

Program Complot
(Version 2021-1)

by

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U.S.A.

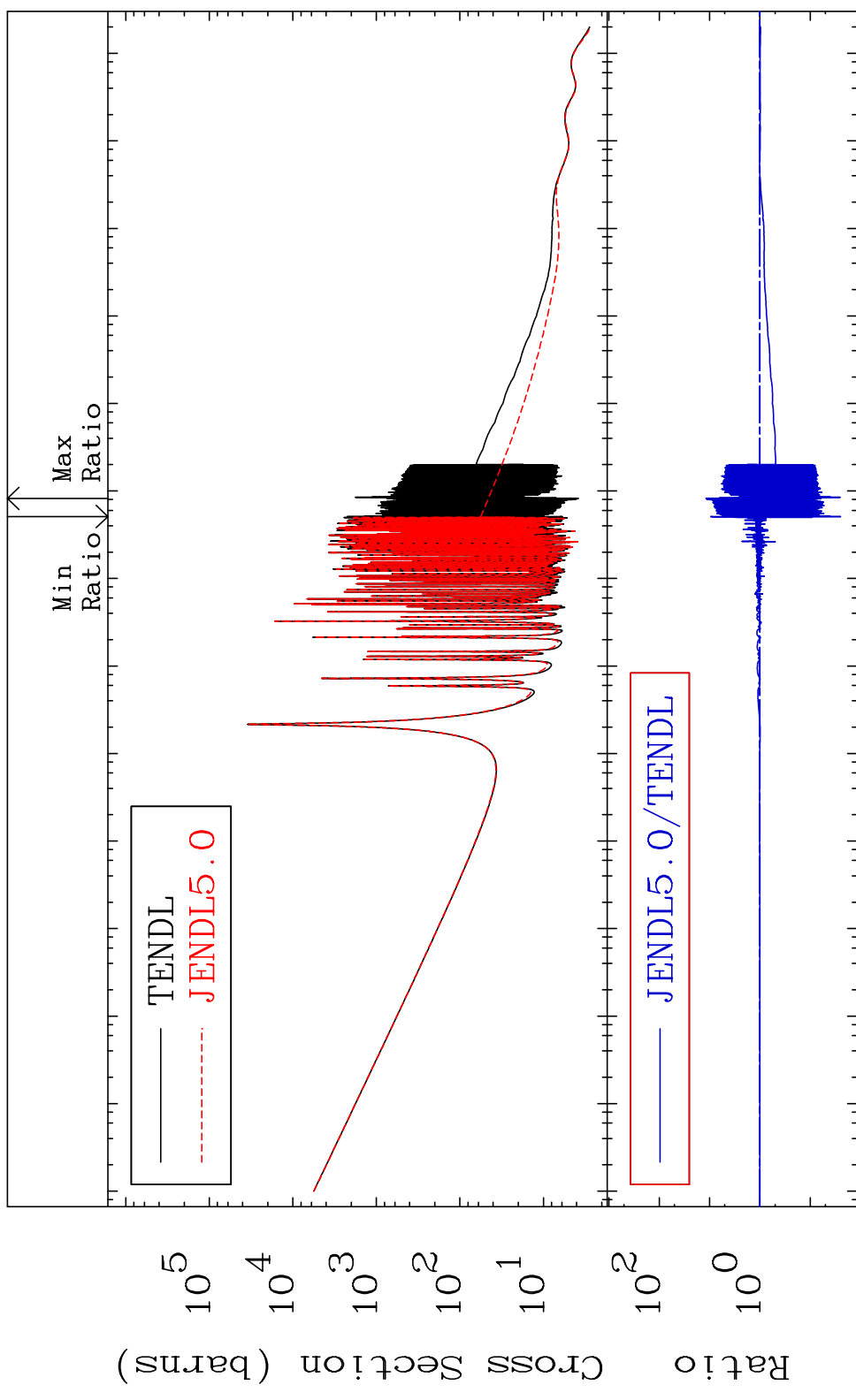
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7525

Total Cross Section -97.49 To 1089. %
75-Re-185

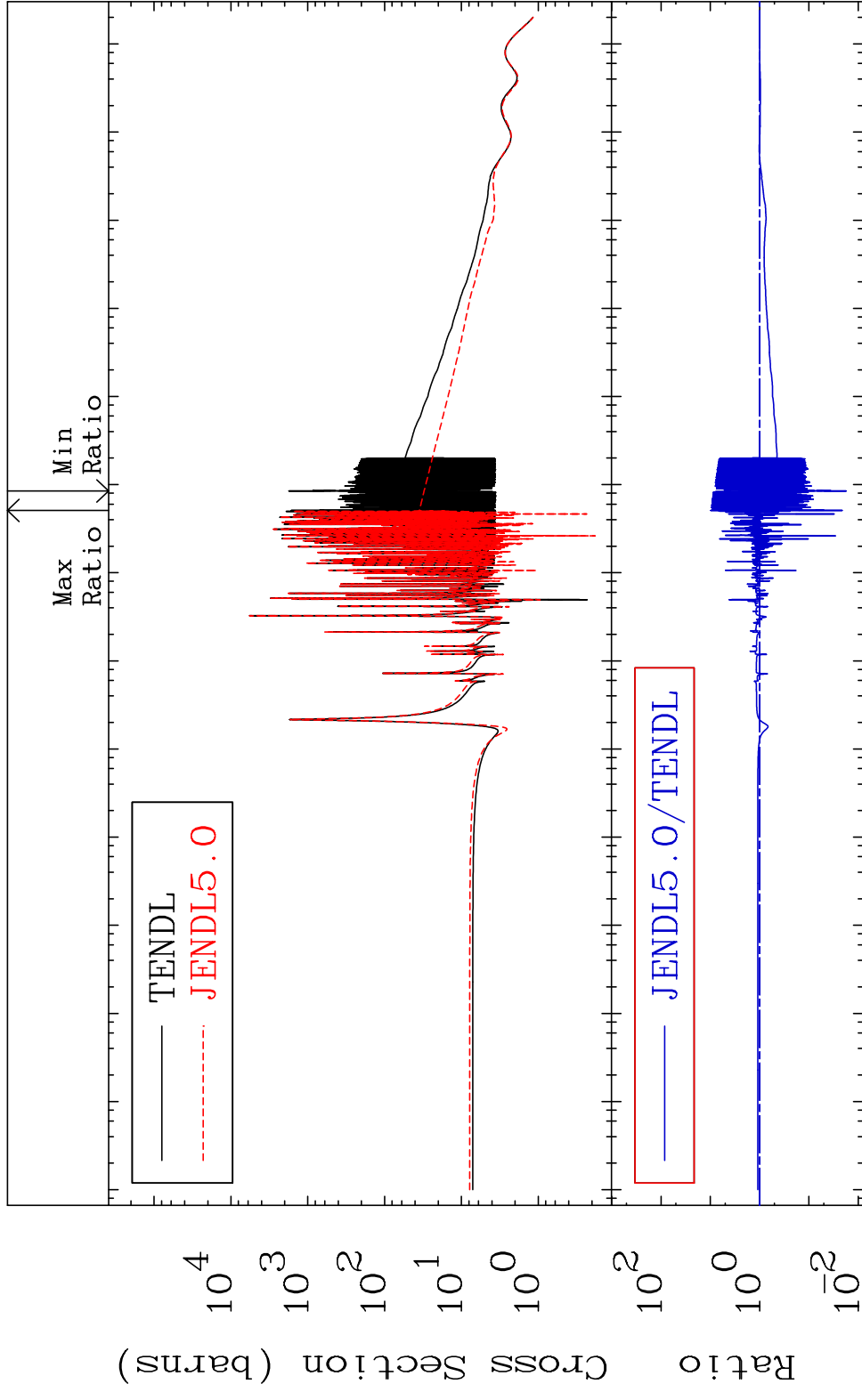


10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵ 10⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

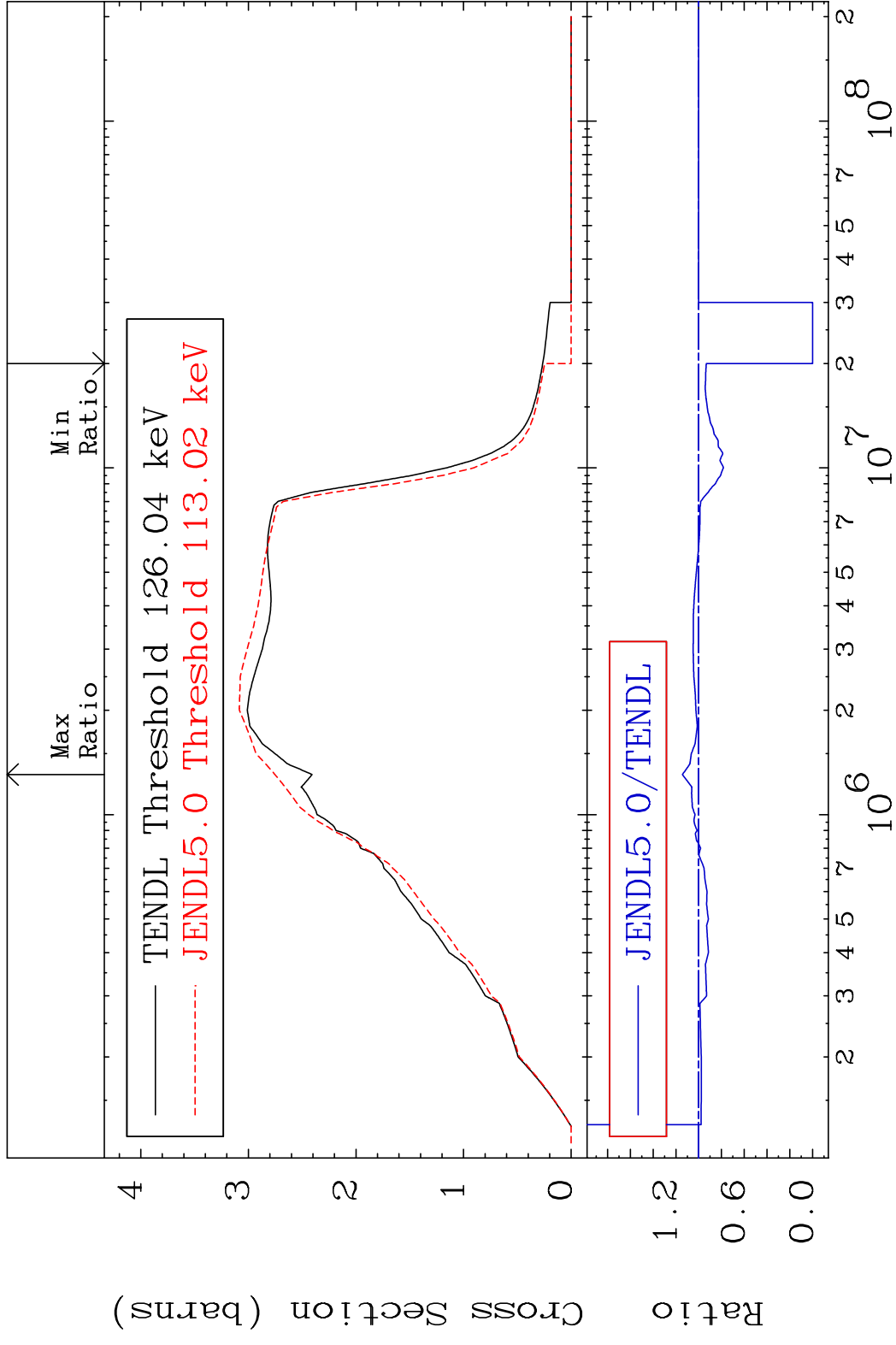
Incident Energy (eV) 75-Re-185

MAT 7525

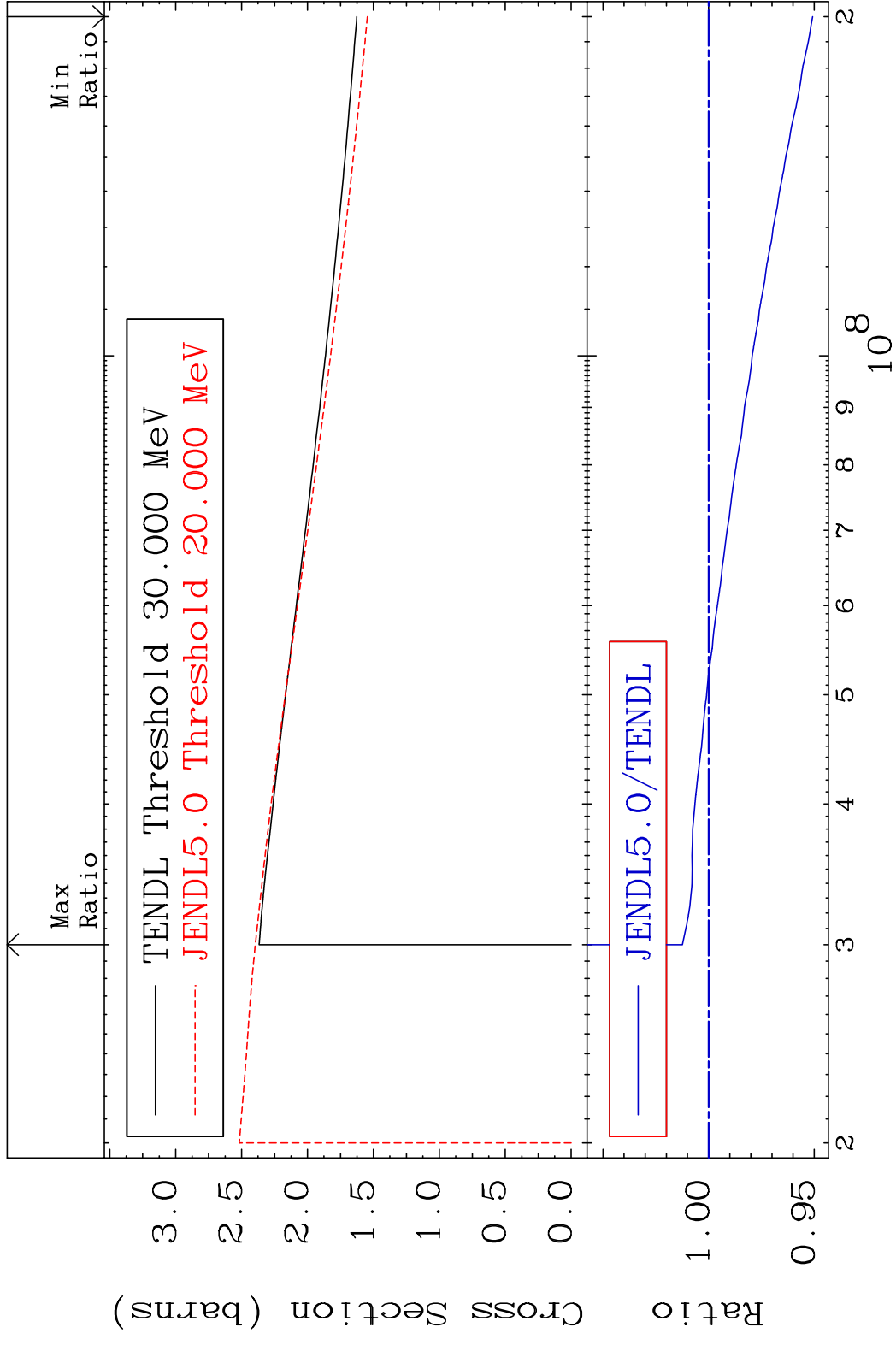
Elastic Cross Section -98.26 To 880.9 %
75-Re-185



MAT 7525 Inelastic 75-Re-185
 Cross Section -100.0 To 14.34 %

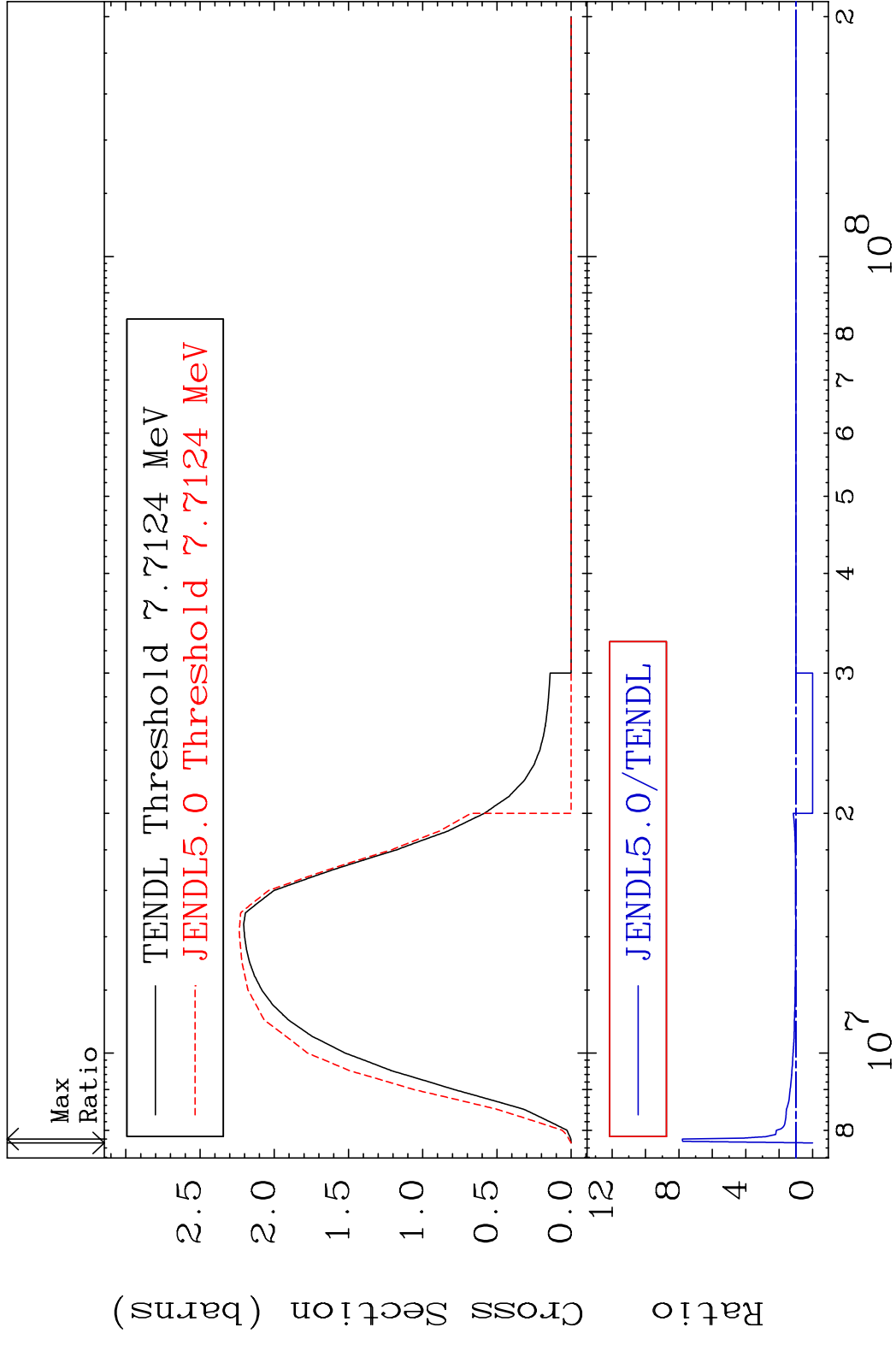


MAT 7525 (n, remainder) 75-Re-185
 Cross Section -4.920 To 1.241 %



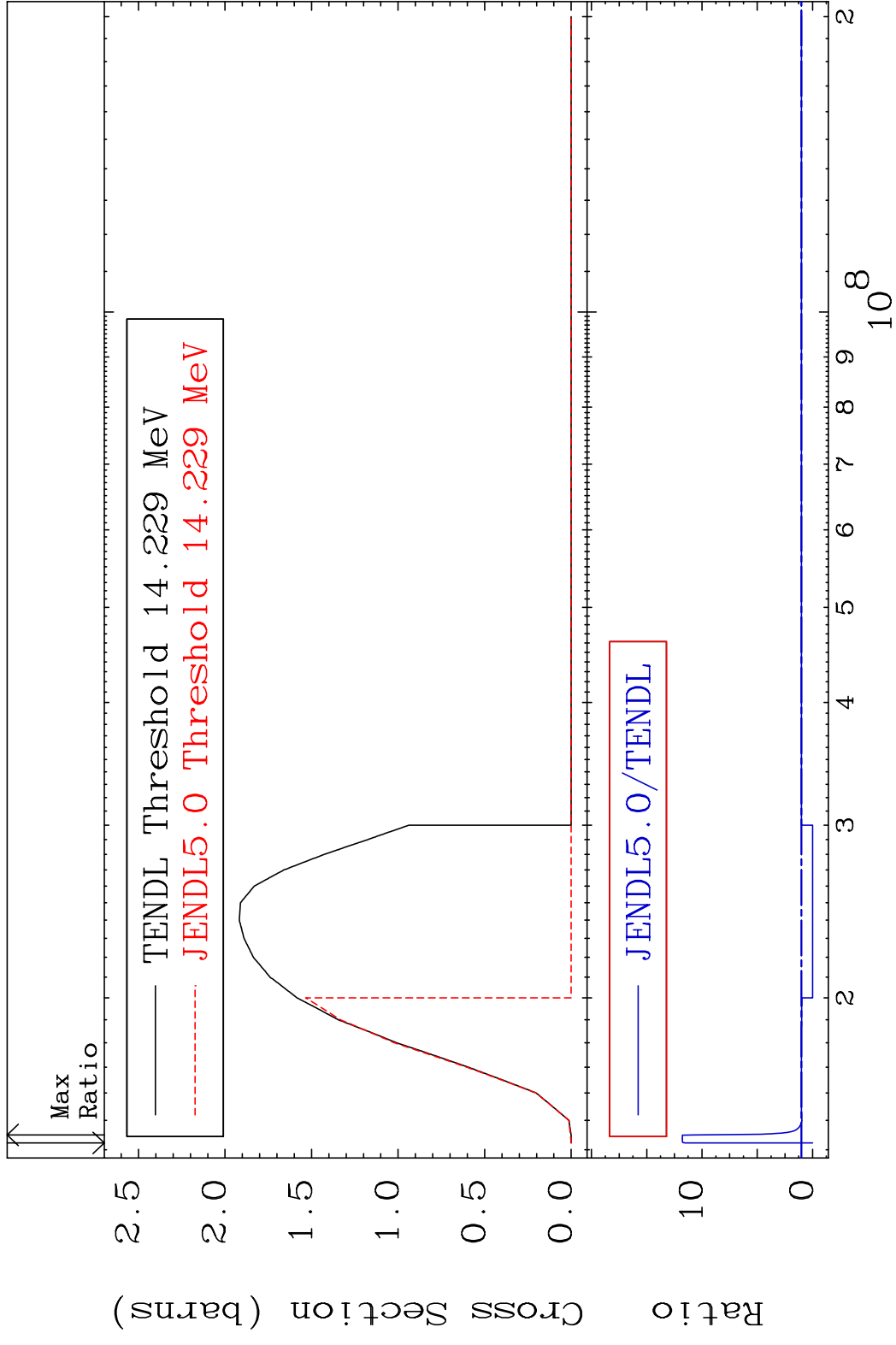
4 Incident Energy (eV) 75-Re-185

MAT 7525 (n,2n) 75-Re-185
 Cross Section -100.0 To 679.5 %



5 Incident Energy (eV) 75-Re-185

MAT 7525 (n,3n) 75-Re-185
 Cross Section -100.0 To 1078. %

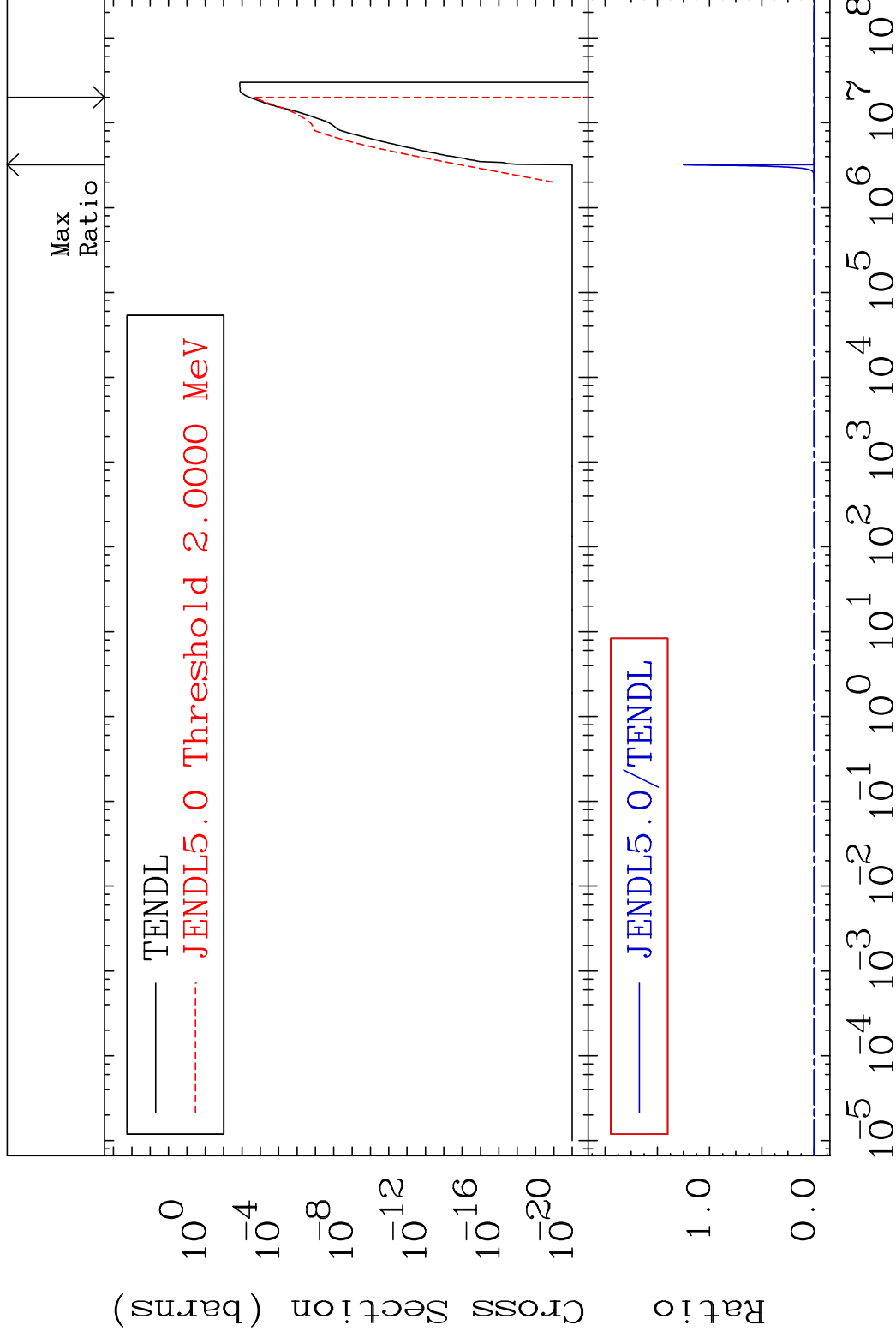


MAT 7525

(n, n') α

75-Re-185

Cross Section -100.0 To 9999. %

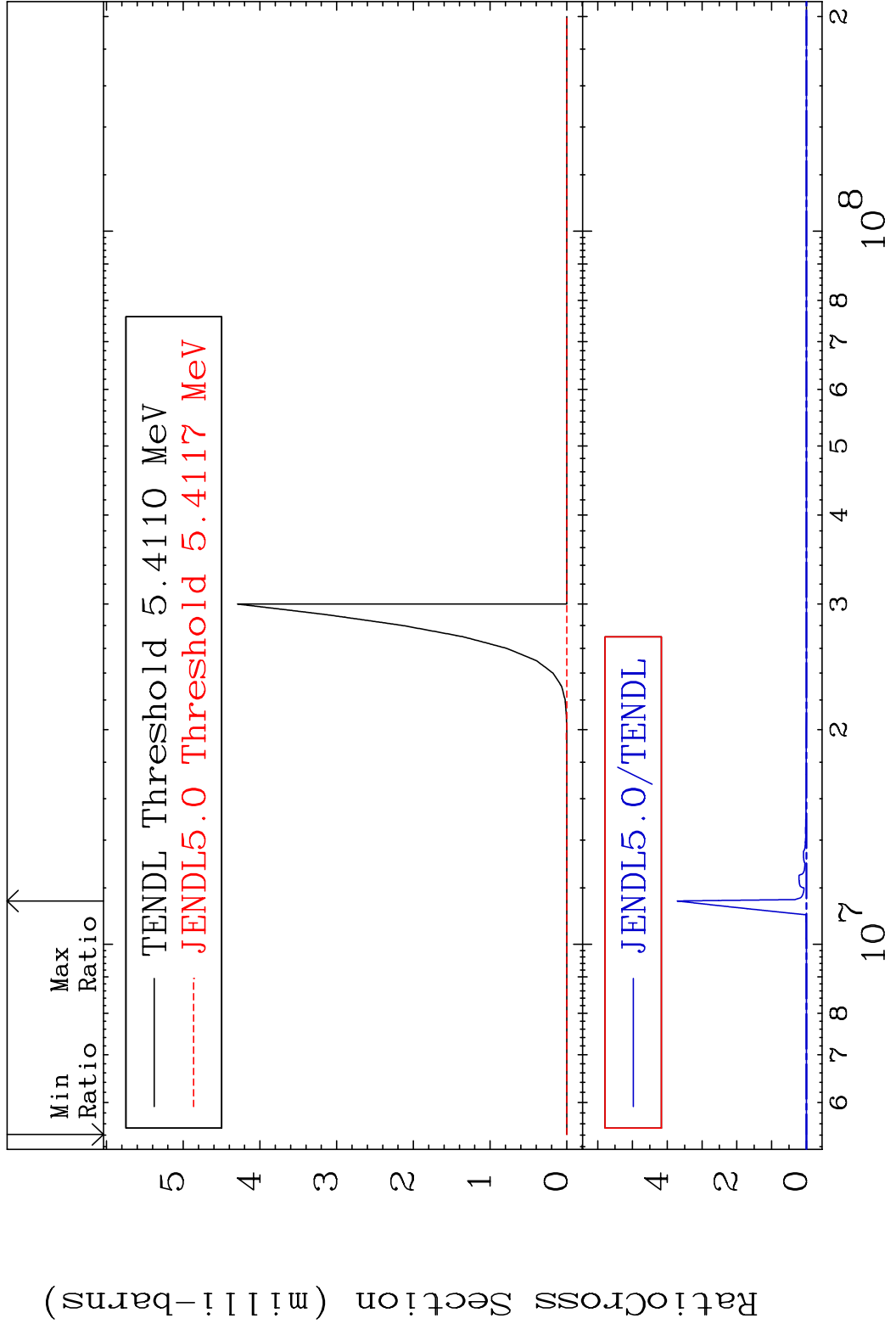


7

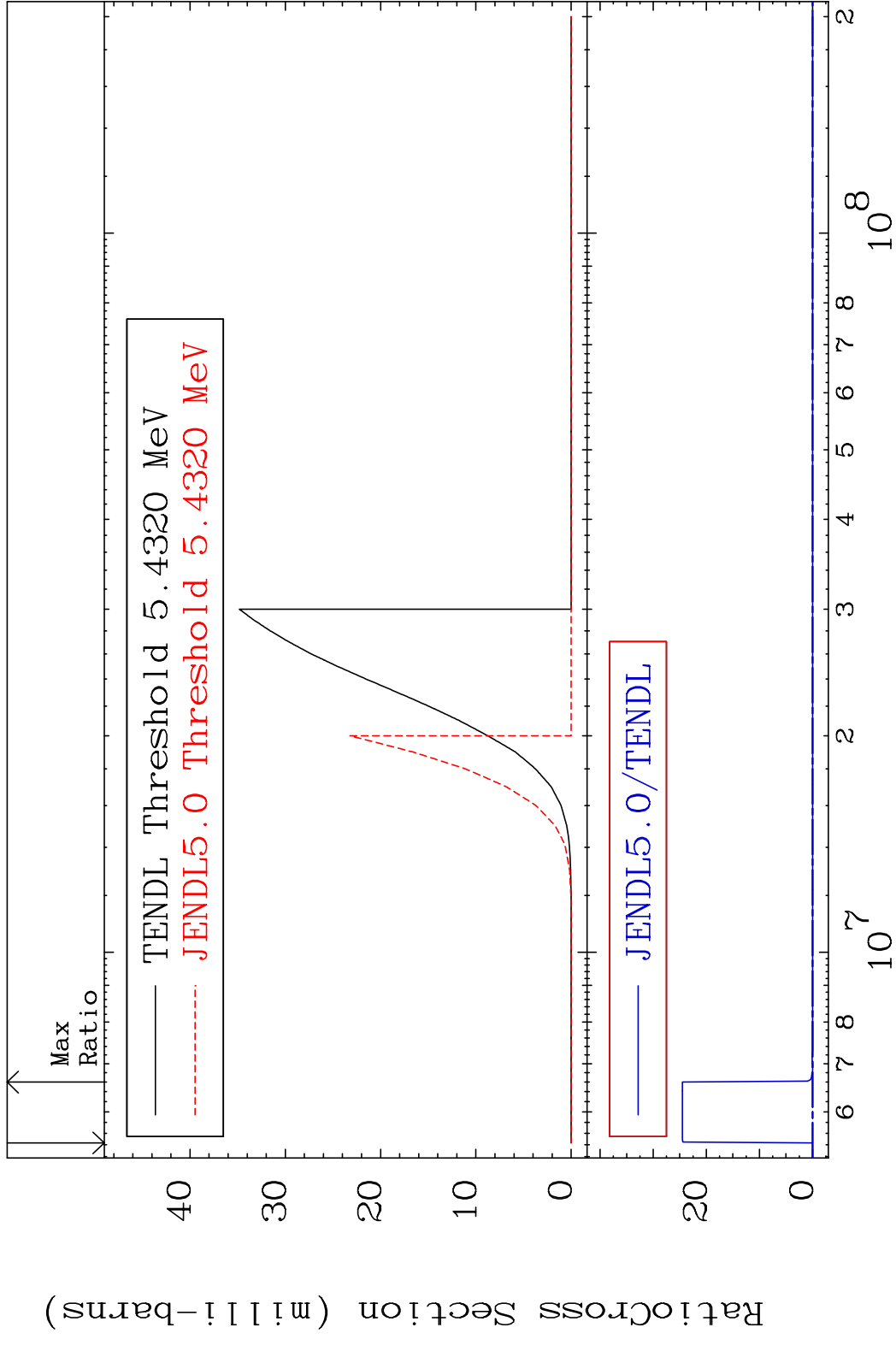
Incident Energy (eV)

75-Re-185

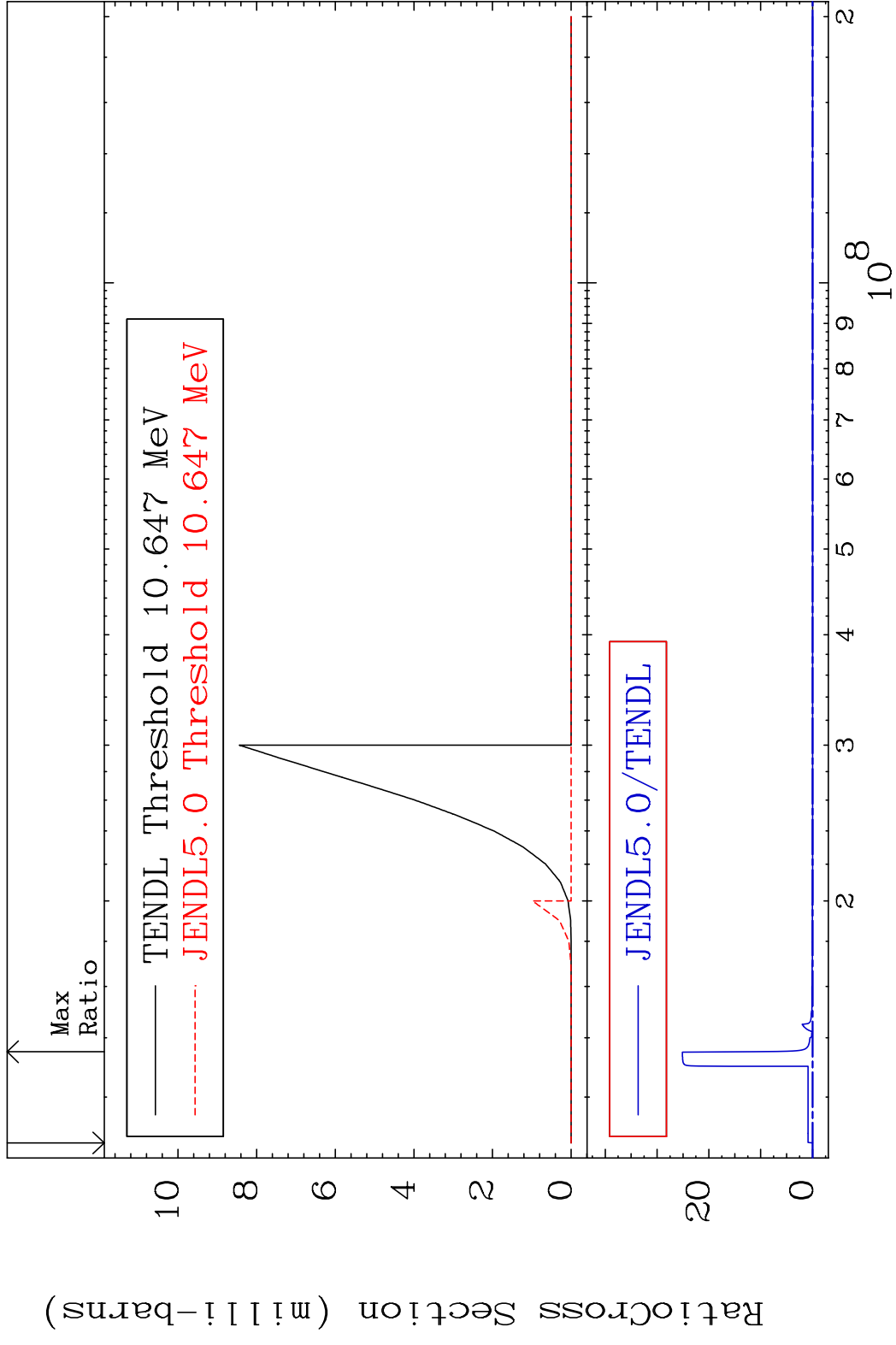
MAT 7525 (n,2n) α 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 (n, n') p 75-Re-185
 Cross Section -100.0 To 9999. %

