

Program Complot
(Version 2021-1)

by

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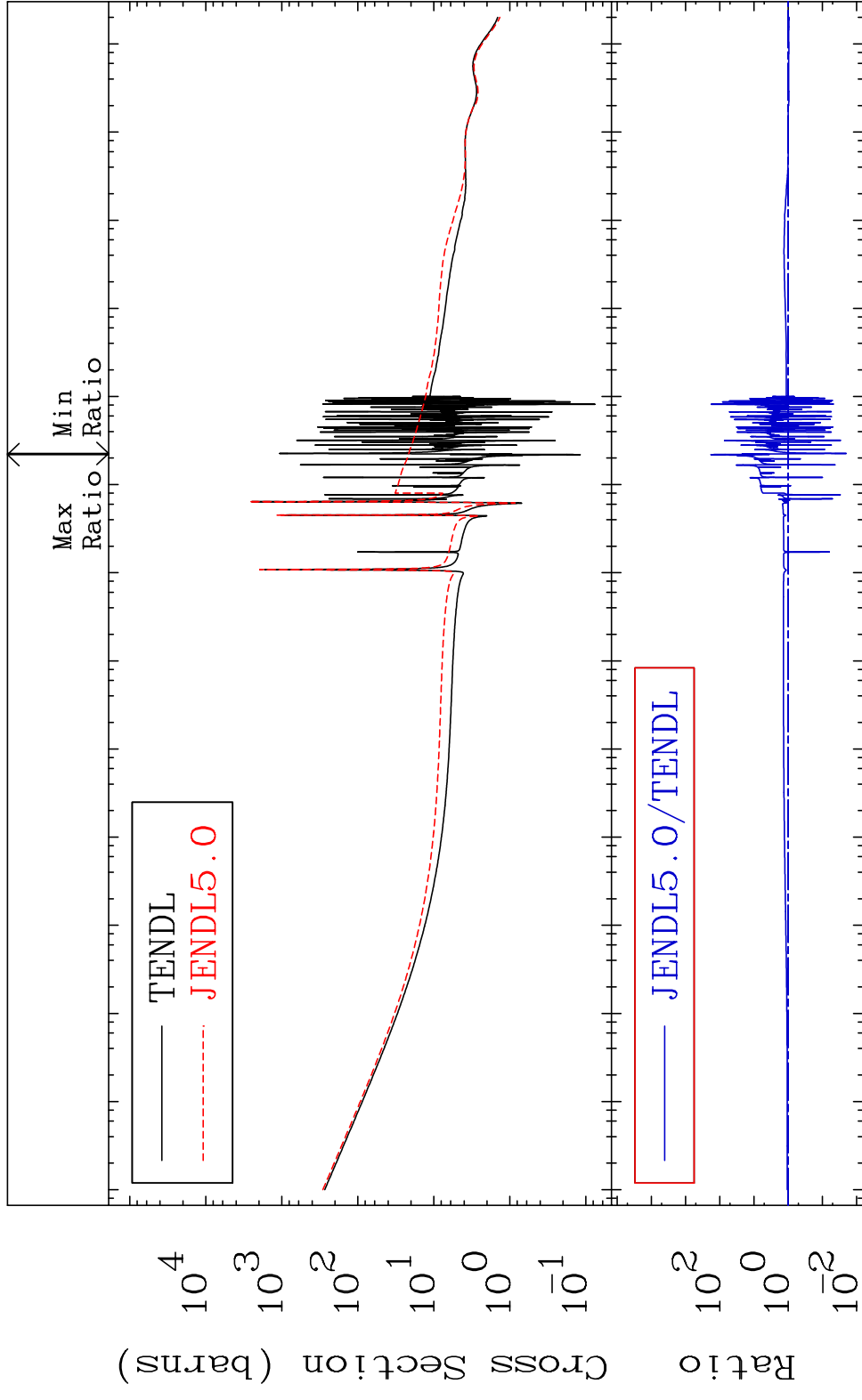
Press Mouse Button to Start

MAT 3625

36-Kr-78

Total

Cross Section -98.00 To 9999. %



1

Incident Energy (eV)

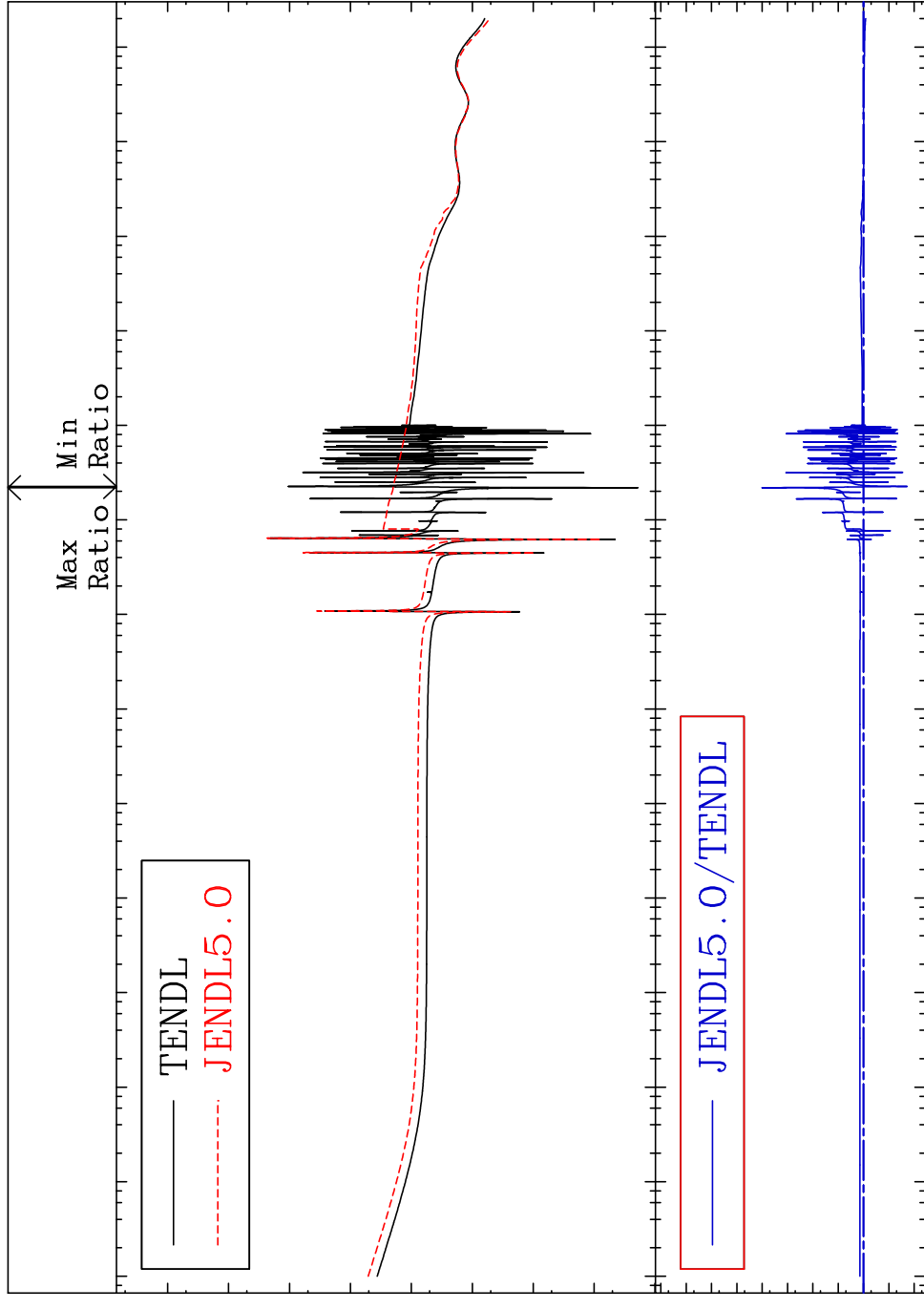
36-Kr-78

MAT 3625

Elastic

36-Kr-78

Cross Section -98.10 To 9999. %



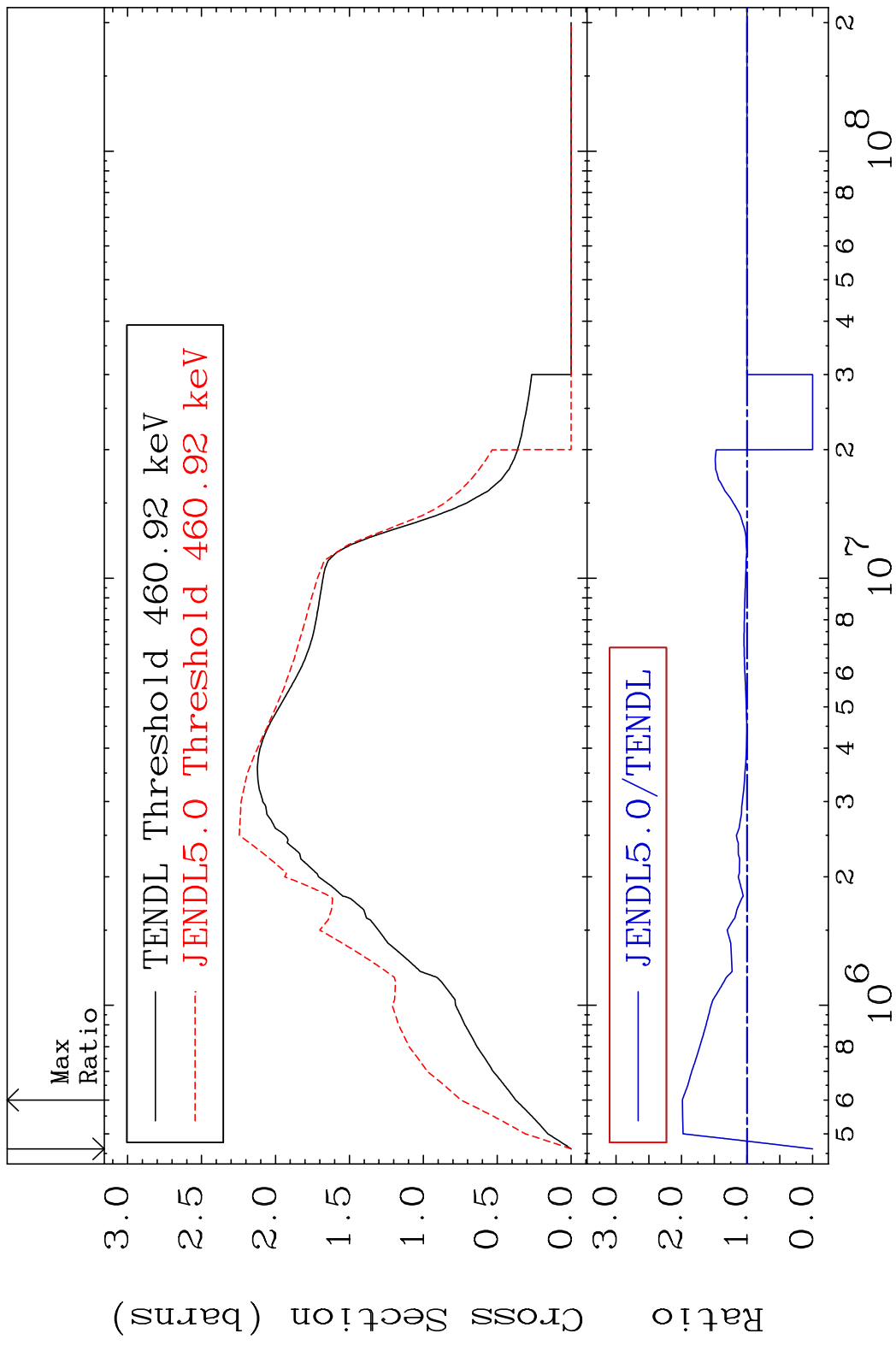
10⁴
10²
10⁰
10⁻²
10⁶
10³
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

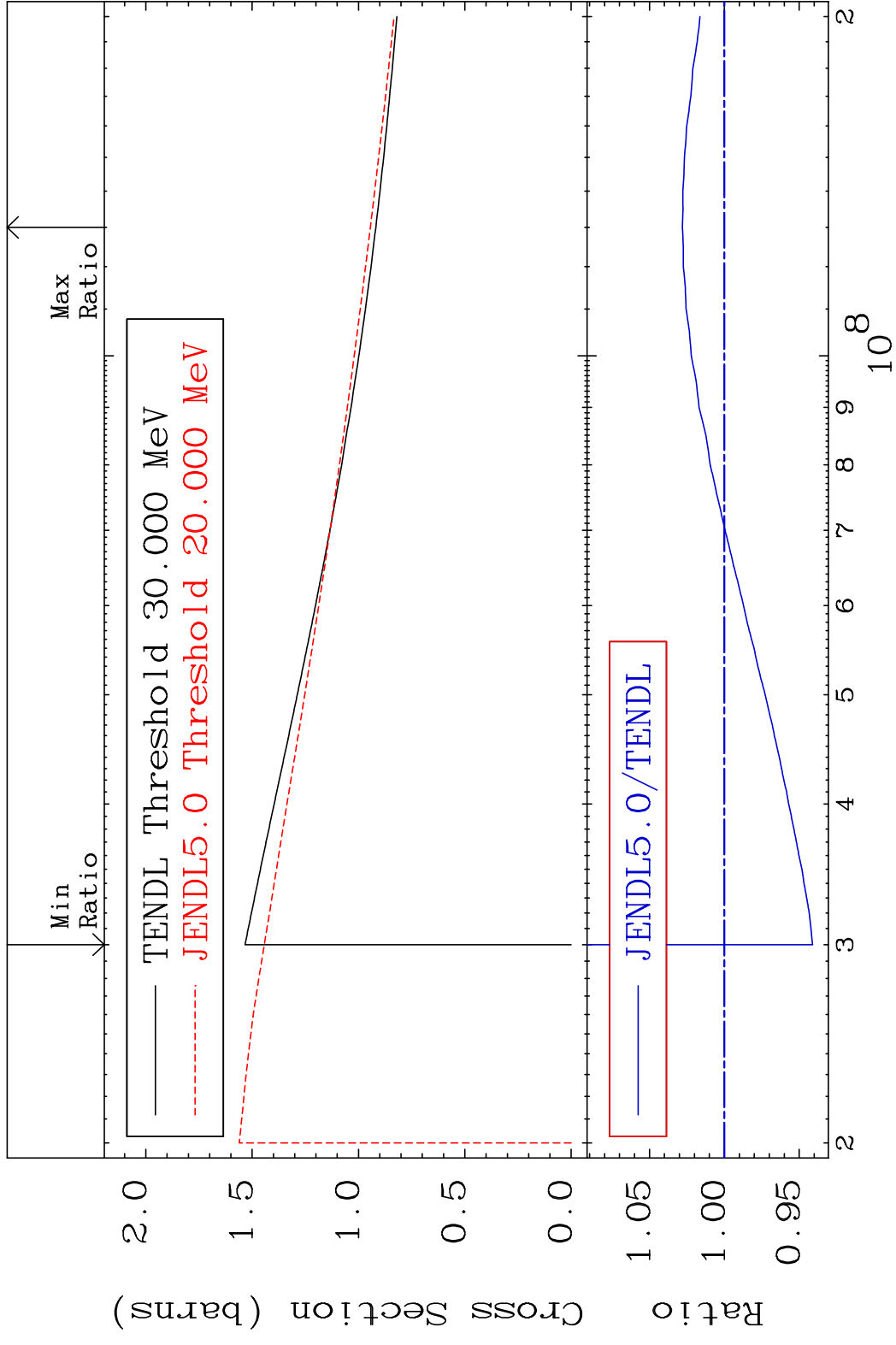
36-Kr-78

MAT 3625 Inelastic 36-Kr-78
 Cross Section -100.0 To 98.72 %



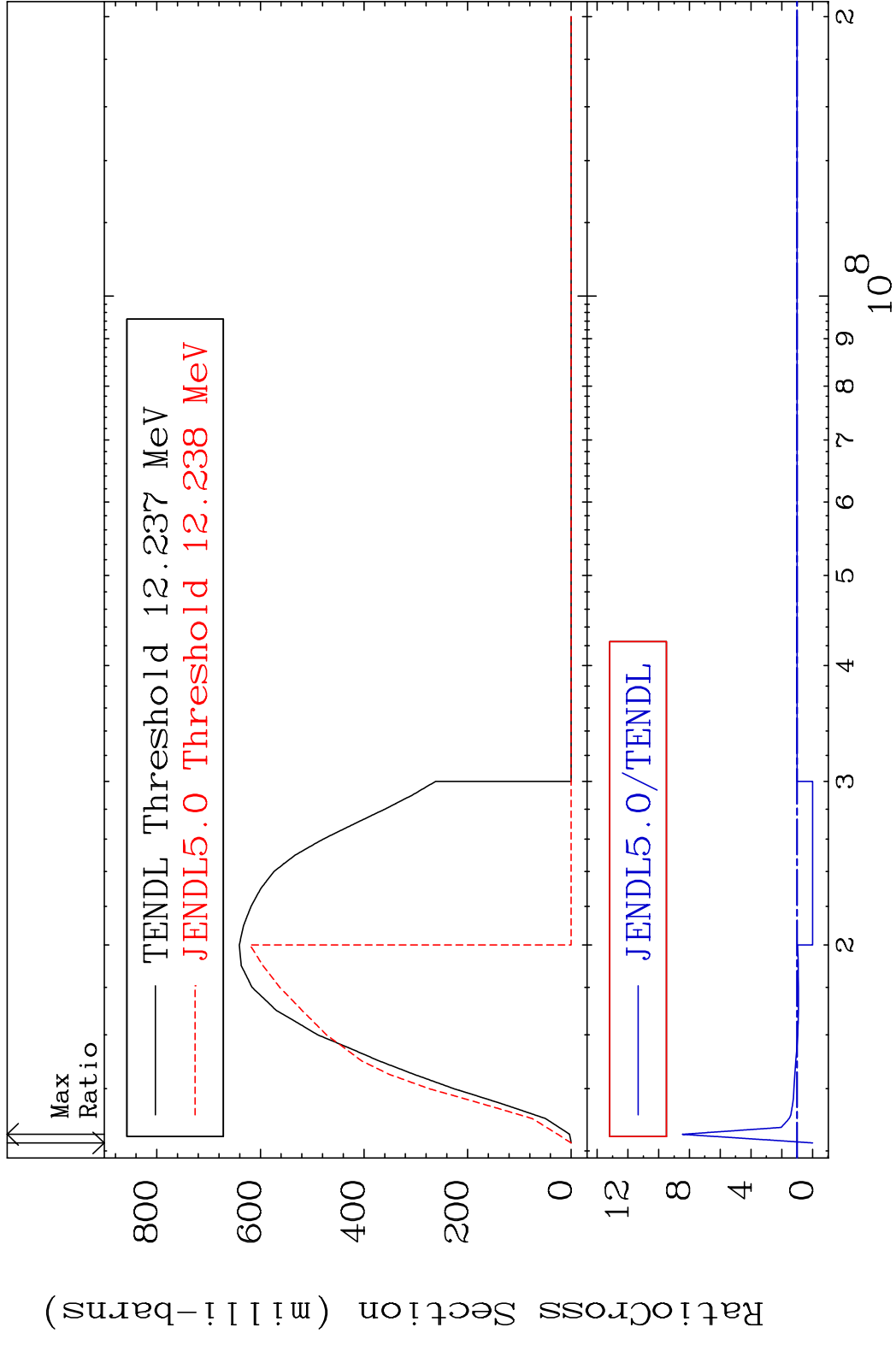
3 Incident Energy (eV) 36-Kr-78

MAT 3625 (n, remainder) 36-Kr-78
 Cross Section -5.889 To 2.805 %

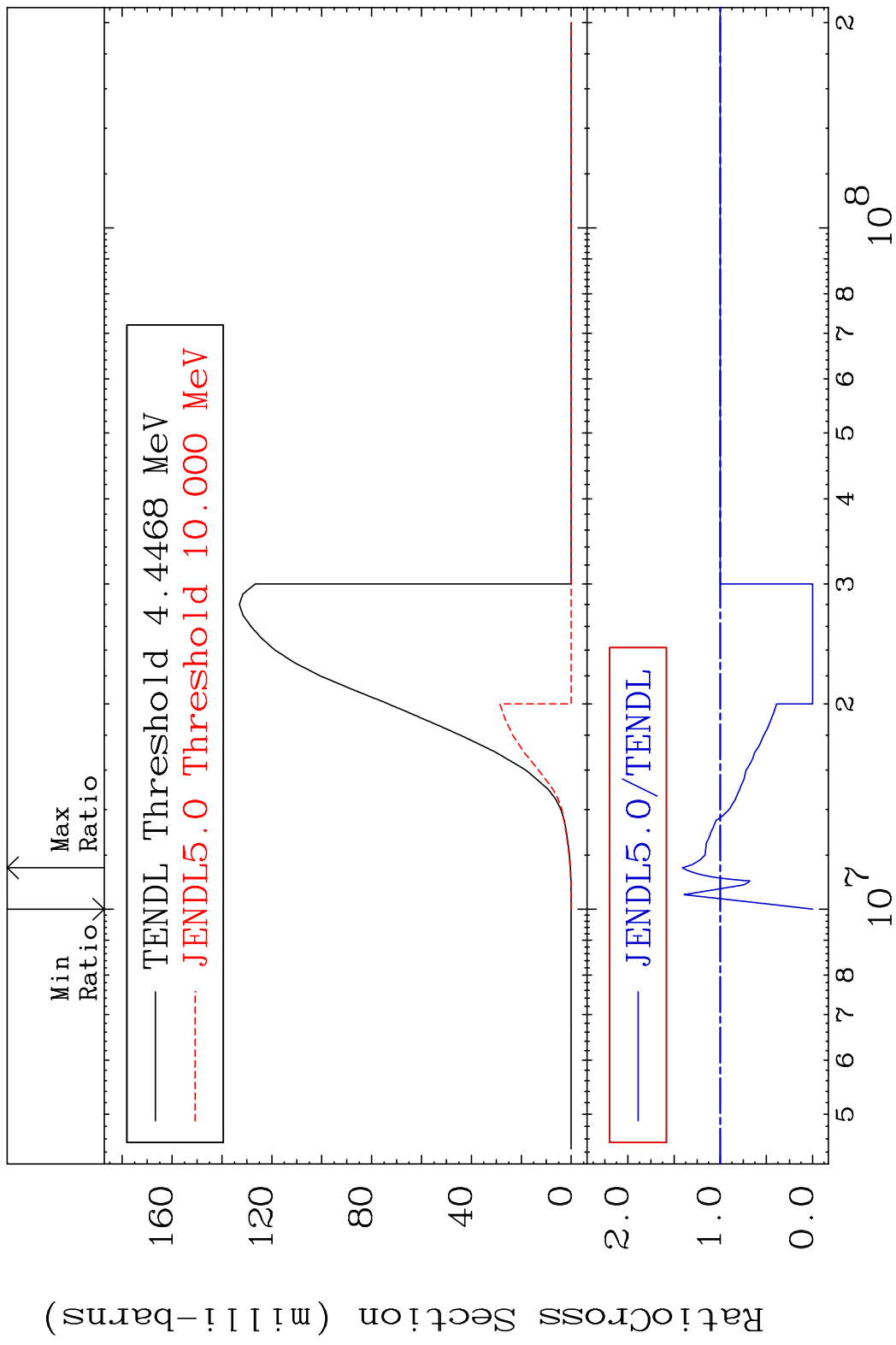


4 Incident Energy (eV) 36-Kr-78

MAT 3625 (n,2n) 36-Kr-78
 Cross Section -100.0 To 746.2 %



MAT 3625 (n, n') α 36-Kr-78
 Cross Section -100.0 To 41.05 %

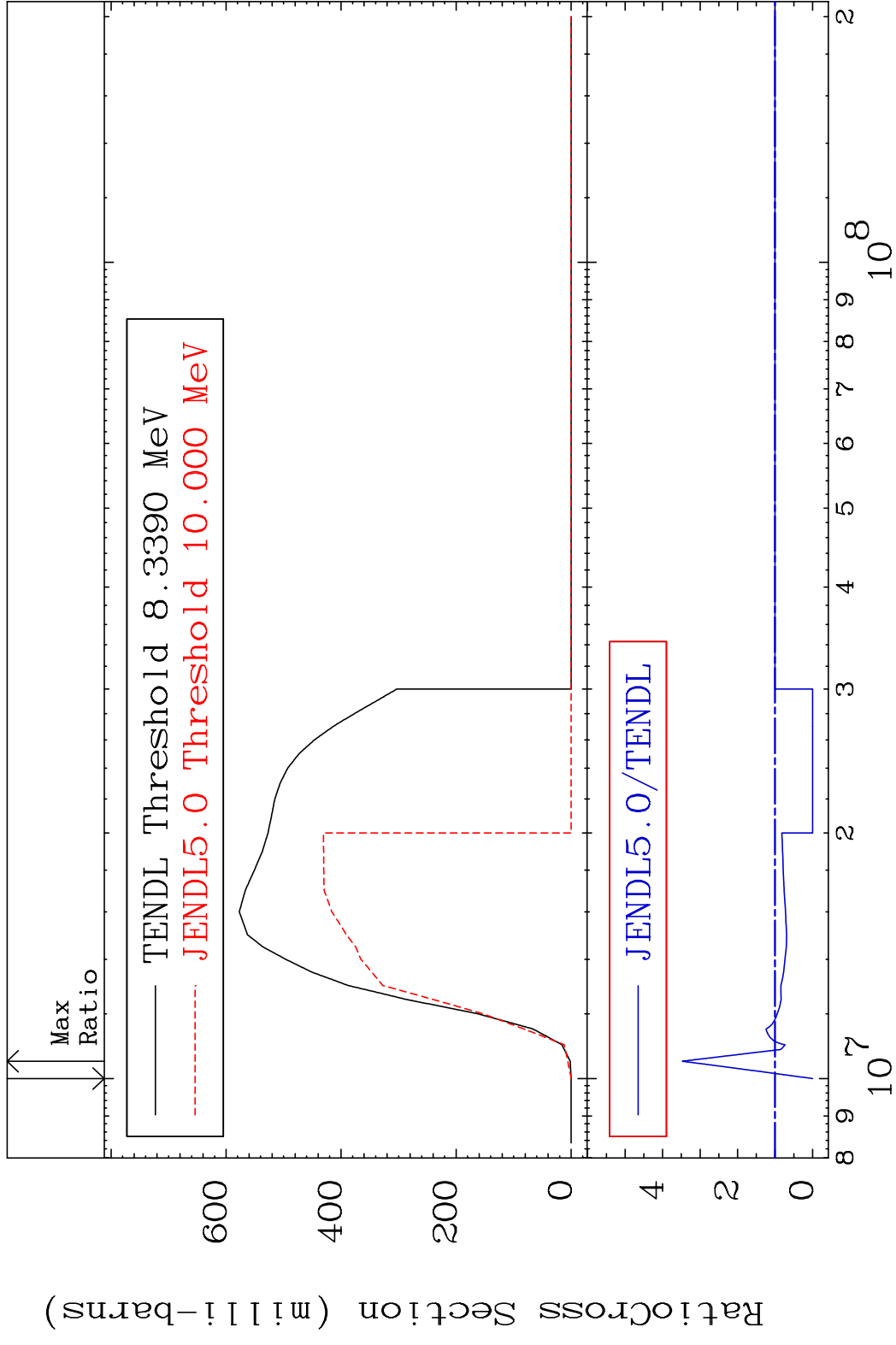


MAT 3625

(n, n') p

36-Kr-78

Cross Section -100.0 To 247.3 %



7

Incident Energy (eV)

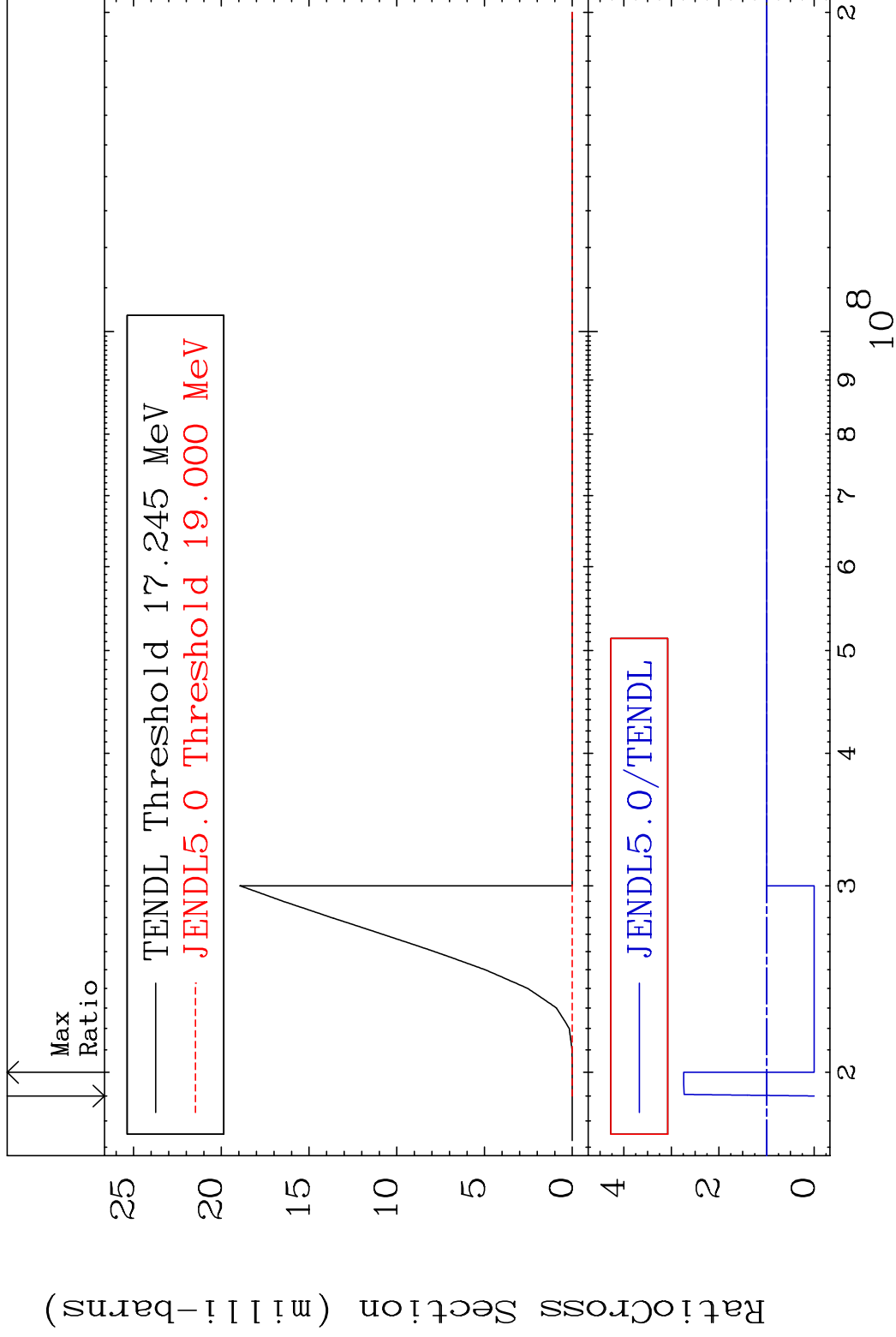
36-Kr-78

MAT 3625

(n, n') d

36-Kr-78

Cross Section -100.0 To 174.2 %

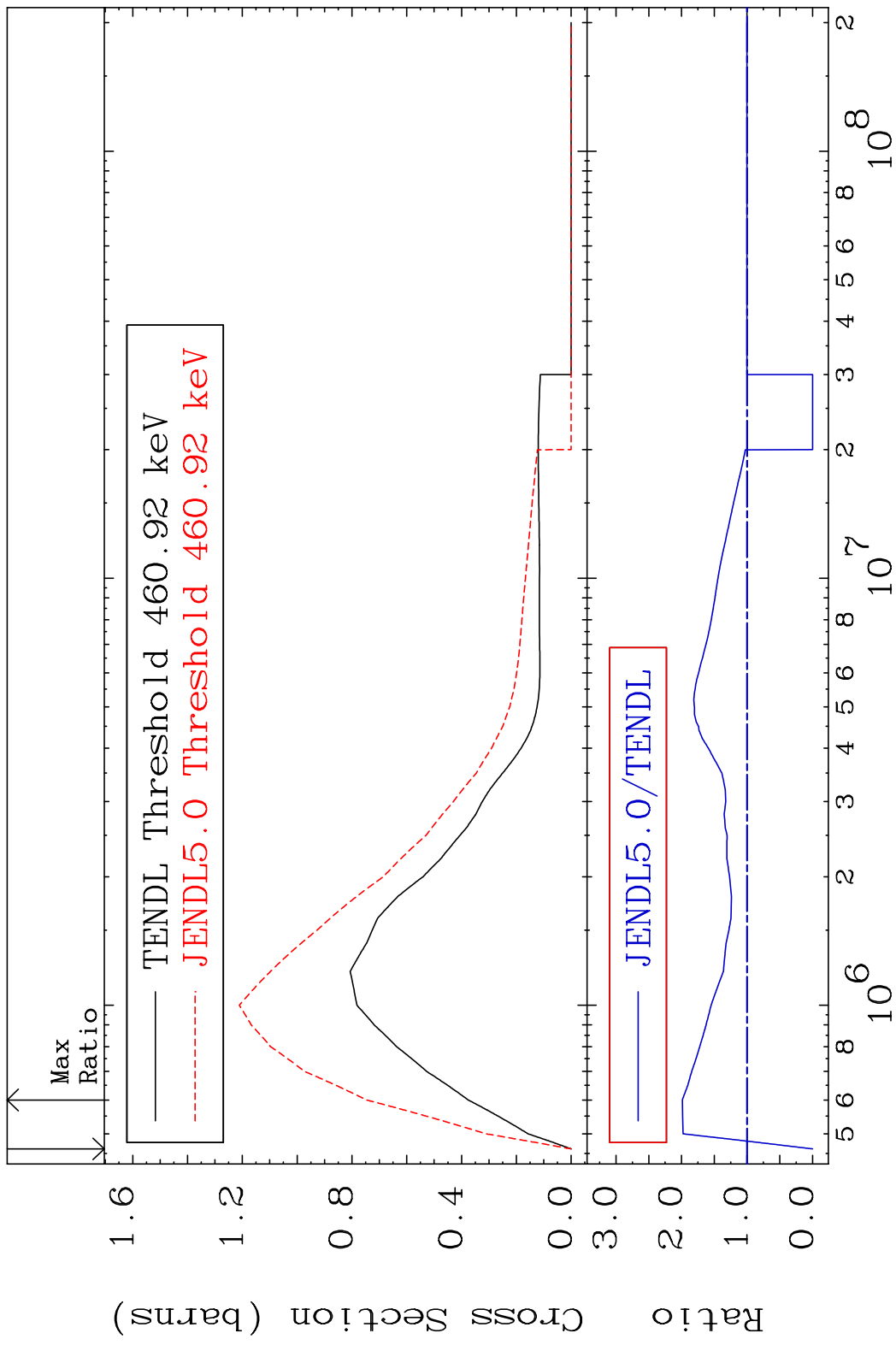


8

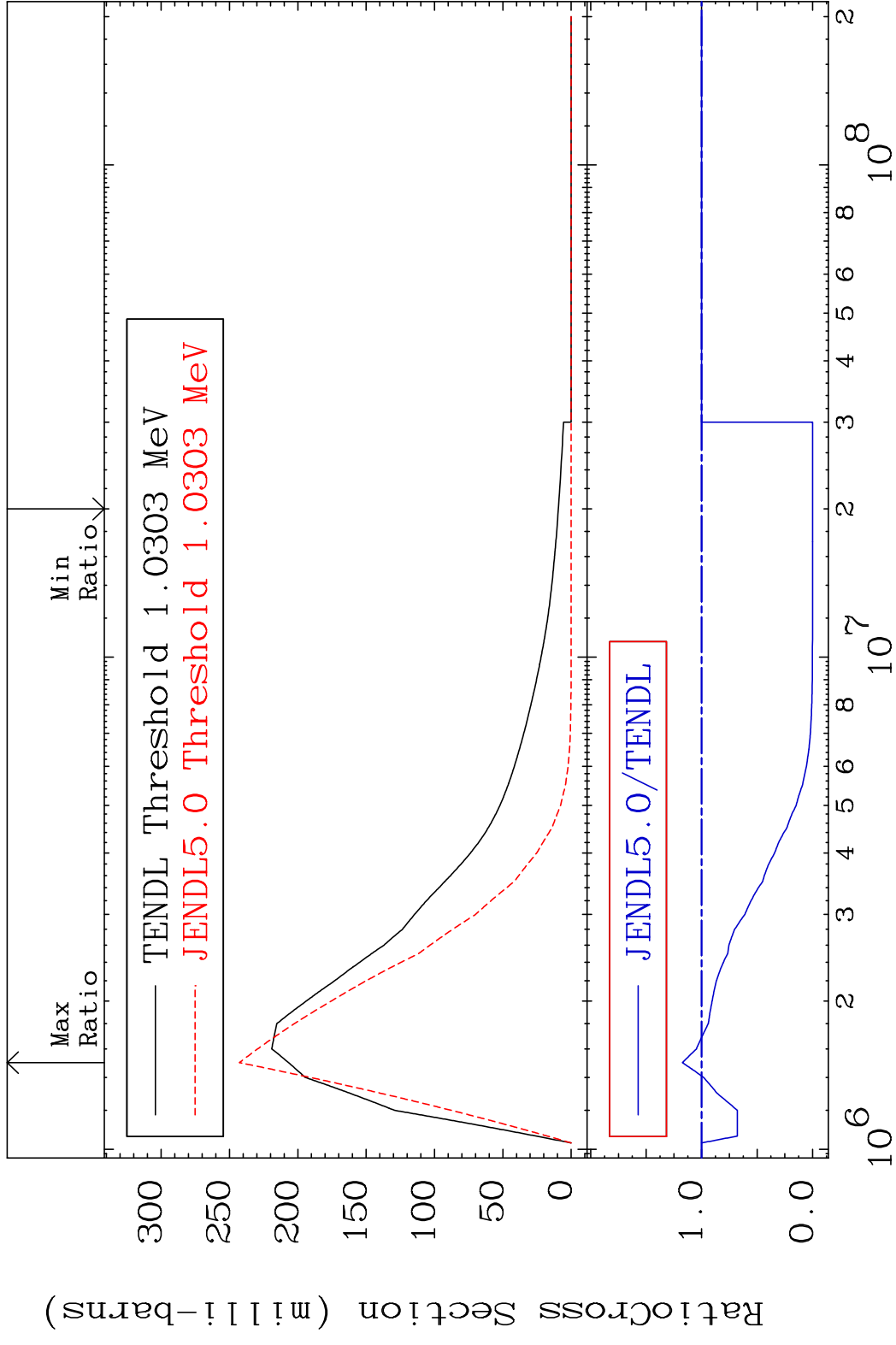
Incident Energy (eV)

36-Kr-78

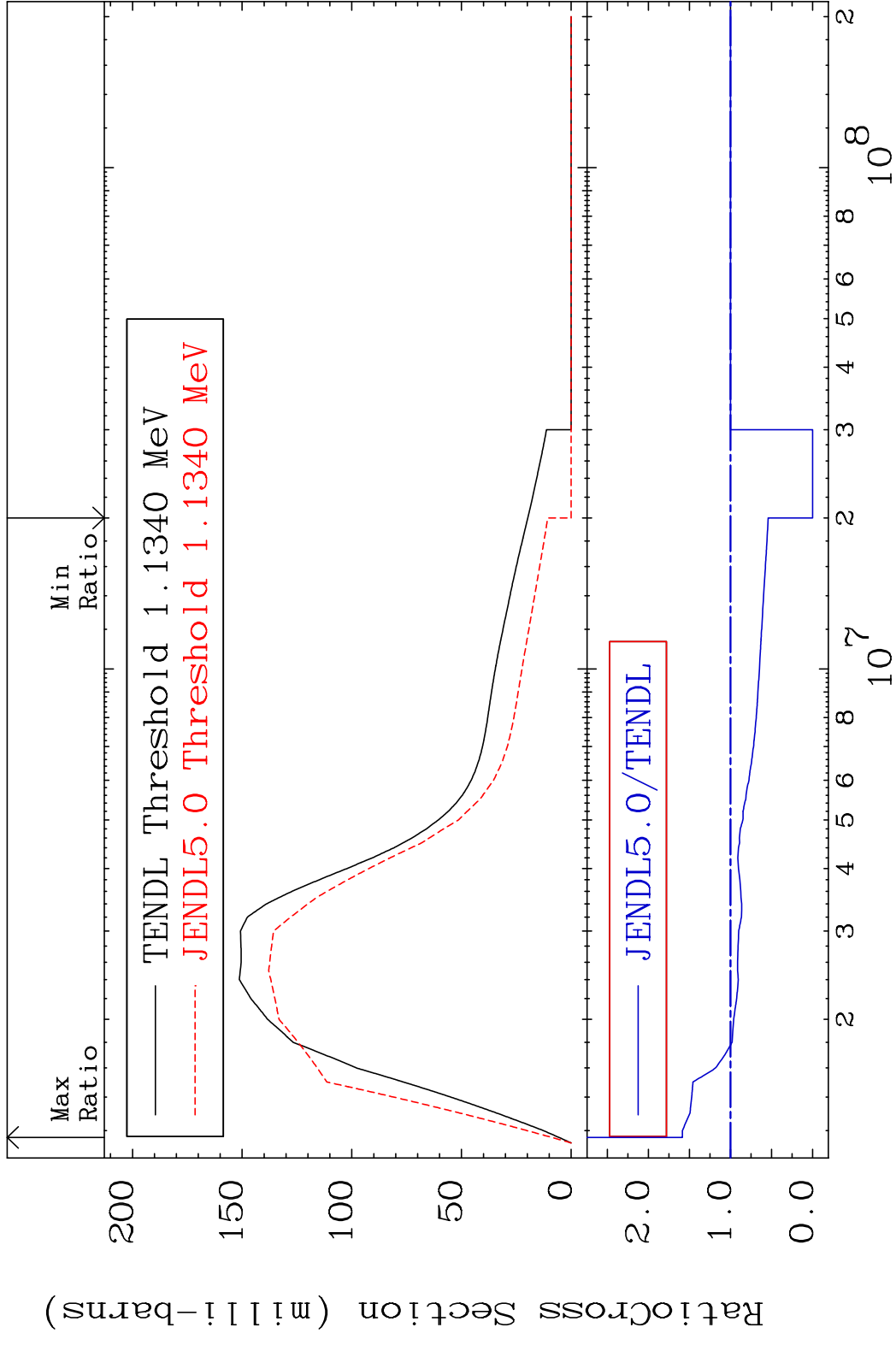
MAT 3625 MT= 51 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 98.72 %



