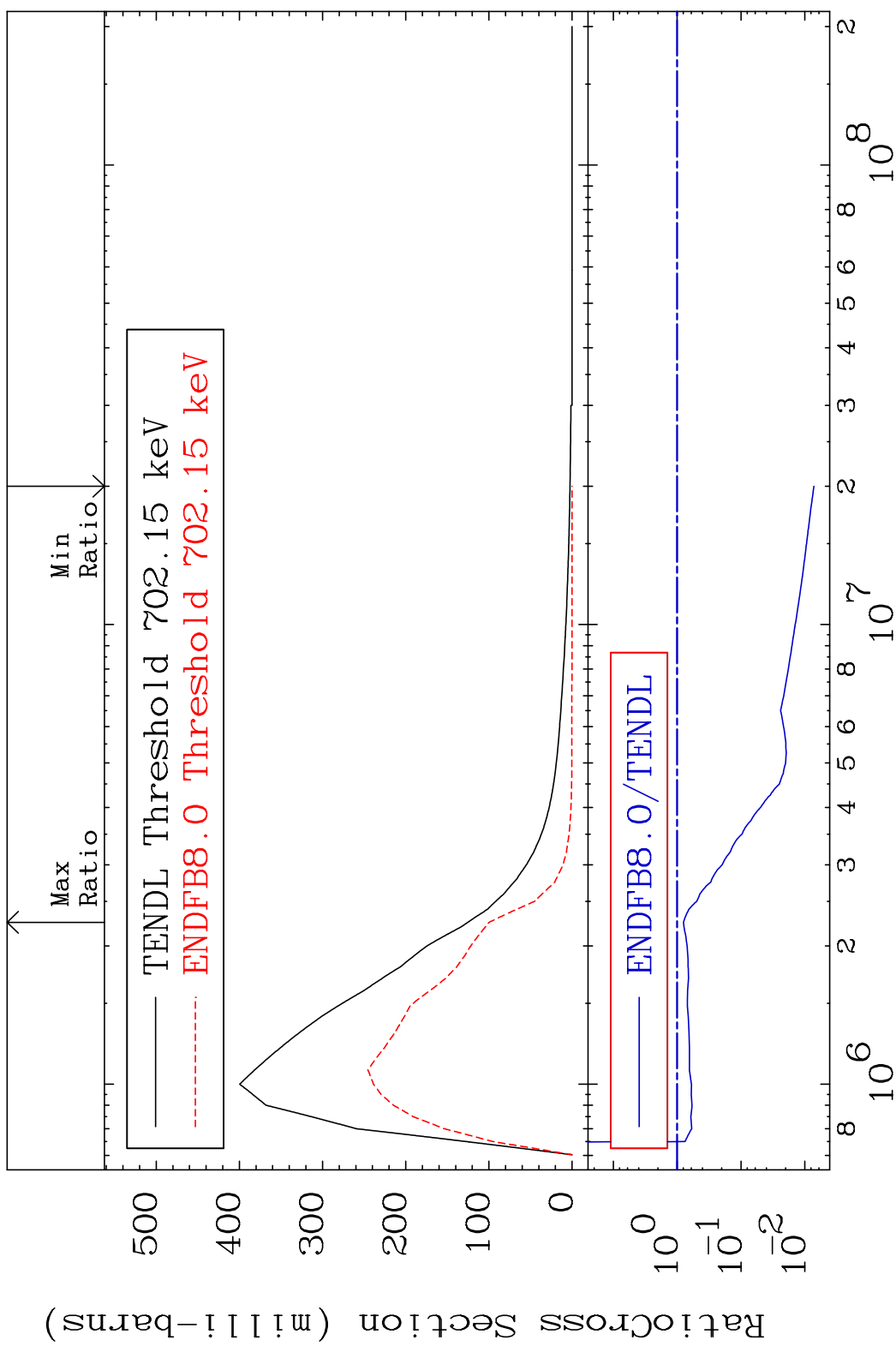


MAT 4249 (n, n') p 42-Mo-100
 Cross Section -100.0 To -12.90%



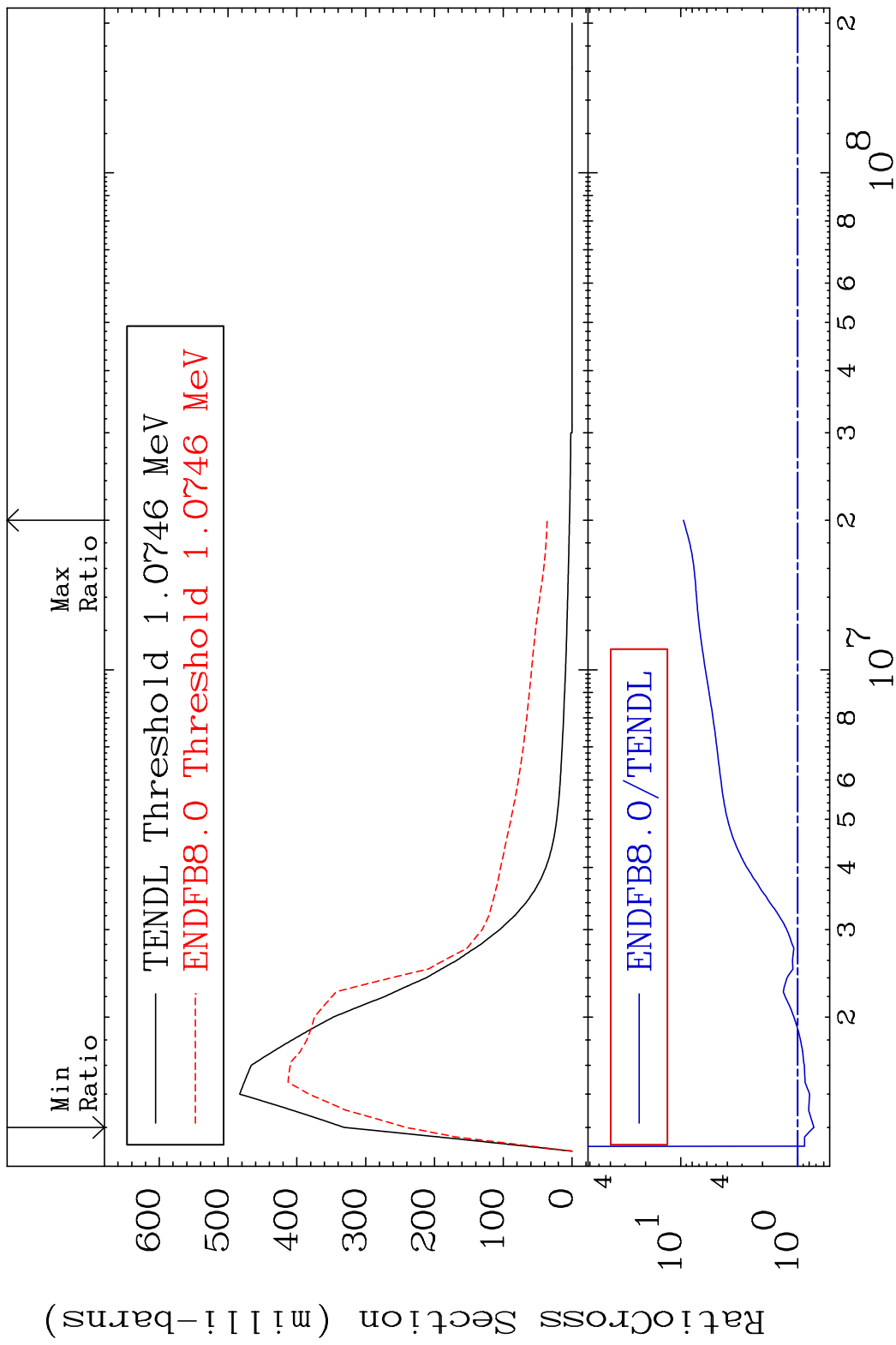


MAT 4249 MT= 52 (n, n') Level 42-Mo-100
 Cross Section -99.28 To -20.39%



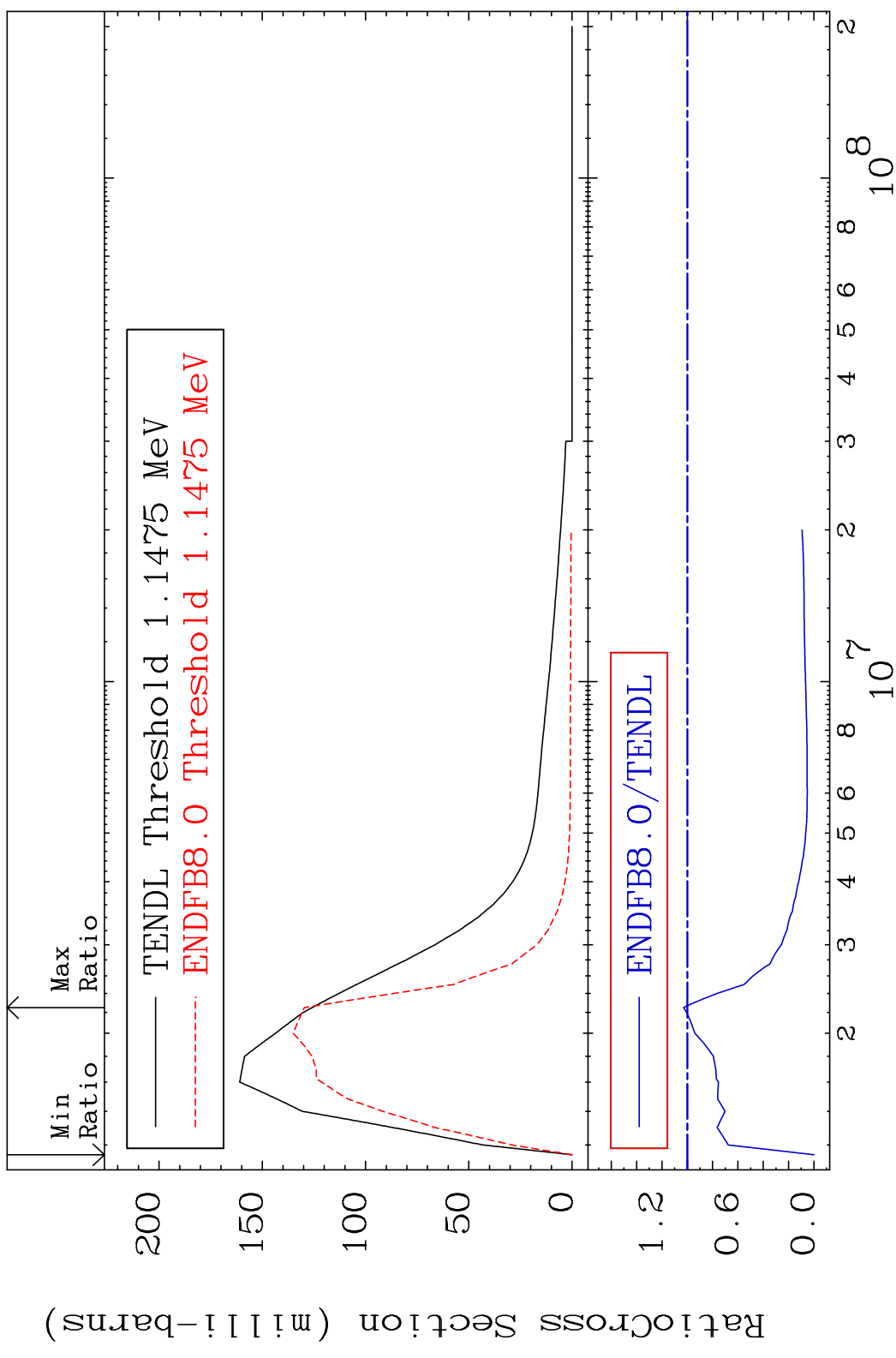
9 Incident Energy (eV) 42-Mo-100

MAT 4249 MT= 53 (n, n') Level 42-Mo-100
 Cross Section -27.15 To 849.5 %



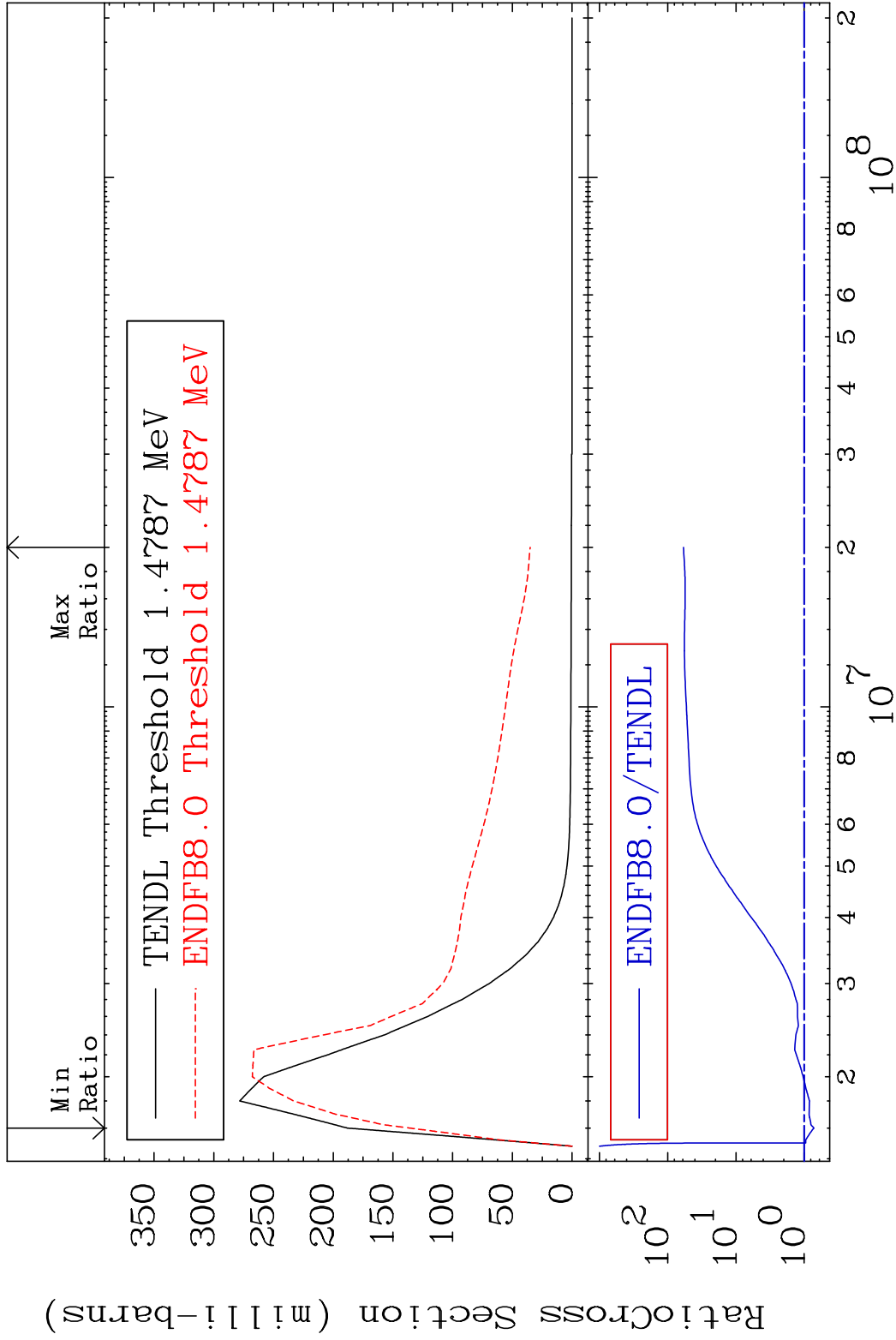
