

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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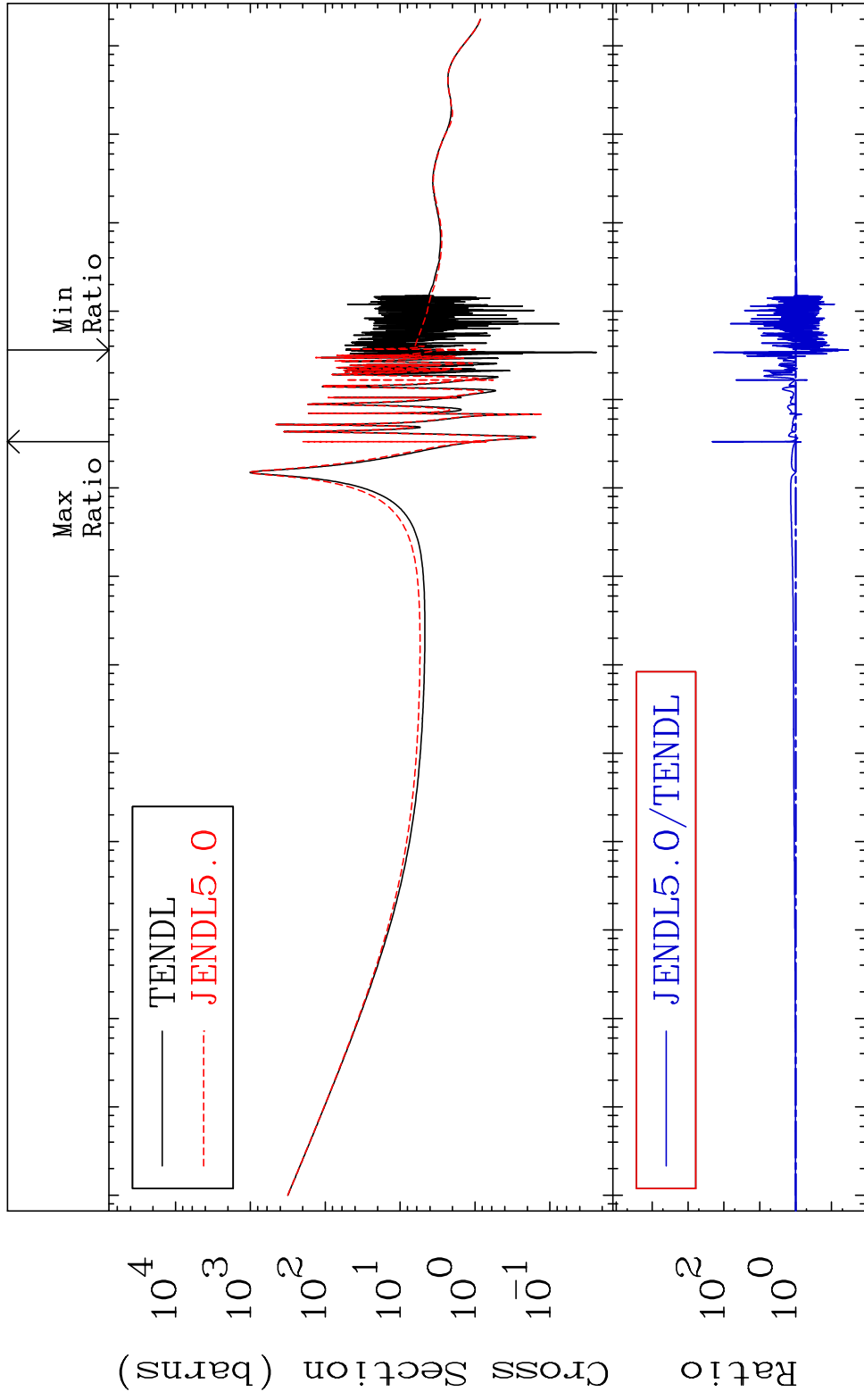
Press Mouse Button to Start

MAT 2034

Total

20-Ca-43

Cross Section -96.59 To 9999. %



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

1

Incident Energy (eV)

