

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way

Livermore, CA 94550

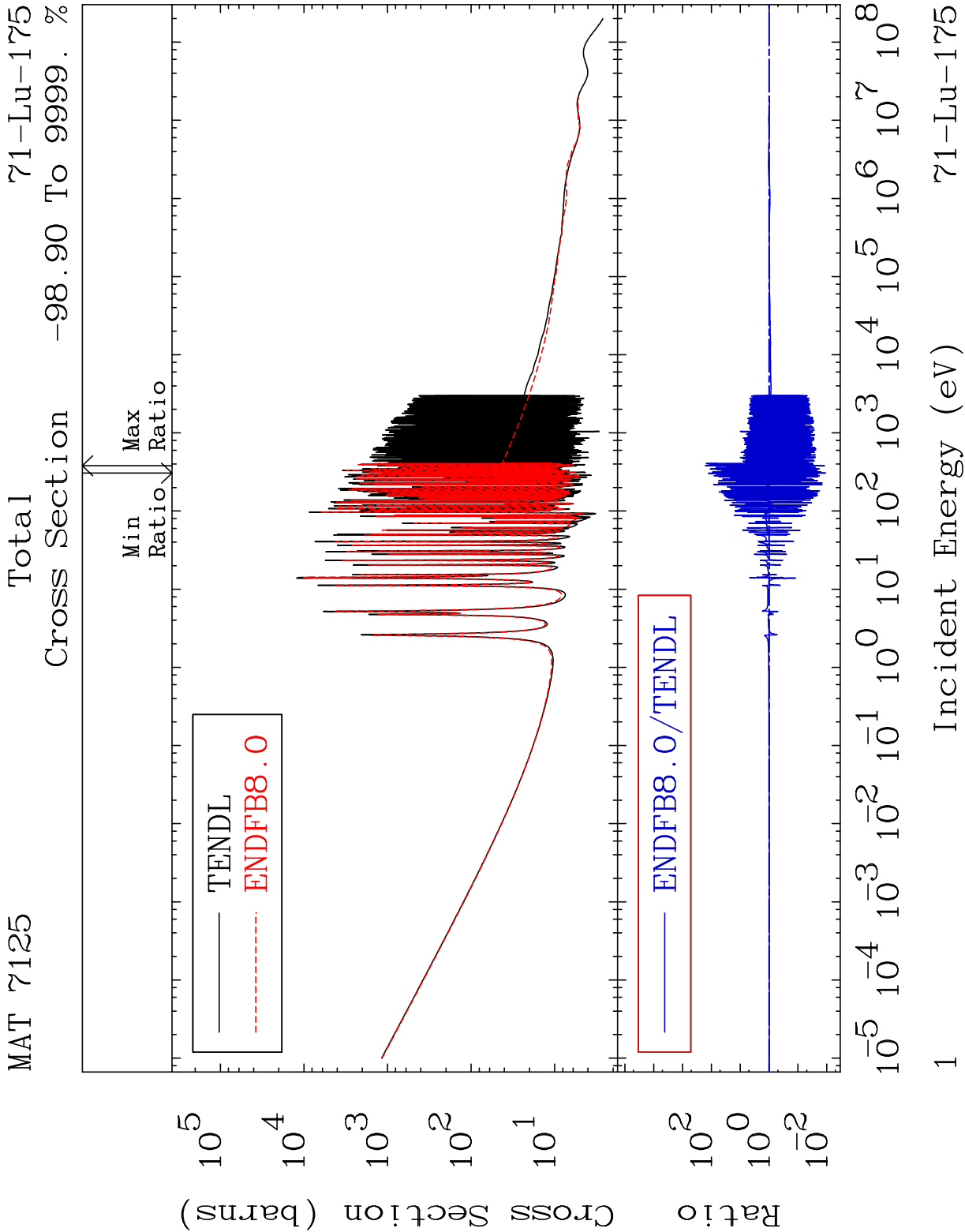
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

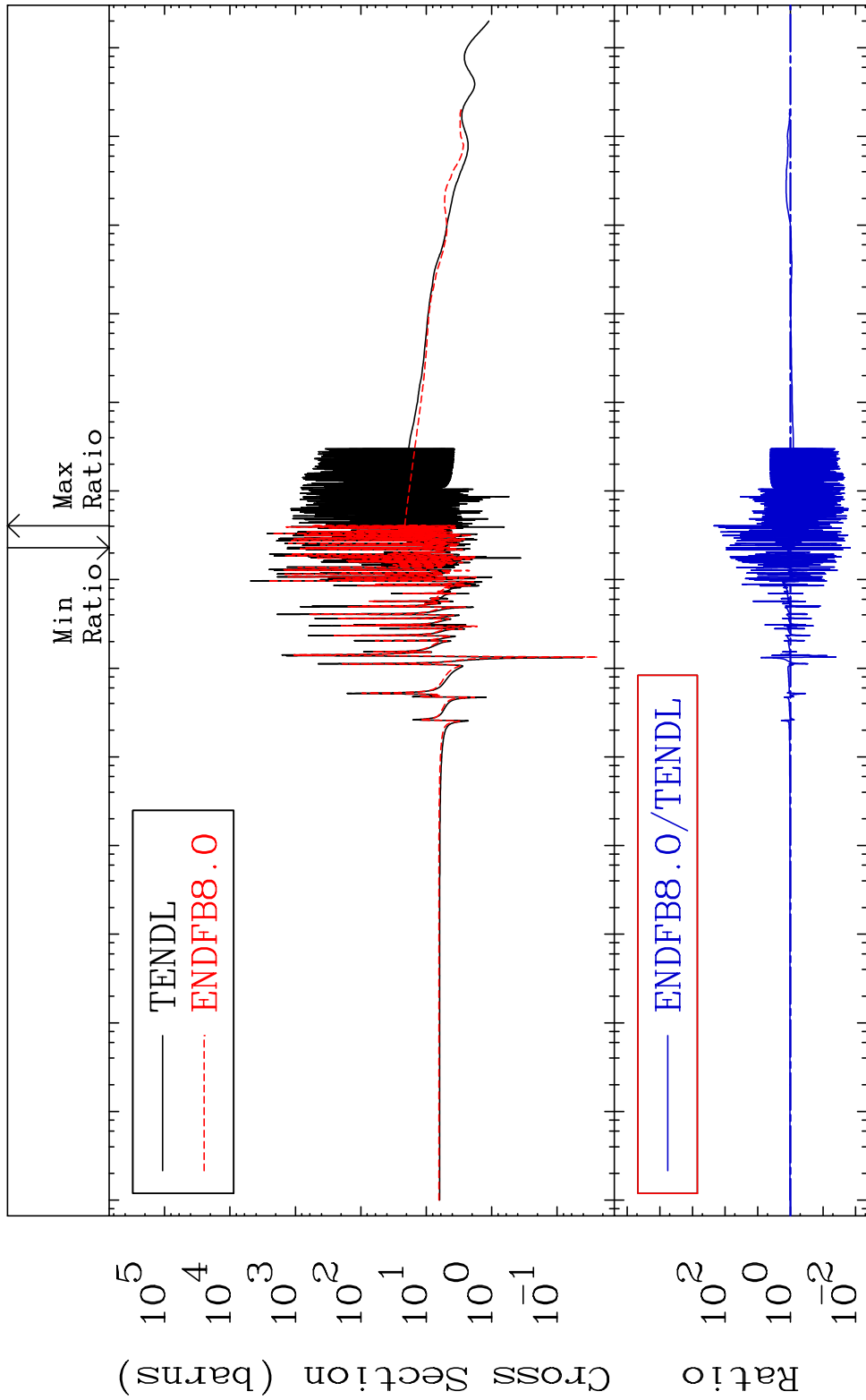


MAT 7125

Elastic

71-Lu-175

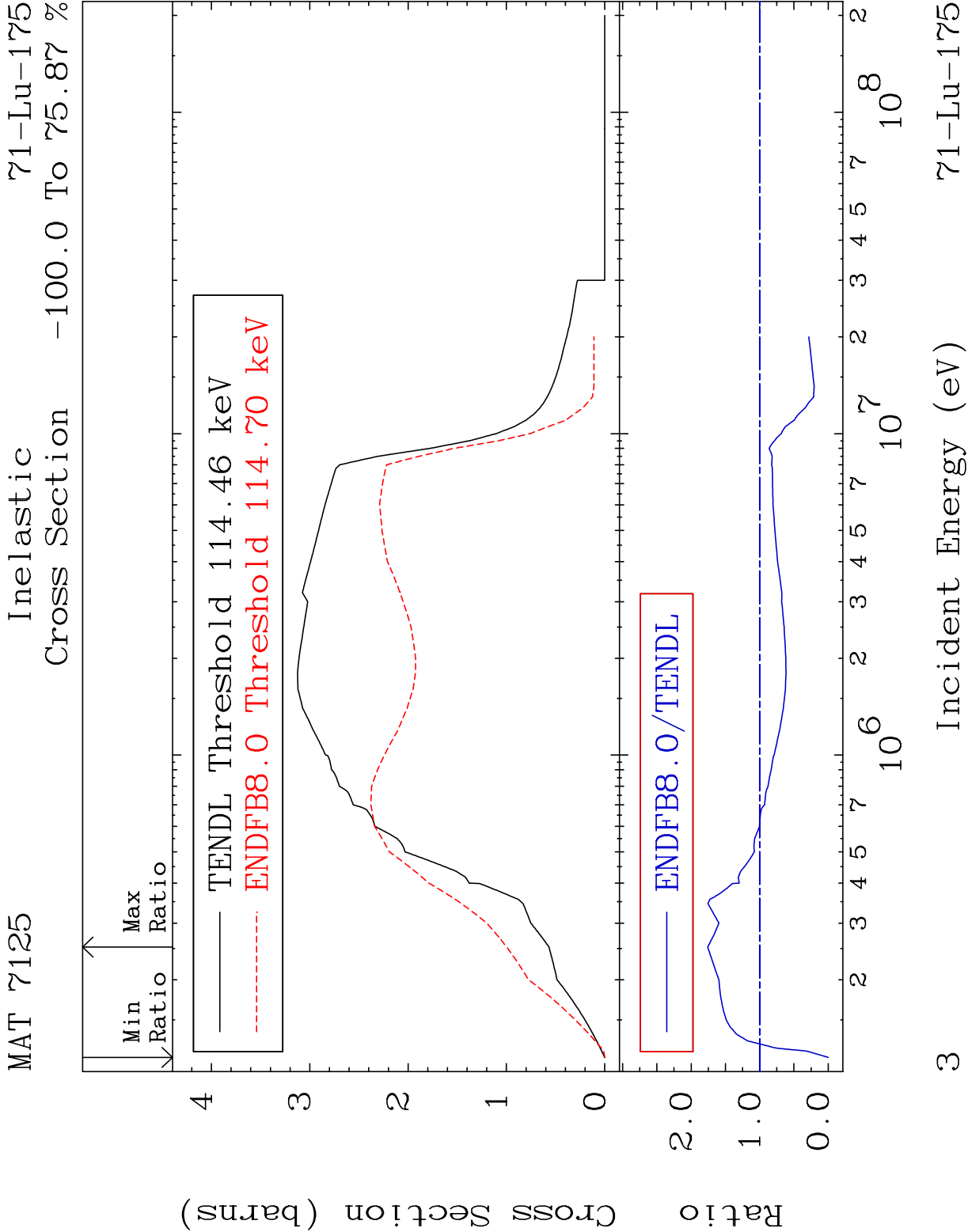
Cross Section -98.54 To 9999. %

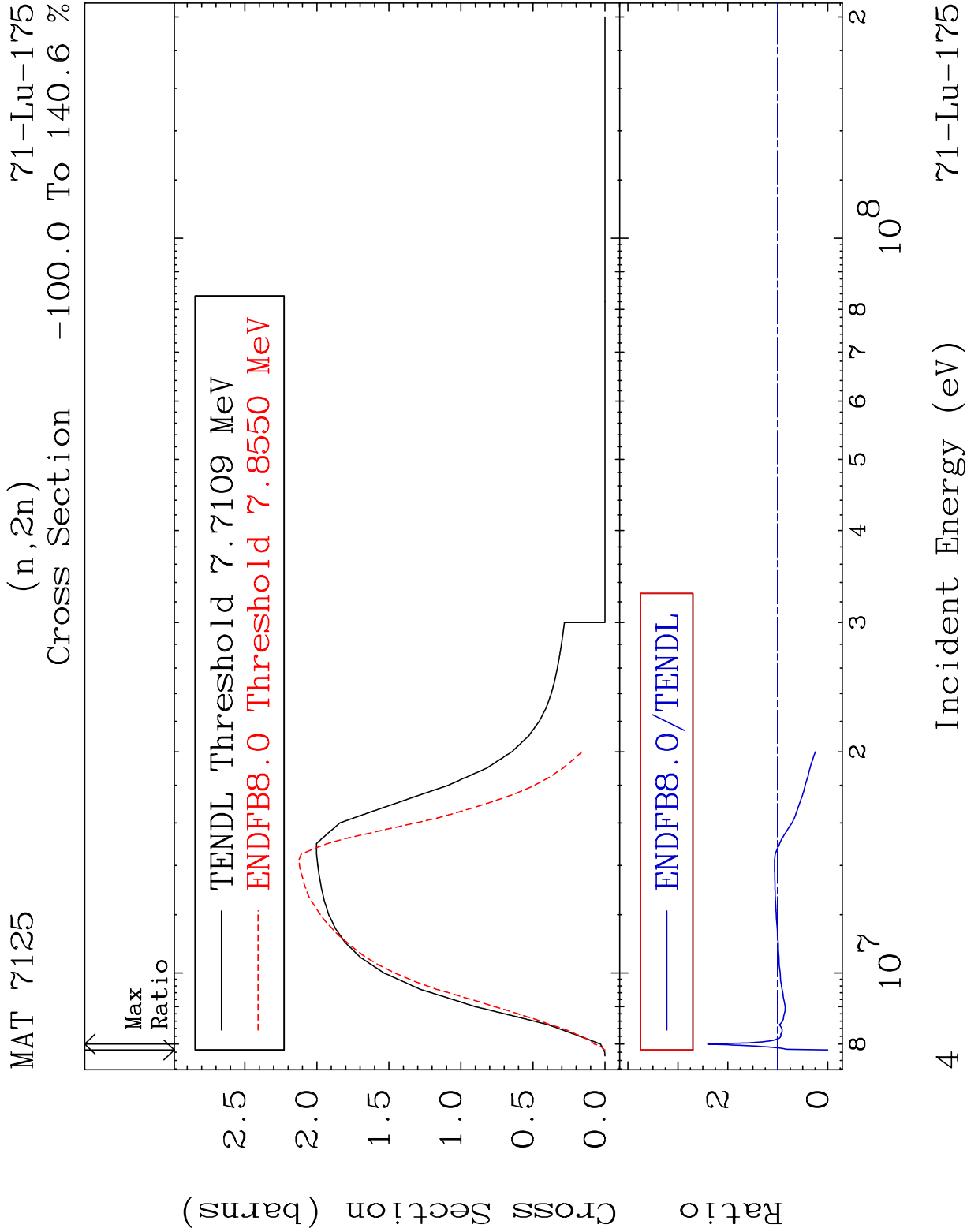


2

Incident Energy (eV)