10 Incident Energy (eV) 42-Mo-100

MAT 4249 MT= 54 (n, n') Level 42-Mo-100
 Cross Section -100.0 To 3.022 %



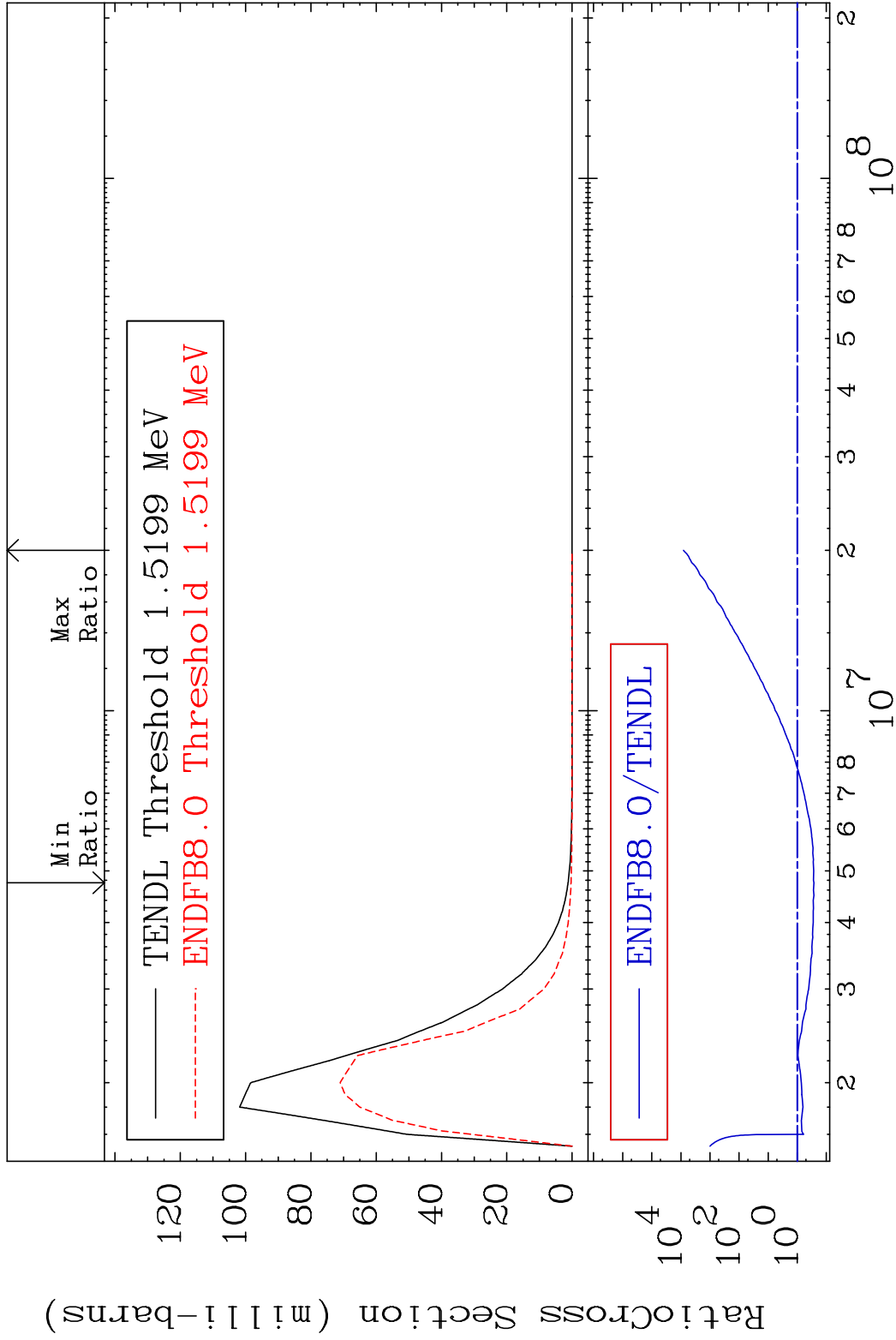
11 Incident Energy (eV) 42-Mo-100

MAT 4249 MT= 55 (n, n') Level 42-Mo-100
 Cross Section -27.83 To 5786. %



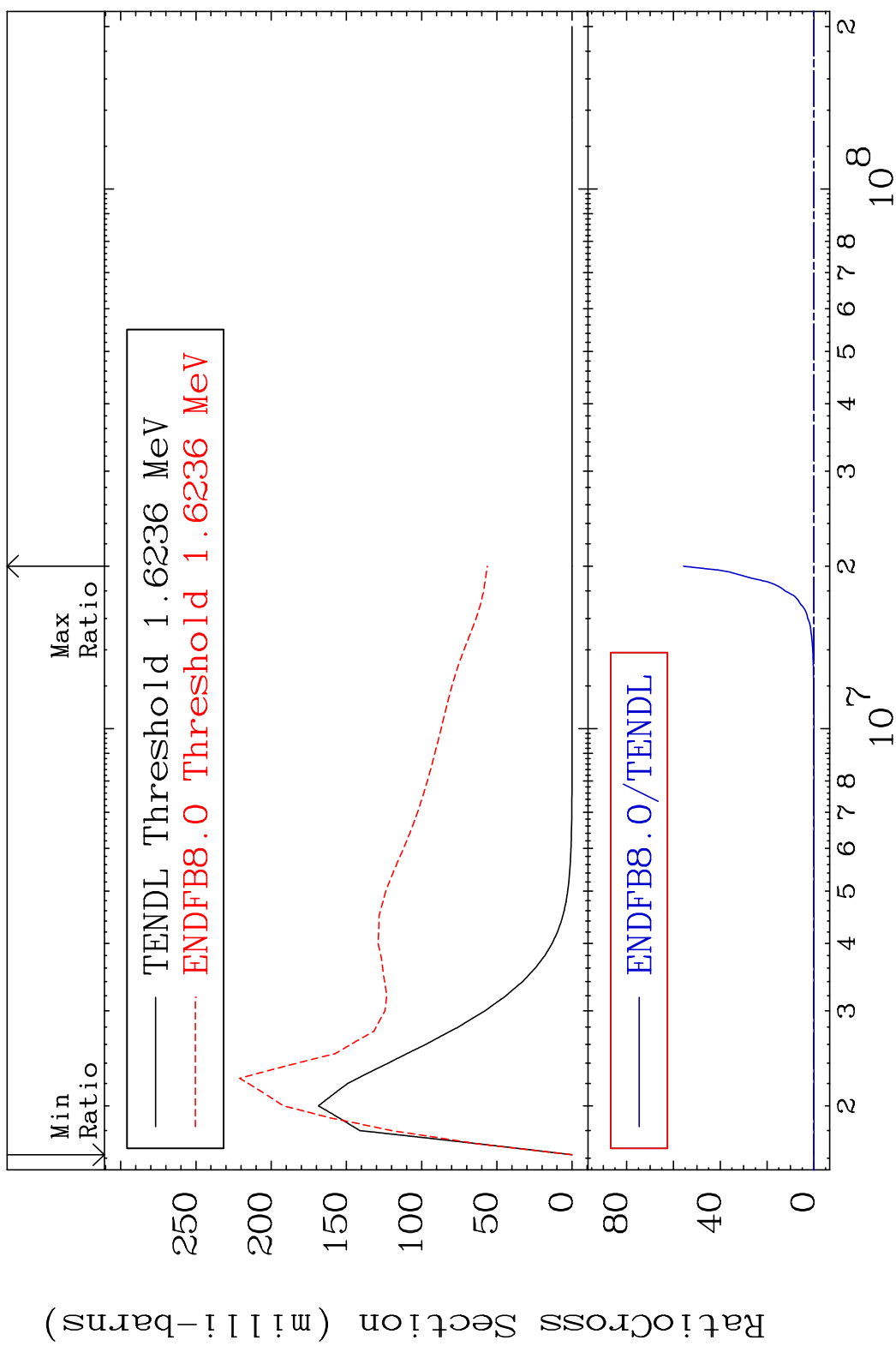
12 Incident Energy (eV) 42-Mo-100

MAT 4249 MT= 56 (n, n') Level 42-Mo-100