20-Ca-43

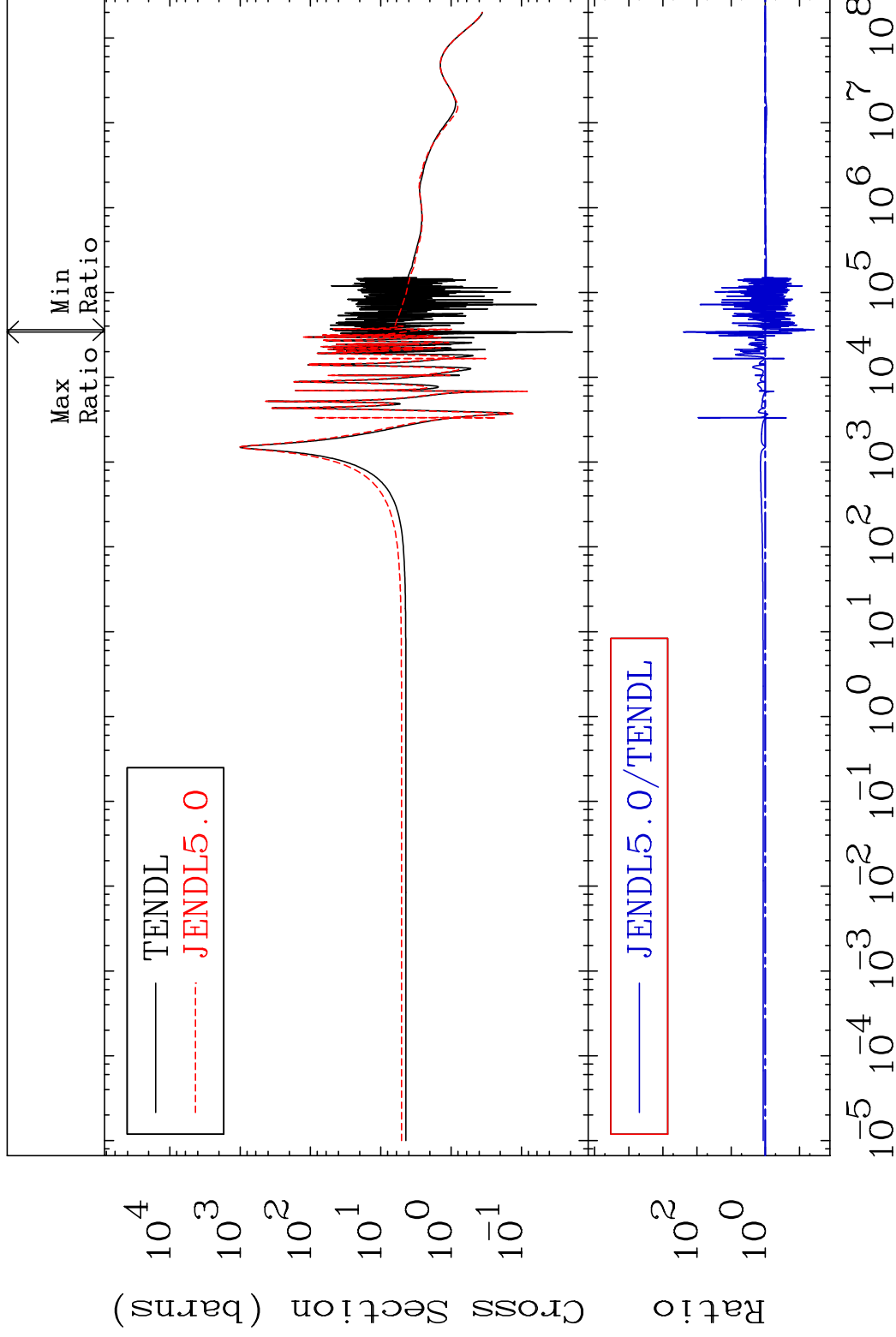
MAT 2034

Elastic

20-Ca-43

Cross Section

-96.28 To 9999. %

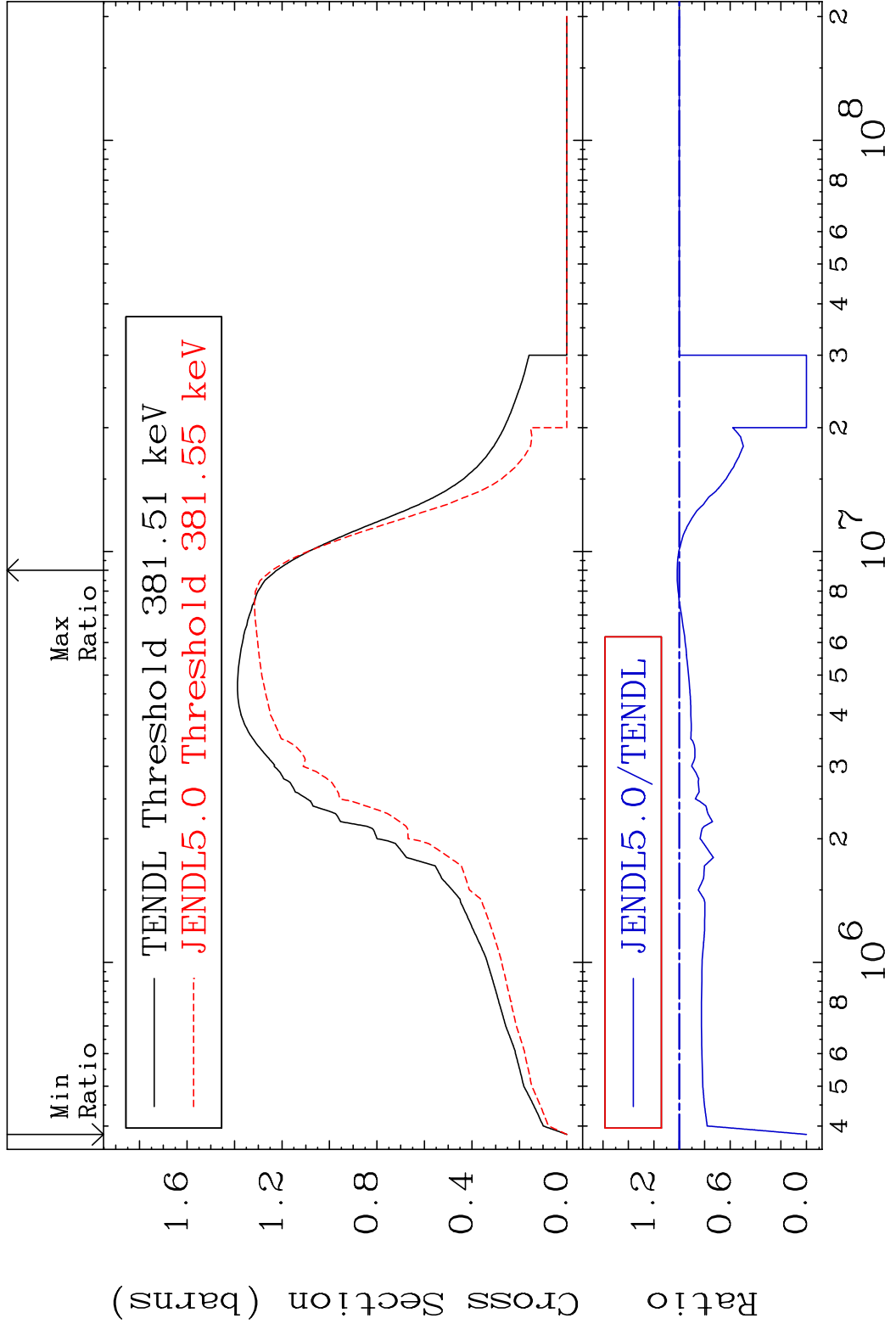


2

Incident Energy (eV)

