

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

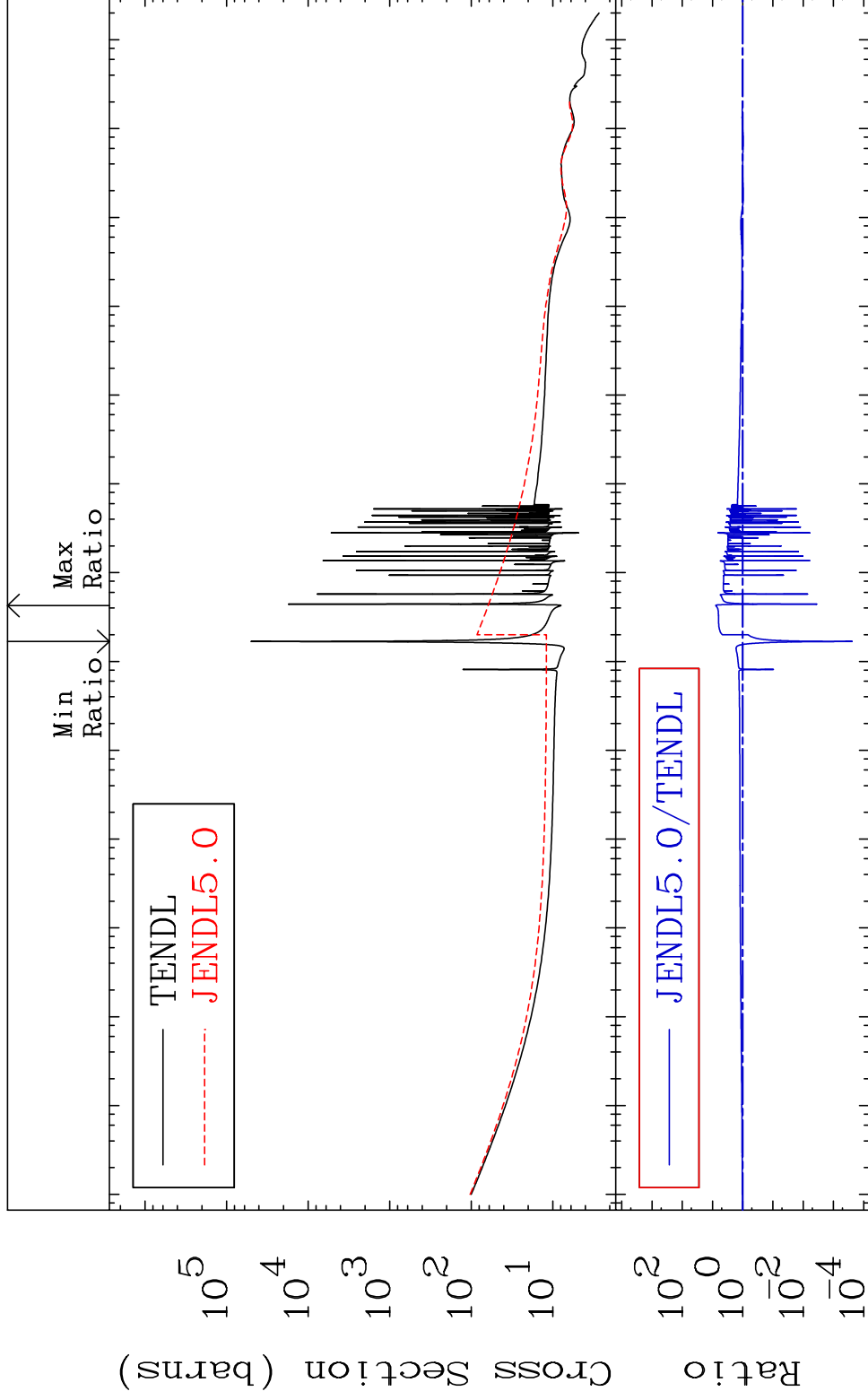
MAT 9046

Total

90-Th-234

Cross Section

-99.98 To 685.1 %



1

Incident Energy (eV)

