

Program Complot
(Version 2021-1)

by

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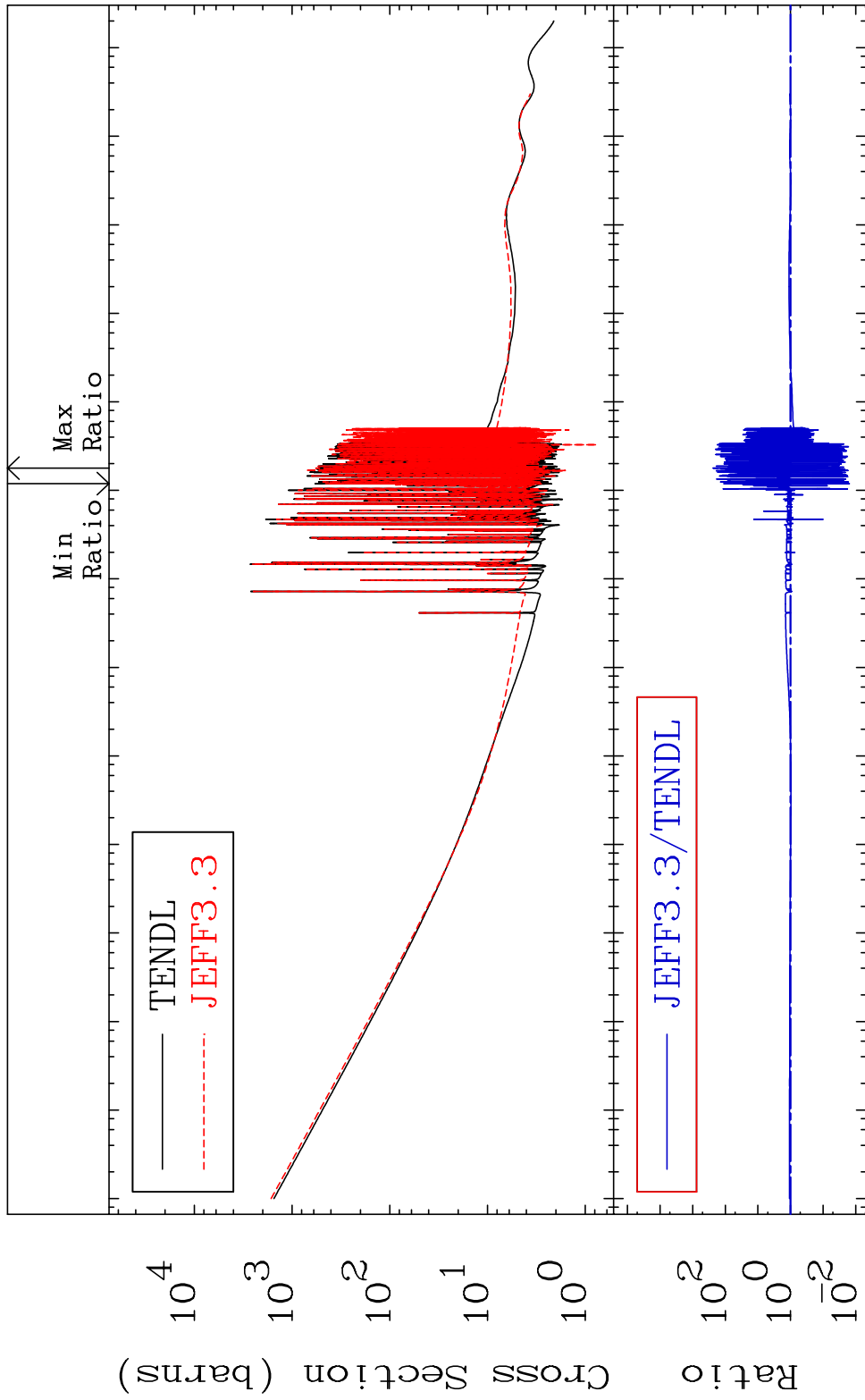
Press Mouse Button to Start

MAT 5331

Total

53-I -129

Cross Section -98.42 To 9999. %



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

1

Incident Energy (eV)

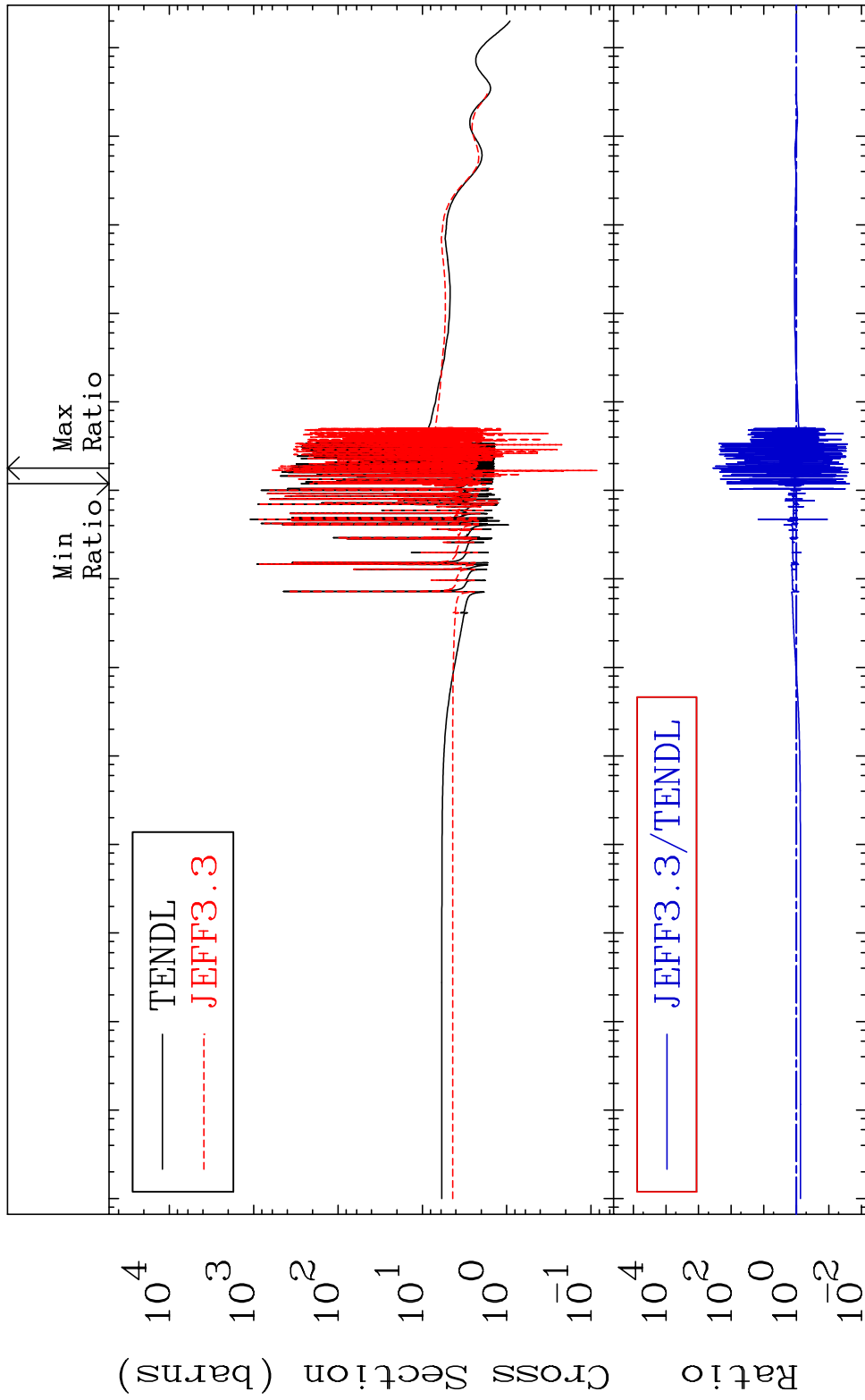
53-I -129

MAT 5331

Elastic

53-I -129

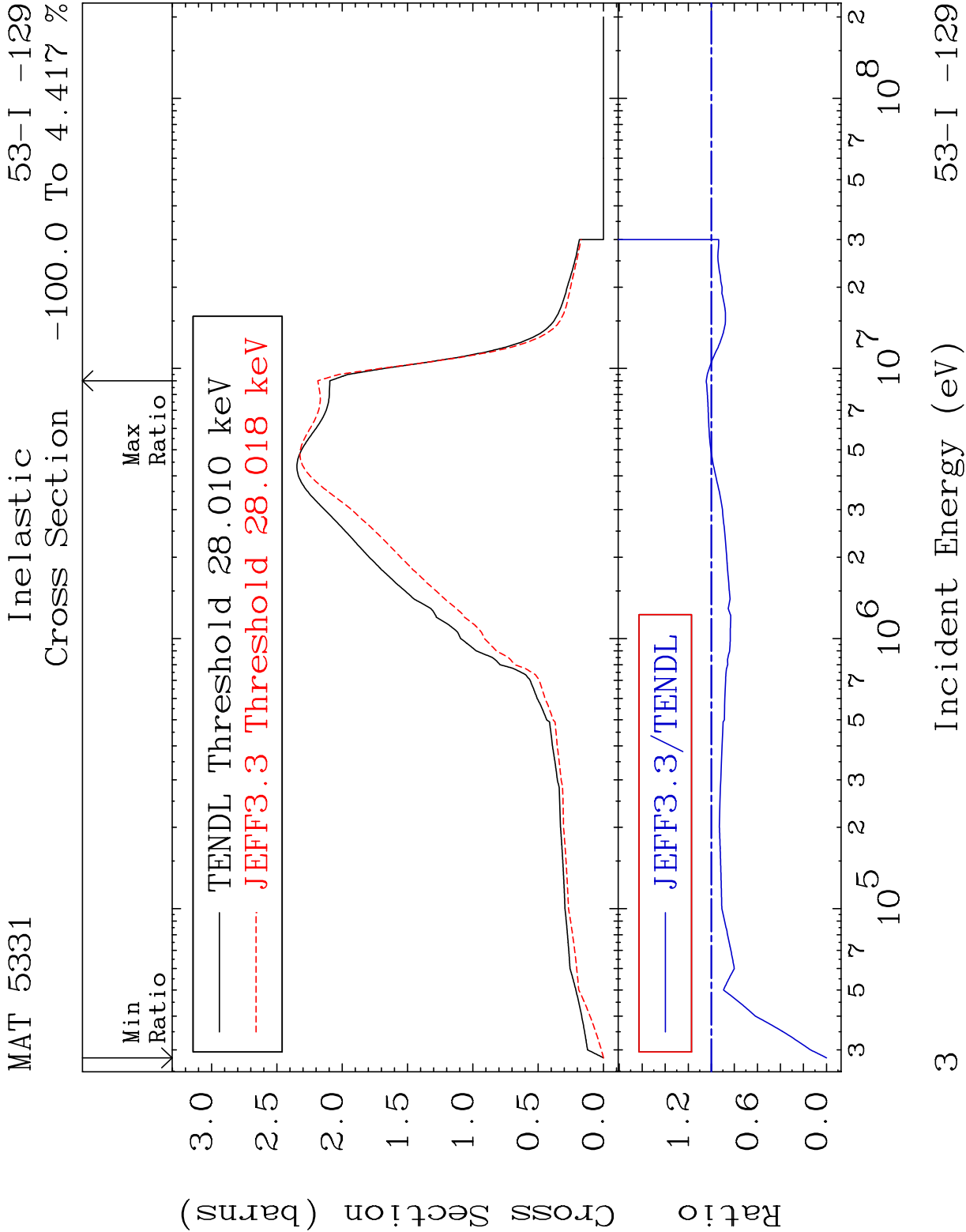
Cross Section -97.63 To 9999. %



2

Incident Energy (eV)

53-I -129

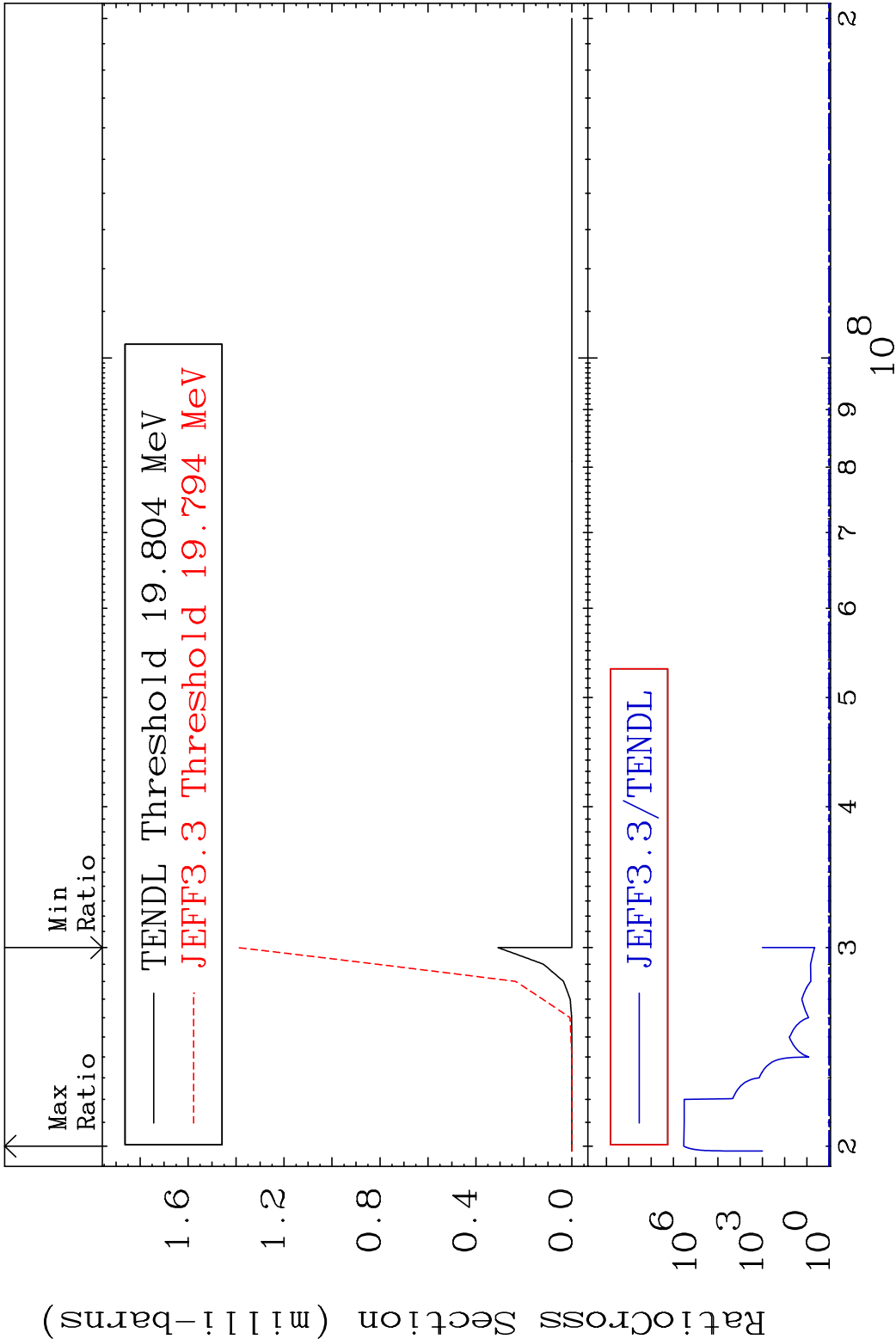


MAT 5331

(n,2n) d

53-I -129

Cross Section 352.1 To 9999. %



4

Incident Energy (eV)

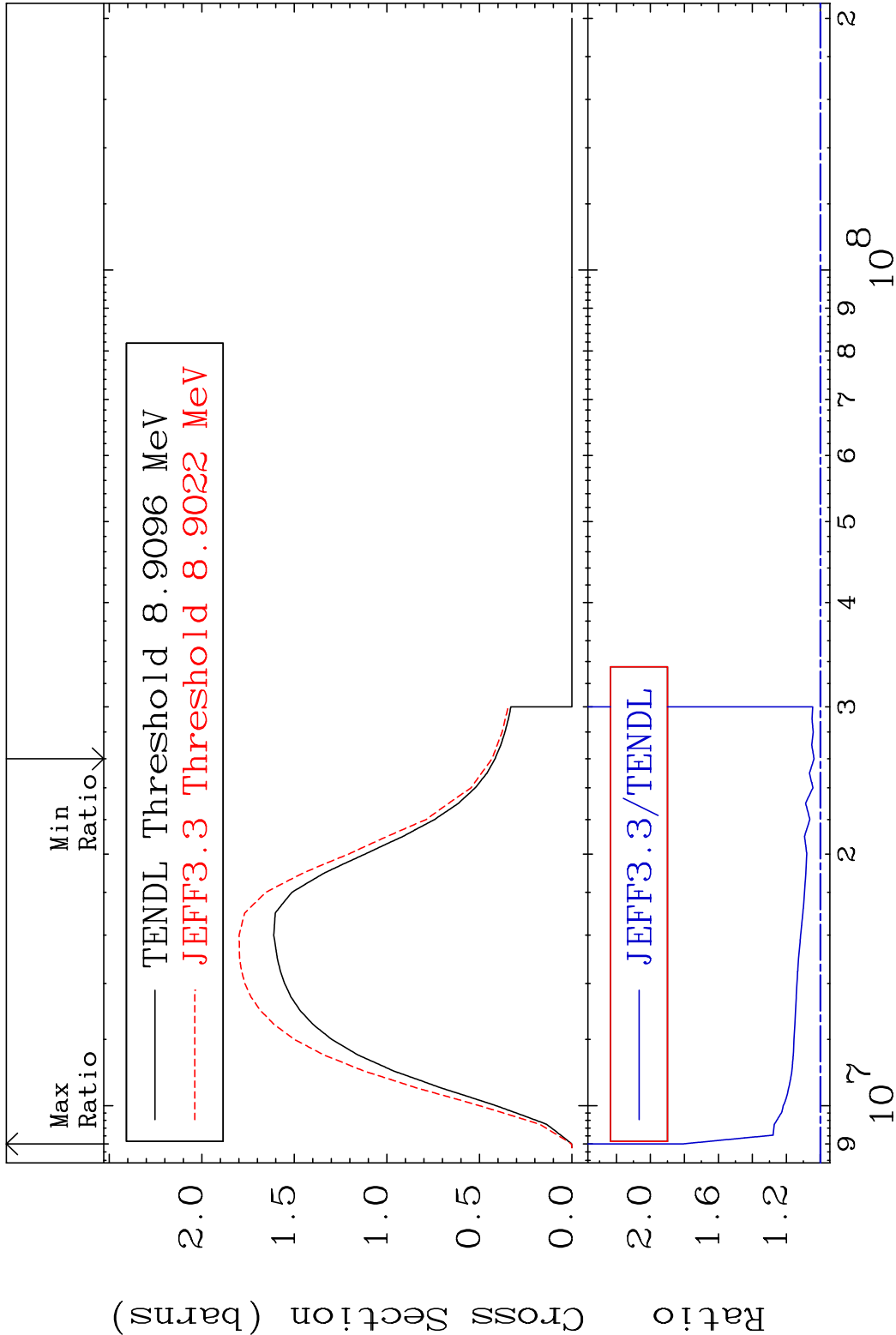
53-I -129

MAT 5331

(n,2n)

53-I -129

Cross Section 3.729 To 80.57 %



5

Incident Energy (eV)

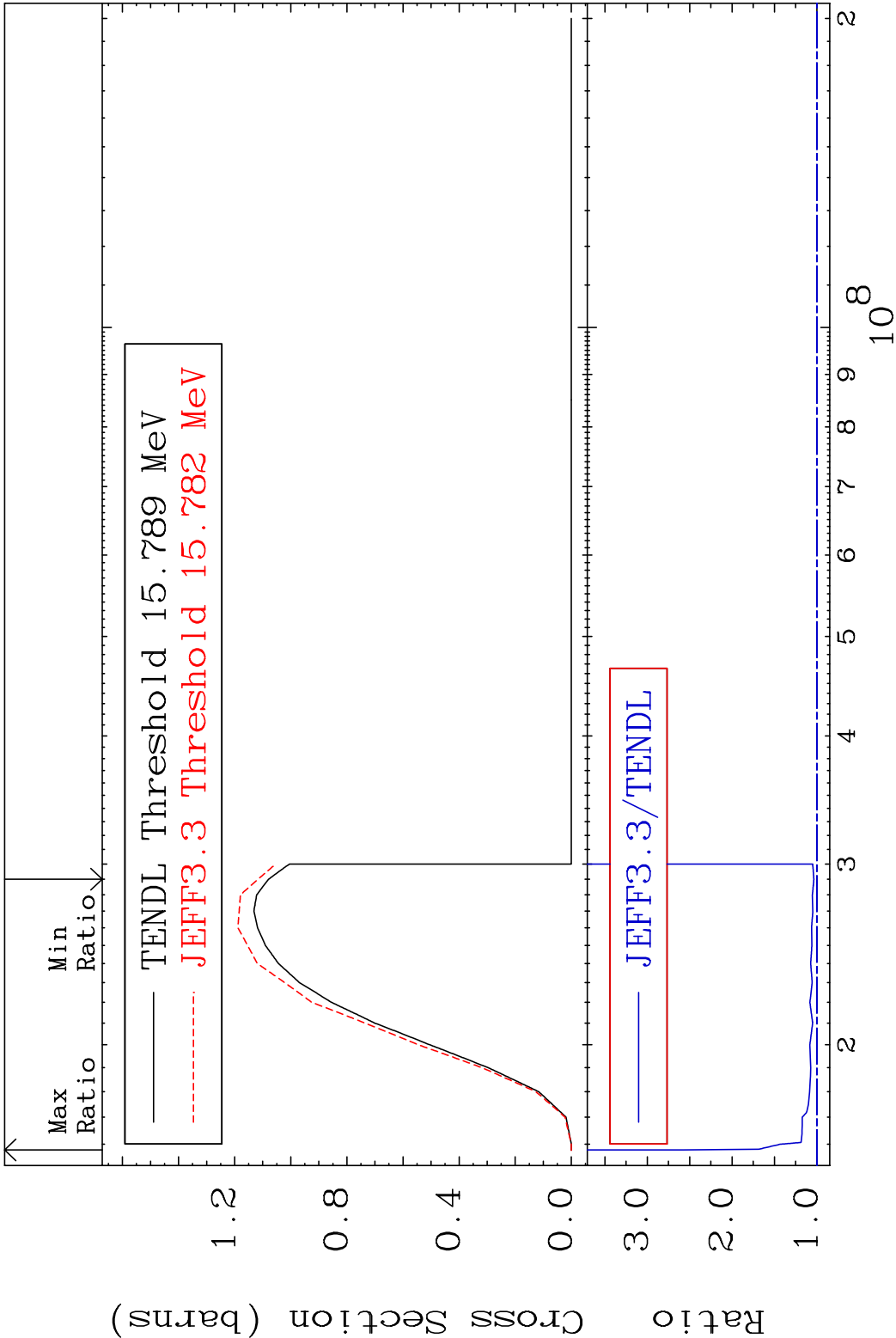
53-I -129

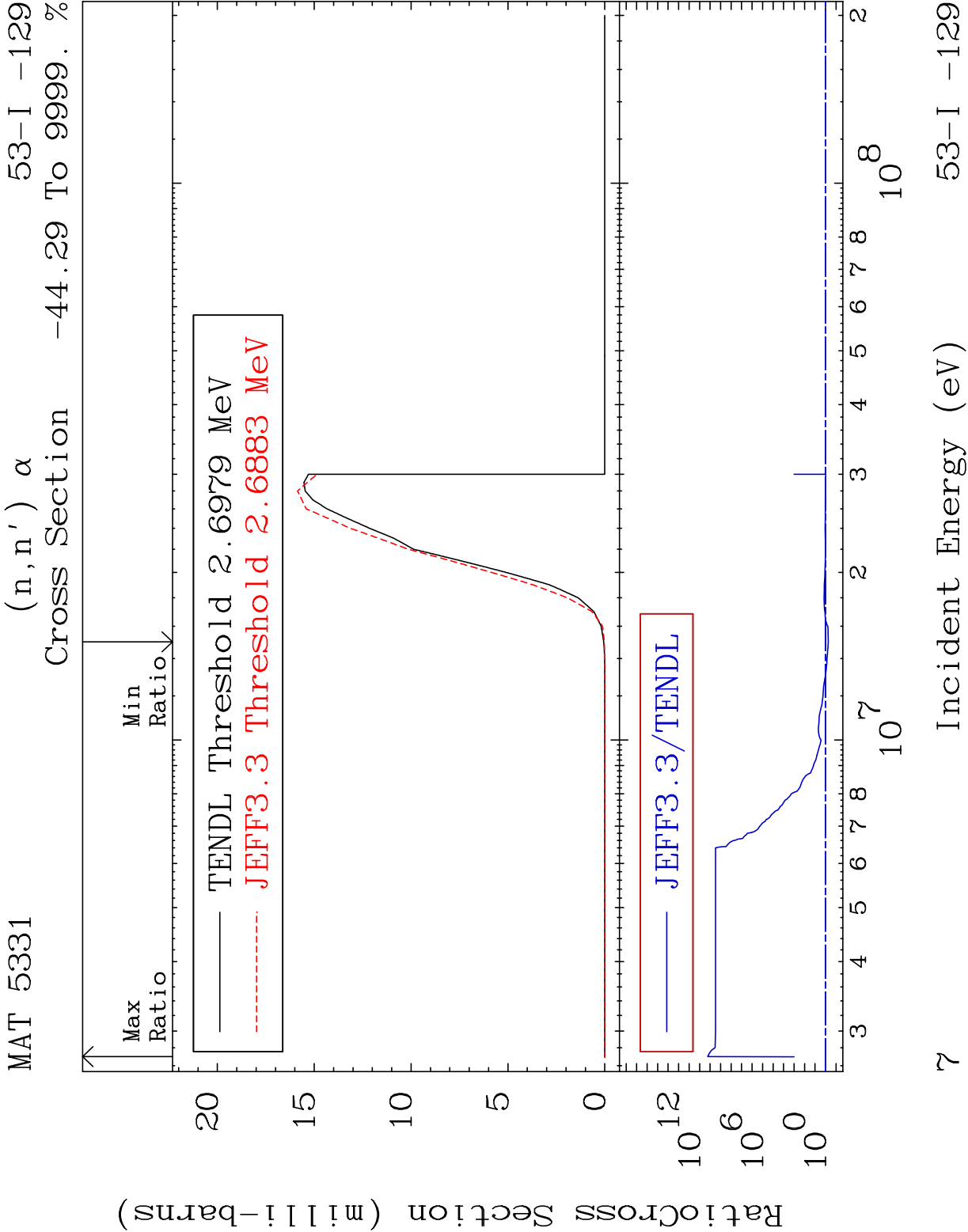
MAT 5331

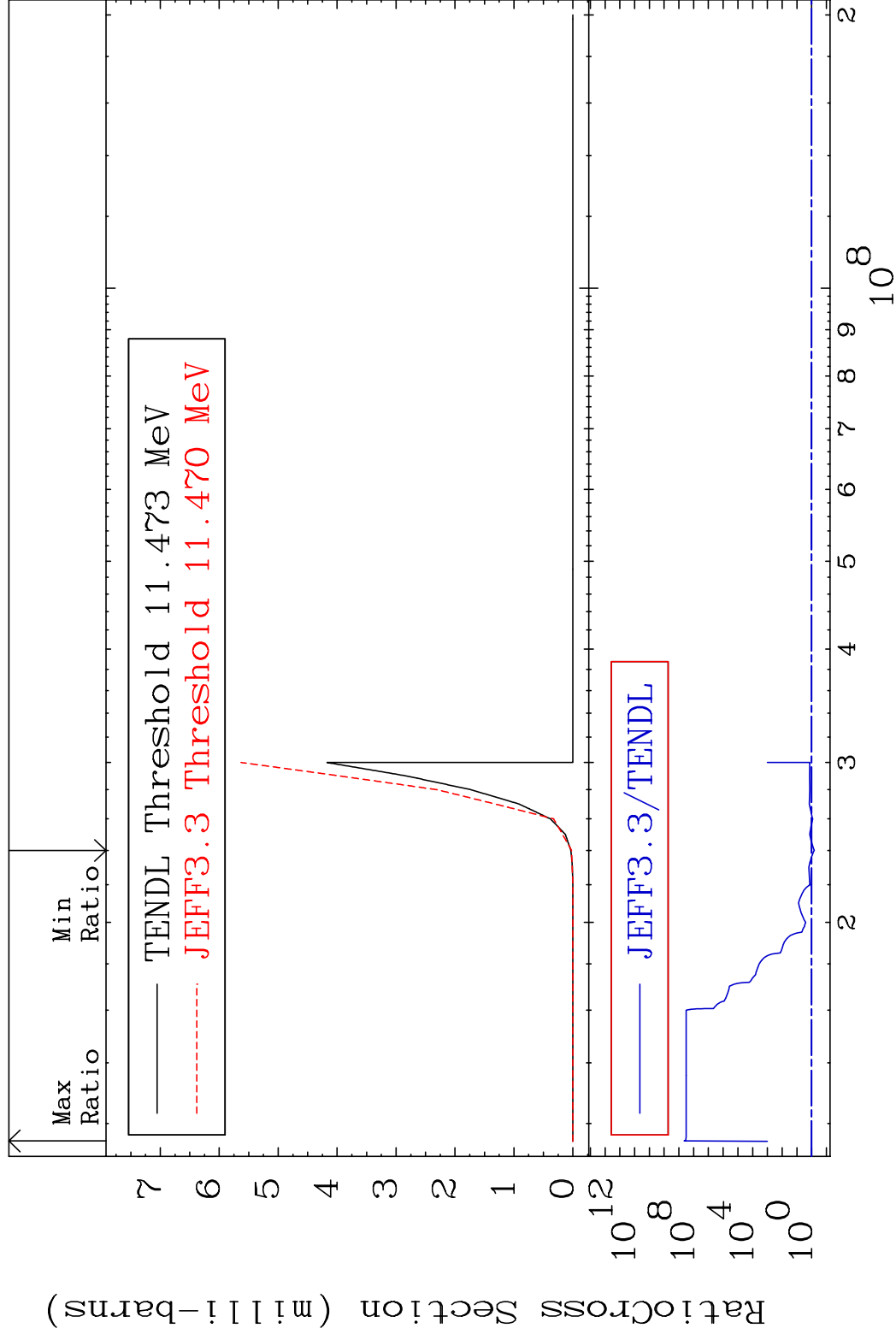
(n,3n)

