

Program Complot
(Version 2021-1)

by

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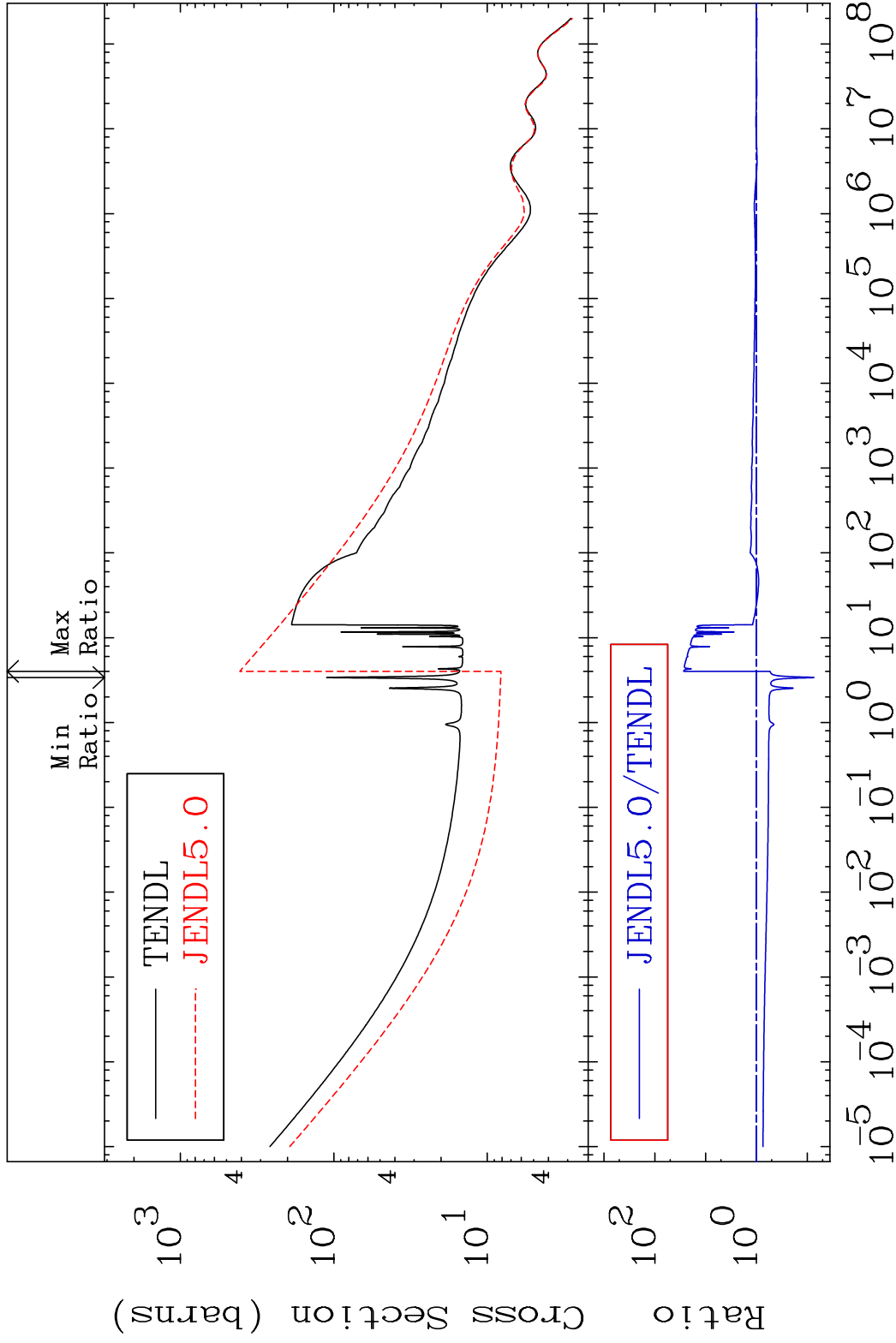
Press Mouse Button to Start

MAT 7835

Total

78-Pt-193m

Cross Section -92.66 To 2606. %



1

Incident Energy (eV)

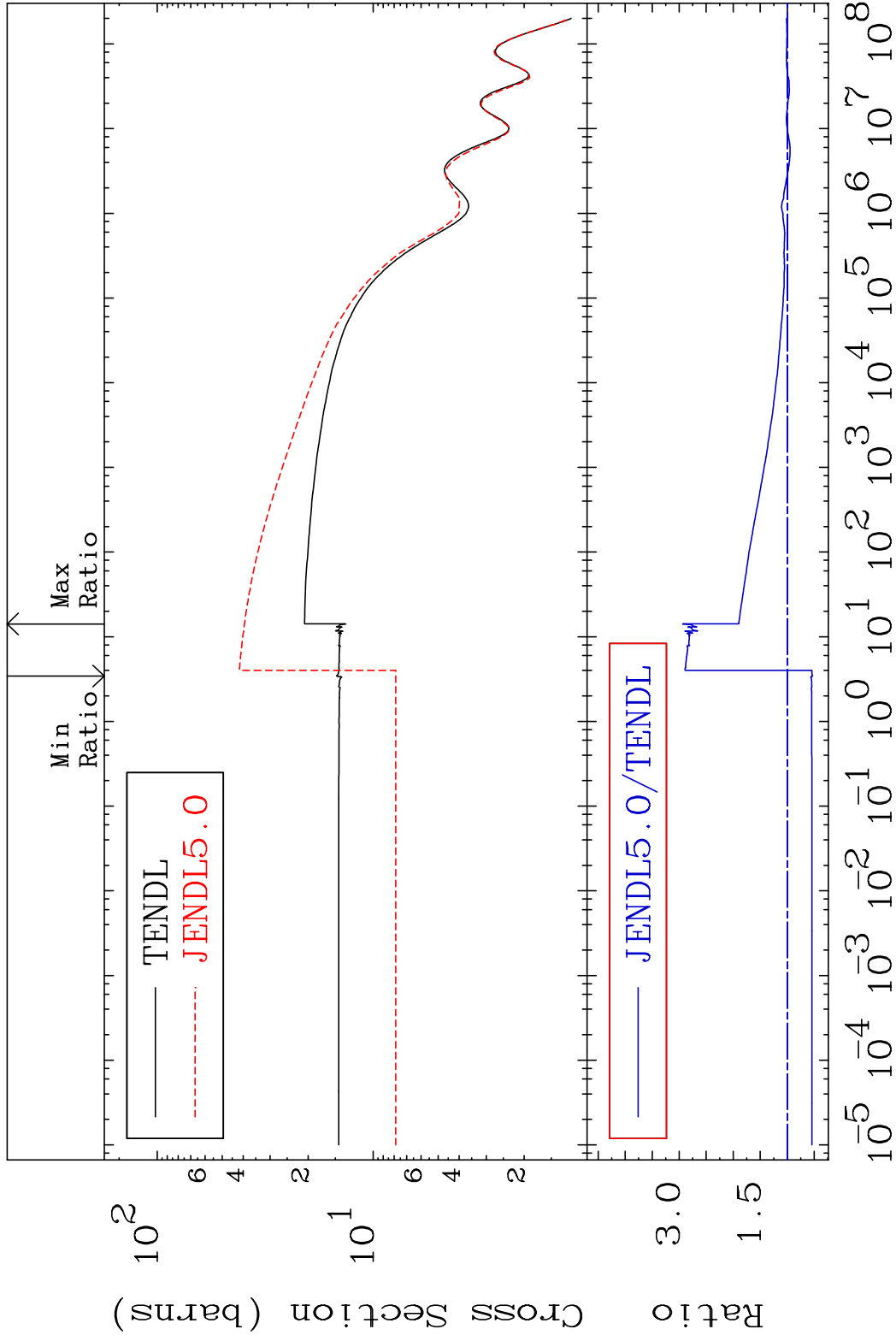
78-Pt-193m

MAT 7835

Elastic

78-Pt-193m

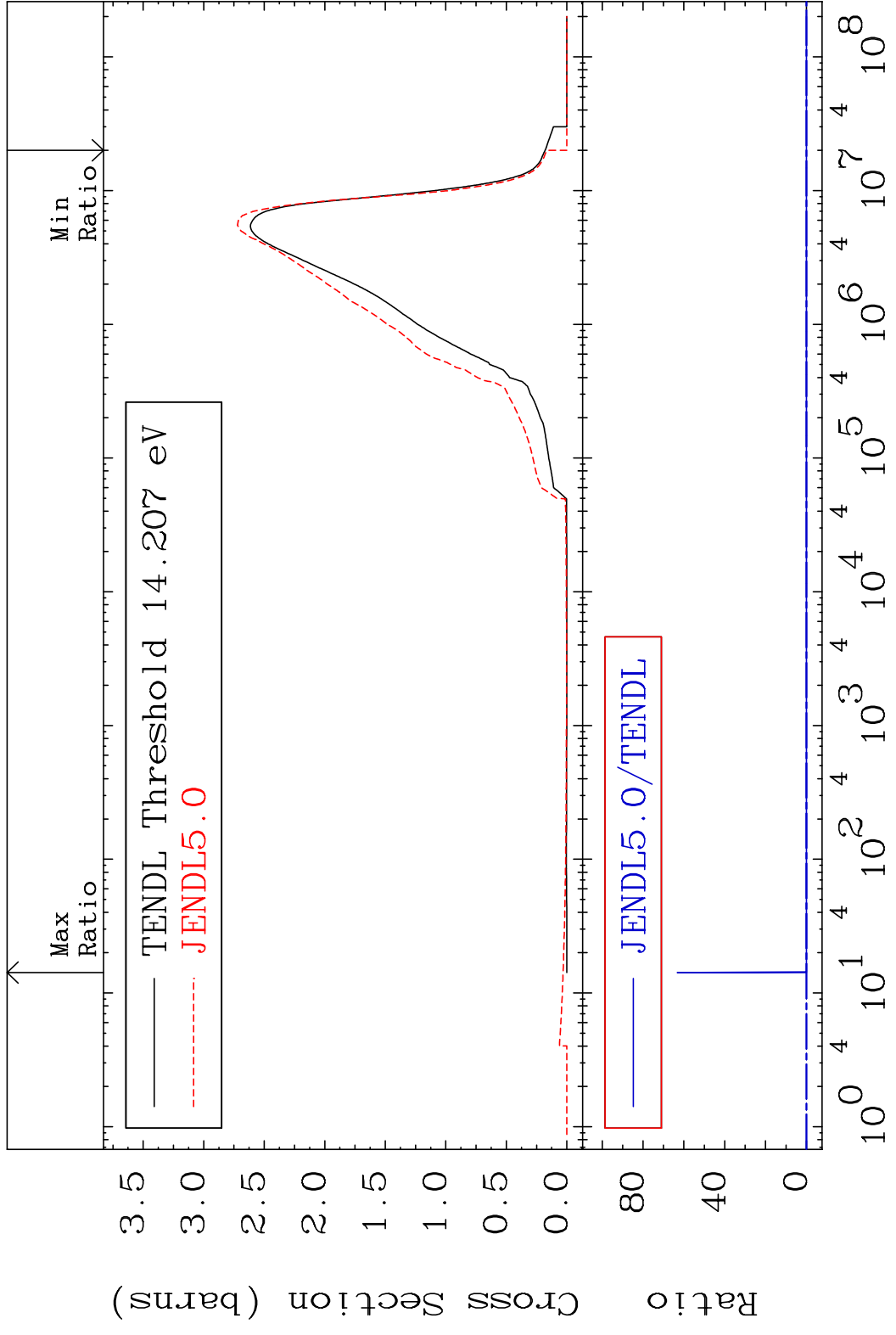
Cross Section -46.88 To 194.2 %



78-Pt-193m

Incident Energy (eV)

MAT 7835 Inelastic Cross Section -100.0 To 9999. % 78-Pt-193m



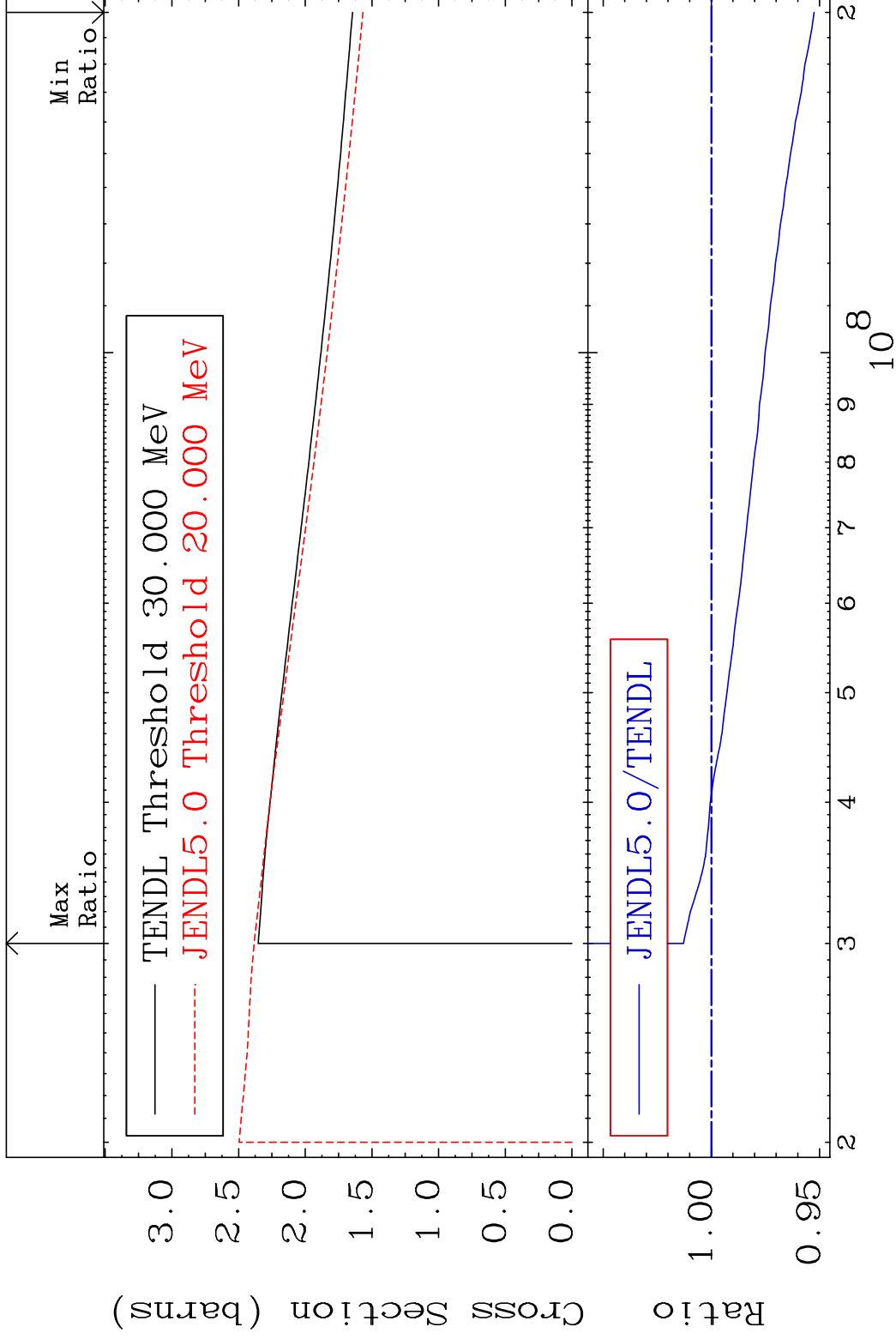
3 Incident Energy (eV) 78-Pt-193m

MAT 7835

(n, remainder)

78-Pt-193m

Cross Section -4.749 To 1.288 %

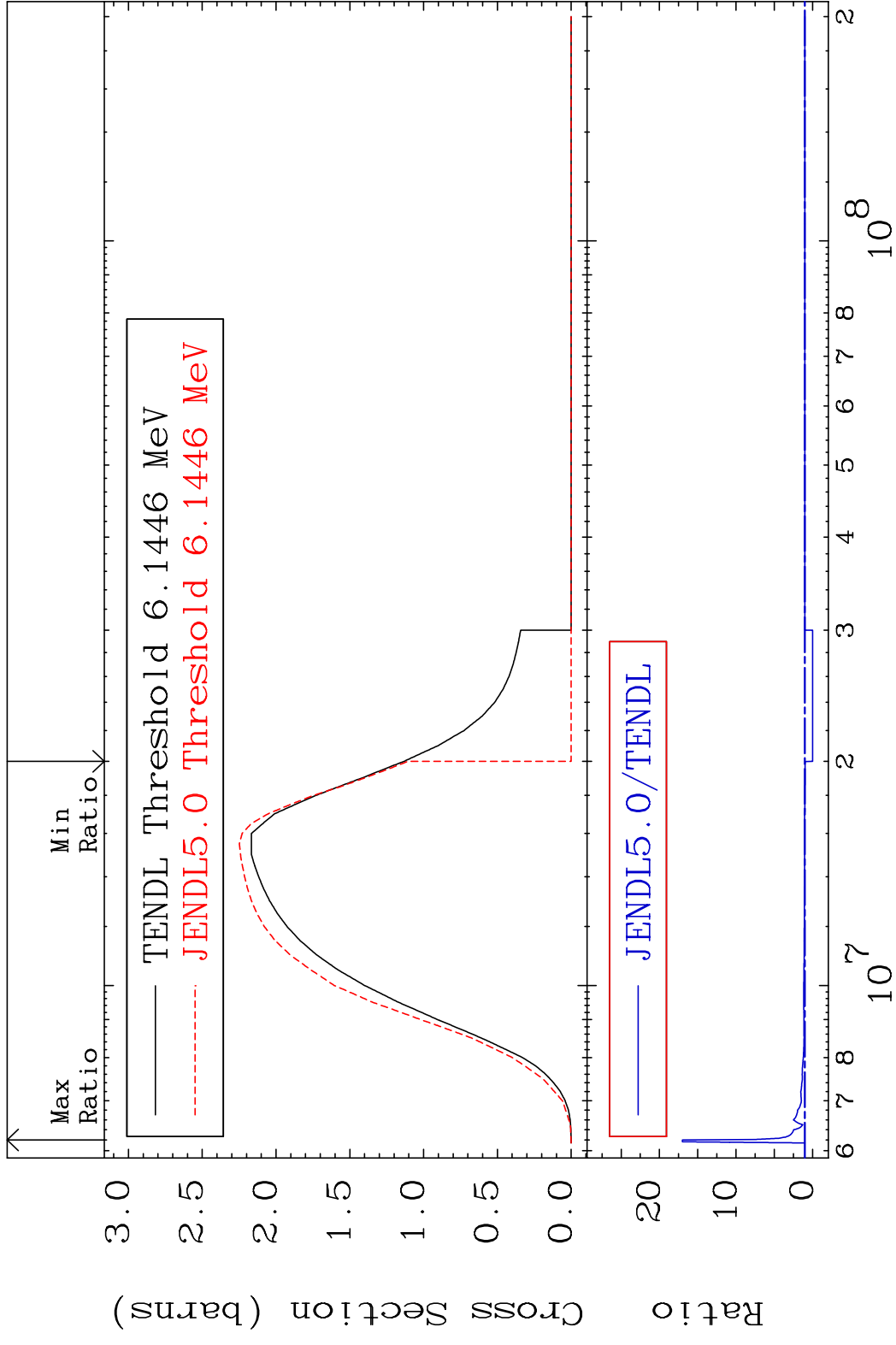


4

Incident Energy (eV)

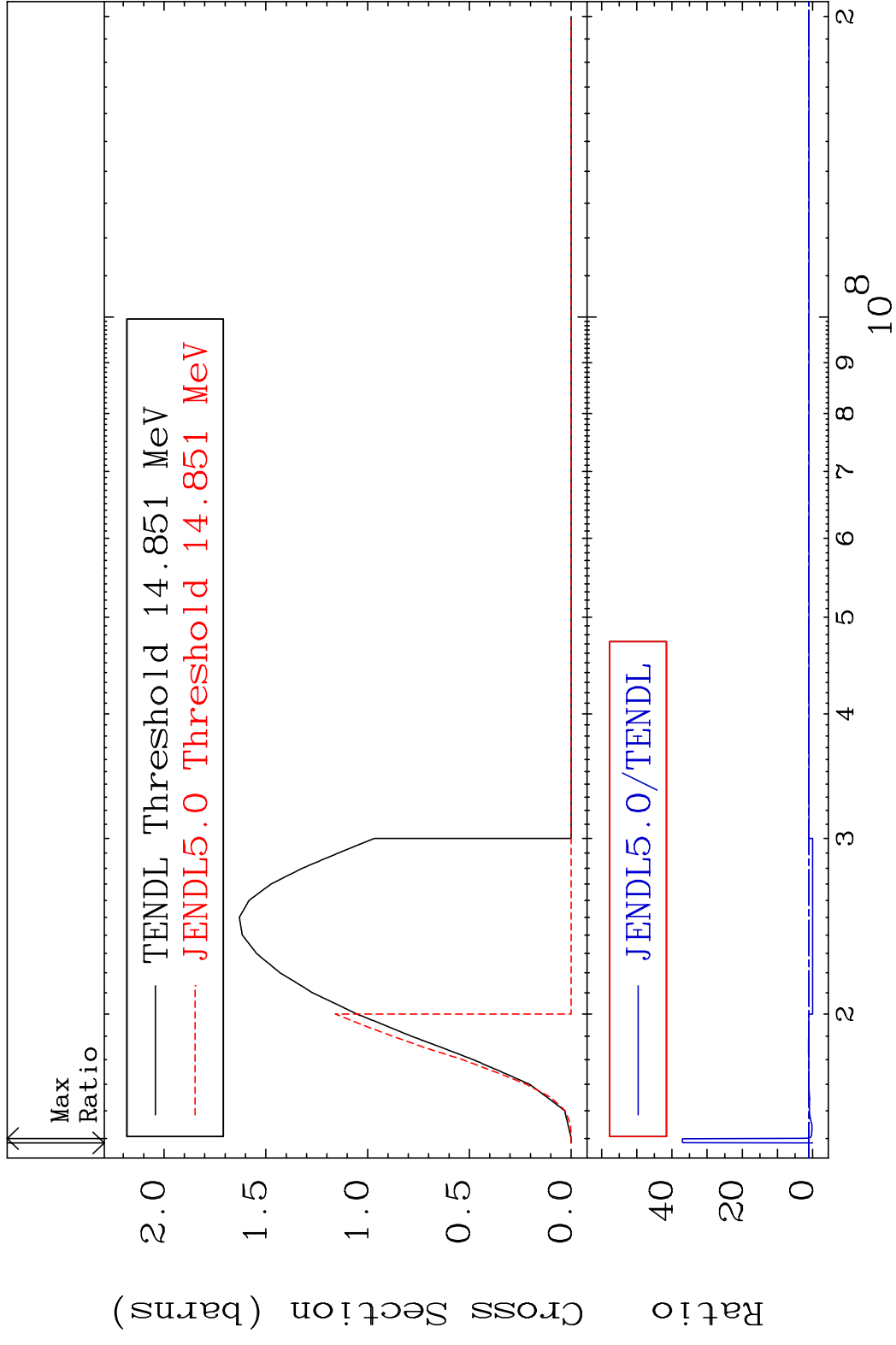
78-Pt-193m

MAT 7835 (n,2n) 78-Pt-193m
 Cross Section -100.0 To 1601. %



5 6 7 8 10⁷ 10⁸ 2
 78-Pt-193m

MAT 7835 (n,3n) 78-Pt-193m
 Cross Section -100.0 To 3605. %

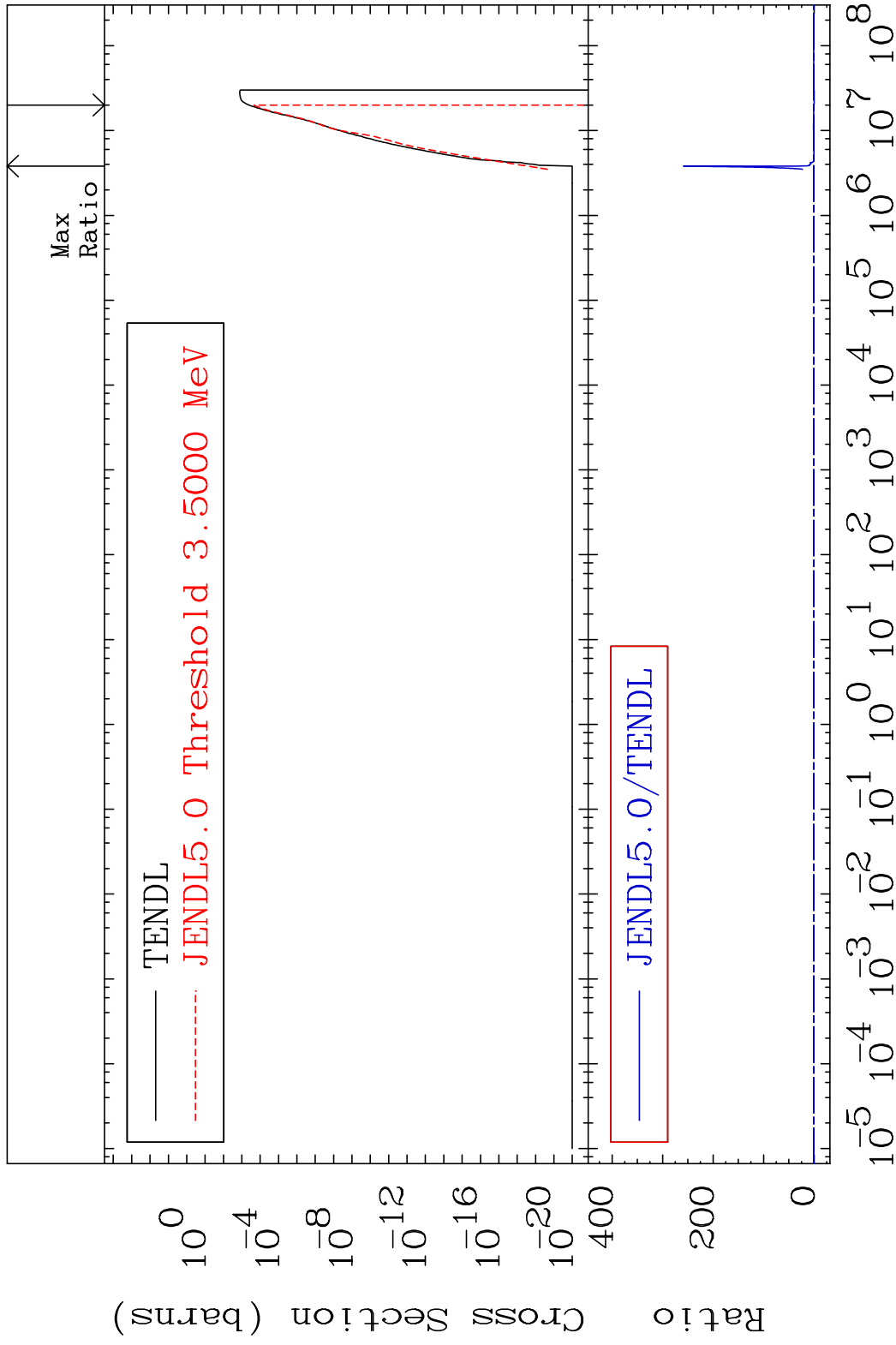


MAT 7835

(n, n') α

78-Pt-193m

Cross Section -100.0 To 9999. %

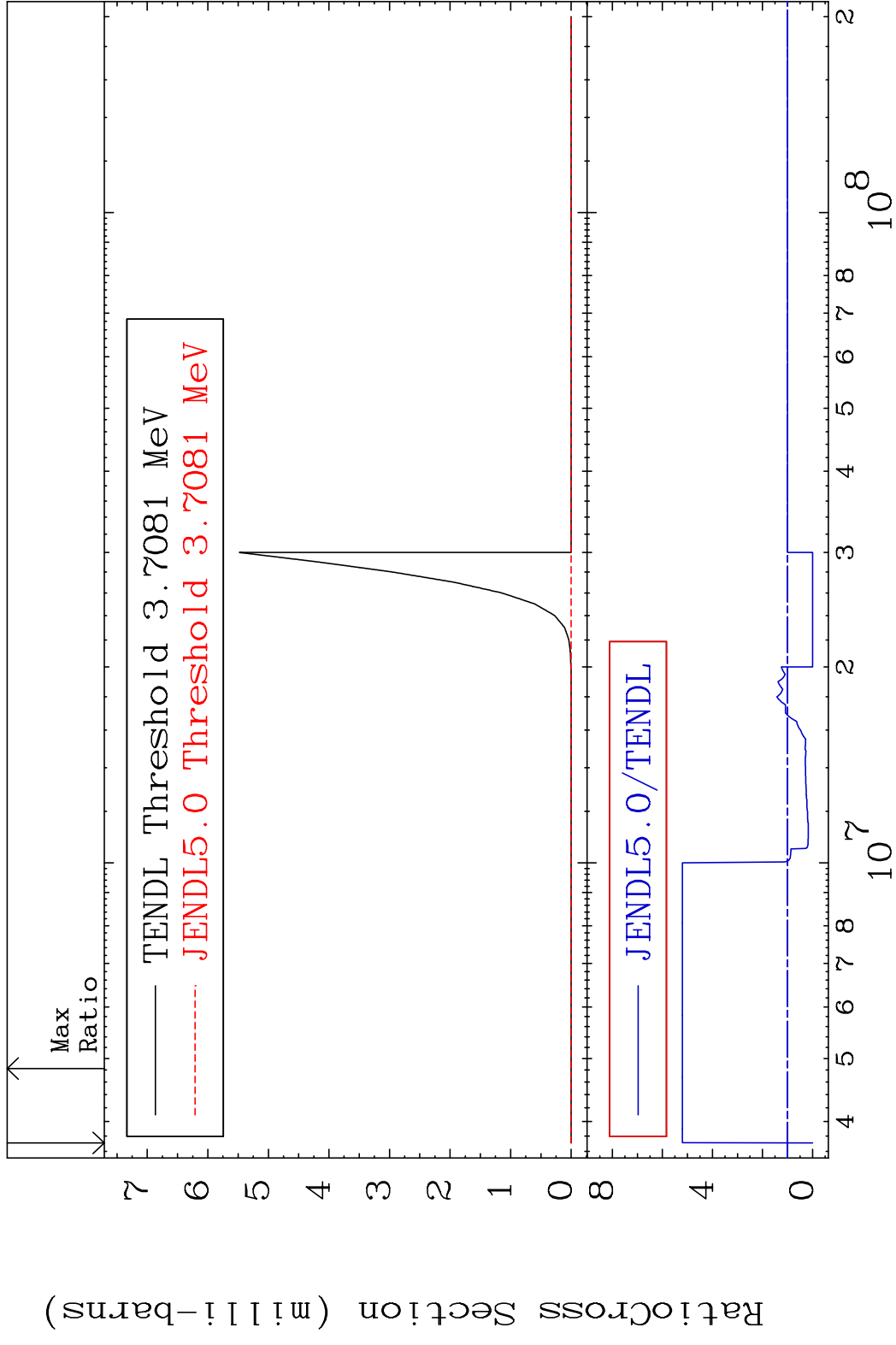


7

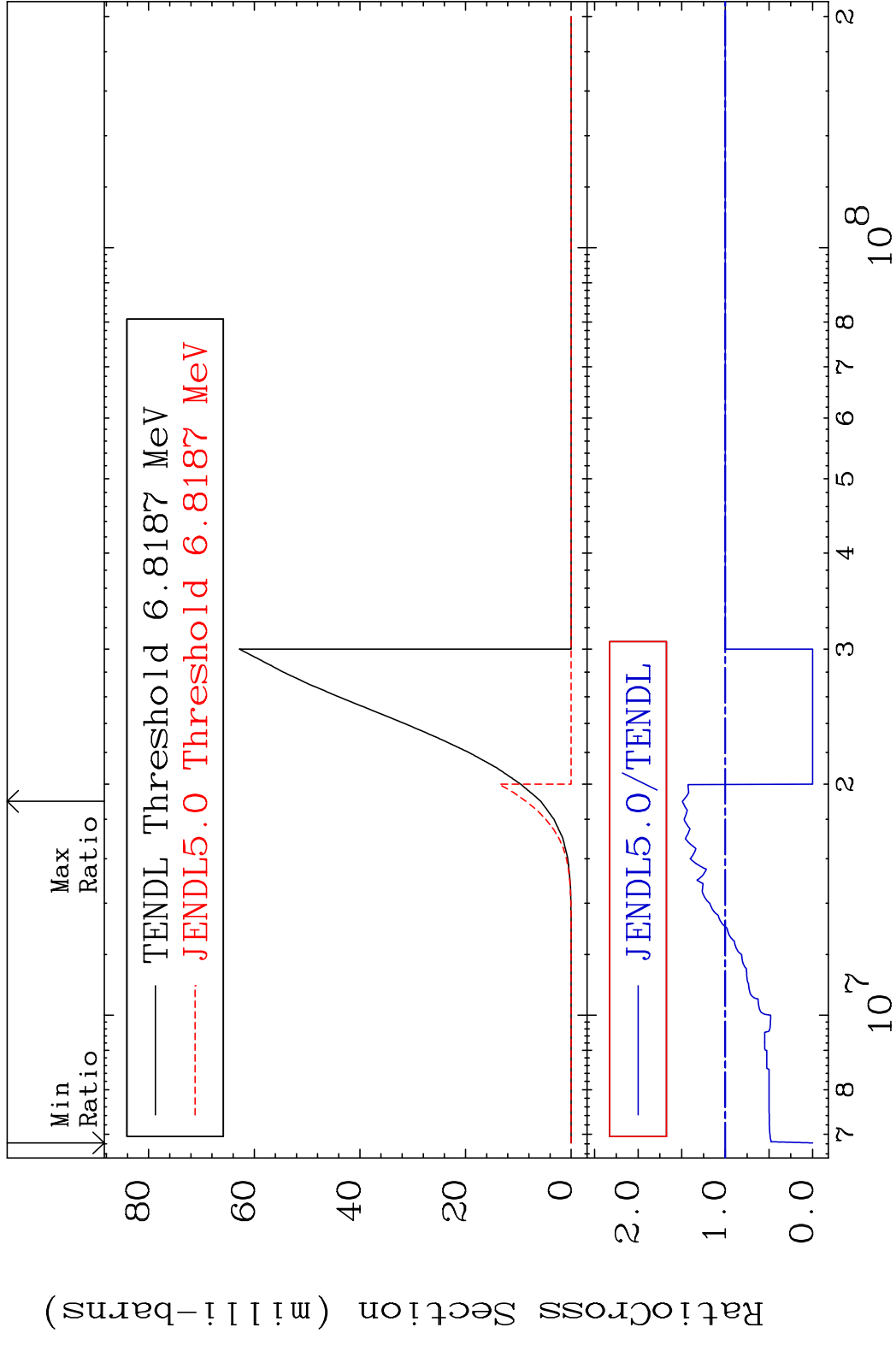
Incident Energy (eV)

78-Pt-193m

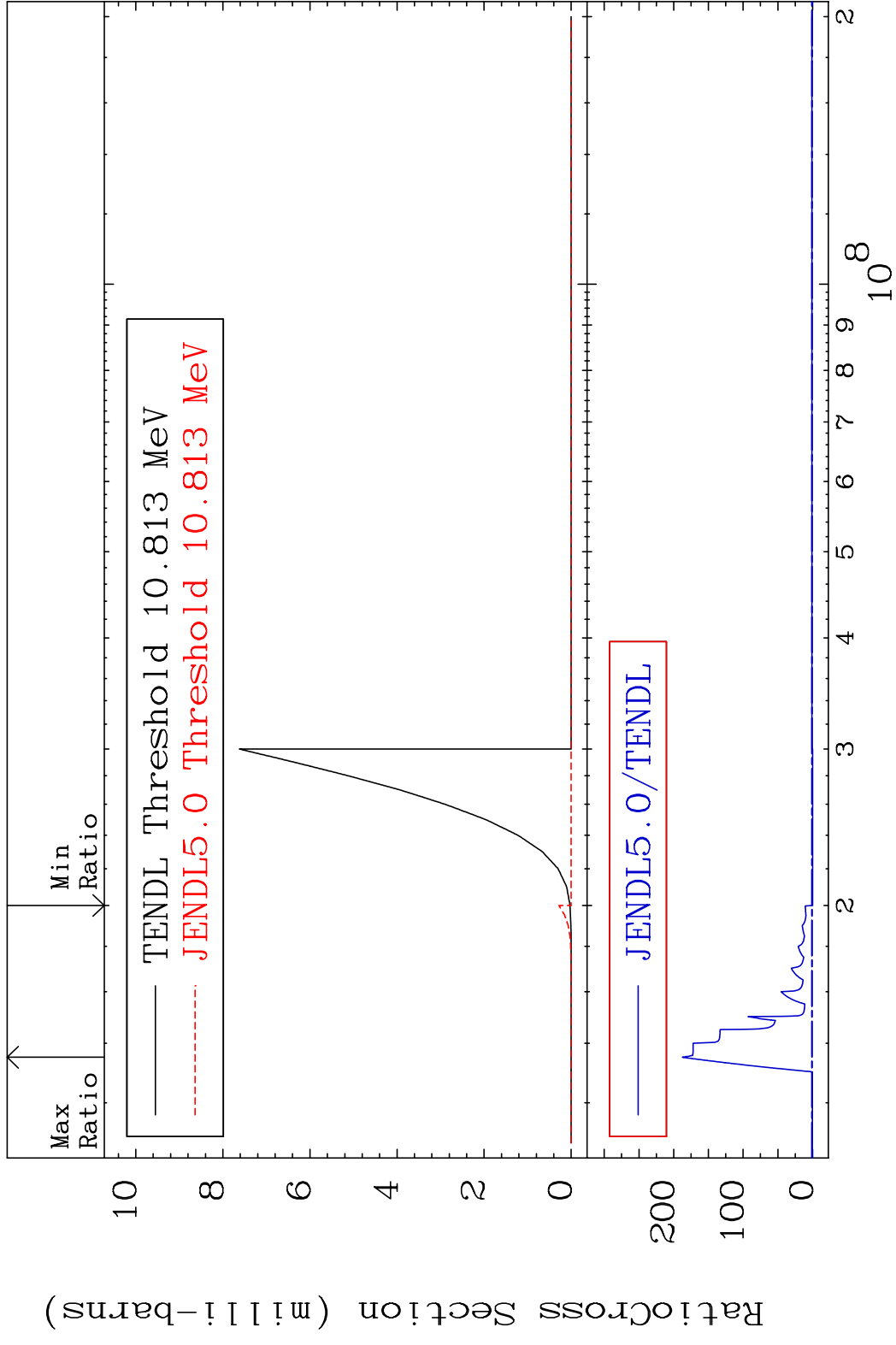
MAT 7835 (n,2n) α 78-Pt-193m
 Cross Section -100.0 To 420.3 %



