

Program Complot
(Version 2021-1)

by

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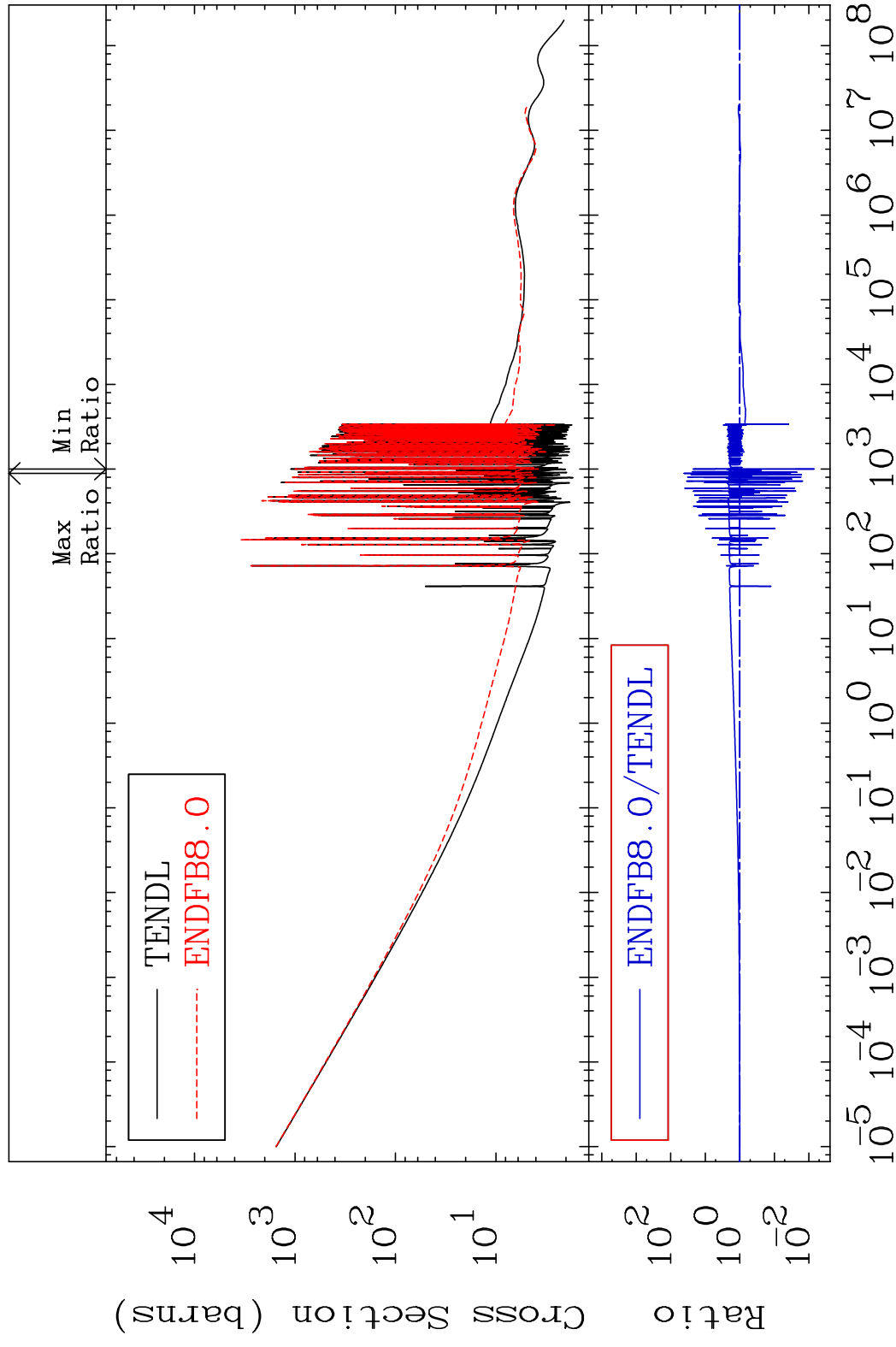
Press Mouse Button to Start

MAT 5331

Total

53-I -129

Cross Section -99.30 To 4013. %



1

Incident Energy (eV)

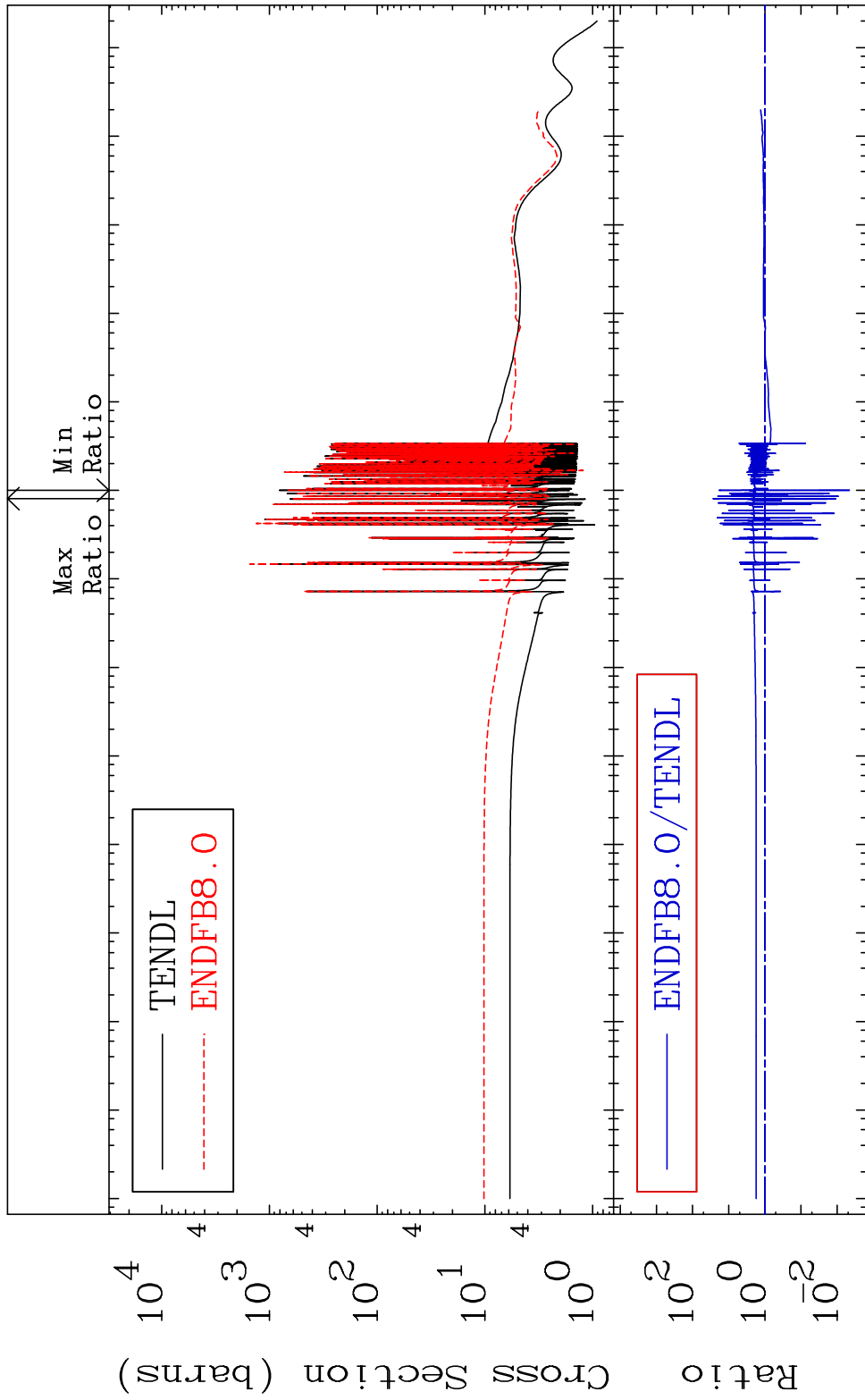
53-I -129

MAT 5331

Elastic

53-I -129

Cross Section -99.54 To 2584. %

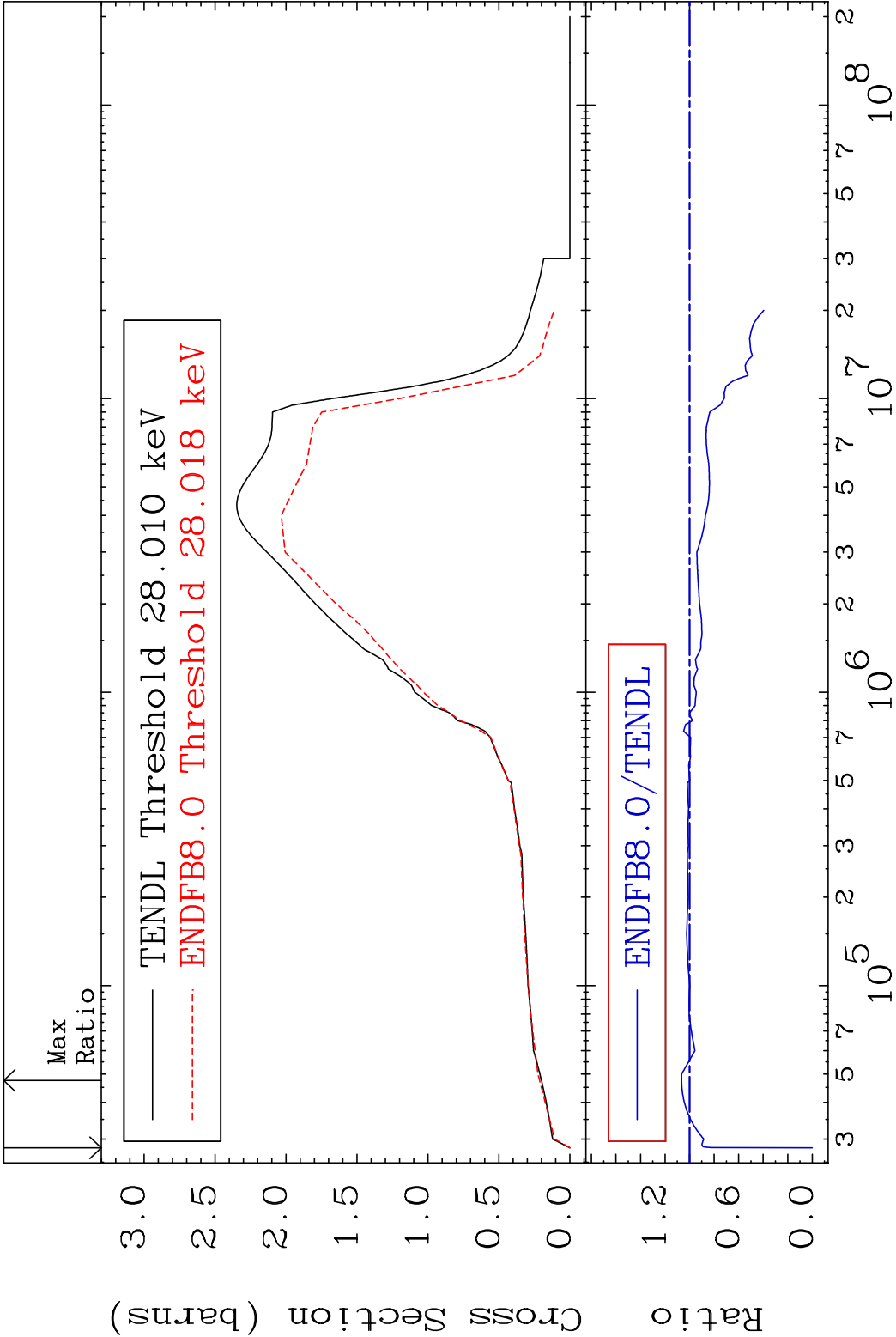


2

Incident Energy (eV)

53-I -129

MAT 5331 Inelastic 53-I -129
Cross Section -100.0 To 6.538 %

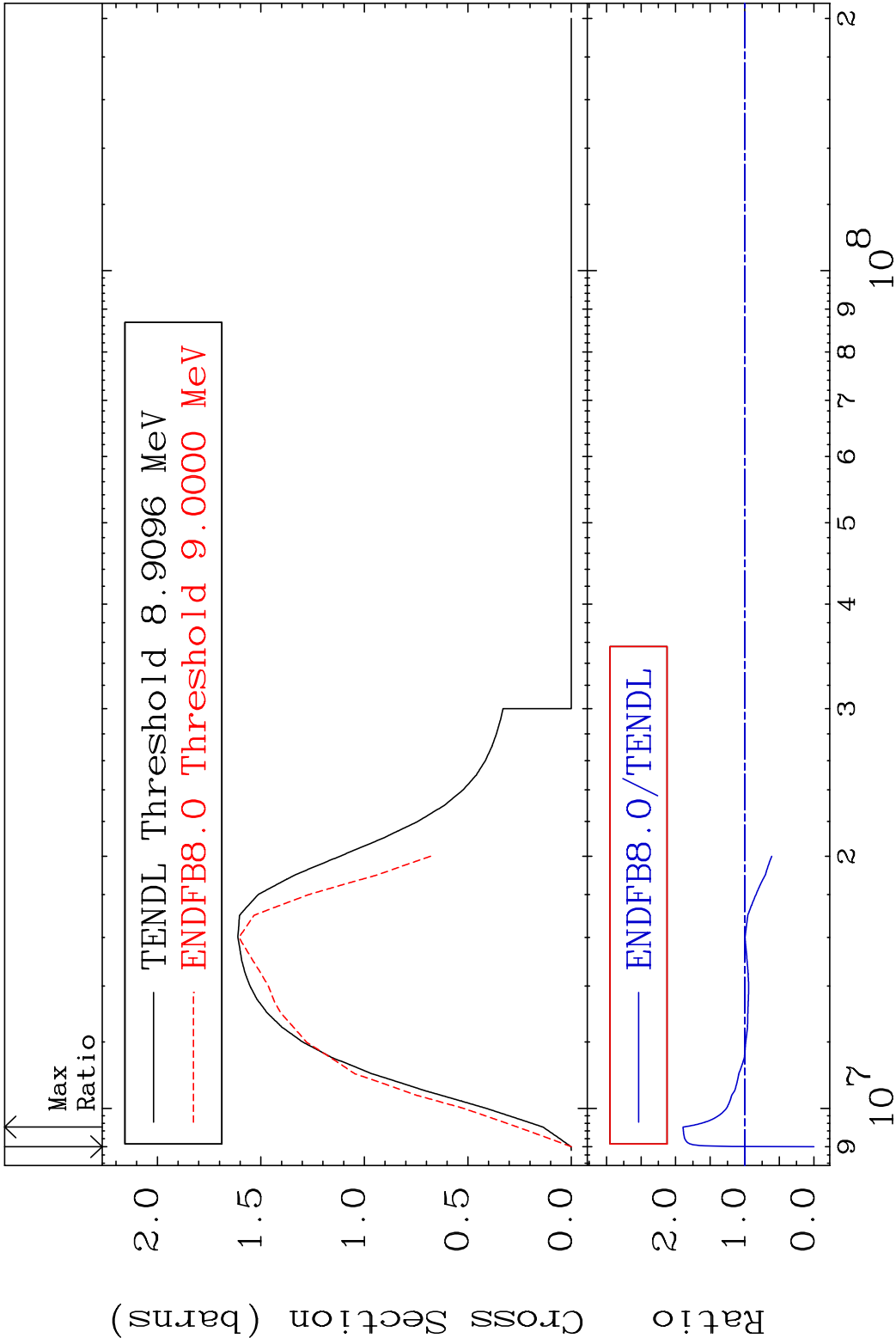


MAT 5331

(n,2n)

53-I -129

Cross Section -100.0 To 89.27 %



4

Incident Energy (eV)

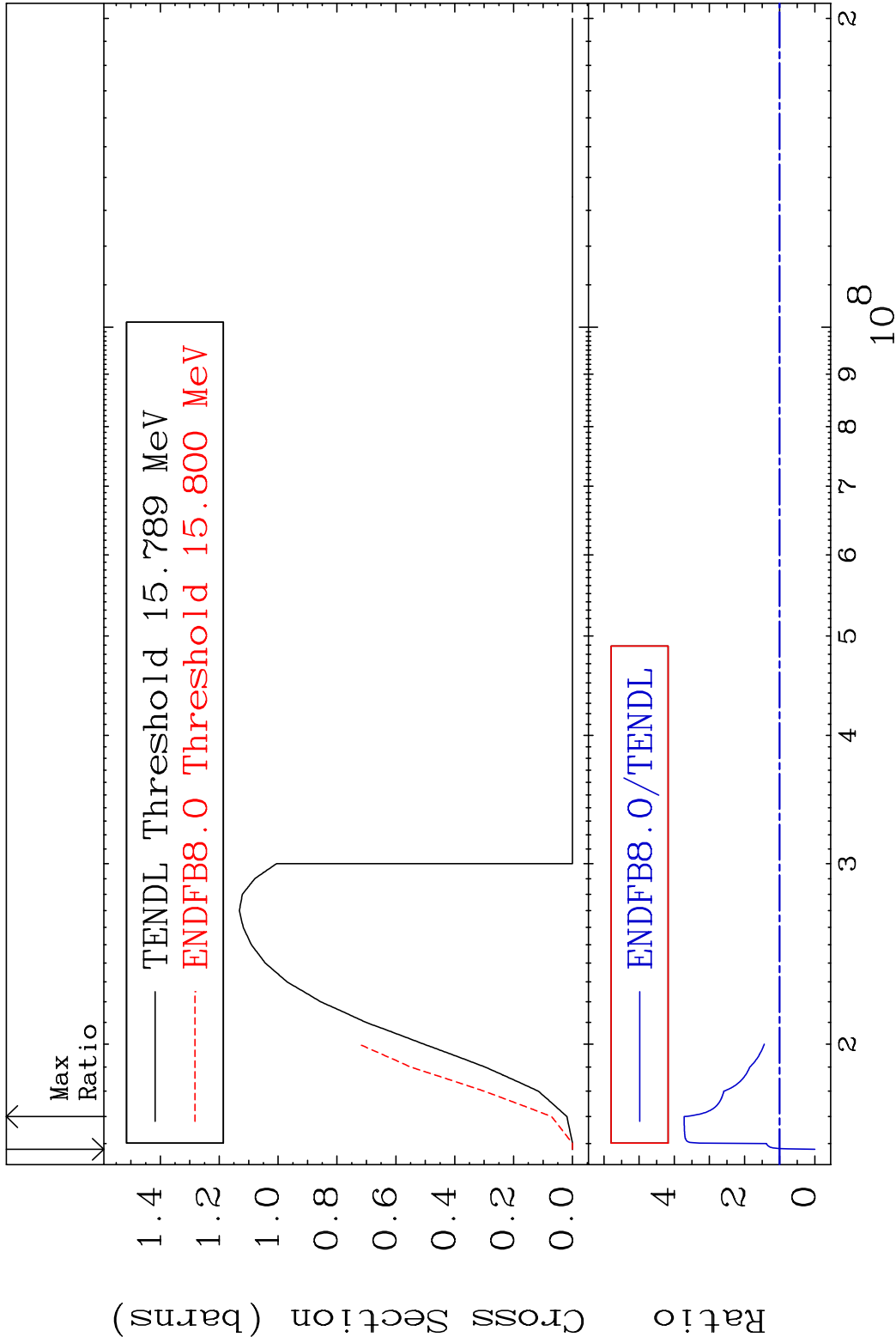
53-I -129

MAT 5331

(n,3n)