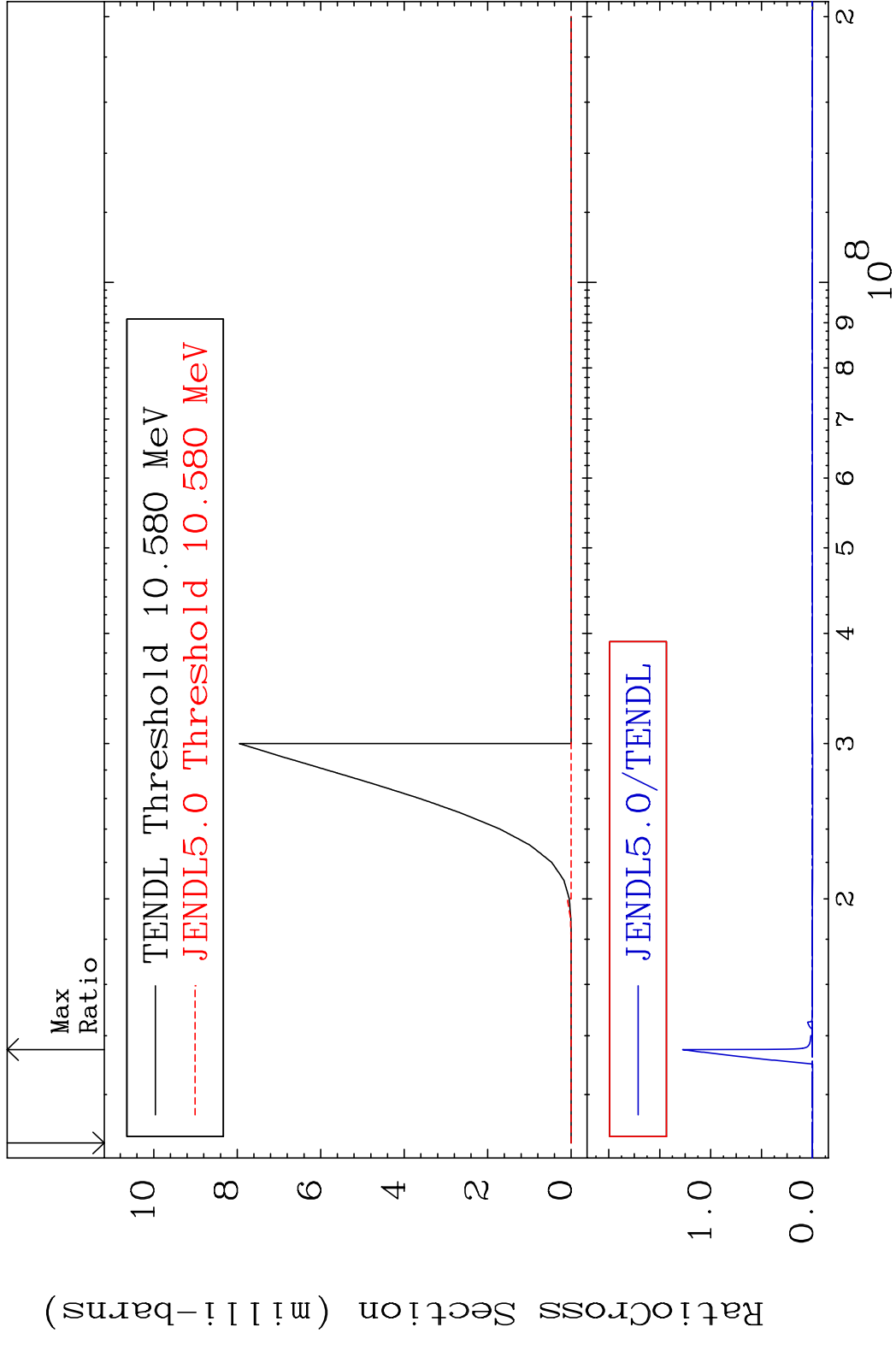


MAT 7525 (n, n') d 75-Re-185
 Cross Section -100.0 To 9999. %

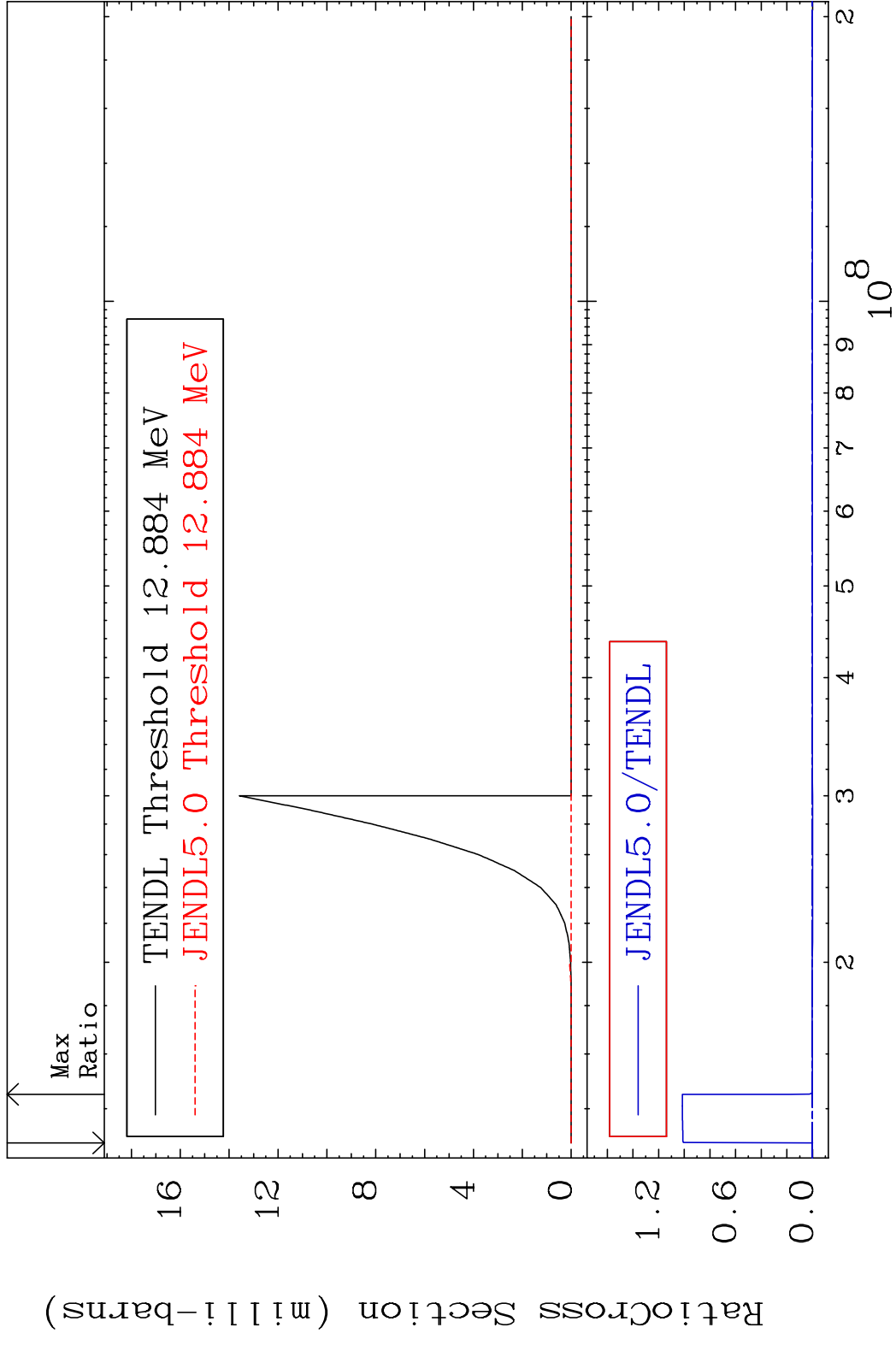


10 Incident Energy (eV) 75-Re-185

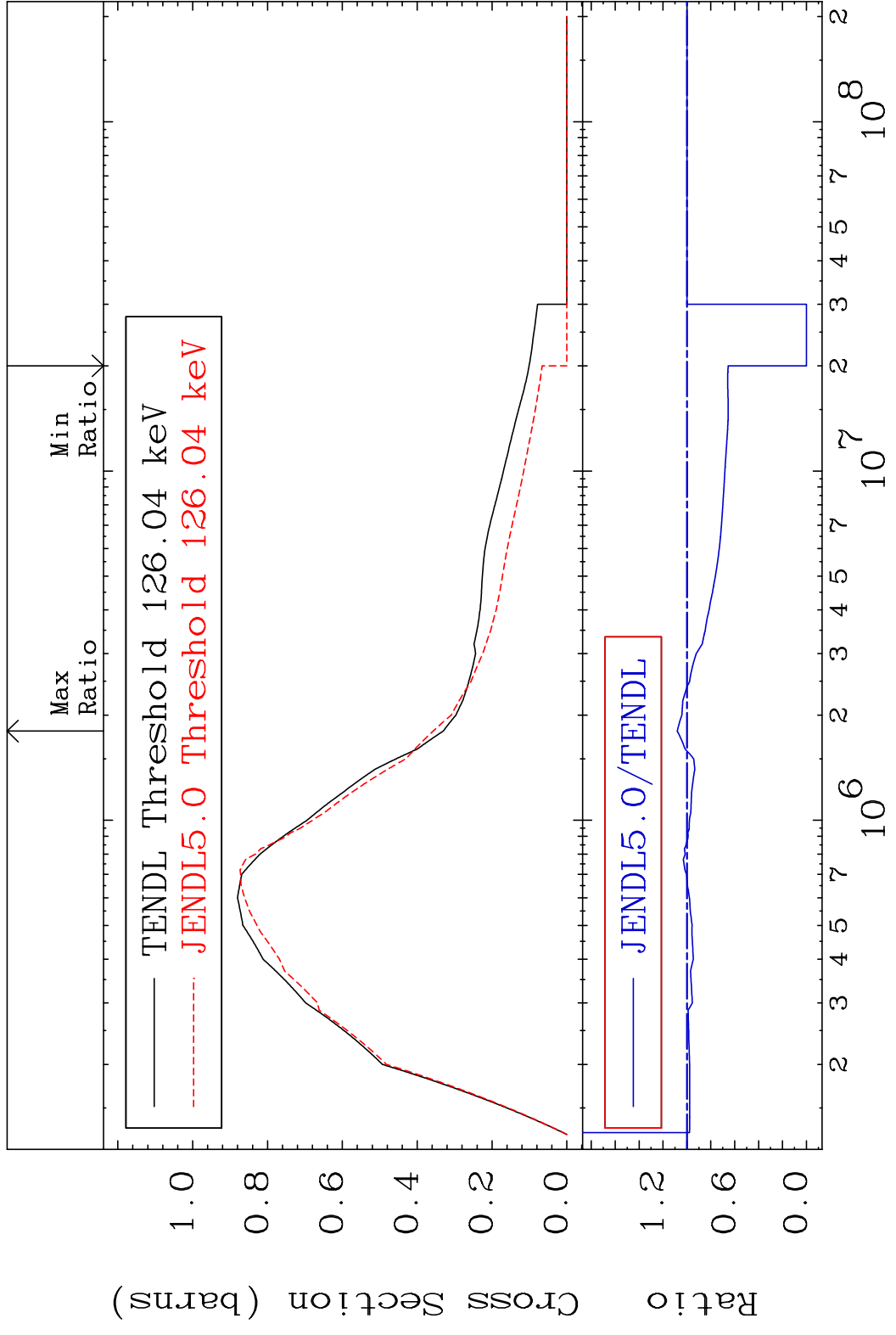
MAT 7525 (n, n') t 75-Re-185
 Cross Section -100.0 To 9999. %



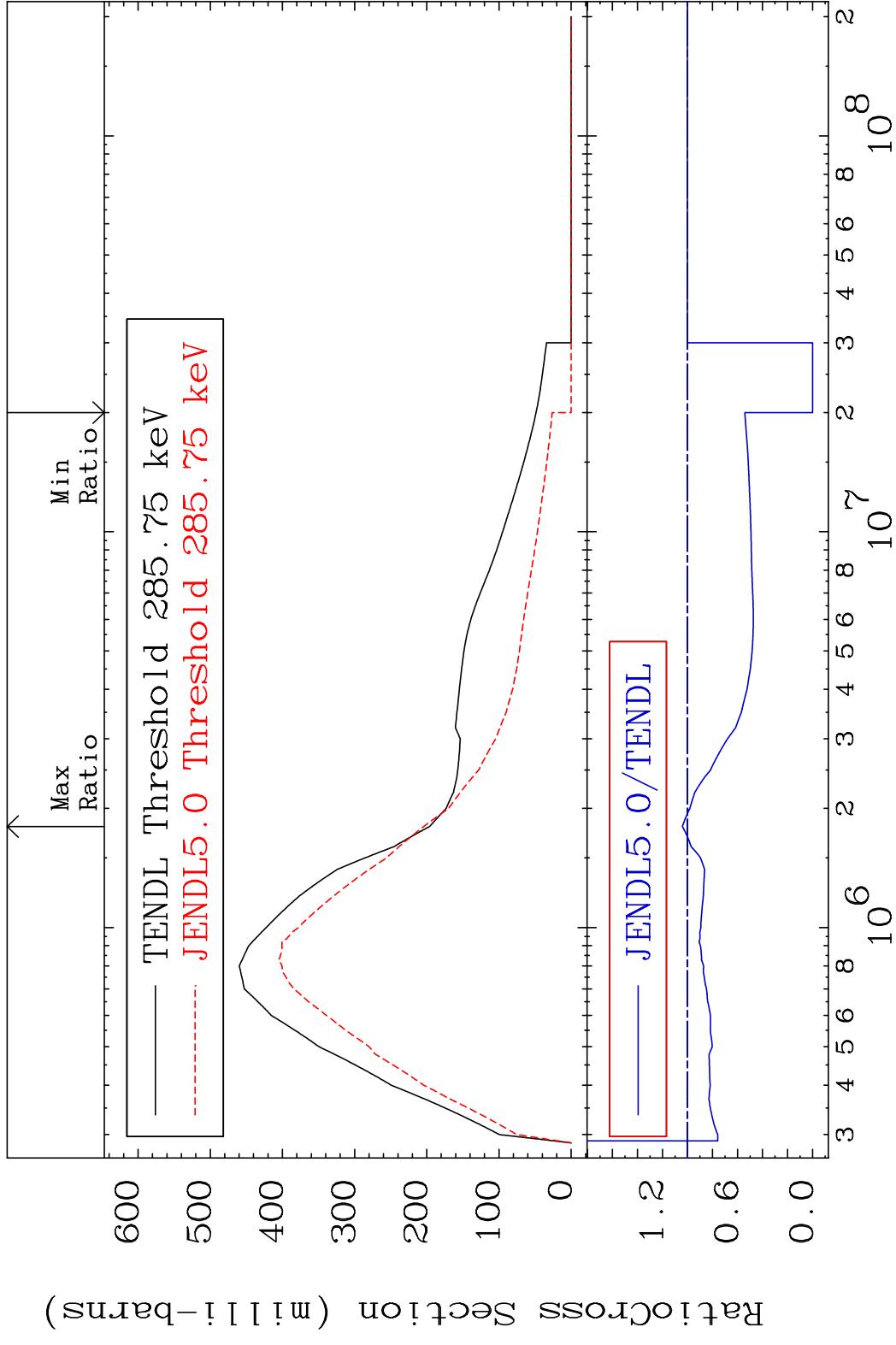
MAT 7525 (n,2n) p 75-Re-185
 Cross Section -100.0 To 9999. %



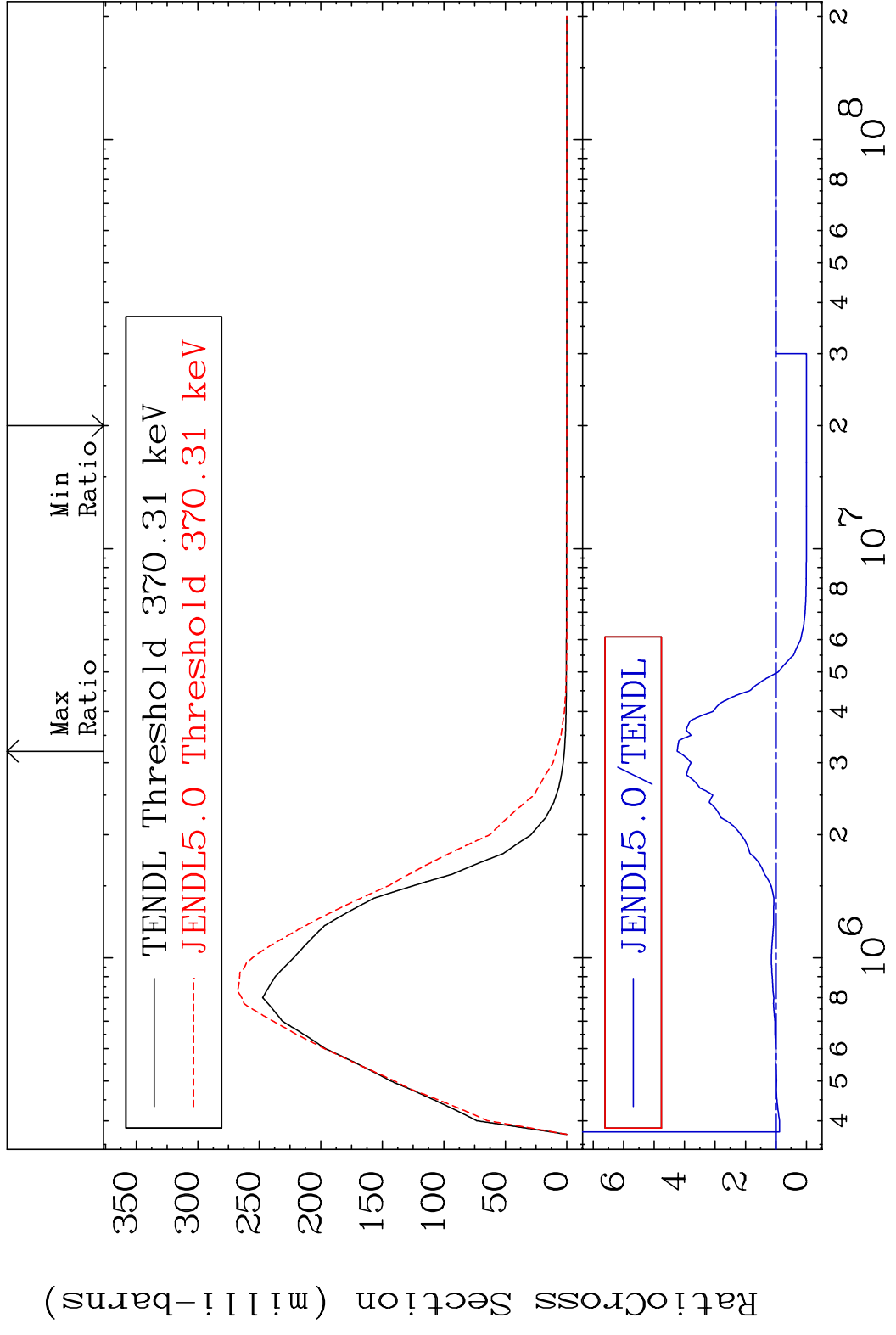
MAT 7525 MT= 51 (n,n') Level 75-Re-185
 Cross Section -100.0 To 8.136 %



MAT 7525 MT= 52 (n, n') Level 75-Re-185
 Cross Section -100.0 To 4.111 %

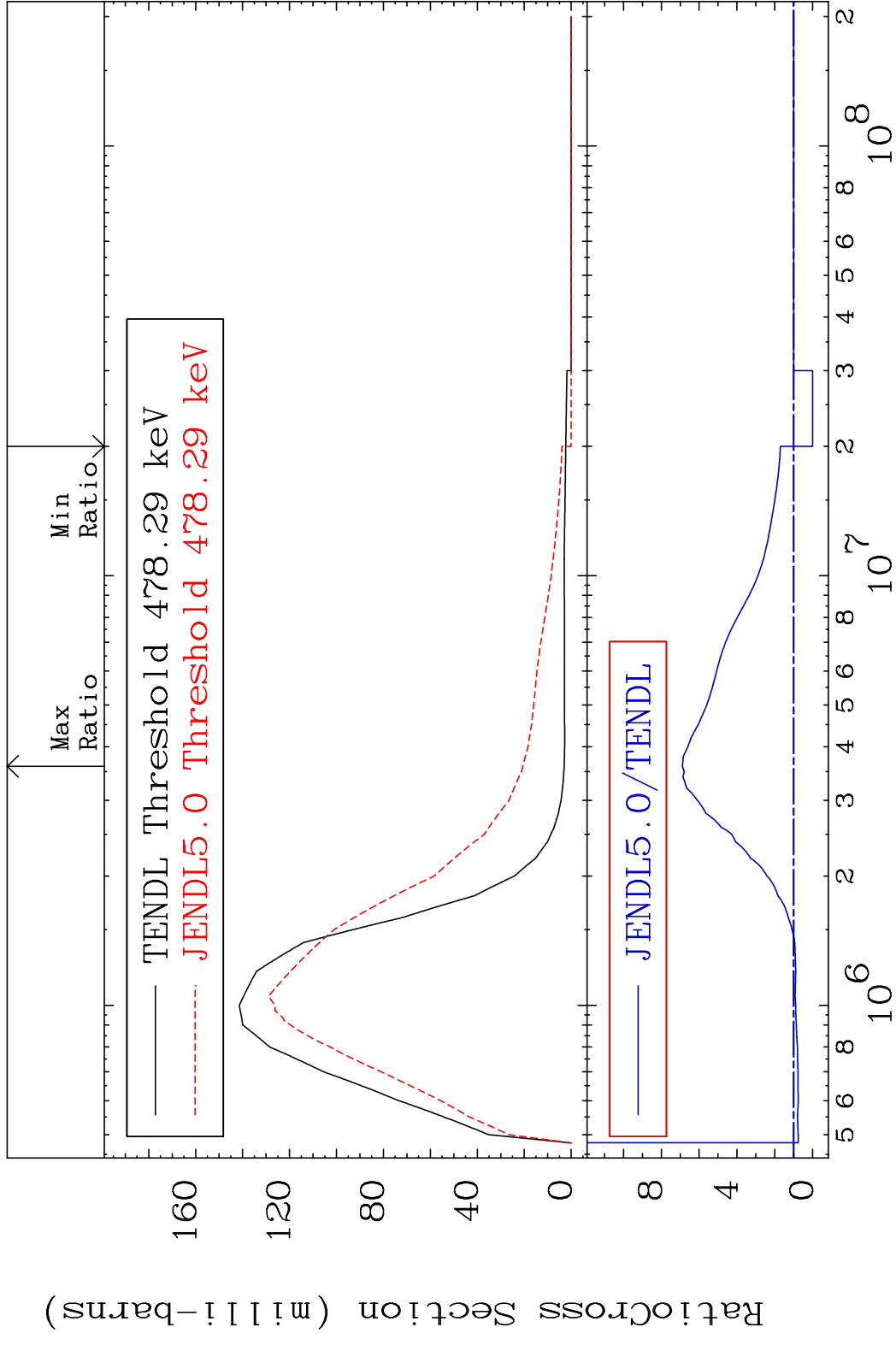


MAT 7525 MT= 53 (n, n') Level 75-Re-185
 Cross Section -100.0 To 324.2 %

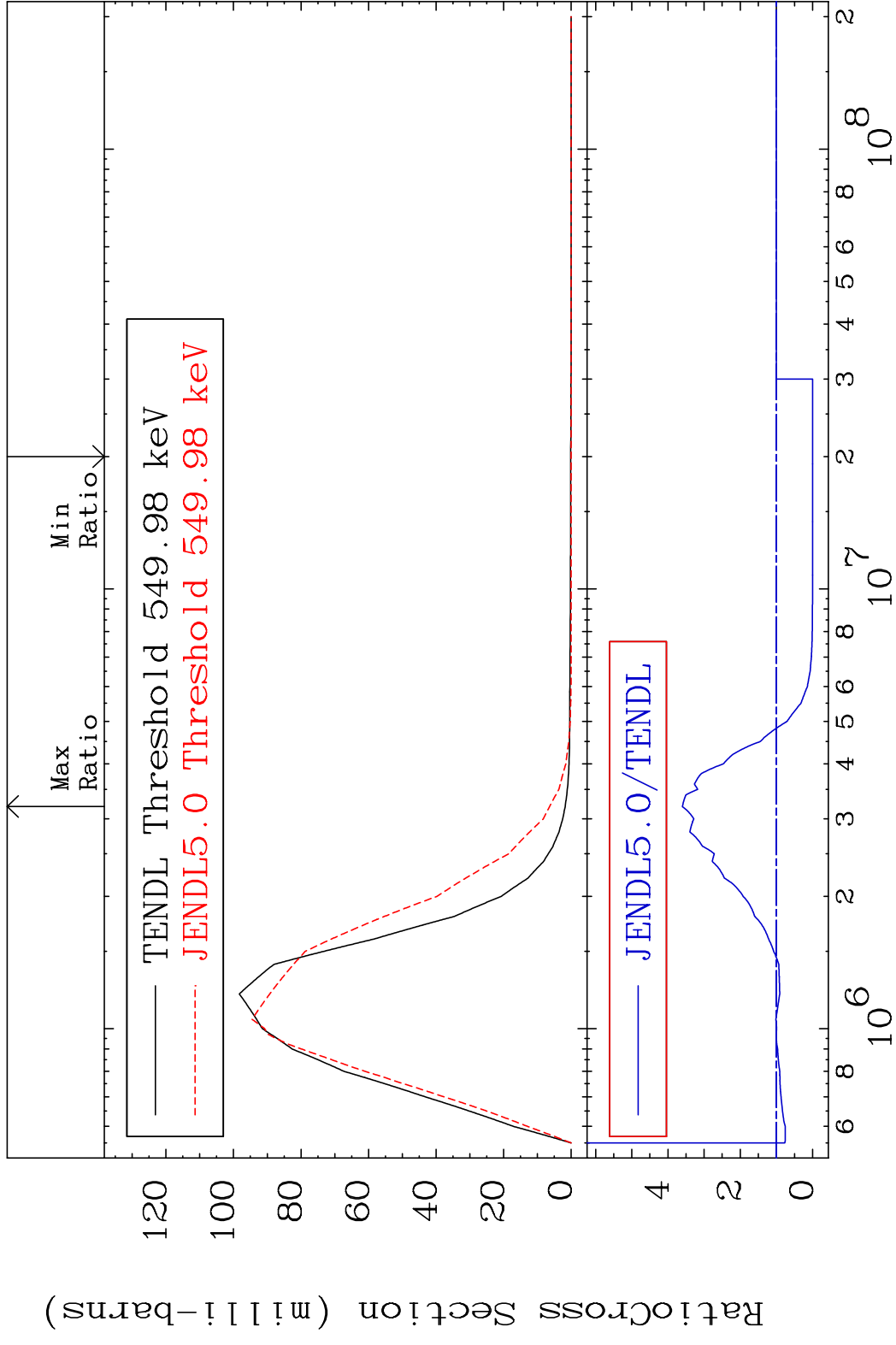


15 Incident Energy (eV) 75-Re-185

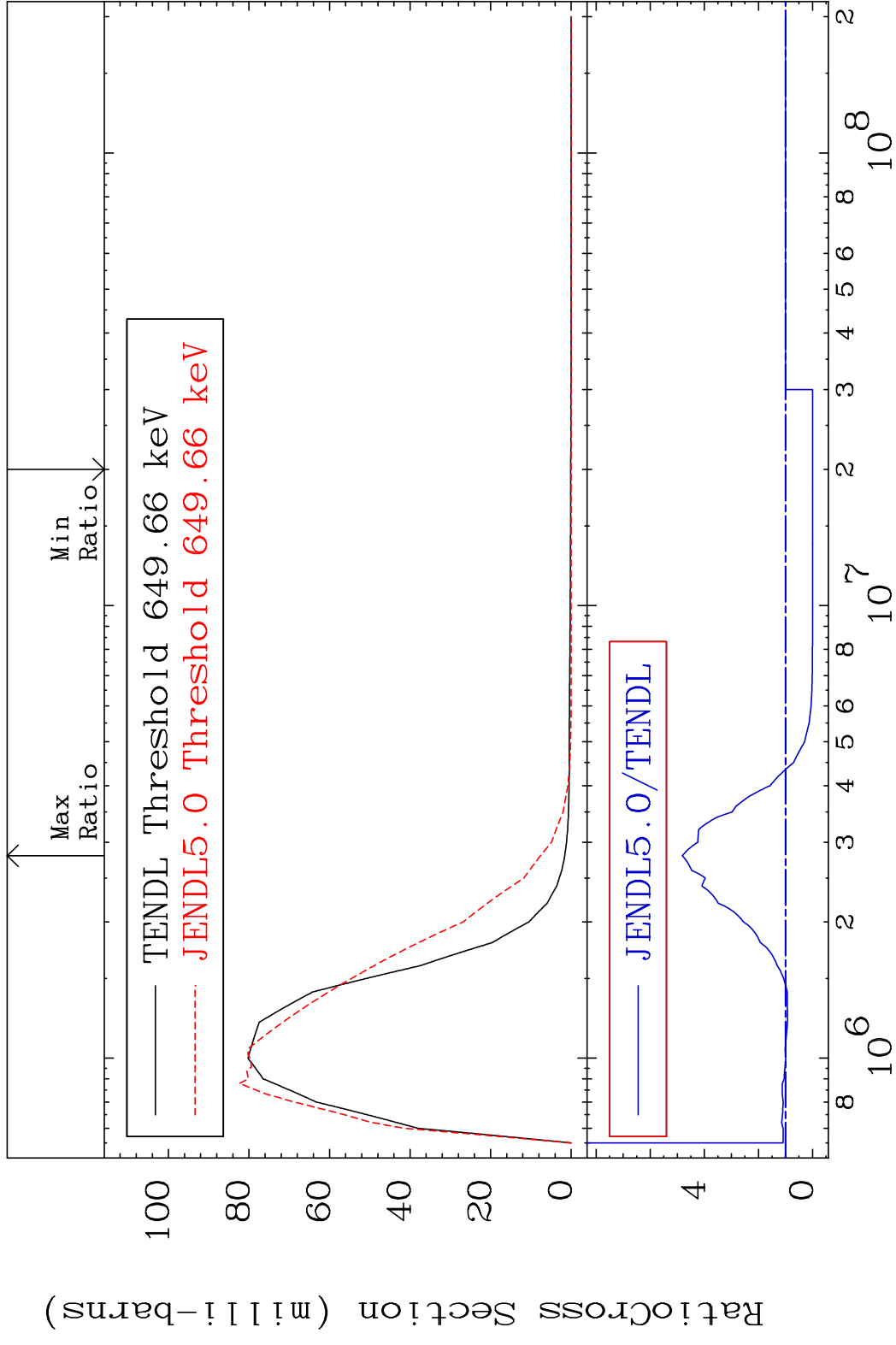
MAT 7525 MT= 54 (n, n') Level 75-Re-185
 Cross Section -100.0 To 588.8 %



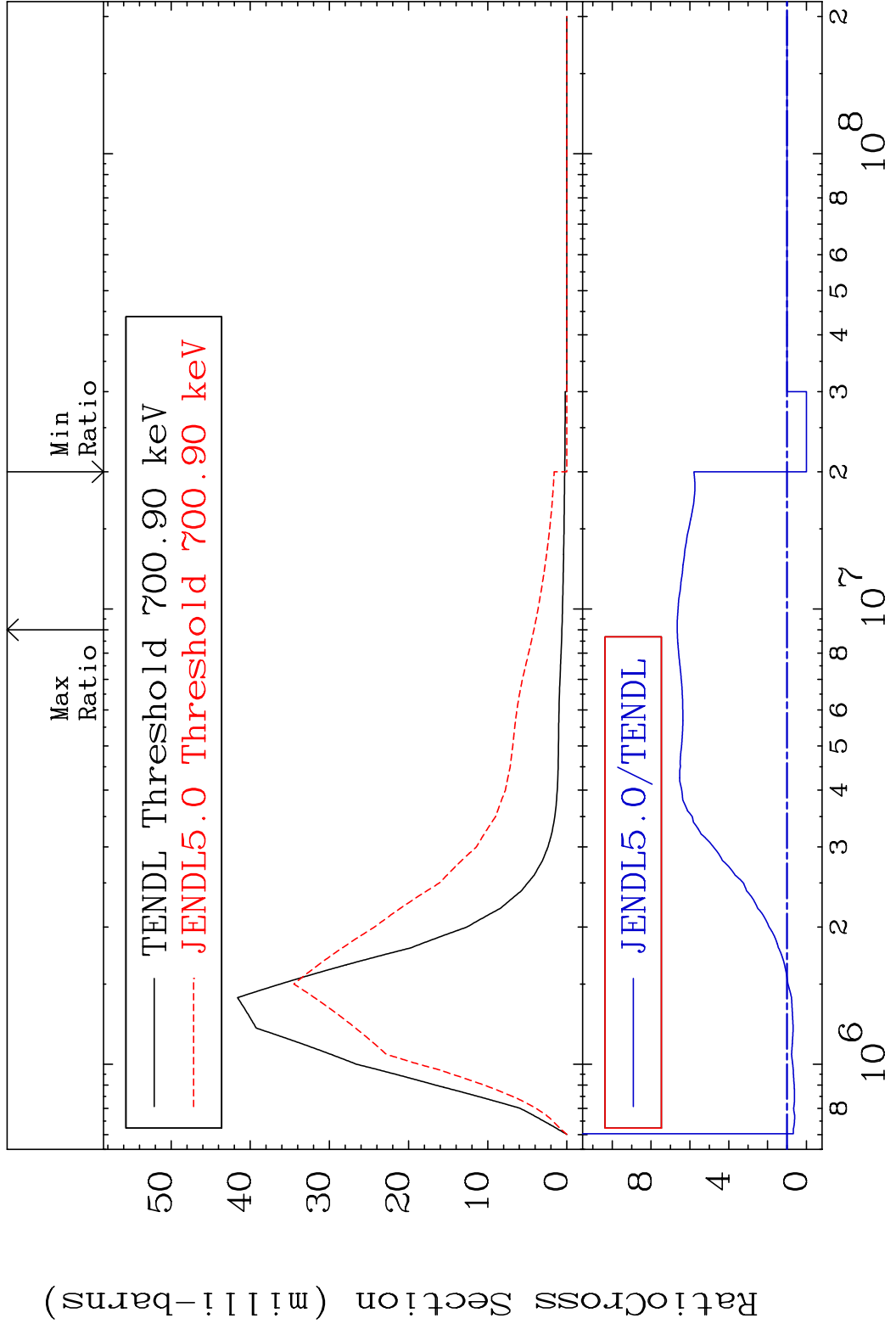
MAT 7525 MT= 55 (n, n') Level 75-Re-185
 Cross Section -100.0 To 260.1 %



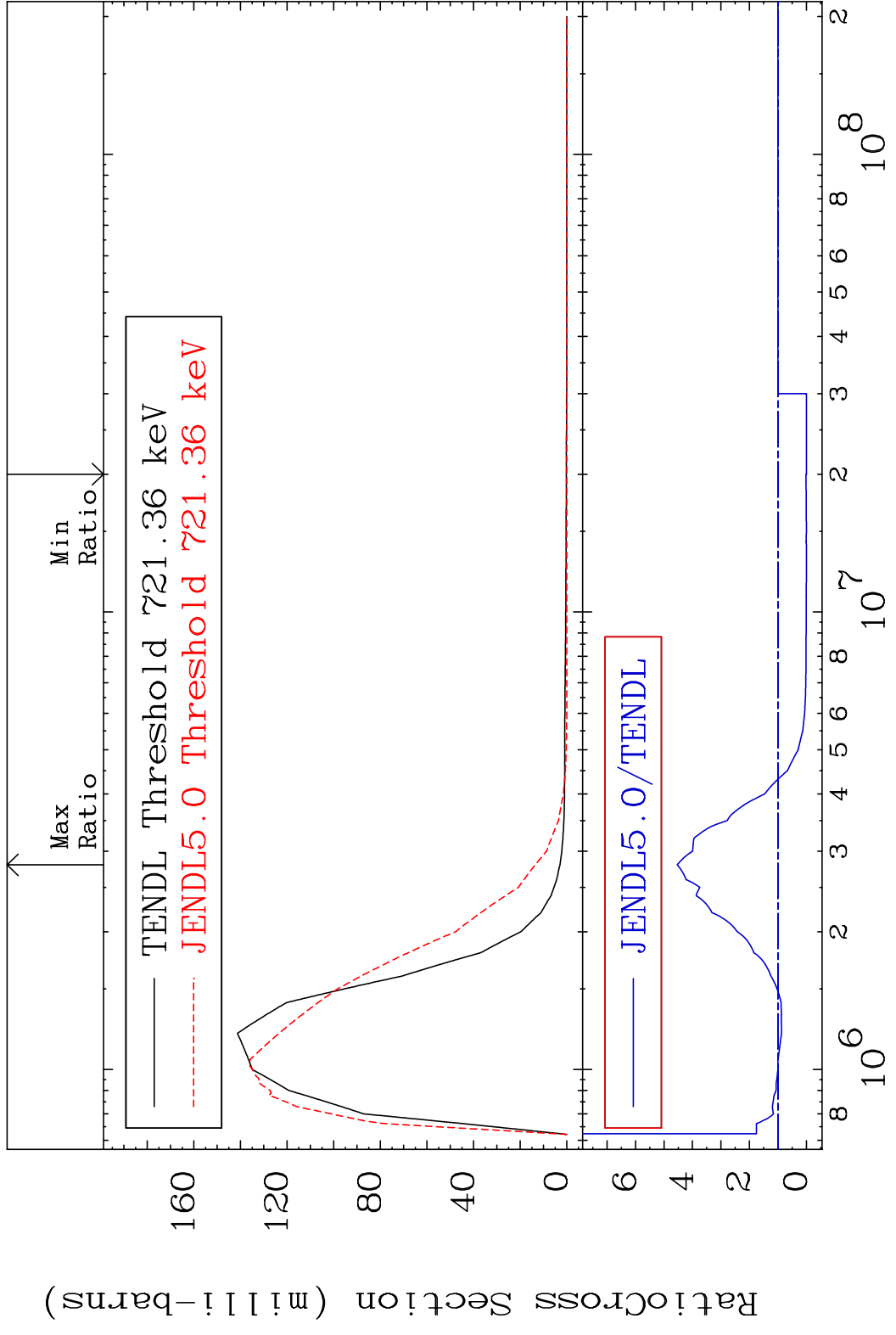
MAT 7525 MT= 56 (n, n') Level 75-Re-185
 Cross Section -100.0 To 381.3 %



MAT 7525 MT= 57 (n, n') Level 75-Re-185
 Cross Section -100.0 To 565.5 %

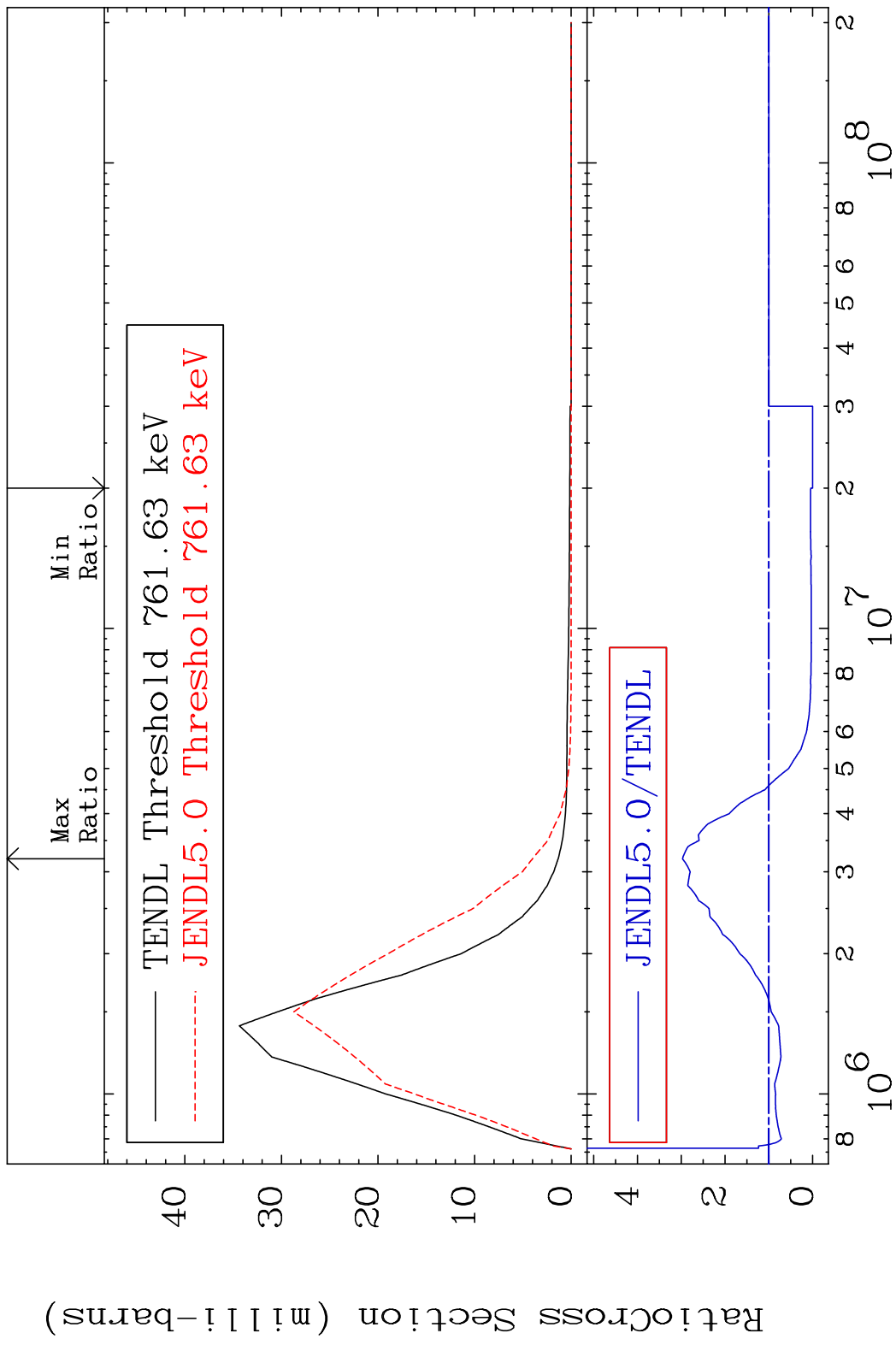


MAT 7525 MT= 58 (n, n') Level 75-Re-185
 Cross Section -100.0 To 353.7 %

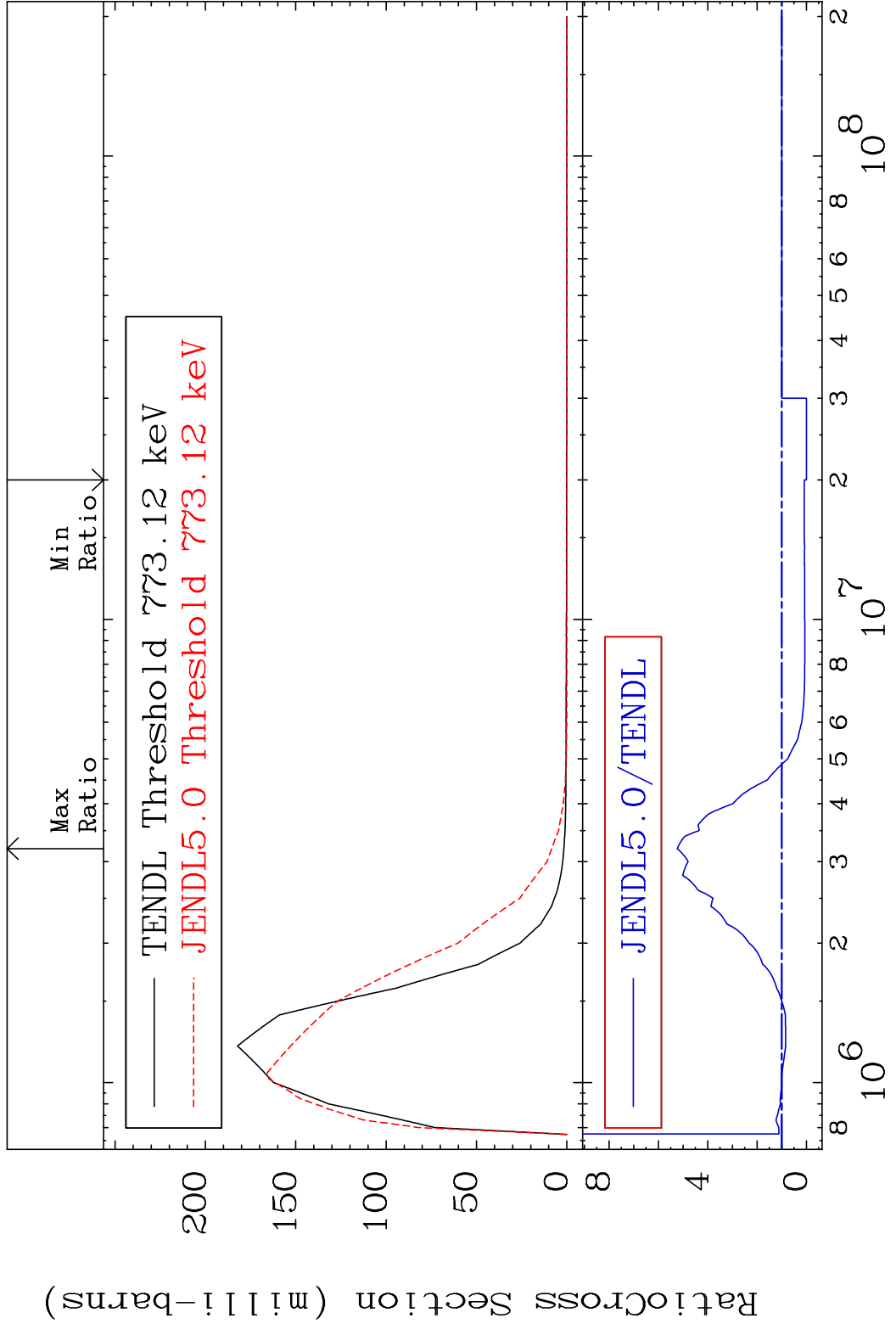


20 Incident Energy (eV) 75-Re-185

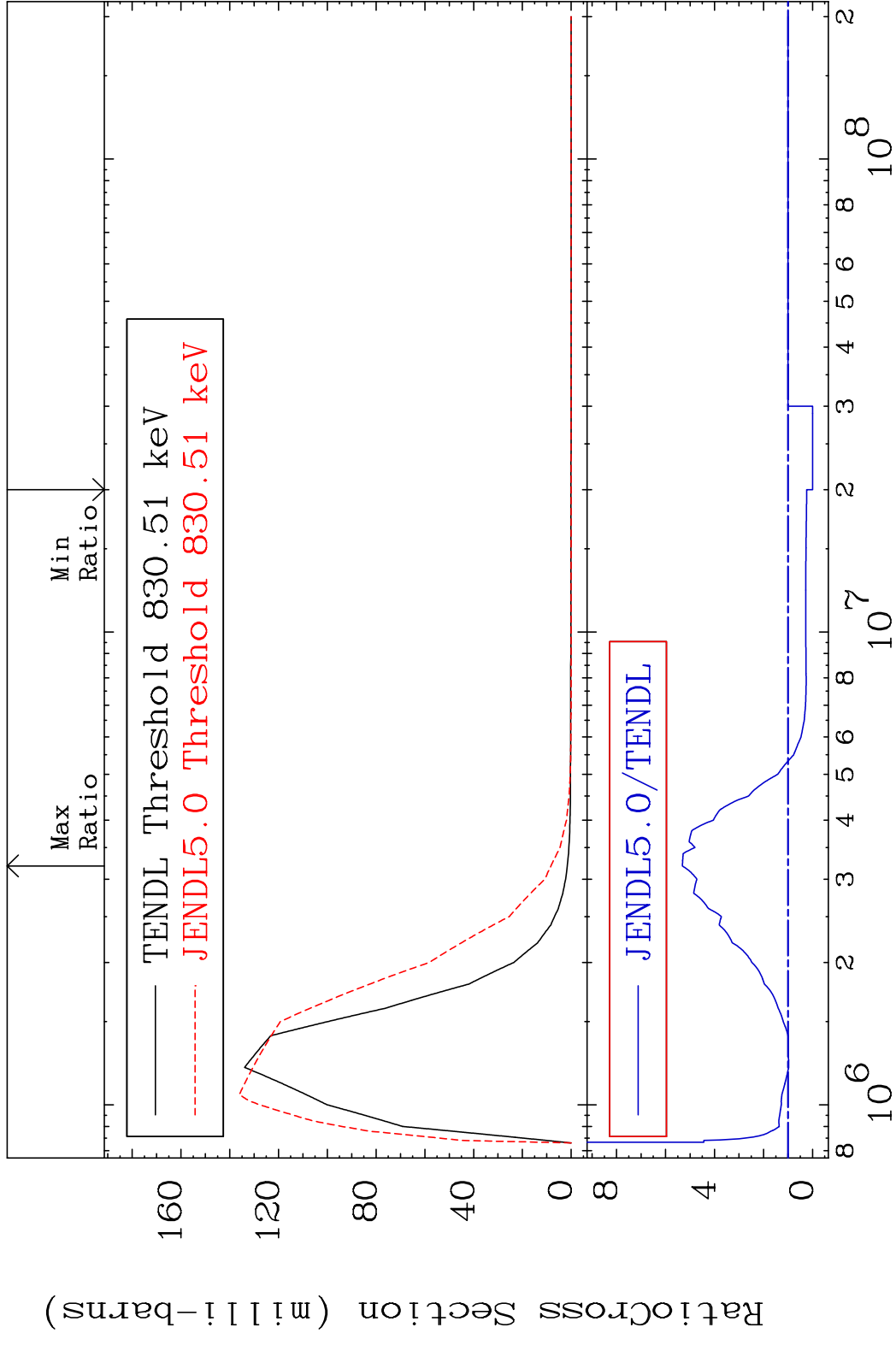
MAT 7525 MT= 59 (n, n') Level 75-Re-185
 Cross Section -100.0 To 197.5 %