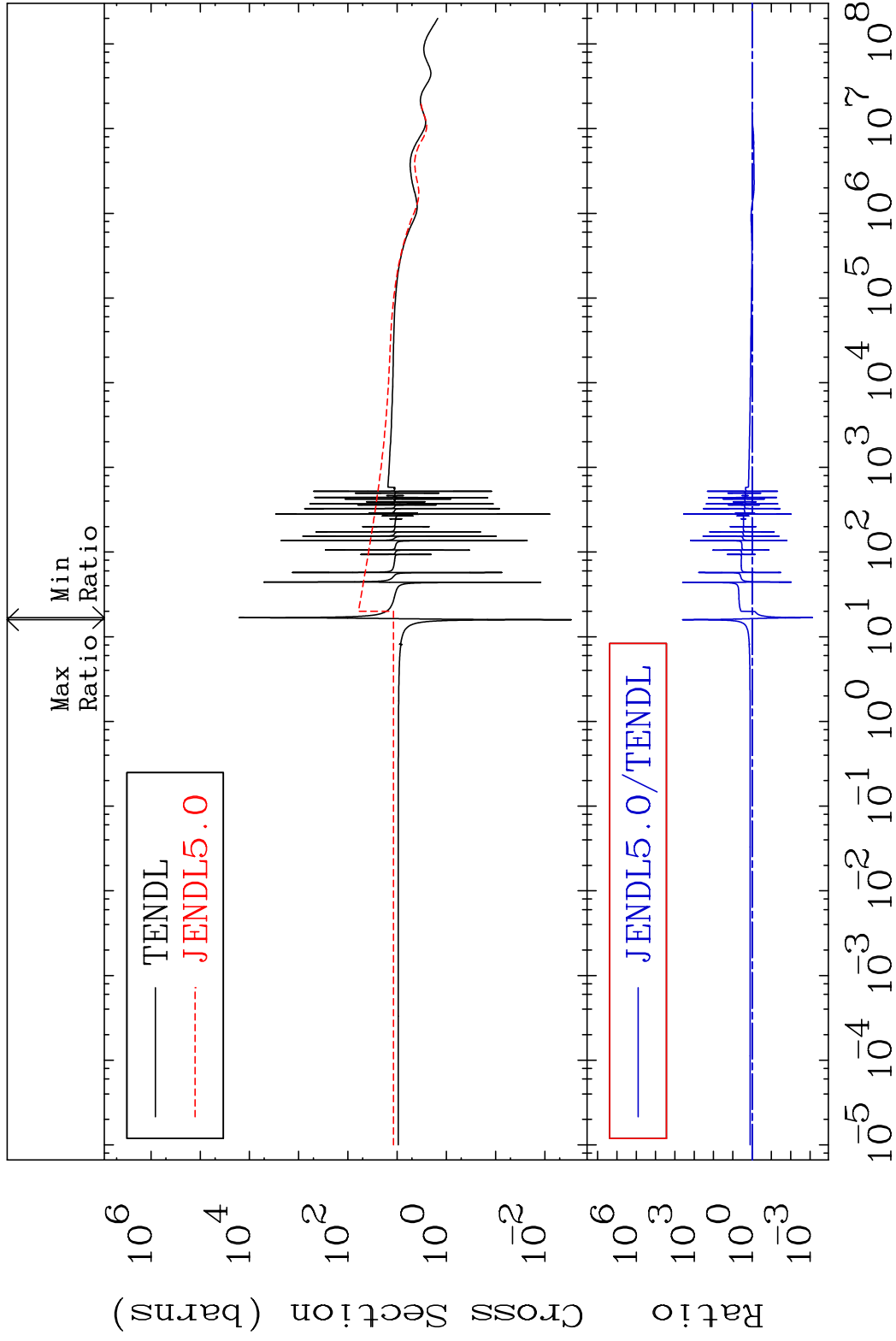
90-Th-234

MAT 9046

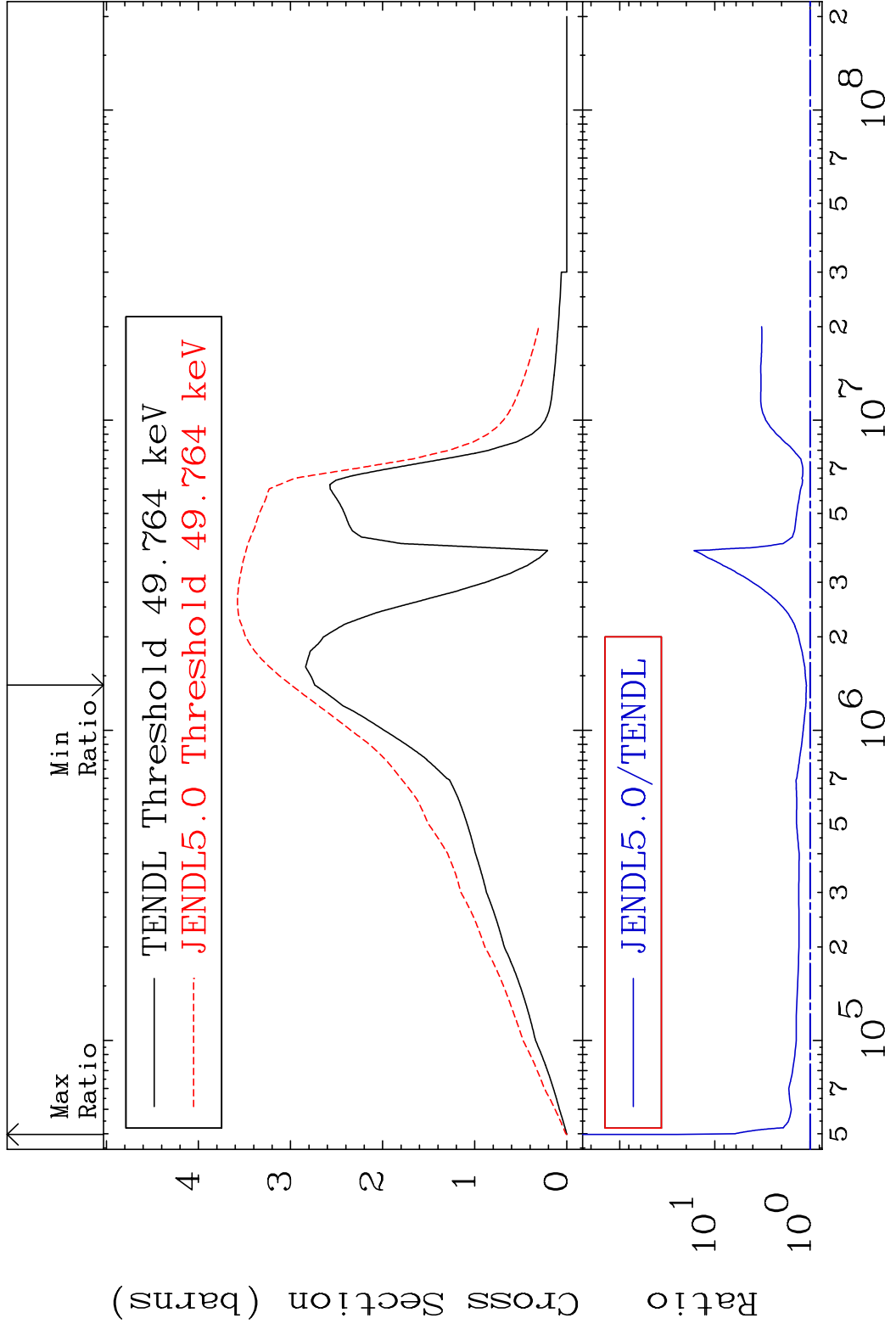
Elastic

90-Th-234

Cross Section -99.93 To 9999. %

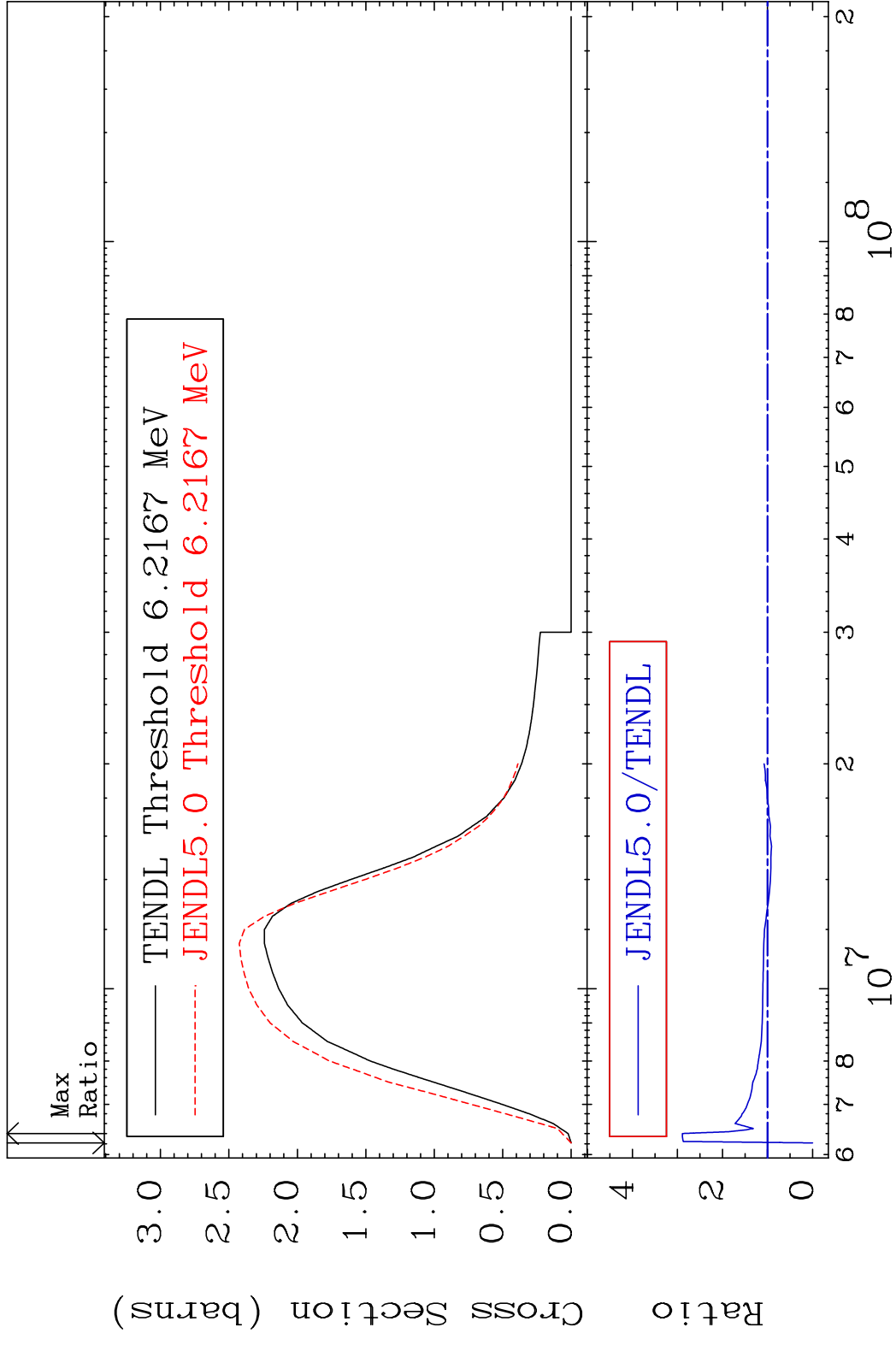


MAT 9046 Inelastic 90-Th-234
 Cross Section 9.400 To 2388. %



3 Incident Energy (eV) 90-Th-234

MAT 9046 (n,2n) 90-Th-234
 Cross Section -100.0 To 189.2 %



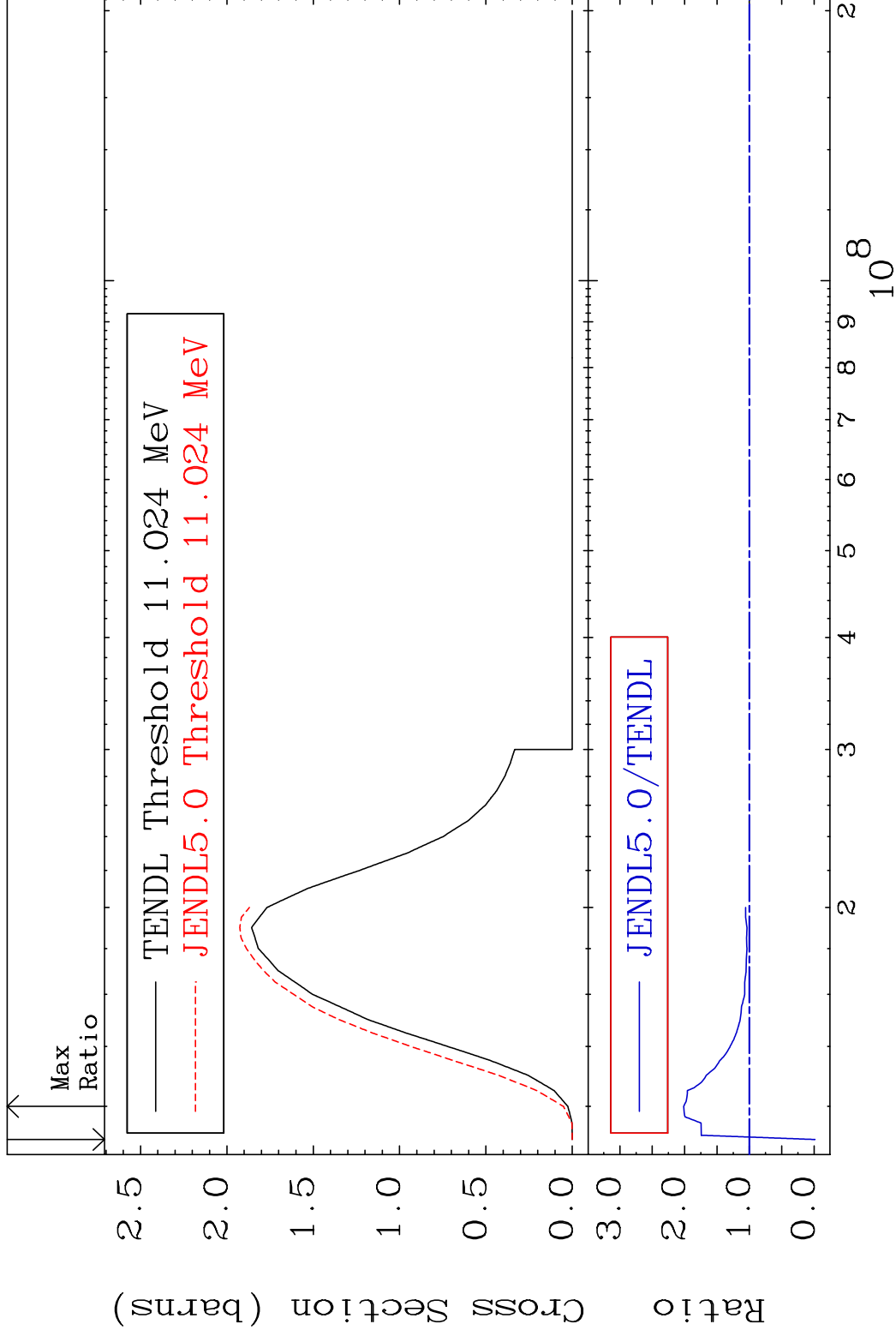
4 Incident Energy (eV) 90-Th-234

MAT 9046

(n,3n)

90-Th-234

Cross Section -100.0 To 101.5 %



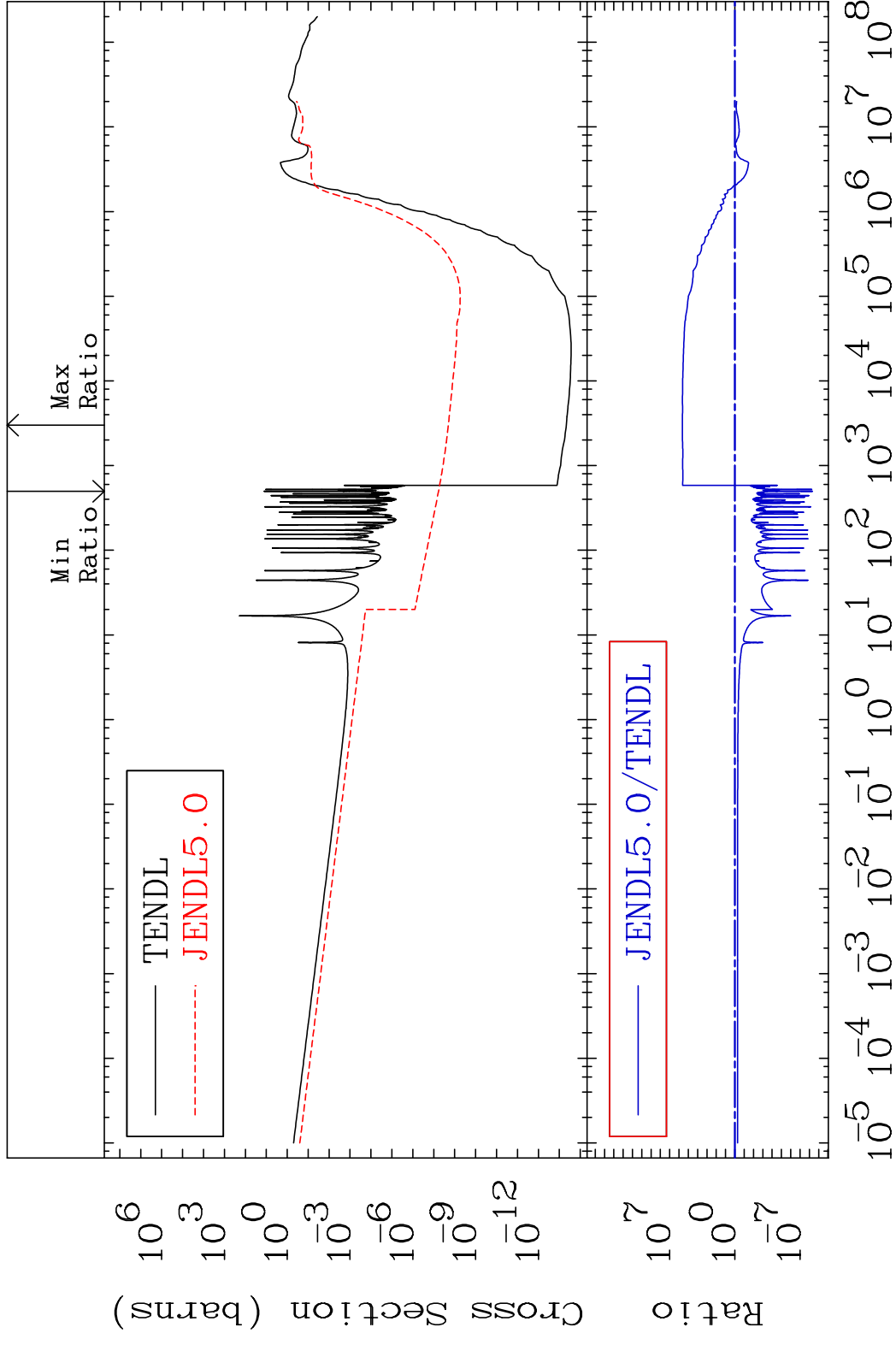
5

Incident Energy (eV)

90-Th-234

MAT 9046

Fission Cross Section -100.0 To 9999. %
90-Th-234

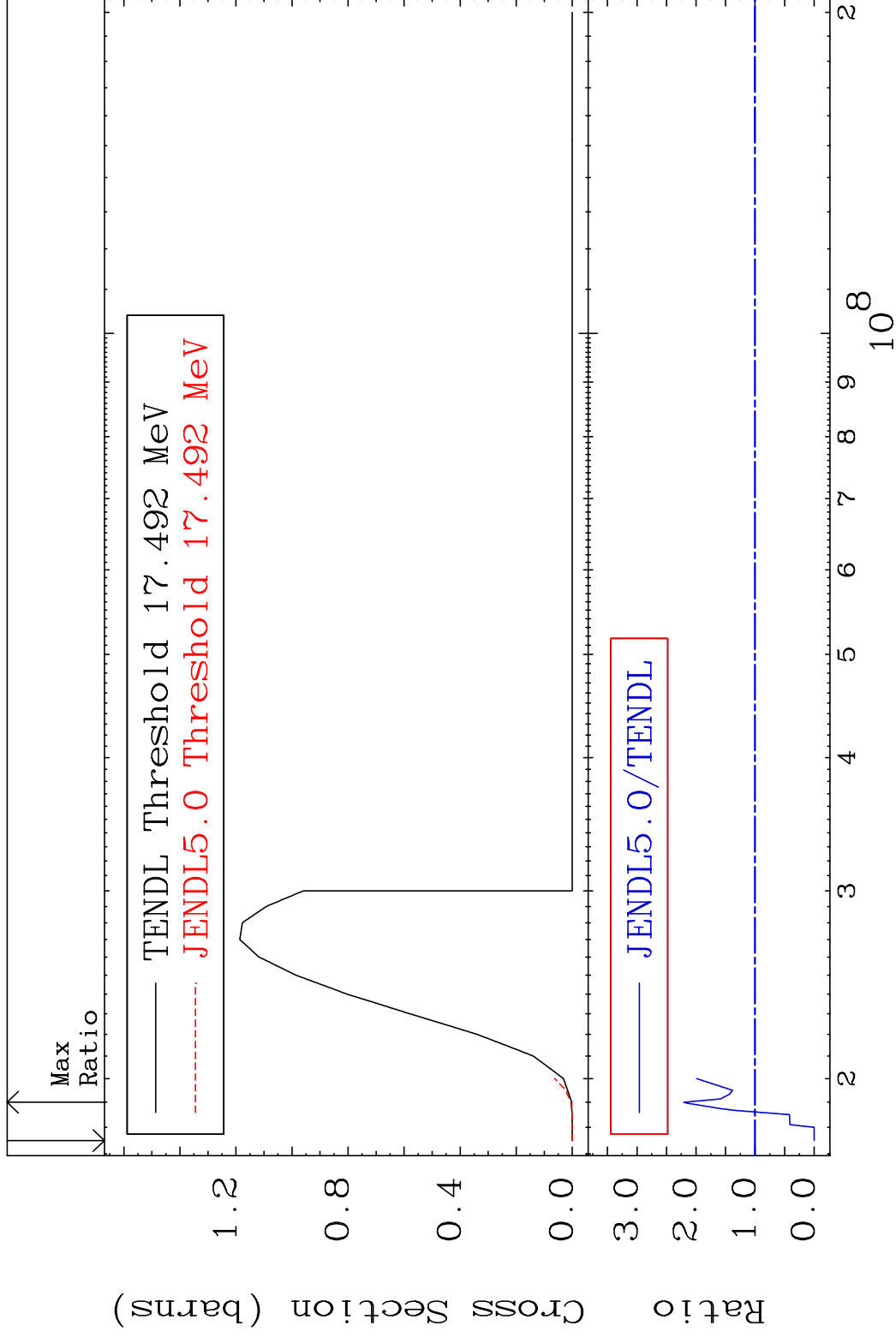


MAT 9046

(n, 4n)

