

Program Complot
(Version 2018-1)

by

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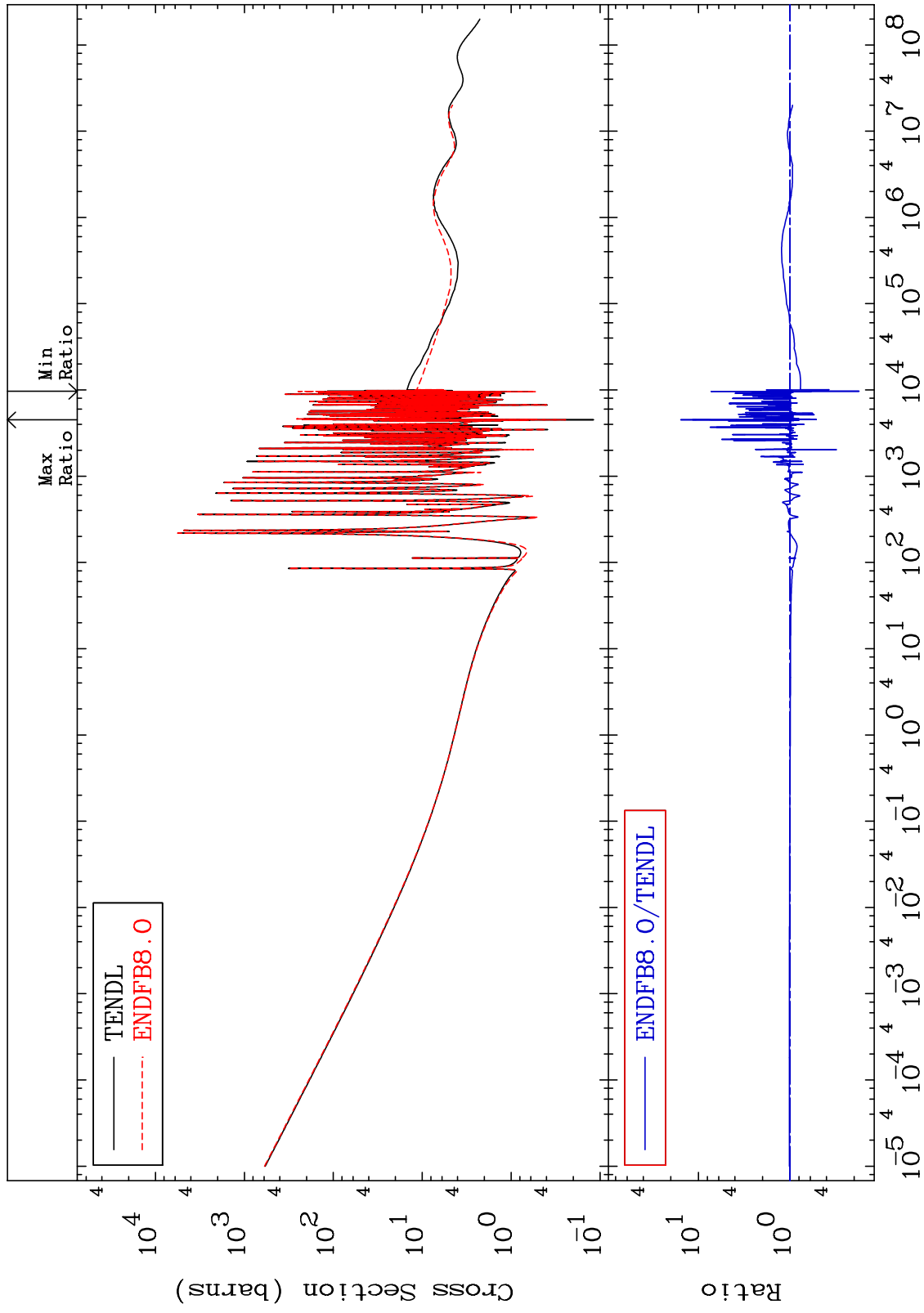
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5925

Total
Cross Section

59-Pr-141
-82.29 To 1463. %



1

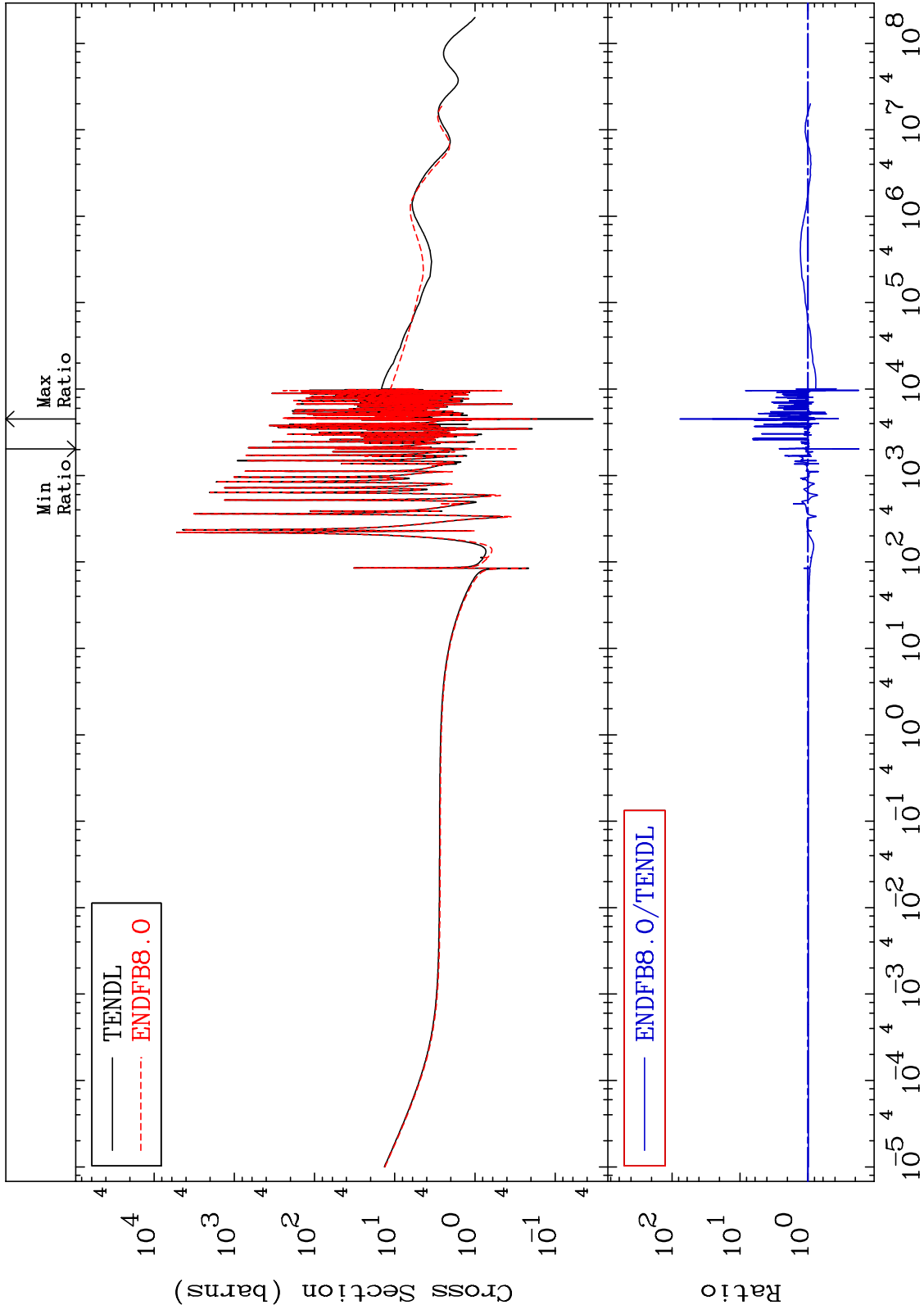
Incident Energy (eV)

59-Pr-141

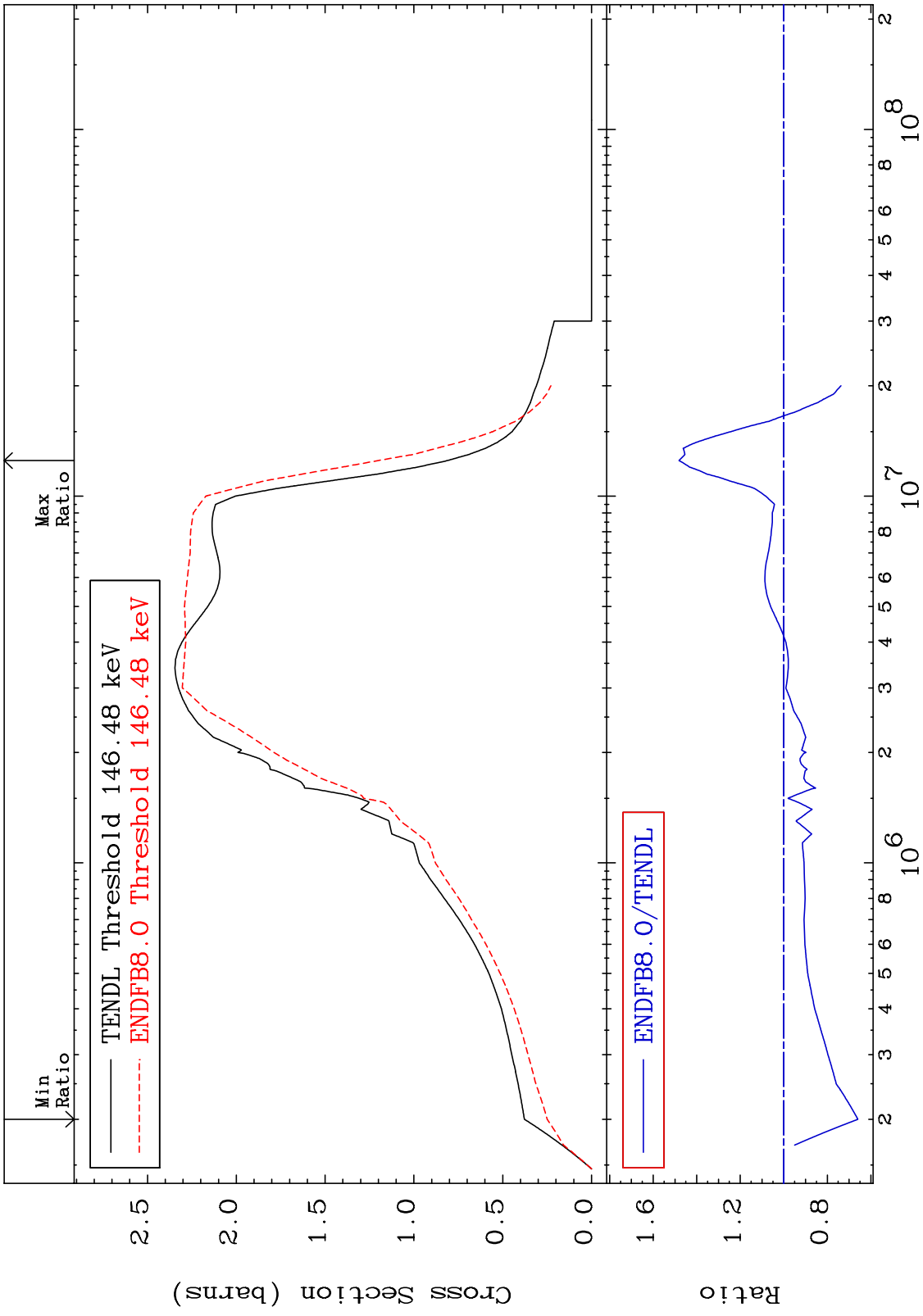
MAT 5925

Elastic
Cross Section

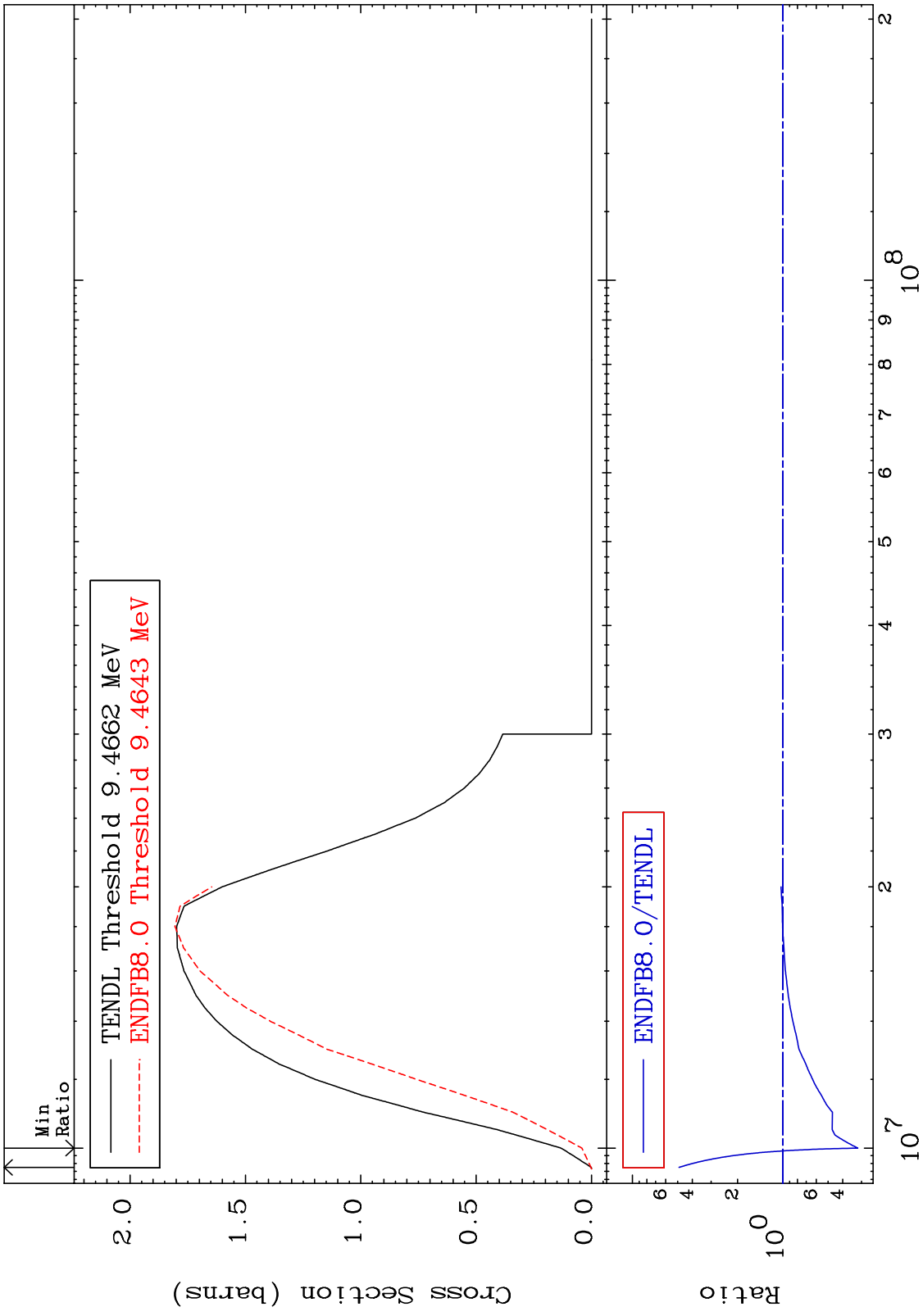
59-Pr-141
-82.24 To 7469. %



MAT 5925 Inelastic Cross Section 59-Pr-141 -34.03 To 48.12 %



MAT 5925 (n,2n) Cross Section 59-Pr-141 -68.28 To 389.2 %



4 59-Pr-141

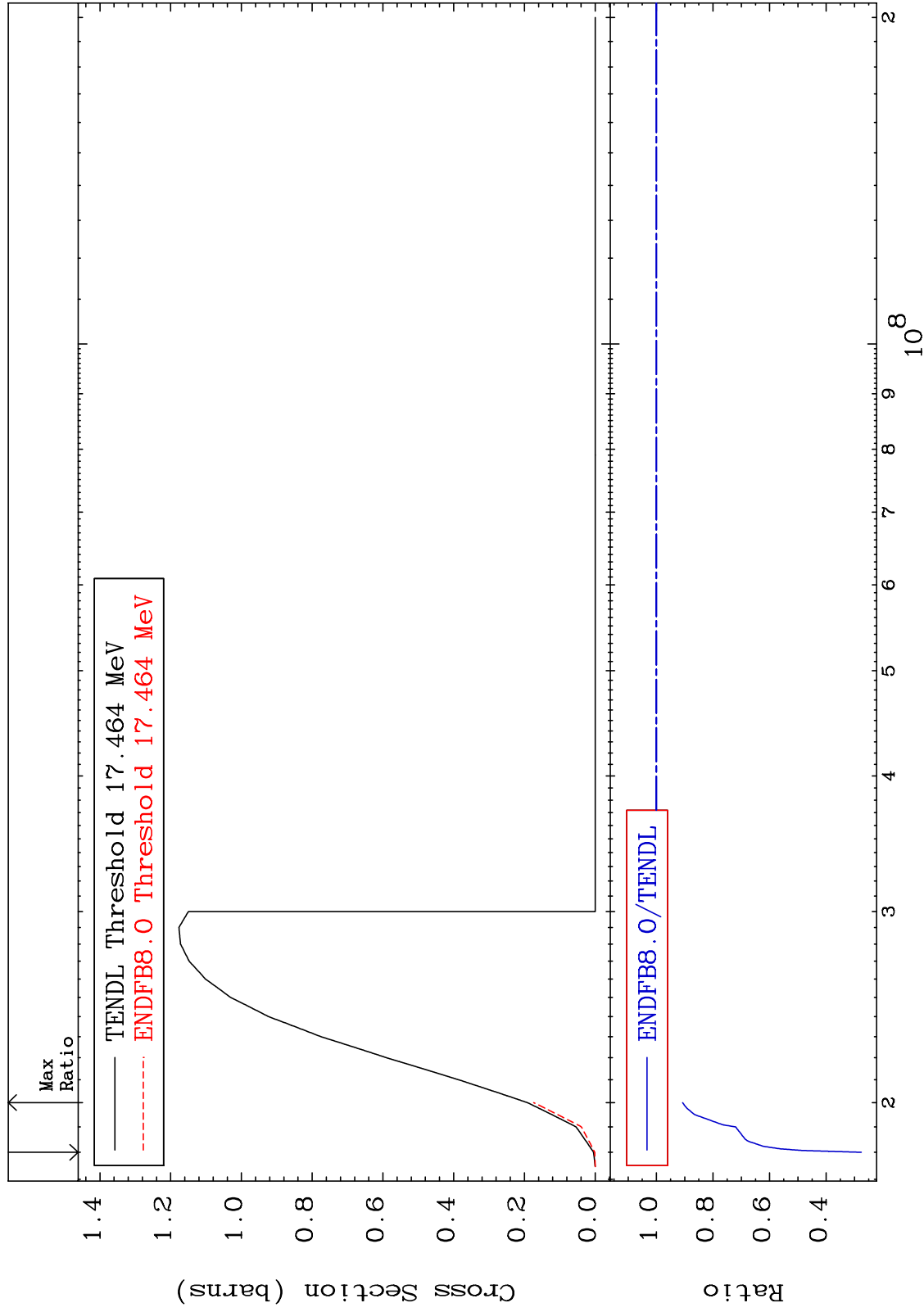
MAT 5925

(n,3n)

