

Program Complot
(Version 2021-1)

by

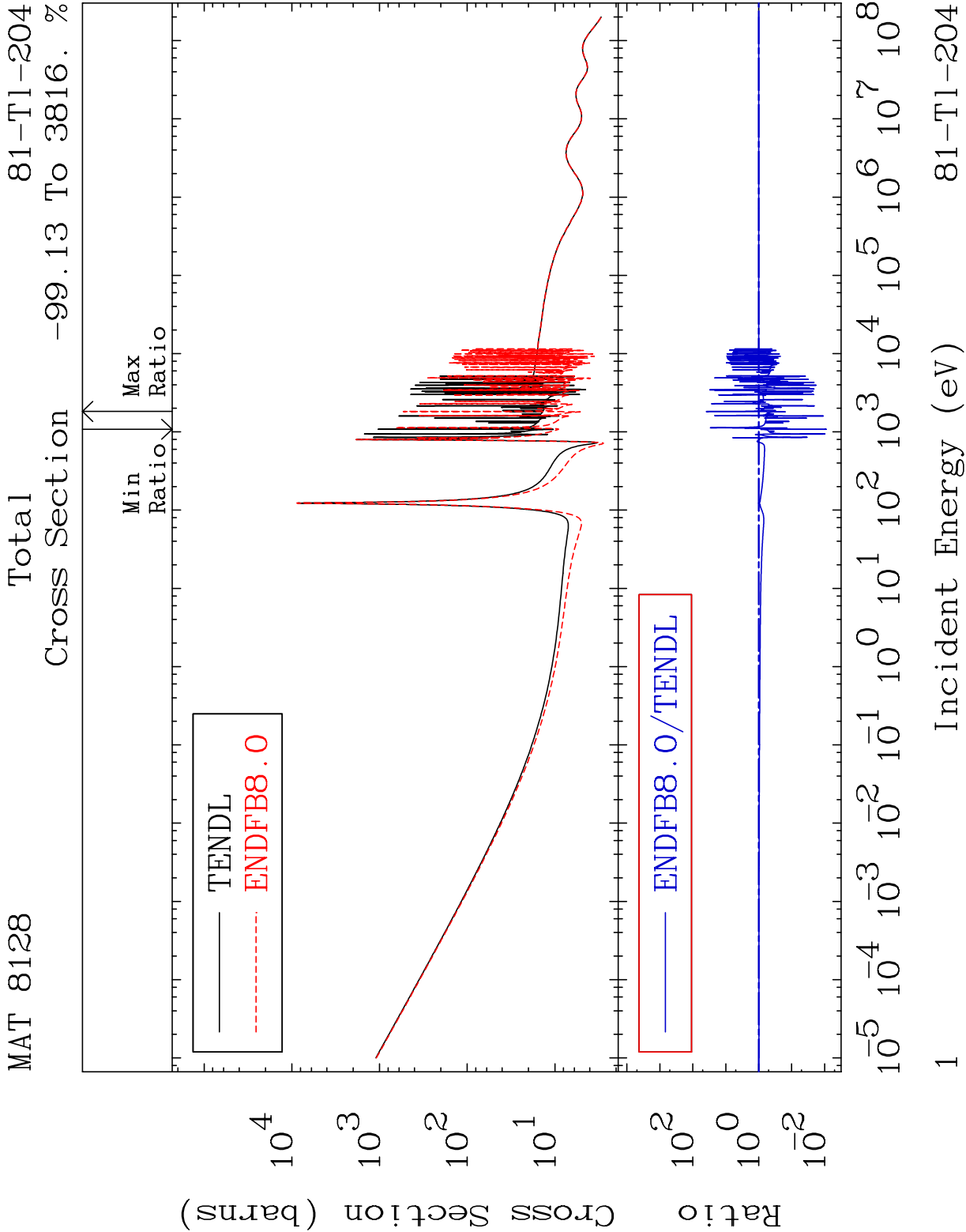
Dermott E. Cullen
(Present Contact Information)

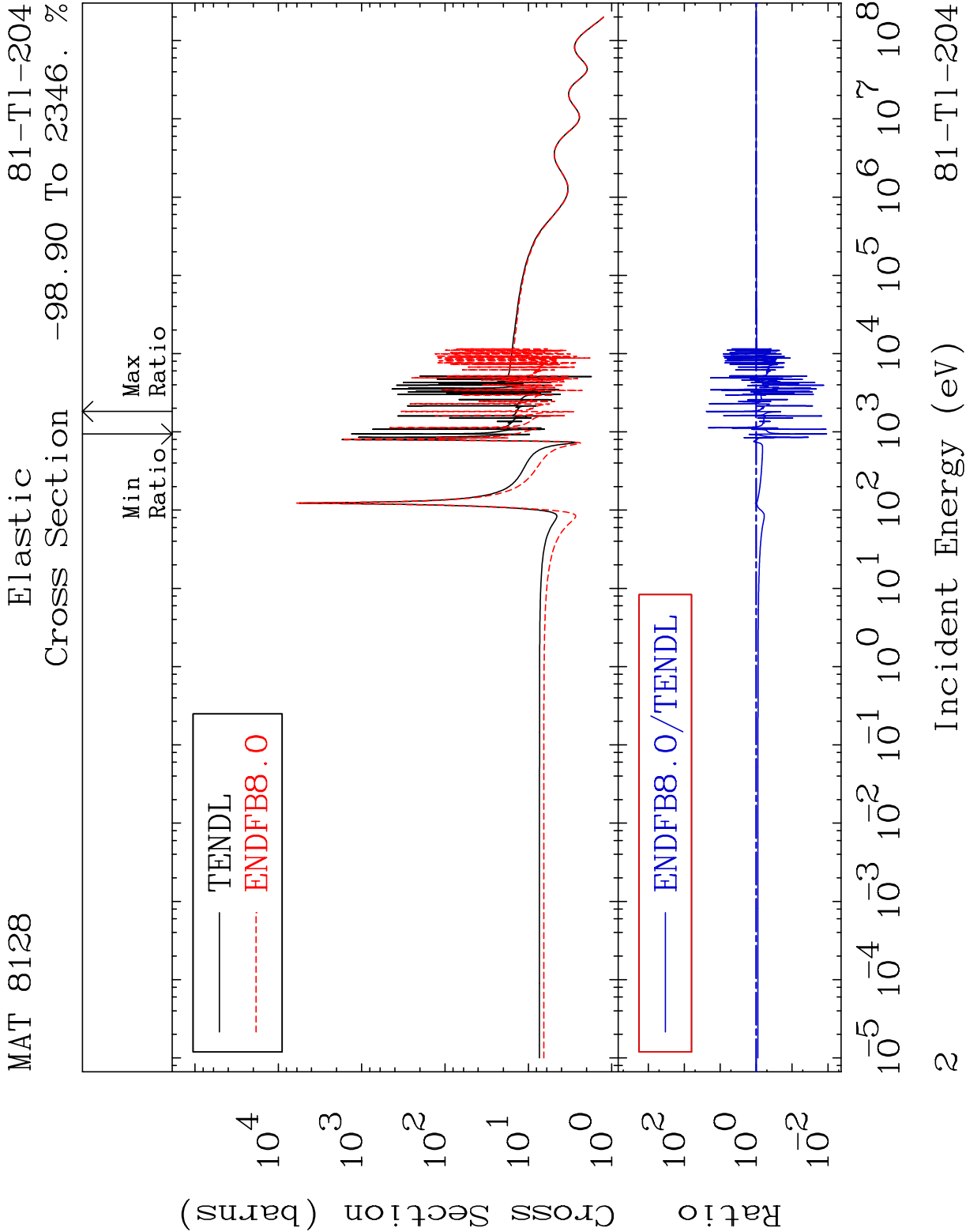
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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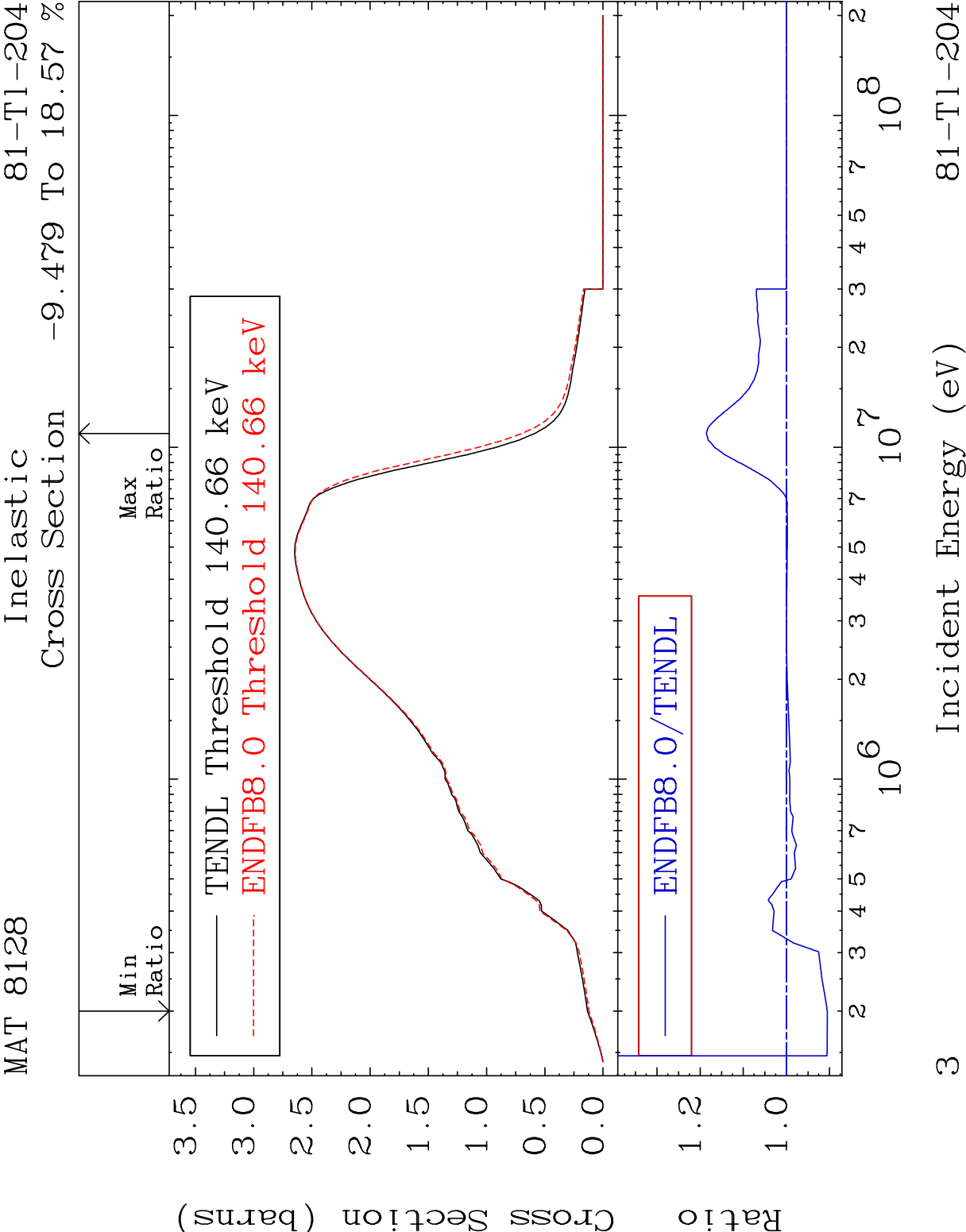
Tele: 925-443-1911

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

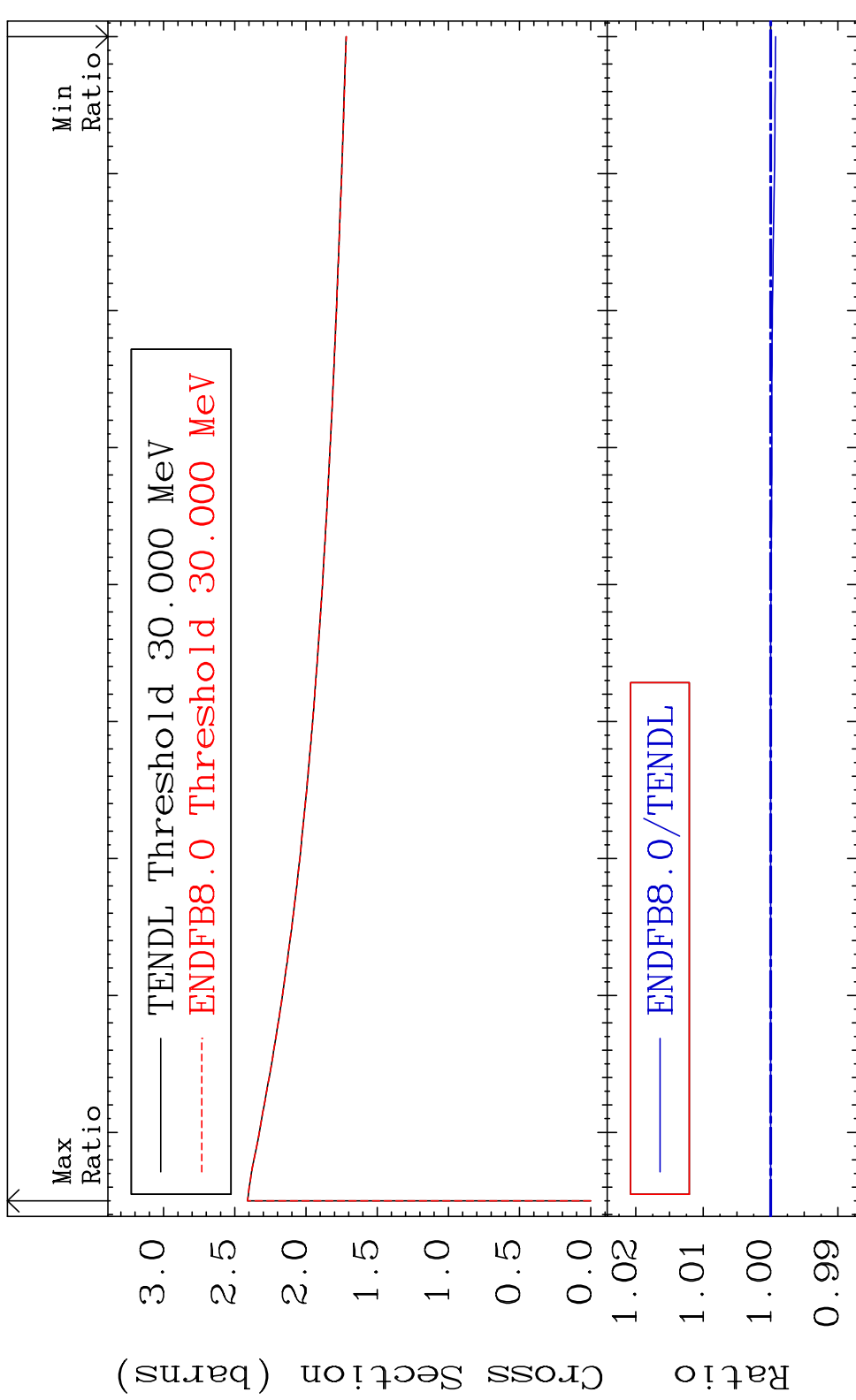
Press Mouse Button to Start

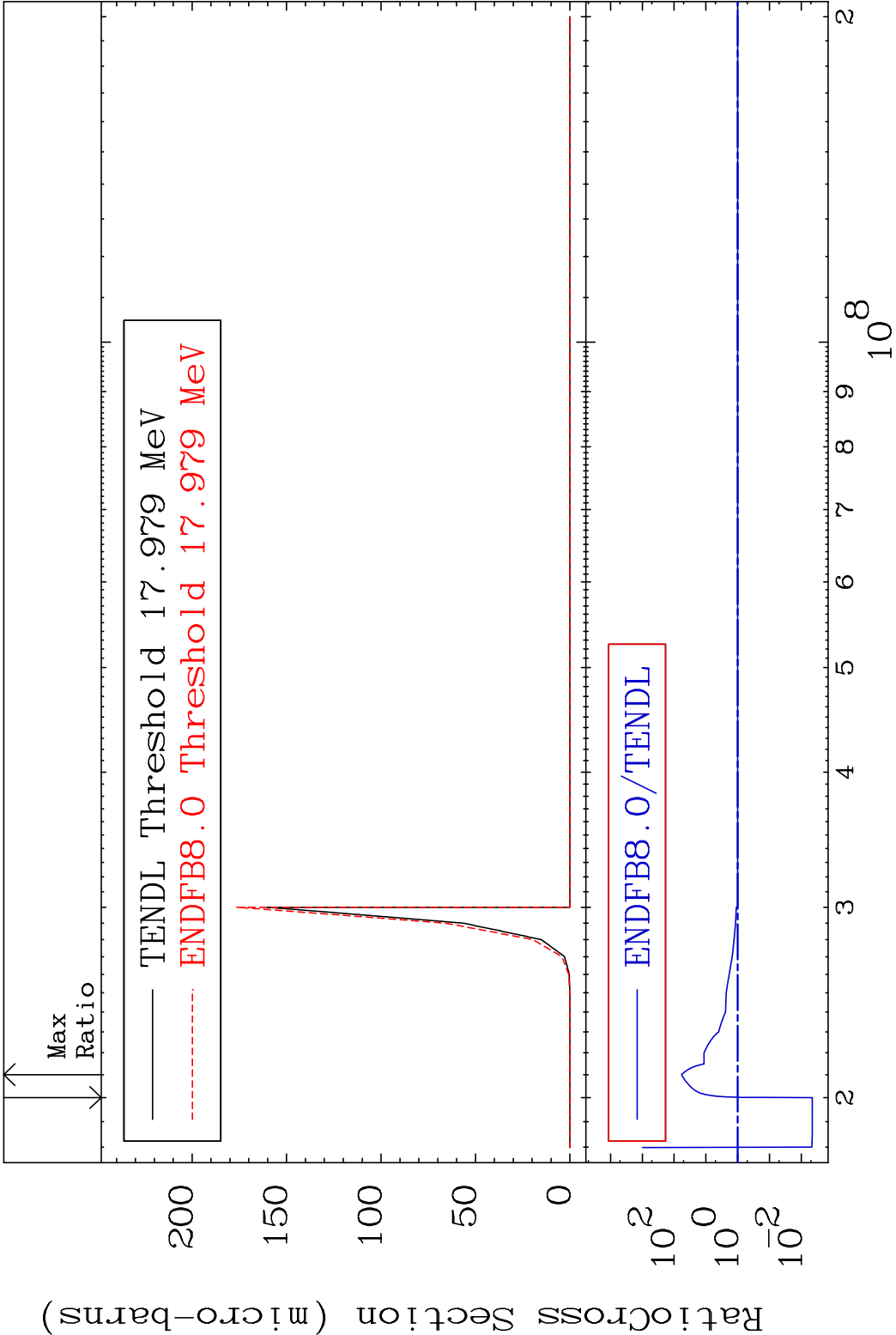


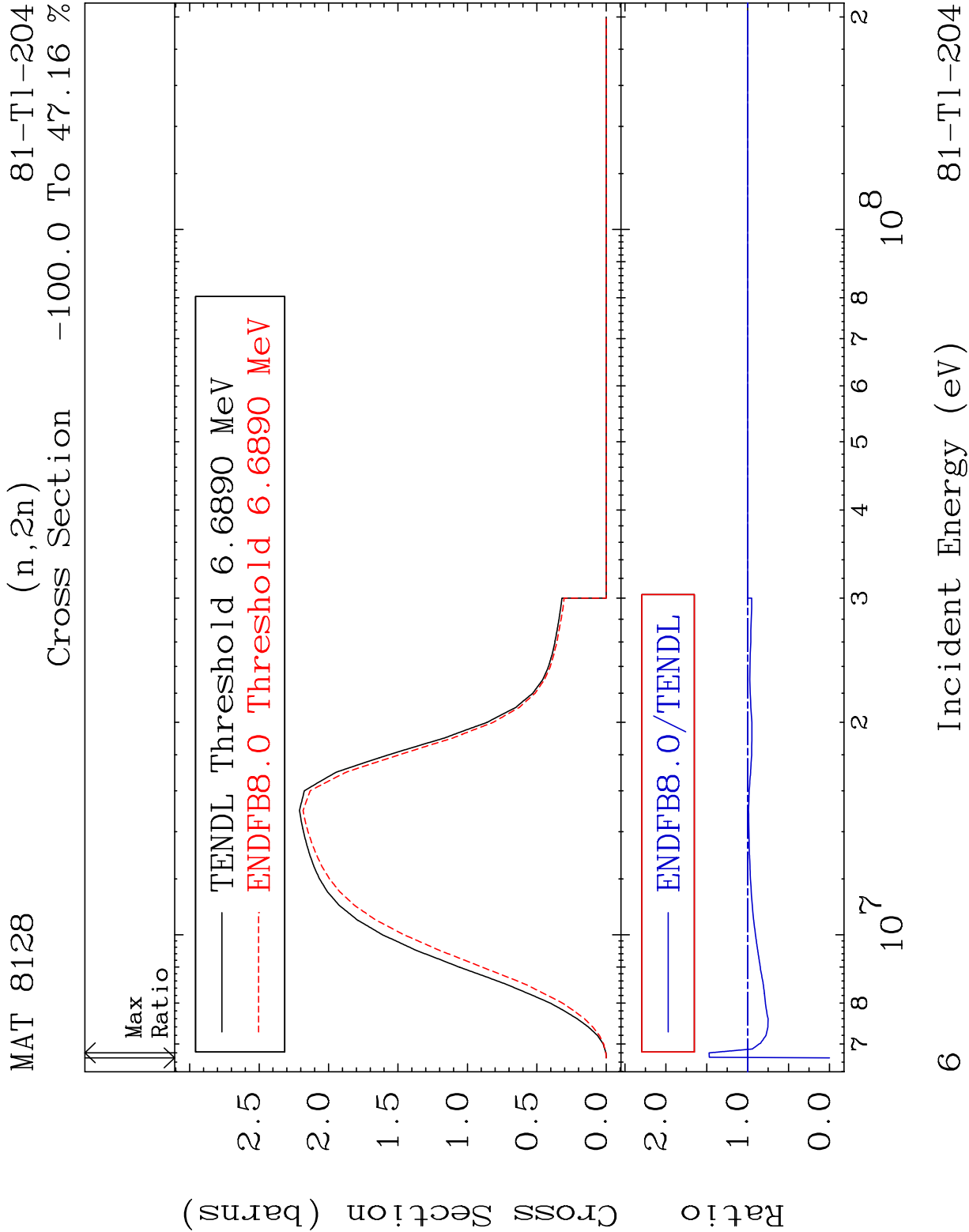


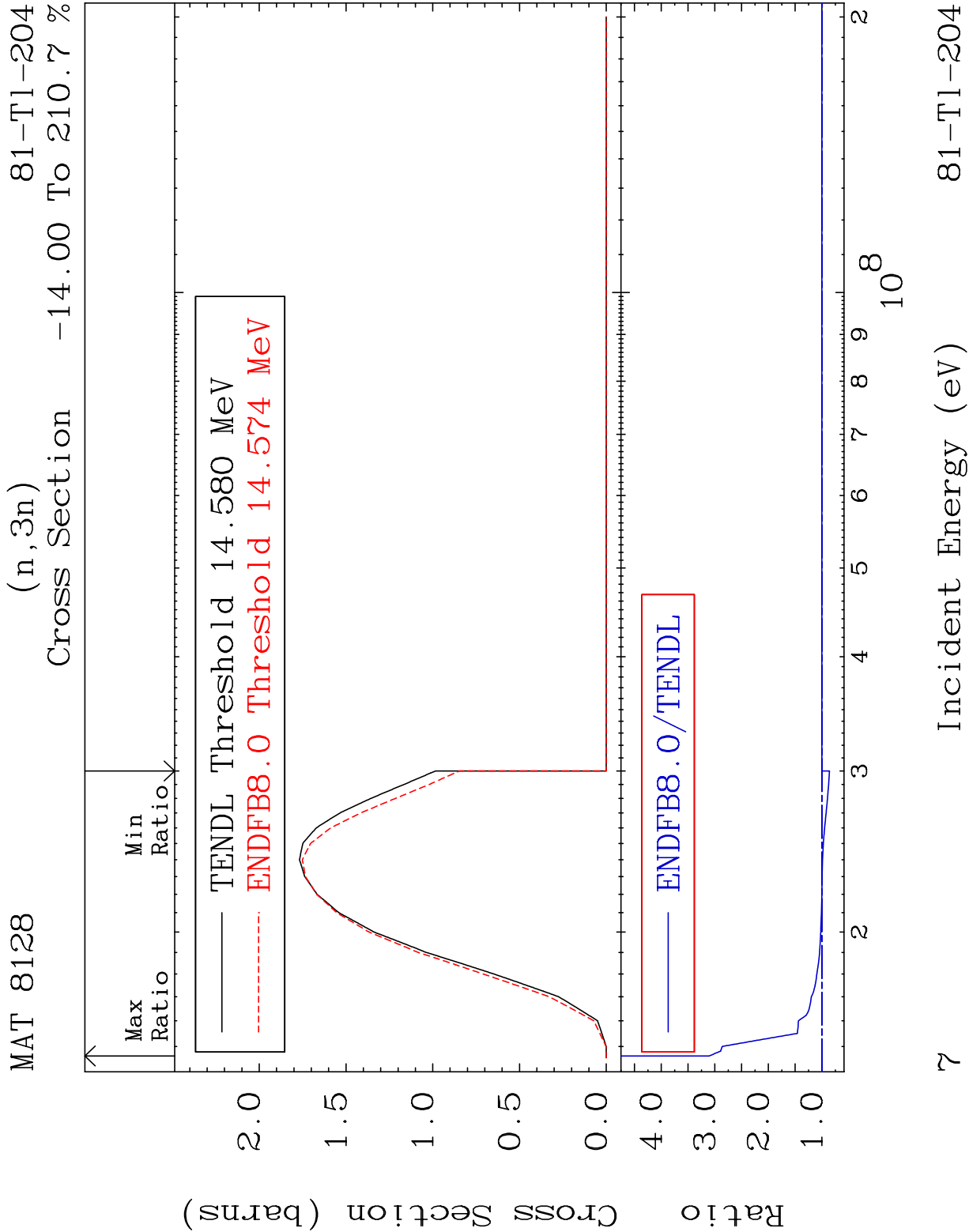


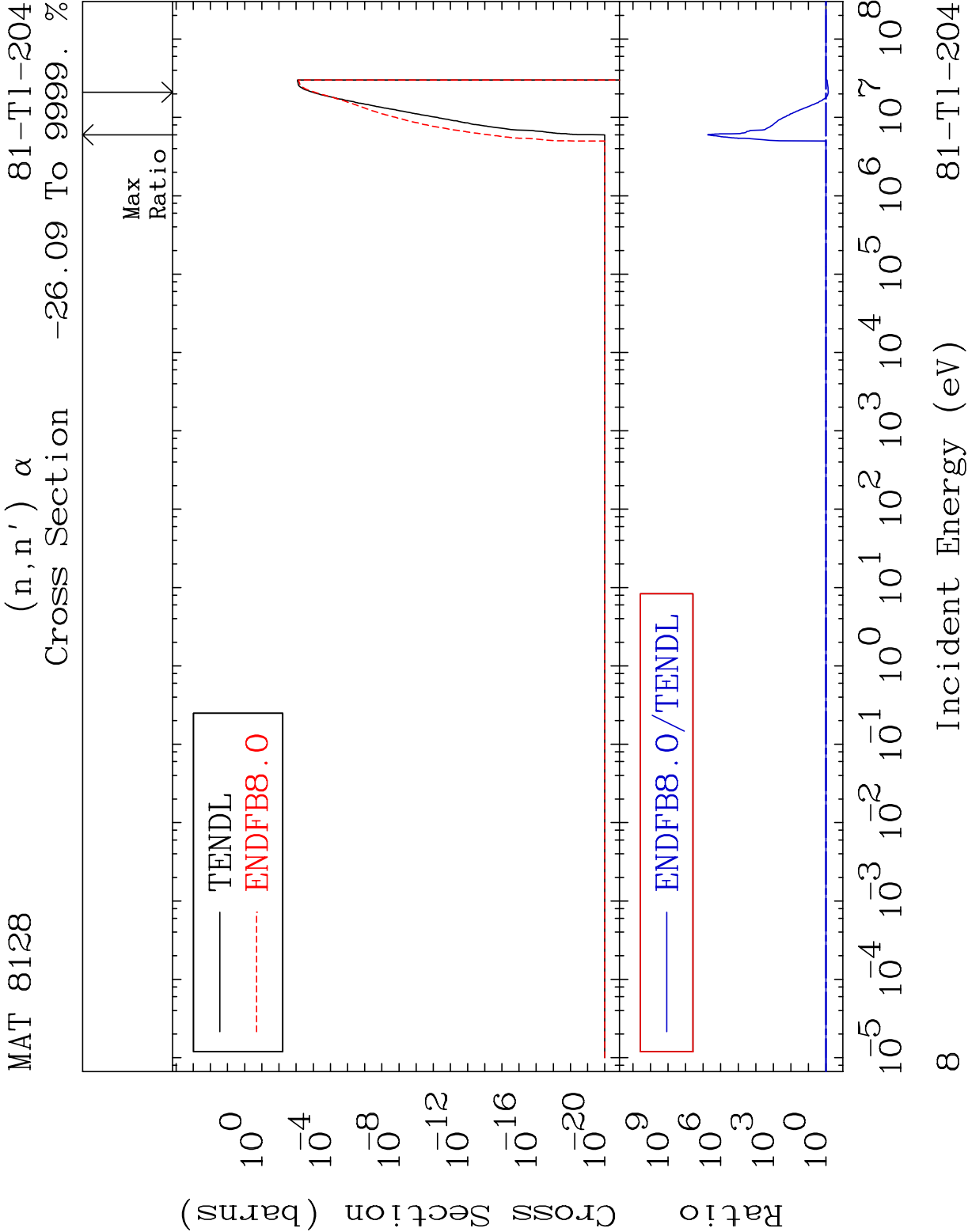
MAT 8128 (n,remainder) 81-Tl-204
Cross Section -0.075 To 0.000 %

