

Program Complot
(Version 2021-1)

by

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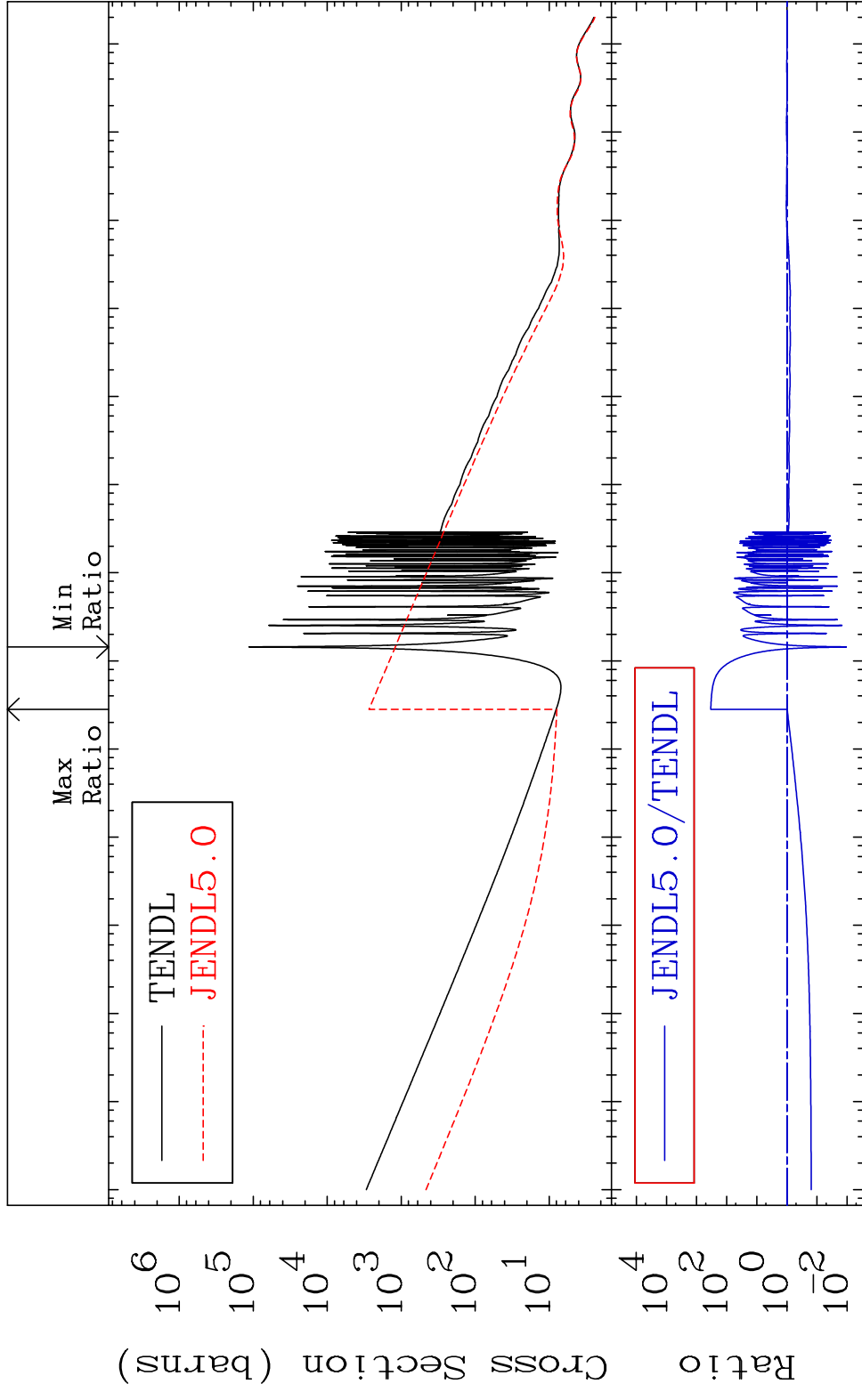
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6819

Total Cross Section -98.94 To 9999. %

68-Er-160



Incident Energy (eV) 68-Er-160

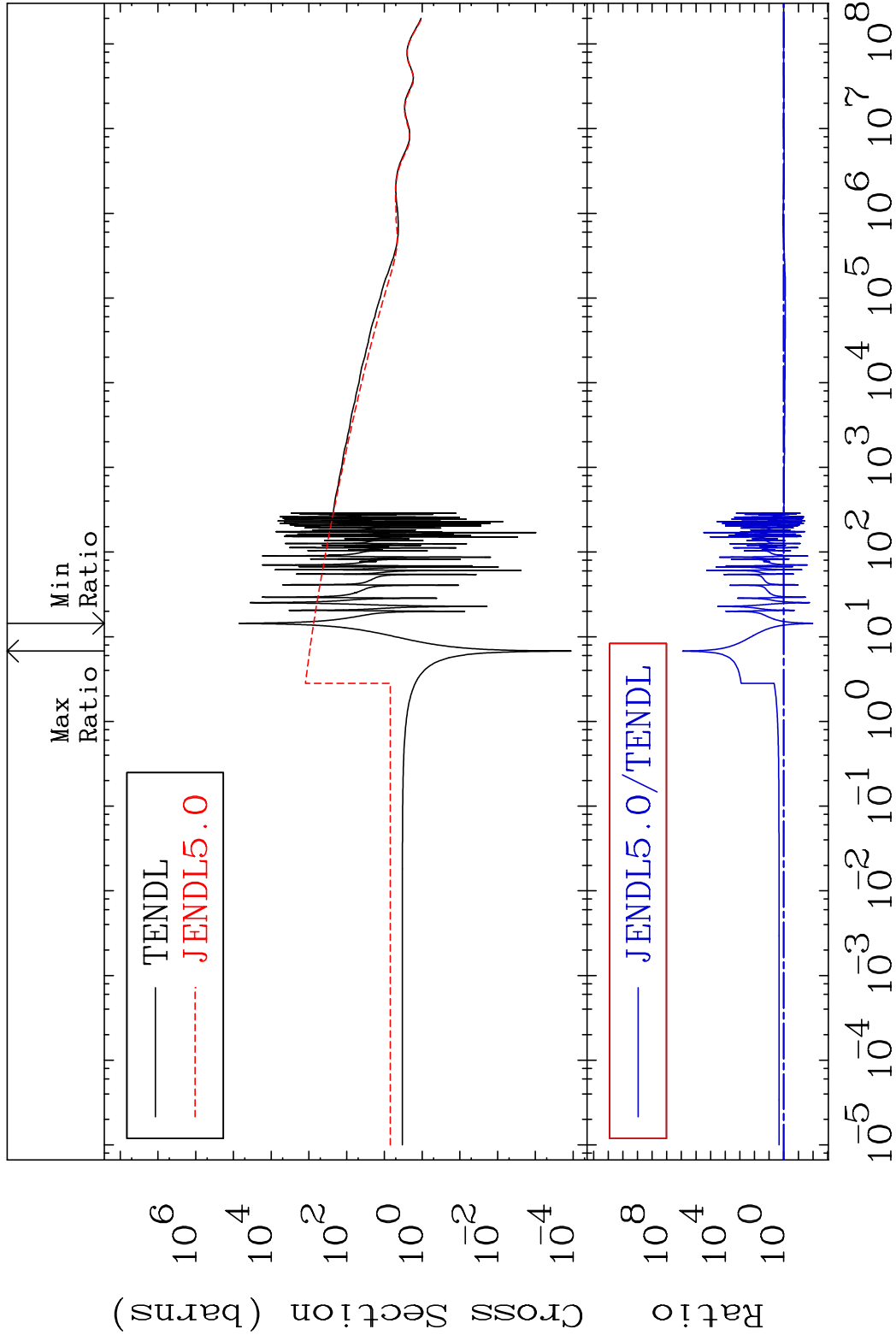
1

MAT 6819

Elastic

68-Er-160

Cross Section -98.93 To 9999. %



2

Incident Energy (eV)

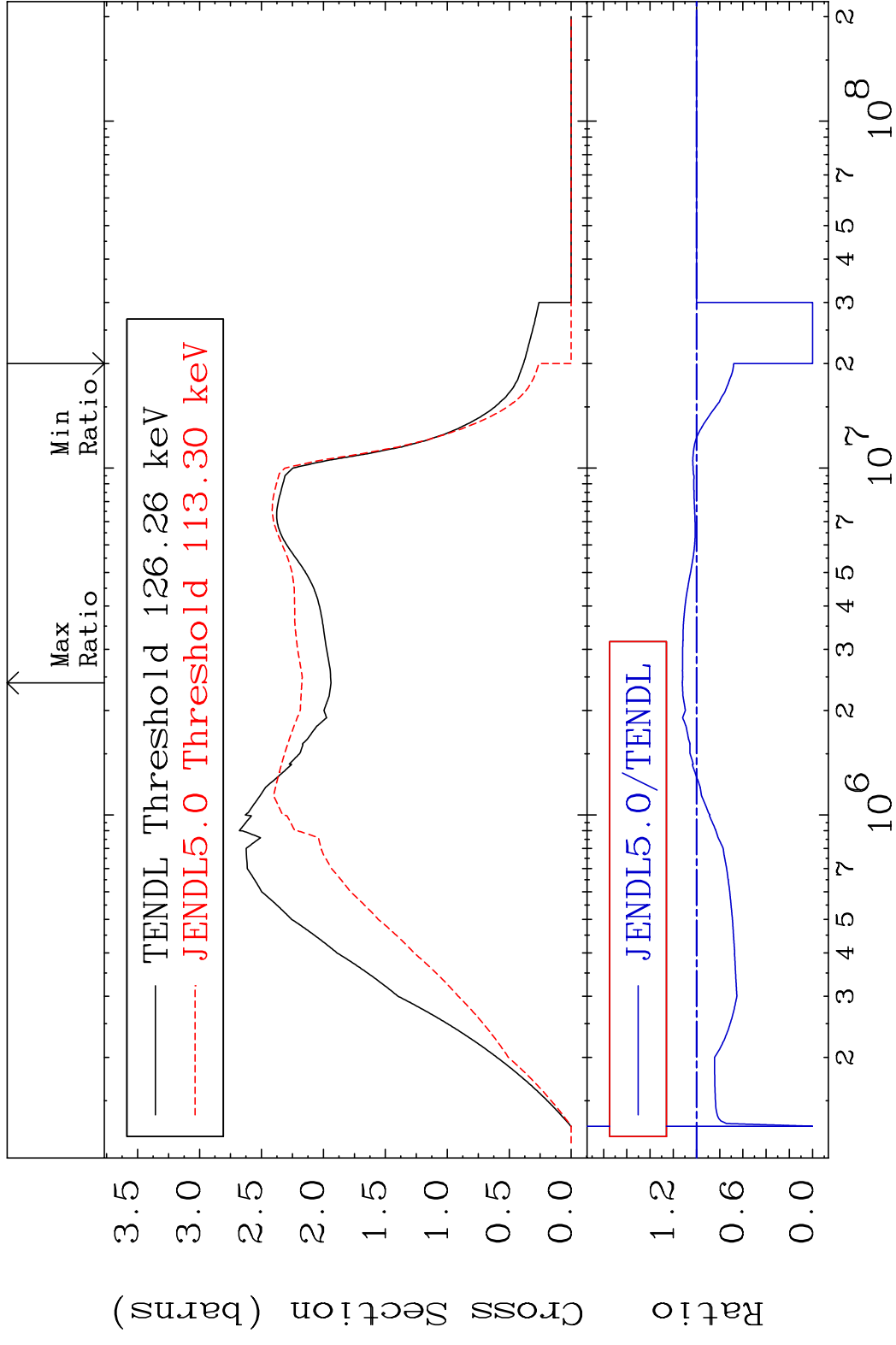
68-Er-160

MAT 6819

68-Er-160

Inelastic

Cross Section -100.0 To 12.16 %

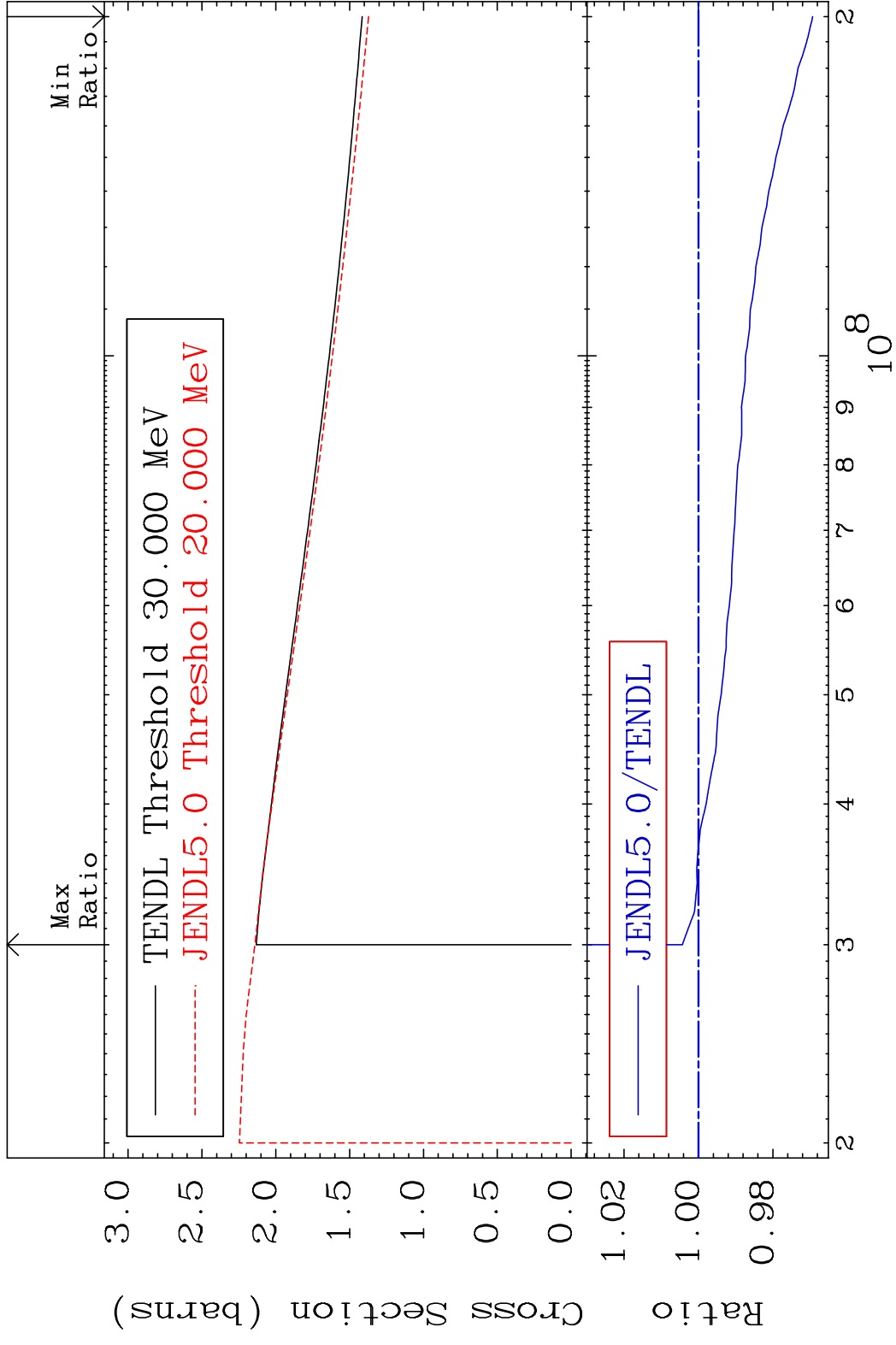


MAT 6819

(n, remainder)

68-Er-160

Cross Section -3.067 To 0.433 %



4

Incident Energy (eV)

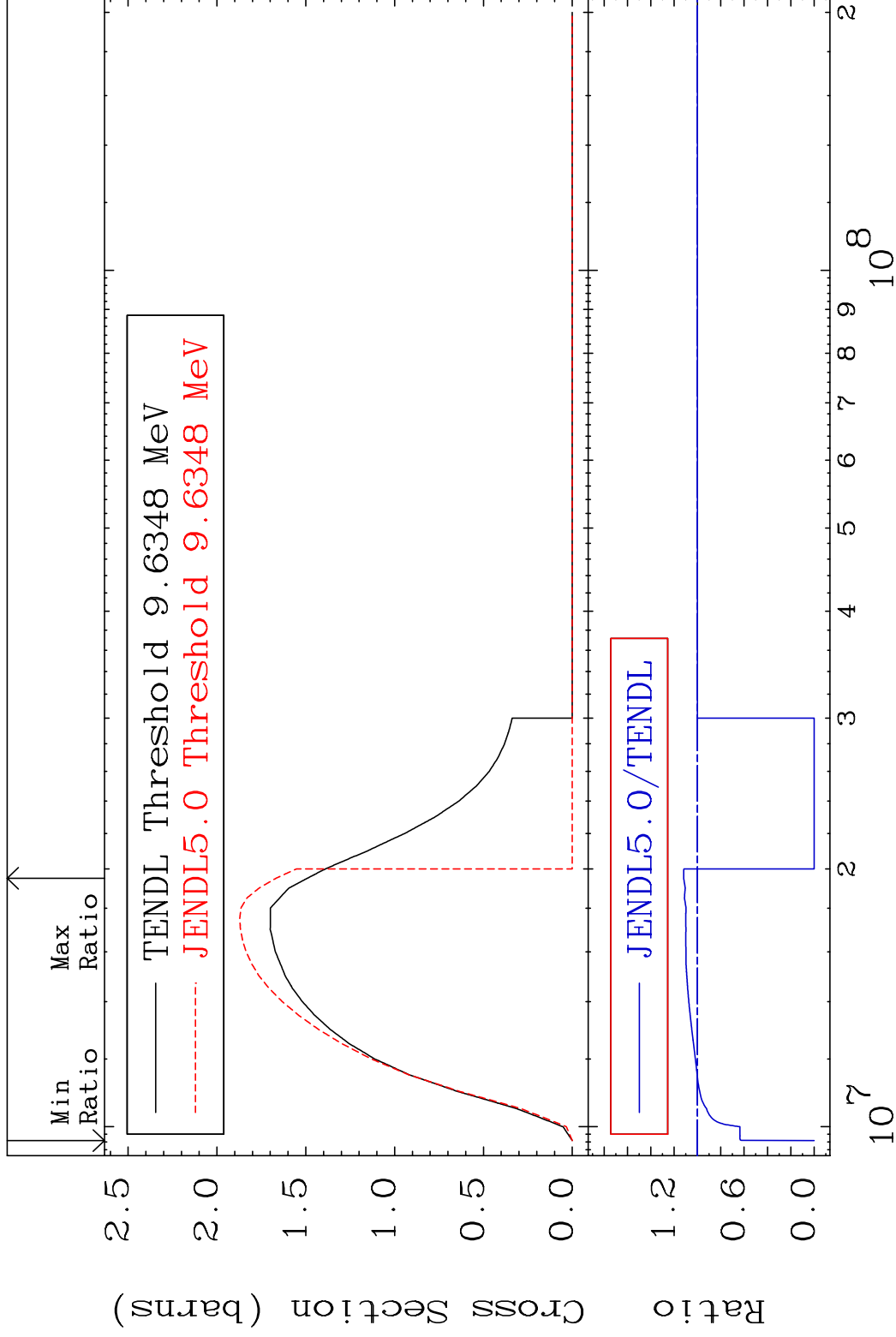
68-Er-160

MAT 6819

(n,2n)