90-Th-234

Cross Section -100.0 To 121.0 %

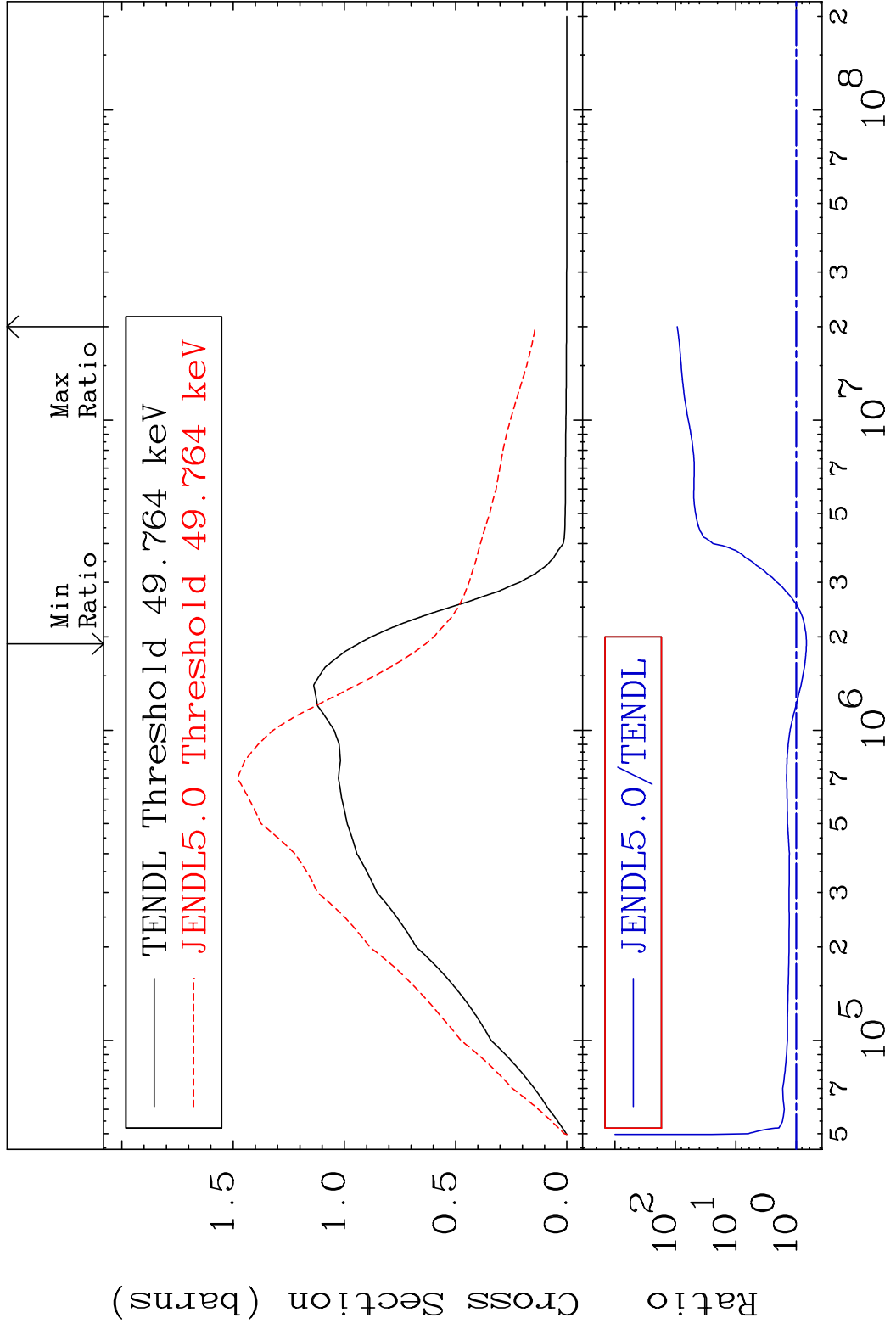


7

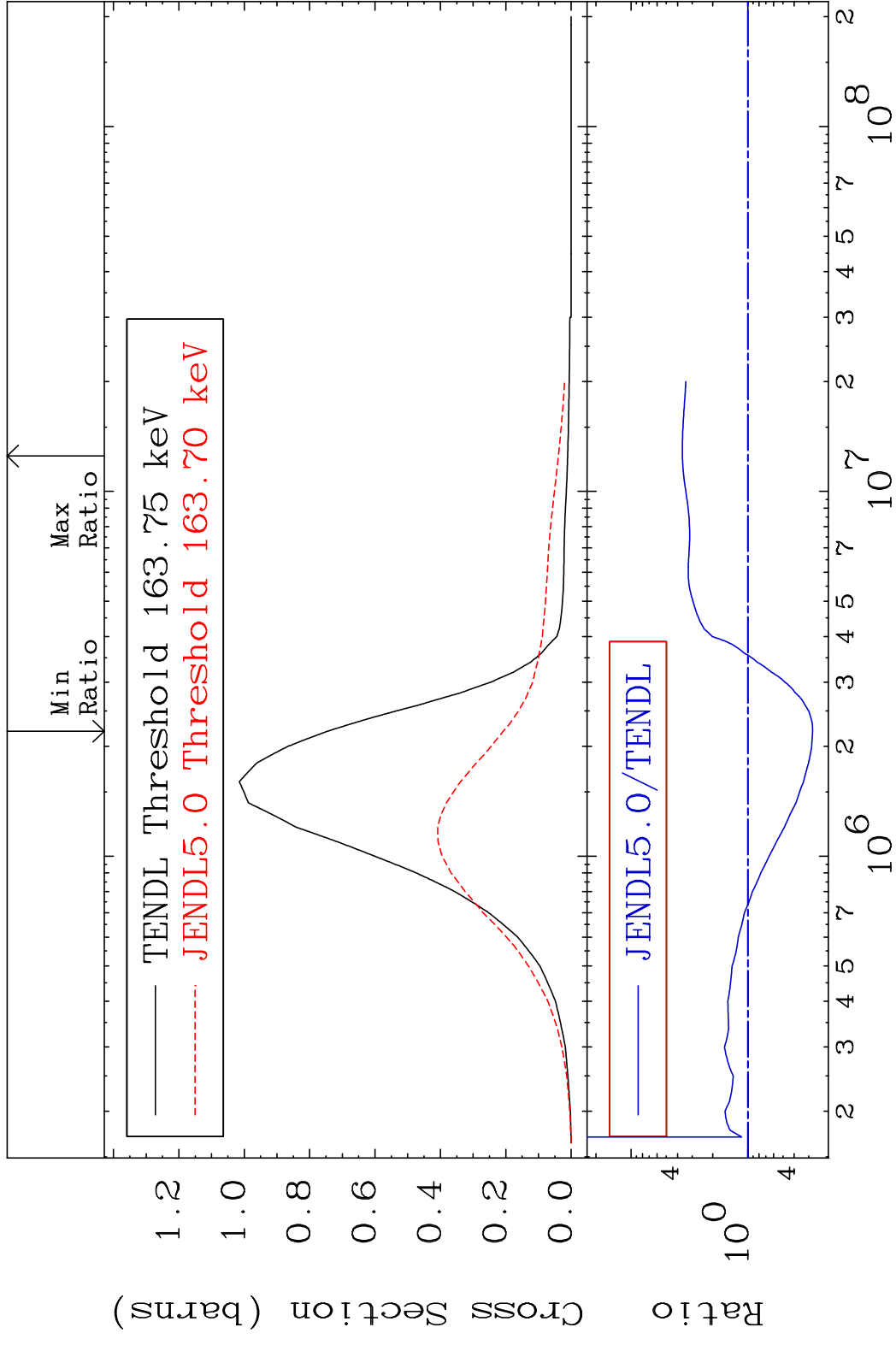
Incident Energy (eV)

90-Th-234

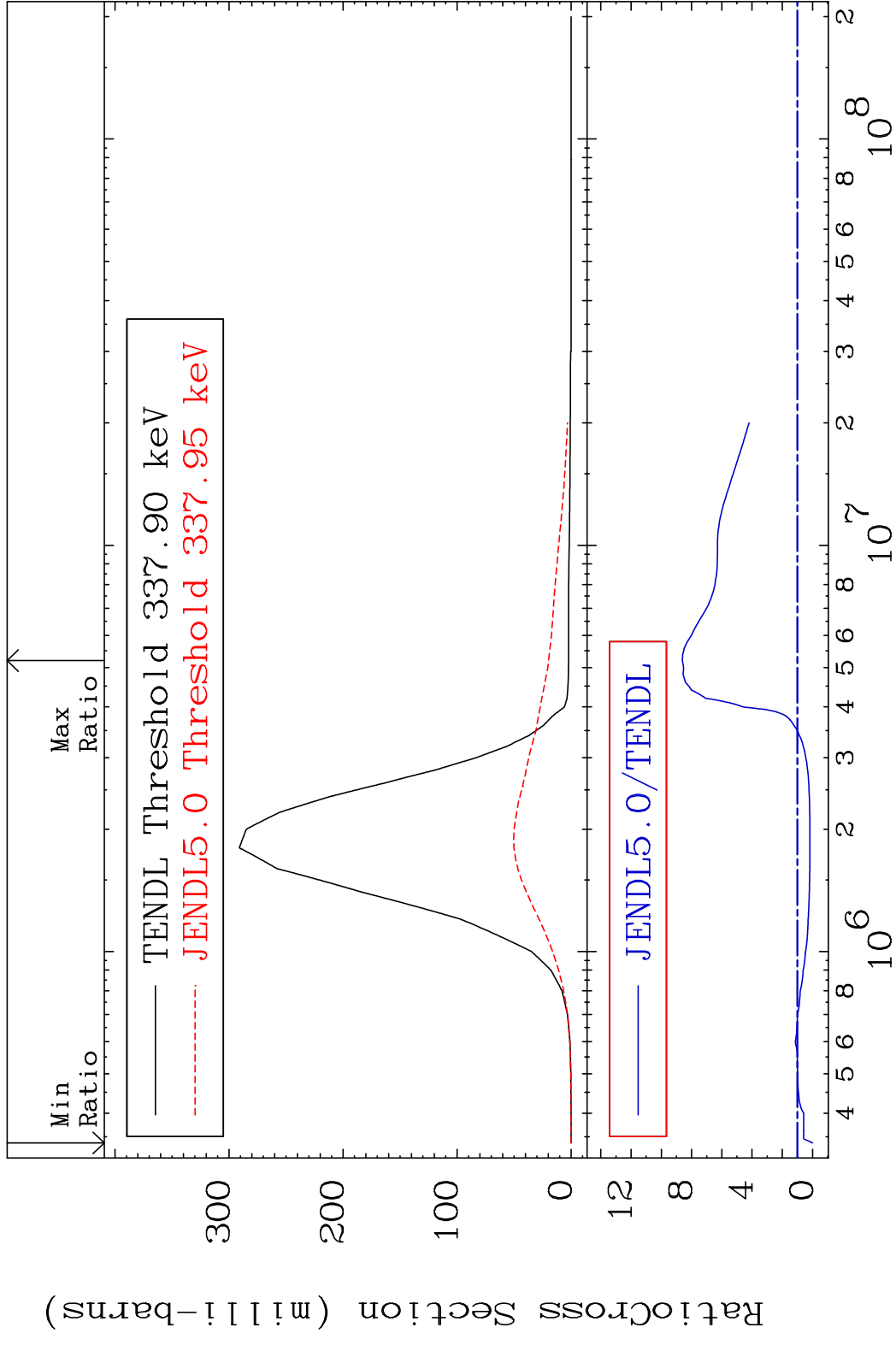
MAT 9046 MT= 51 (n, n') Level 90-Th-234
 Cross Section -32.30 To 9221. %



