

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

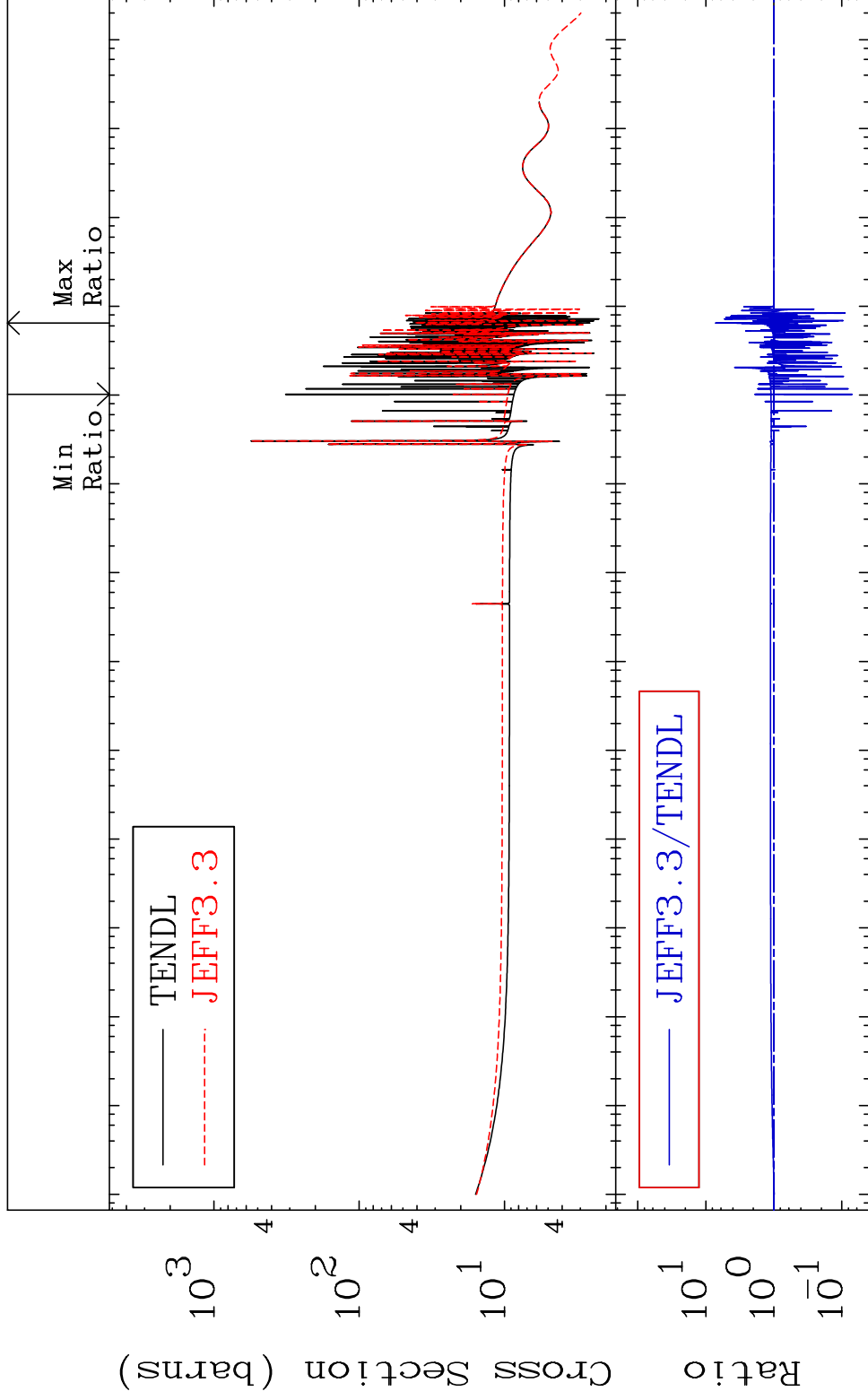
MAT 8131

Total

81-Tl-205

Cross Section

-92.97 To 615.7 %



1

Incident Energy (eV)

81-Tl-205

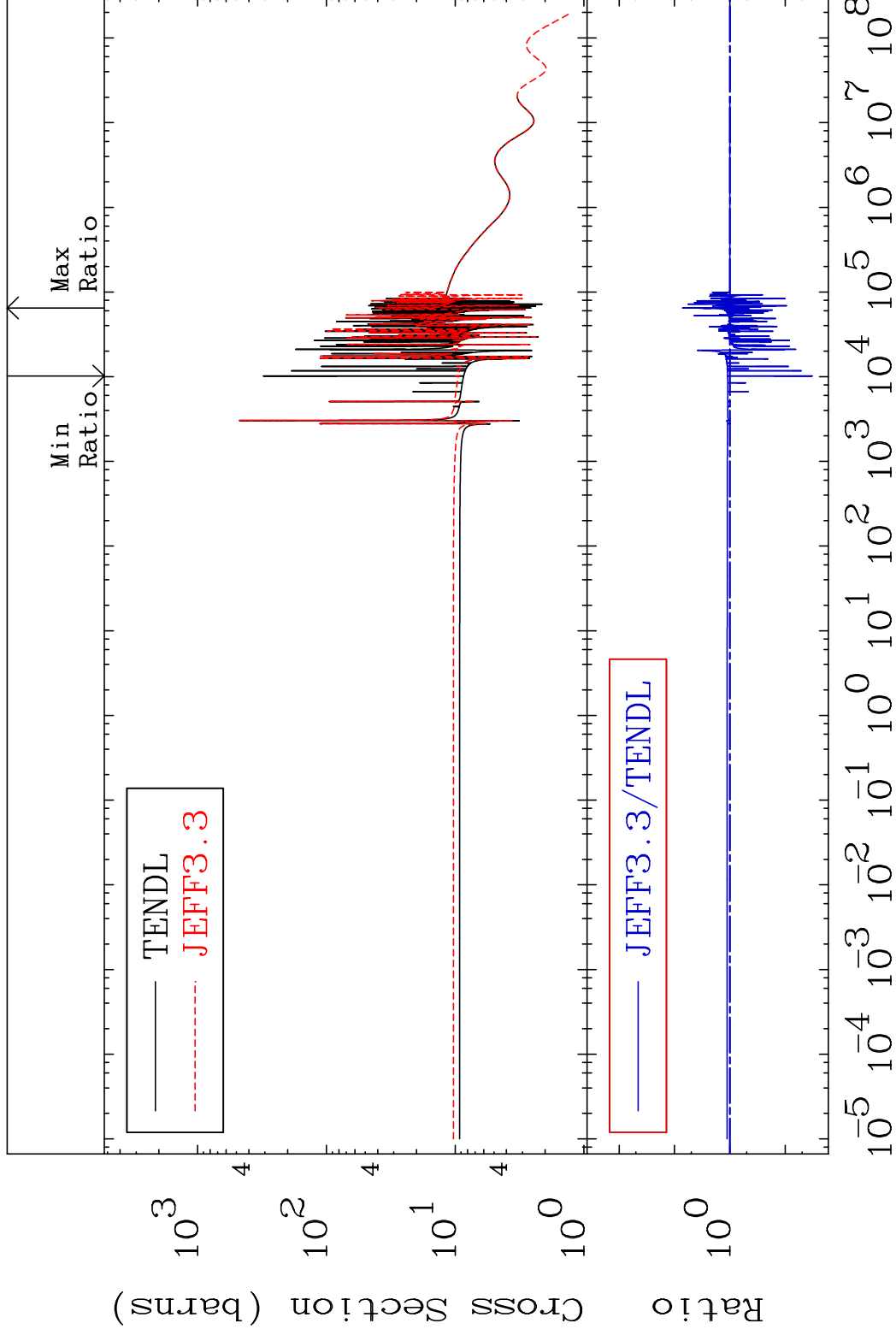
MAT 8131

Elastic

81-Tl-205

Cross Section

-96.77 To 621.9 %



2

Incident Energy (eV)

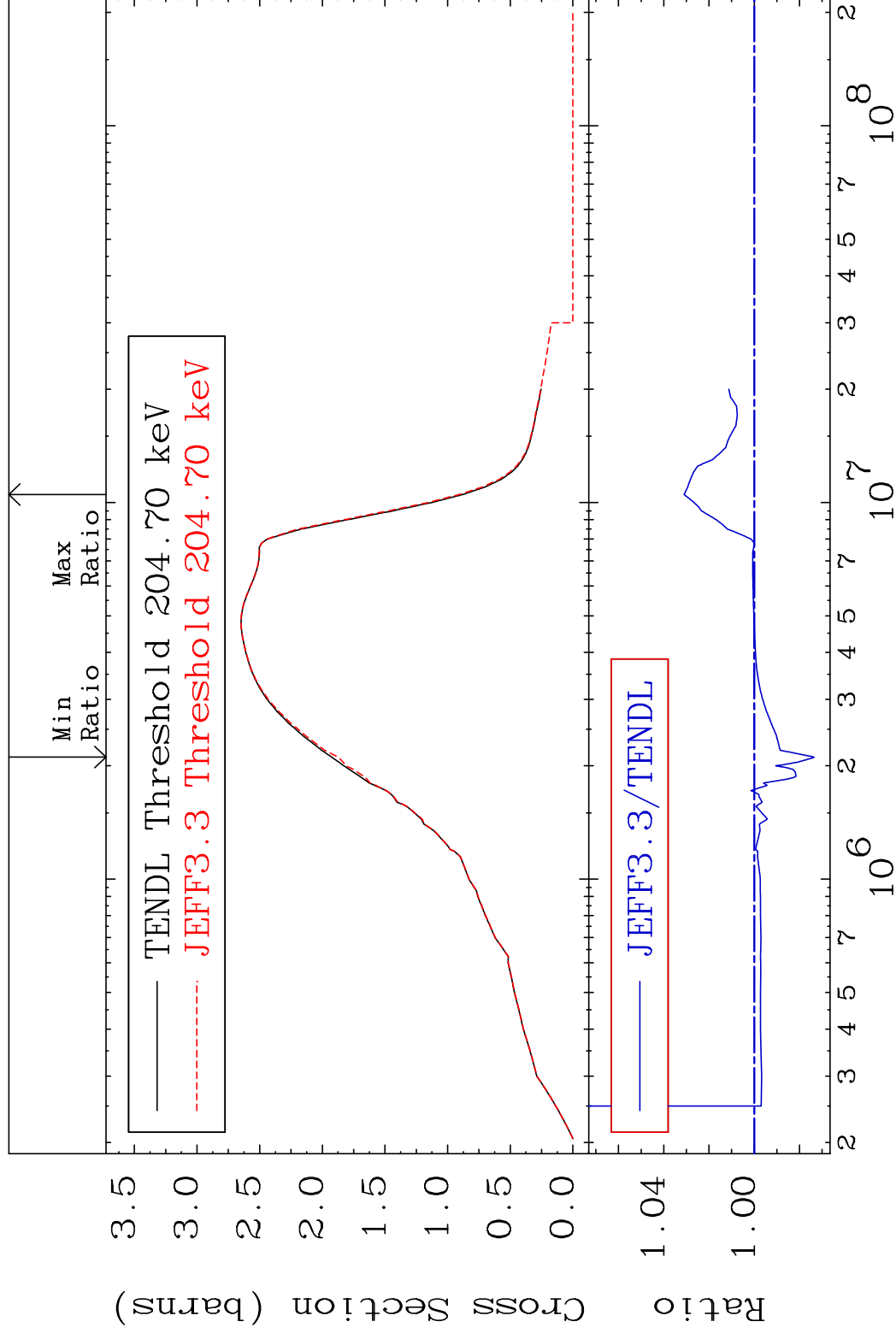
81-Tl-205

MAT 8131

Inelastic

81-T1-205

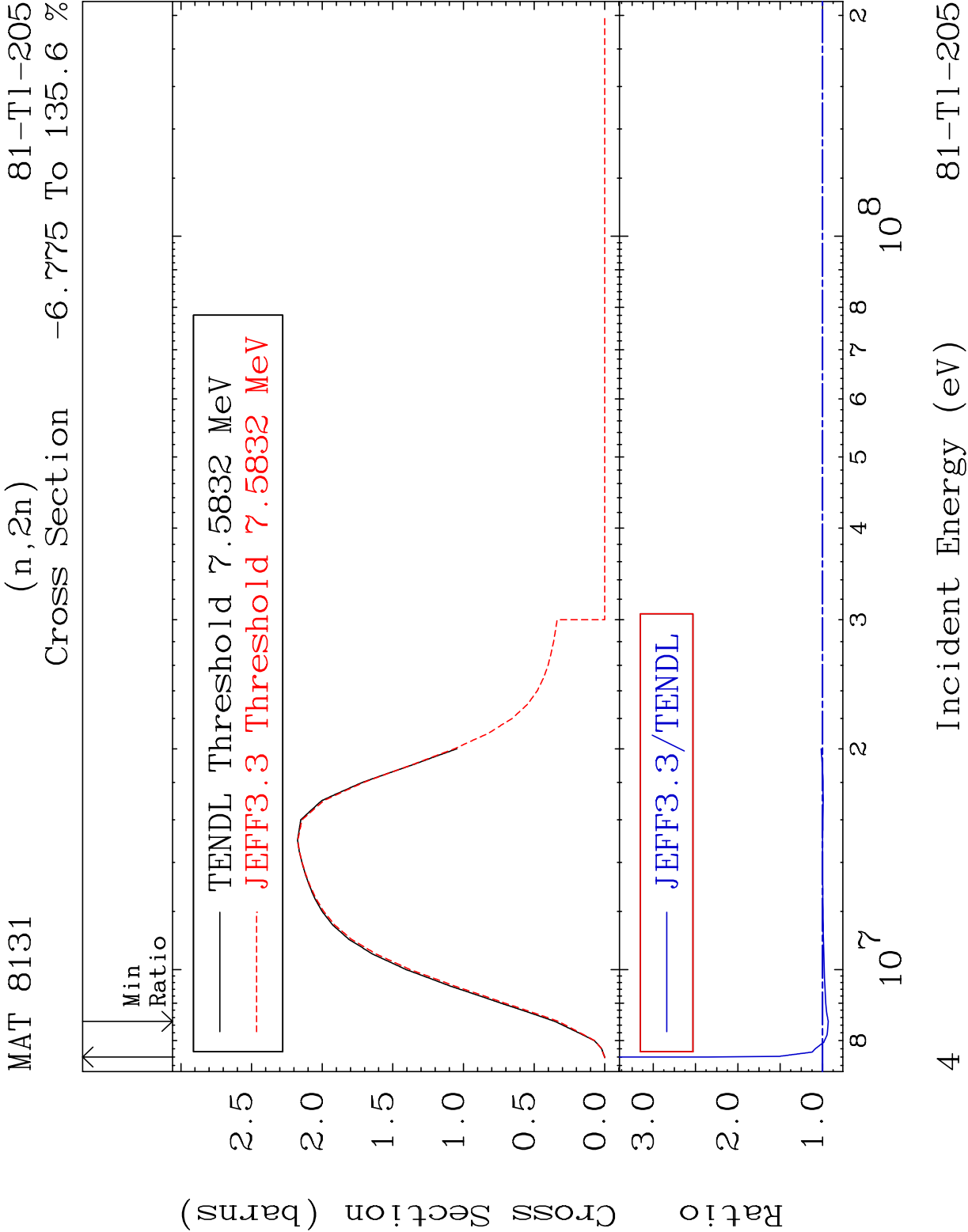
Cross Section -2.651 To 3.102 %

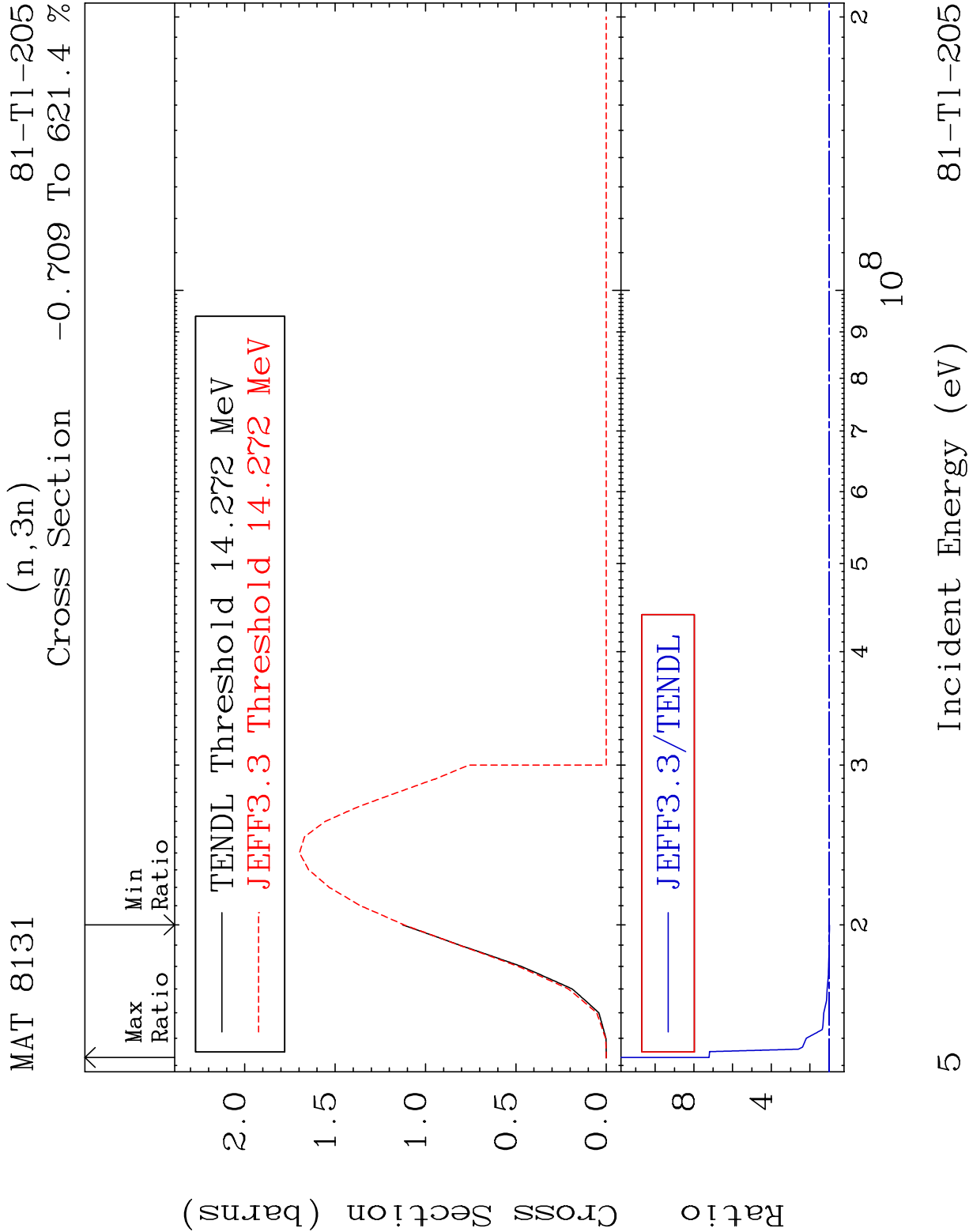


3

Incident Energy (eV)