53-I -129

Cross Section -100.0 To 272.0 %

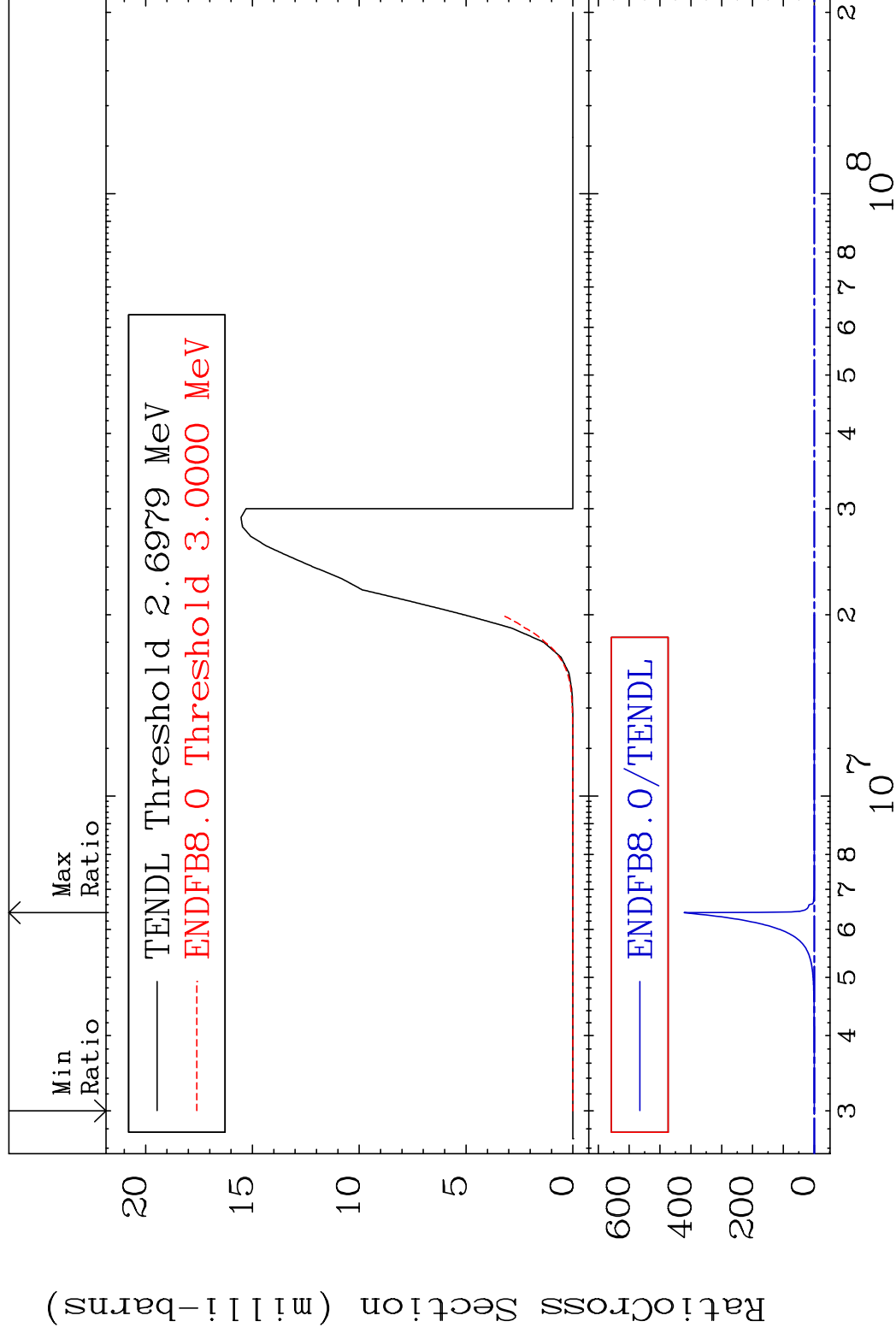


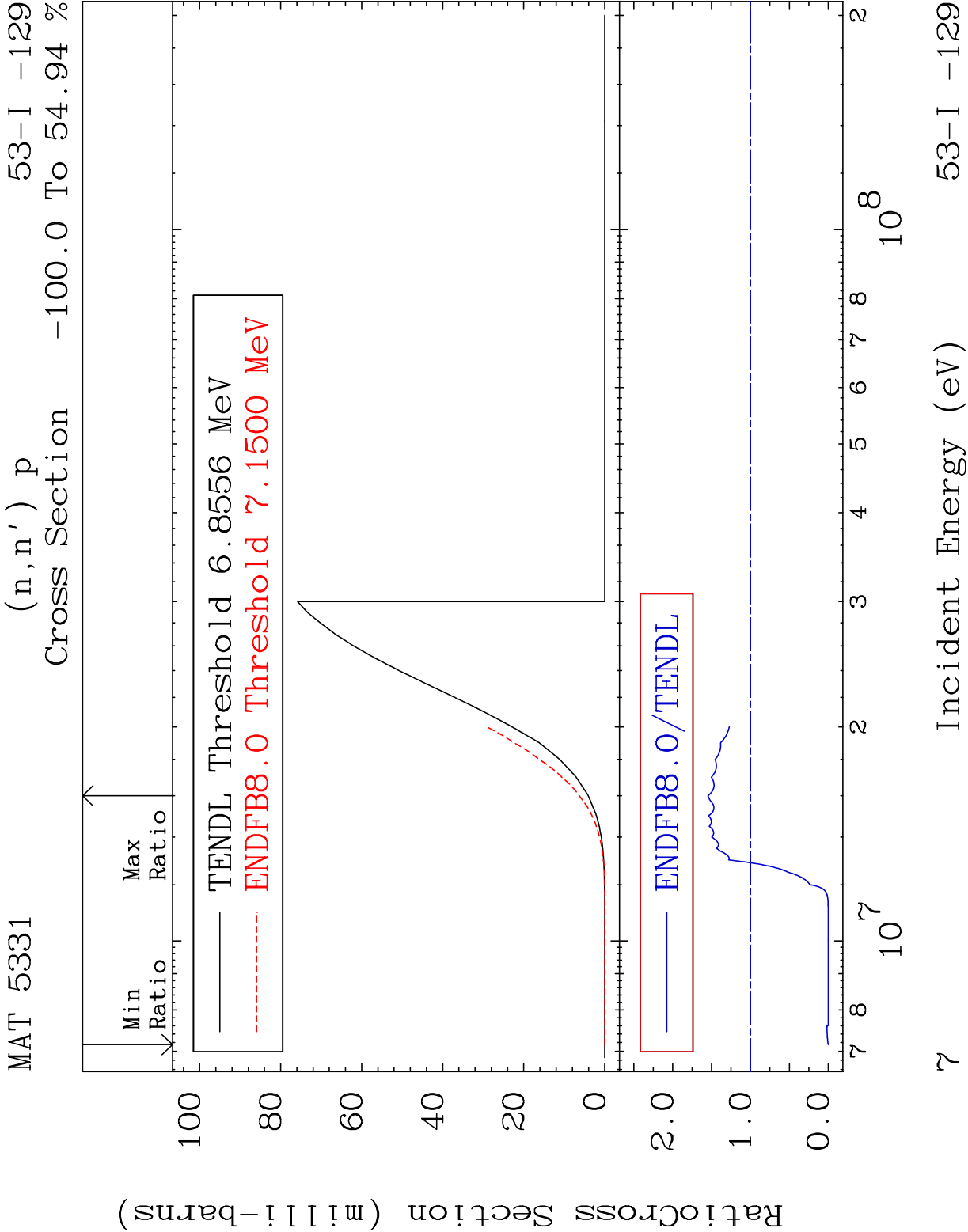
MAT 5331

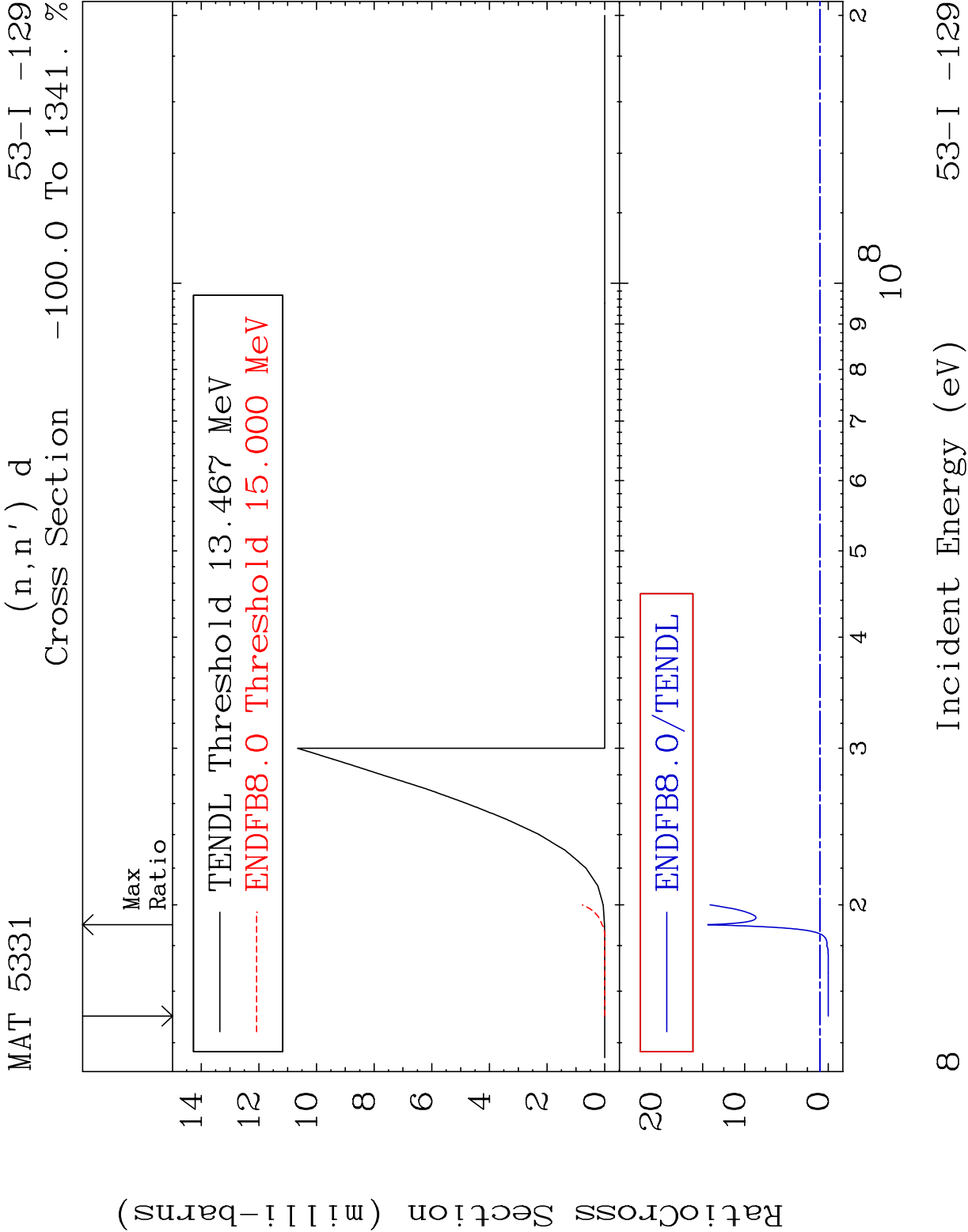
$$(n, n') \propto$$

53-I -129

Cross Section -100.0 To 9999. %

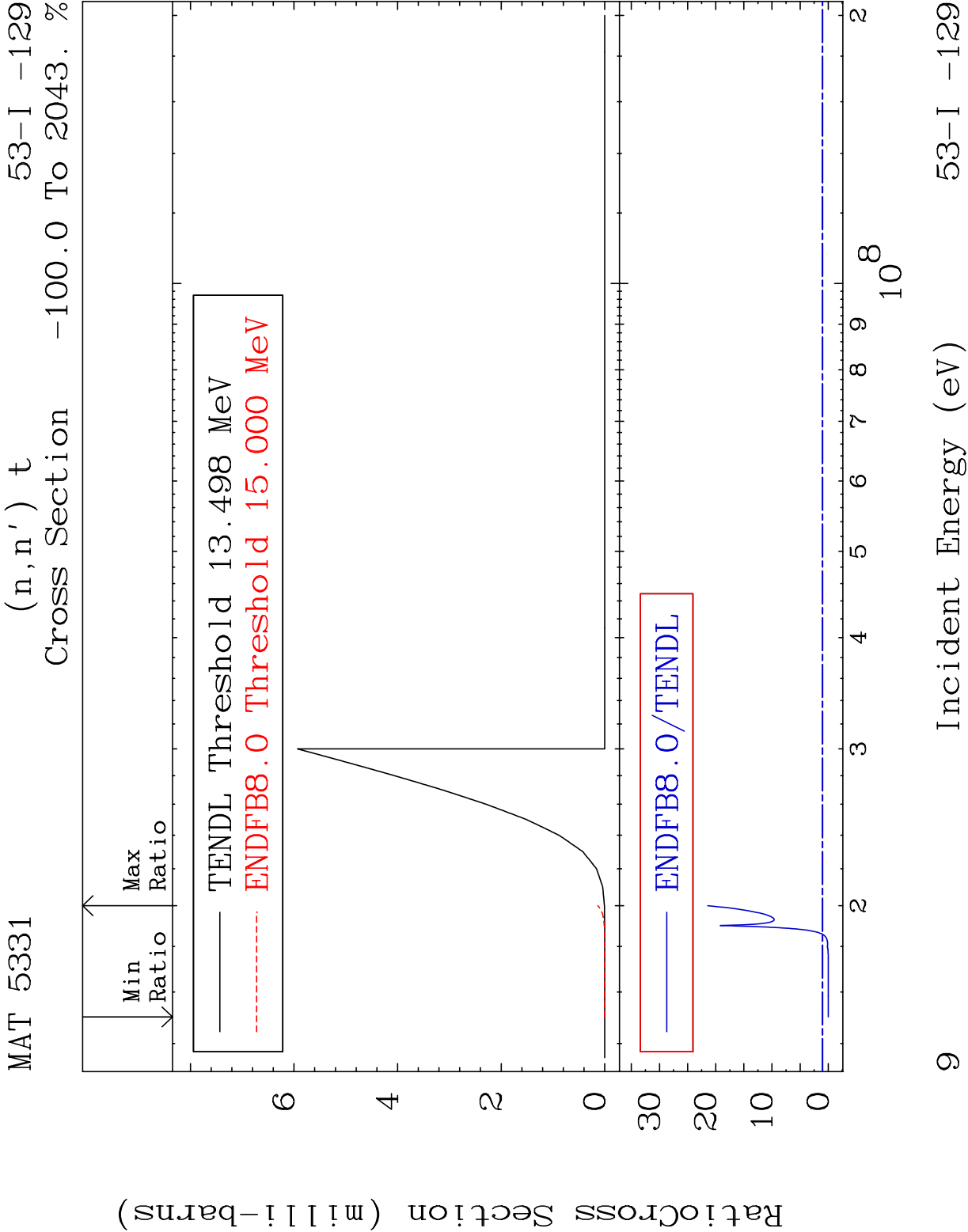






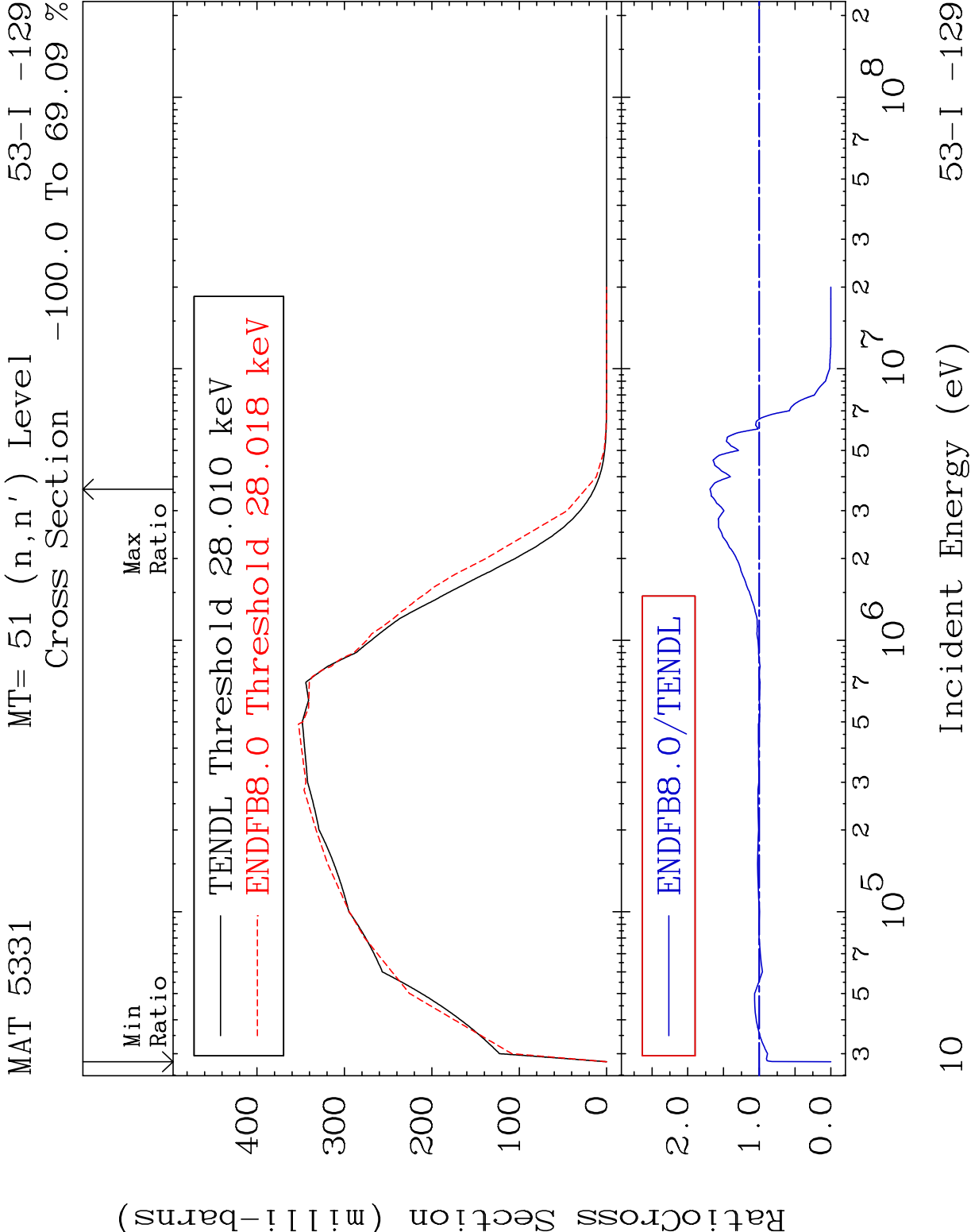
8

53-I -129

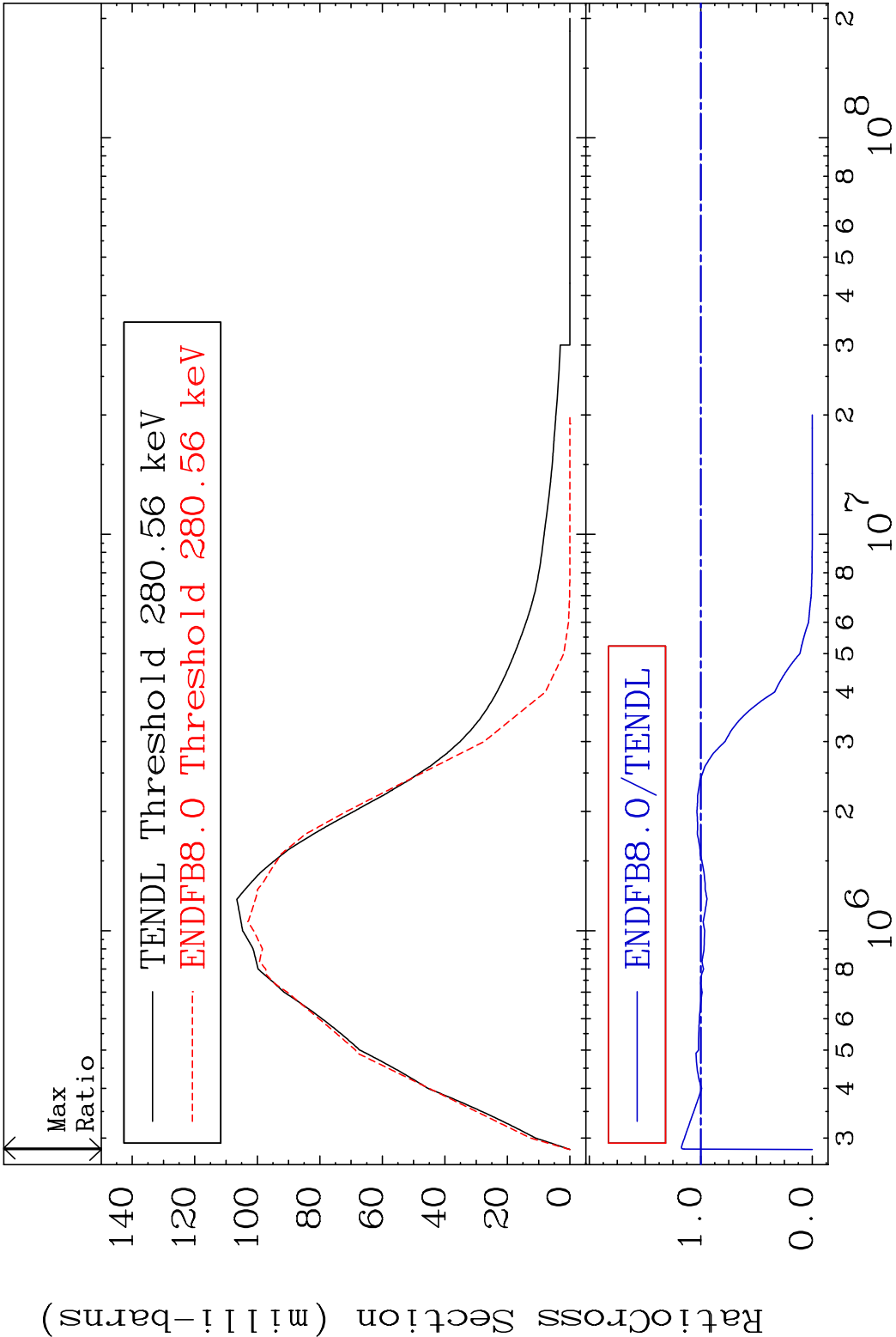


9

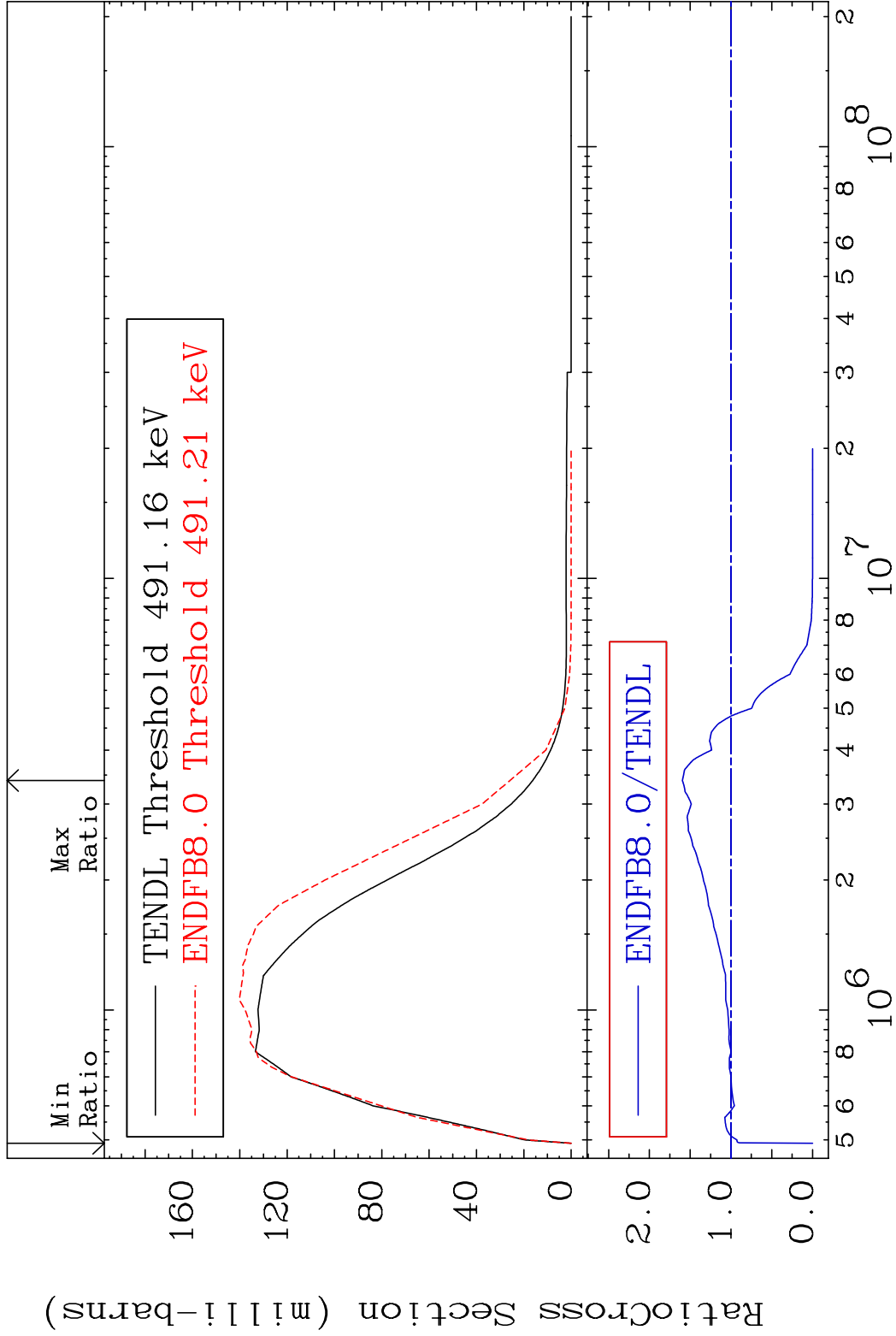
53-I -129



MAT 5331 MT= 52 (n,n') Level 53-I -129
 Cross Section -100.0 To 17.30 %



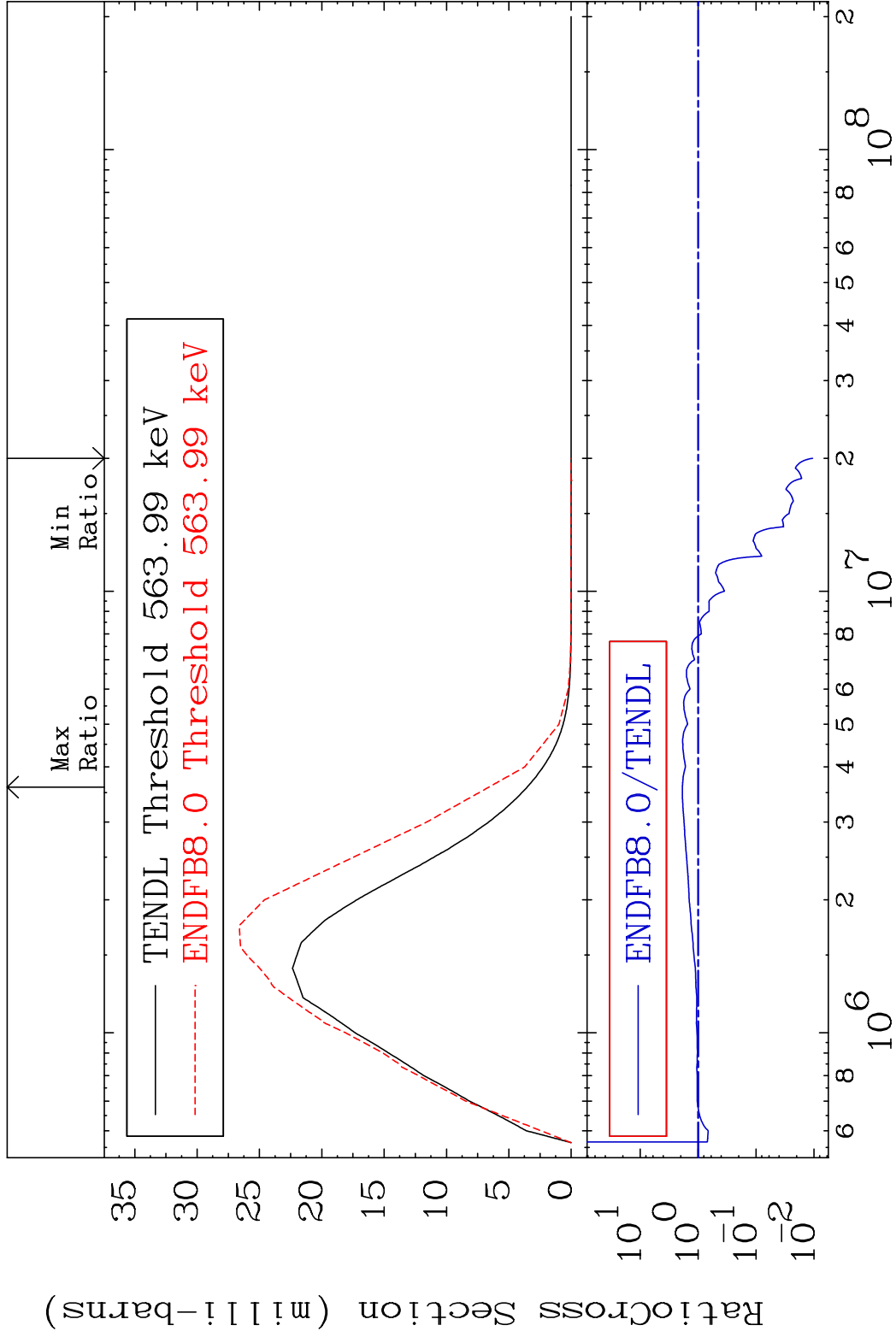
MAT 5331 MT= 53 (n,n') Level 53-I -129
Cross Section -100.0 To 59.61 %



12 Incident Energy (eV) 53-I -129