MAT 9046 MT= 52 (n, n') Level 90-Th-234
 Cross Section -72.14 To 263.6 %

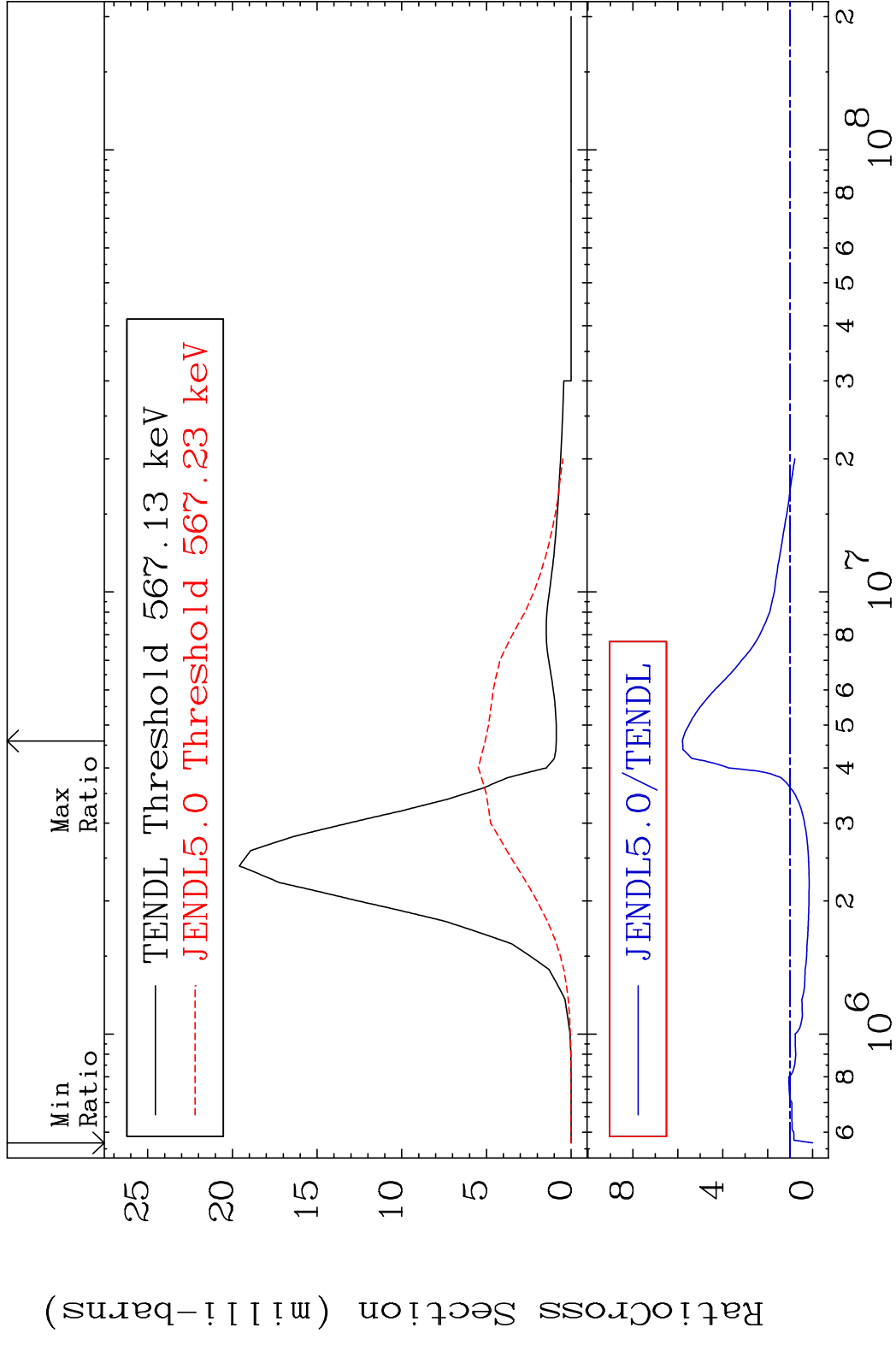


MAT 9046 MT= 53 (n, n') Level 90-Th-234
 Cross Section -100.0 To 760.8 %

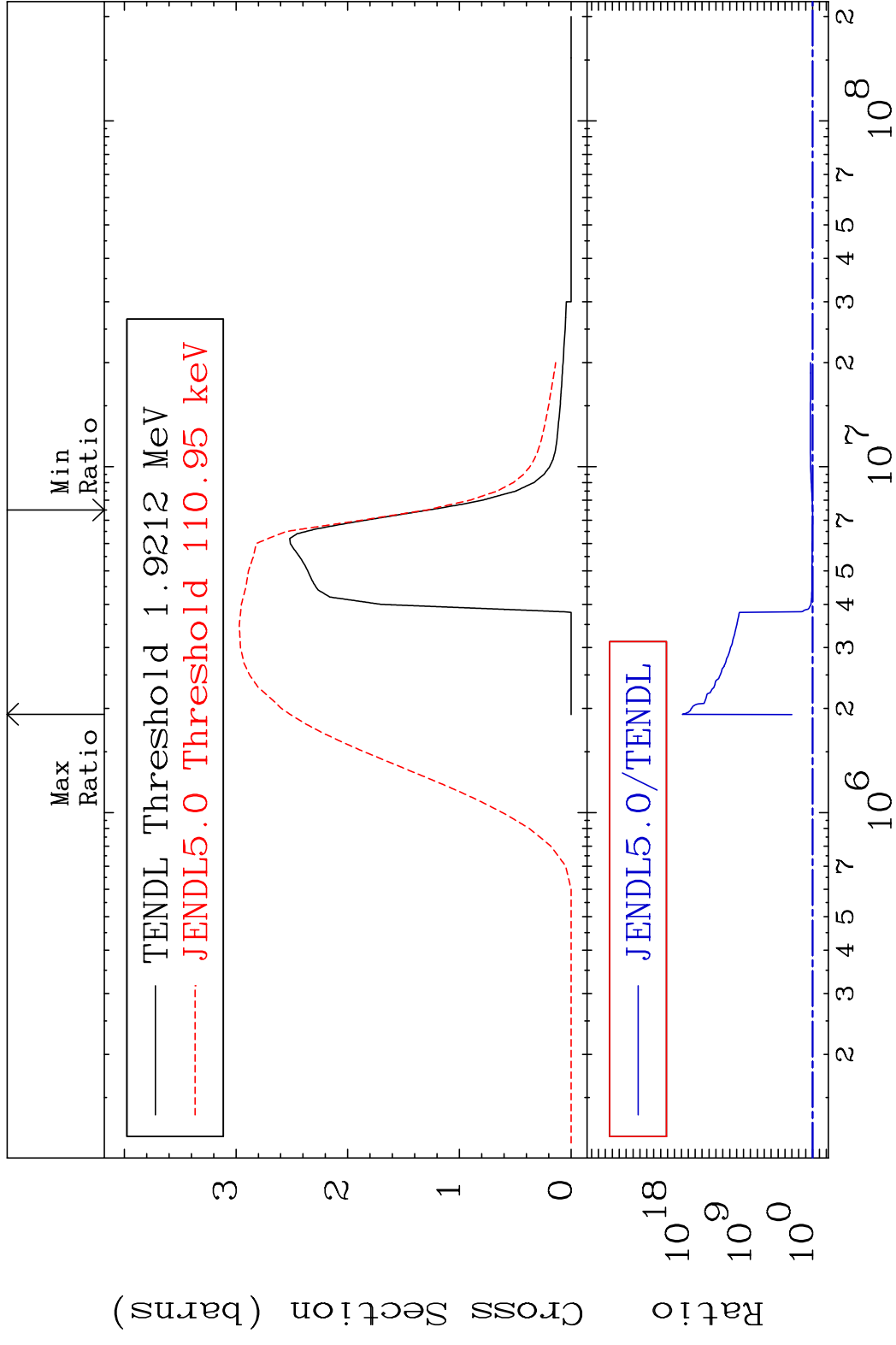


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 90-Th-234

MAT 9046 MT= 54 (n, n') Level 90-Th-234
 Cross Section -100.0 To 479.7 %



MAT 9046 (n, n') Continuum 90-Th-234
 Cross Section 1.112 To 9999. %

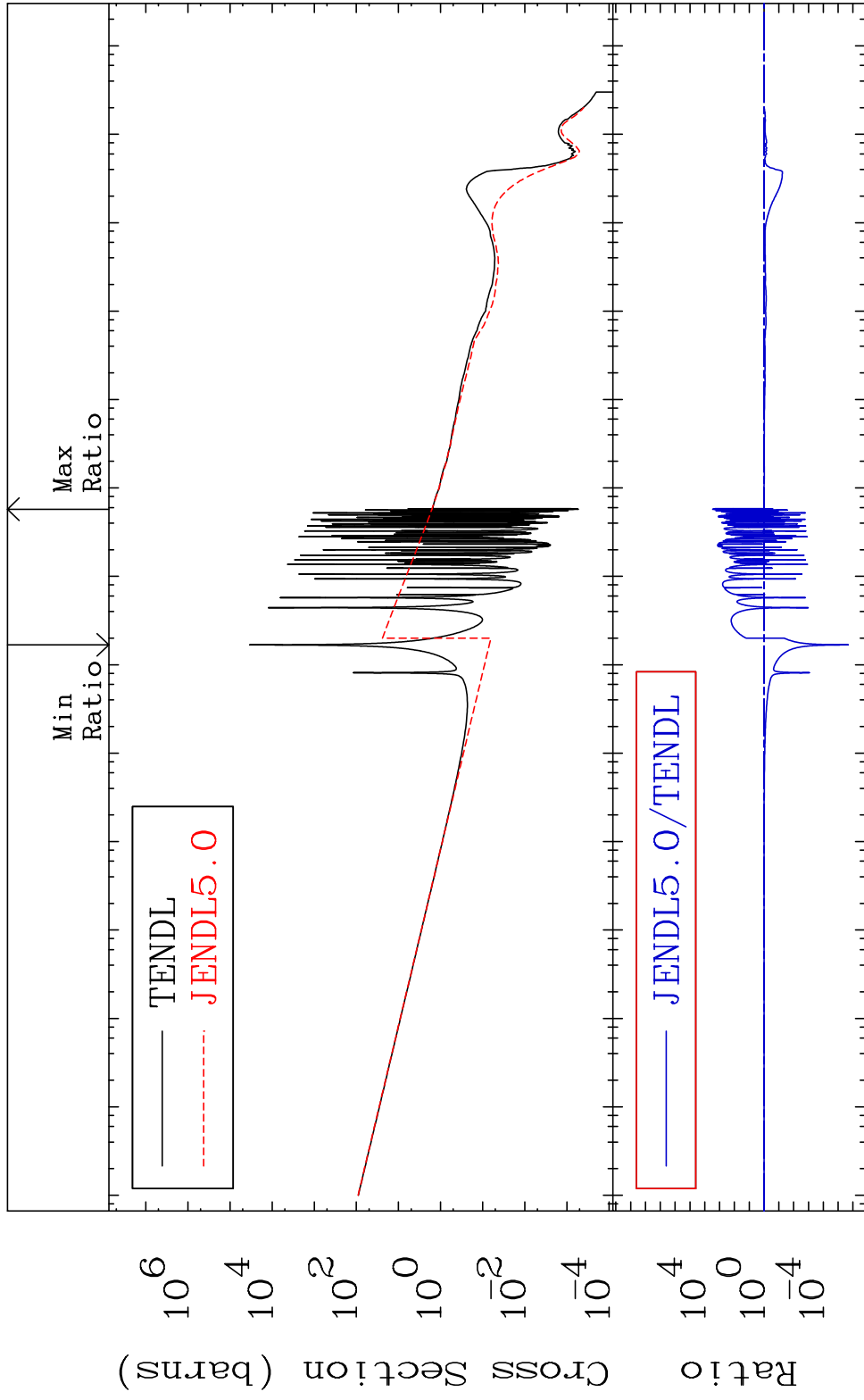


MAT 9046

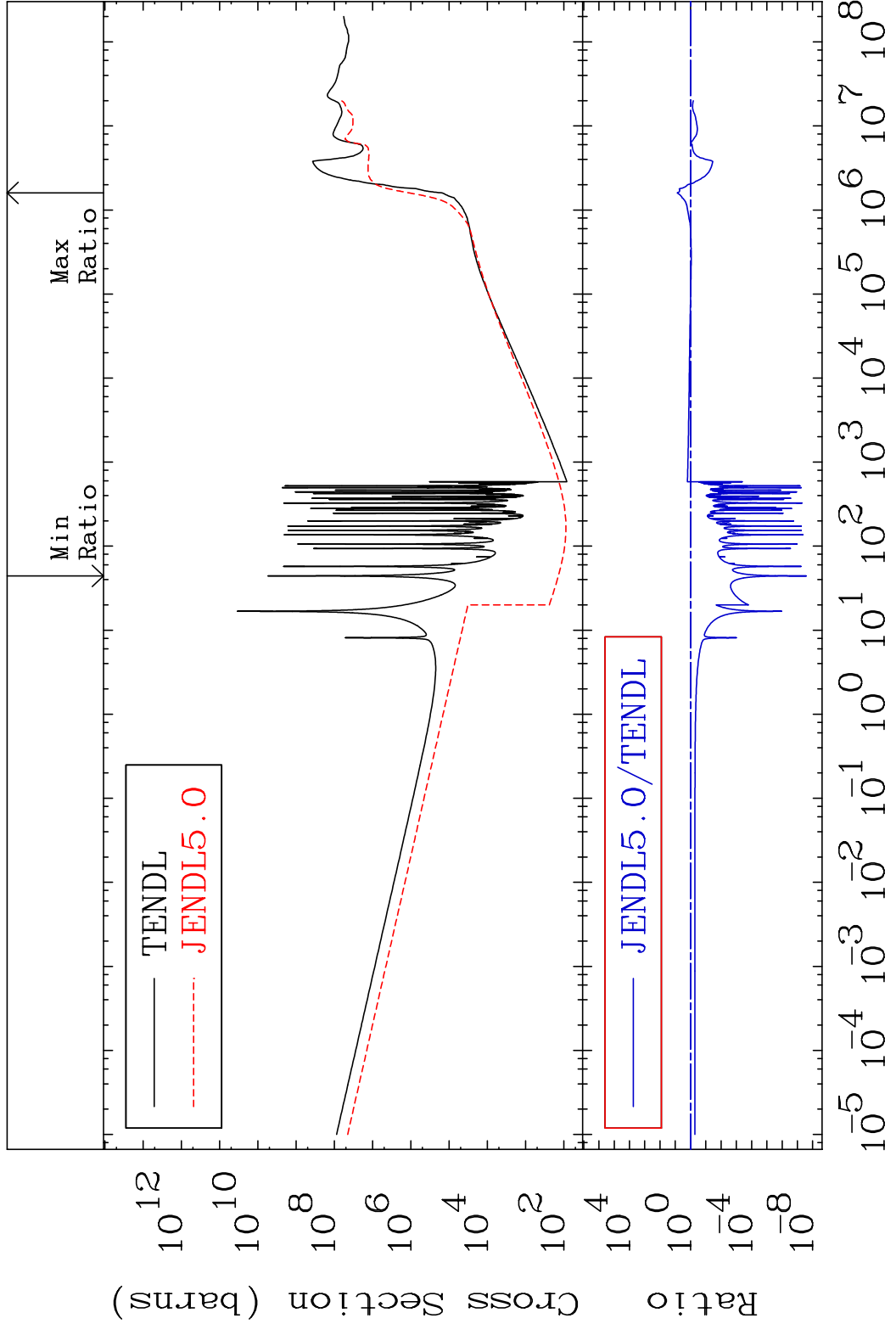
90-Th-234

(n, γ)

Cross Section -100.0 To 9999. %



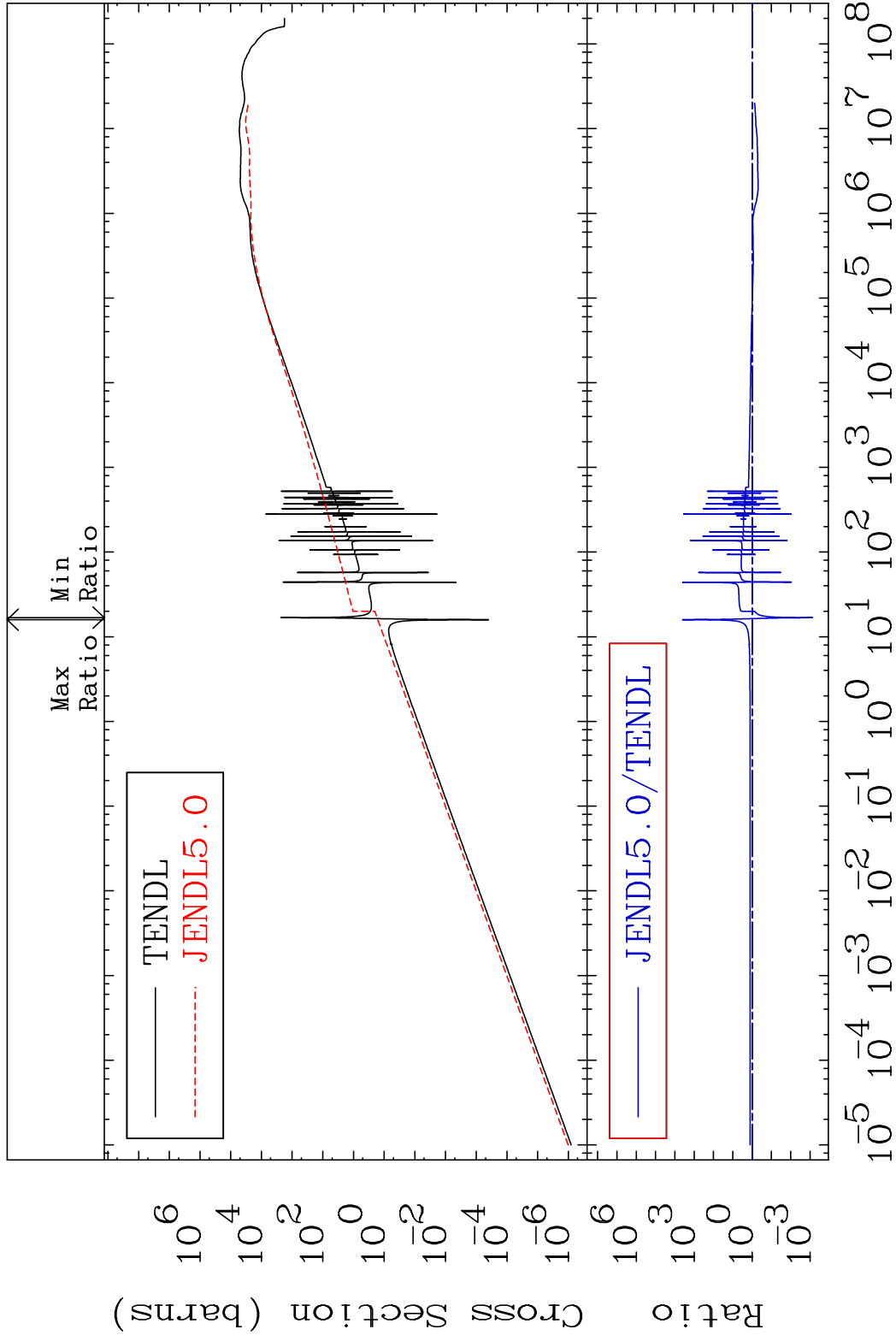
MAT 9046 Kerma total (eV-barns) 90-Th-234
 Cross Section -100.0 To 647.8 %