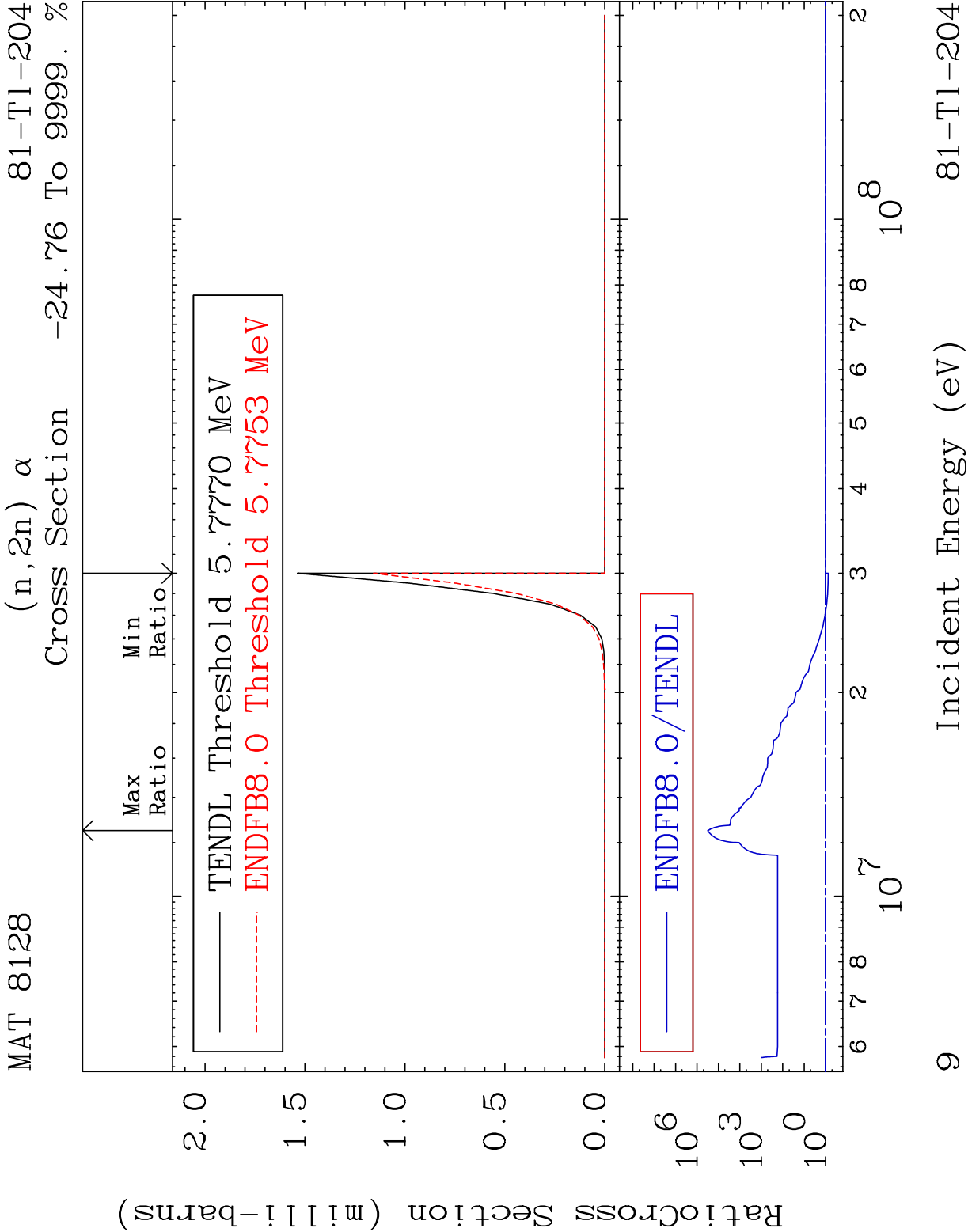


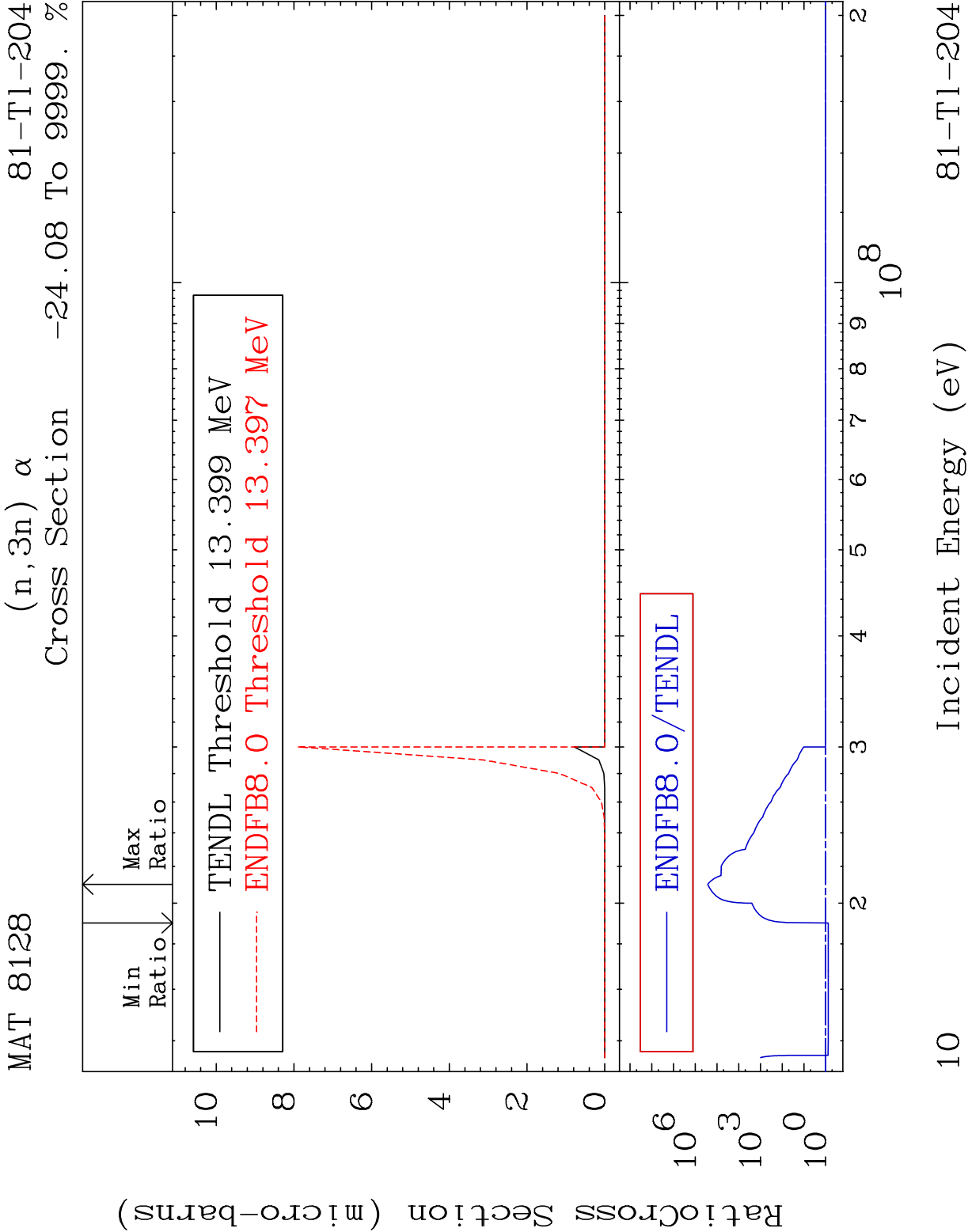


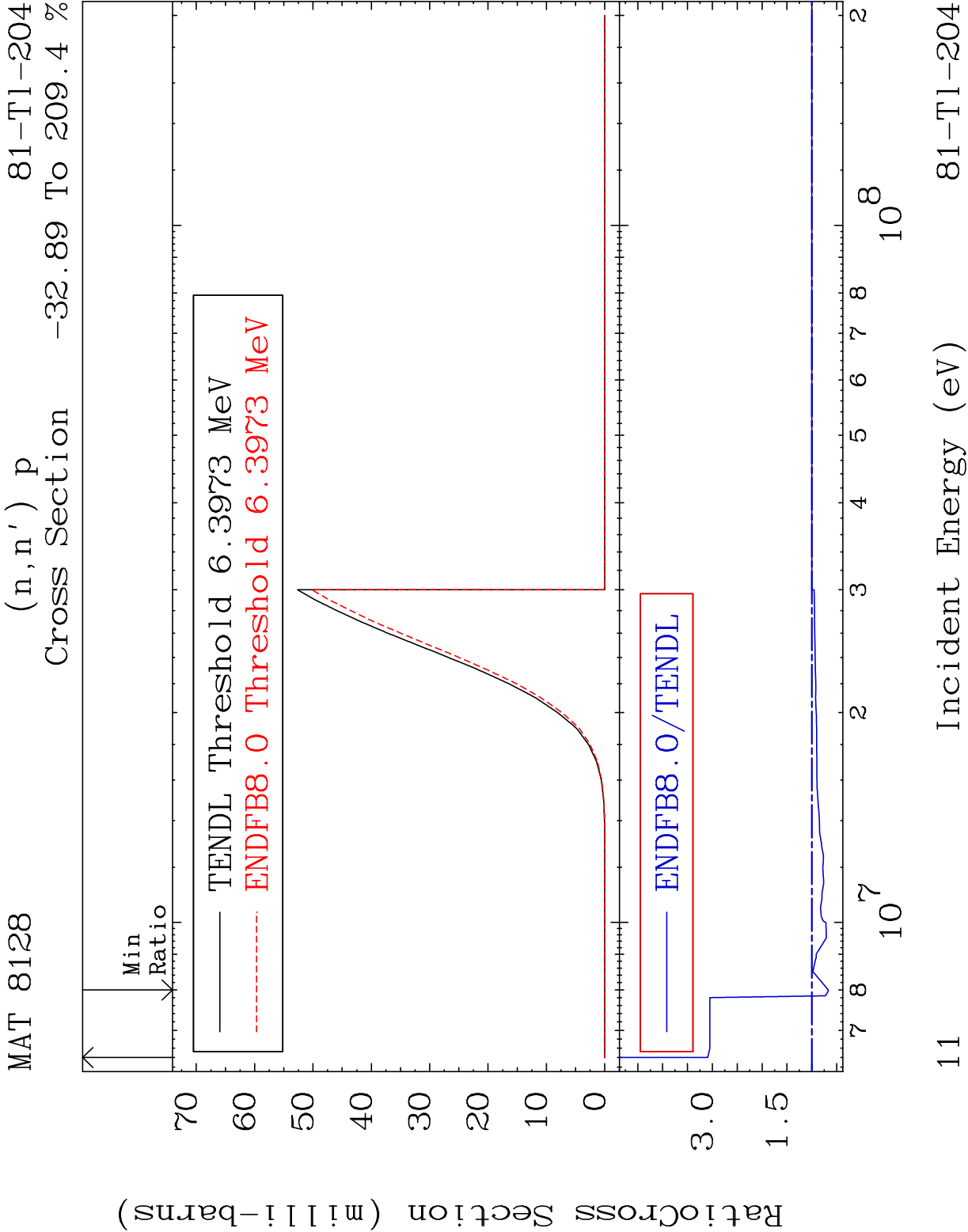




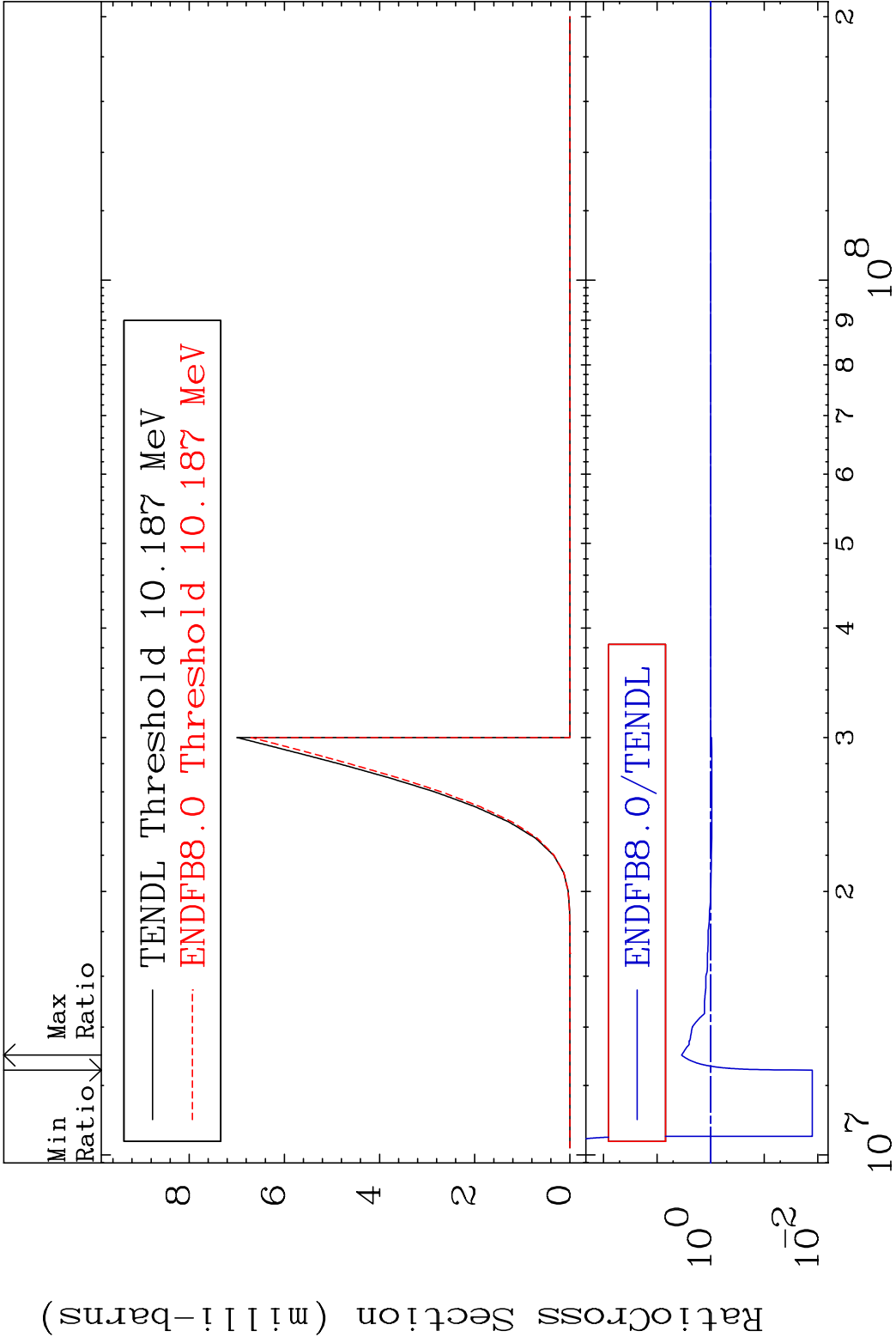




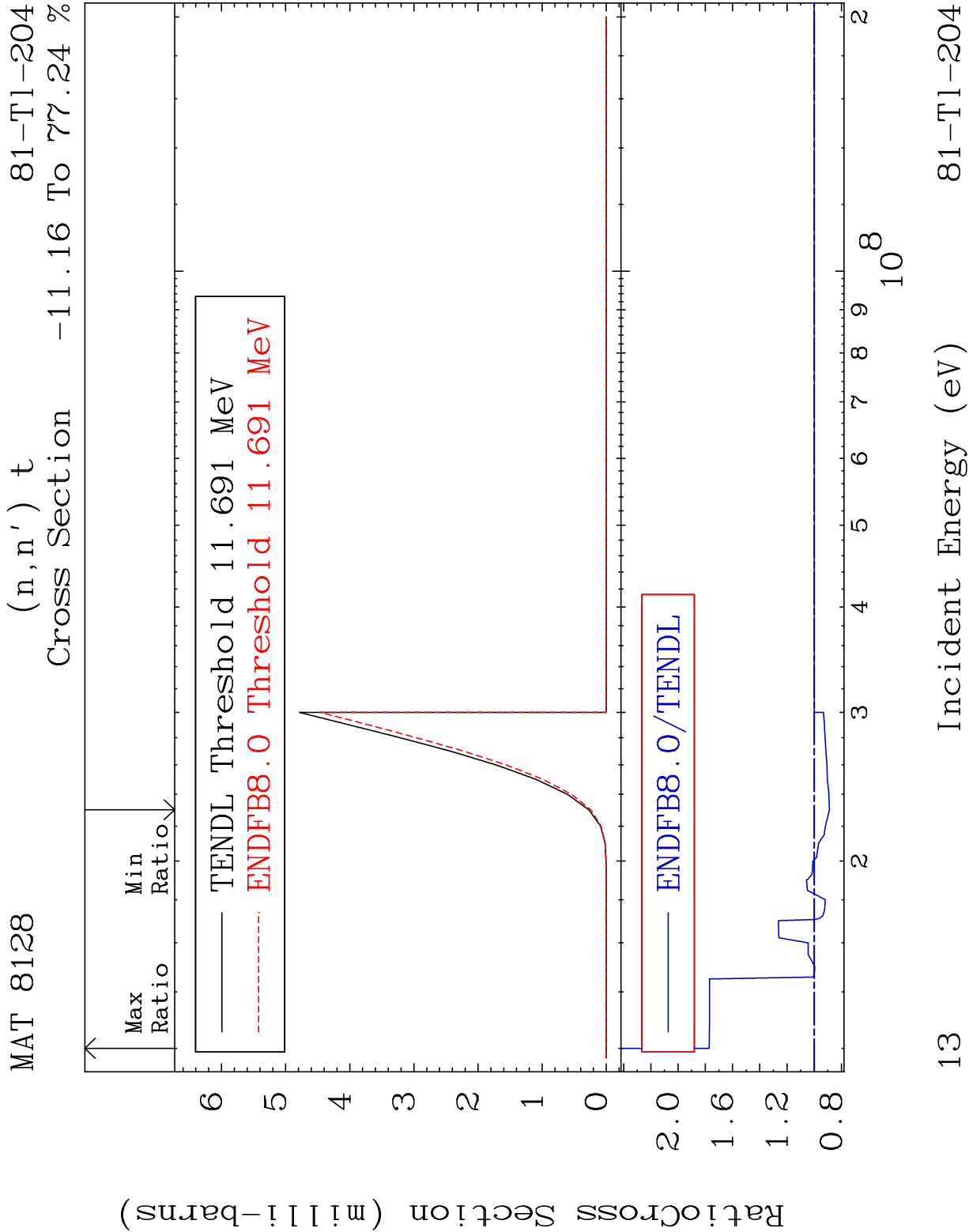


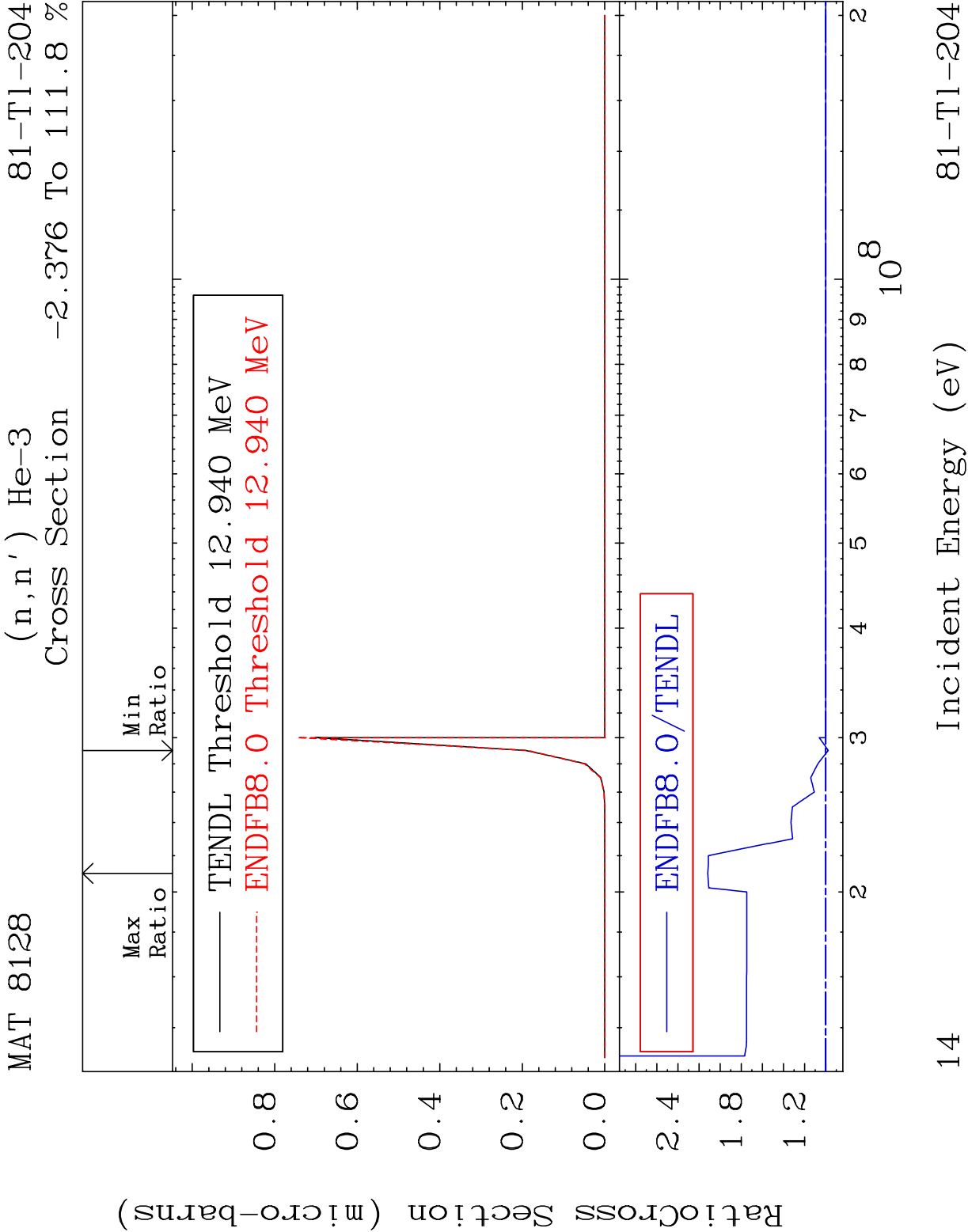


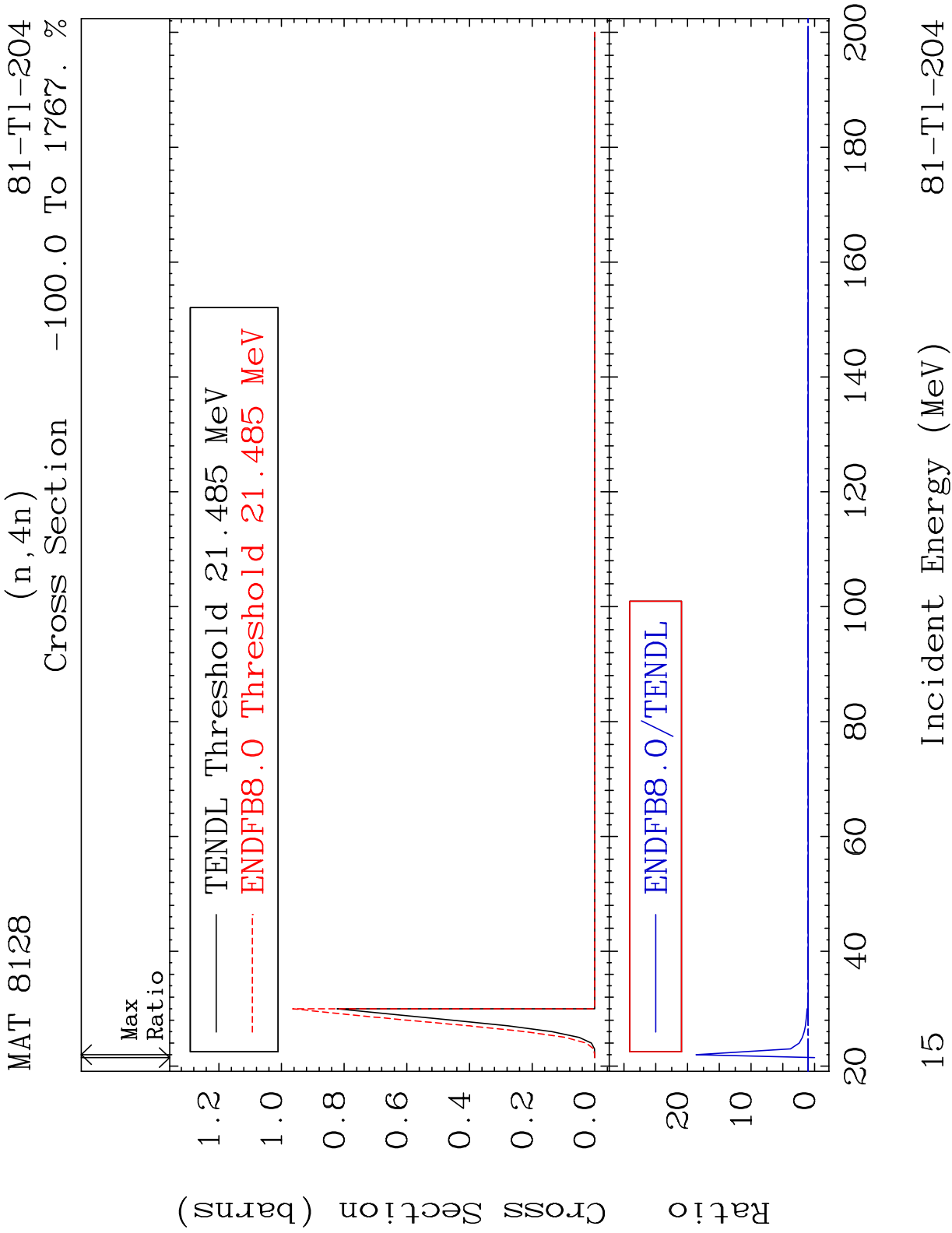
MAT 8128 (n,n') d 81-Tl-204
Cross Section -98.73 To 248.9 %