59-Pr-141

Cross Section

-72.41 To -9.279%



5

Incident Energy (eV)

59-Pr-141

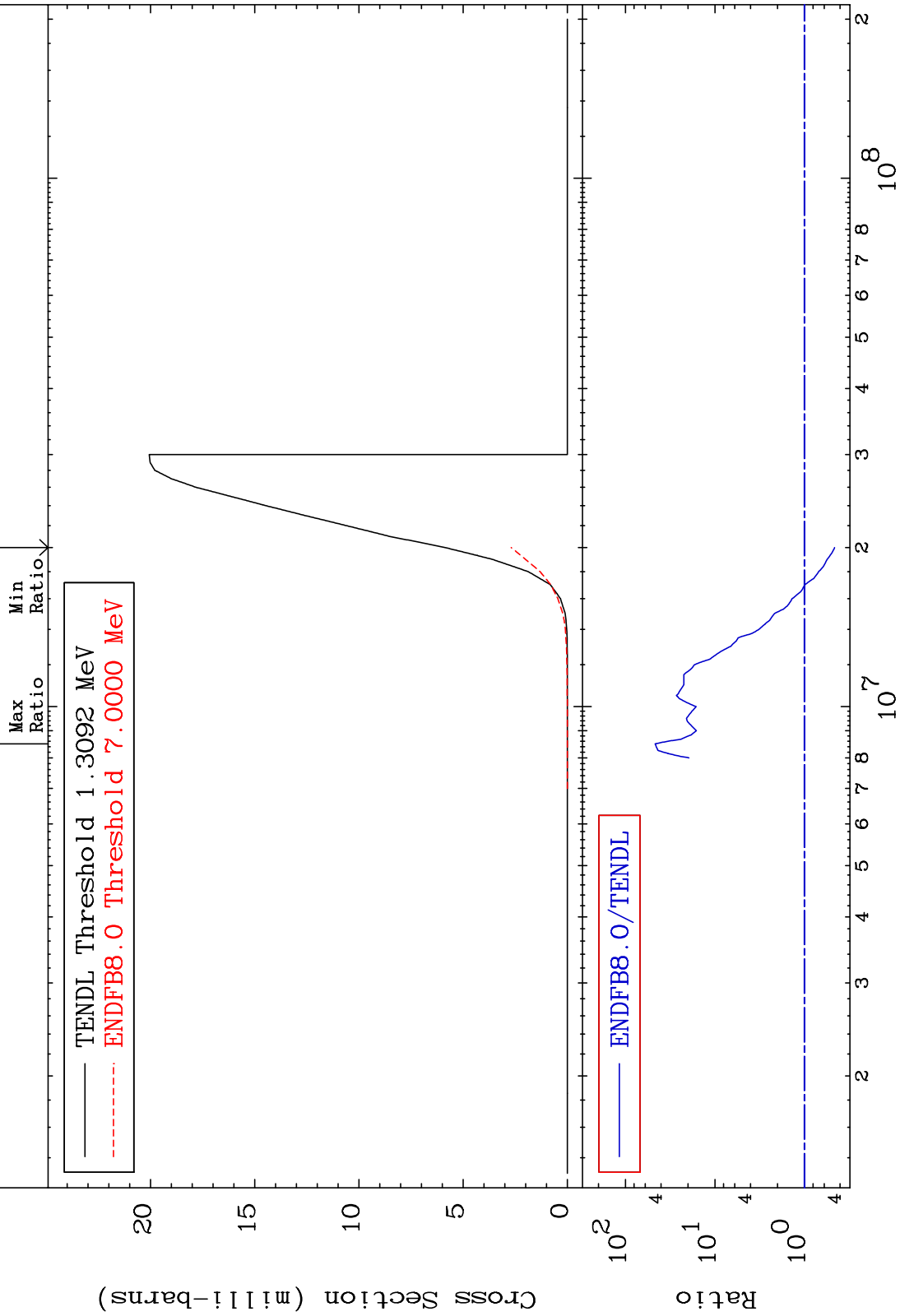
MAT 5925

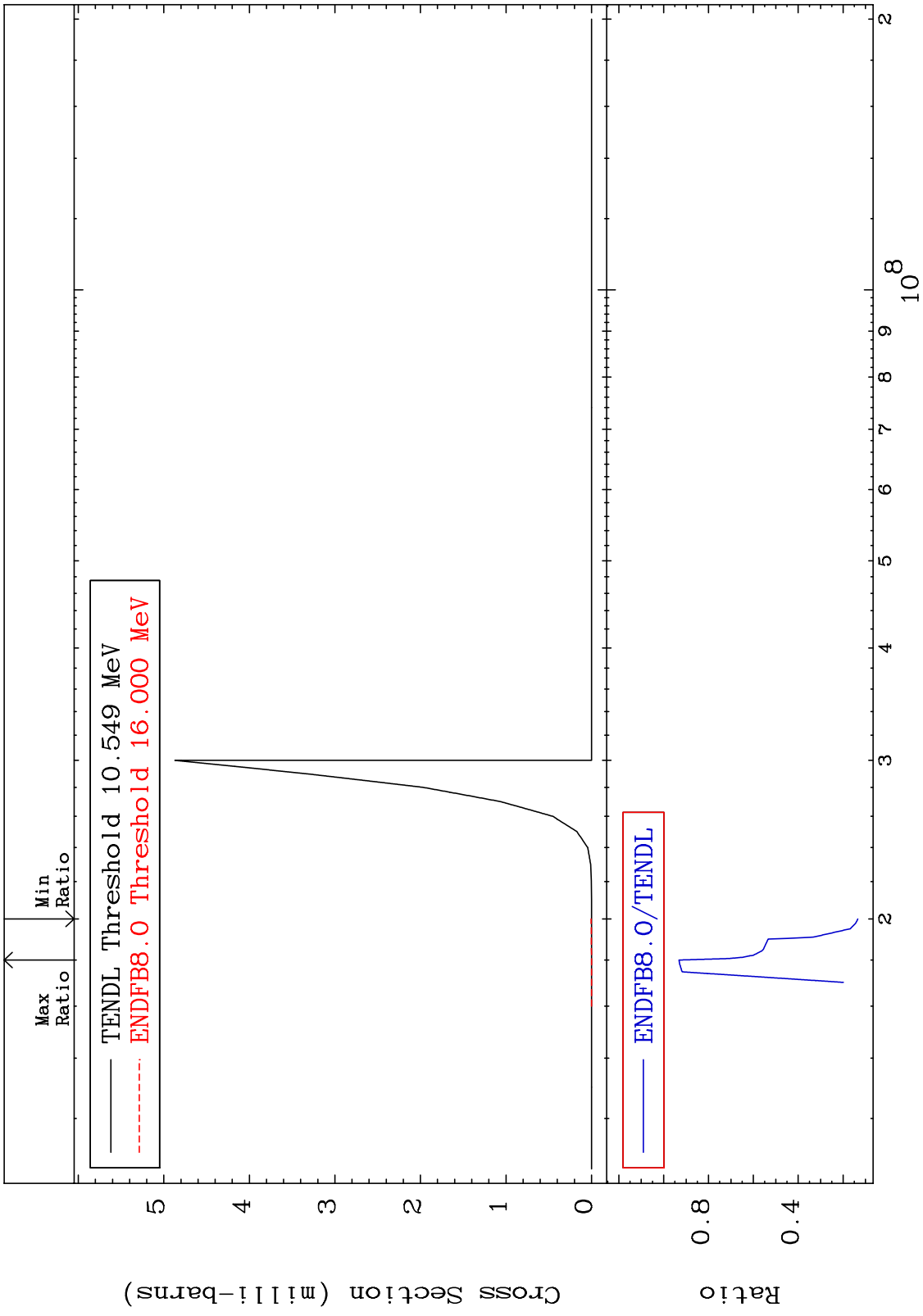
(n, n') α

59-Pr-141

-54.04 To 4552. %

Cross Section

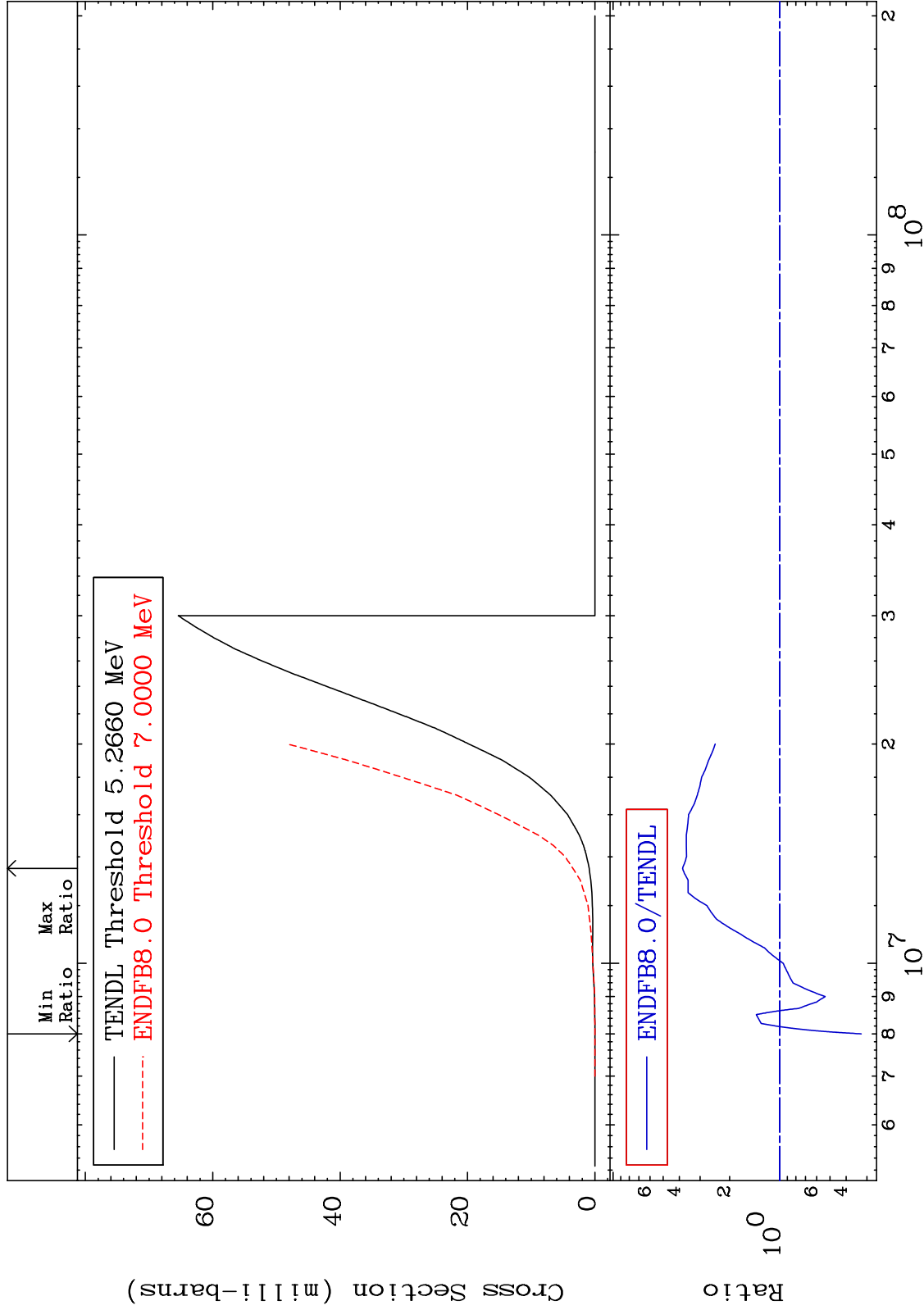




MAT 5925

(n,n') p
Cross Section

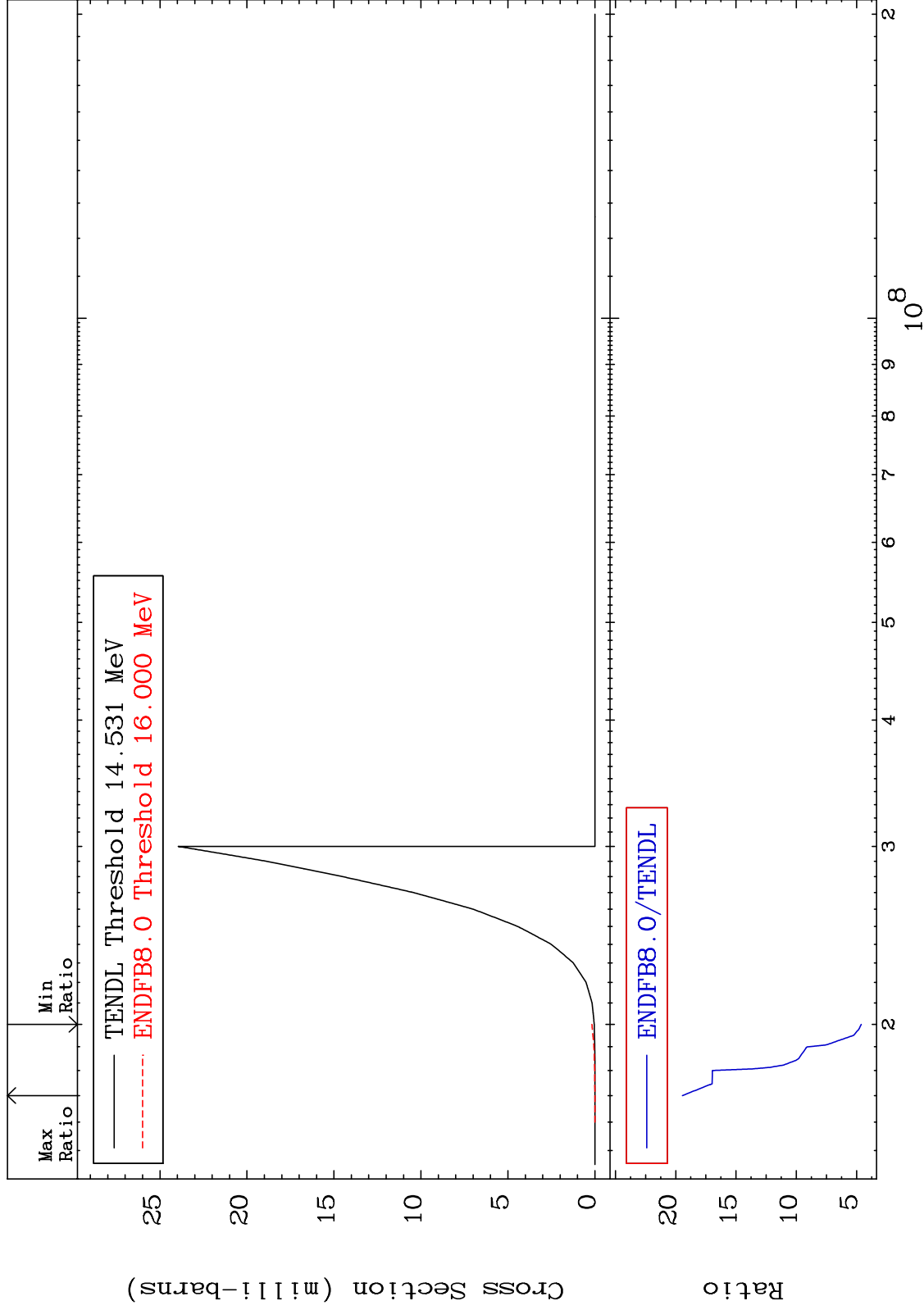
59-Pr-141
-67.59 To 283.3 %



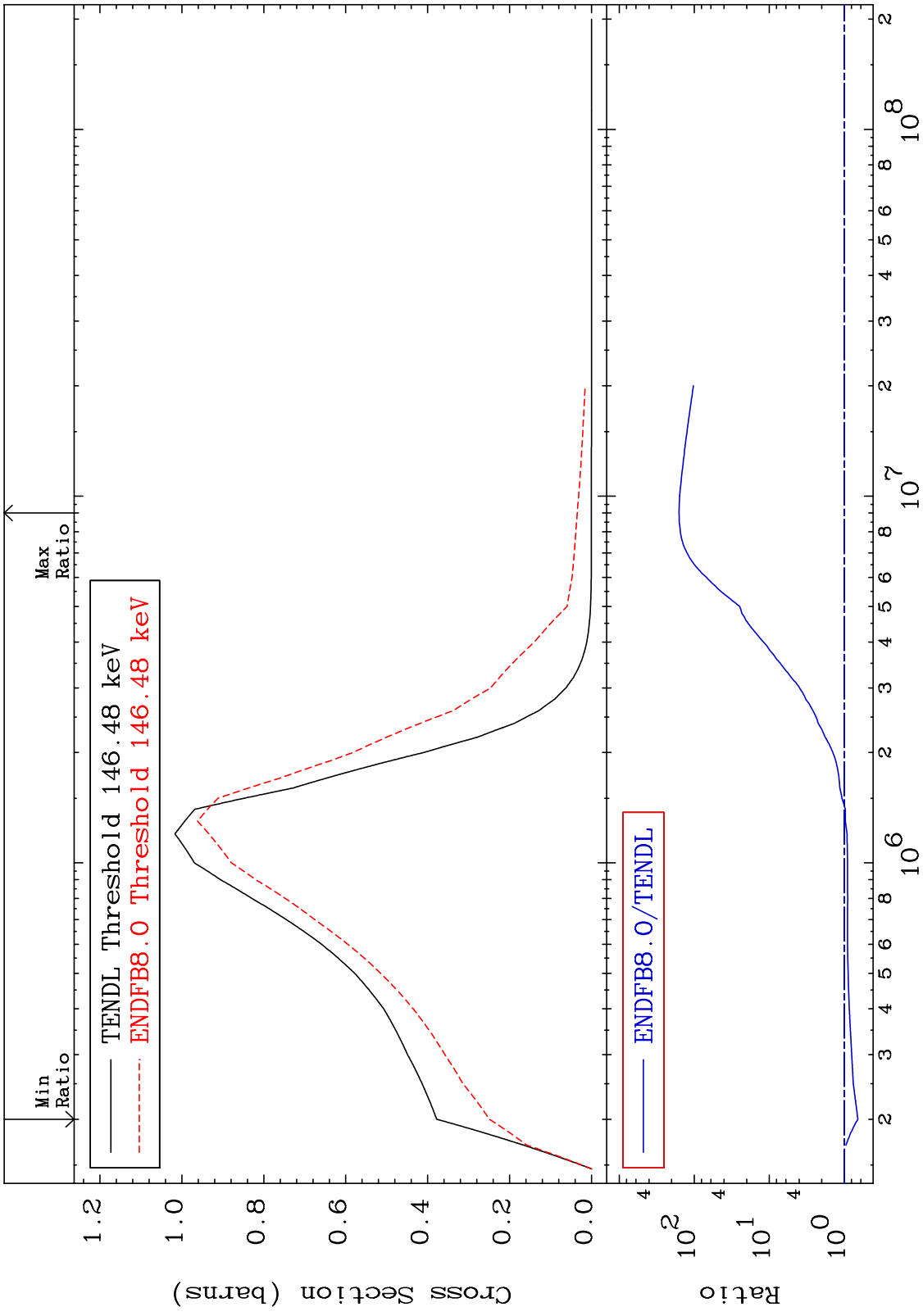
MAT 5925