20-Ca-43

MAT 2034 Inelastic Cross Section -100.0 To 1.615 % 20-Ca-43



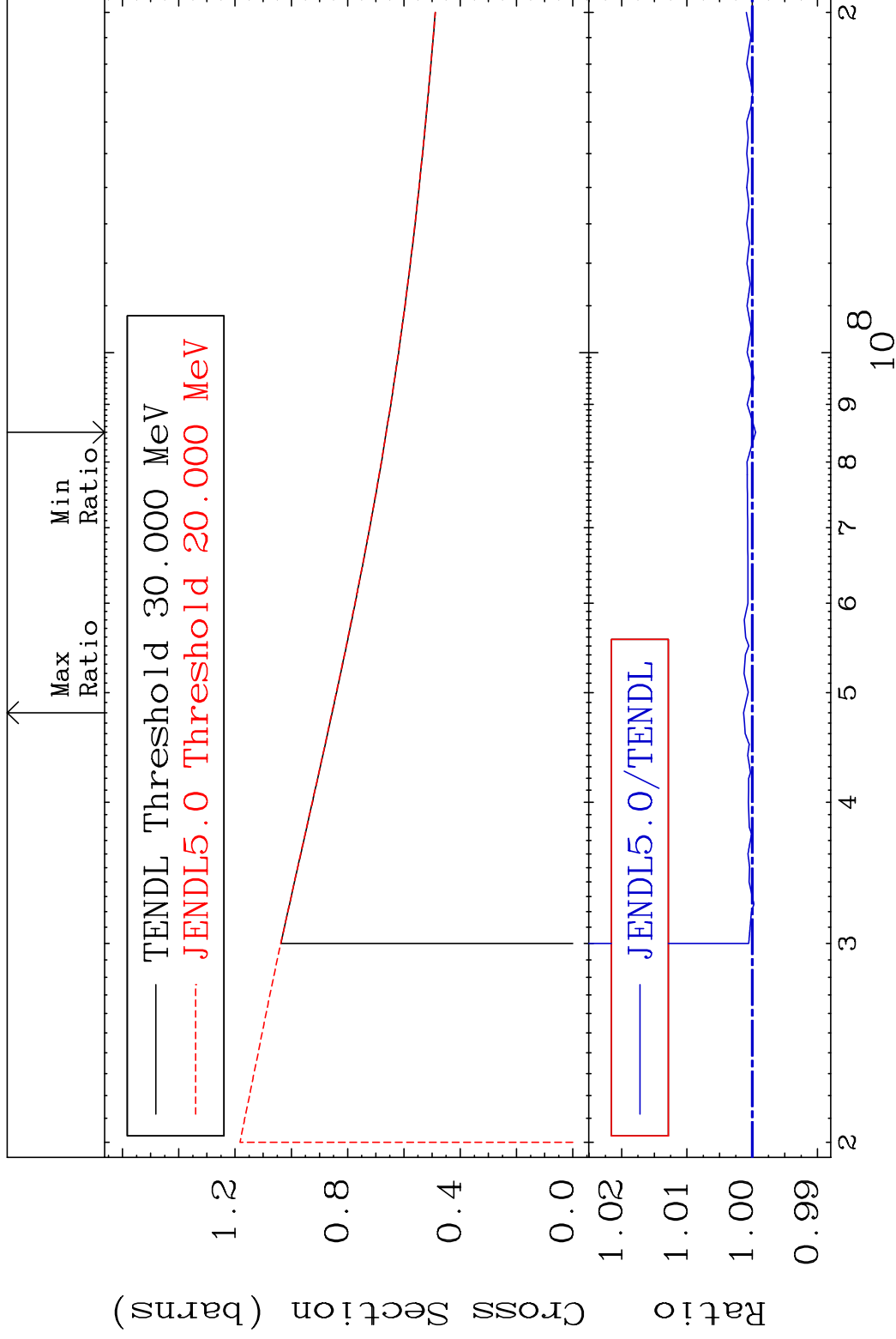
3 Incident Energy (eV) 20-Ca-43

MAT 2034

(n, remainder)

20-Ca-43

Cross Section -0.052 To 0.132 %

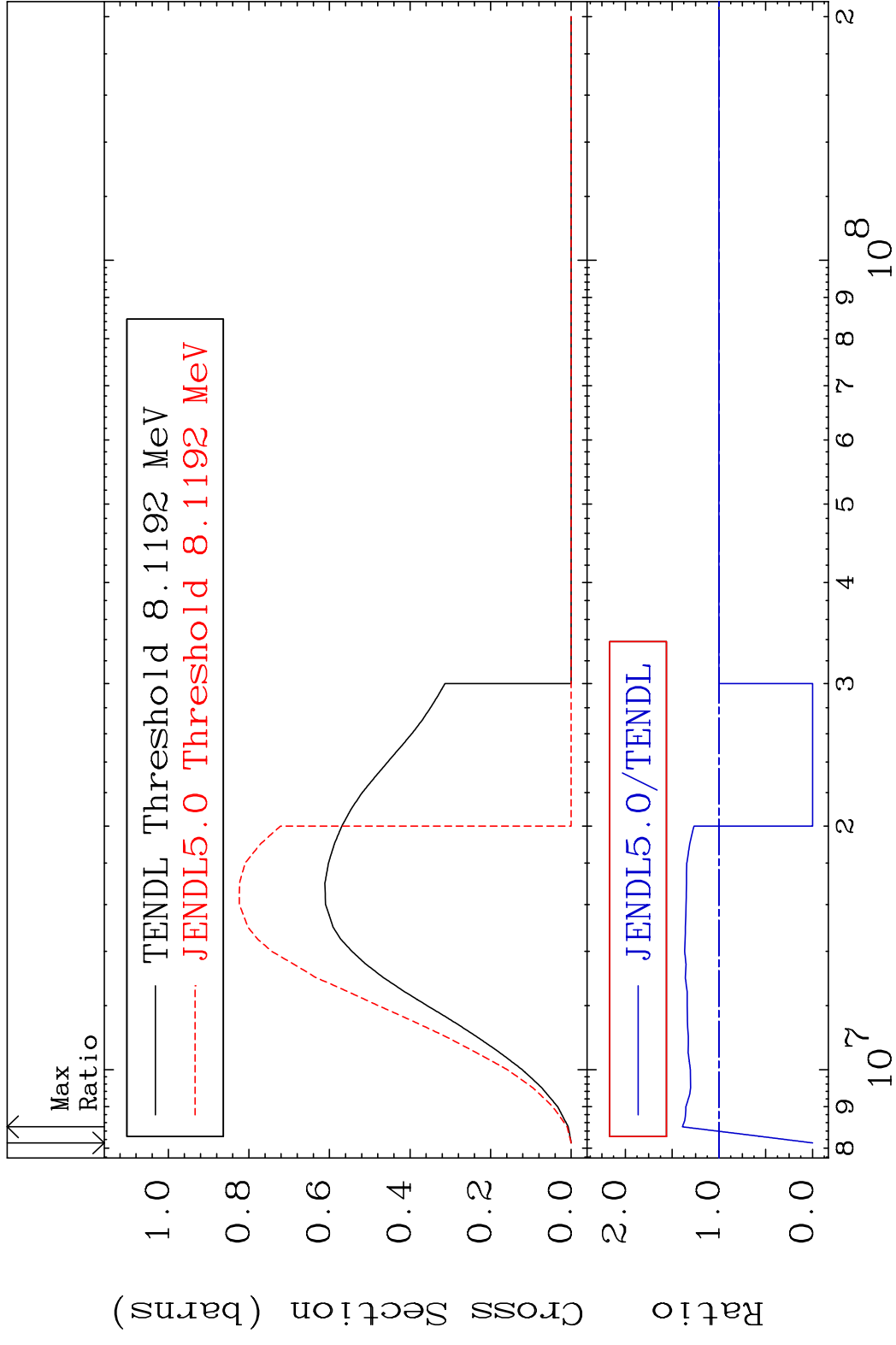


4

Incident Energy (eV)