MAT 7835 (n, n') p 78-Pt-193m
 Cross Section -100.0 To 49.26 %

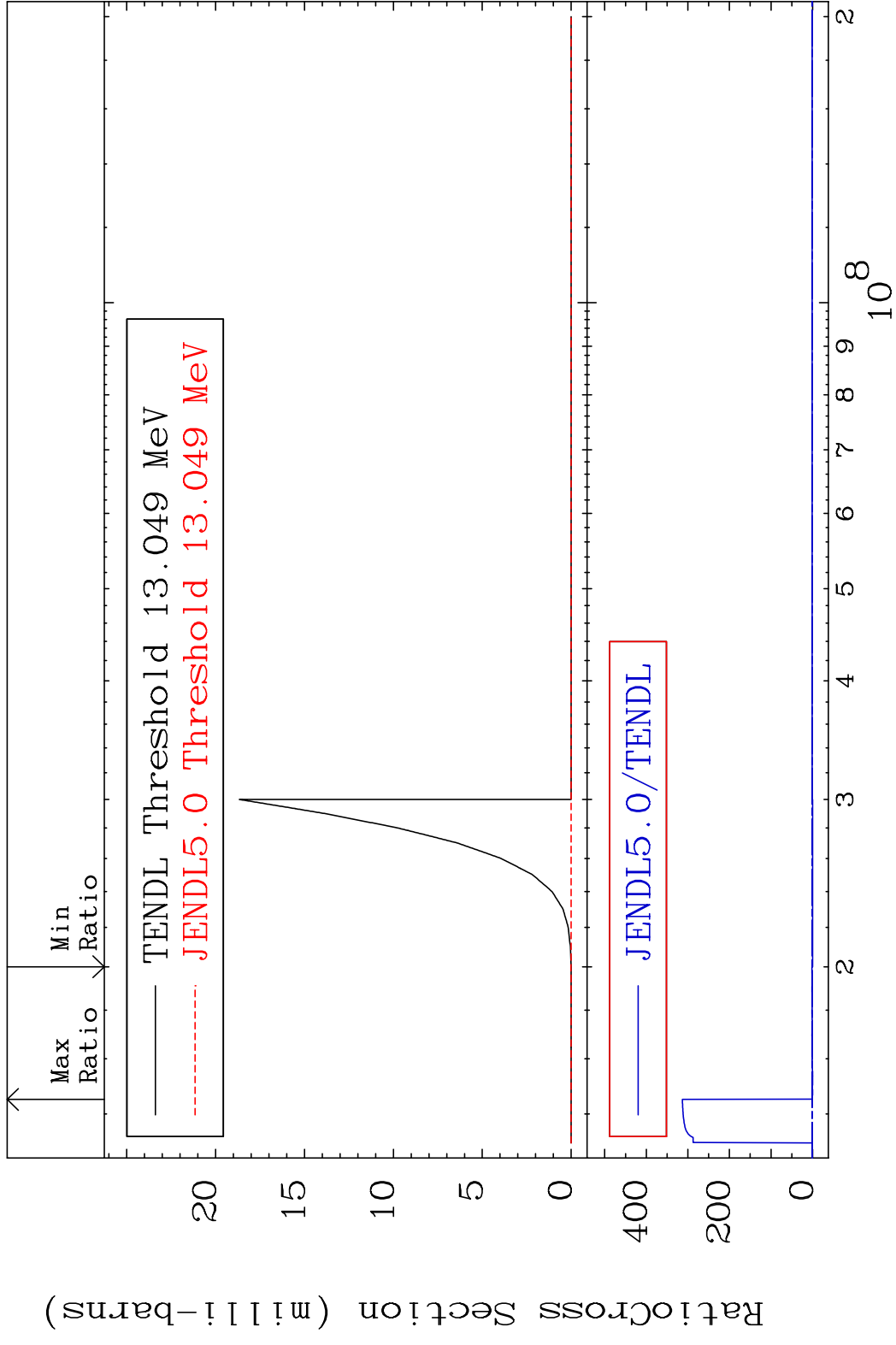


MAT 7835 (n, n') d 78-Pt-193m
 Cross Section -100.0 To 9999. %

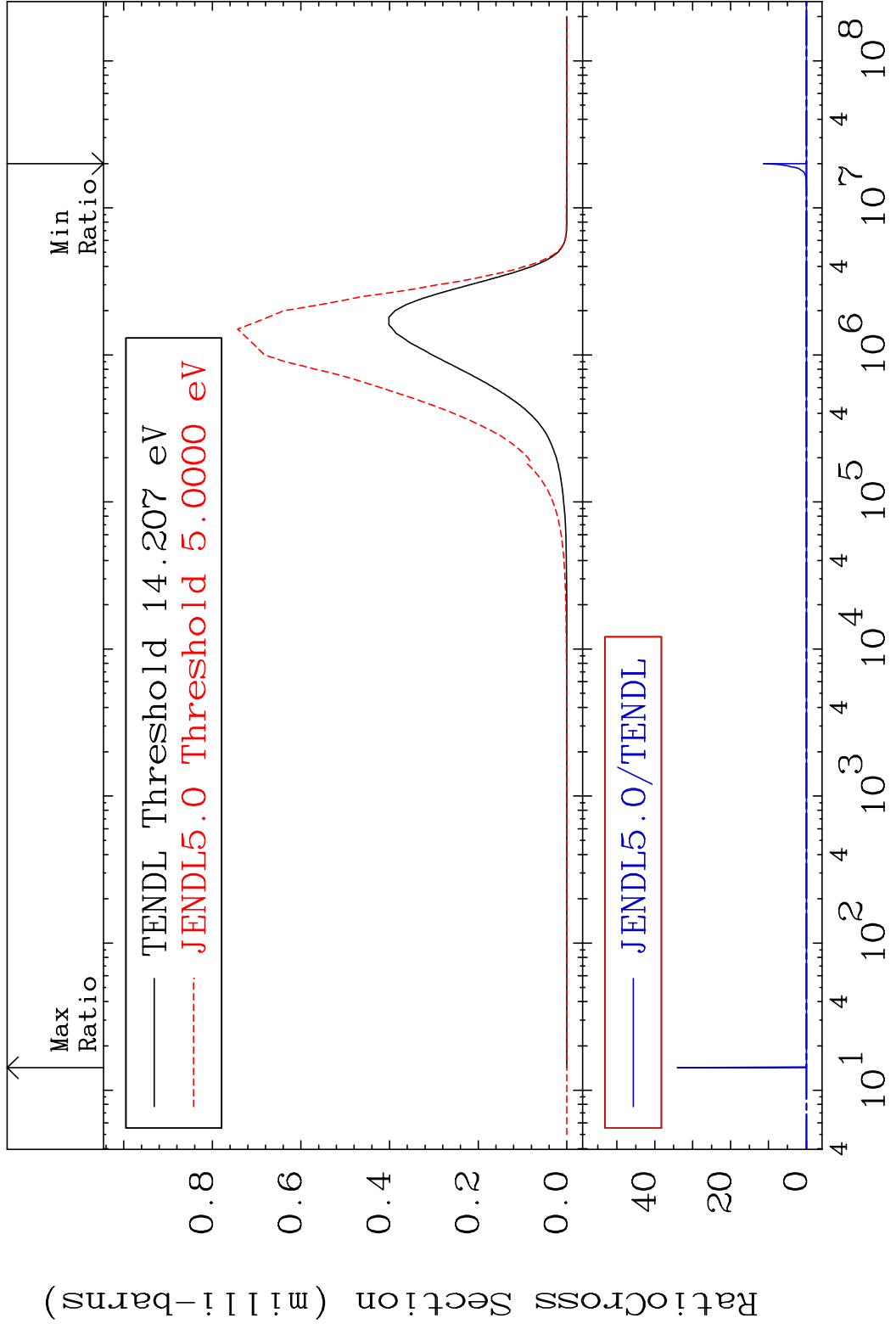


10 Incident Energy (eV) 78-Pt-193m

MAT 7835 (n,2n) p 78-Pt-193m
 Cross Section -100.0 To 9999. %

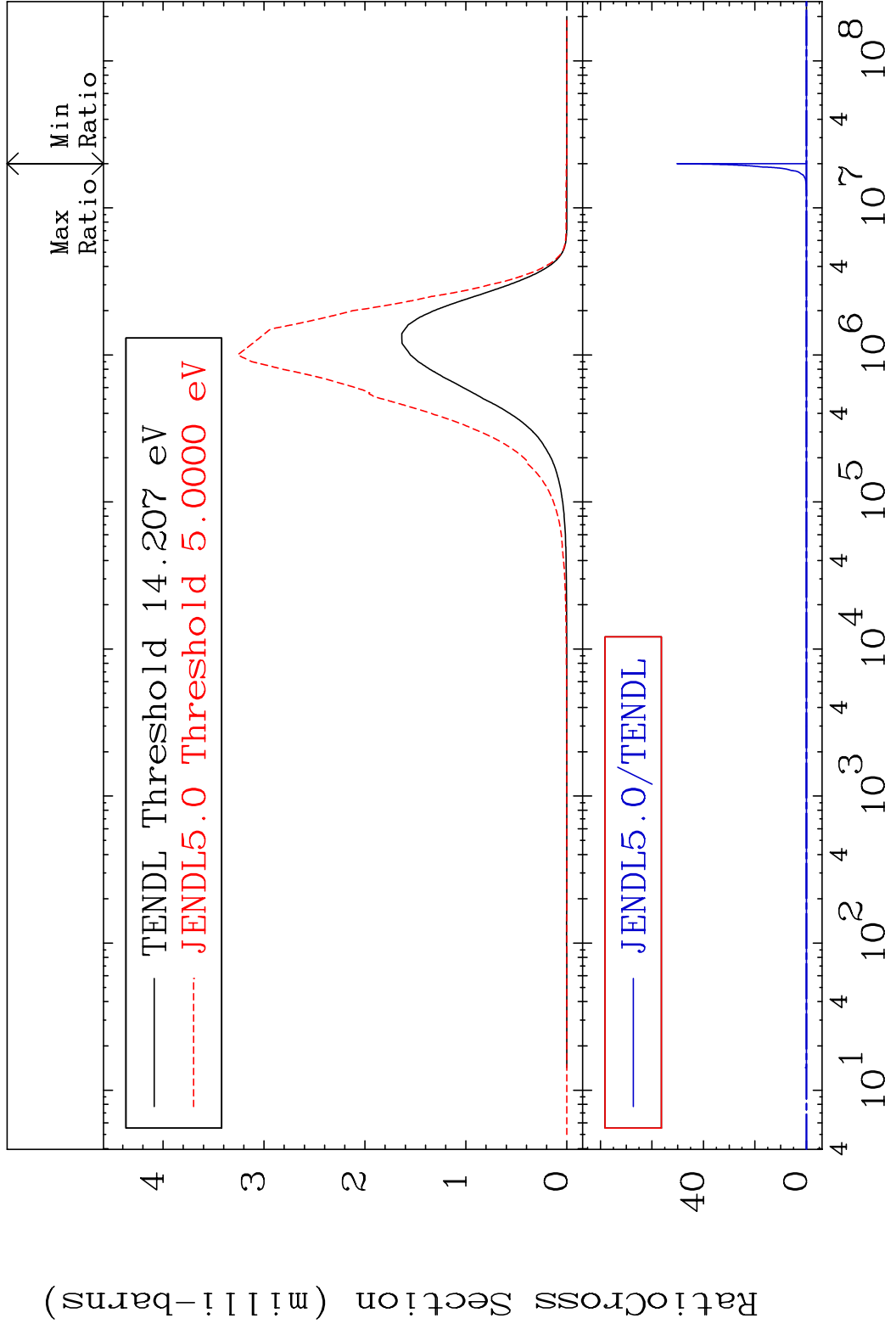


MAT 7835 MT= 51 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



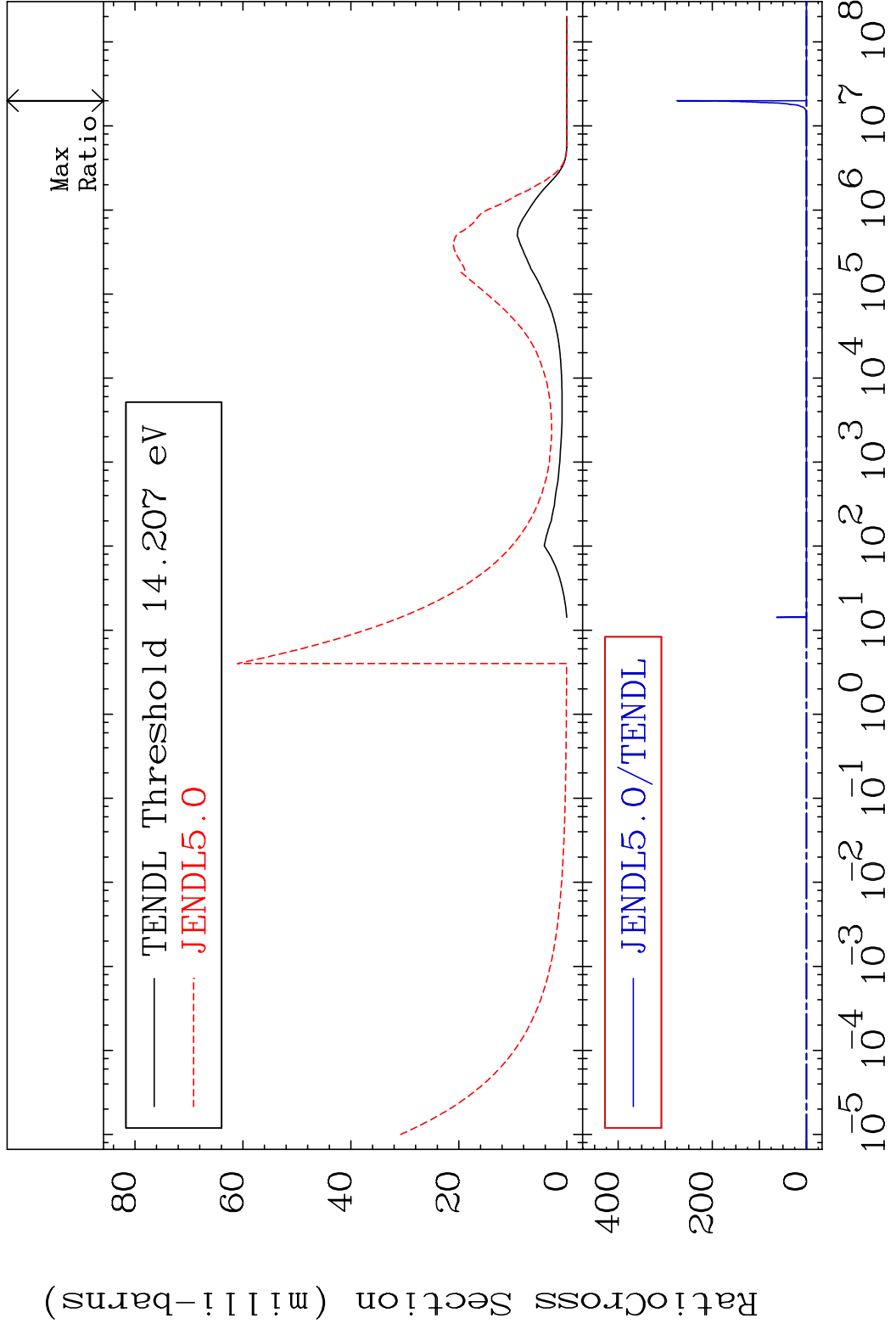
12 Incident Energy (eV) 78-Pt-193m

MAT 7835 MT= 52 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



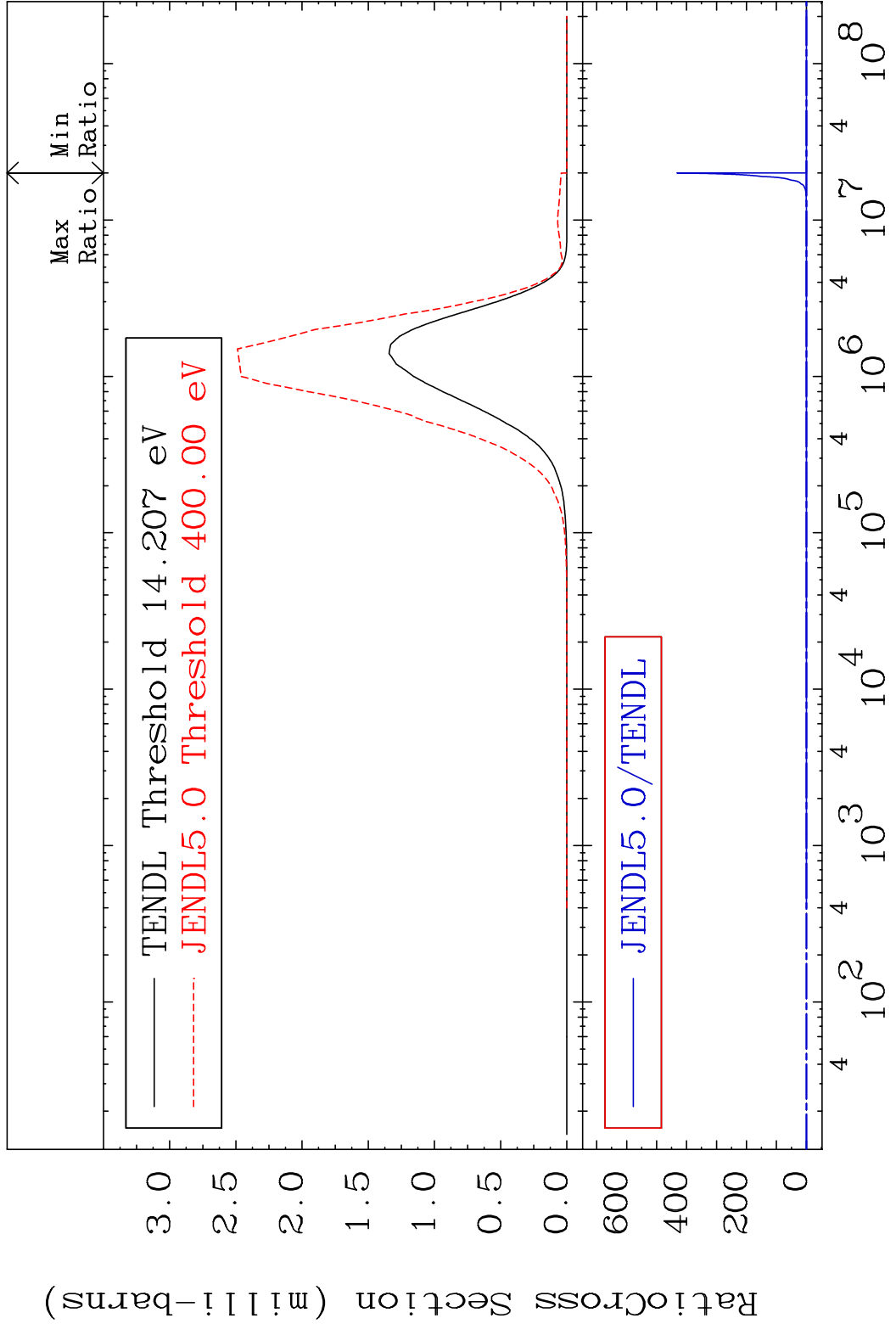
13 Incident Energy (eV) 78-Pt-193m

MAT 7835 MT= 53 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

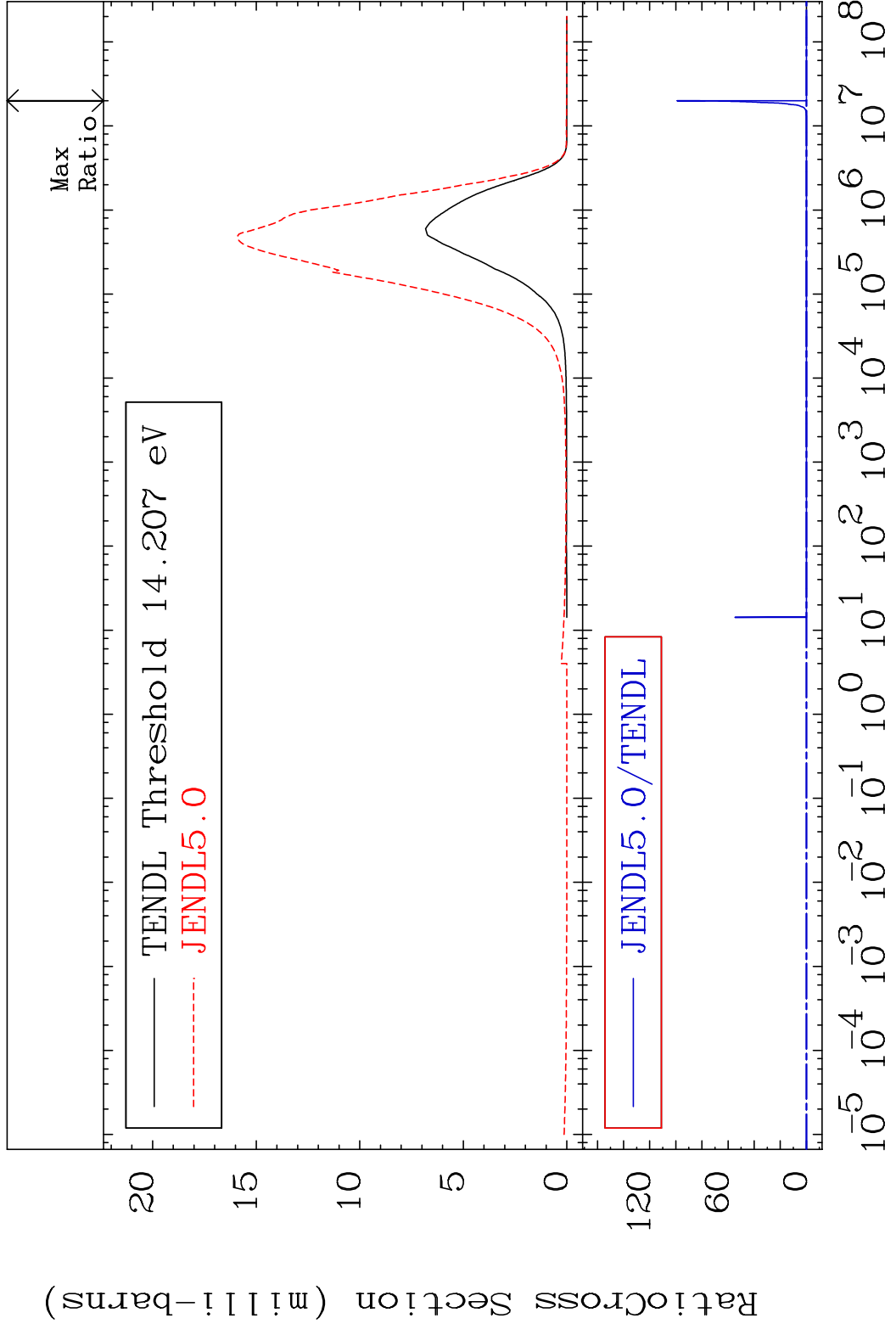


14 Incident Energy (eV) 78-Pt-193m

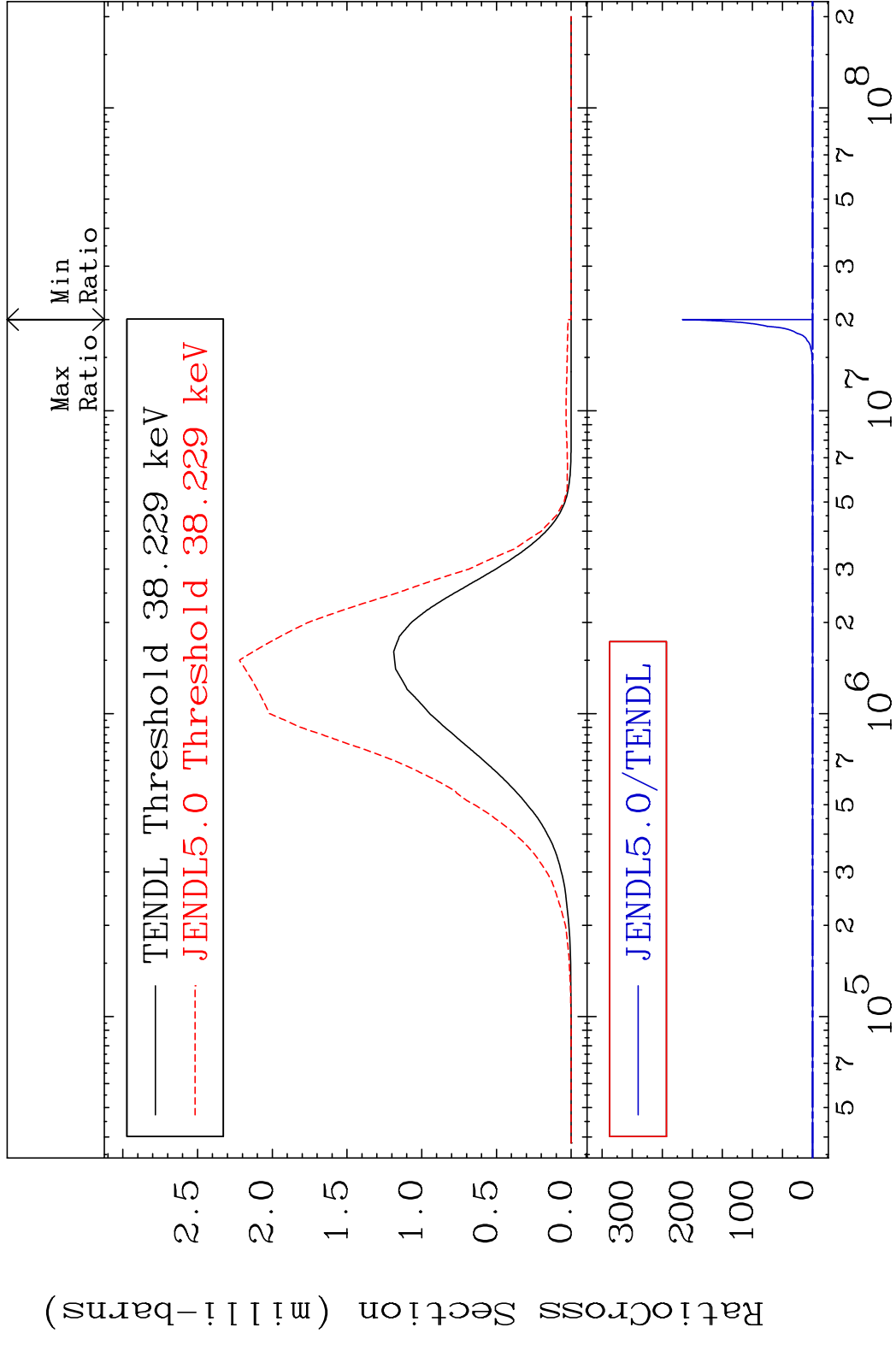
MAT 7835 MT= 54 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



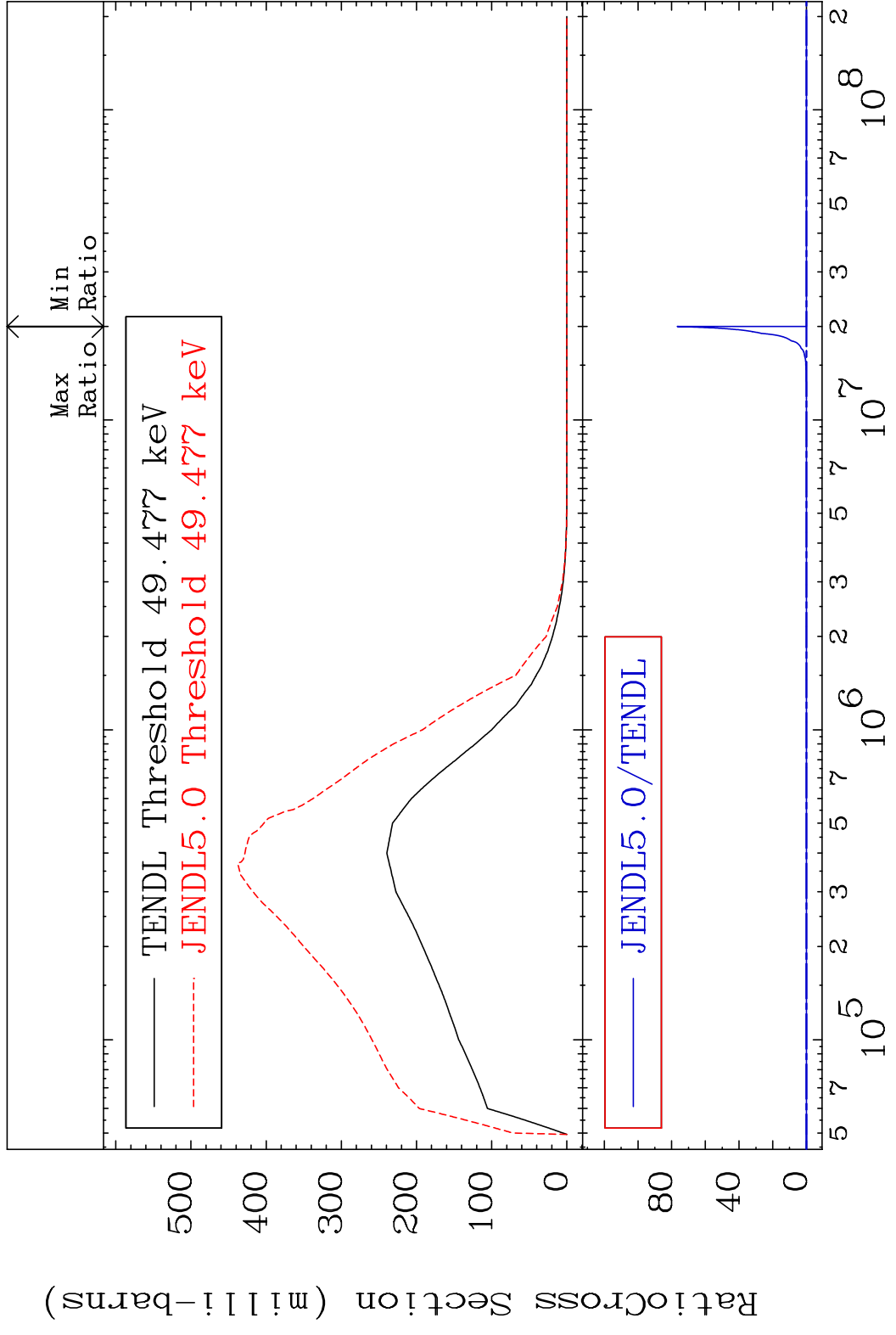
MAT 7835 MT= 55 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



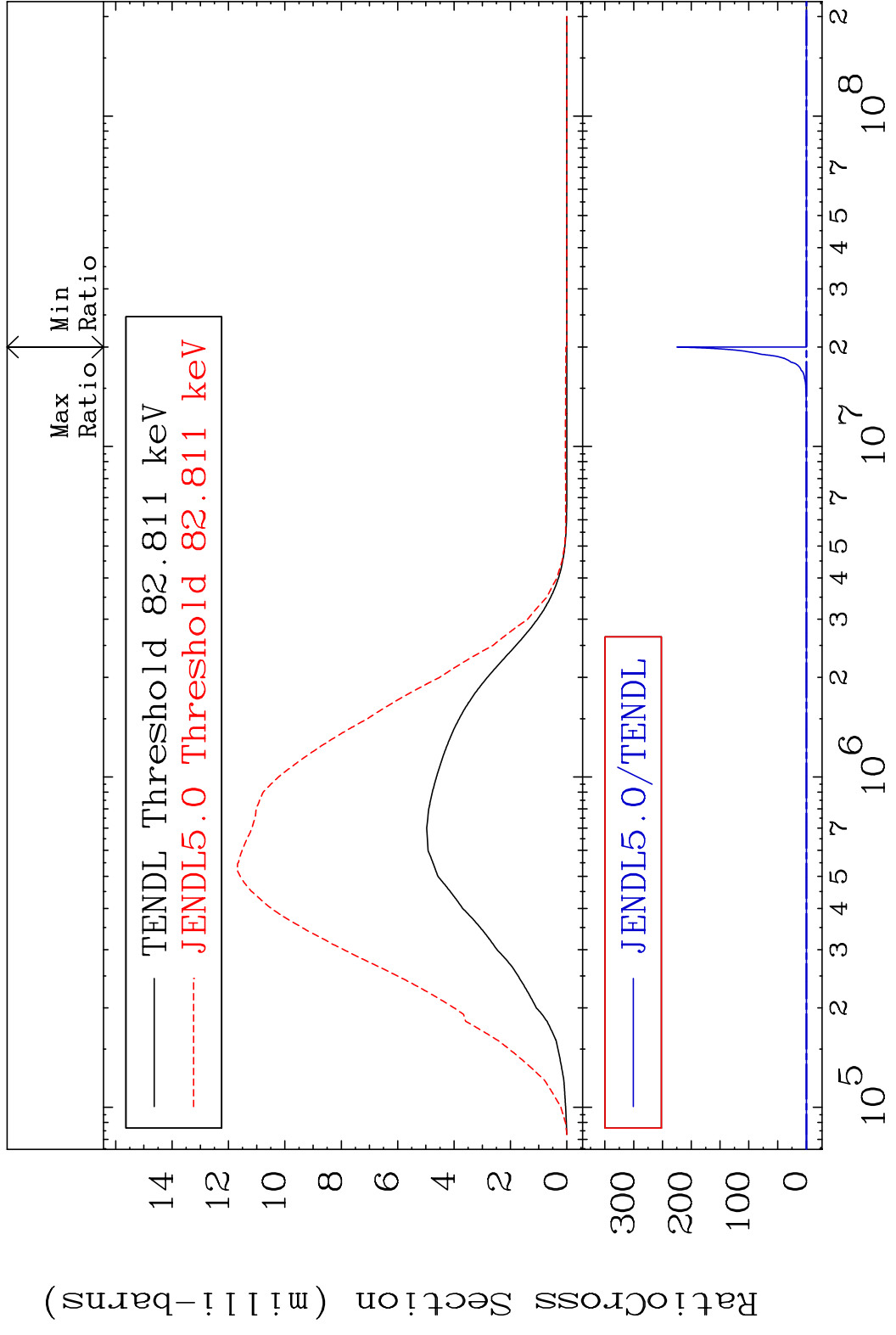
MAT 7835 MT= 56 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



