

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

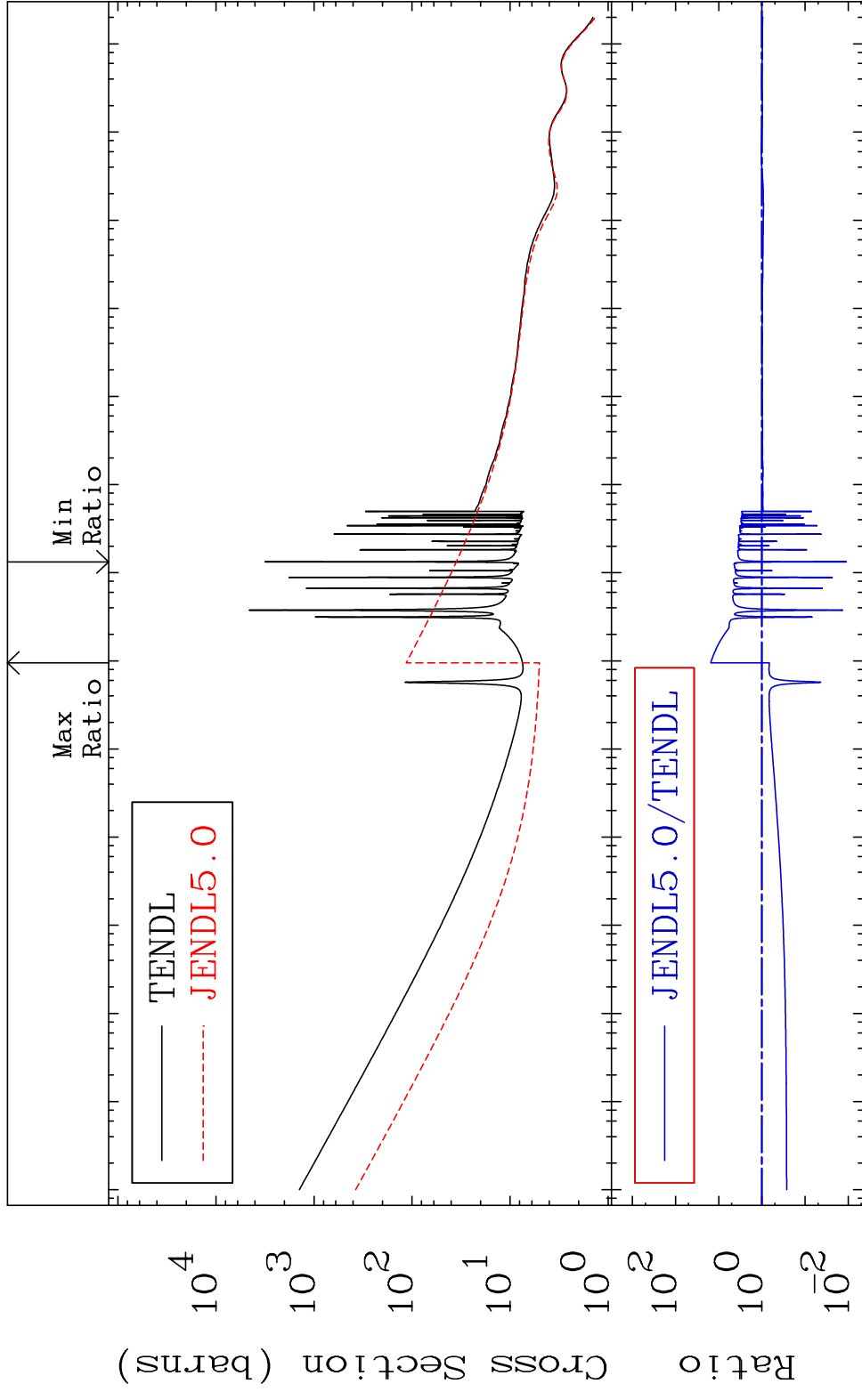
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 3628

Total Cross Section -98.89 To 1432. %
36-Kr-79



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

Ratio
Cross Section (barns)

1 Incident Energy (eV) 36-Kr-79

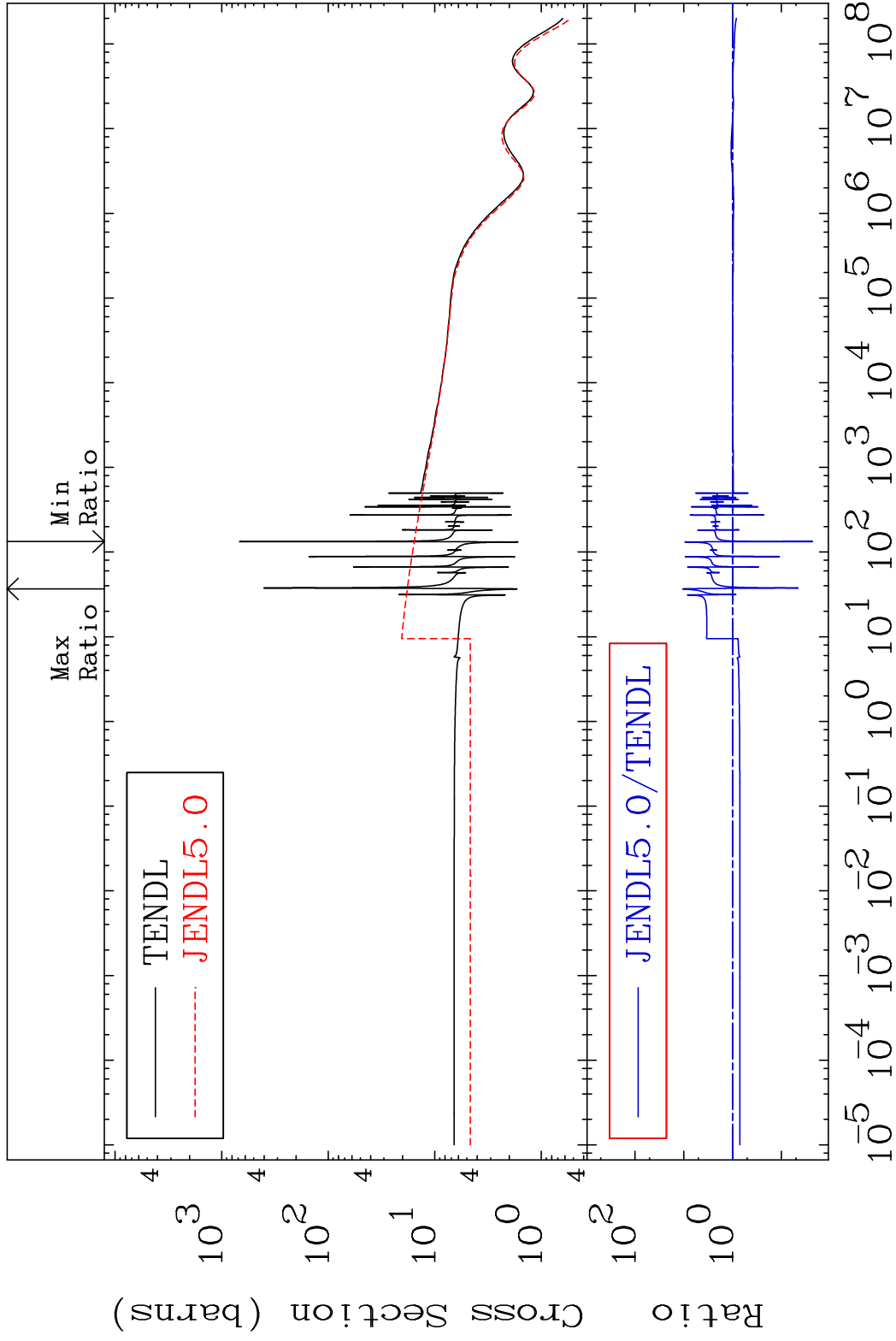
MAT 3628

Elastic

36-Kr-79

Cross Section

-97.72 To 966.3 %

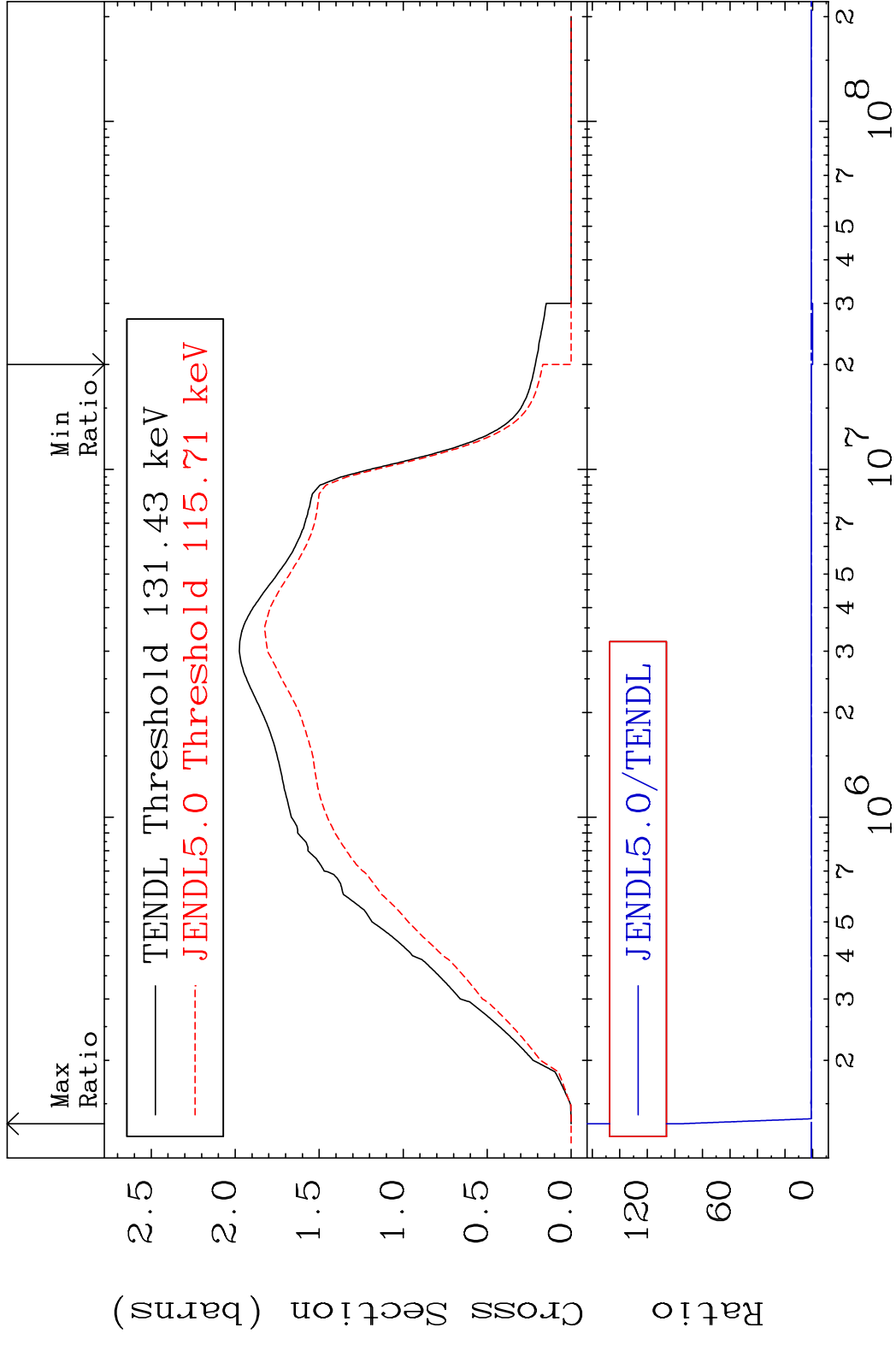


2

Incident Energy (eV)

36-Kr-79

MAT 3628 Inelastic 36-Kr-79
 Cross Section -100.0 To 9356. %

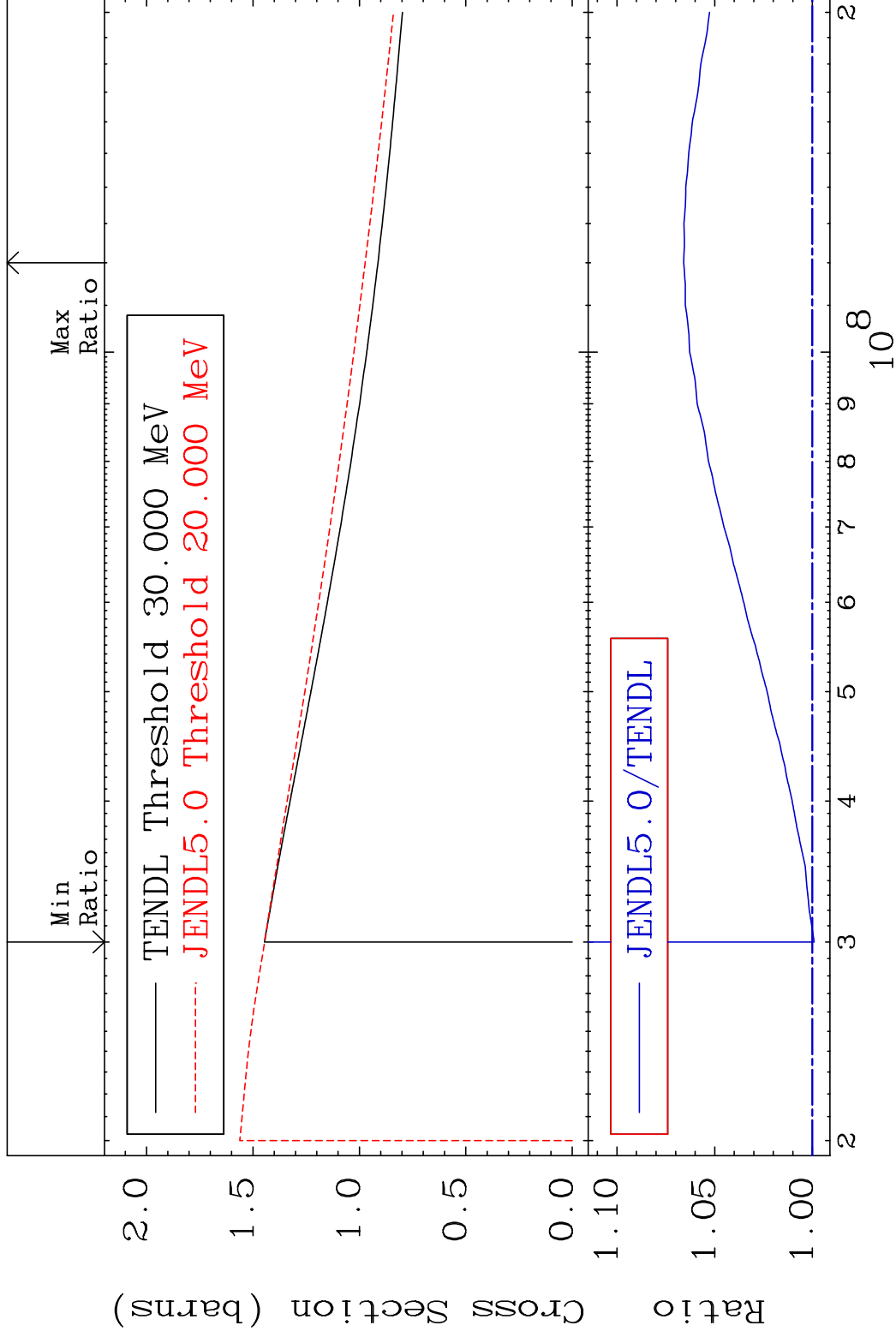


MAT 3628

(n, remainder)

36-Kr-79

Cross Section -0.087 To 6.587 %



4

Incident Energy (eV)

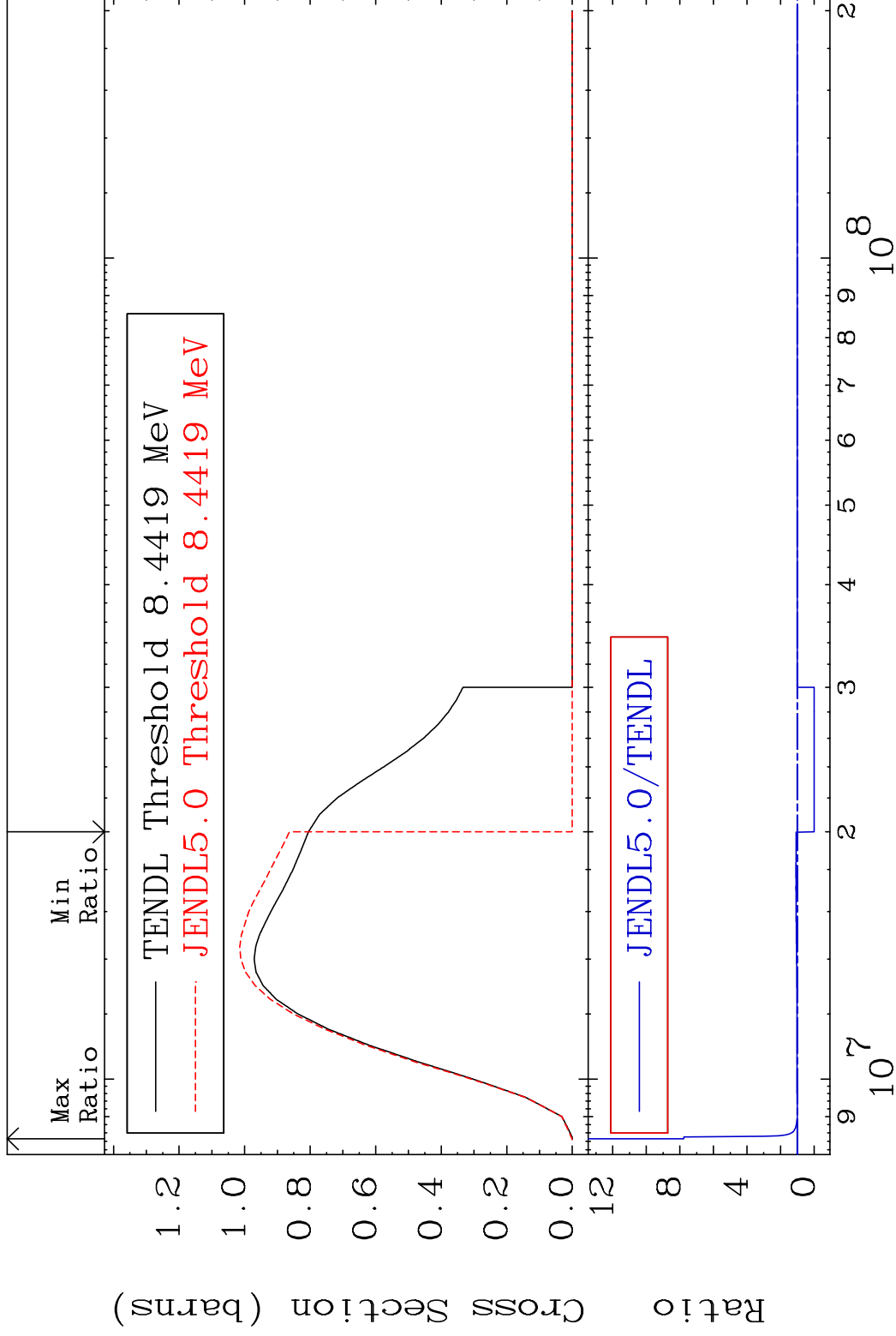
36-Kr-79

MAT 3628

(n,2n)

36-Kr-79

Cross Section -100.0 To 677.2 %

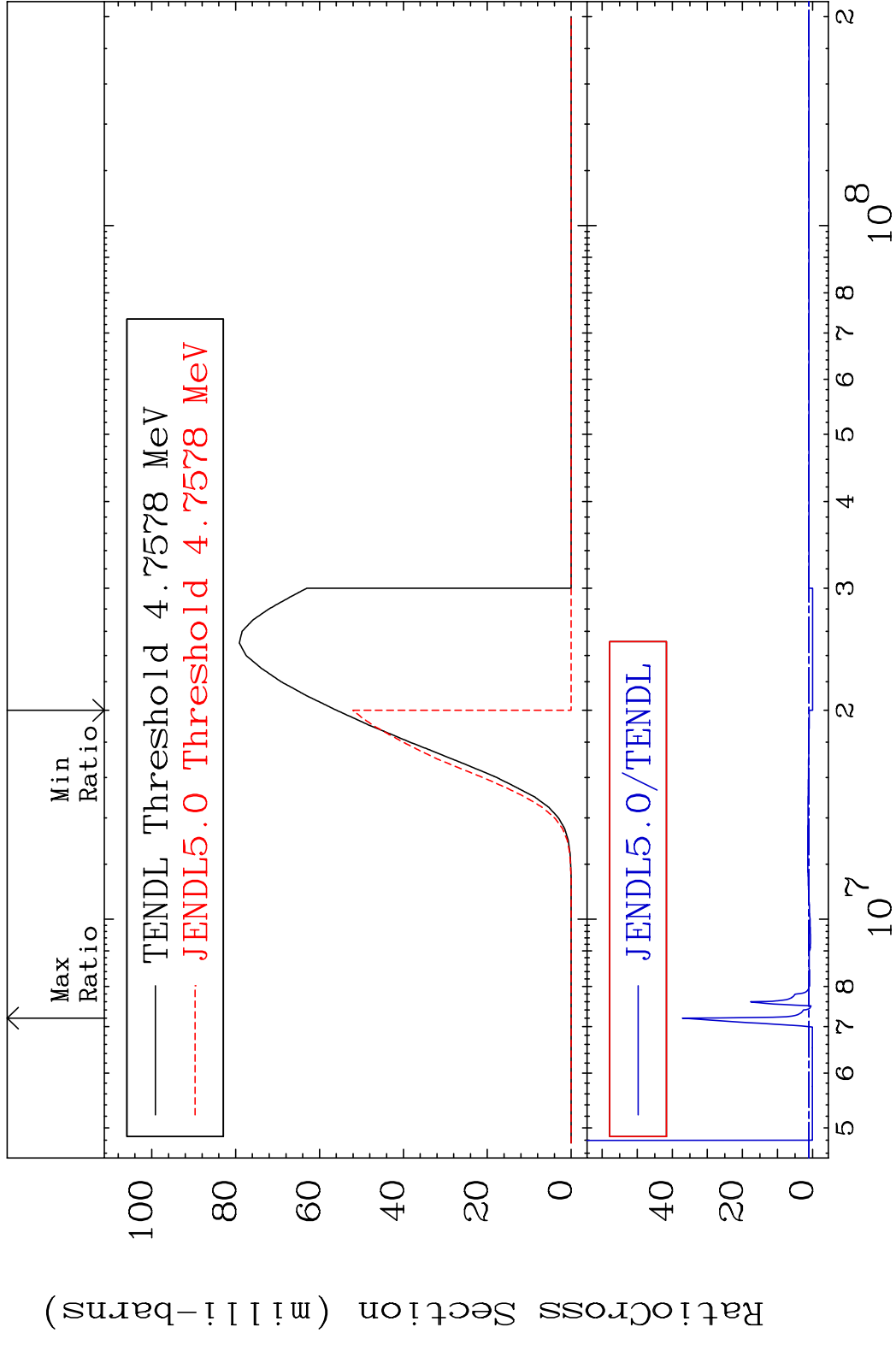


5

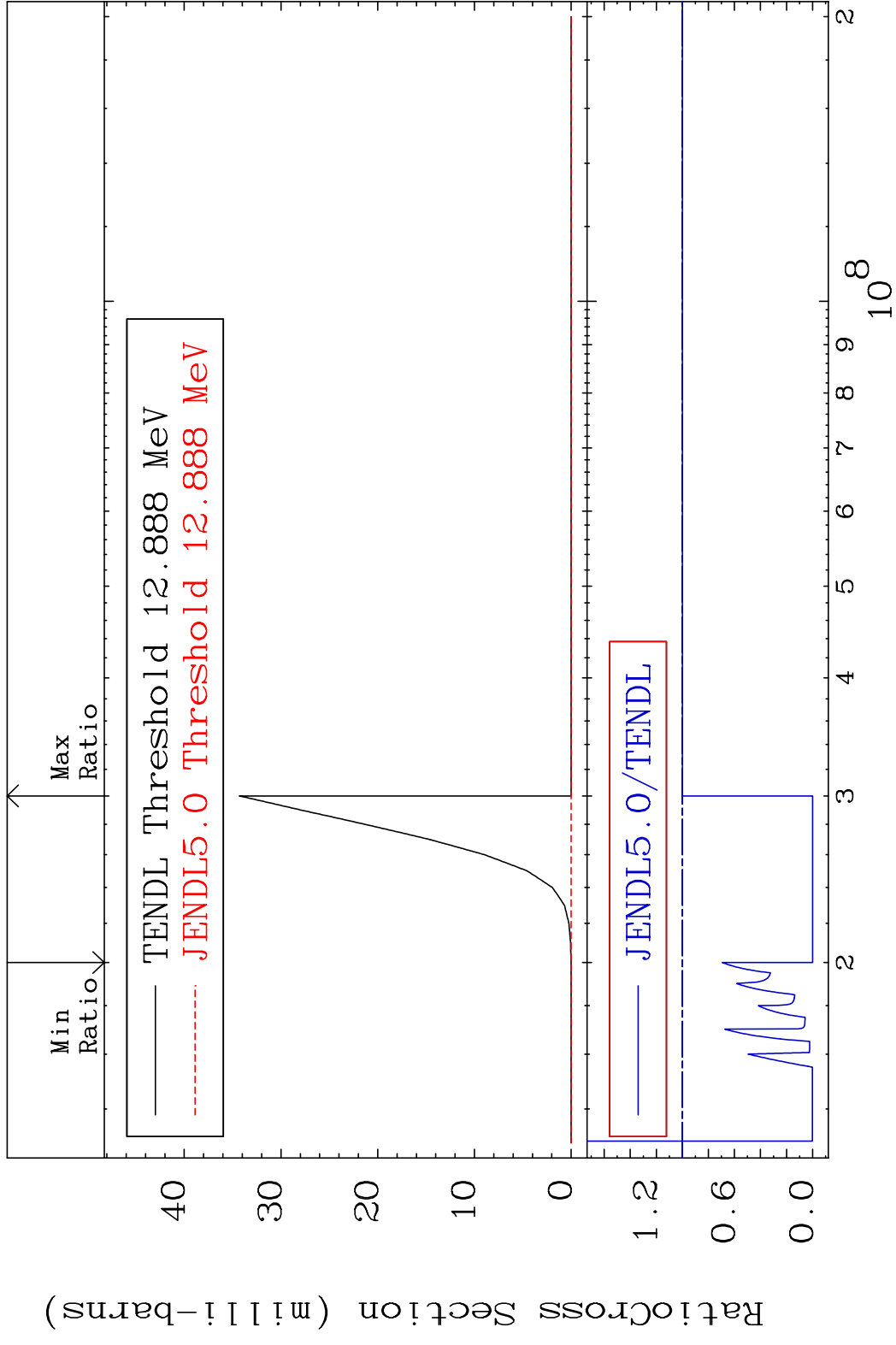
Incident Energy (eV)

36-Kr-79

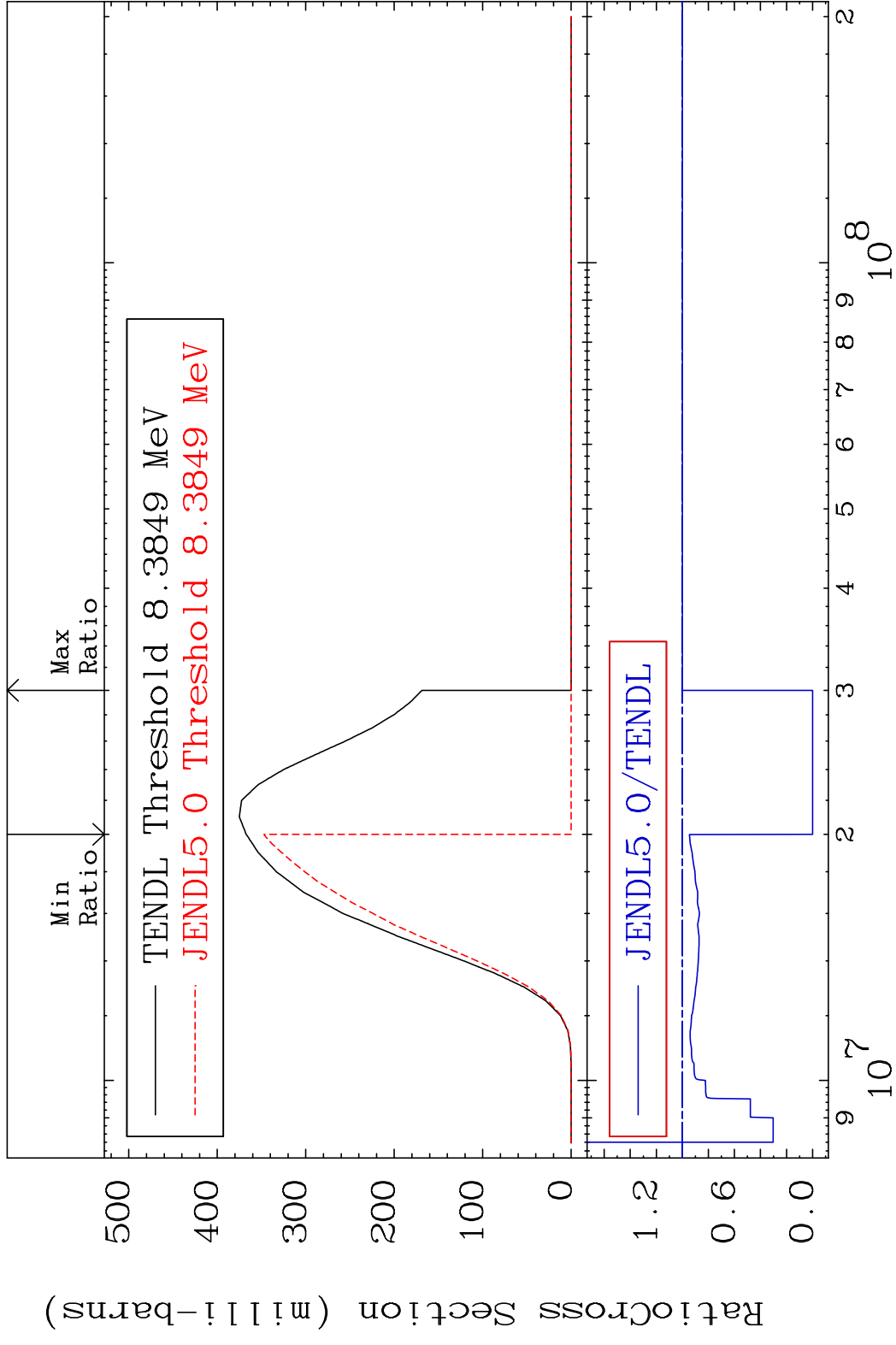
MAT 3628 (n, n') α 36-Kr-79
 Cross Section -100.0 To 3613. %



