

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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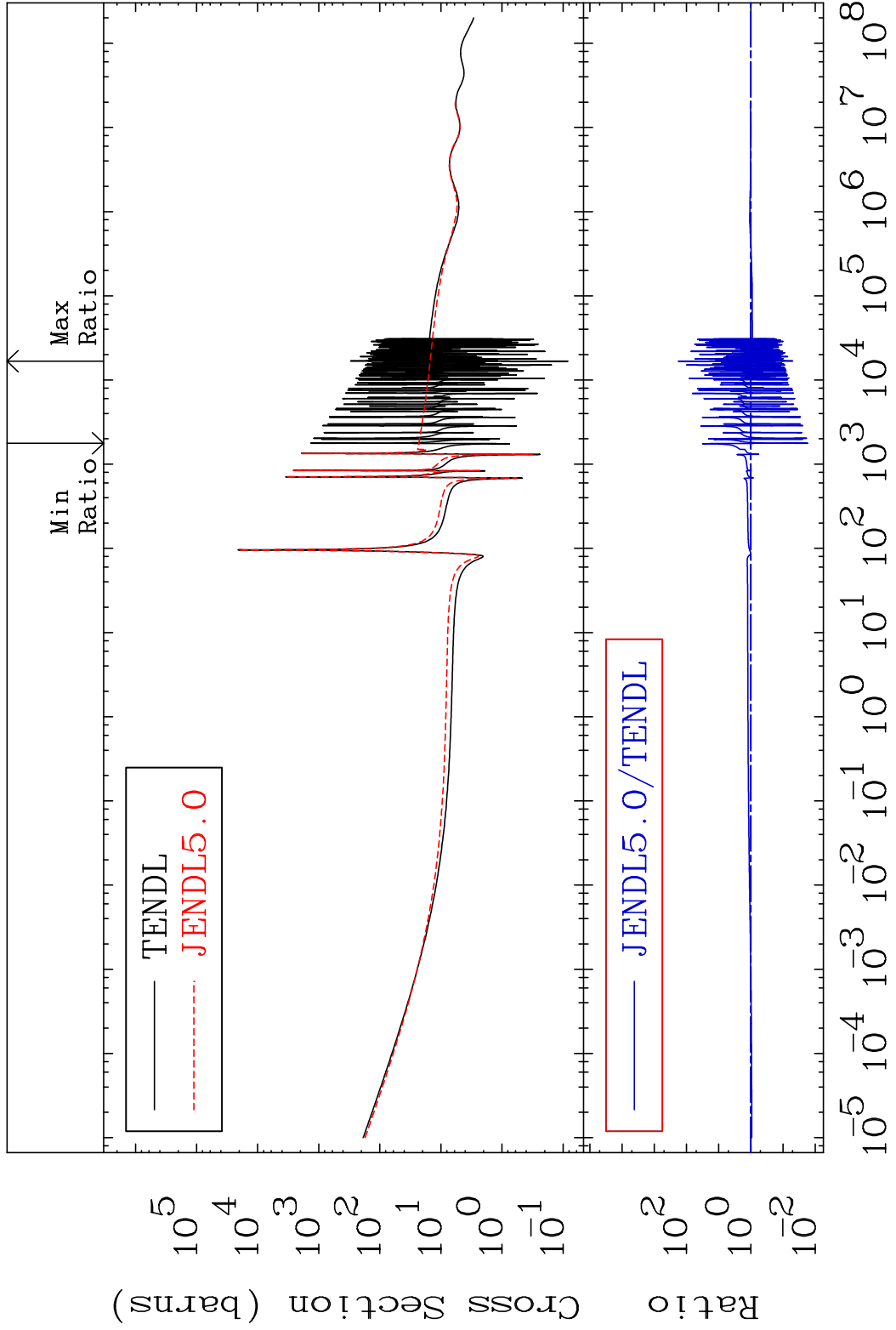
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7849 Total 78-Pt-198
 Cross Section -98.30 To 9999. %



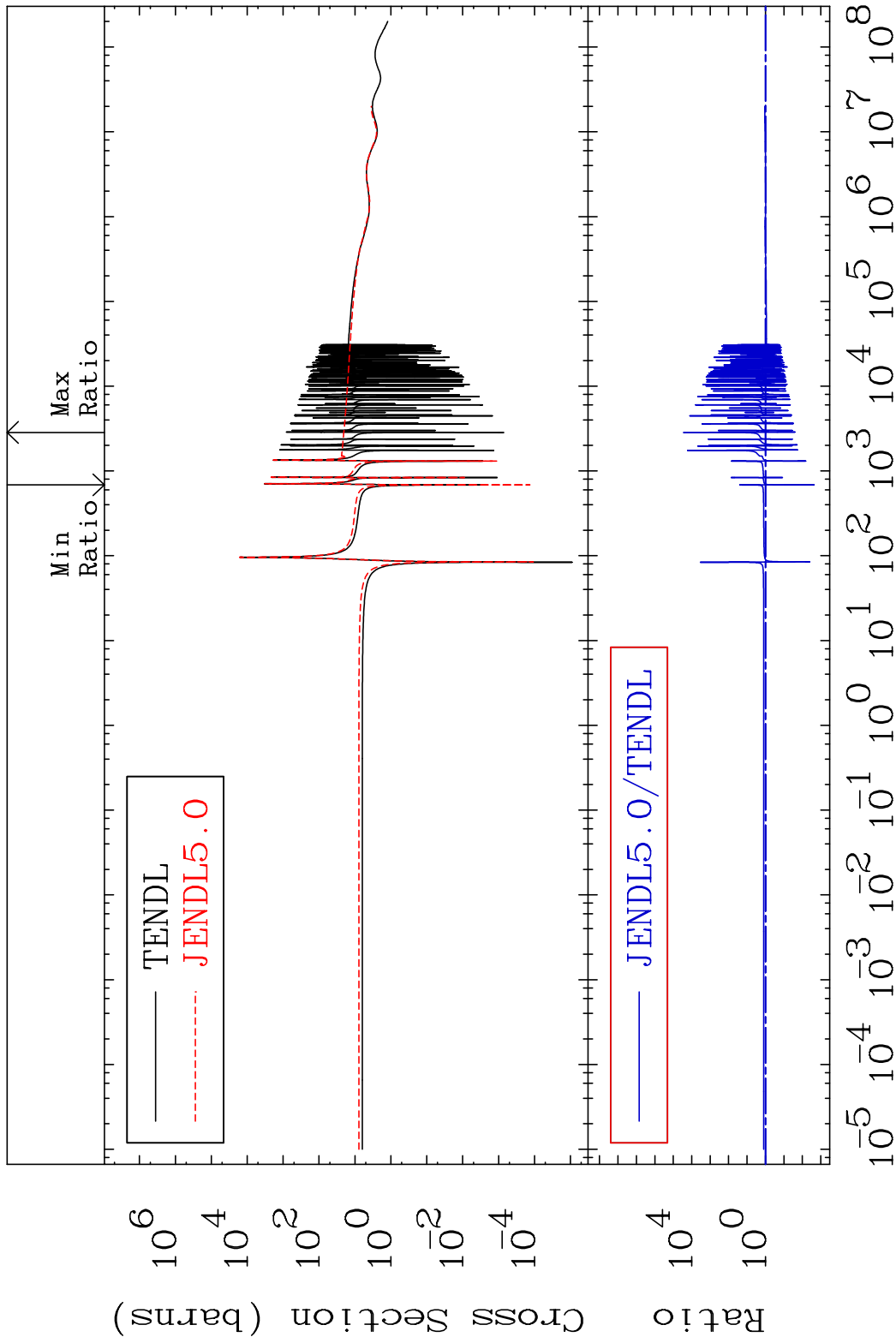
1 Incident Energy (eV) 78-Pt-198

MAT 7849

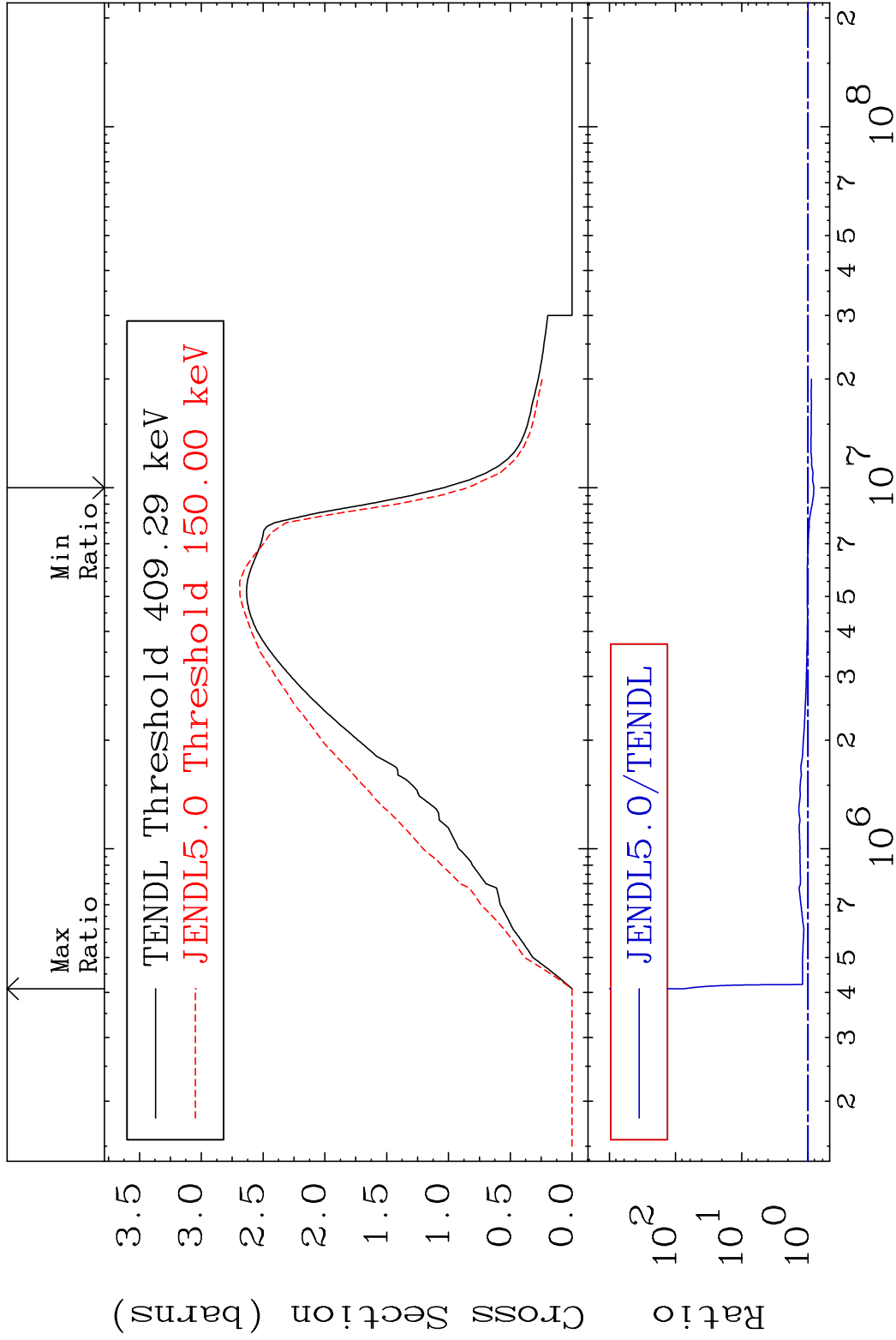
Elastic

78-Pt-198

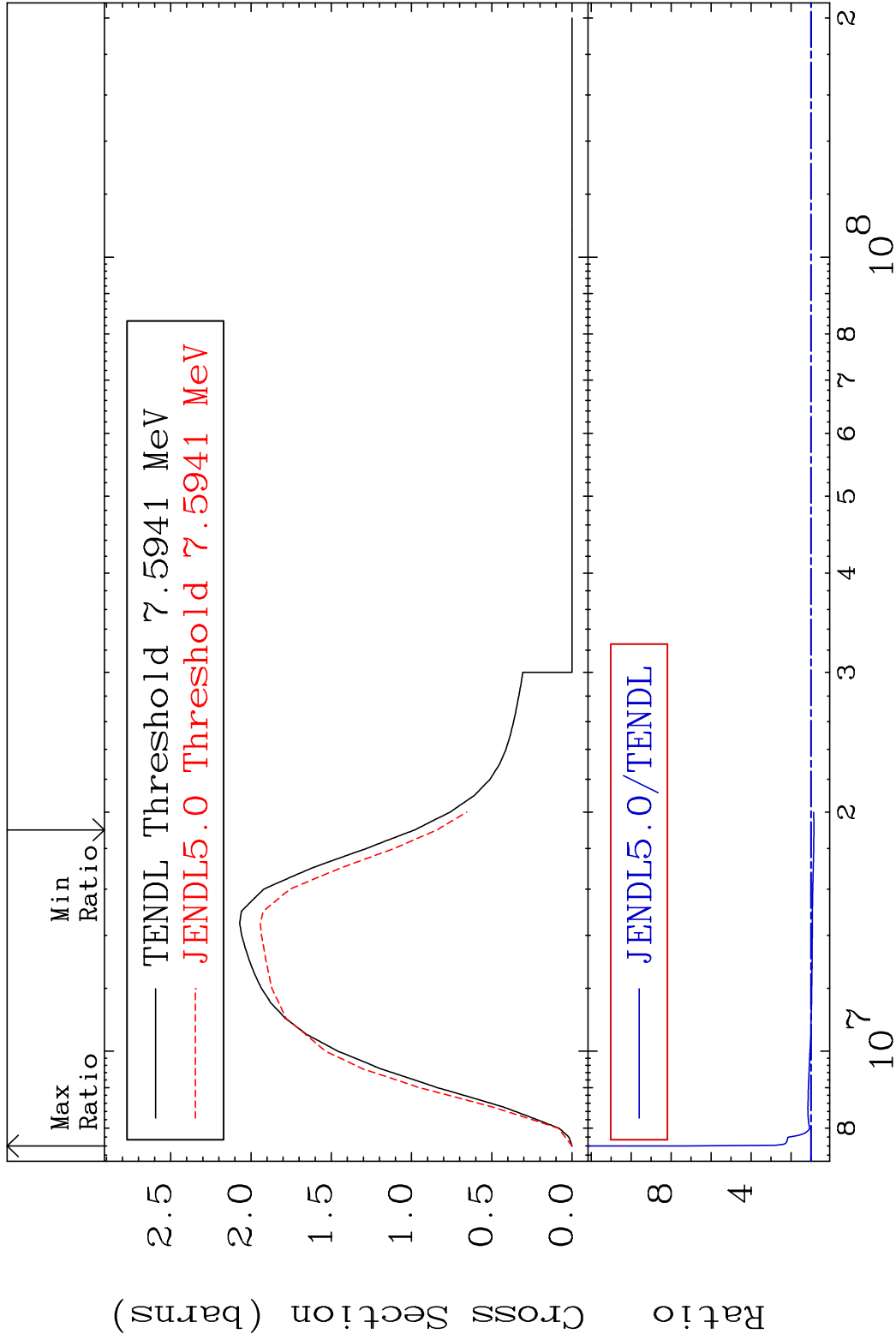
Cross Section -99.76 To 9999. %



MAT 7849 Inelastic Cross Section -18.82 To 7493. % 78-Pt-198



MAT 7849 (n,2n) 78-Pt-198
Cross Section -14.22 To 638.3 %



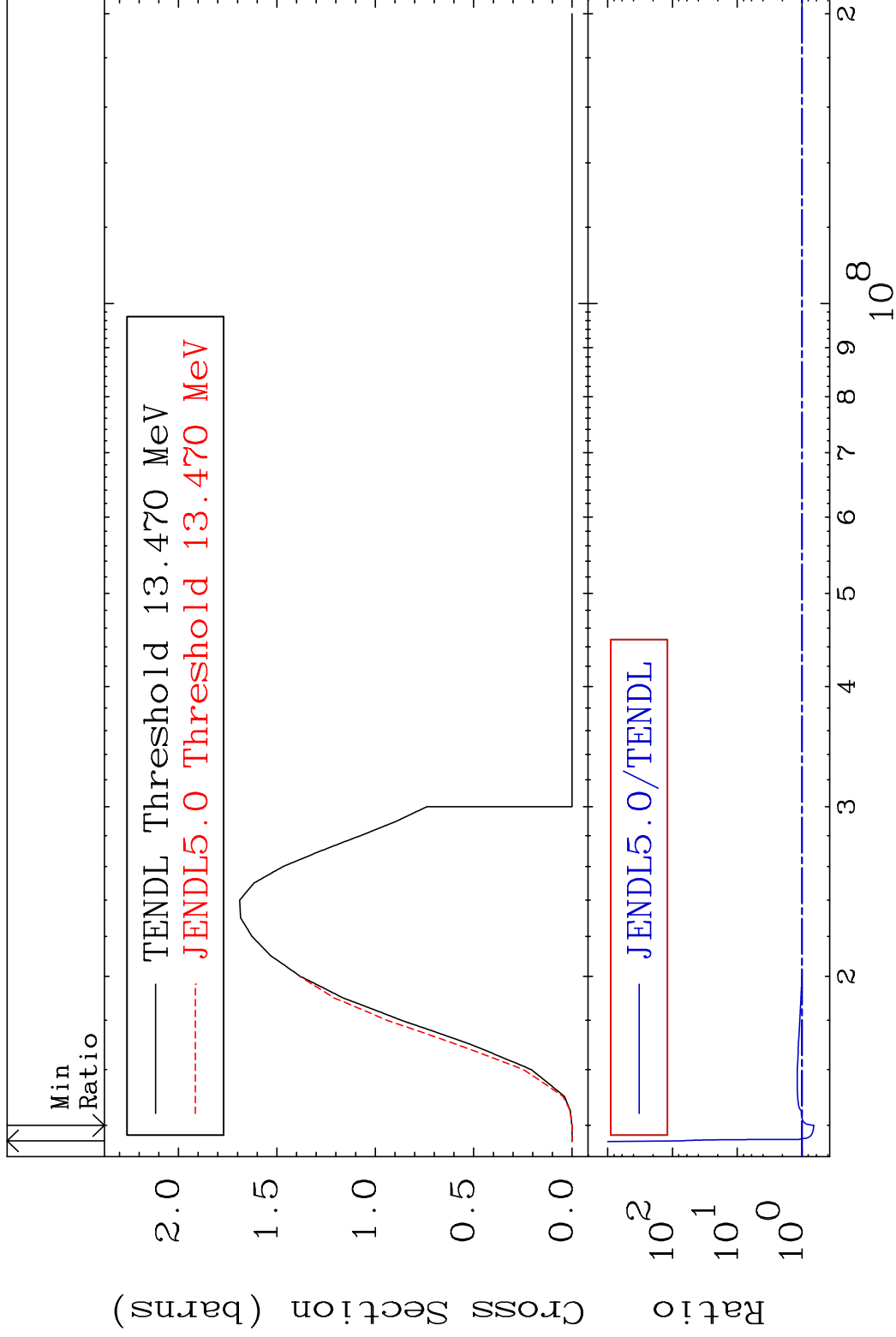
4 Incident Energy (eV) 78-Pt-198

MAT 7849

(n,3n)

78-Pt-198

Cross Section -34.46 To 6674. %



5

Incident Energy (eV)

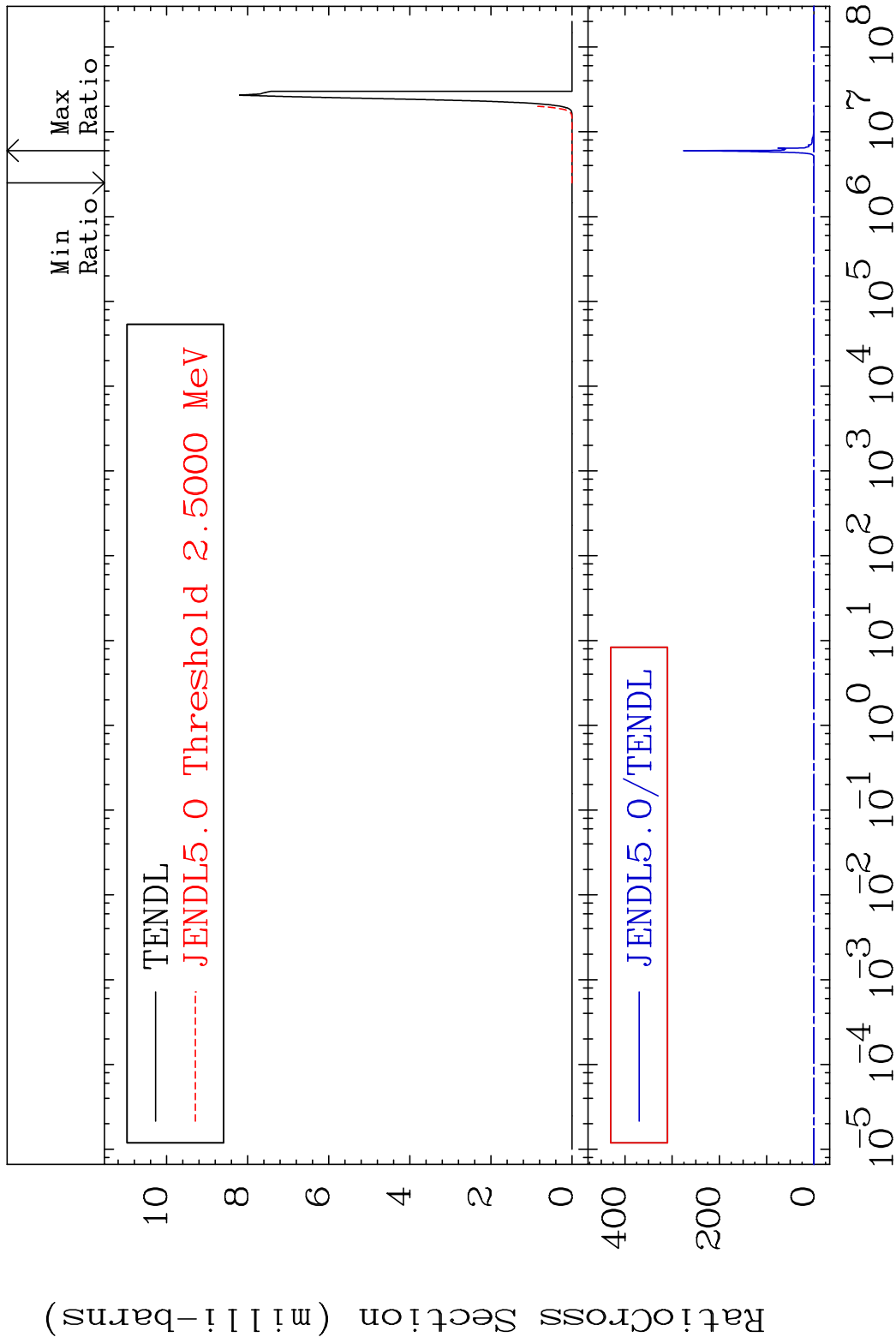
78-Pt-198

MAT 7849

(n, n') α

78-Pt-198

Cross Section -100.0 To 9999. %

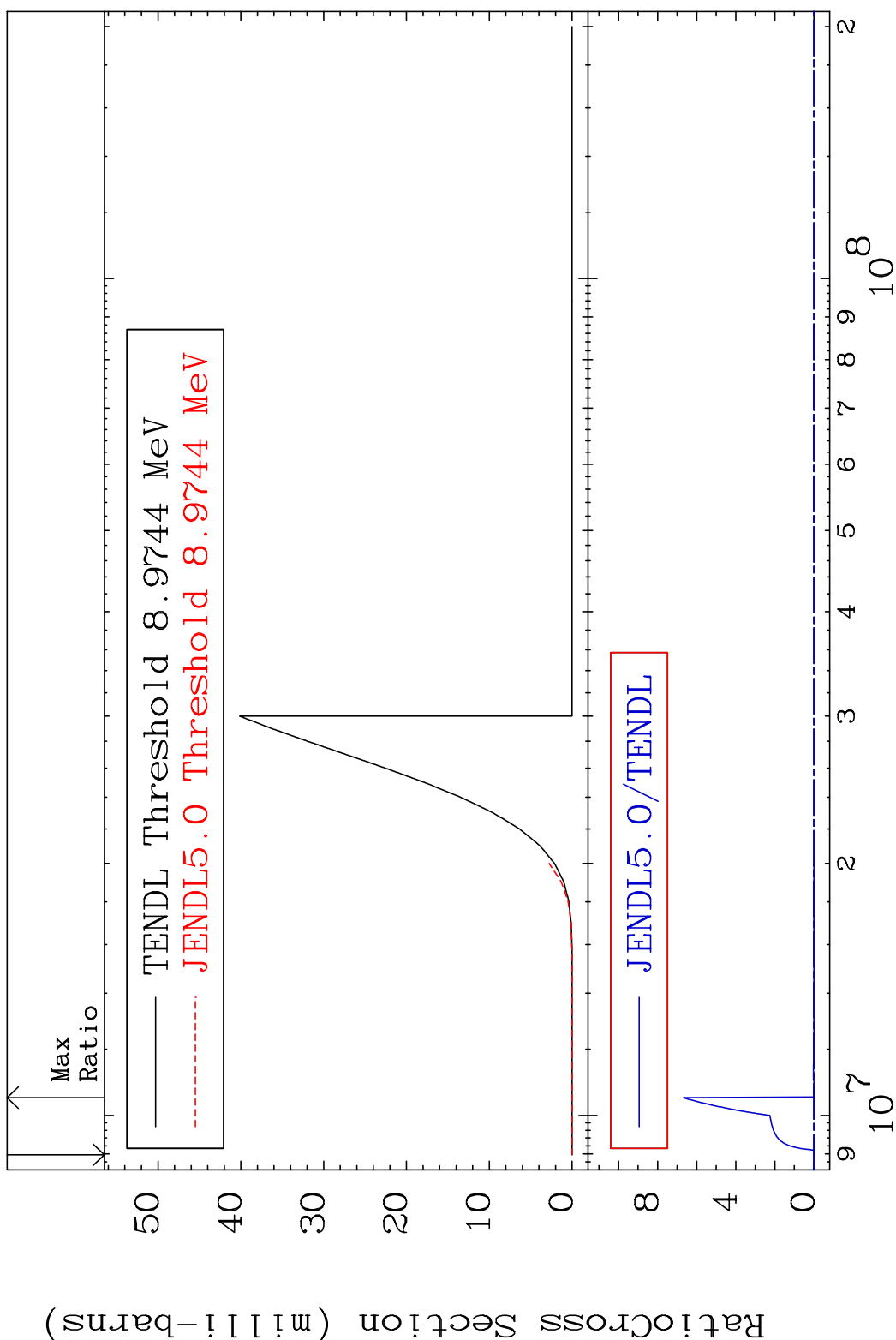


6

Incident Energy (eV)

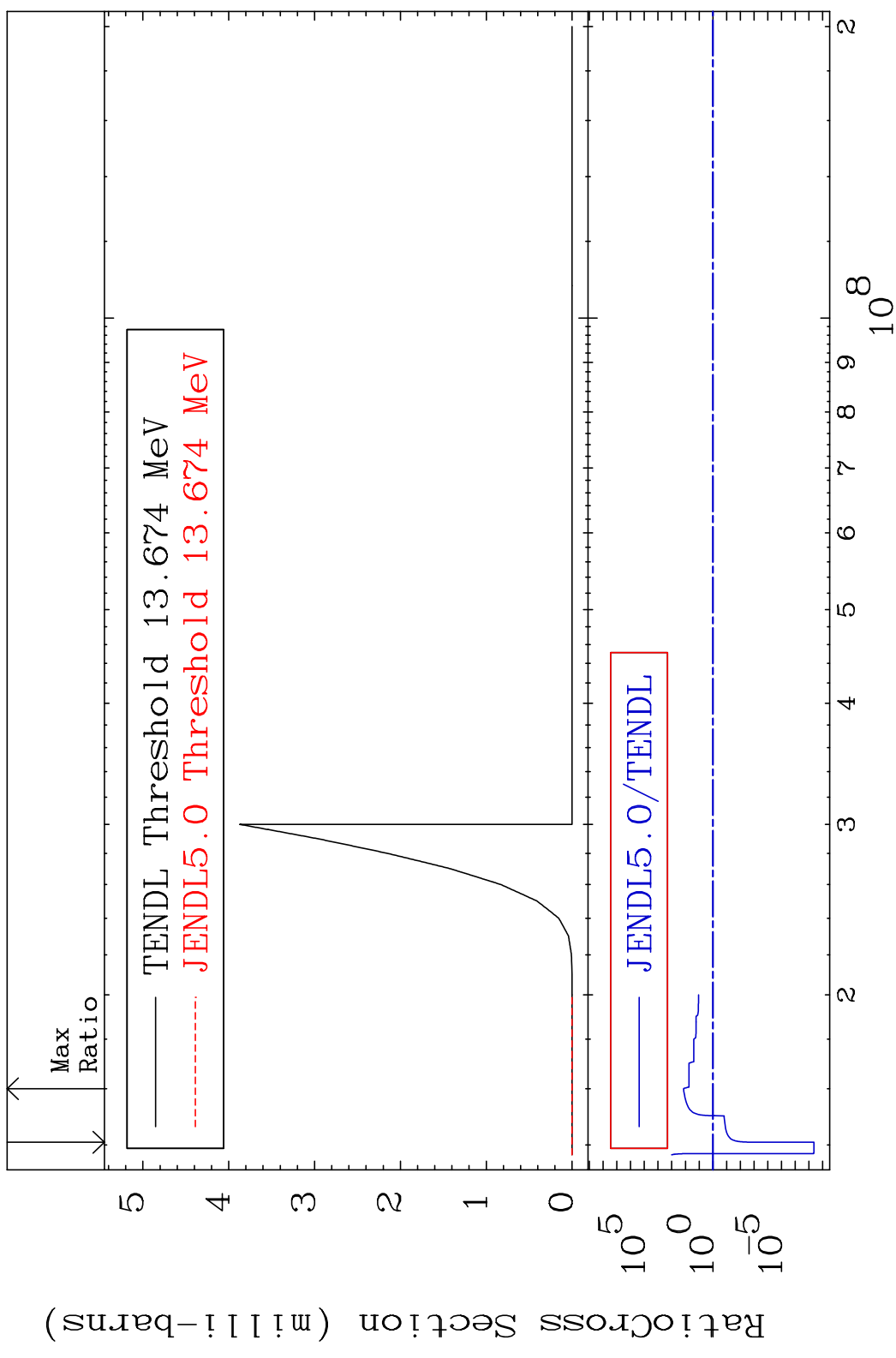
78-Pt-198

MAT 7849 (n, n') p 78-Pt-198
 Cross Section -100.0 To 9999. %

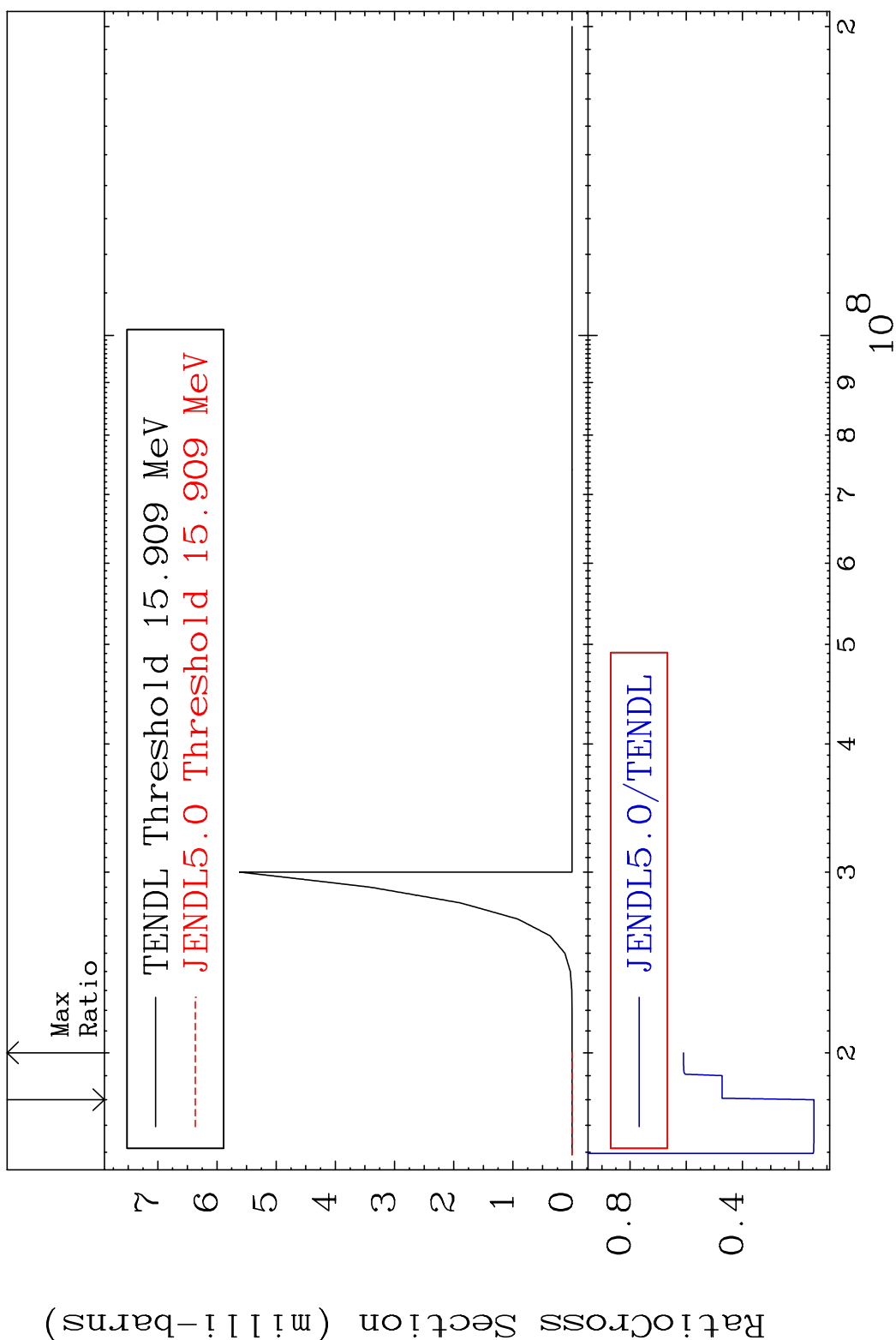


7 78-Pt-198

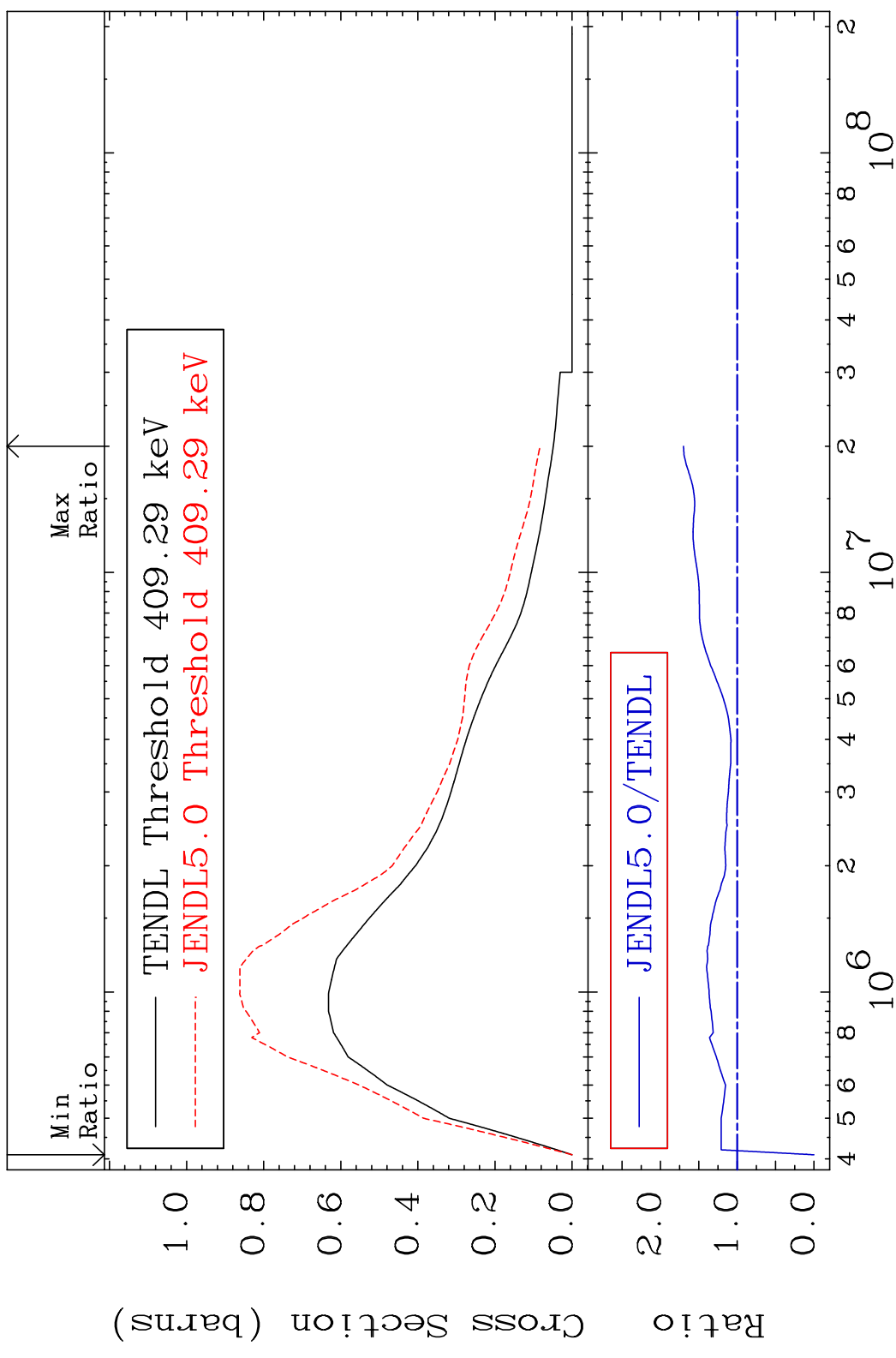
MAT 7849 (n, n') d 78-Pt-198
 Cross Section -100.0 To 9999. %



