

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

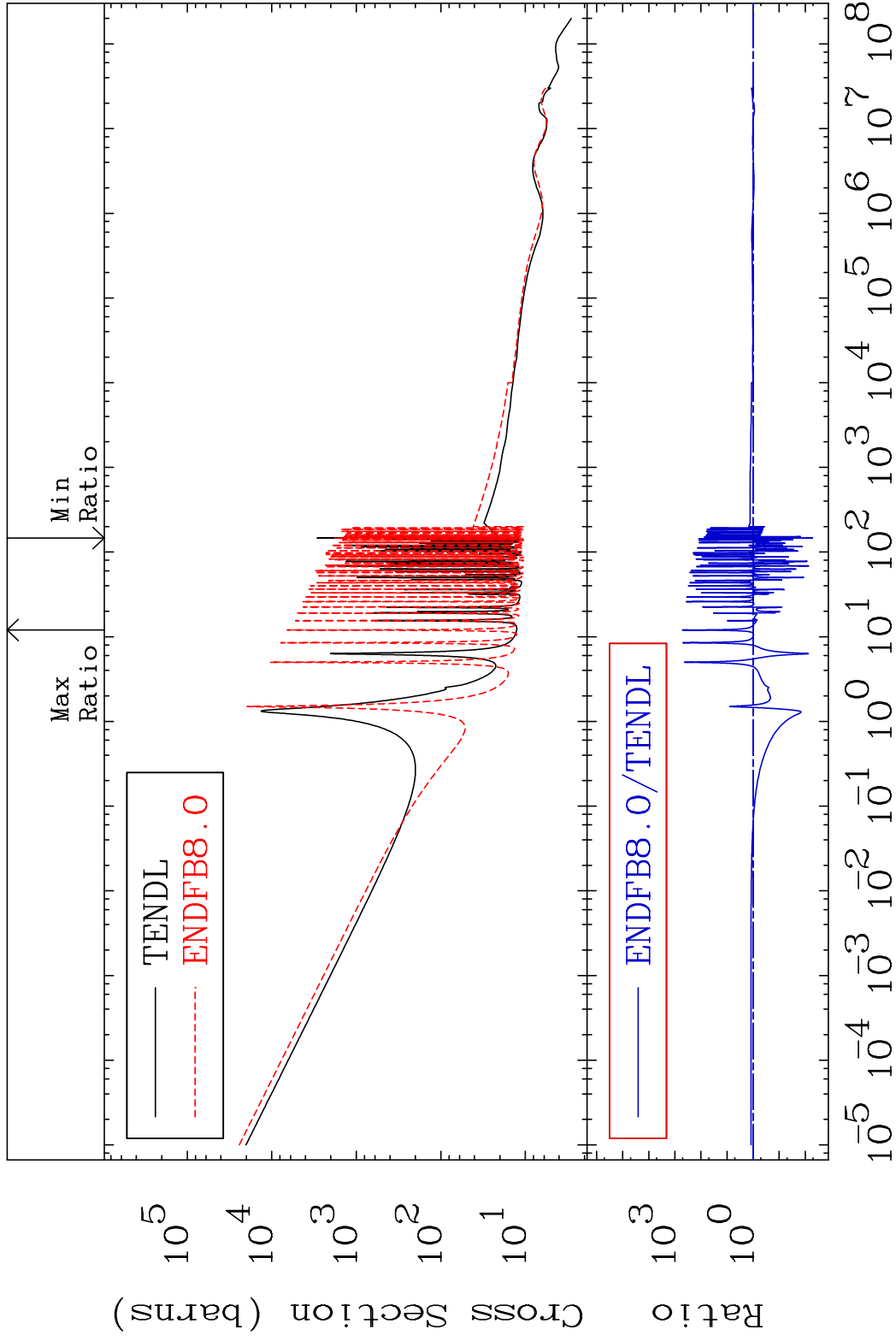
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9234

92-U -237

Total Cross Section -99.47 To 9999. %



1

Incident Energy (eV)

92-U -237

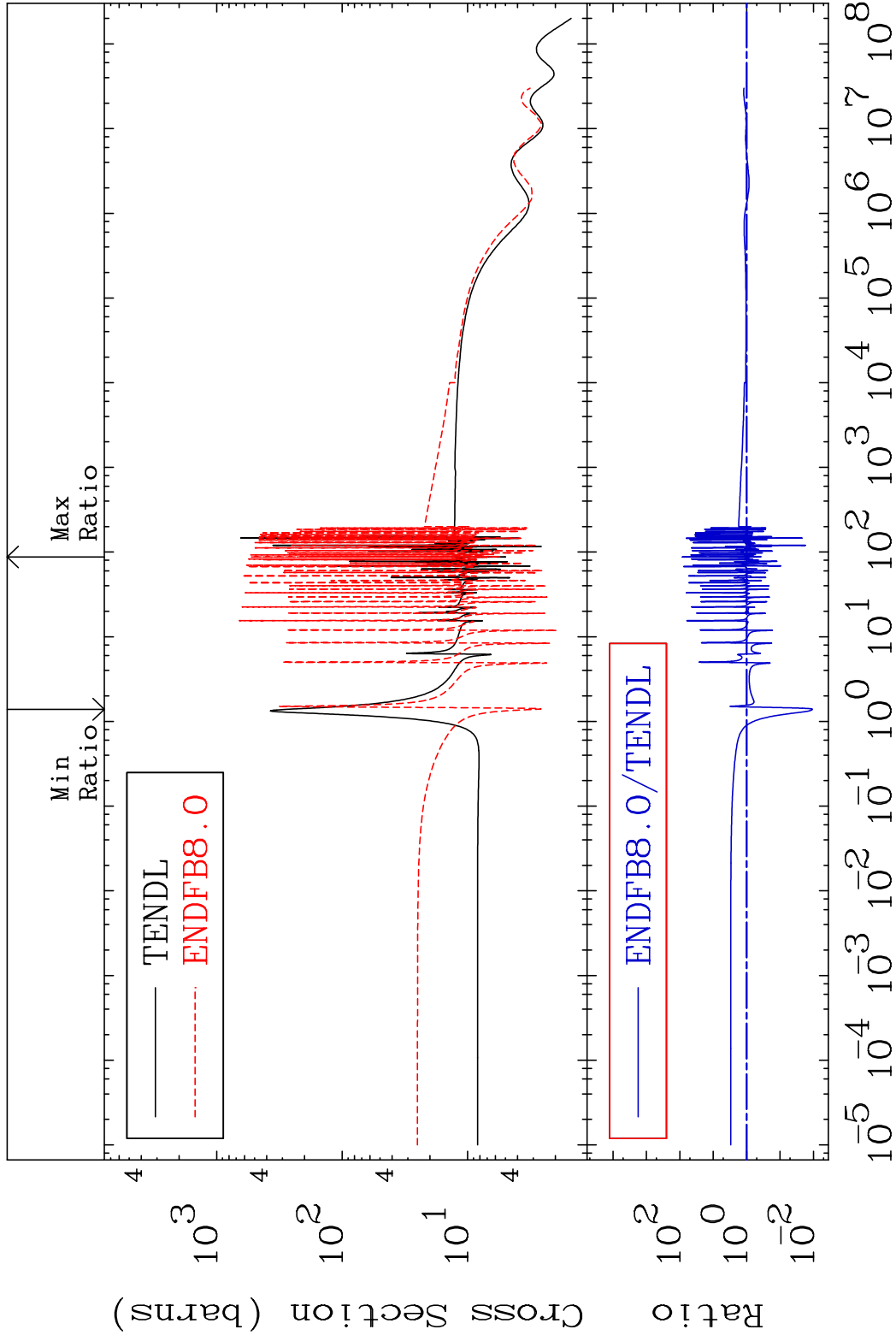
MAT 9234

Elastic

92-U -237

Cross Section

-98.94 To 8302. %

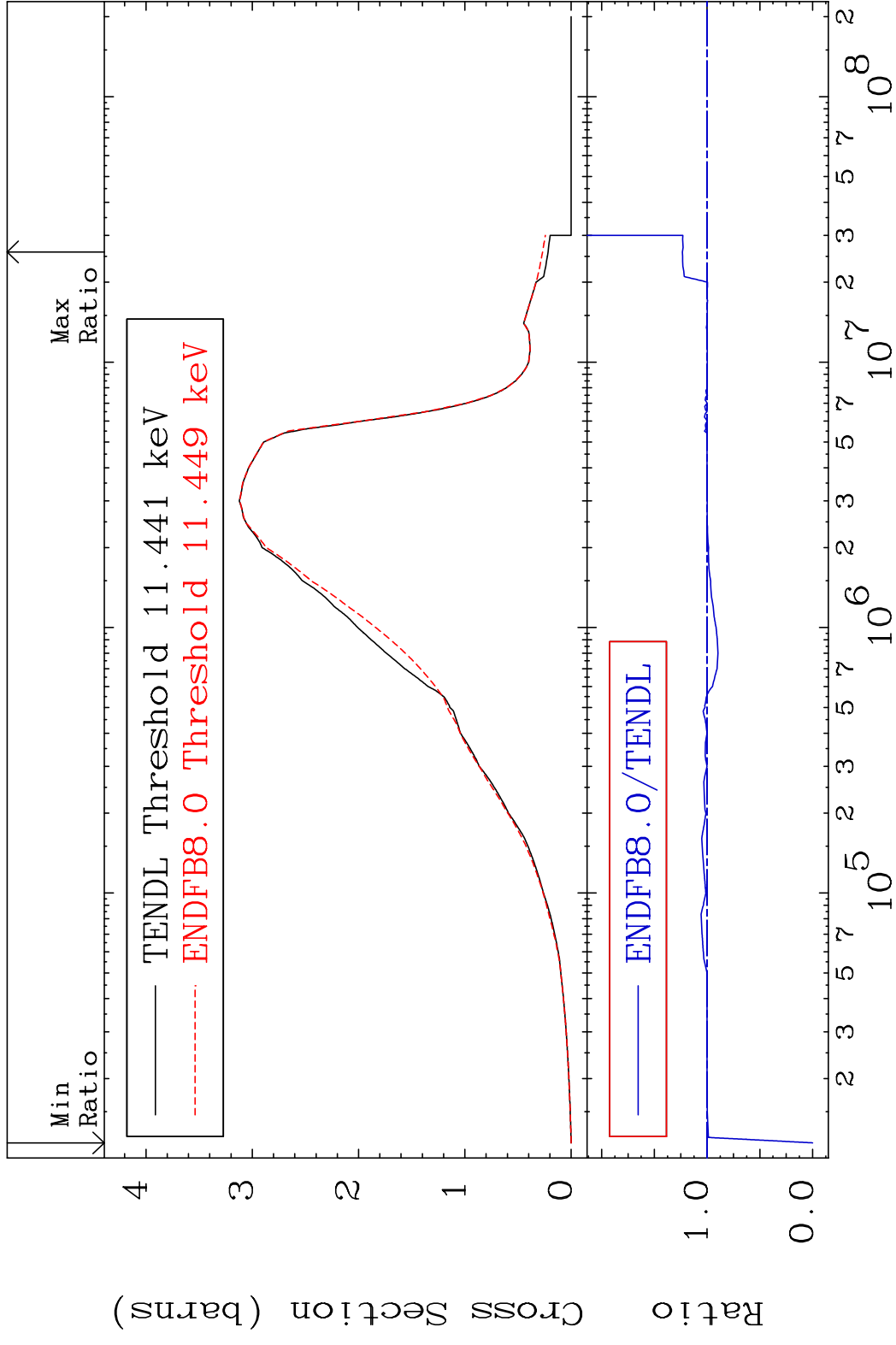


2

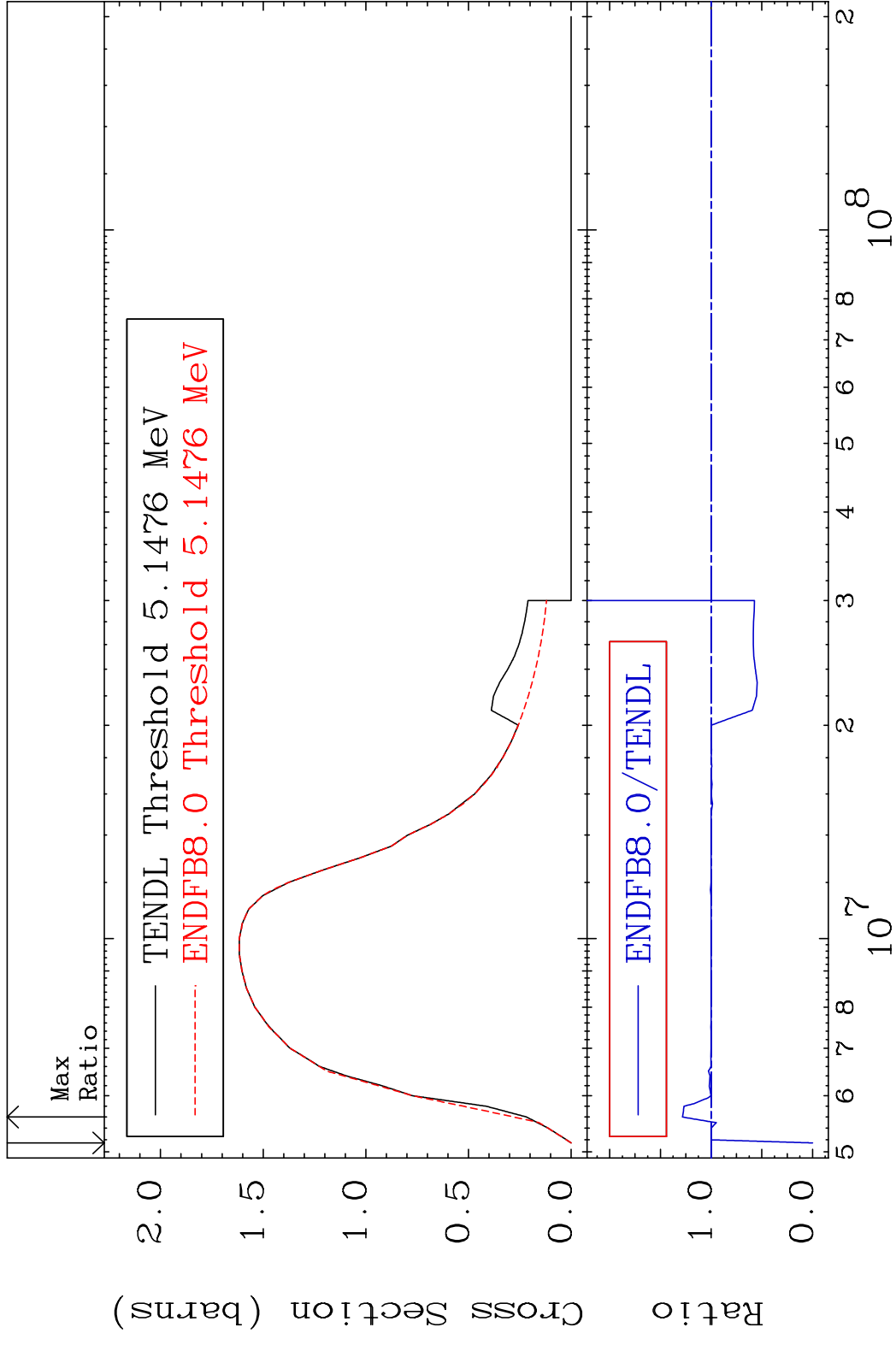
Incident Energy (eV)

92-U -237

MAT 9234 Inelastic 92-U -237
 Cross Section -100.0 To 23.49 %



MAT 9234 (n,2n) 92-U -237
 Cross Section -100.0 To 28.36 %



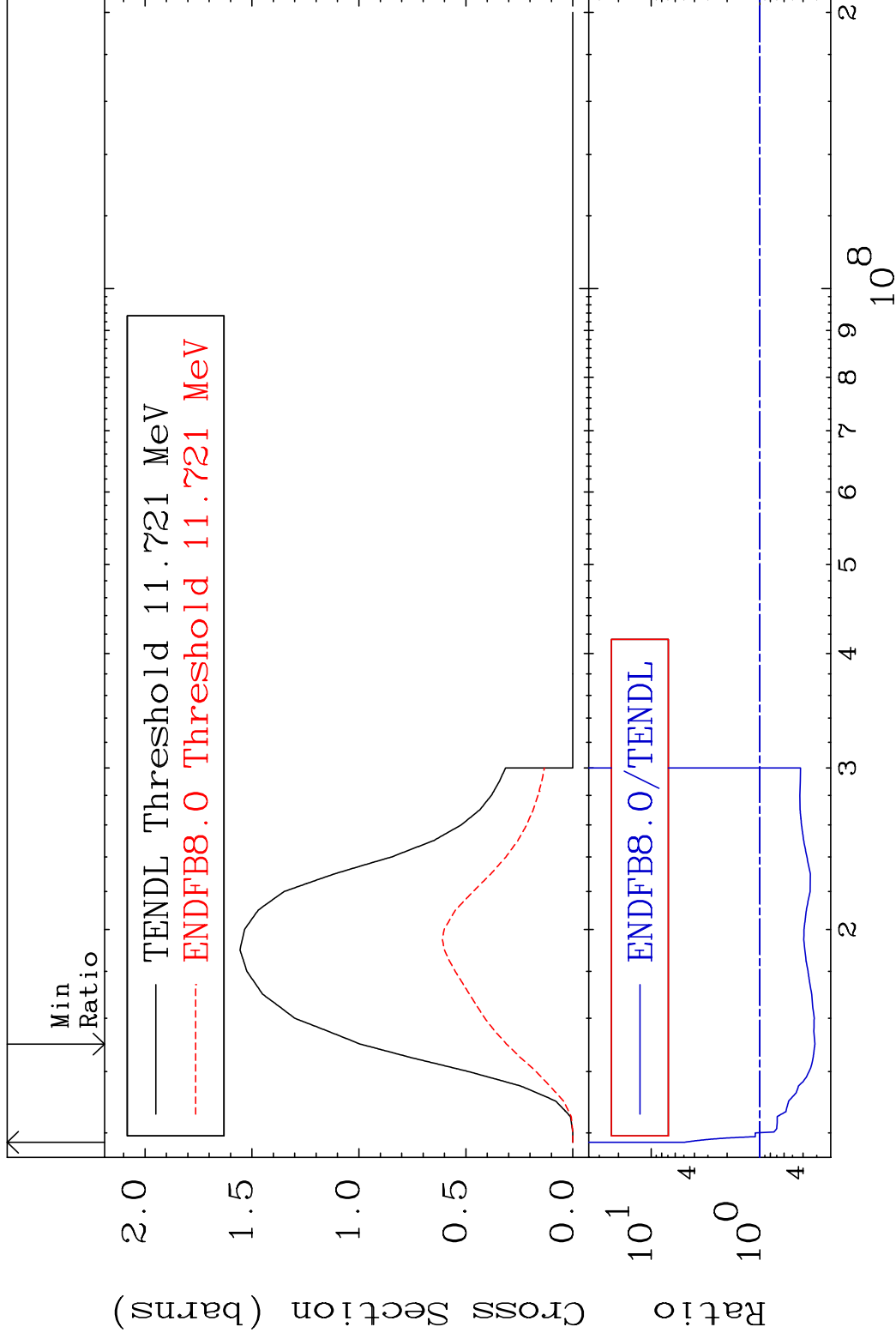
4 Incident Energy (eV) 92-U -237

MAT 9234

(n,3n)

92-U -237

Cross Section -68.85 To 395.3 %



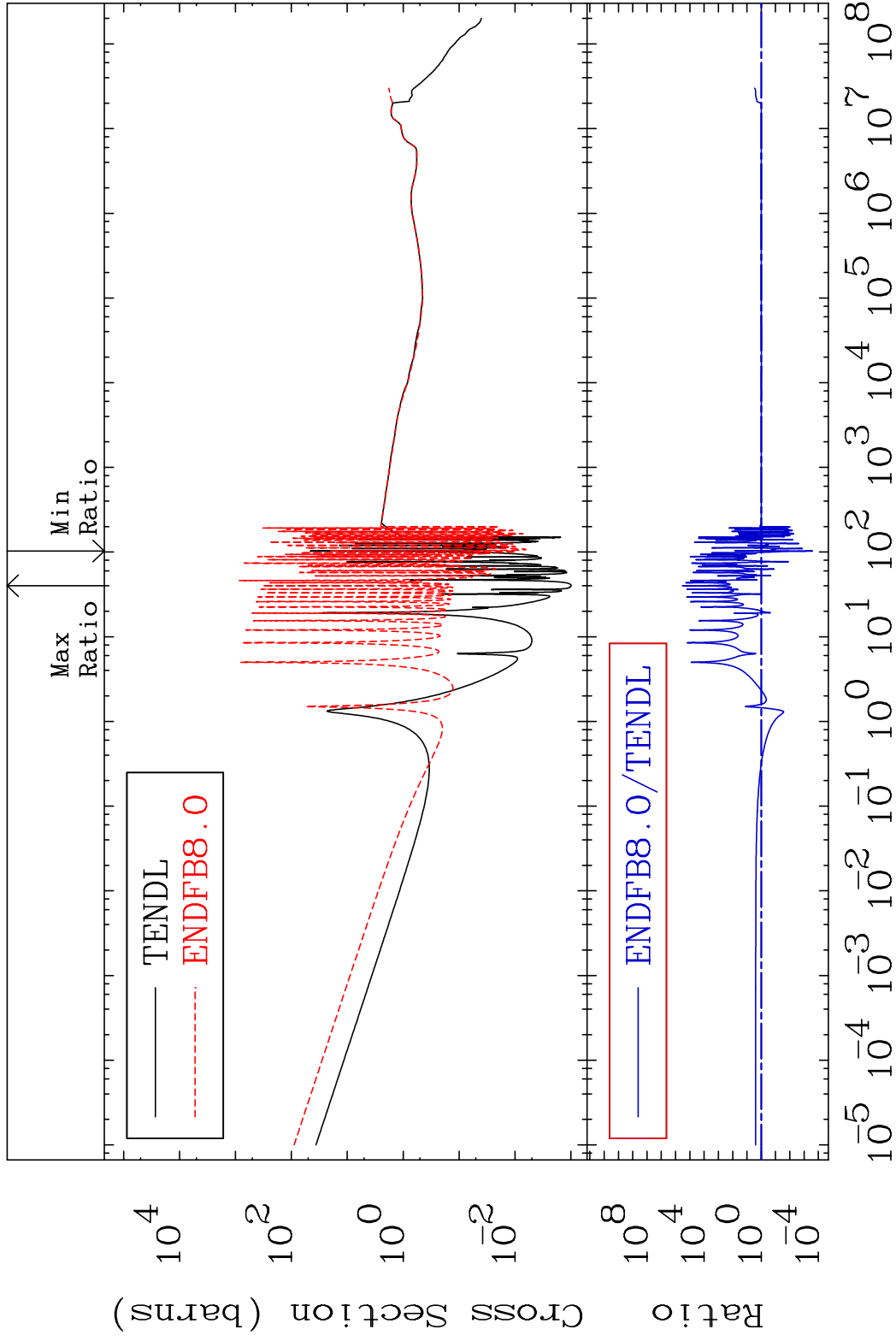
5

Incident Energy (eV)