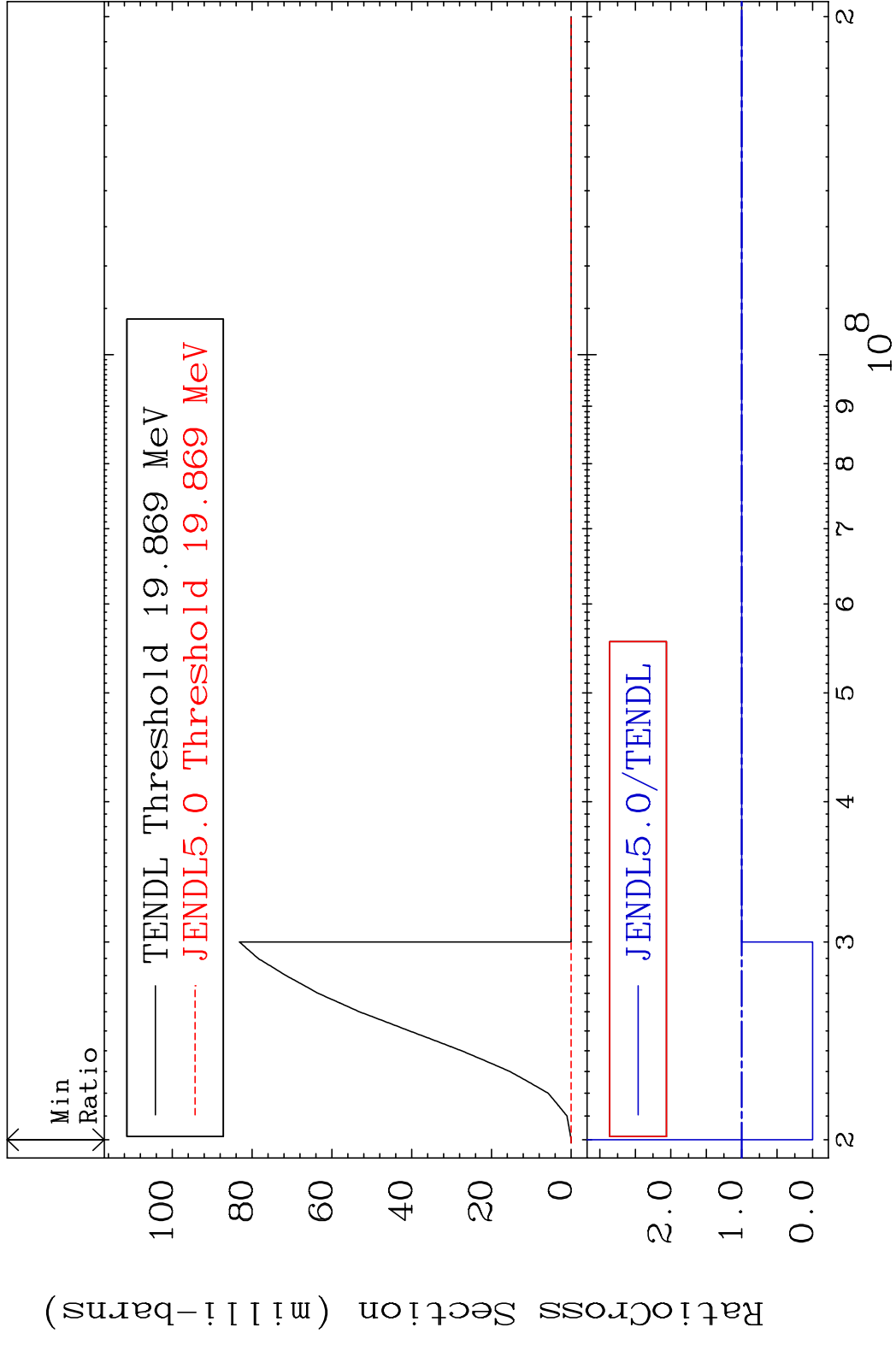
20-Ca-43

MAT 2034 (n,2n) 20-Ca-43
 Cross Section -100.0 To 39.05 %

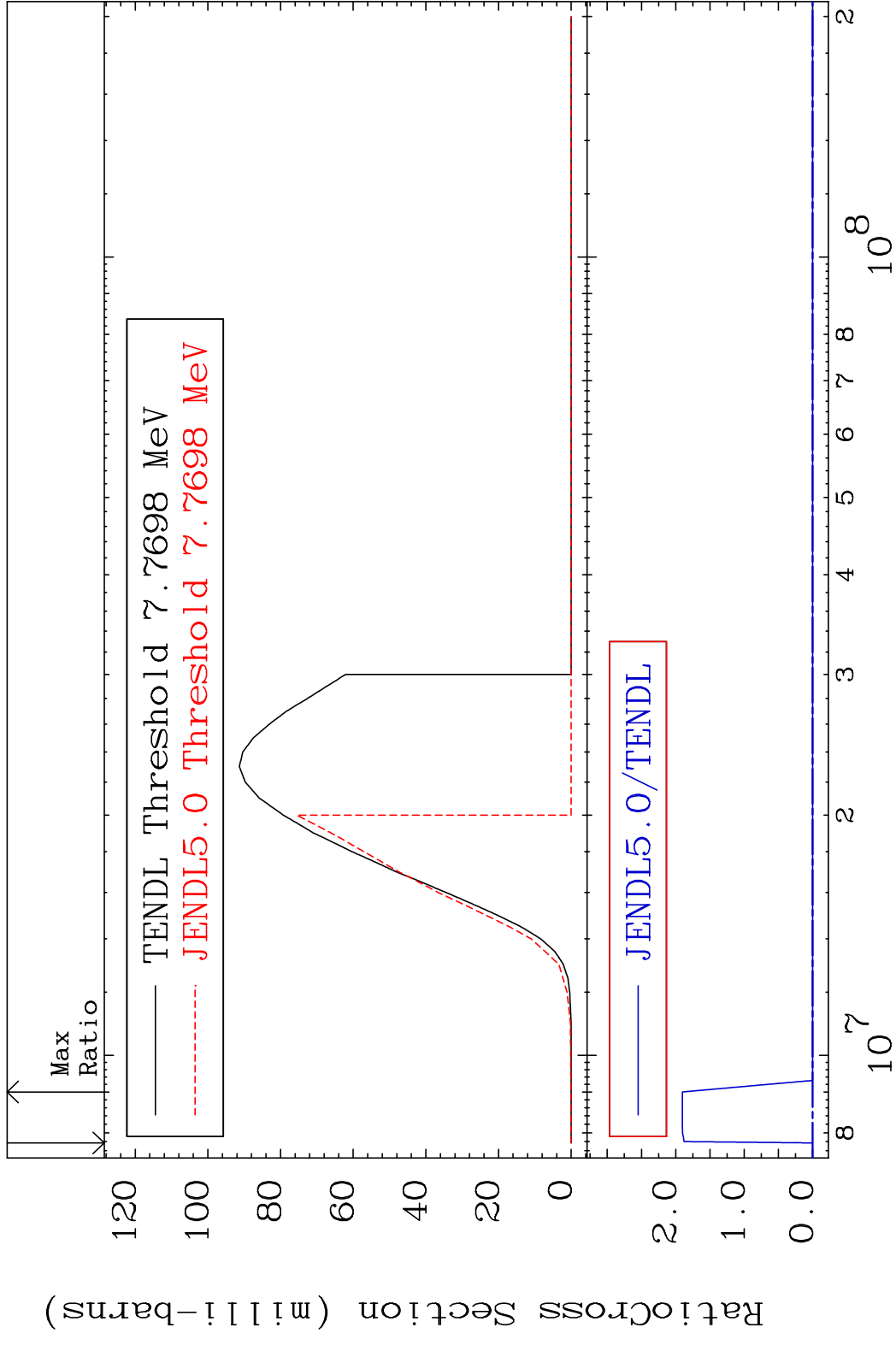


5 Incident Energy (eV) 20-Ca-43