MAT 7849 (n,2n) p 78-Pt-198
 Cross Section -85.37 To -39.01%

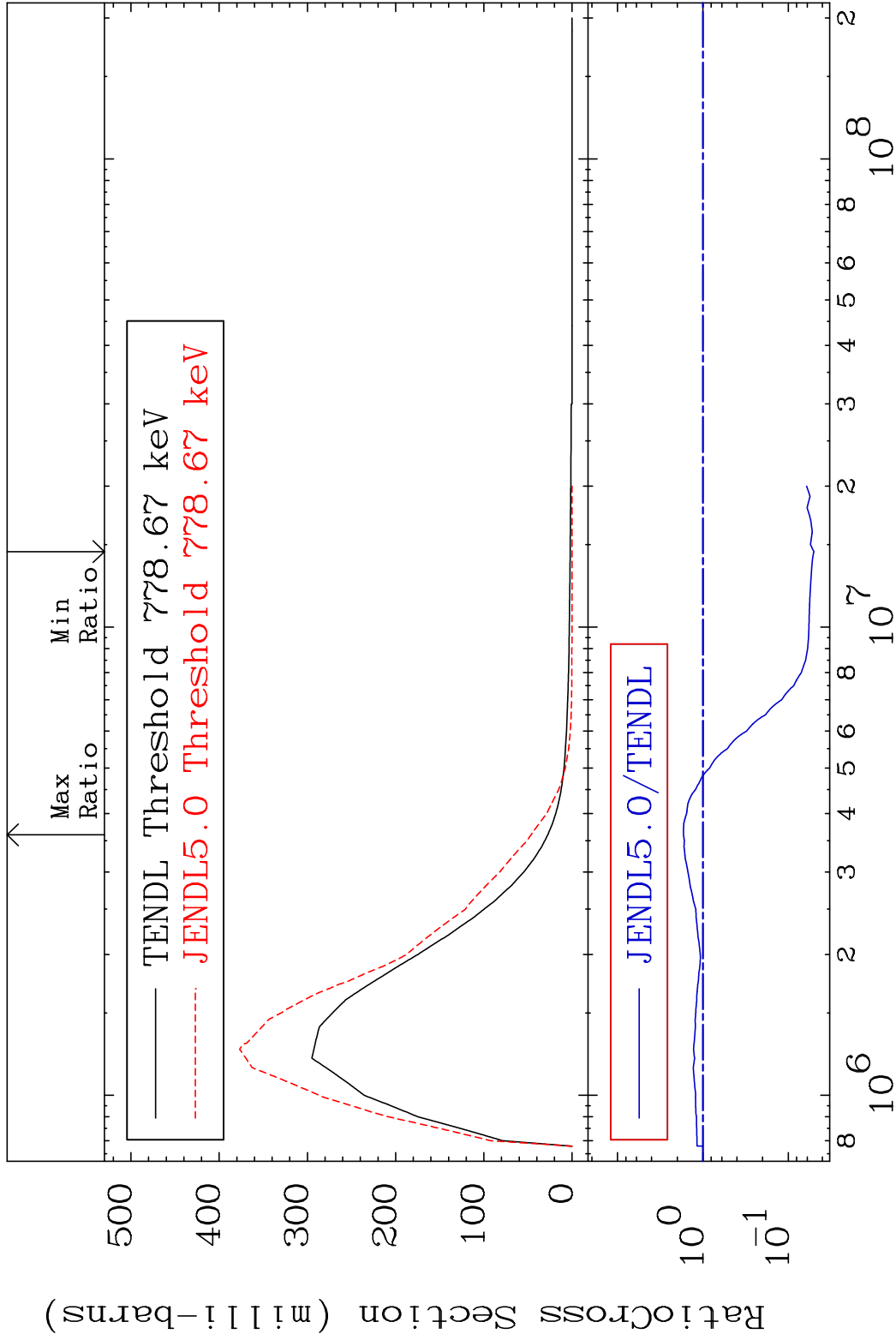


MAT 7849 MT= 51 (n, n') Level 78-Pt-198
 Cross Section -100.0 To 69.93 %



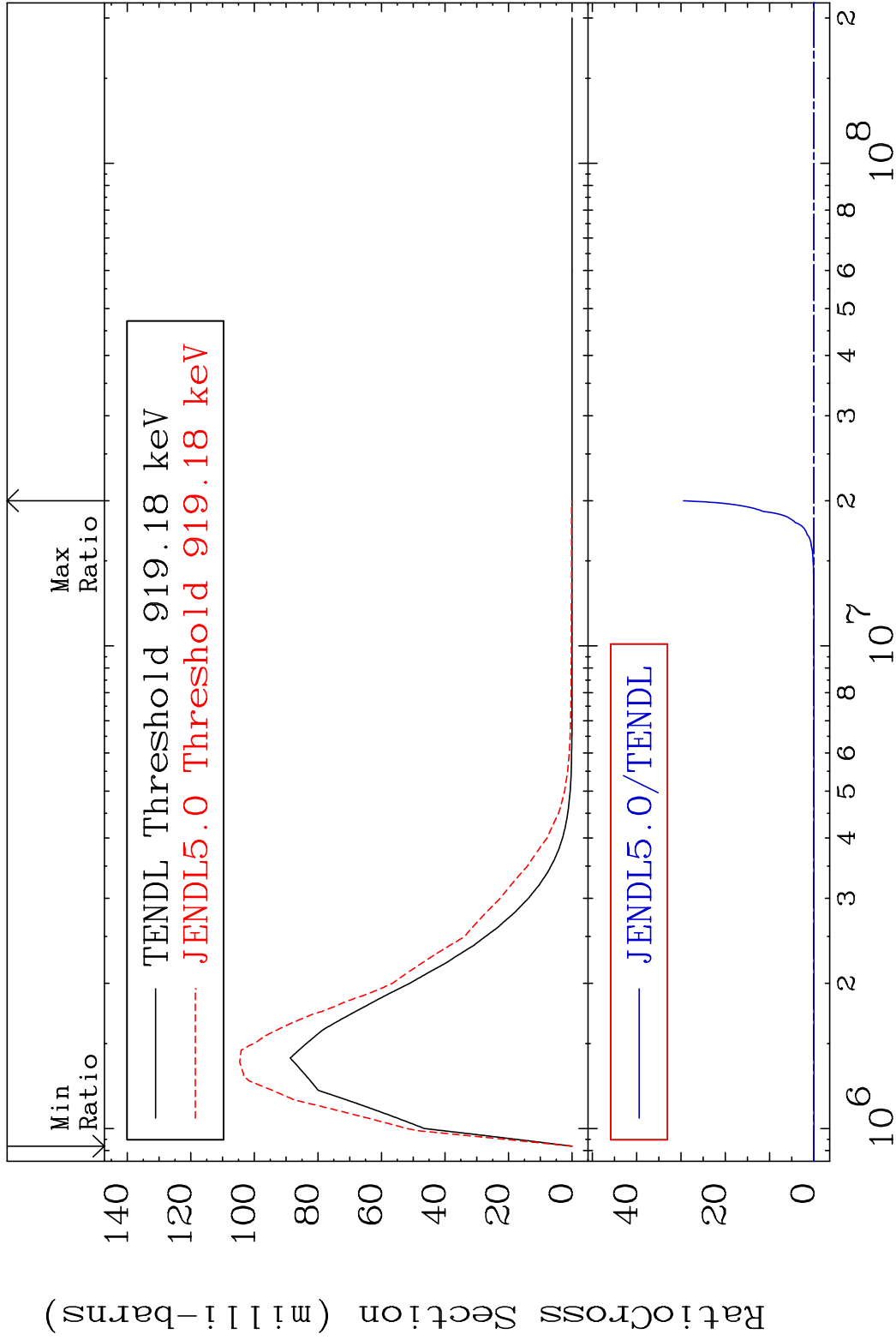
10 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 52 (n, n') Level 78-Pt-198
 Cross Section -94.98 To 69.14 %



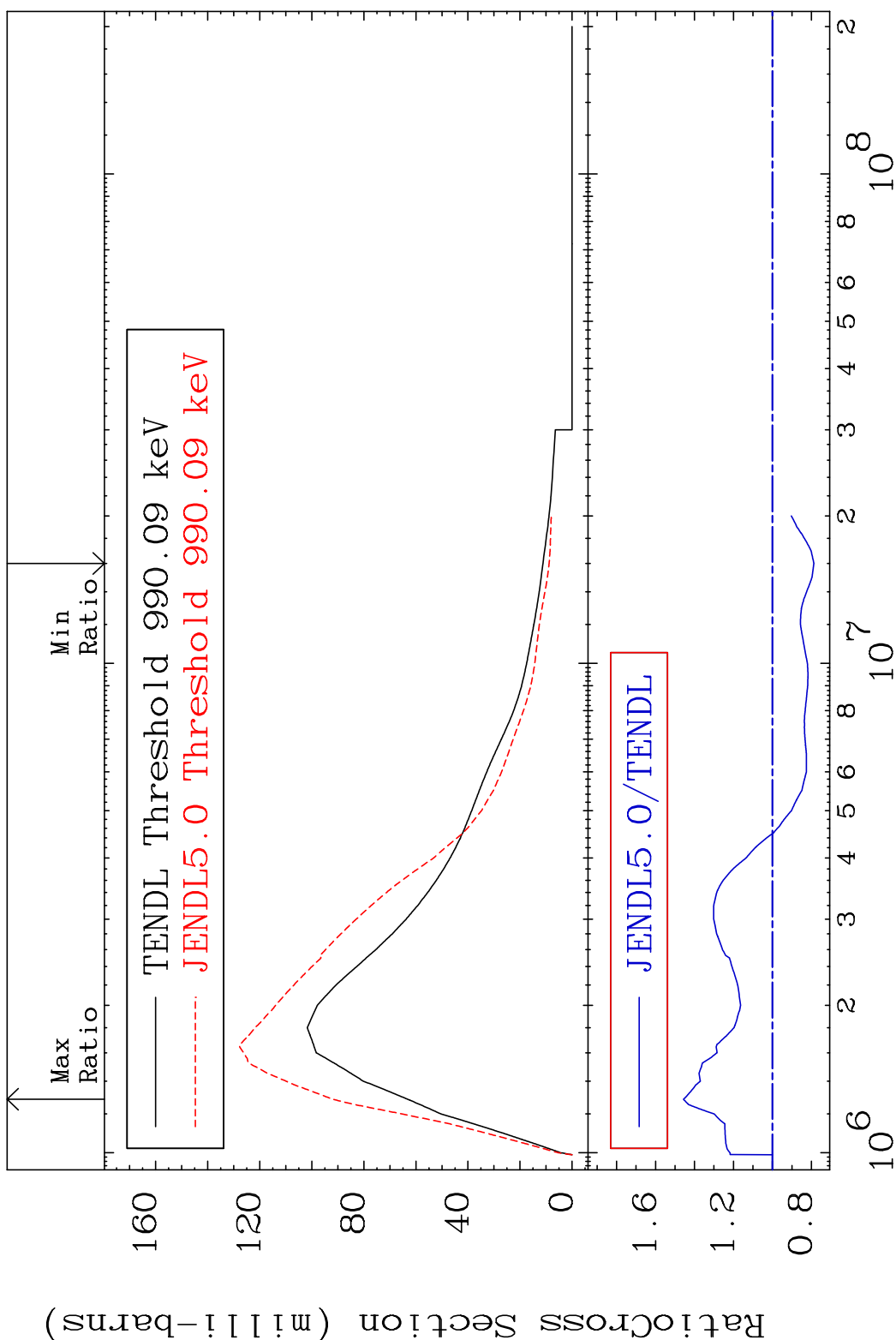
11 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 53 (n, n') Level 78-Pt-198
 Cross Section -100.0 To 9999. %



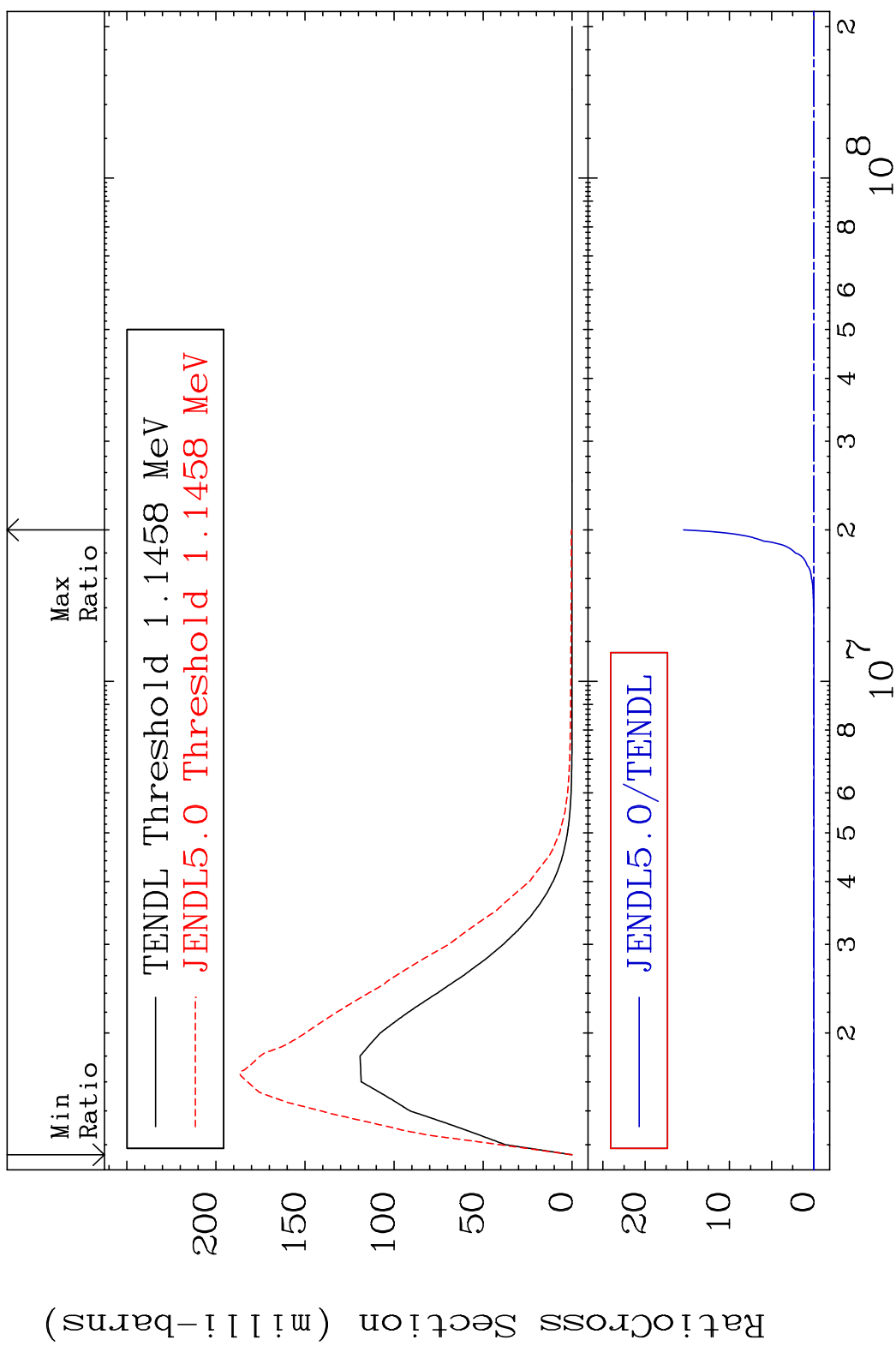
12 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 54 (n, n') Level 78-Pt-198
 Cross Section -21.28 To 45.66 %



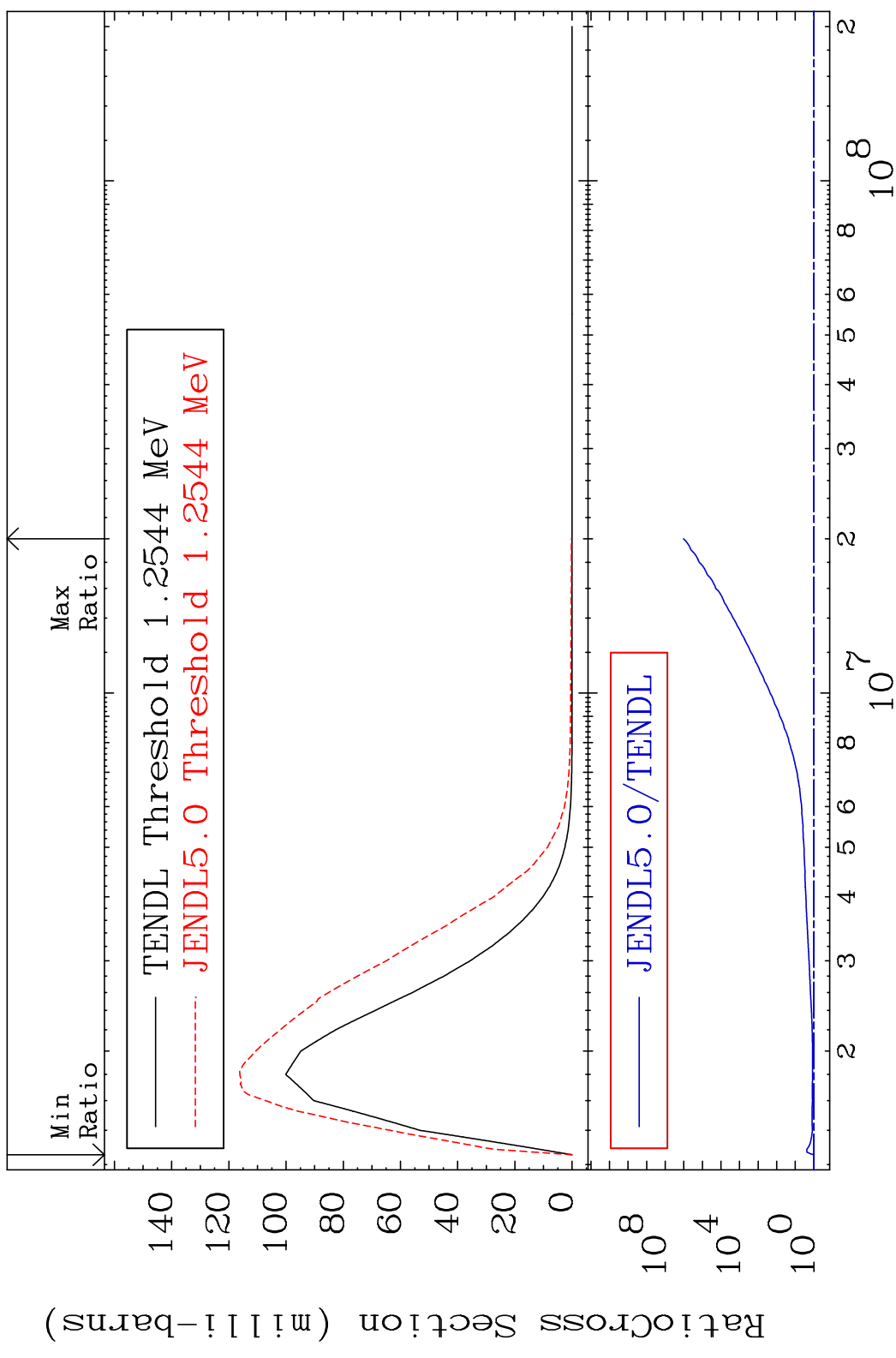
13 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 55 (n, n') Level 78-Pt-198
 Cross Section -100.0 To 9999. %



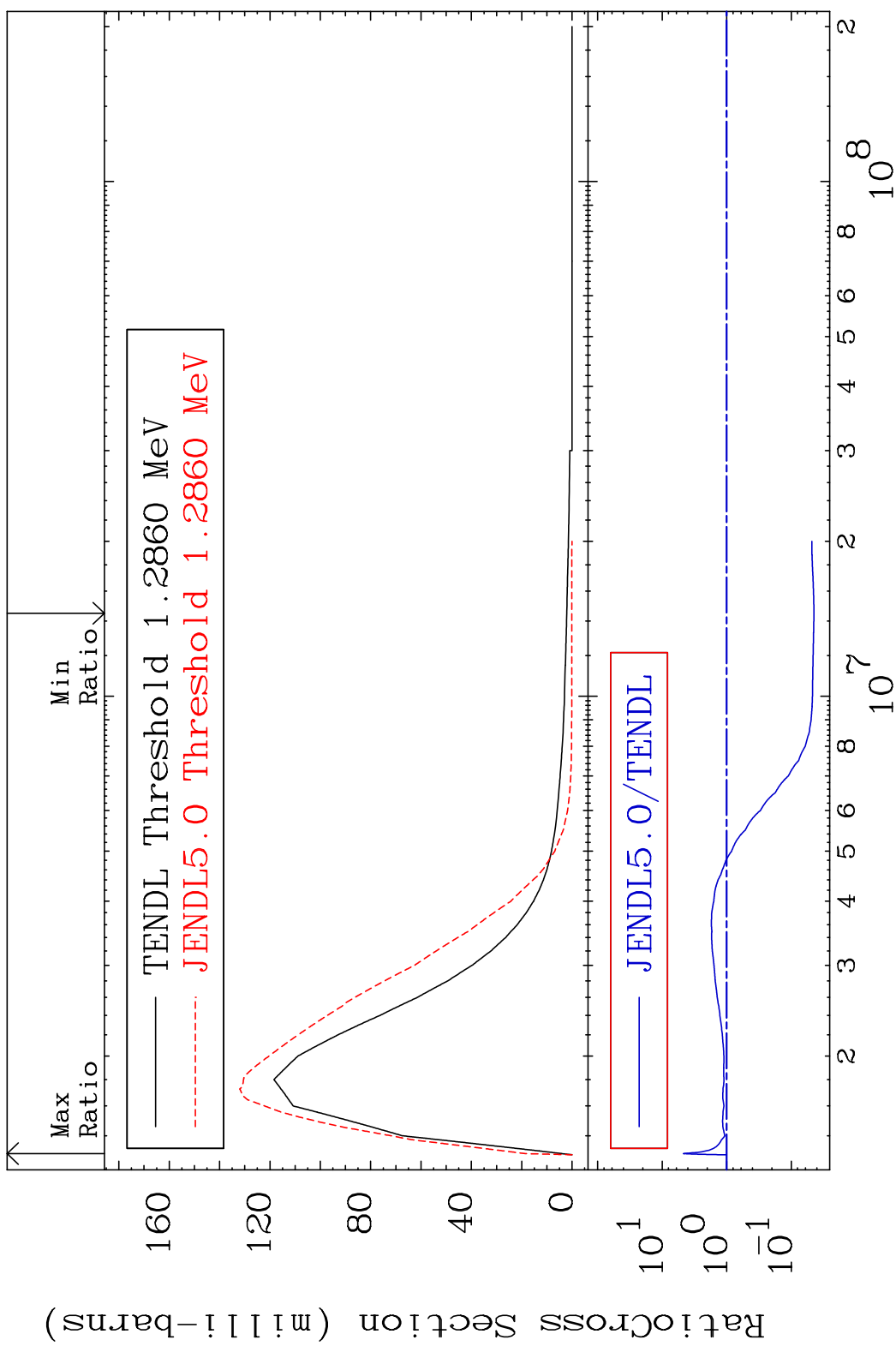
14 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 56 (n, n') Level 78-Pt-198
 Cross Section 0.000 To 9999. %



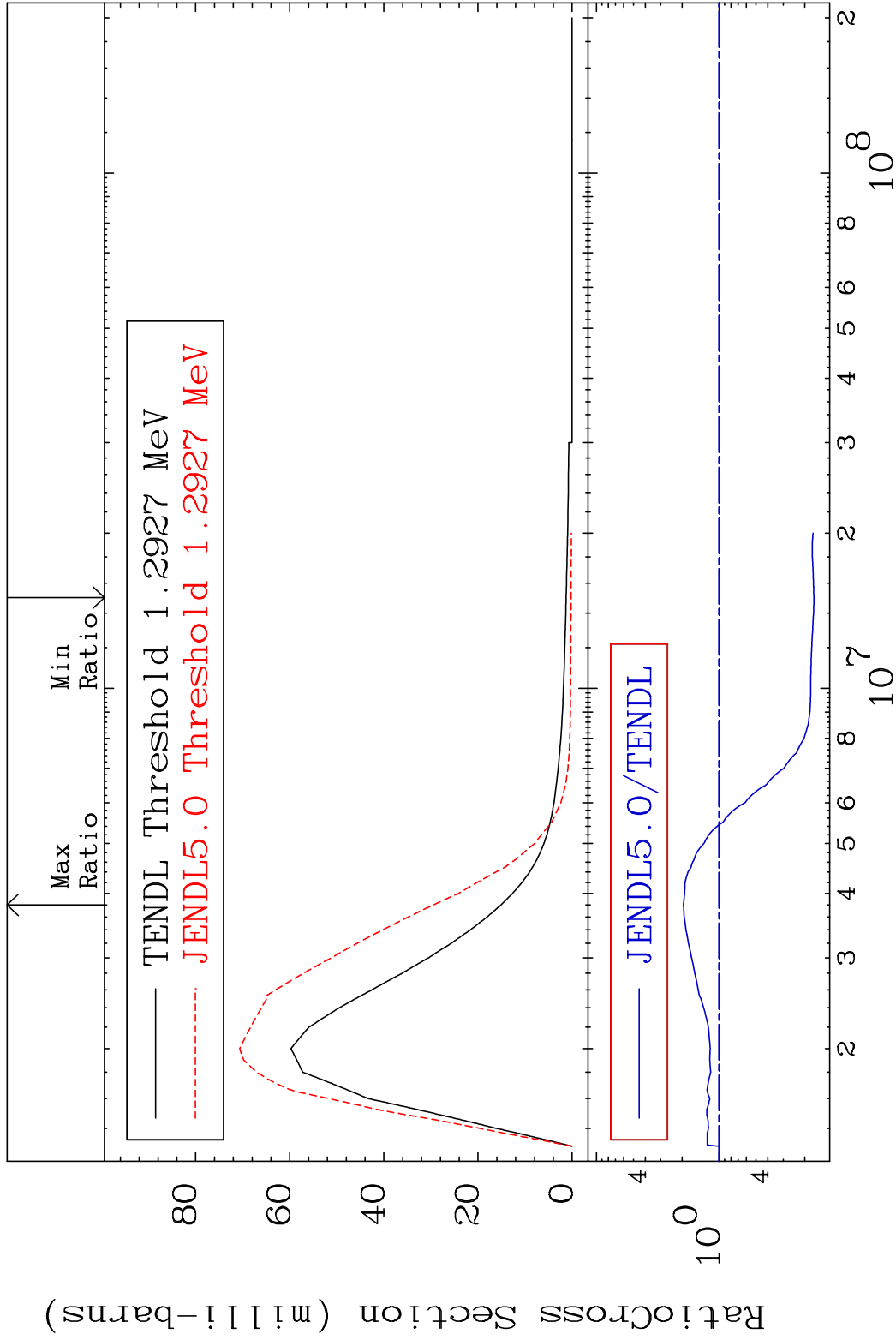
15 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 57 (n, n') Level 78-Pt-198
 Cross Section -95.54 To 368.2 %



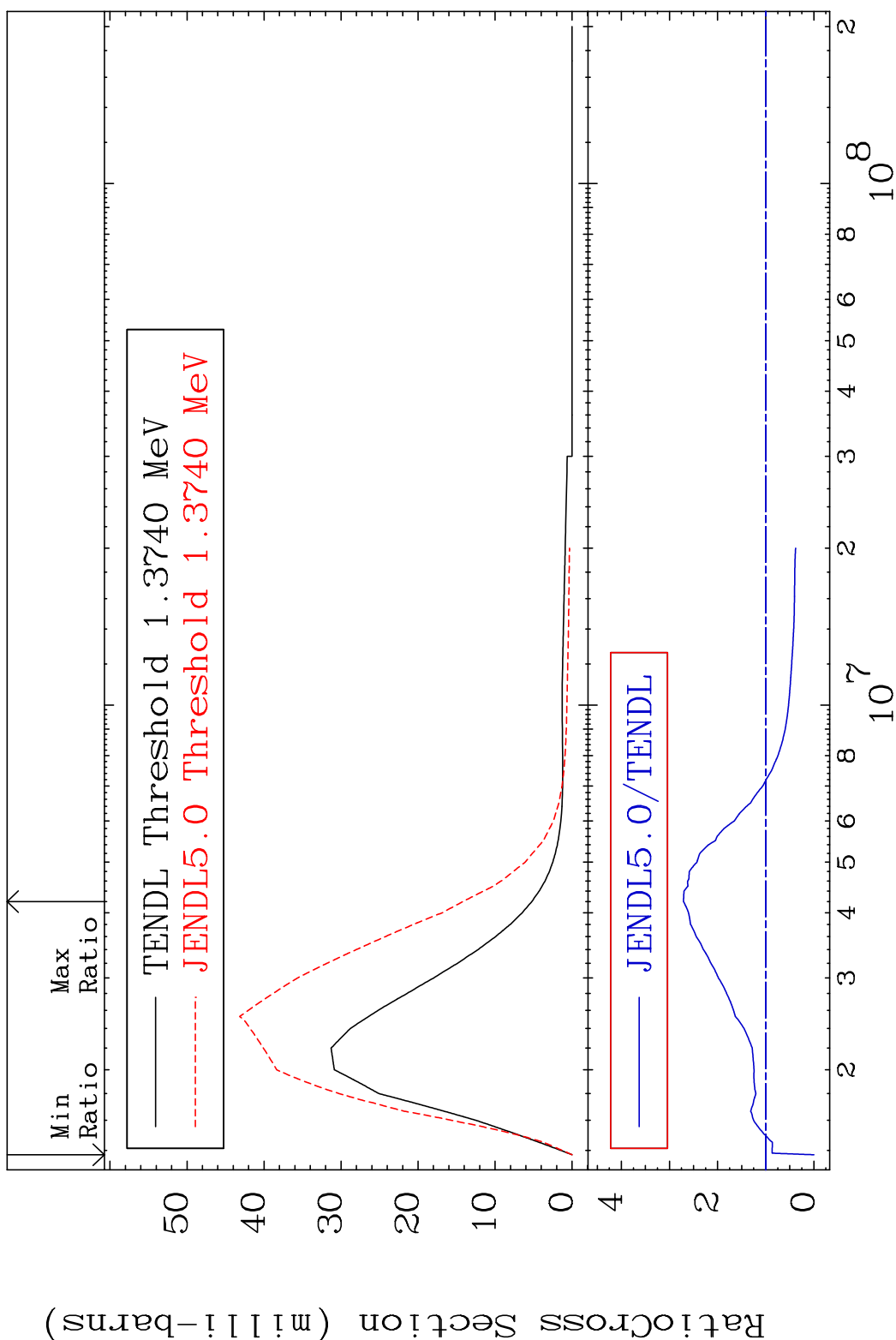
16 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 58 (n, n') Level 78-Pt-198
 Cross Section -83.13 To 95.21 %



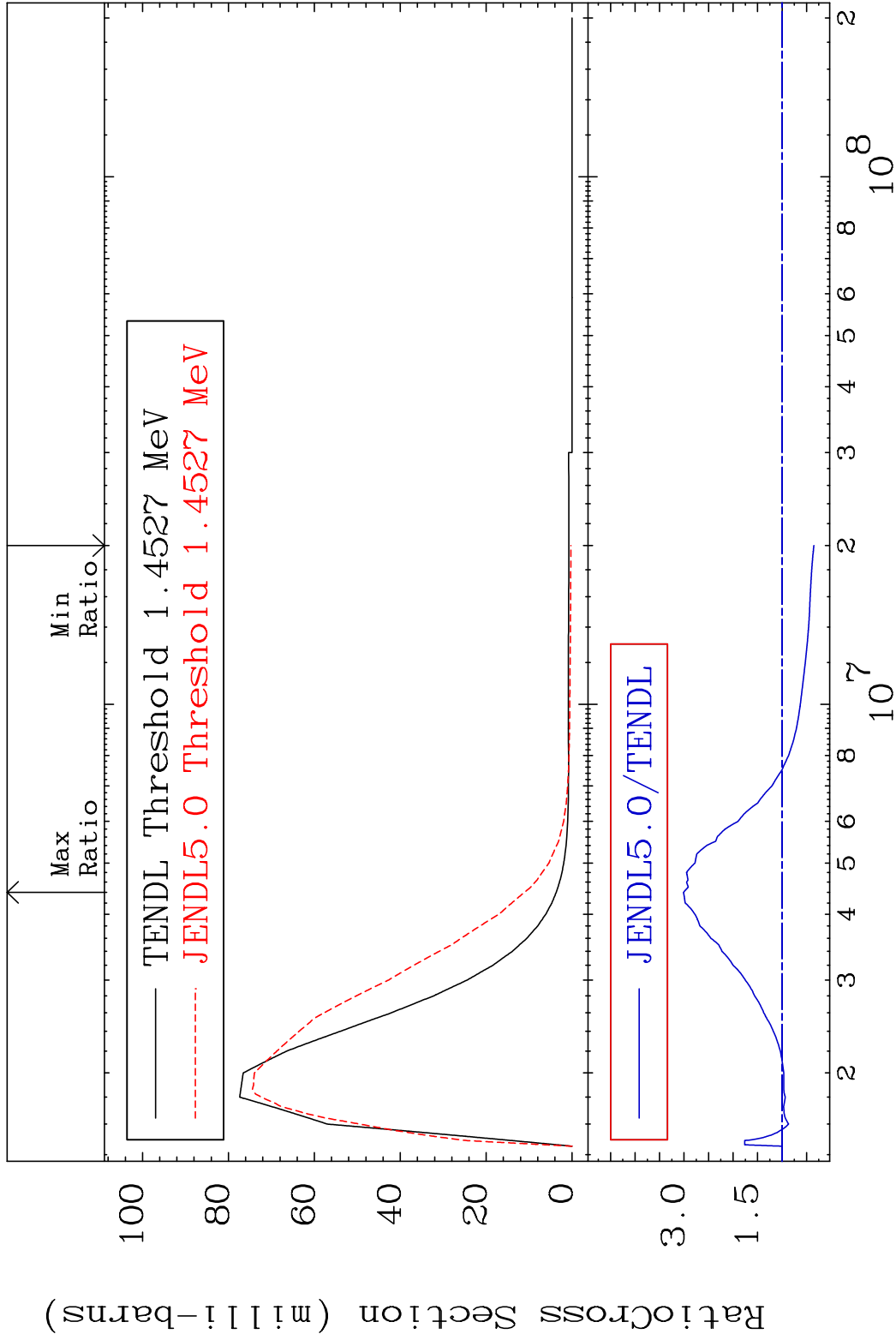
17 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 59 (n, n') Level 78-Pt-198
 Cross Section -100.0 To 171.0 %



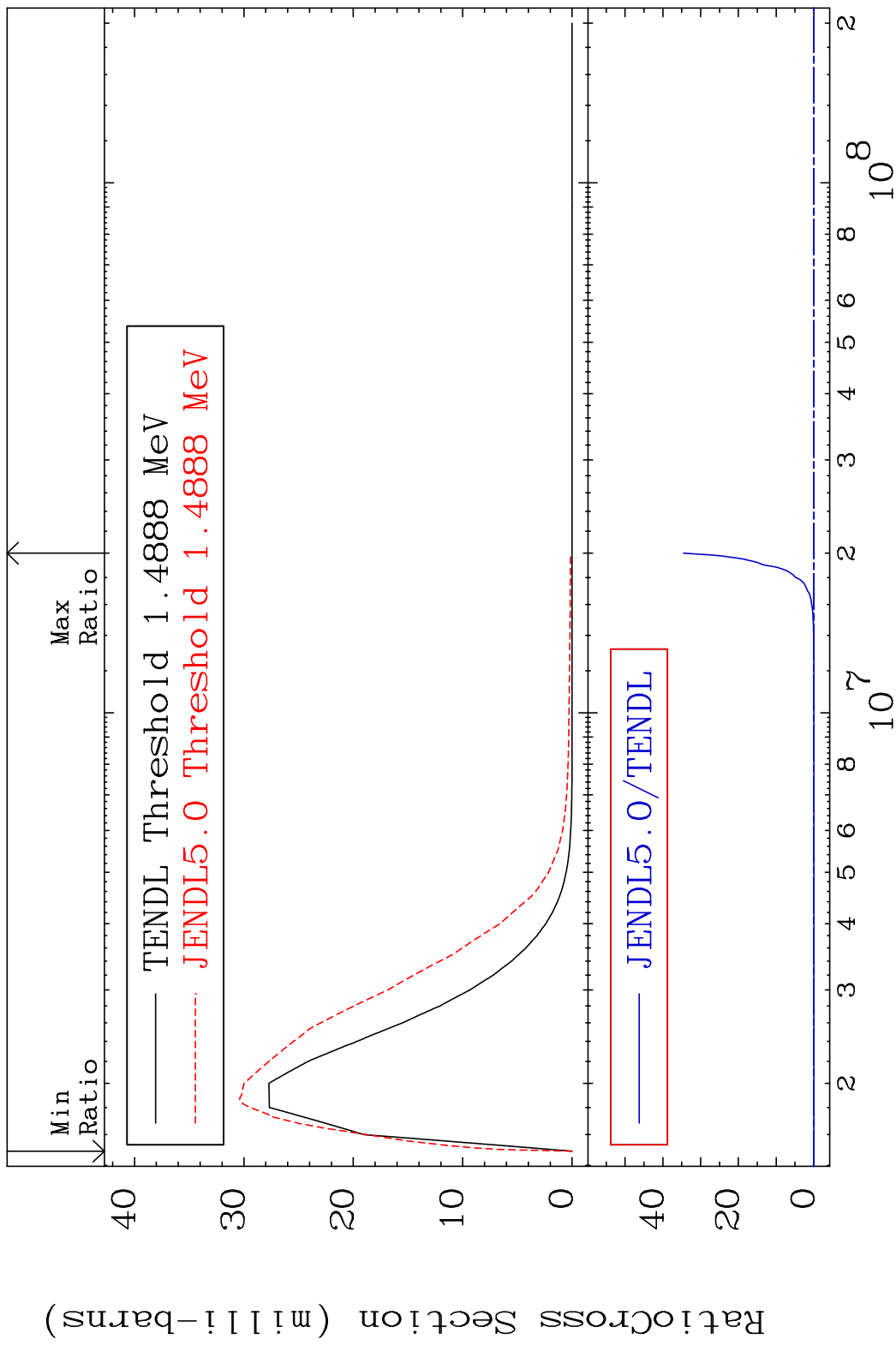
18 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 60 (n, n') Level 78-Pt-198
 Cross Section -64.92 To 201.2 %