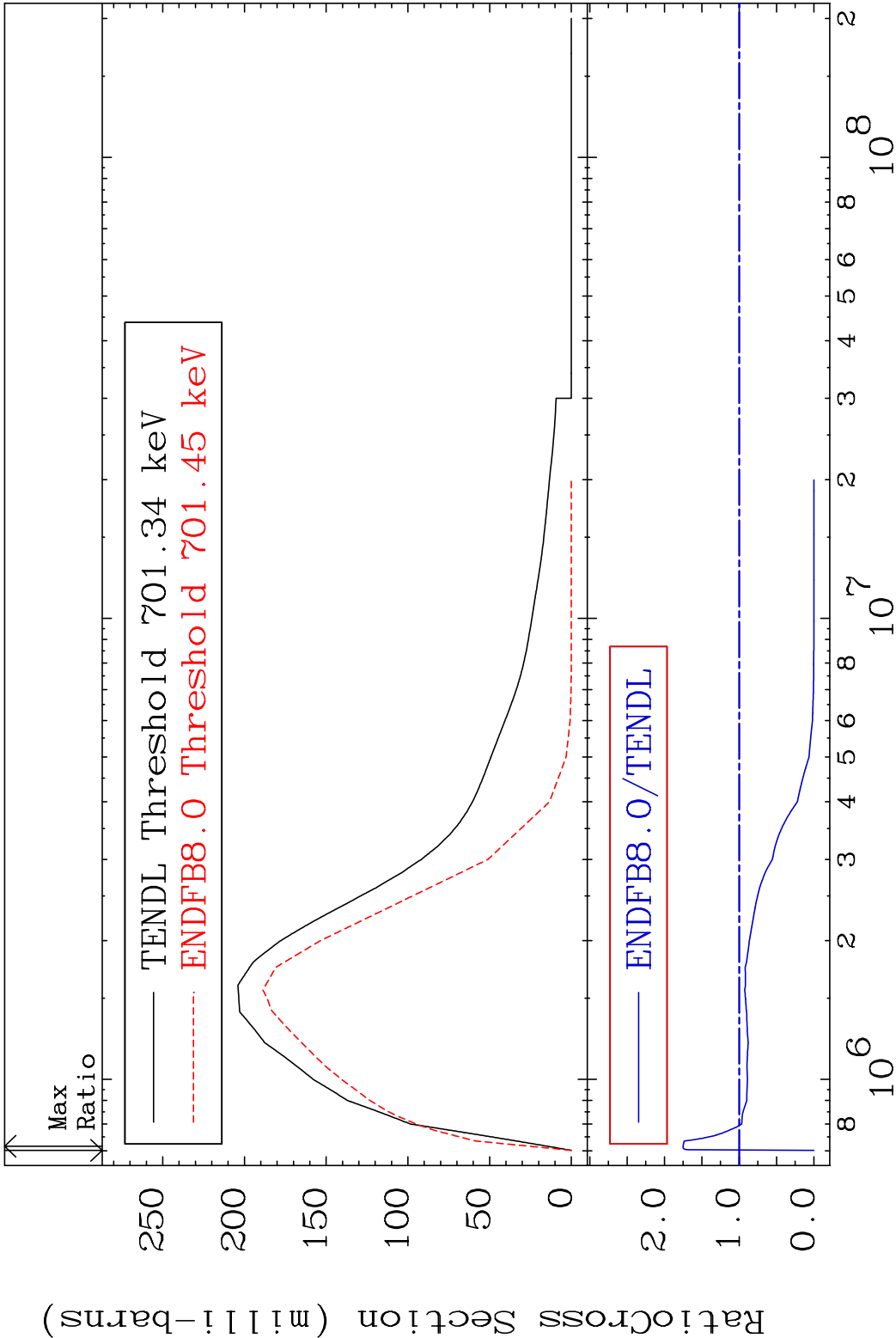
MAT 5331 MT= 54 (n,n') Level 53-I -129

Cross Section -98.94 To 87.39 %



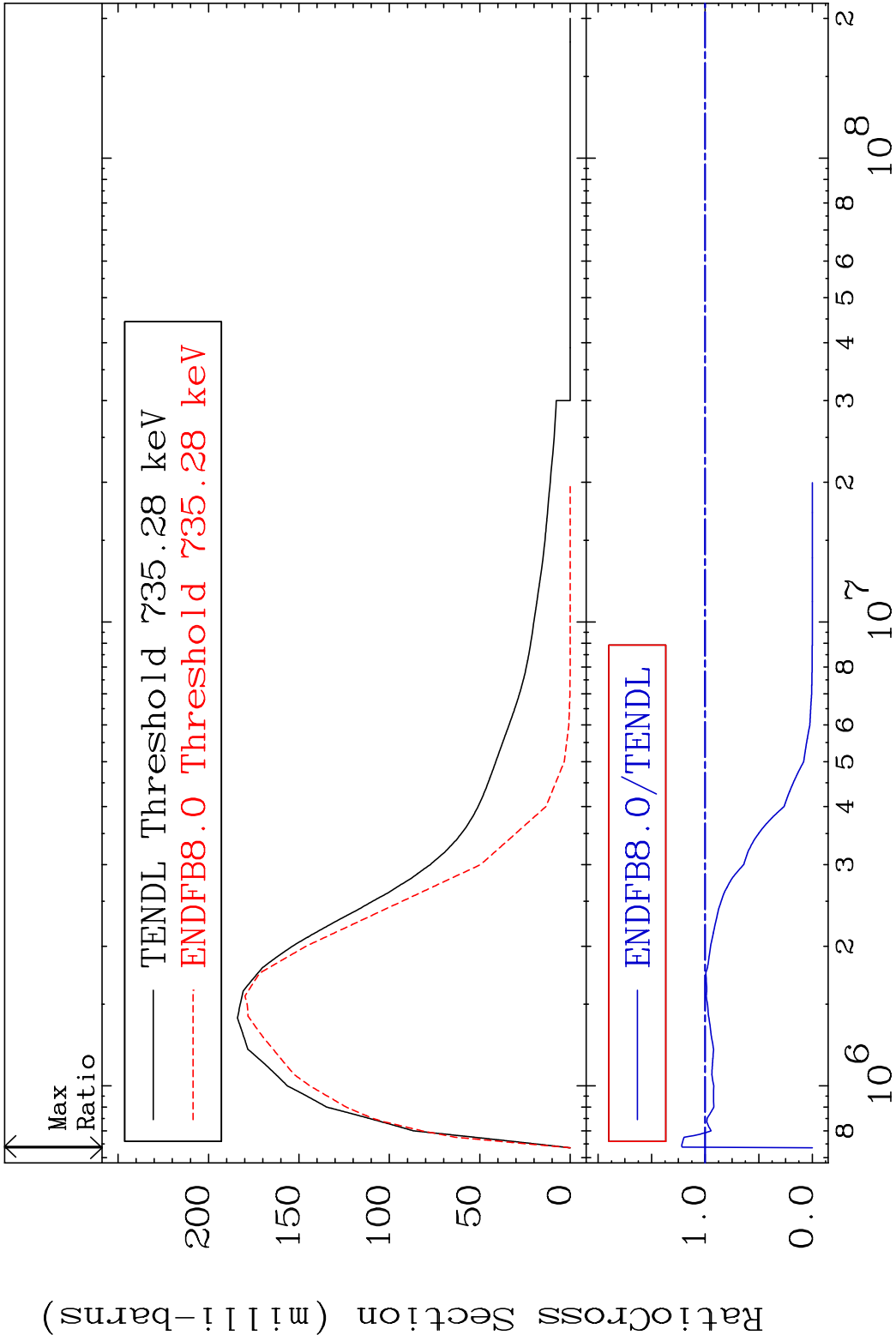
13 Incident Energy (eV) 53-I -129

MAT 5331 MT= 55 (n,n') Level 53-I -129
Cross Section -100.0 To 75.13 %

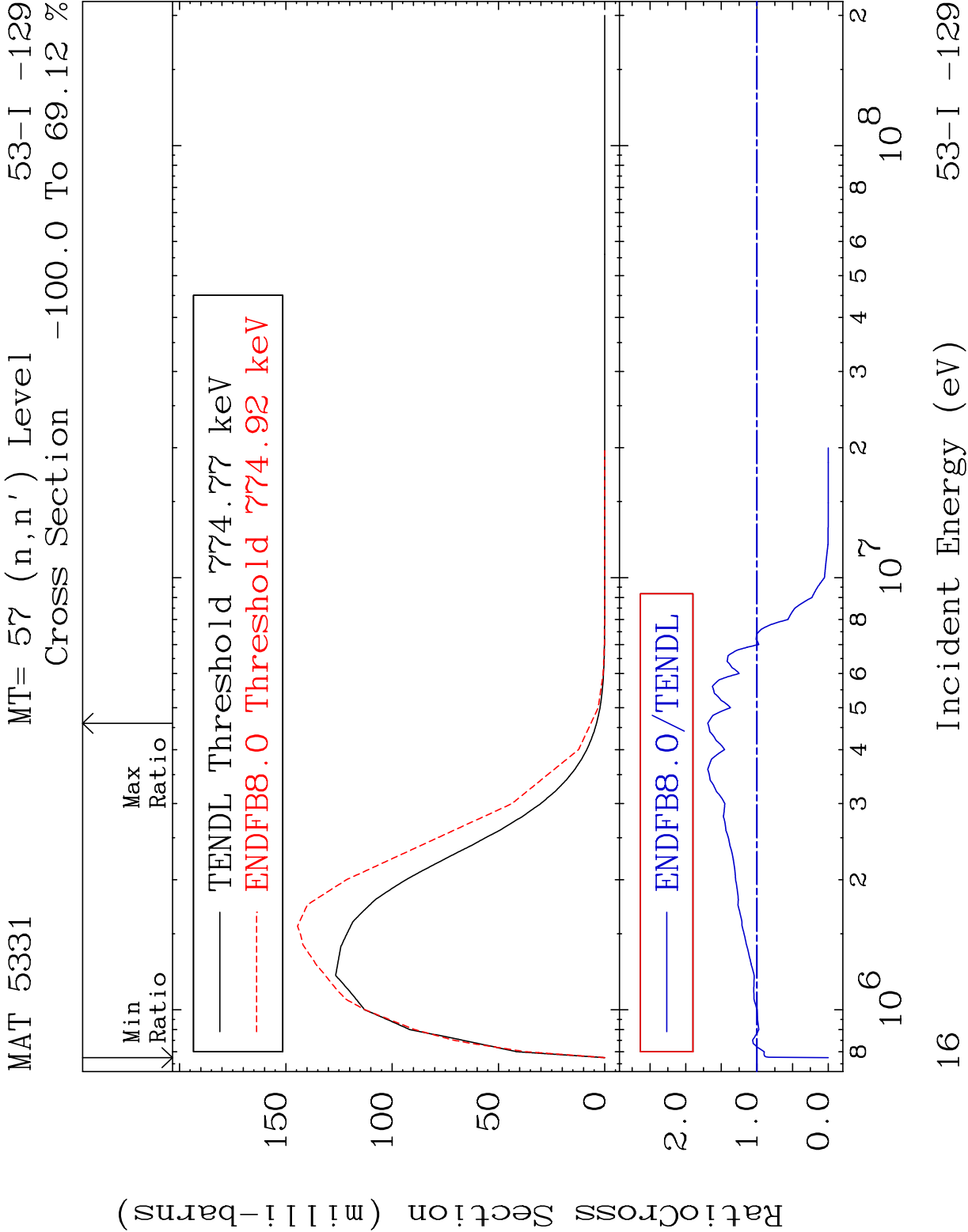


14 Incident Energy (eV) 53-I -129

MAT 5331 MT= 56 (n,n') Level 53-I -129
Cross Section -100.0 To 21.91 %



15 Incident Energy (eV) 53-I -129



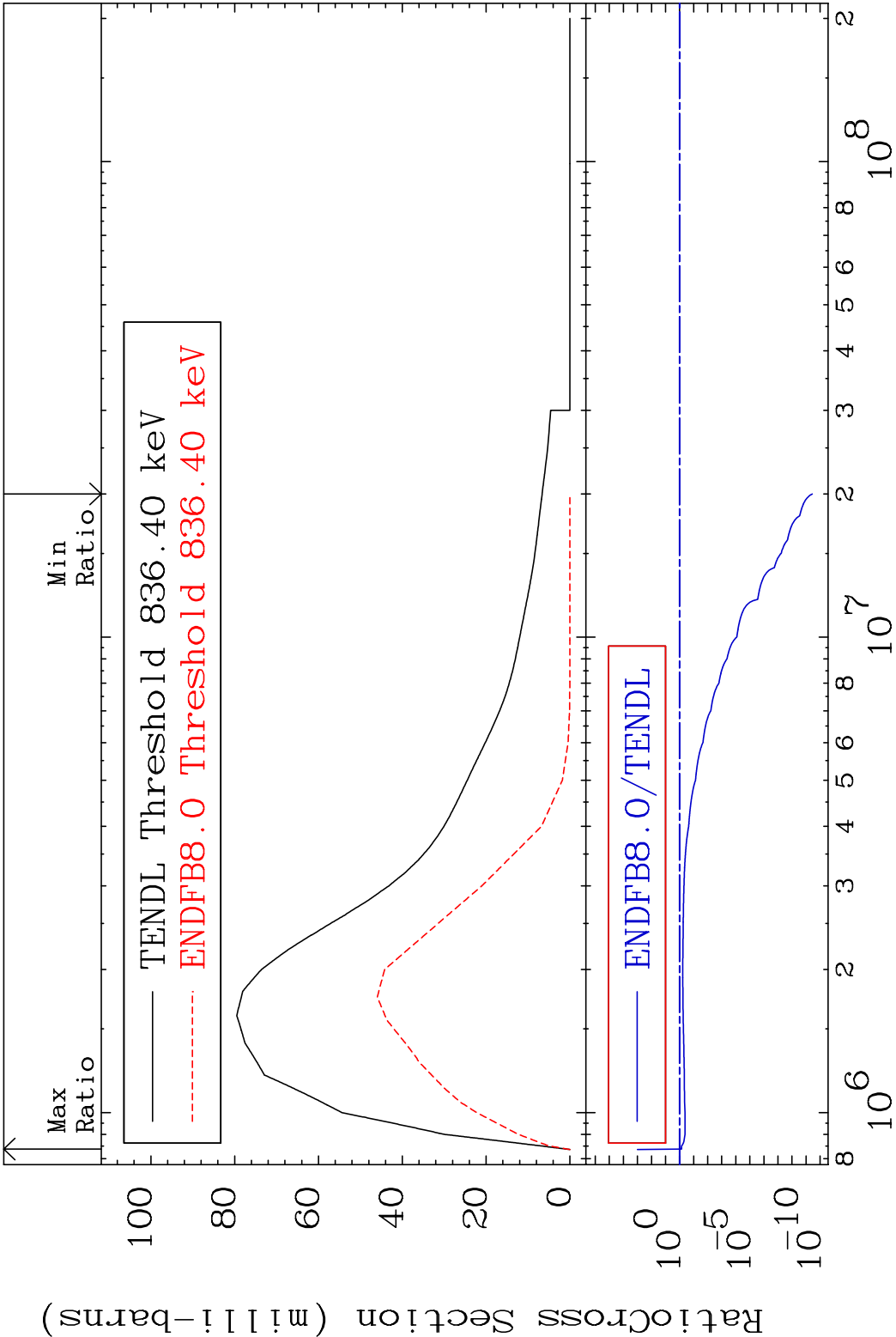
MAT 5331

MT= 58 (n,n') Level

53-I -129

Cross Section

-100.0 To -27.44%

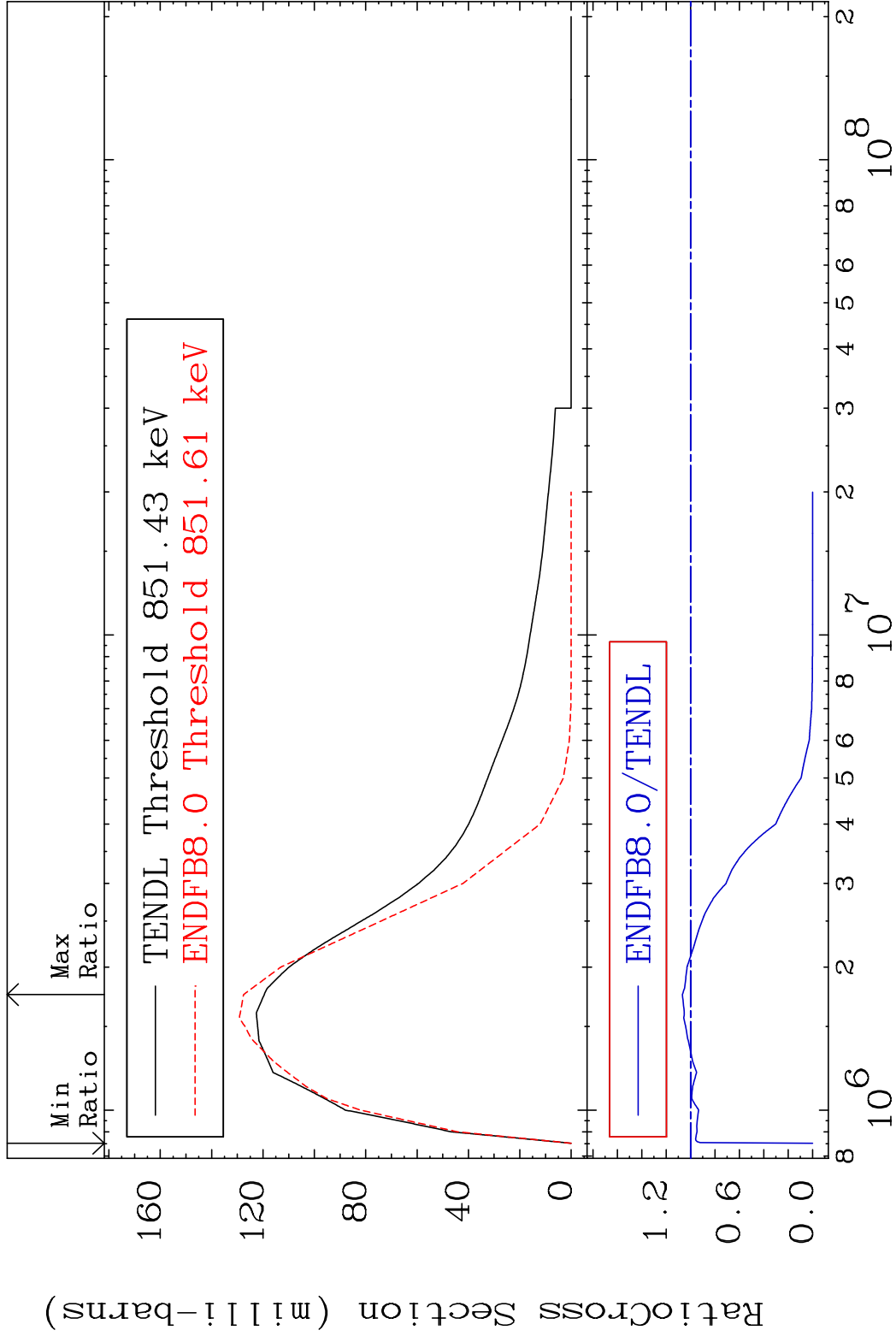


17

Incident Energy (eV)

