

Program Complot
(Version 2021-1)

by

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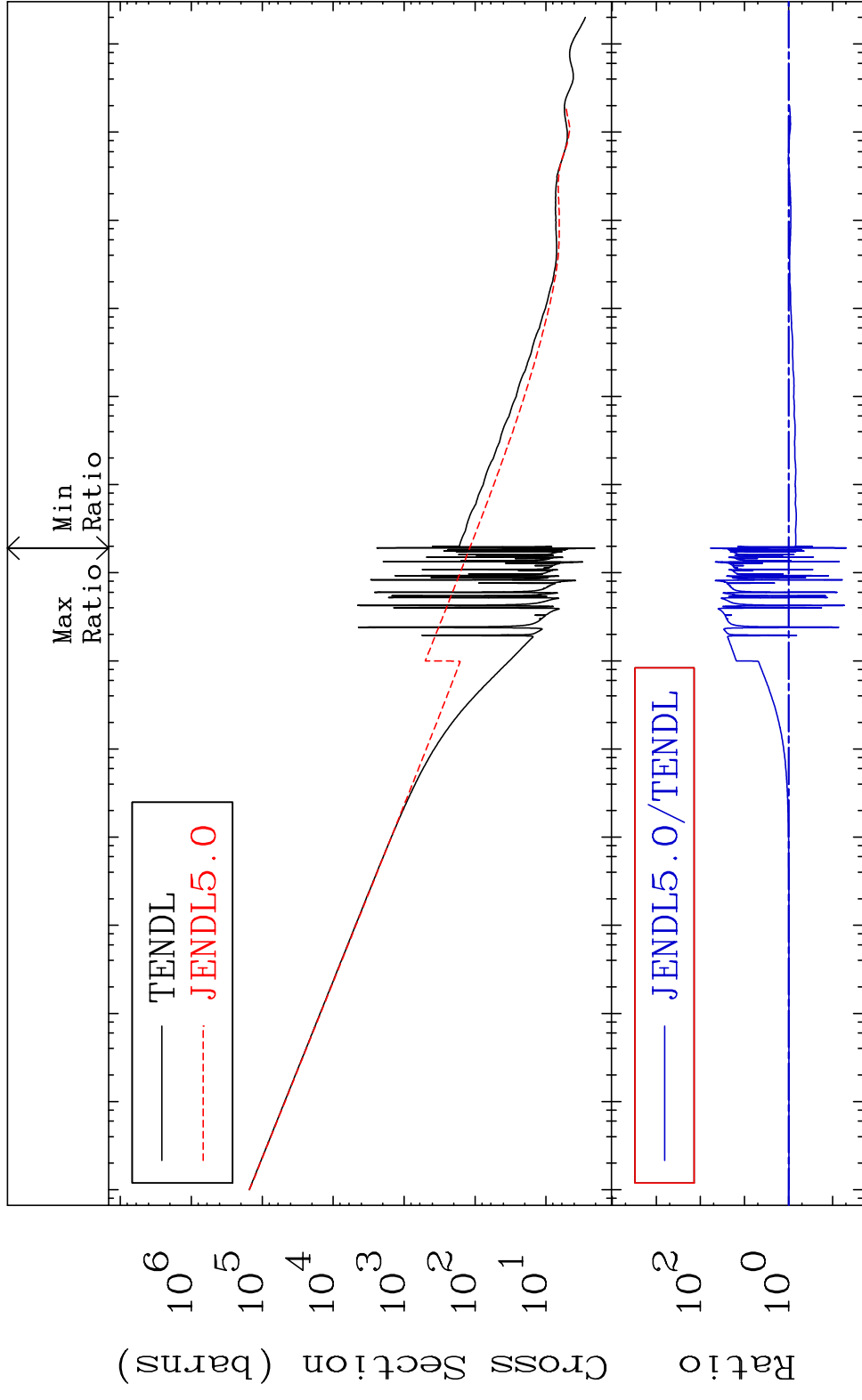
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7625

Total Cross Section -95.09 To 5735. %

76-0s-184



1

Incident Energy (eV)

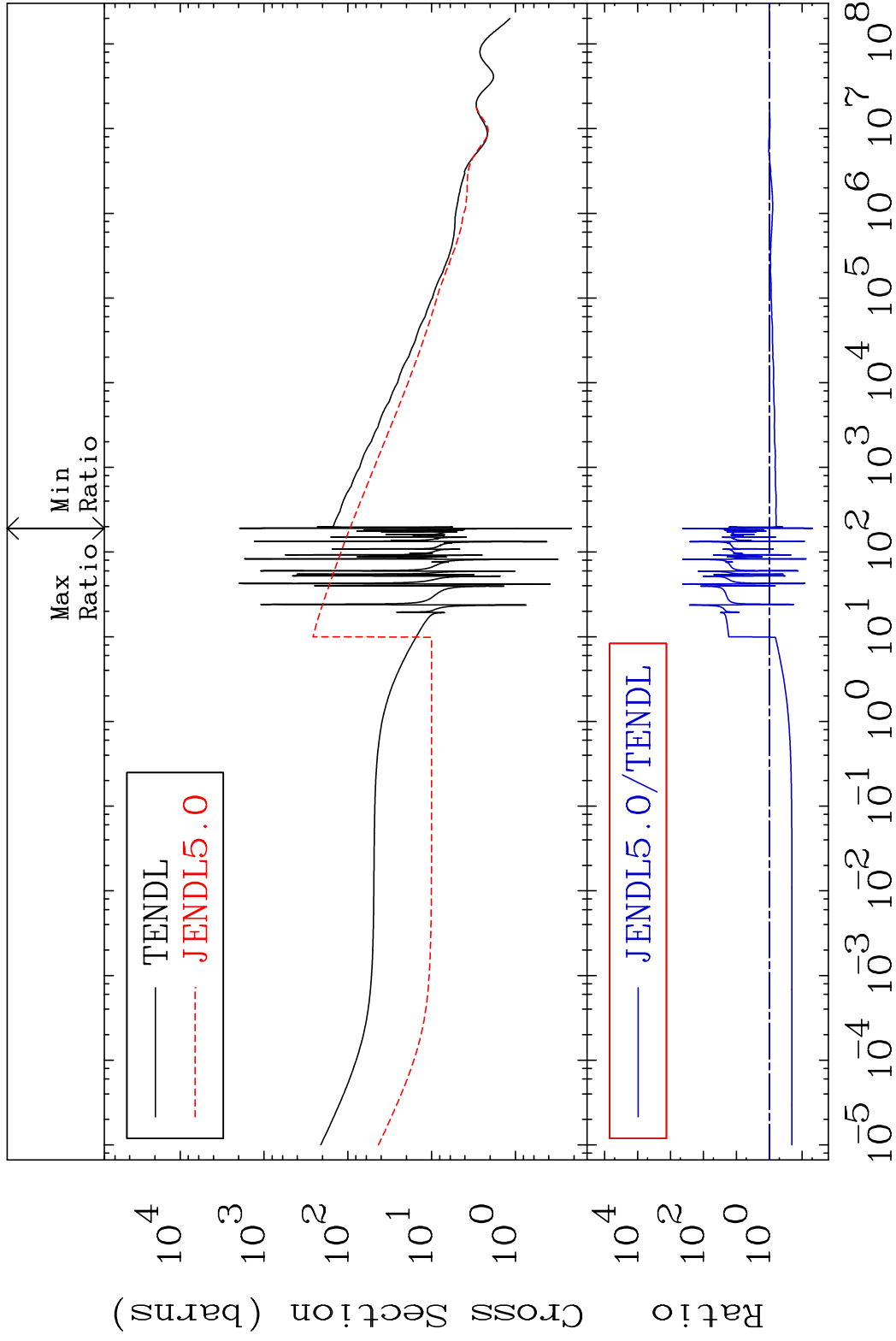
76-0s-184

MAT 7625

Elastic

76-0s-184

Cross Section -95.15 To 9999. %



2

Incident Energy (eV)

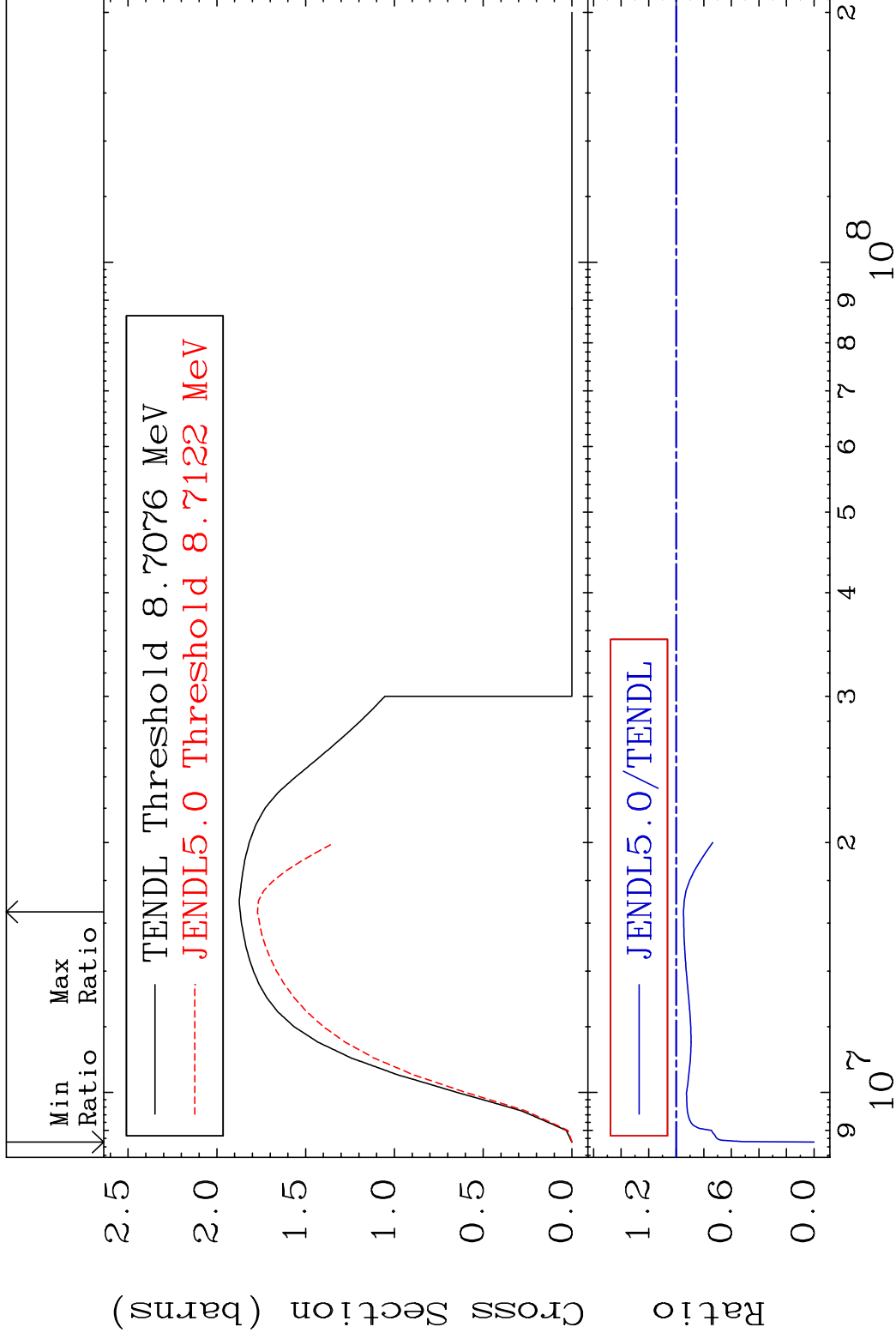
76-0s-184

MAT 7625

(n,2n)

76-Os-184

Cross Section -100.0 To -5.219%

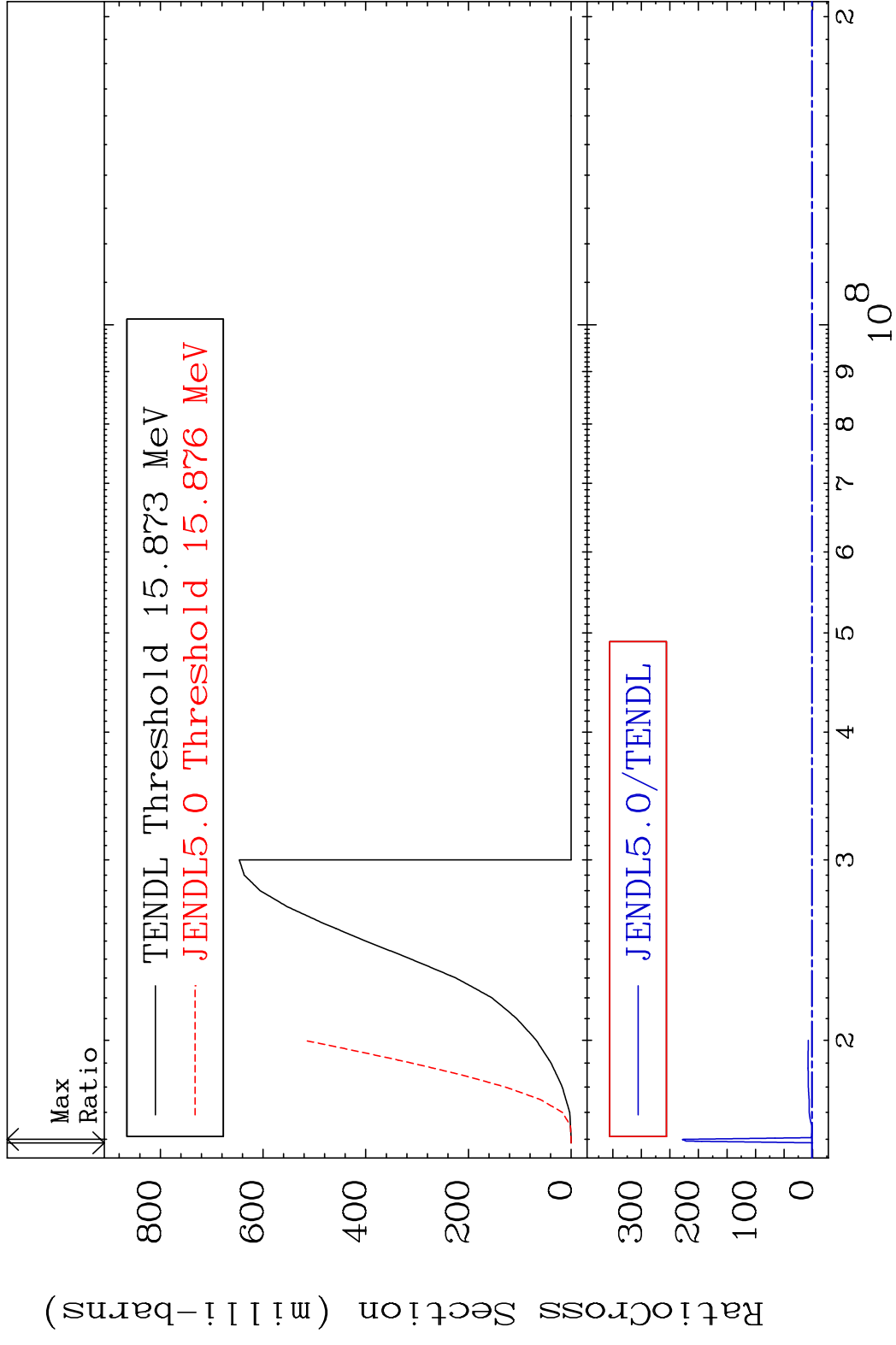


4

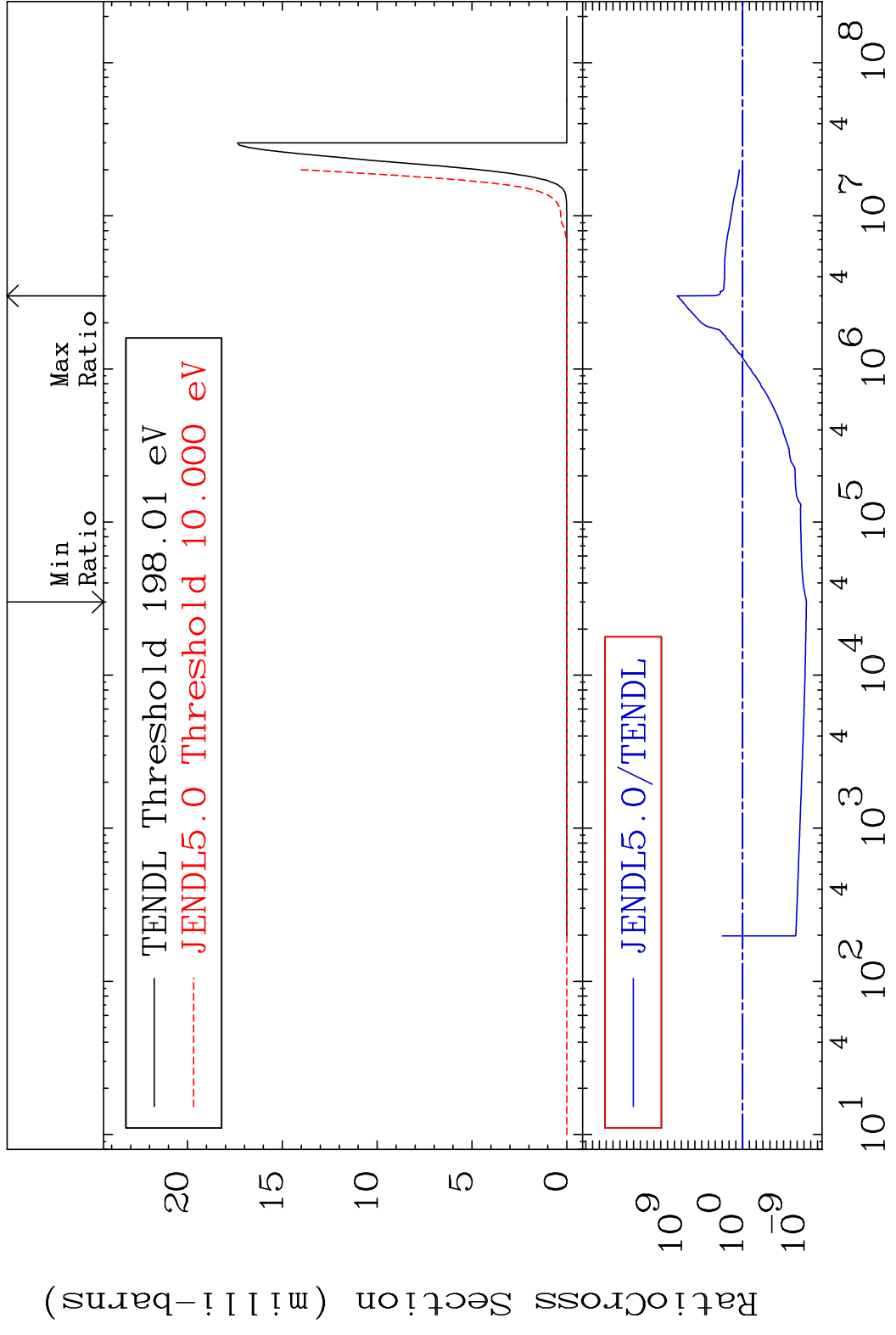
Incident Energy (eV)

76-Os-184

MAT 7625 (n,3n) 76-0s-184
 Cross Section -100.0 To 9999. %



MAT 7625 (n, n') α 76-0s-184
 Cross Section -100.0 To 9999. %

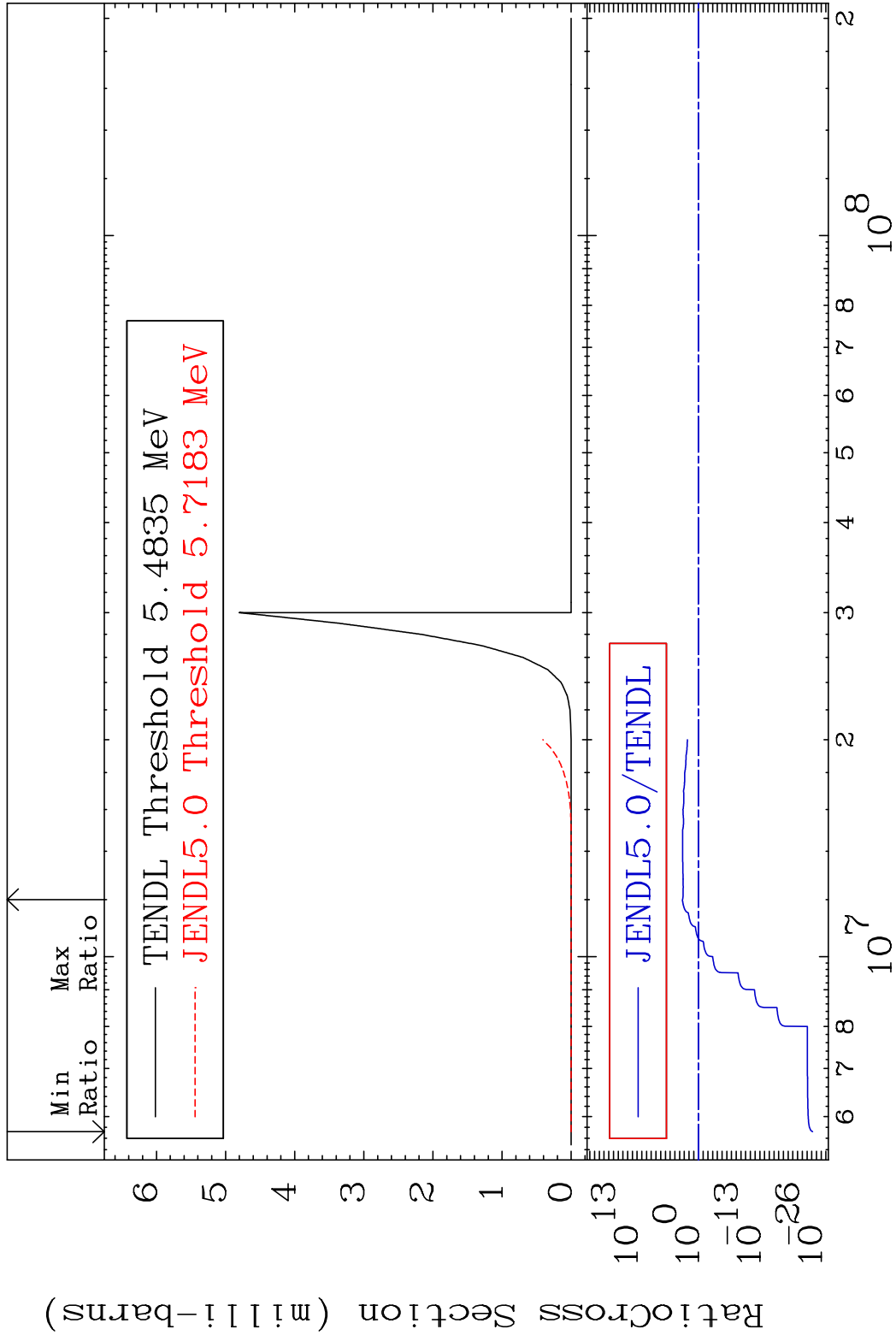


MAT 7625

(n,2n) α

76-0s-184

Cross Section -100.0 To 9999. %

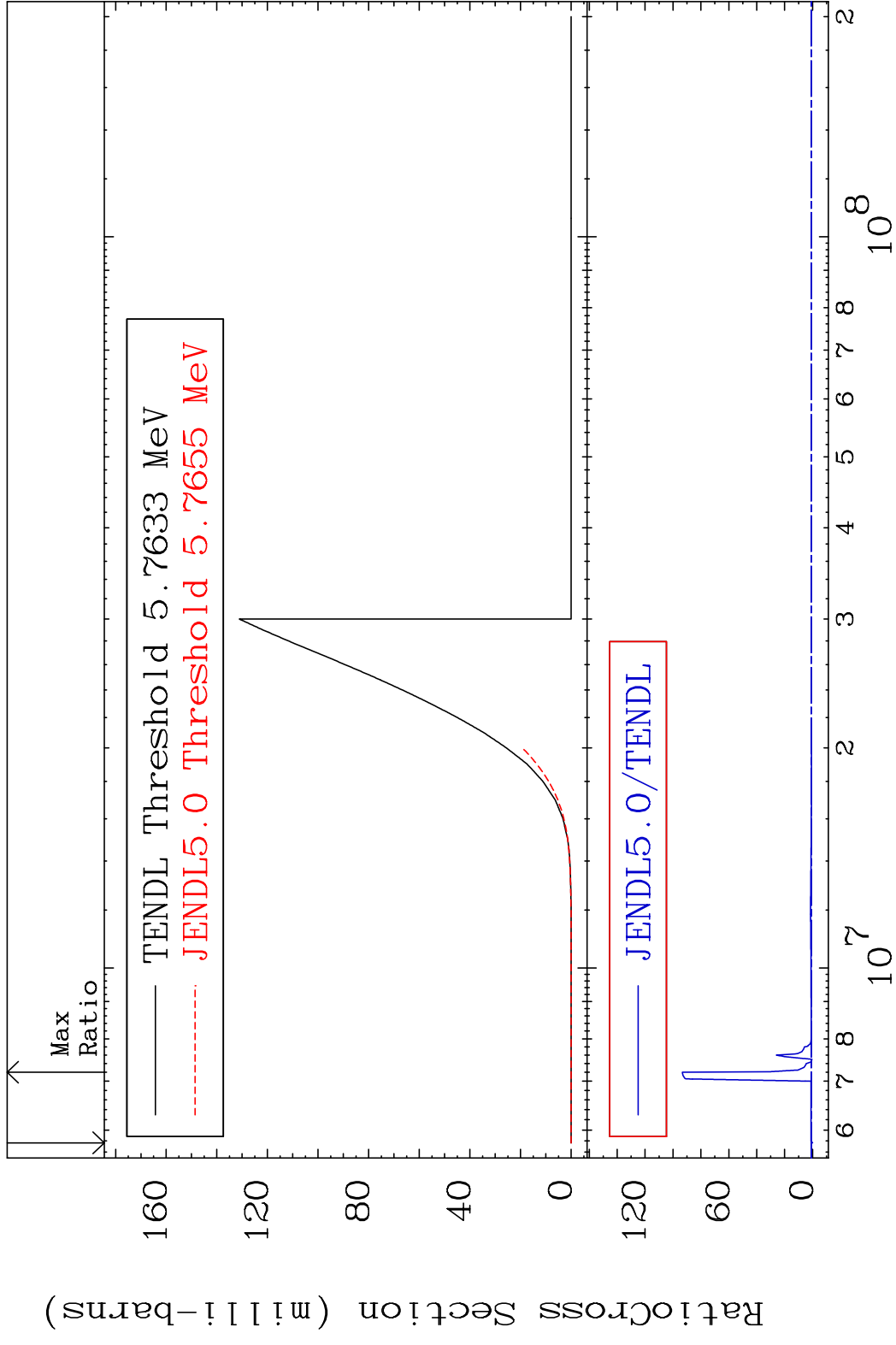


7

Incident Energy (eV)