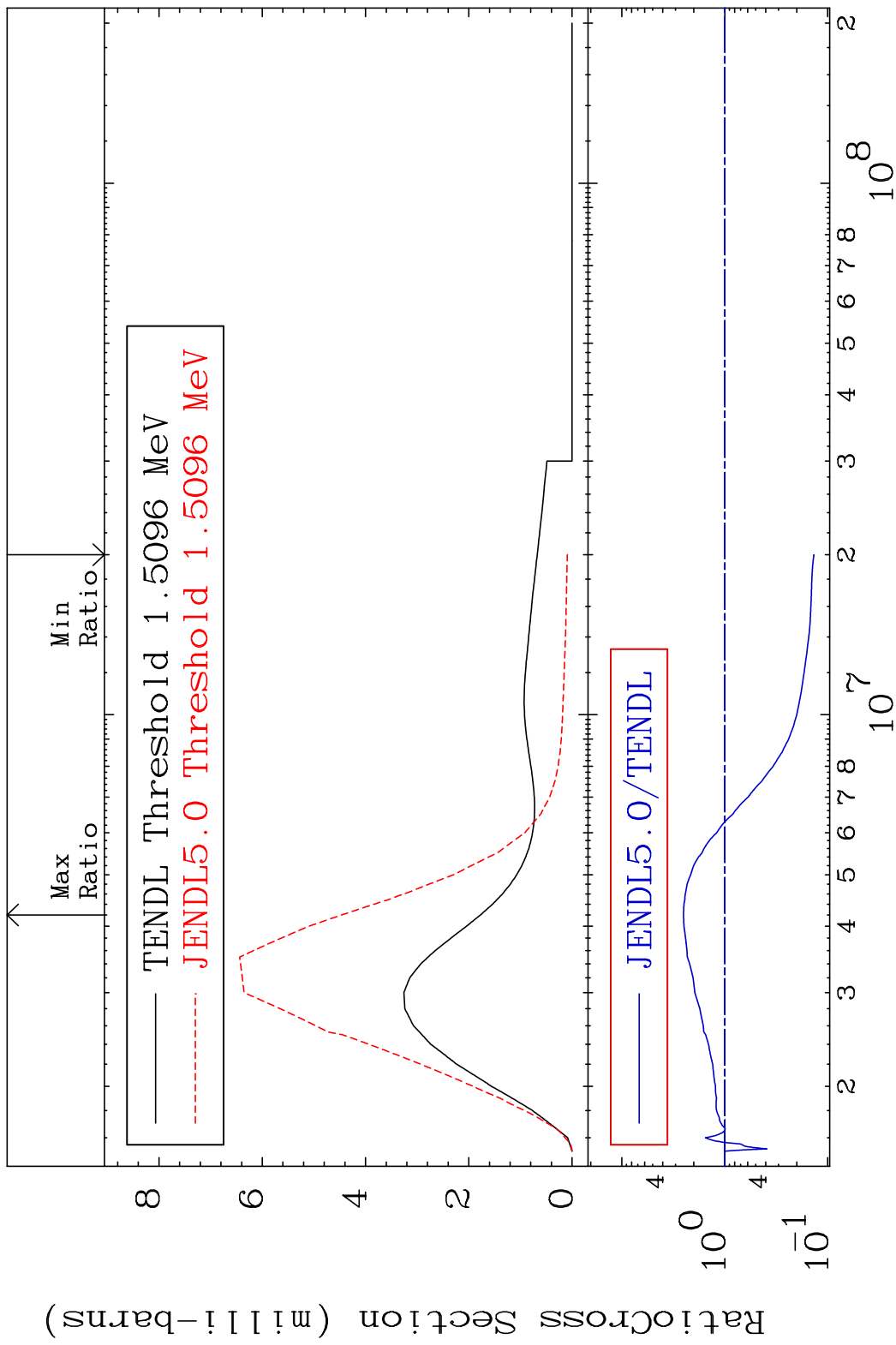
19 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 61 (n, n') Level 78-Pt-198
 Cross Section -100.0 To 9999. %



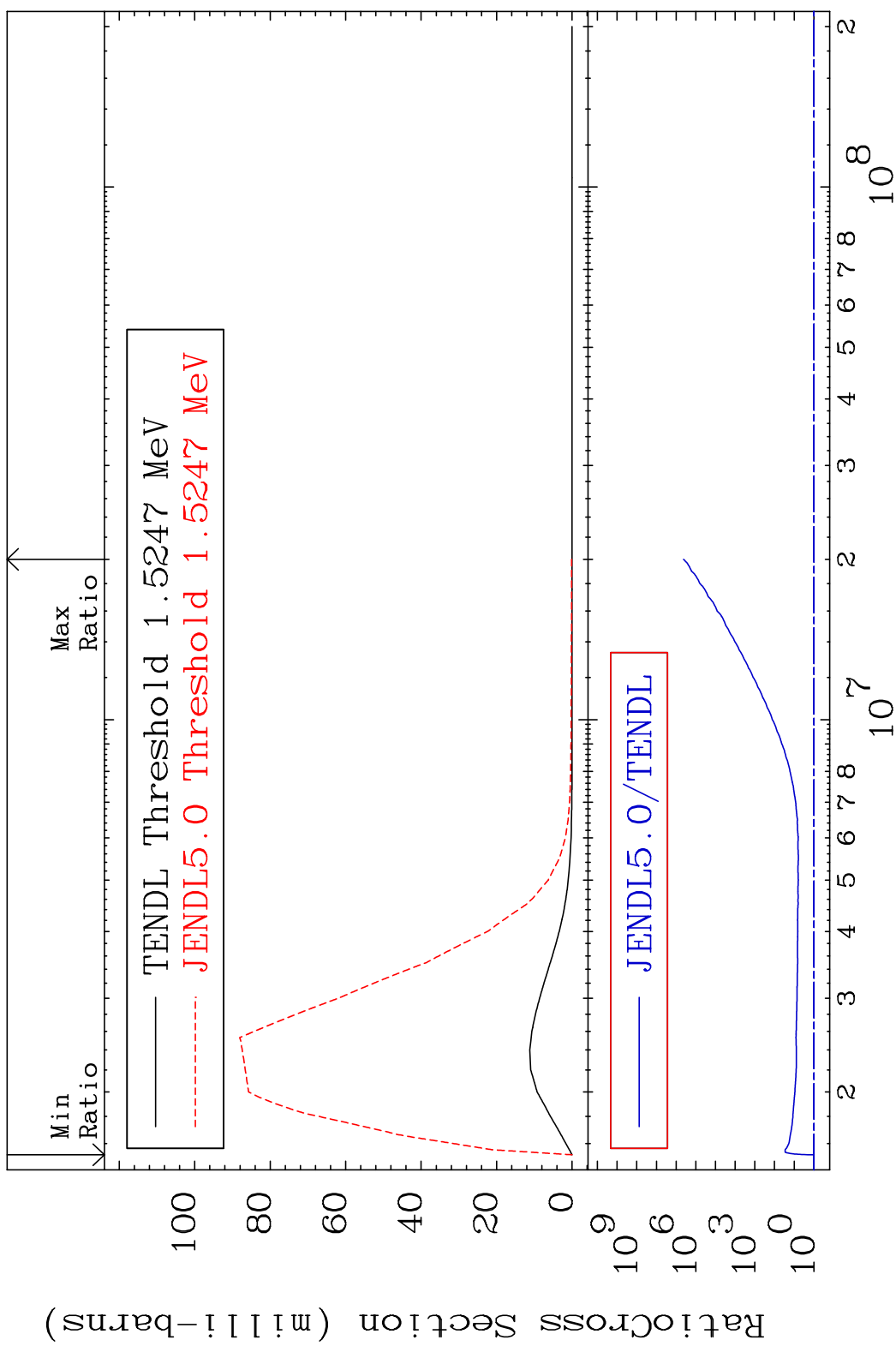
20 78-Pt-198

MAT 7849 MT= 62 (n, n') Level 78-Pt-198
 Cross Section -86.37 To 151.7 %

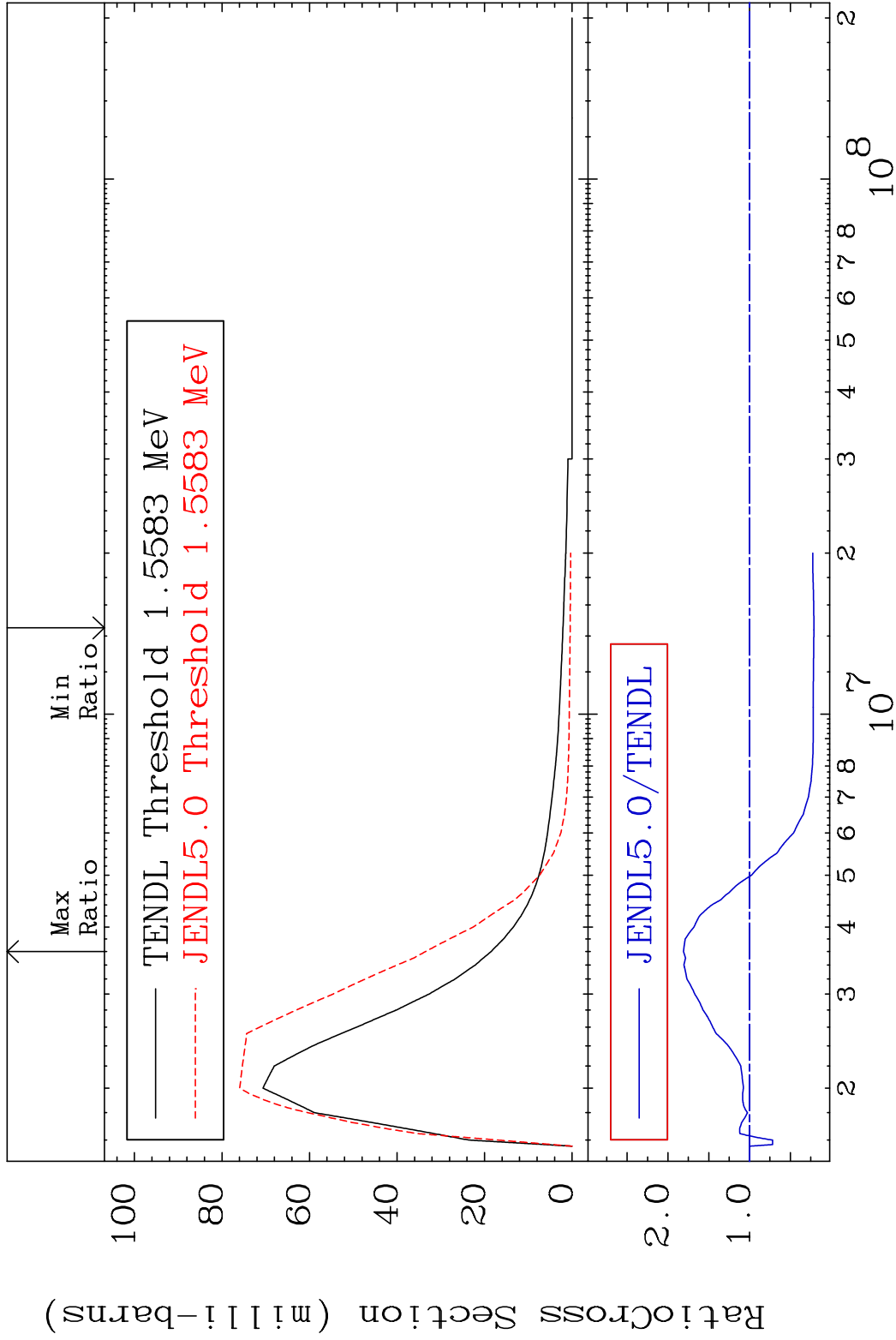


21 Incident Energy (eV) 78-Pt-198

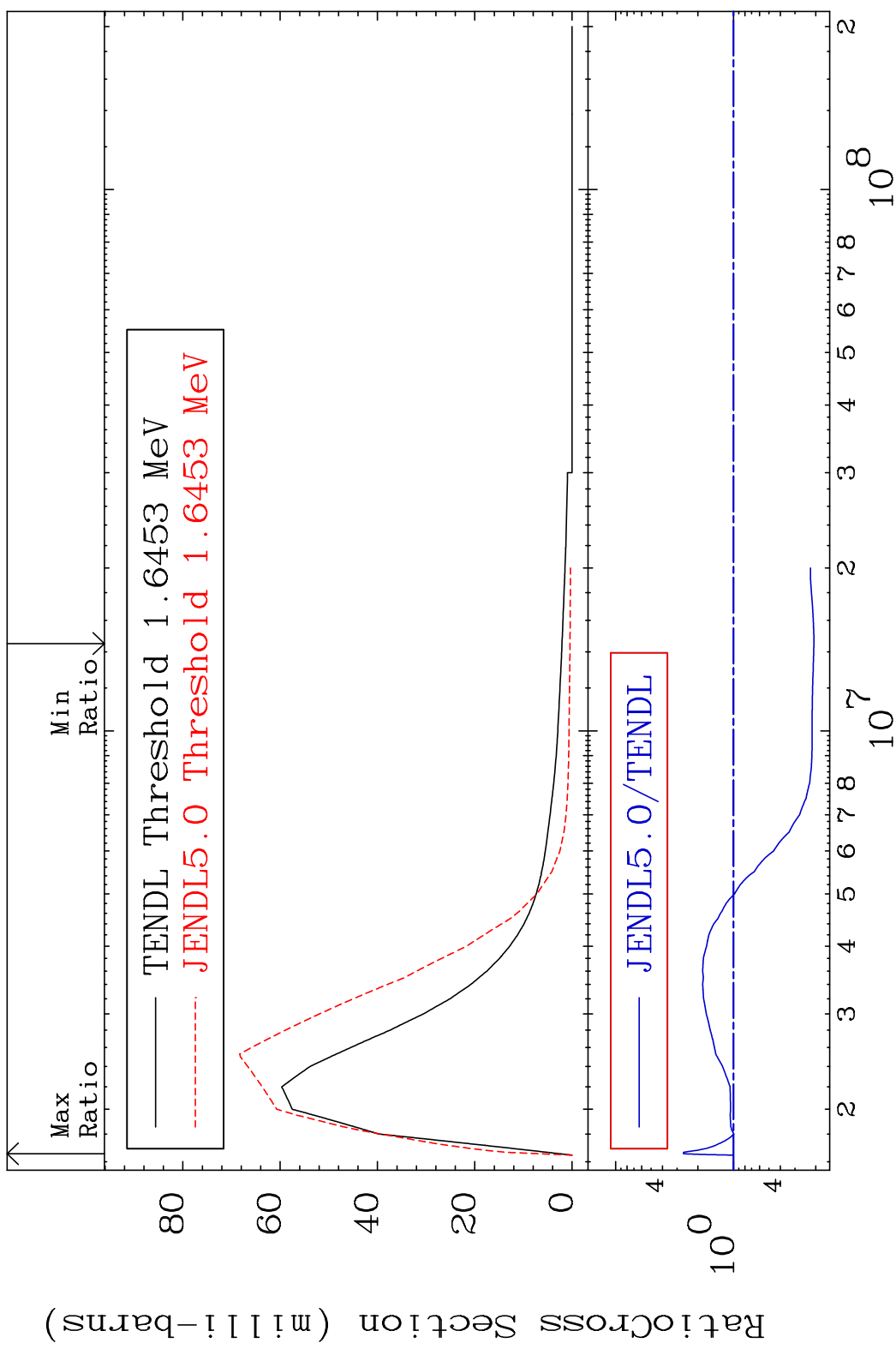
MAT 7849 MT= 63 (n, n') Level 78-Pt-198
 Cross Section 0.000 To 9999. %



MAT 7849 MT= 64 (n, n') Level 78-Pt-198
 Cross Section -78.87 To 81.00 %

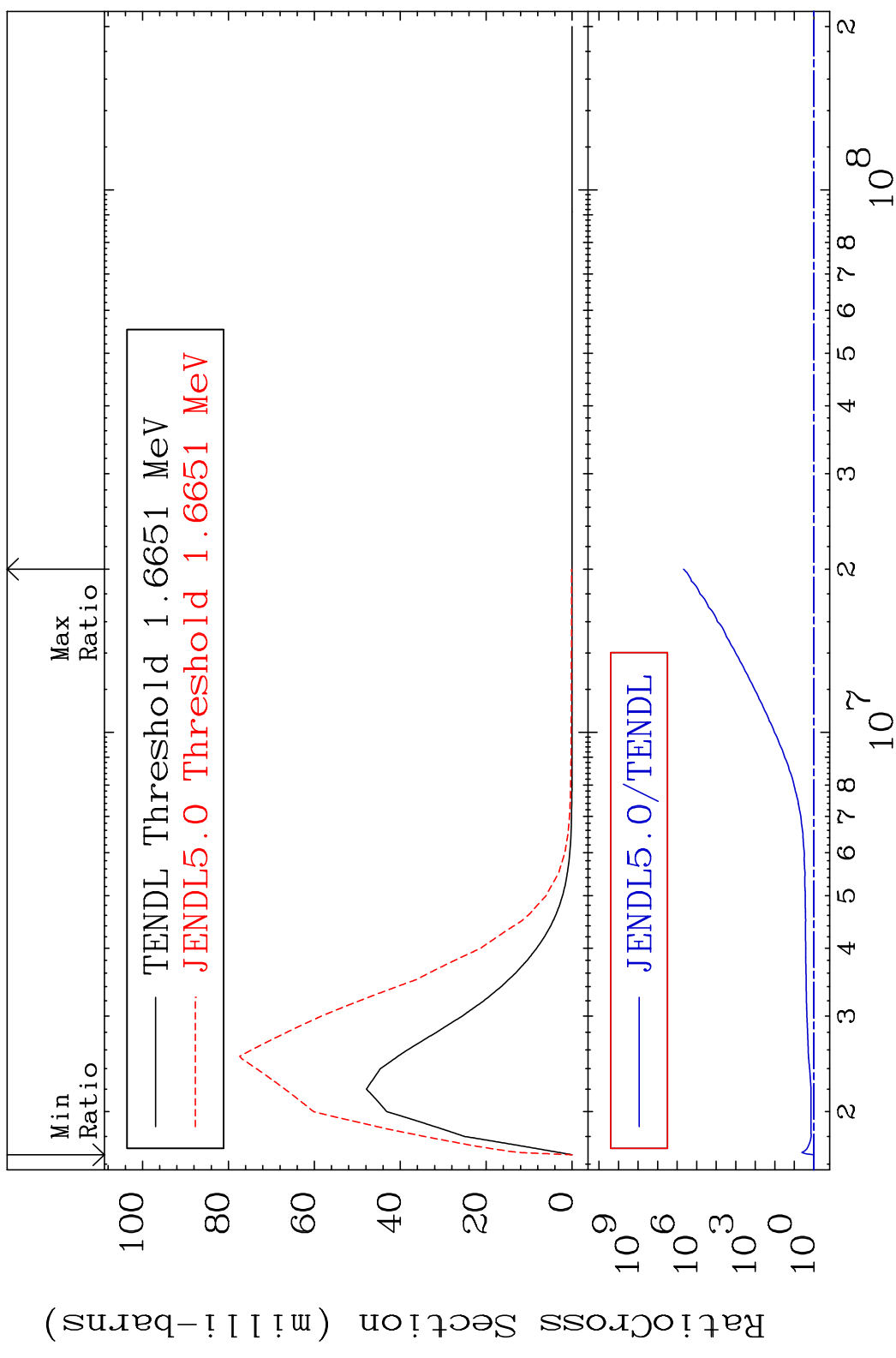


MAT 7849 MT= 65 (n, n') Level 78-Pt-198
 Cross Section -79.25 To 165.5 %



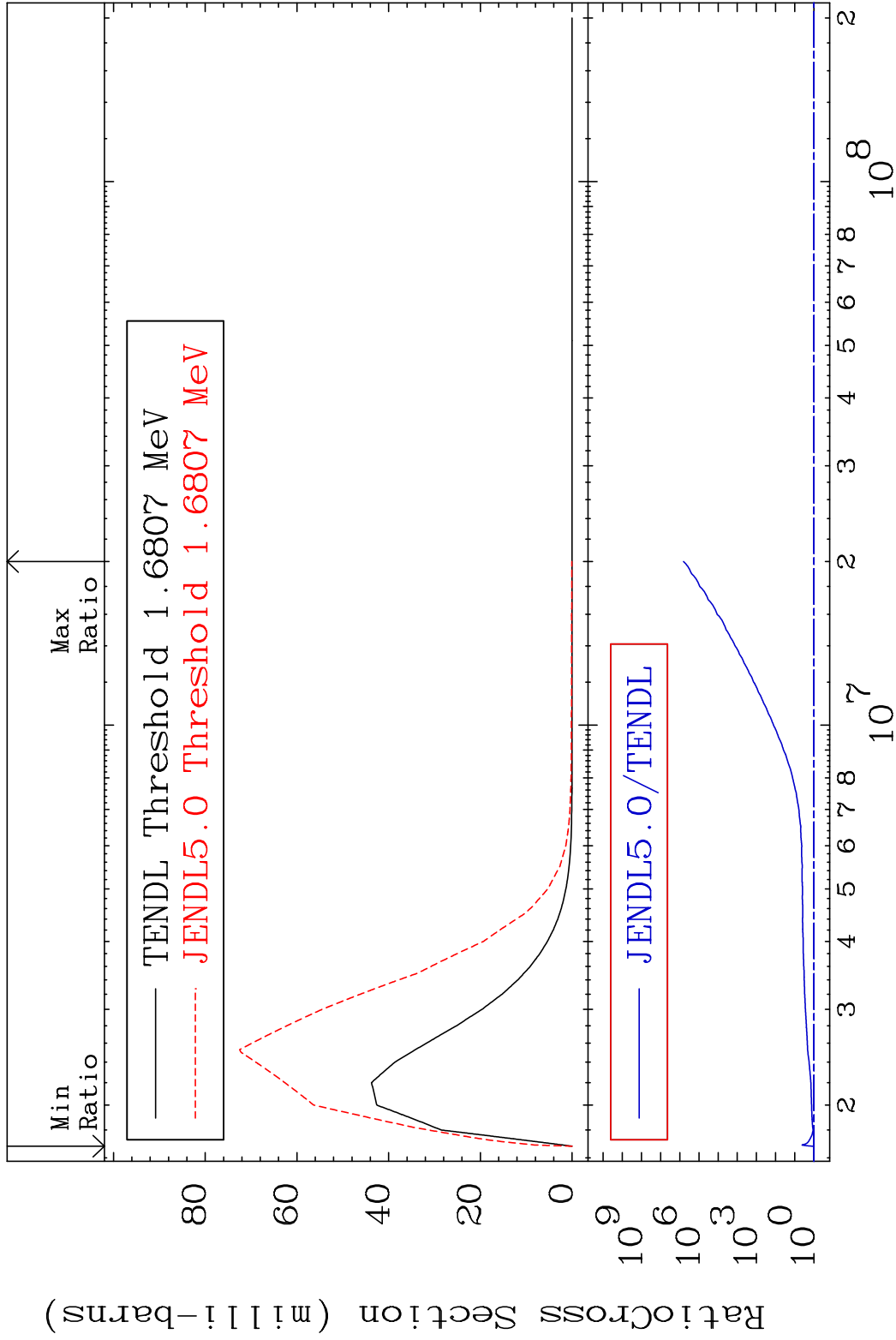
24 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 66 (n, n') Level 78-Pt-198
 Cross Section 0.000 To 9999. %

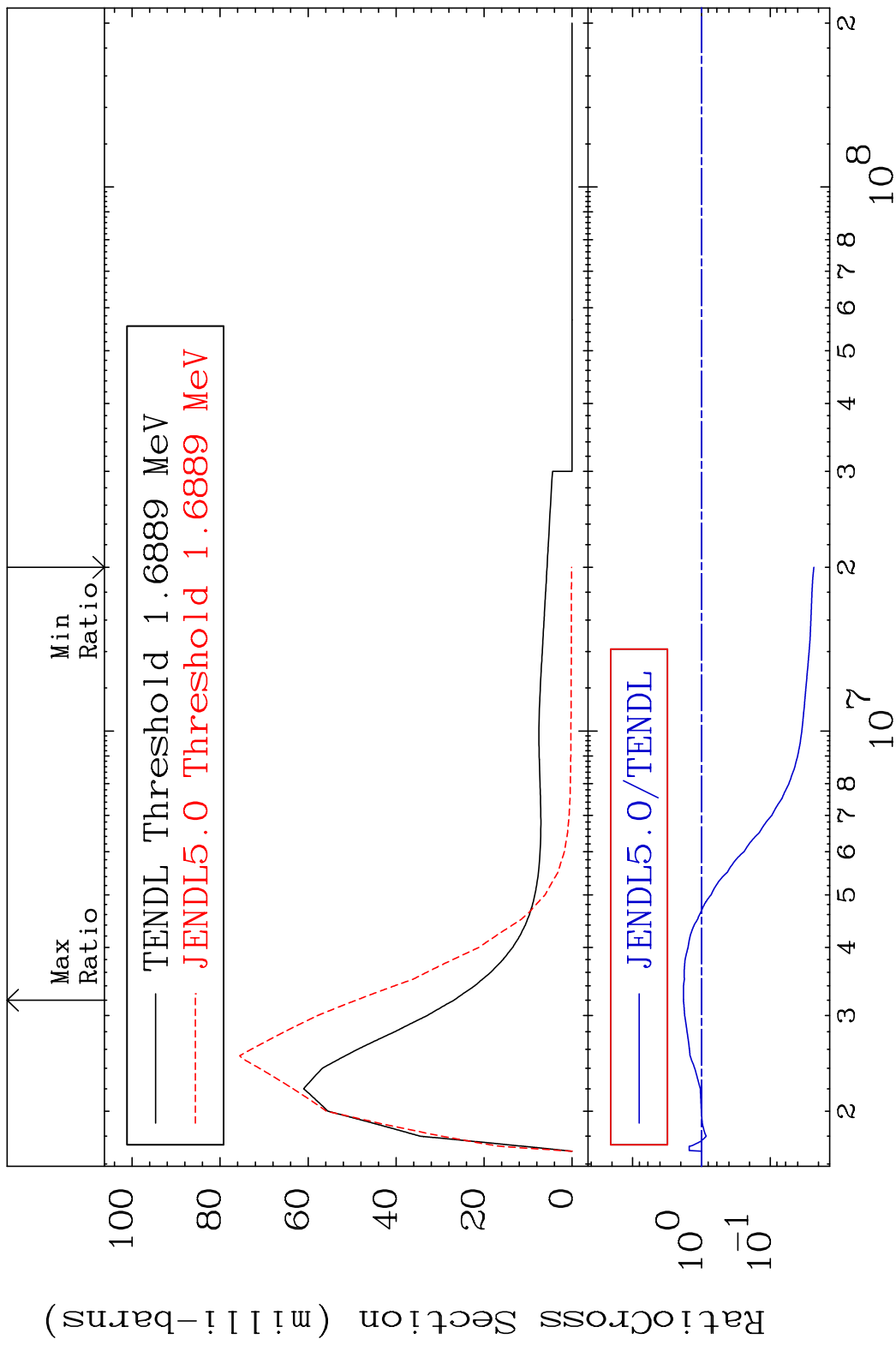


25 Incident Energy (eV) 78-Pt-198

MAT 7849 MT= 67 (n, n') Level 78-Pt-198
 Cross Section 0.000 To 9999. %

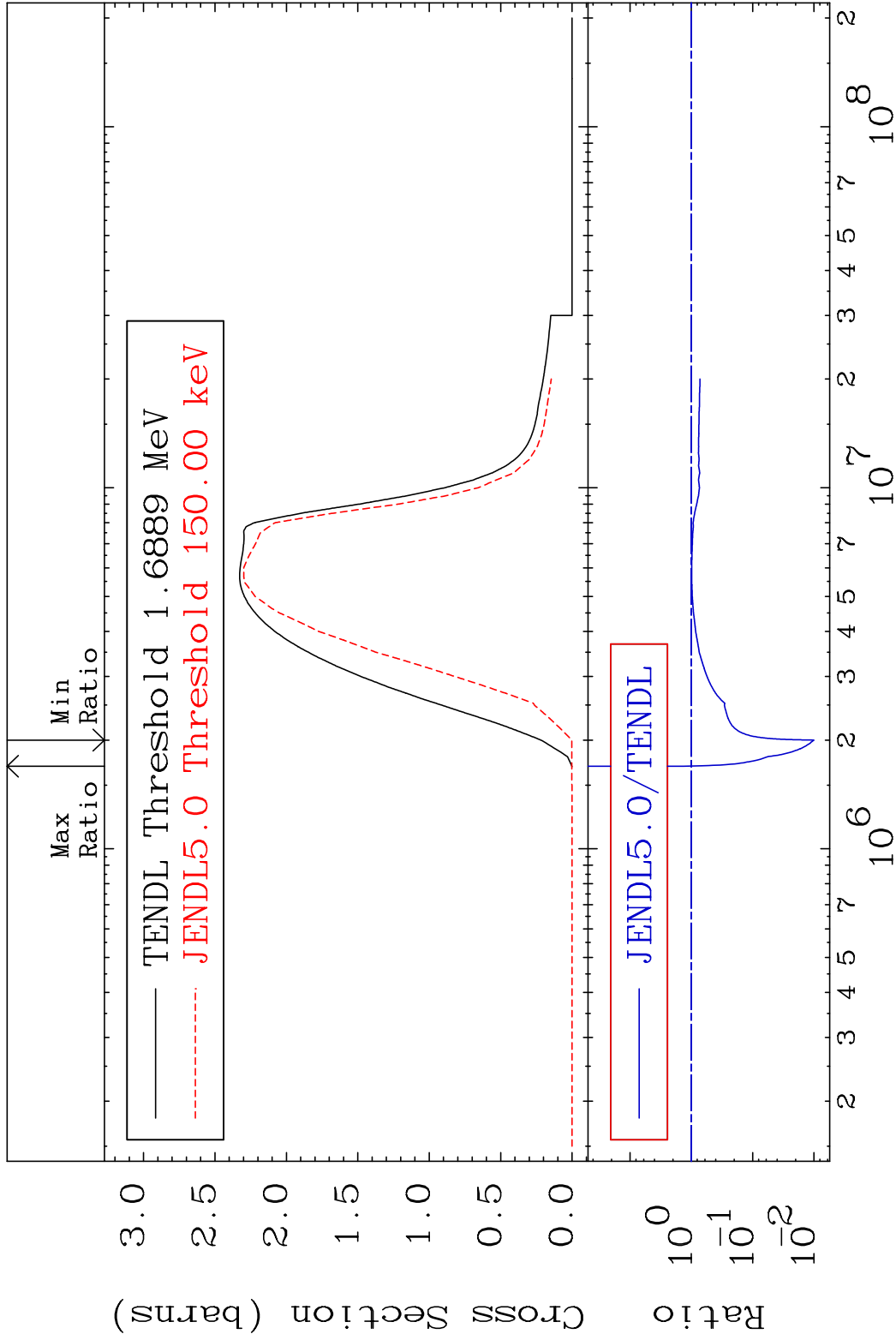


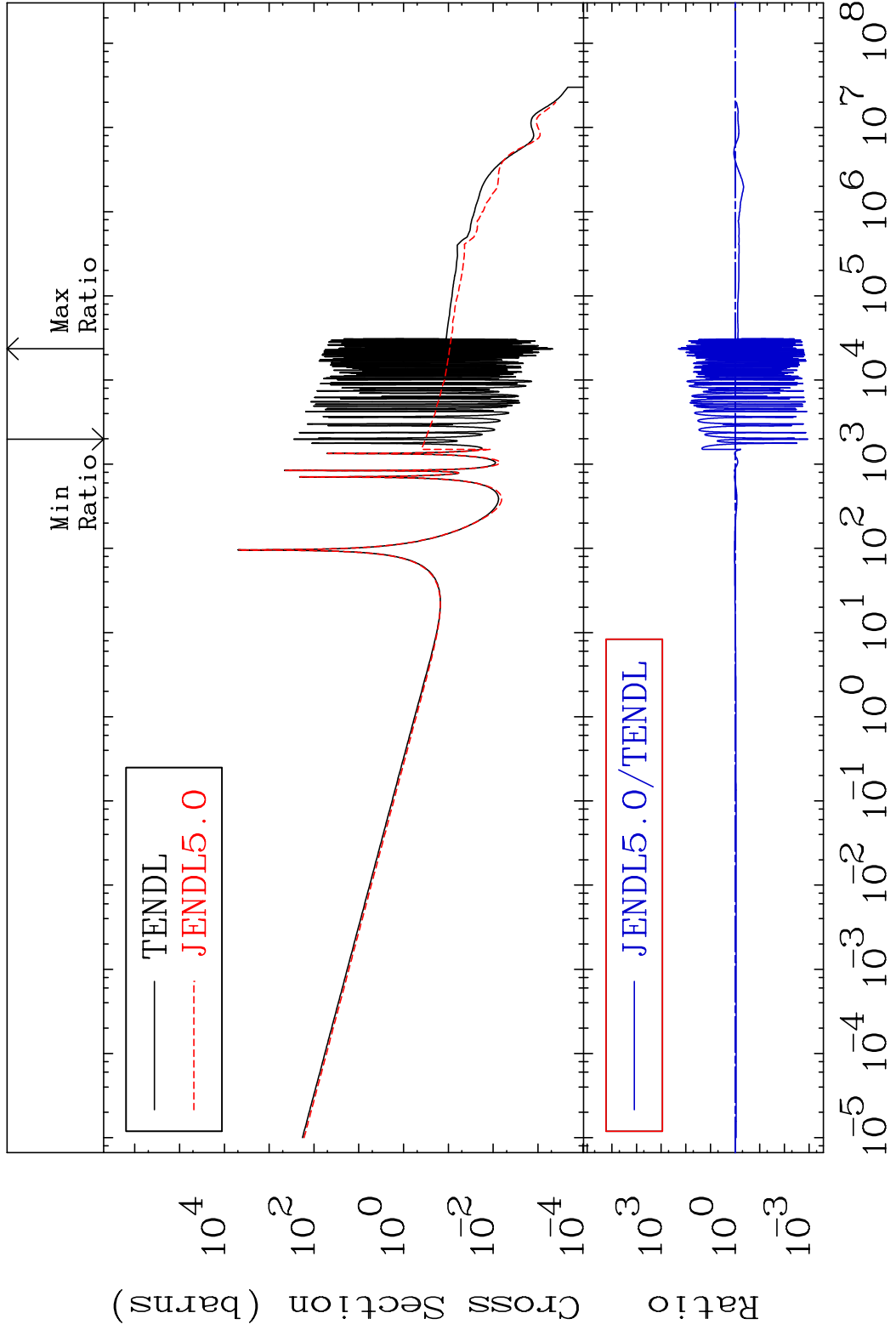
MAT 7849 MT= 68 (n, n') Level 78-Pt-198
 Cross Section -97.67 To 82.67 %