92-U -237

MAT 9234

Fission 92-U -237
Cross Section -99.97 To 9999. %

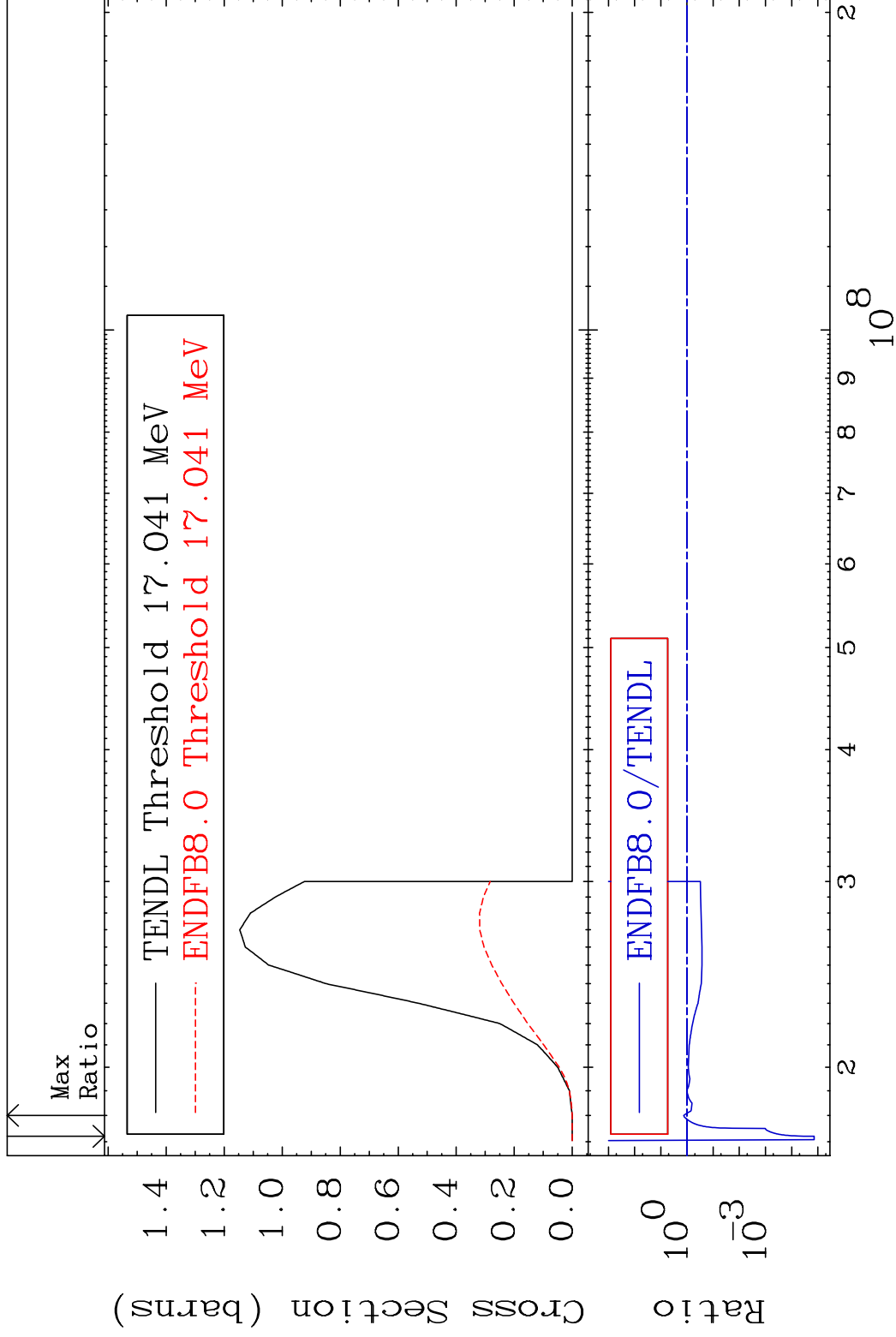


MAT 9234

(n,4n)

92-U -237

Cross Section -100.0 To 34.18 %

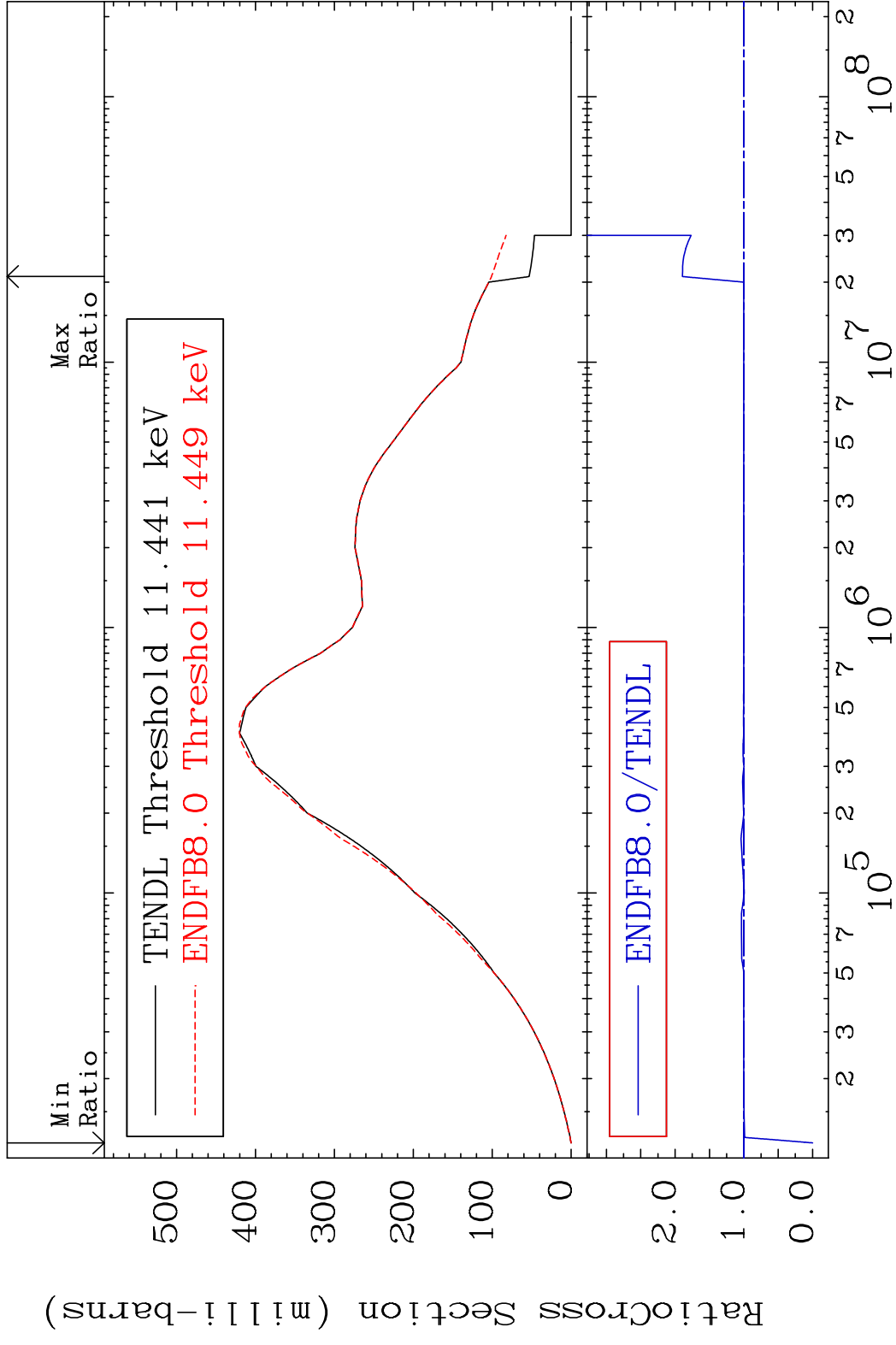


7

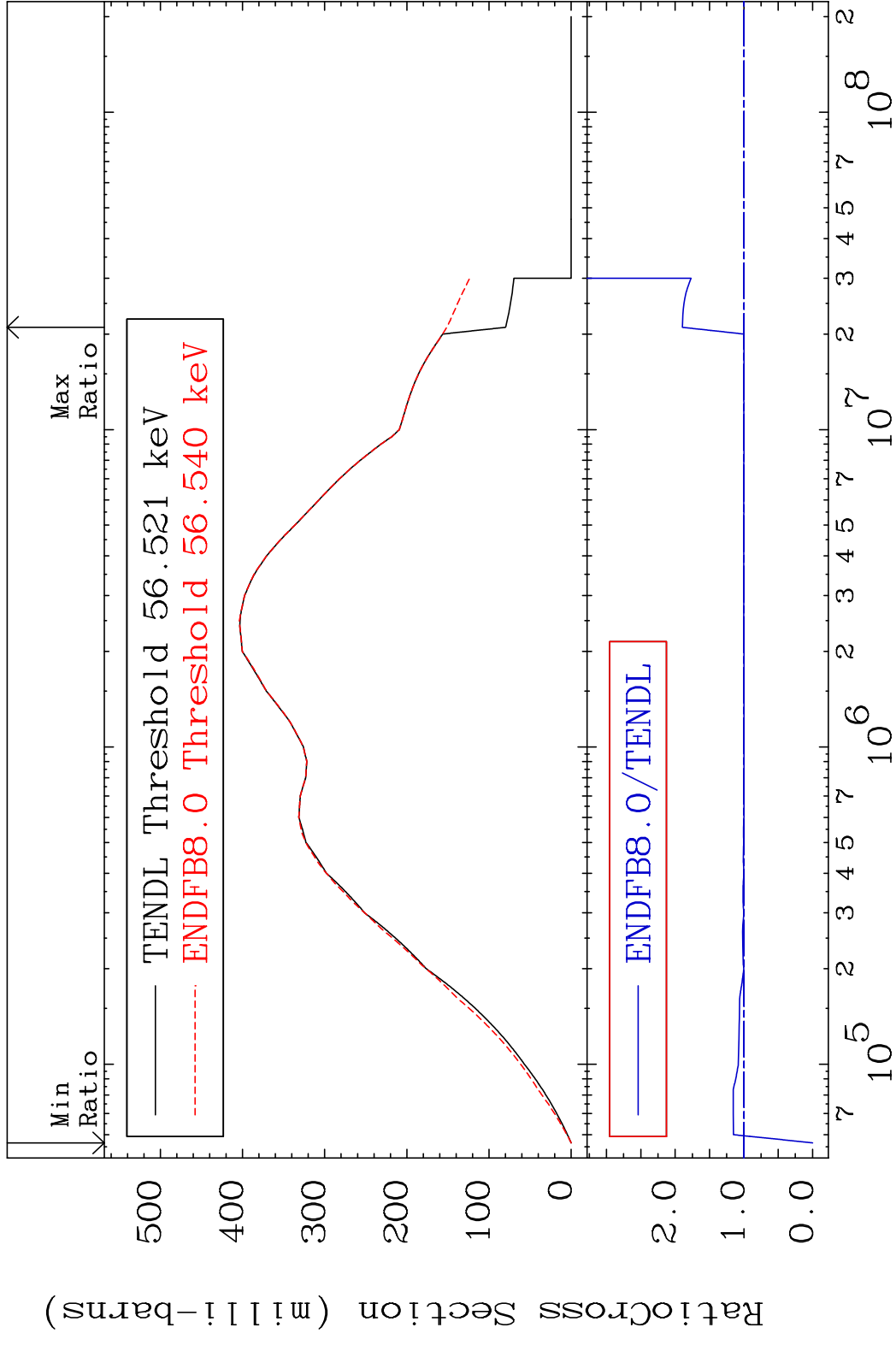
Incident Energy (eV)

92-U -237

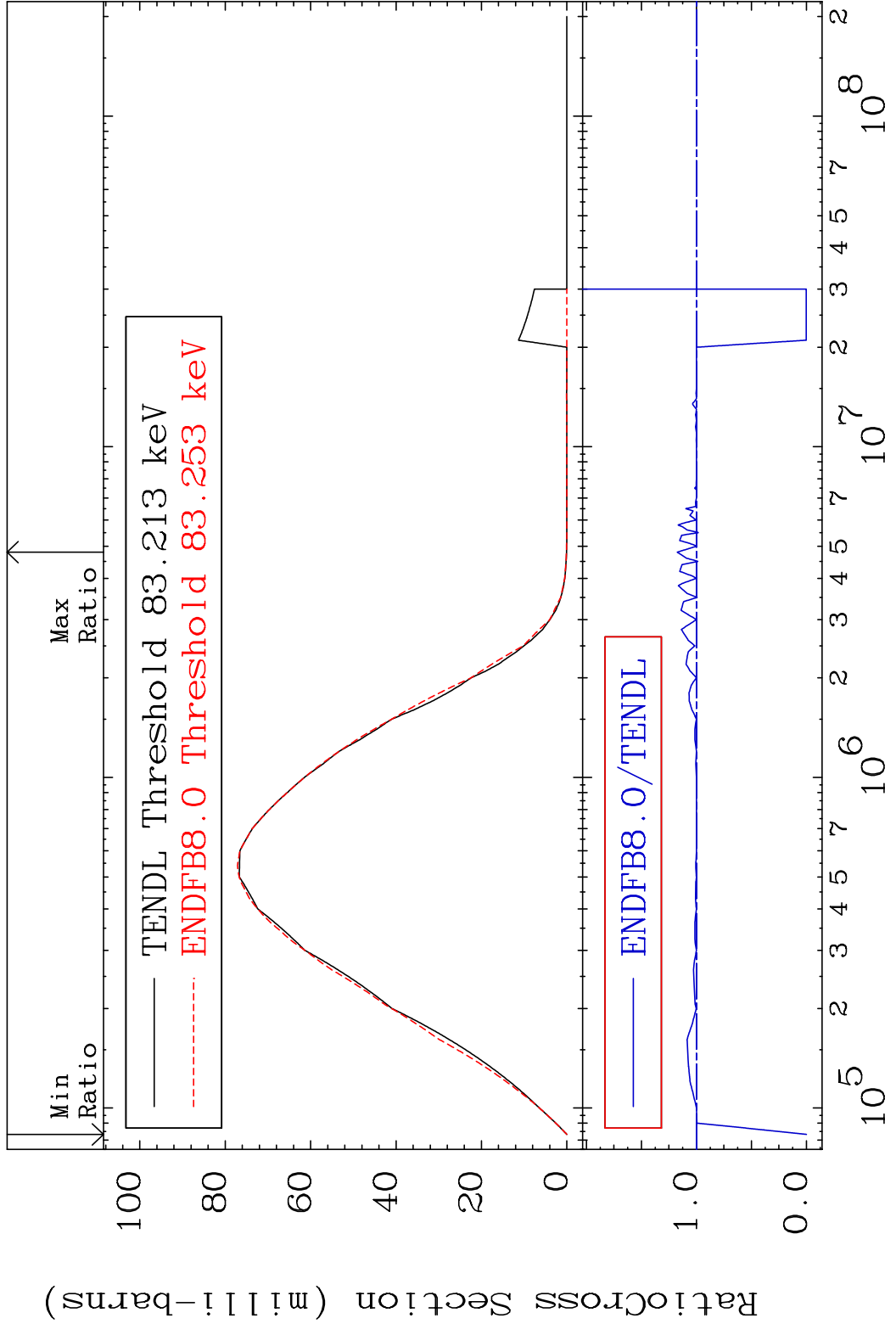
MAT 9234 MT= 51 (n, n') Level 92-U -237
 Cross Section -100.0 To 89.47 %