76-0s-184

MAT 7625 (n, n') p 76-0s-184
 Cross Section -100.0 To 9229. %



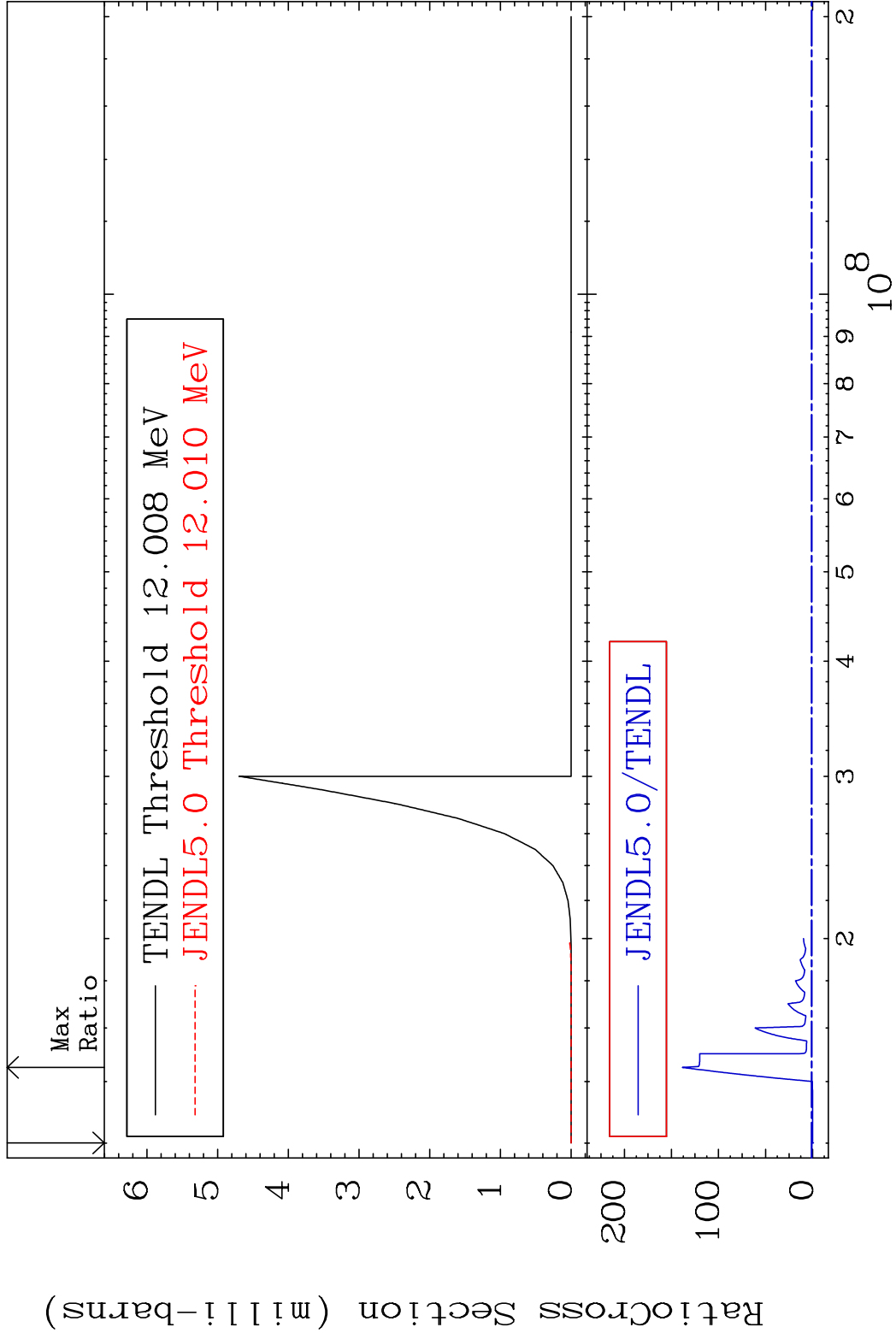
8 Incident Energy (eV) 76-0s-184

MAT 7625

(n, n') d

76-0s-184

Cross Section -100.0 To 9999. %

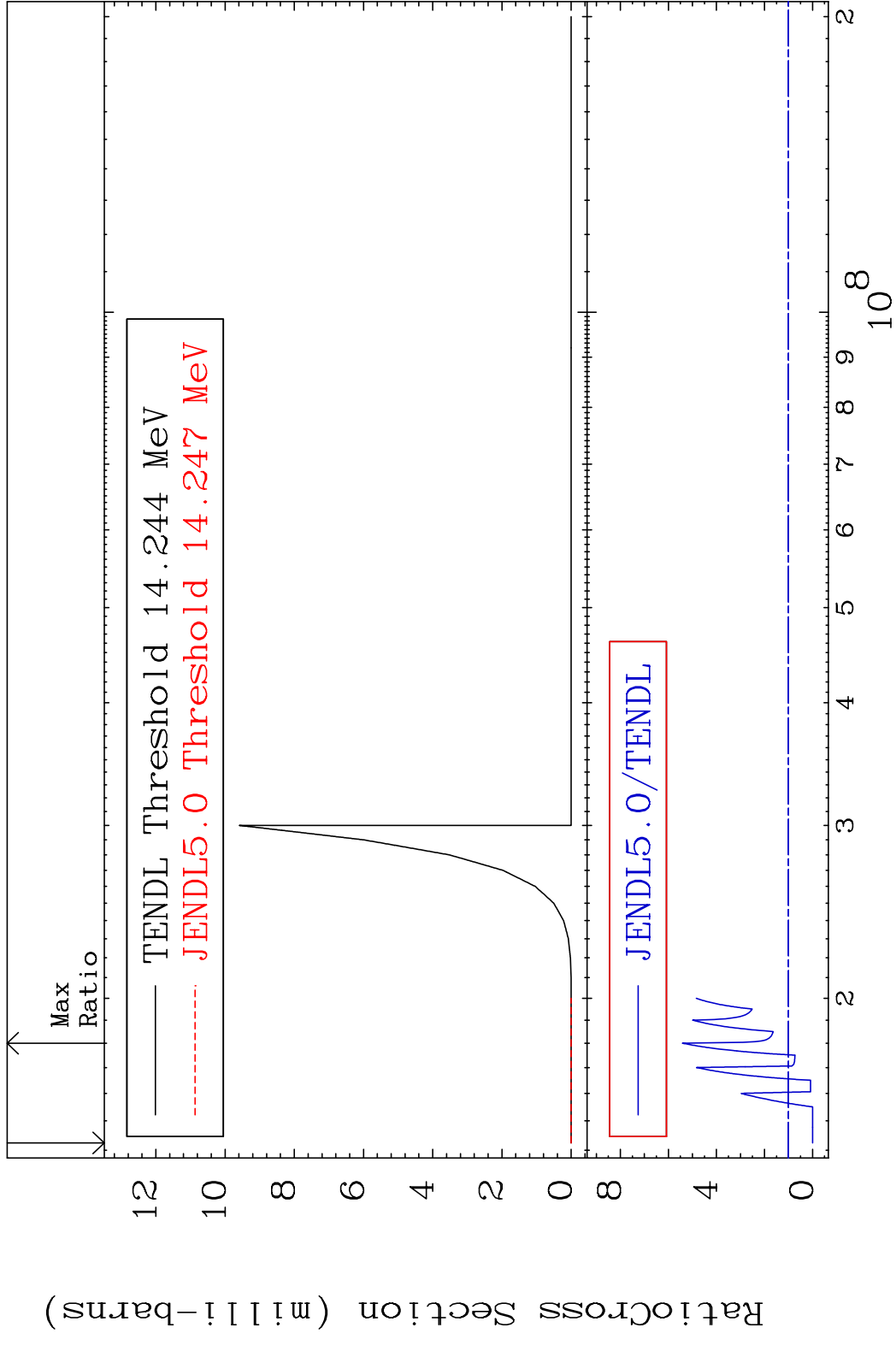


9

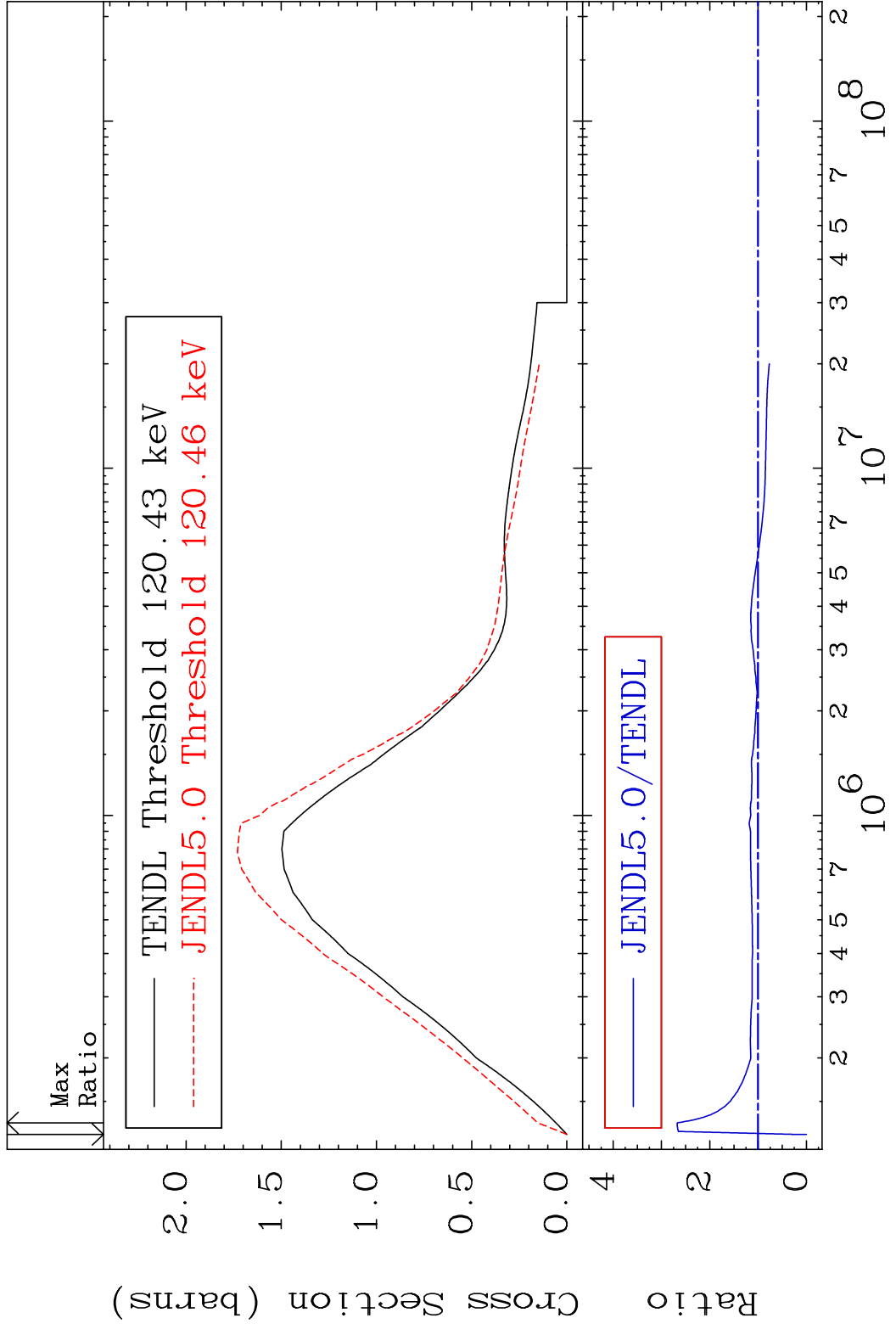
Incident Energy (eV)

76-0s-184

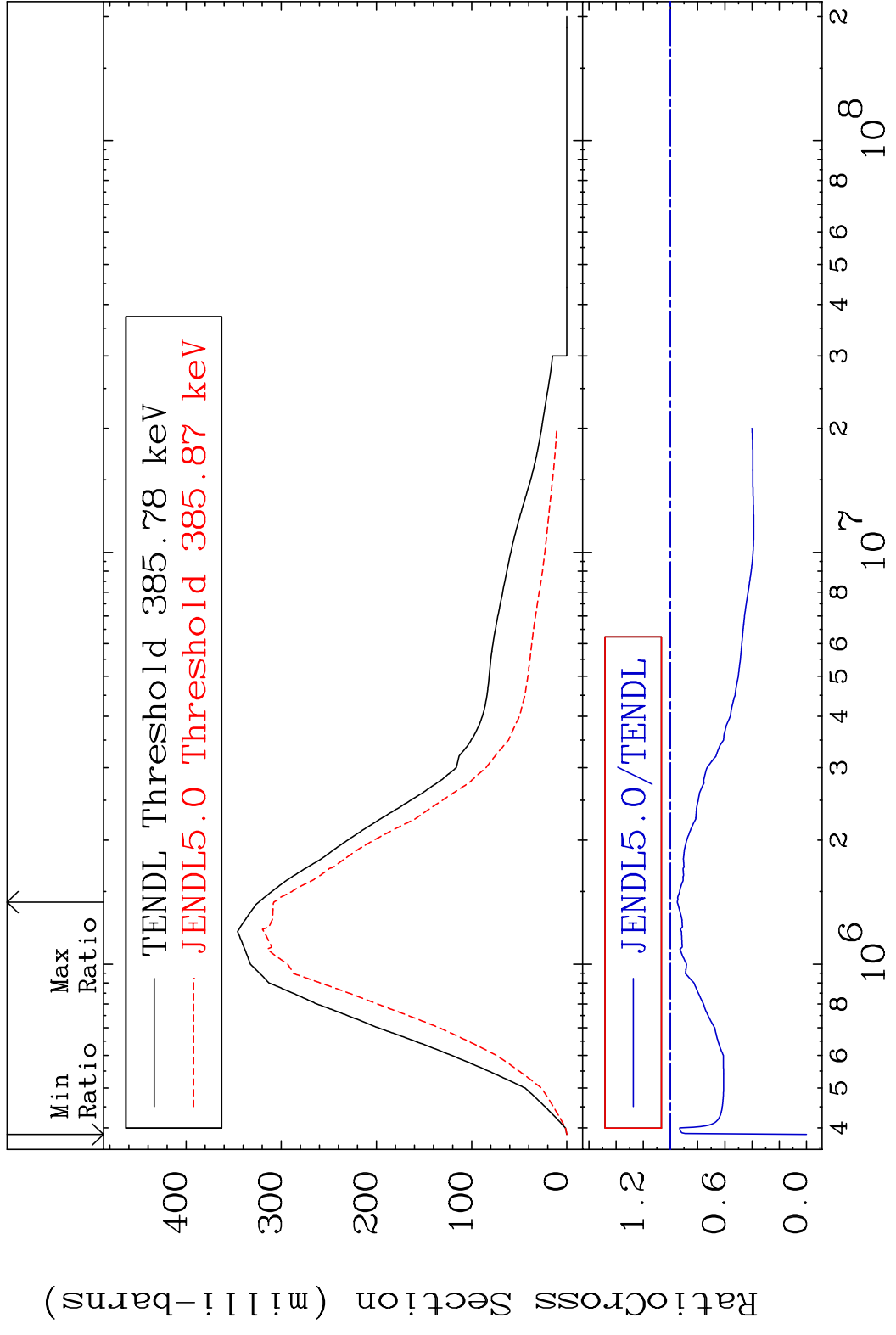
MAT 7625 (n,2n) p 76-0s-184
 Cross Section -100.0 To 442.0 %



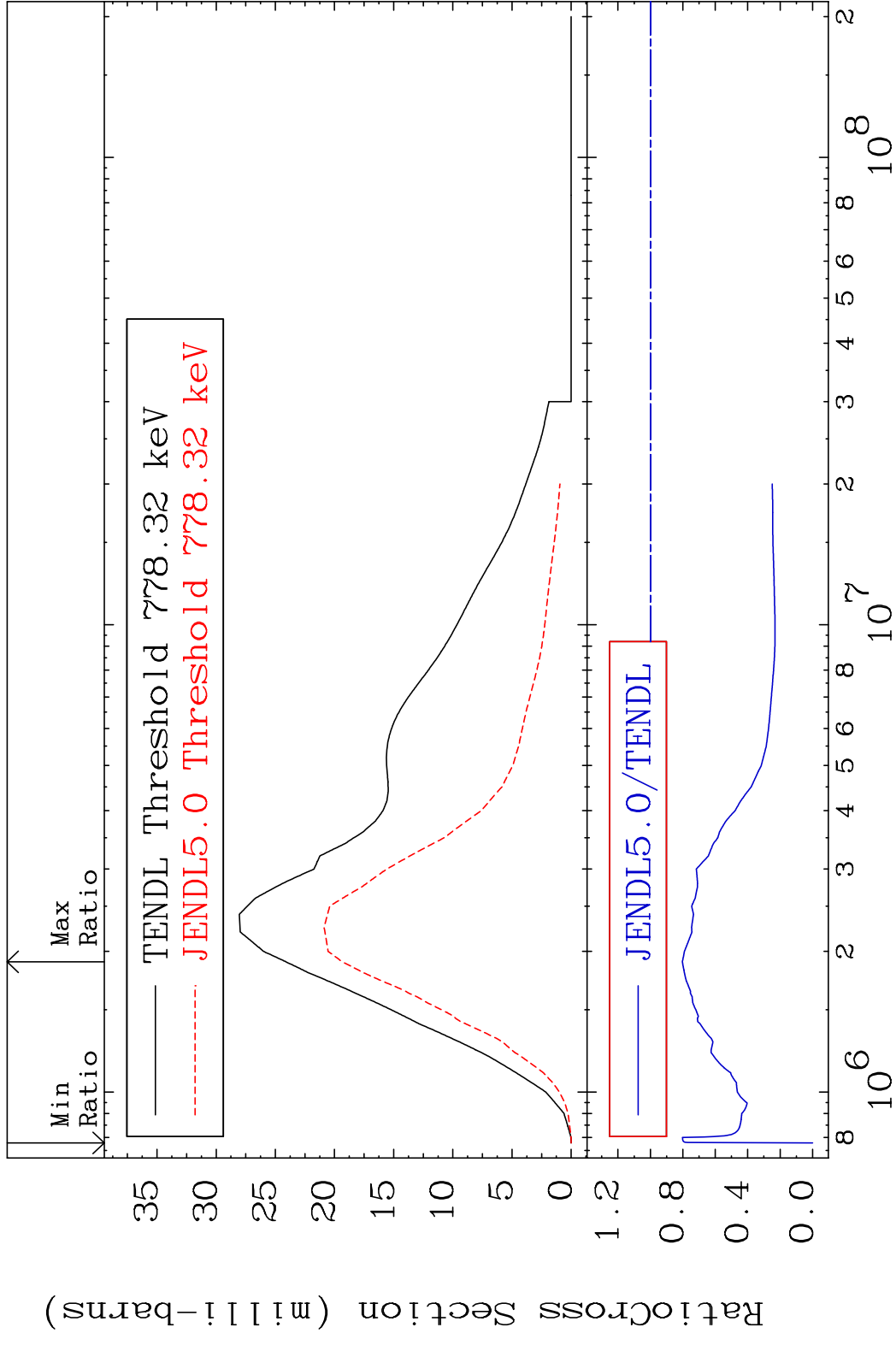
MAT 7625 MT= 51 (n,n') Level 76-0s-184
 Cross Section -100.0 To 167.5 %



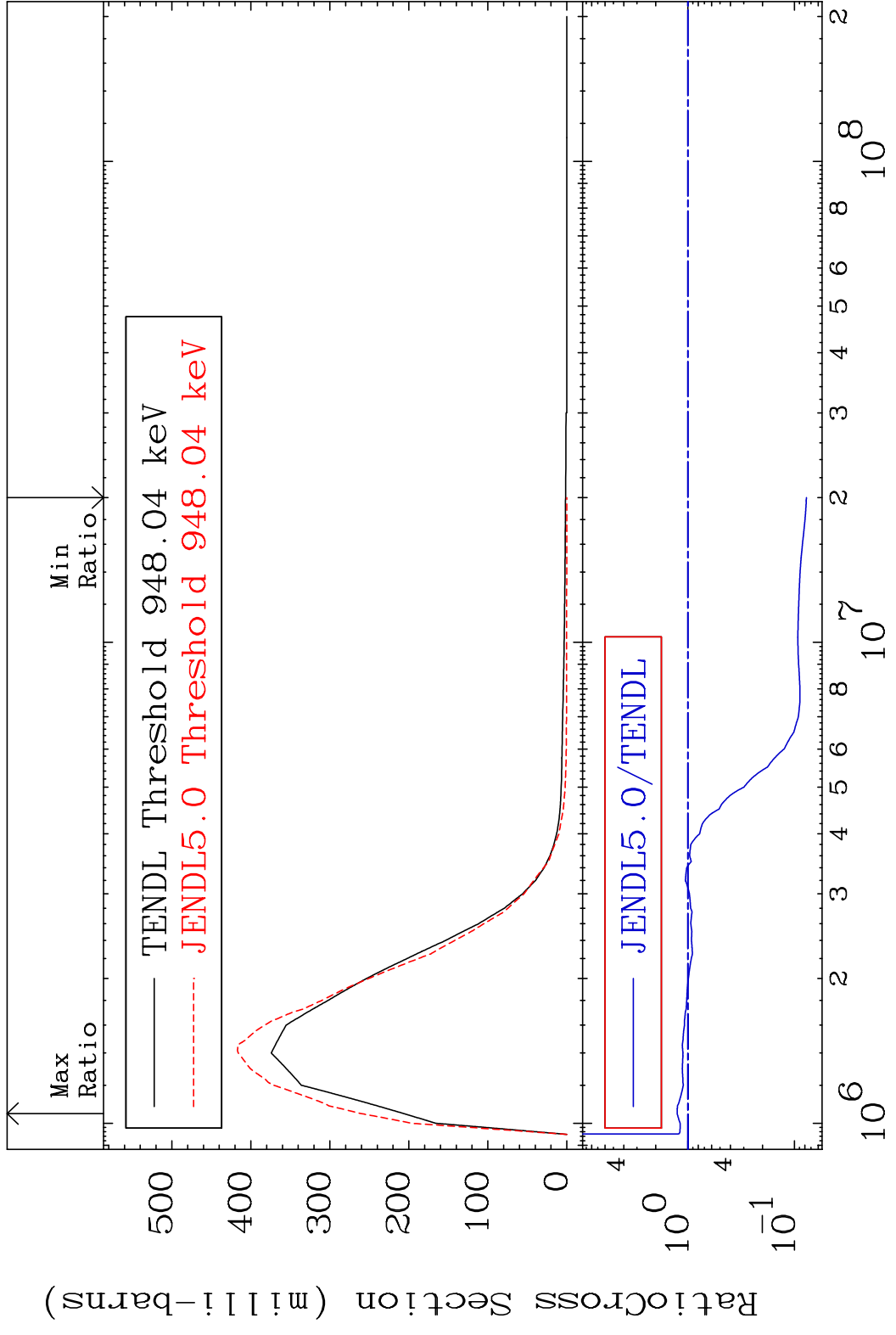
MAT 7625 MT= 52 (n,n') Level 76-0s-184
 Cross Section -100.0 To -4.913%