71-Lu-175



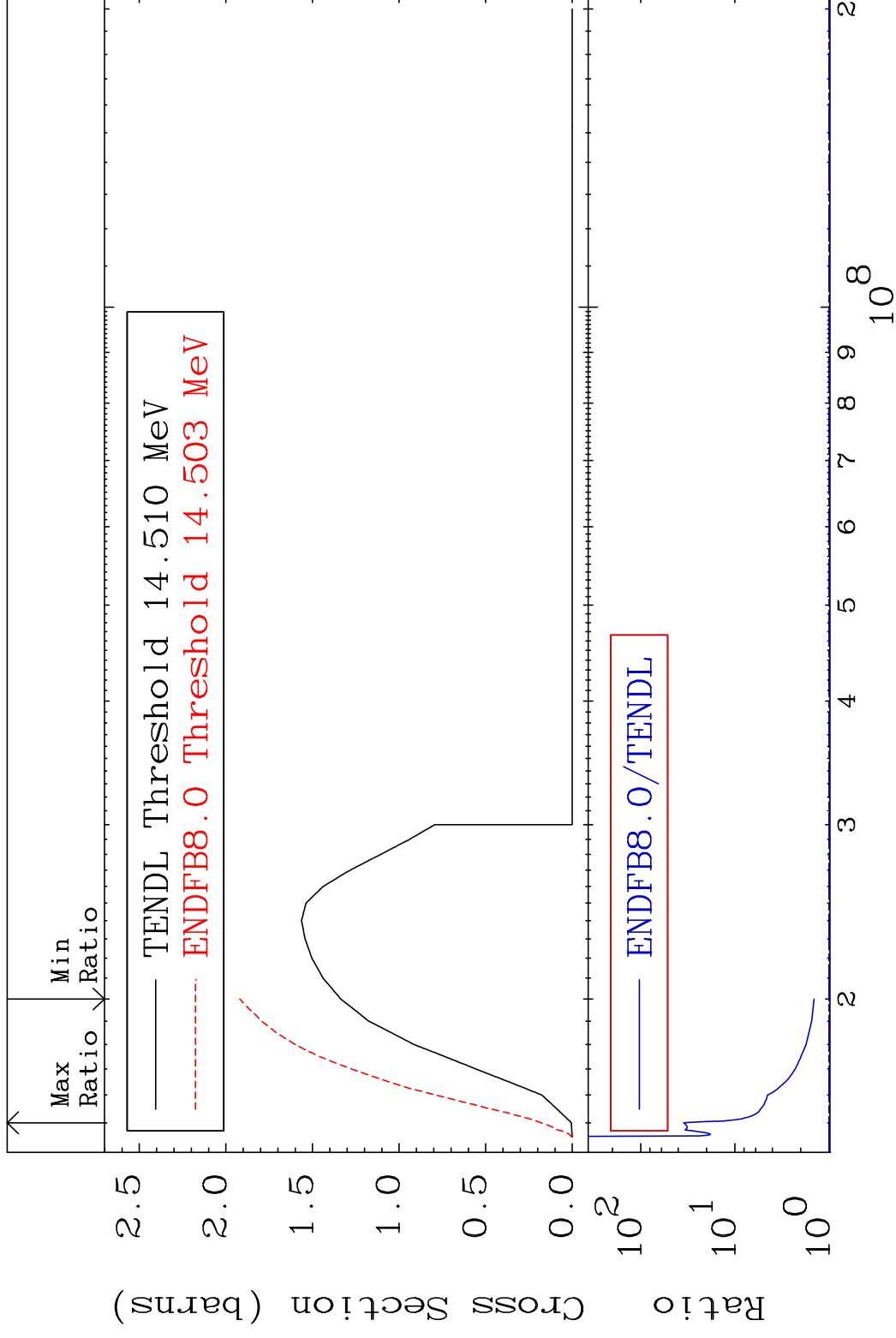


MAT 7125

$$(n, 3n)$$

71-Lu-175

Cross Section	43.64	To 3394. %

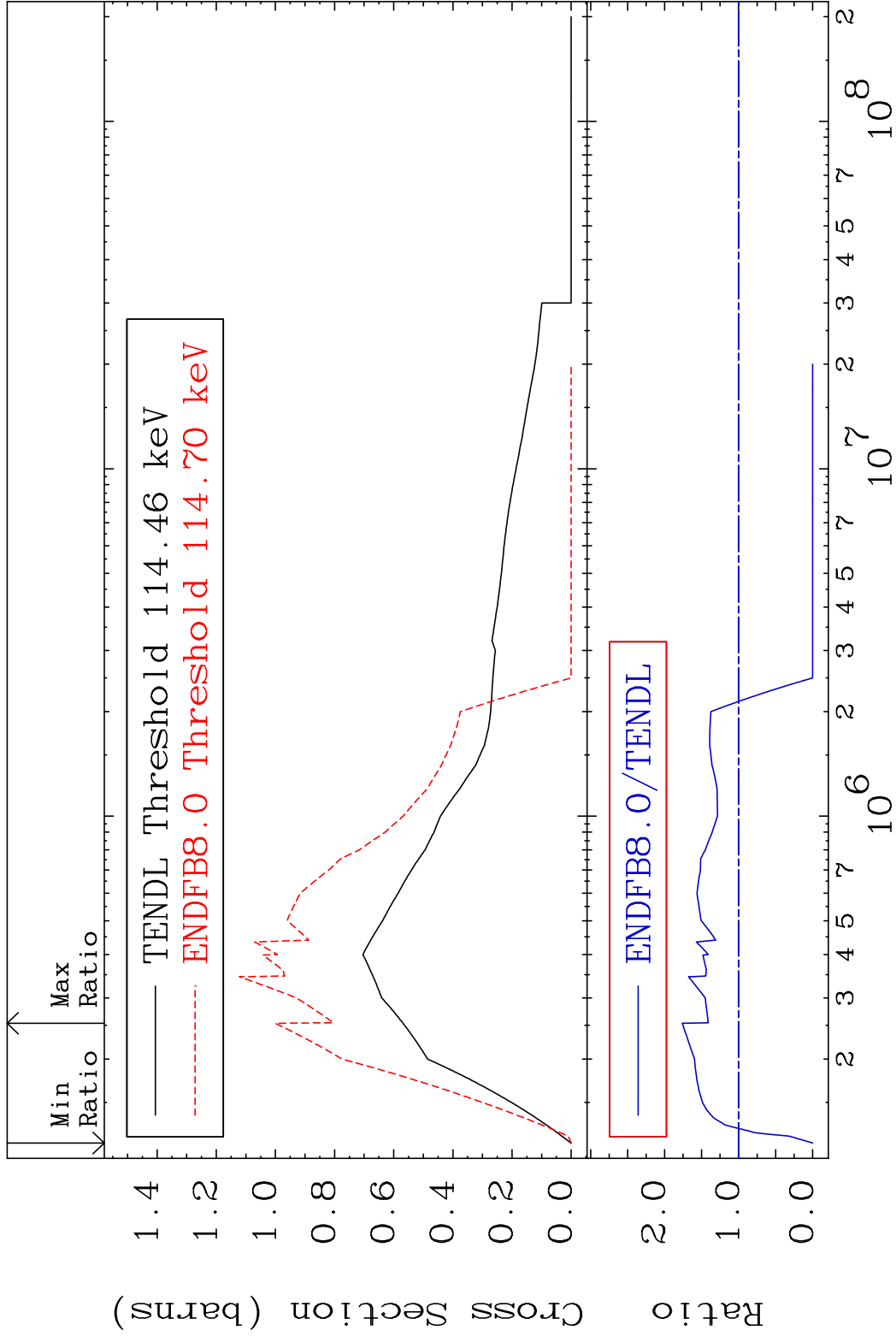


5

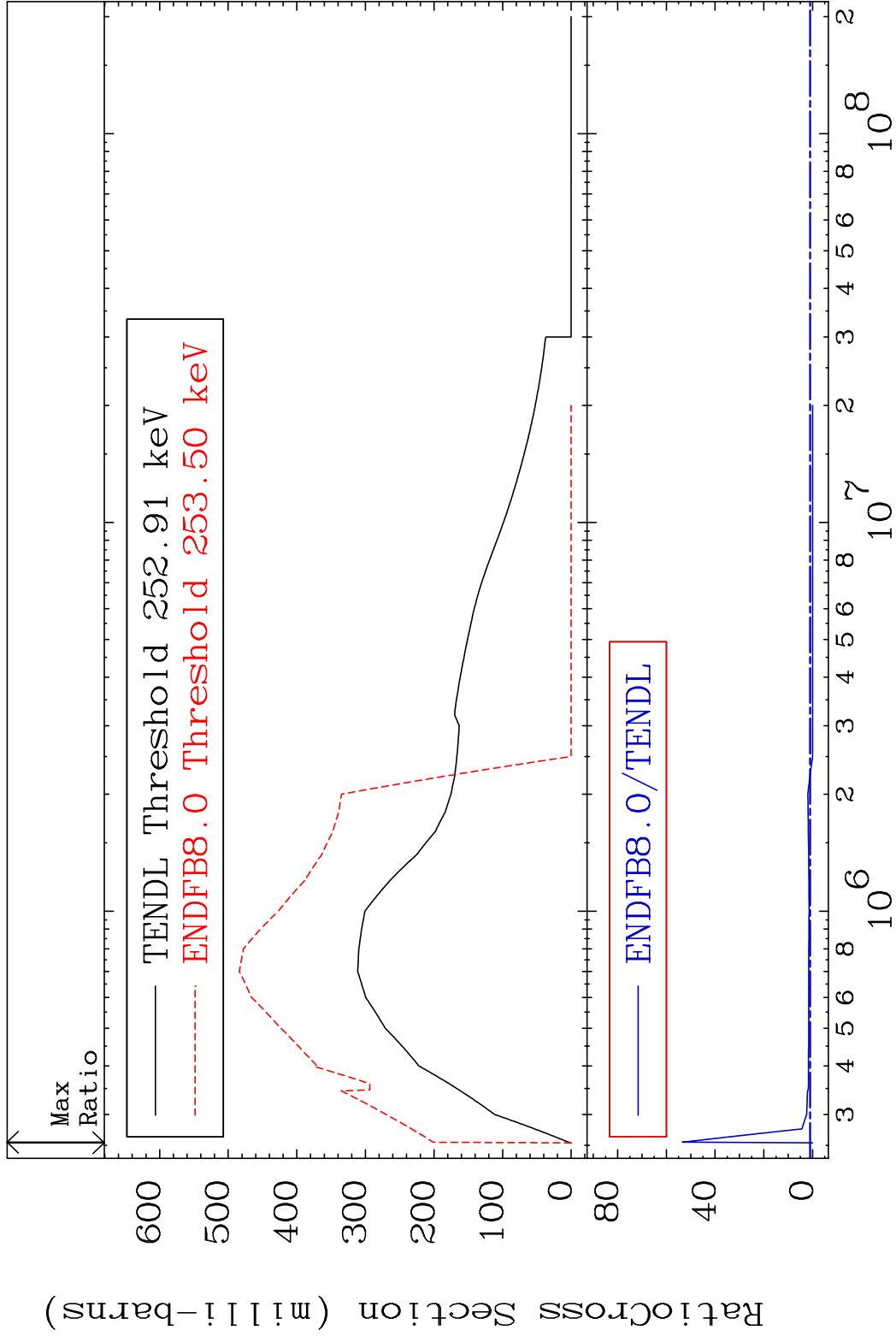
Incident Energy (eV)