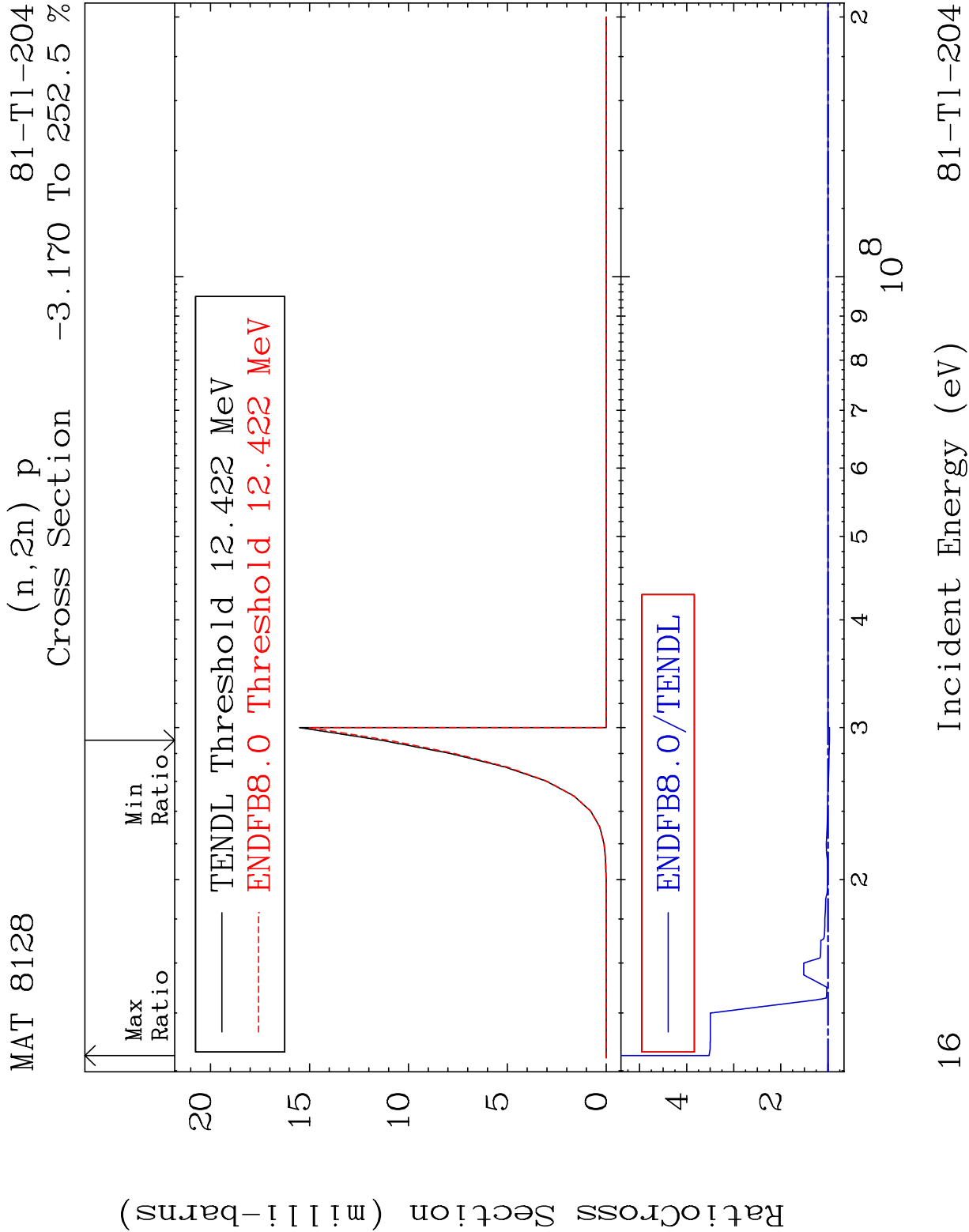


12 Incident Energy (eV) 81-Tl-204



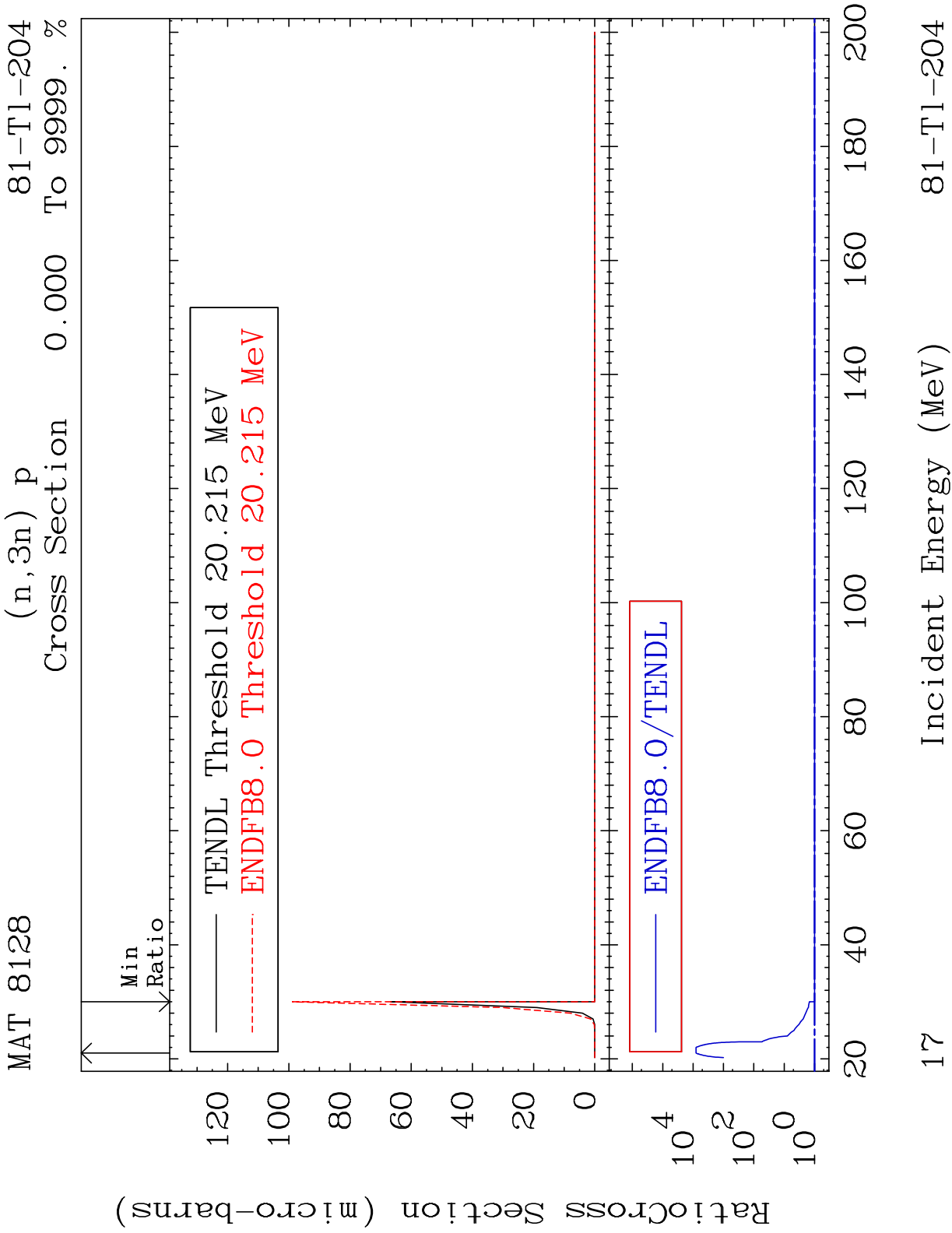


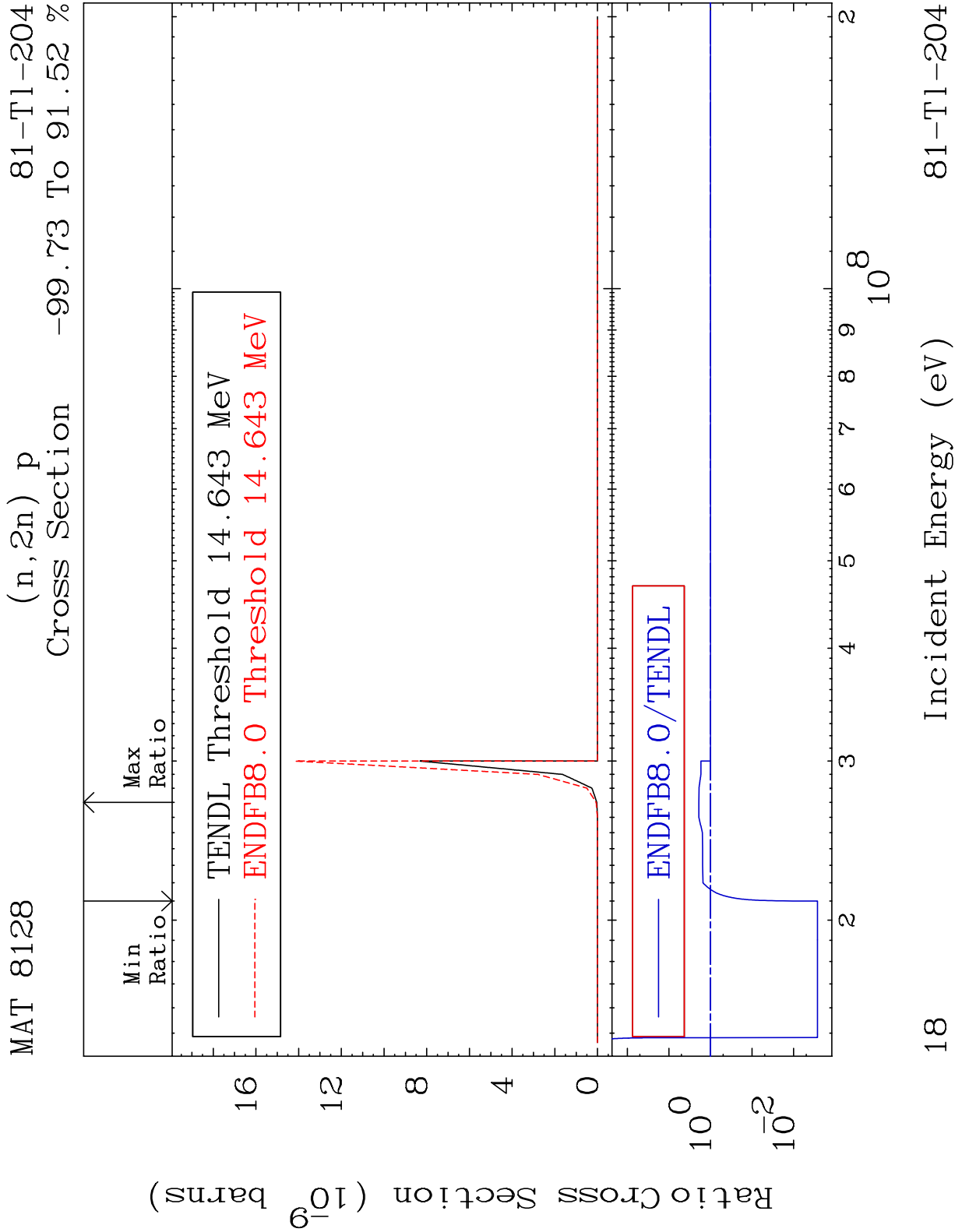




16

81-Tl-204





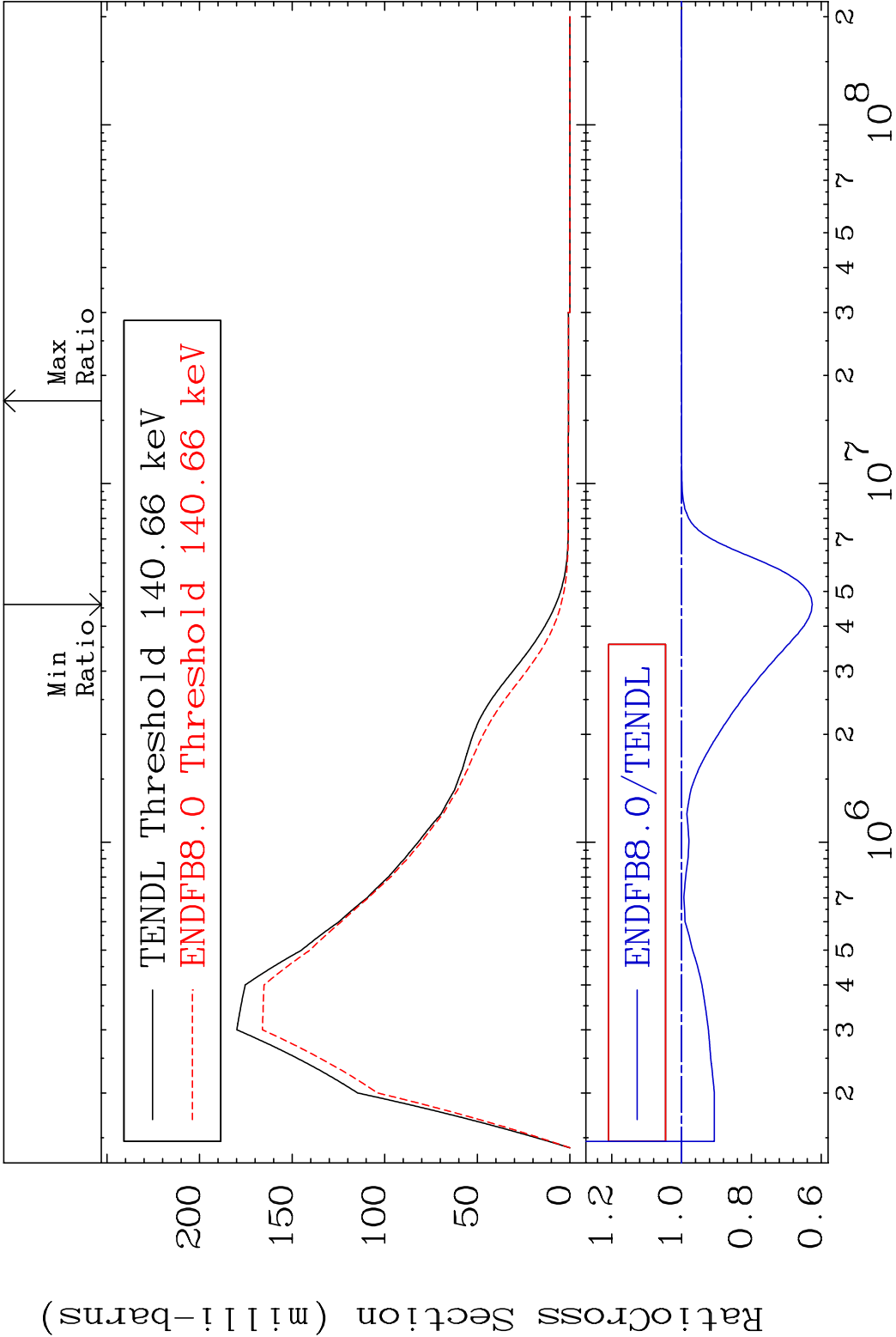
MAT 8128

MT= 51 (n,n') Level

81-Tl-204

Cross Section

-37.40 To 0.000 %



MAT 8128

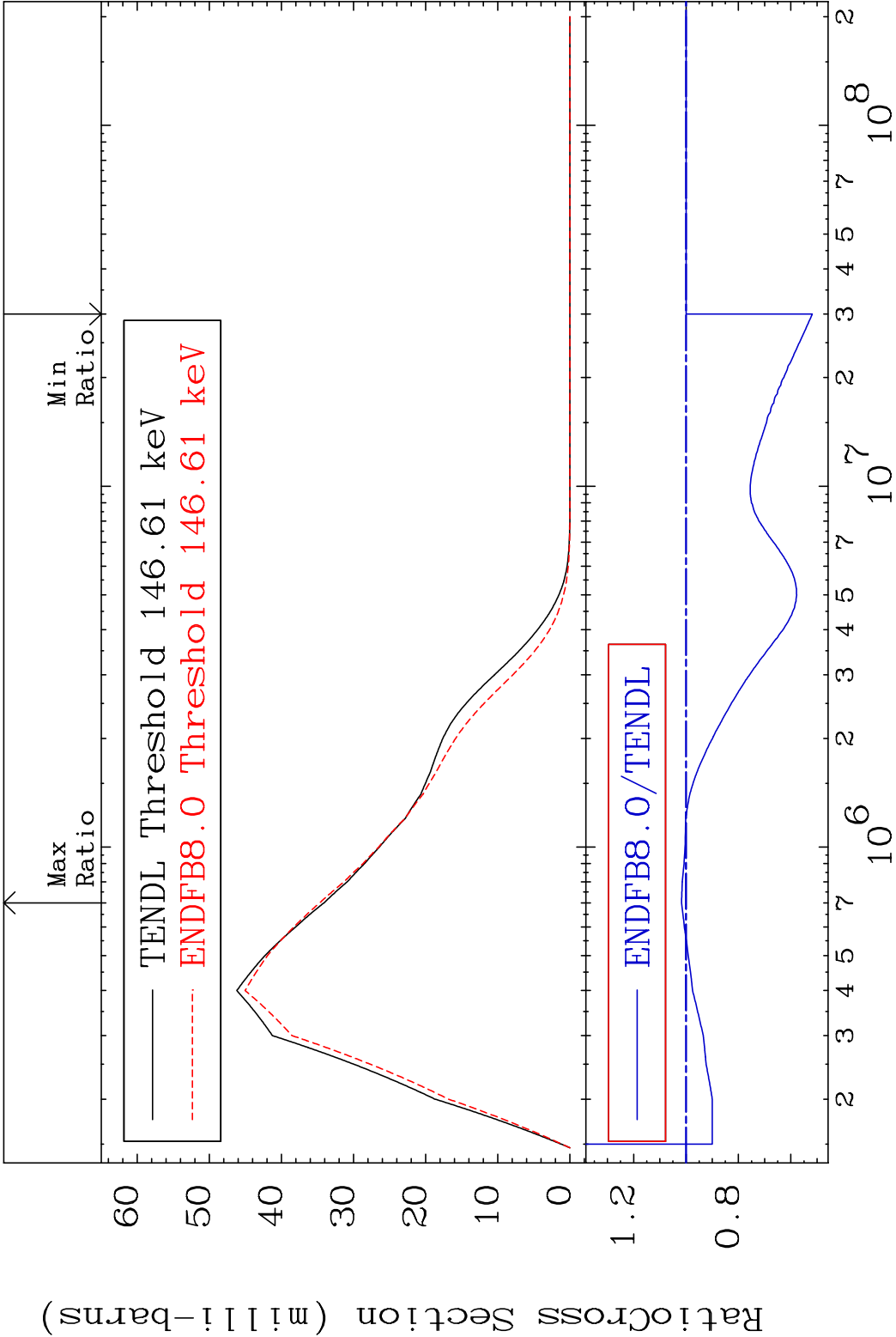
MT= 52 (n,n')