MAT 2034 (n,3n) 20-Ca-43
 Cross Section -100.0 To 83.69 %

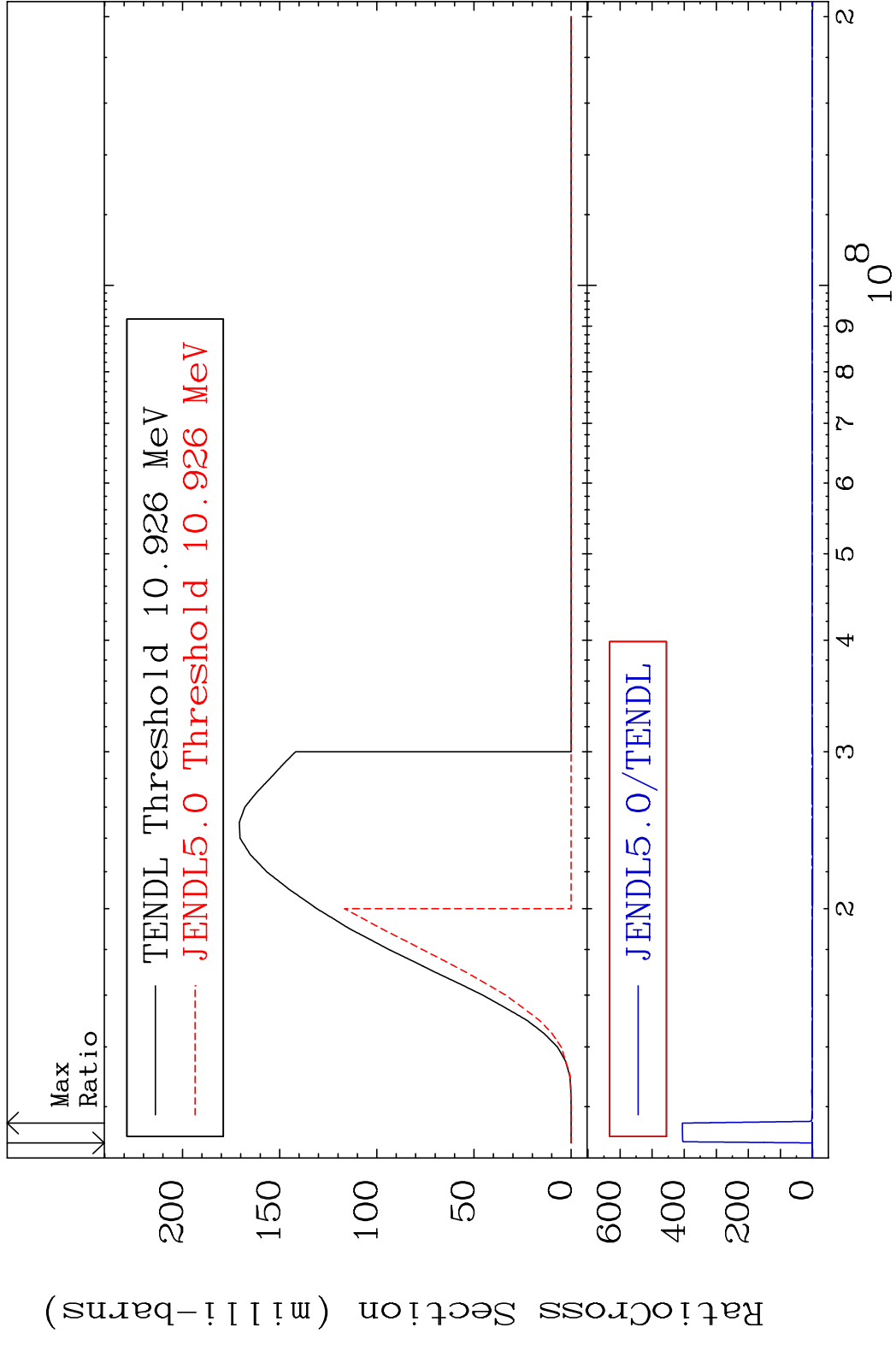


MAT 2034 (n, n') α 20-Ca-43
 Cross Section -100.0 To 9999. %