MAT 9234 MT= 52 (n, n') Level 92-U -237
 Cross Section -100.0 To 89.53 %

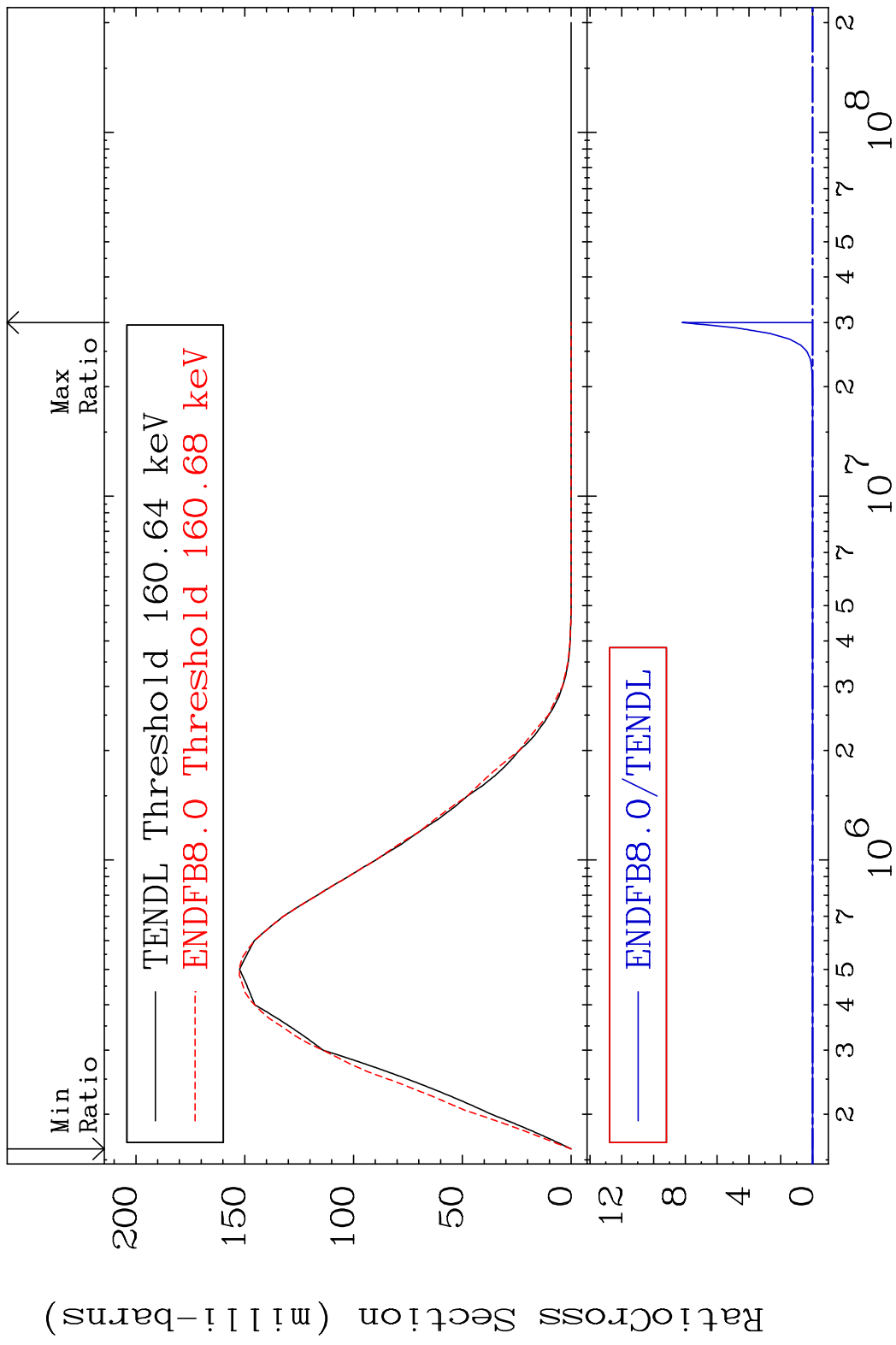


MAT 9234 MT= 53 (n, n') Level 92-U -237
 Cross Section -100.0 To 17.50 %

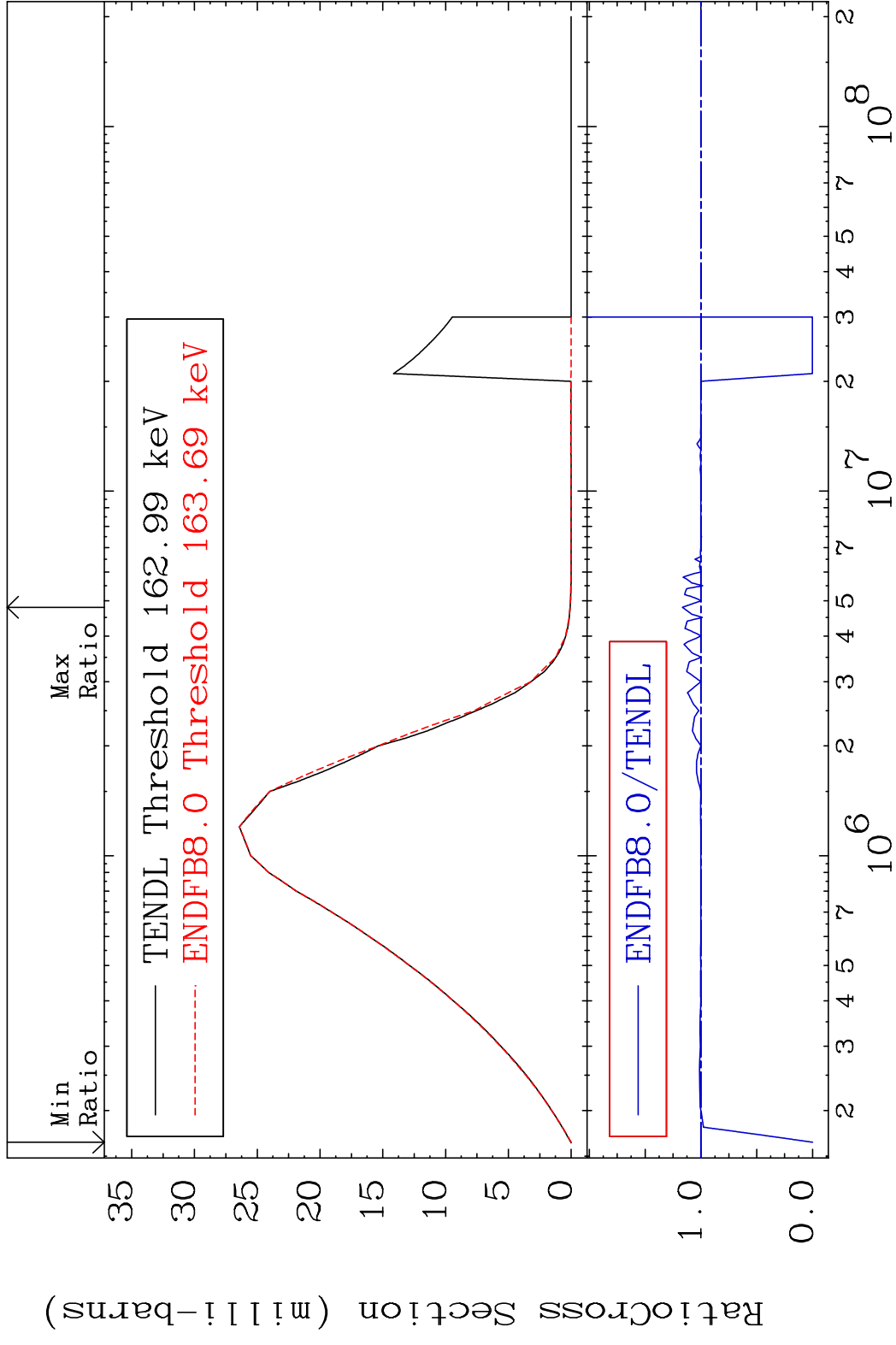


10 Incident Energy (eV) 92-U -237

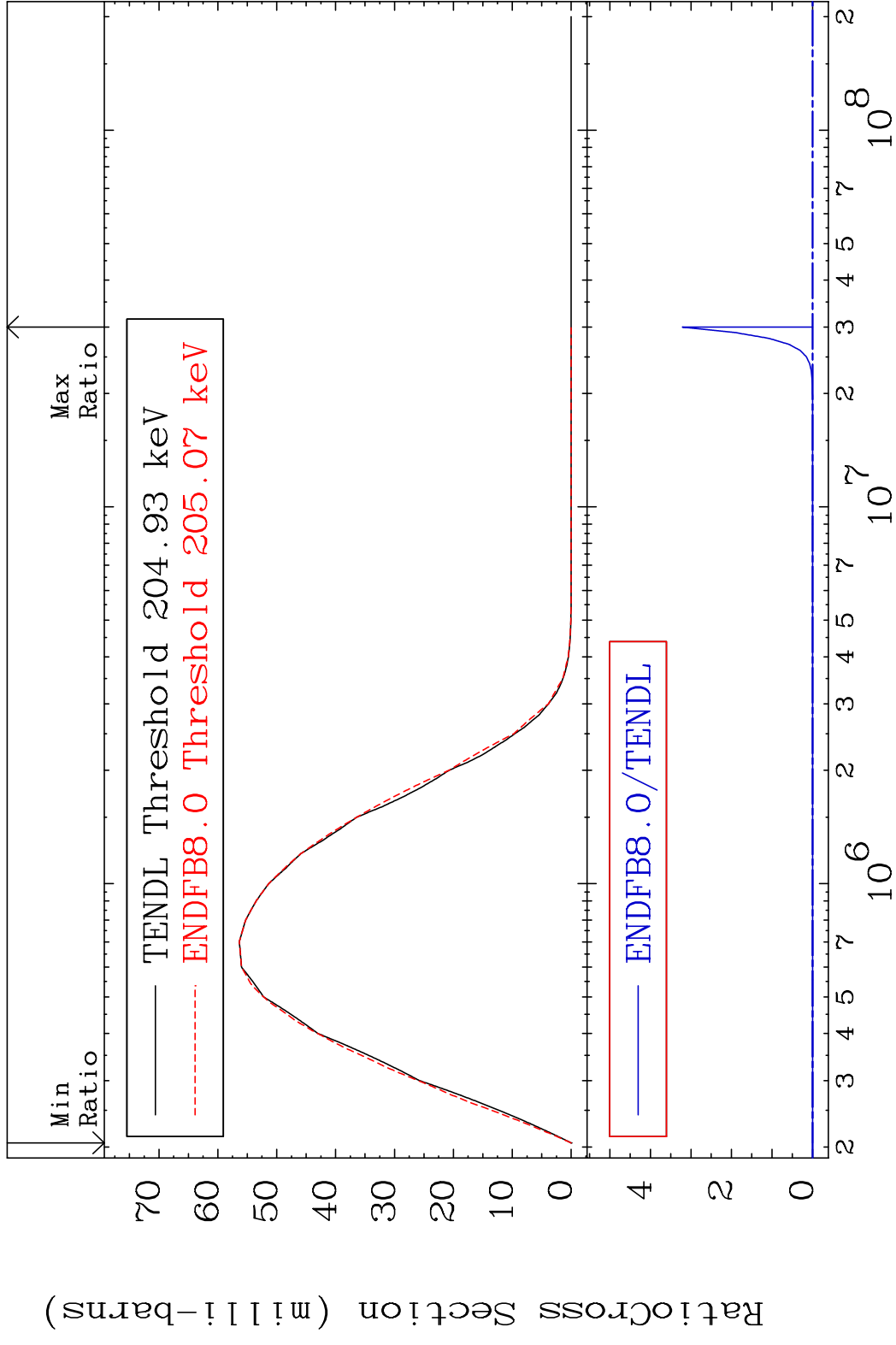
MAT 9234 MT= 54 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



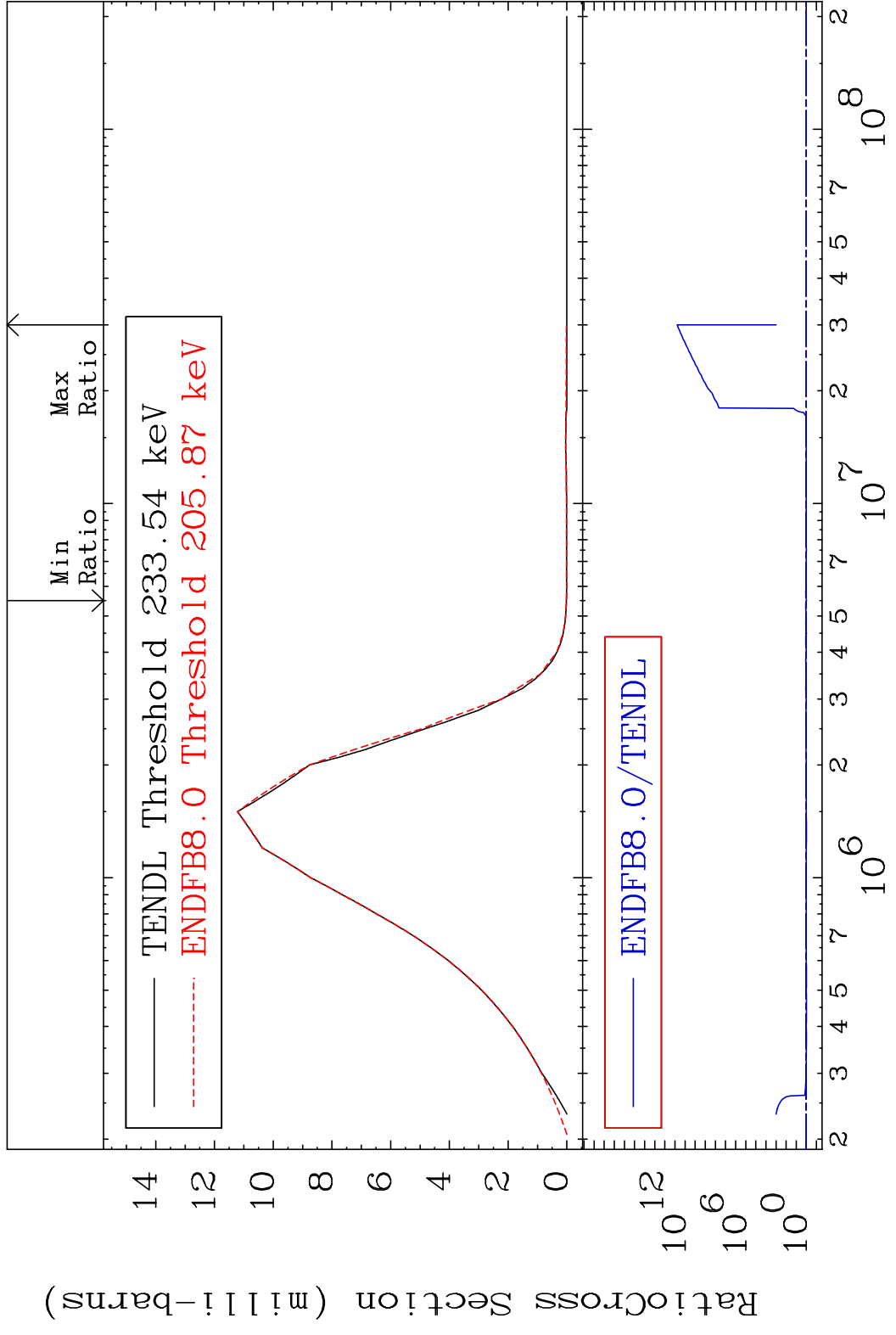
MAT 9234 MT= 55 (n,n') Level 92-U -237
 Cross Section -100.0 To 16.65 %



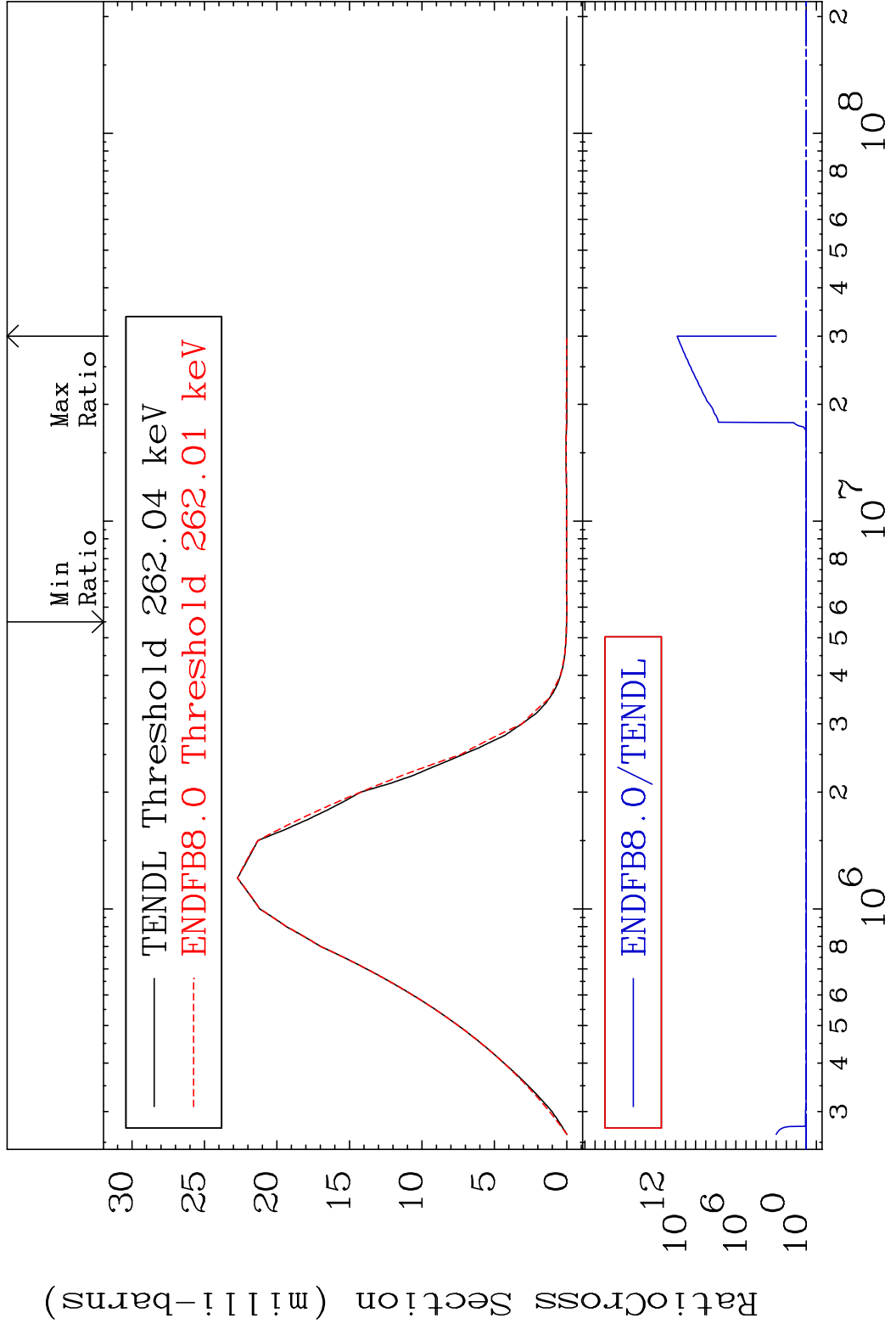
MAT 9234 MT= 56 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



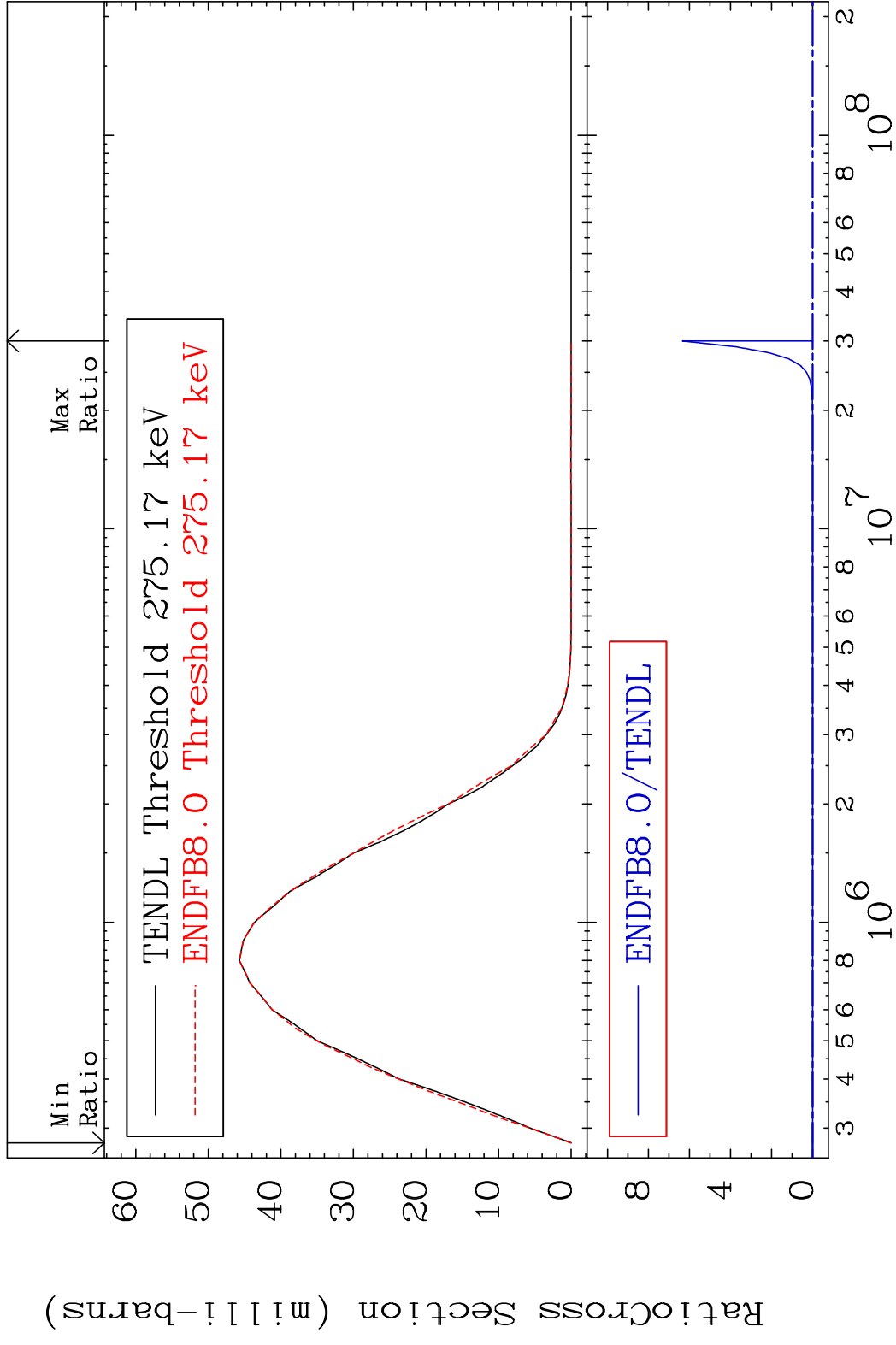
MAT 9234 MT= 57 (n, n') Level 92-U -237
 Cross Section -1.497 To 9999. %



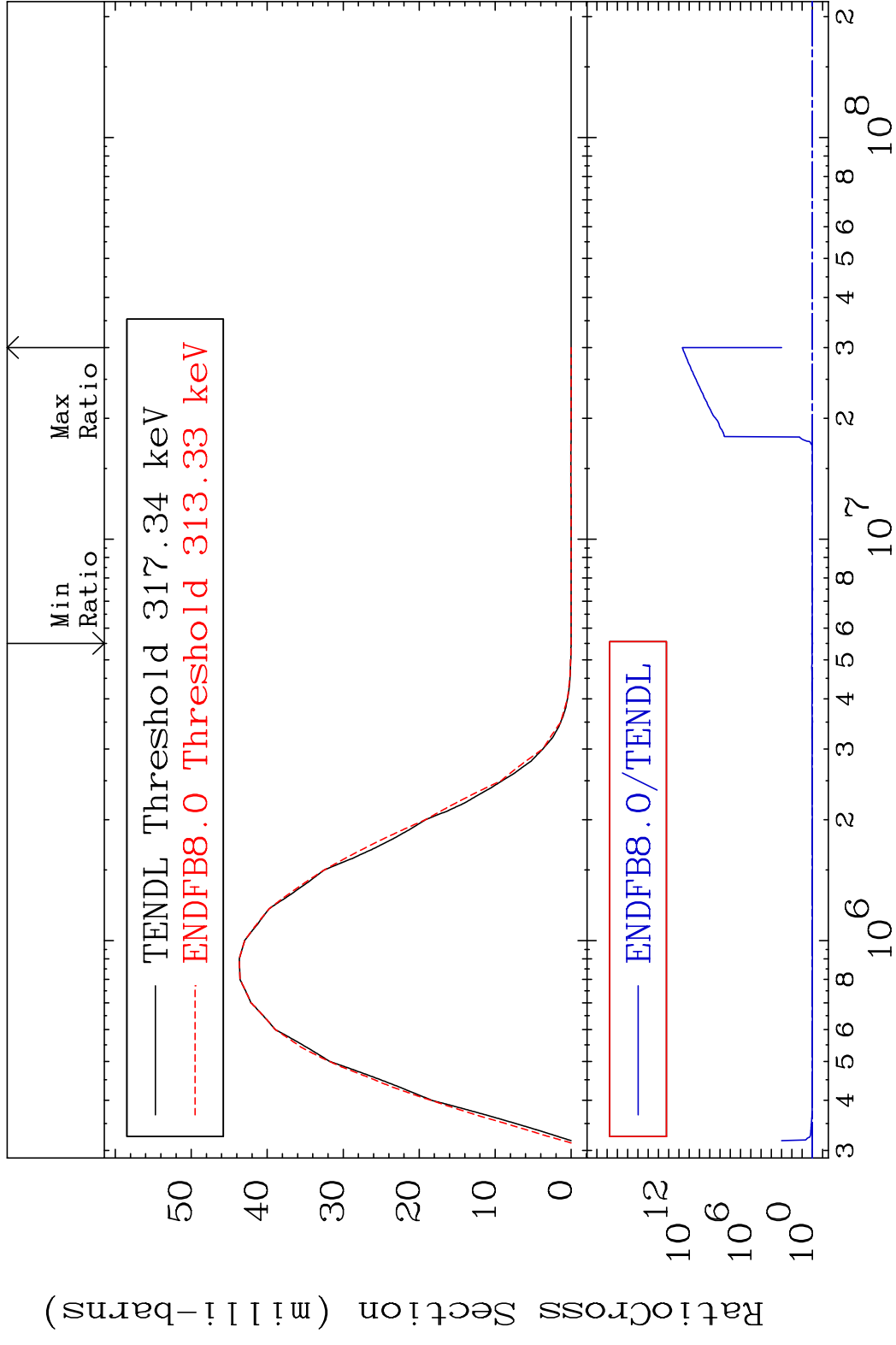
MAT 9234 MT= 58 (n, n') Level 92-U -237
 Cross Section -1.611 To 9999. %