68-Er-160

Cross Section -100.0 To 11.82 %

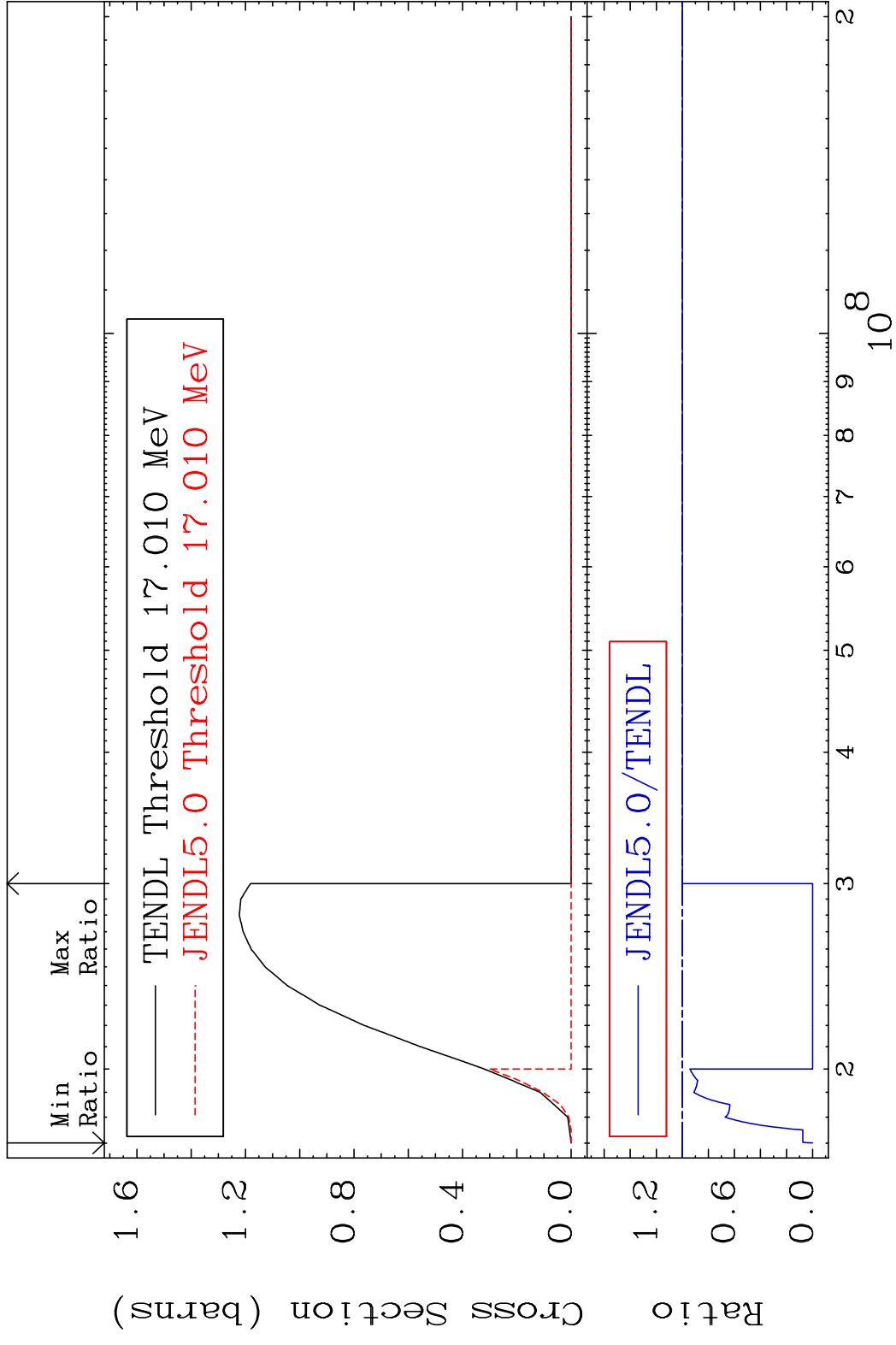


5

Incident Energy (eV)

68-Er-160

MAT 6819 (n,3n) 68-Er-160
 Cross Section -100.0 To 0.000 %

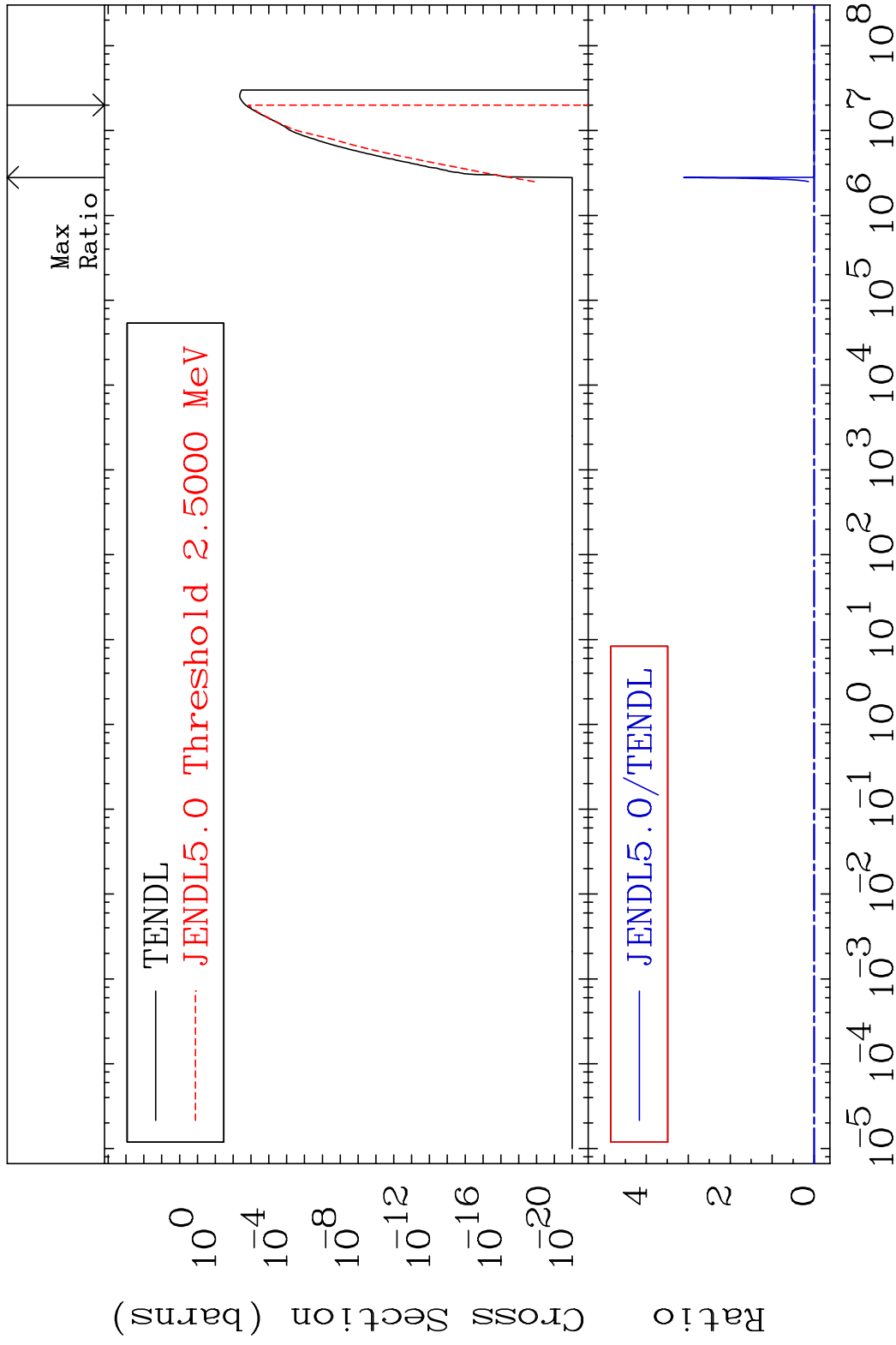


MAT 6819

(n, n') α

68-Er-160

Cross Section -100.0 To 9999. %

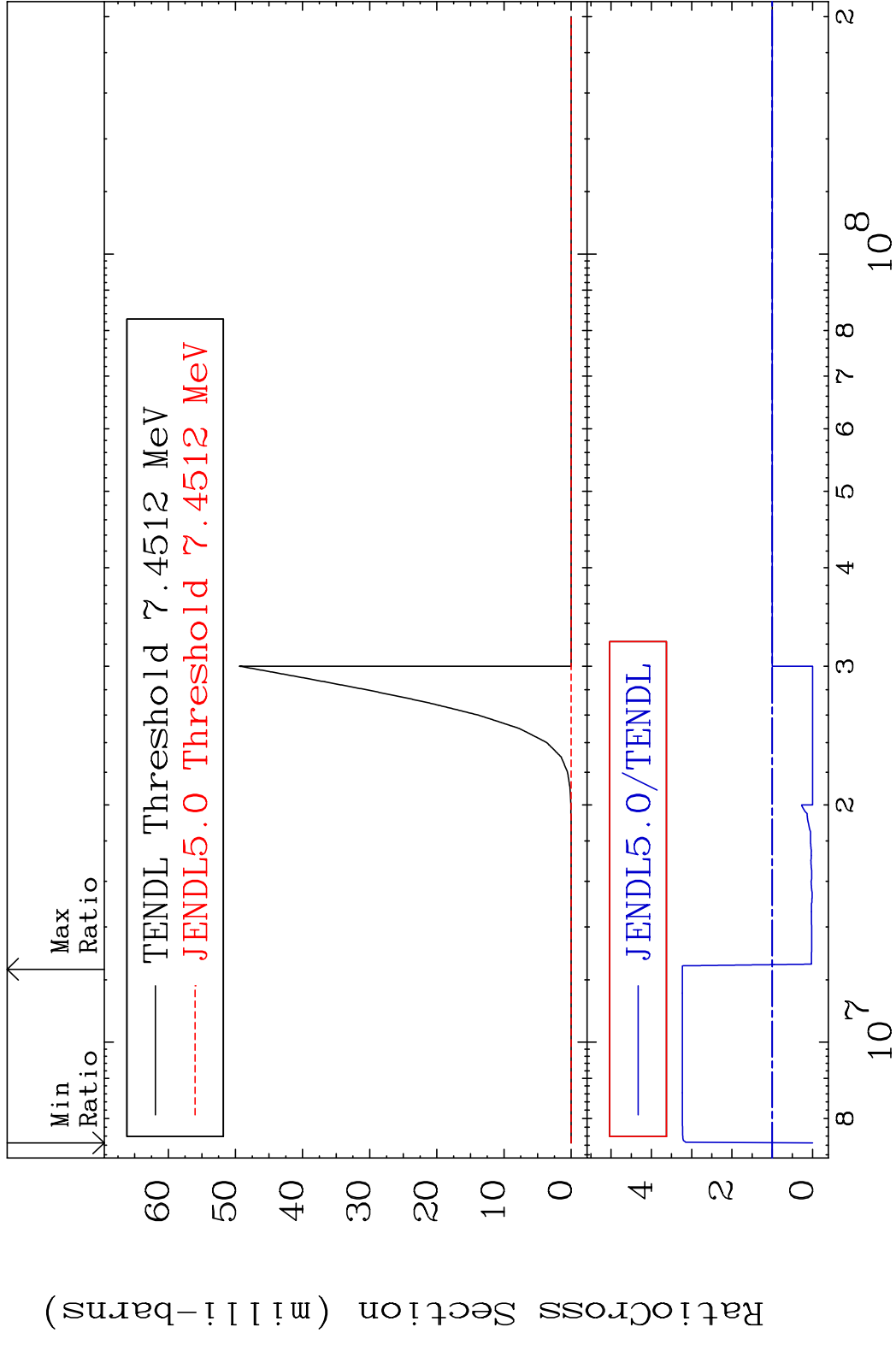


7

Incident Energy (eV)