 Cross Section -73.12 To 9999. %



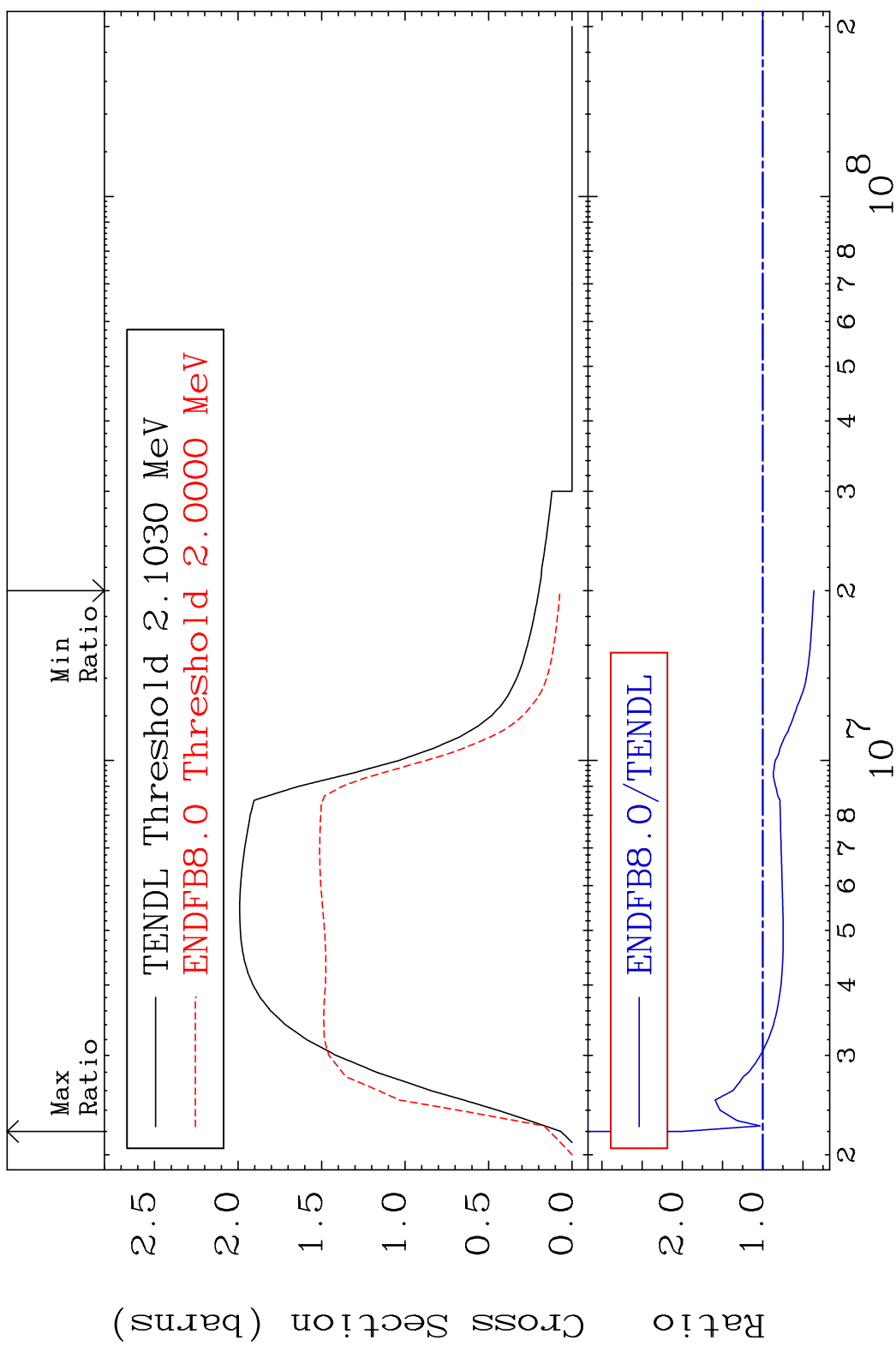
13 Incident Energy (eV) 42-Mo-100

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

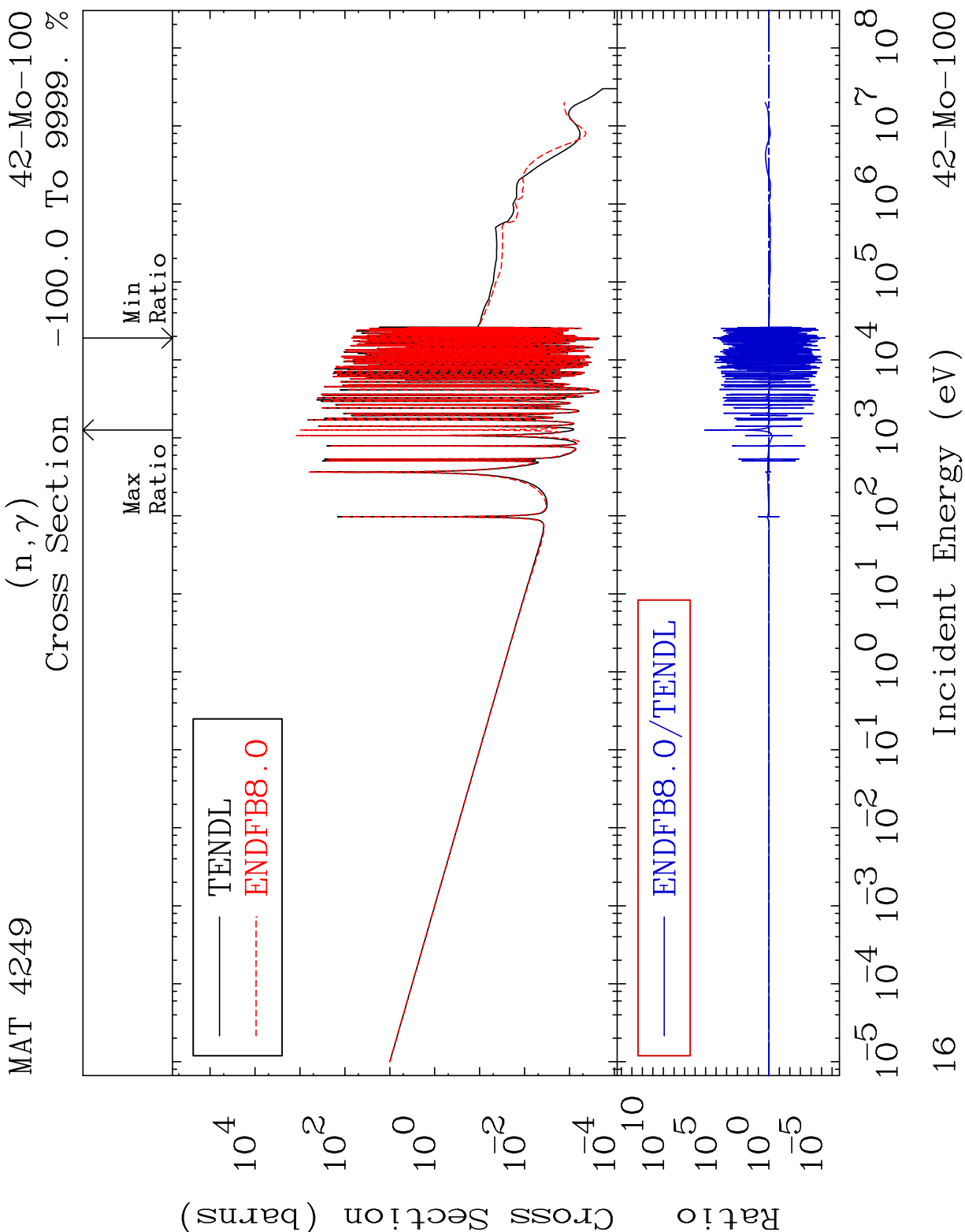


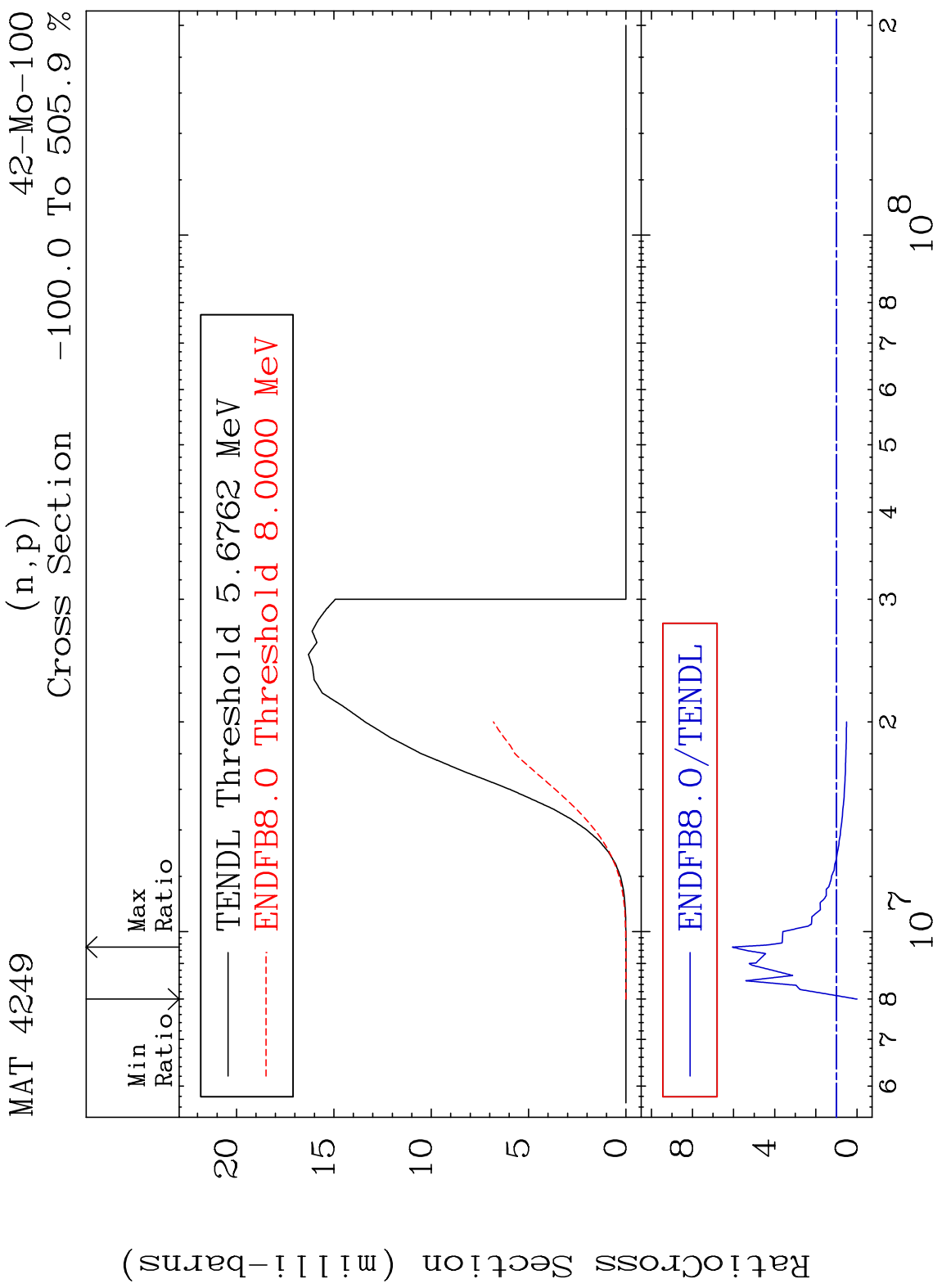
14 Incident Energy (eV) 42-Mo-100

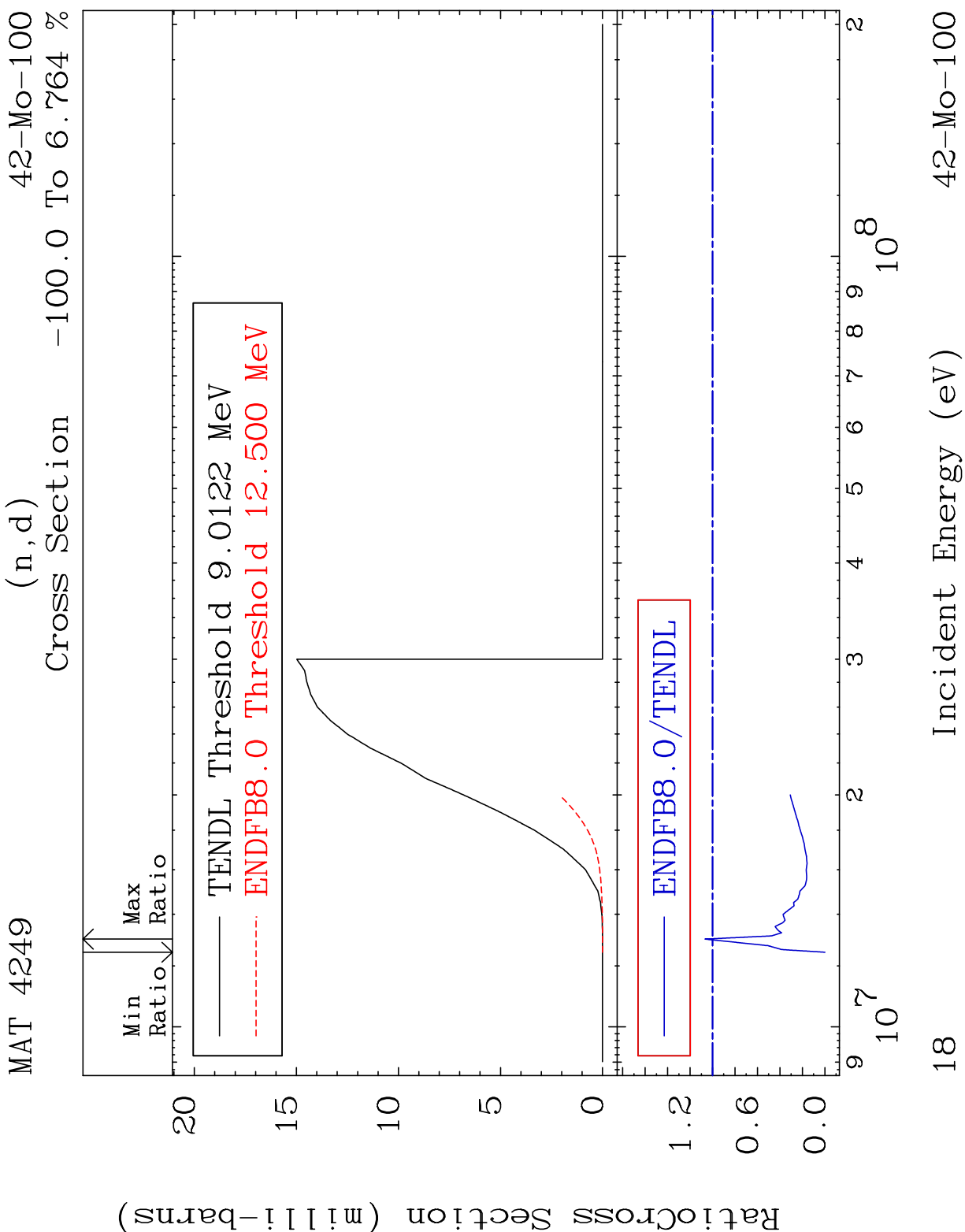
MAT 4249 (n, n') Continuum 42-Mo-100
 Cross Section -63.63 To 98.63 %