53-I -129

Cross Section 3.467 To 157.8 %





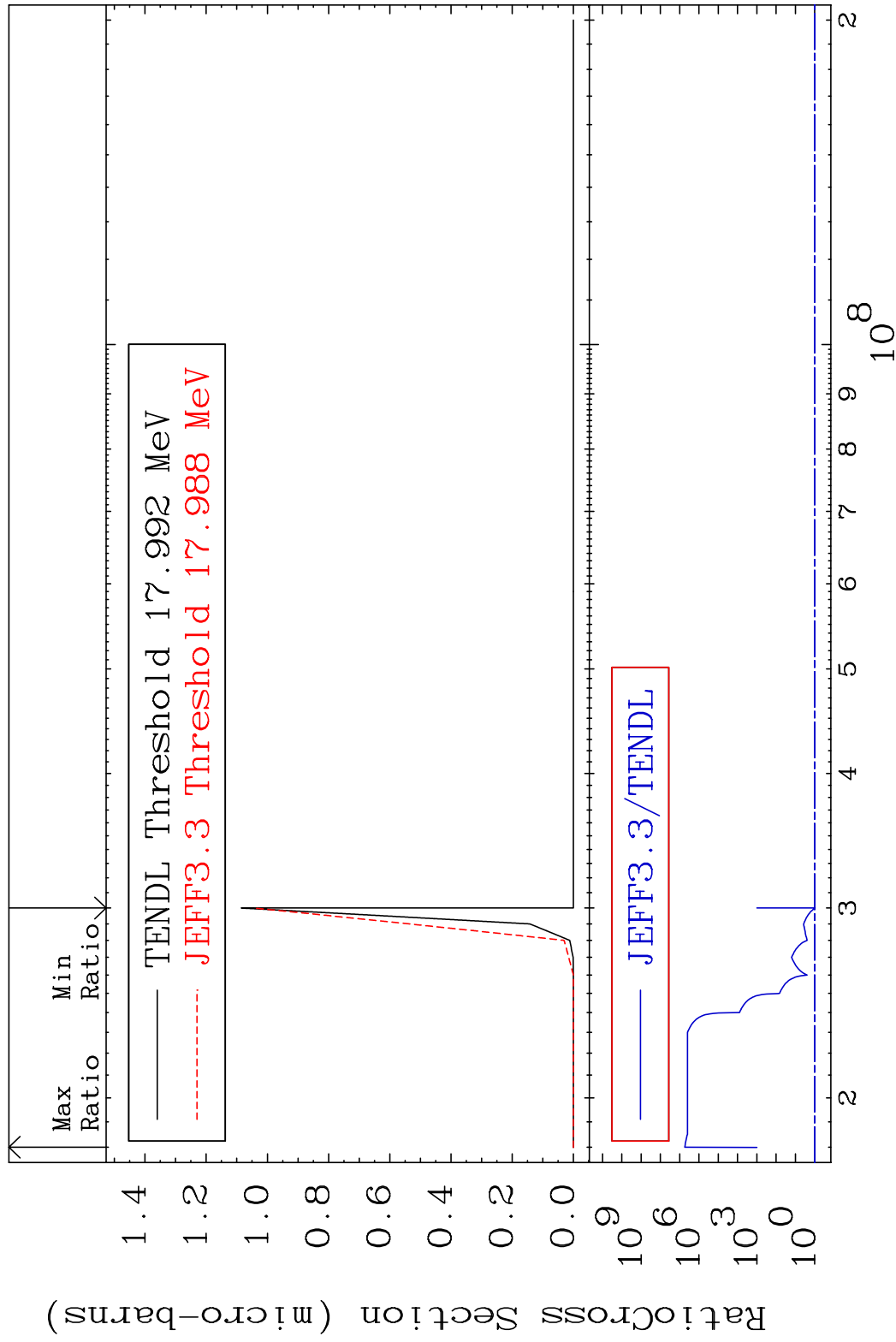


MAT 5331

(n,3n) α

53-I -129

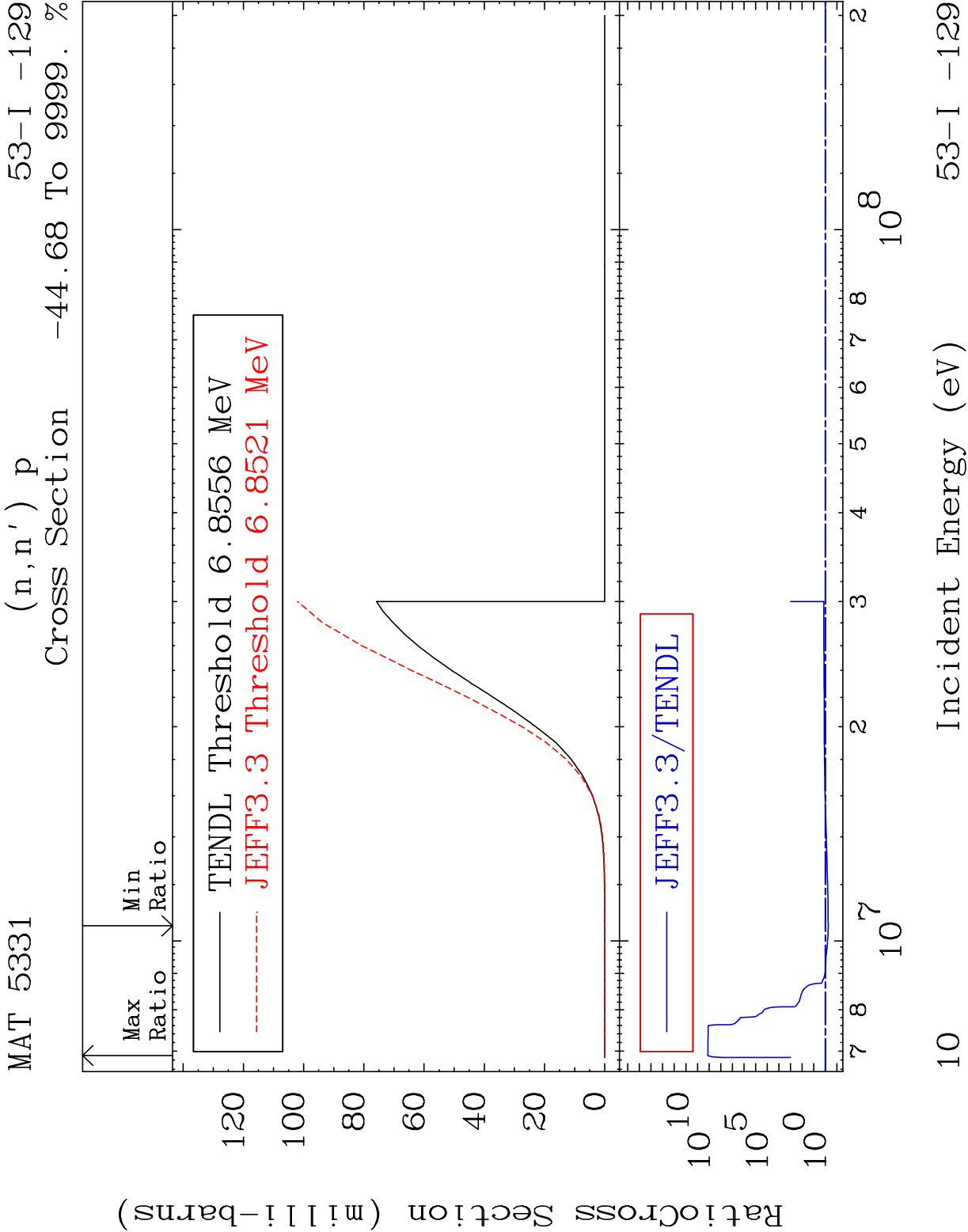
Cross Section -3.909 To 9999. %



9

Incident Energy (eV)

53-I -129

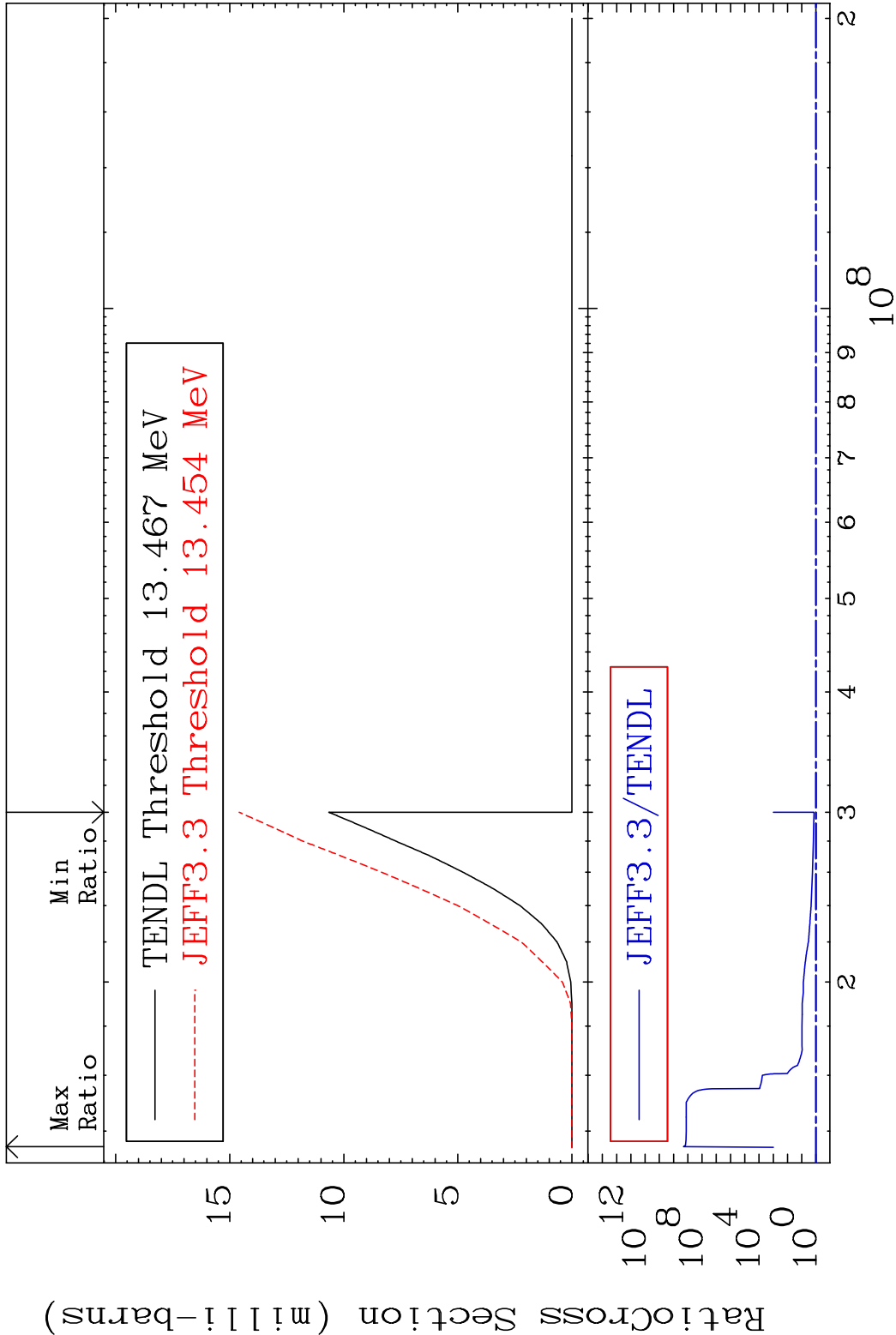


MAT 5331

(n,n') d

53-I -129

Cross Section 36.88 To 9999. %



11

Incident Energy (eV)

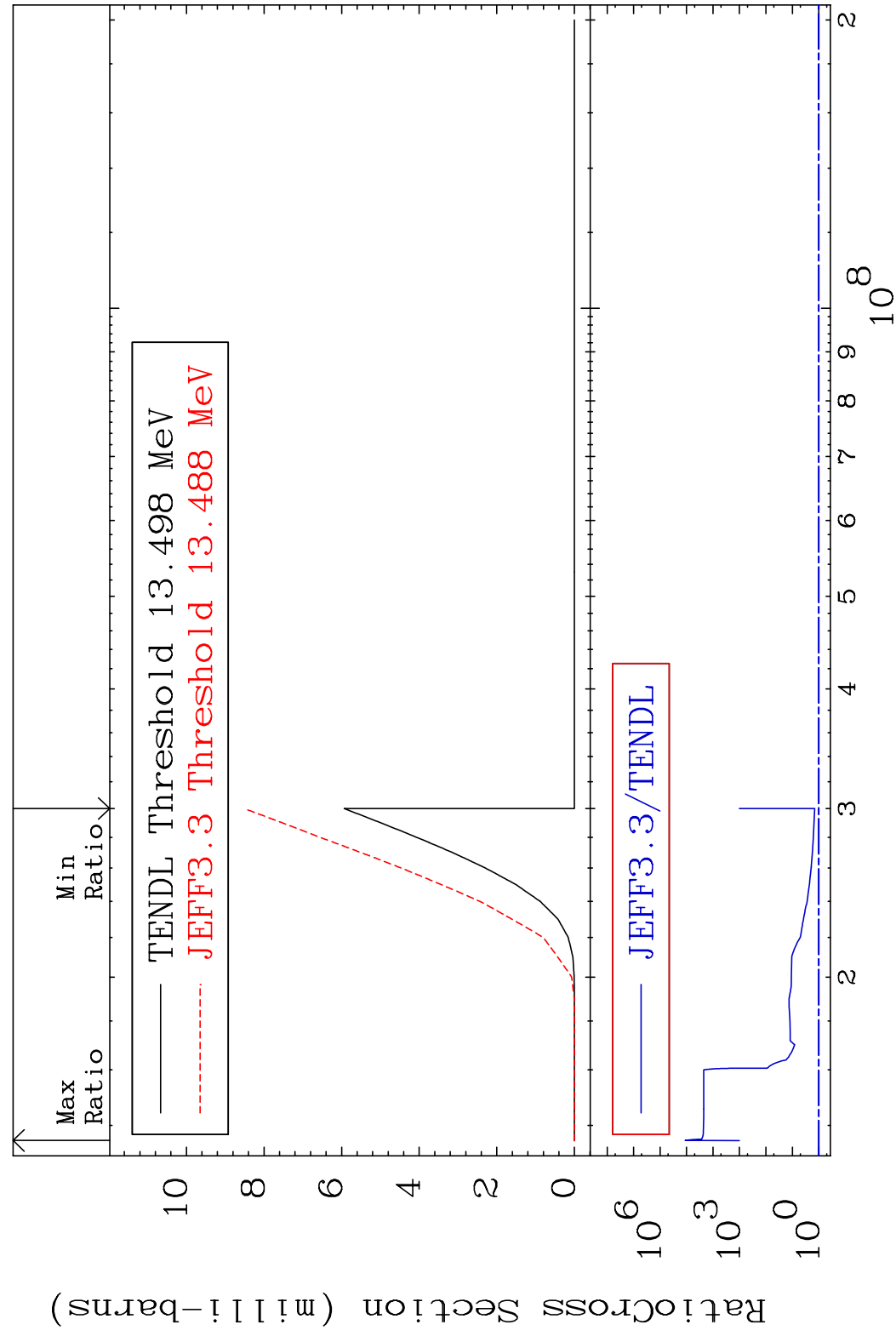
53-I -129

MAT 5331

(n,n') t

53-I -129

Cross Section 43.51 To 9999. %



12

Incident Energy (eV)

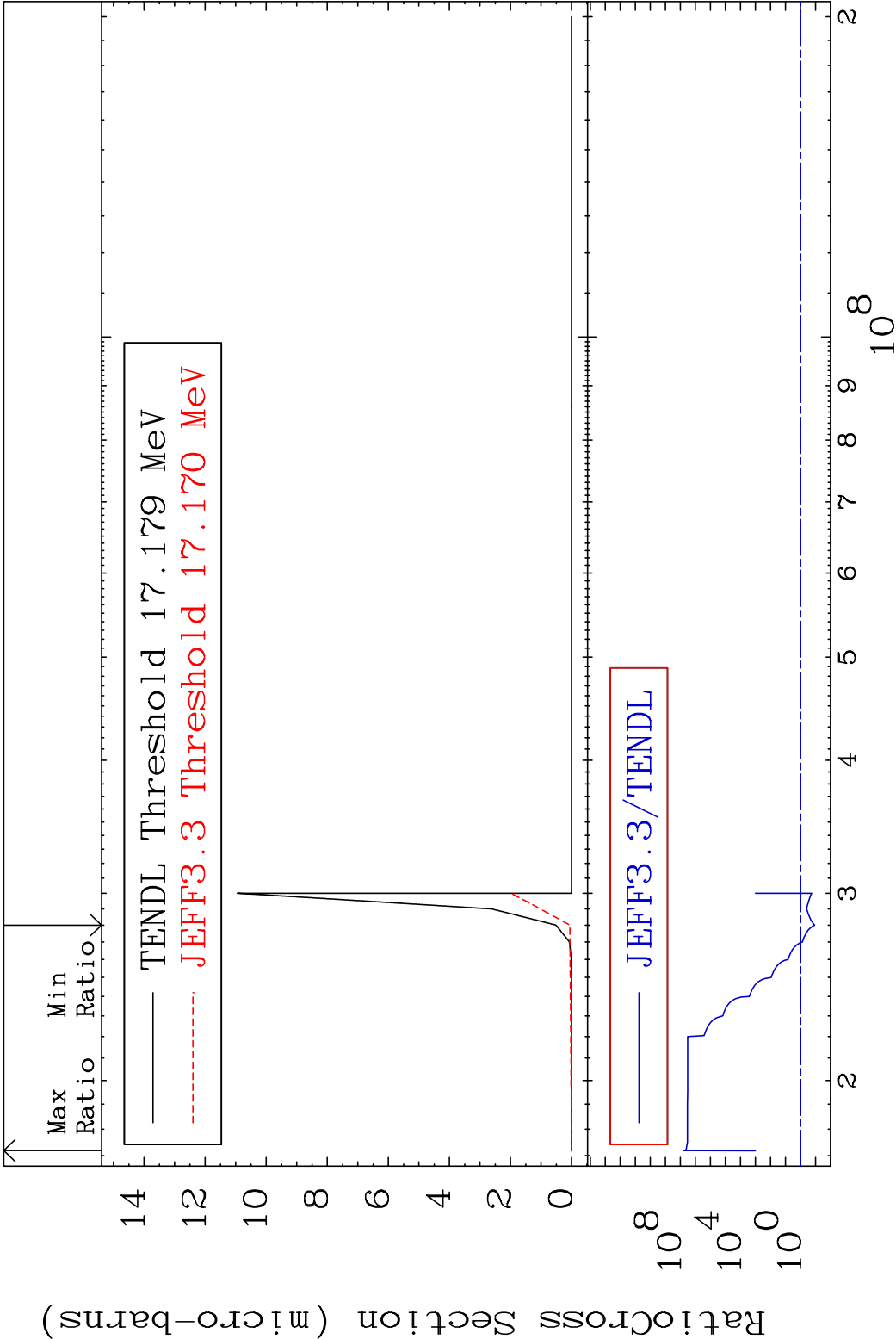
53-I -129

MAT 5331

(n,n') He-3

53-I -129

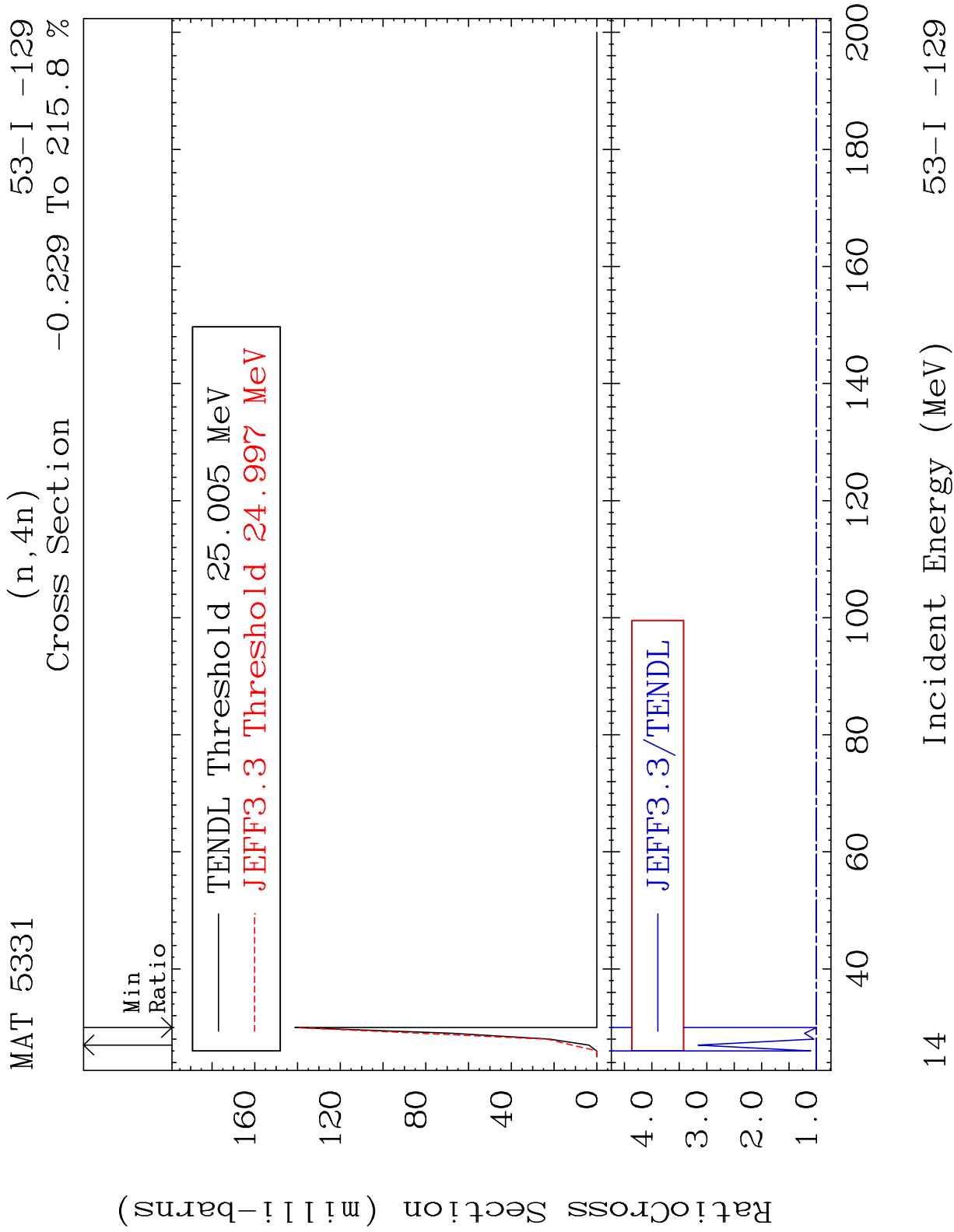
Cross Section -88.50 To 9999. %

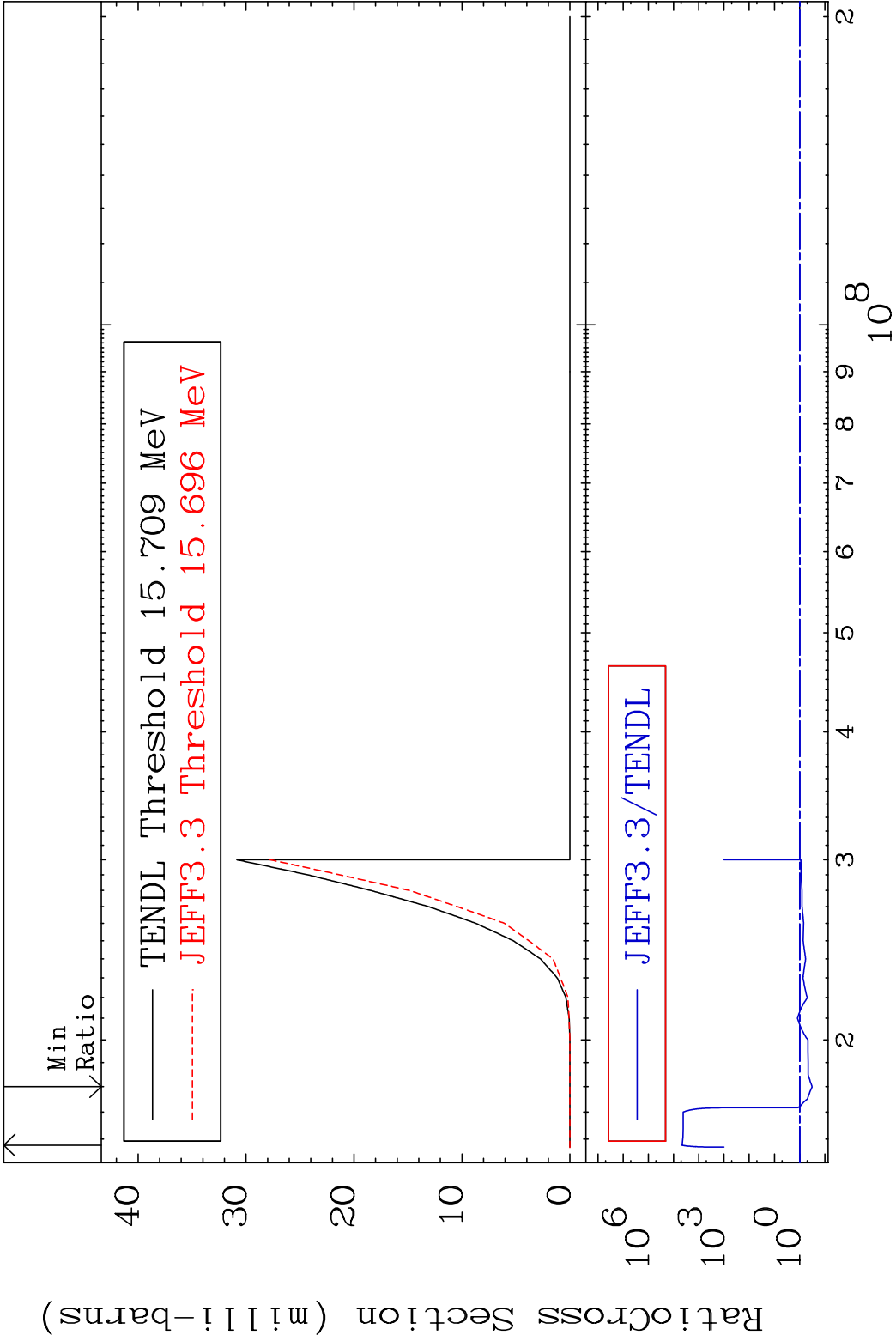


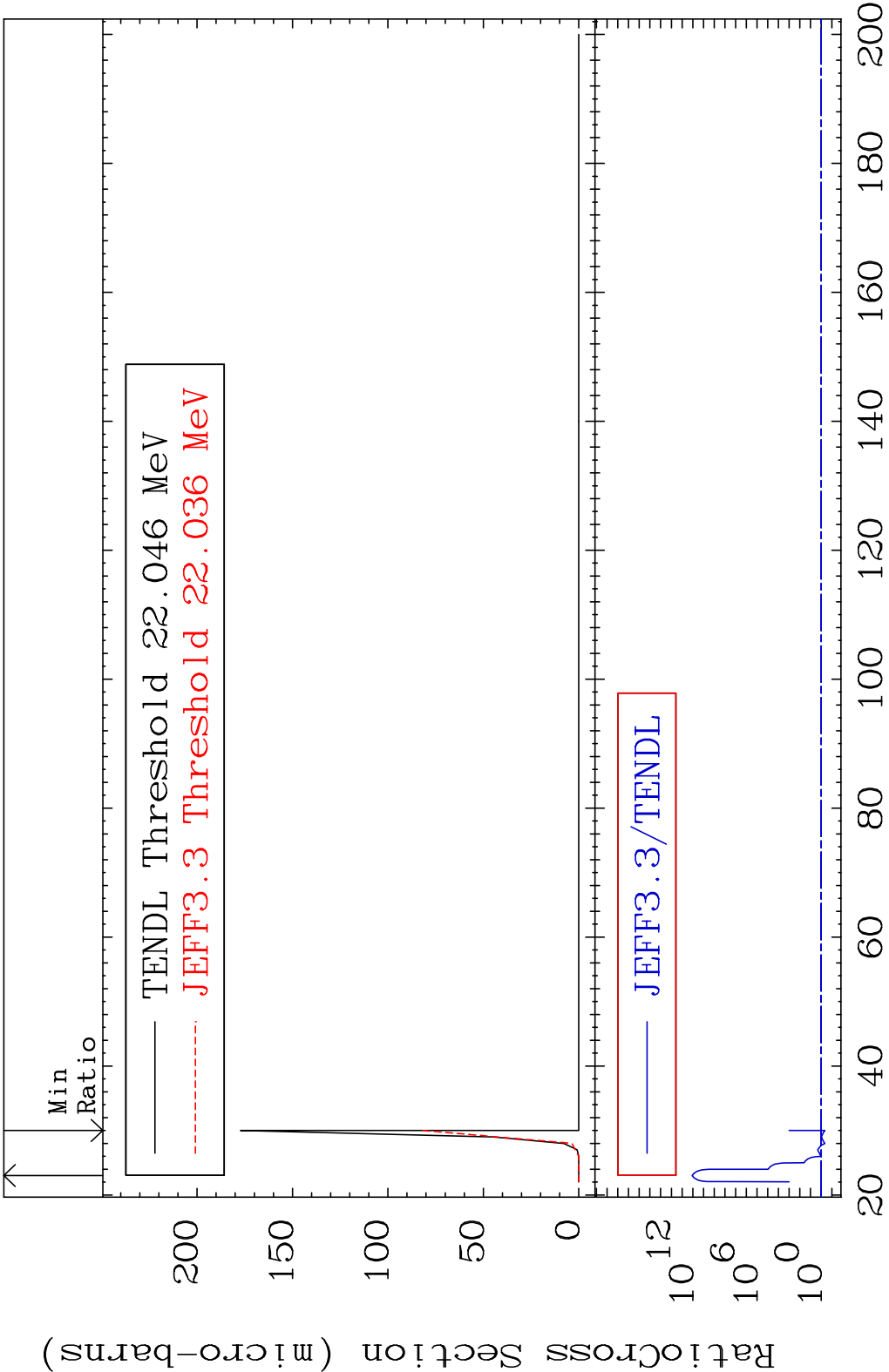
13

Incident Energy (eV)

53-I -129





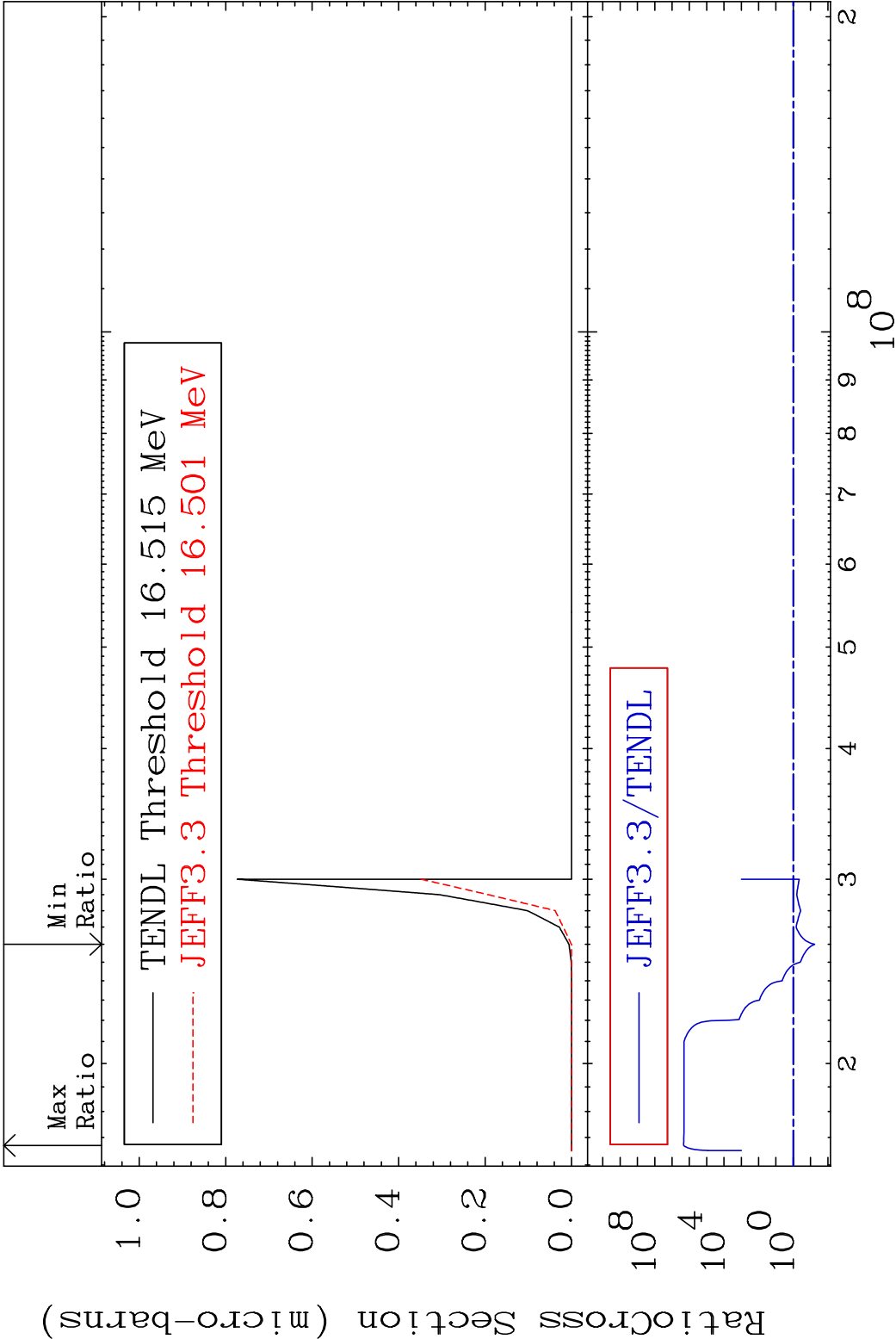


MAT 5331

(n,2n) p

53-I -129

Cross Section -94.15 To 9999. %



17

Incident Energy (eV)