68-Er-160

MAT 6819 (n,2n) α 68-Er-160
 Cross Section -100.0 To 223.1 %



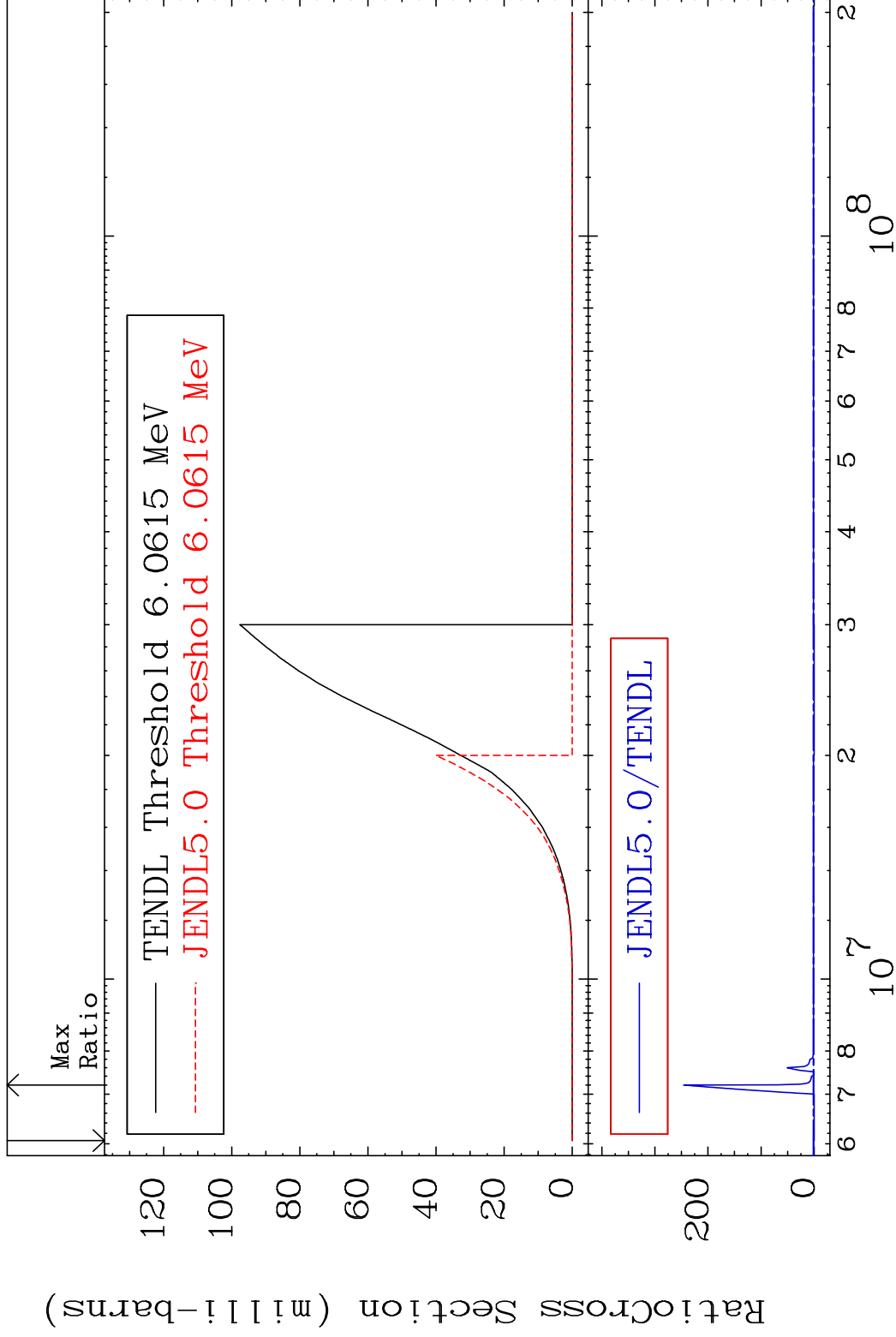
8 8 Incident Energy (eV) 68-Er-160

MAT 6819

(n, n') p

68-Er-160

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

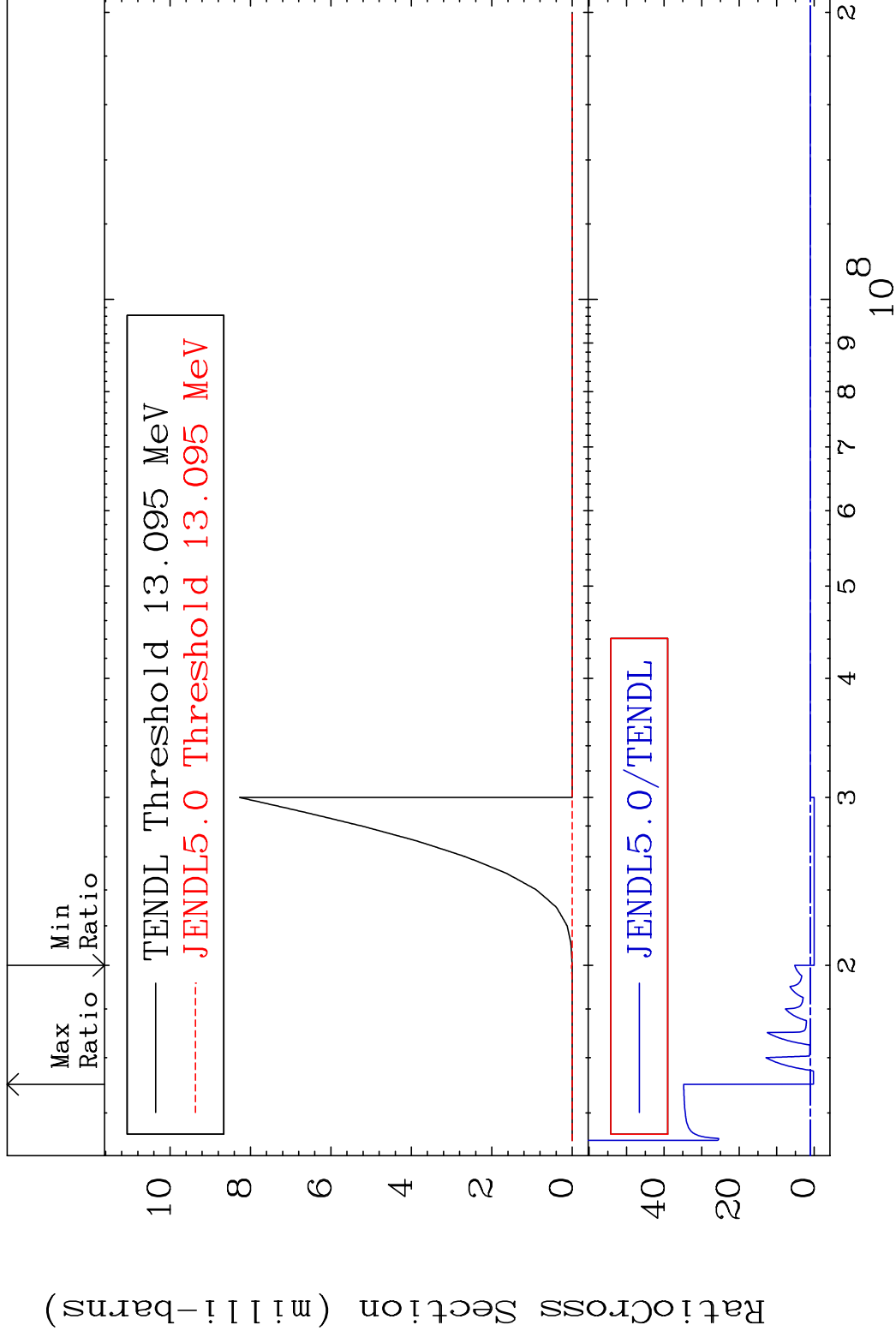
68-Er-160

MAT 6819

(n, n') d

68-Er-160

Cross Section -100.0 To 3379. %

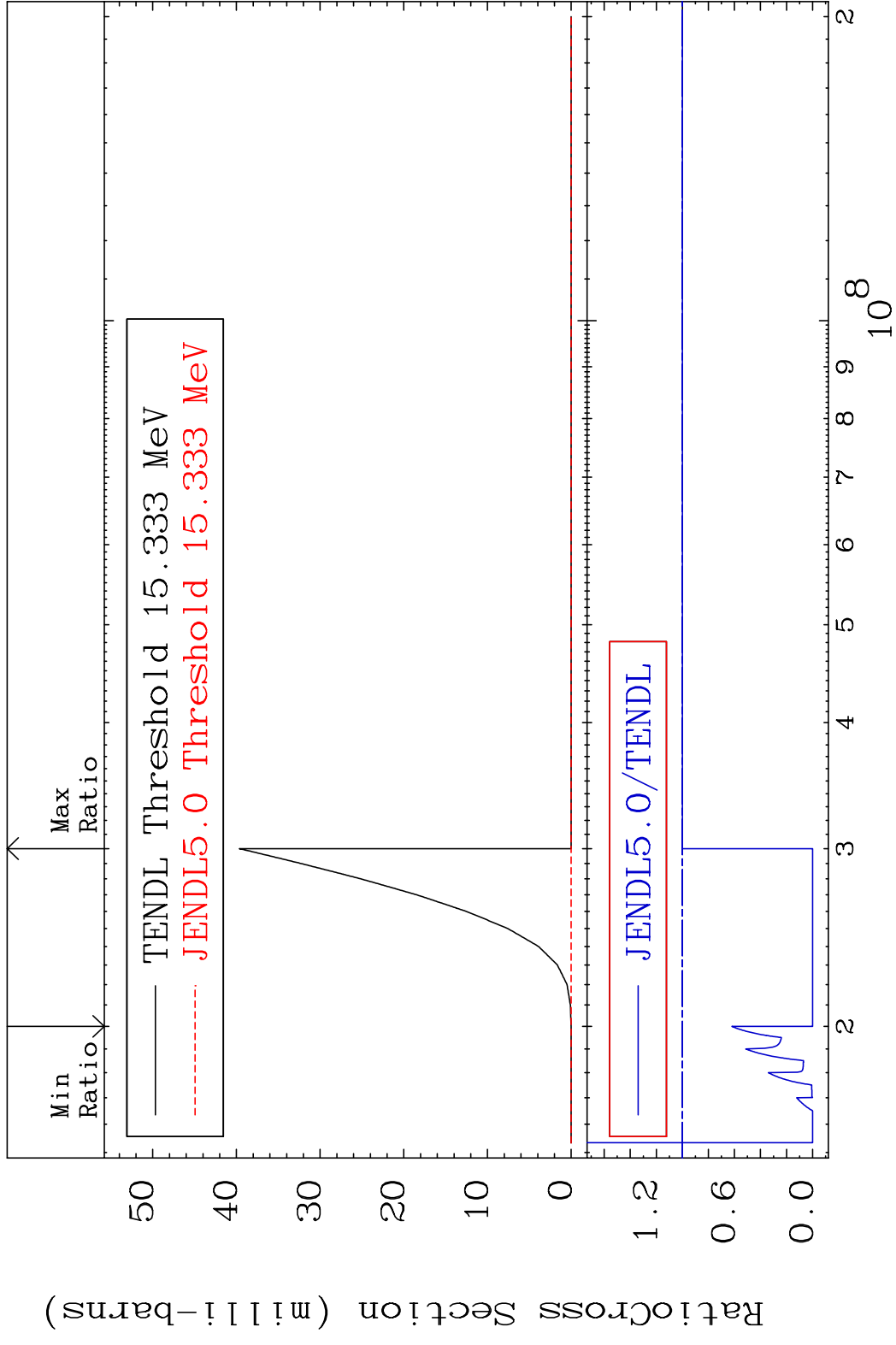


10

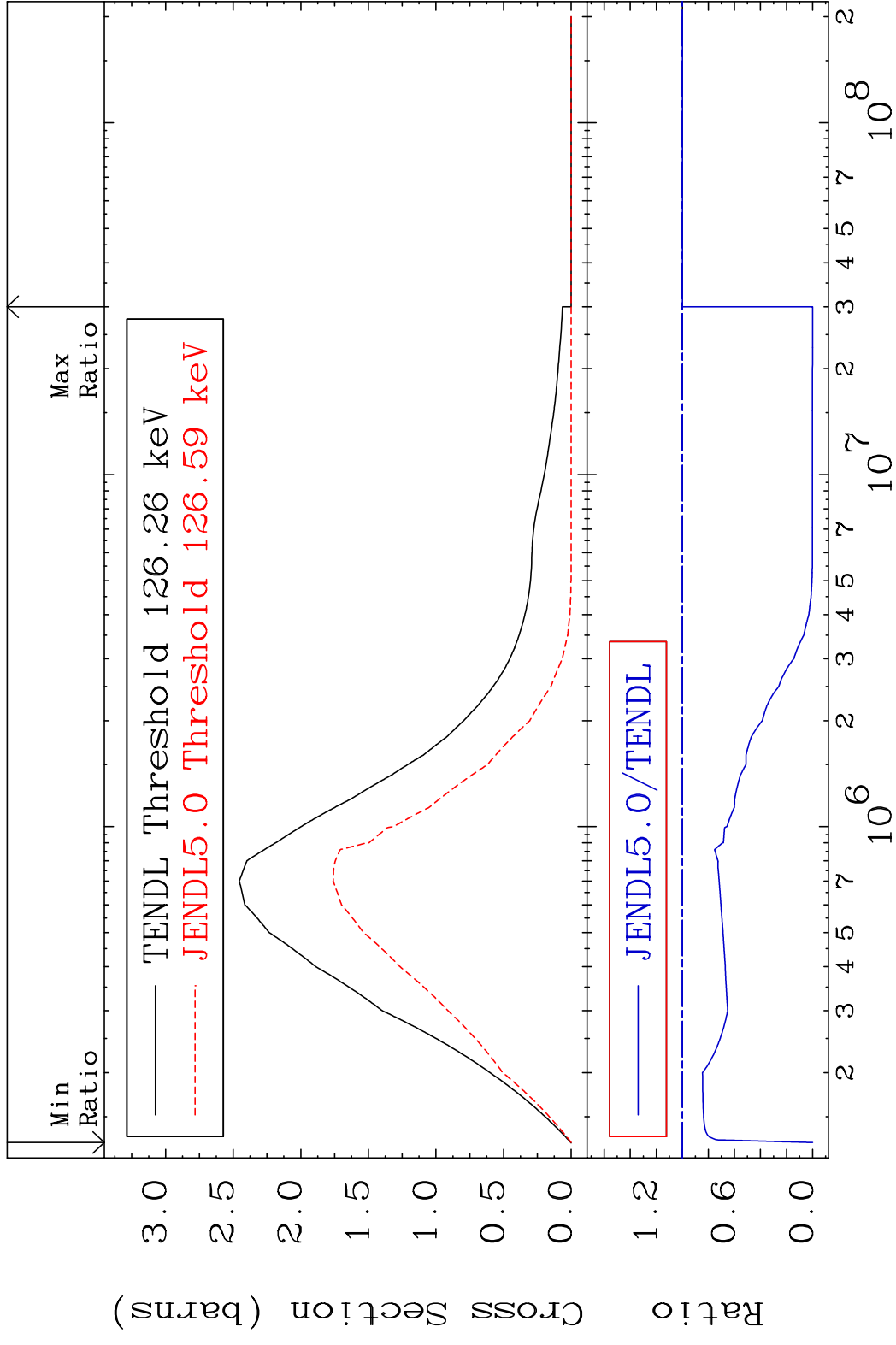
Incident Energy (eV)

68-Er-160

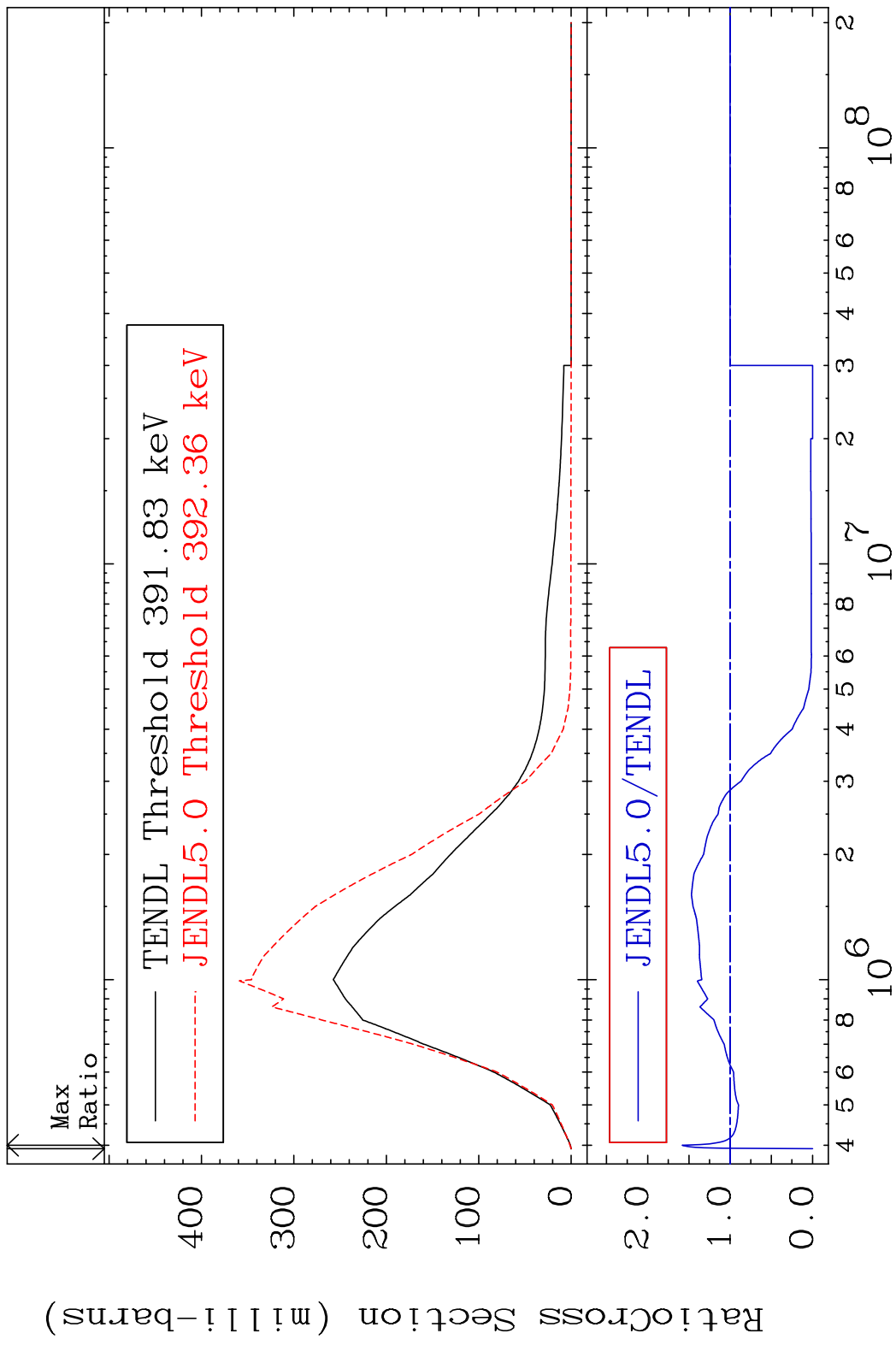
MAT 6819 (n,2n) p 68-Er-160
 Cross Section -100.0 To 0.000 %



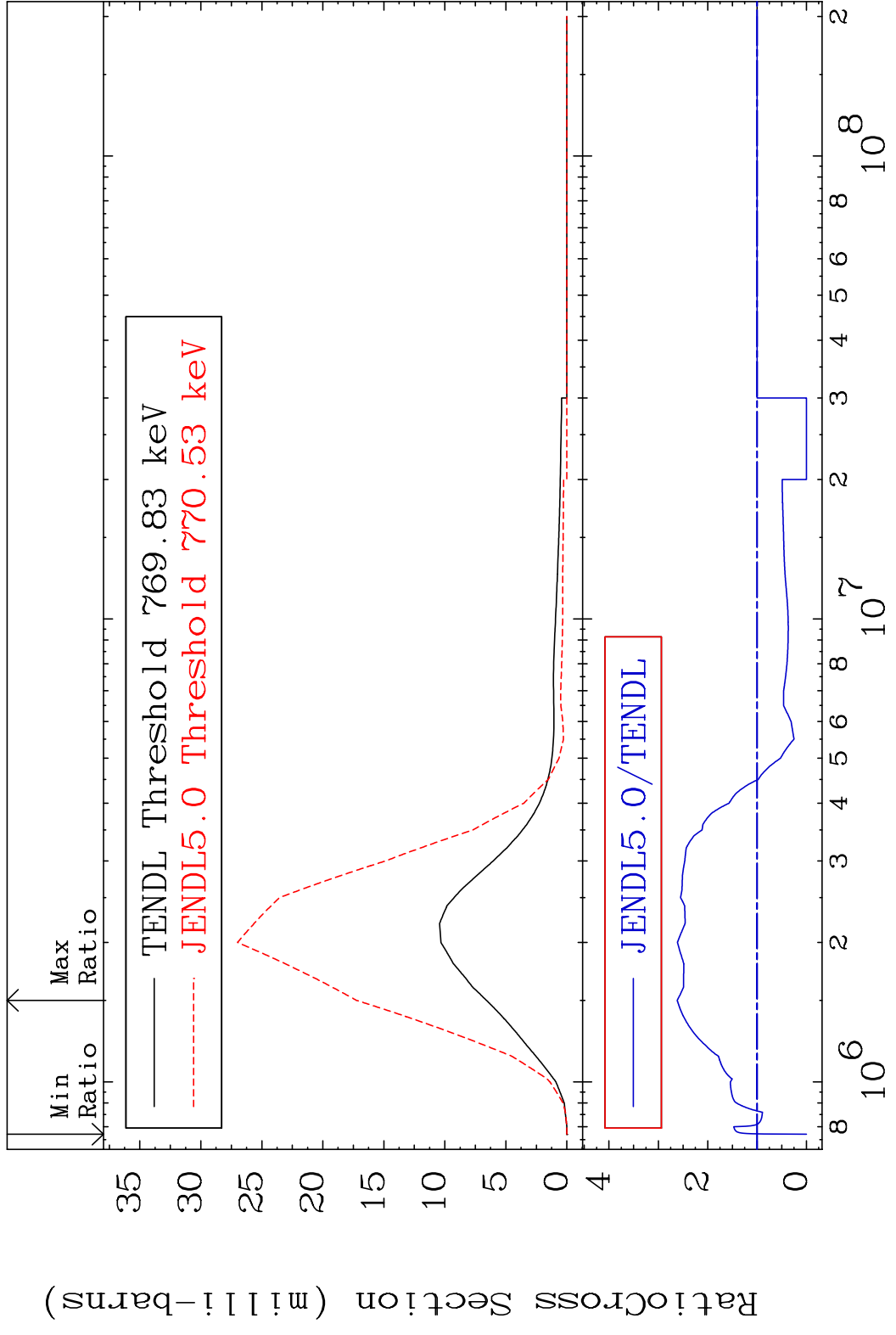
MAT 6819 MT= 51 (n, n') Level 68-Er-160
 Cross Section -100.0 To 0.000 %