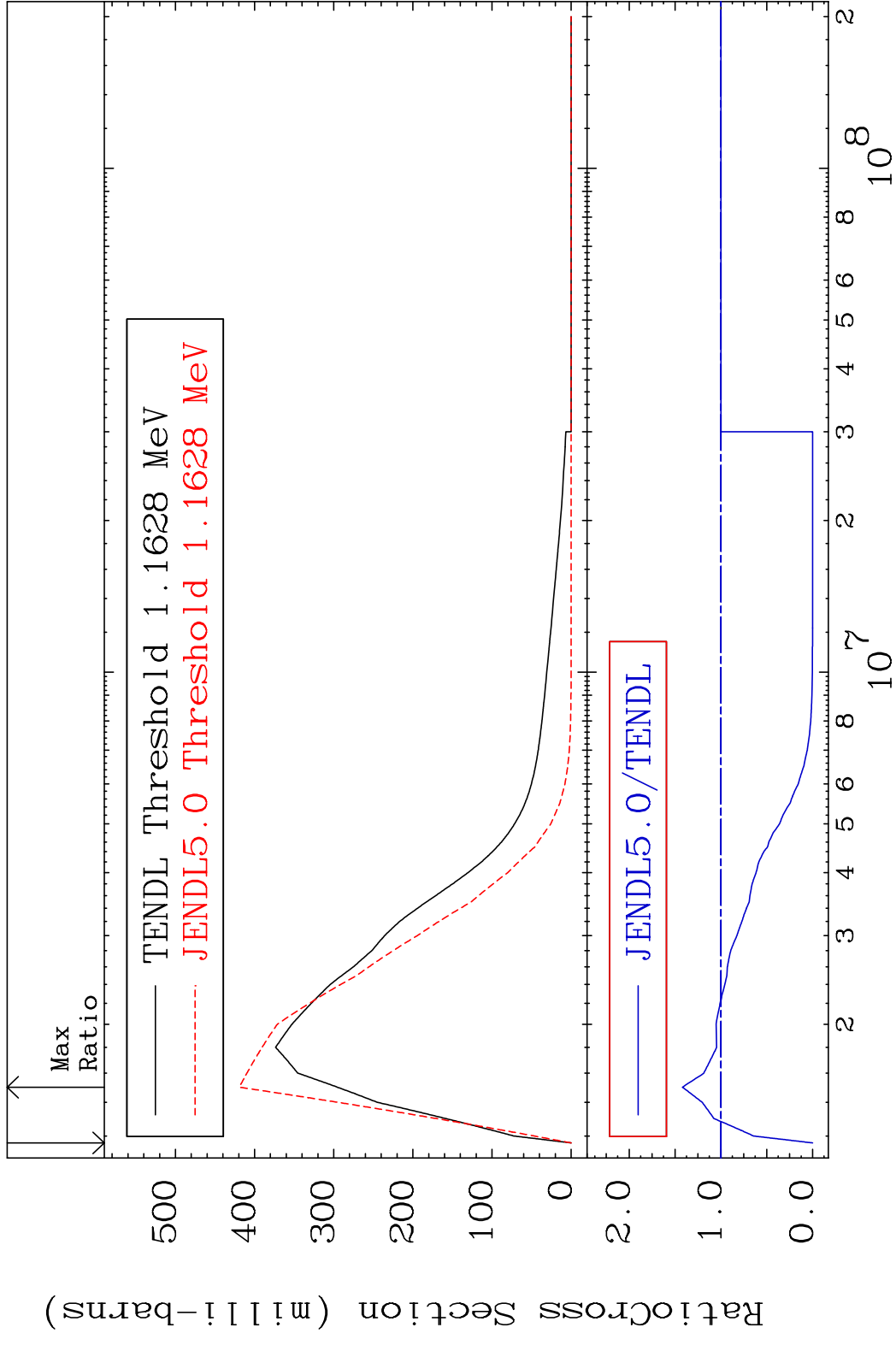
MAT 3625 MT= 52 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 17.38 %



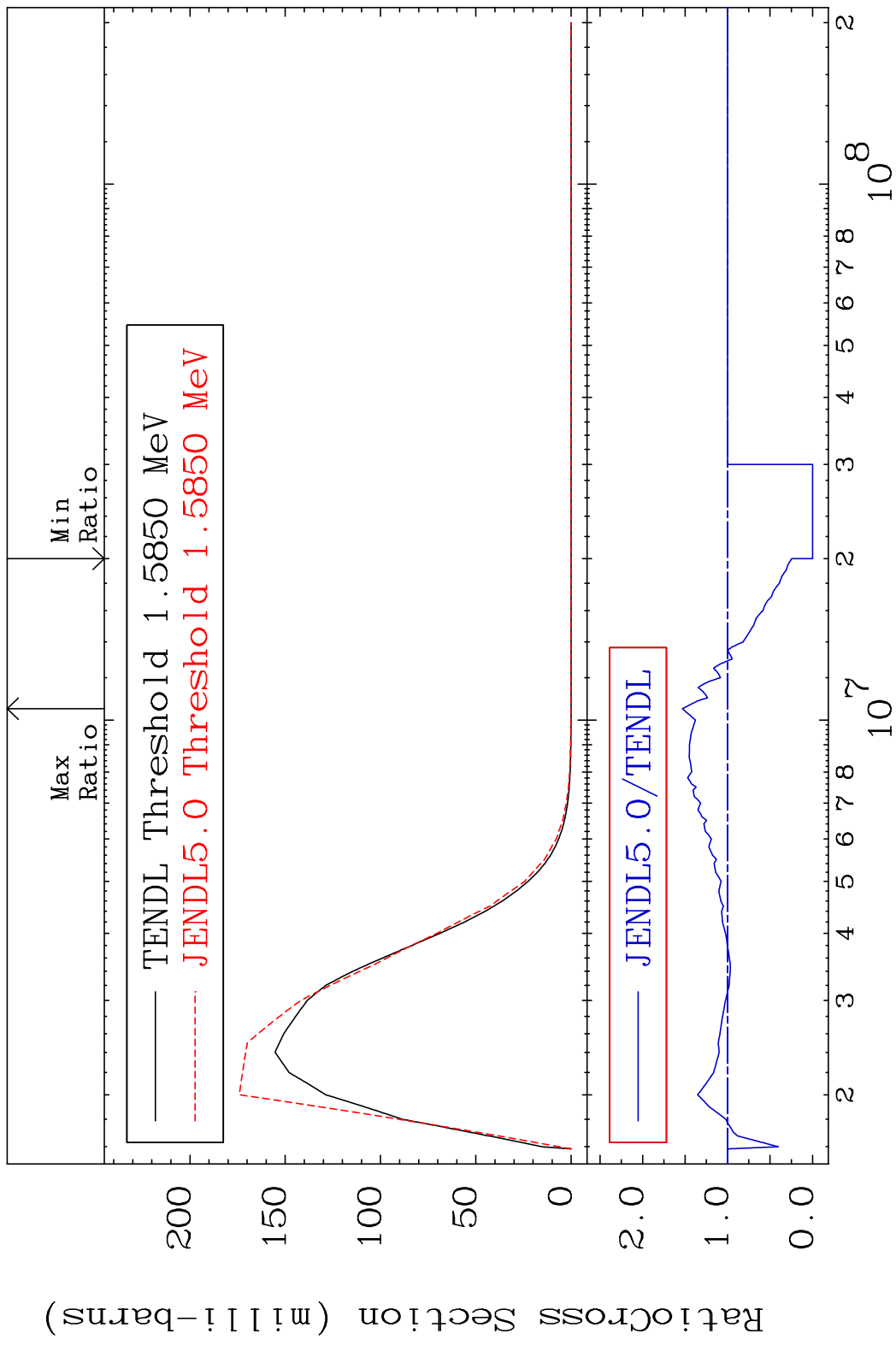
MAT 3625 MT= 53 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 58.71 %



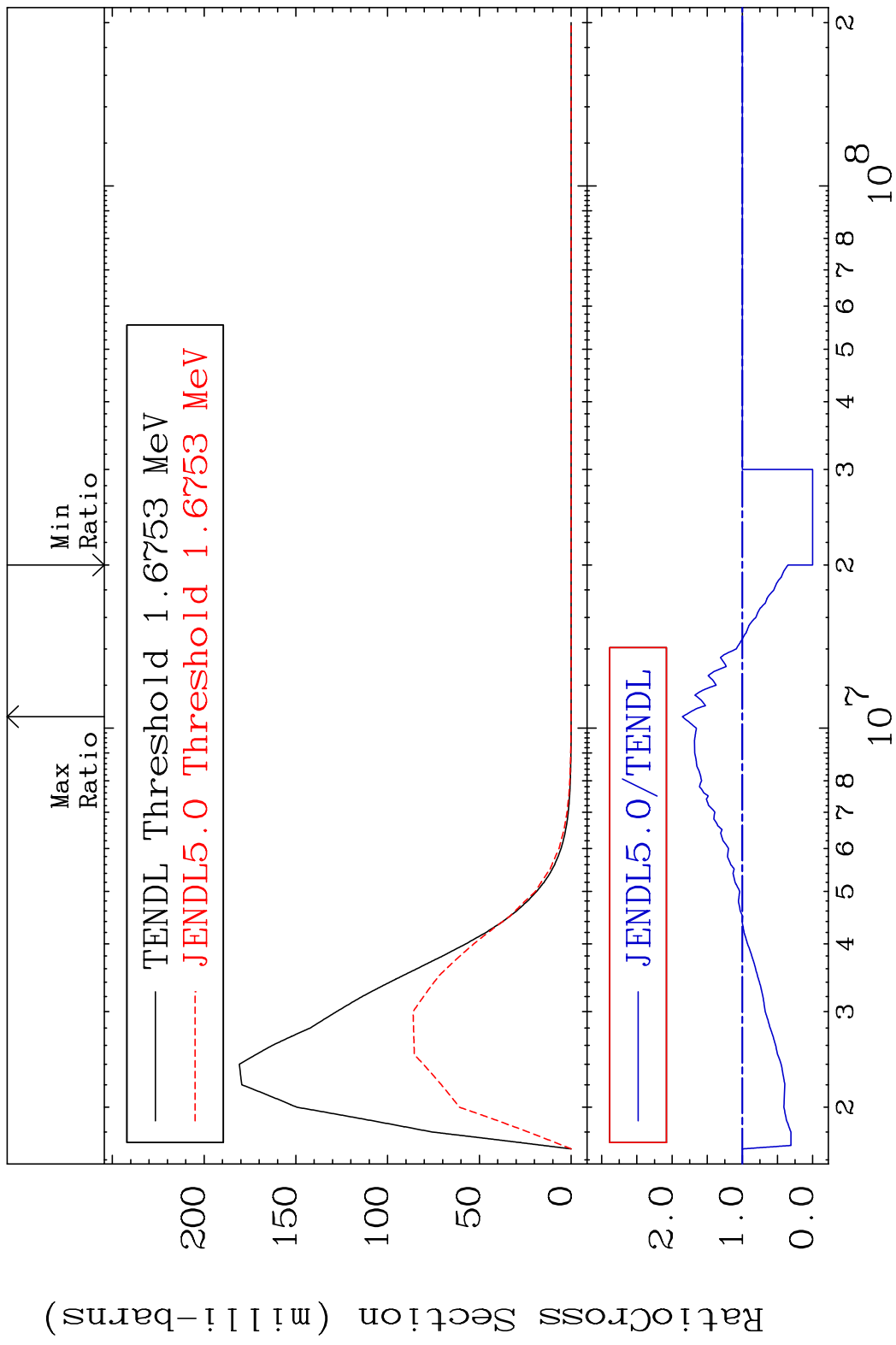
MAT 3625 MT= 54 (n,n') Level 36-Kr-78
 Cross Section -100.0 To 42.00 %



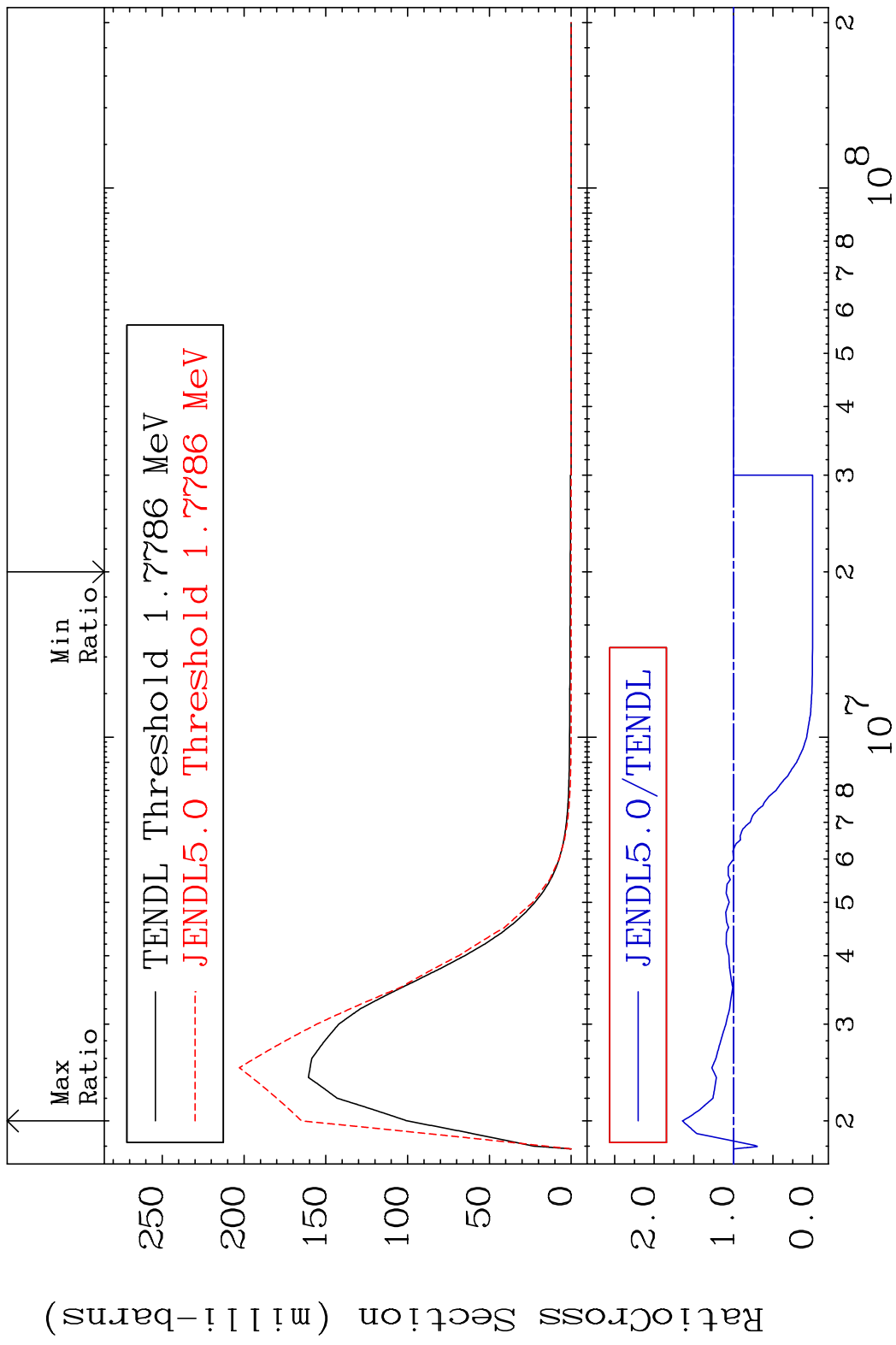
MAT 3625 MT= 55 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 53.23 %



MAT 3625 MT= 56 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 85.30 %

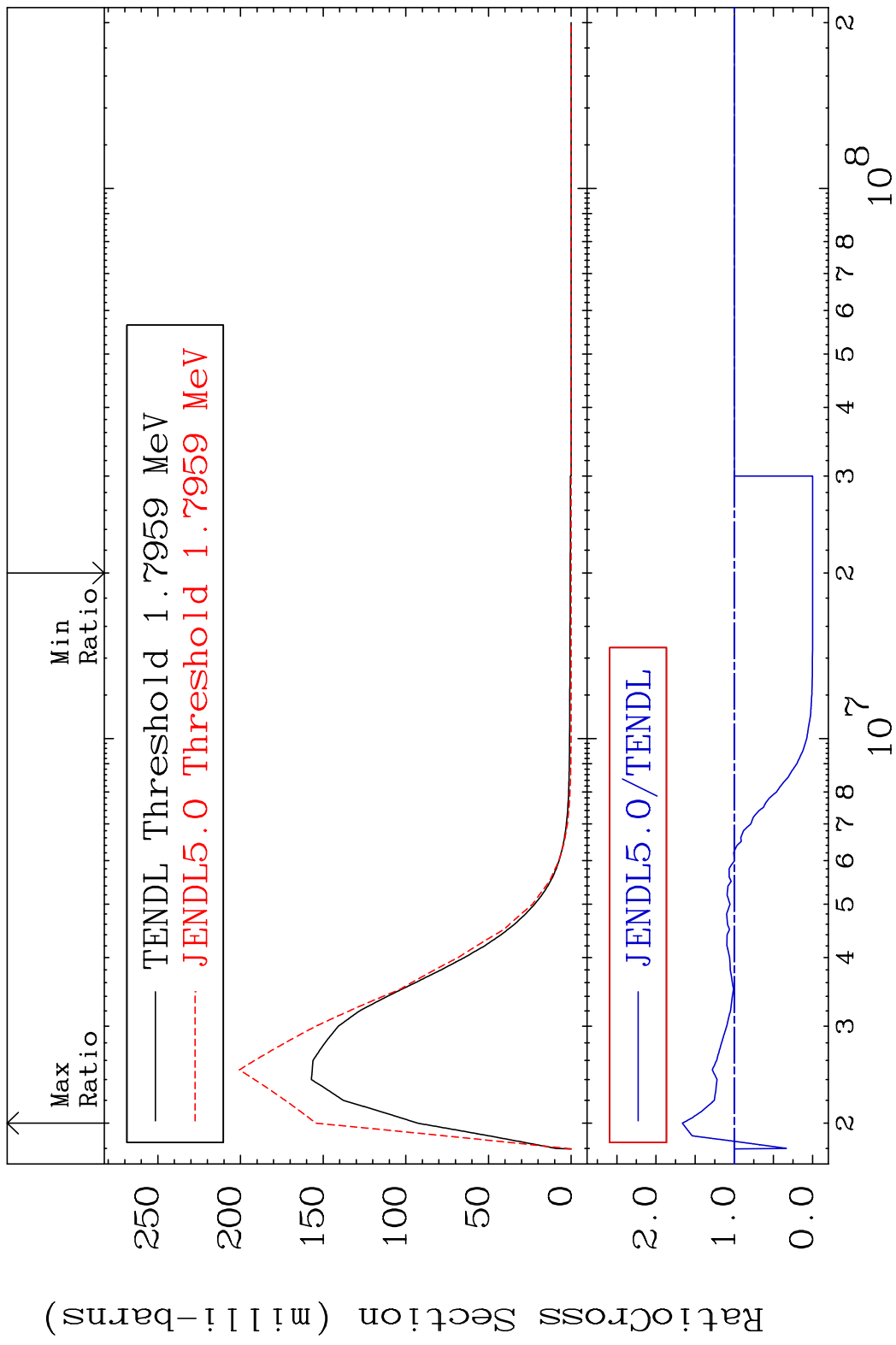


MAT 3625 MT= 57 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 64.45 %

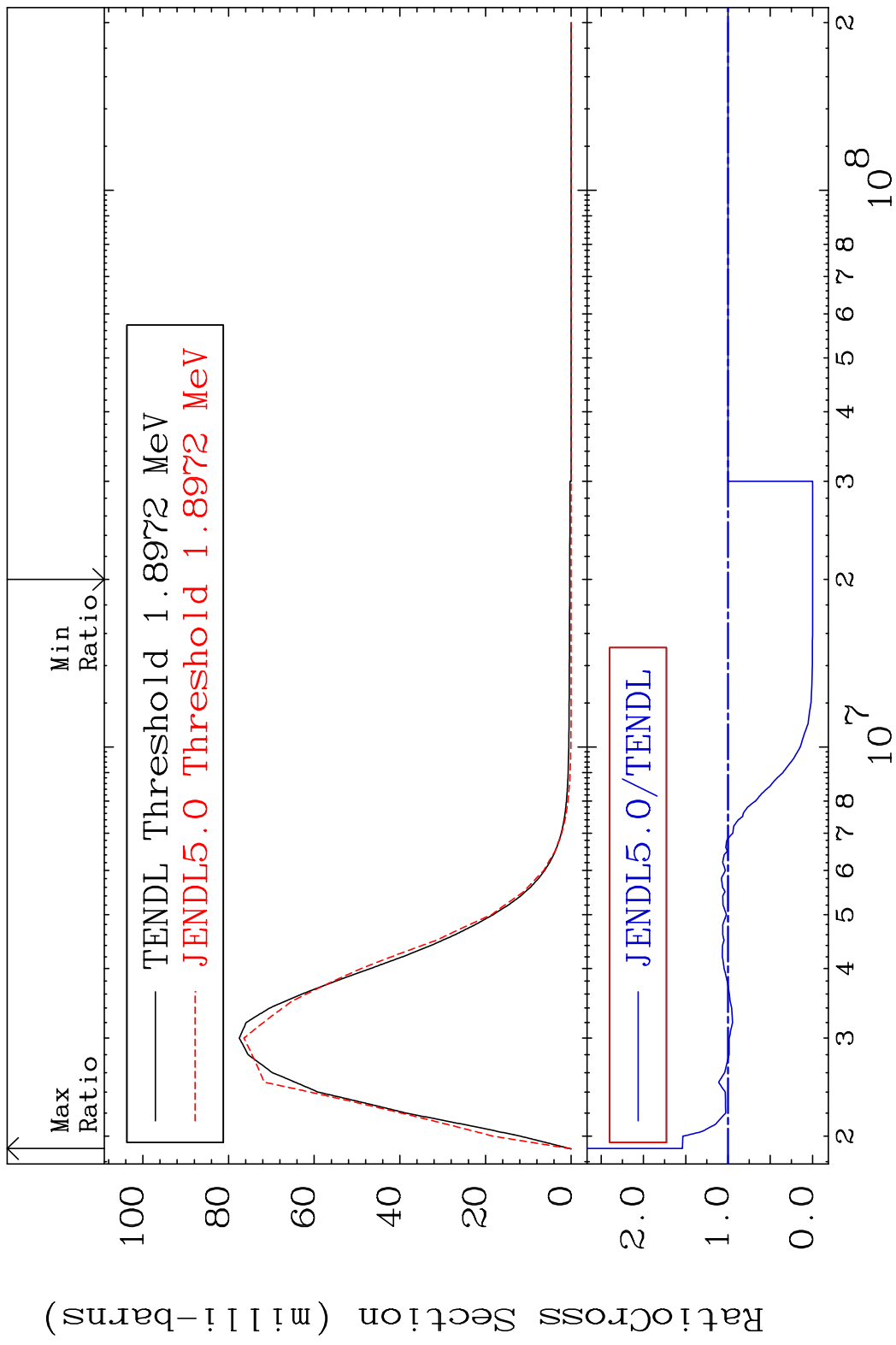


15 Incident Energy (eV) 36-Kr-78

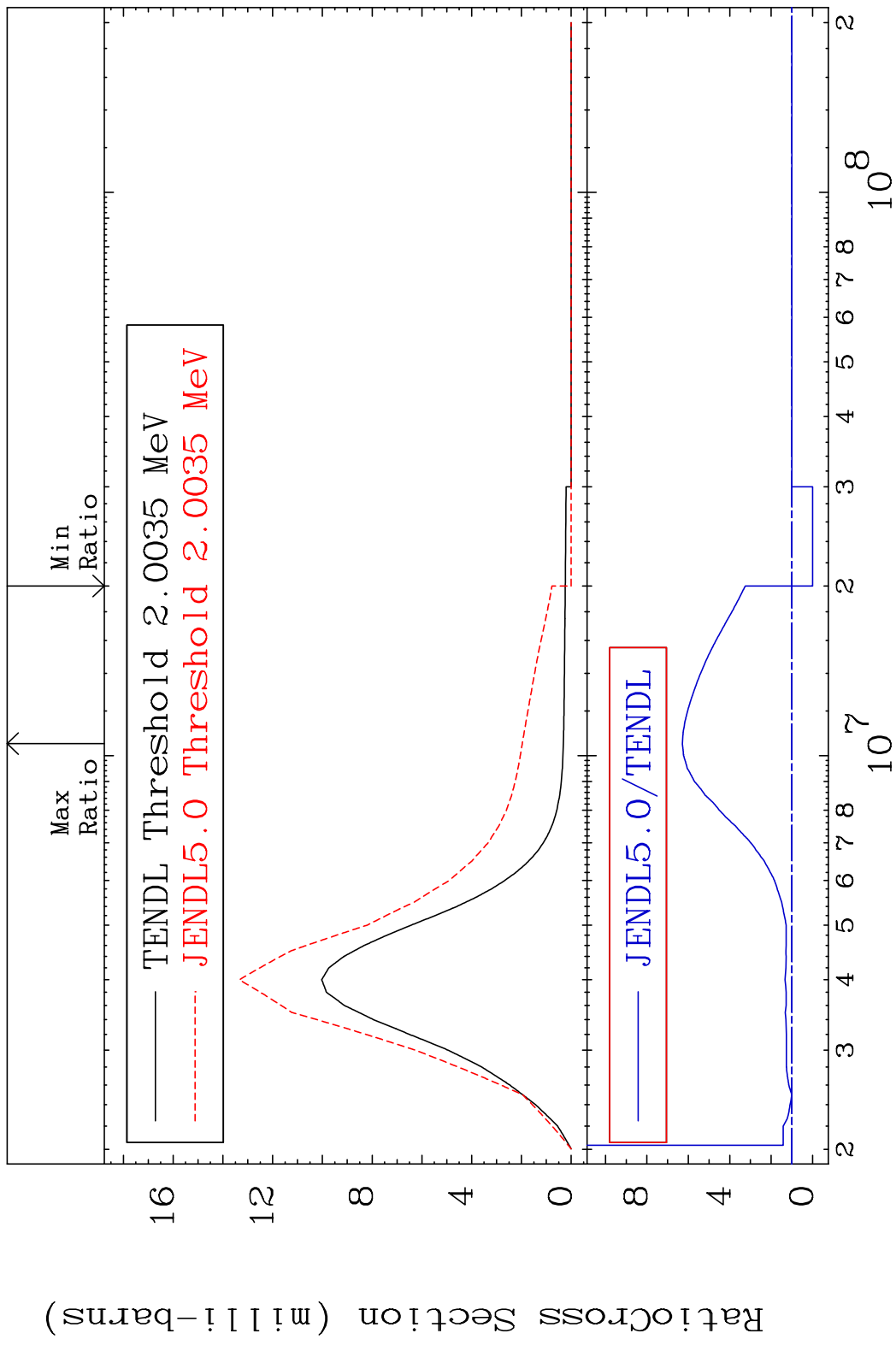
MAT 3625 MT= 58 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 66.33 %



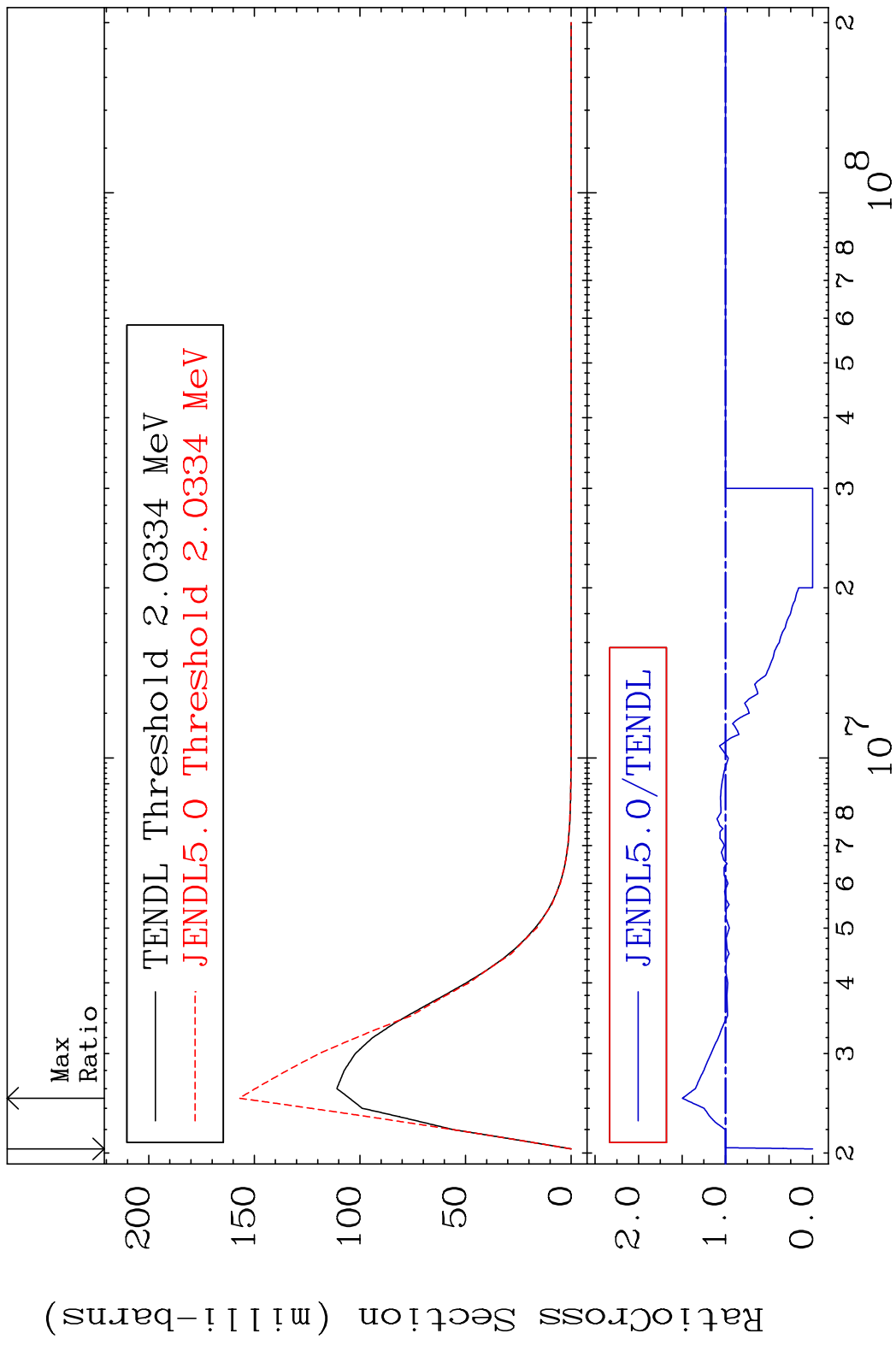
MAT 3625 MT= 59 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 54.01 %



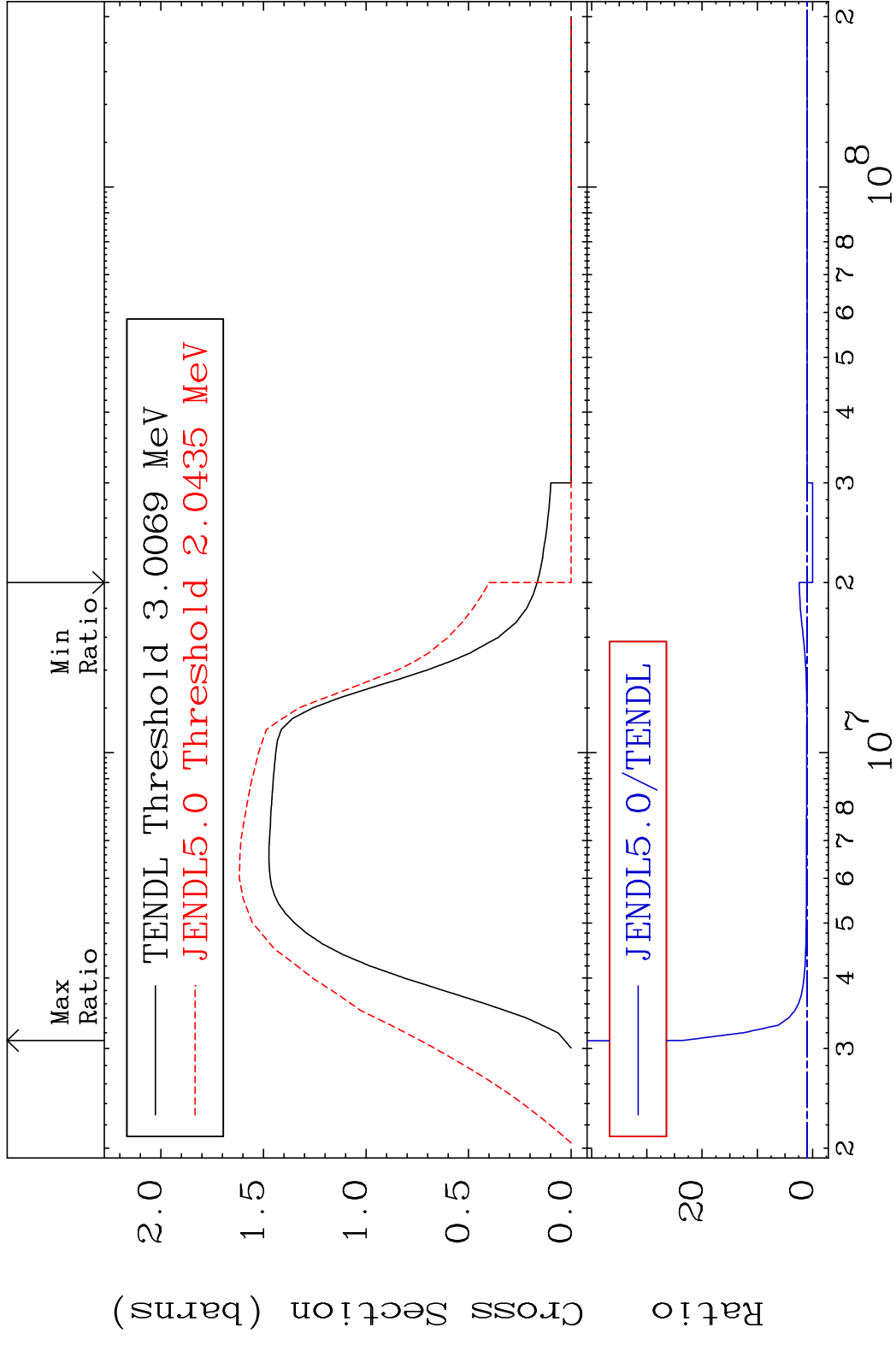
MAT 3625 MT= 60 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 528.8 %



MAT 3625 MT= 61 (n, n') Level 36-Kr-78
 Cross Section -100.0 To 49.69 %



MAT 3625 (n, n') Continuum 36-Kr-78
 Cross Section -100.0 To 2258. %



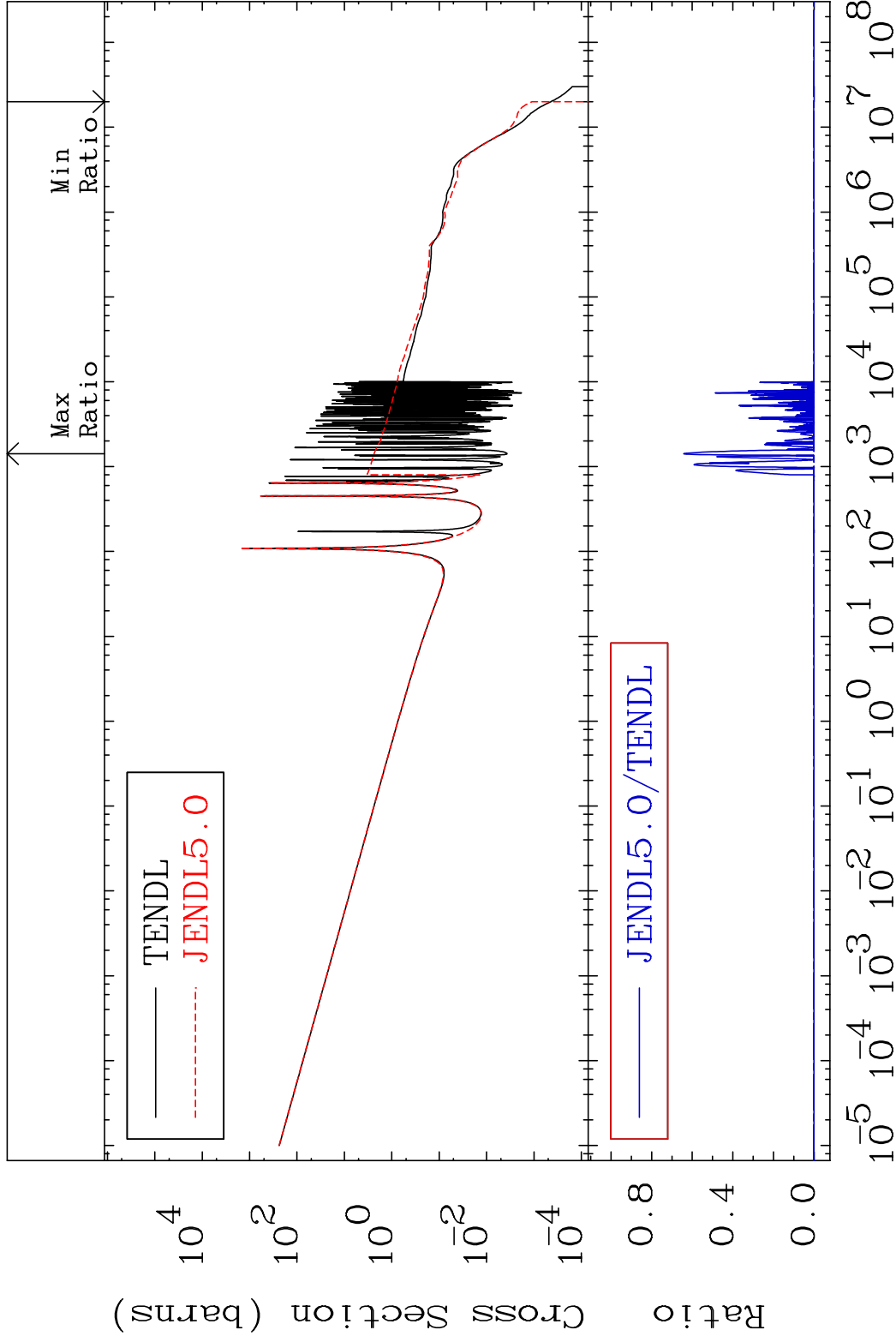
20 20 36-Kr-78

MAT 3625

(n, γ)

36-Kr-78

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

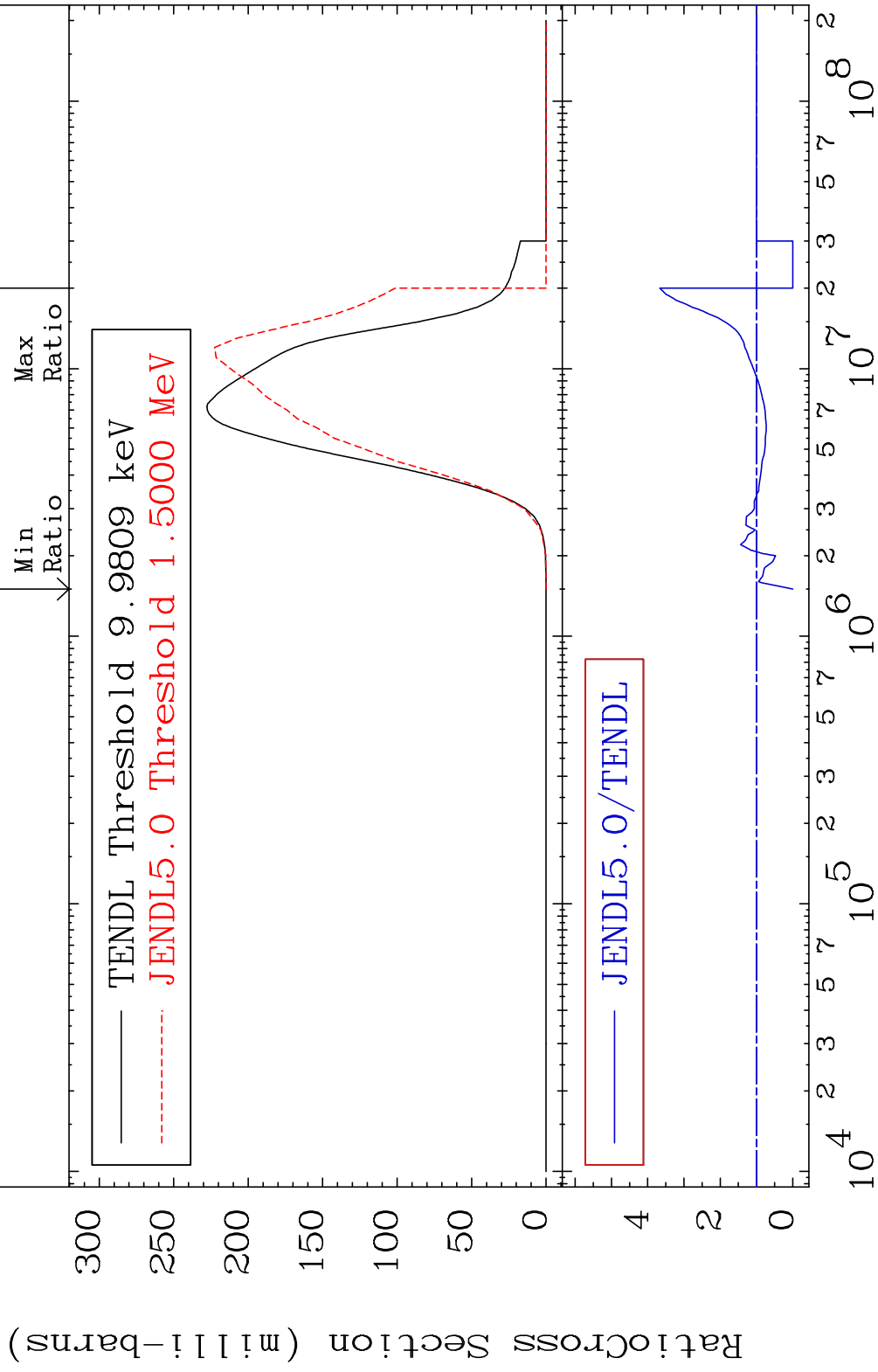
36-Kr-78

MAT 3625

(n, p)