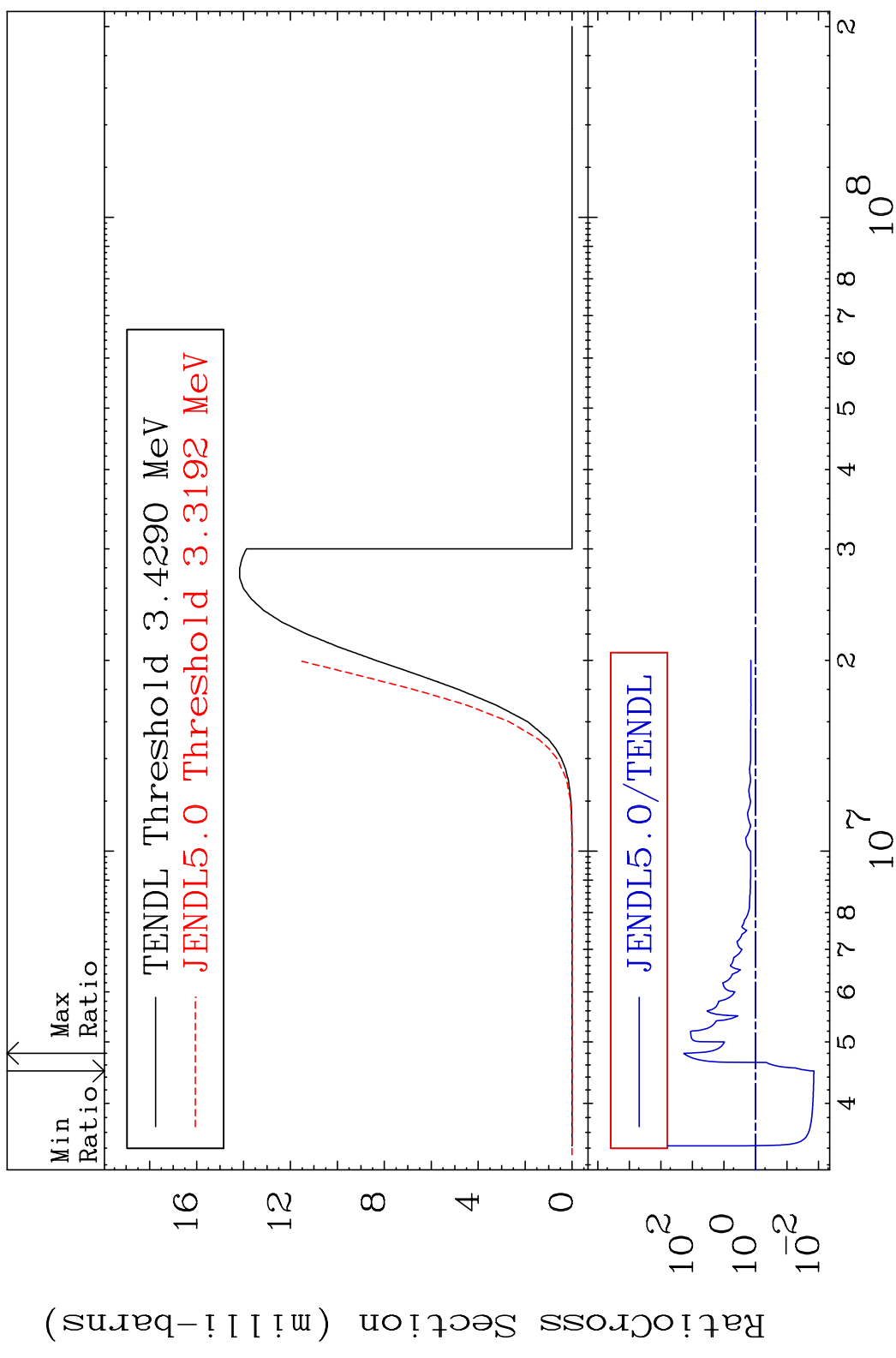
27 Incident Energy (eV) 78-Pt-198

MAT 7849 (n, n') Continuum 78-Pt-198
 Cross Section -99.00 To 34.53 %

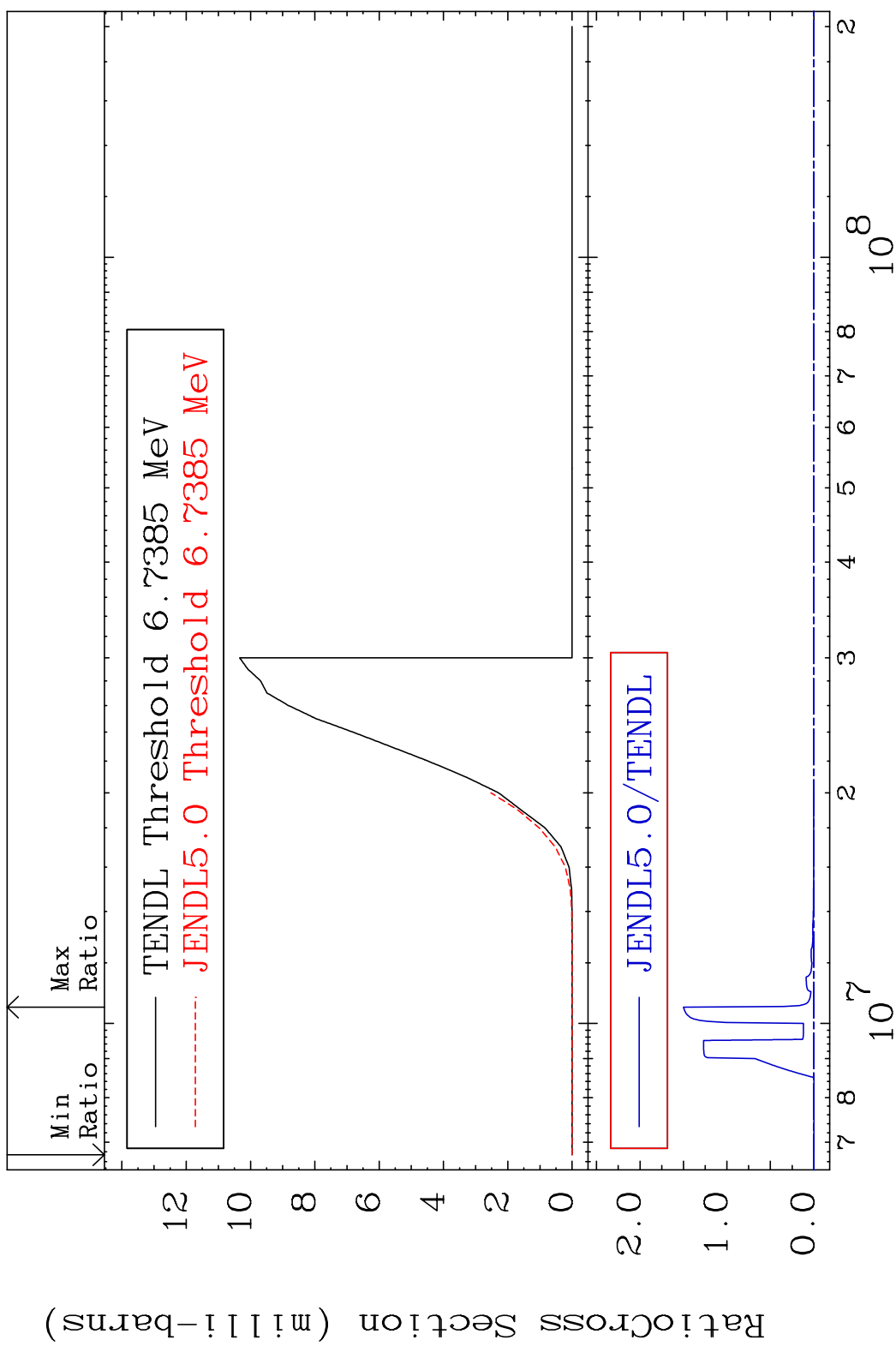




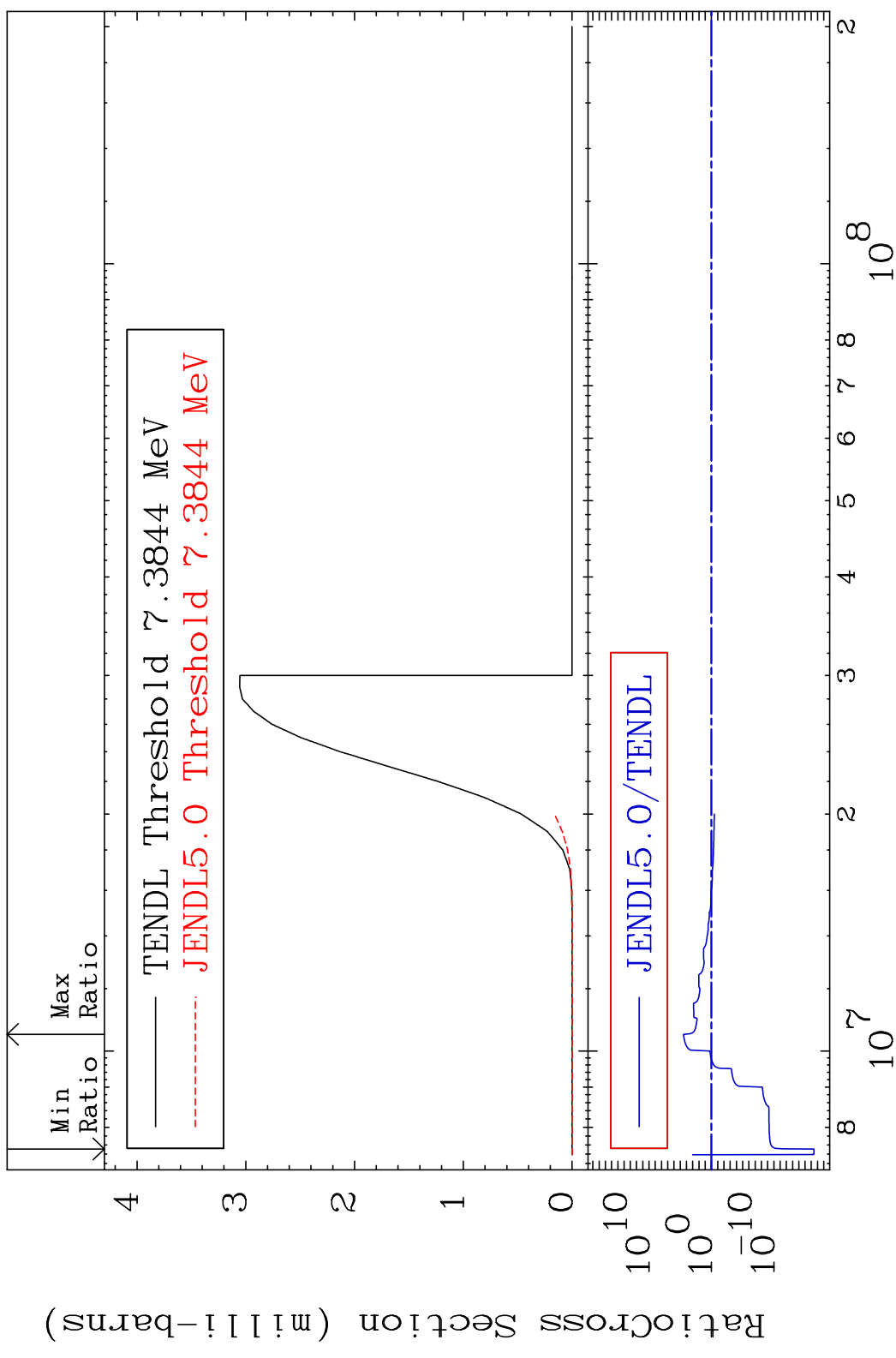
MAT 7849 (n,p) 78-Pt-198
 Cross Section -98.59 To 9999. %



MAT 7849 (n,d) 78-Pt-198
 Cross Section -100.0 To 9999. %



MAT 7849 (n, t) 78-Pt-198
 Cross Section -100.0 To 9999. %



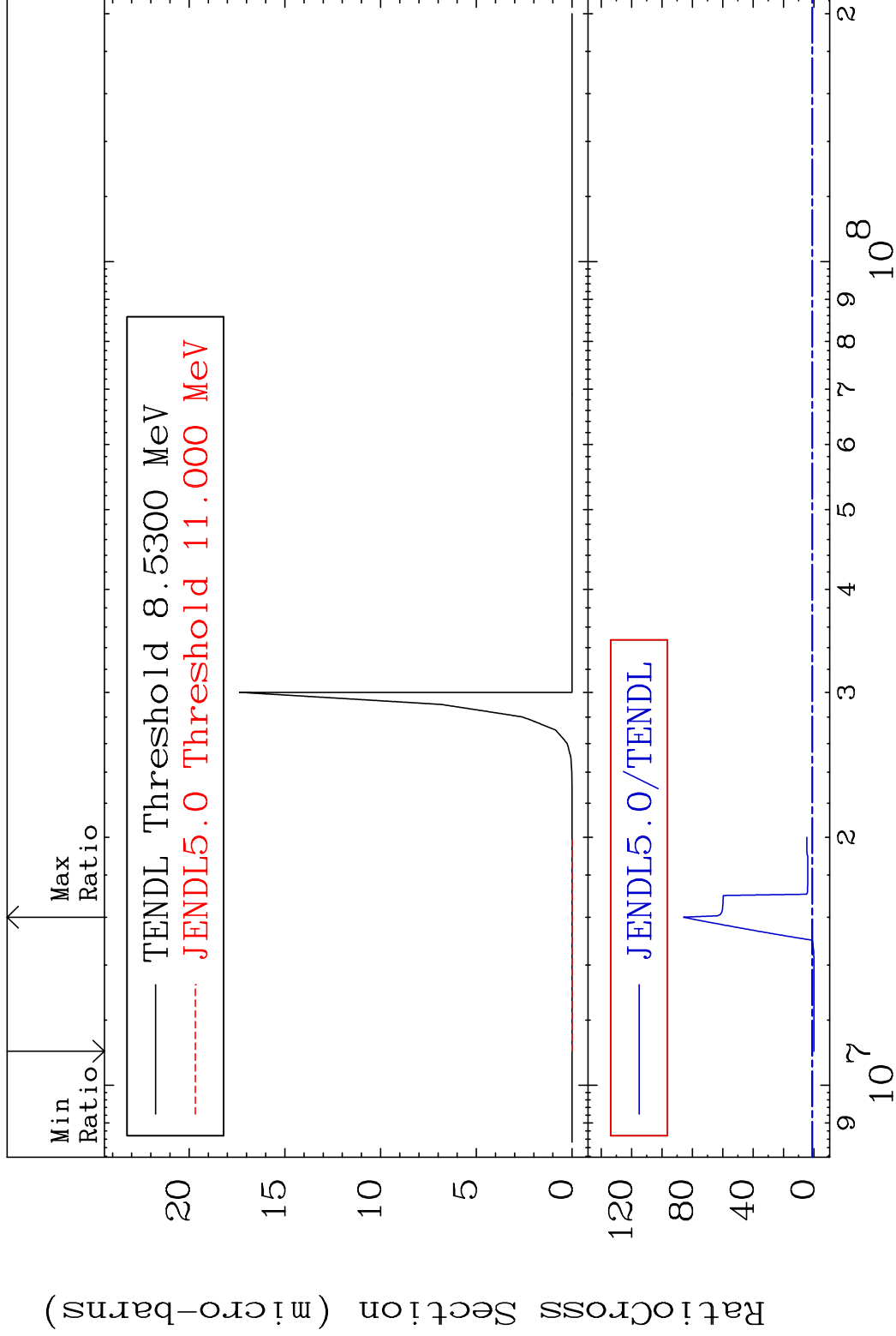
32 Incident Energy (eV) 78-Pt-198

MAT 7849

(n, He-3)

78-Pt-198

Cross Section -100.0 To 8484. %

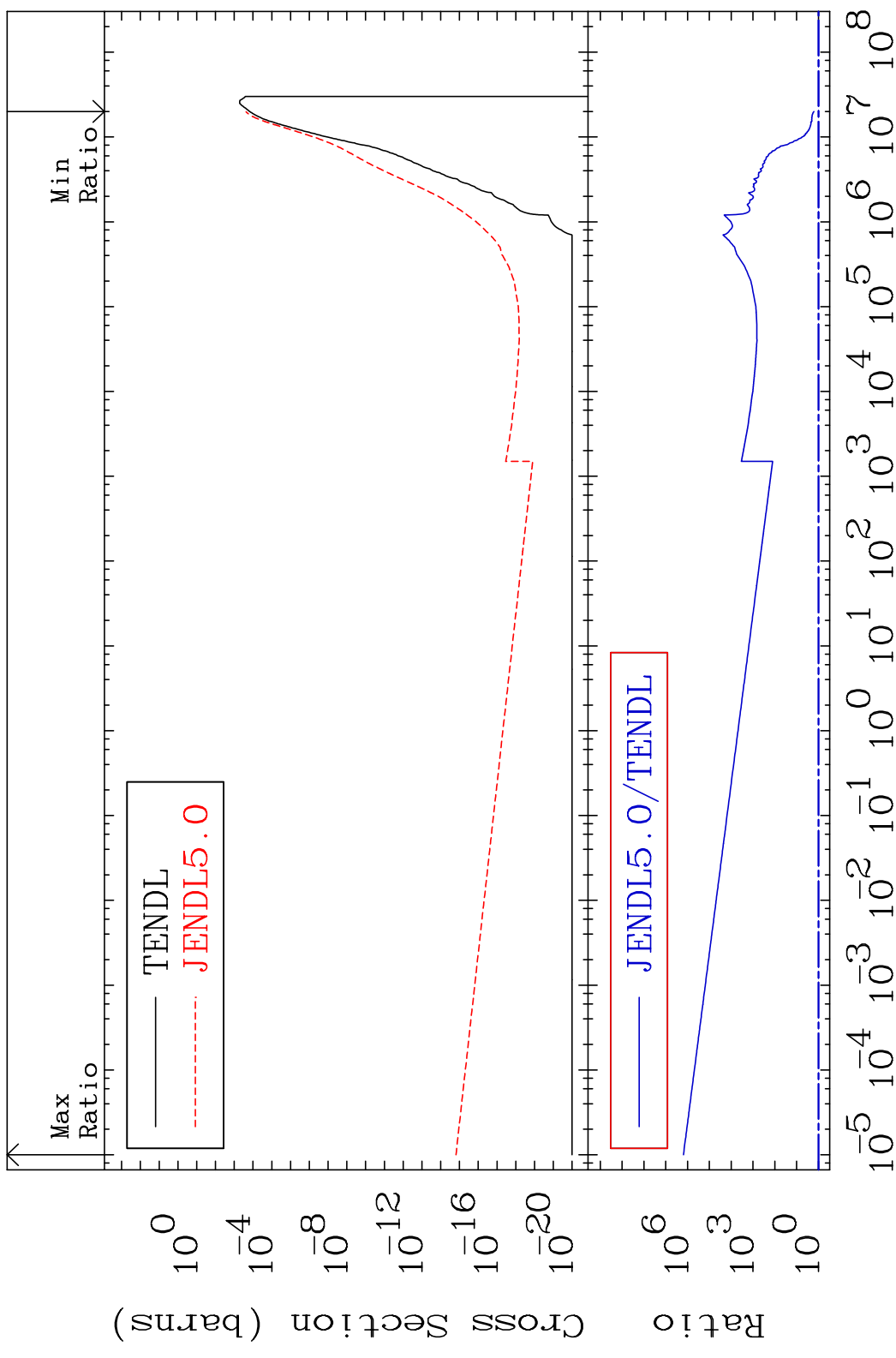


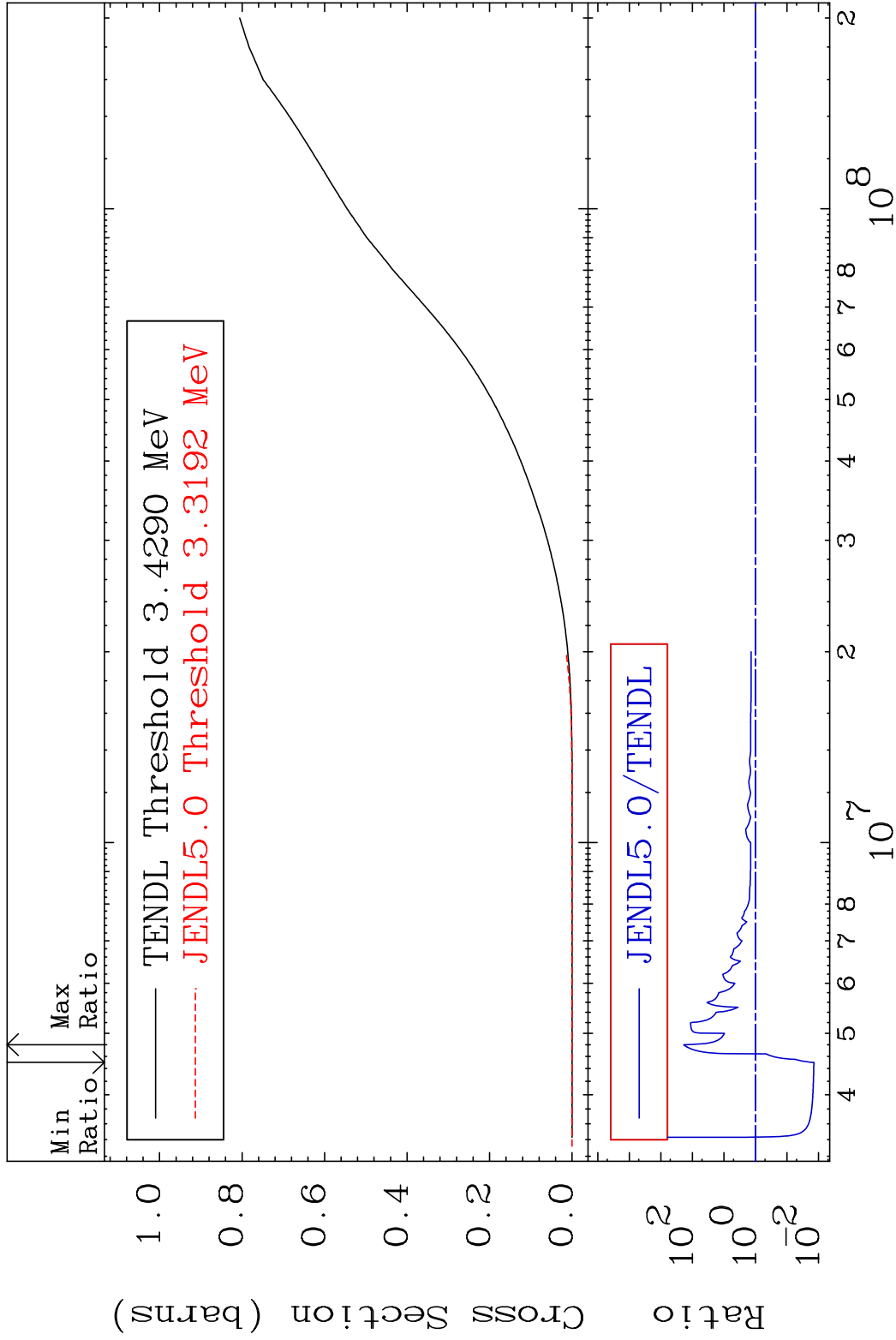
33

Incident Energy (eV)

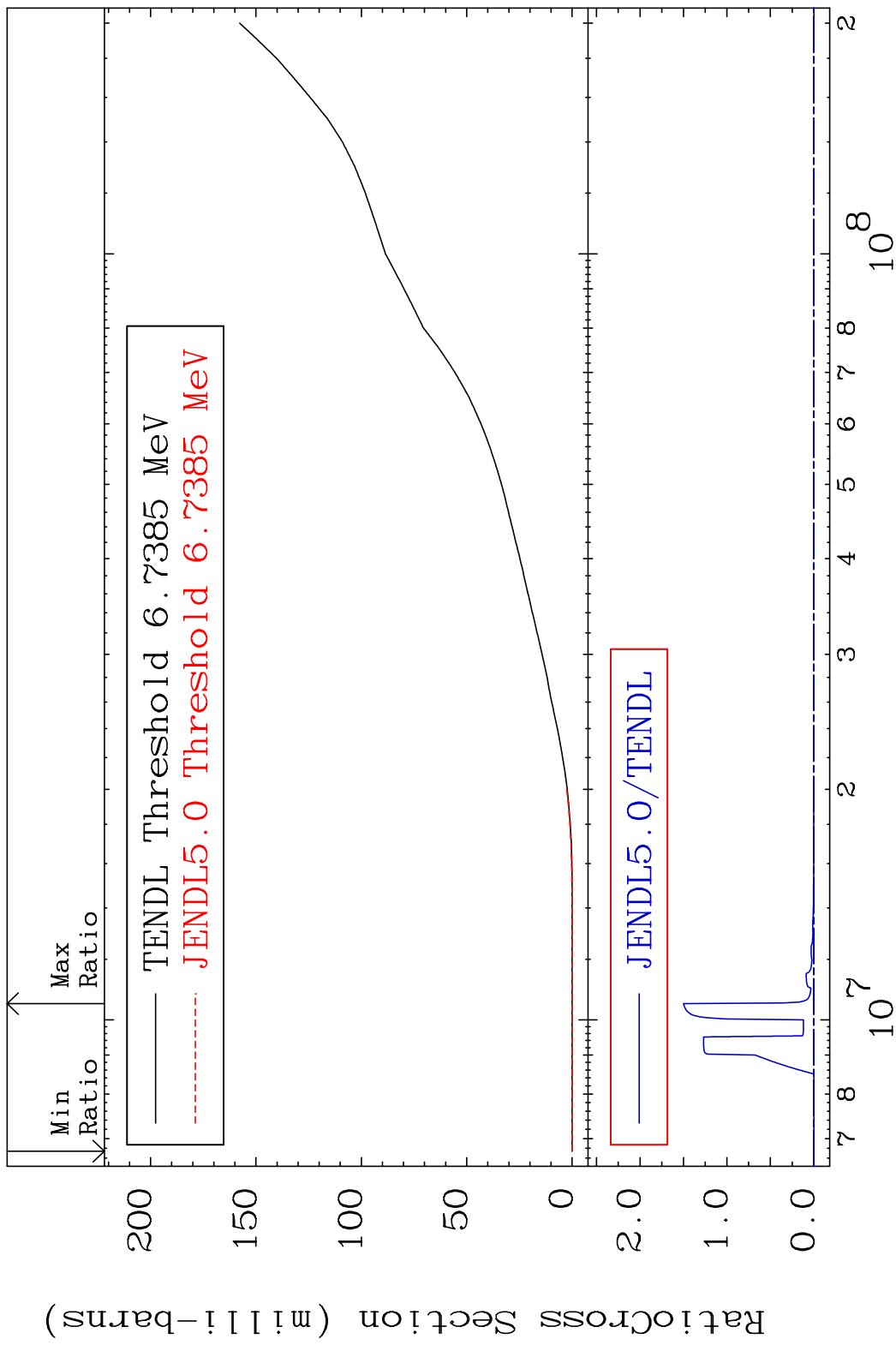
78-Pt-198

MAT 7849 (n, α) 78-Pt-198
 Cross Section 60.95 To 9999. %



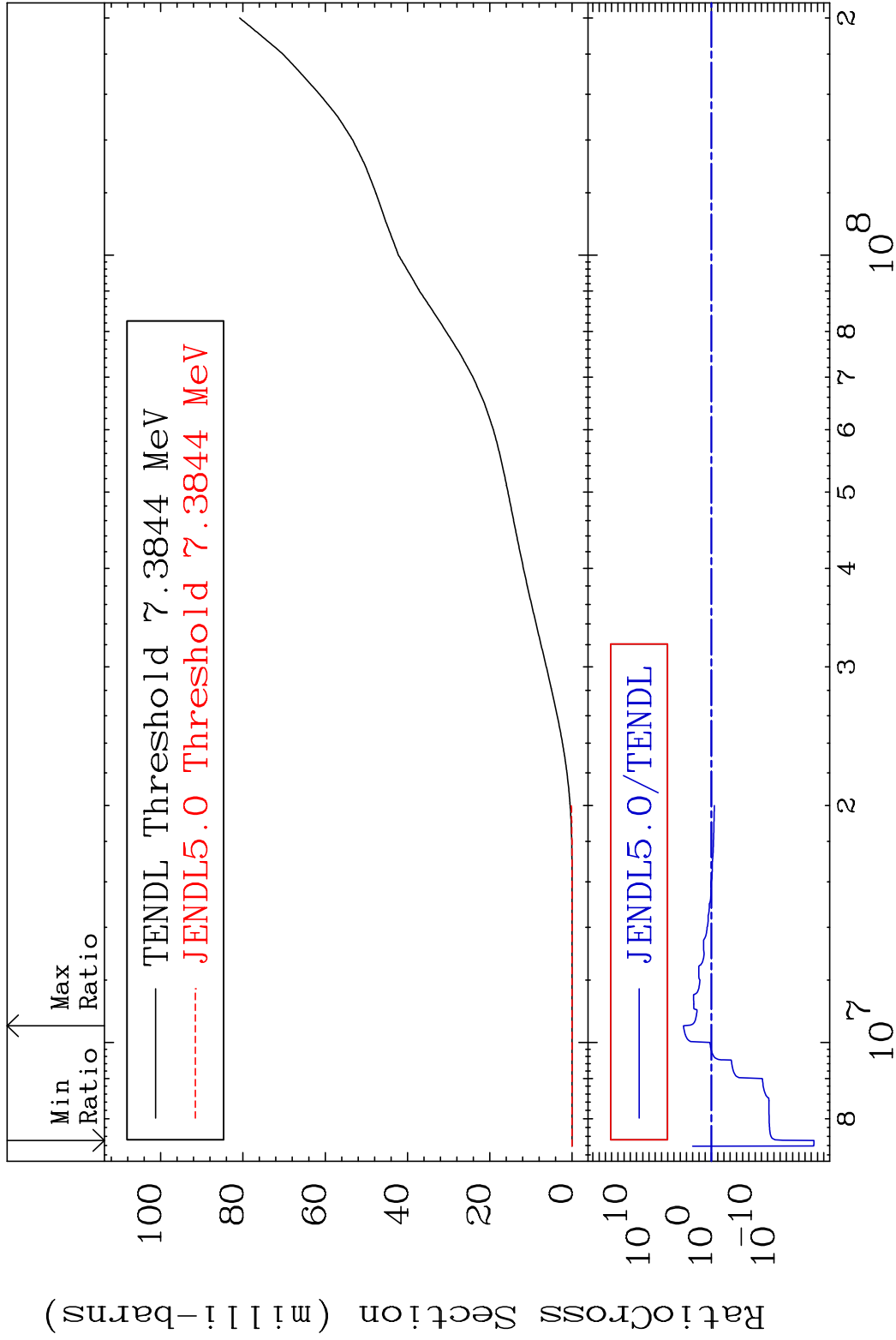


MAT 7849 Deuterium Production 78-Pt-198
 Cross Section -100.0 To 9999. %



36 Incident Energy (eV) 78-Pt-198

MAT 7849 Tritium Production 78-Pt-198
 Cross Section -100.0 To 9999. %

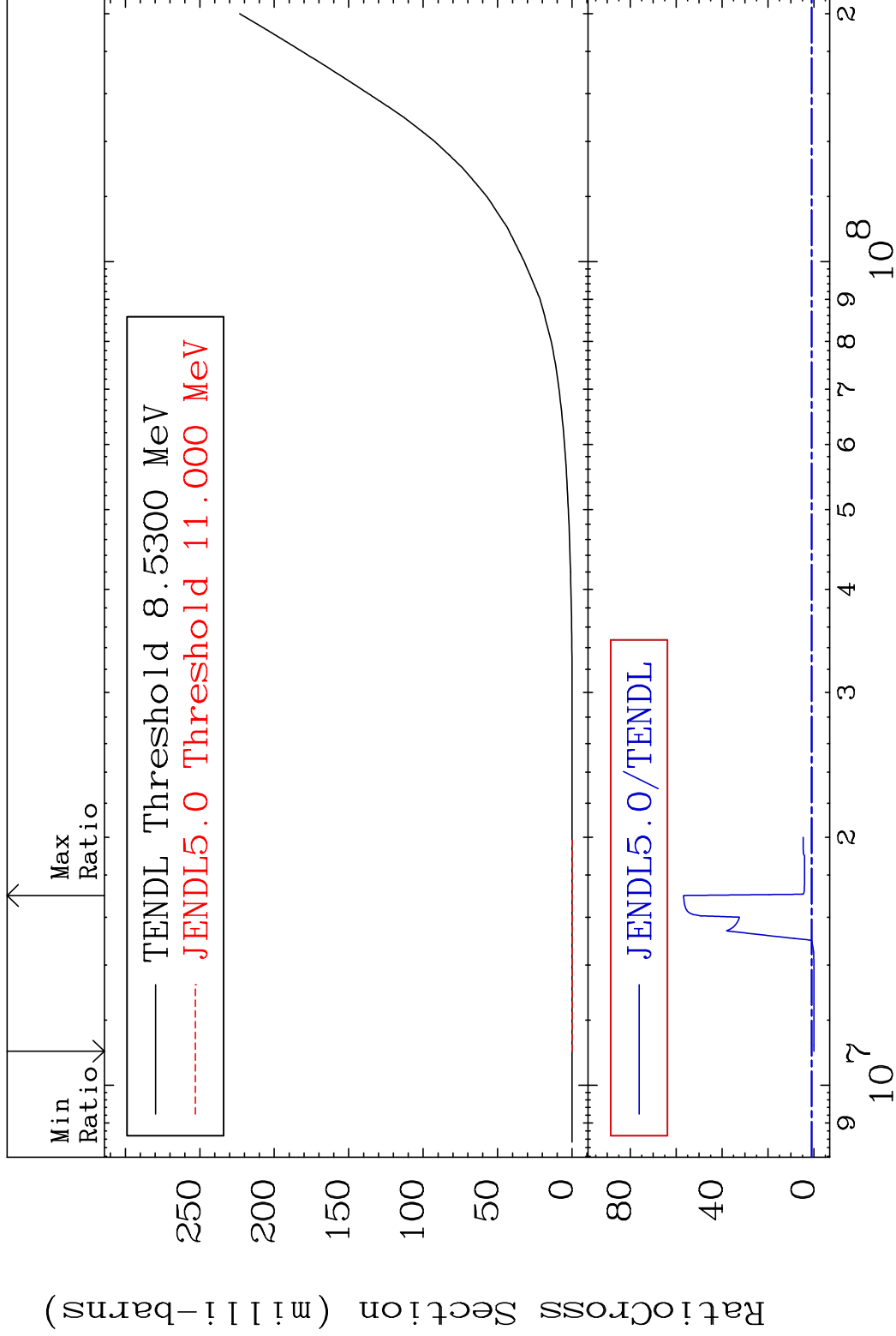


MAT 7849

He-3 Production

78-Pt-198

Cross Section -100.0 To 5581. %

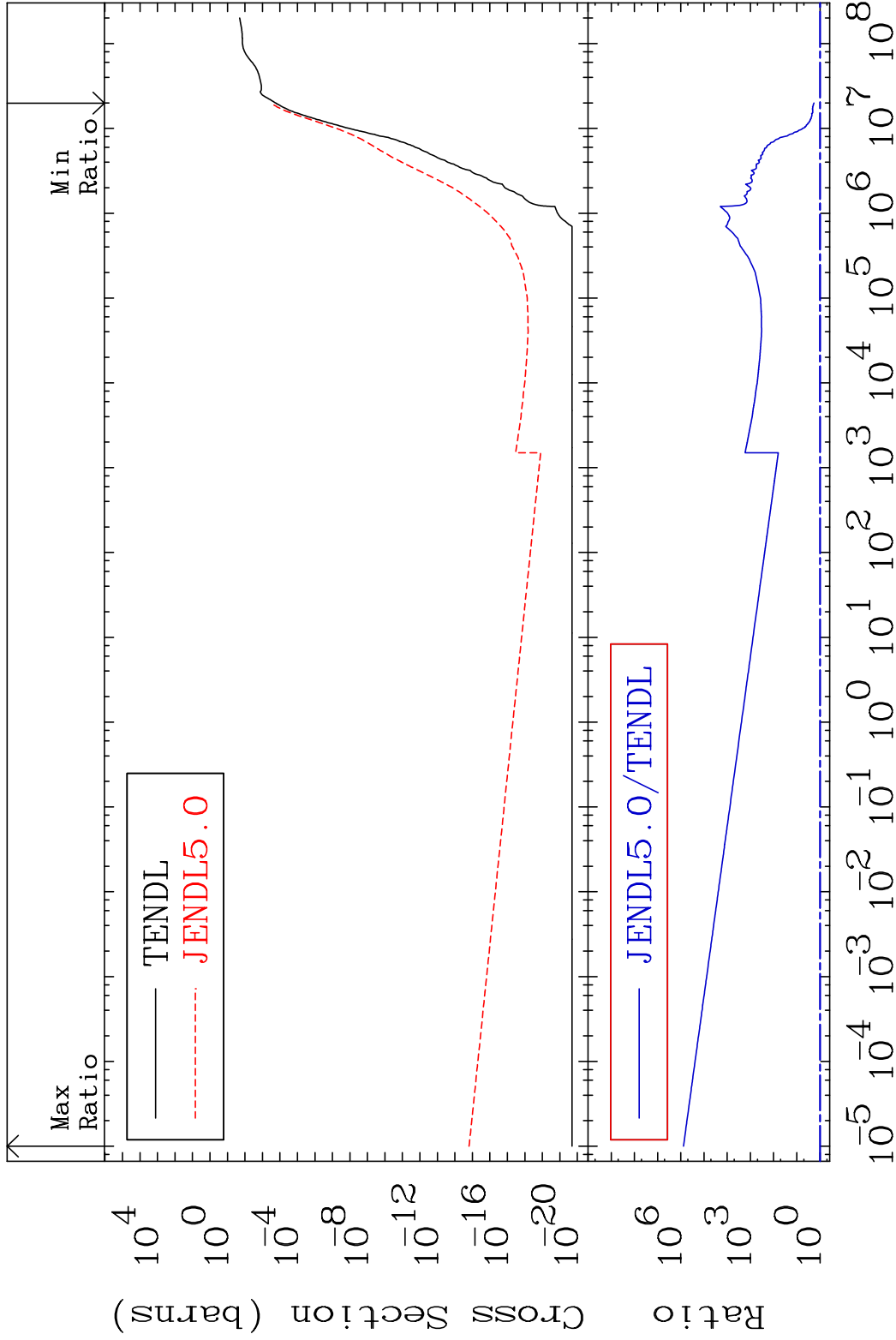


38

Incident Energy (eV)