MAT 6819 MT= 52 (n,n') Level 68-Er-160
 Cross Section -100.0 To 58.01 %

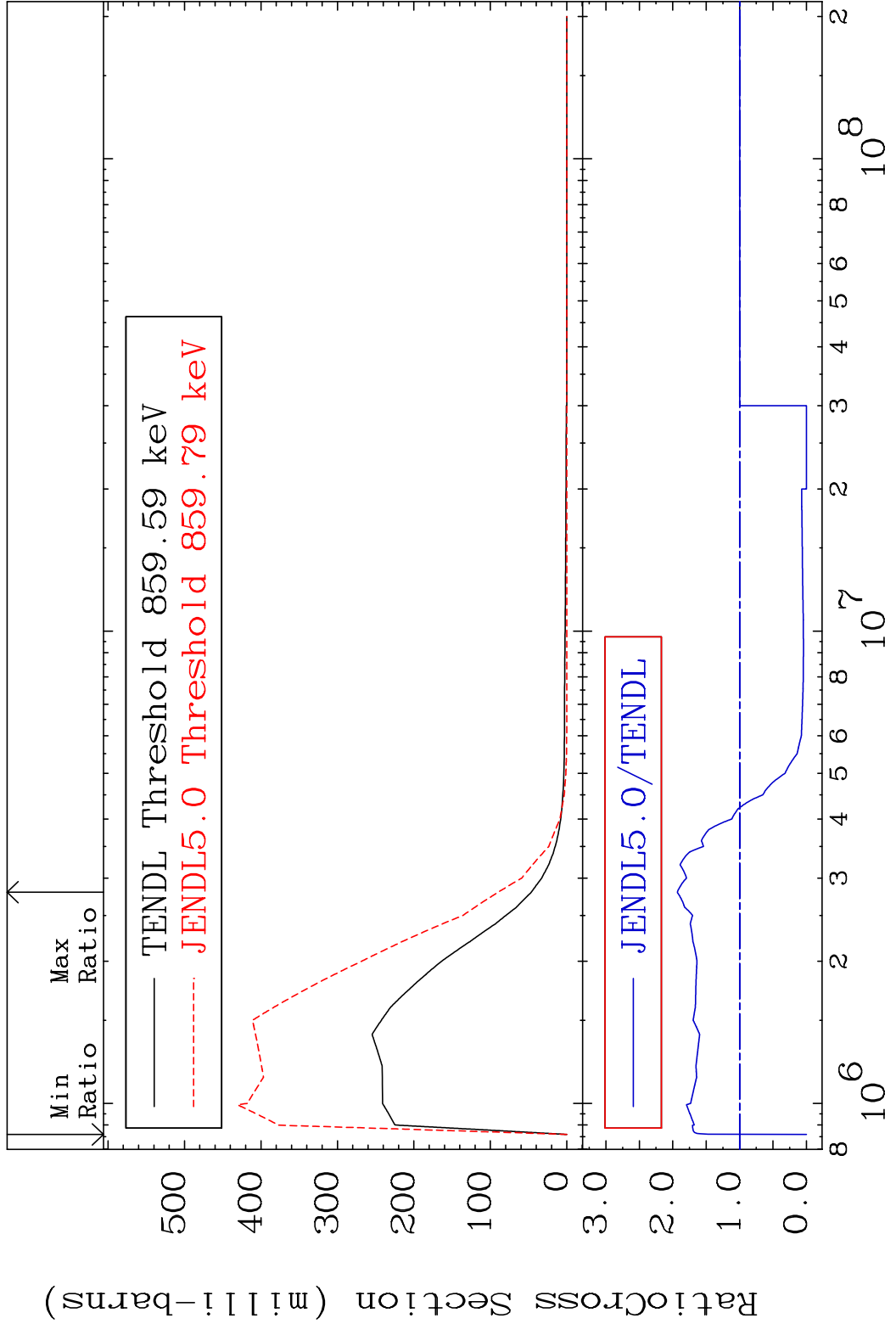


MAT 6819 MT= 53 (n,n') Level 68-Er-160
 Cross Section -100.0 To 161.8 %



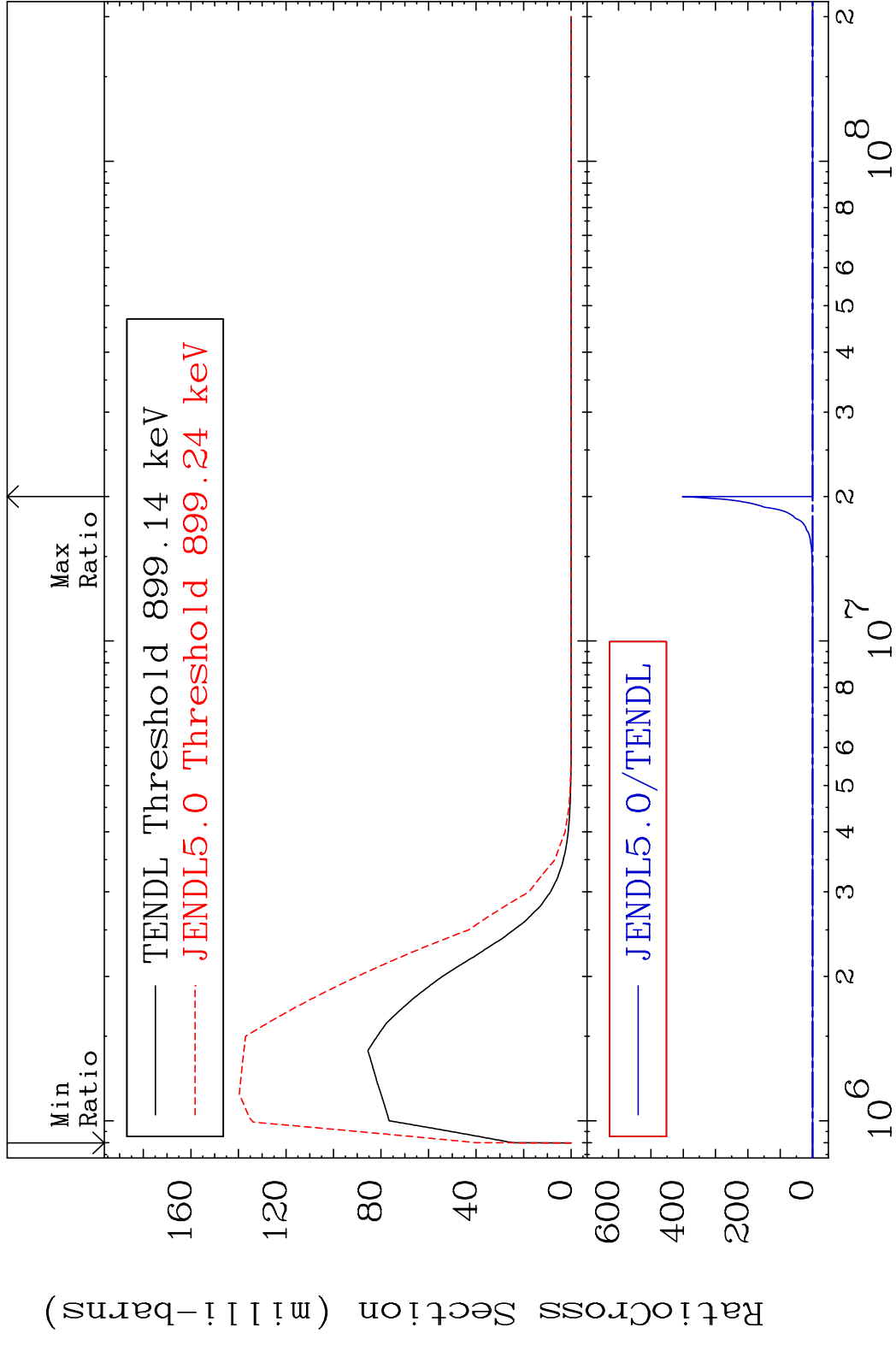
14 Incident Energy (eV) 68-Er-160

MAT 6819 MT= 54 (n,n') Level 68-Er-160
 Cross Section -100.0 To 93.38 %



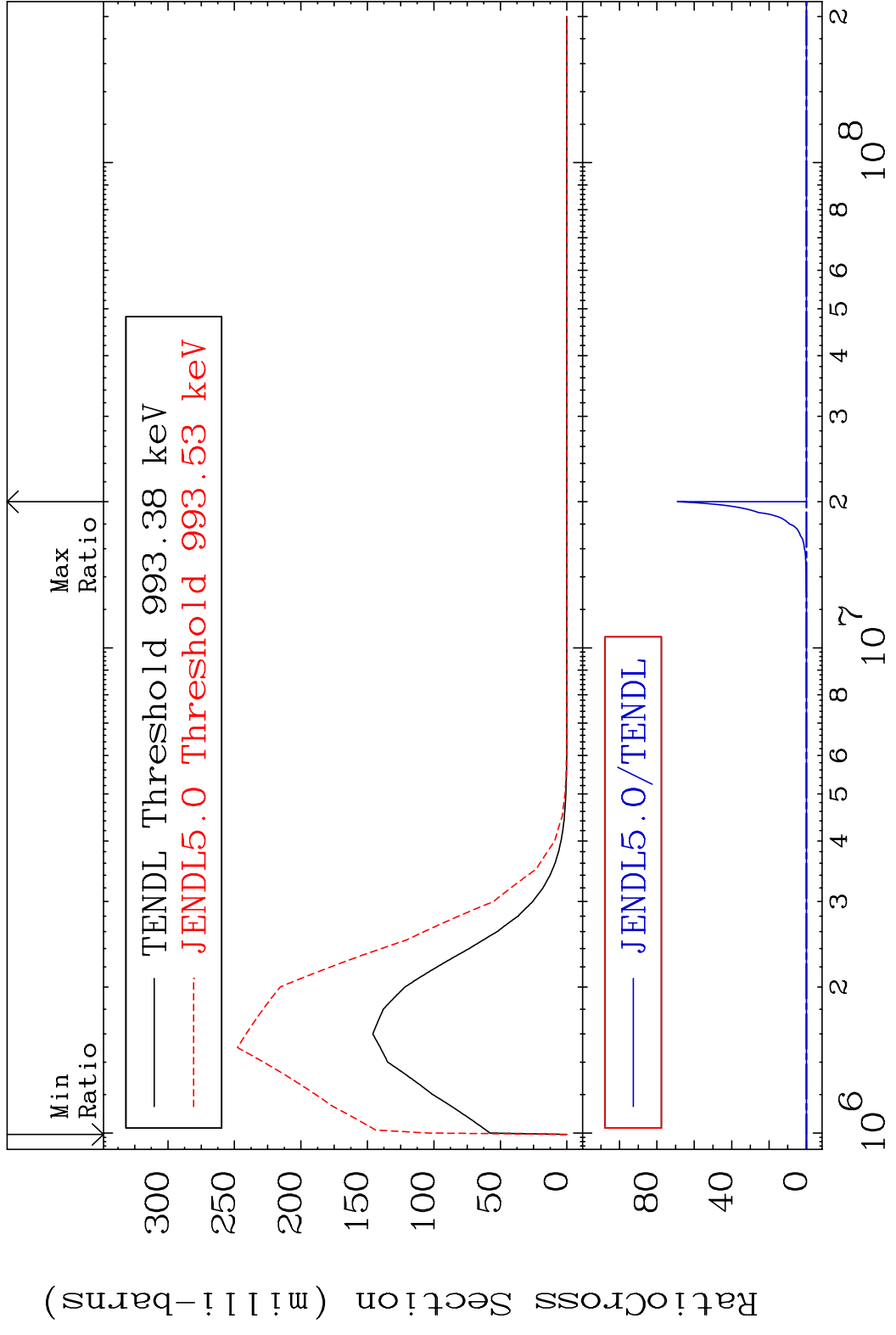
15 Incident Energy (eV) 68-Er-160

MAT 6819 MT= 55 (n, n') Level 68-Er-160
 Cross Section -100.0 To 9999. %



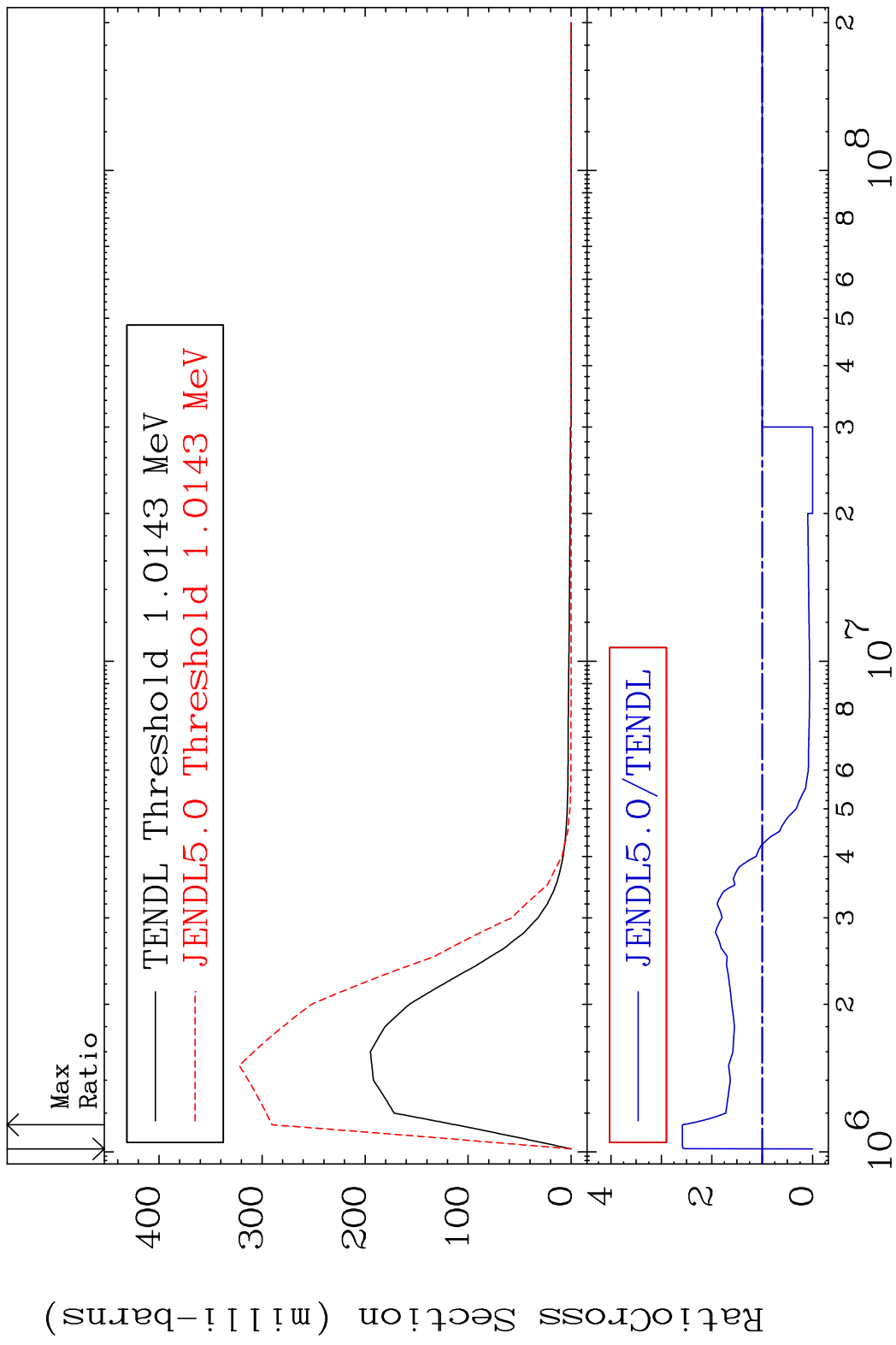
16 Incident Energy (eV) 68-Er-160

MAT 6819 MT= 56 (n, n') Level 68-Er-160
 Cross Section -100.0 To 9999. %

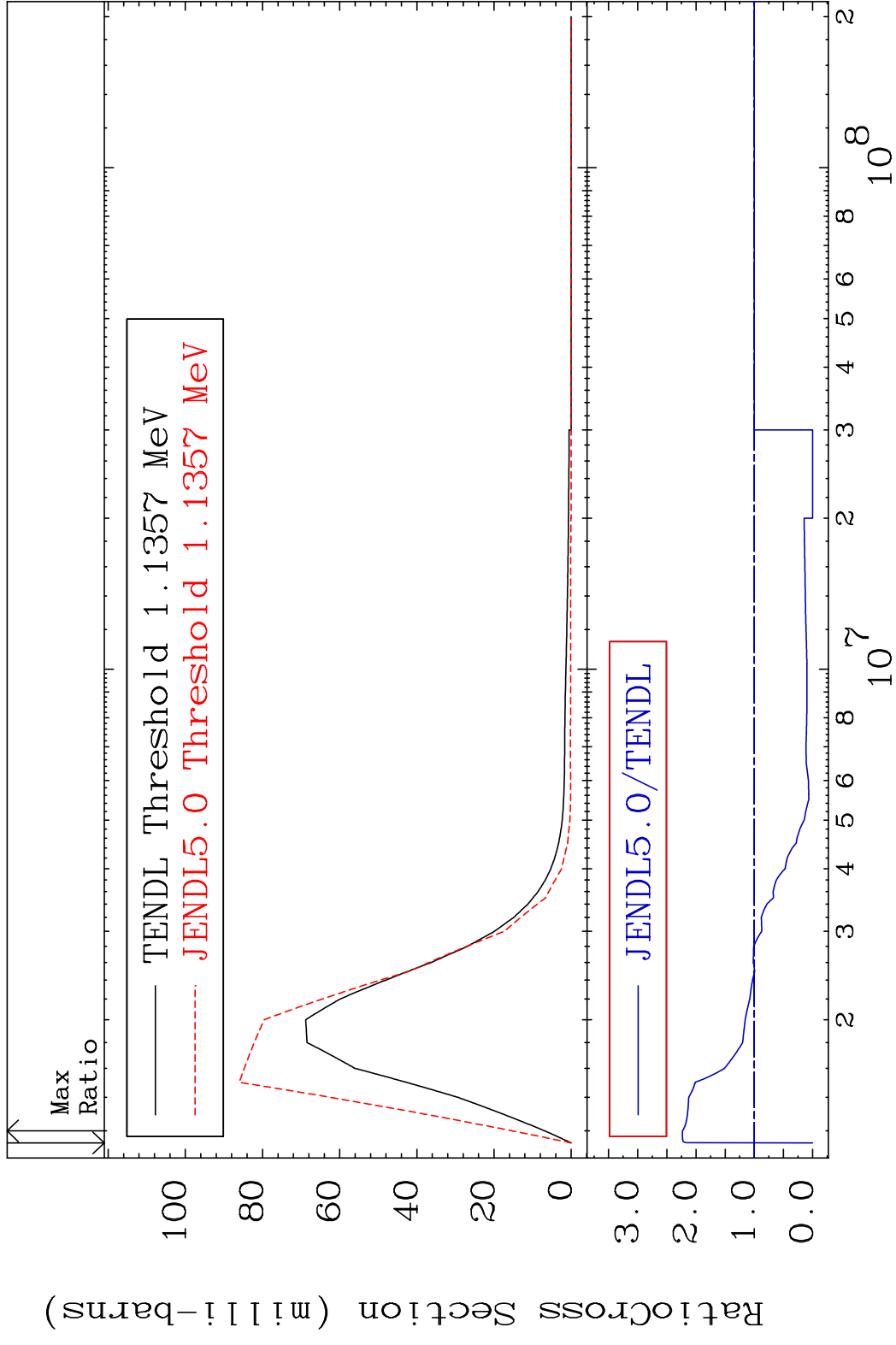


17 68-Er-160

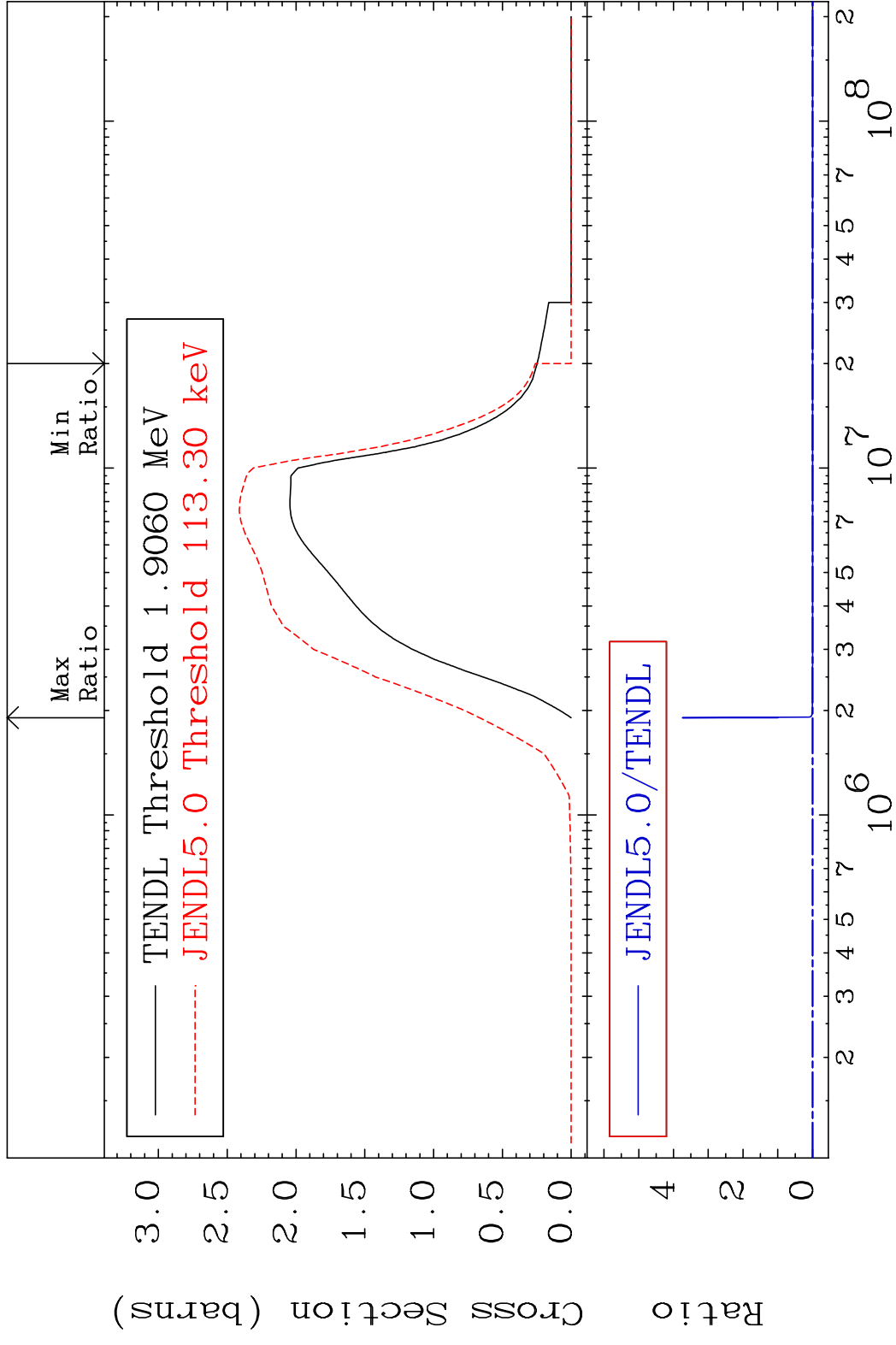
MAT 6819 MT= 57 (n, n') Level 68-Er-160
 Cross Section -100.0 To 158.4 %



MAT 6819 MT= 58 (n,n') Level 68-Er-160
 Cross Section -100.0 To 123.4 %



MAT 6819 (n, n') Continuum 68-Er-160
 Cross Section -100.0 To 9999. %

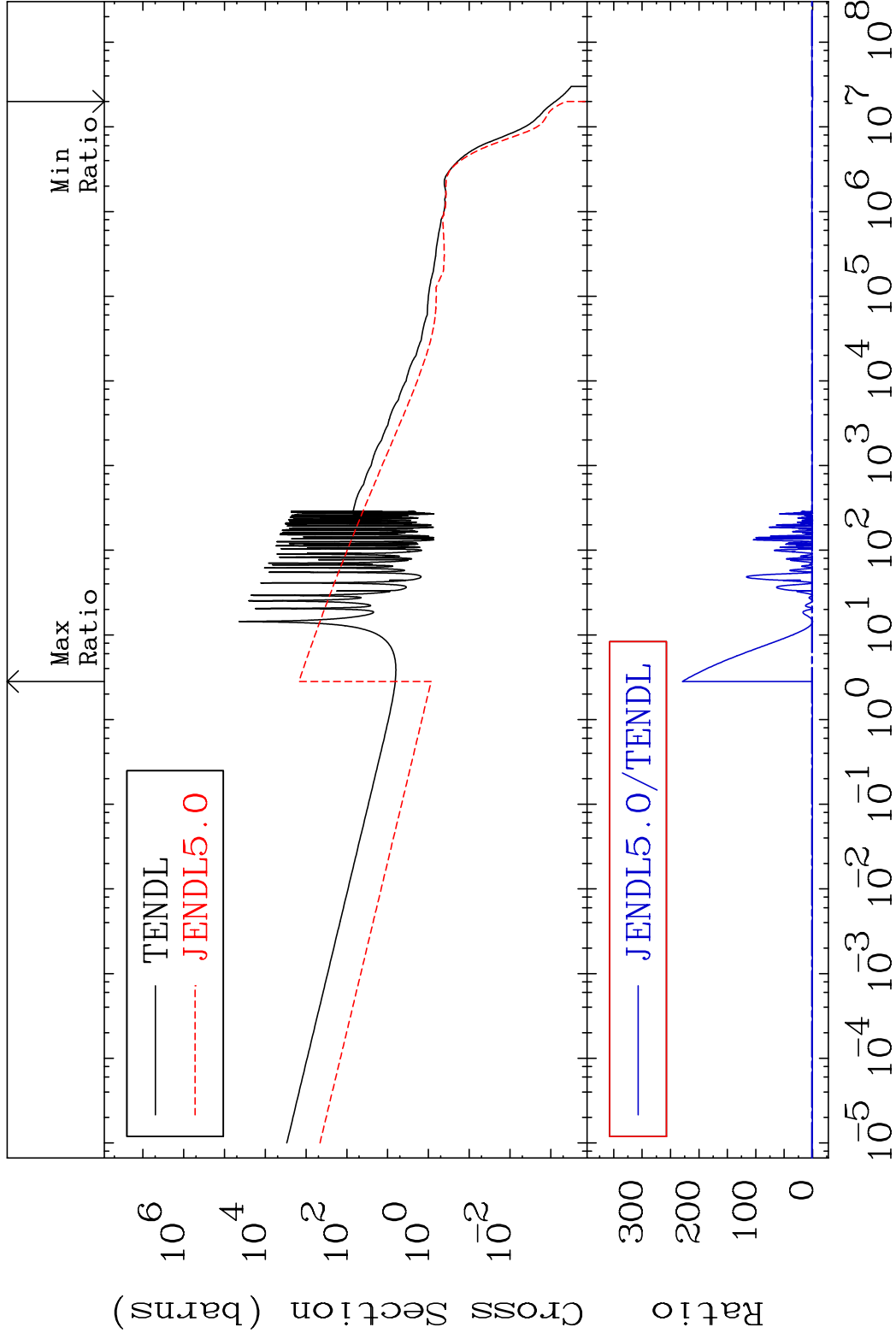


MAT 6819

(n, γ)