71-Lu-175

MAT 7125 MT= 51 (n,n') Level 71-Lu-175
Cross Section -100.0 To 76.02 %

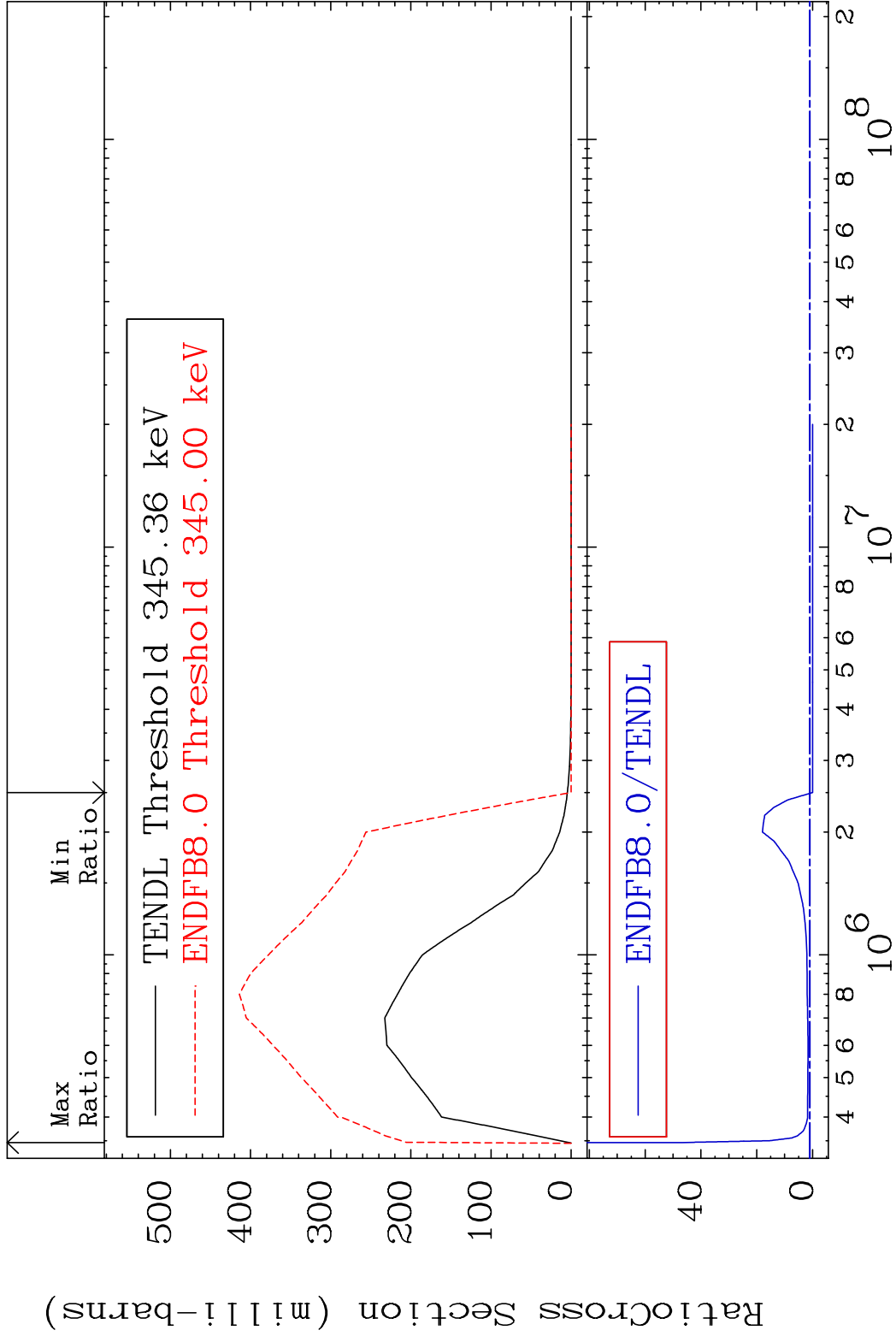


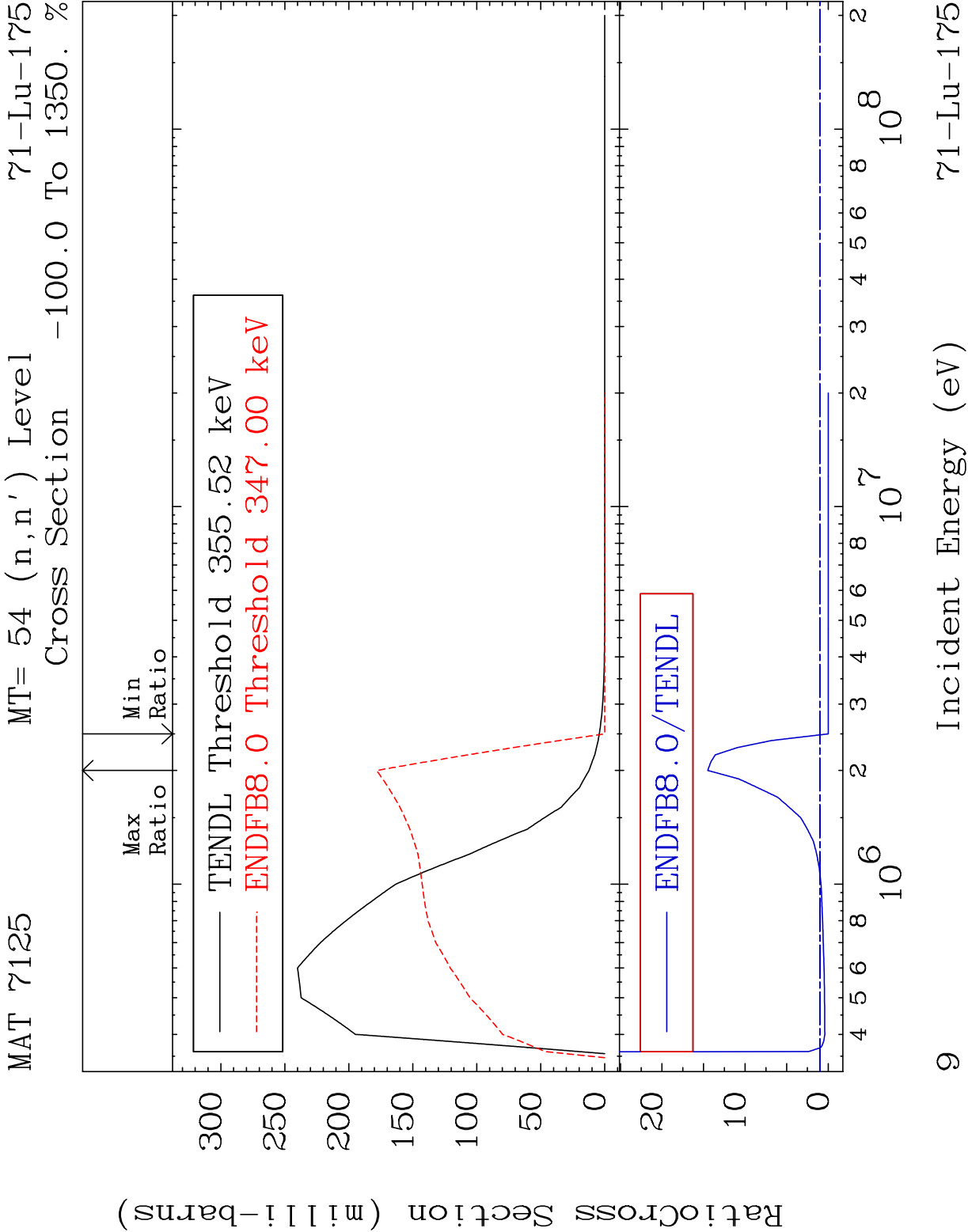
MAT 7125 MT= 52 (n,n') Level 71-Lu-175
Cross Section -100.0 To 5245. %