36-Kr-78

Cross Section -100.0 To 266.9 %

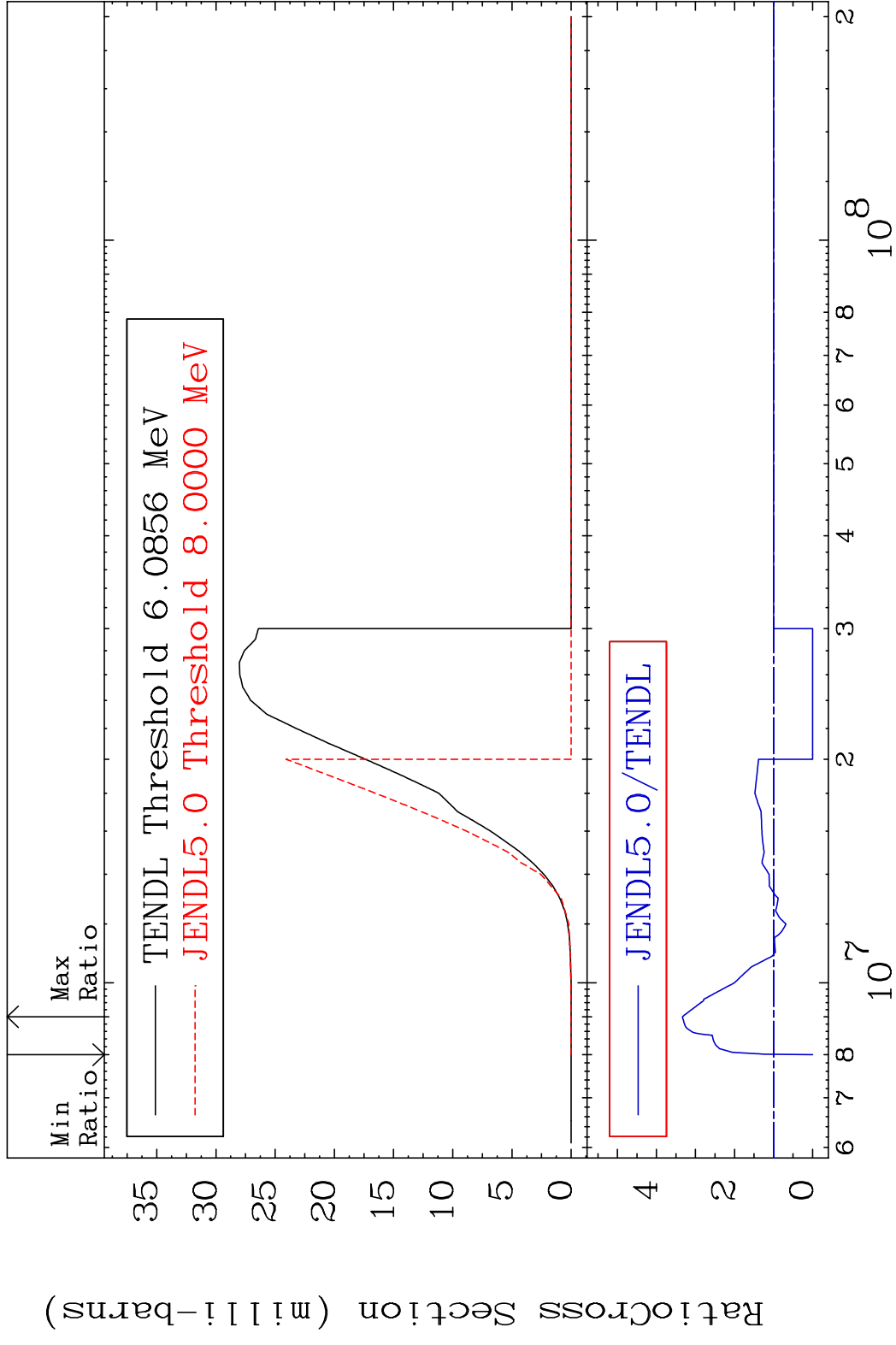


22

Incident Energy (eV)

36-Kr-78

MAT 3625 (n,d) 36-Kr-78
 Cross Section -100.0 To 233.7 %

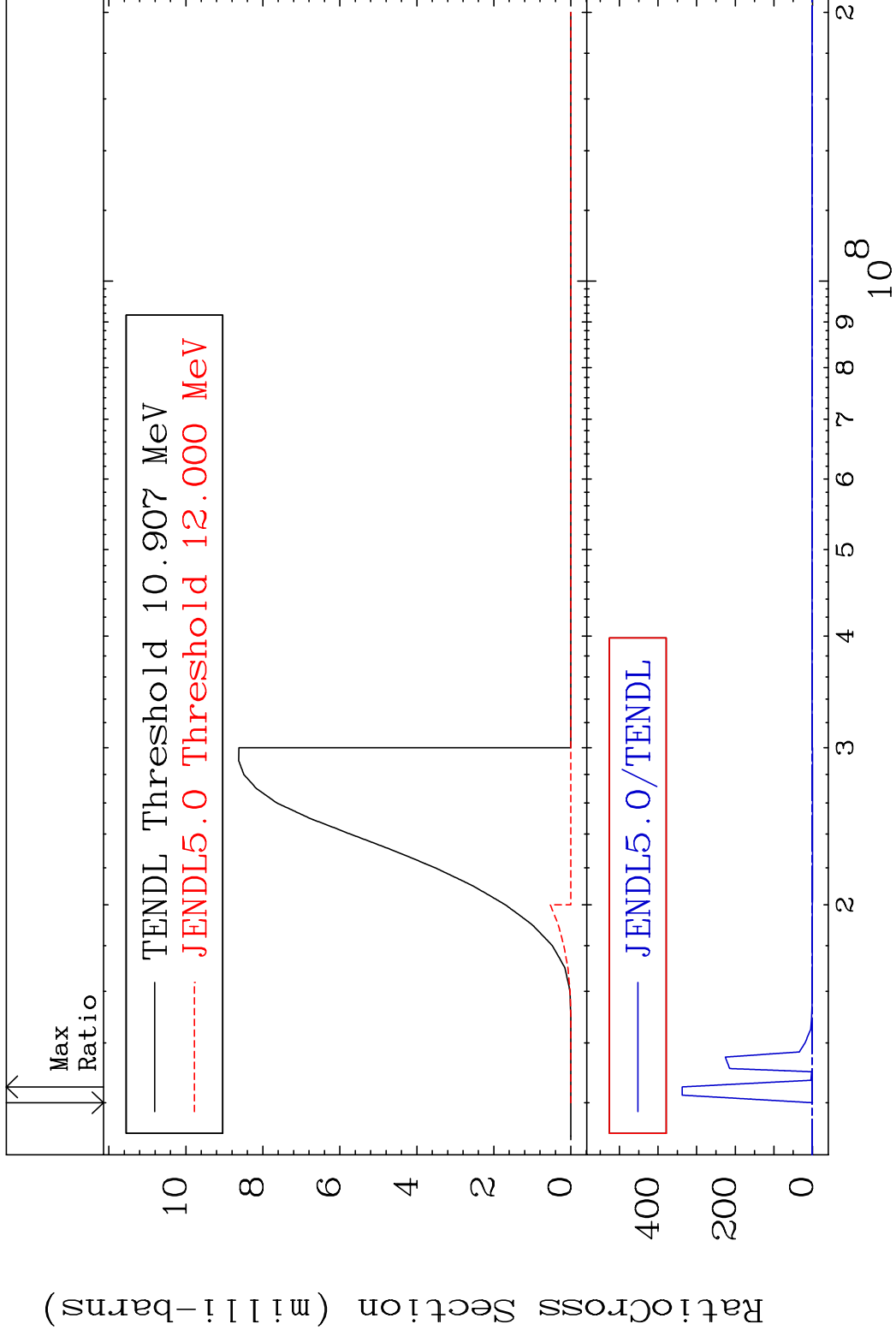


MAT 3625

(n, t)

36-Kr-78

Cross Section -100.0 To 9999. %

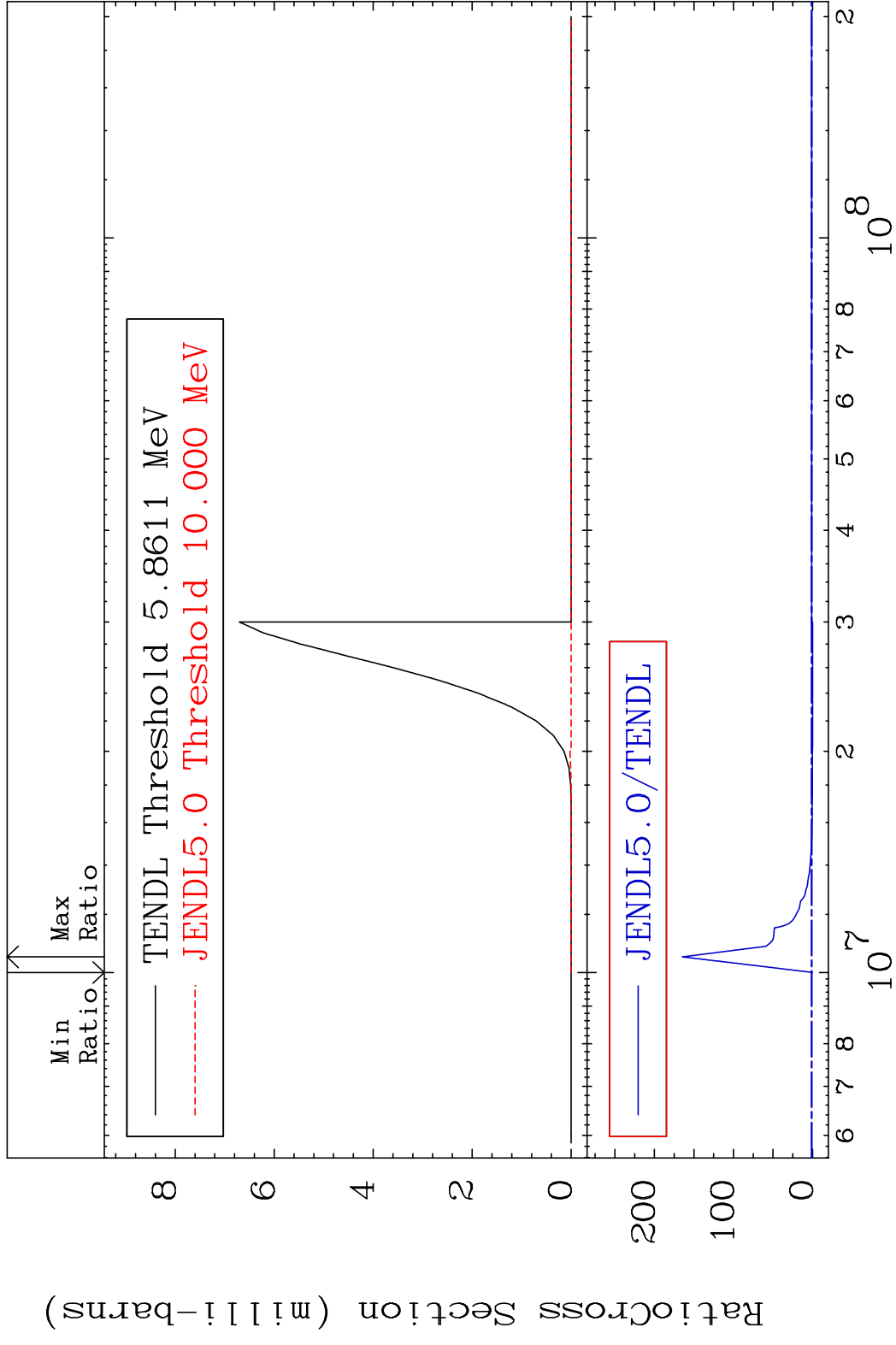


24

Incident Energy (eV)

36-Kr-78

MAT 3625 (n, He-3) 36-Kr-78
 Cross Section -100.0 To 9999. %

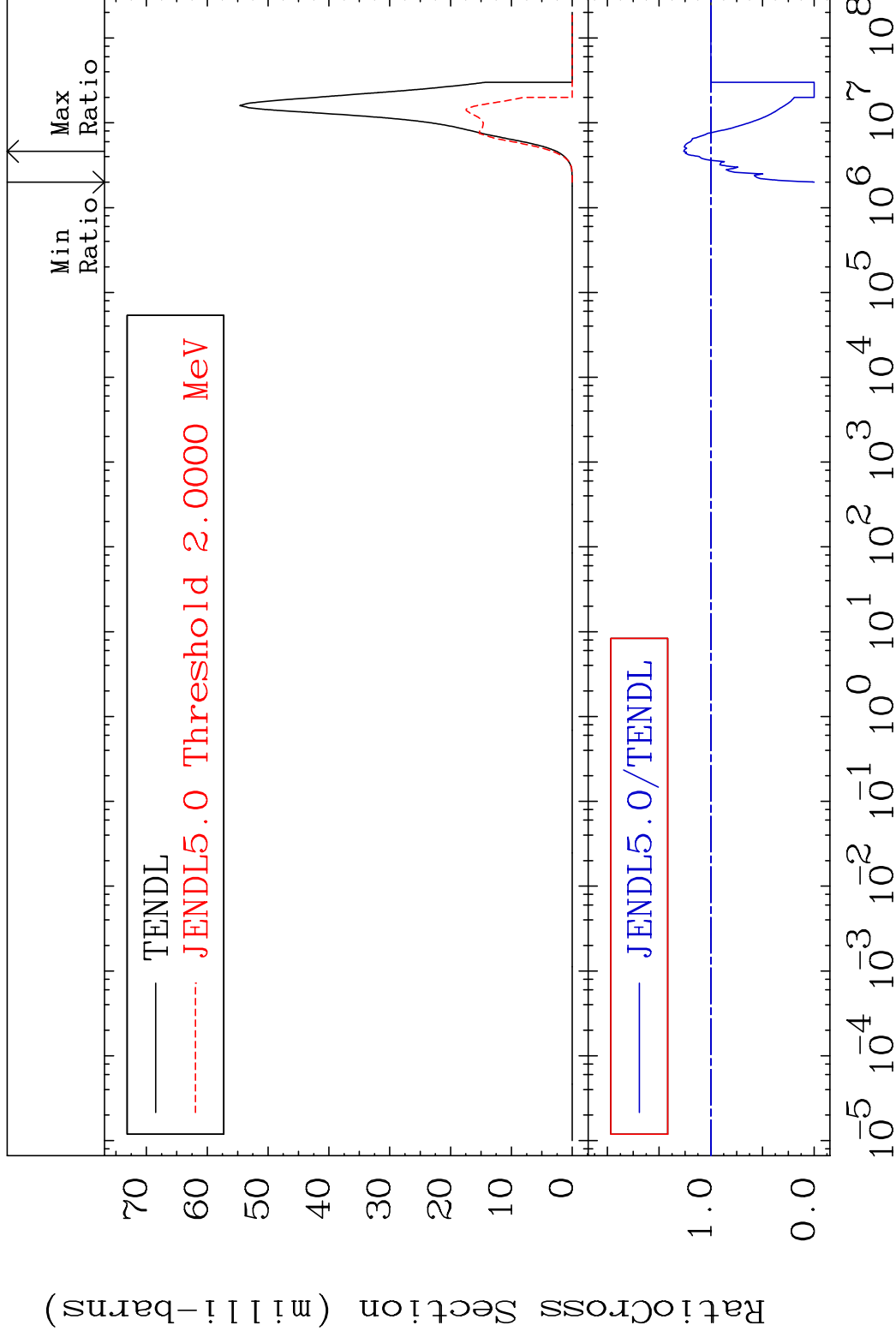


MAT 3625

(n, α)

36-Kr-78

Cross Section -100.0 To 26.26 %

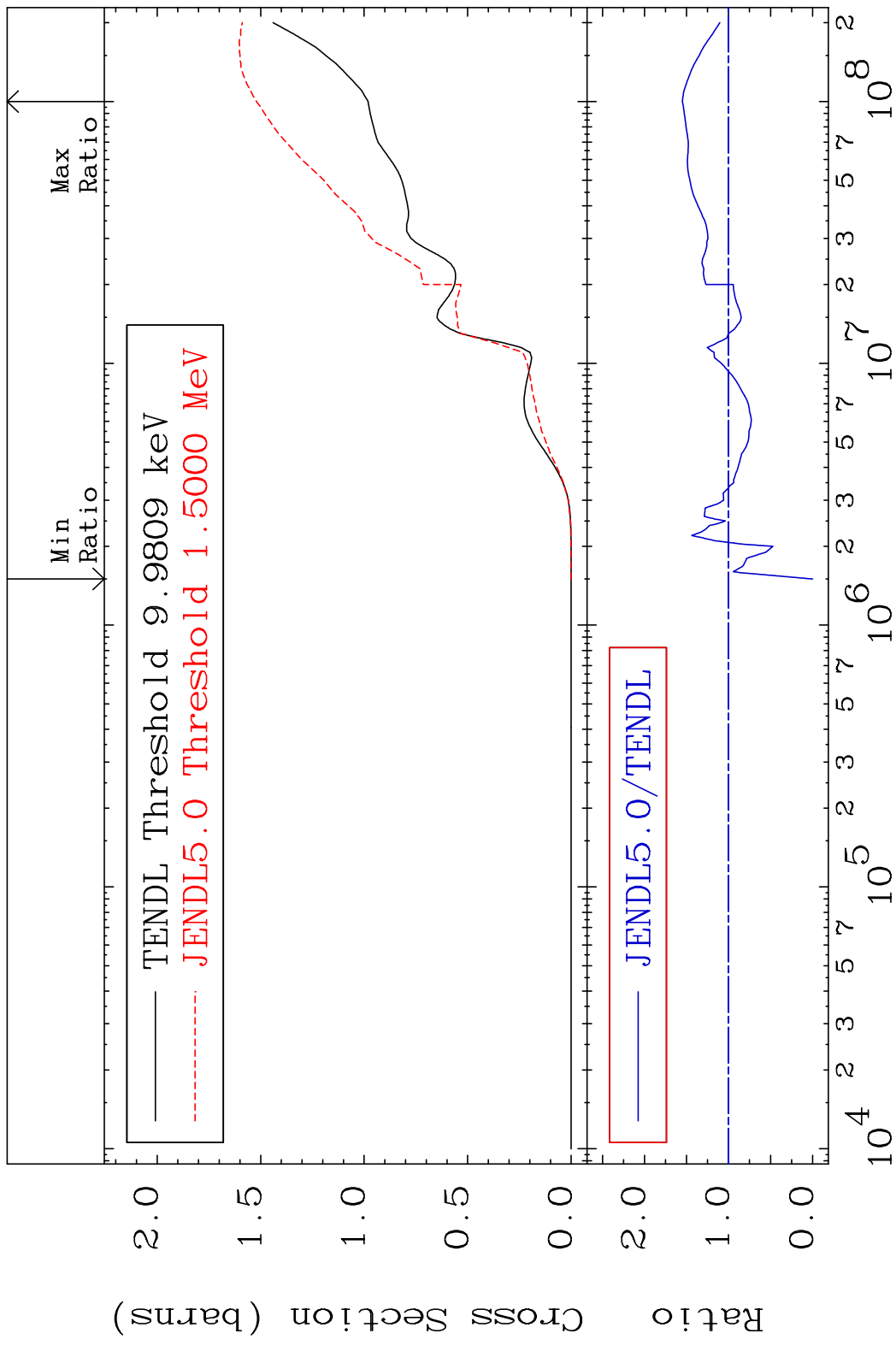


26

Incident Energy (eV)

36-Kr-78

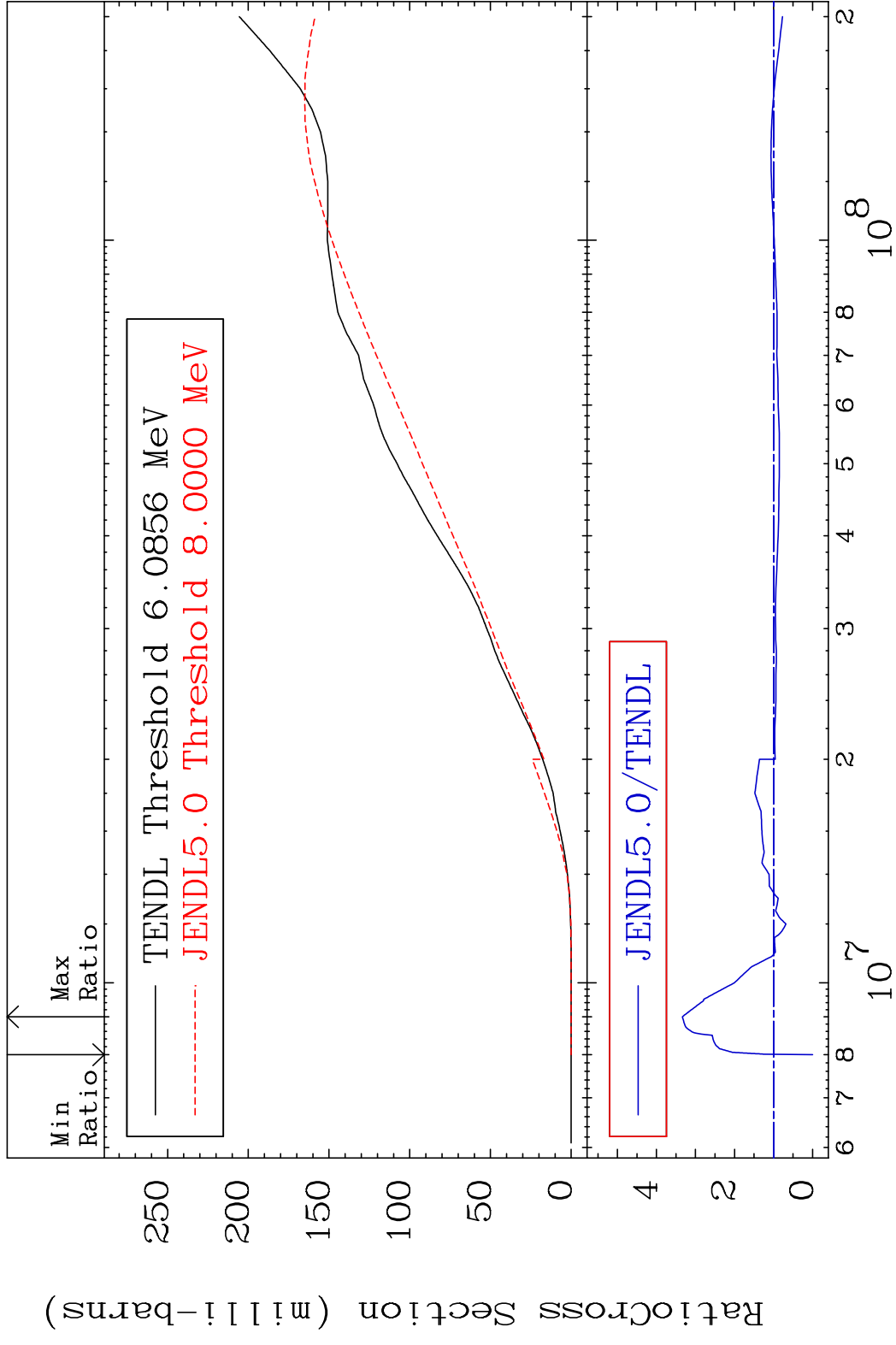
MAT 3625 Hydrogen Production 36-Kr-78
 Cross Section -100.0 To 54.94 %



27 Incident Energy (eV) 36-Kr-78

MAT 3625

Deuterium Production 36-Kr-78
Cross Section -100.0 To 233.7 %

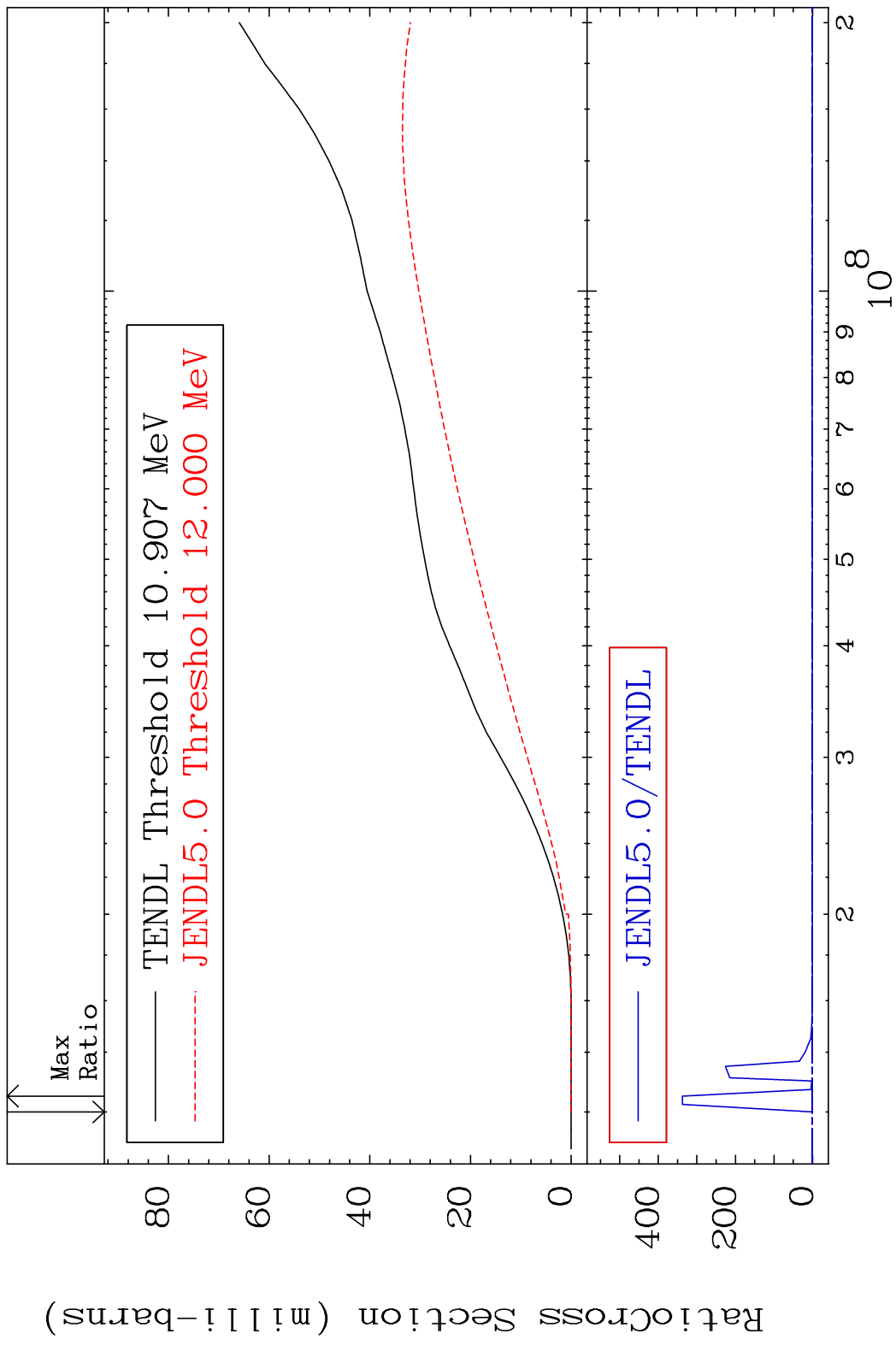


28

Incident Energy (eV)

36-Kr-78

MAT 3625 Tritium Production 36-Kr-78
 Cross Section -100.0 To 9999. %

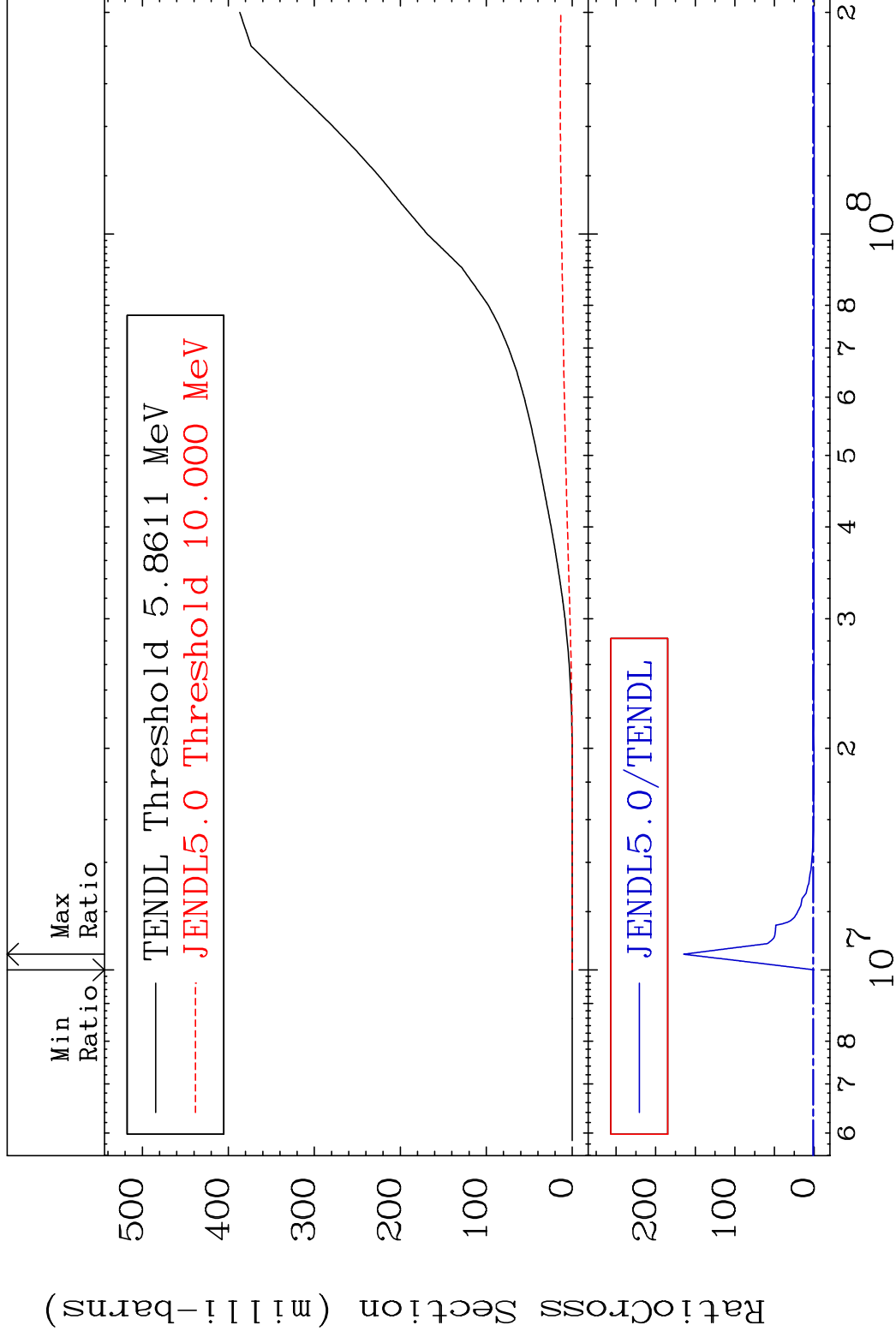


MAT 3625

He-3 Production

36-Kr-78

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

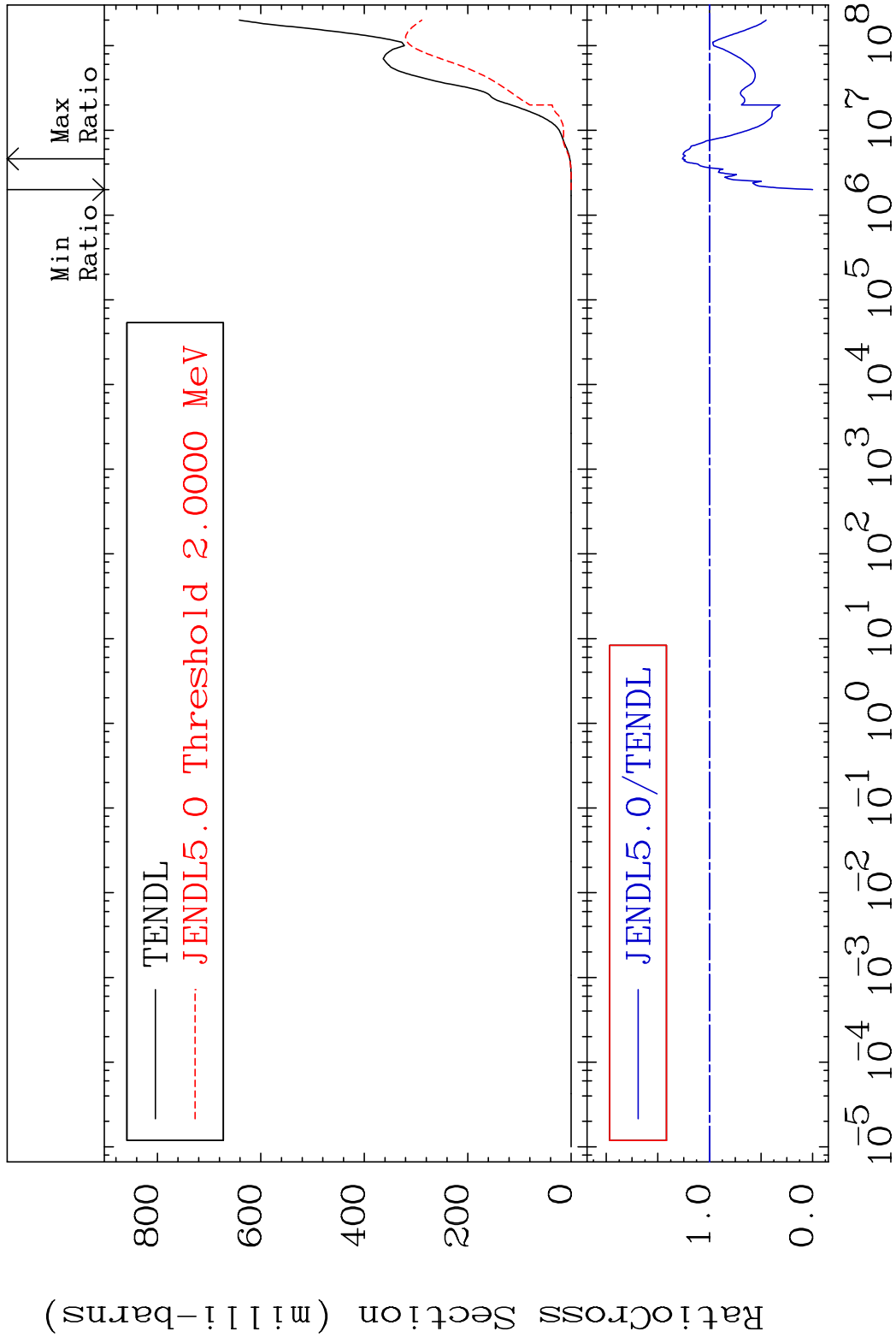
36-Kr-78

MAT 3625

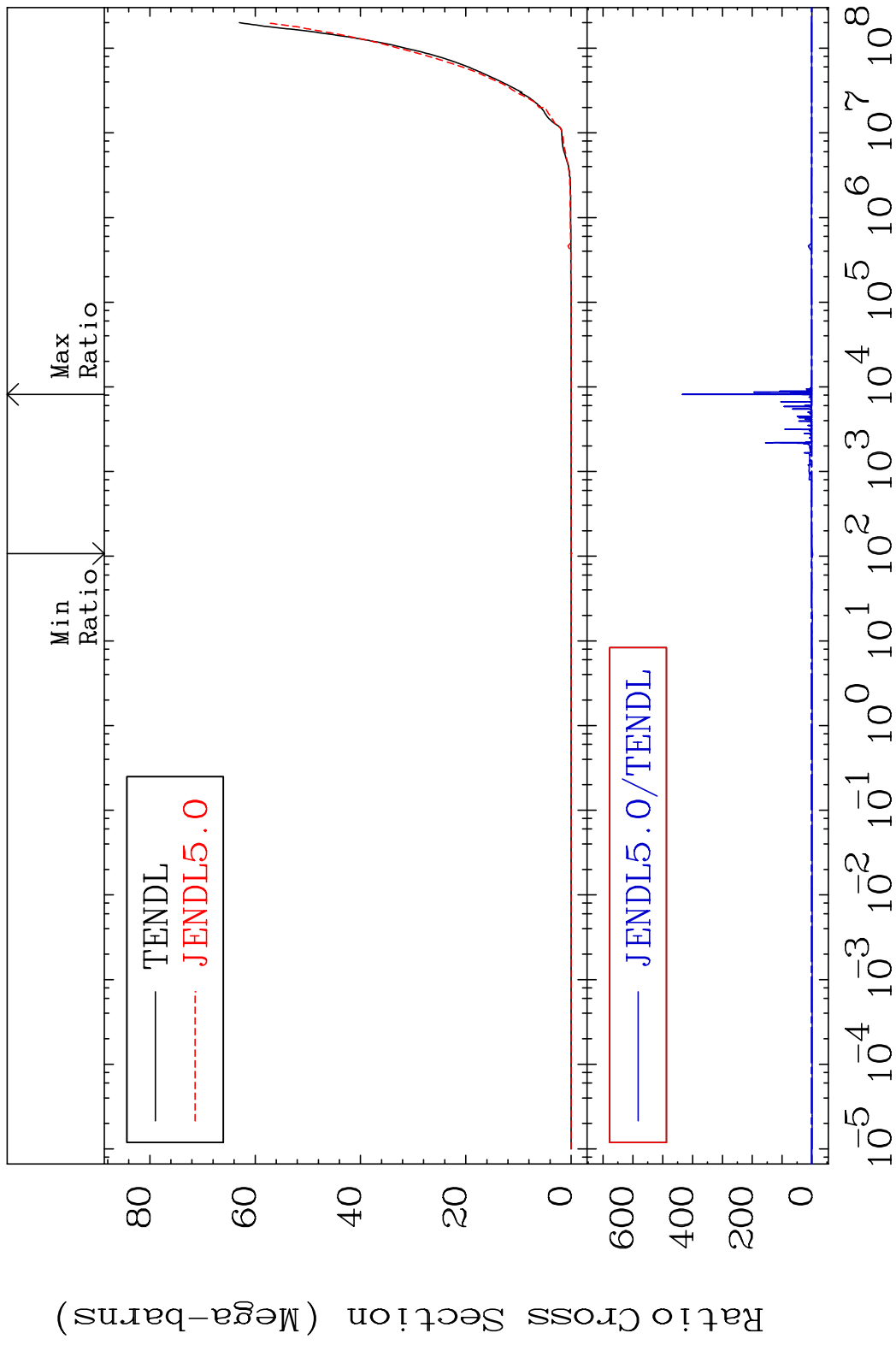
He-4 Production

36-Kr-78

Cross Section -100.0 To 26.26 %

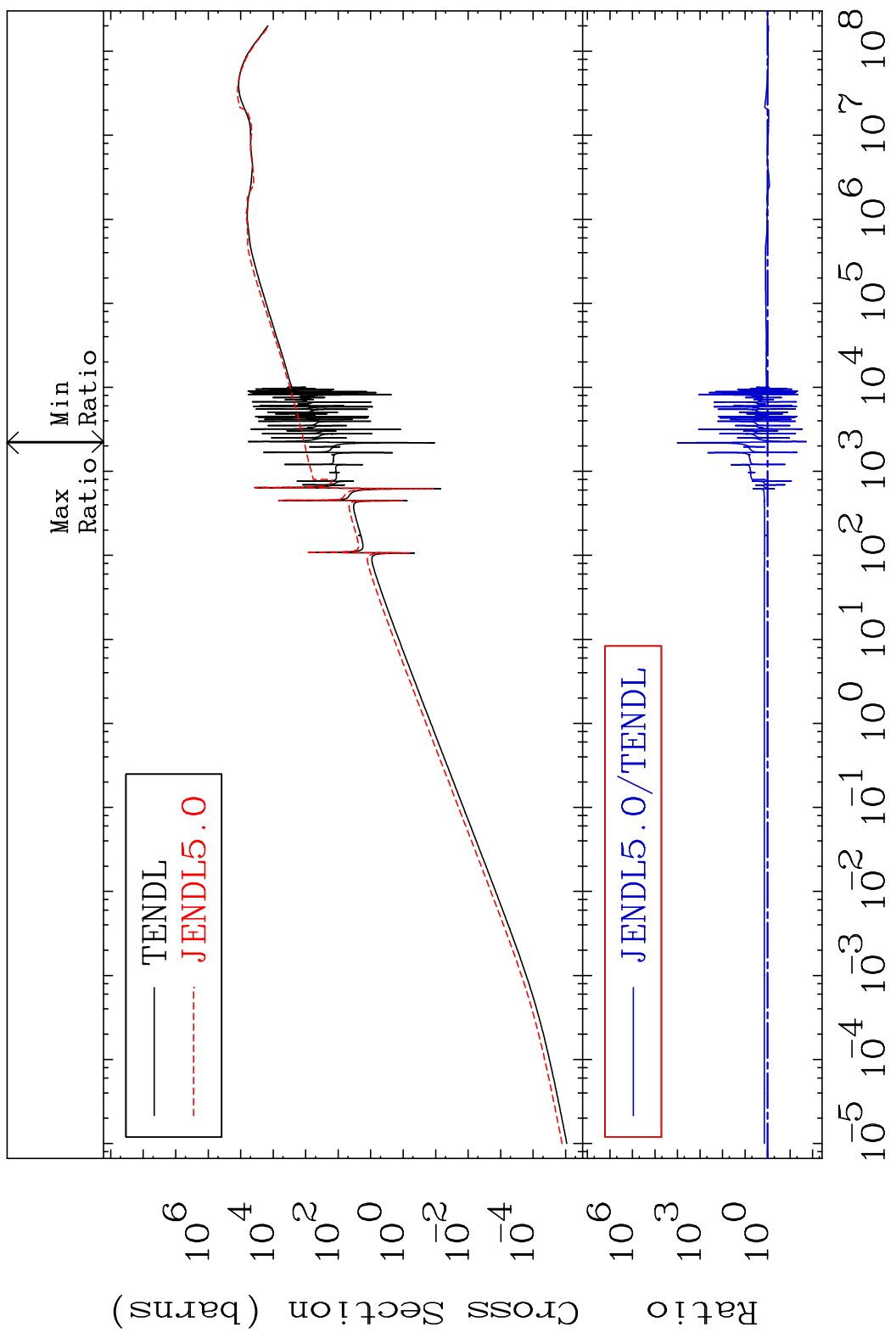


MAT 3625 Kerma total (eV-barns) 36-Kr-78
Cross Section -304.1 To 9999. %



MAT 3625

Kerma elastic Cross Section -98.11 To 9999. %
36-Kr-78

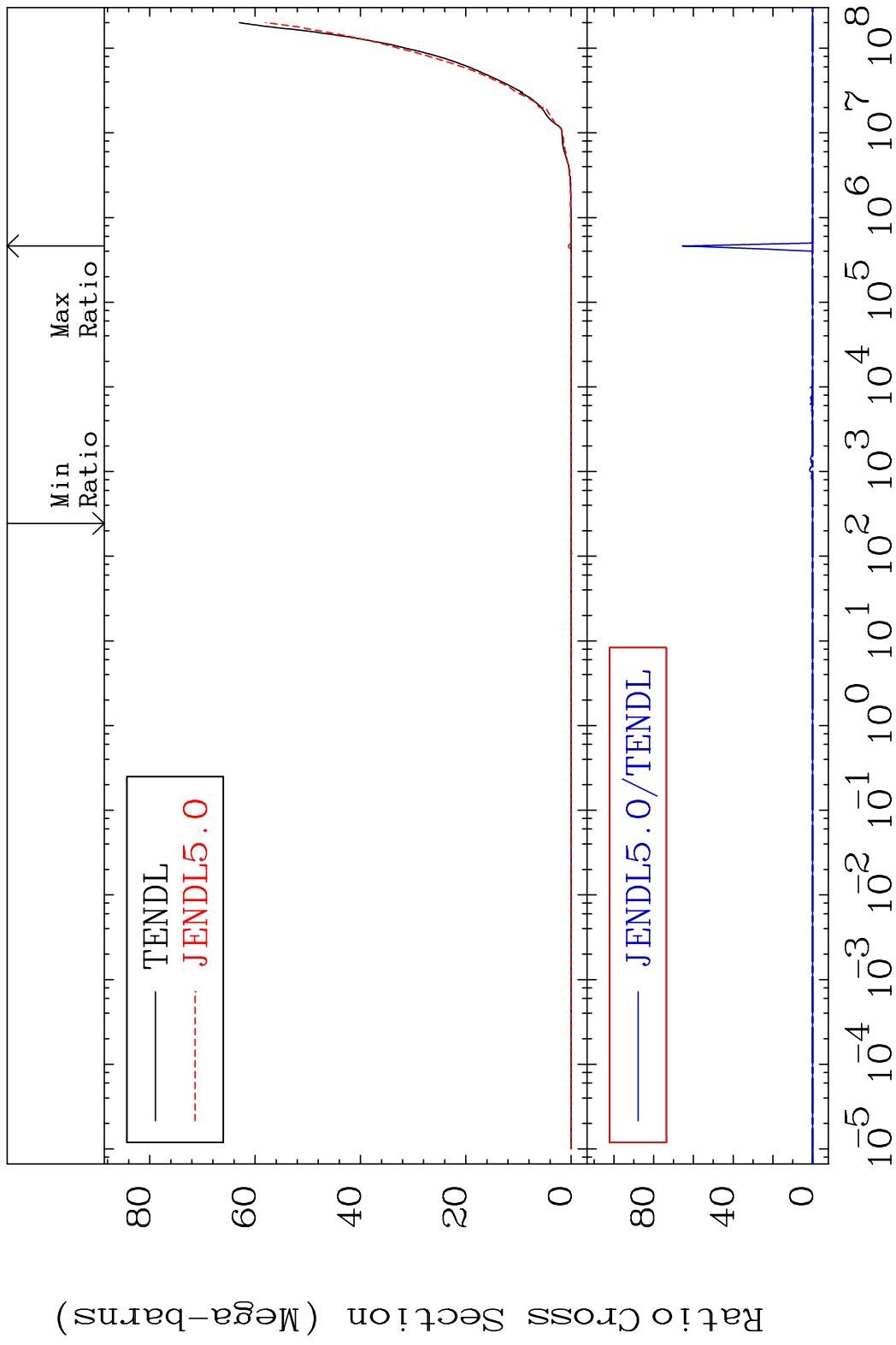


33

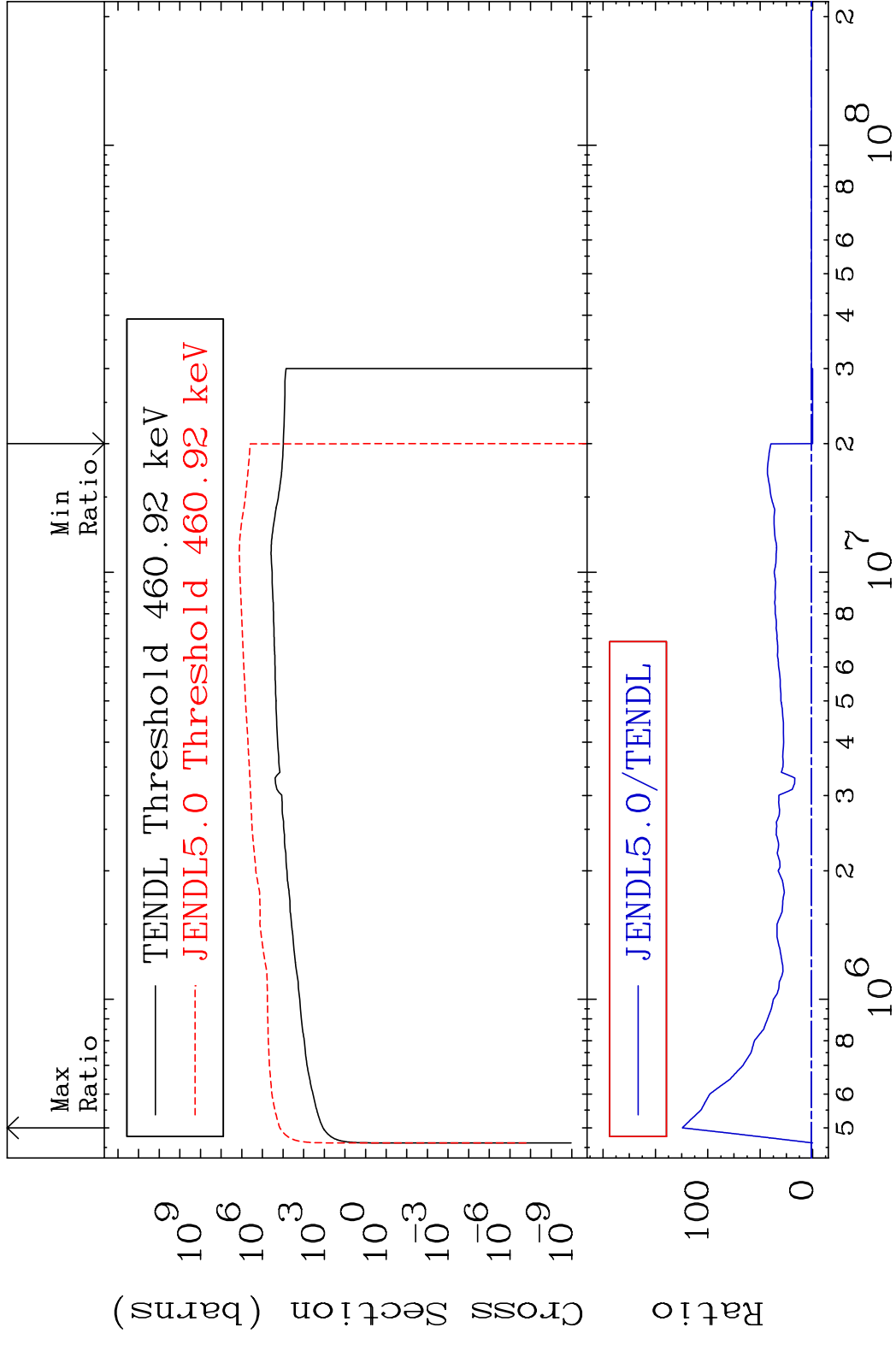
Incident Energy (eV)