68-Er-160

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

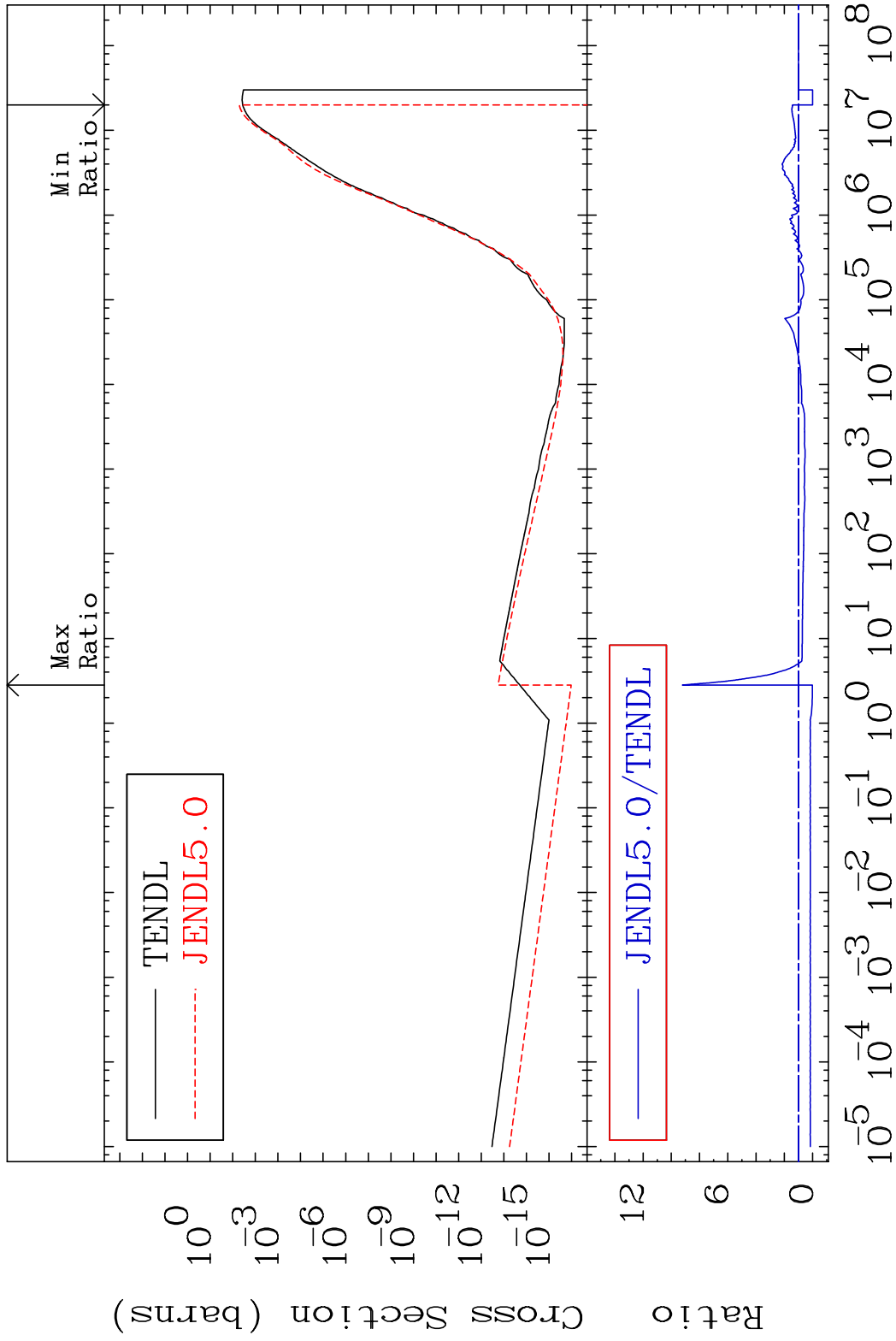
68-Er-160

MAT 6819

(n, p)

68-Er-160

Cross Section -100.0 To 821.9 %

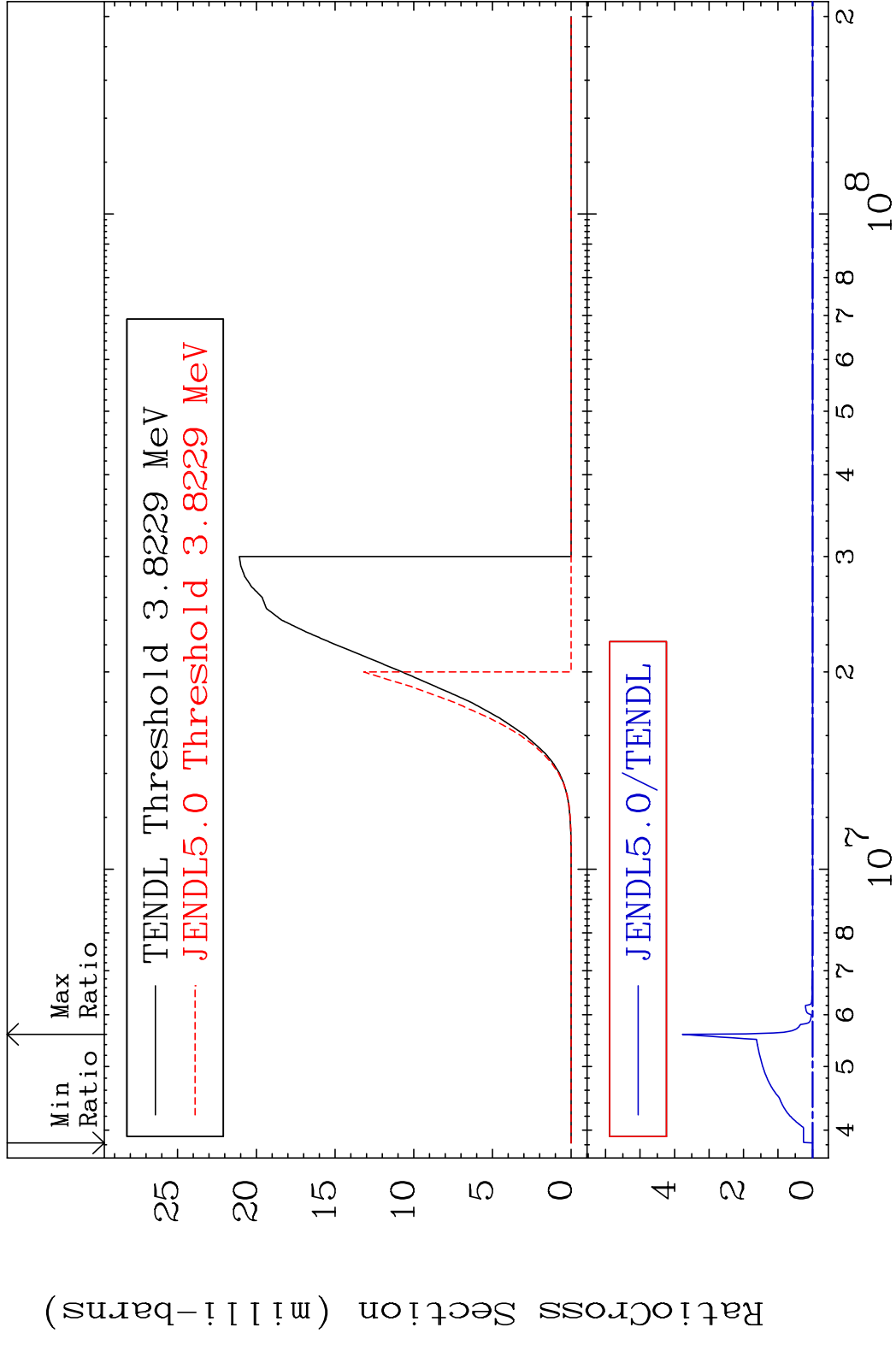


22

Incident Energy (eV)

68-Er-160

MAT 6819 (n,d) 68-Er-160
 Cross Section -100.0 To 9999. %

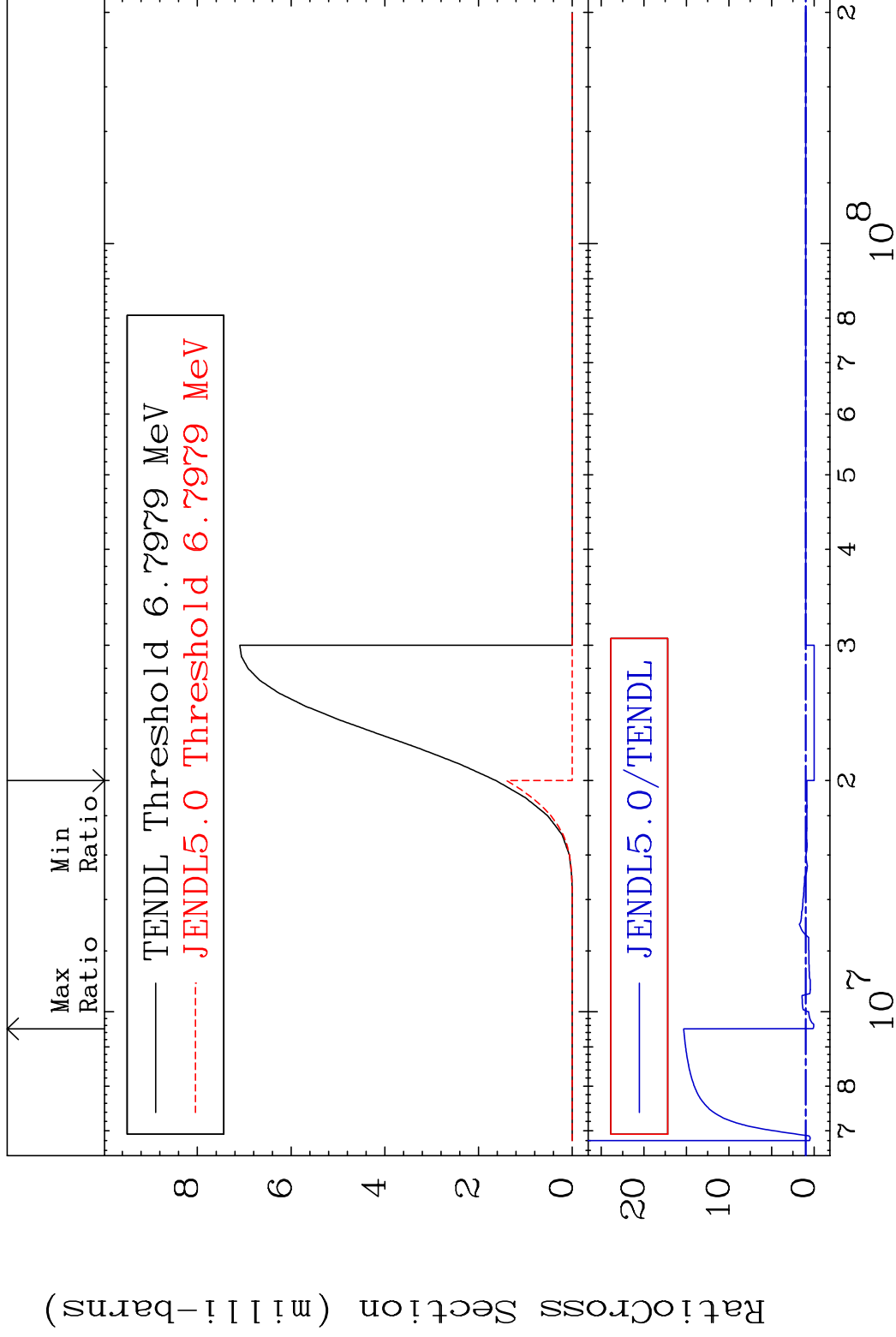


MAT 6819

(n, t)

68-Er-160

Cross Section -100.0 To 1433. %



24

Incident Energy (eV)

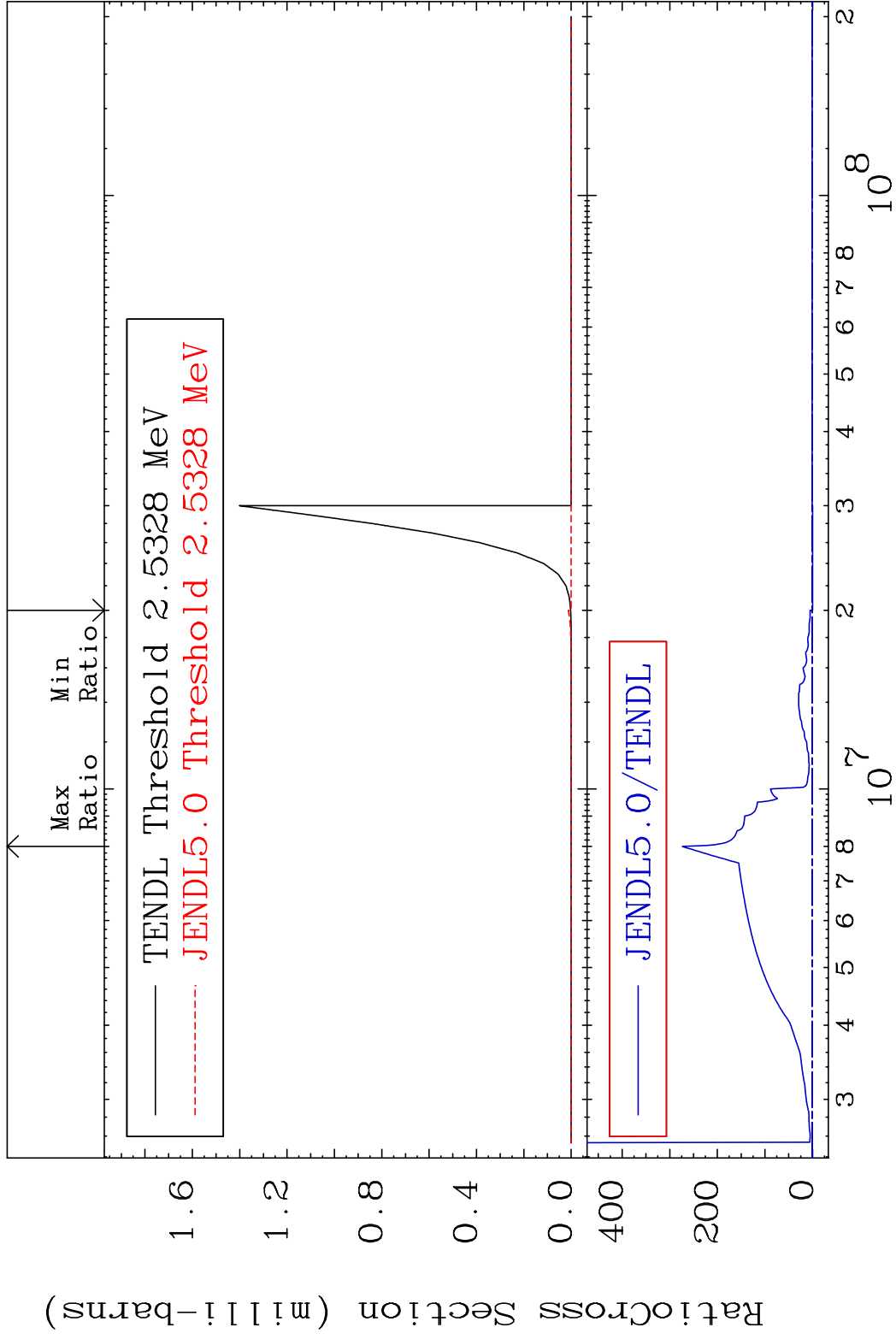
68-Er-160

MAT 6819

(n, He-3)

68-Er-160

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

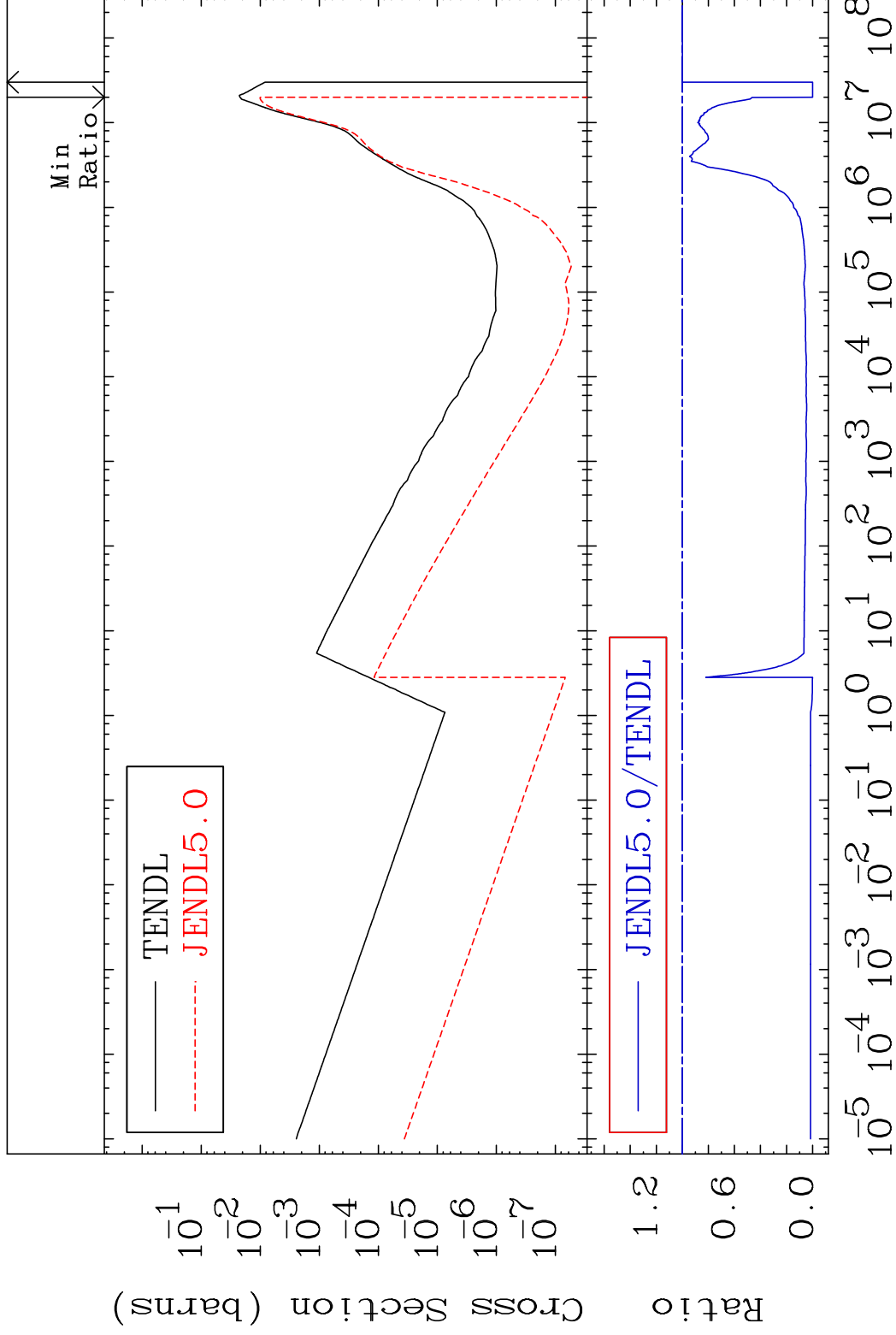
68-Er-160

MAT 6819

(n, α)

68-Er-160

Cross Section -100.0 To 0.000 %



26

Incident Energy (eV)