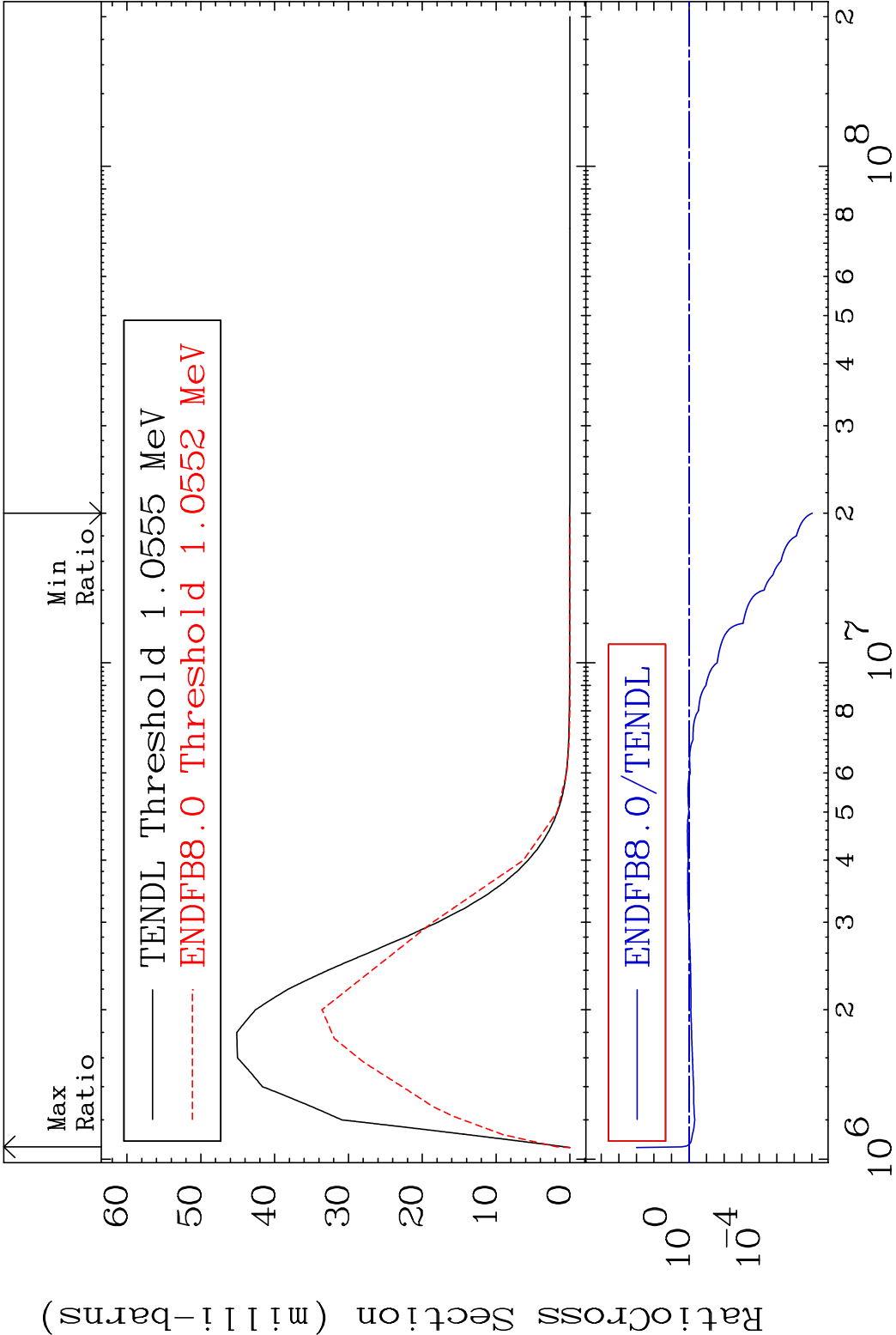
53-I -129

MAT 5331 MT= 59 (n,n') Level 53-I -129
Cross Section -100.0 To 6.736 %



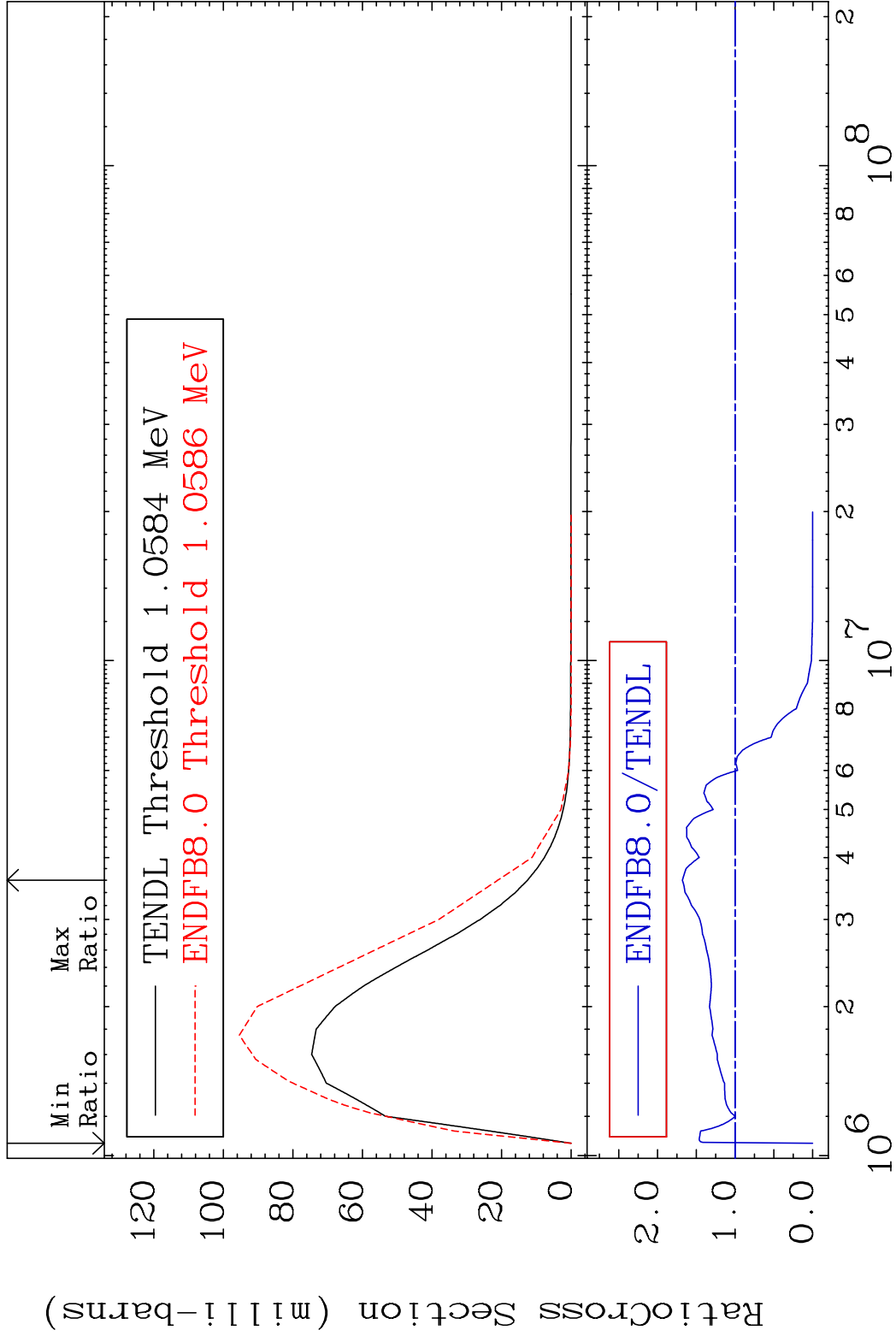
18 Incident Energy (eV) 53-I -129

MAT 5331 MT= 60 (n,n') Level 53-I -129
Cross Section -100.0 To 167.4 %



19 Incident Energy (eV) 53-I -129

MAT 5331 MT= 61 (n,n') Level 53-I -129
Cross Section -100.0 To 68.04 %



Incident Energy (eV) 53-I -129

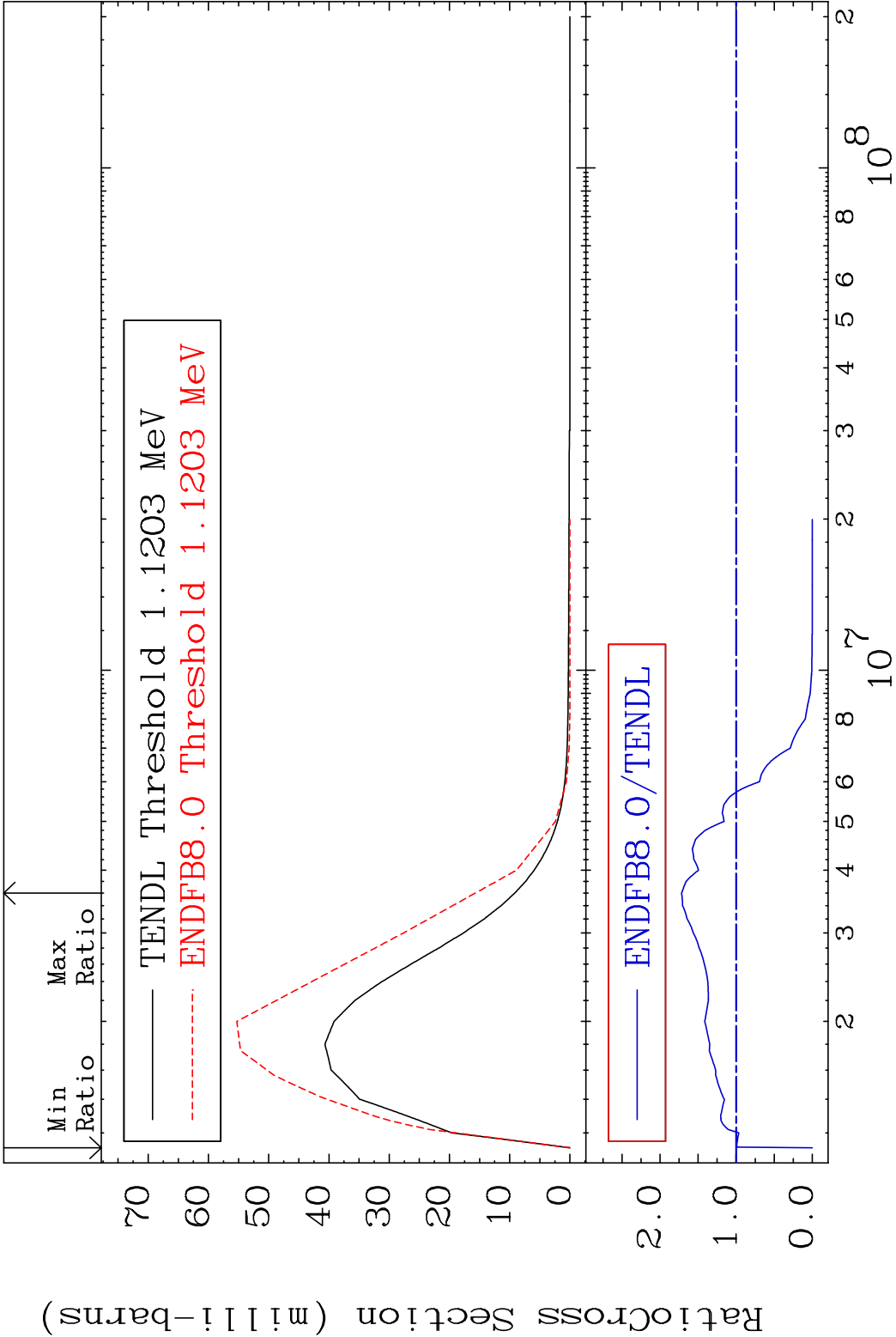
MAT 5331

MT= 62 (n,n') Level

53-I -129

Cross Section

-100.0 To 71.82 %



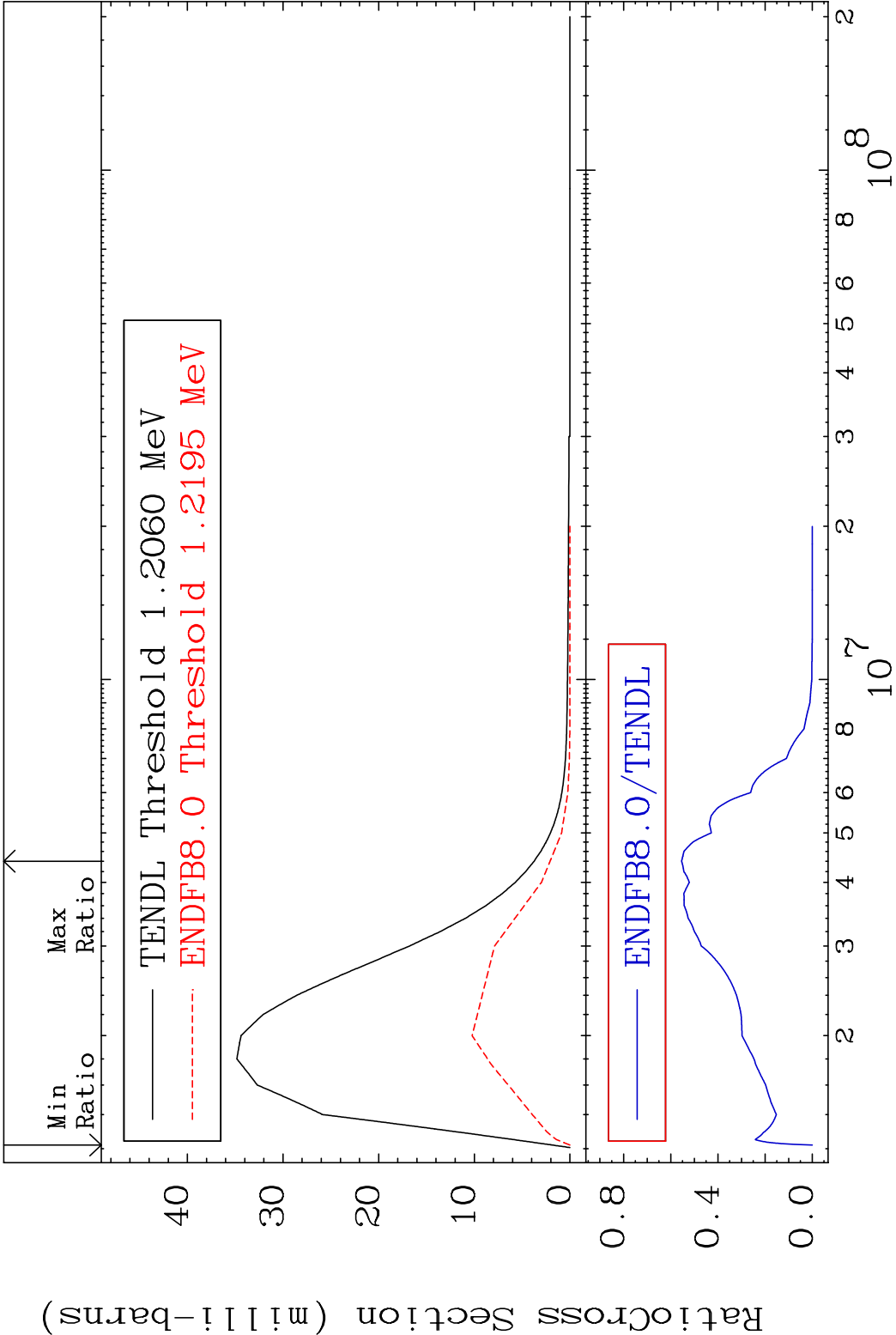
MAT 5331

MT= 63 (n,n') Level

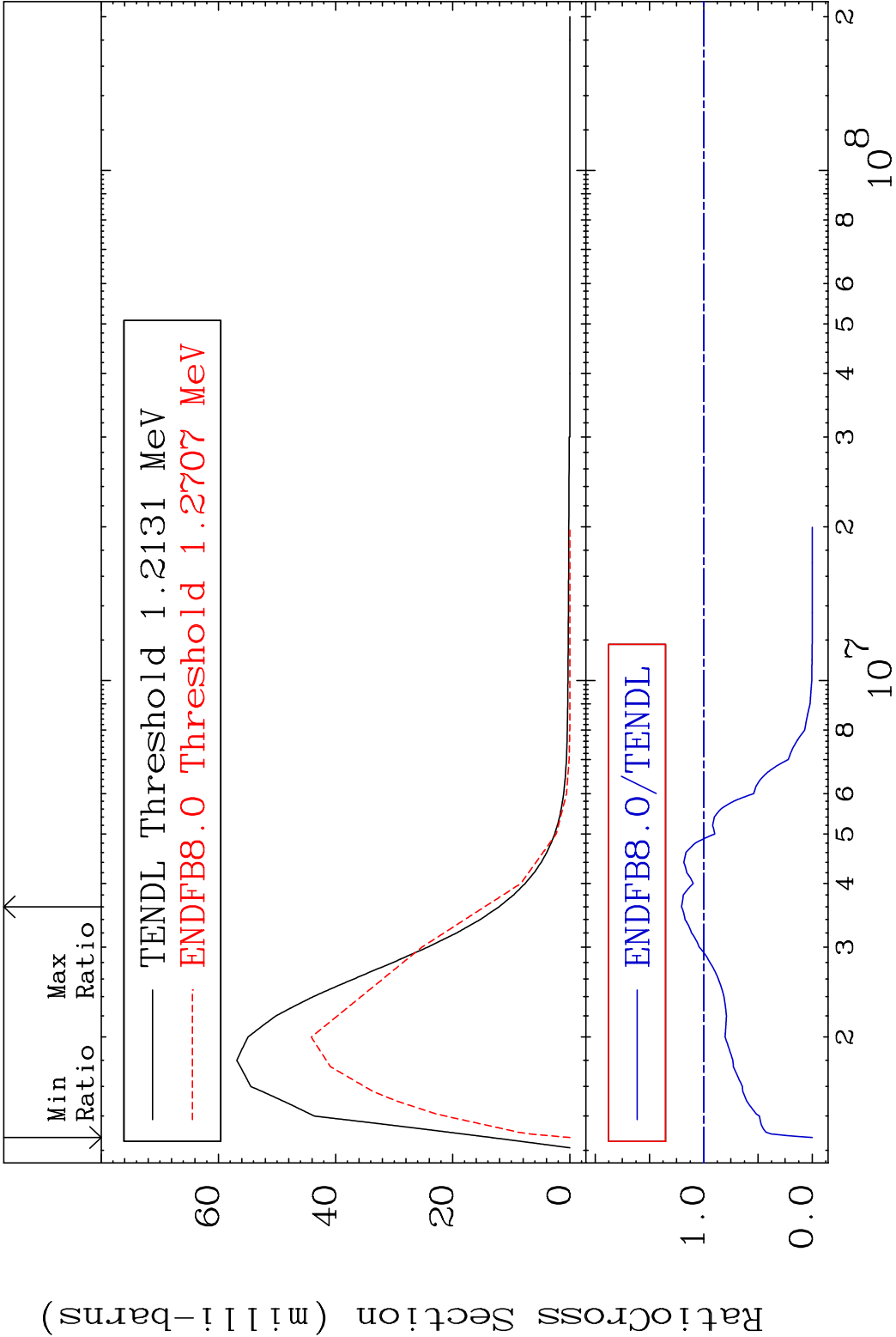
53-I -129