81-T1-205



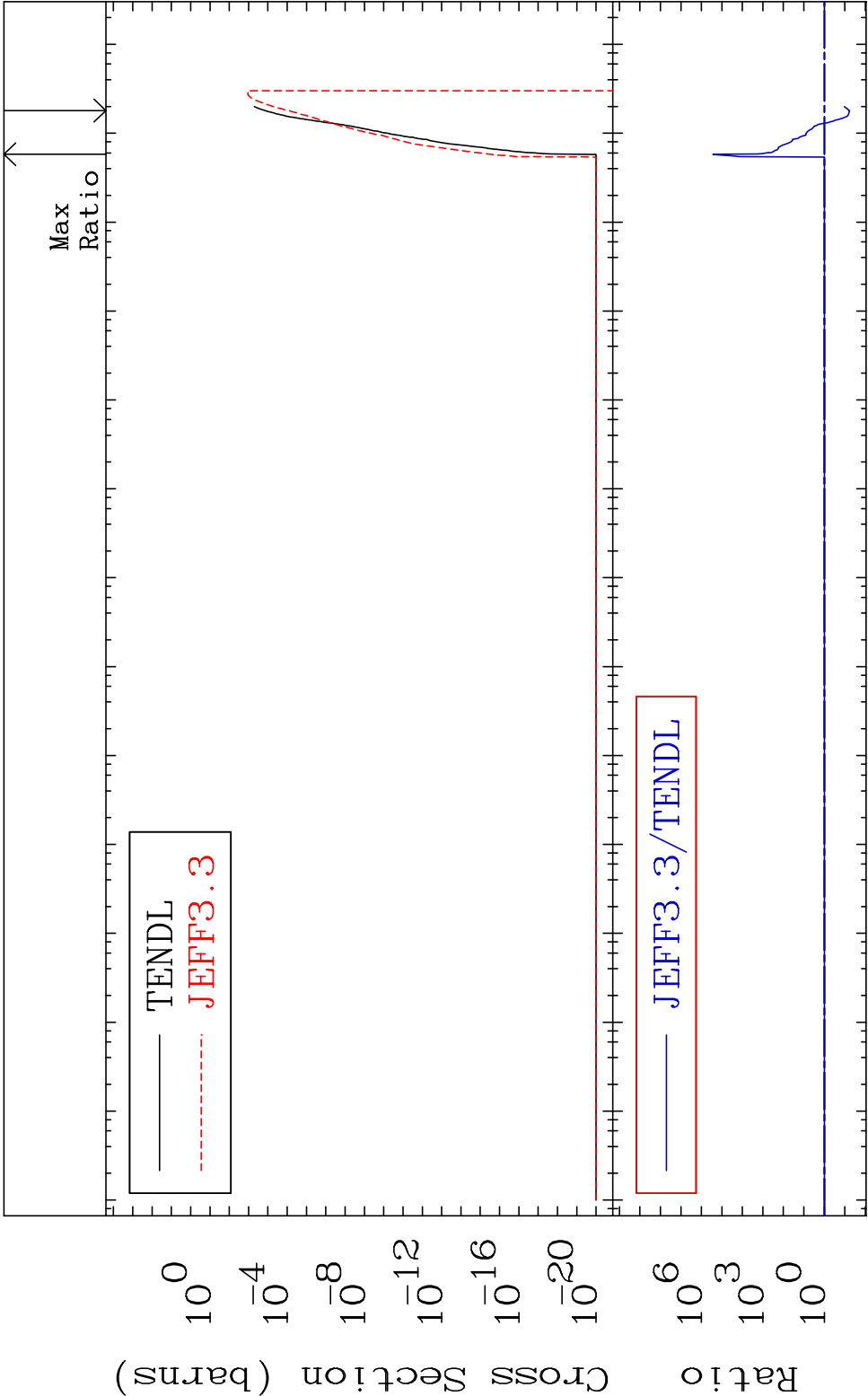


MAT 8131

(n,n') α

81-Tl-205

Cross Section -94.10 To 9999. %

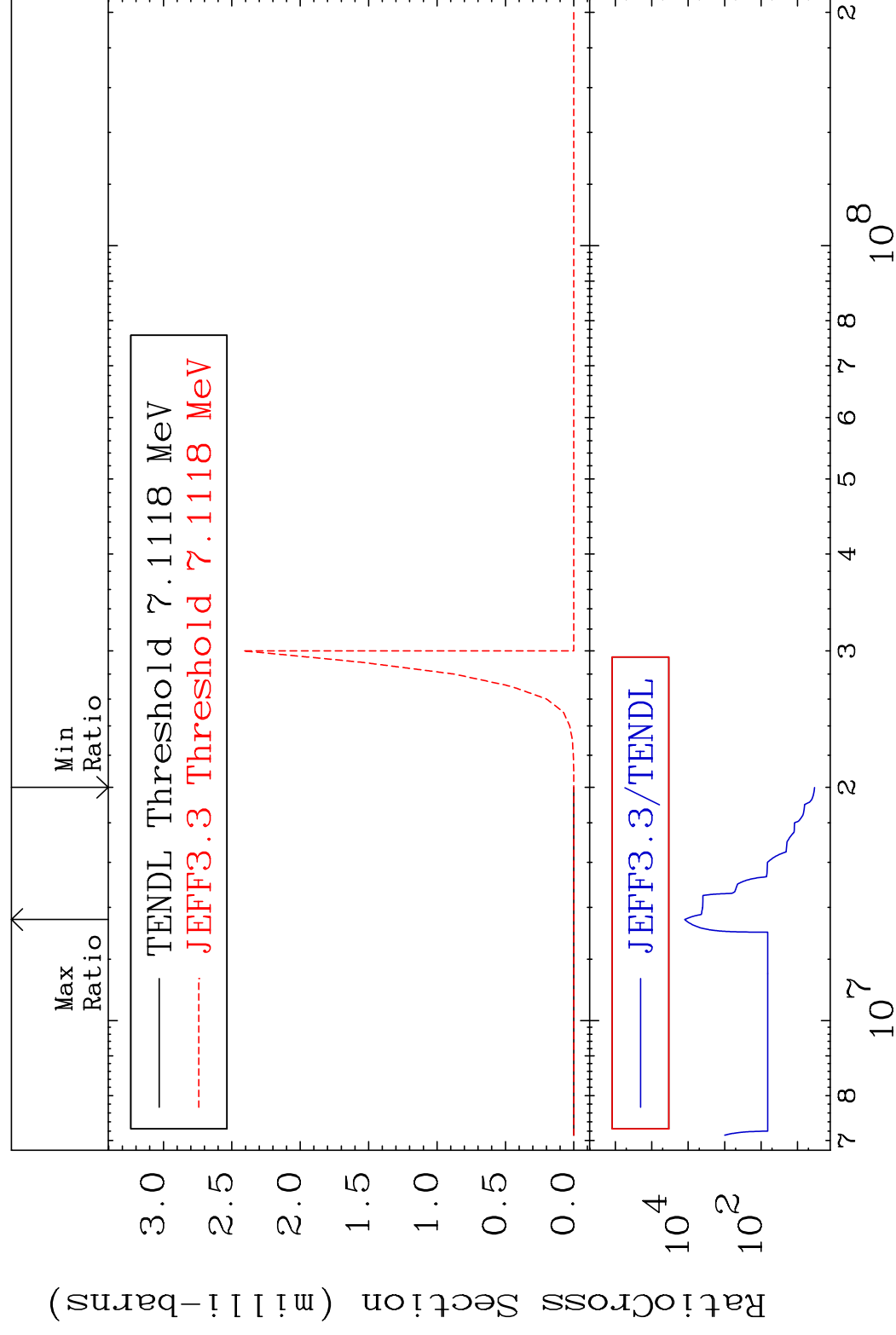


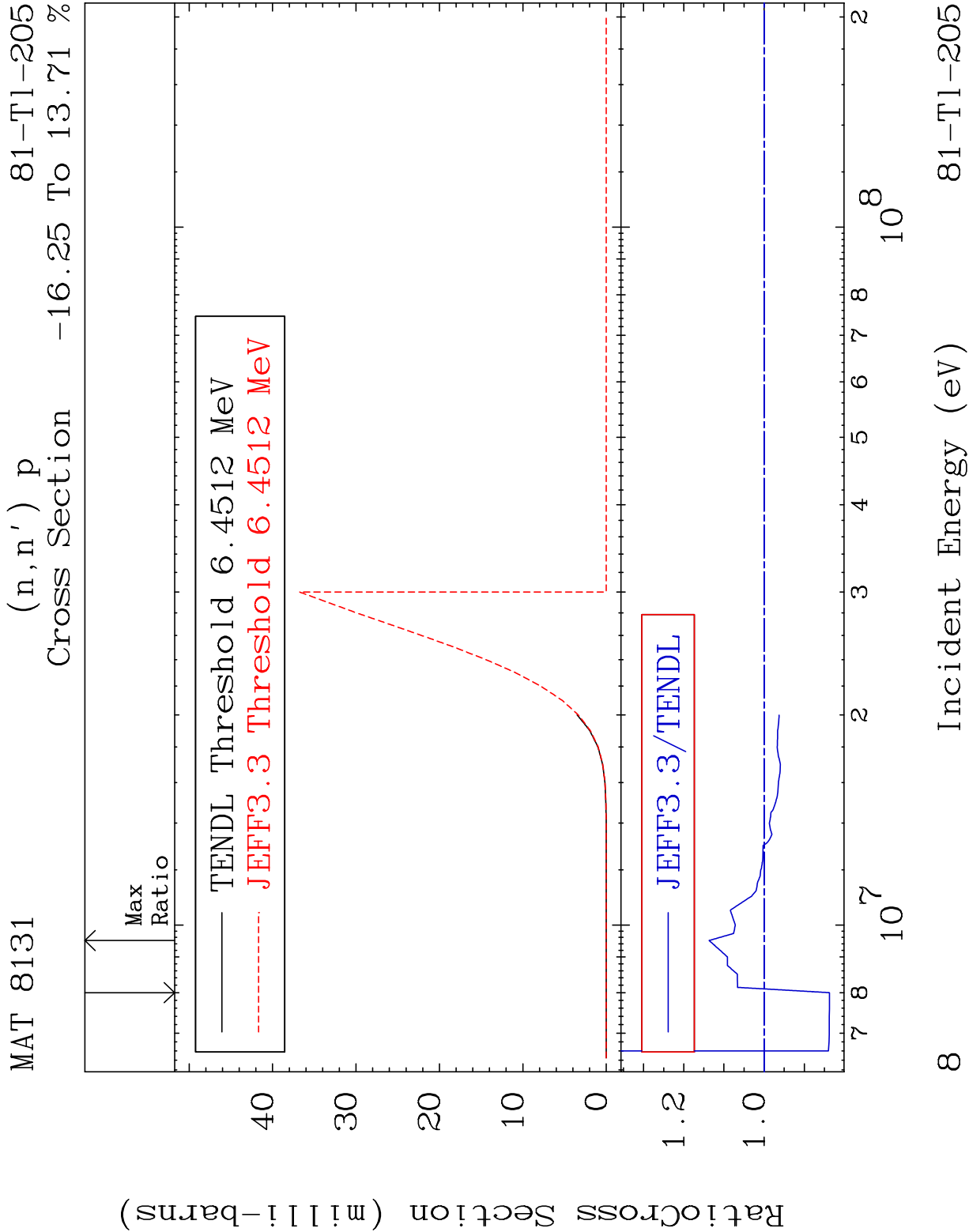
MAT 8131

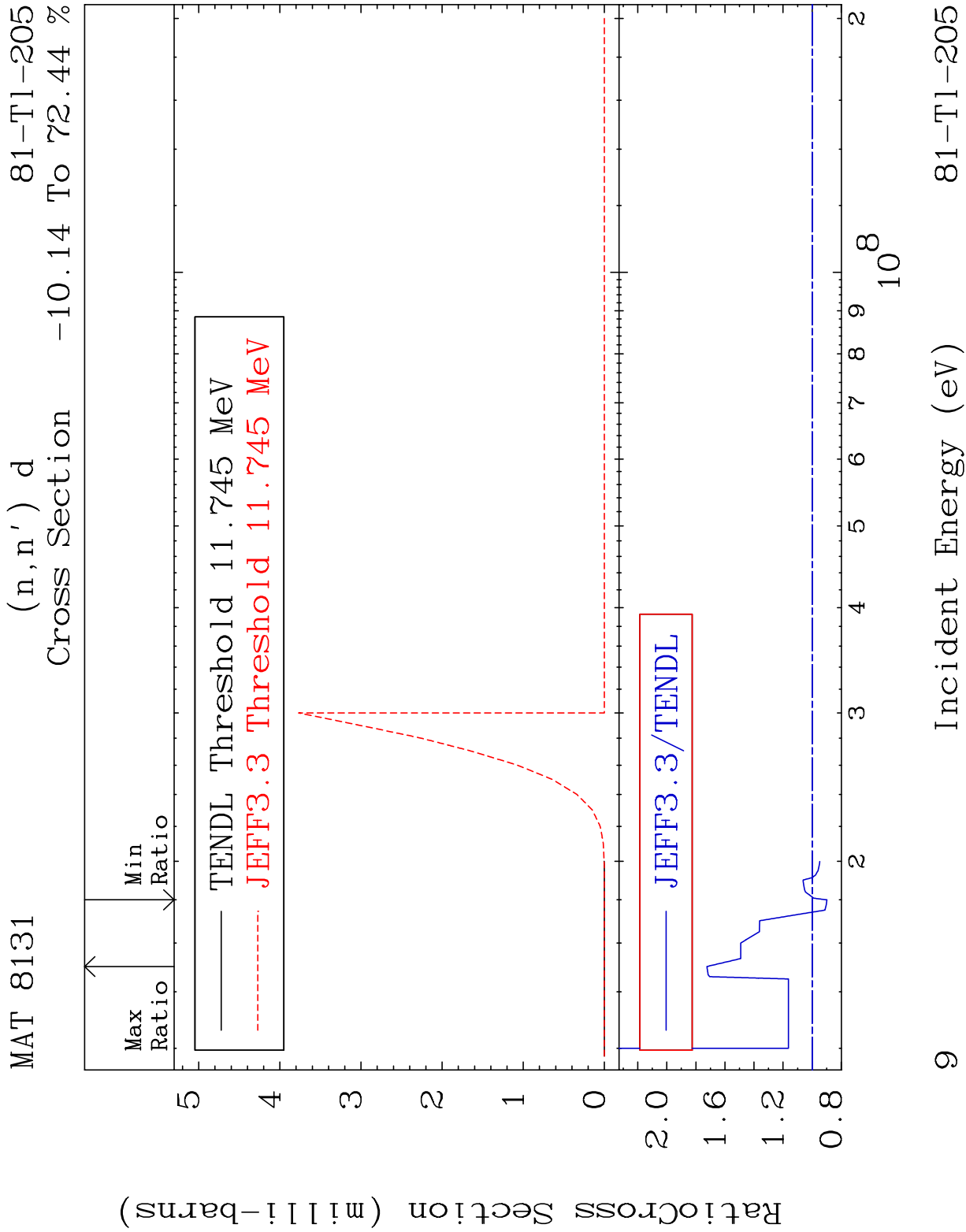
$$(n, 2n) \propto$$

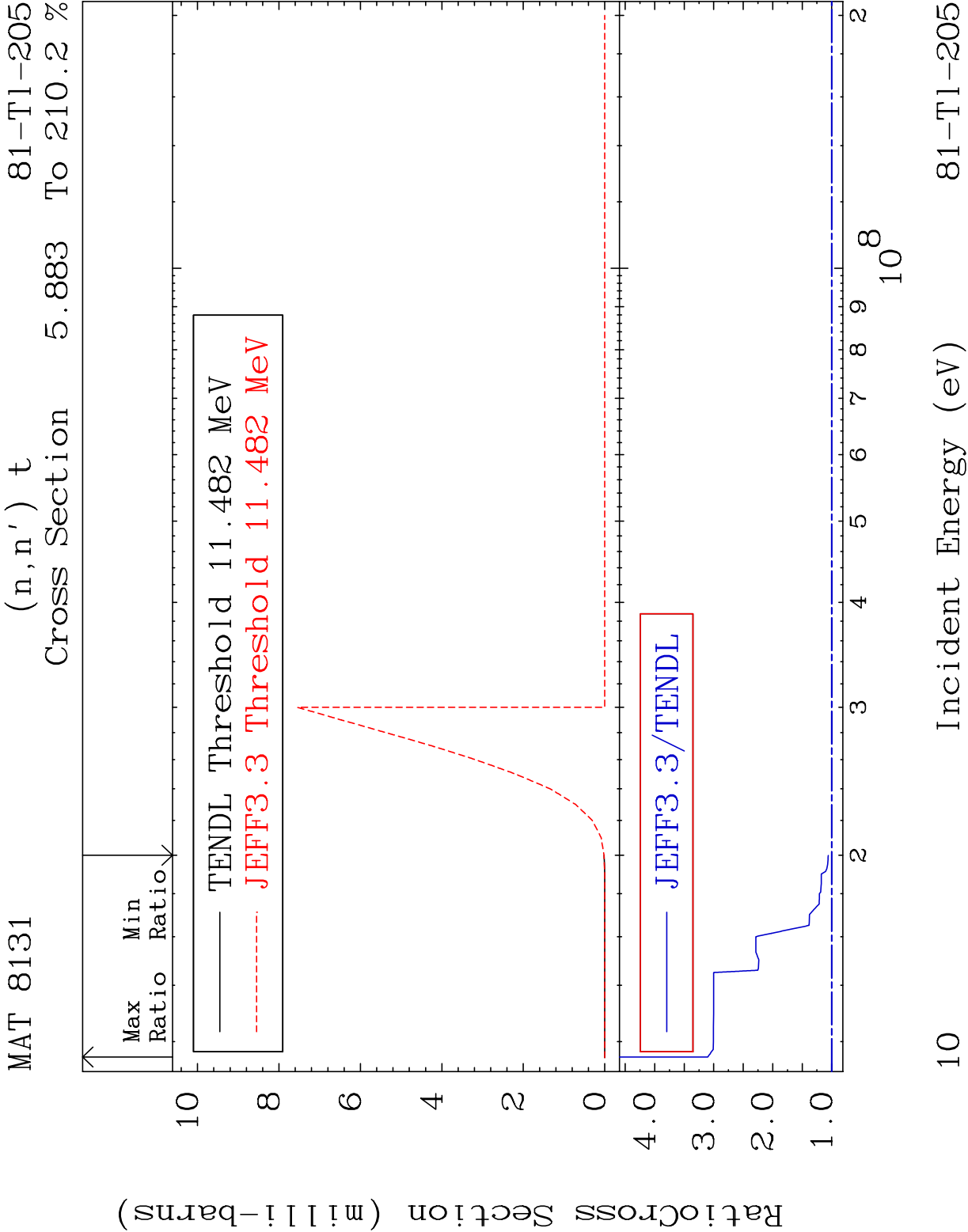
81-T1-205

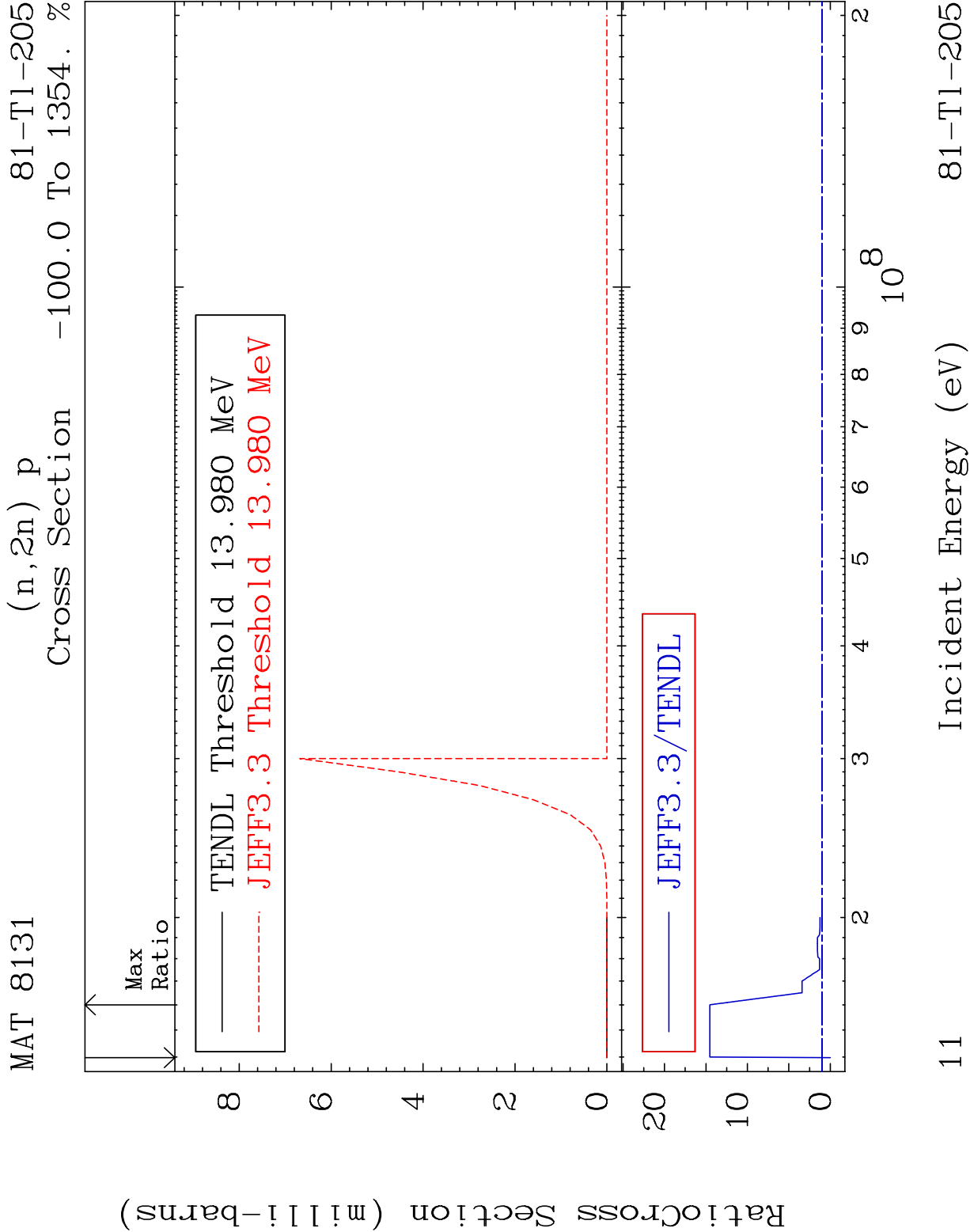
Cross Section 242.8 To 9999. %

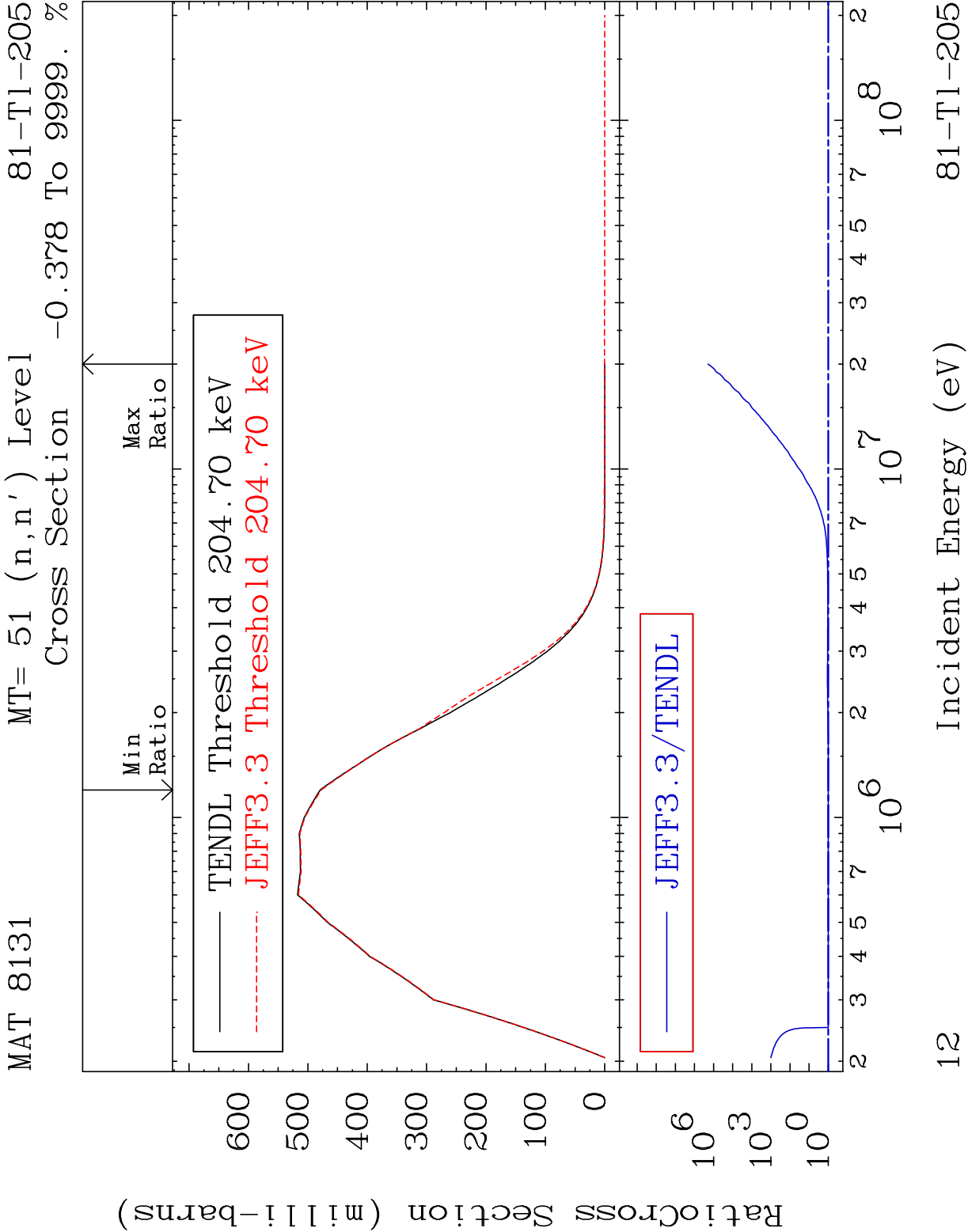




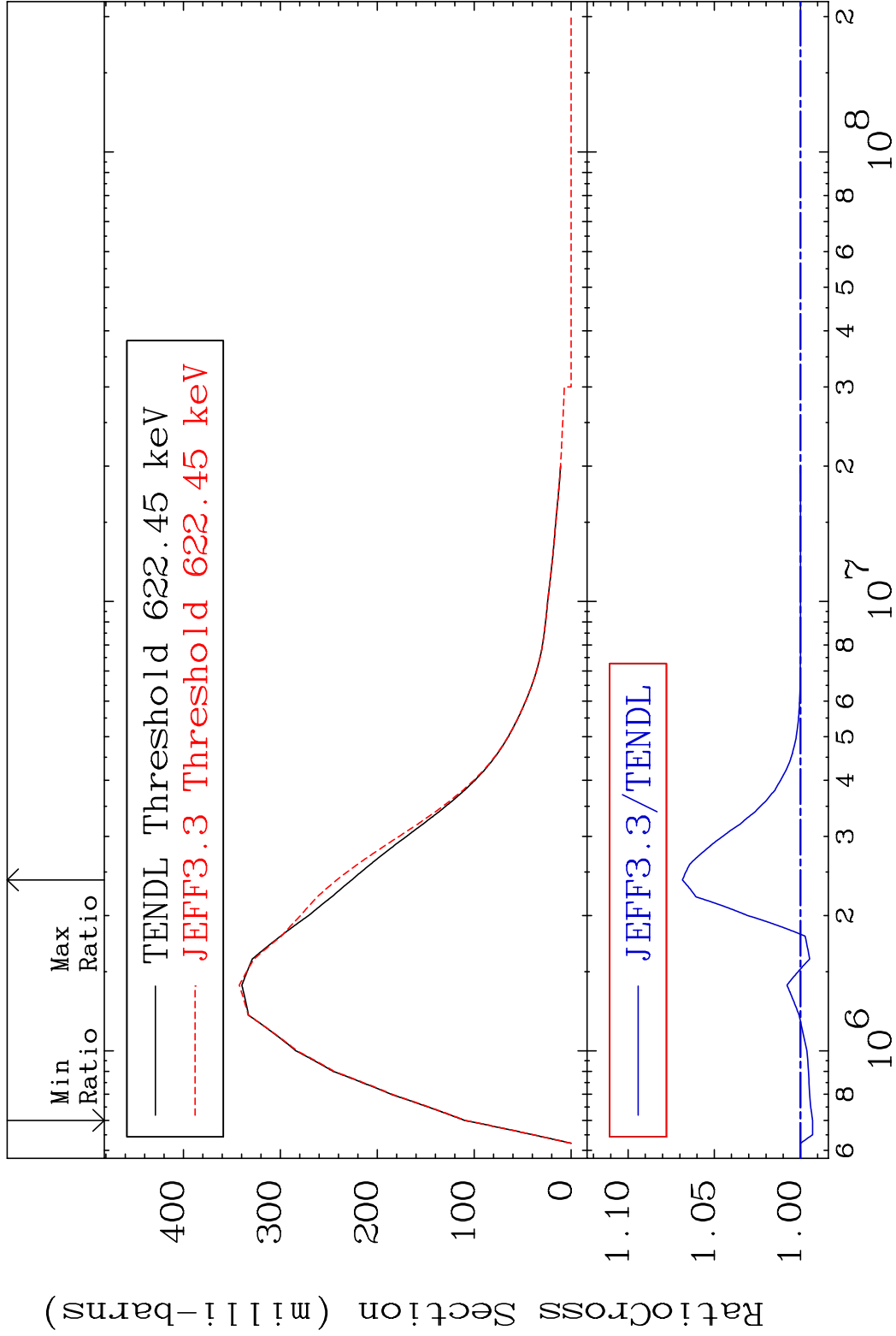








MAT 8131 MT= 52 (n,n') Level 81-Tl-205
Cross Section -0.700 To 6.851 %



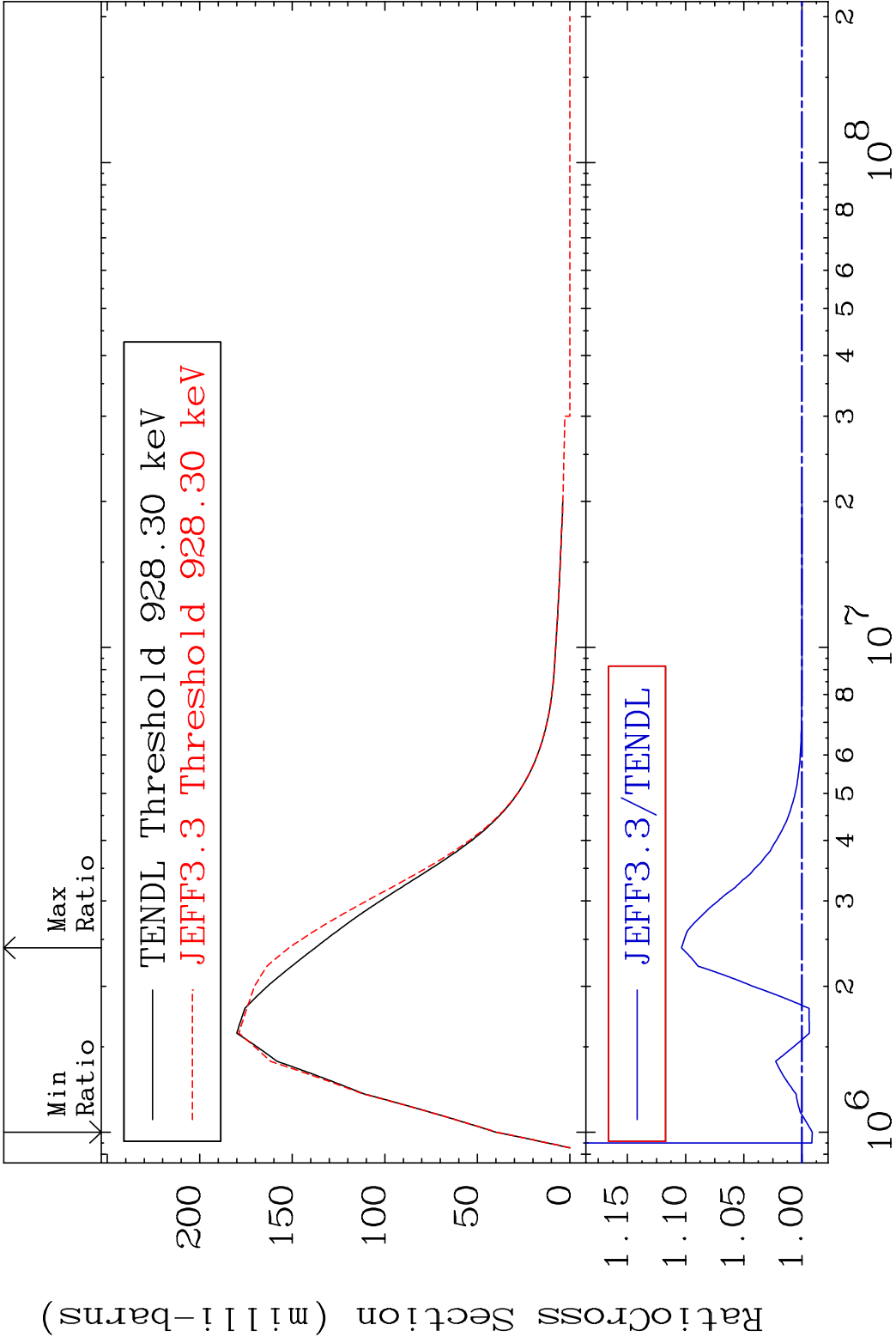
MAT 8131

MT= 53 (n,n') Level

81-Tl-205

Cross Section

-0.882 To 10.35 %

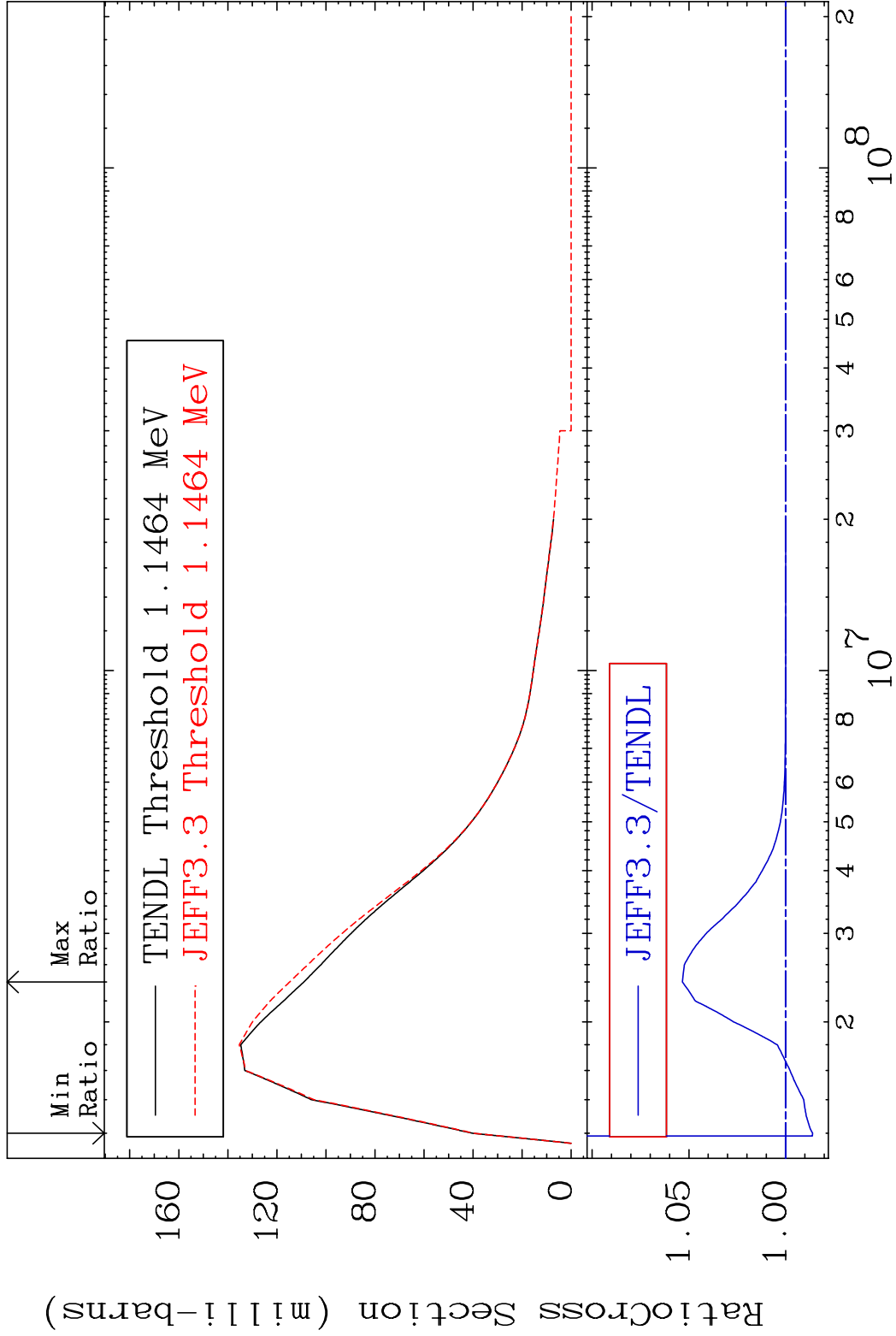


14

Incident Energy (eV)