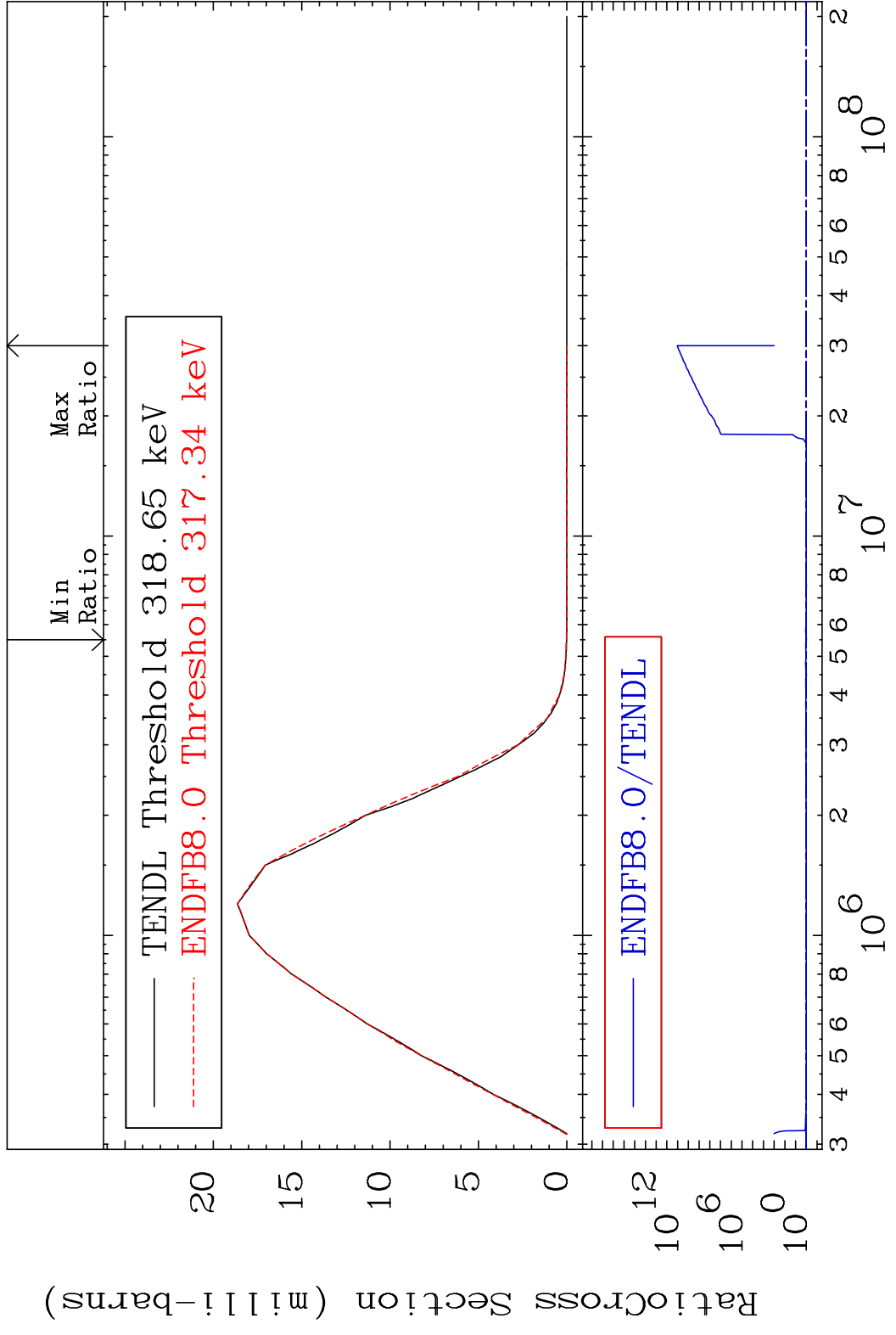
MAT 9234 MT= 59 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



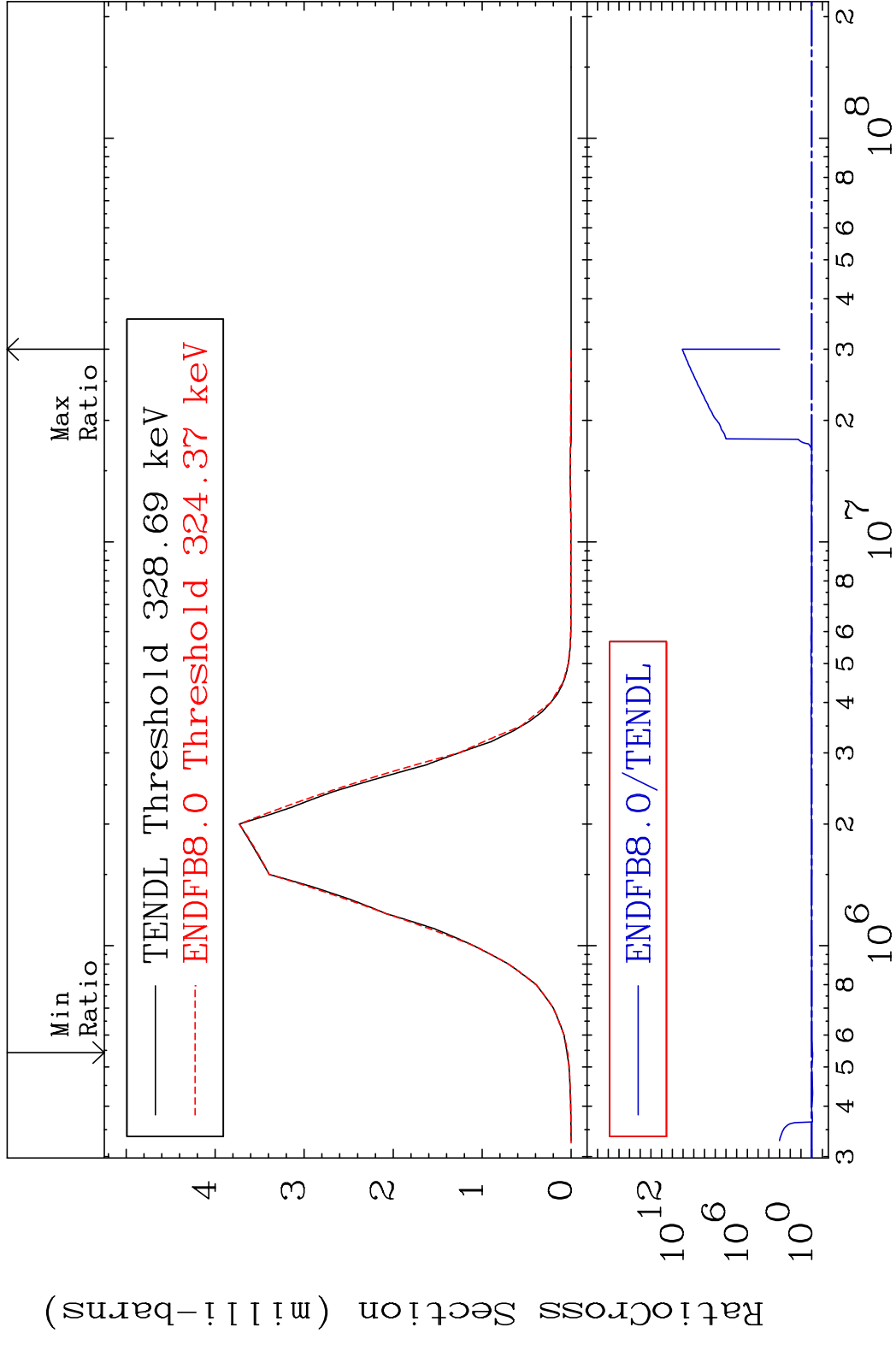
MAT 9234 MT= 60 (n, n') Level 92-U -237
 Cross Section -1.705 To 9999. %



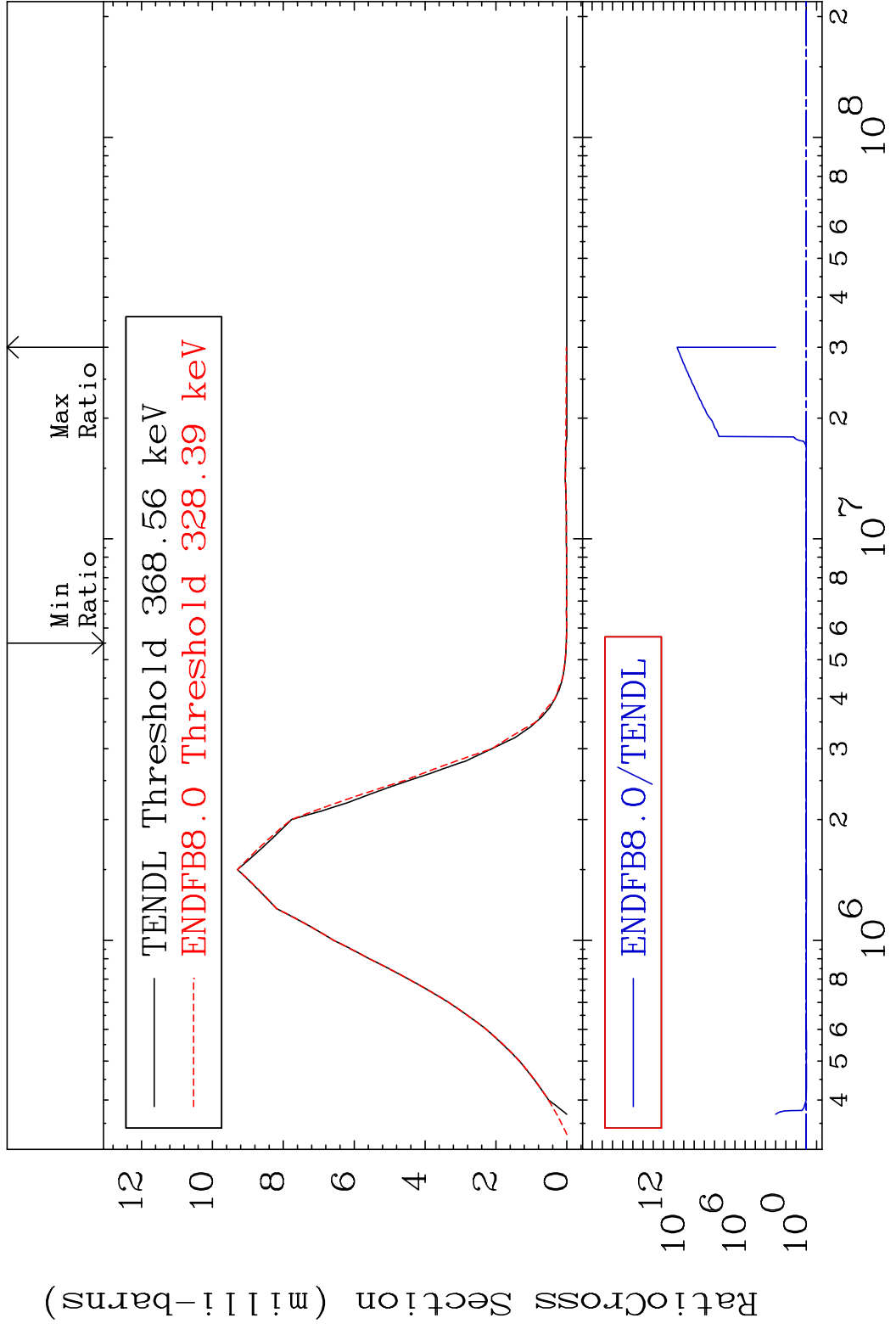
MAT 9234 MT= 61 (n, n') Level 92-U -237
 Cross Section -1.560 To 9999. %



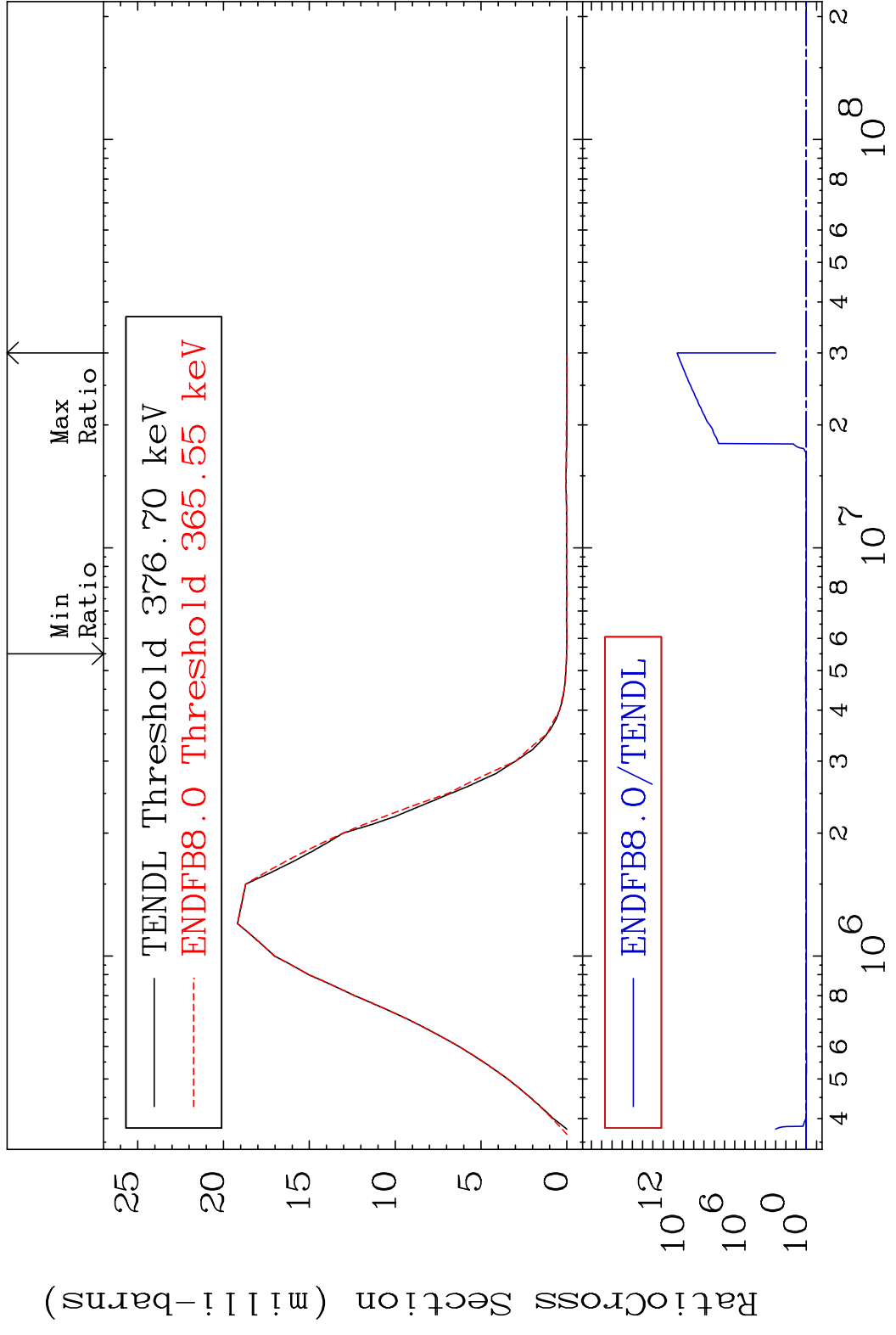
MAT 9234 MT= 62 (n,n') Level 92-U -237
 Cross Section -18.70 To 9999. %



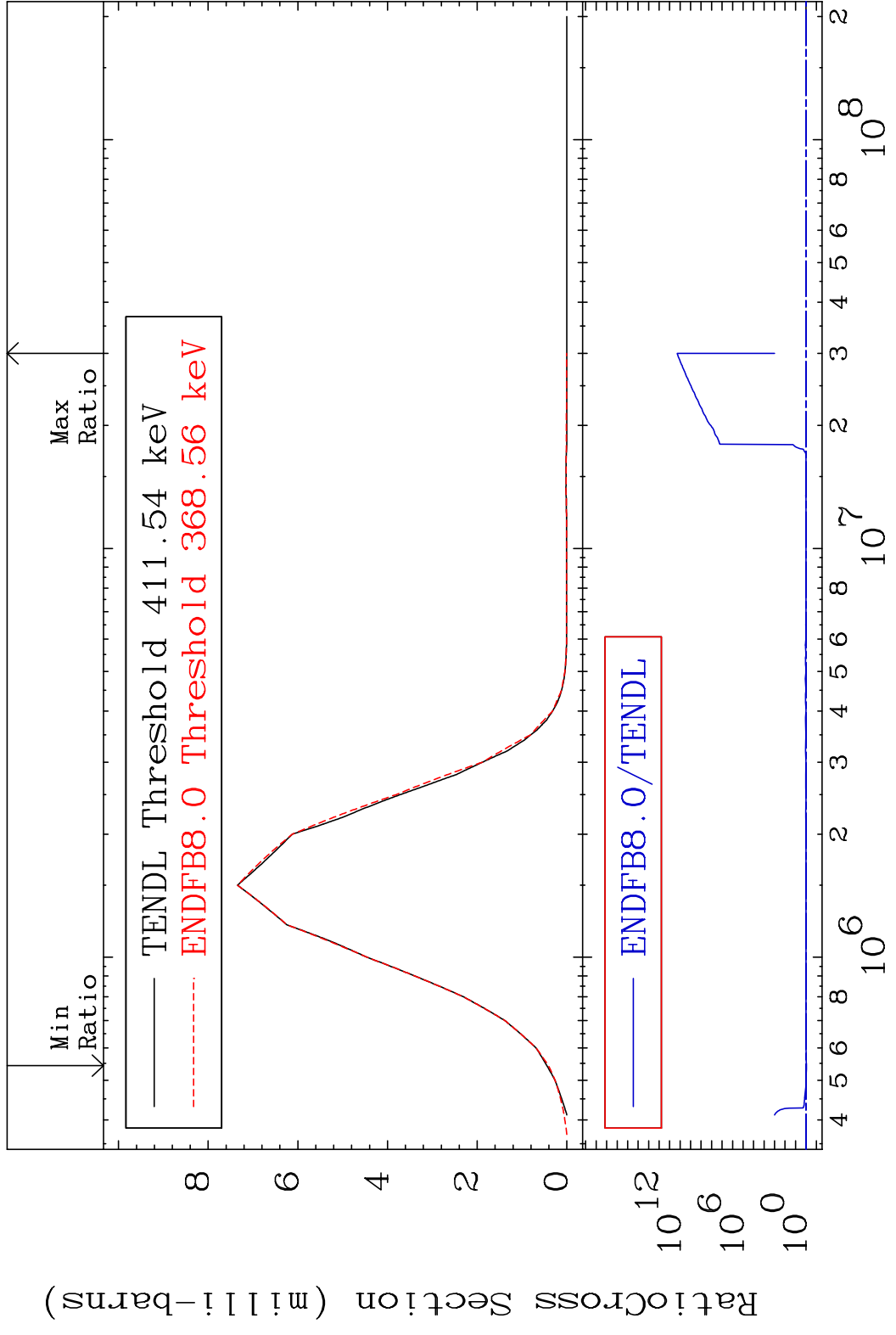
MAT 9234 MT= 63 (n,n') Level 92-U -237
 Cross Section -1.477 To 9999. %



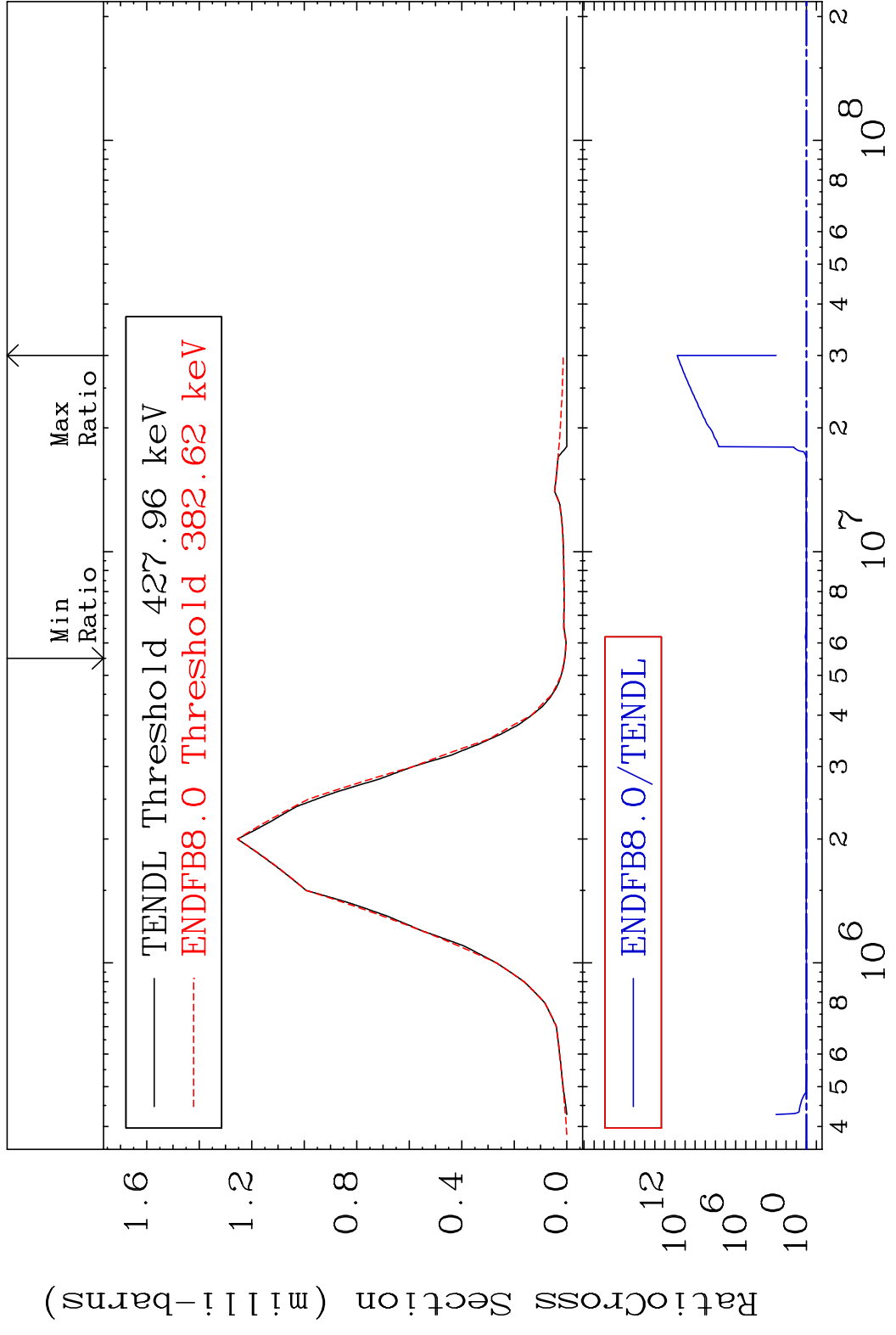
MAT 9234 MT= 64 (n,n') Level 92-U -237
 Cross Section -1.596 To 9999. %