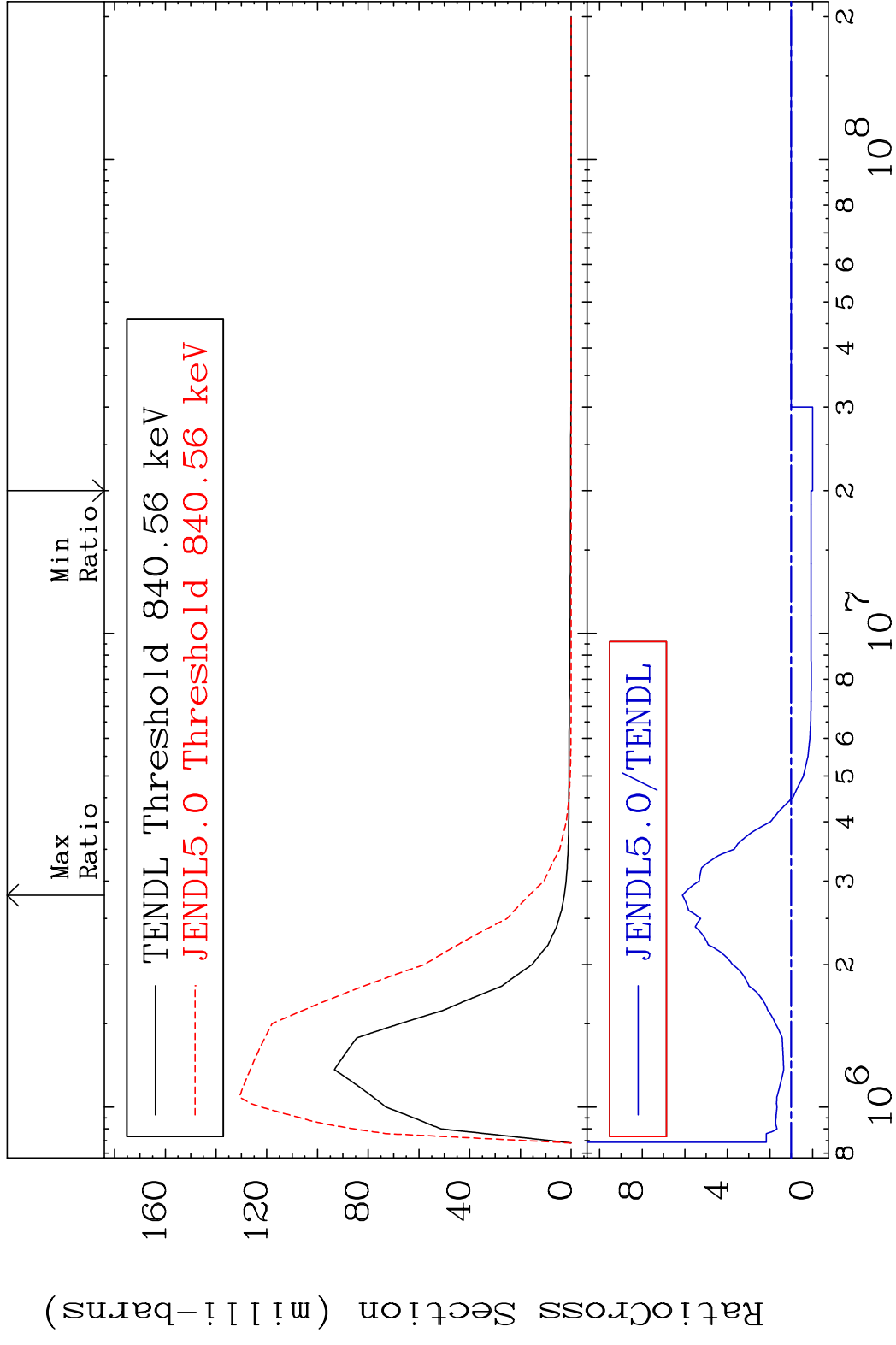
MAT 7525 MT= 60 (n, n') Level 75-Re-185
 Cross Section -100.0 To 423.8 %



MAT 7525 MT= 61 (n, n') Level 75-Re-185
 Cross Section -100.0 To 431.4 %

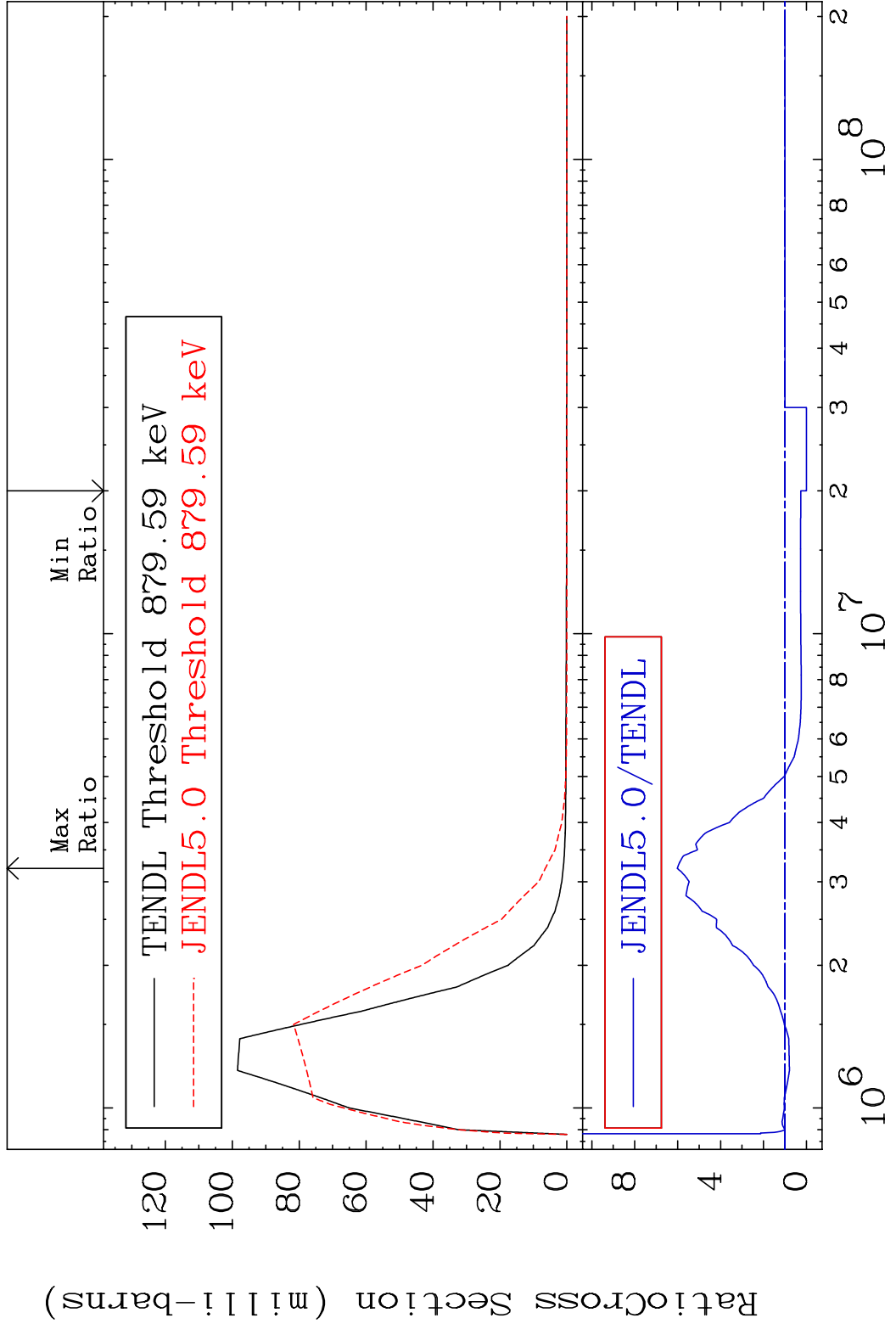


MAT 7525 MT= 62 (n, n') Level 75-Re-185
 Cross Section -100.0 To 511.6 %



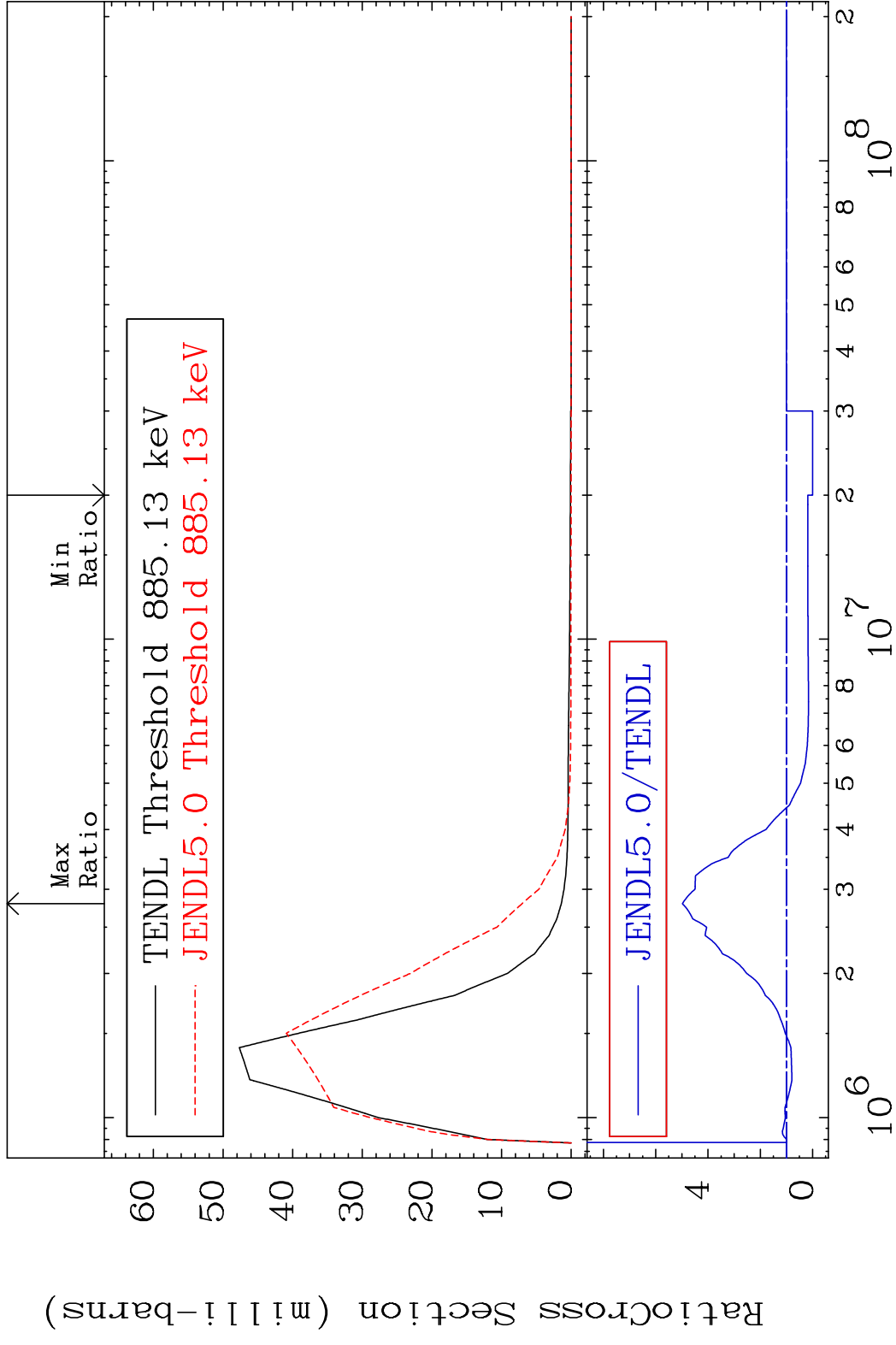
24 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 63 (n, n') Level 75-Re-185
 Cross Section -100.0 To 502.1 %



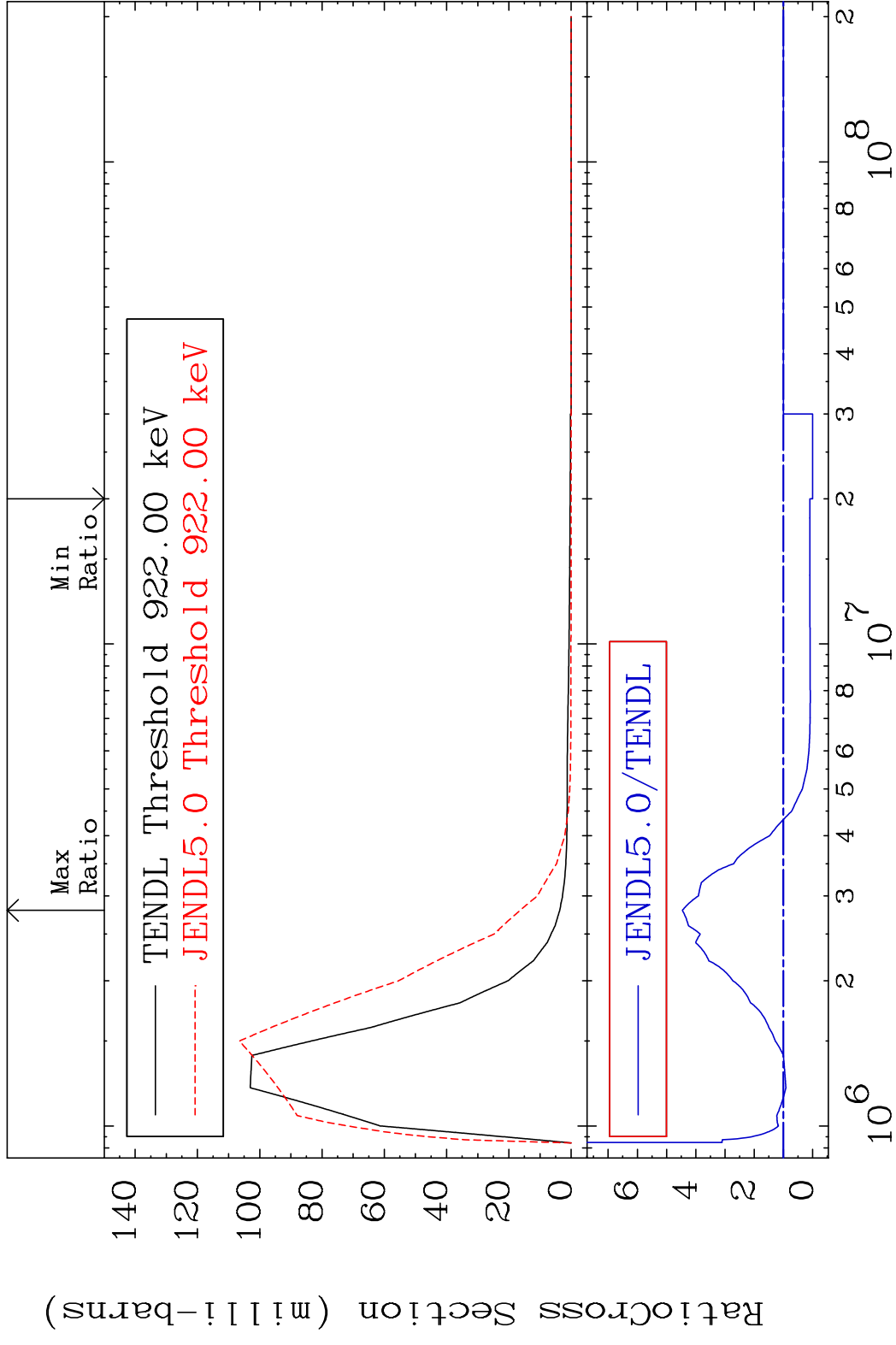
25 75-Re-185

MAT 7525 MT= 64 (n, n') Level 75-Re-185
 Cross Section -100.0 To 398.1 %

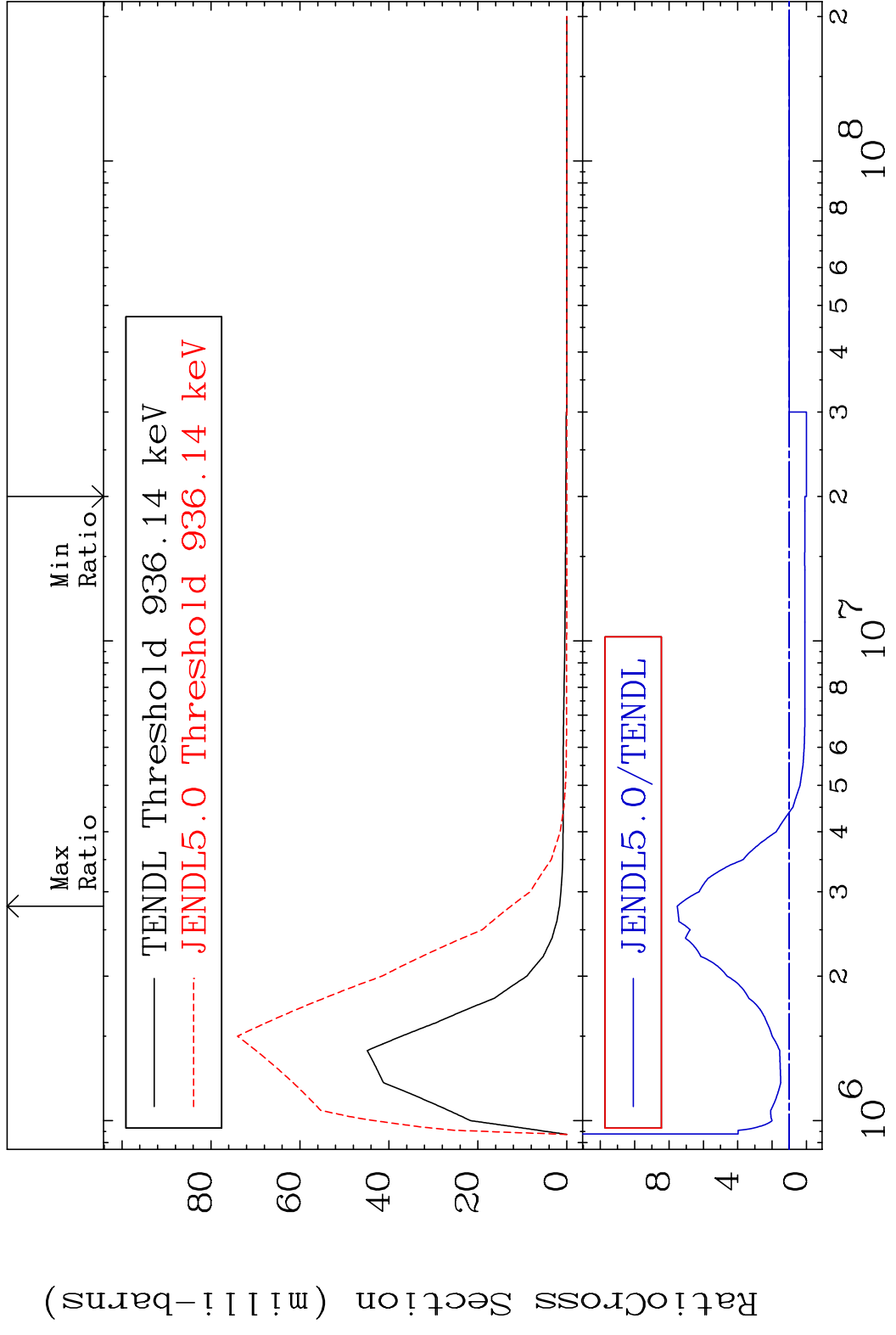


26 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 65 (n, n') Level 75-Re-185
 Cross Section -100.0 To 345.9 %

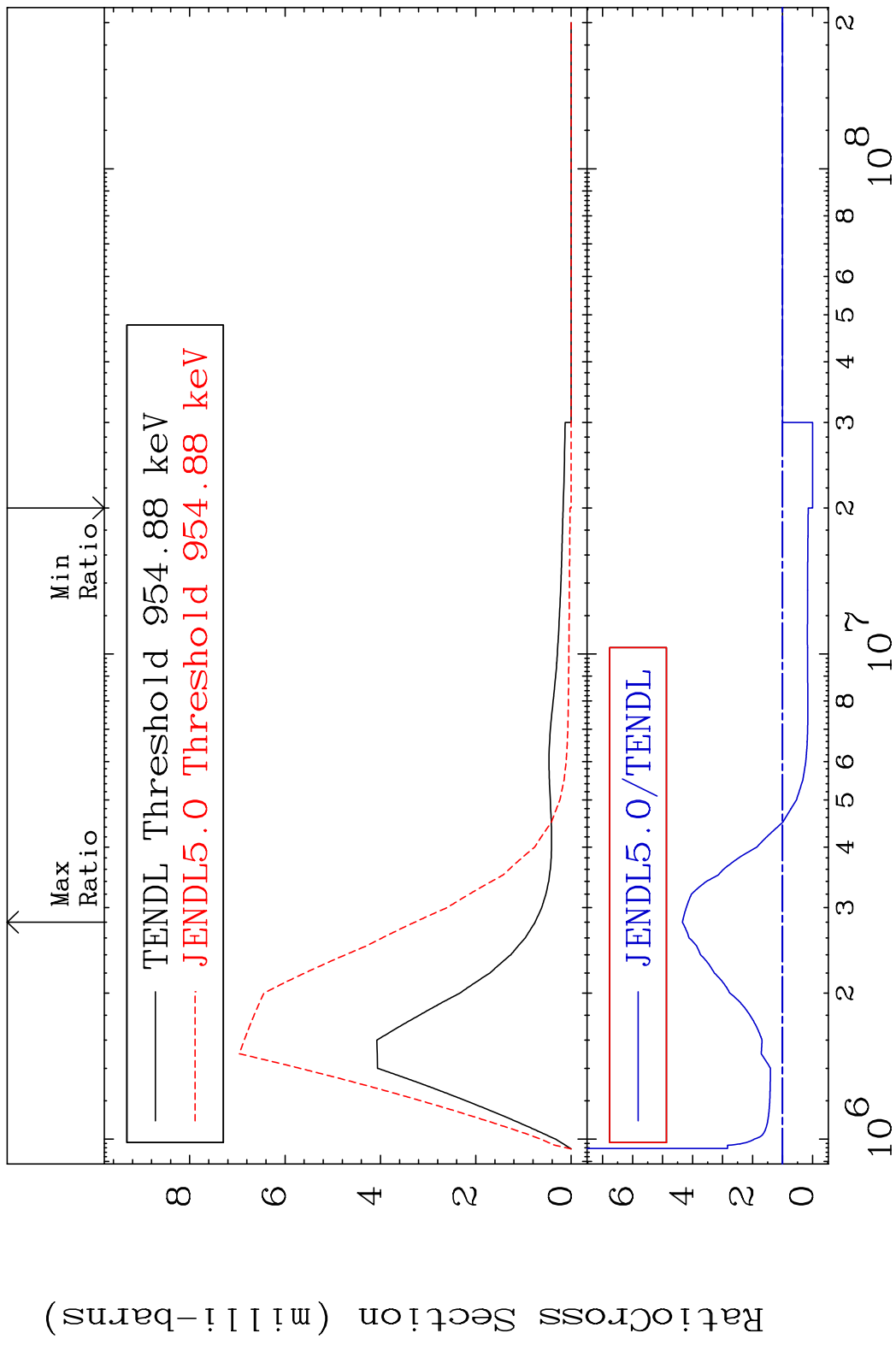


MAT 7525 MT= 66 (n, n') Level 75-Re-185
 Cross Section -100.0 To 652.6 %



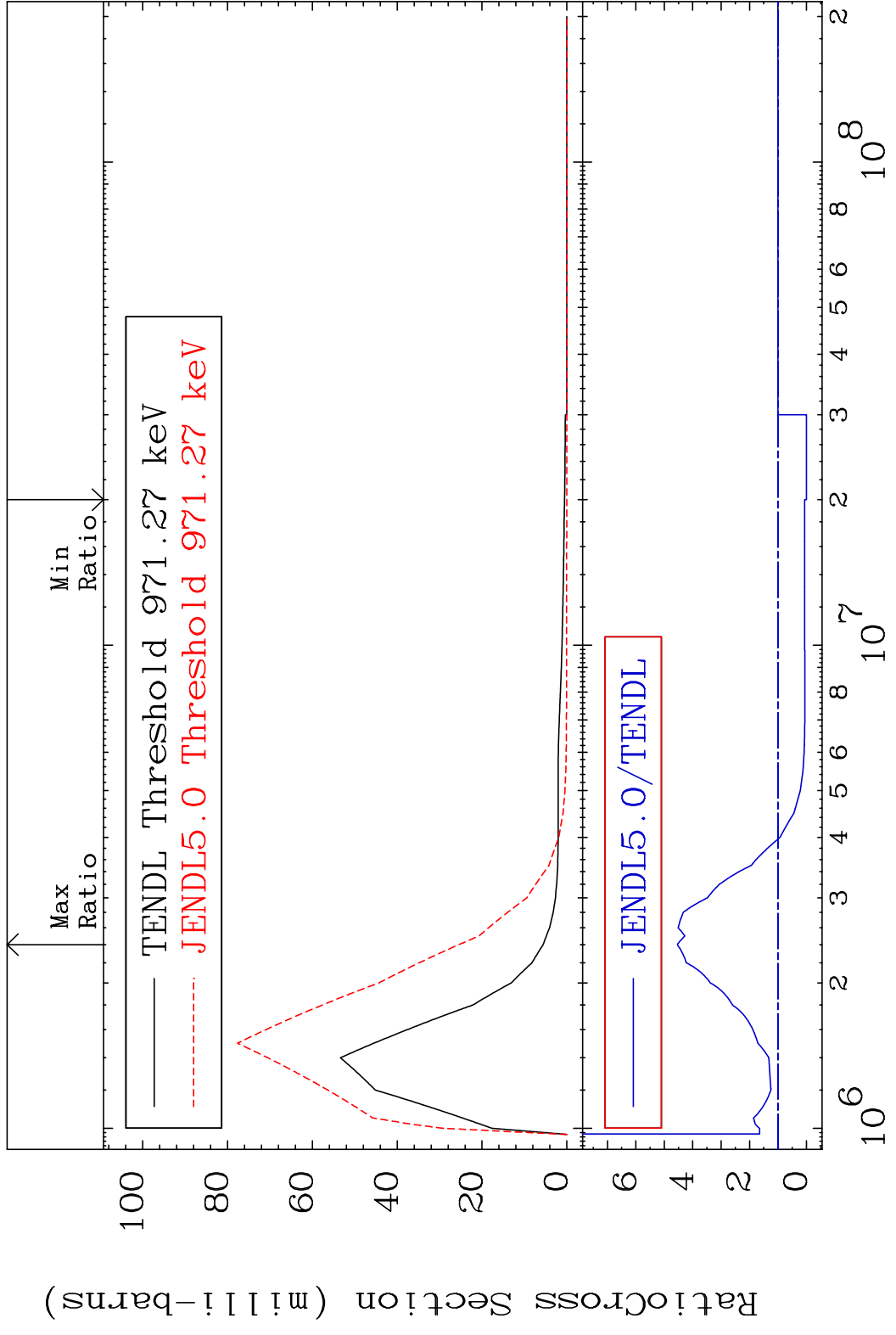
28 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 67 (n, n') Level 75-Re-185
 Cross Section -100.0 To 334.2 %



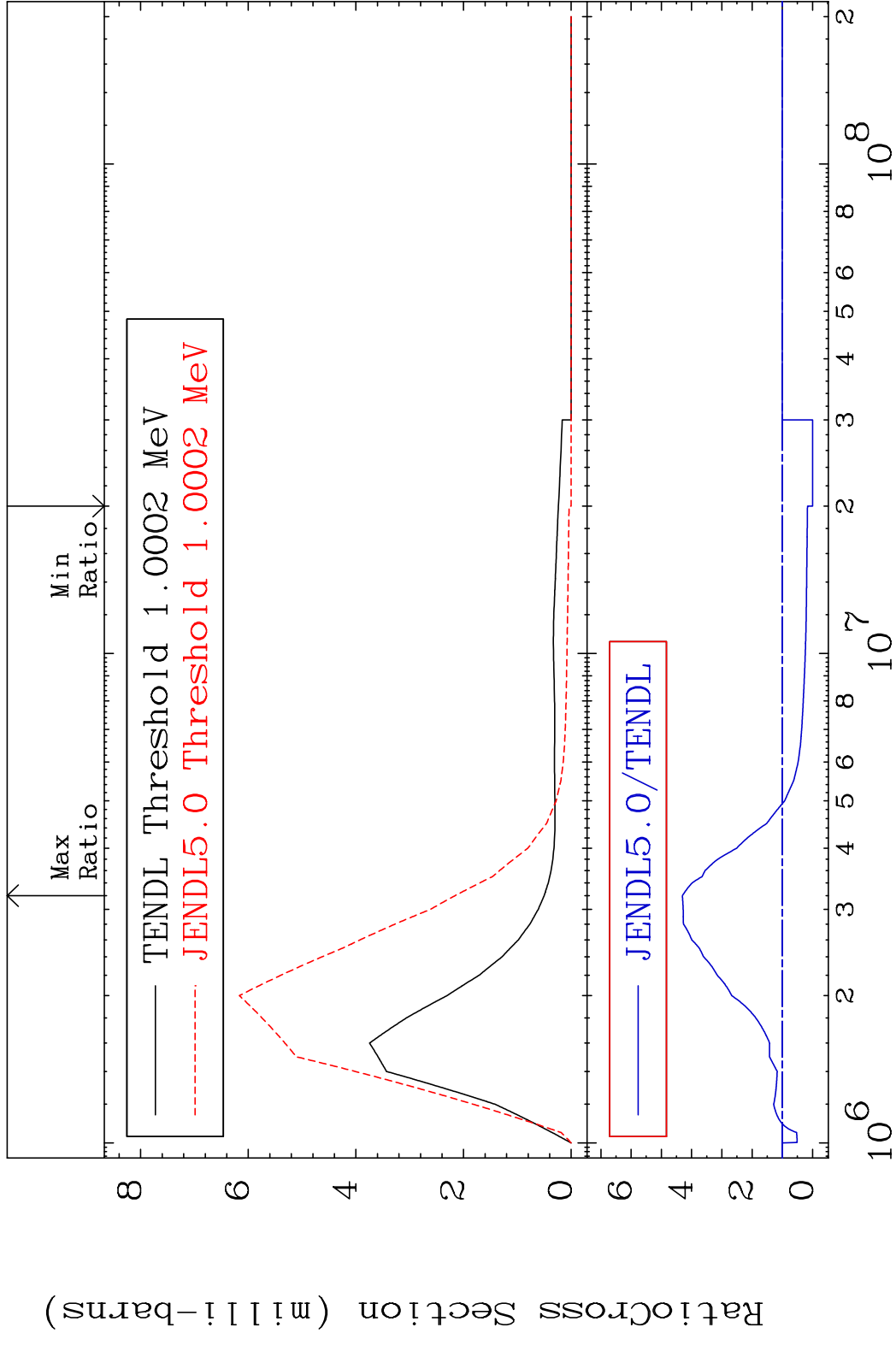
29 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 68 (n, n') Level 75-Re-185
 Cross Section -100.0 To 354.6 %

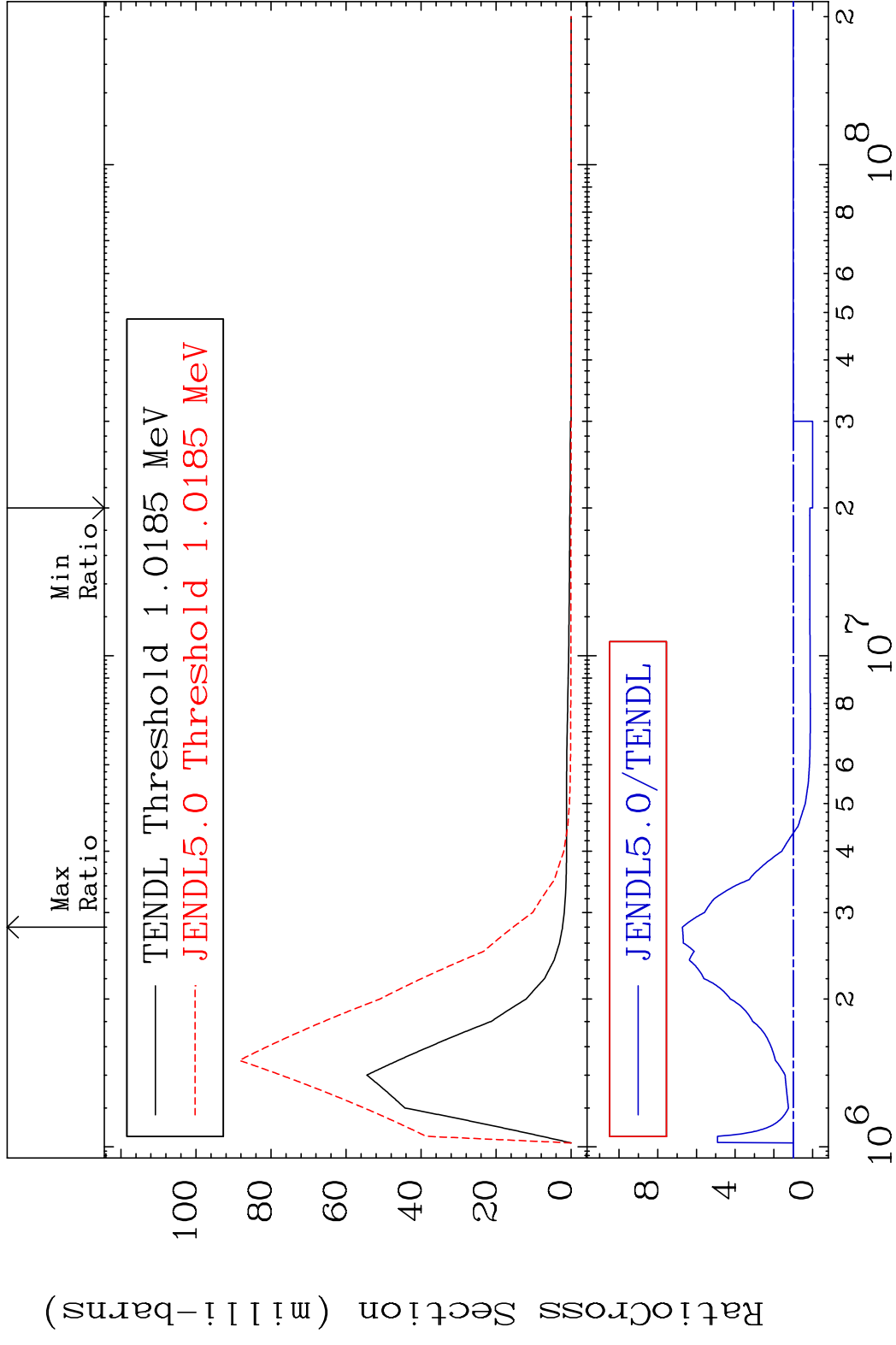


30 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 69 (n, n') Level 75-Re-185
 Cross Section -100.0 To 330.6 %