(n,2n) p
Cross Section

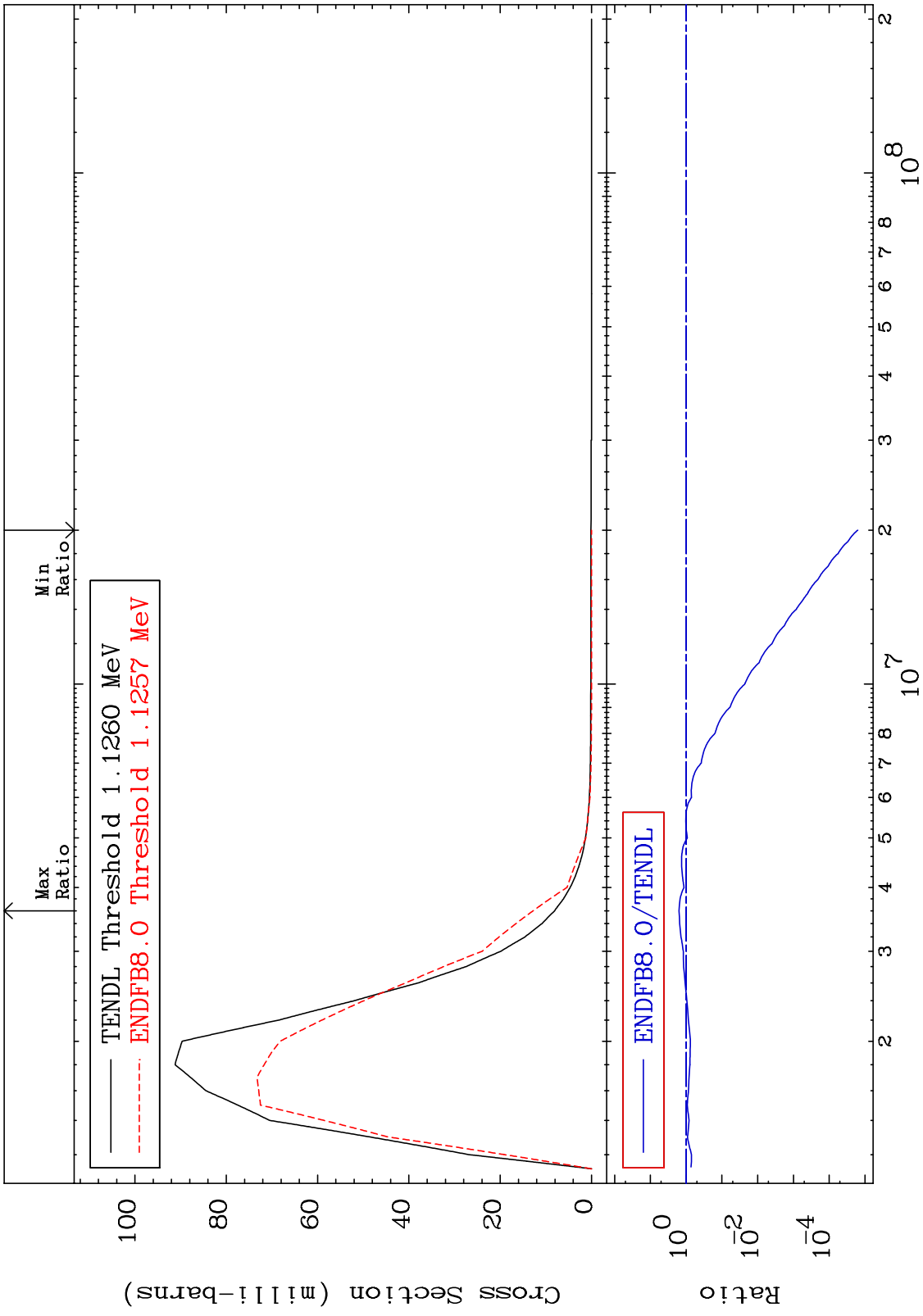
59-Pr-141
361.9 To 1844. %



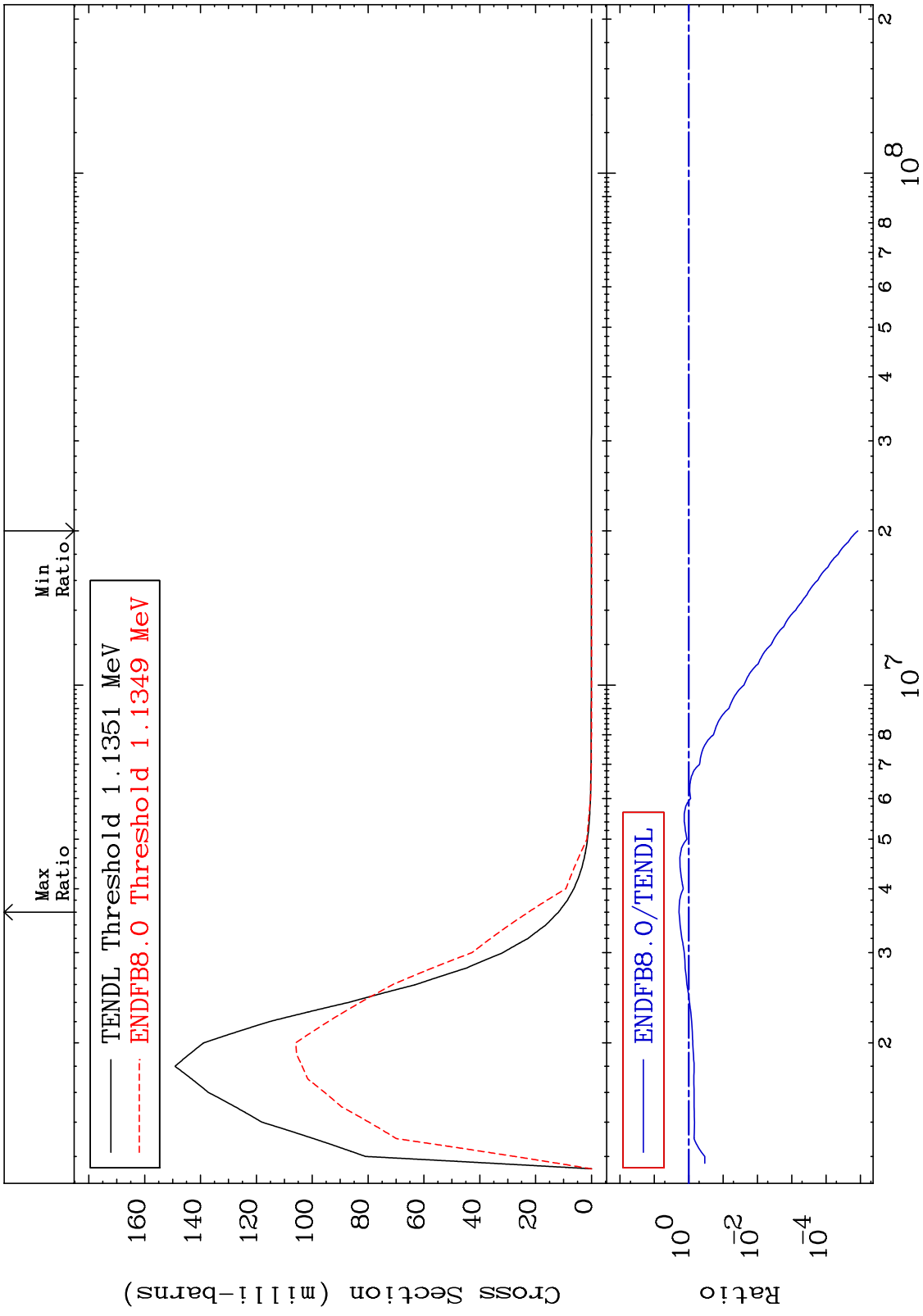
MAT 5925 MT= 51 (n,n') Level Cross Section 59-Pr-141
 -34.03 To 9999. %



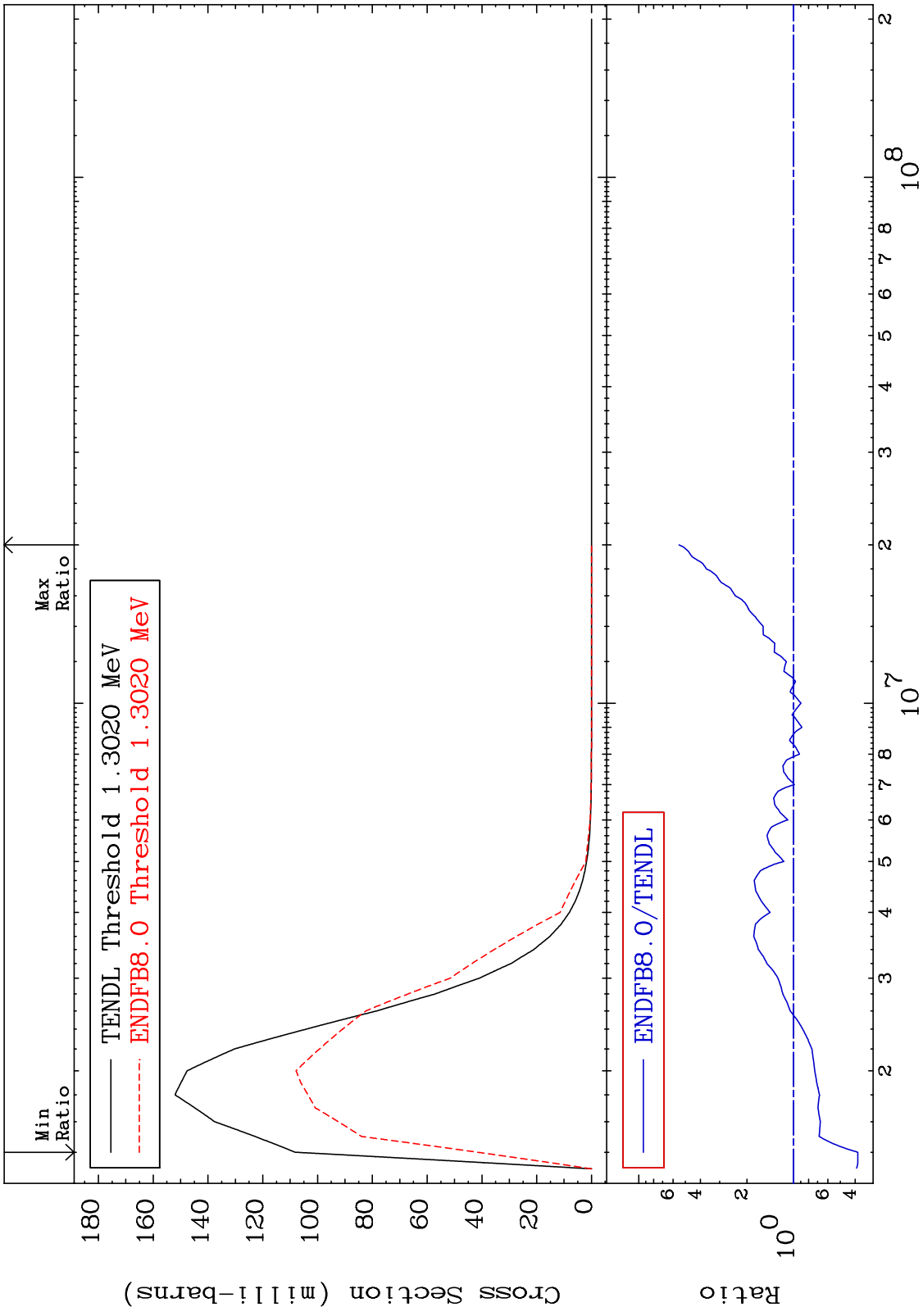
MAT 5925 MT= 52 (n,n') Level Cross Section 59-Pr-141 -100.0 To 57.99 %



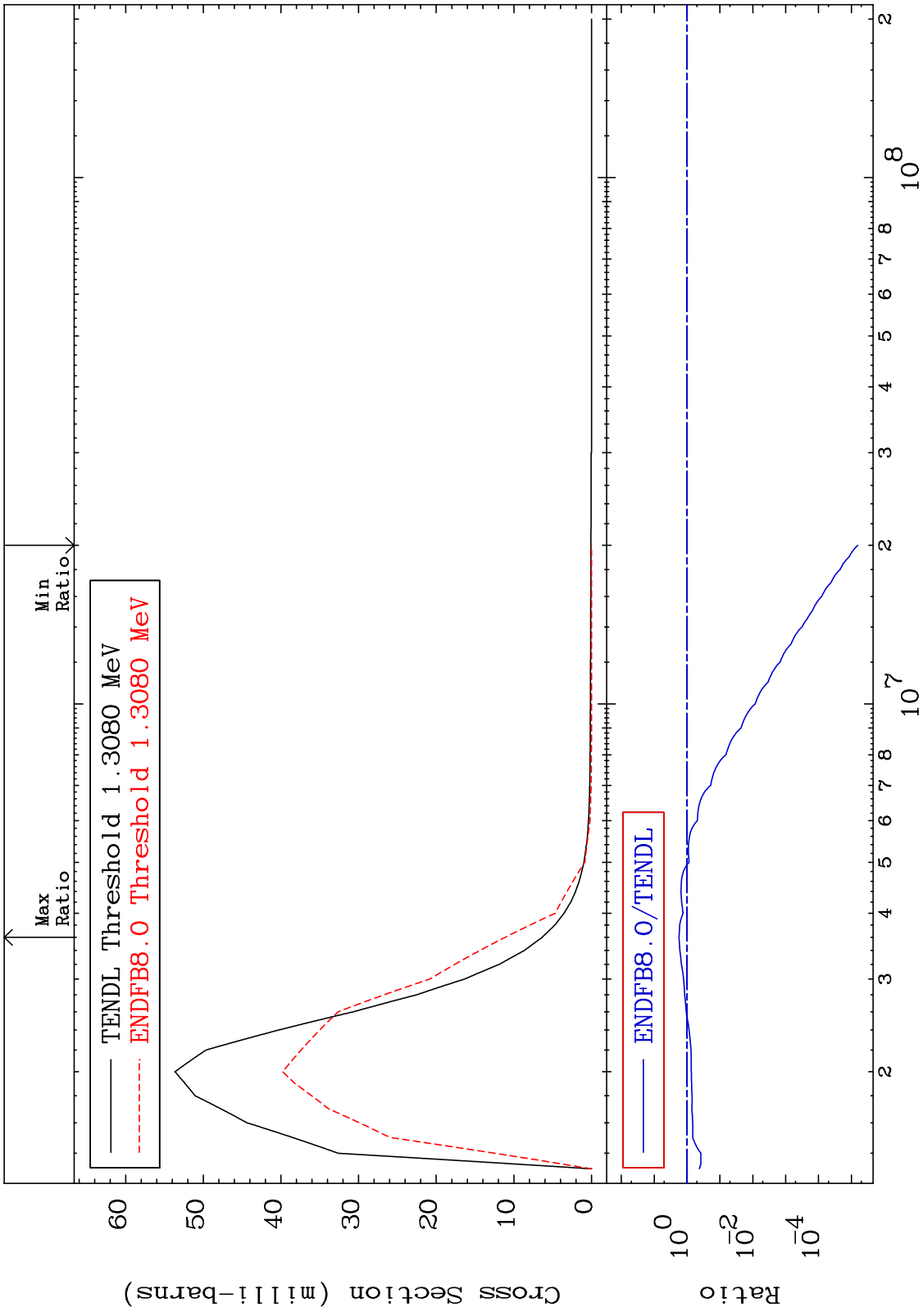
MAT 5925 MT= 53 (n,n') Level Cross Section 59-Pr-141 -100.0 To 91.37 %