MAT 7835 MT= 57 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

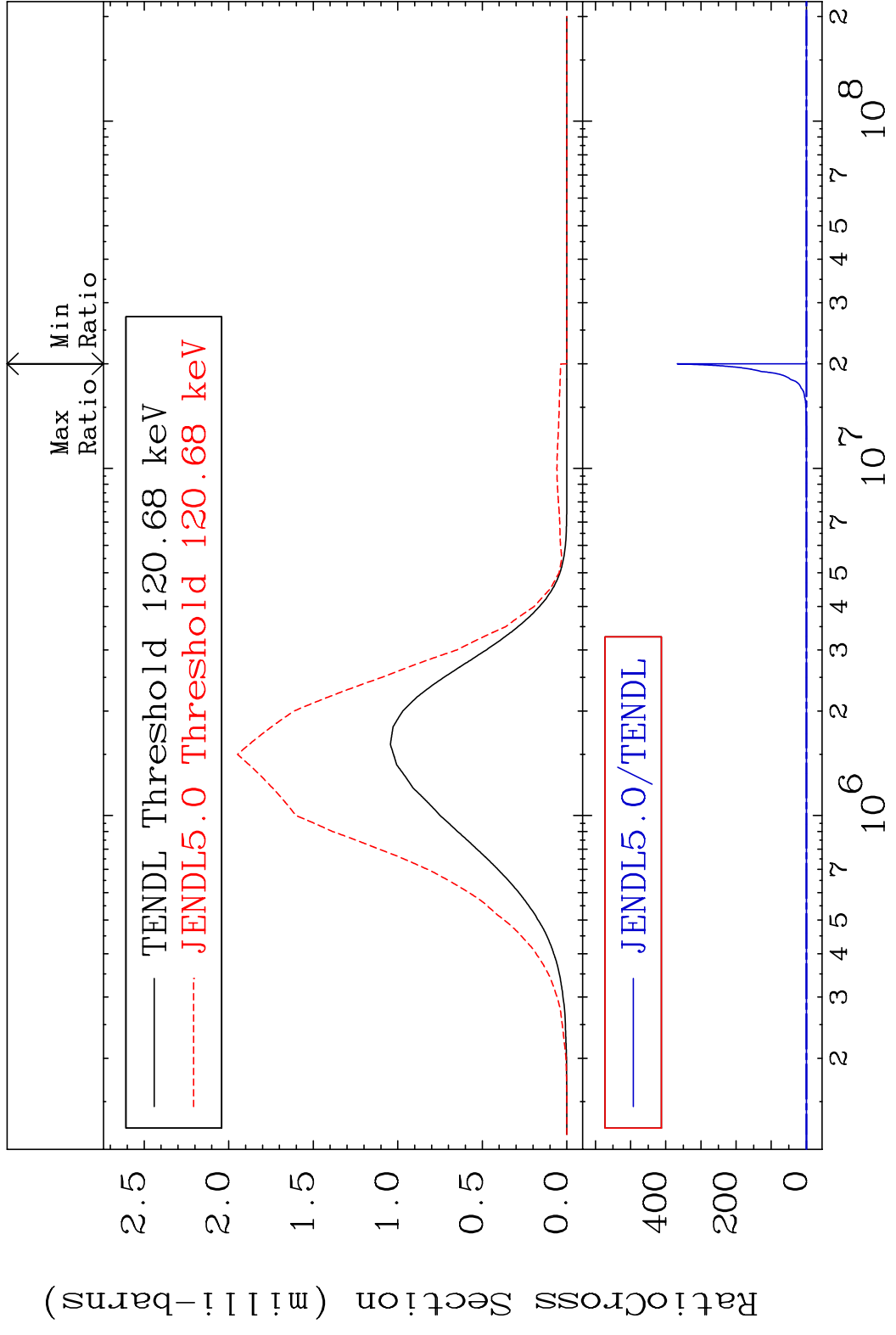


MAT 7835 MT= 58 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

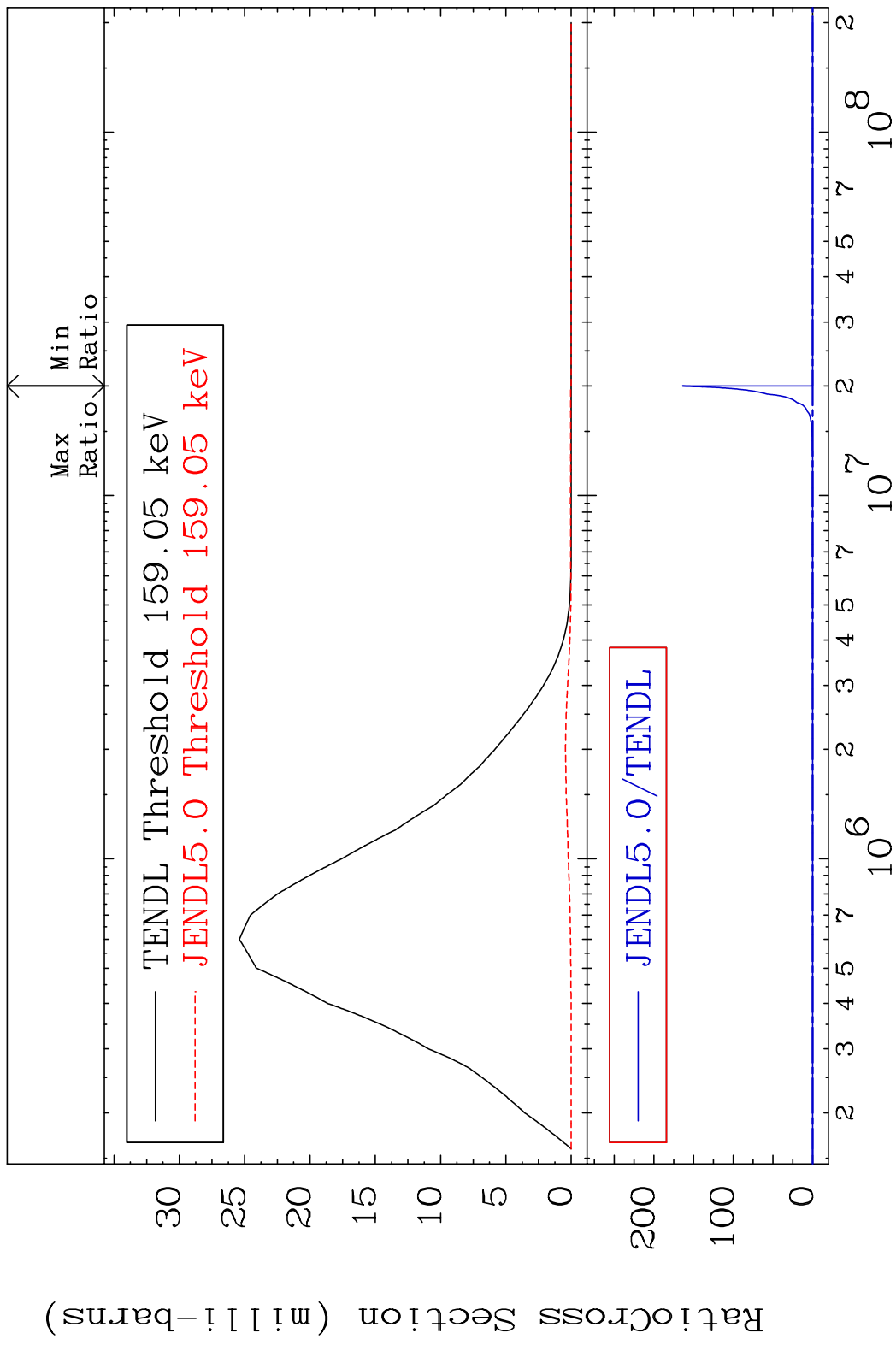


19 78-Pt-193m

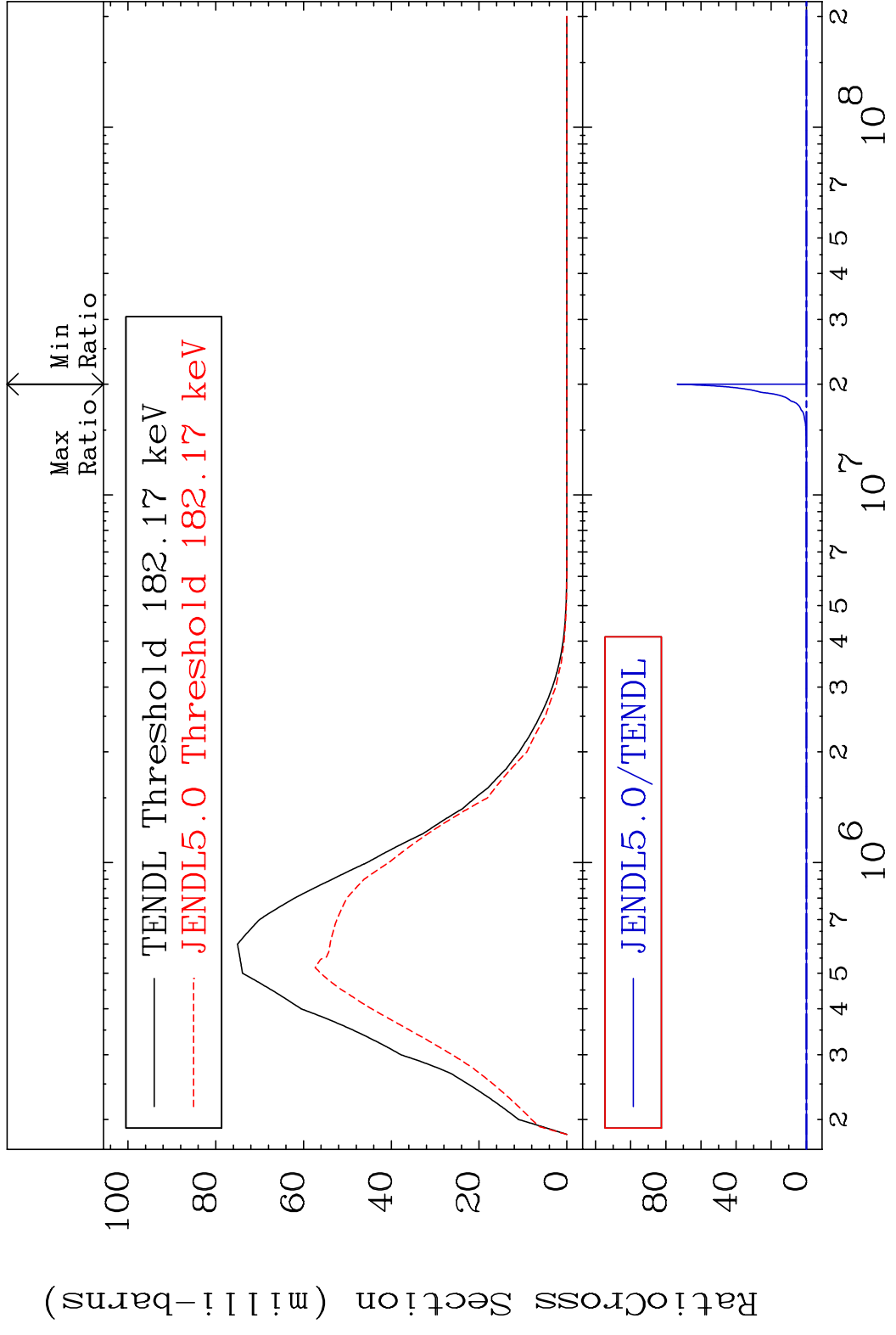
MAT 7835 MT= 59 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



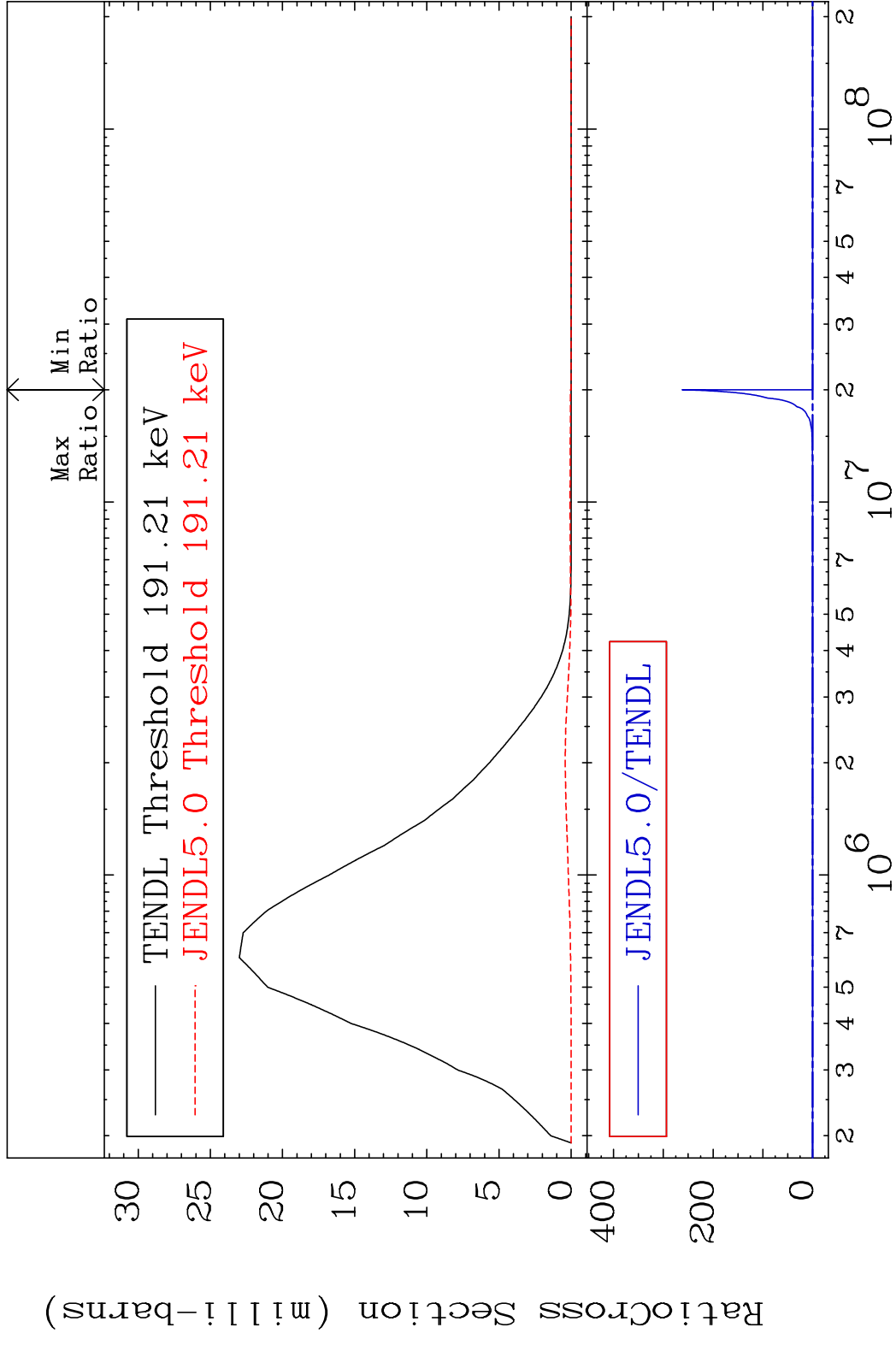
MAT 7835 MT= 60 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



MAT 7835 MT= 61 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

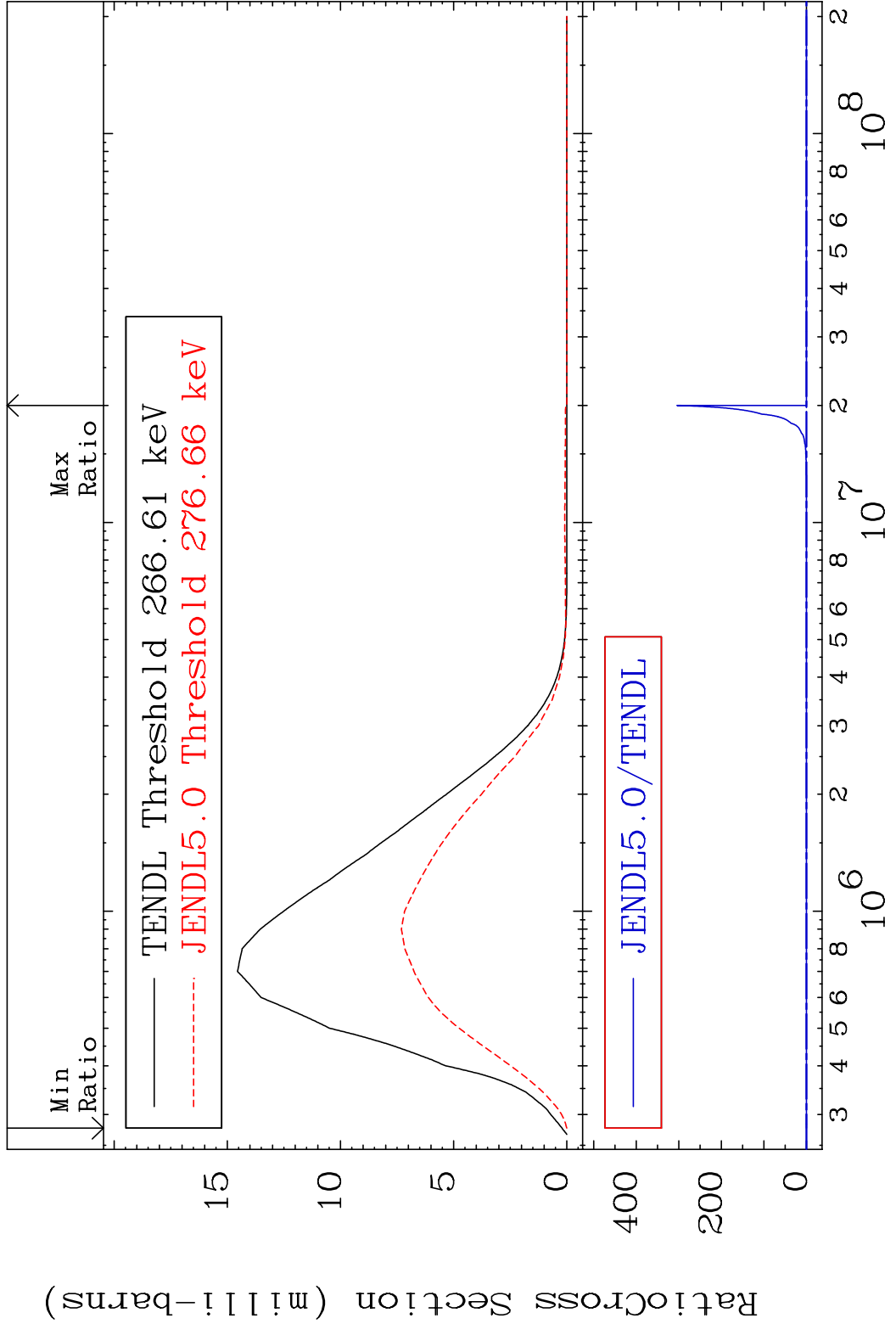


MAT 7835 MT= 62 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

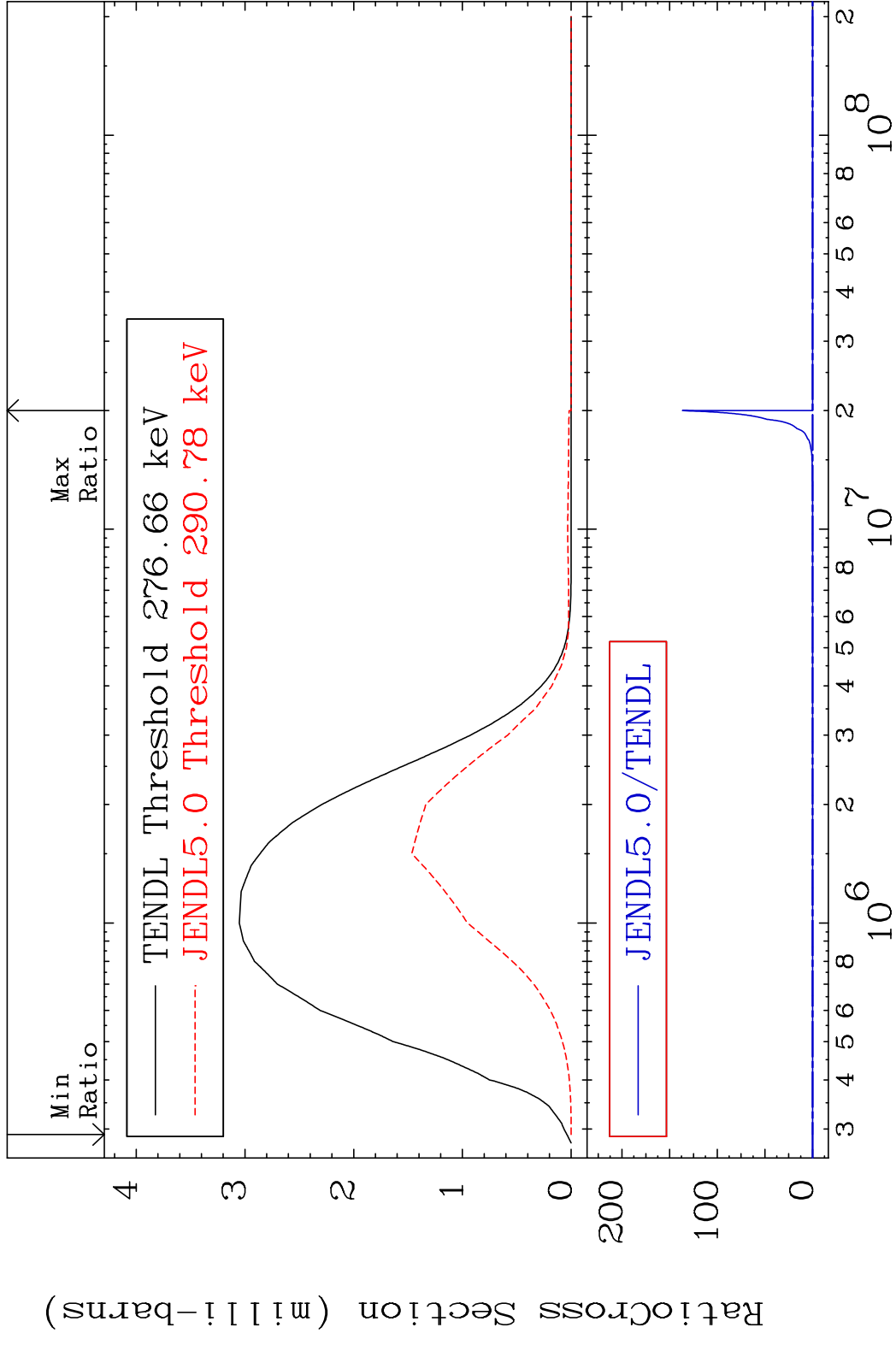


23 Incident Energy (eV) 78-Pt-193m

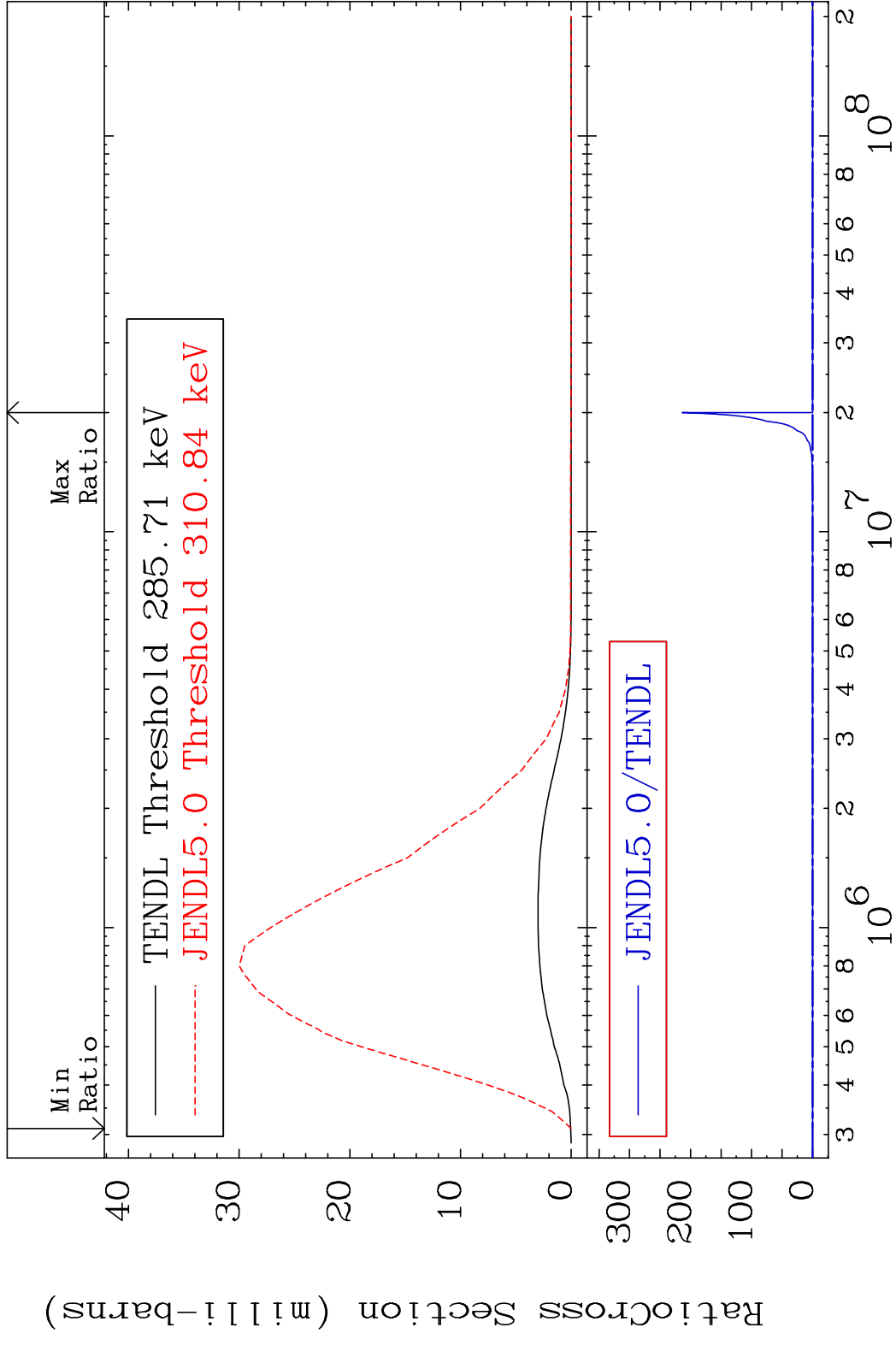
MAT 7835 MT= 63 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



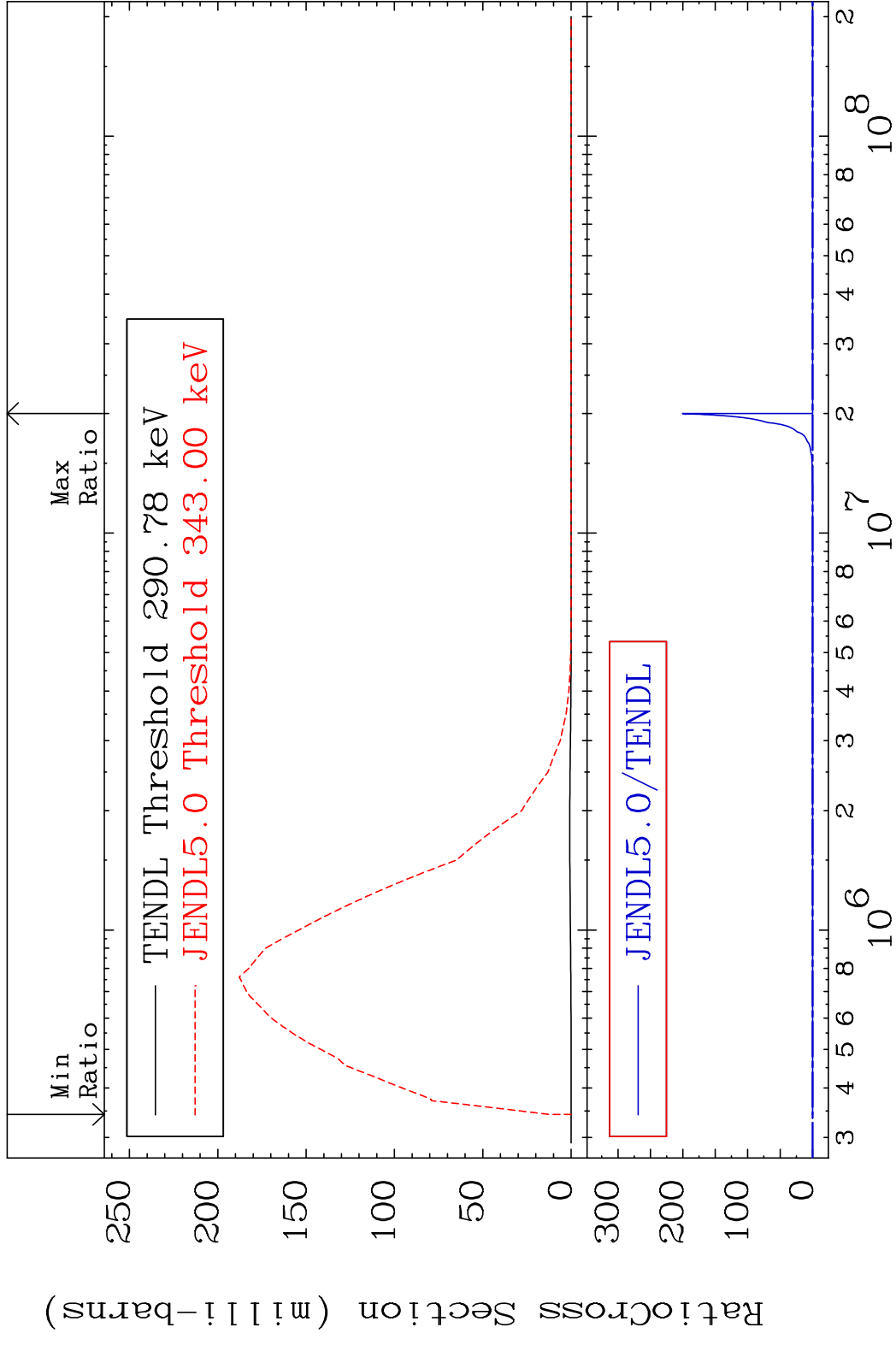
MAT 7835 MT= 64 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



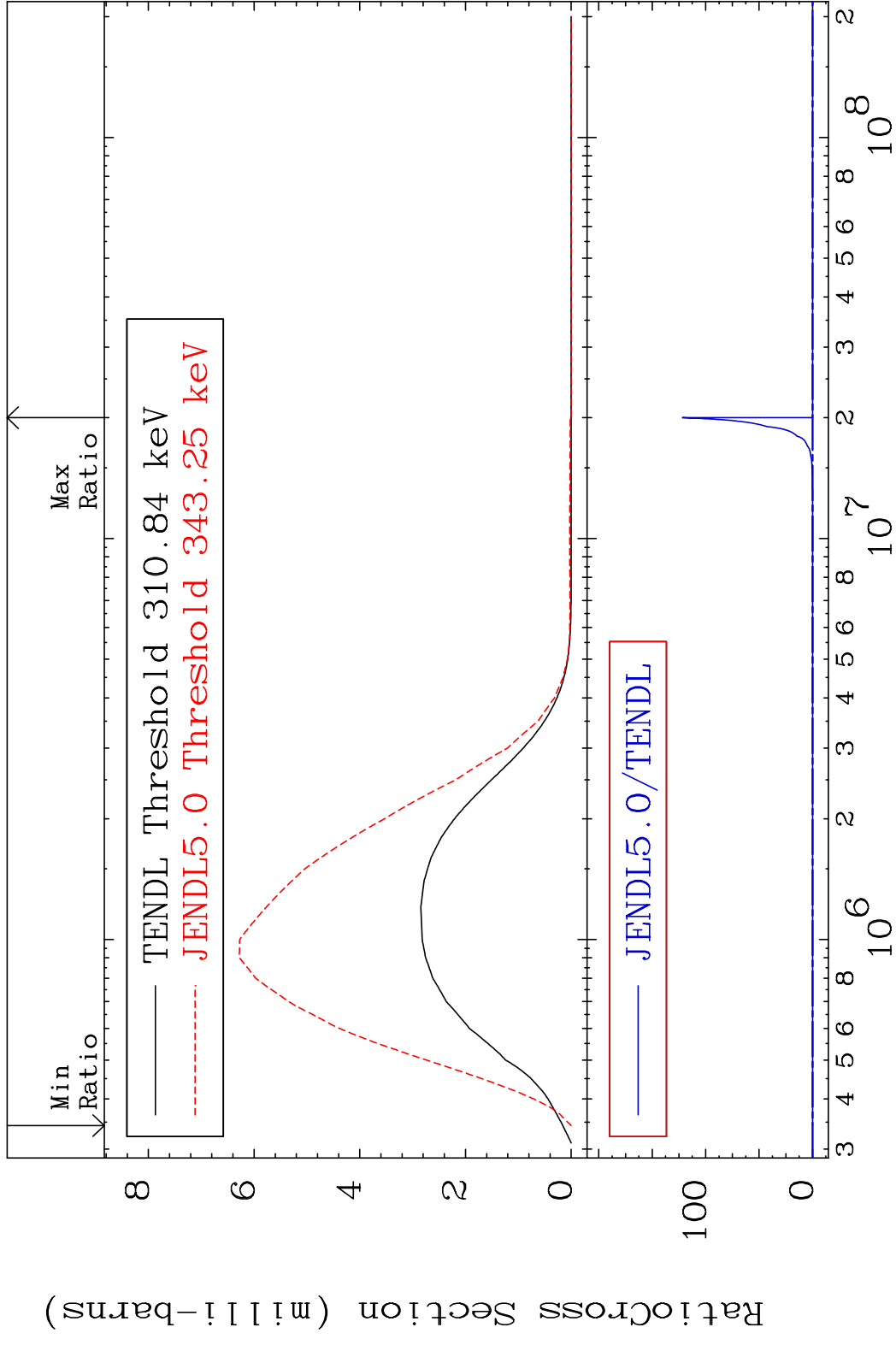
MAT 7835 MT= 65 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



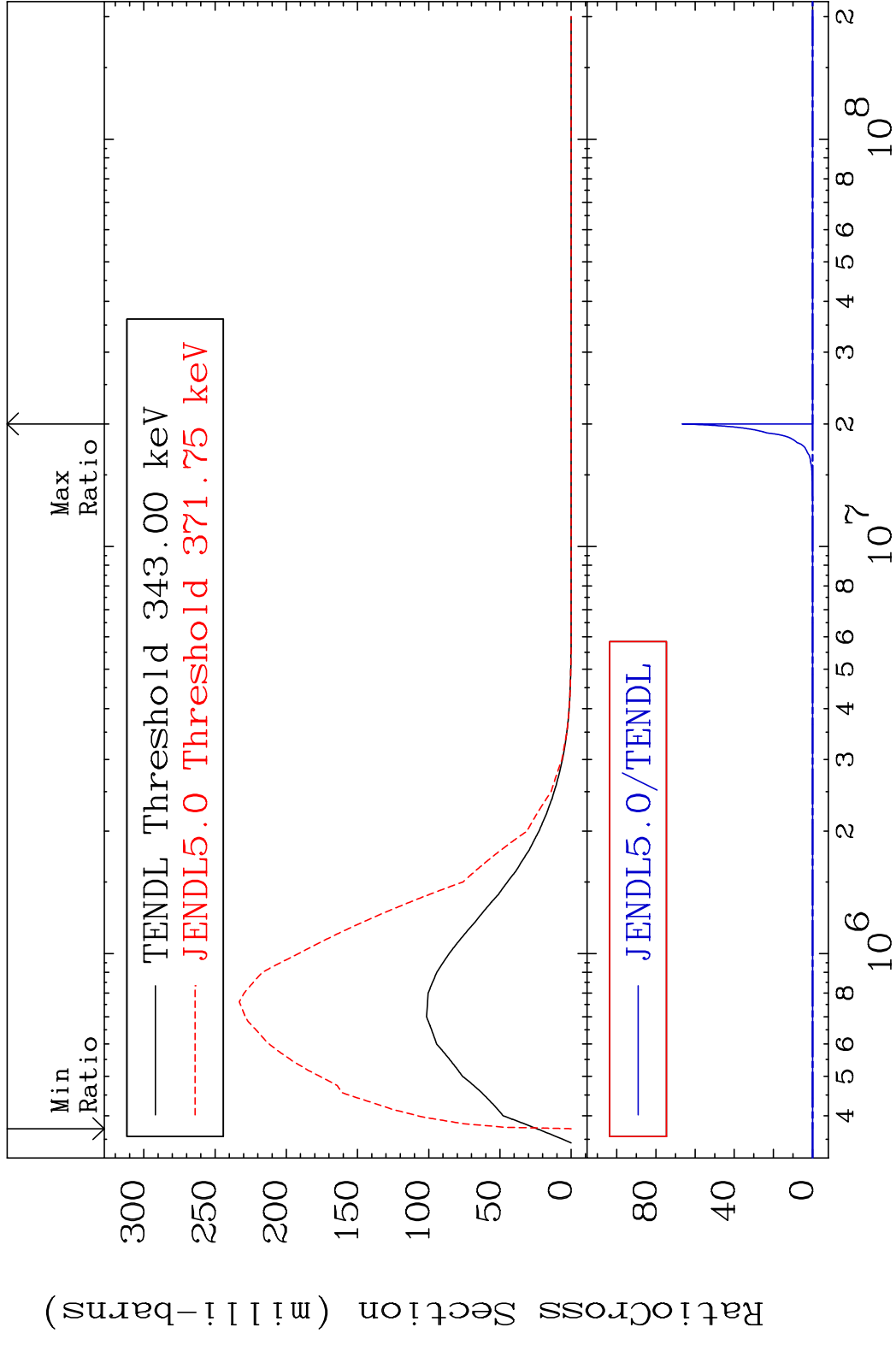
MAT 7835 MT= 66 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