36-Kr-78

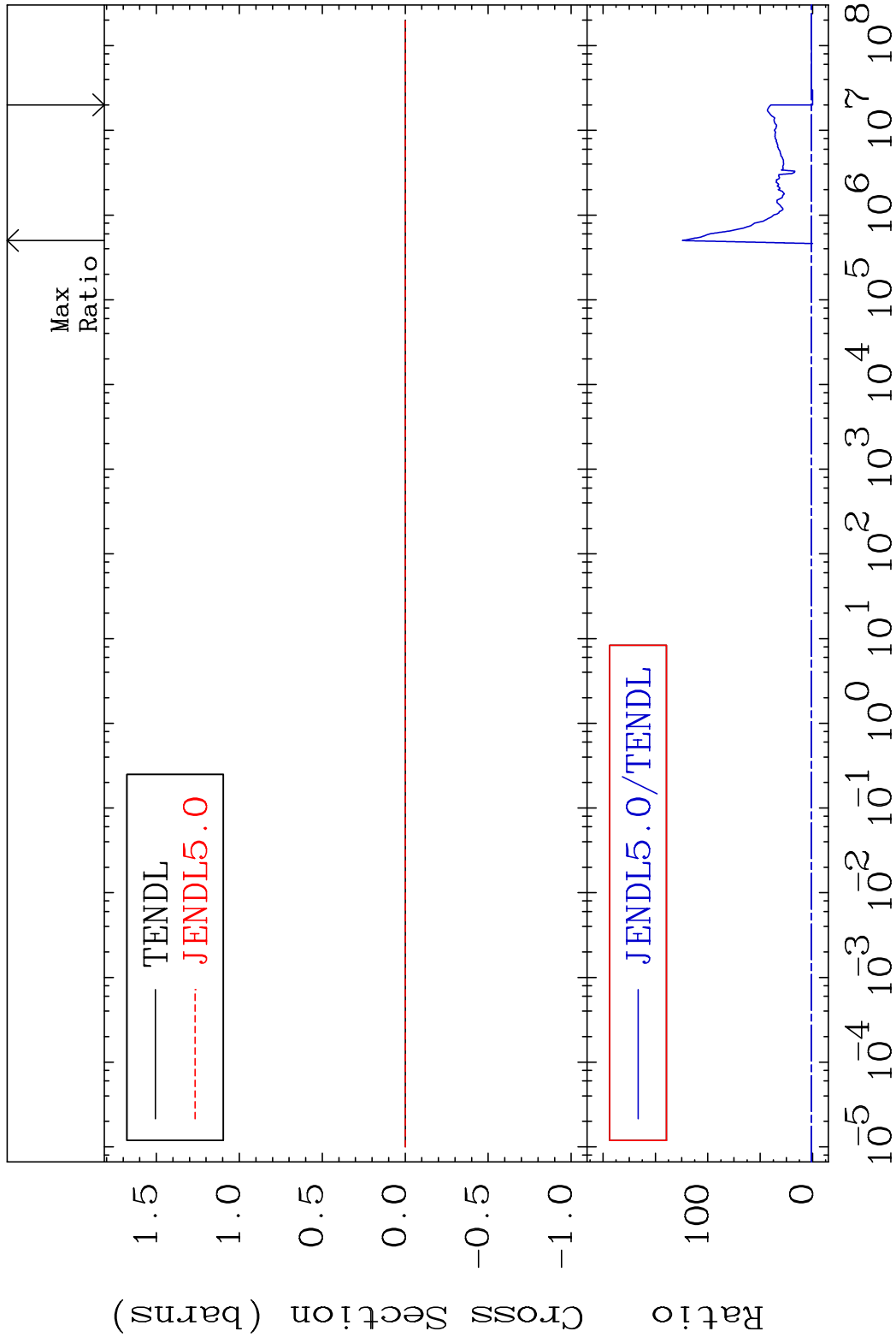
MAT 3625 Kerma non-elastic (all but mt2) 36-Kr-78
 Cross Section -735.4 To 9999. %



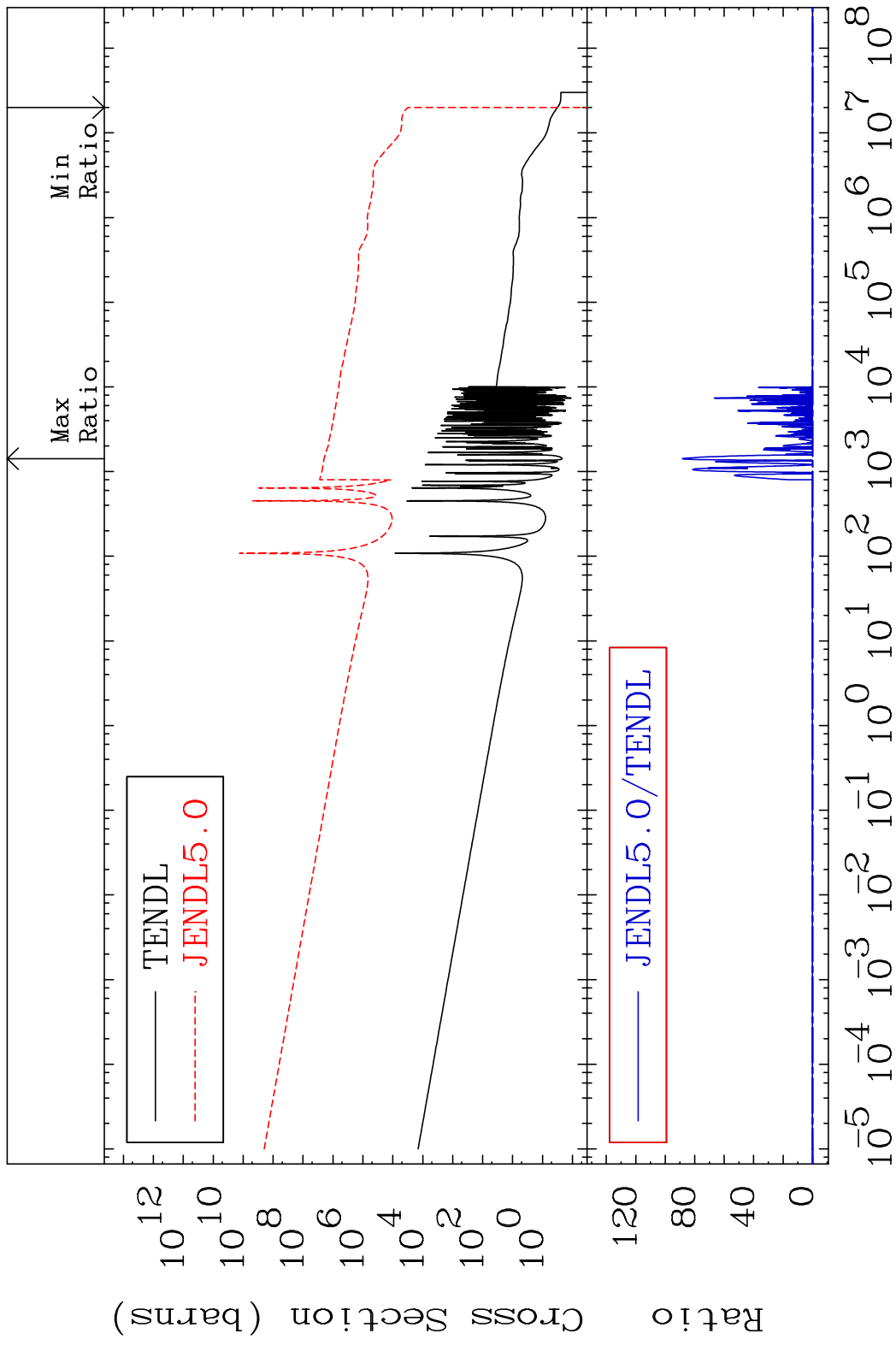
MAT 3625 Kerma inelastic (mt51-91) 36-Kr-78
 Cross Section -100.0 To 9999. %



MAT 3625 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-78
 Cross Section -100.0 To 9999. %

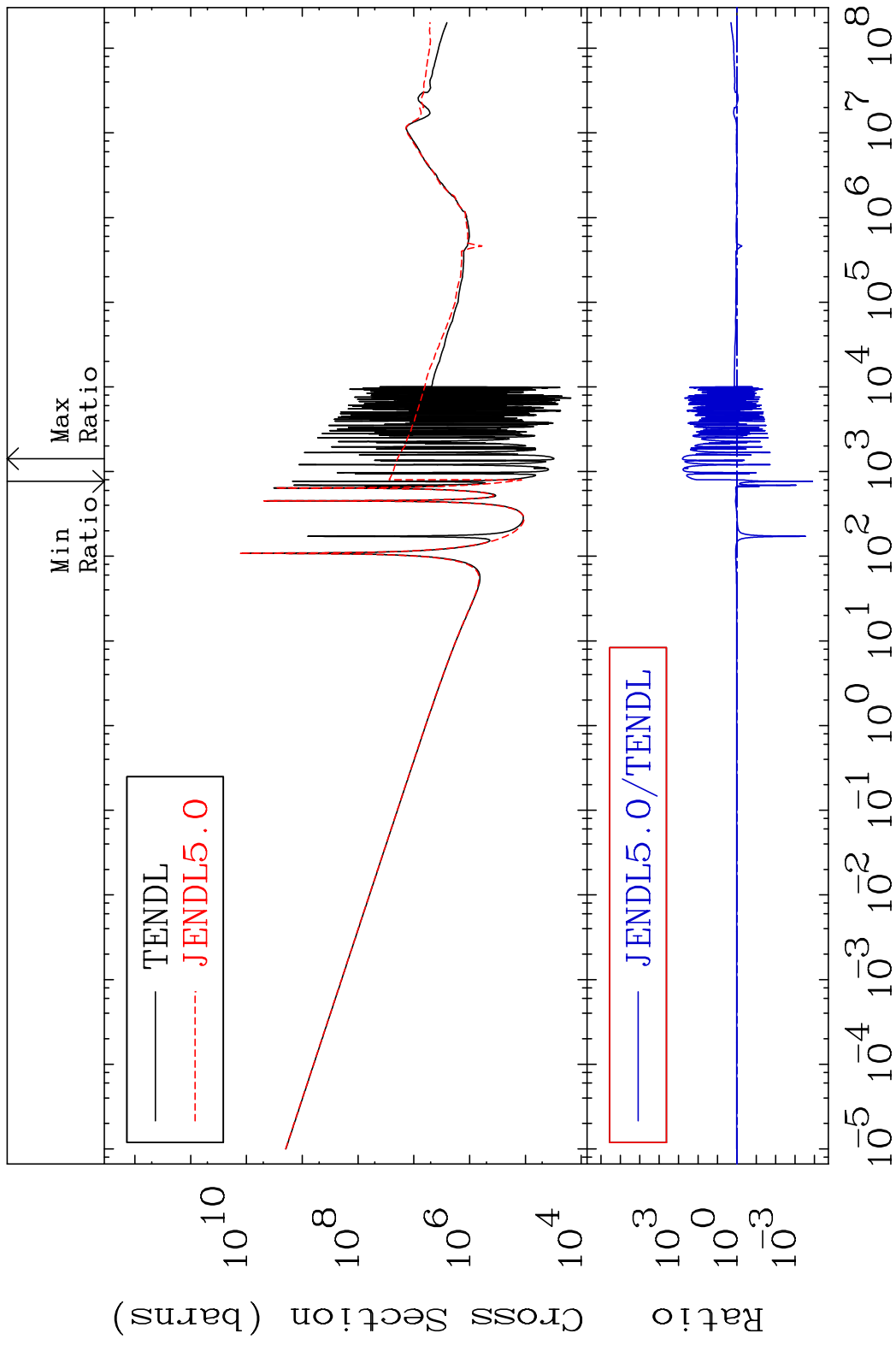


MAT 3625 Kerma capture (mt102) 36-Kr-78
 Cross Section -100.0 To 9999. %



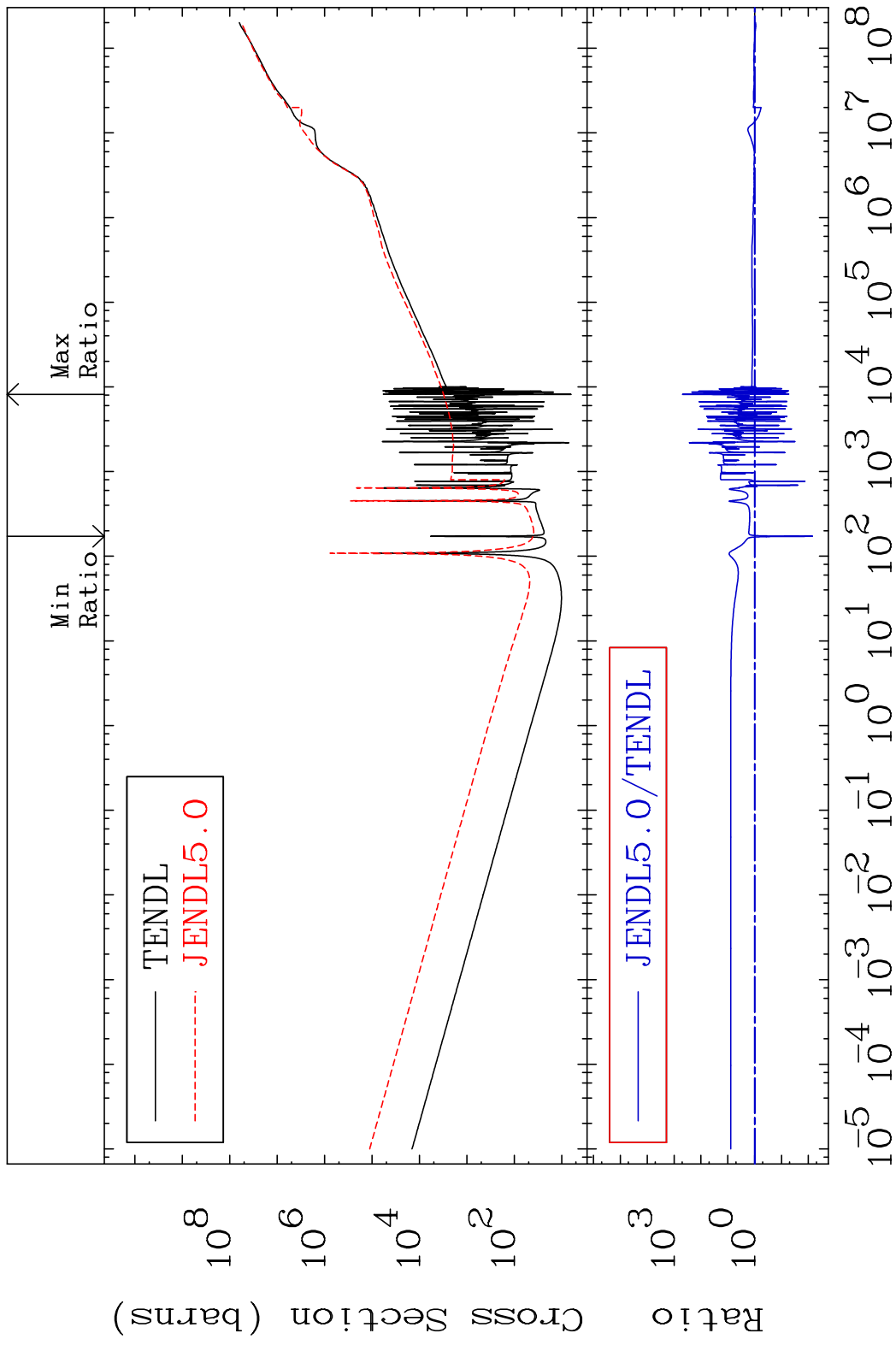
37 Incident Energy (eV) 36-Kr-78

MAT 3625 Total photon (eV-barns) 36-Kr-78
 Cross Section -99.99 To 9999. %



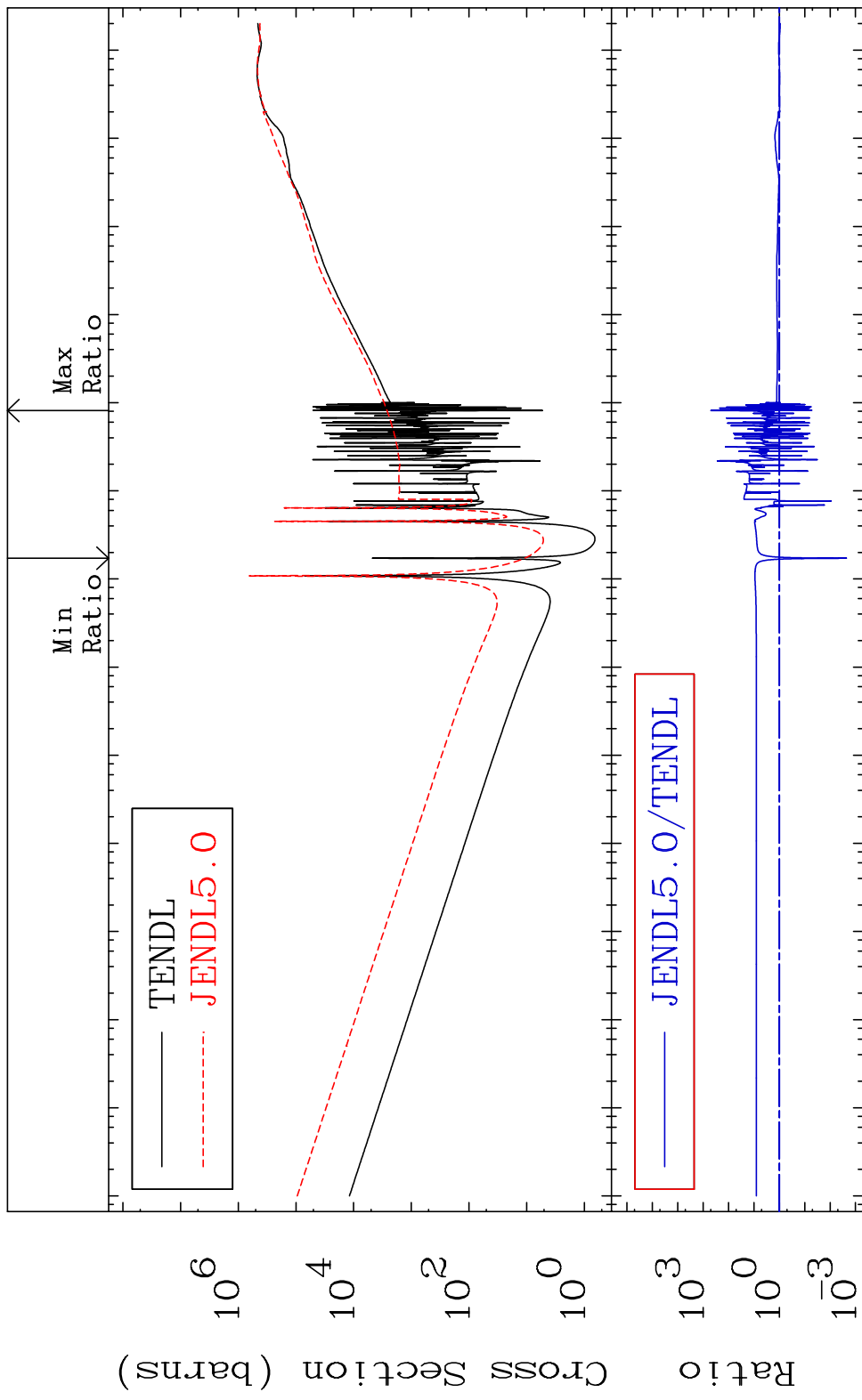
38 Incident Energy (eV) 36-Kr-78

MAT 3625 Total kinematic kerma (high limit) 36-Kr-78
 Cross Section -99.30 To 9999. %



39 Incident Energy (eV) 36-Kr-78

MAT 3625 Dpa total (eV-barns) 36-Kr-78
Cross Section -99.777 To 9999.9 %



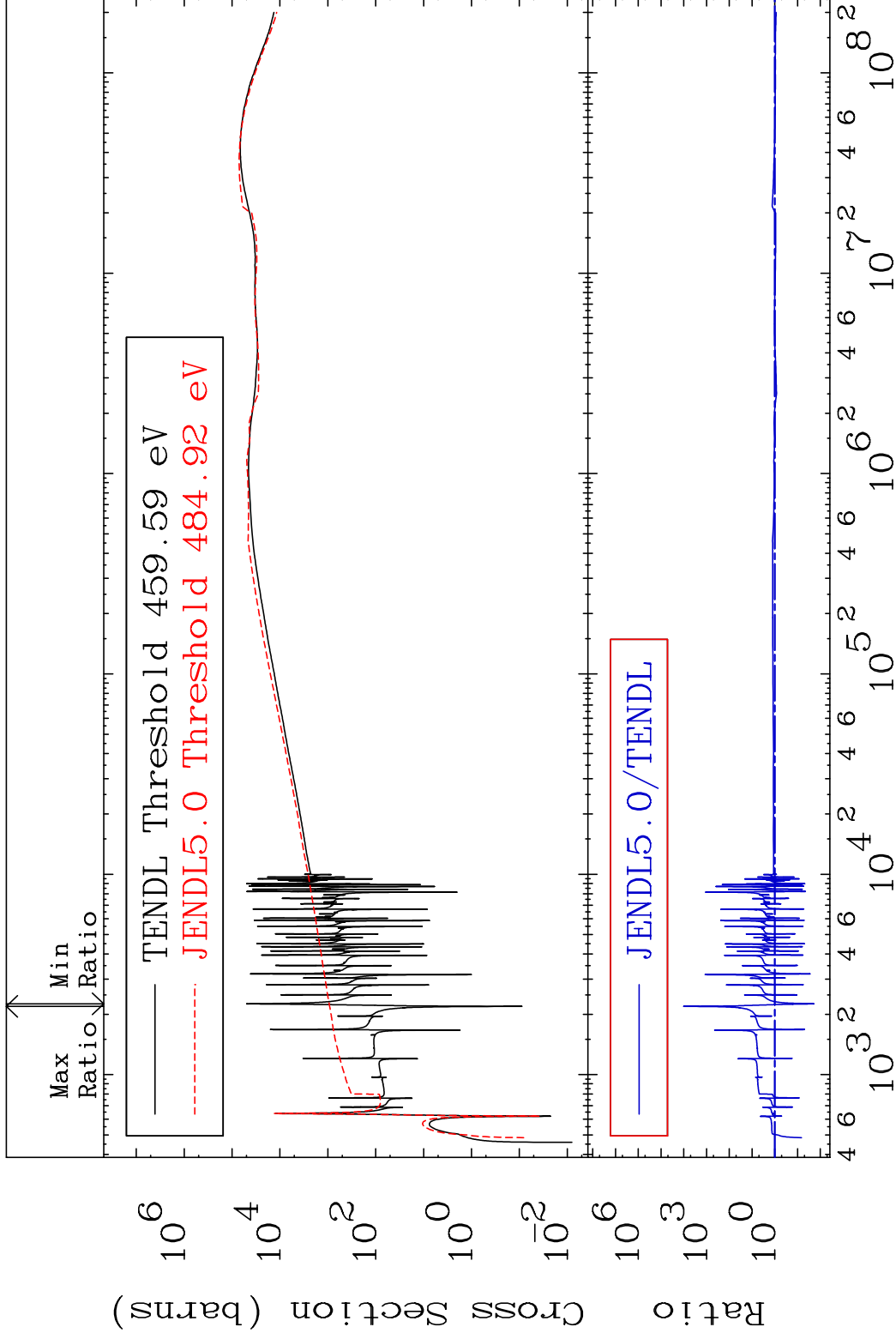
40 Incident Energy (eV) 36-Kr-78

MAT 3625

Dpa elastic (mt2)

36-Kr-78

Cross Section -98.12 To 9999. %

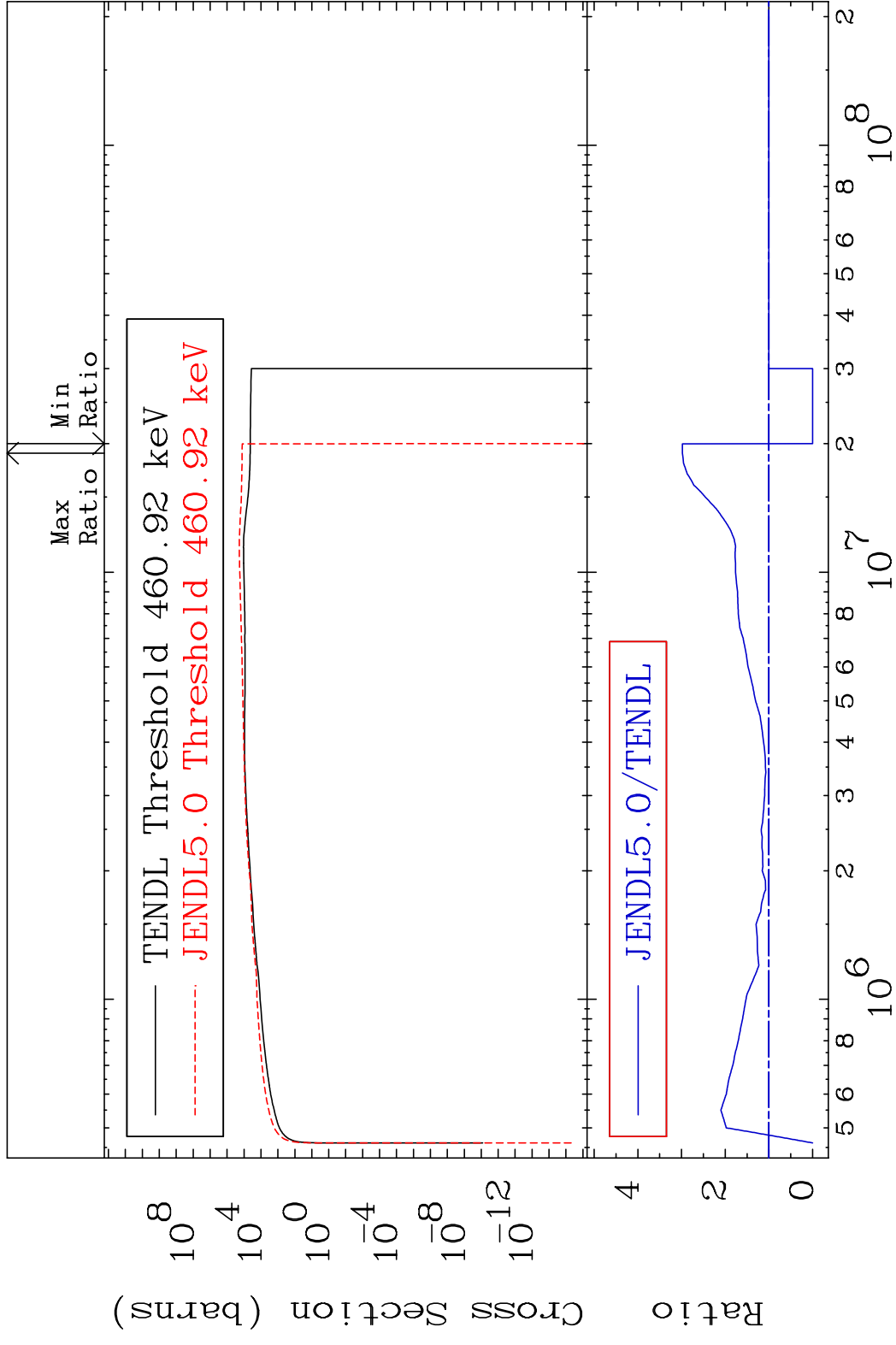


41

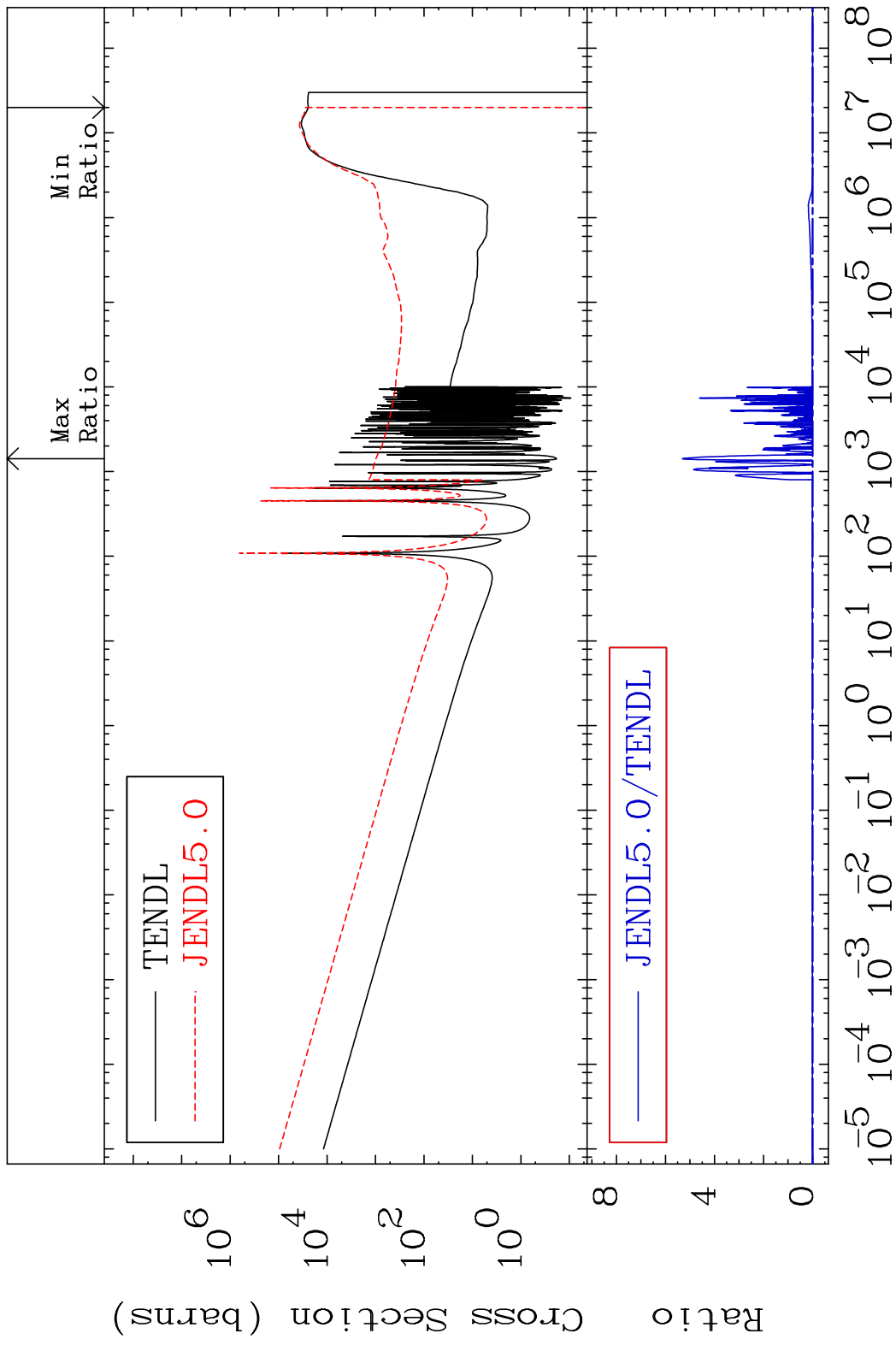
Incident Energy (eV)

36-Kr-78

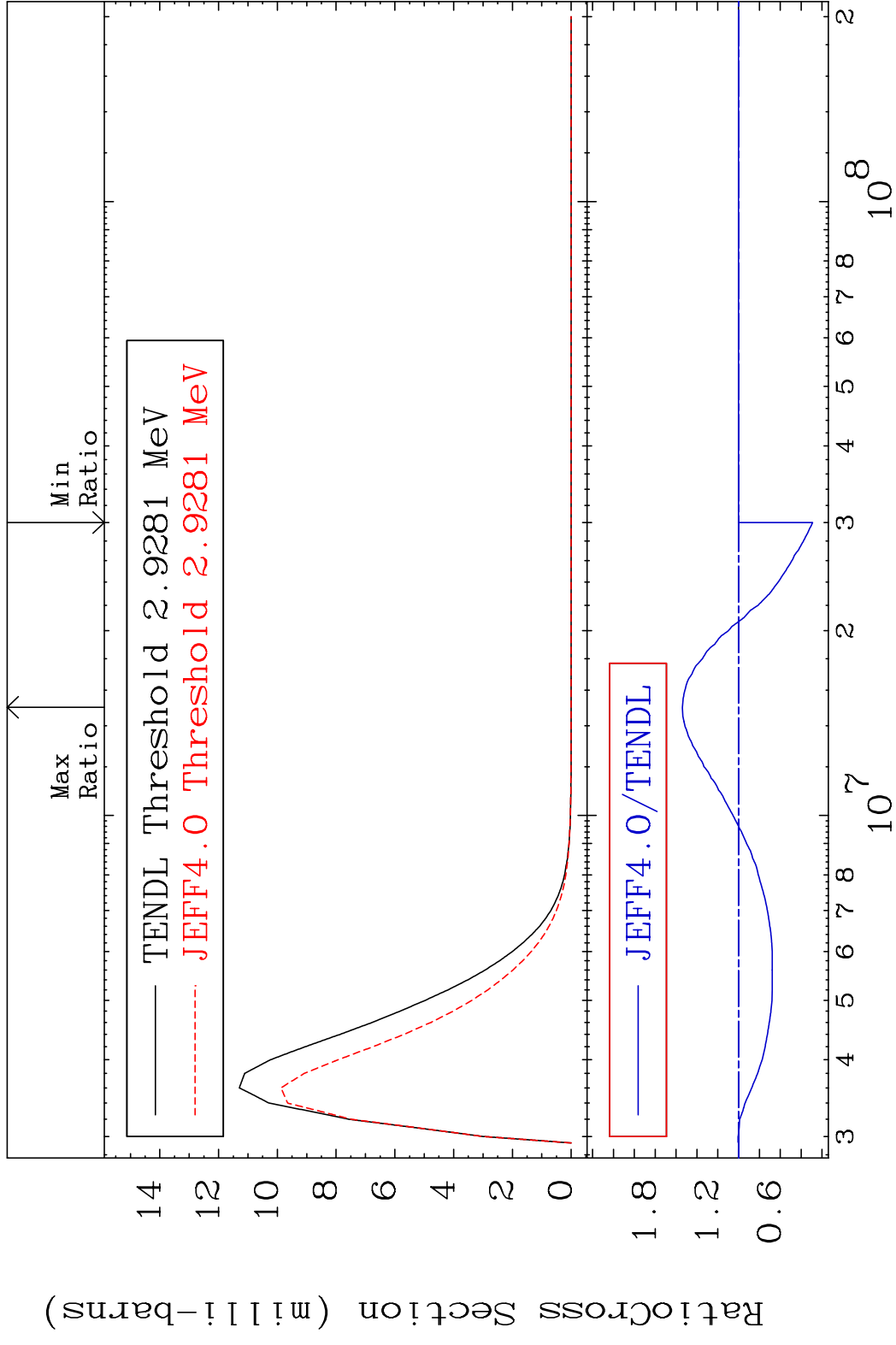
MAT 3625 Dpa inelastic (mt51-91) 36-Kr-78
 Cross Section -100.0 To 198.1 %



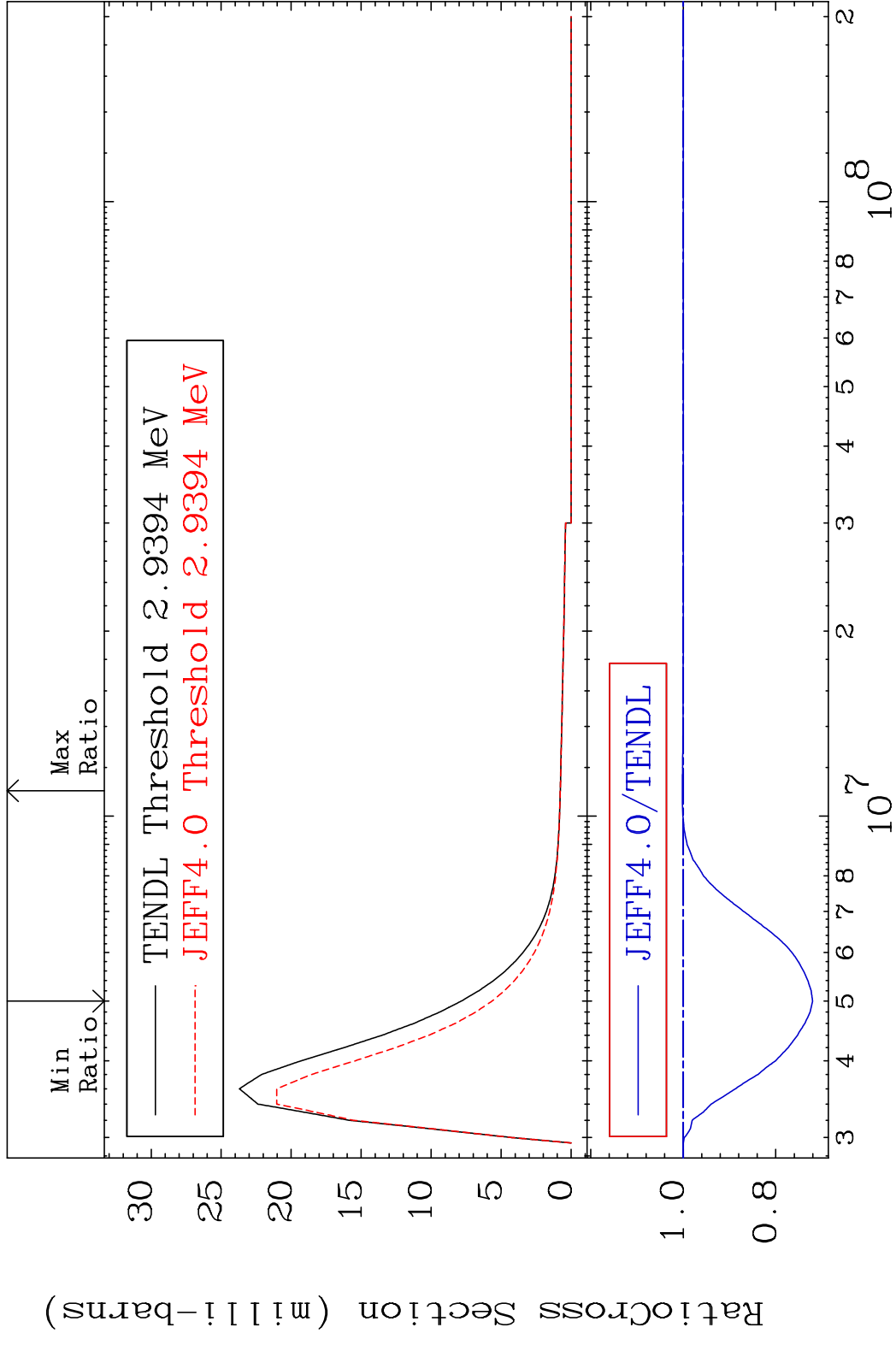
MAT 3625 Dpa disappearance (mt102 -120) 36-Kr-78
Cross Section -100.0 To 9999. %