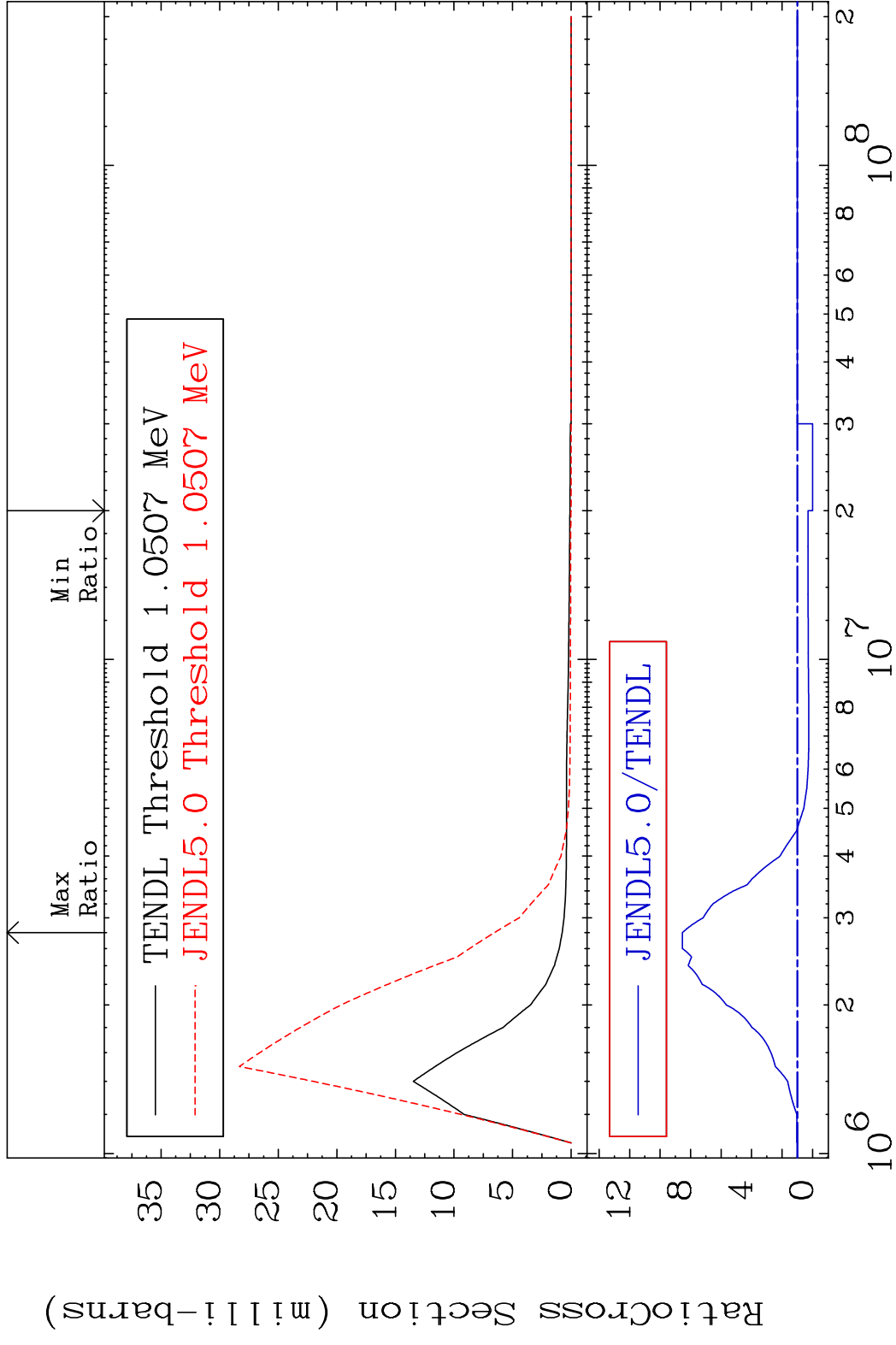


MAT 7525 MT= 70 (n, n') Level 75-Re-185
 Cross Section -100.0 To 572.7 %



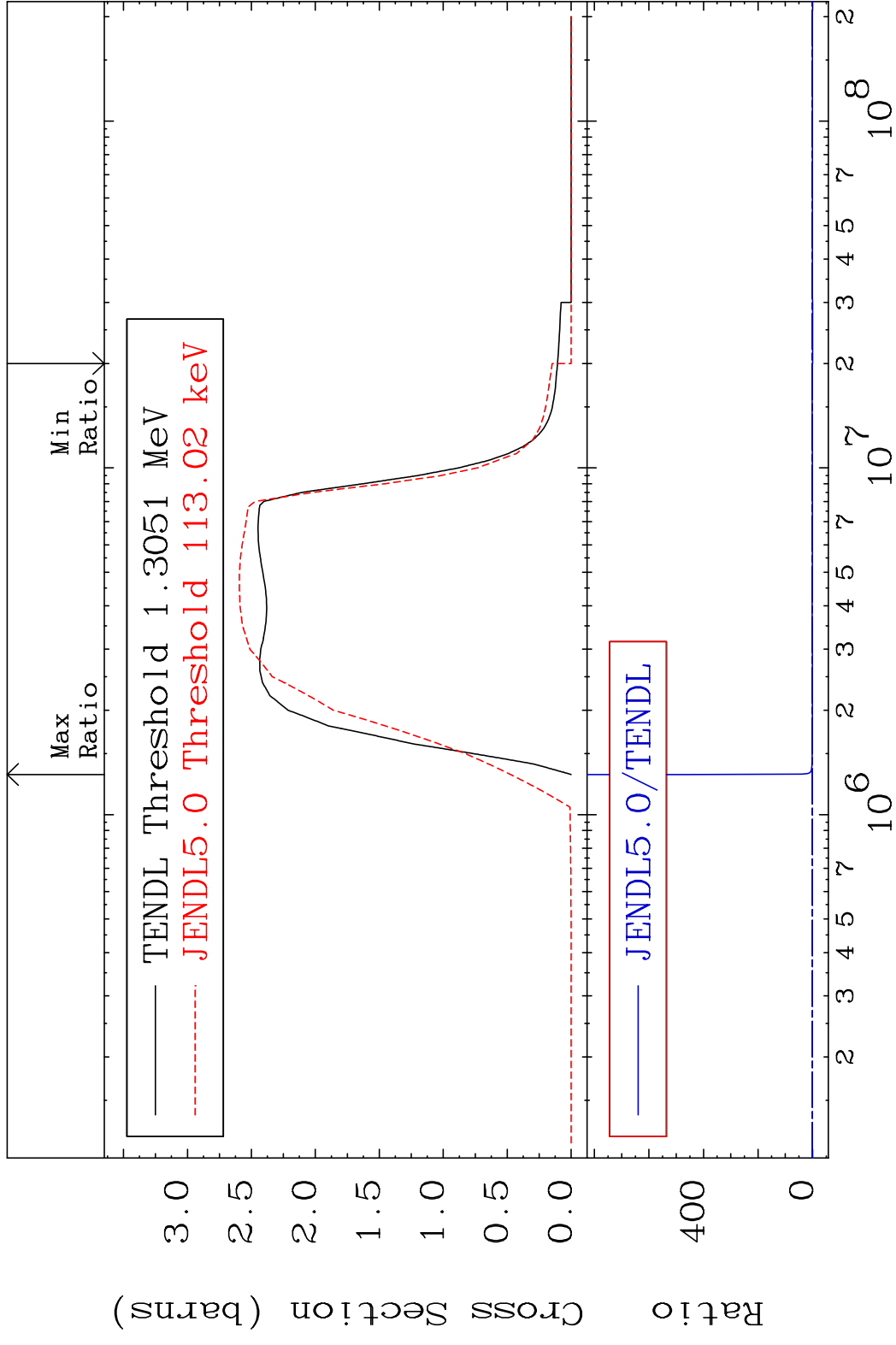
32 Incident Energy (eV) 75-Re-185

MAT 7525 MT= 71 (n, n') Level 75-Re-185
 Cross Section -100.0 To 754.0 %



33 Incident Energy (eV) 75-Re-185

MAT 7525 (n, n') Continuum 75-Re-185
 Cross Section -100.0 To 9999. %

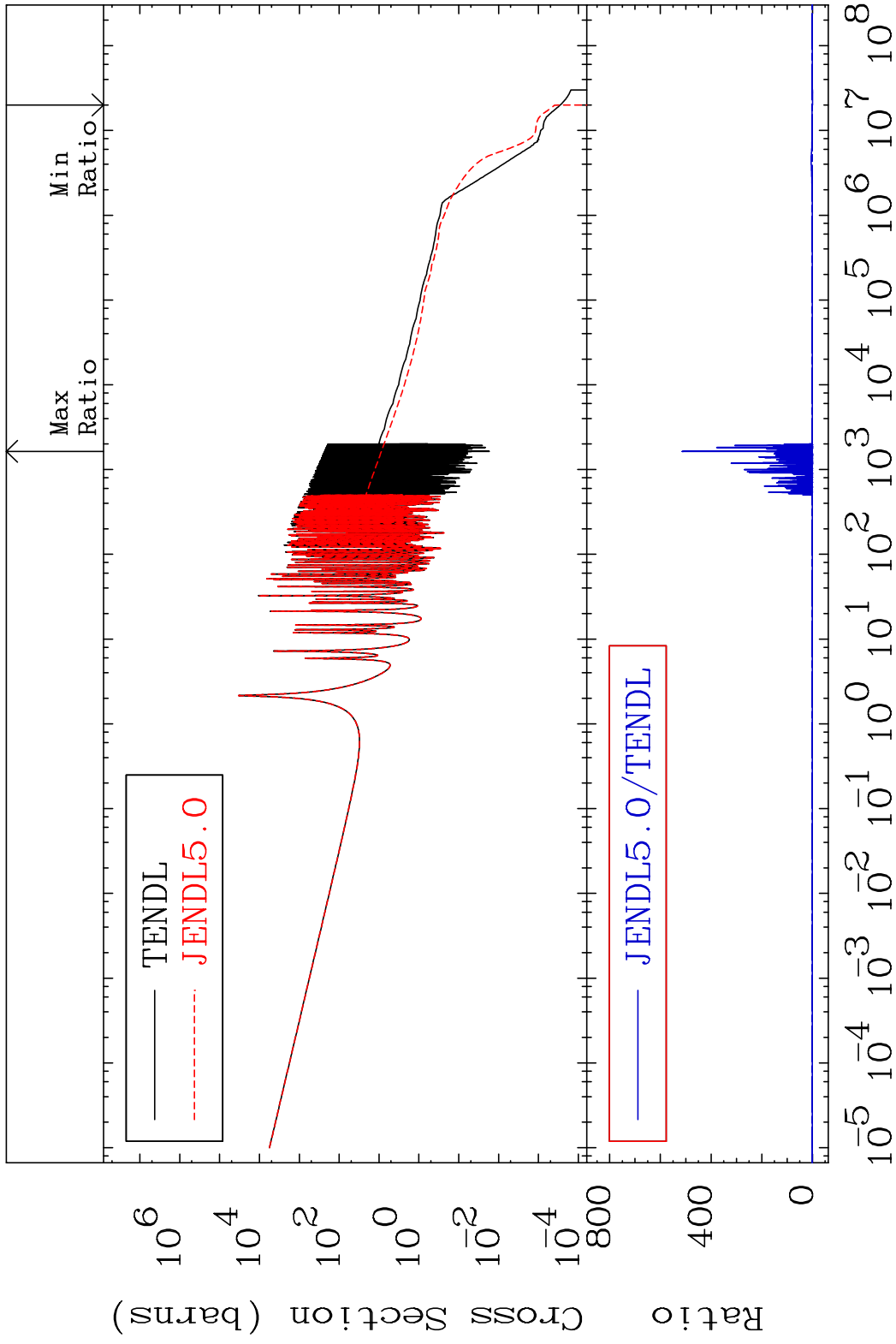


MAT 7525

(n, γ)

75-Re-185

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

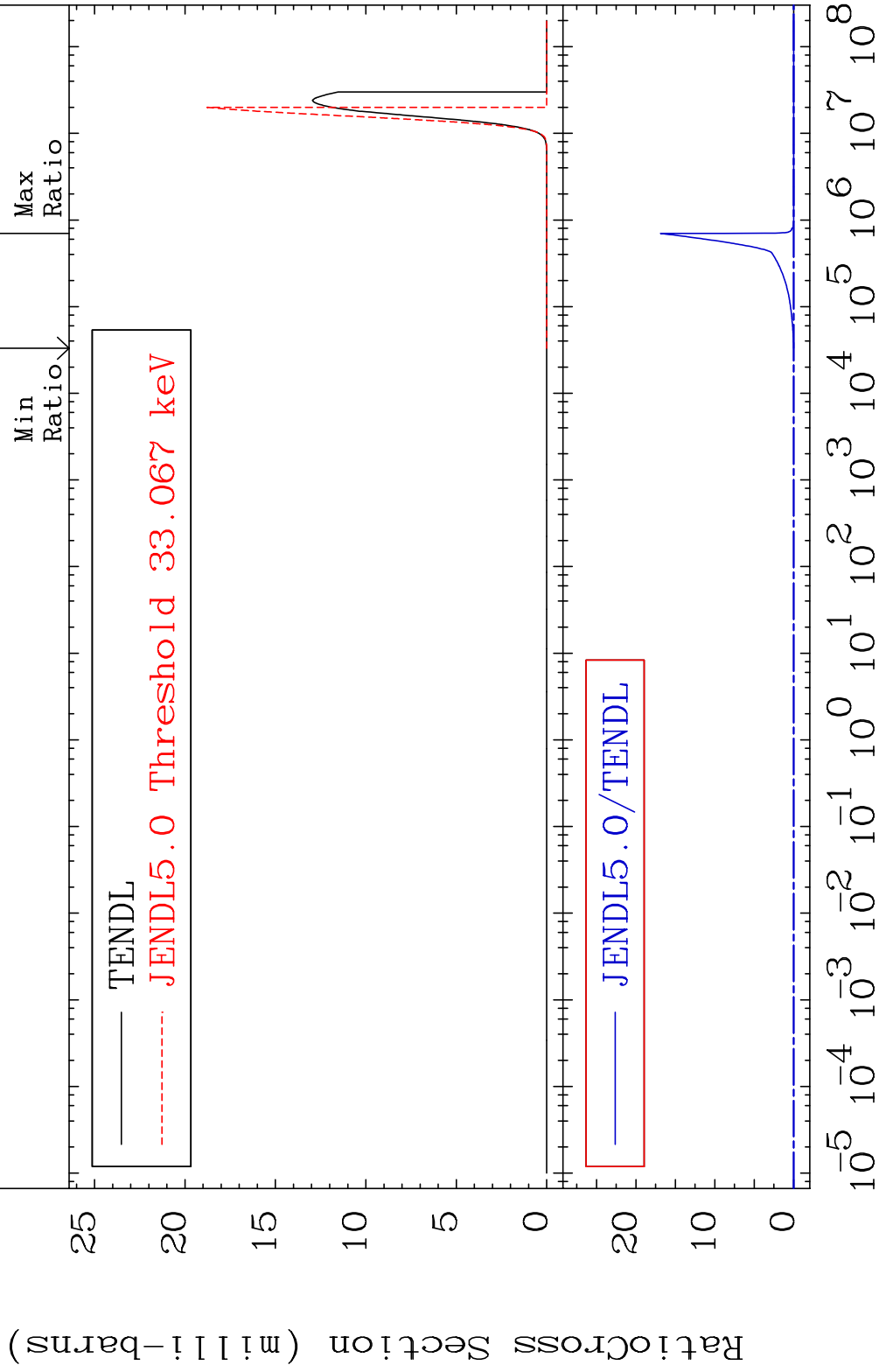
75-Re-185

MAT 7525

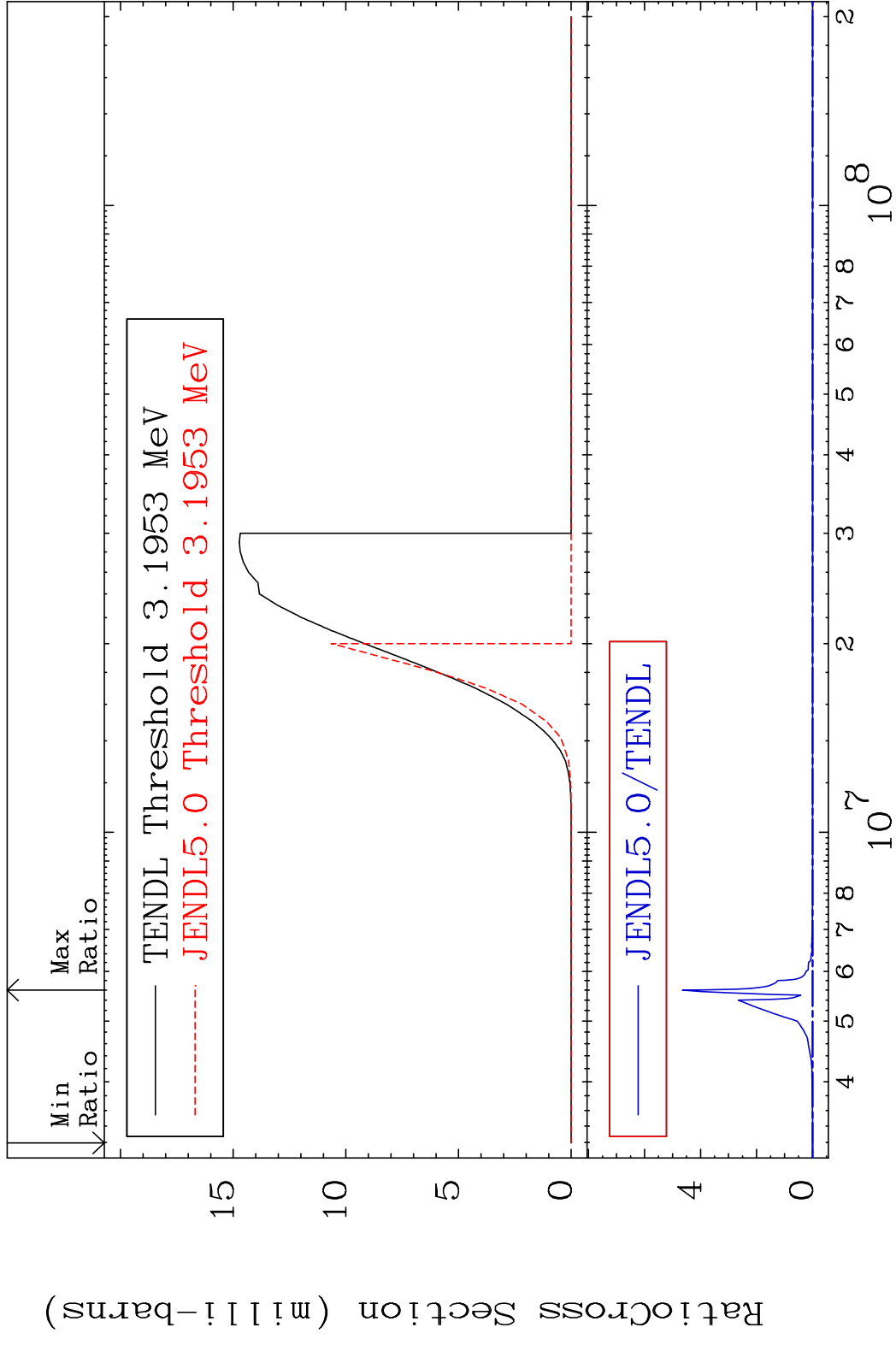
(n, p)

75-Re-185

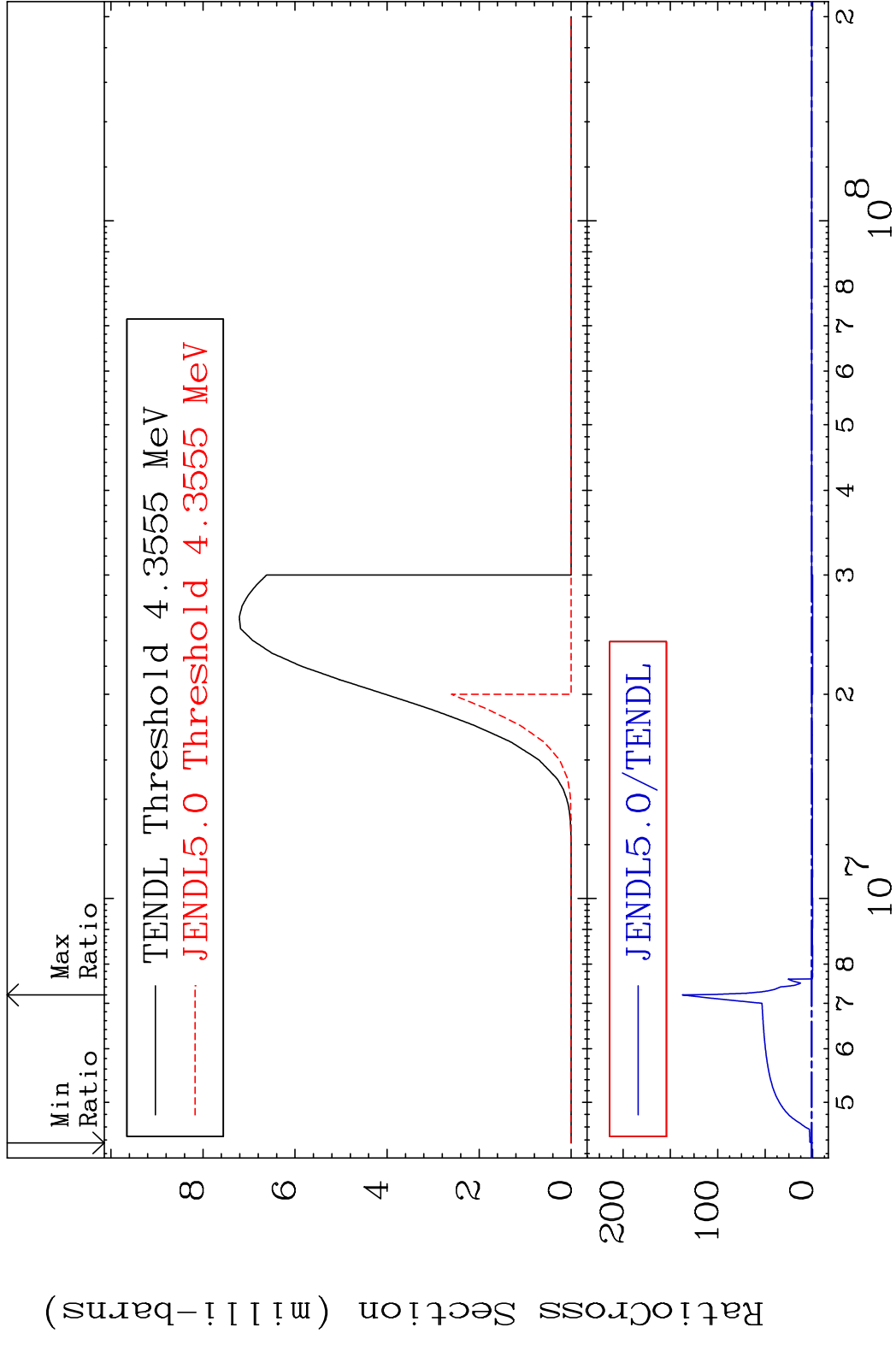
Cross Section -100.0 To 9999. %

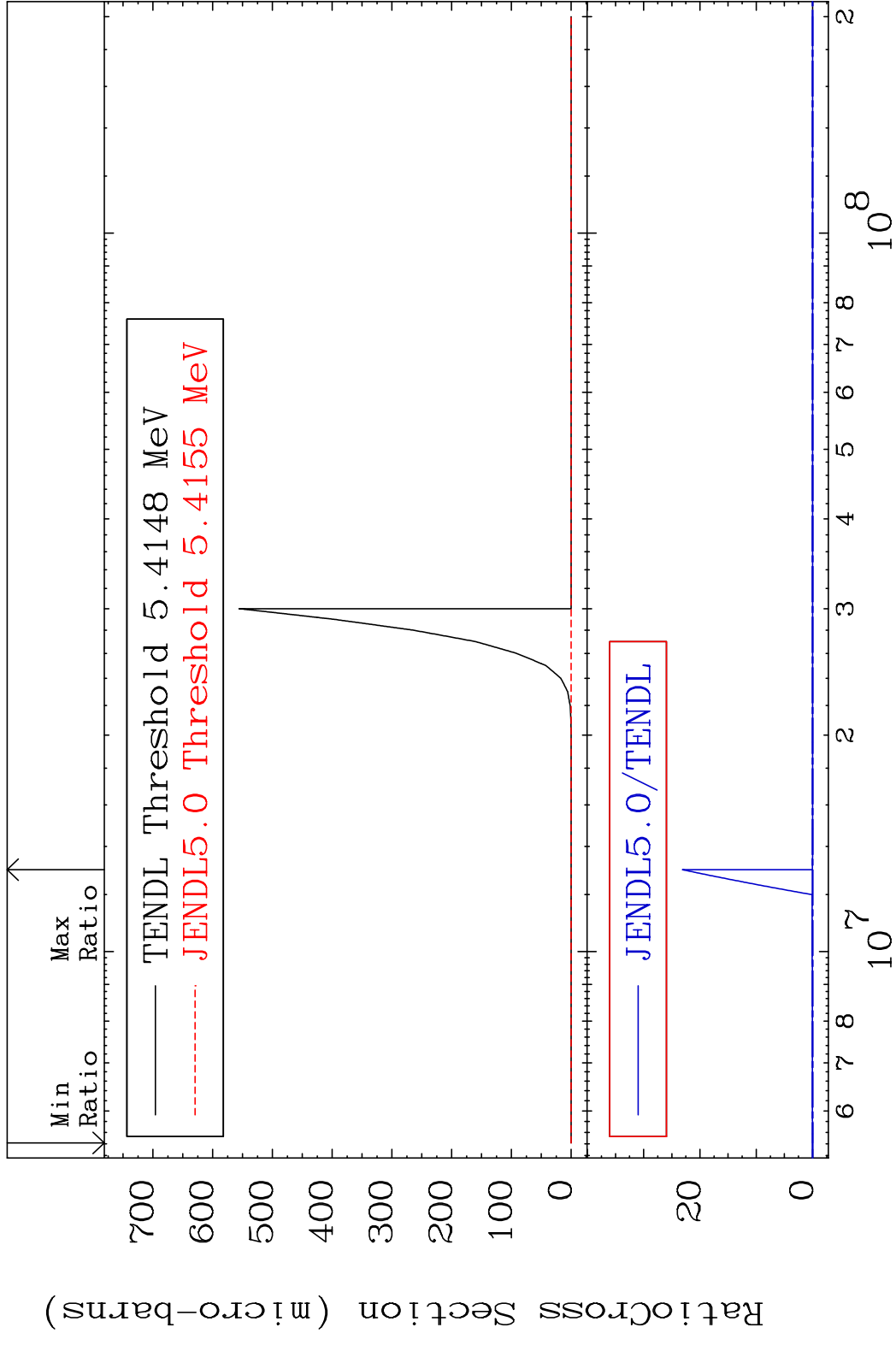


MAT 7525 (n,d) 75-Re-185
 Cross Section -100.0 To 9999. %



MAT 7525 (n, t) 75-Re-185
 Cross Section -100.0 To 9999. %



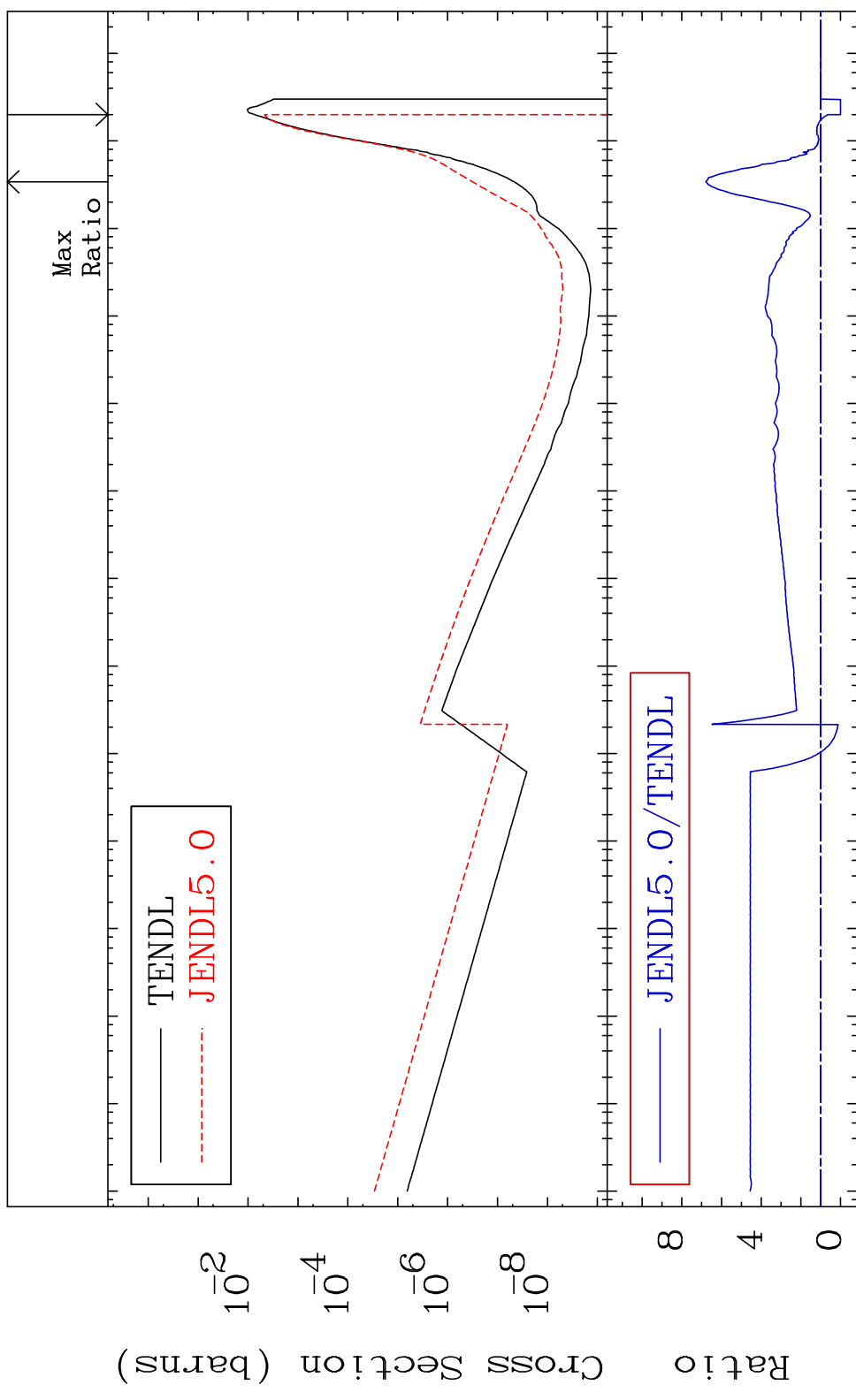


MAT 7525

(n, α)

75-Re-185

Cross Section -100.0 To 579.3 %



40

Incident Energy (eV)

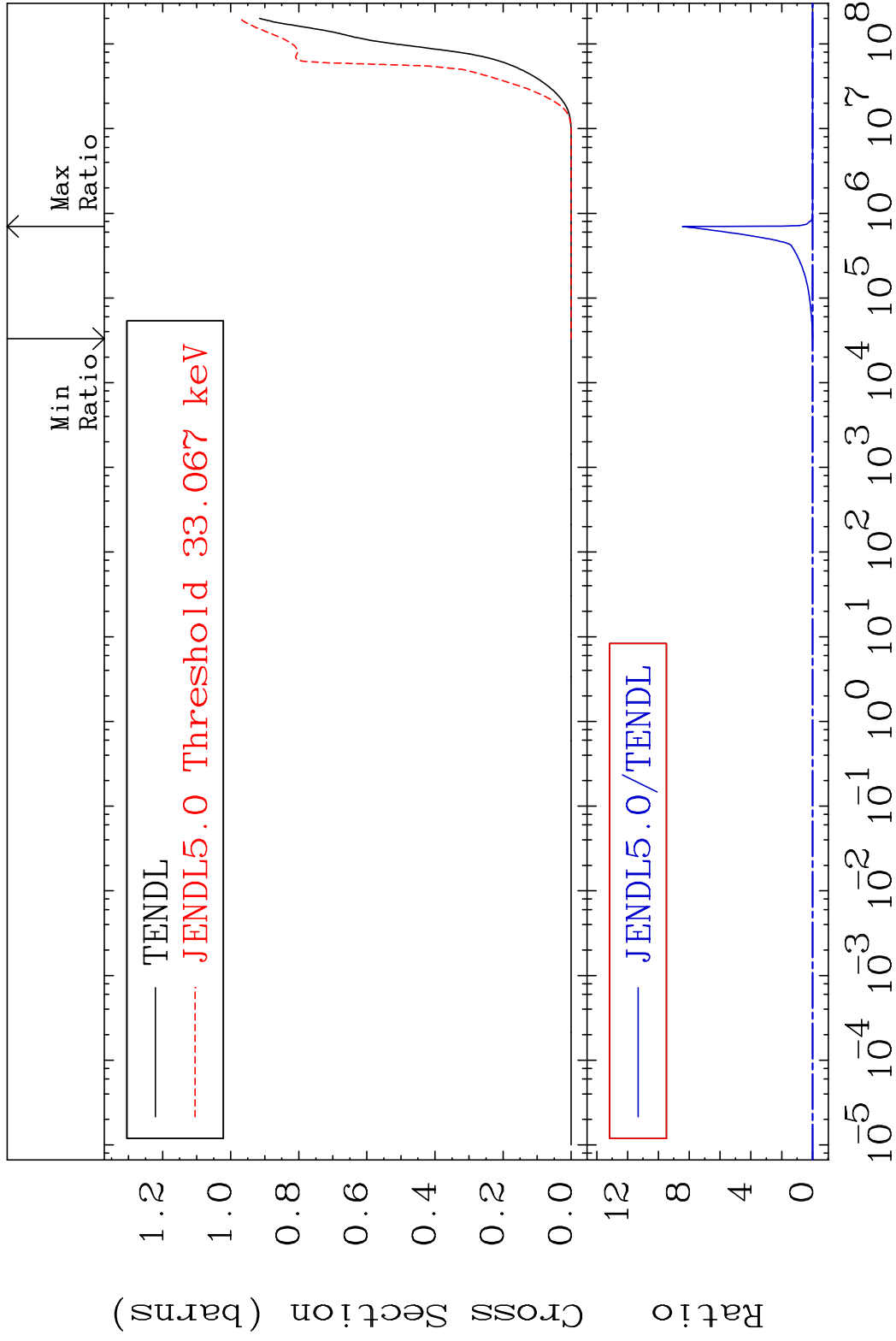
75-Re-185

MAT 7525

Hydrogen Production

75-Re-185

Cross Section -100.0 To 9999. %

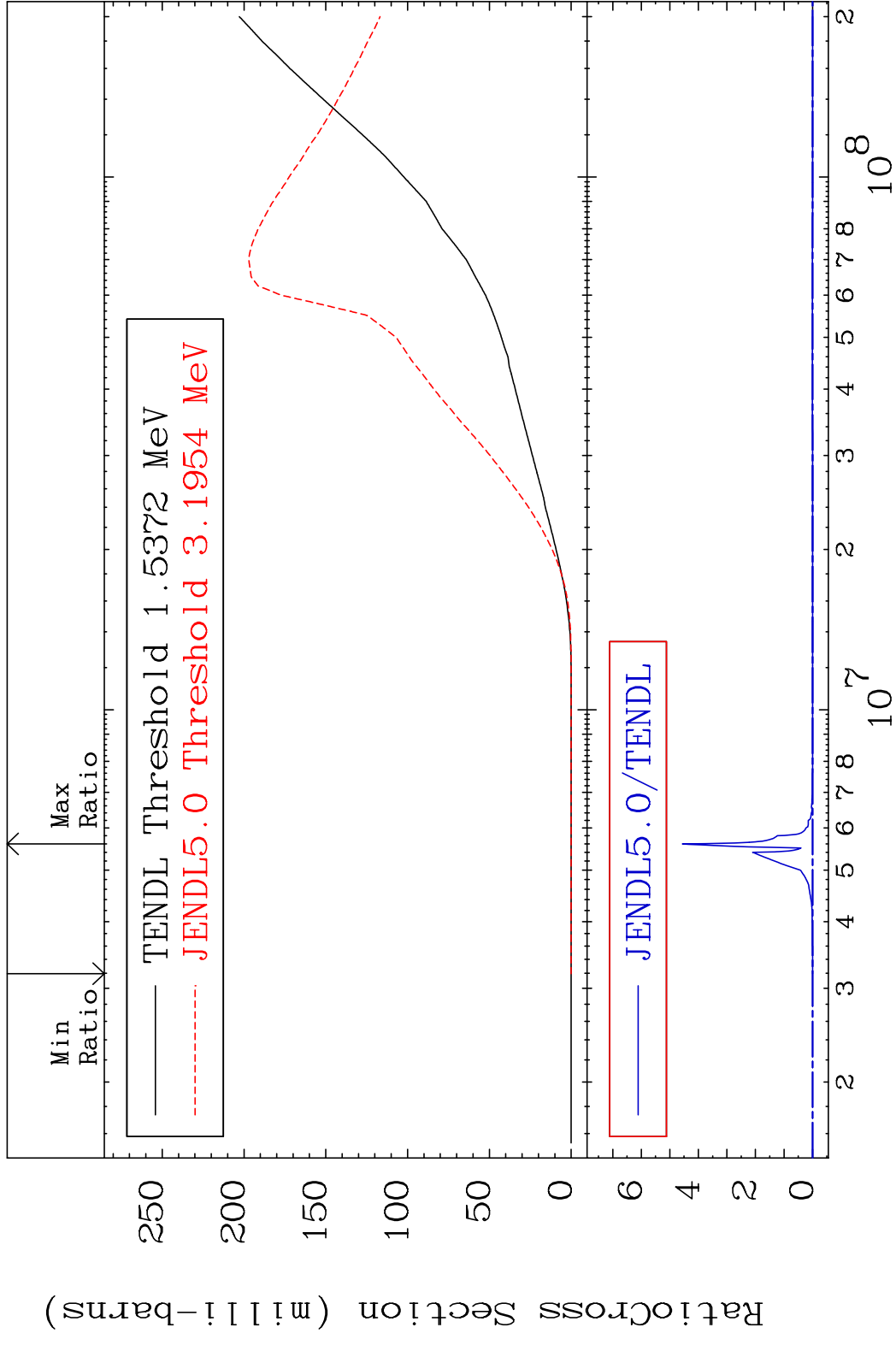


41

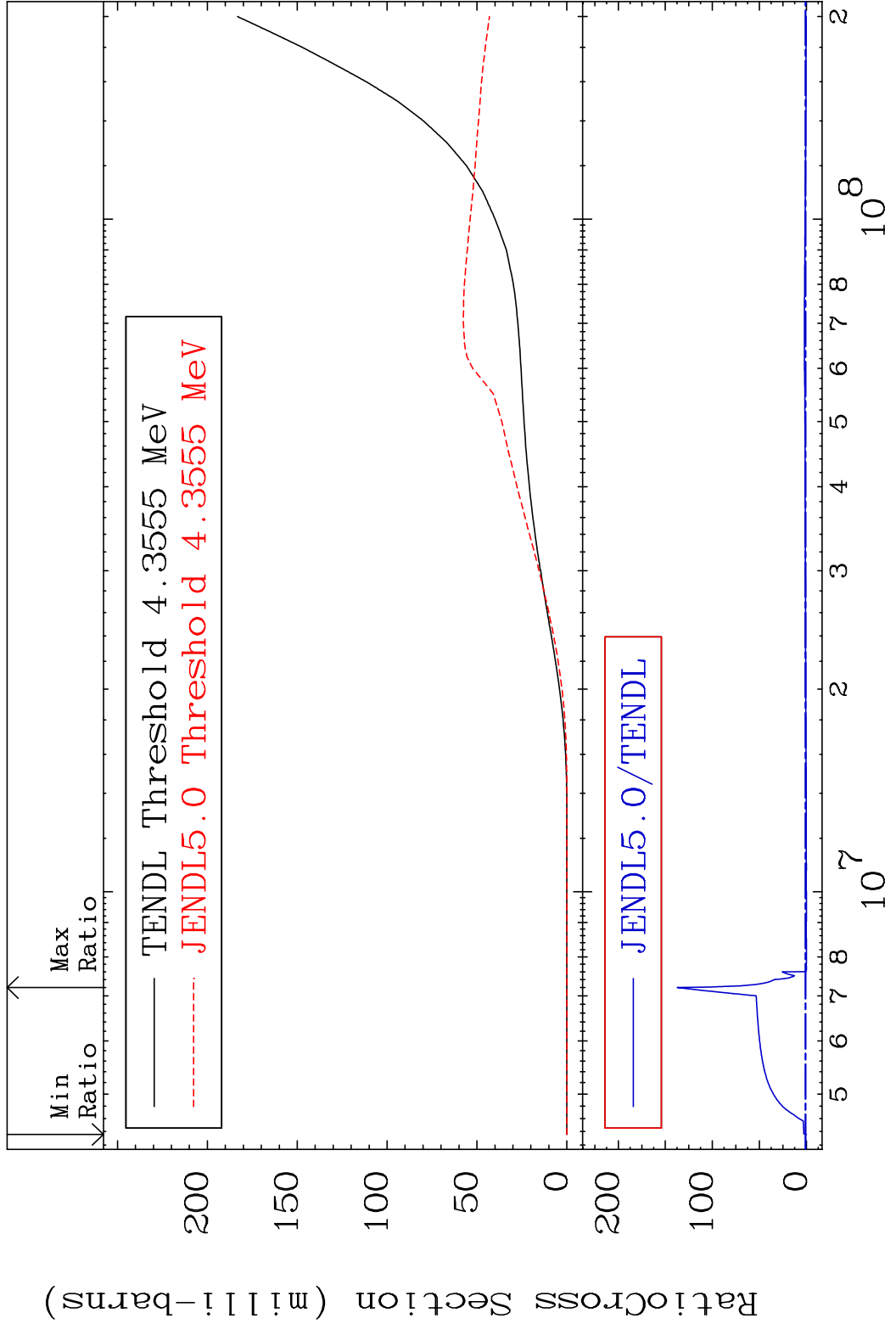
Incident Energy (eV)

75-Re-185

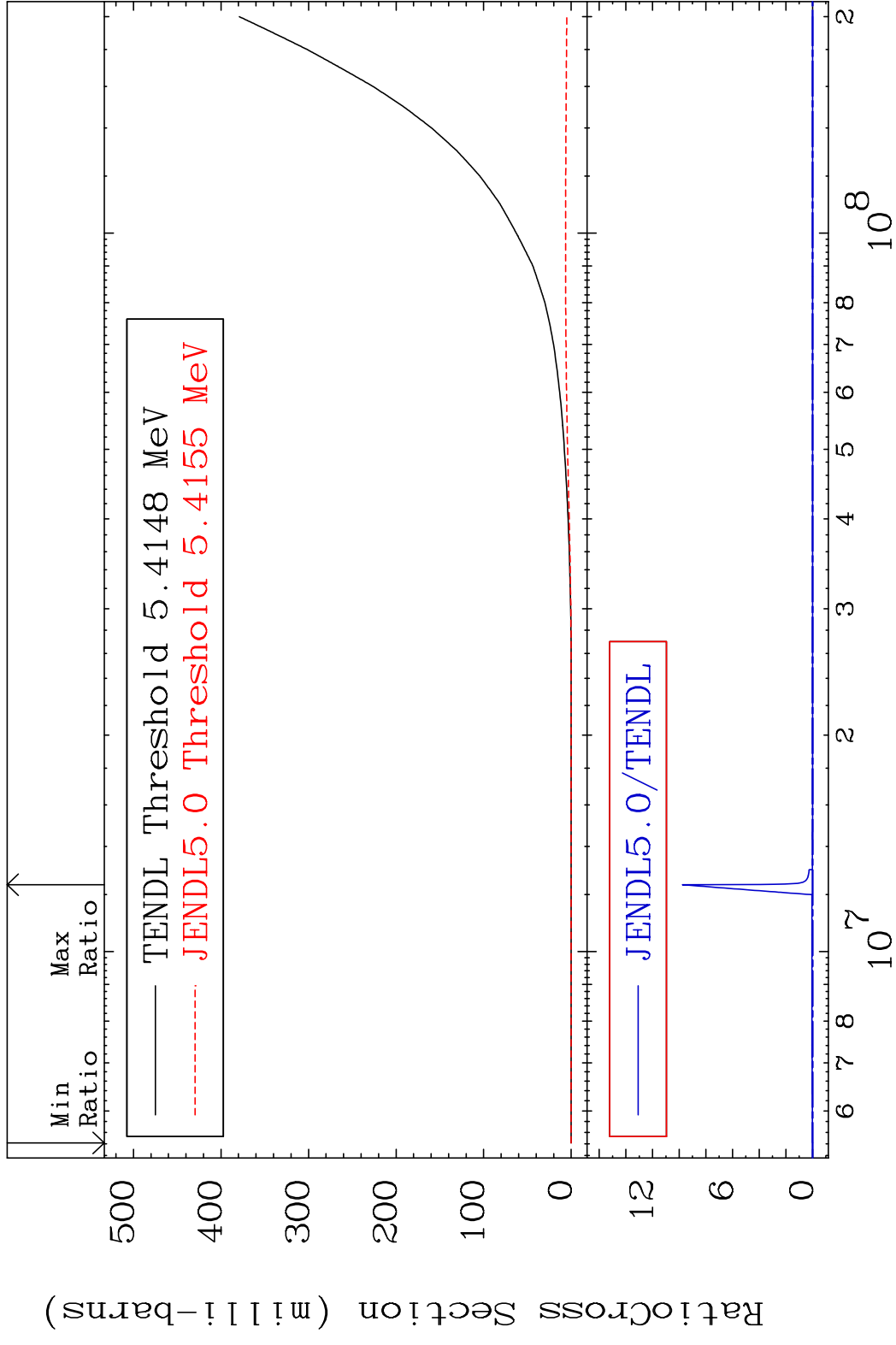
MAT 7525 Deuterium Production 75-Re-185
 Cross Section -100.0 To 9999. %



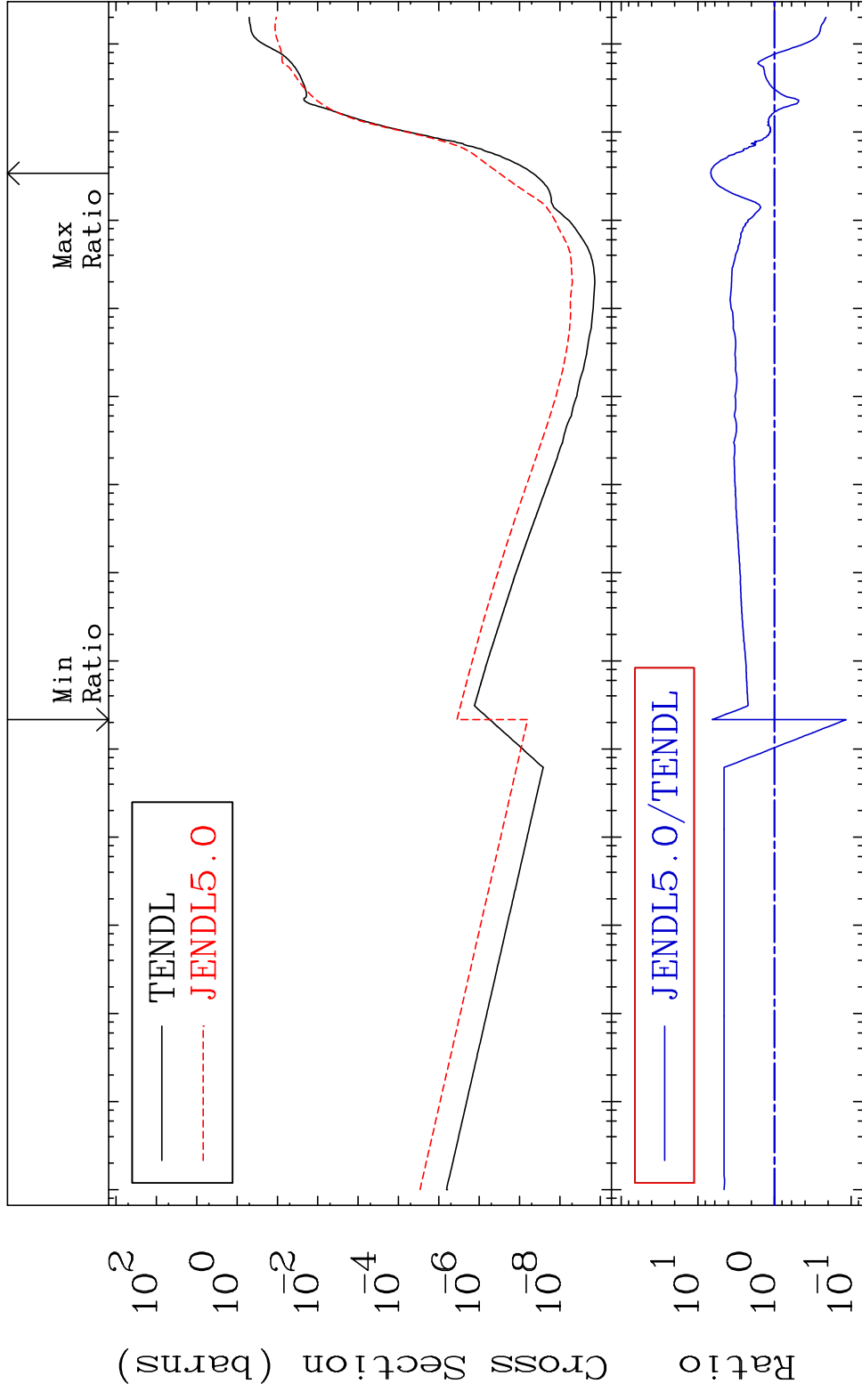
MAT 7525 Tritium Production 75-Re-185
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