MAT 7625 MT= 53 (n,n') Level 76-0s-184
 Cross Section -100.0 To -19.72%

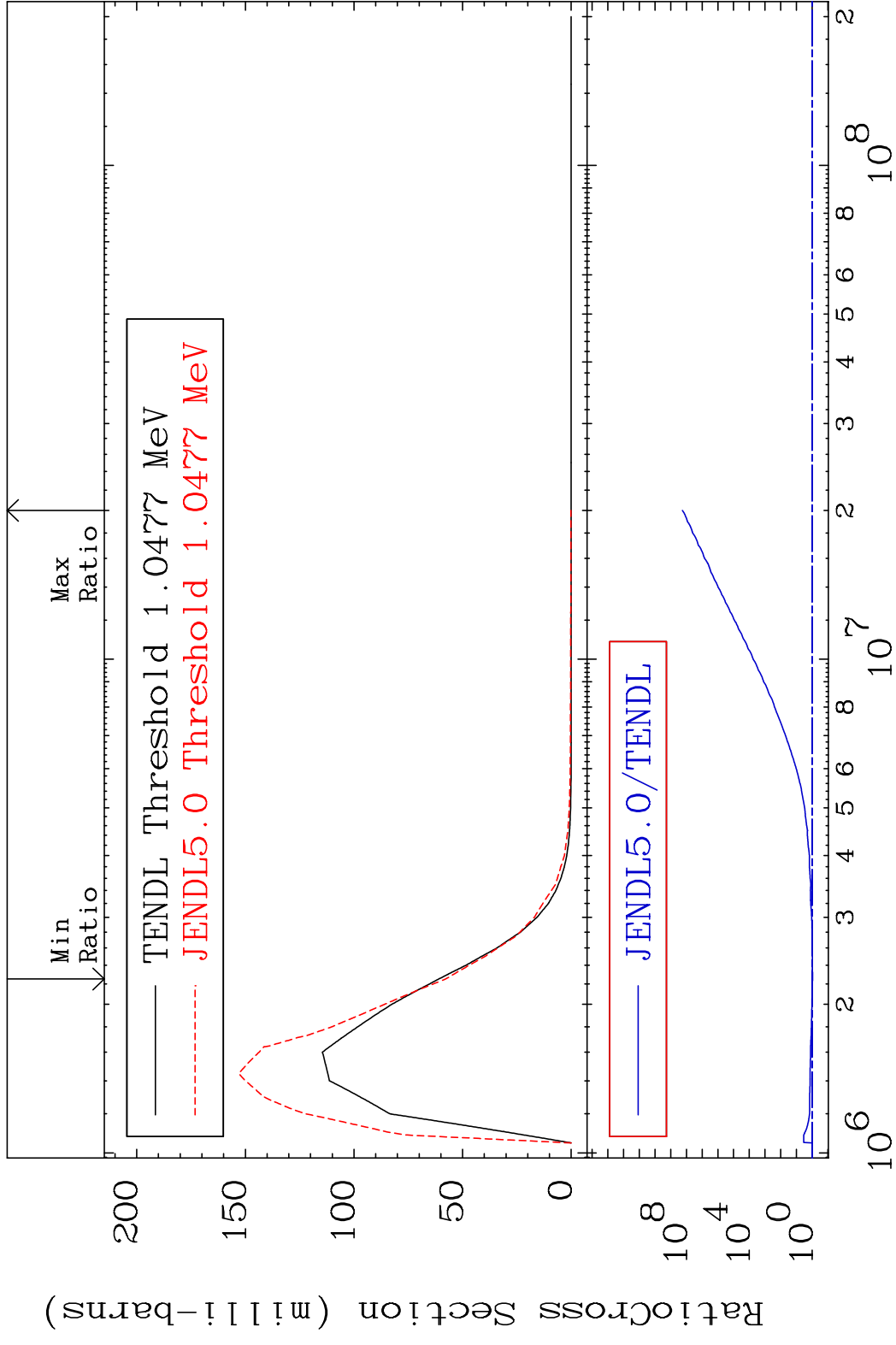


MAT 7625 MT= 54 (n, n') Level 76-0s-184
 Cross Section -92.26 To 26.06 %



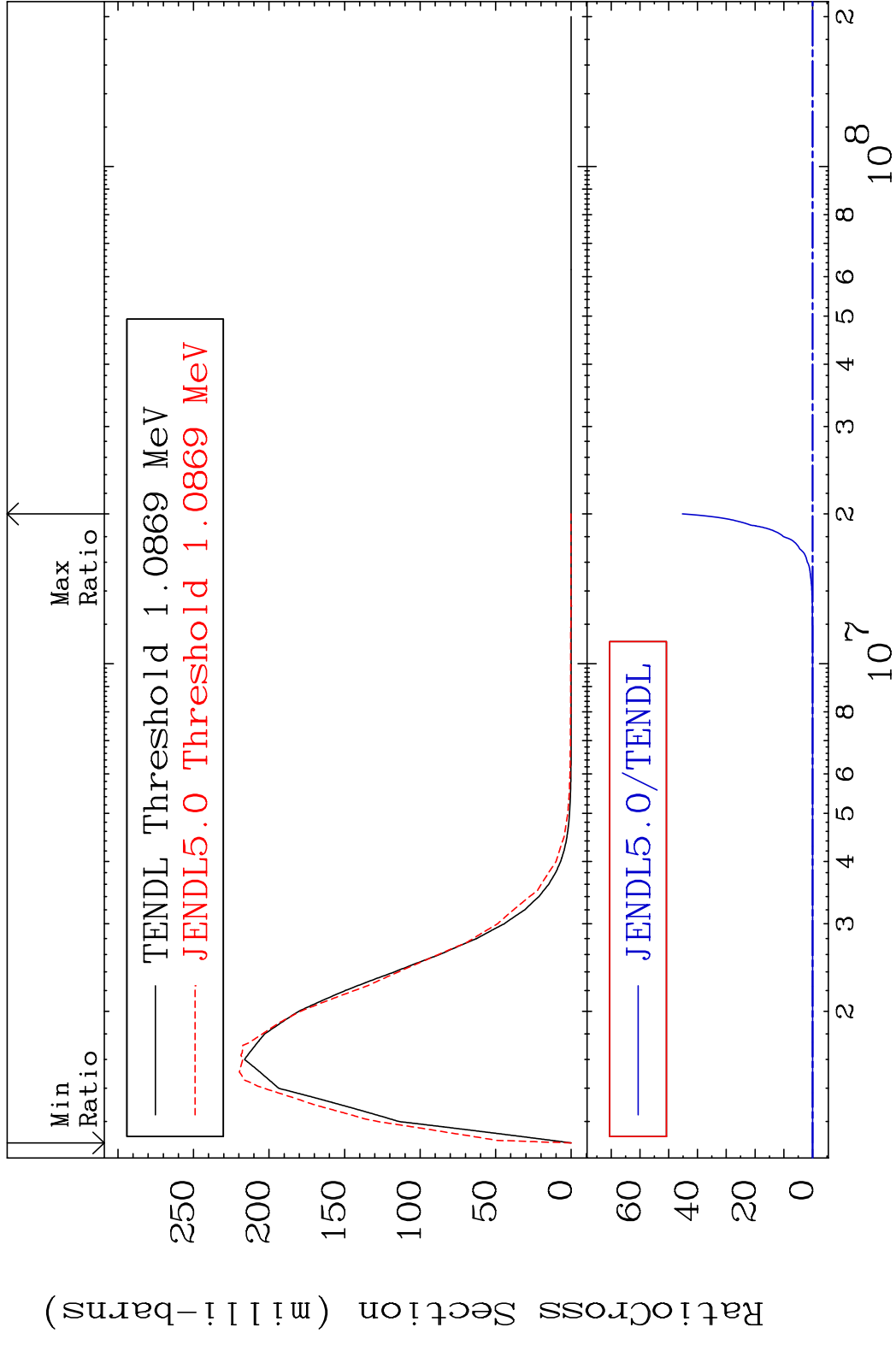
14 Incident Energy (eV) 76-0s-184

MAT 7625 MT= 55 (n, n') Level 76-0s-184
 Cross Section -5.213 To 9999. %

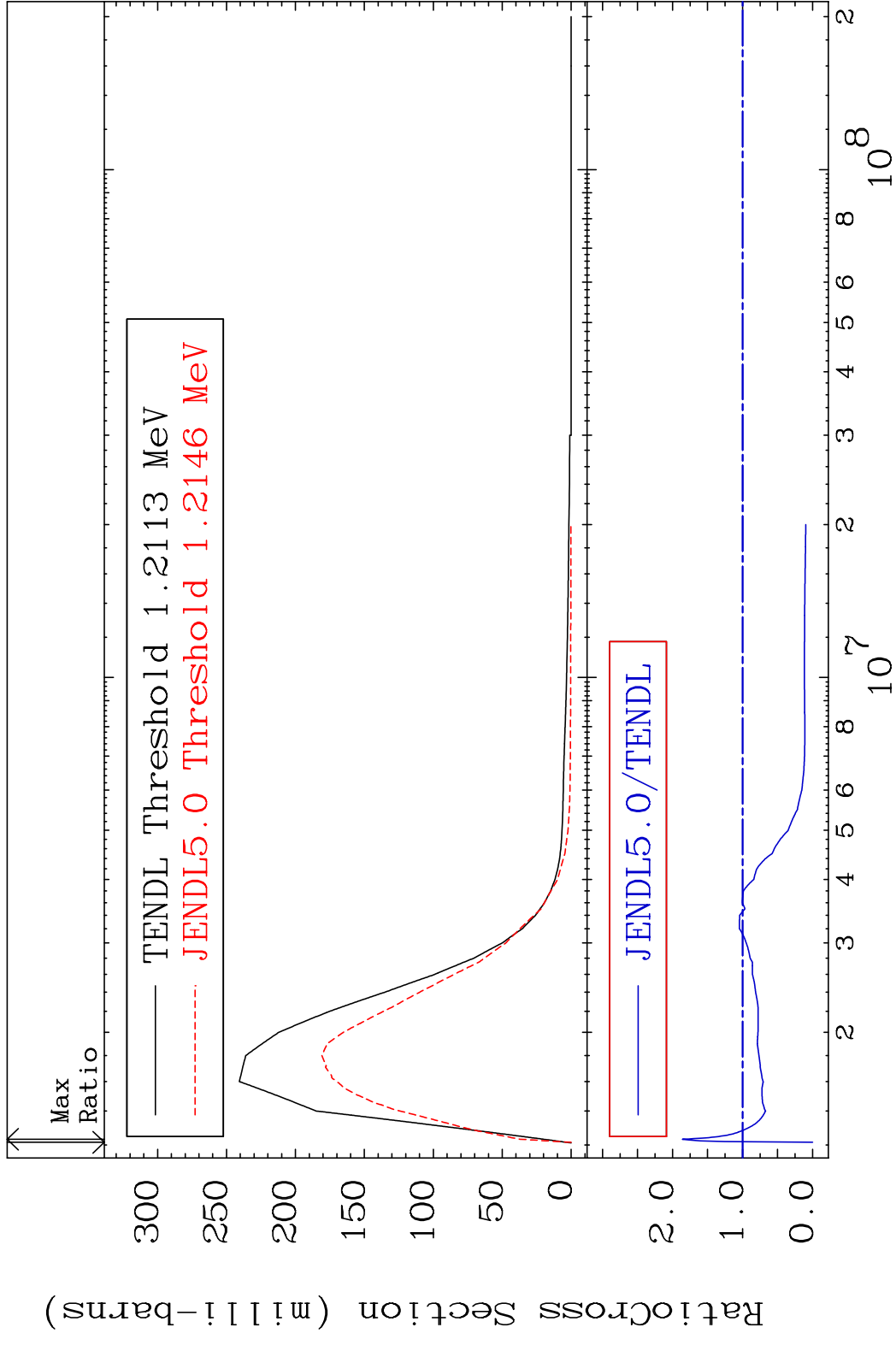


15 Incident Energy (eV) 76-0s-184

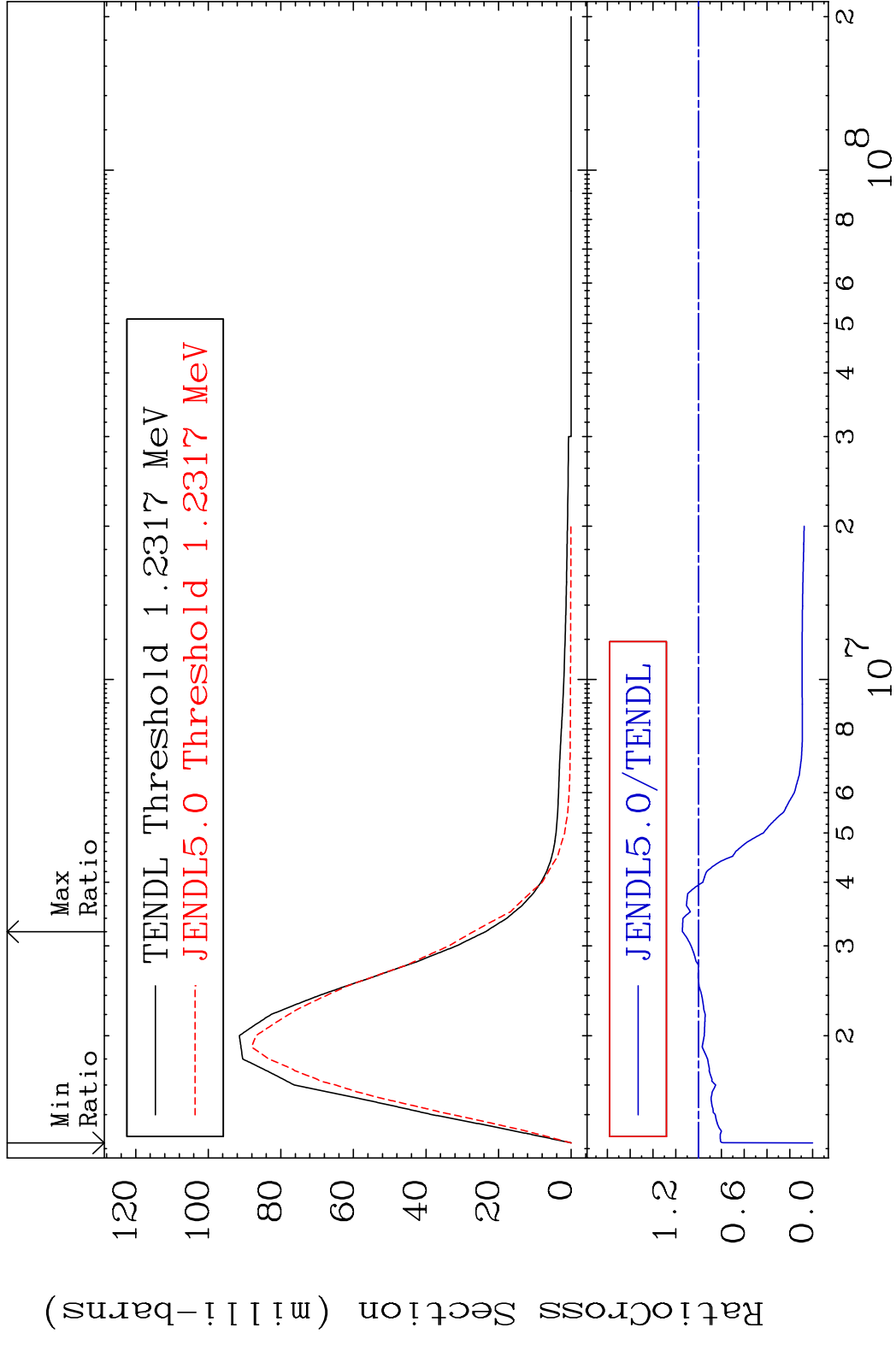
MAT 7625 MT= 56 (n, n') Level 76-0s-184
 Cross Section -100.0 To 9999. %



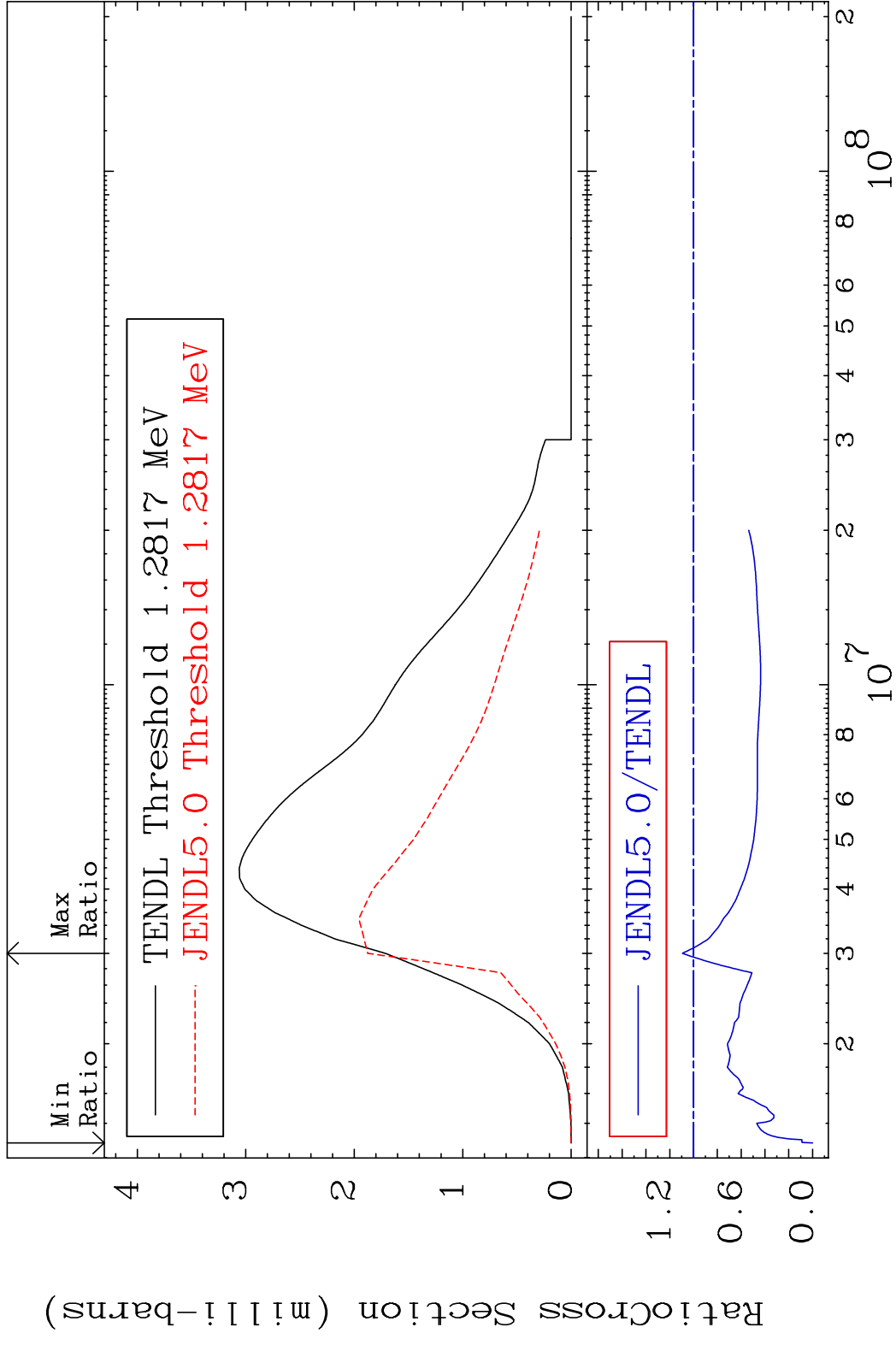
MAT 7625 MT= 57 (n, n') Level 76-0s-184
 Cross Section -100.0 To 86.02 %



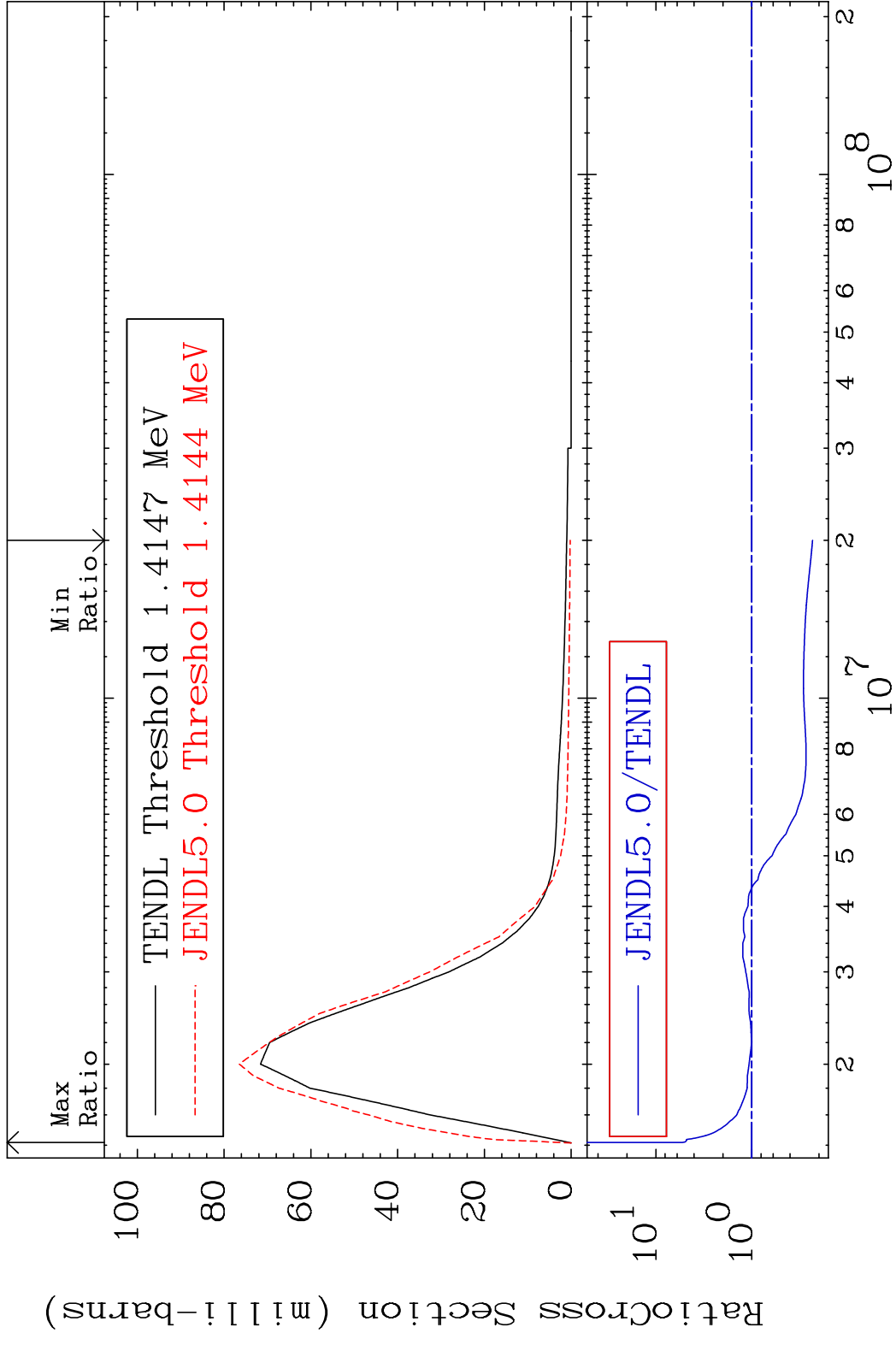
MAT 7625 MT= 58 (n,n') Level 76-0s-184
 Cross Section -100.0 To 14.18 %



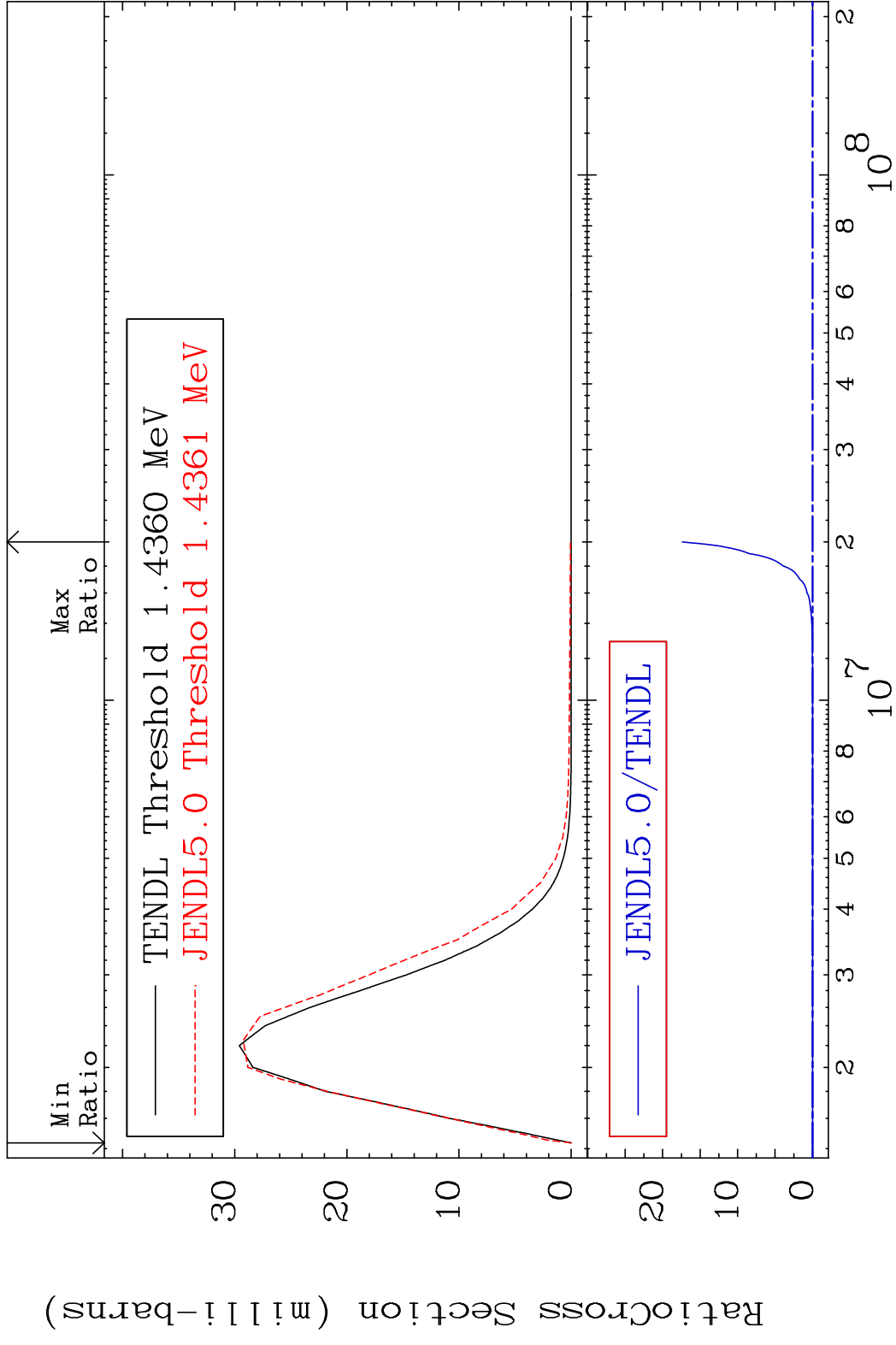
MAT 7625 MT= 59 (n, n') Level 76-0s-184
 Cross Section -100.0 To 9.396 %



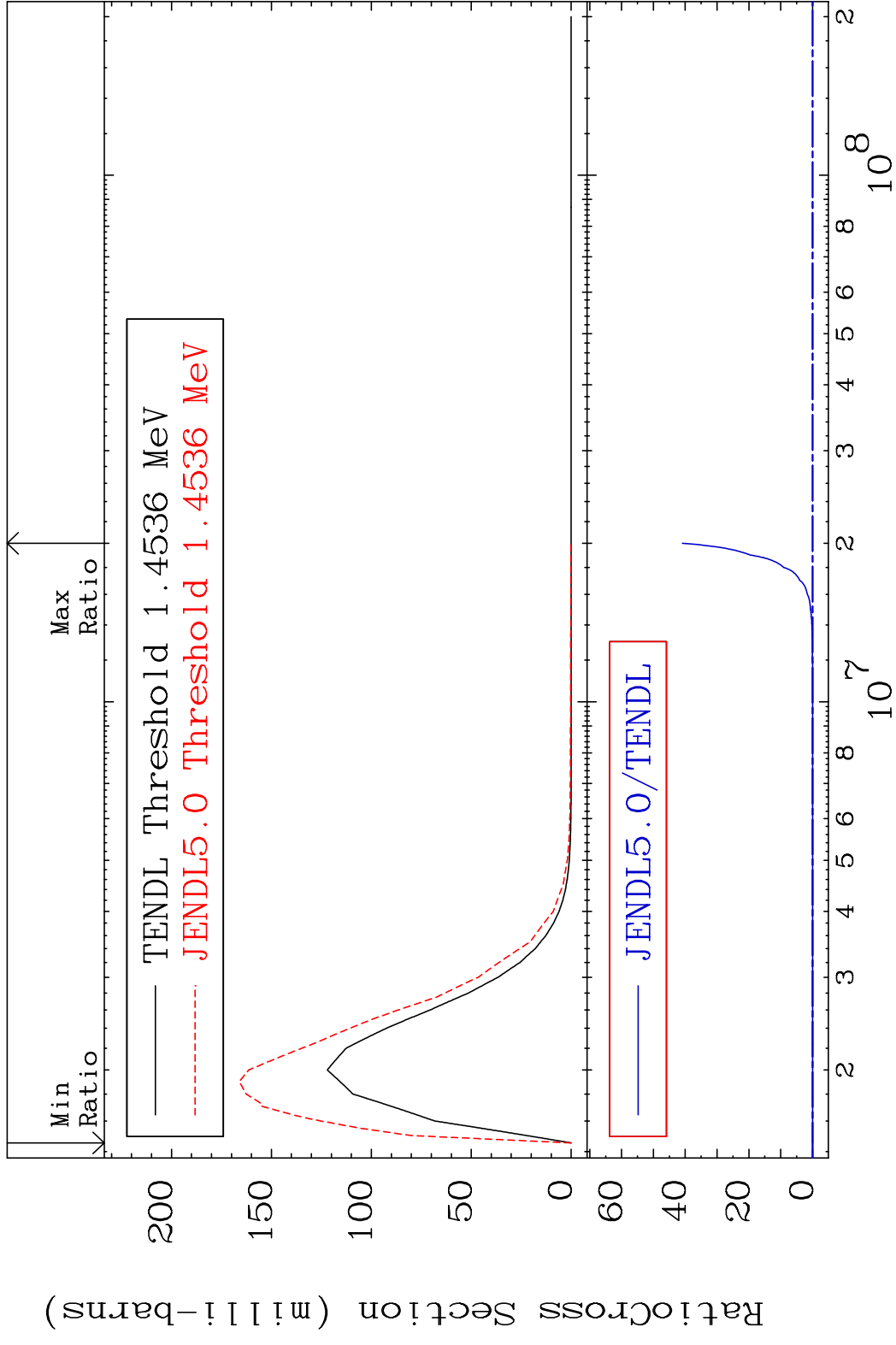
MAT 7625 MT= 60 (n, n') Level 76-0s-184
 Cross Section -76.72 To 429.3 %