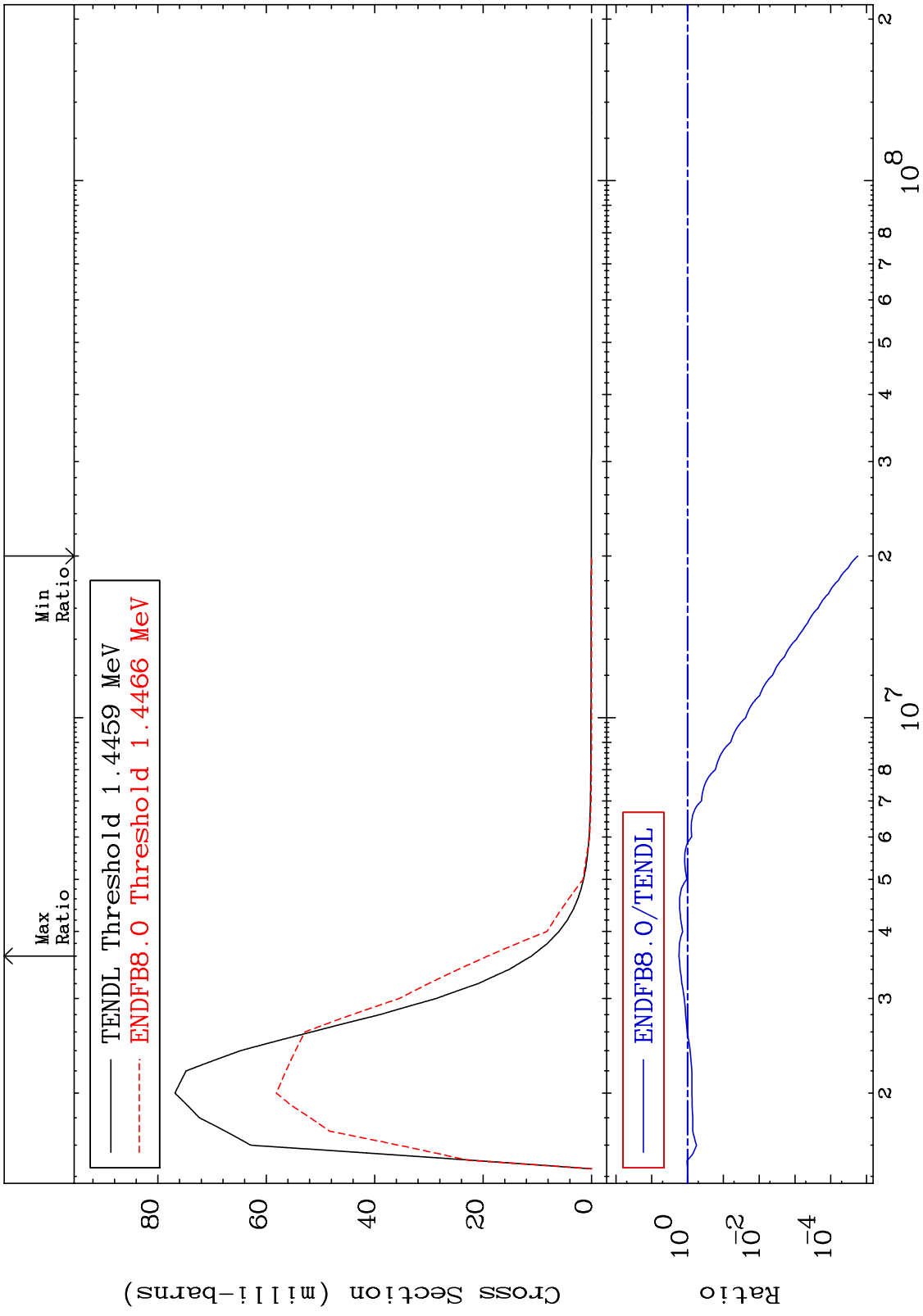
MAT 5925 MT= 54 (n,n') Level Cross Section 59-Pr-141 -61.53 To 448.6 %



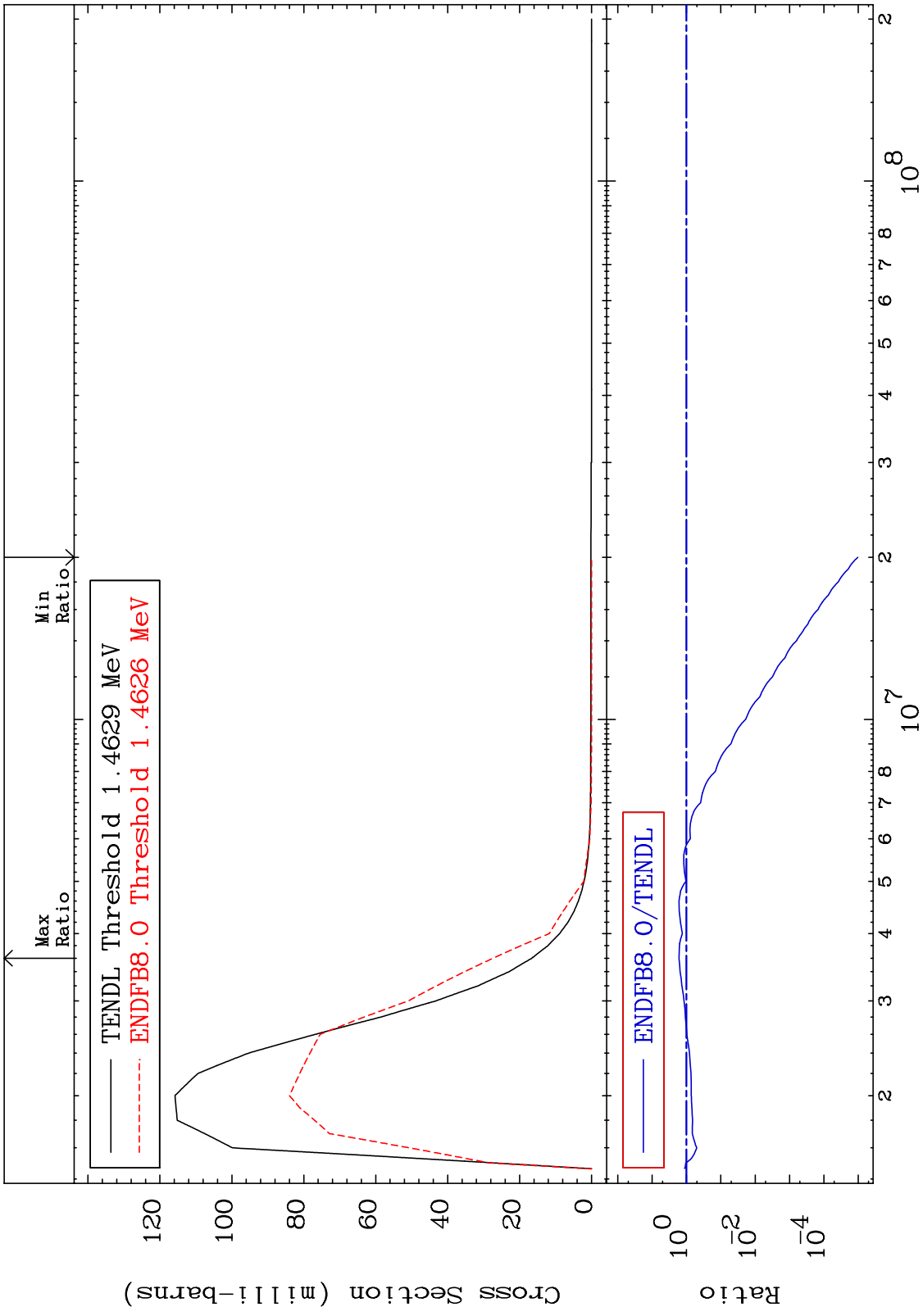
MAT 5925 MT= 55 (n,n') Level Cross Section 59-Pr-141 -100.0 To 75.29 %



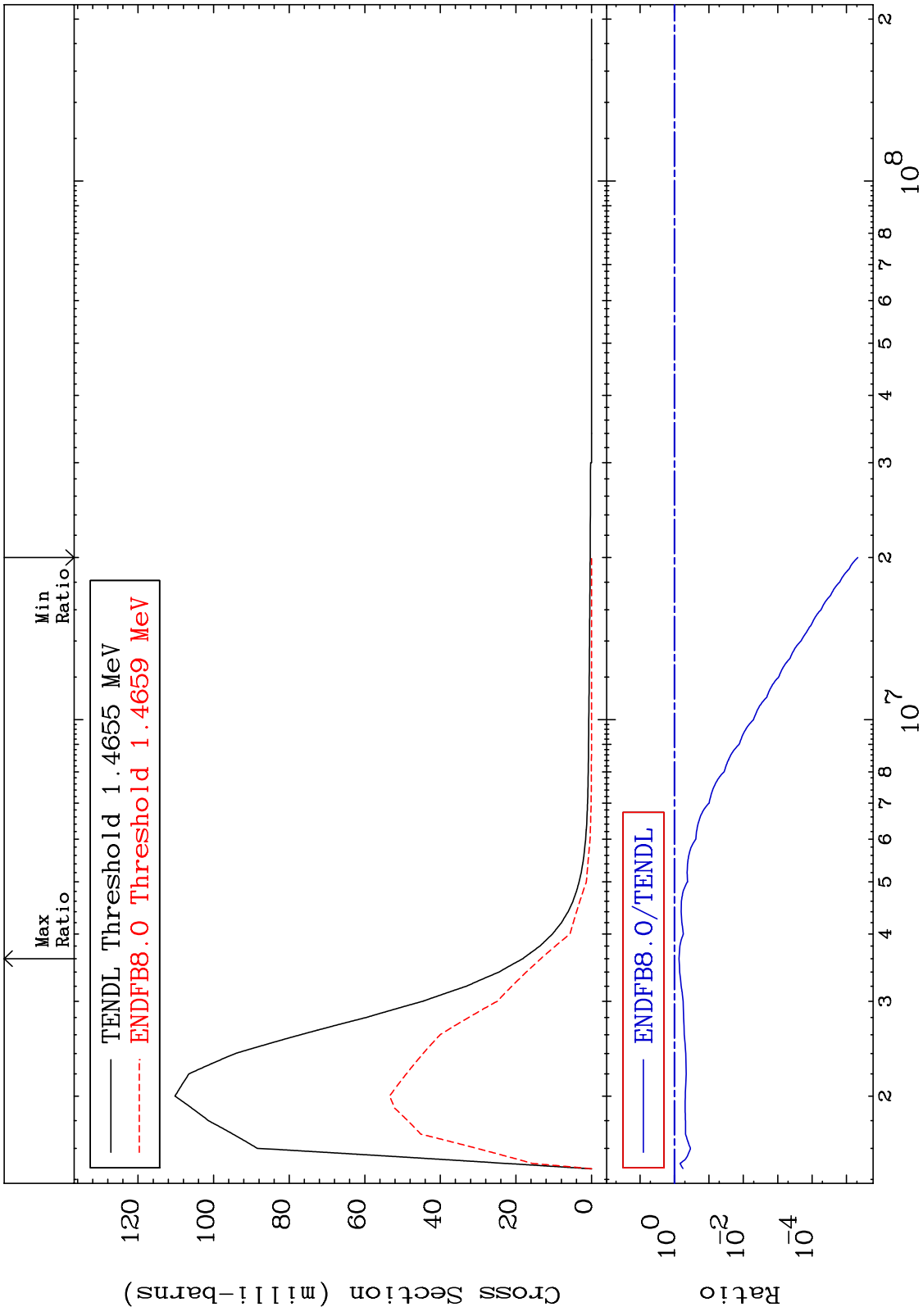
MAT 5925 MT= 56 (n,n') Level Cross Section 59-Pr-141 -100.0 To 72.75 %



MAT 5925 MT= 57 (n,n') Level Cross Section 59-Pr-141 -100.0 To 64.88 %



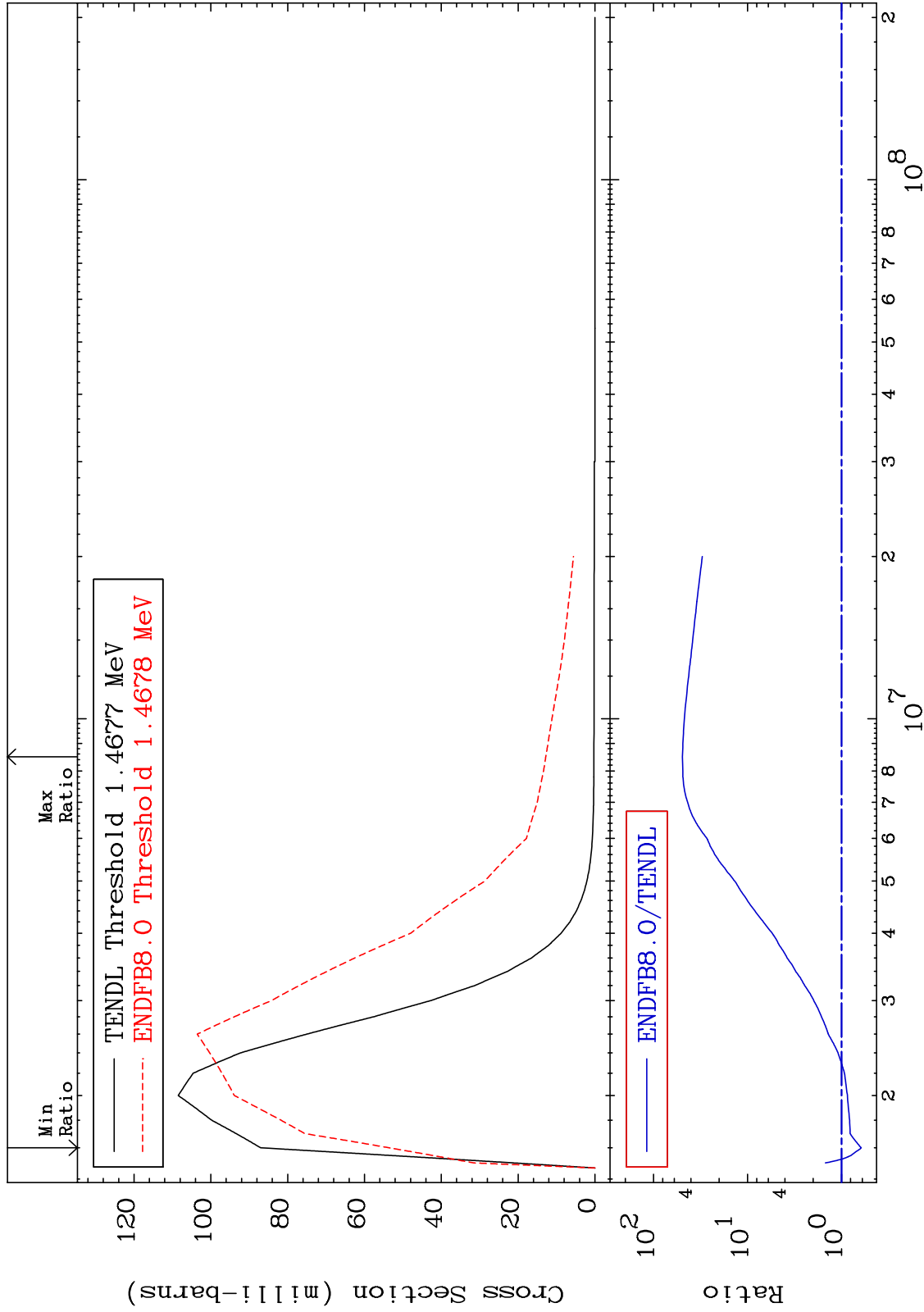
MAT 5925 MT= 58 (n,n') Level Cross Section 59-Pr-141
 -100.0 To -26.33%