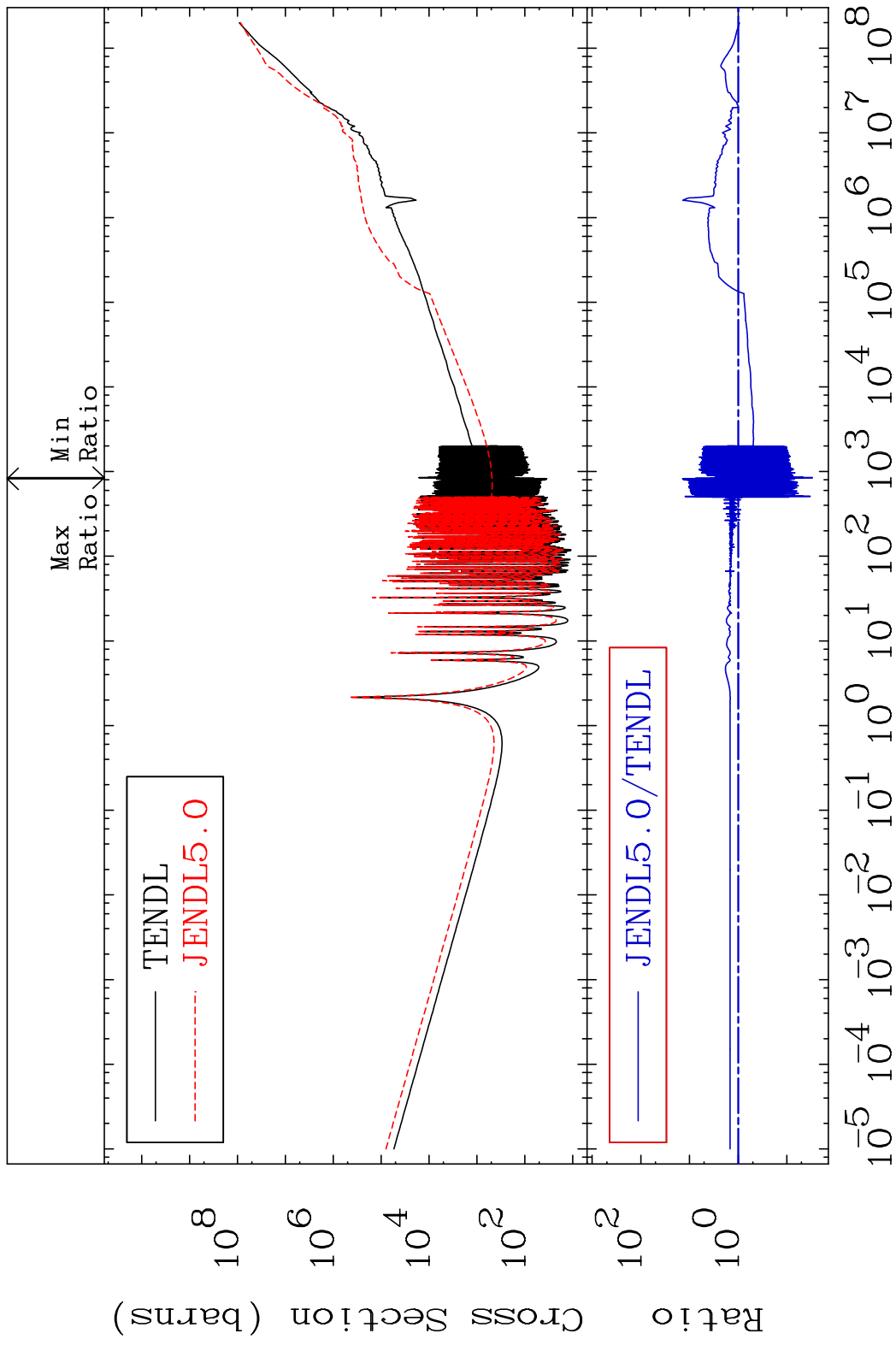


MAT 7525 He-4 Production 75-Re-185
 Cross Section -88.44 To 579.3 %



45 Incident Energy (eV) 75-Re-185

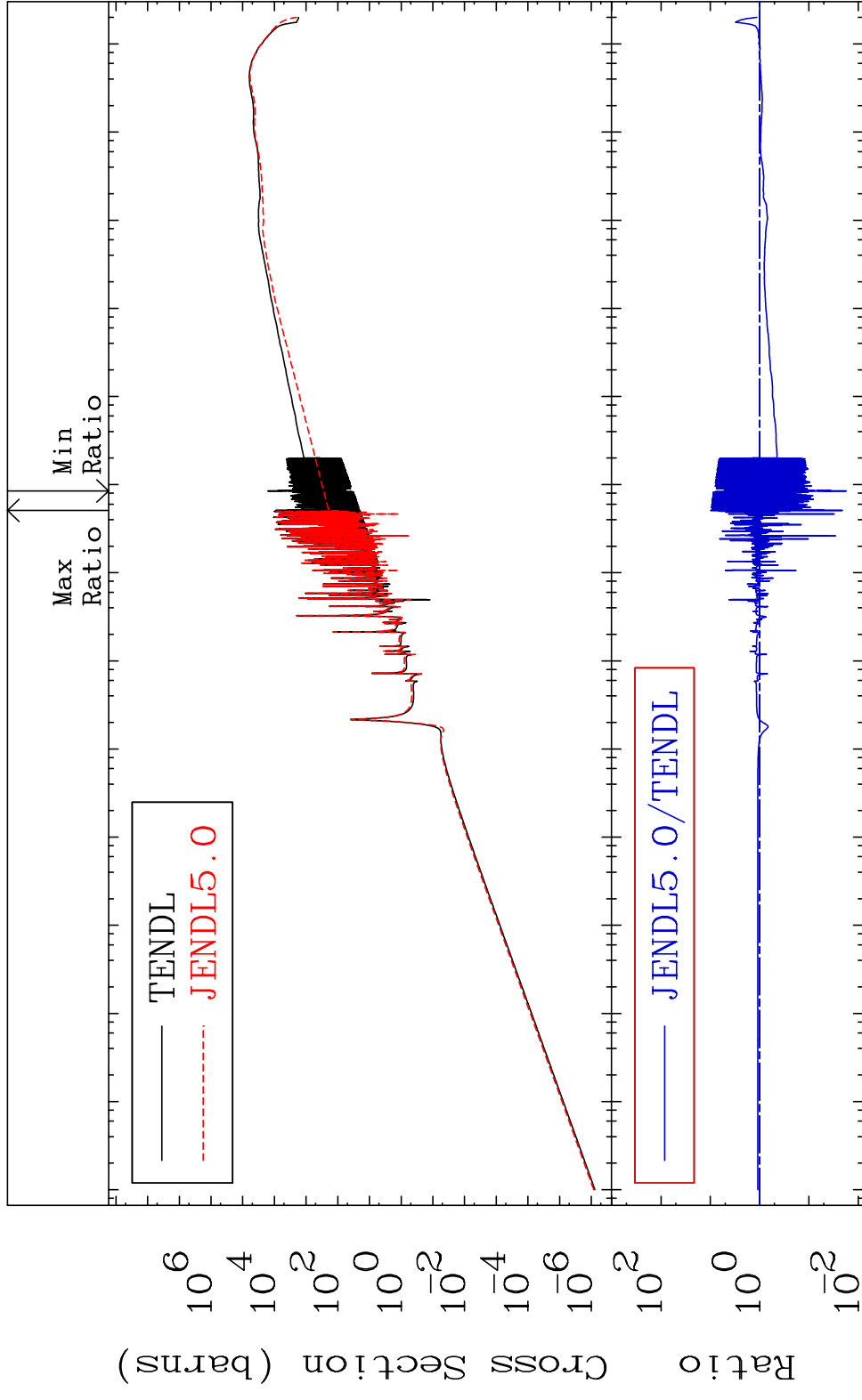
MAT 7525 Kerma total (eV-barns) 75-Re-185
 Cross Section -97.04 To 1303. %



MAT 7525

Kerma elastic
Cross Section

75-Re-185
-98.26 To 880.7 %

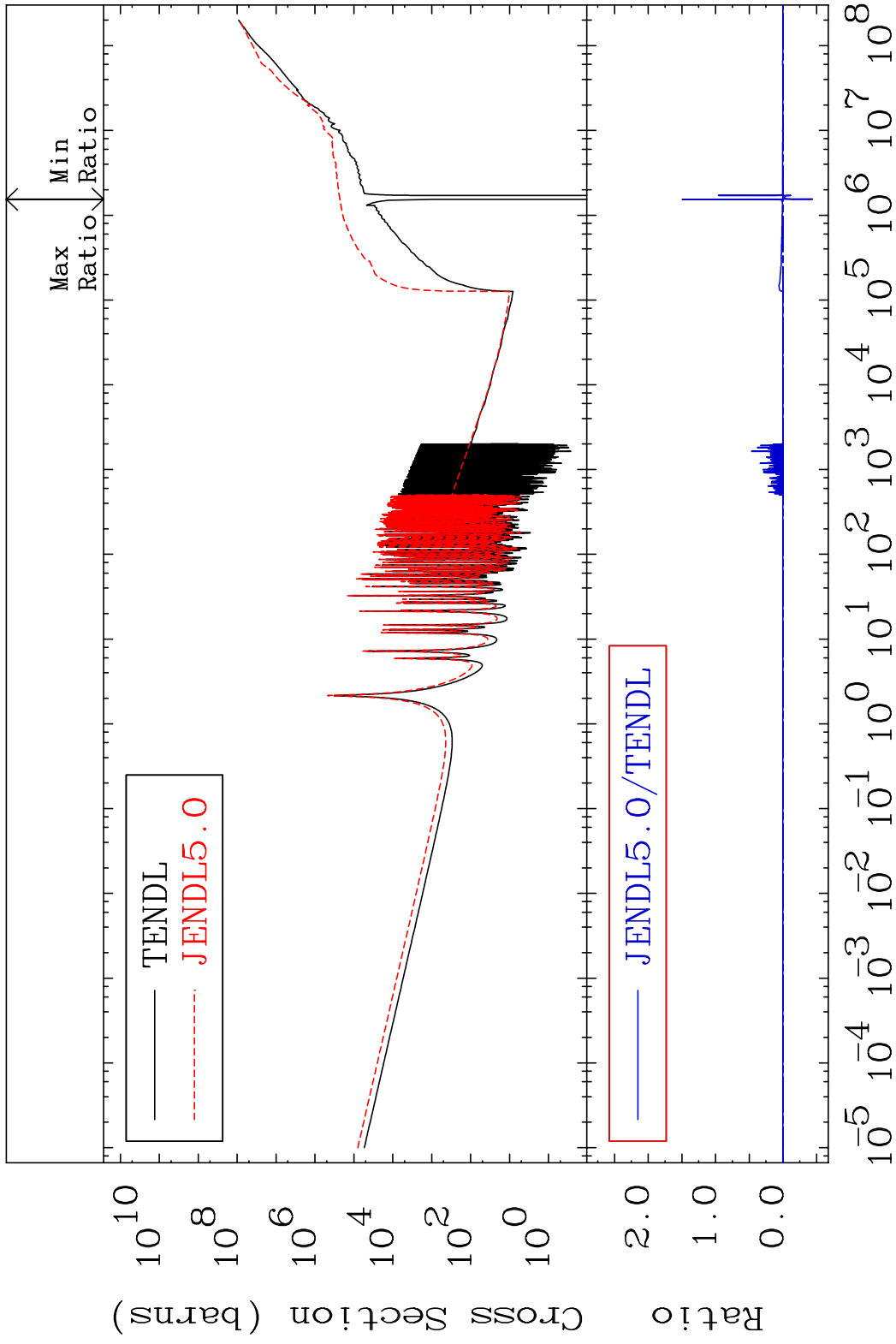


47

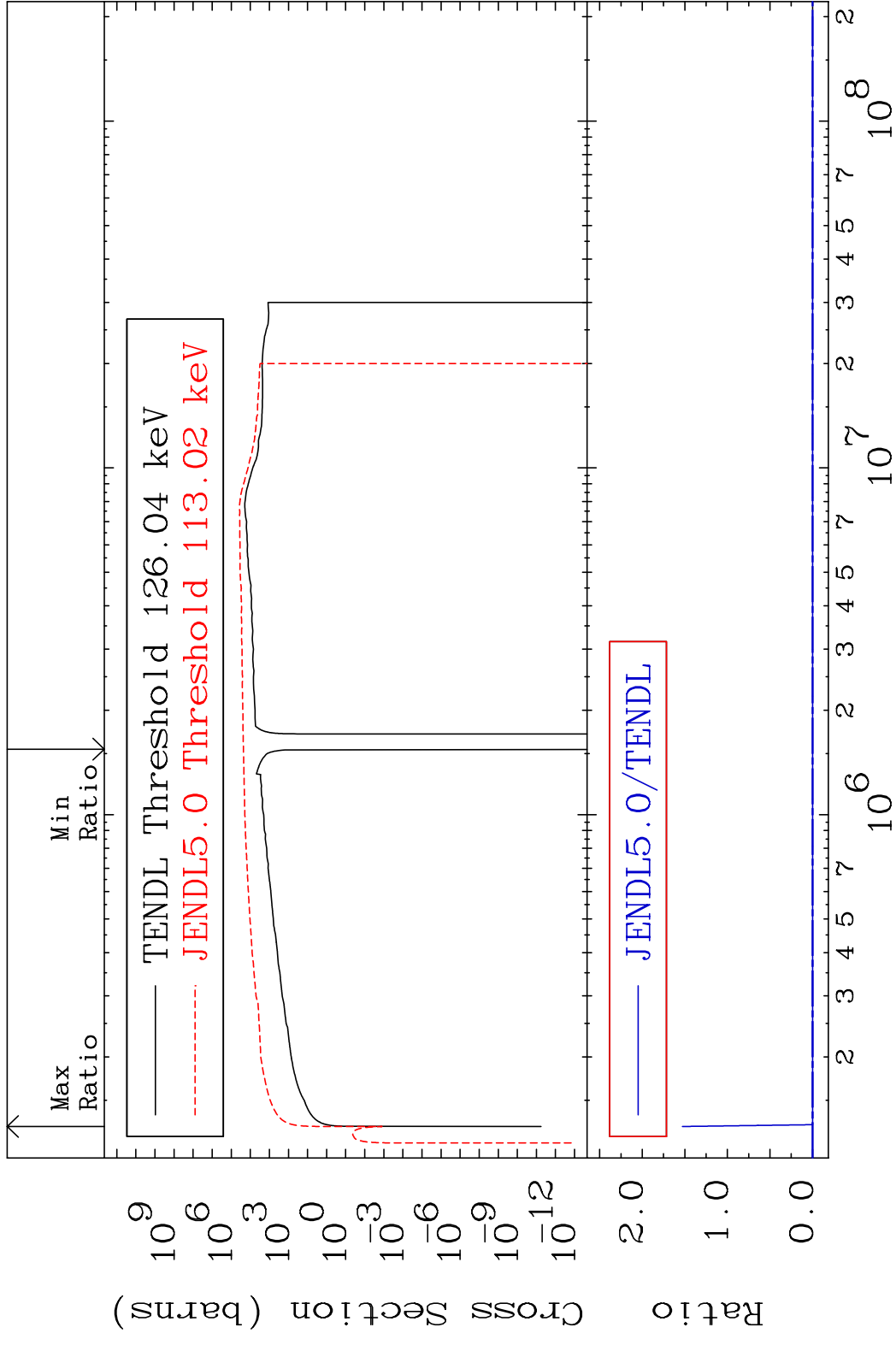
Incident Energy (eV)

75-Re-185

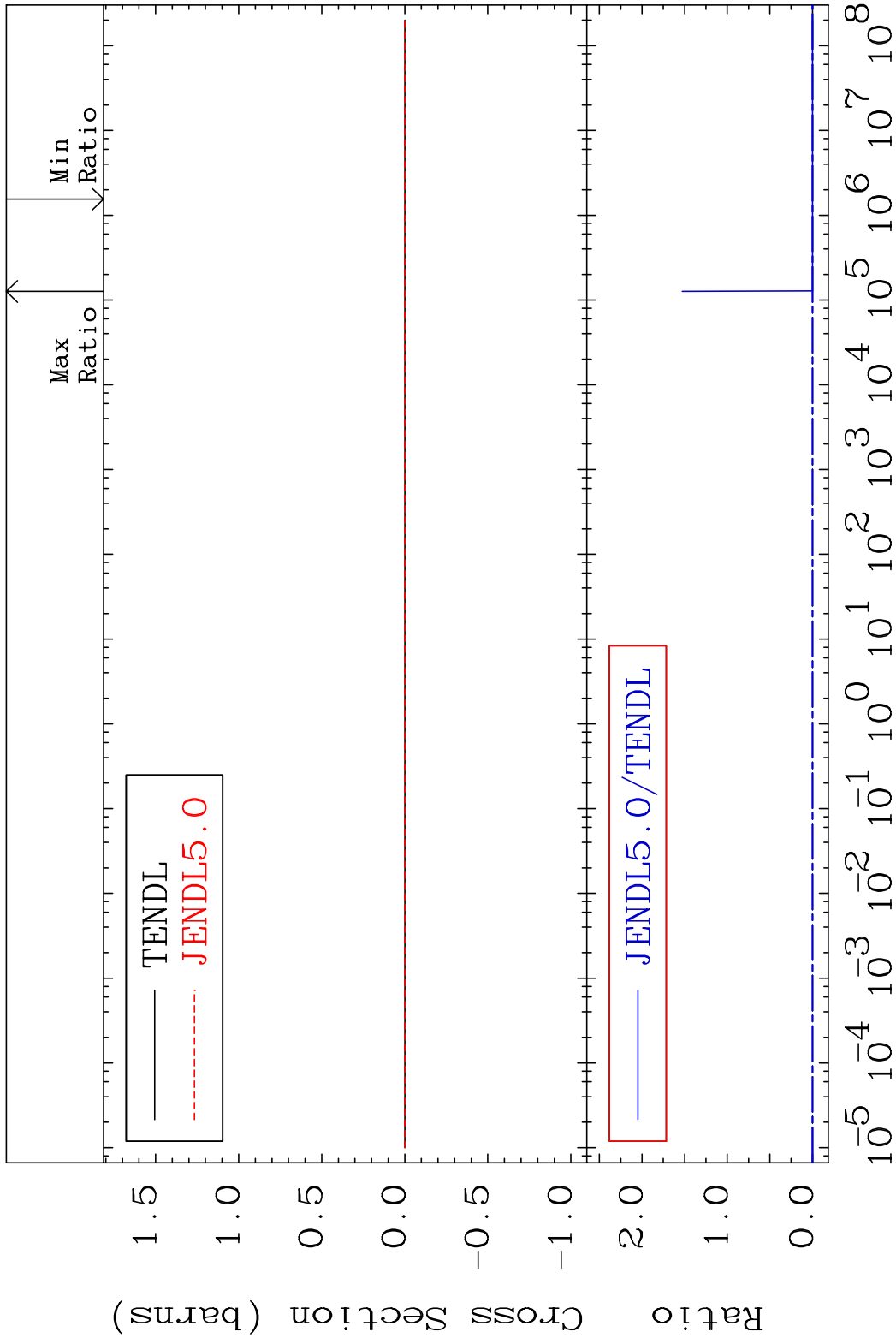
MAT 7525 Kerma non-elastic (all but mt2) 75-Re-185
 Cross Section -9999. To 9999. %



MAT 7525 Kerma inelastic (mt51-91) 75-Re-185
 Cross Section -9999. To 9999. %



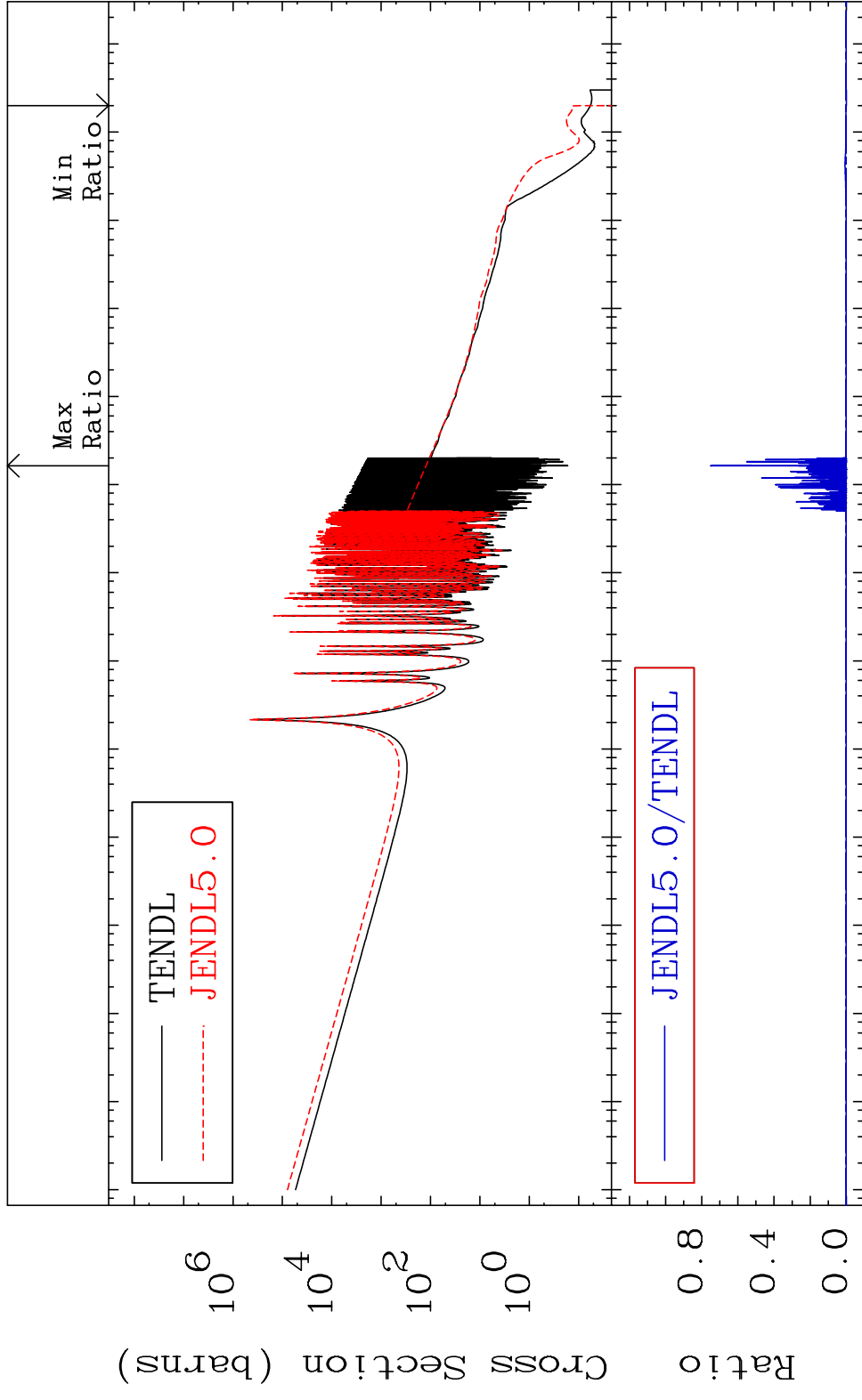
MAT 7525 Kerma fission (mt18 or mt19-20-21-38)75-Re-185
 Cross Section -9999. To 9999. %



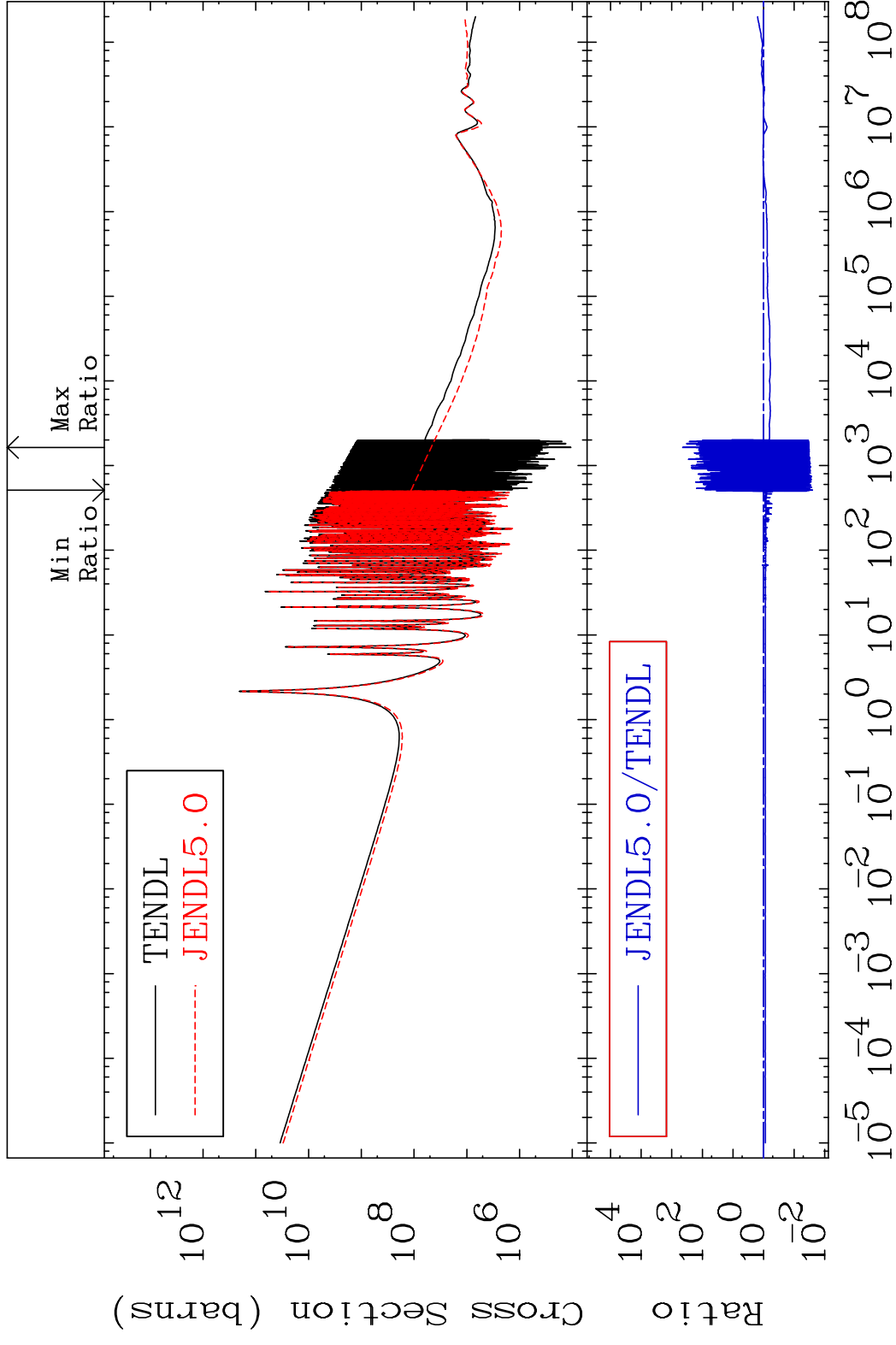
MAT 7525

Kerma capture (mt102) 75-Re-185

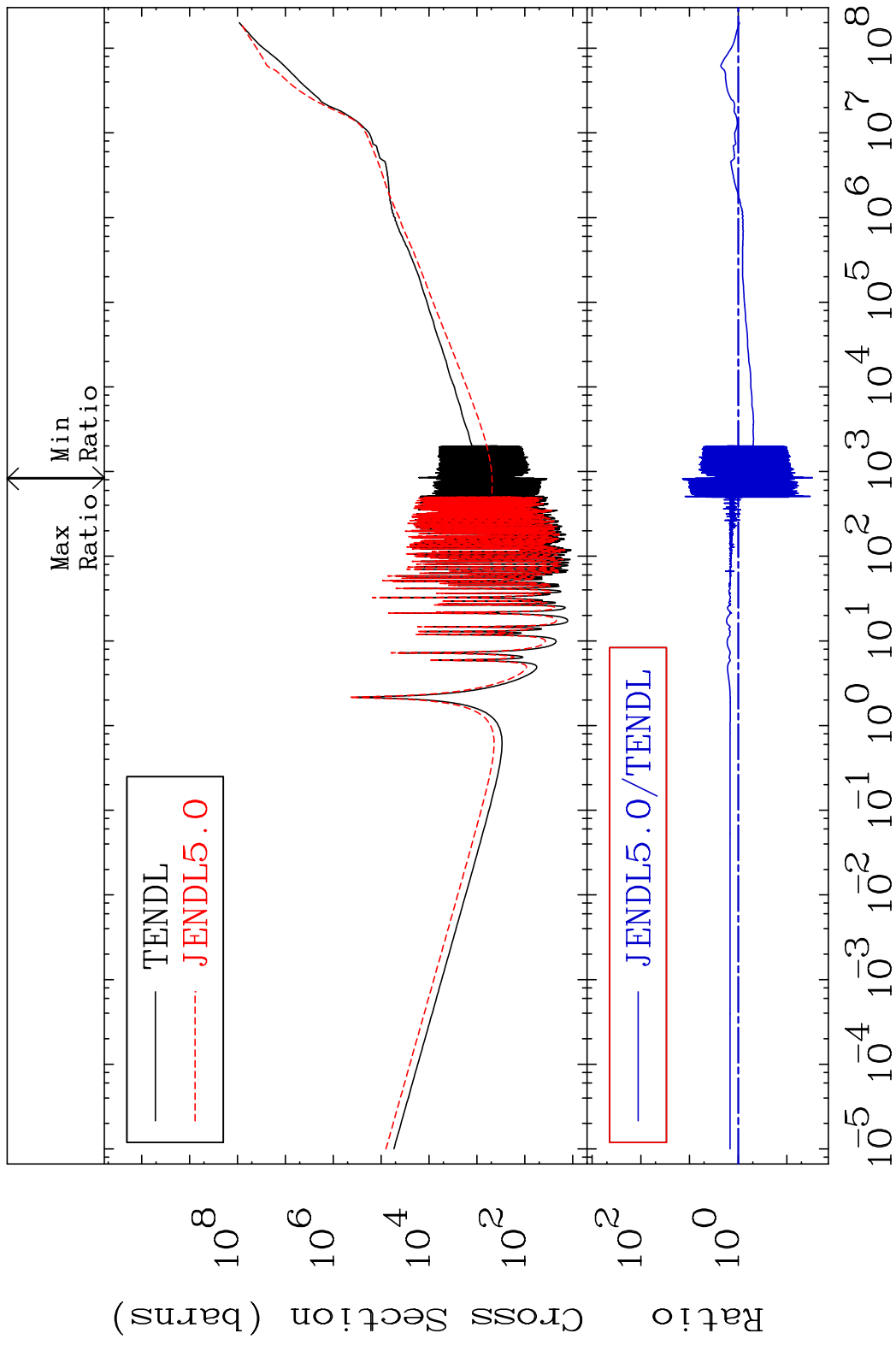
Cross Section -100.0 To 9999. %



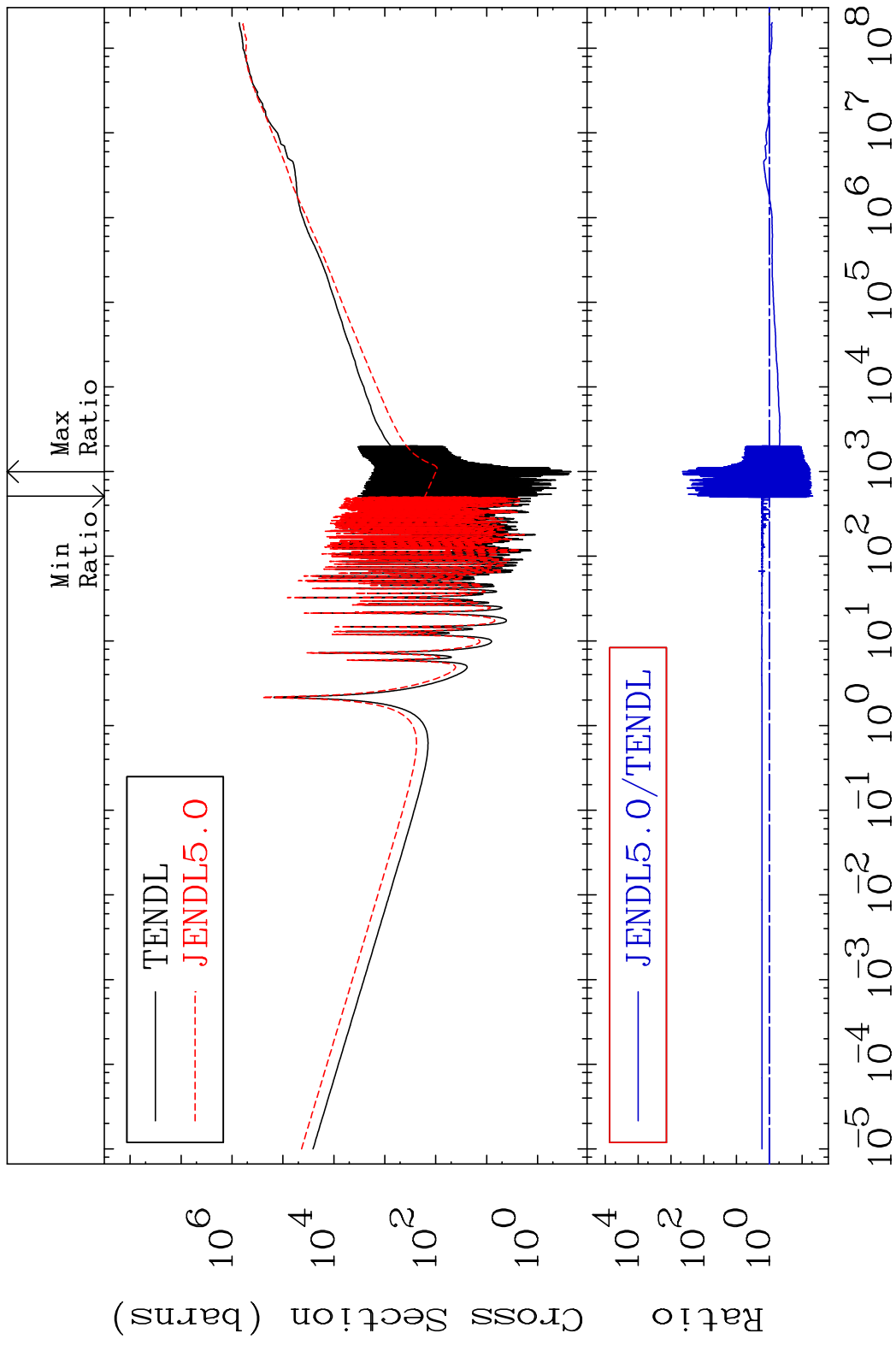
MAT 7525 Total photon (eV-barns) 75-Re-185
 Cross Section -97.50 To 9999. %



MAT 7525 Total kinematic kerma (high limit) 75-Re-185
 Cross Section -97.04 To 1303. %



MAT 7525 Dpa total (eV-barns) 75-Re-185
 Cross Section -95.20 To 9999. %

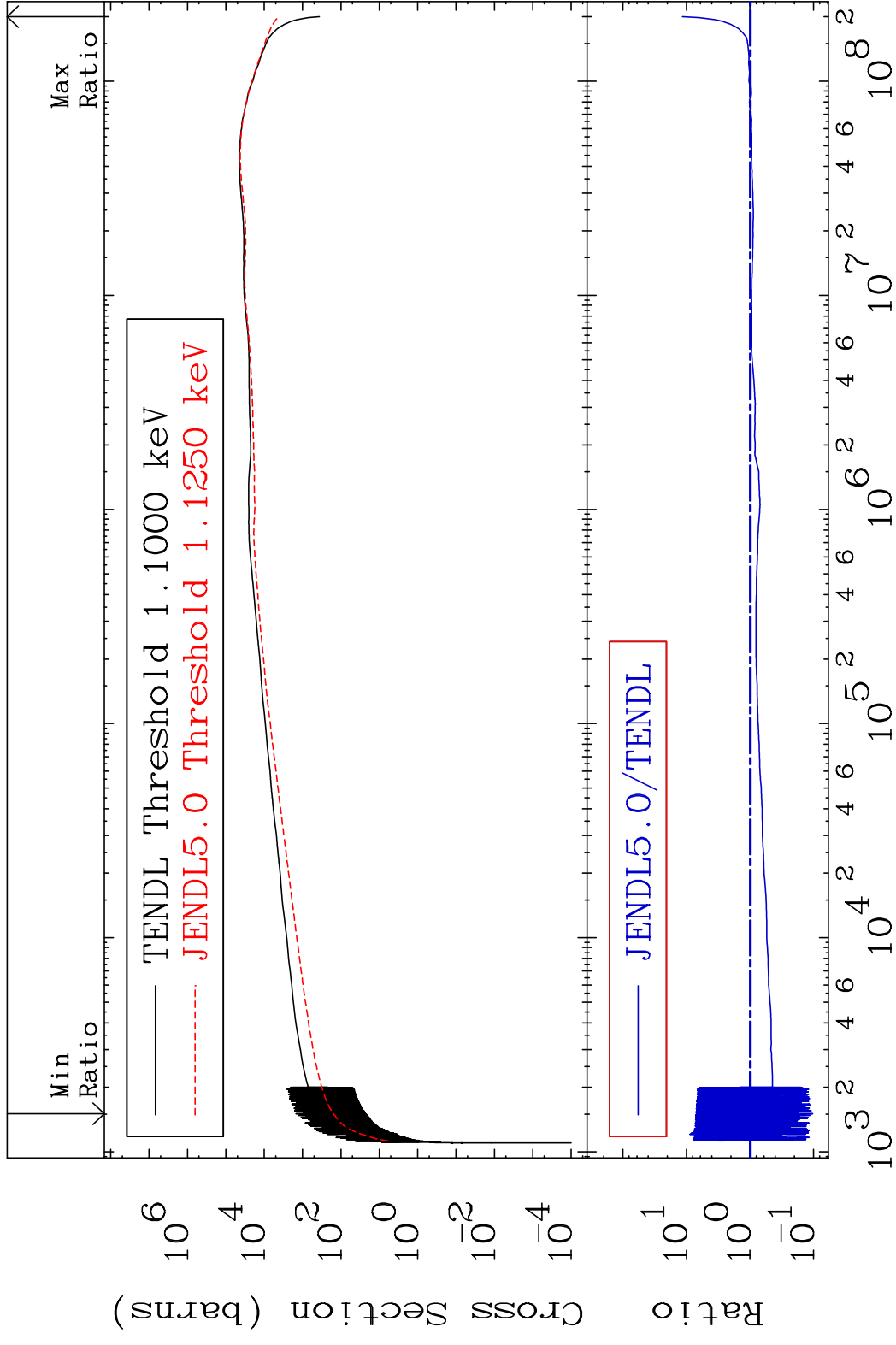


MAT 7525

Dpa elastic (mt2)