MAT 3628 (n,2n) α 36-Kr-79
 Cross Section -100.0 To 0.000 %

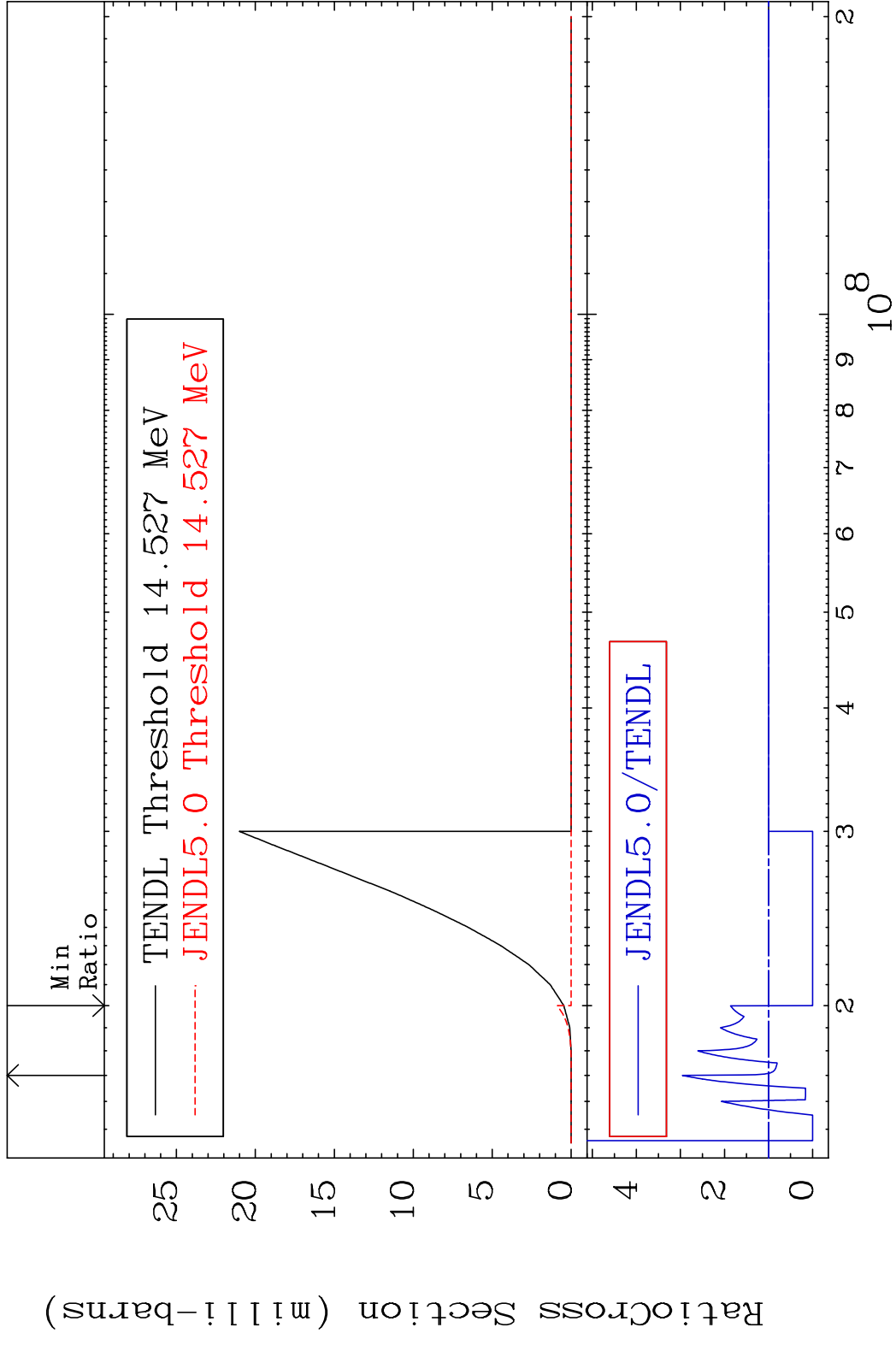


MAT 3628 (n, n') p 36-Kr-79
 Cross Section -100.0 To 0.000 %

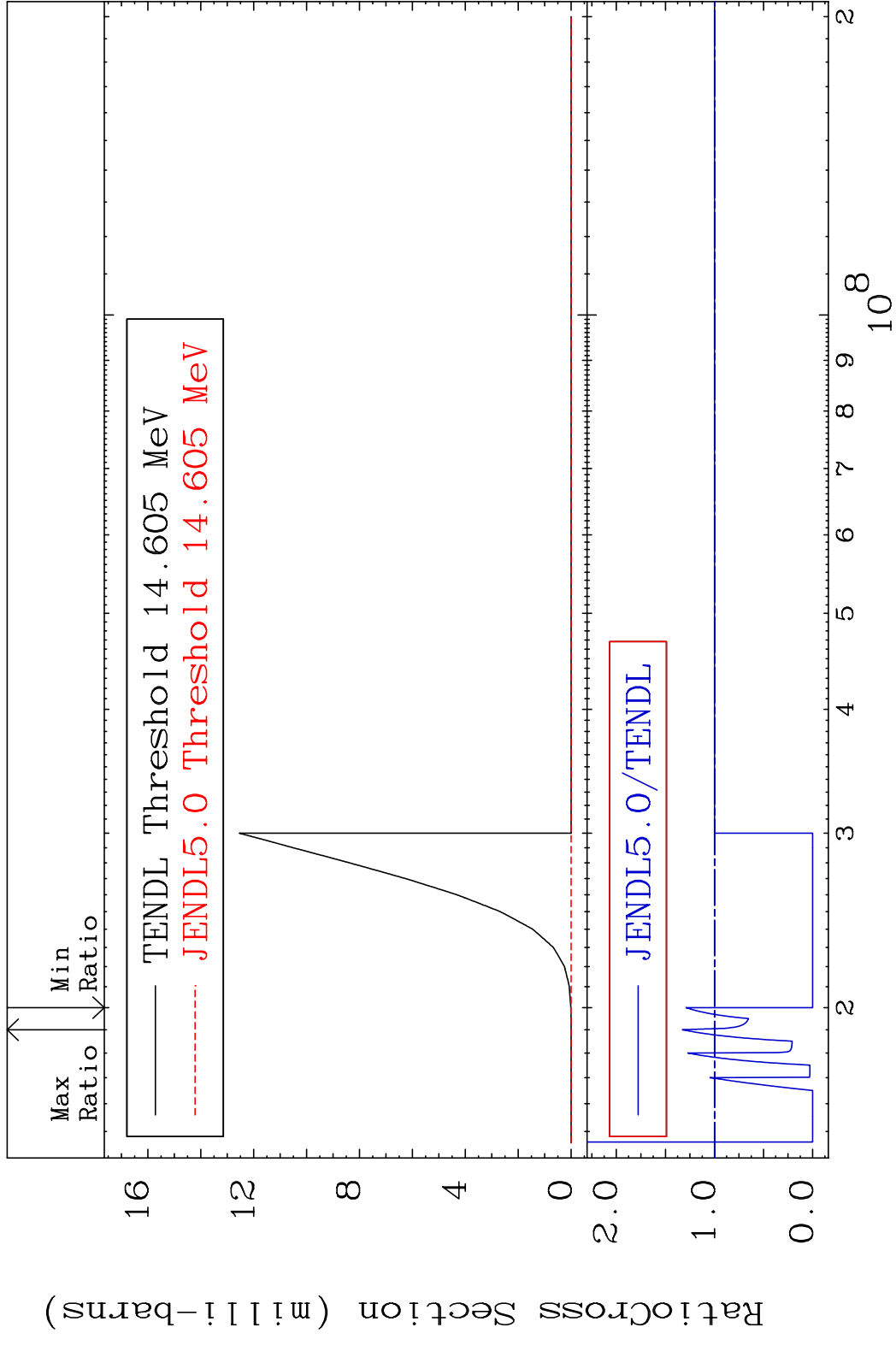


8 Incident Energy (eV) 36-Kr-79

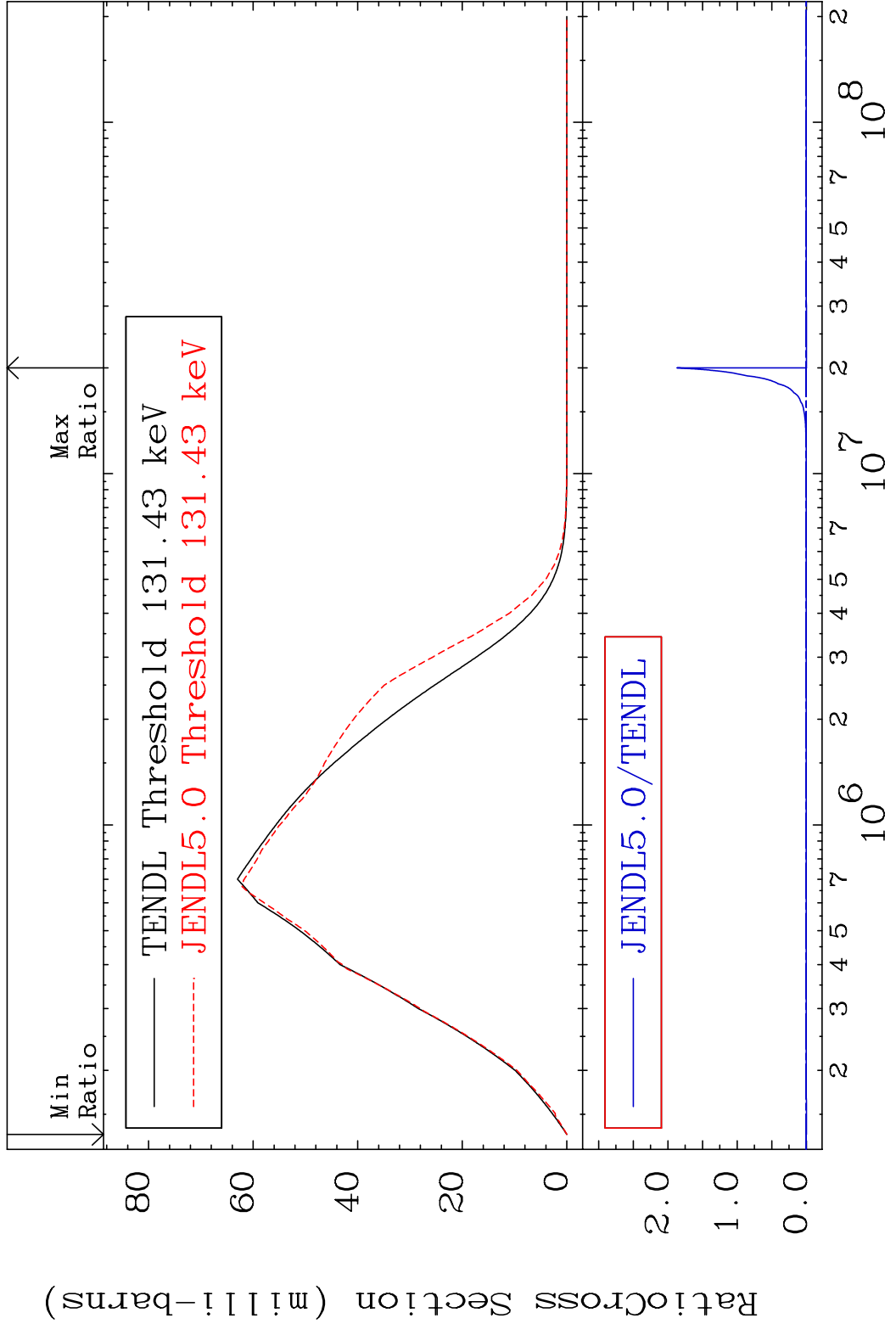
MAT 3628 (n, n') d 36-Kr-79
 Cross Section -100.0 To 195.6 %



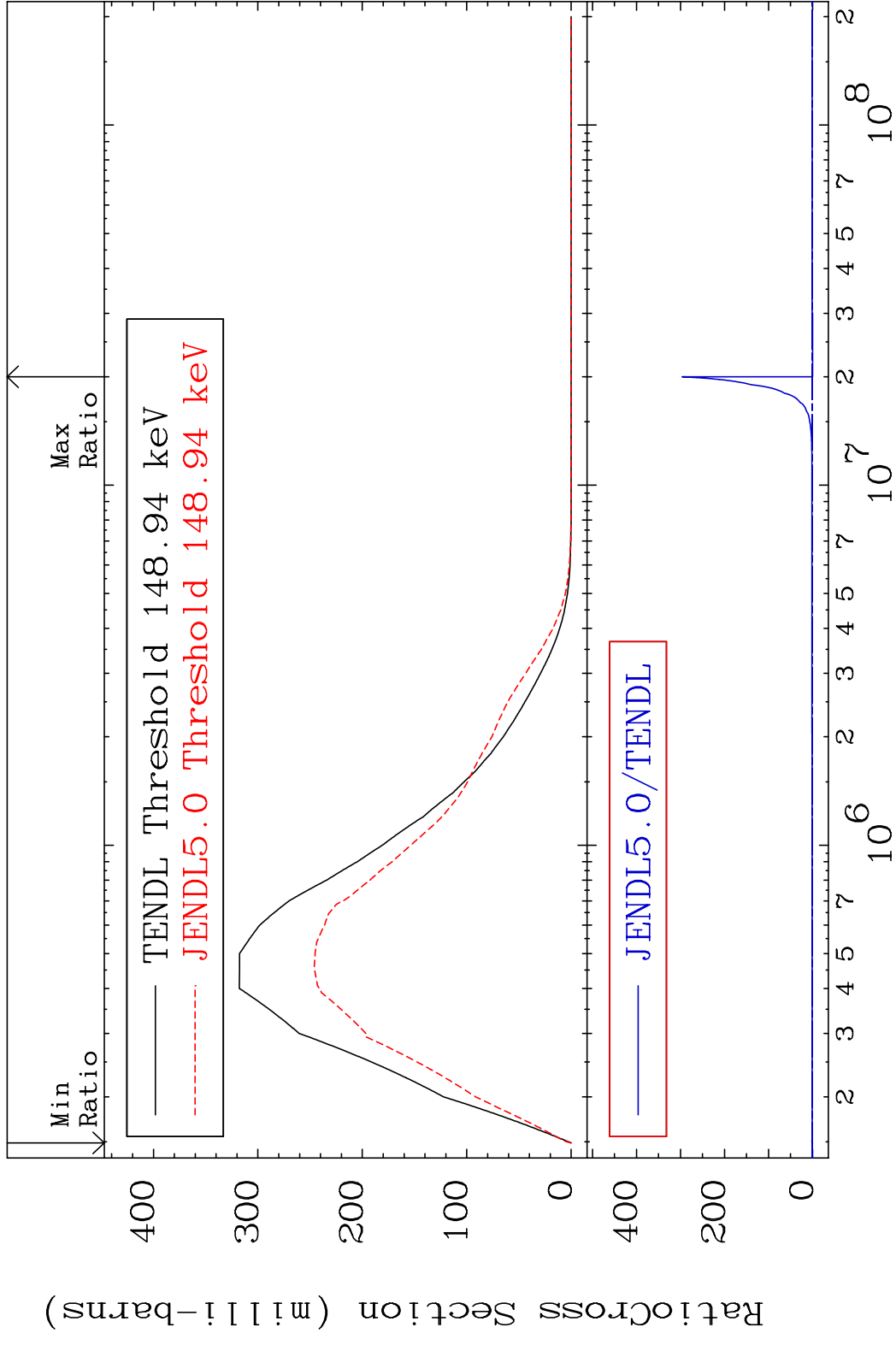
MAT 3628 (n,2n) p 36-Kr-79
 Cross Section -100.0 To 32.72 %



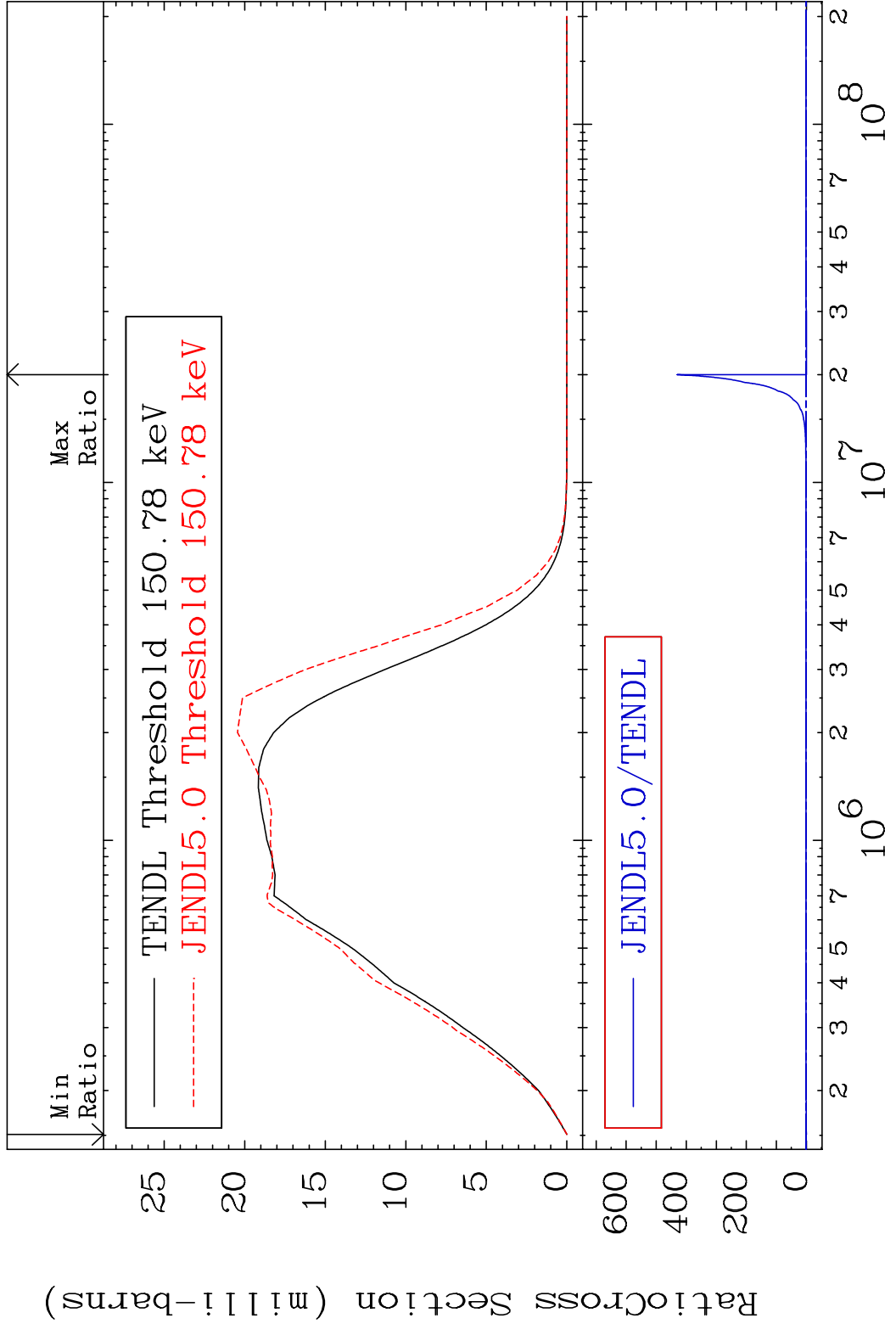
MAT 3628 MT= 51 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



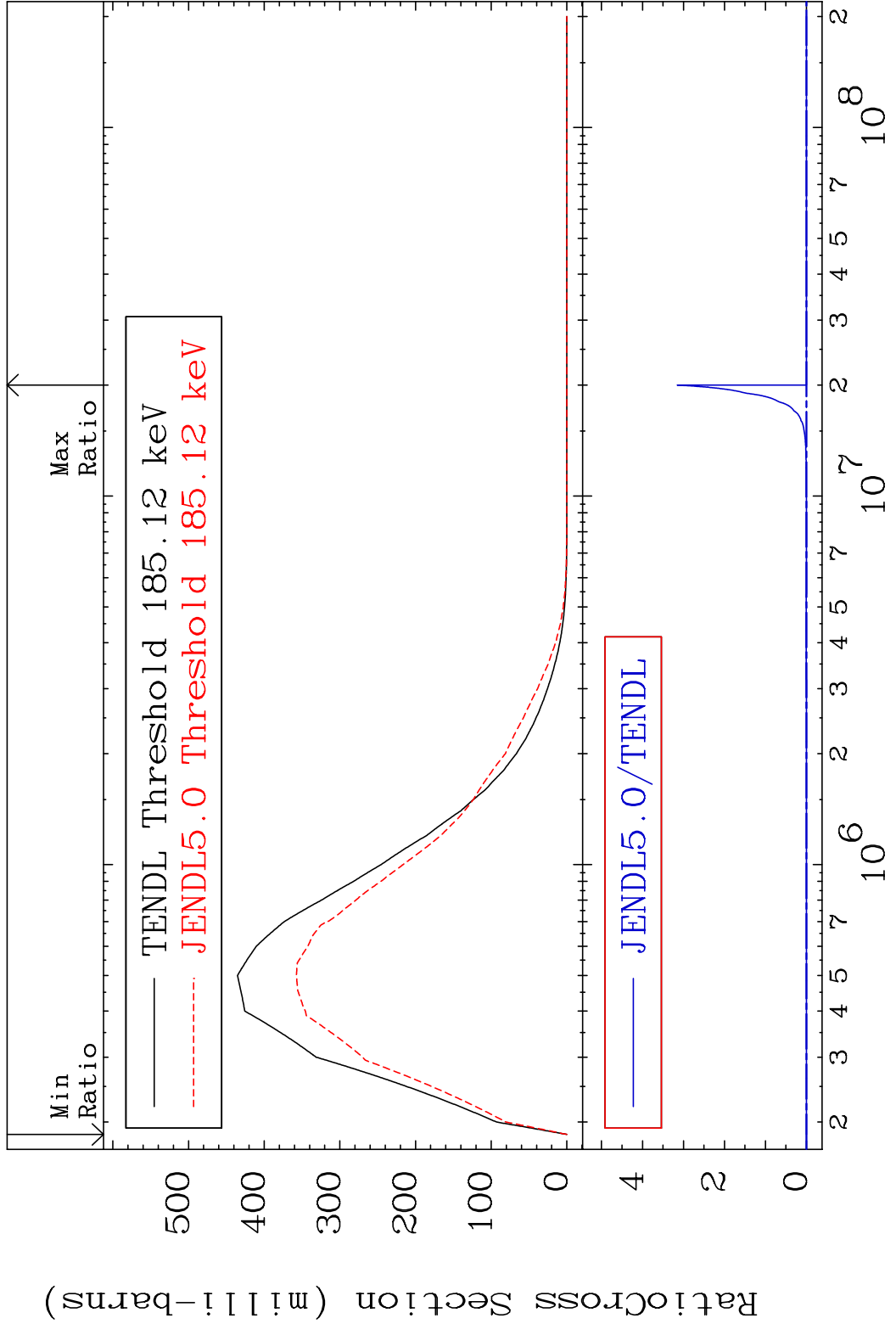
MAT 3628 MT= 52 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



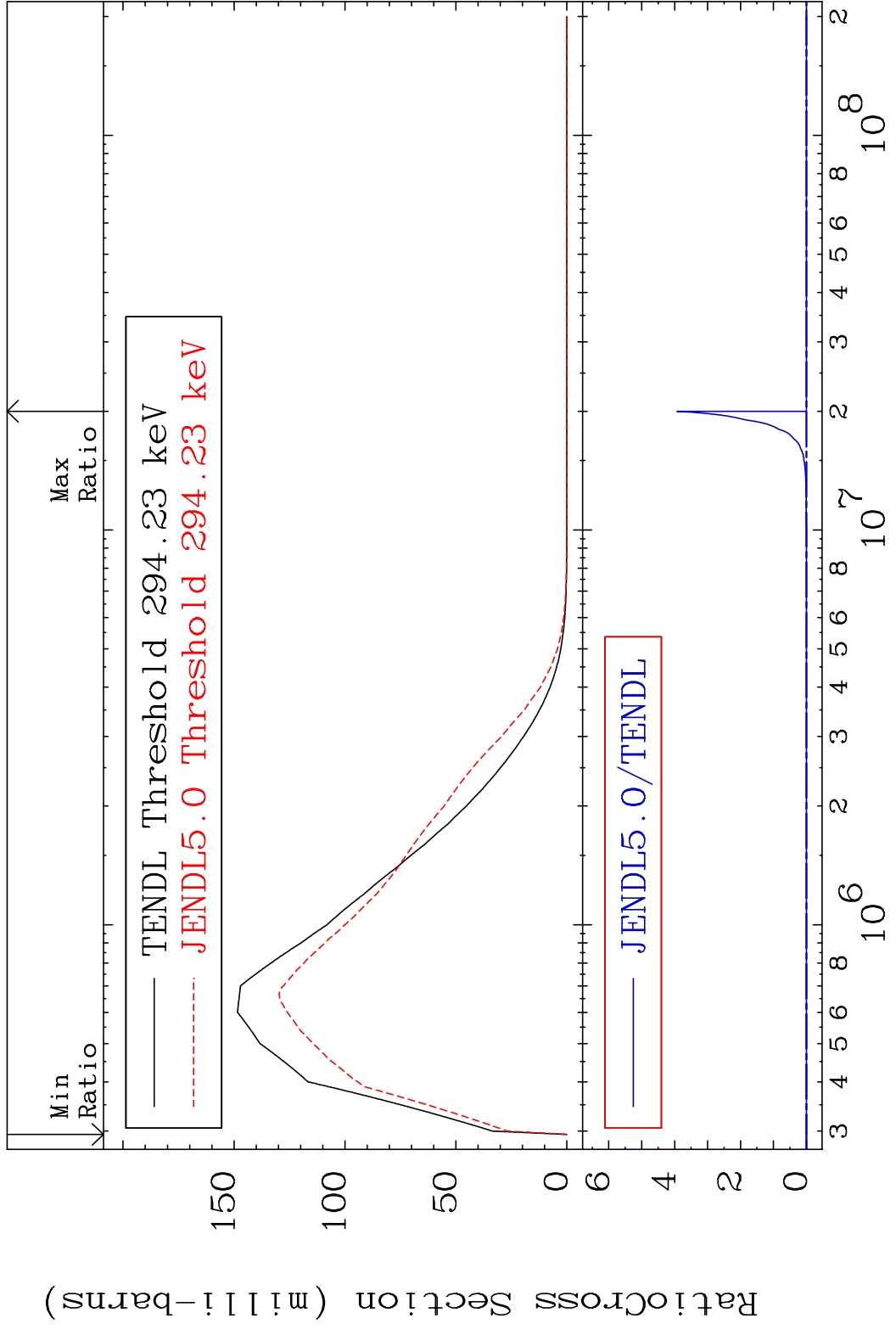
MAT 3628 MT= 53 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



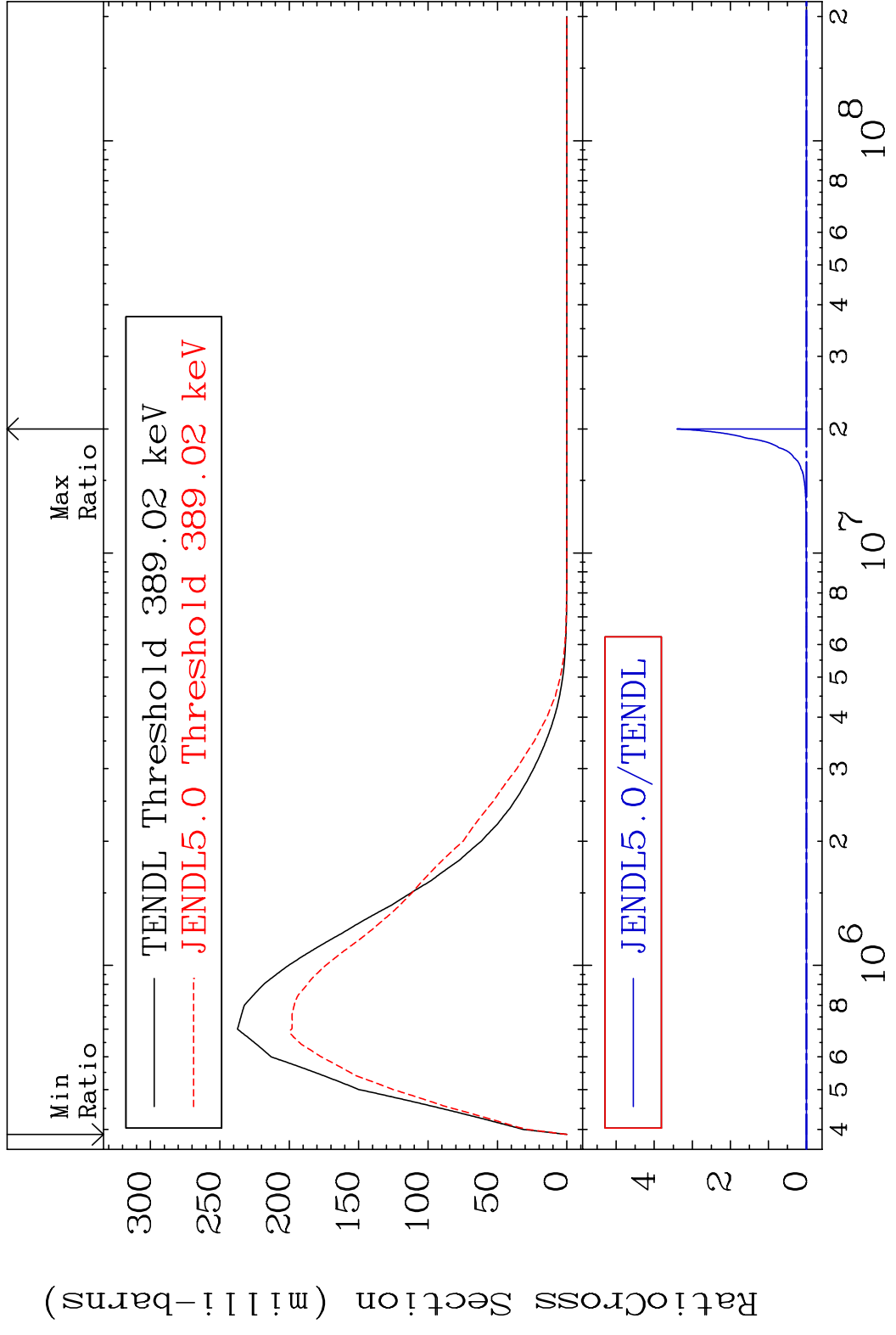
MAT 3628 MT= 54 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



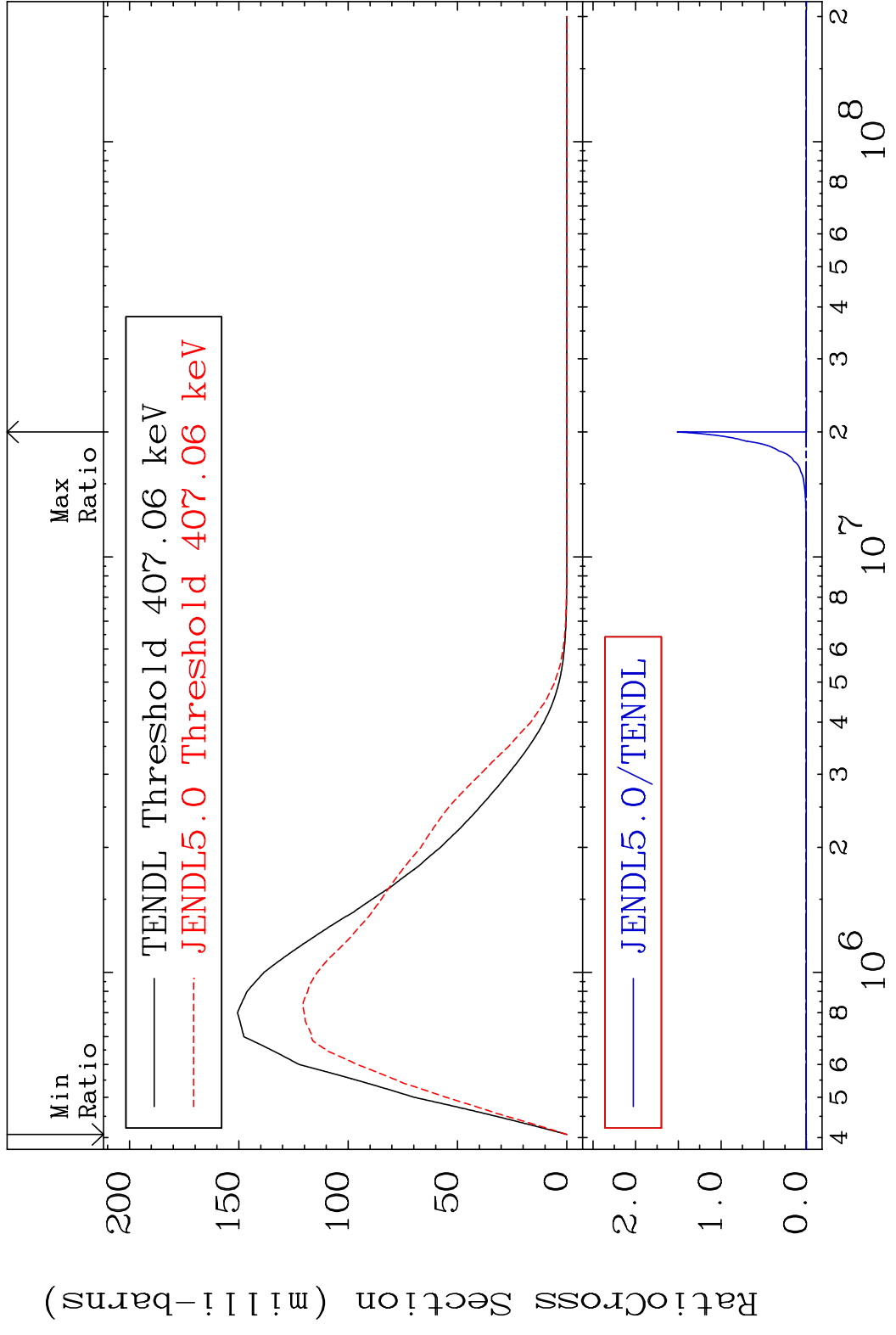
MAT 3628 MT= 55 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



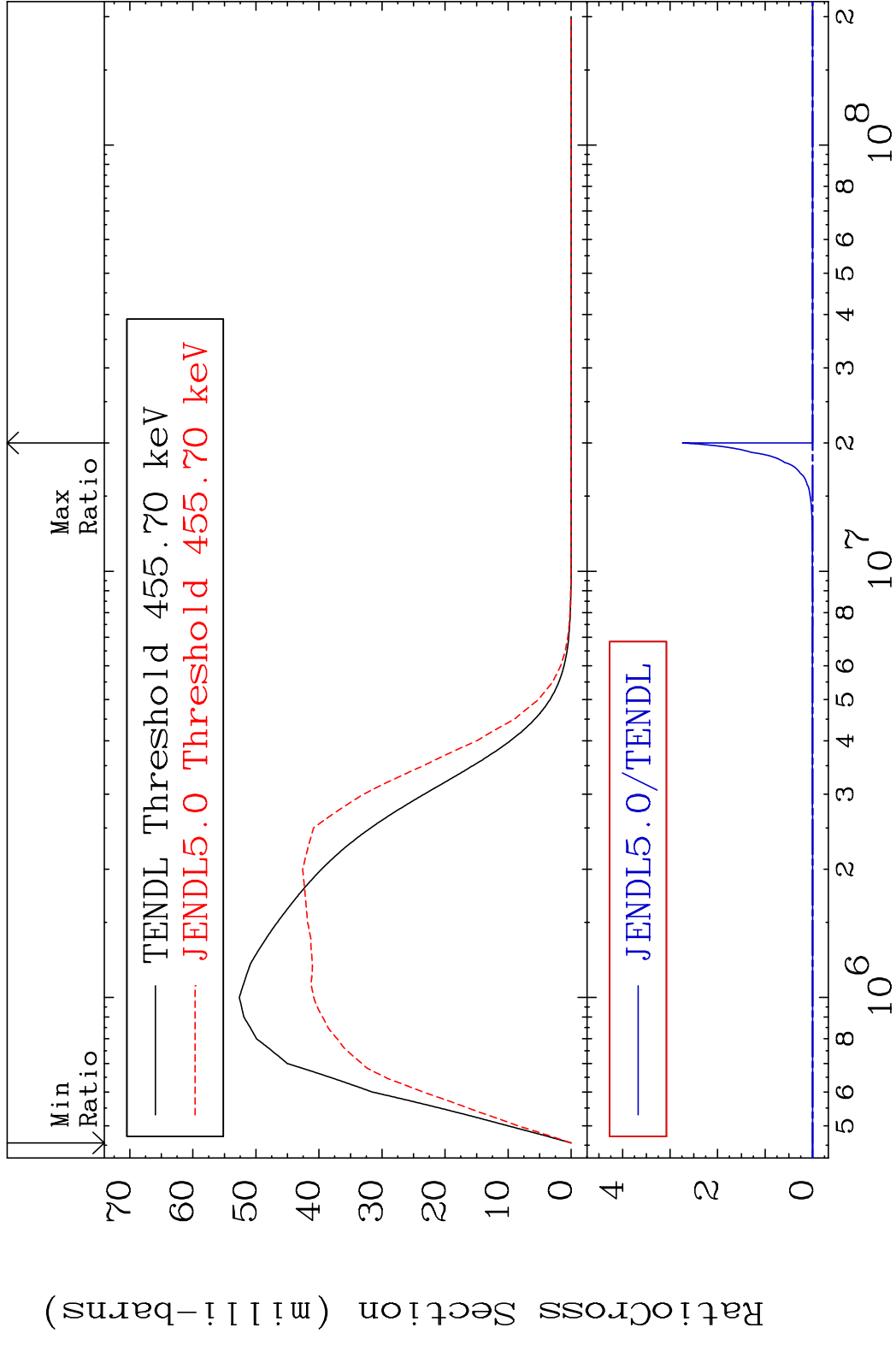
MAT 3628 MT= 56 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