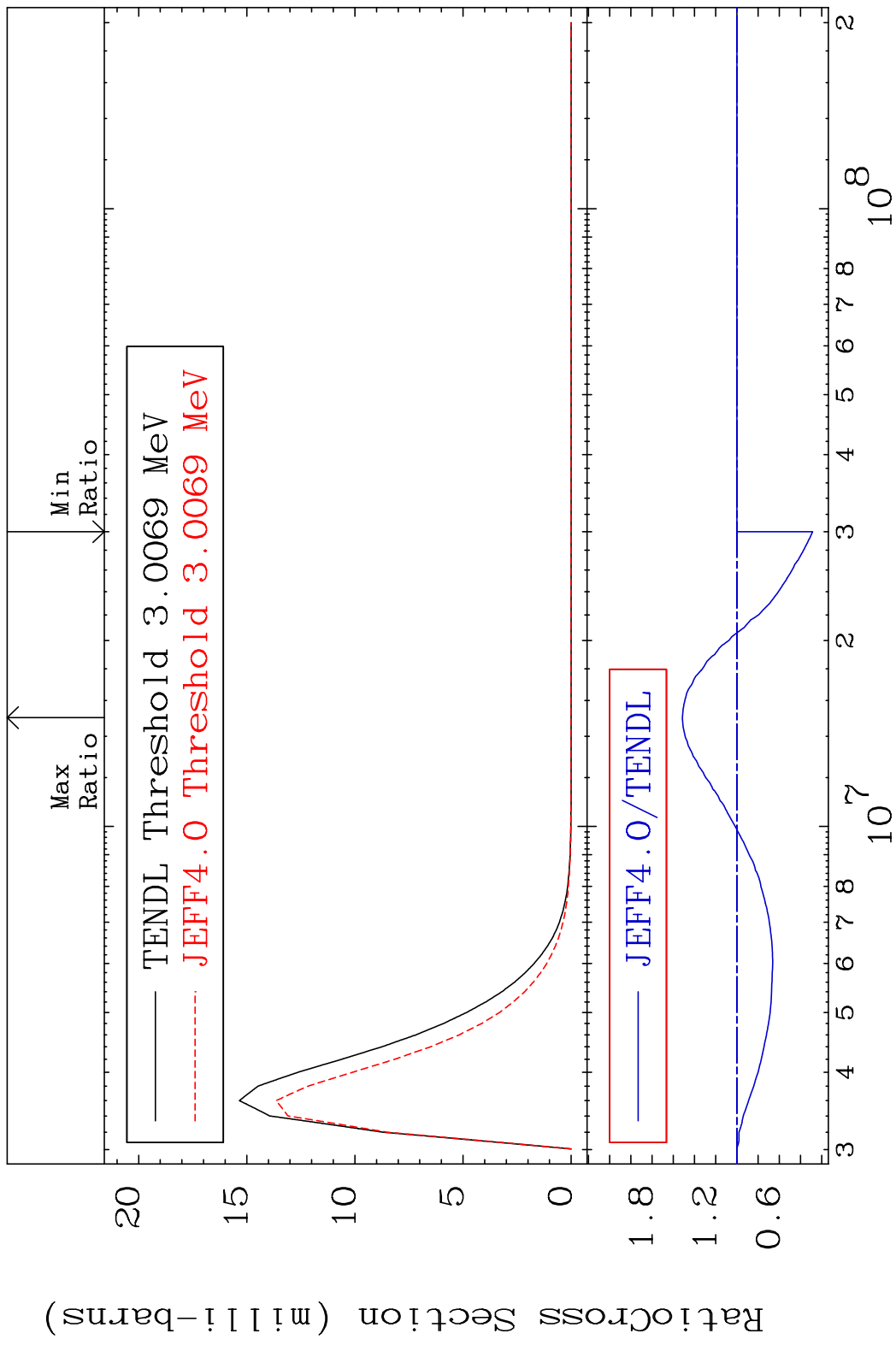
MAT 3625 MT= 78 (n,n') Level 36-Kr-78
 Cross Section -70.91 To 53.93 %



MAT 3625 MT= 79 (n, n') Level 36-Kr-78
 Cross Section -27.95 To 0.183 %



MAT 3625 MT= 80 (n,n') Level 36-Kr-78
 Cross Section -71.45 To 51.41 %

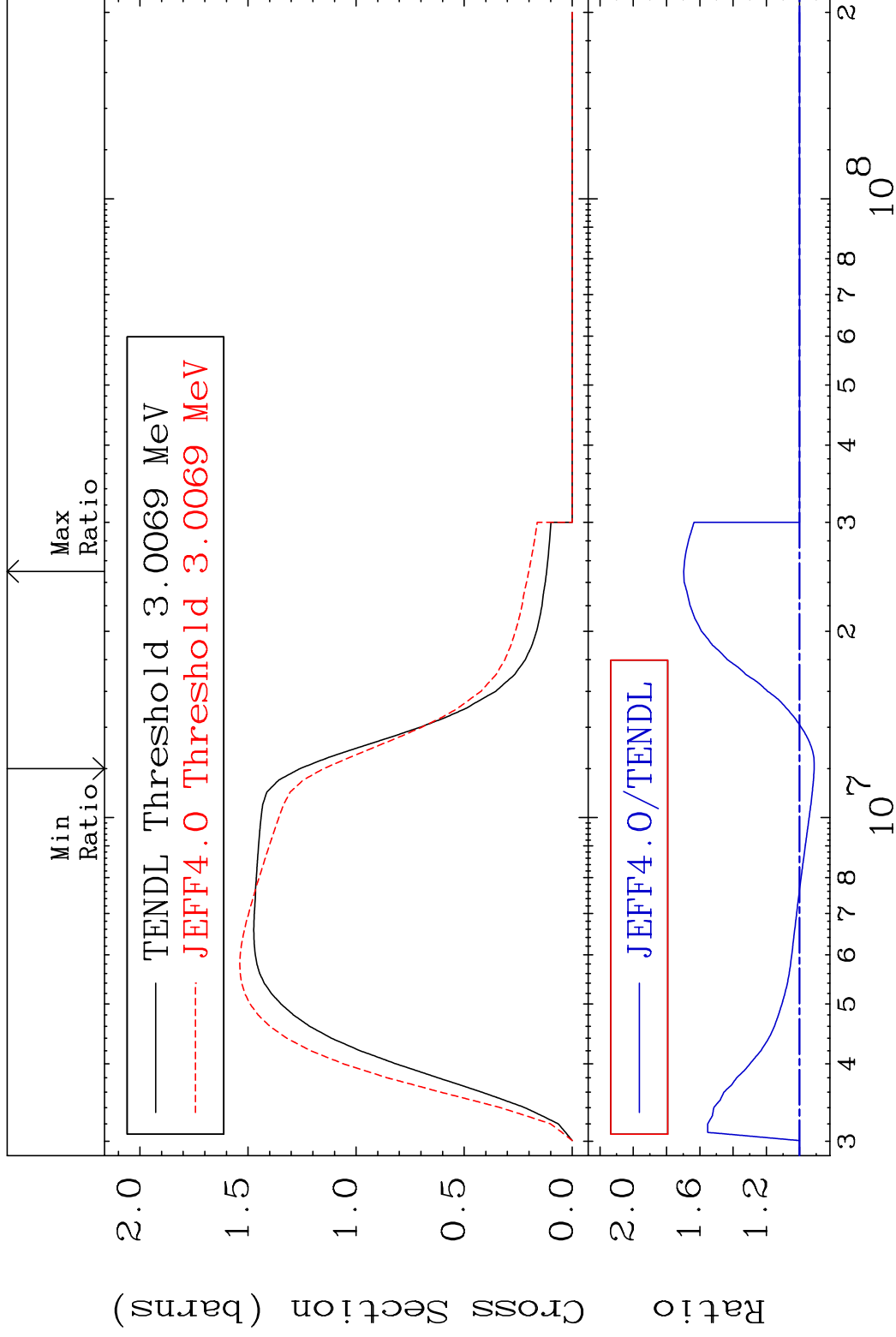


MAT 3625

(n, n') Continuum

36-Kr-78

Cross Section -8.719 To 69.71 %



47

Incident Energy (eV)

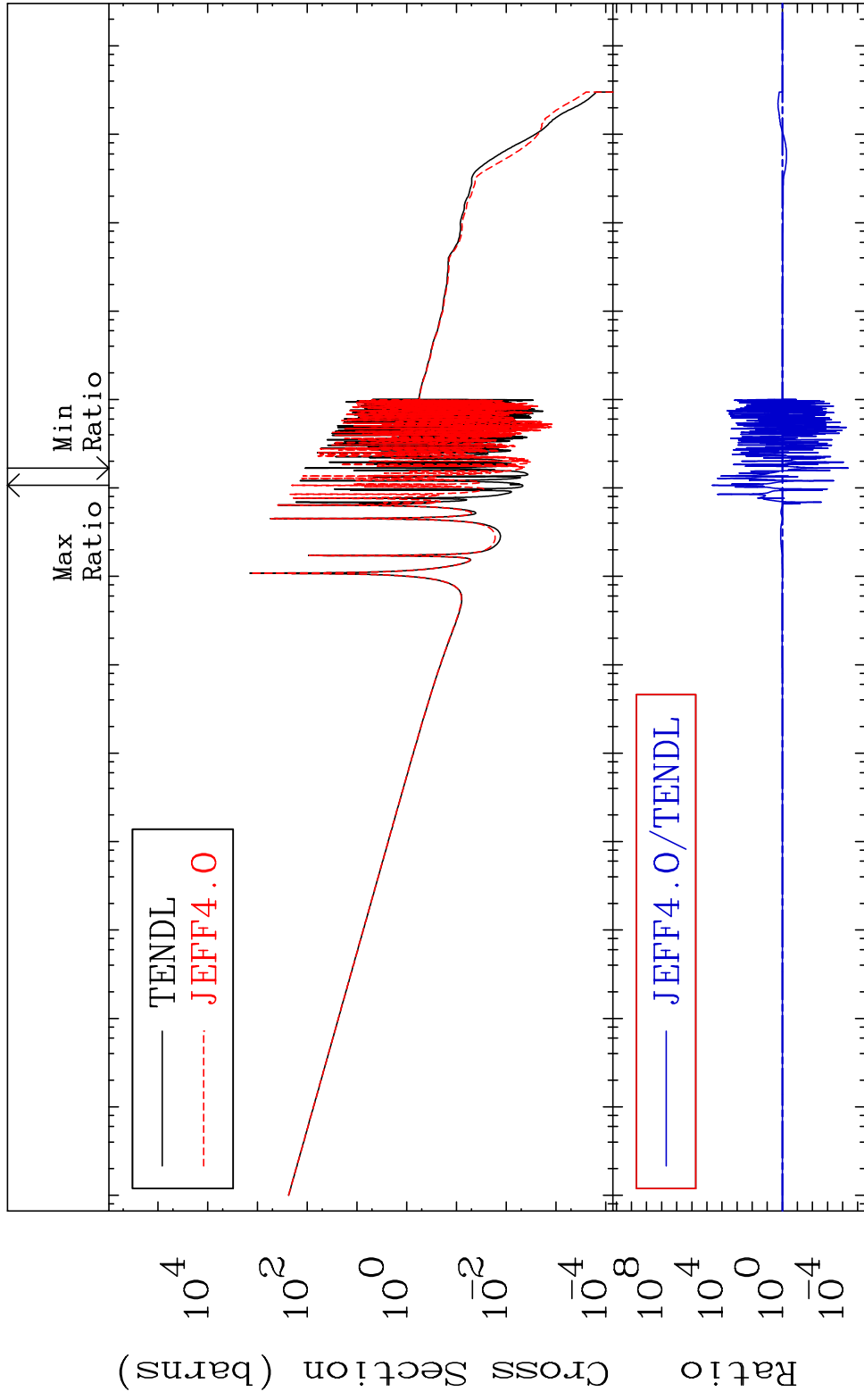
36-Kr-78

MAT 3625

(n, γ)

36-Kr-78

Cross Section -100.0 To 9999. %



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

48

Incident Energy (eV)

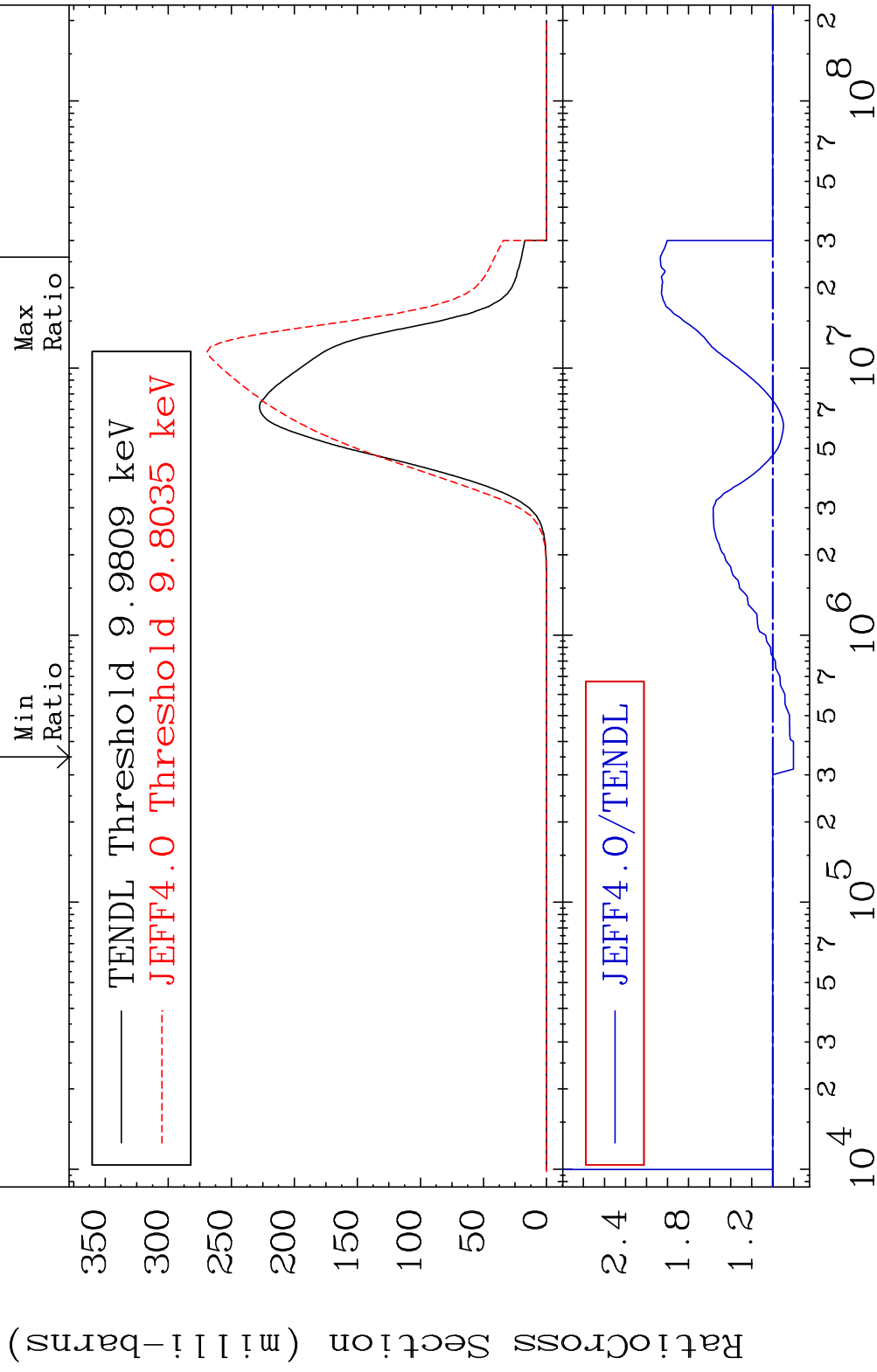
36-Kr-78

MAT 3625

(n, p)

36-Kr-78

Cross Section -19.64 To 106.9 %



49

Incident Energy (eV)

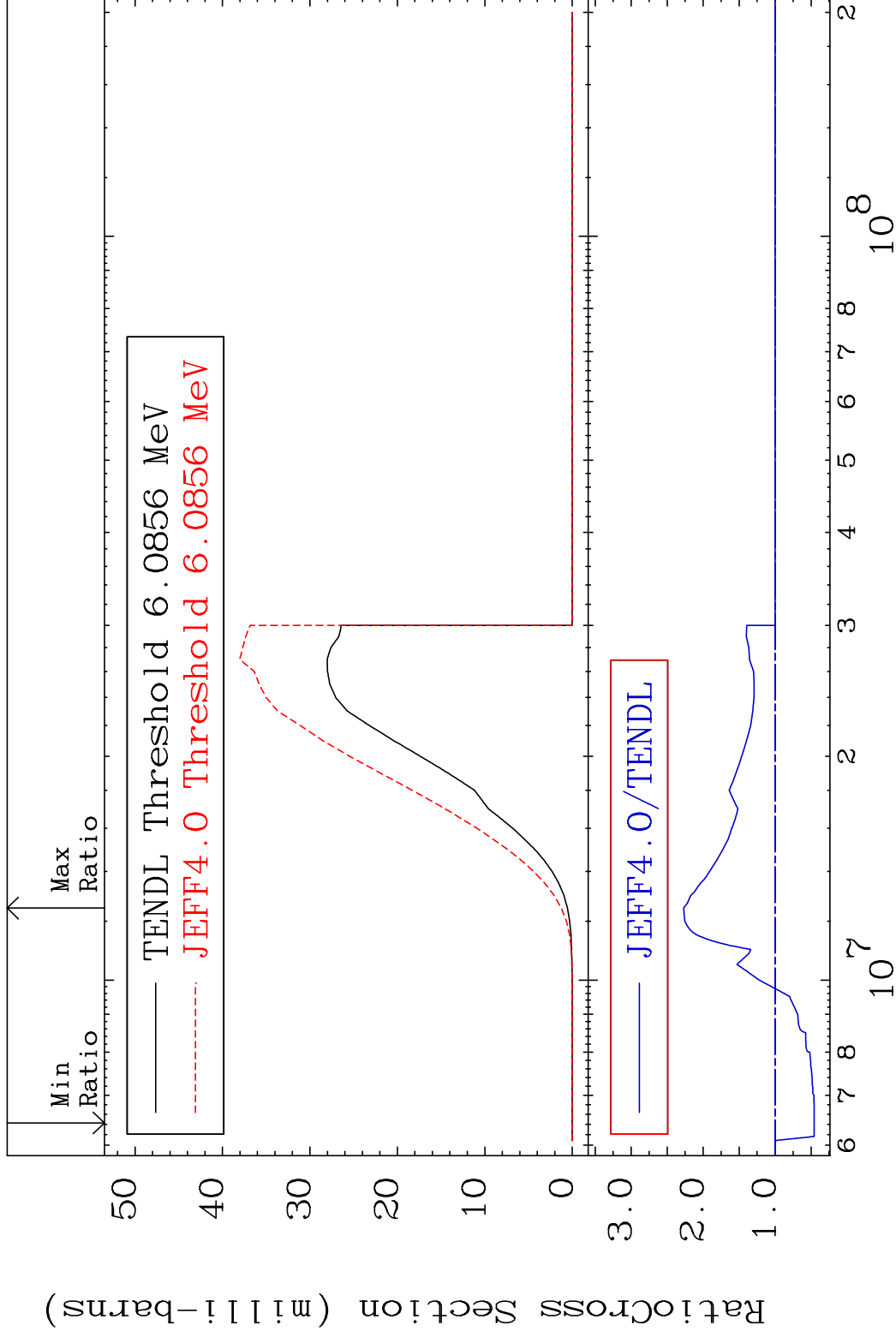
36-Kr-78

MAT 3625

(n, d)

36-Kr-78

Cross Section -54.20 To 127.1 %



50

Incident Energy (eV)

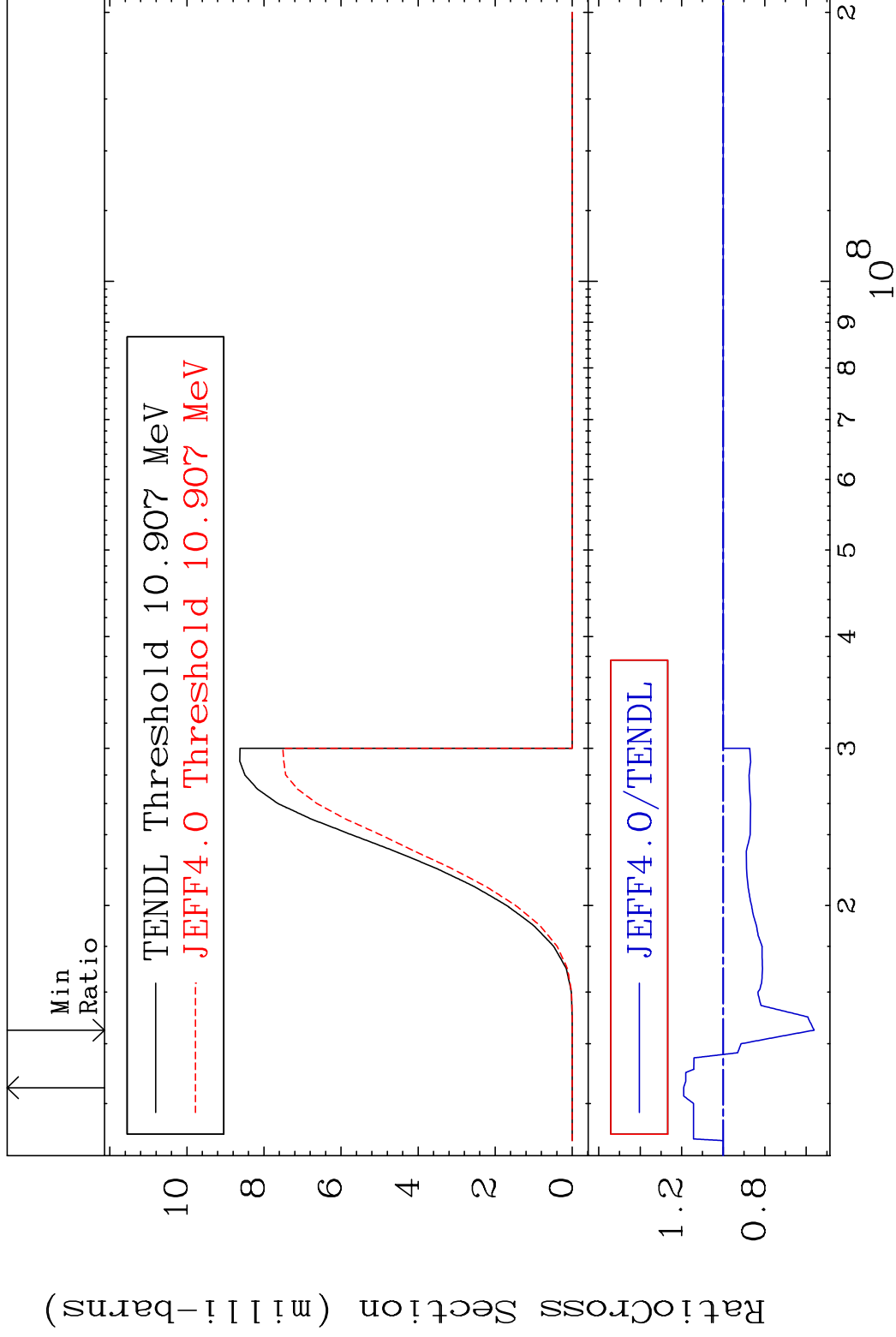
36-Kr-78

MAT 3625

(n, t)

36-Kr-78

Cross Section -43.83 To 19.08 %



51

Incident Energy (eV)

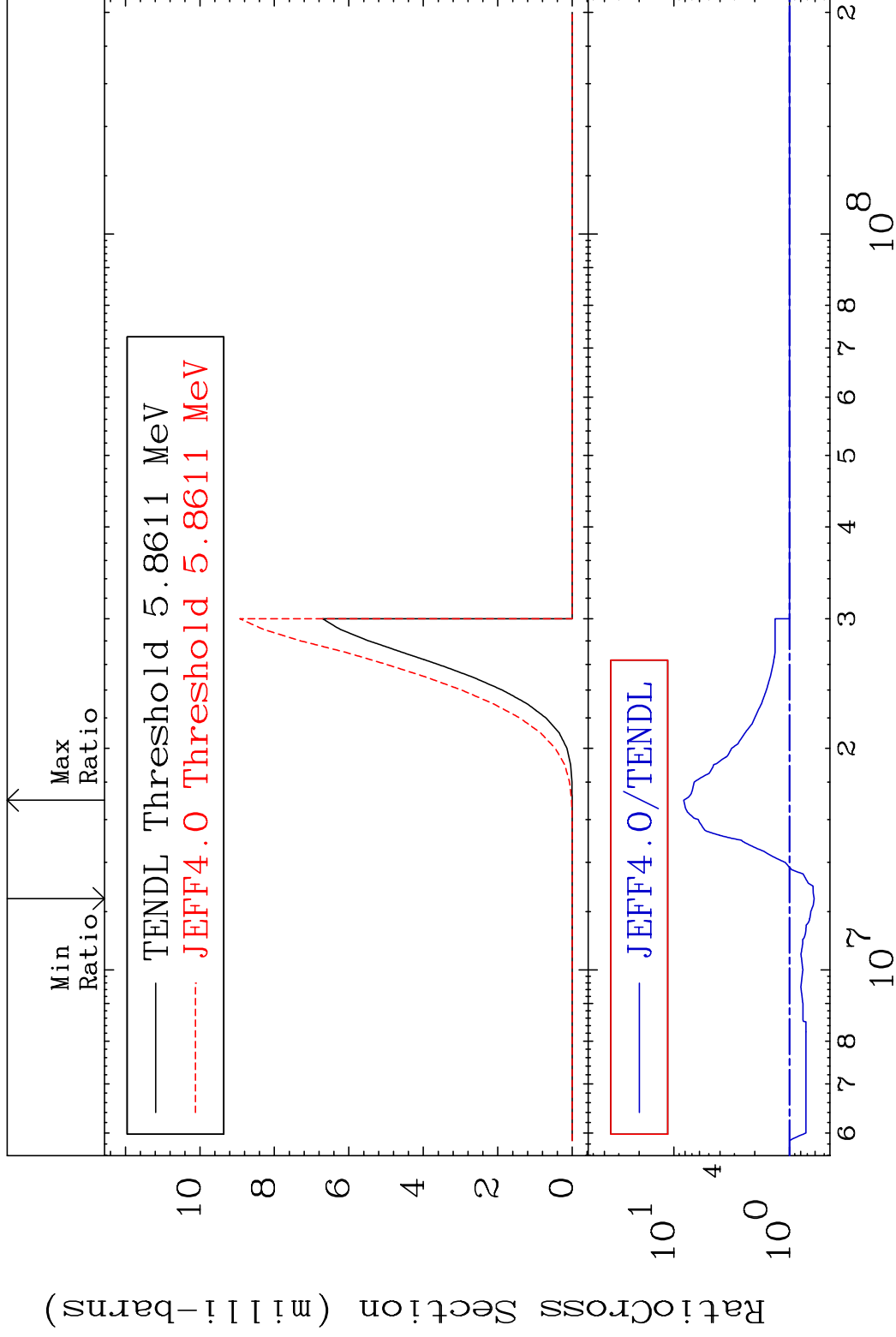
36-Kr-78

MAT 3625

(n, He-3)

36-Kr-78

Cross Section -38.79 To 723.8 %



52

Incident Energy (eV)

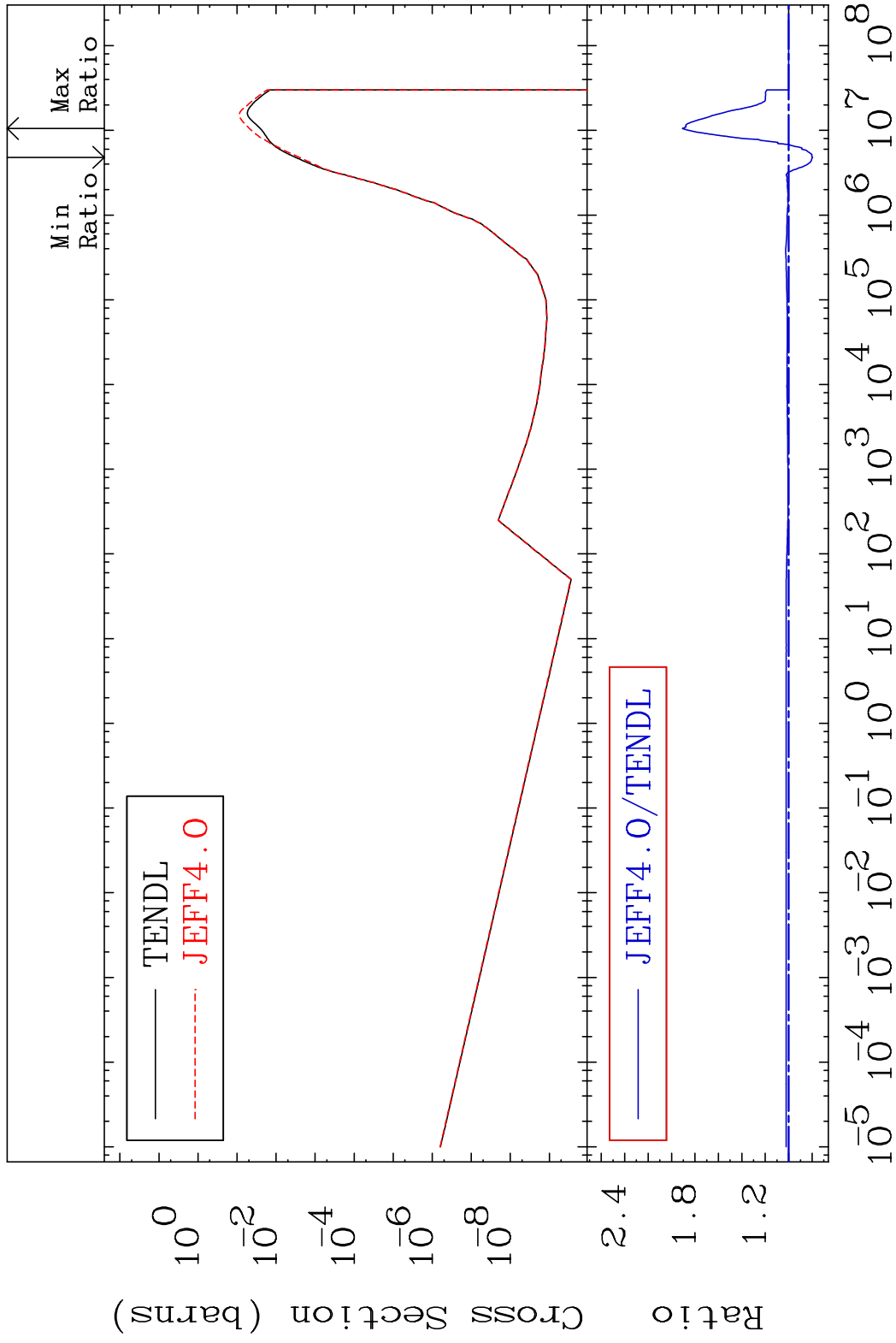
36-Kr-78

MAT 3625

(n, α)

36-Kr-78

Cross Section -20.35 To 90.78 %



53

Incident Energy (eV)

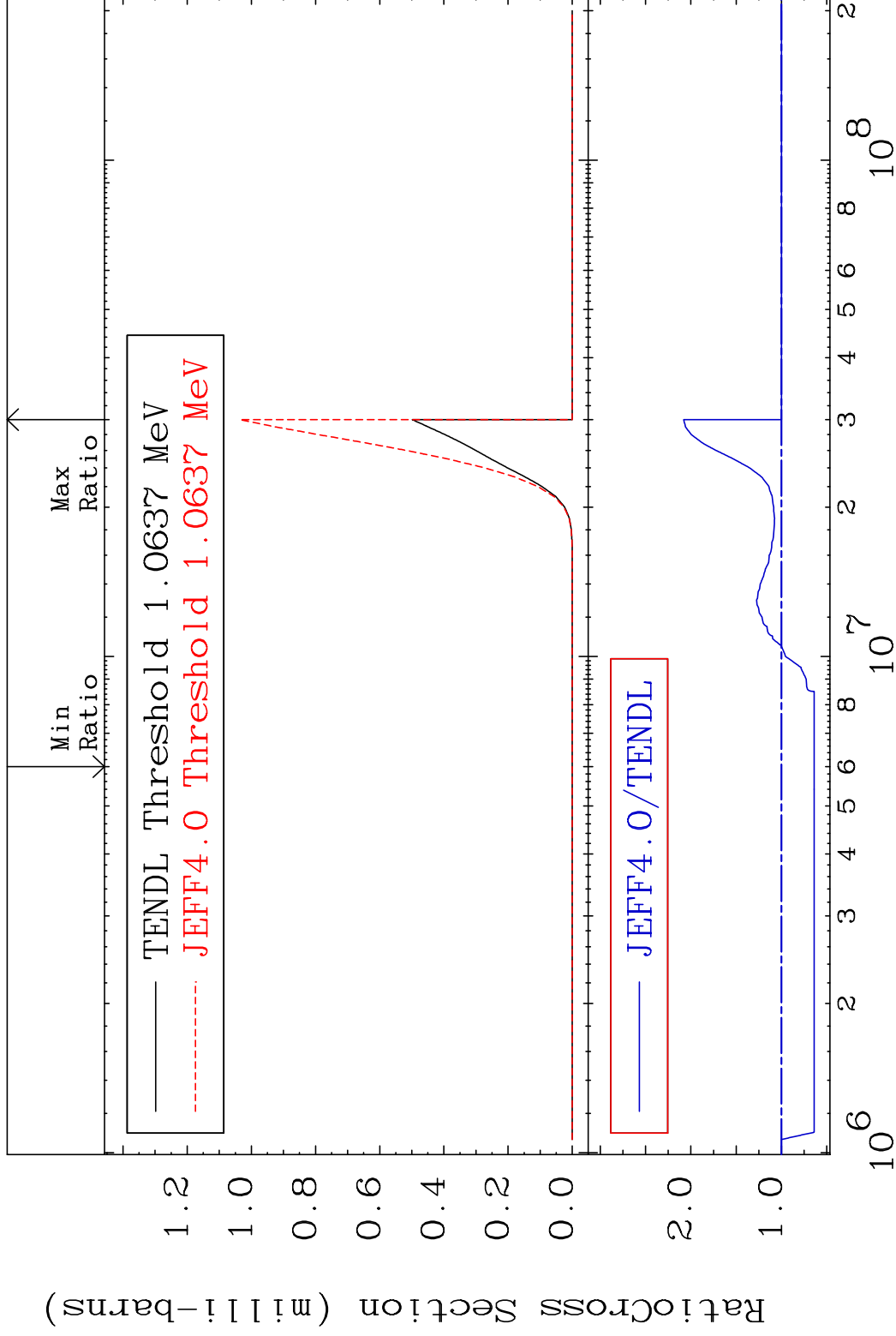
36-Kr-78

MAT 3625

(n,2α)

36-Kr-78

Cross Section -35.96 To 107.9 %



54

Incident Energy (eV)

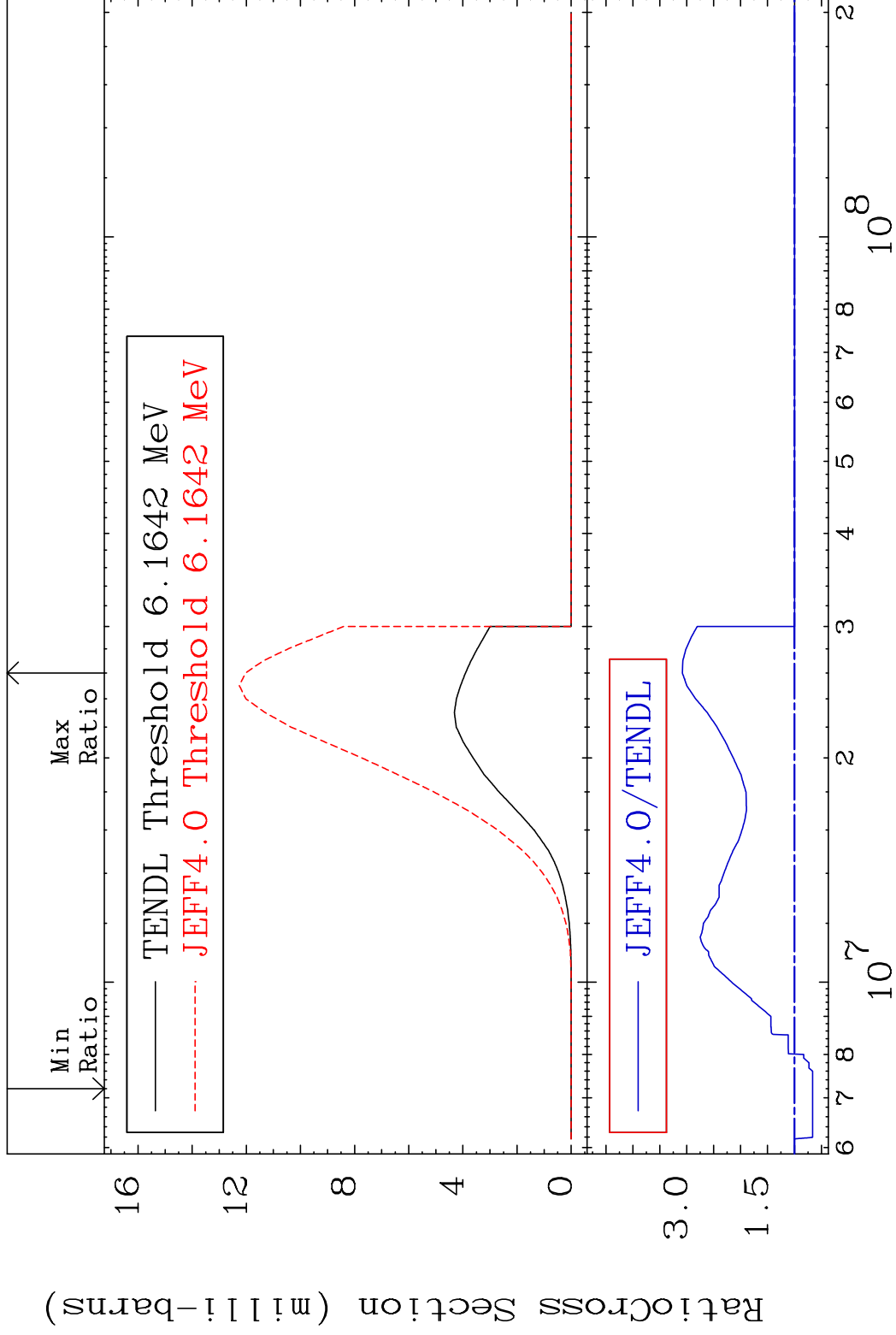
36-Kr-78

MAT 3625

(n,2p)