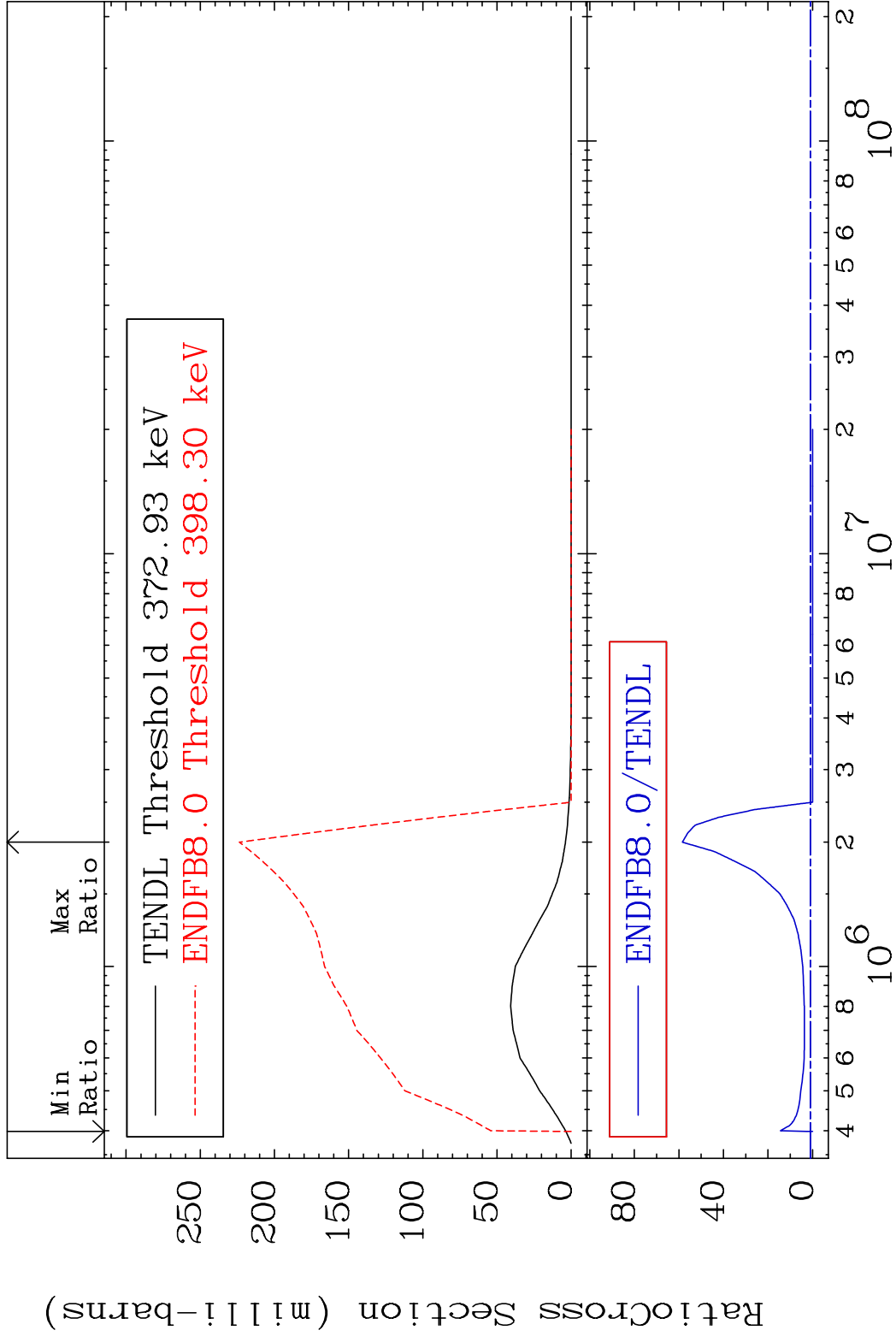
71-Lu-175

MAT 7125 MT= 53 (n,n') Level 71-Lu-175
Cross Section -100.0 To 4567. %





MAT 7125 MT= 55 (n,n') Level 71-Lu-175
Cross Section -100.0 To 5746. %



10 Incident Energy (eV) 71-Lu-175

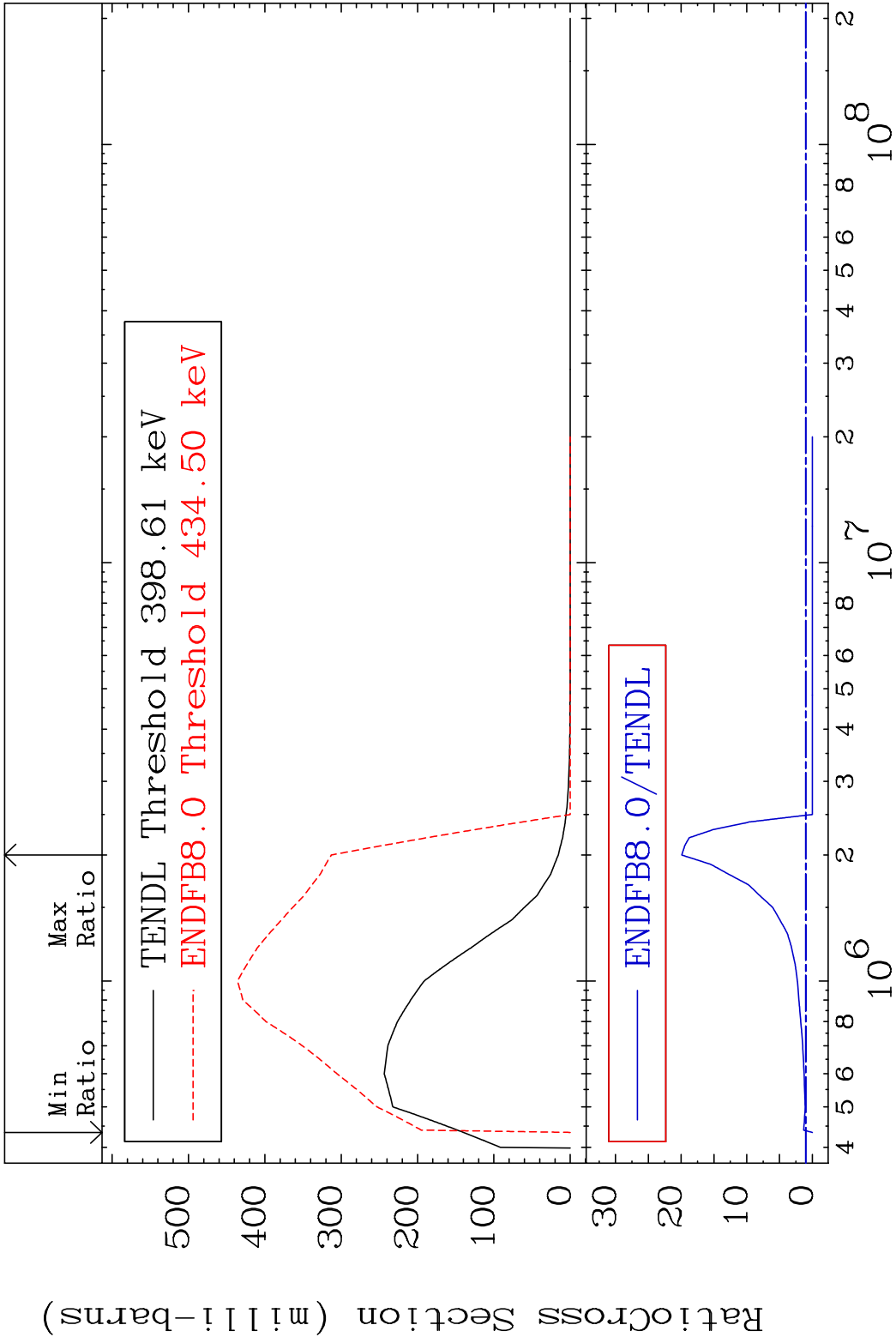
MAT 7125

MT= 56 (n,n') Level

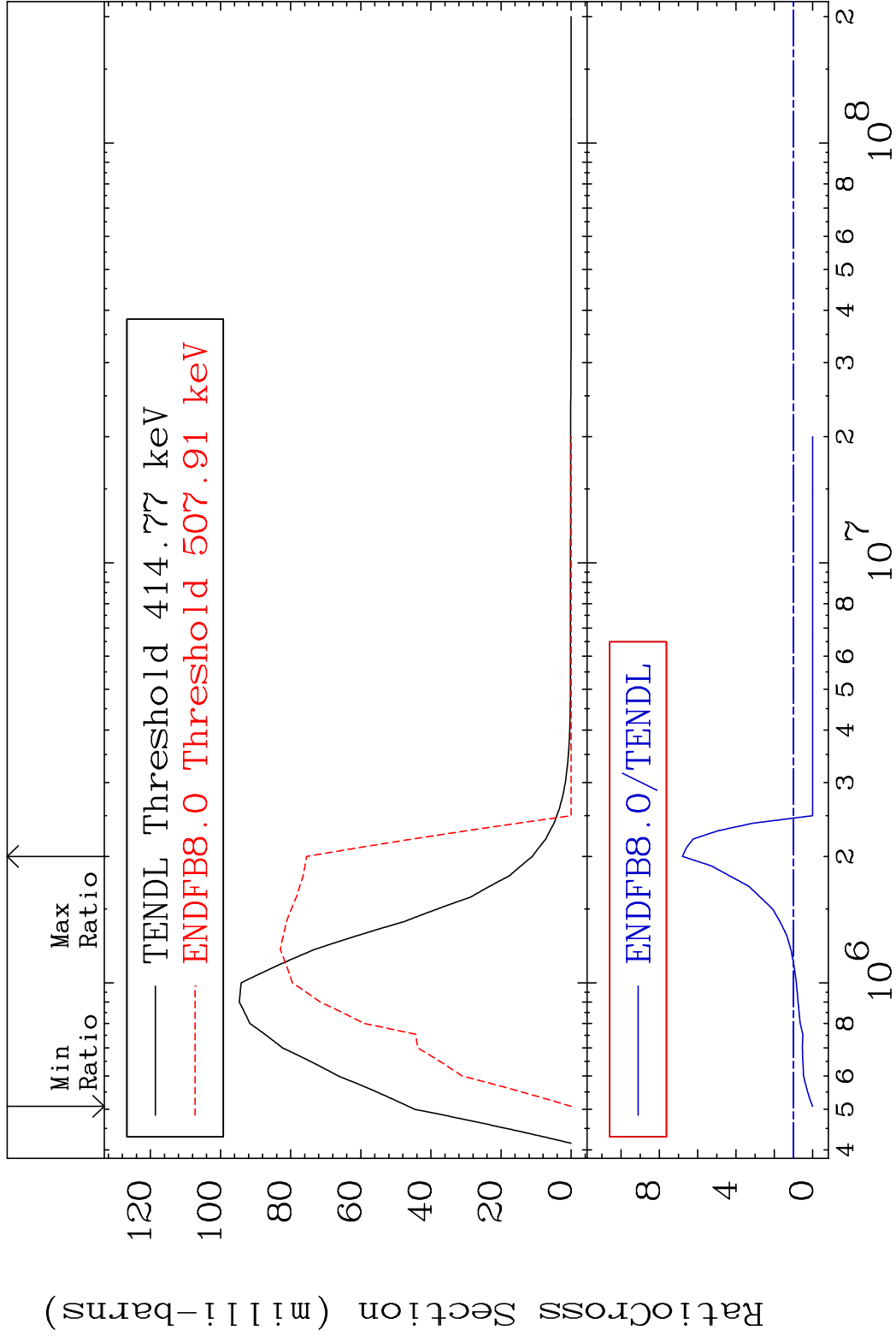
71-Lu-175

Cross Section

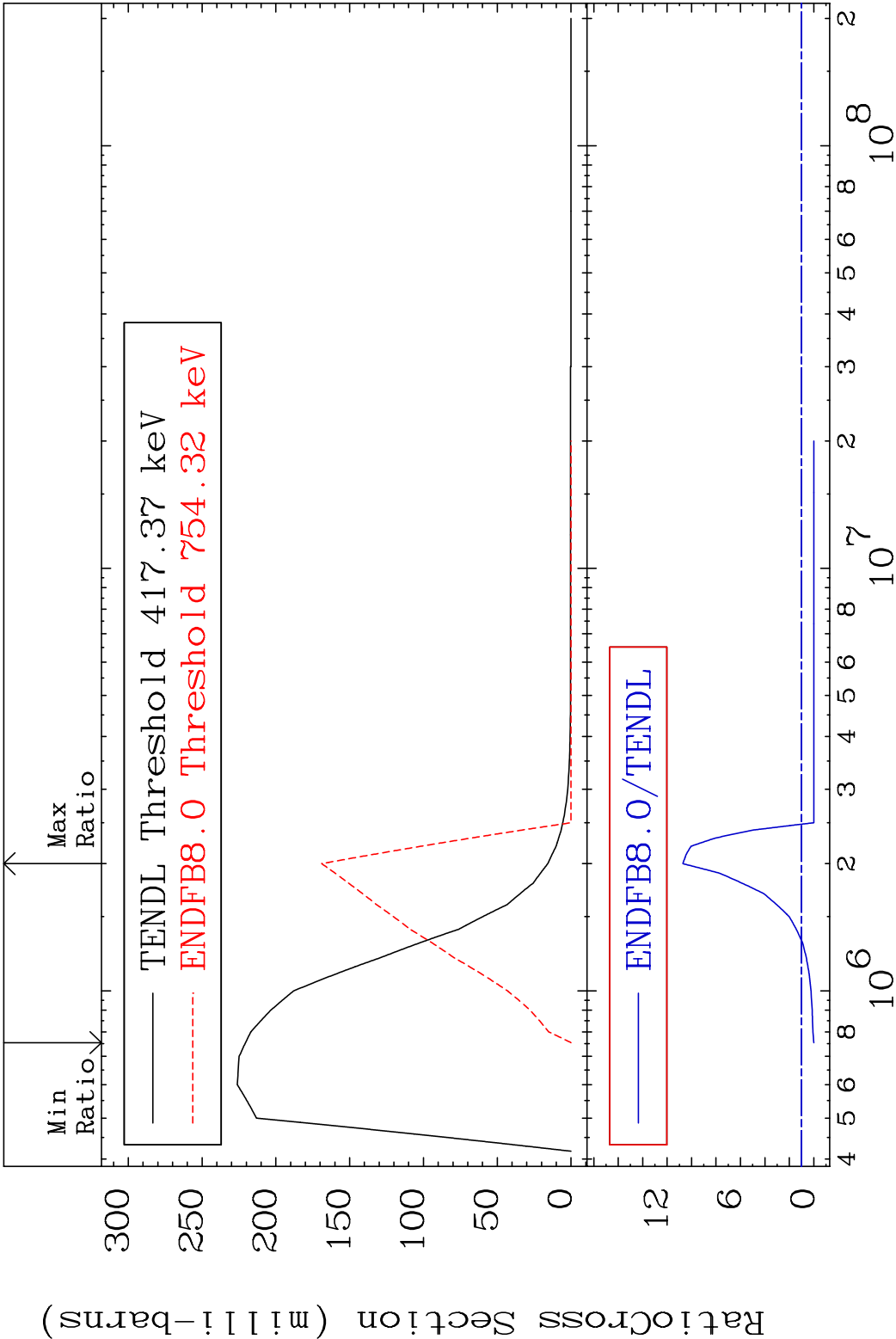