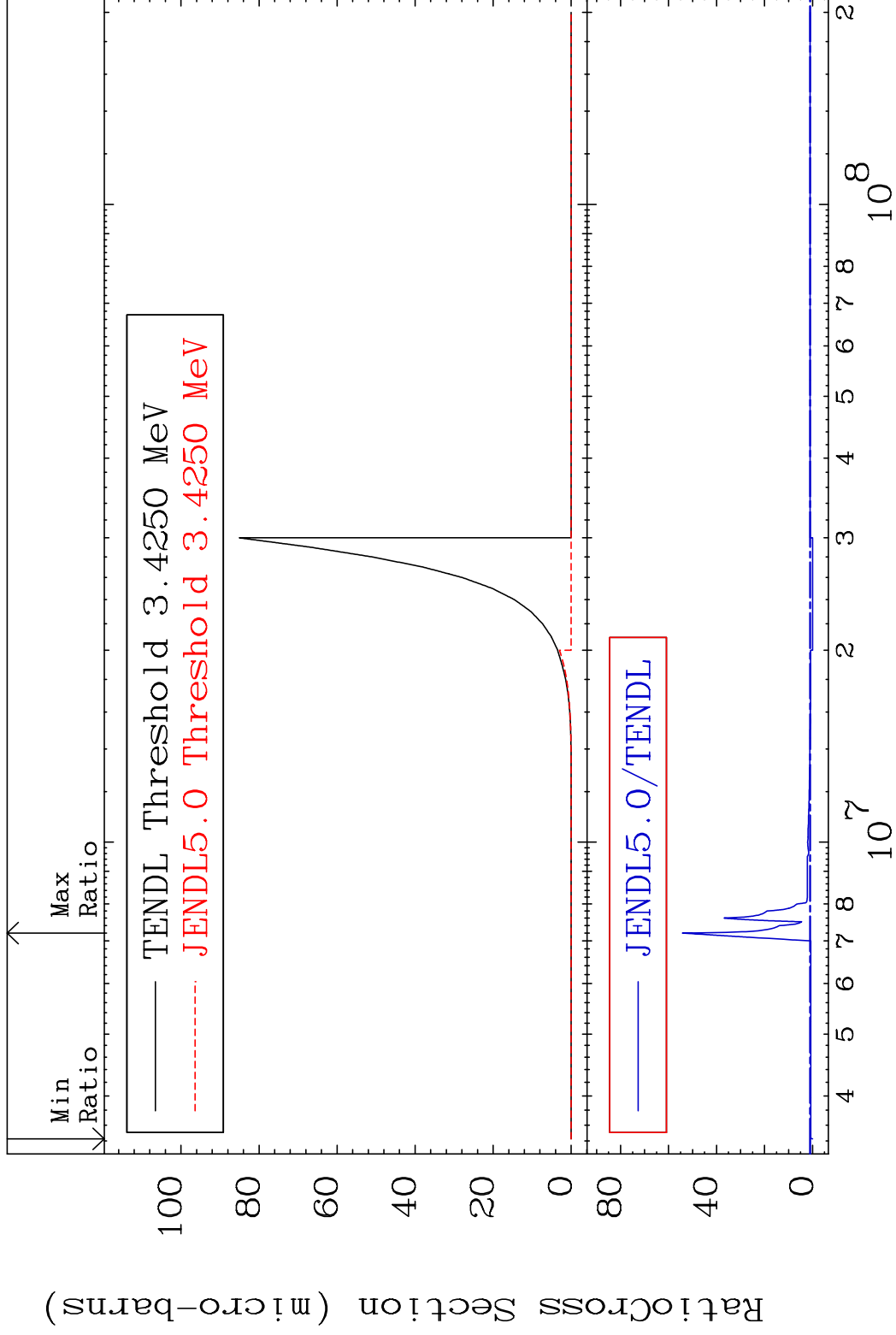
68-Er-160

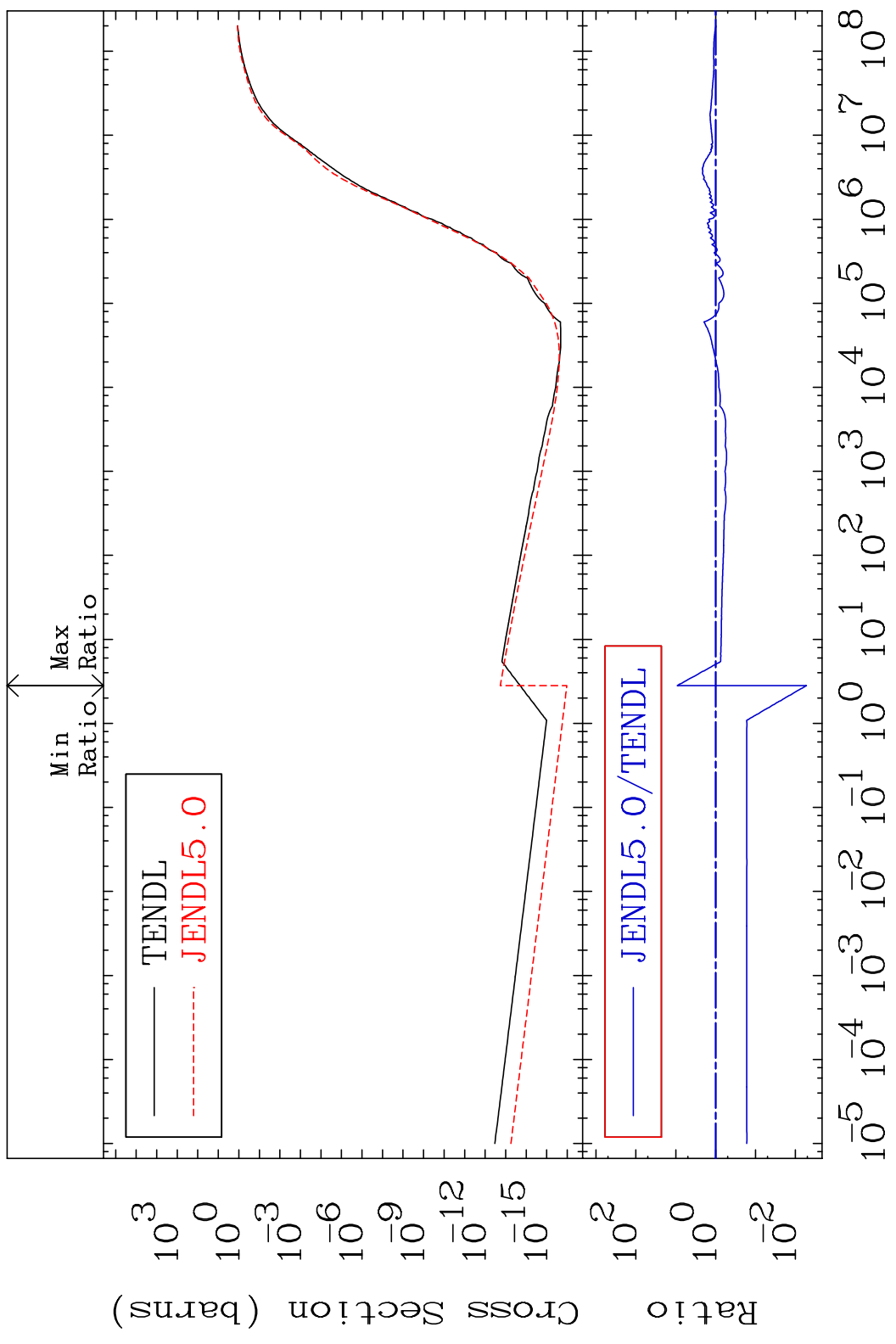
MAT 6819

(n,2p)

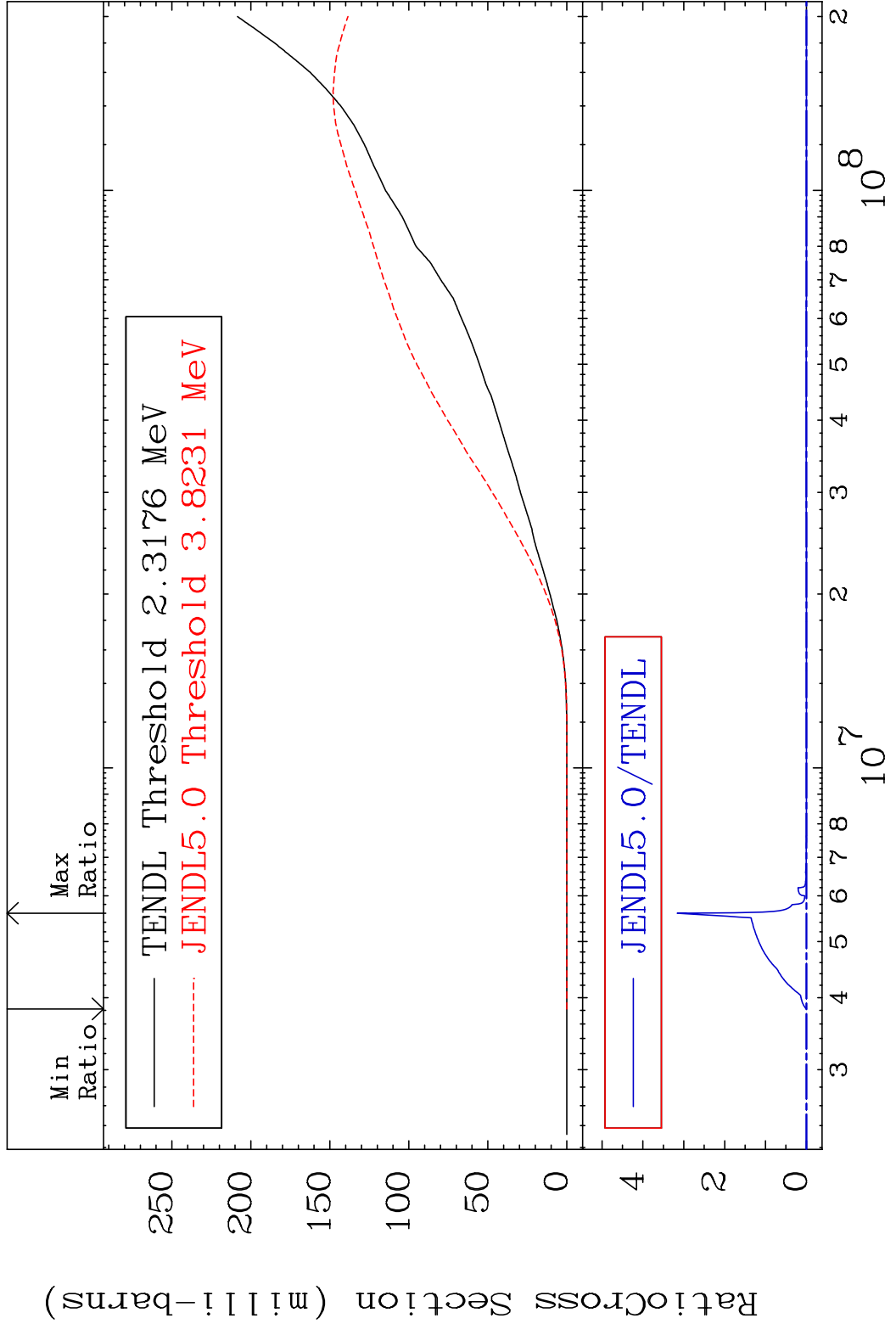
68-Er-160

Cross Section -100.0 To 5326. %





MAT 6819 Deuterium Production 68-Er-160
 Cross Section -100.0 To 9999. %

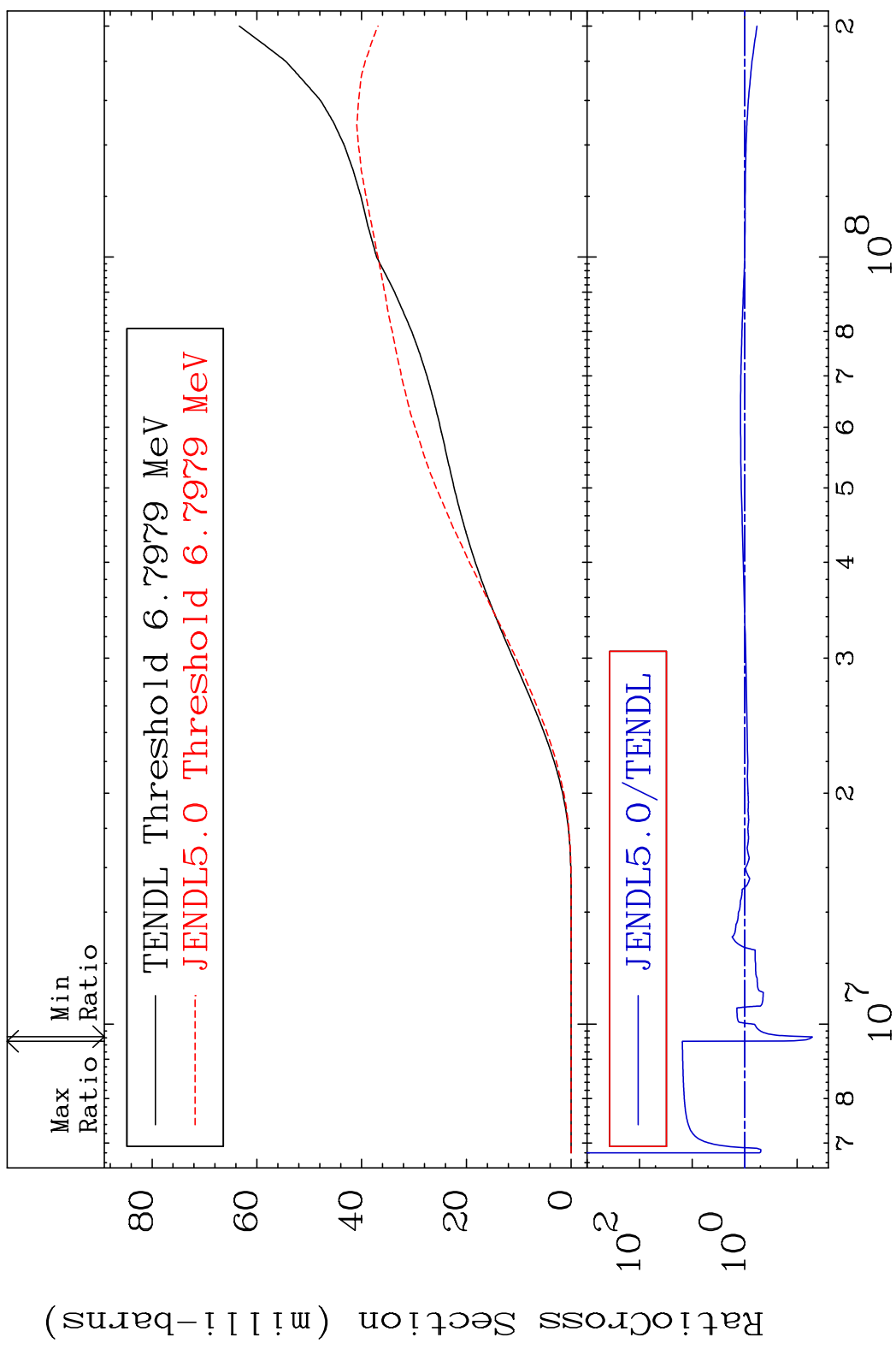


MAT 6819

Tritium Production

68-Er-160

Cross Section -94.92 To 1433. %

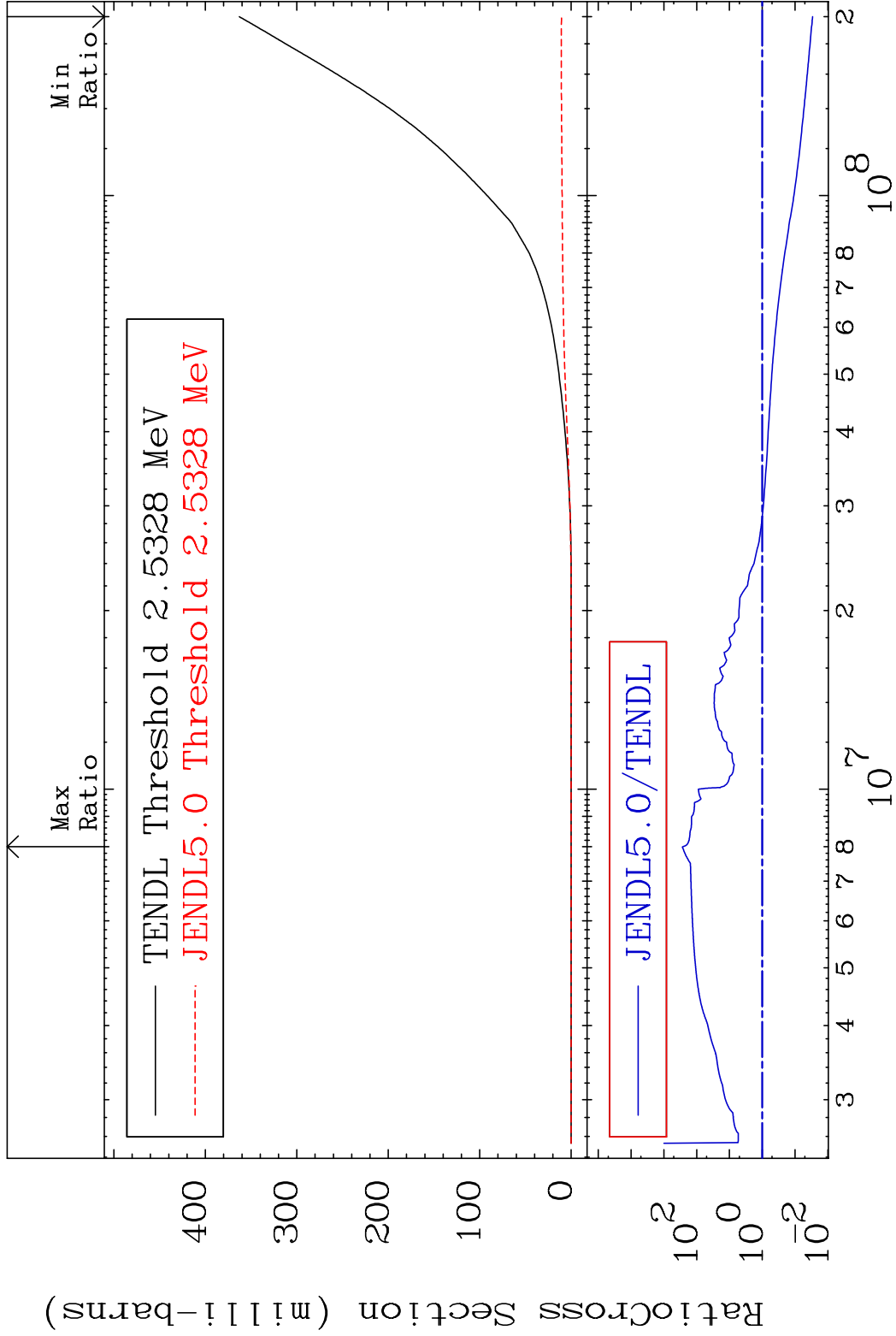


MAT 6819

He-3 Production

68-Er-160

Cross Section -97.08 To 9999. %



31

Incident Energy (eV)

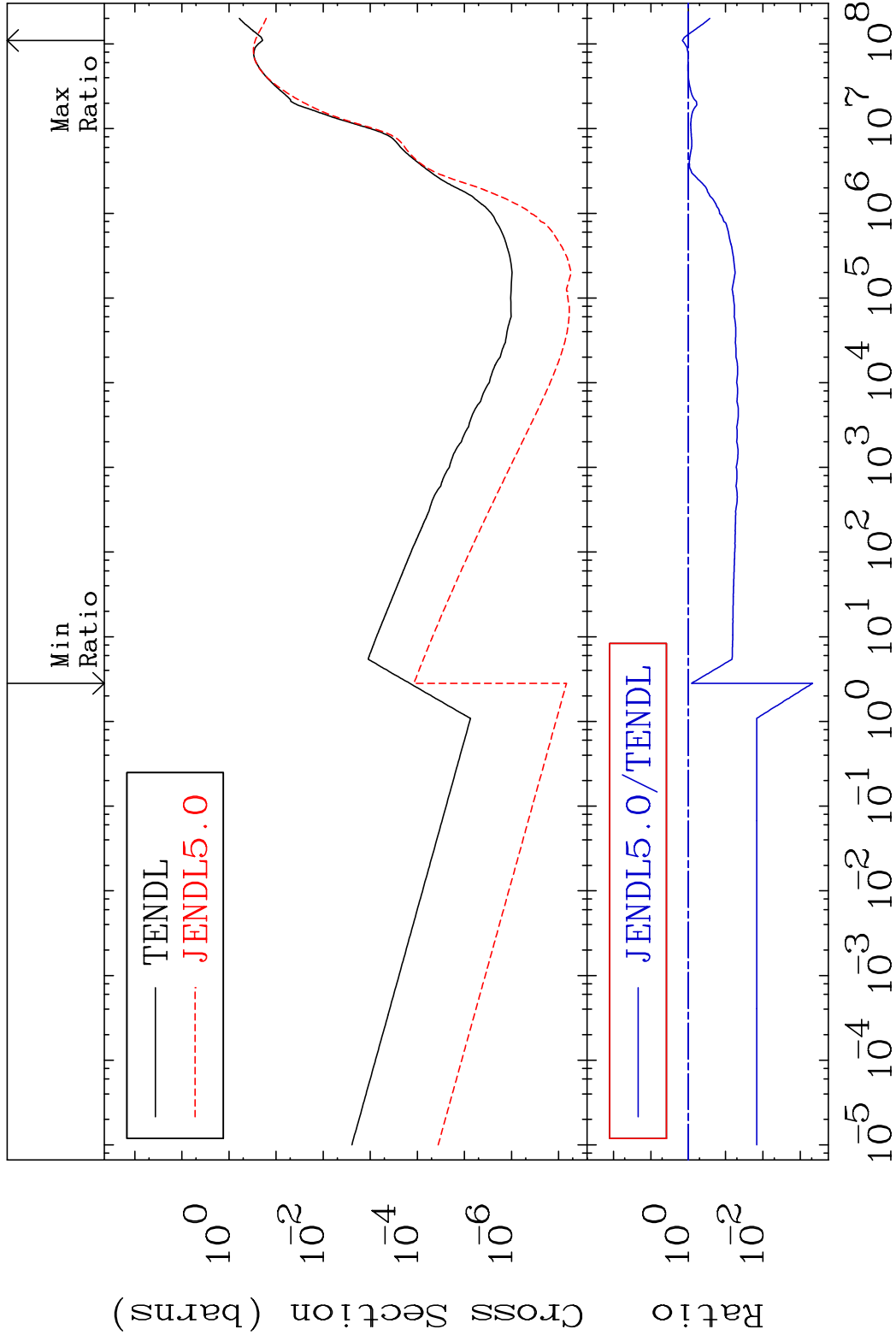
68-Er-160

MAT 6819

He-4 Production

68-Er-160

Cross Section -99.95 To 43.48 %

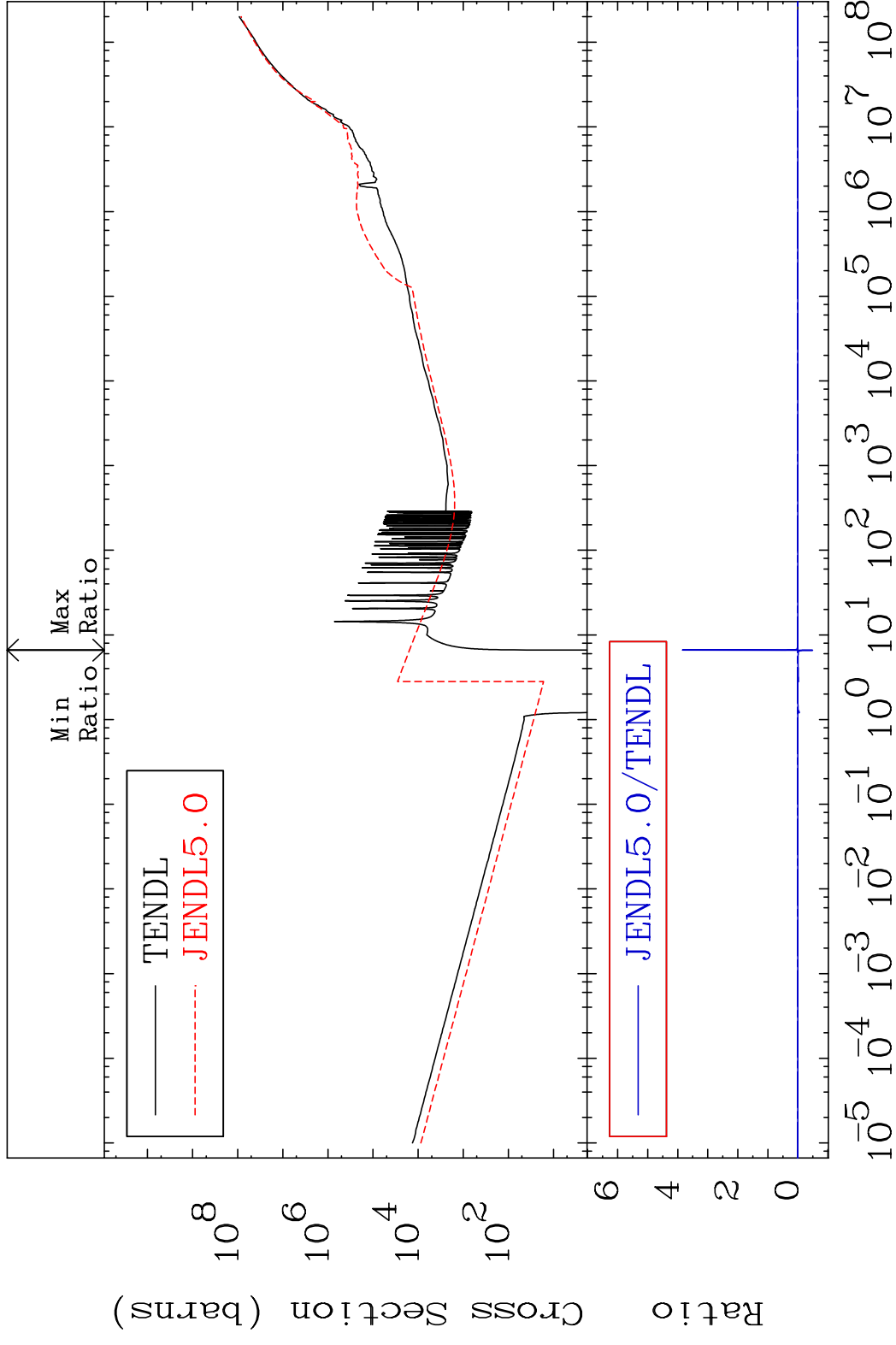


32

Incident Energy (eV)