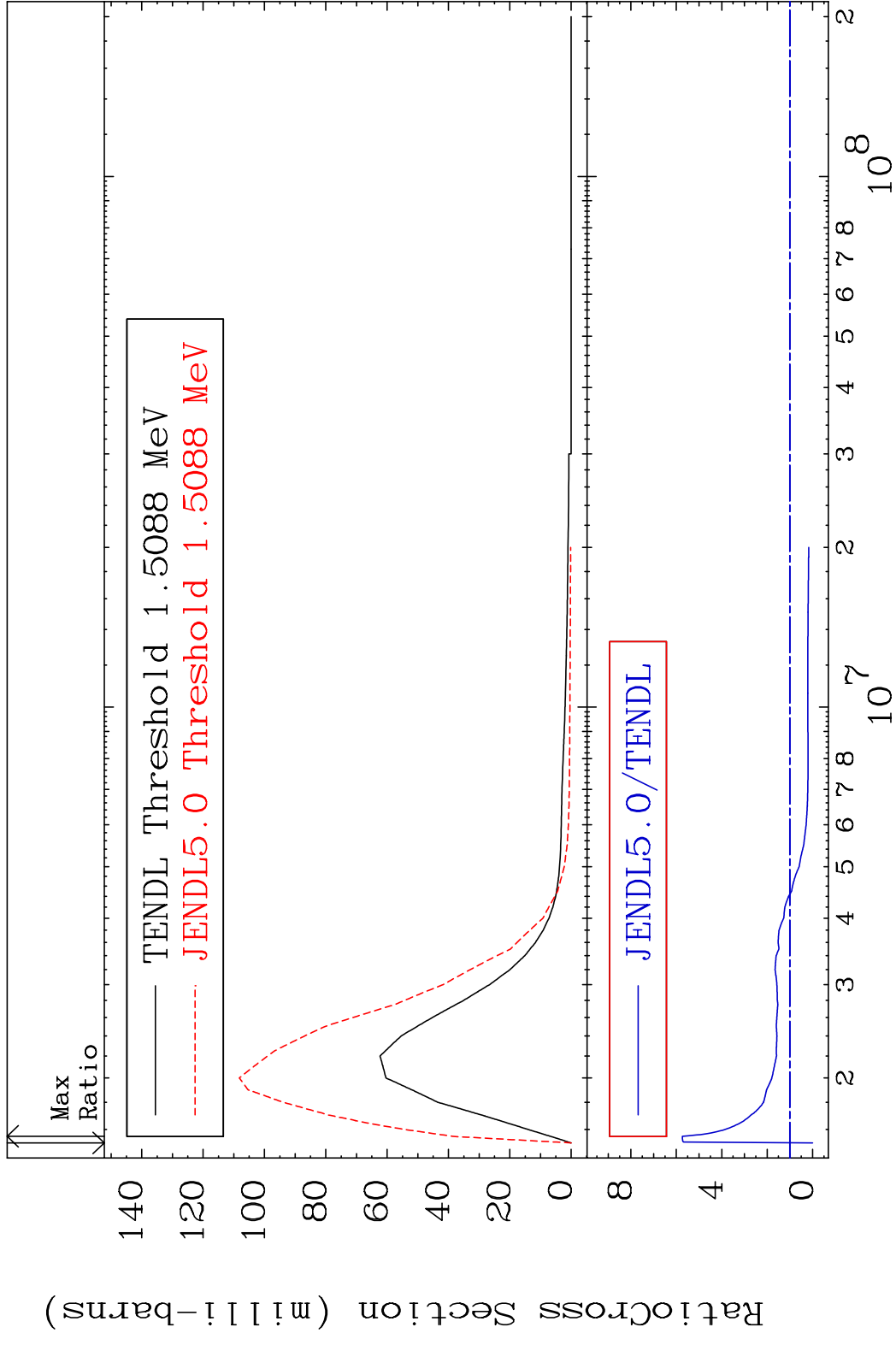
MAT 7625 MT= 61 (n, n') Level 76-0s-184
 Cross Section -100.0 To 9999. %



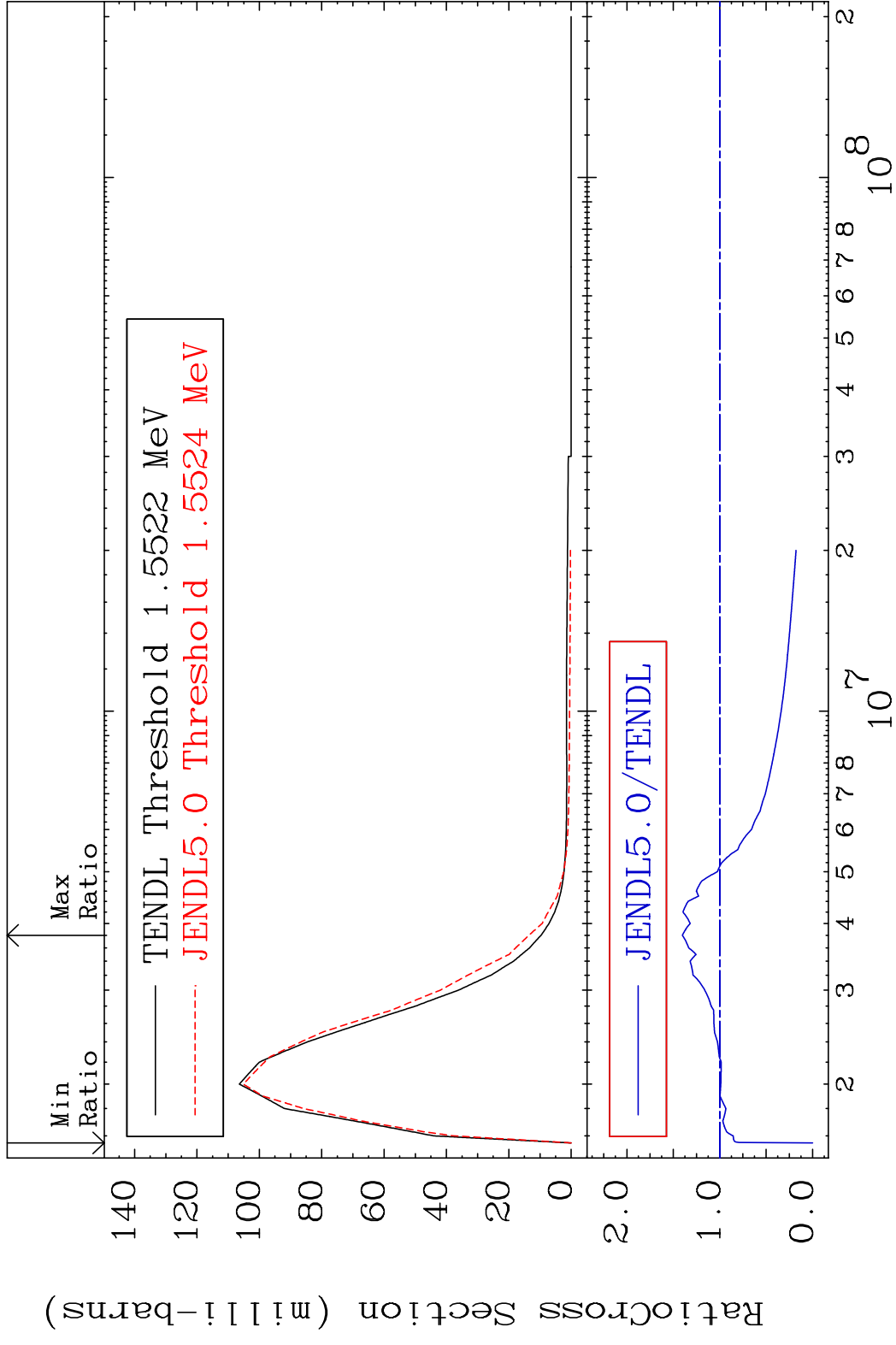
MAT 7625 MT= 62 (n, n') Level 76-0s-184
 Cross Section -100.0 To 9999. %



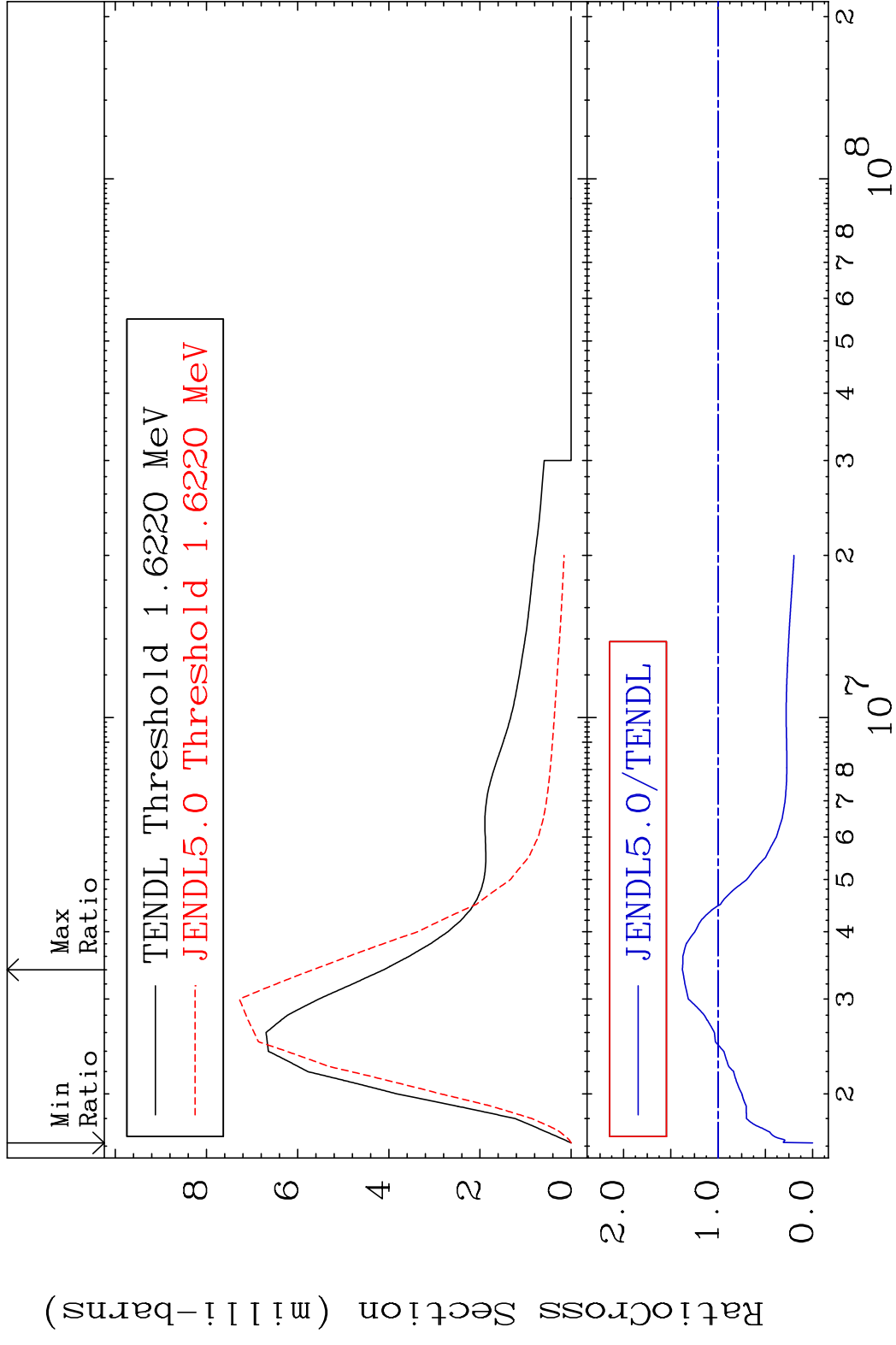
MAT 7625 MT= 63 (n, n') Level 76-0s-184
 Cross Section -100.0 To 473.5 %



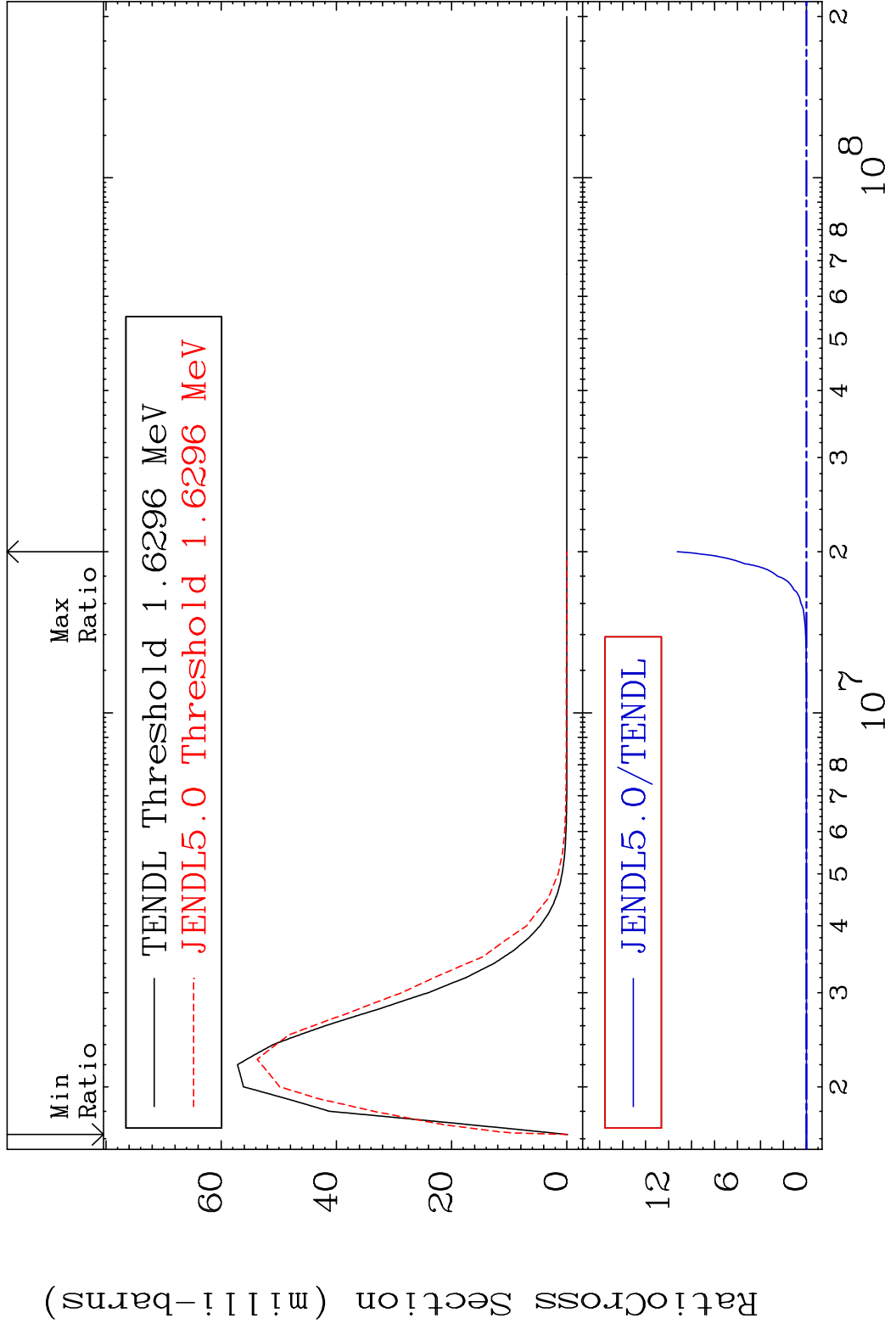
MAT 7625 MT= 64 (n,n') Level 76-0s-184
 Cross Section -100.0 To 40.24 %



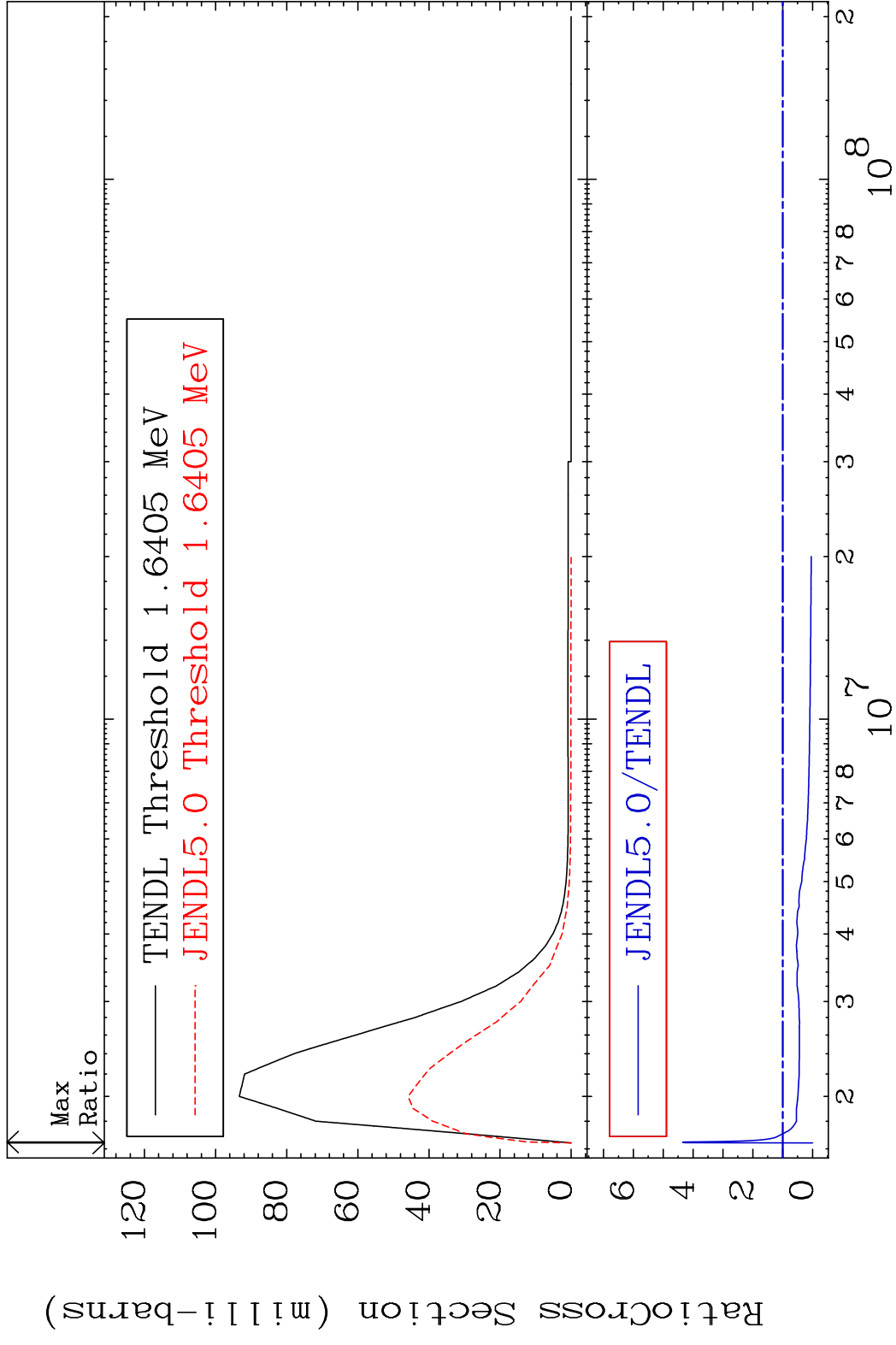
MAT 7625 MT= 65 (n,n') Level 76-0s-184
 Cross Section -100.0 To 37.81 %



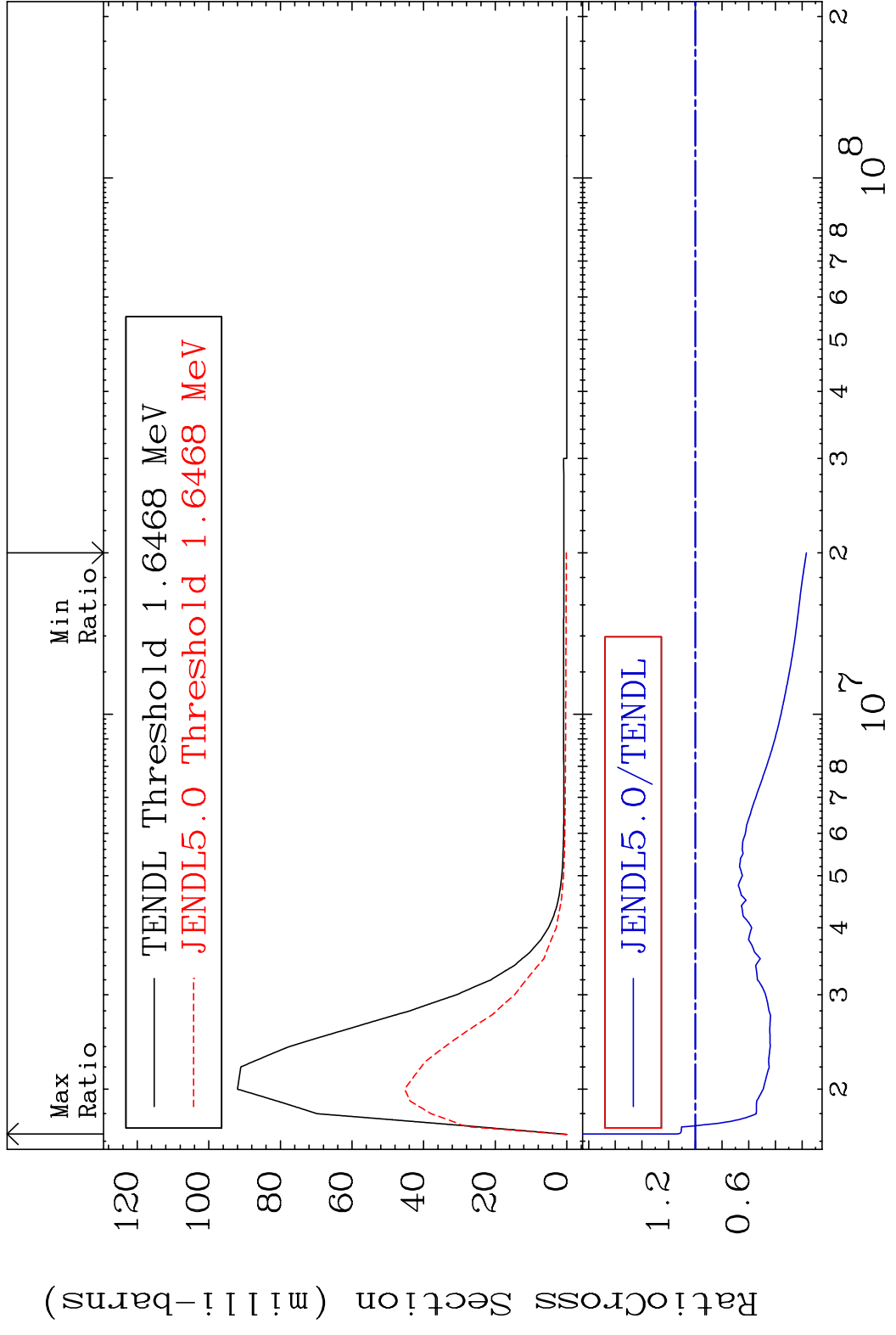
MAT 7625 MT= 66 (n,n') Level 76-0s-184
 Cross Section -100.0 To 9999. %



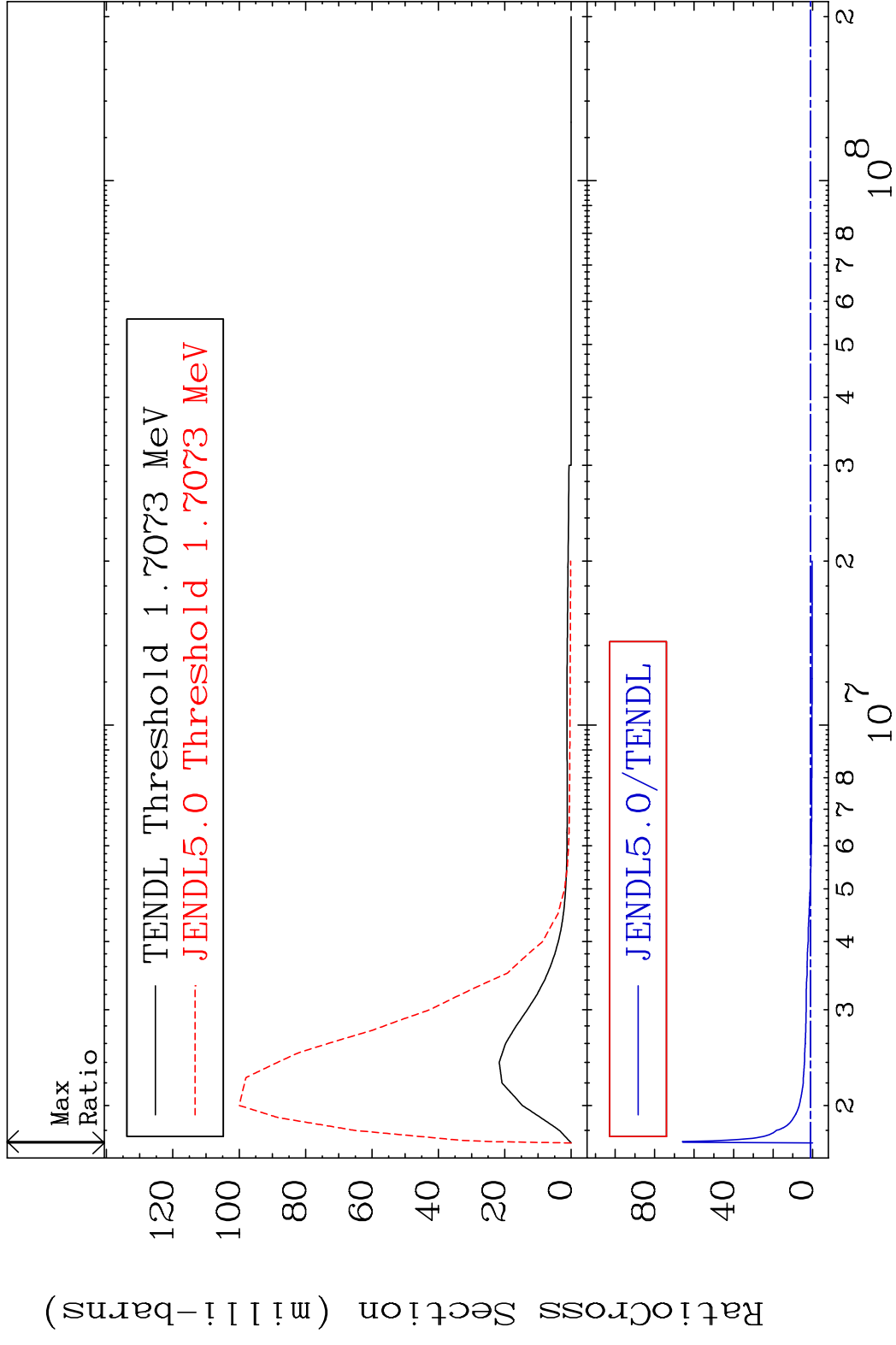
MAT 7625 MT= 67 (n,n') Level 76-0s-184
 Cross Section -100.0 To 336.0 %



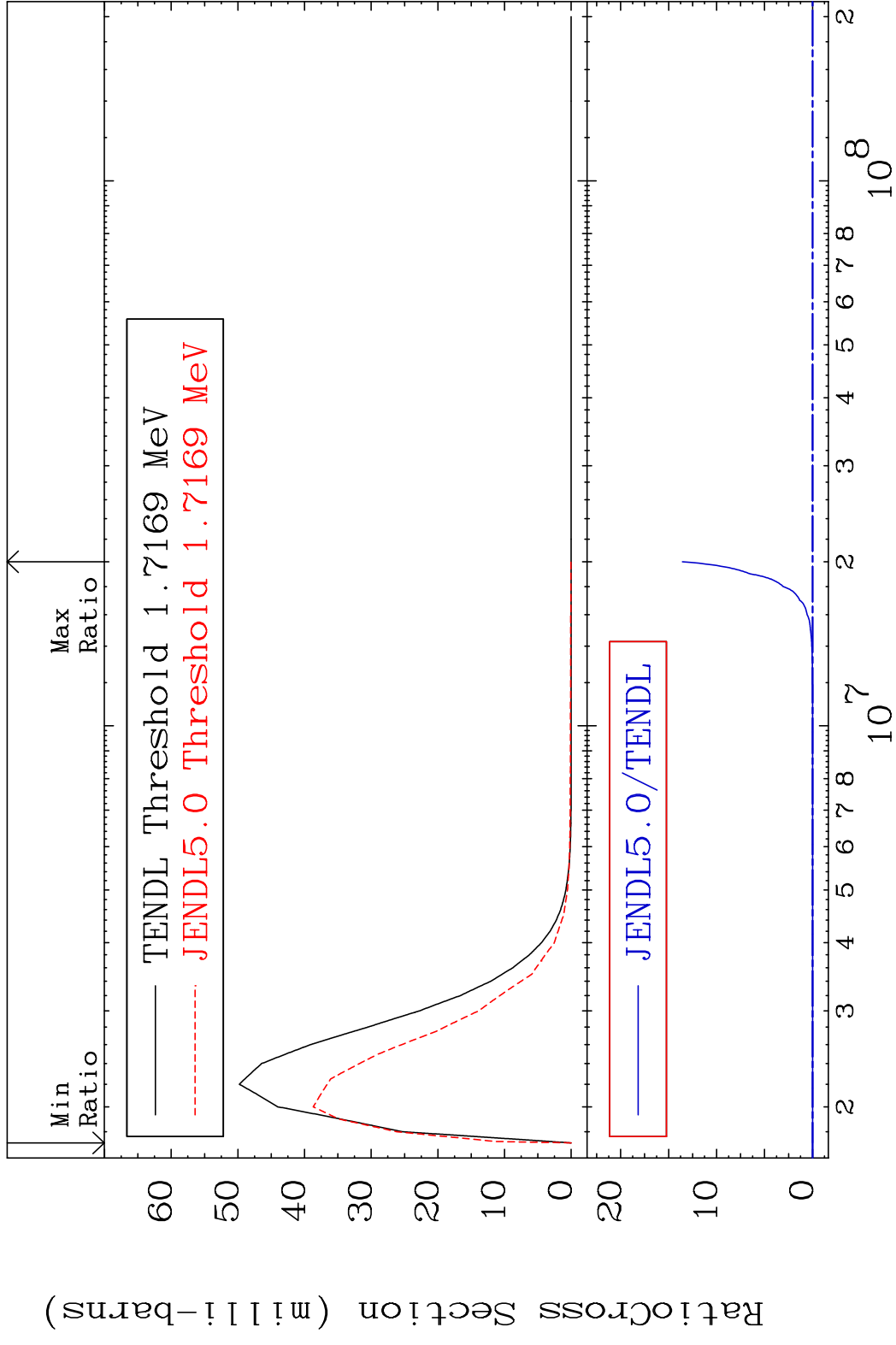
MAT 7625 MT= 68 (n, n') Level 76-0s-184
 Cross Section -83.22 To 13.62 %