MAT 9046

Kerma elastic
Cross Section -99.93 To 9999. %

90-Th-234

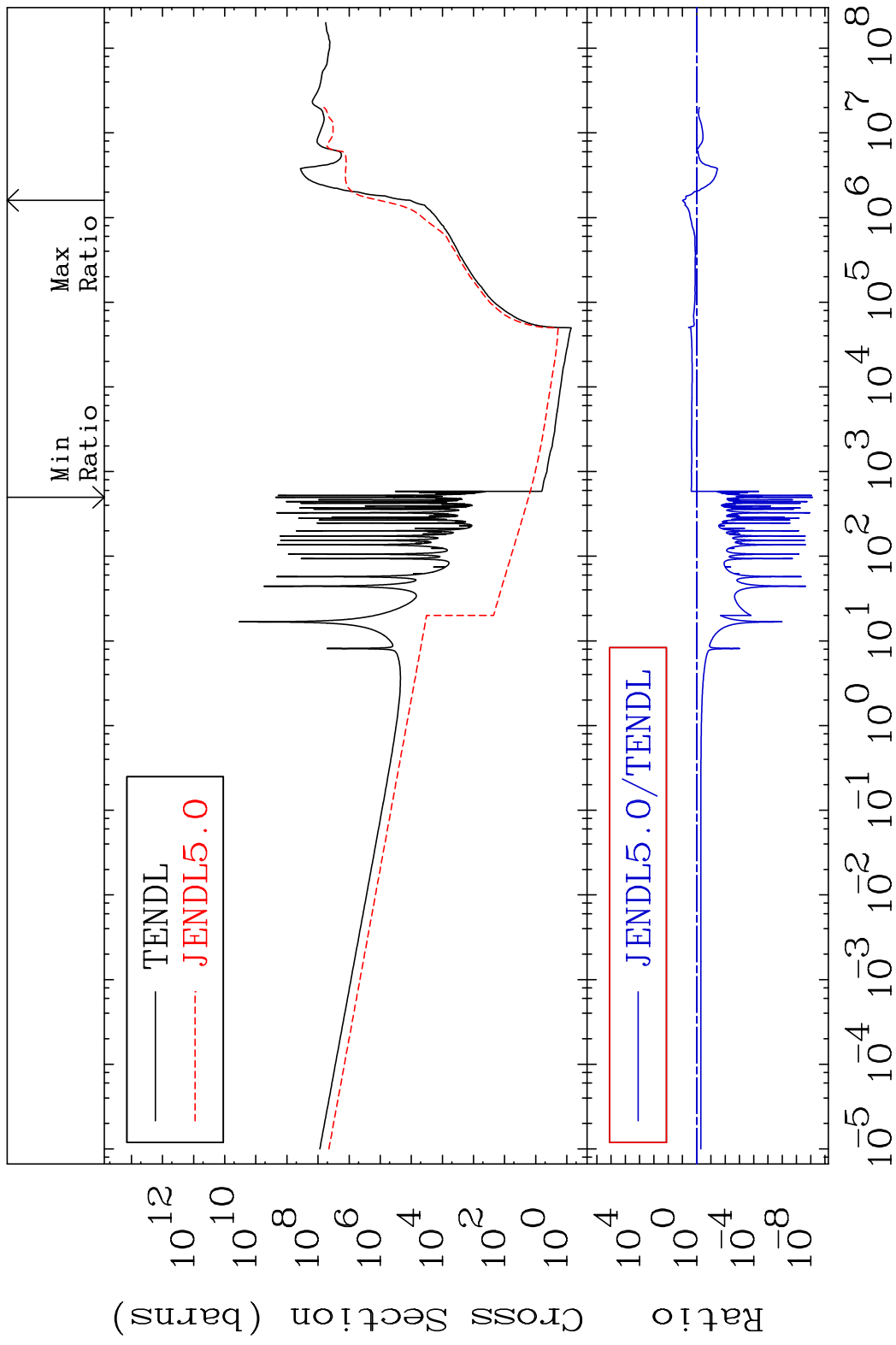


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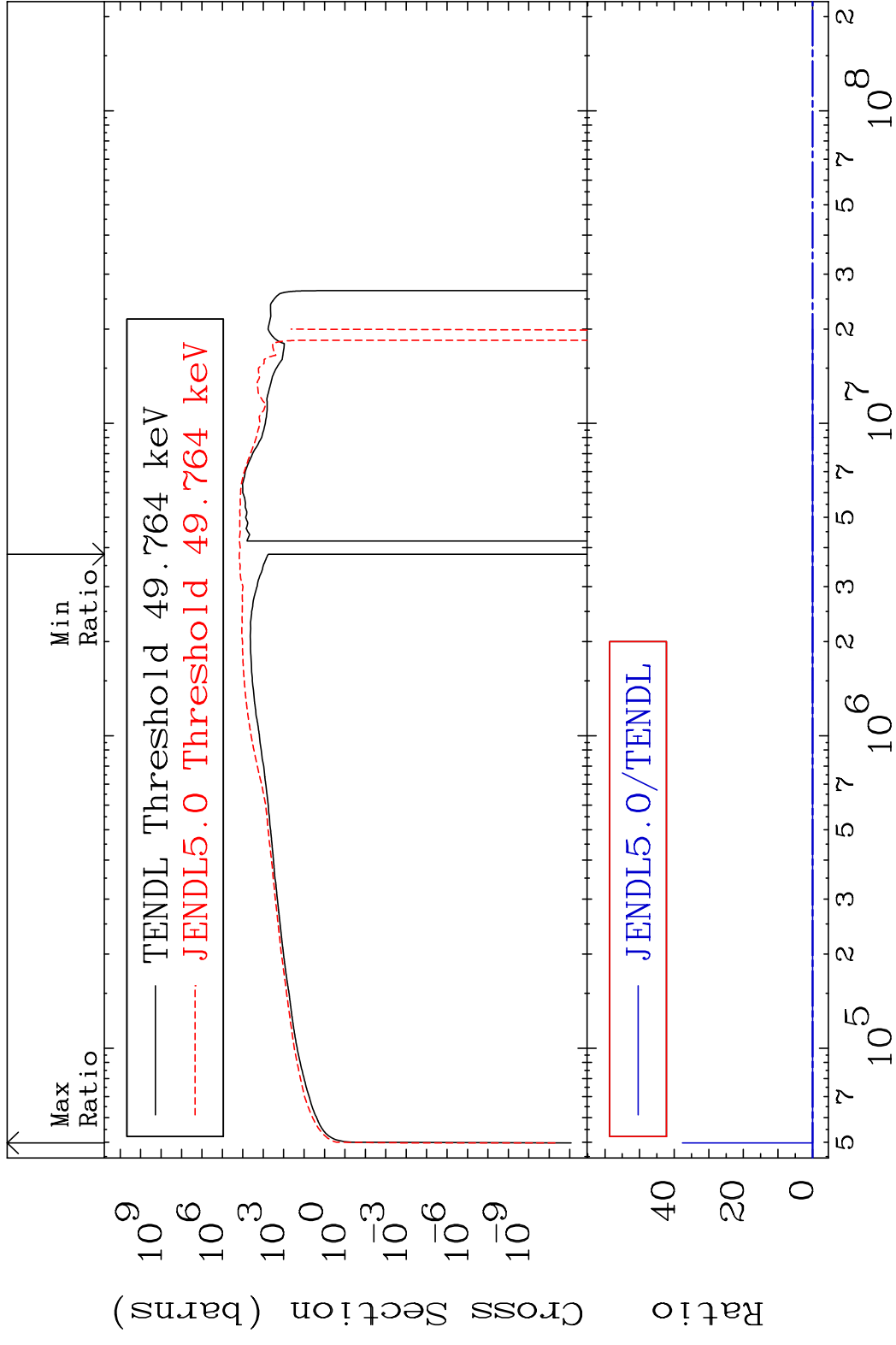
Incident Energy (eV)

90-Th-234

MAT 9046 Kerma non-elastic (all but mt2) 90-Th-234
 Cross Section -100.0 To 907.2 %