Level

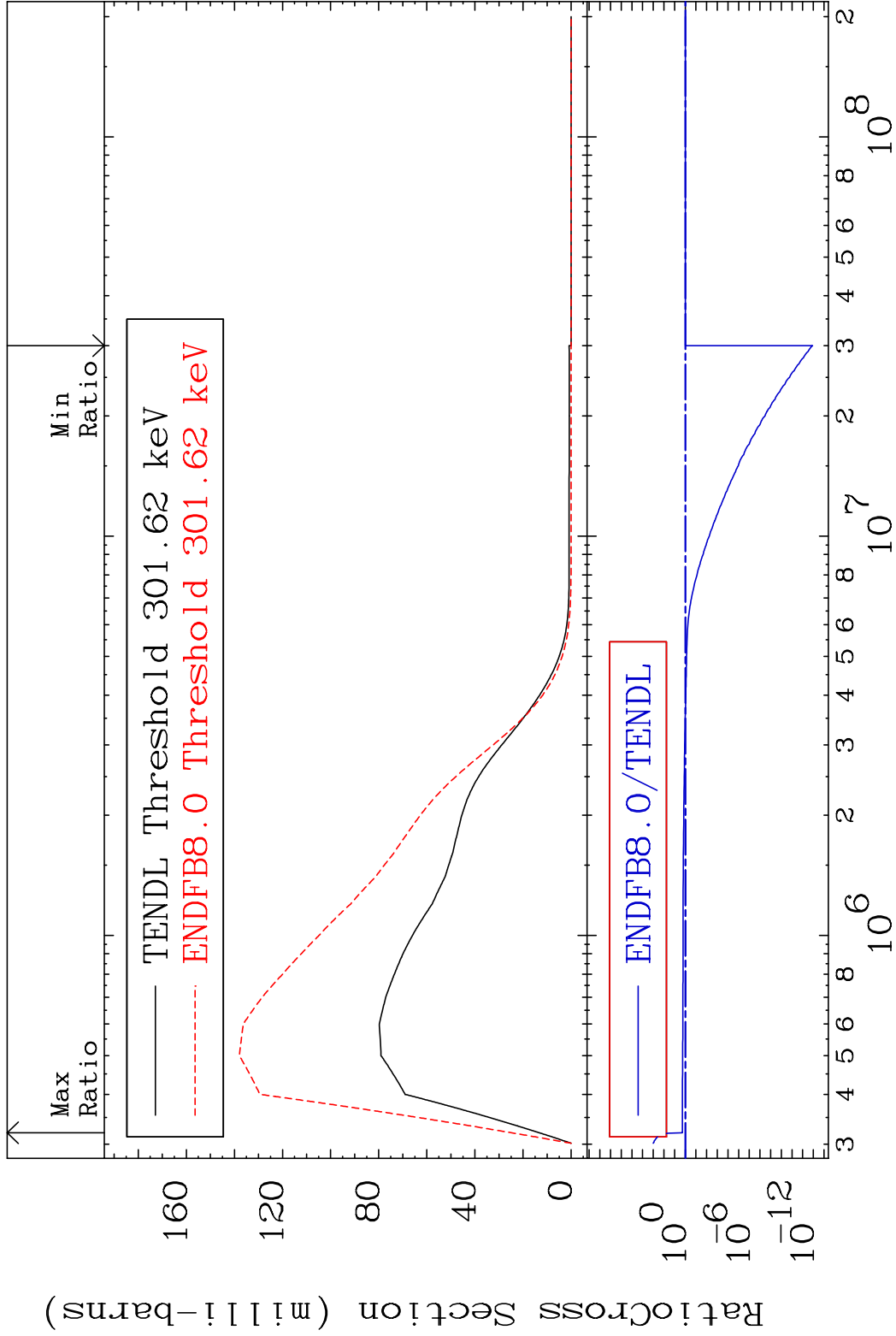
81-Tl-204

Cross Section

-48.17 To 1.722 %



MAT 8128 MT= 53 (n,n') Level 81-Tl-204
Cross Section -100.0 To 87.51 %



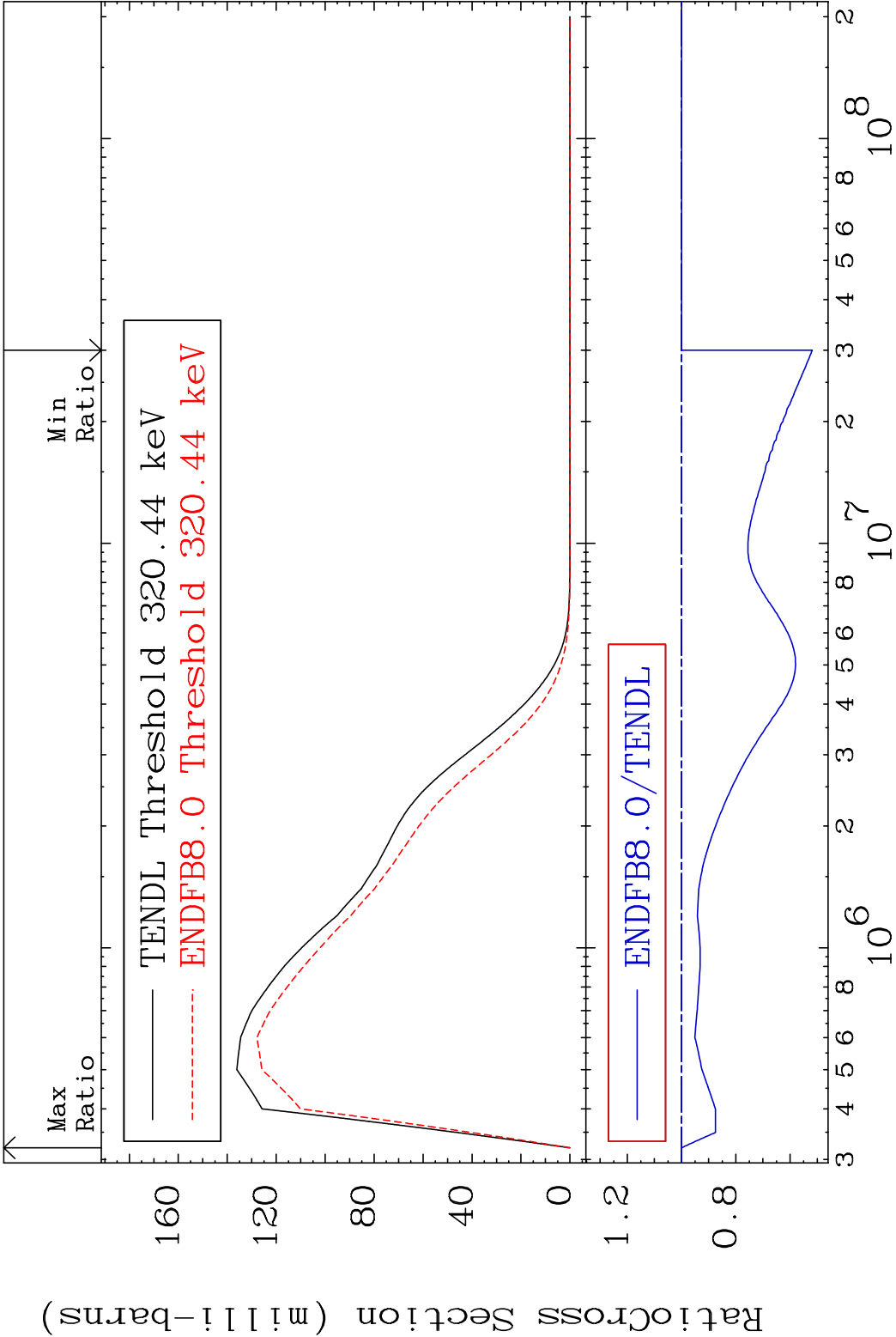
MAT 8128

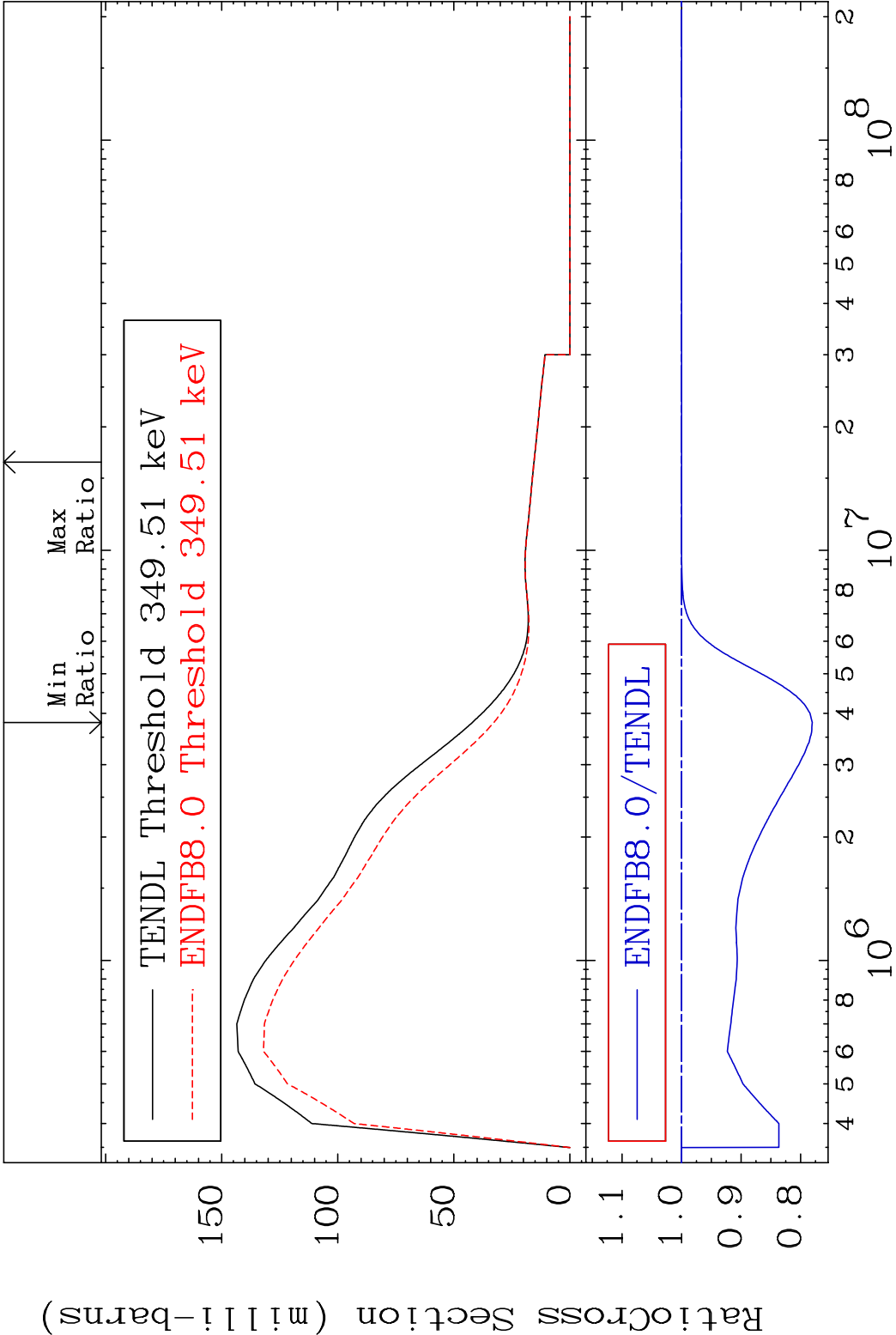
MT= 54 (n,n') Level

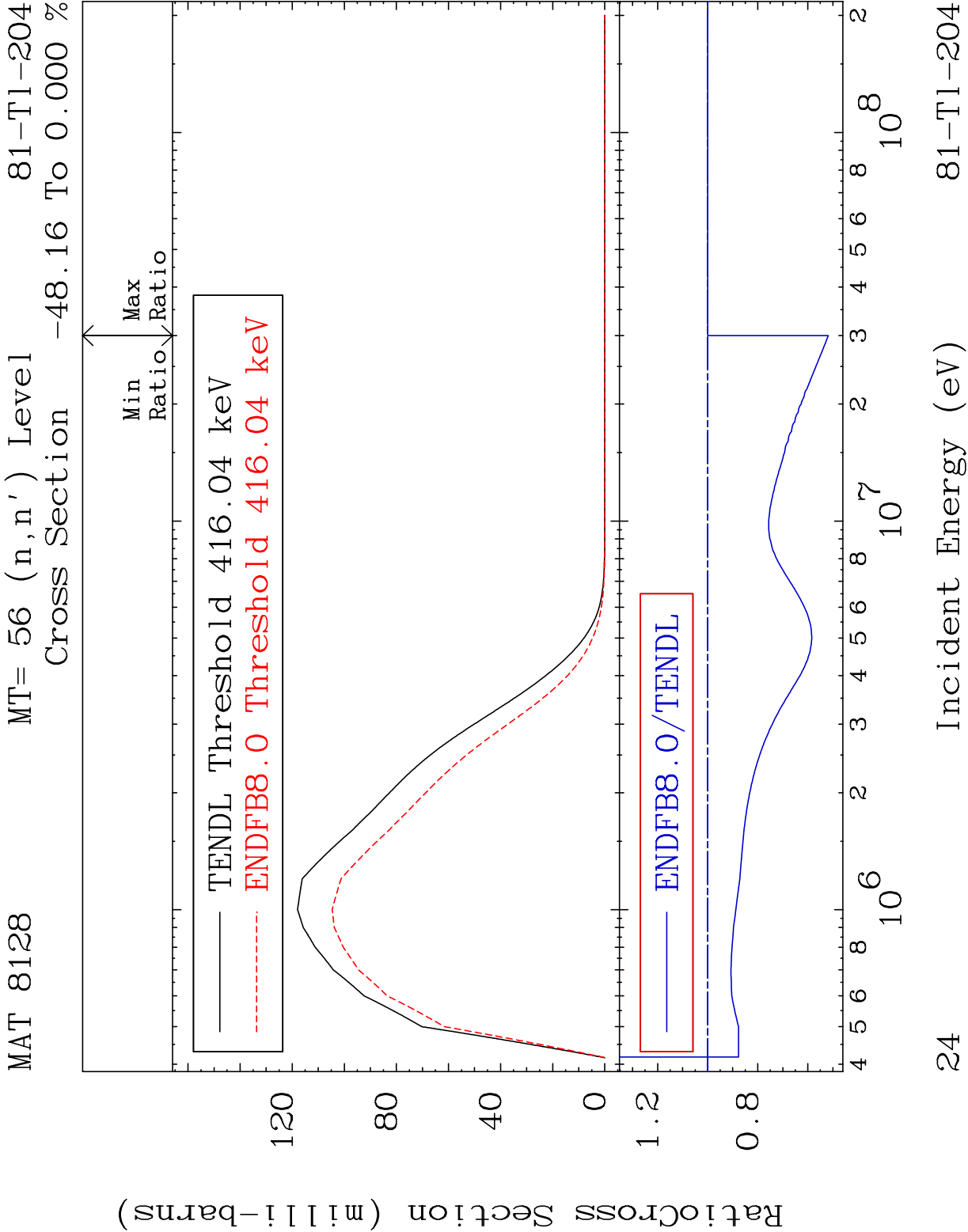
81-Tl-204

Cross Section

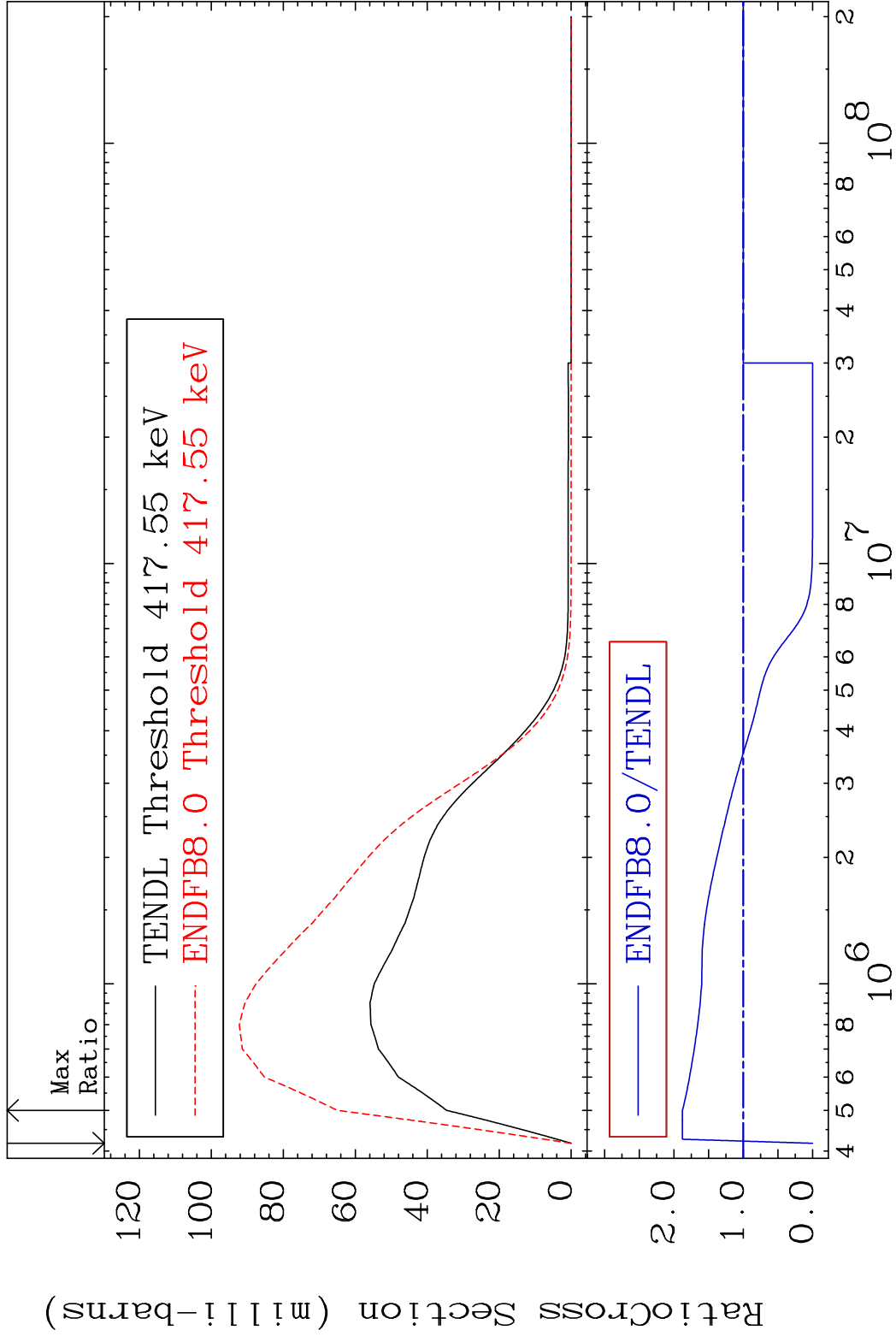
-48.17 To 0.000 %

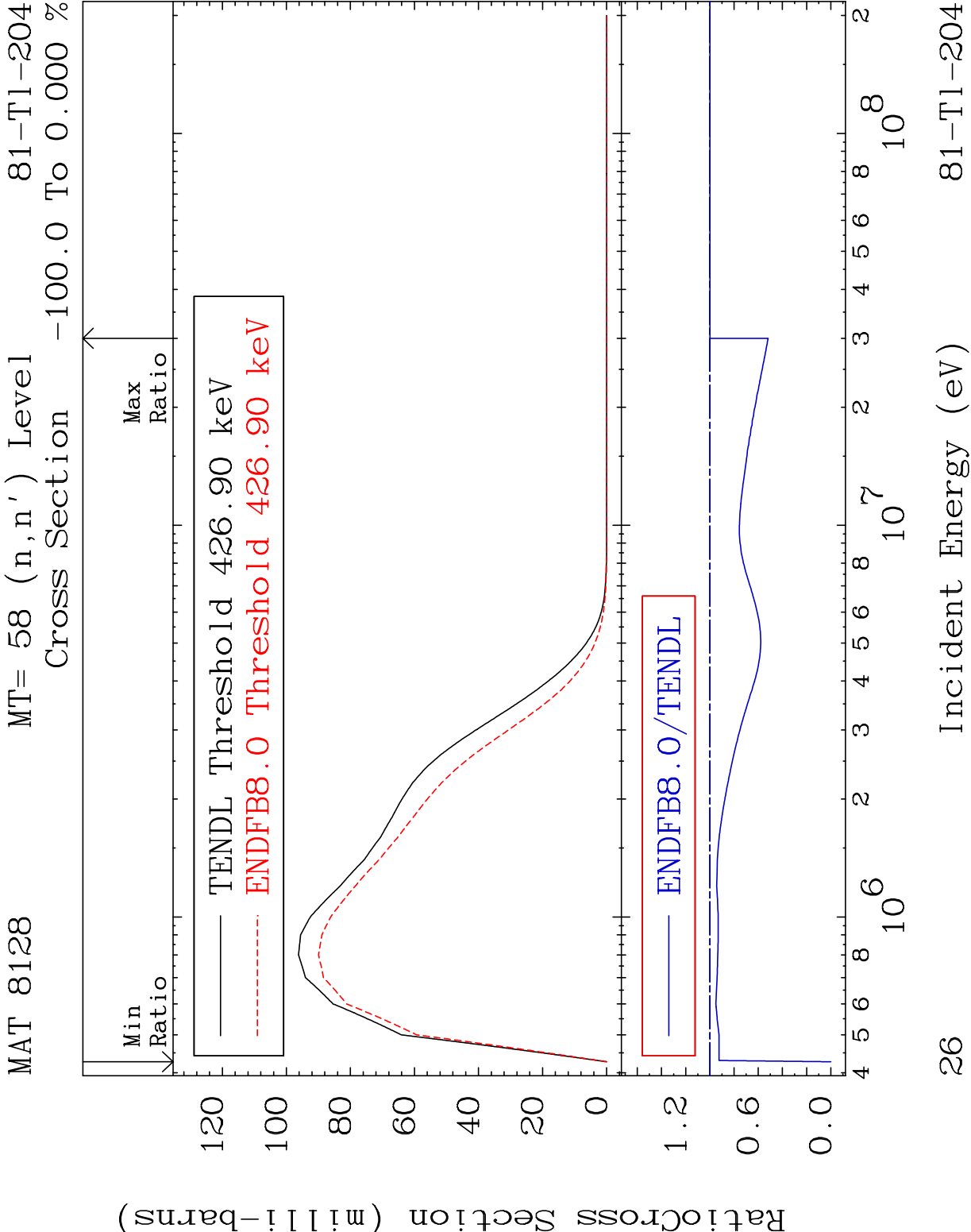


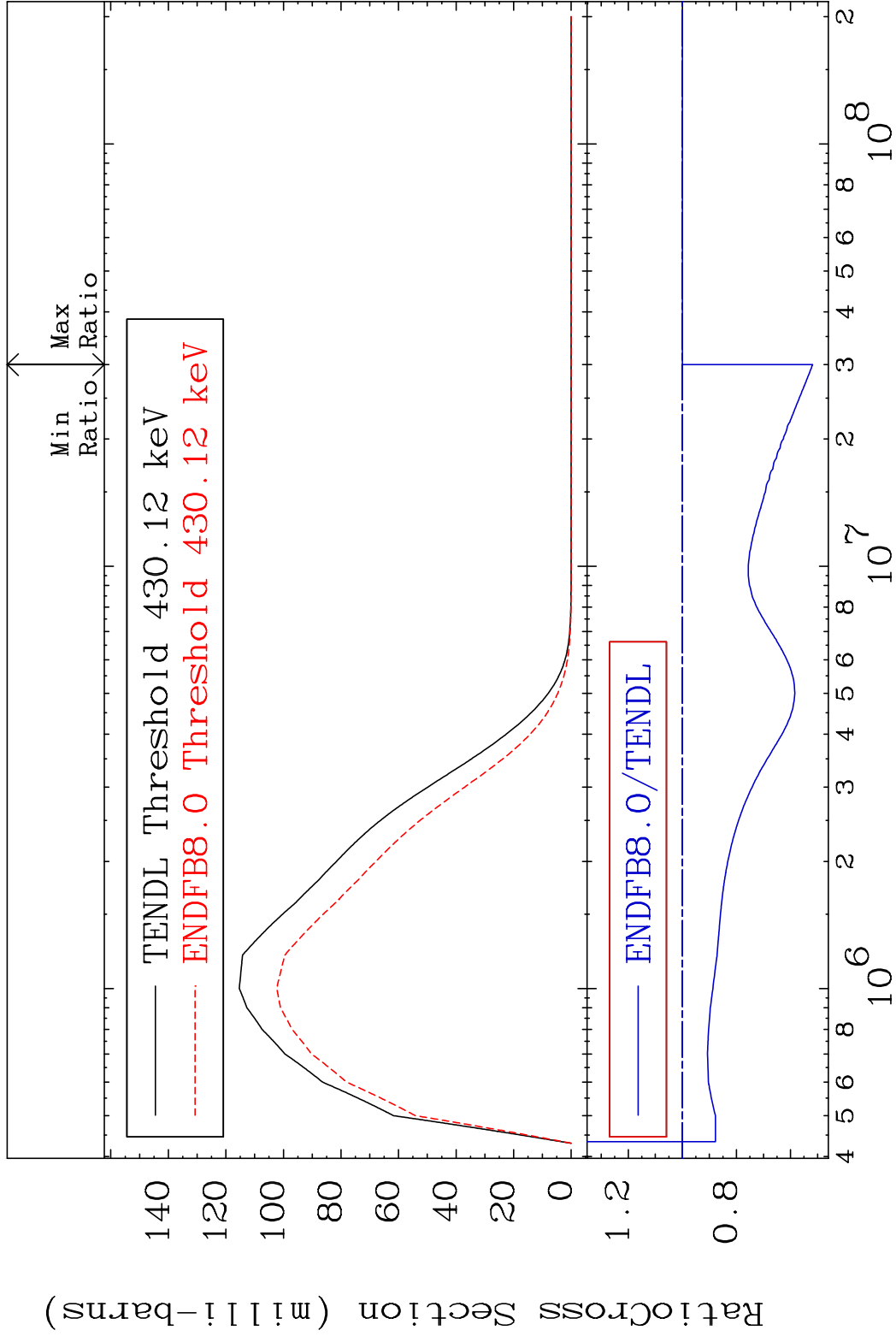


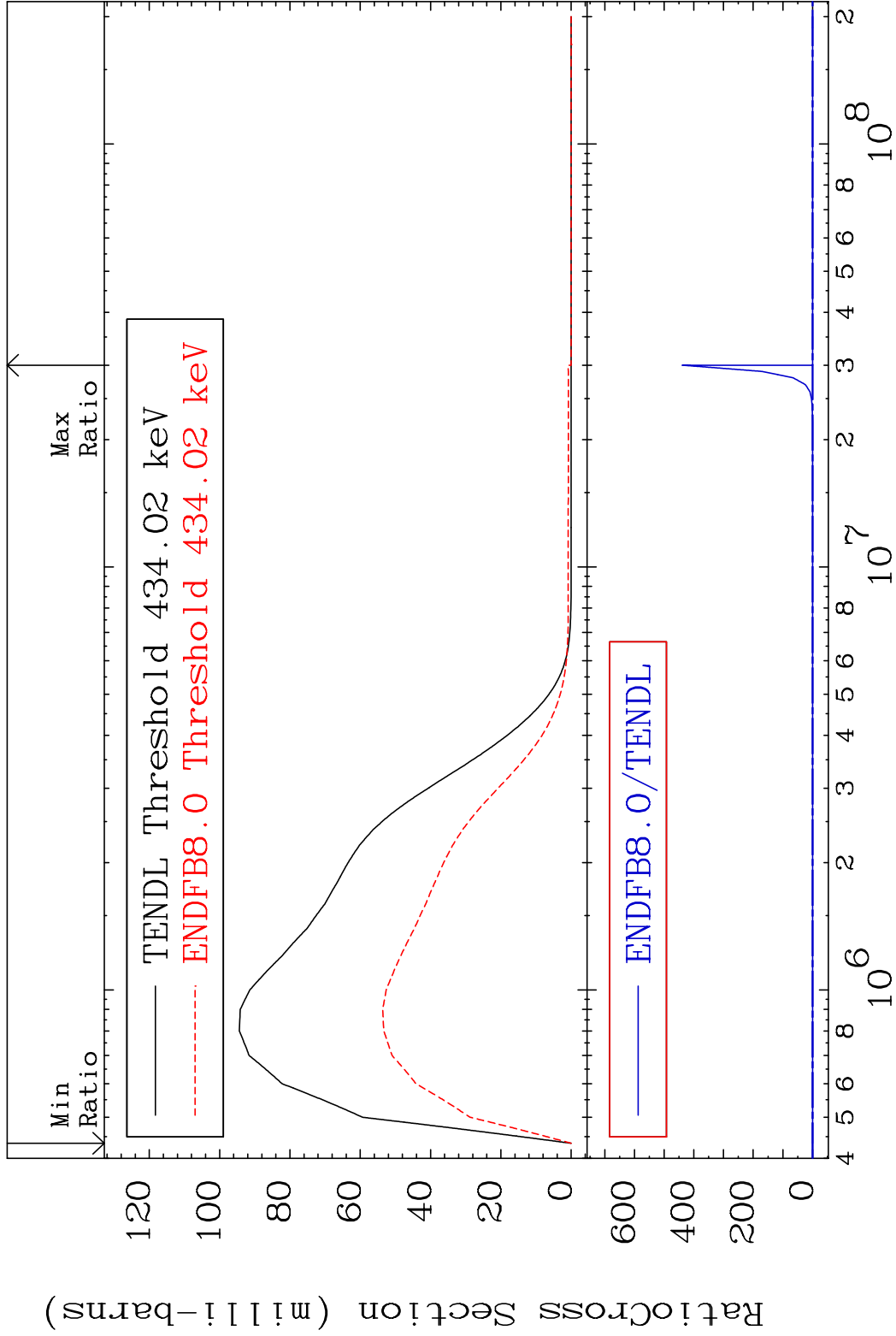


MAT 8128 MT= 57 (n,n') Level 81-Tl-204
Cross Section -100.0 To 87.93 %

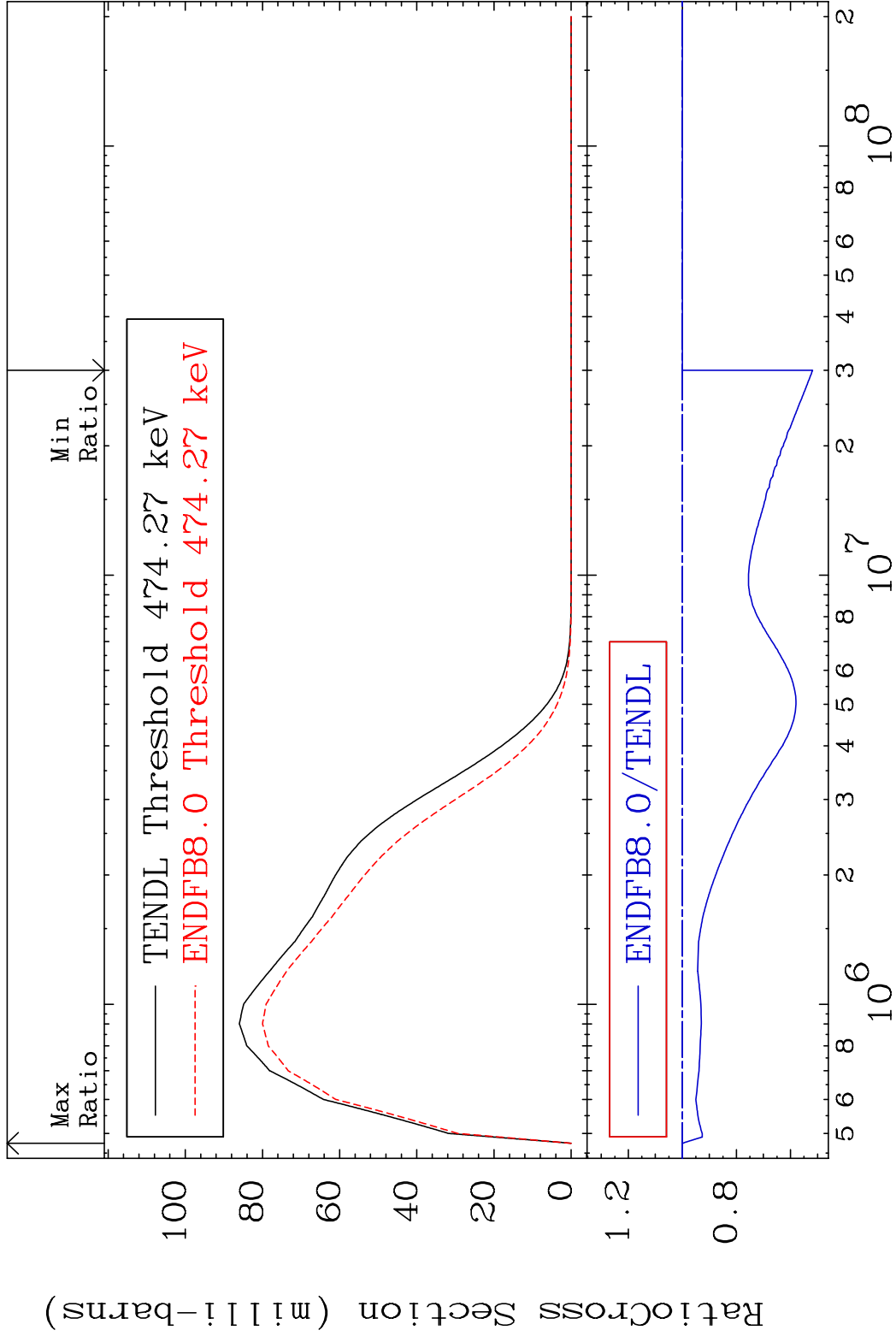


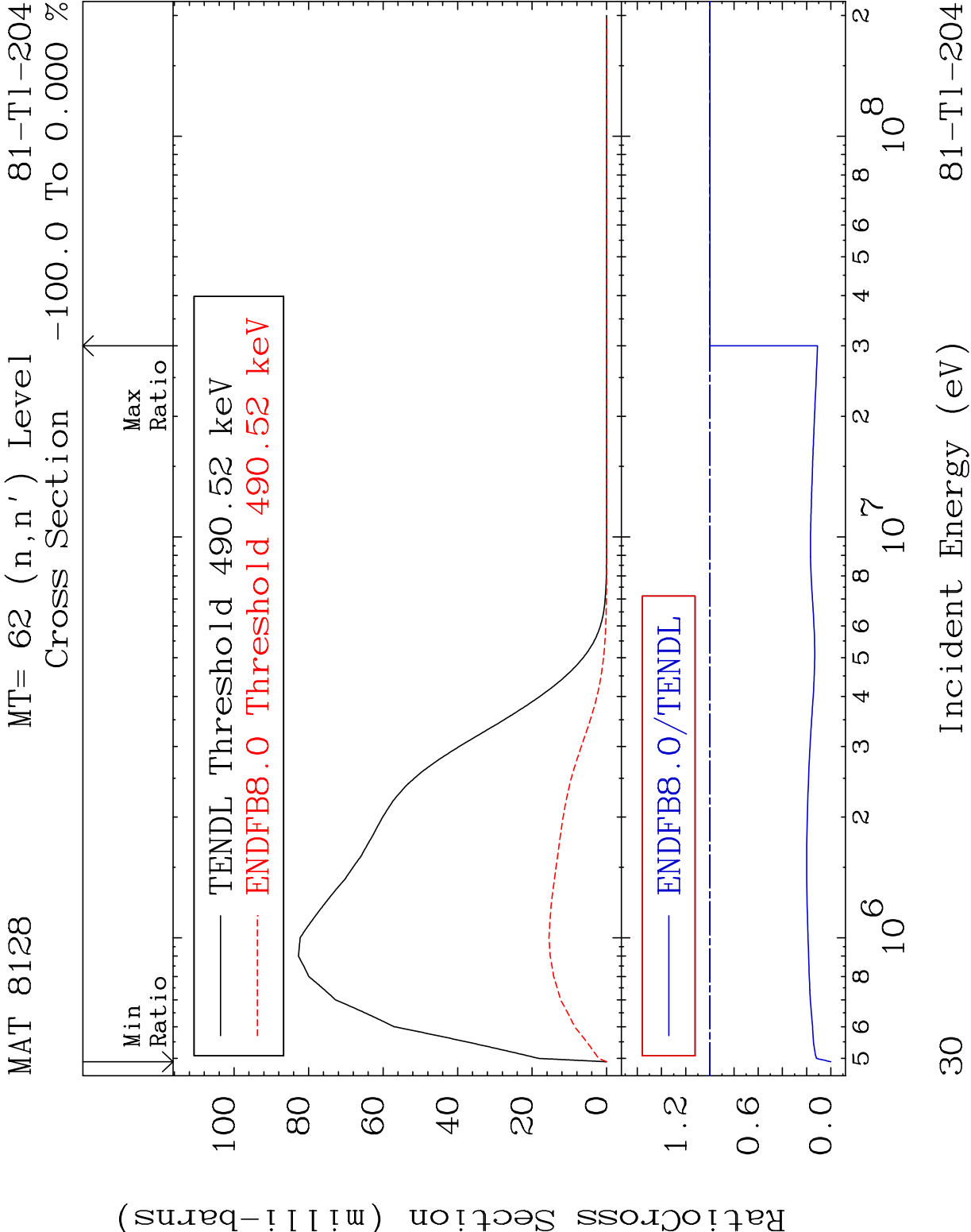




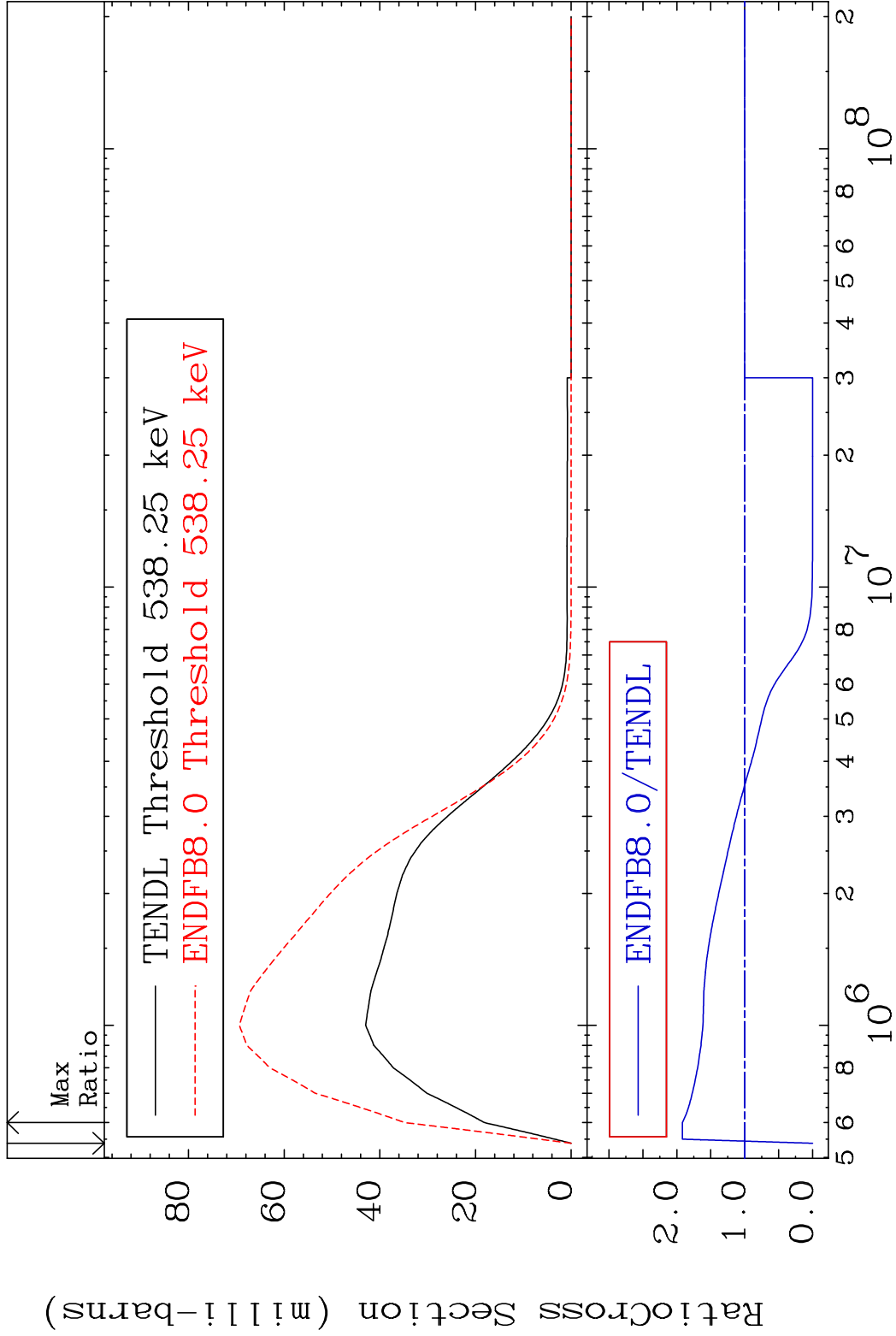


MAT 8128 MT= 61 (n,n') Level 81-Tl-204
Cross Section -48.17 To 0.000 %

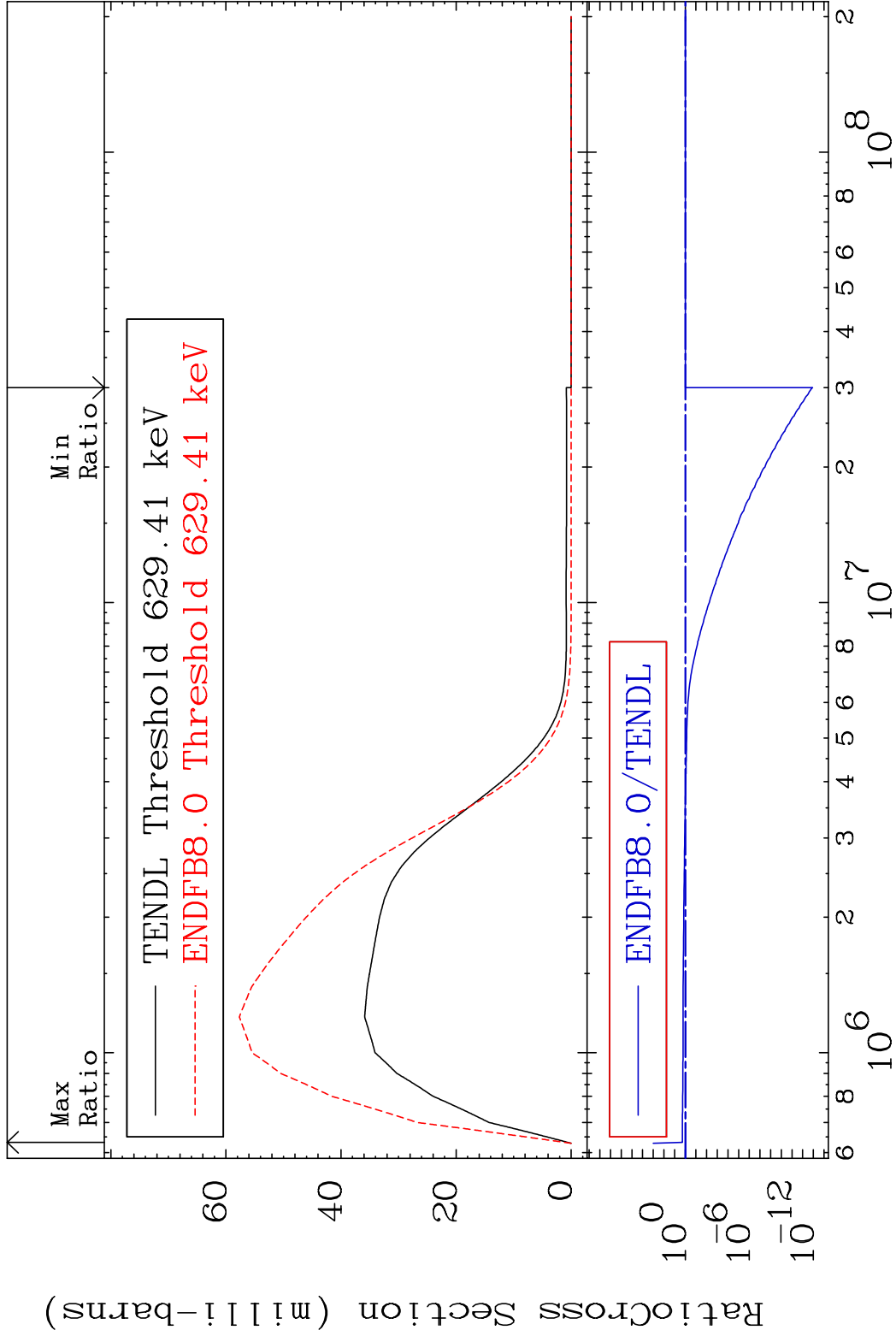




MAT 8128 MT= 63 (n,n') Level 81-Tl-204
Cross Section -100.0 To 91.84 %

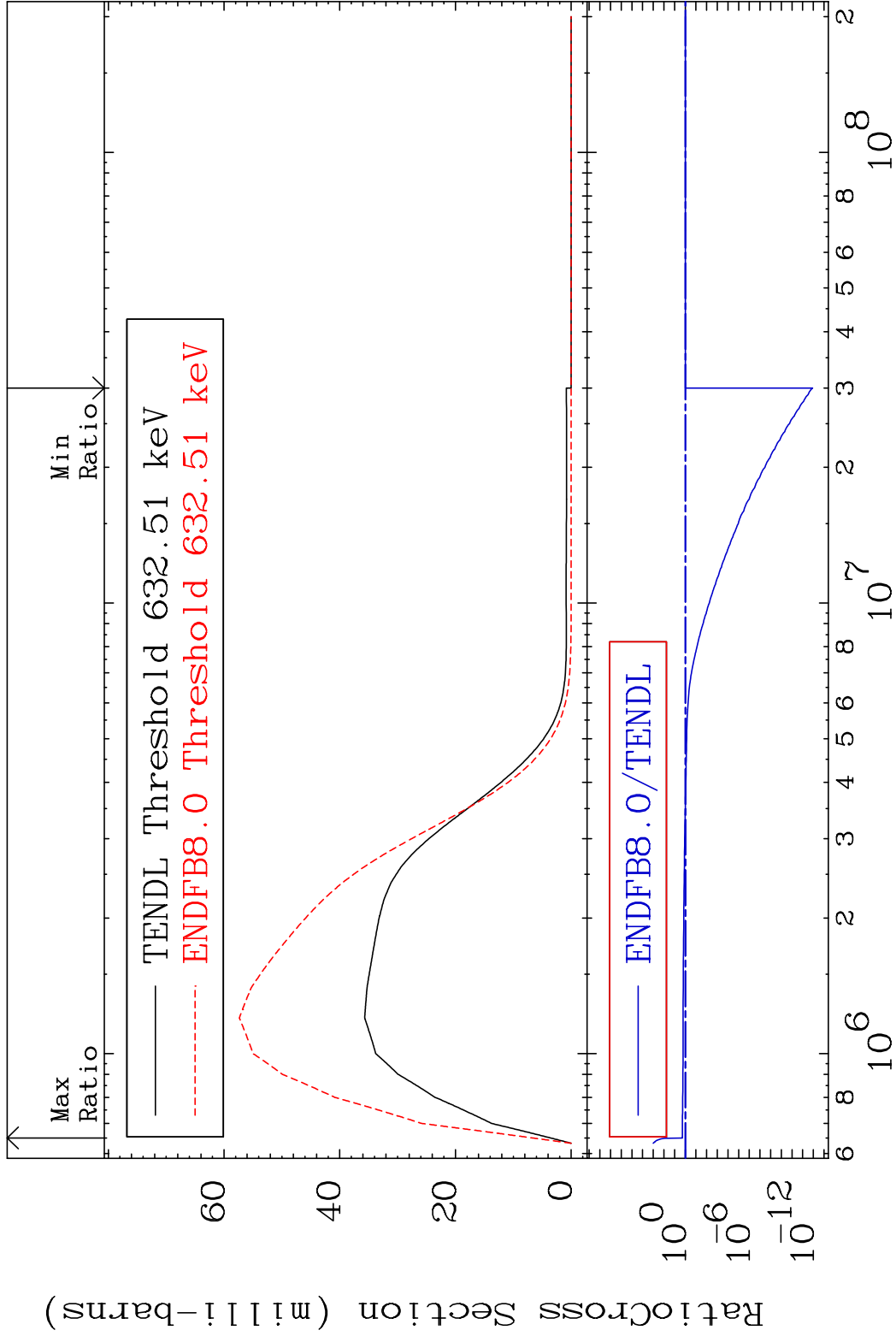


MAT 8128 MT= 64 (n,n') Level 81-Tl-204
Cross Section -100.0 To 87.35 %

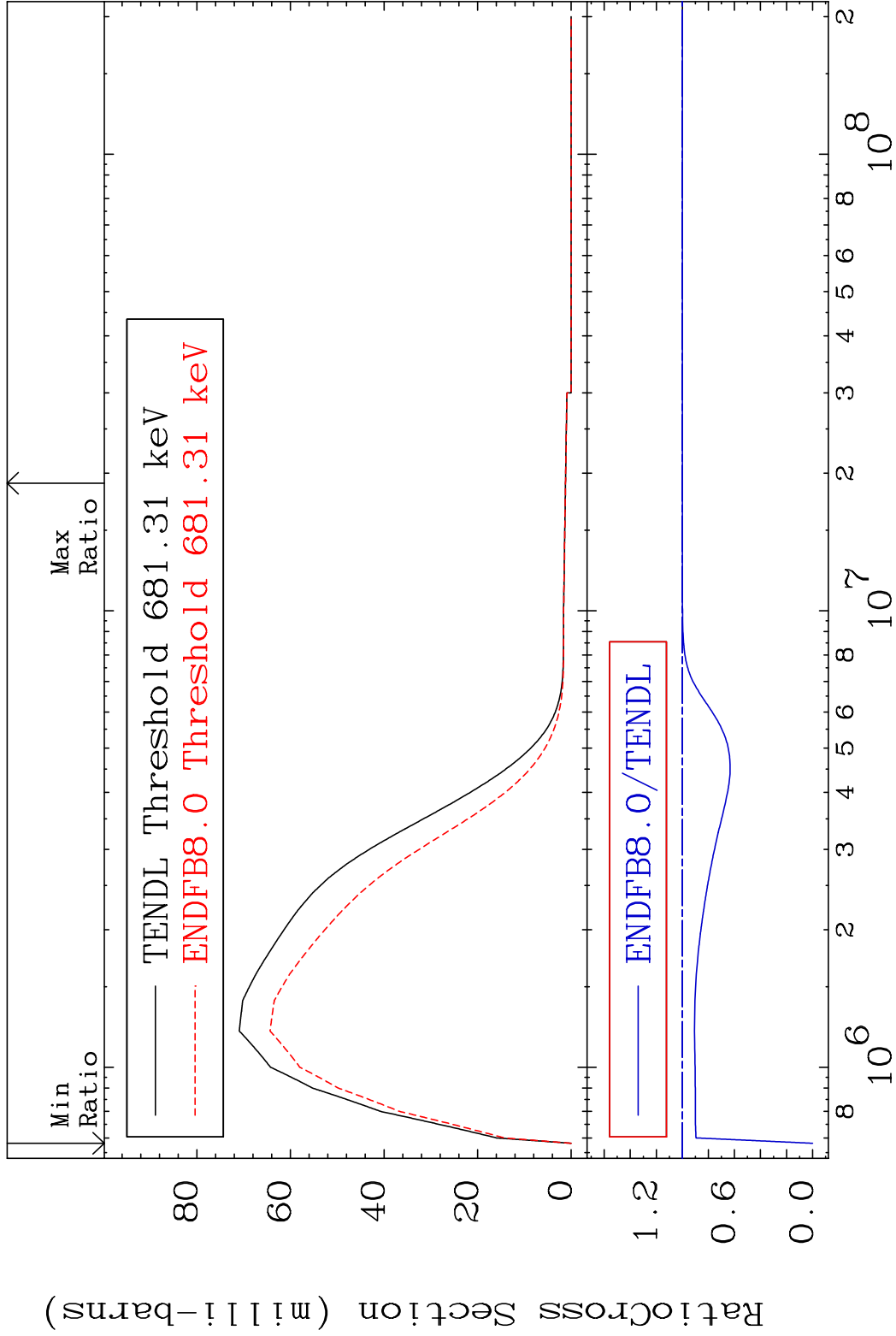


32 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 65 (n,n') Level 81-Tl-204
Cross Section -100.0 To 87.73 %



MAT 8128 MT= 66 (n,n') Level 81-Tl-204
Cross Section -100.0 To 0.000 %



MAT 8128

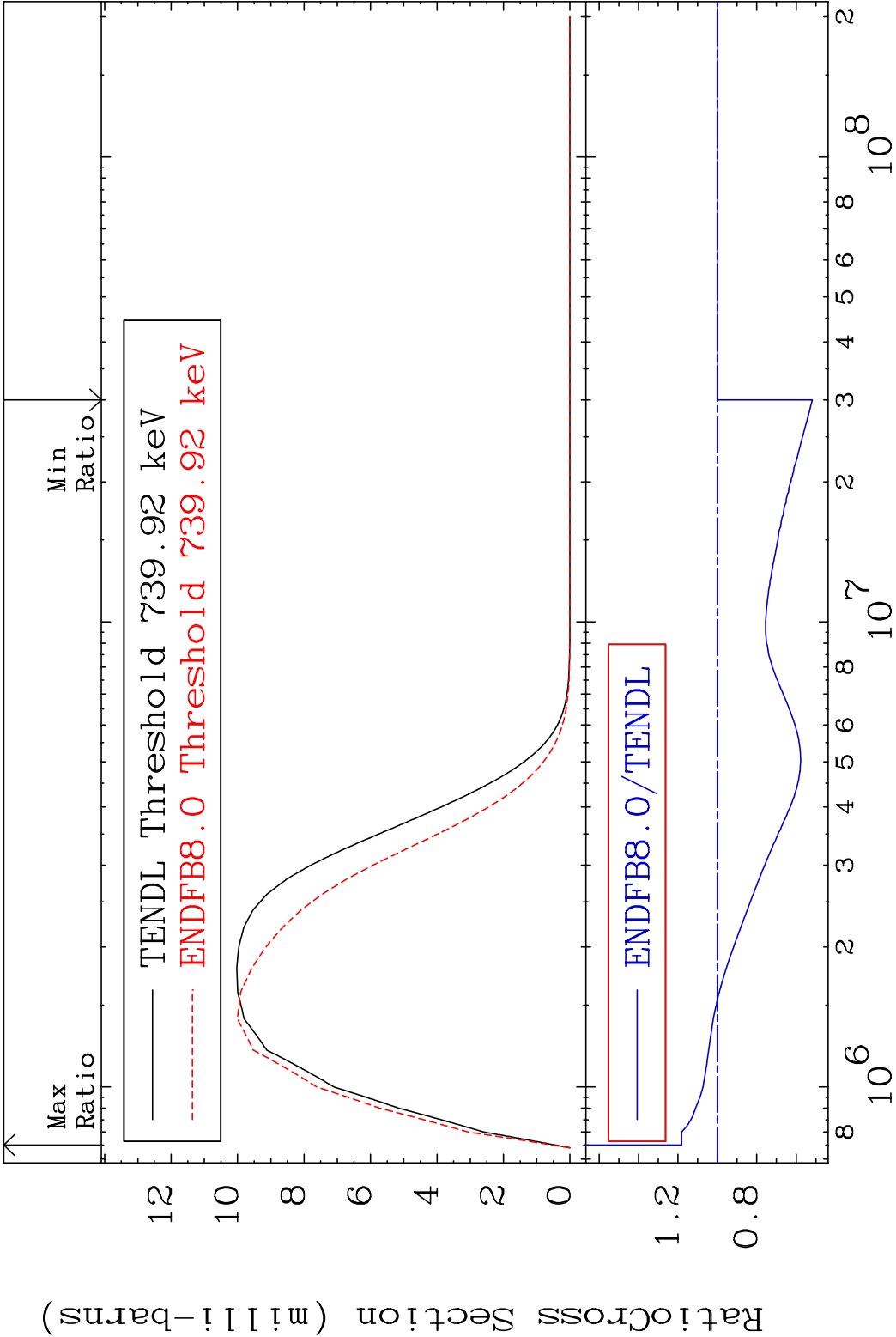
MT= 67 (n,n')

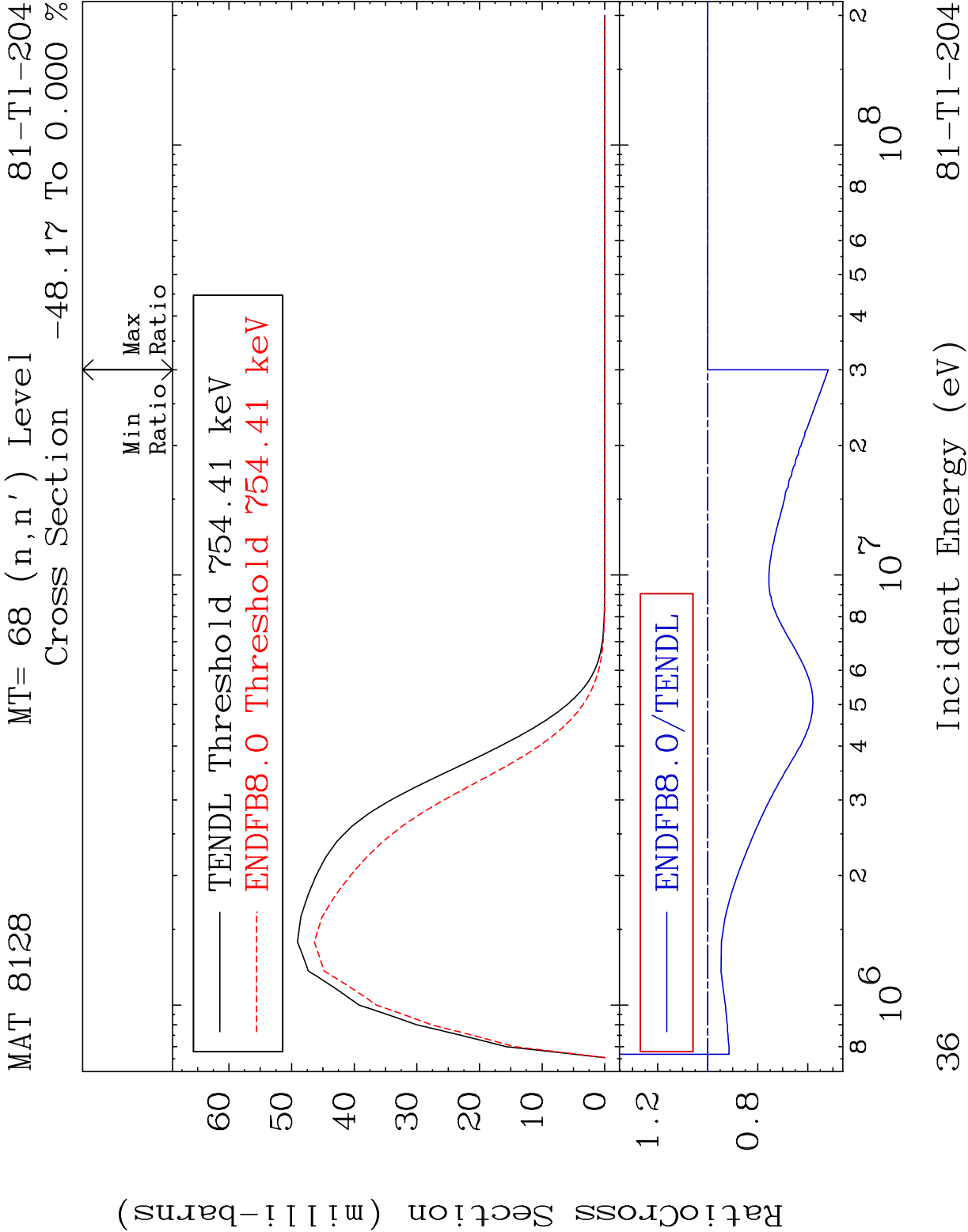
Level

81-Tl-204

Cross Section

-48.17 To 18.21 %





RatioCross Section (milli-barns)