36-Kr-78

Cross Section -33.56 To 208.1 %

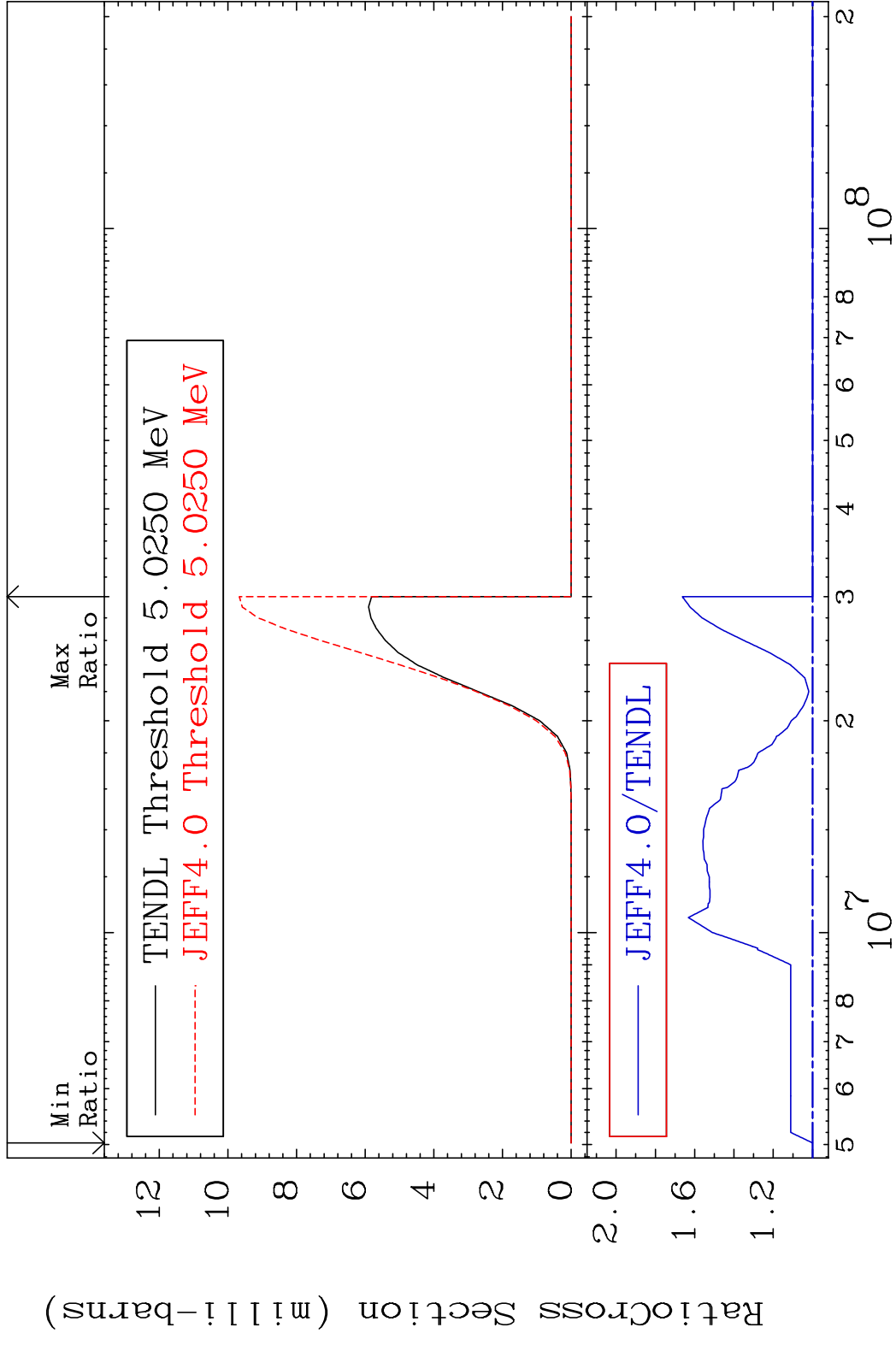


55

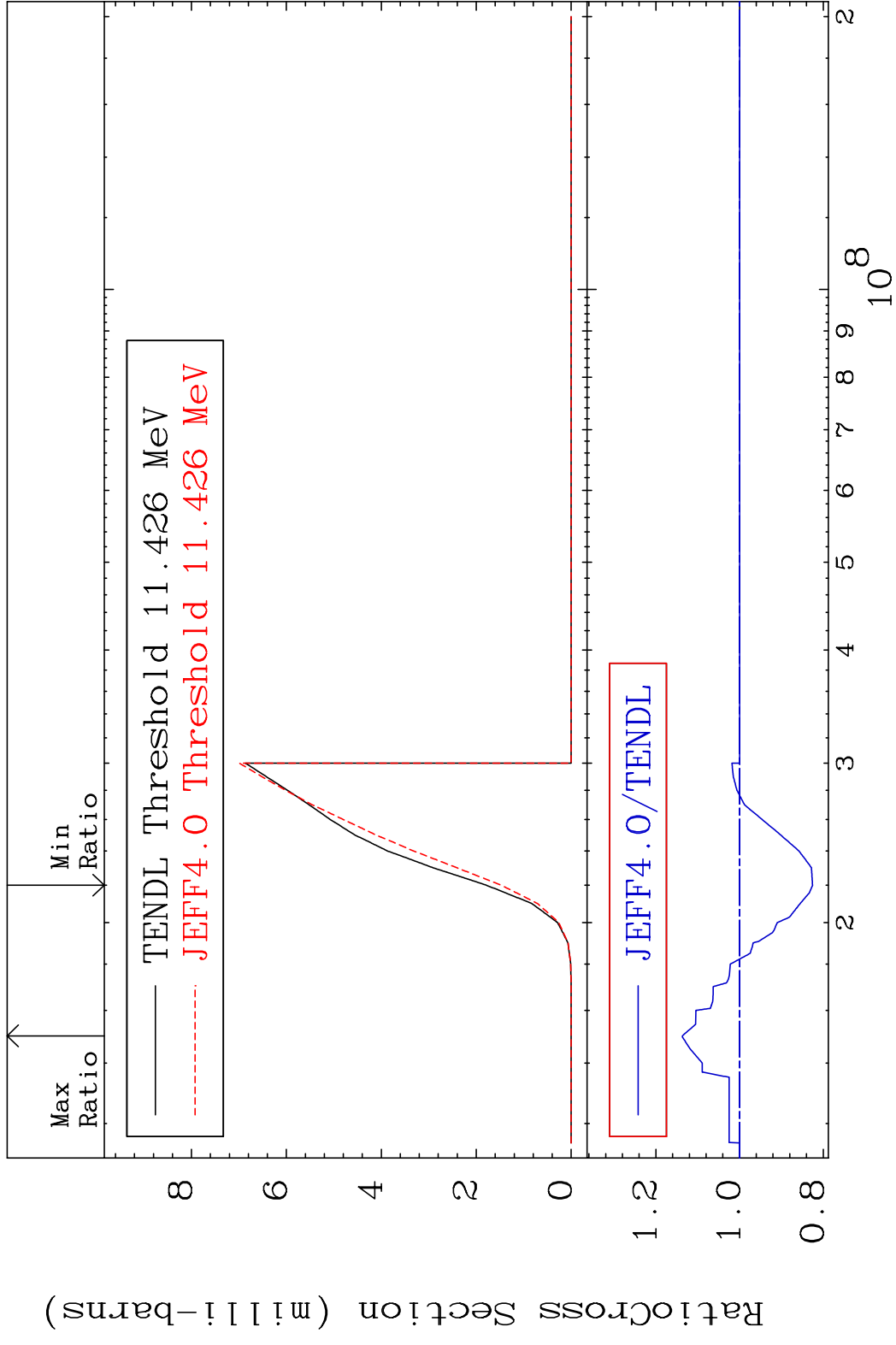
Incident Energy (eV)

36-Kr-78

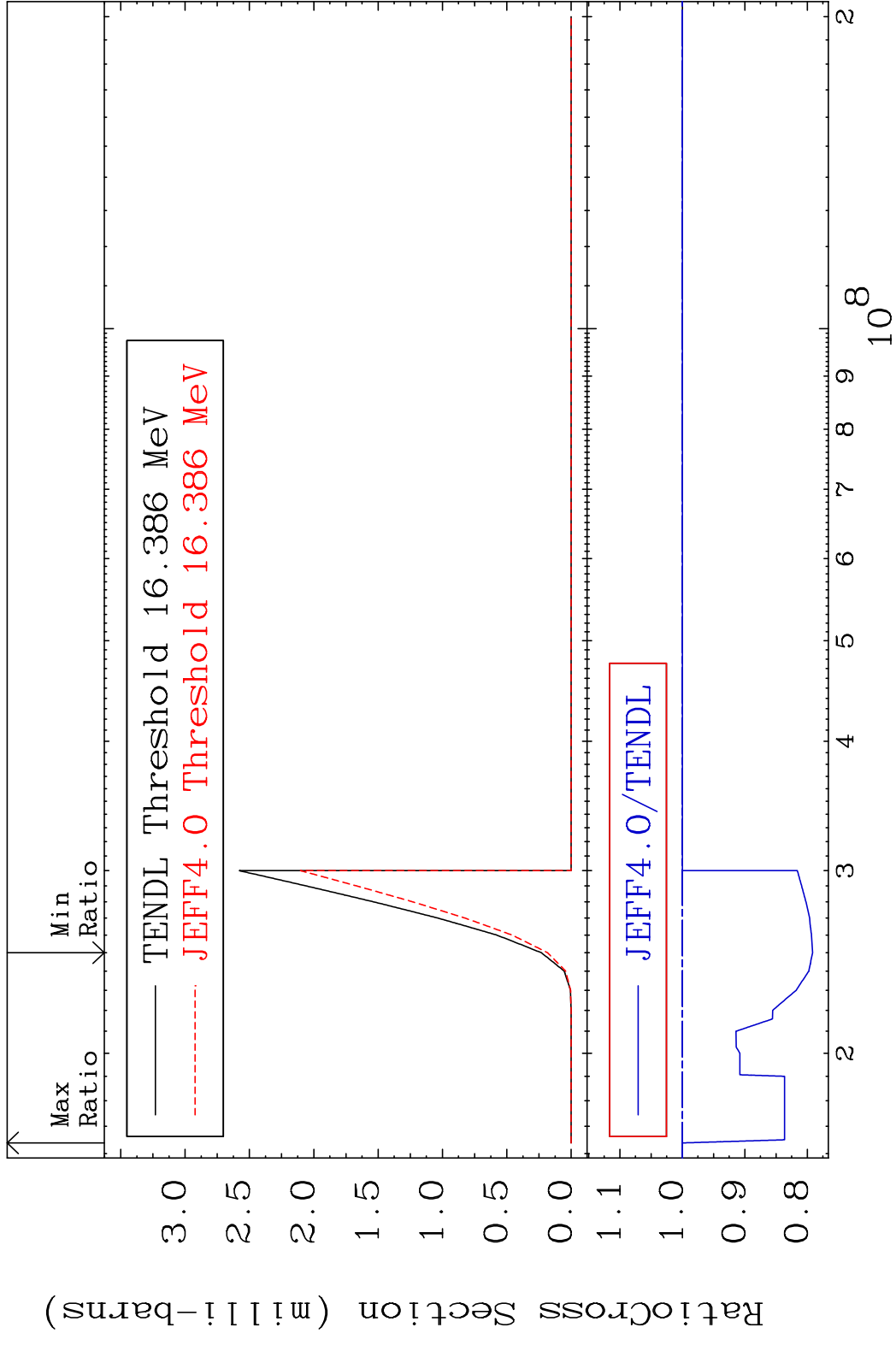
MAT 3625 (n, p) α 36-Kr-78
 Cross Section 0.000 To 66.27 %



MAT 3625 (n,p) d 36-Kr-78
 Cross Section -17.45 To 13.67 %



MAT 3625 (n,p) t 36-Kr-78
 Cross Section -20.83 To 0.000 %

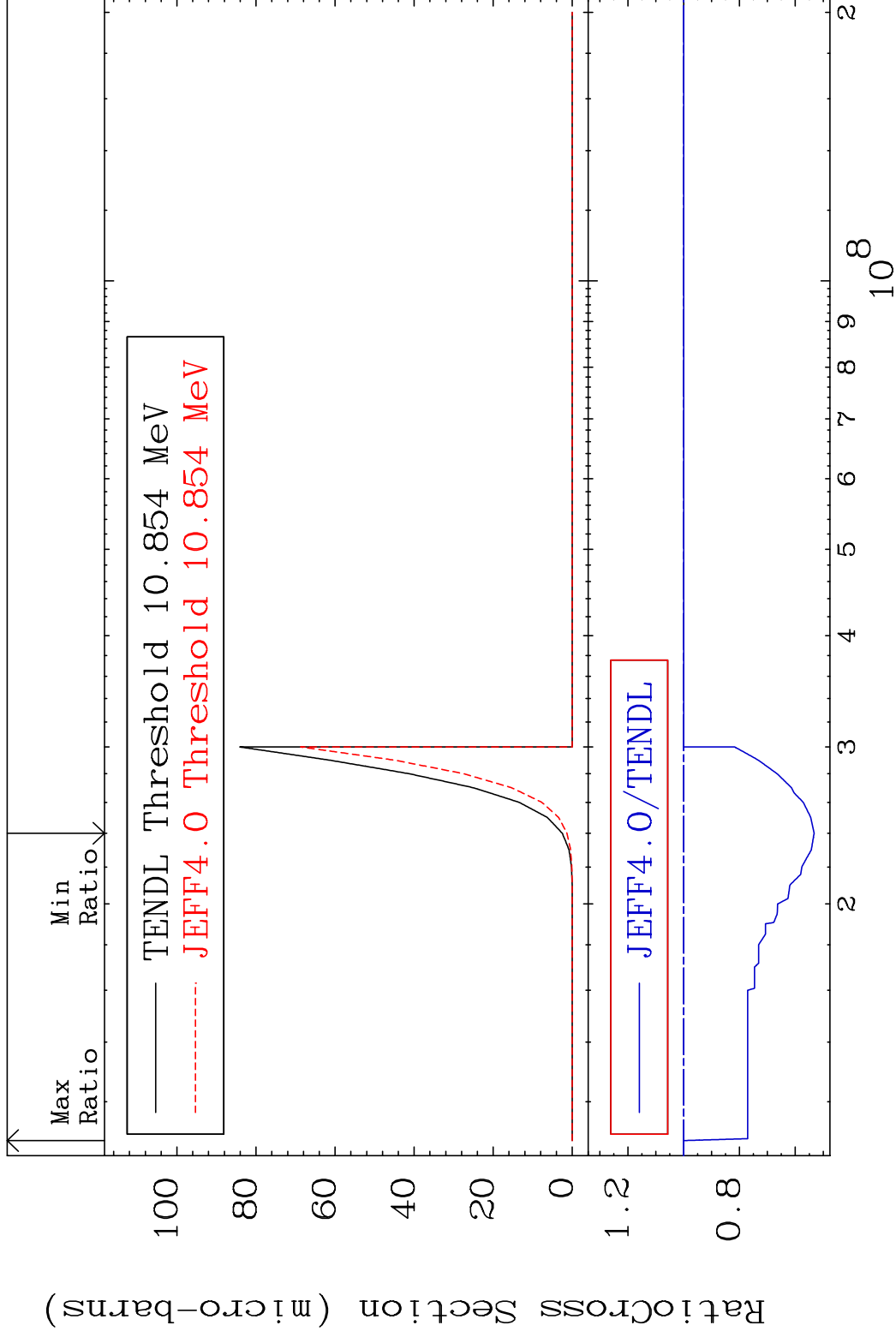


MAT 3625

(n,d) α

36-Kr-78

Cross Section -46.74 To 0.000 %



59

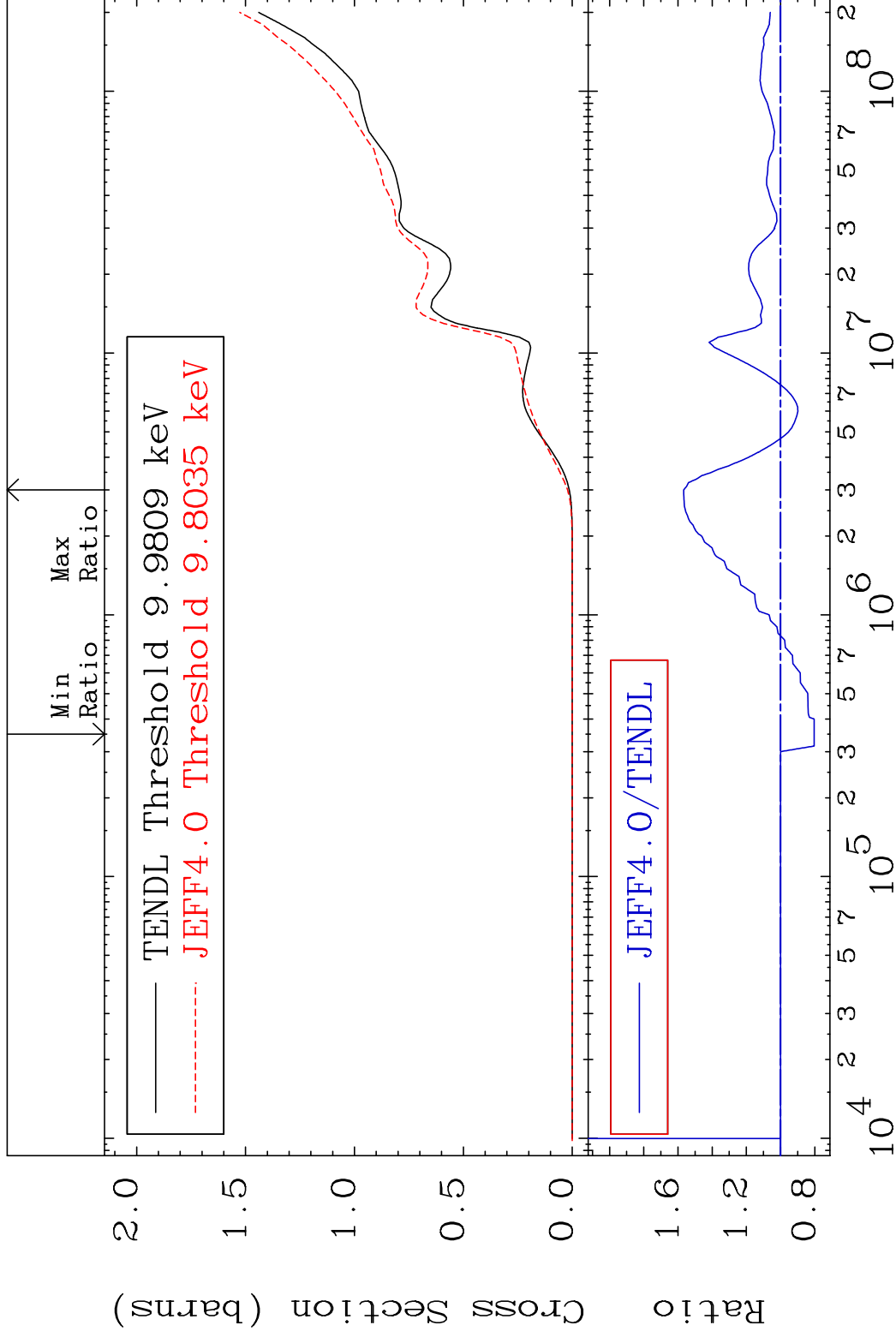
Incident Energy (eV)

36-Kr-78

MAT 3625

Hydrogen Production
Cross Section -19.64 To 56.67 %

36-Kr-78

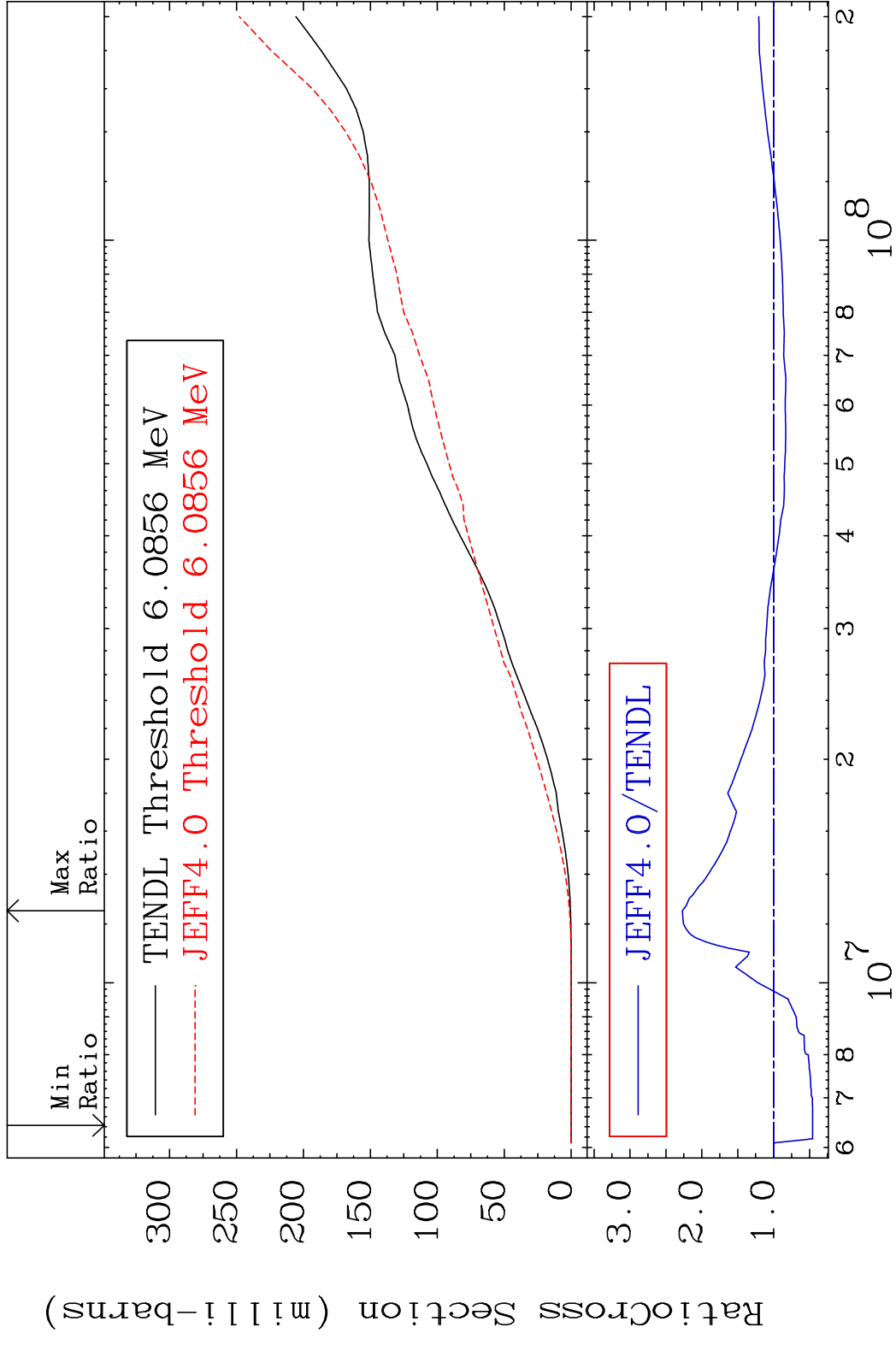


60

Incident Energy (eV)

36-Kr-78

MAT 3625 Deuterium Production 36-Kr-78
 Cross Section -54.20 To 127.1 %

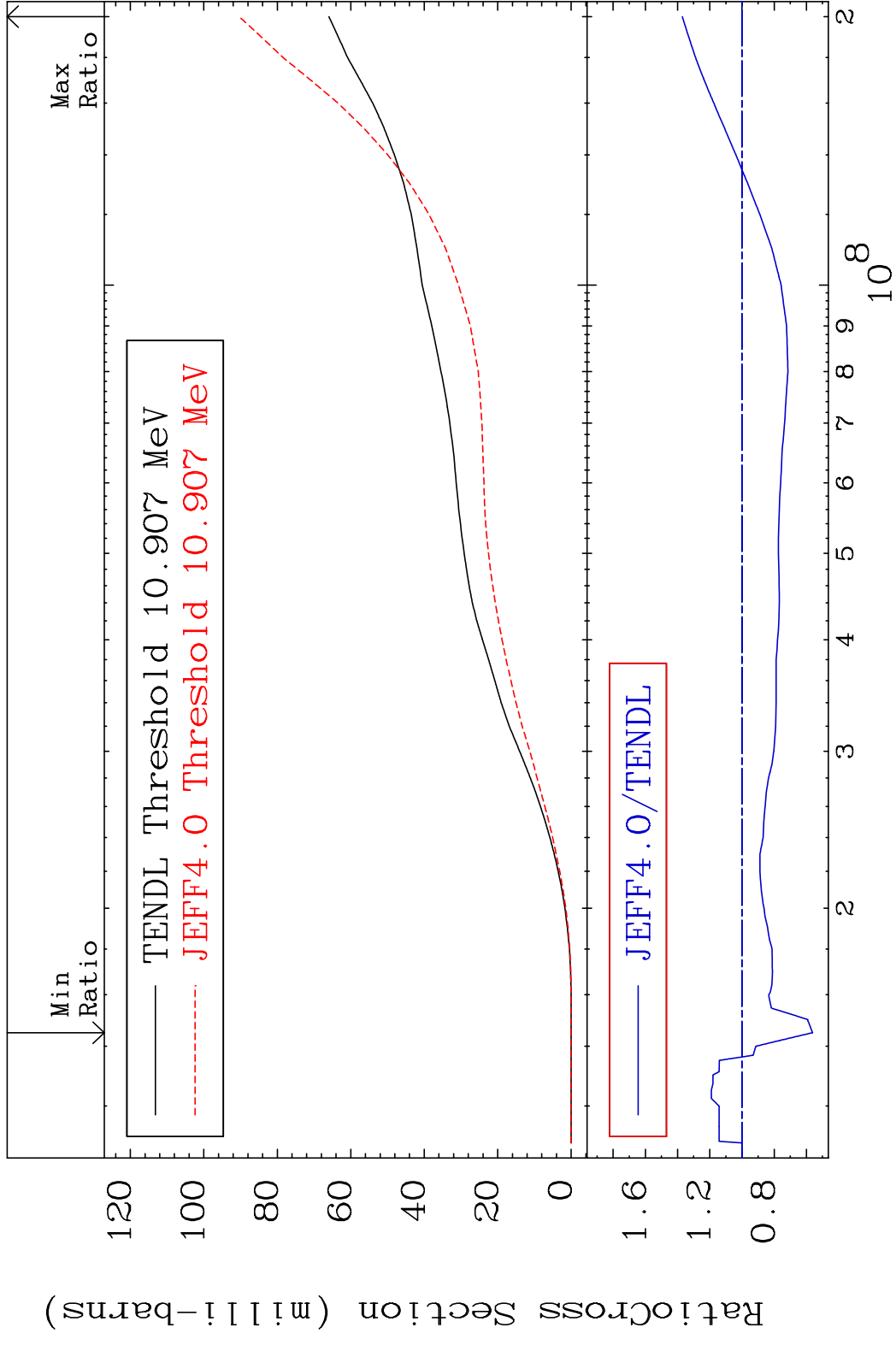


61 Incident Energy (eV) 36-Kr-78

MAT 3625

Tritium Production
Cross Section -43.83 To 37.03 %

36-Kr-78

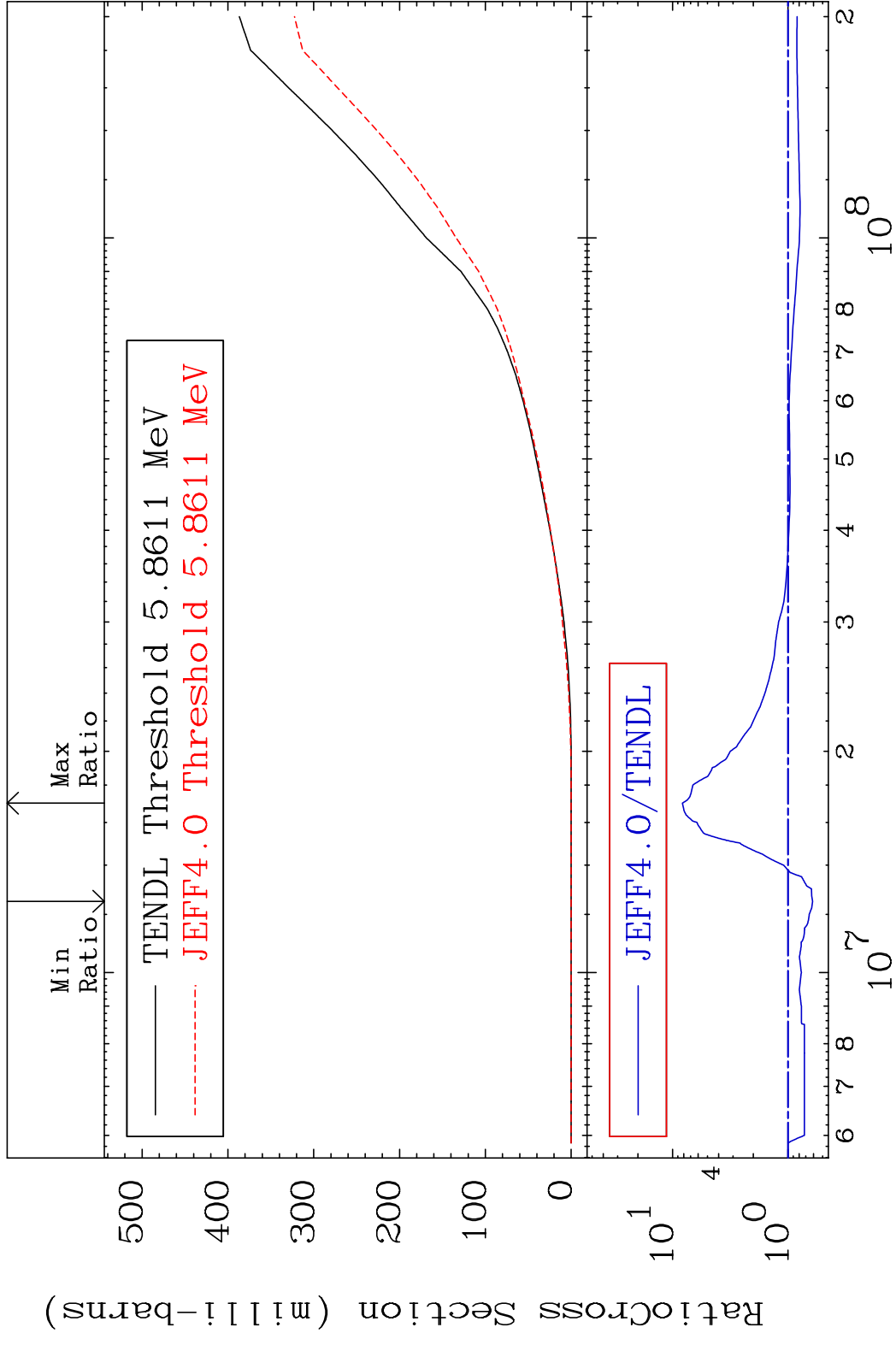


MAT 3625

He-3 Production

36-Kr-78

Cross Section -38.79 To 723.8 %



63

Incident Energy (eV)

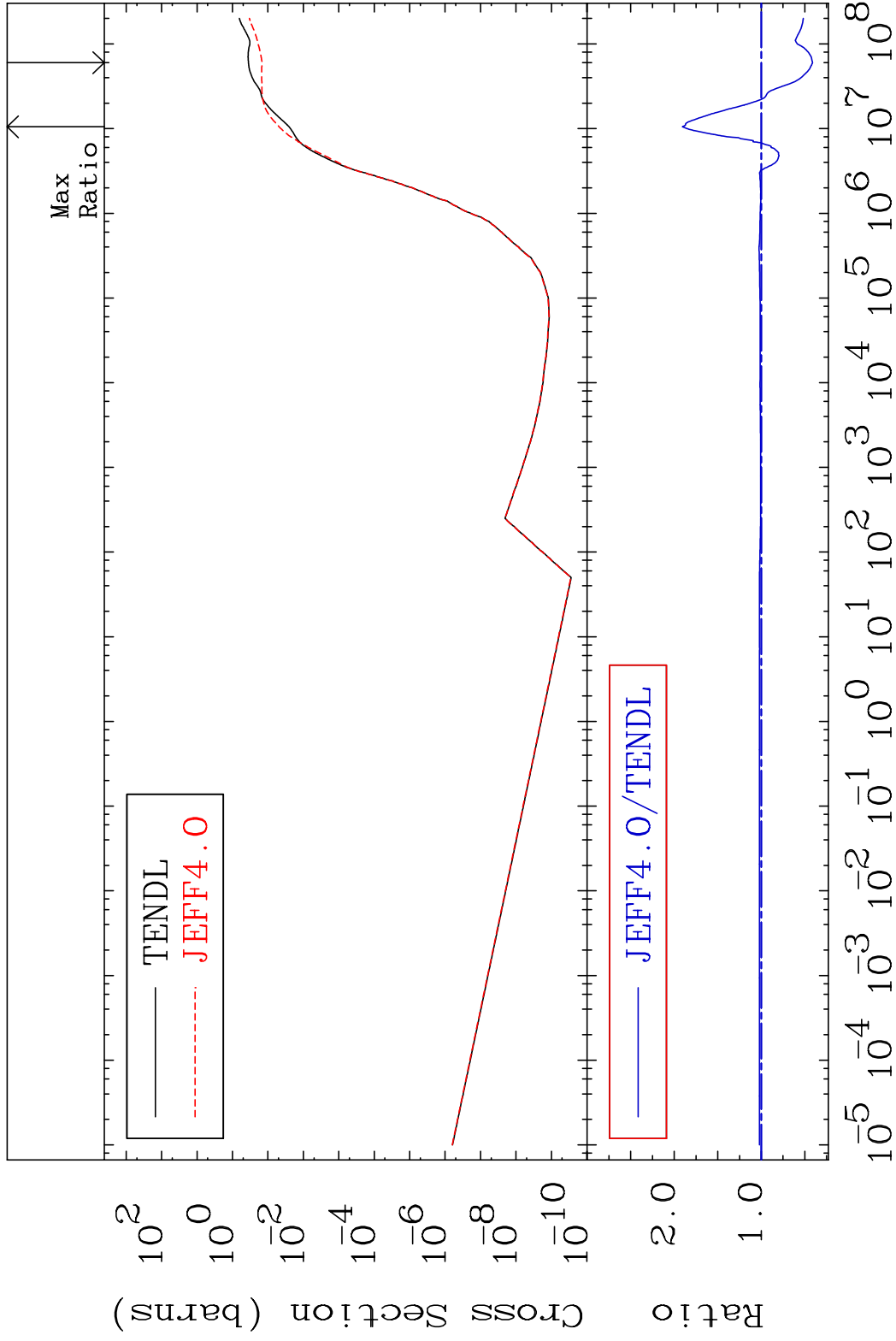
36-Kr-78

MAT 3625

He-4 Production

36-Kr-78

Cross Section -58.87 To 90.66 %

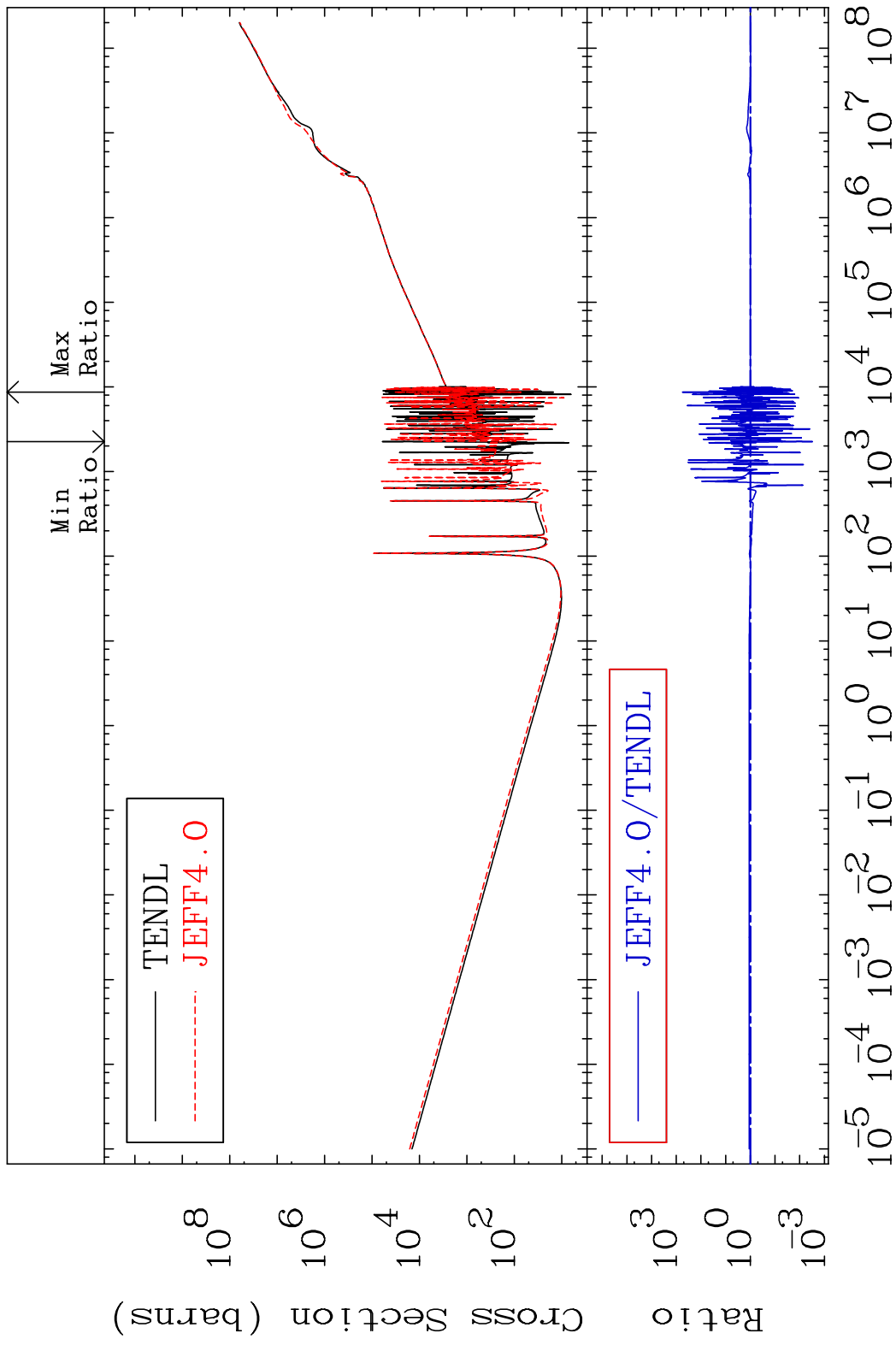


64

Incident Energy (eV)

36-Kr-78

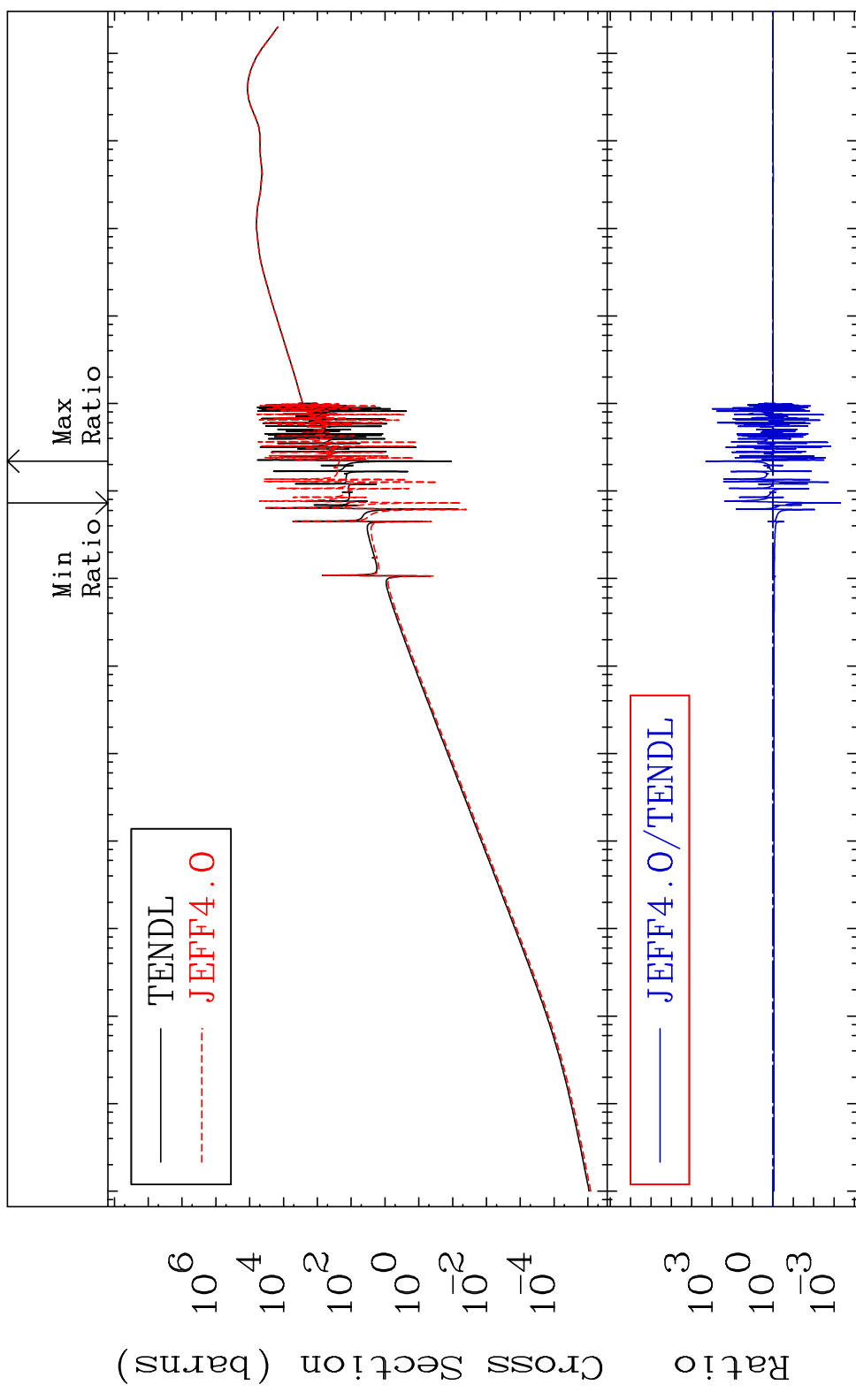
MAT 3625 Kerma total (eV-barns) 36-Kr-78
 Cross Section -99.70 To 9999. %



65 Incident Energy (eV) 36-Kr-78

MAT 3625

Kerma elastic Cross Section -99.95 To 9999. %
36-Kr-78

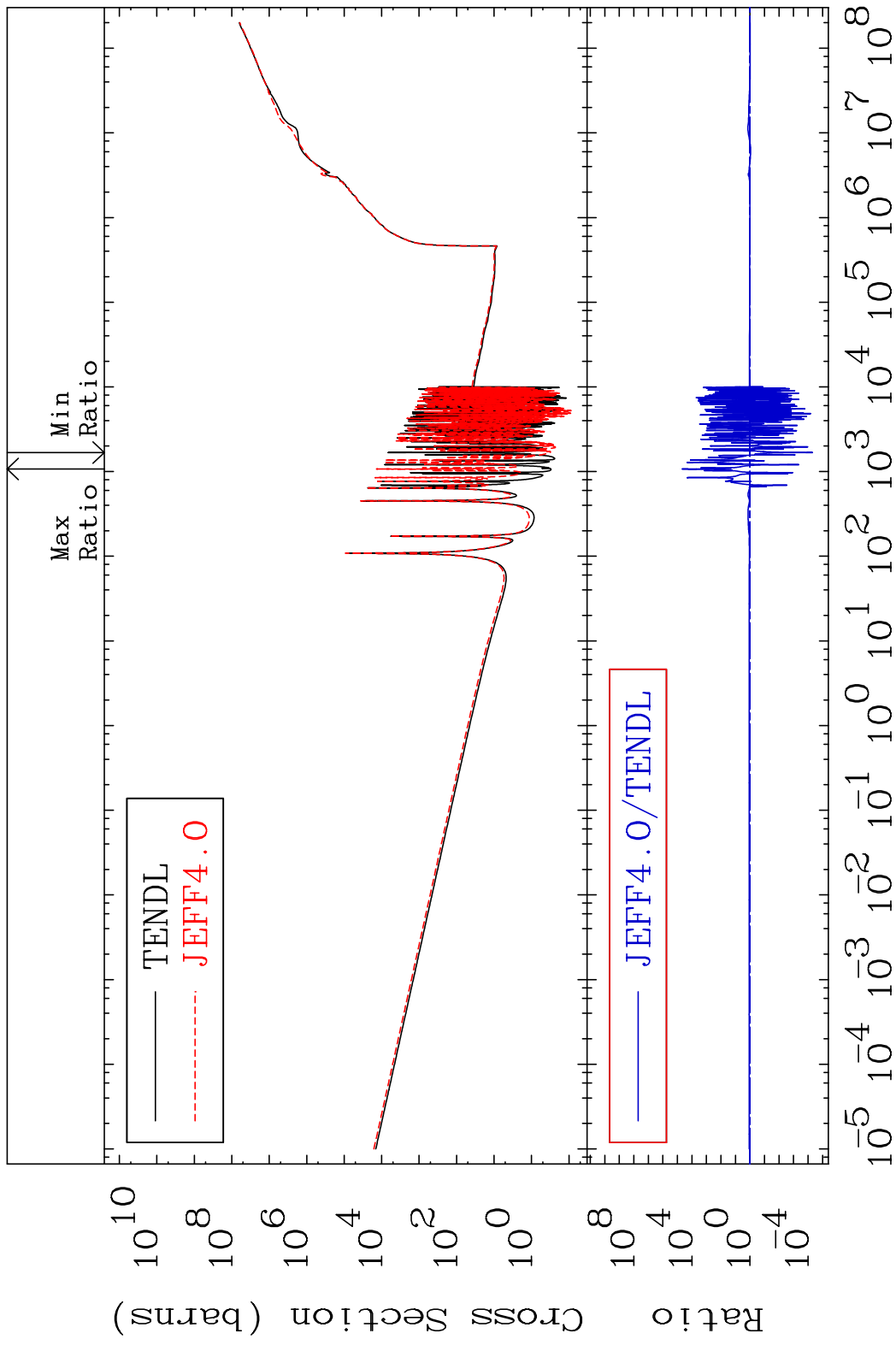


66

Incident Energy (eV)