MAT 5925

MT= 59 (n,n') Level
Cross Section

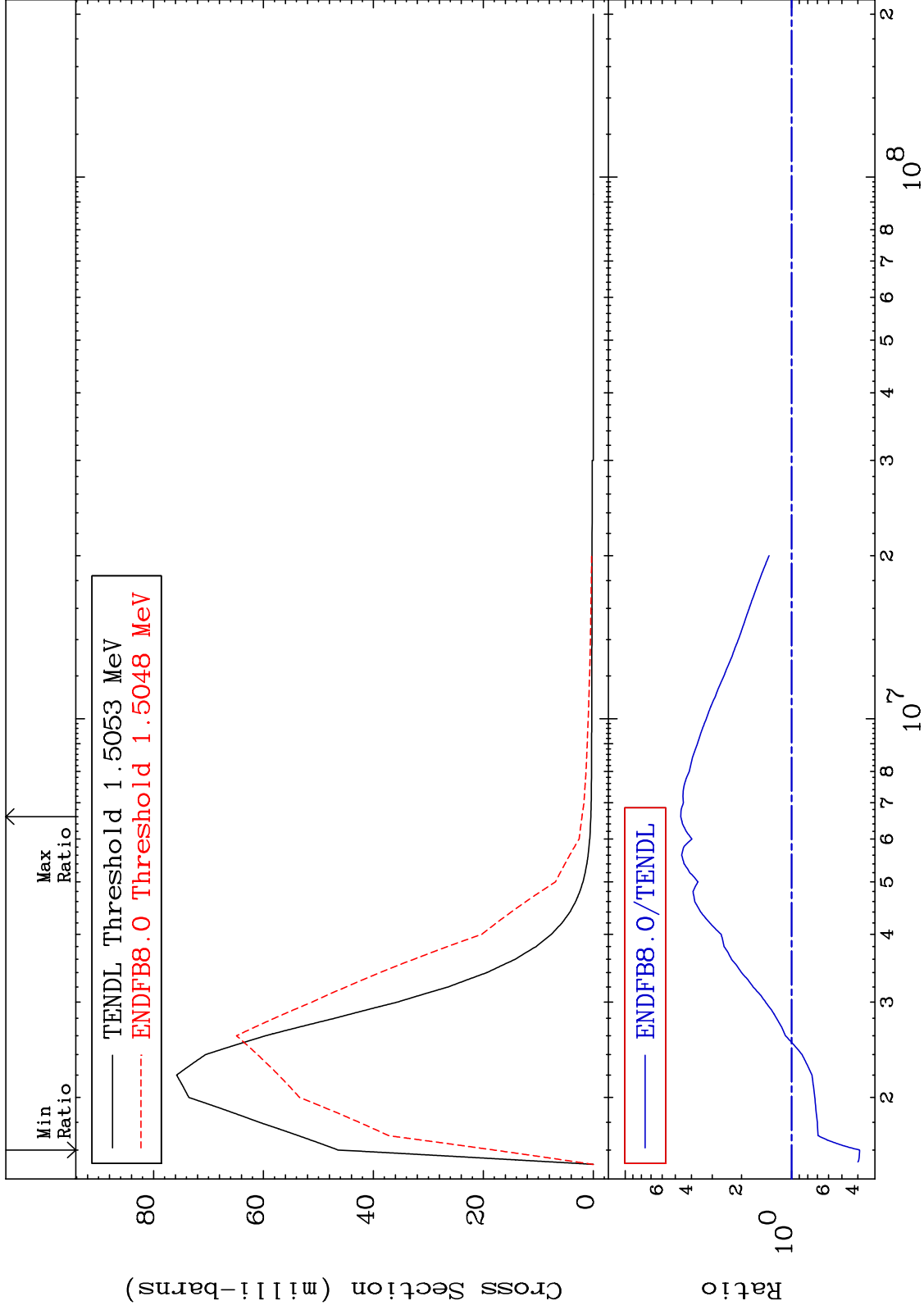
59-Pr-141
-38.47 To 4825. %



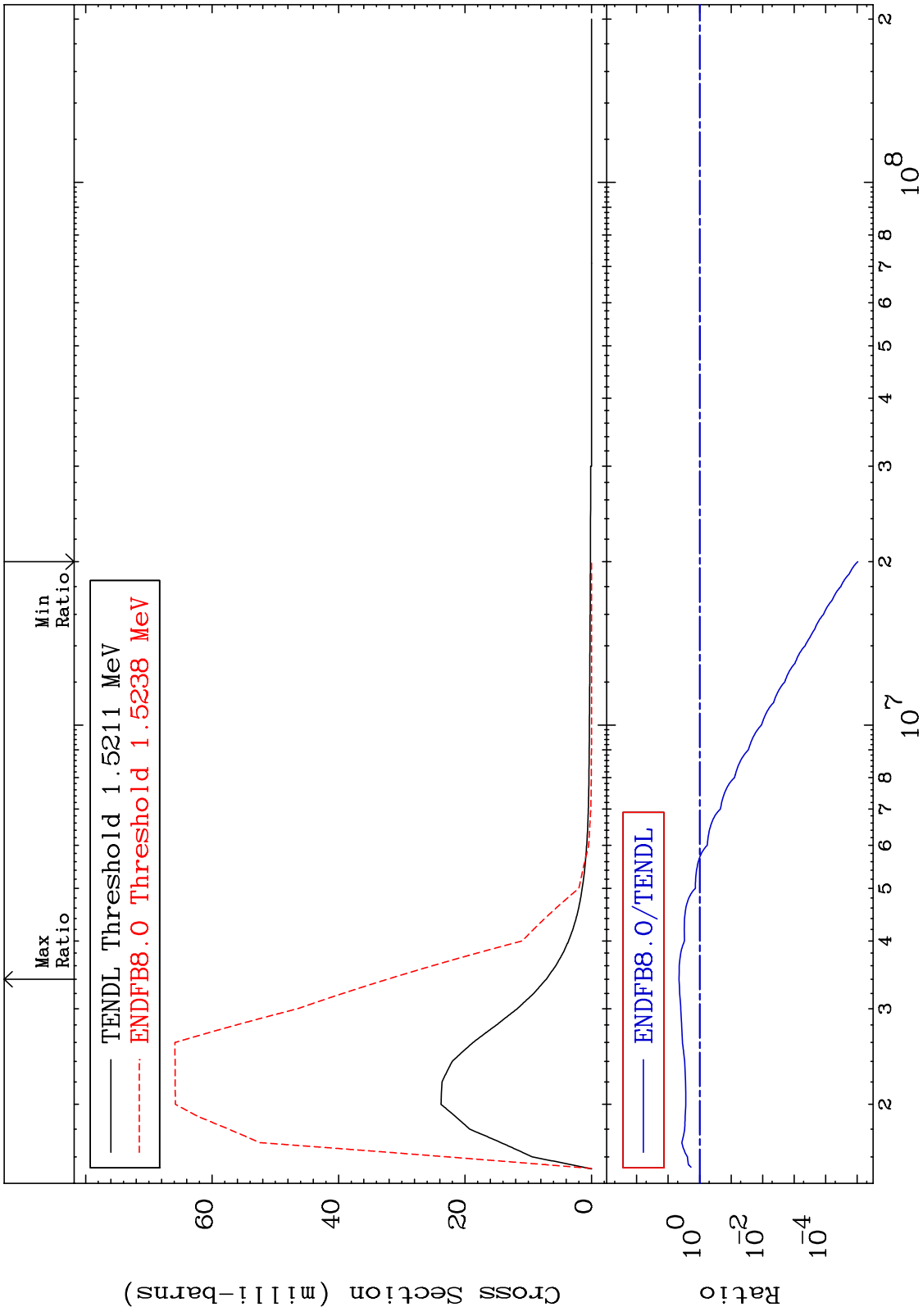
MAT 5925

MT= 60 (n,n') Level
Cross Section

59-Pr-141
-60.92 To 363.4 %



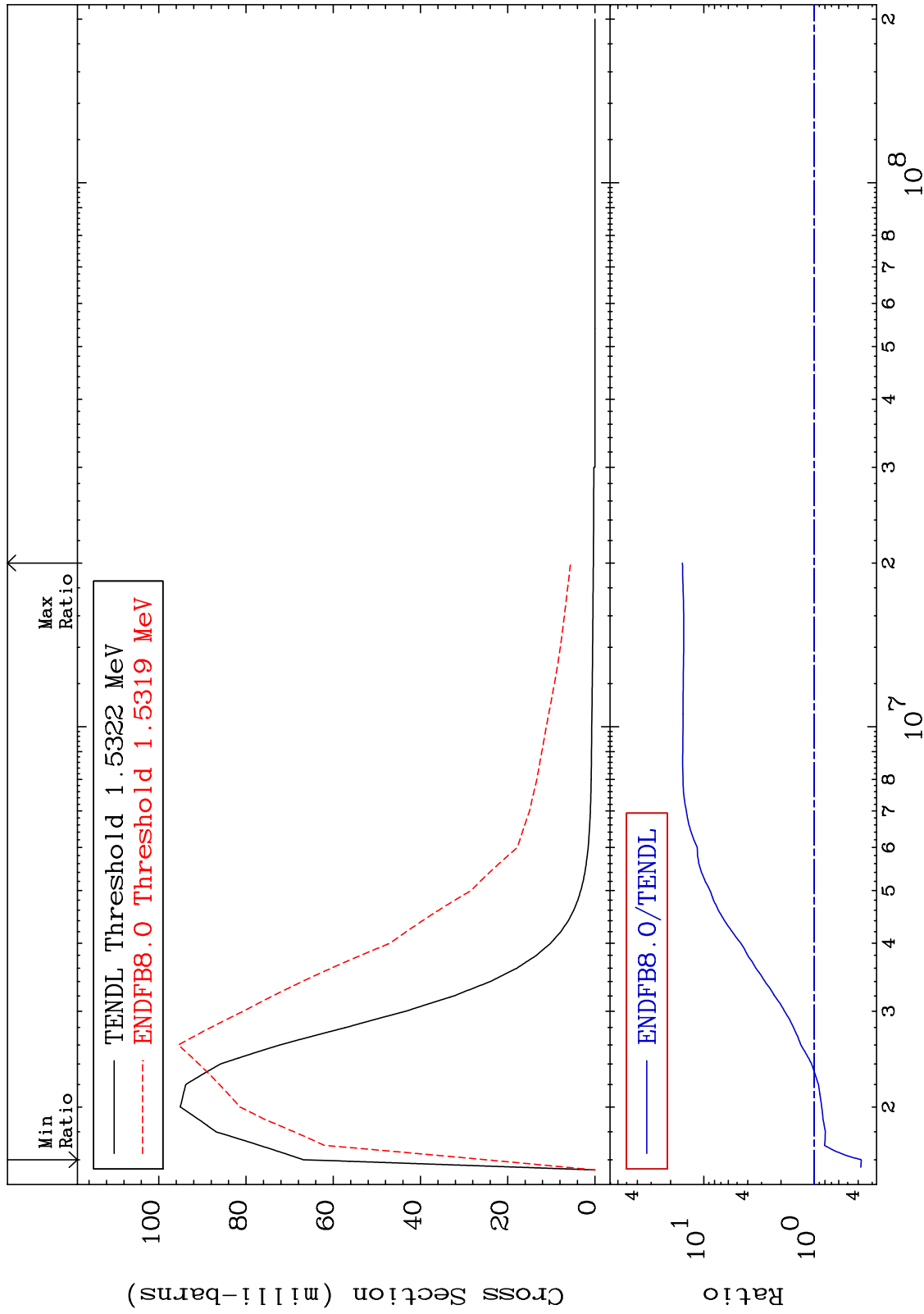
MAT 5925 MT= 61 (n,n') Level Cross Section -100.0 To 350.7 % 59-Pr-141



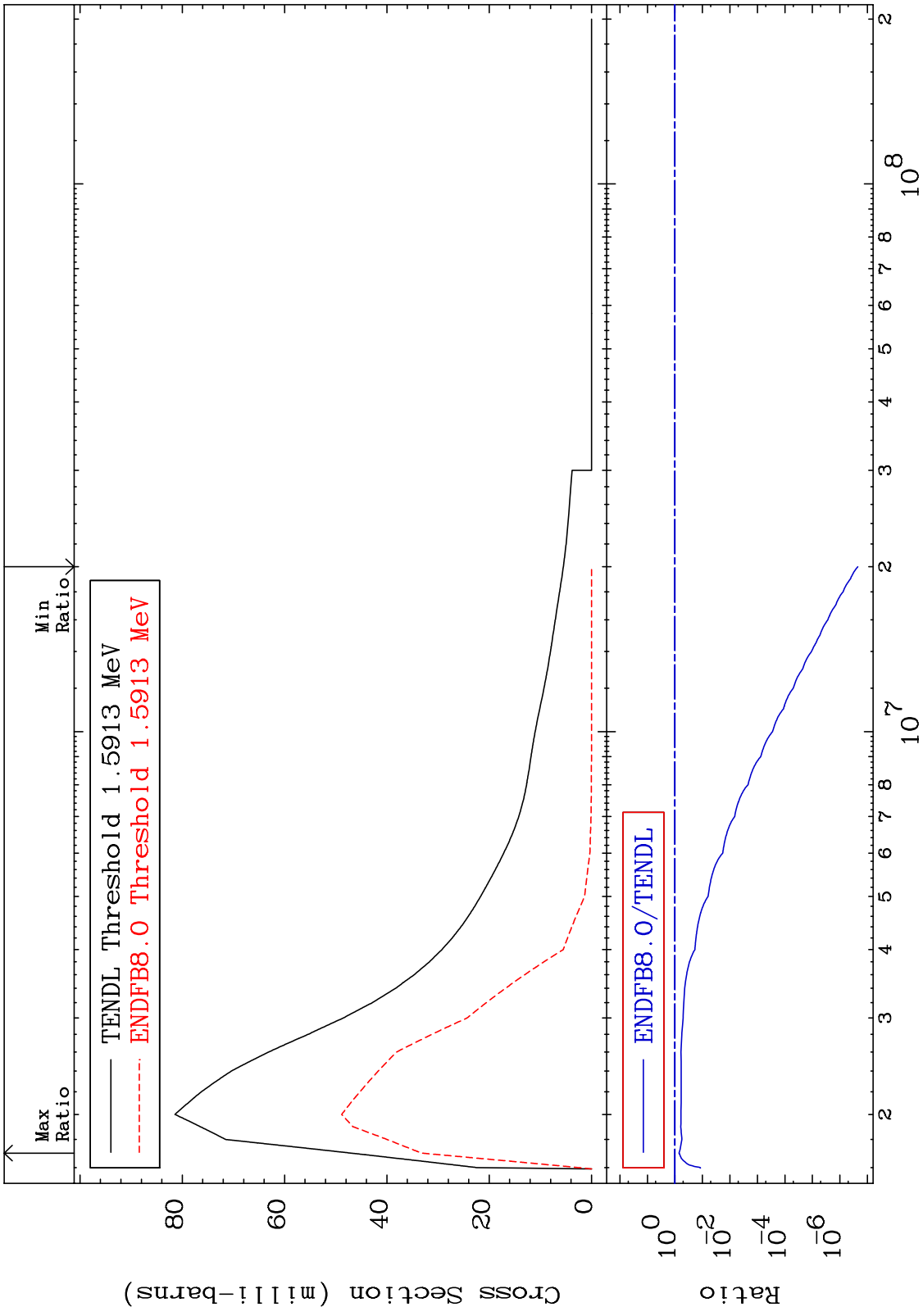
MAT 5925

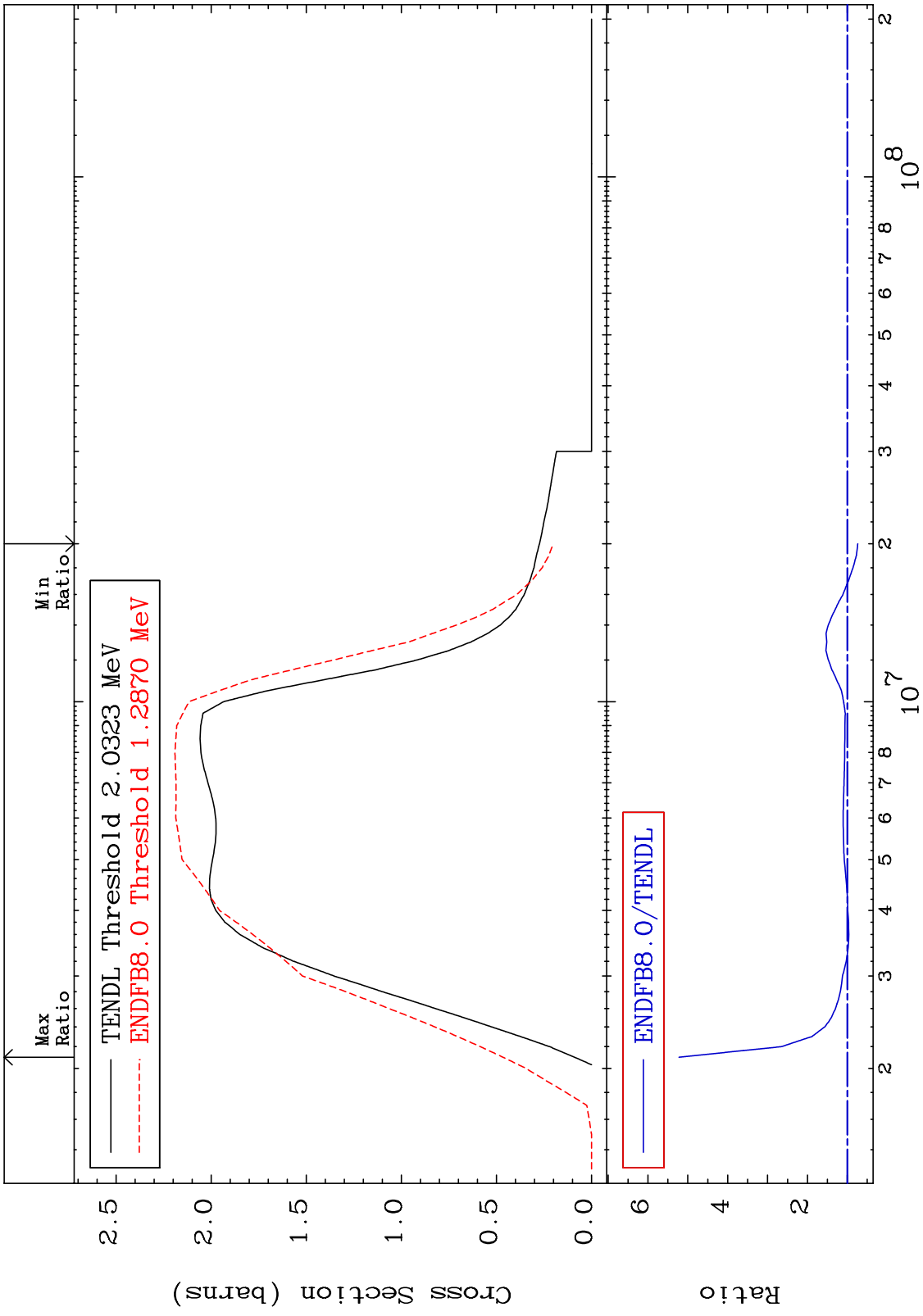
MT= 62 (n,n') Level
Cross Section

59-Pr-141
-62.42 To 1460. %



MAT 5925 MT= 63 (n,n') Level Cross Section 59-Pr-141 -100.0 To -29.24%





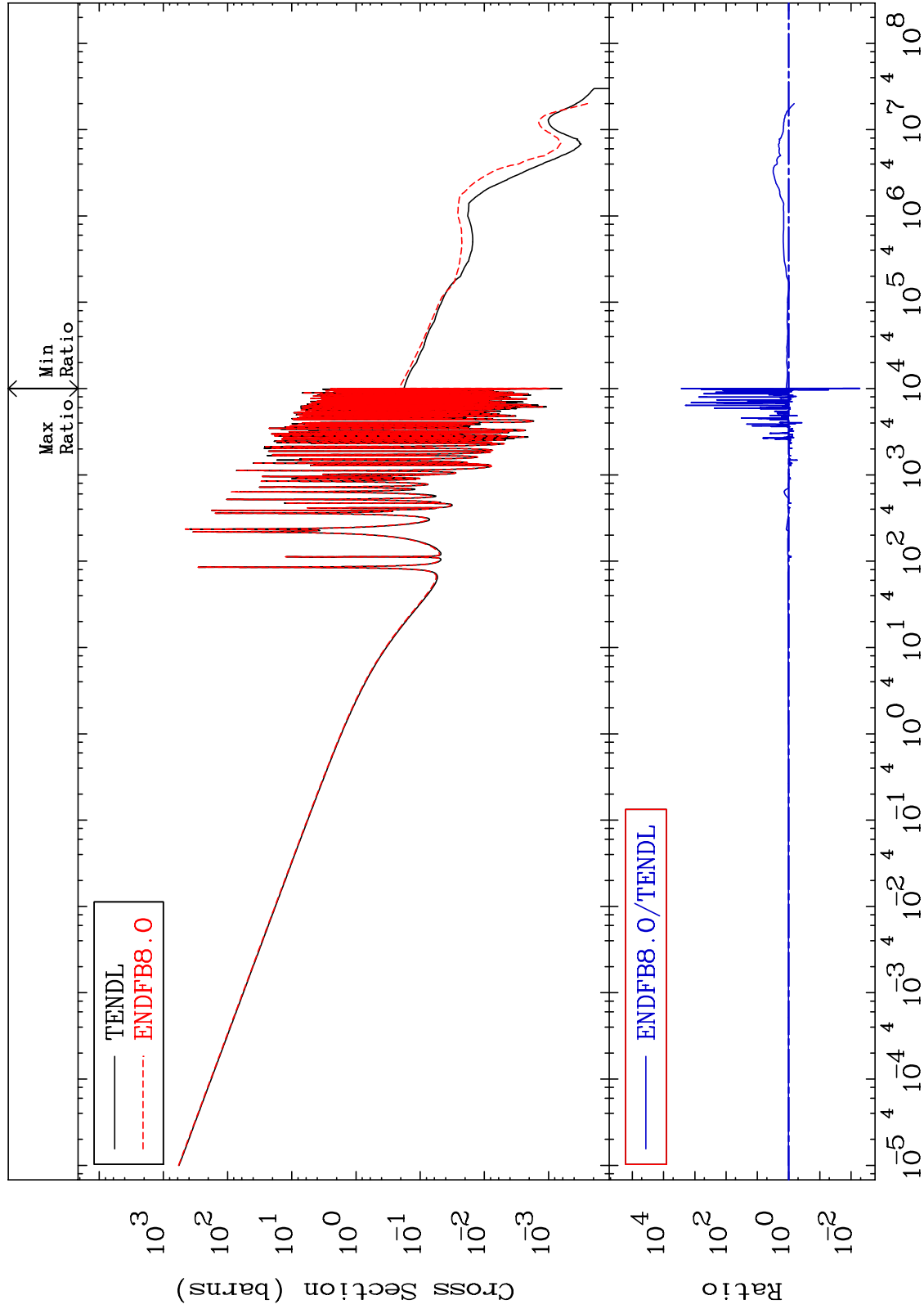
MAT 5925

(n, γ)