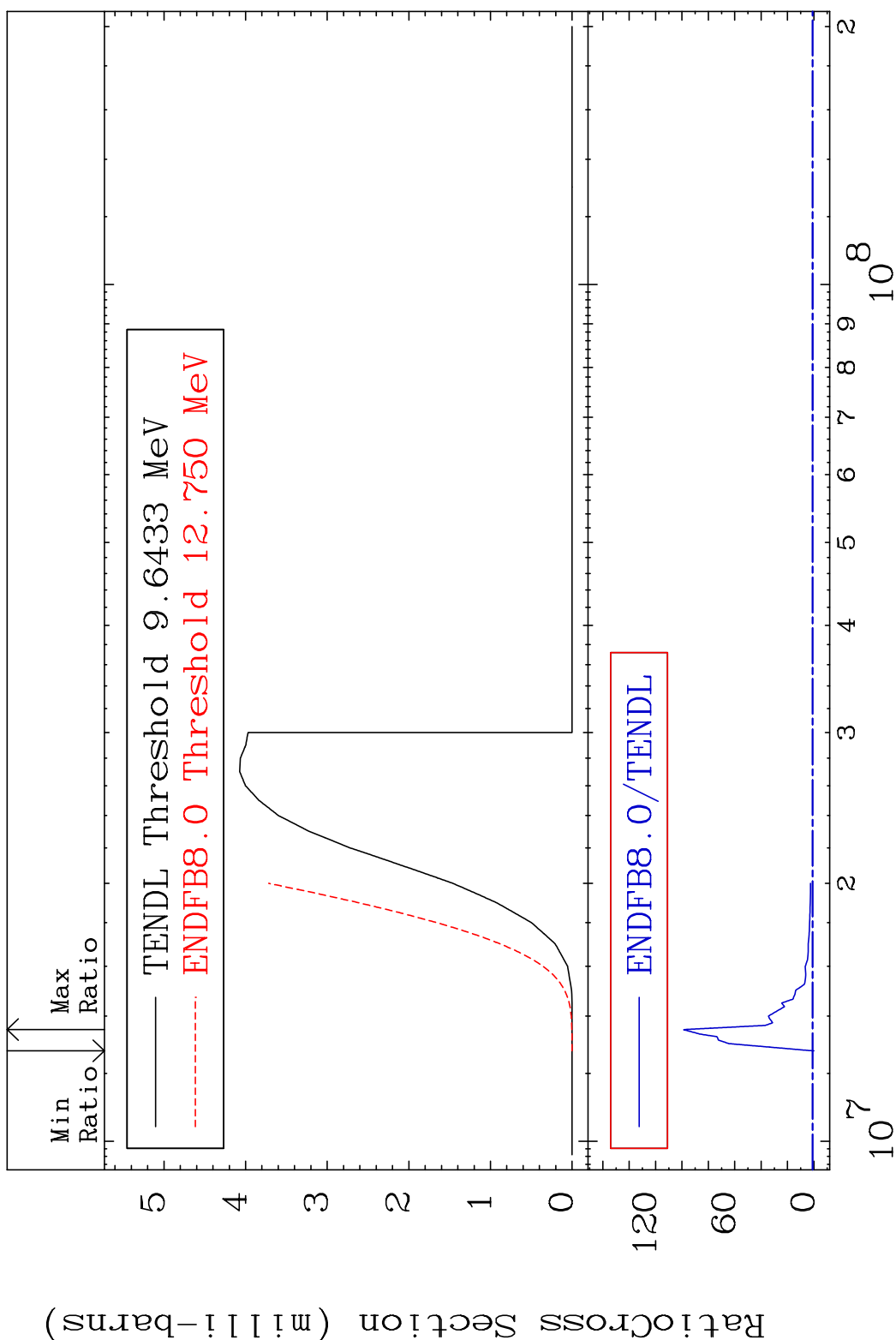
15 Incident Energy (eV) 42-Mo-100



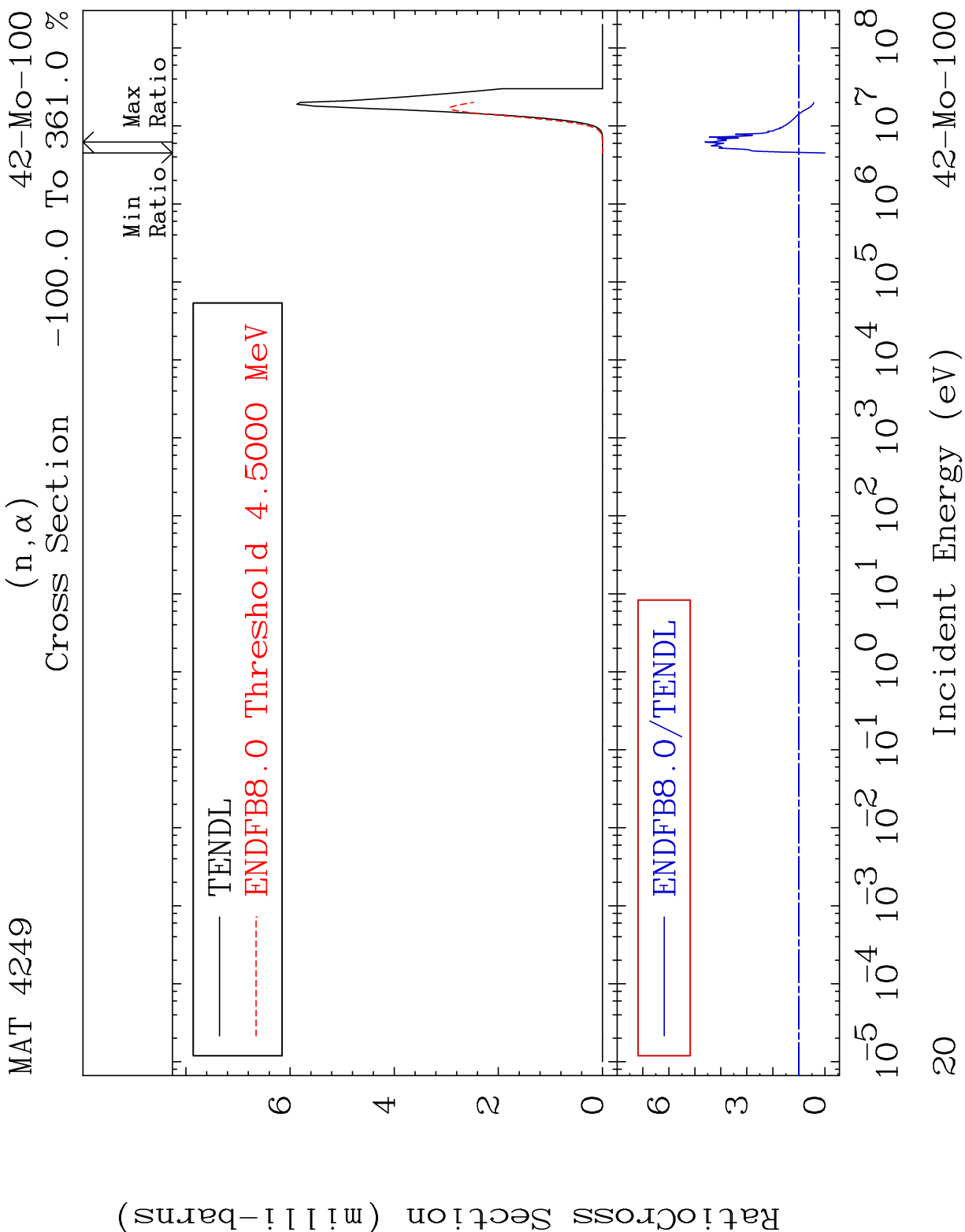




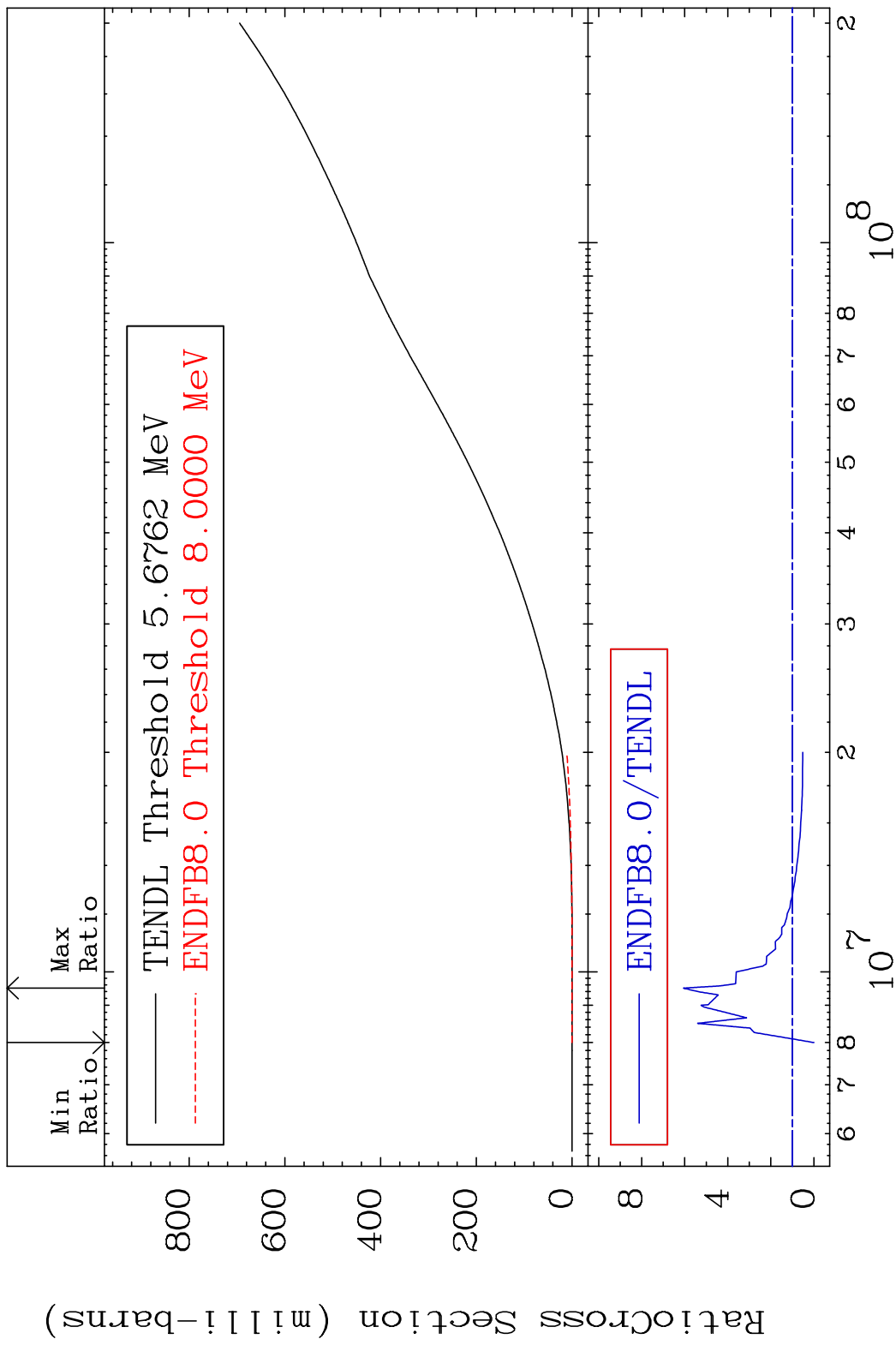
MAT 4249 (n, t) 42-Mo-100
 Cross Section -100.0 To 9787. %