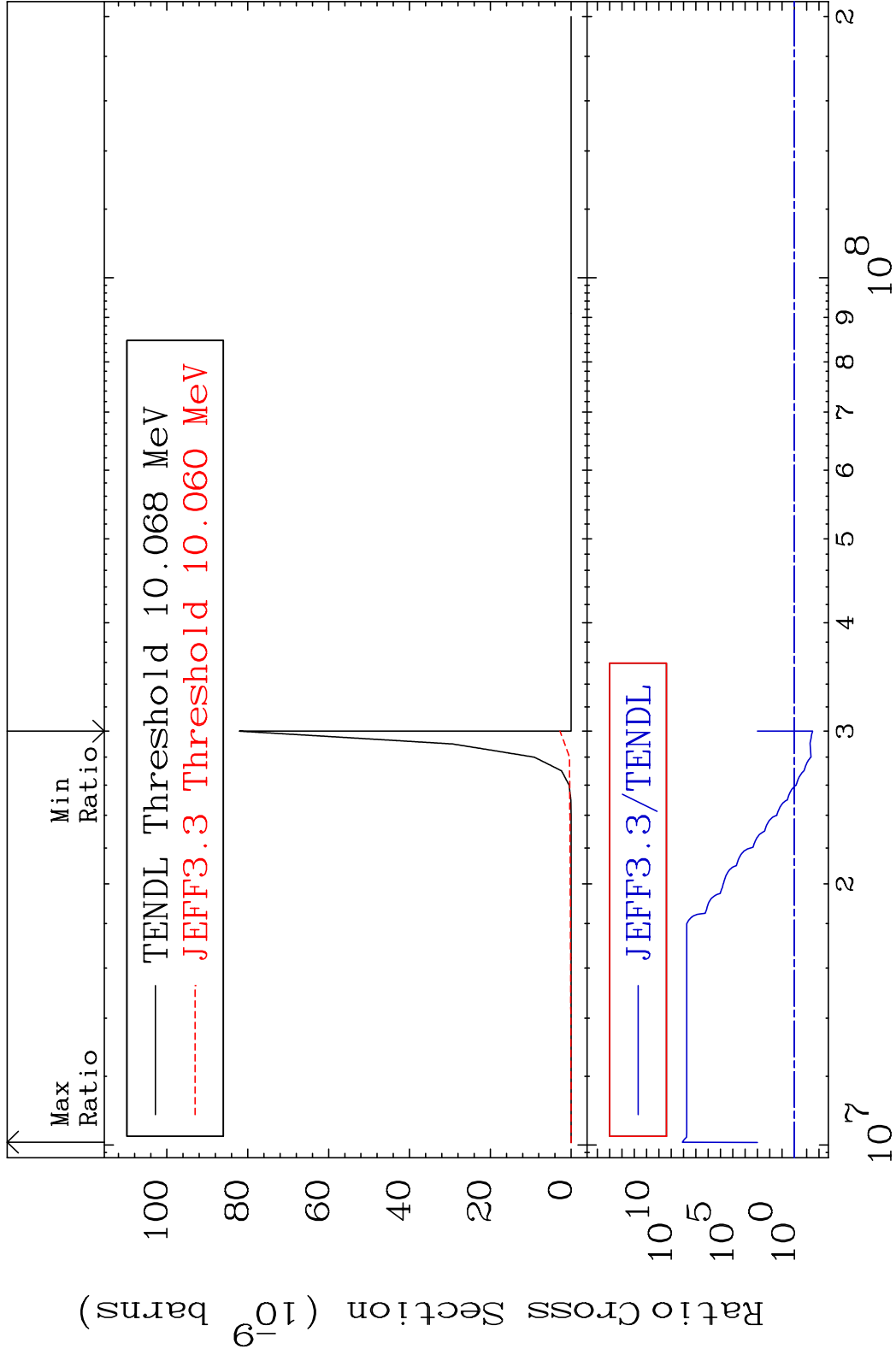
53-I -129

MAT 5331

(n,n') p α

Cross Section -96.62 To 9999. %

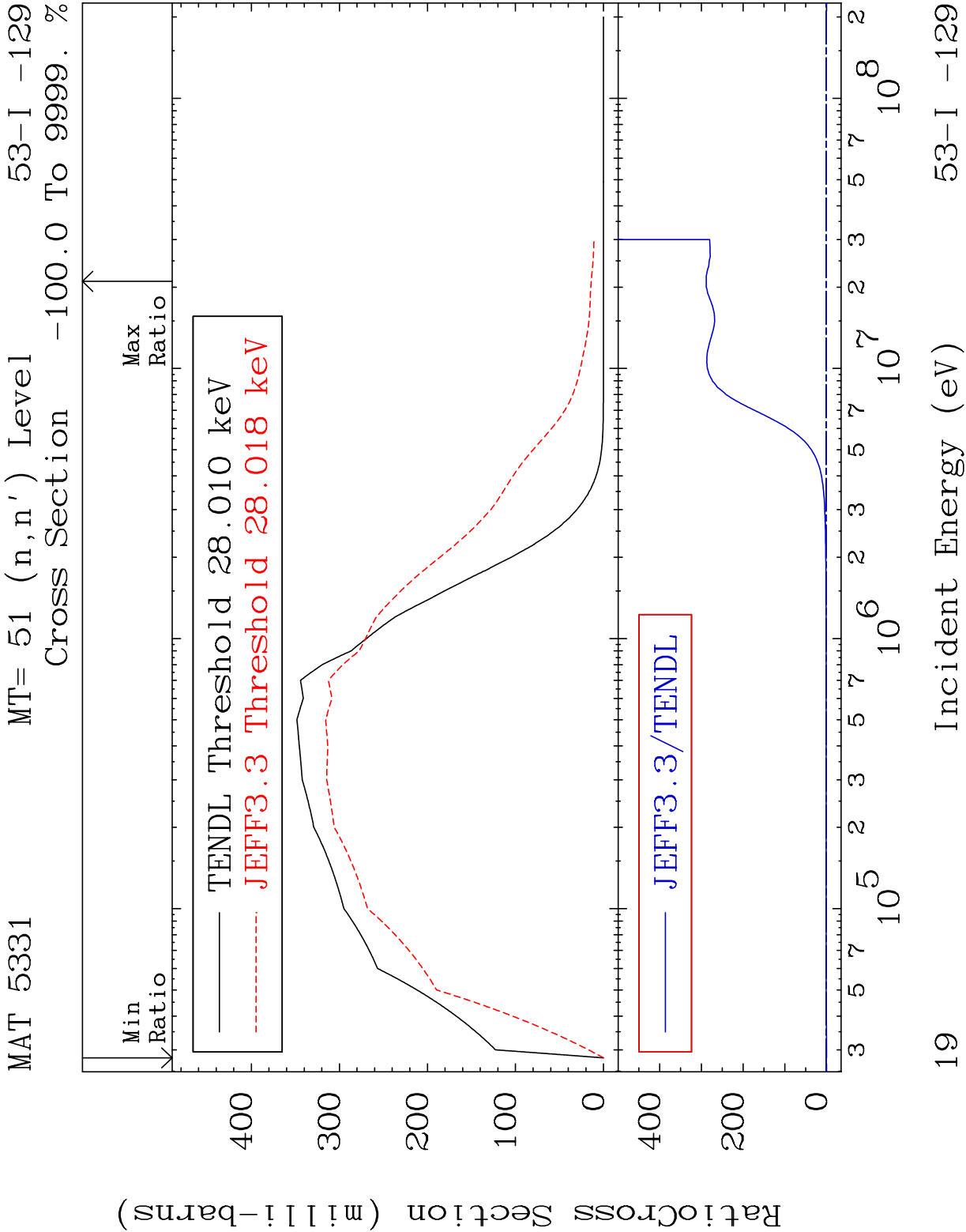
53-I -129



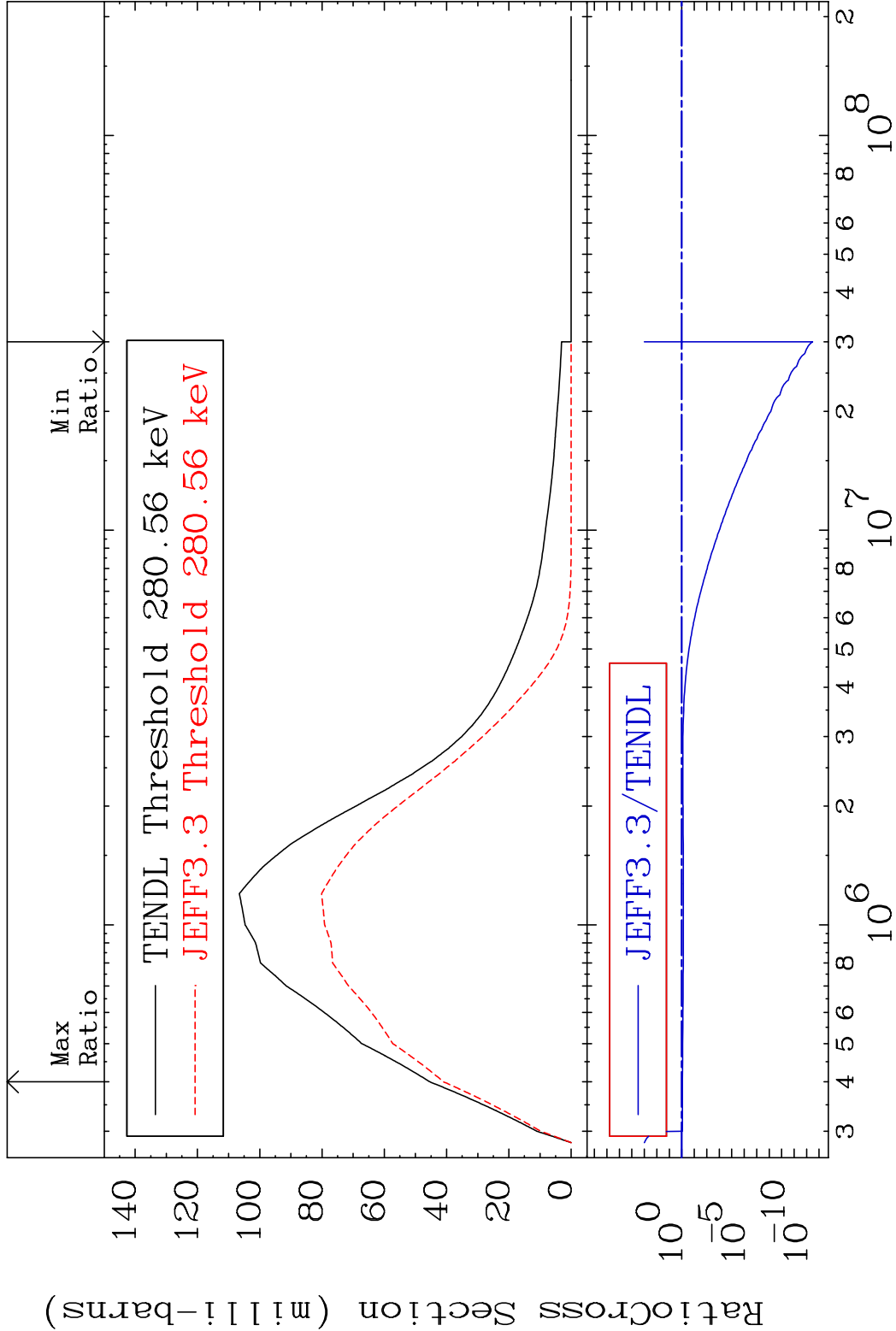
18

Incident Energy (eV)