60
50
40
30
20
10
0
1.2
0.8

Min
Max
Ratio

TENDL Threshold 754.41 keV
ENDFB8.0 Threshold 754.41 keV

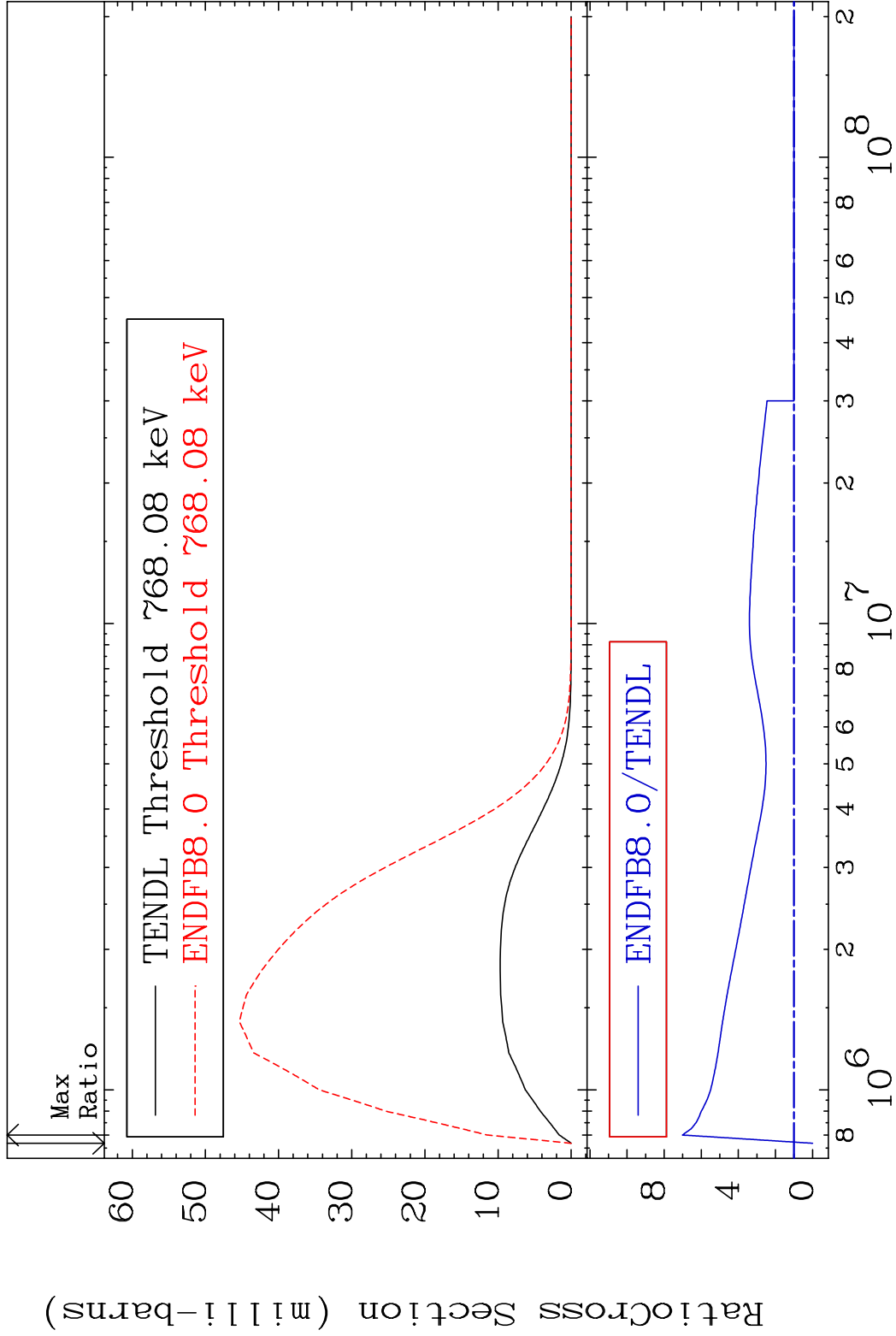
ENDFB8.0/TENDL

36

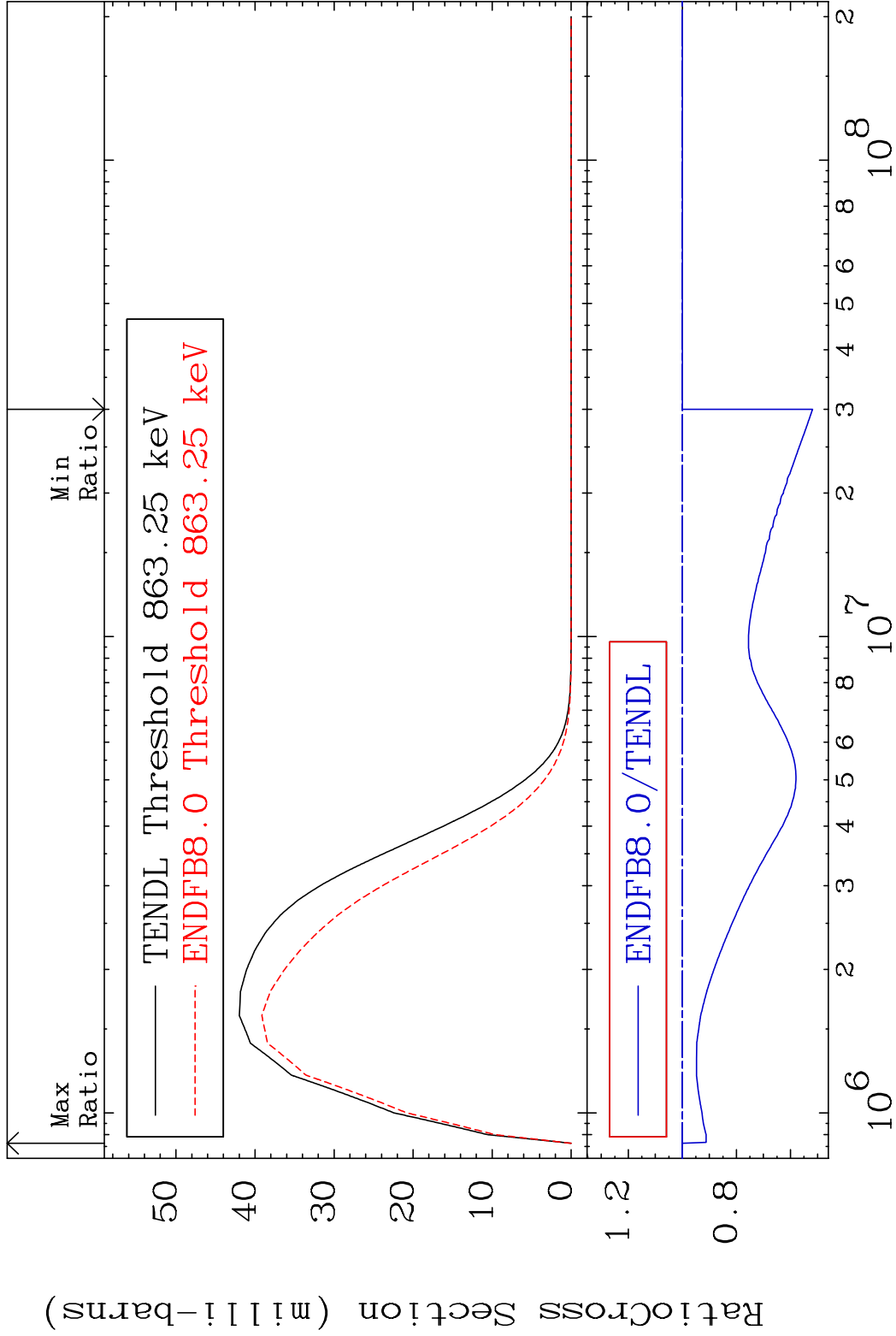
Incident Energy (eV)

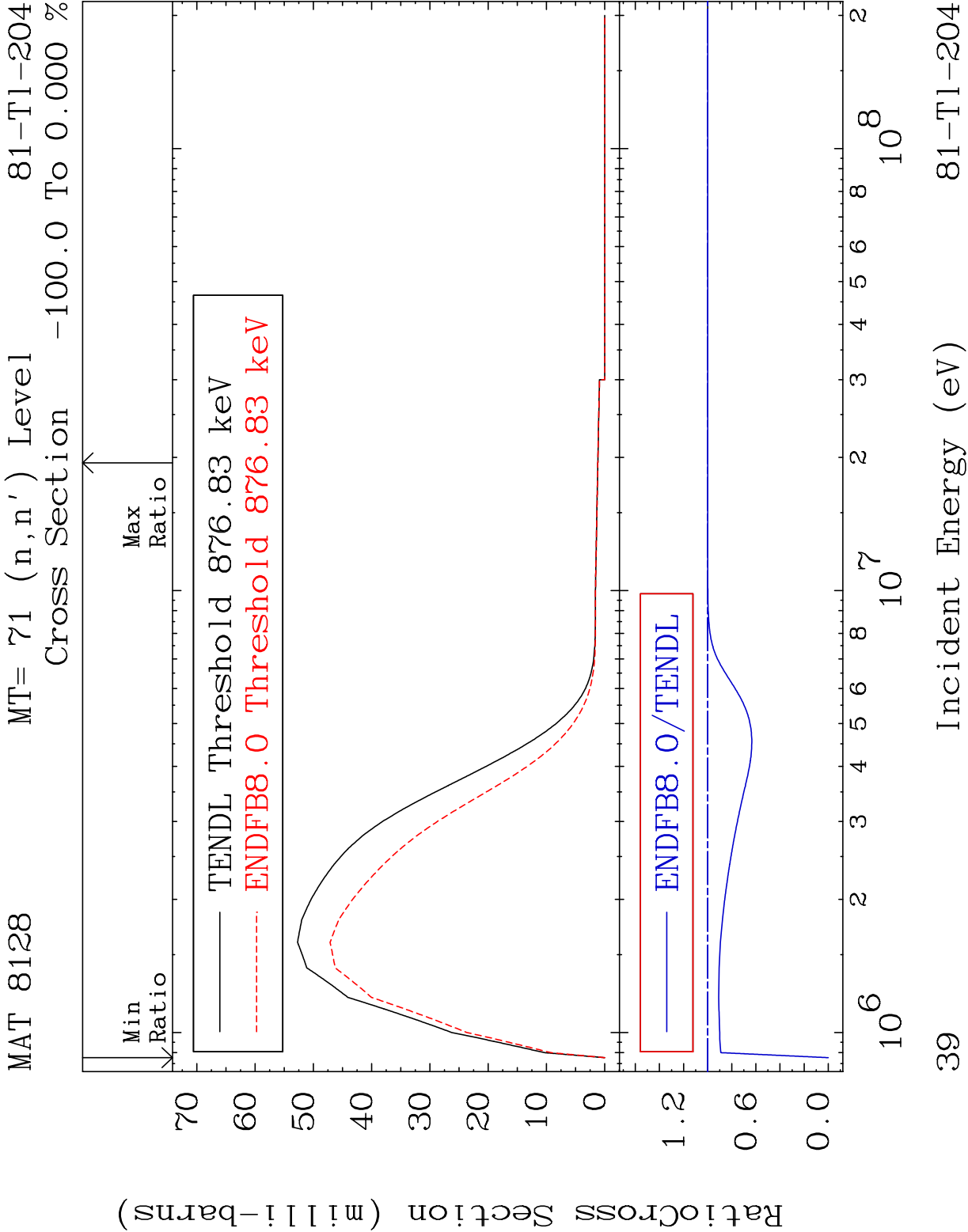
81-Tl-204

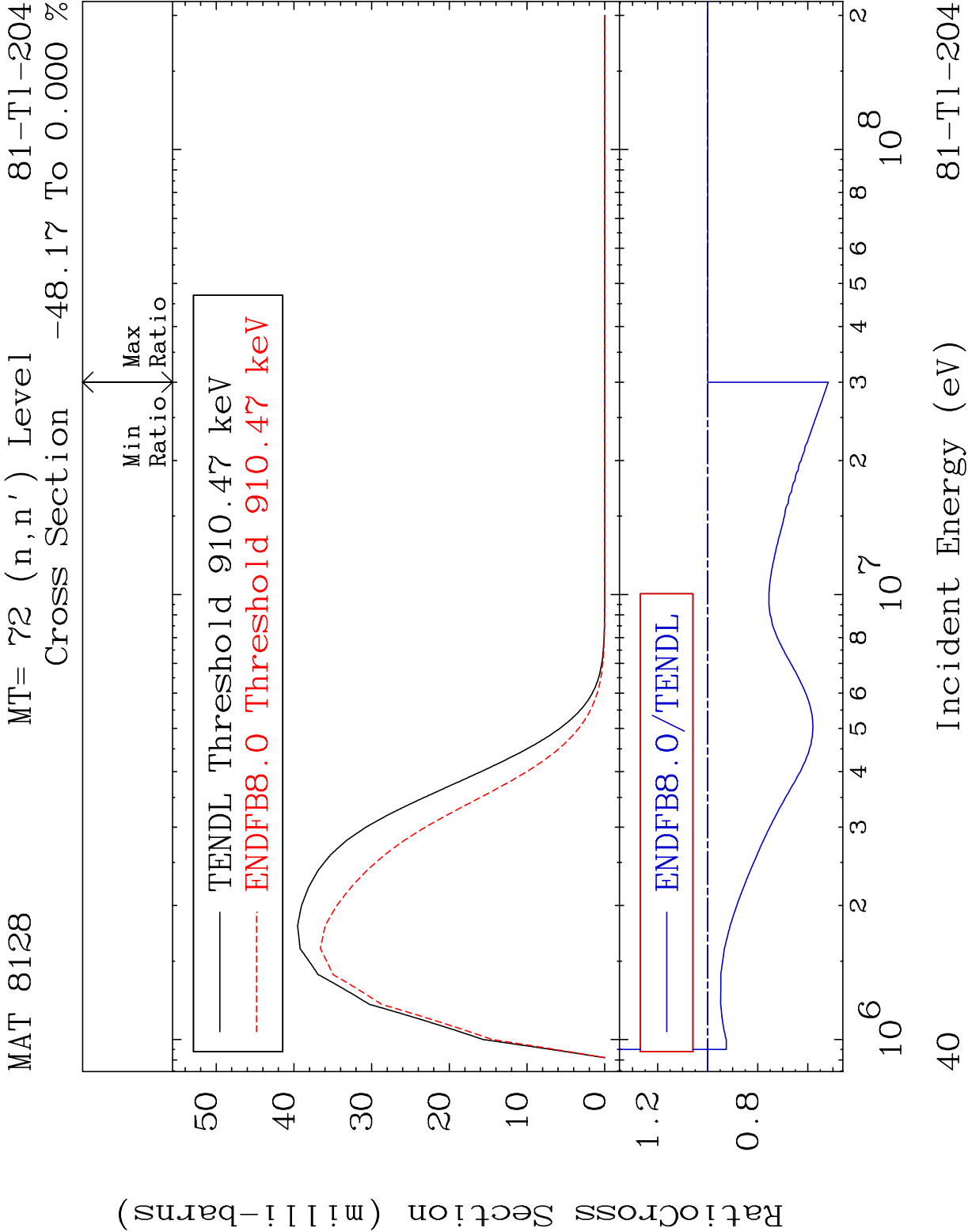
MAT 8128 MT= 69 (n,n') Level 81-Tl-204
Cross Section -100.0 To 602.0 %