-100.0 To 1890. %



MAT 7125 MT= 57 (n,n') Level 71-Lu-175
Cross Section -100.0 To 579.7 %



MAT 7125 MT= 58 (n,n') Level 71-Lu-175
Cross Section -100.0 To 971.4 %



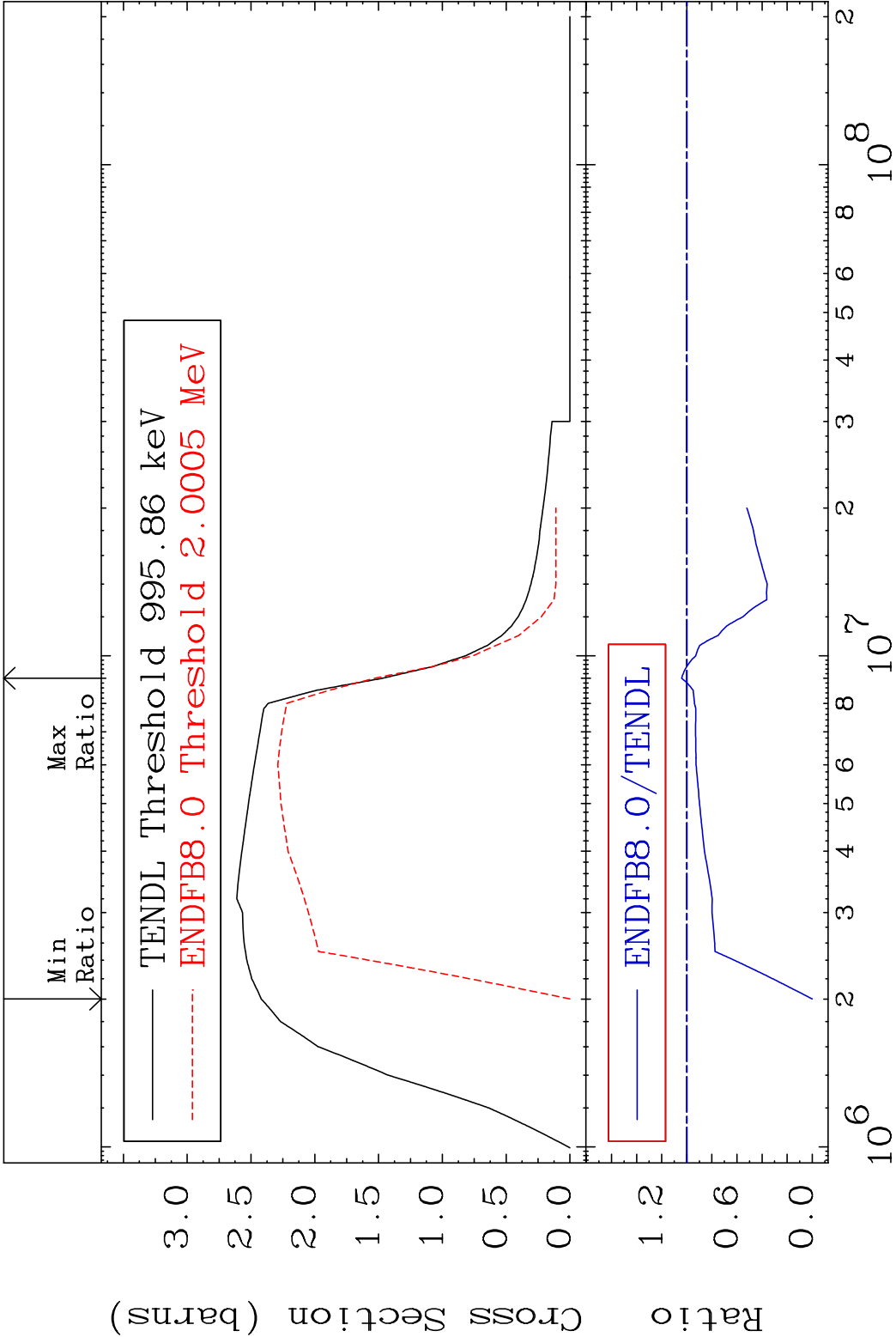
MAT 7125

(n,n') Continuum

71-Lu-175

Cross Section

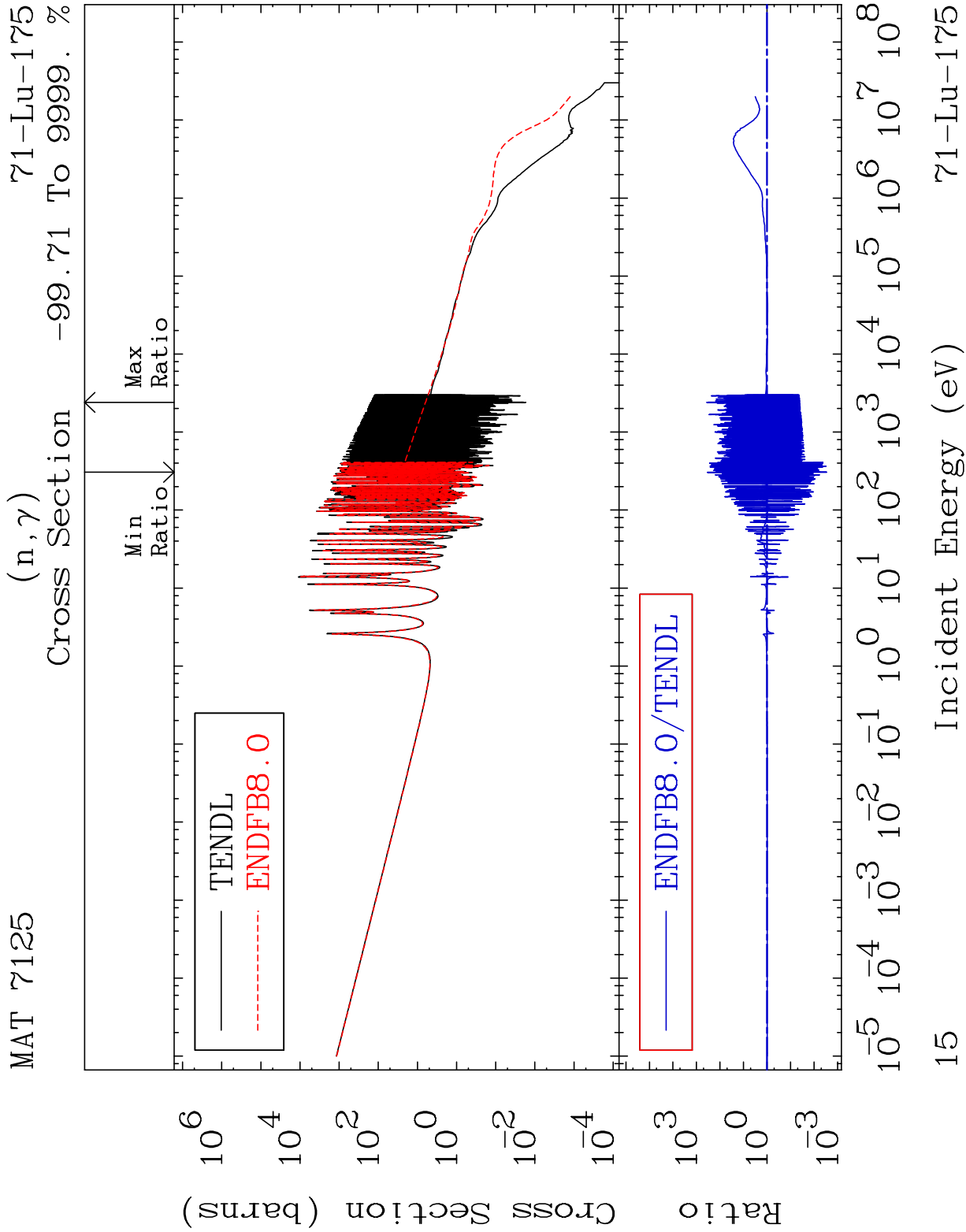
-100.0 To 4.194 %

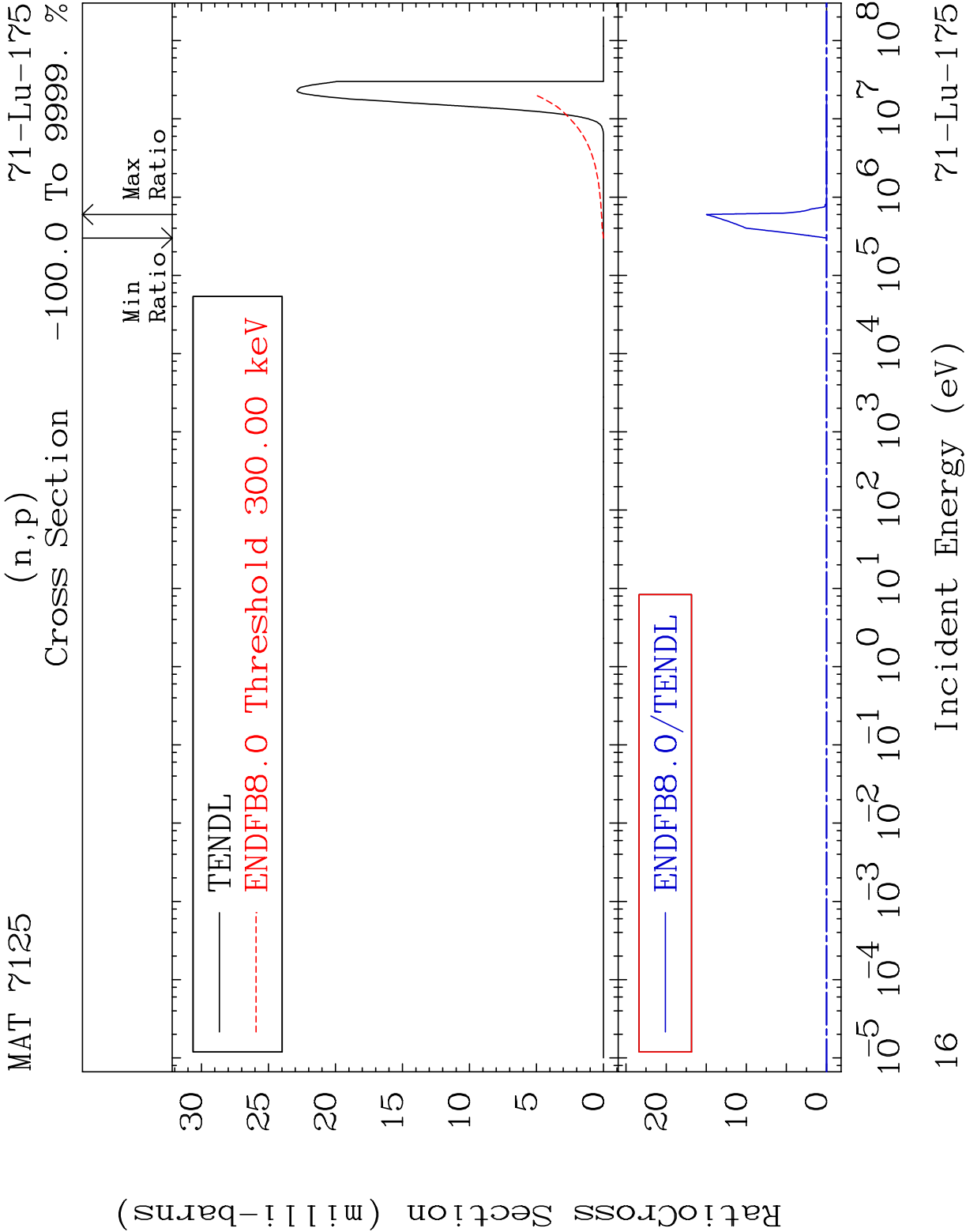


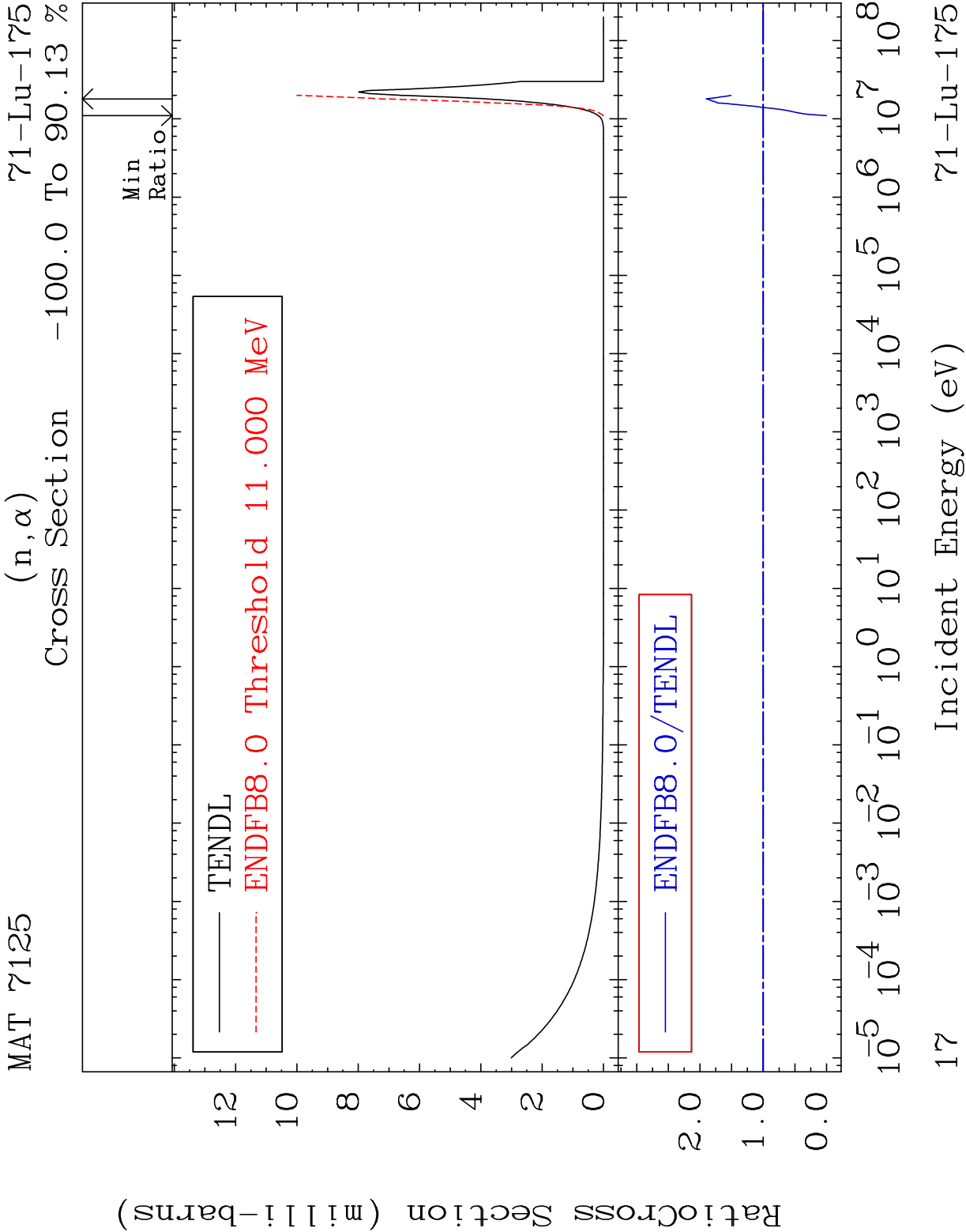
14

Incident Energy (eV)