75-Re-185

Cross Section -89.62 To 1058. %

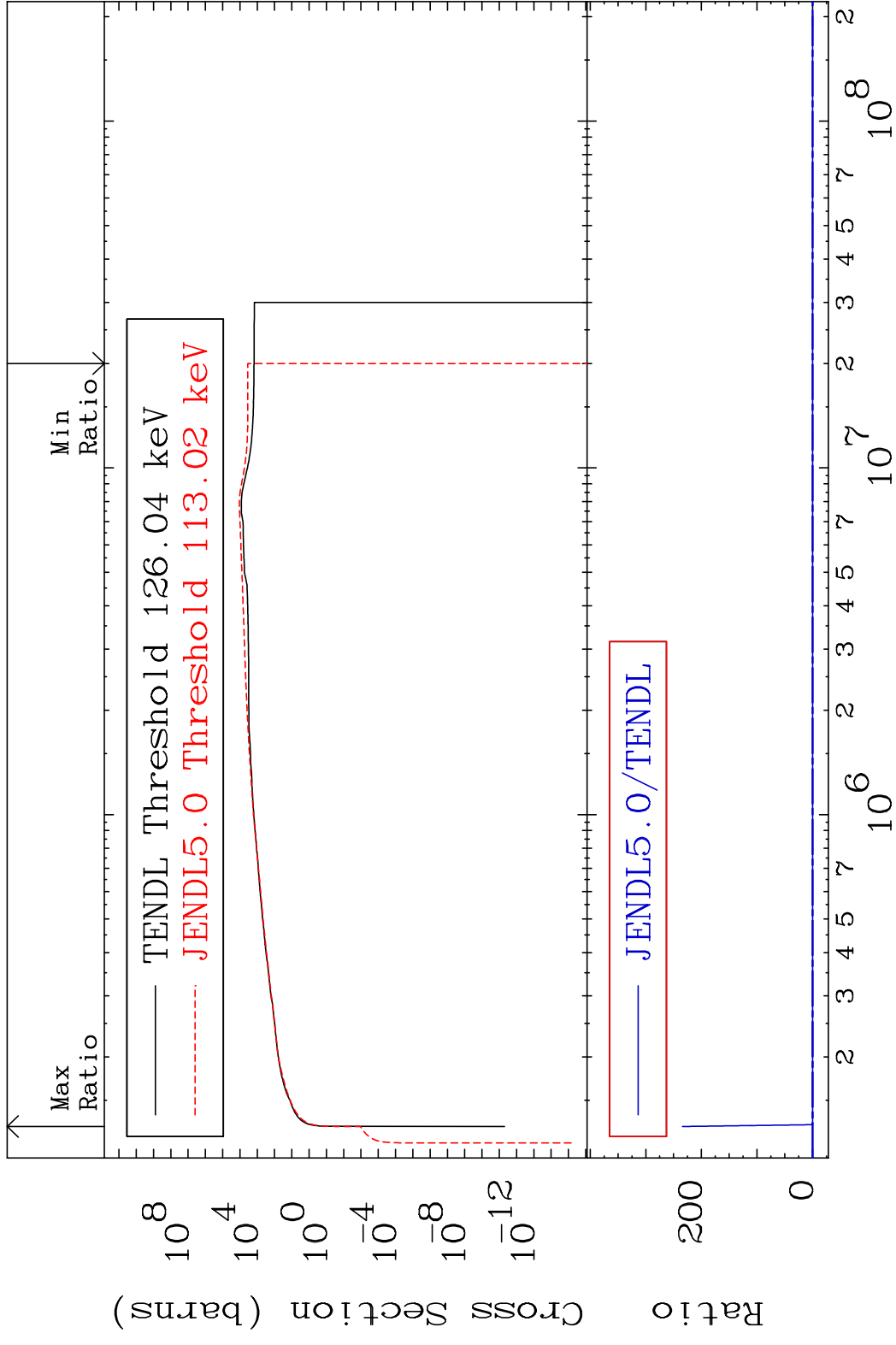


55

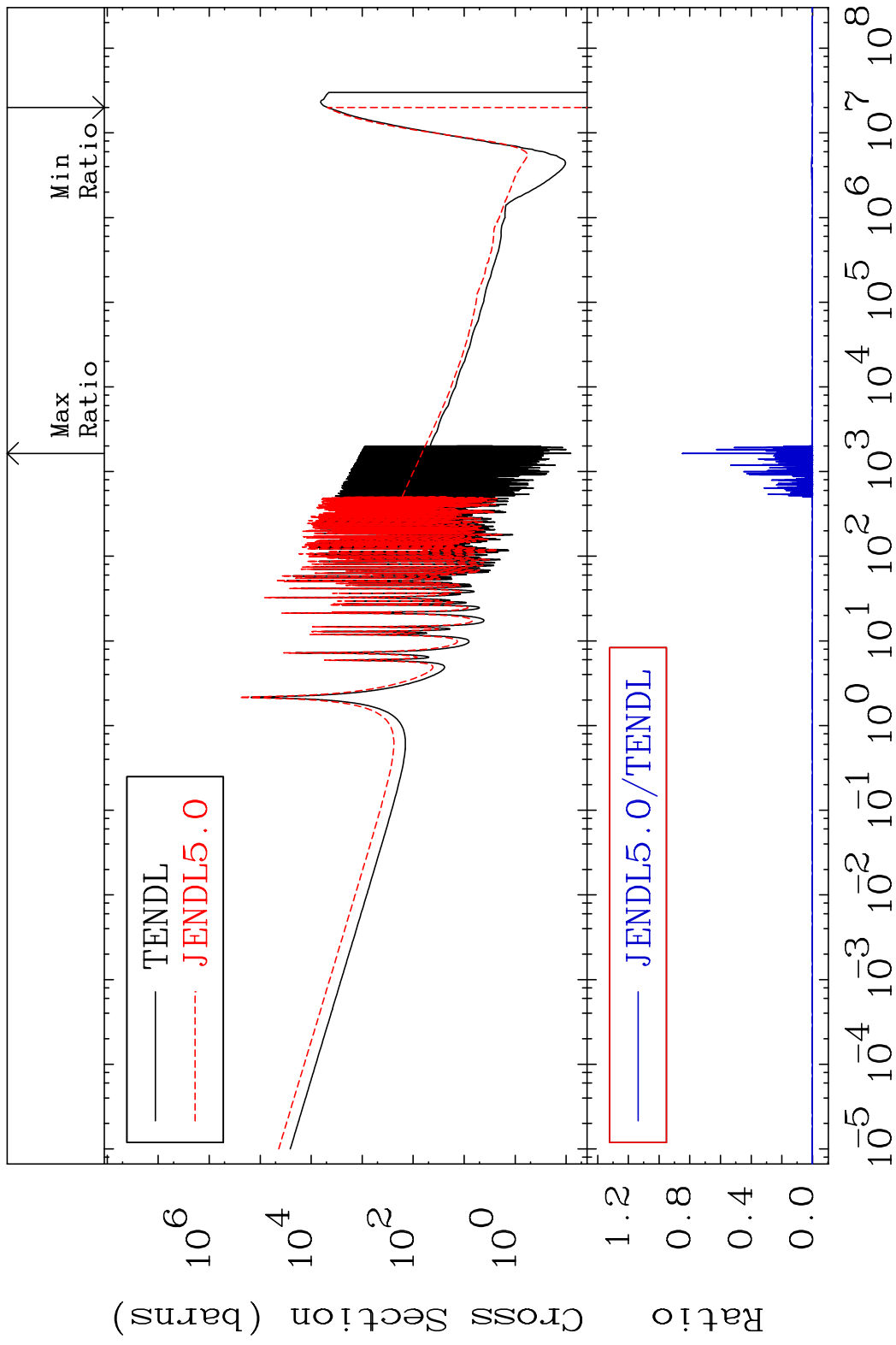
Incident Energy (eV)

75-Re-185

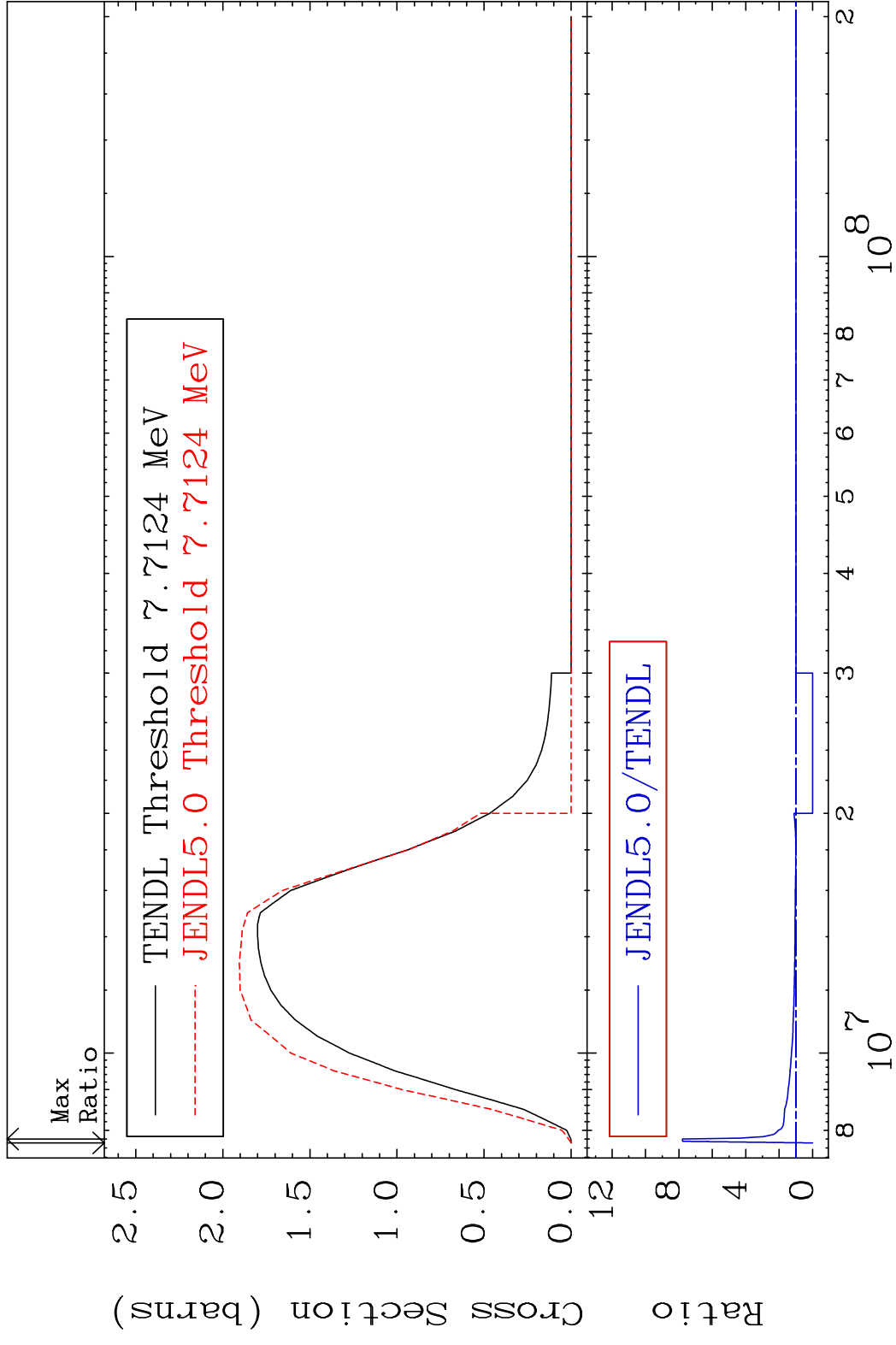
MAT 7525 Dpa inelastic (mt51-91) 75-Re-185
 Cross Section -100.0 To 9999. %



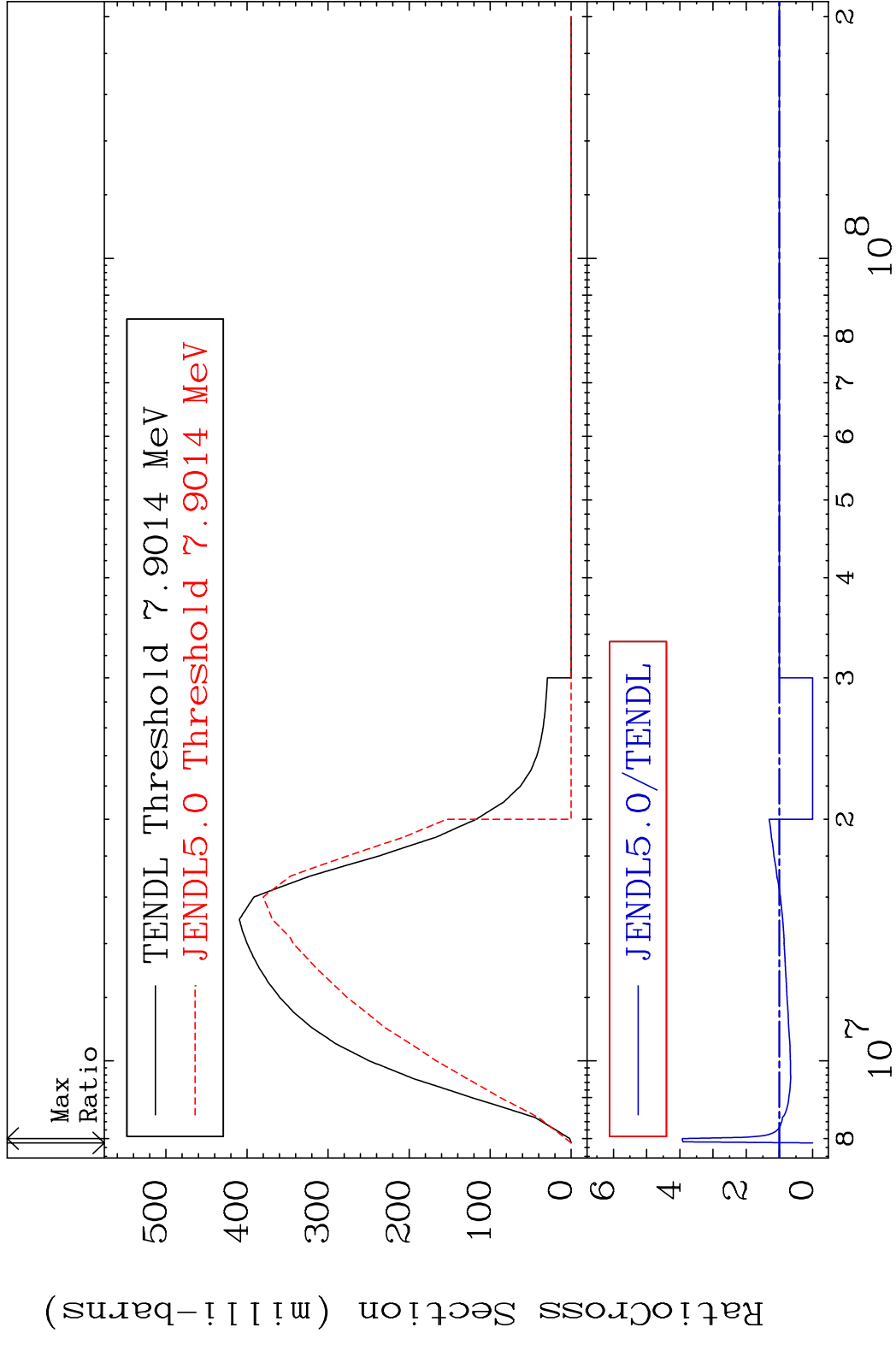
MAT 7525 Dpa disappearance (mt102 -120) 75-Re-185
 Cross Section -100.0 To 9999. %



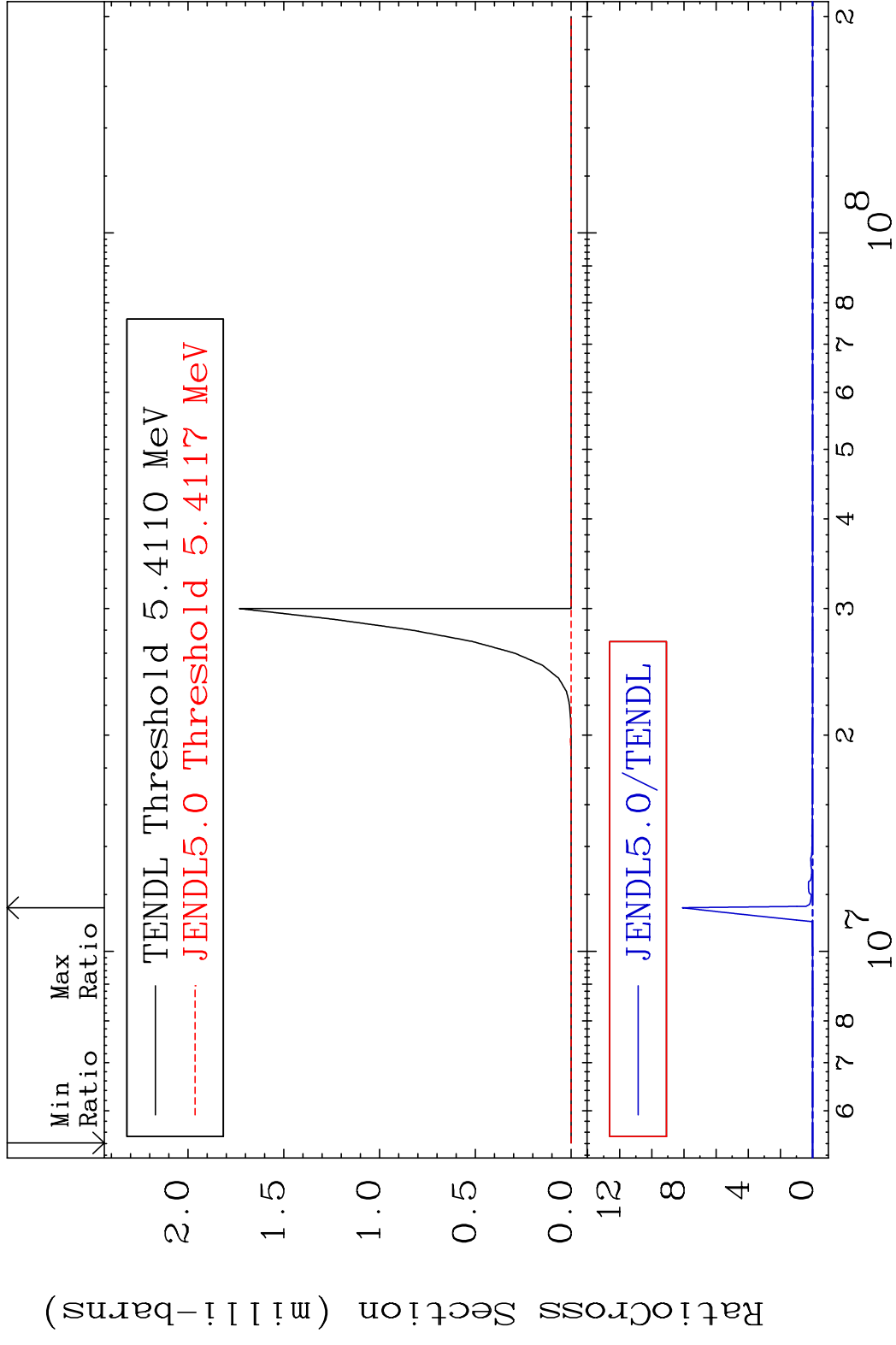
MAT 7525 (n,2n):75-Re-184g 75-Re-185
 Radionuclide Production Cross Section 184g to 679.5 %

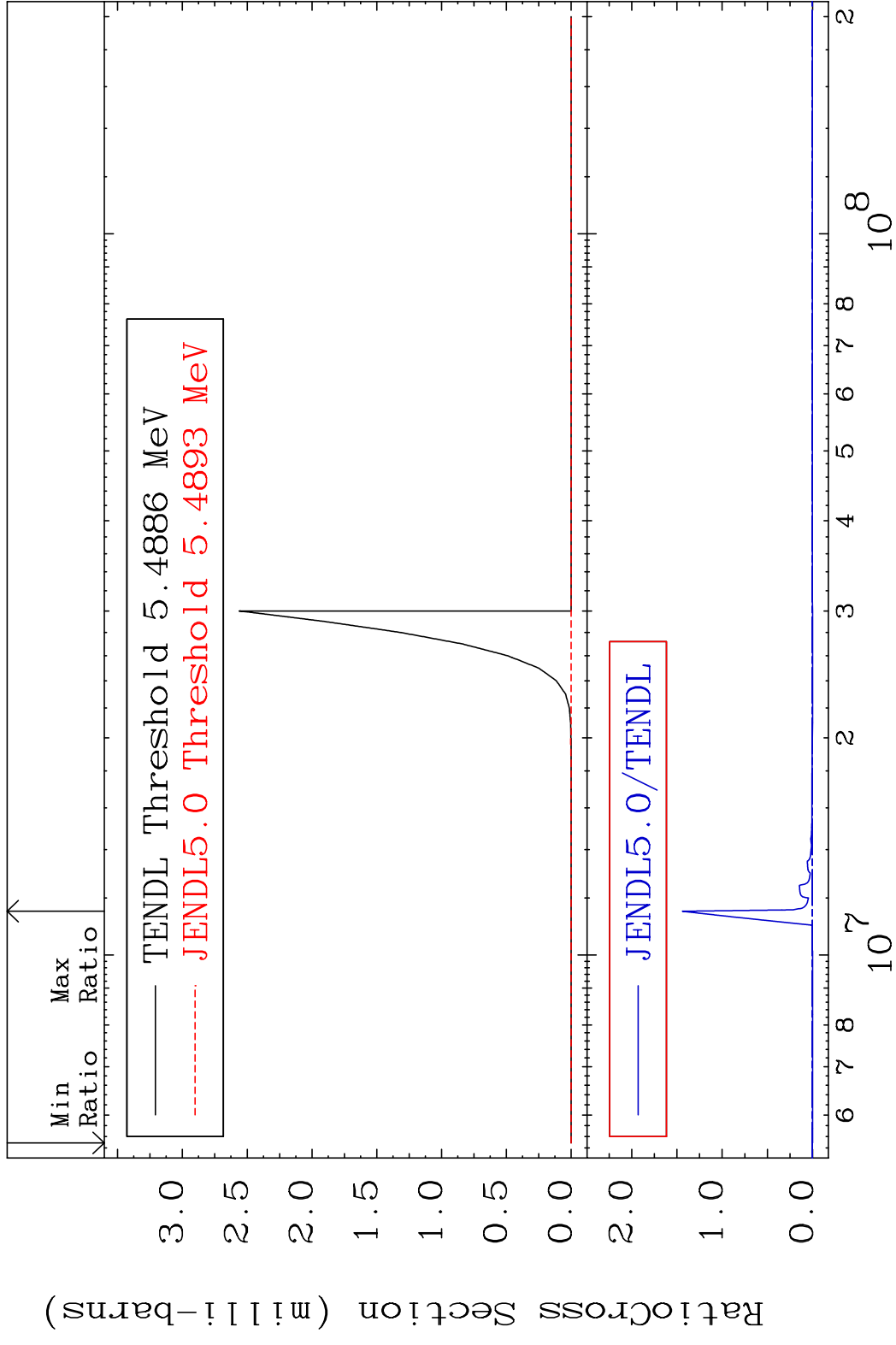


MAT 7525 (n,2n):75-Re-184m5 75-Re-185
 Radionuclide Production Cross Section Ratio 292.4 %

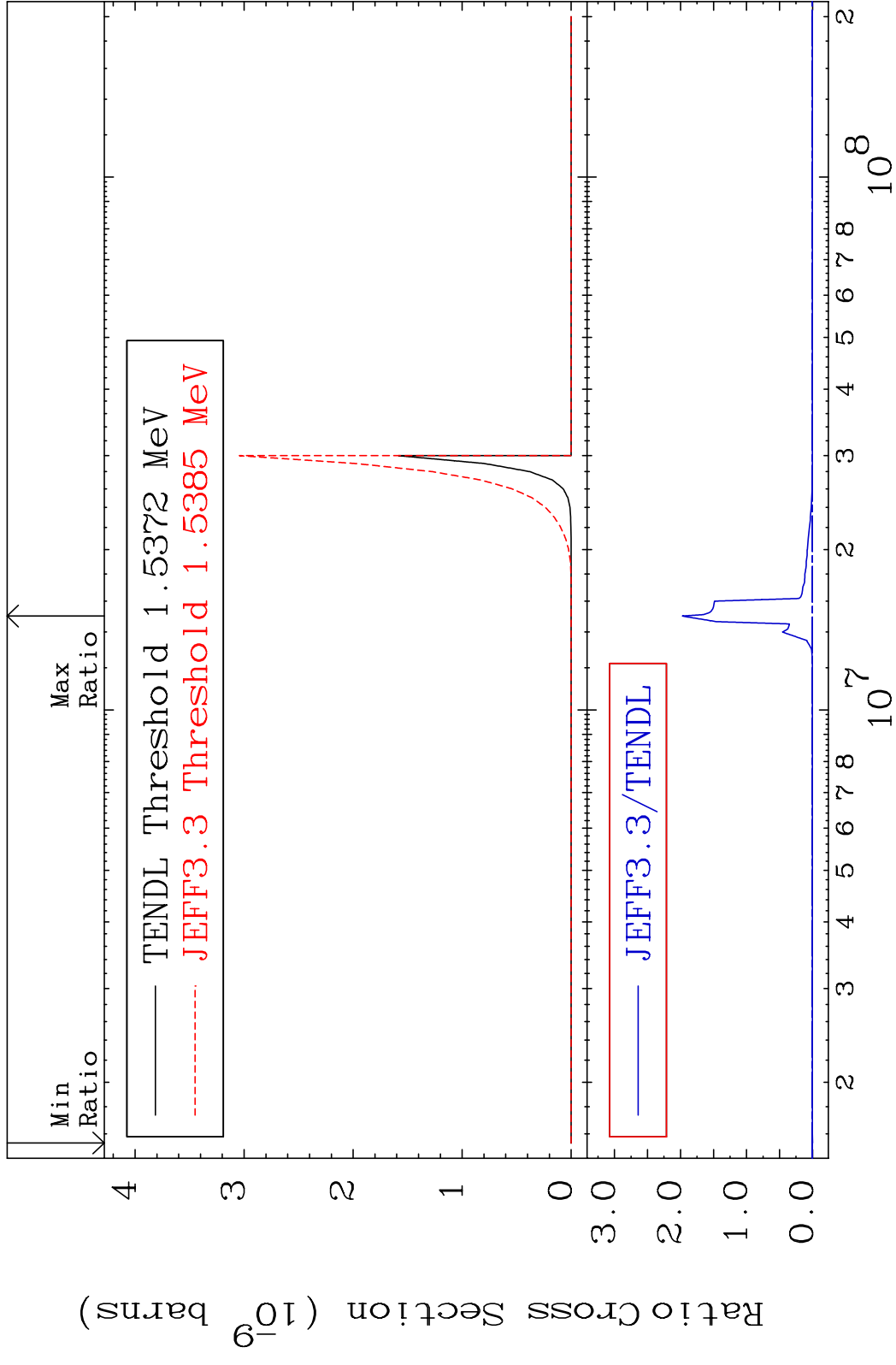


MAT 7525 (n,2n) α :73-Ta-180g 75-Re-185
 Radionuclide Production Cross Section Ratio 9999. %





MAT 7525 (n,d) α 75-Re-185
 Cross Section -100.0 To 9999. %

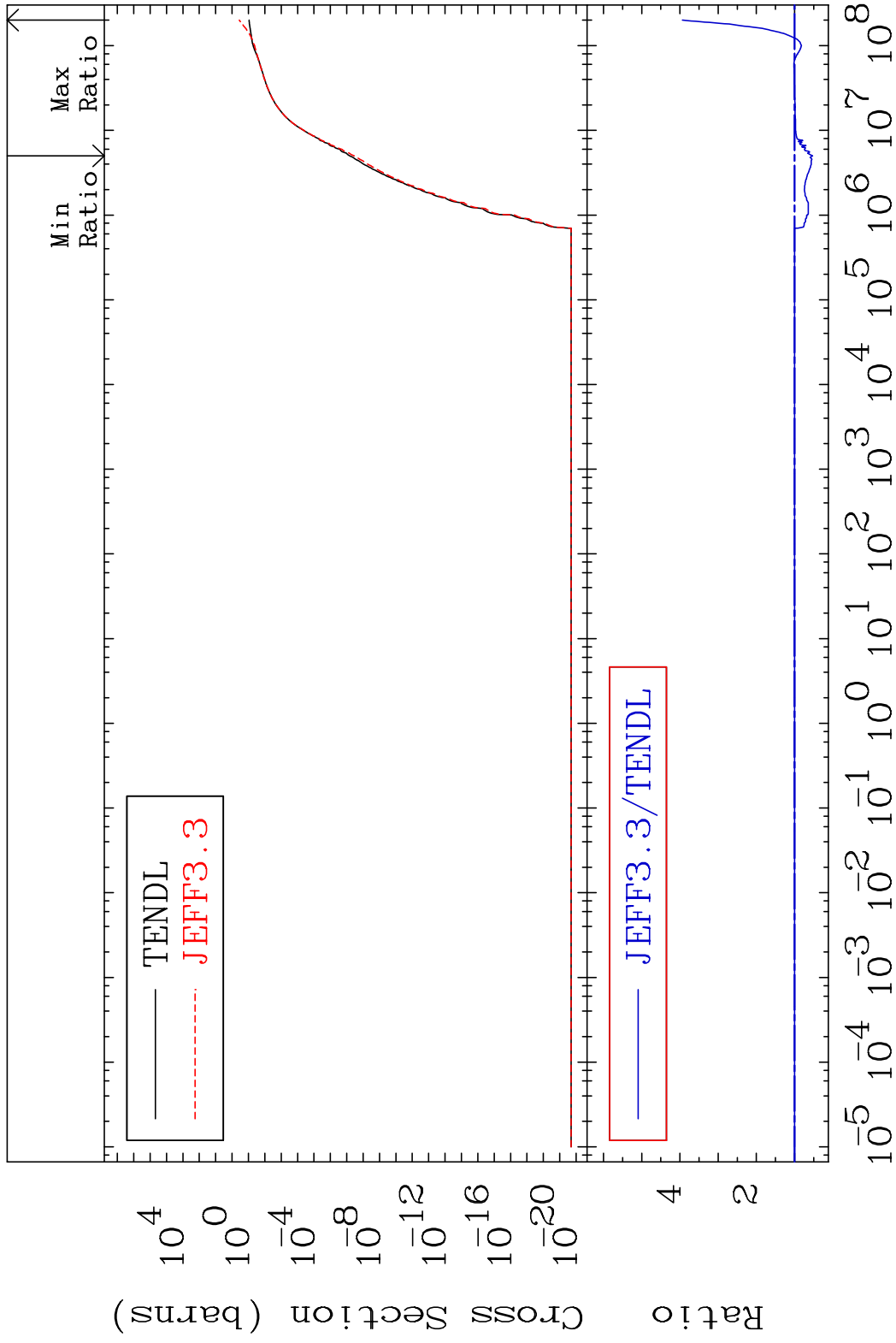


MAT 7525

Hydrogen Production

75-Re-185

Cross Section -47.10 To 293.6 %



63

Incident Energy (eV)

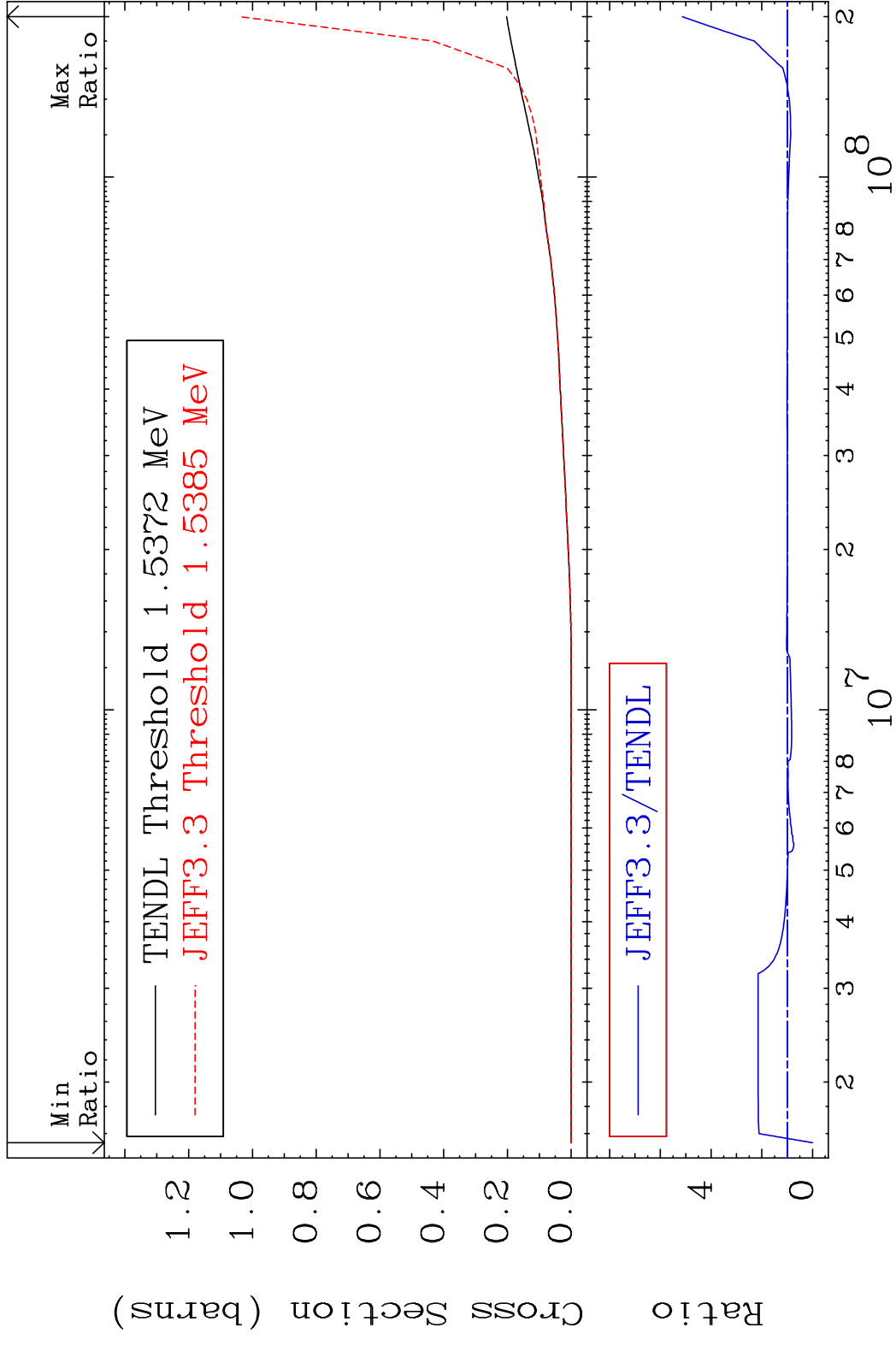
75-Re-185

MAT 7525

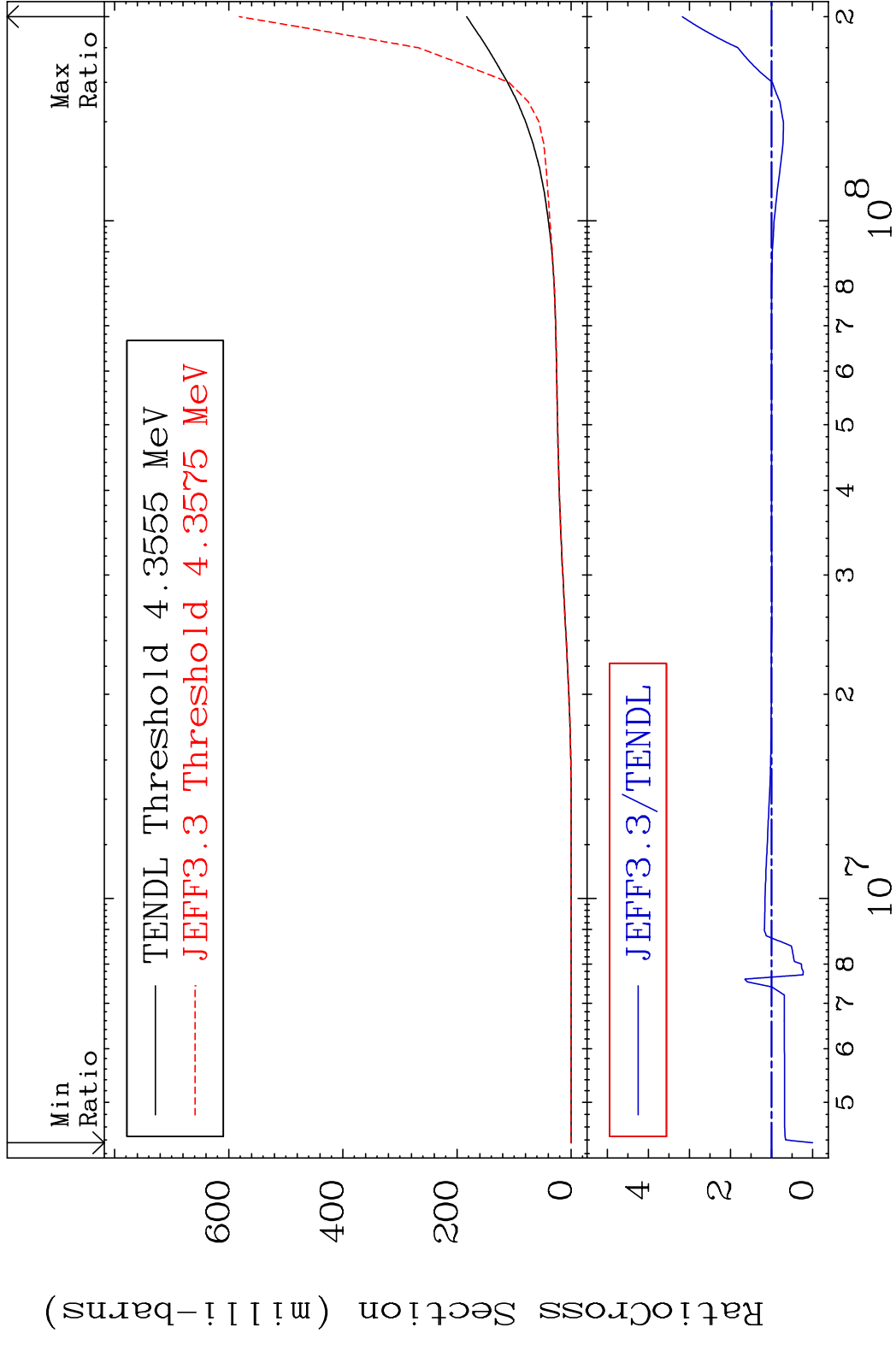
Deuterium Production

75-Re-185

Cross Section -100.0 To 413.3 %



MAT 7525 Tritium Production 75-Re-185
 Cross Section -100.0 To 217.4 %

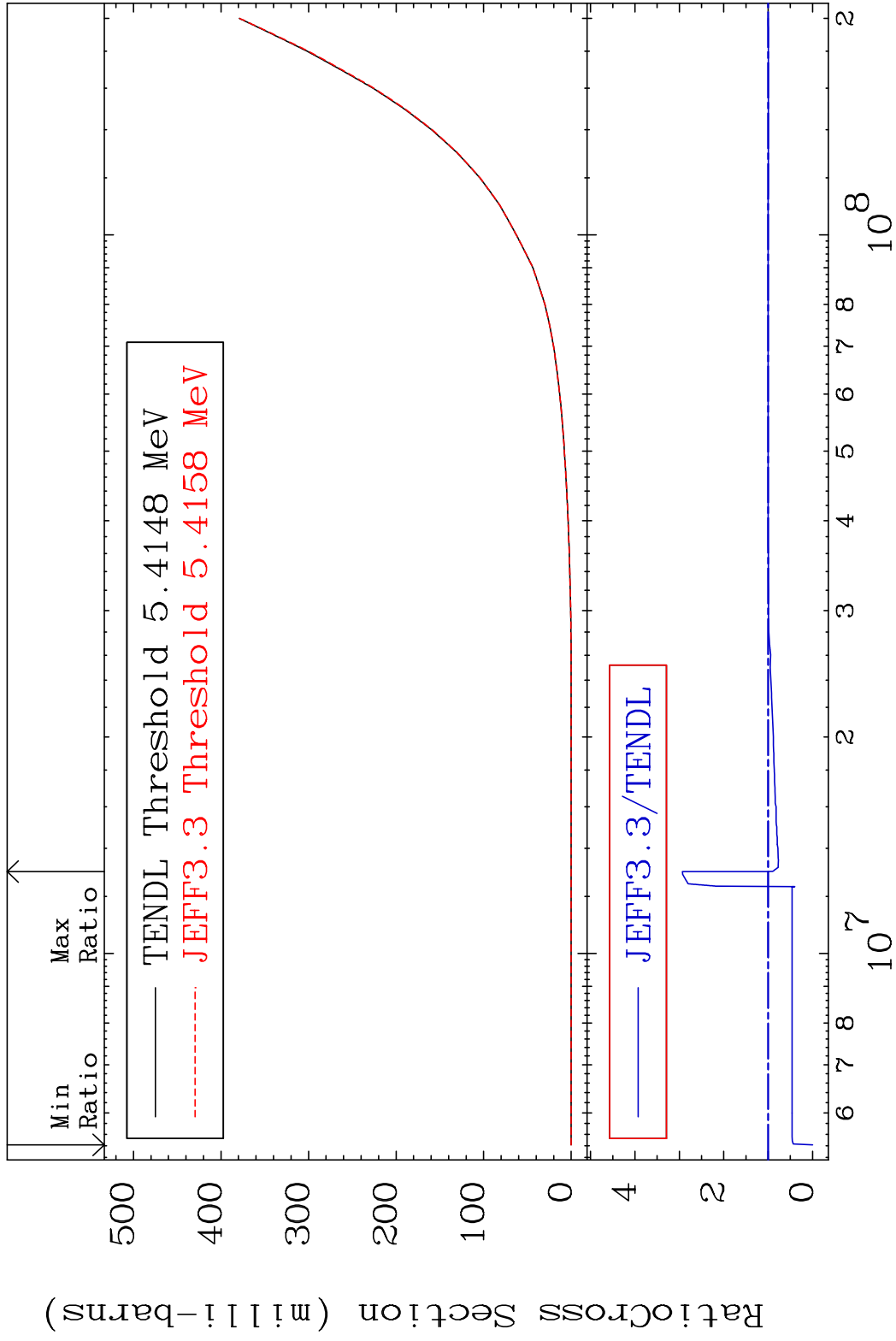


MAT 7525

He-3 Production

75-Re-185

Cross Section -100.0 To 193.3 %

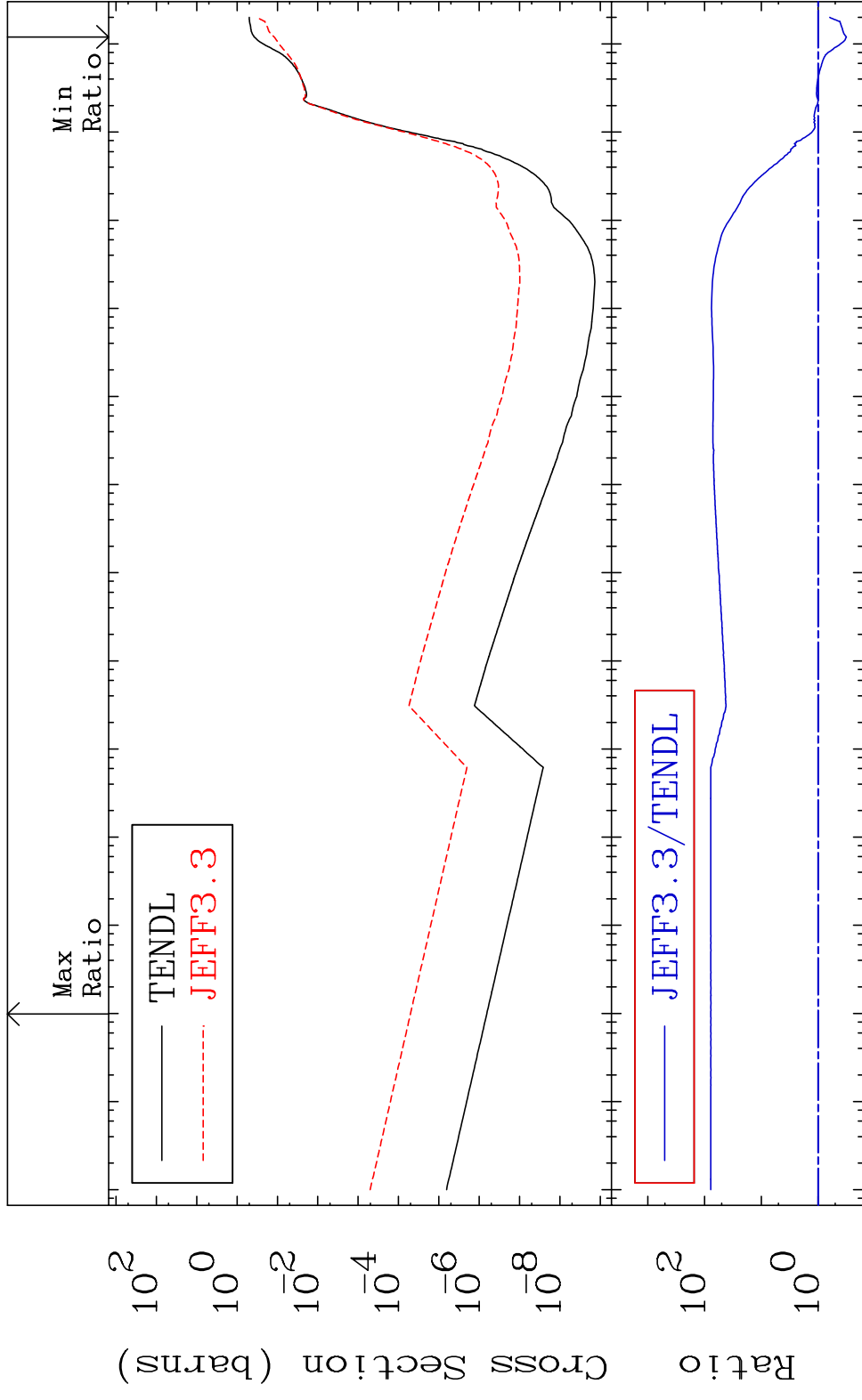


66

Incident Energy (eV)