MAT 8128 MT= 70 (n,n') Level 81-Tl-204
Cross Section -48.17 To 0.000 %





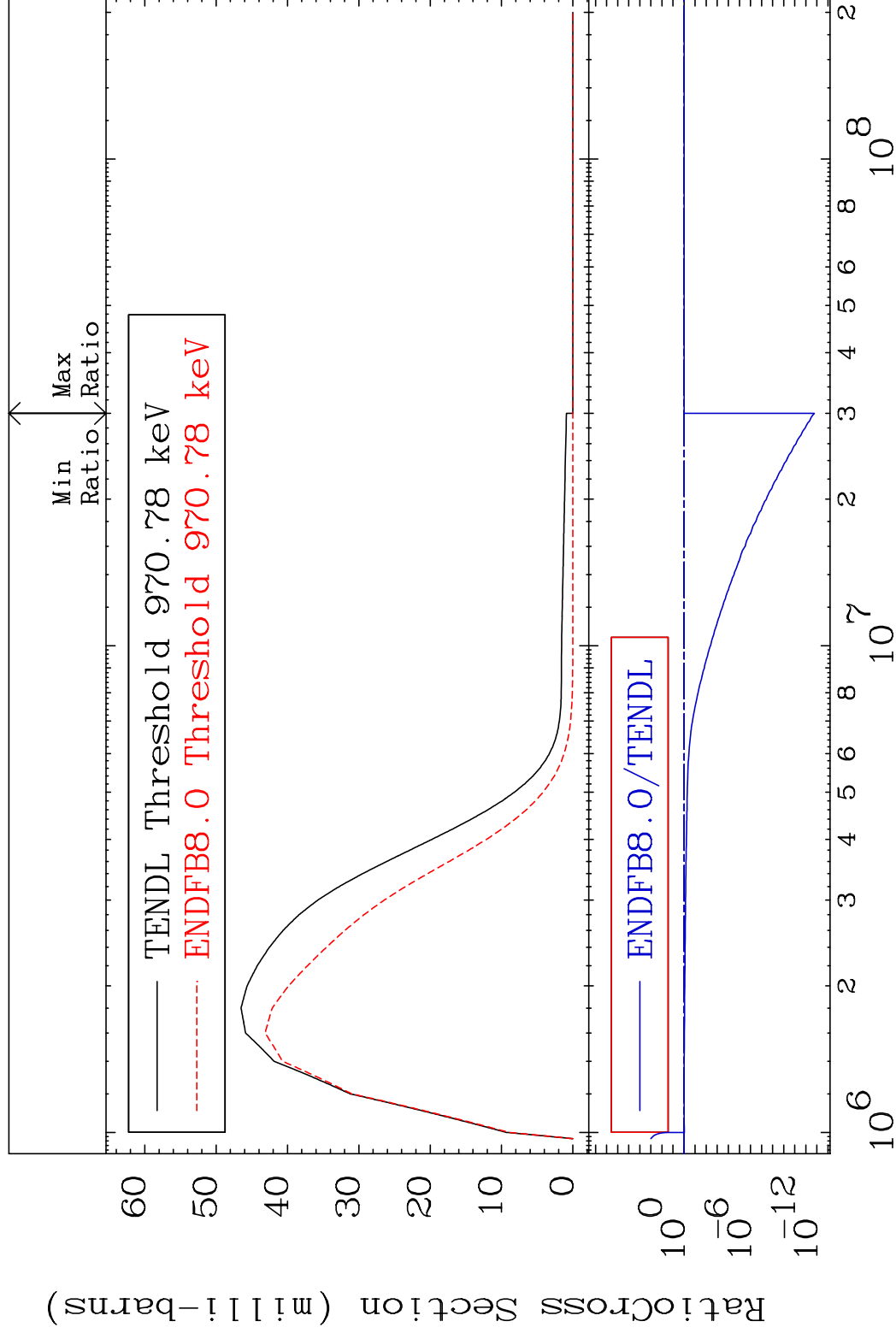


MAT 8128

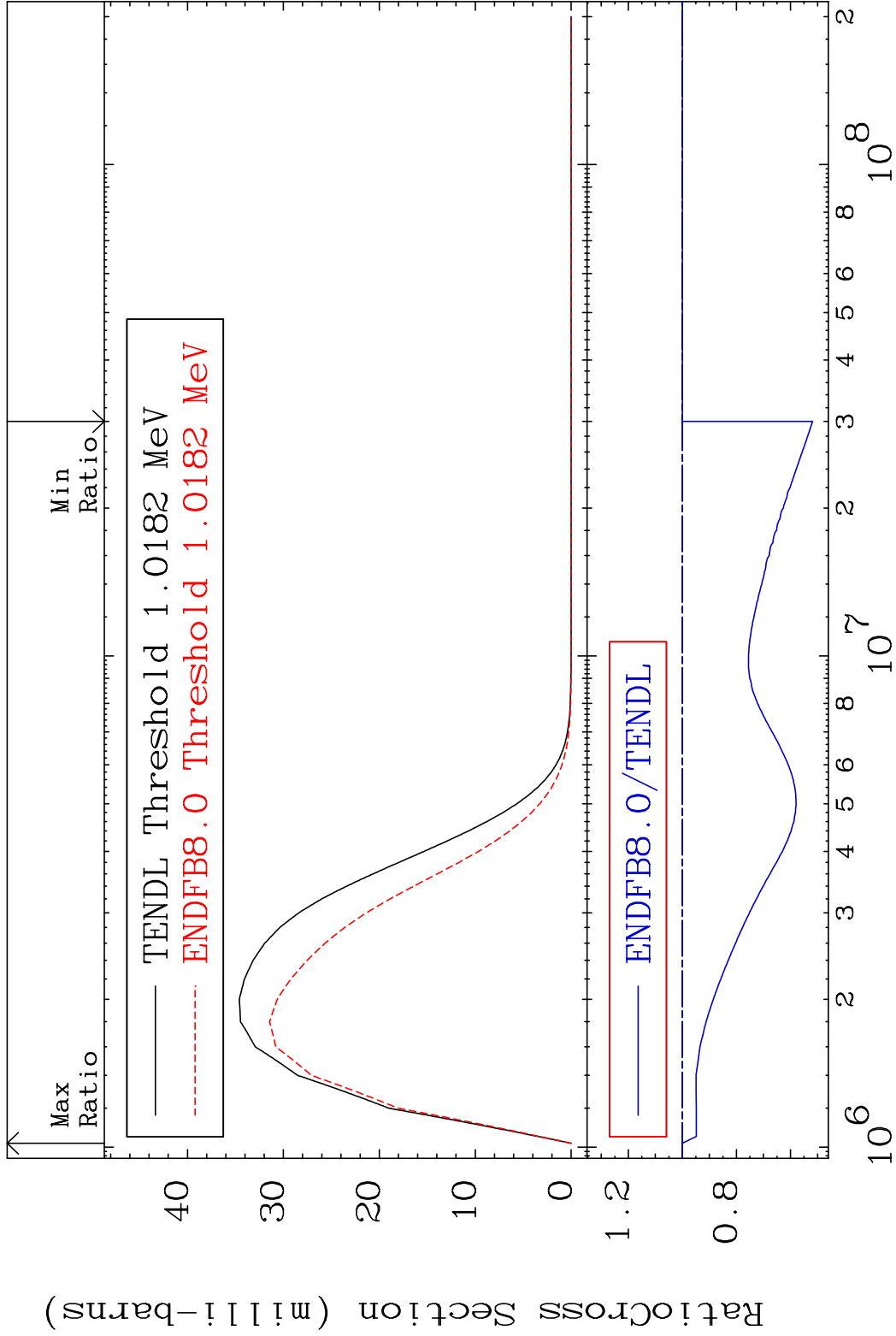
MT= 73 (n, n') Level

81-T1-204

Cross Section	-100.0 To 0.000 %

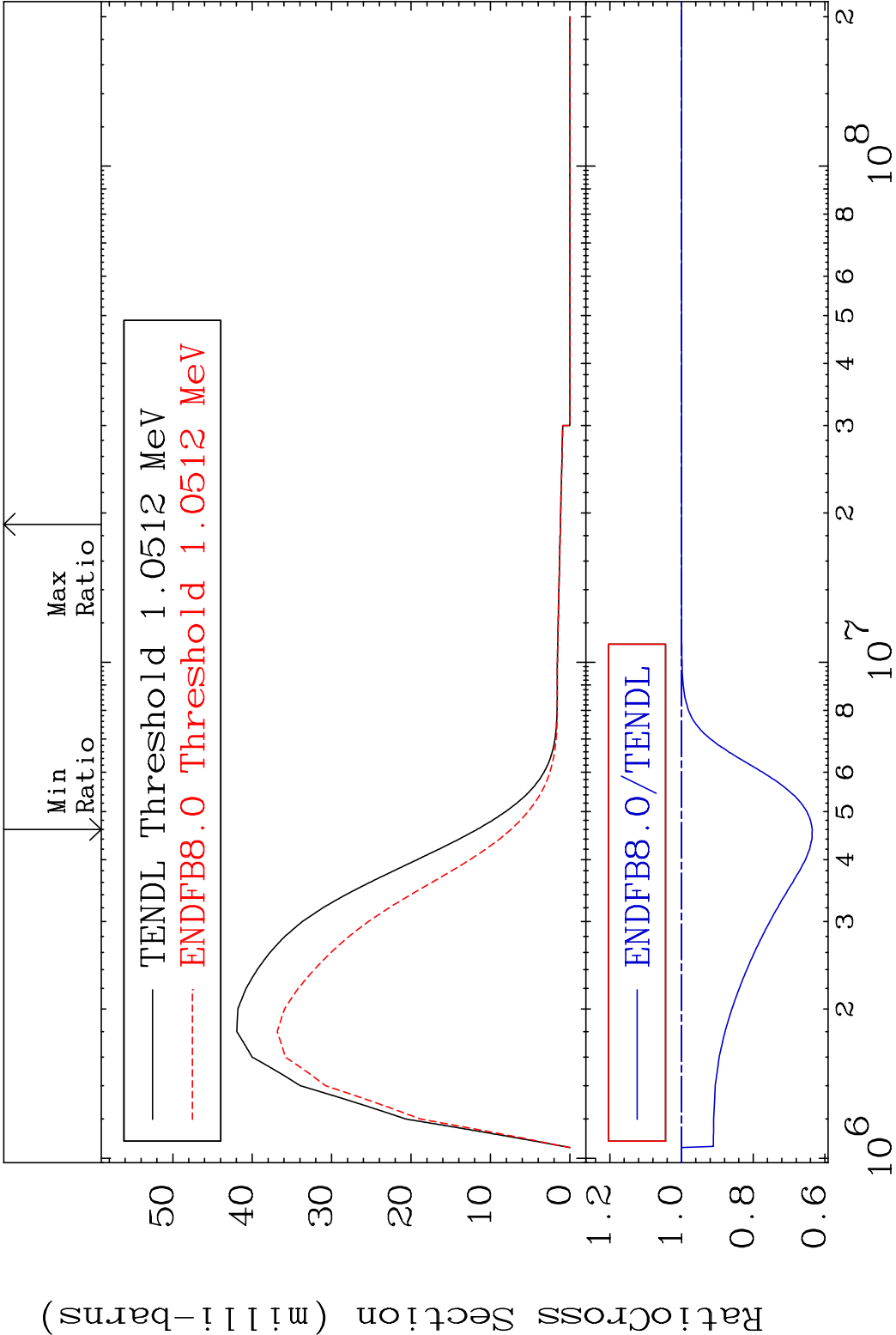


MAT 8128 MT= 74 (n,n') Level 81-Tl-204
Cross Section -48.17 To 0.000 %

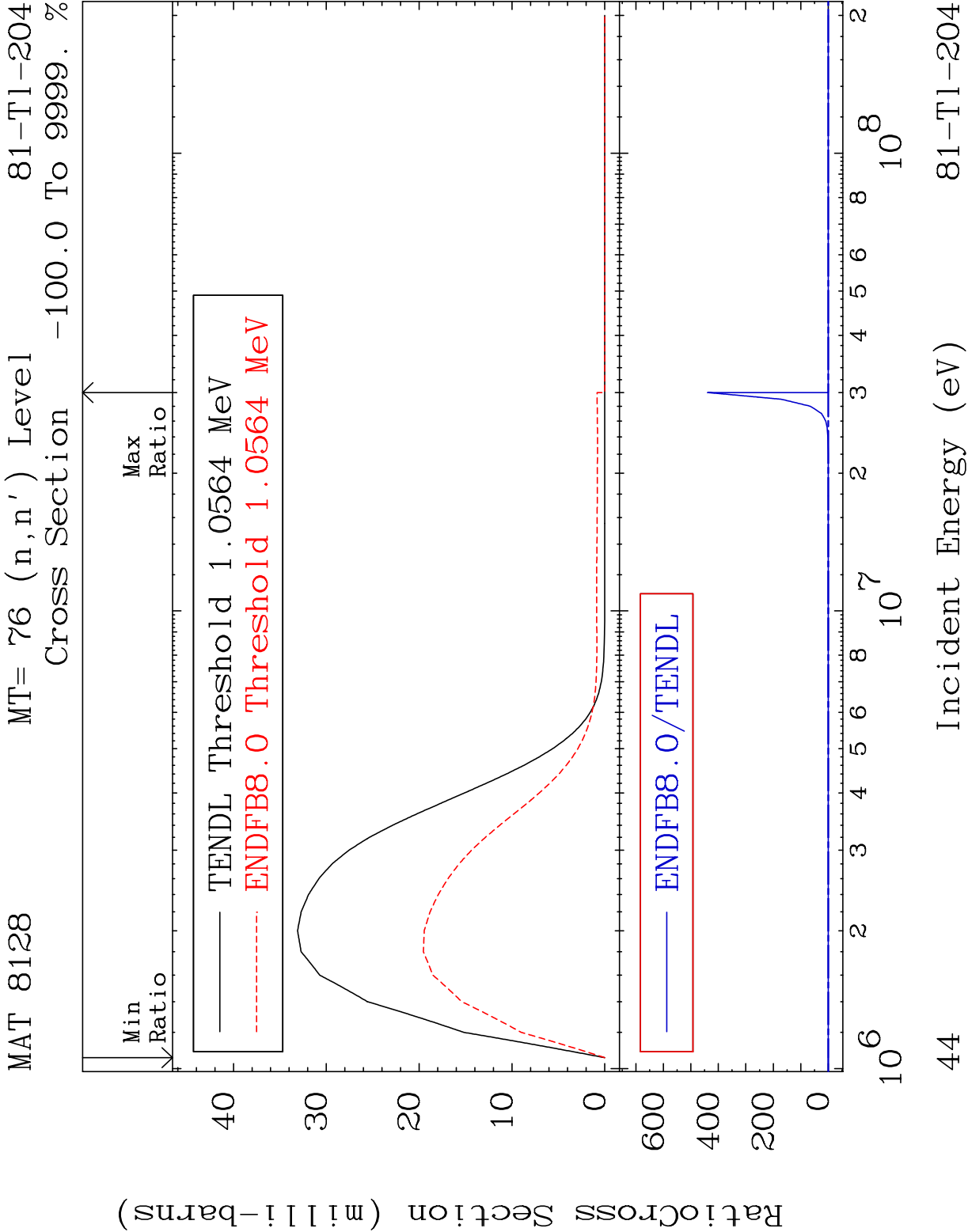


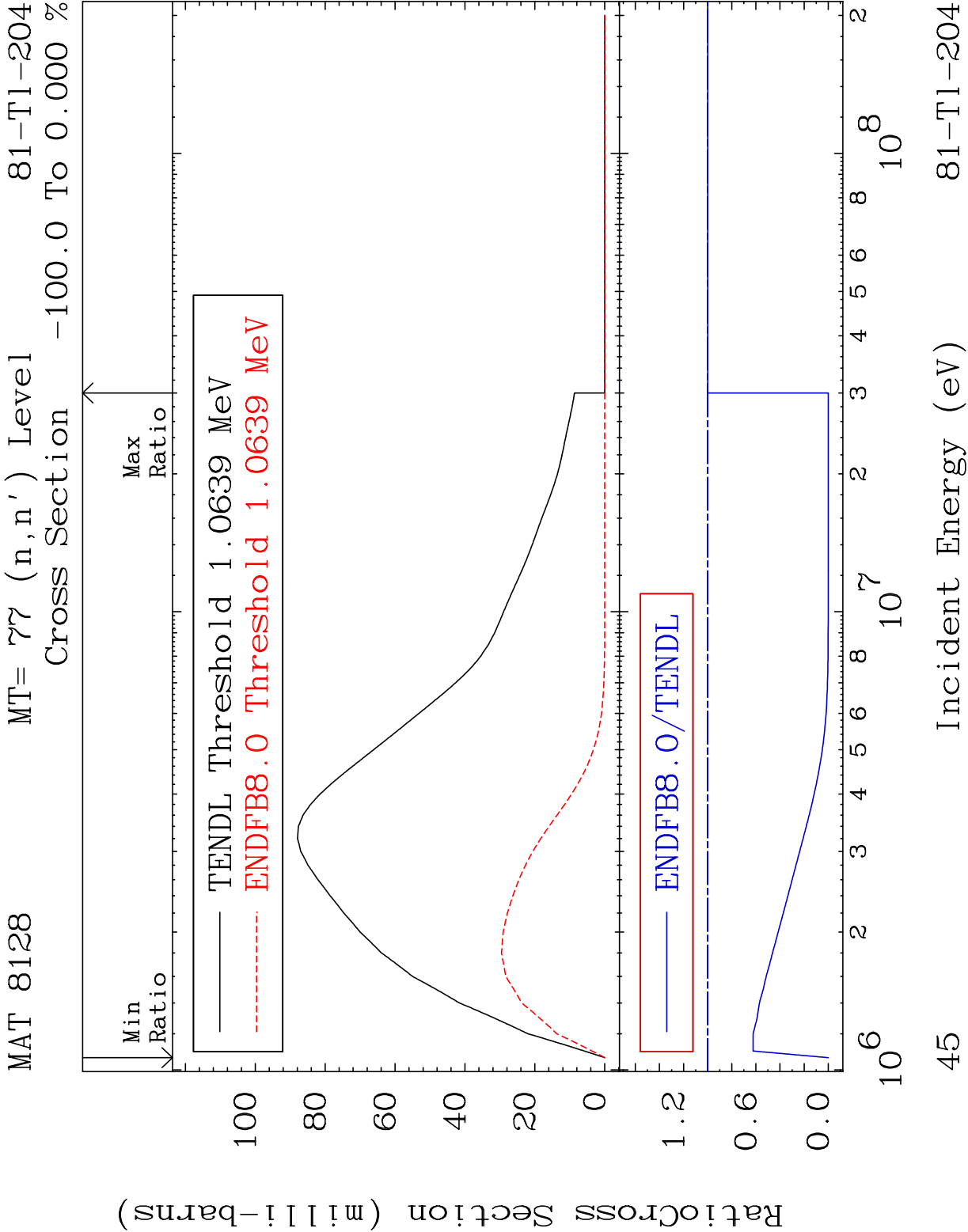
42 Incident Energy (eV) 81-Tl-204

MAT 8128 MT= 75 (n,n') Level 81-Tl-204
Cross Section -36.48 To 0.000 %

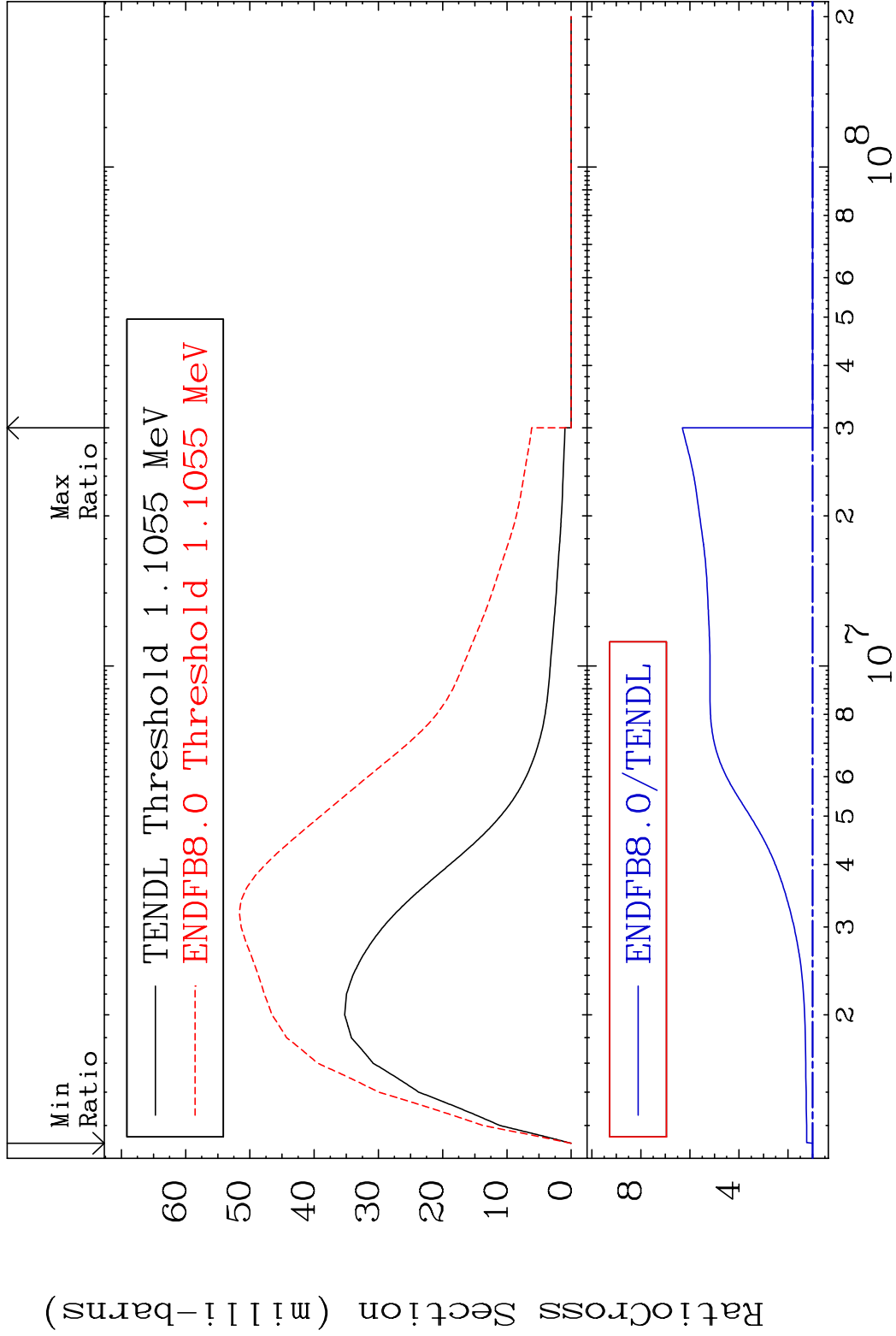


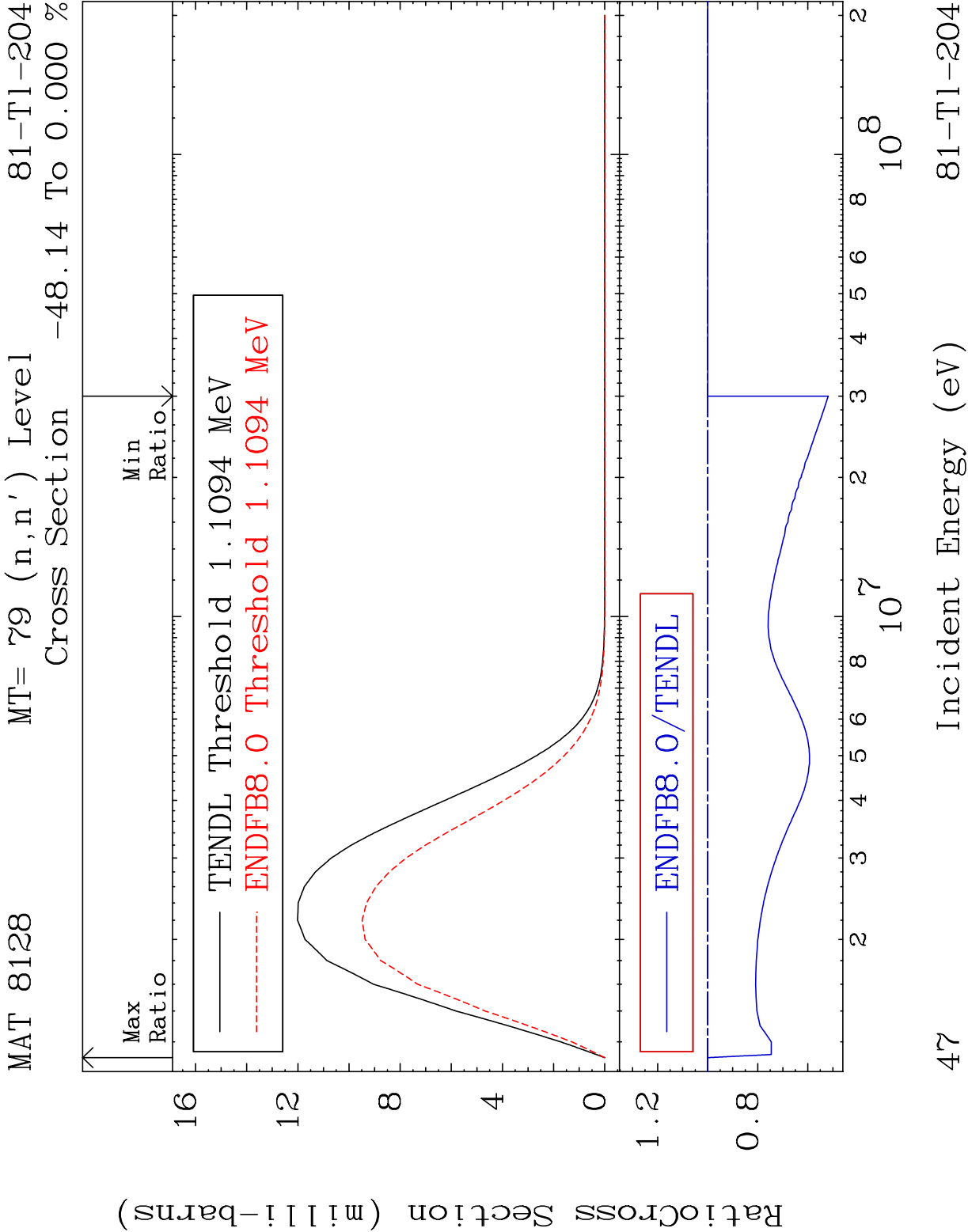
43 Incident Energy (eV) 81-Tl-204

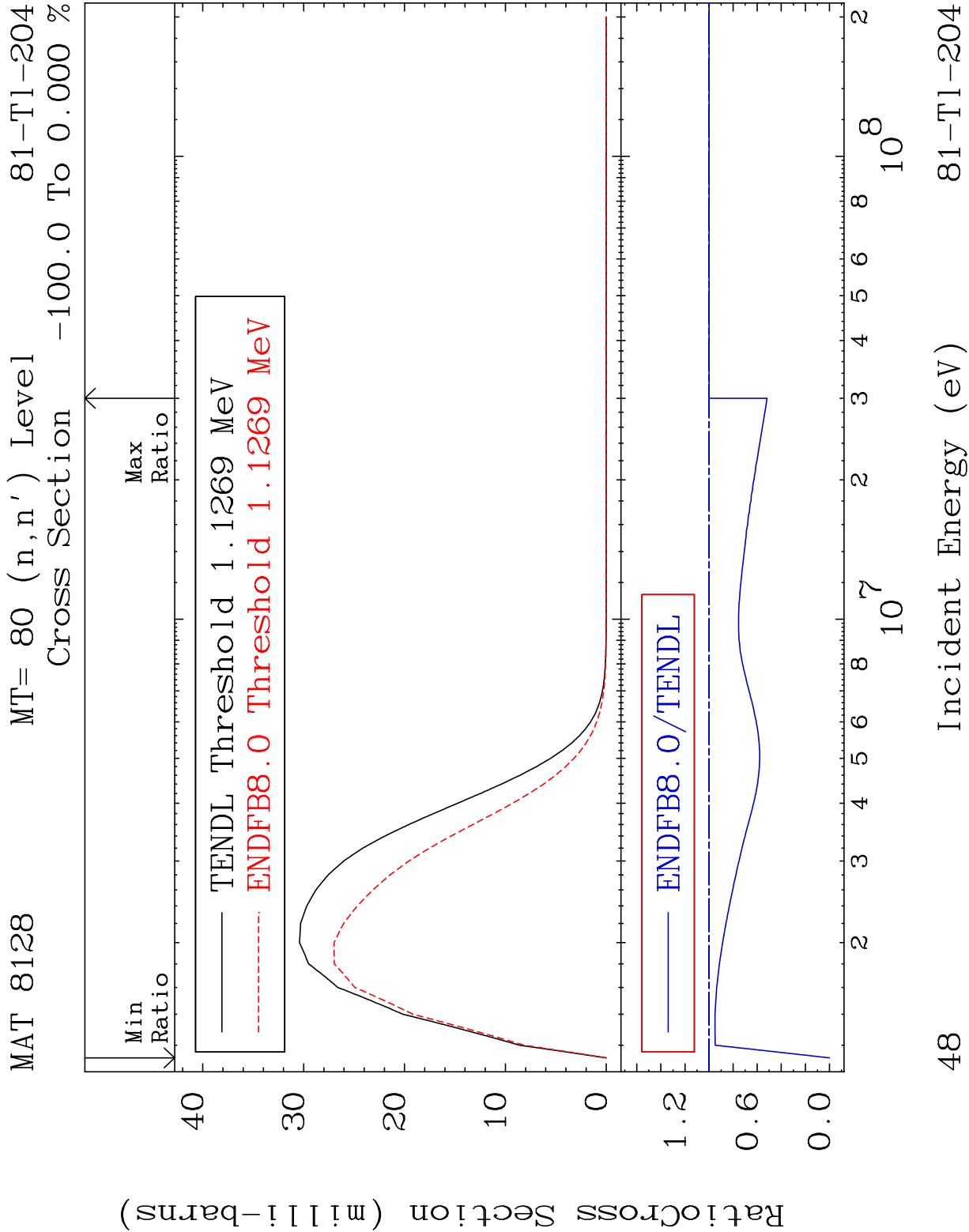


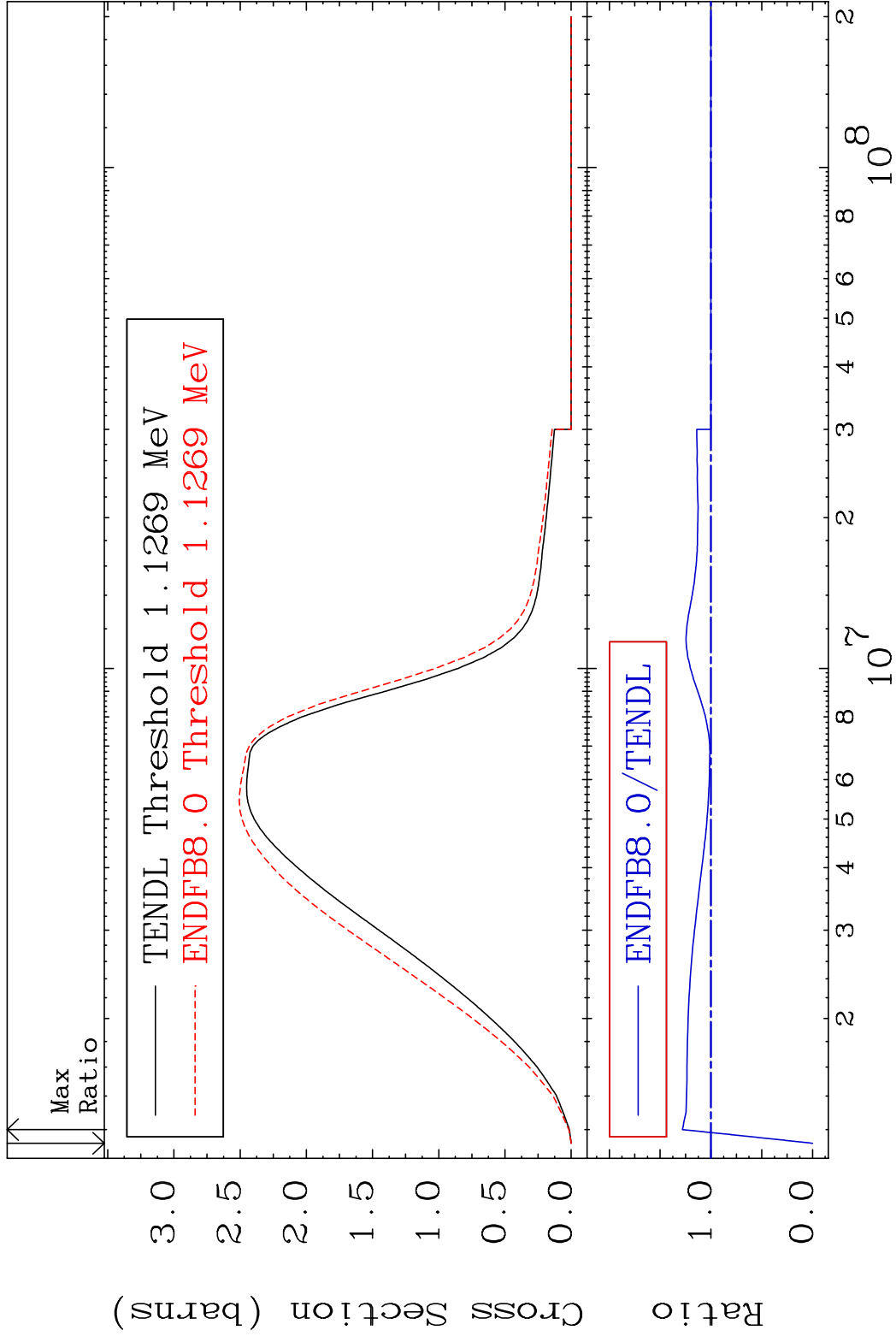


MAT 8128	MT= 78 (n,n')	Level	81-Tl-204
	Cross Section	0.000	To 530.9 %





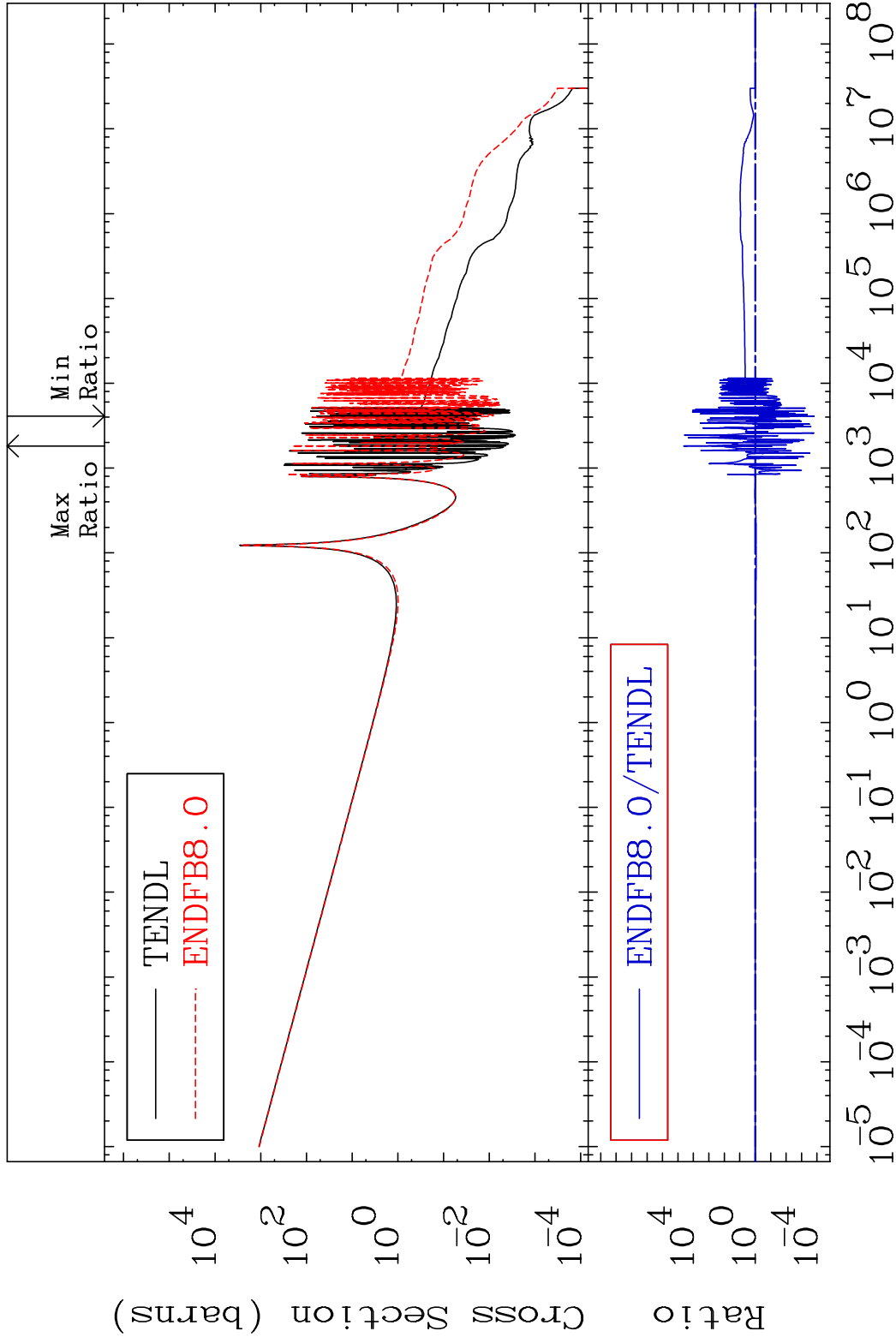




MAT 8128

(n, γ)

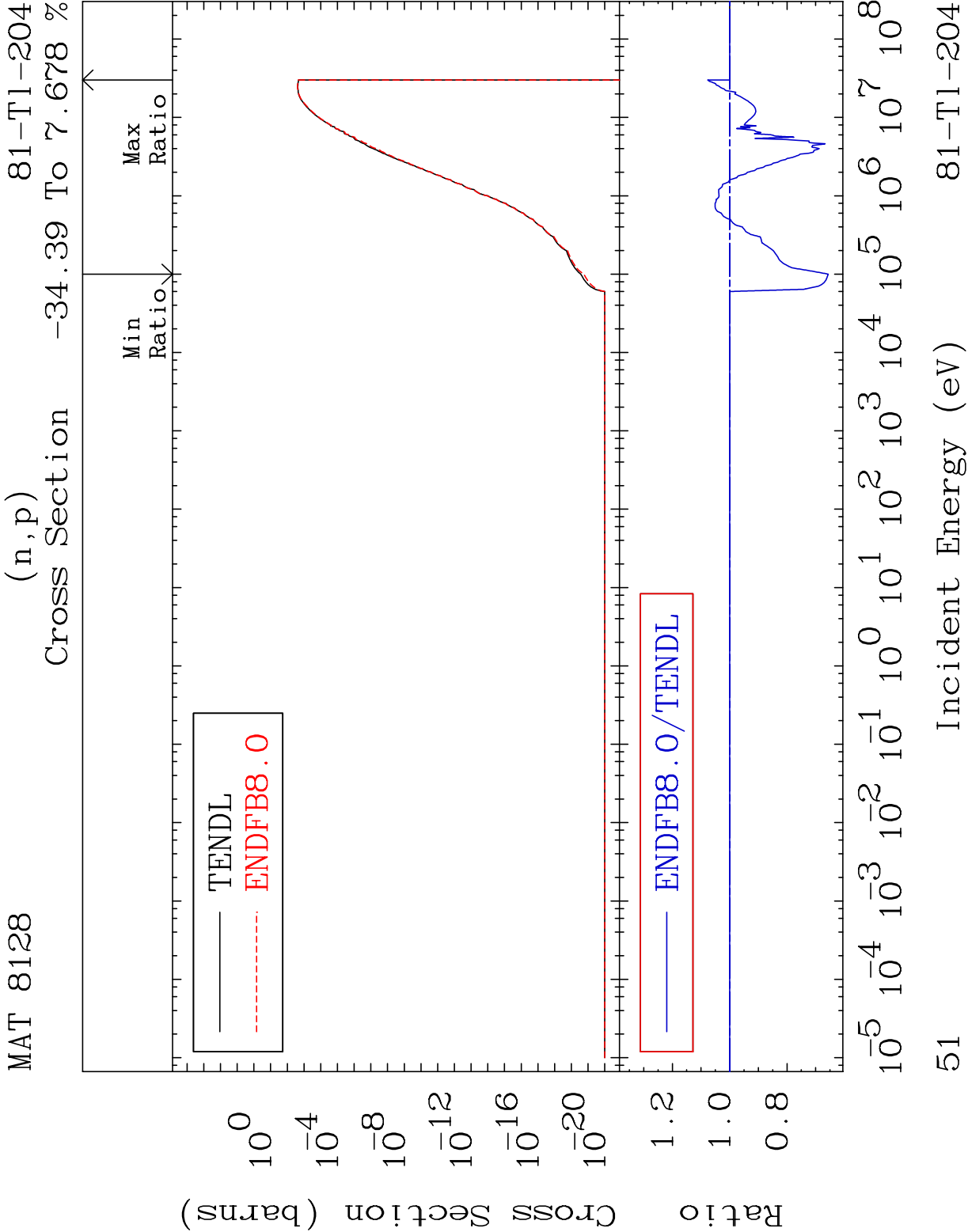
Cross Section 81-Tl-204
-99.98 To 9999. %

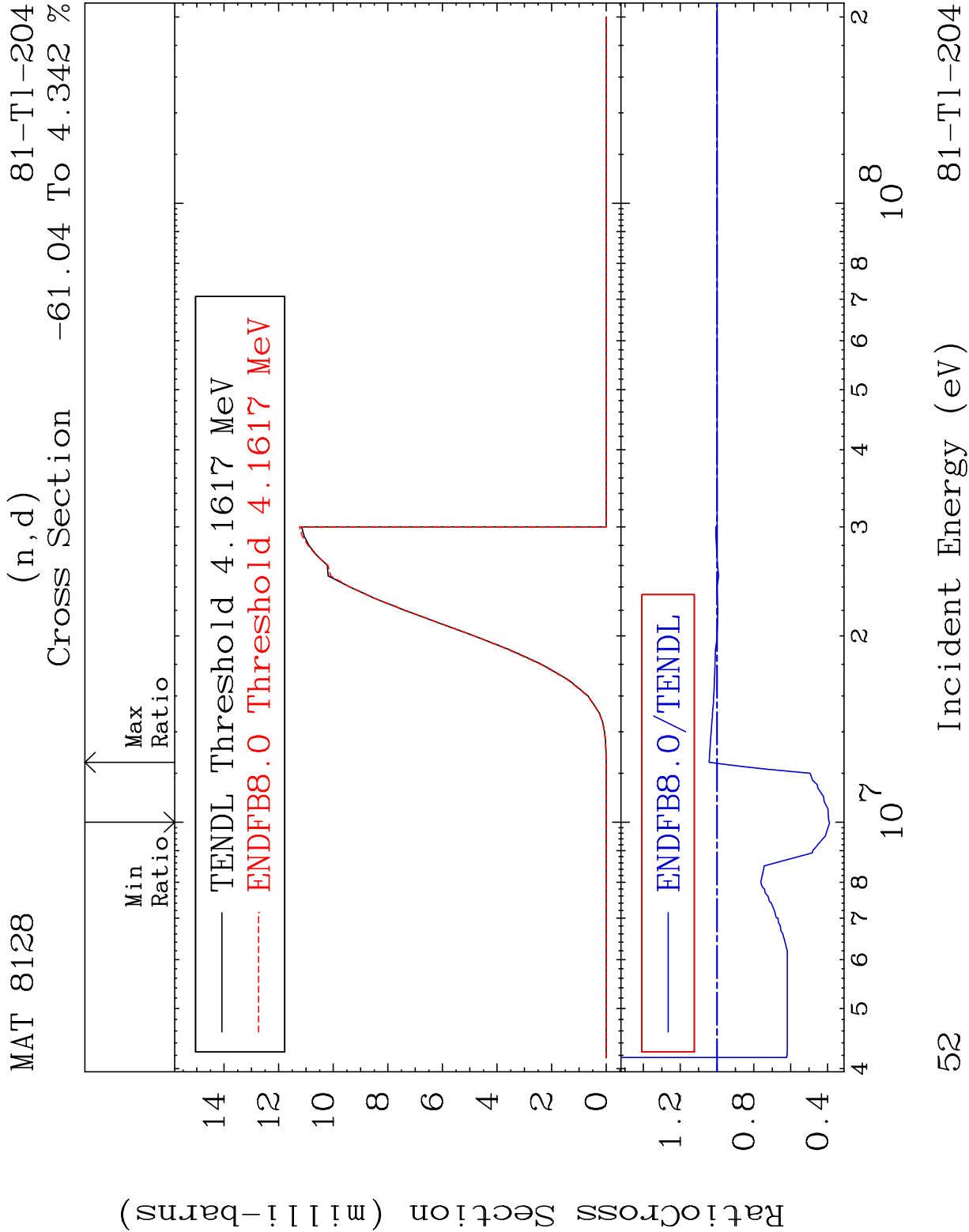


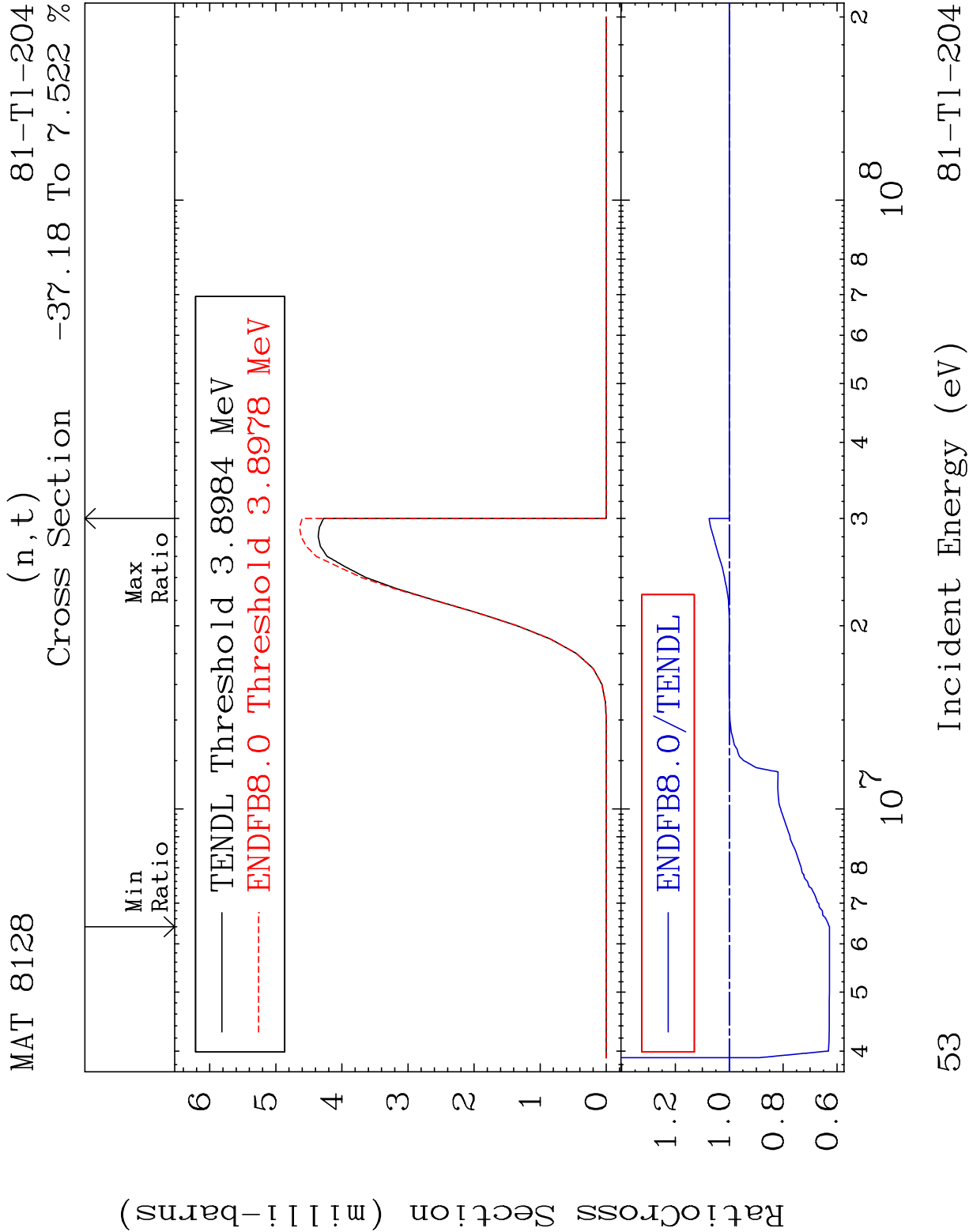
50

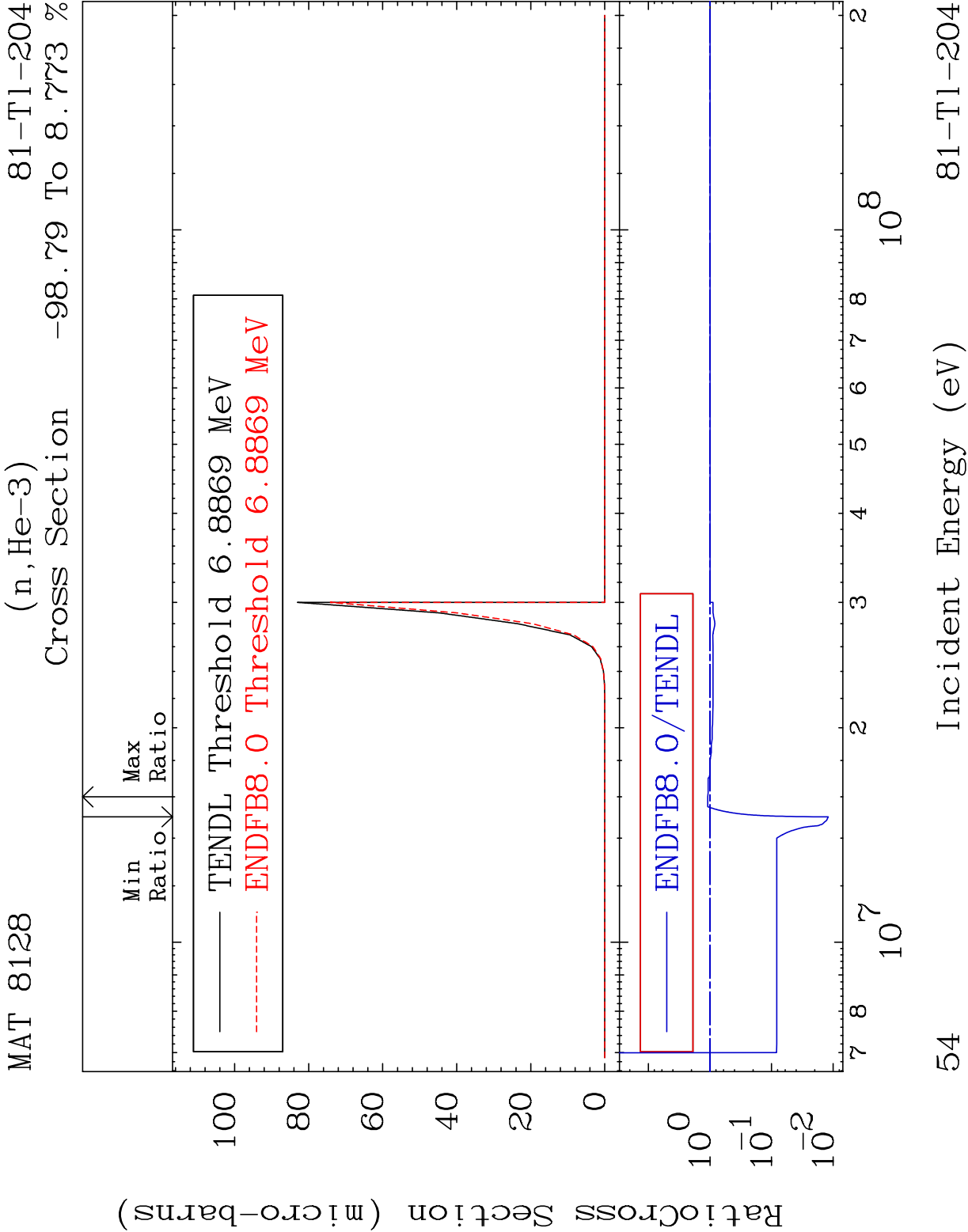
Incident Energy (eV)