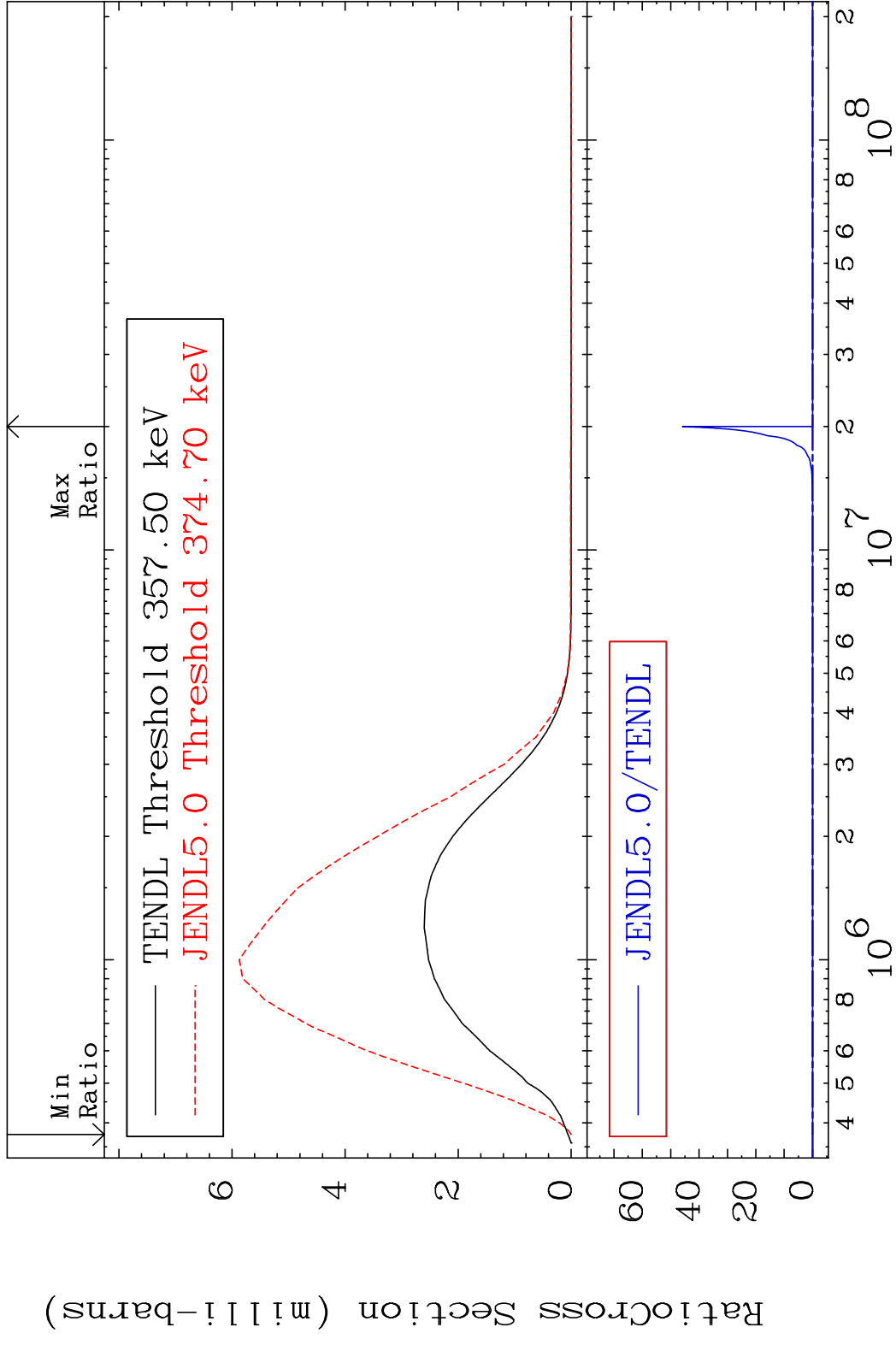
MAT 7835 MT= 67 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



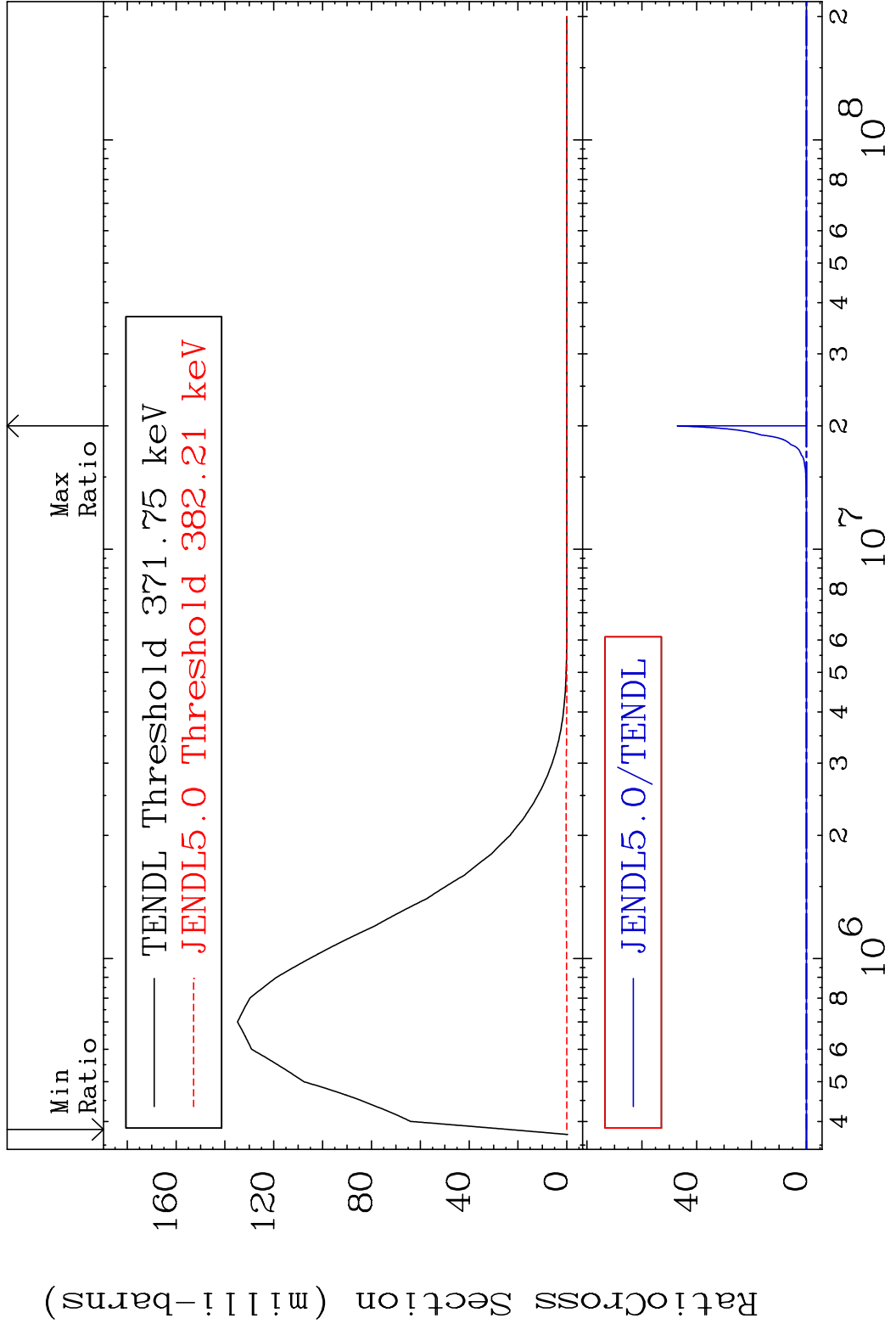
MAT 7835 MT= 68 (n,n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



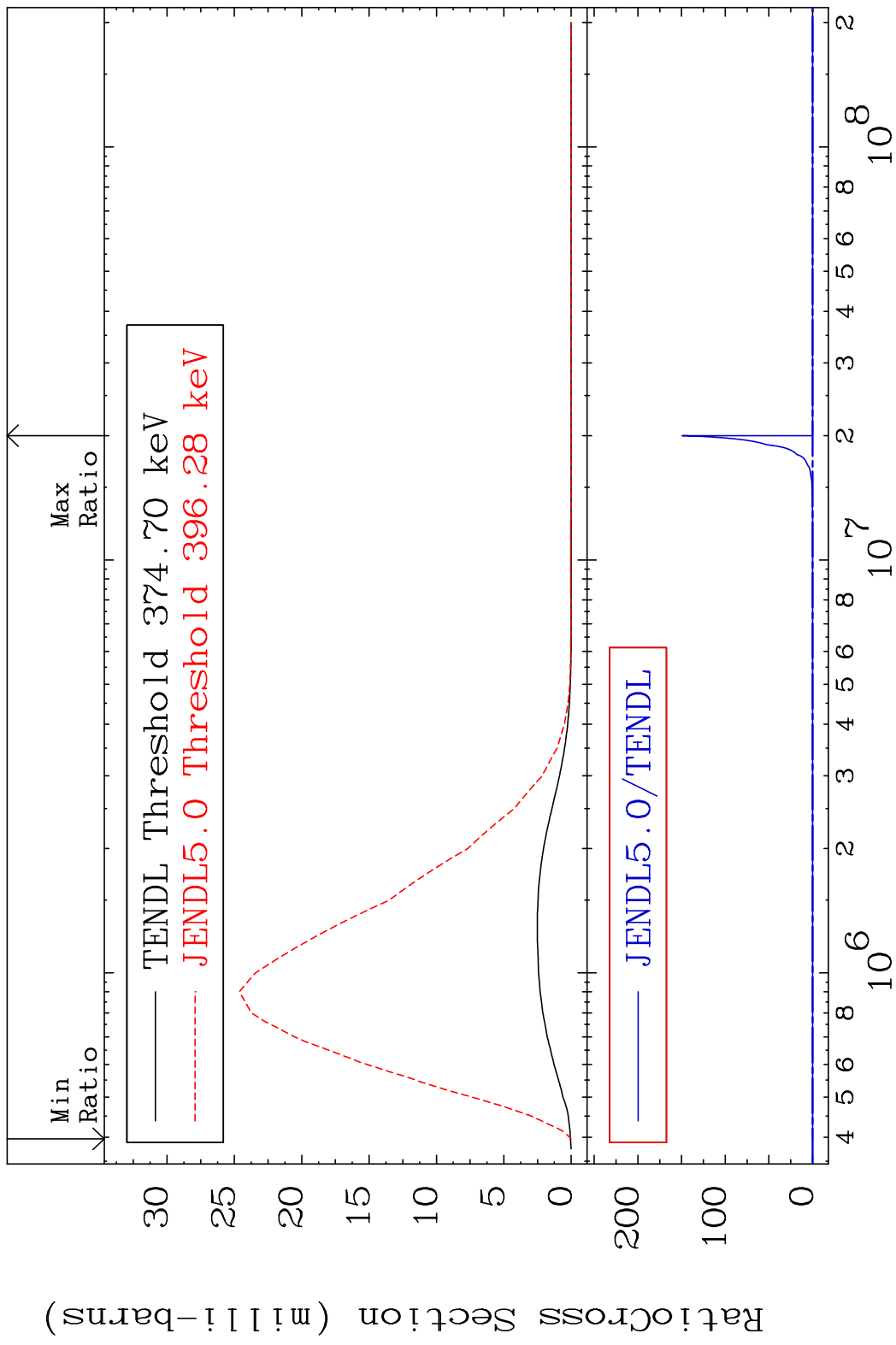
MAT 7835 MT= 69 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



MAT 7835 MT= 70 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

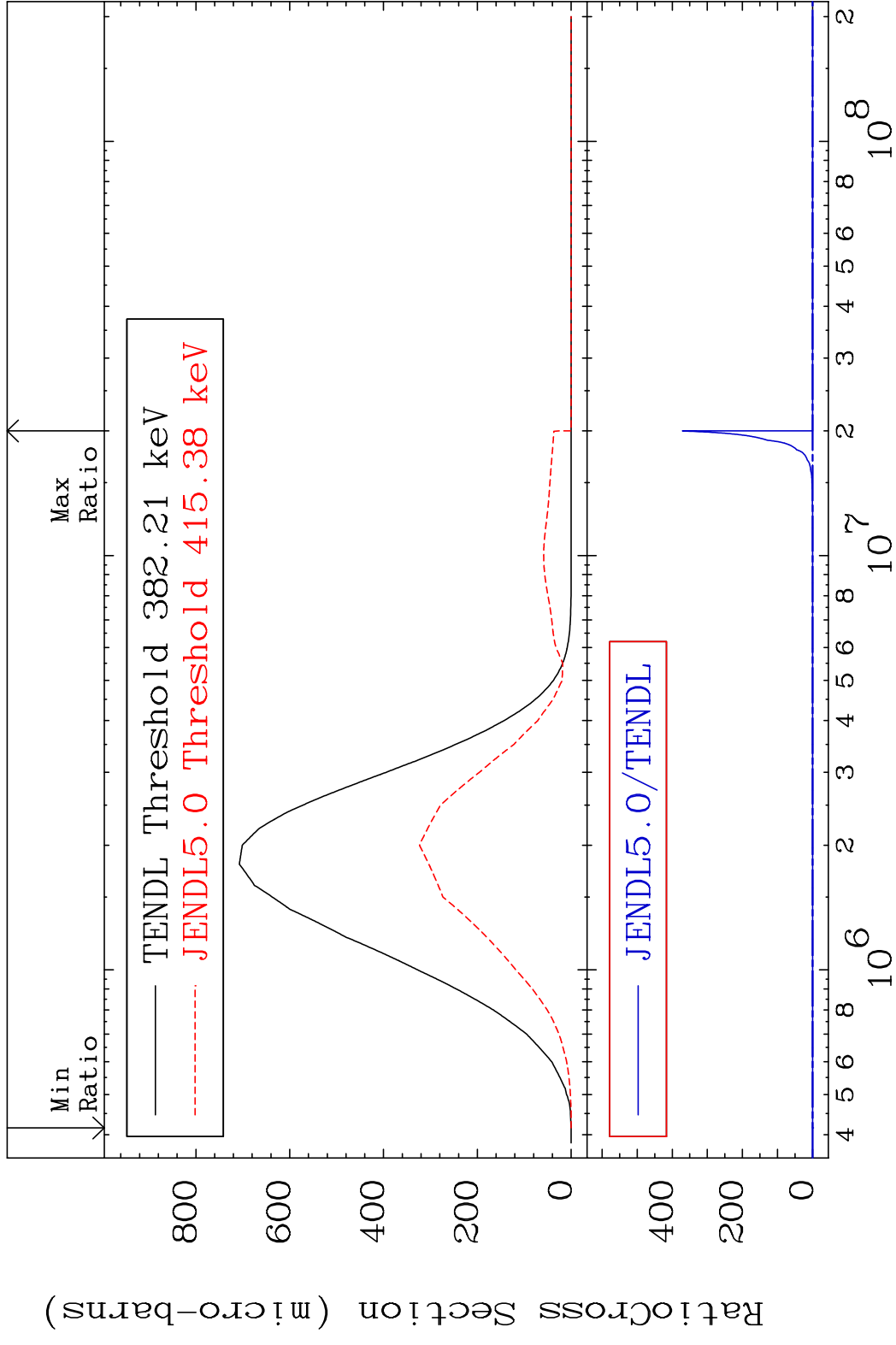


MAT 7835 MT= 71 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

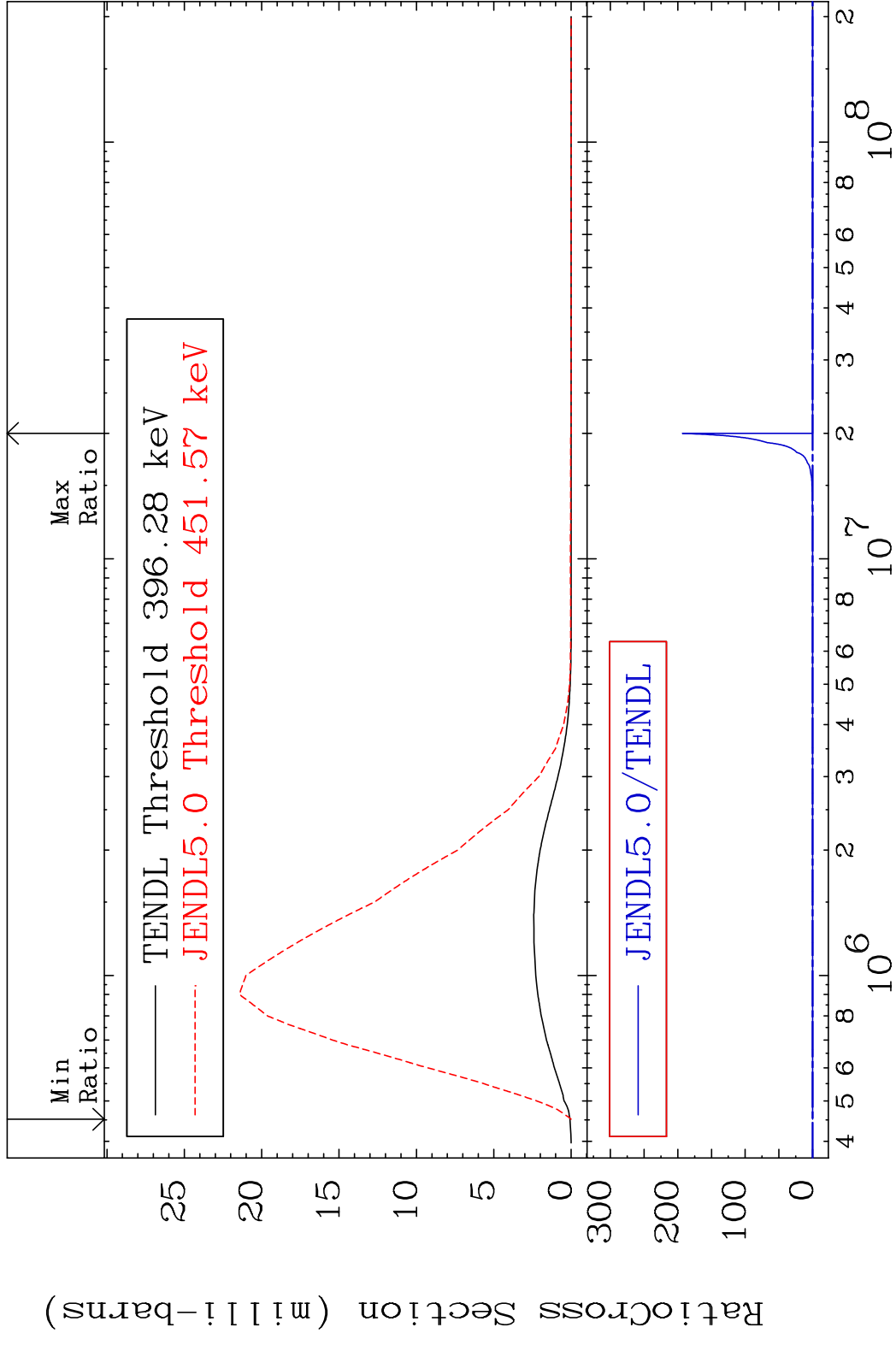


32 Incident Energy (eV) 78-Pt-193m

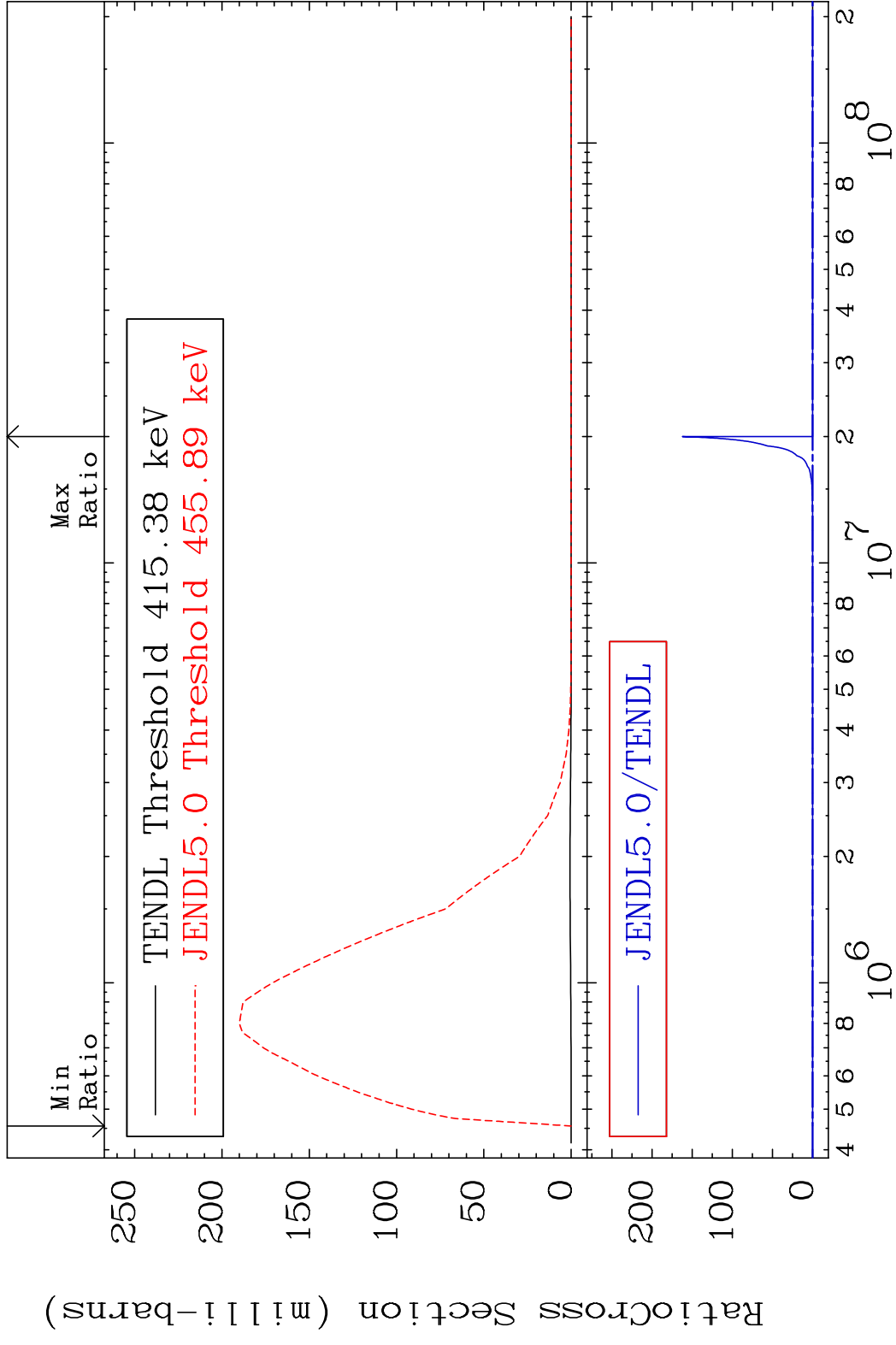
MAT 7835 MT= 72 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



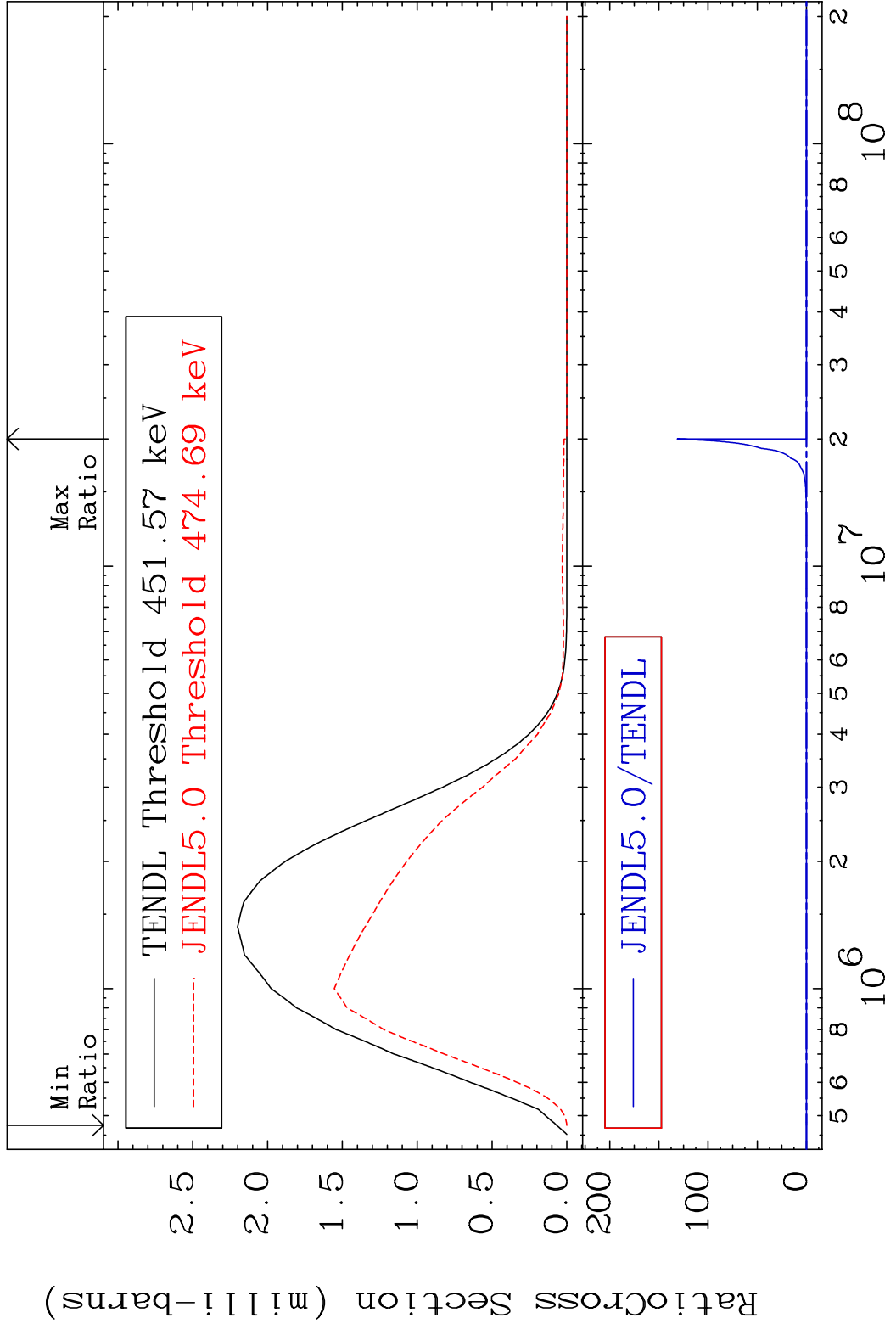
MAT 7835 MT= 73 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



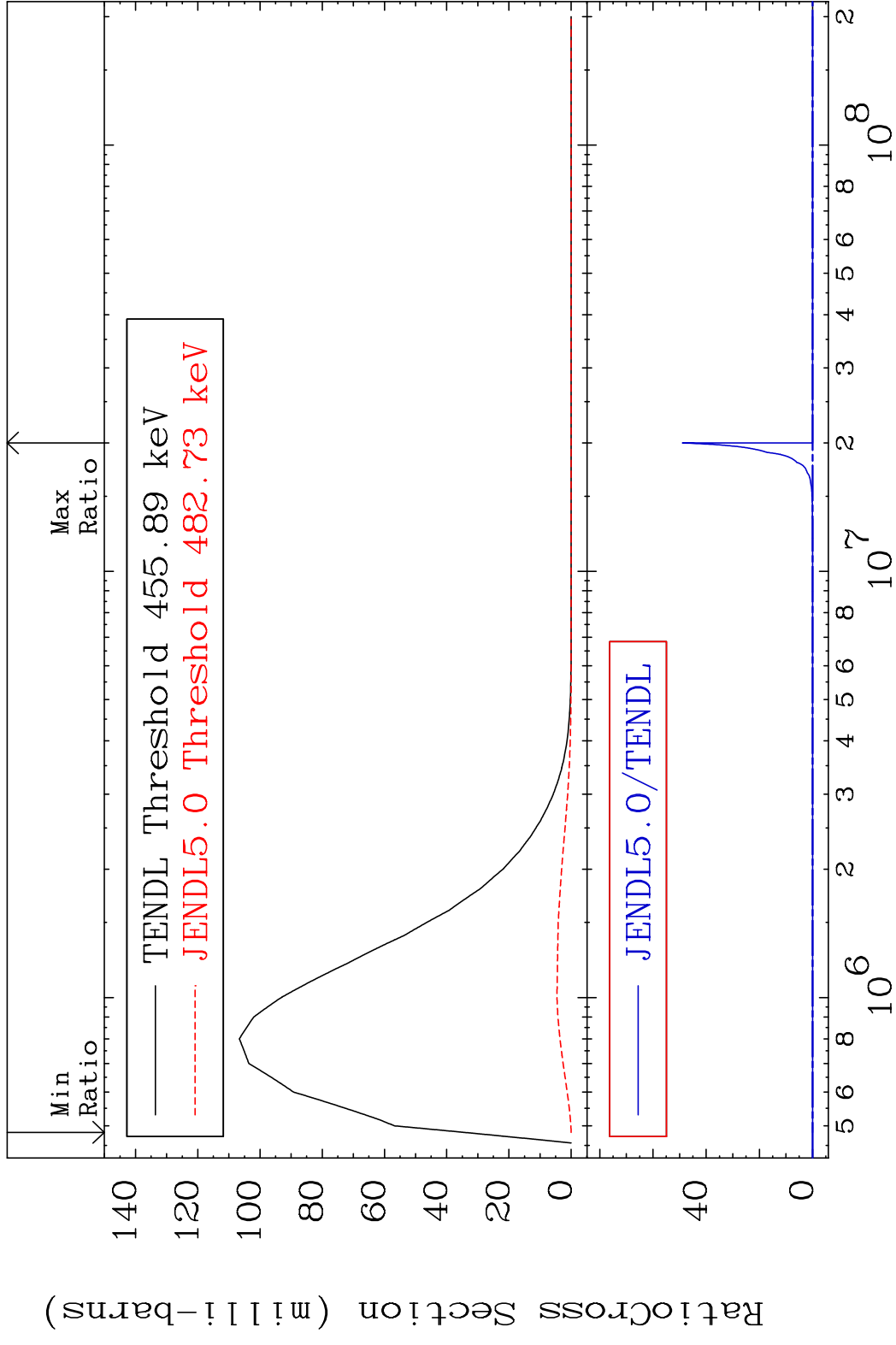
MAT 7835 MT= 74 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



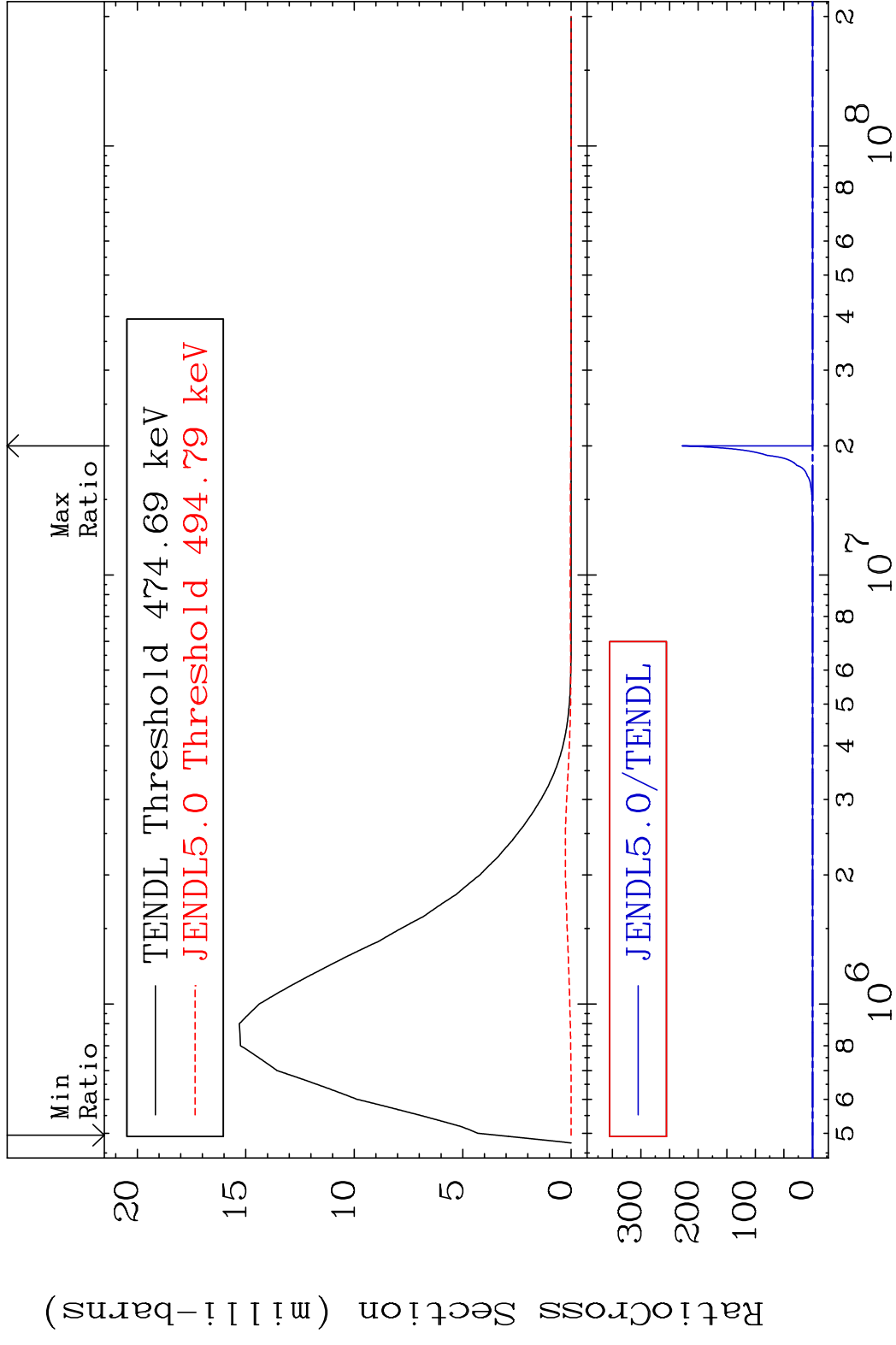
MAT 7835 MT= 75 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



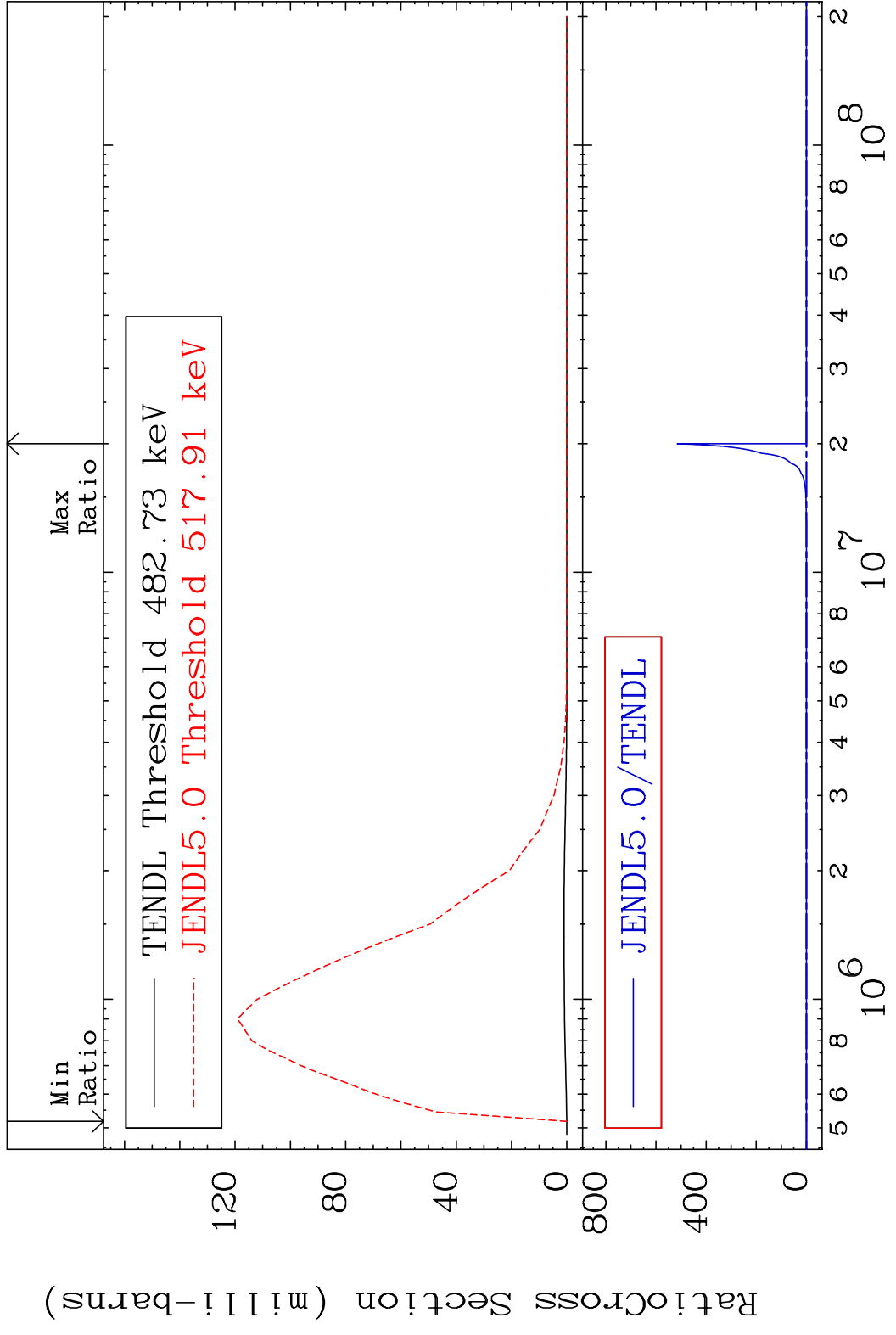
MAT 7835 MT= 76 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