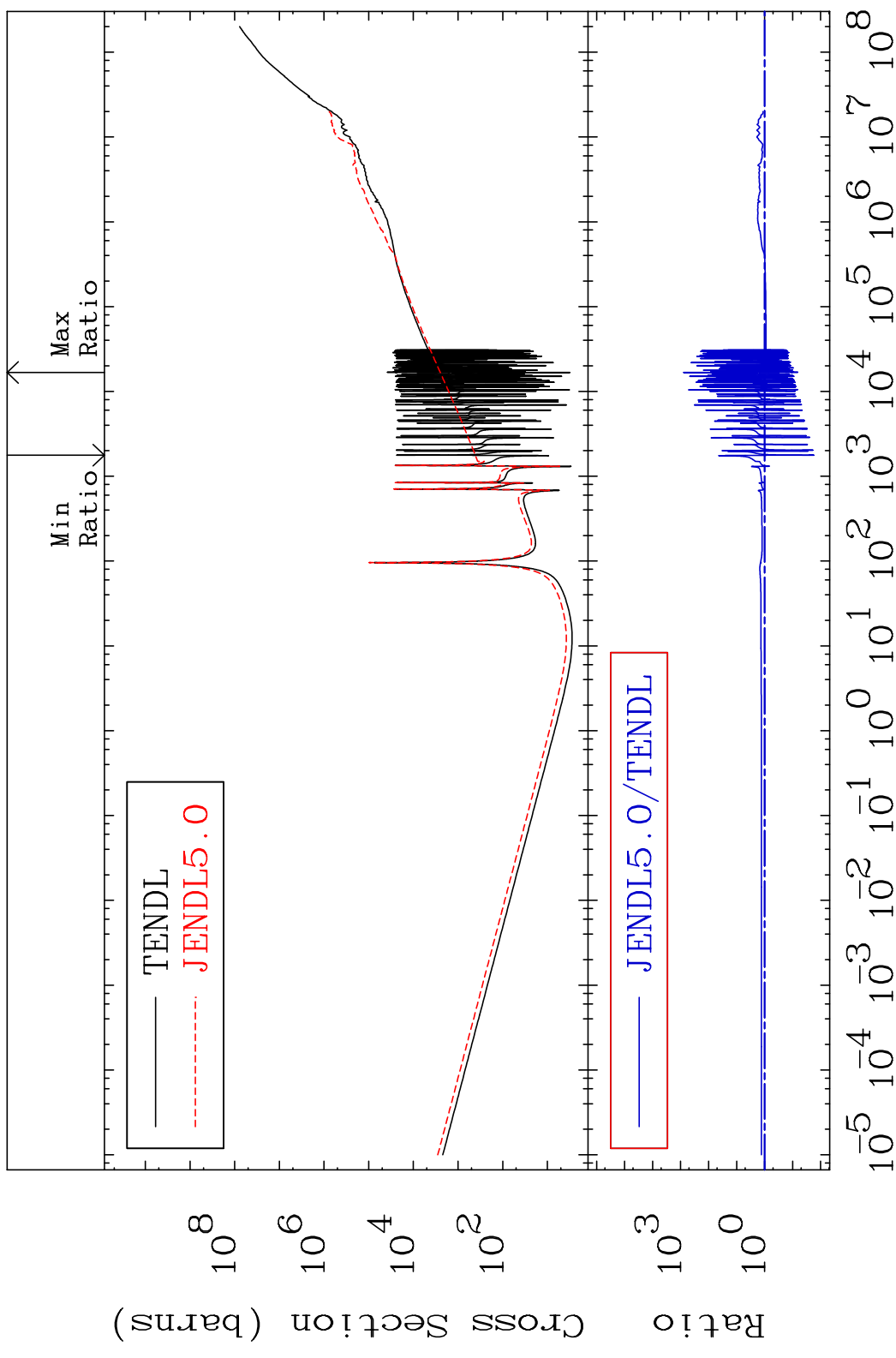
78-Pt-198

MAT 7849 He-4 Production 78-Pt-198
 Cross Section 83.57 To 9999. %



39 Incident Energy (eV) 78-Pt-198

MAT 7849 Kerma total (eV-barns) 78-Pt-198
Cross Section -98.25 To 9999. %

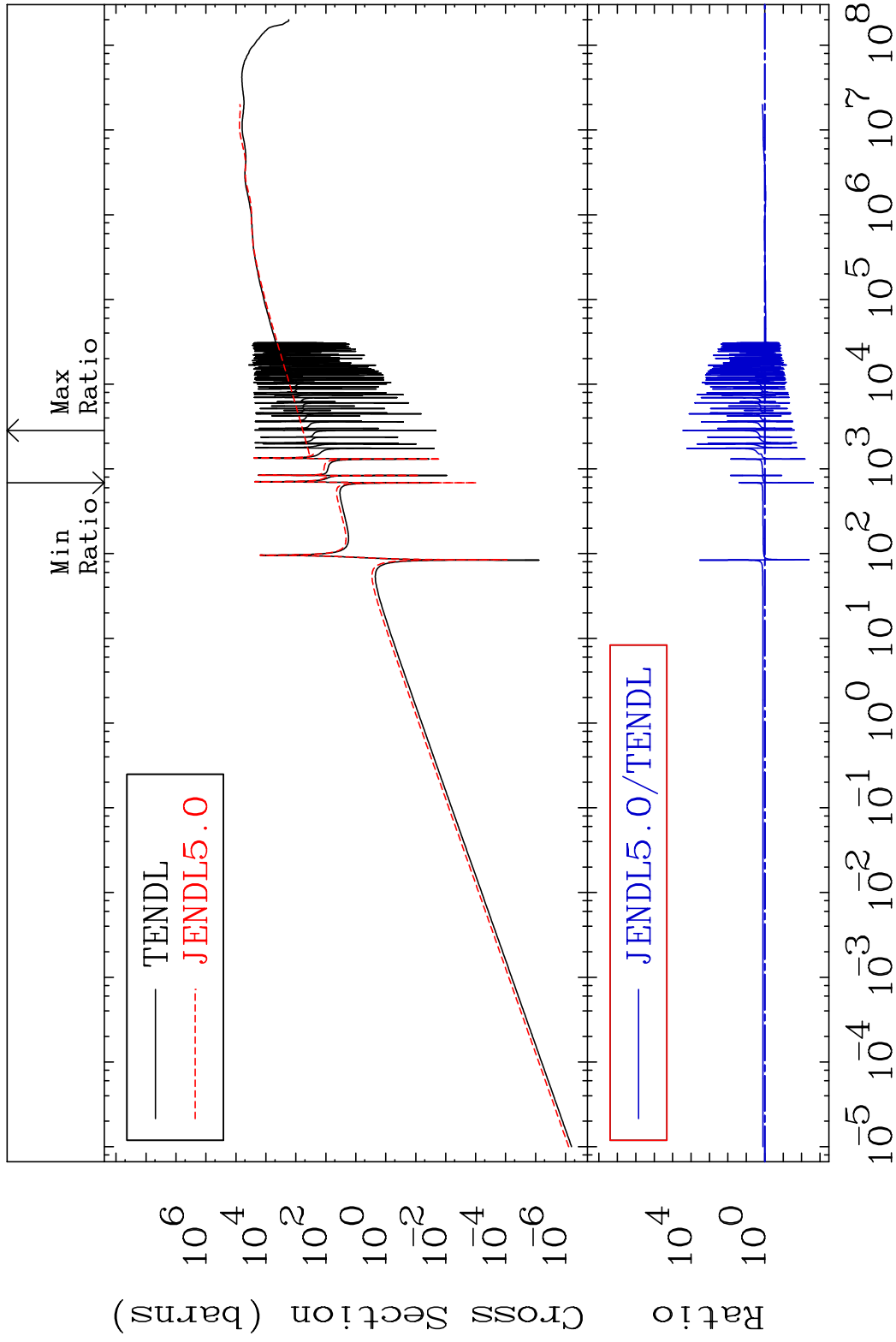


40 Incident Energy (eV) 78-Pt-198

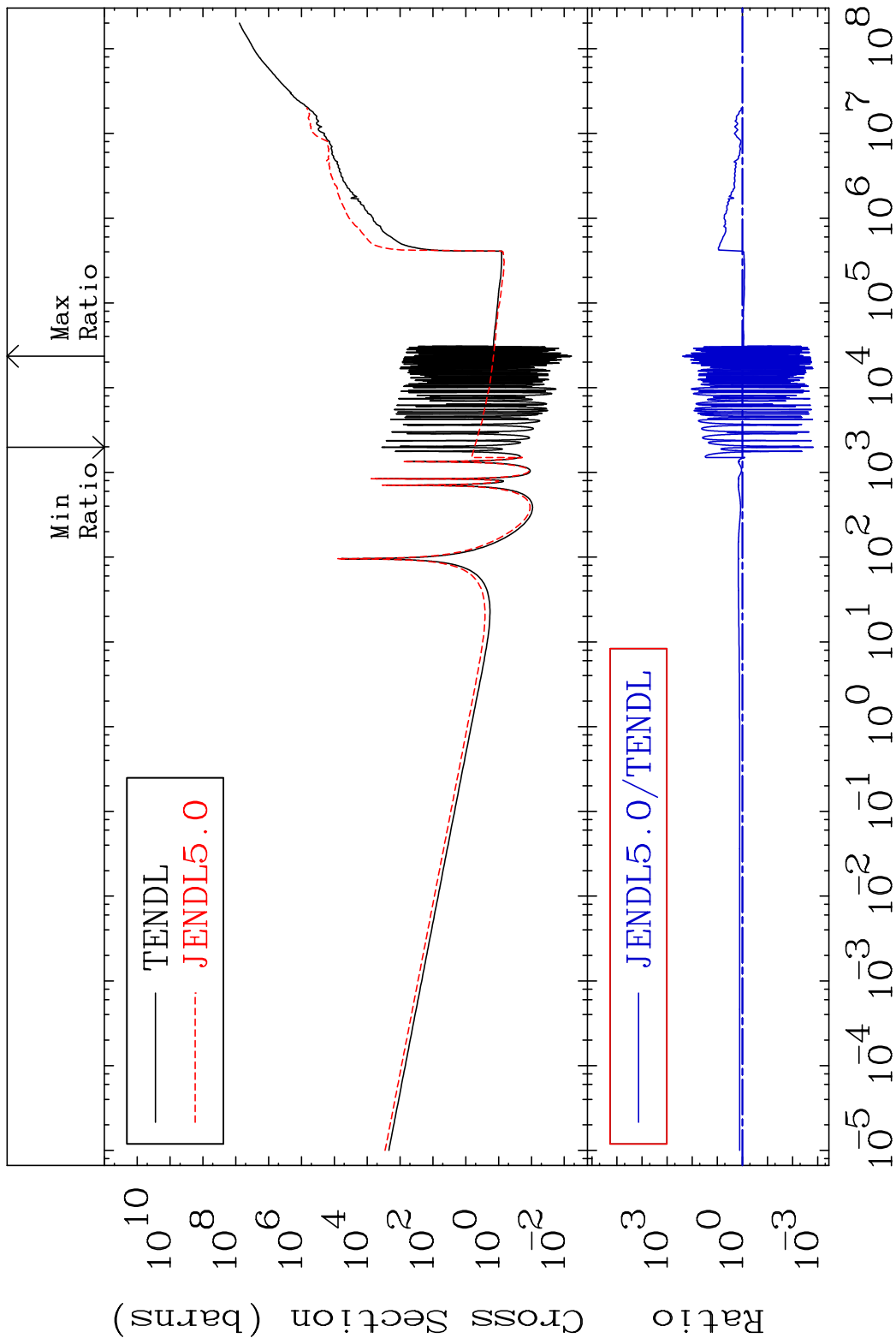
MAT 7849

Kerma elastic
Cross Section

78-Pt-198
-99.76 To 9999. %

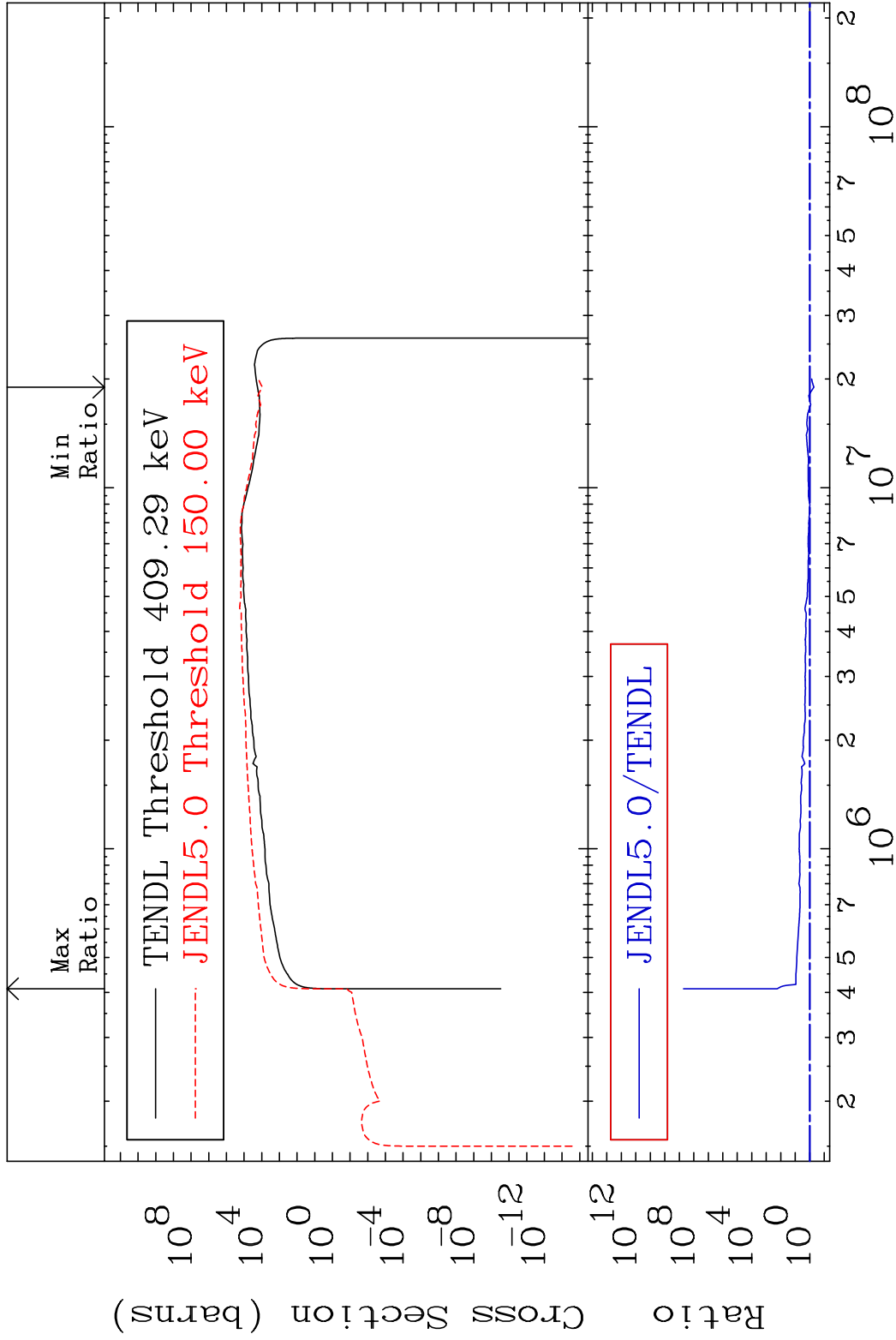


MAT 7849 Kerma non-elastic (all but mt2) 78-Pt-198
 Cross Section -99.85 To 9999. %

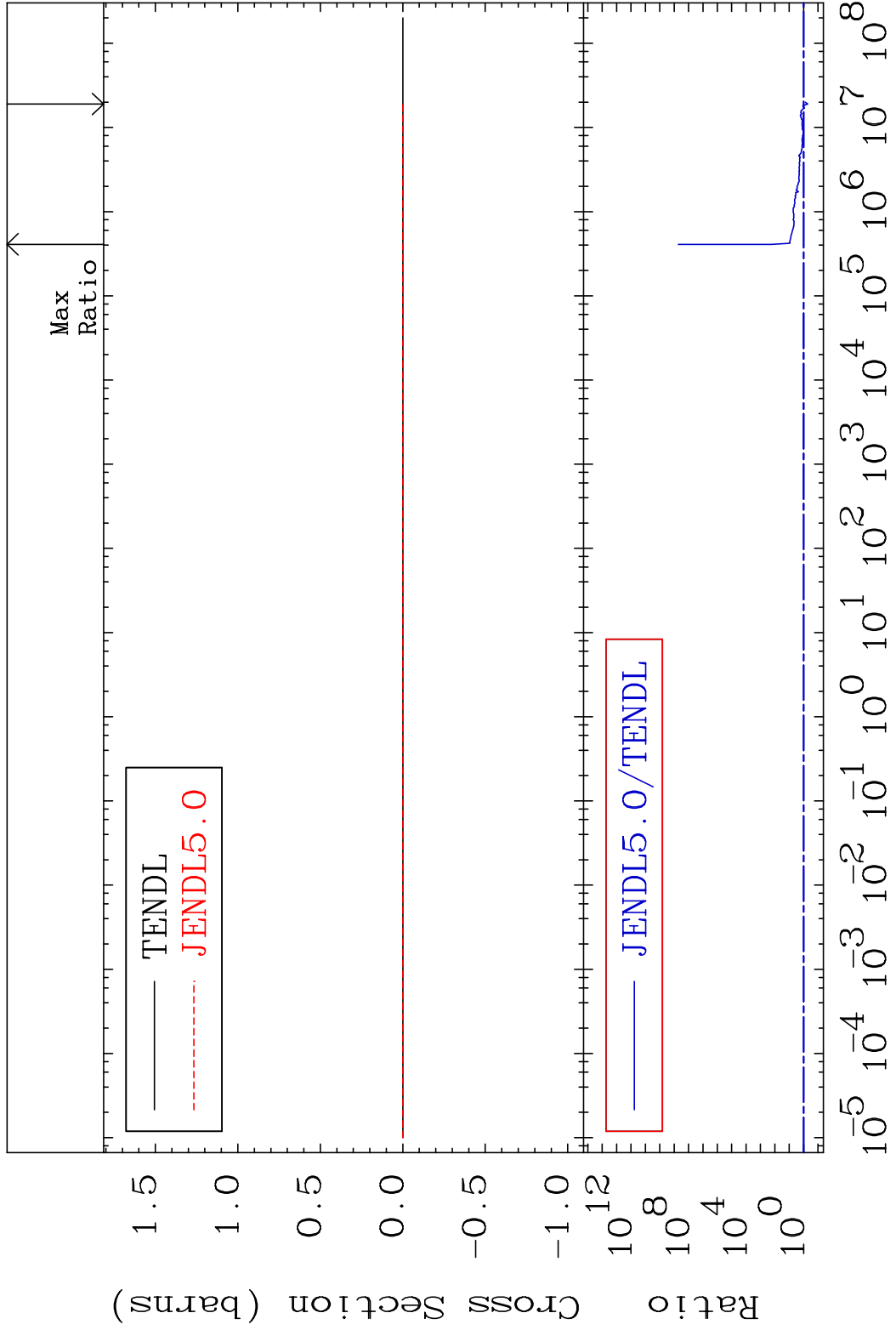


42 Incident Energy (eV) 78-Pt-198

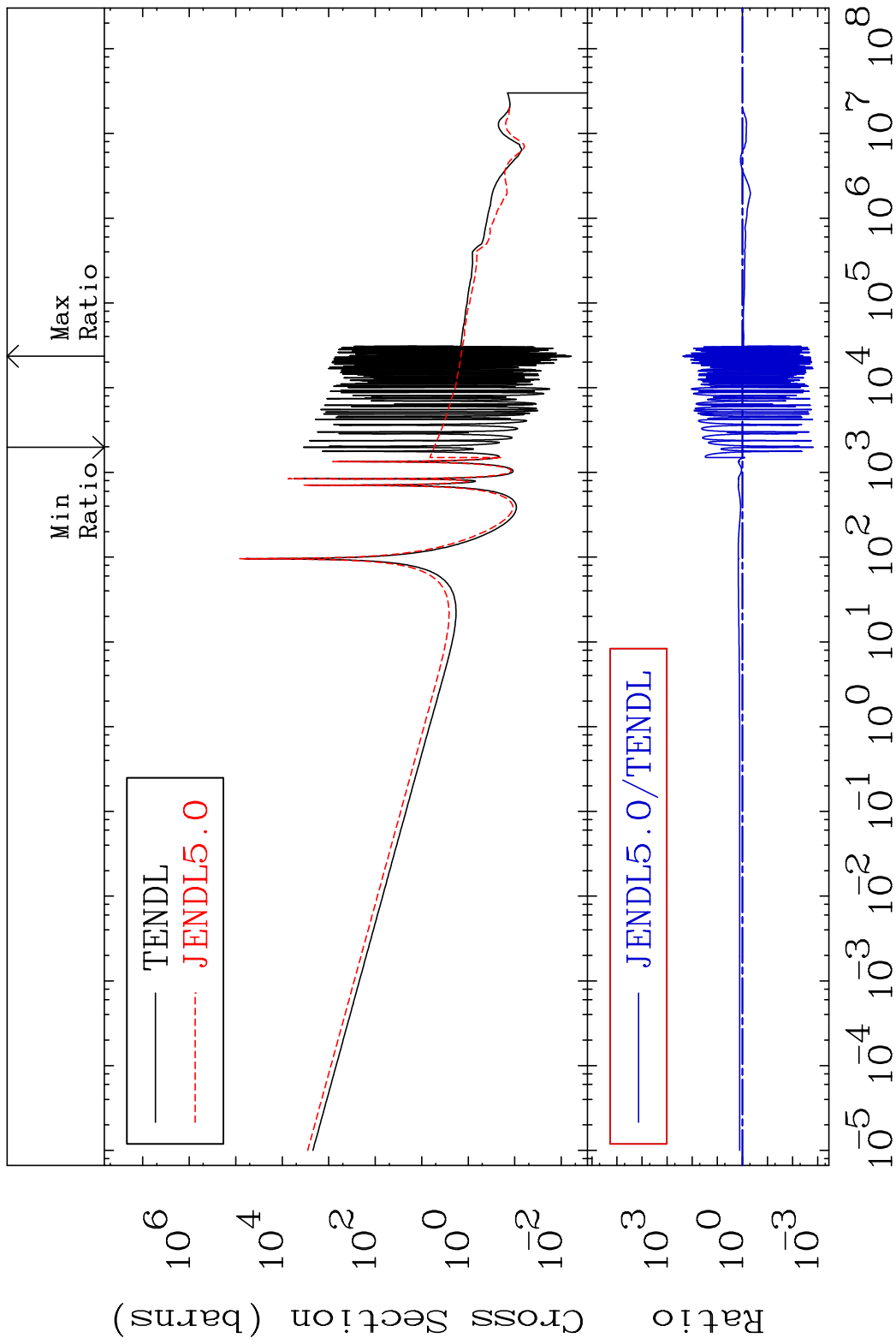
MAT 7849 Kerma inelastic (mt51-91) 78-Pt-198
 Cross Section -47.95 To 9999. %



MAT 7849 Kerma fission (mt18 or mt19-20-21-38) 78-Pt-198
 Cross Section -47.95 To 9999. %

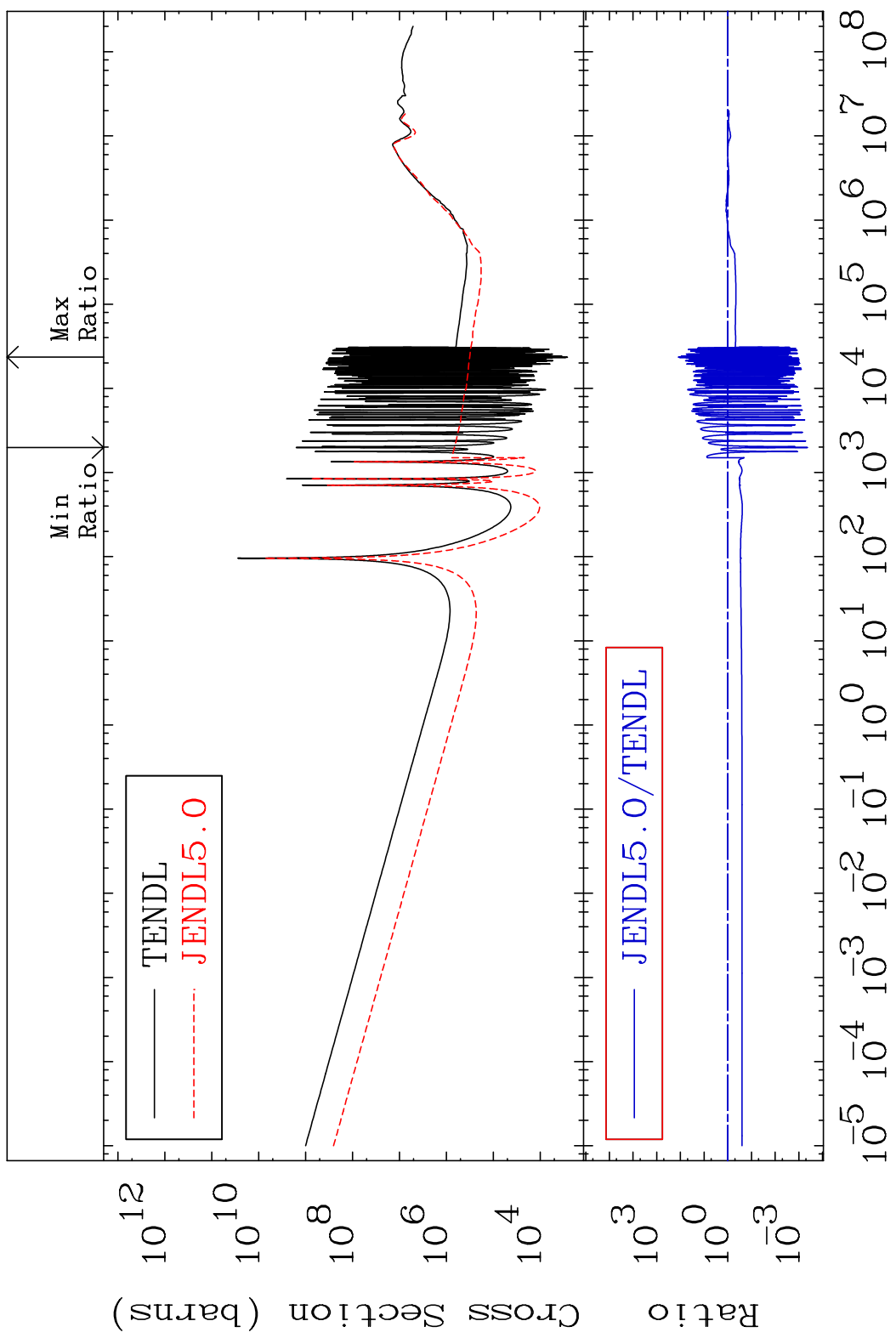


MAT 7849 Kerma capture (mt102) 78-Pt-198
 Cross Section -99.85 To 9999. %



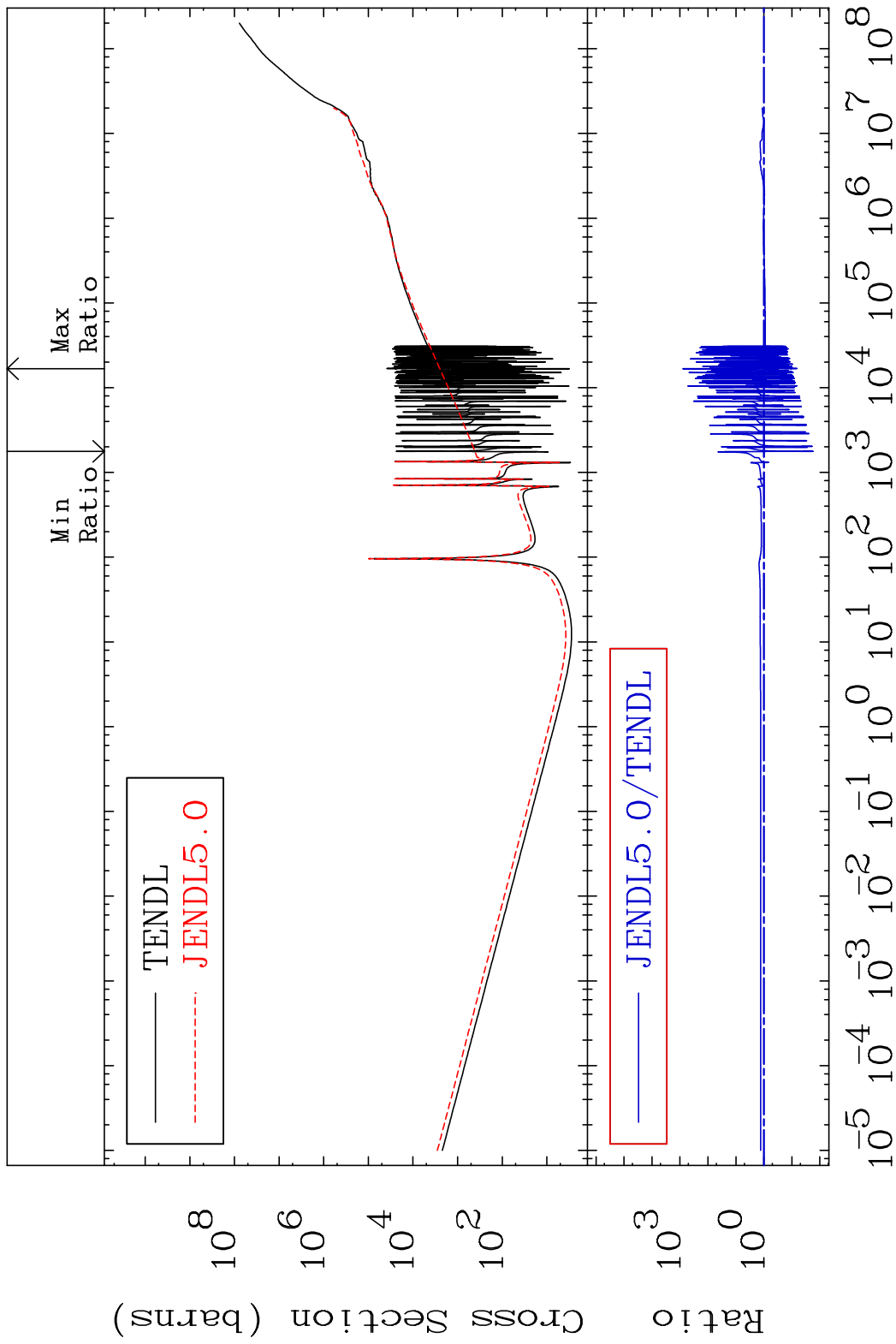
45 Incident Energy (eV) 78-Pt-198

MAT 7849 Total photon (eV-barns) 78-Pt-198
 Cross Section -99.96 To 9999. %



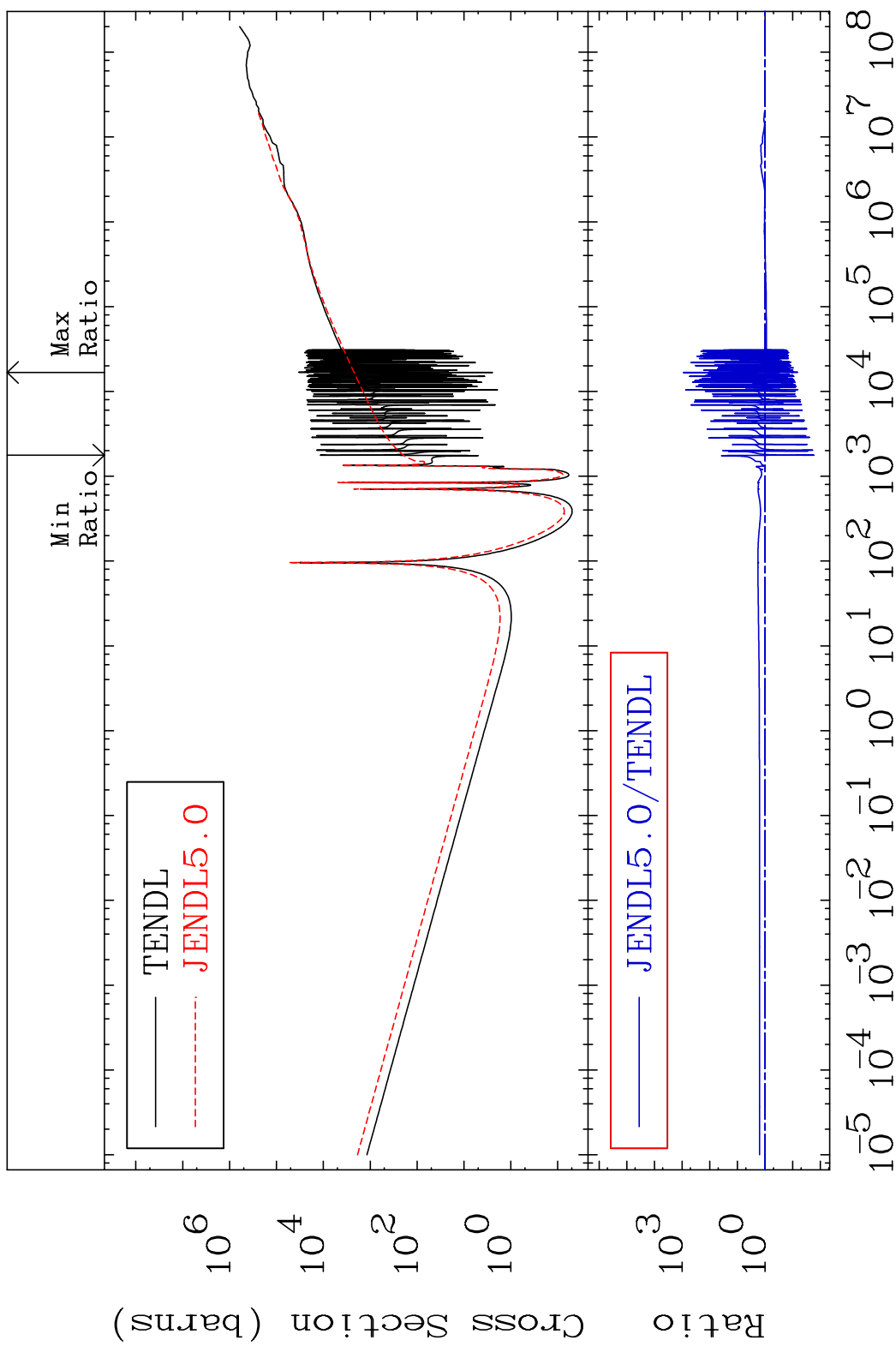
46 Incident Energy (eV) 78-Pt-198

MAT 7849 Total kinematic kerma (high limit) 78-Pt-198
 Cross Section -98.25 To 9999. %



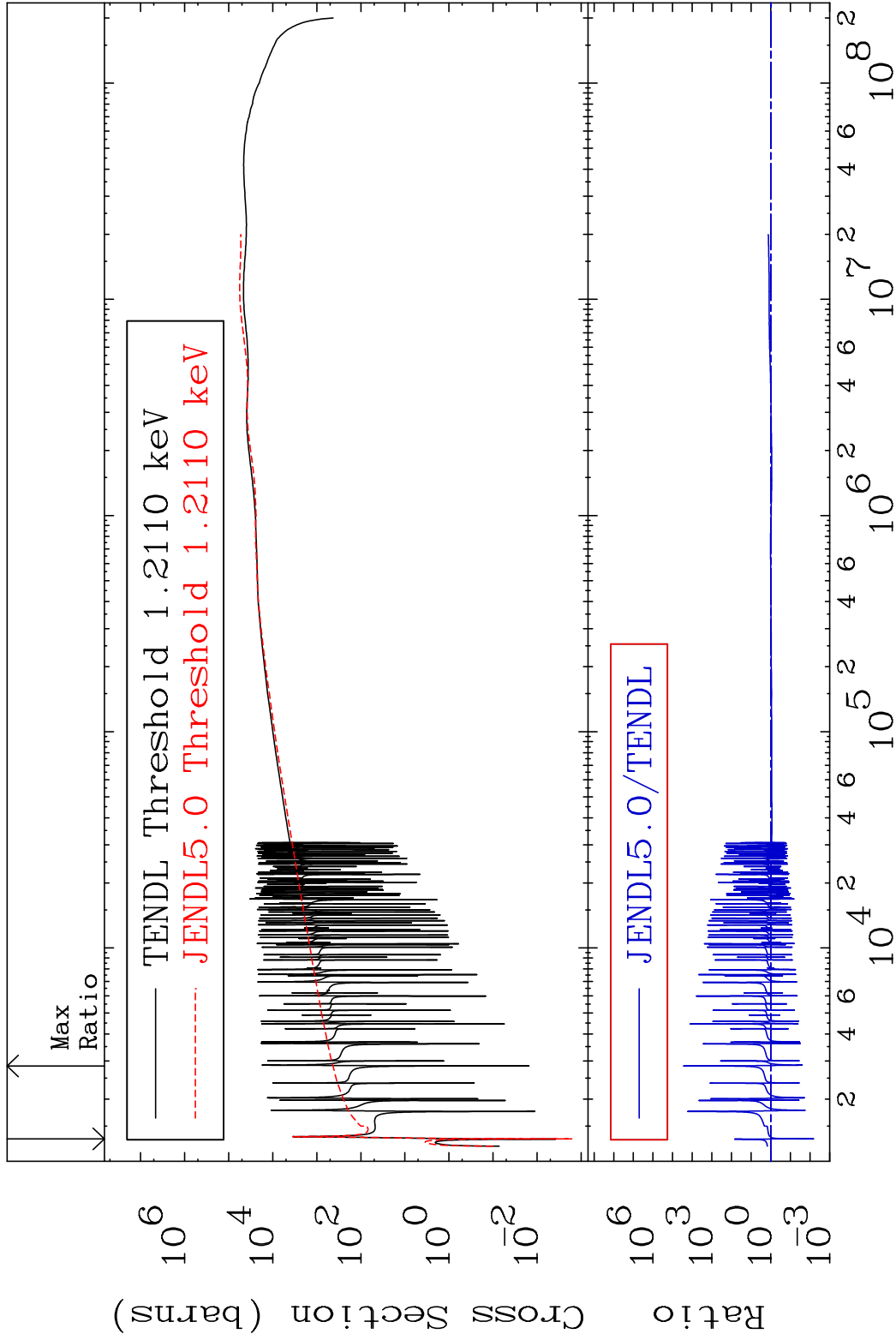
47 Incident Energy (eV) 78-Pt-198

MAT 7849 Dpa total (eV-barns) 78-Pt-198
 Cross Section -98.28 To 9999. %

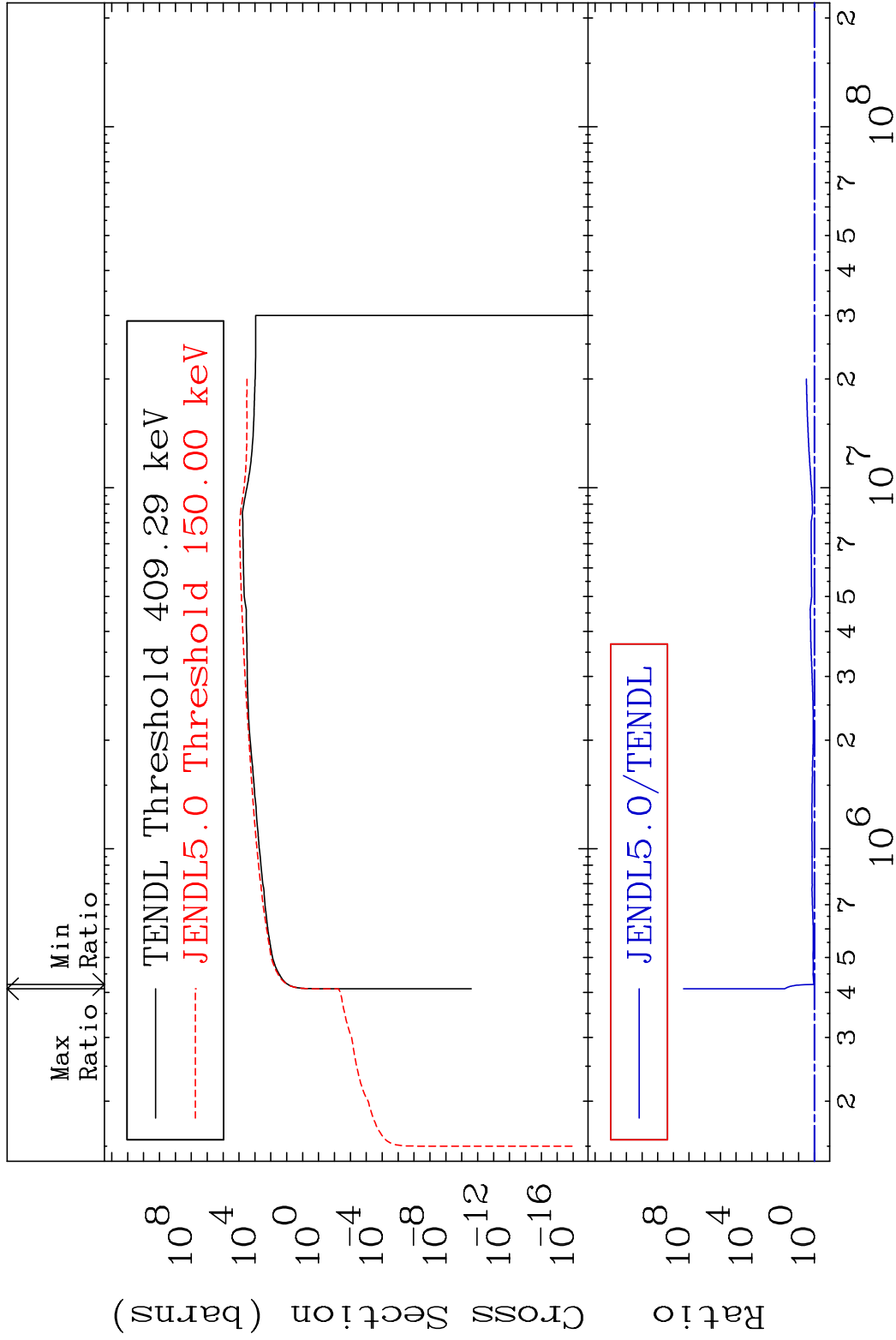


48 Incident Energy (eV) 78-Pt-198

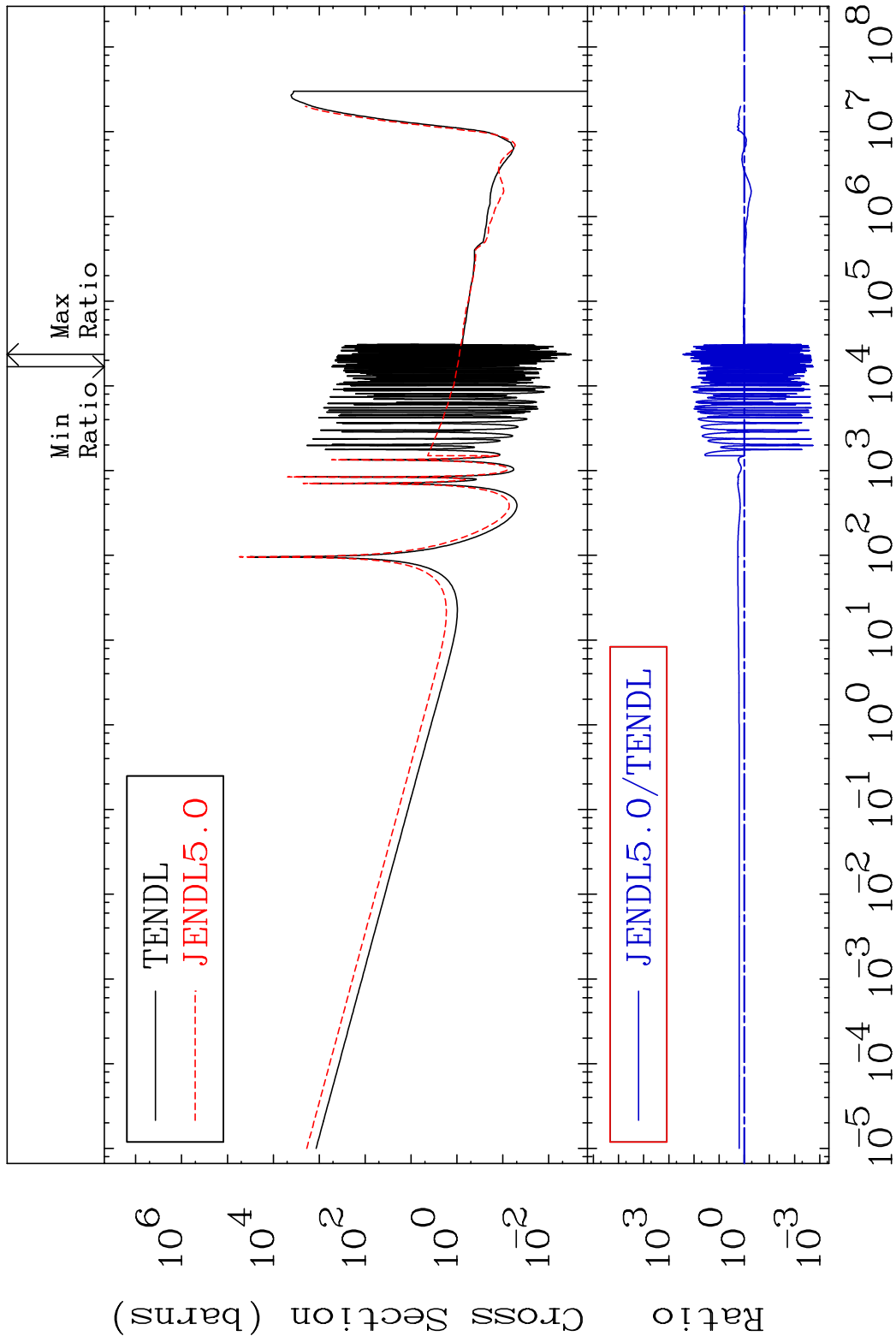
MAT 7849 Dpa elastic (mt2) 78-Pt-198
 Cross Section -99.36 To 9999. %