19 42-Mo-100

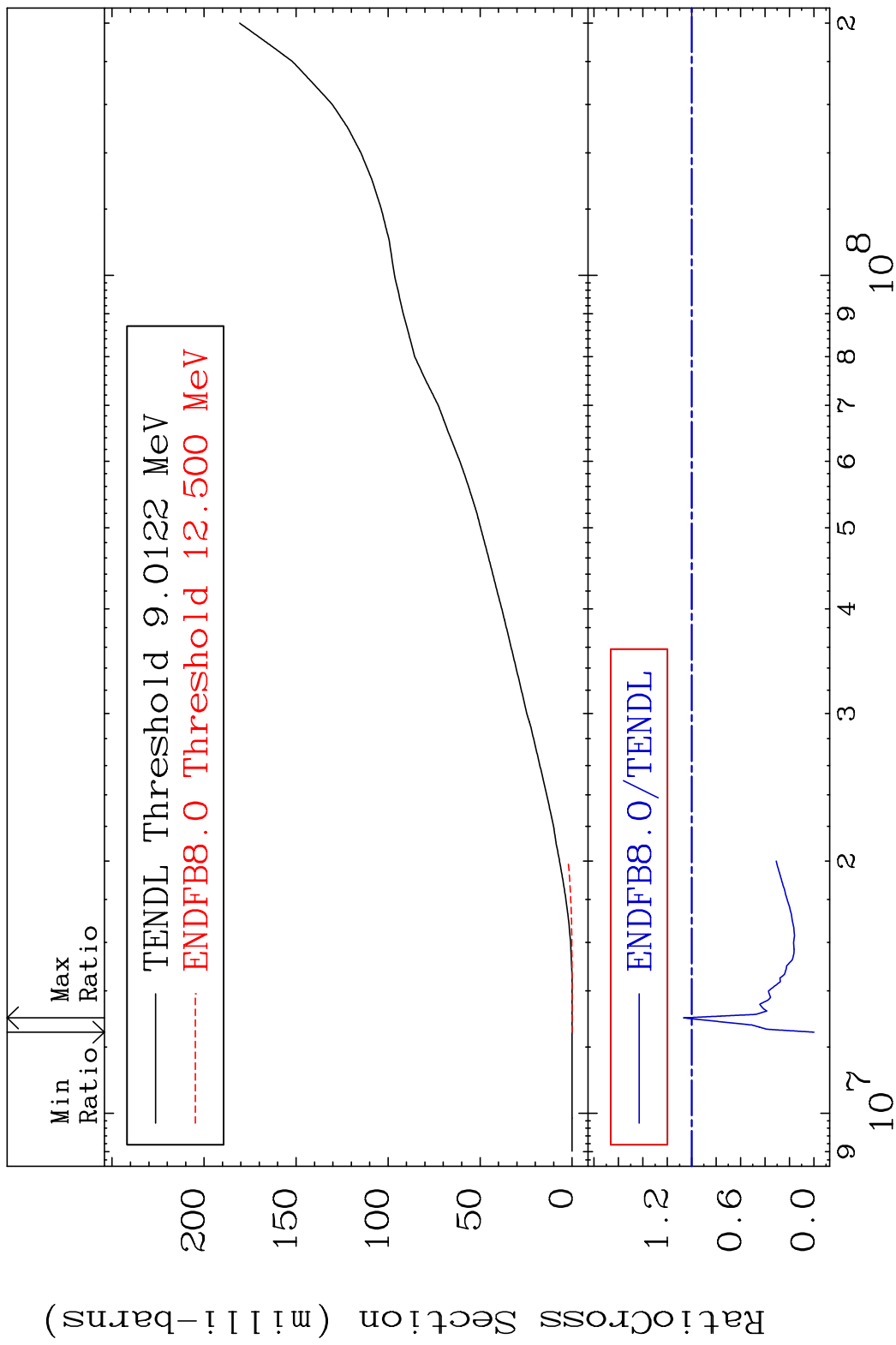


MAT 4249 Hydrogen Production 42-Mo-100
 Cross Section -100.0 To 505.9 %



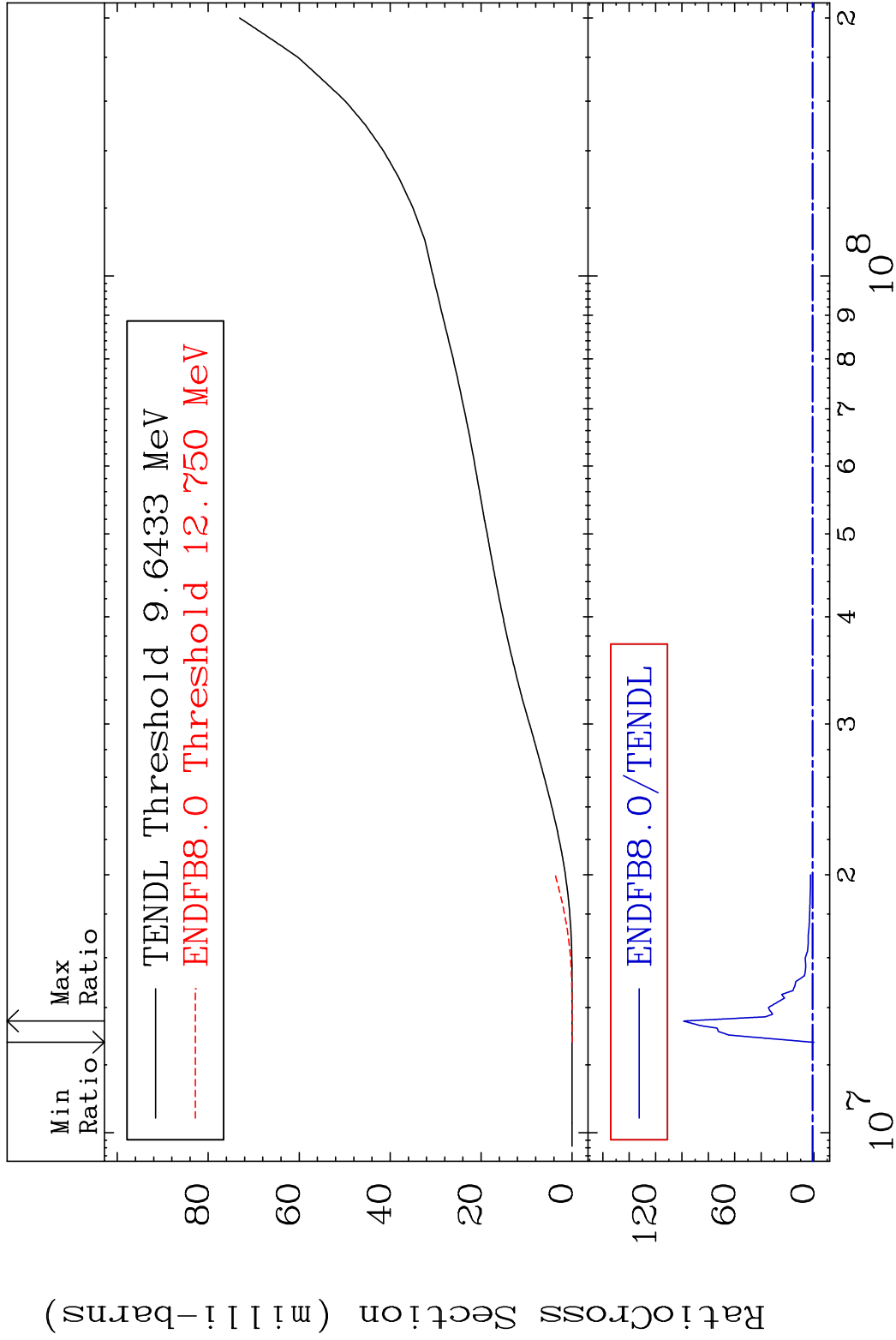
21 Incident Energy (eV) 42-Mo-100

MAT 4249 Deuterium Production 42-Mo-100
 Cross Section -100.0 To 6.764 %



22 42-Mo-100

MAT 4249 Tritium Production 42-Mo-100
 Cross Section -100.0 To 9787. %



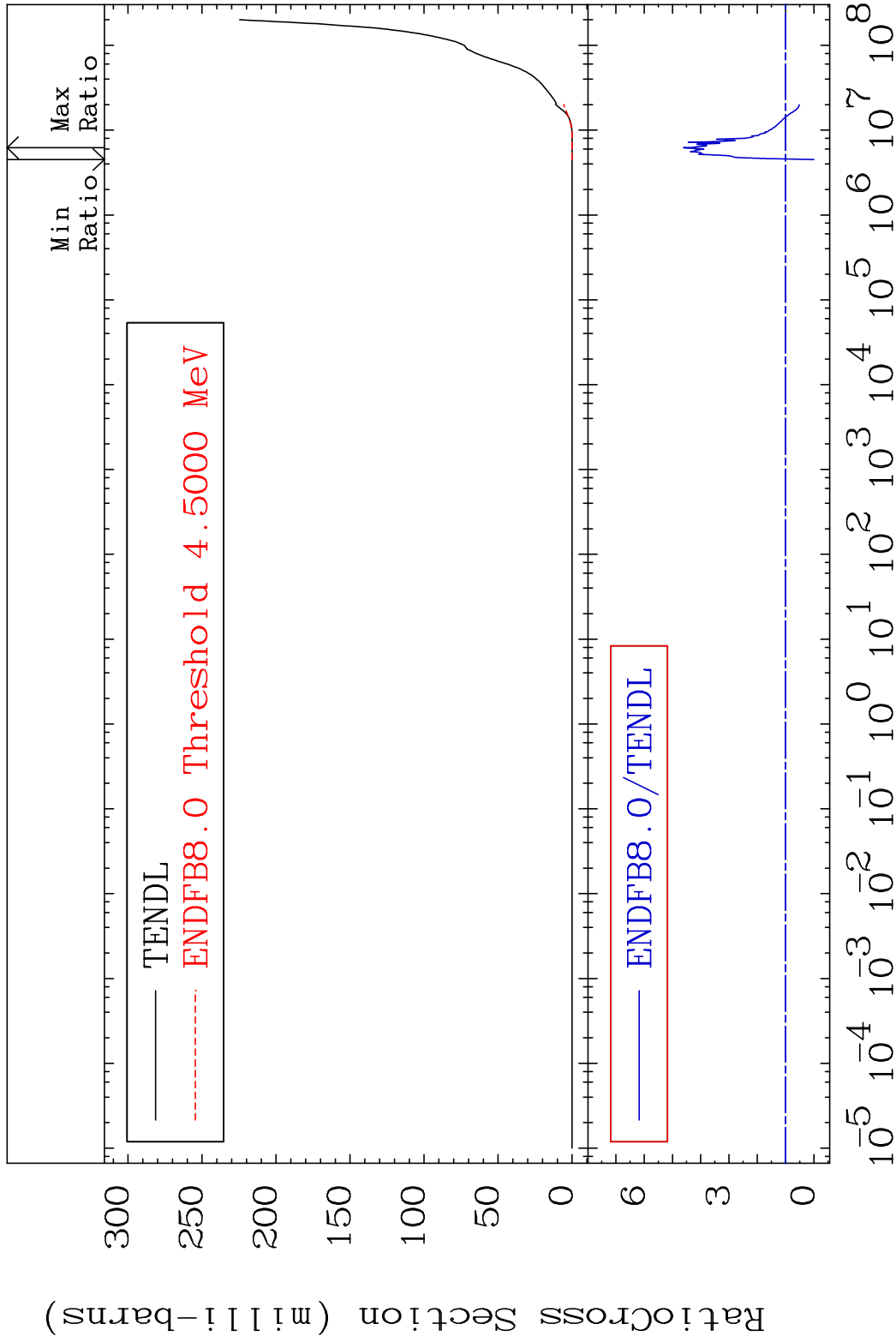
23 Incident Energy (eV) 42-Mo-100

MAT 4249

He-4 Production