81-Tl-204





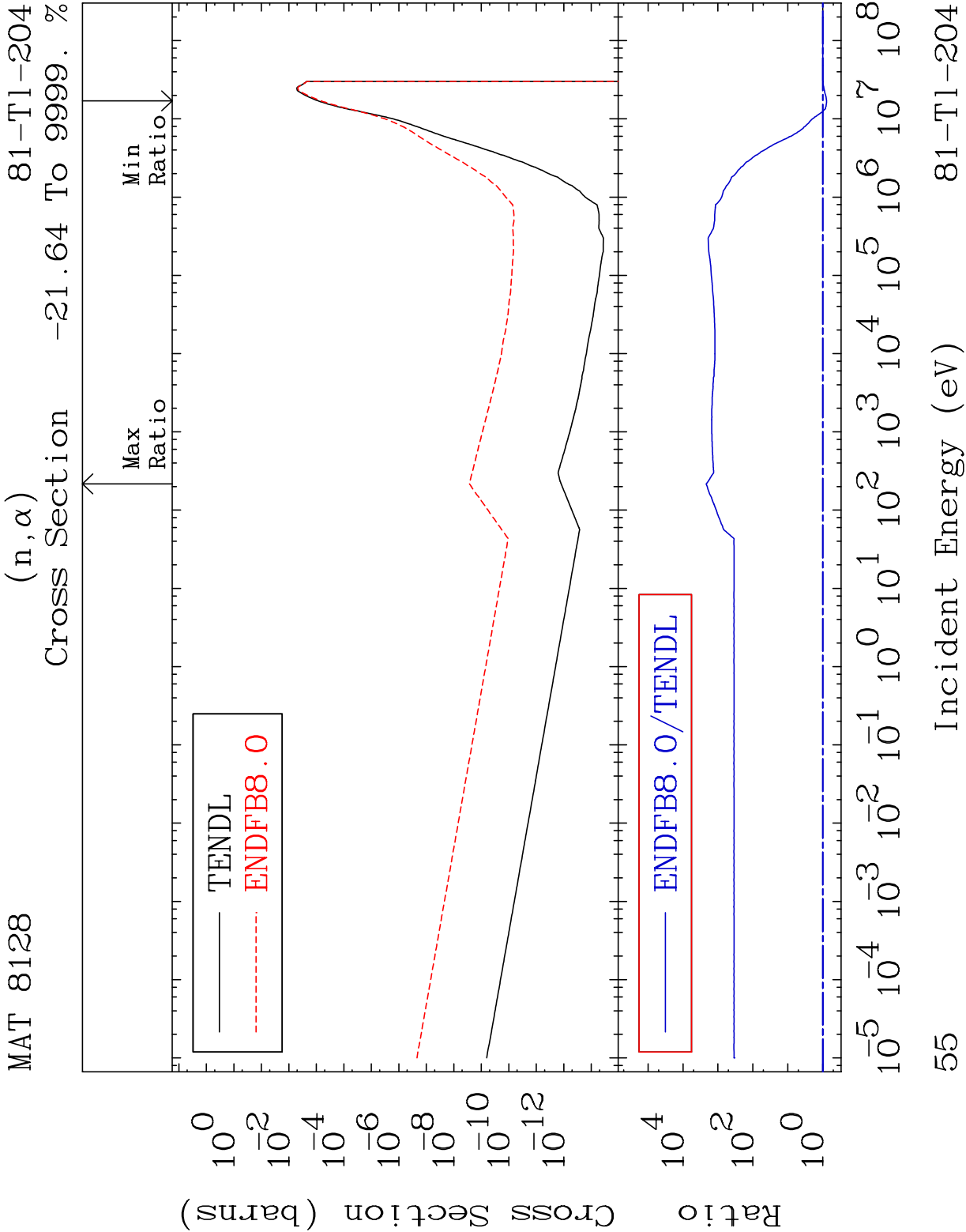


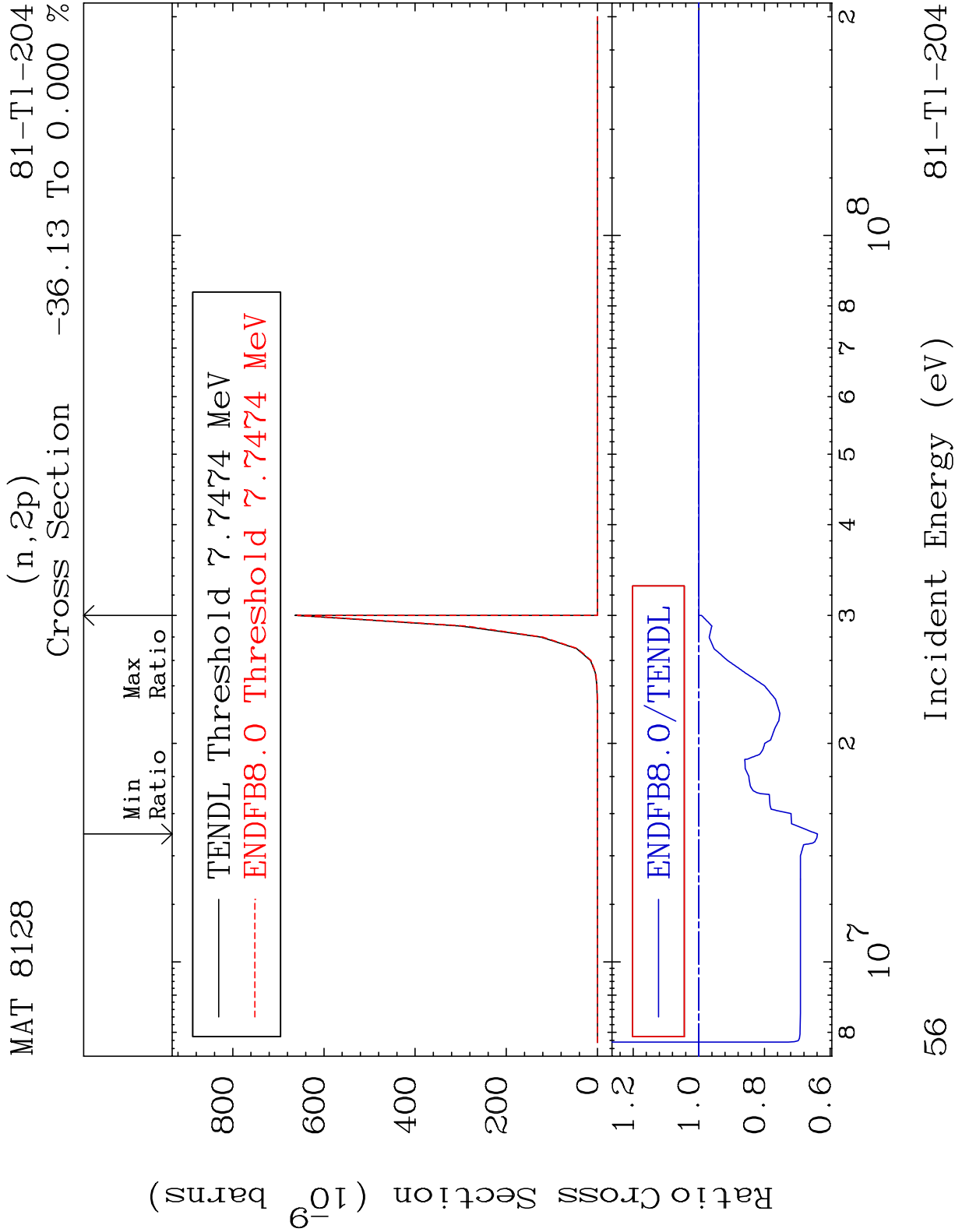


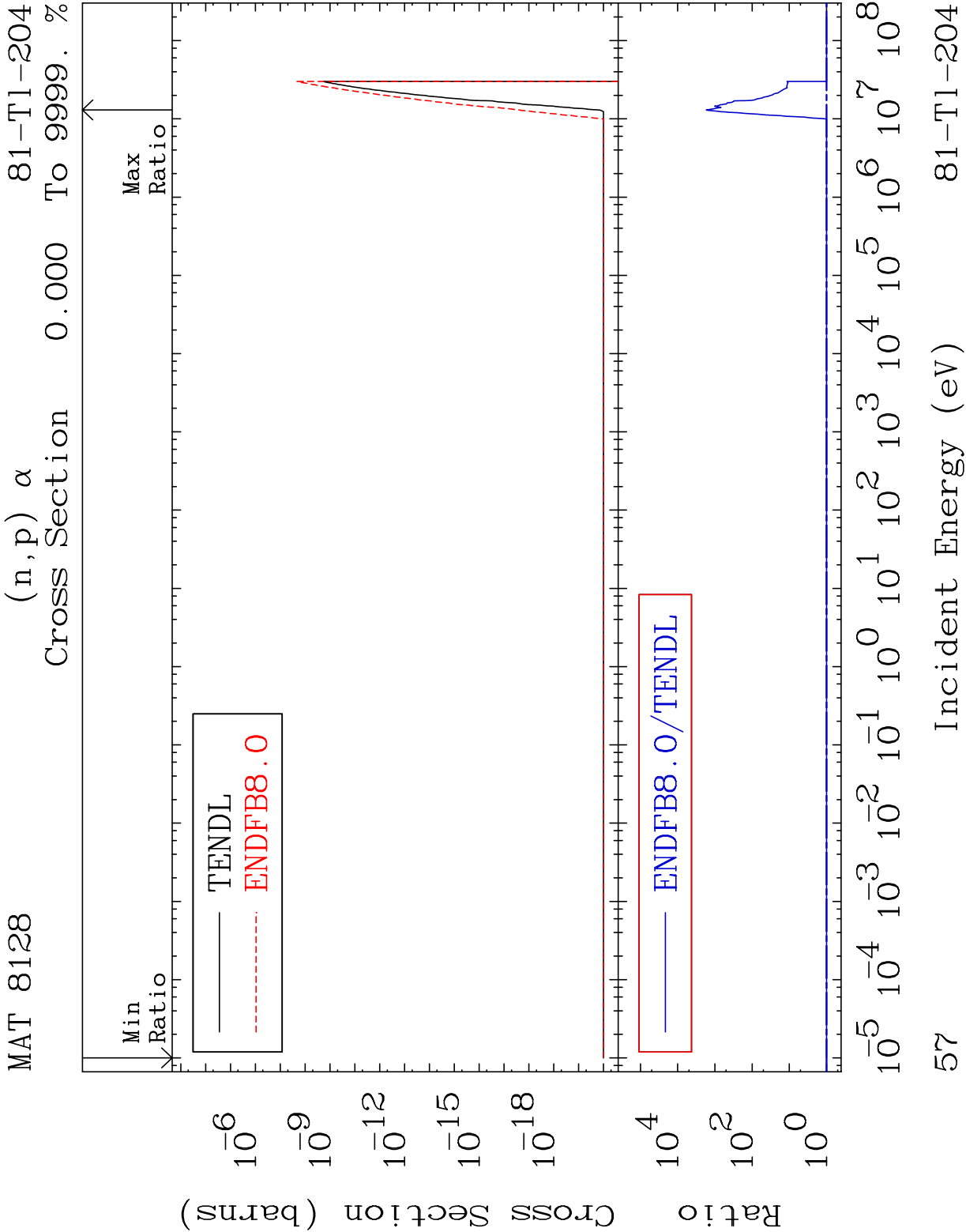
54

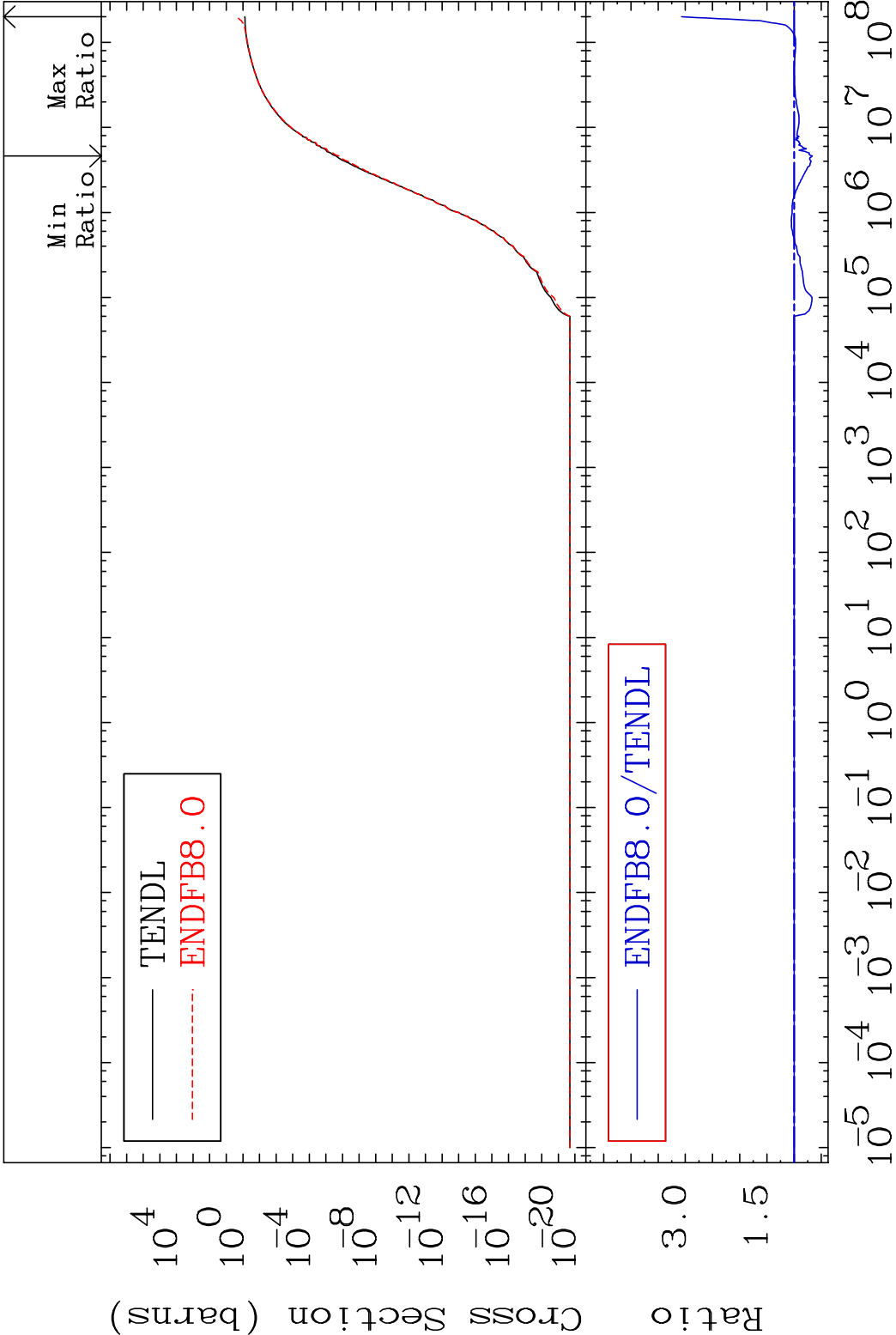
Incident Energy (eV)