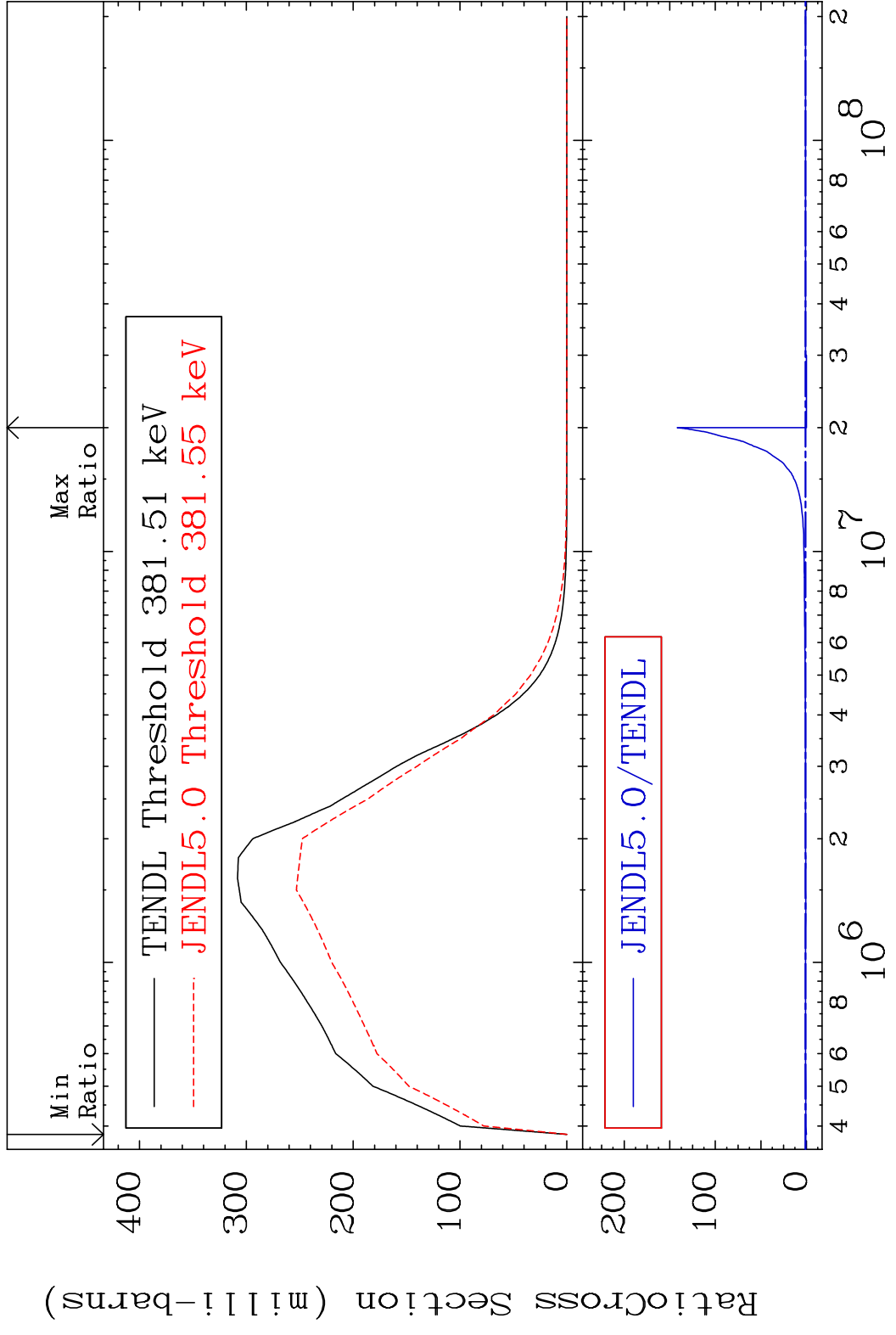


7 8 10⁷ 10⁸ 20-Ca-43

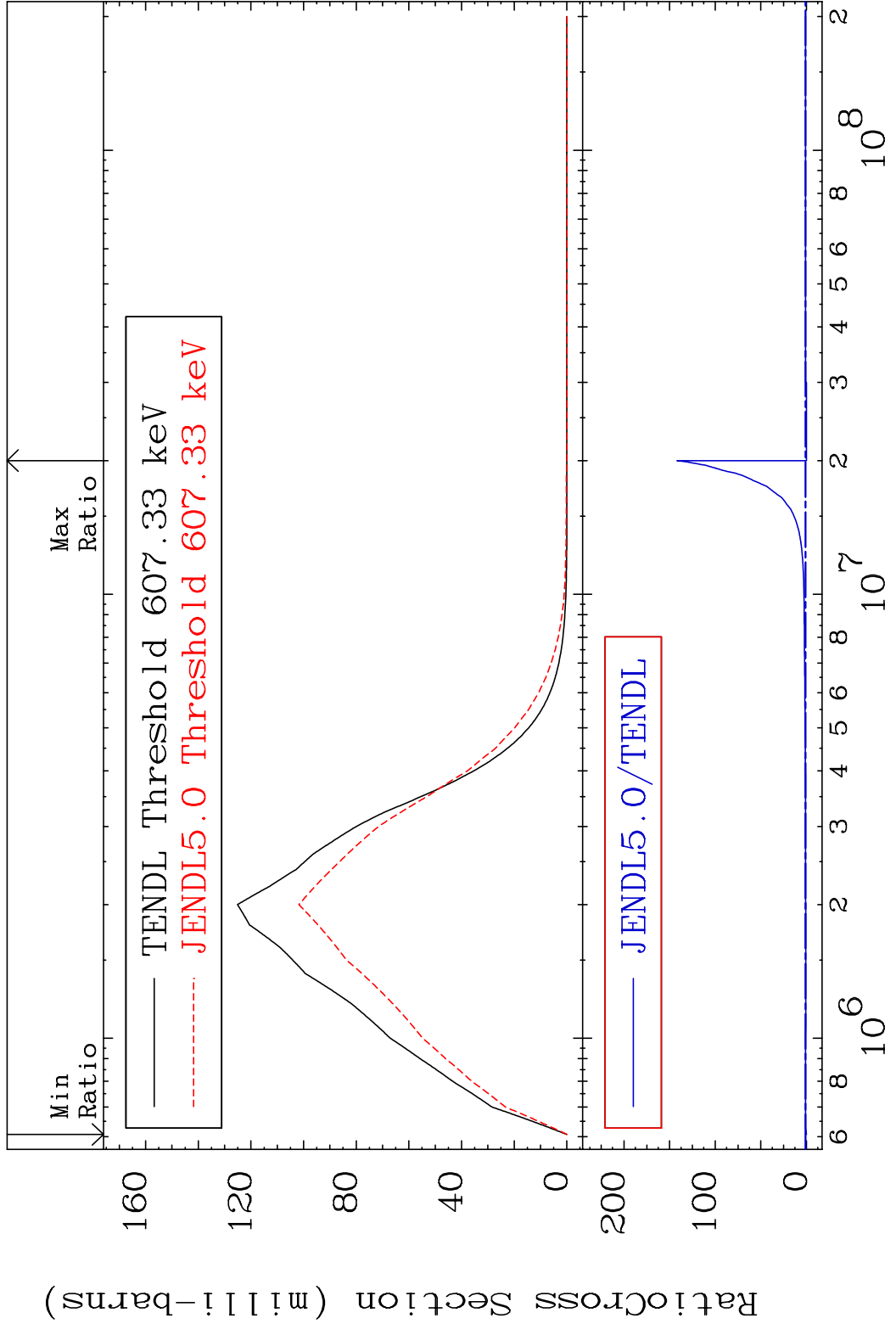
MAT 2034 (n, n') p 20-Ca-43
 Cross Section -100.0 To 9999. %