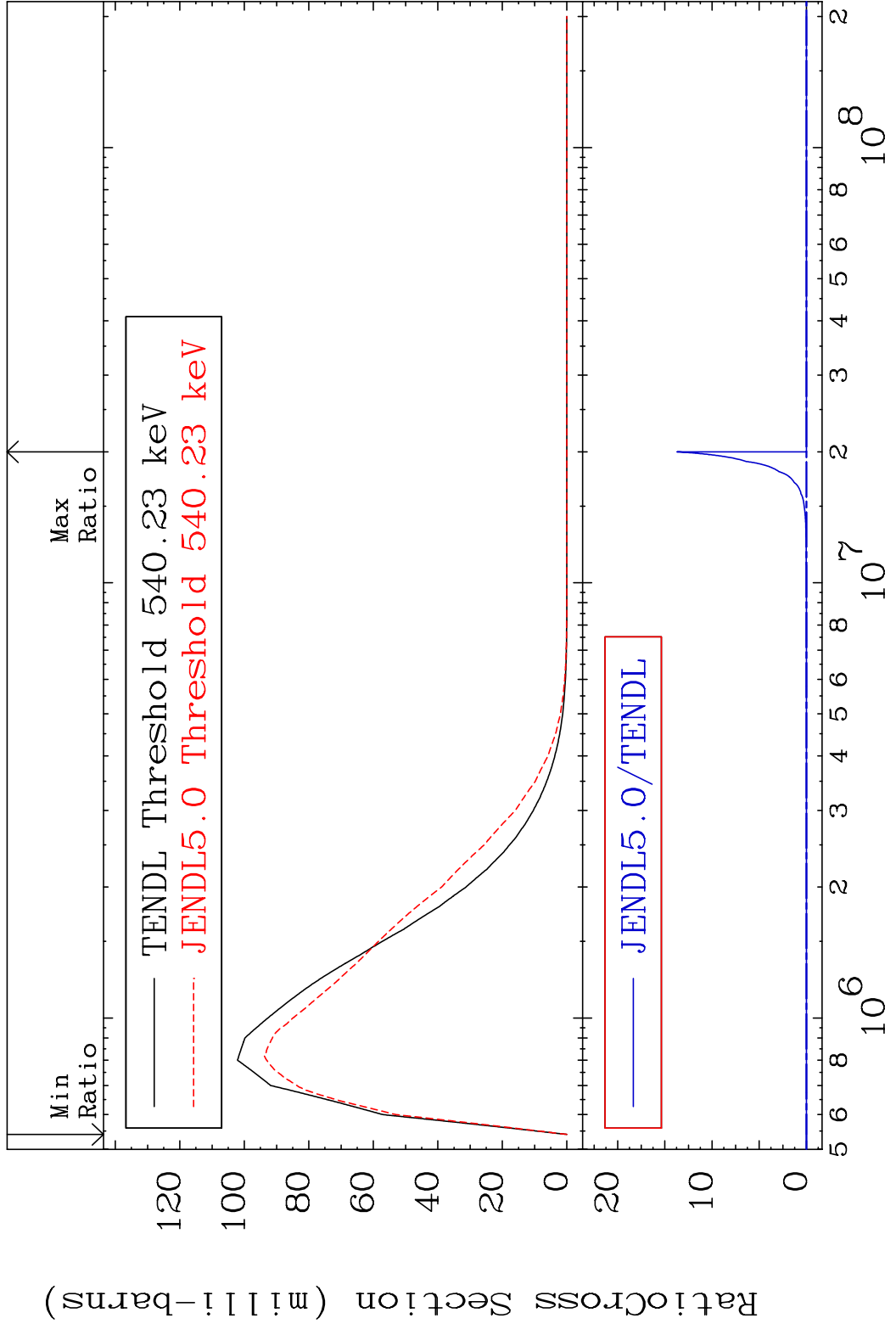
MAT 3628 MT= 57 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



MAT 3628 MT= 58 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %

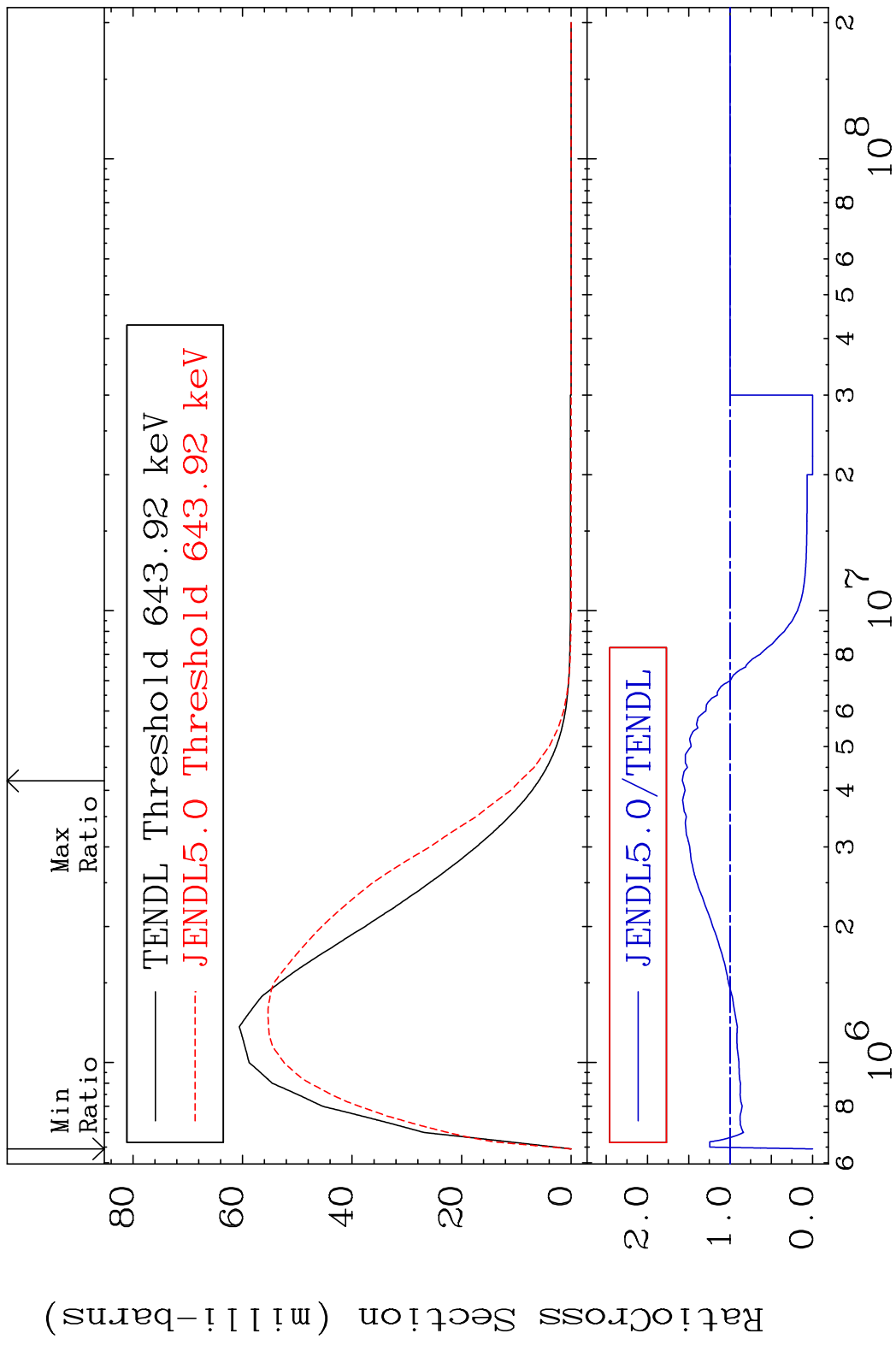


MAT 3628 MT= 59 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %

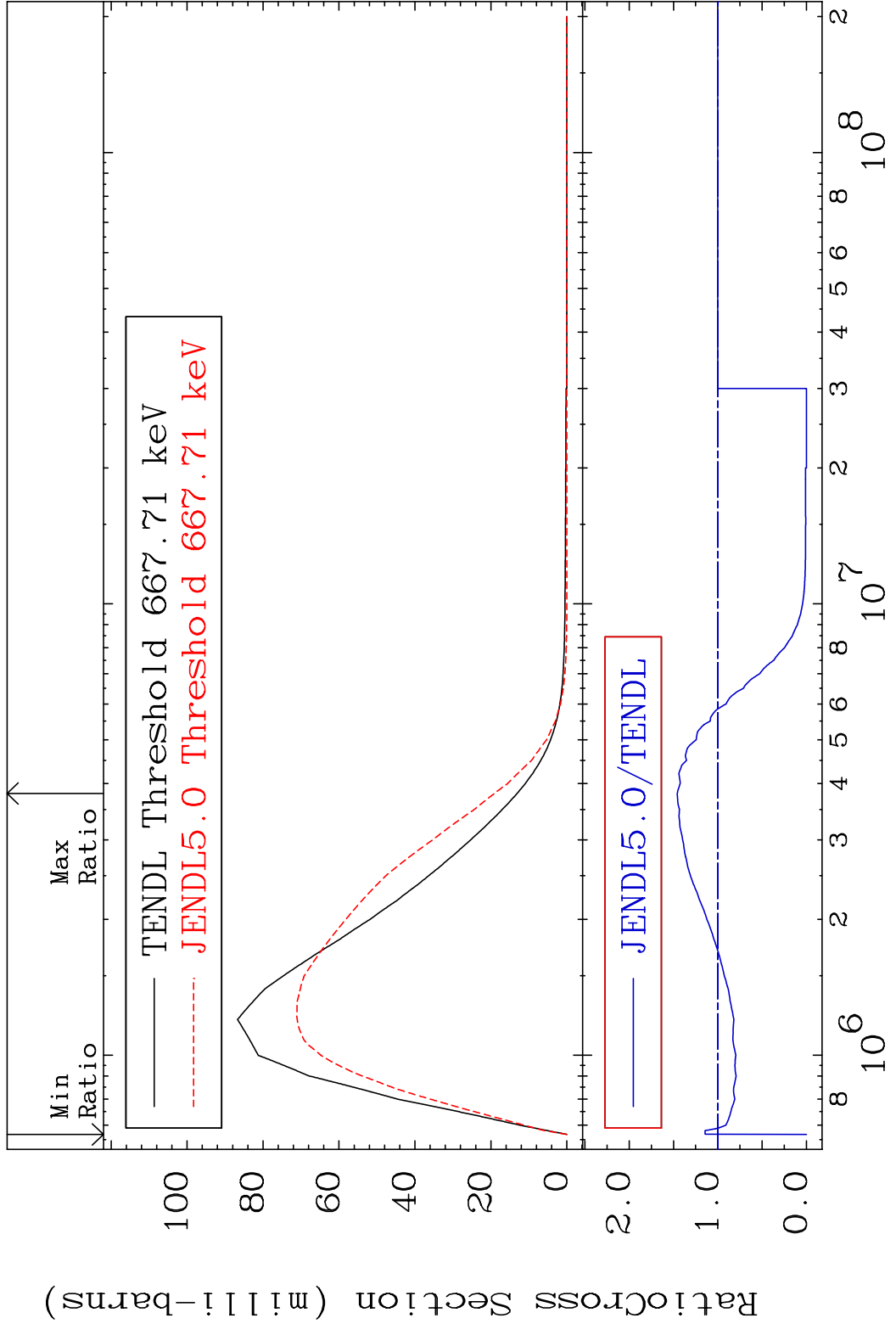


20 Incident Energy (eV) 36-Kr-79

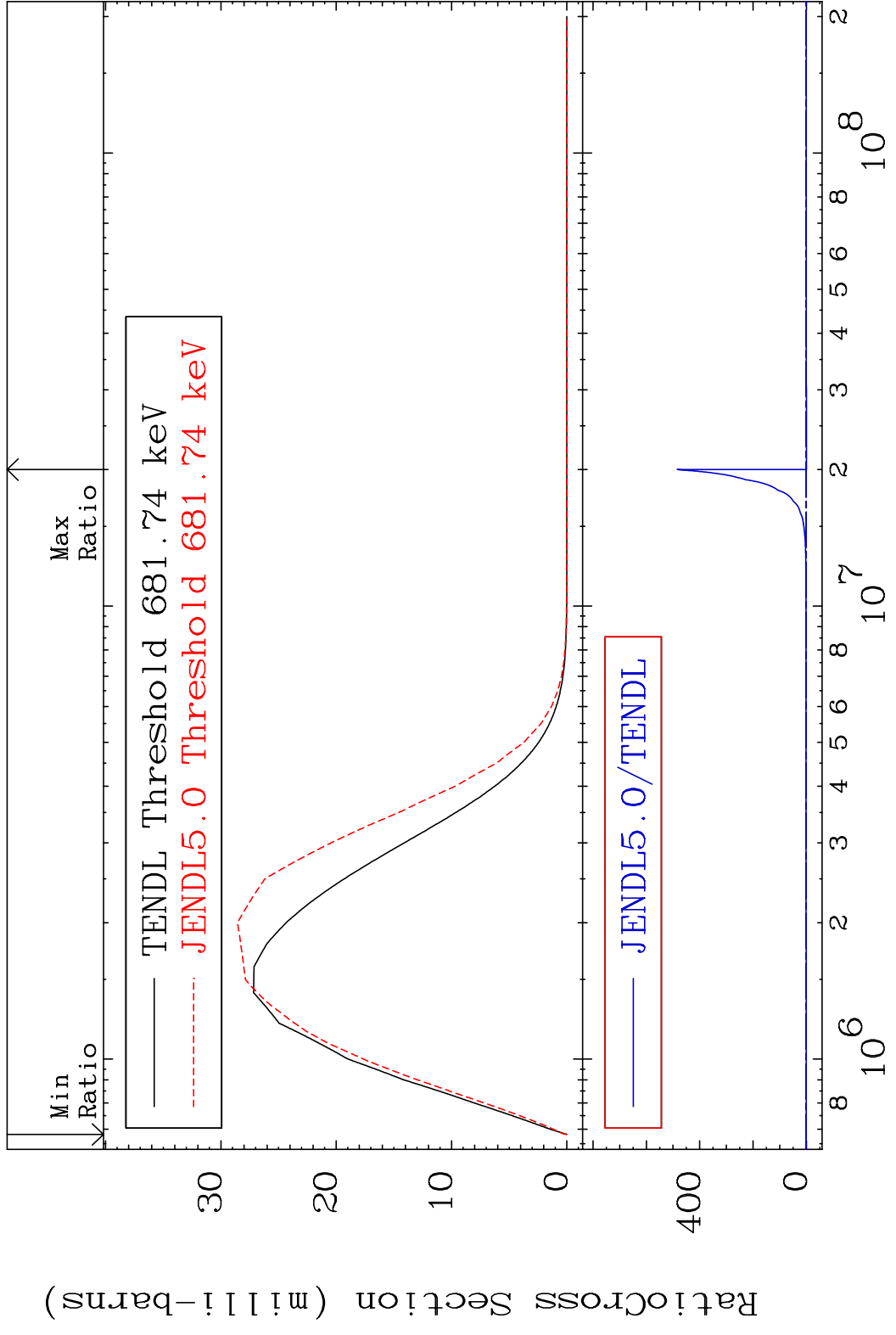
MAT 3628 MT= 60 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 57.78 %



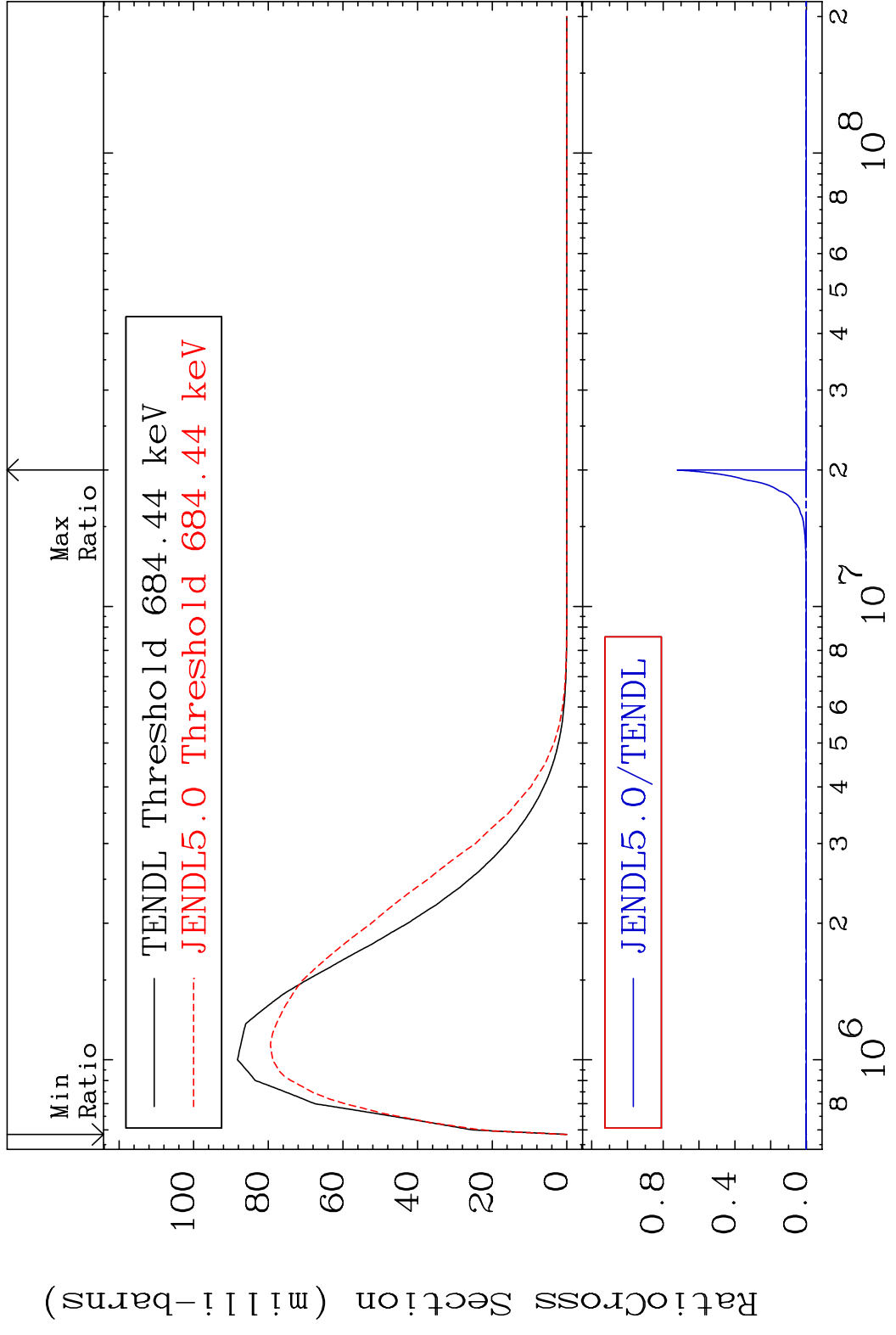
MAT 3628 MT= 61 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 45.86 %



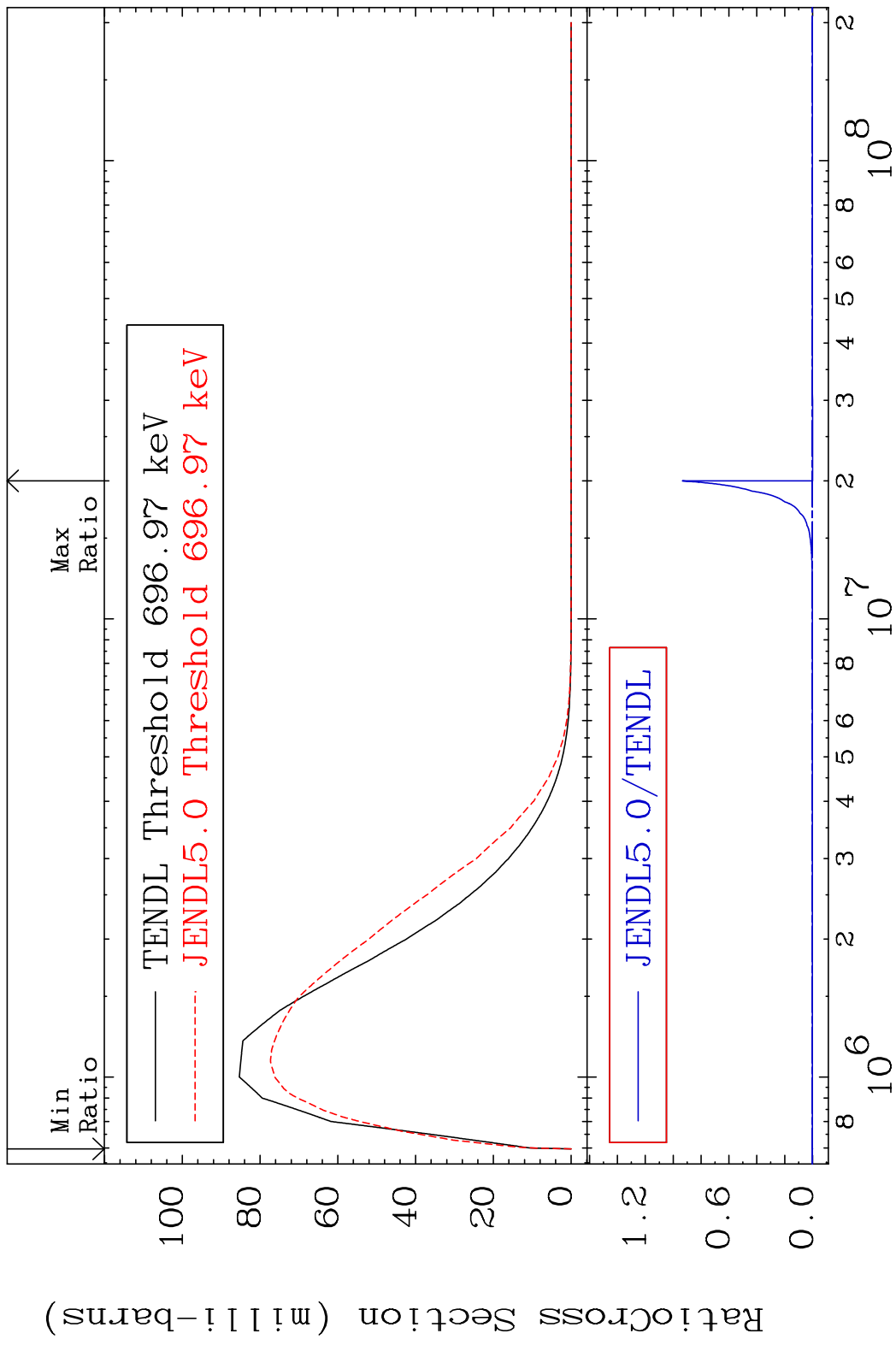
MAT 3628 MT= 62 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



MAT 3628 MT= 63 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %

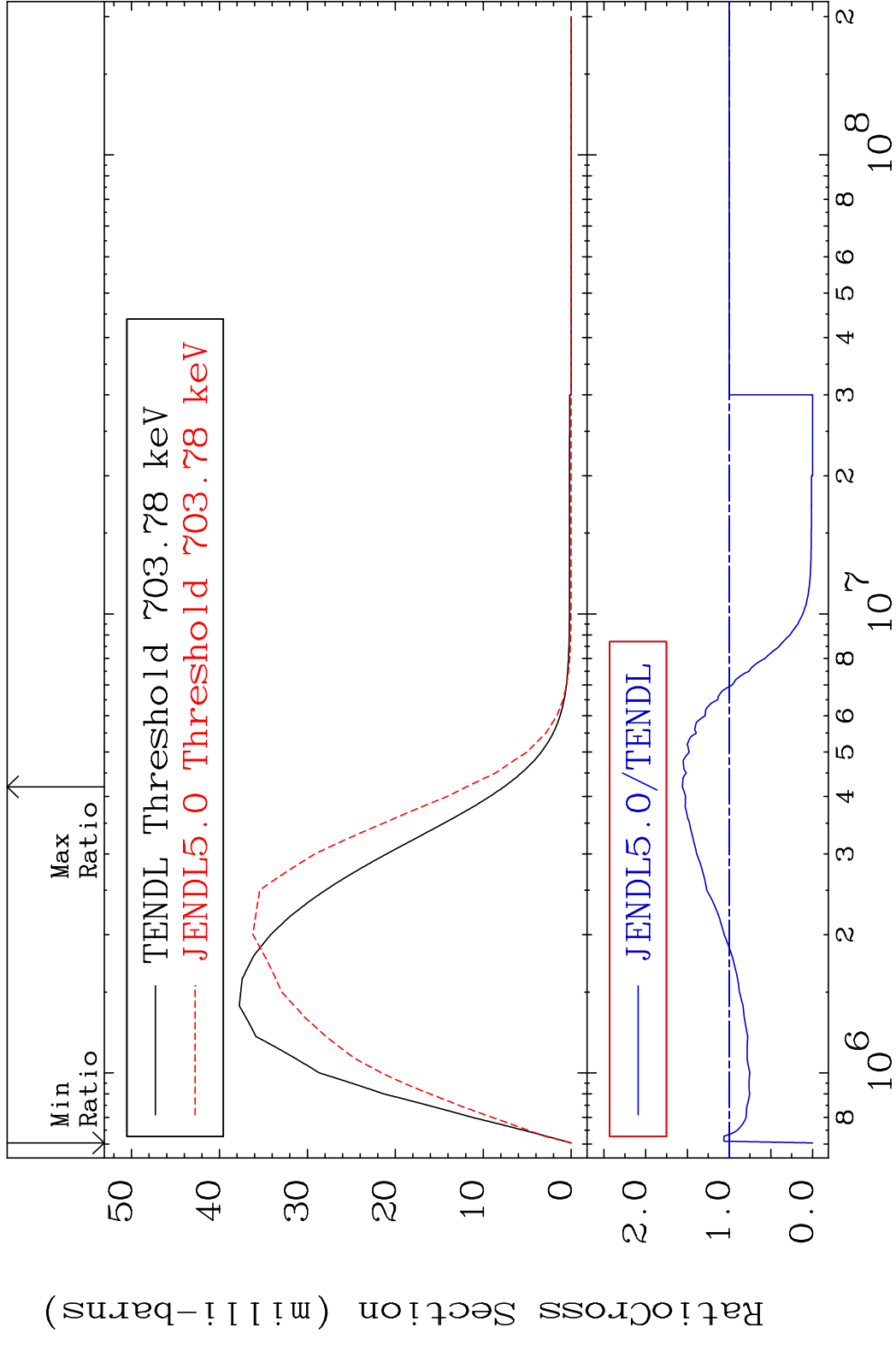


MAT 3628 MT= 64 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



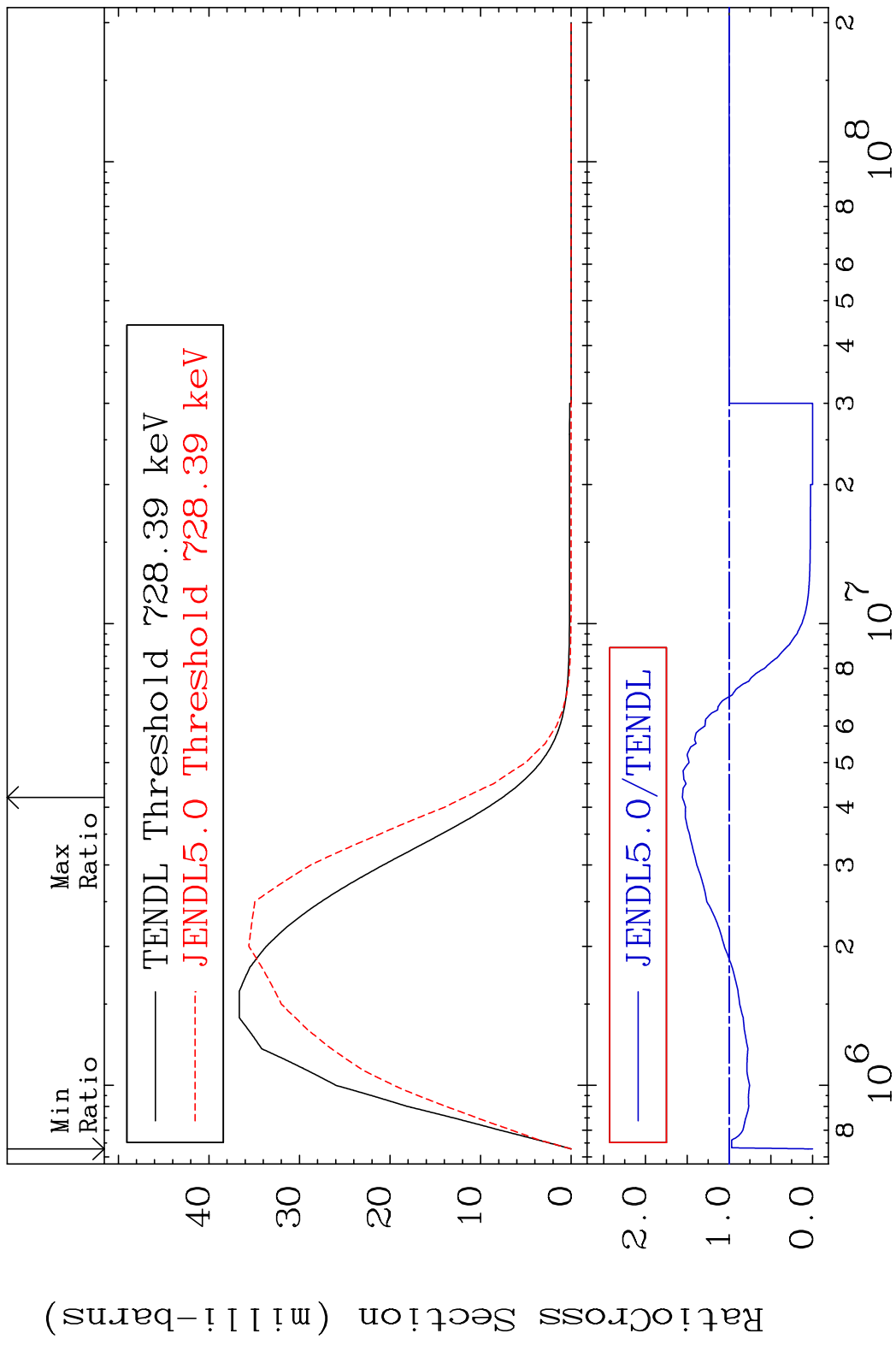
25 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 65 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 56.06 %

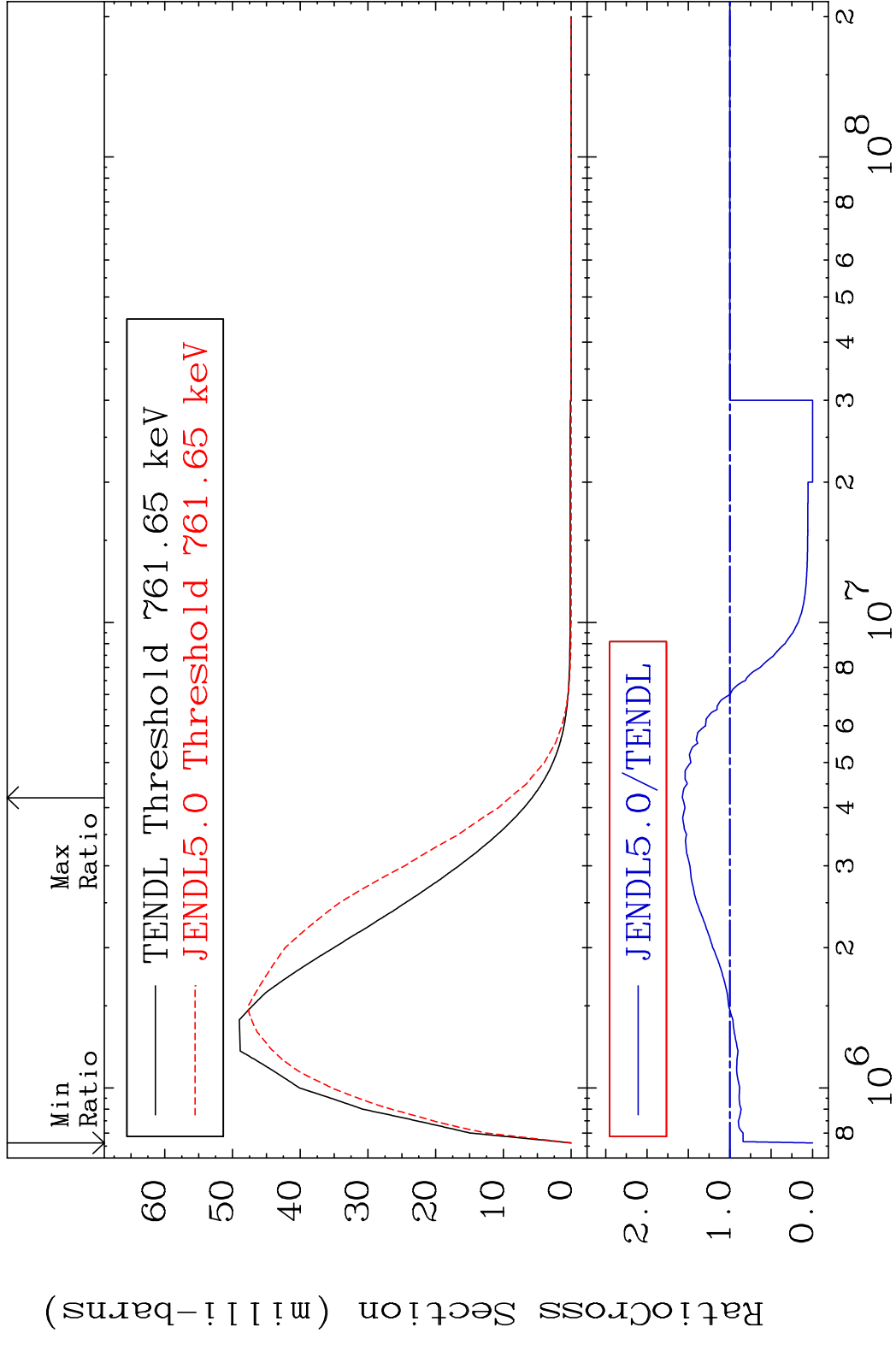


26 Incident Energy (eV) 36-Kr-79

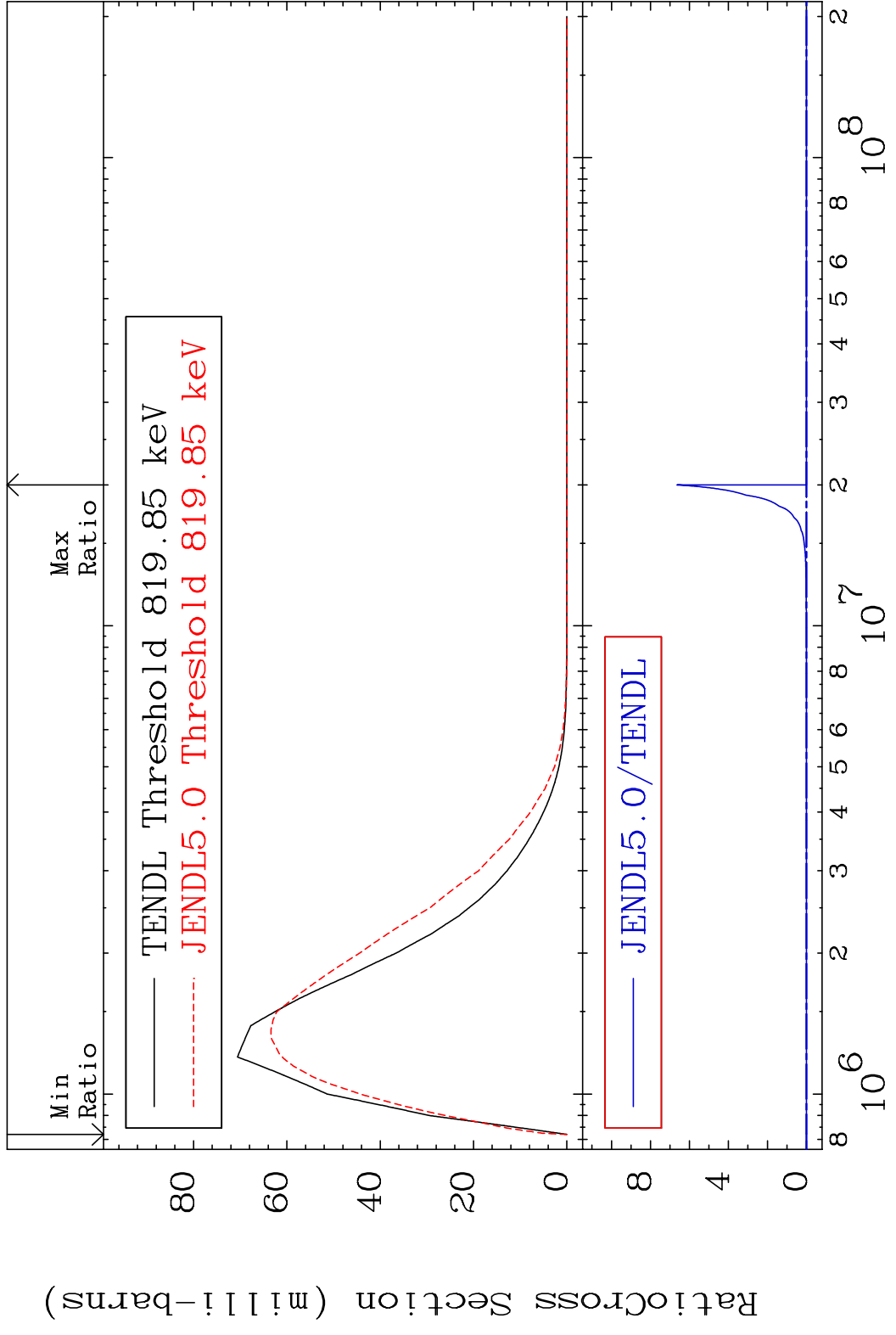
MAT 3628 MT= 66 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 55.90 %