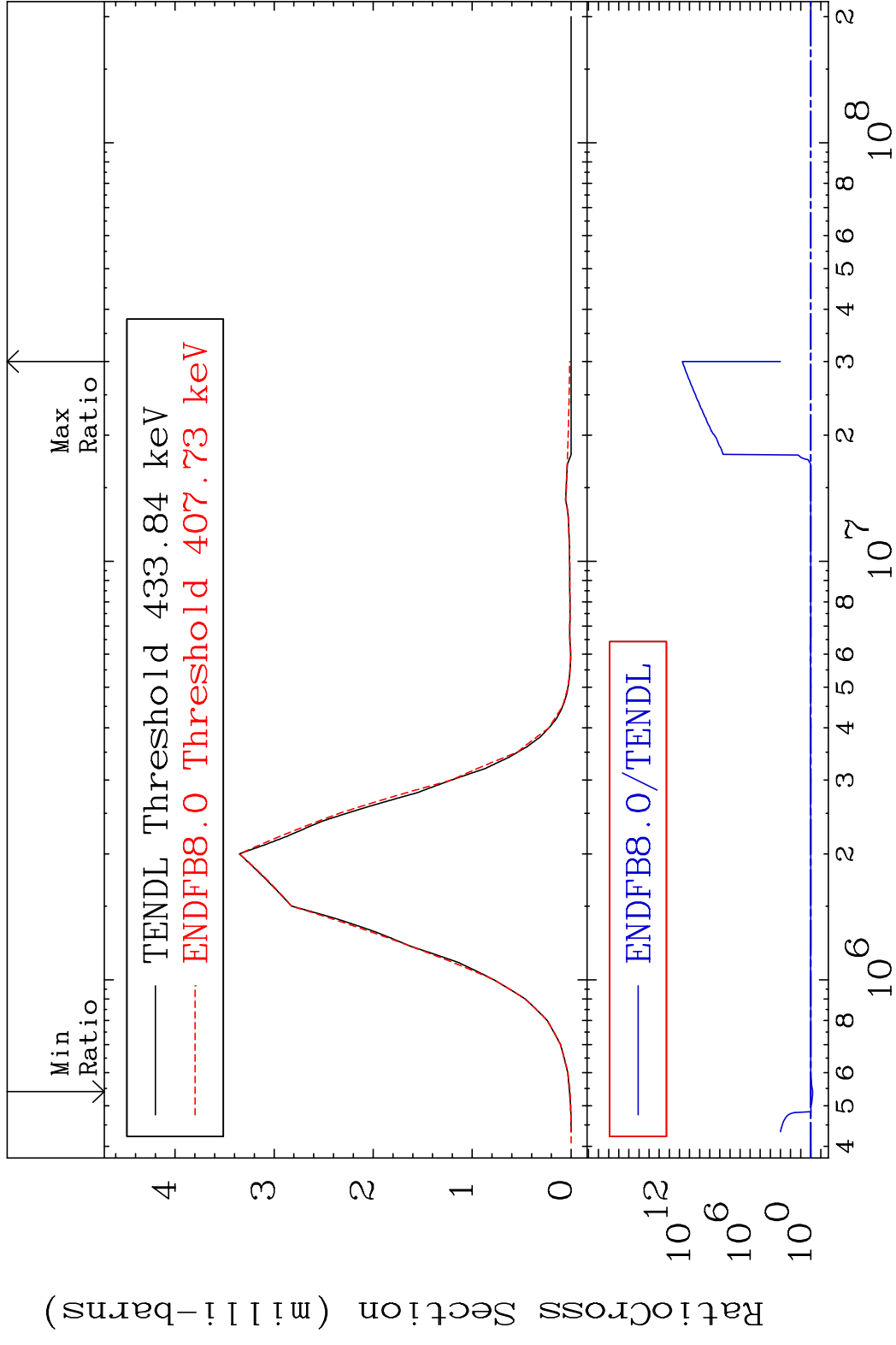
MAT 9234 MT= 65 (n,n') Level 92-U -237
 Cross Section -7.961 To 9999. %



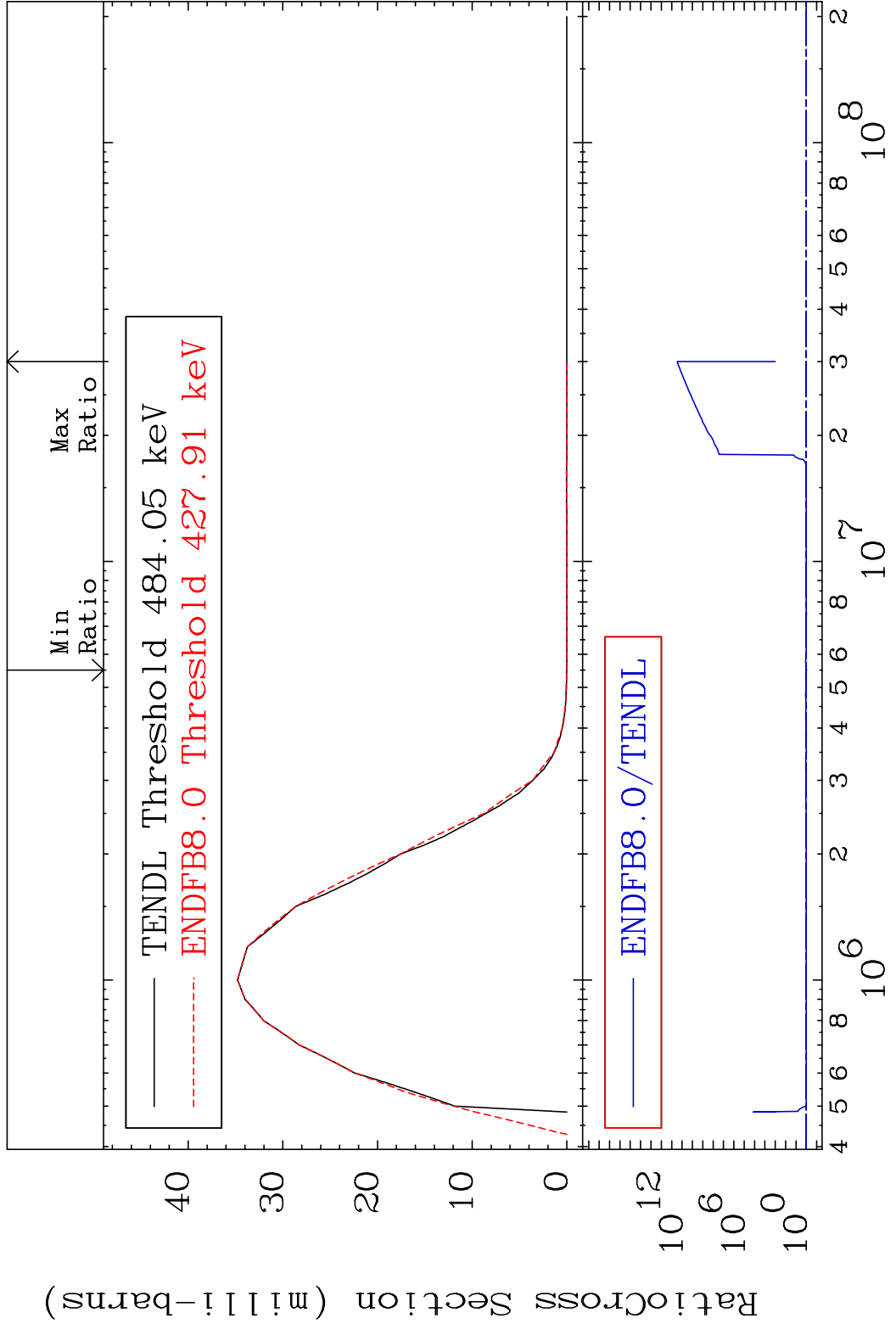
MAT 9234 MT= 66 (n,n') Level 92-U -237
 Cross Section -1.142 To 9999. %



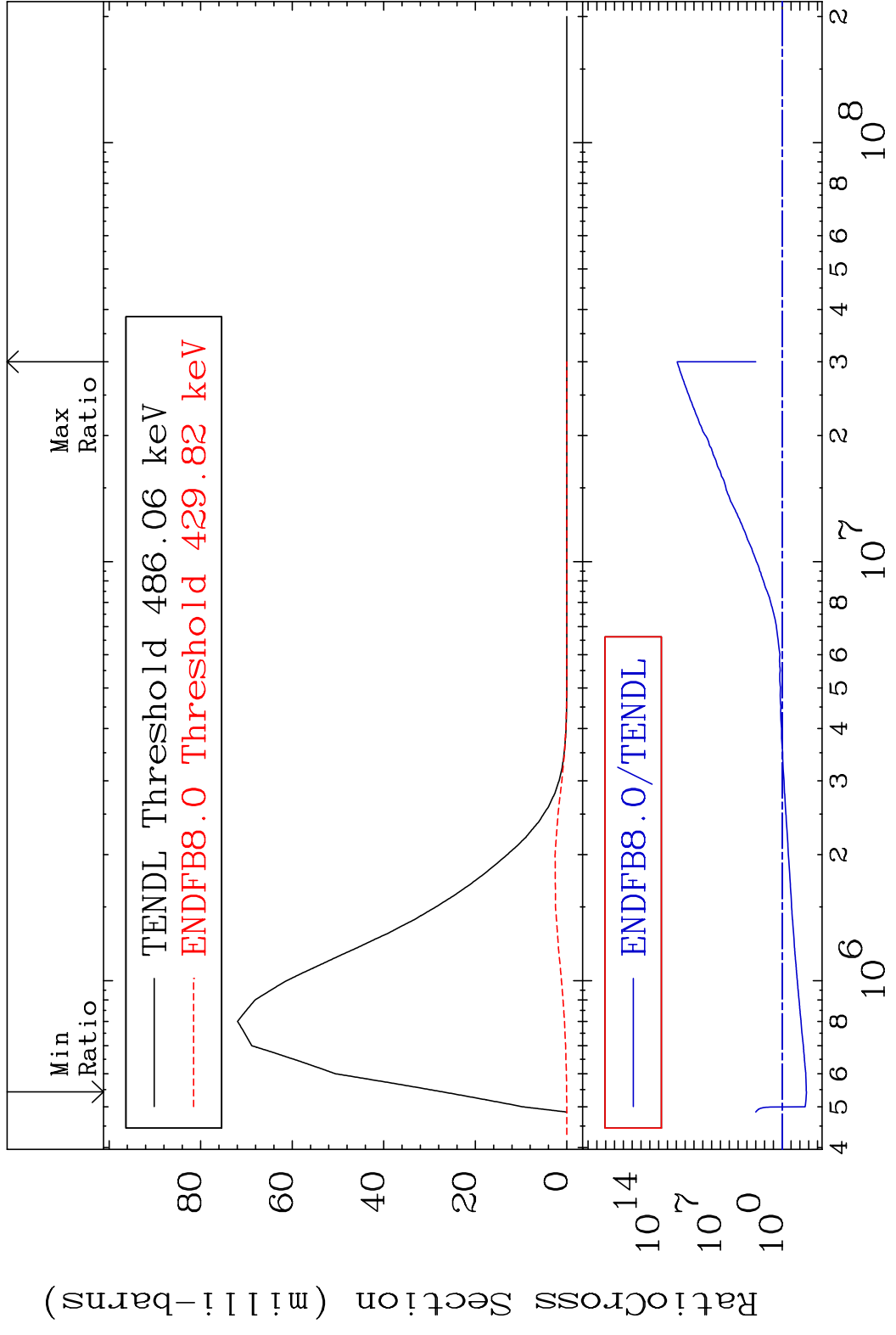
MAT 9234 MT= 67 (n, n') Level 92-U -237
 Cross Section -32.96 To 9999. %



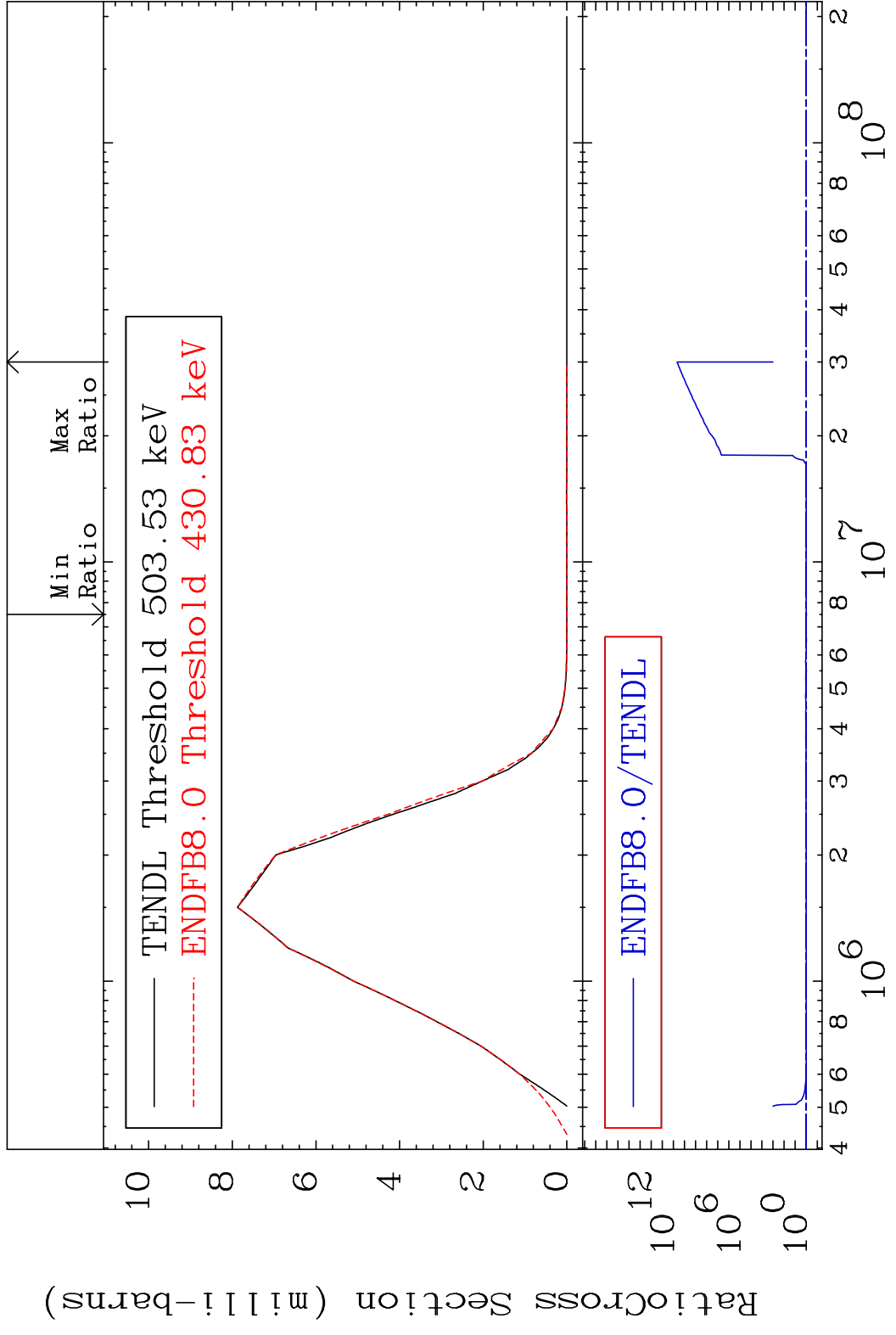
MAT 9234 MT= 68 (n, n') Level 92-U -237
 Cross Section -1.690 To 9999. %



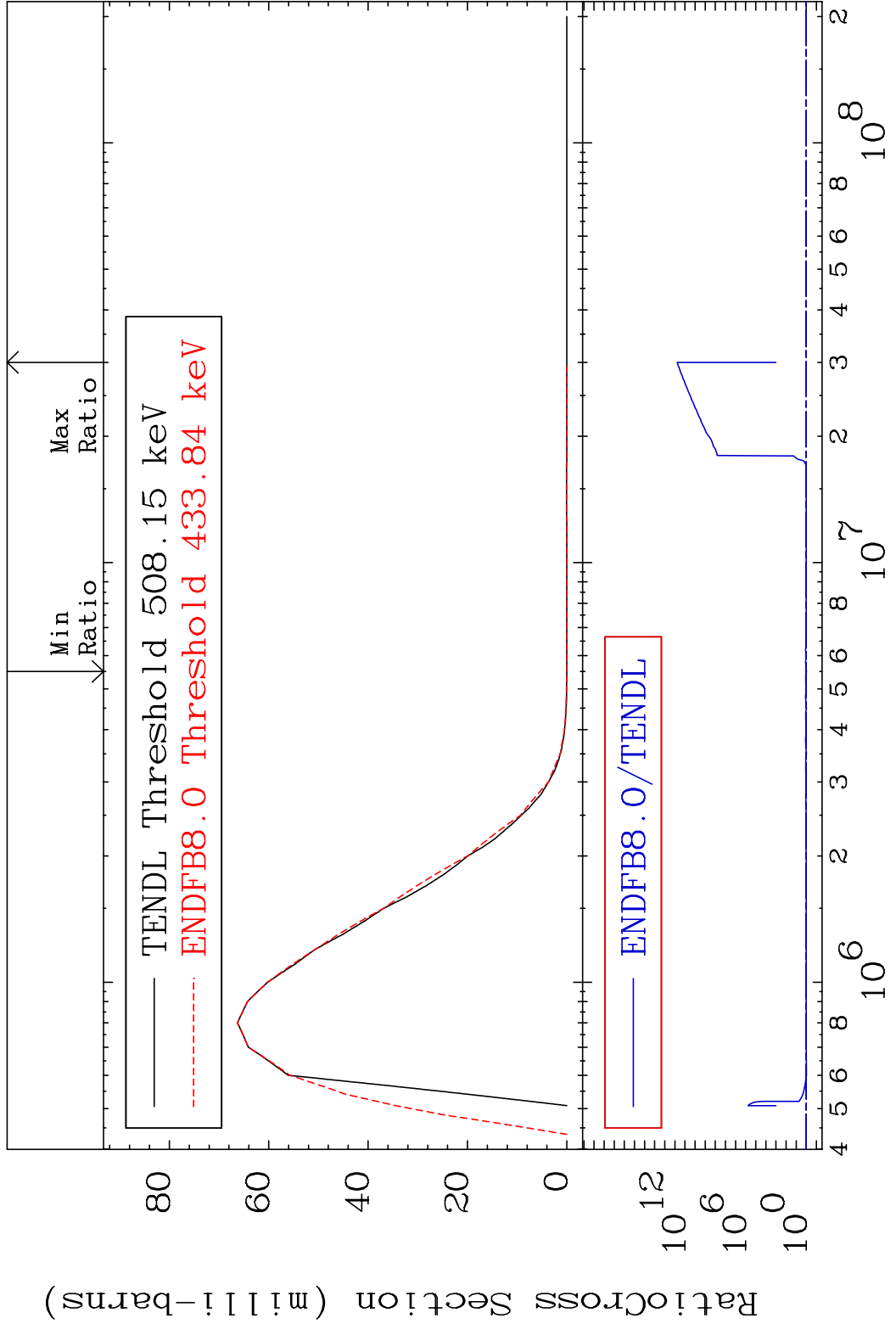
MAT 9234 MT= 69 (n, n') Level 92-U -237
 Cross Section -99.82 To 9999. %



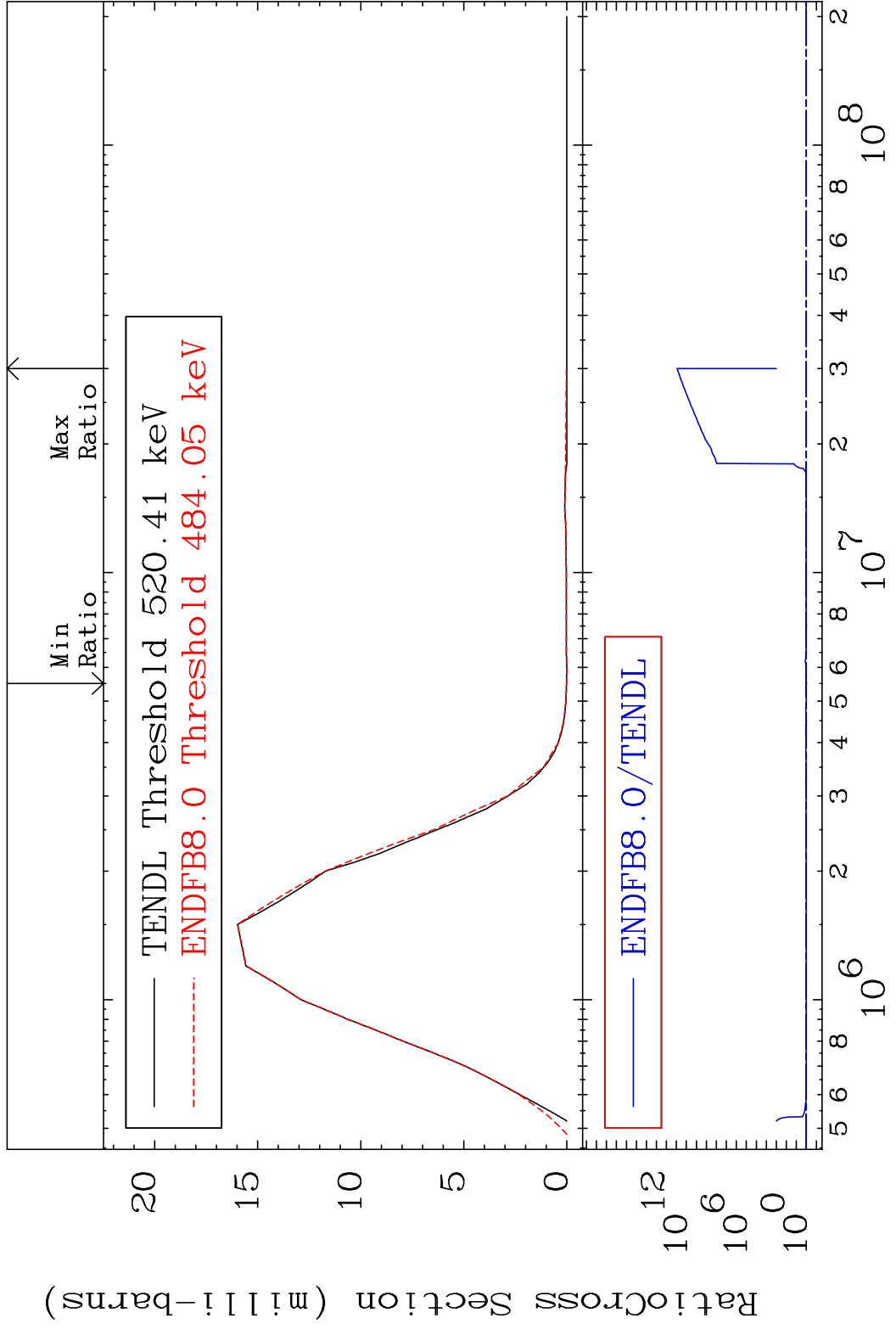
MAT 9234 MT= 70 (n, n') Level 92-U -237
 Cross Section -1.492 To 9999. %