MAT 2034 MT= 51 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %

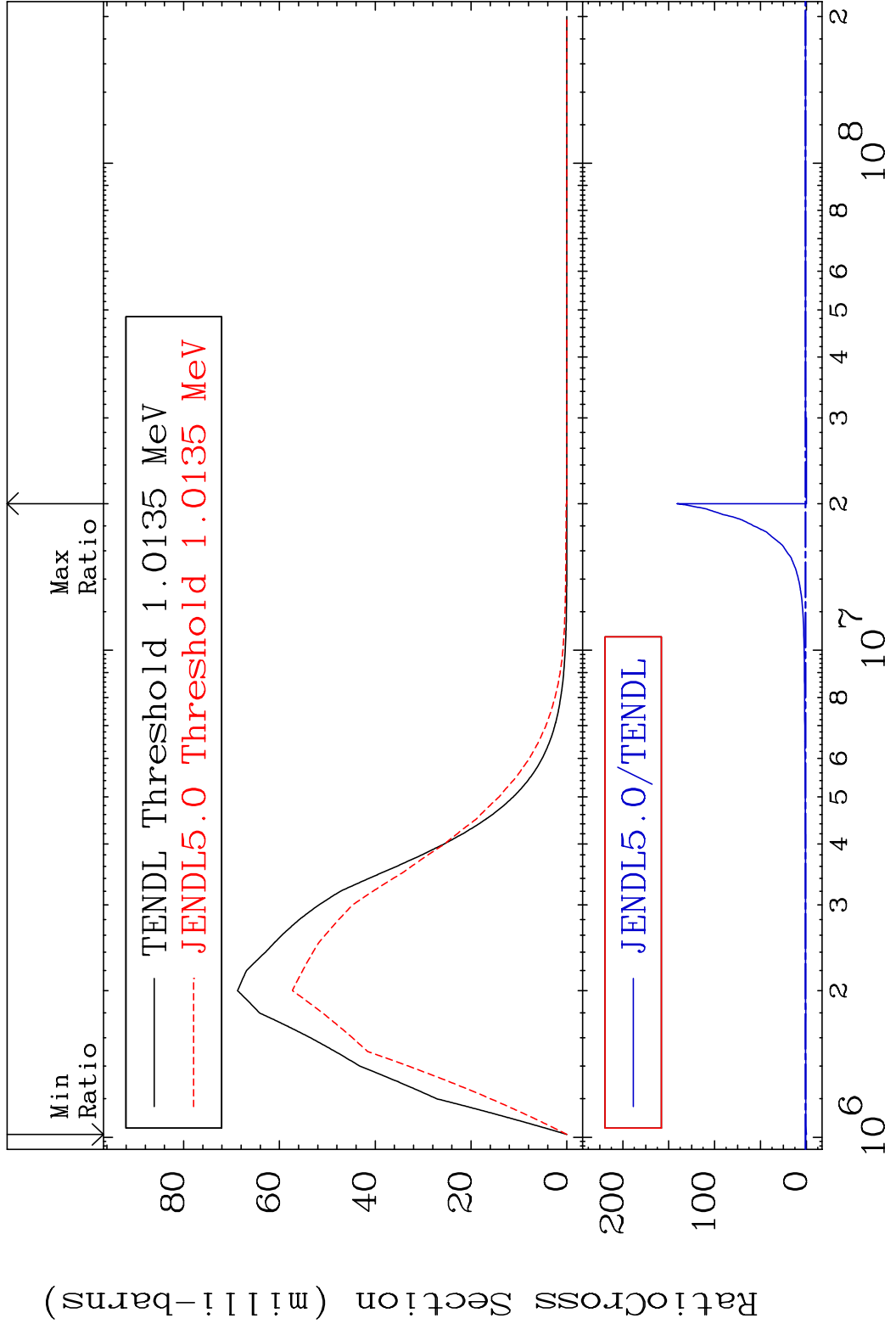


MAT 2034 MT= 52 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



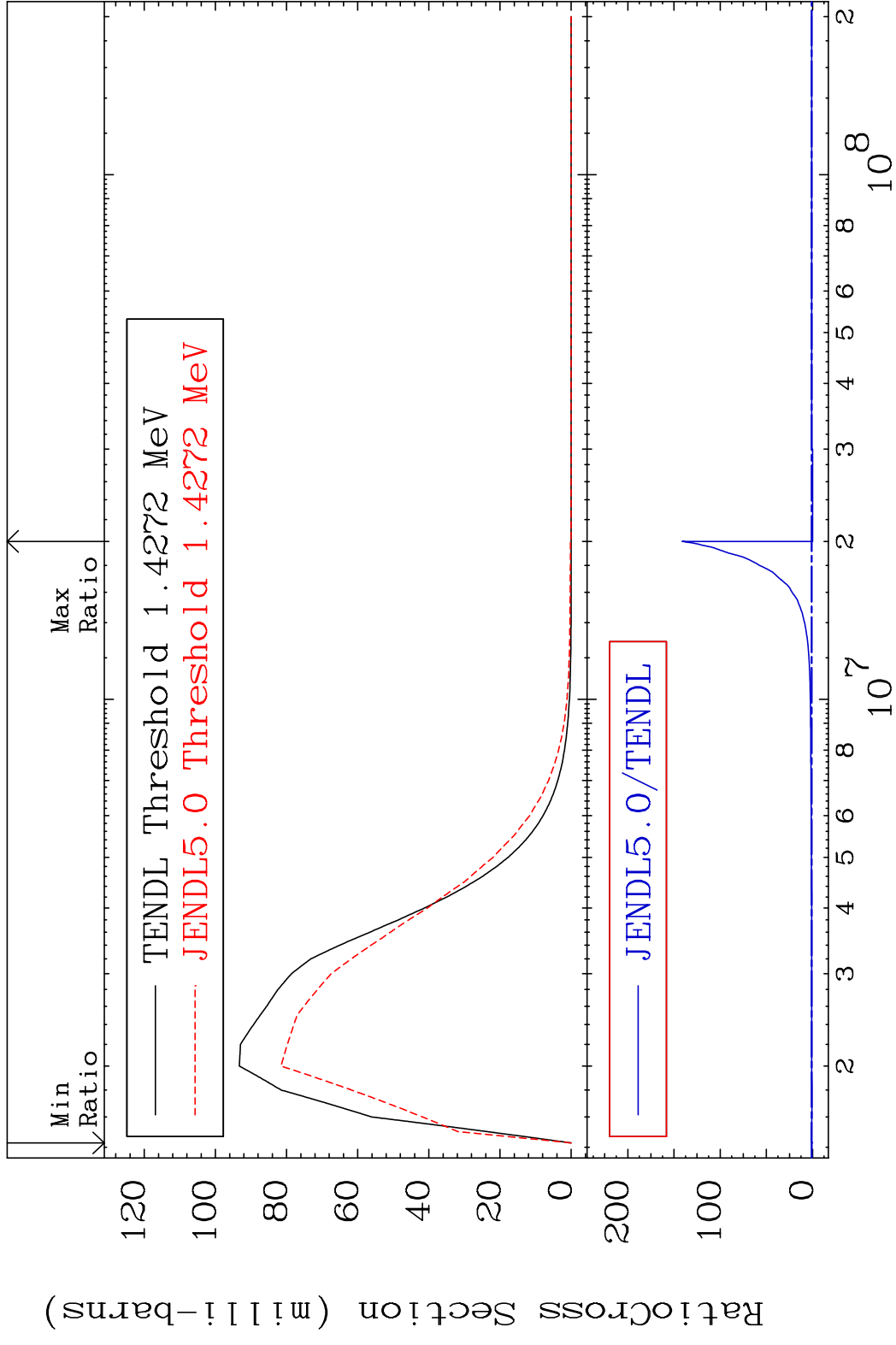
10 20 30 40 50 60 70 80 100 200