71-Lu-175





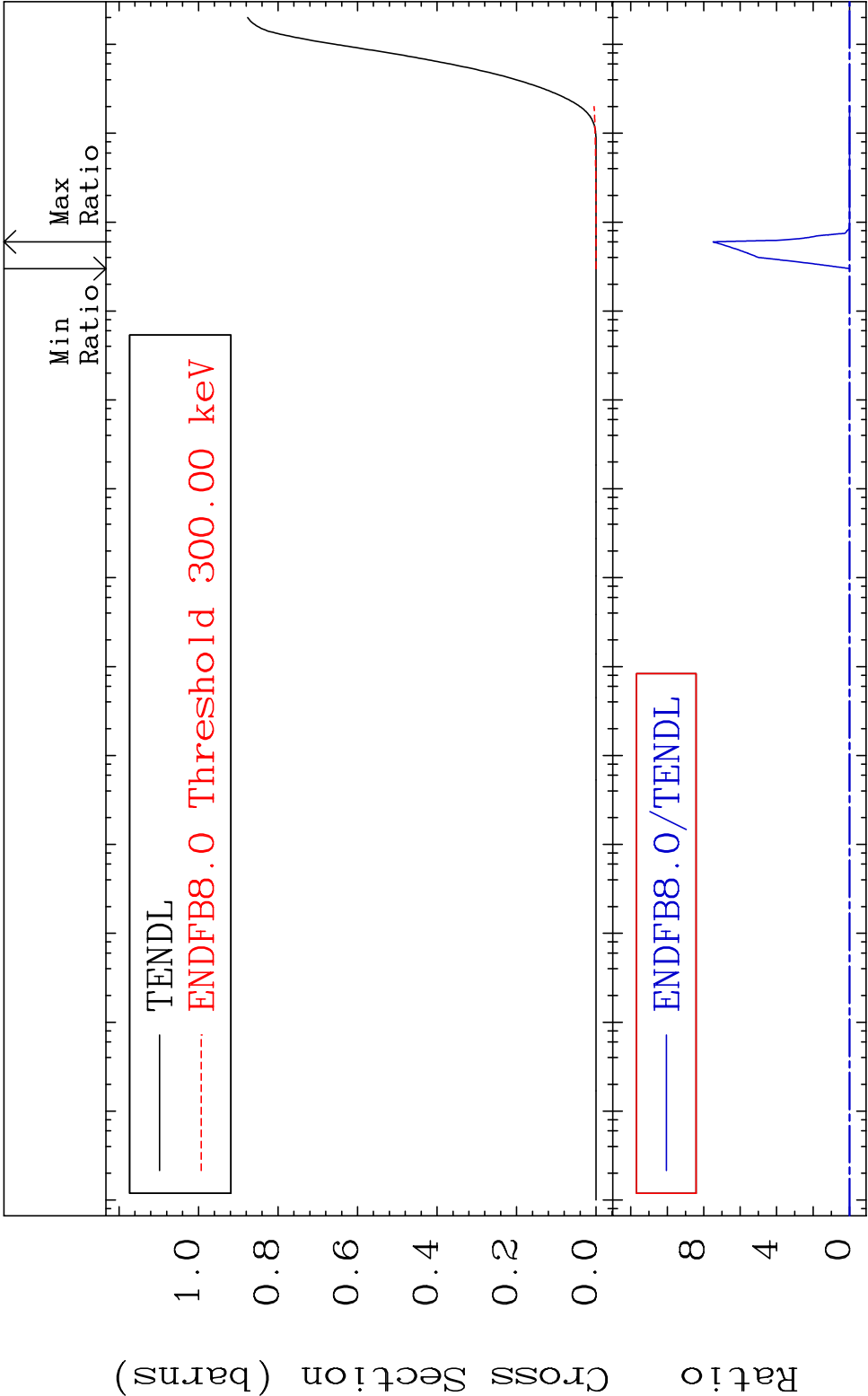


MAT 7125

Hydrogen Production

71-Lu-175

Cross Section -100.0 To 9999. %

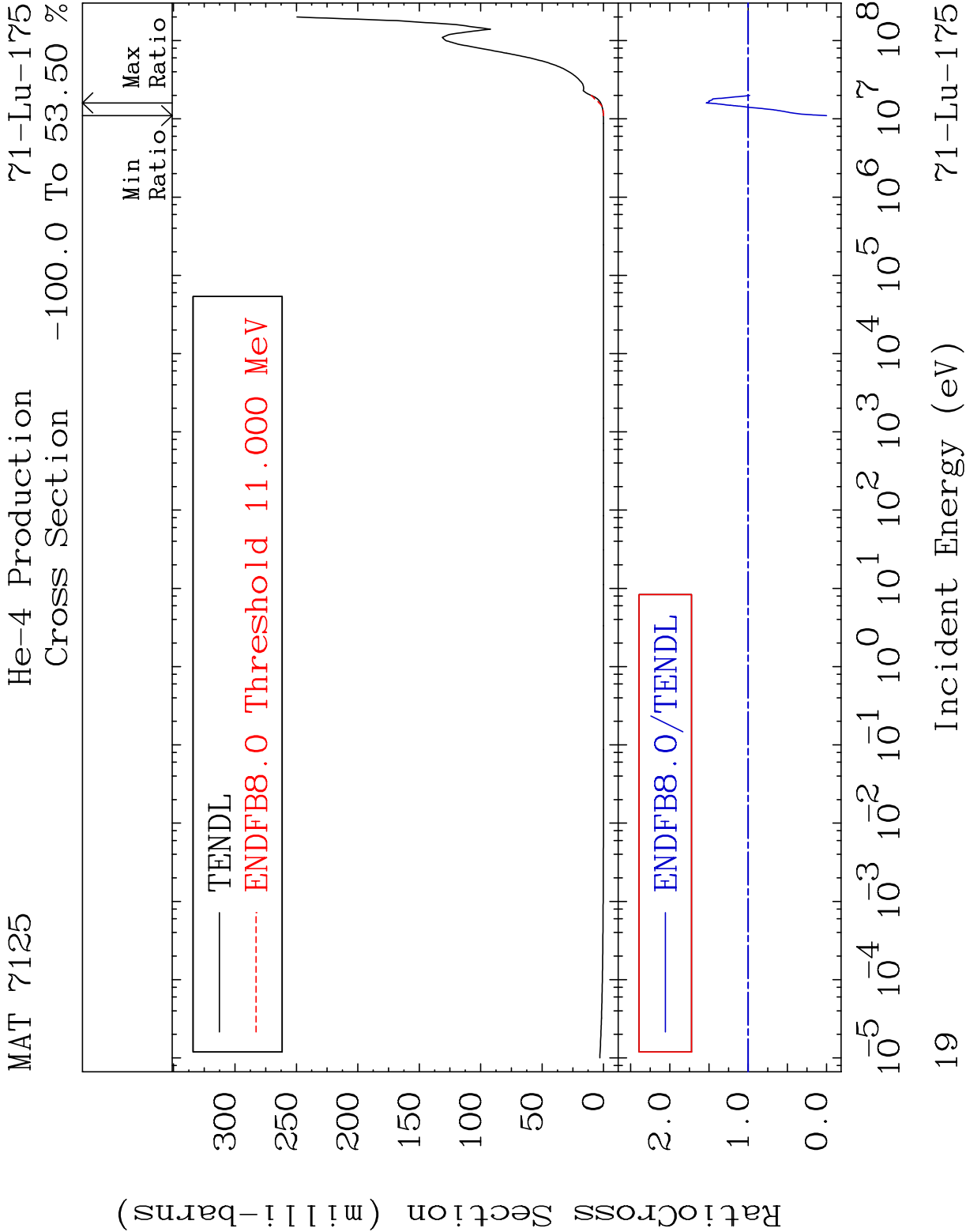


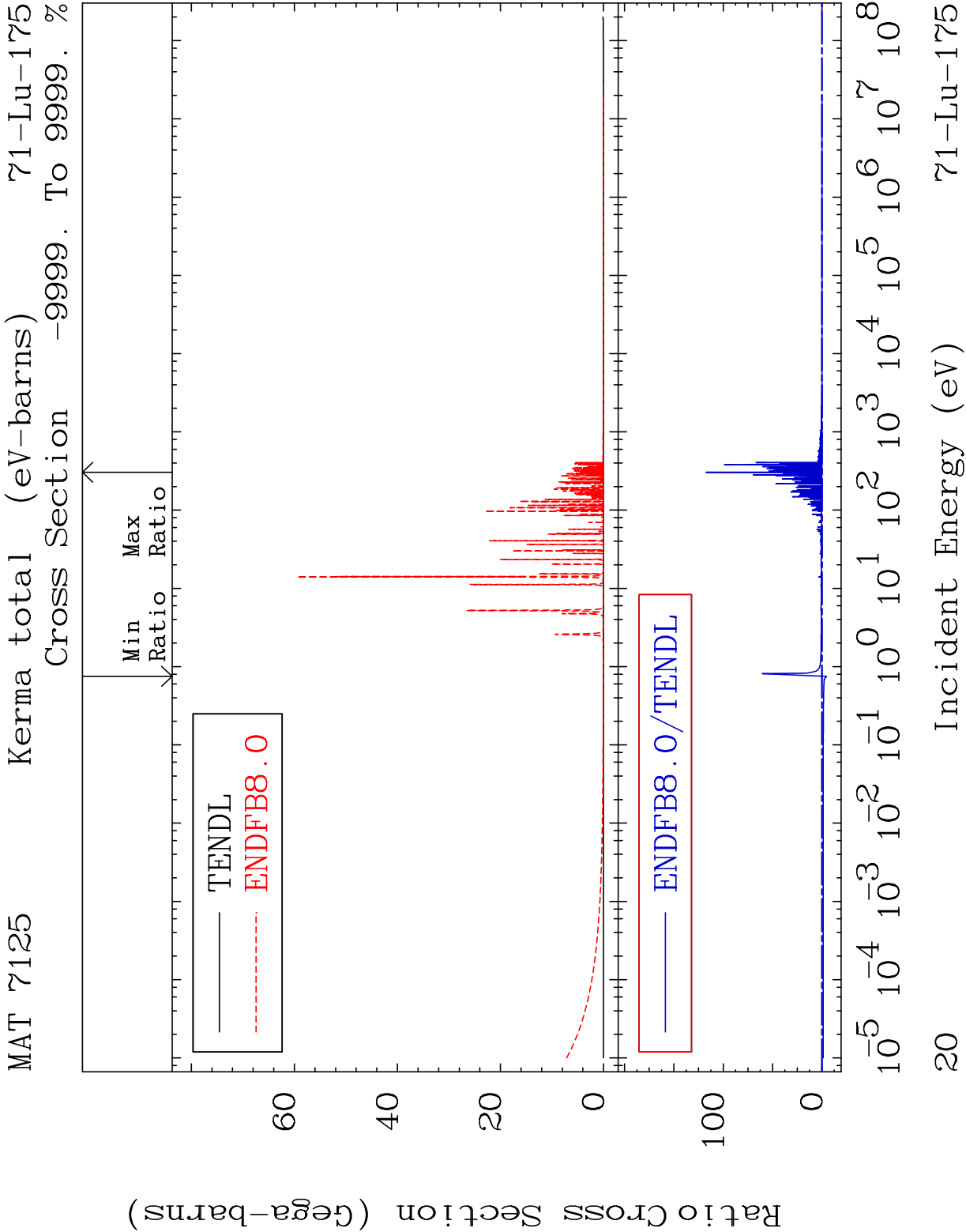
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

18

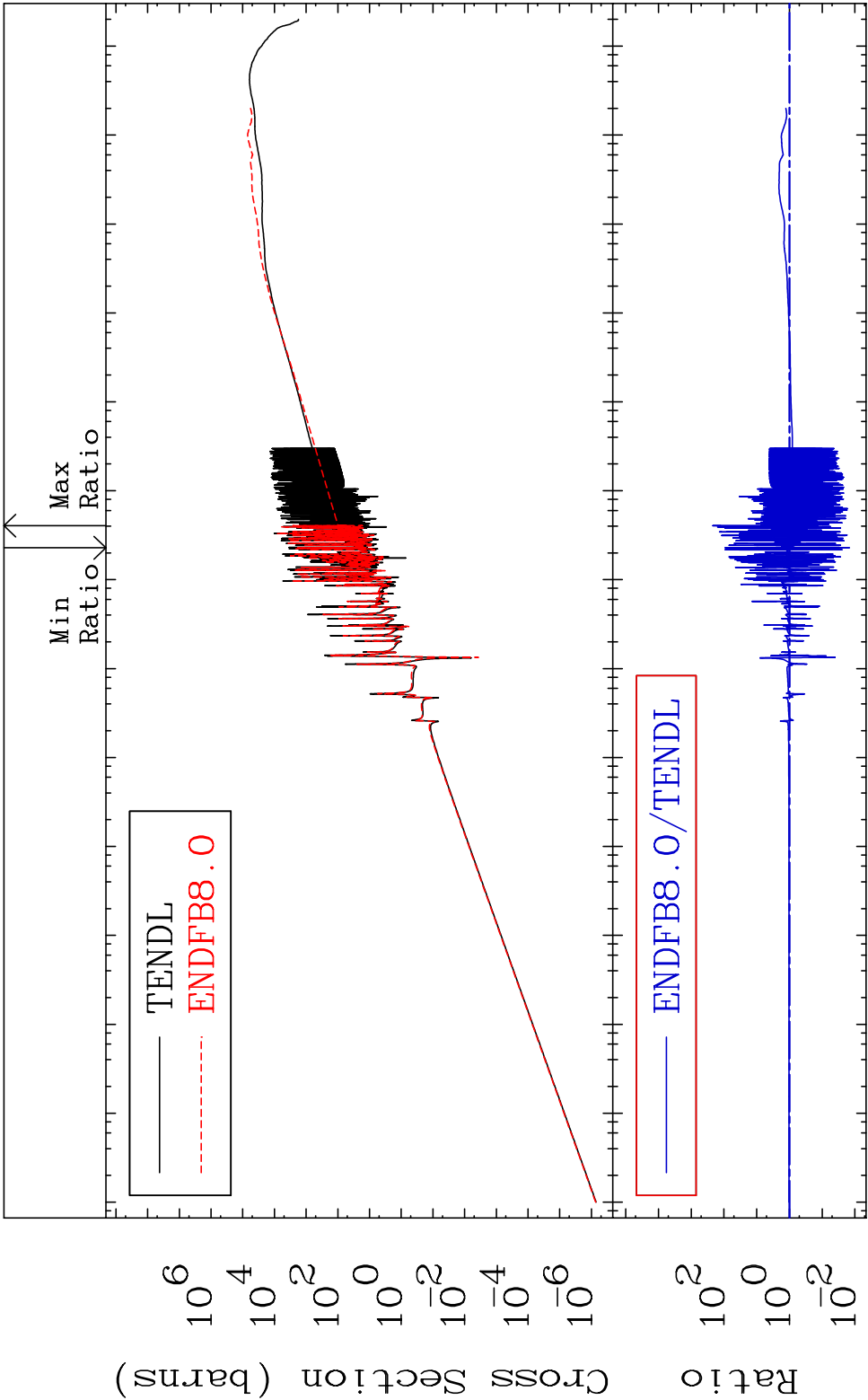
Incident Energy (eV)