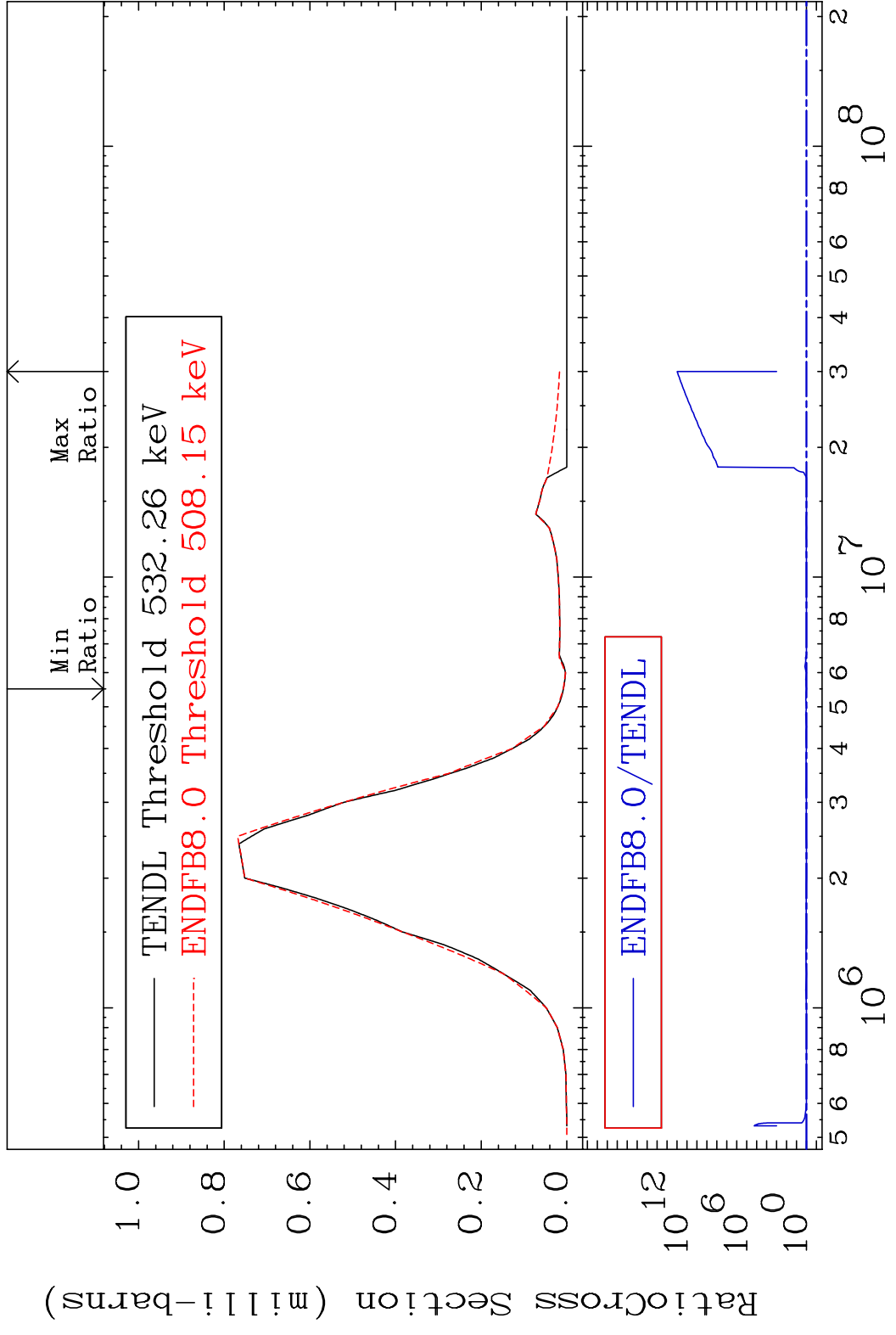
MAT 9234 MT= 71 (n, n') Level 92-U -237
 Cross Section -1.759 To 9999. %



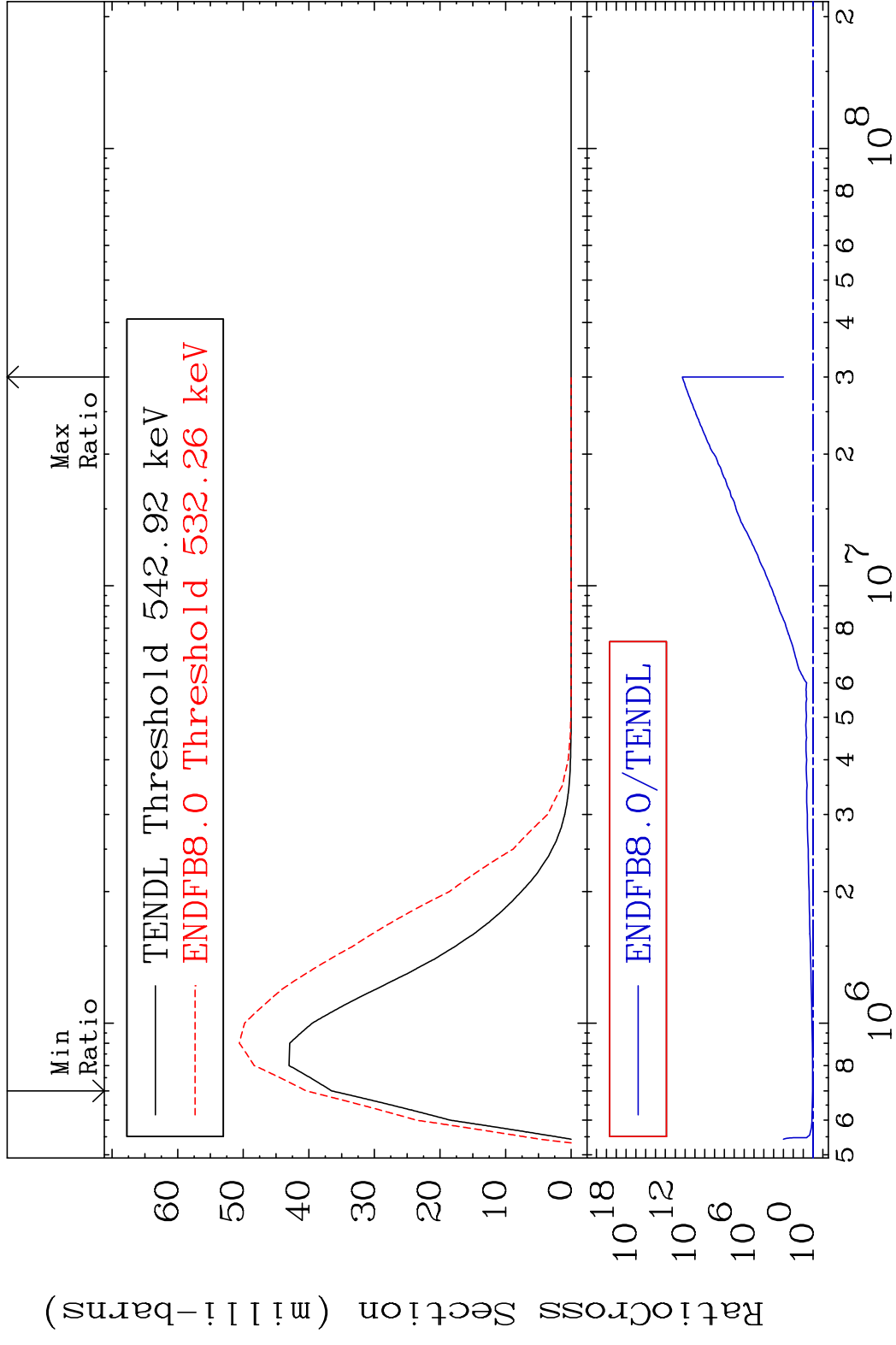
MAT 9234 MT= 72 (n,n') Level 92-U -237
 Cross Section -1.580 To 9999. %



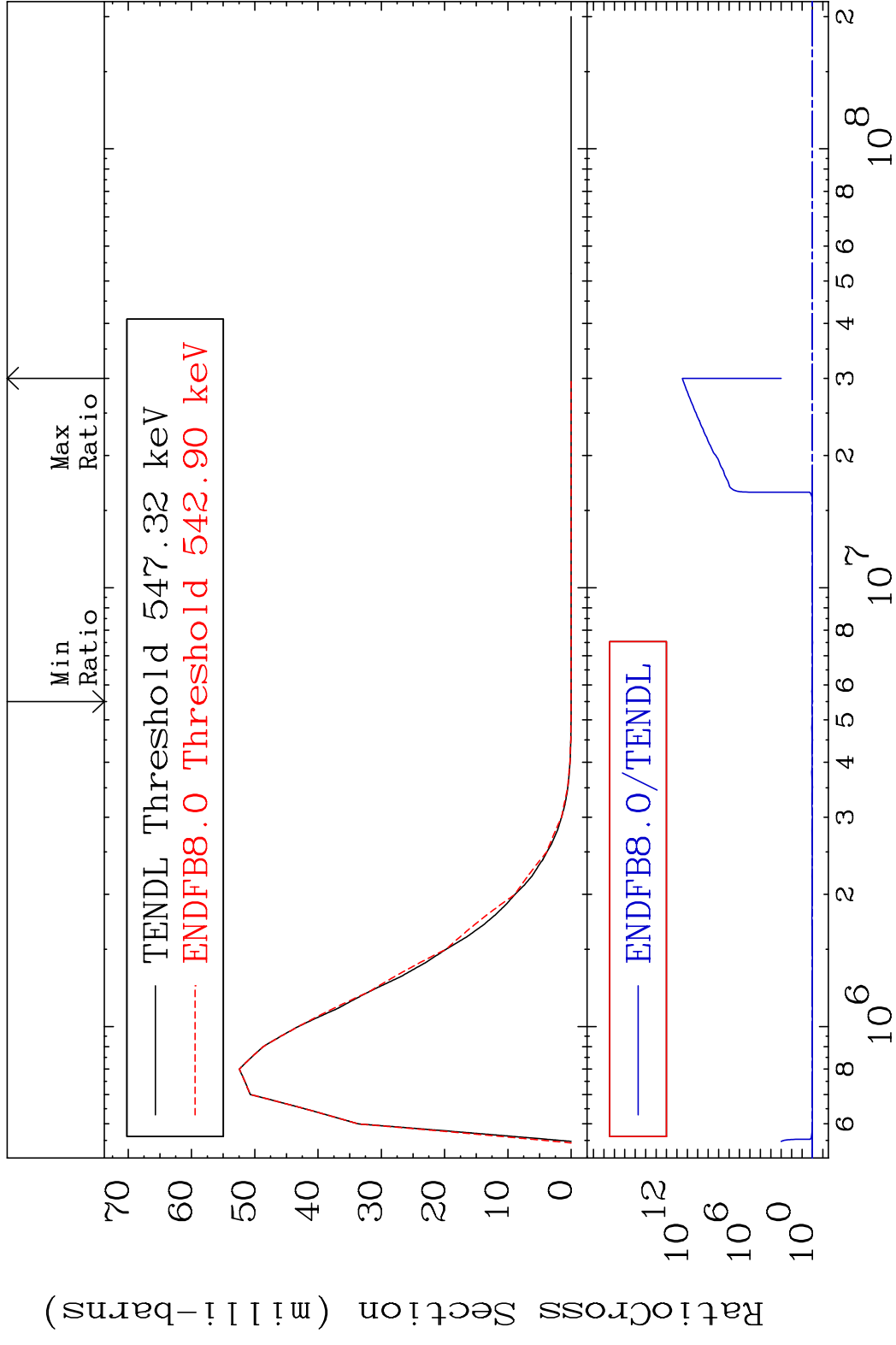
MAT 9234 MT= 73 (n, n') Level 92-U -237
 Cross Section -1.052 To 9999. %



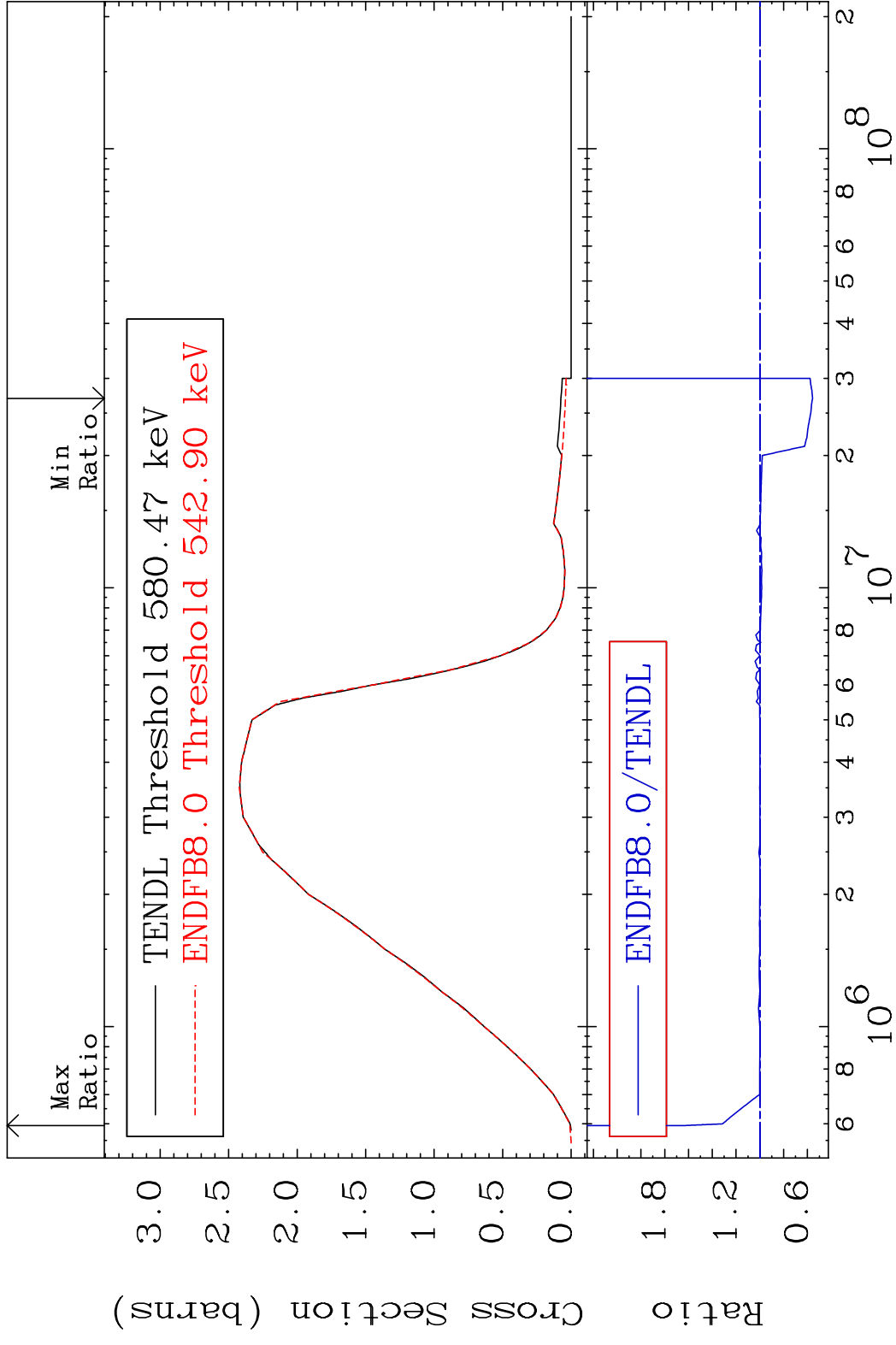
MAT 9234 MT= 74 (n,n') Level 92-U -237
 Cross Section 10.69 To 9999. %



MAT 9234 MT= 75 (n,n') Level 92-U -237
 Cross Section -1.777 To 9999. %



MAT 9234 (n,n') Continuum 92-U -237
 Cross Section -44.30 To 65.18 %

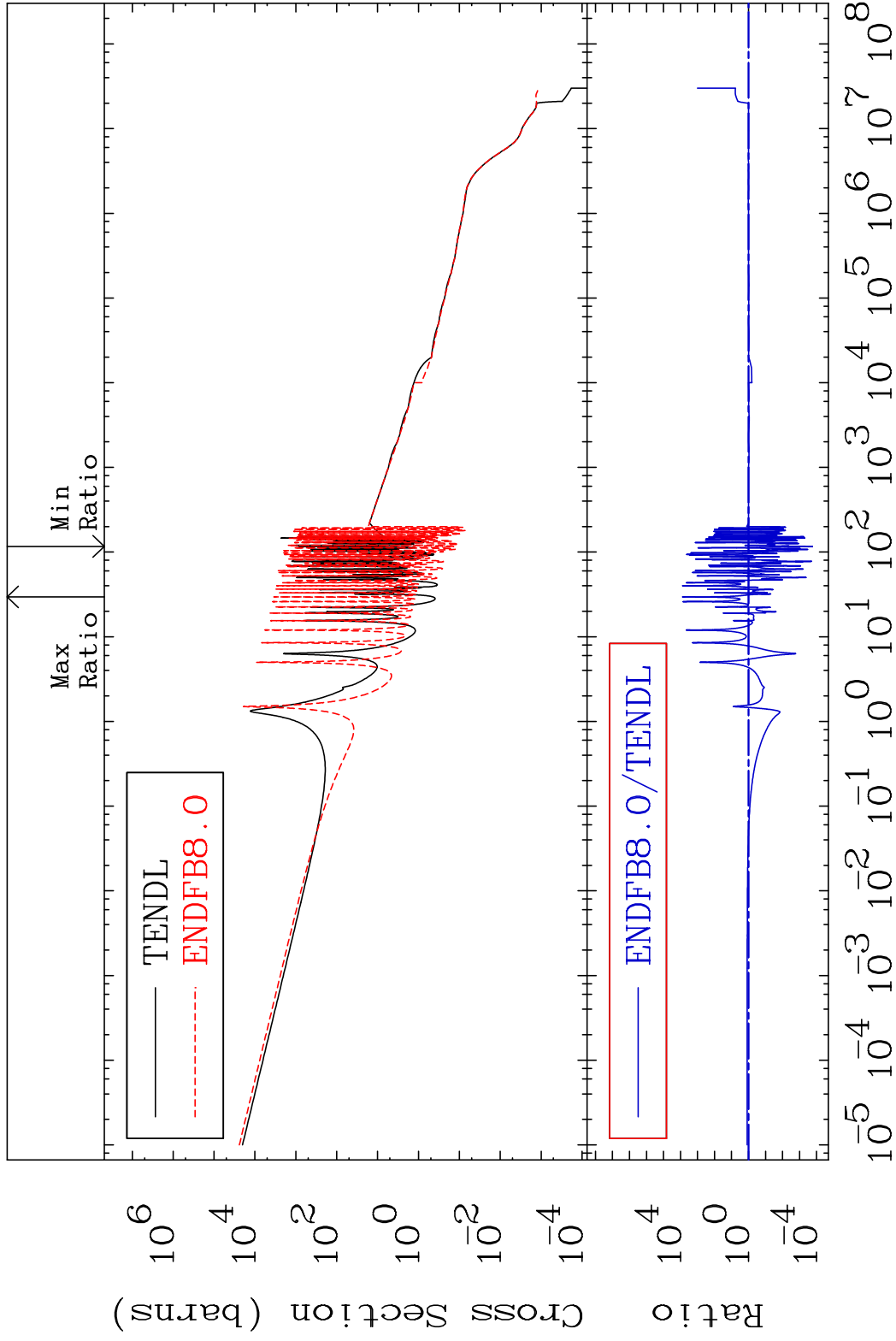


MAT 9234

(n, γ)

92-U -237

Cross Section -99.98 To 9999. %

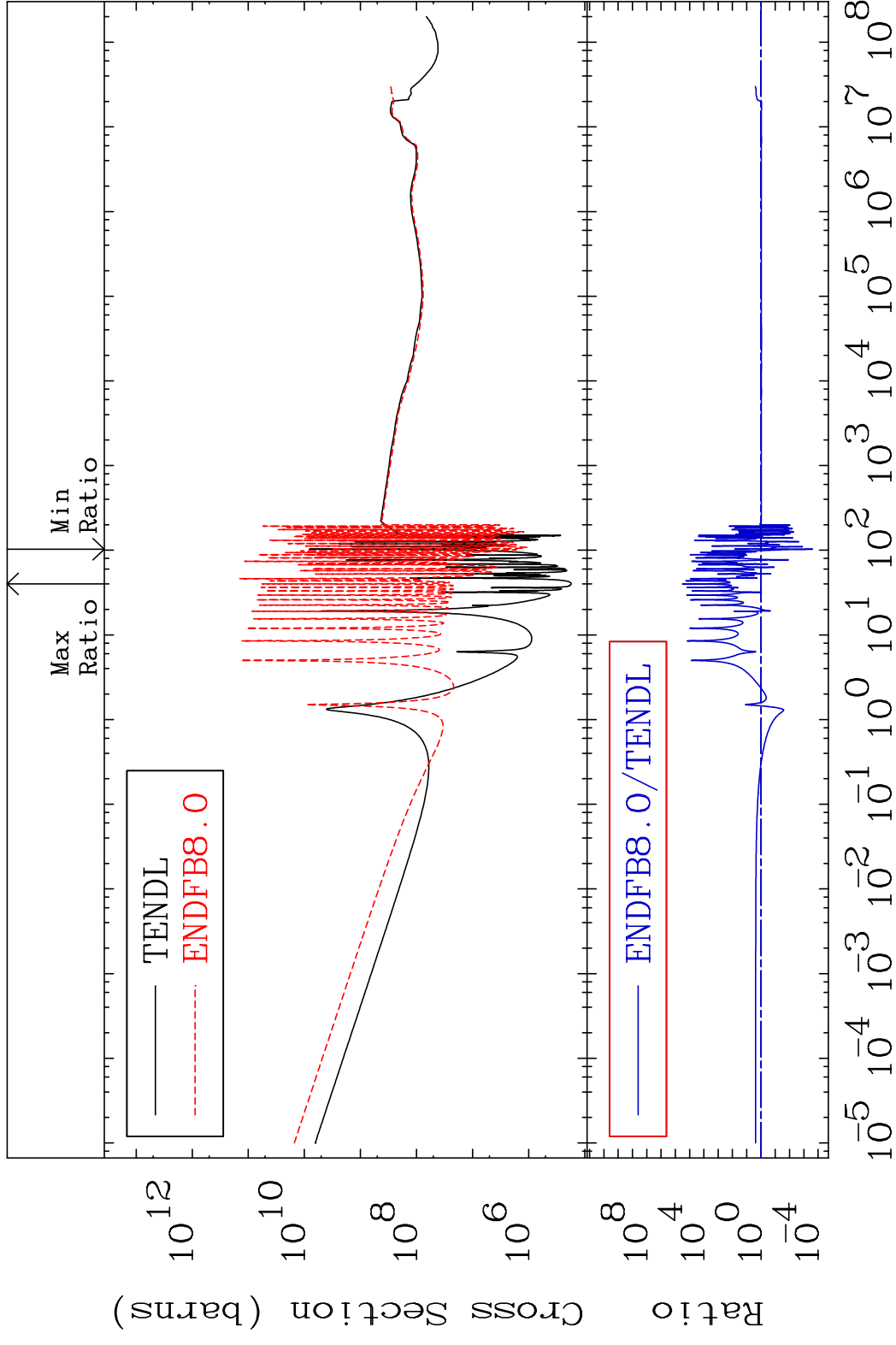


34

Incident Energy (eV)