59-Pr-141

Cross Section

-99.47 To 9999. %



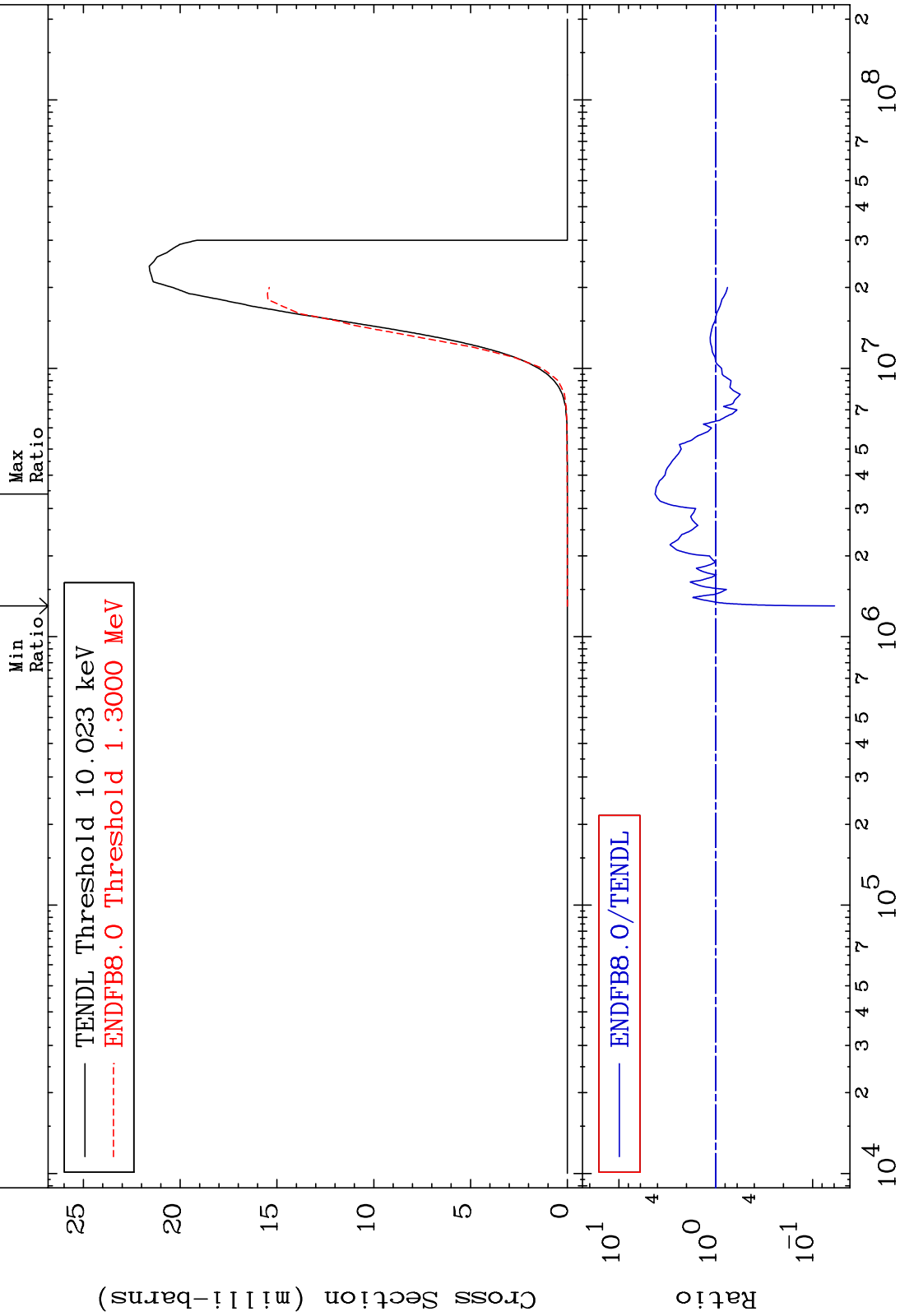
MAT 5925

(n,p)

59-Pr-141

-94.07 To 322.0 %

Cross Section



25

Incident Energy (eV)

59-Pr-141

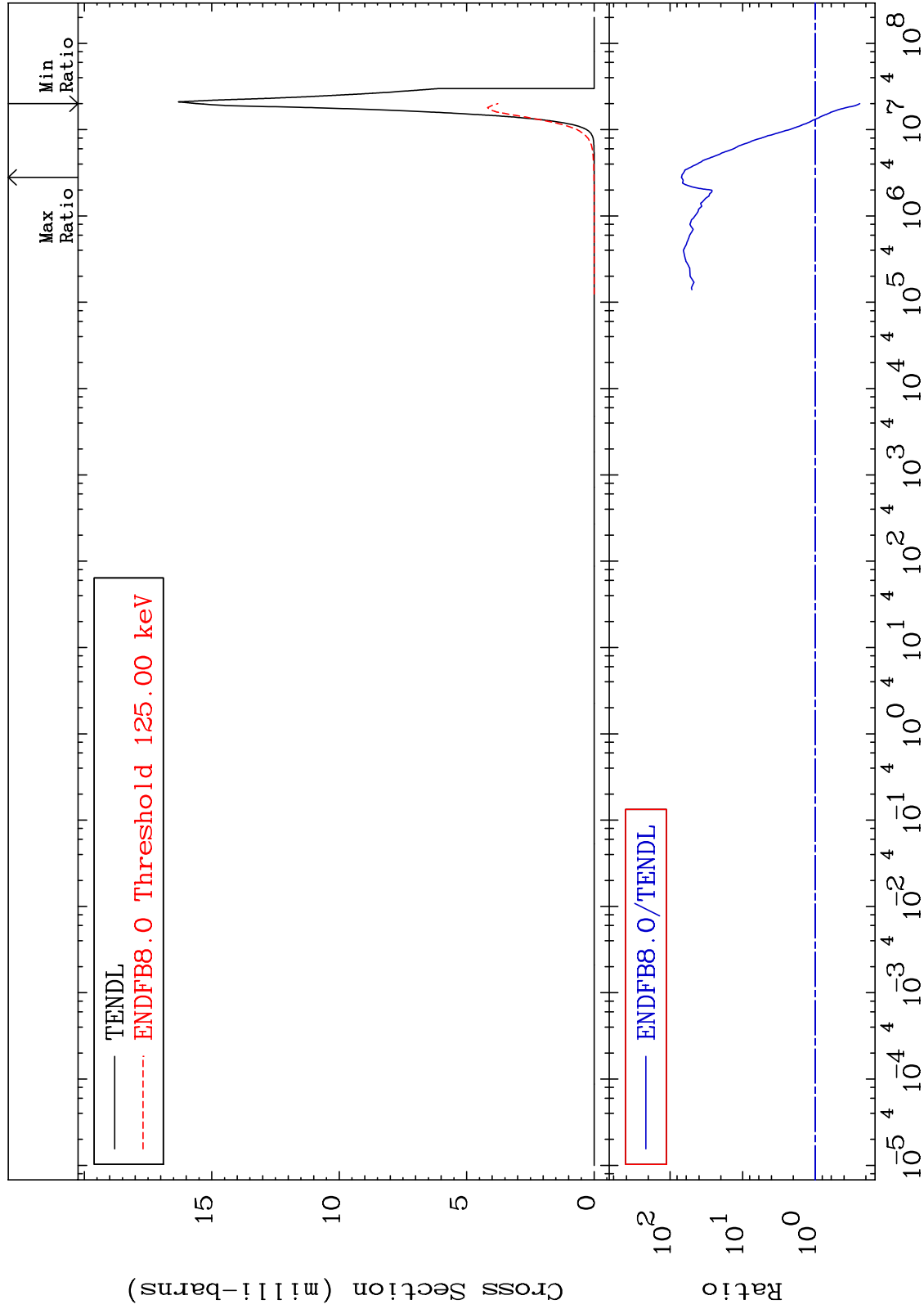
MAT 5925

(n, α)

59-Pr-141

Cross Section

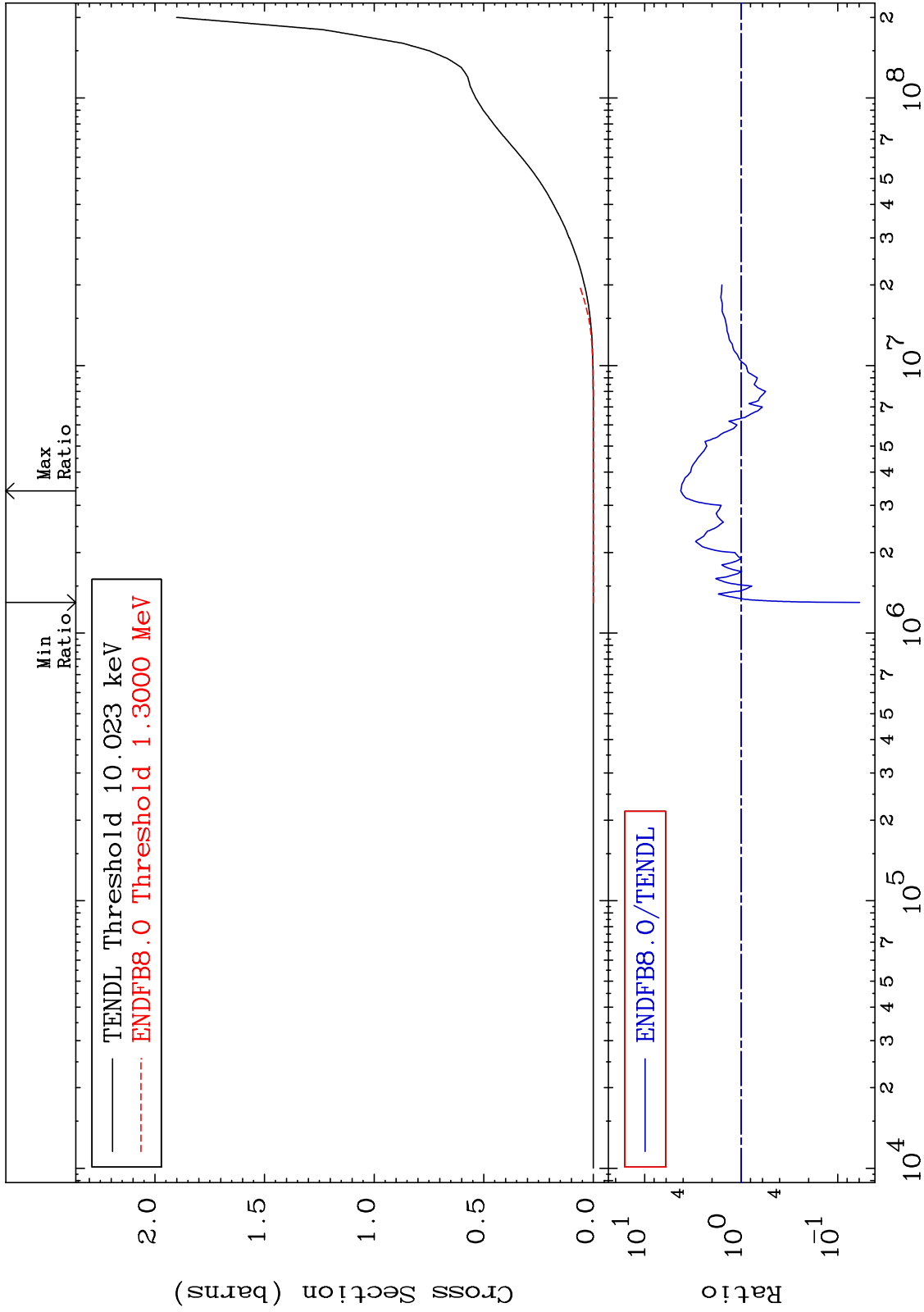
-75.76 To 6872. %



MAT 5925

Hydrogen Production
Cross Section

59-Pr-141
-94.07 To 322.0 %



27

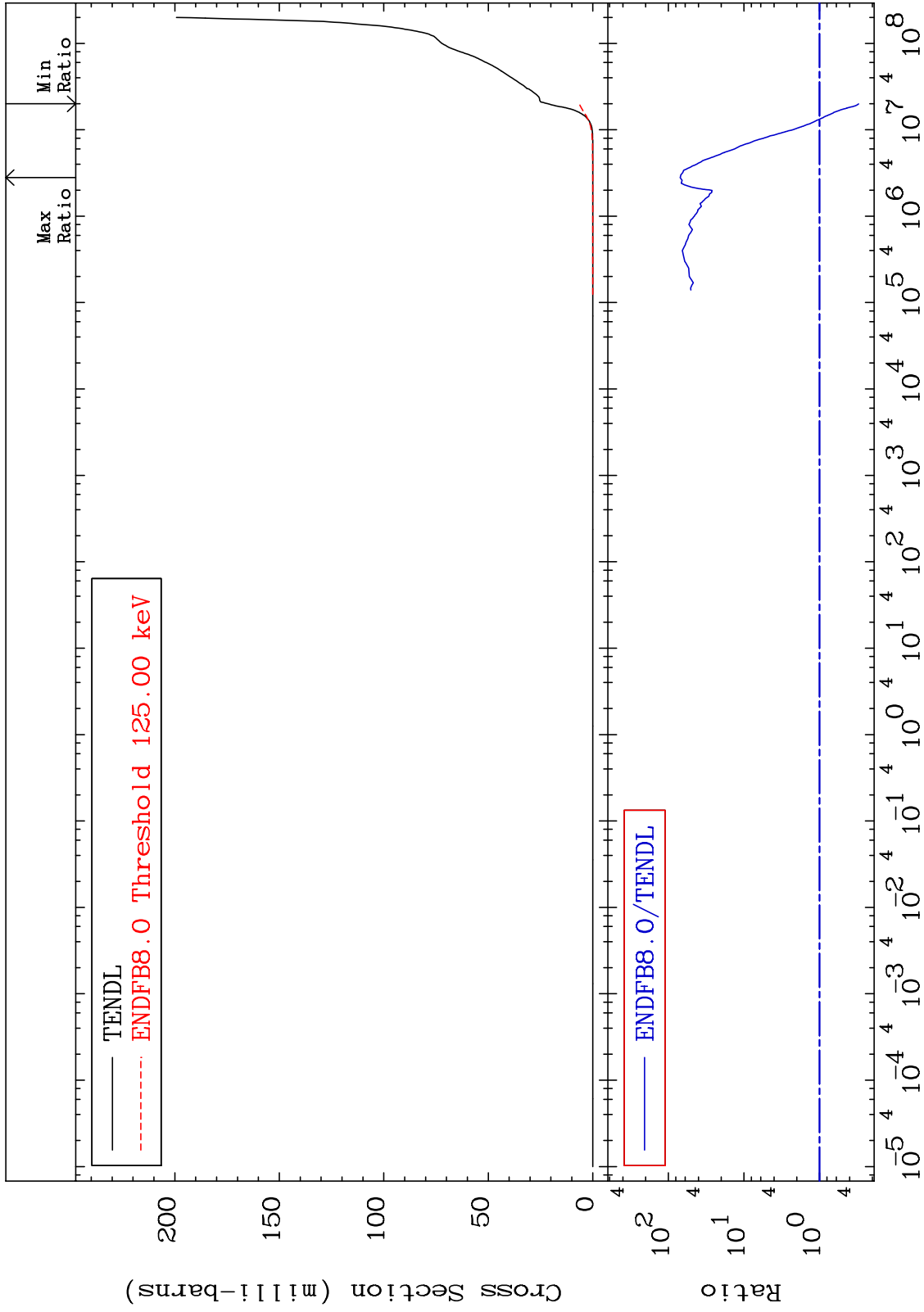
Incident Energy (eV)