81-Tl-205

MAT 8131 MT= 54 (n,n') Level 81-Tl-205
Cross Section -1.394 To 5.338 %



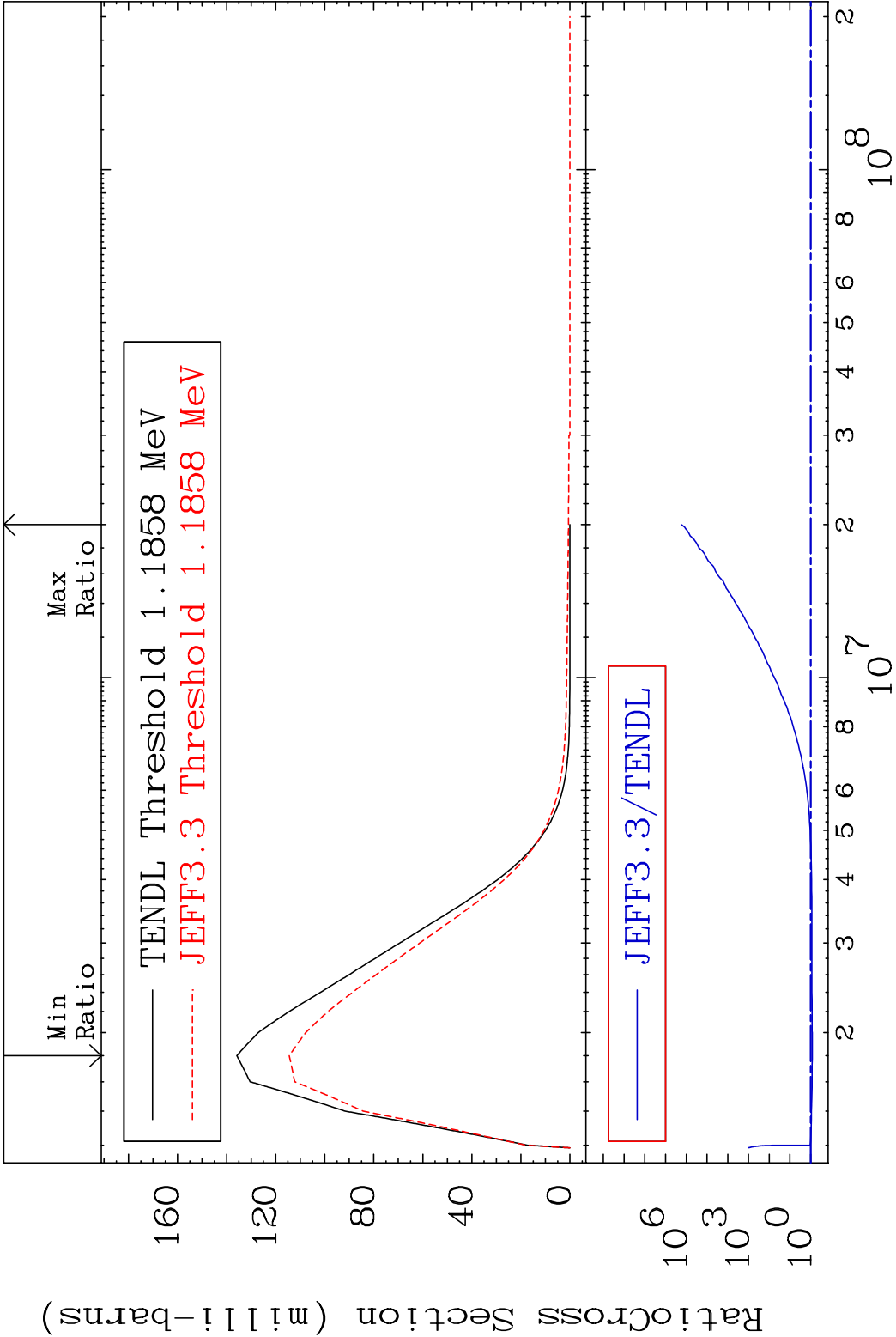
MAT 8131

MT= 55 (n,n') Level

81-Tl-205

Cross Section

-15.75 To 9999. %



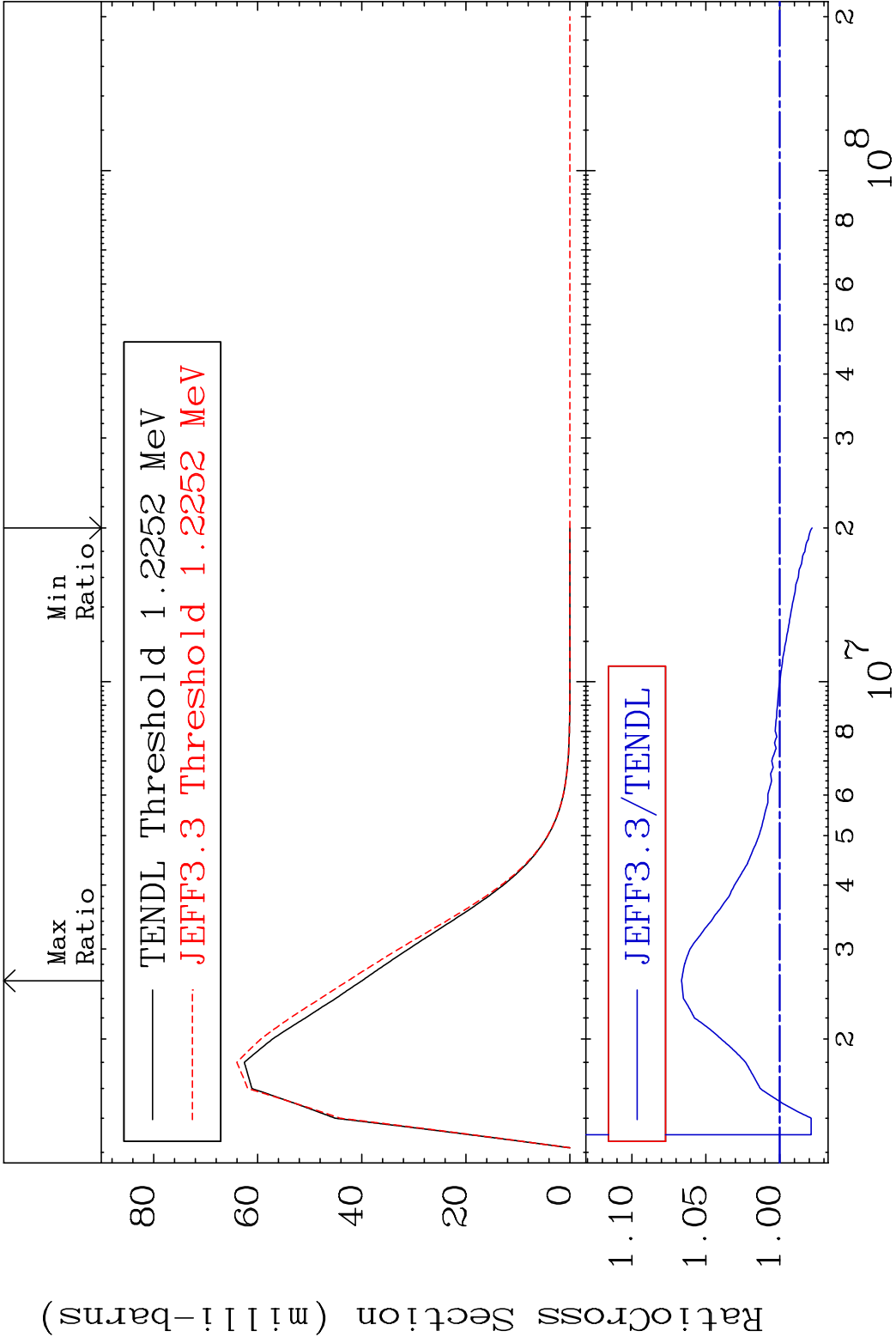
MAT 8131

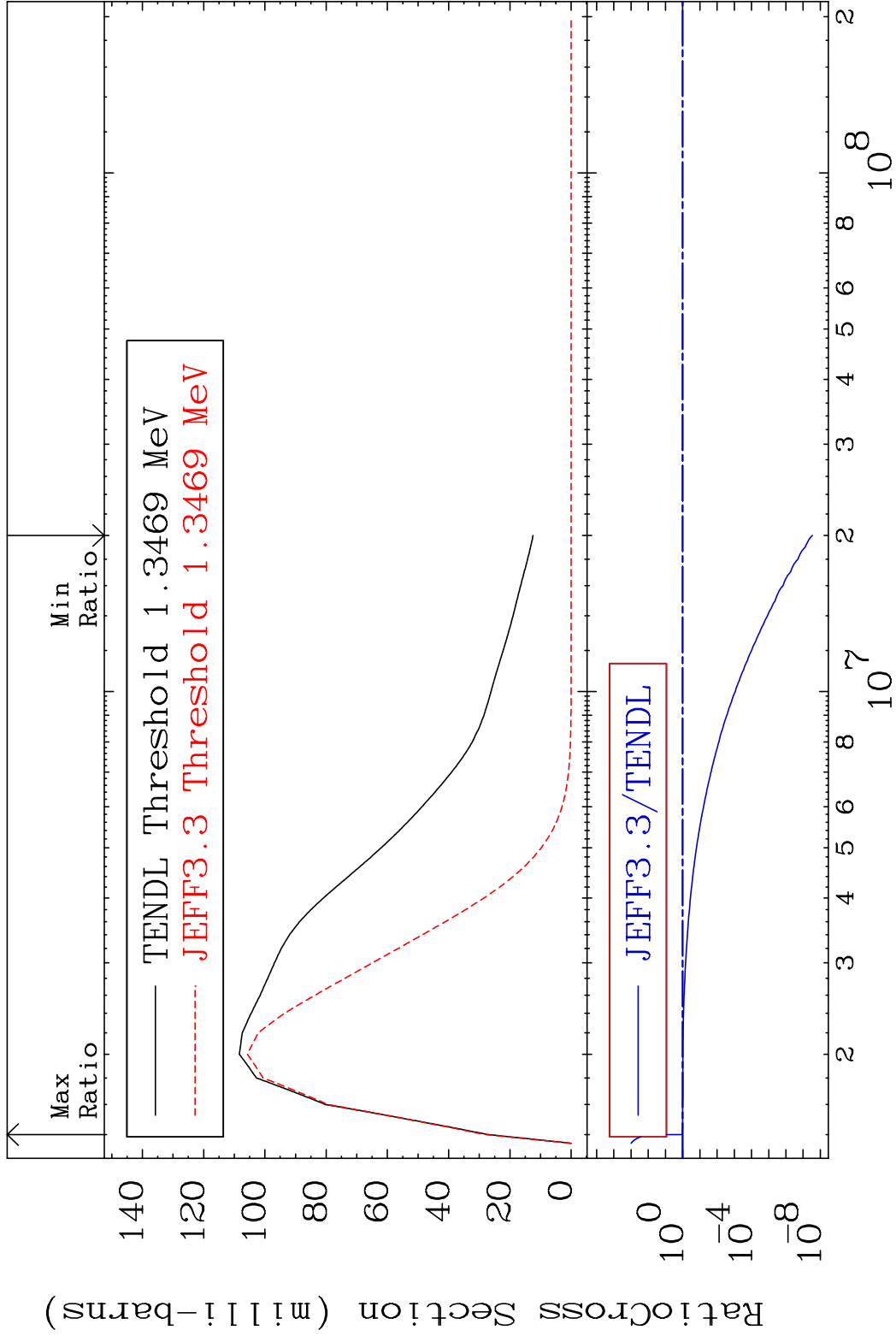
MT= 56 (n,n') Level

81-Tl-205

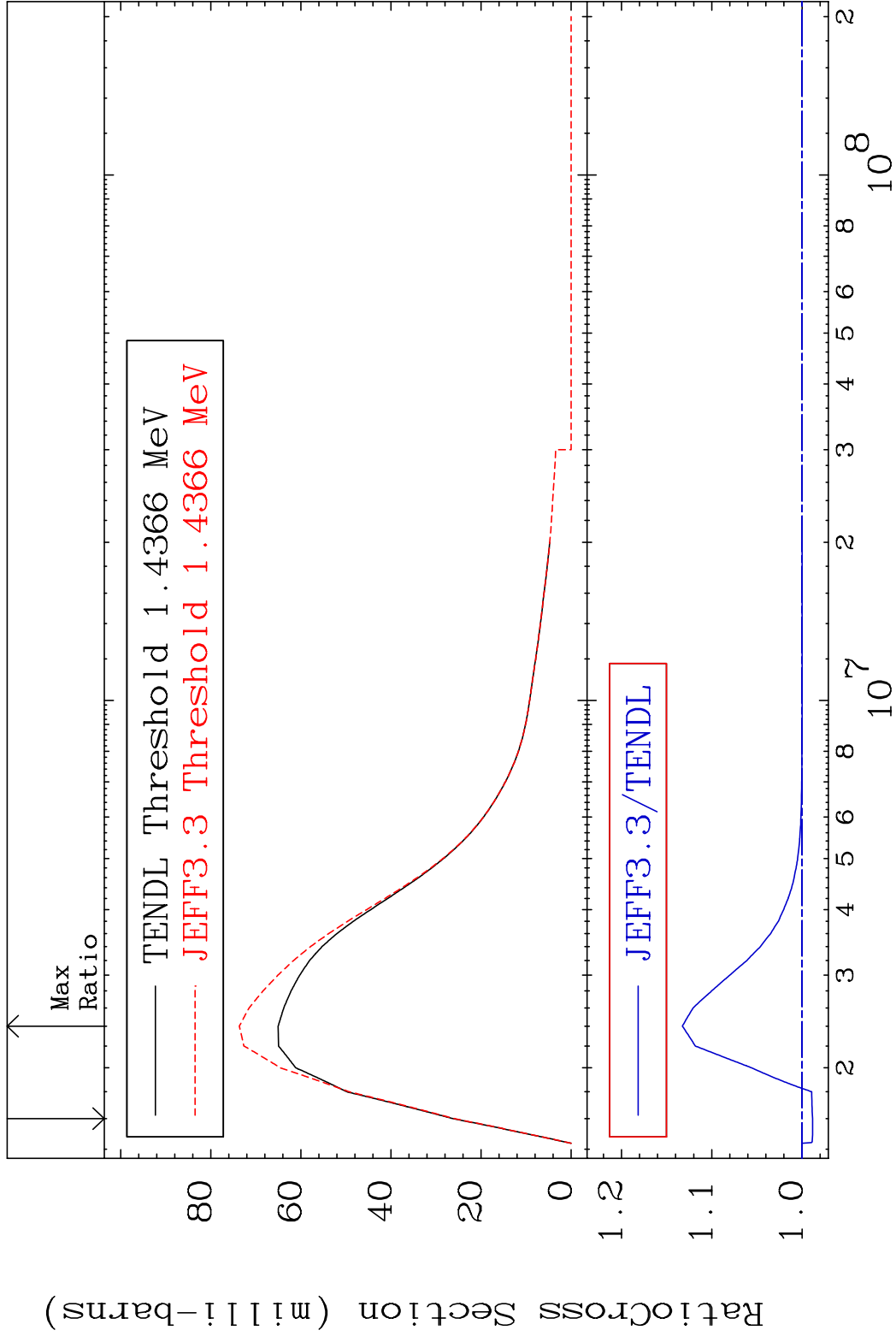
Cross Section

-2.203 To 6.638 %

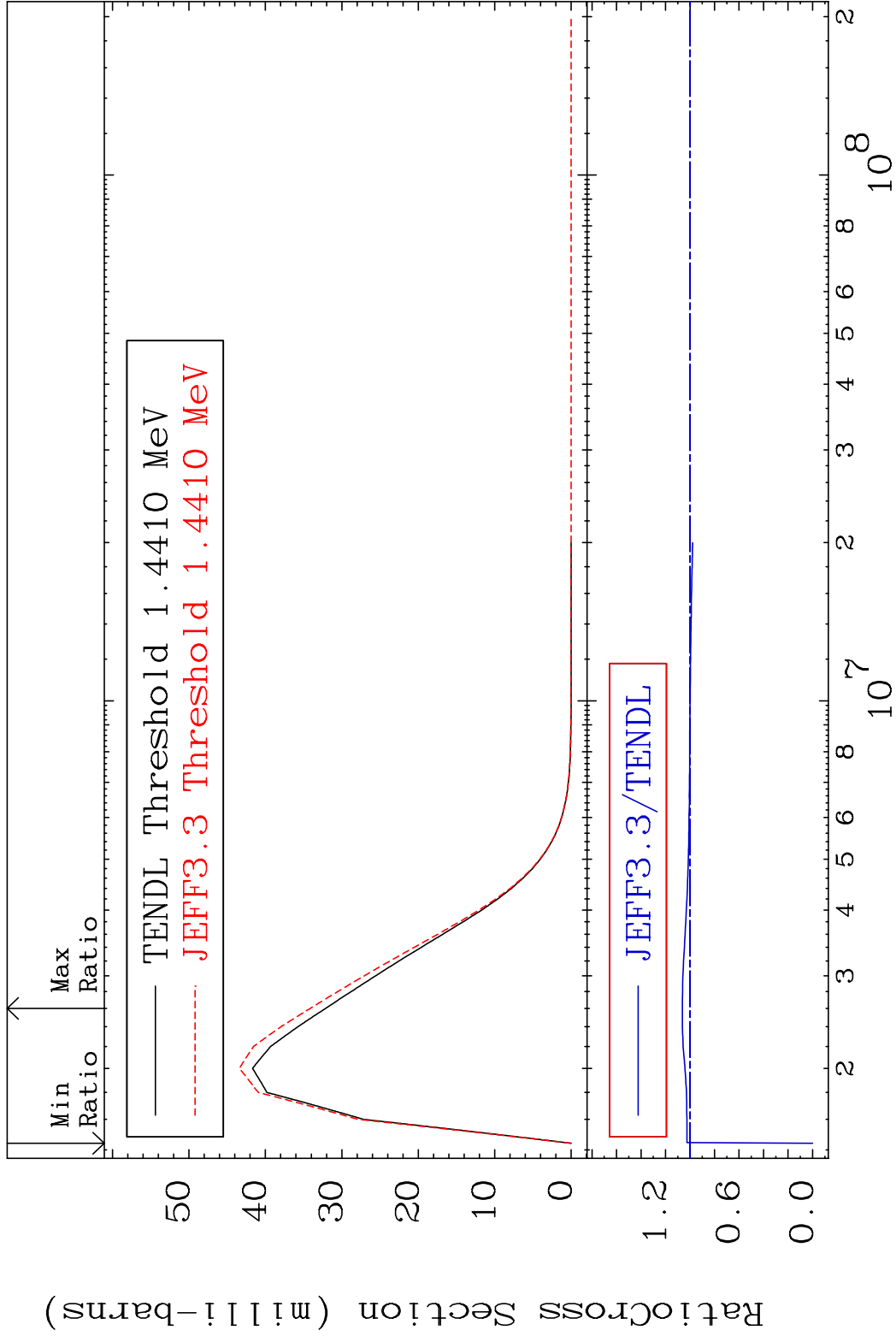




MAT 8131 MT= 58 (n,n') Level 81-Tl-205
Cross Section -1.166 To 13.26 %