42-Mo-100

Cross Section -100.0 To 361.0 %

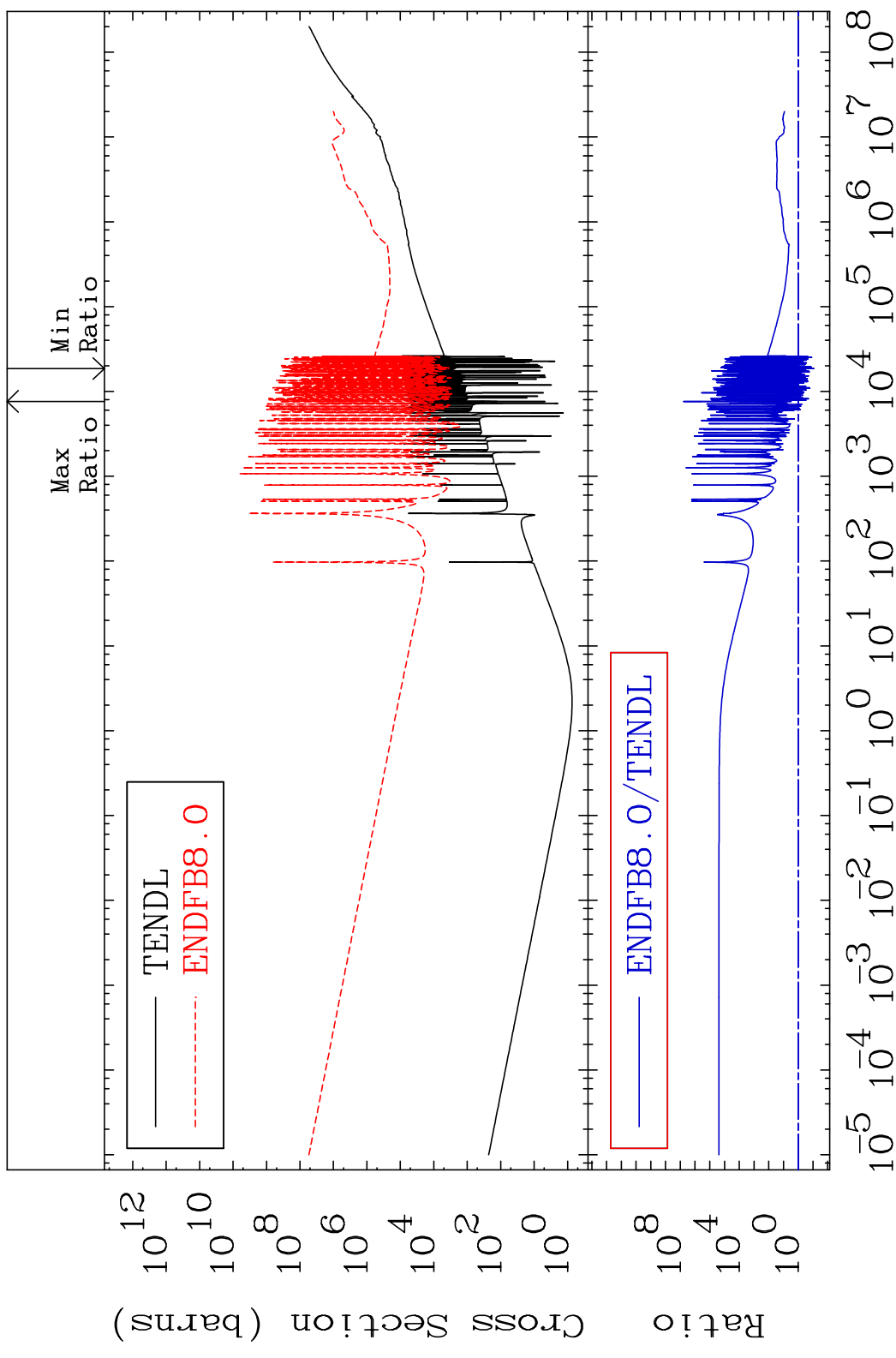


24

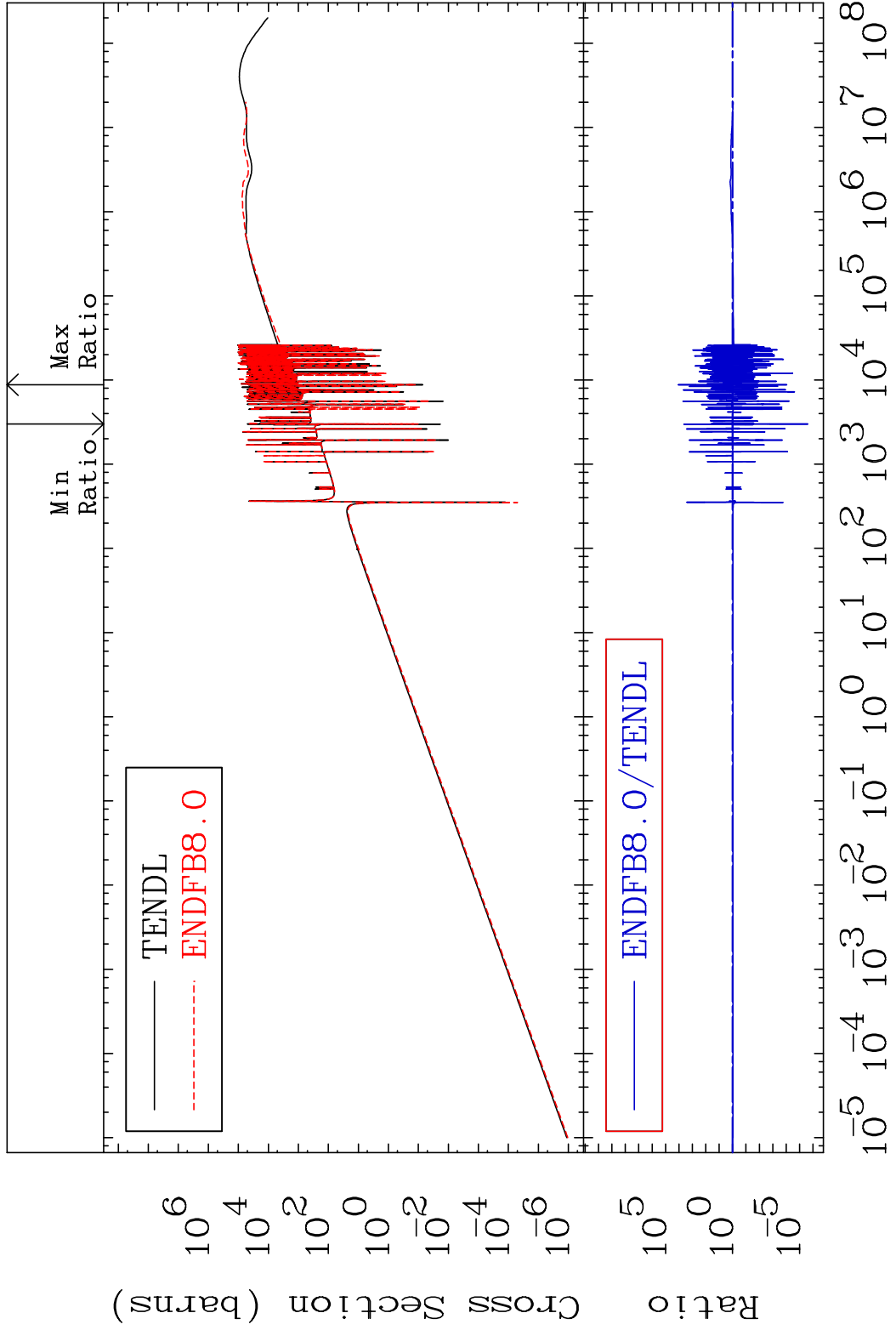
Incident Energy (eV)

42-Mo-100

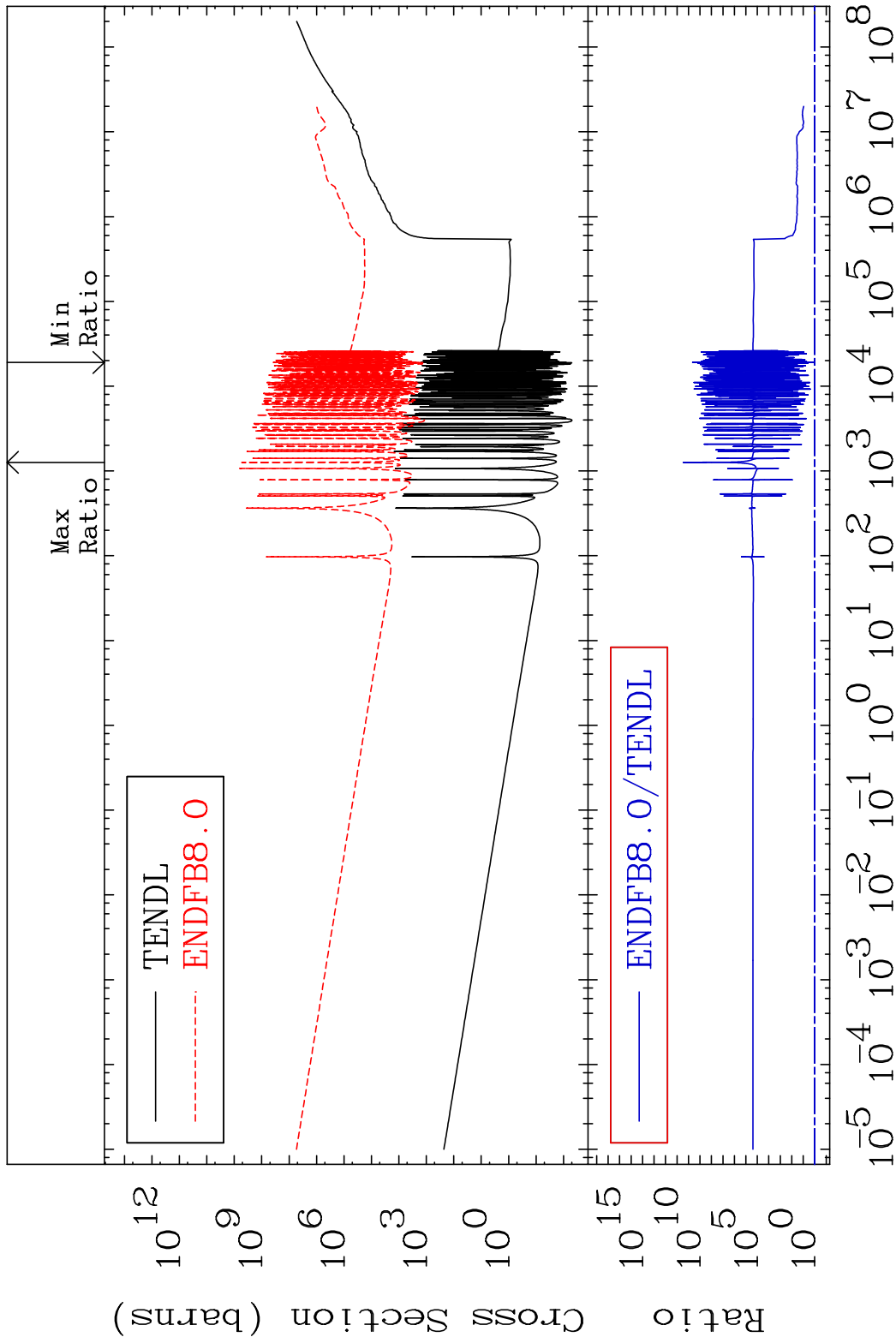
MAT 4249 Kerma total (eV-barns) 42-Mo-100
 Cross Section -91.32 To 9999. %



MAT 4249 Kerma elastic Cross Section -100.0 To 9999. % 42-Mo-100

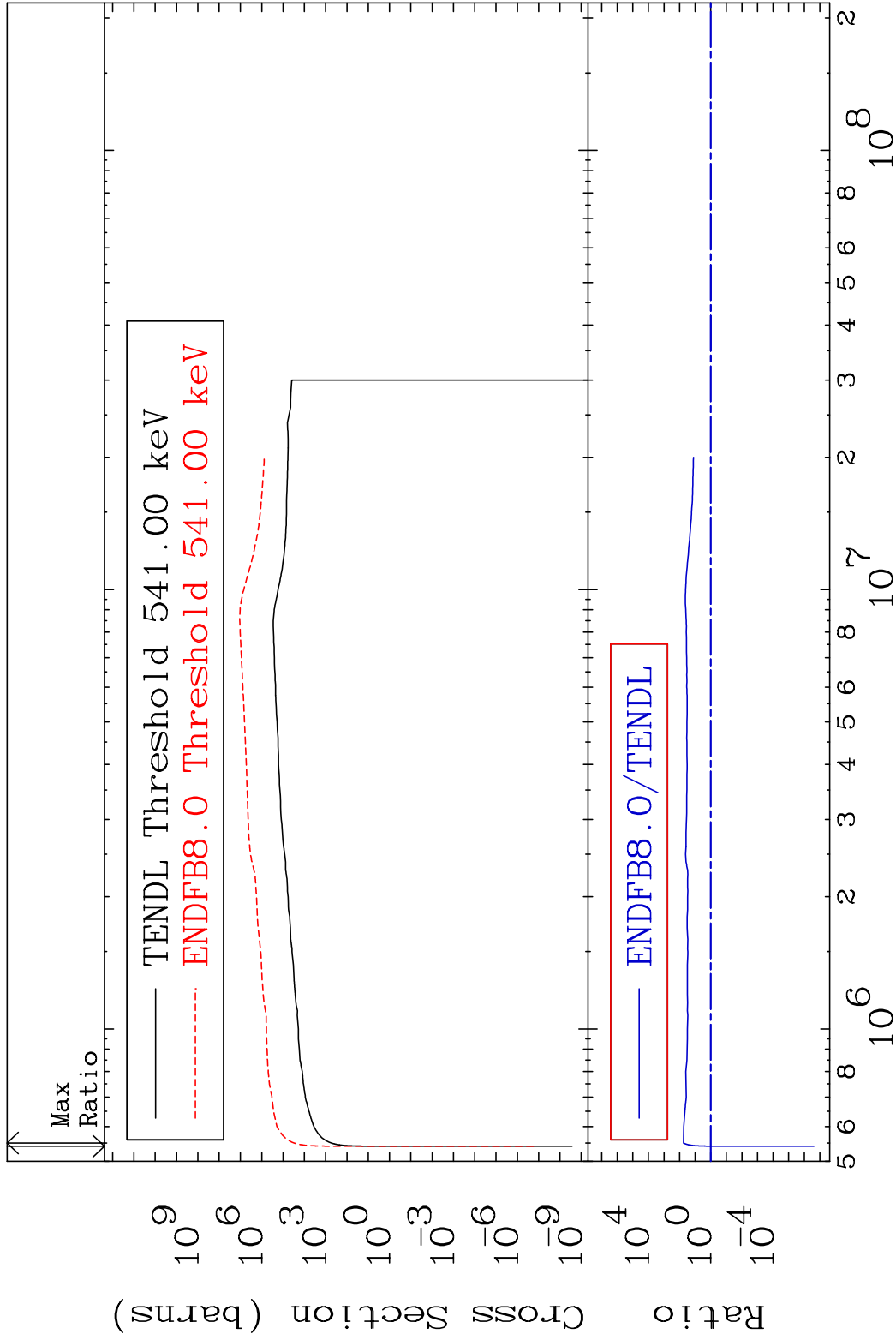


MAT 4249 Kerma non-elastic (all but mt2) 42-Mo-100
 Cross Section 17.84 To 9999. %