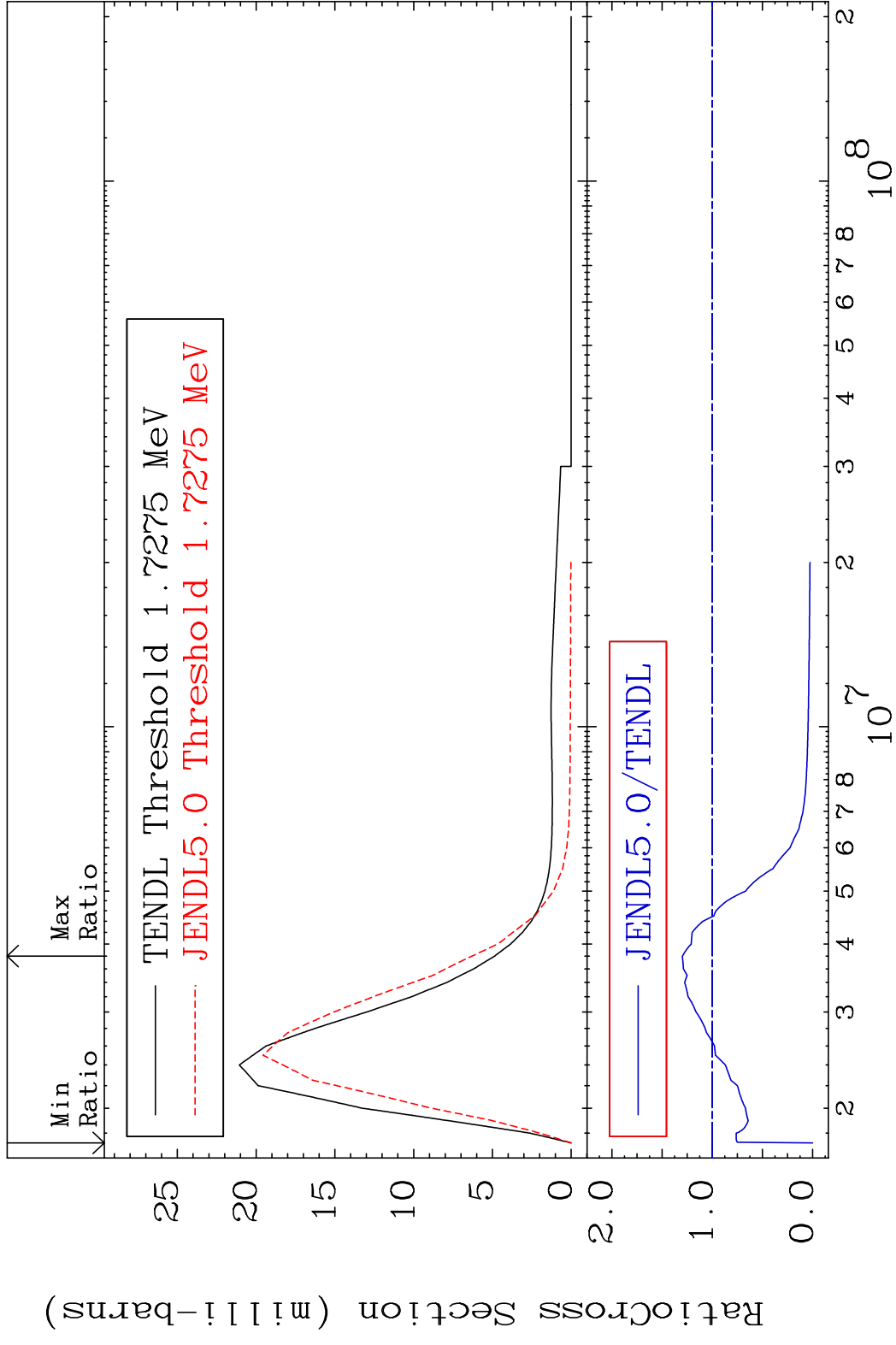
MAT 7625 MT= 69 (n,n') Level 76-0s-184
 Cross Section -100.0 To 6496. %



MAT 7625 MT= 70 (n, n') Level 76-0s-184
 Cross Section -100.0 To 9999. %



MAT 7625 MT= 71 (n,n') Level 76-0s-184
 Cross Section -100.0 To 29.78 %

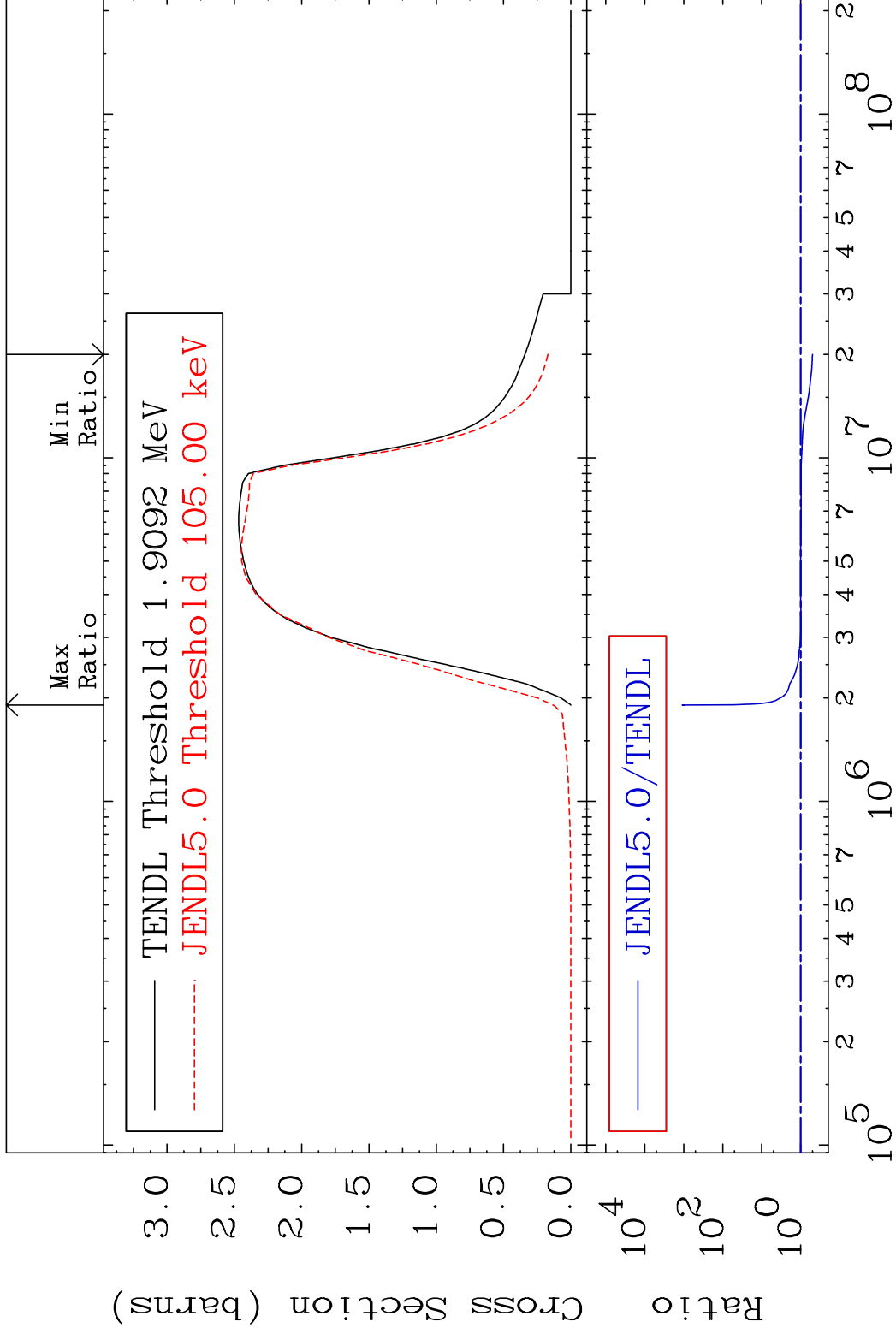


MAT 7625

(n, n') Continuum

76-0s-184

Cross Section -50.01 To 9999. %



32

Incident Energy (eV)

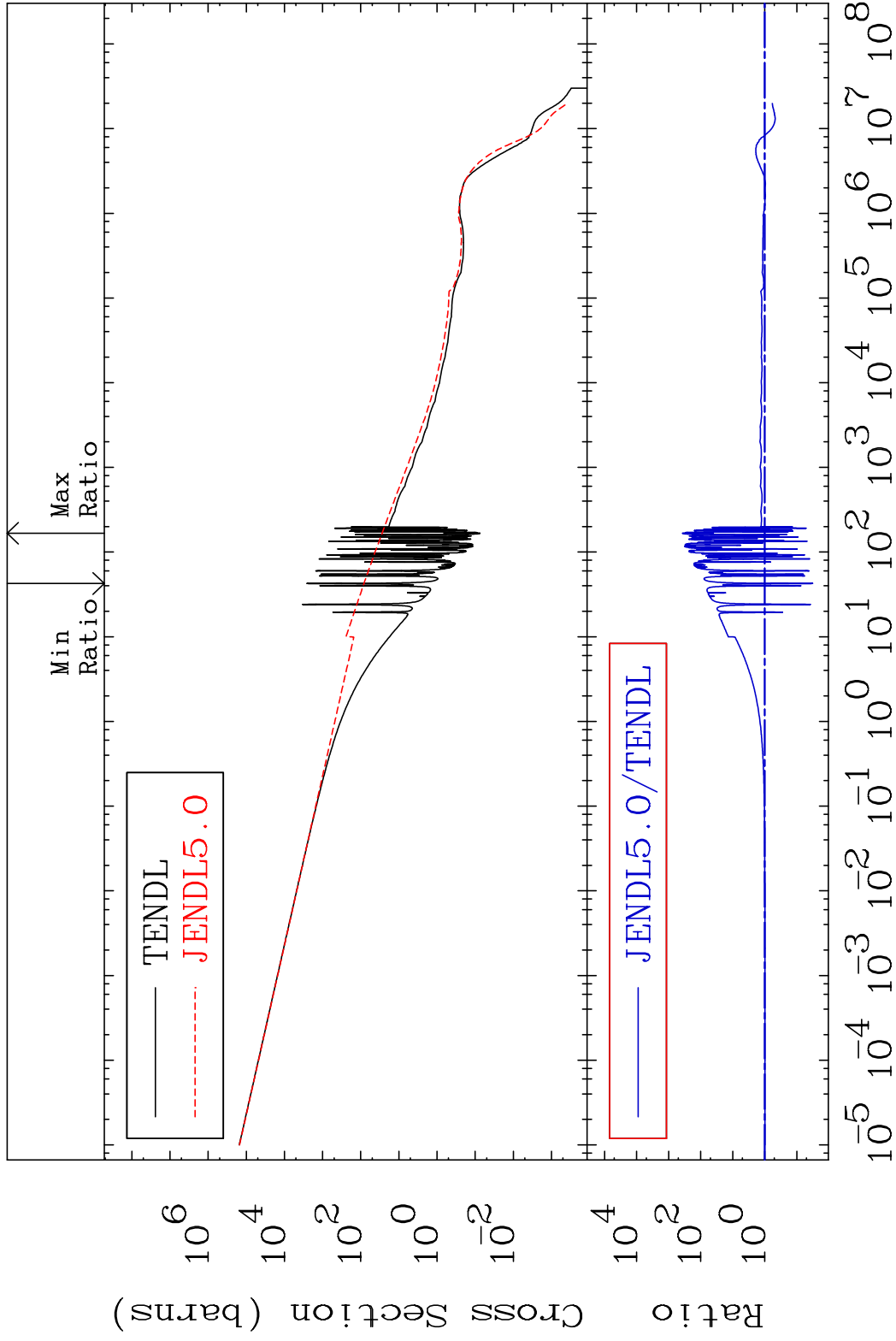
76-0s-184

MAT 7625

(n, γ)

76-0s-184

Cross Section -96.78 To 9999. %

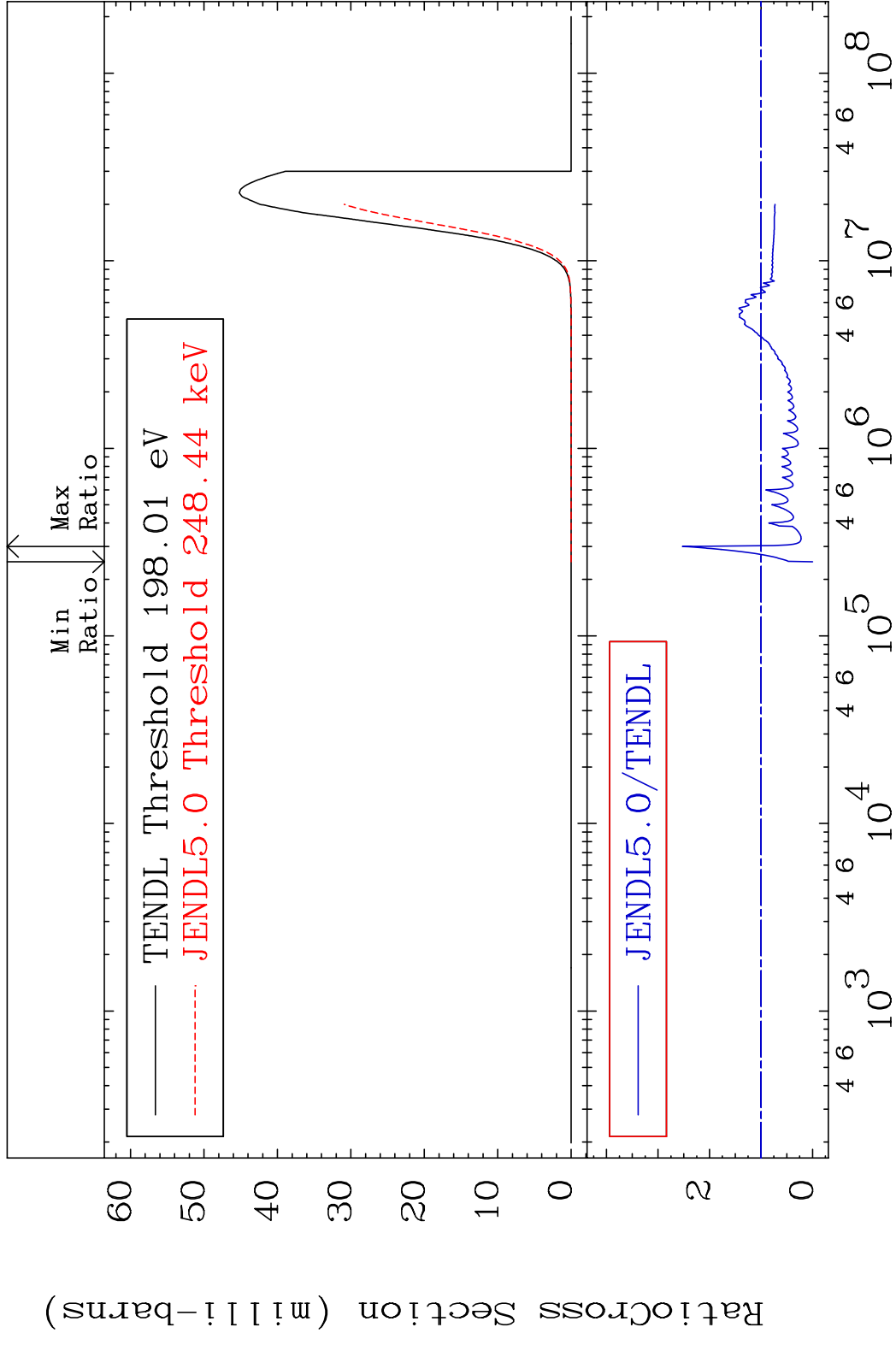


33

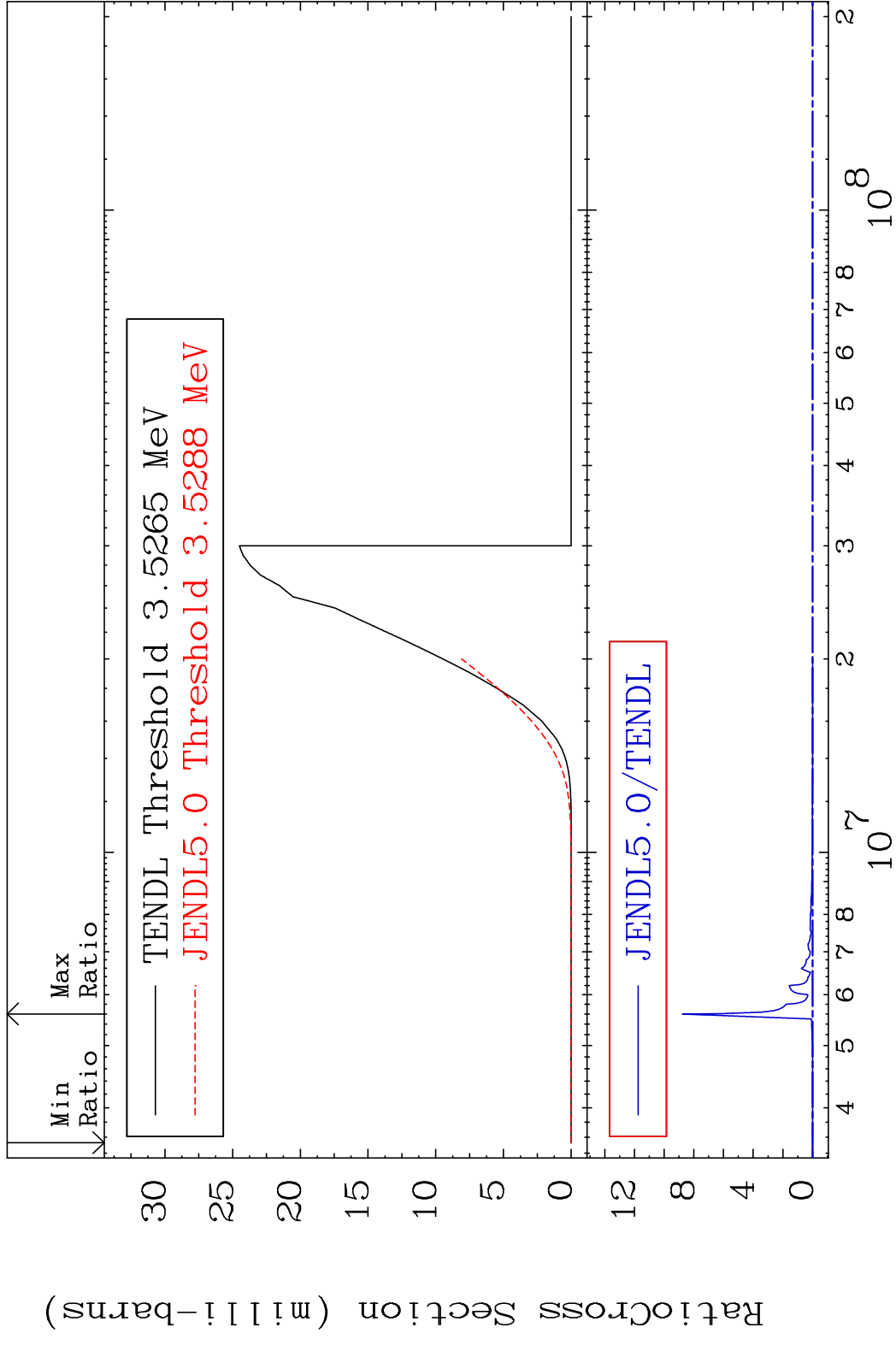
Incident Energy (eV)

76-0s-184

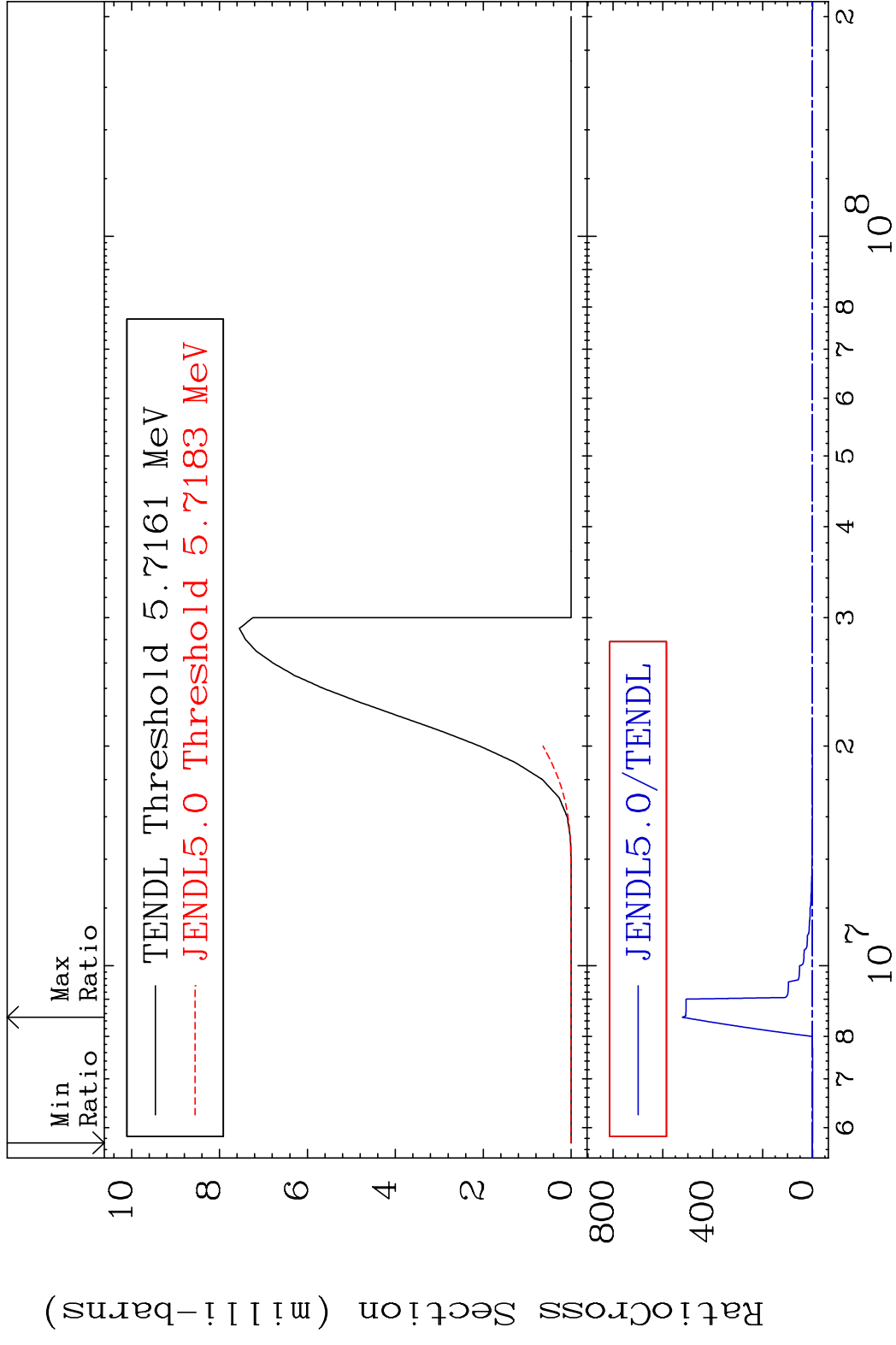
MAT 7625 (n,p) 76-Os-184
 Cross Section -100.0 To 152.8 %