MAT 7849 Dpa inelastic (mt51-91) 78-Pt-198
 Cross Section 7.150 To 9999. %

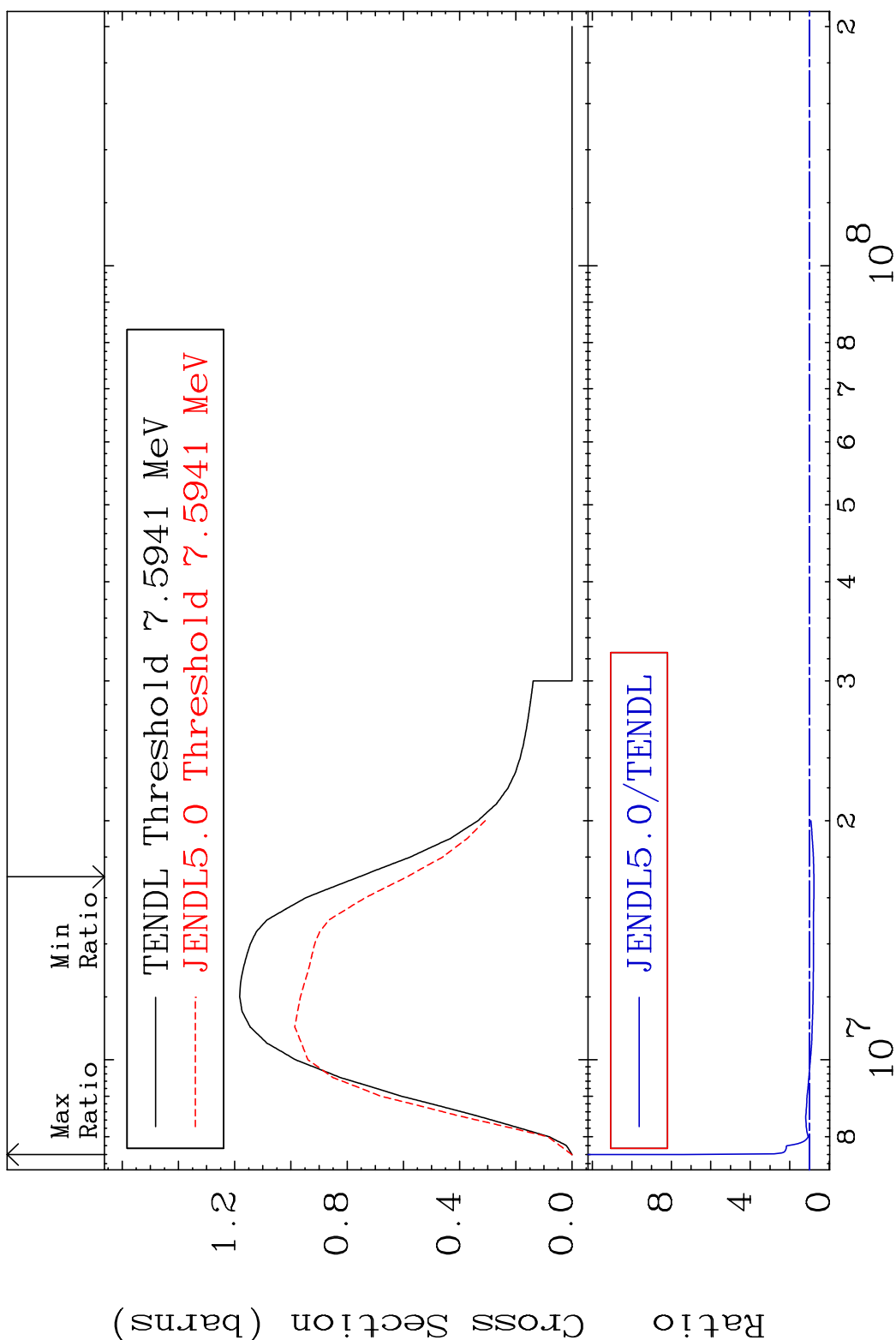


MAT 7849 Dpa disappearance (mt102 -120) 78-Pt-198
 Cross Section -99.82 To 9999. %

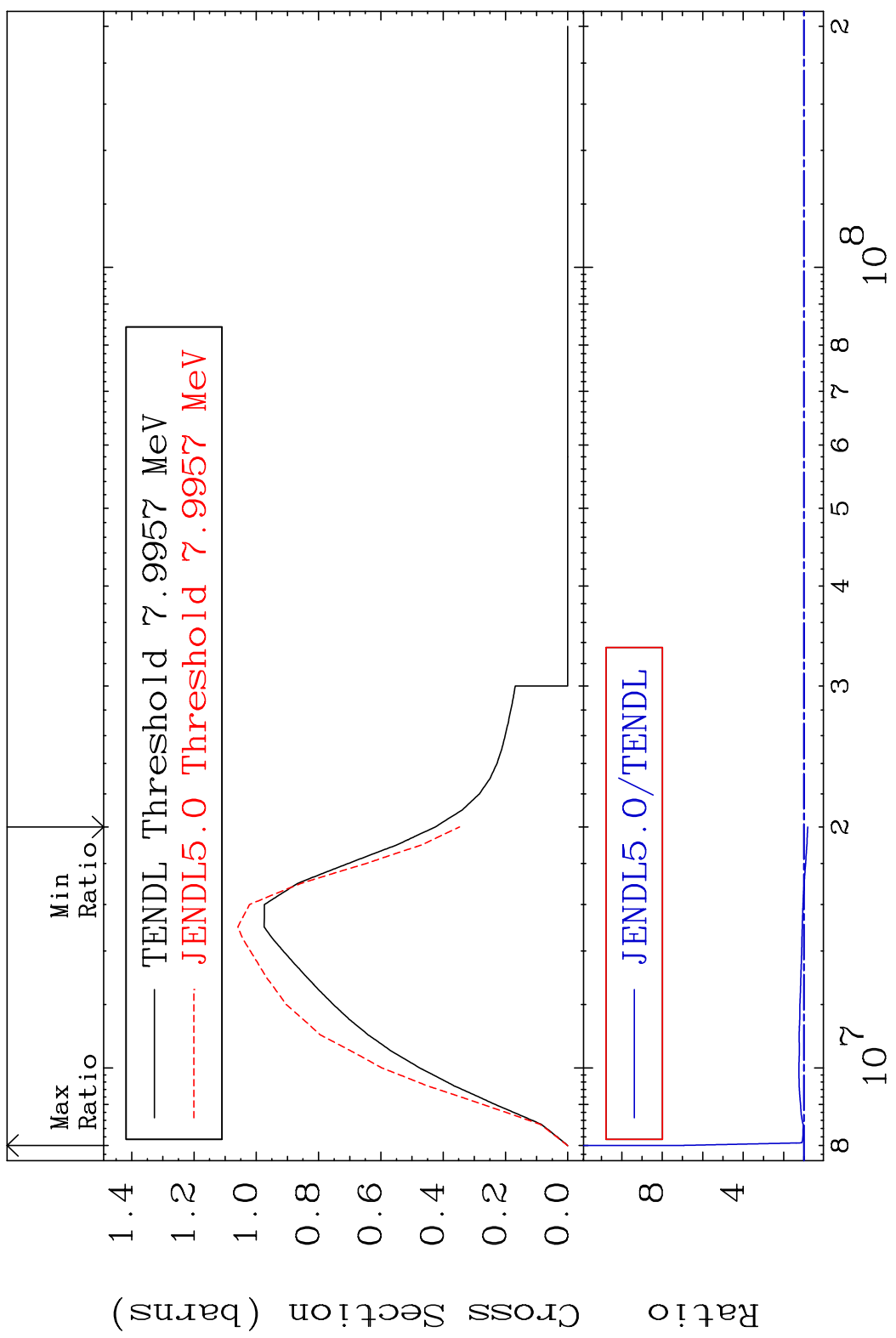


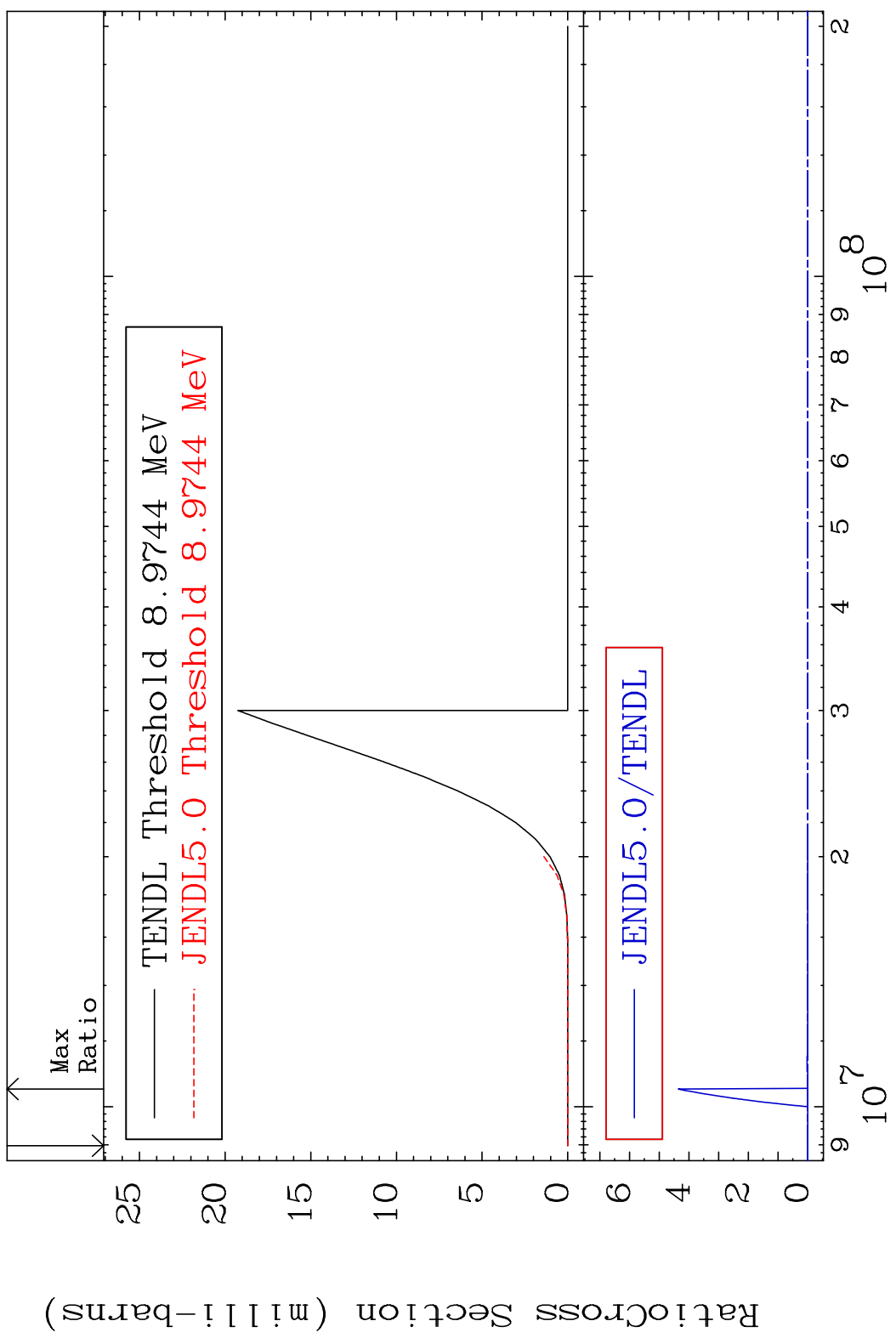
51 Incident Energy (eV) 78-Pt-198

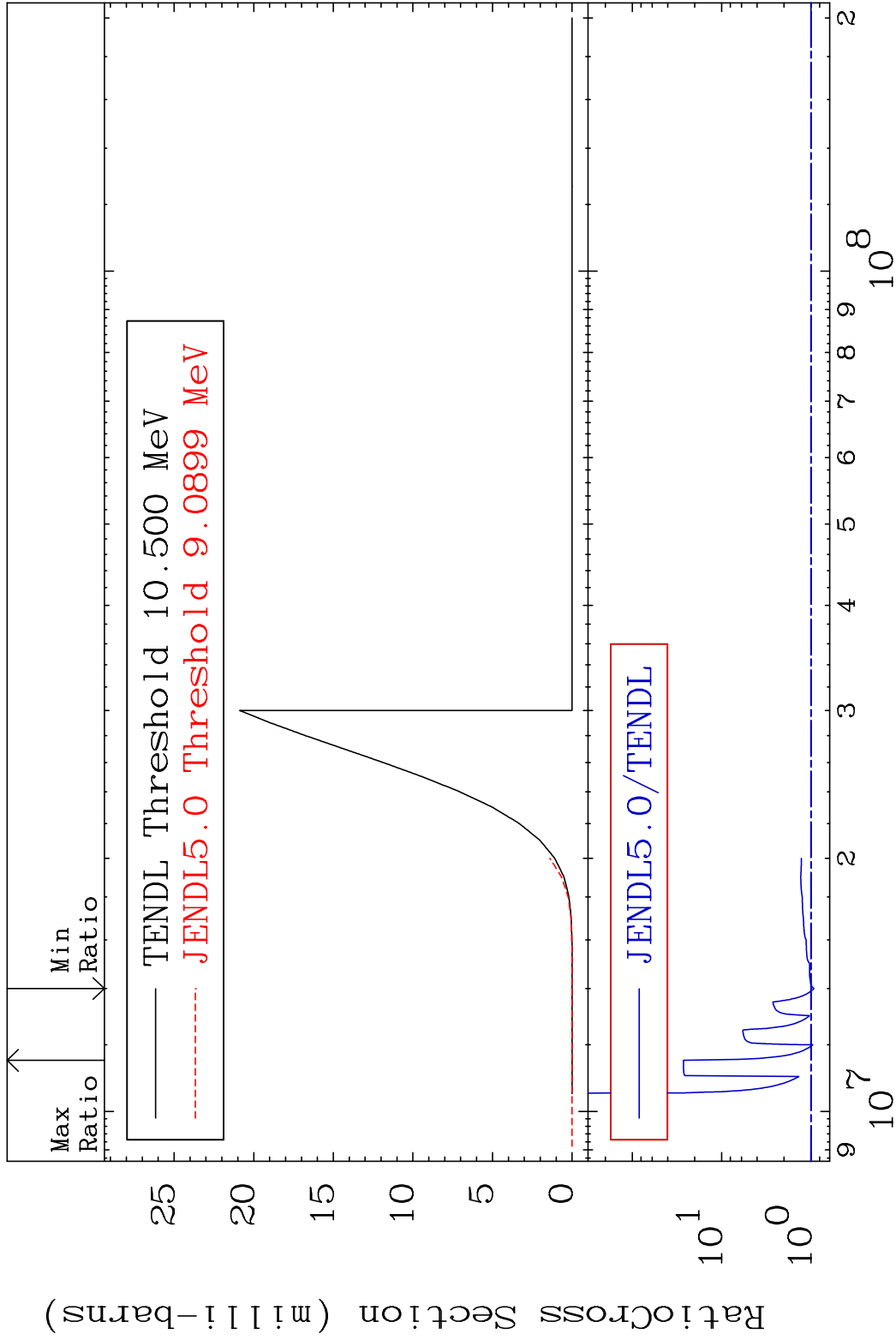
MAT 7849 (n,2n): 78-Pt-197g 78-Pt-198
 Radionuclide Production Cross Section 638.3 %

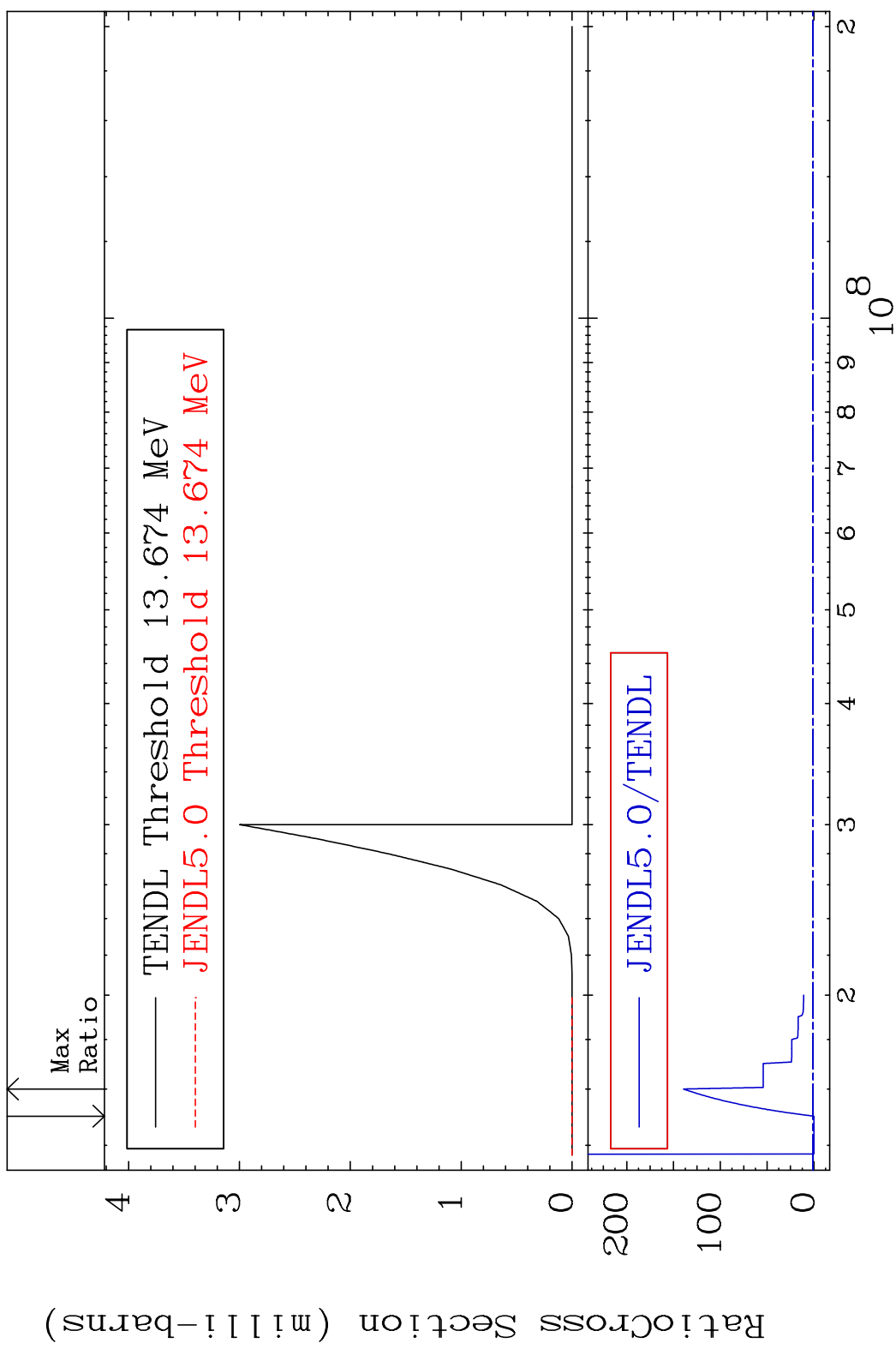


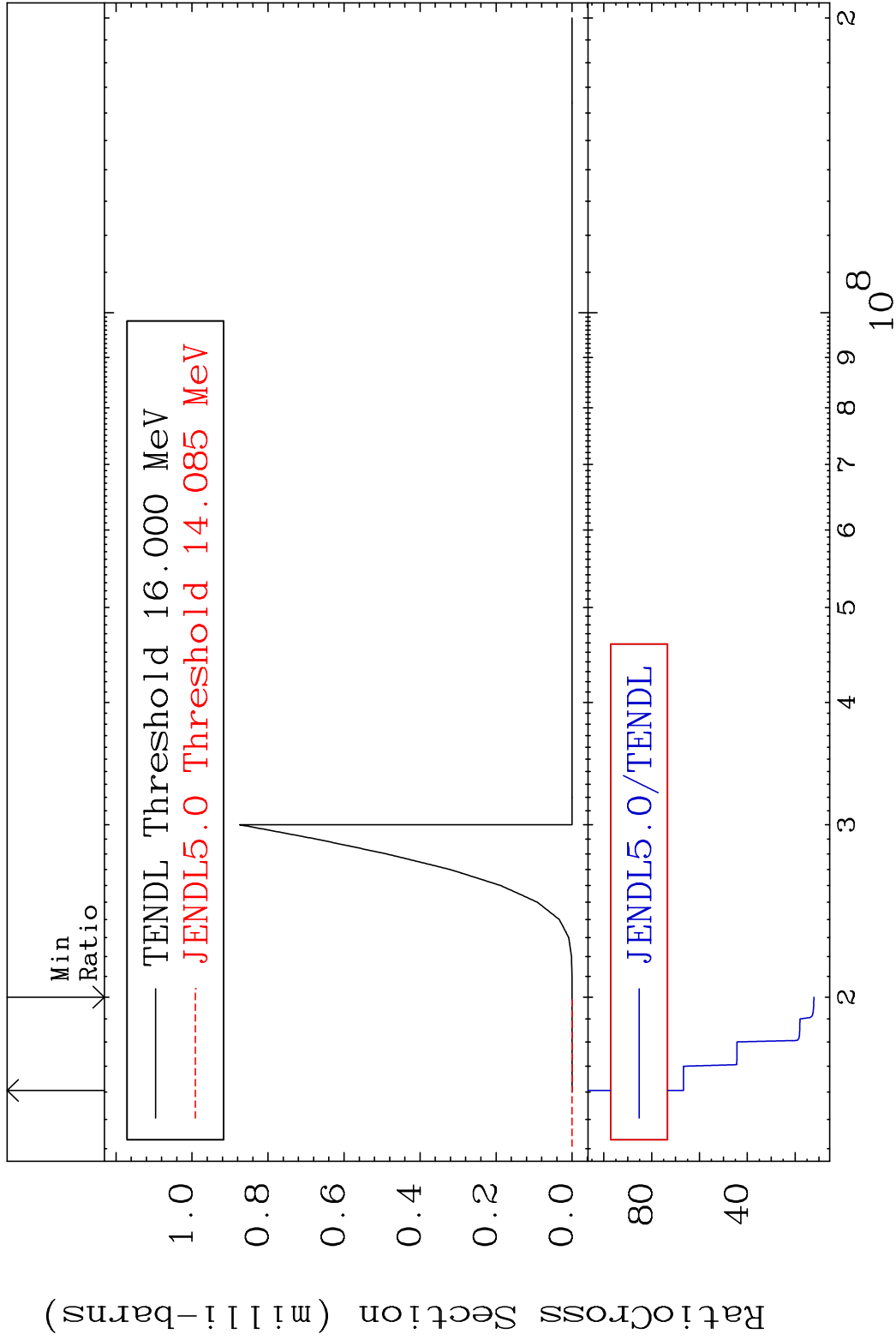
MAT 7849 (n, 2n): 78-Pt-197m9 78-Pt-198
 Radionuclide Production Cross Section 186.841 dpo 620.9 %

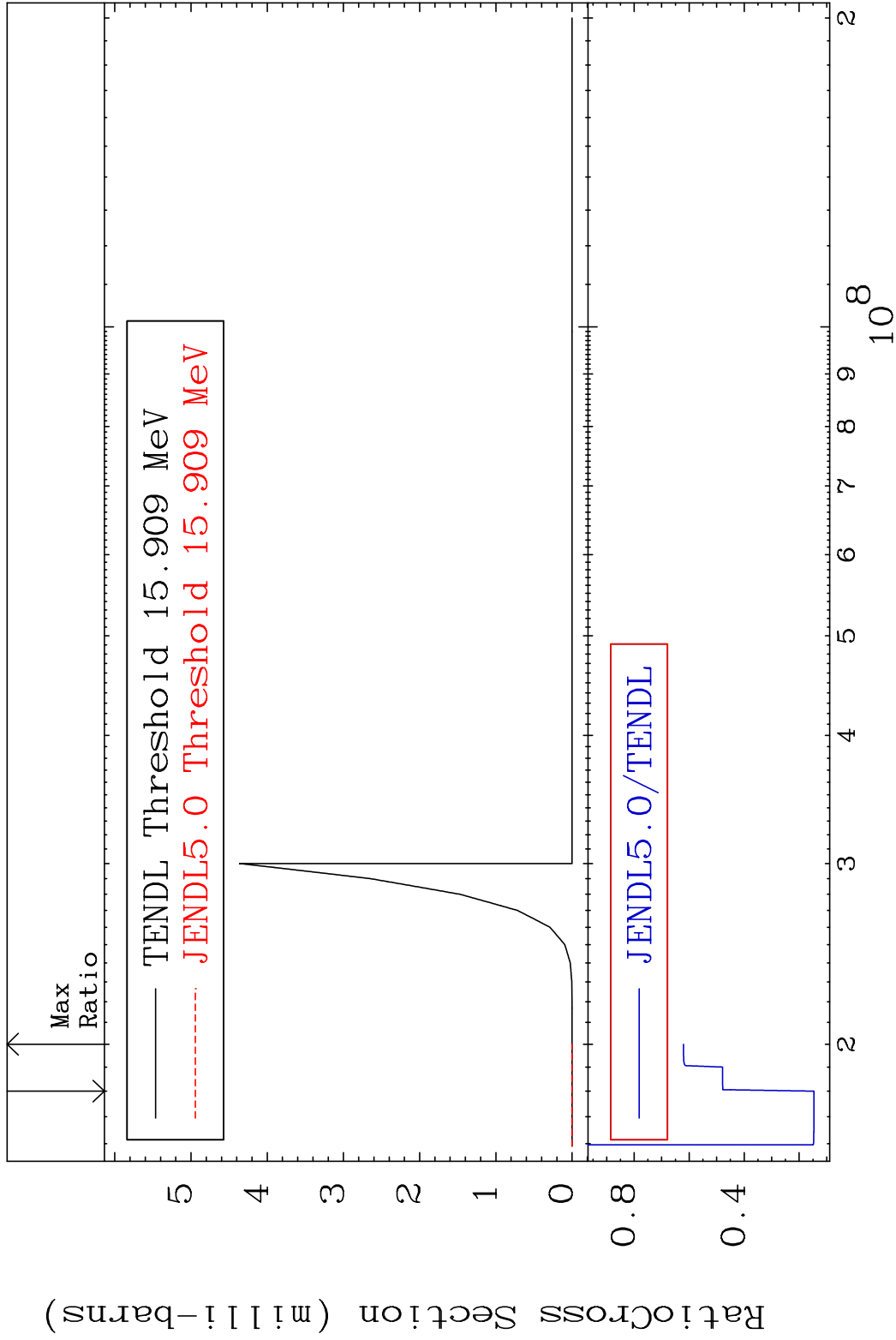


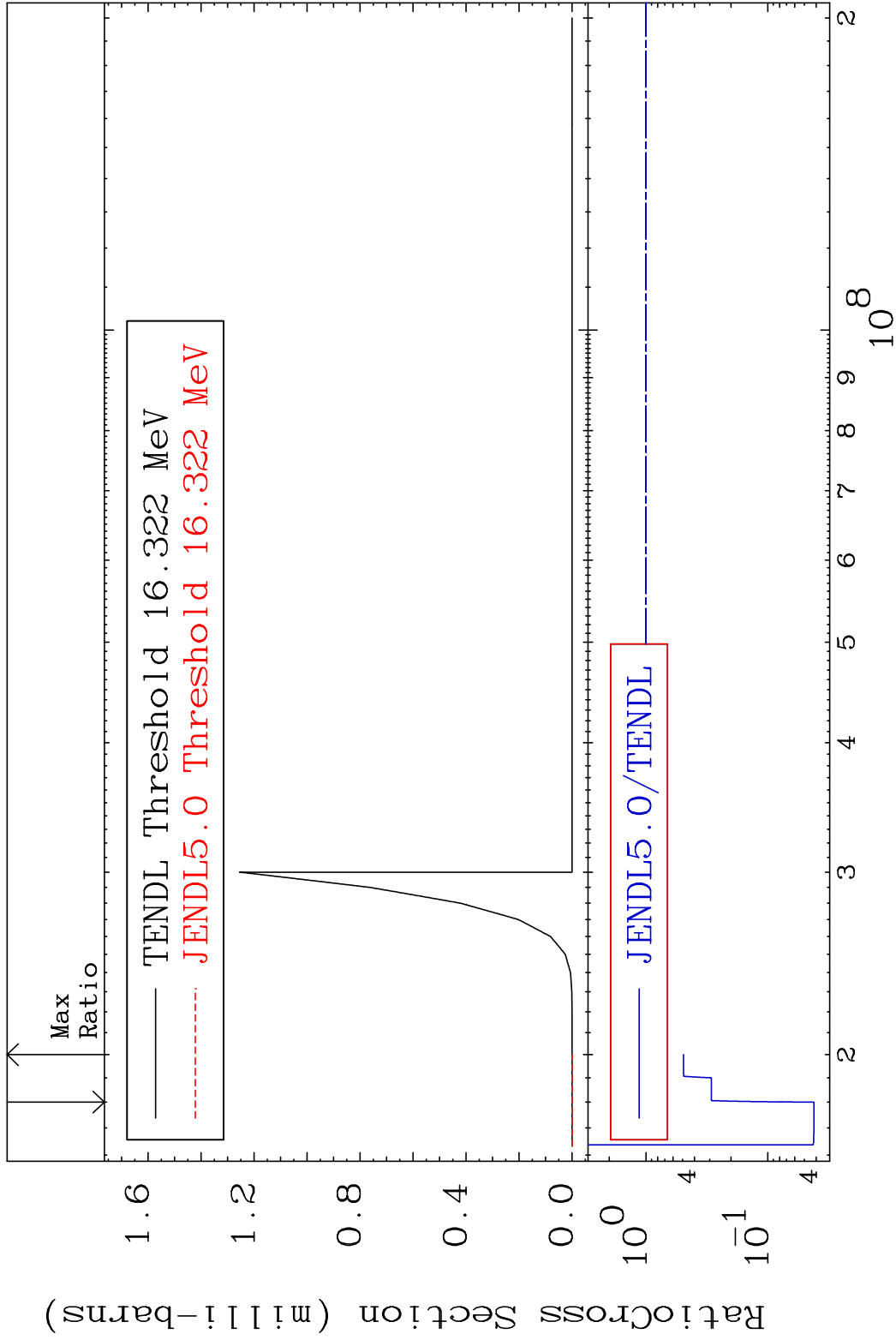




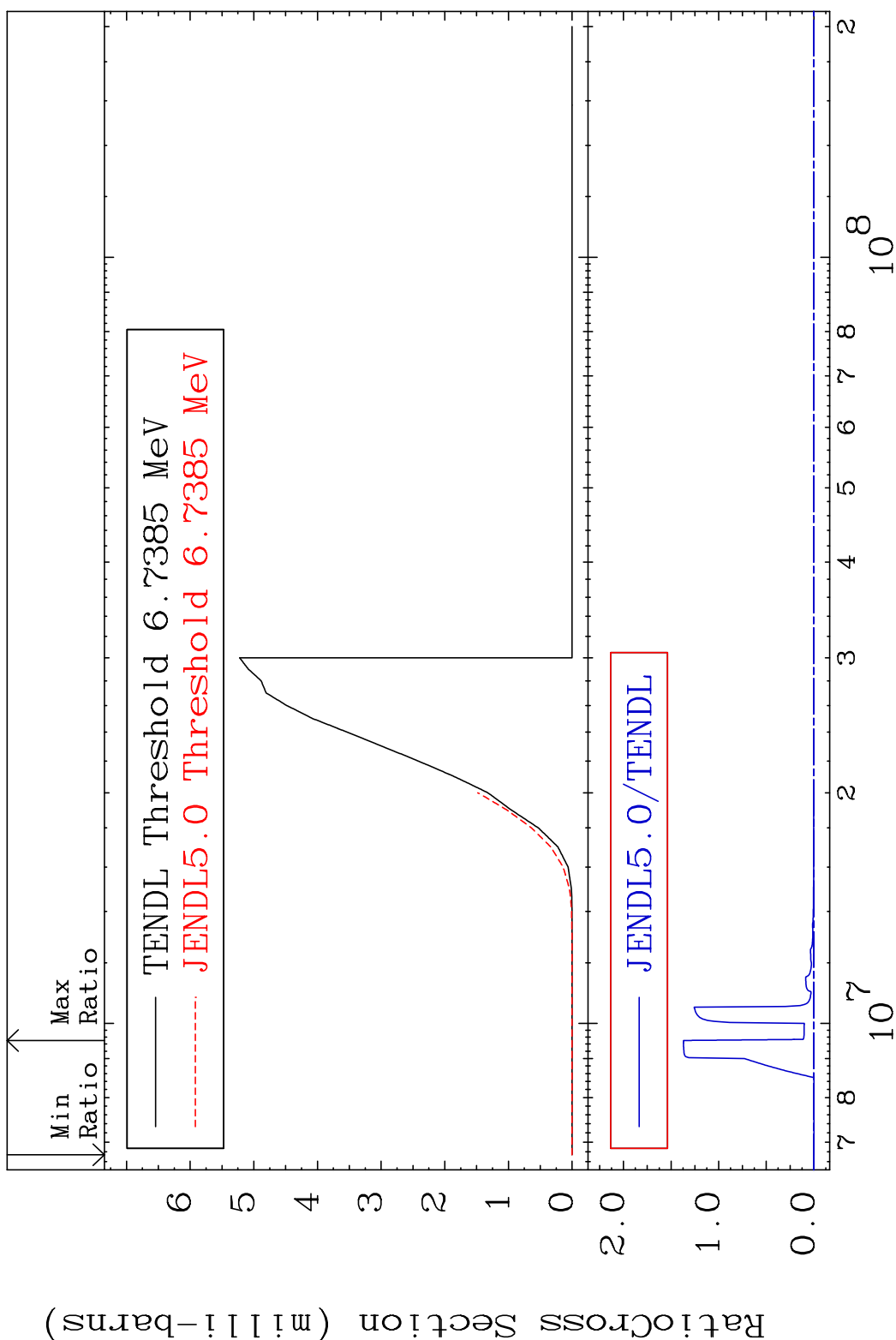






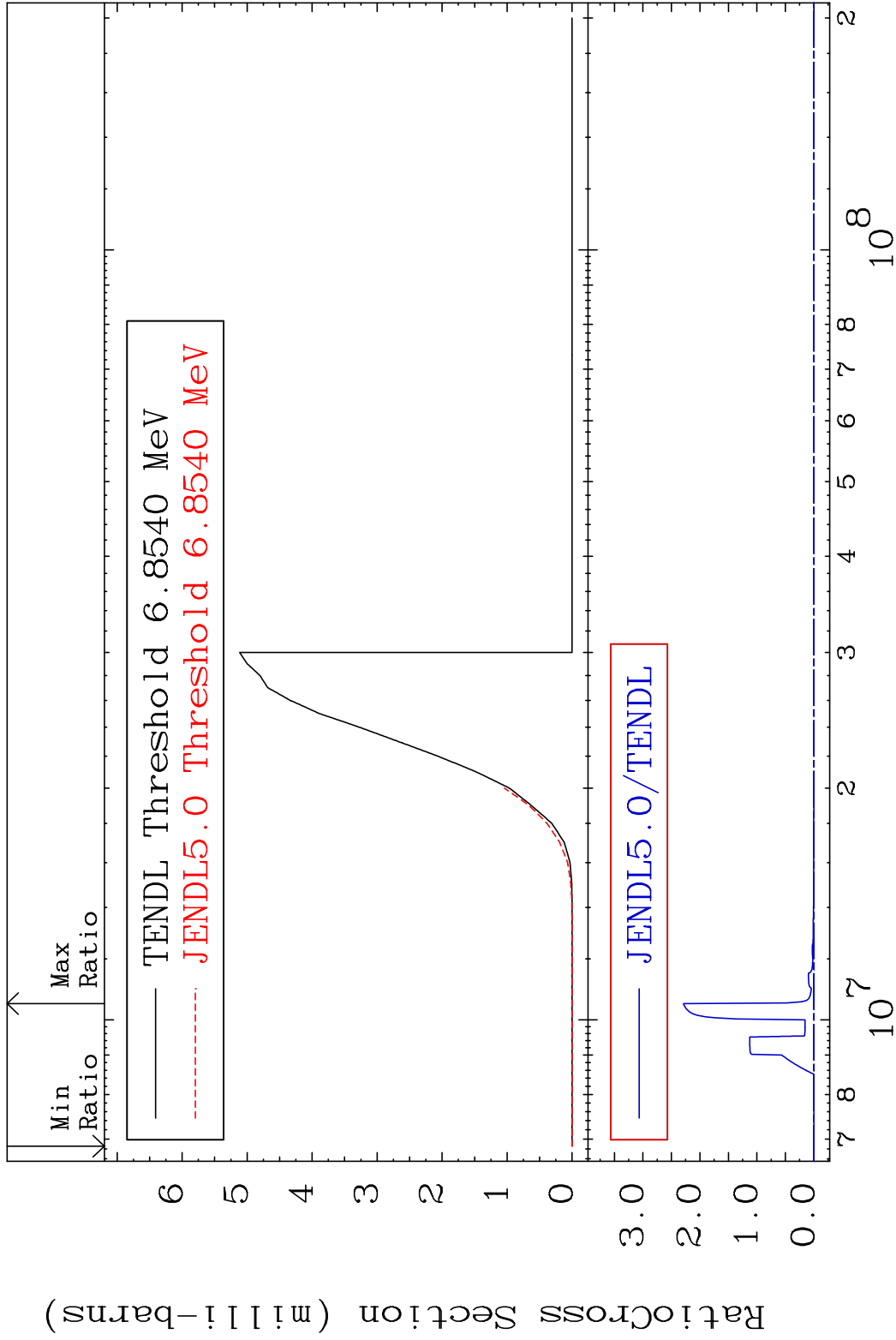


MAT 7849 (n,d):77-Ir-197g 78-Pt-198
 Radionuclide Production Cross Section 180000 dth 9999. %