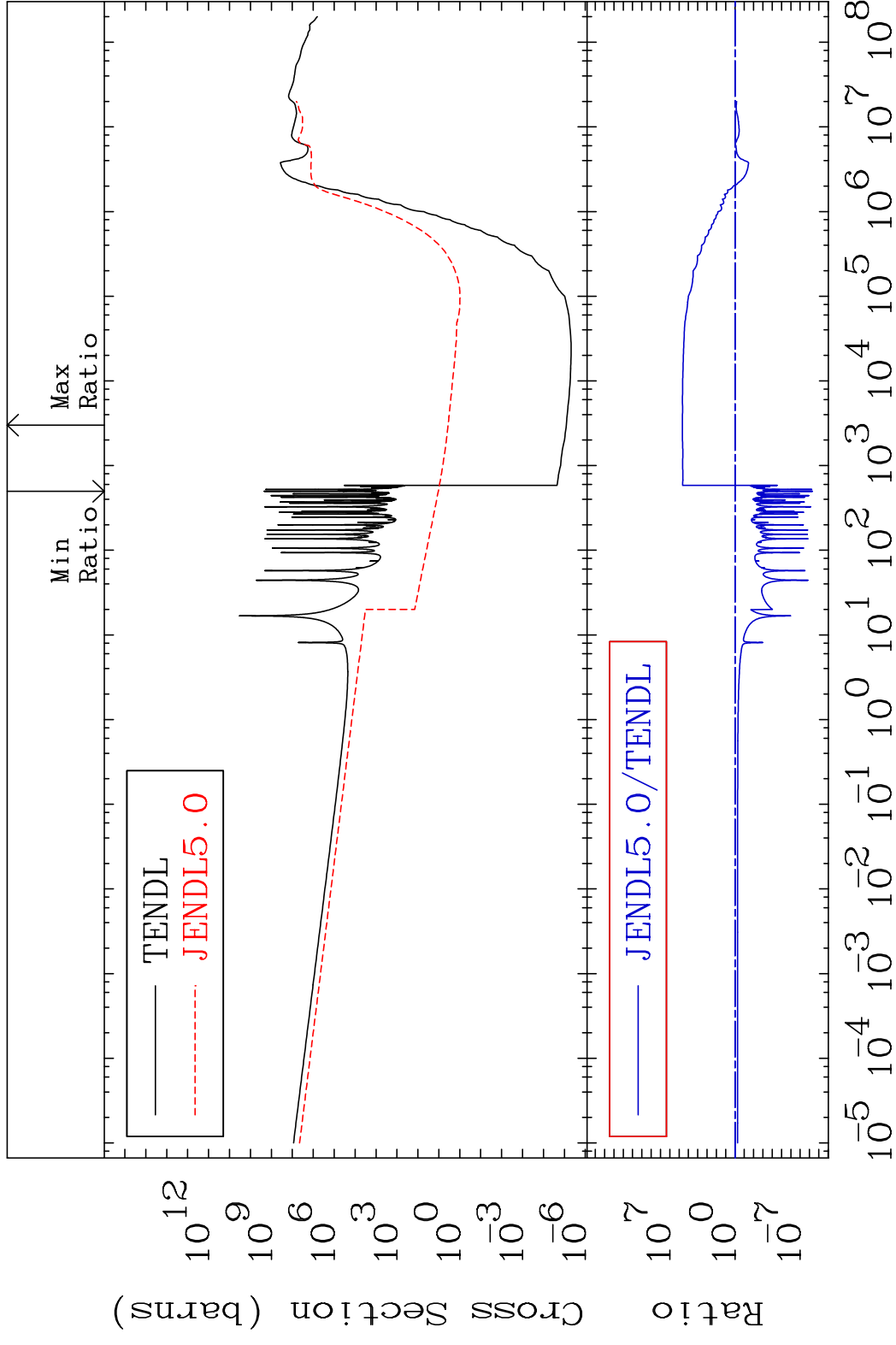


MAT 9046 Kerma inelastic (mt51-91) 90-Th-234
 Cross Section -344.0 To 9999. %



17 Incident Energy (eV) 90-Th-234

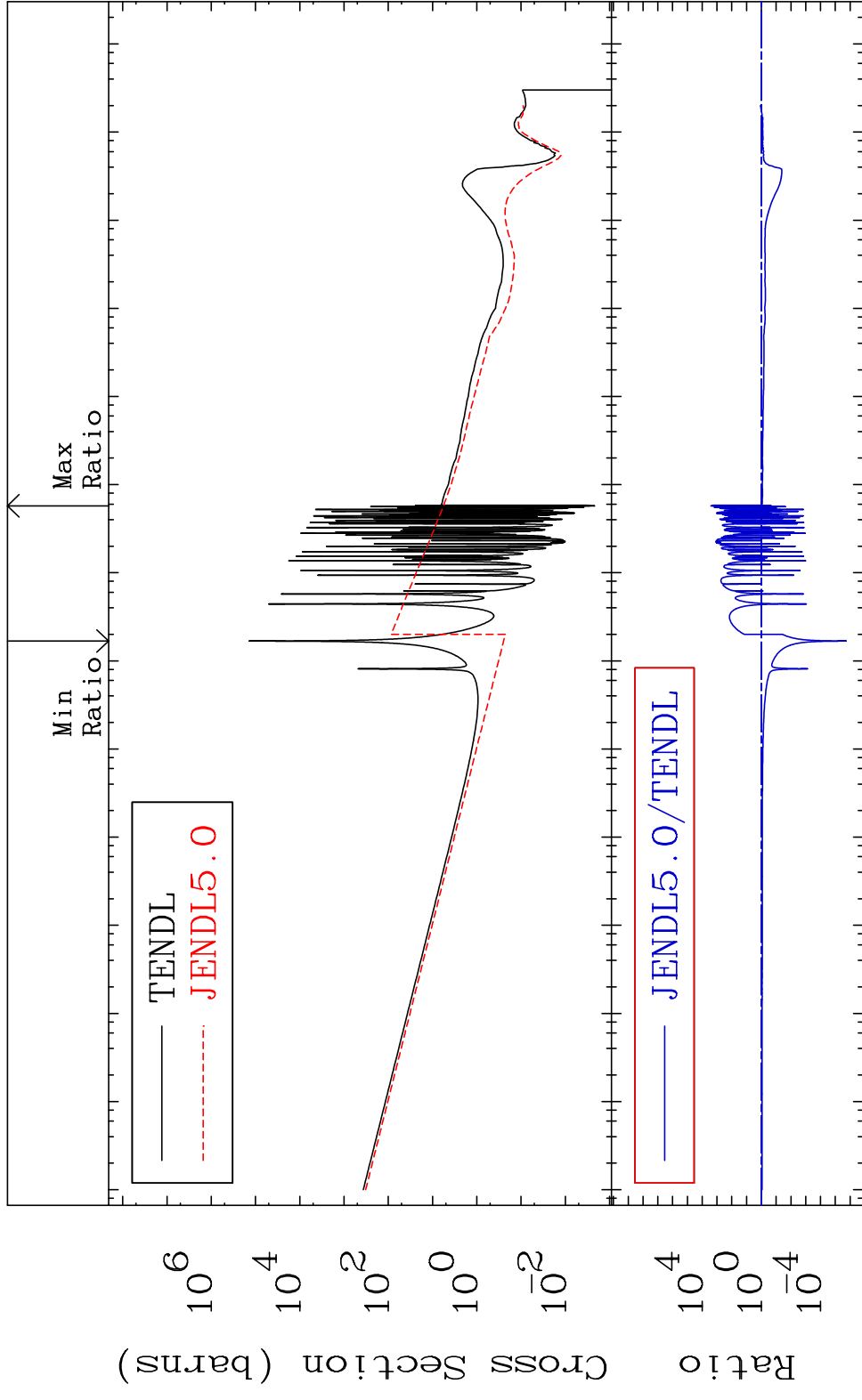
MAT 9046 Kerma fission (mt18 or mt19-20-21-38) 90-Th-234
 Cross Section -100.0 To 9999. %



MAT 9046

Kerma capture (mt102) 90-Th-234

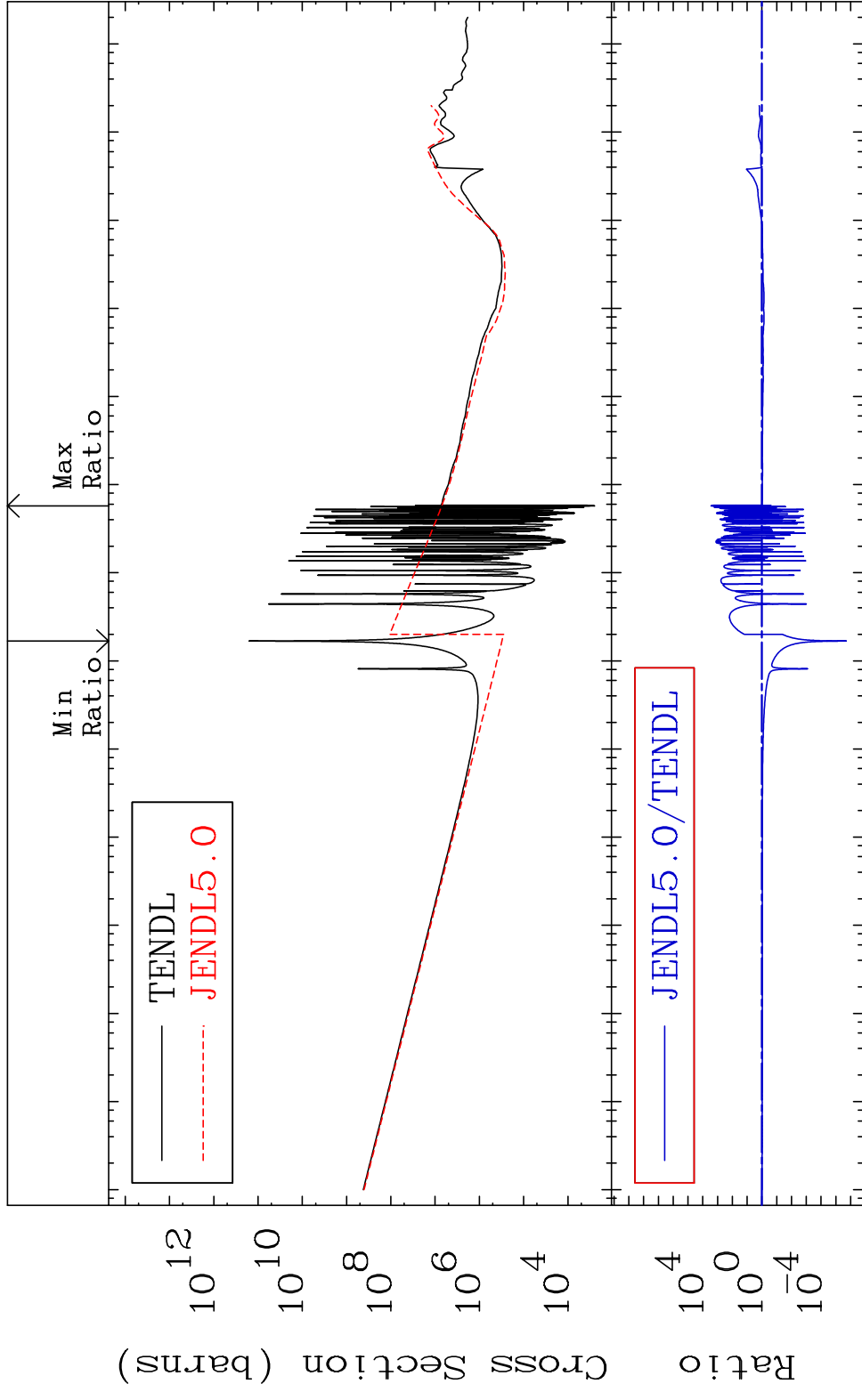
Cross Section -100.0 To 9999. %



Ratio
10⁴
10⁰
10⁻⁴

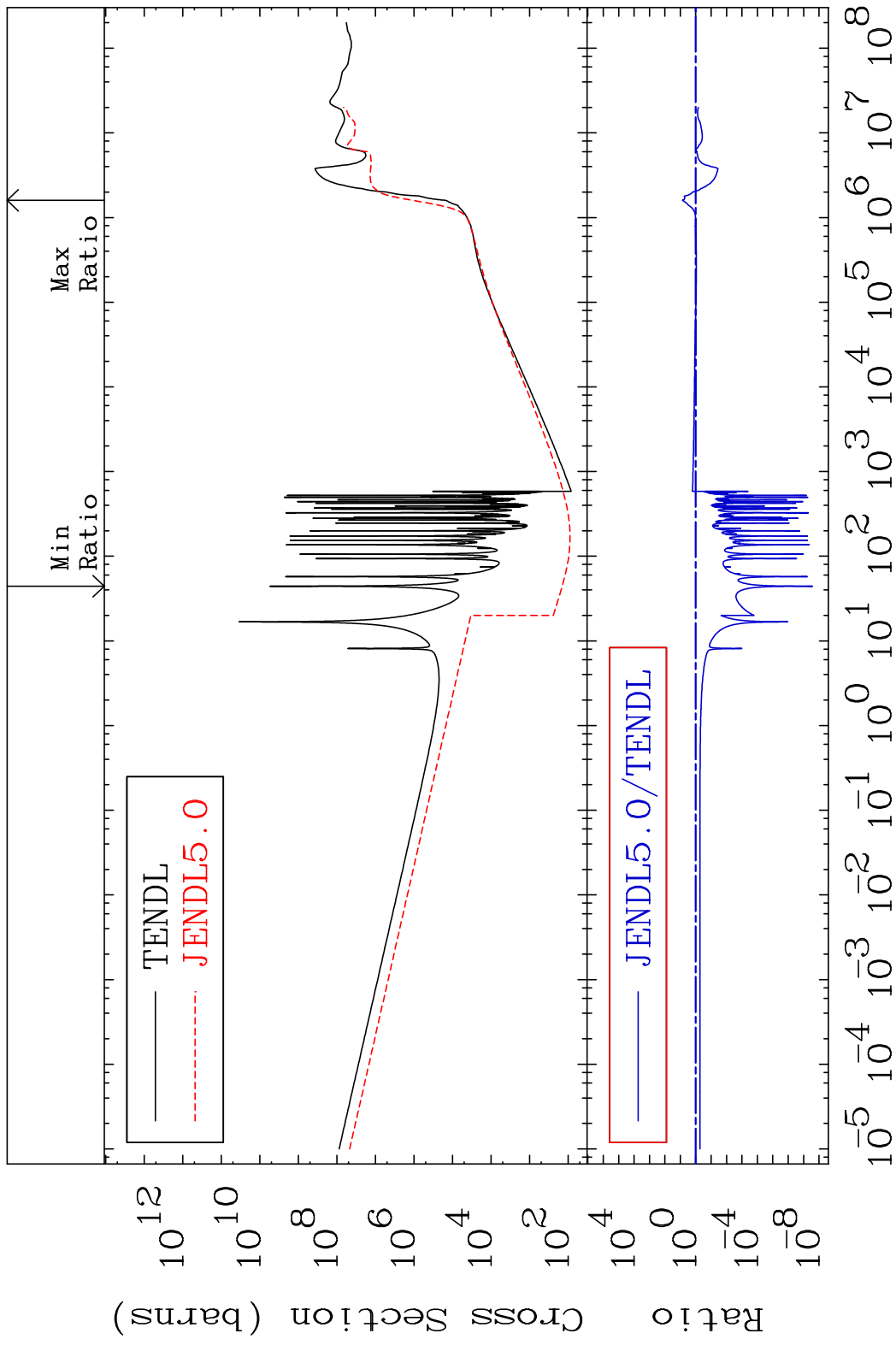
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

MAT 9046 Total photon (eV-barns) 90-Th-234
 Cross Section -100.0 To 9999. %

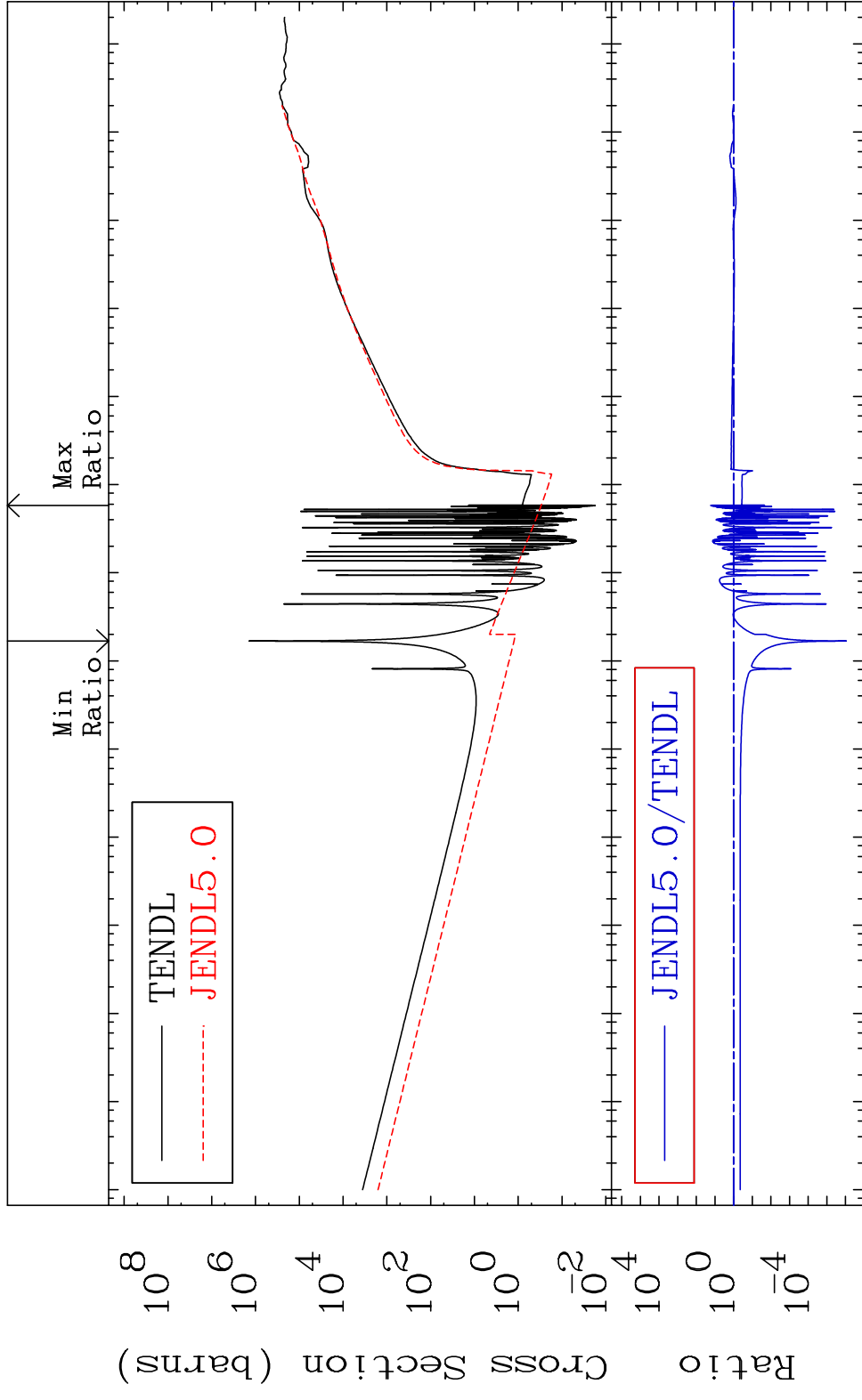


20 Incident Energy (eV) 90-Th-234

MAT 9046 Total kinematic kerma (high limit) 90-Th-234
 Cross Section -100.0 To 636.1 %