68-Er-160

MAT 6819 Kerma total (eV-barns) 68-Er-160
 Cross Section -9999. To 9999. %

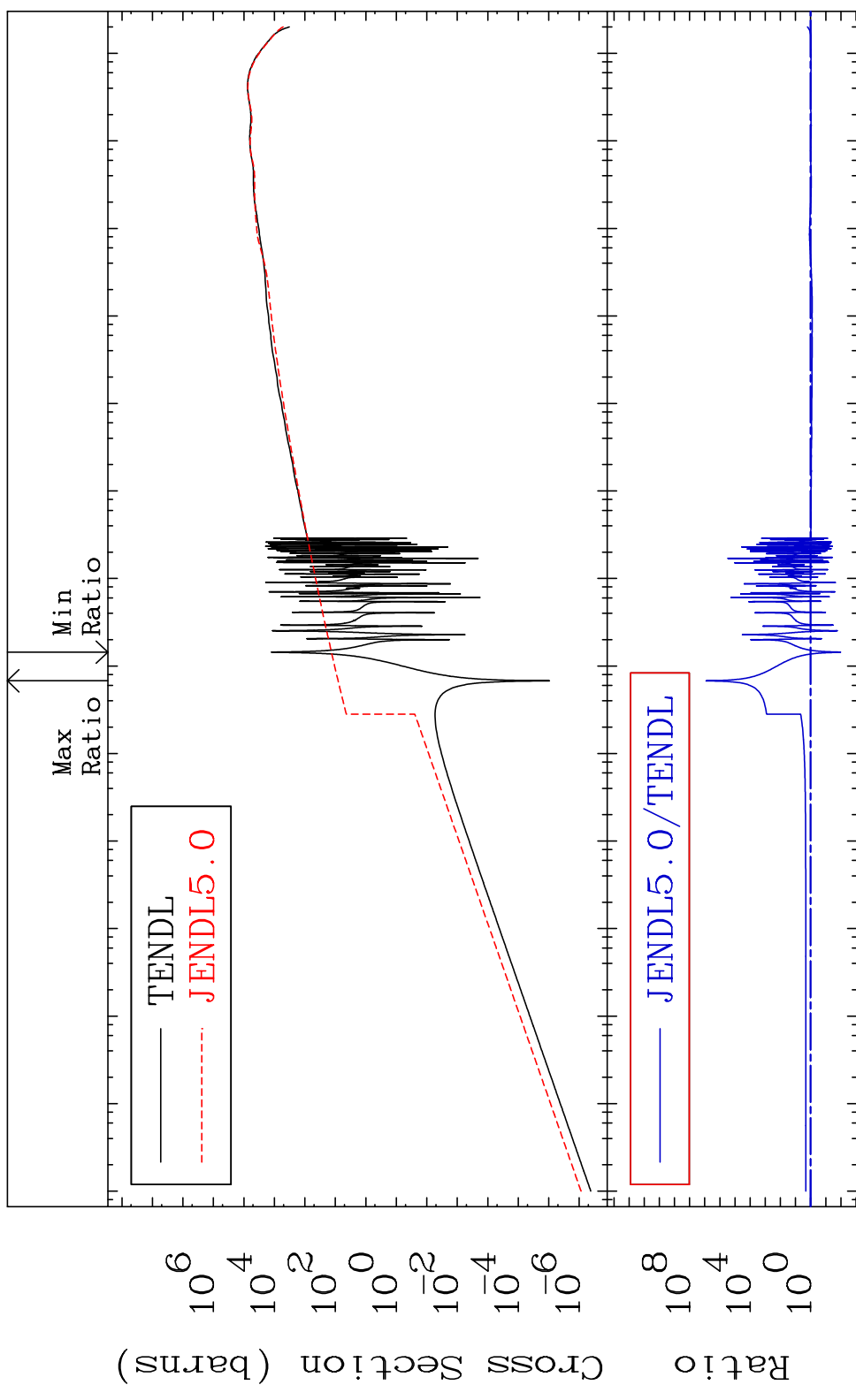


33 Incident Energy (eV) 68-Er-160

MAT 6819

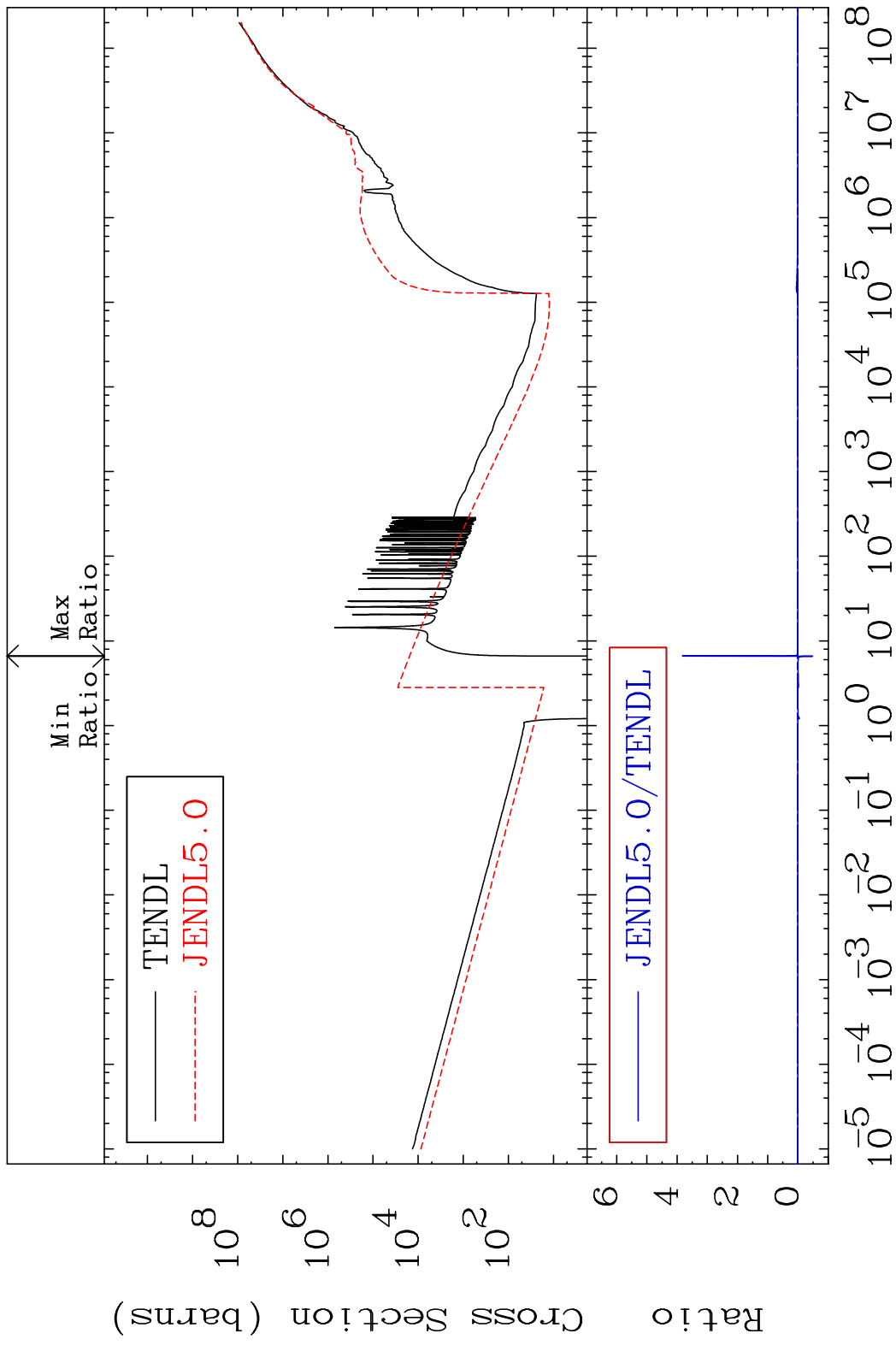
Kerma elastic Cross Section -98.93 To 9999. %

68-Er-160

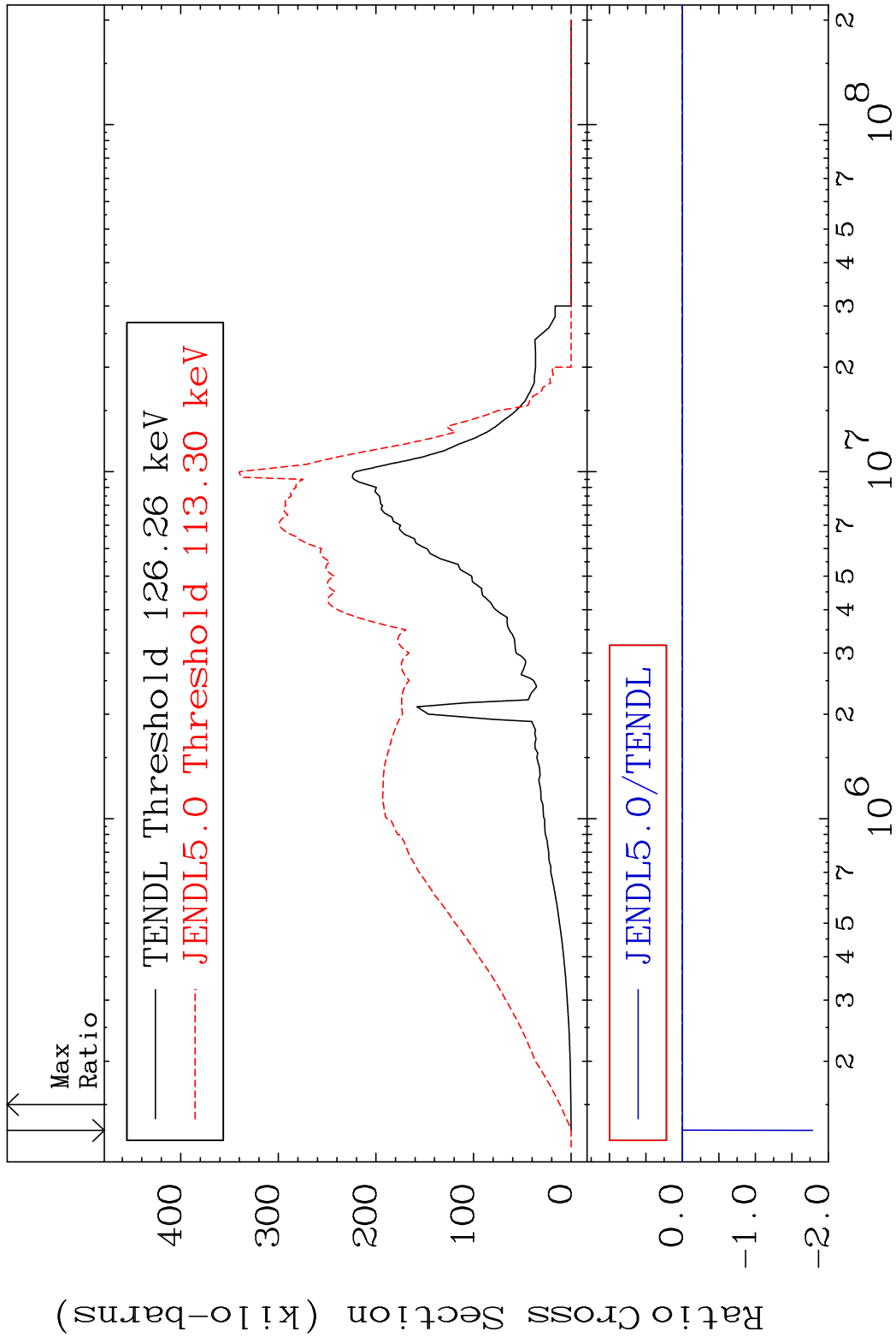


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

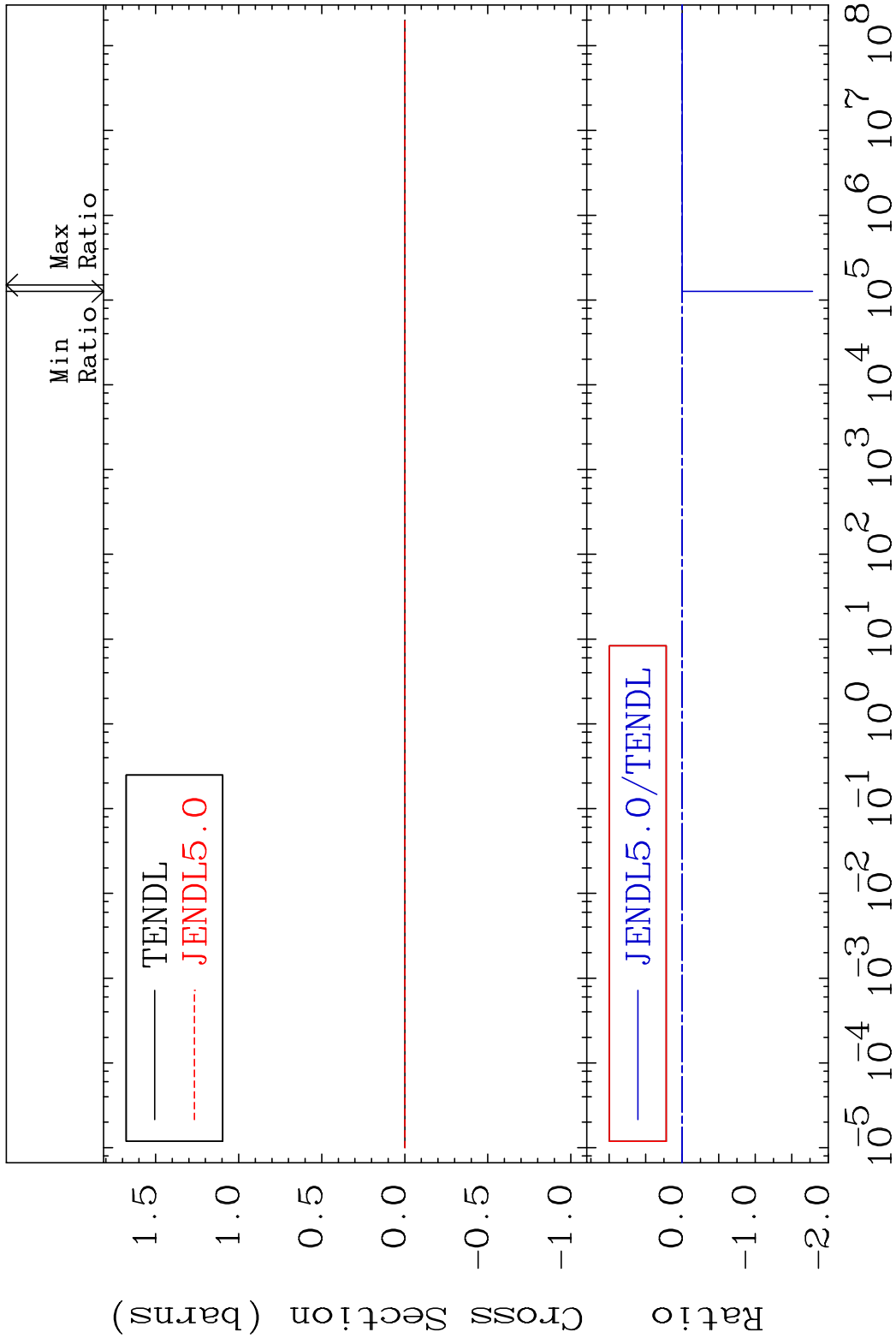
MAT 6819 Kerma non-elastic (all but mt2) 68-Er-160
 Cross Section -9999. To 9999. %



MAT 6819 Kerma inelastic (mt51-91) 68-Er-160
 Cross Section -9999. To 5441. %



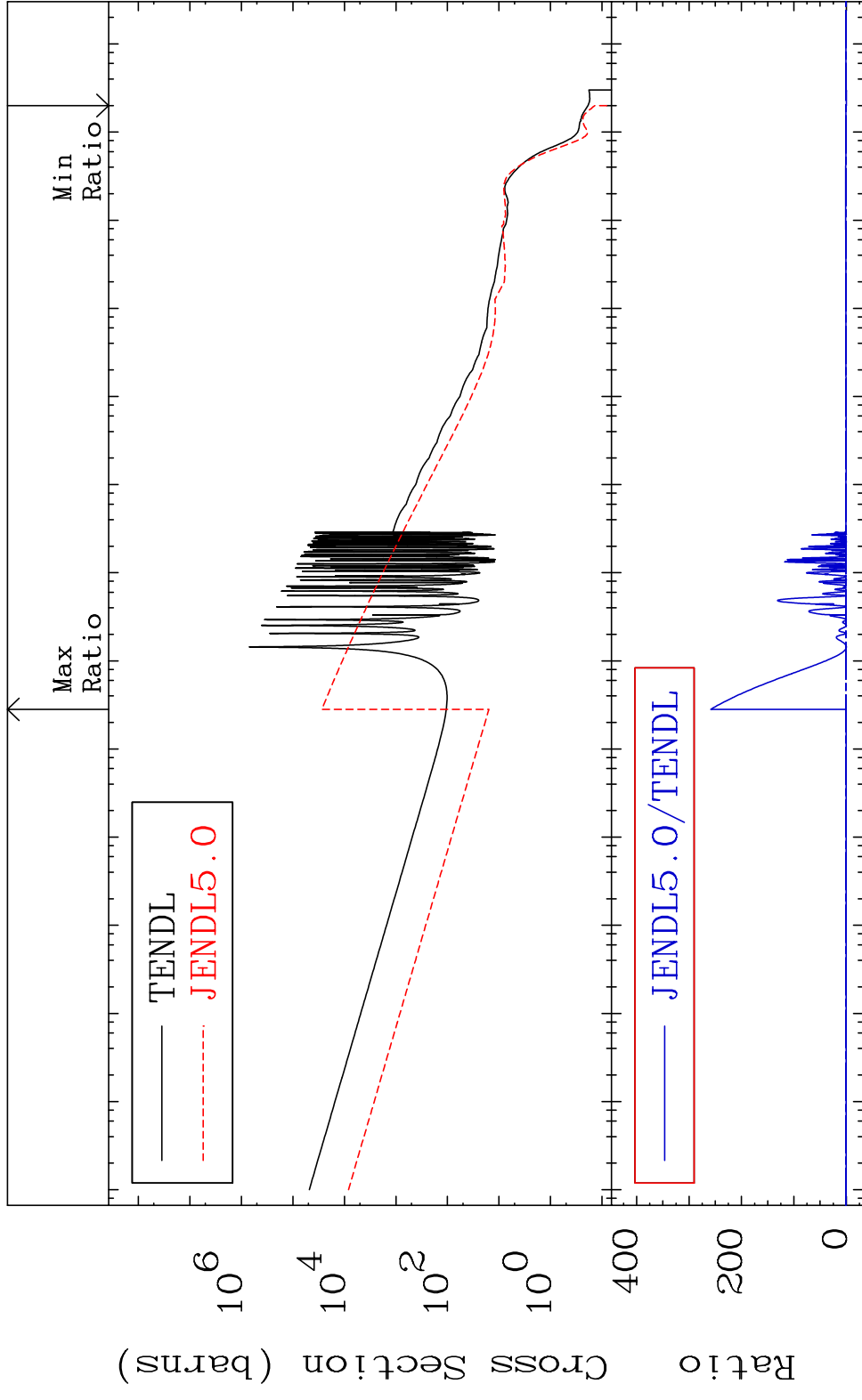
MAT 6819 Kerma fission (mt18 or mt19-20-21-38) 68-Er-160
 Cross Section -9999. To 5441. %