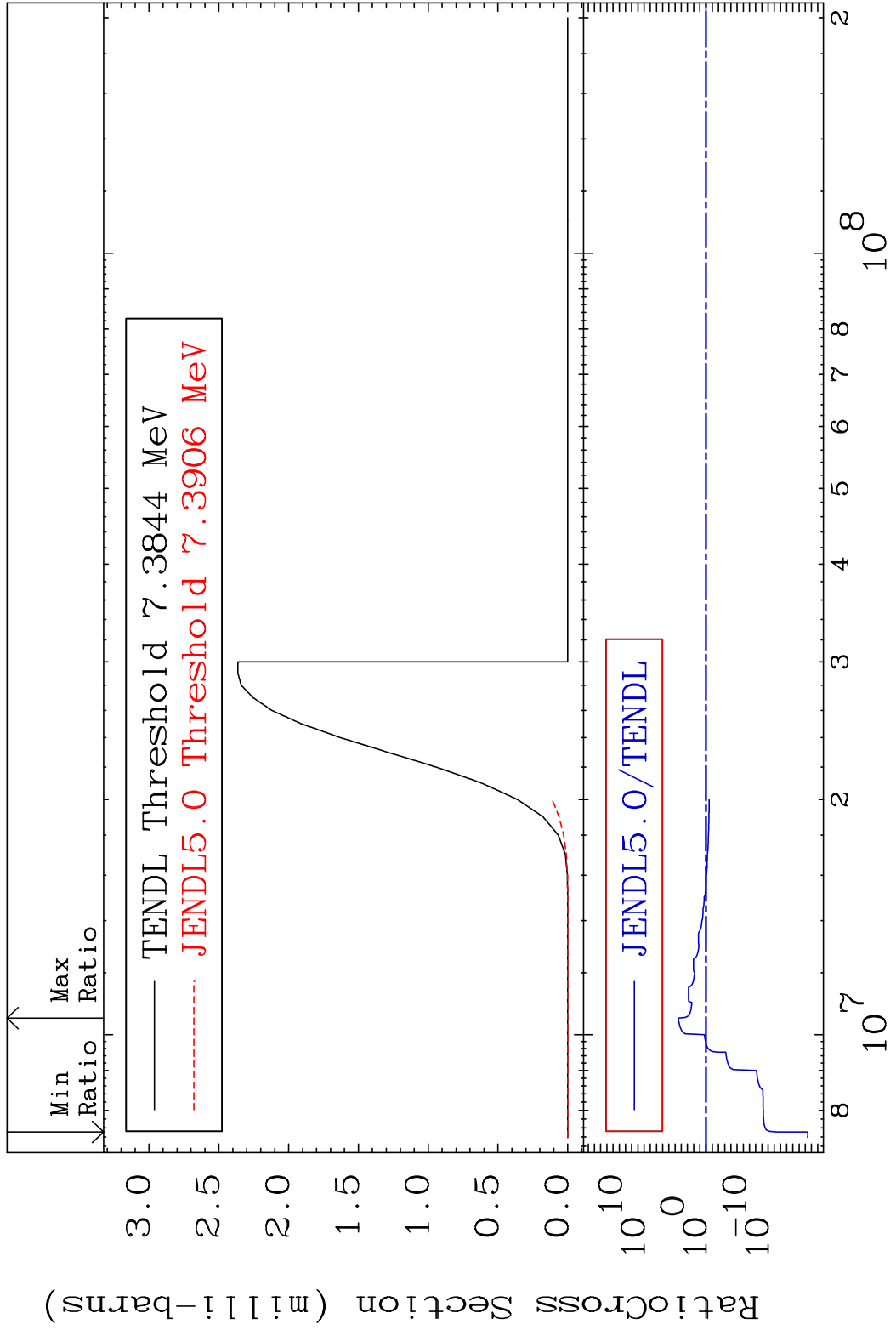


60 Incident Energy (eV) 78-Pt-198

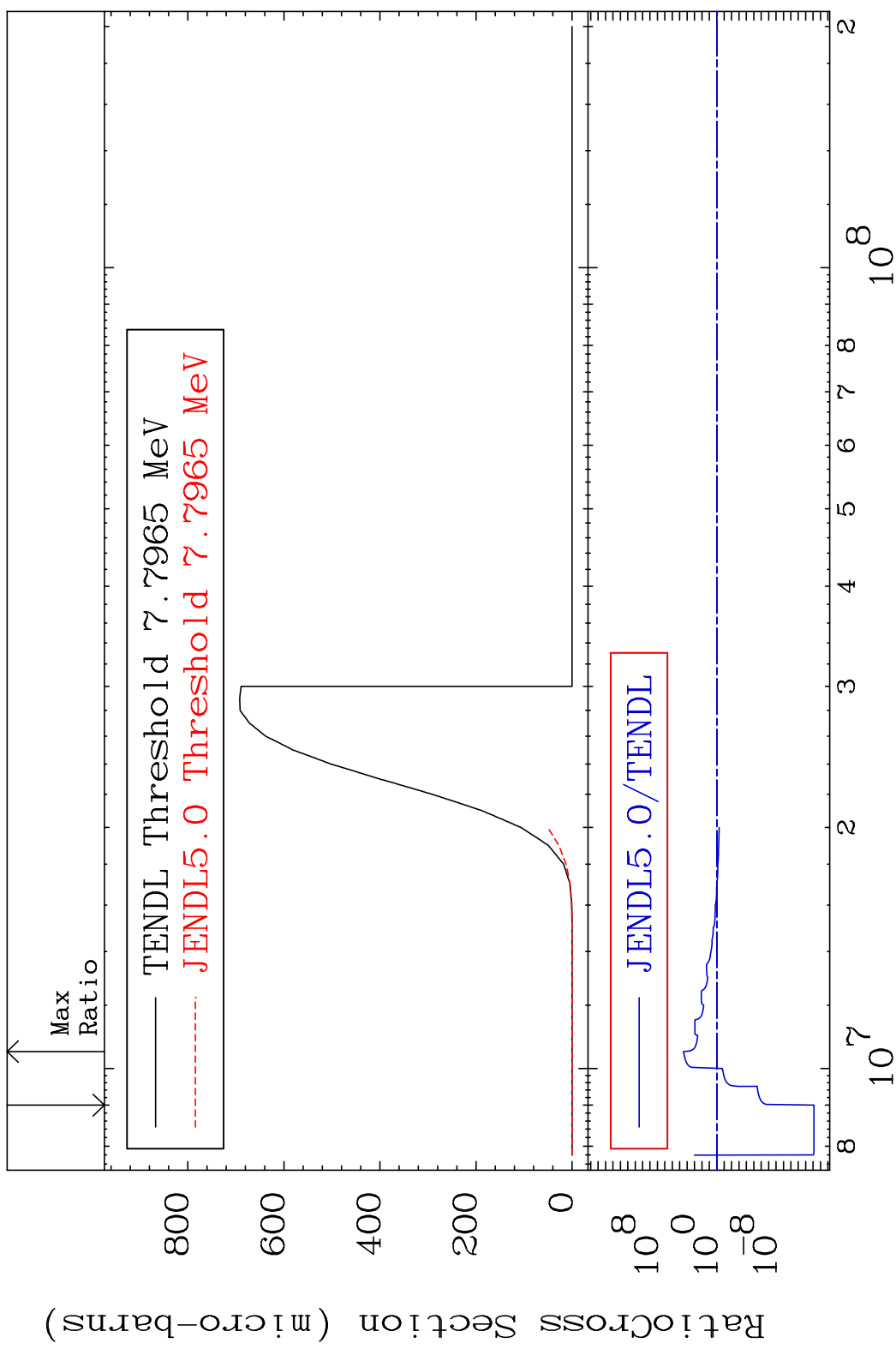
MAT 7849 (n,d):77-Ir-197m2 78-Pt-198
 Radionuclide Production Cross Section 10000 dth 9999. %



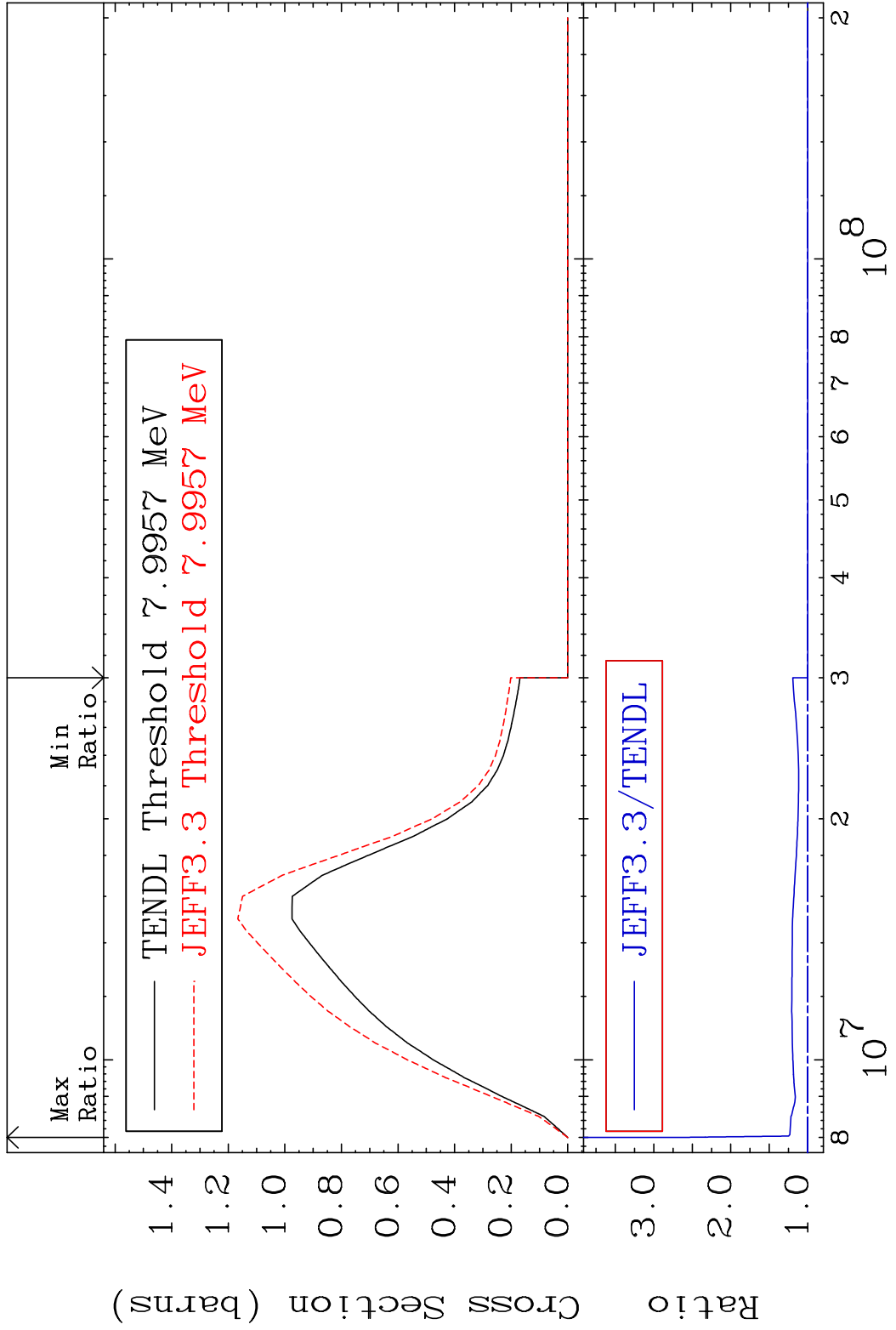
61 Incident Energy (eV) 78-Pt-198

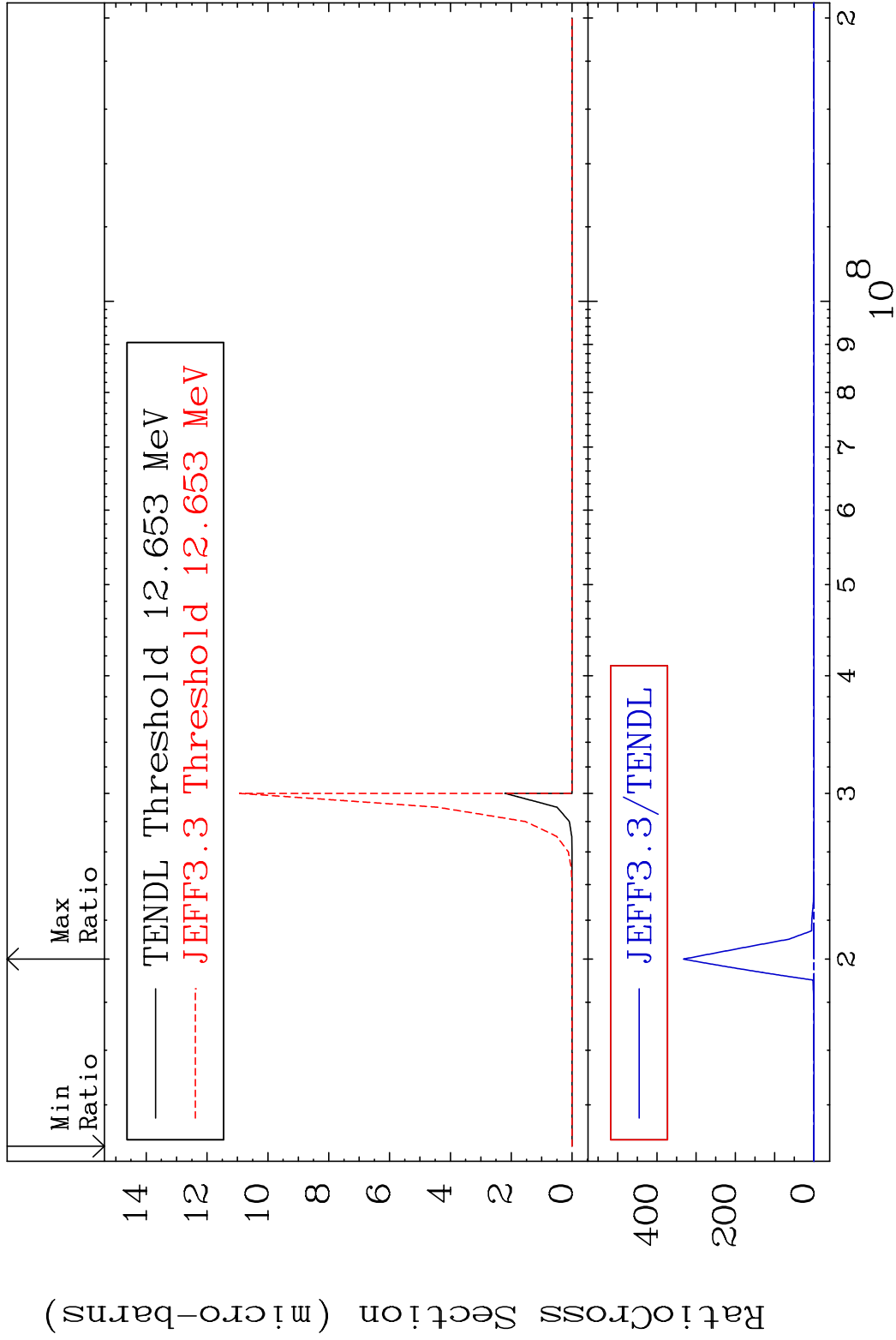


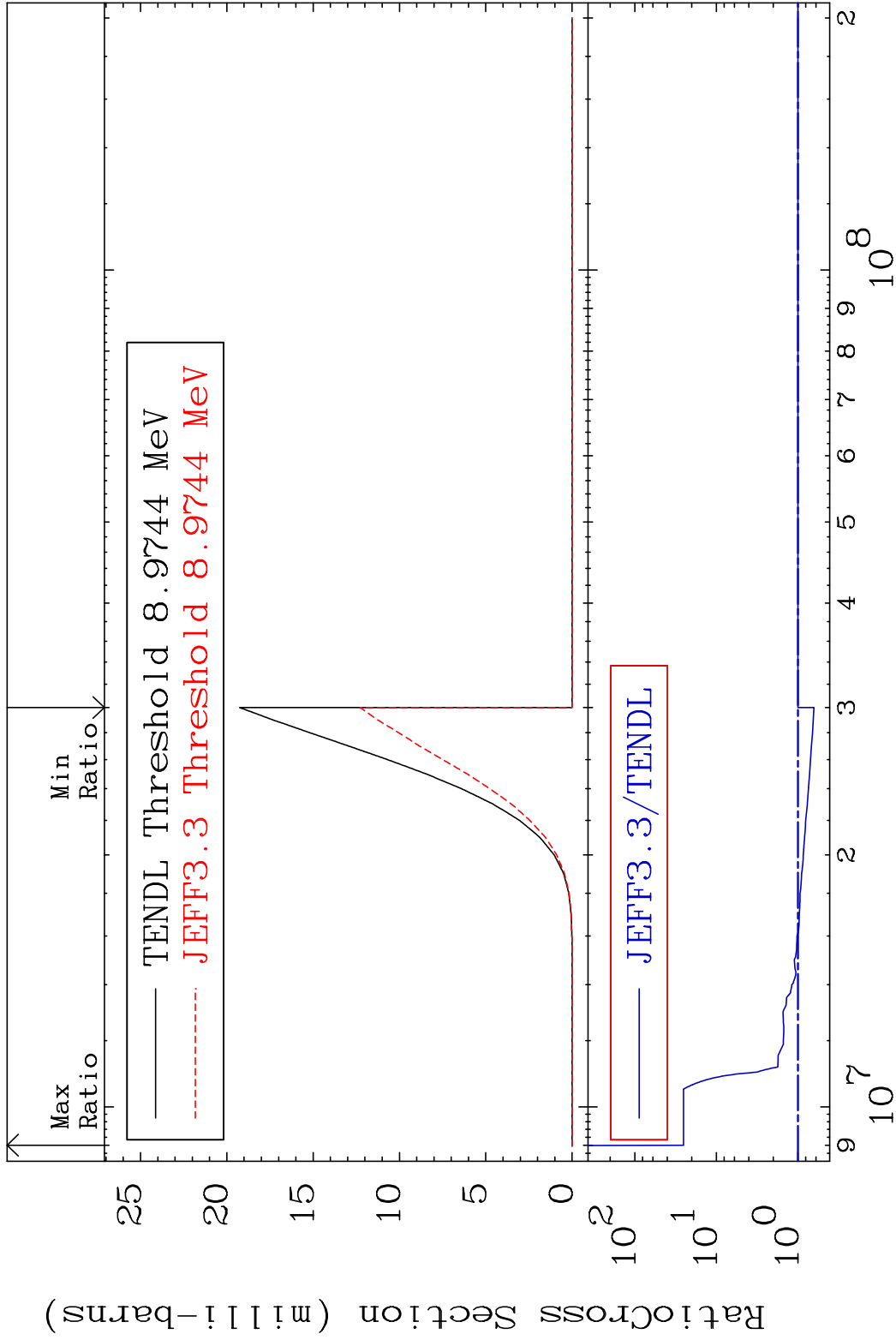
MAT 7849 (n, t): 77-Ir-196m4 78-Pt-198
 Radionuclide Production Cross Section 1800010 d10 9999. %

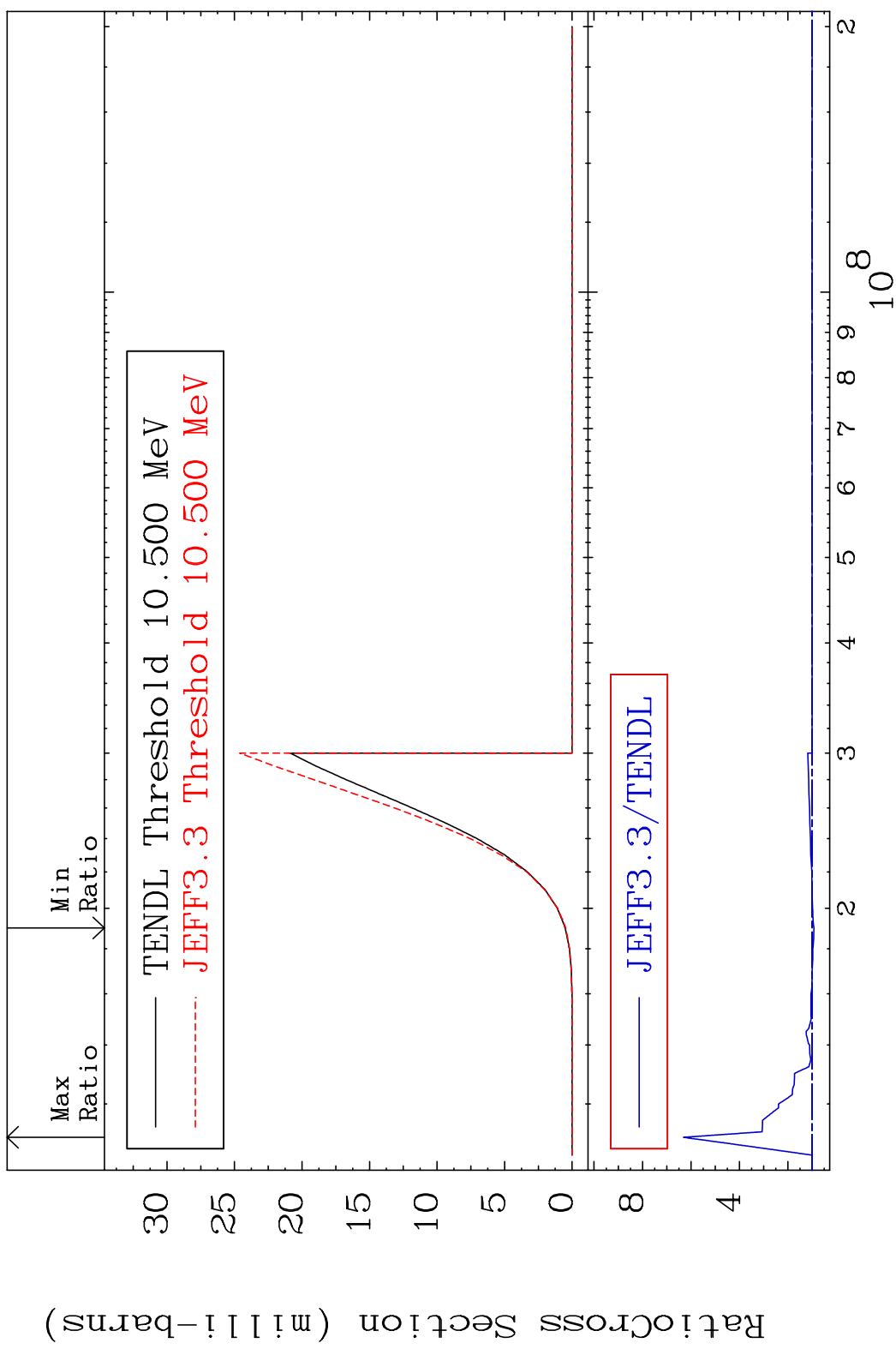


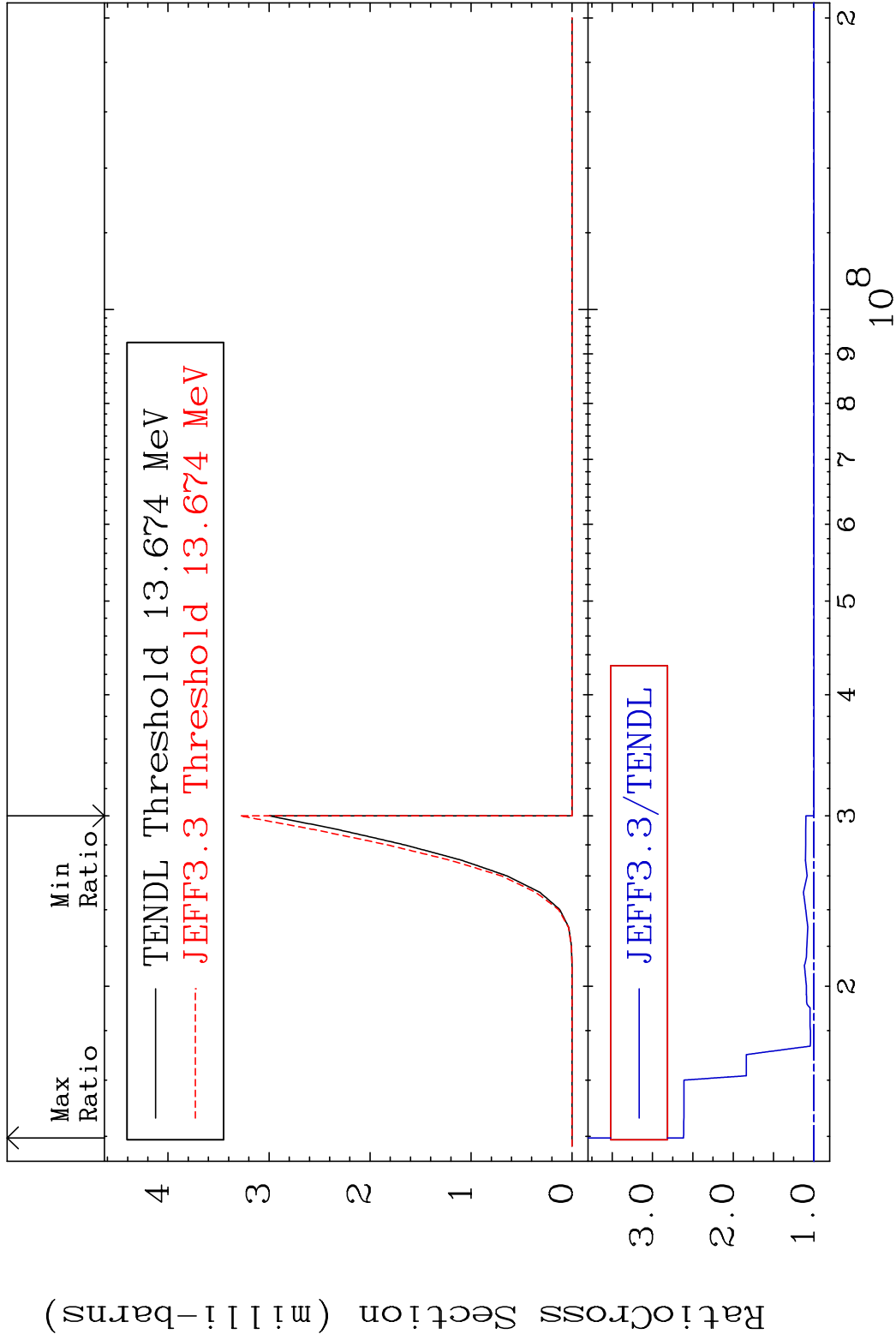
MAT 7849 (n,2n):78-Pt-197m9 78-Pt-198
 Radionuclide Production Cross Section 168.2 %

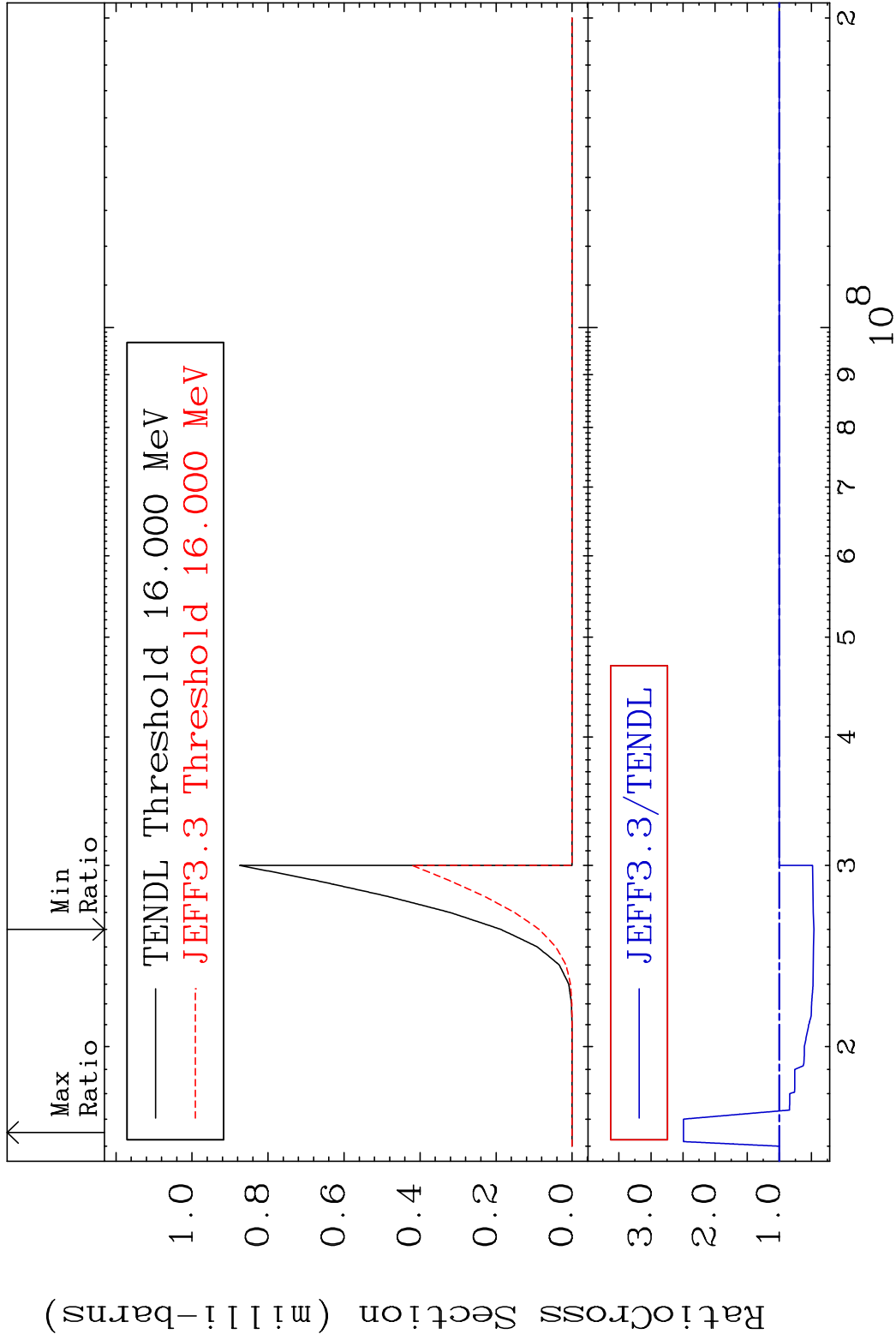




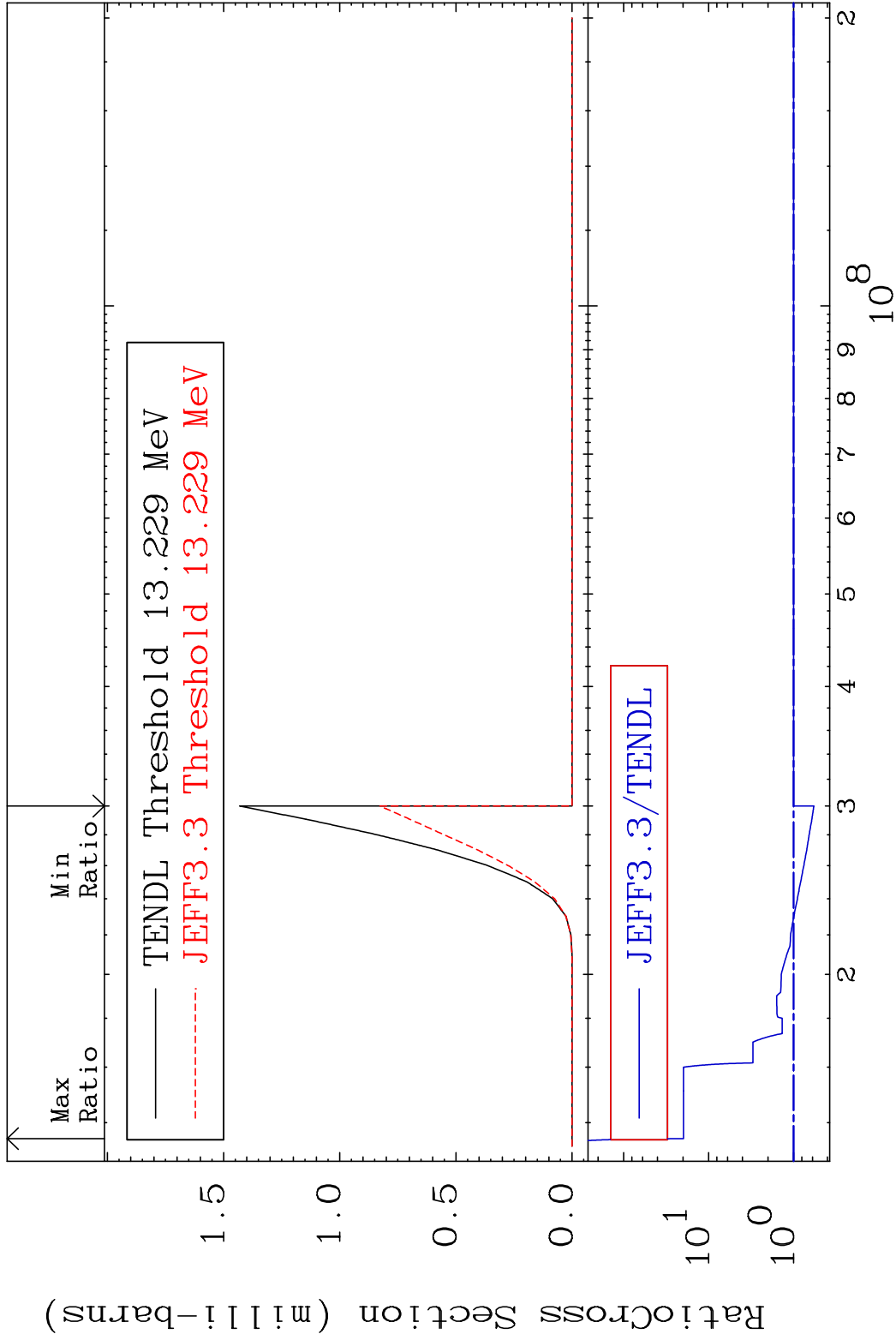






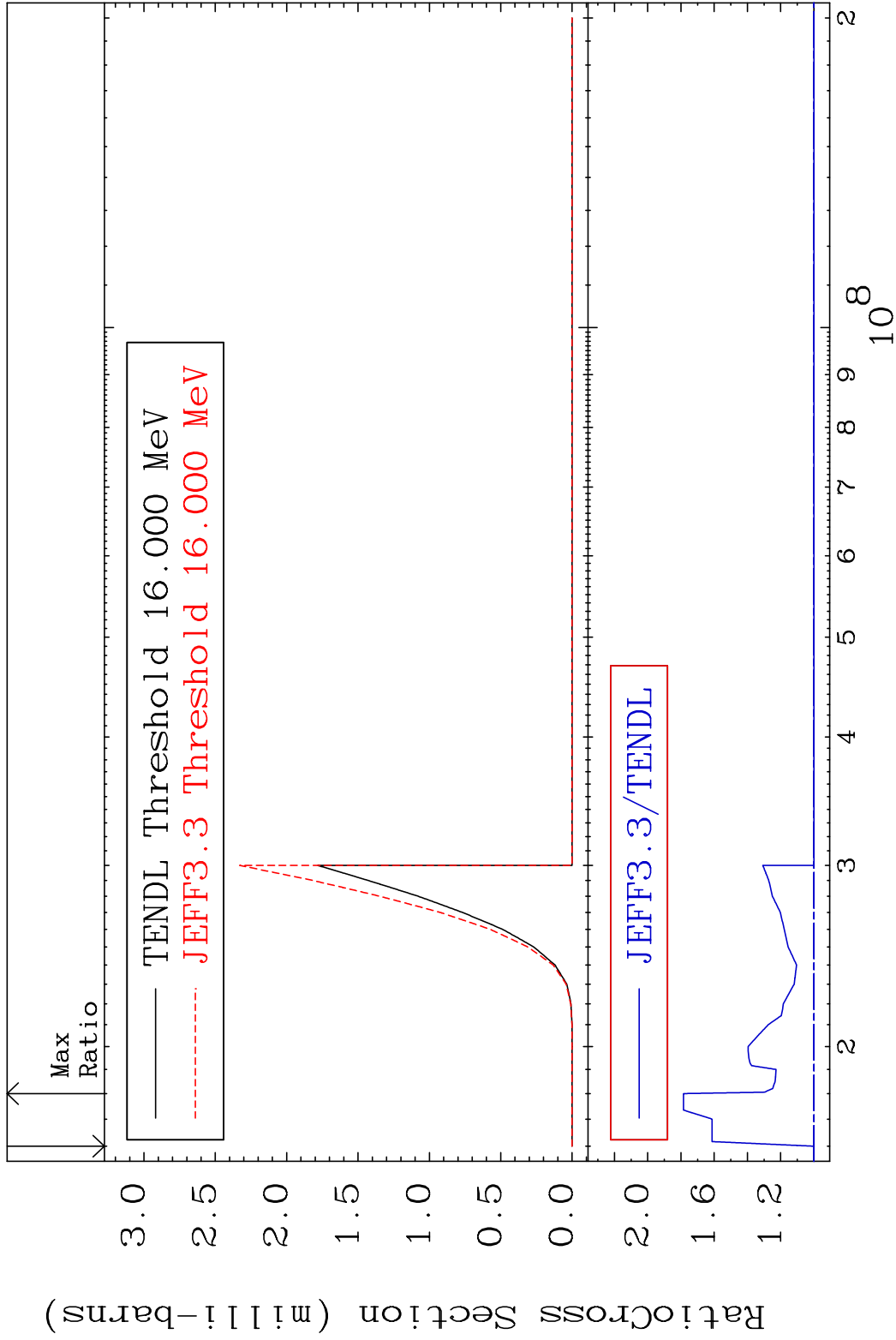


MAT 7849 (n, n') t:77-Ir-195g 78-Pt-198
 Radionuclide Production Cross Section 4267i dlo 1881. %