71-Lu-175

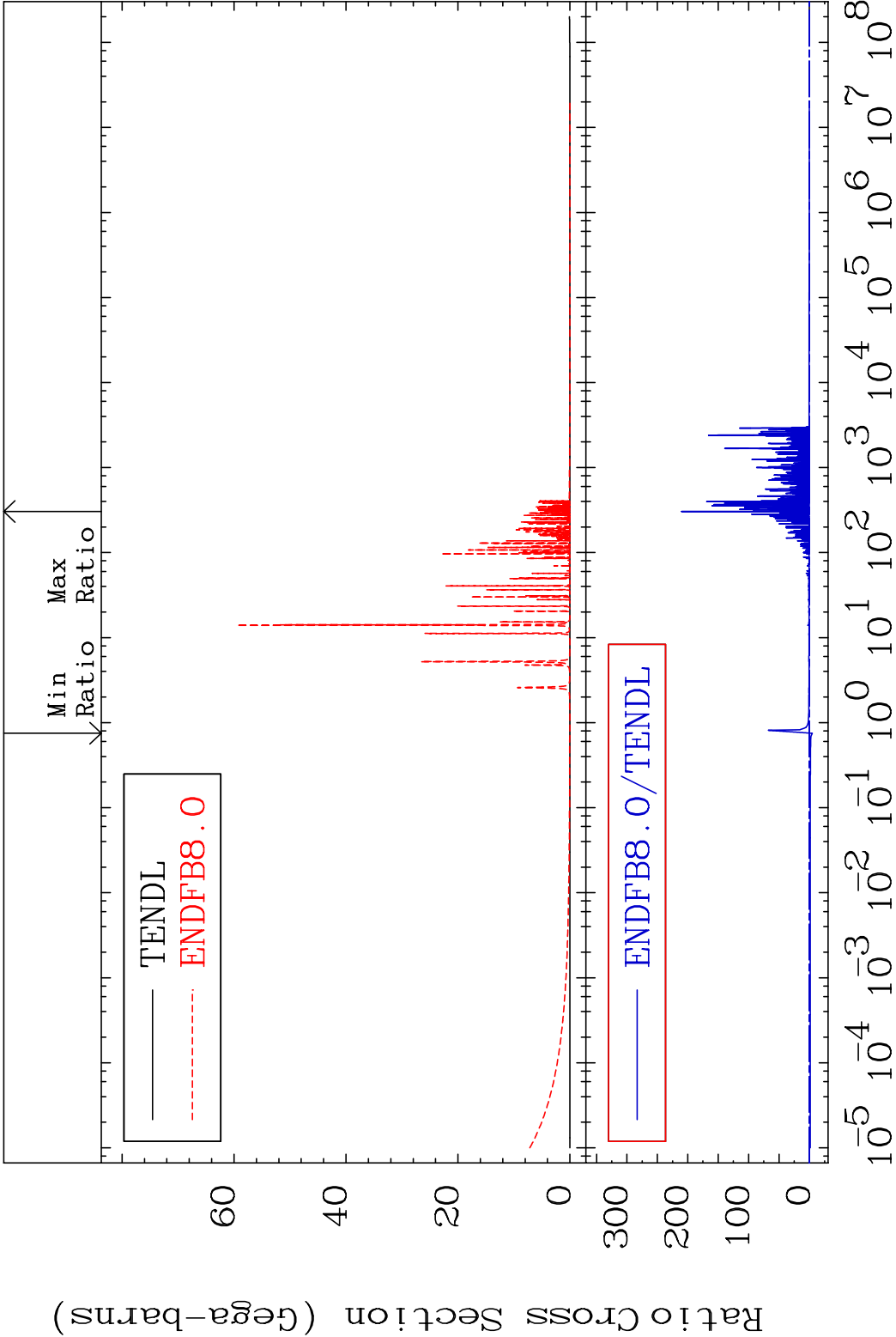


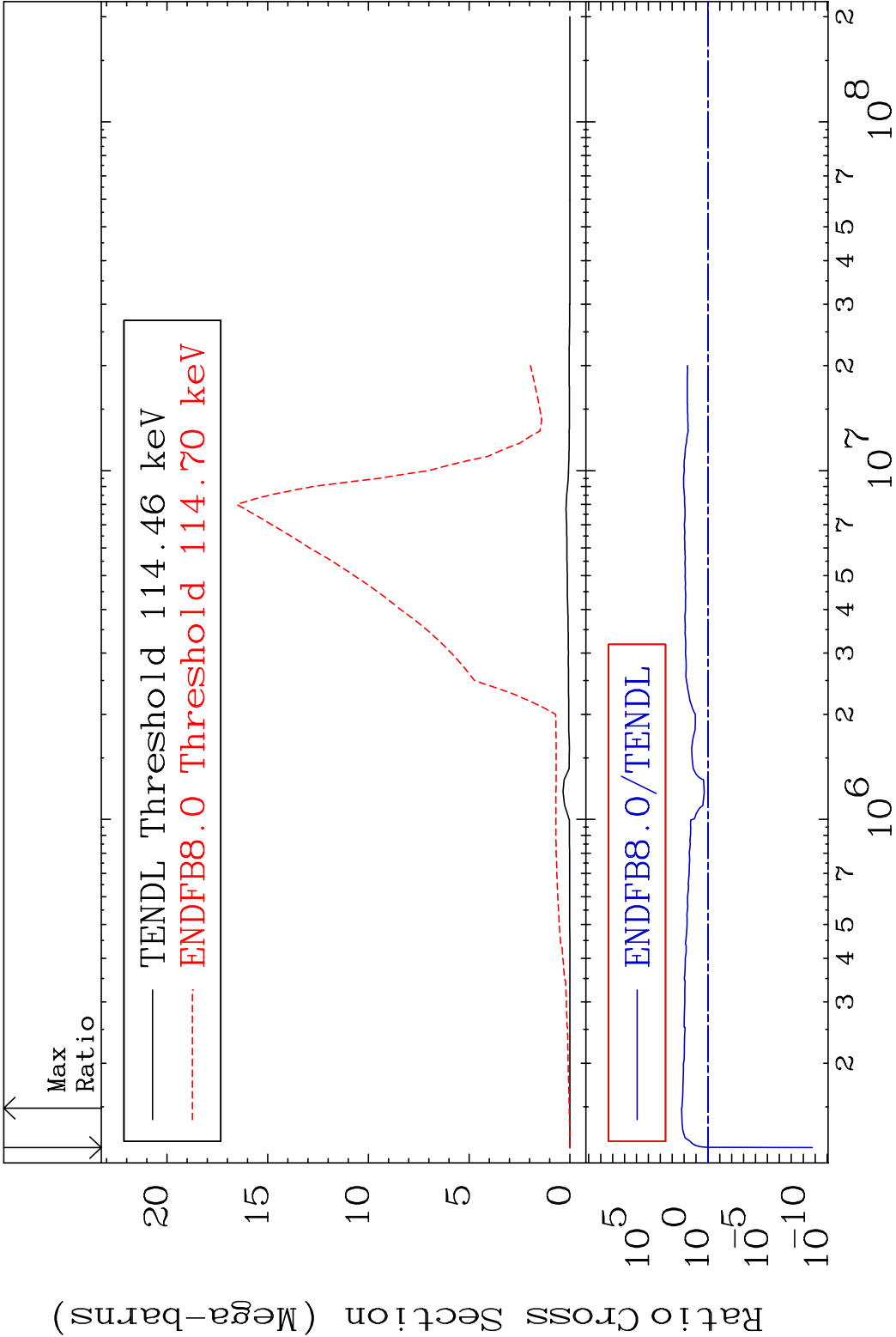


MAT 7125	Kerma elastic	71-Lu-175
	Cross Section	-98.54 To 9999. %

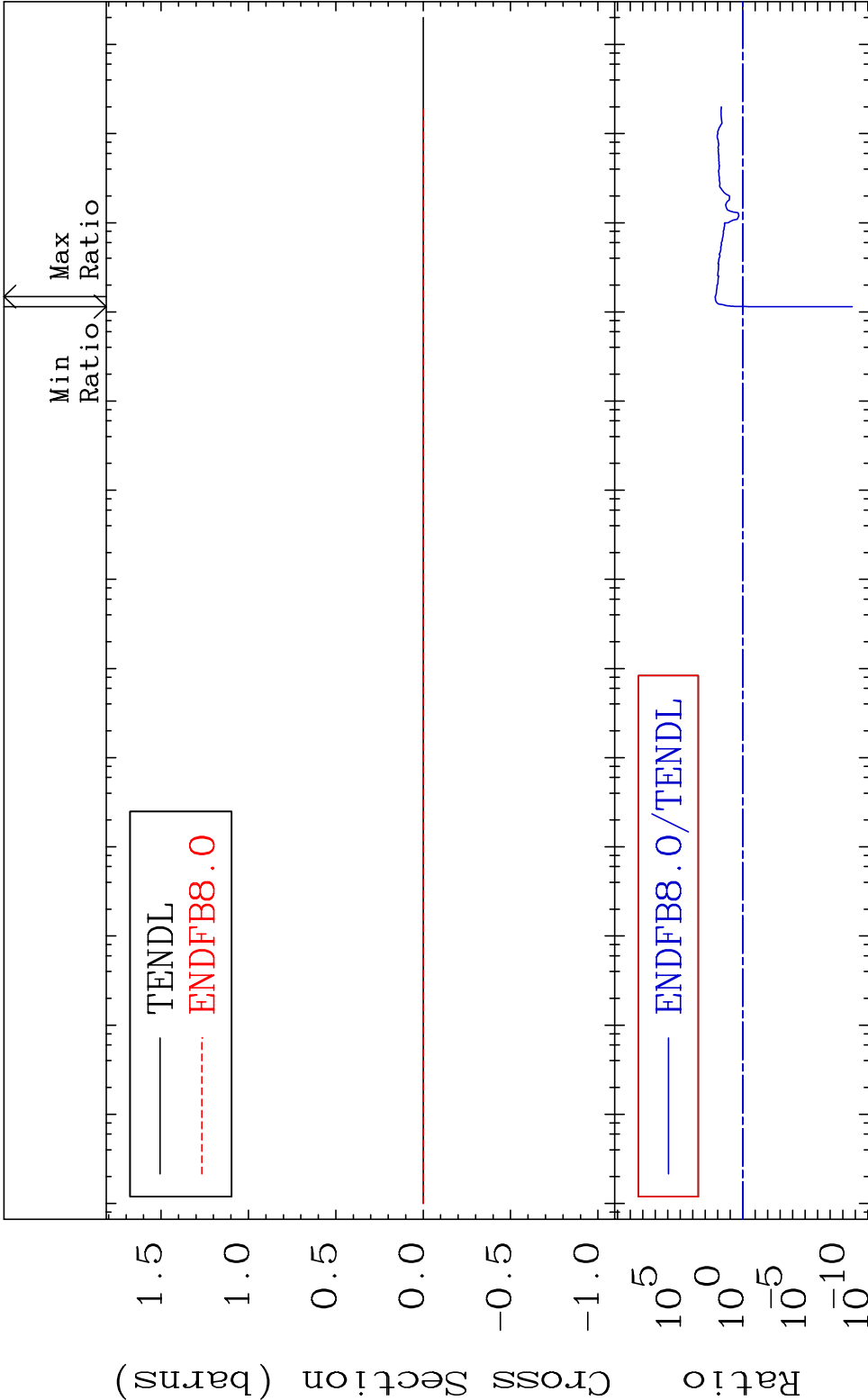


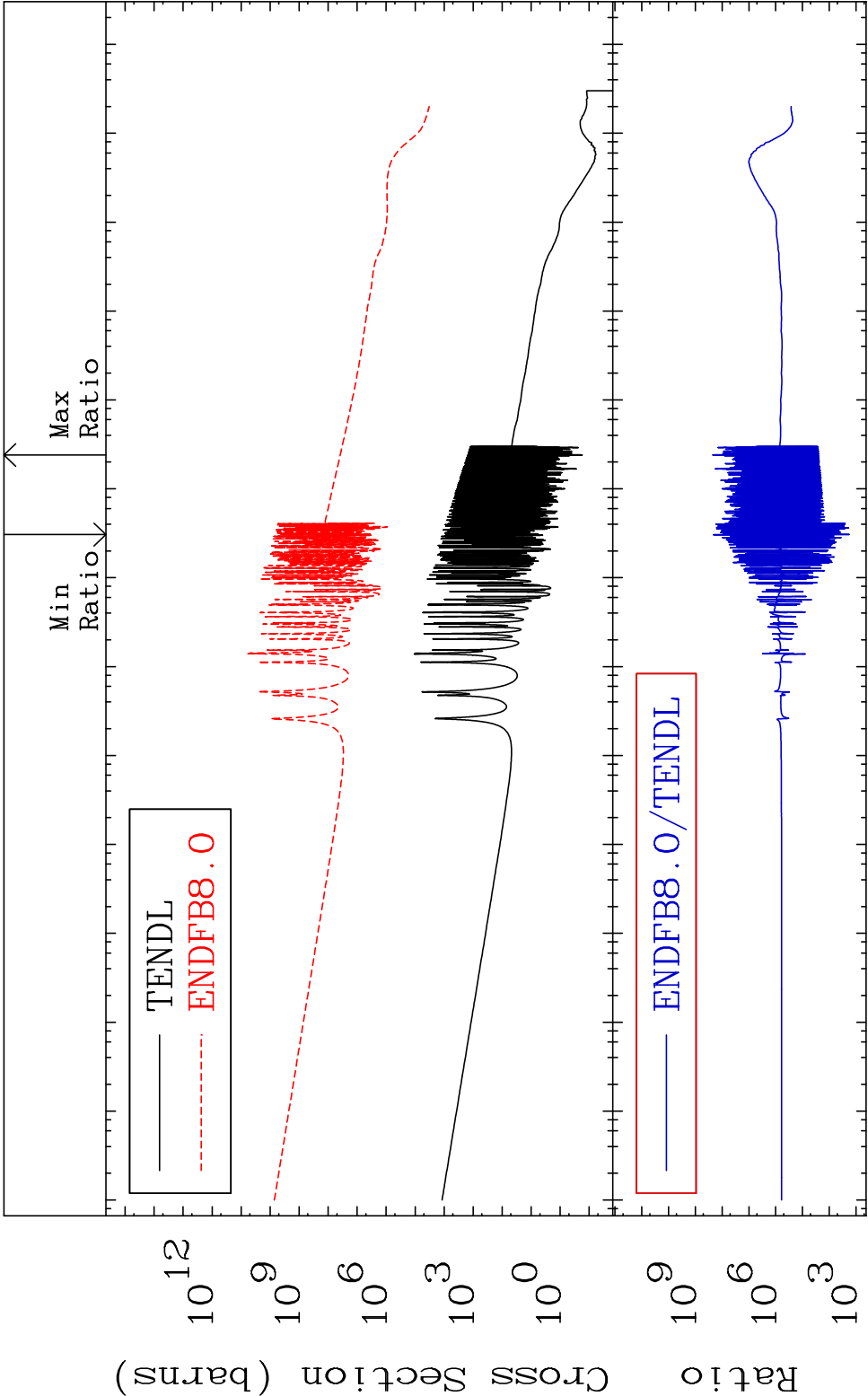
MAT 7125 Kerma non-elastic (all but mt2) 71-Lu-175
Cross Section -9999. To 9999. %