MAT 3628 MT= 67 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 57.33 %

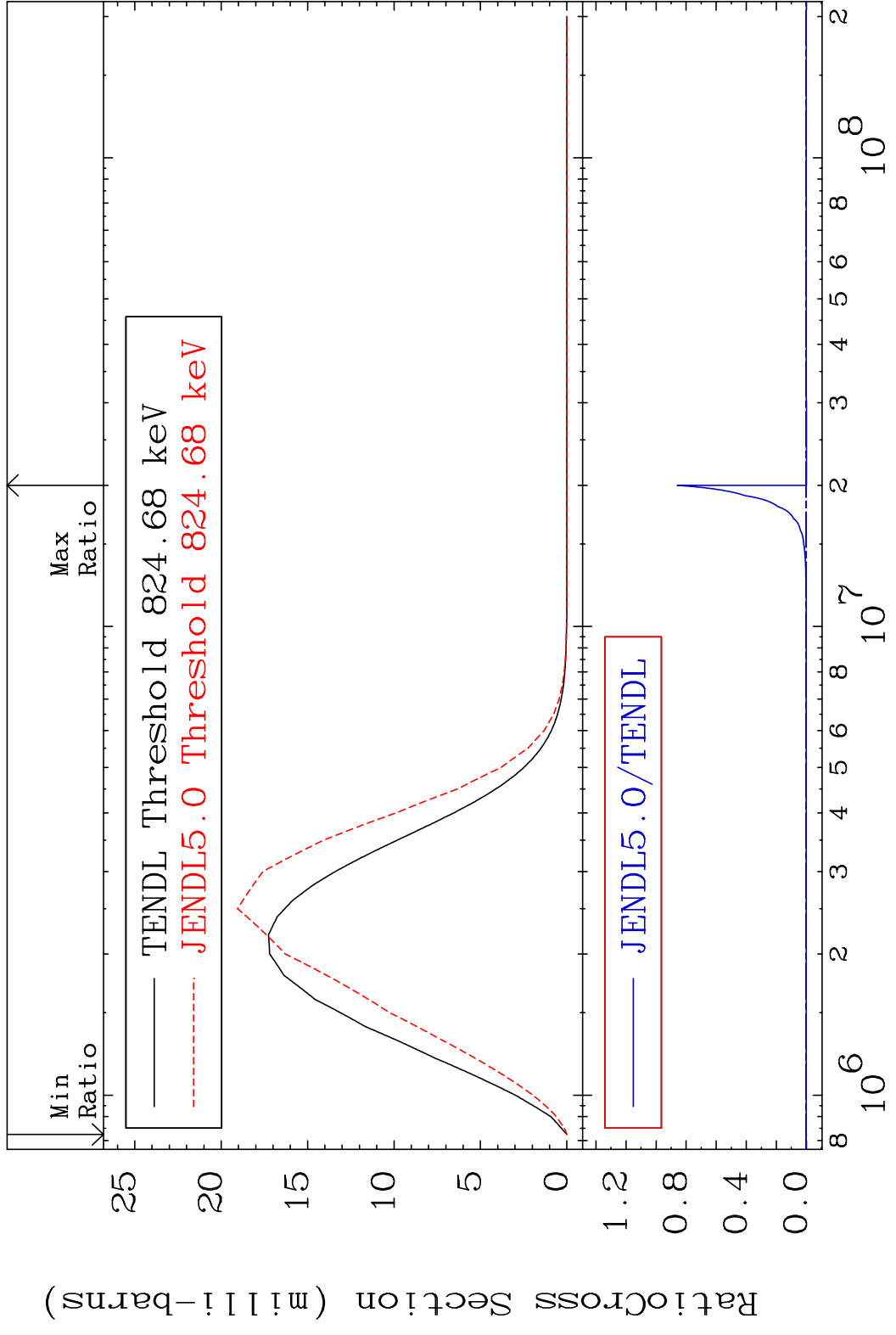


MAT 3628 MT= 68 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



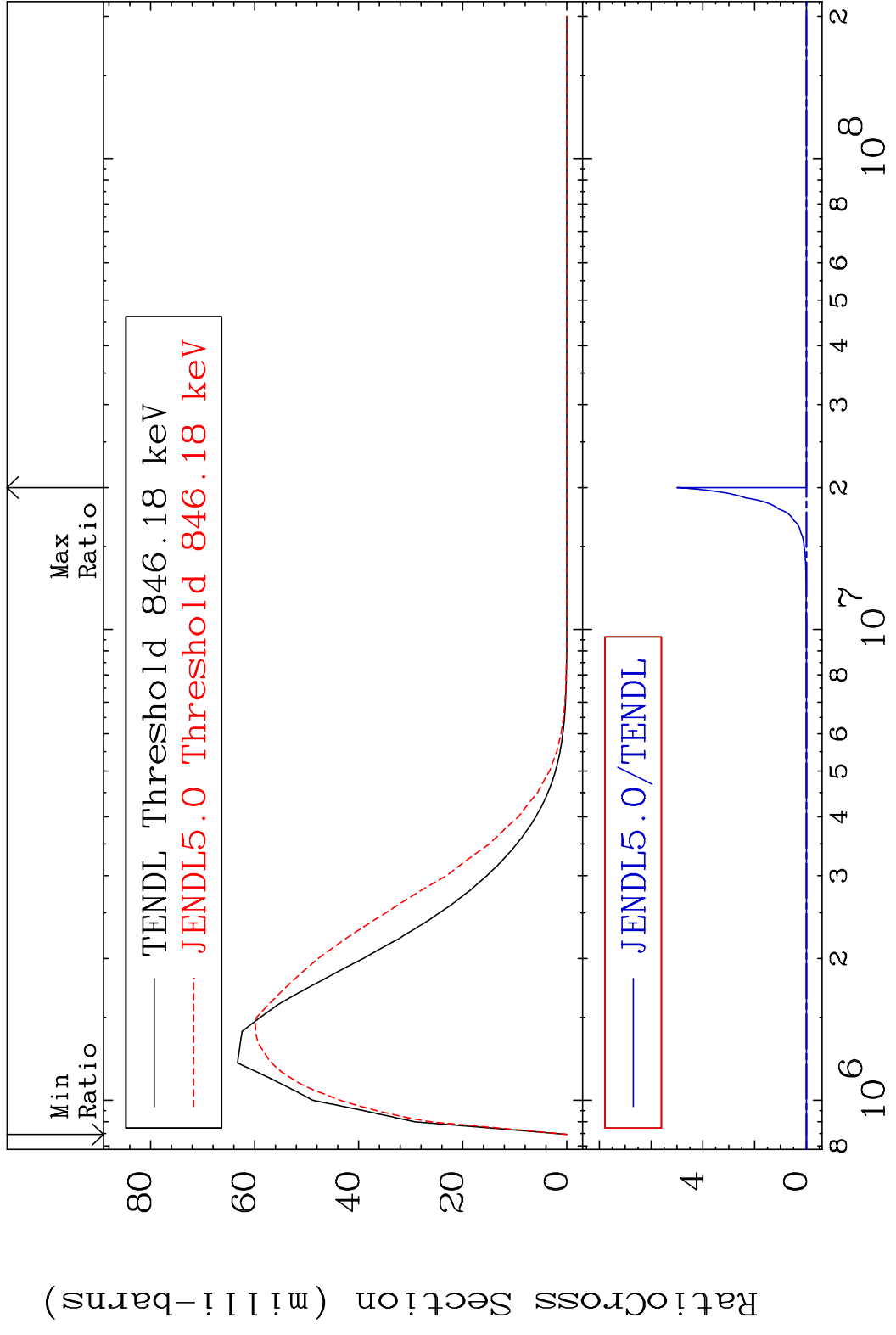
29 36-Kr-79

MAT 3628 MT= 69 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %

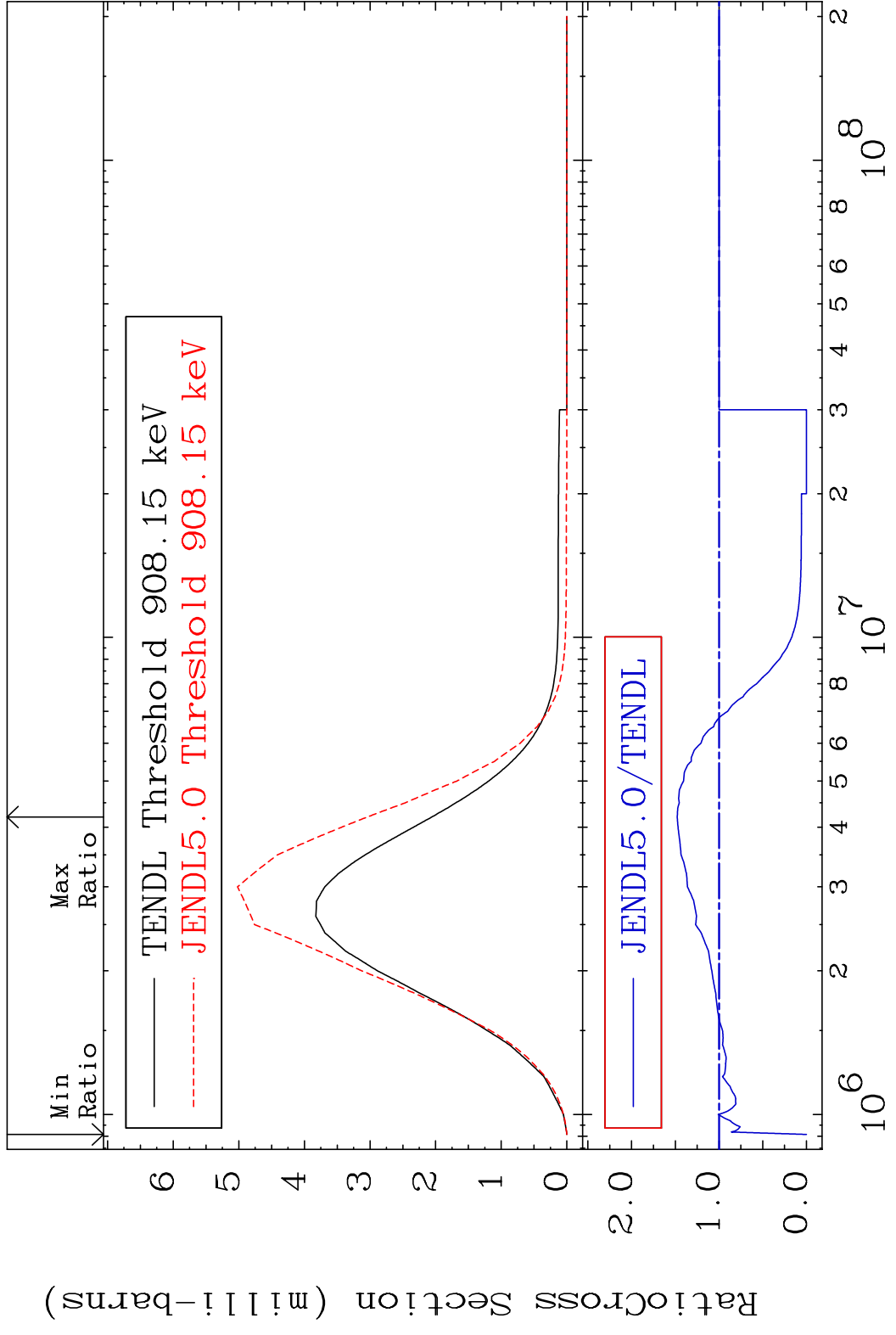


30 Incident Energy (eV) 36-Kr-79

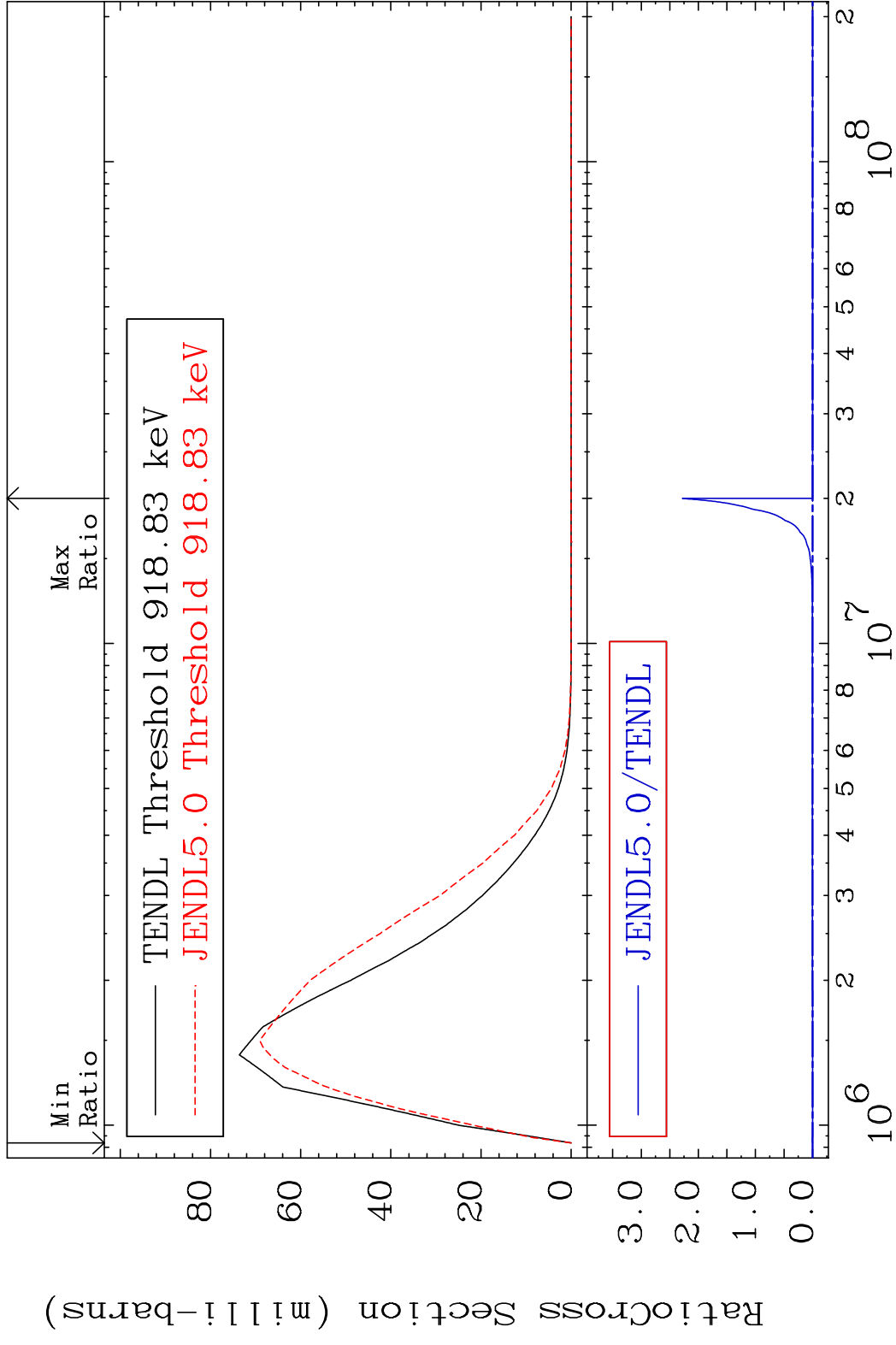
MAT 3628 MT= 70 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



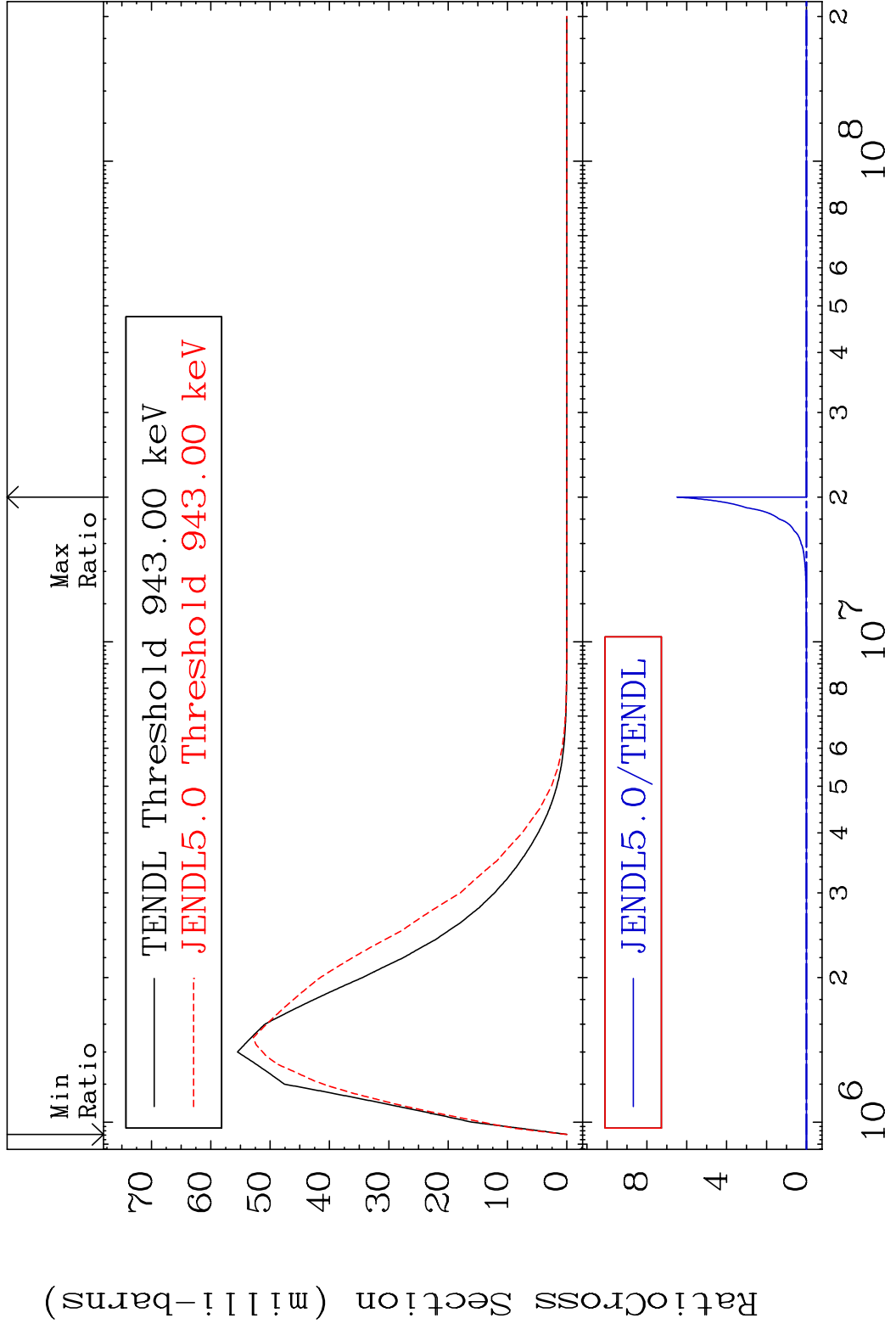
MAT 3628 MT= 71 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 47.85 %



MAT 3628 MT= 72 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %

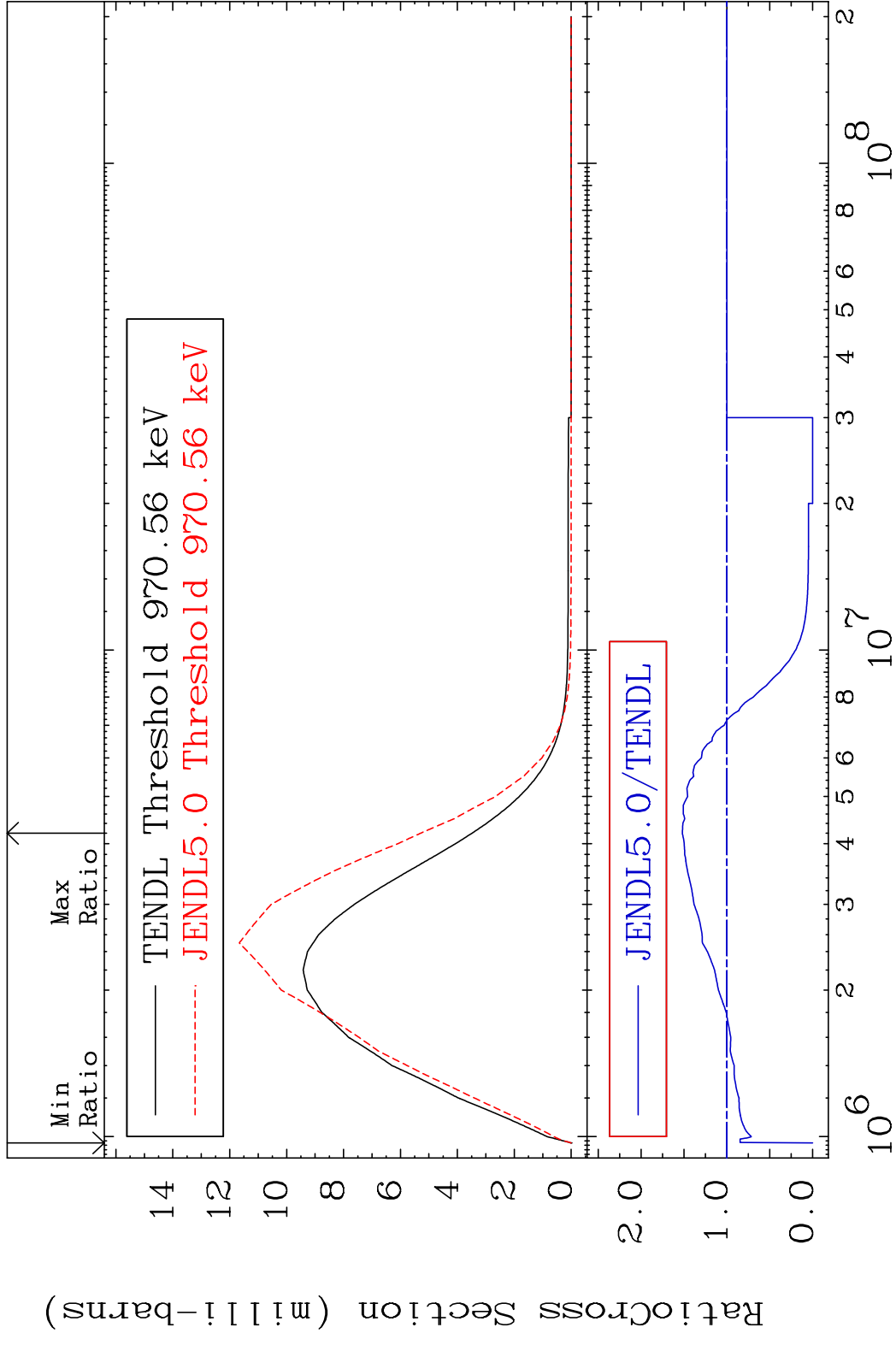


MAT 3628 MT= 73 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



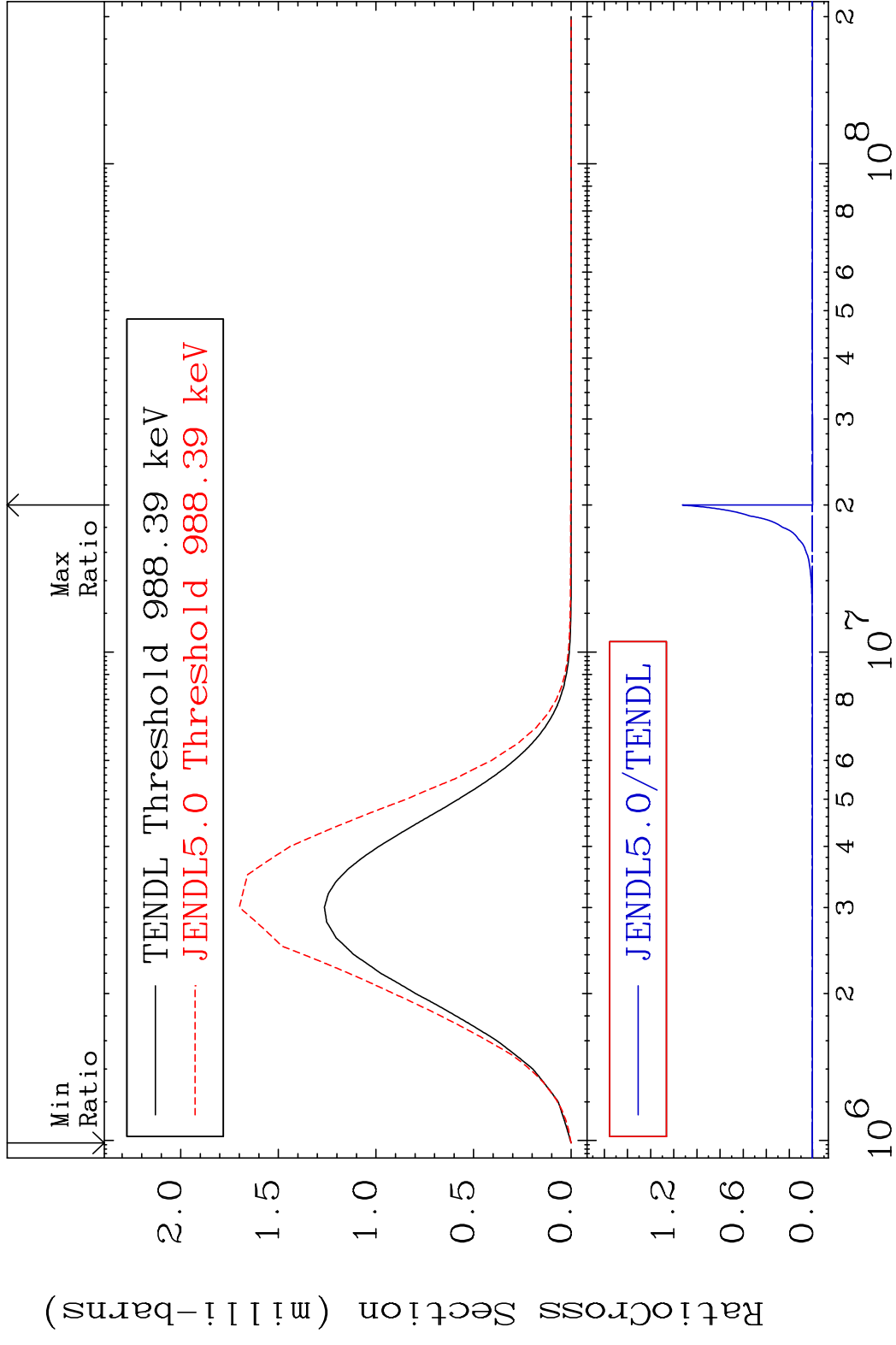
34 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 74 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 51.94 %



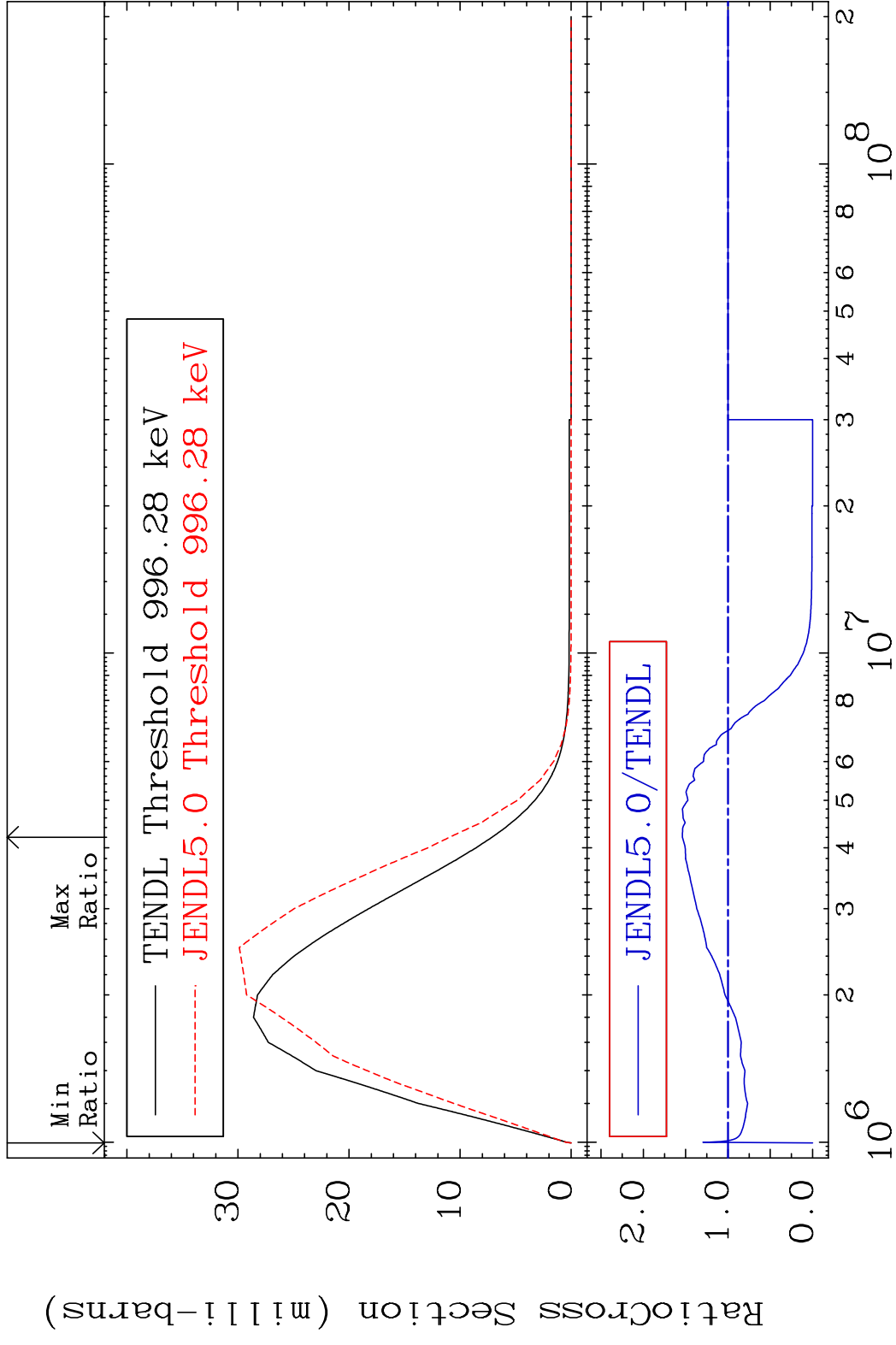
35 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 75 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