59-Pr-141

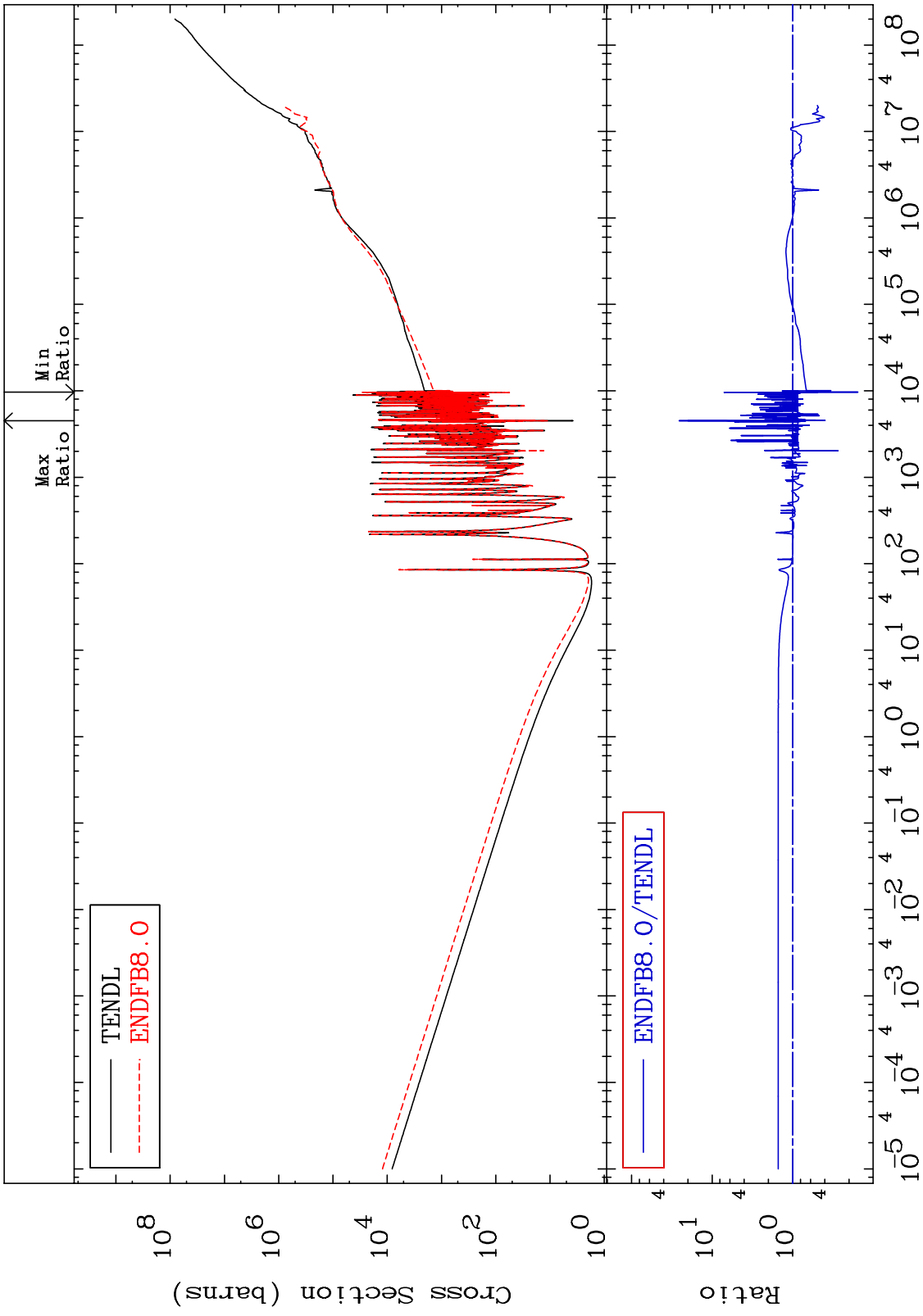
MAT 5925

He-4 Production
Cross Section

59-Pr-141
-69.80 To 6872. %



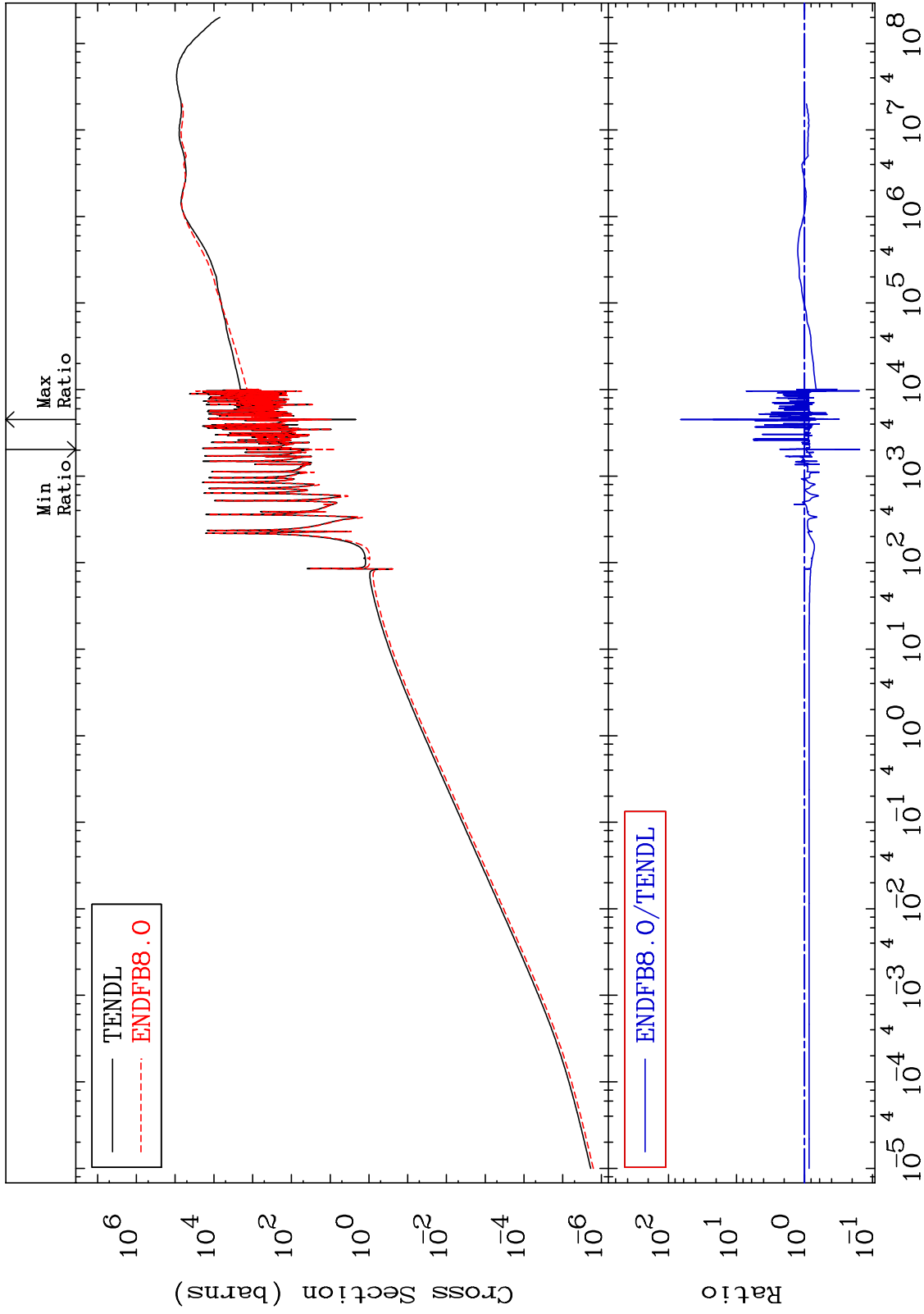
MAT 5925 Kerma total (eV-barns) 59-Pr-141
 Cross Section -84.46 To 2476. %