53-I -129

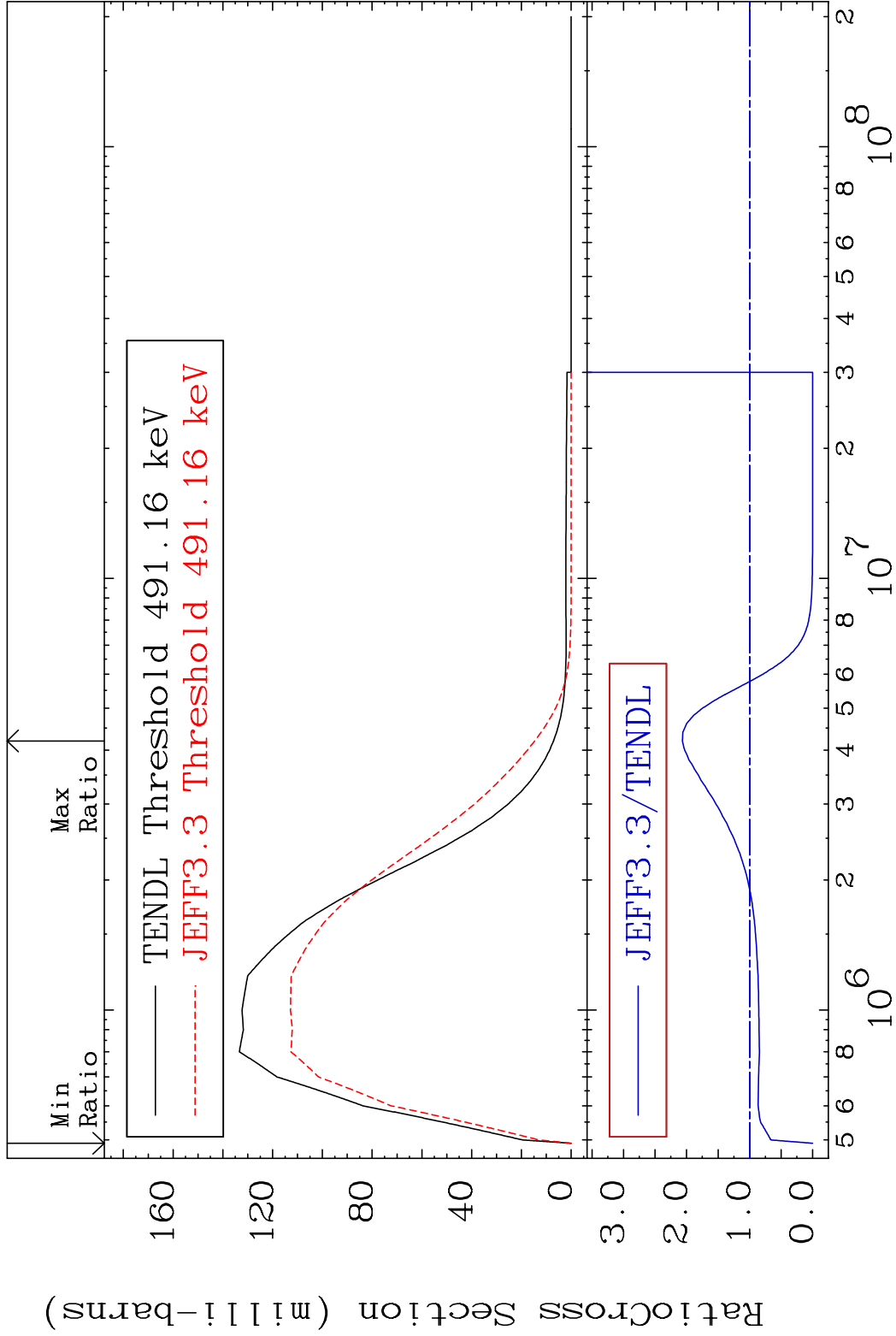


MAT 5331 MT= 52 (n,n') Level 53-I -129
Cross Section -100.0 To -9.741%



20 Incident Energy (eV) 53-I -129

MAT 5331 MT= 53 (n,n') Level 53-I -129
Cross Section -100.0 To 106.7 %



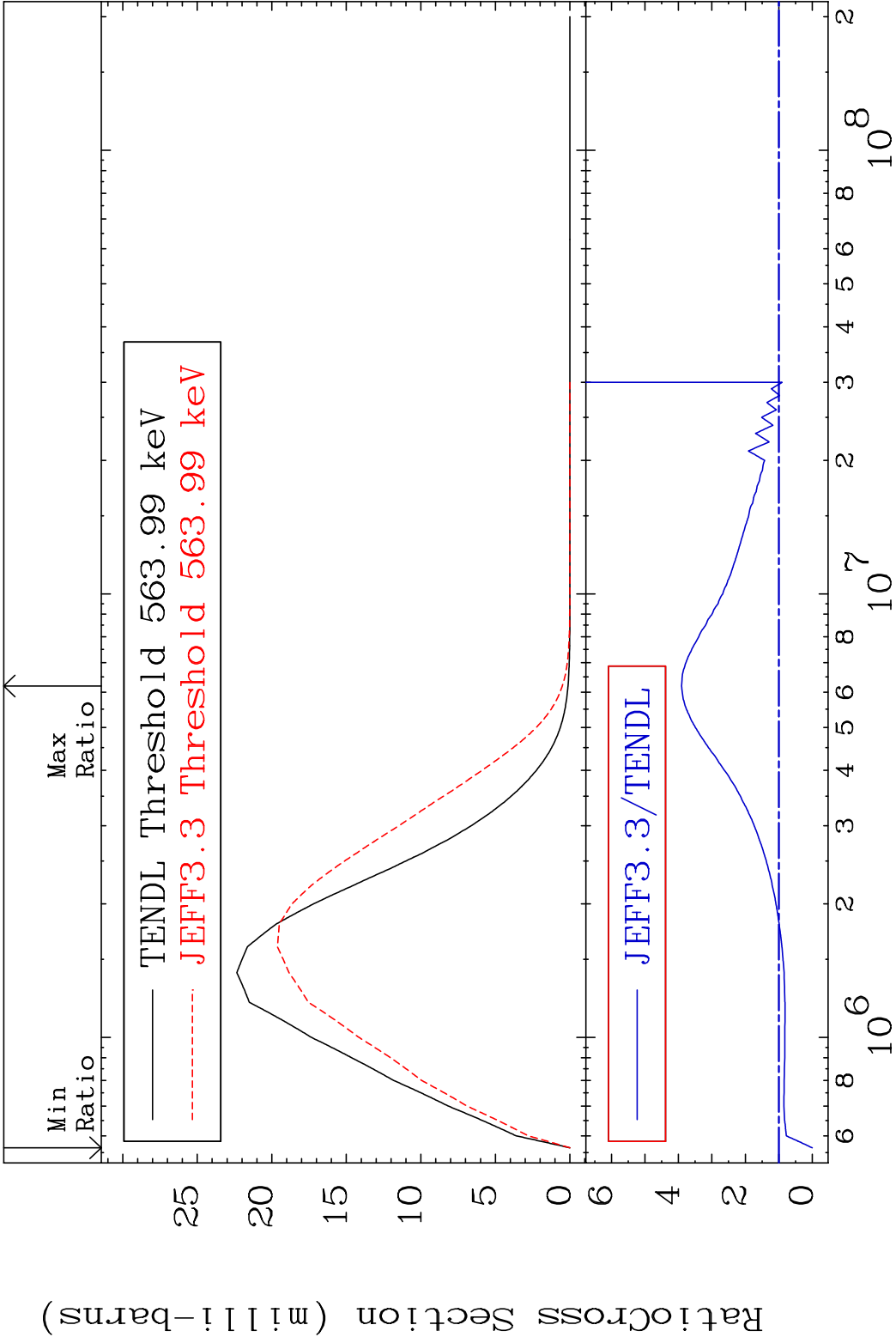
MAT 5331

MT= 54 (n,n') Level

53-I -129

Cross Section

-100.0 To 290.7 %



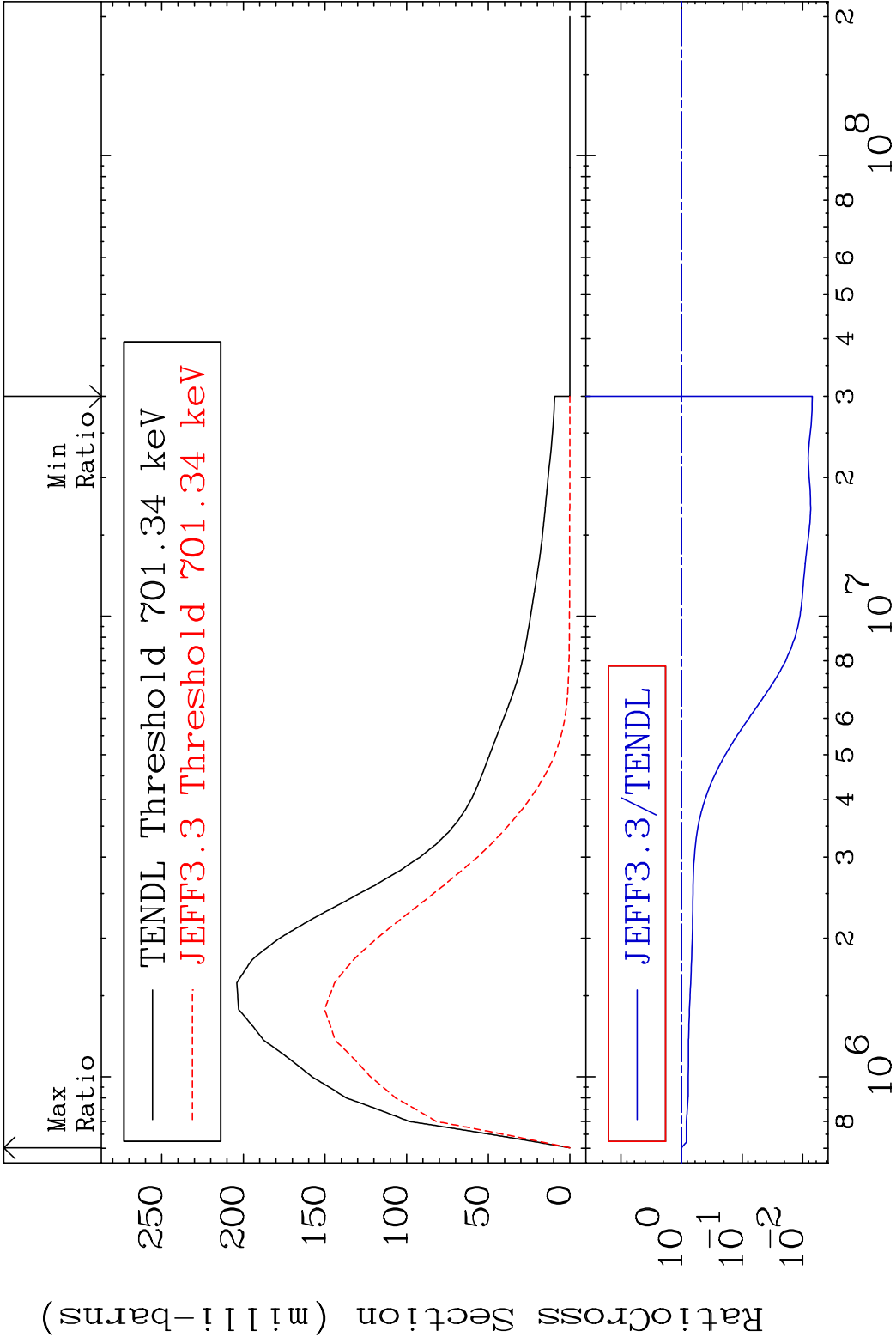
MAT 5331

MT= 55 (n,n') Level

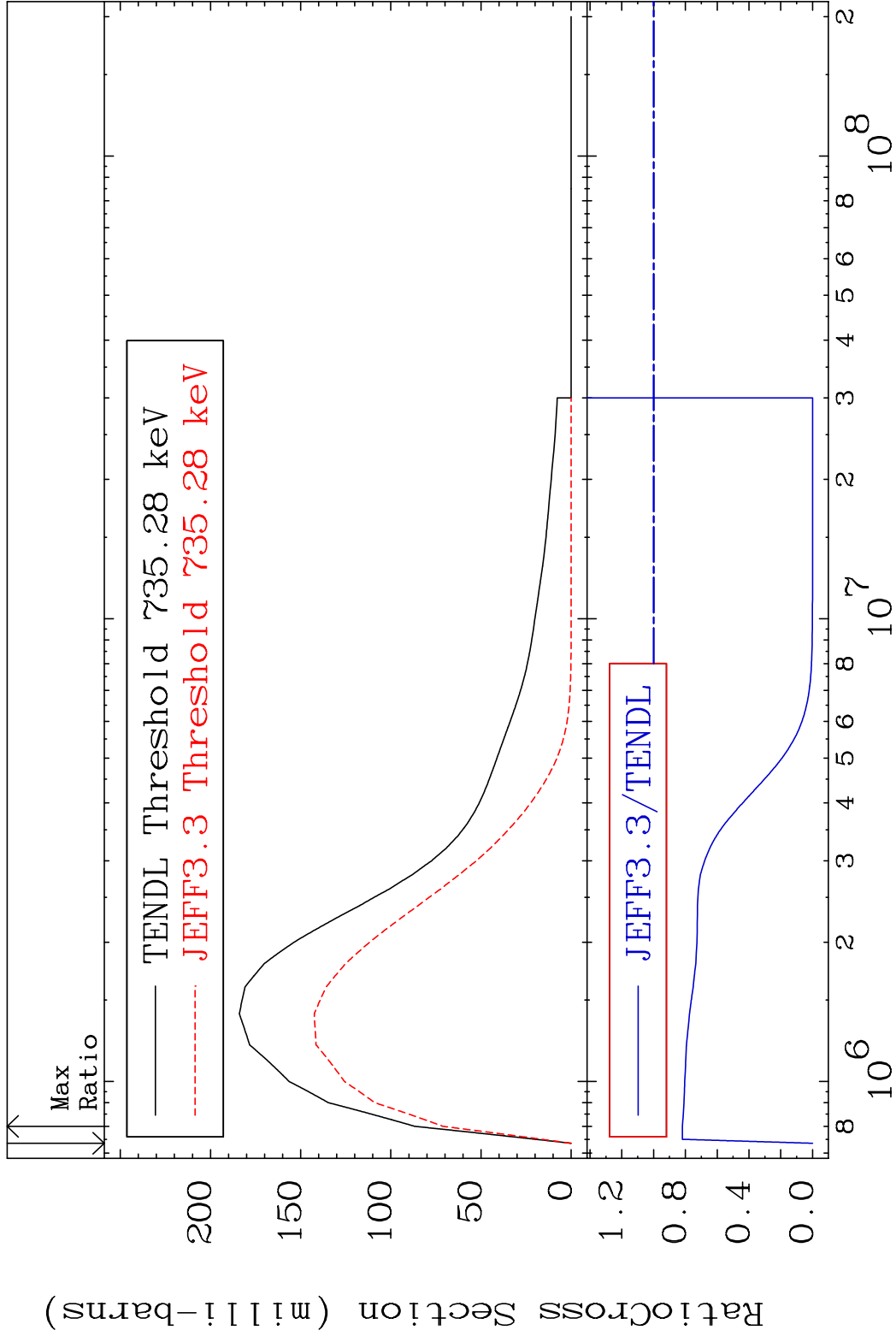
53-I -129

Cross Section

-99.30 To 0.000 %

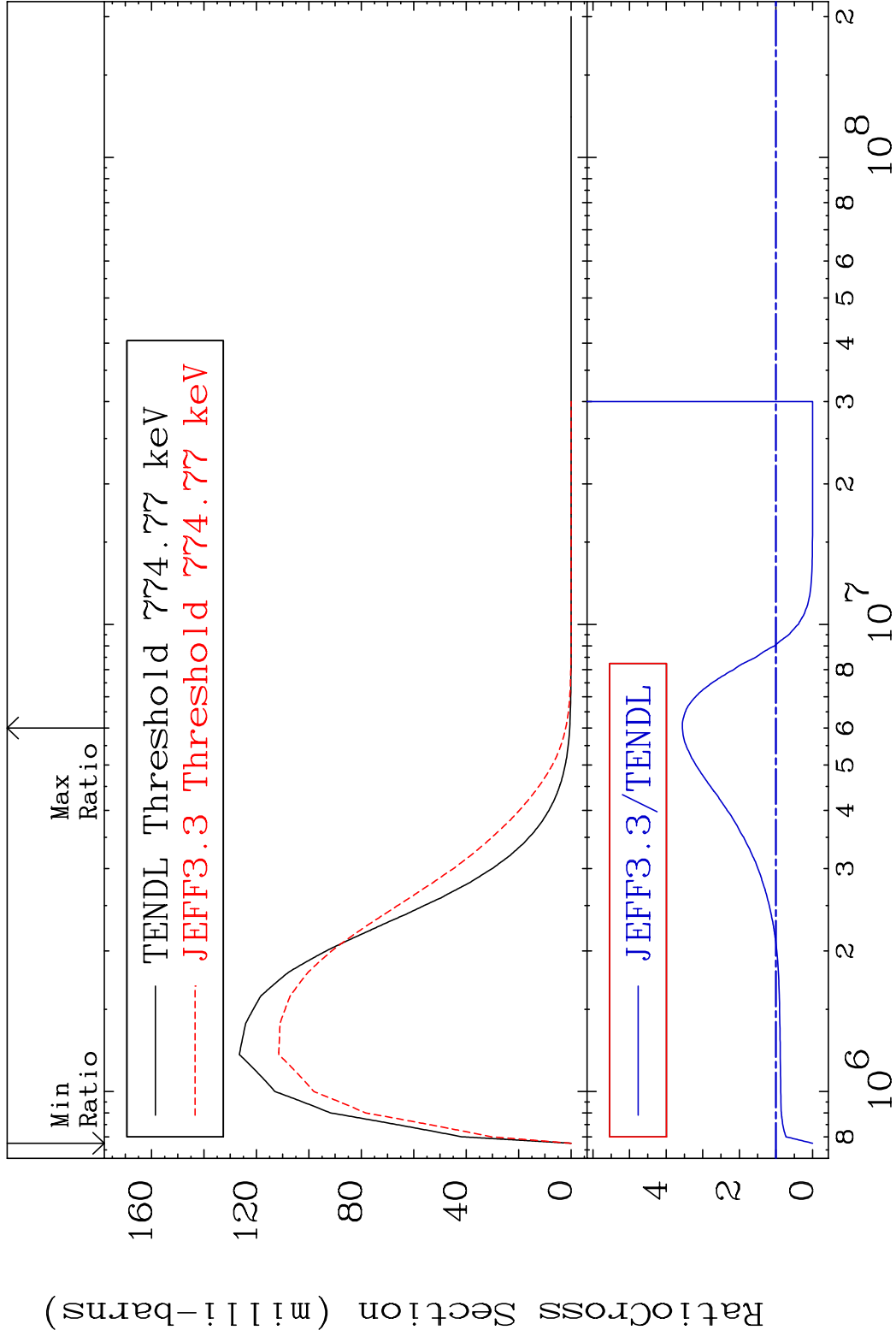


MAT 5331 MT= 56 (n,n') Level 53-I -129
Cross Section -100.0 To -18.09%

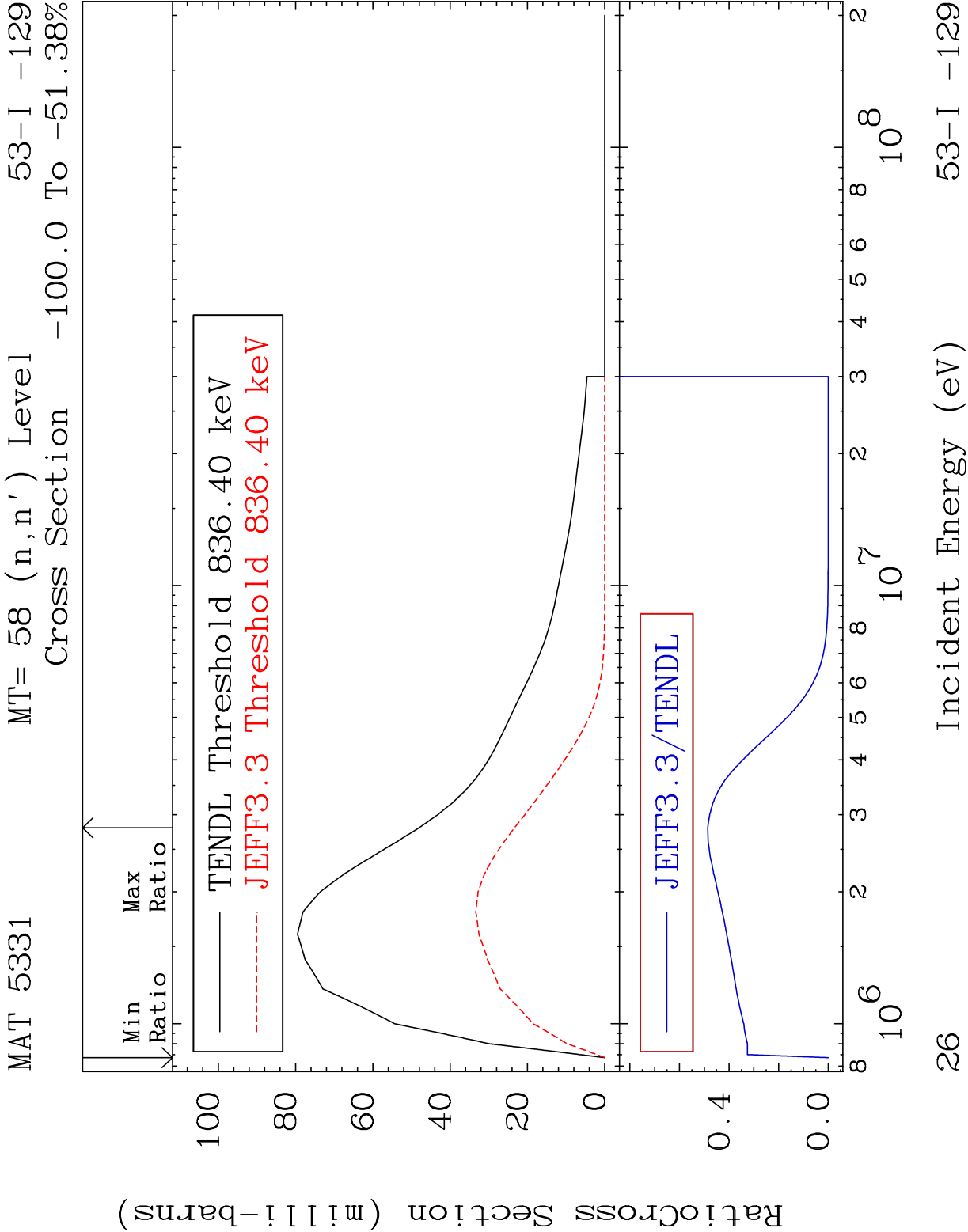


24 Incident Energy (eV) 53-I -129

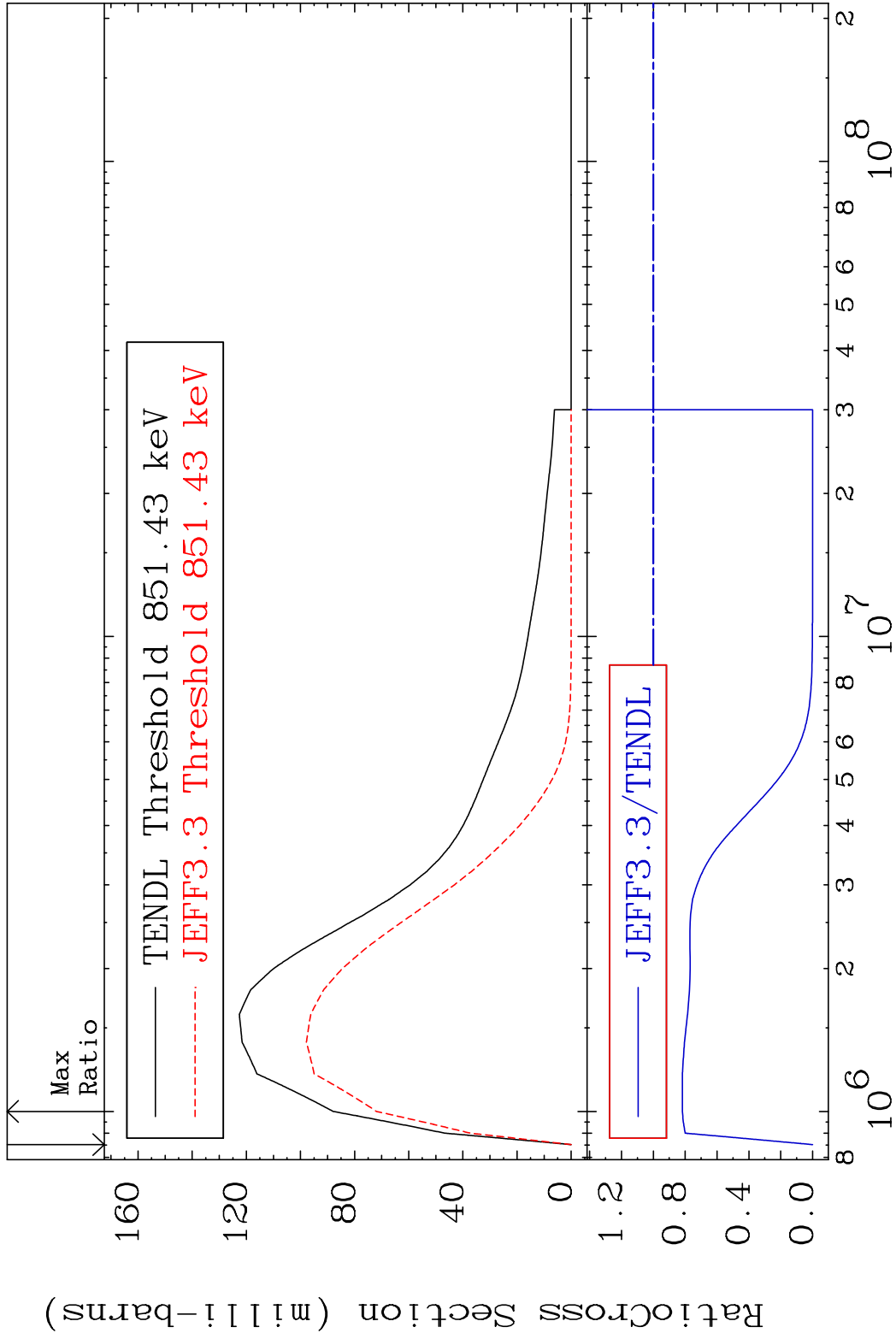
MAT 5331 MT= 57 (n,n') Level 53-I -129
Cross Section -100.0 To 255.7 %