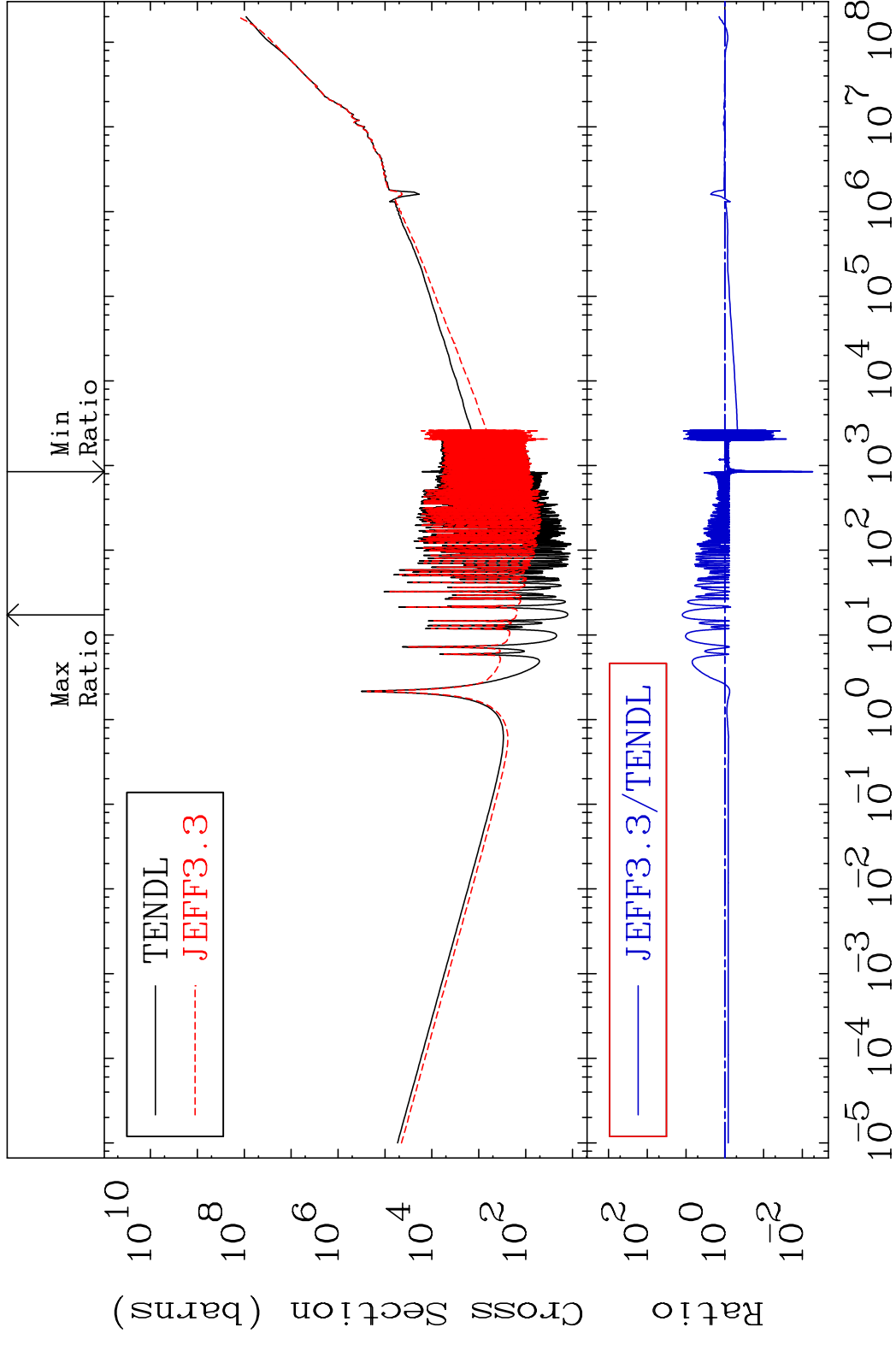
75-Re-185

MAT 7525 He-4 Production 75-Re-185
 Cross Section -67.99 To 7694. %



67 Incident Energy (eV) 75-Re-185

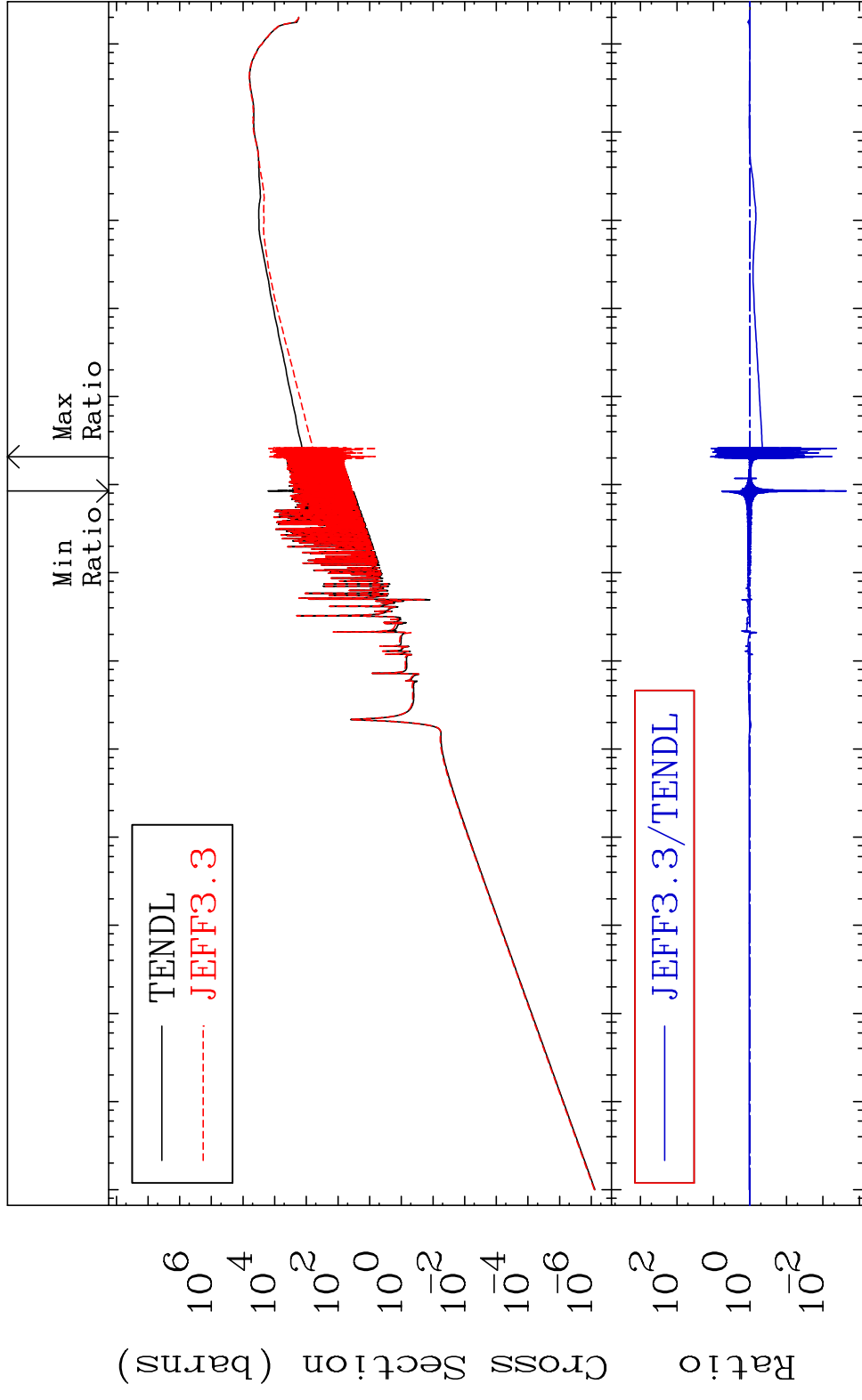
MAT 7525 Kerma total (eV-barns) 75-Re-185
 Cross Section -99.45 To 1143. %



MAT 7525

Kerma elastic
Cross Section

75-Re-185
-99.777 To 1090. %



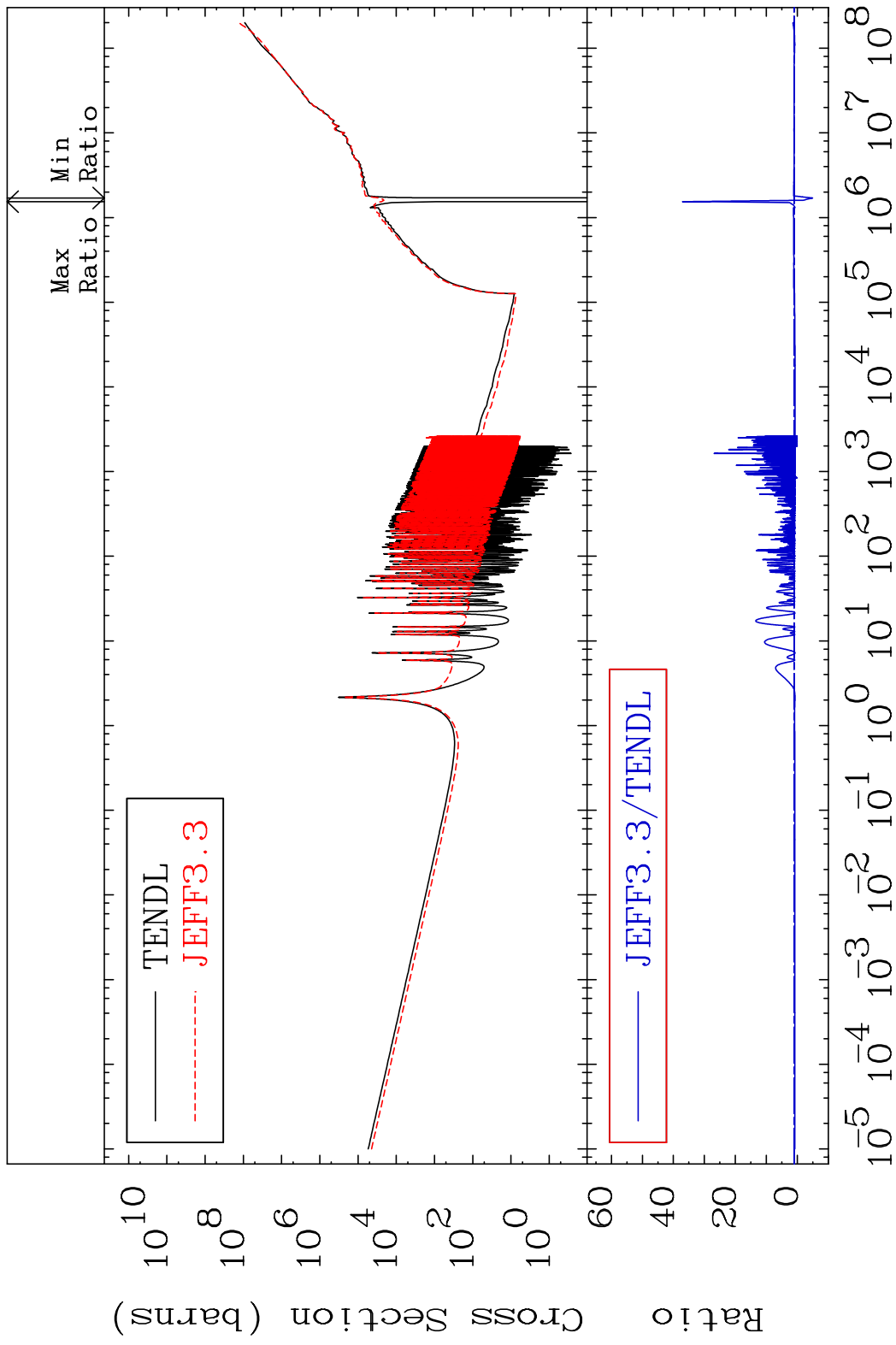
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

69

Incident Energy (eV)

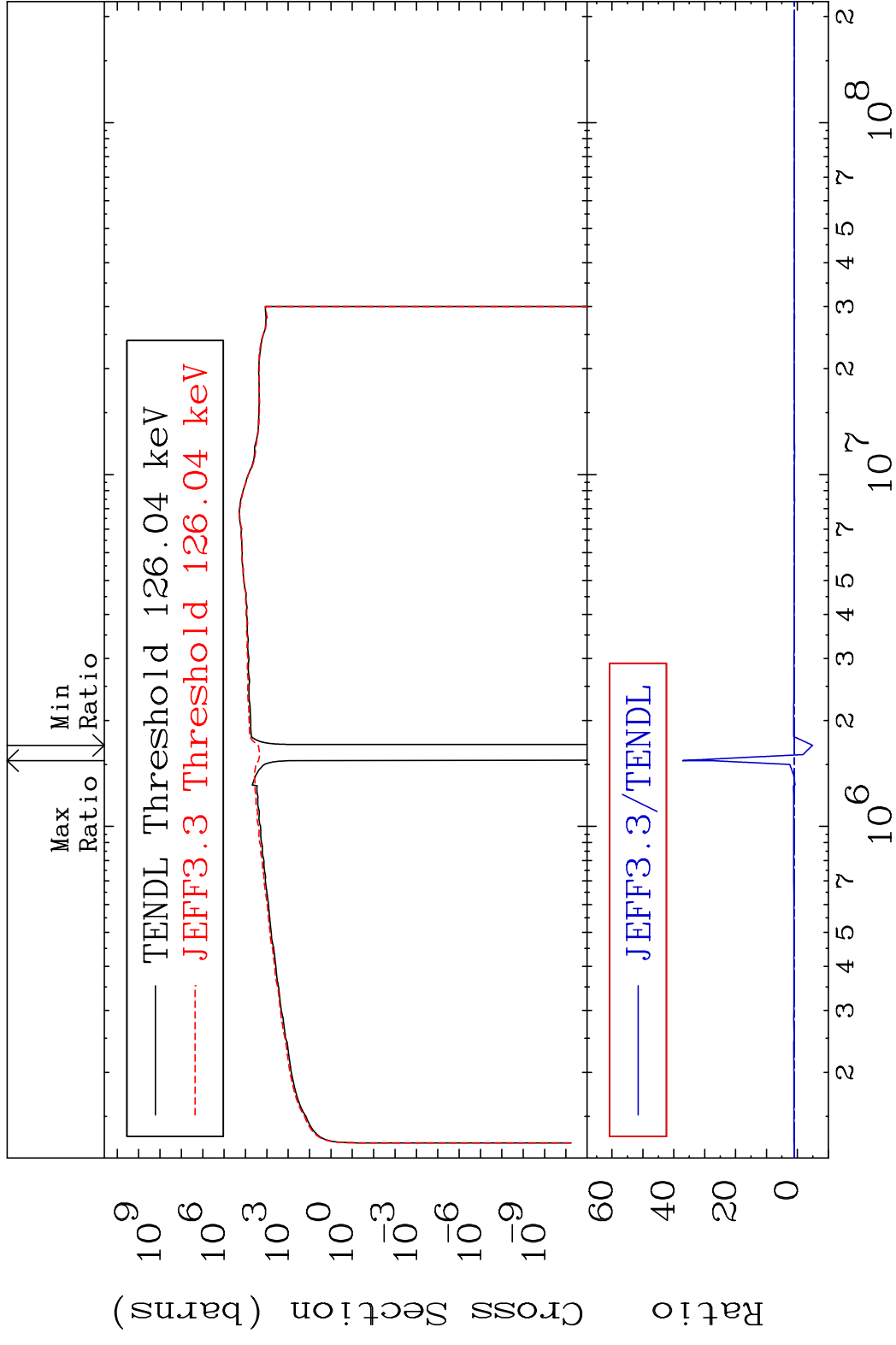
75-Re-185

MAT 7525 Kerma non-elastic (all but mt2) 75-Re-185
 Cross Section -592.0 To 3610. %

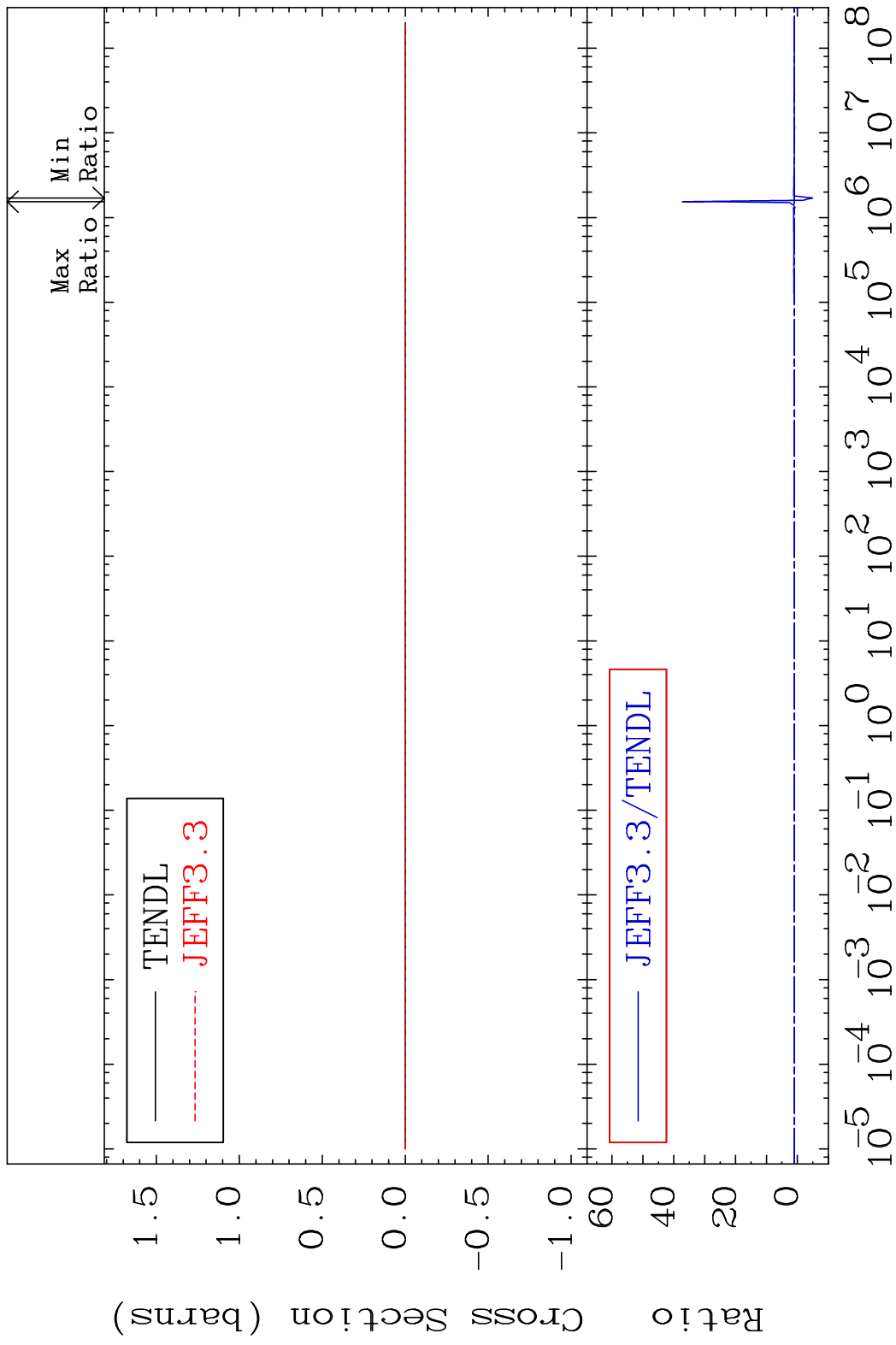


70 Incident Energy (eV) 75-Re-185

MAT 7525 Kerma inelastic (mt51-91) 75-Re-185
 Cross Section -591.7 To 3623. %

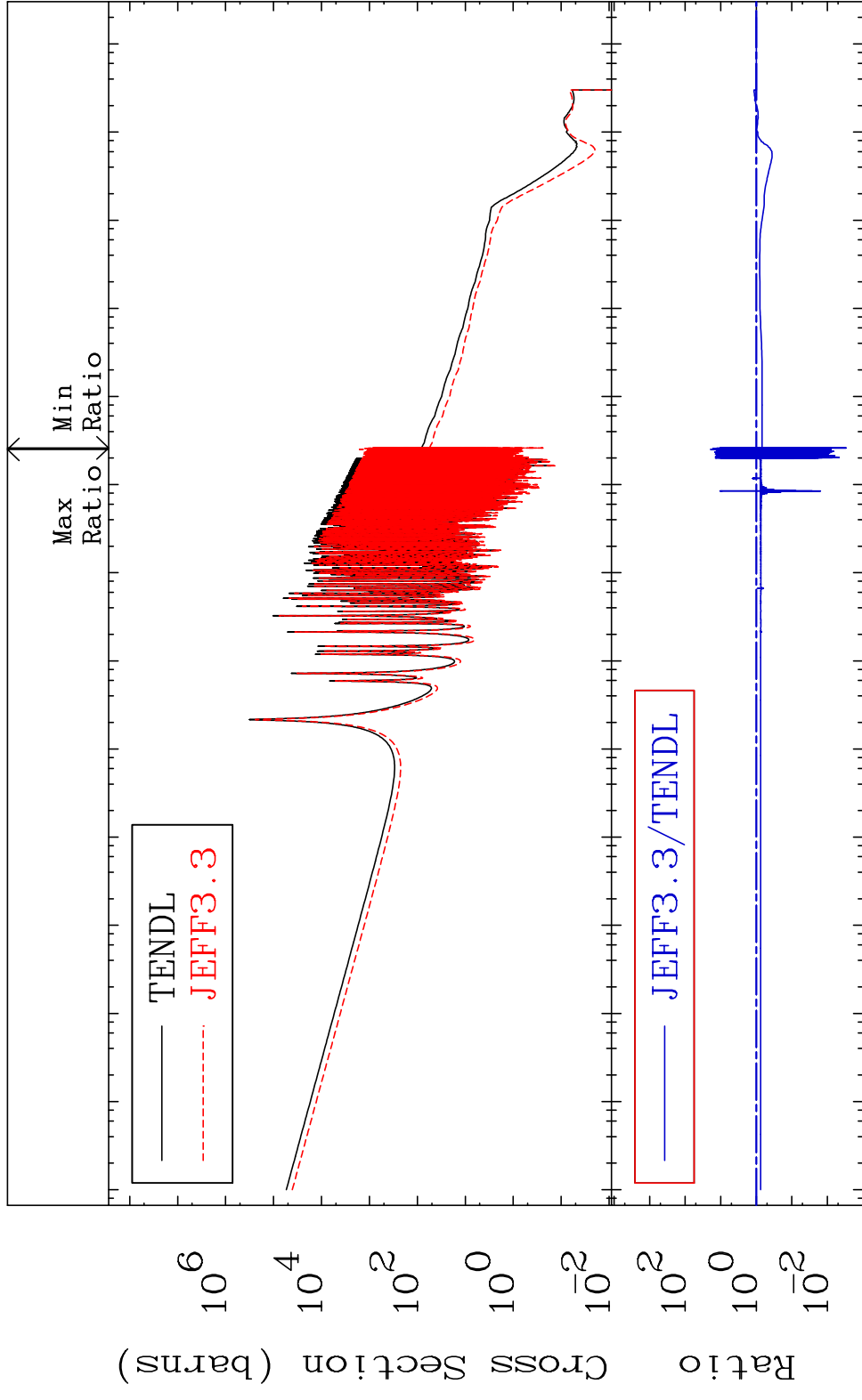


MAT 7525 Kerma fission (mt18 or mt19-20-21-38)75-Re-185
 Cross Section -591.7 To 3623. %



MAT 7525

Kerma capture (mt102) 75-Re-185
Cross Section -99.71 To 1808. %

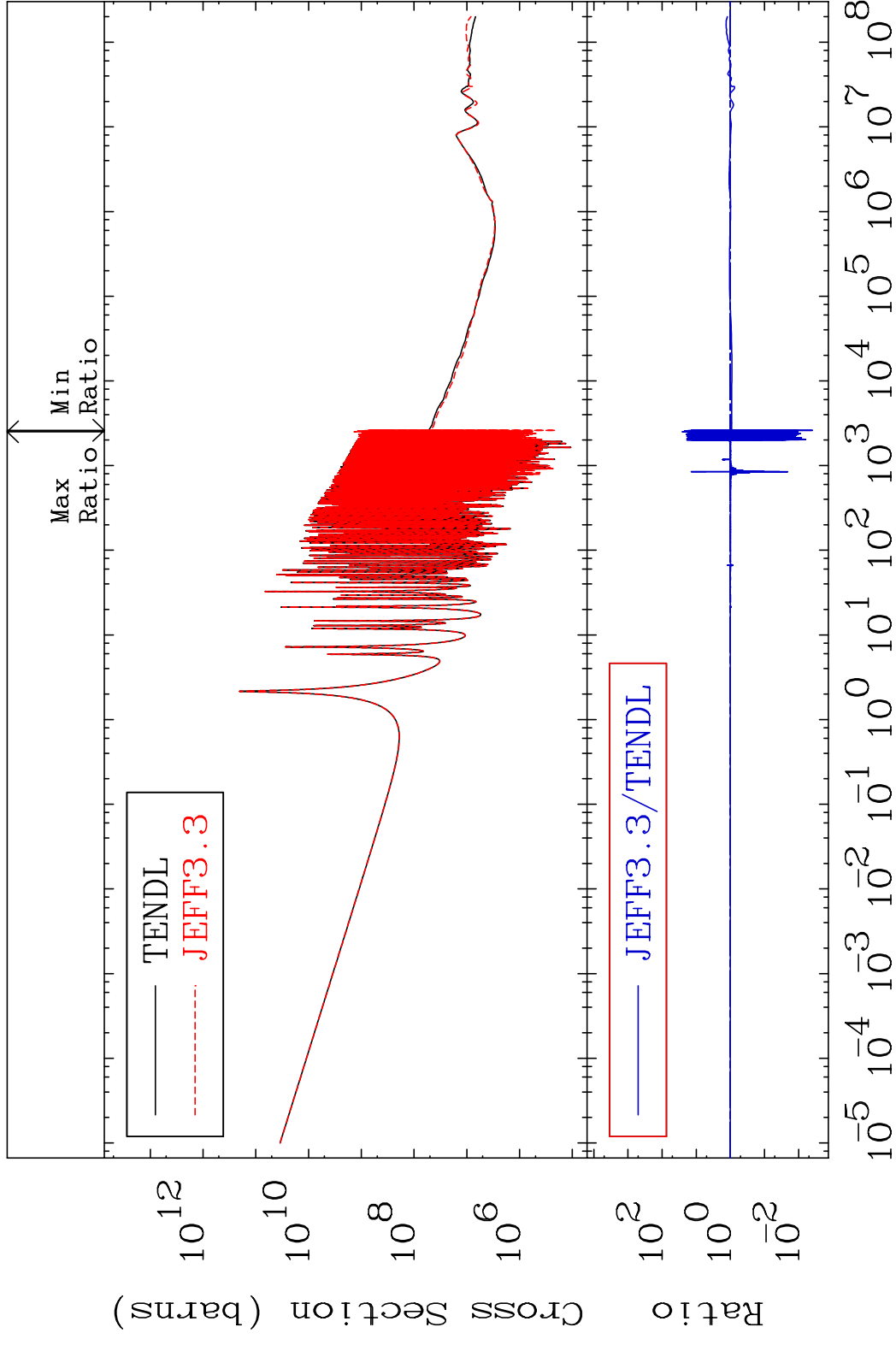


73

Incident Energy (eV)

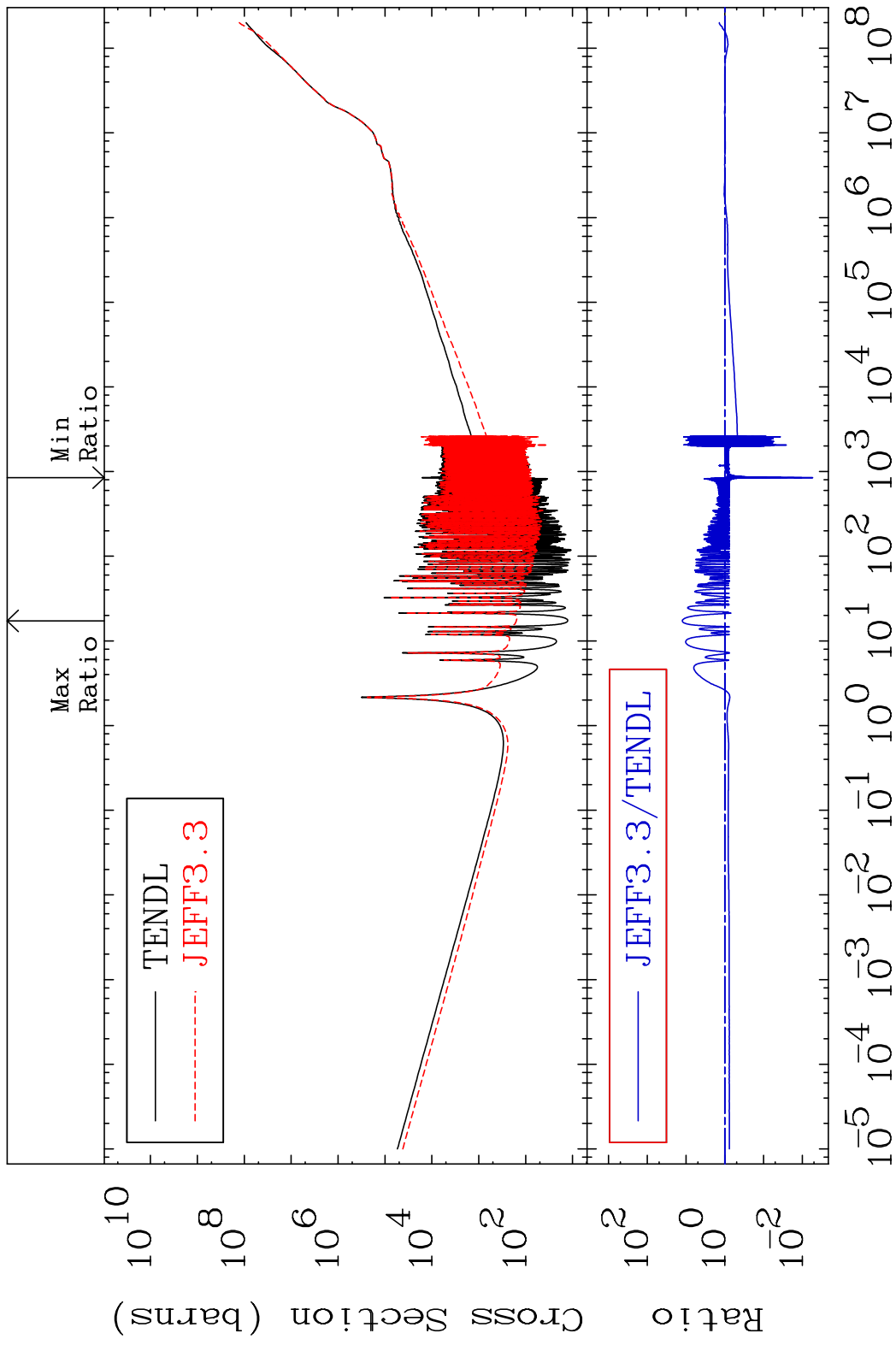
75-Re-185

MAT 7525 Total photon (eV-barns) 75-Re-185
 Cross Section -99.61 To 2445. %



74 Incident Energy (eV) 75-Re-185

MAT 7525 Total kinematic kerma (high limit) 75-Re-185
Cross Section -99.45 To 1151. %

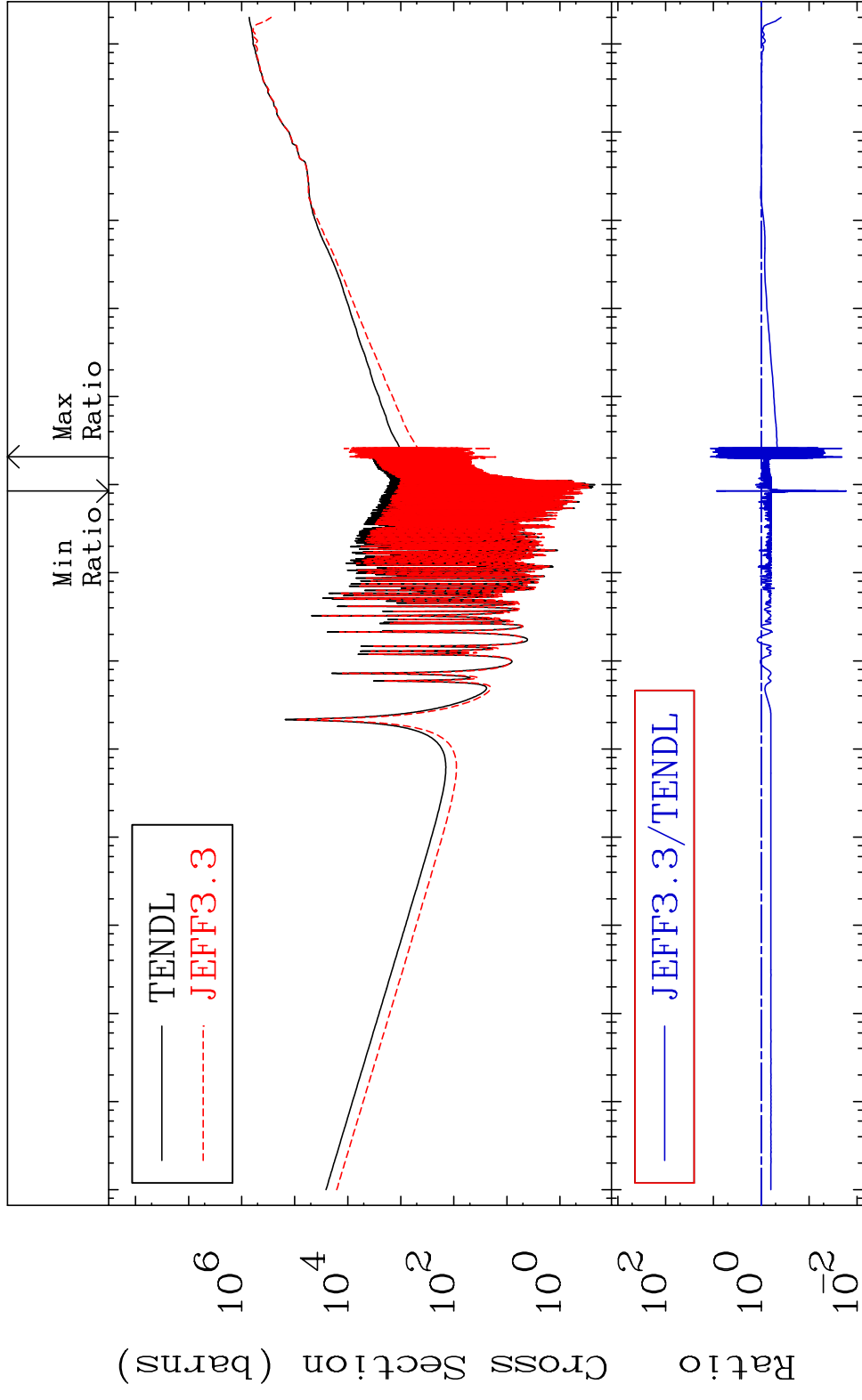


MAT 7525

Dpa total (eV-barns)

75-Re-185

Cross Section -98.33 To 1042. %



76

Incident Energy (eV)

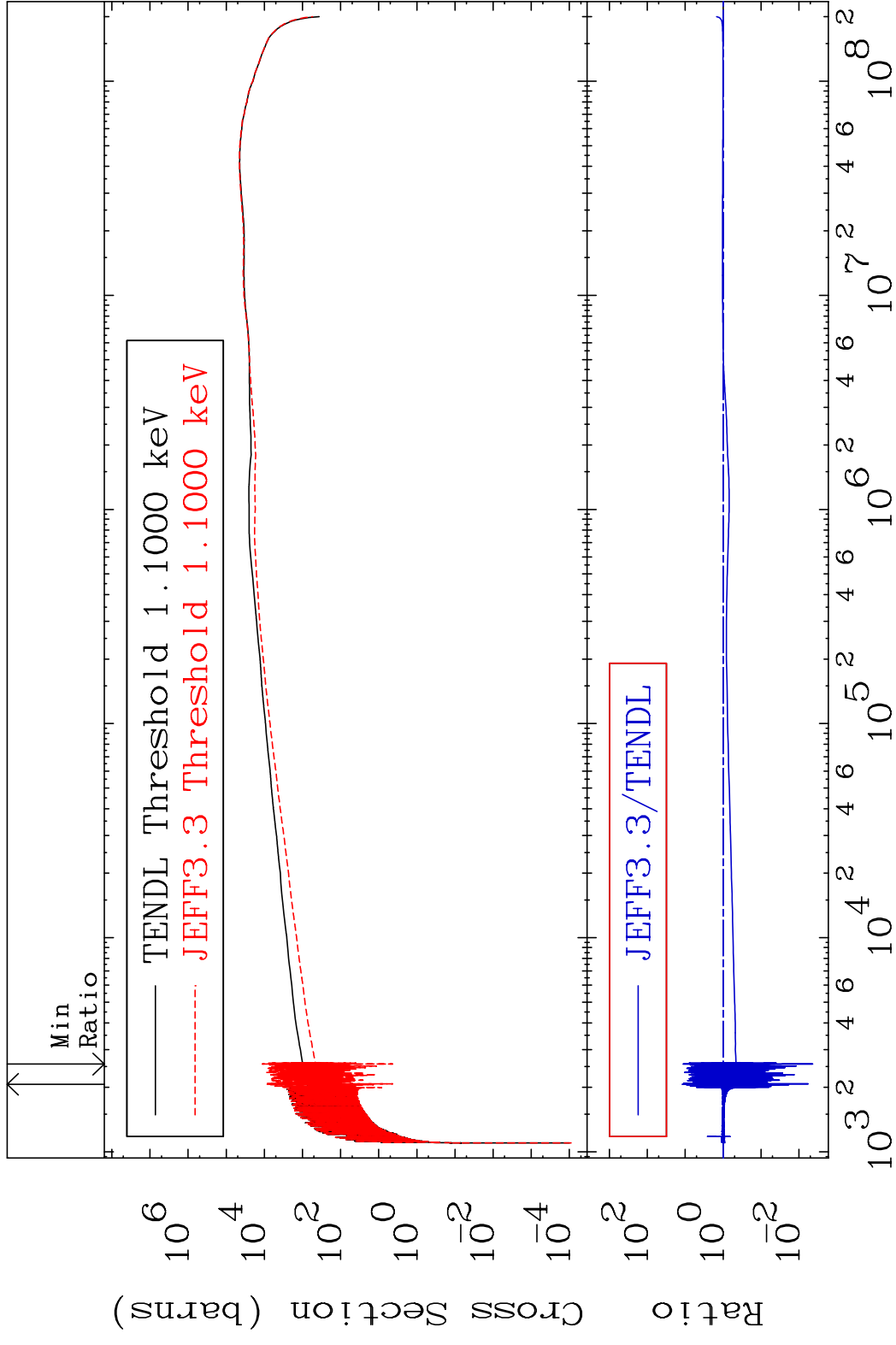
75-Re-185

MAT 7525

Dpa elastic (mt2)