MAT 9046 Dpa total (eV-barns) 90-Th-234
 Cross Section -100.0 To 1589. %



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

Ratio
 Cross Section (barns)

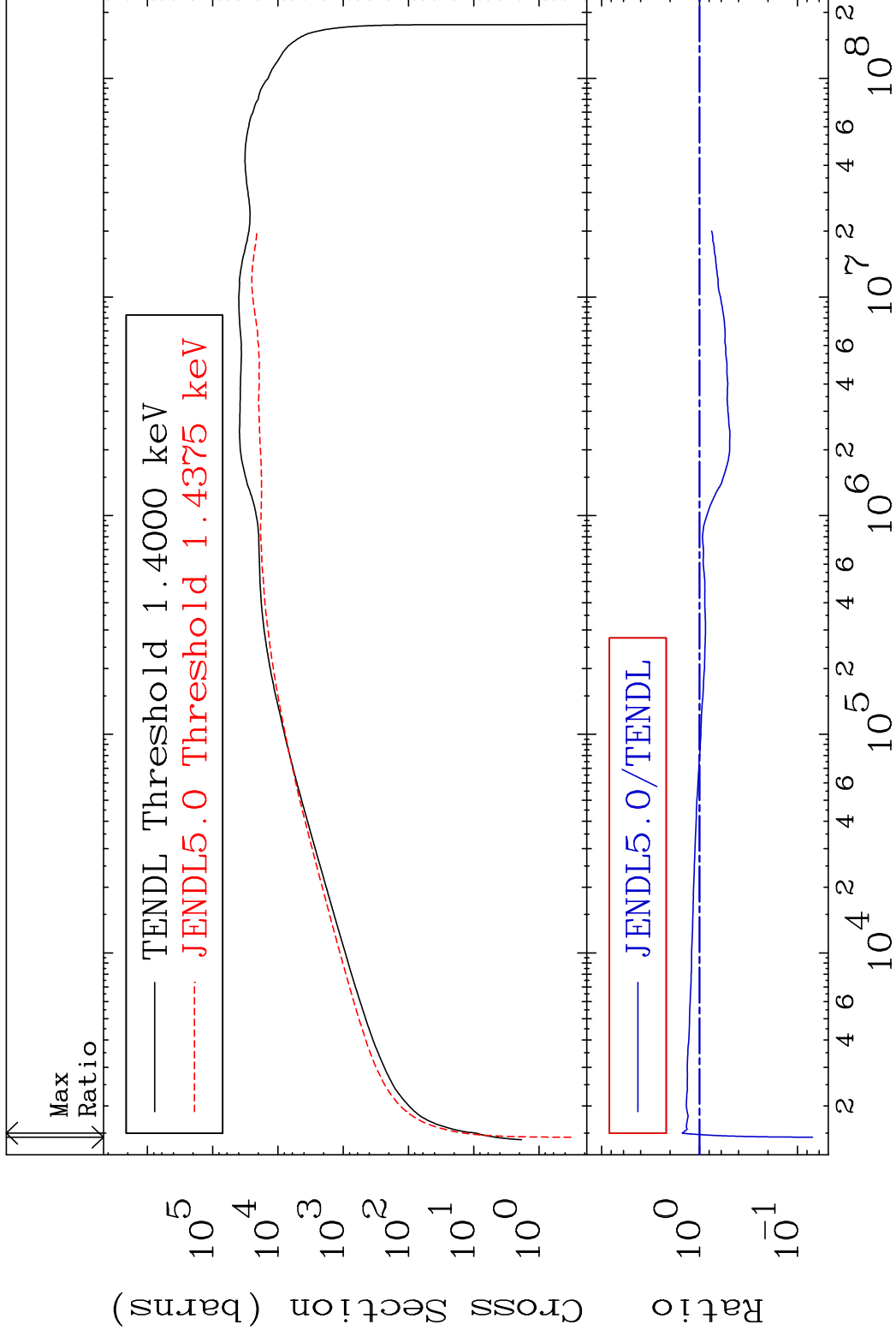
Incident Energy (eV) 90-Th-234

MAT 9046

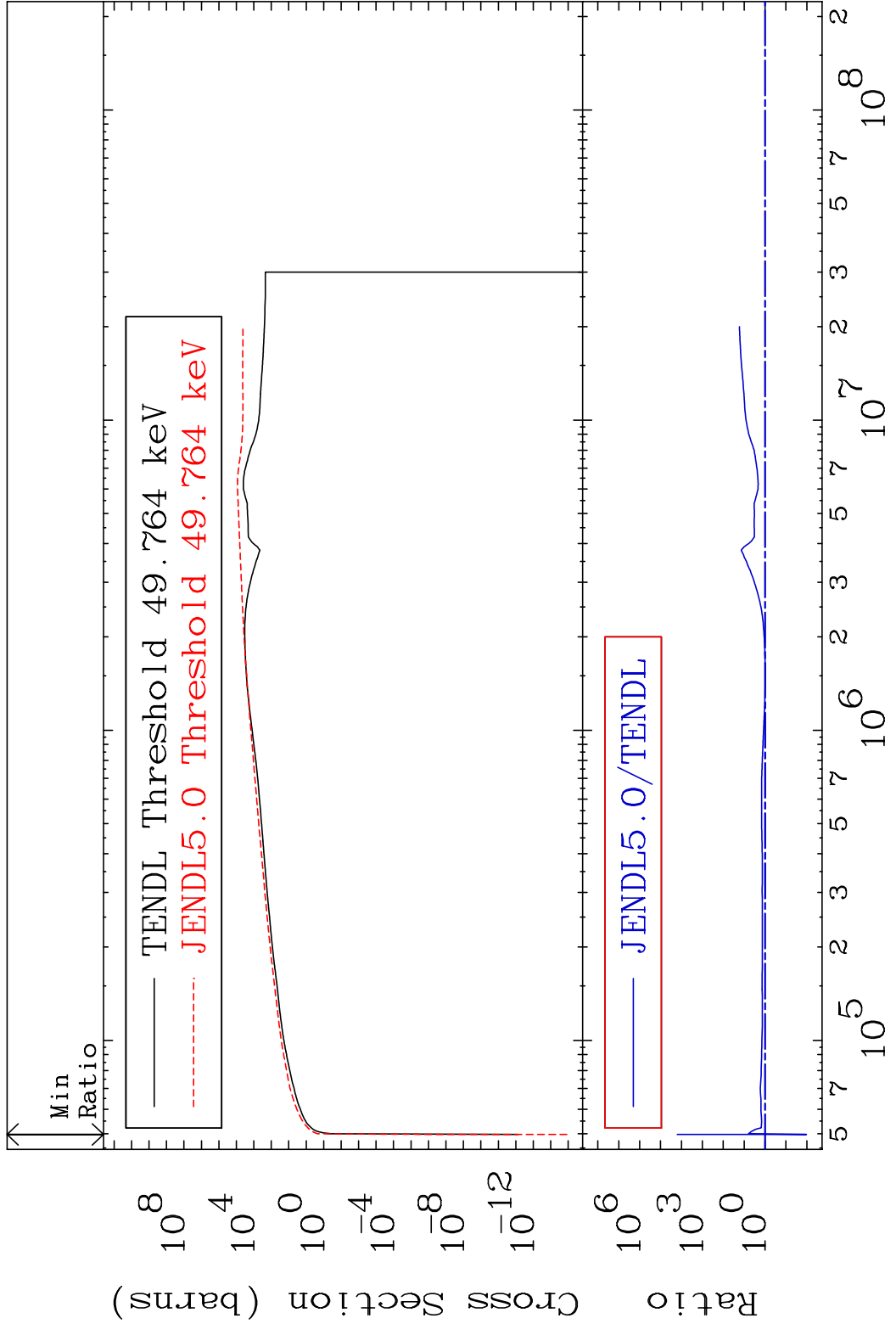
Dpa elastic (mt2)