MAT 5925

Kerma elastic
Cross Section

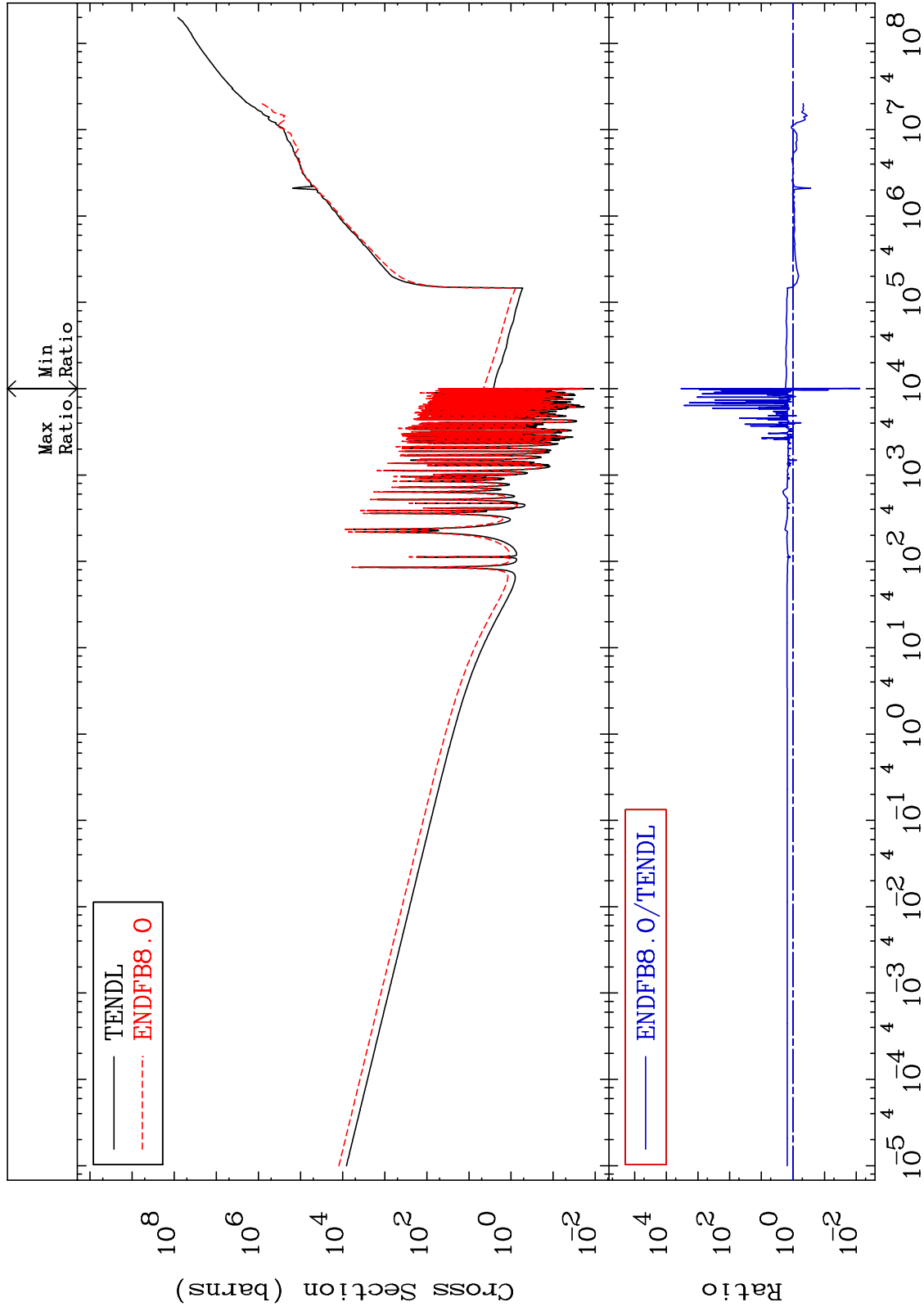
59-Pr-141
-84.52 To 6505. %

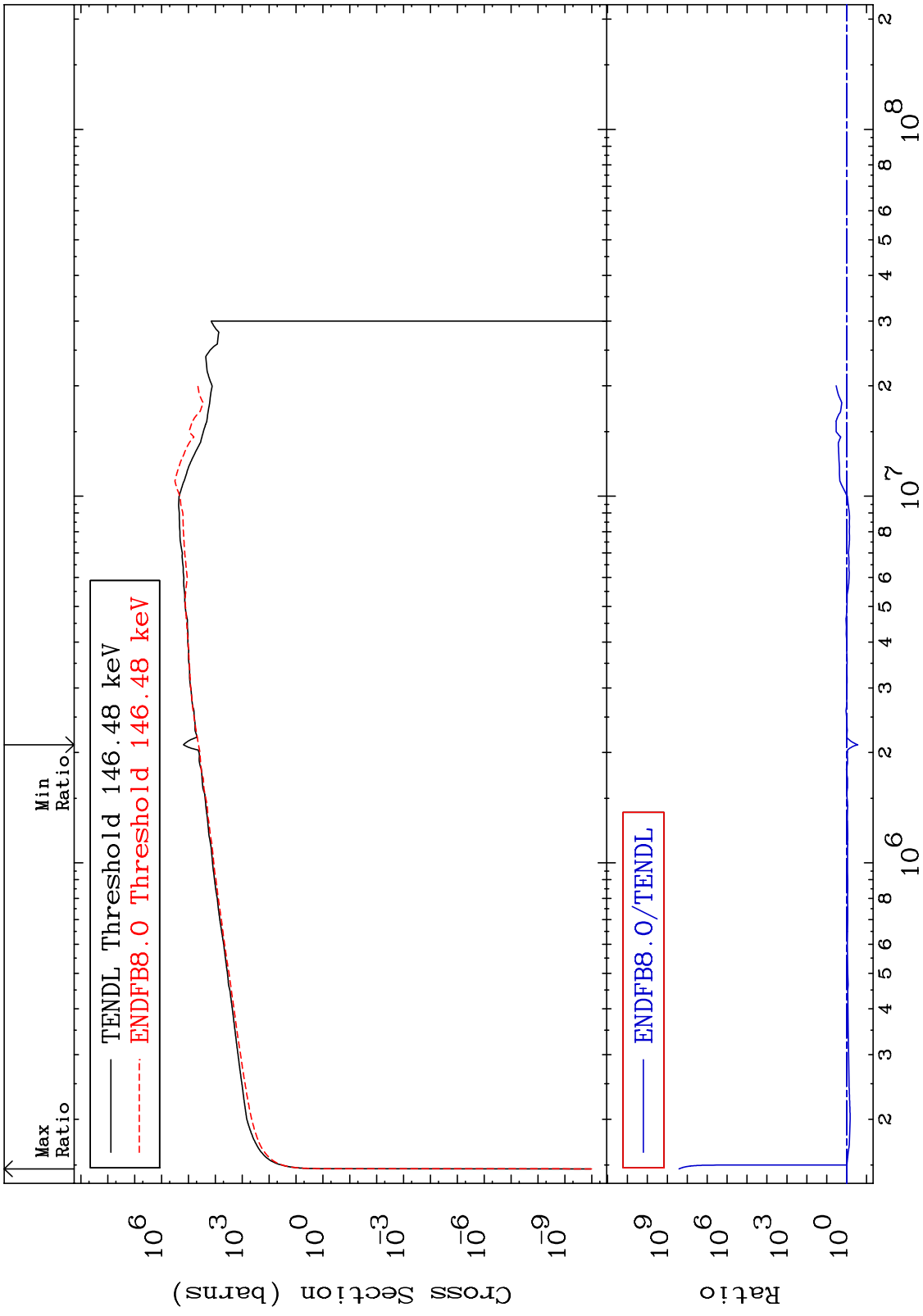


MAT 5925

Kerma non-elastic (all but mt2)
Cross Section

59-Pr-141
-99.23 To 9999. %

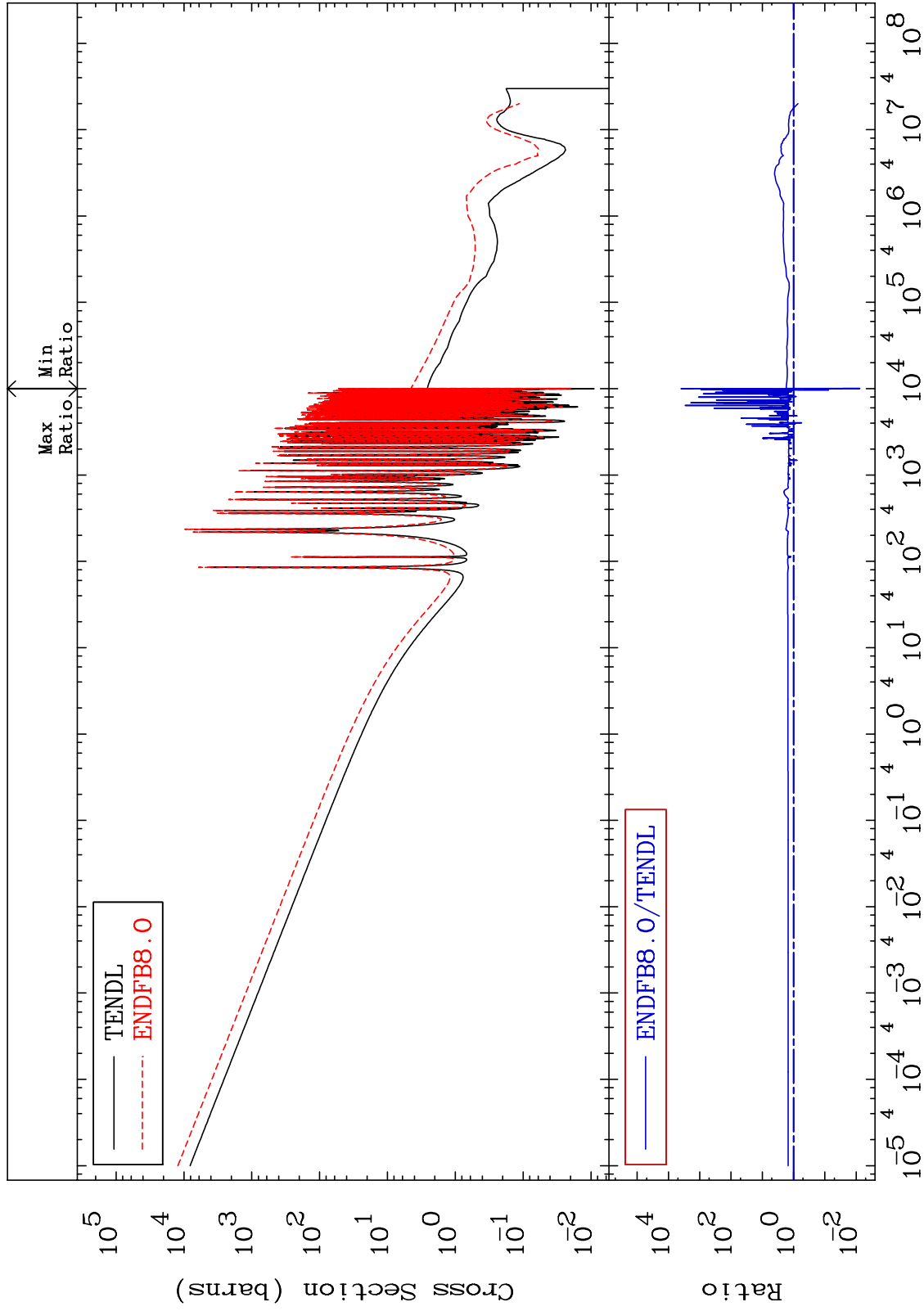




MAT 5925

Kerma capture (mt102)
Cross Section

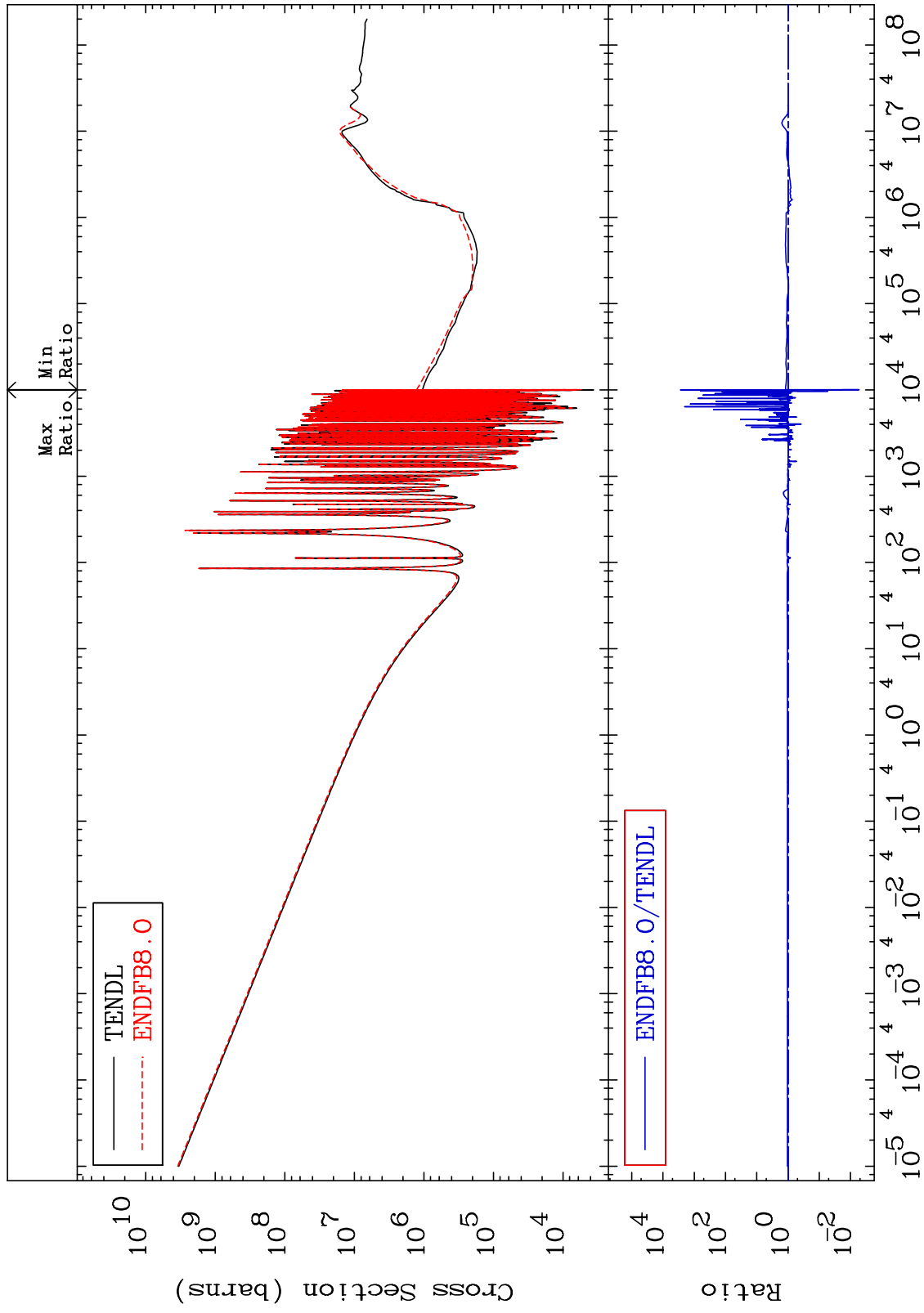
59-Pr-141
-99.23 To 9999. %



MAT 5925

Total photon (eV-barns)
Cross Section

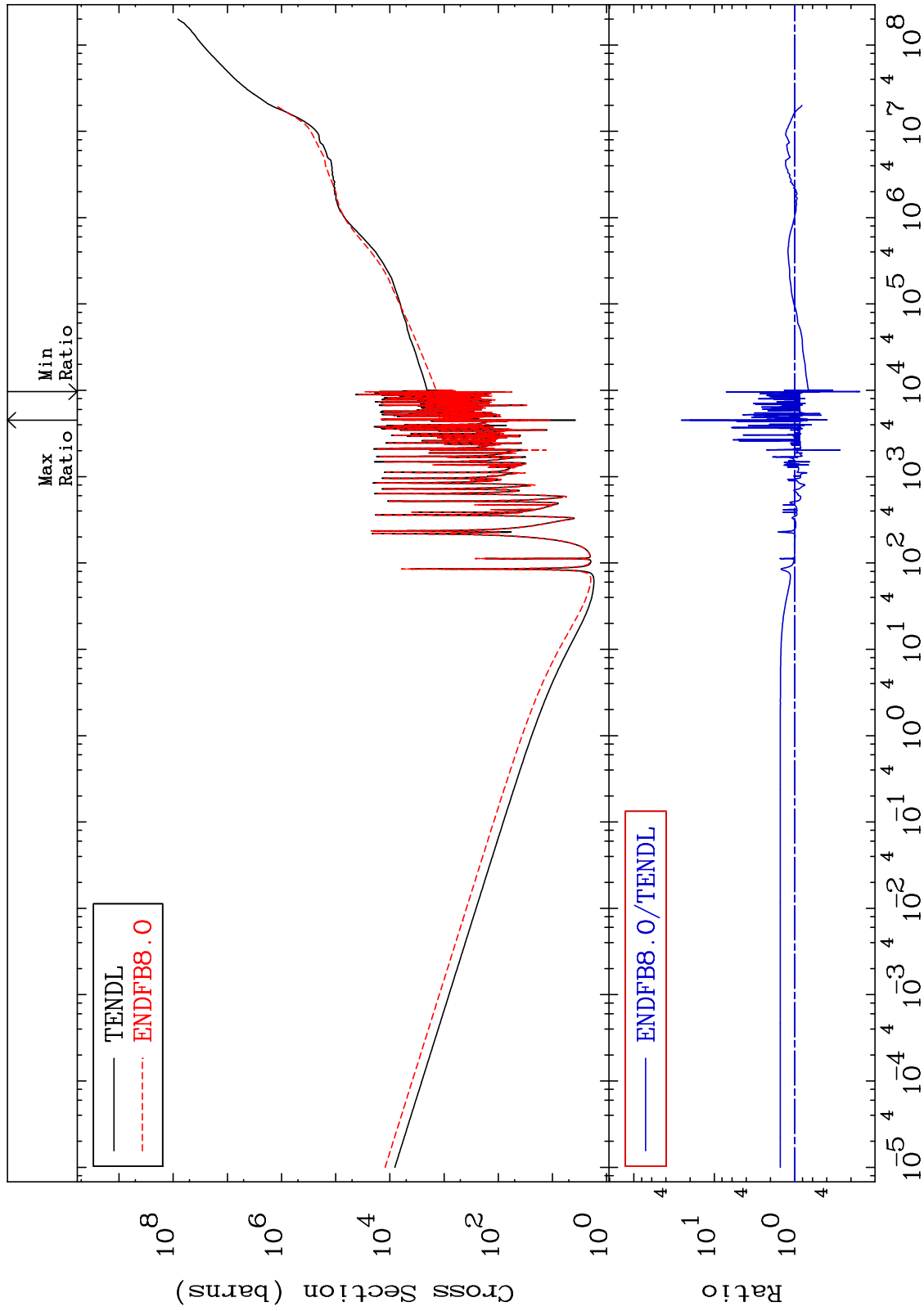
59-Pr-141
-99.46 To 9999. %



MAT 5925

Total kinematic kerma (high limit)
Cross Section

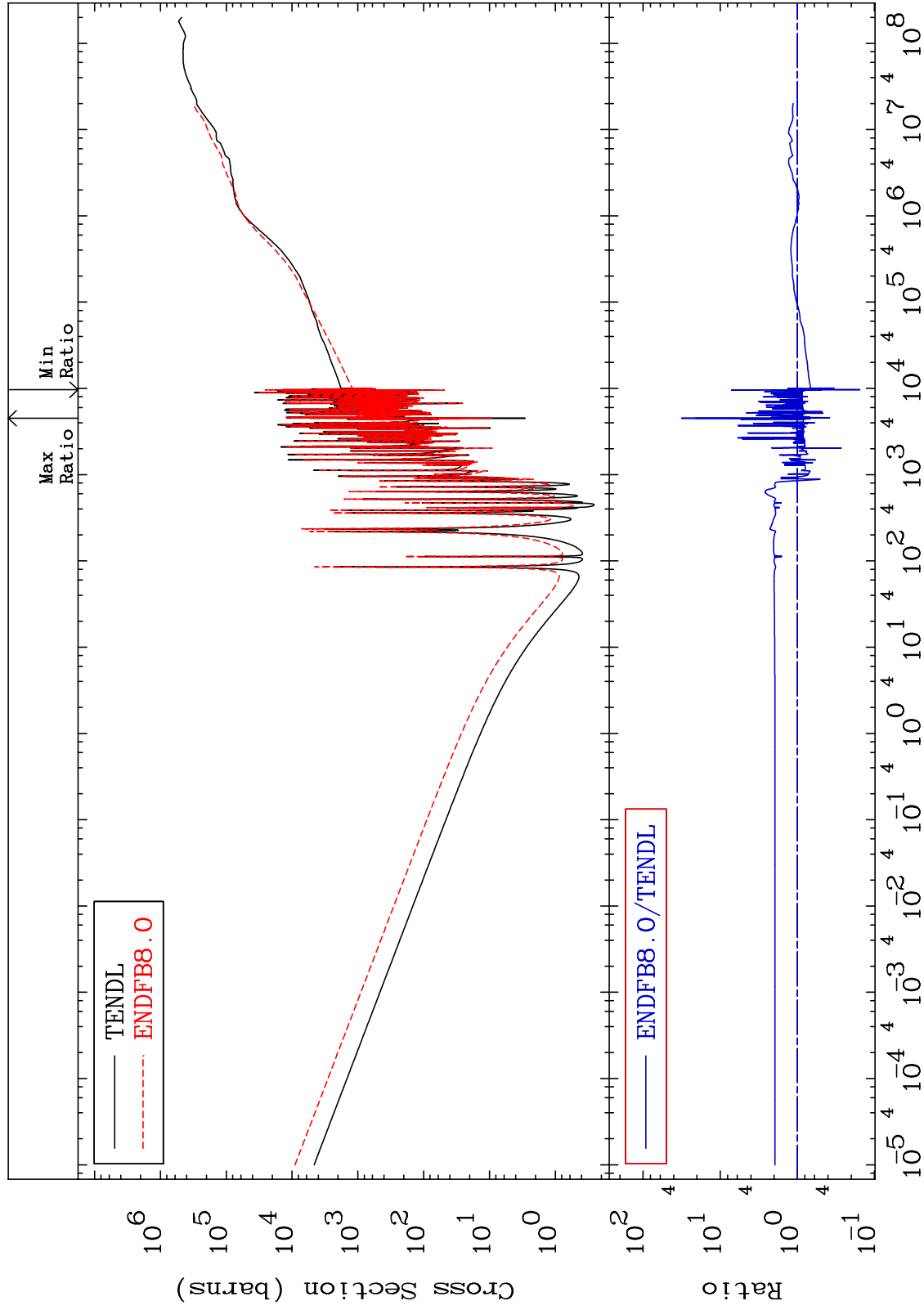
59-Pr-141
-84.46 To 2476. %



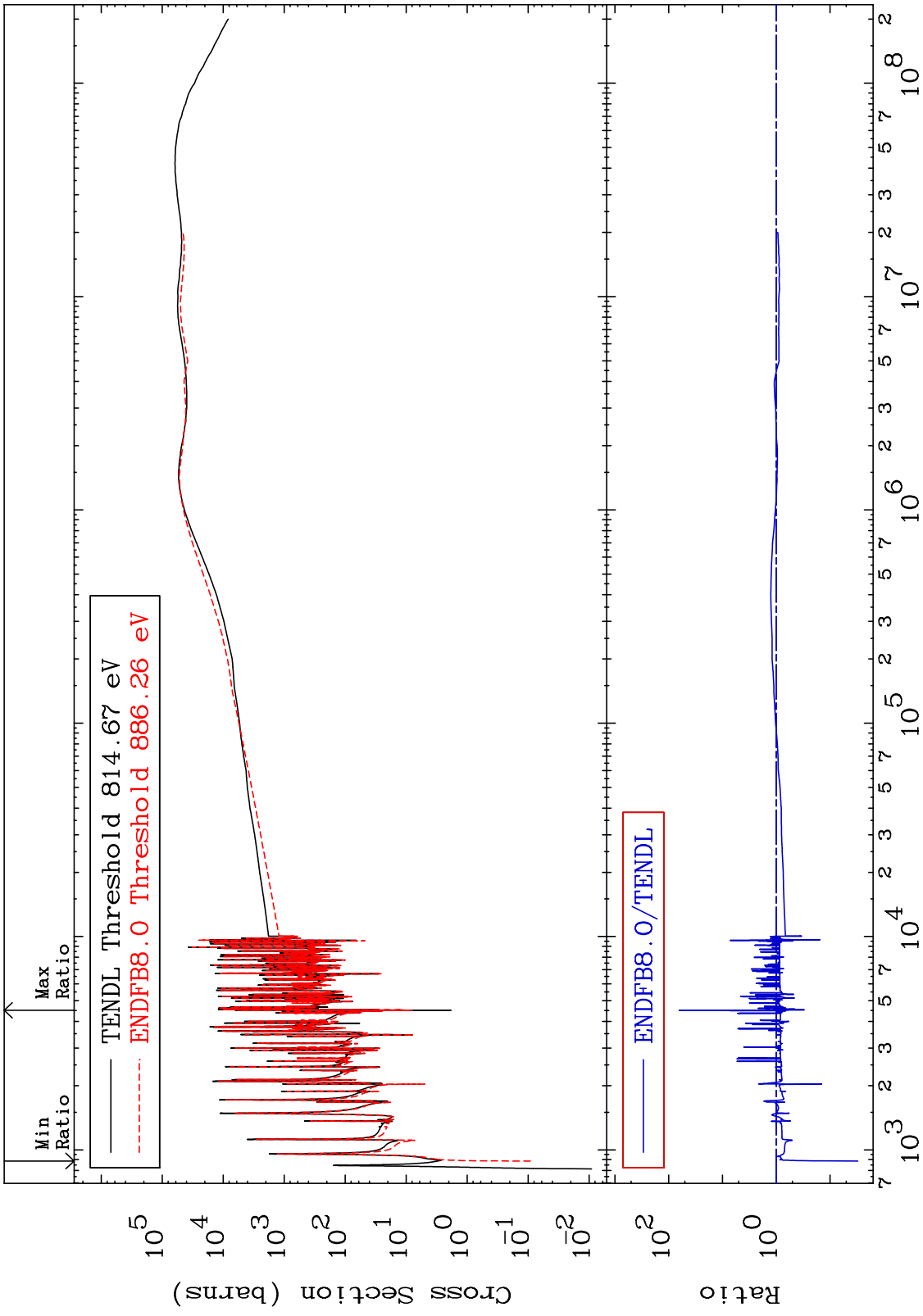
MAT 5925

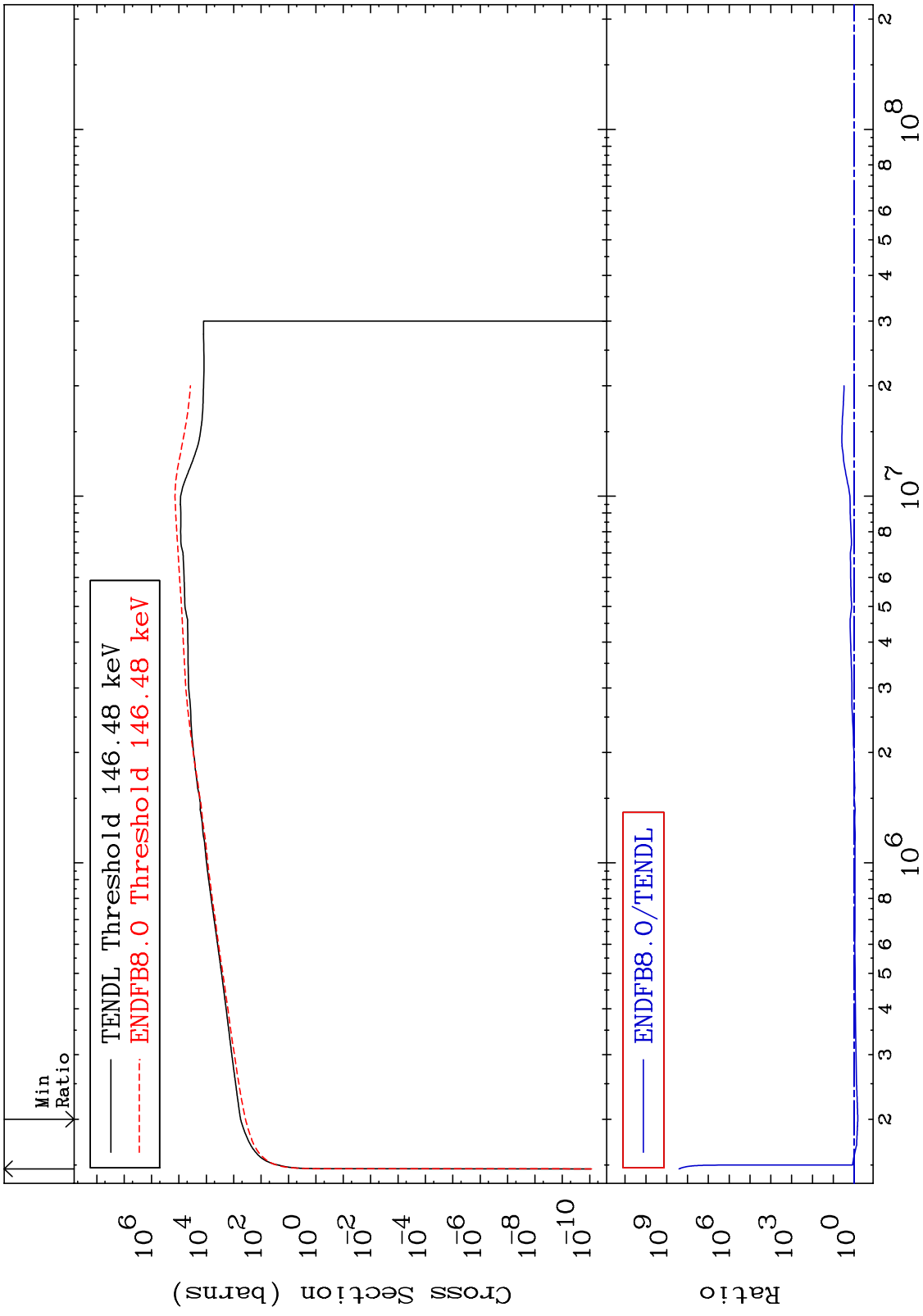
Dpa total (eV-barns)
Cross Section

59-Pr-141
-84.52 To 3078. %



MAT 5925 Dpa elastic (mt2) 59-Pr-141
 Cross Section -96.97 To 6337. %





MAT 5925

Dpa disappearance (mt102 -120)
Cross Section

59-Pr-141
-99.02 To 9999. %