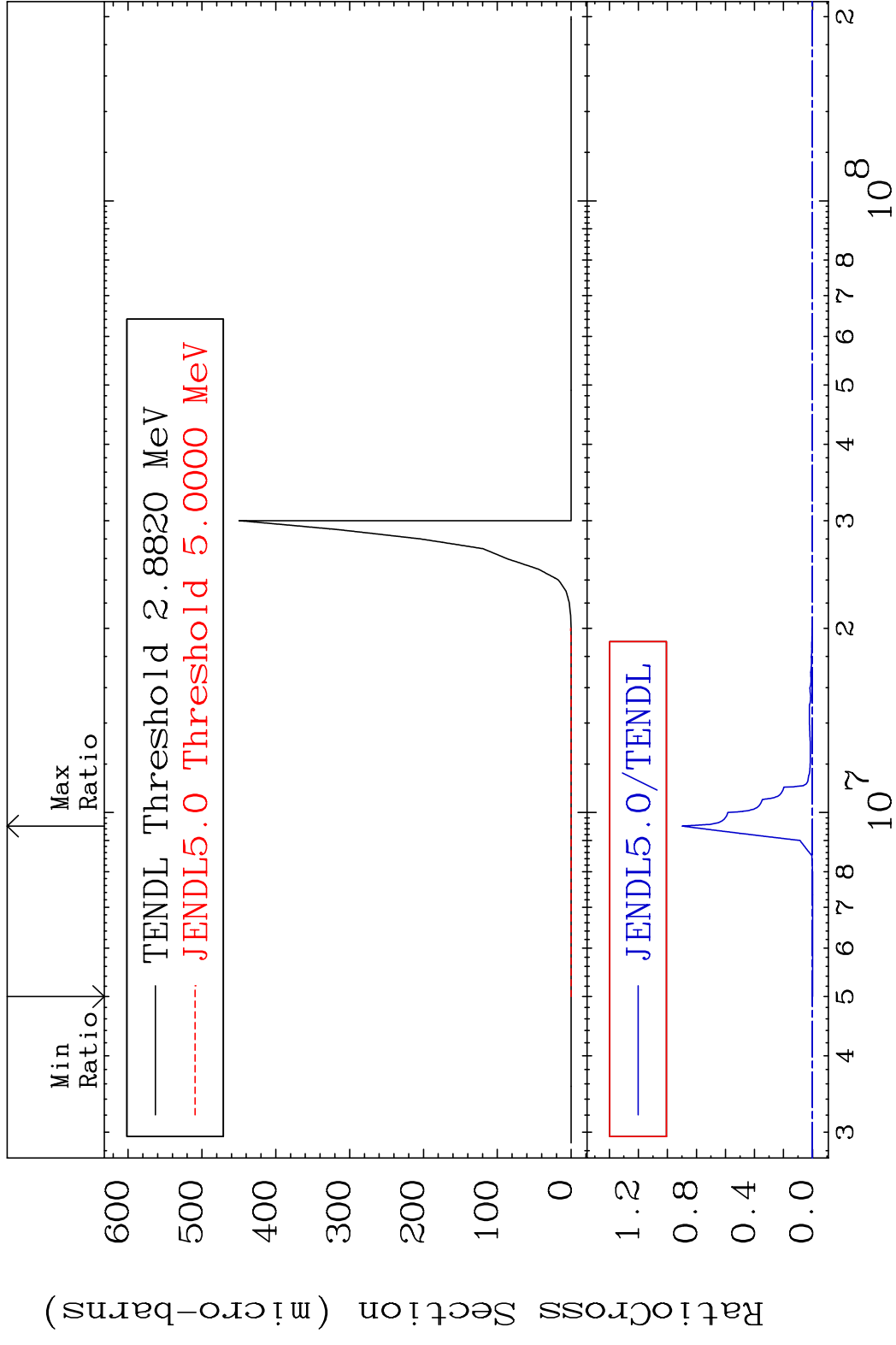


MAT 7625 (n,d) 76-0s-184
 Cross Section -100.0 To 9999. %



MAT 7625 (n, t) 76-Os-184
 Cross Section -100.0 To 9999. %



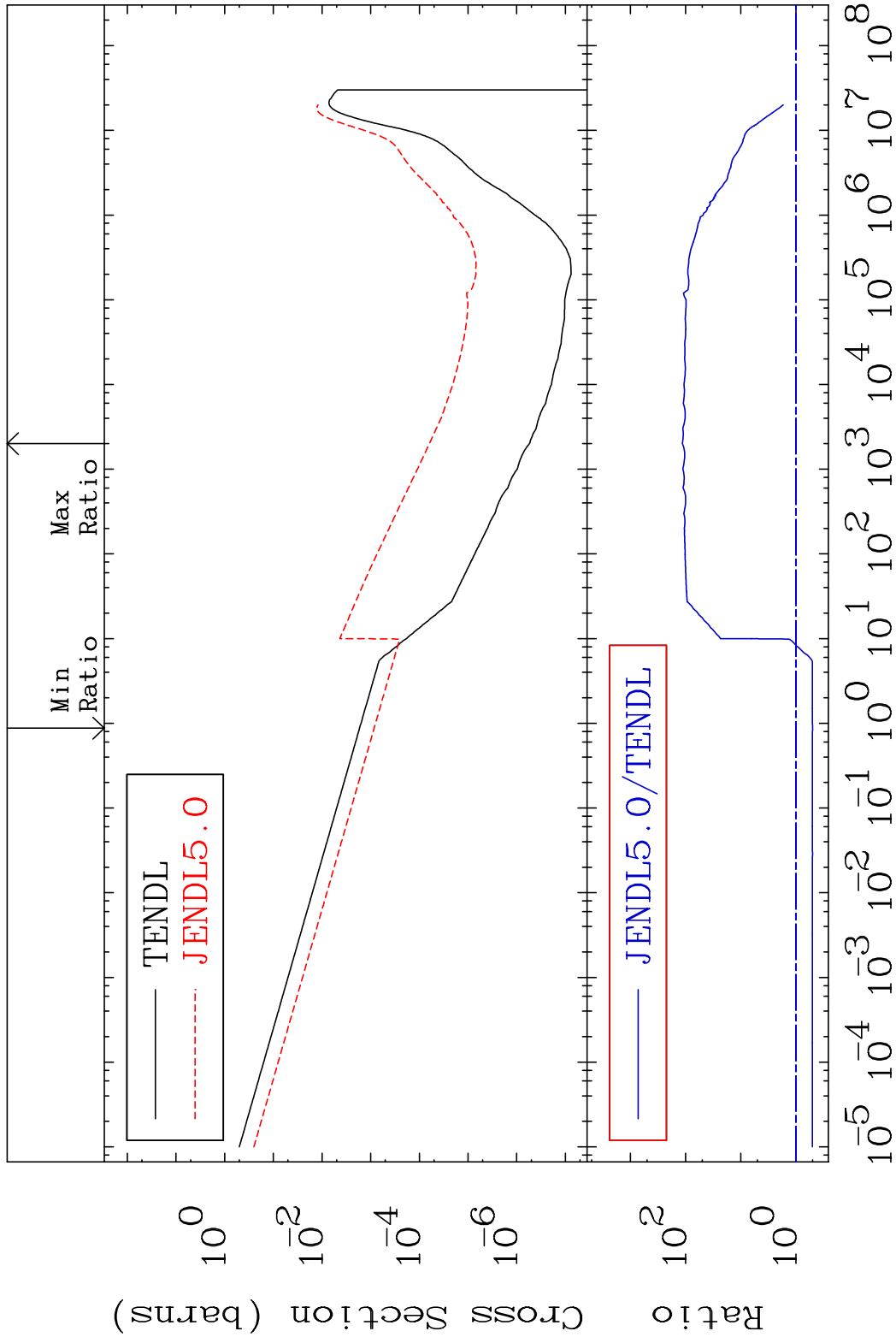


MAT 7625

(n, α)

76-0s-184

Cross Section -49.90 To 9999. %

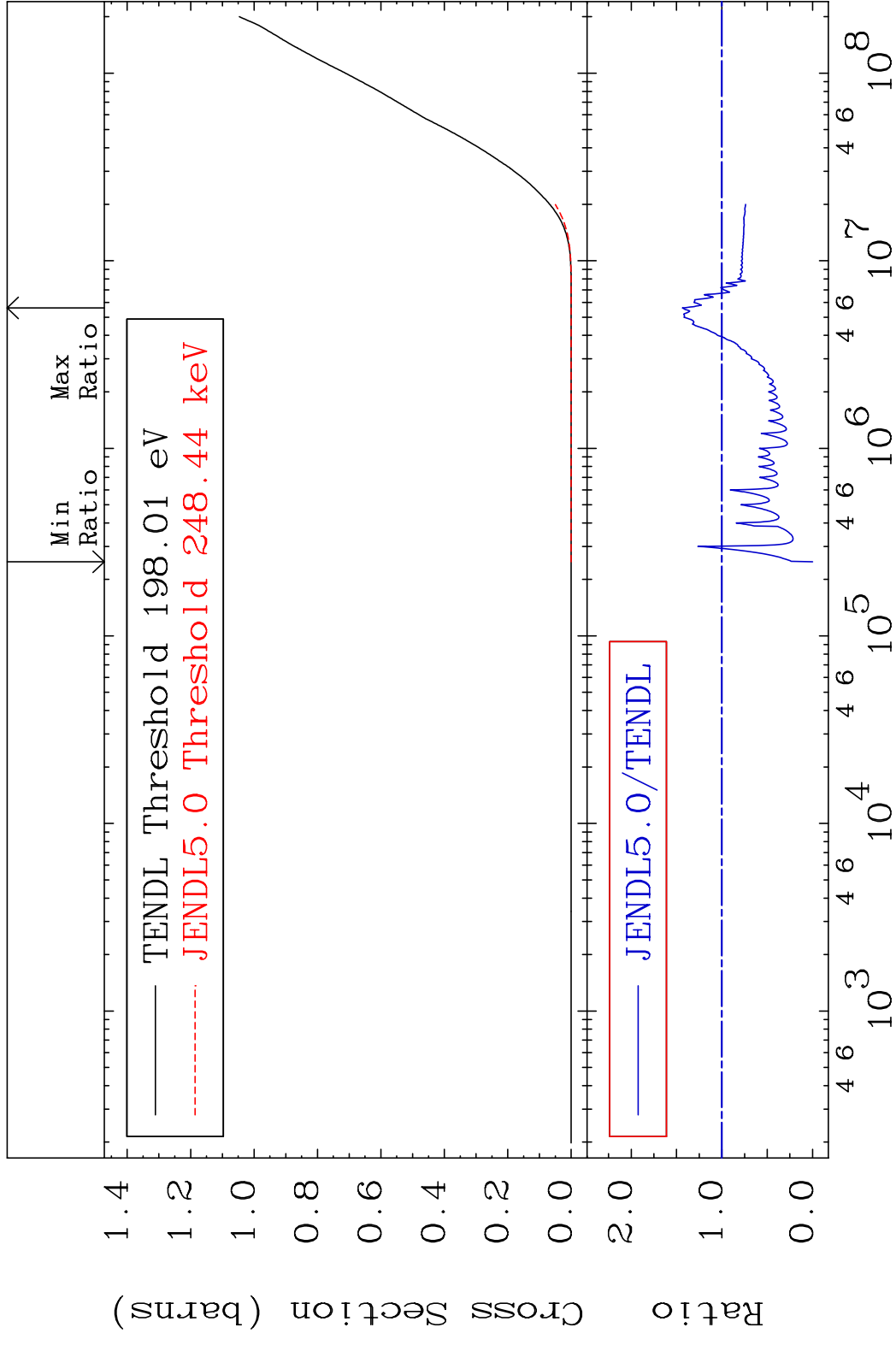


38

Incident Energy (eV)

76-0s-184

MAT 7625 Hydrogen Production 76-Os-184
 Cross Section -100.0 To 43.62 %

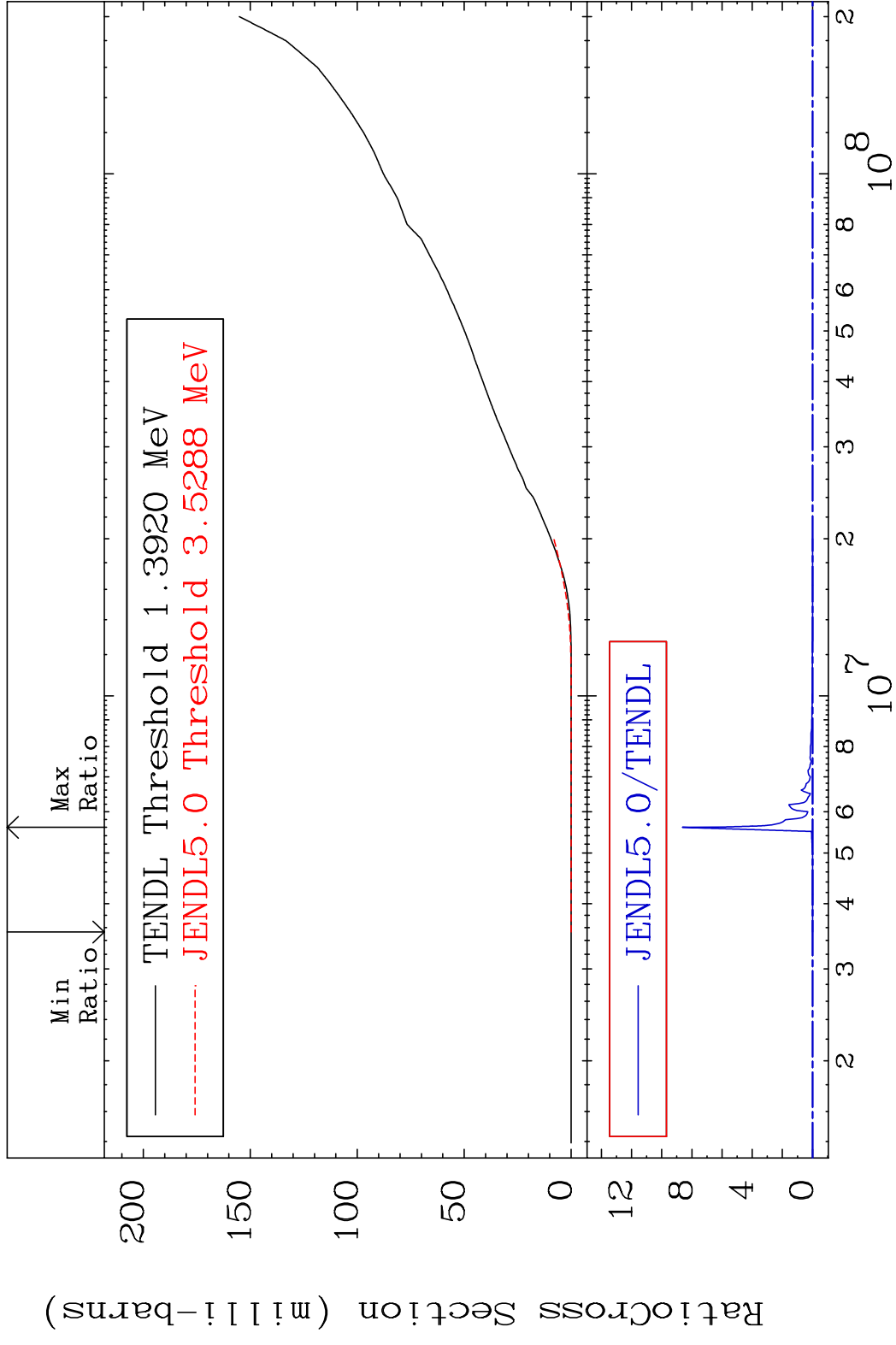


MAT 7625

Deuterium Production

76-Os-184

Cross Section -100.0 To 9999. %

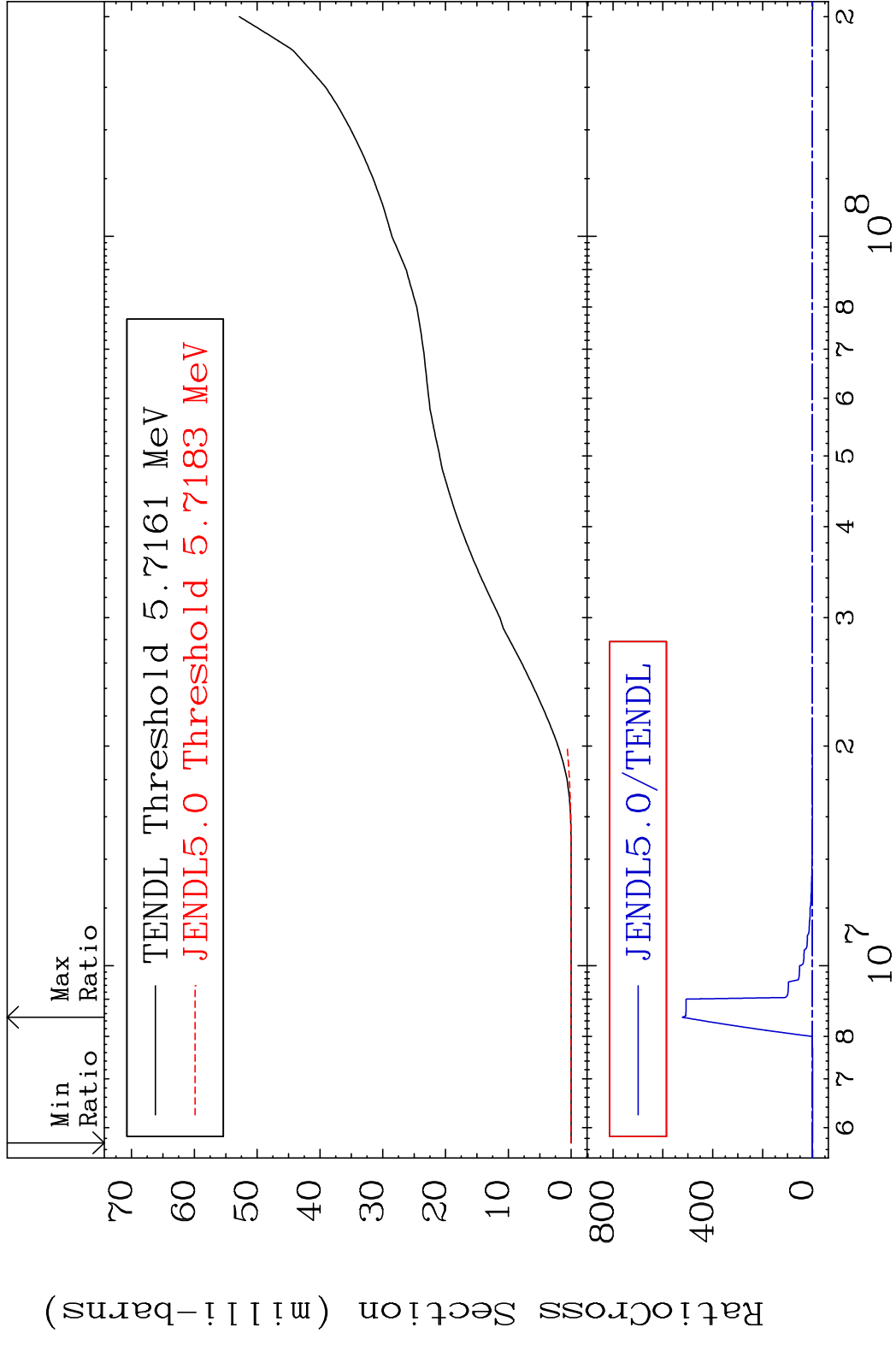


40

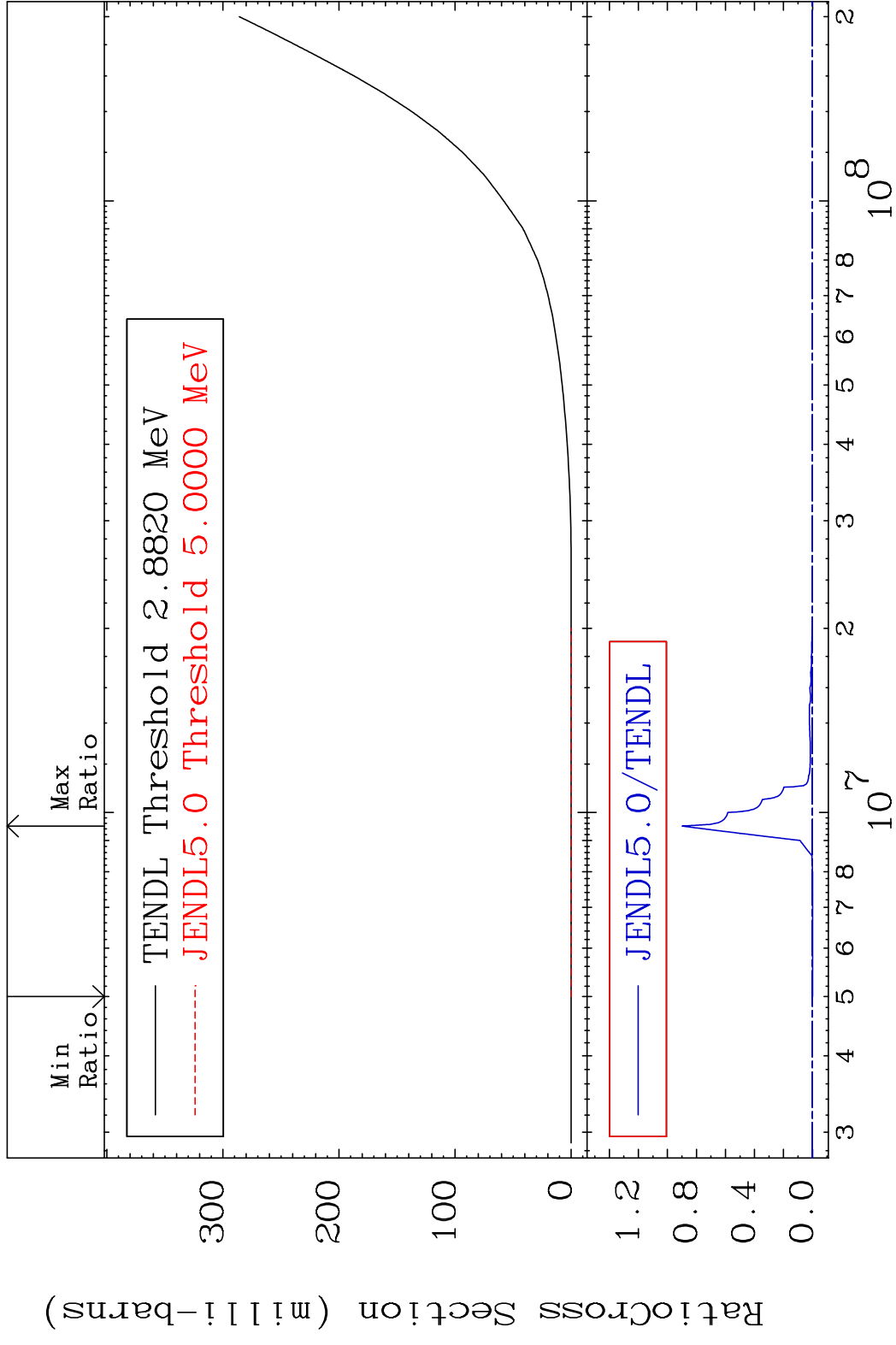
Incident Energy (eV)

76-Os-184

MAT 7625 Tritium Production 76-Os-184
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

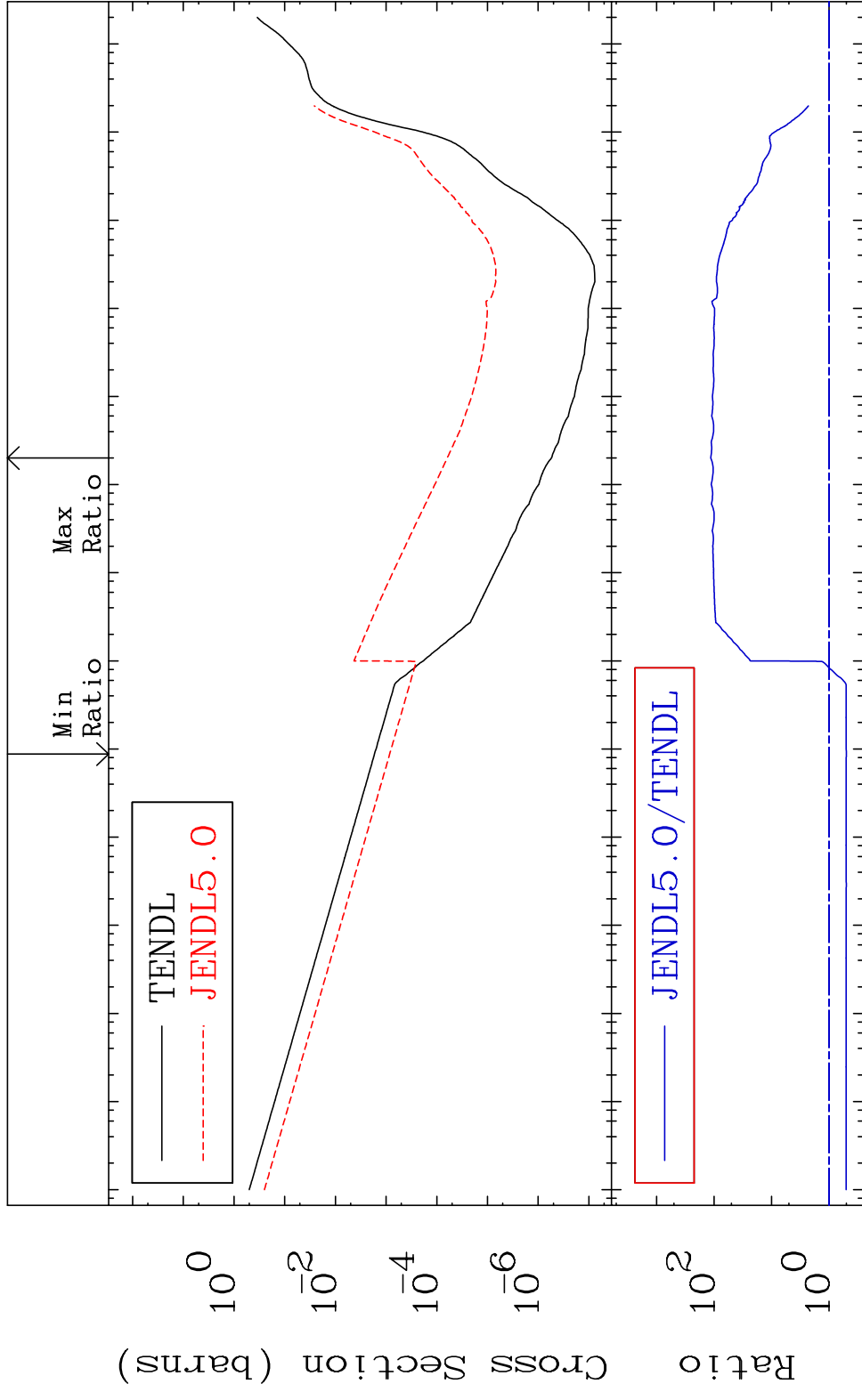


MAT 7625

He-4 Production

76-0s-184

Cross Section -49.90 To 9999. %

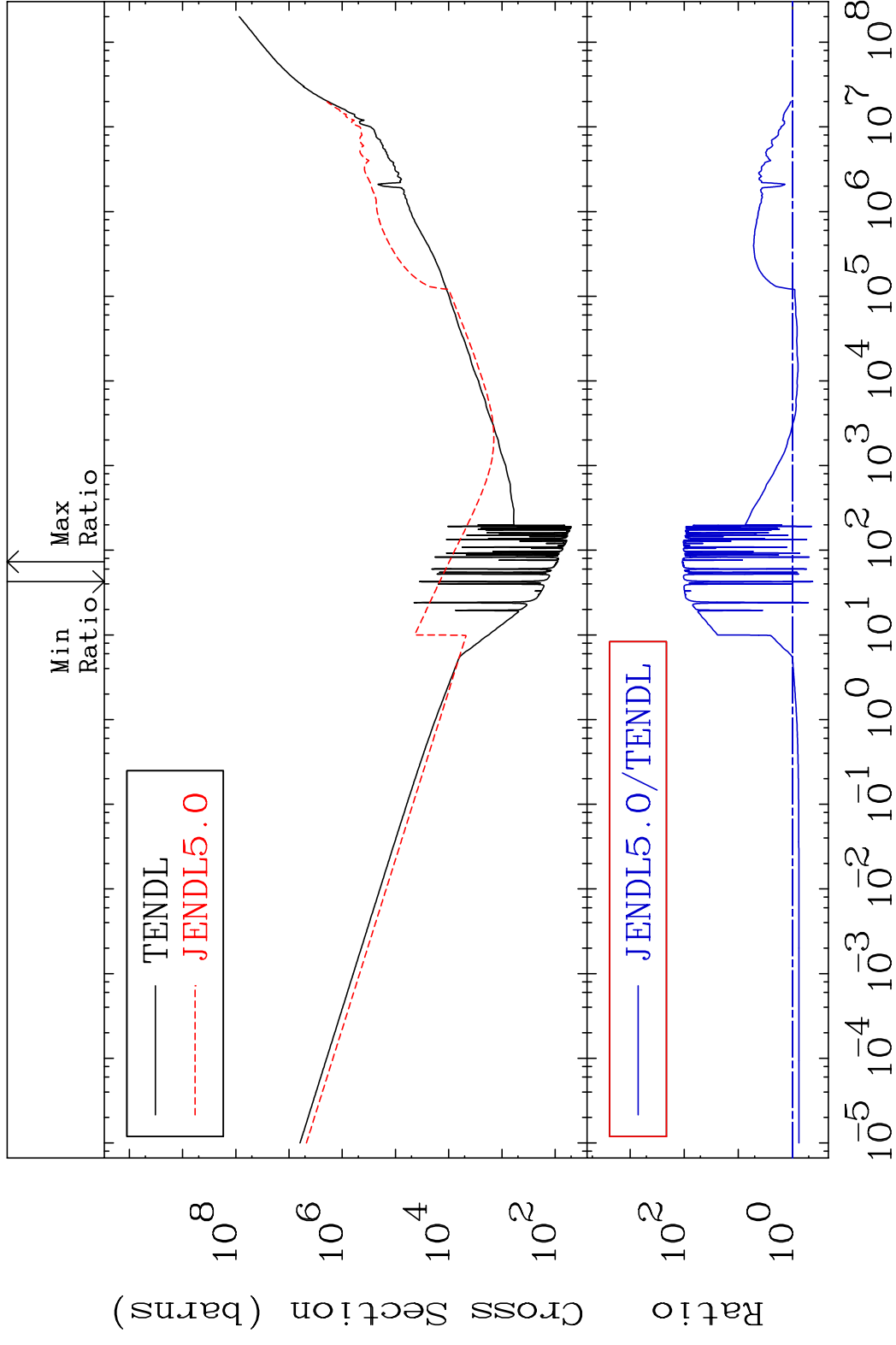


43

Incident Energy (eV)