MAT 8131 MT= 59 (n,n') Level 81-Tl-205
Cross Section -100.0 To 6.267 %



MAT 8131

MT= 60 (n,n')

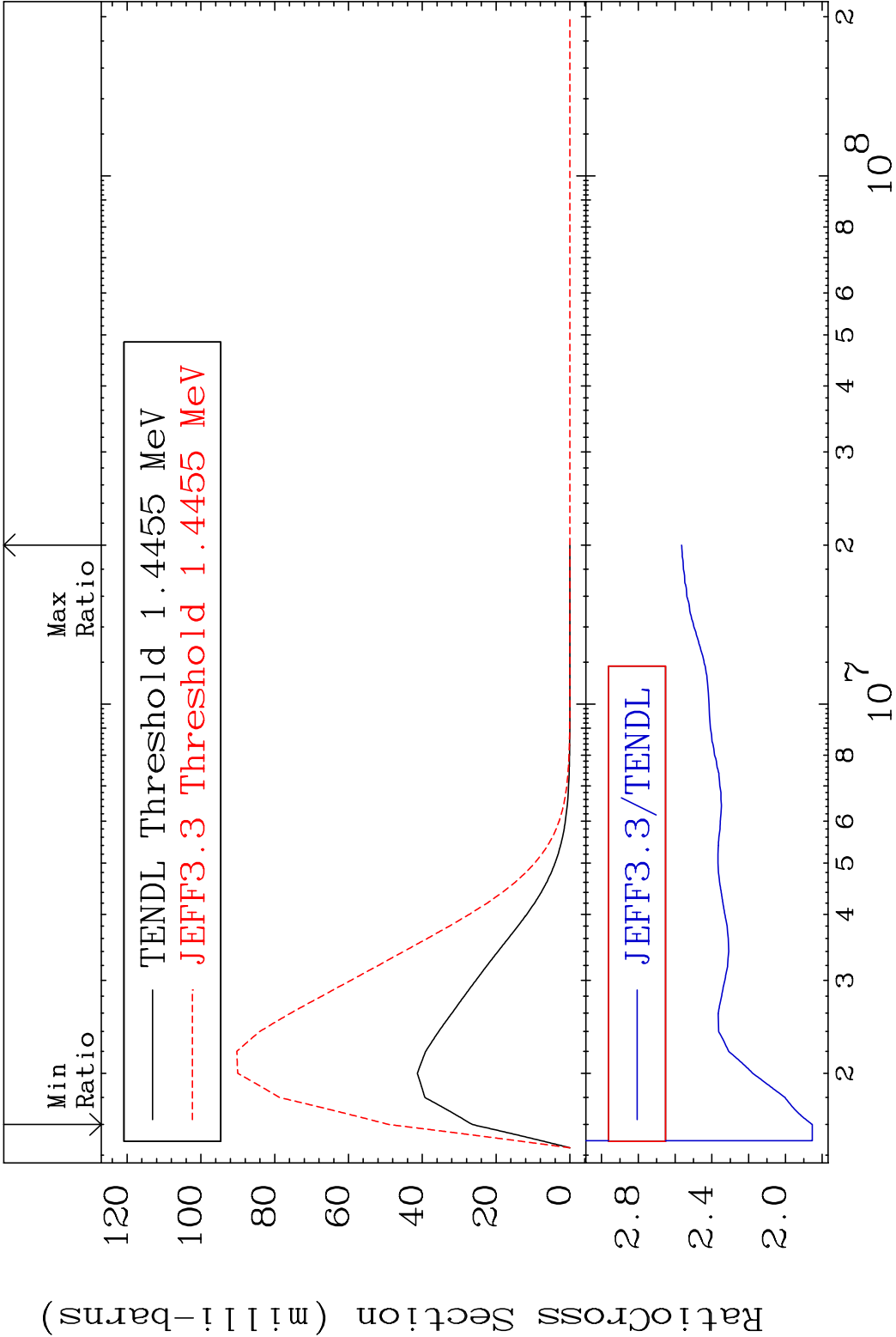
Level

81-Tl-205

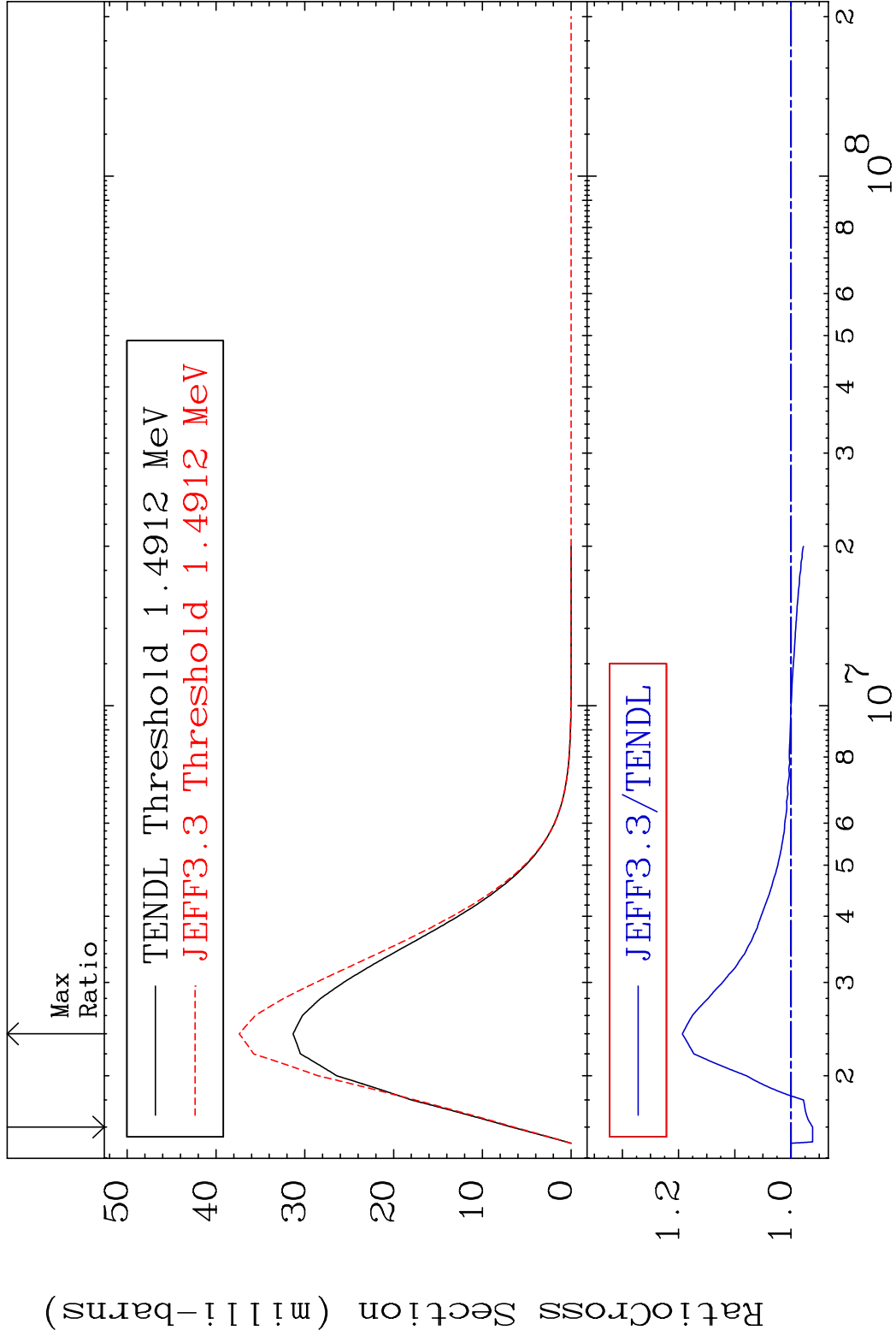
Cross Section

85.42

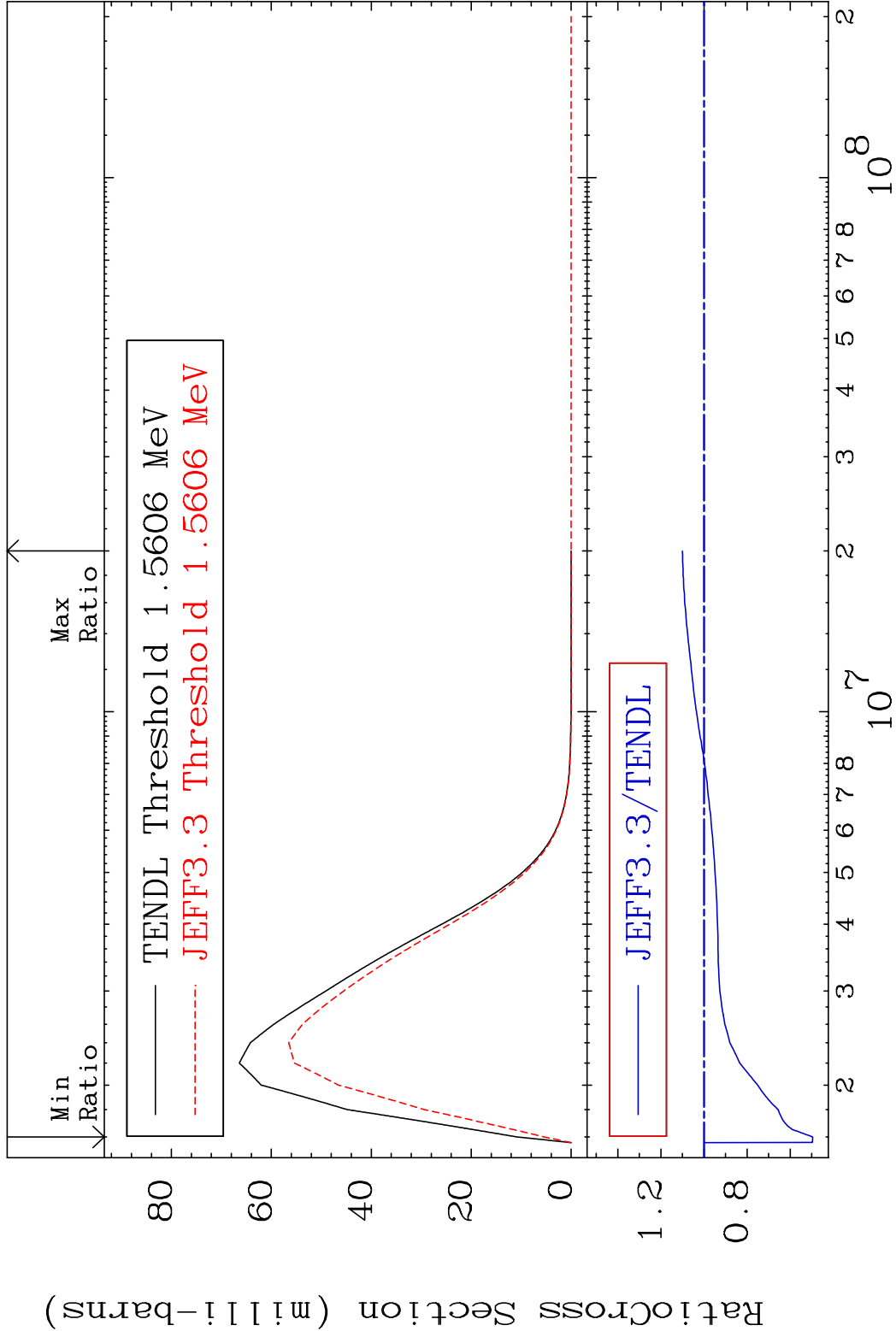
To 156.5 %



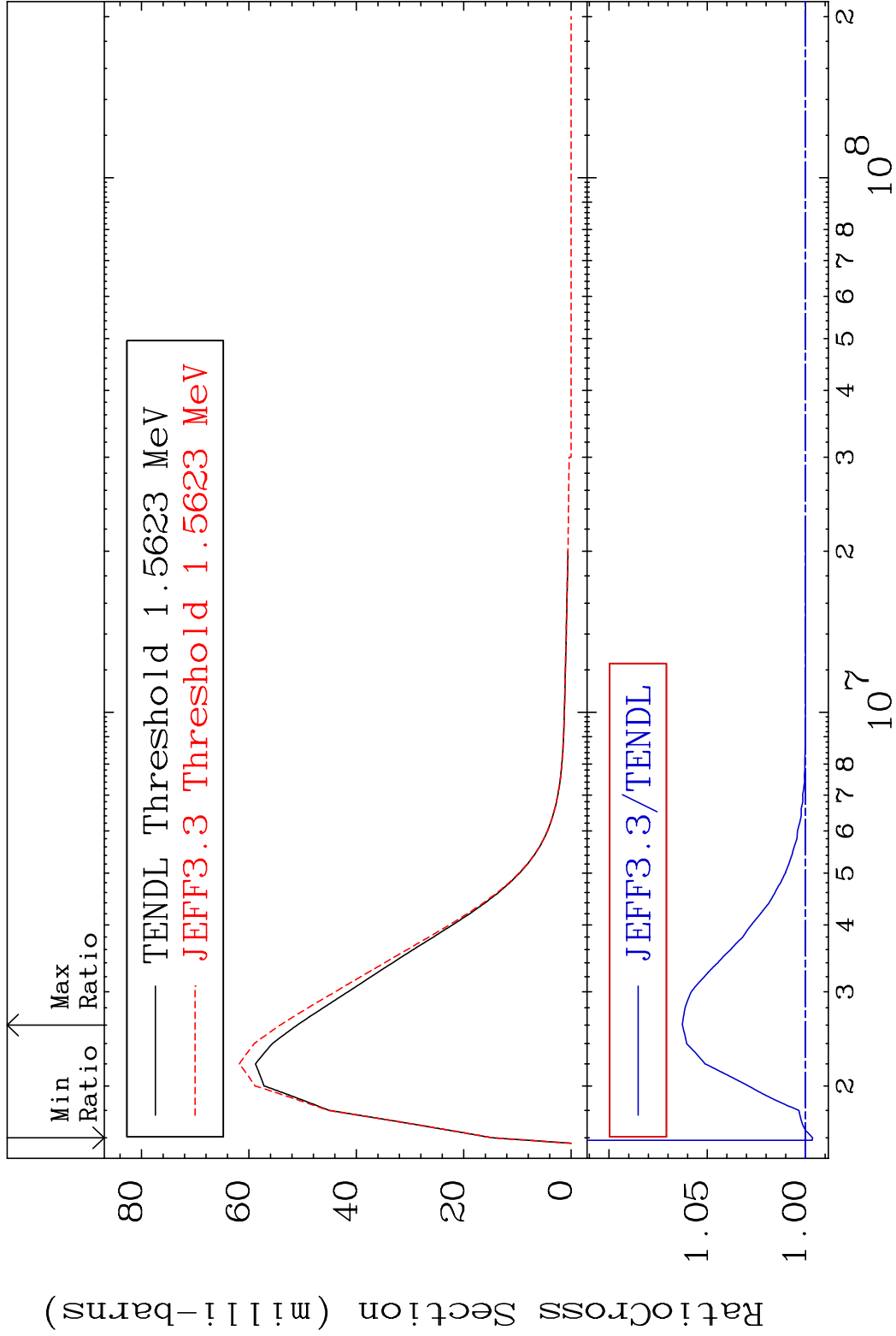
MAT 8131 MT= 61 (n,n') Level 81-Tl-205
Cross Section -3.833 To 19.33 %



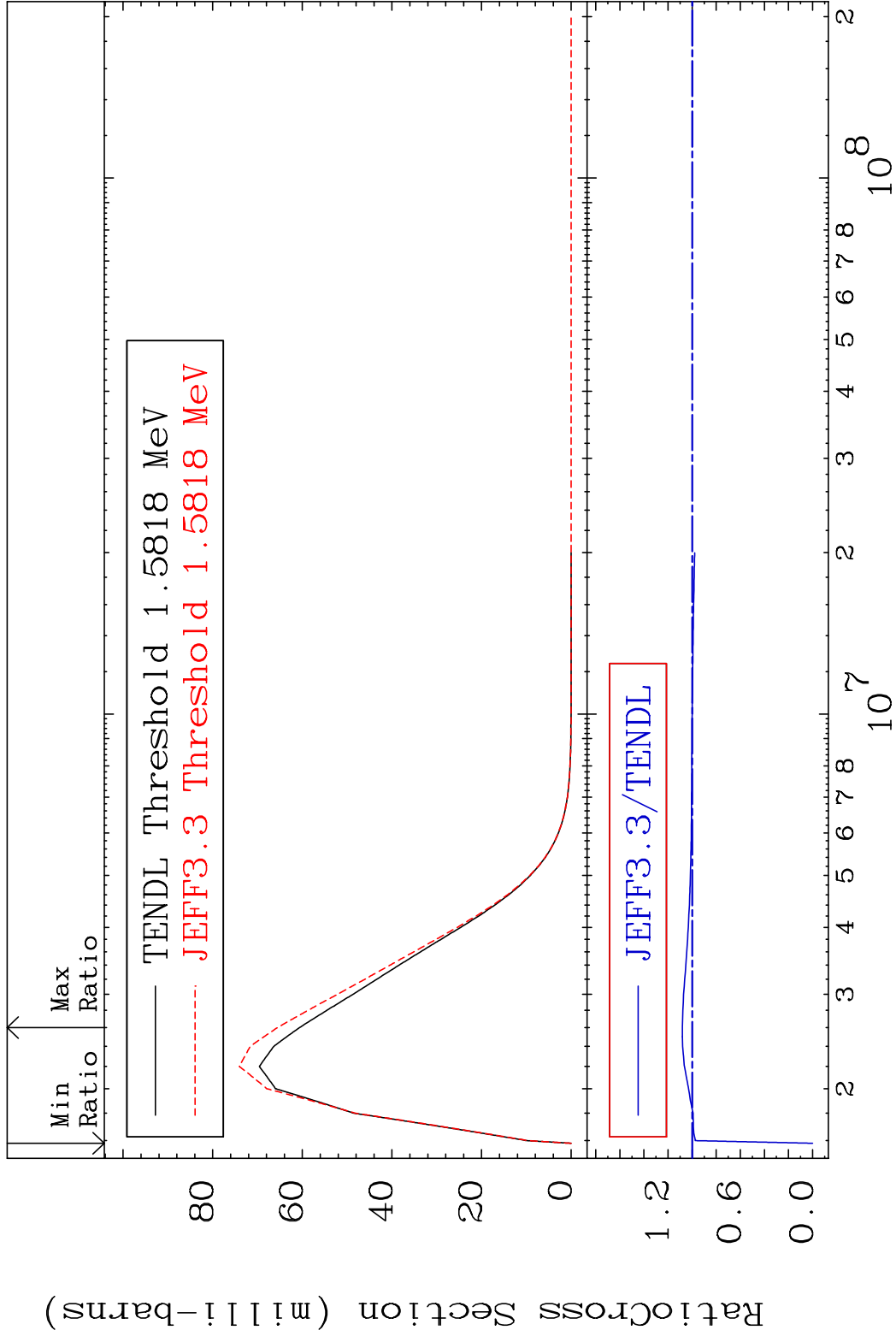
MAT 8131	MT= 62 (n,n')	Level	81-Tl-205
	Cross Section	-50.35 To 10.06 %	