Cross Section

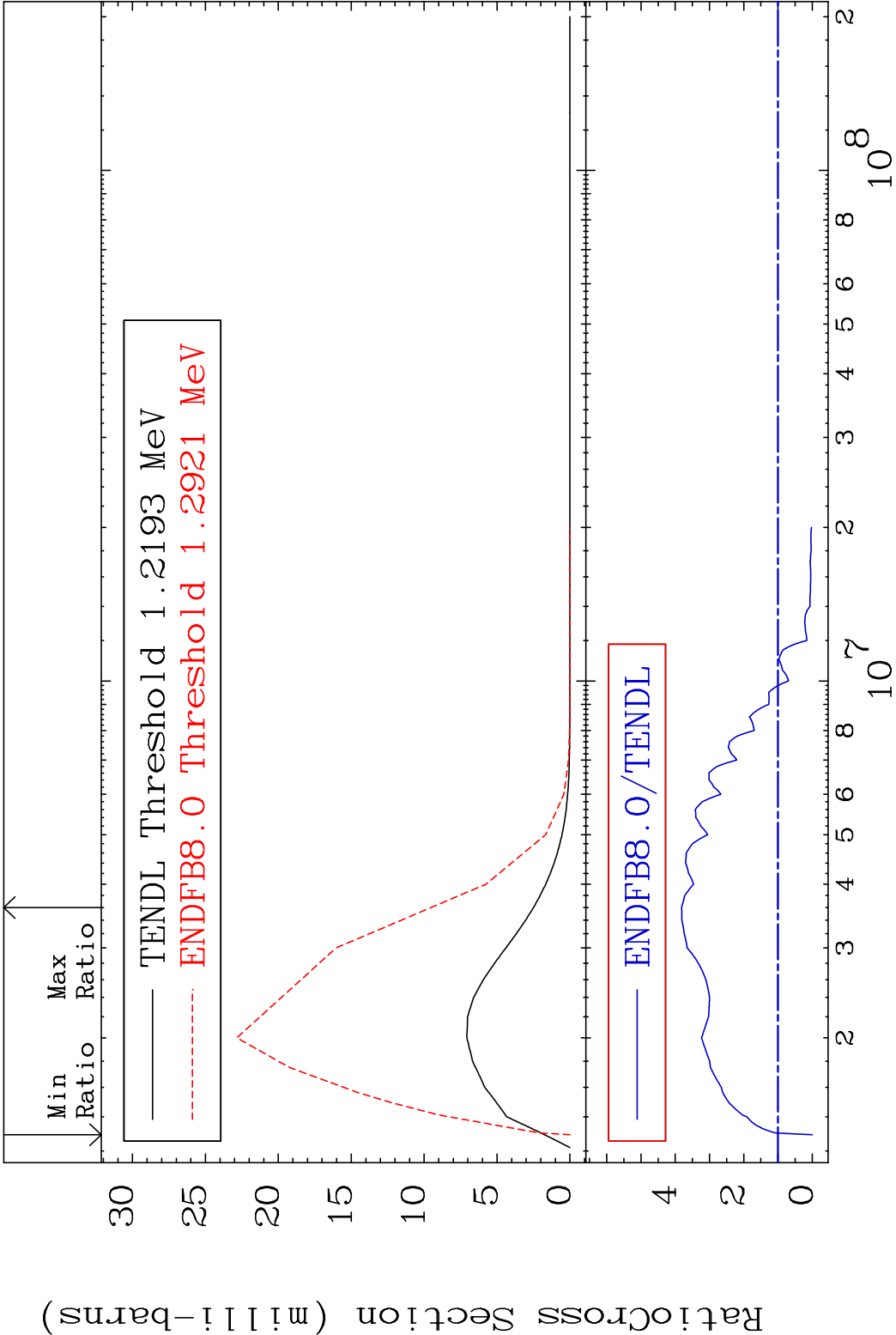
-100.0 To -44.59%



MAT 5331 MT= 64 (n,n') Level 53-I -129
 Cross Section -100.0 To 20.47 %



MAT 5331 MT= 65 (n,n') Level 53-I -129
Cross Section -100.0 To 281.7 %



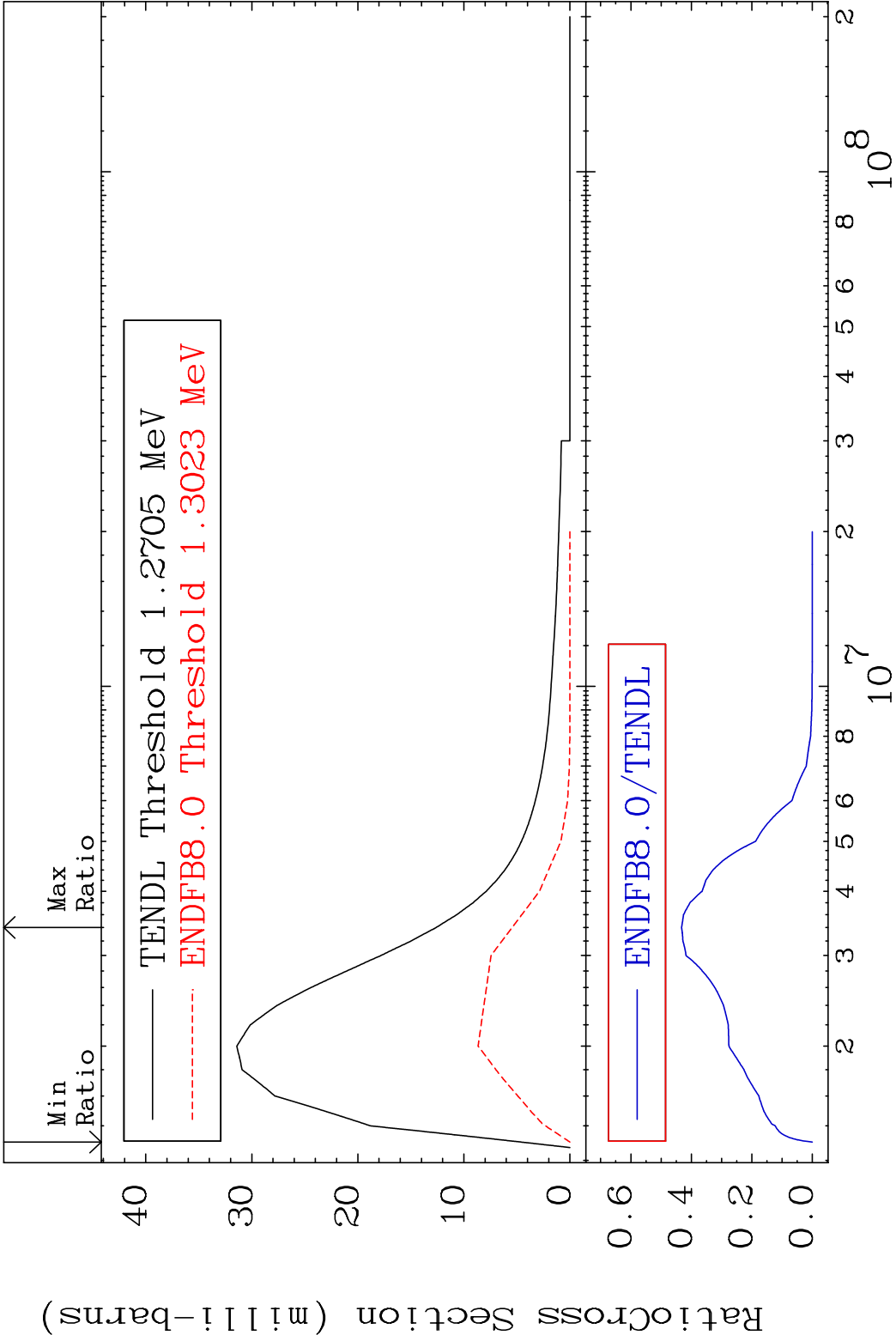
MAT 5331

MT= 66 (n,n') Level

53-I -129

Cross Section

-100.0 To -56.76%



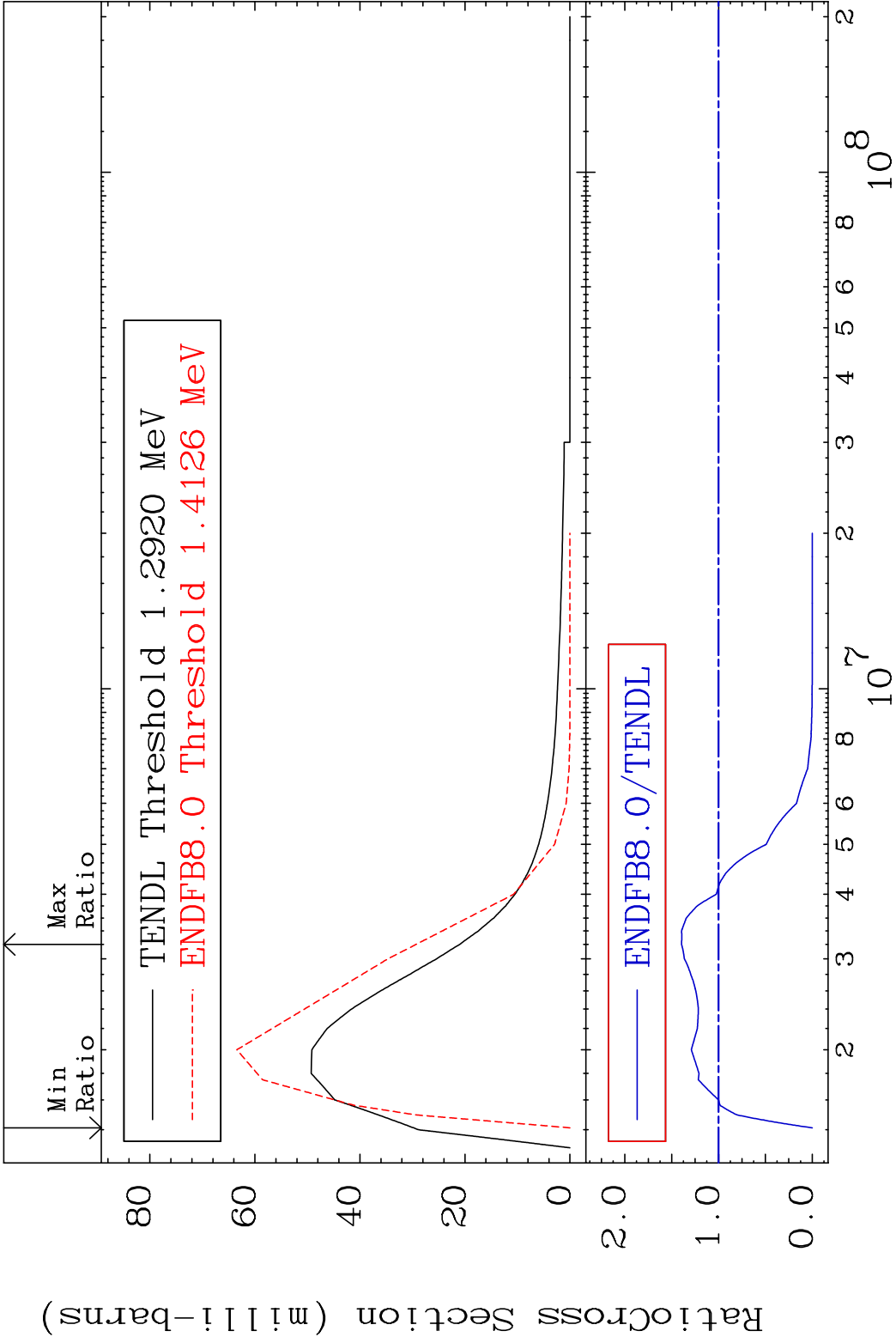
MAT 5331

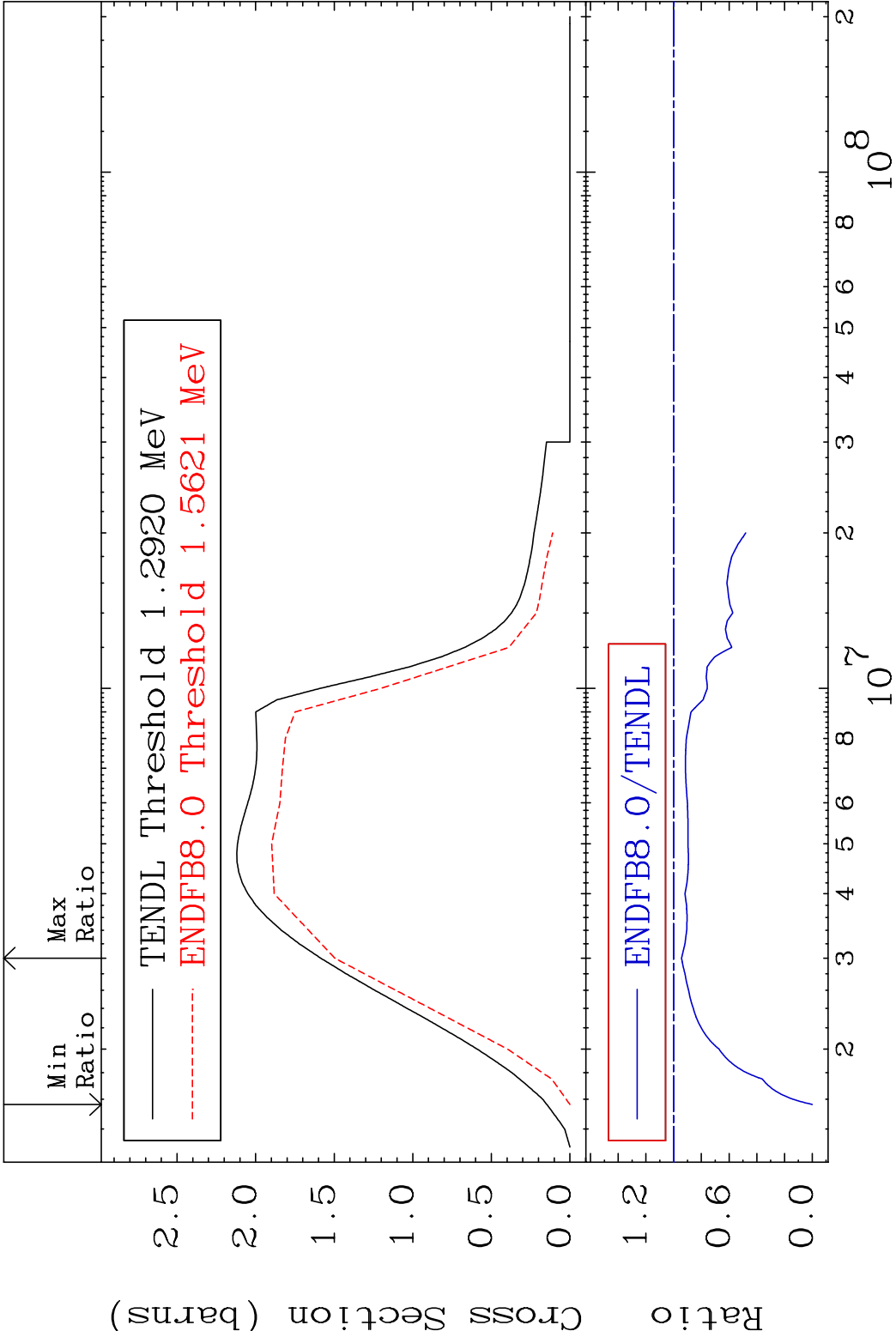
MT= 67 (n,n') Level

53-I -129

Cross Section

-100.0 To 39.50 %

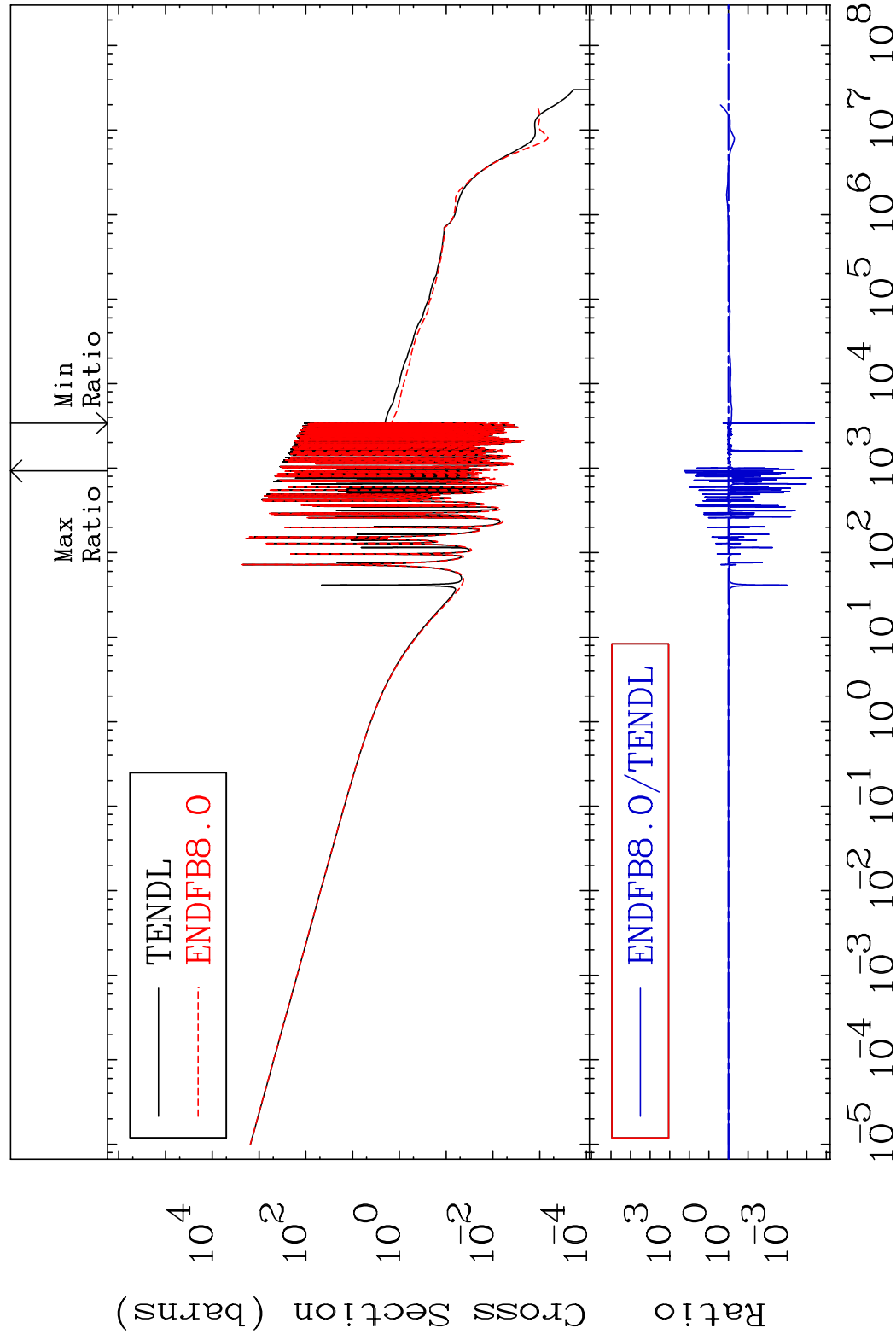




MAT 5331

(n, γ)

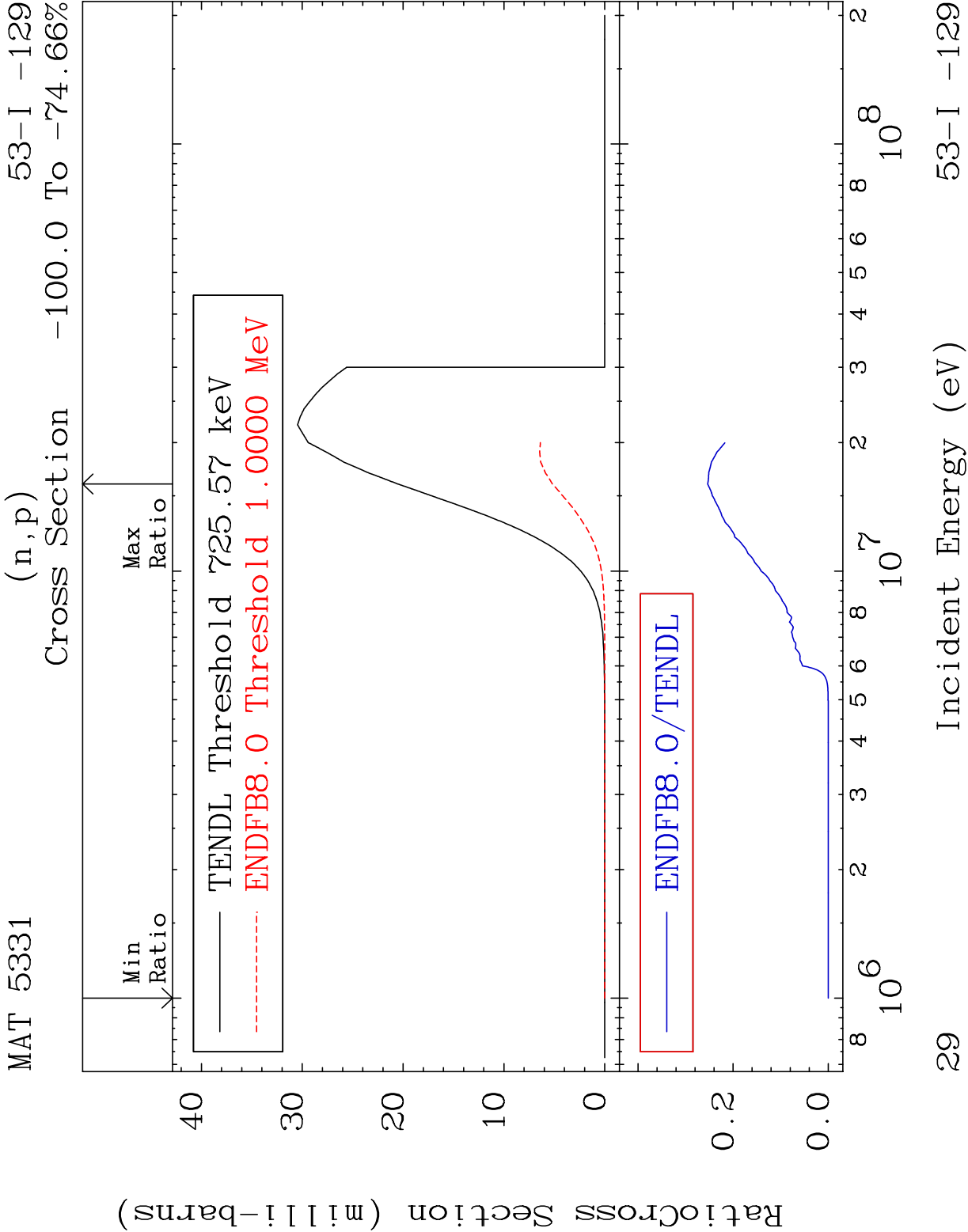
Cross Section 53-I -129
-100.0 To 9999. %