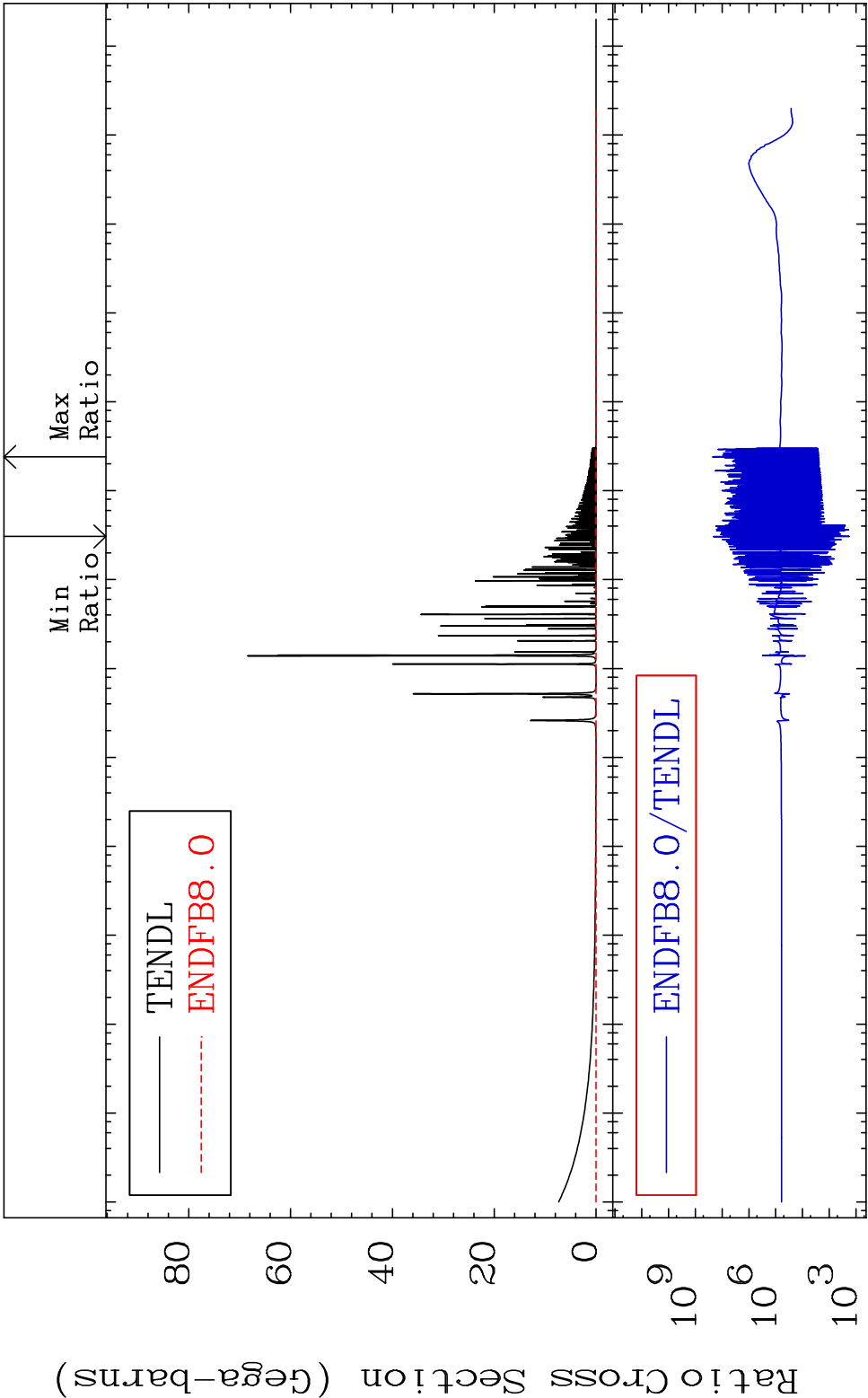




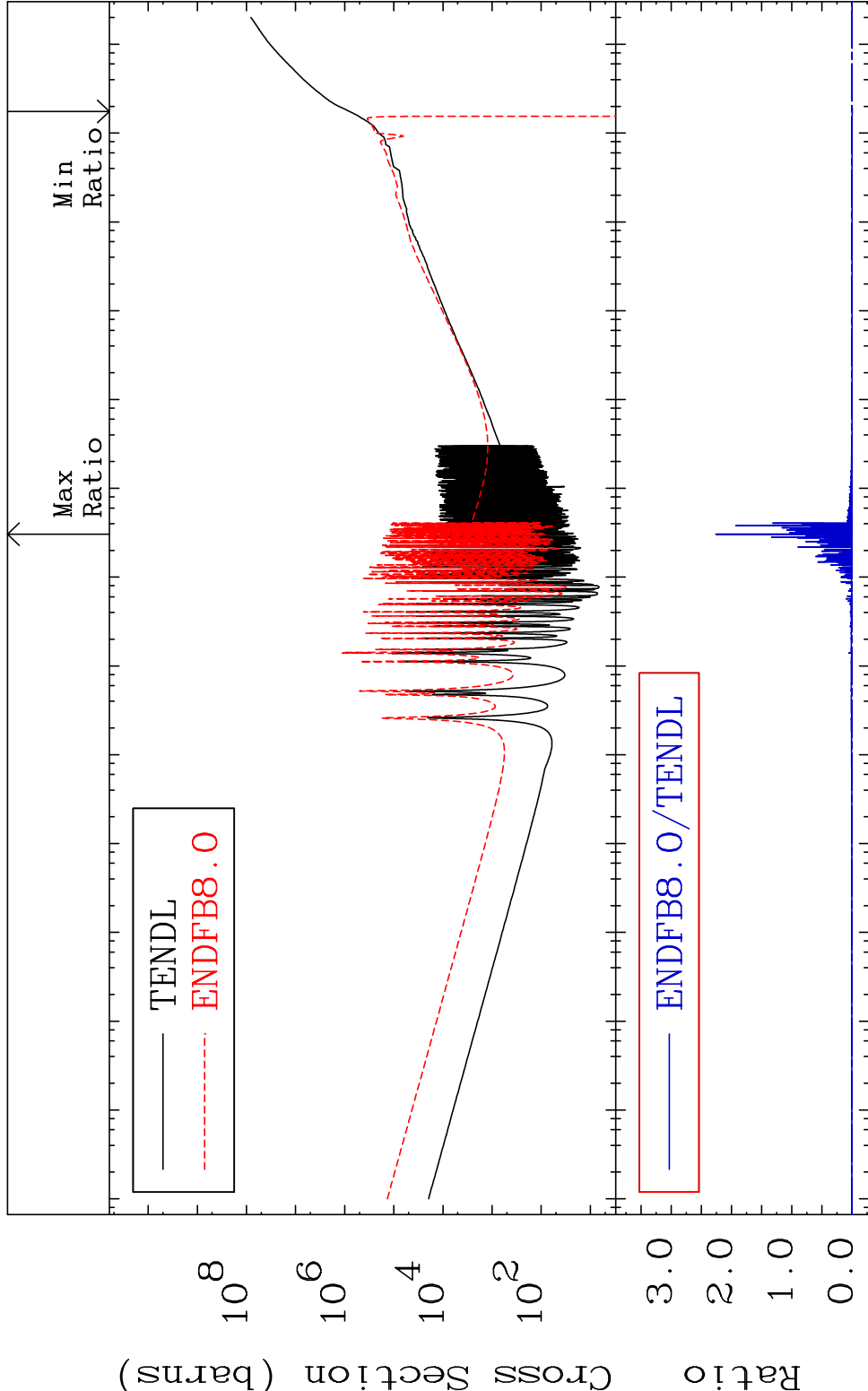
MAT 7125 Kerma fission (mt18 or mt19-20-21-38) 71-Lu-175
Cross Section -100.0 To 9999. %



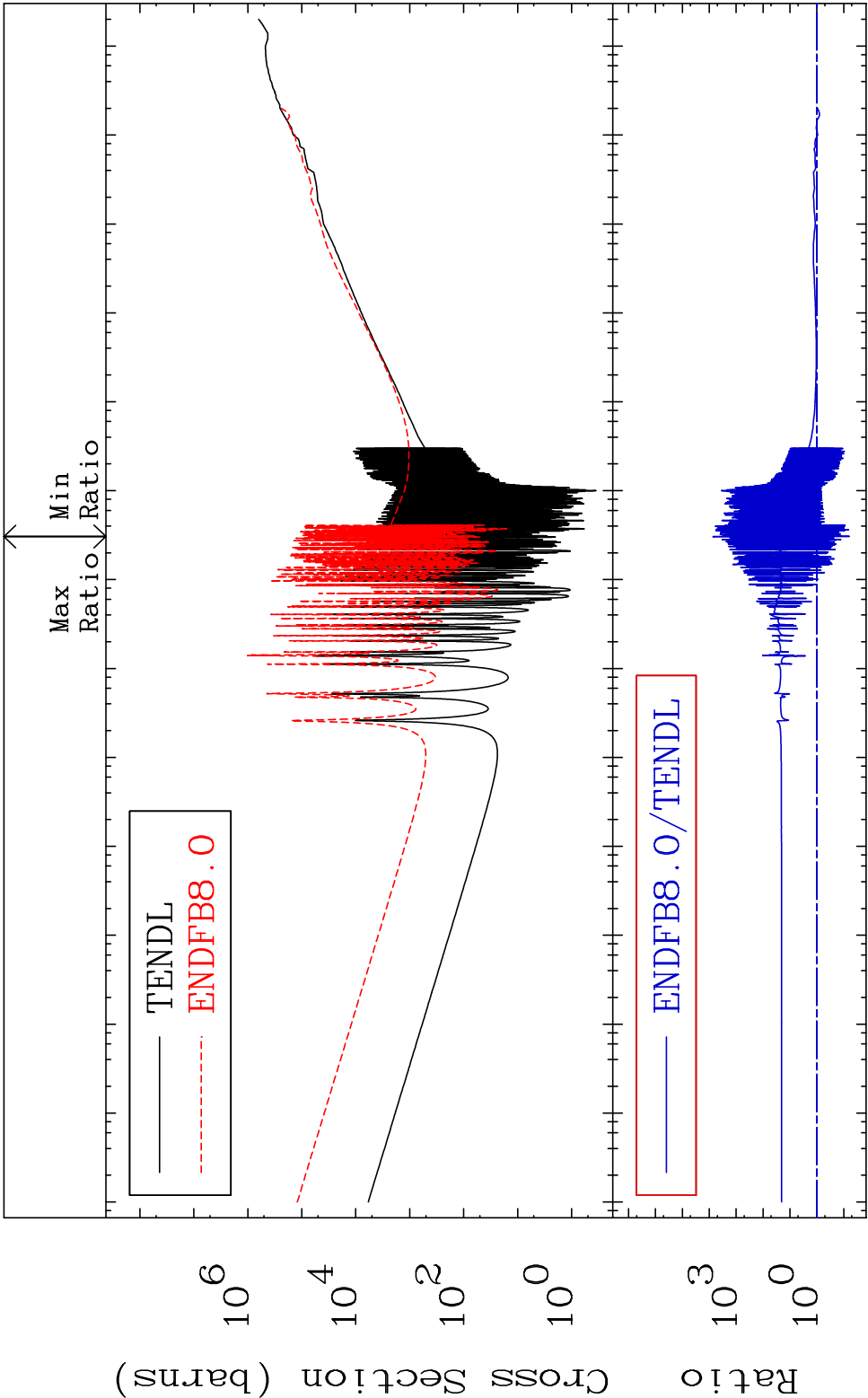




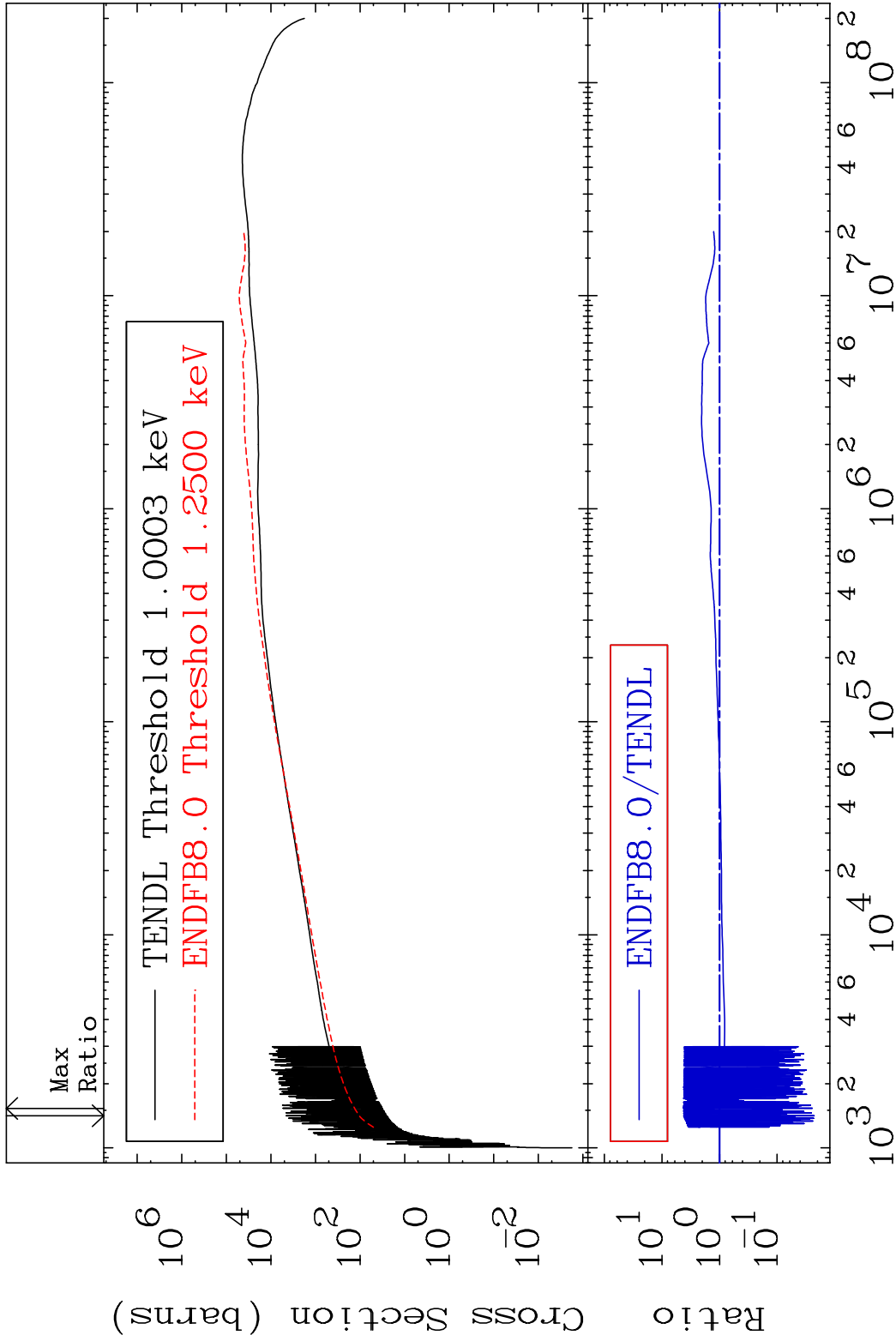
MAT 7125 Total kinematic kerma (high limit) 71-Lu-175
Cross Section -289.0 To 9999. %

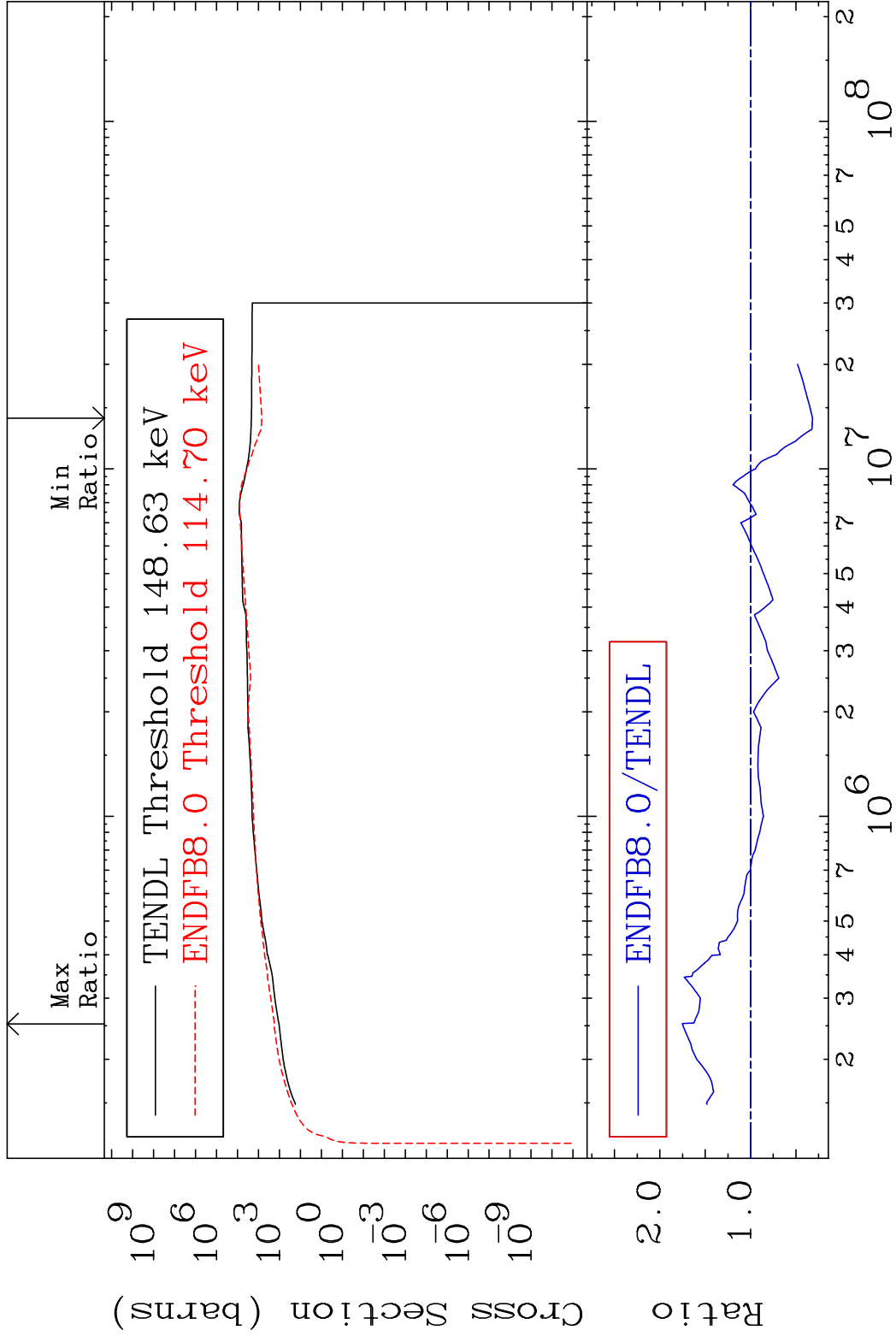


MAT 7125	Dpa total (eV-barns)	71-Lu-175
	Cross Section	-93.90 To 9999. %



MAT 7125 Dpa elastic (mt2) 71-Lu-175
Cross Section -97.71 To 323.1 %





MAT 7125 Dpa disappearance (mt102 -120) 71-Lu-175
Cross Section -93.90 To 9999. %