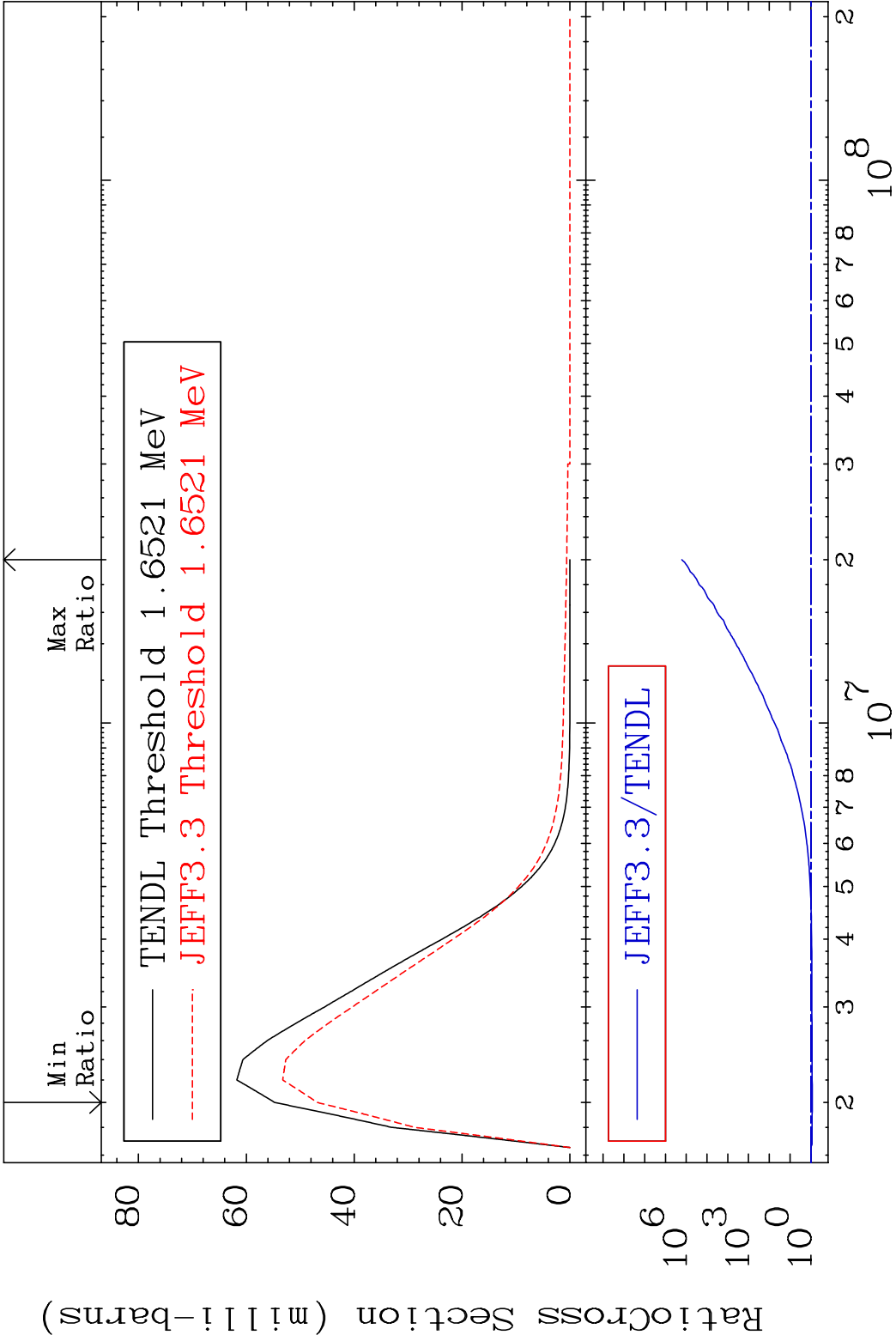


MAT 8131 MT= 63 (n,n') Level 81-Tl-205
Cross Section -0.362 To 6.268 %

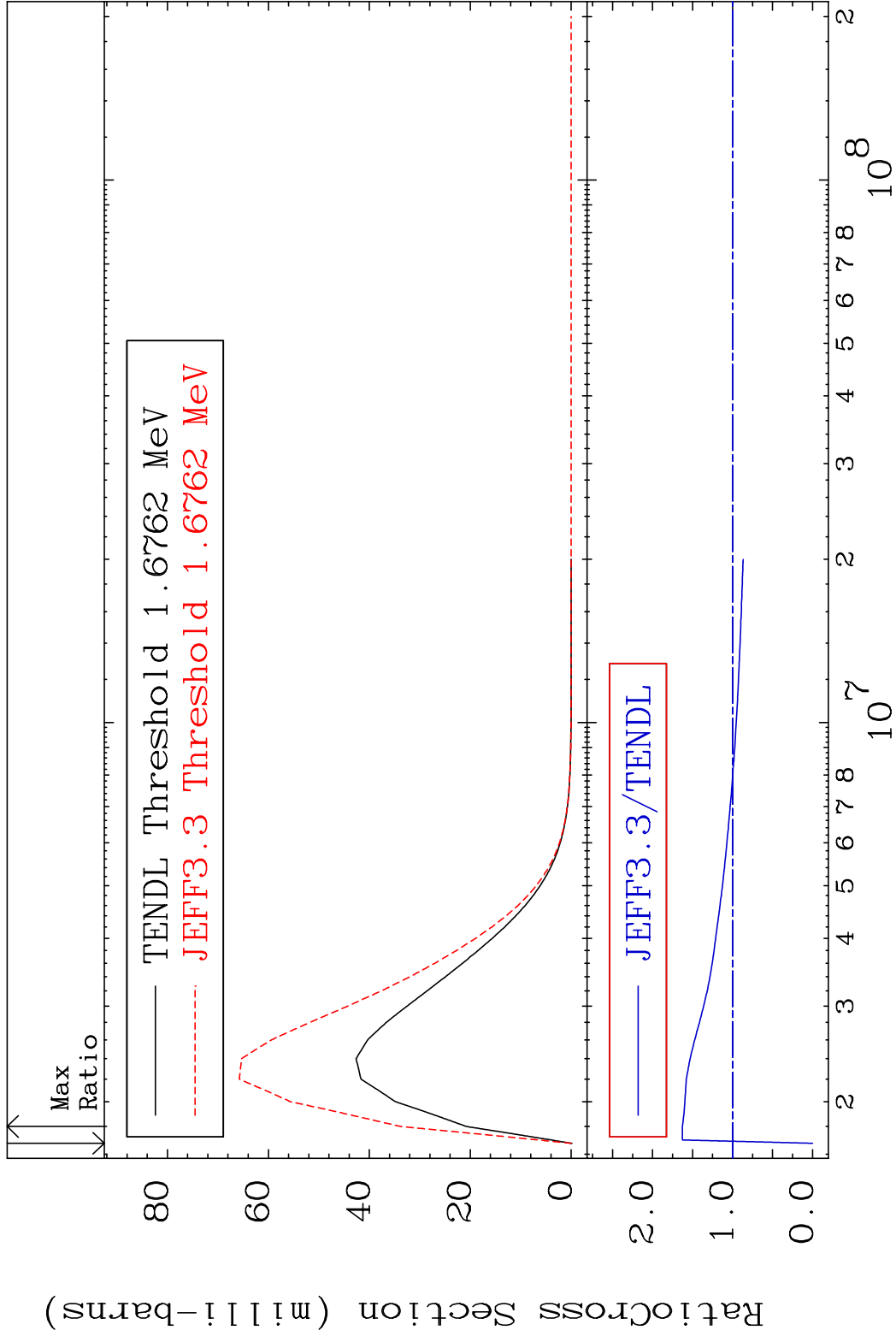


MAT 8131 MT= 64 (n,n') Level 81-Tl-205
Cross Section -100.0 To 8.119 %

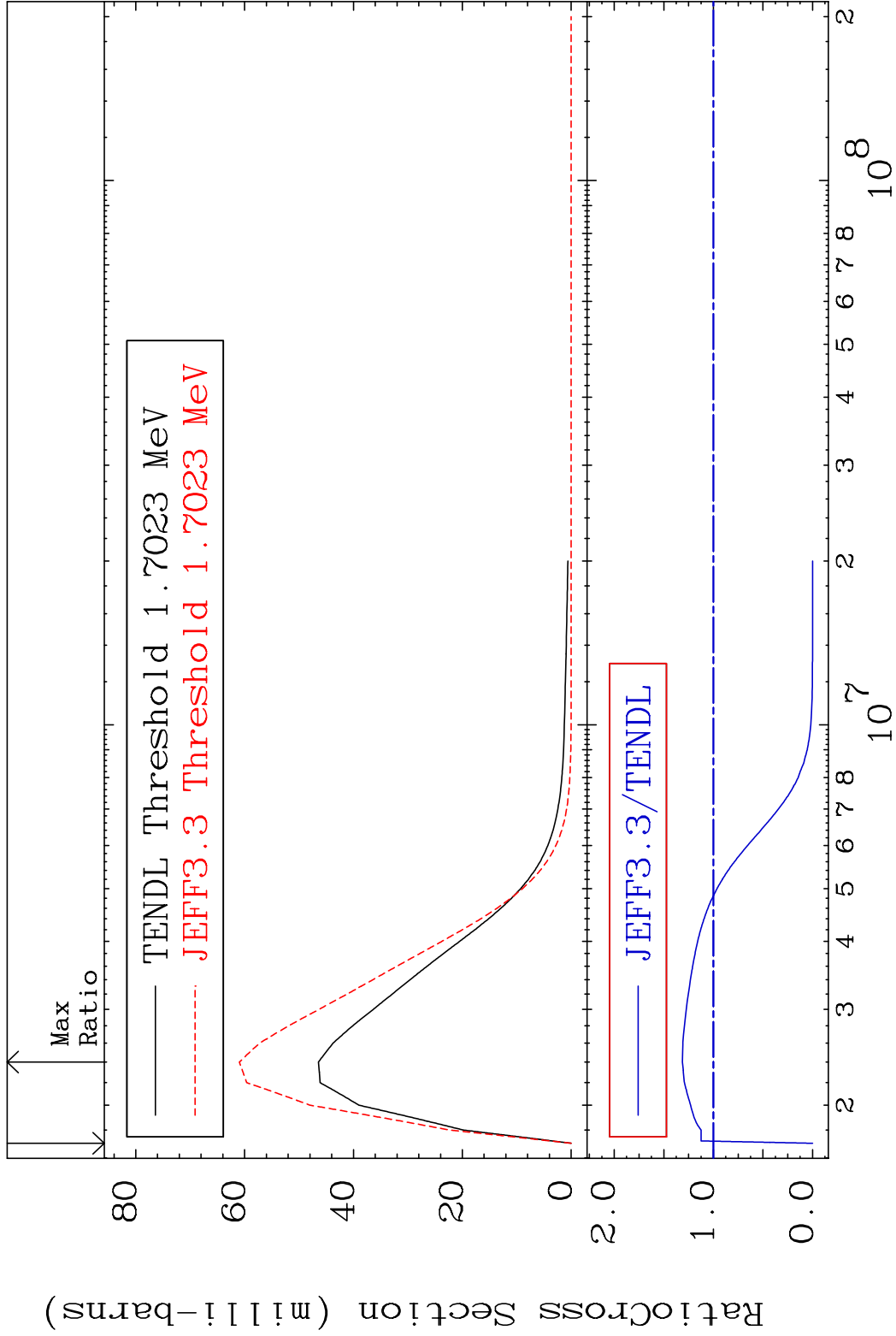




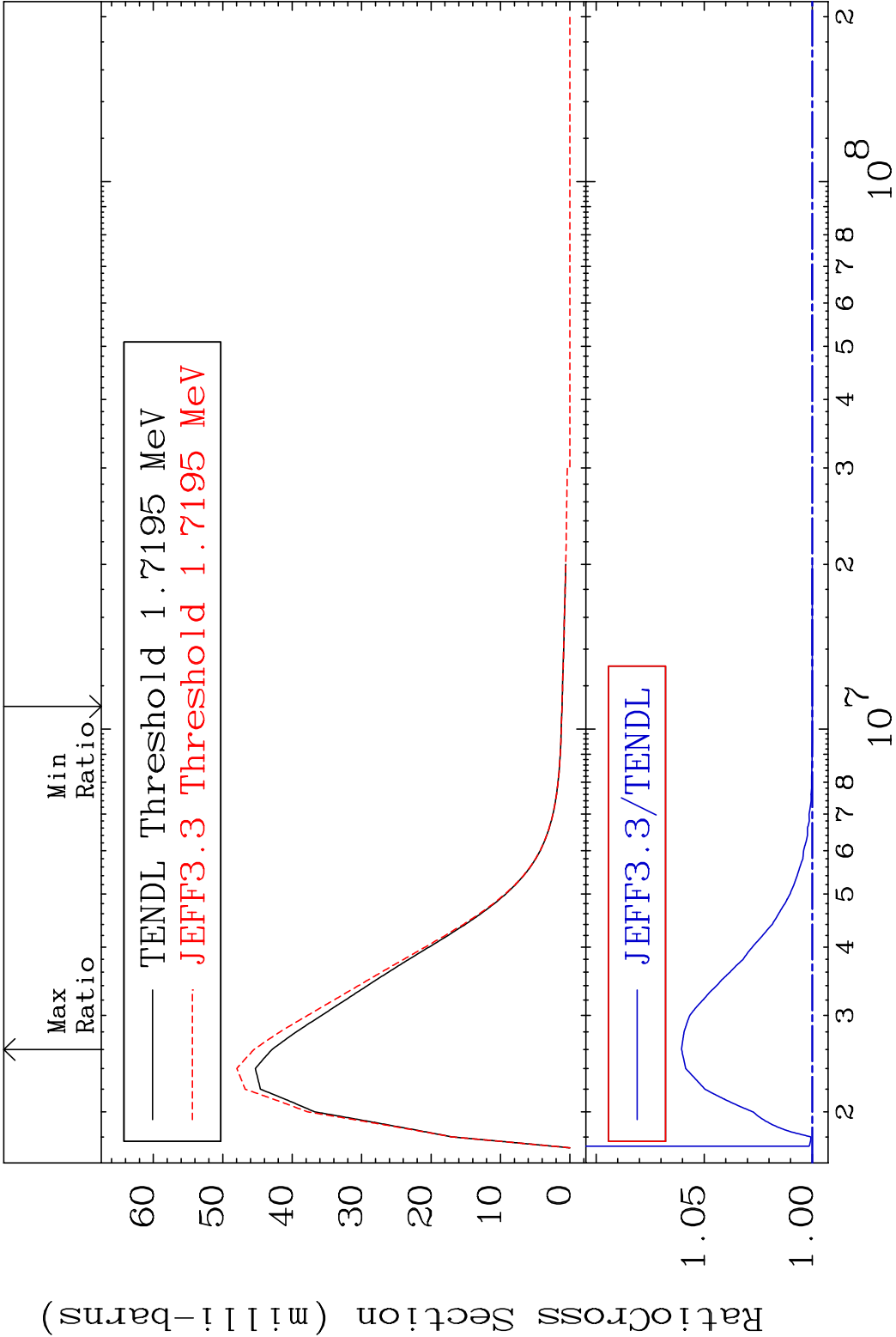
MAT 8131 MT= 66 (n,n') Level 81-Tl-205
Cross Section -100.0 To 62.81 %

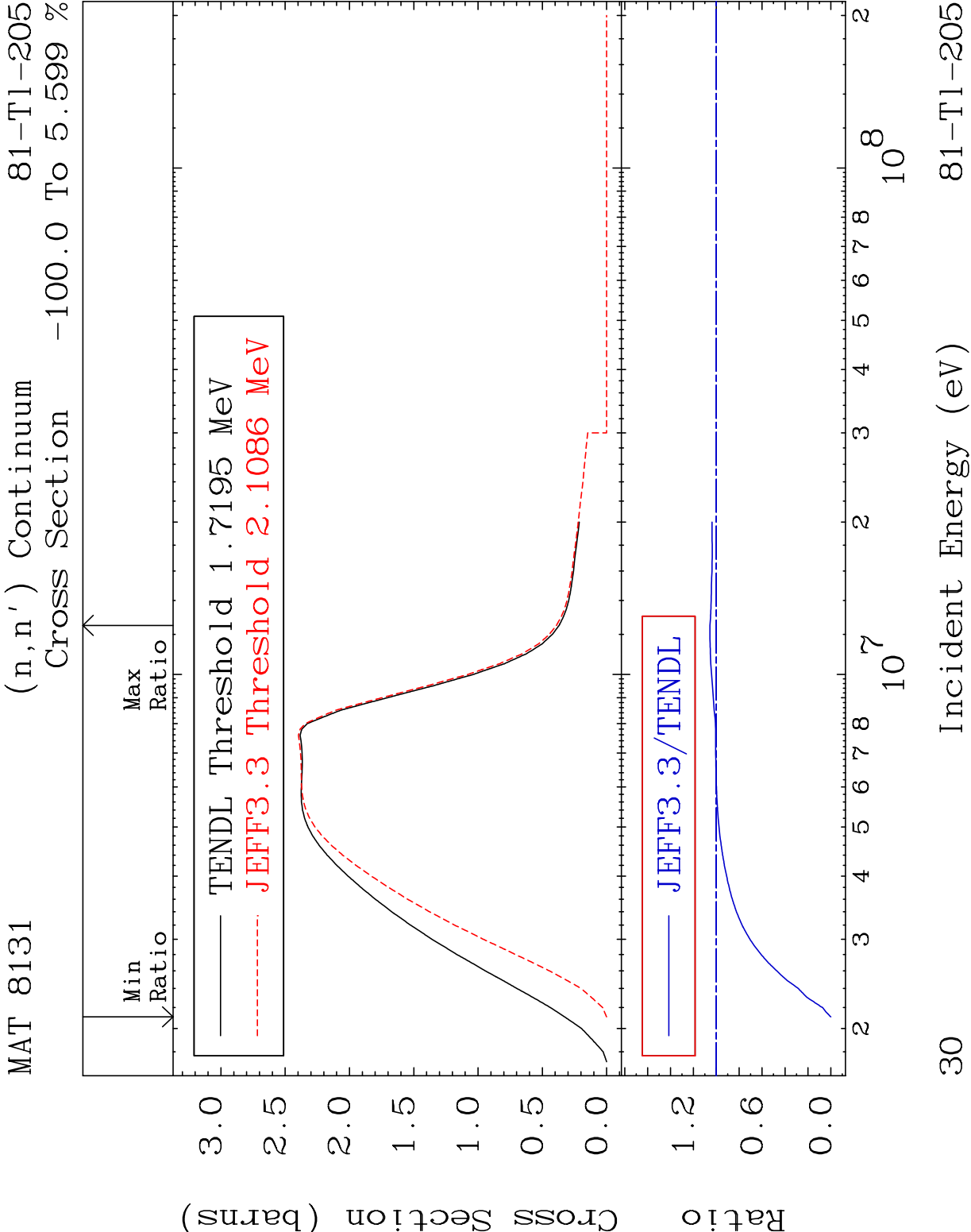


MAT 8131 MT= 67 (n,n') Level 81-Tl-205
Cross Section -100.0 To 31.30 %



MAT 8131	MT= 68 (n,n')	Level	81-Tl-205
	Cross Section	0.000	To 6.049 %



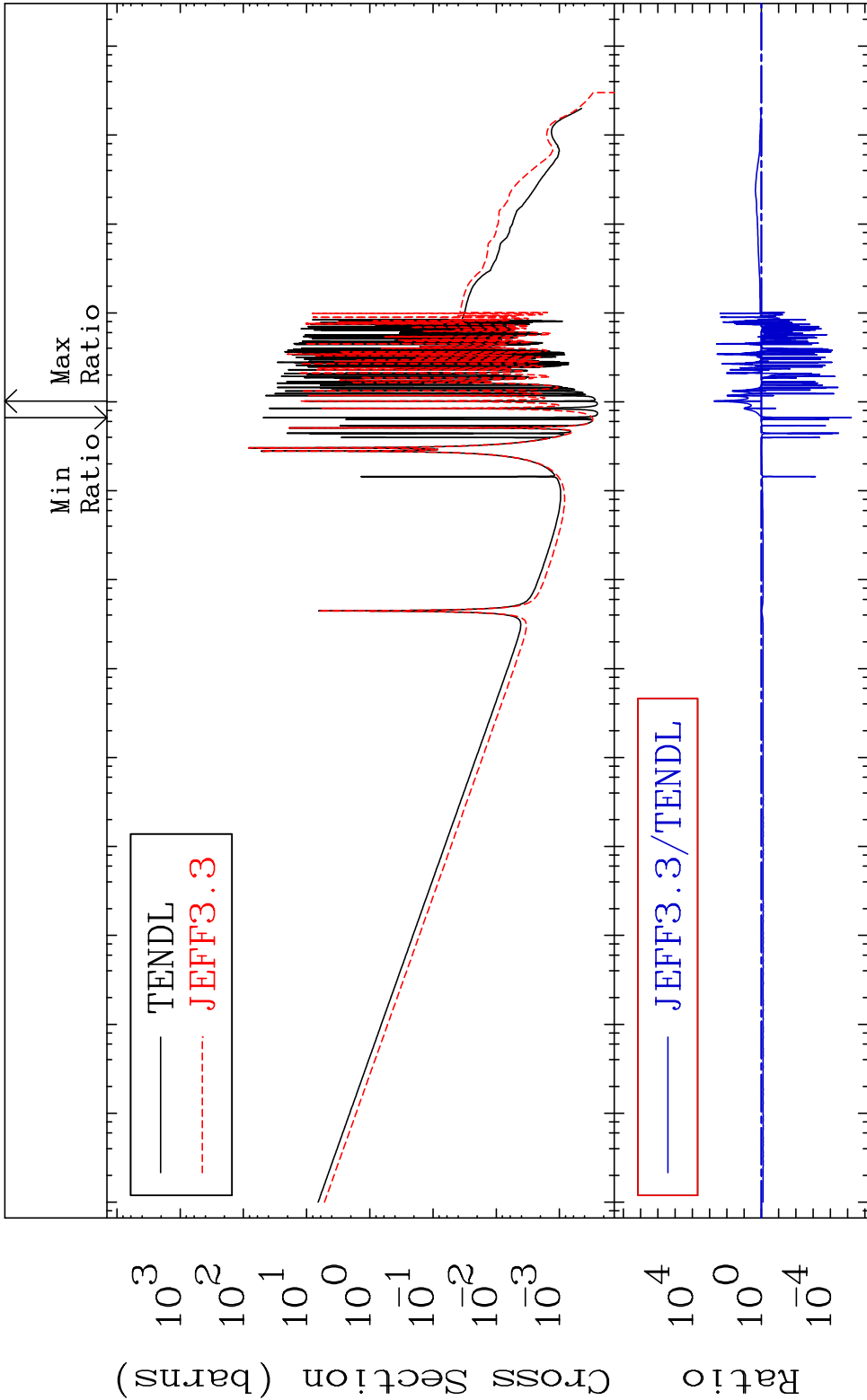


MAT 8131

(n, γ)