90-Th-234

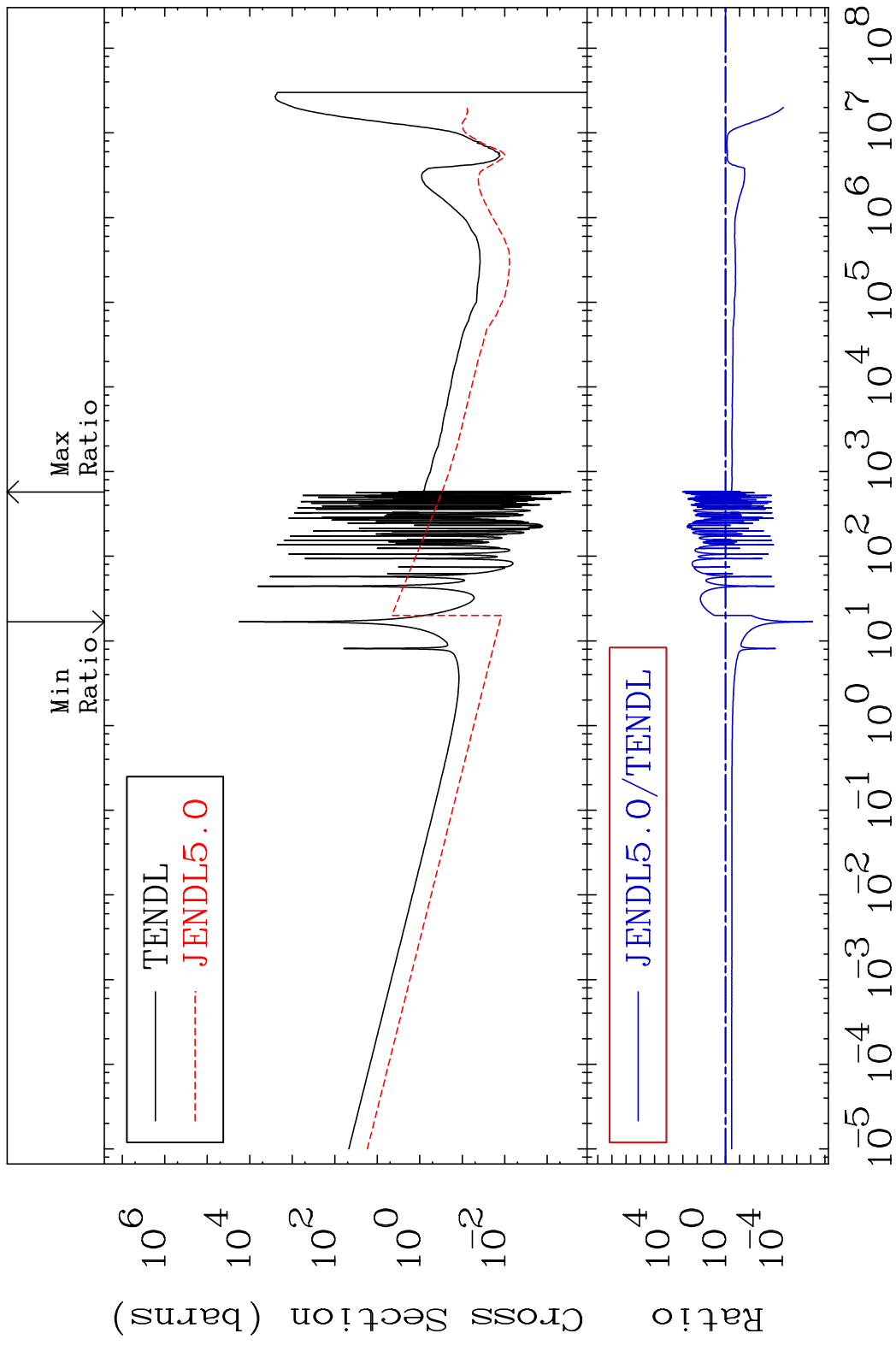
Cross Section -92.97 To 50.73 %



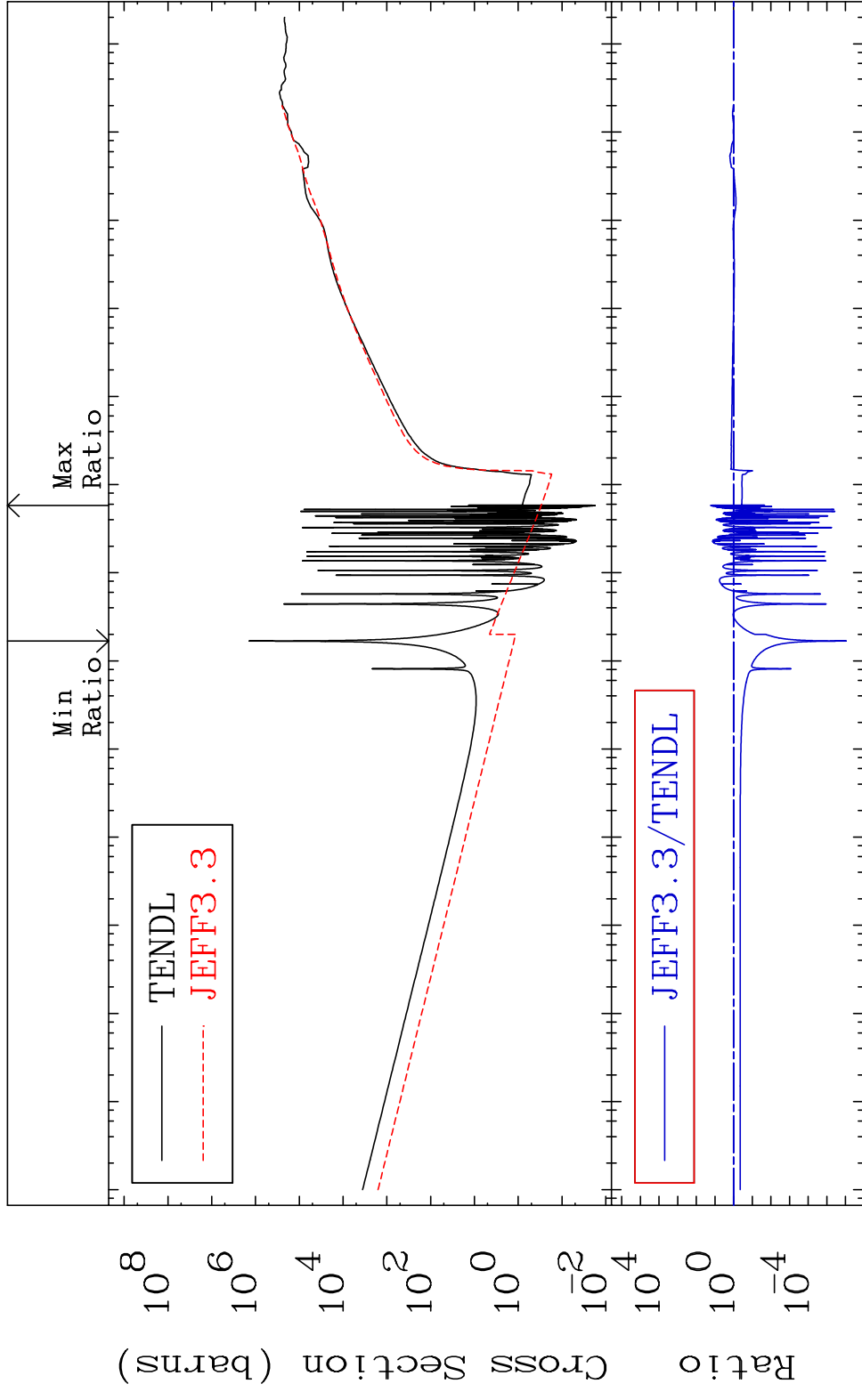
MAT 9046 Dpa inelastic (mt51-91) 90-Th-234
 Cross Section -98.95 To 9999. %



MAT 9046 Dpa disappearance (mt102 -120) 90-Th-234
 Cross Section -100.0 To 9999. %



MAT 9046 Dpa total (eV-barns) 90-Th-234
 Cross Section -100.0 To 1589. %

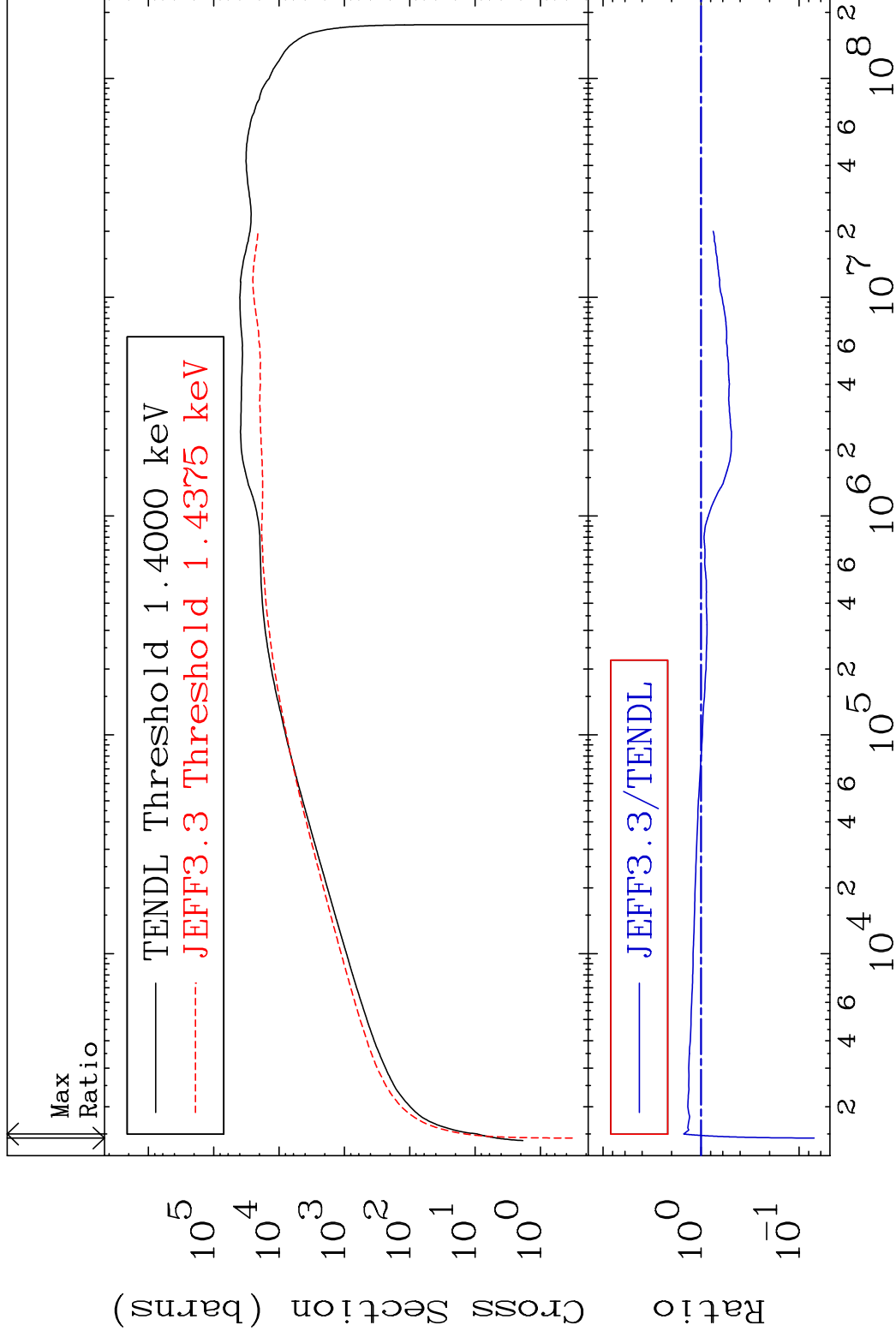


MAT 9046

Dpa elastic (mt2)

90-Th-234

Cross Section -92.97 To 50.73 %

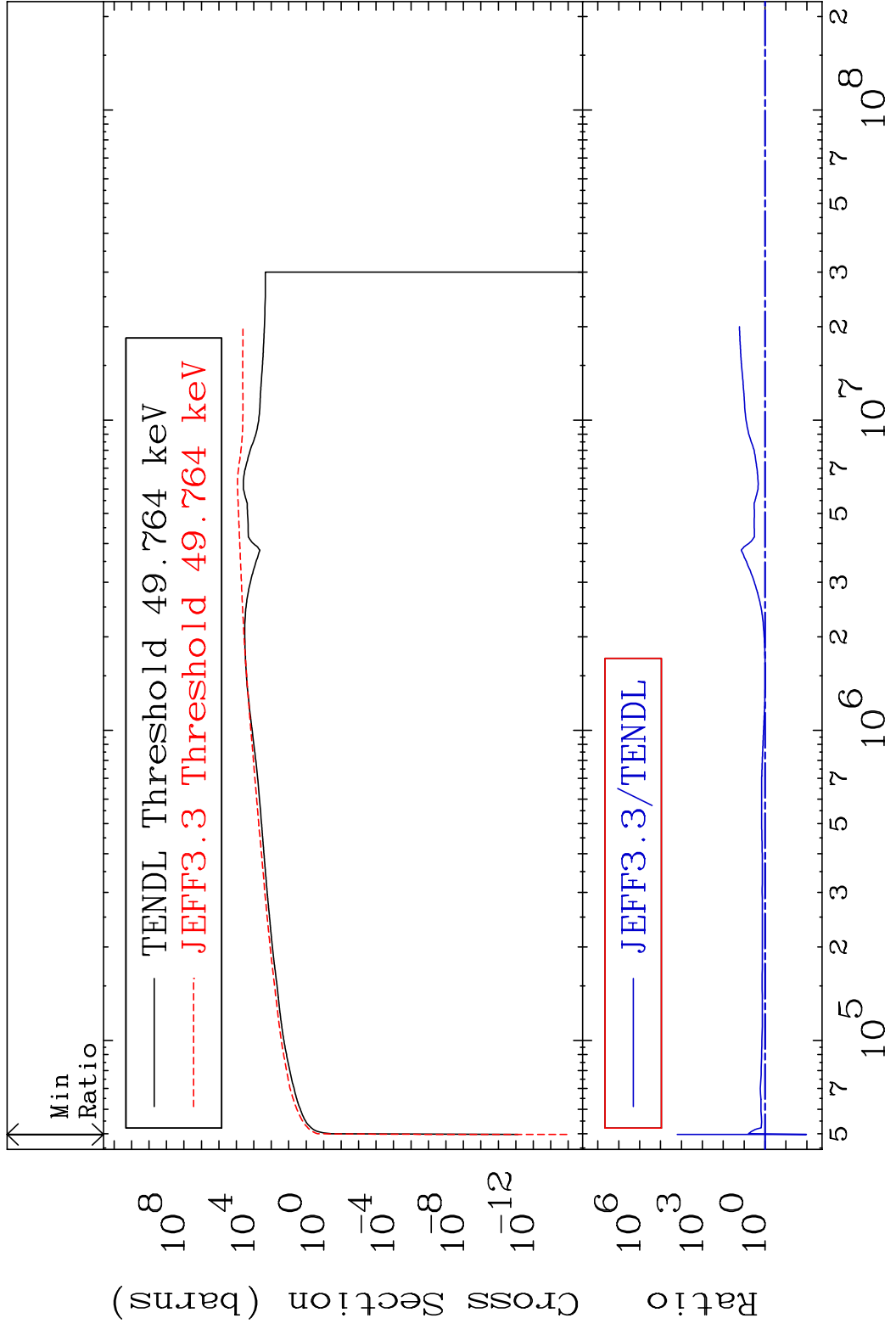


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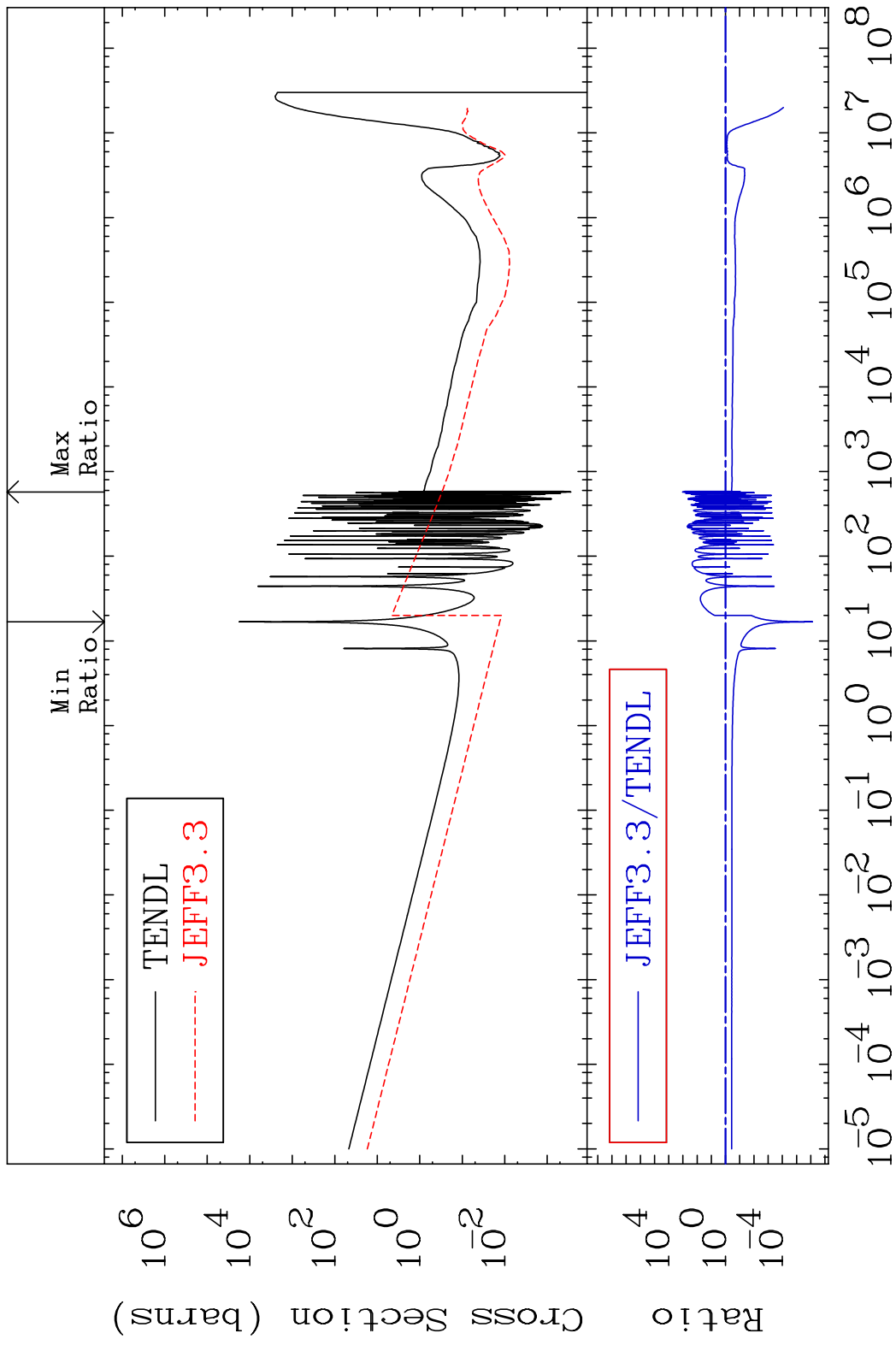
Incident Energy (eV)

90-Th-234

MAT 9046 Dpa inelastic (mt51-91) 90-Th-234
 Cross Section -98.95 To 9999. %



MAT 9046 Dpa disappearance (mt102 -120) 90-Th-234
 Cross Section -100.0 To 9999. %



29 Incident Energy (eV) 90-Th-234