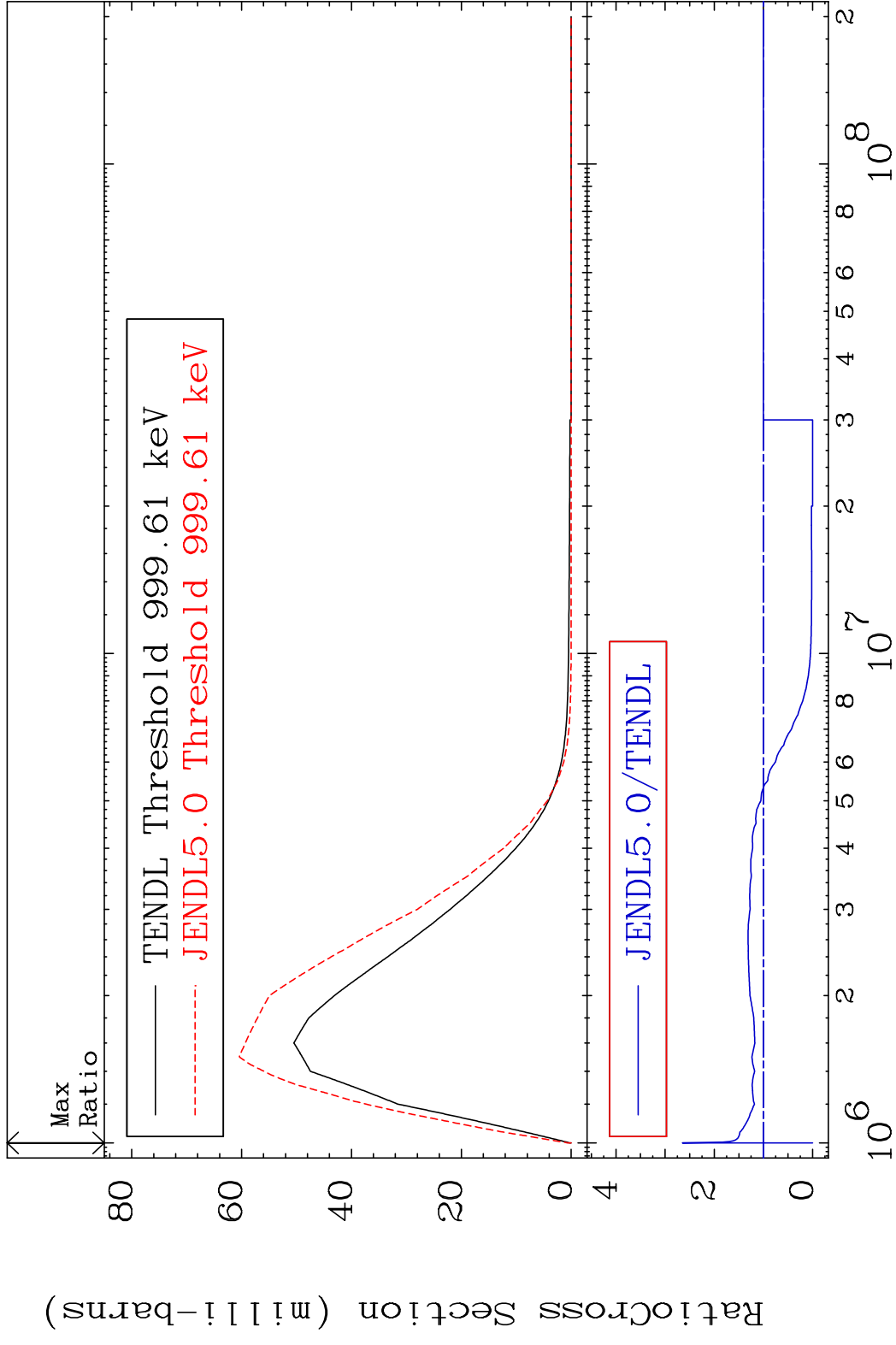
36 36-Kr-79

MAT 3628 MT= 76 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 53.91 %



37 36-Kr-79

MAT 3628 MT= 77 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 164.9 %

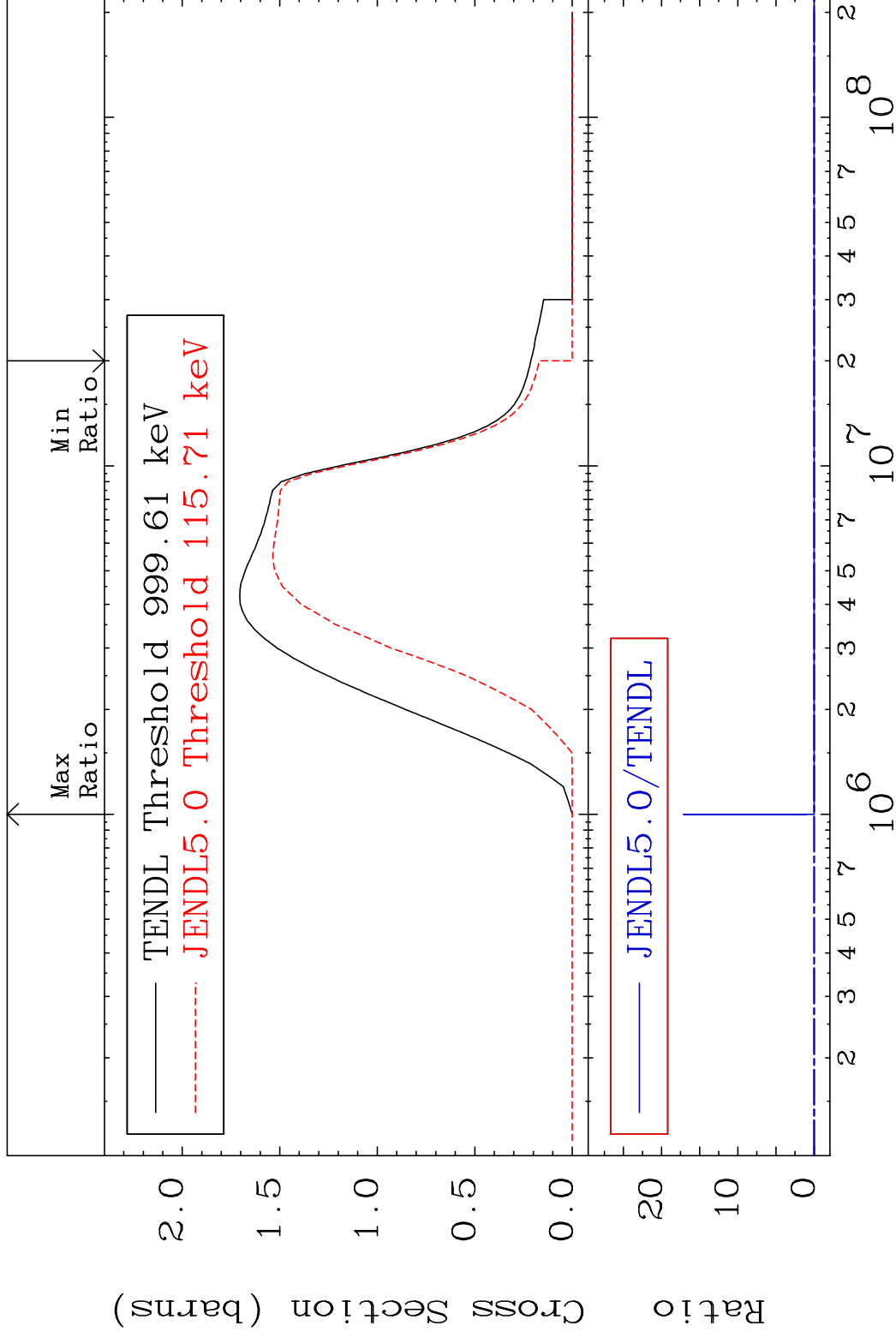


38 36-Kr-79

MAT 3628

(n,n') Continuum
Cross Section -100.0 To 9999. %

36-Kr-79



39

Incident Energy (eV)

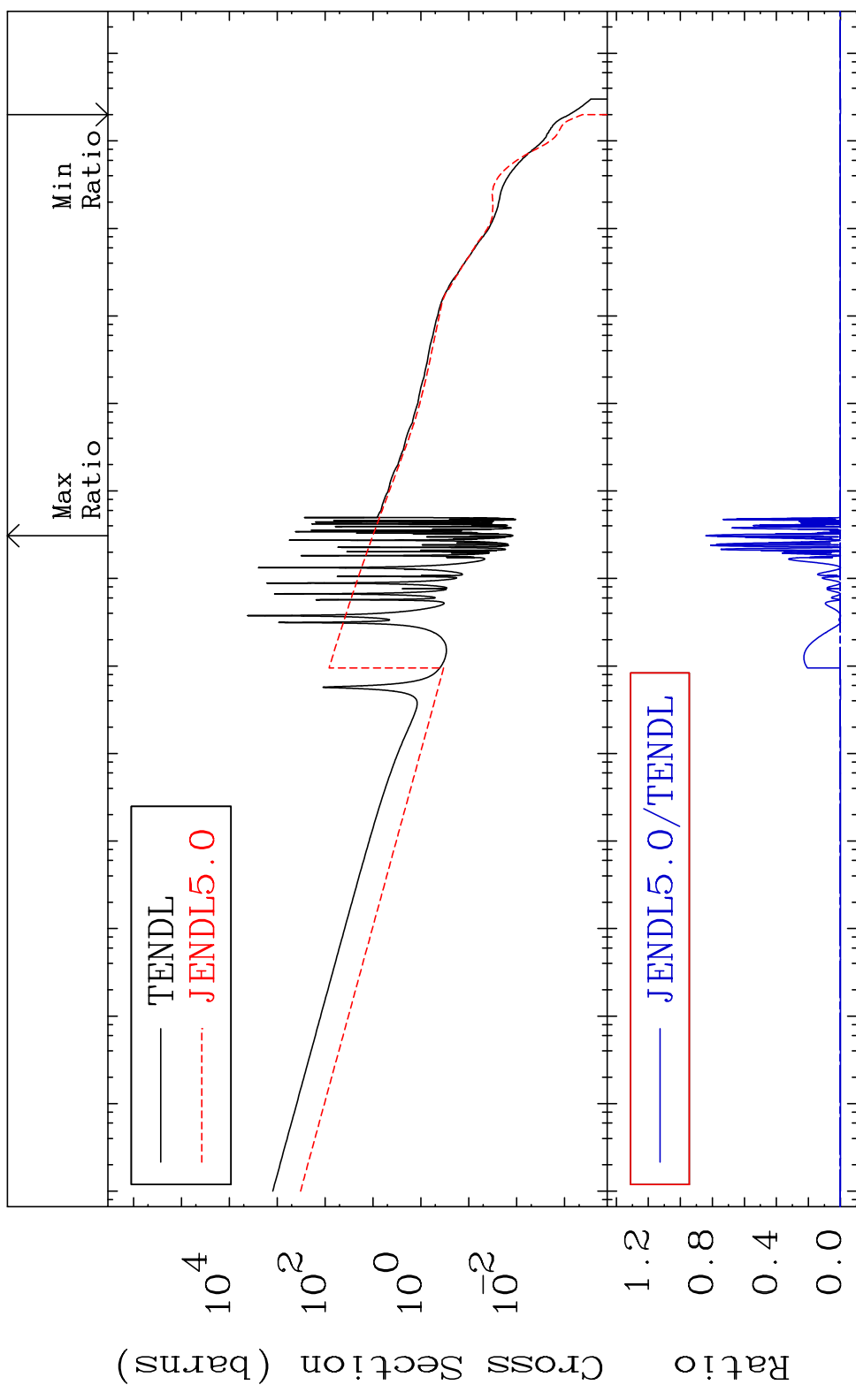
36-Kr-79

MAT 3628

(n, γ)

36-Kr-79

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

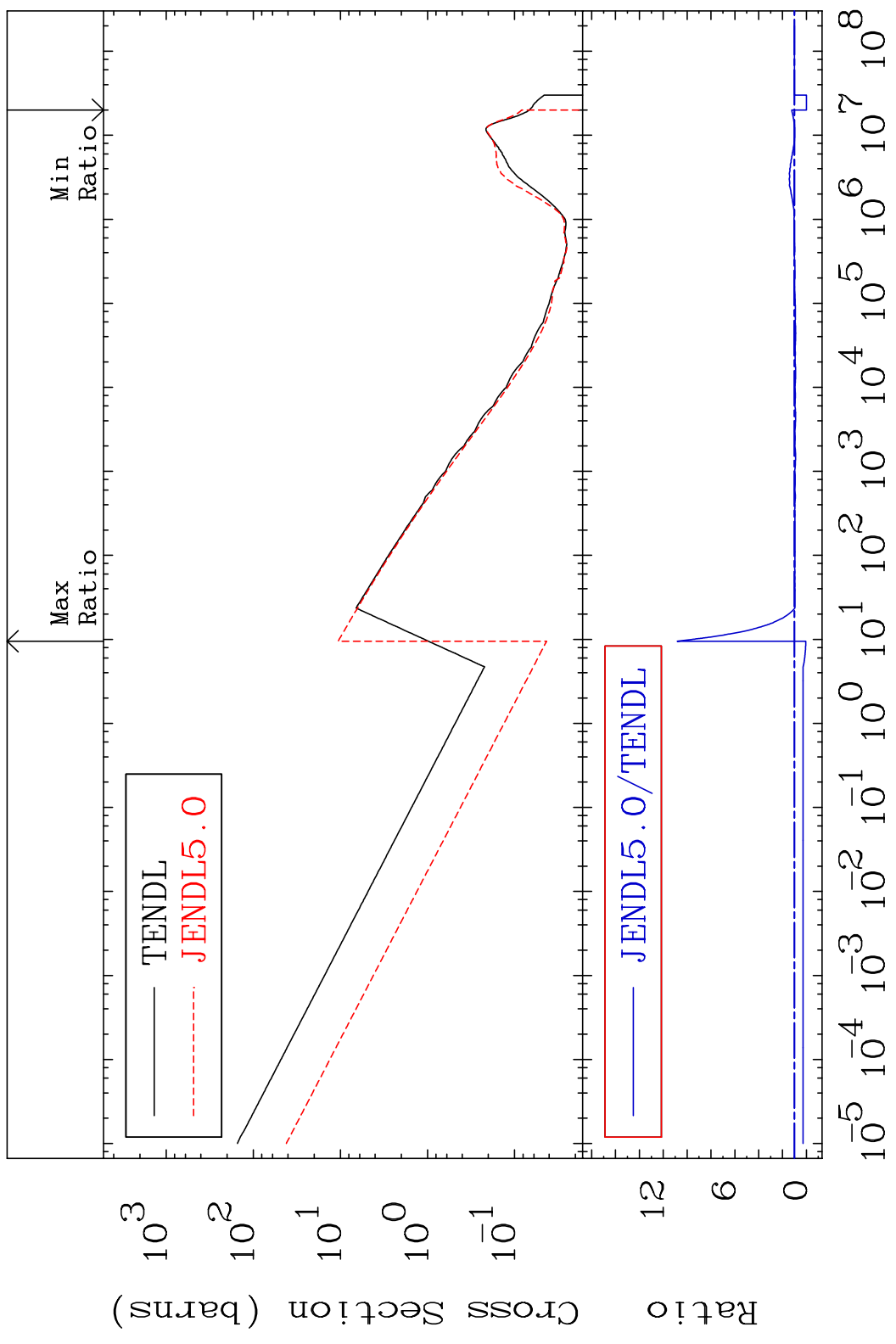
36-Kr-79

MAT 3628

(n, p)

36-Kr-79

Cross Section -100.0 To 983.1 %



41

Incident Energy (eV)

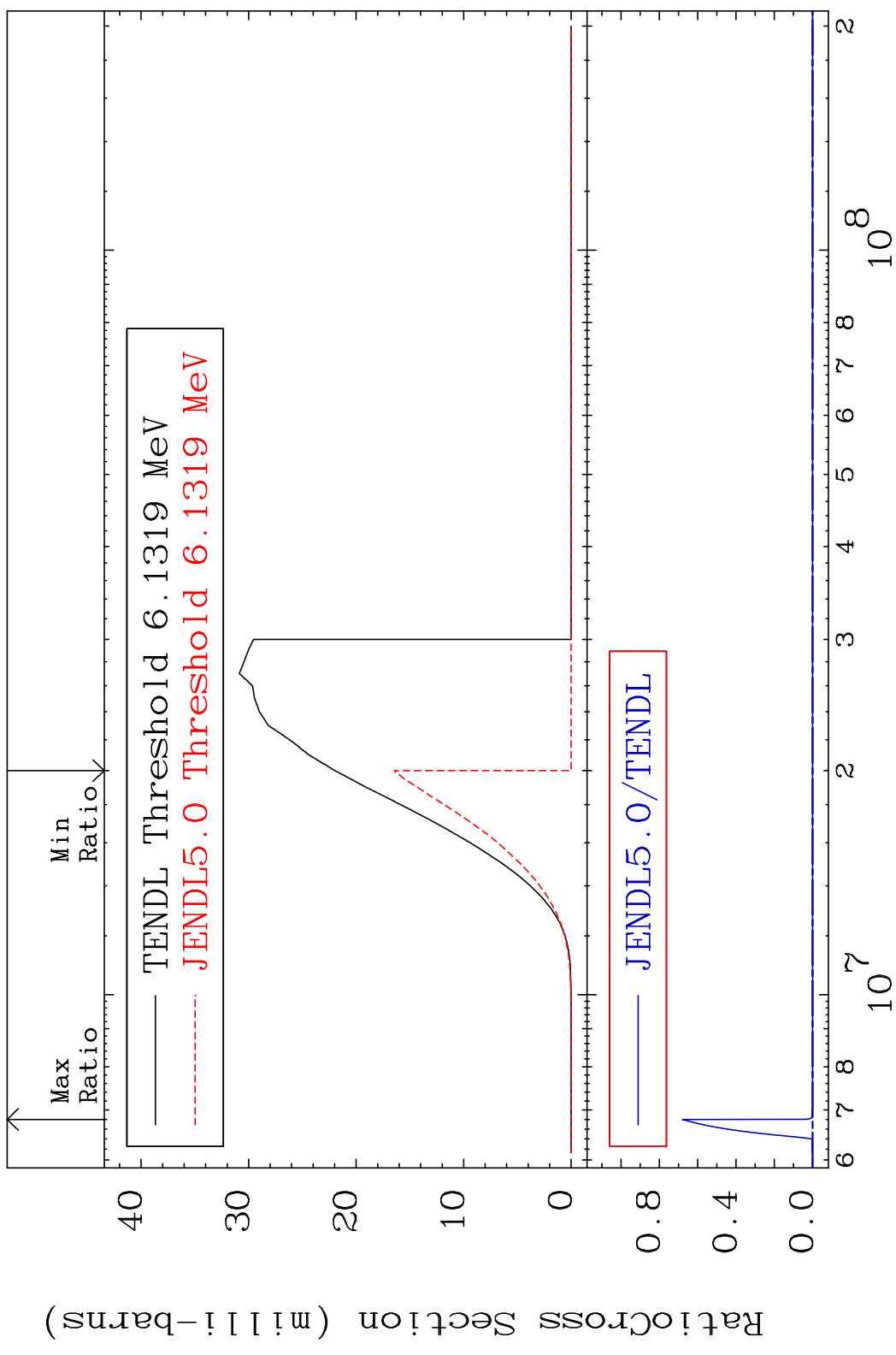
36-Kr-79

MAT 3628

(n,d)

36-Kr-79

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

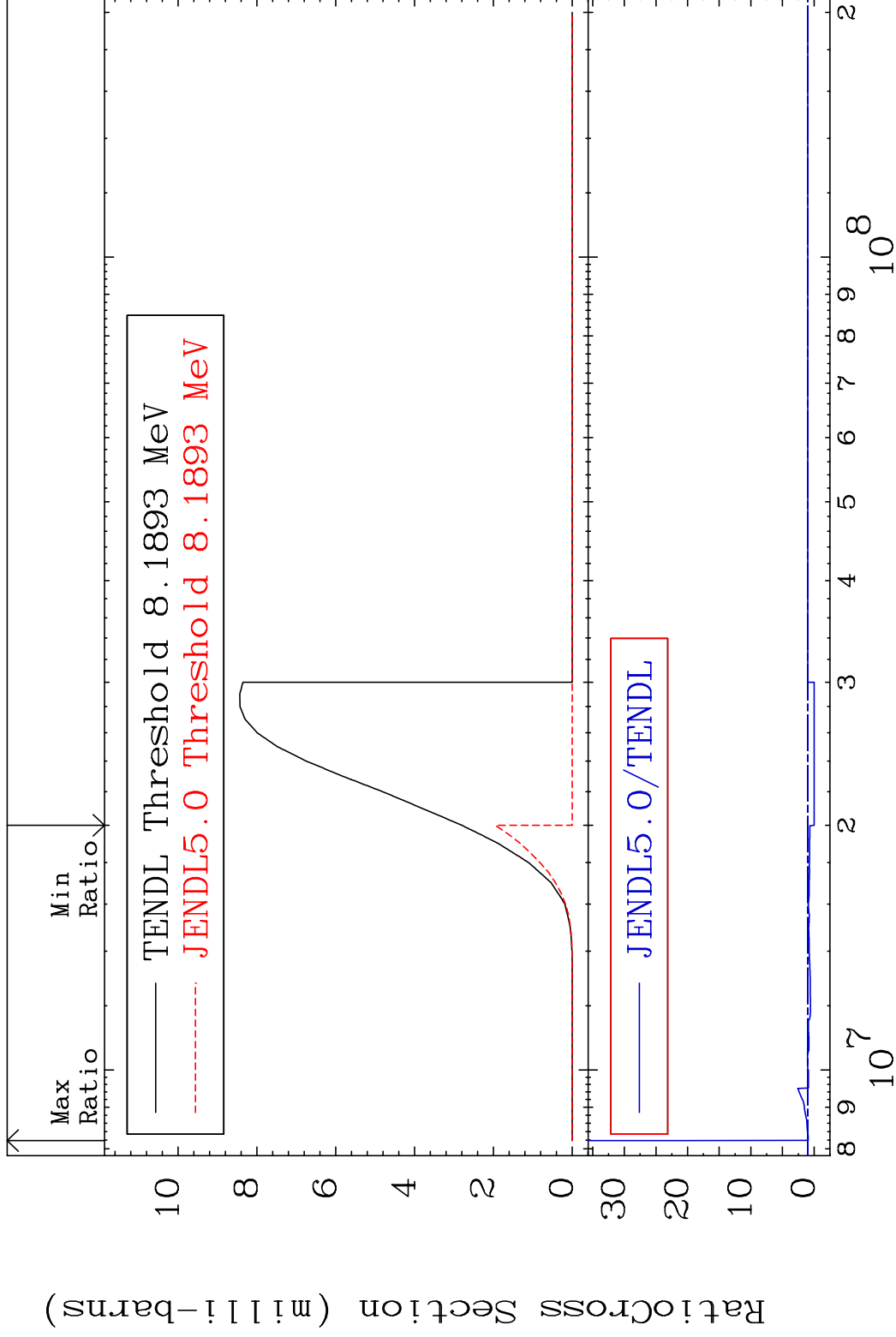
36-Kr-79

MAT 3628

(n, t)

36-Kr-79

Cross Section -100.0 To 1962. %



43

Incident Energy (eV)

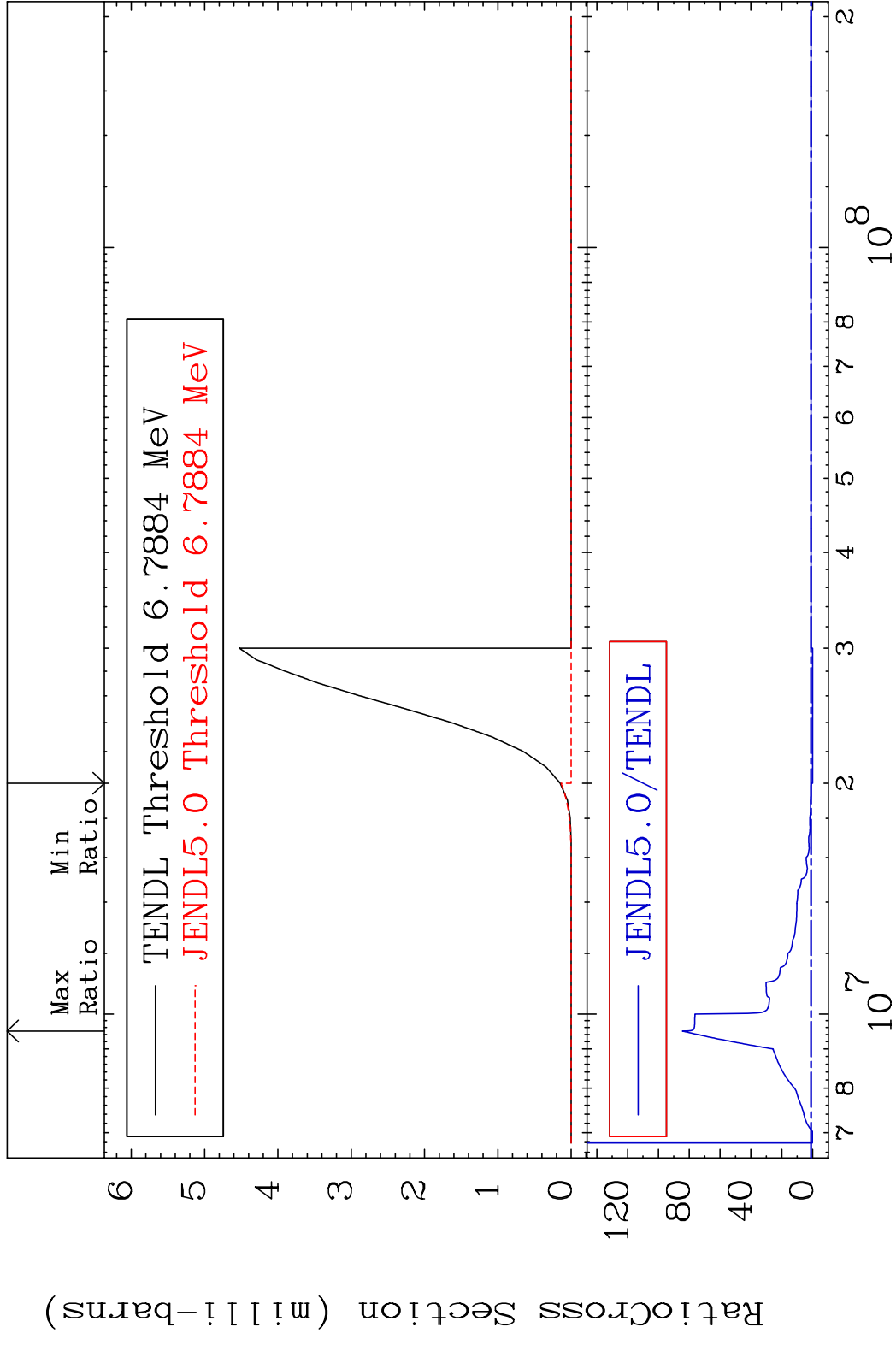
36-Kr-79

MAT 3628

(n, He-3)

36-Kr-79

Cross Section -100.0 To 8347. %

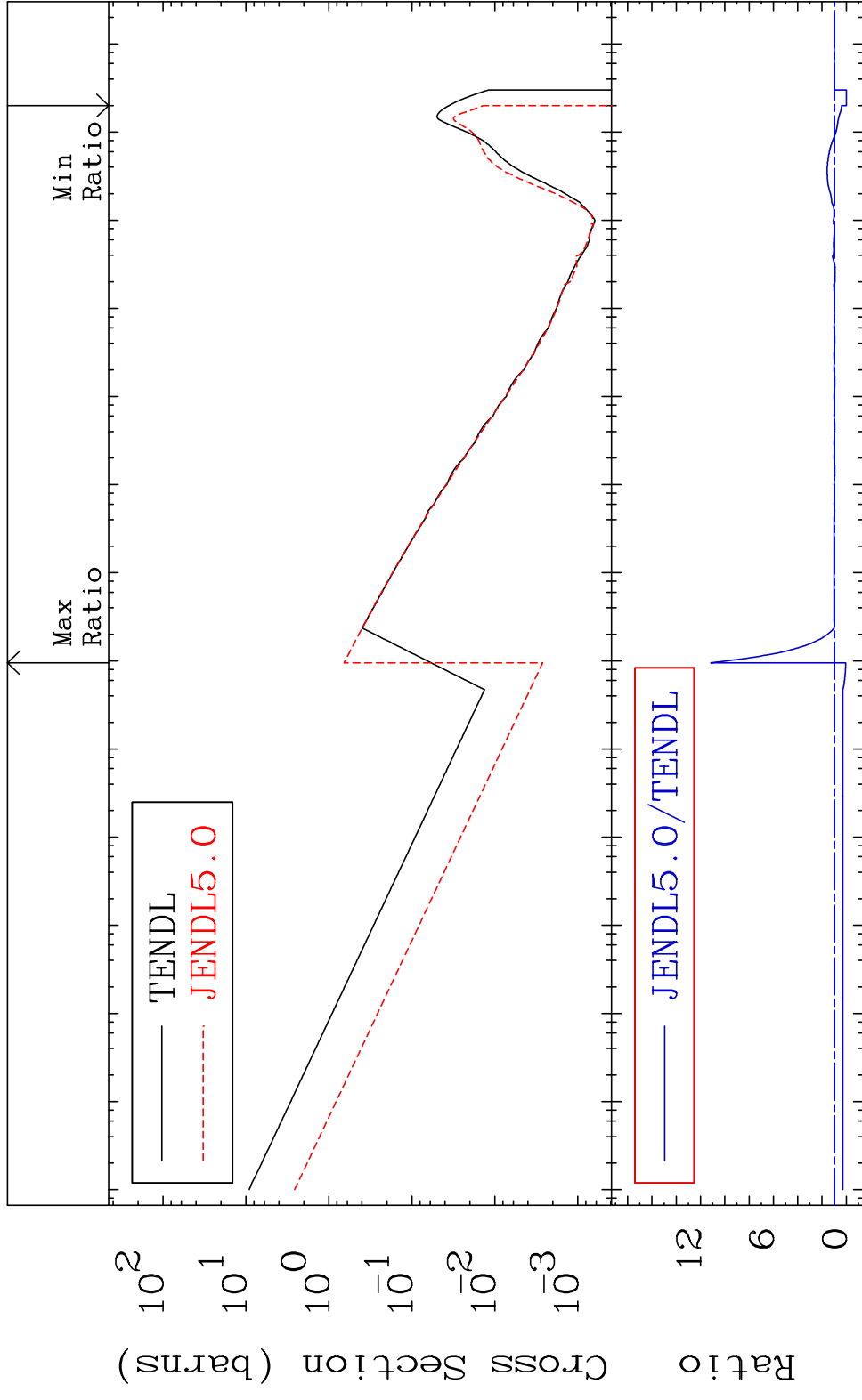


MAT 3628

36-Kr-79

(n, α)

Cross Section -100.0 To 1016. %



45

Incident Energy (eV)

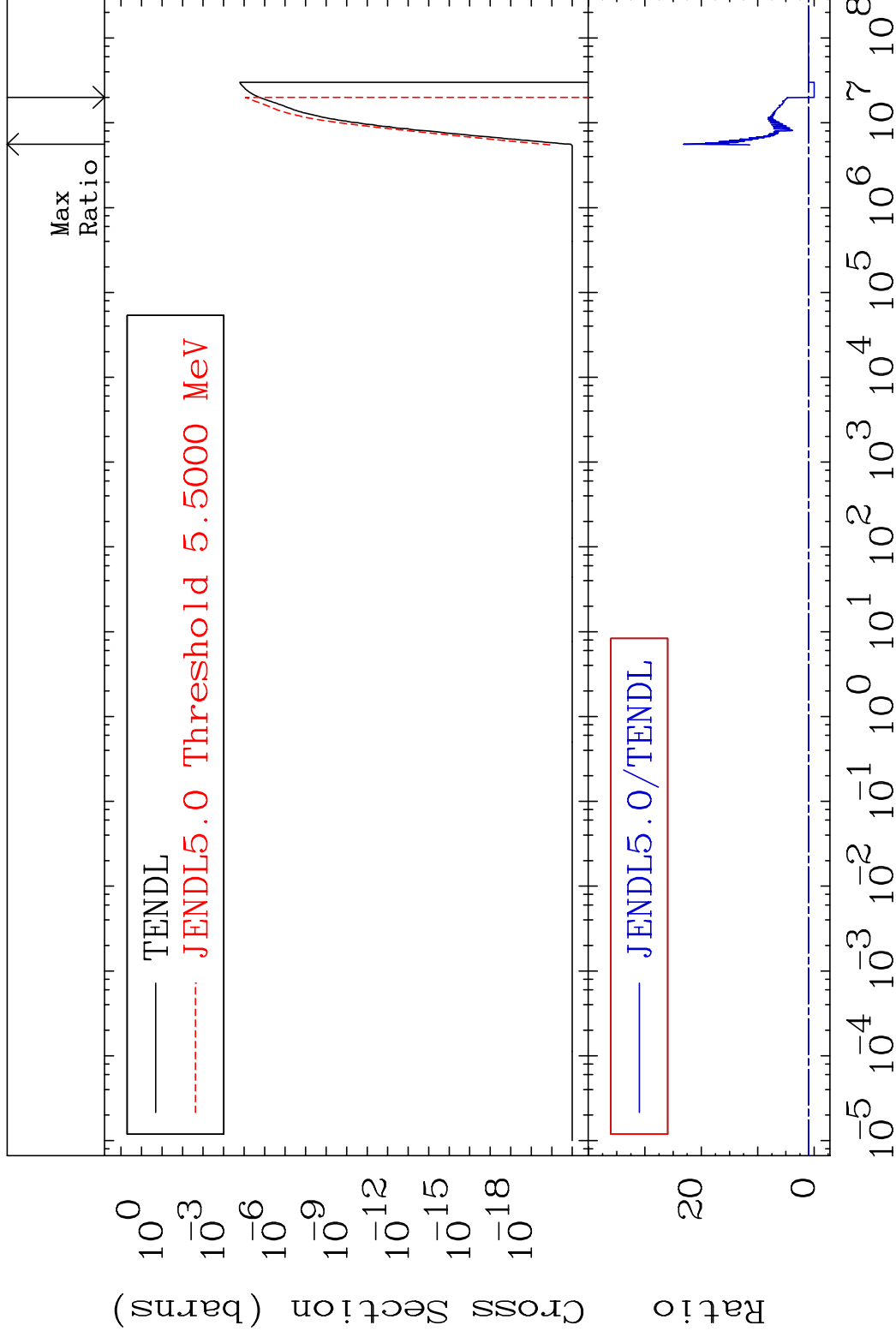
36-Kr-79

MAT 3628

(n,2α)

36-Kr-79

Cross Section -100.0 To 2213. %



46

Incident Energy (eV)

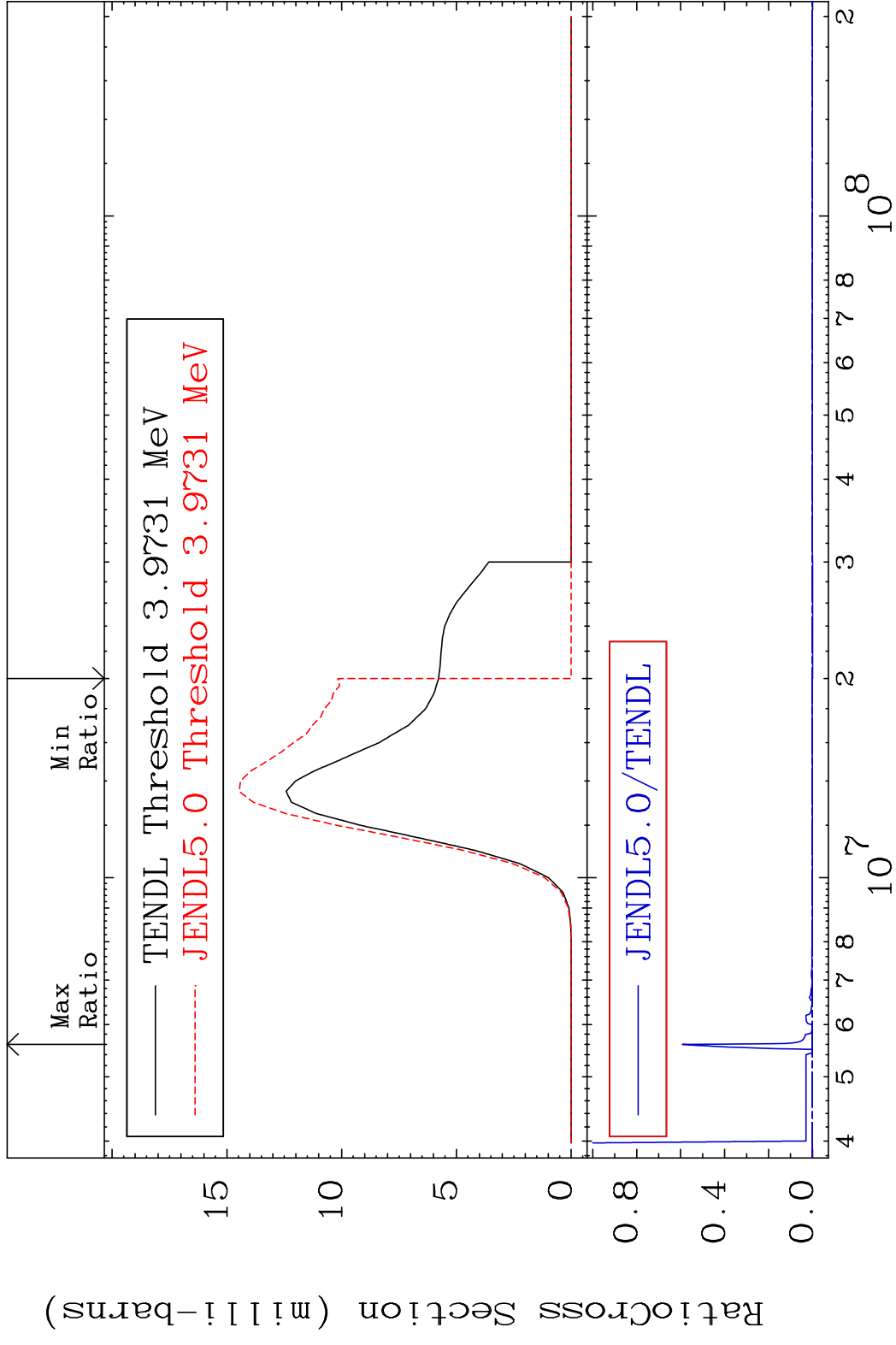
36-Kr-79

MAT 3628

(n,2p)