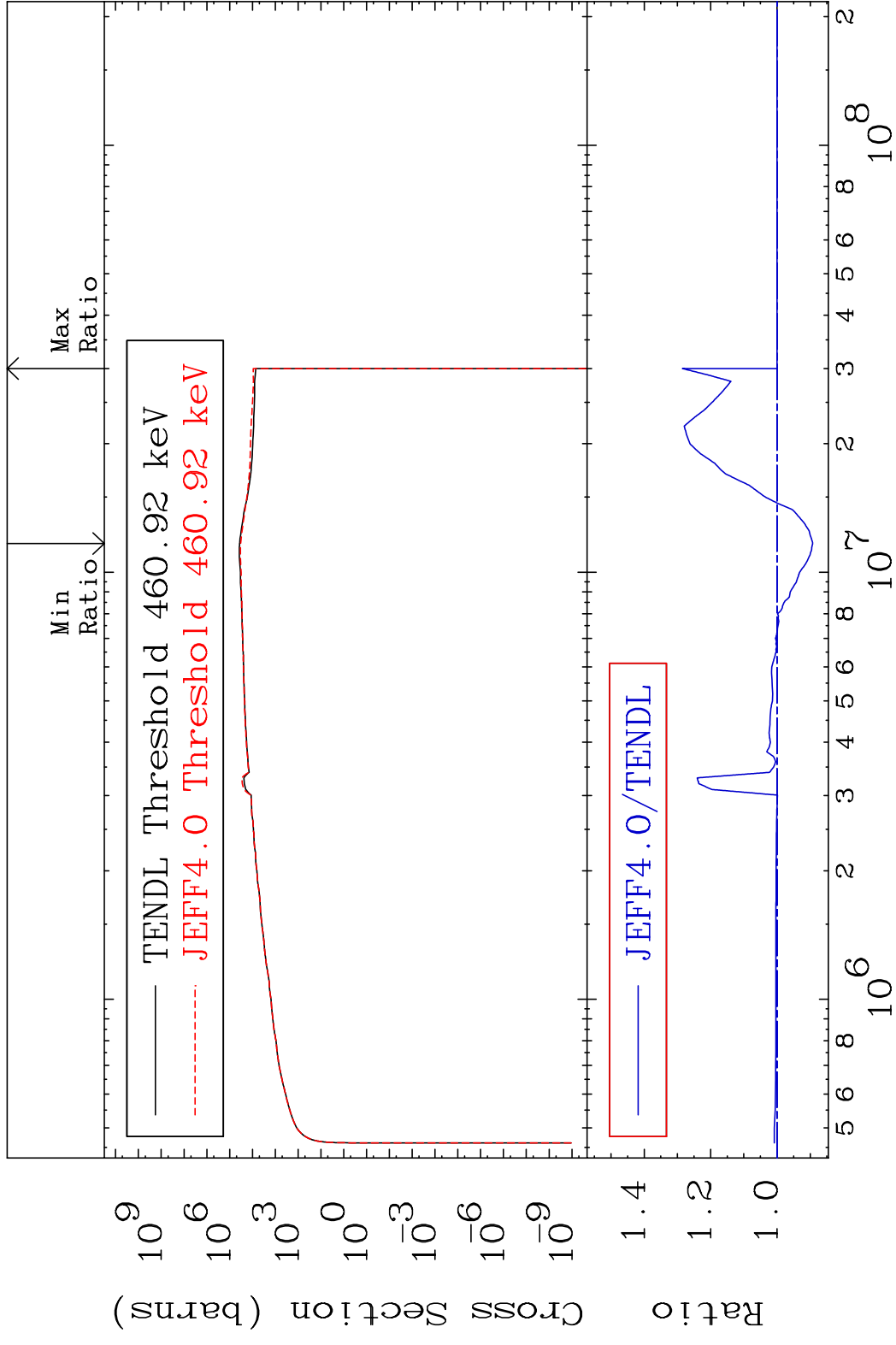
36-Kr-78

MAT 3625 Kerma non-elastic (all but mt2) 36-Kr-78
 Cross Section -100.0 To 9999. %

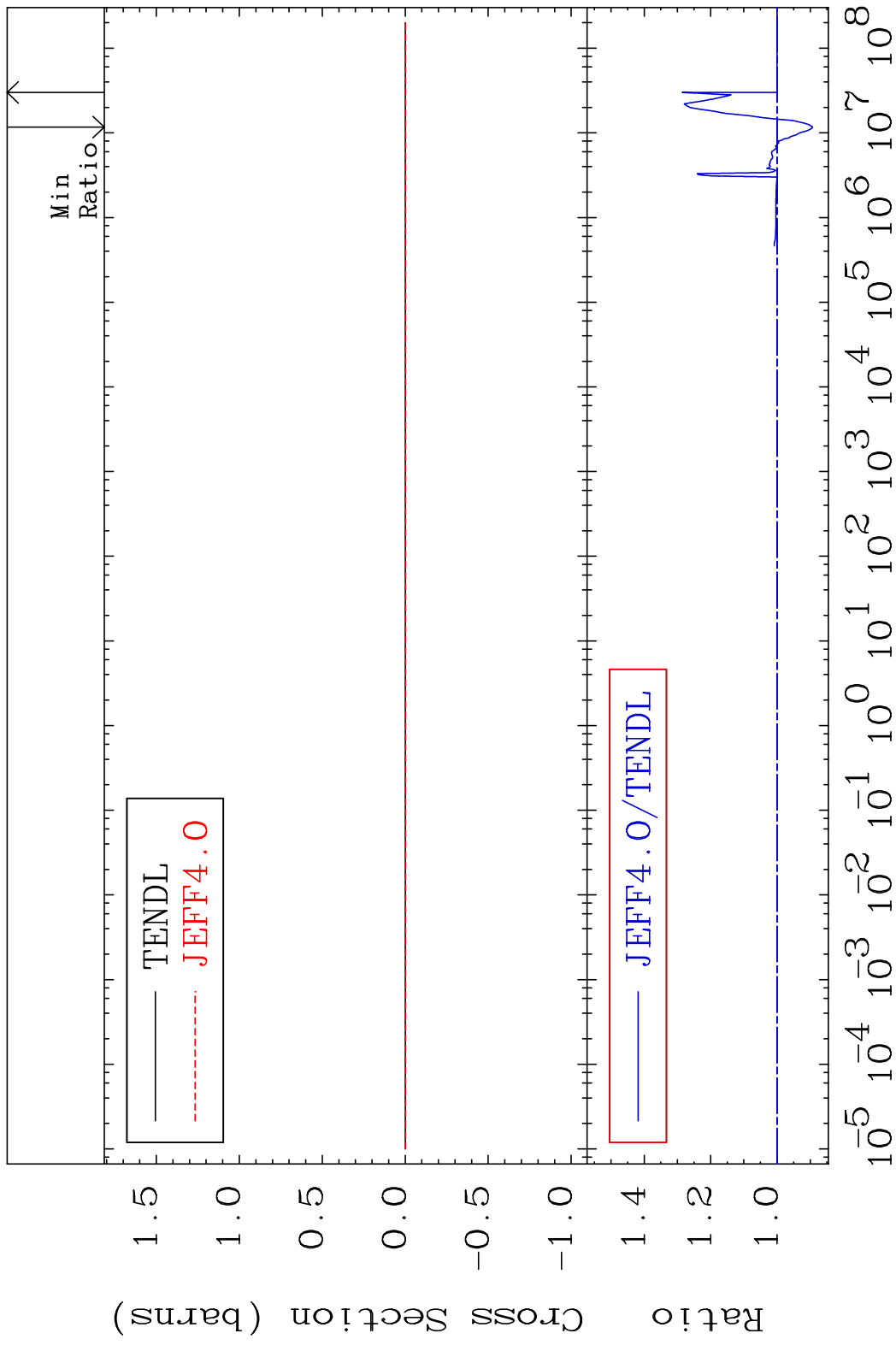


67 Incident Energy (eV) 36-Kr-78

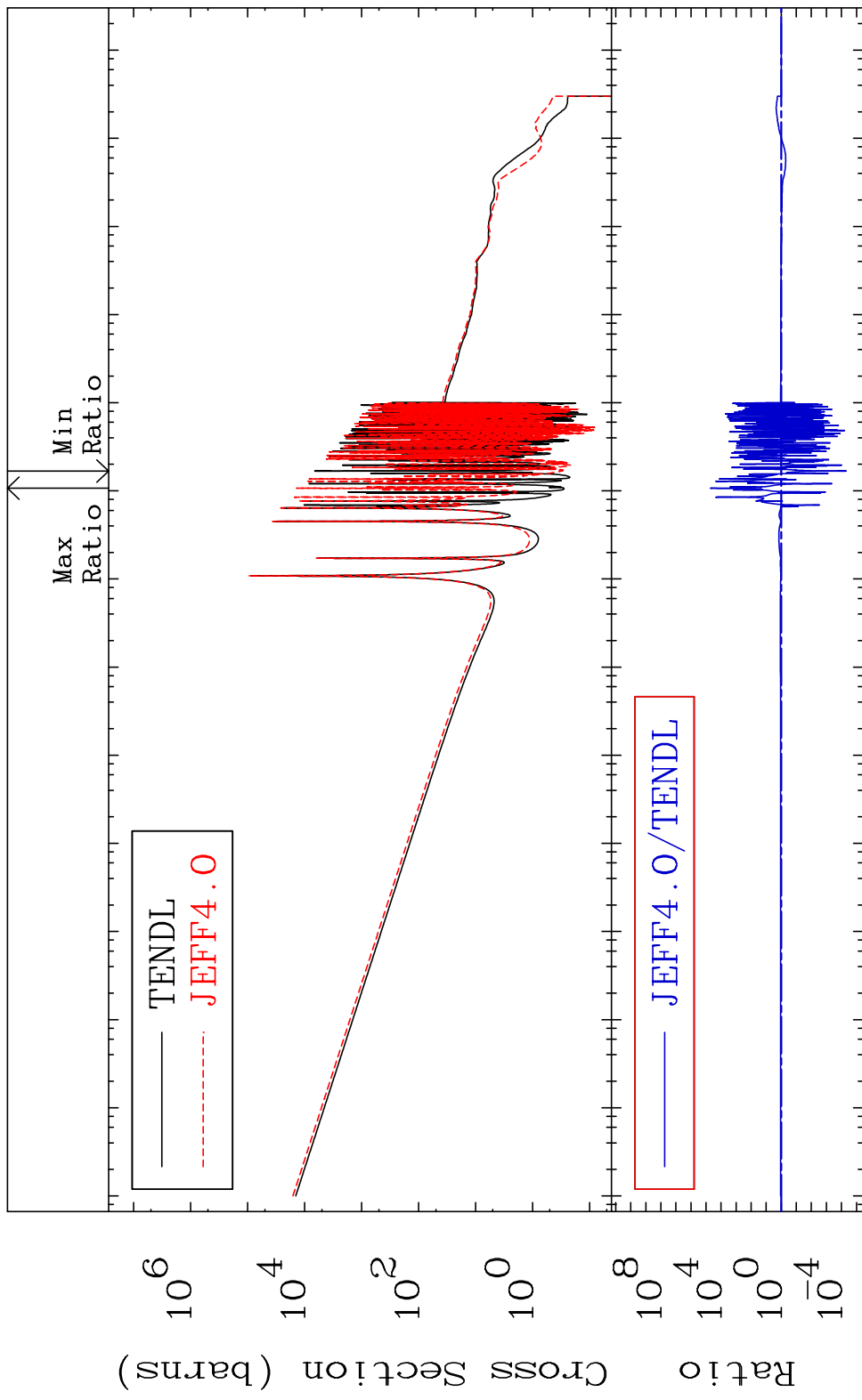
MAT 3625 Kerma inelastic (mt51-91) 36-Kr-78
 Cross Section -10.70 To 28.51 %



MAT 3625 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-78
 Cross Section -10.70 To 28.51 %

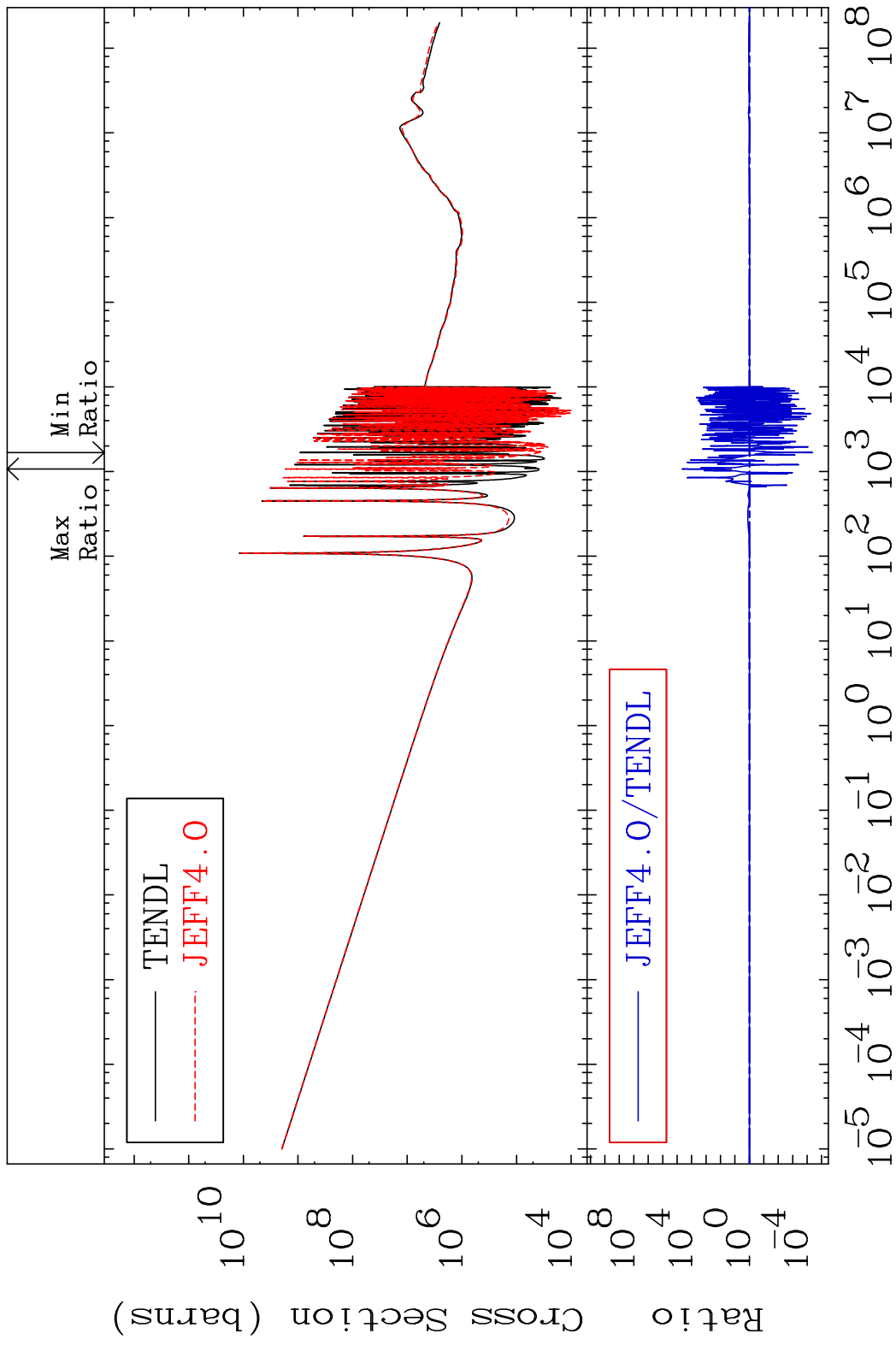


MAT 3625 Kerma capture (mt102) 36-Kr-78
 Cross Section -100.0 To 9999. %



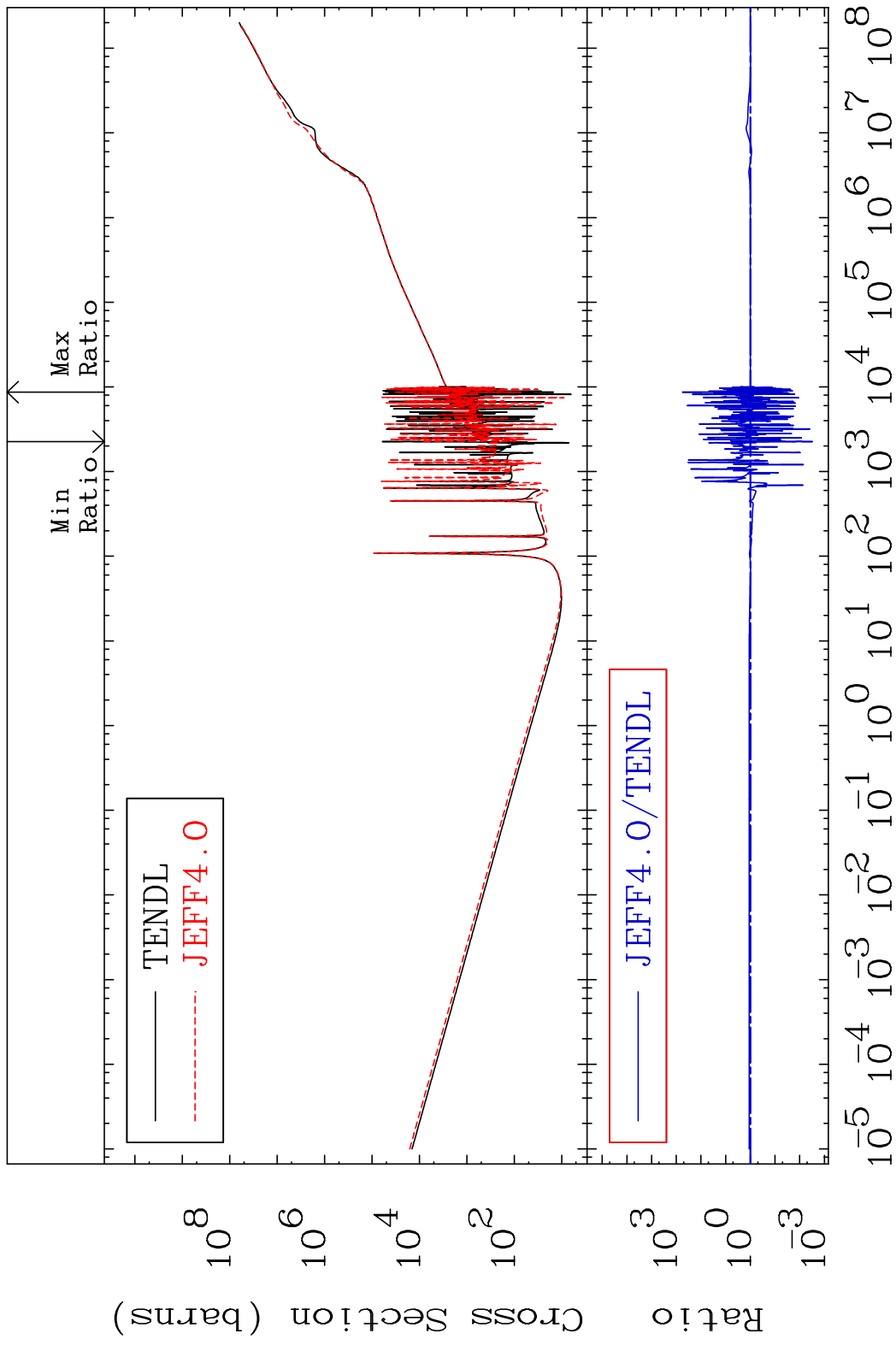
70 Incident Energy (eV) 36-Kr-78

MAT 3625 Total photon (eV-barns) 36-Kr-78
Cross Section -100.0 To 9999. %

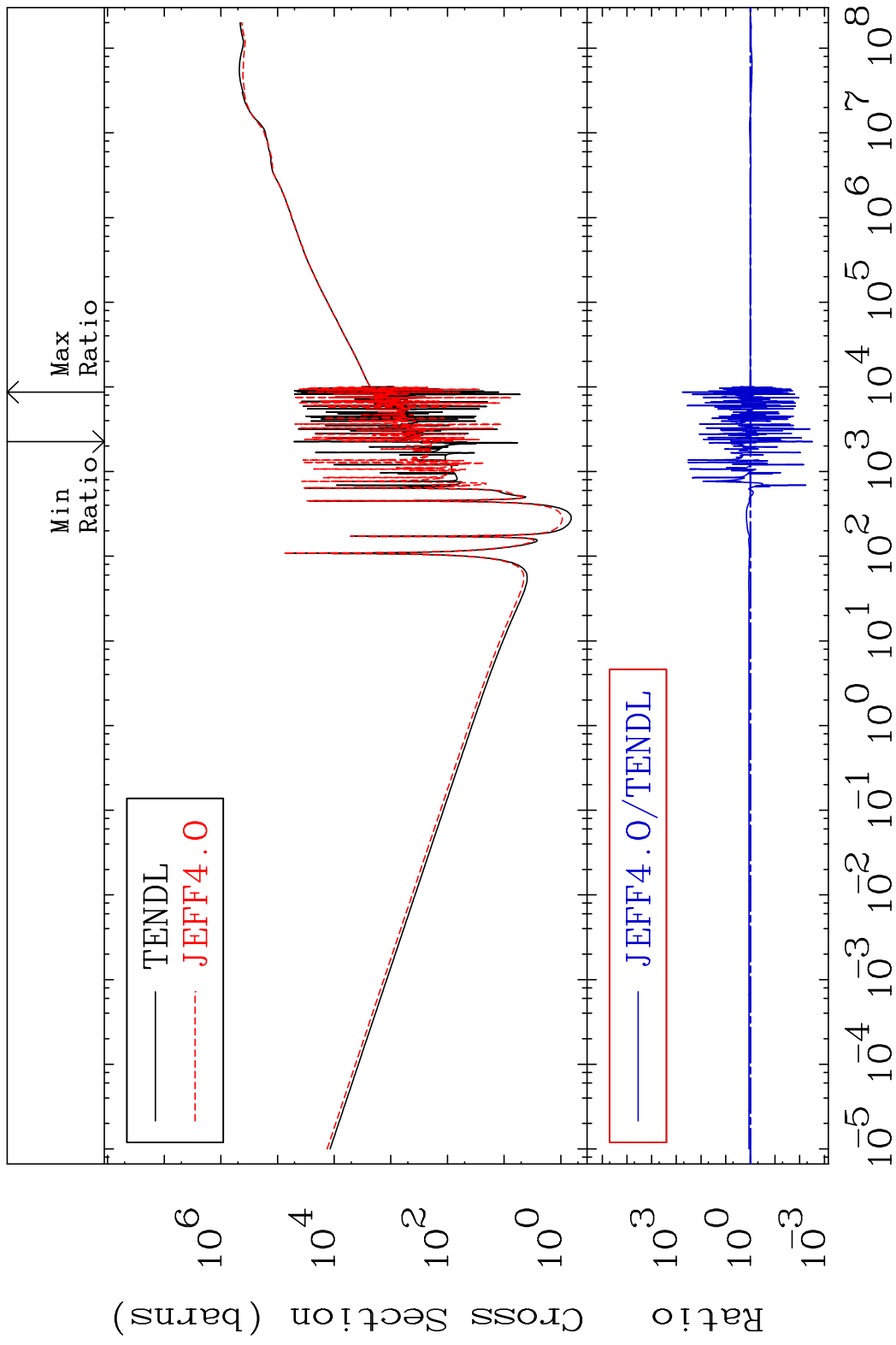


71 Incident Energy (eV) 36-Kr-78

MAT 3625 Total kinematic kerma (high limit) 36-Kr-78
 Cross Section -99.70 To 9999. %



MAT 3625 Dpa total (eV-barns) 36-Kr-78
 Cross Section -99.70 To 9999. %



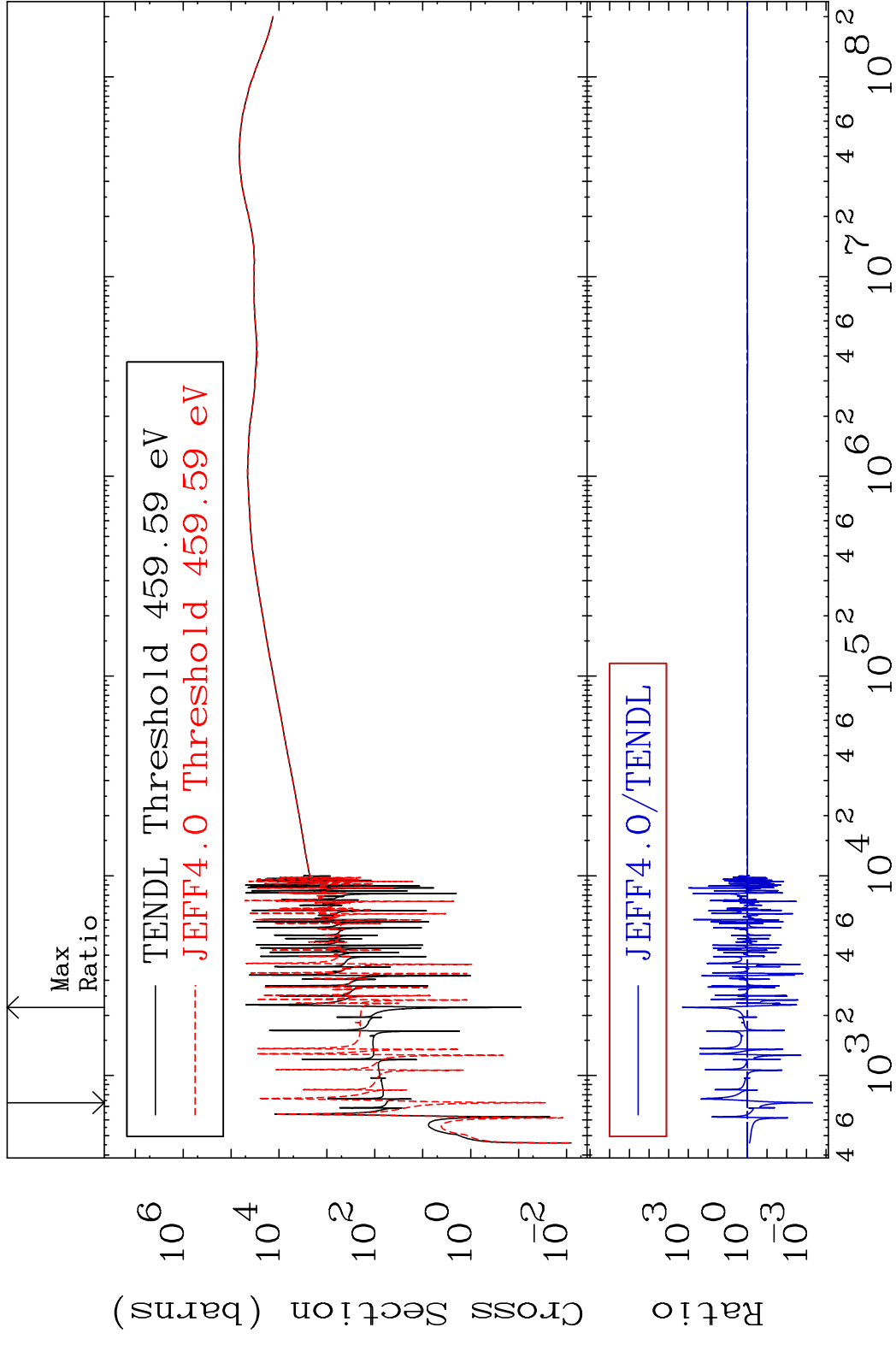
73 Incident Energy (eV) 36-Kr-78

MAT 3625

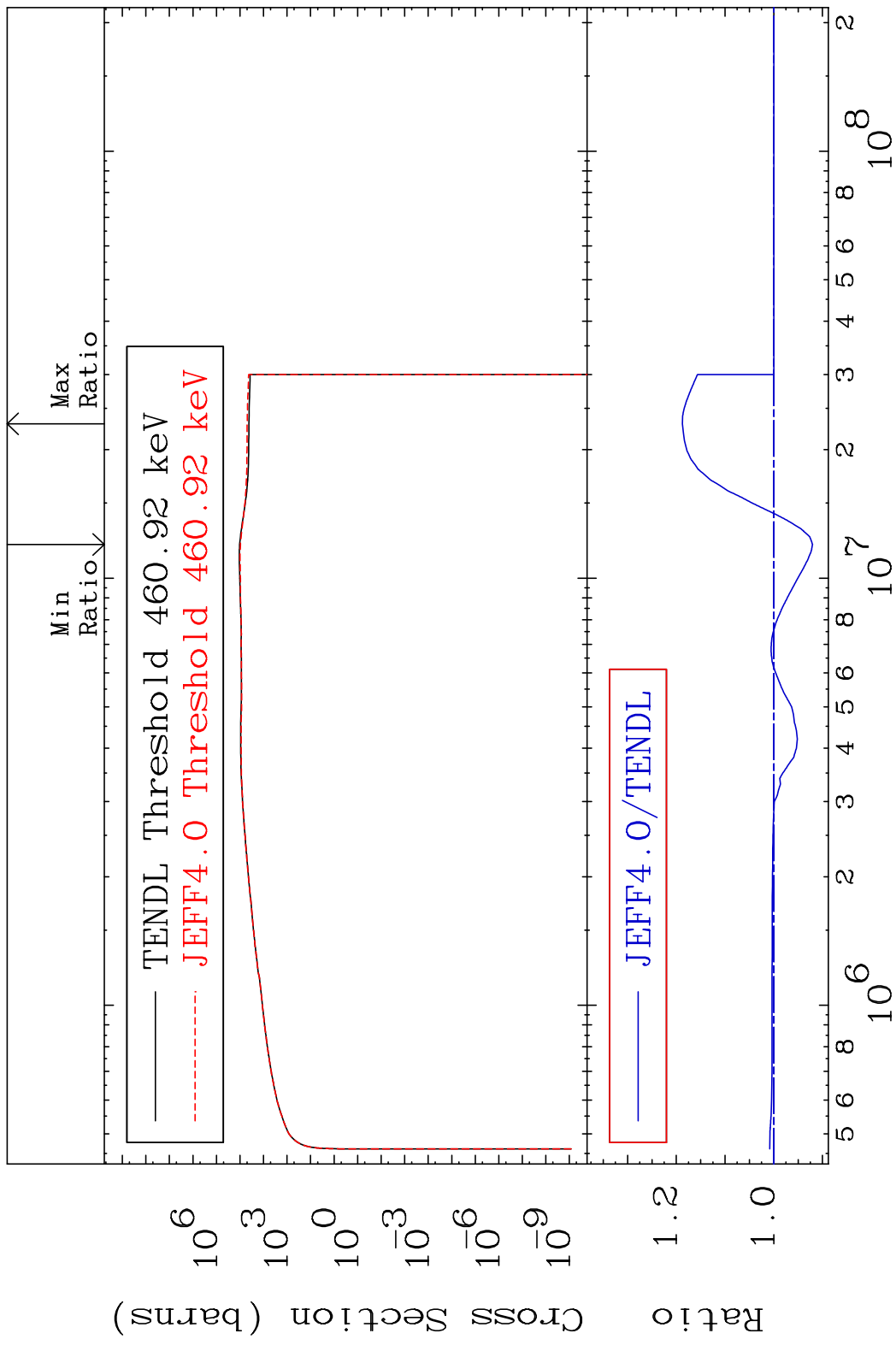
Dpa elastic (mt2)

36-Kr-78

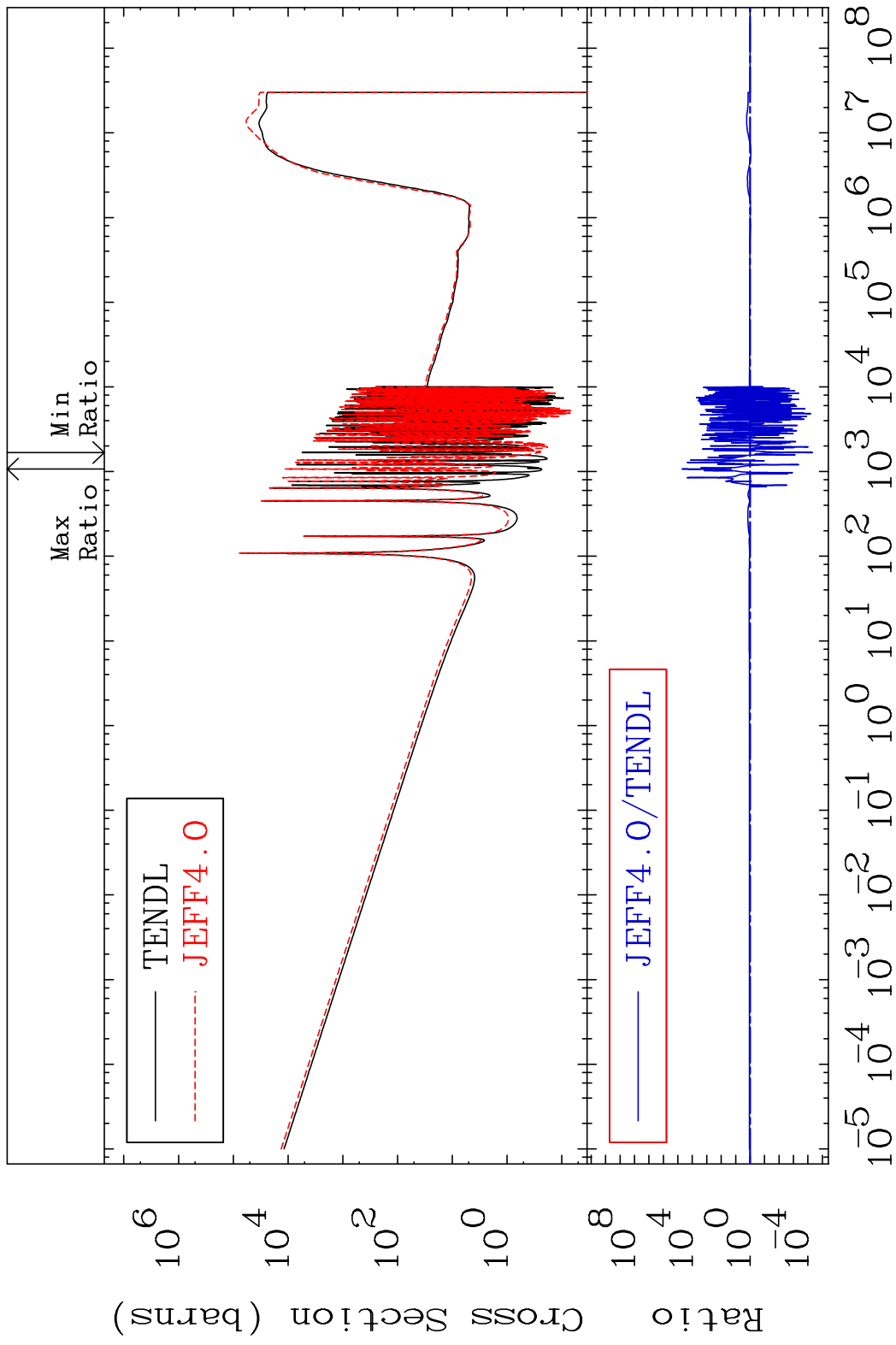
Cross Section -99.95 To 9999. %



MAT 3625 Dpa inelastic (mt51-91) 36-Kr-78
 Cross Section -7.956 To 18.76 %

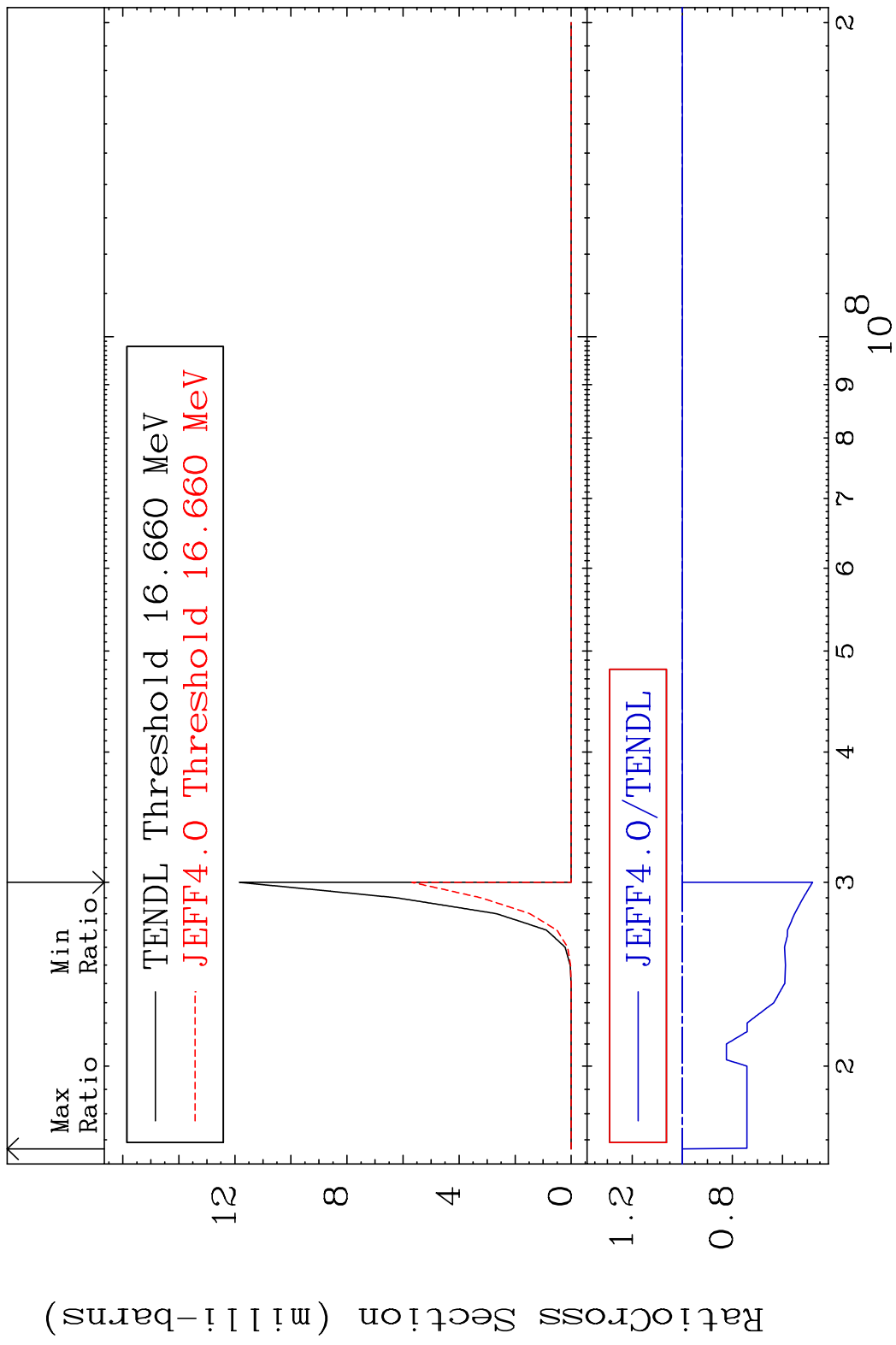


MAT 3625 Dpa disappearance (mt102 -120) 36-Kr-78
 Cross Section -100.0 To 9999. %