92-U -237

MAT 9234 Kerma total (eV-barns) 92-U -237
 Cross Section -99.98 To 9999. %

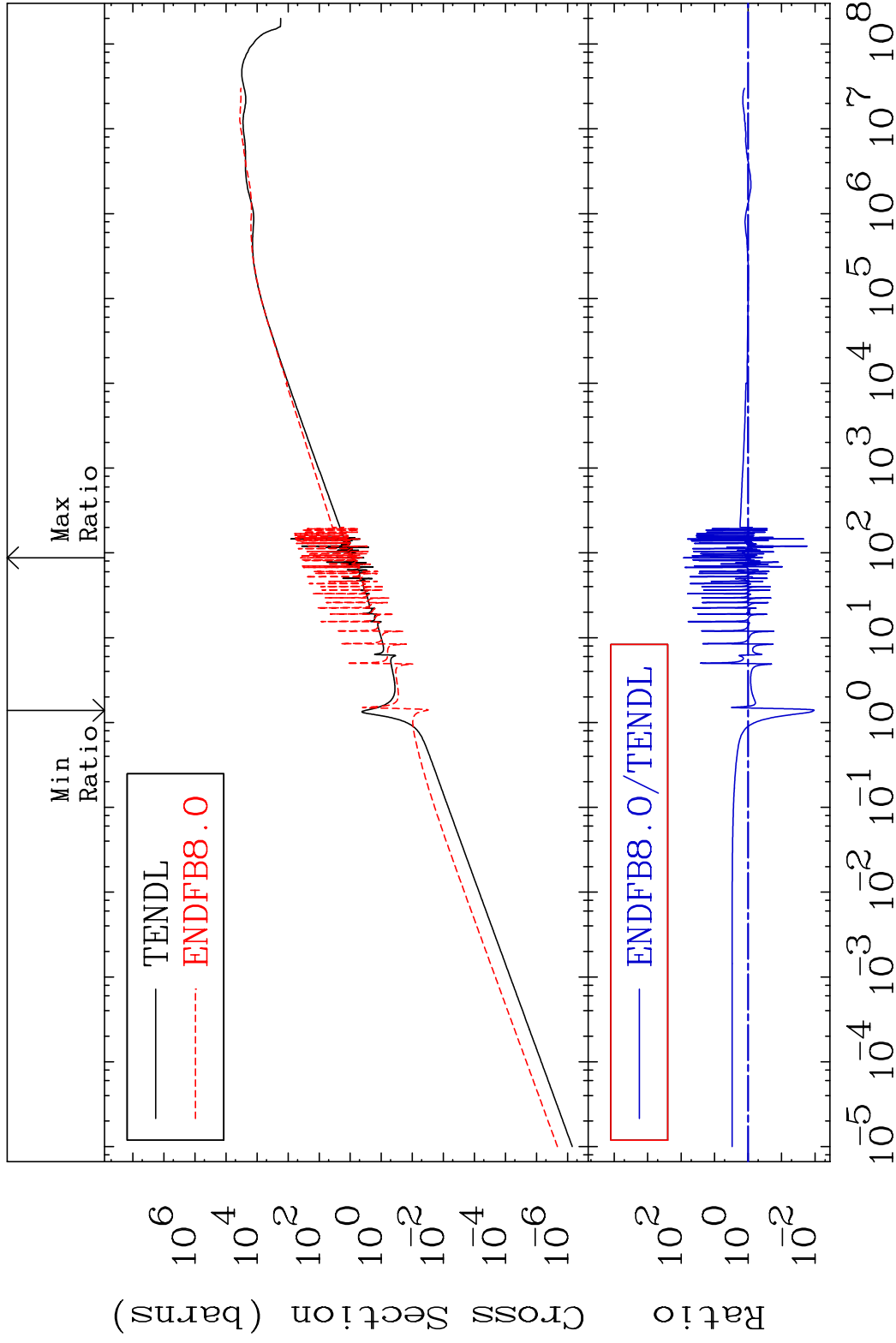


MAT 9234

Kerma elastic

92-U -237

Cross Section -98.94 To 8301. %

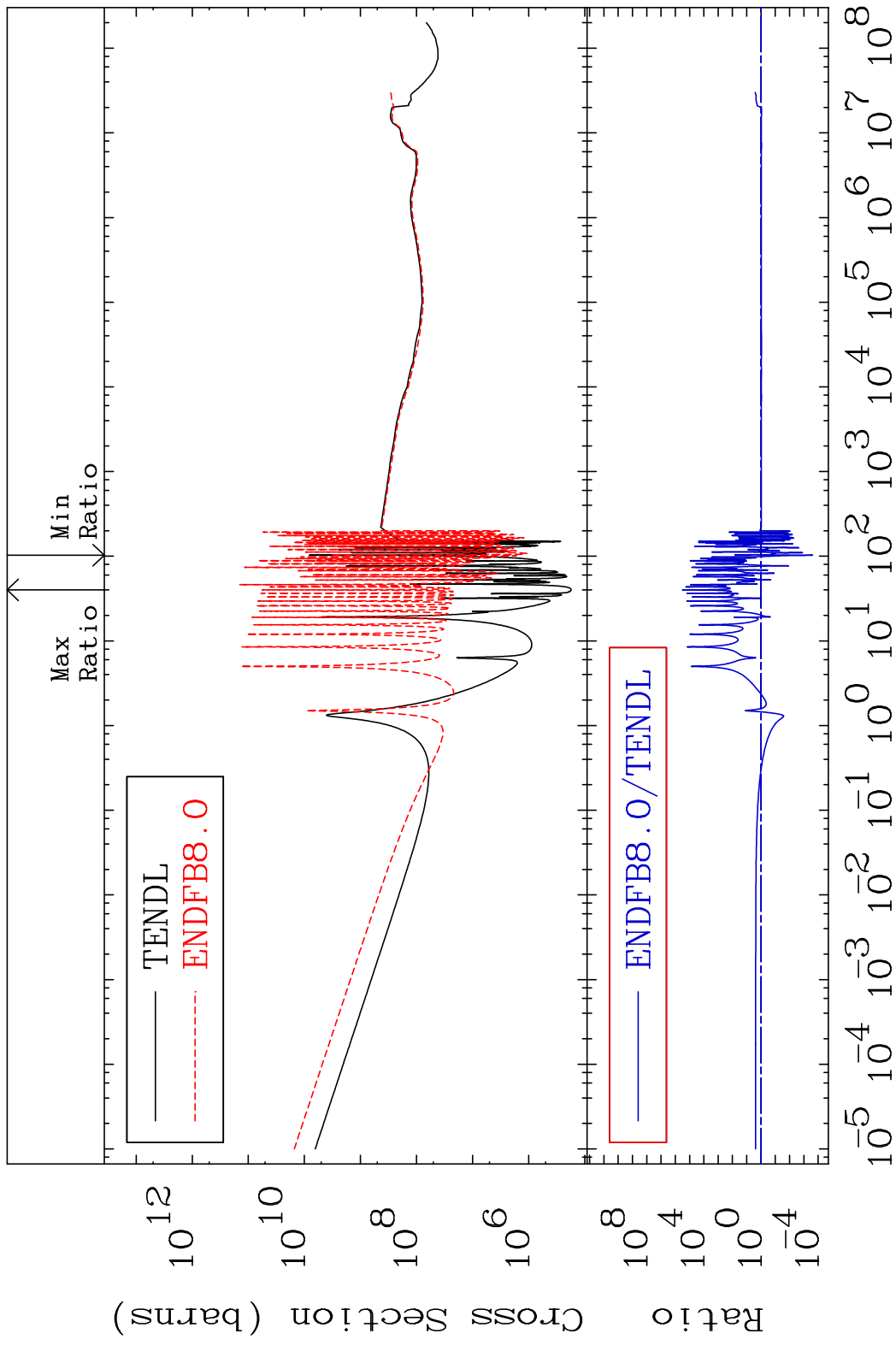


36

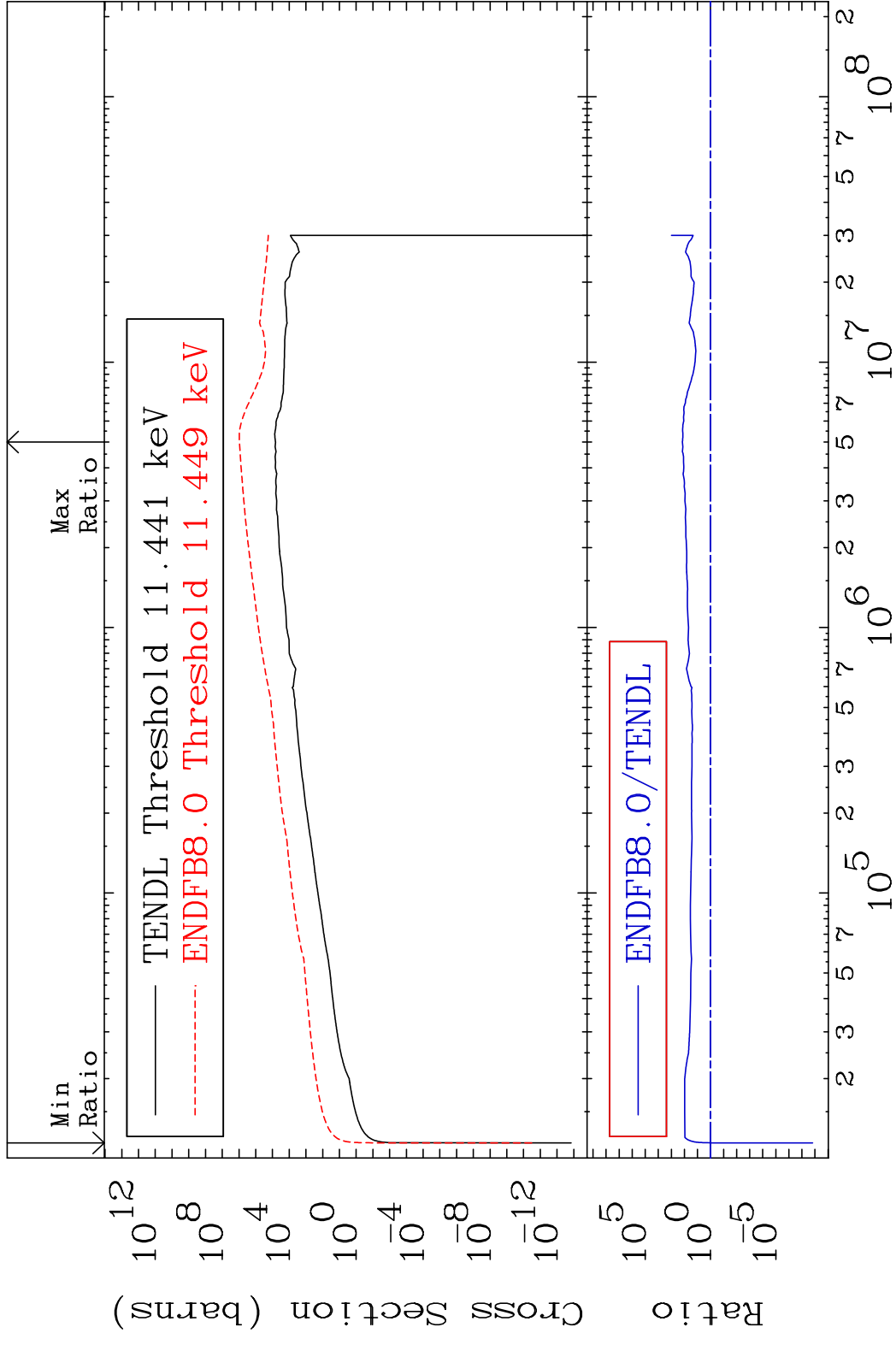
Incident Energy (eV)

92-U -237

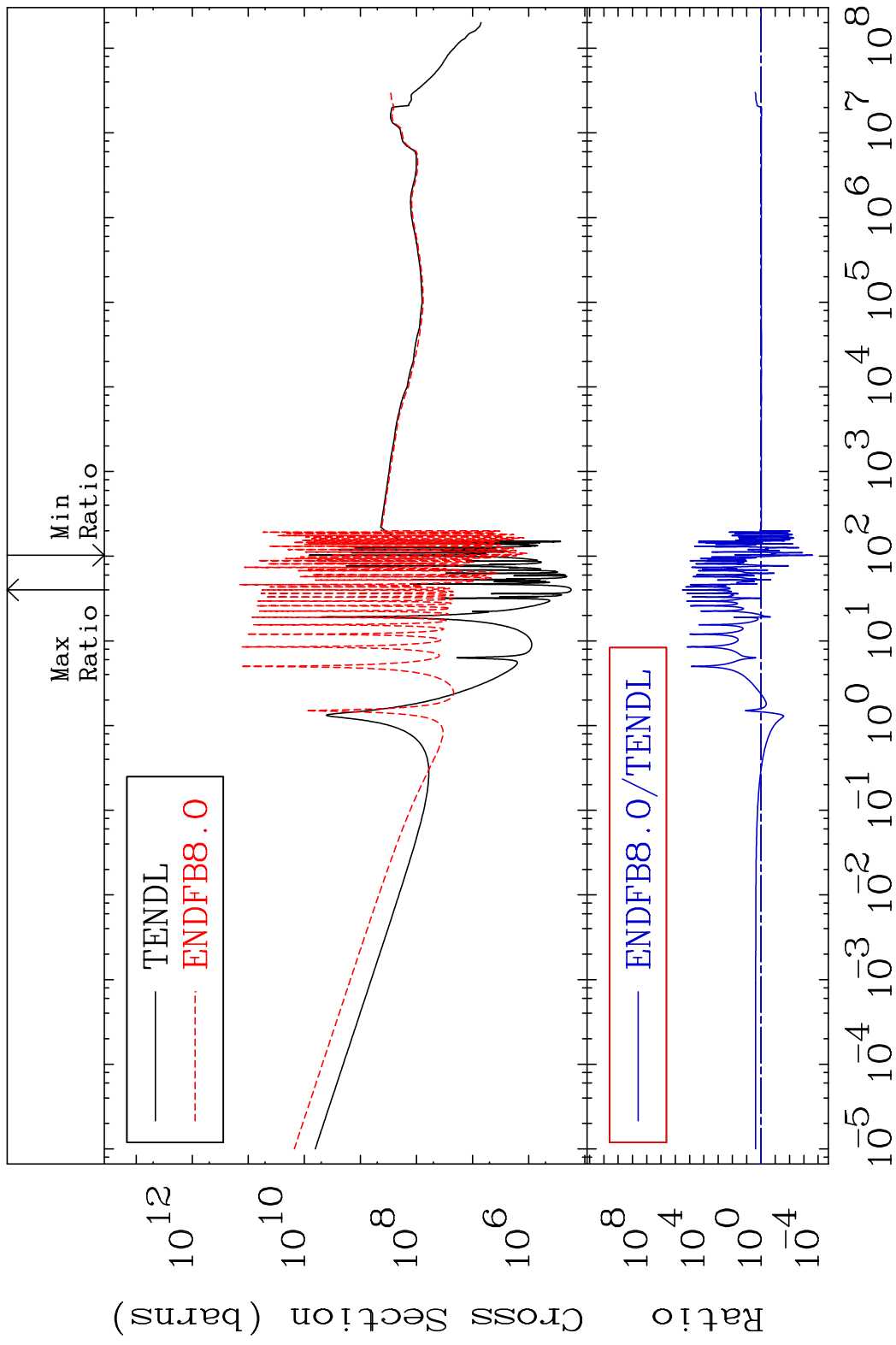
MAT 9234 Kerma non-elastic (all but mt2) 92-U -237
 Cross Section -99.98 To 9999. %



MAT 9234 Kerma inelastic (mt51-91) 92-U -237
 Cross Section -100.0 To 9999. %

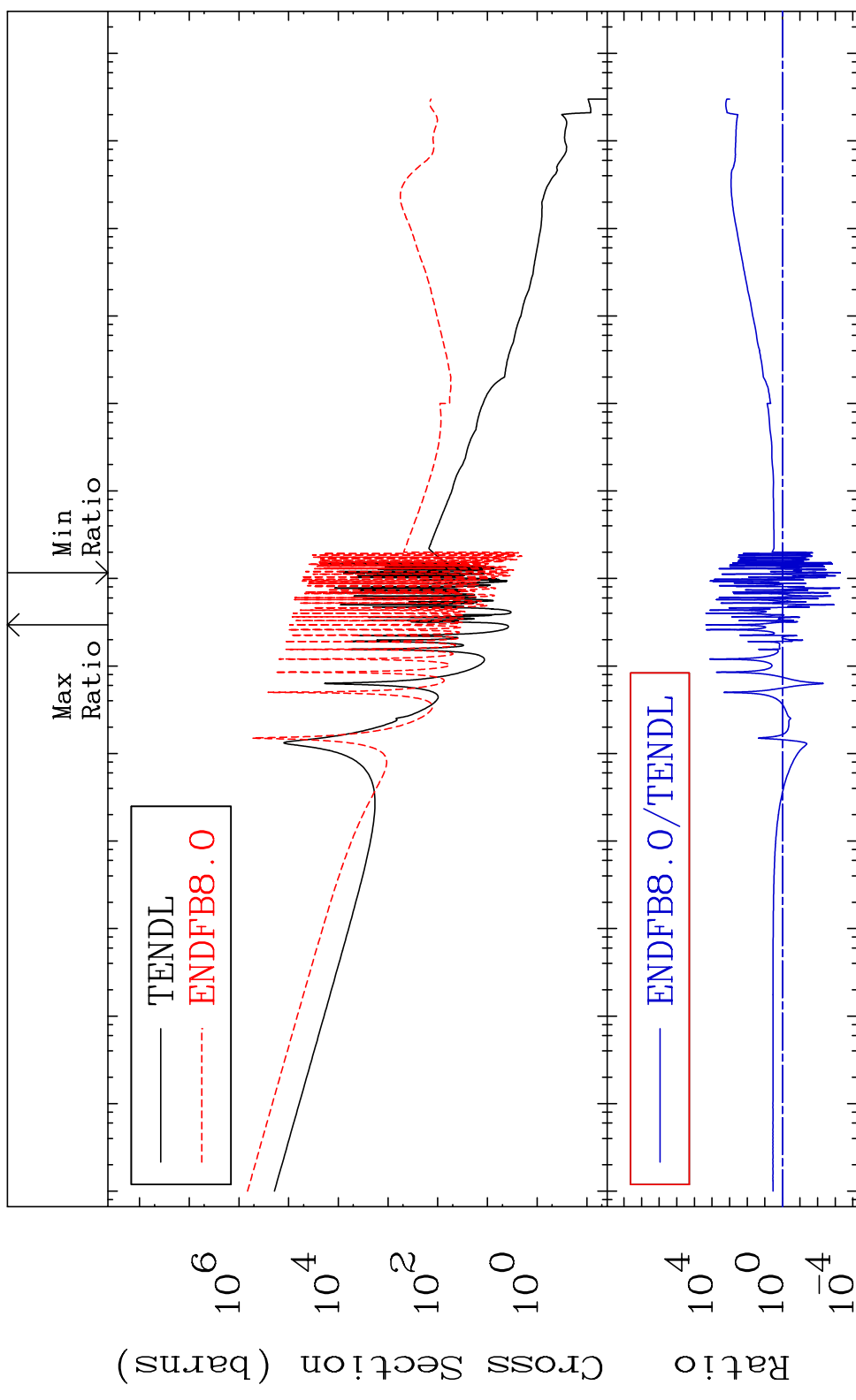


MAT 9234 Kerma fission (mt18 or mt19-20-21-38)2-U -237
 Cross Section -99.98 To 9999. %