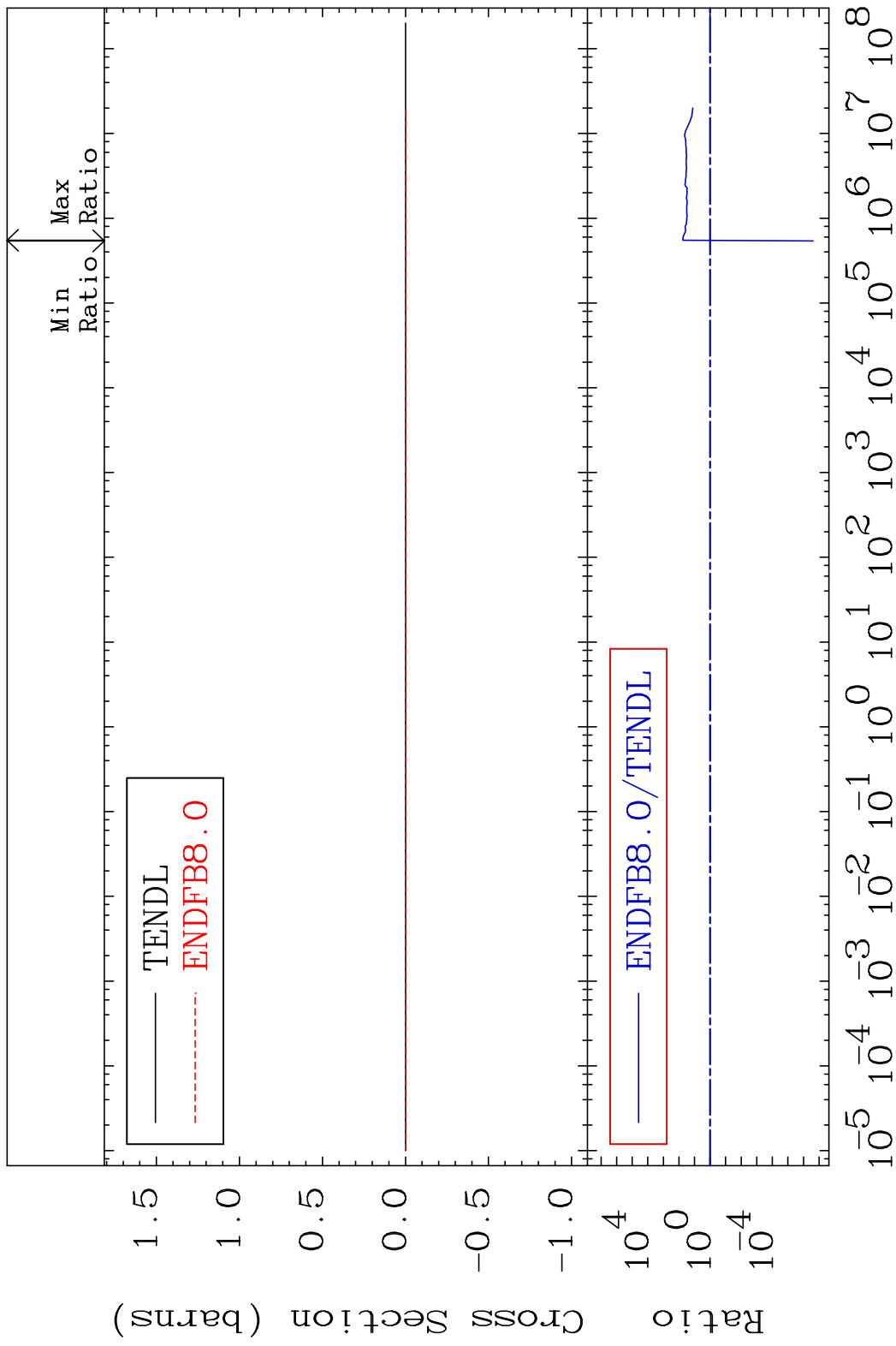
27 Incident Energy (eV) 42-Mo-100

MAT 4249 Kerma inelastic (mt51-91) 42-Mo-100
 Cross Section -100.0 To 5524. %

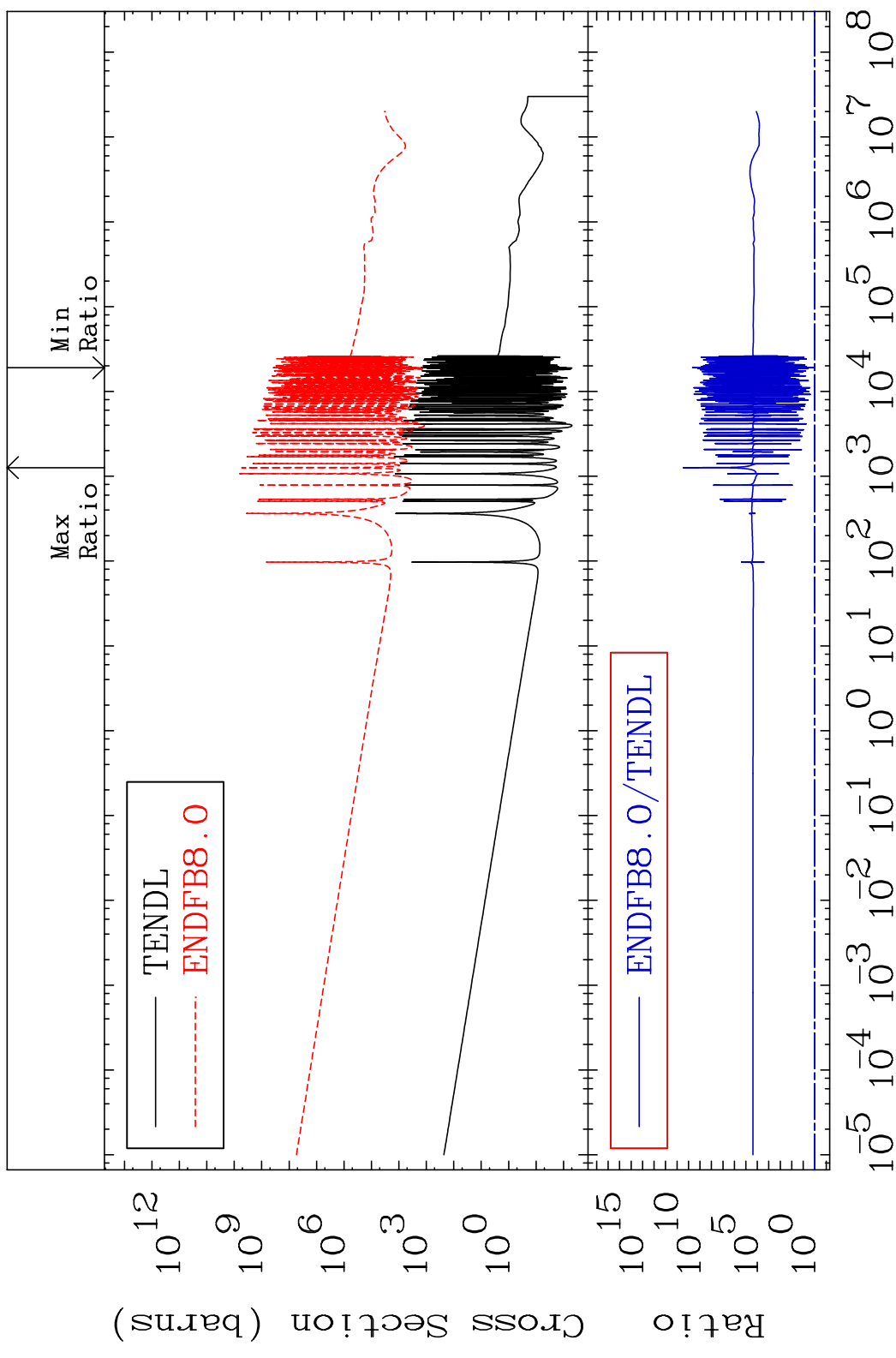


28 42-Mo-100

MAT 4249 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-100
 Cross Section -100.0 To 5524. %