36-Kr-79

Cross Section -100.0 To 9999. %

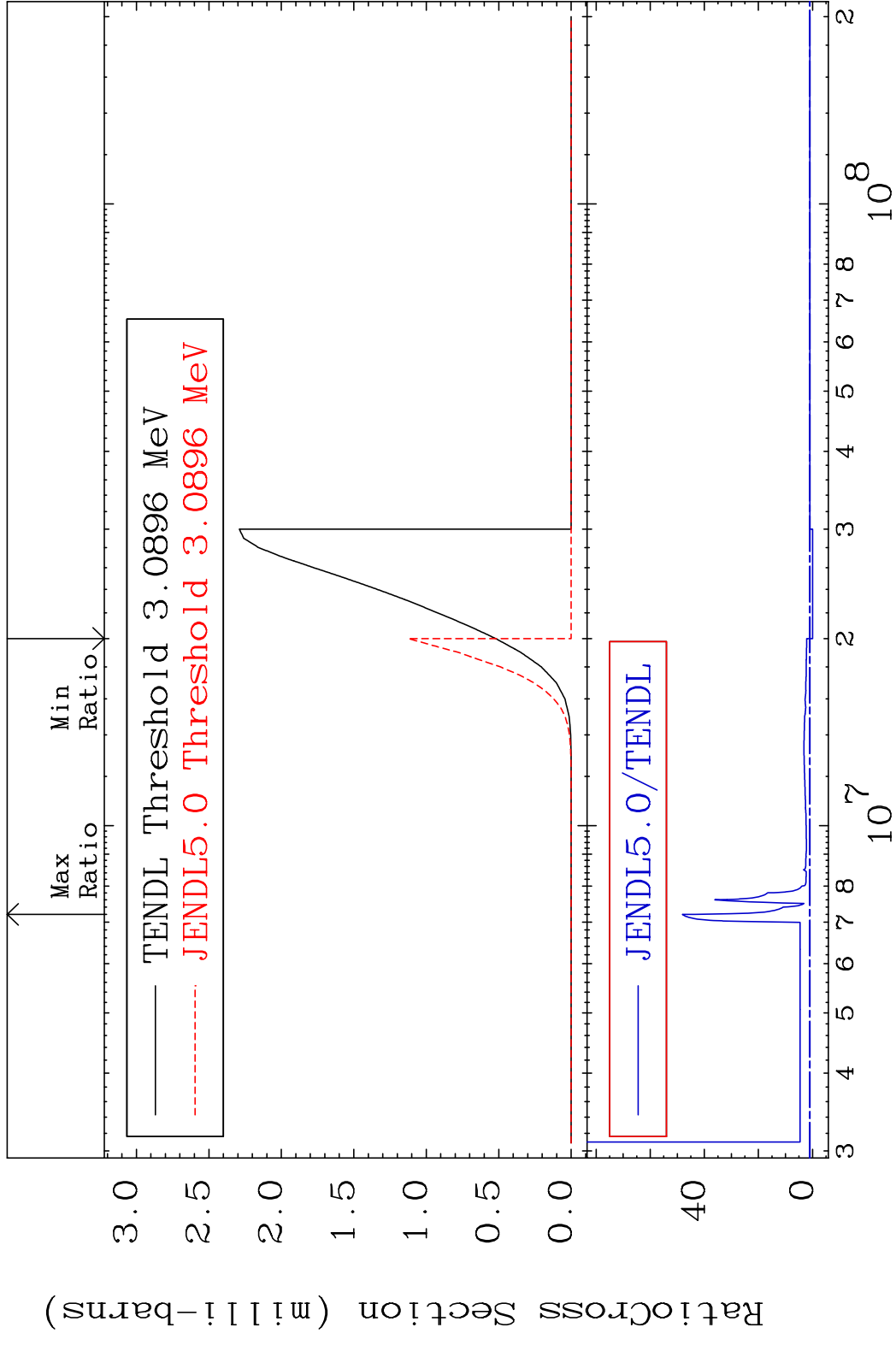


47

Incident Energy (eV)

36-Kr-79

MAT 3628 (n,p) α 36-Kr-79
 Cross Section -100.0 To 4712. %

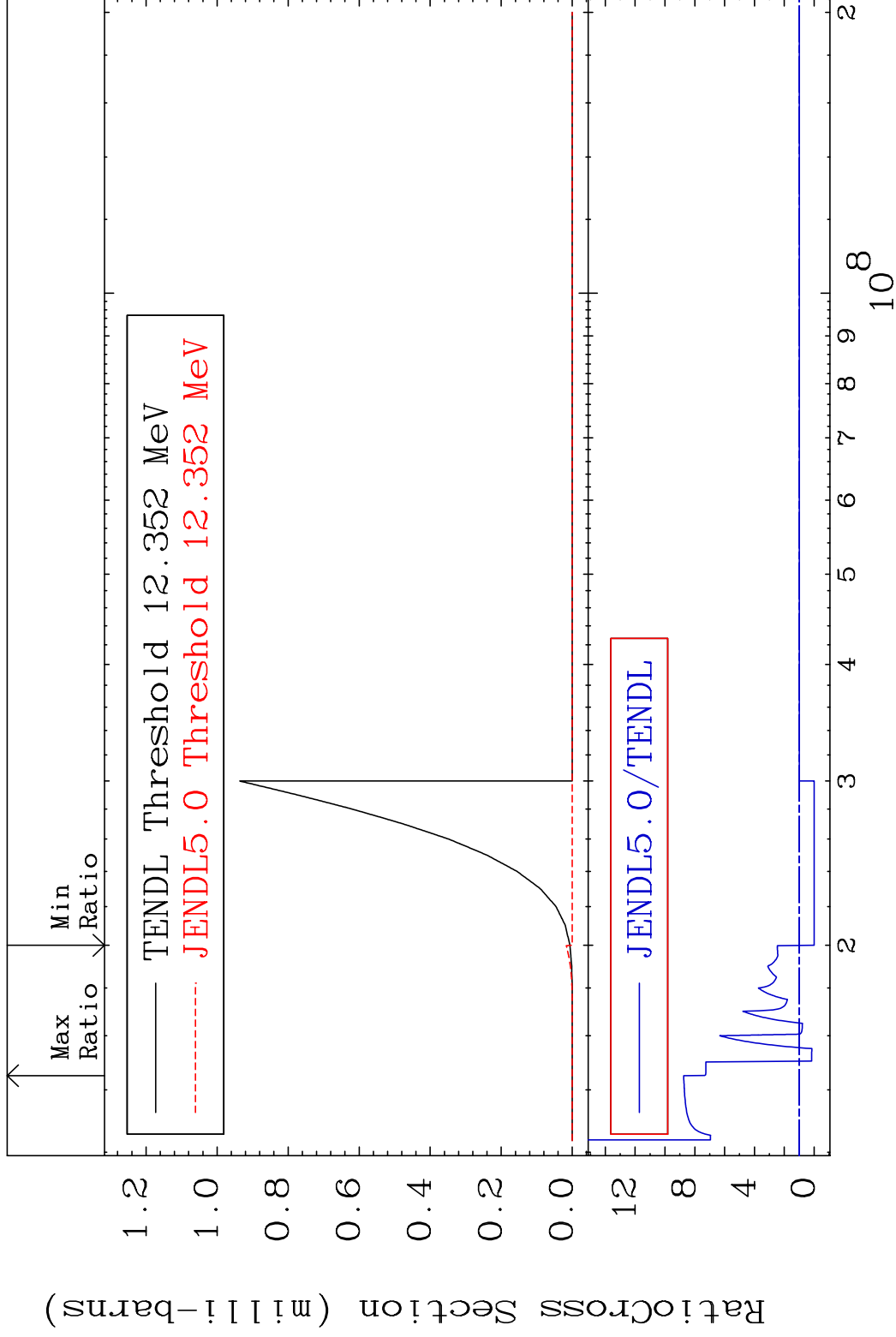


MAT 3628

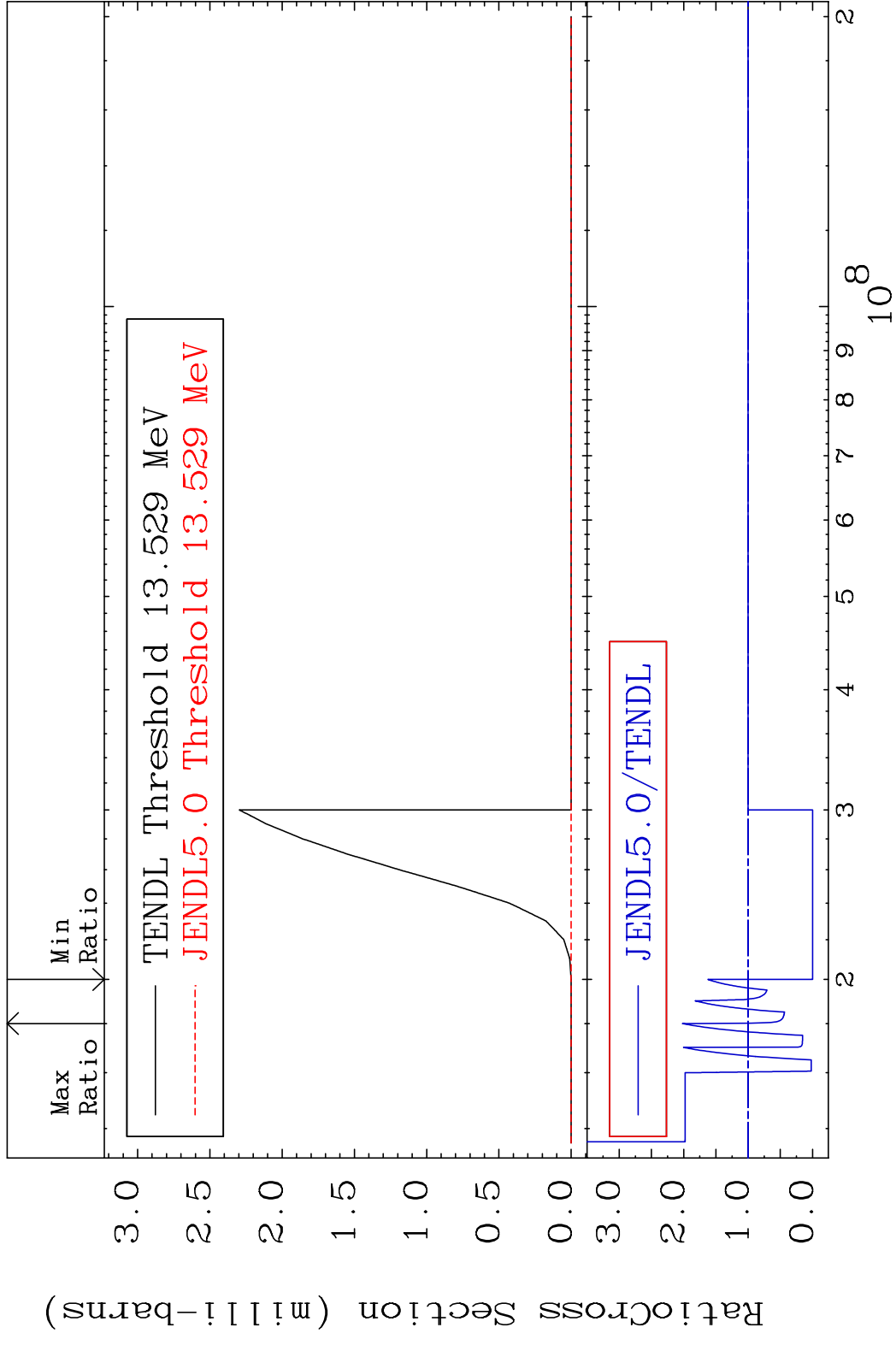
(n,p) d

36-Kr-79

Cross Section -100.0 To 774.7 %



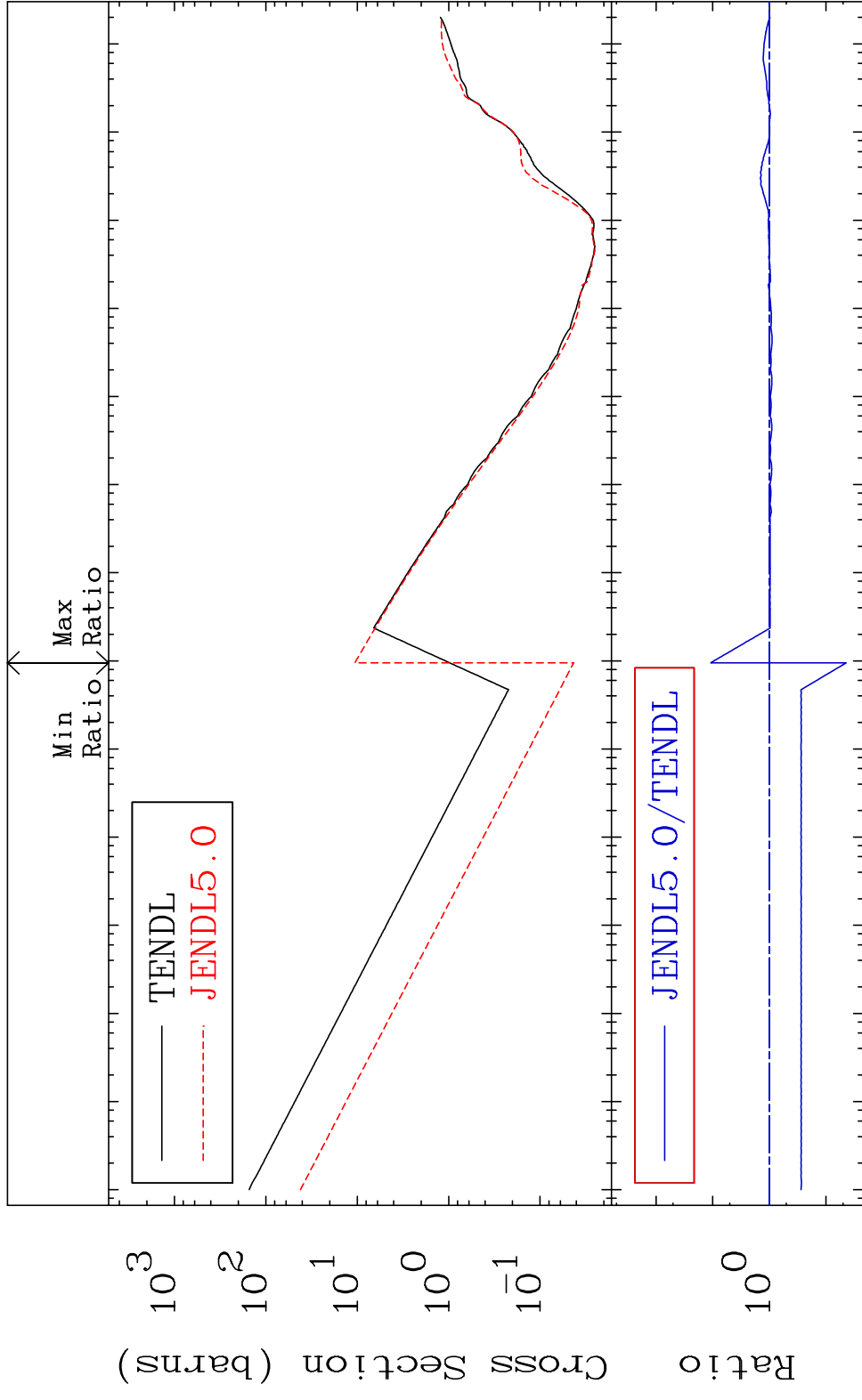
MAT 3628 (n,p) t 36-Kr-79
 Cross Section -100.0 To 102.0 %



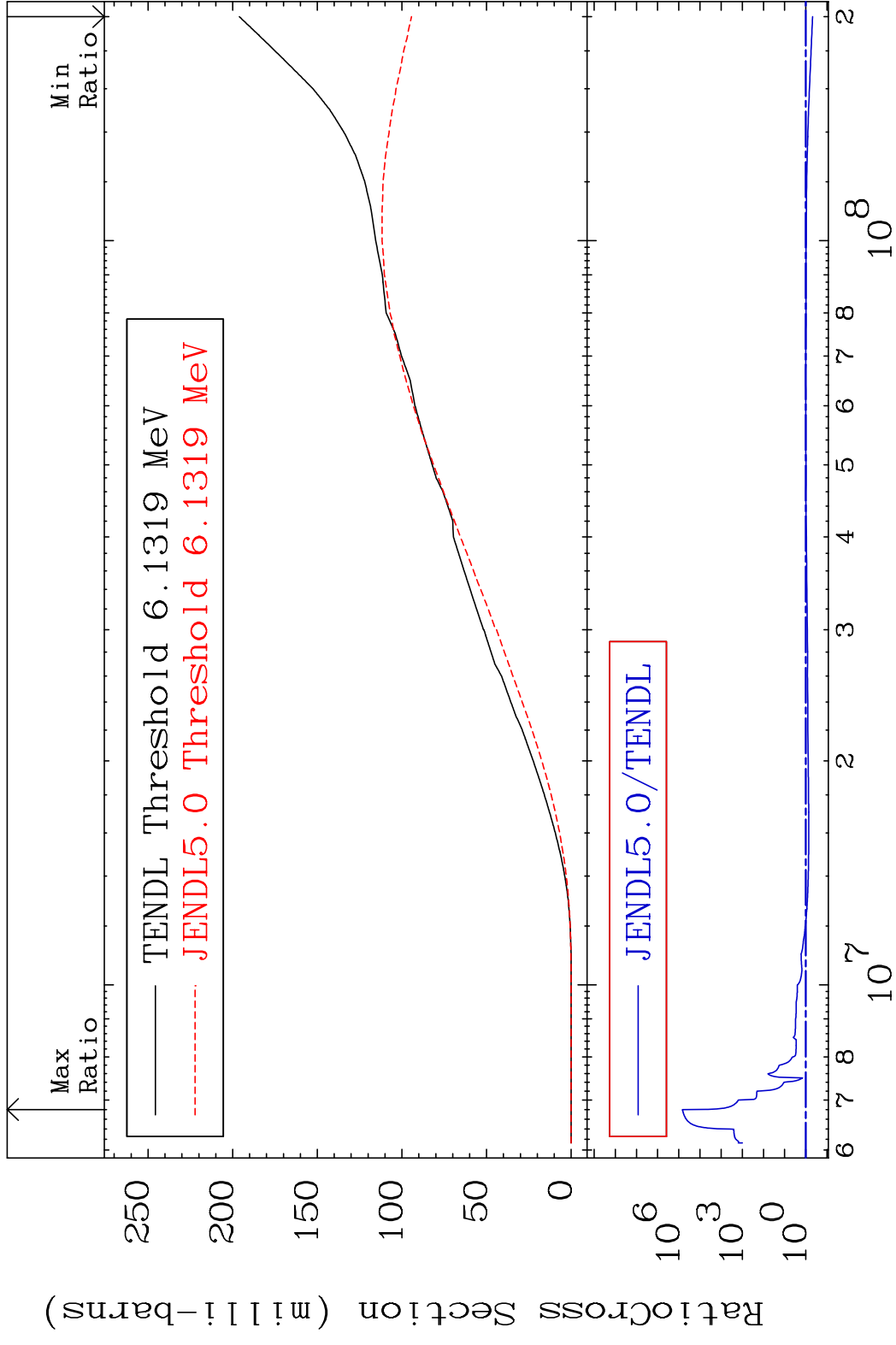
MAT 3628

Hydrogen Production
Cross Section -95.62 To 983.1 %

36-Kr-79



MAT 3628 Deuterium Production 36-Kr-79
 Cross Section -51.89 To 9999. %



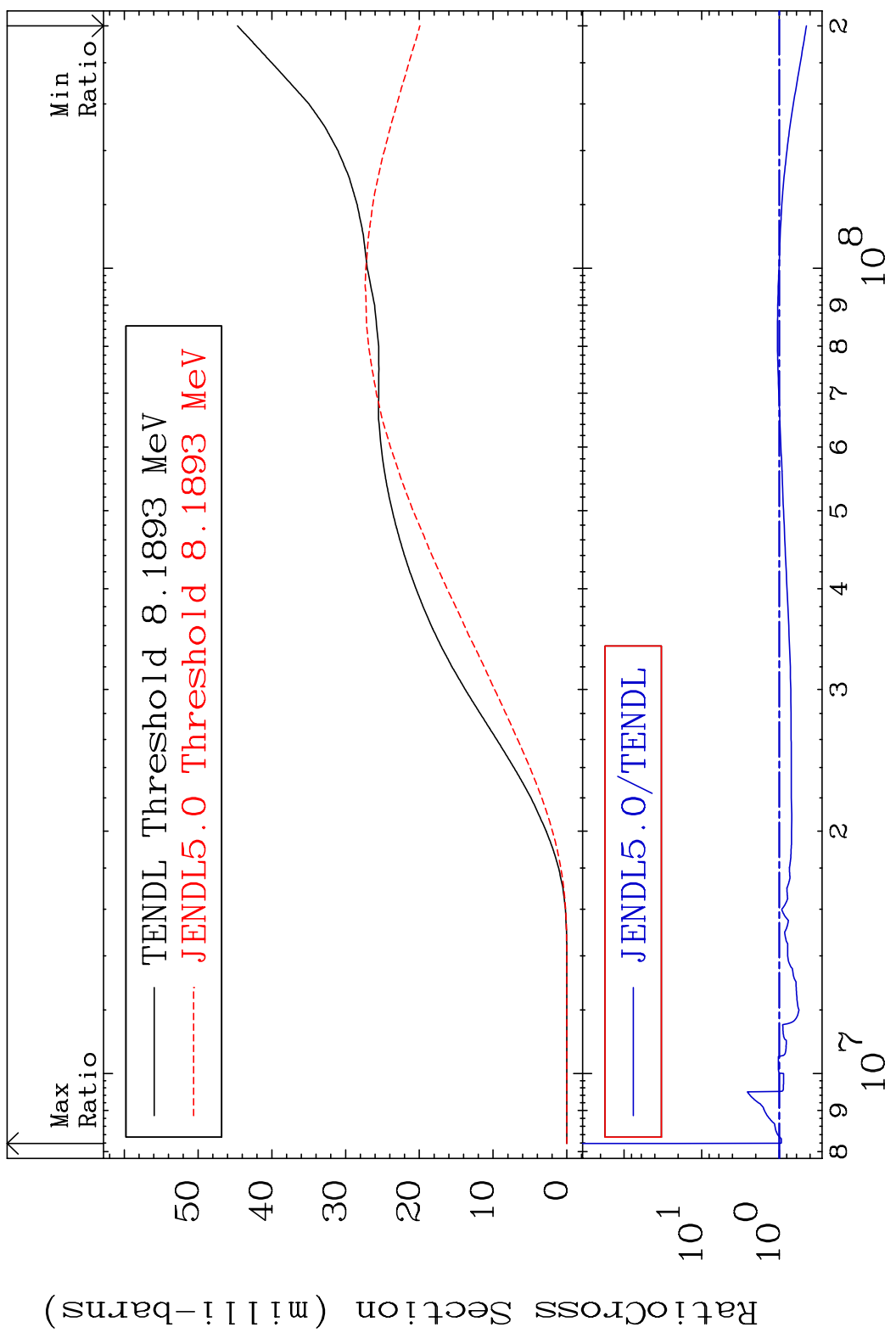
52 Incident Energy (eV) 36-Kr-79

MAT 3628

Tritium Production

36-Kr-79

Cross Section -55.35 To 1962. %



53

Incident Energy (eV)

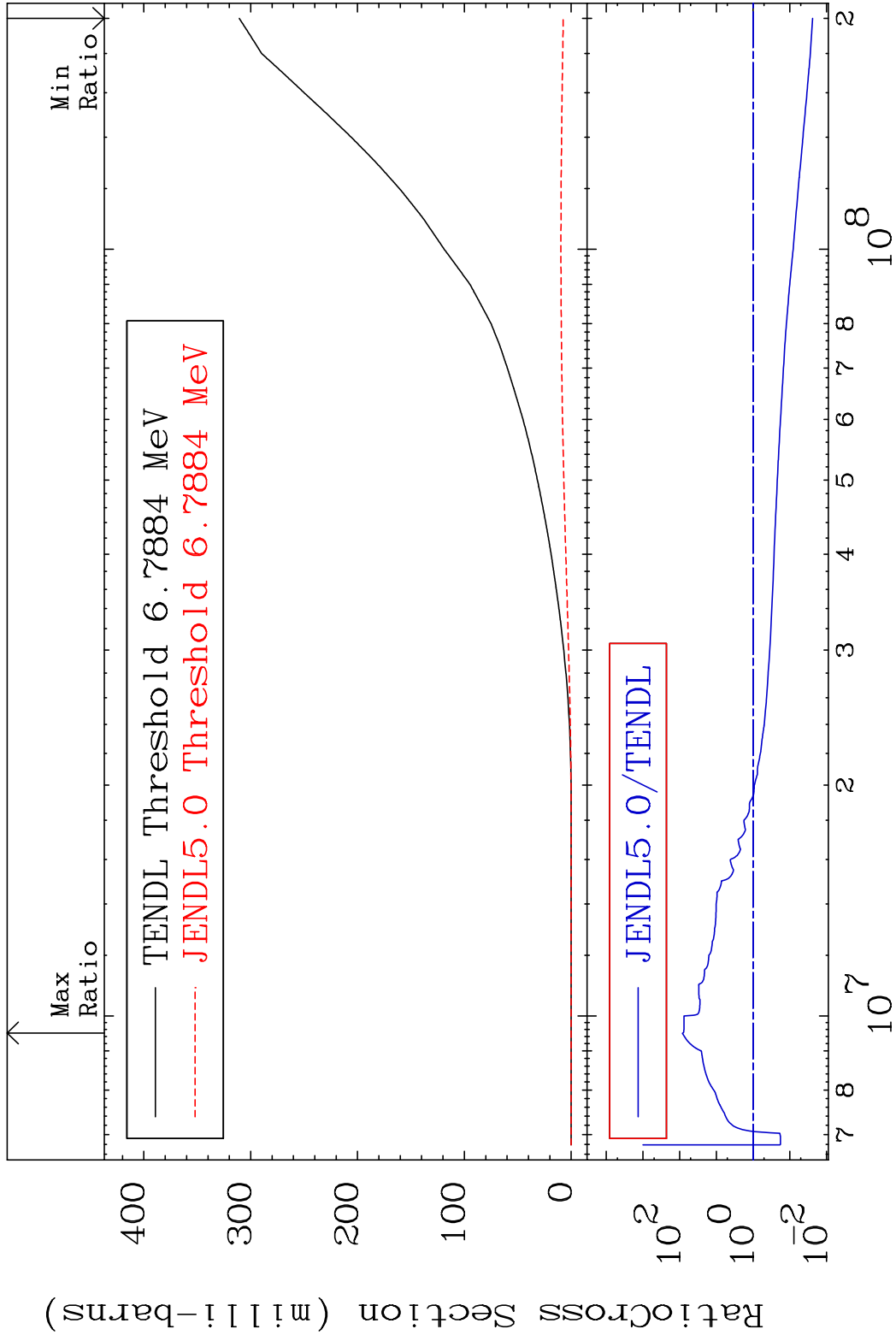
36-Kr-79

MAT 3628

He-3 Production

36-Kr-79

Cross Section -97.61 To 8347. %



54

Incident Energy (eV)

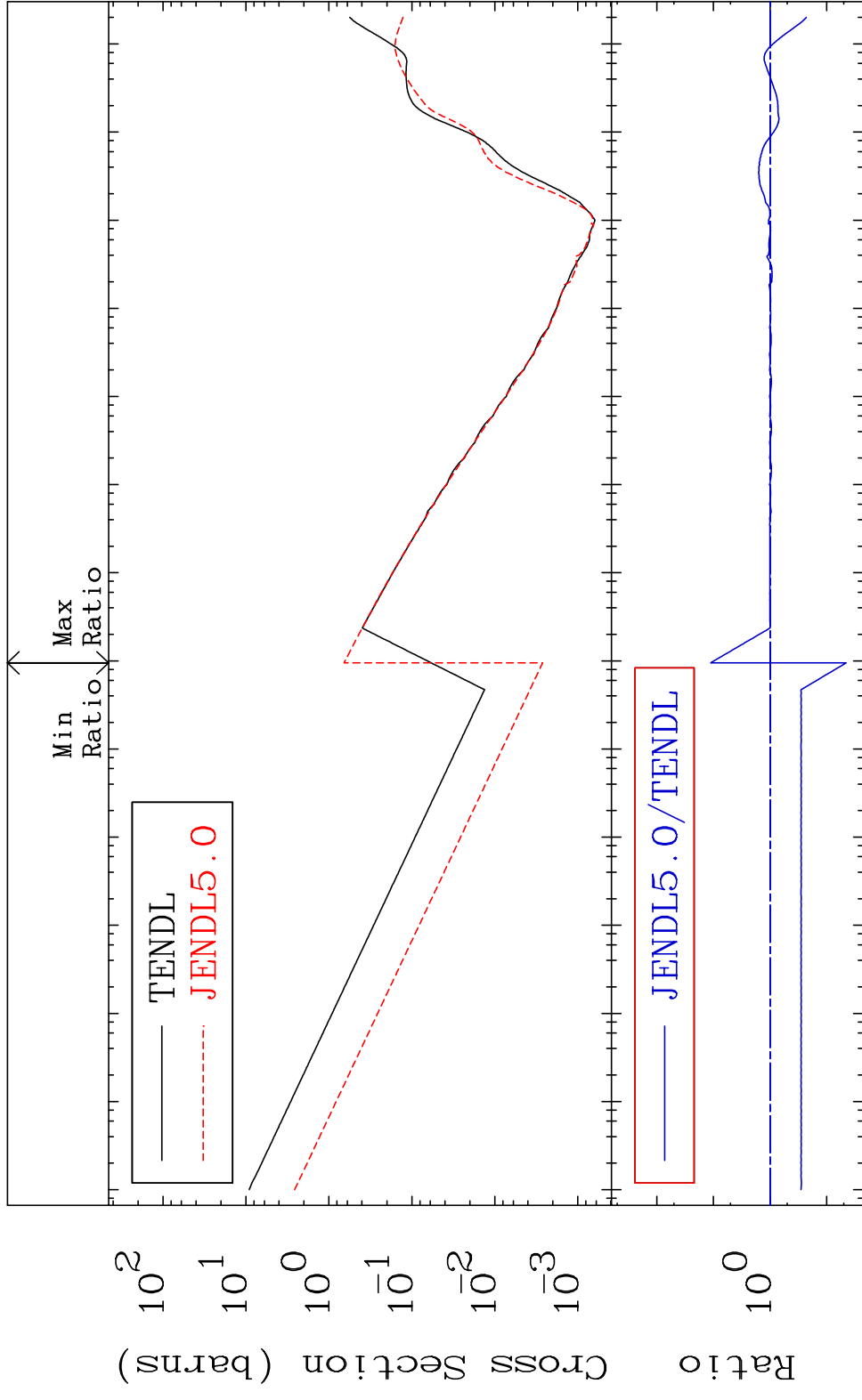
36-Kr-79

MAT 3628

He-4 Production

36-Kr-79

Cross Section -95.49 To 1016. %

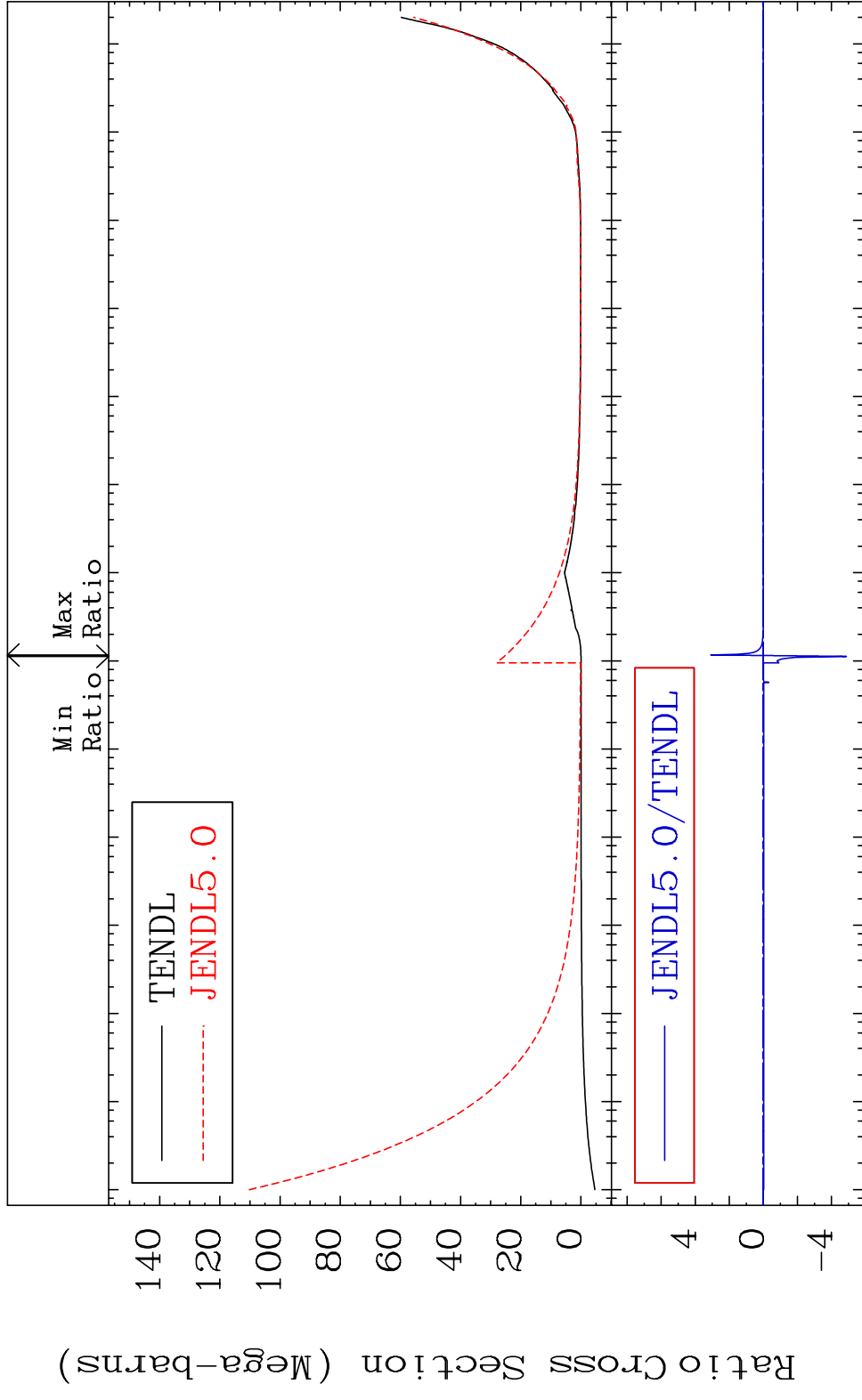


55

Incident Energy (eV)