MAT 9234

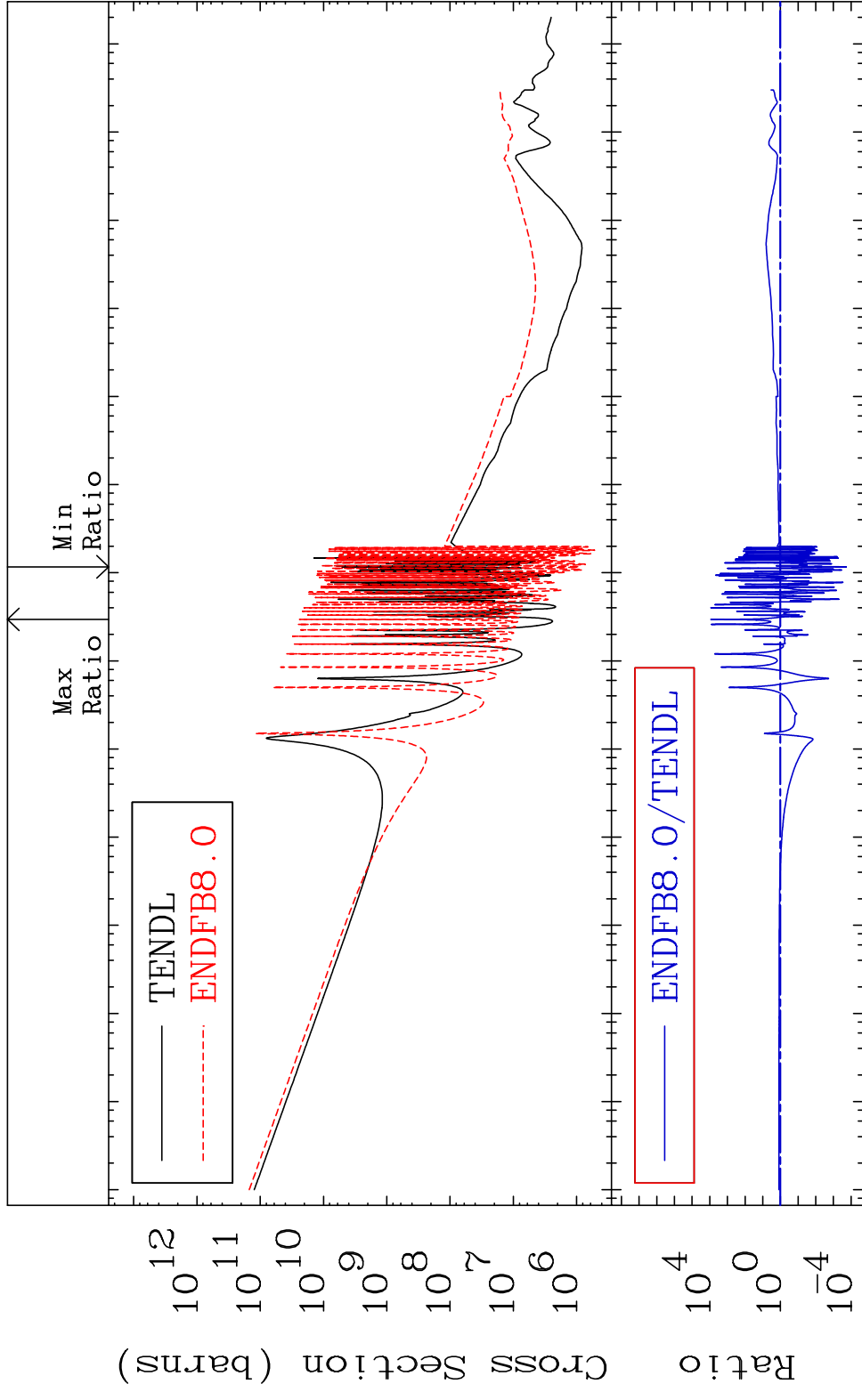
Kerma capture (mt102) 92-U -237
Cross Section -99.95 To 9999. %



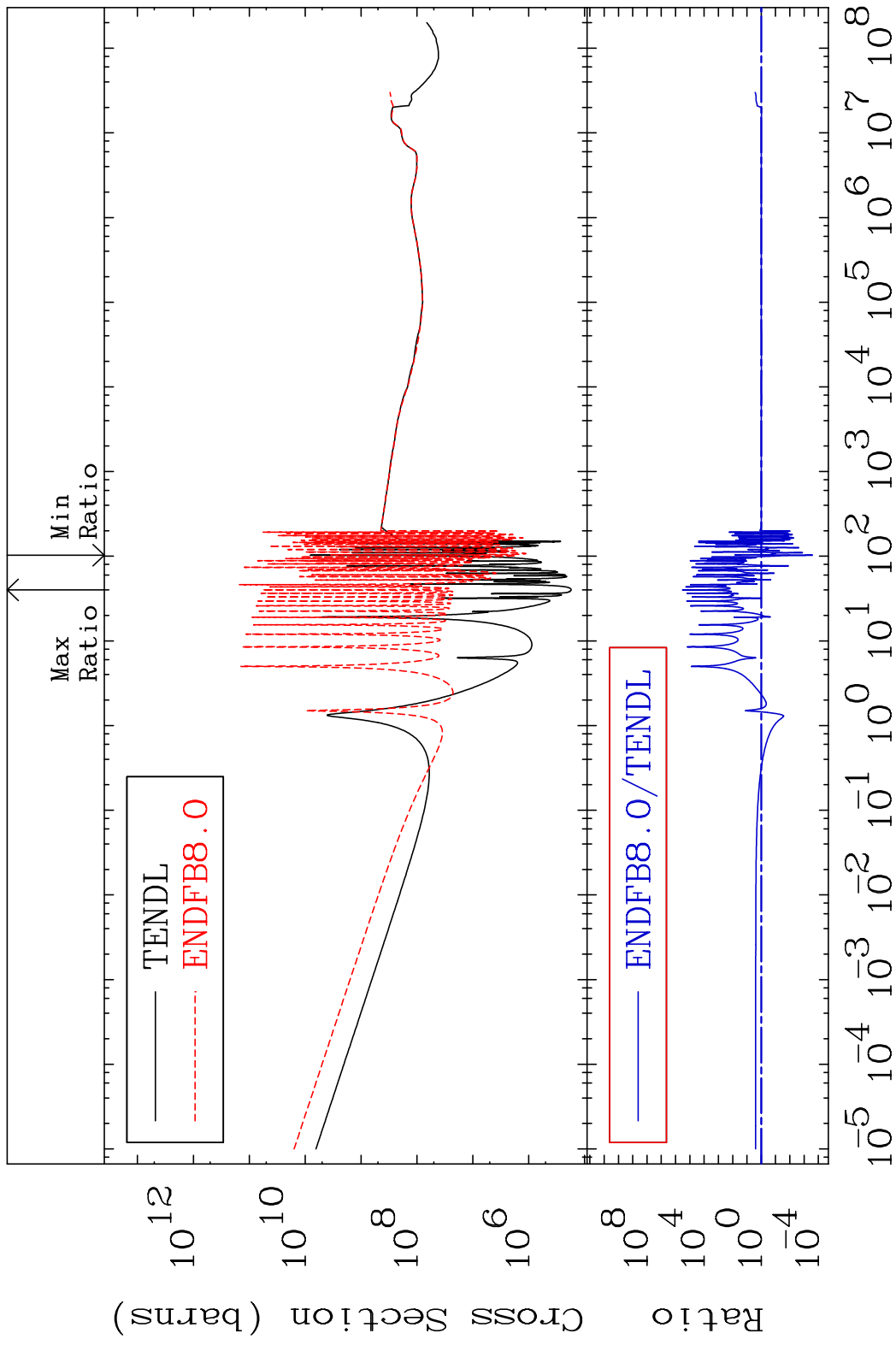
40

Incident Energy (eV) 92-U -237

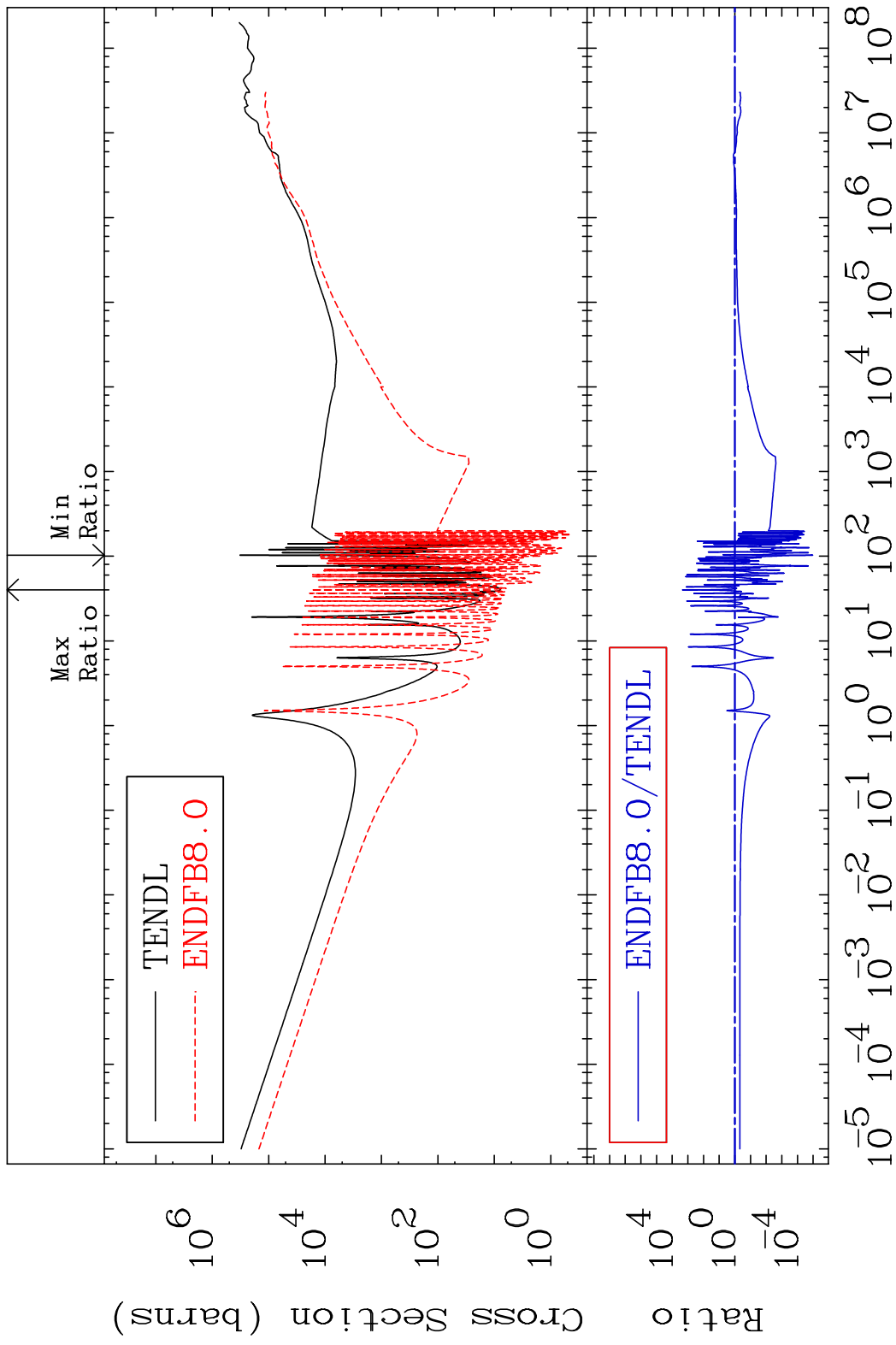
MAT 9234 Total photon (eV-barns) 92-U -237
 Cross Section -99.98 To 9999. %



MAT 9234 Total kinematic kerma (high limit) 92-U -237
 Cross Section -99.97 To 9999. %



MAT 9234 Dpa total (eV-barns) 92-U -237
 Cross Section -100.0 To 9999. %

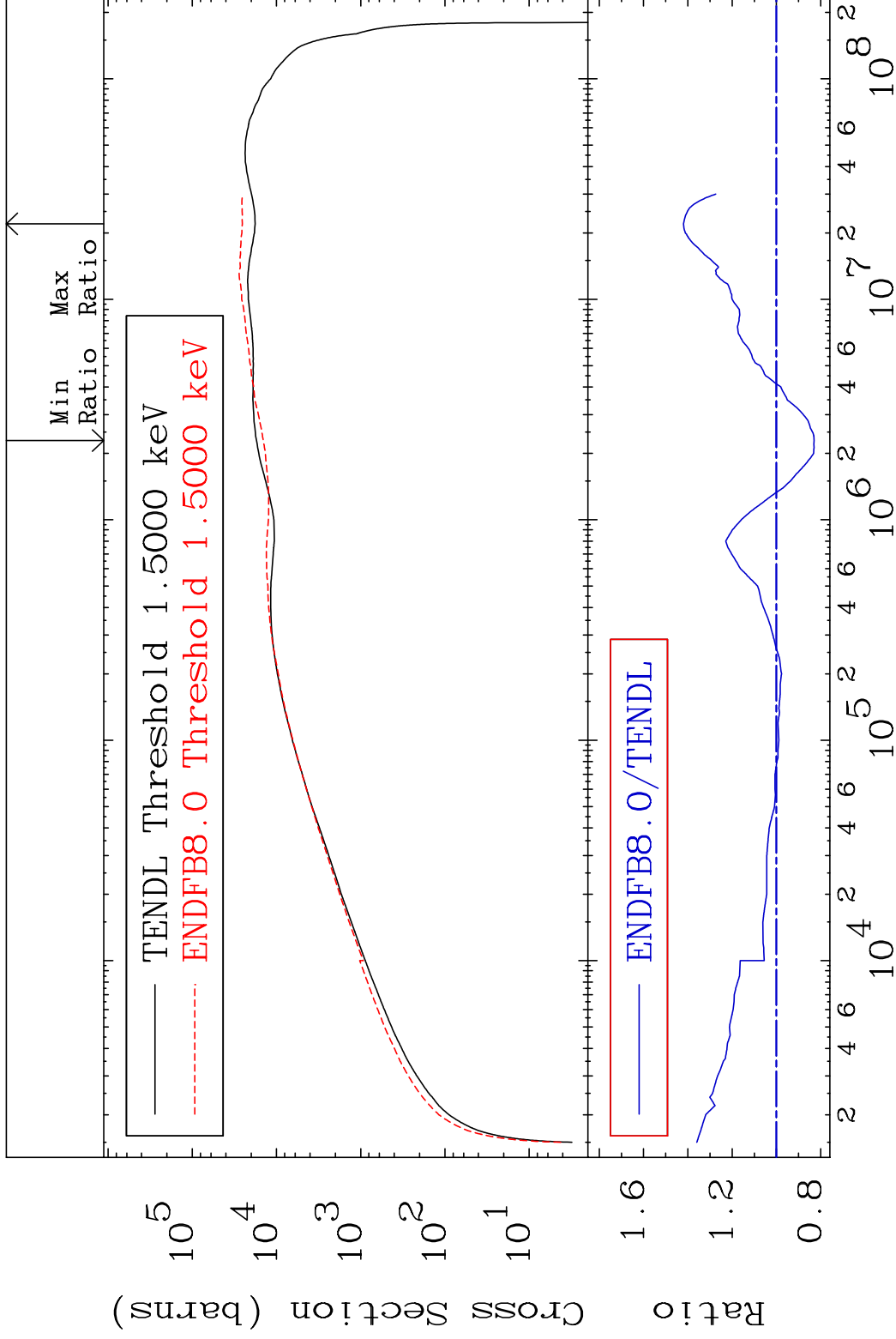


MAT 9234

Dpa elastic (mt2)

92-U -237

Cross Section -16.98 To 41.98 %

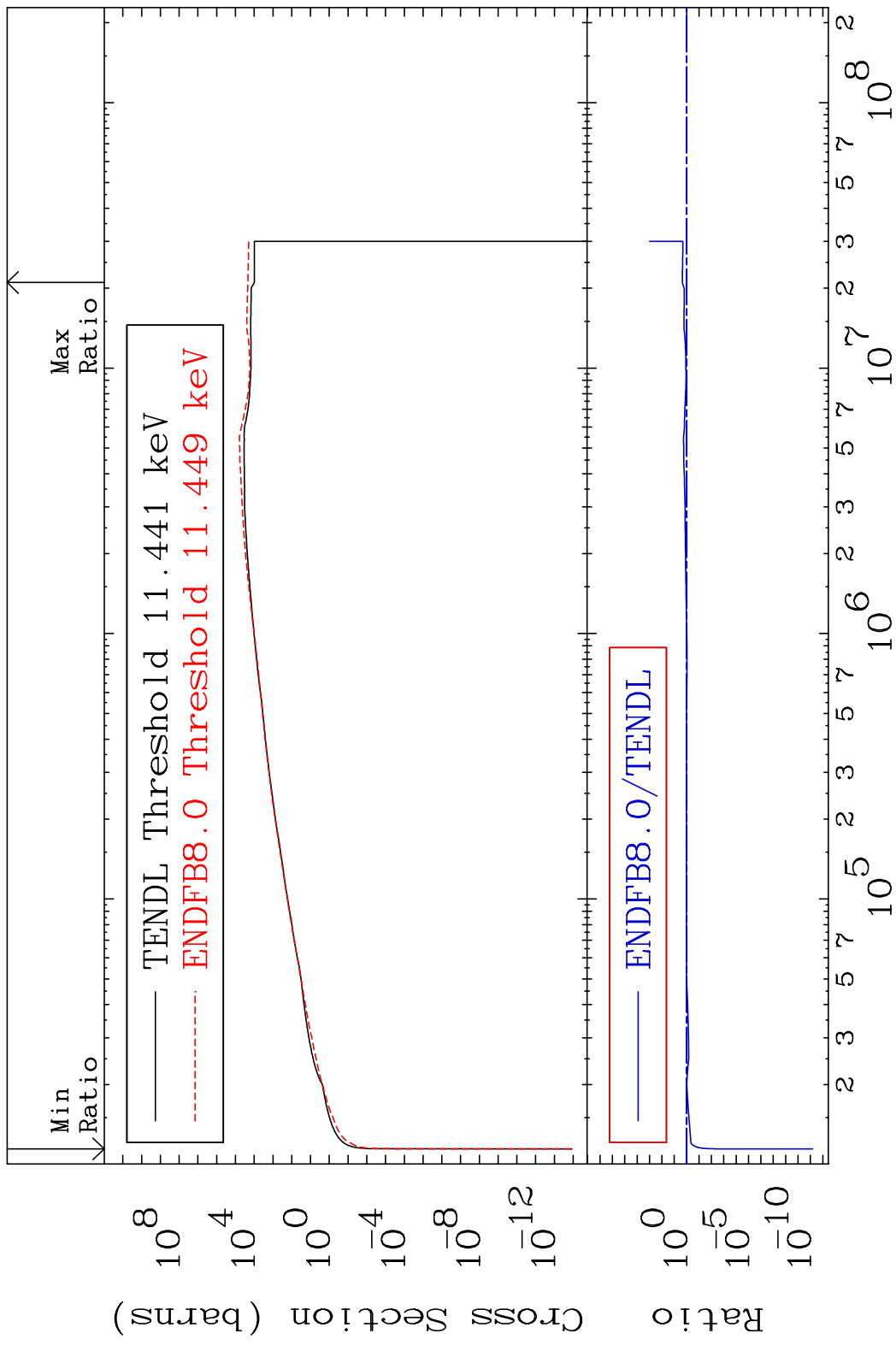


44

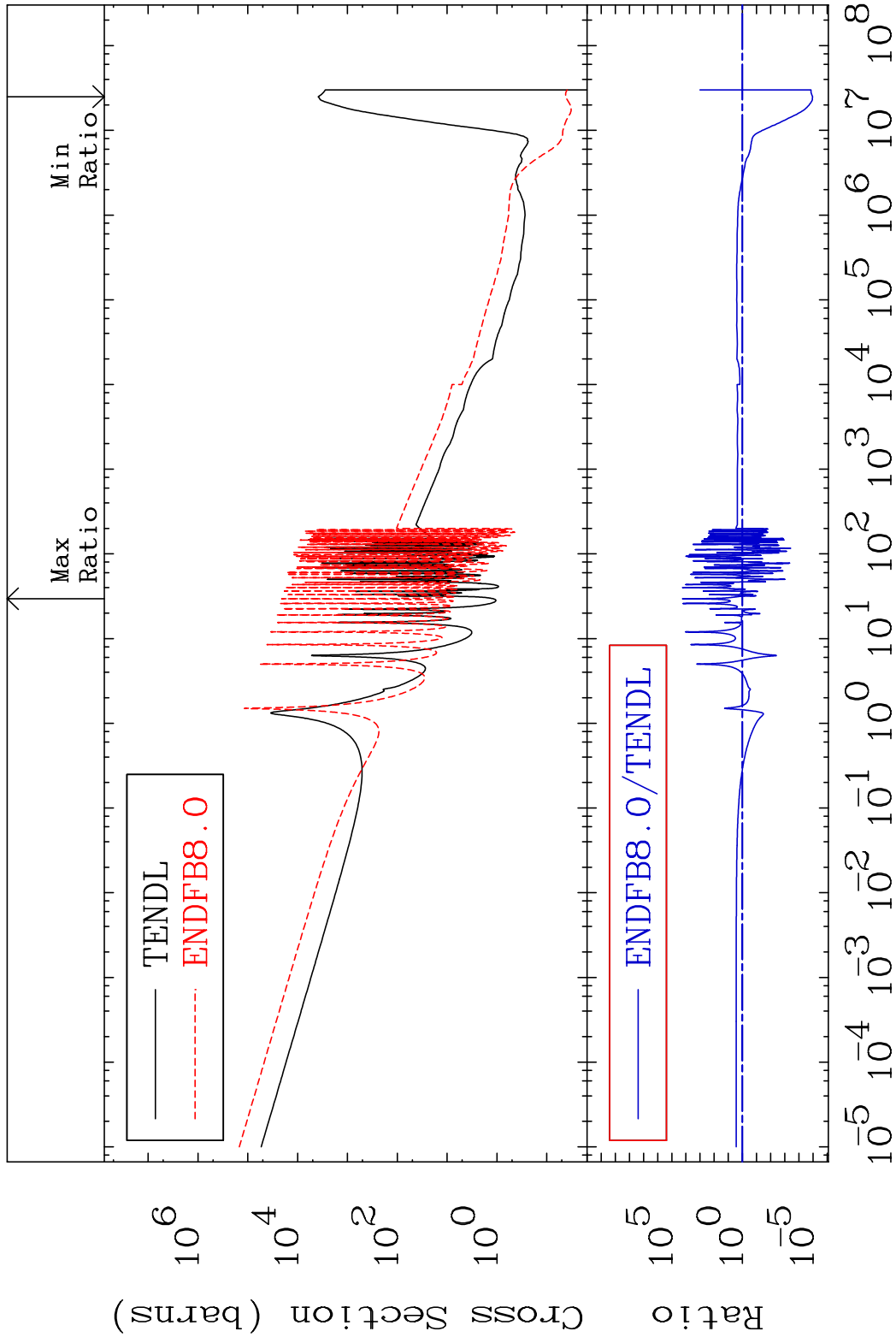
Incident Energy (eV)

92-U -237

MAT 9234 Dpa inelastic (mt51-91) 92-U -237
 Cross Section -100.0 To 121.5 %



MAT 9234 Dpa disappearance (mt102 -120) 92-U -237
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 92-U -237