76-0s-184

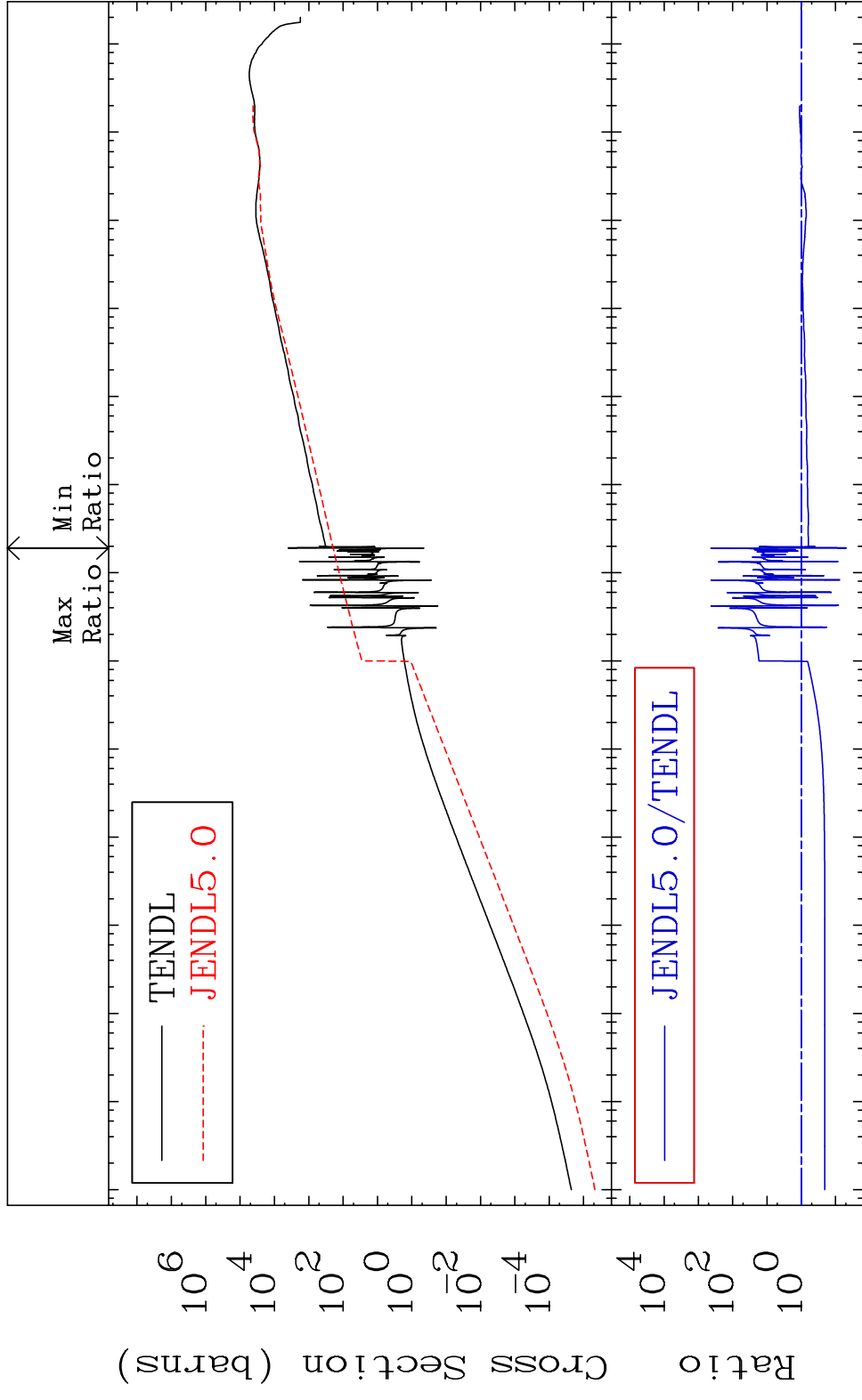
MAT 7625 Kerma total (eV-barns) 76-0s-184
 Cross Section -57.53 To 9999. %



MAT 7625

Kerma elastic
Cross Section

76-0s-184
-95.15 To 9999. %



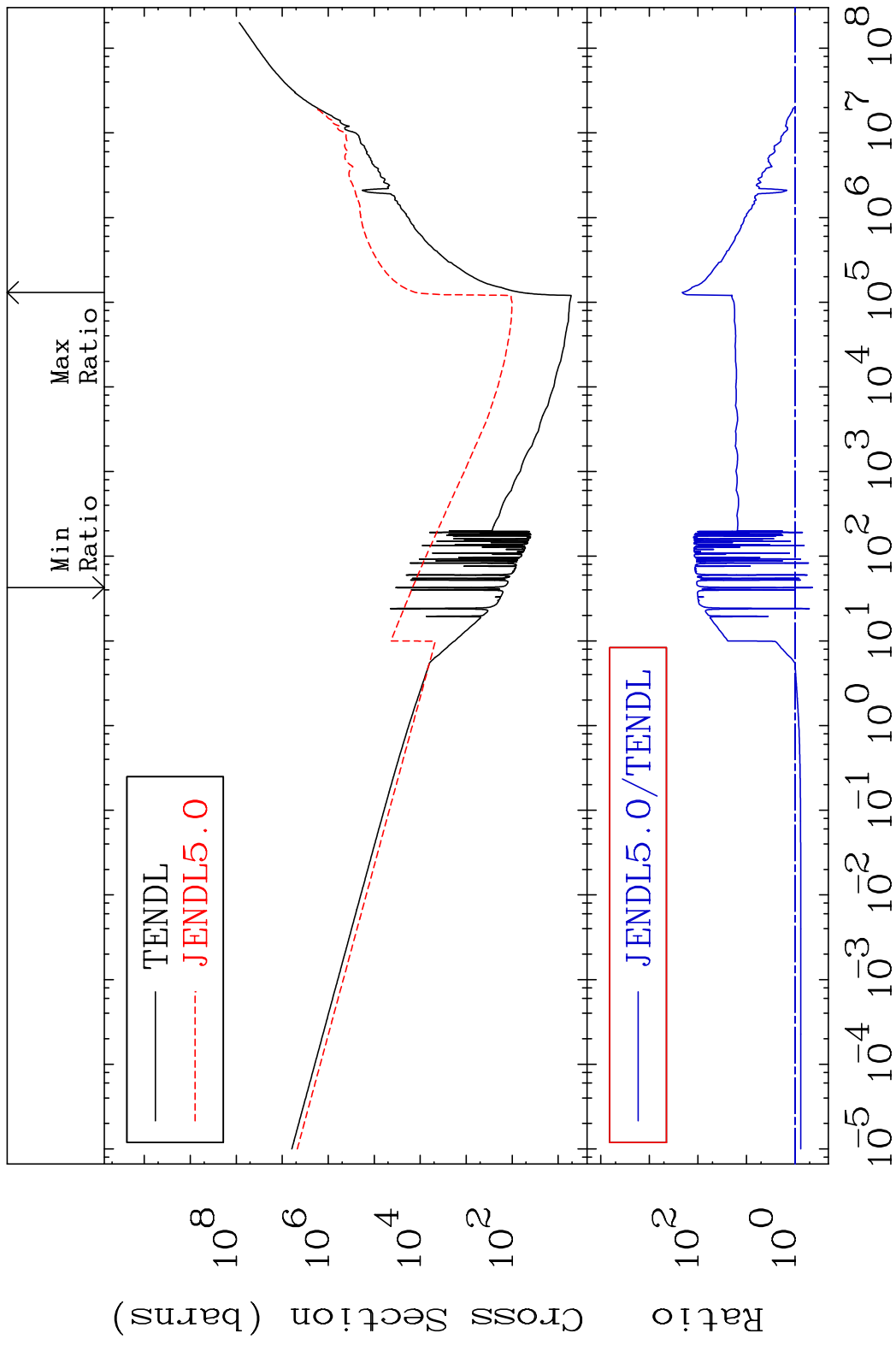
Ratio
Cross Section (barns)

10⁶
10⁴
10²
10⁰
10⁻²
10⁻⁴

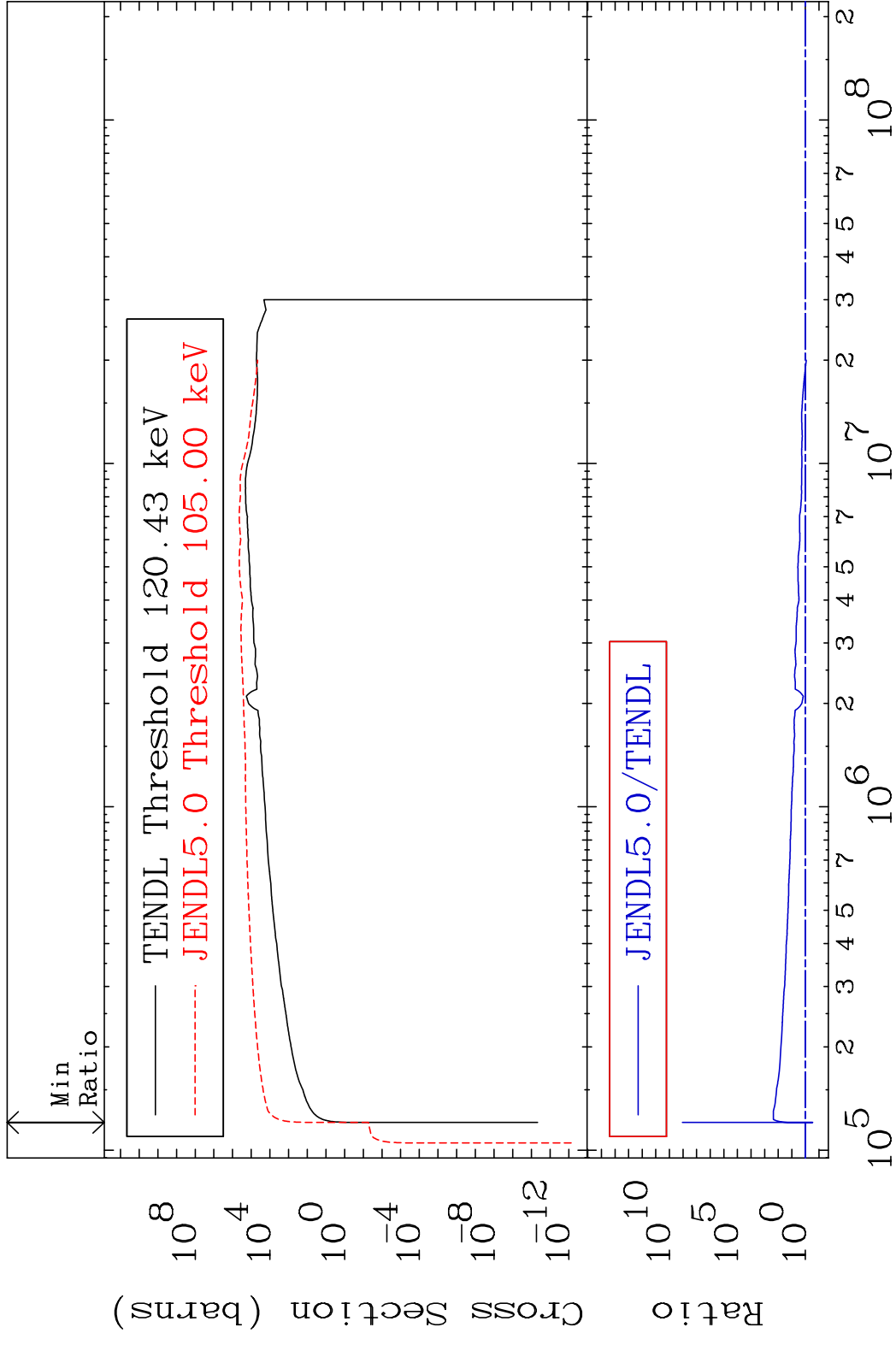
10⁴
10²
10⁰

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

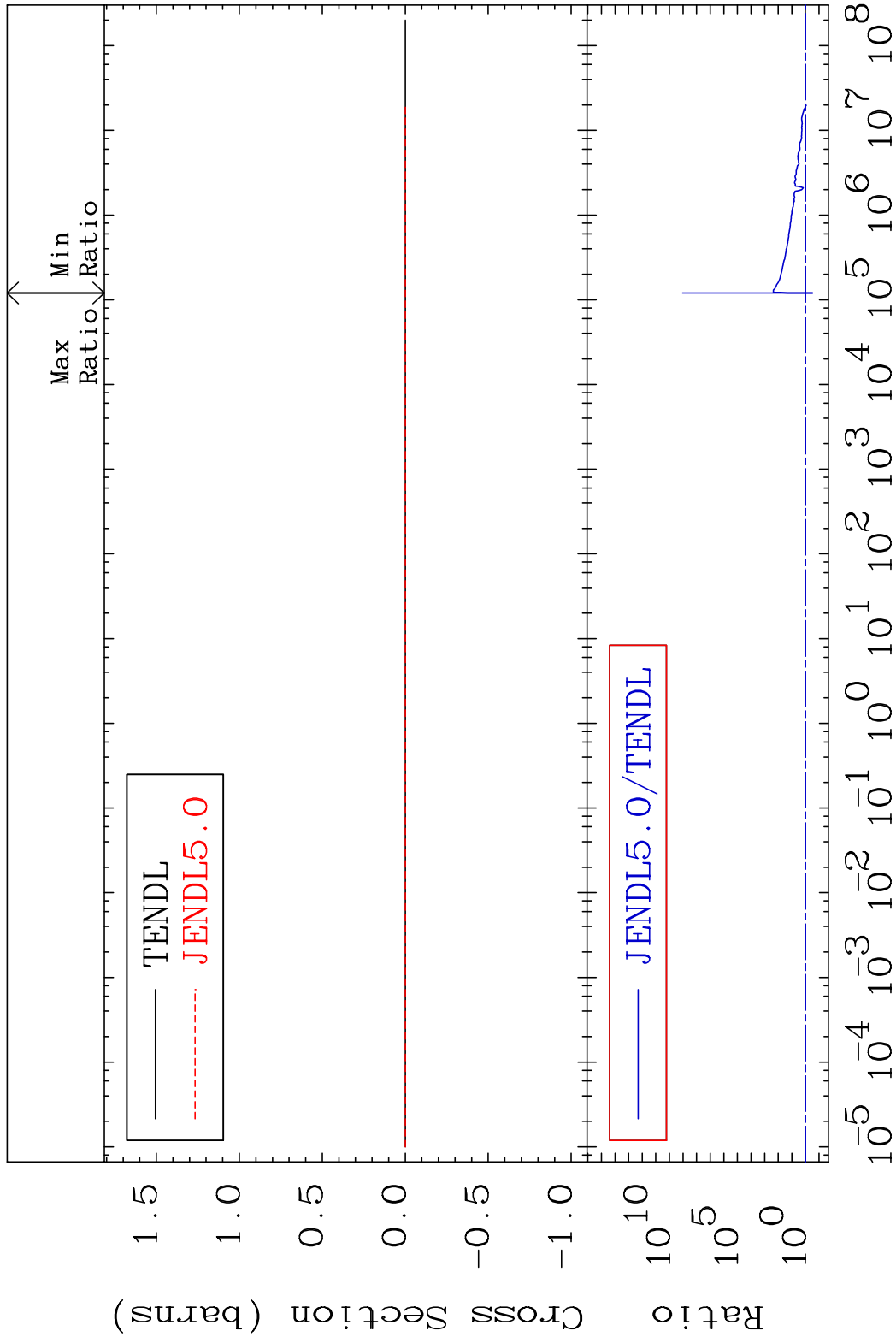
MAT 7625 Kerma non-elastic (all but mt2) 76-Os-184
 Cross Section -56.62 To 9999. %



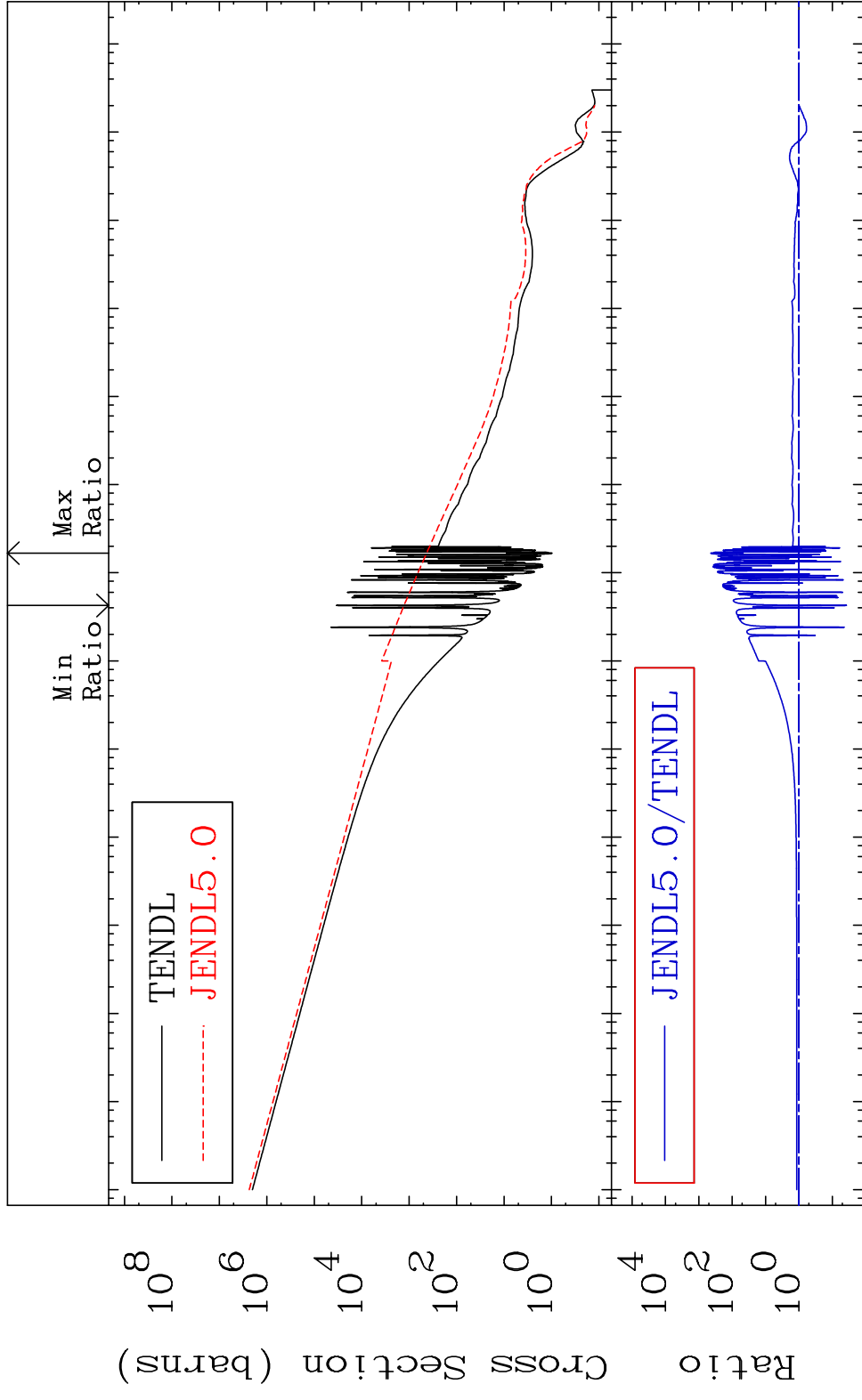
MAT 7625 Kerma inelastic (mt51-91) 76-Os-184
 Cross Section -70.14 To 9999. %



MAT 7625 Kerma fission (mt18 or mt19-20-21-38)76-0s-184
 Cross Section -70.14 To 9999. %

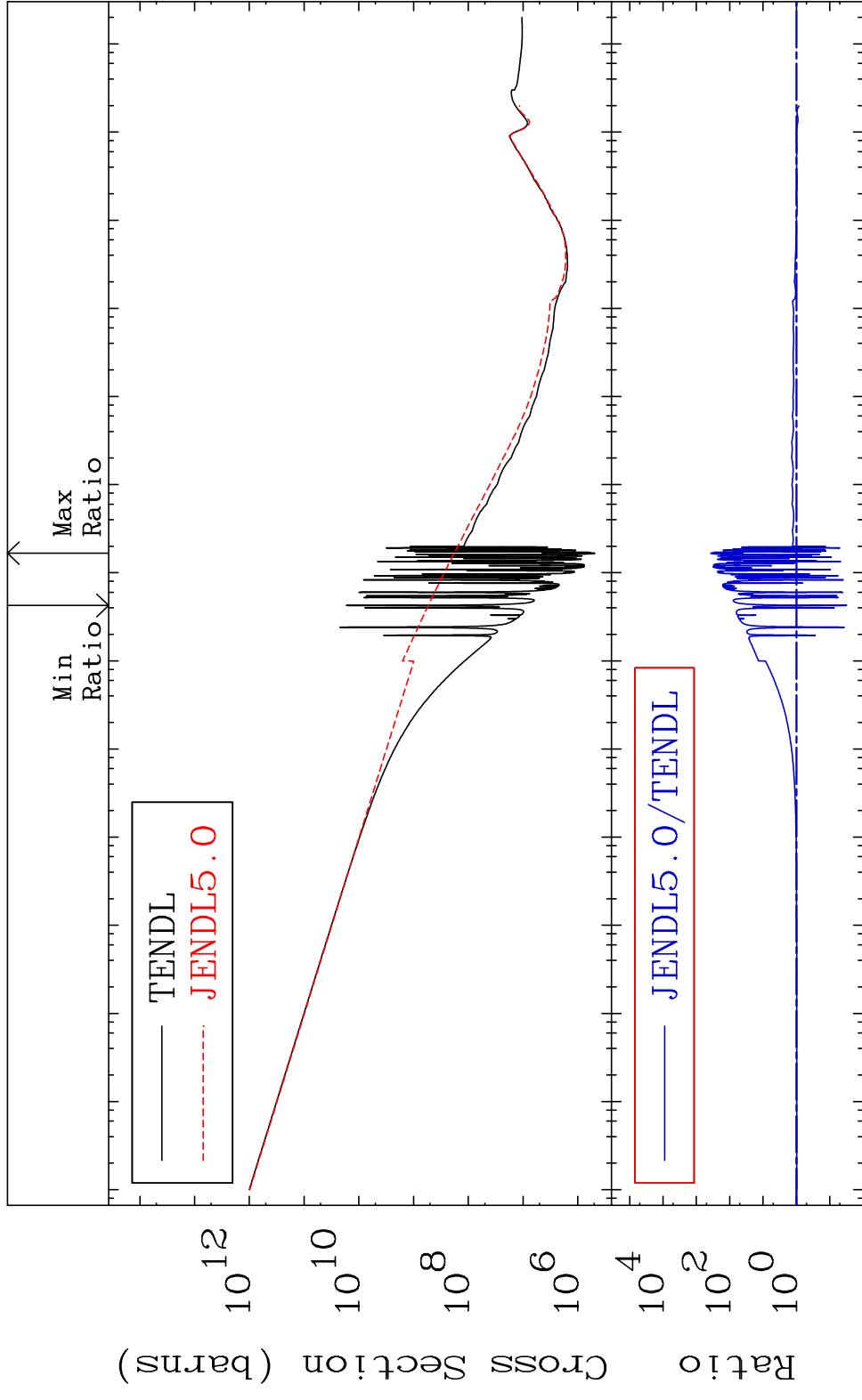


MAT 7625 Kerma capture (mt102) 76-Os-184
 Cross Section -96.21 To 9999. %

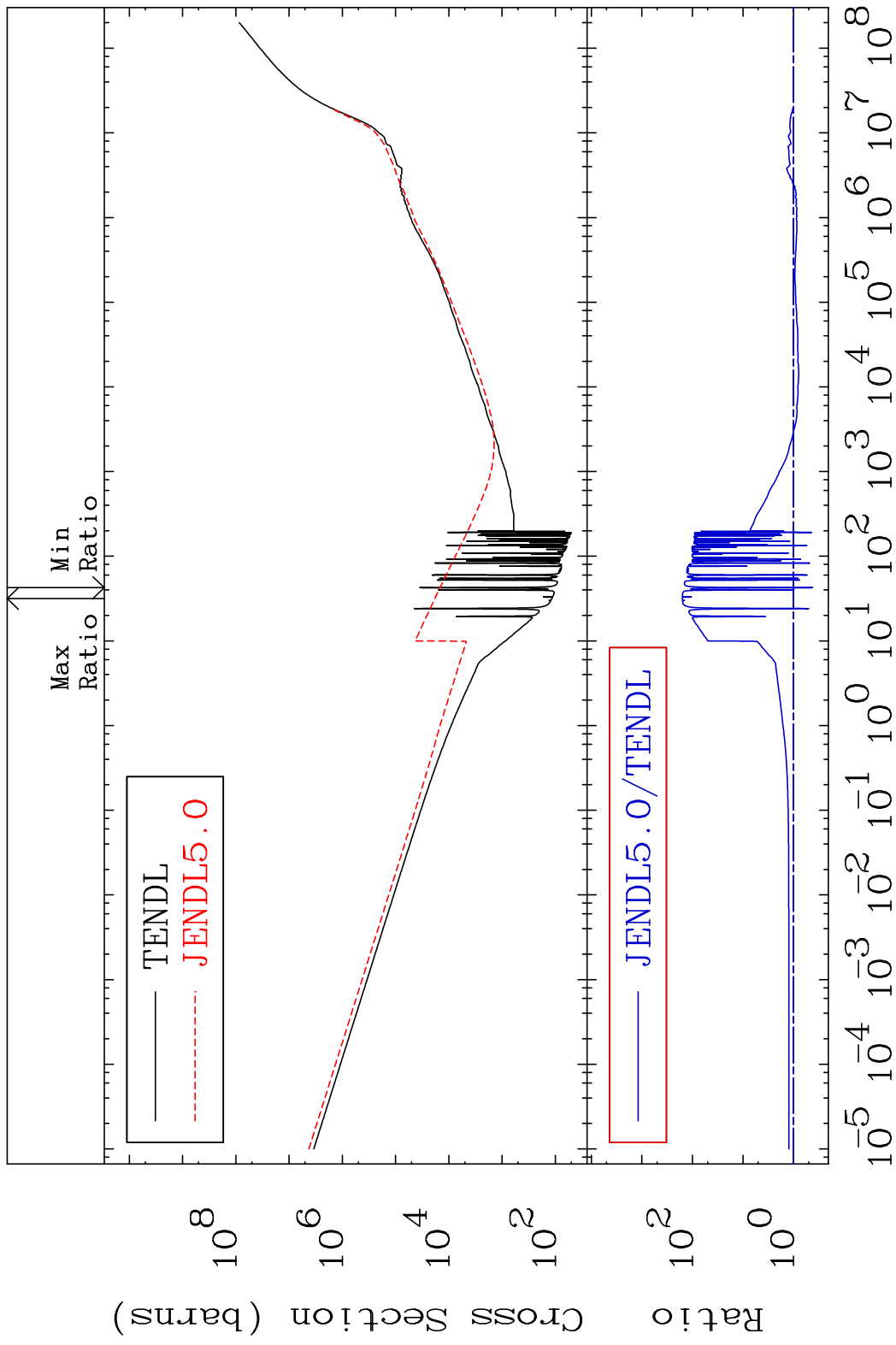


49 Incident Energy (eV) 76-Os-184

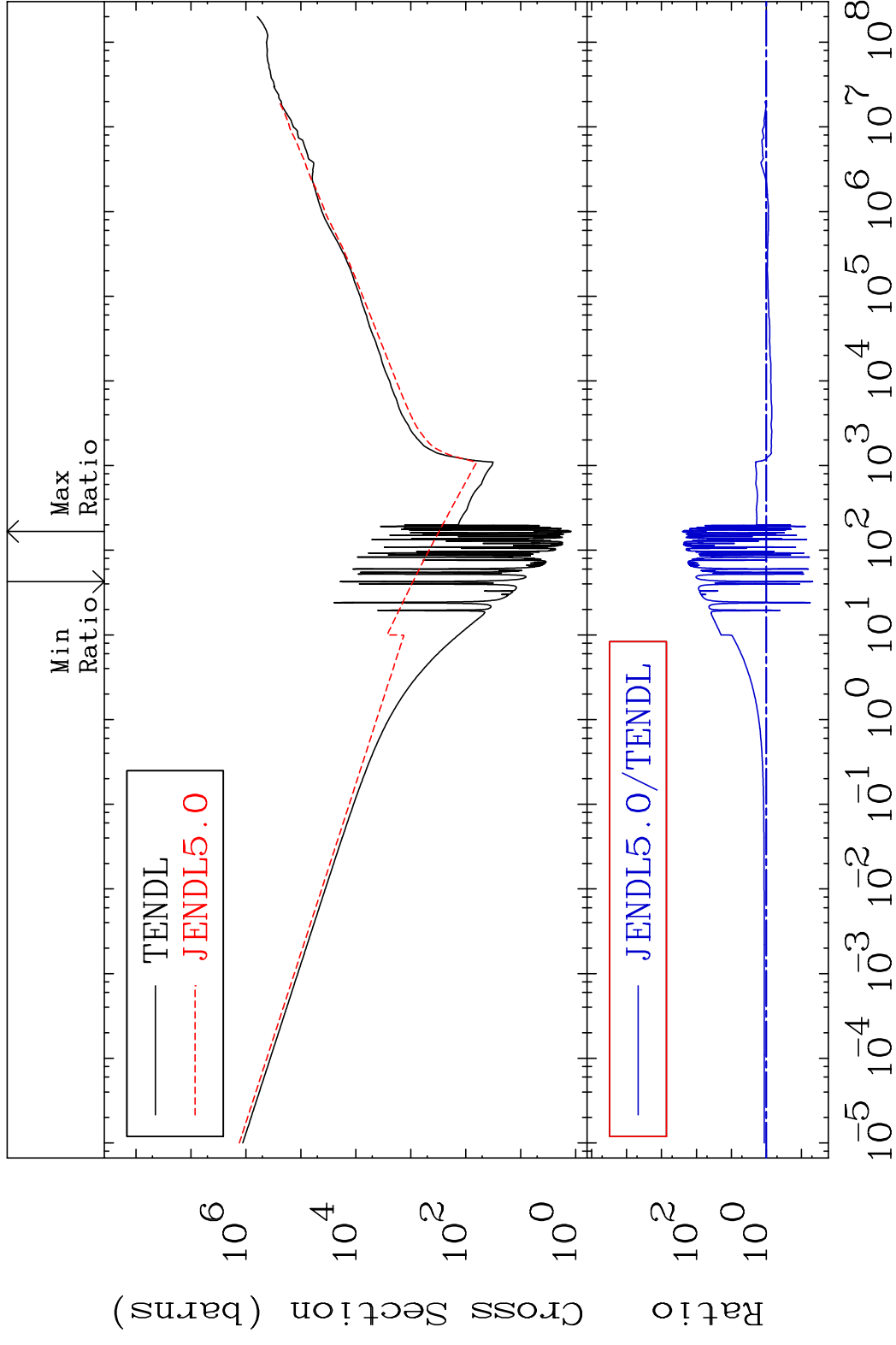
MAT 7625 Total photon (eV-barns) 76-0s-184
 Cross Section -96.80 To 9999. %