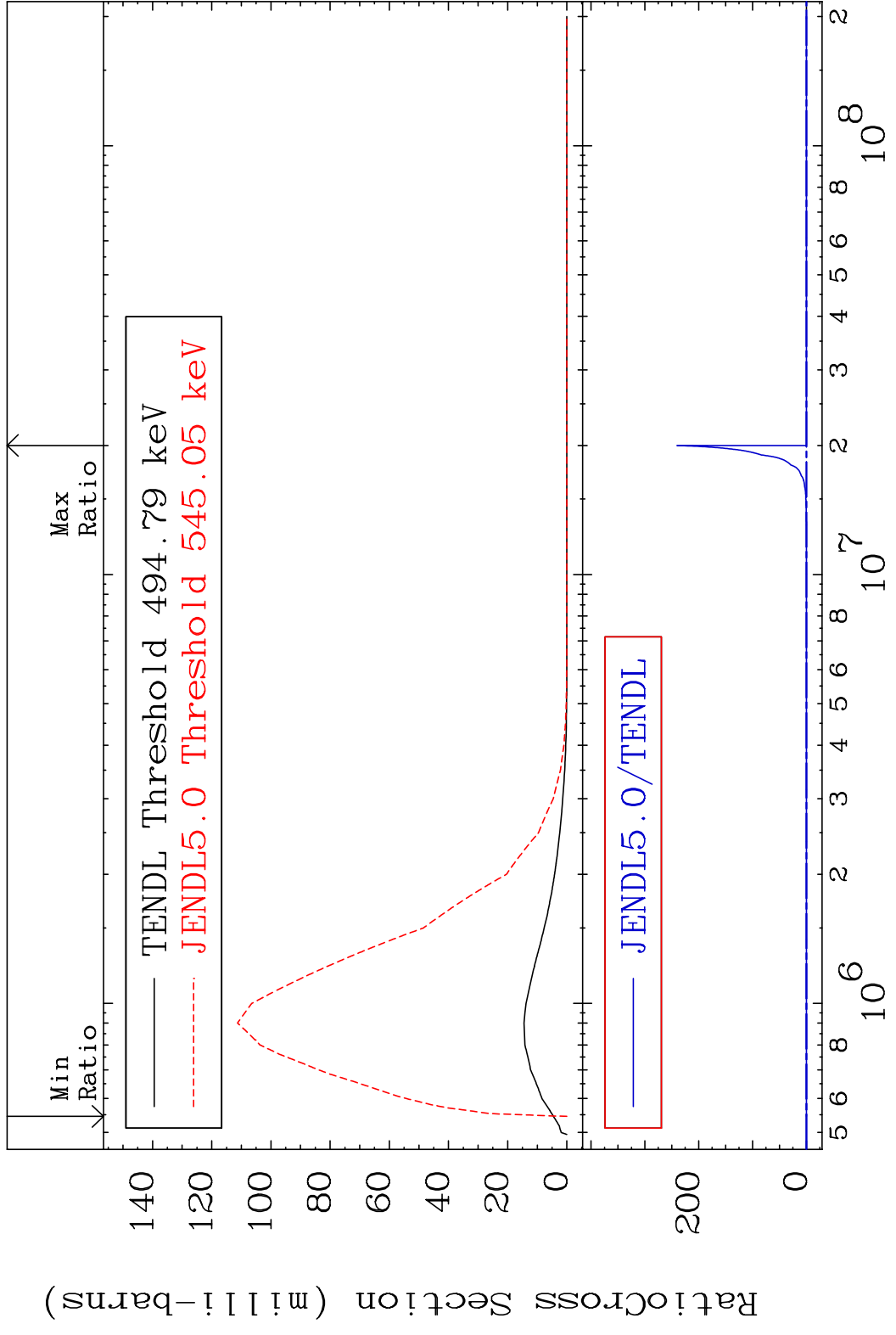
MAT 7835 MT= 77 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



MAT 7835 MT= 78 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %

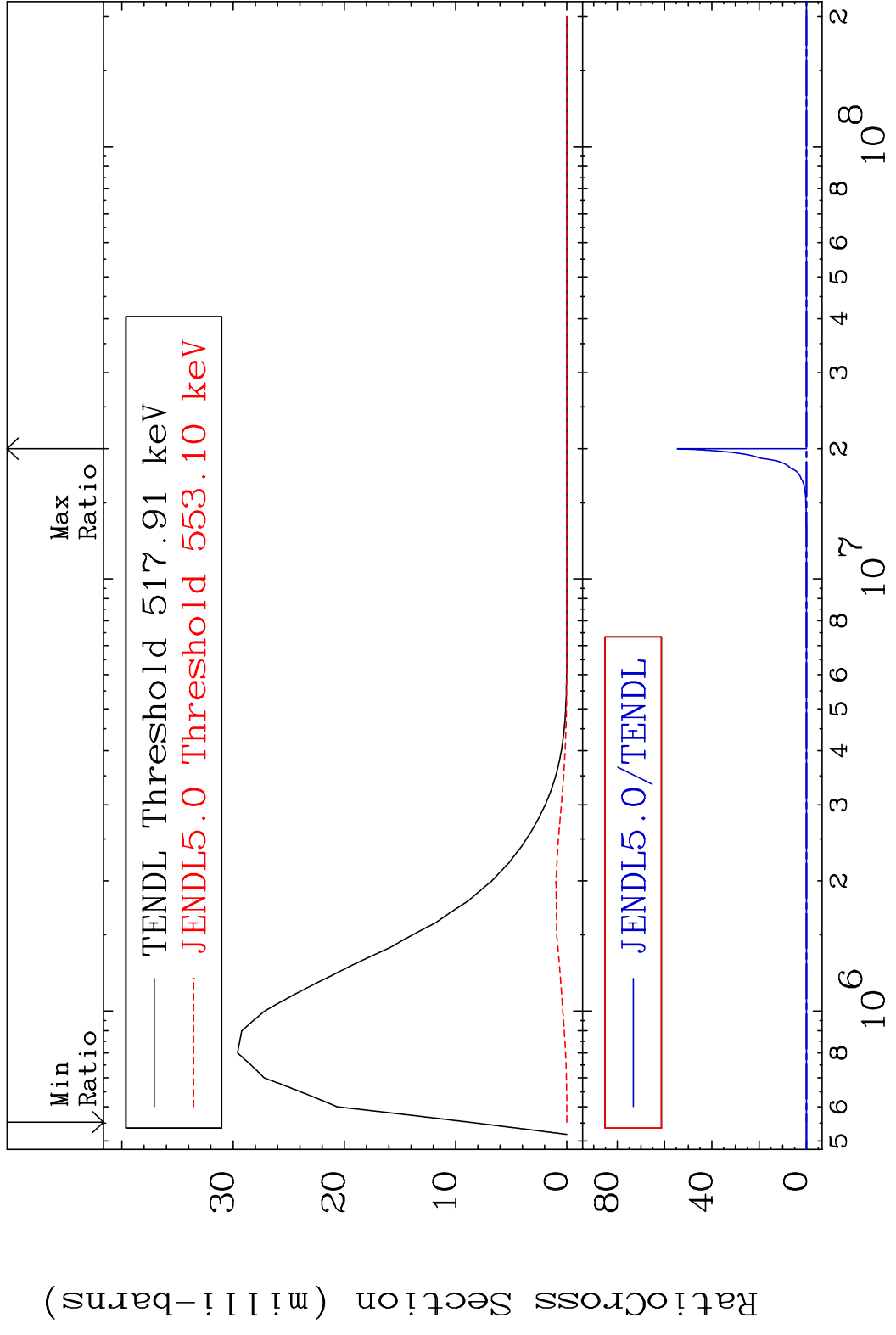


MAT 7835 MT= 79 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 78-Pt-193m

MAT 7835 MT= 80 (n, n') Level 78-Pt-193m
 Cross Section -100.0 To 9999. %



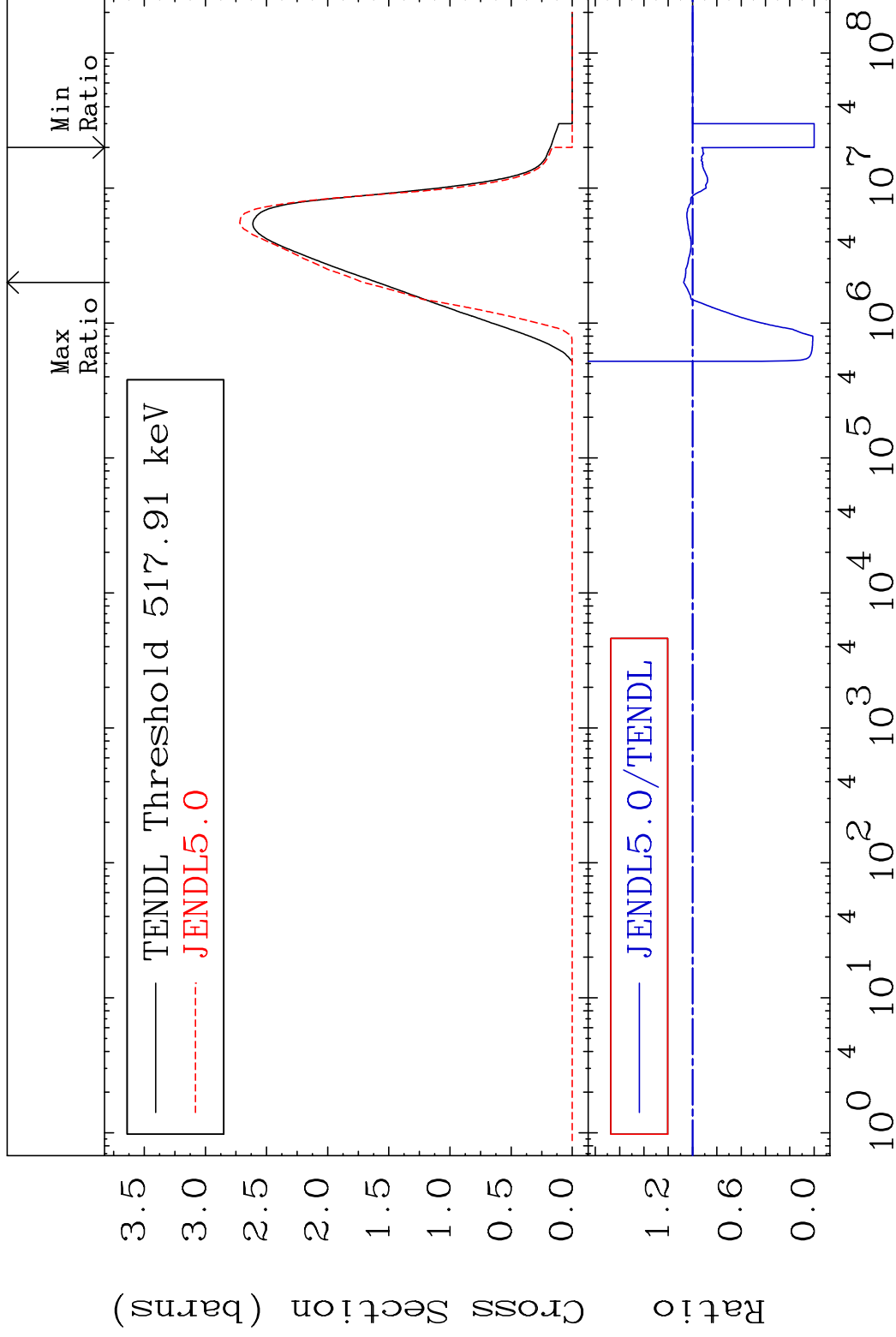
41 Incident Energy (eV) 78-Pt-193m

MAT 7835

(n, n') Continuum

78-Pt-193m

Cross Section -100.0 To 7.326 %



42

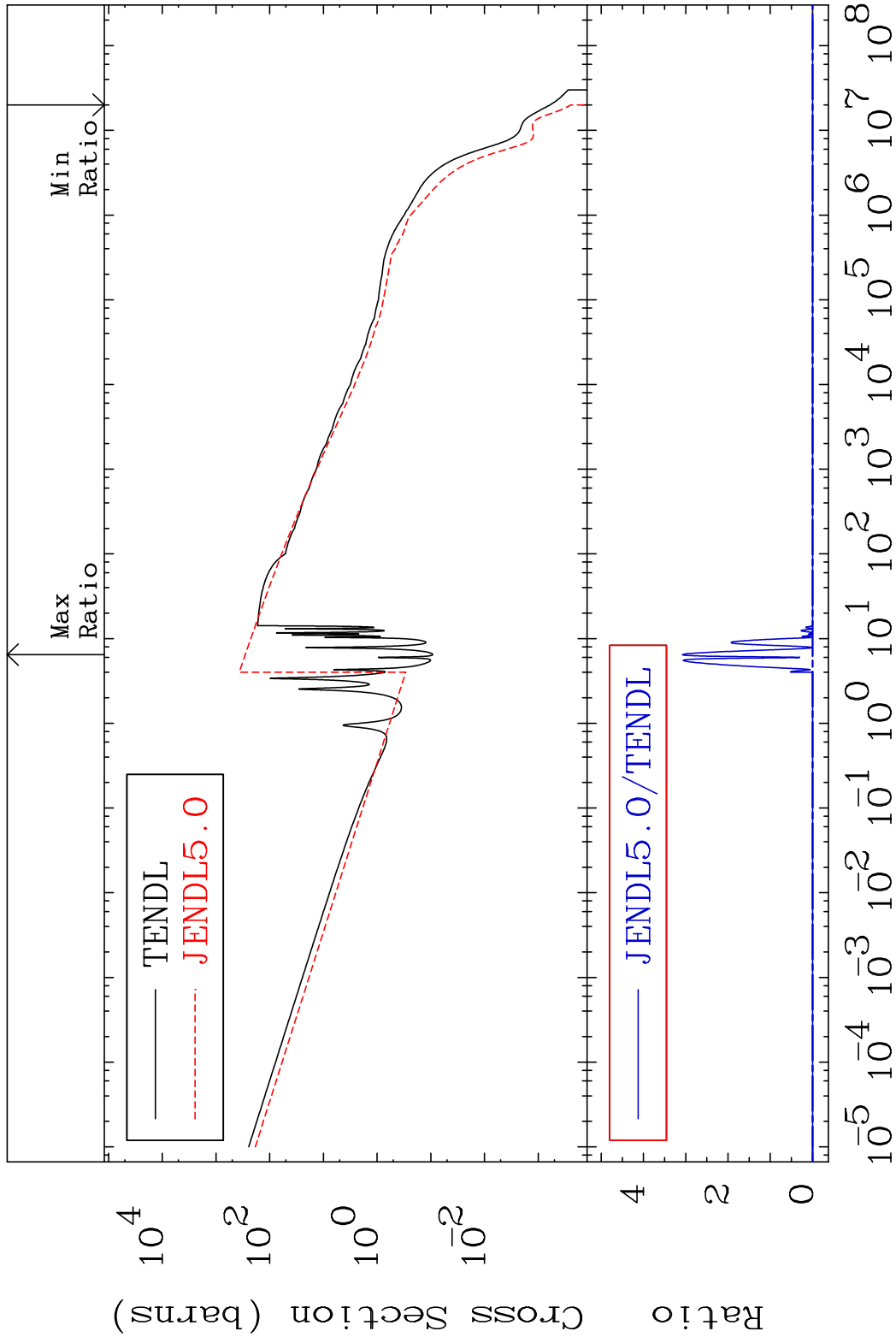
Incident Energy (eV)

78-Pt-193m

MAT 7835

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

78-Pt-193m



43

Incident Energy (eV)

78-Pt-193m

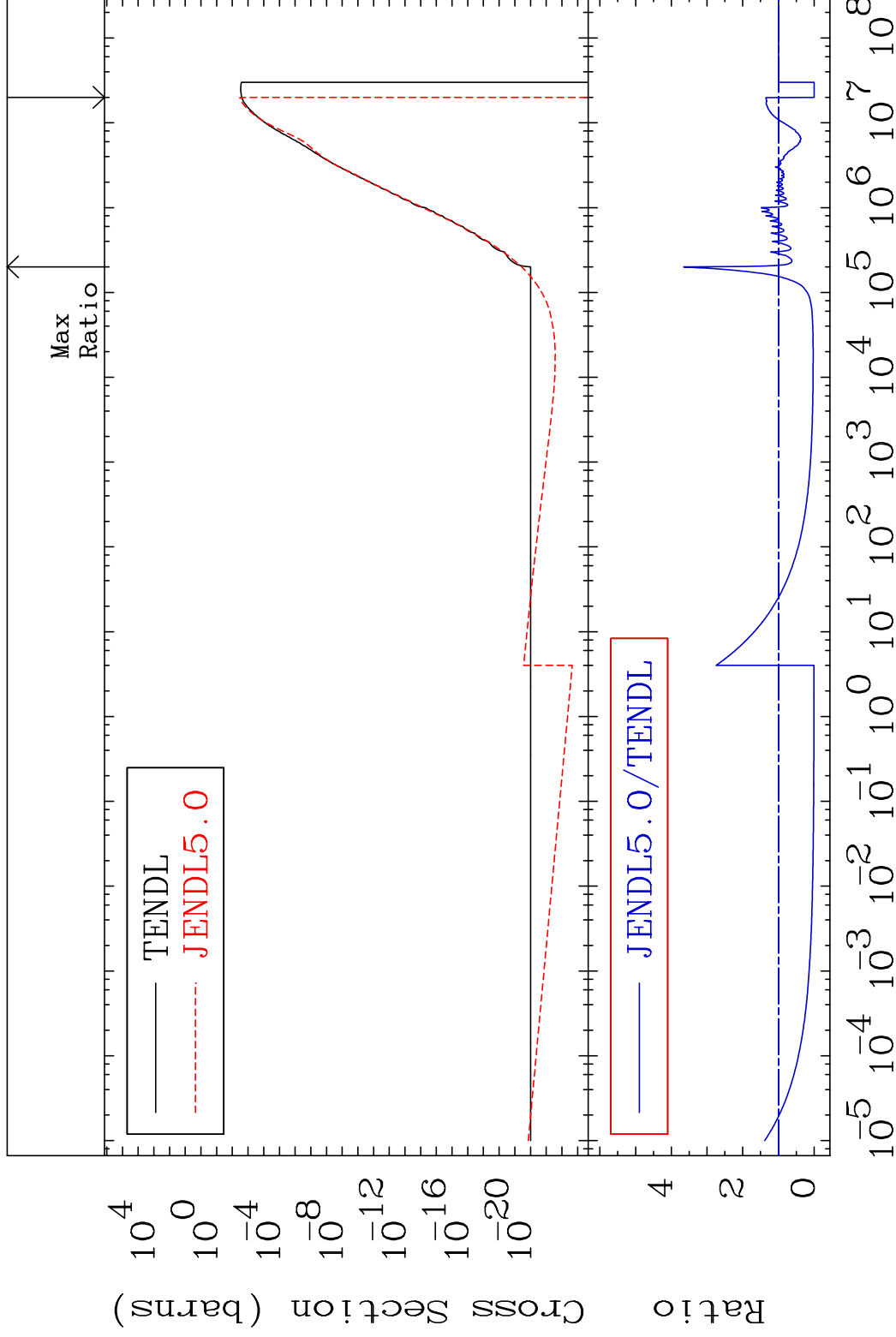
MAT 7835

(n, p)

78-Pt-193m

Cross Section

-100.0 To 265.4 %



44

Incident Energy (eV)

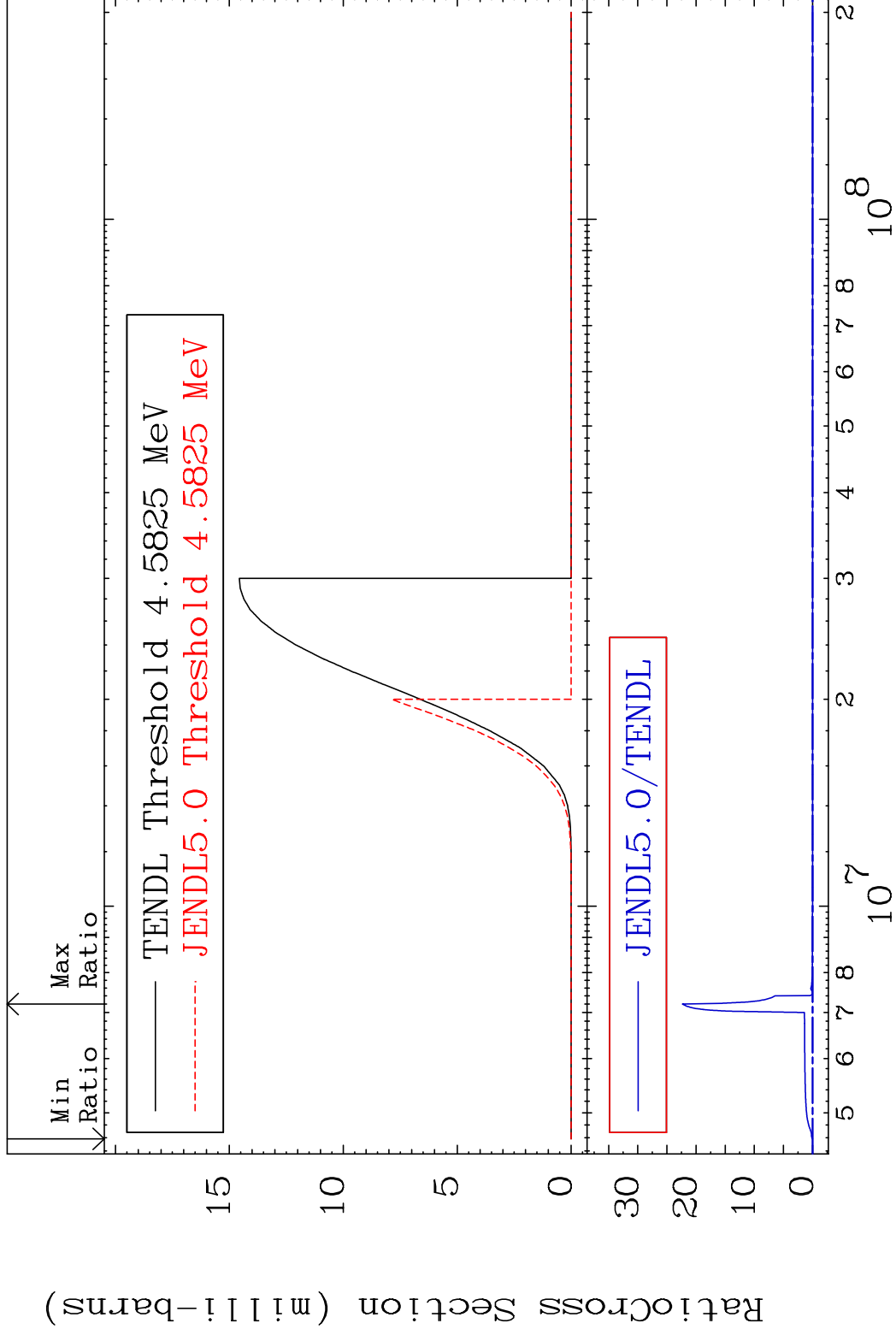
78-Pt-193m

MAT 7835

(n,d)

78-Pt-193m

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

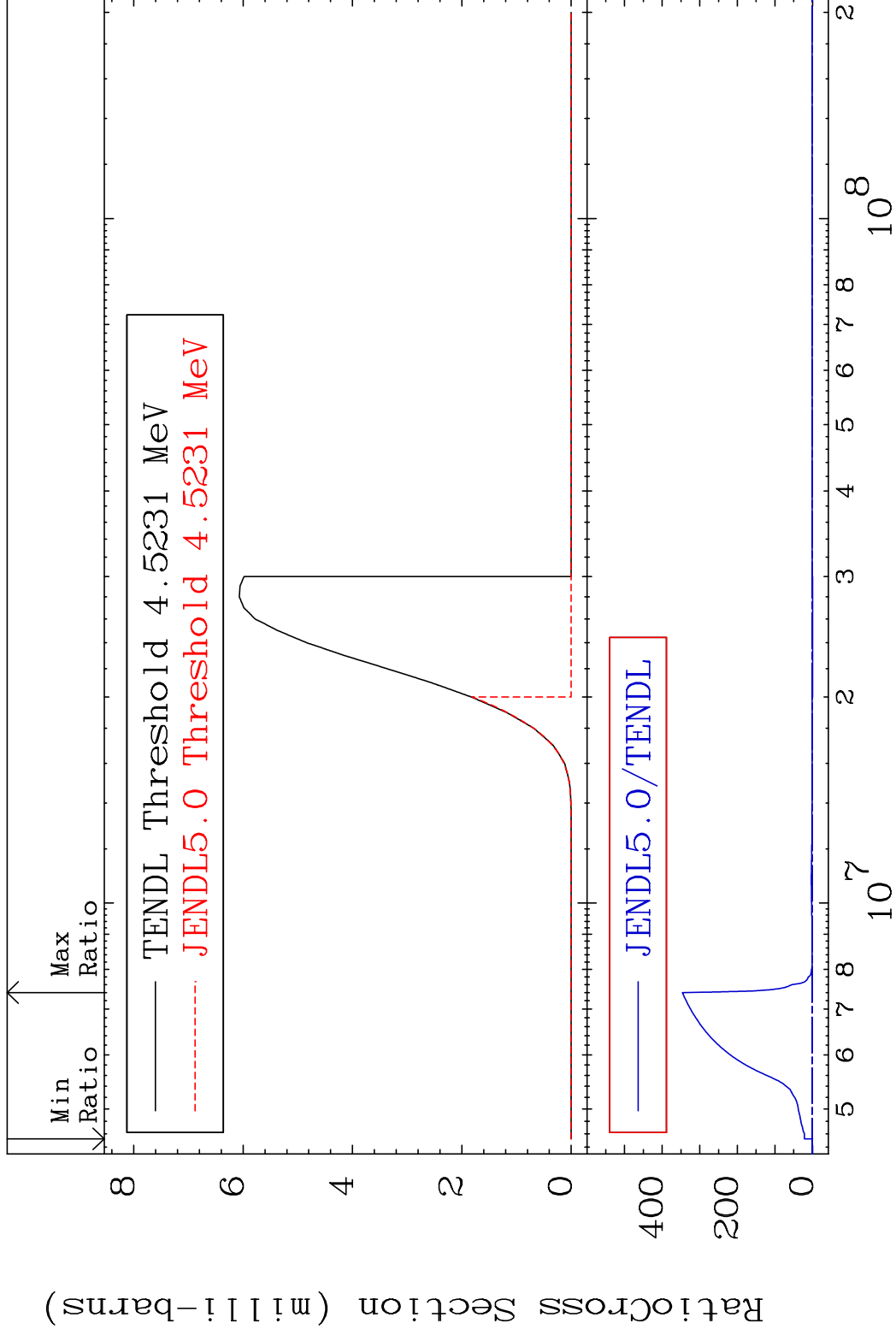
78-Pt-193m

MAT 7835

(n, t)

78-Pt-193m

Cross Section -100.0 To 9999. %

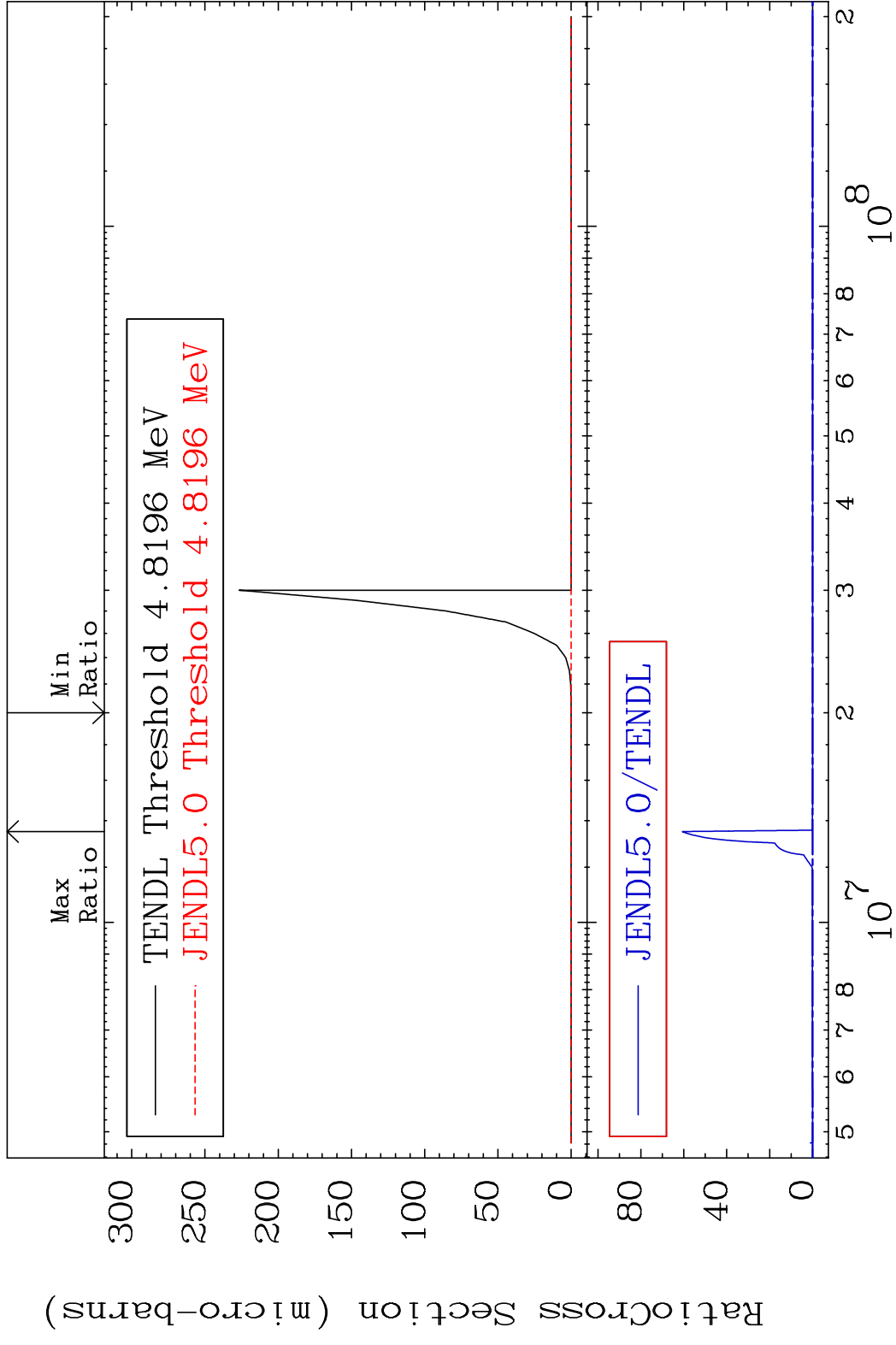


46

Incident Energy (eV)

78-Pt-193m

MAT 7835 (n, He-3) 78-Pt-193m
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 78-Pt-193m

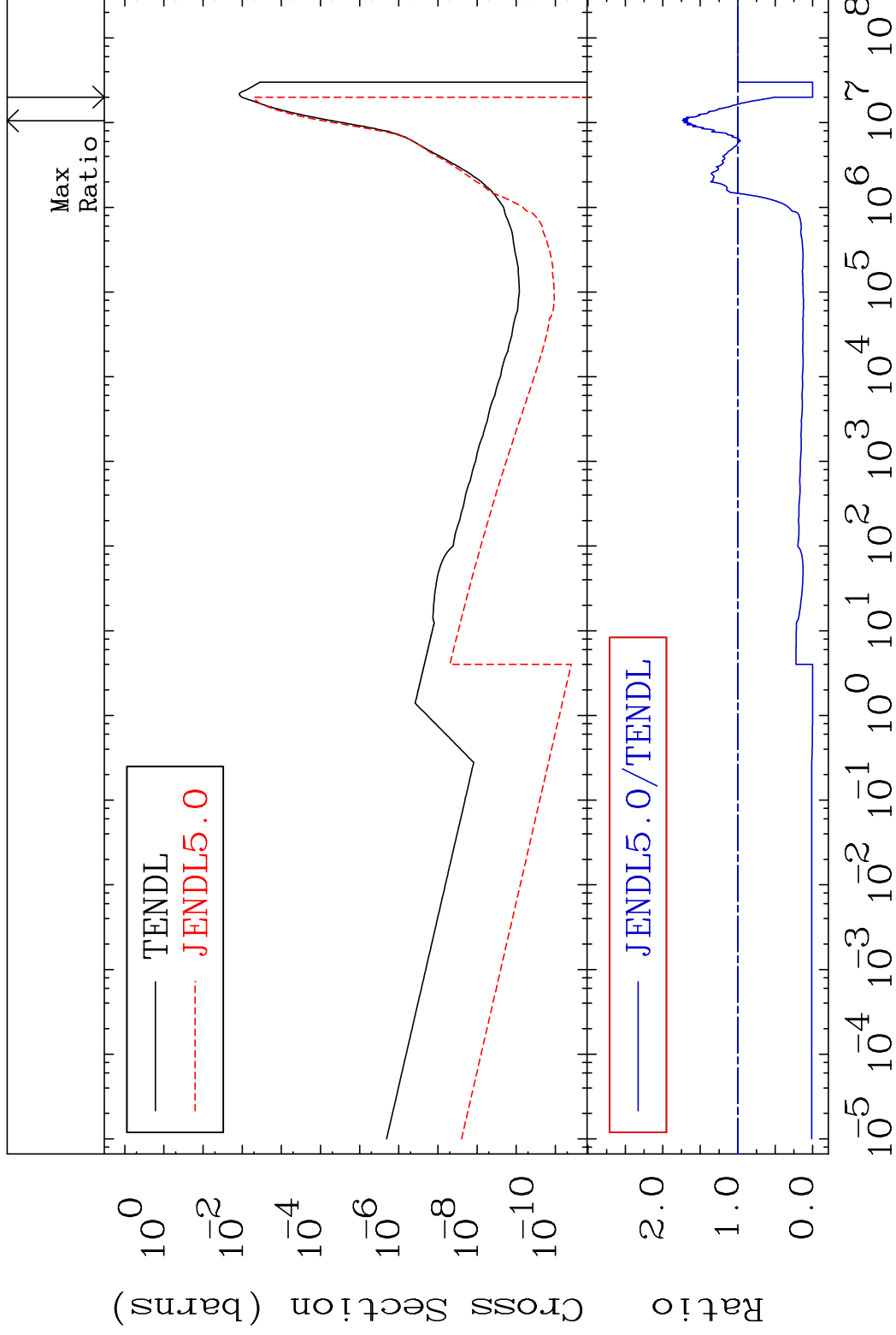
MAT 7835

(n, α)

78-Pt-193m

Cross Section

-100.0 To 73.96 %



48

Incident Energy (eV)

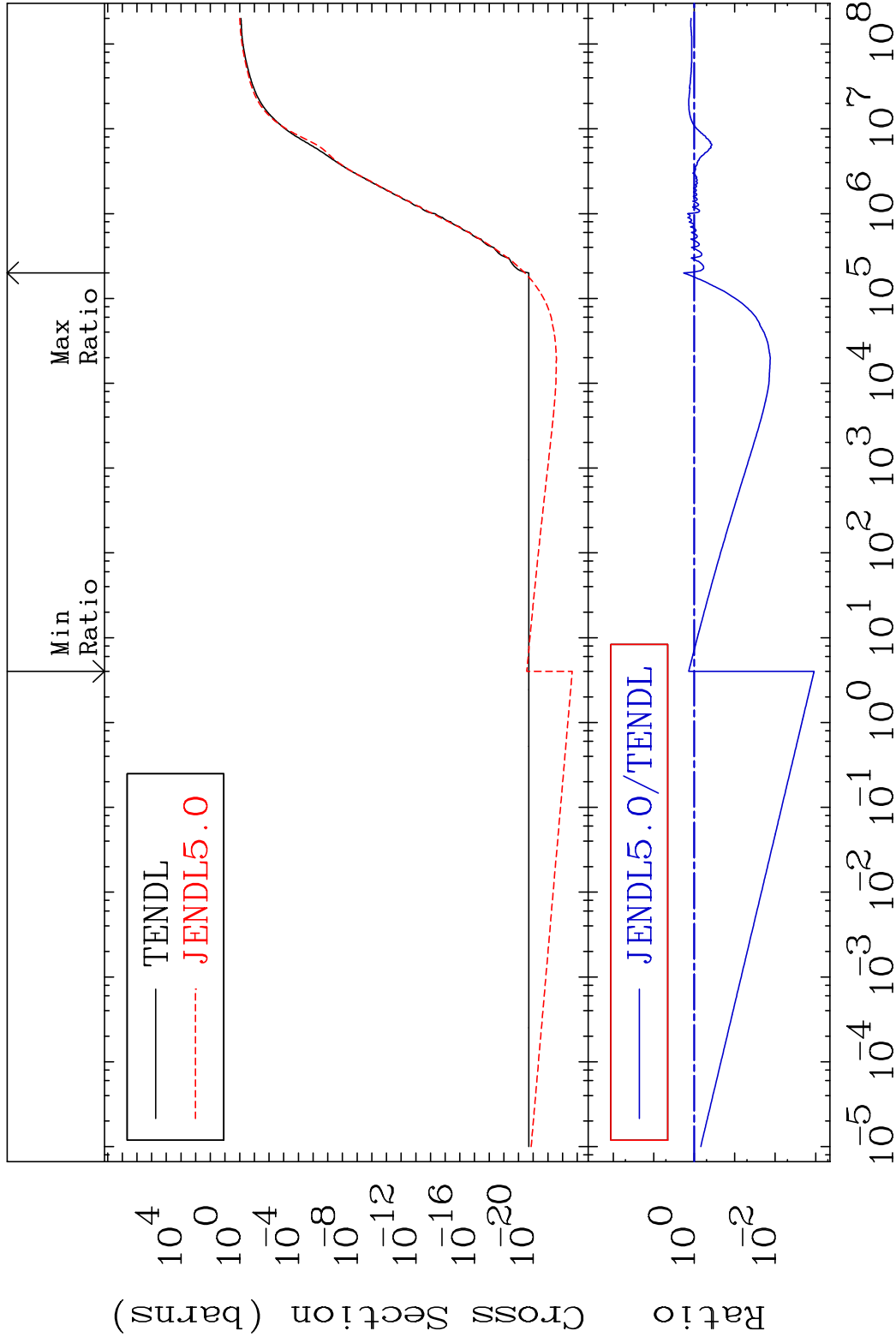
78-Pt-193m

MAT 7835

Hydrogen Production

78-Pt-193m

Cross Section -99.89 To 82.70 %



49

Incident Energy (eV)