36-Kr-79

MAT 3628 Kerma total (eV-barns) 36-Kr-79
 Cross Section -9999. To 9999. %

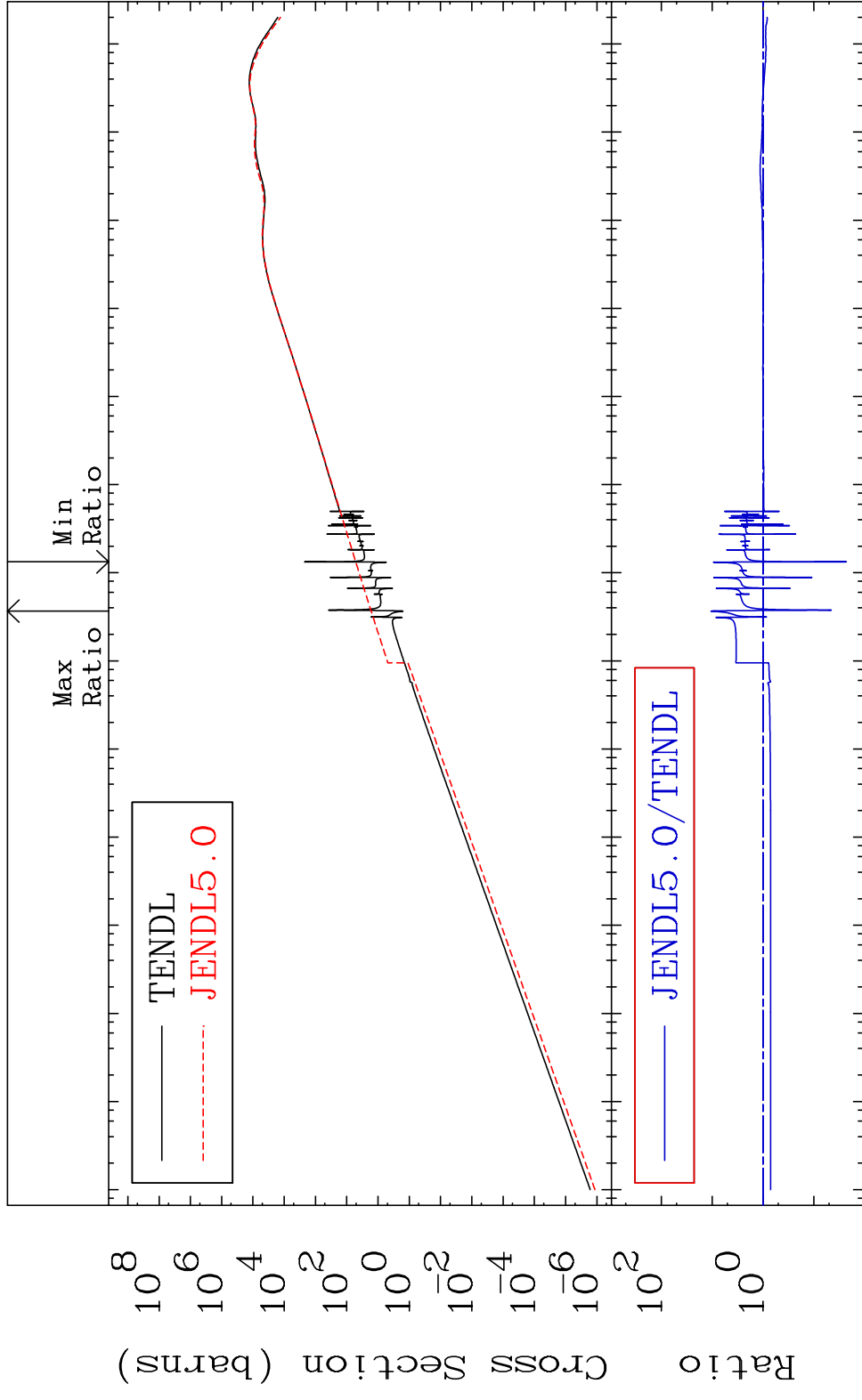


56 Incident Energy (eV) 36-Kr-79

MAT 3628

Kerma elastic
Cross Section

36-Kr-79
-97.72 To 966.2 %

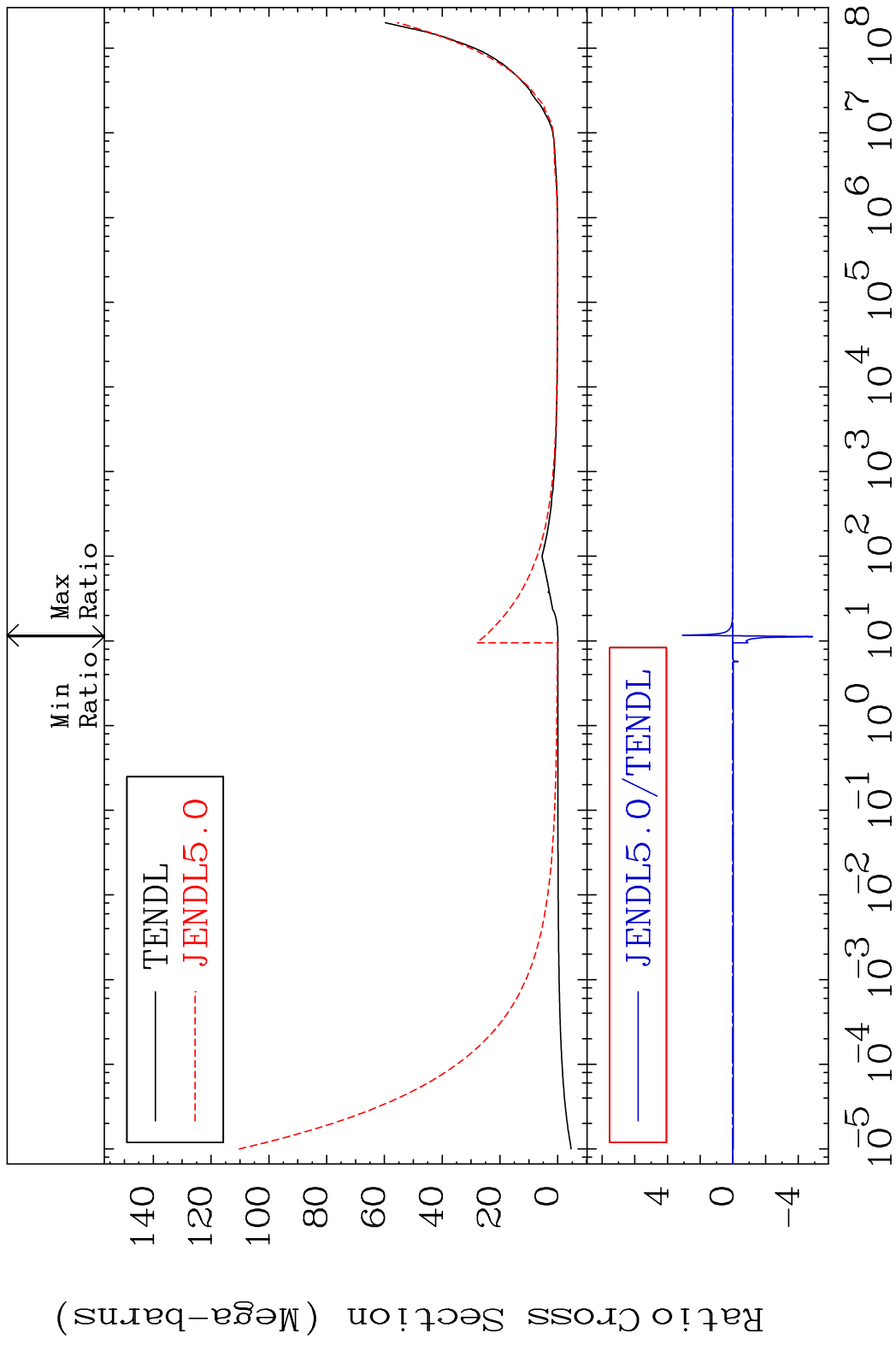


57

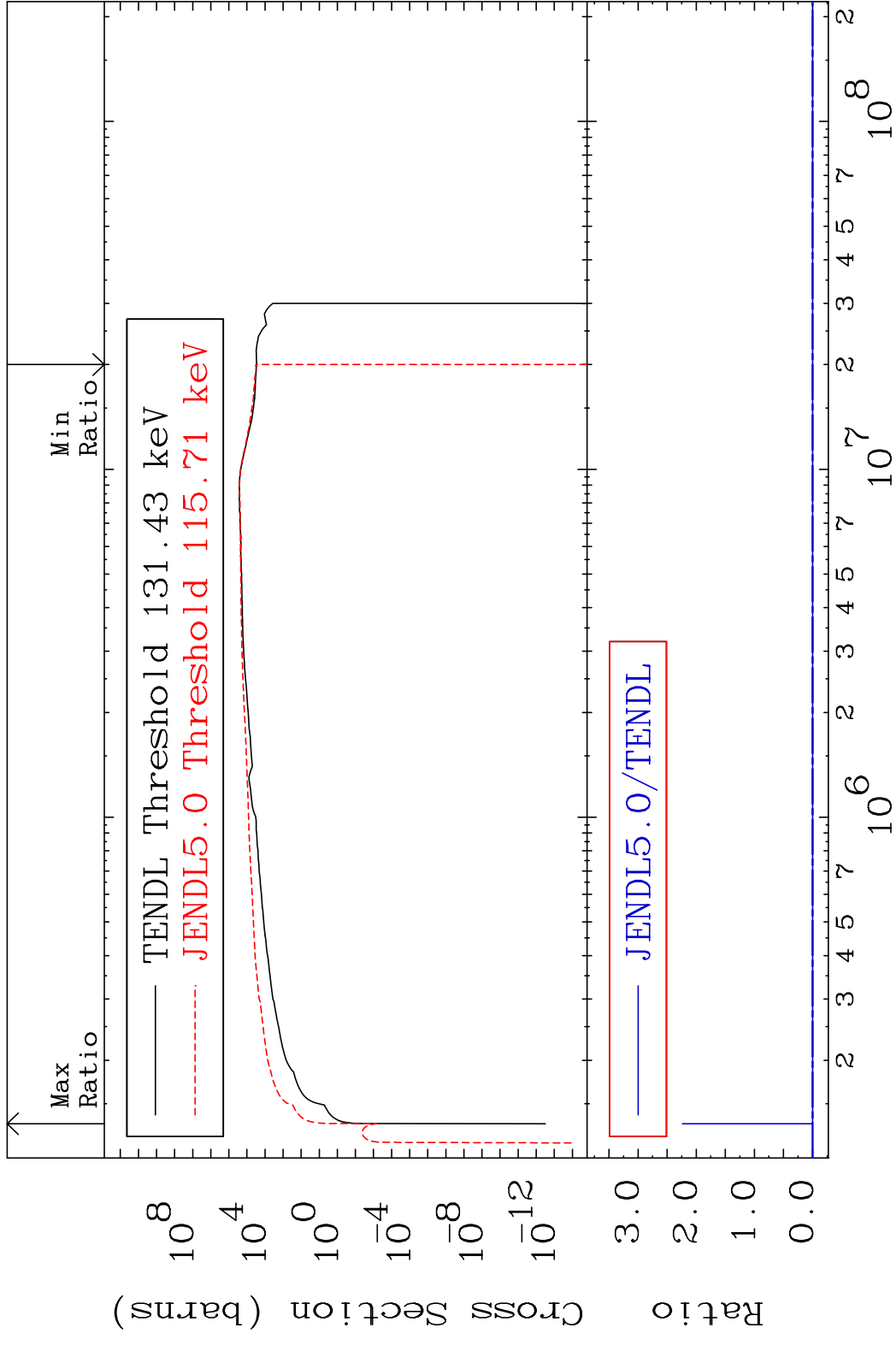
Incident Energy (eV)

36-Kr-79

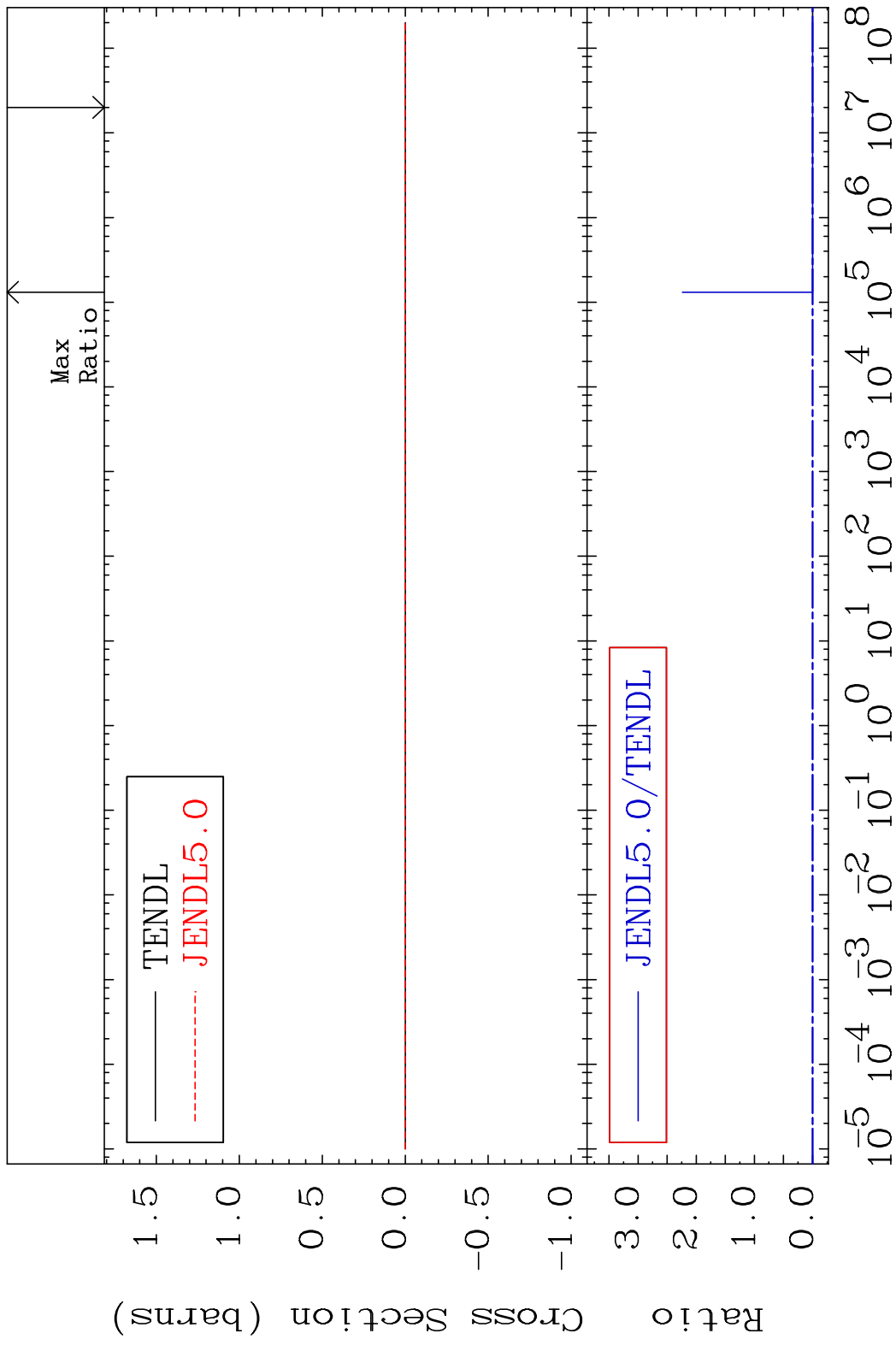
MAT 3628 Kerma non-elastic (all but mt2) 36-Kr-79
 Cross Section -9999. To 9999. %



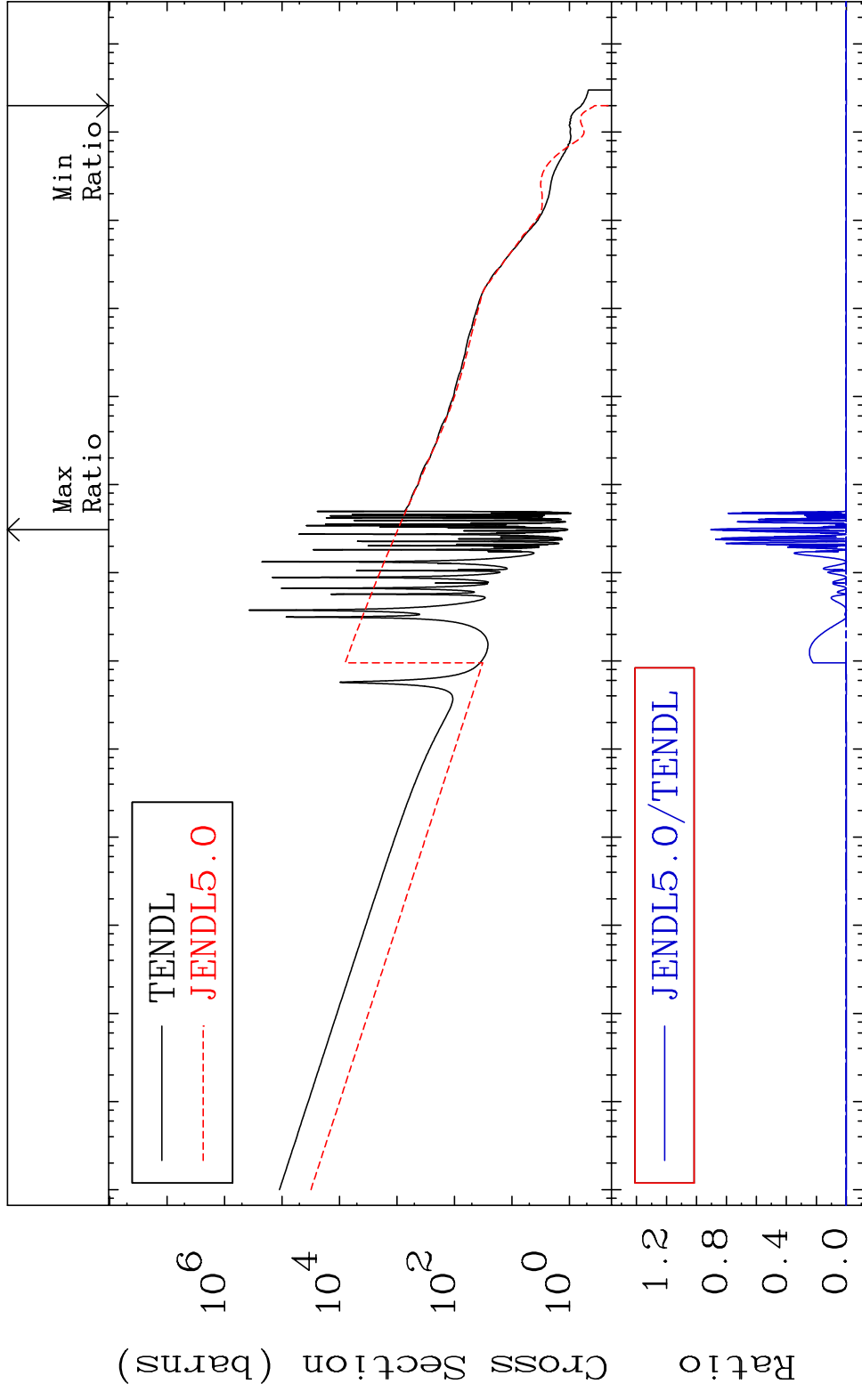
MAT 3628 Kerma inelastic (mt51-91) 36-Kr-79
 Cross Section -100.0 To 9999. %



MAT 3628 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-79
 Cross Section -100.0 To 9999. %

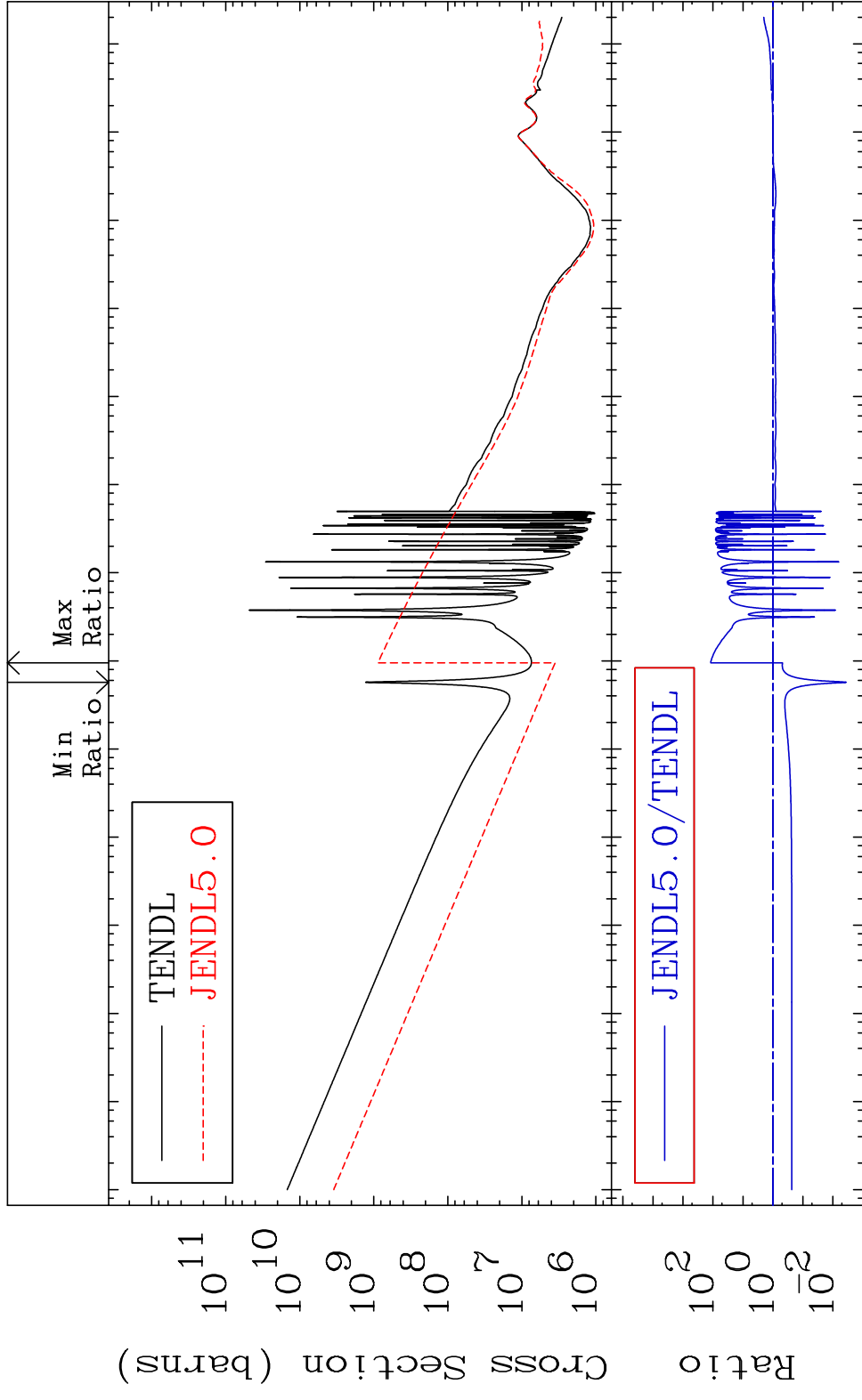


MAT 3628 Kerma capture (mt102) 36-Kr-79
 Cross Section -100.0 To 9999. %

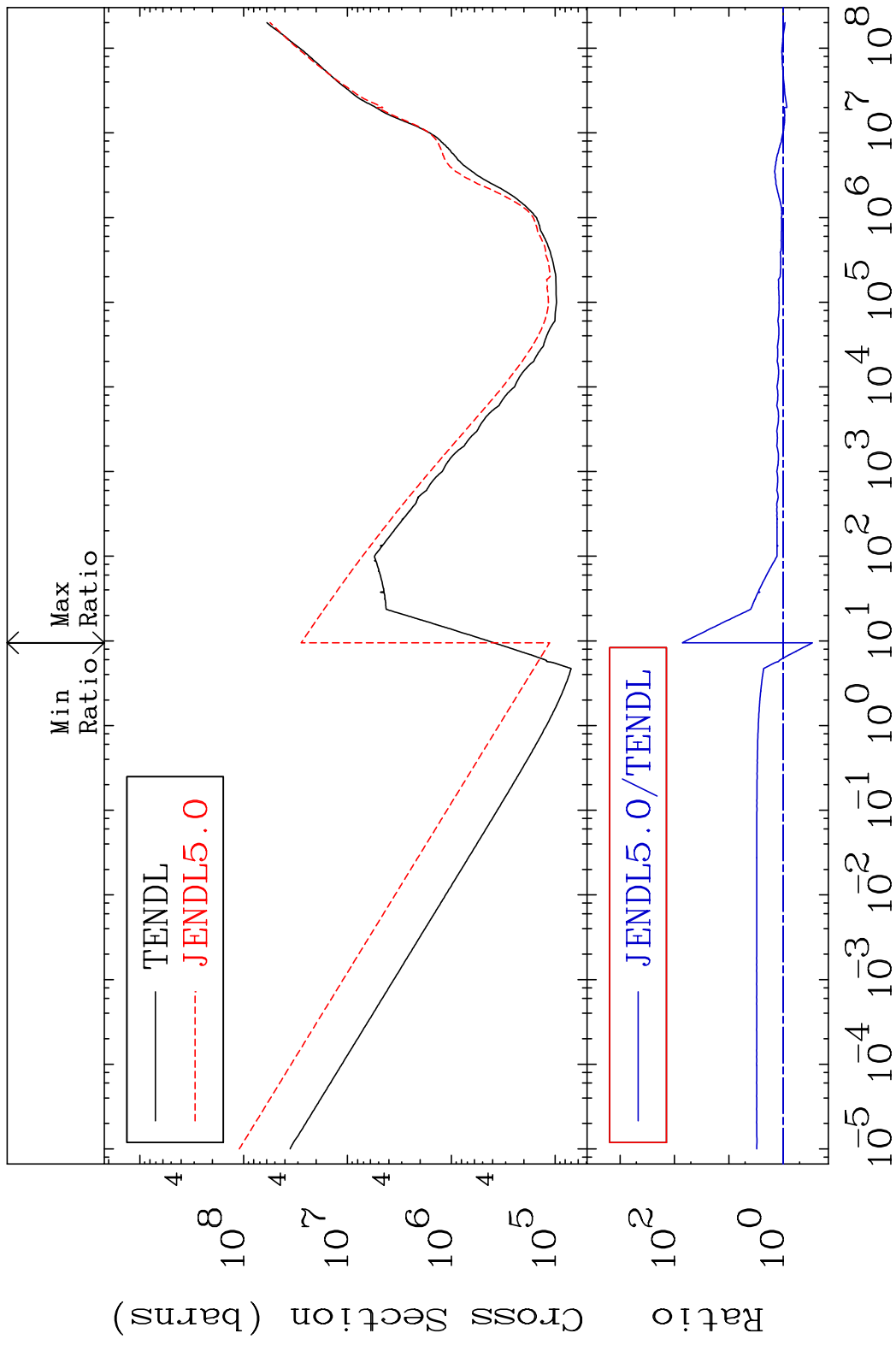


61 Incident Energy (eV) 36-Kr-79

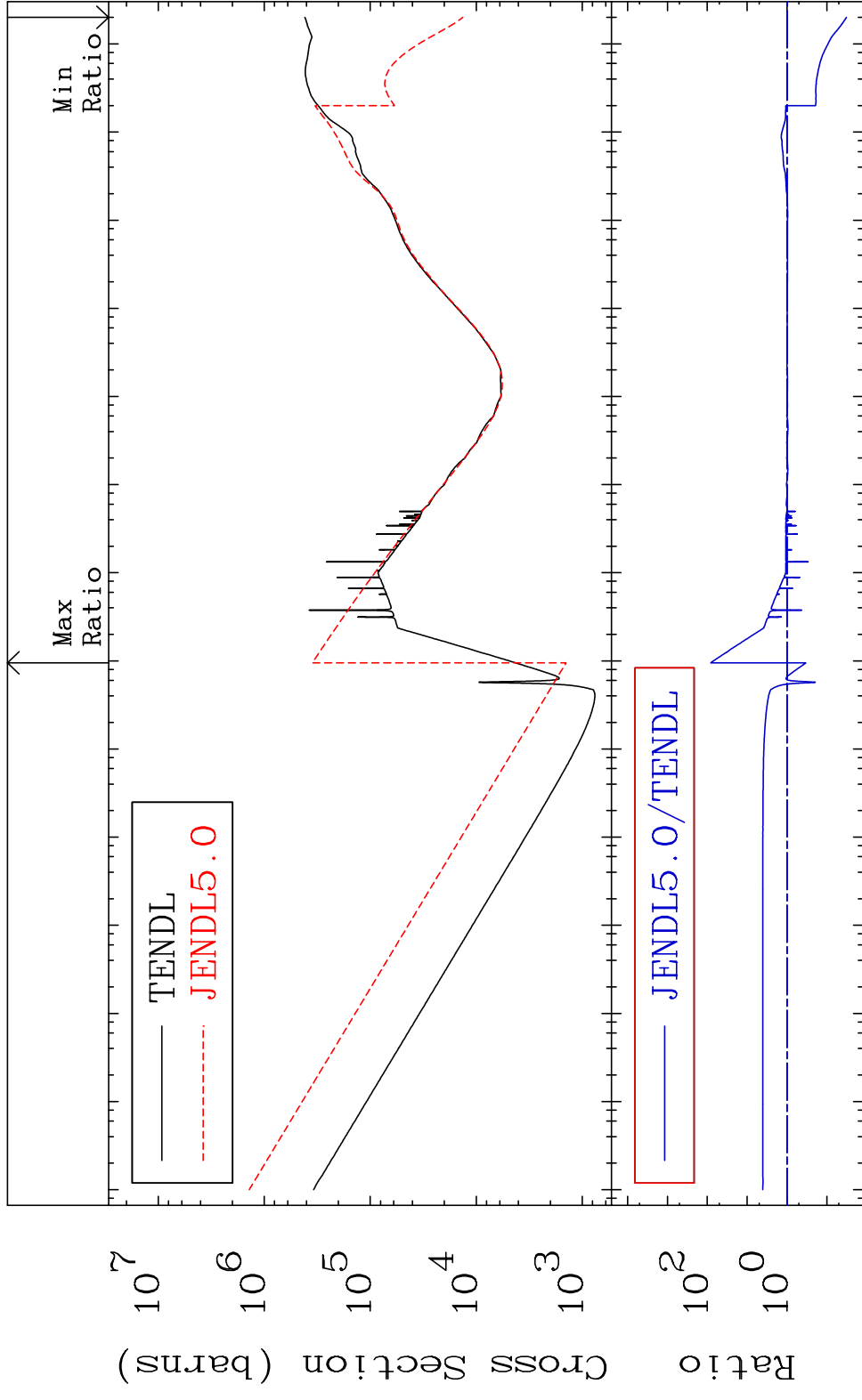
MAT 3628 Total photon (eV-barns) 36-Kr-79
 Cross Section -99.64 To 9999. %



MAT 3628 Total kinematic kerma (high limit) 36-Kr-79
 Cross Section -71.11 To 7051. %