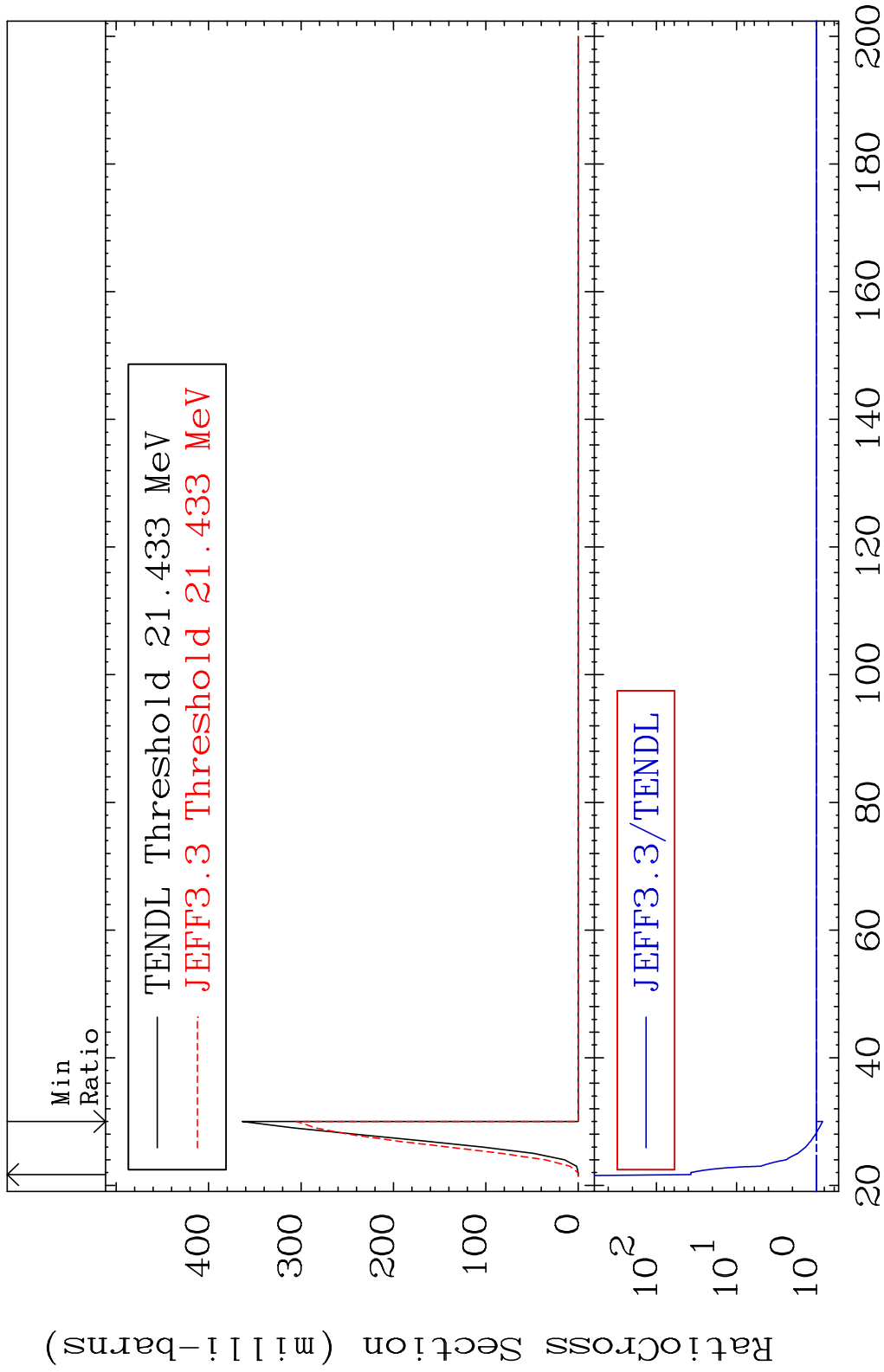


70 Incident Energy (eV) 78-Pt-198

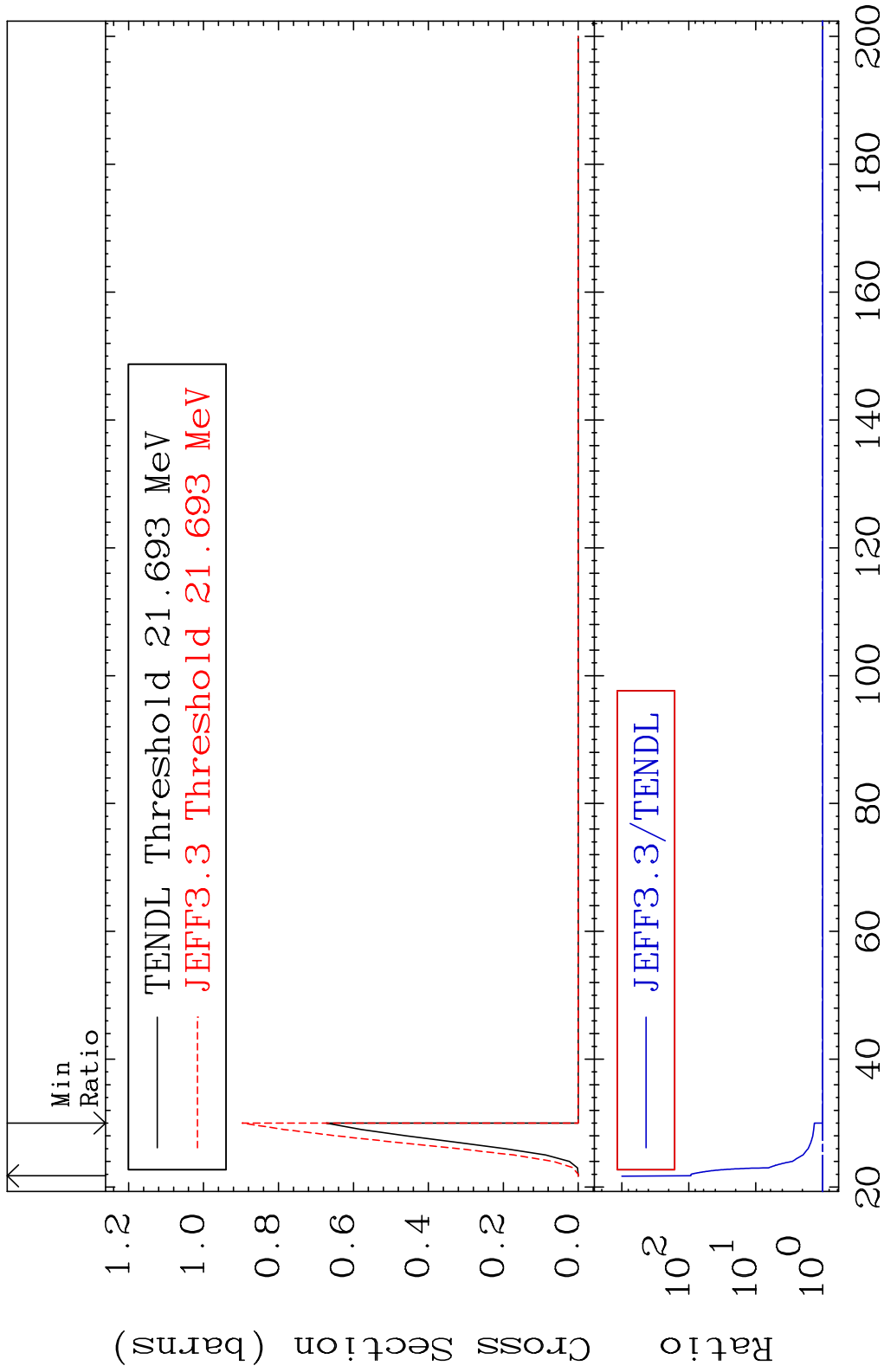
MAT 7849 (n, n') t:77-Ir-195m2 78-Pt-198
 Radionuclide Production Cross Section 78.48 %

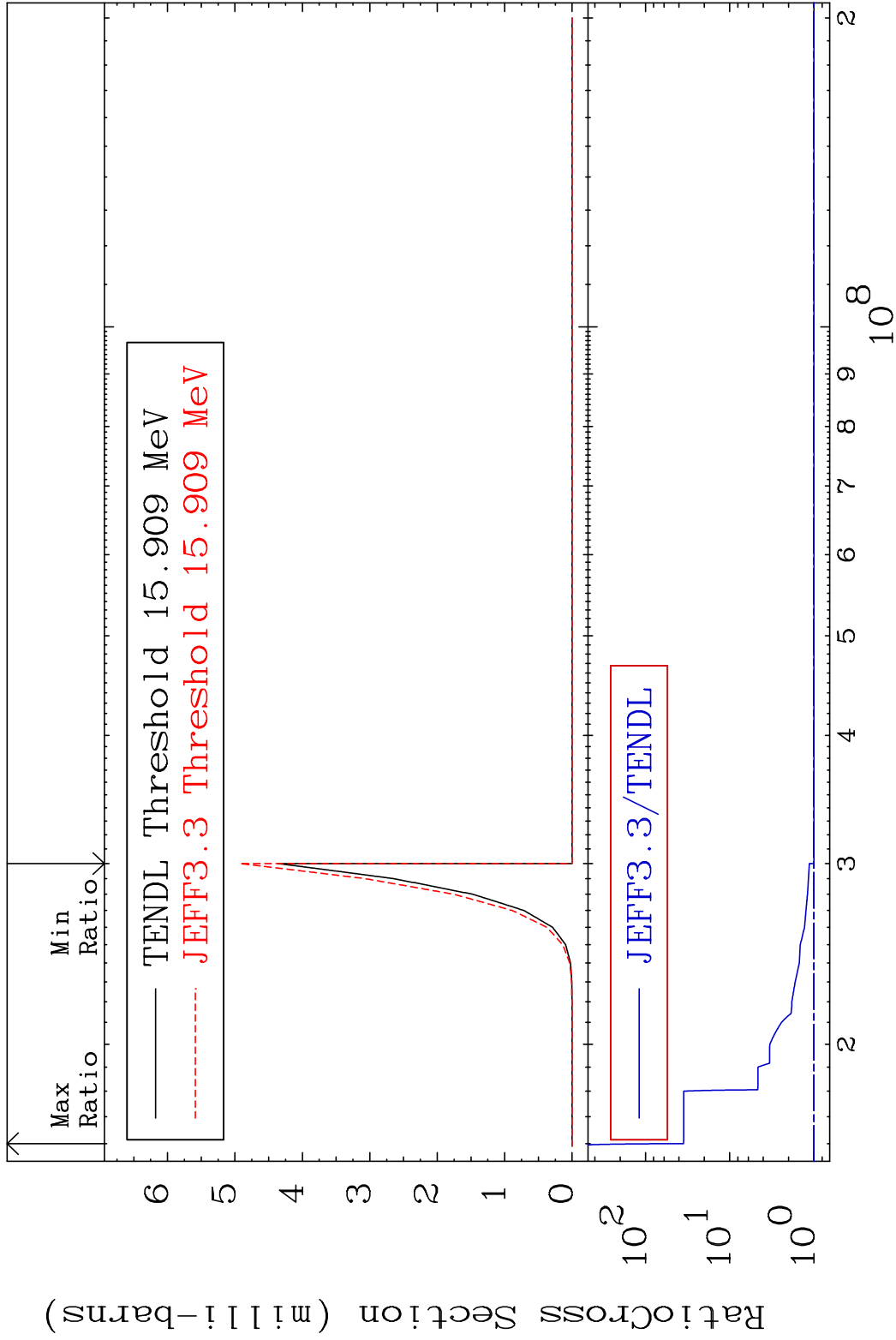


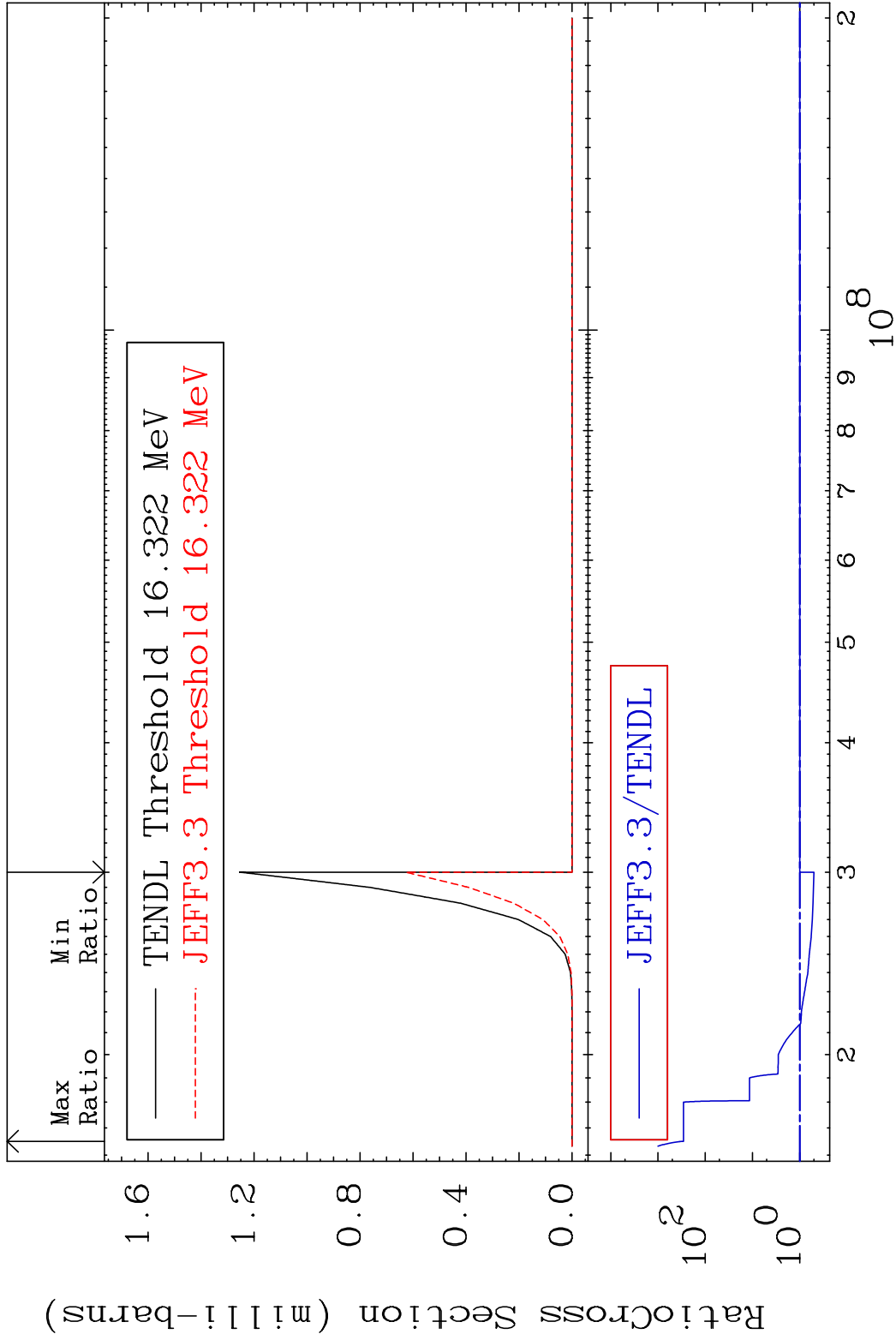
MAT 7849 (n, 4n) : 78-Pt-195g 78-Pt-198
 Radionuclide Production Cross Section 3622. %

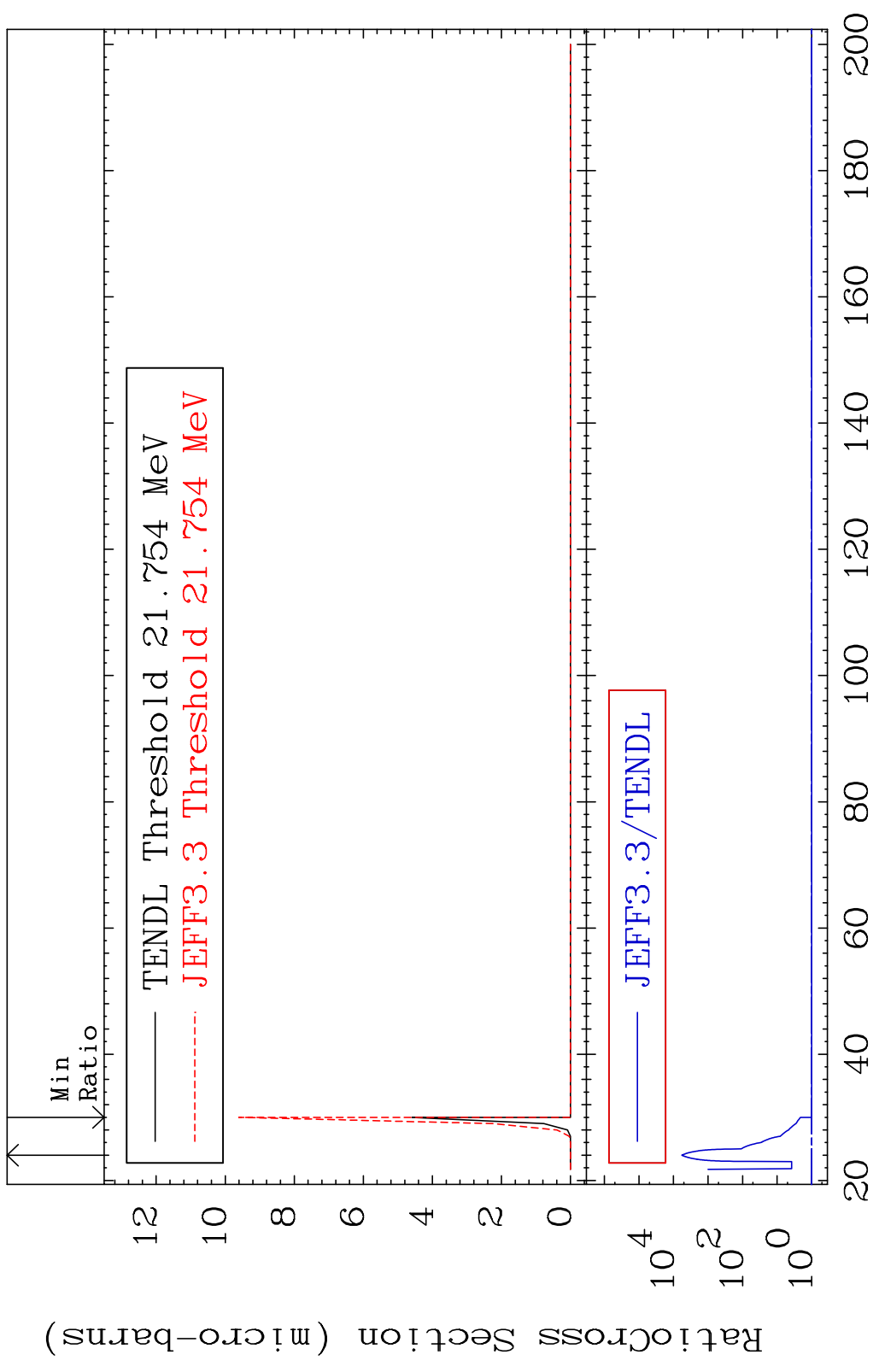


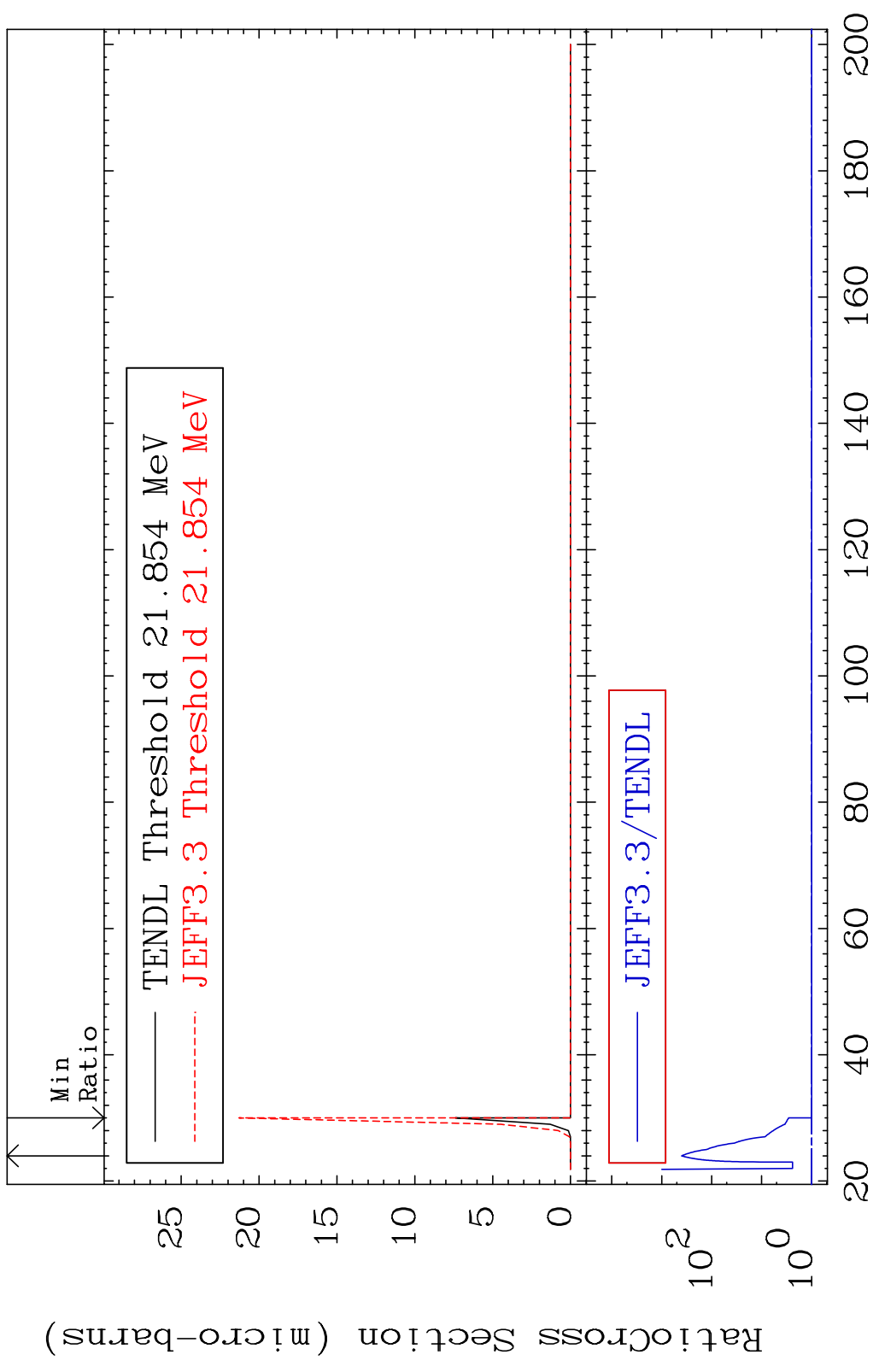
72 78-Pt-198



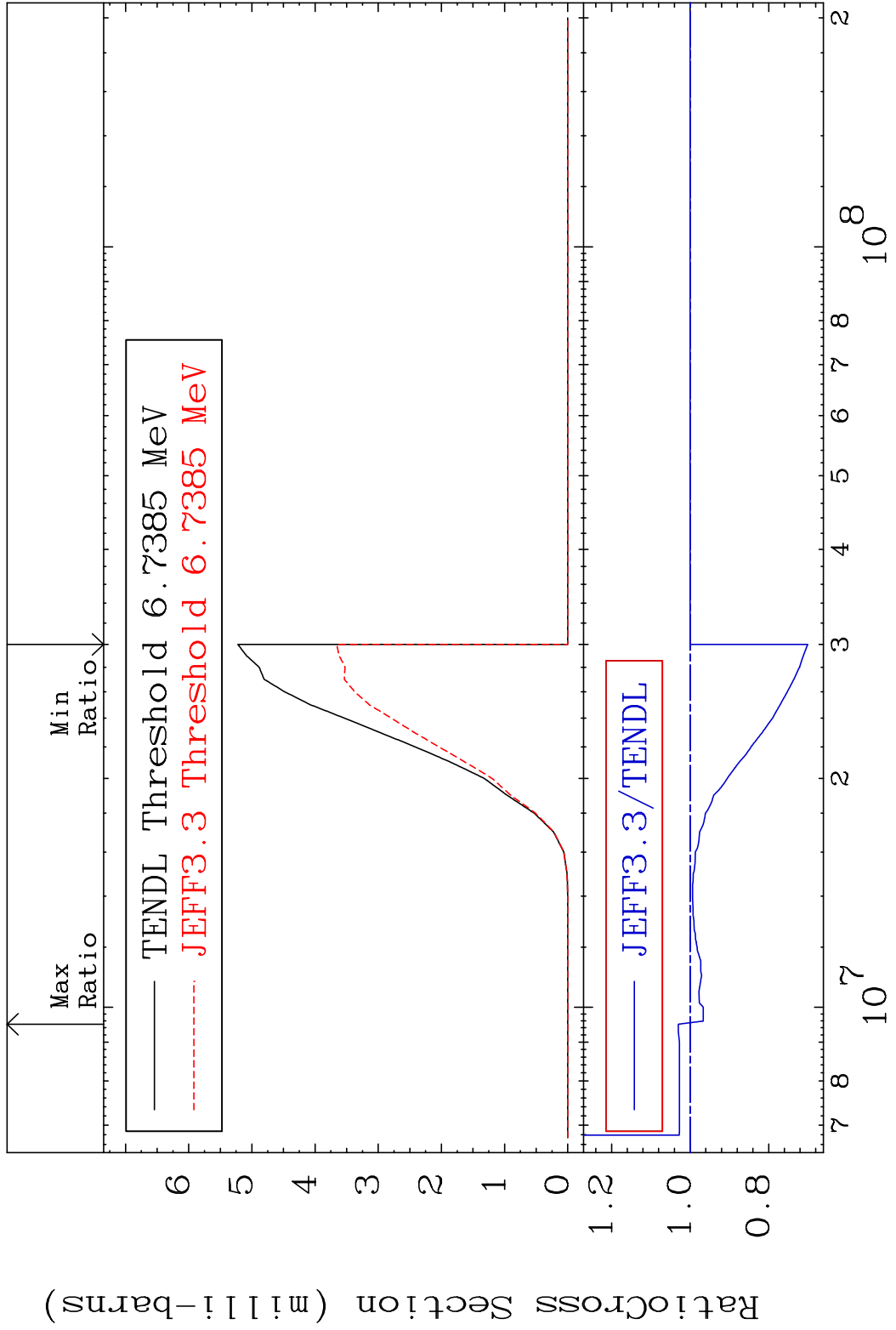




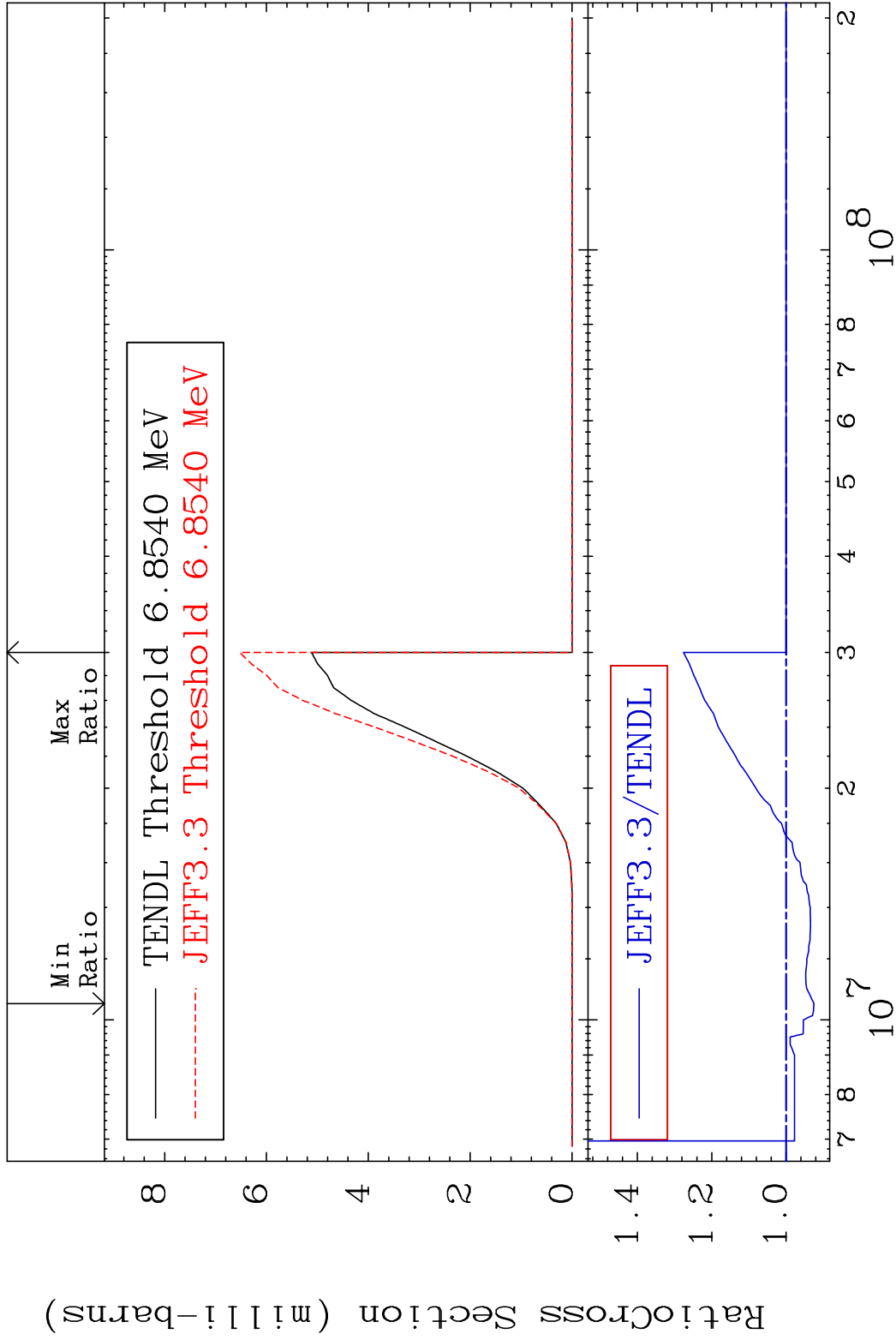


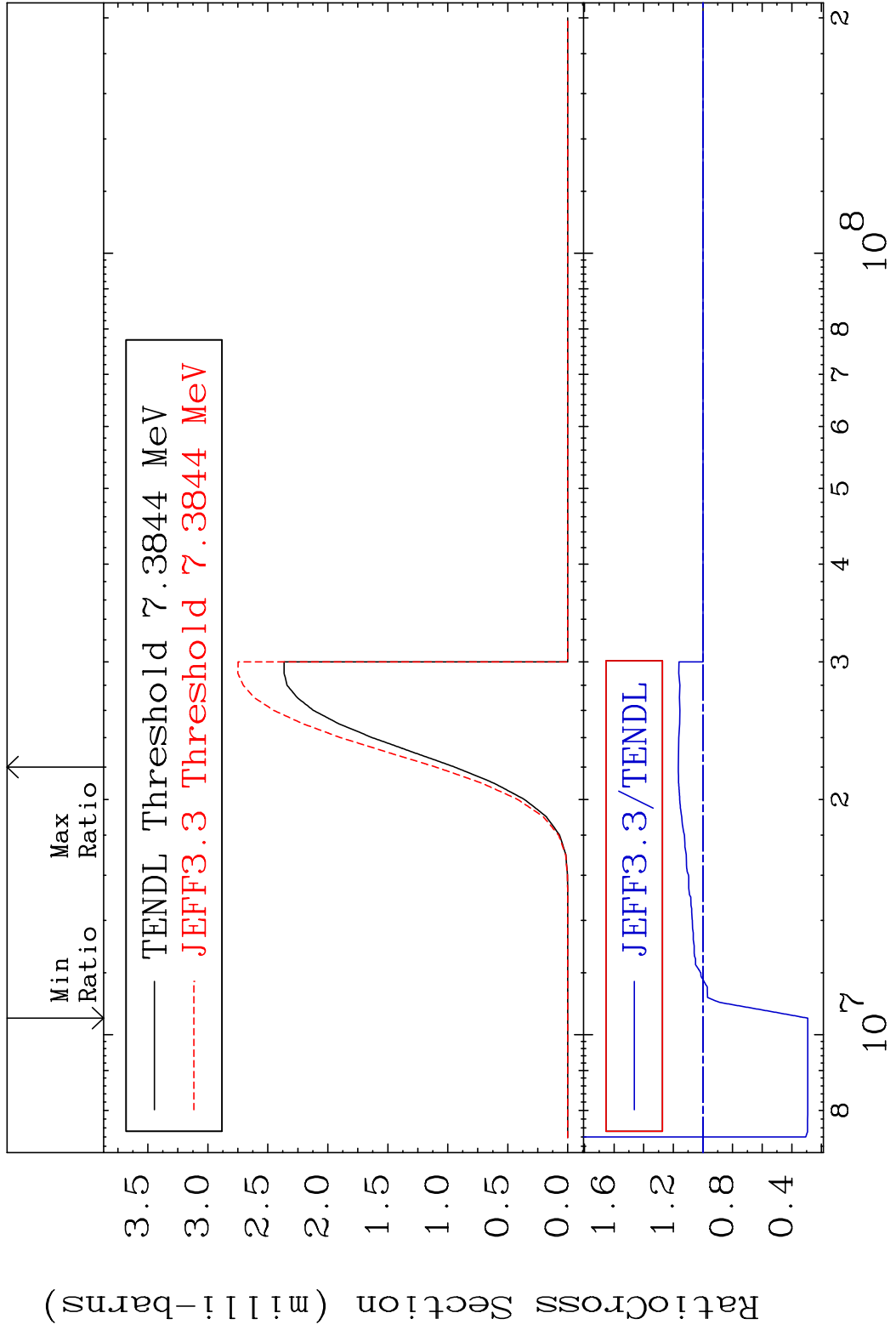


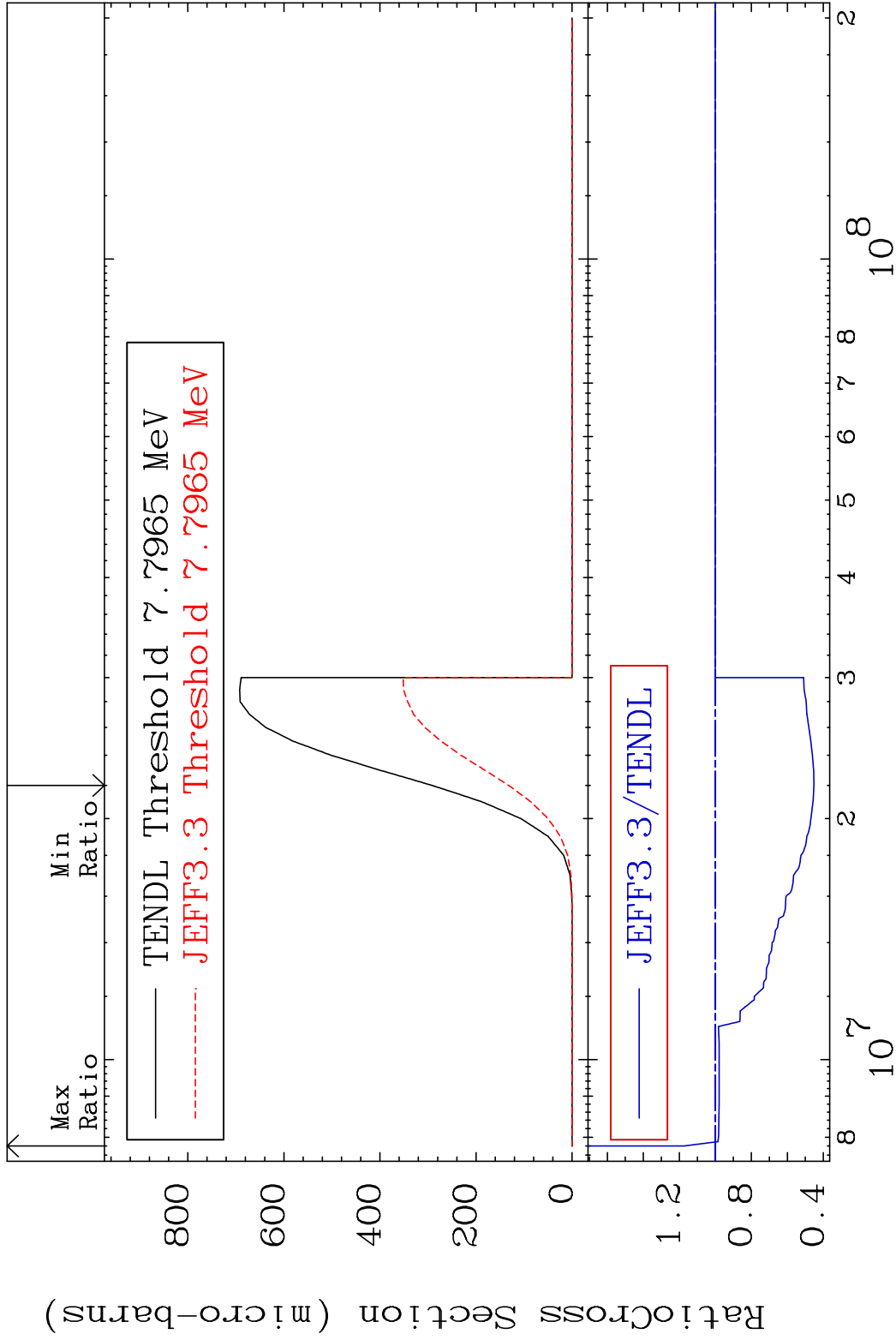
MAT 7849 (n,d):77-Ir-197g 78-Pt-198
 Radionuclide Production Cross Section 3.014 %



78 Incident Energy (eV) 78-Pt-198







MAT 7849 (n, t): 77-Ir-196m4 78-Pt-198
 Radionuclide Production Cross Section 58.74 dpo 17.72 %