25 Incident Energy (eV) 53-I -129



MAT 5331 MT= 59 (n,n') Level 53-I -129
Cross Section -100.0 To -18.22%



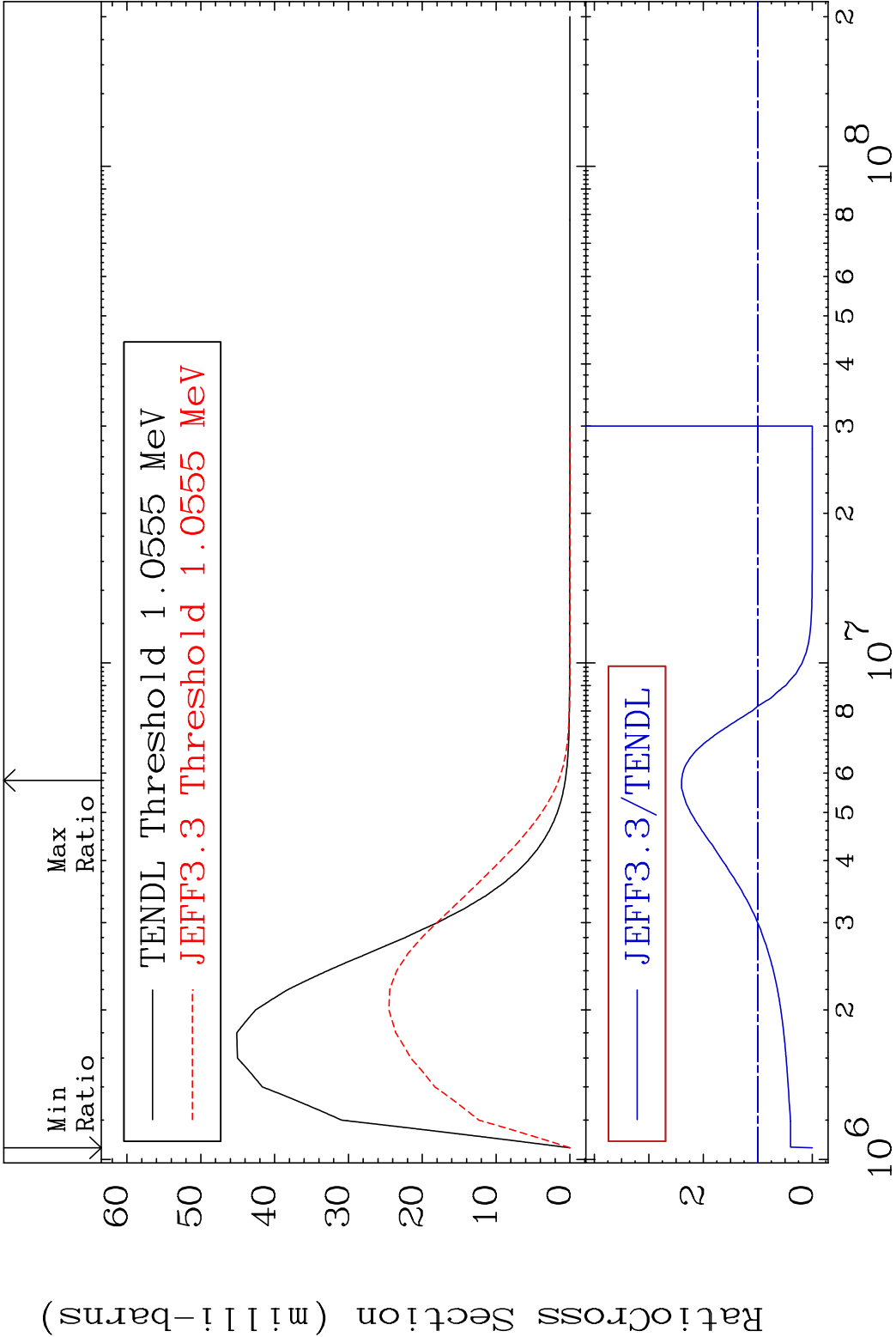
MAT 5331

MT= 60 (n,n') Level

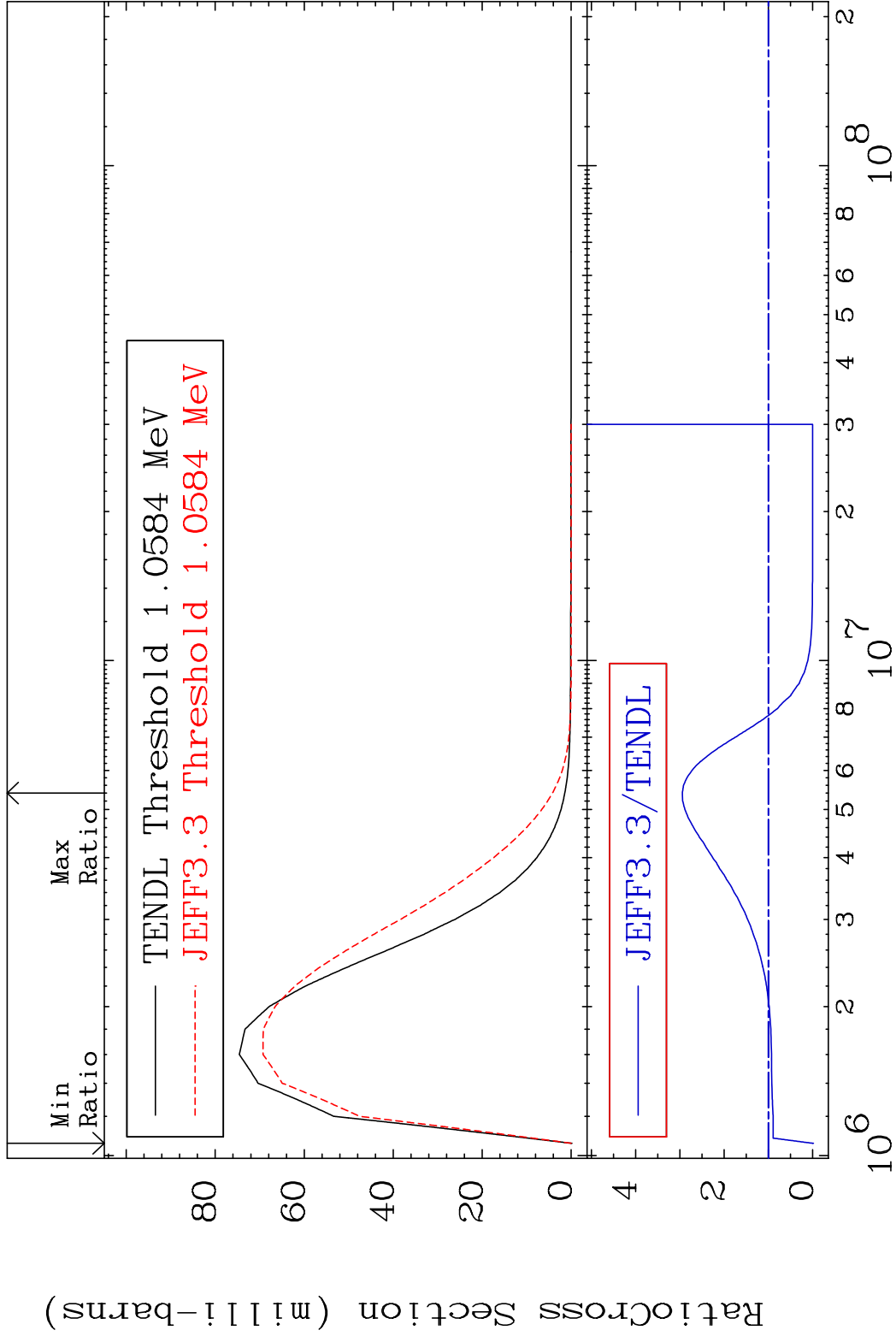
53-I -129

Cross Section

-100.0 To 139.9 %

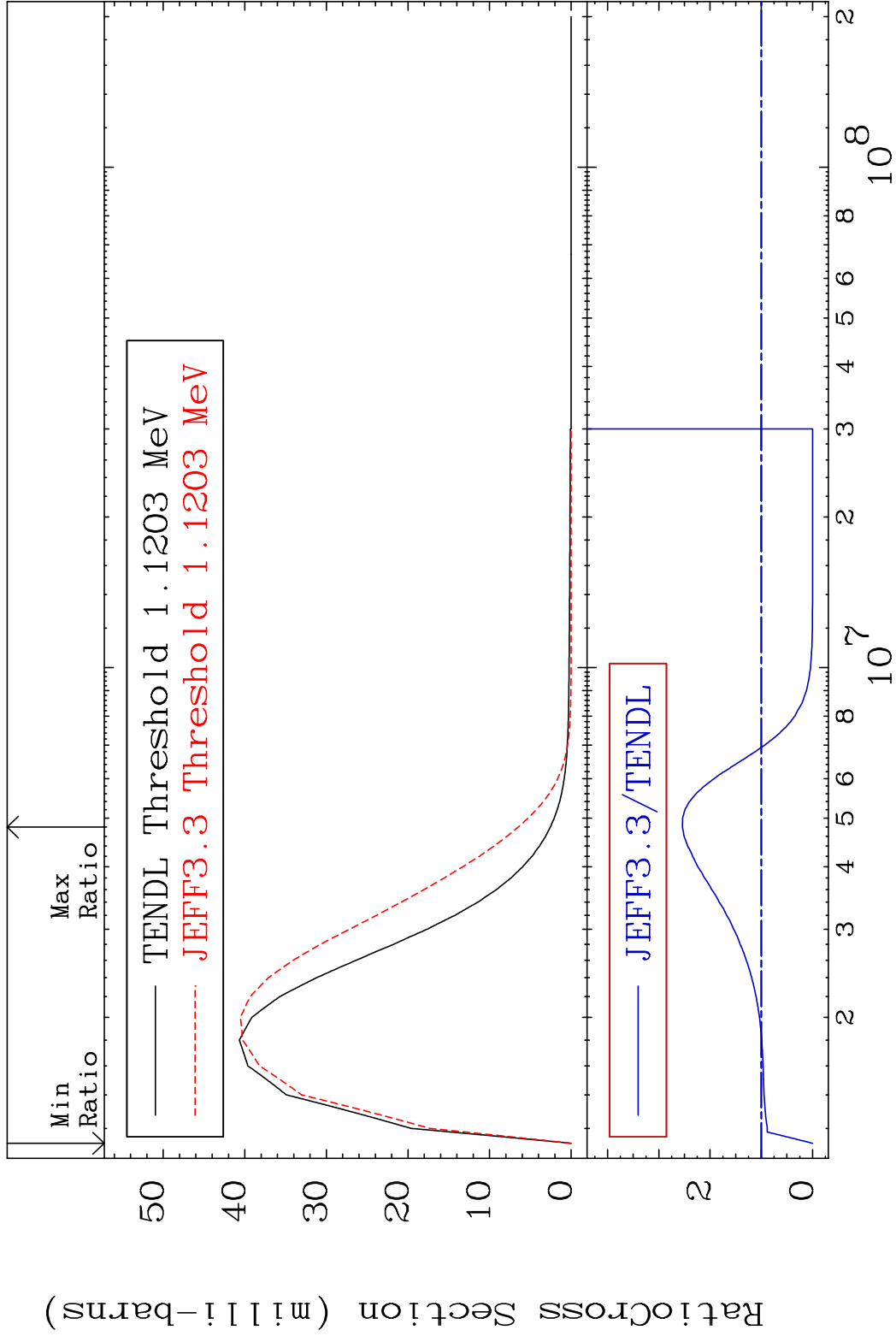


MAT 5331 MT= 61 (n,n') Level 53-I -129
Cross Section -100.0 To 194.3 %



29 Incident Energy (eV) 53-I -129

MAT 5331 MT= 62 (n,n') Level 53-I -129
Cross Section -100.0 To 154.1 %



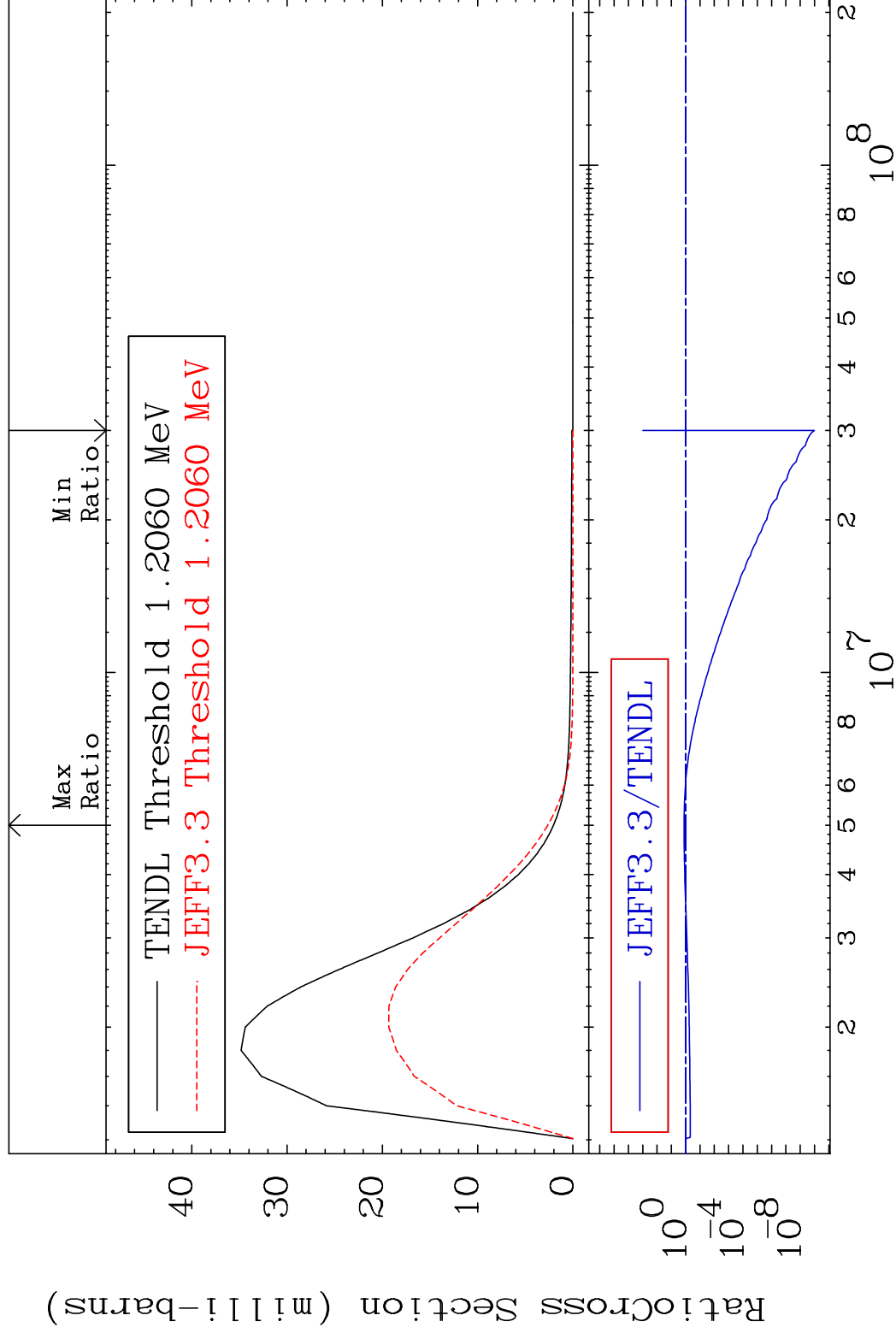
30 Incident Energy (eV) 53-I -129

MAT 5331

MT= 63 (n, n') Level

53-I -129

Cross Section	-100.0 To 29.63 %

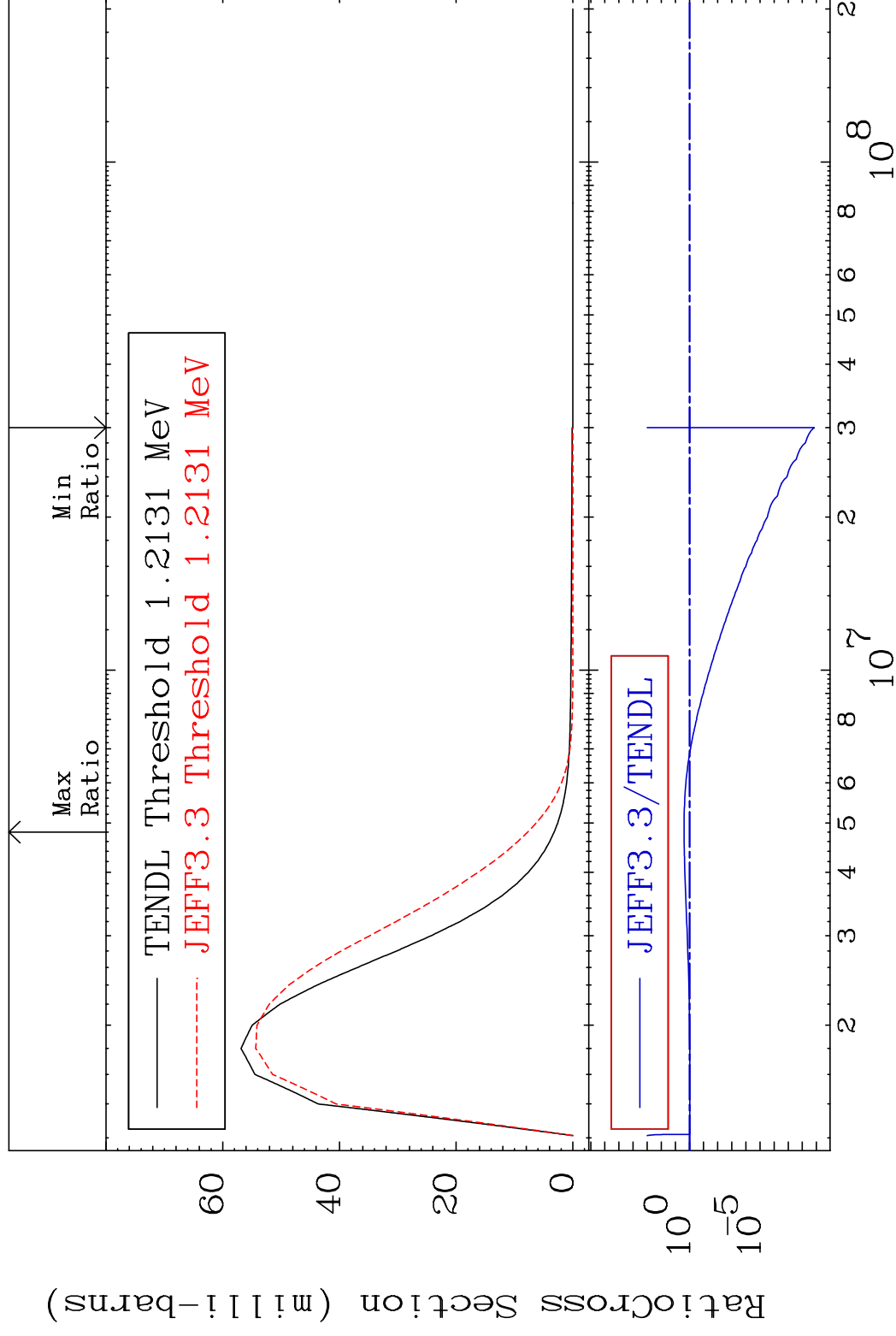


MAT 5331

MT=64 (n,n') Level

53-I -129

Cross Section



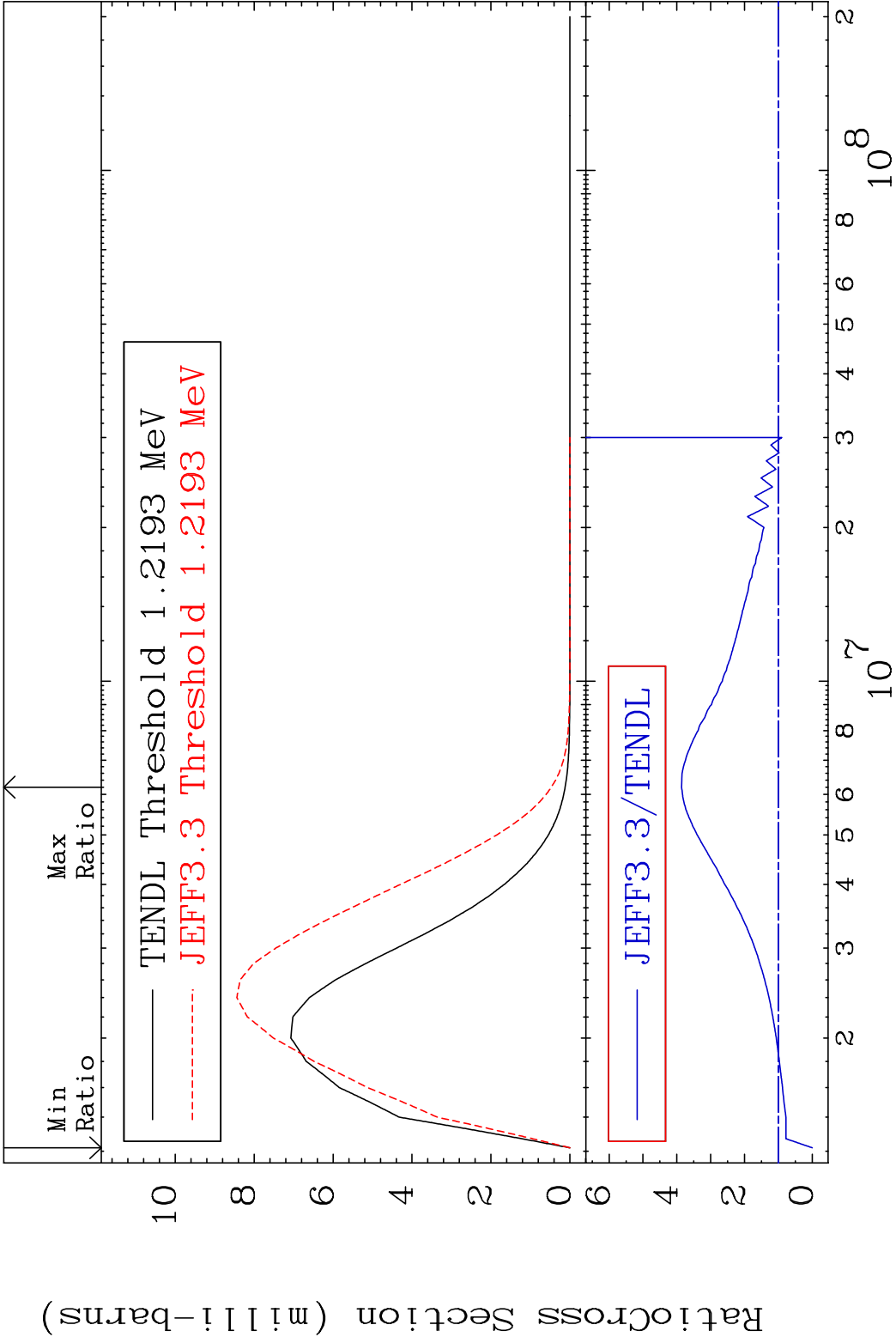
MAT 5331

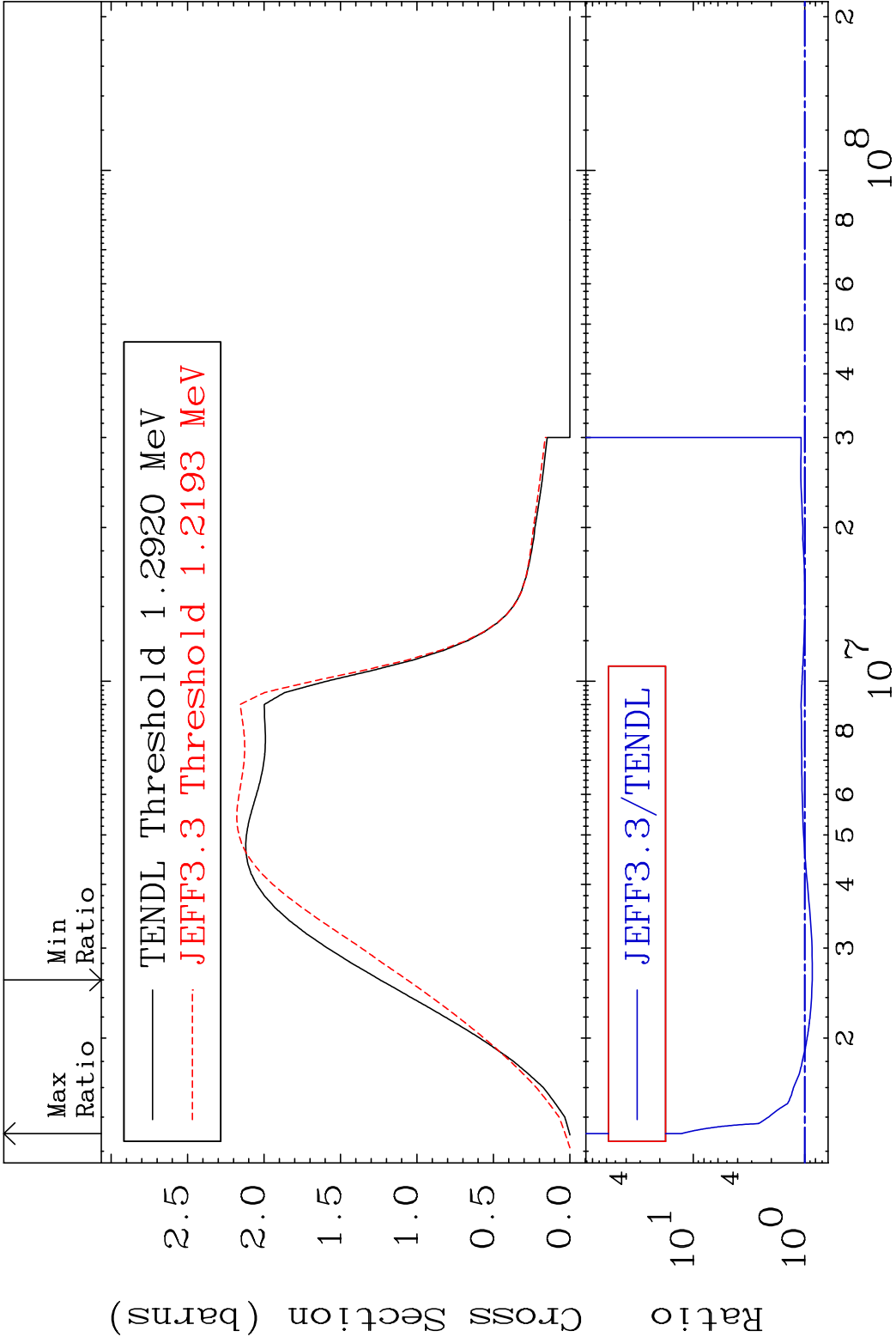
MT= 65 (n,n') Level

53-I -129

Cross Section

-100.0 To 286.1 %

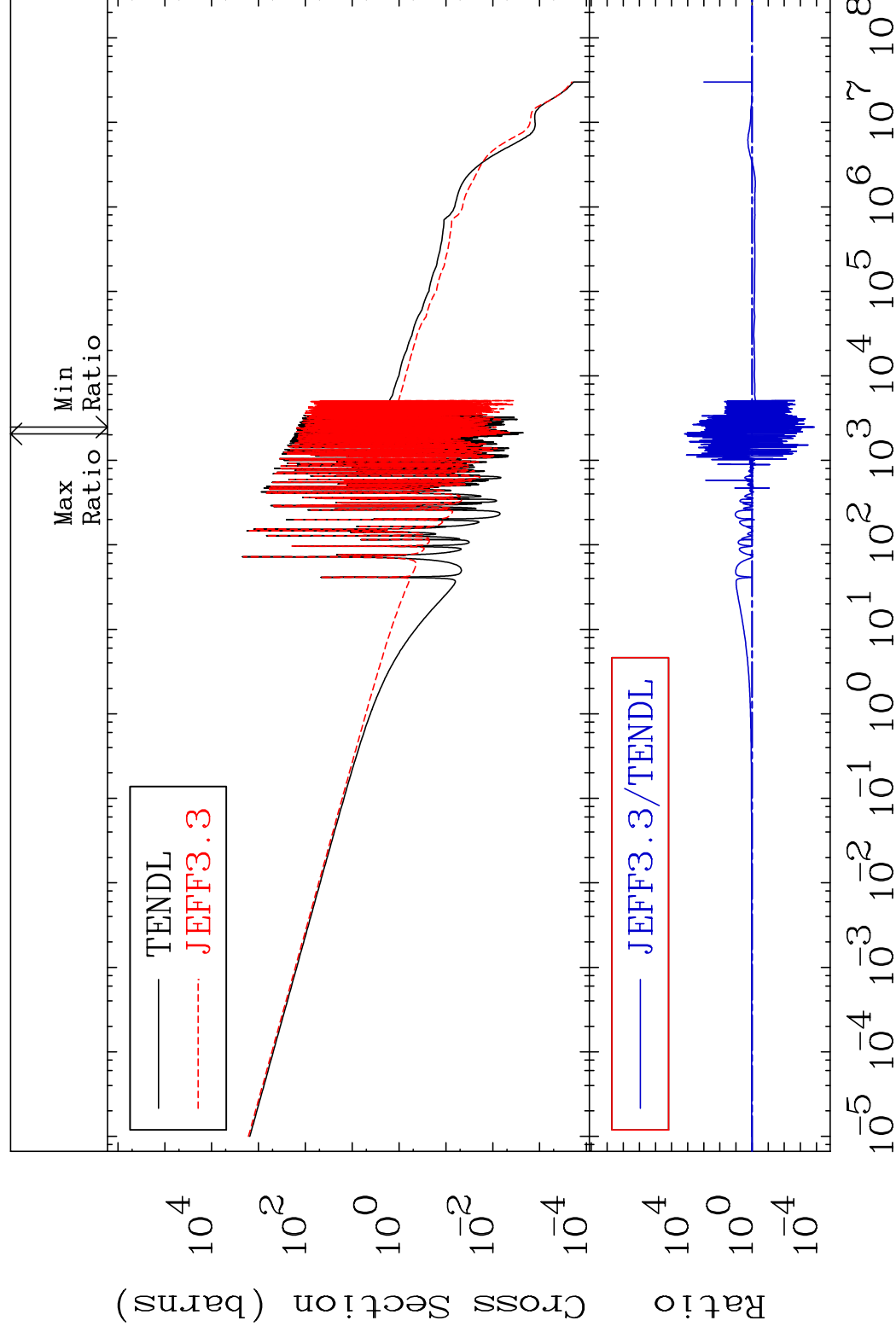




MAT 5331

(n, γ)

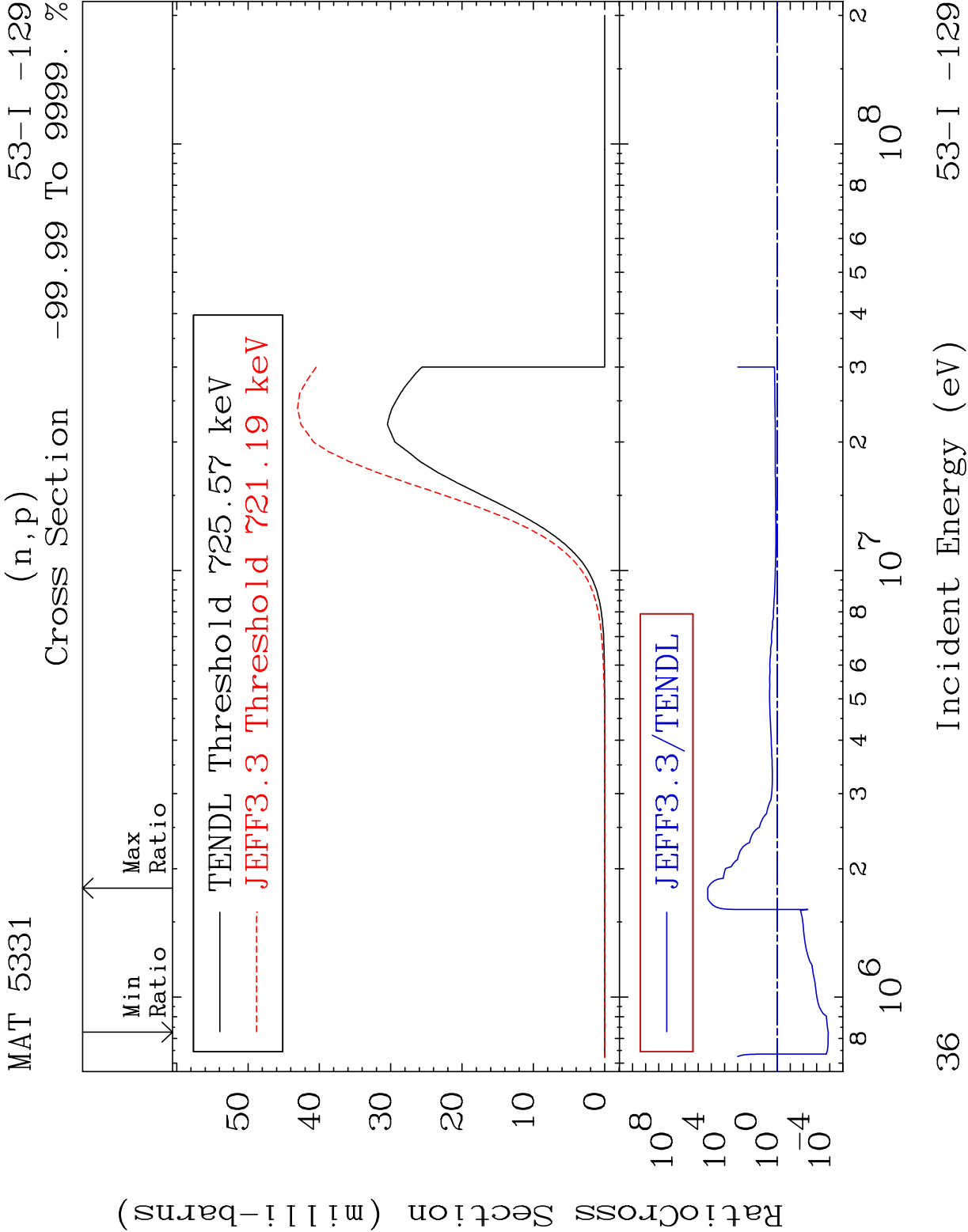
Cross Section 53-I -129
-99.99 To 9999. %

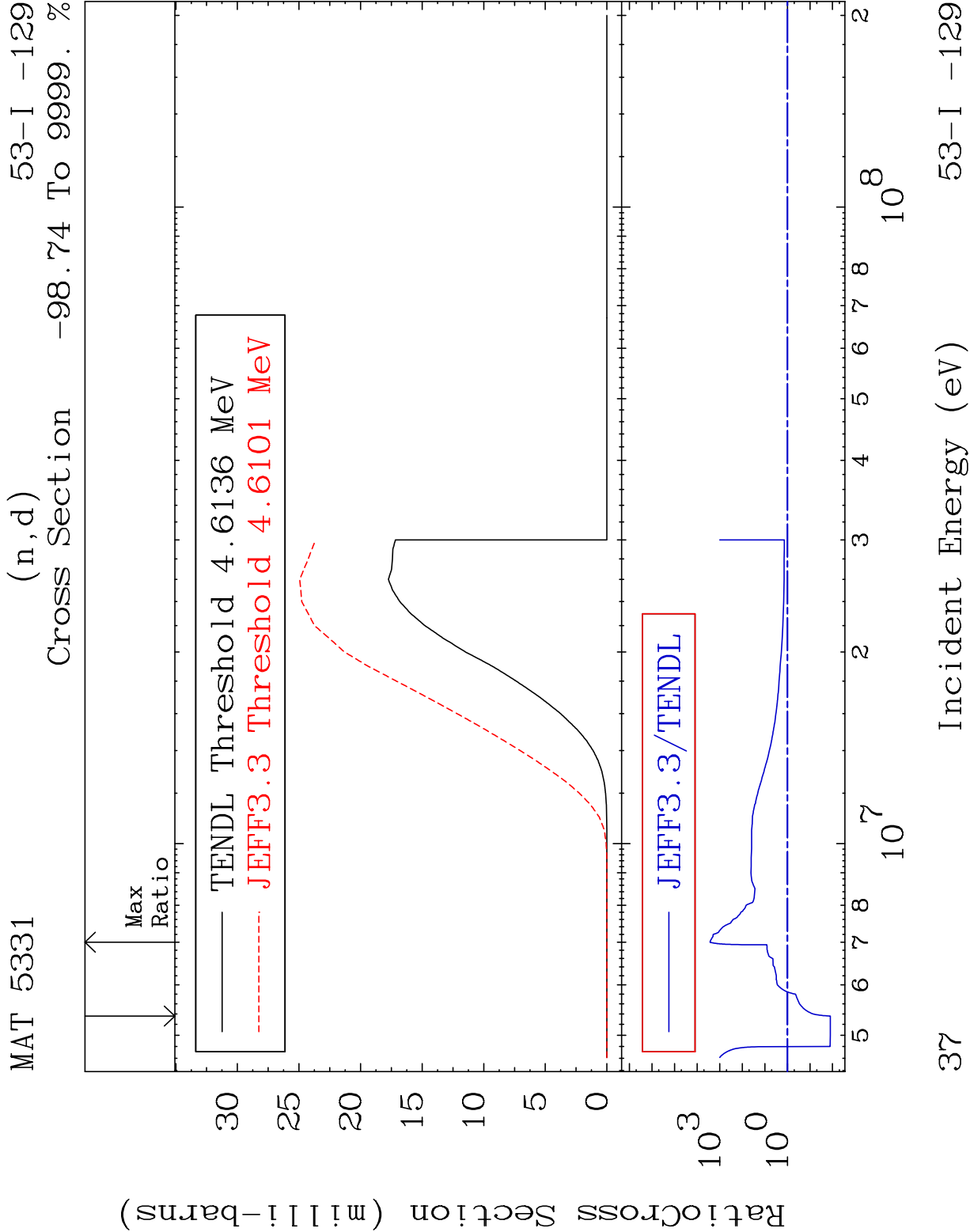


35

Incident Energy (eV)

53-I -129



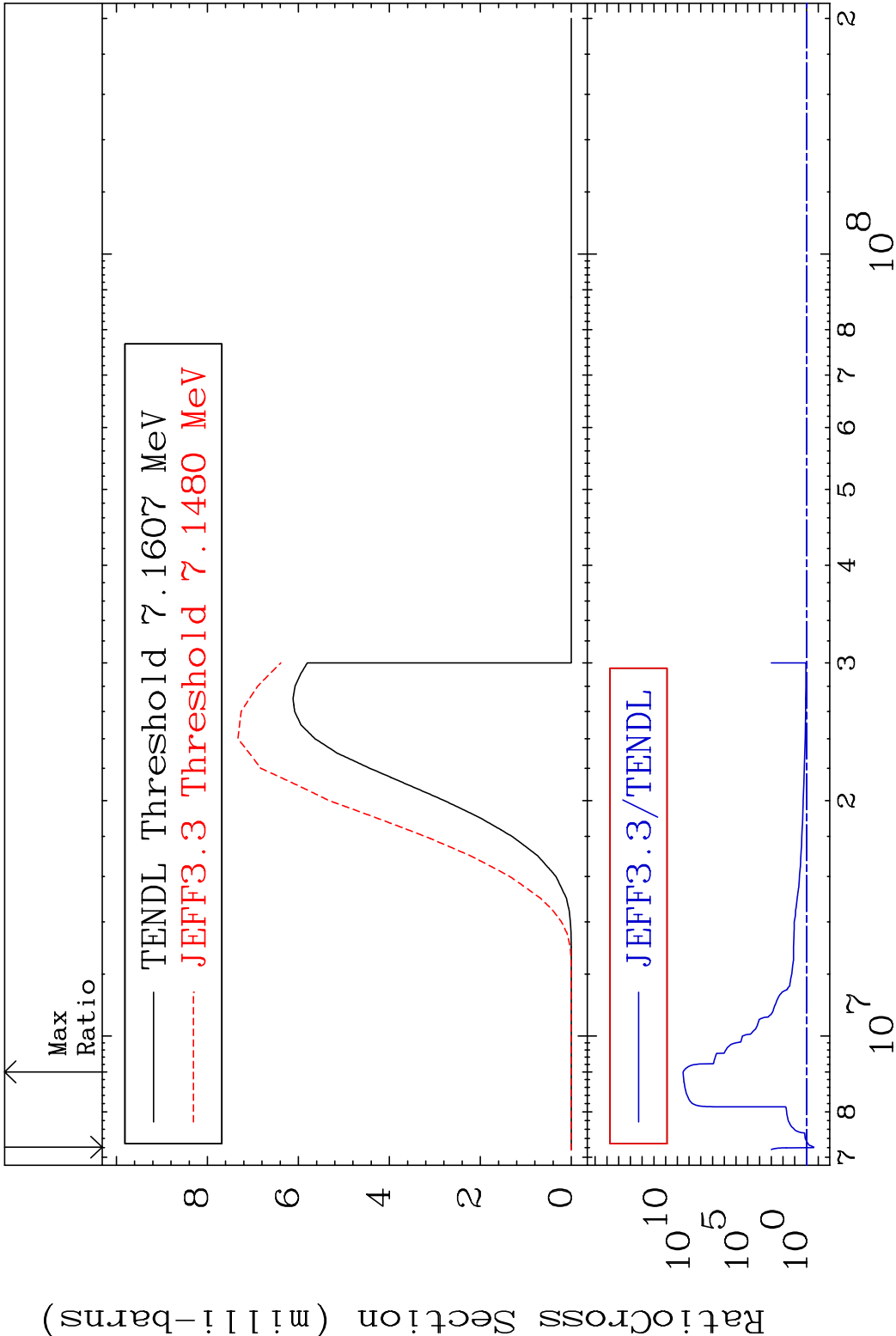


MAT 5331

(n, t)

53-I -129

Cross Section -76.53 To 9999. %



38

Incident Energy (eV)

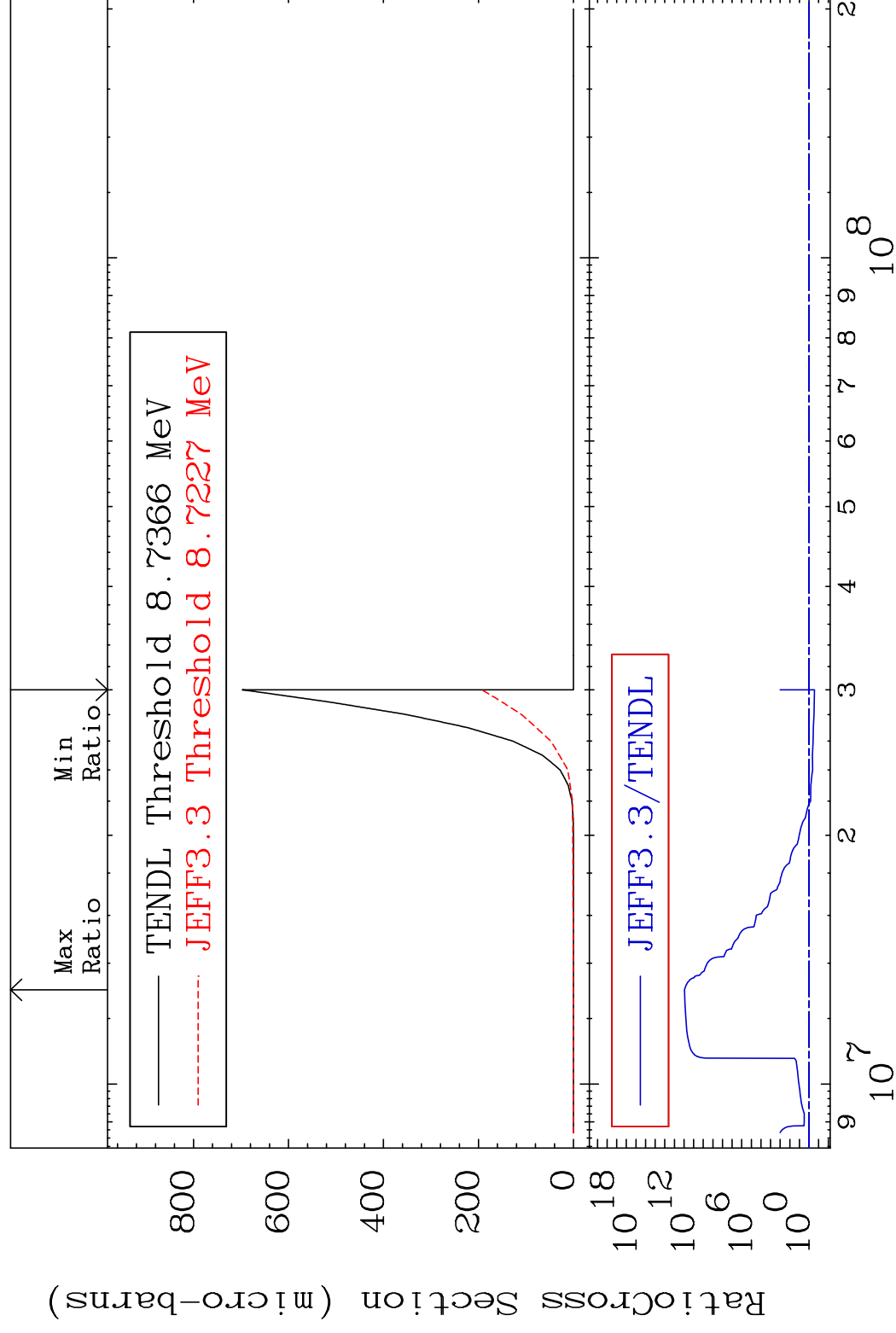
53-I -129

MAT 5331

 $(n, \text{He-3})$

53-I -129

Cross Section -72.39 To 9999. %

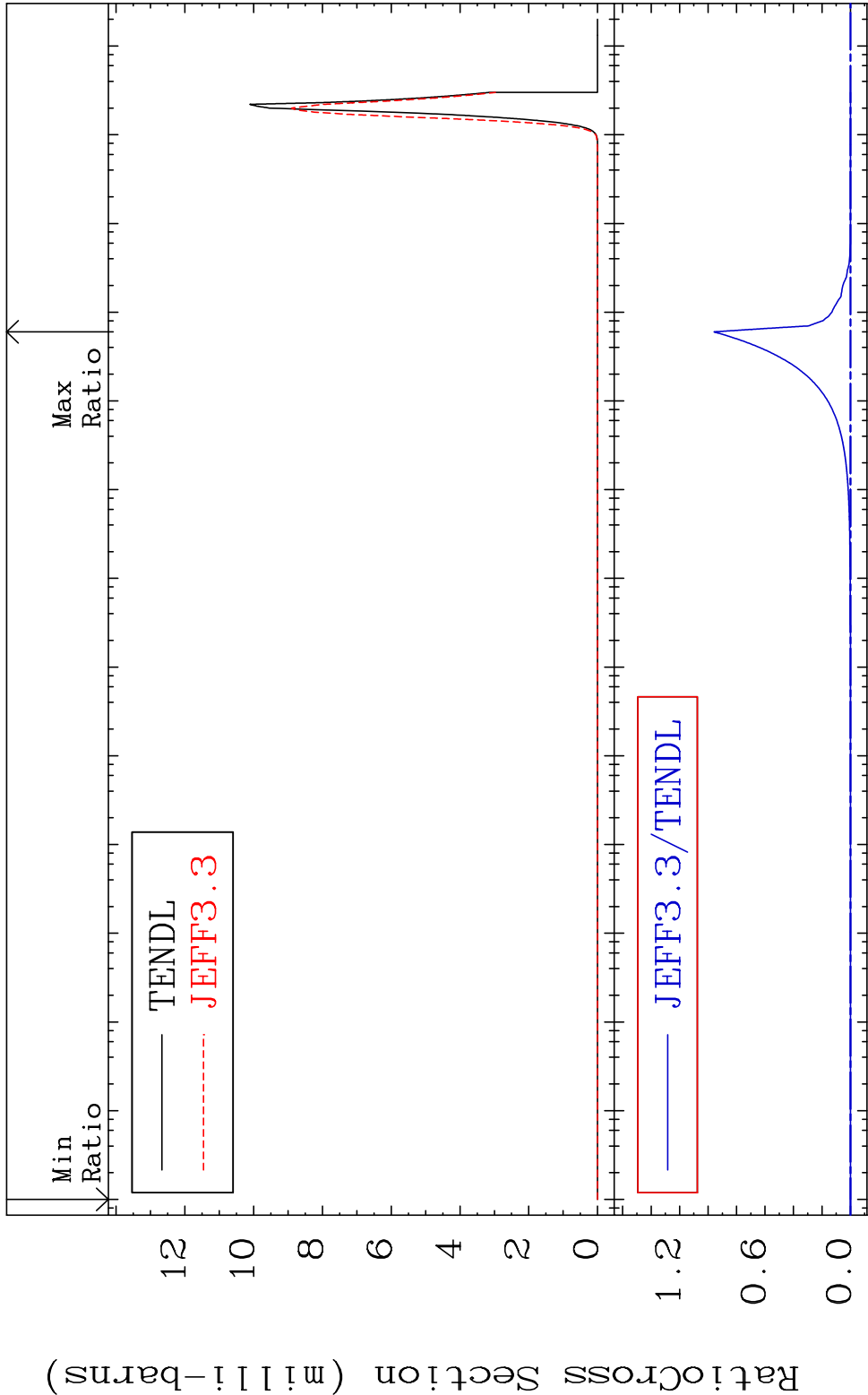


MAT 5331

(n, α)