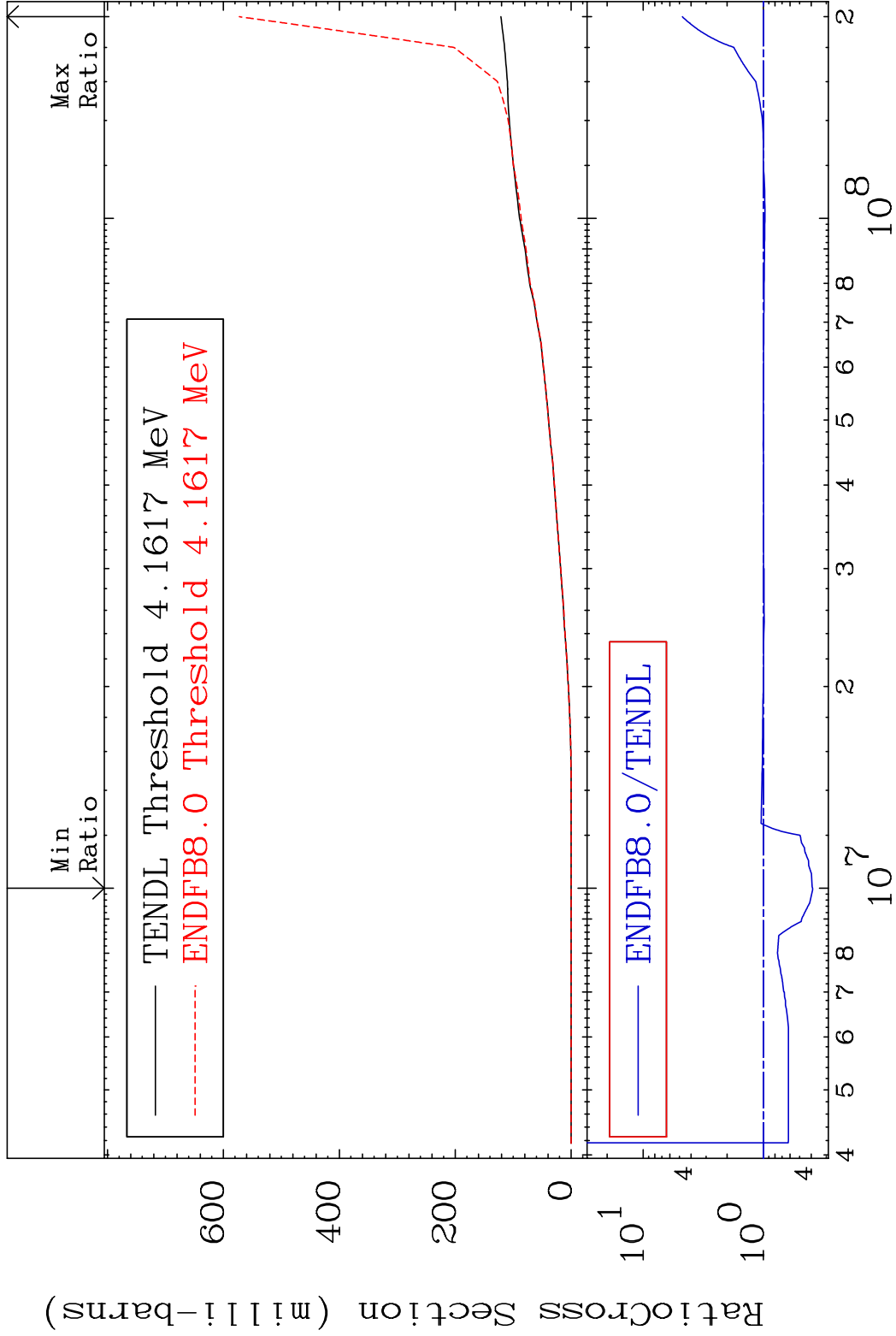
81-Tl-204

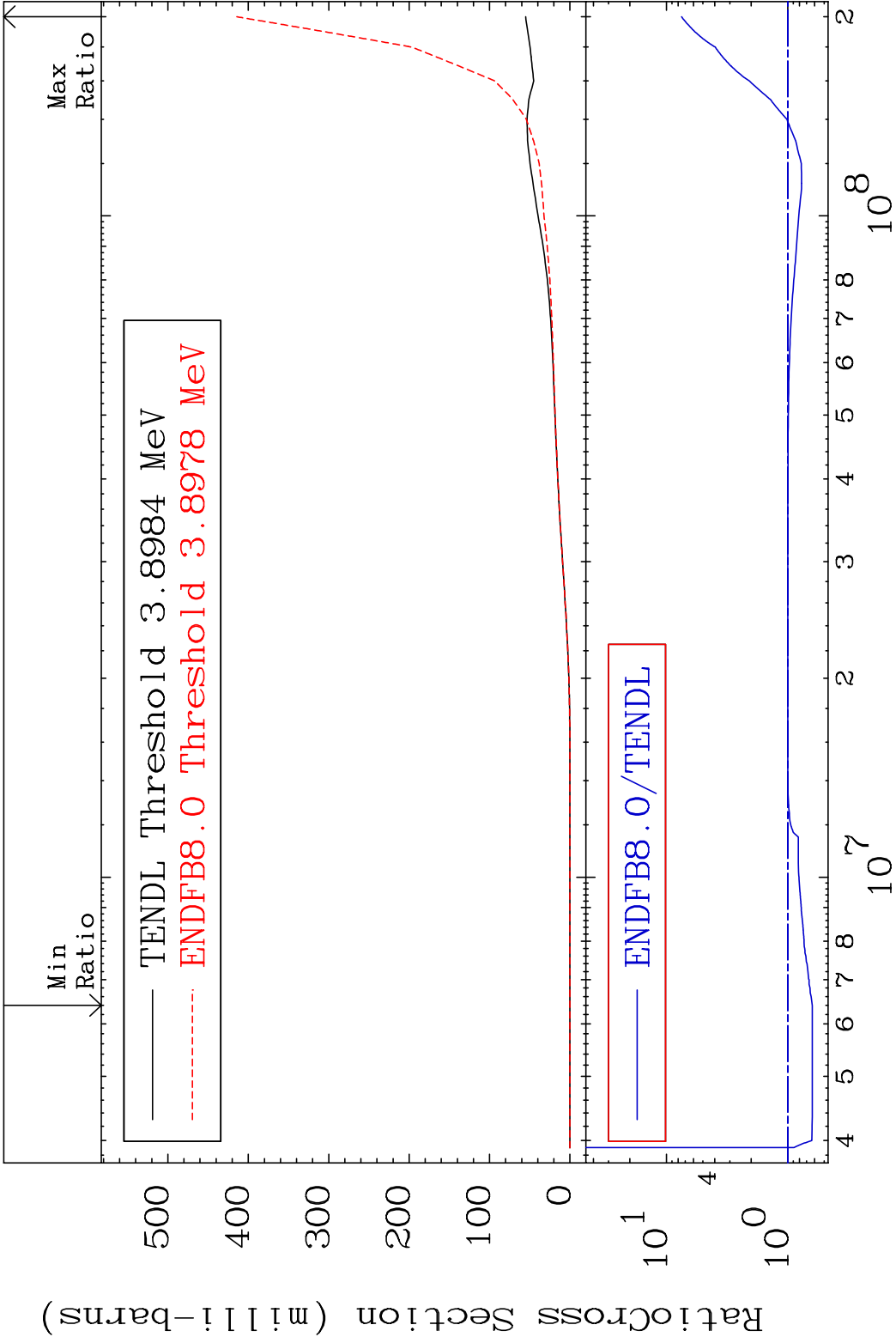


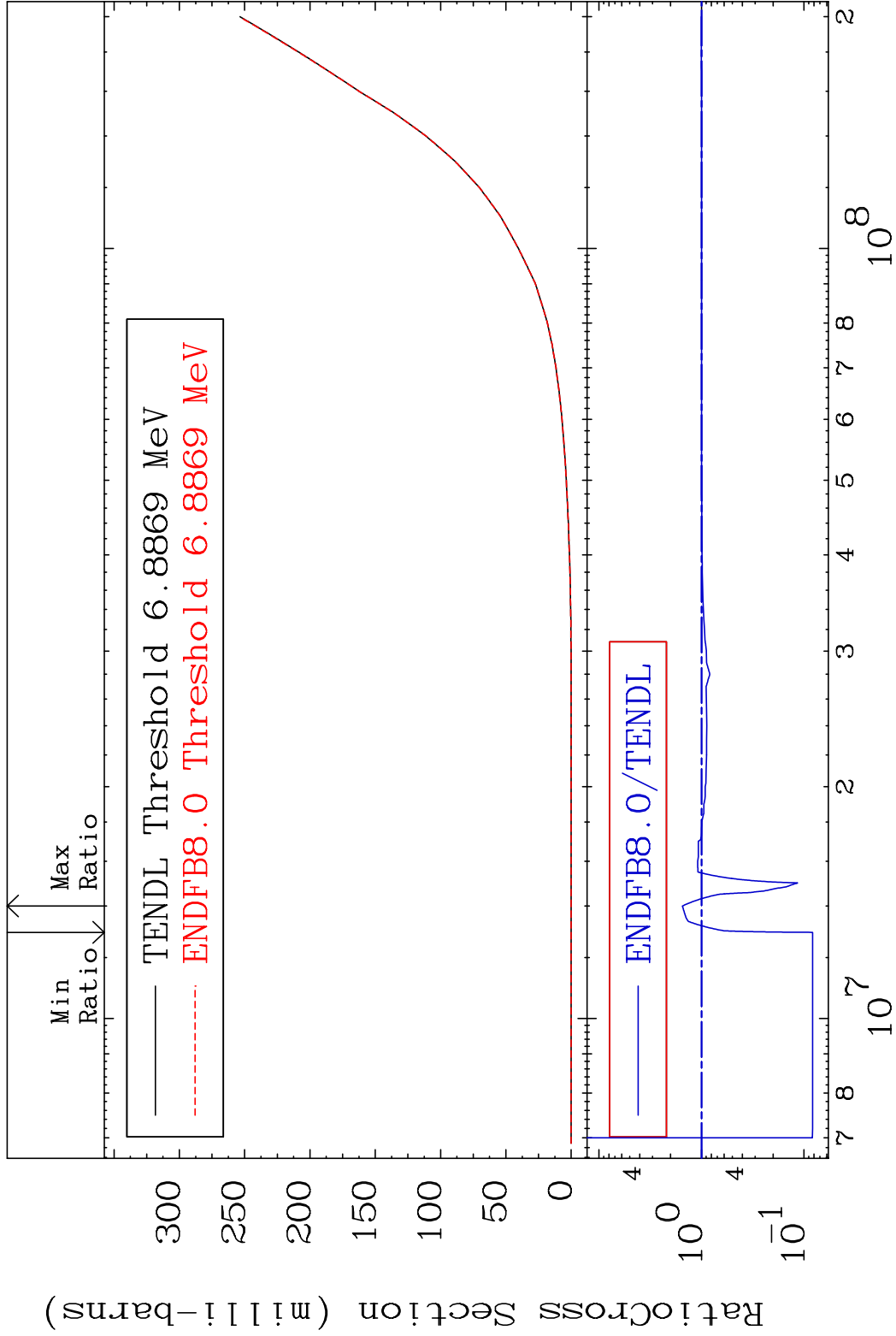


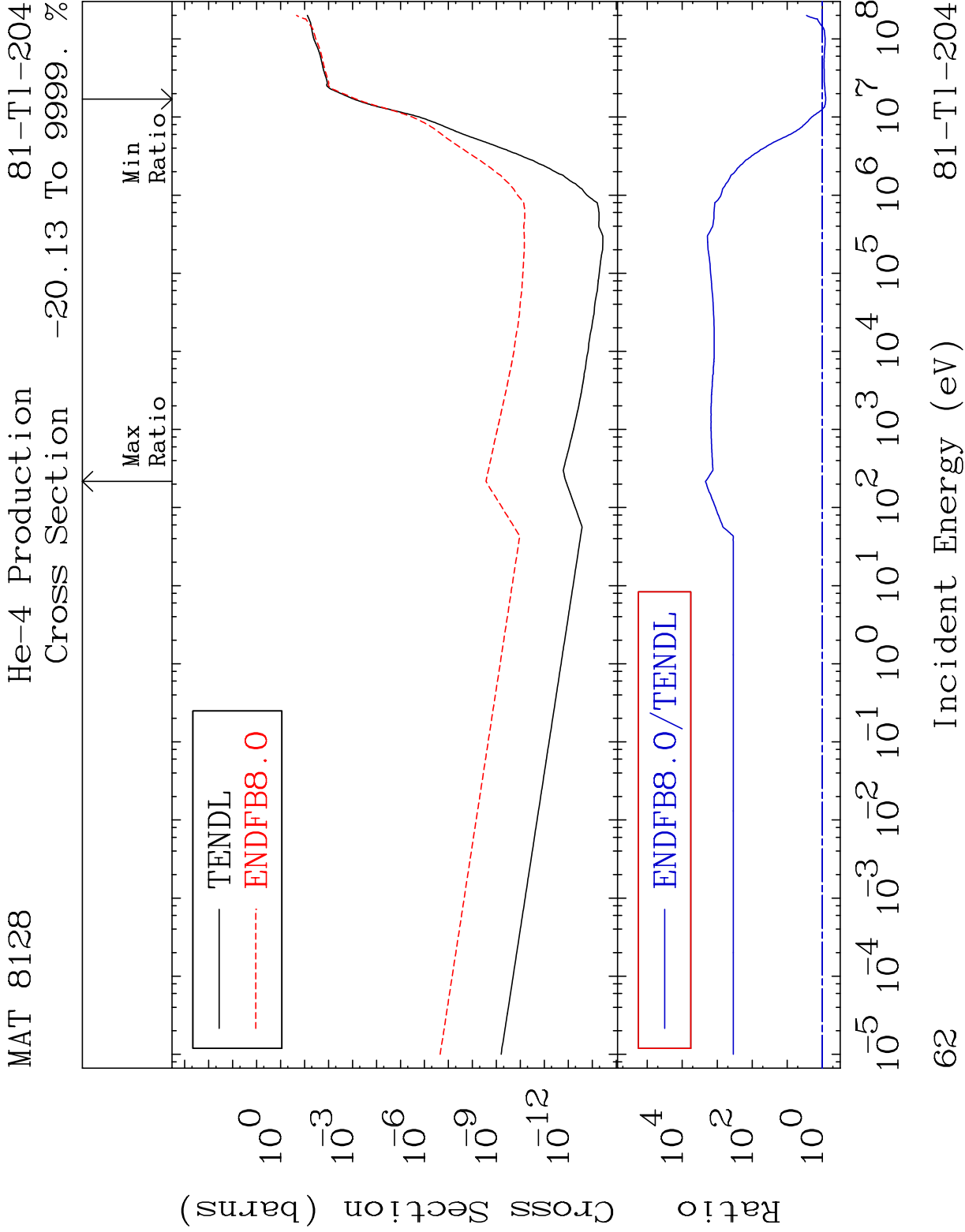




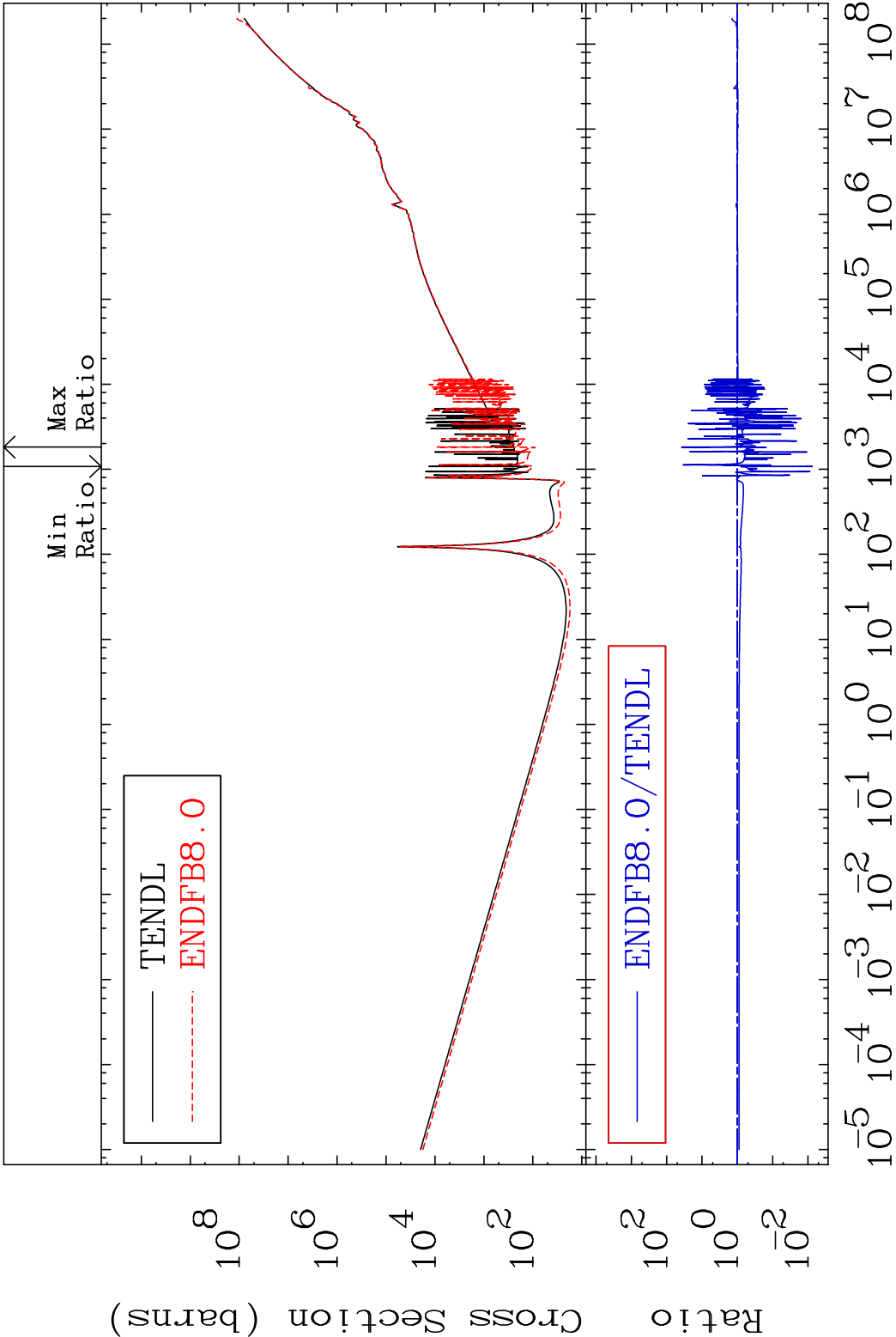








MAT 8128 Kerma total (eV-barns) 81-Tl-204
Cross Section -99.24 To 3694. %



63 Incident Energy (eV) 81-Tl-204

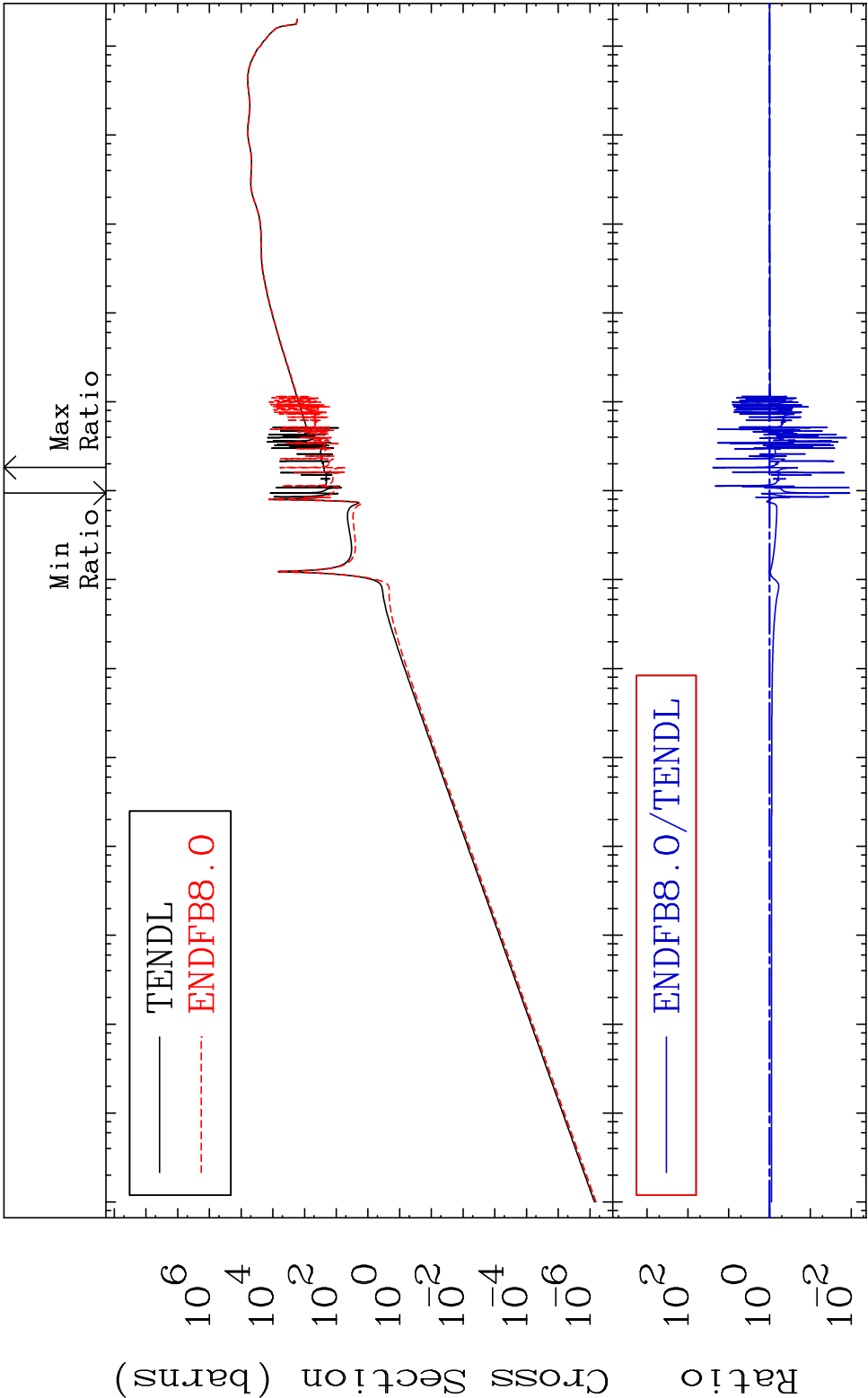
MAT 8128

Kerma elastic

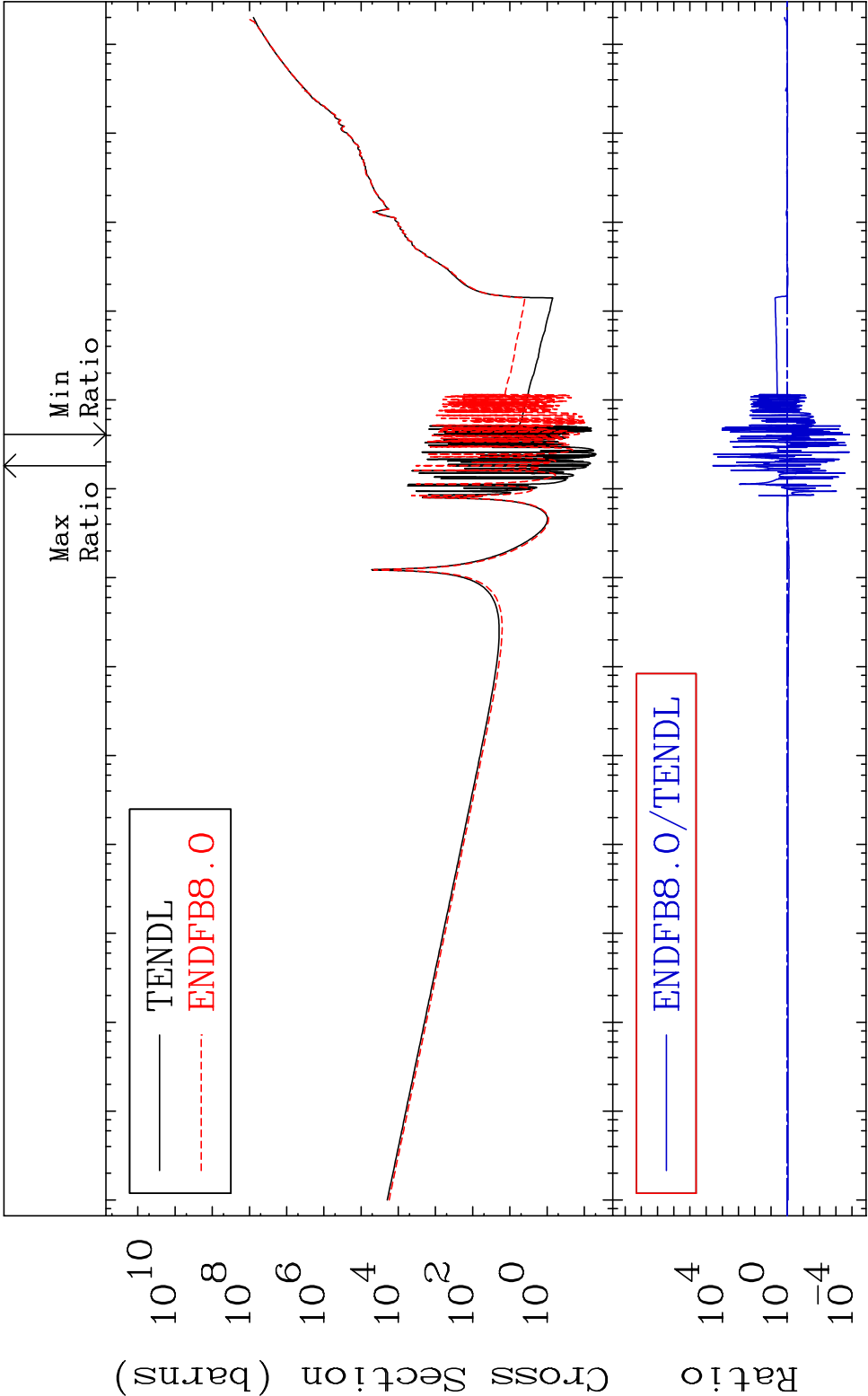
Cross Section

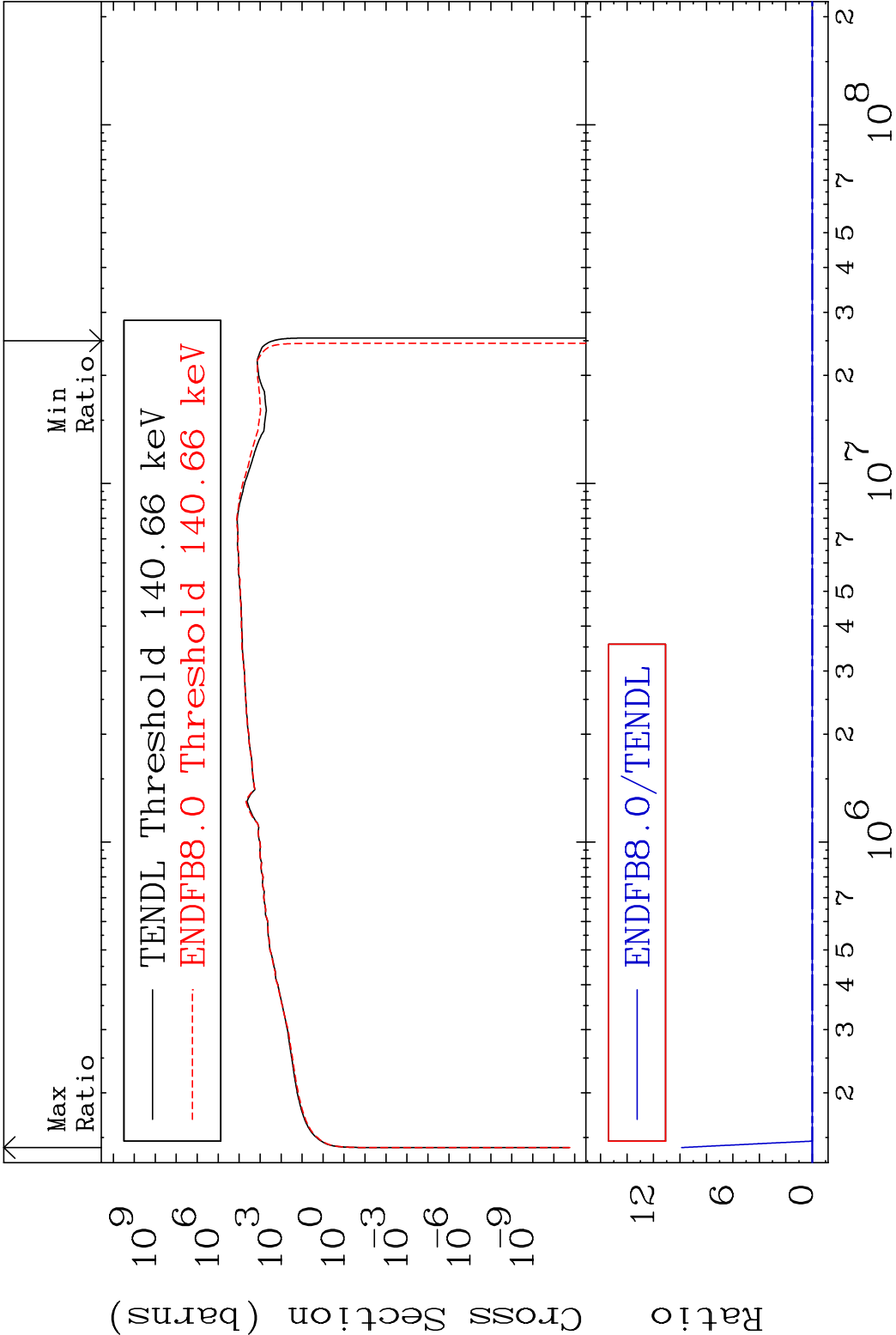
81-Tl-204

-98.90 To 2346. %

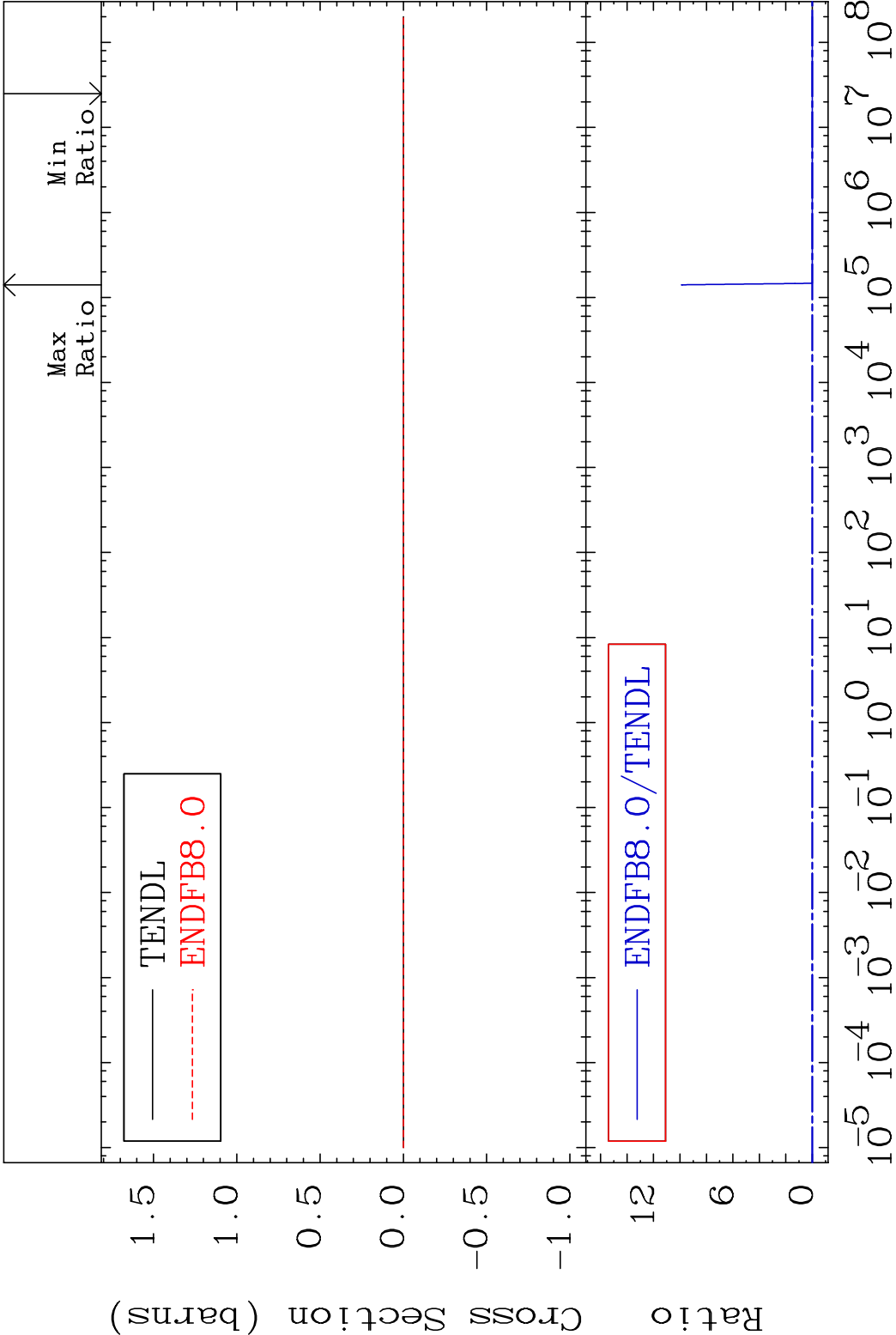


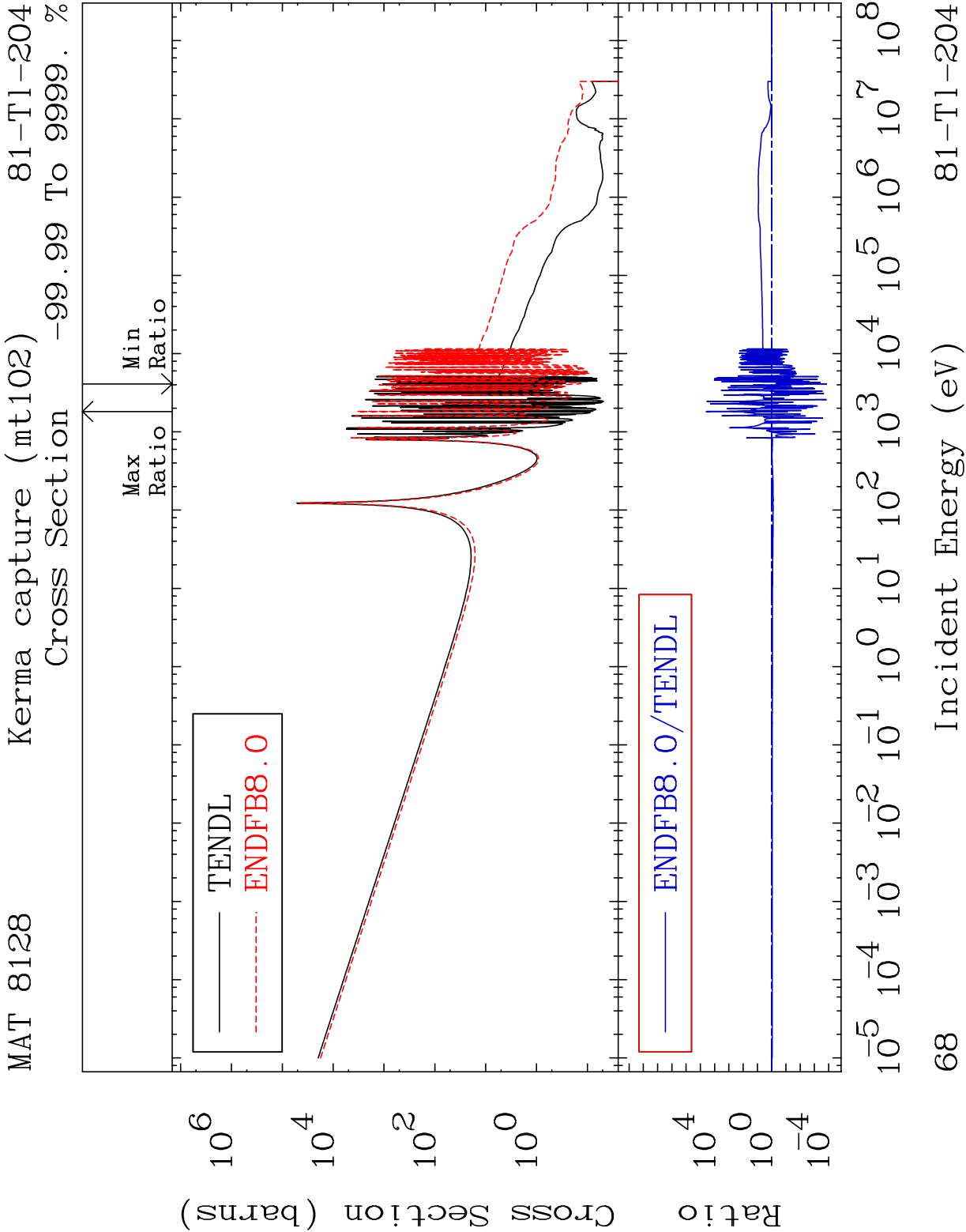
MAT 8128 Kerma non-elastic (all but mt2) 81-Tl-204
Cross Section -99.99 To 9999. %



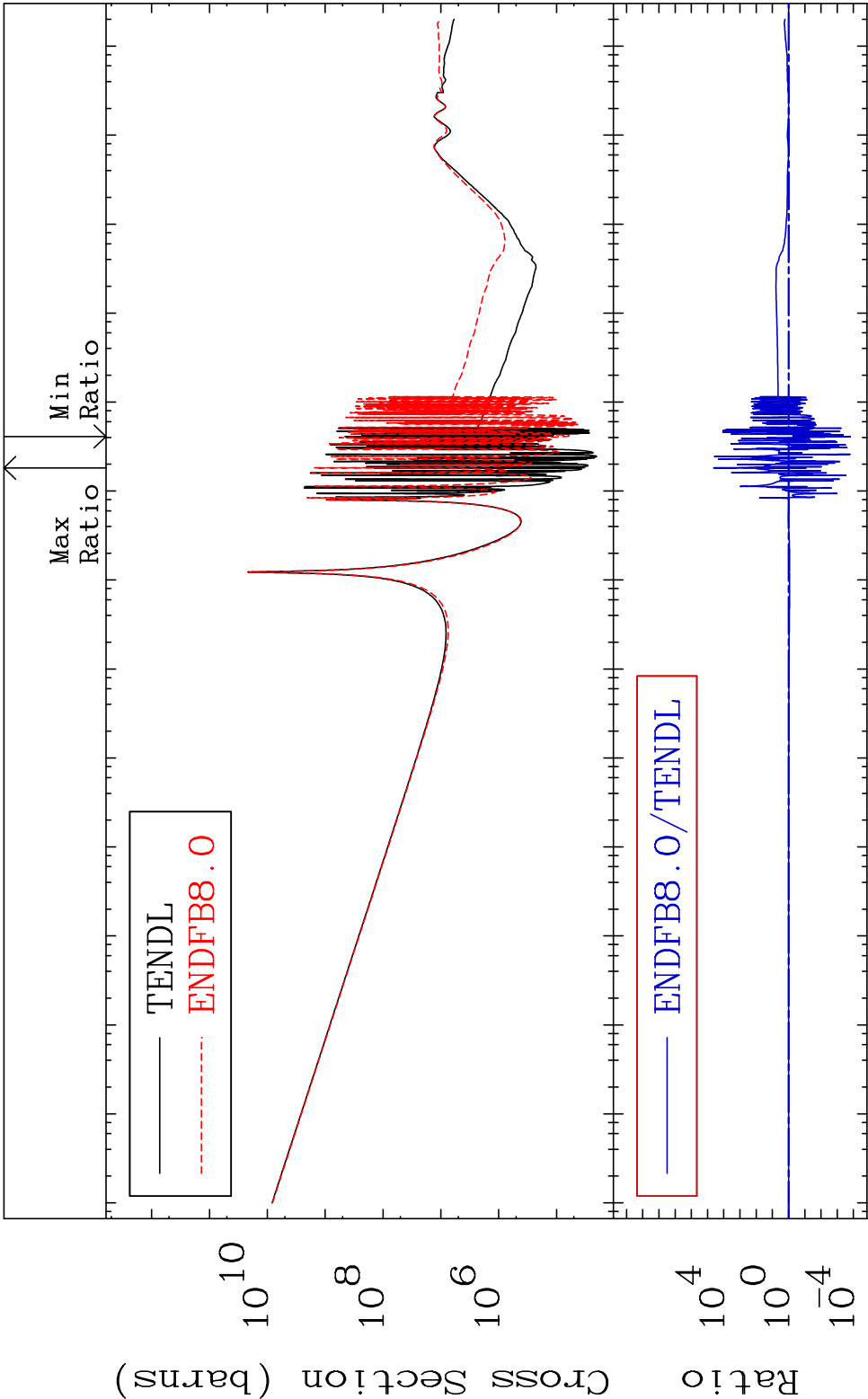


MAT 8128Kerma fission (mt18 or mt19-20-21-38)1-T1-204
Cross Section -221.3 To 9999. %

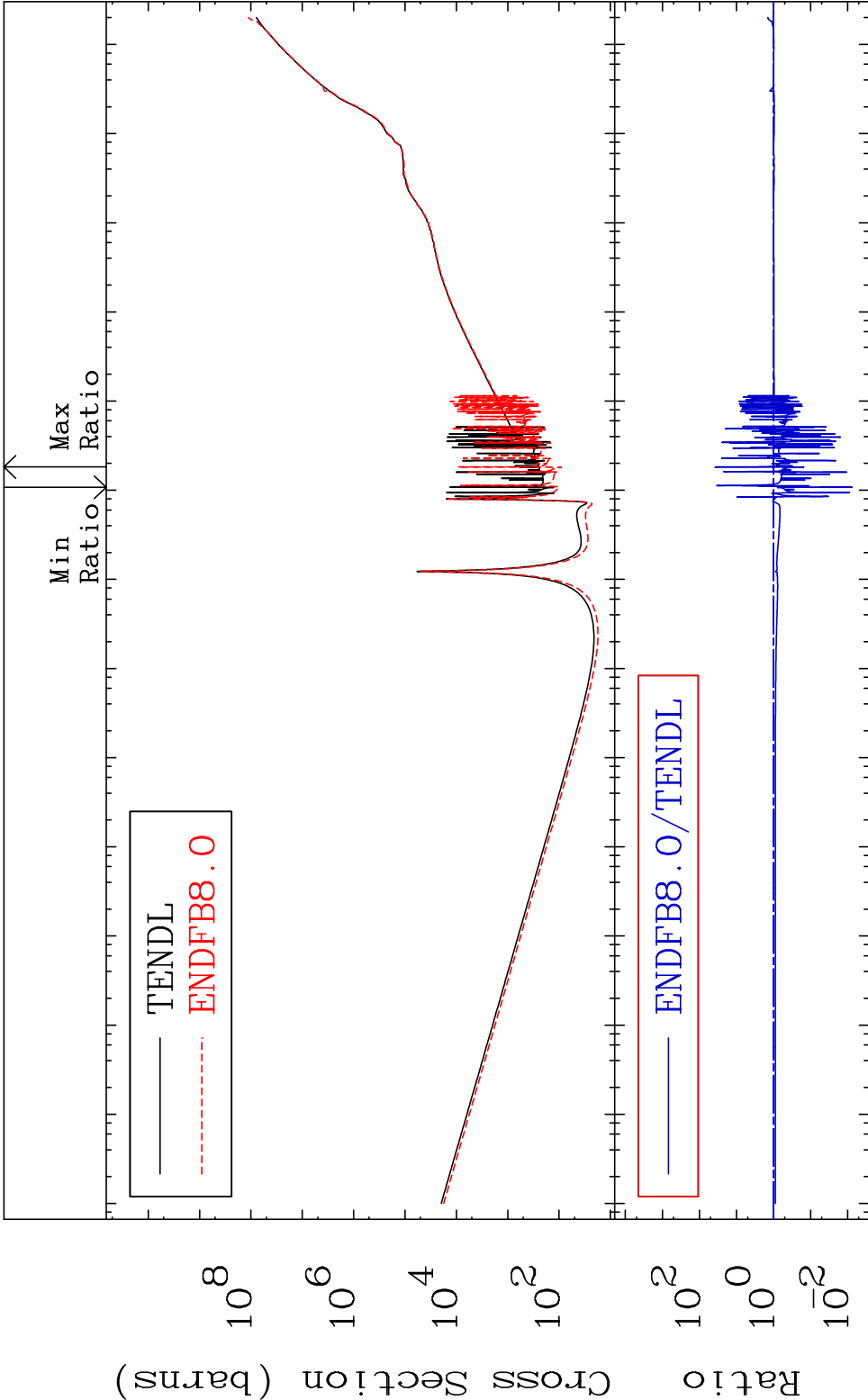




MAT 8128 Total photon (eV-barns) 81-Tl-204
Cross Section -99.98 To 9999. %

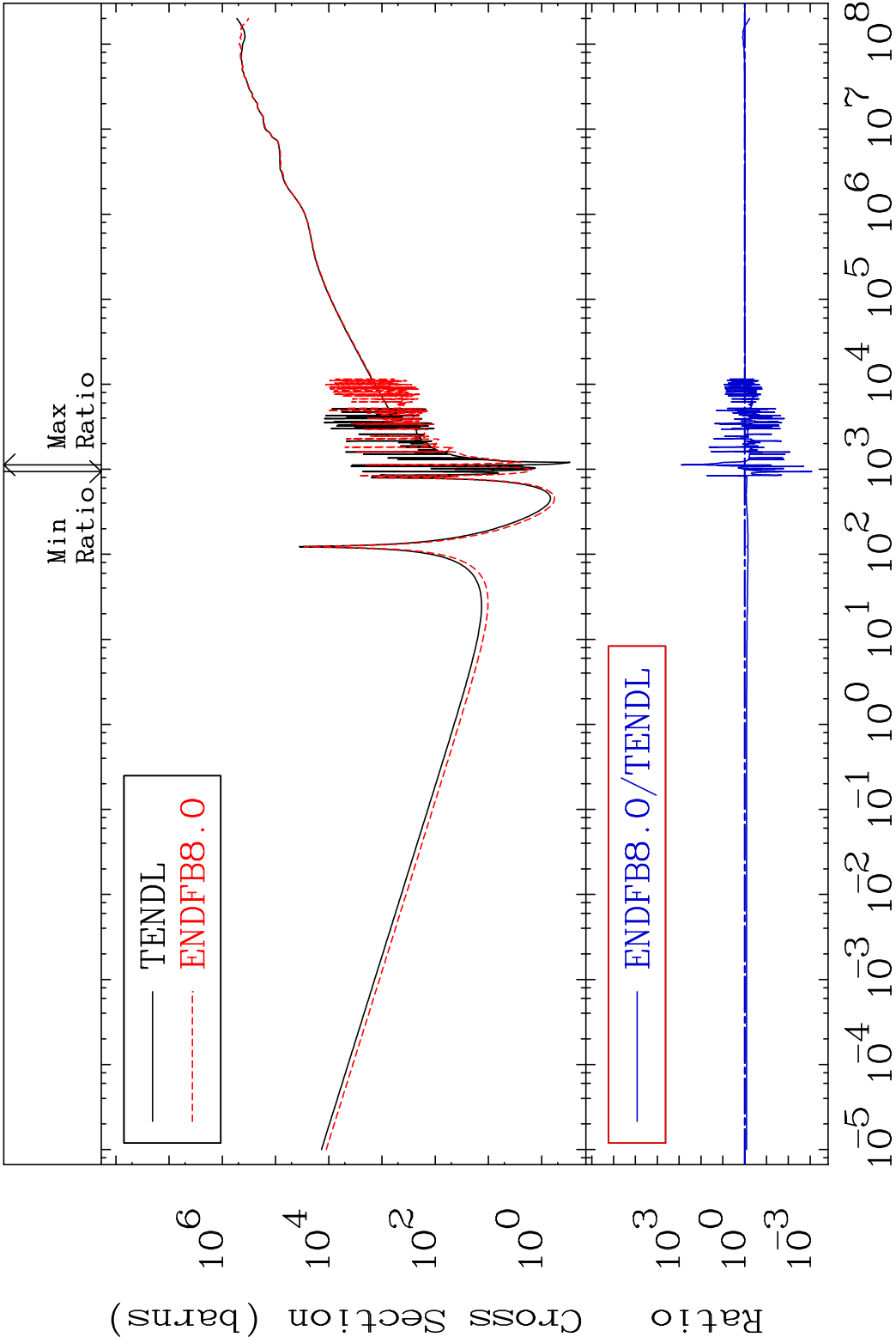


MAT 8128 Total kinematic kerma (high limit) 81-Tl-204
Cross Section -99.24 To 3694. %

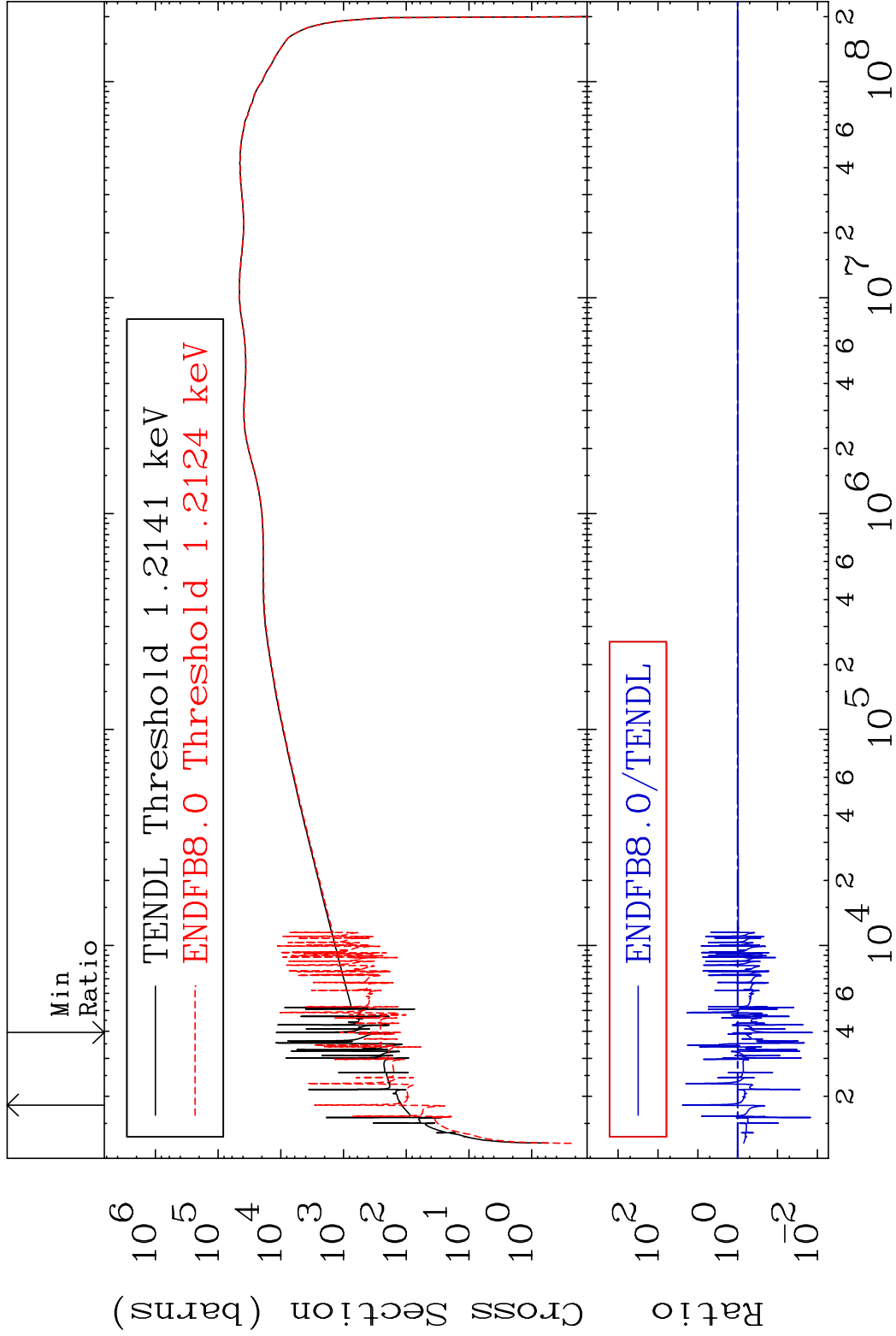


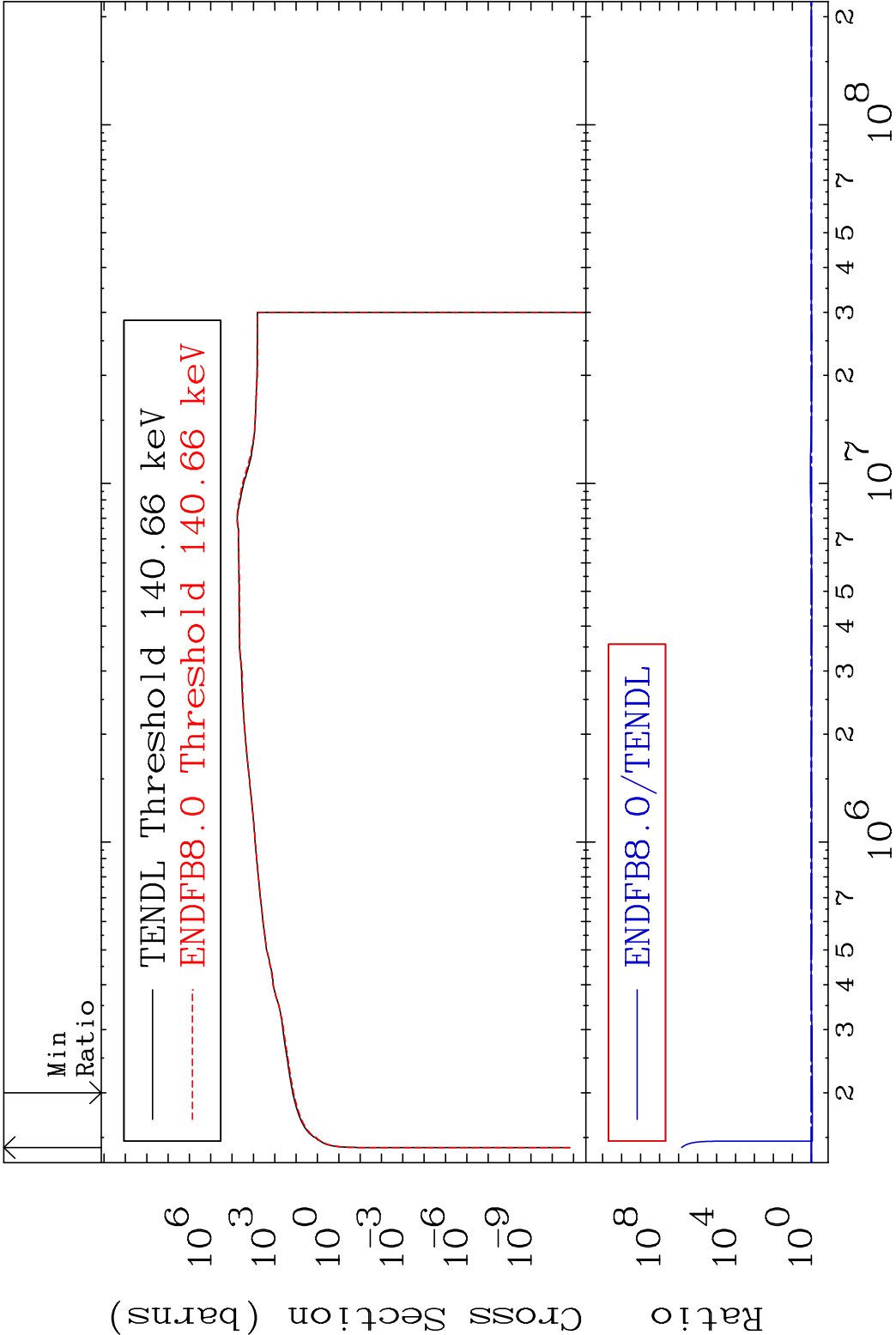
70 Incident Energy (eV) 81-Tl-204

MAT 8128	Dpa total (eV-barns)	81-Tl-204
	Cross Section	-99.92 To 9999. %



MAT 8128 Dpa elastic (mt2) 81-Tl-204
 Cross Section -98.69 To 2345. %





MAT 8128 Dpa disappearance (mt102 -120) 81-T1-204
Cross Section -99.99 To 9999. %