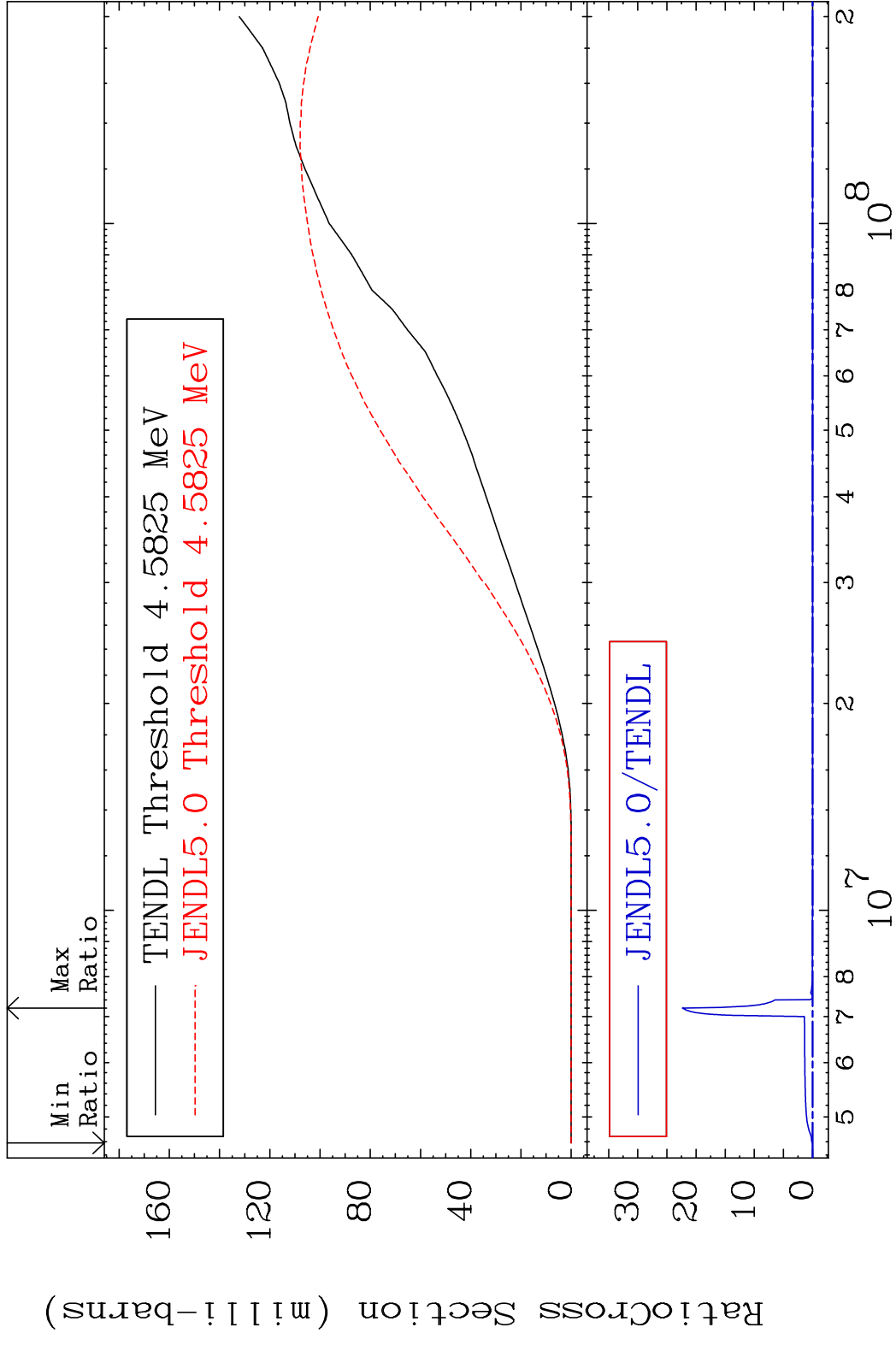
78-Pt-193m

MAT 7835

Deuterium Production

78-Pt-193m

Cross Section -100.0 To 9999. %



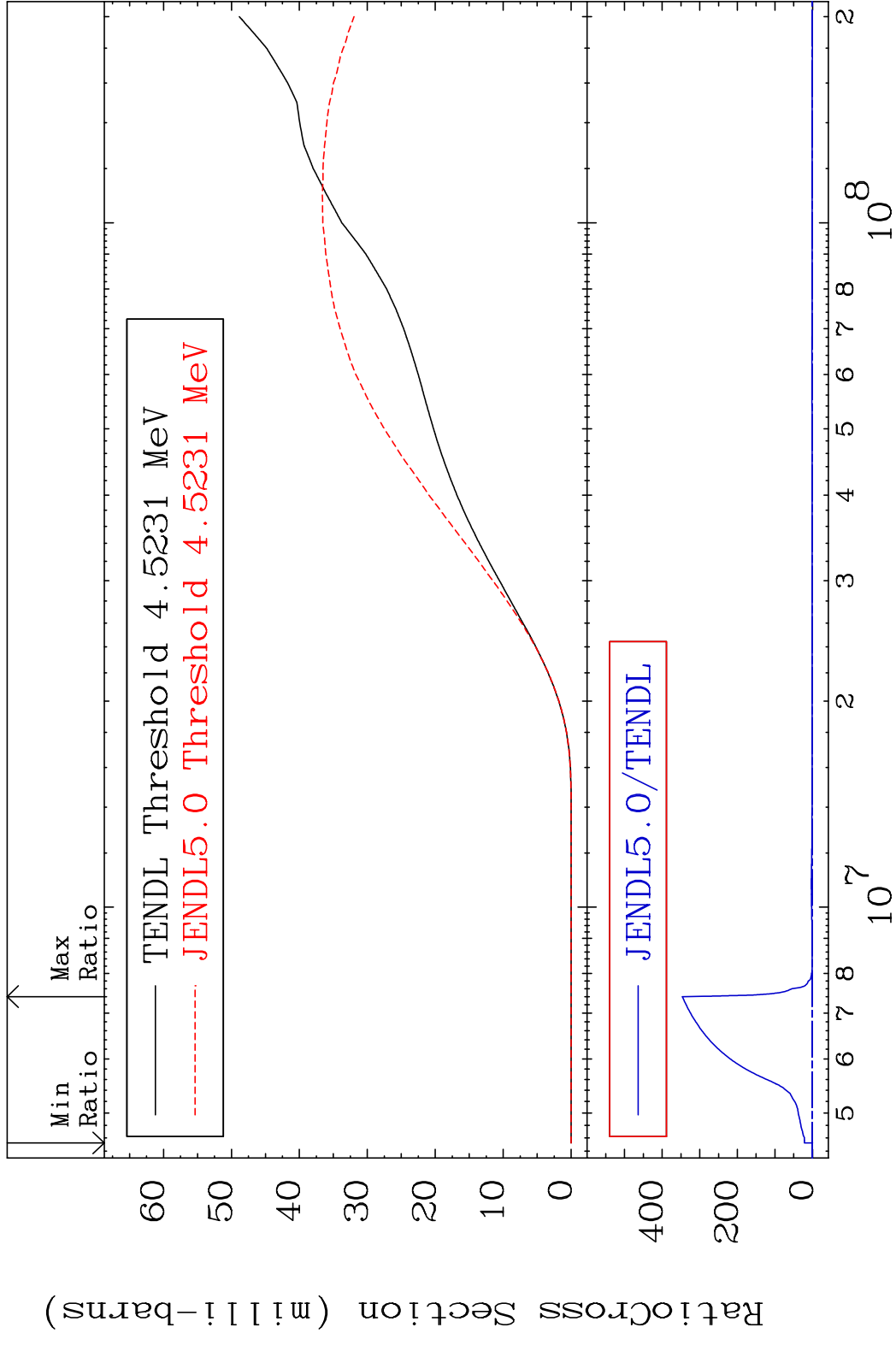
50

Incident Energy (eV)

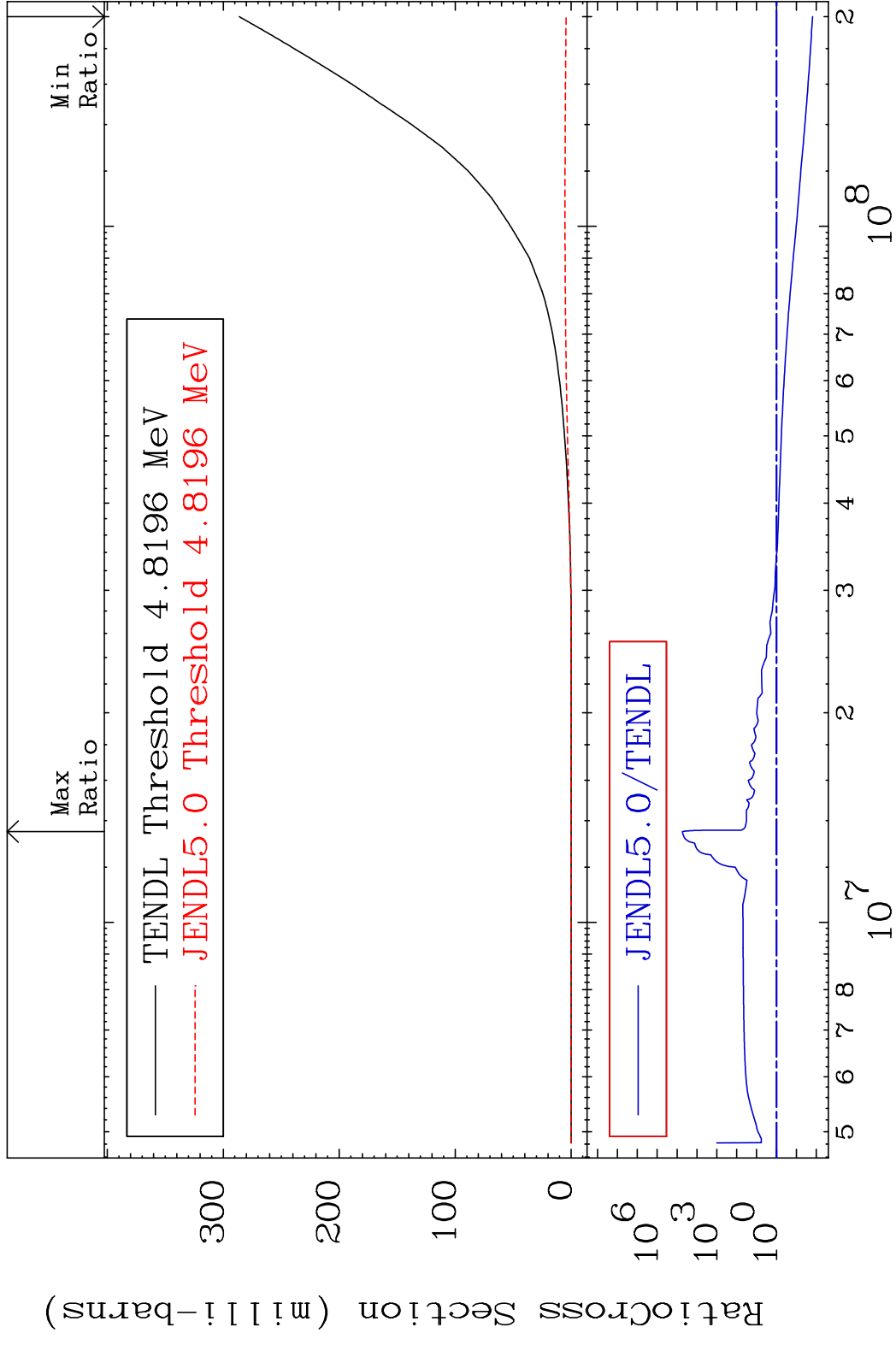
78-Pt-193m

MAT 7835

Tritium Production 78-Pt-193m
Cross Section -100.0 To 9999. %



MAT 7835 He-3 Production 78-Pt-193m
 Cross Section -98.47 To 9999. %

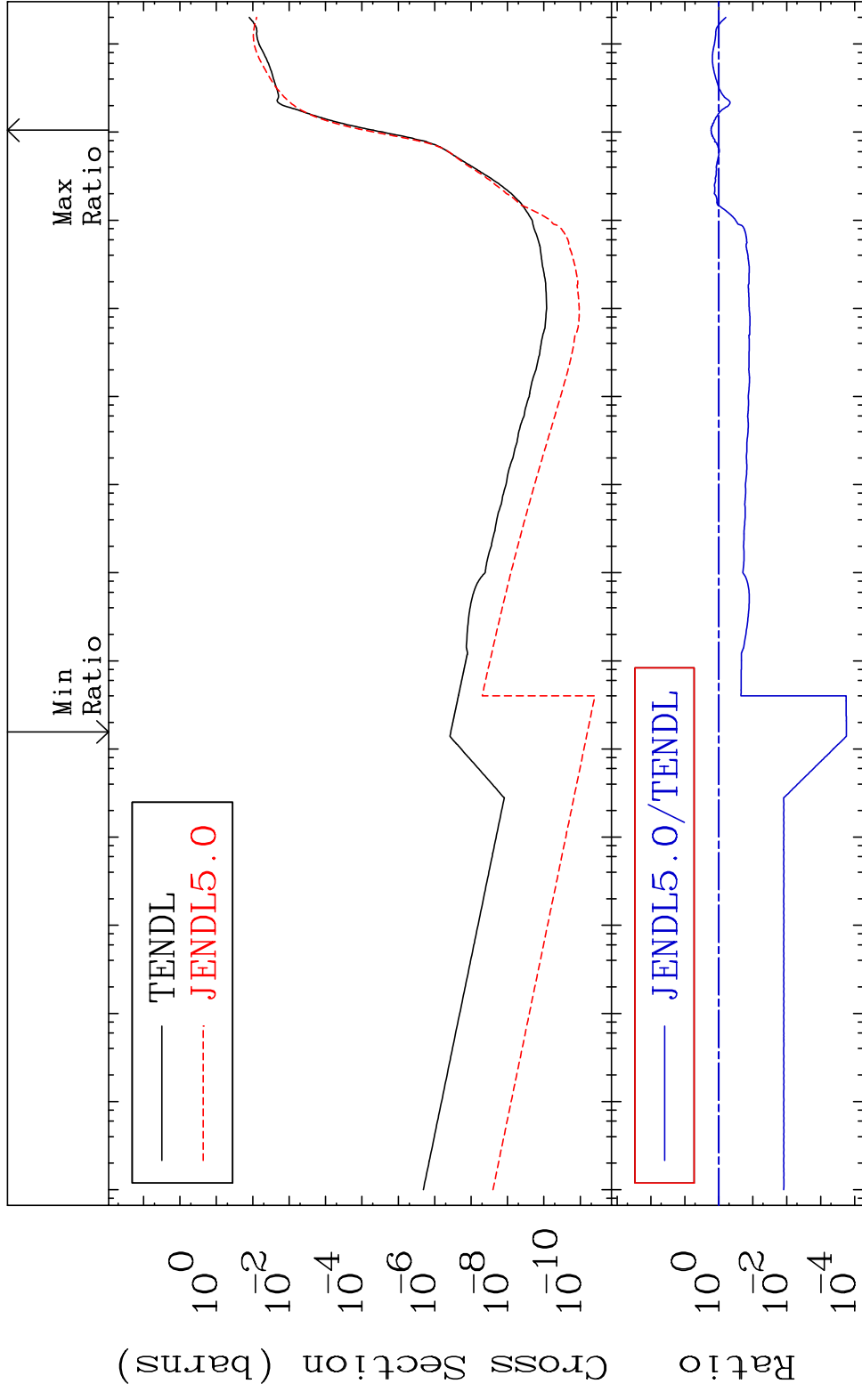


MAT 7835

He-4 Production

78-Pt-193m

Cross Section -99.98 To 73.85 %

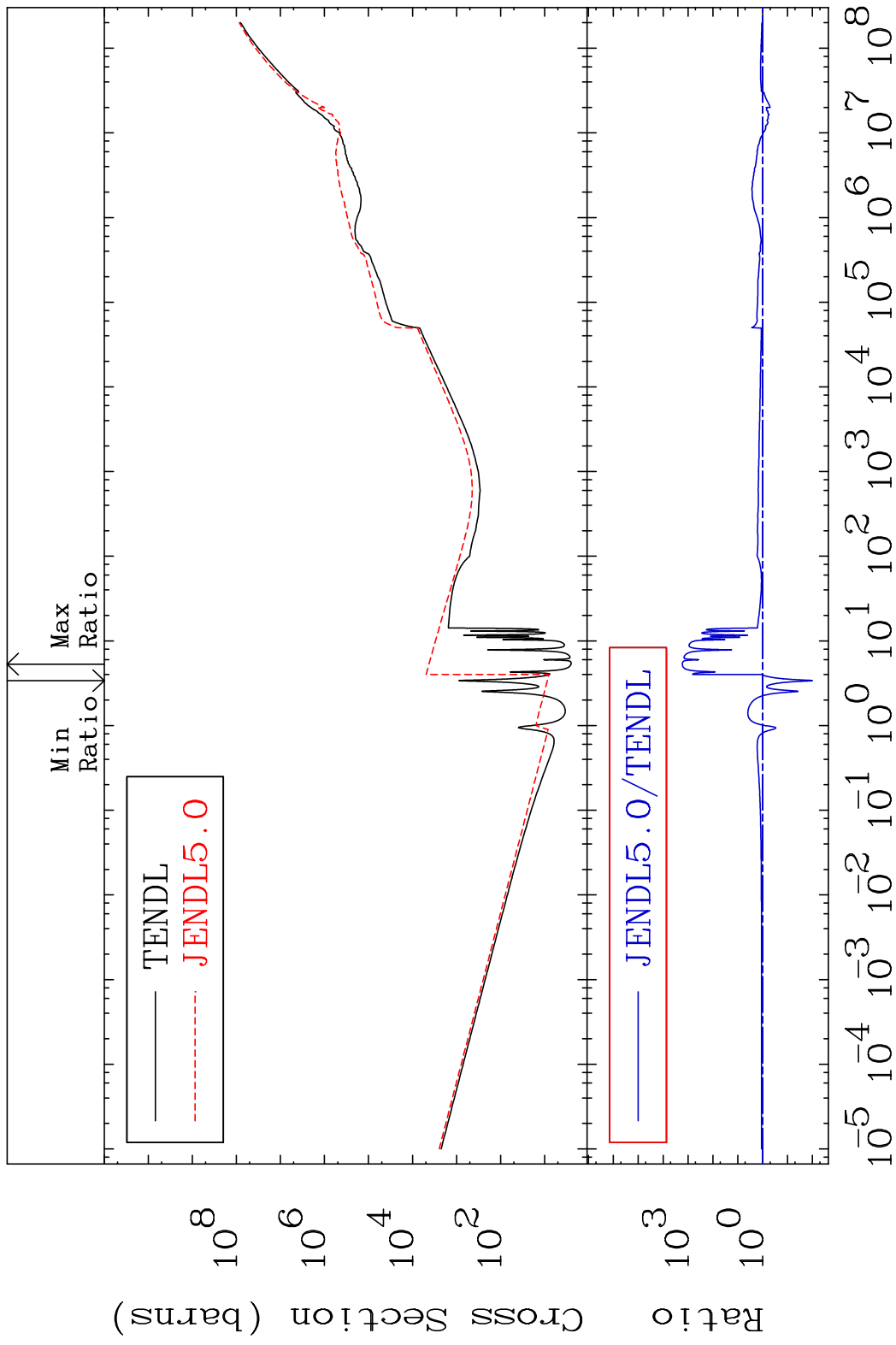


53

Incident Energy (eV)

78-Pt-193m

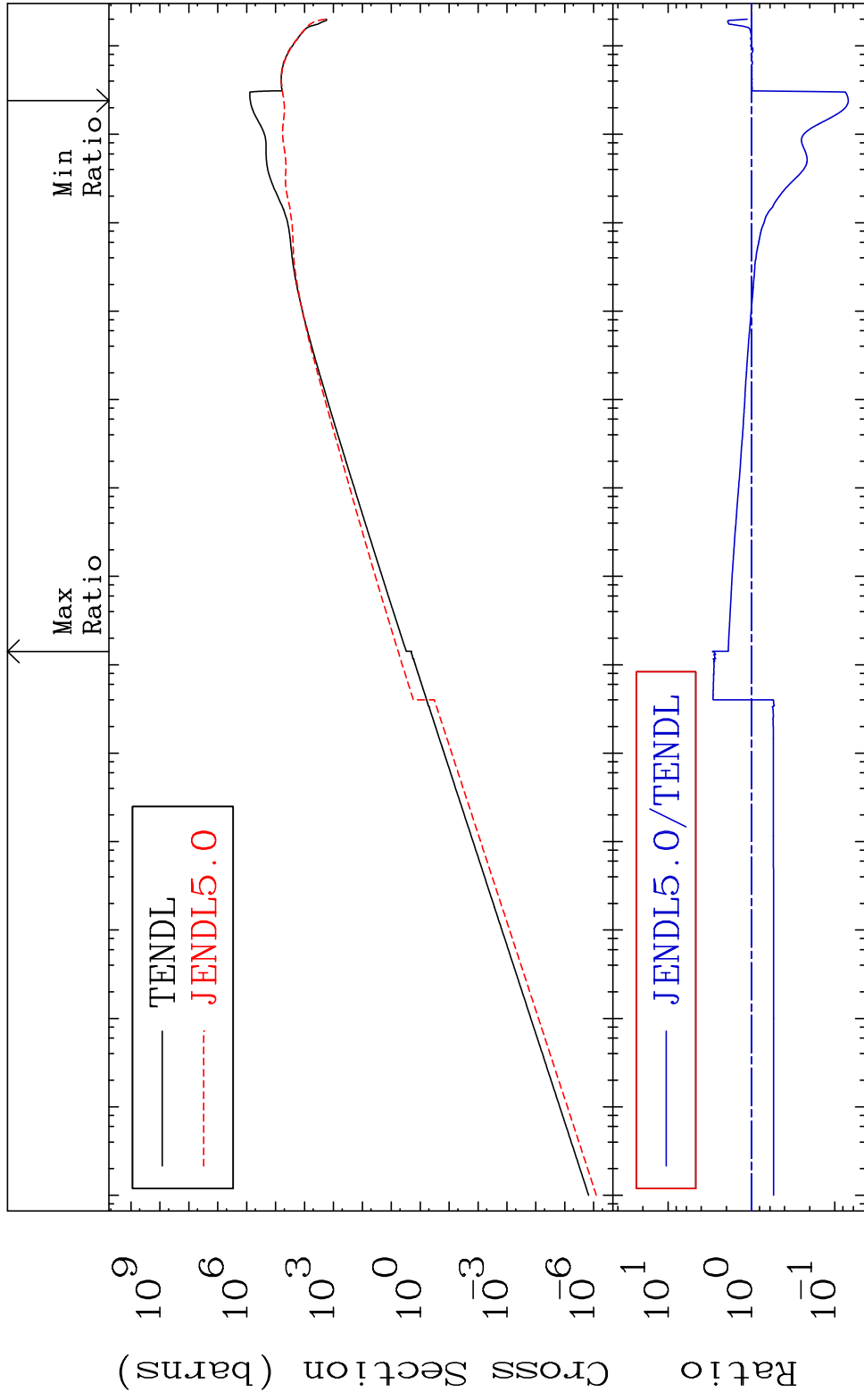
MAT 7835 Kerma total (eV-barns) 78-Pt-193m
 Cross Section -99.02 To 9999. %



MAT 7835

Kerma elastic
Cross Section

78-Pt-193m
-93.11 To 194.1 %

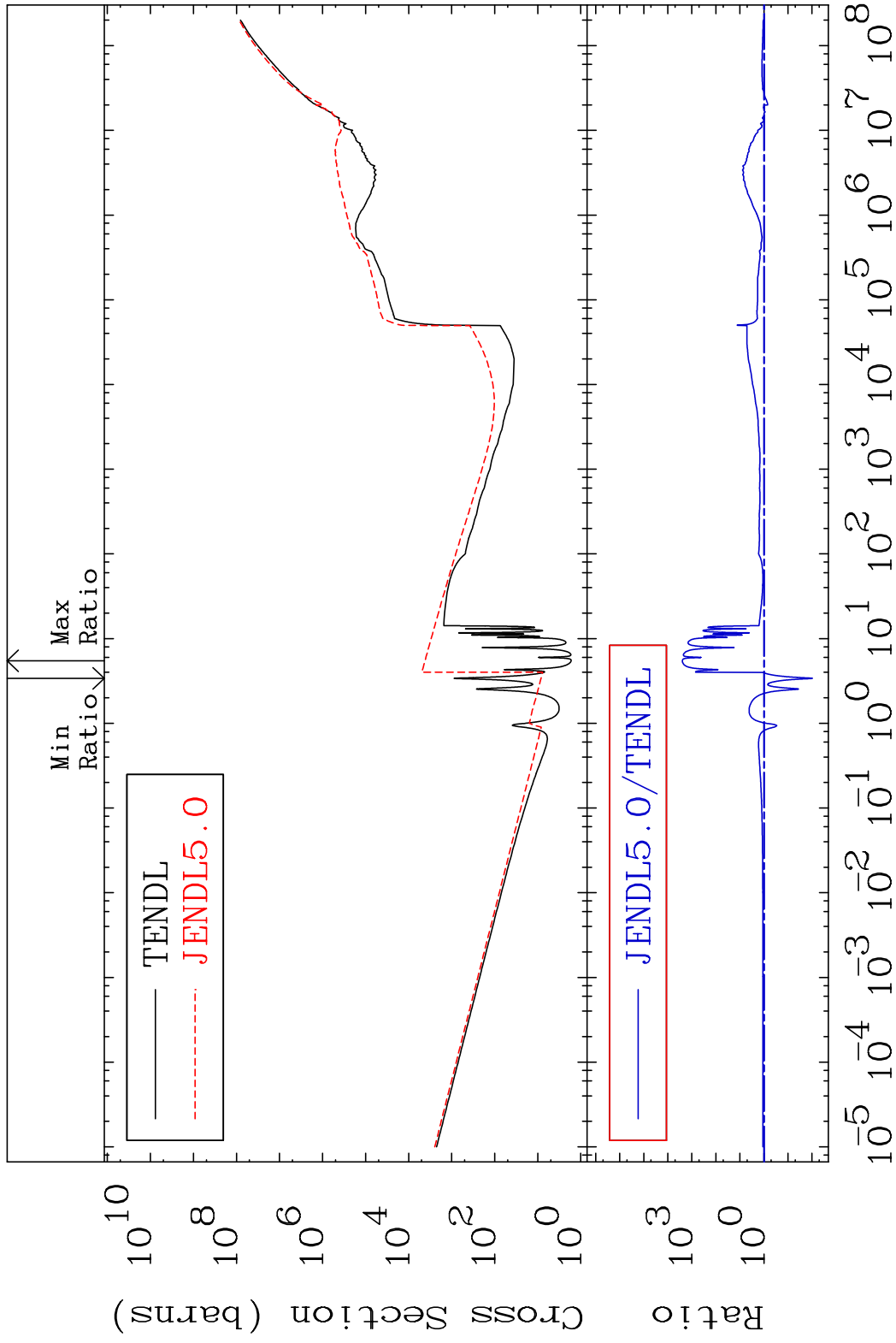


55

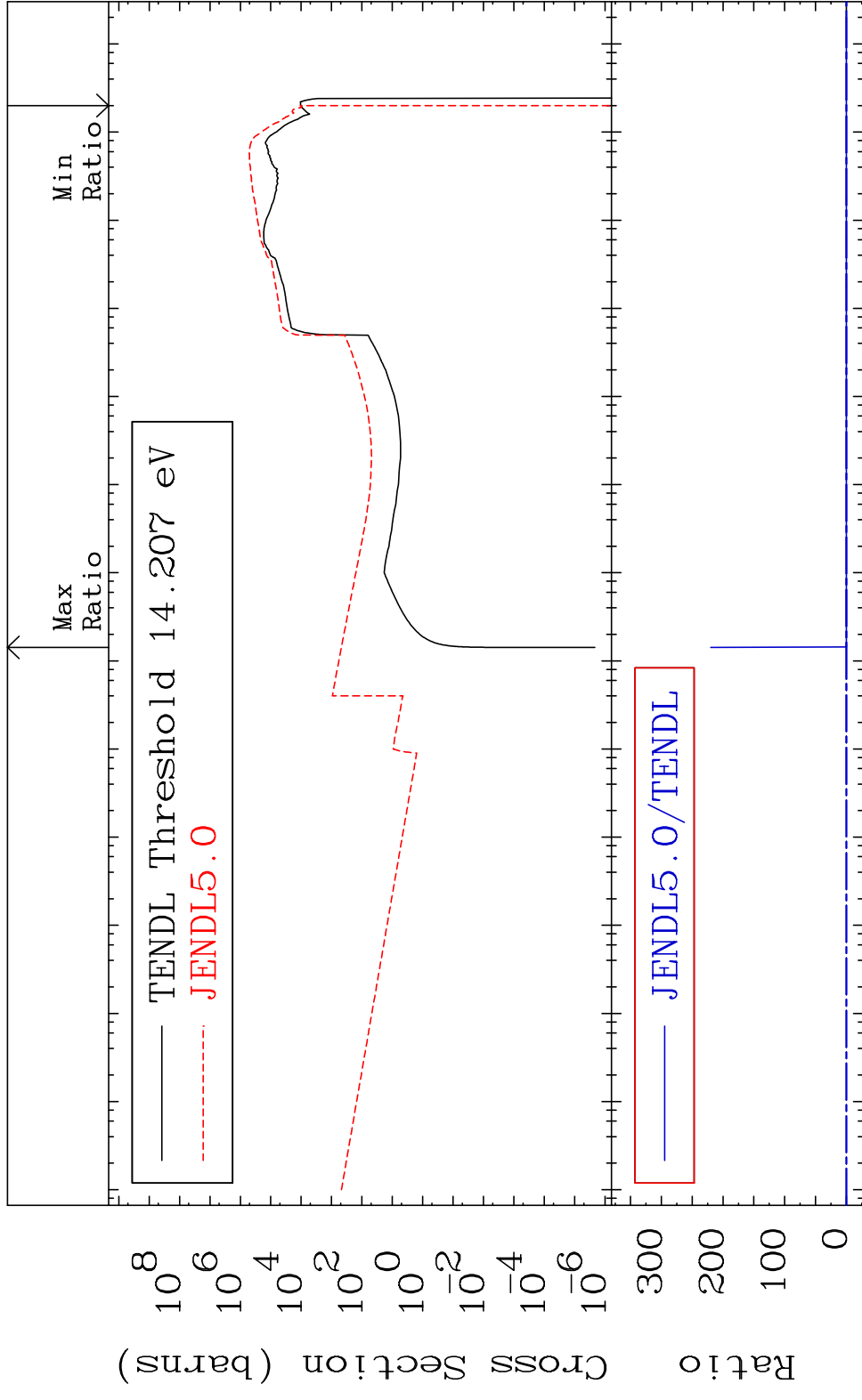
Incident Energy (eV)

78-Pt-193m

MAT 7835 Kerma non-elastic (all but mt2) 78-Pt-193m
 Cross Section -99.05 To 9999. %



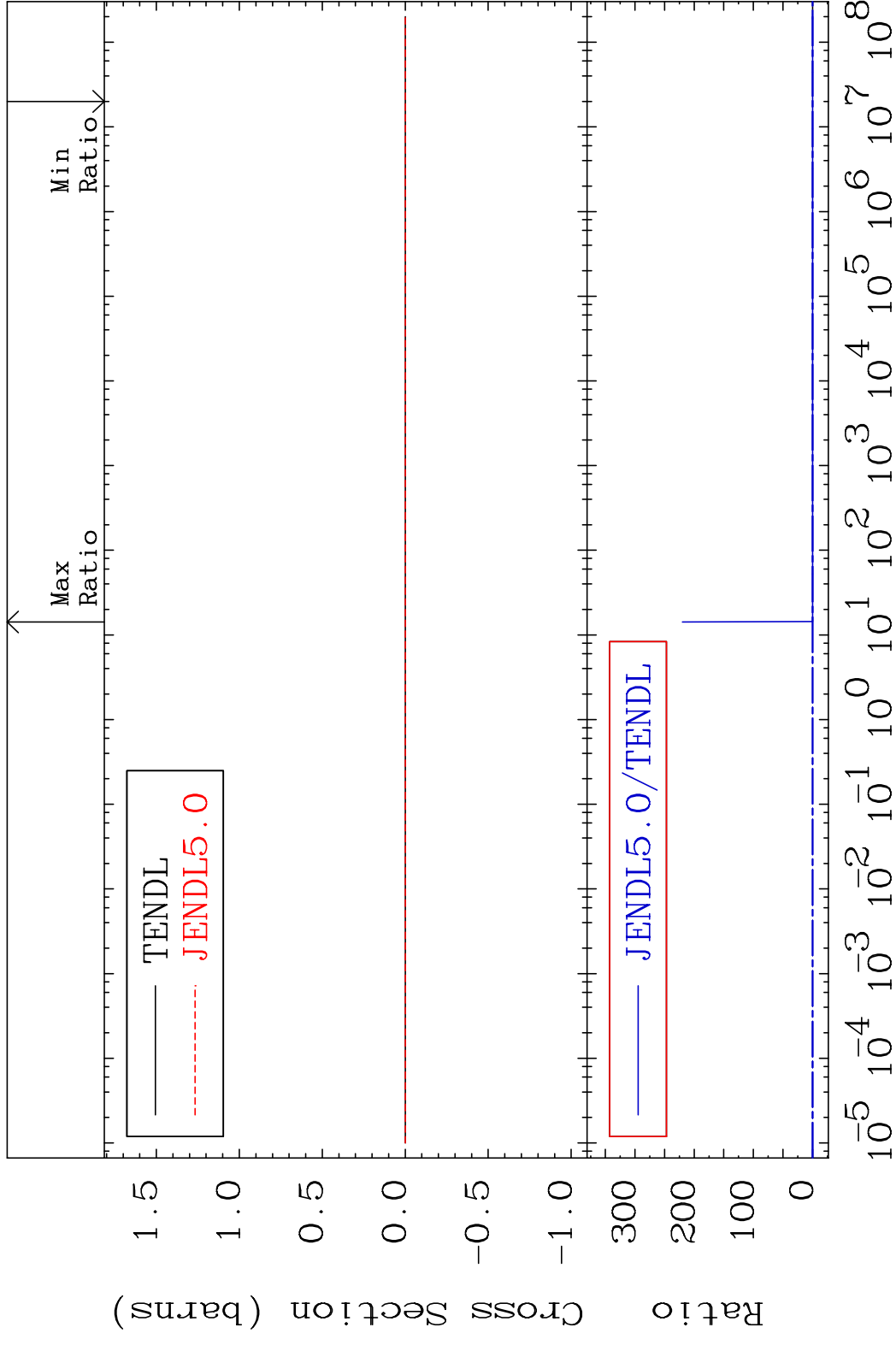
MAT 7835 Kerma inelastic (mt51-91) 78-Pt-193m
 Cross Section -100.0 To 9999. %



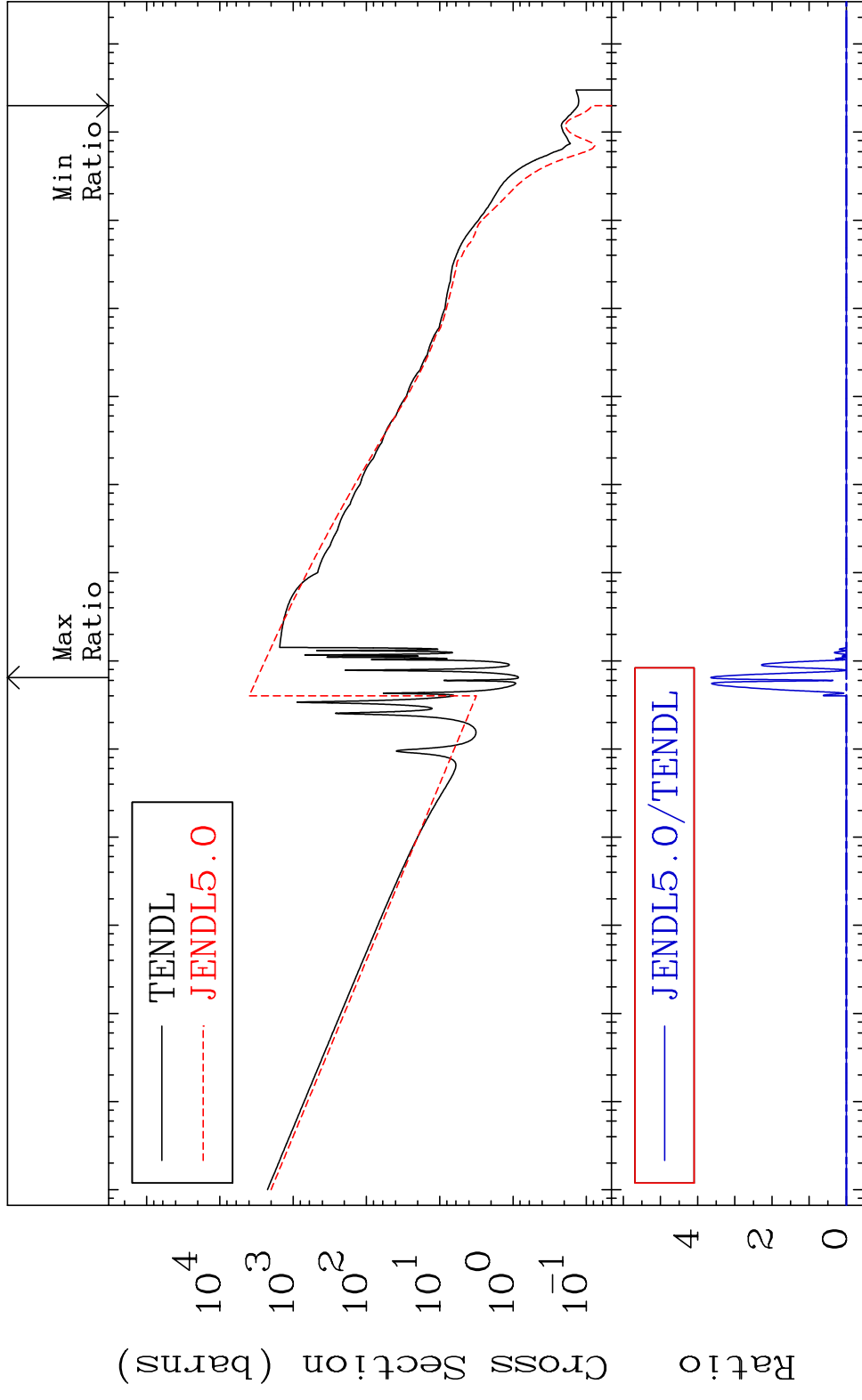
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