53-I -129

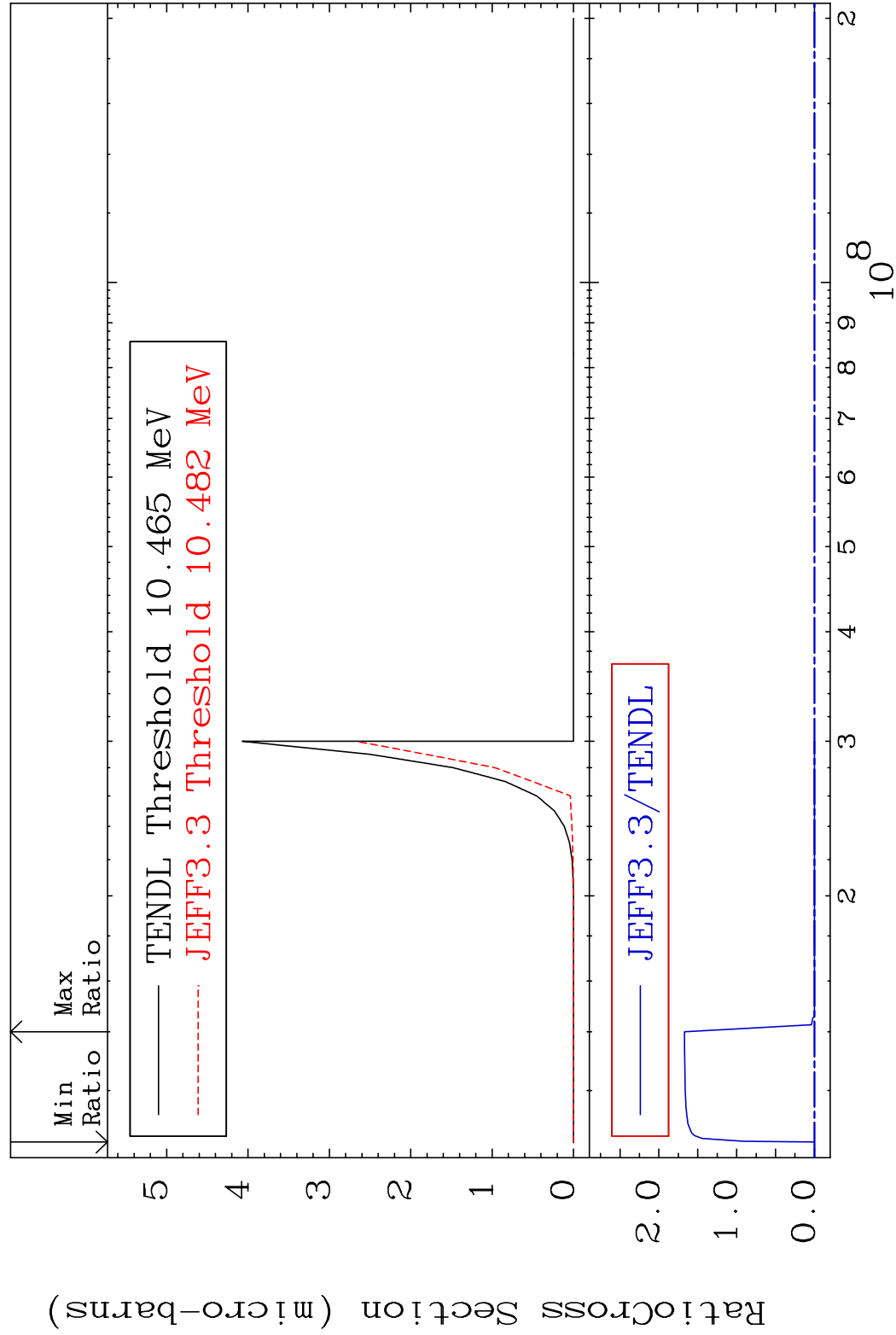
Cross Section -100.0 To 9999. %

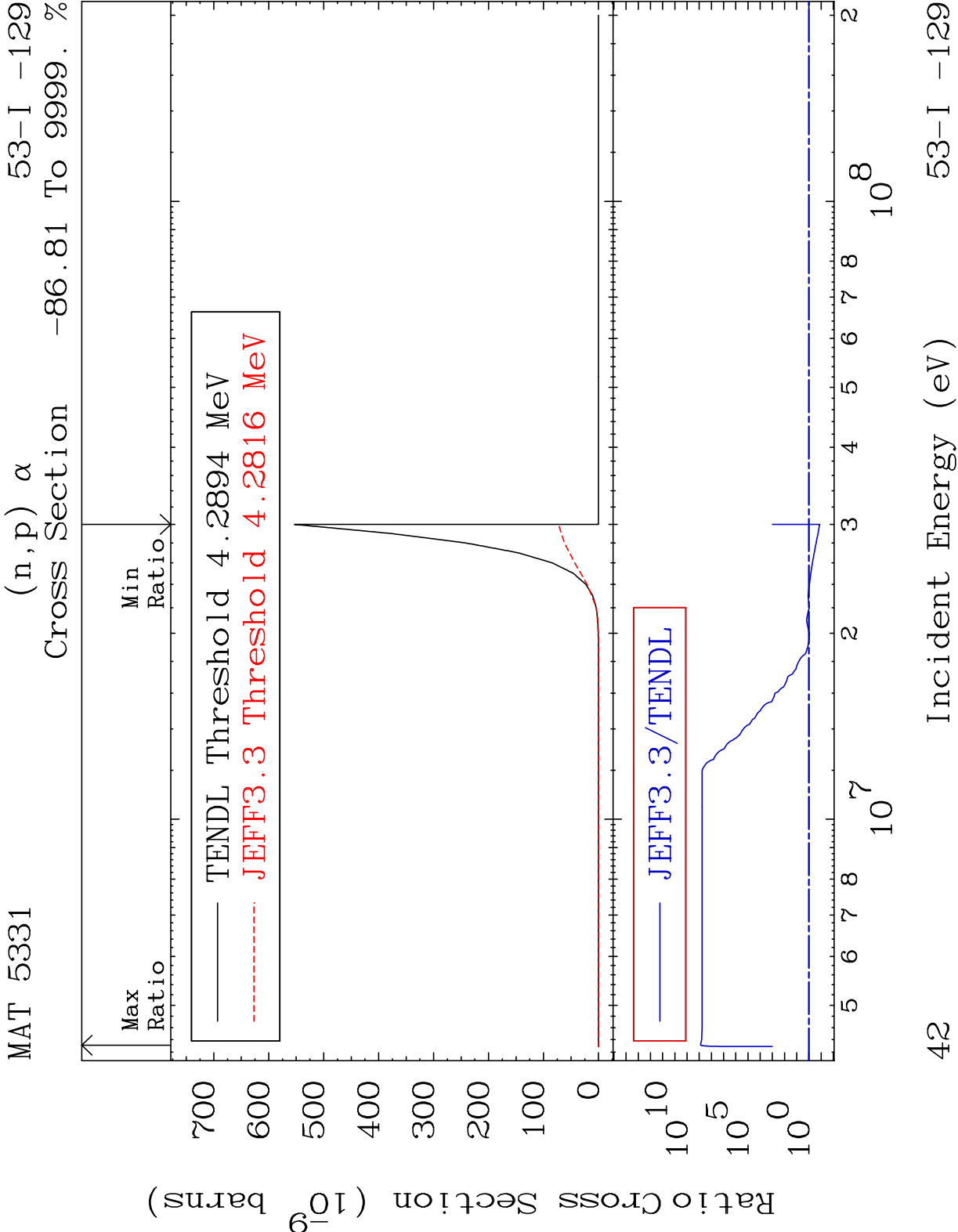


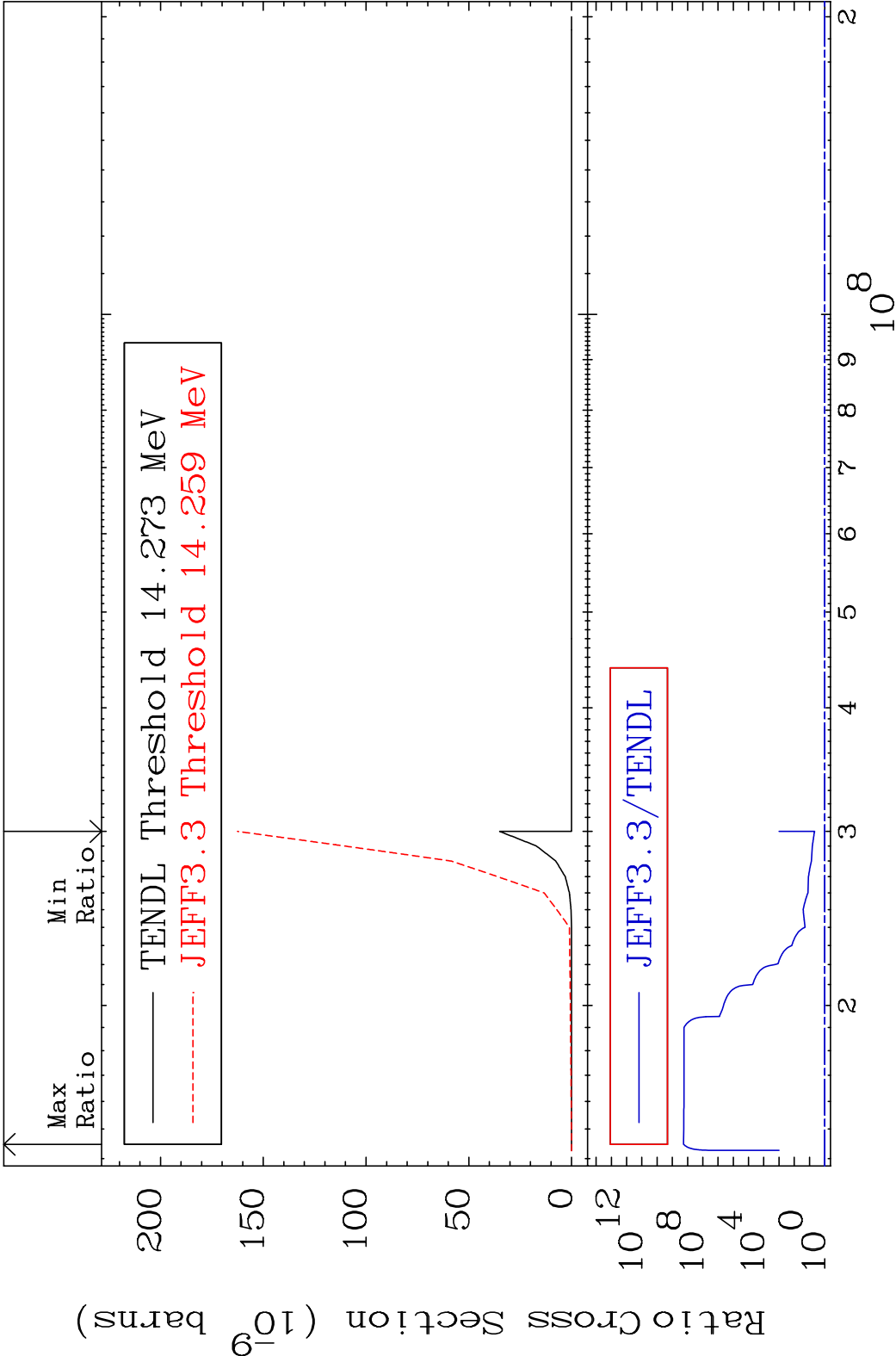
40

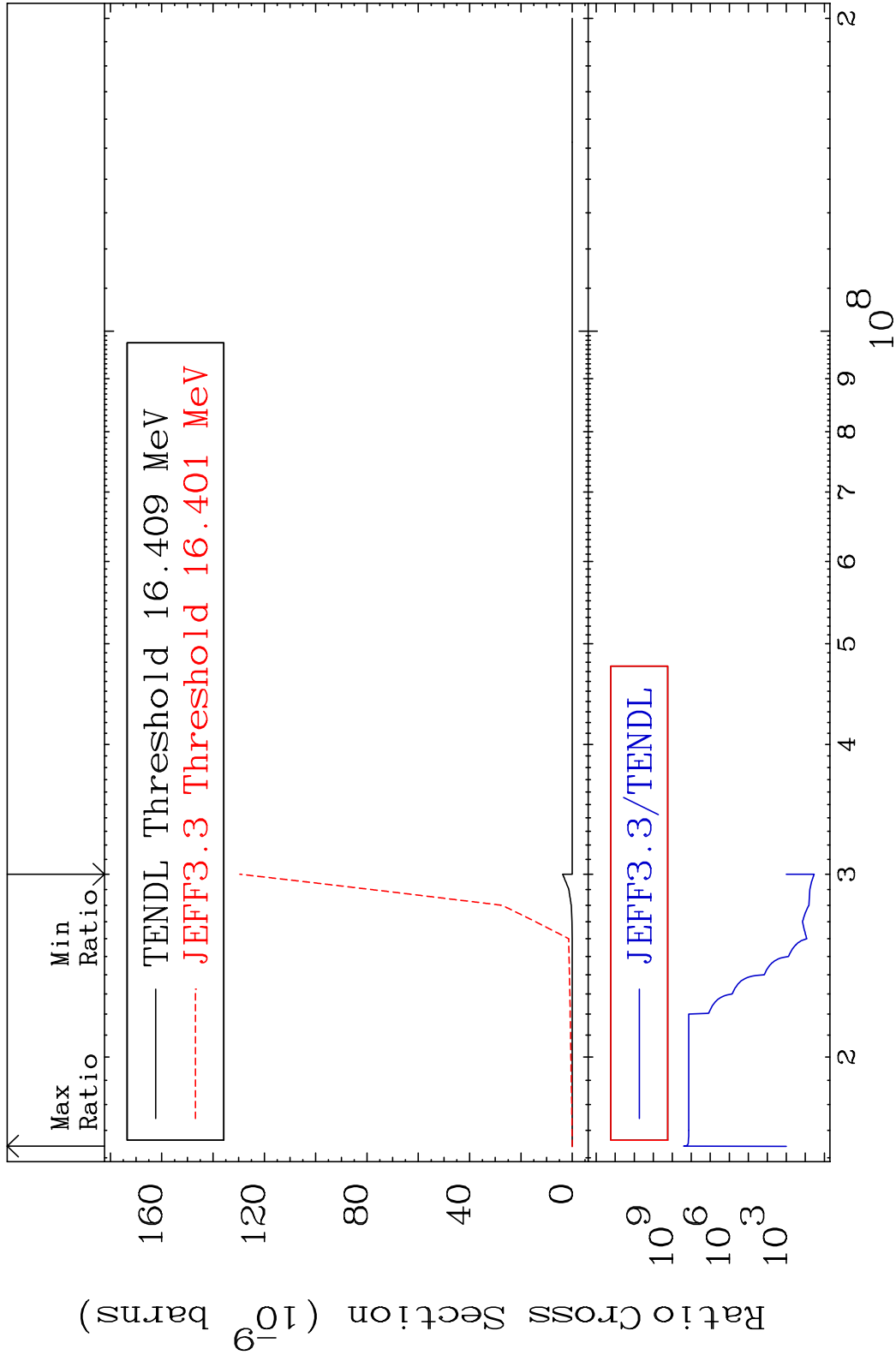
Incident Energy (eV)

53-I -129







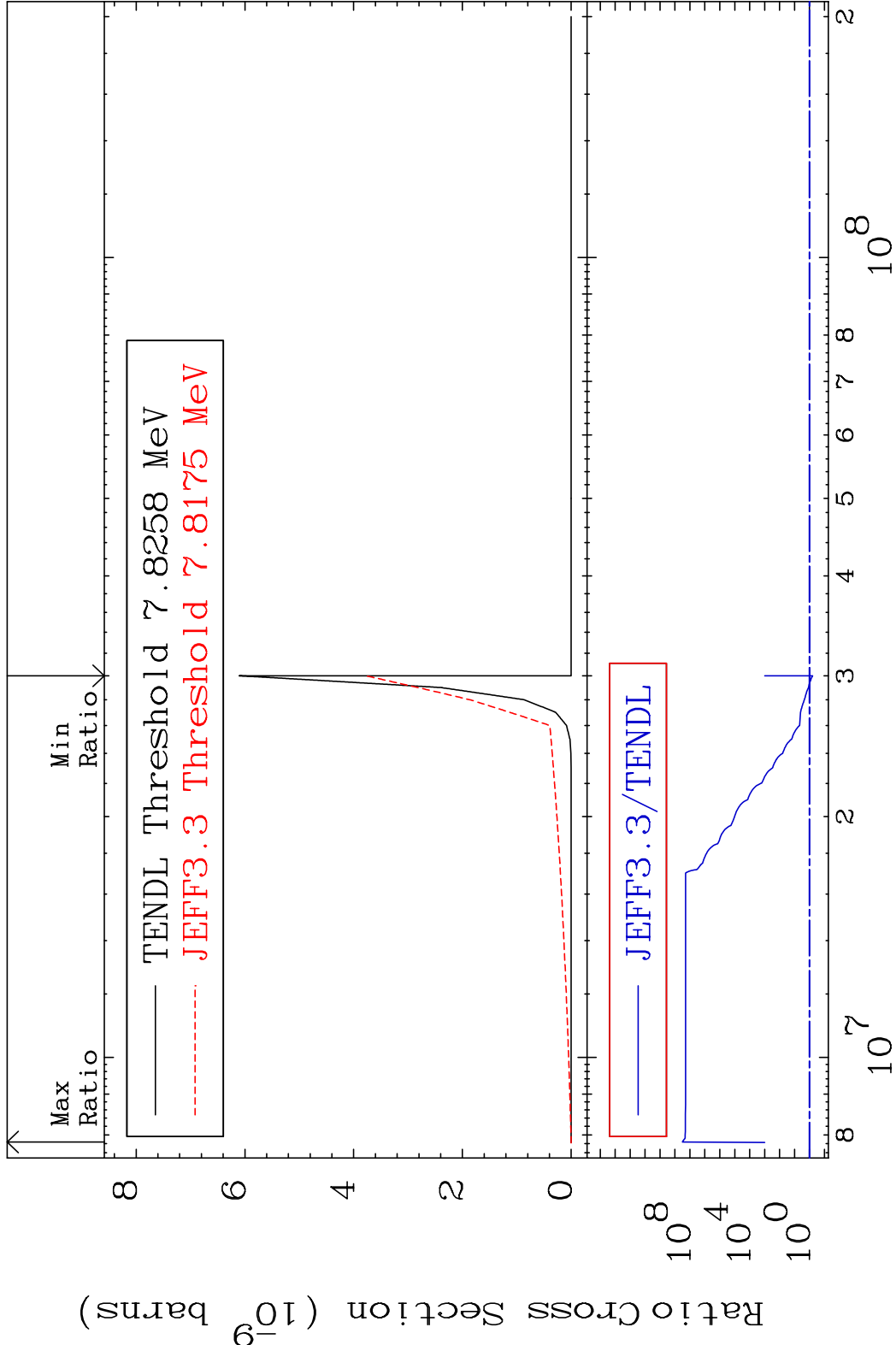


MAT 5331

(n,d) α

53-I -129

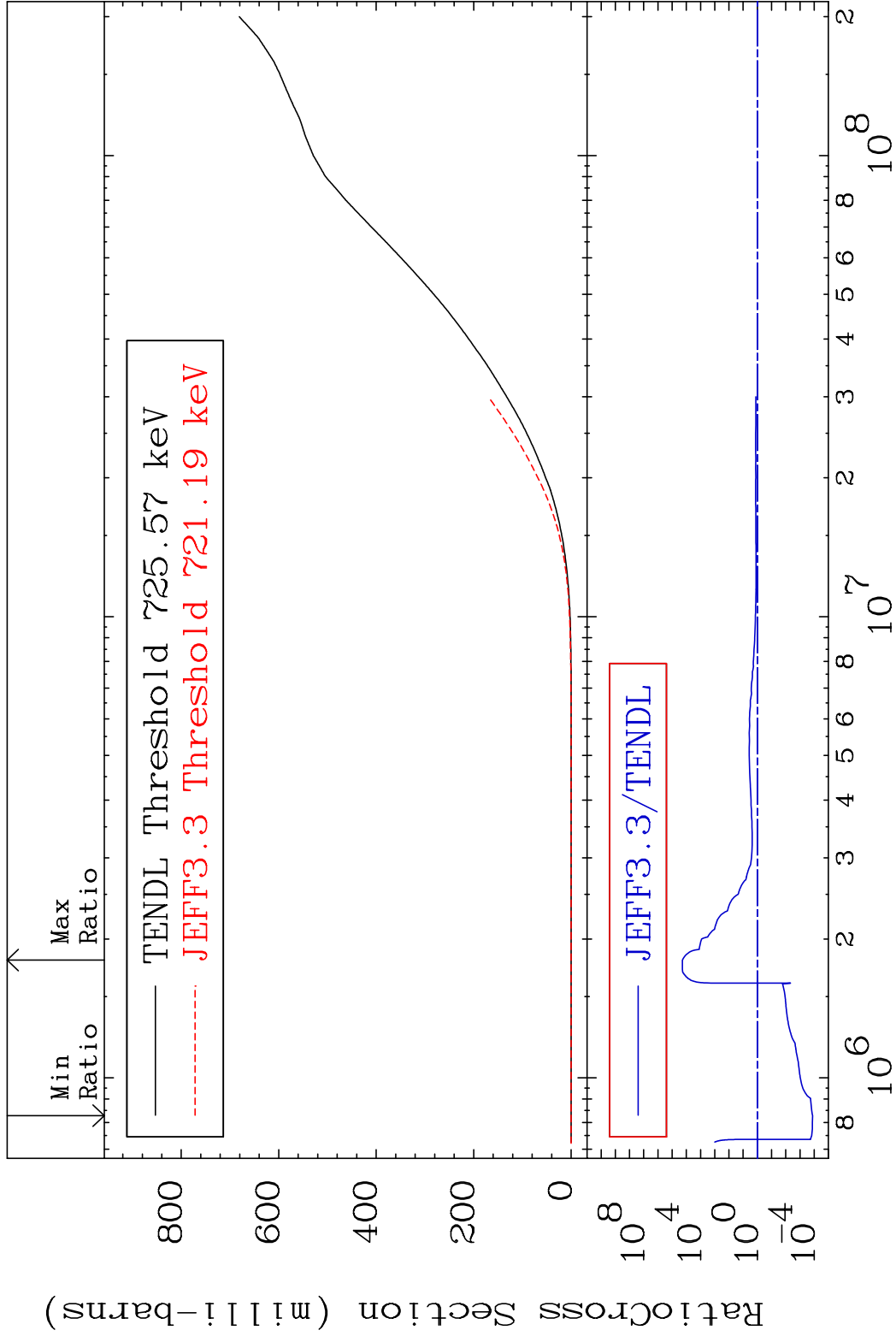
Cross Section -38.04 To 9999. %

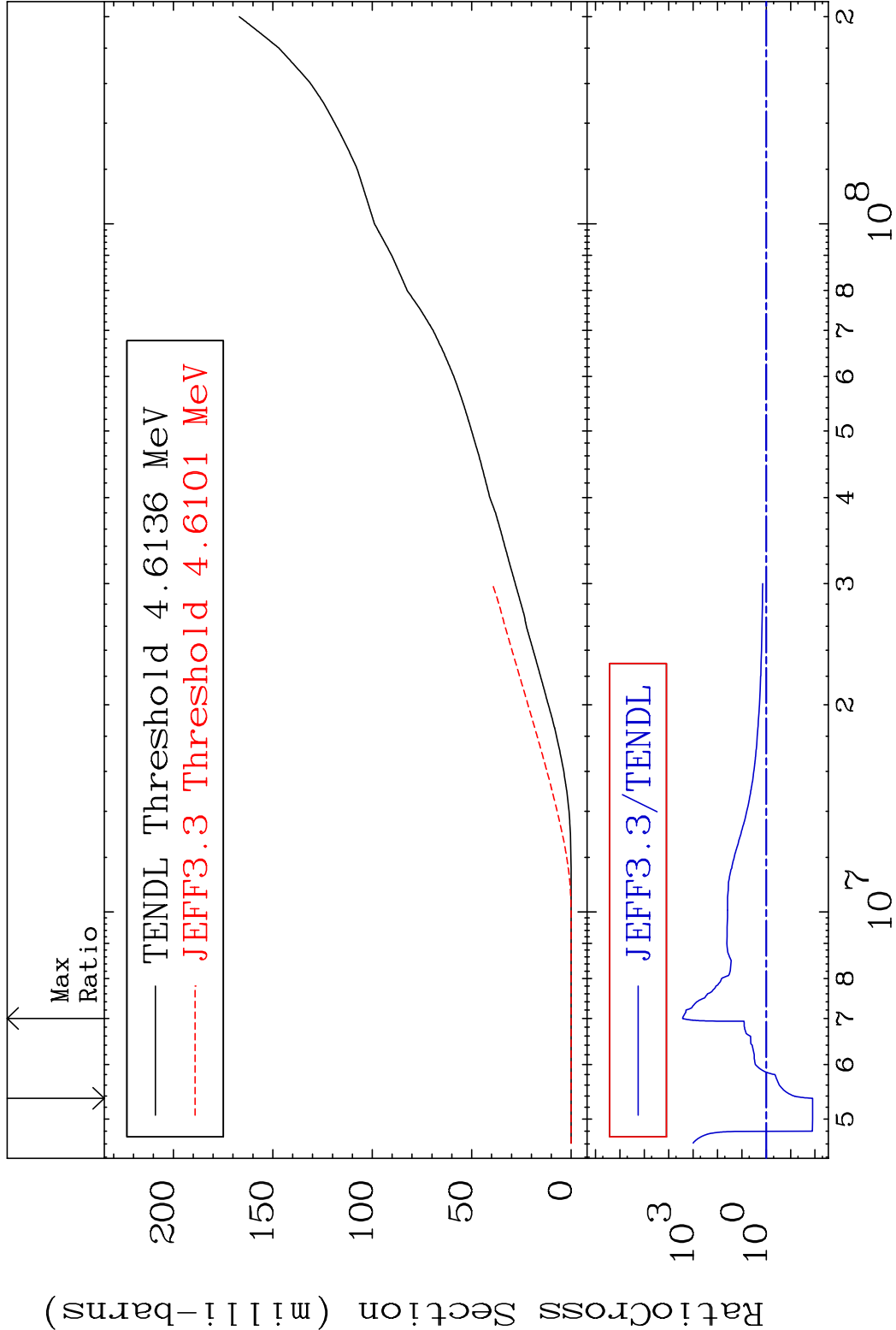


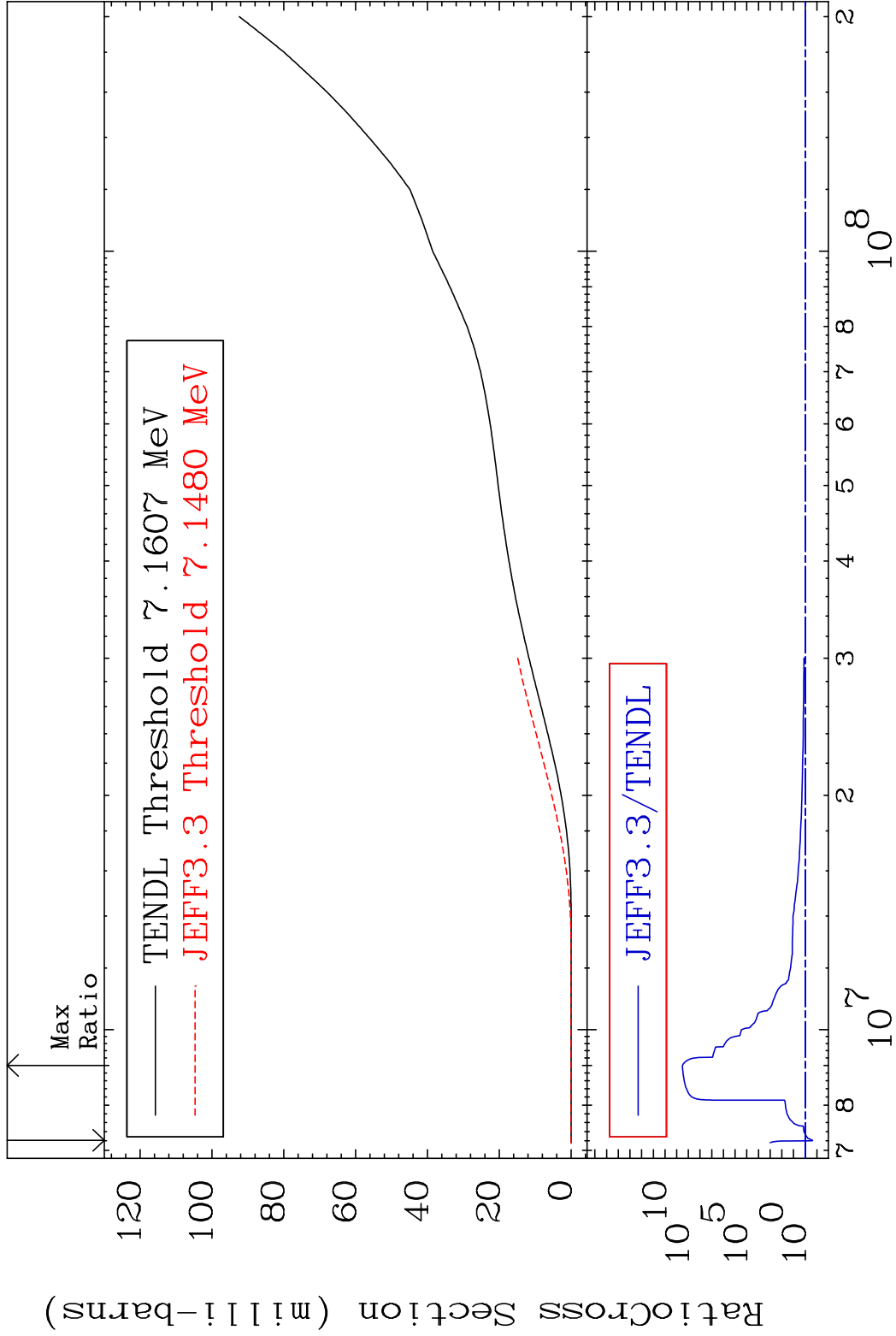
45

Incident Energy (eV)