81-Tl-205

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

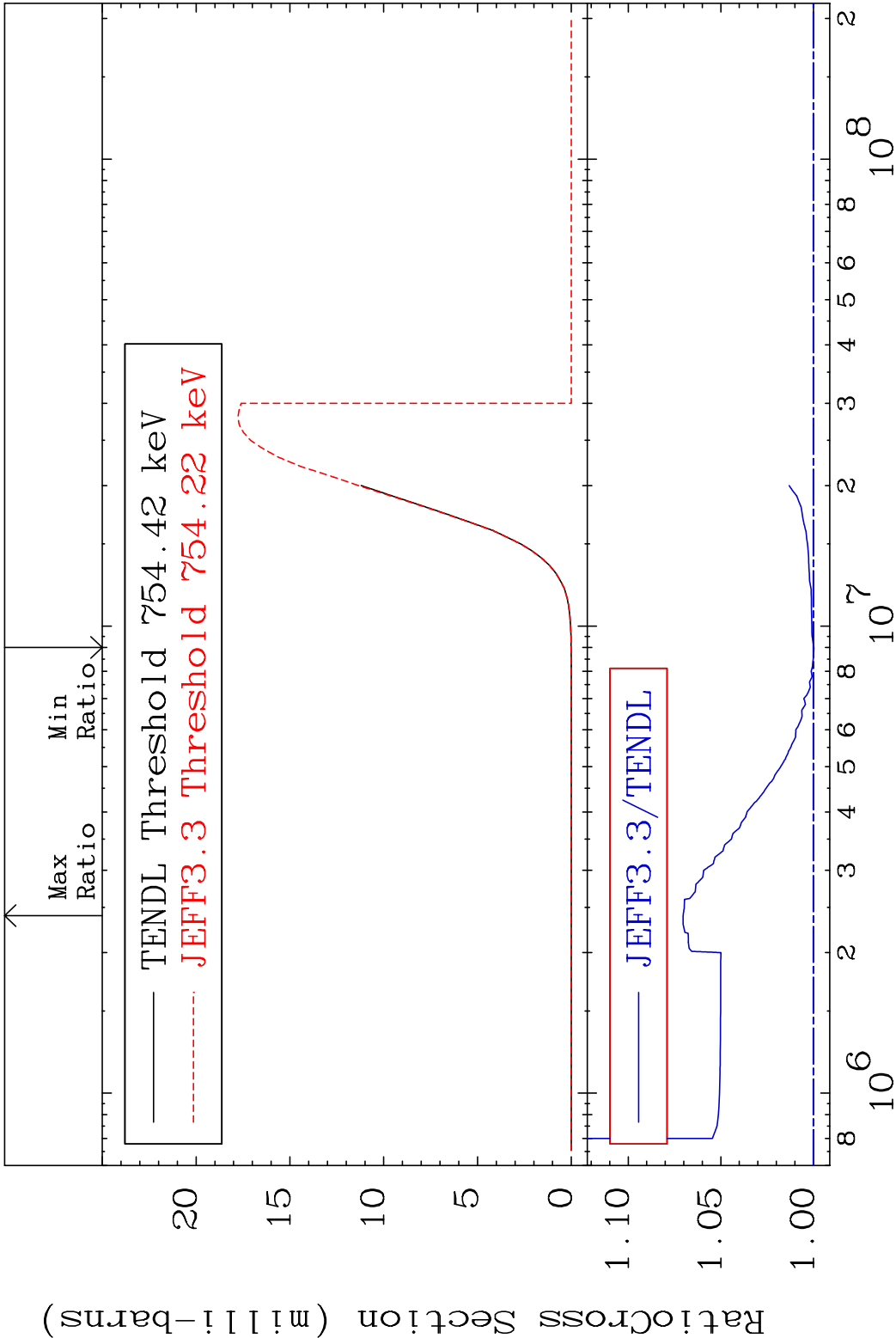
81-Tl-205

MAT 8131

(n,p)

81-Tl-205

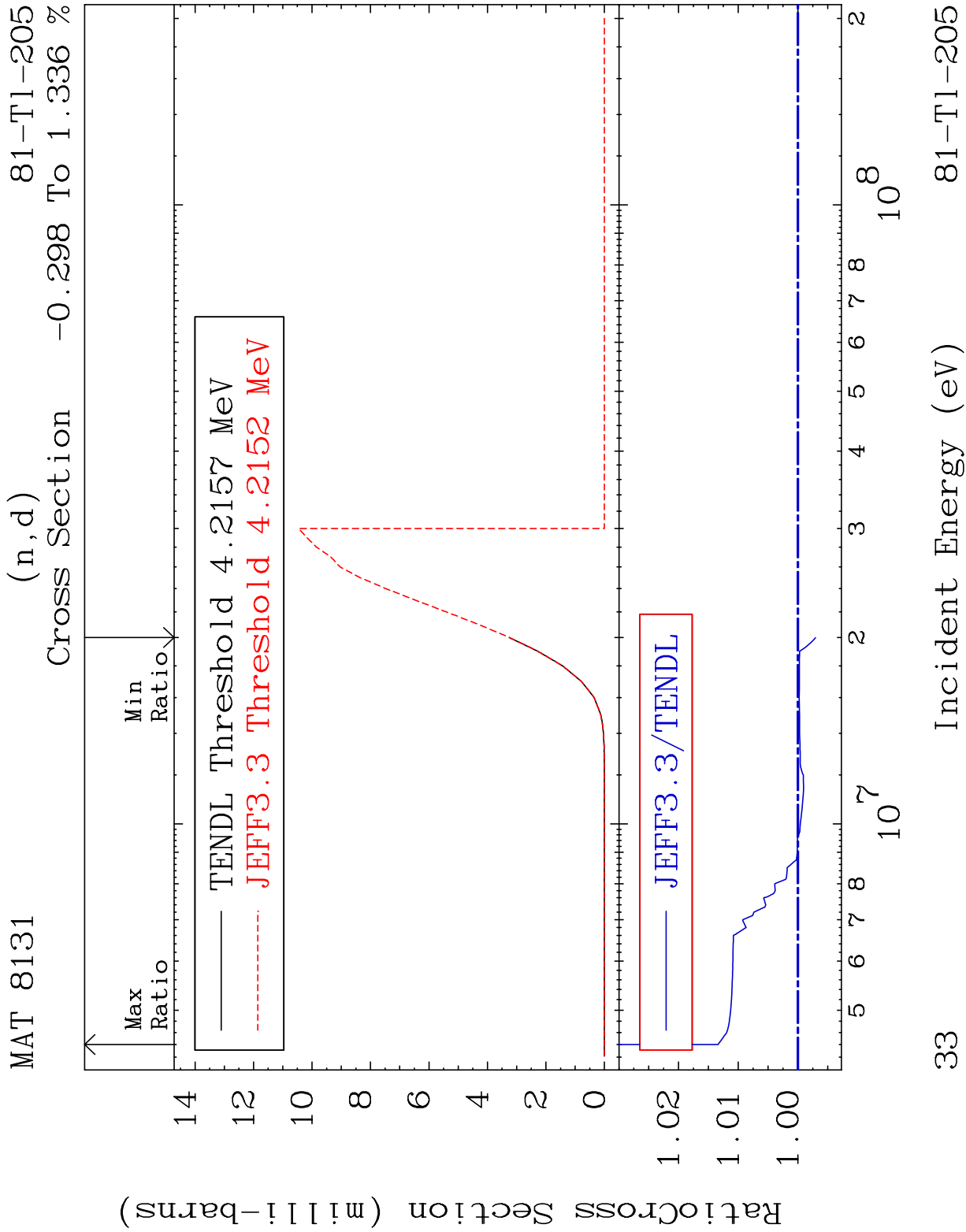
Cross Section -0.026 To 7.039 %

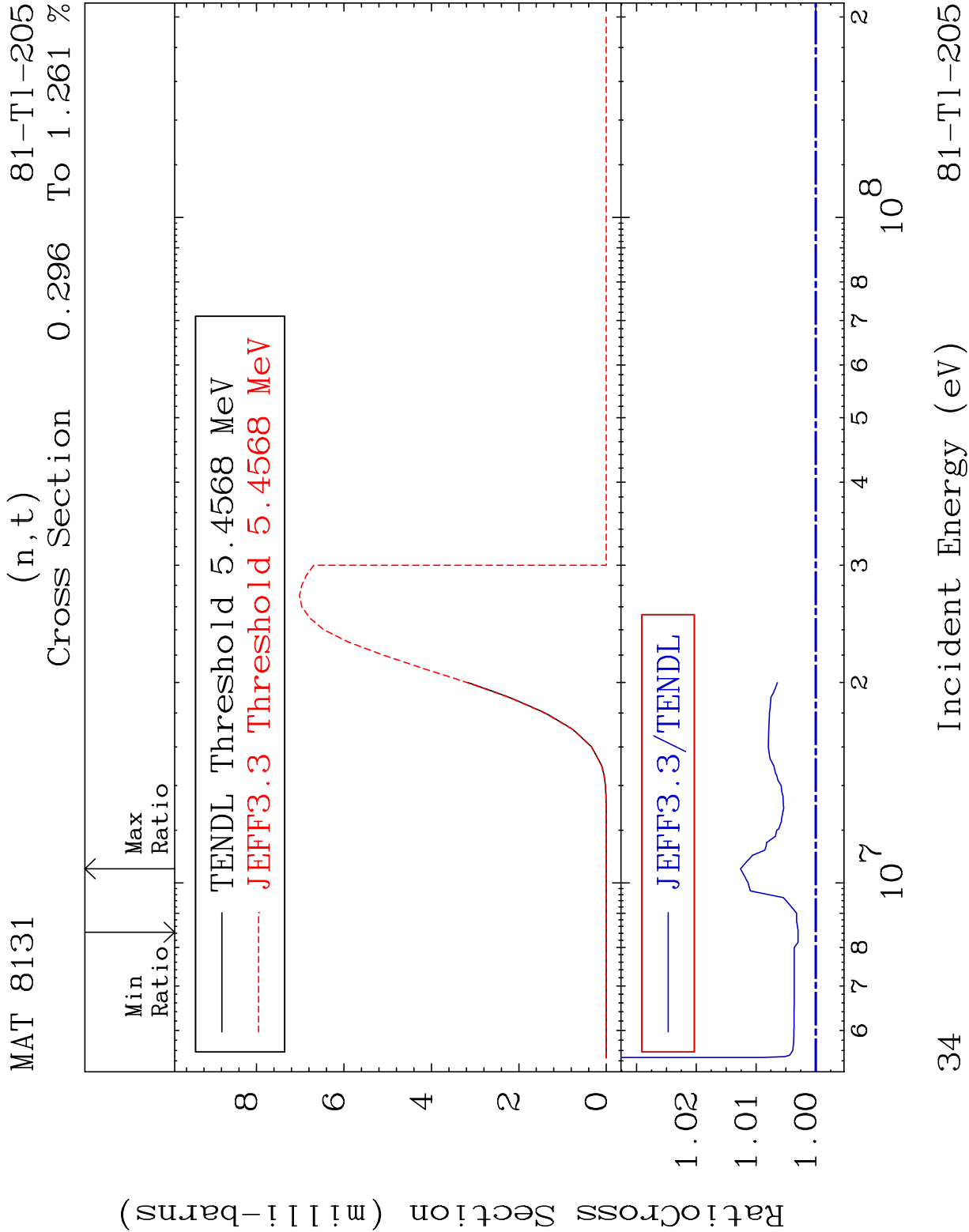


32

Incident Energy (eV)

81-Tl-205



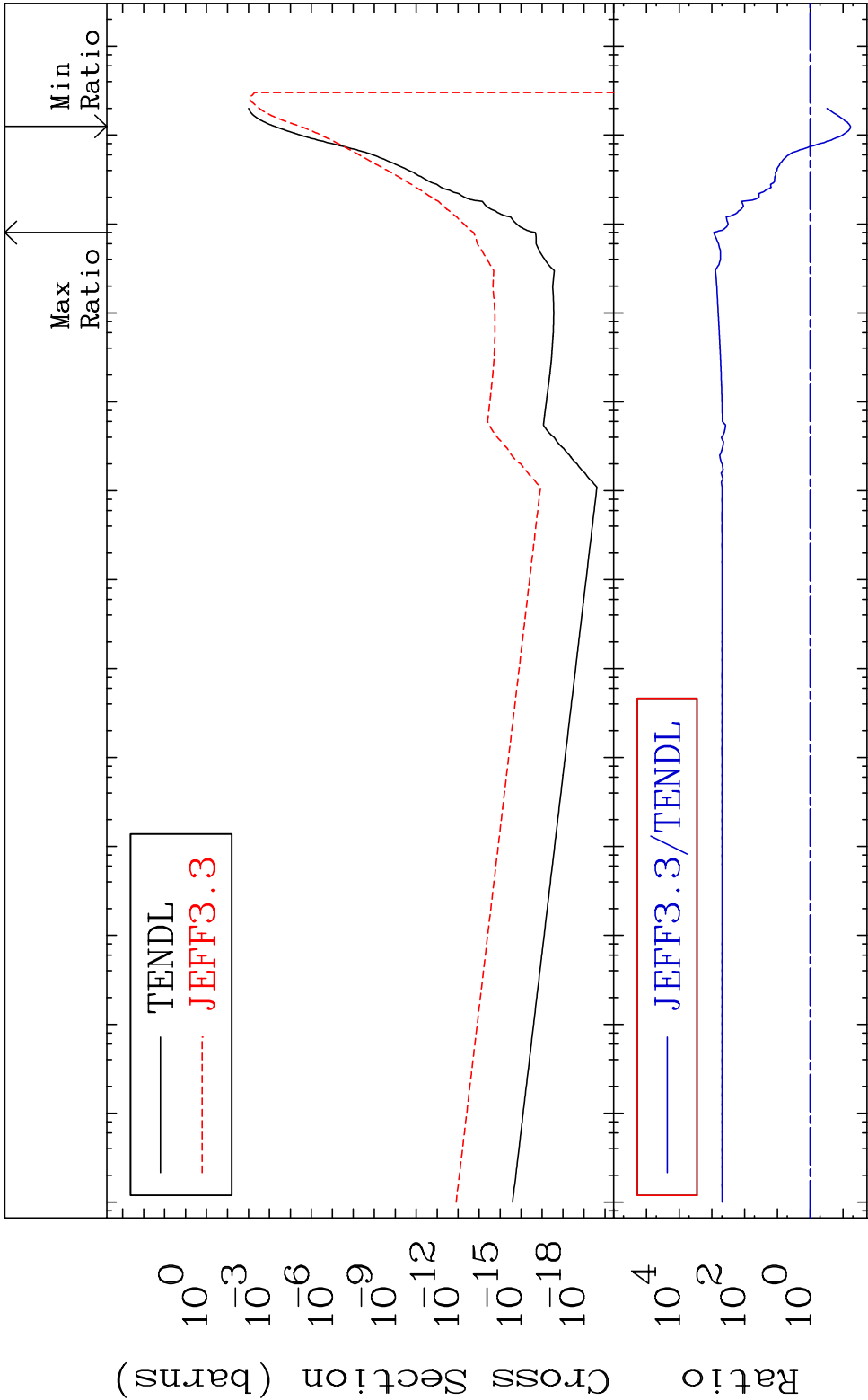


MAT 8131

(n, α)

Cross Section

81-Tl-205
-94.08 To 9999. %

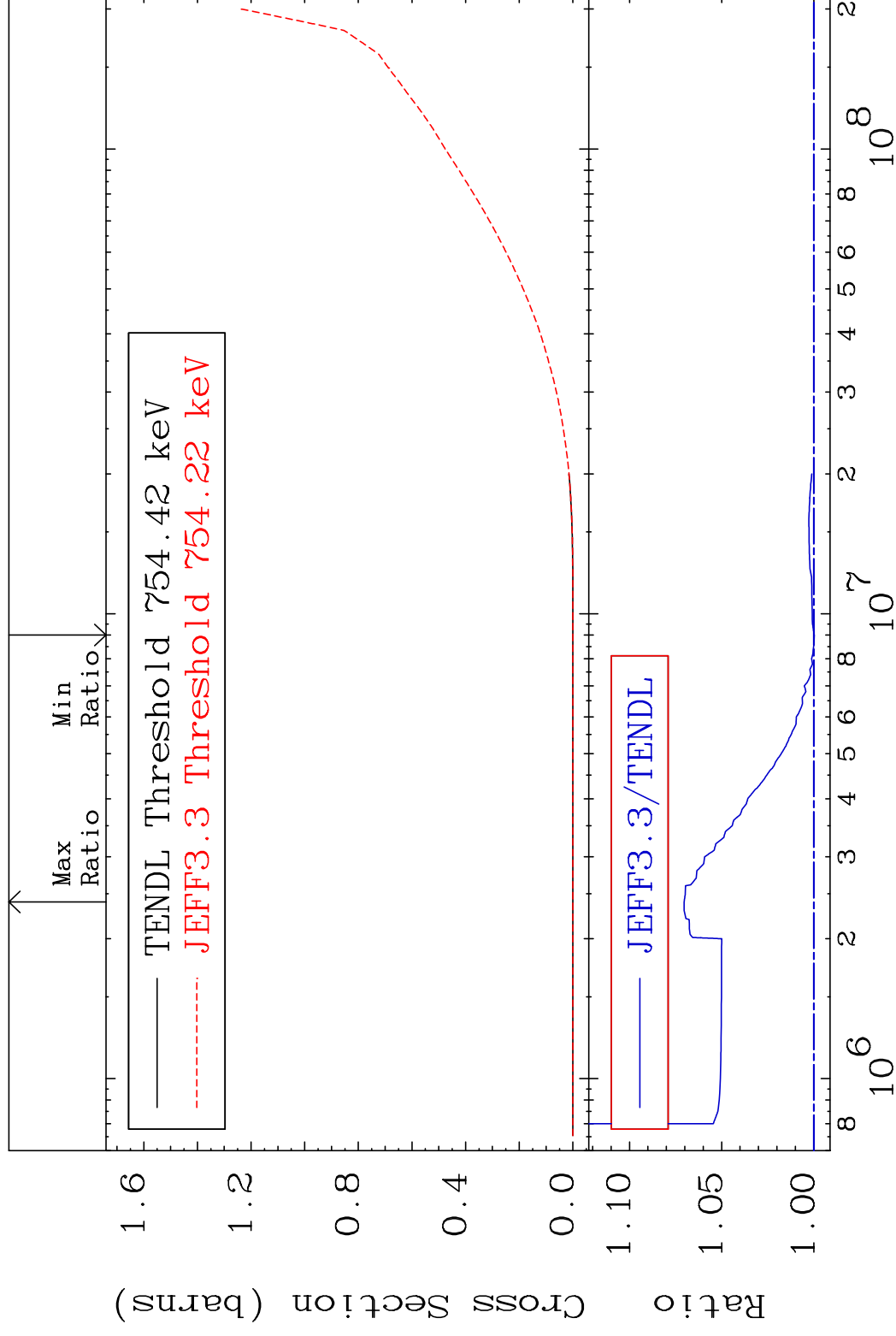


MAT 8131

Hydrogen Production

81-T1-205

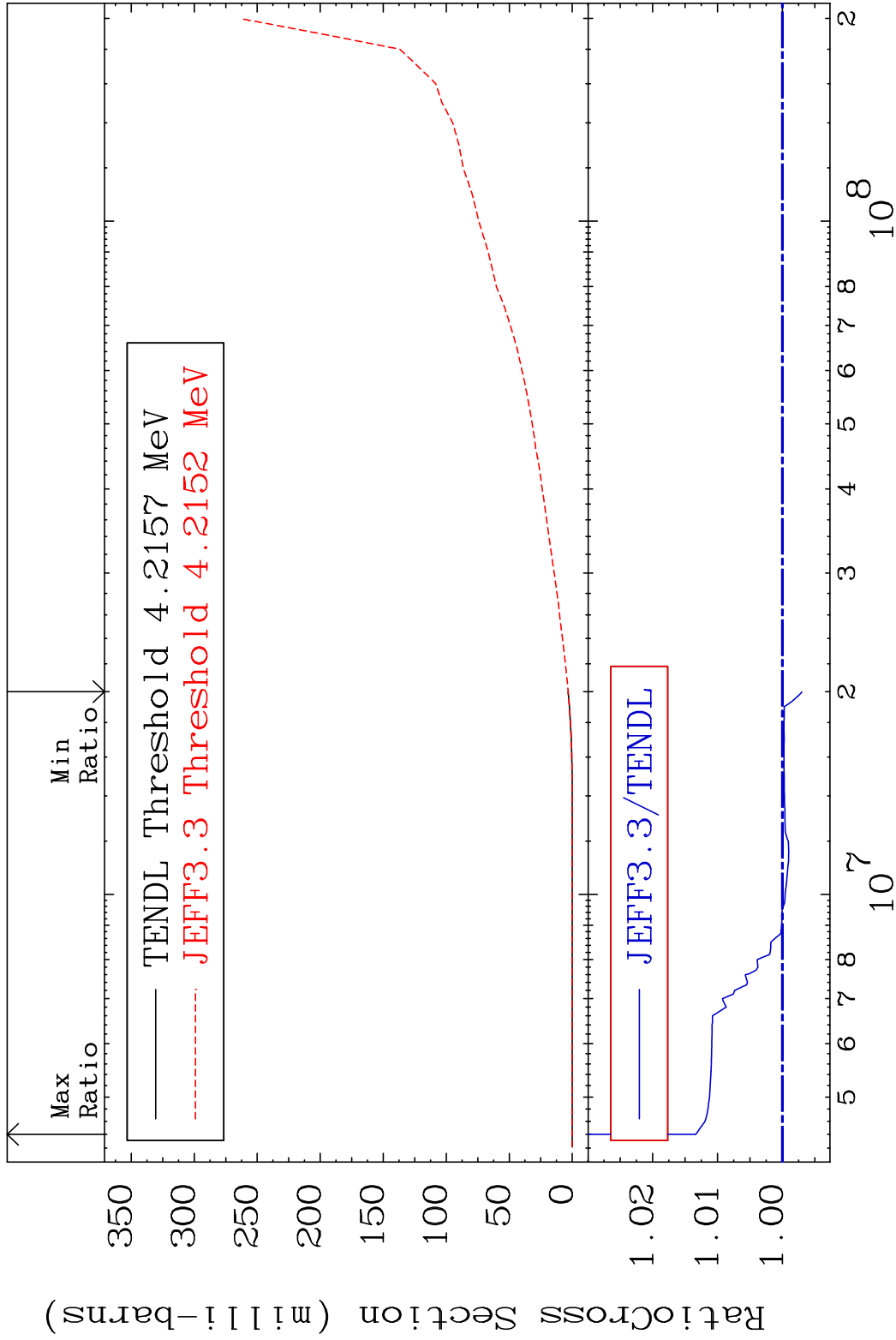
Cross Section -0.026 To 7.039 %

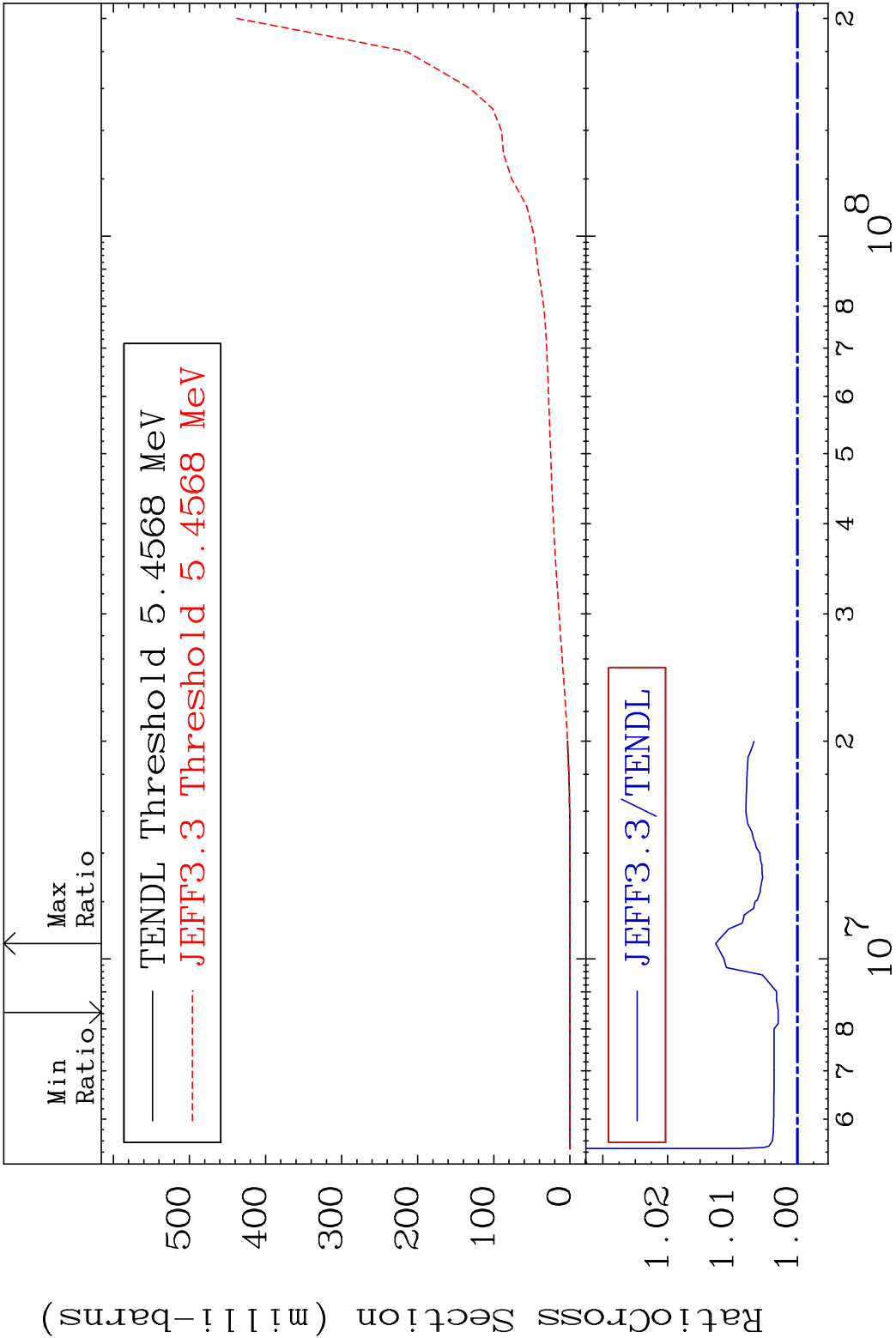


33

Incident Energy (eV)