28

Incident Energy (eV)

53-I -129



29

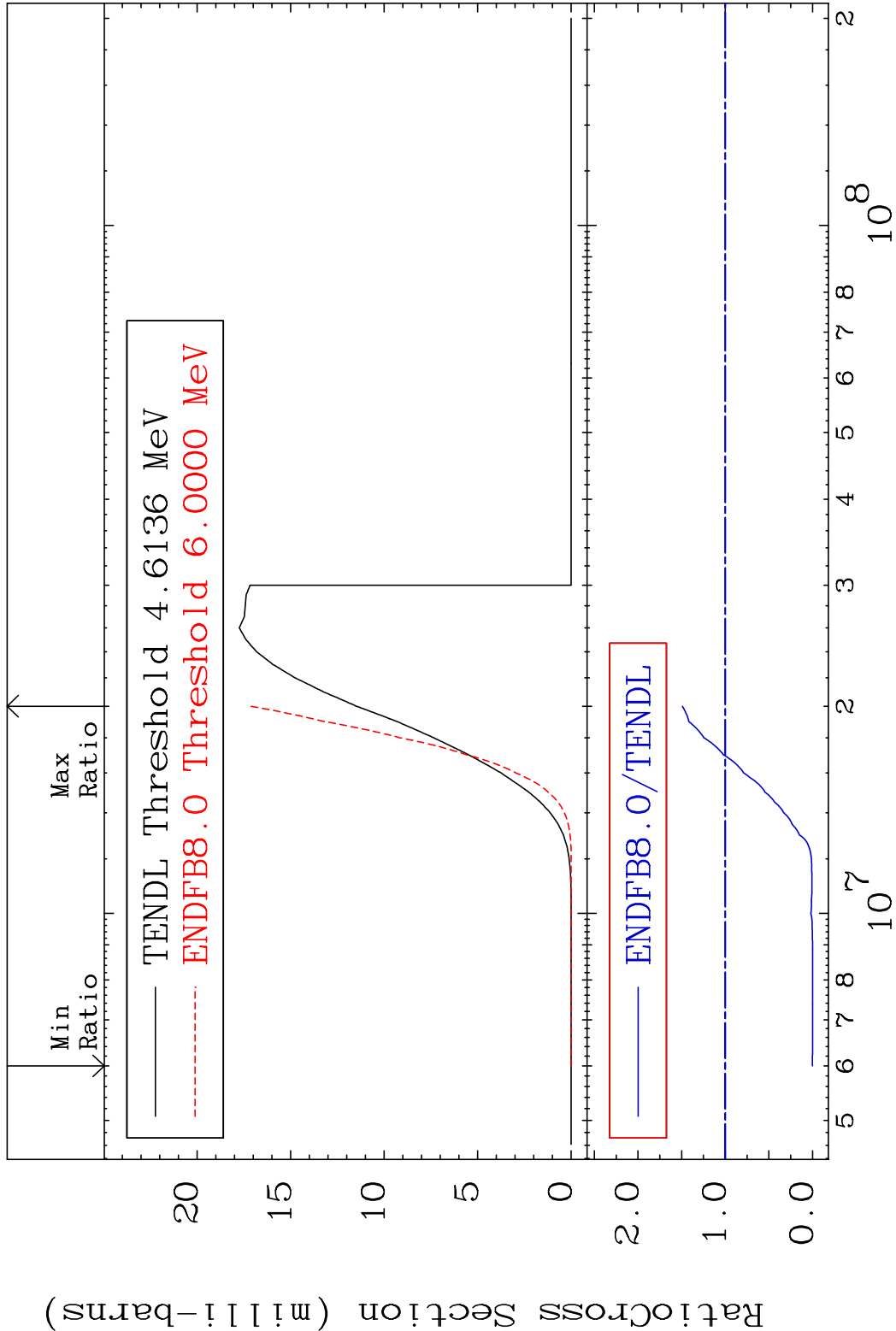
53-I -129

MAT 5331

(n,d)

53-I -129

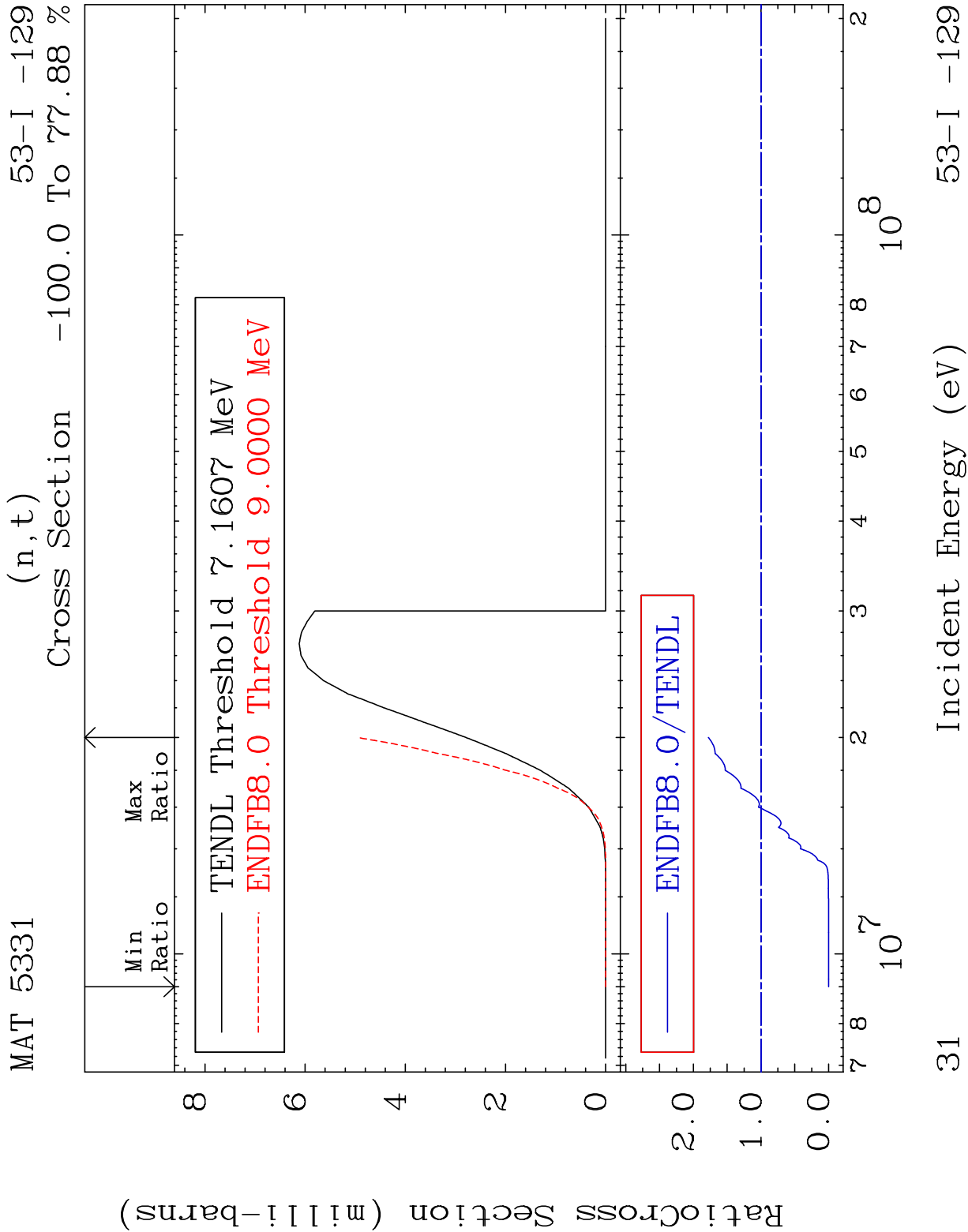
Cross Section -100.0 To 49.19 %



30

Incident Energy (eV)

53-I -129

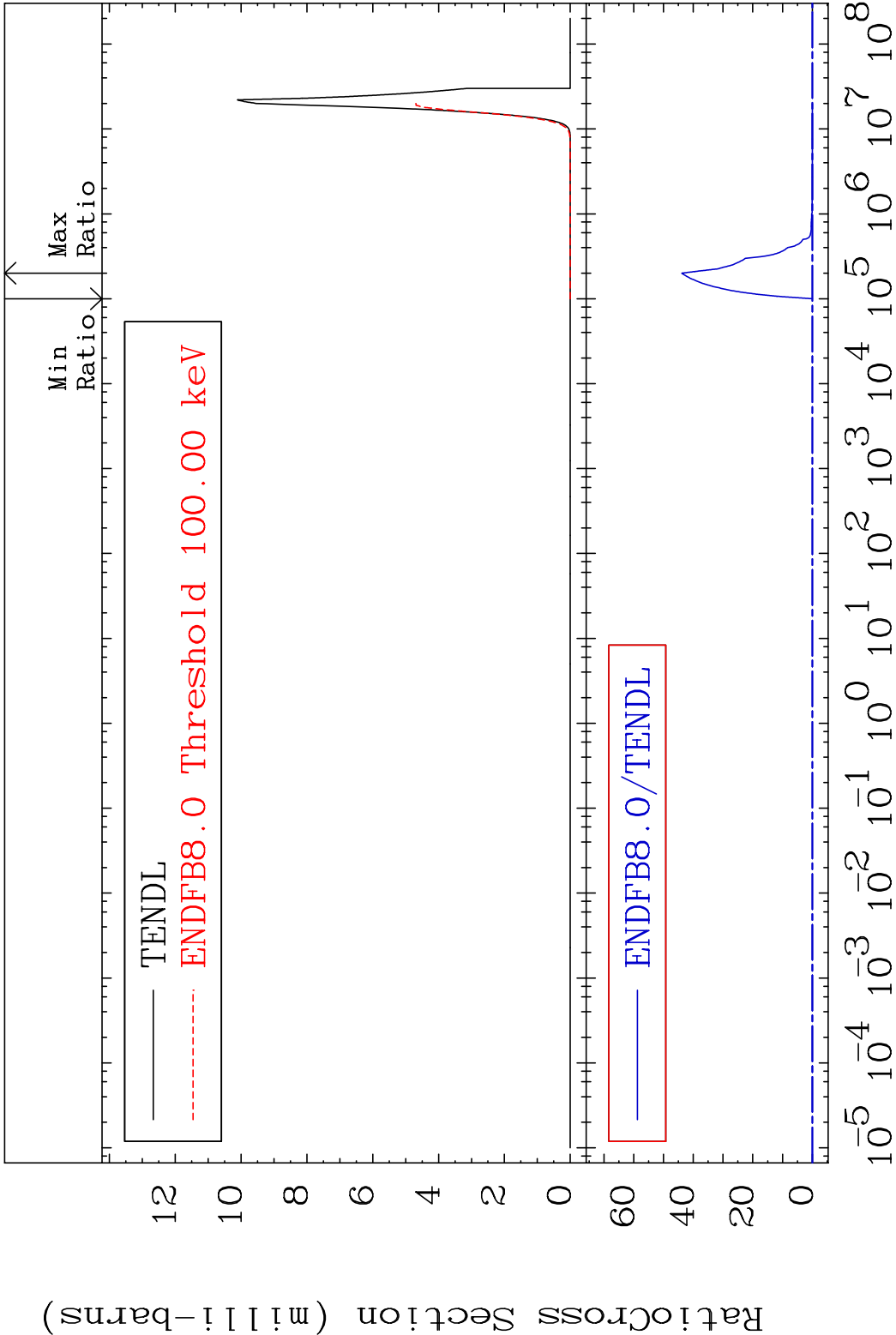


MAT 5331

(n, α)

53-I -129

Cross Section -100.0 To 9999. %

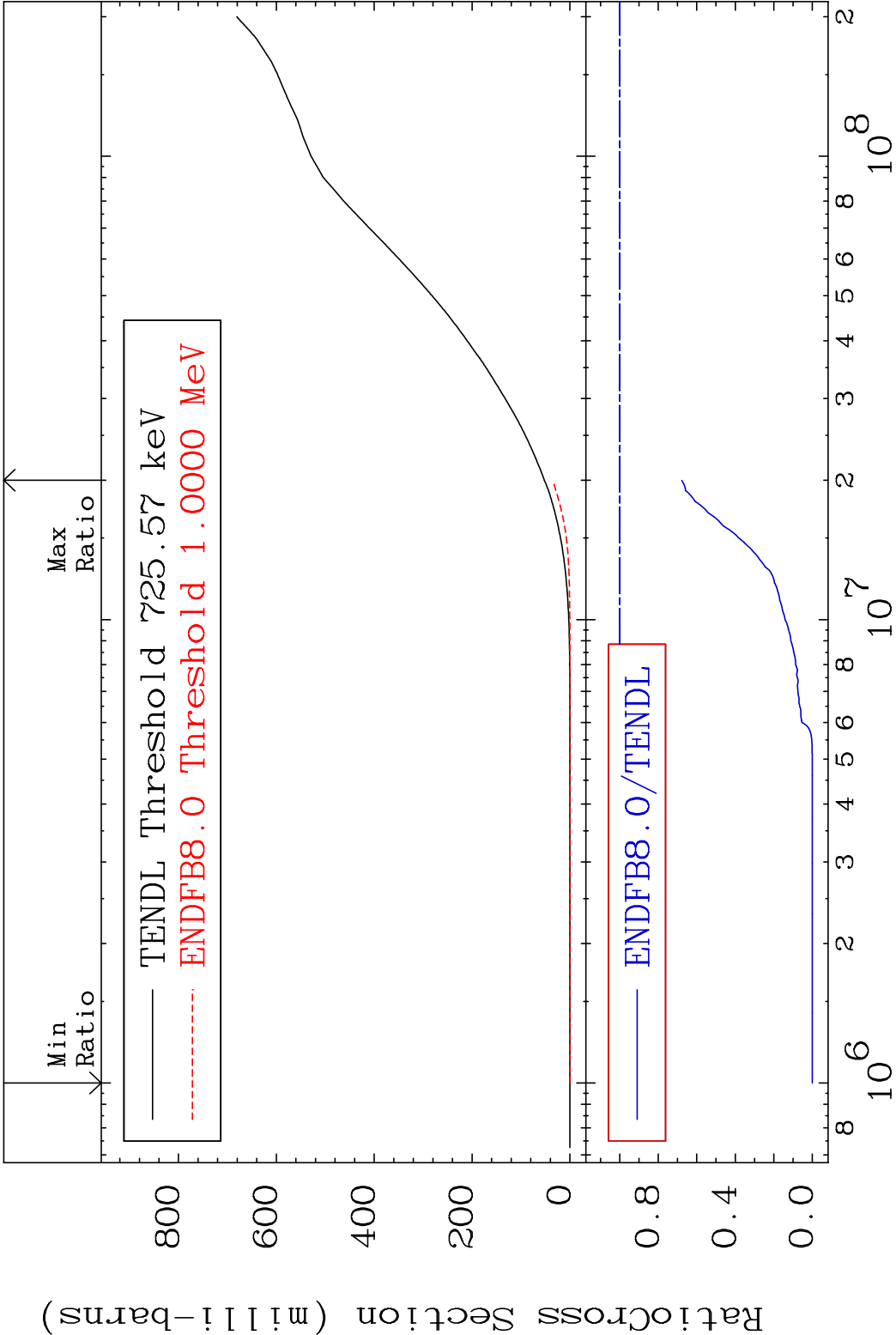


32

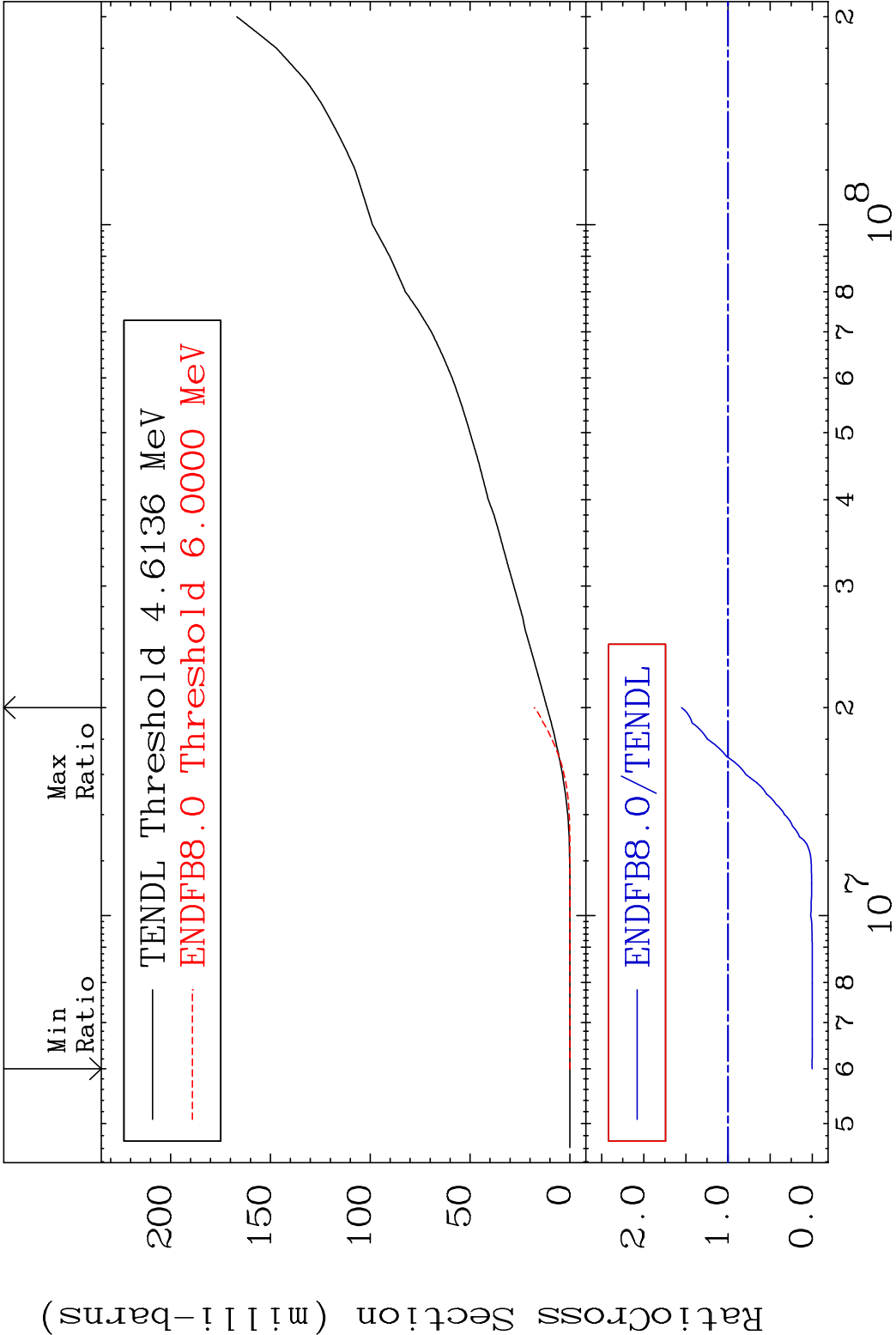
Incident Energy (eV)