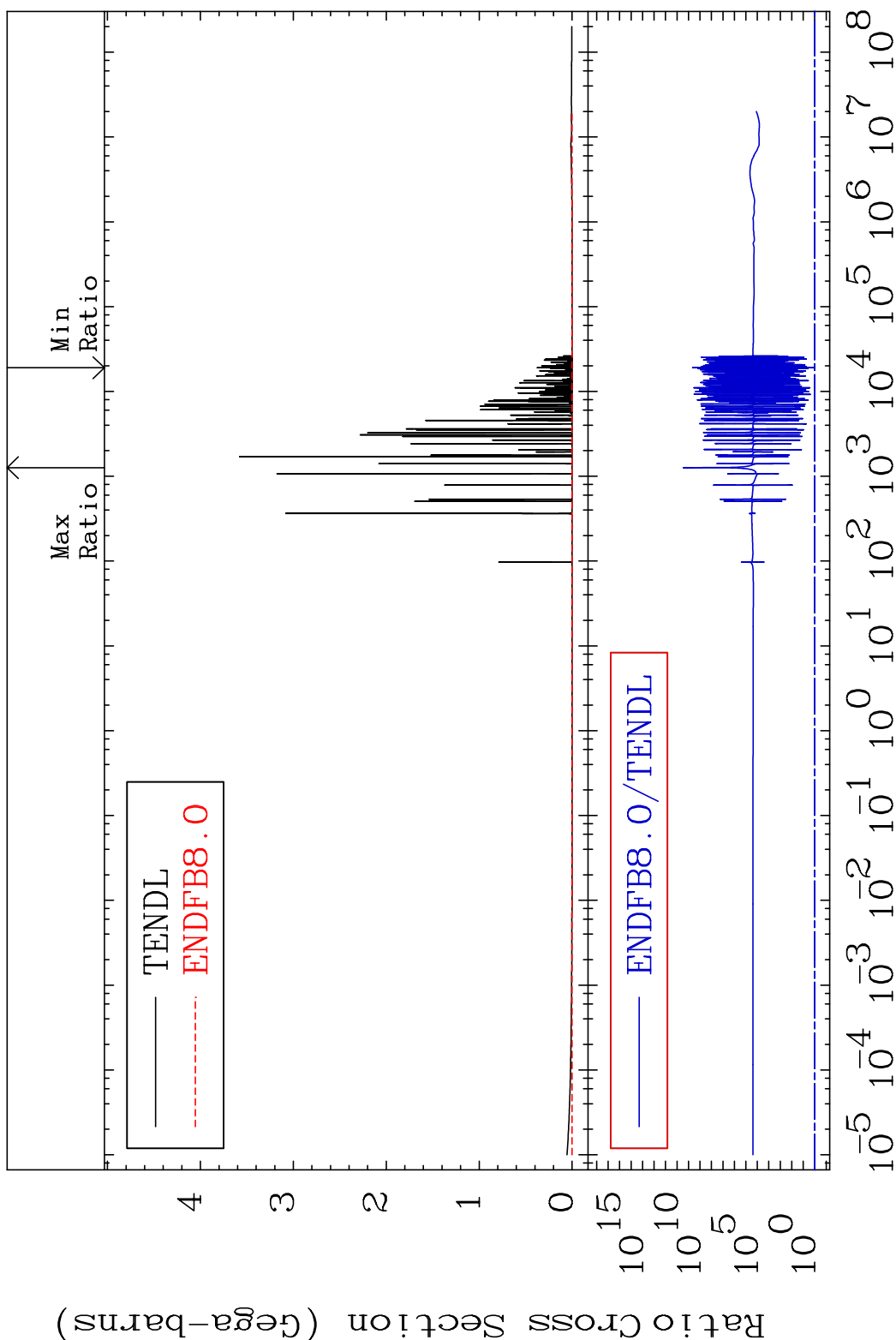


MAT 4249 Kerma capture (mt102) 42-Mo-100
 Cross Section 17.84 To 9999. %



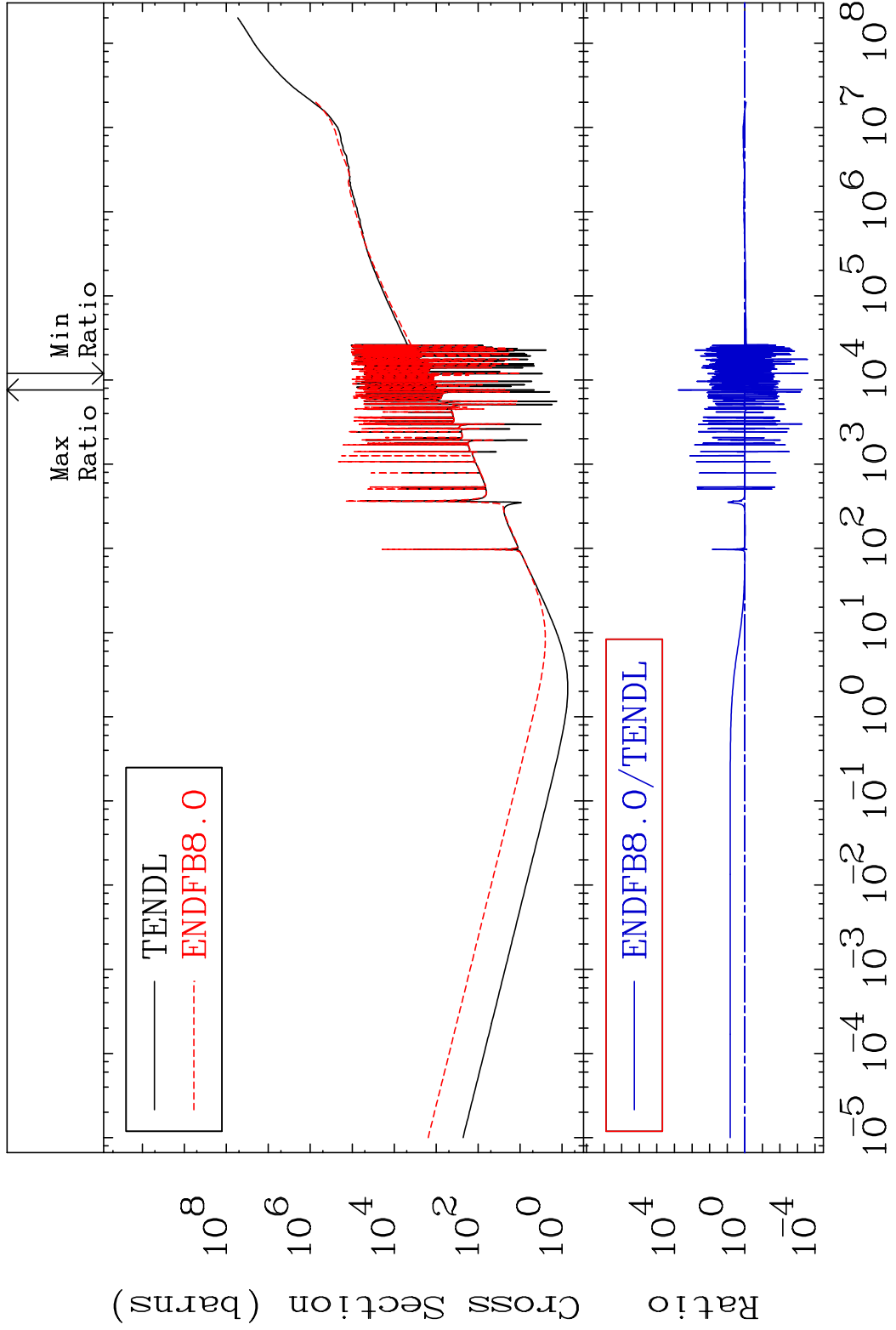
30 Incident Energy (eV) 42-Mo-100

MAT 4249 Total photon (eV-barns) 42-Mo-100
 Cross Section 17.84 To 9999. %

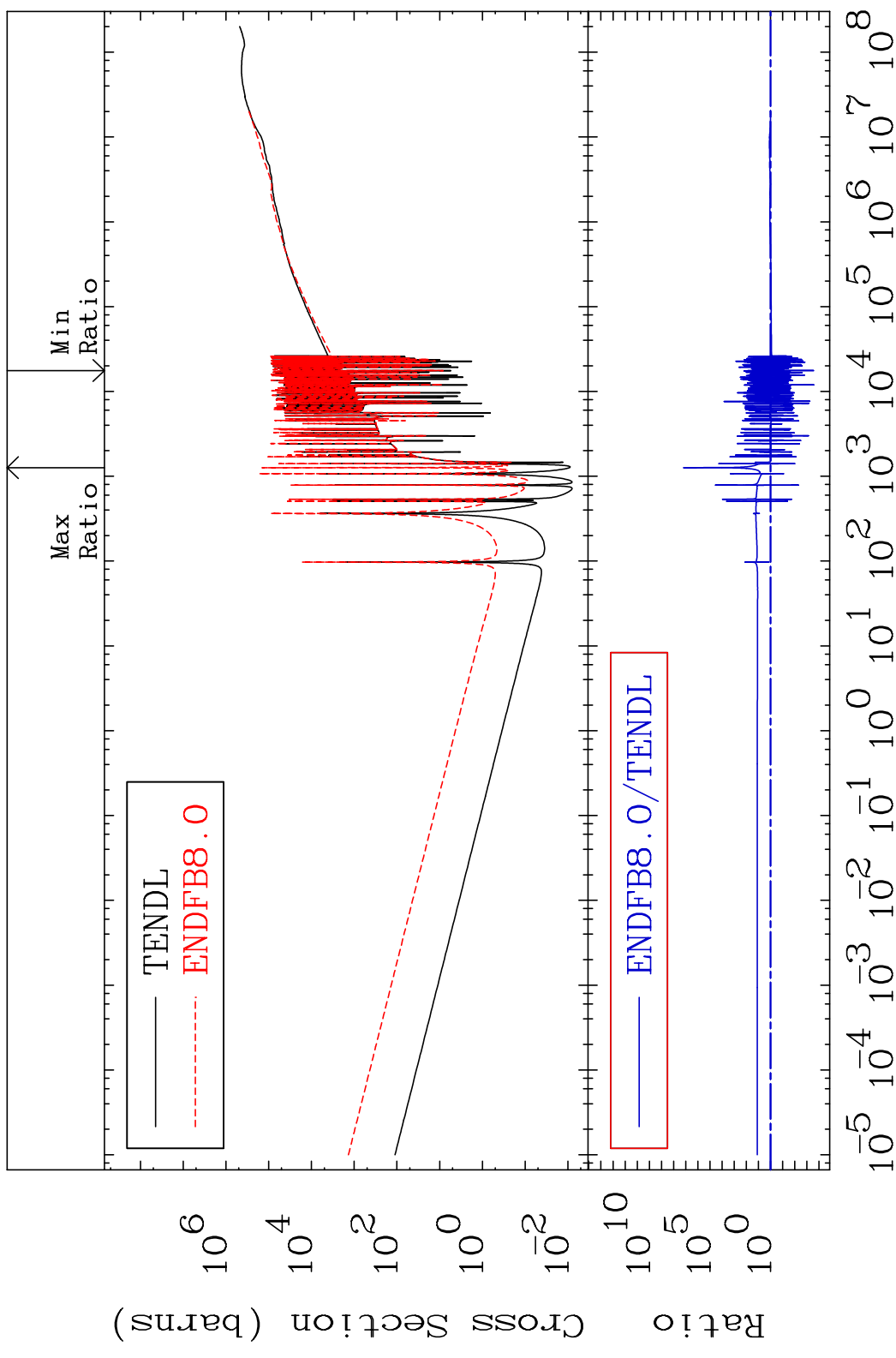


31 Incident Energy (eV) 42-Mo-100

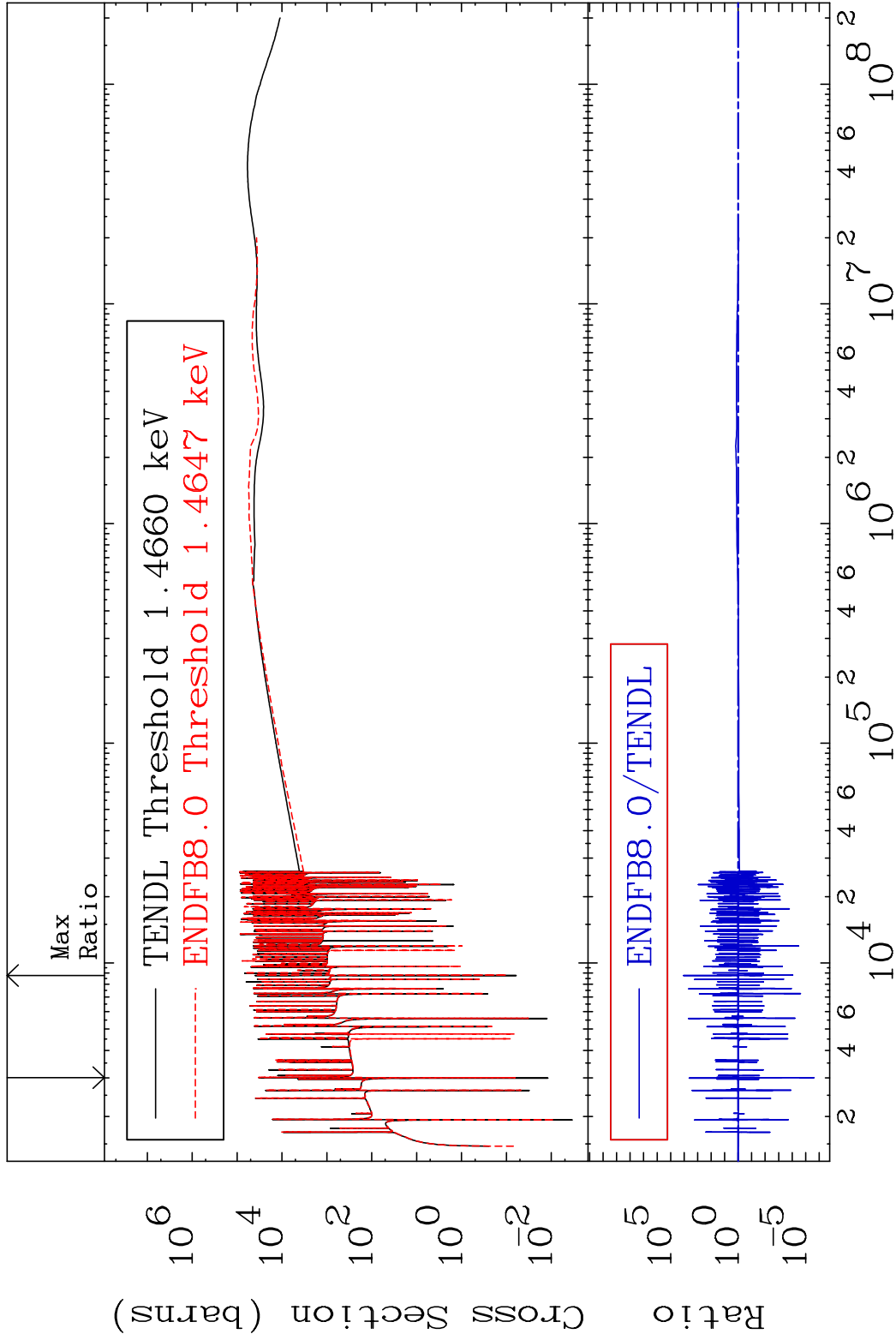
MAT 4249 Total kinematic kerma (high limit) 42-Mo-100
 Cross Section -99.97 To 9999. %



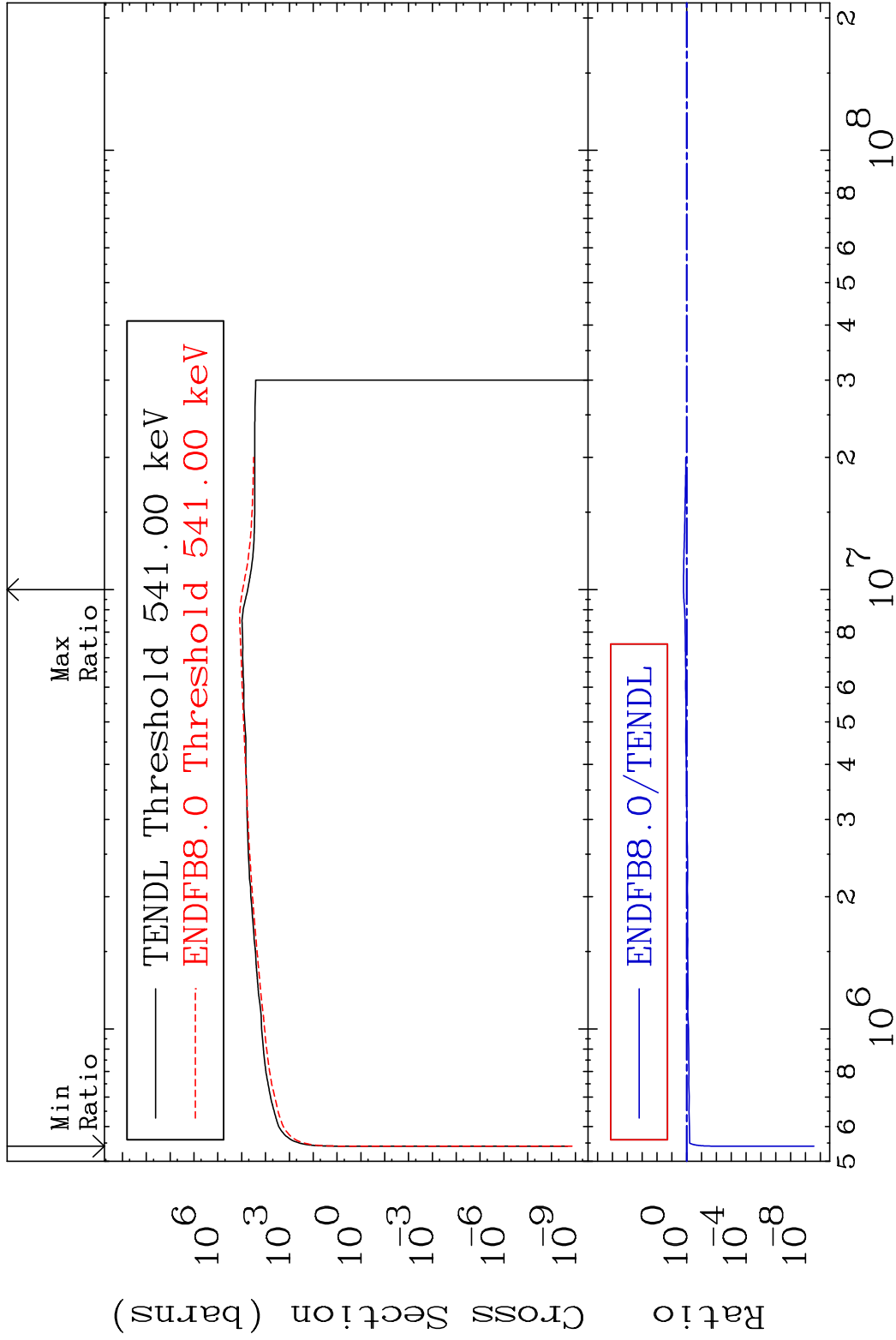
MAT 4249 Dpa total (eV-barns) 42-Mo-100
 Cross Section -99.97 To 9999. %



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 62.57 %



35 Incident Energy (eV) 42-Mo-100

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