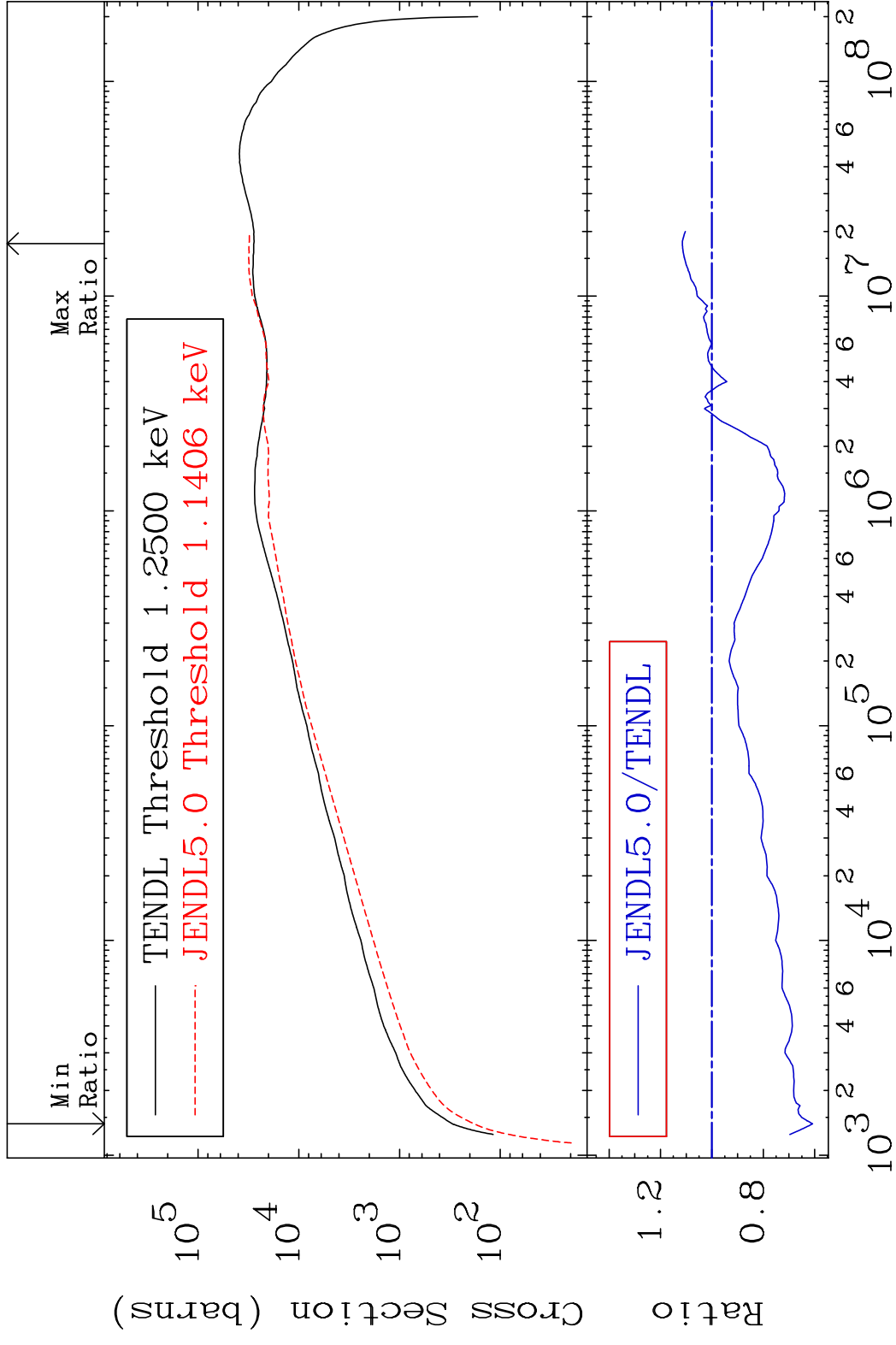
MAT 7625 Total kinematic kerma (high limit) 76-0s-184
 Cross Section -58.00 To 9999. %



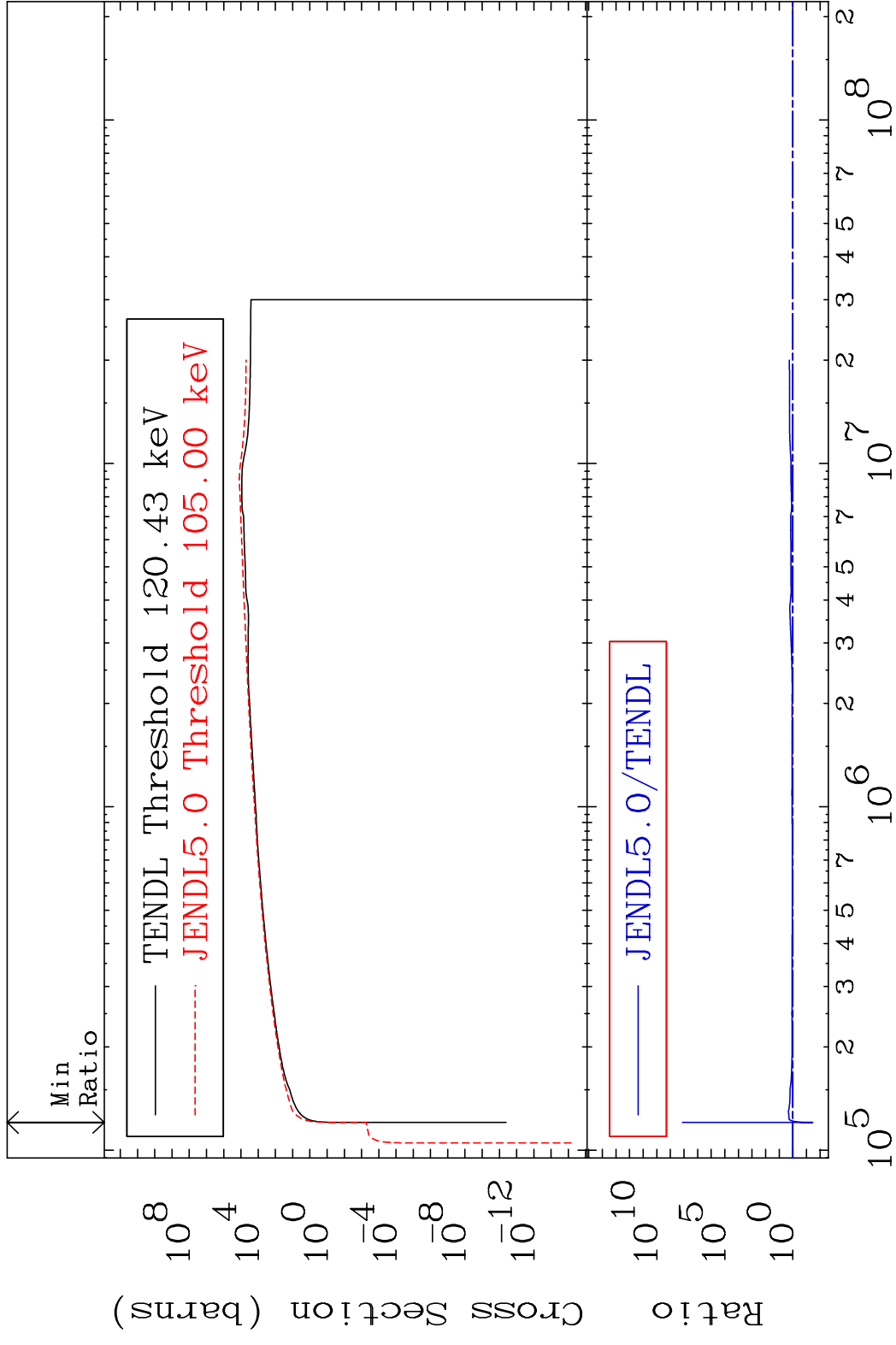
MAT 7625 Dpa total (eV-barns) 76-0s-184
 Cross Section -95.21 To 9999. %



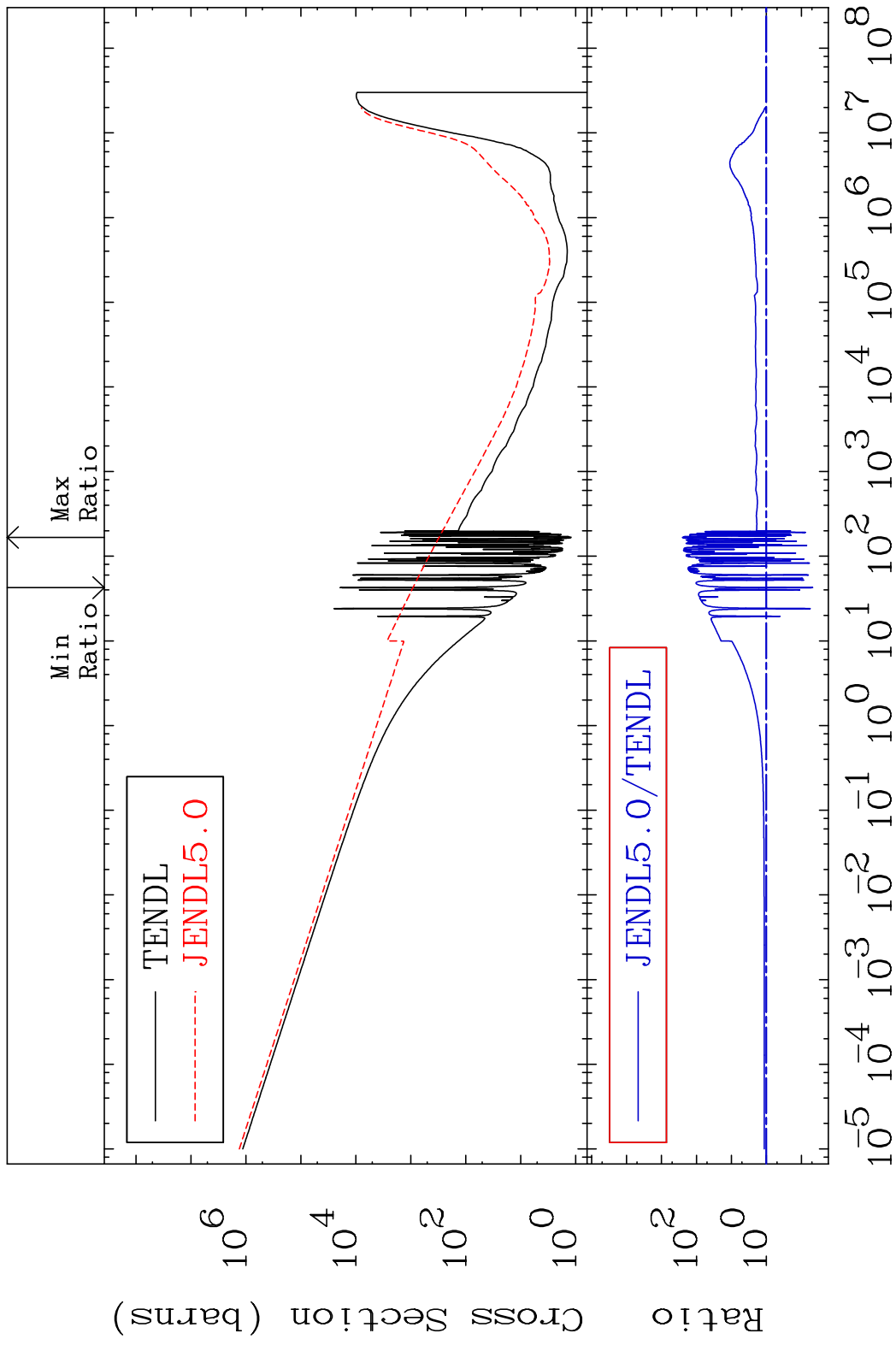
MAT 7625 Dpa elastic (mt2) 76-0s-184
 Cross Section -39.18 To 11.49 %

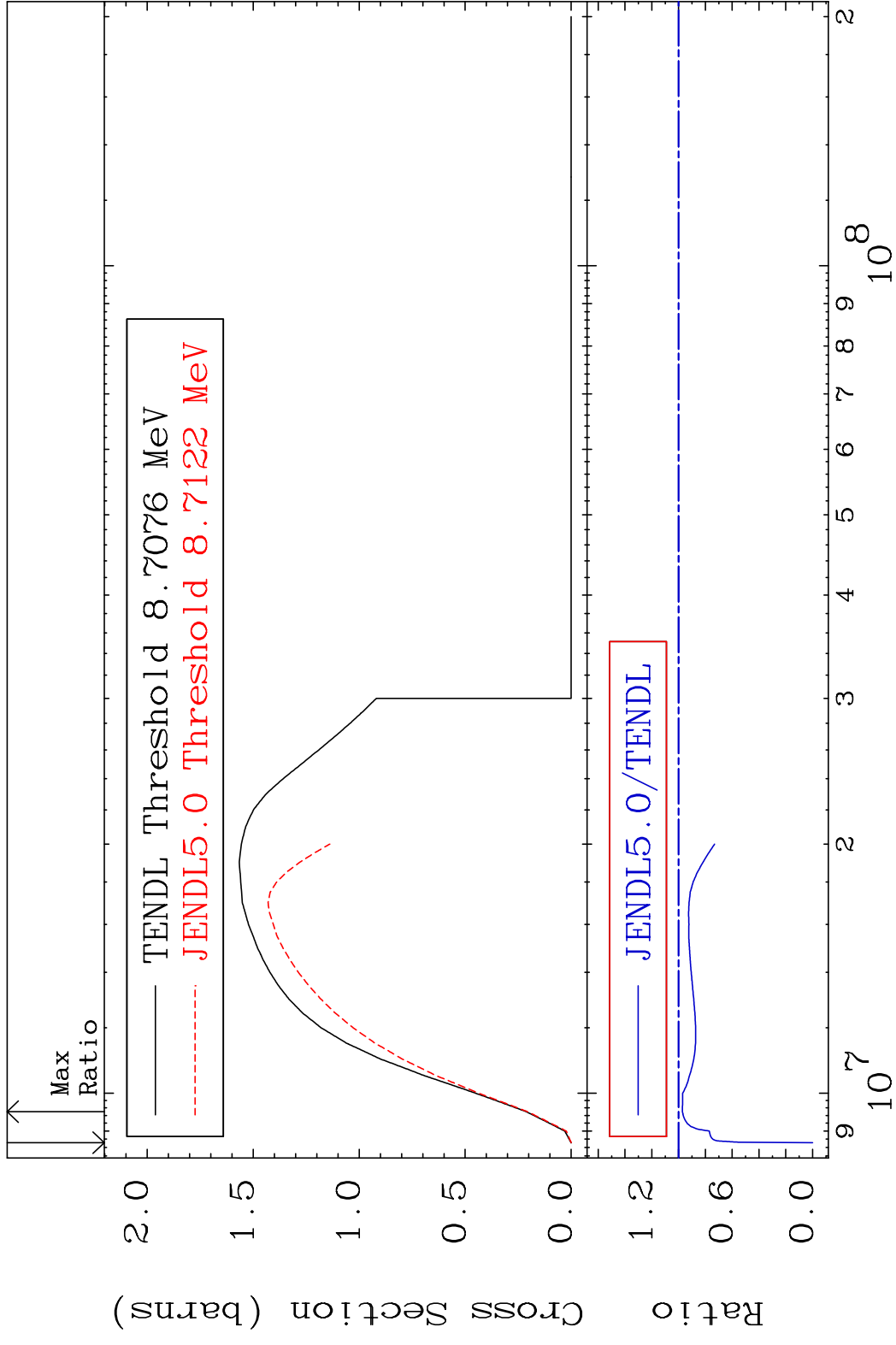


MAT 7625 Dpa inelastic (mt51-91) 76-0s-184
 Cross Section -96.43 To 9999. %

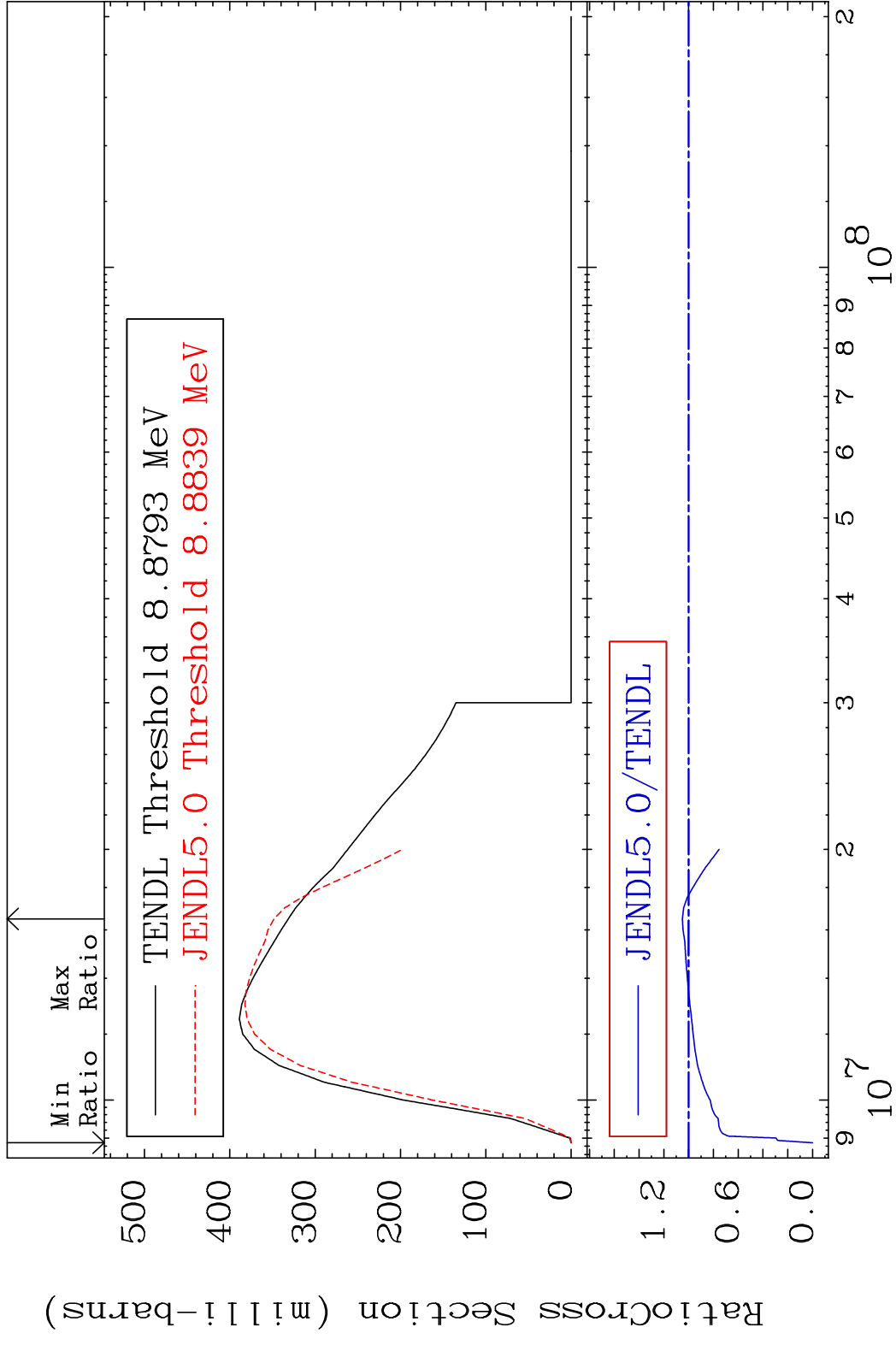


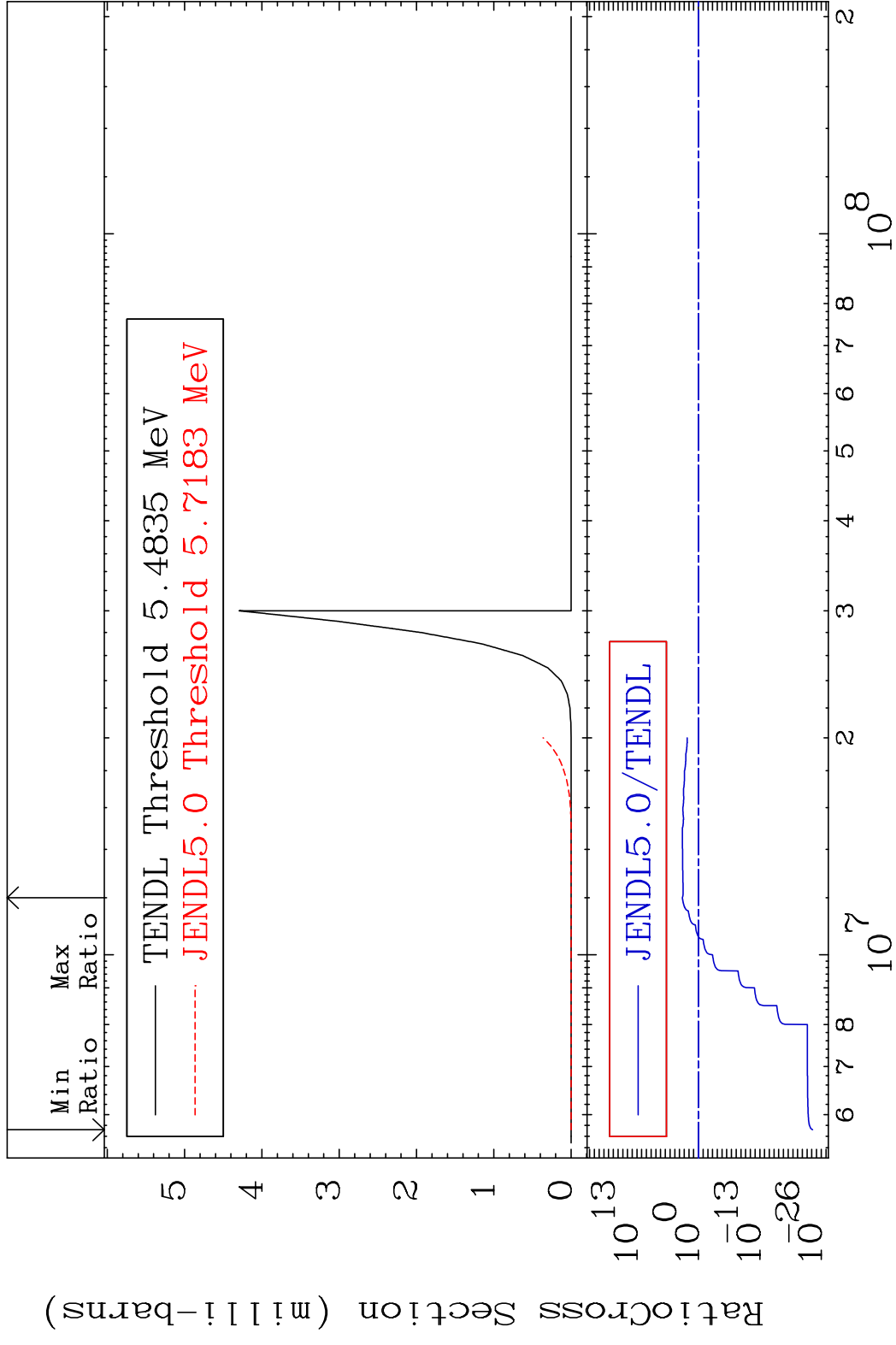
MAT 7625 Dpa disappearance (mt102 -120) 76-0s-184
 Cross Section -95.21 To 9999. %





MAT 7625 (n,2n):76-0s-183m2 76-0s-184
 Radionuclide Production Cross Section 5.080 %





MAT 7625 (n,2n) α :74-W -179m2 76-0s-184
 Radionuclide Production Cross Section 100.00 dth 9999. %