57 Incident Energy (eV) 78-Pt-193m

MAT 7835 Kerma fission (mt18 or mt19-20-21-38) Pt-193m
 Cross Section -100.0 To 9999. %



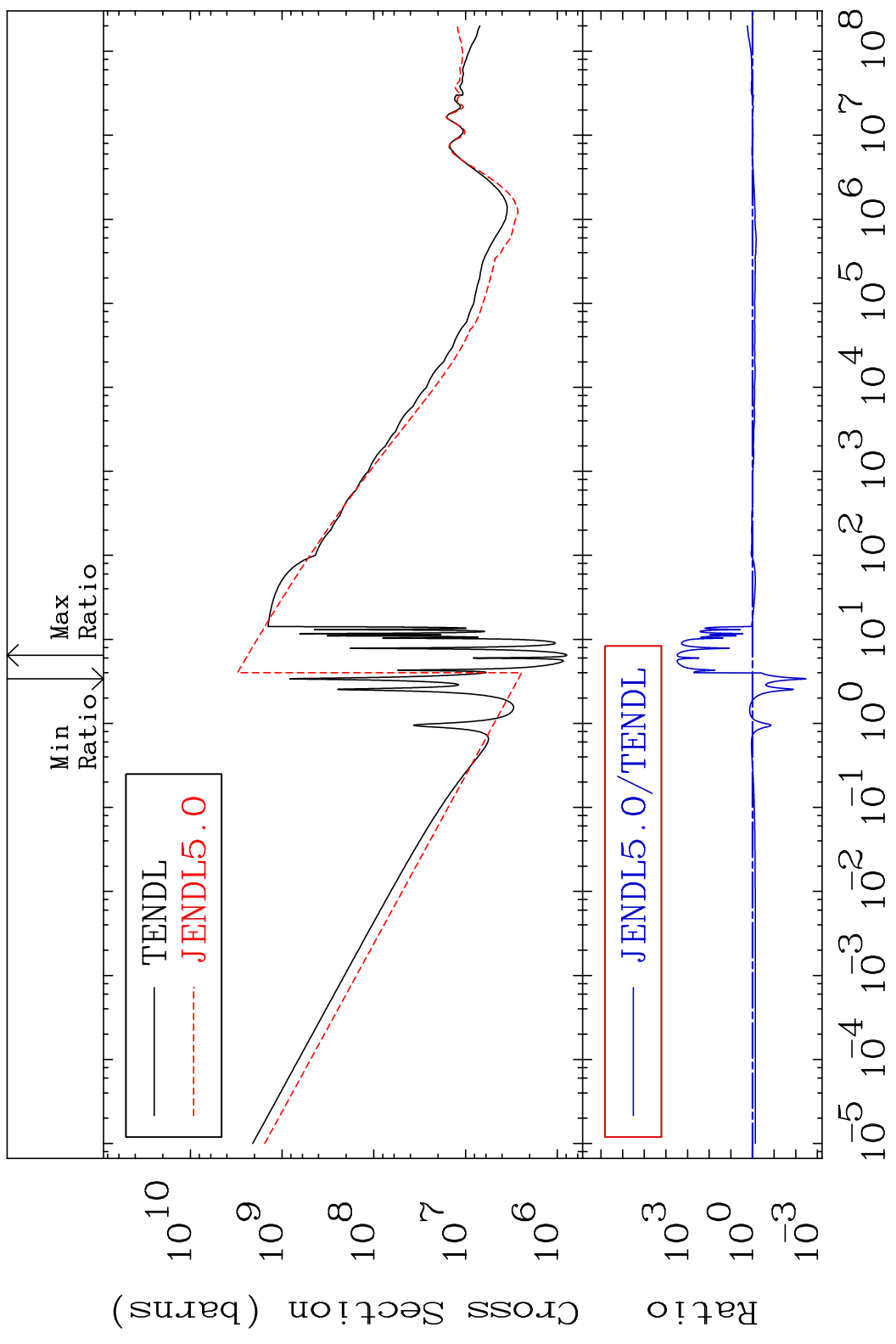
MAT 7835 Kerma capture (mt102) 78-Pt-193m
 Cross Section -100.0 To 9999. %



59 Incident Energy (eV) 78-Pt-193m

MAT 7835

Total photon (eV-barns) 78-Pt-193m
Cross Section -99.68 To 9999. %

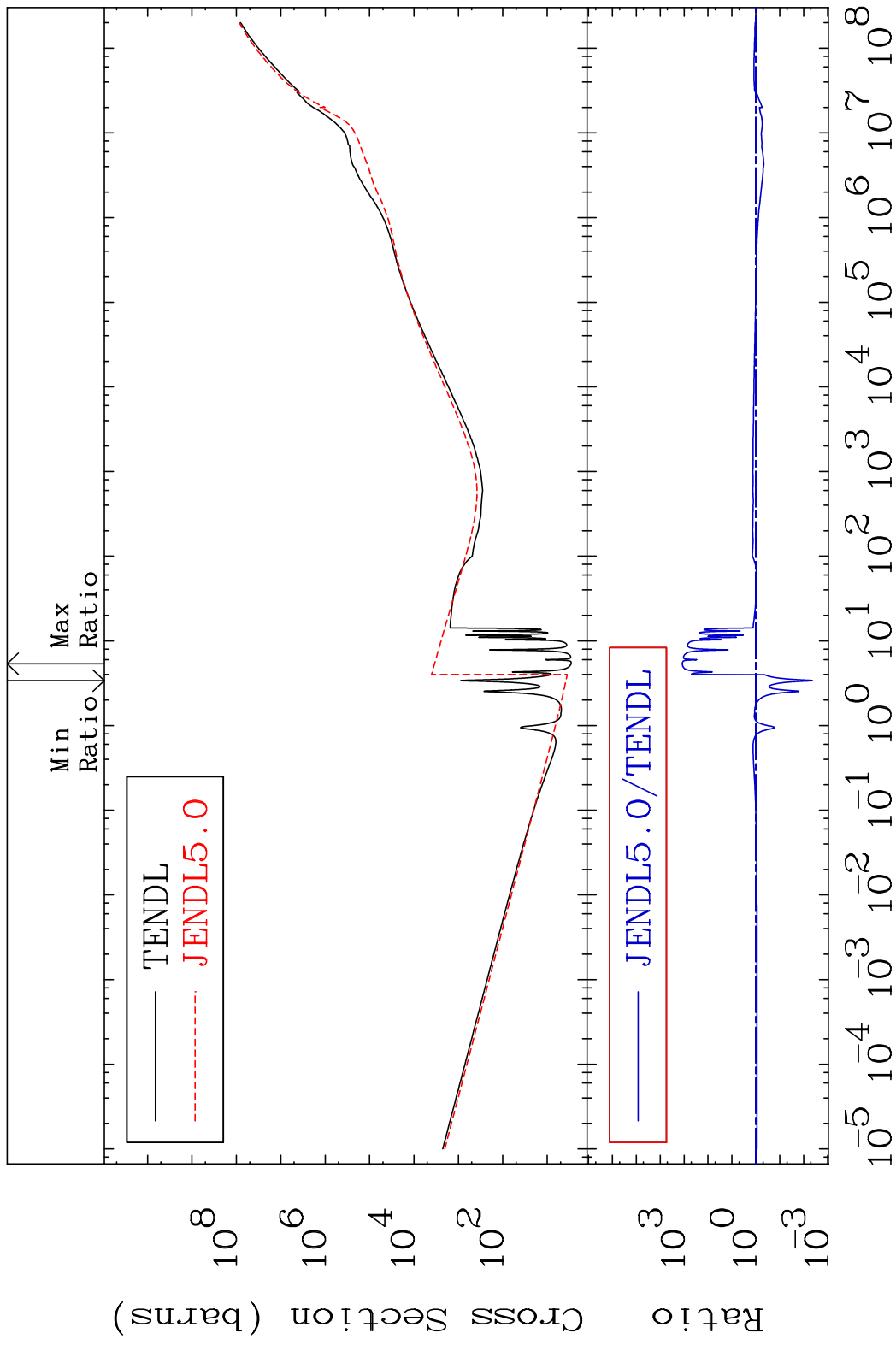


60

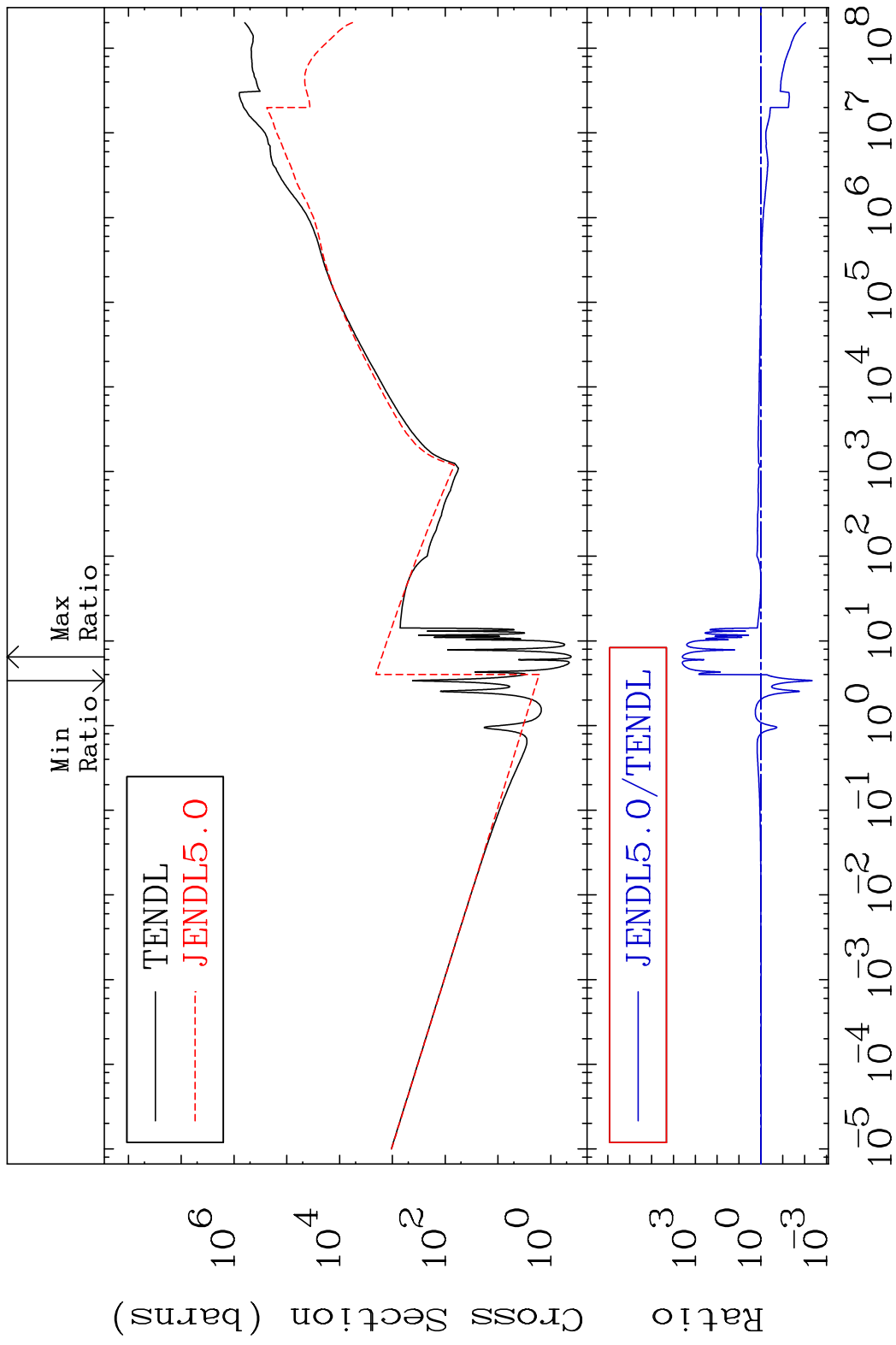
Incident Energy (eV)

78-Pt-193m

MAT 7835 Total kinematic kerma (high limit)78-Pt-193m
 Cross Section -99.57 To 9999. %



MAT 7835 Dpa total (eV-barns) 78-Pt-193m
 Cross Section -99.56 To 9999. %



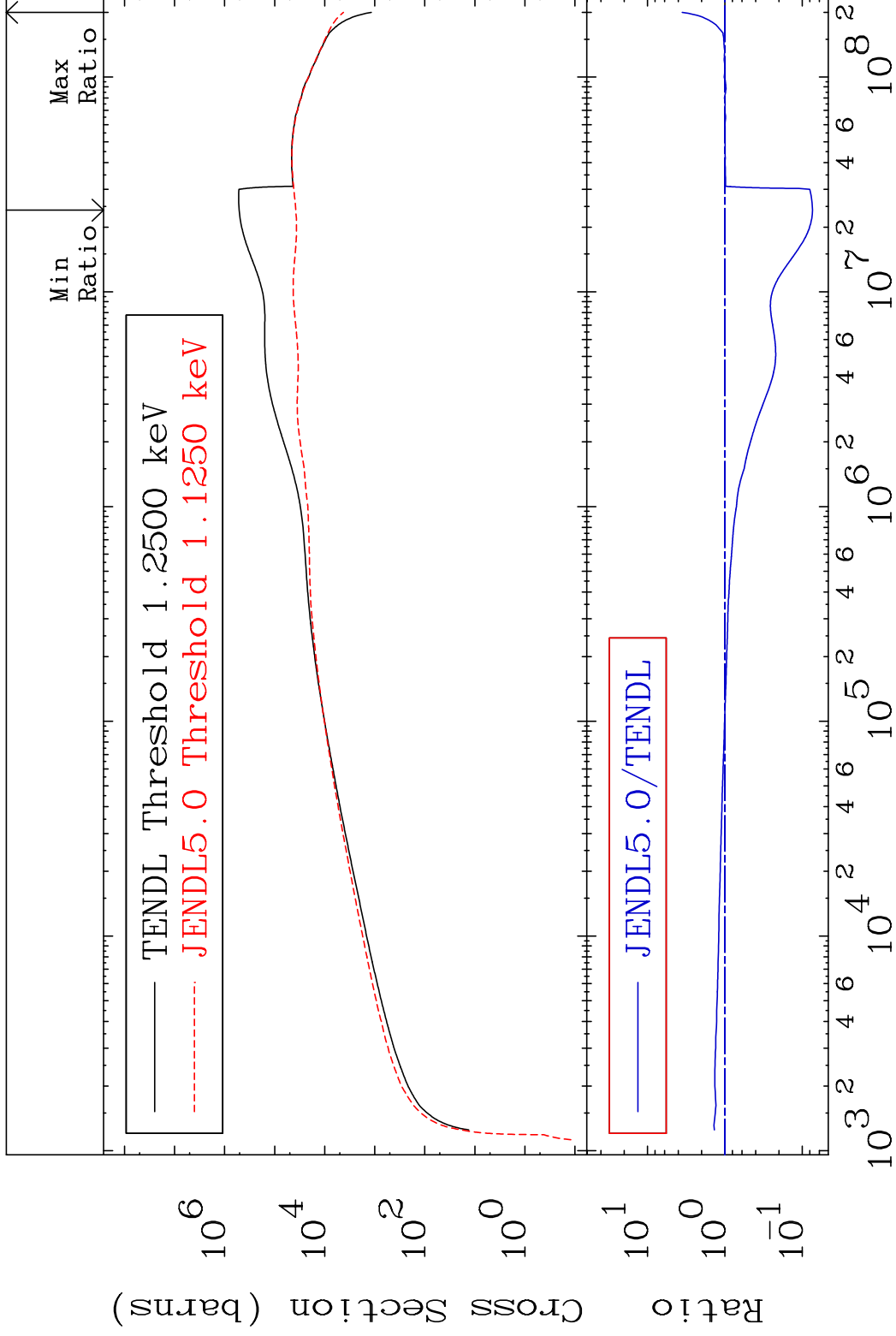
62 Incident Energy (eV) 78-Pt-193m

MAT 7835

Dpa elastic (mt2)

78-Pt-193m

Cross Section -92.62 To 256.4 %

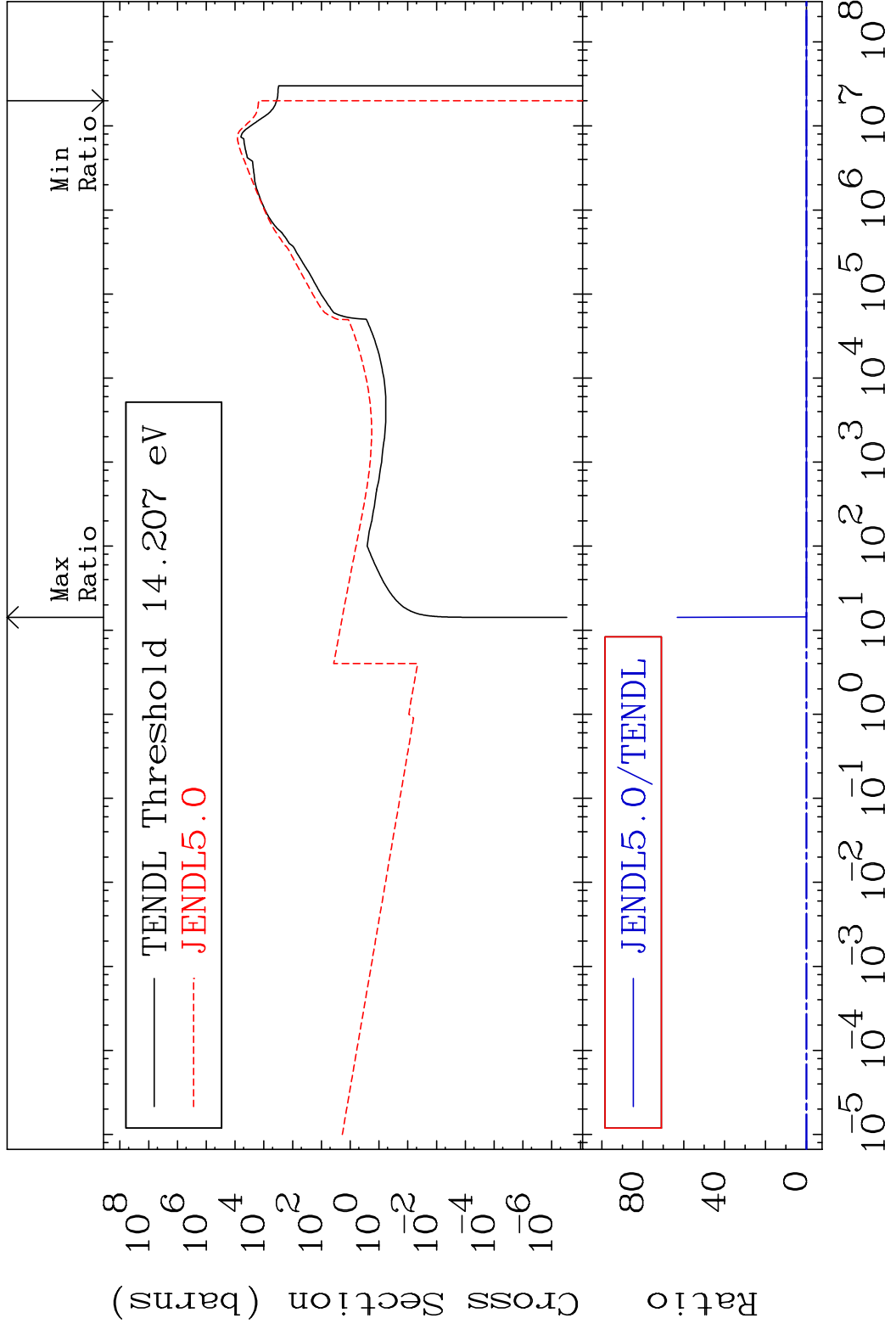


63

Incident Energy (eV)

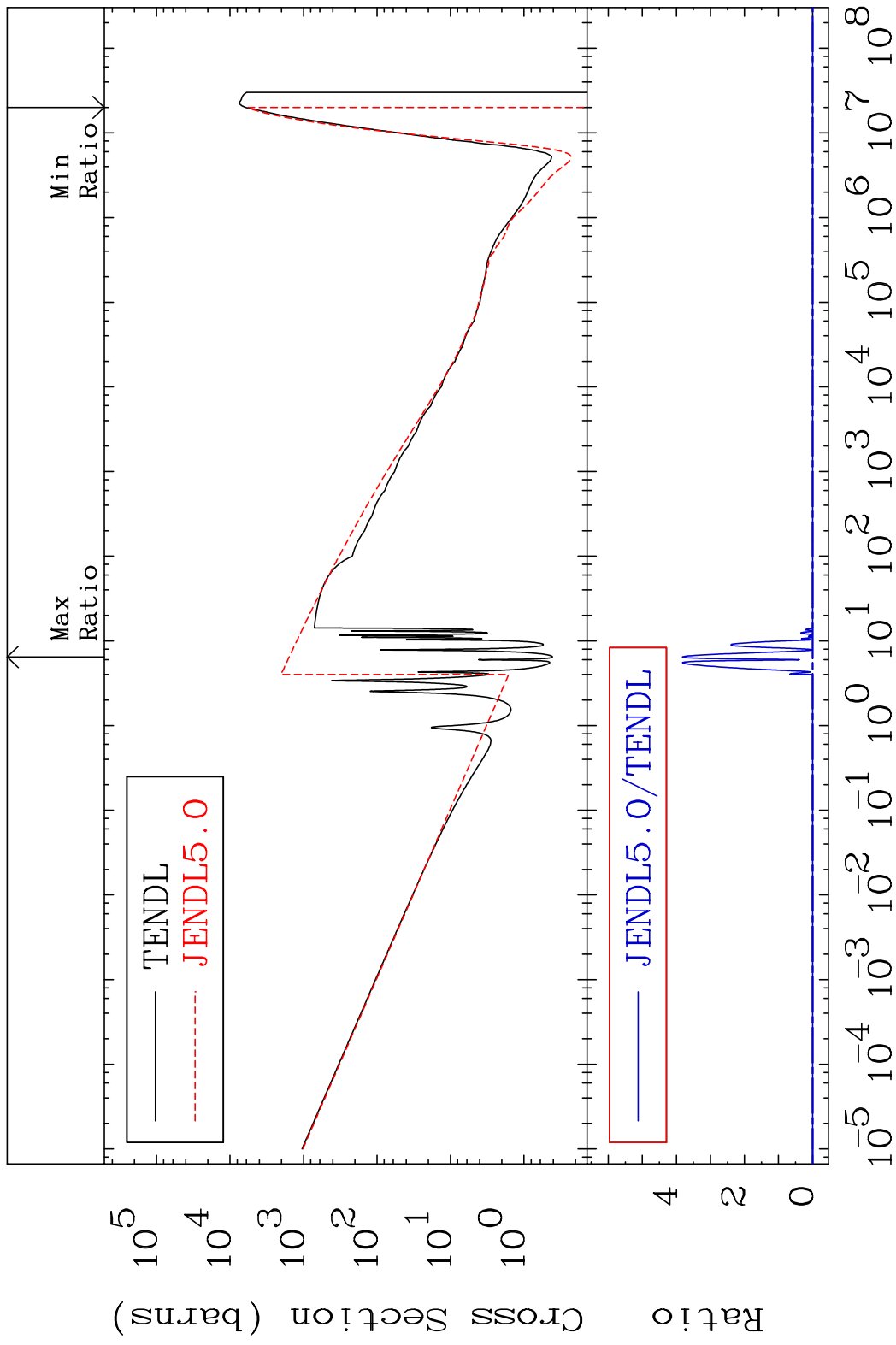
78-Pt-193m

MAT 7835 Dpa inelastic (mt51-91) 78-Pt-193m
 Cross Section -100.0 To 9999. %



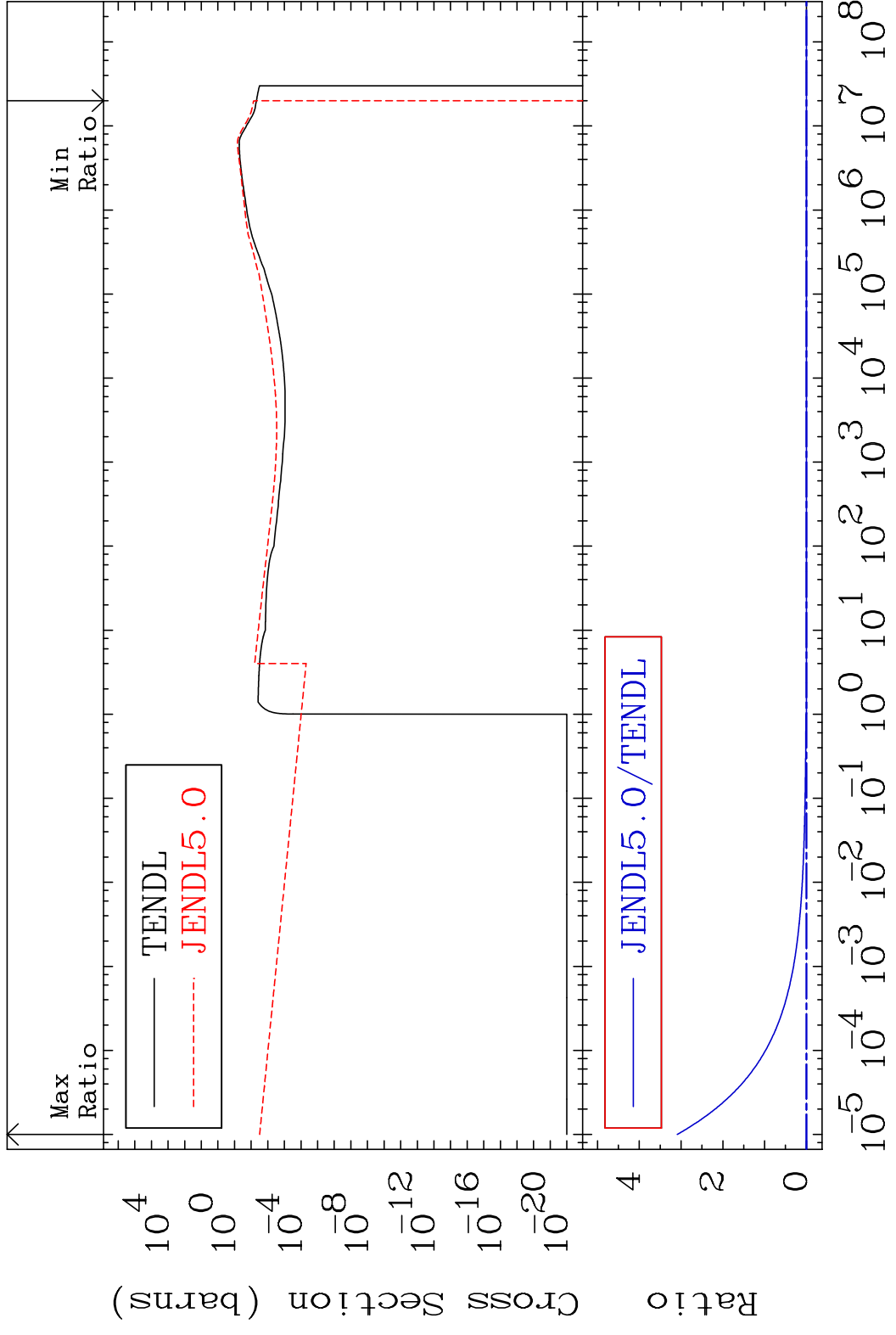
64 Incident Energy (eV) 78-Pt-193m

MAT 7835 Dpa disappearance (mt102 -120) 78-Pt-193m
 Cross Section -100.0 To 9999. %

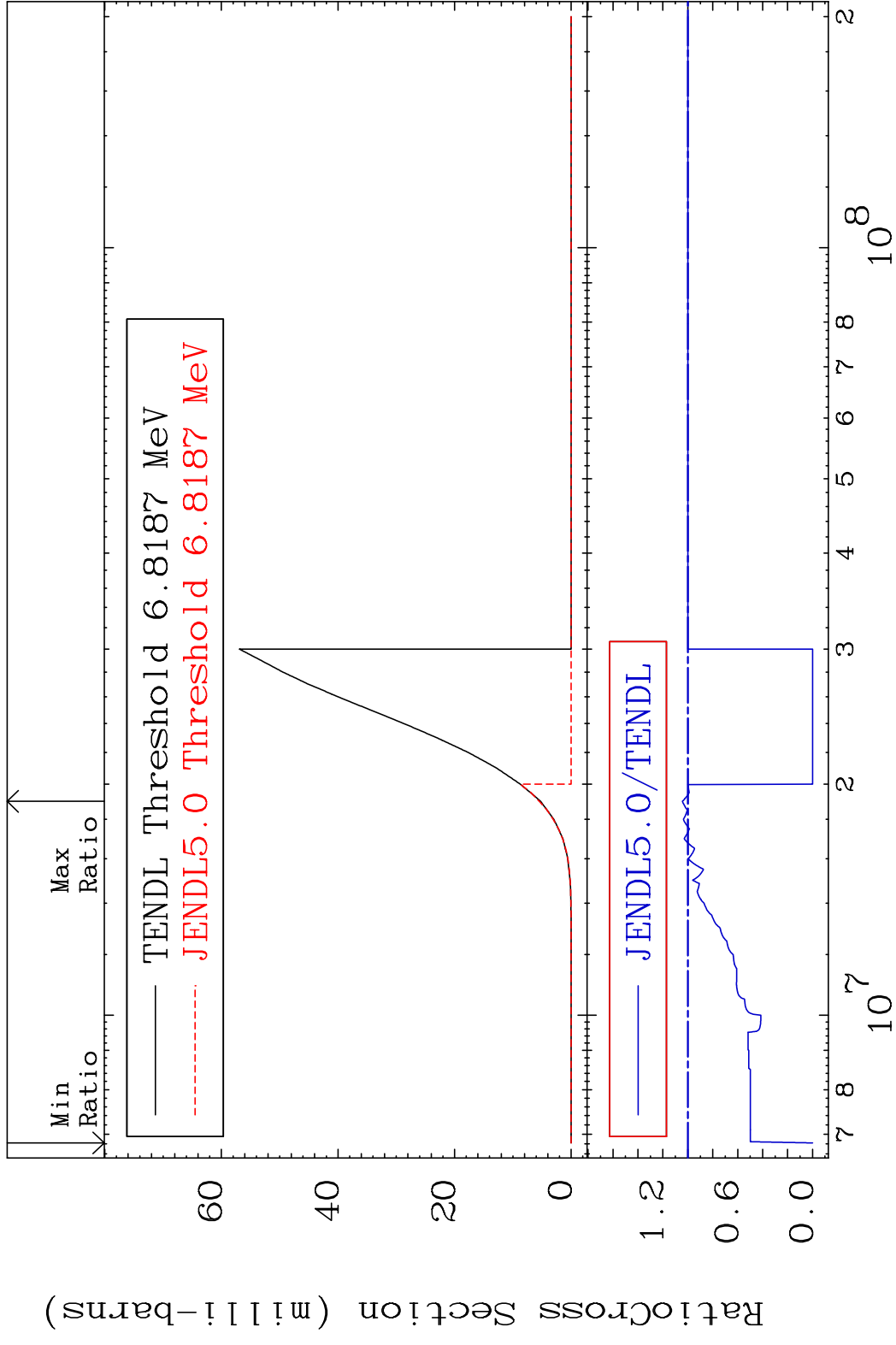


65 Incident Energy (eV) 78-Pt-193m

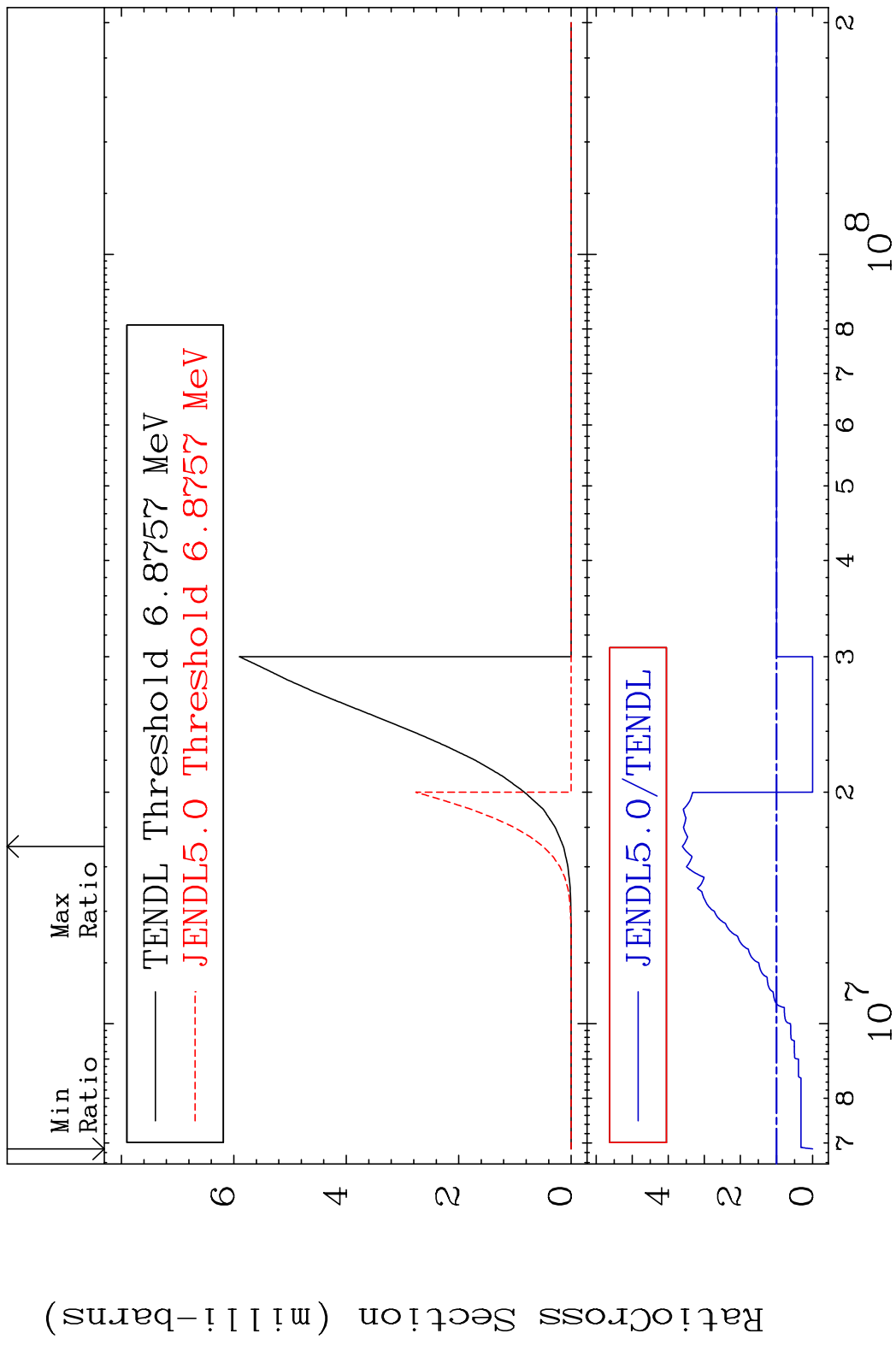
MAT 7835 Inelastic:78-Pt-193g 78-Pt-193m
 Radionuclide Production Cross Section Ratio 9999. %