81-T1-205



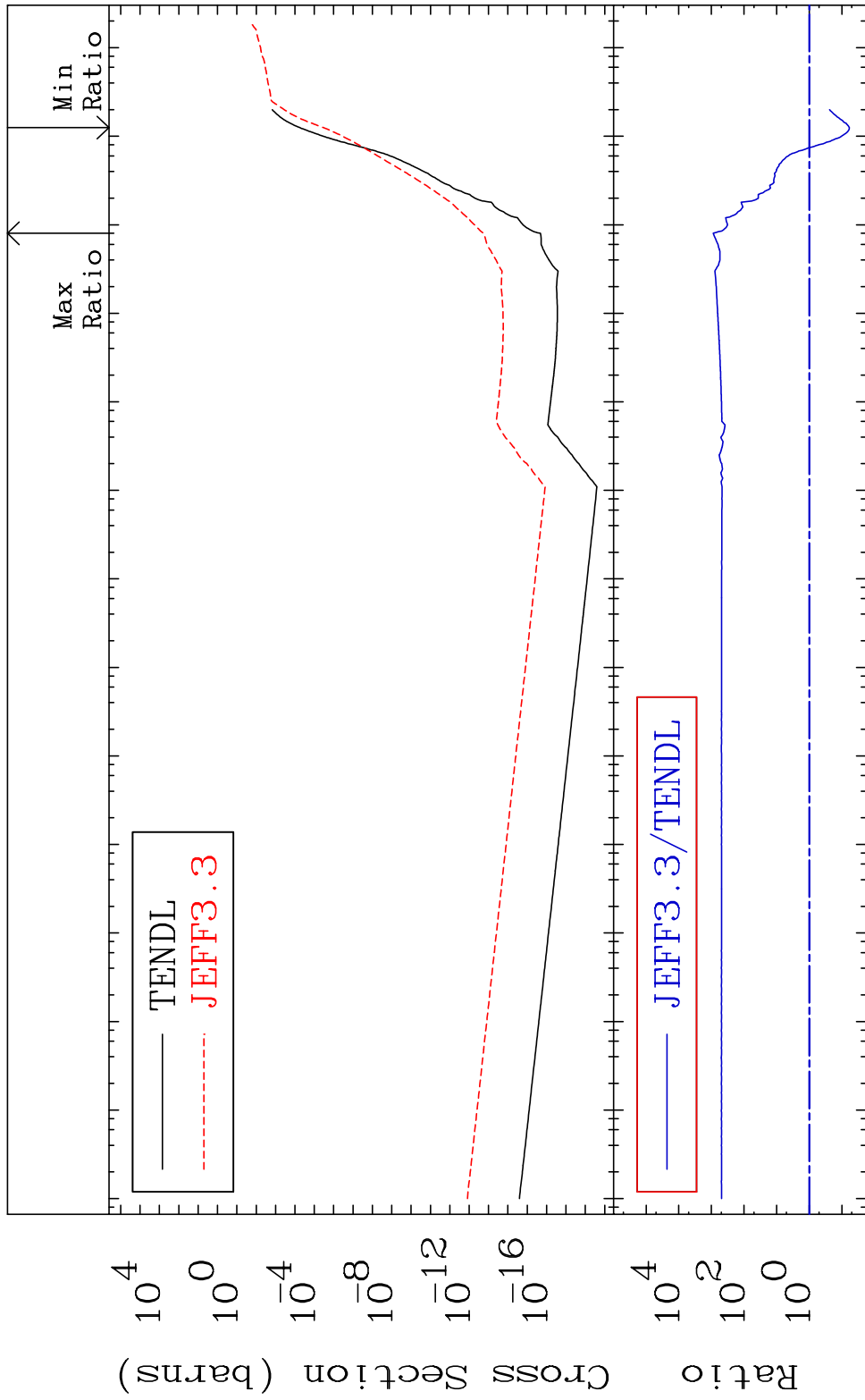


MAT 8131

He-4 Production

81-T1-205

Cross Section -94.03 To 9999. %

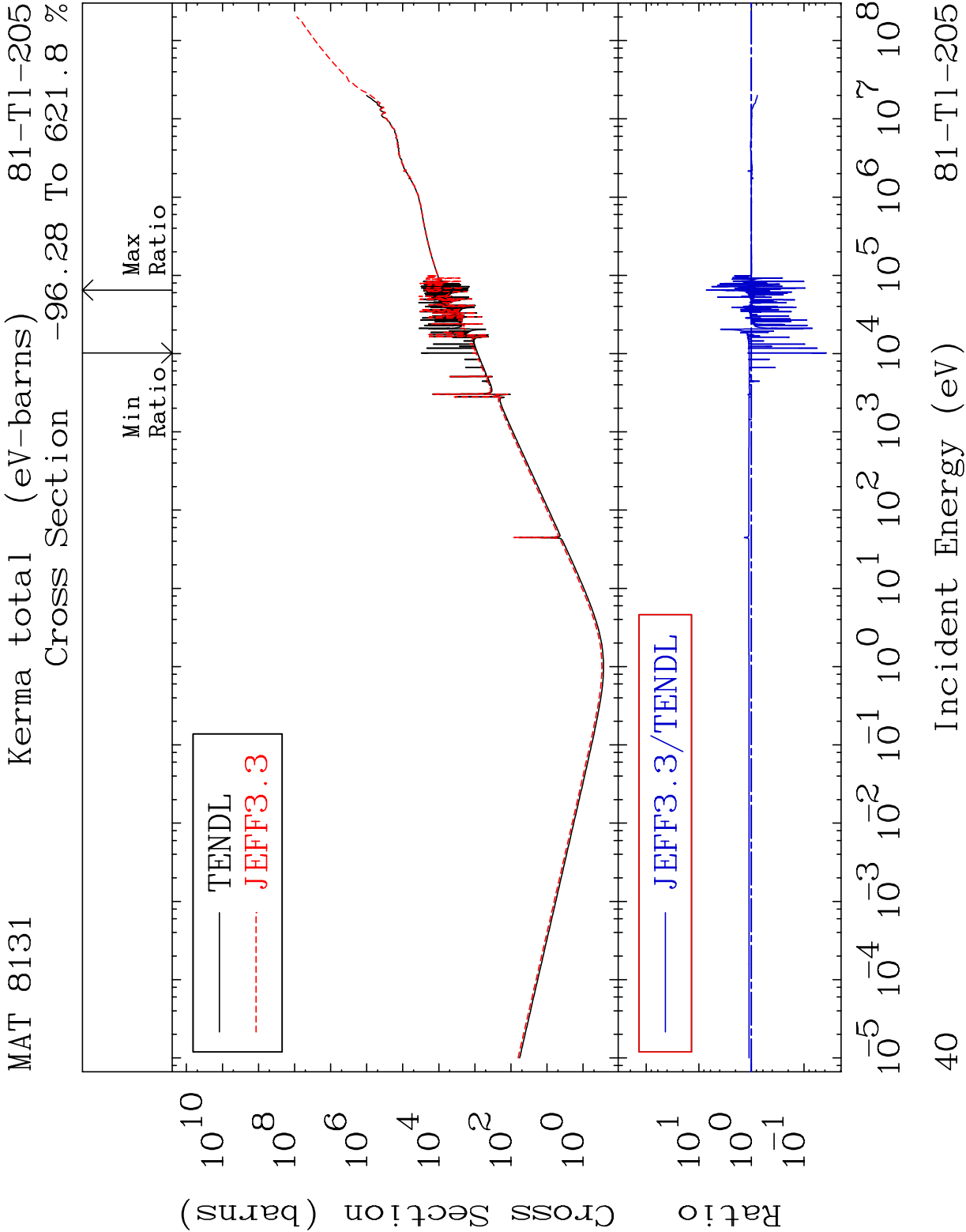


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

39

Incident Energy (eV)

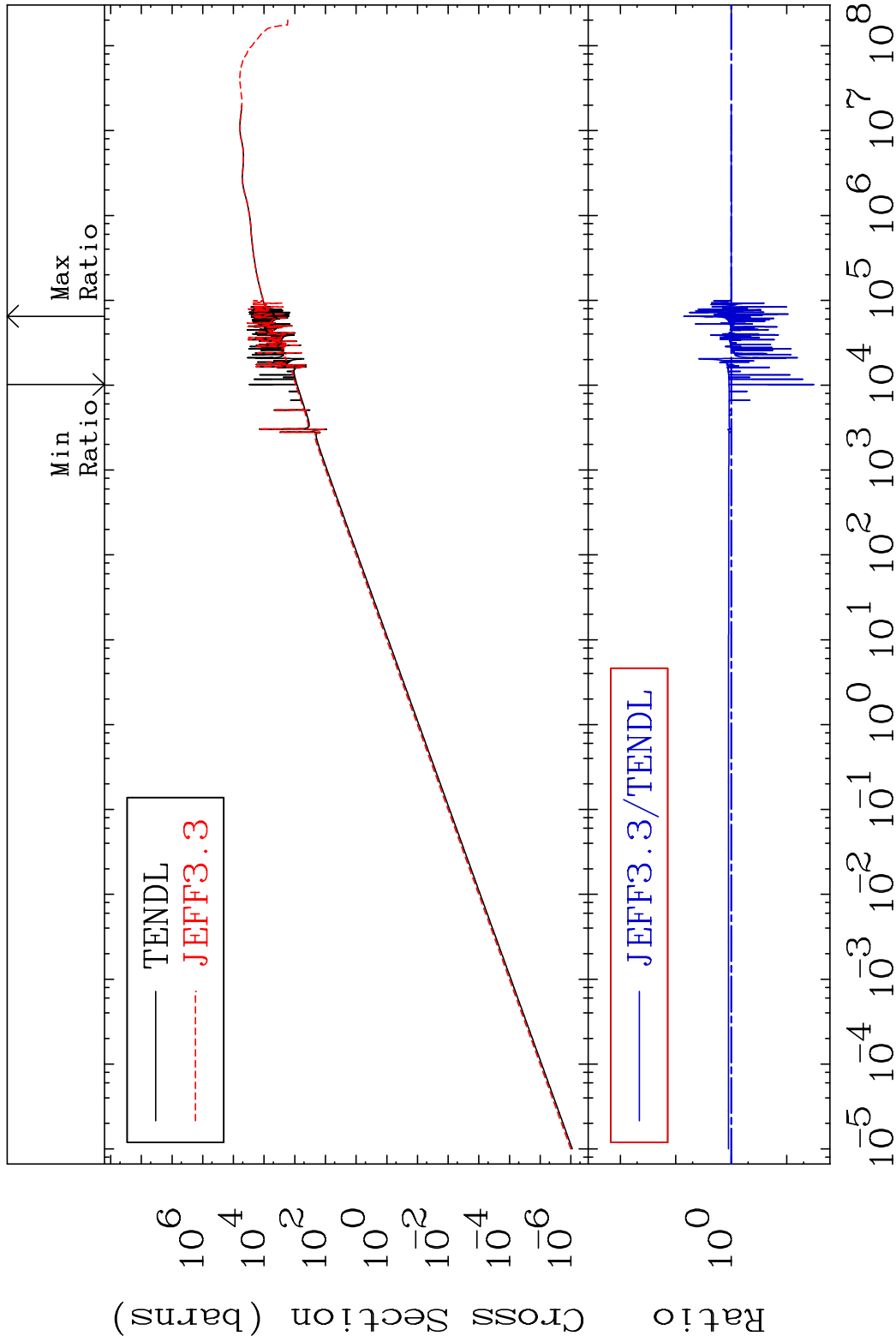
81-T1-205



MAT 8131

Kerma elastic
Cross Section

81-Tl-205
-96.77 To 621.9 %

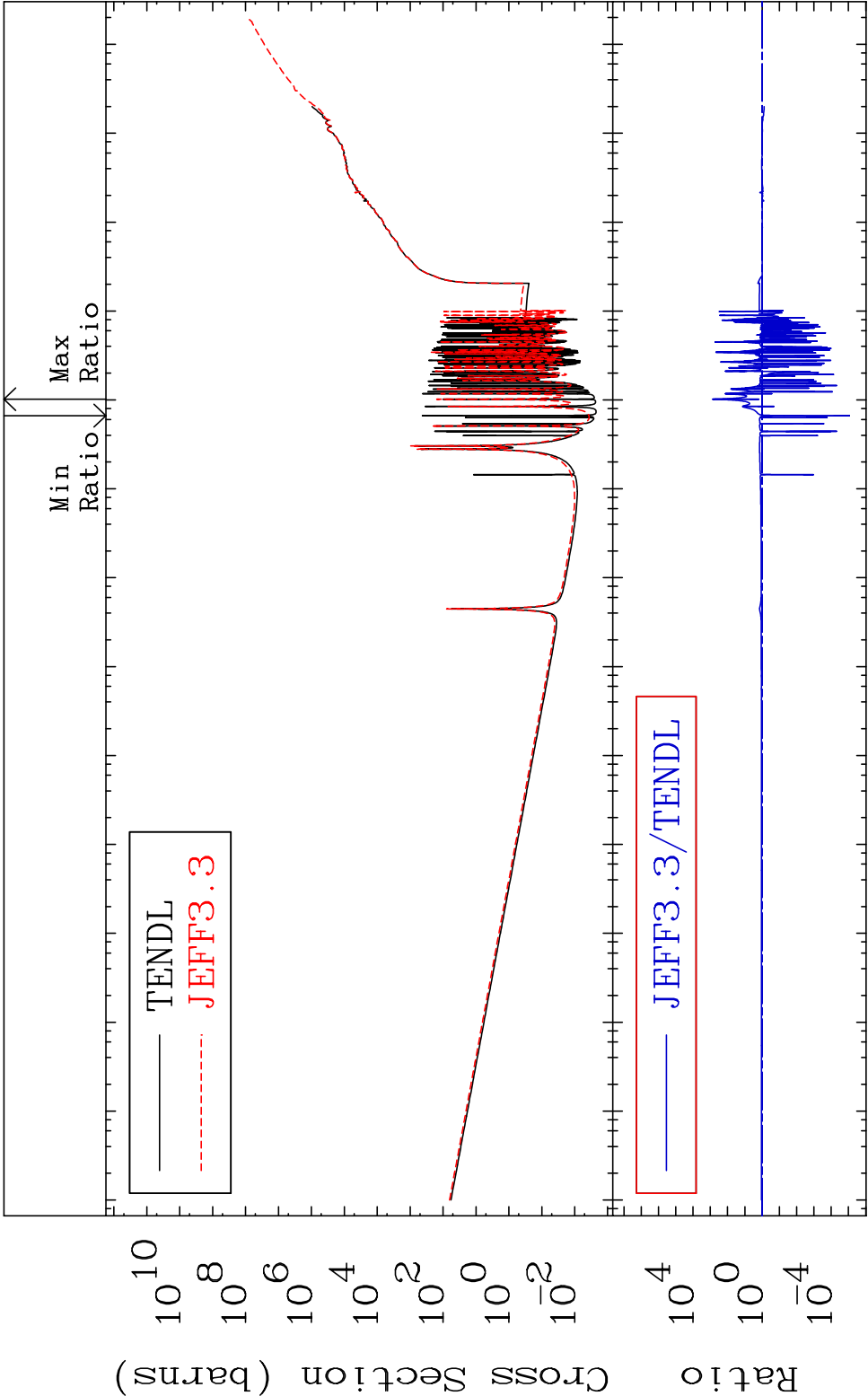


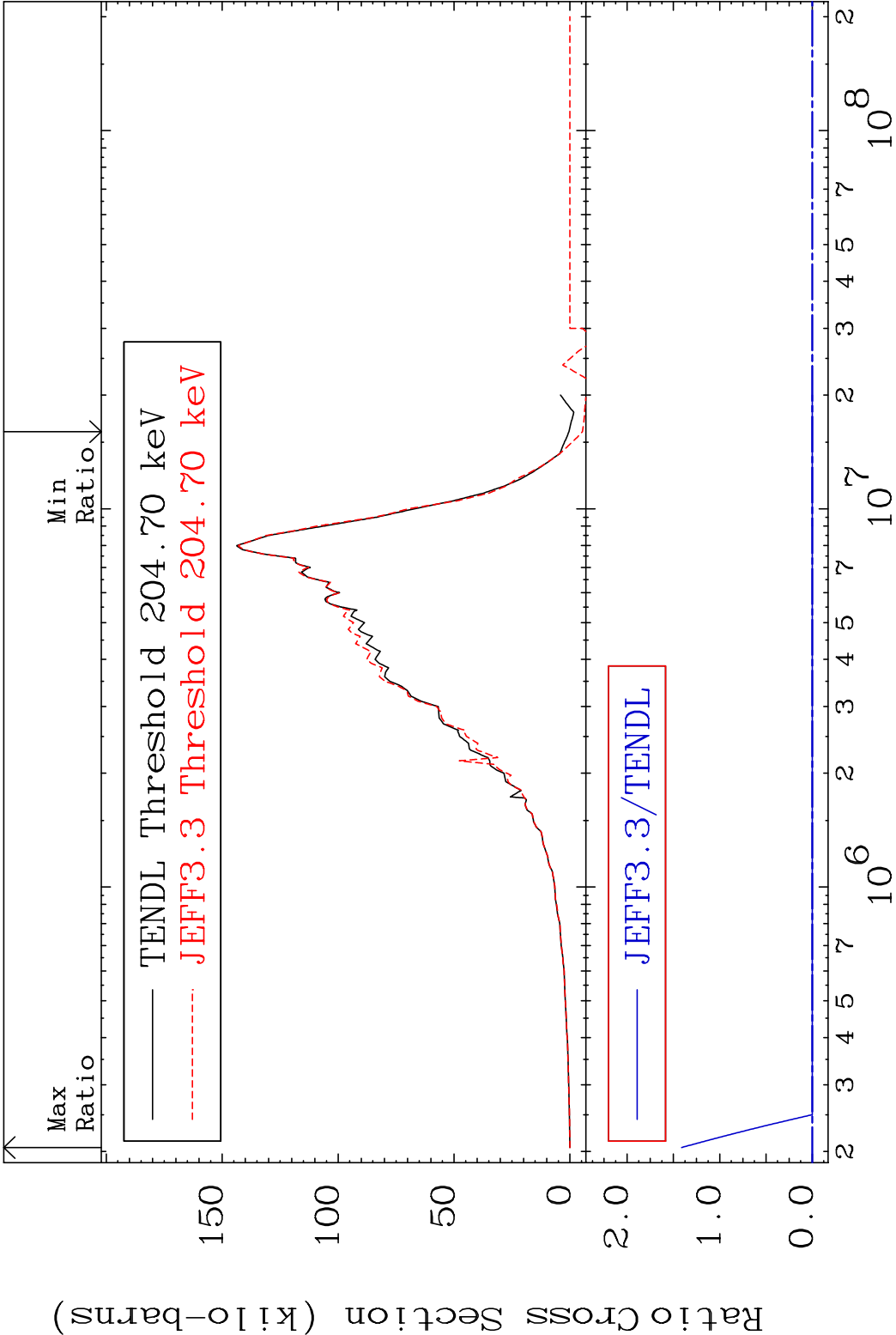
41

Incident Energy (eV)

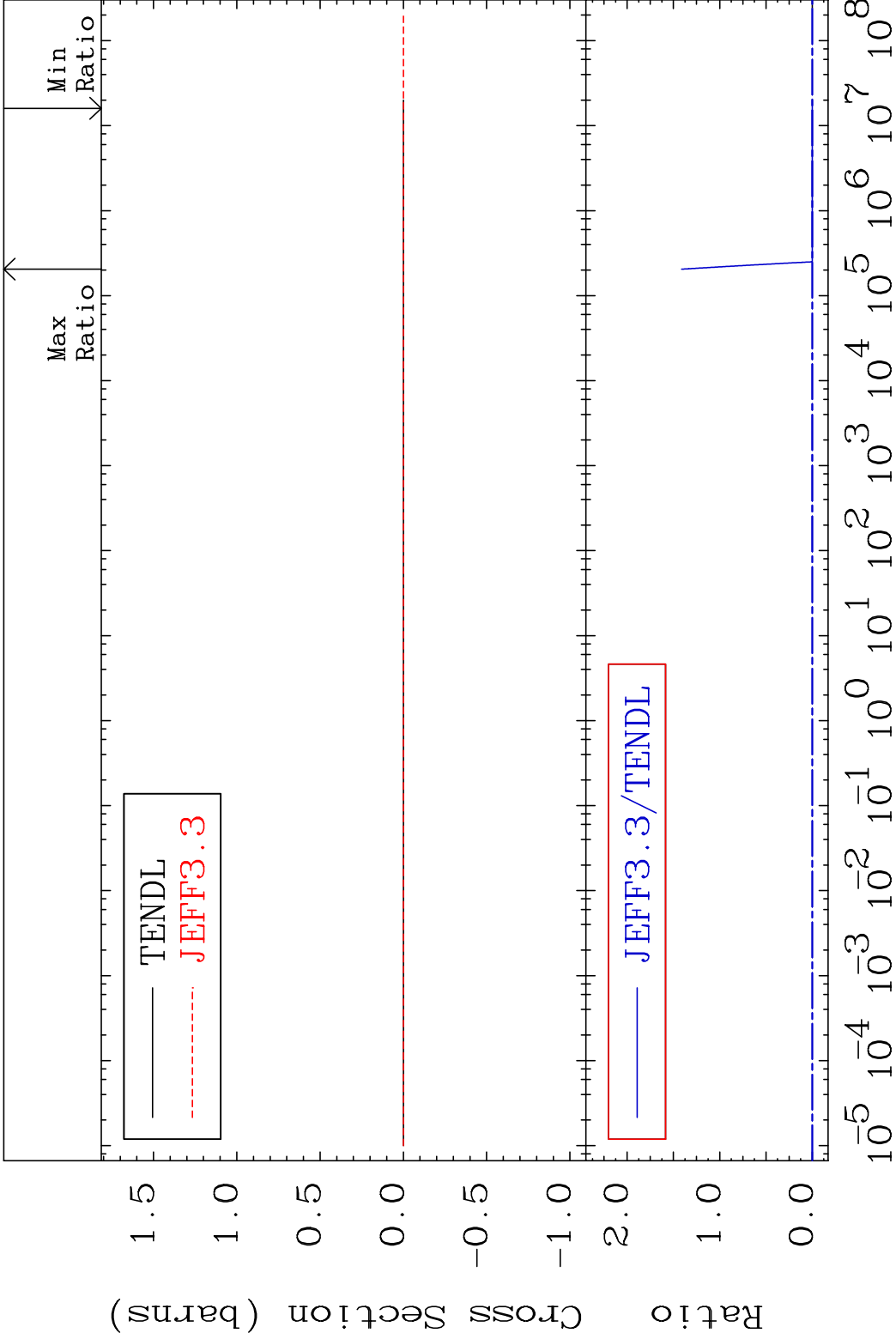
81-Tl-205

MAT 8131 Kerma non-elastic (all but mt2) 81-Tl-205
Cross Section -100.0 To 9999. %