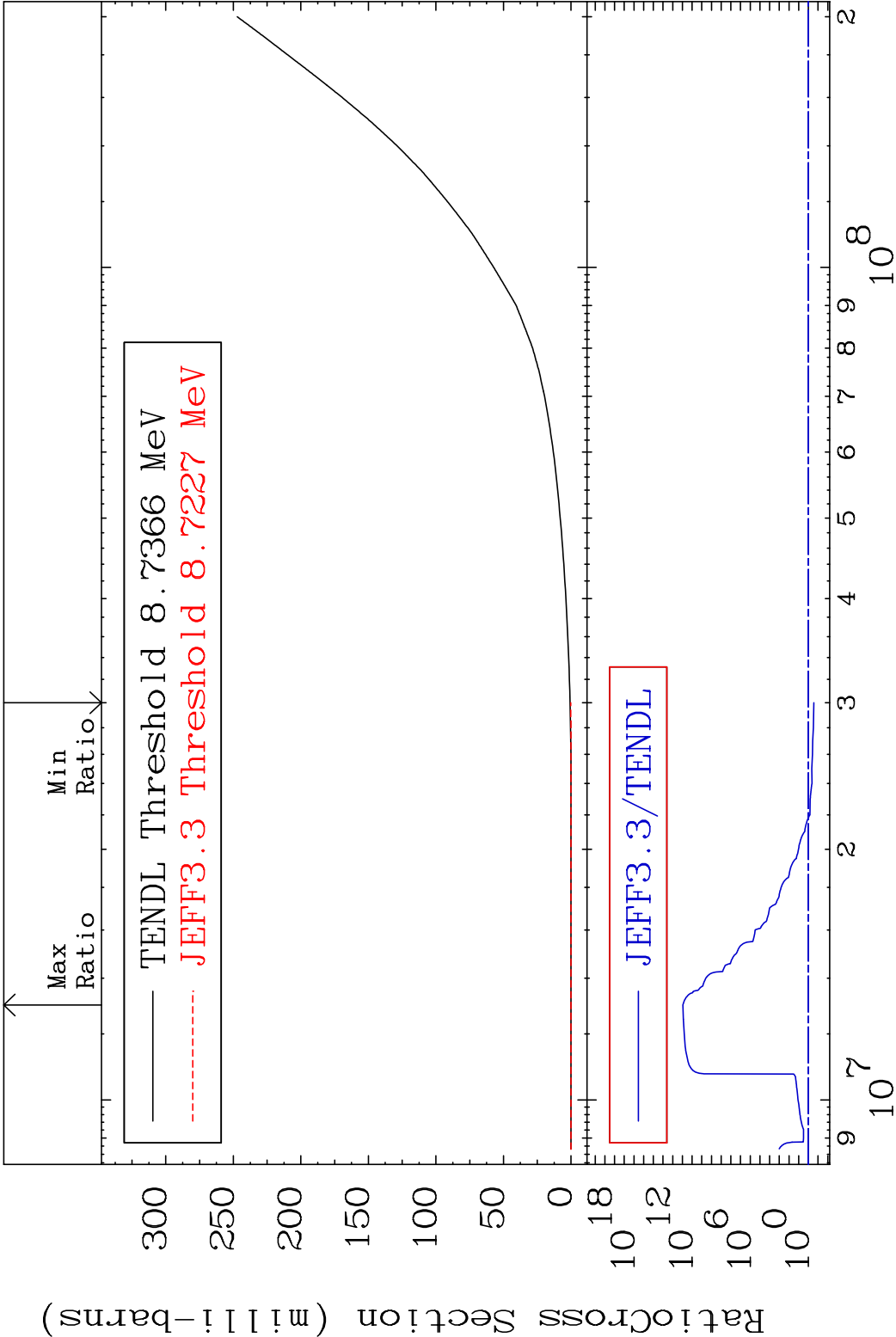
53-I -129

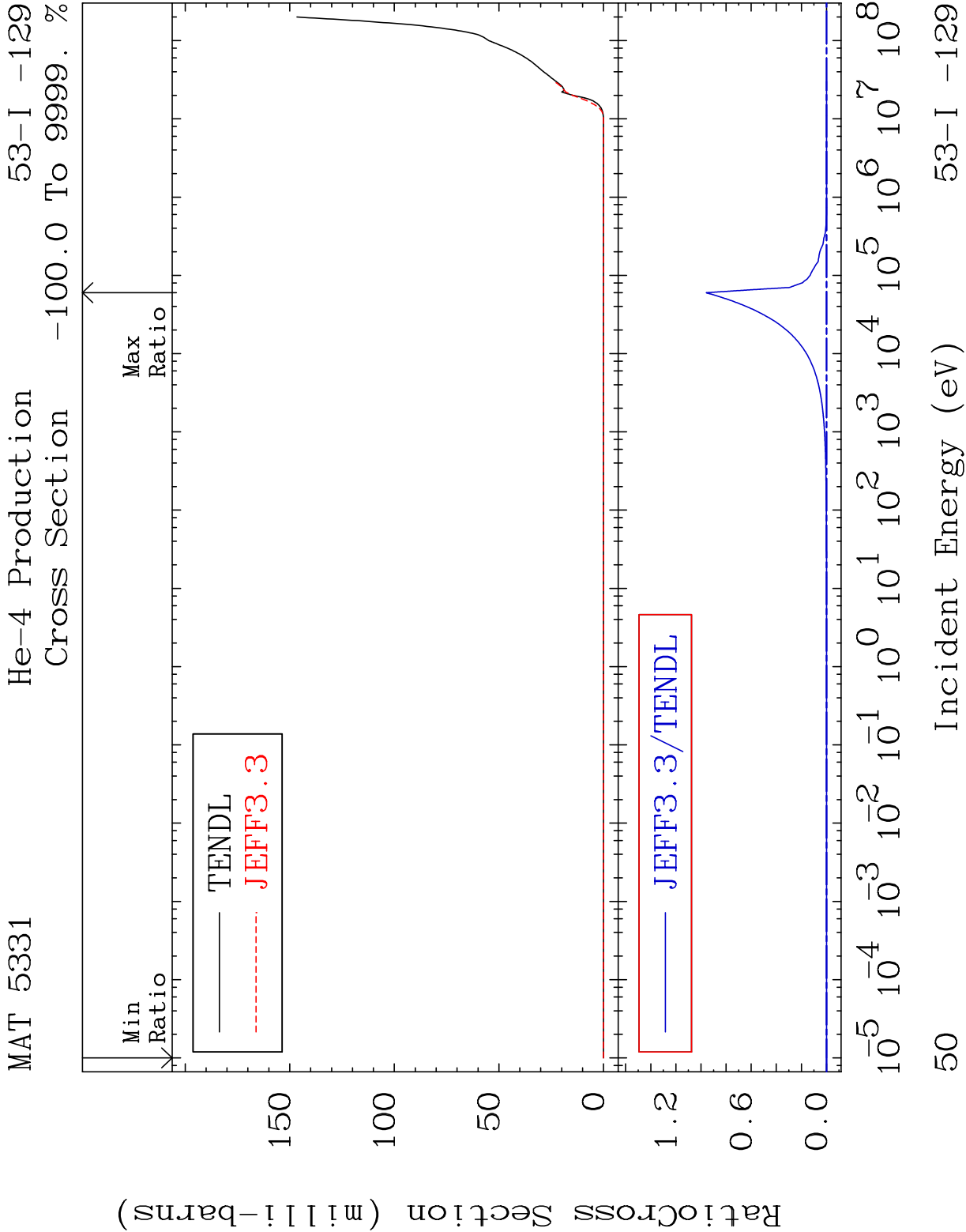




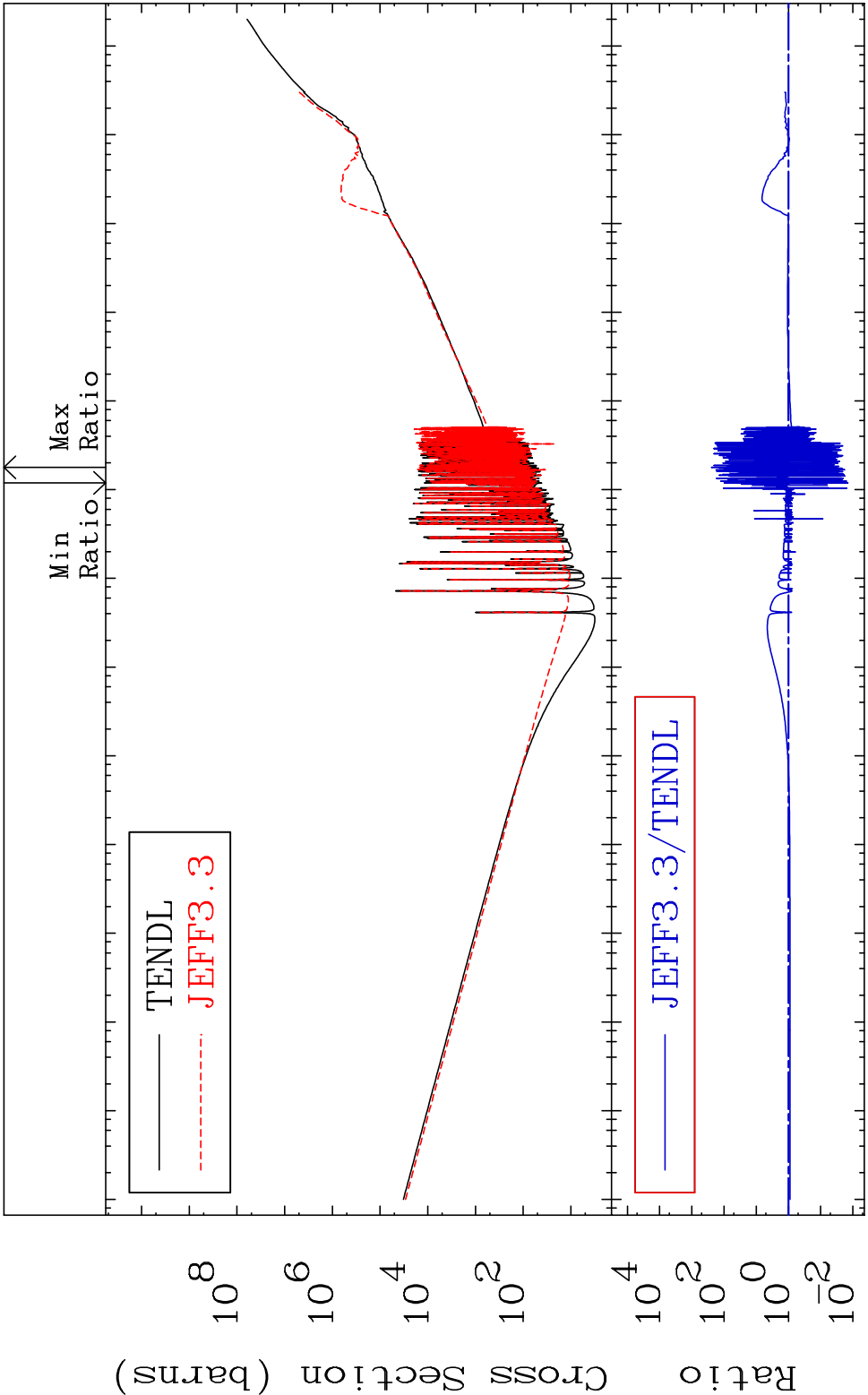


Cross Section -72.54 To 9999. %





MAT 5331 Kerma total (eV-barns) 53-I -129
Cross Section -98.56 To 9999. %

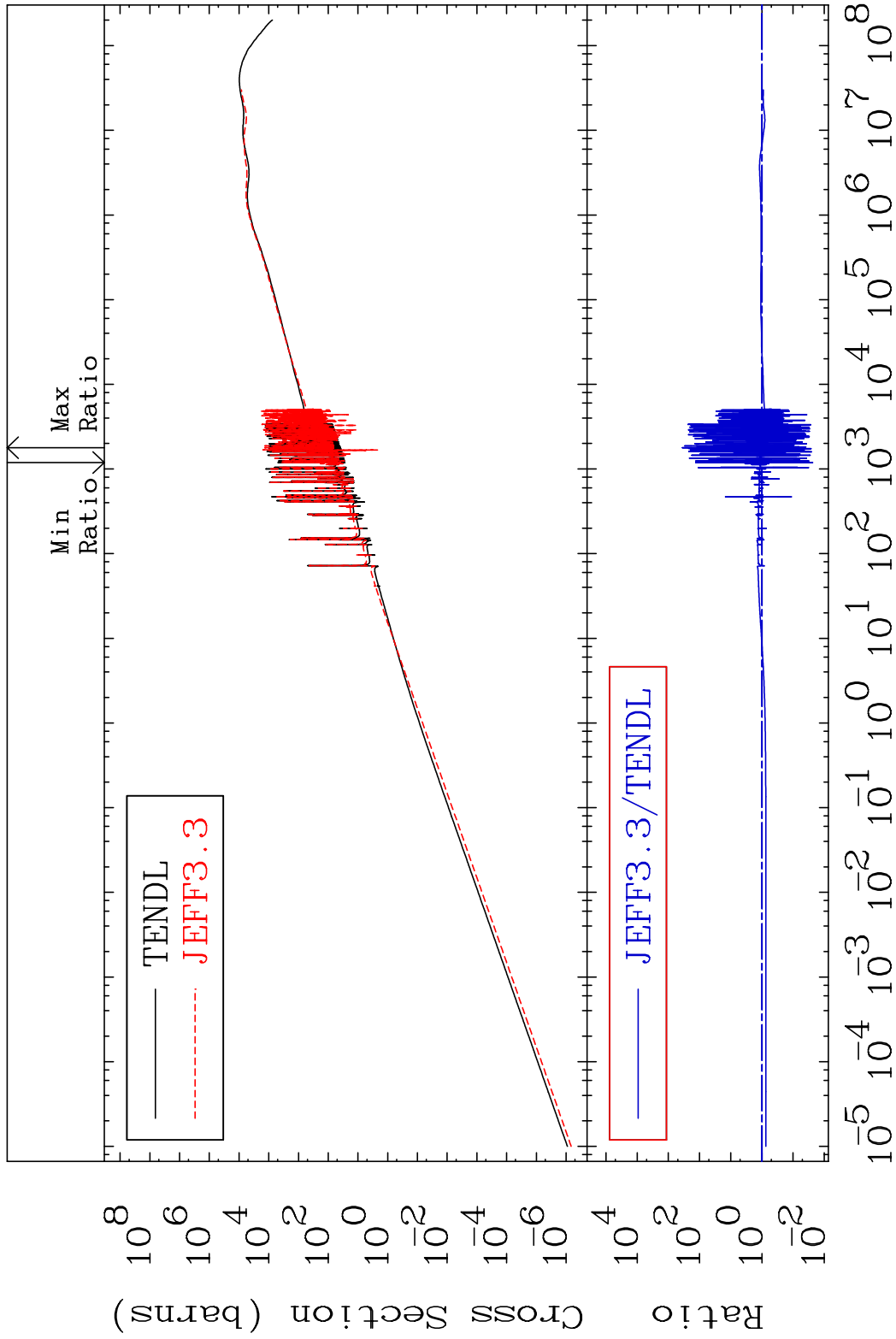


51 Incident Energy (eV) 53-I -129

MAT 5331

Kerma elastic
Cross Section

53-I -129
-97.63 To 9999. %

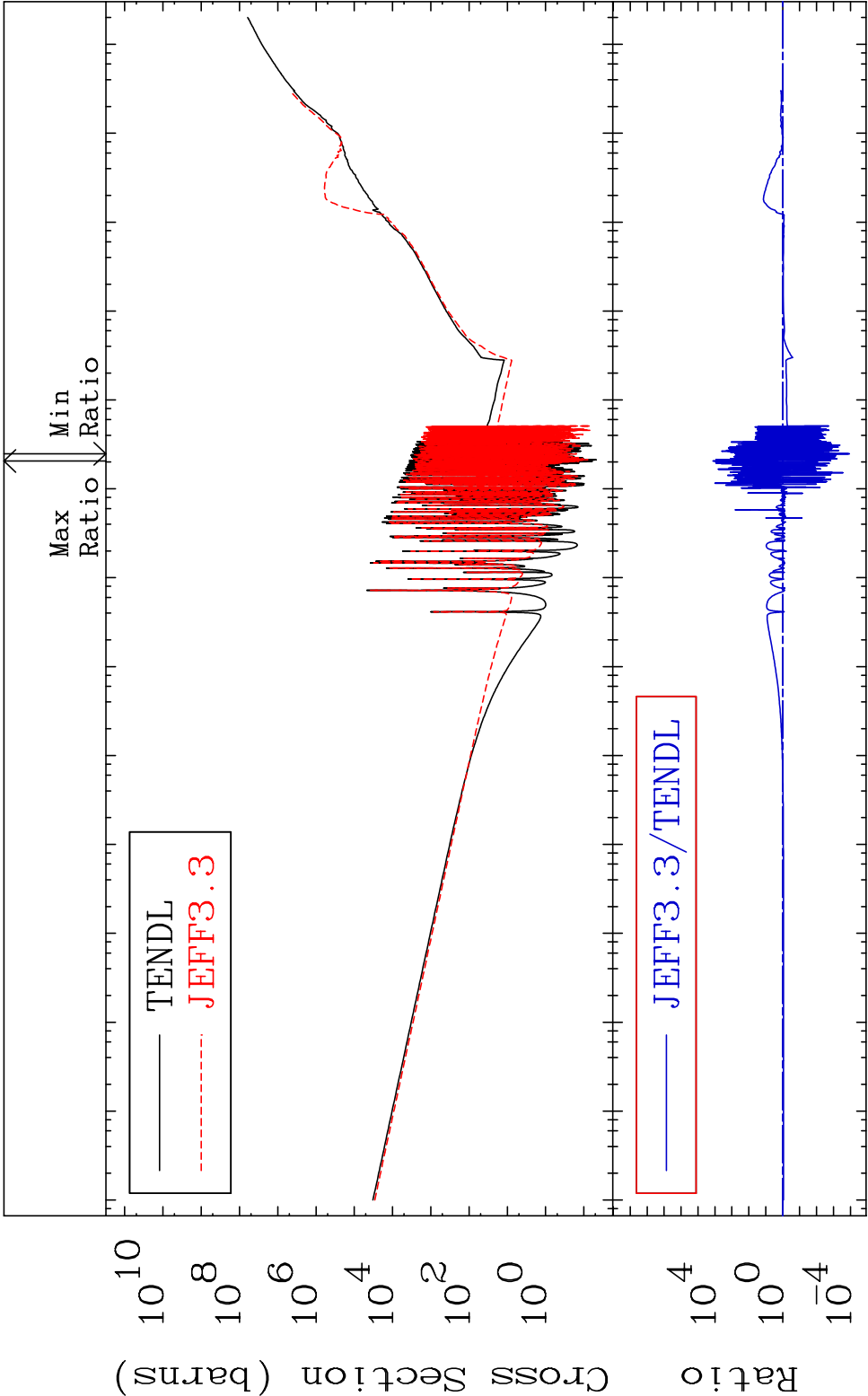


52

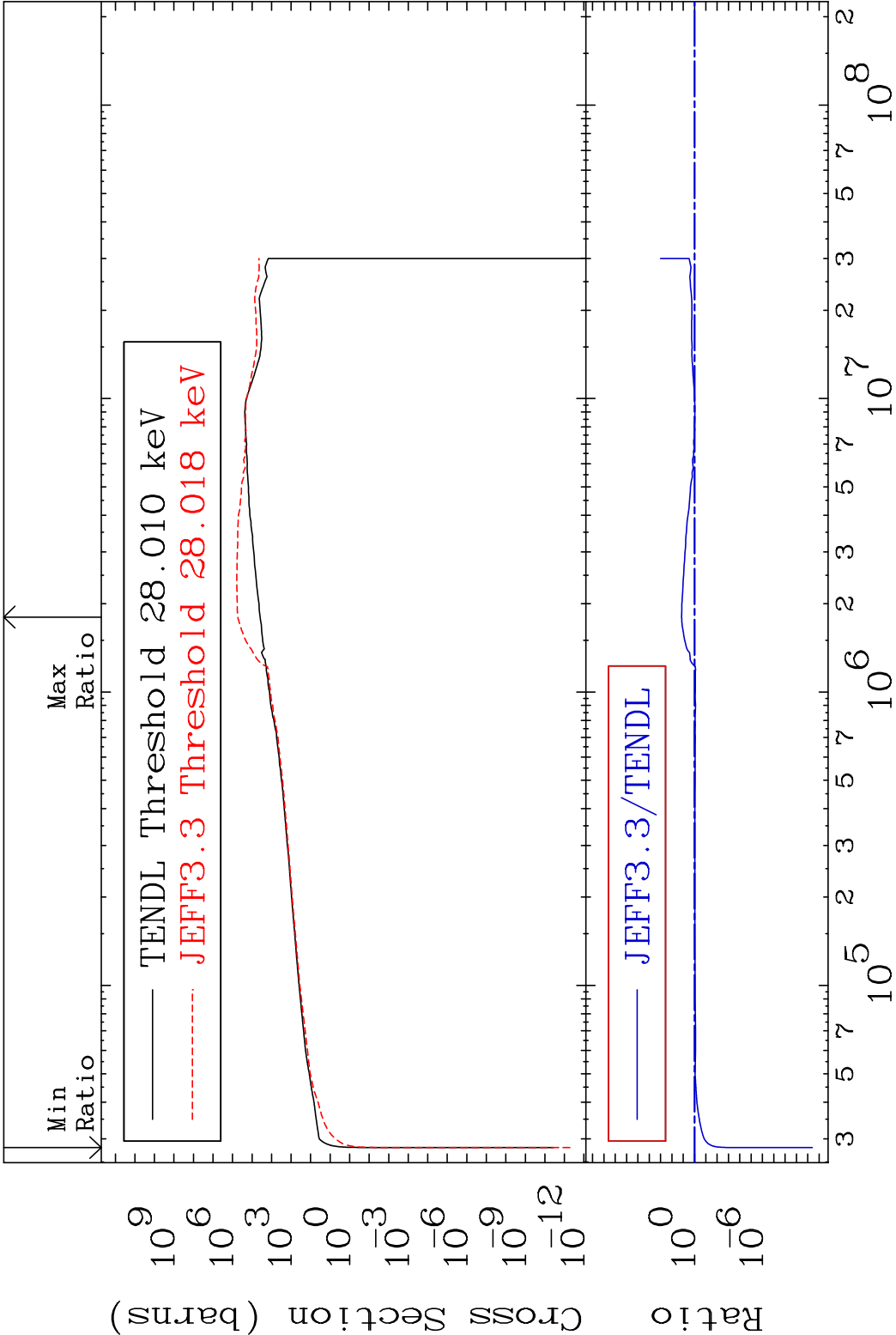
Incident Energy (eV)

53-I -129

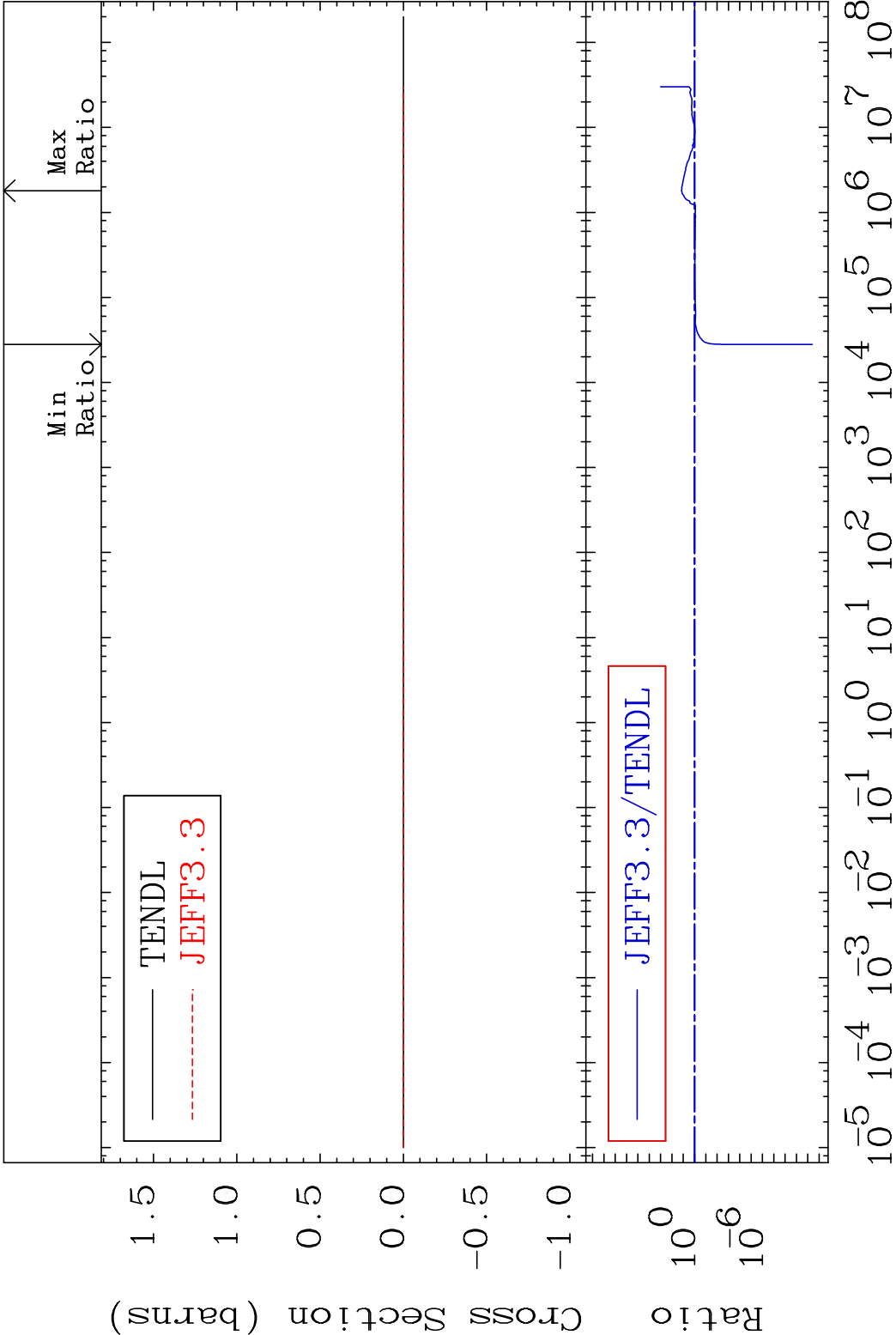
MAT 5331 Kerma non-elastic (all but mt2) 53-I -129
Cross Section -99.99 To 9999. %



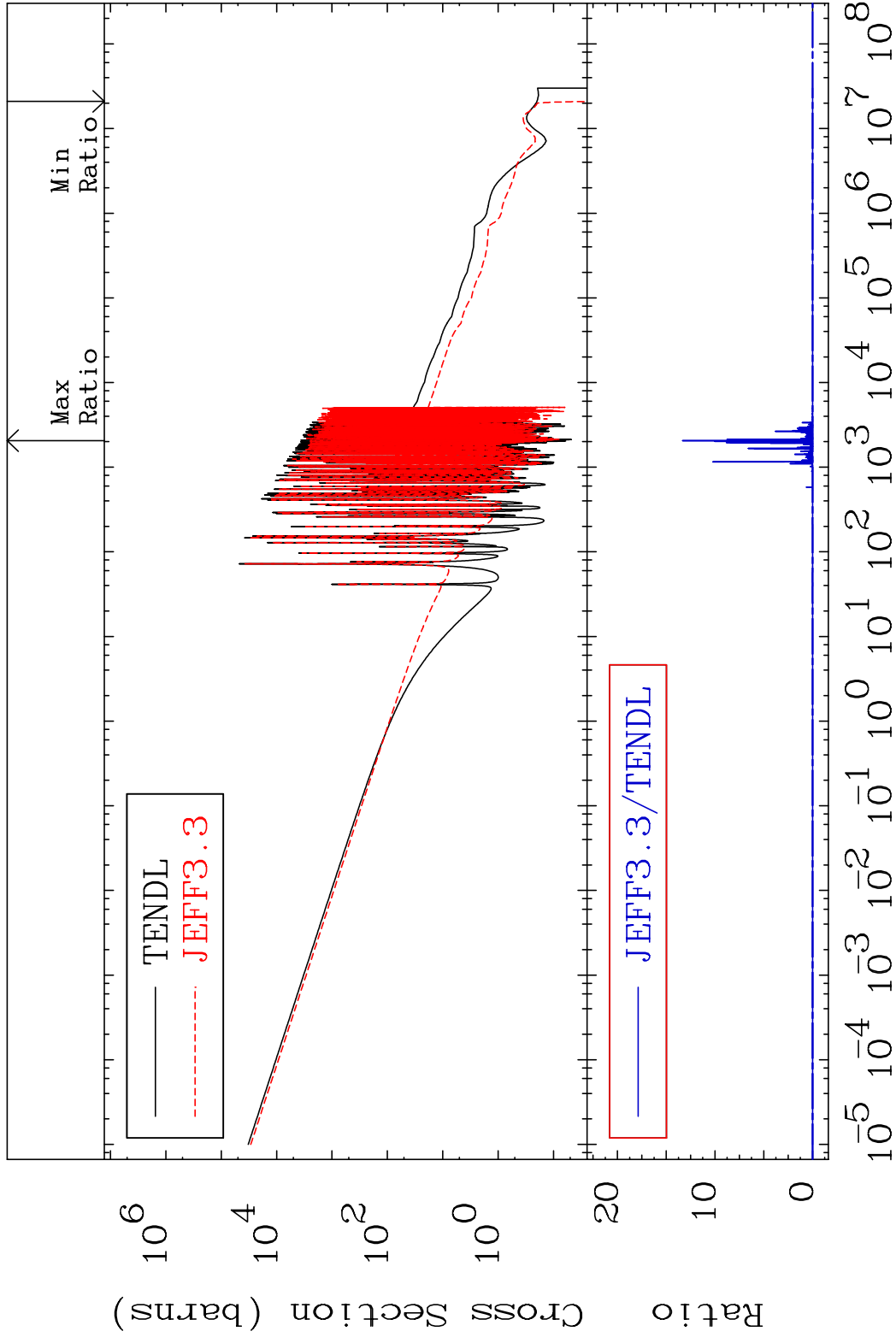
53 Incident Energy (eV) 53-I -129



MAT 5331 Kerma fission (mt18 or mt19-20-21-38)53-I -129
Cross Section -100.0 To 1299. %