MAT 6819

Kerma capture (mt102) 68-Er-160

Cross Section -100.0 To 9999. %

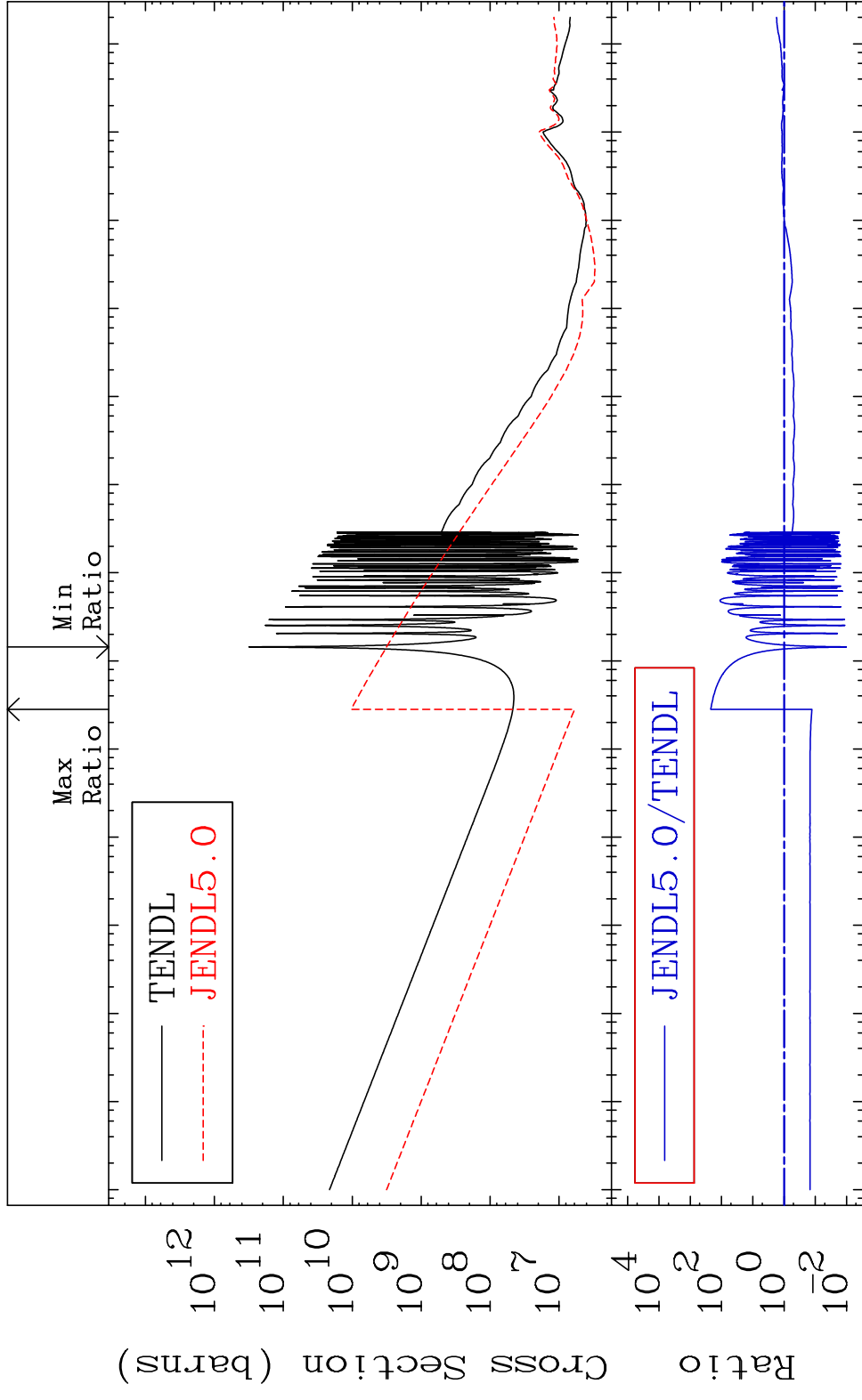


38

Incident Energy (eV)

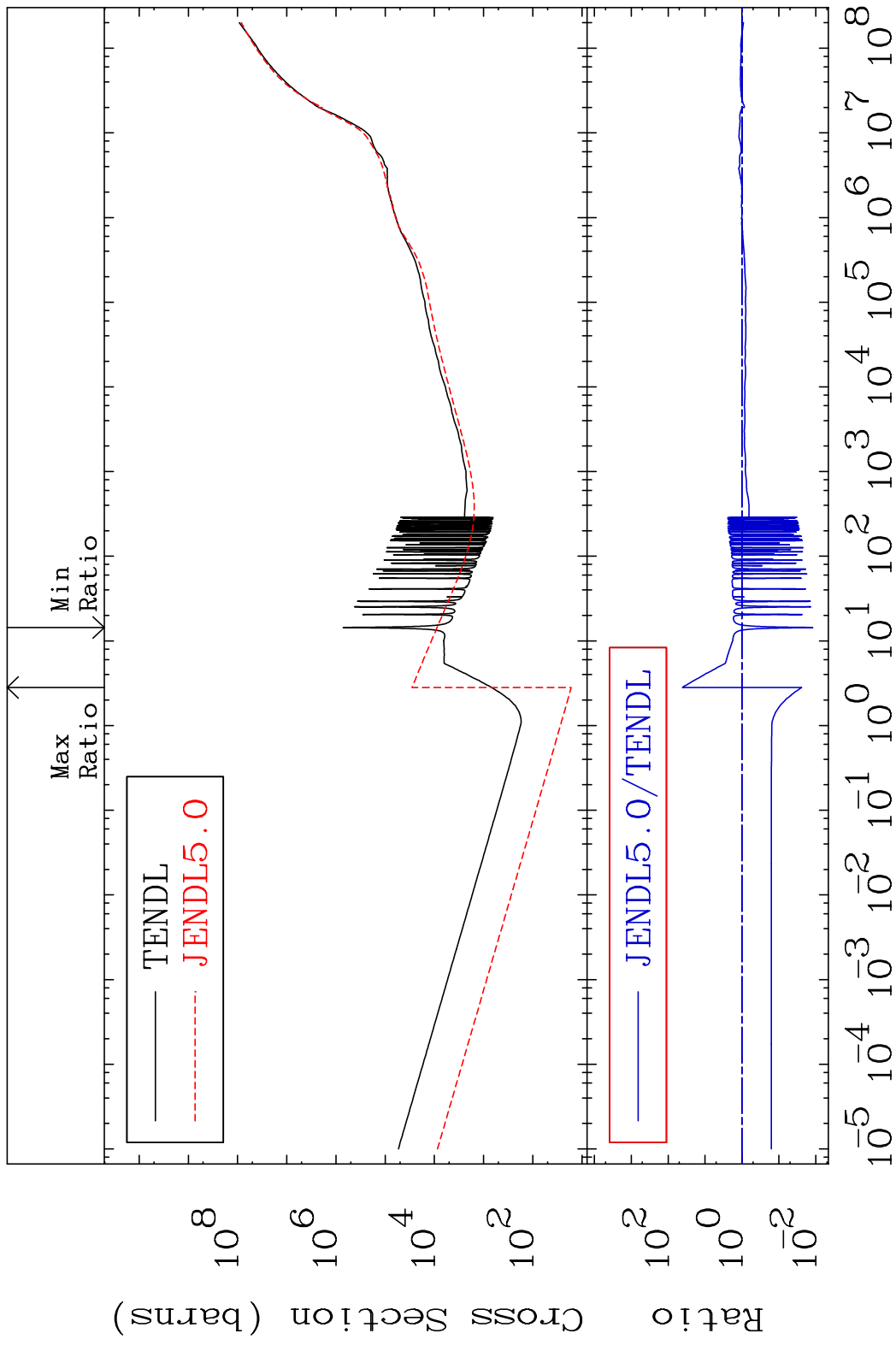
68-Er-160

MAT 6819 Total photon (eV-barns) 68-Er-160
 Cross Section -98.98 To 9999. %

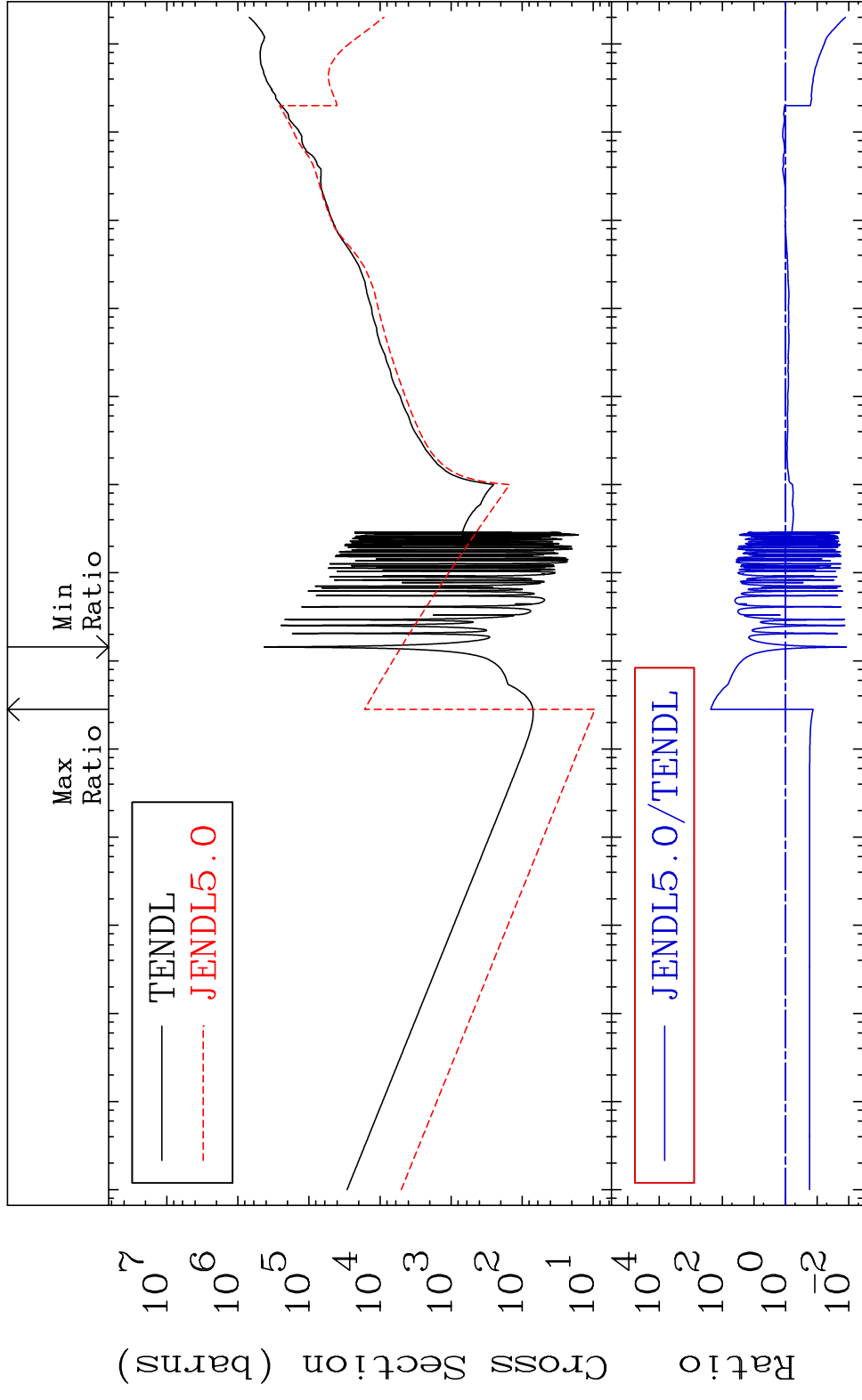


39 Incident Energy (eV) 68-Er-160

MAT 6819 Total kinematic kerma (high limit) 68-Er-160
 Cross Section -98.78 To 4020. %



MAT 6819 Dpa total (eV-barns) 68-Er-160
 Cross Section -98.82 To 9999. %

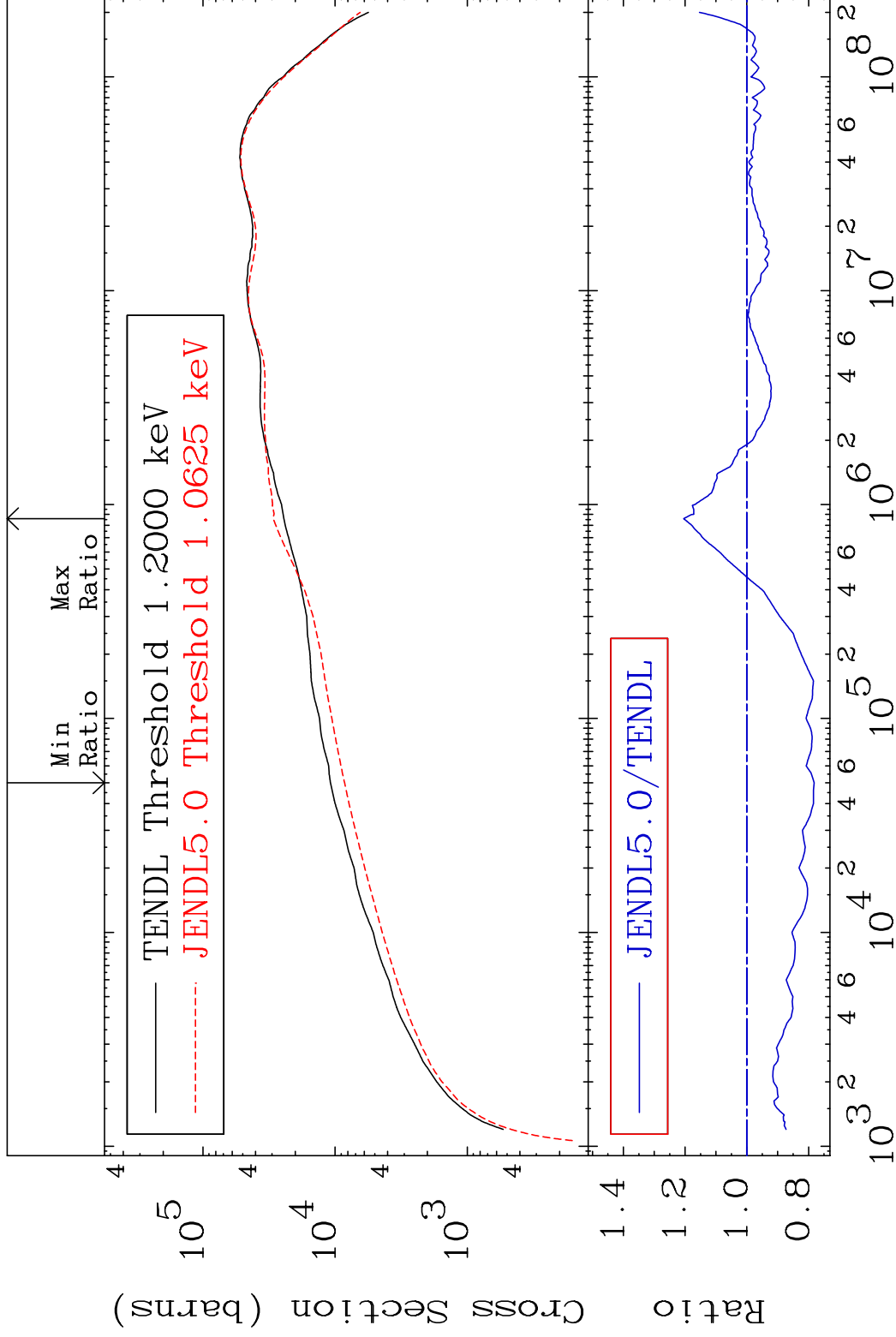


MAT 6819

Dpa elastic (mt2)

68-Er-160

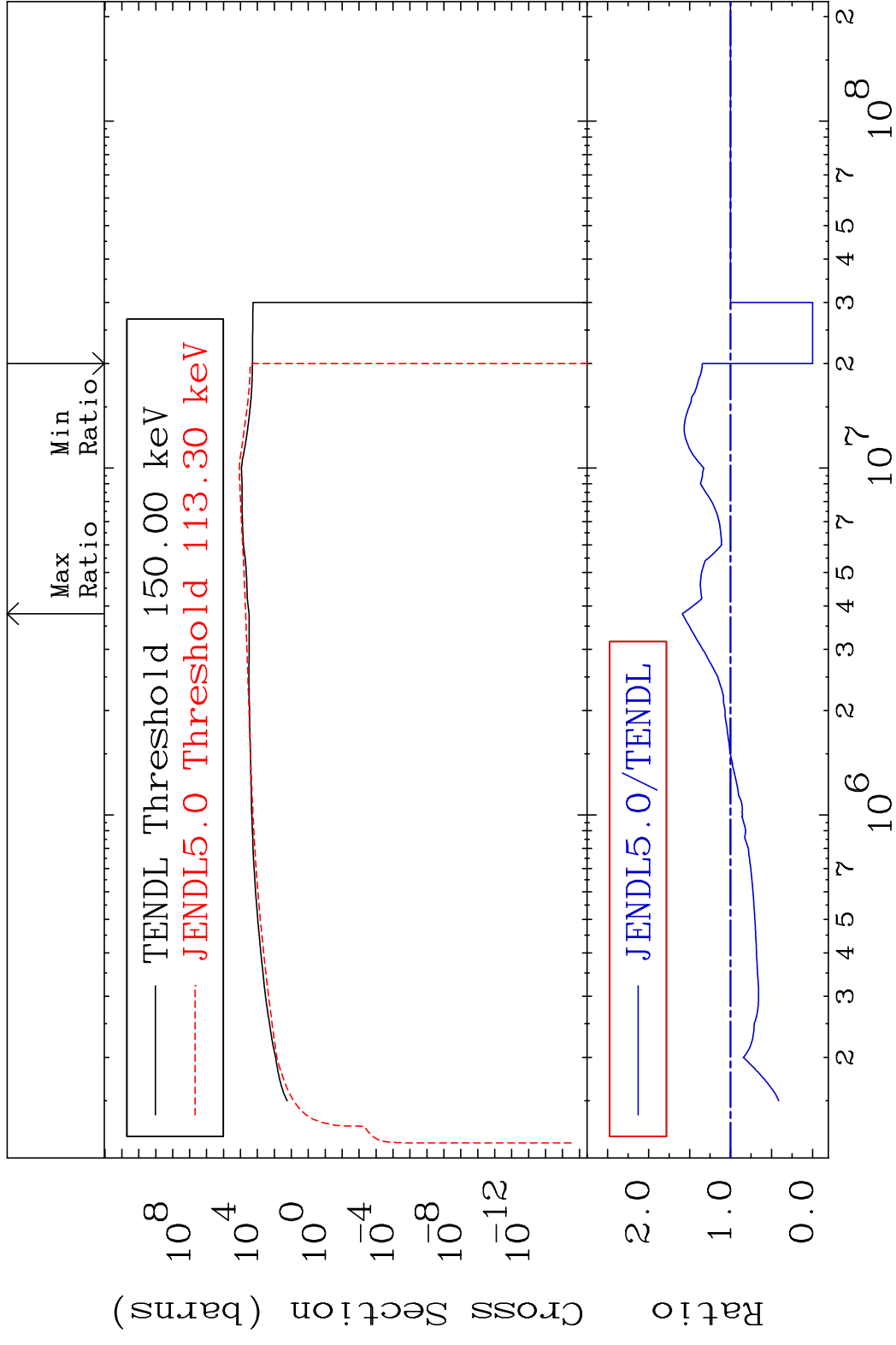
Cross Section -21.79 To 20.47 %



42

Incident Energy (eV)

68-Er-160



MAT 6819 Dpa disappearance (mt102 -120) 68-Er-160
 Cross Section -100.0 To 9999. %