53-I -129

MAT 5331 Hydrogen Production 53-I -129
Cross Section -100.0 To -32.08%



33 Incident Energy (eV) 53-I -129



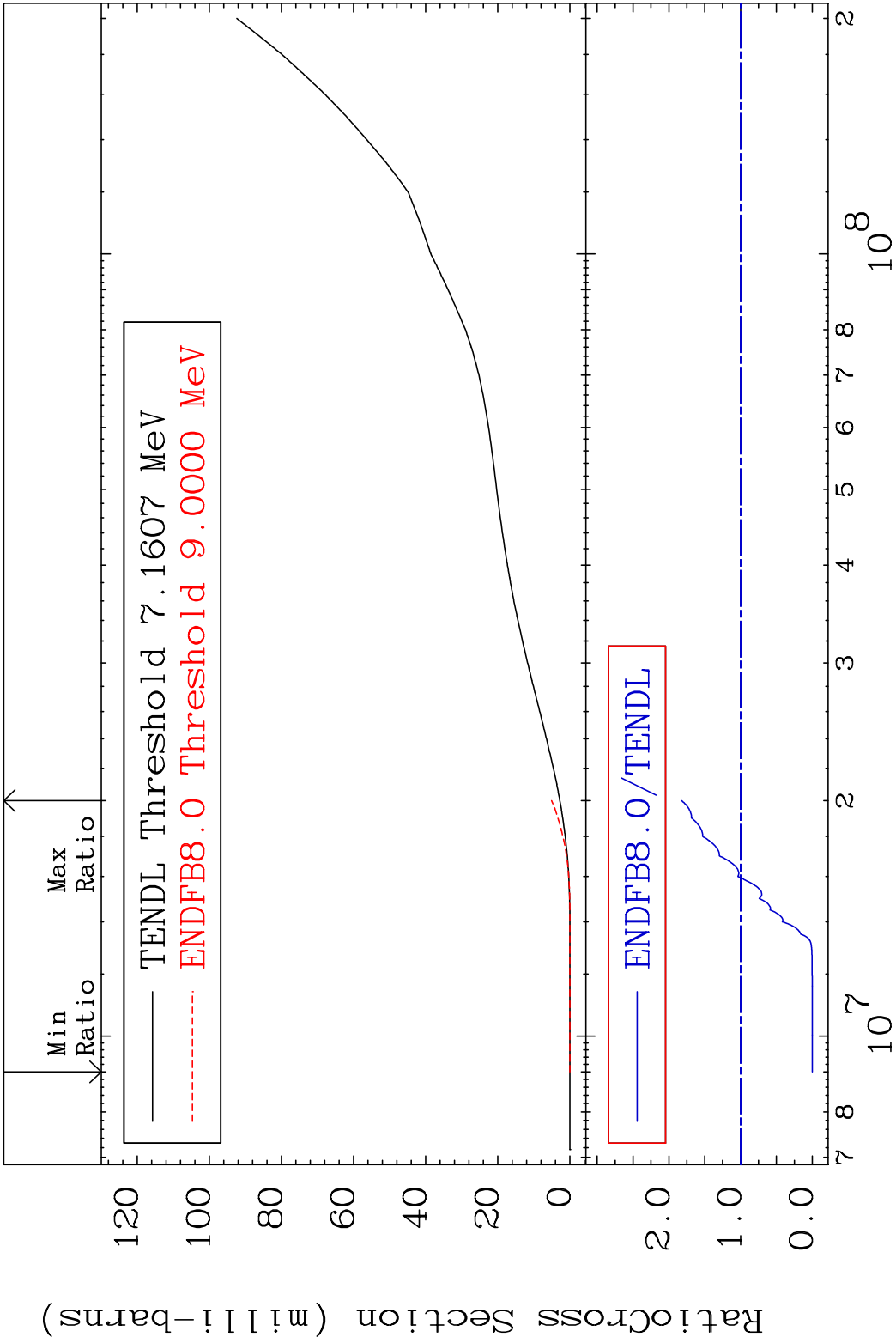
MAT 5331

Tritium Production

53-I -129

Cross Section

-100.0 To 82.34 %

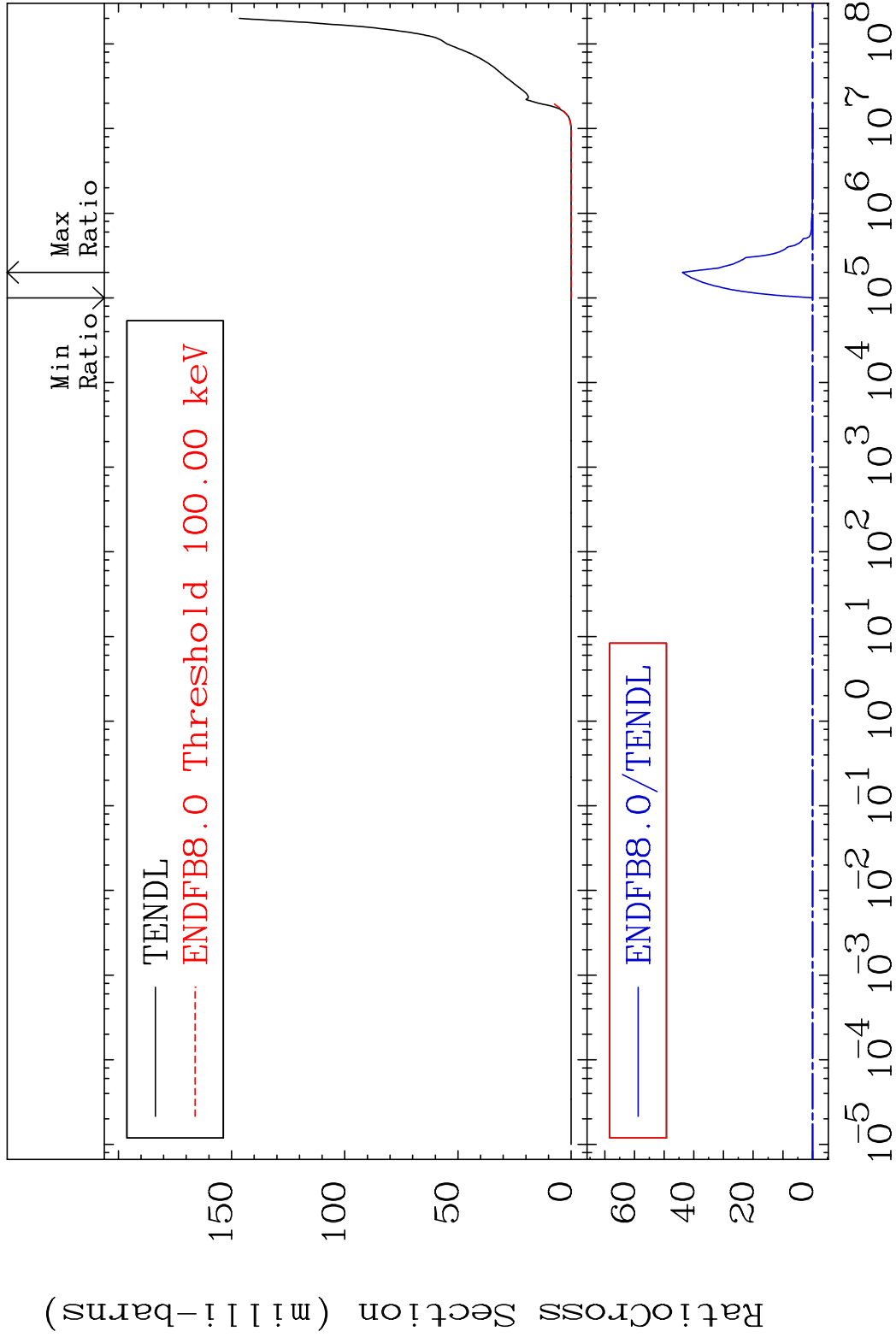


35

Incident Energy (eV)

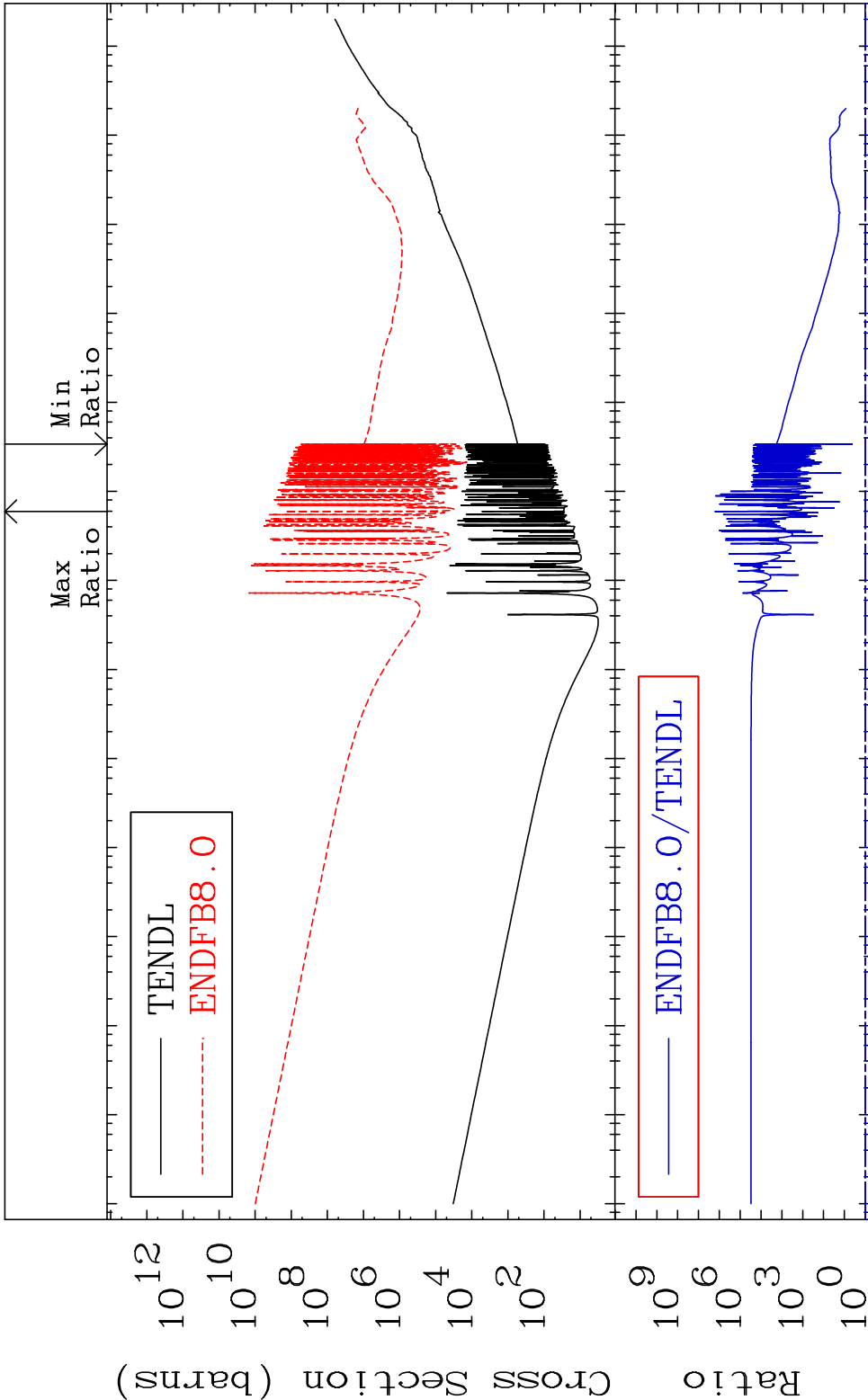
53-I -129

MAT 5331 He-4 Production 53-I -129
Cross Section -100.0 To 9999. %



36 Incident Energy (eV) 53-I -129

MAT 5331 Kerma total (eV-barns) 53-I -129
Cross Section 323.3 To 9999. %

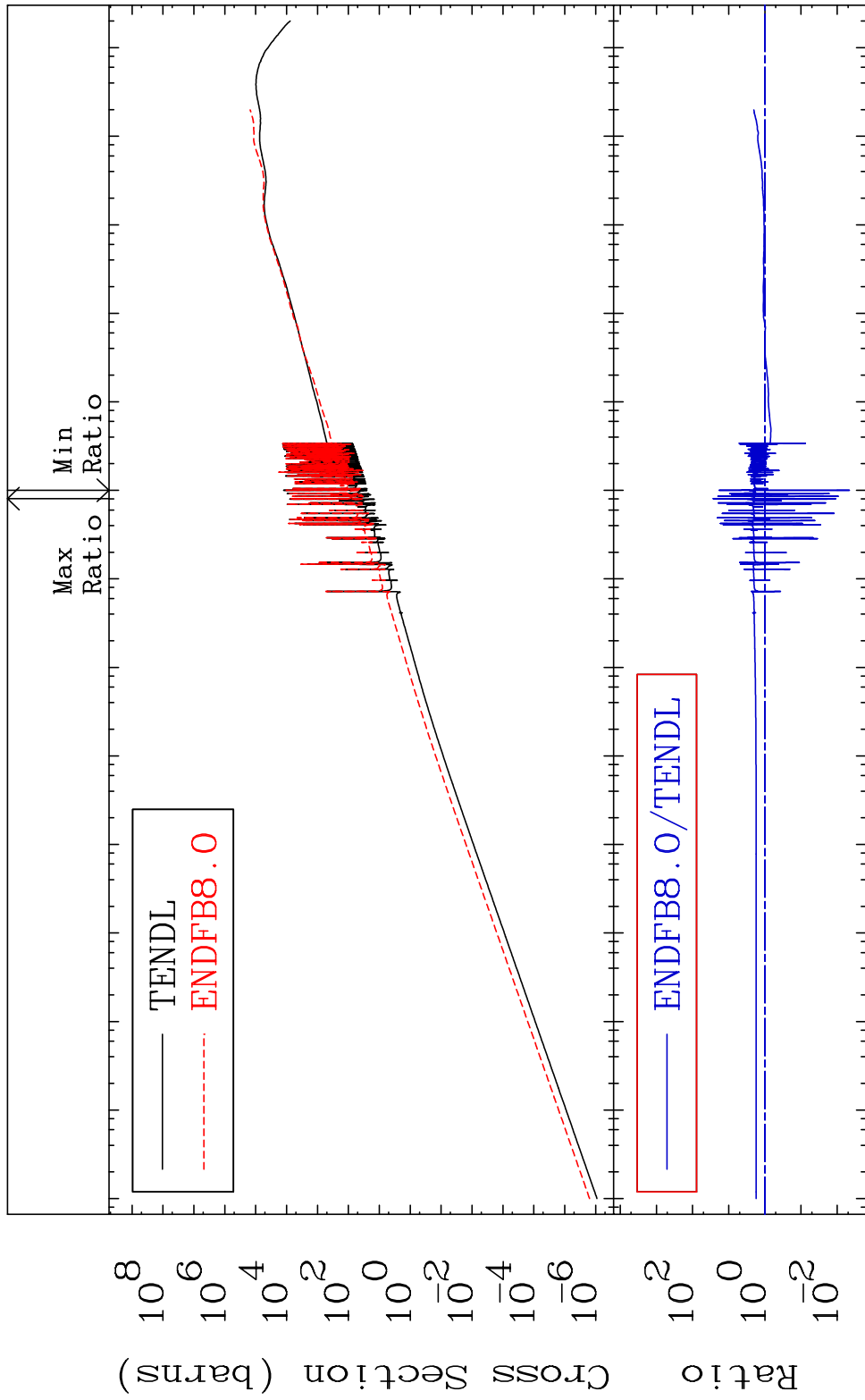


37 Incident Energy (eV) 53-I -129

MAT 5331

Kerma elastic
Cross Section

53-I -129
-99.54 To 2584. %



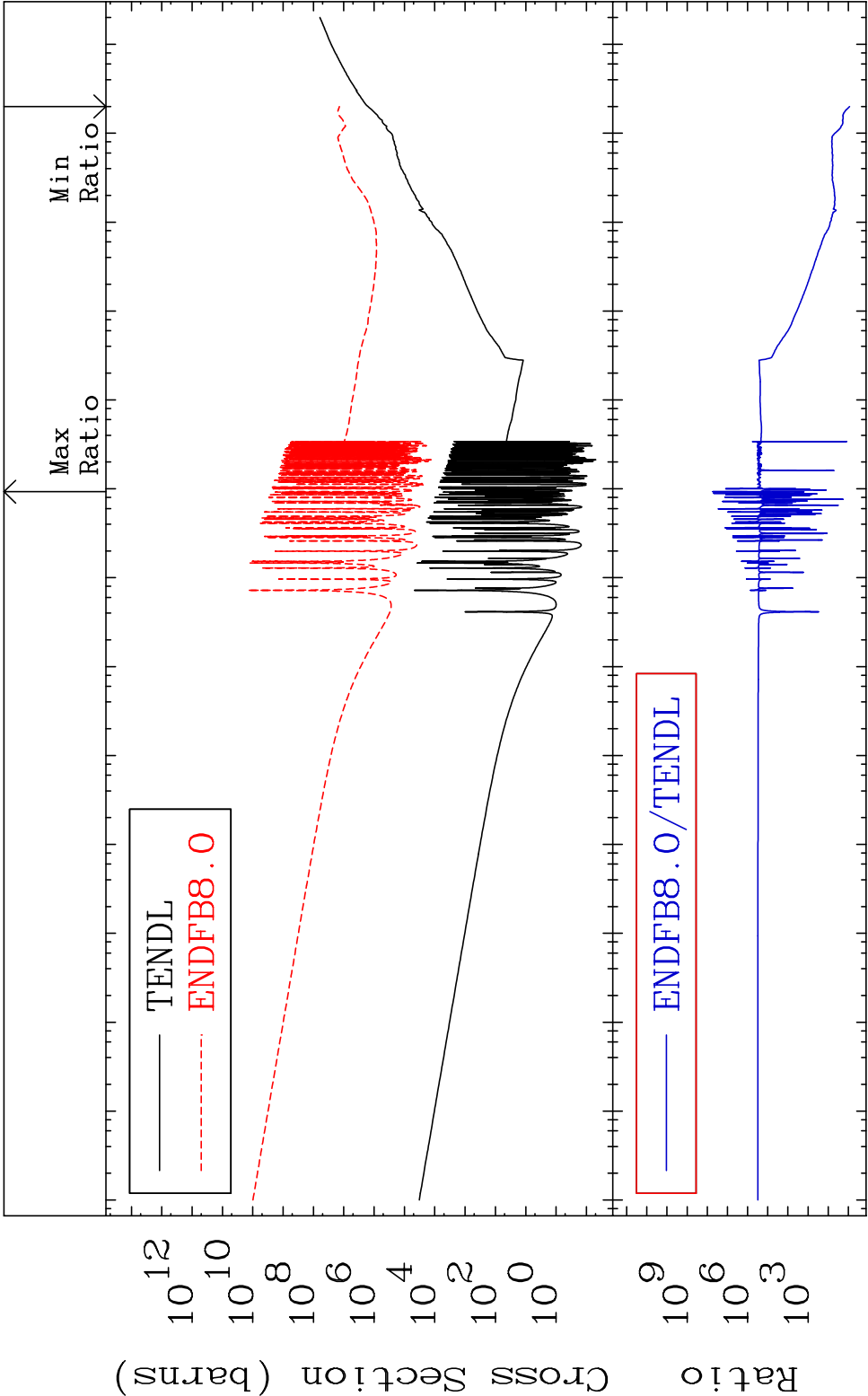
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

38

Incident Energy (eV)

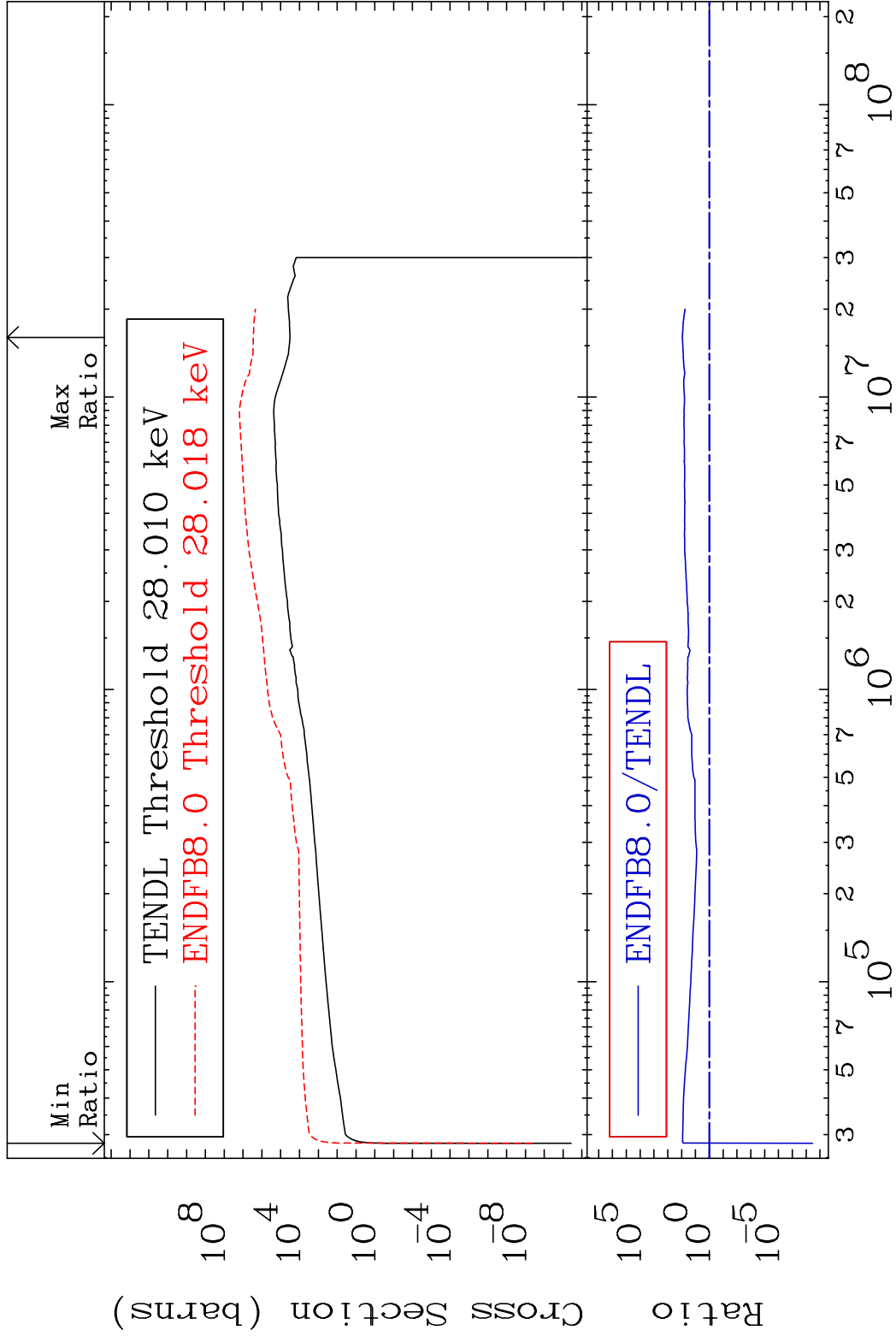
53-I -129

MAT 5331 Kerma non-elastic (all but mt2) 53-I -129
Cross Section 777.2 To 9999. %