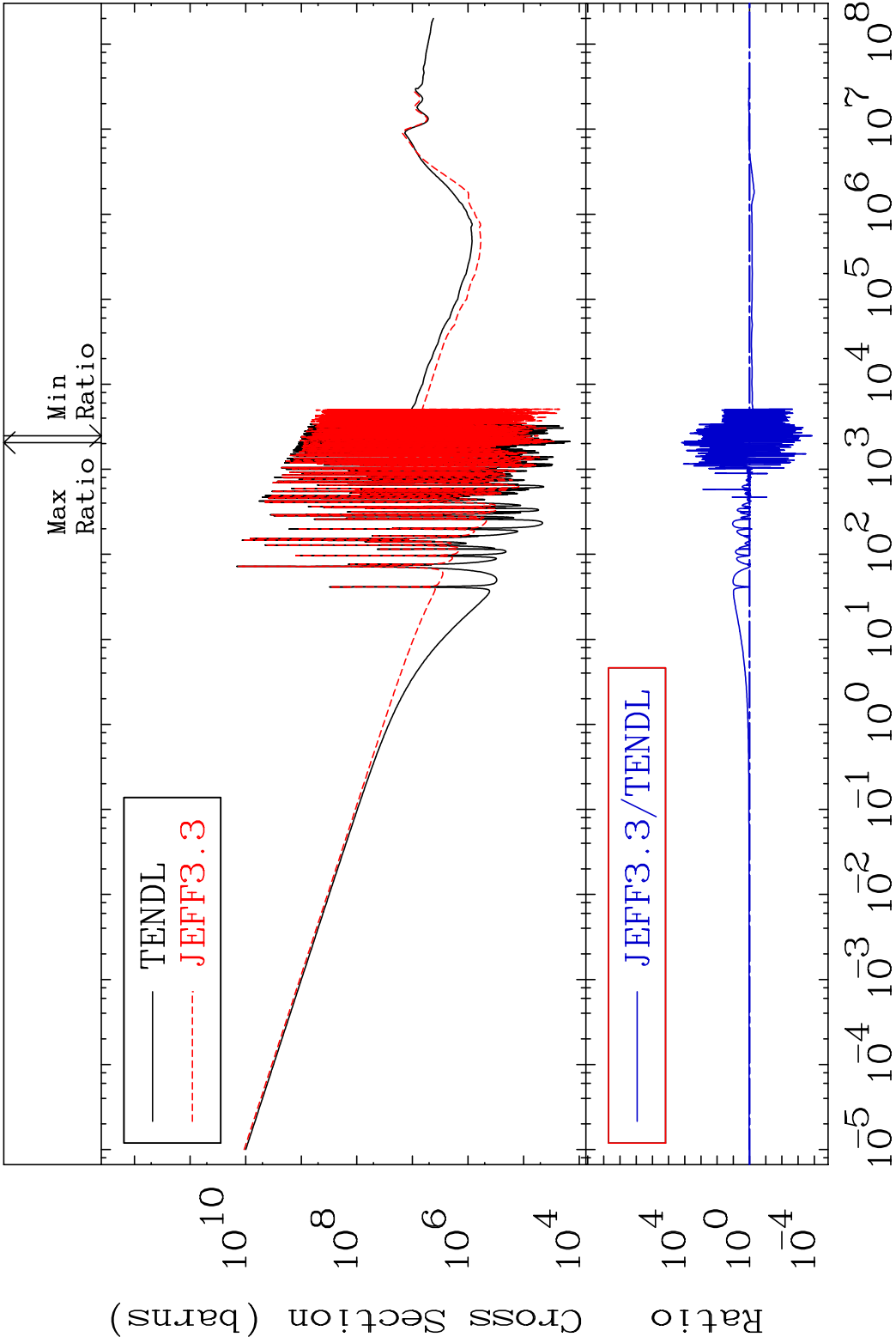


MAT 5331 Kerma capture (mt102) 53-I -129
Cross Section -100.0 To 9999. %



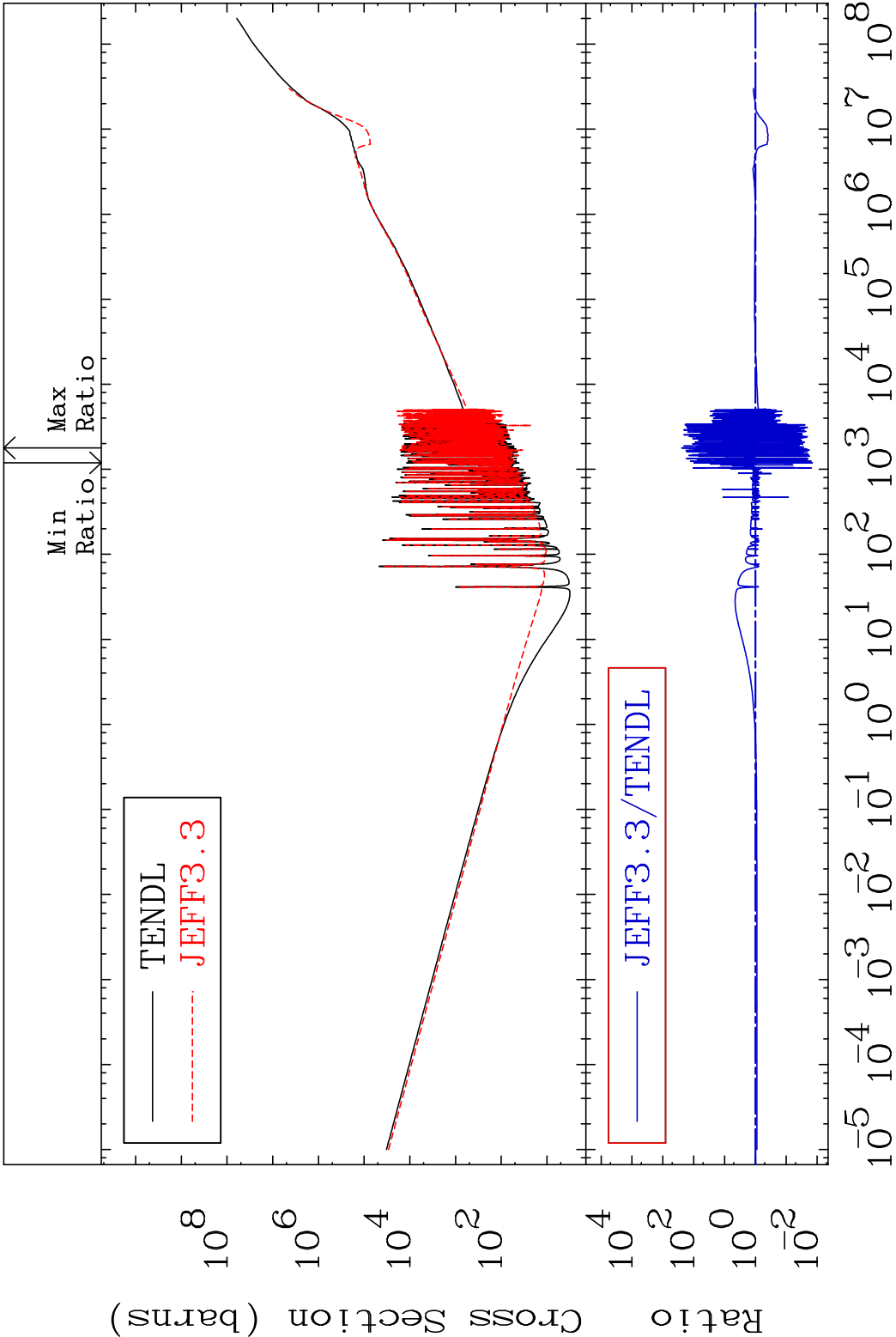
56 Incident Energy (eV) 53-I -129

MAT 5331 Total photon (eV-barns) 53-I -129
 Cross Section -99.99 To 9999. %

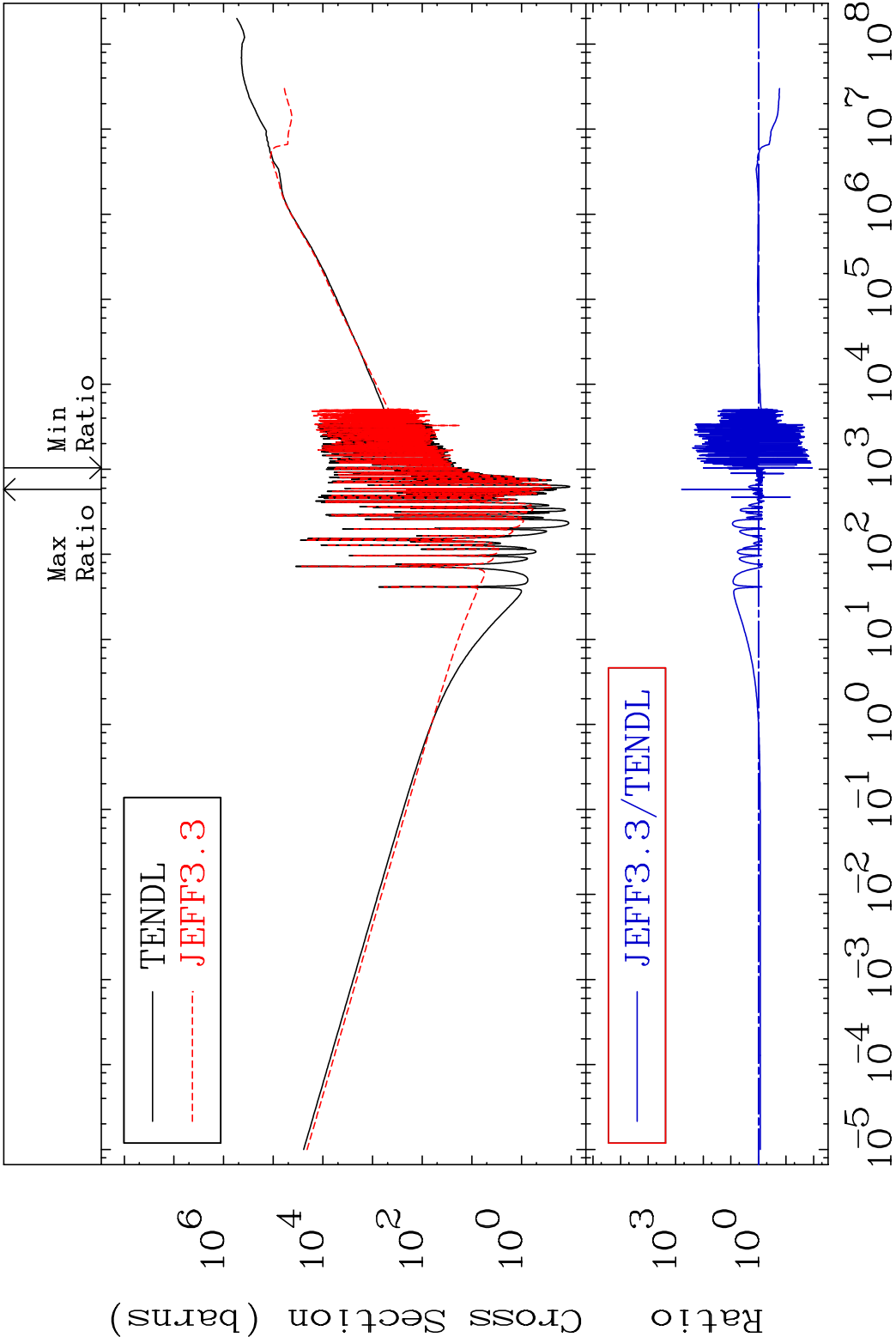


57 Incident Energy (eV) 53-I -129

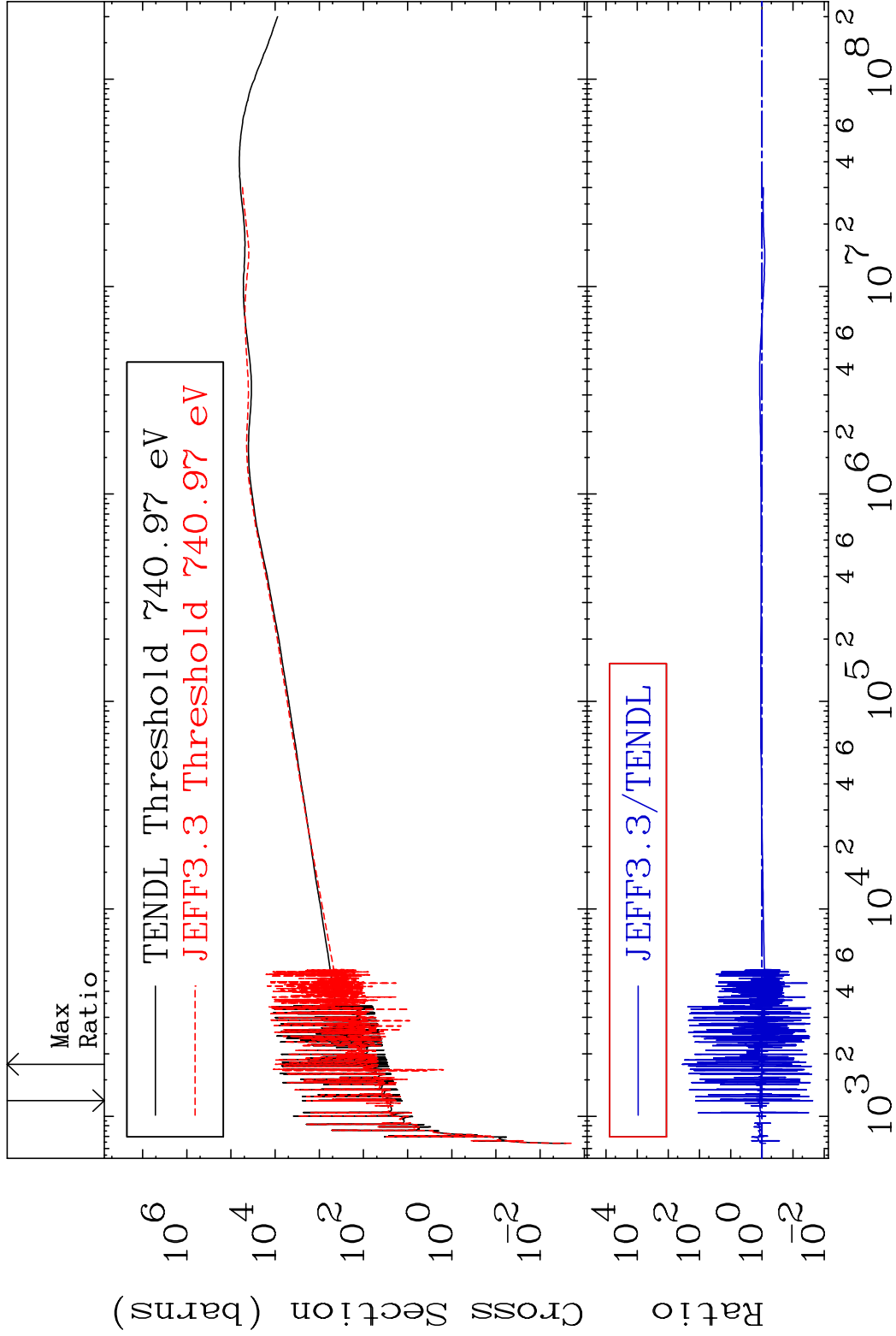
MAT 5331 Total kinematic kerma (high limit) 53-I -129
Cross Section -98.56 To 9999. %



MAT 5331	Dpa total (eV-barns)	53-I -129
	Cross Section	-98.87 To 9999. %

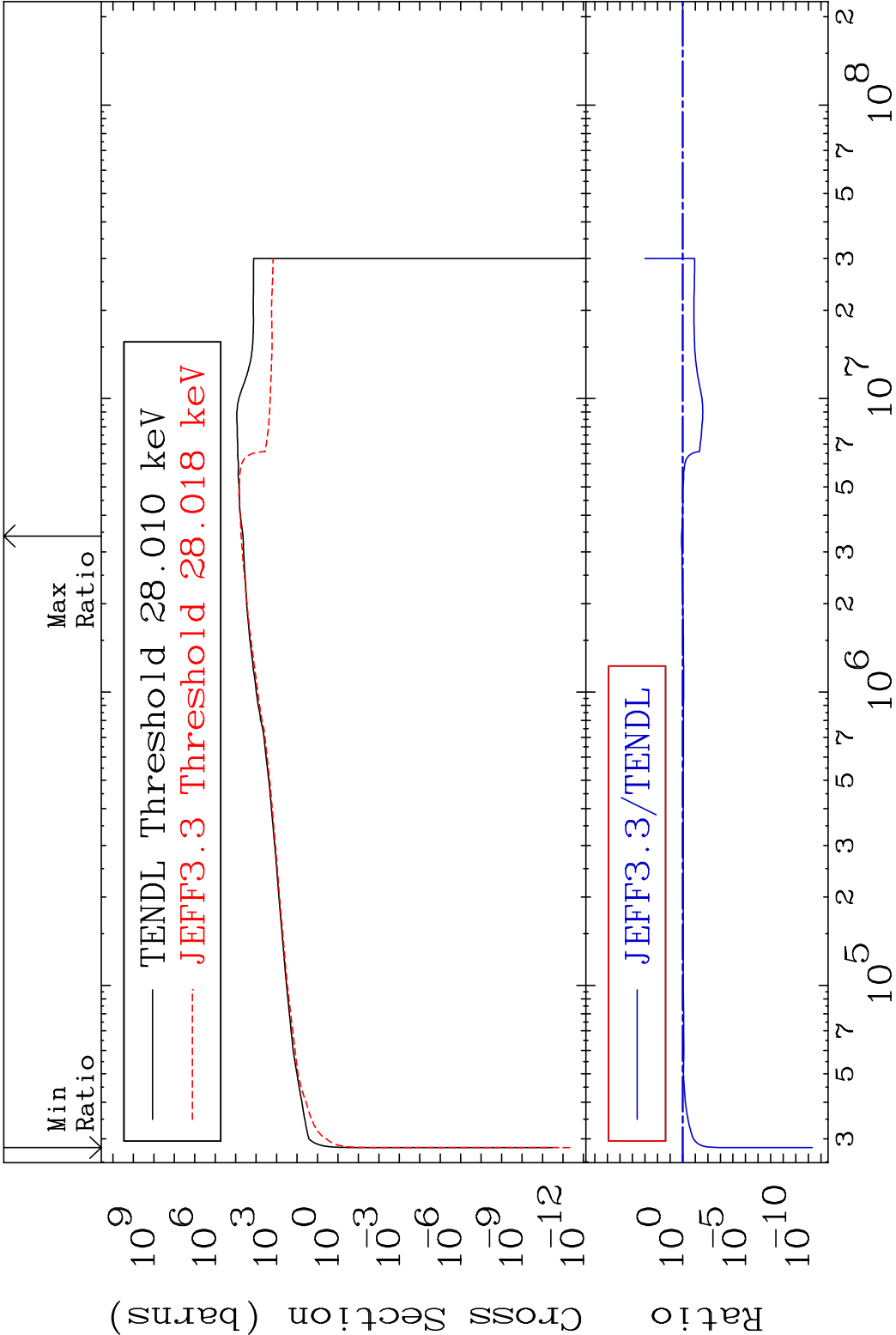


MAT 5331 Dpa elastic (mt2) 53-I -129
Cross Section -97.63 To 9999. %

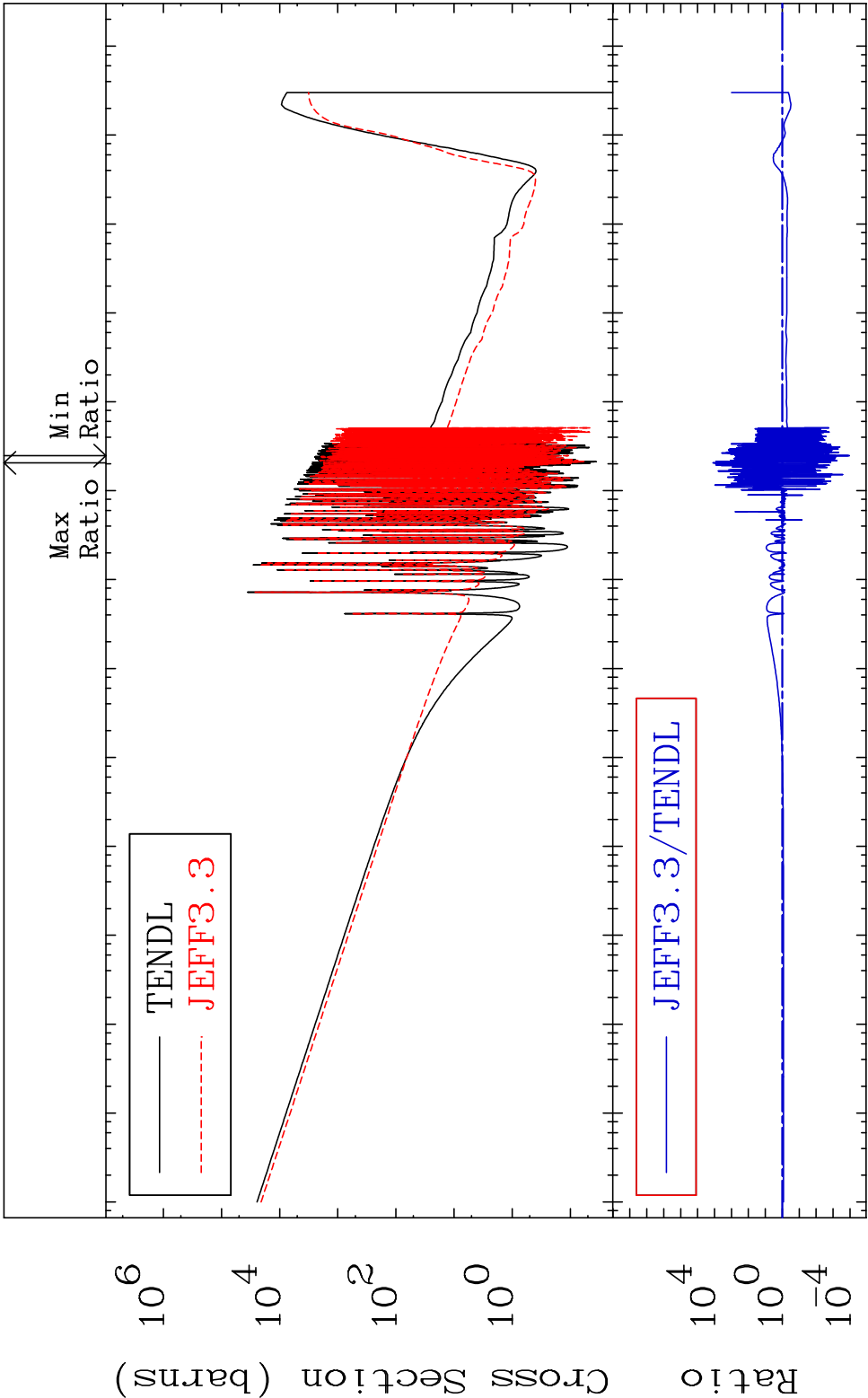


60 Incident Energy (eV) 53-I -129

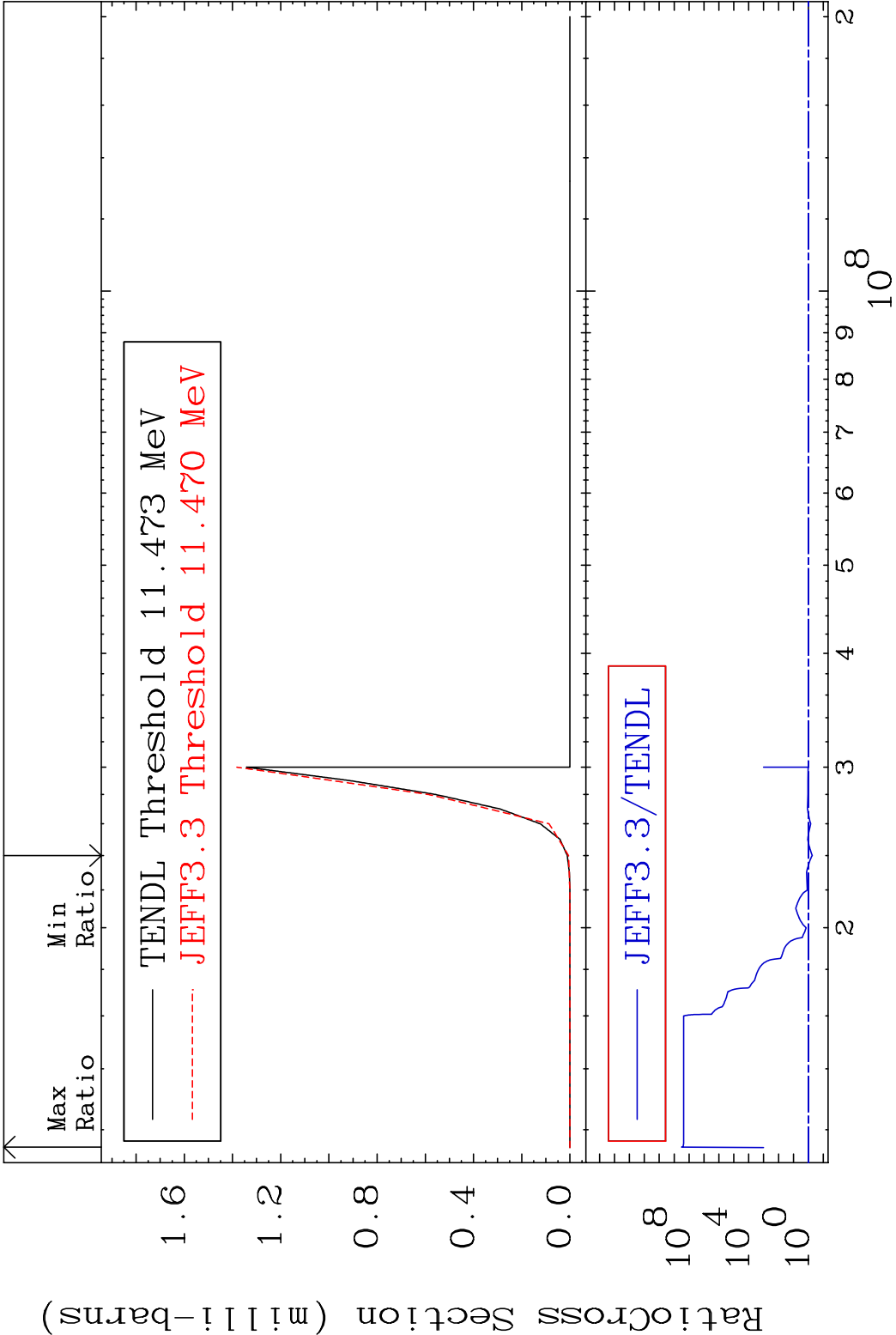
MAT 5331 Dpa inelastic (mt51-91) 53-I -129
Cross Section -100.0 To 24.05 %

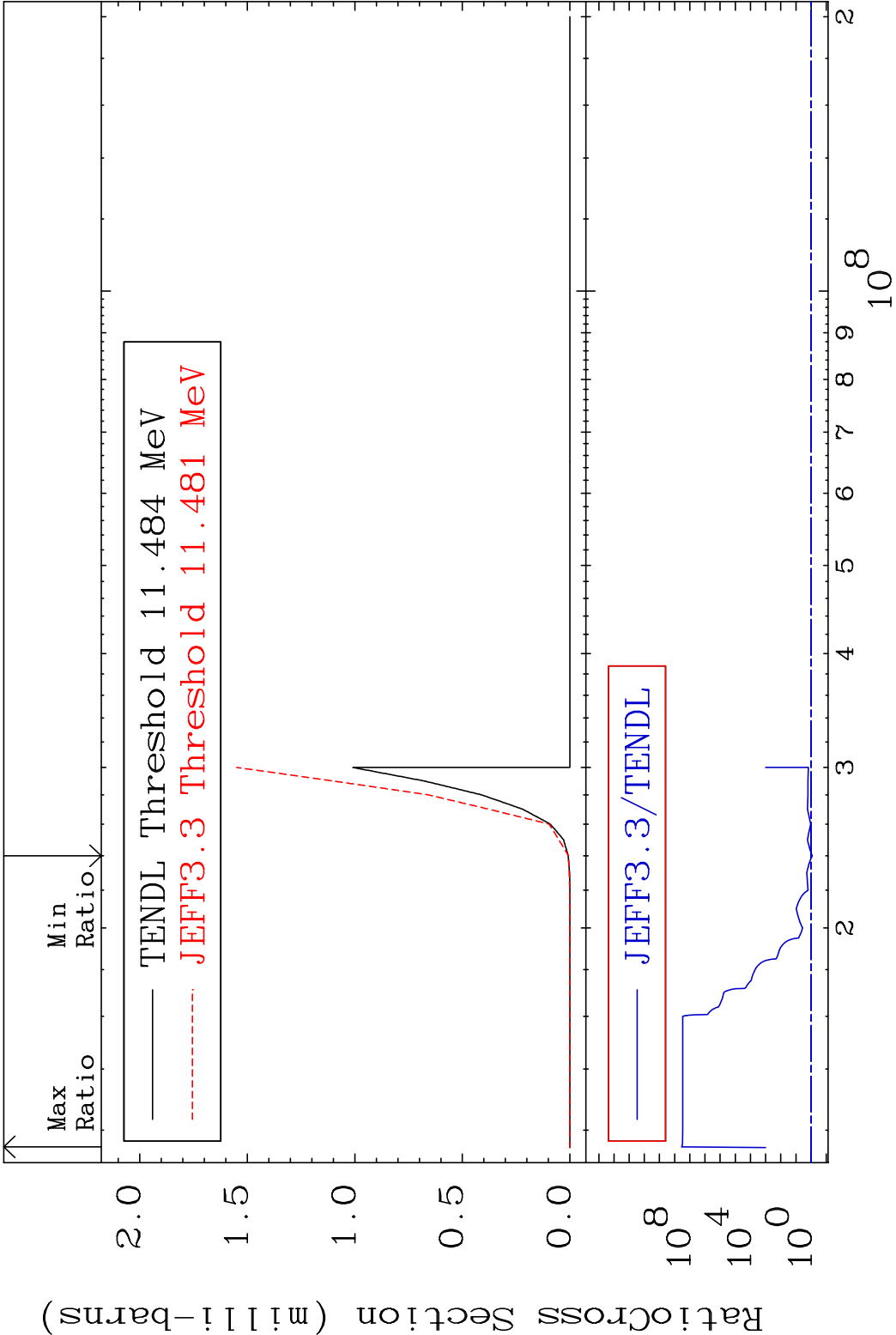


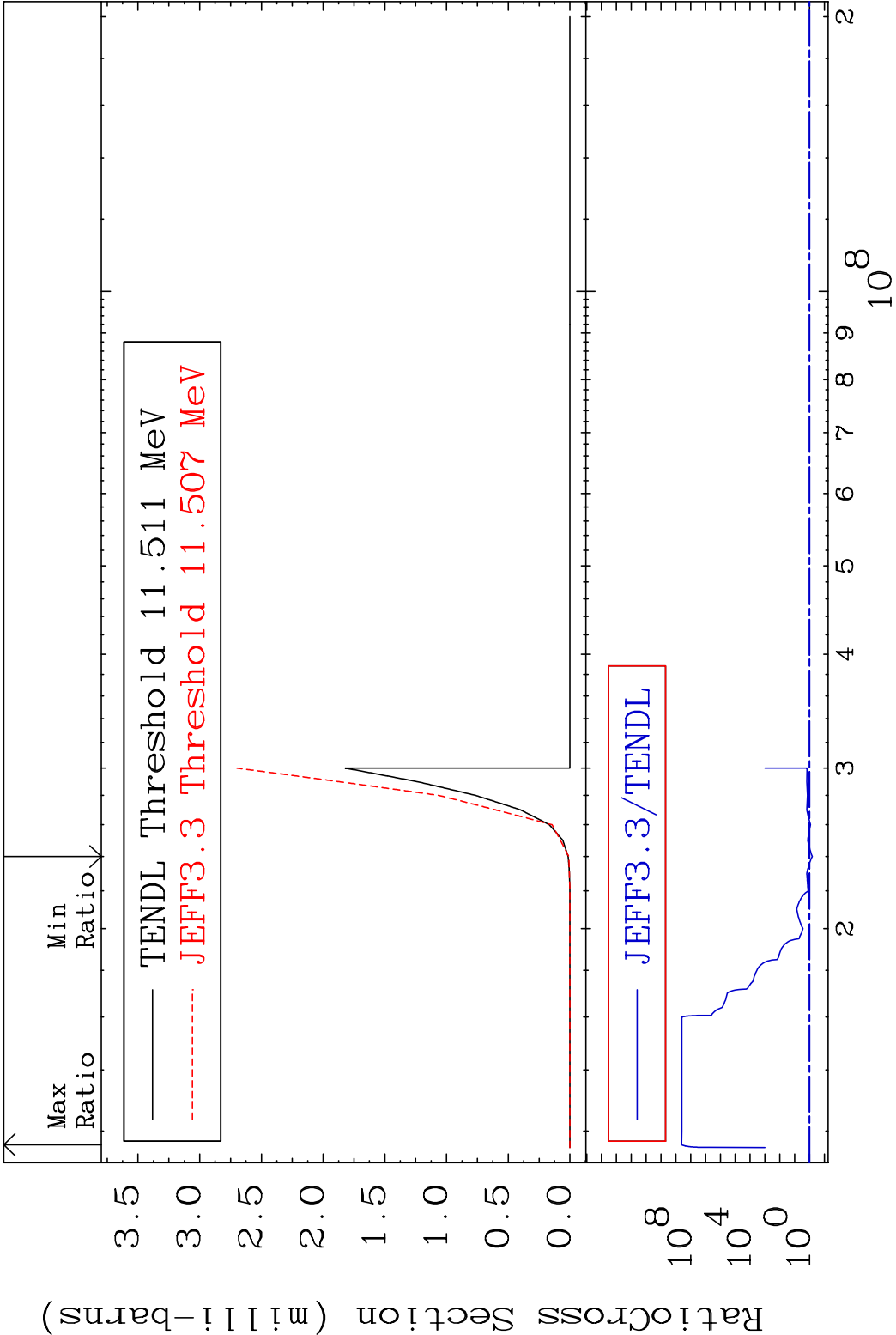
MAT 5331 Dpa disappearance (mt102 -120) 53-I -129
Cross Section -99.99 To 9999. %

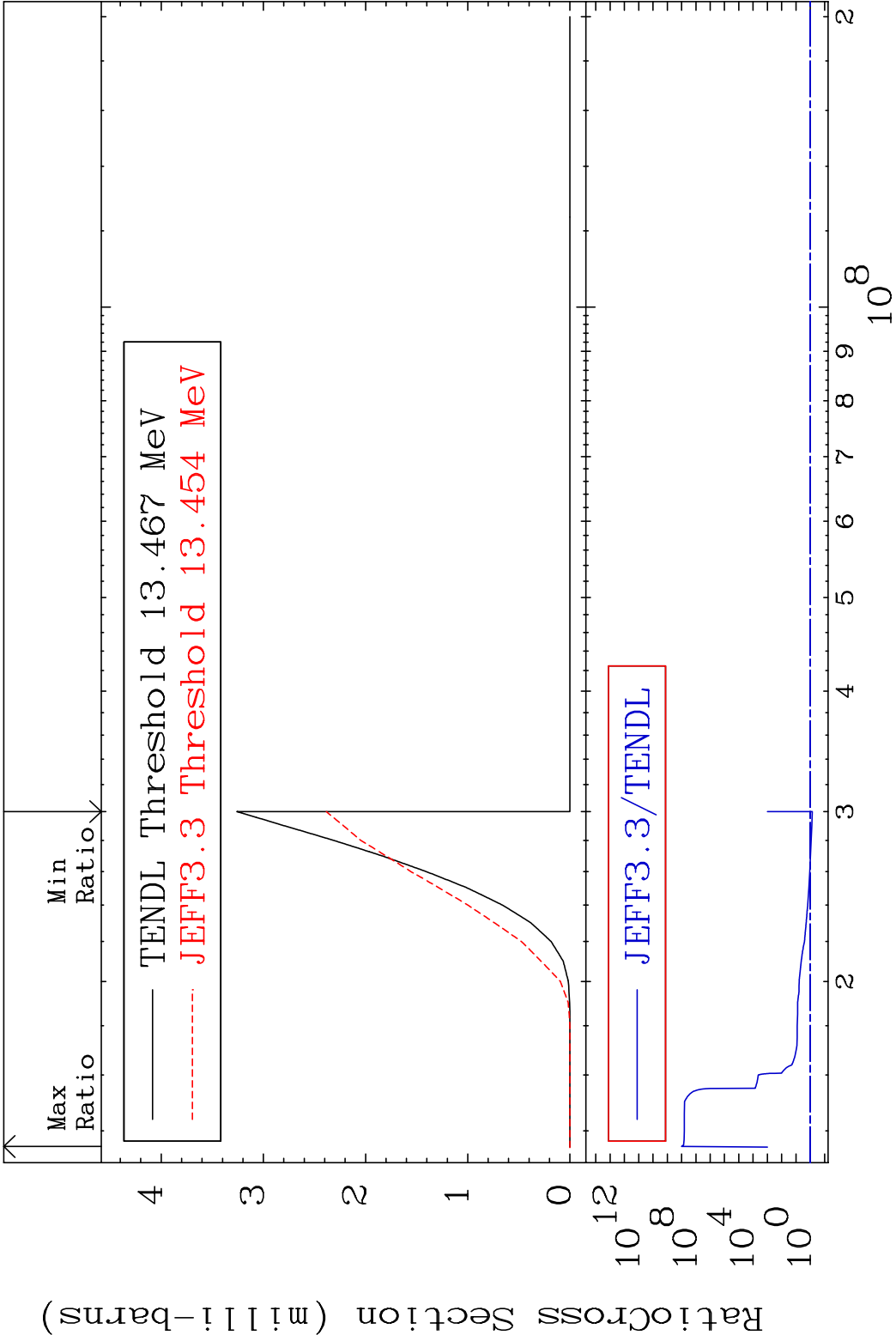


62 Incident Energy (eV) 53-I -129









Radionuclide Production Cross Section to 9999. %