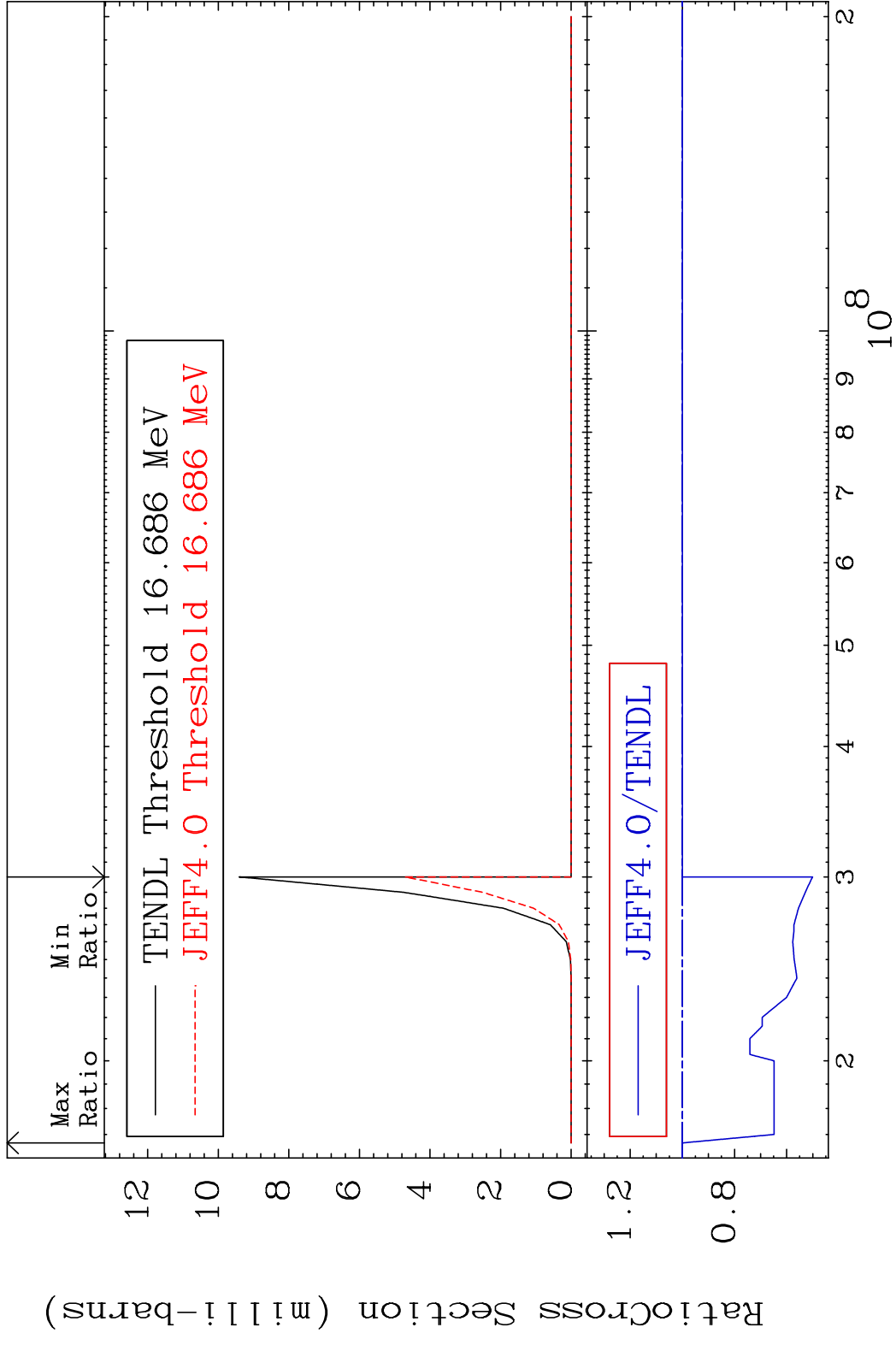


76 Incident Energy (eV) 36-Kr-78

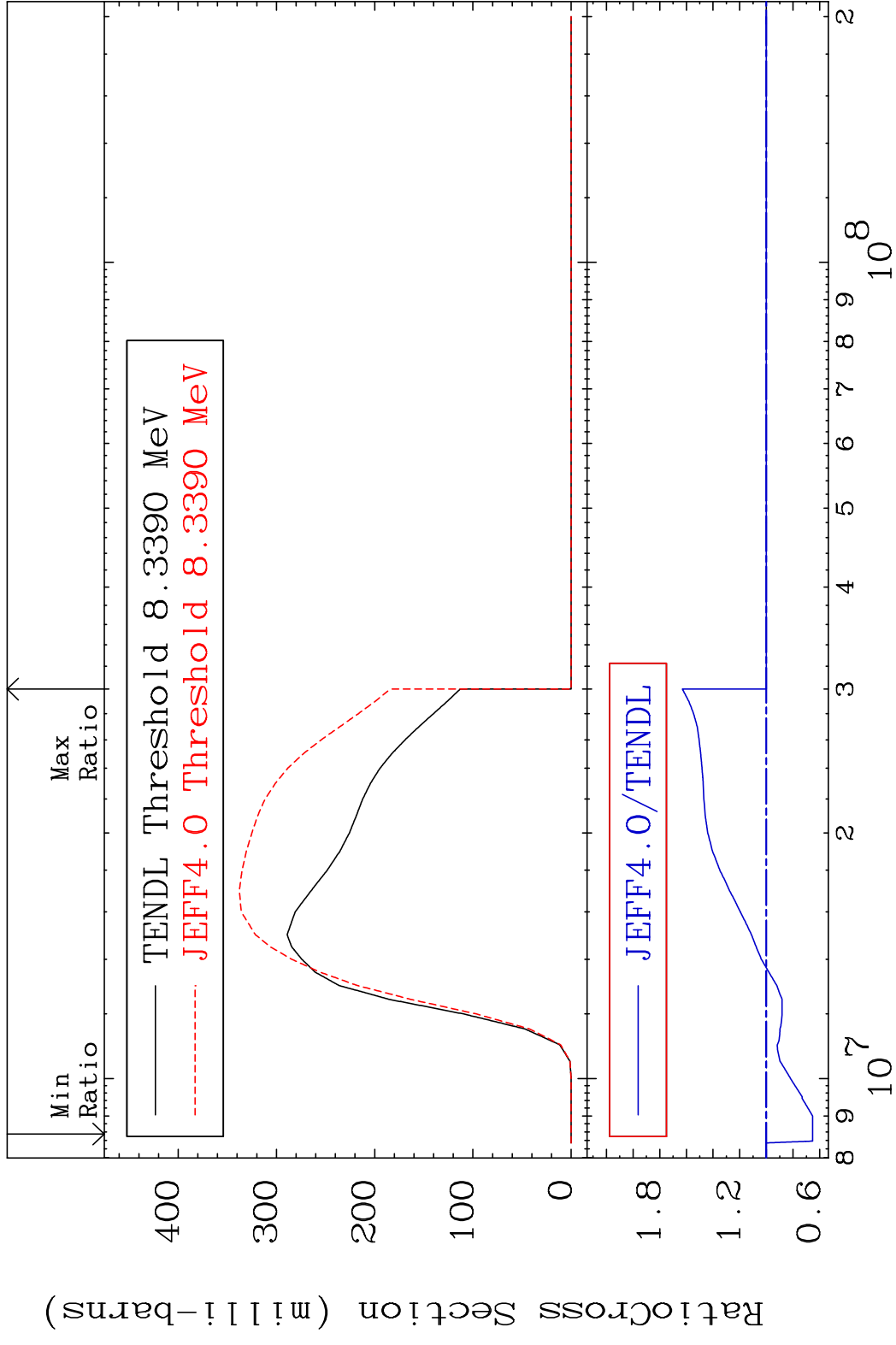
MAT 3625 (n,2n) α :34-Se-73g 36-Kr-78
 Radionuclide Production Cross Section 52.04 dth 0.000 %



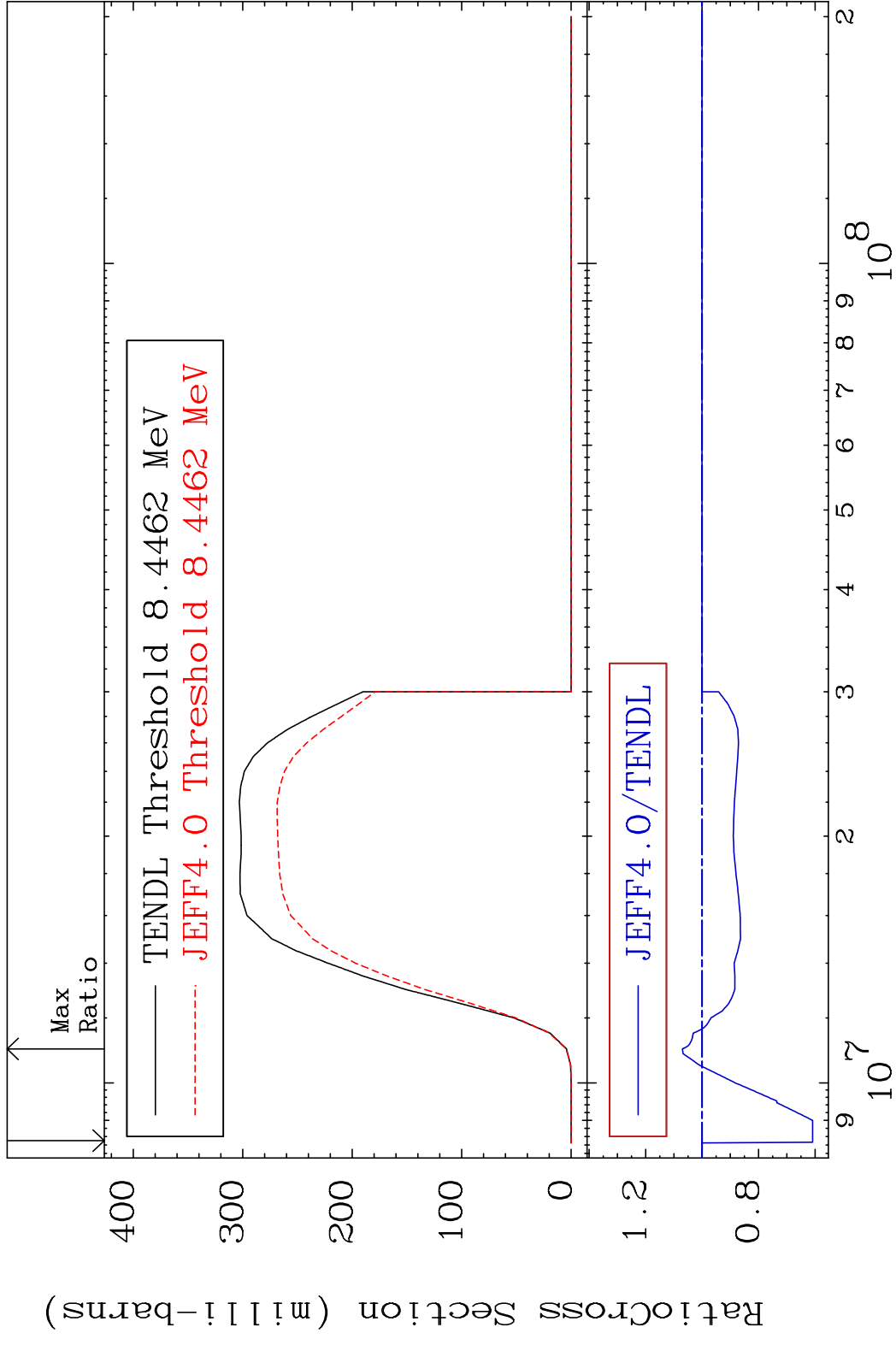
MAT 3625 (n,2n) α :34-Se-73m1 36-Kr-78
 Radionuclide Production Cross Section 0.000 %



MAT 3625 (n, n') p:35-Br-77g 36-Kr-78
 Radionuclide Production Cross Section 63.02 %

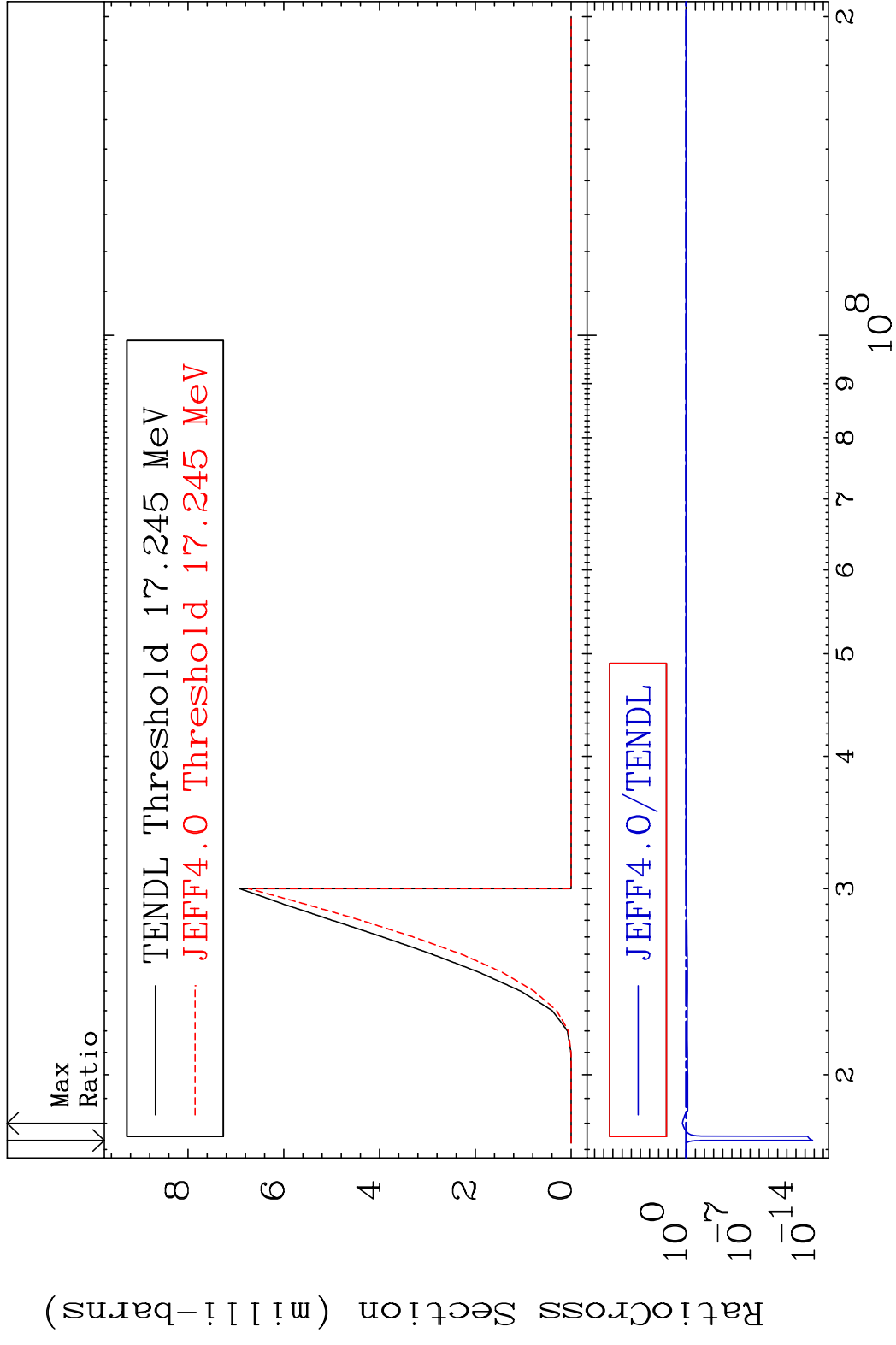


MAT 3625 (n, n') p:35-Br-77m1 36-Kr-78
 Radionuclide Production Cross Section 6.994 %

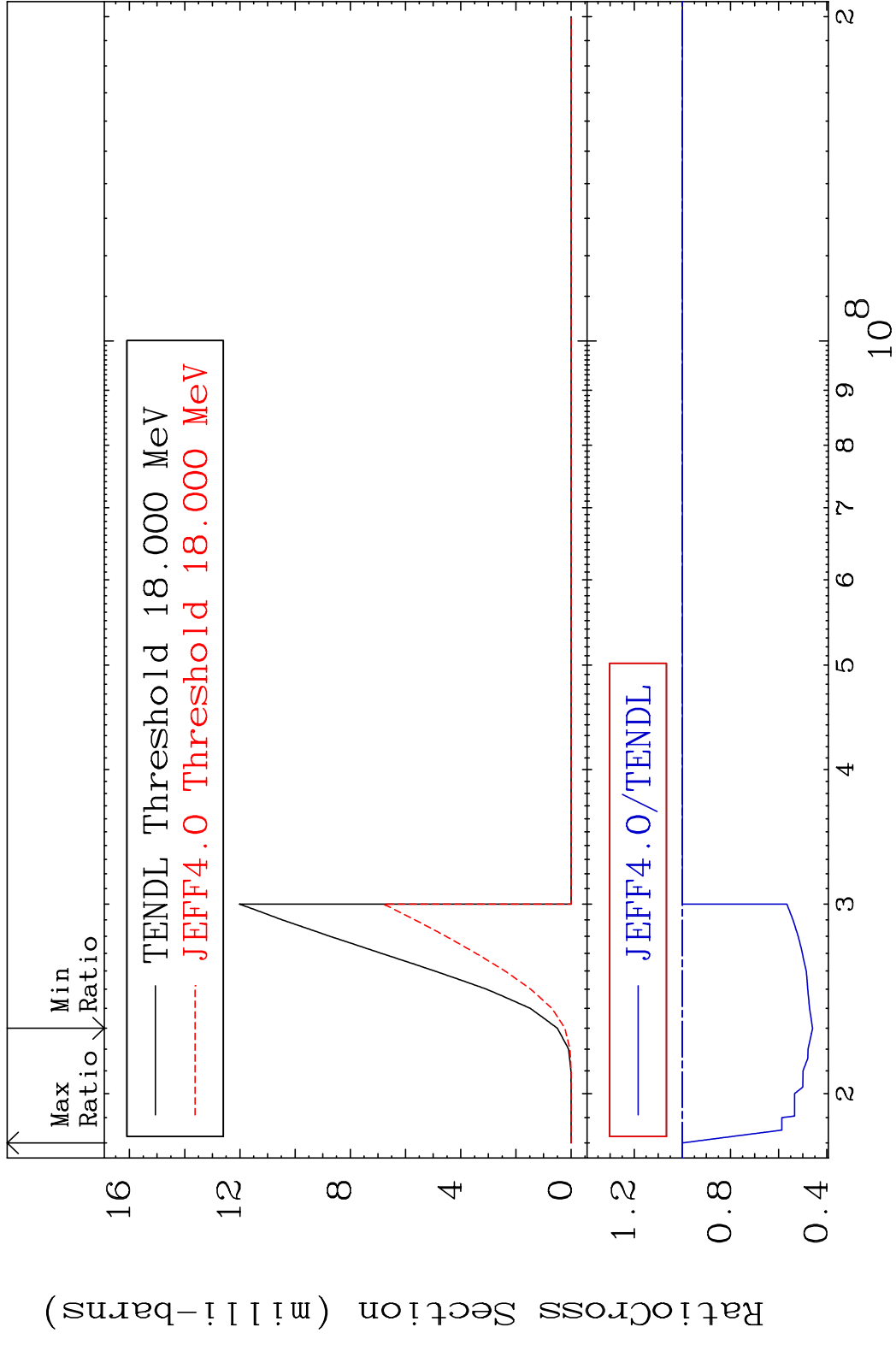


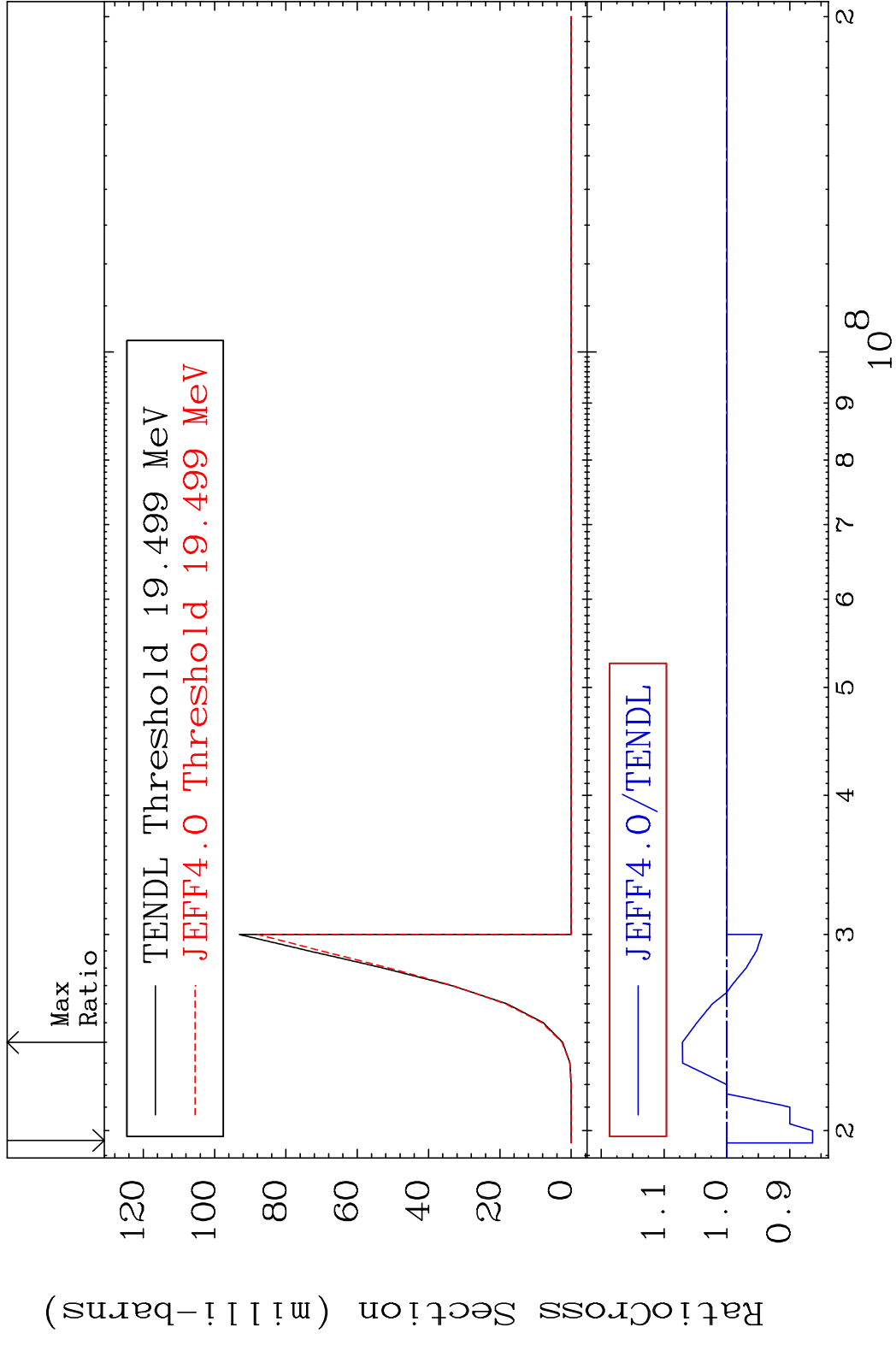
80 Incident Energy (eV) 36-Kr-78

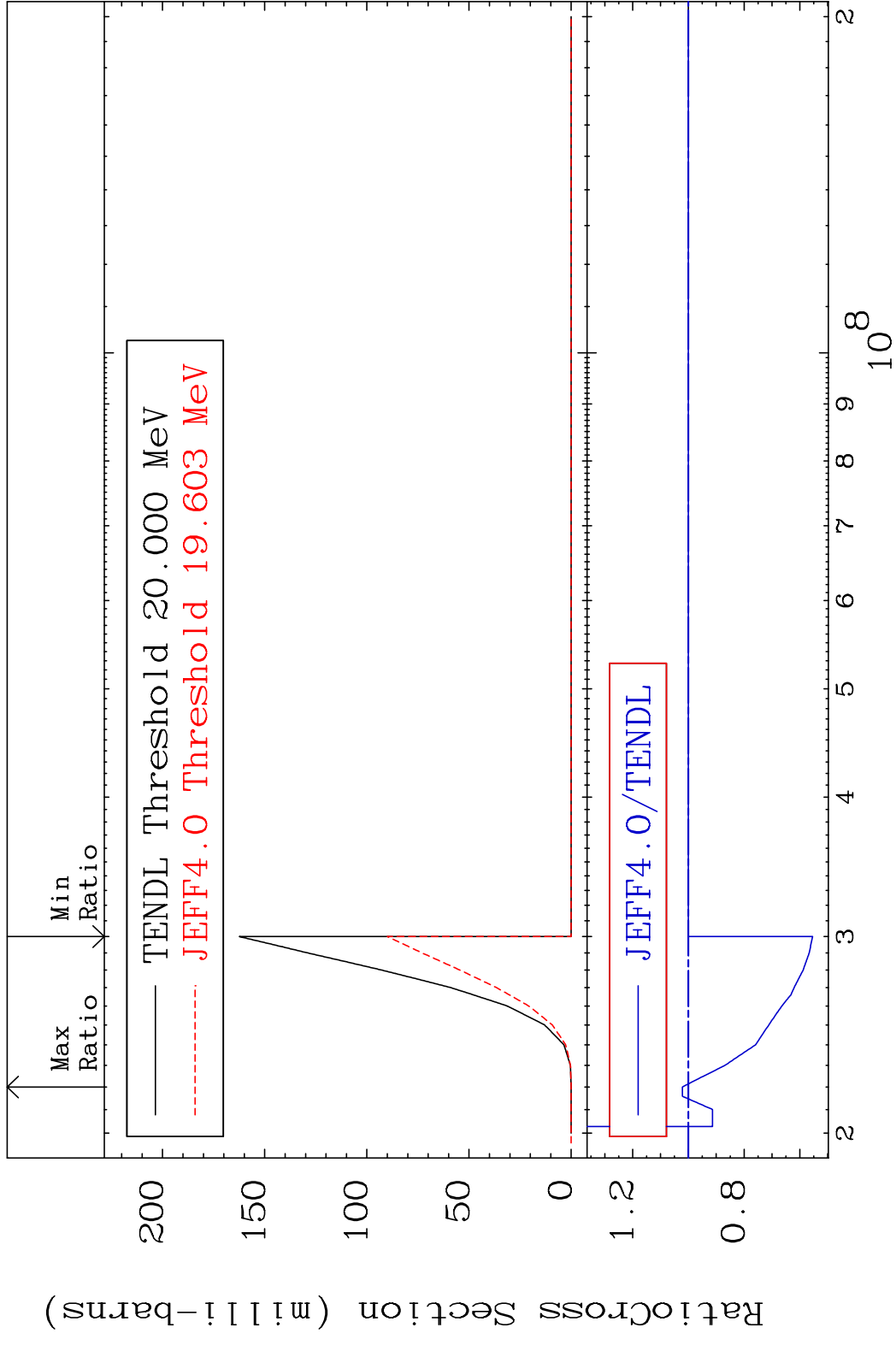
MAT 3625 (n, n') d:35-Br-76g 36-Kr-78
 Radionuclide Production Cross Section 159.4 %



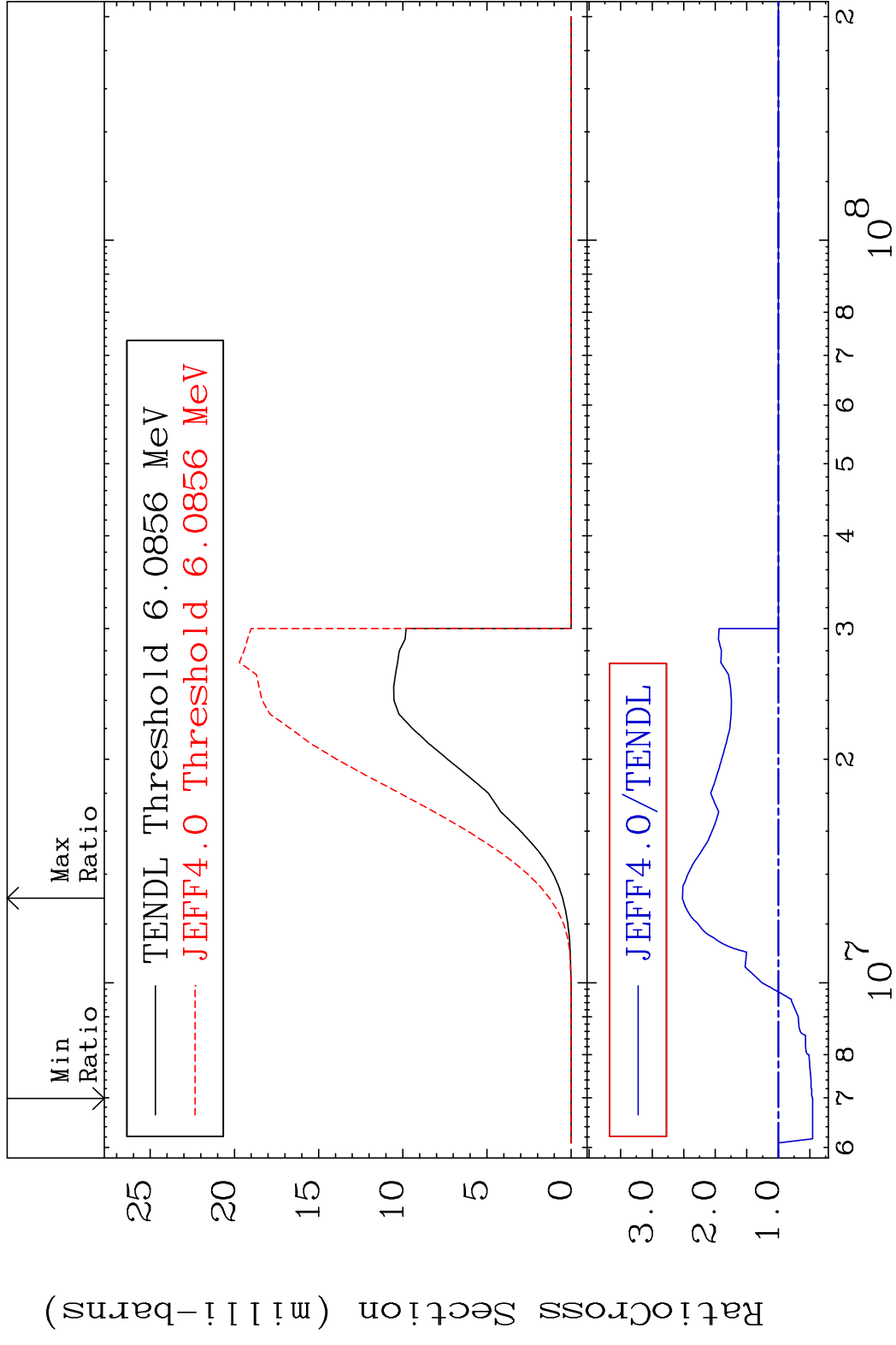
MAT 3625 (n, n') d:35-Br-76m2 36-Kr-78
 Radionuclide Production Cross Section 0.000 %



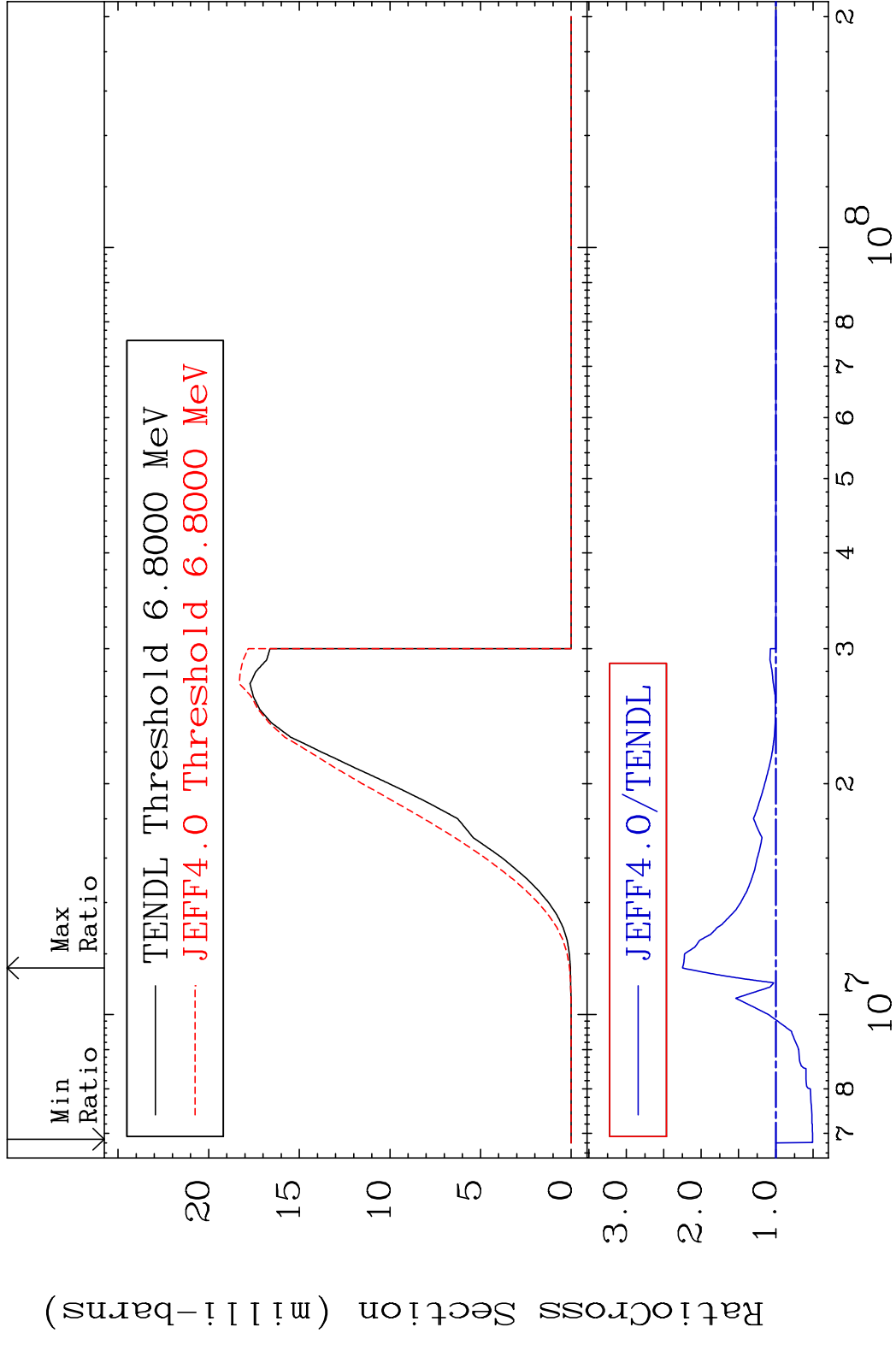




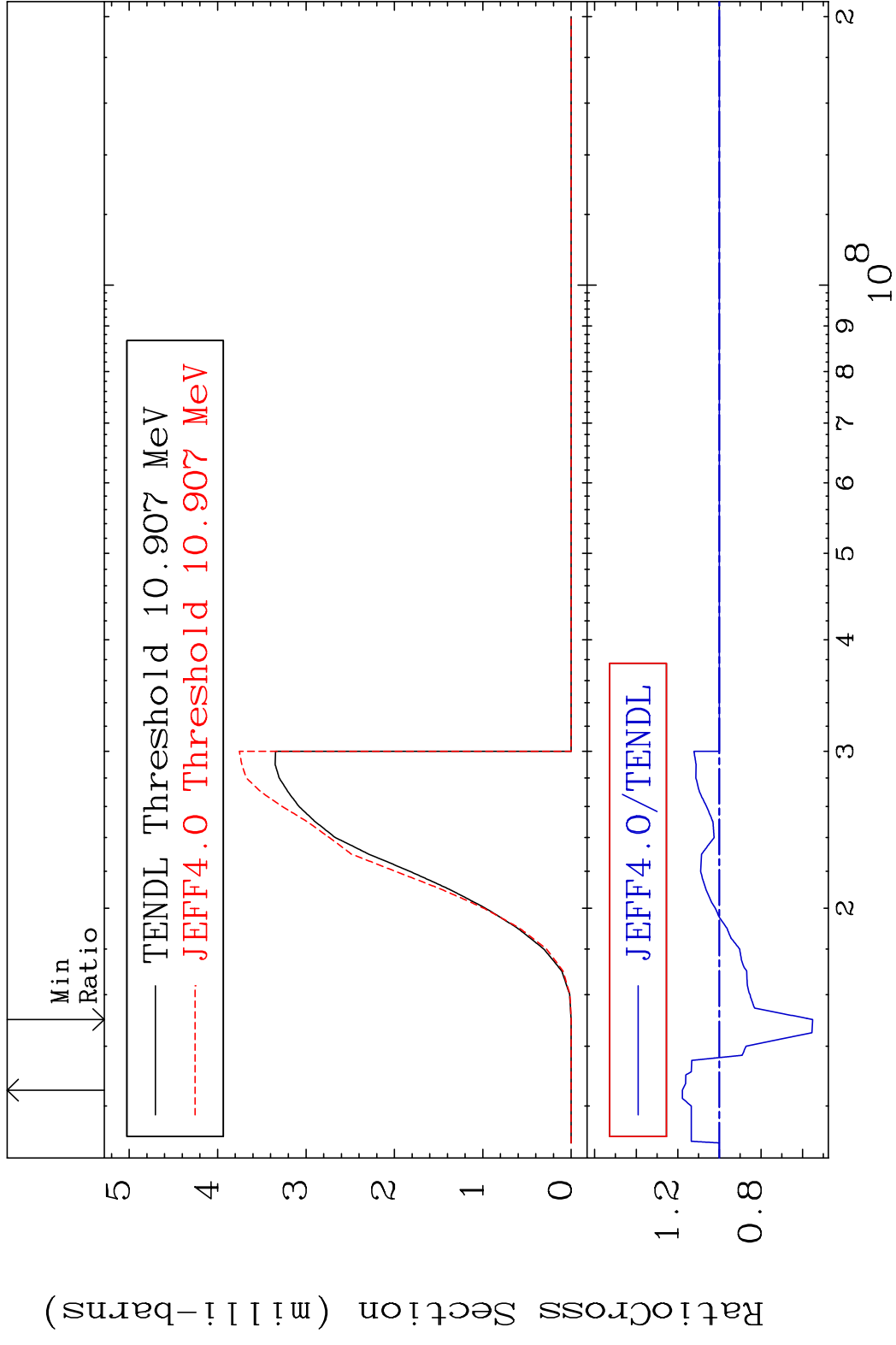
MAT 3625 (n, d) : 35-Br-77g 36-Kr-78
 Radionuclide Production Cross Section 152.2 %

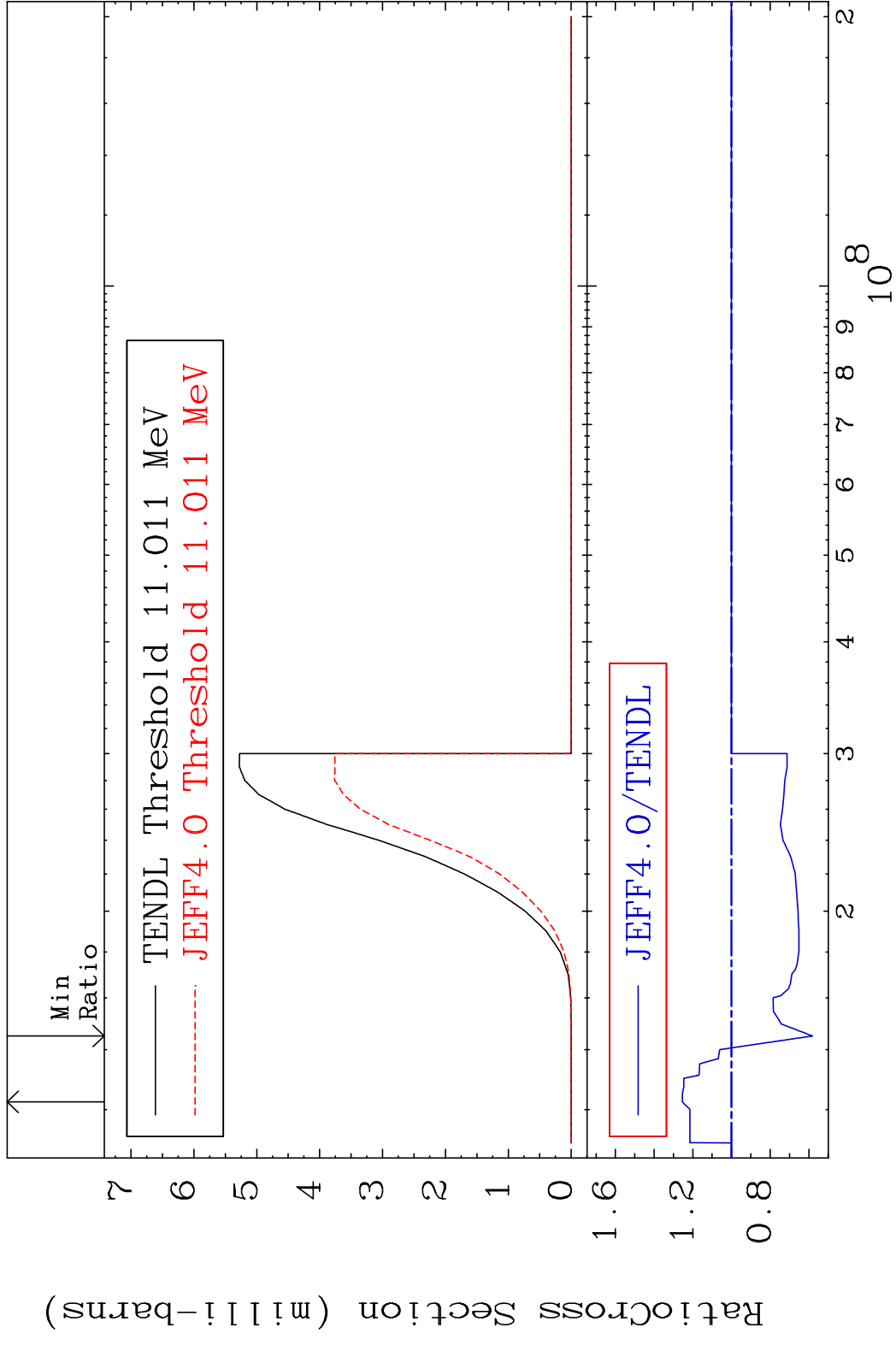


MAT 3625 (n, d): 35-Br-77m1 36-Kr-78
 Radionuclide Production Cross Section 125.0 %

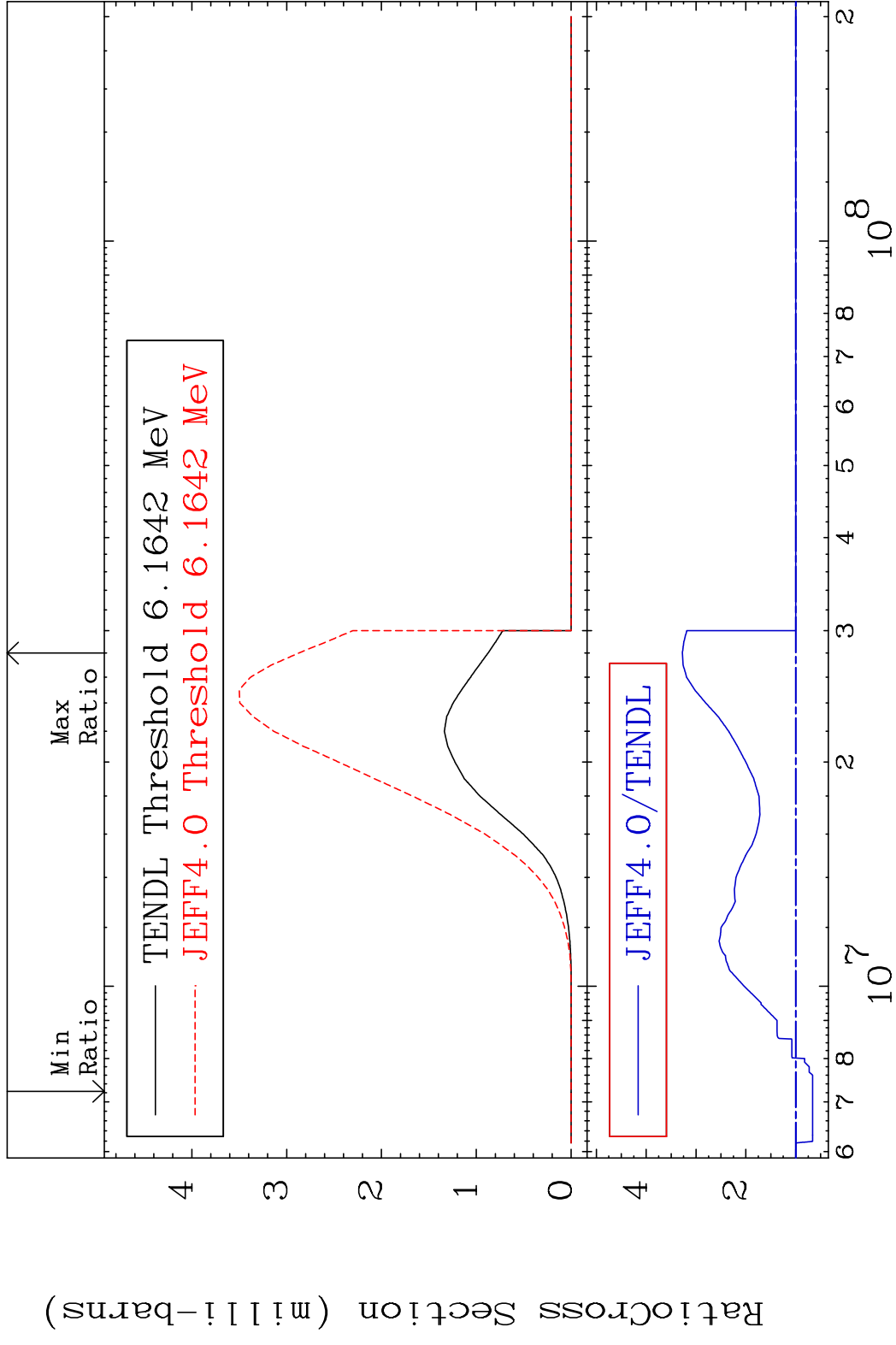


MAT 3625 (n, t): 35-Br-76g 36-Kr-78
 Radionuclide Production Cross Section 17.81 %





MAT 3625 (n,2p):34-Se-77g 36-Kr-78
 Radionuclide Production Cross Section 227.5 %



MAT 3625 (n,2p):34-Se-77m1 36-Kr-78
 Radionuclide Production Cross Section 204.1 %