MAT 3628 Dpa total (eV-barns) 36-Kr-79
 Cross Section -96.76 To 8099. %

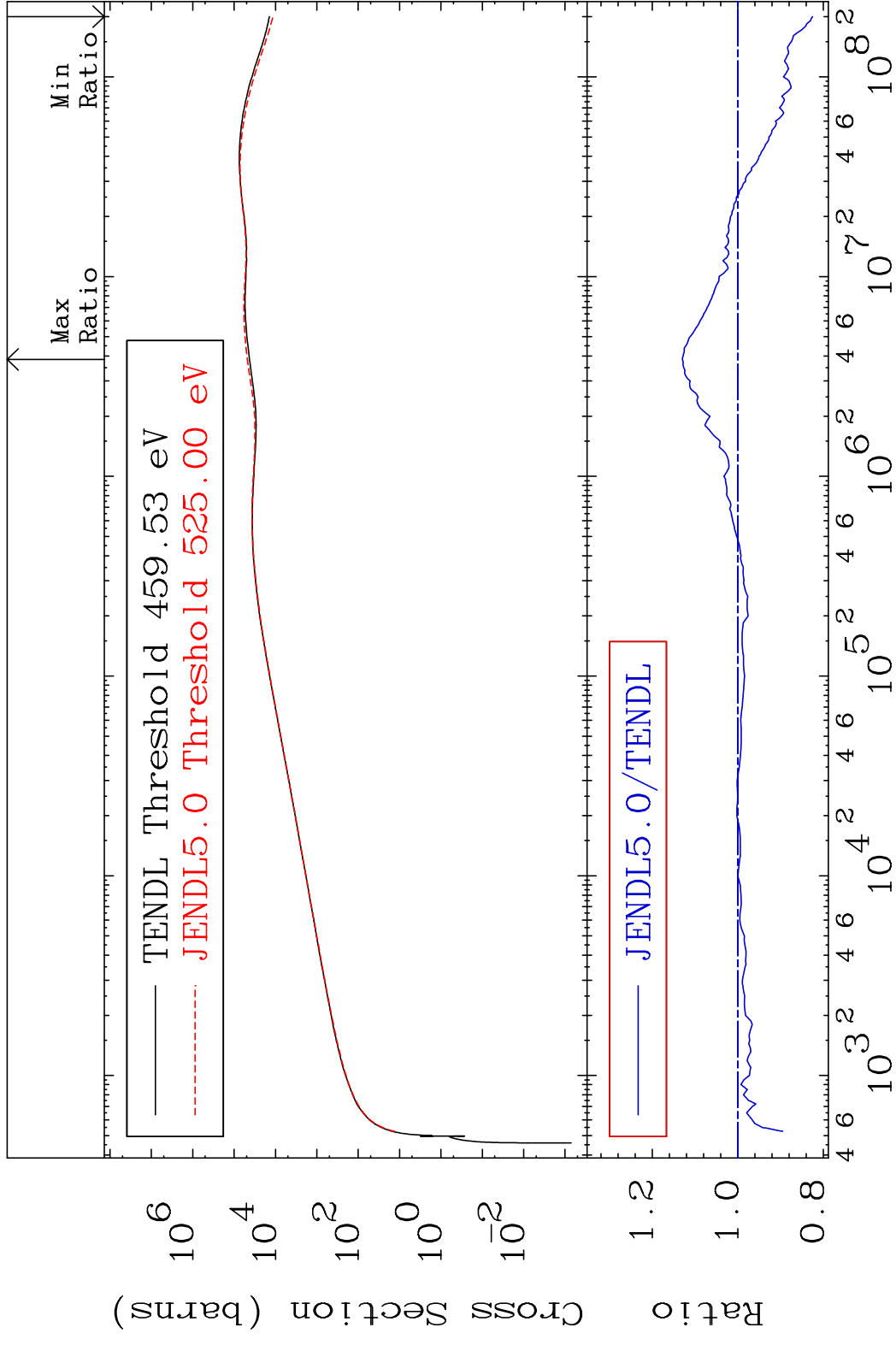


MAT 3628

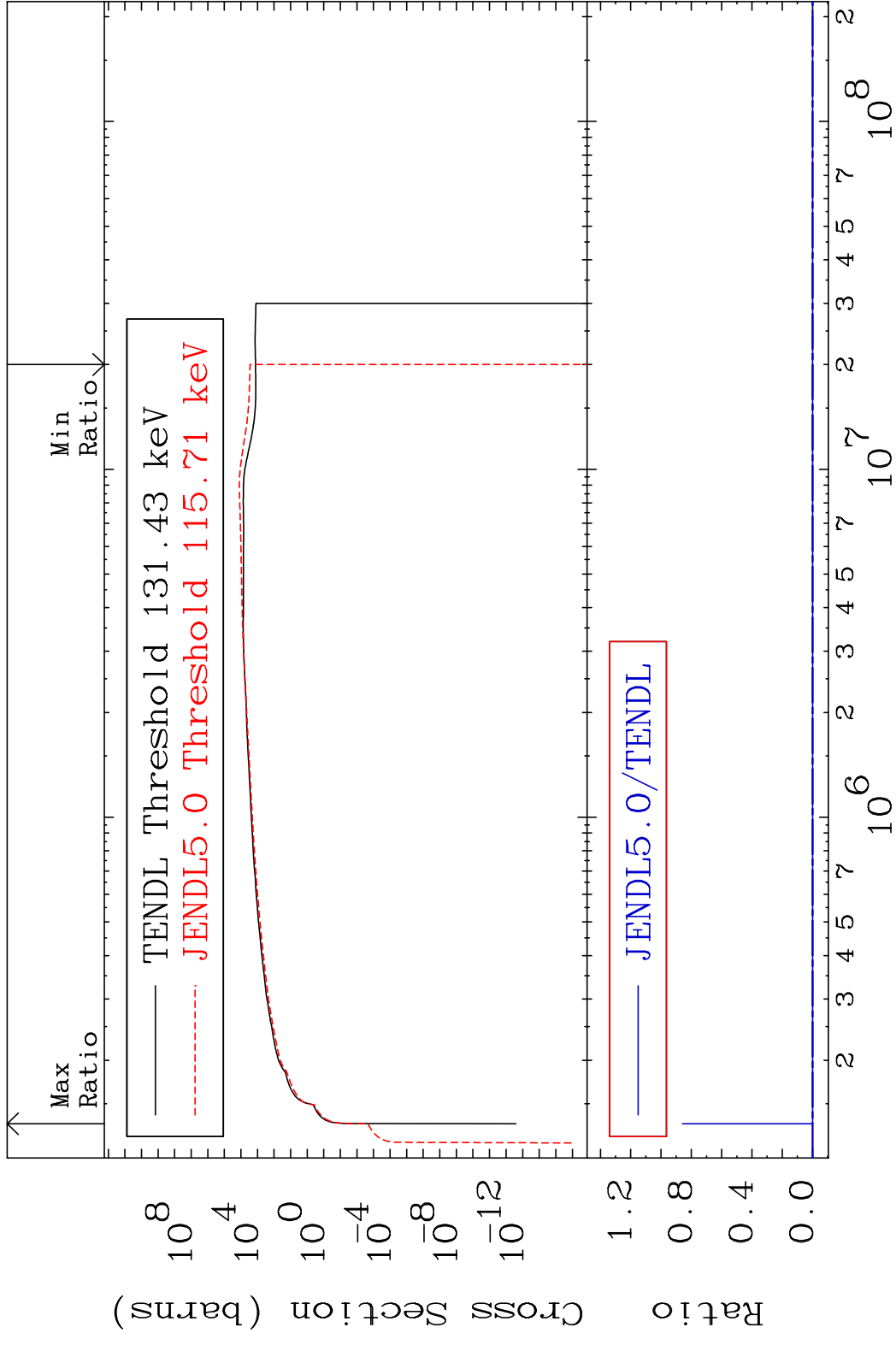
Dpa elastic (mt2)

36-Kr-79

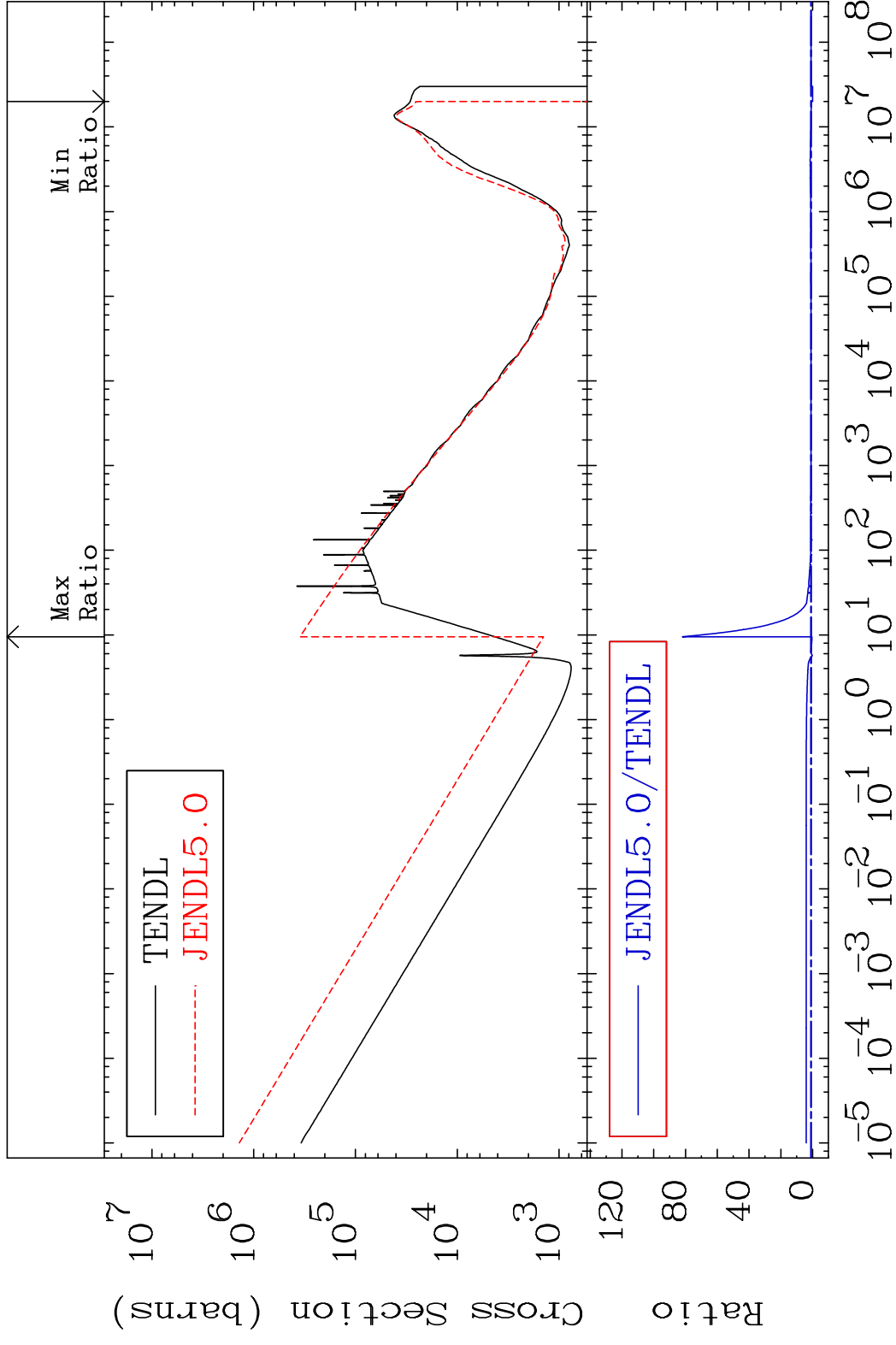
Cross Section -17.47 To 12.98 %

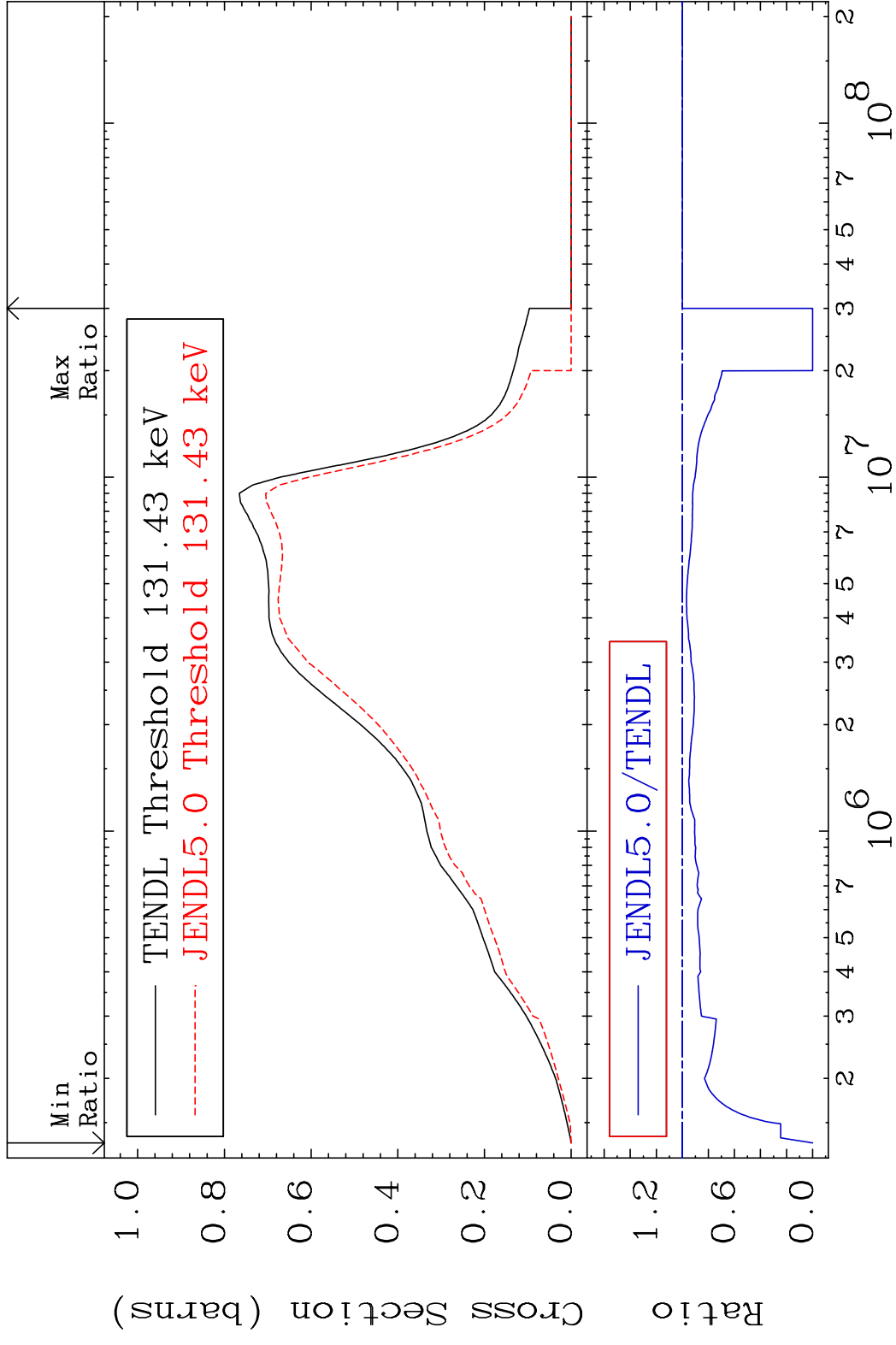


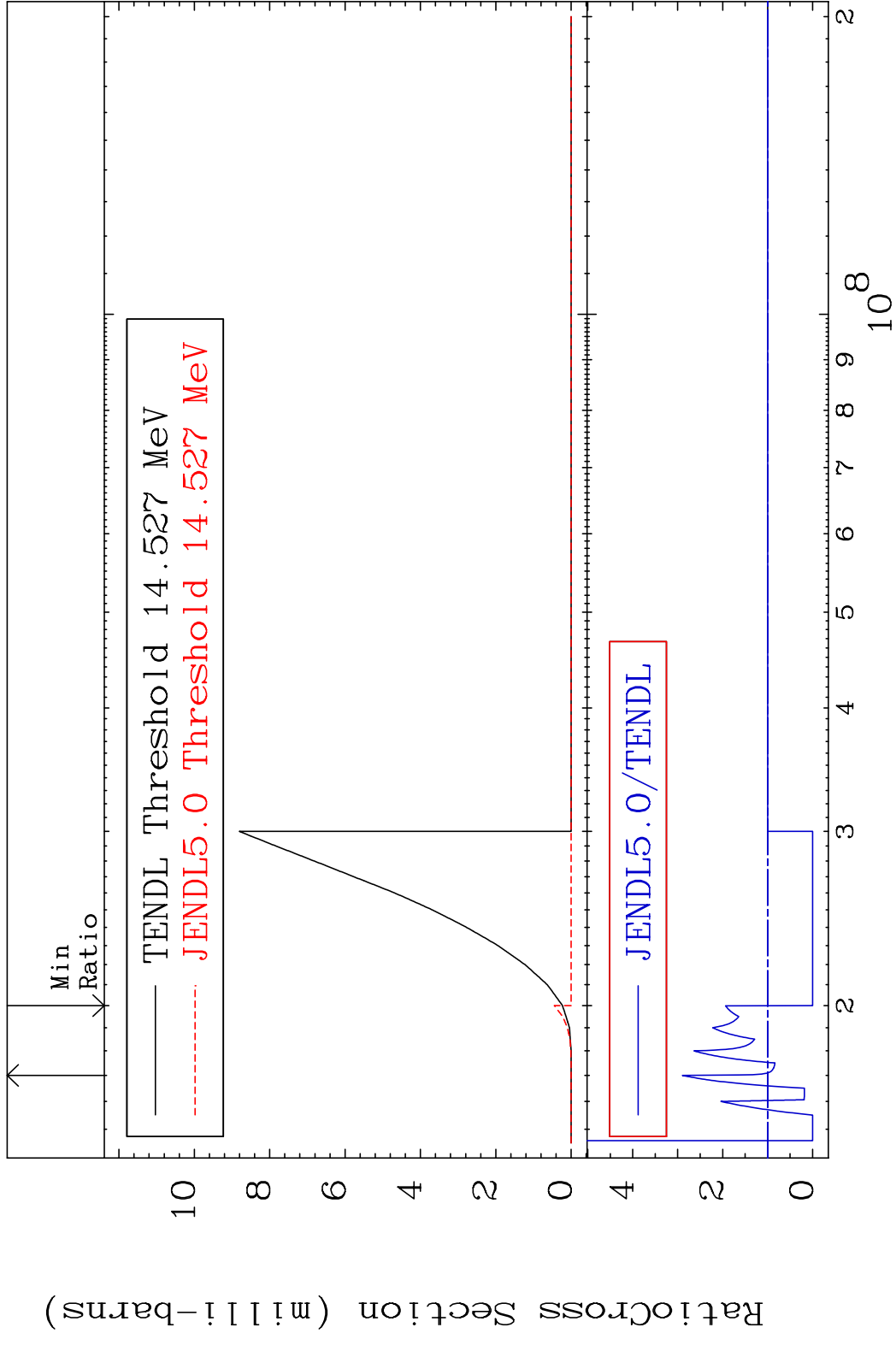
MAT 3628 Dpa inelastic (mt51-91) 36-Kr-79
 Cross Section -100.0 To 9999. %

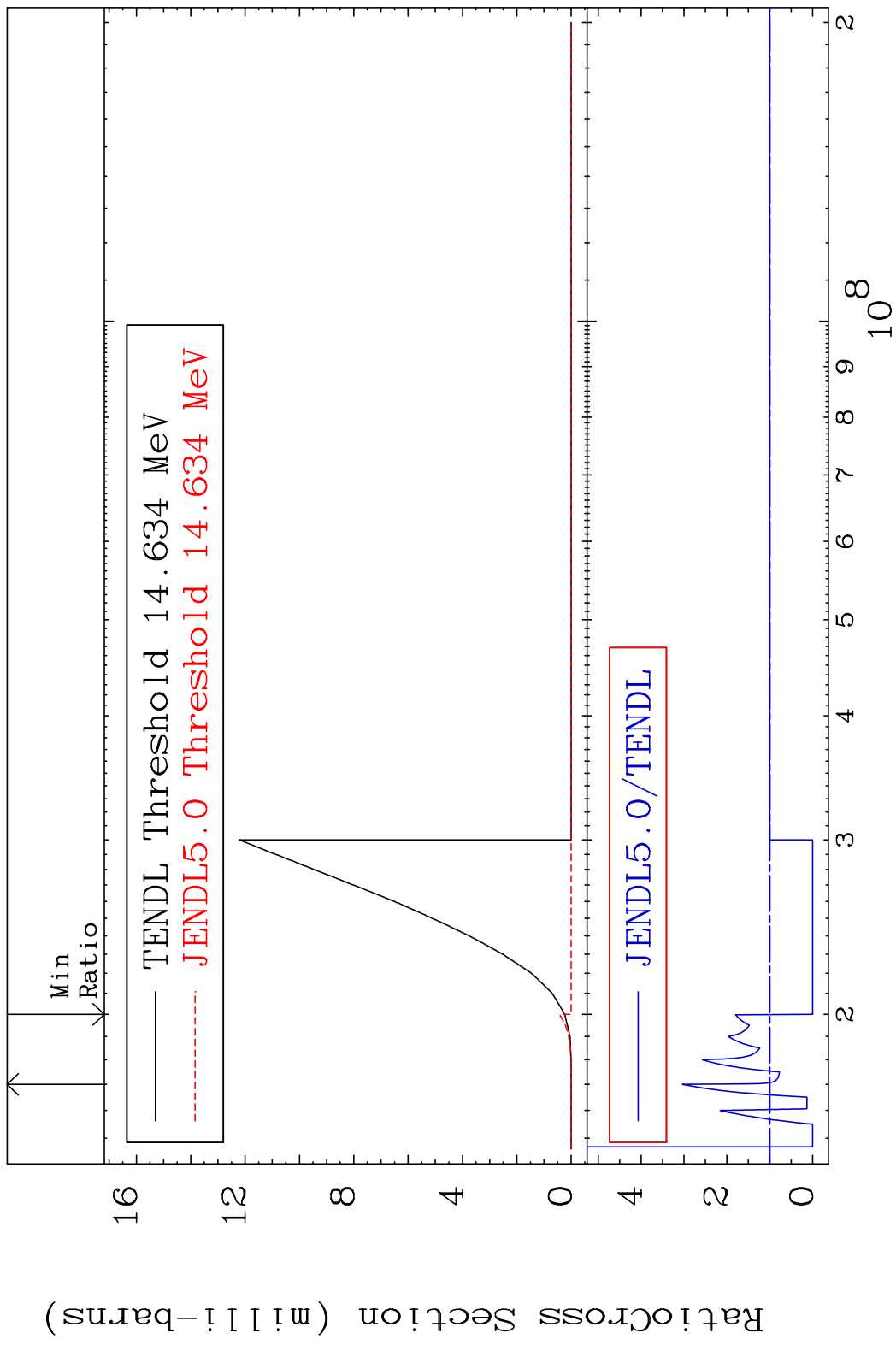


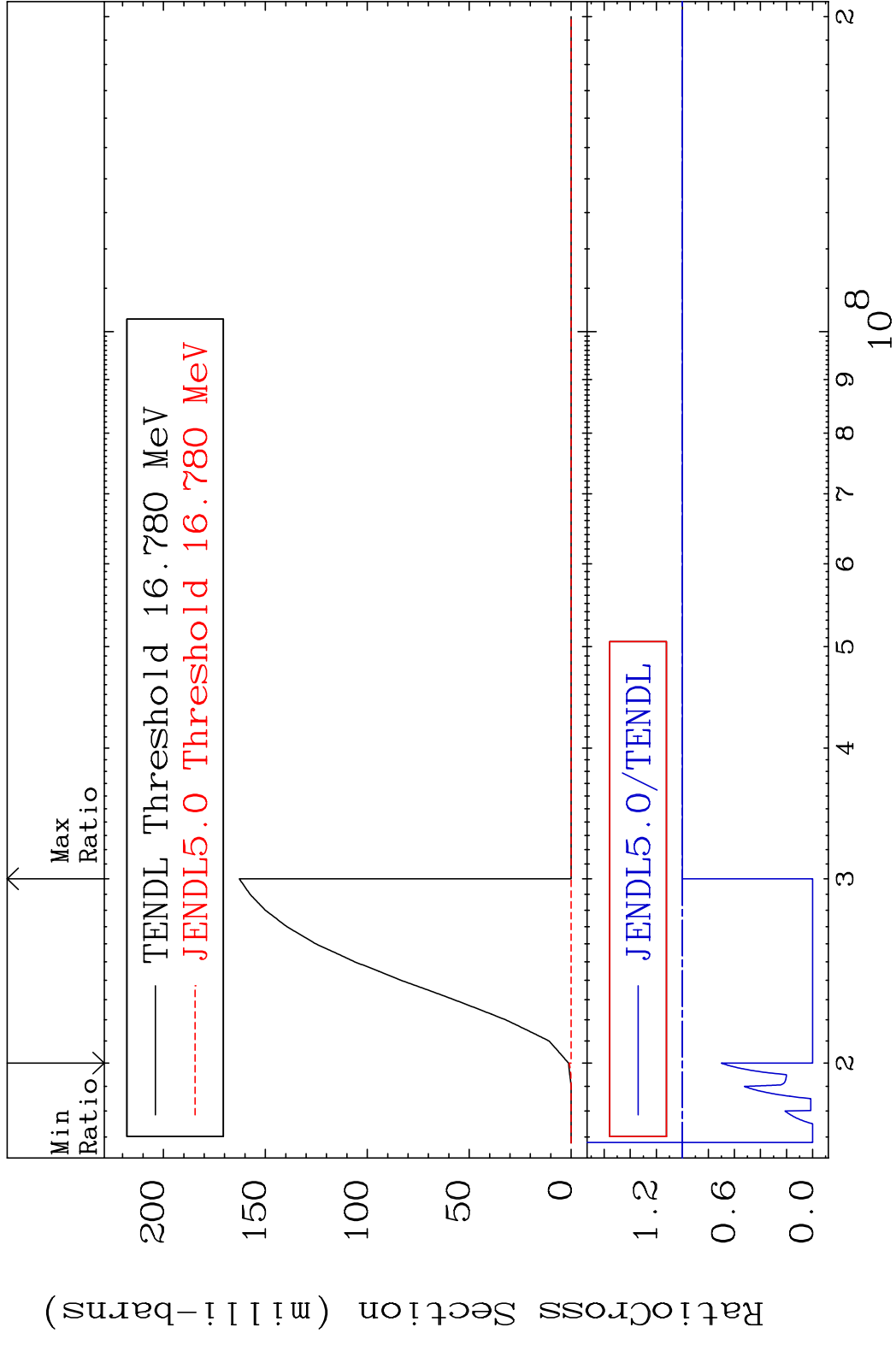
MAT 3628 Dpa disappearance (mt102 -120) 36-Kr-79
 Cross Section -100.0 To 8099. %

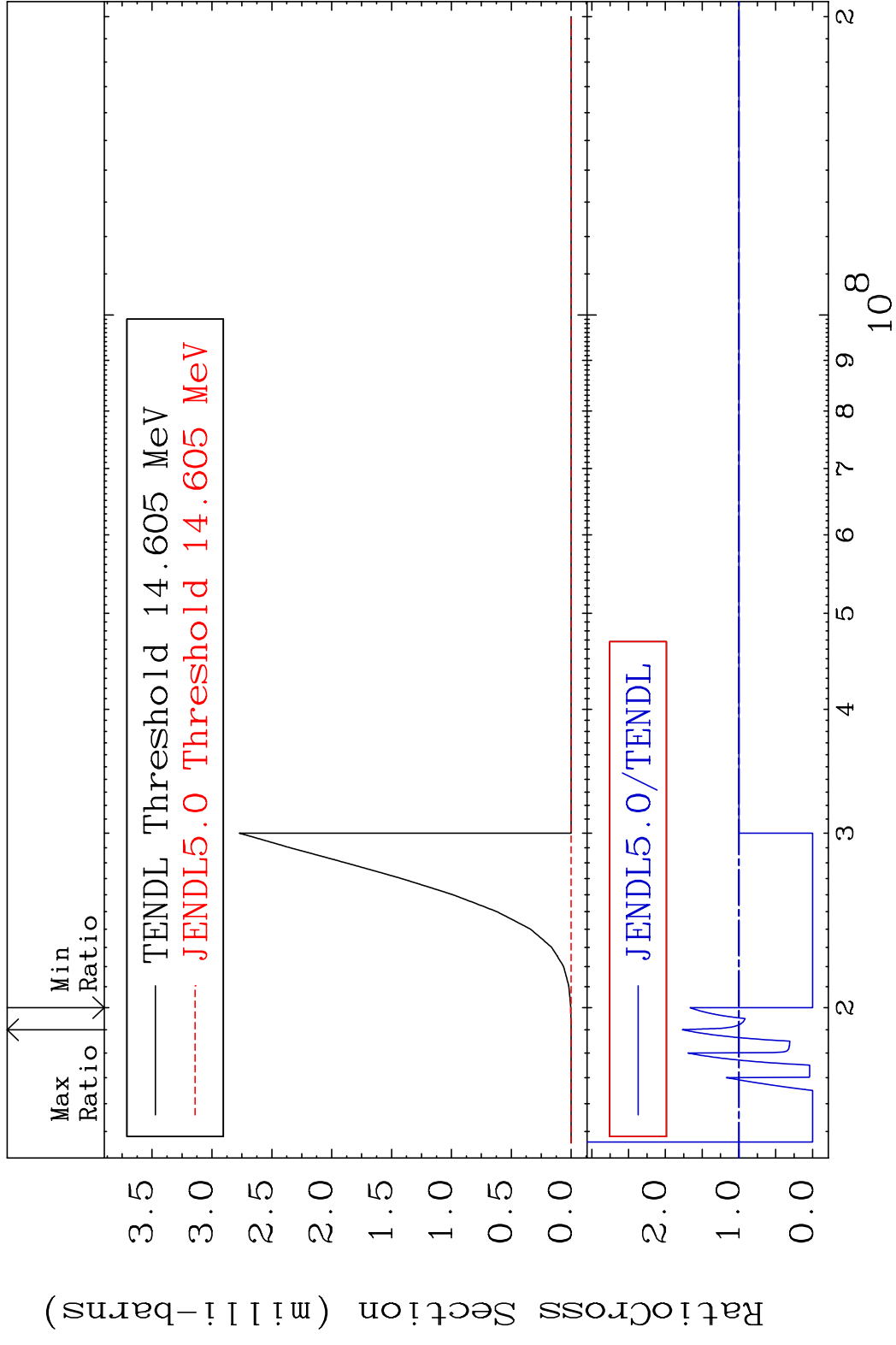


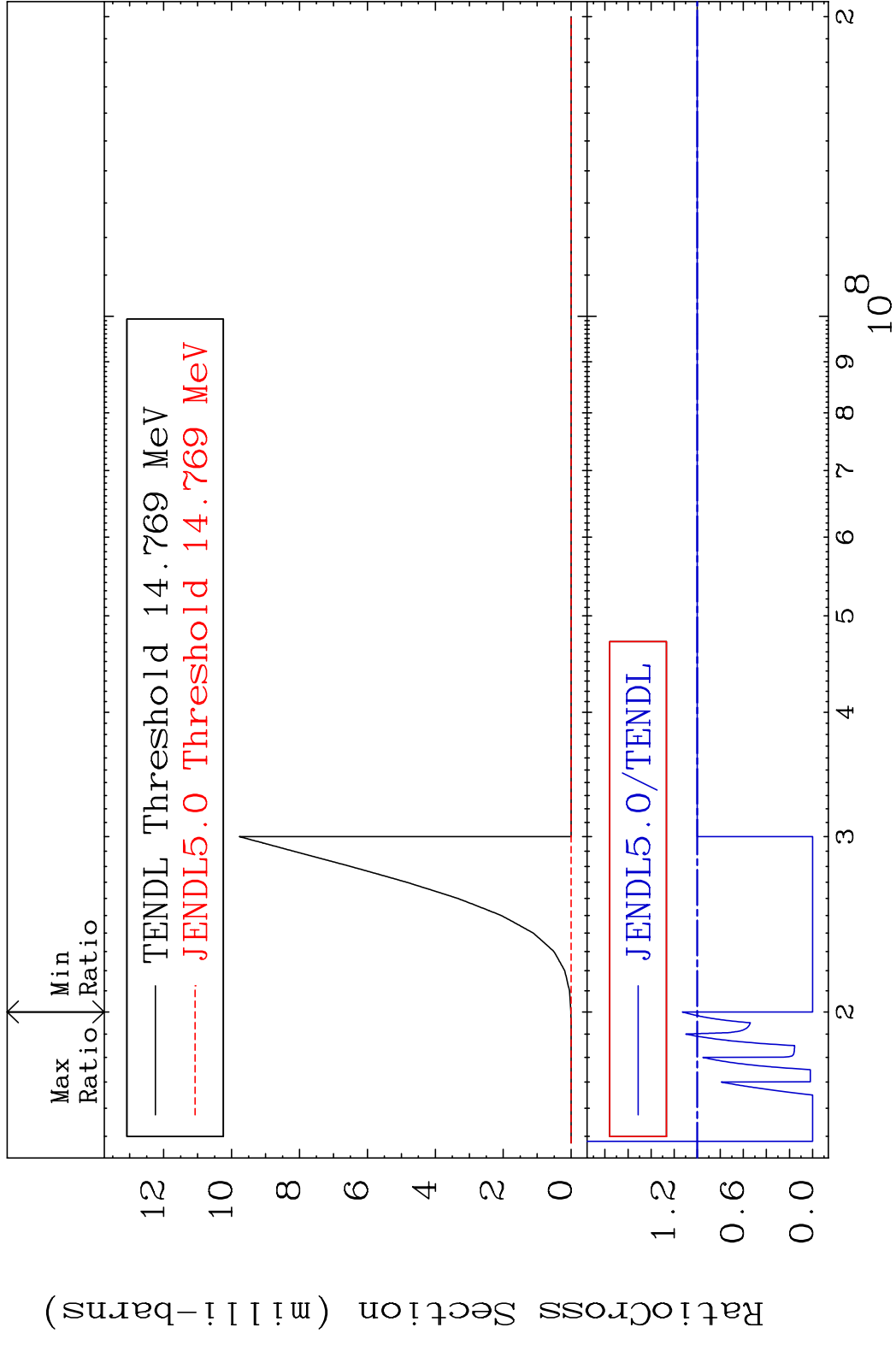




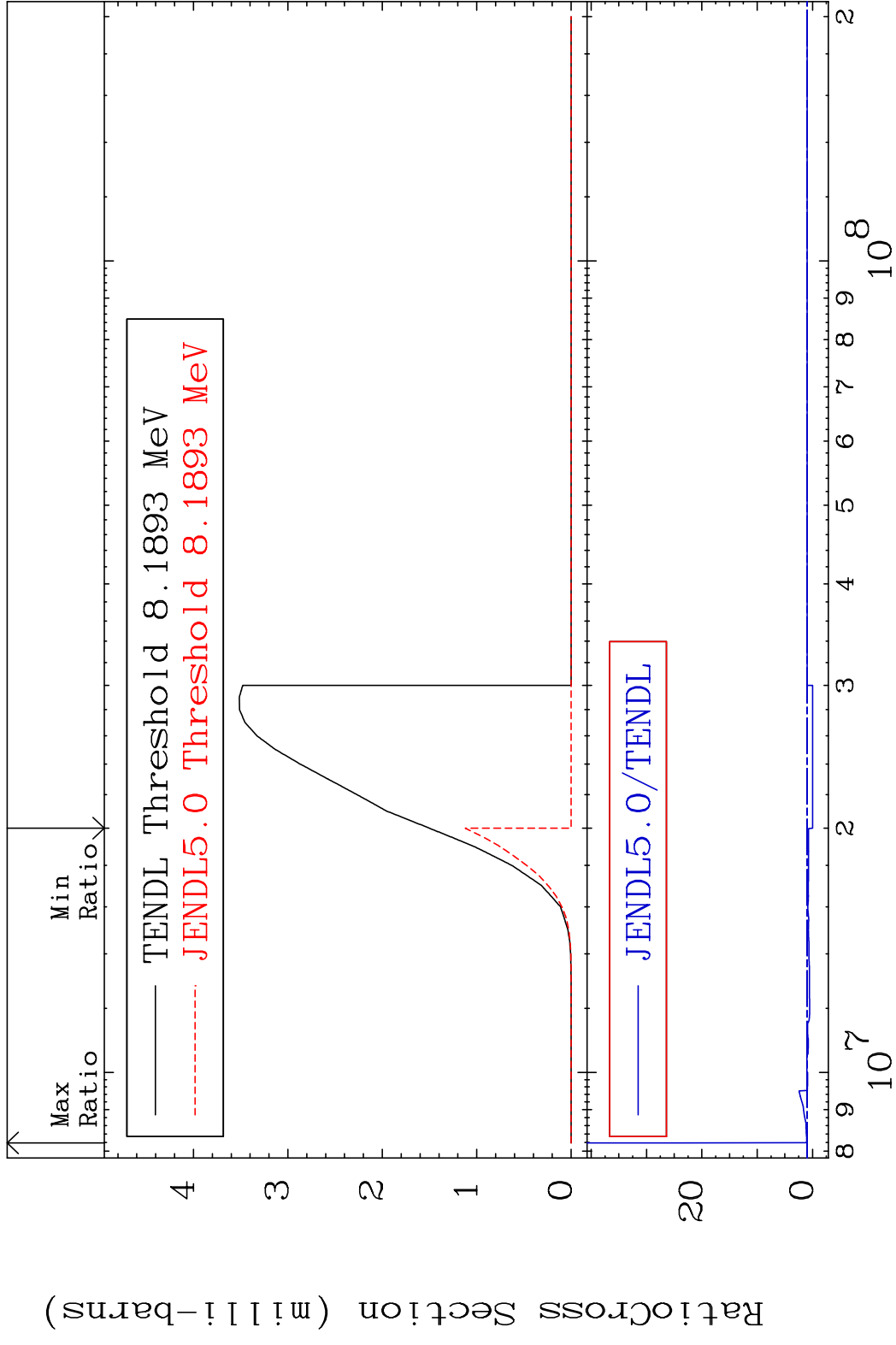








MAT 3628 (n, t):35-Br-77g 36-Kr-79
 Radionuclide Production Cross Section 1800.0 dth 2252. %



75 Incident Energy (eV) 36-Kr-79