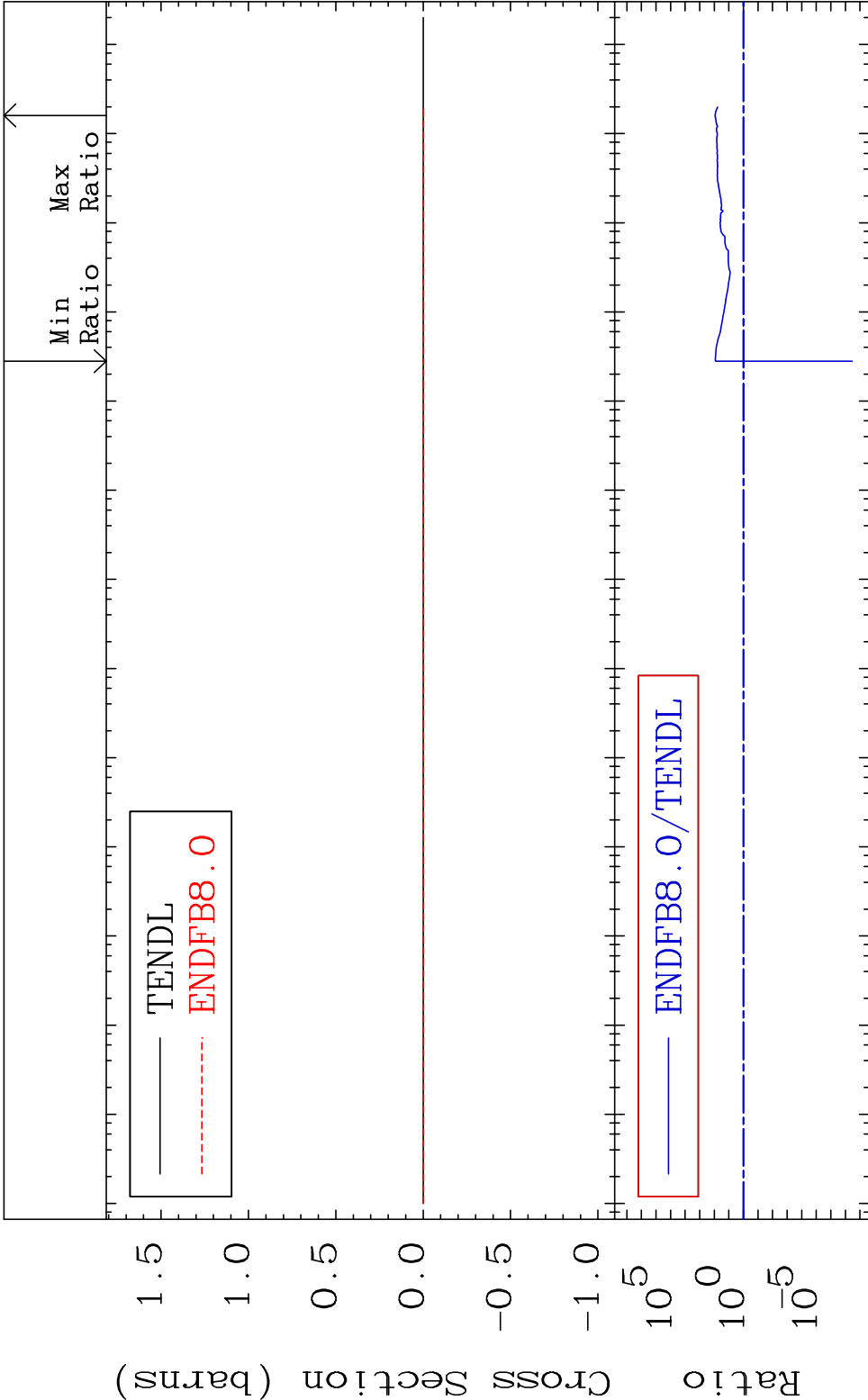
39 Incident Energy (eV) 53-I -129

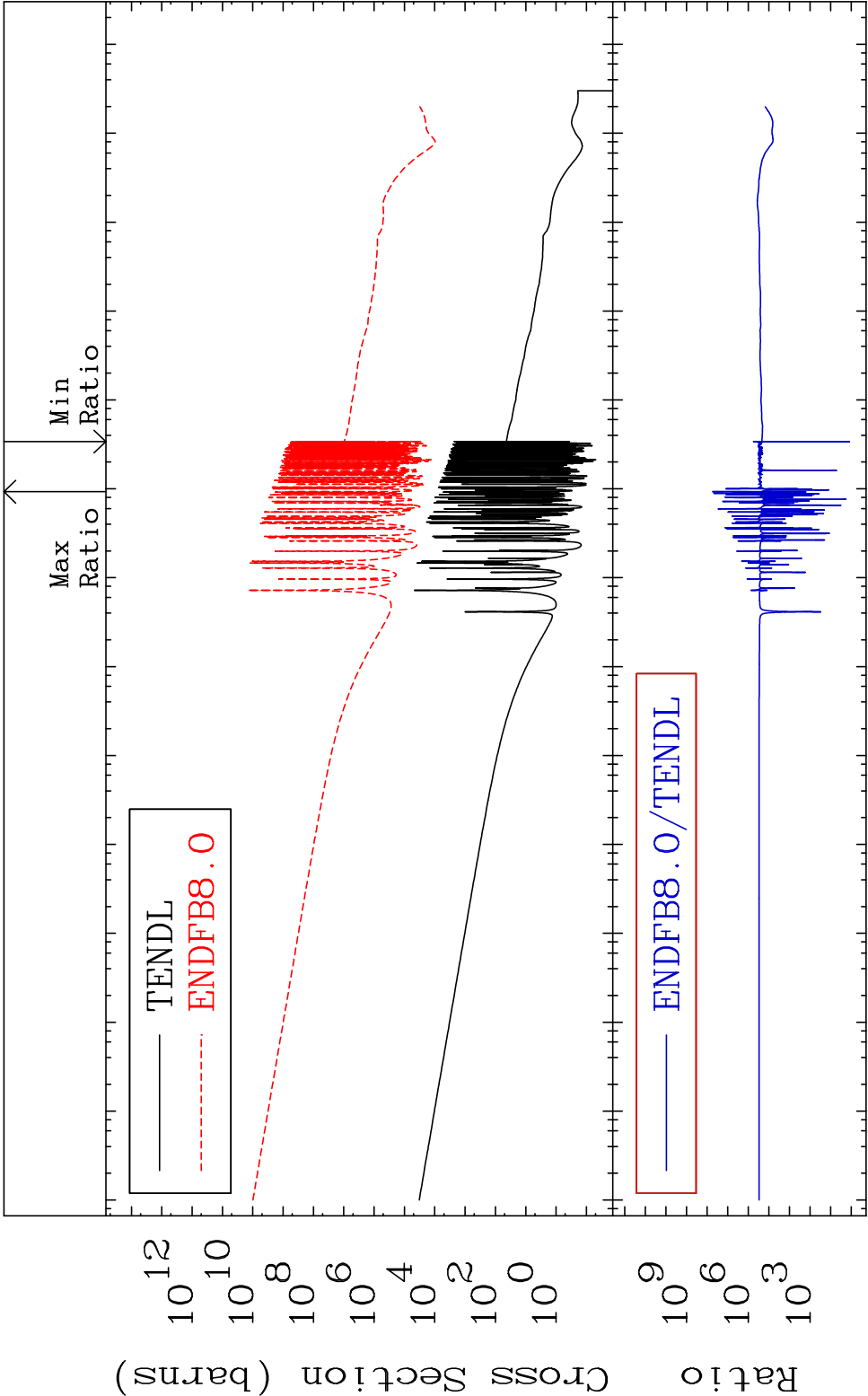
MAT 5331 Kerma inelastic (mt51-91) 53-I -129
Cross Section -100.0 To 8748. %



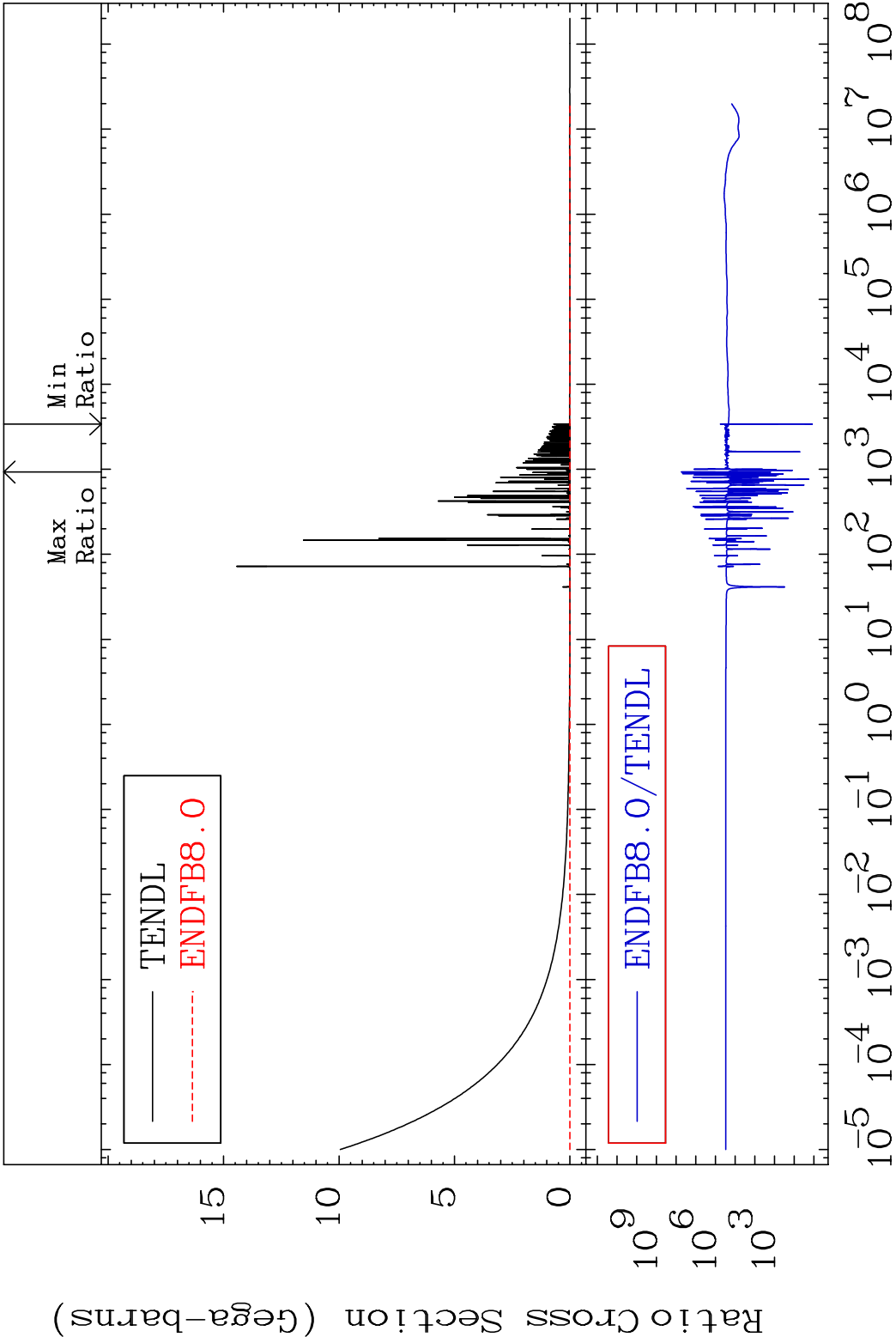
40 Incident Energy (eV) 53-I -129

MAT 5331 Kerma fission (mt18 or mt19-20-21-38)53-I -129
Cross Section -100.0 To 8748. %



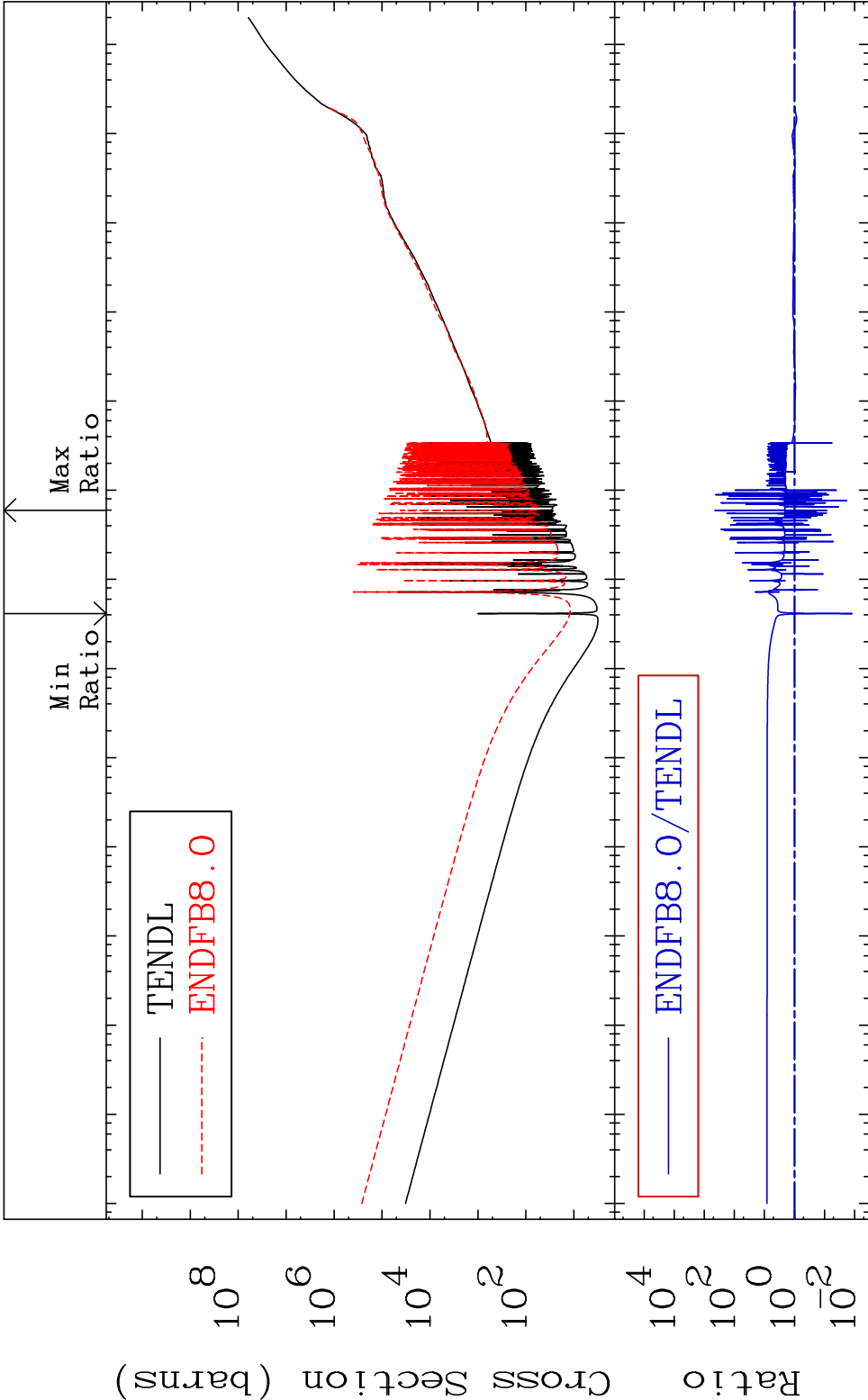


MAT 5331 Total photon (eV-barns) 53-I -129
Cross Section 1119. To 9999. %

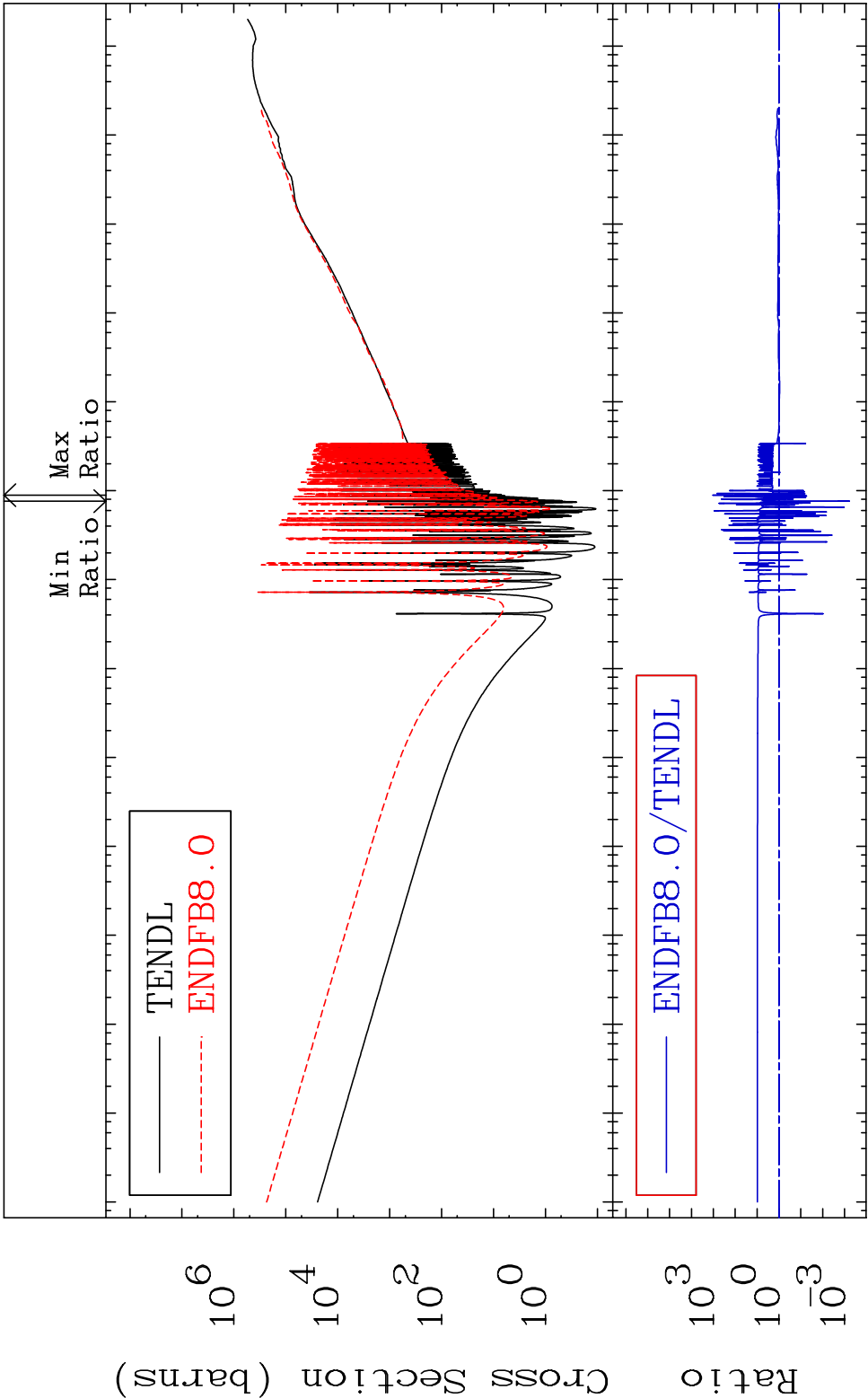


43 Incident Energy (eV) 53-I -129

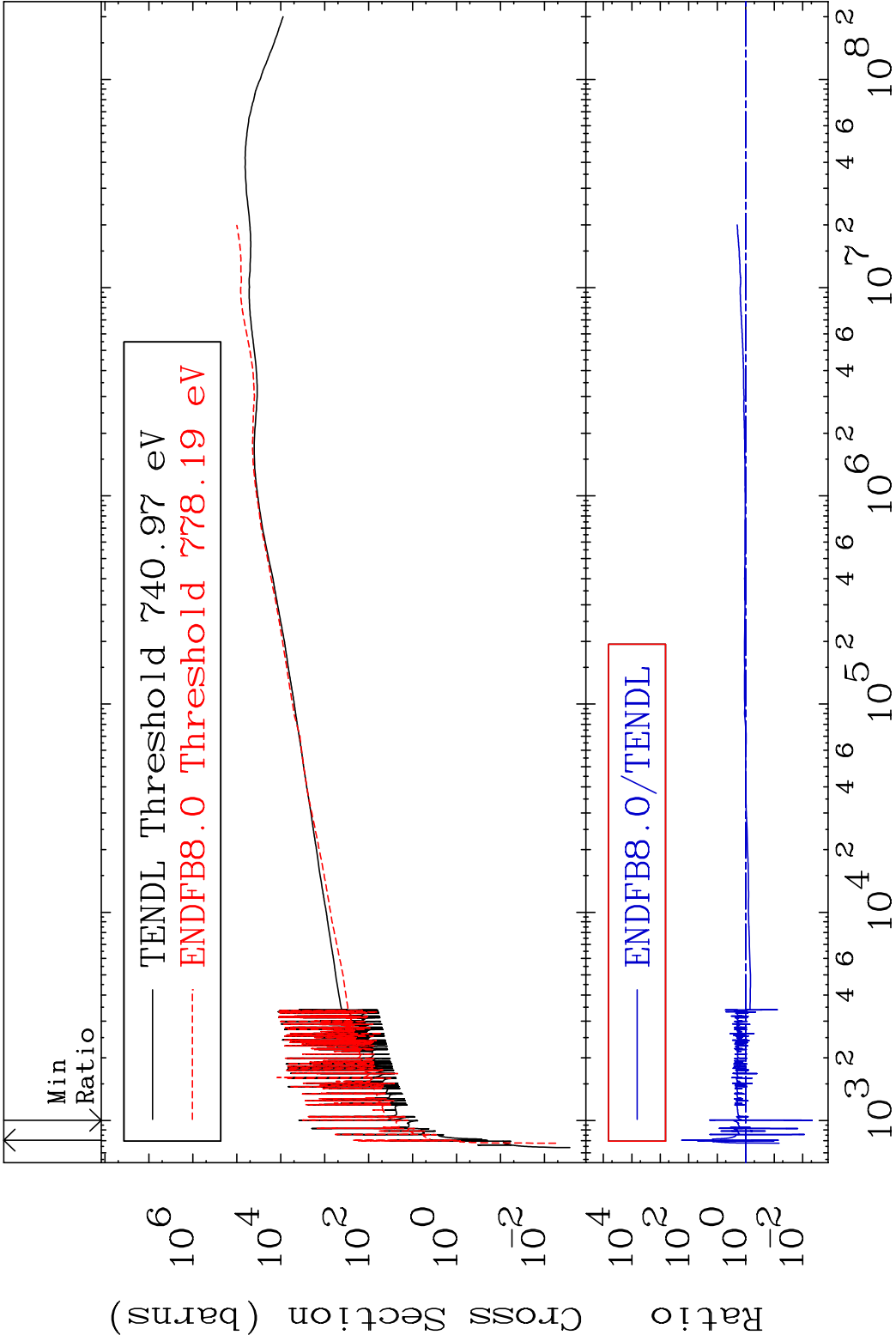
MAT 5331 Total kinematic kerma (high limit) 53-I -129
Cross Section -98.79 To 9999. %



MAT 5331	Dpa total (eV-barns)	53-I -129
	Cross Section	-99.94 To 9999. %



MAT 5331 Dpa elastic (mt2) 53-I -129
Cross Section -99.54 To 9999. %



46 Incident Energy (eV) 53-I -129

MAT 5331 Dpa inelastic (mt51-91) 53-I -129
Cross Section -100.0 To 62.47 %