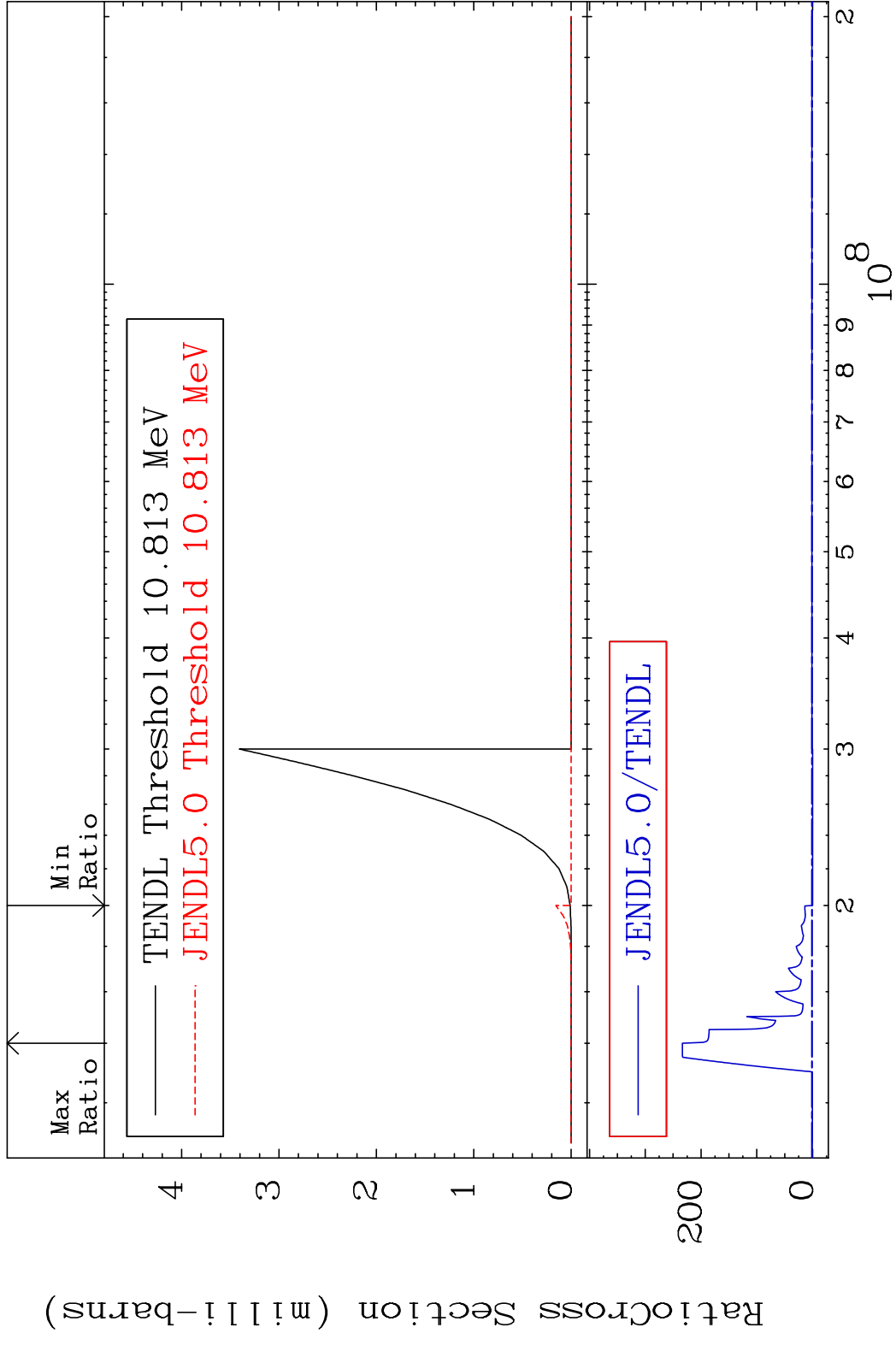
MAT 7835 (n, n') p:77-Ir-192g 78-Pt-193m
 Radionuclide Production Cross Section Ratio 4.384 %



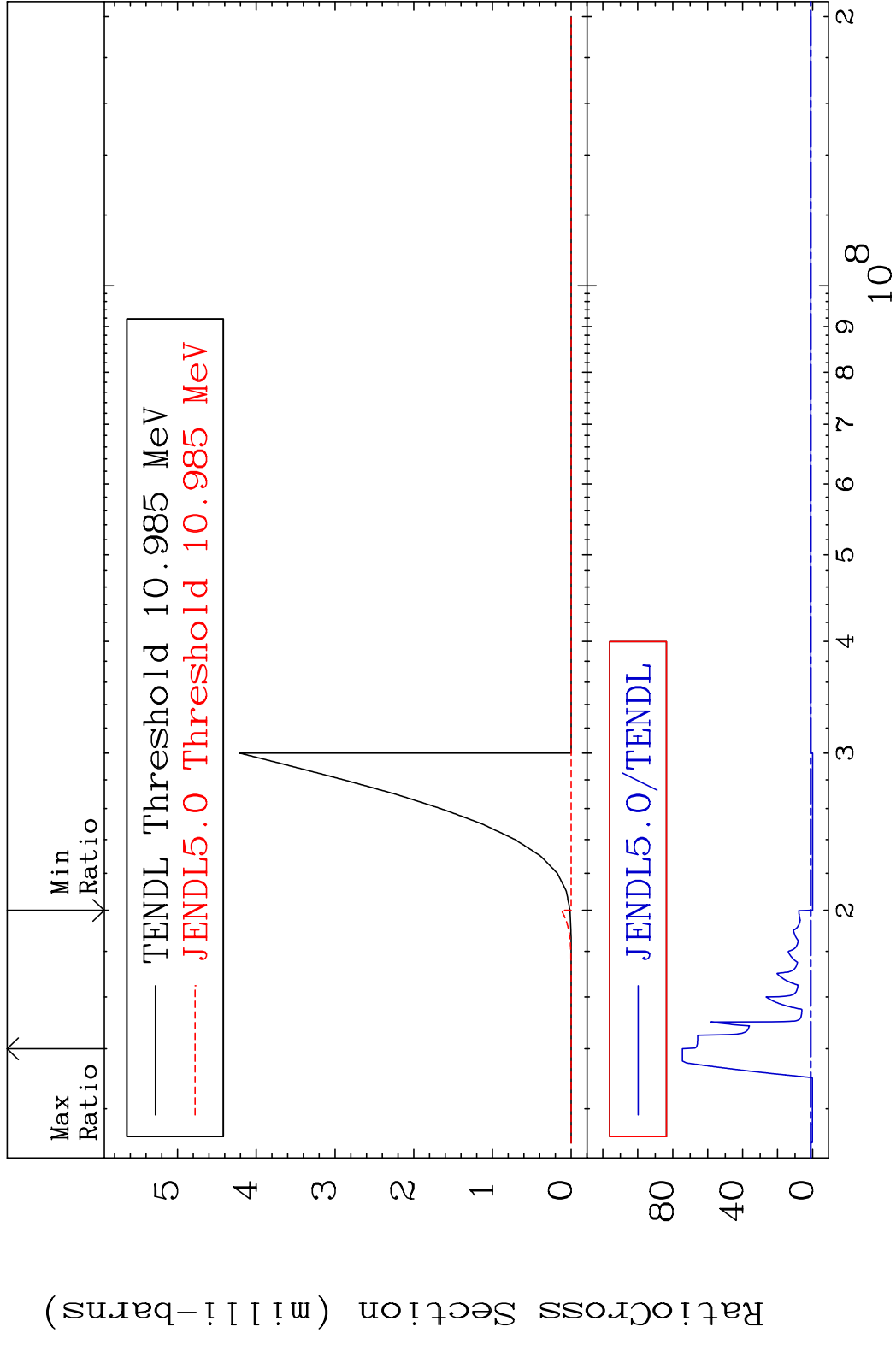
MAT 7835 (n, n') p:77-Ir-192m3 78-Pt-193m
 Radionuclide Production Cross Section to 260.9 %



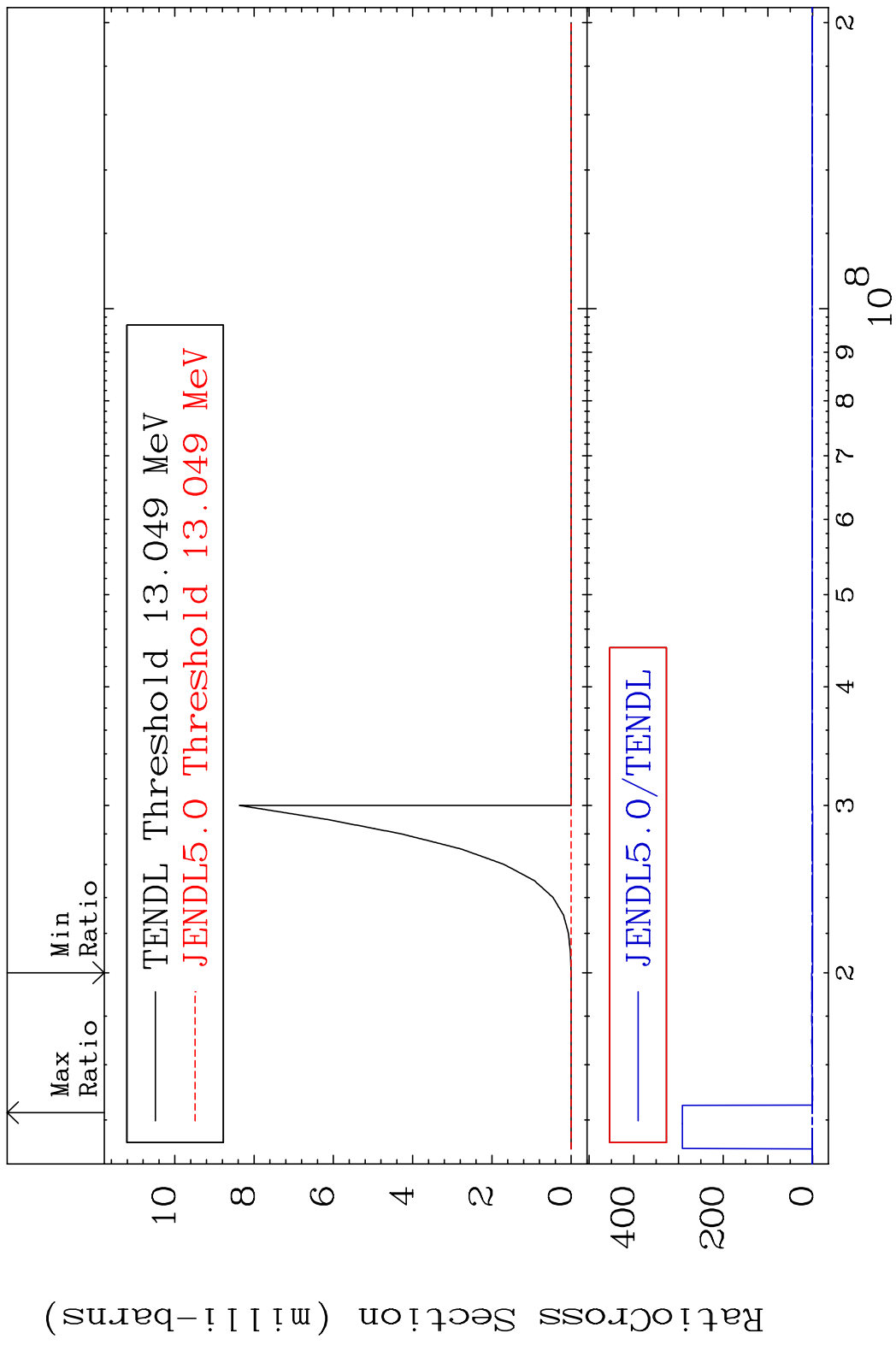
MAT 7835 (n, n') d:77-Ir-191g 78-Pt-193m
 Radionuclide Production Cross Section 100.00 to 9999.00 %

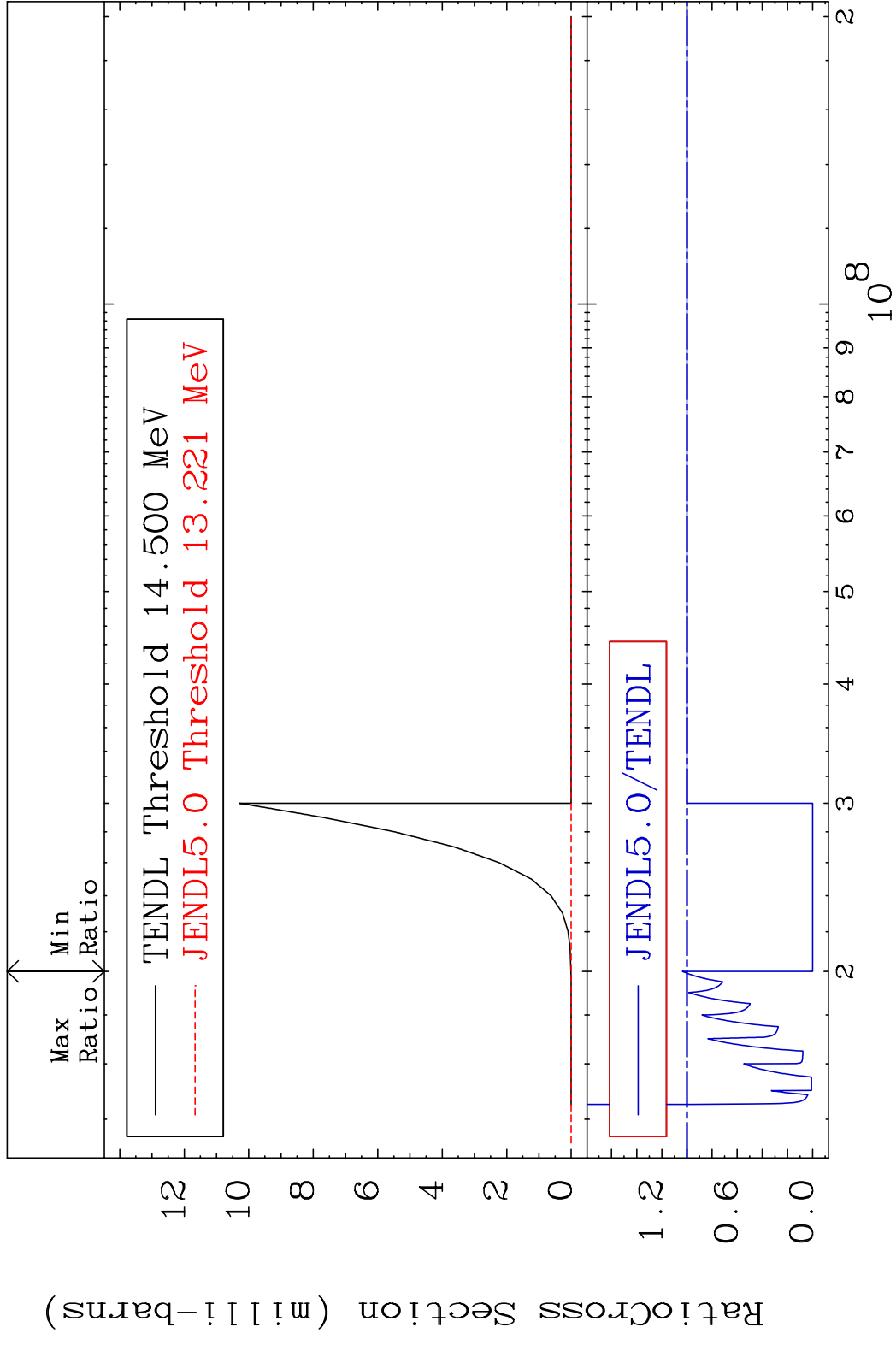


MAT 7835 (n, n') d:77-Ir-191m3 78-Pt-193m
 Radionuclide Production Cross Section 180.01 dth 7349. %

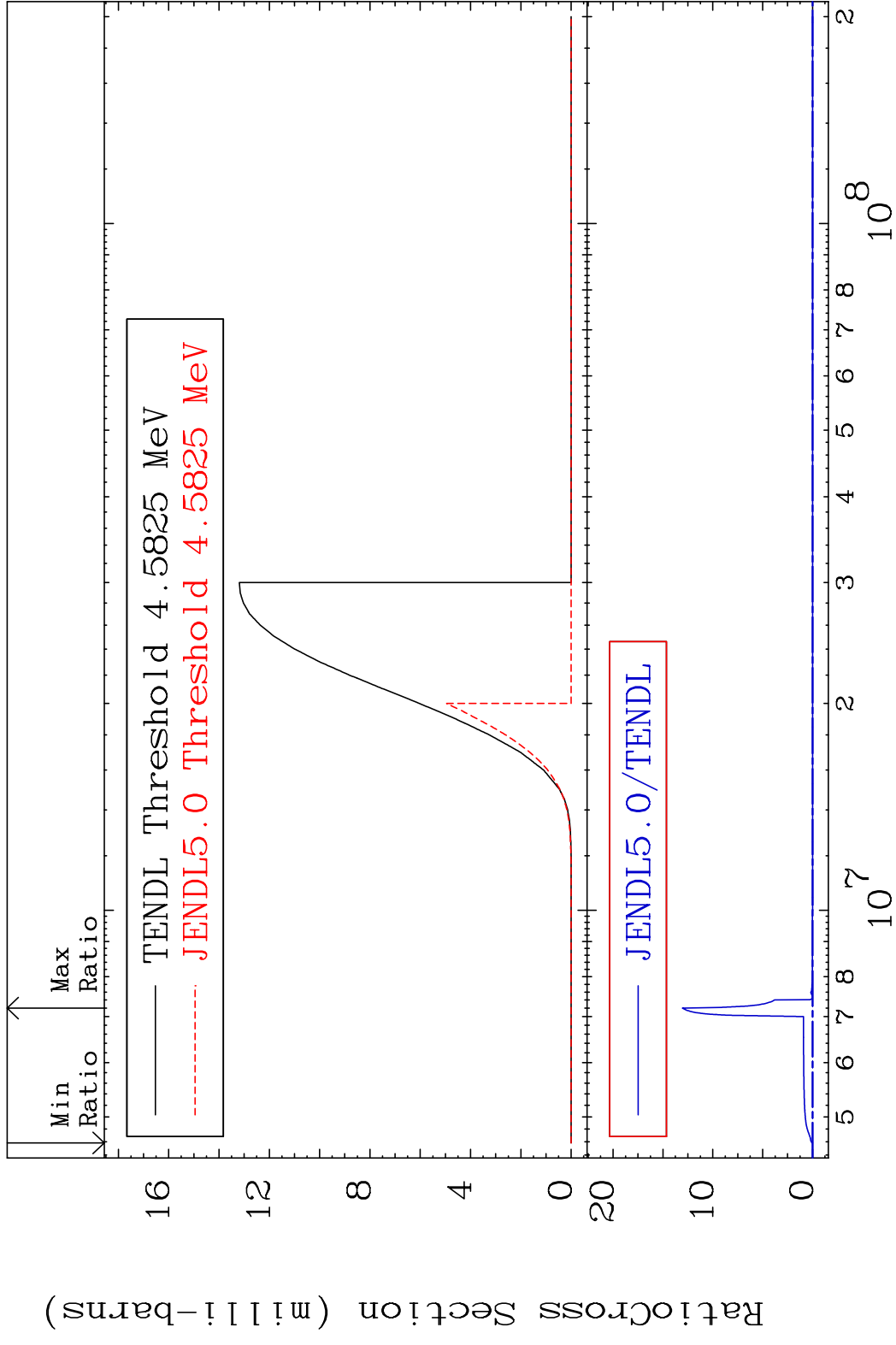


70 Incident Energy (eV) 78-Pt-193m



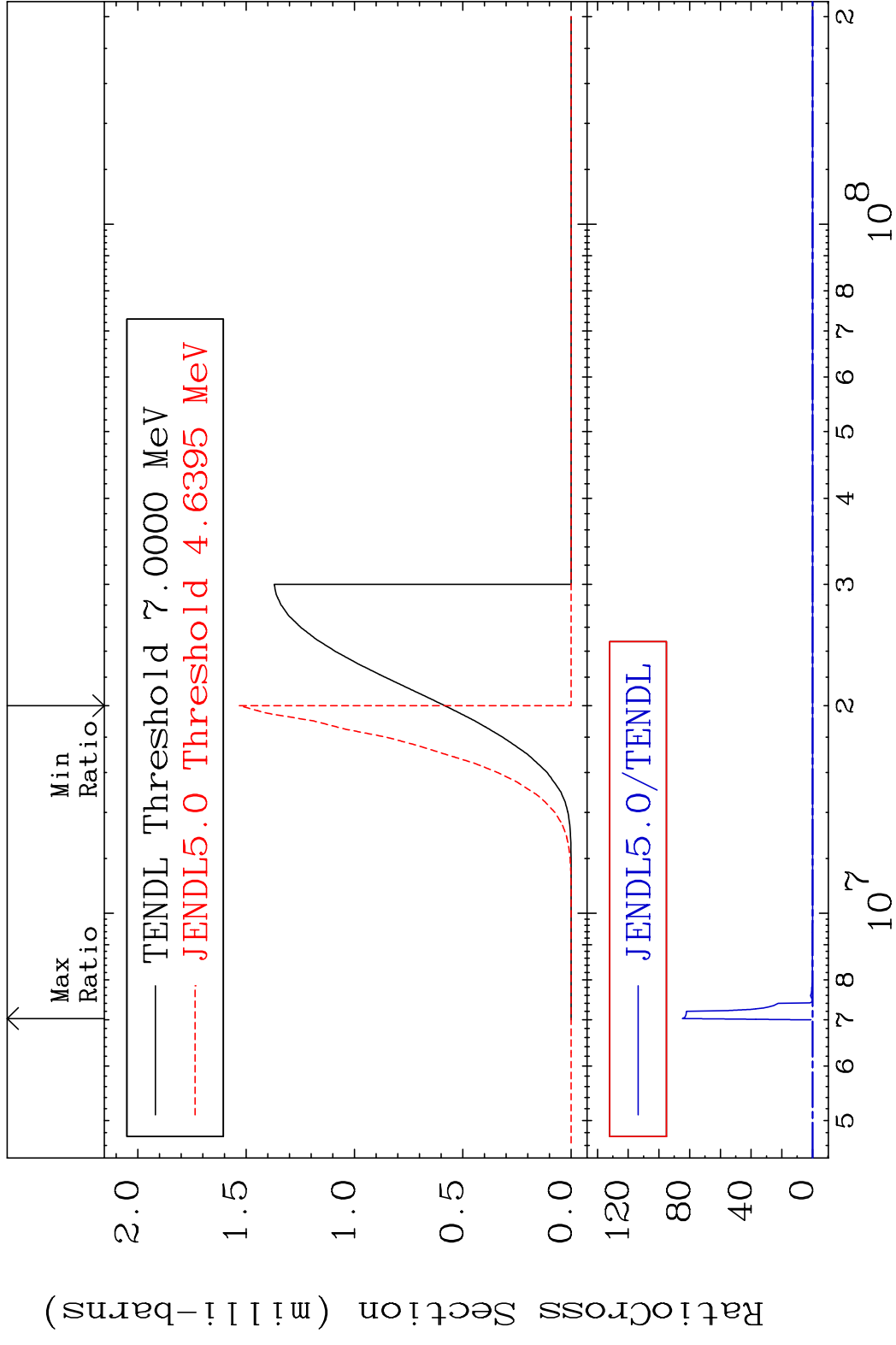


MAT 7835 (n,d):77-Ir-192g 78-Pt-193m
 Radionuclide Production Cross Section 100.00 %
 100.00 %

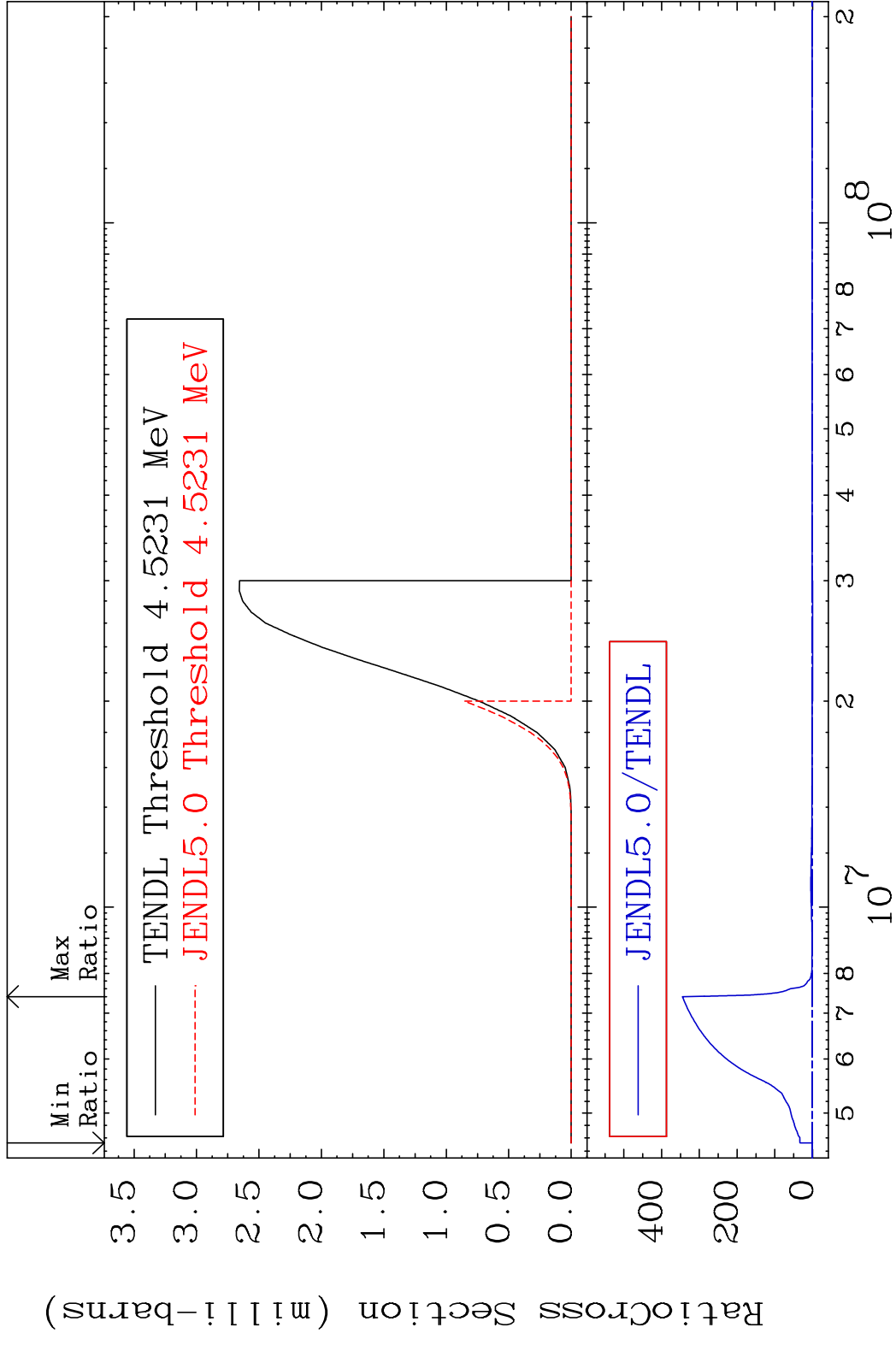


73 Incident Energy (eV) 78-Pt-193m

MAT 7835 (n, d): 77-Ir-192m3 78-Pt-193m
 Radionuclide Production Cross Section to 9999. %

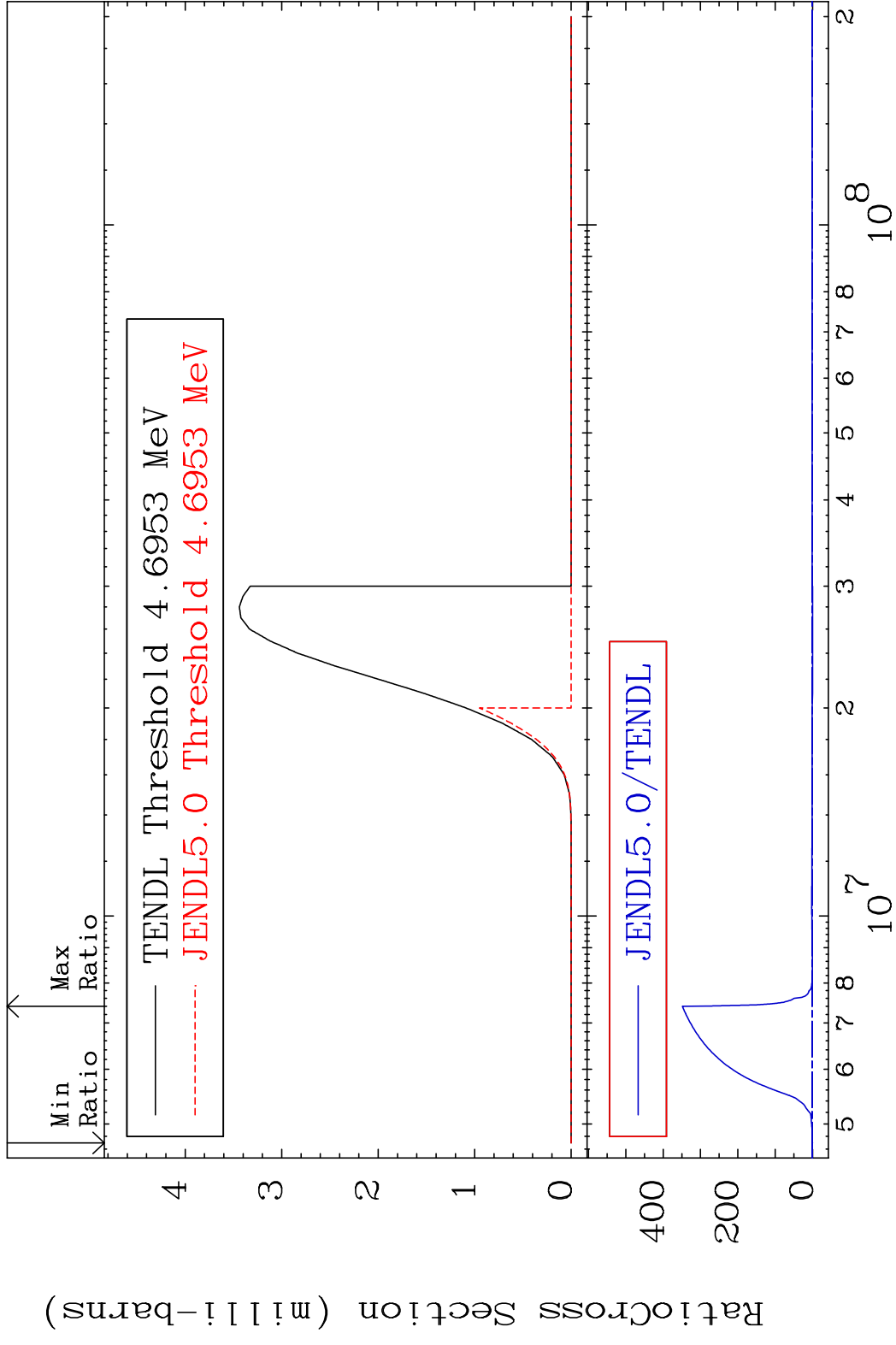


MAT 7835 (n,t):77-Ir-191g 78-Pt-193m
 Radionuclide Production Cross Section 10000 to 9999. %



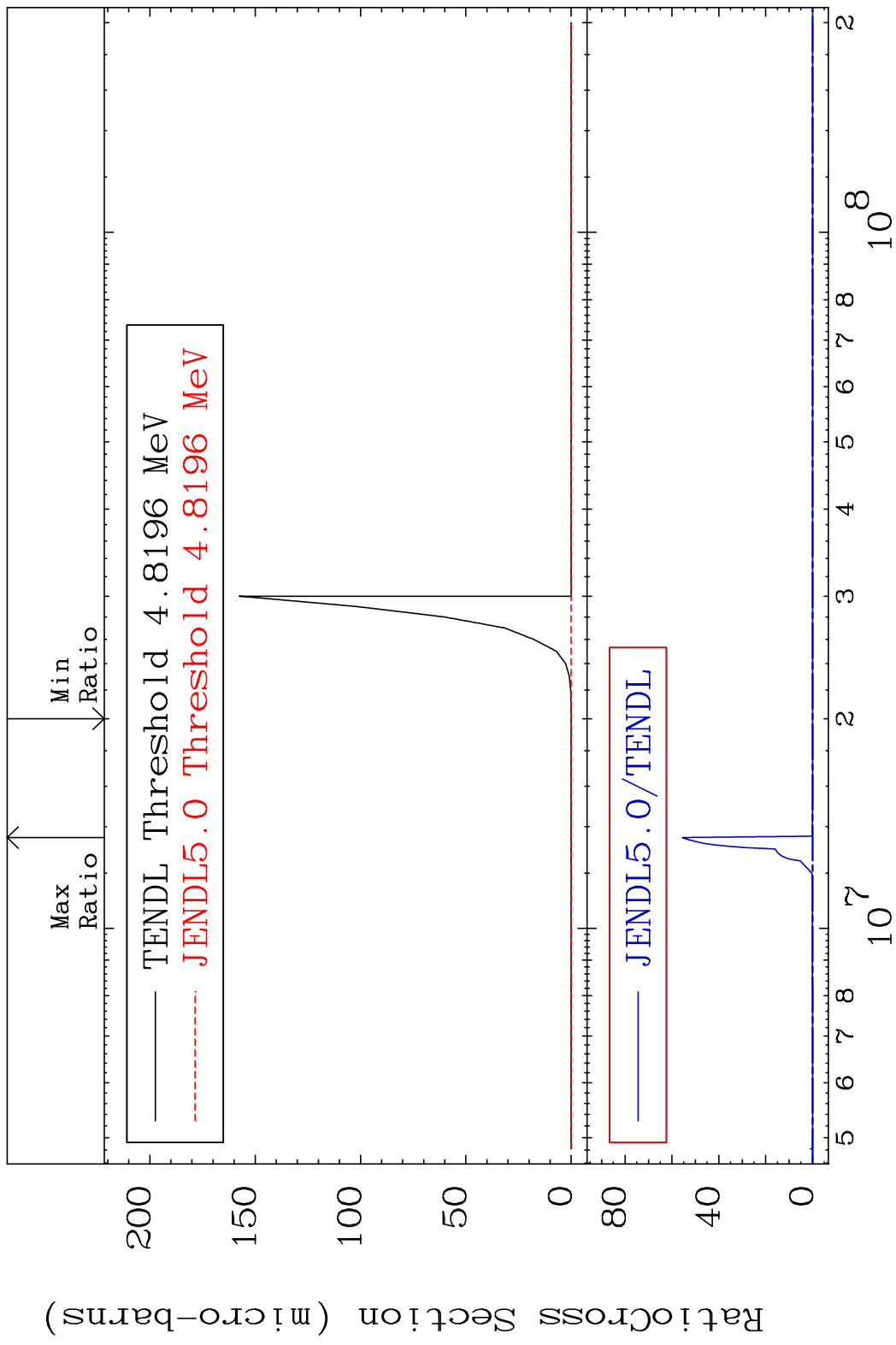
75 Incident Energy (eV) 78-Pt-193m

MAT 7835 (n, t): 77-Ir-191m3 78-Pt-193m
 Radionuclide Production Cross Section Ratio 9999. %

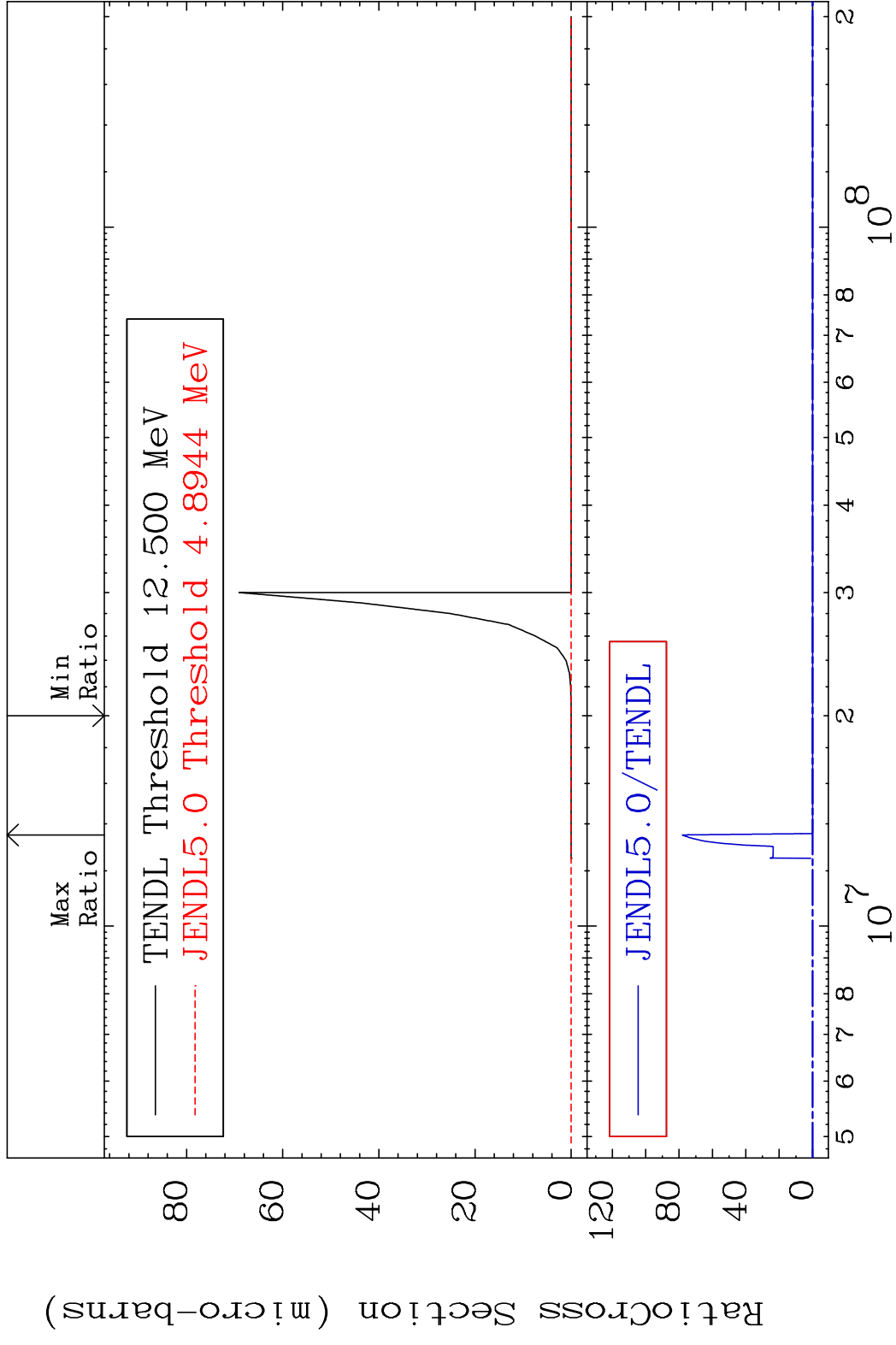


76 Incident Energy (eV) 78-Pt-193m

MAT 7835 (n, He-3): 76-Os-191g 78-Pt-193m
 Radionuclide Production Cross Section Ratio 9999. %



MAT 7835 (n, He-3) : 76-Os-191m1 78-Pt-193m
 Radionuclide Production Cross Section Ratio 9999. %



78 Incident Energy (eV) 78-Pt-193m