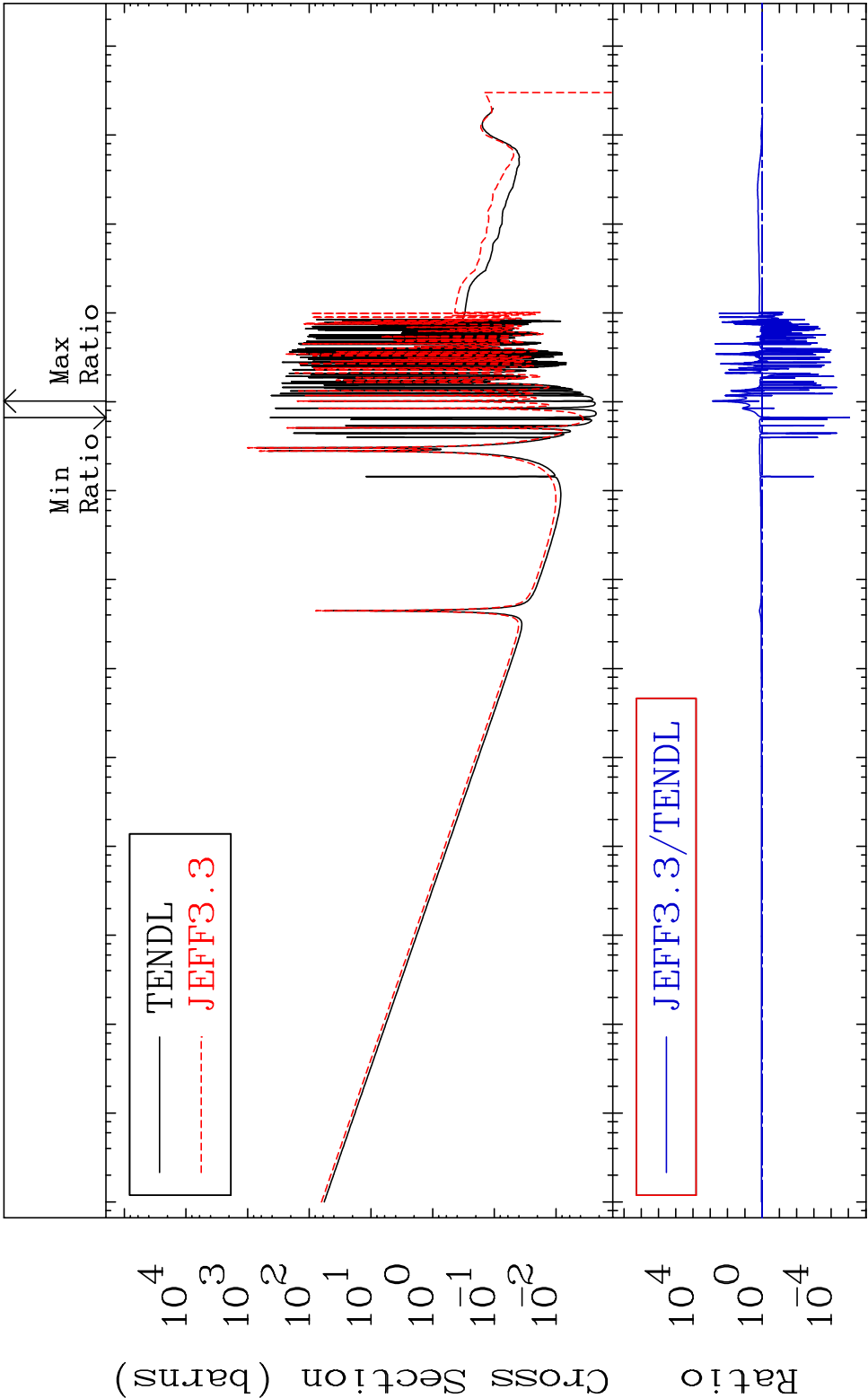


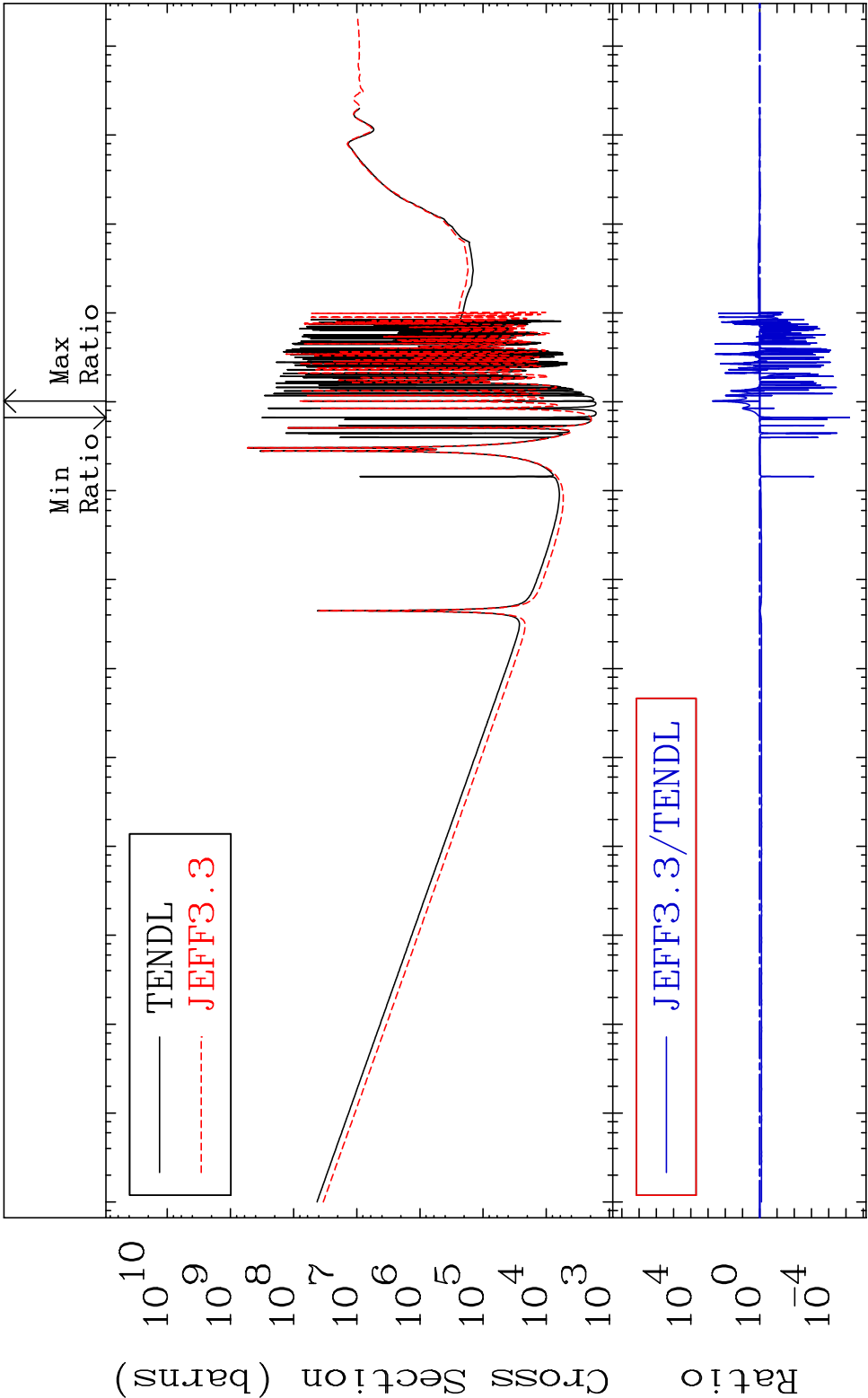


MAT 8131 Kerma fission (mt18 or mt19-20-21-38)1-205
Cross Section -1361. To 9999. %

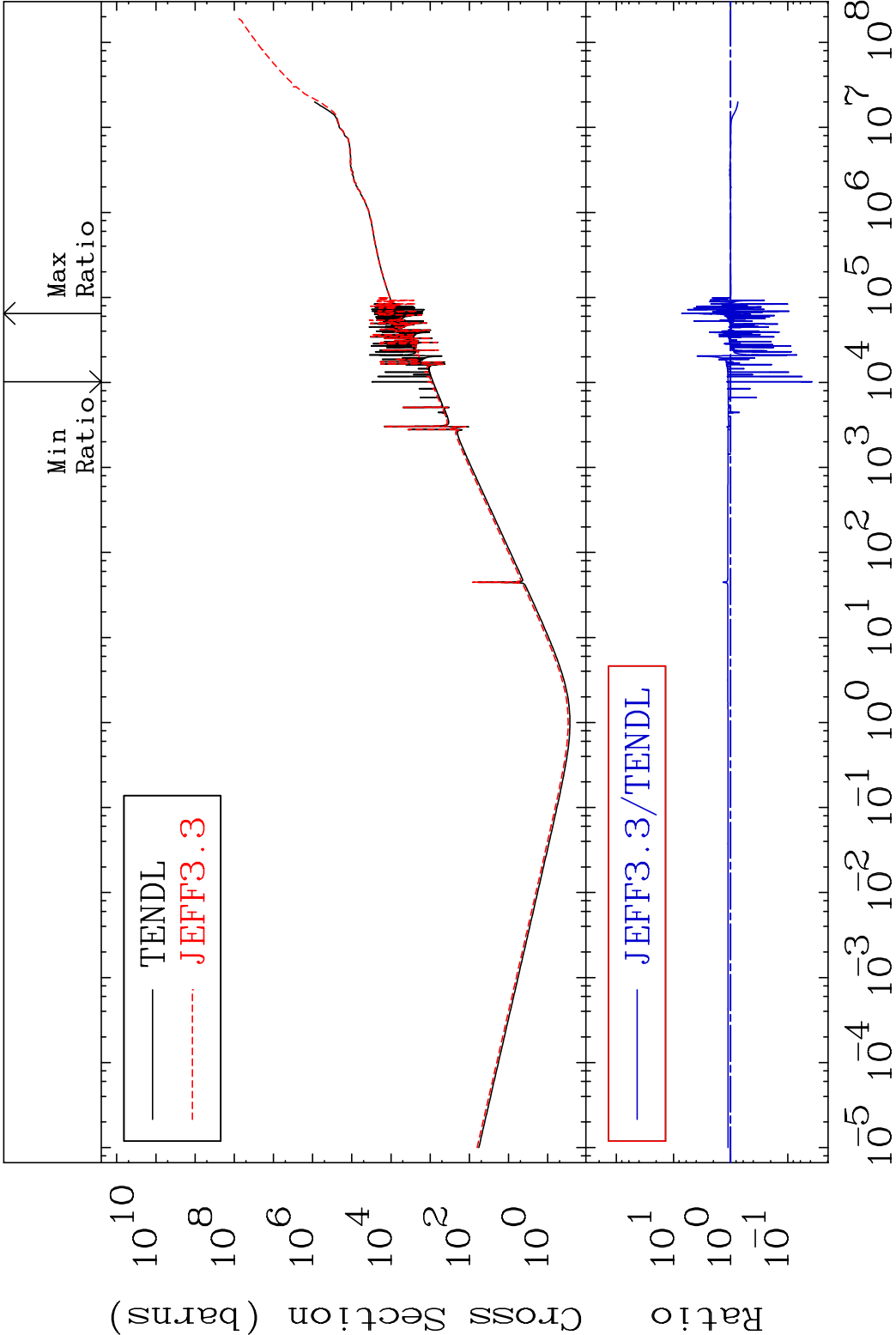


MAT 8131	Kerma capture (mt102)	81-Tl-205
	Cross Section	-100.0 To 9999. %

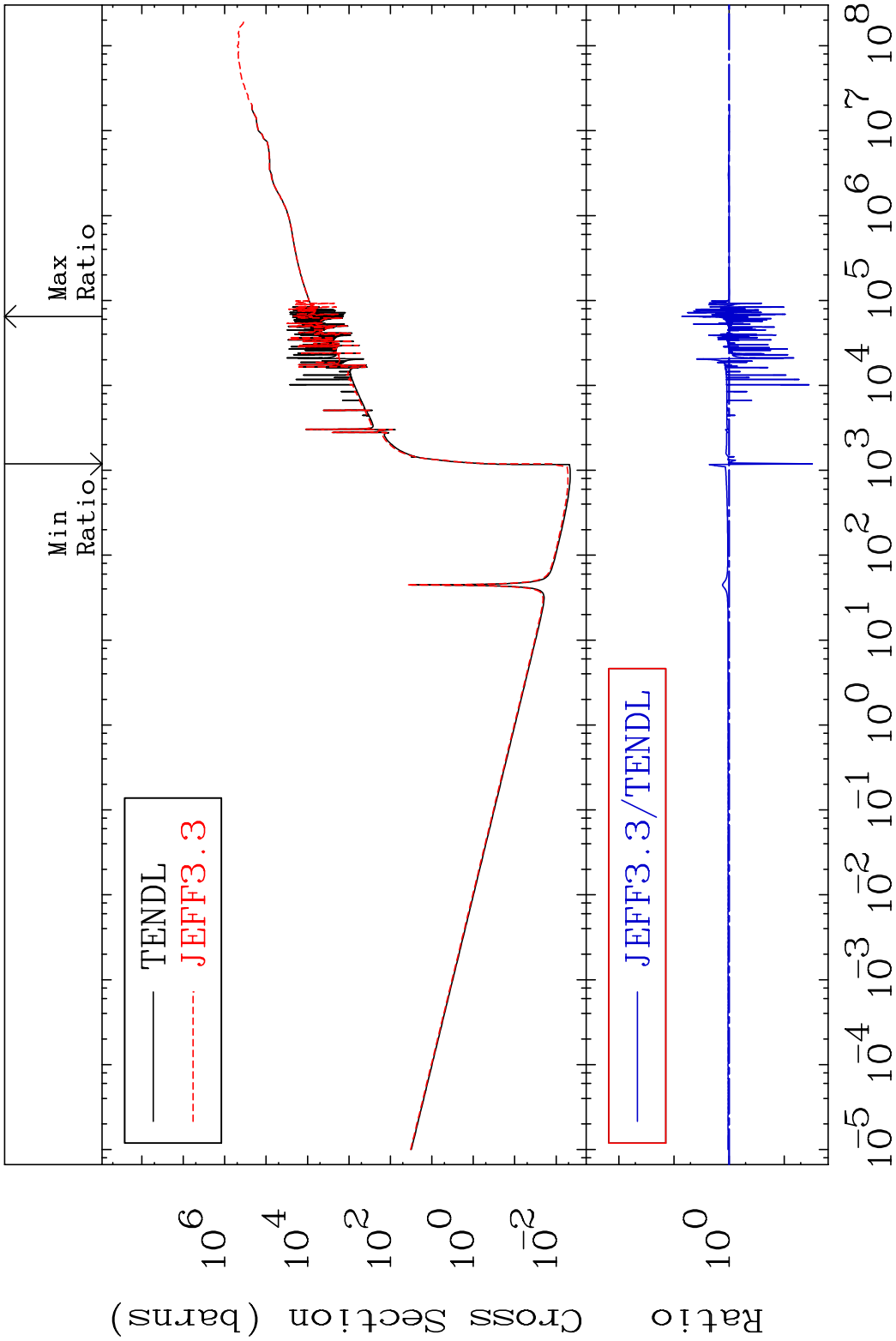




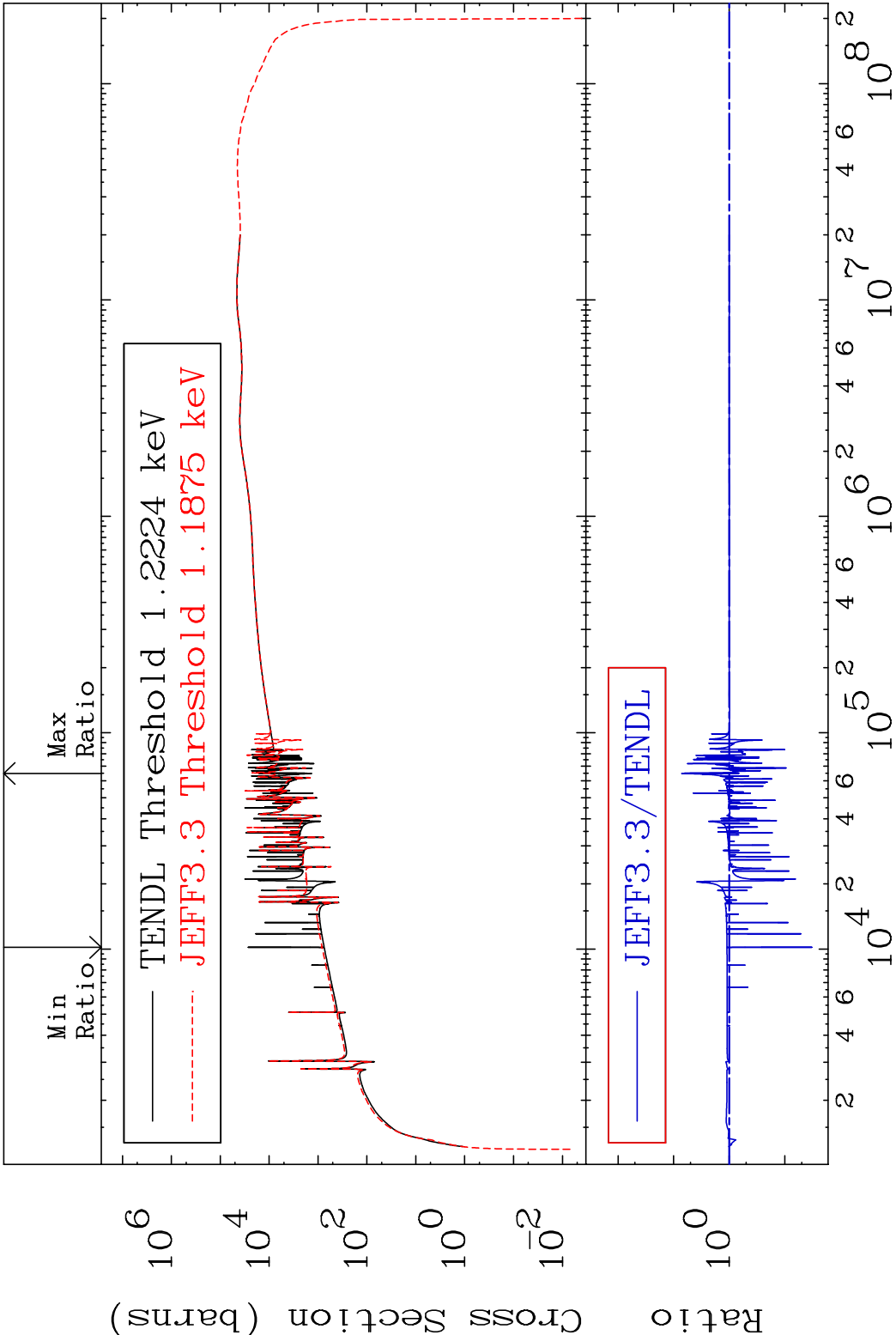
MAT 8131 Total kinematic kerma (high limit) 81-Tl-205
Cross Section -96.28 To 621.8 %

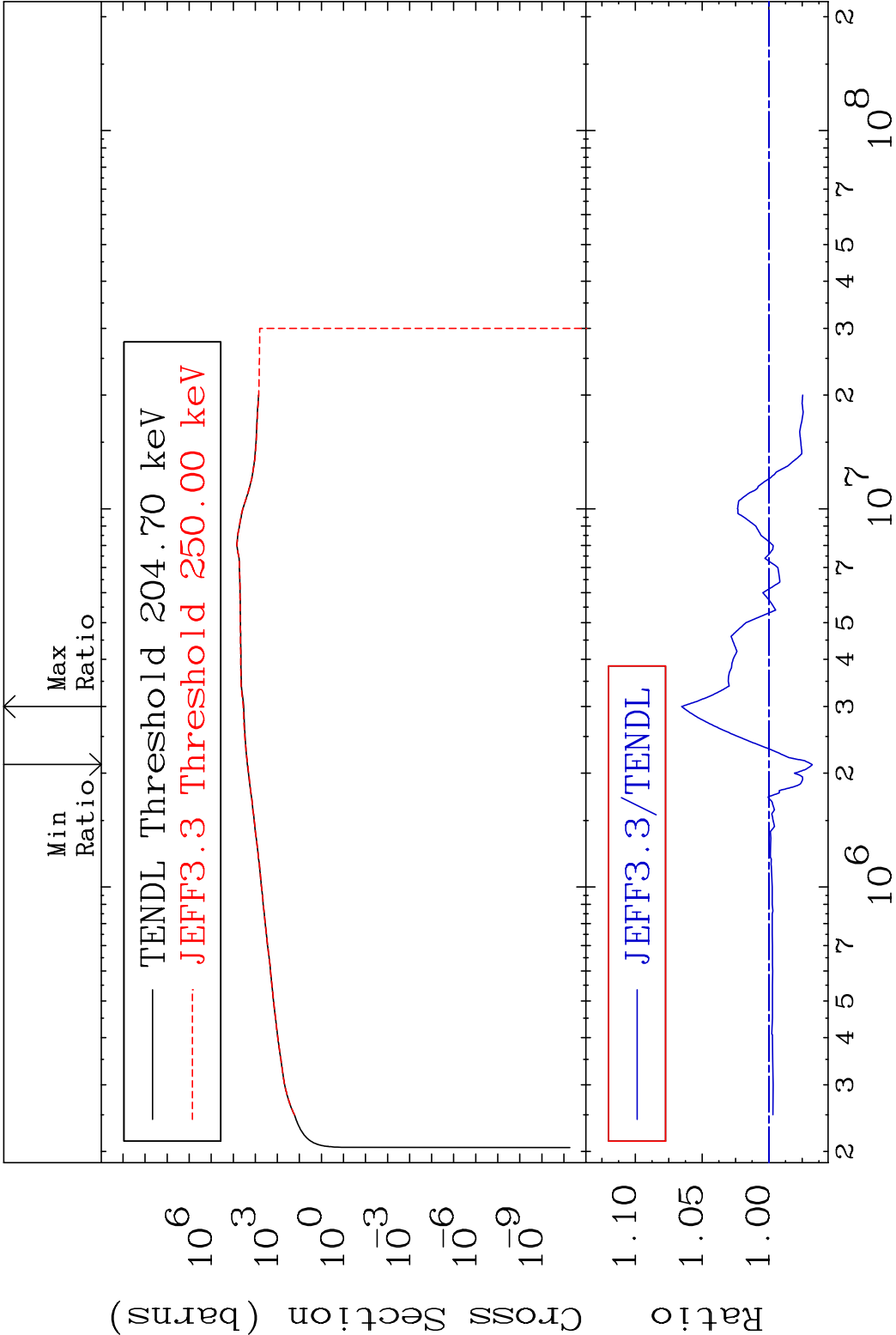


MAT 8131 Dpa total (eV-barns) 81-Tl-205
 Cross Section -96.92 To 621.9 %



48 Incident Energy (eV) 81-Tl-205





MAT 8131 Dpa disappearance (mt102 -120) 81-T1-205
 Cross Section -100.0 To 9999. %