75-Re-185

Cross Section -99.56 To 1091. %

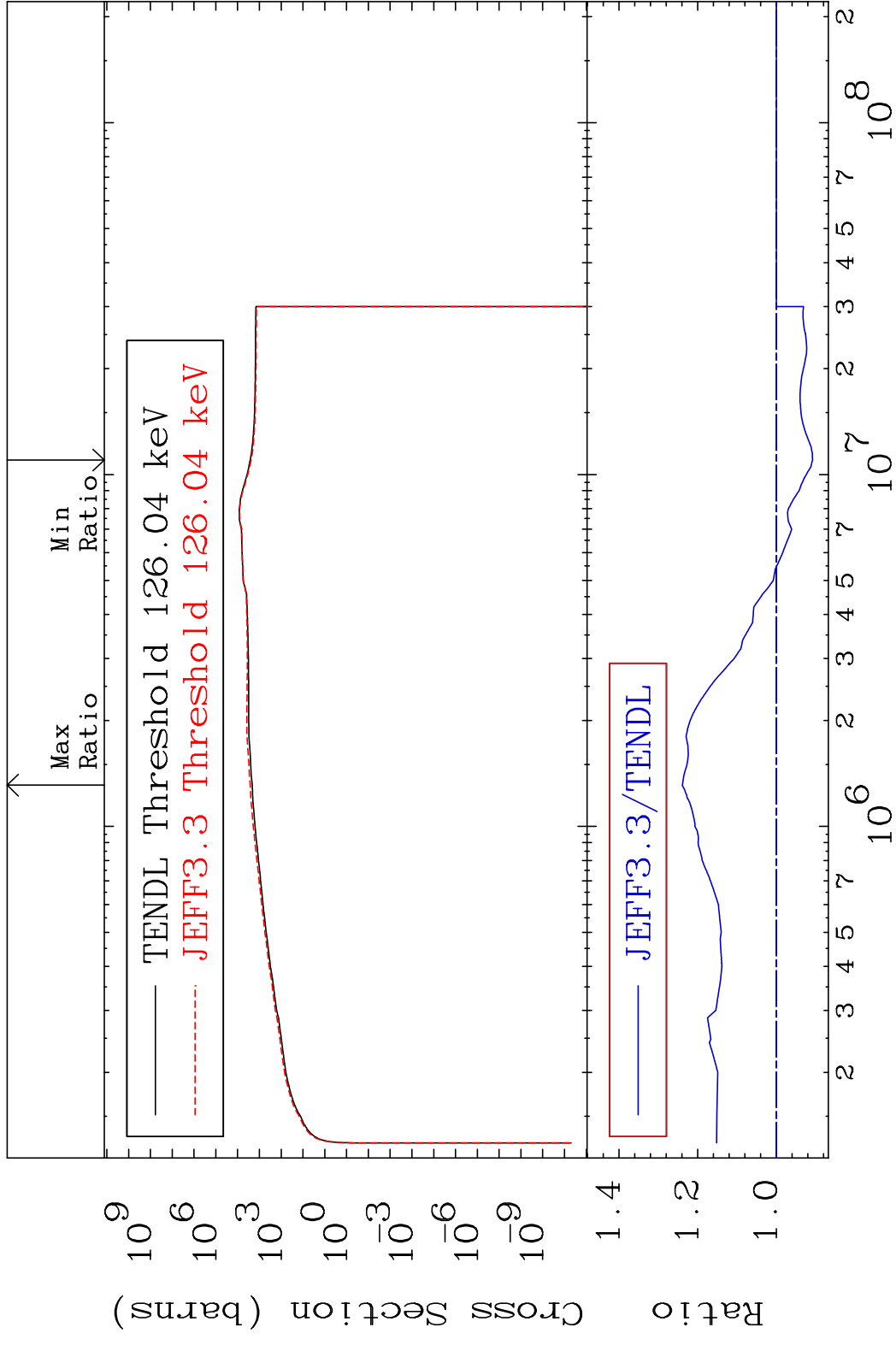


77

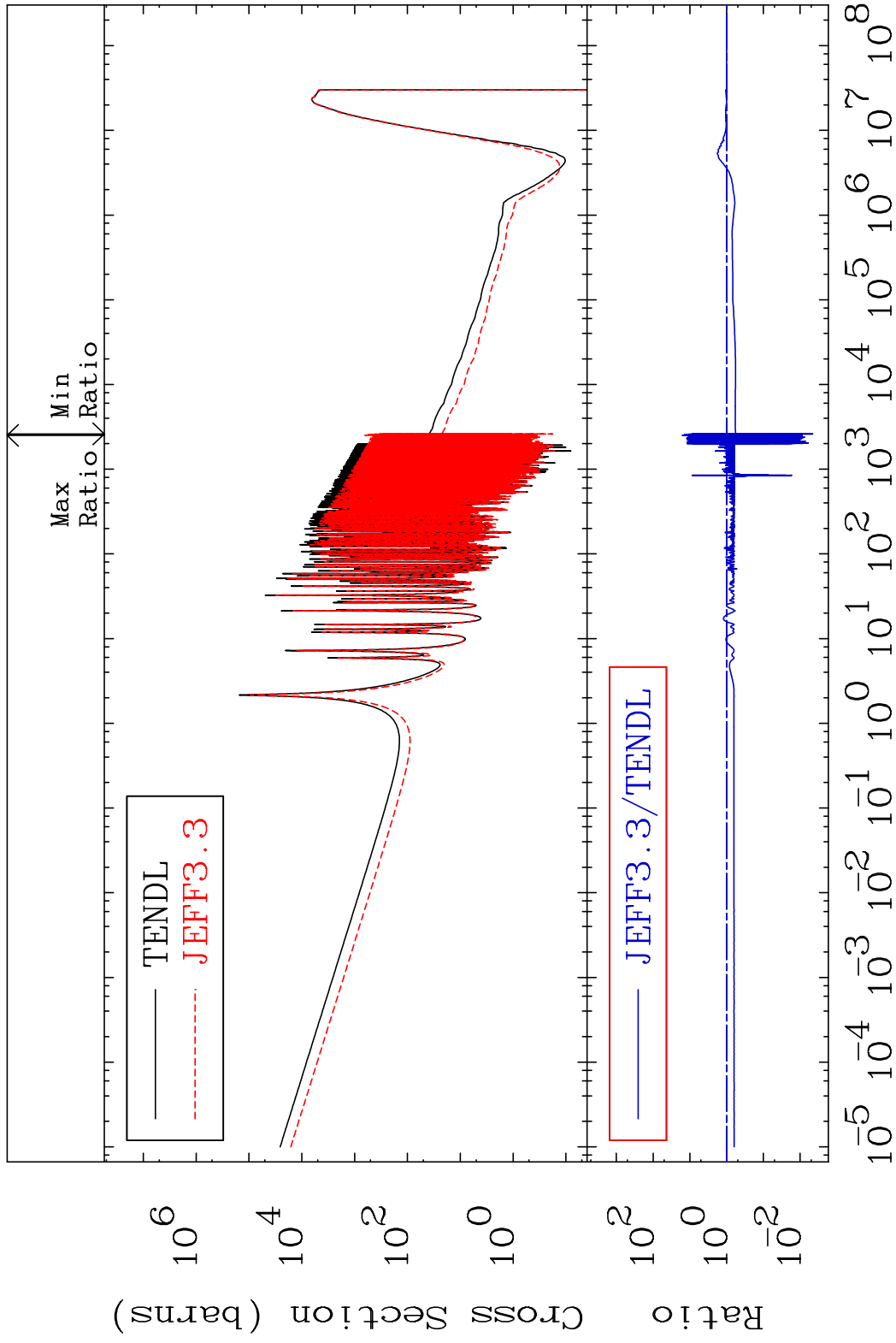
Incident Energy (eV)

75-Re-185

MAT 7525 Dpa inelastic (mt51-91) 75-Re-185
 Cross Section -9.182 To 23.89 %

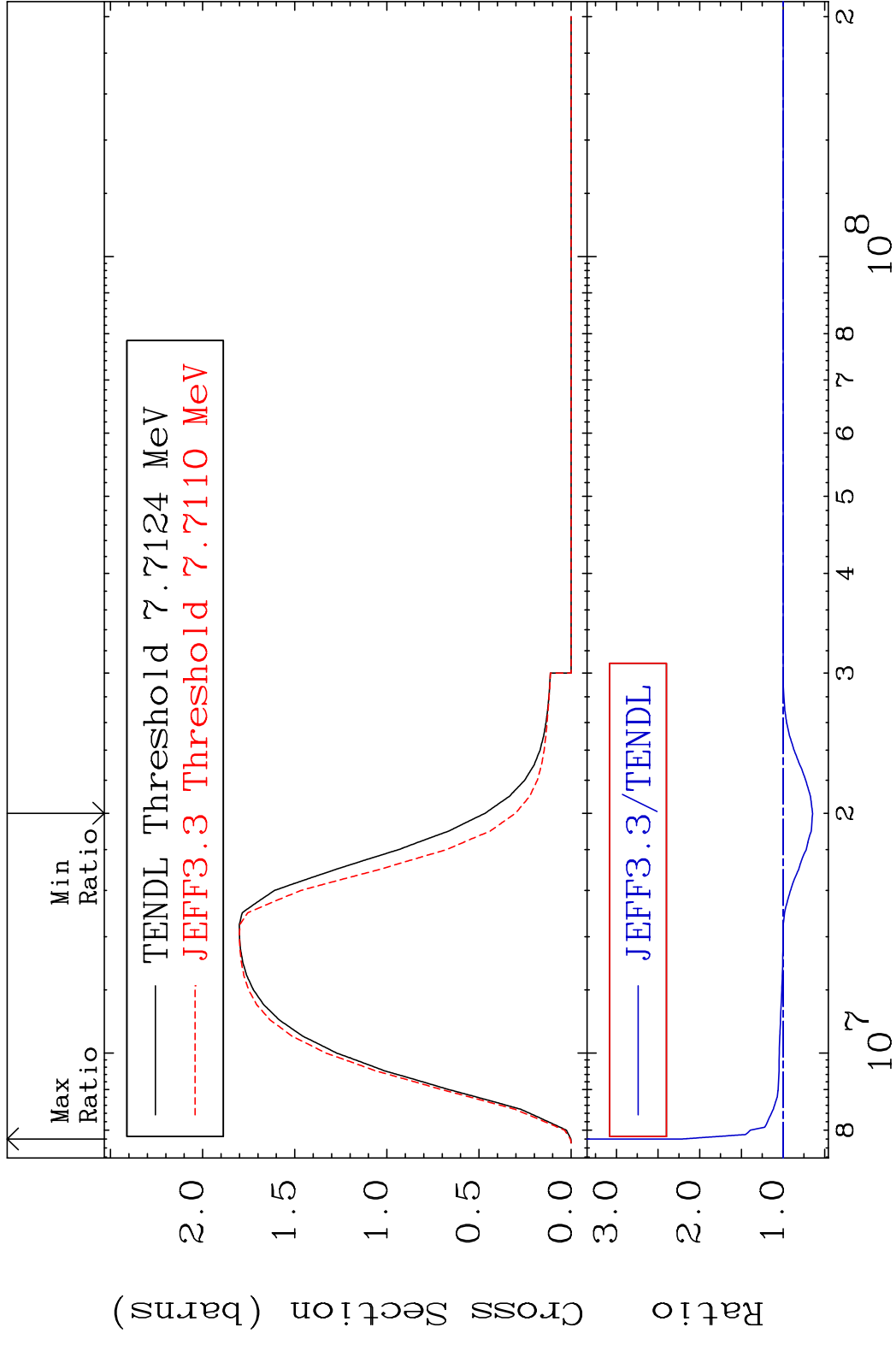


MAT 7525 Dpa disappearance (mt102 -120) 75-Re-185
 Cross Section -99.54 To 1501. %



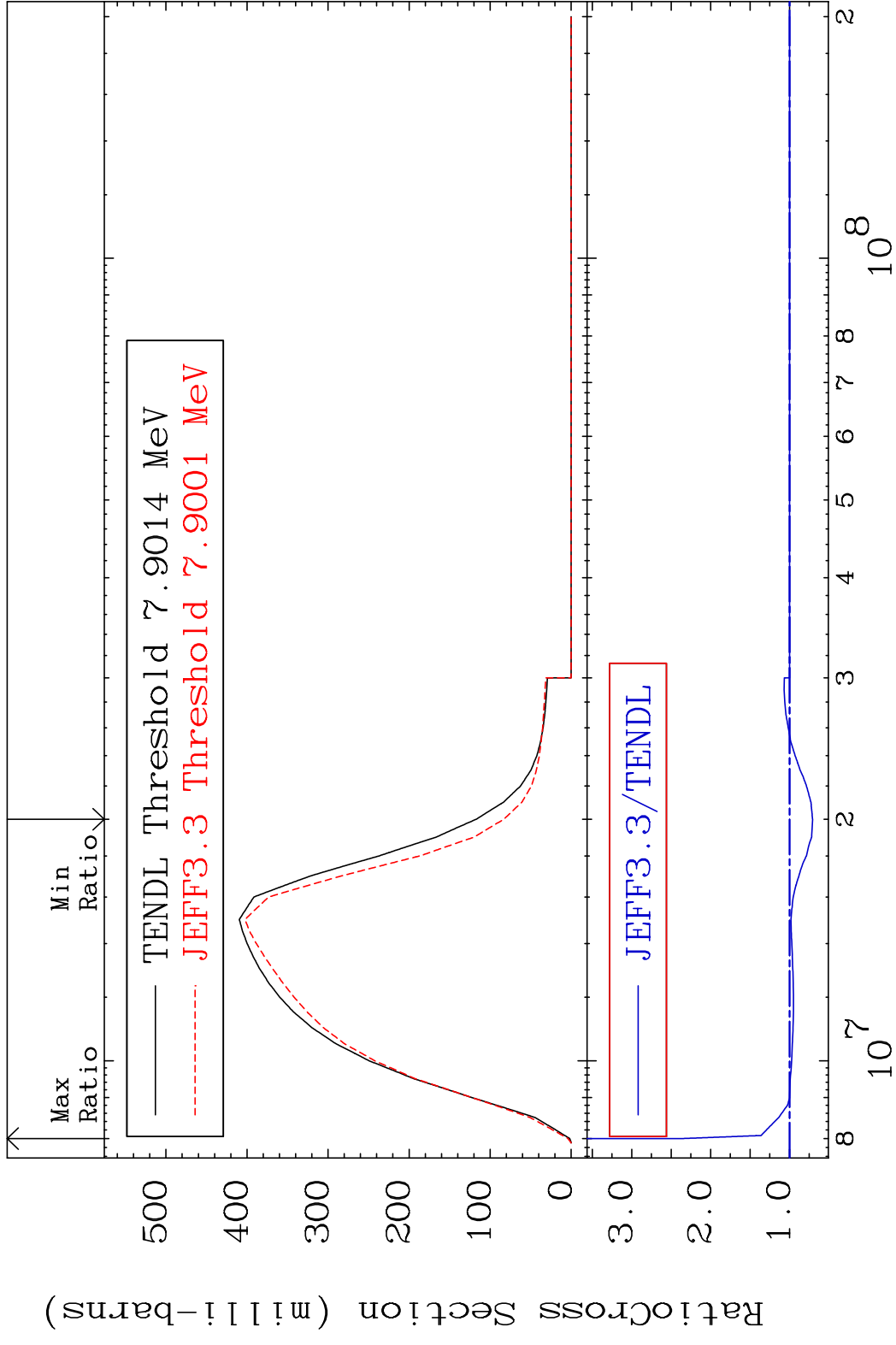
79 Incident Energy (eV) 75-Re-185

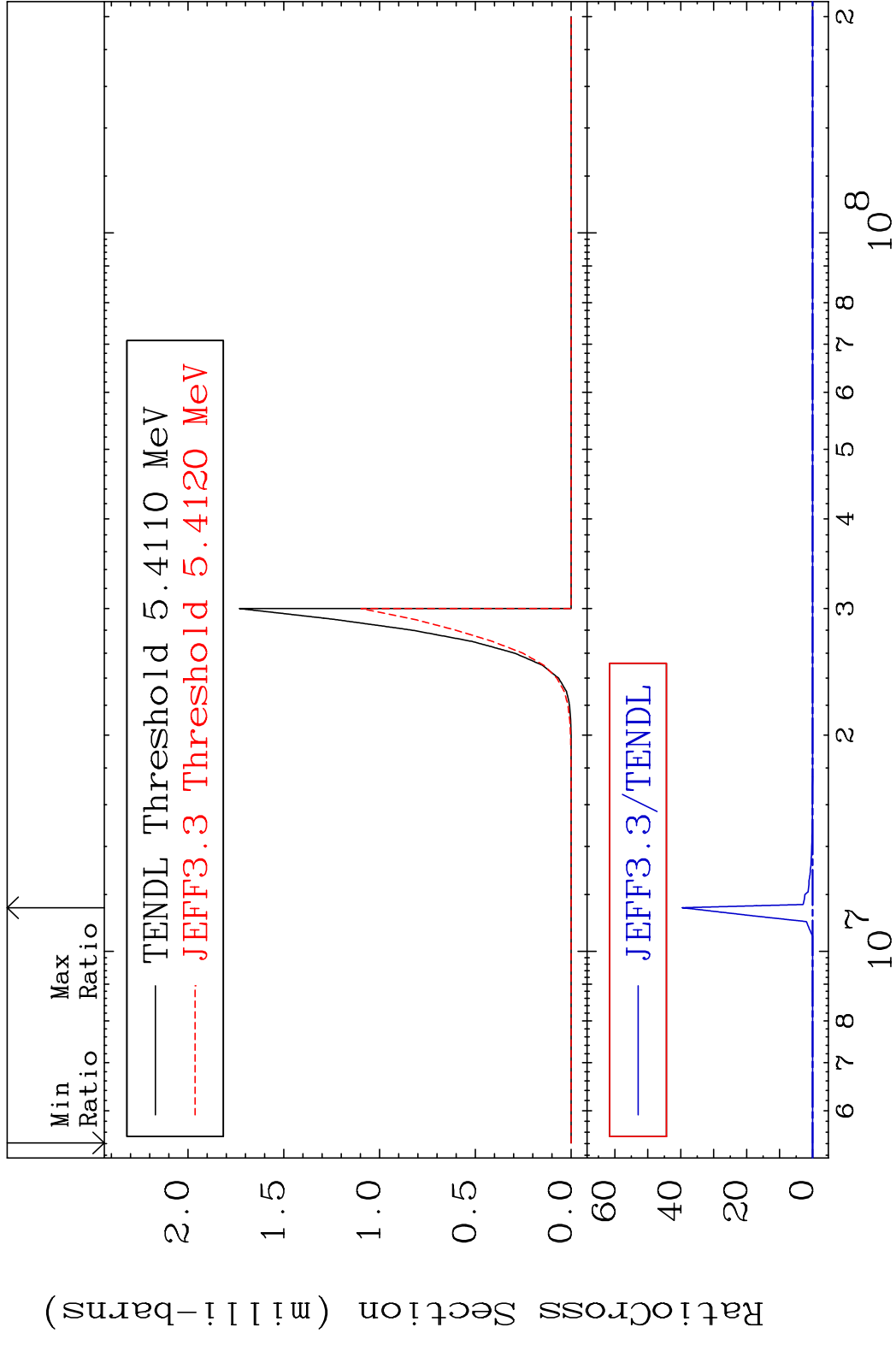
MAT 7525 (n,2n):75-Re-184g 75-Re-185
 Radionuclide Production Cross Section 120.8 %

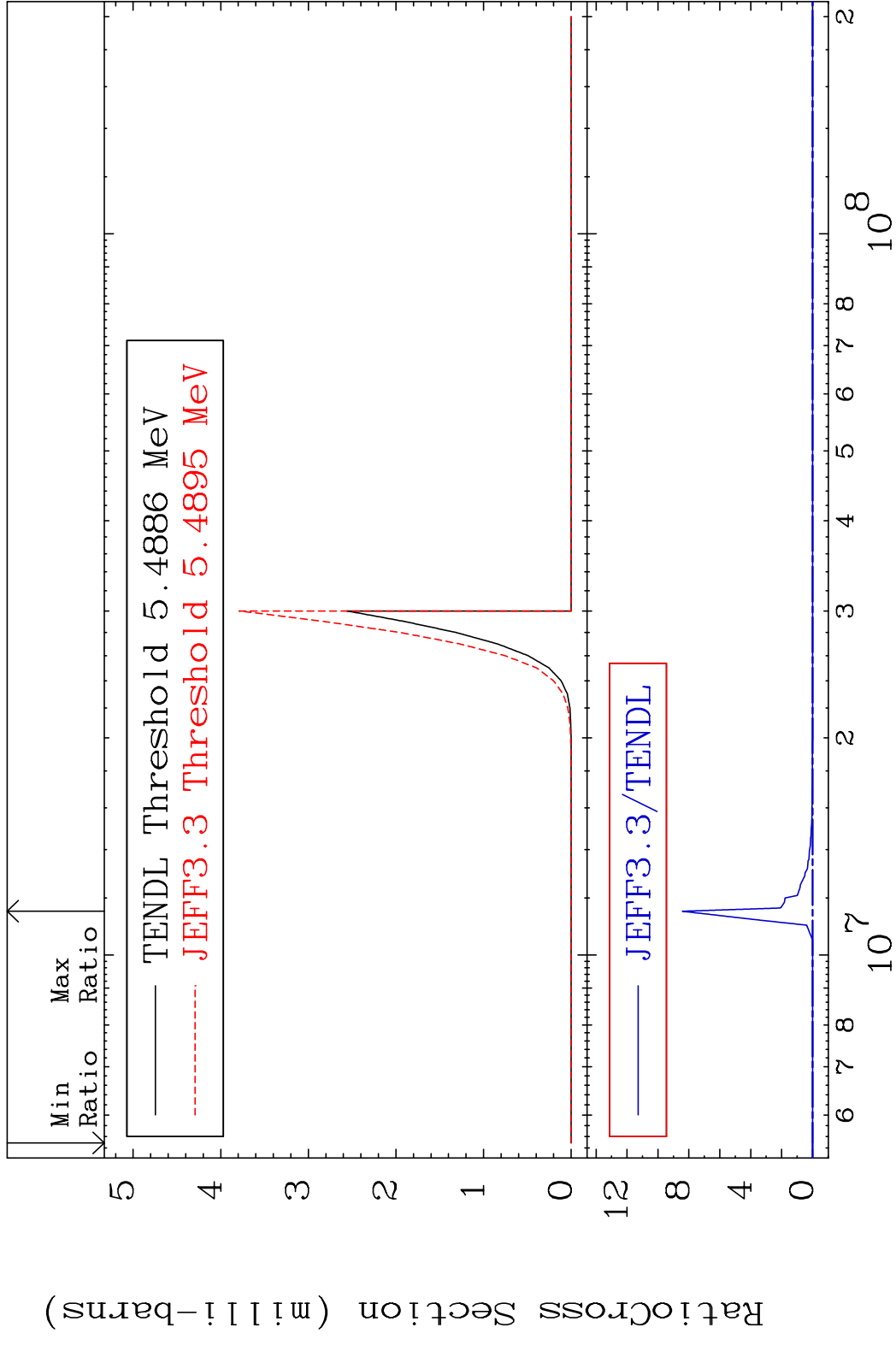


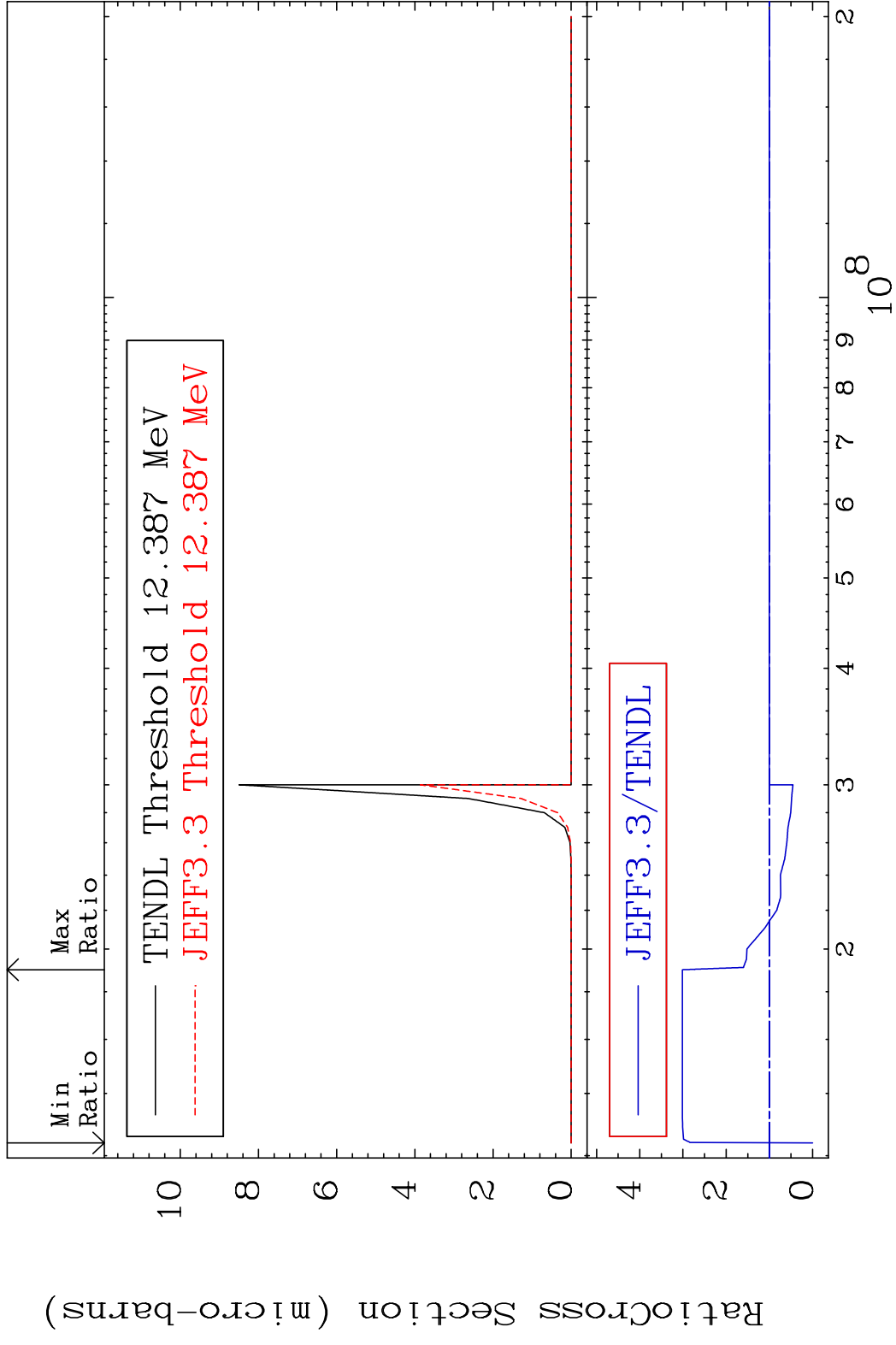
80 Incident Energy (eV) 75-Re-185

MAT 7525 (n,2n):75-Re-184m5 75-Re-185
 Radionuclide Production Cross Section 135.8 %

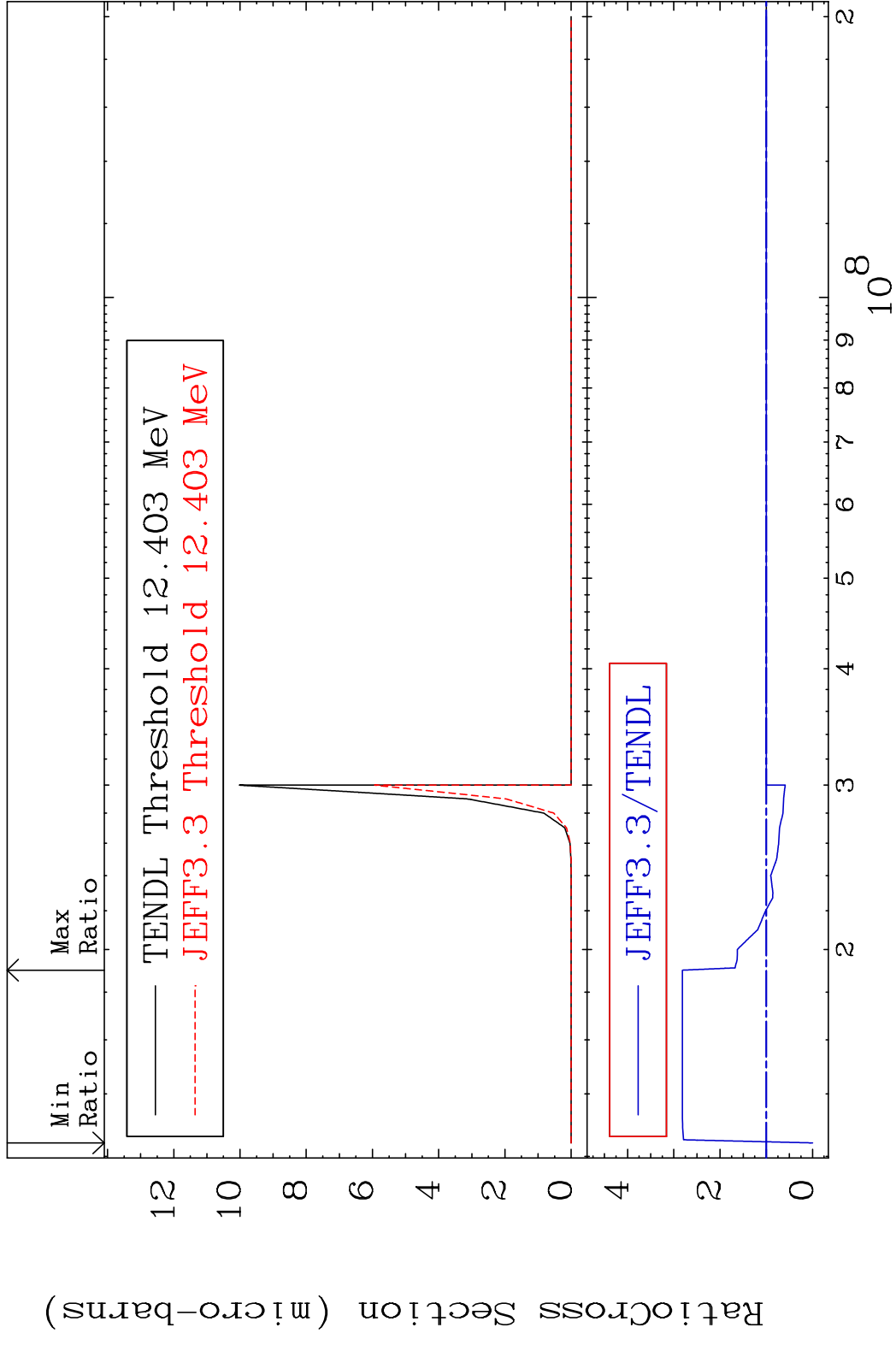


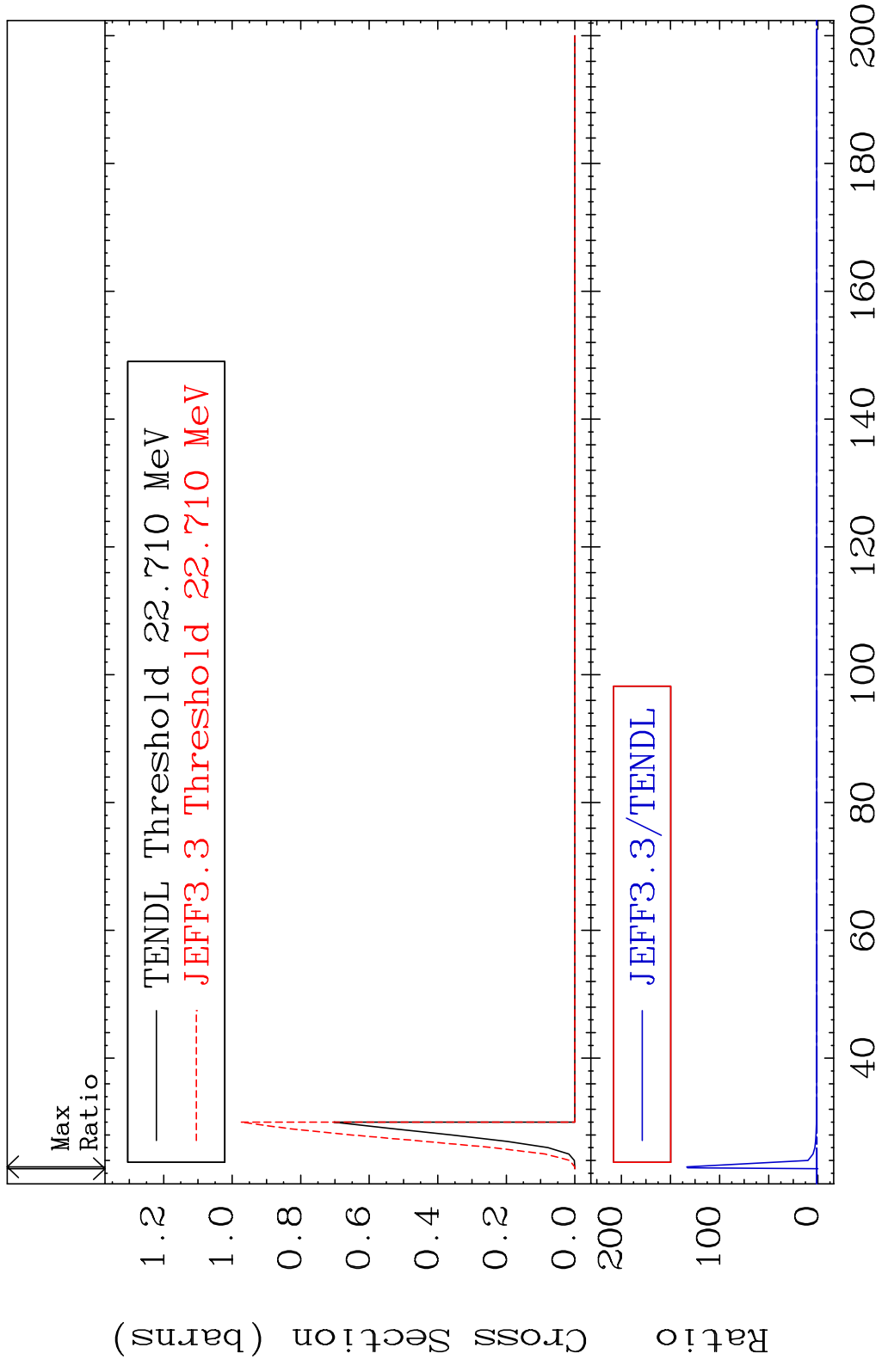




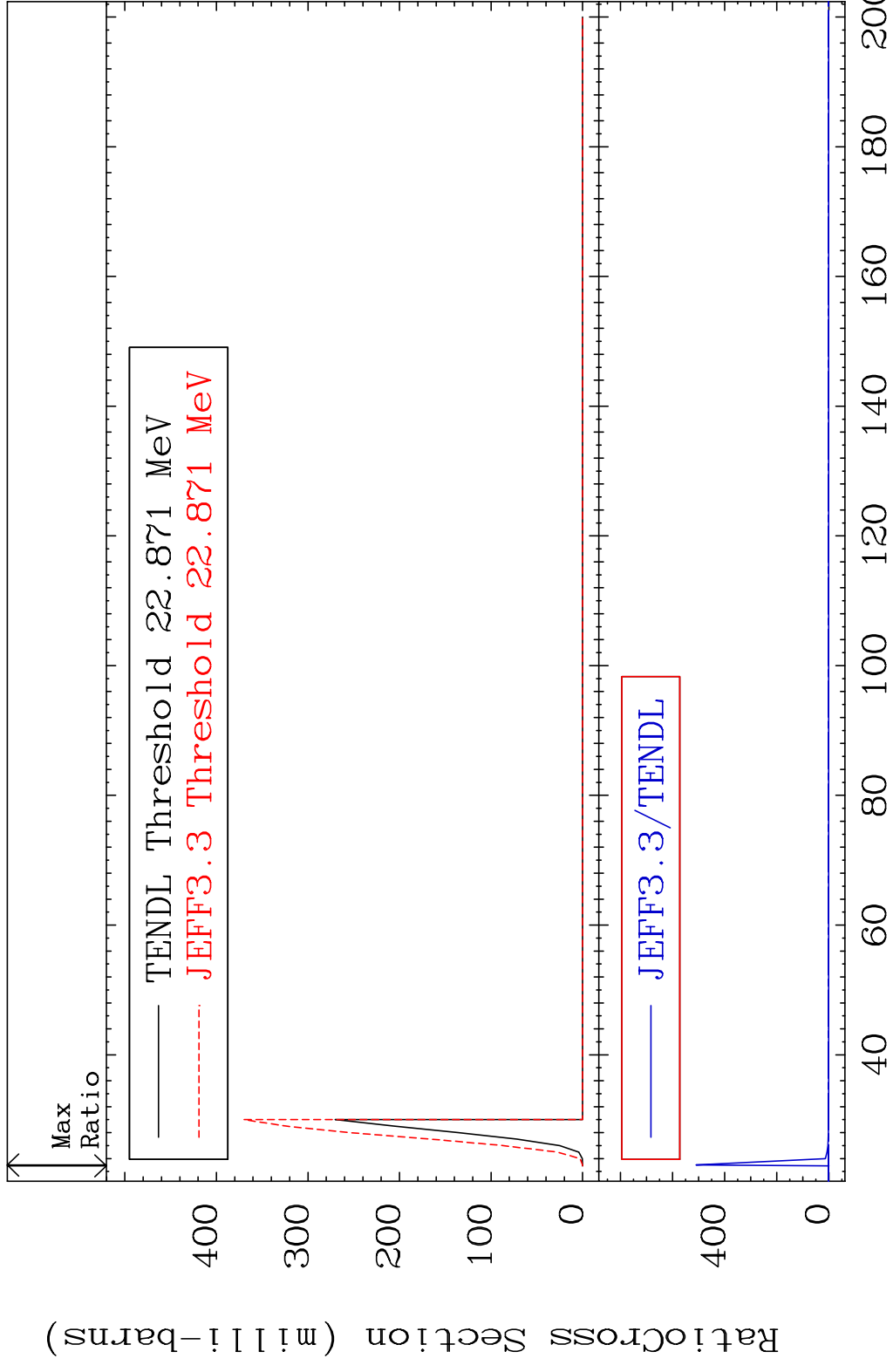


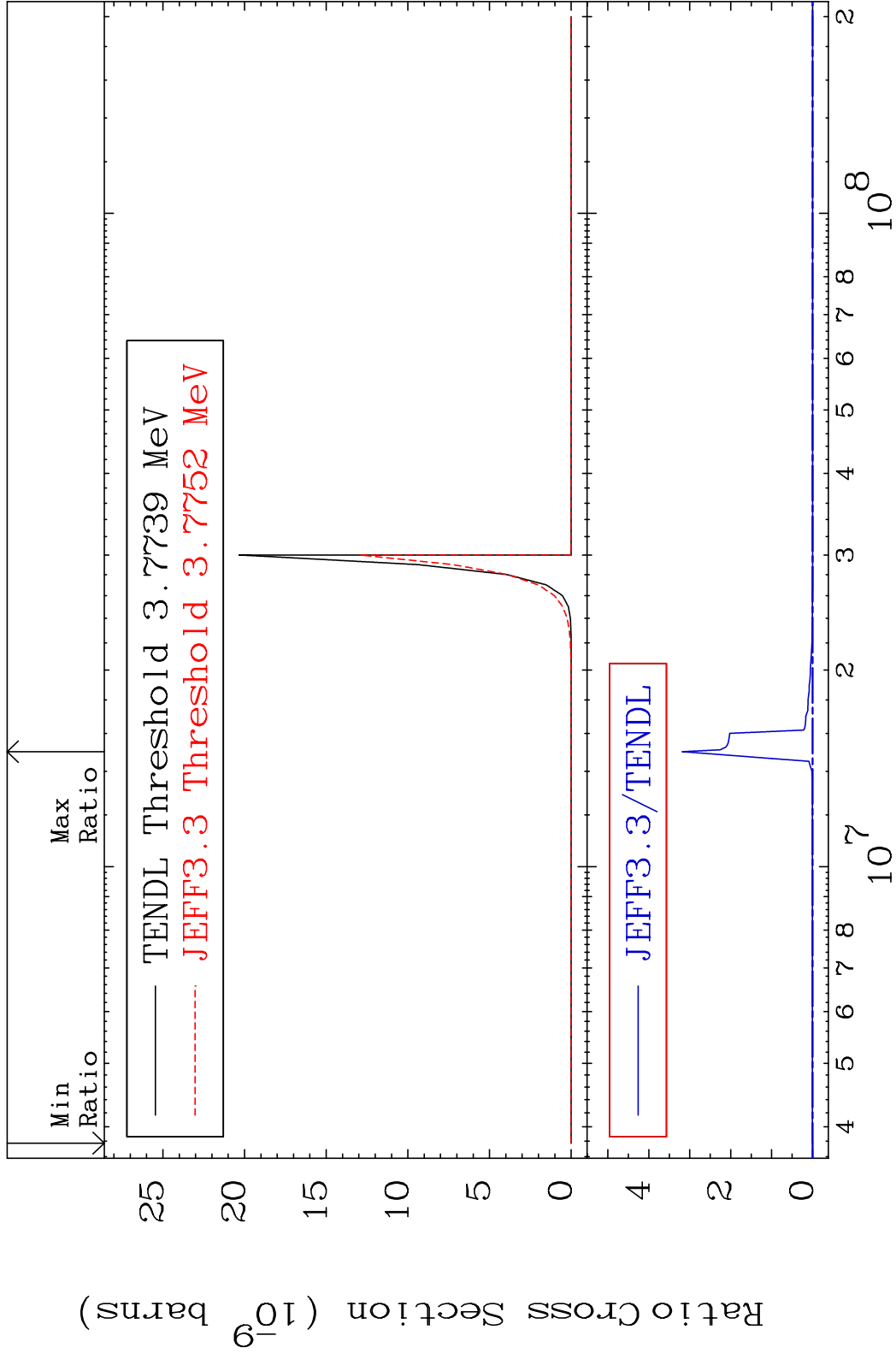
MAT 7525 (n, n') He-3:73-Ta-182m1 75-Re-185
 Radionuclide Production Cross Section 181.5 %



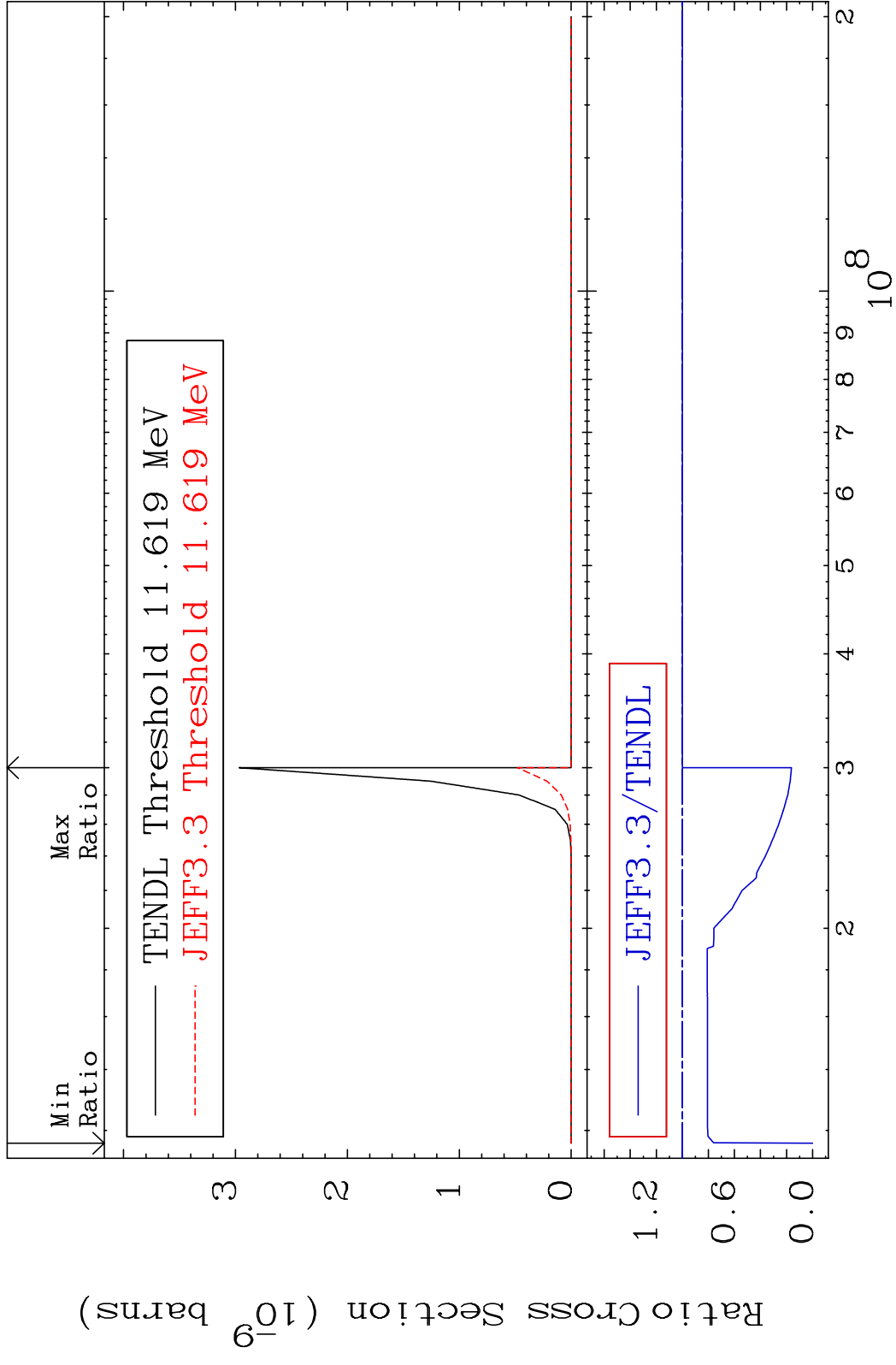


MAT 7525 (n, 4n) : 75-Re-182m2 75-Re-185
 Radionuclide Production Cross Section Ratio 9999. %





MAT 7525 (n, p) t:73-Ta-182g 75-Re-185
 Radionuclide Production Cross Section Ratio 0.000 %



MAT 7525 (n, p) t:73-Ta-182m1 75-Re-185
 Radionuclide Production Cross Section Ratio 0.000 %