MAT 2034 MT= 53 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %

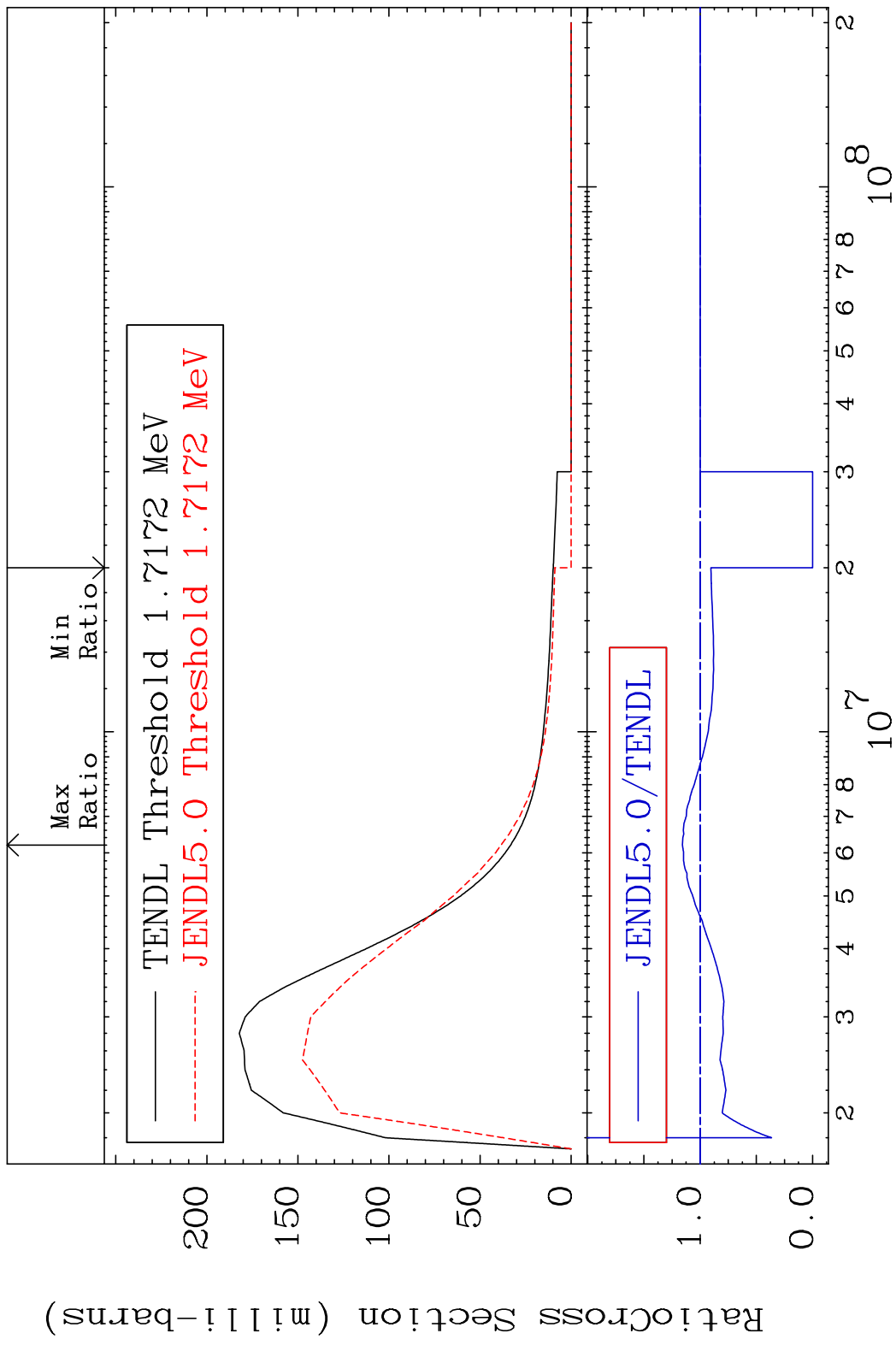


11

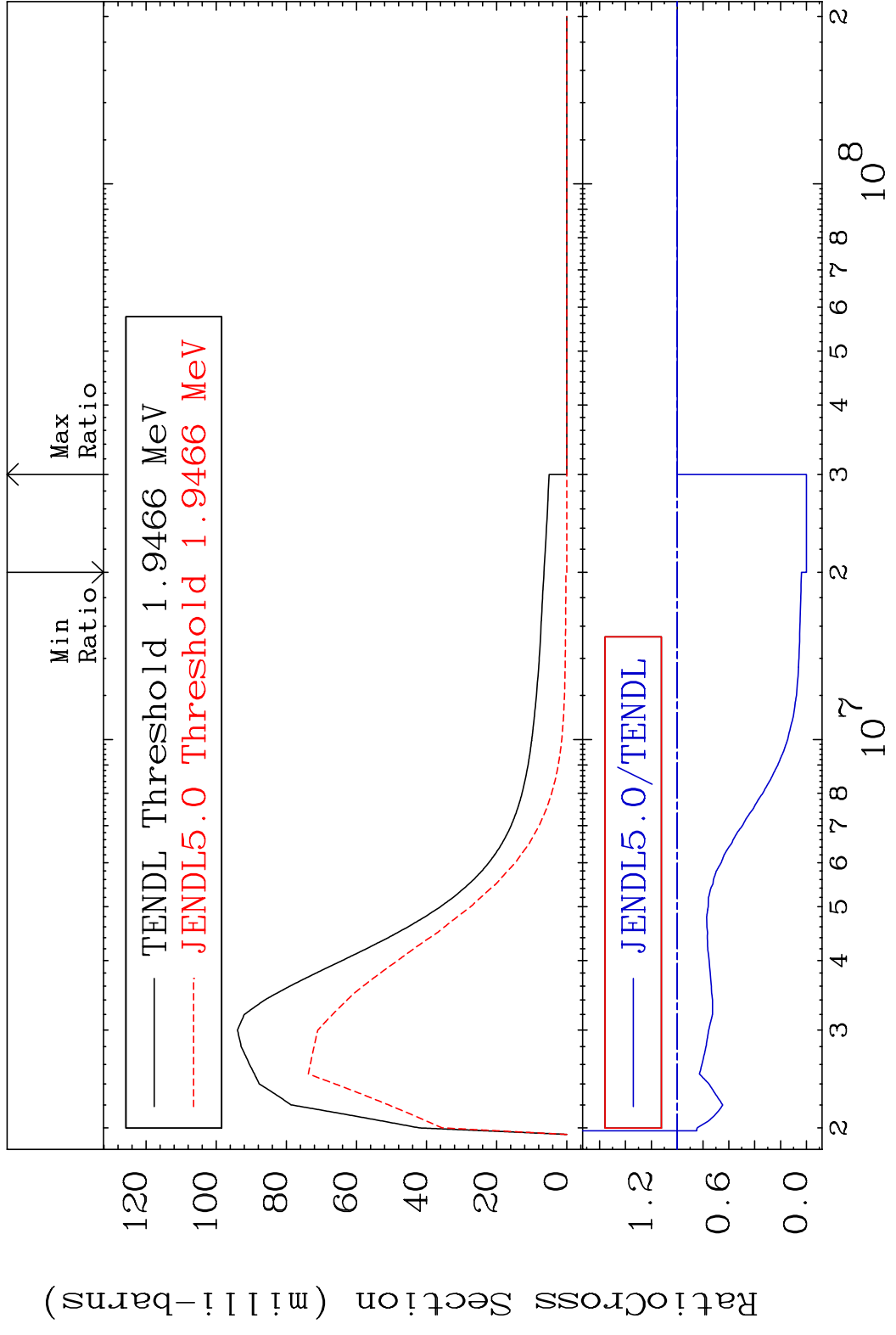
MAT 2034 MT= 54 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



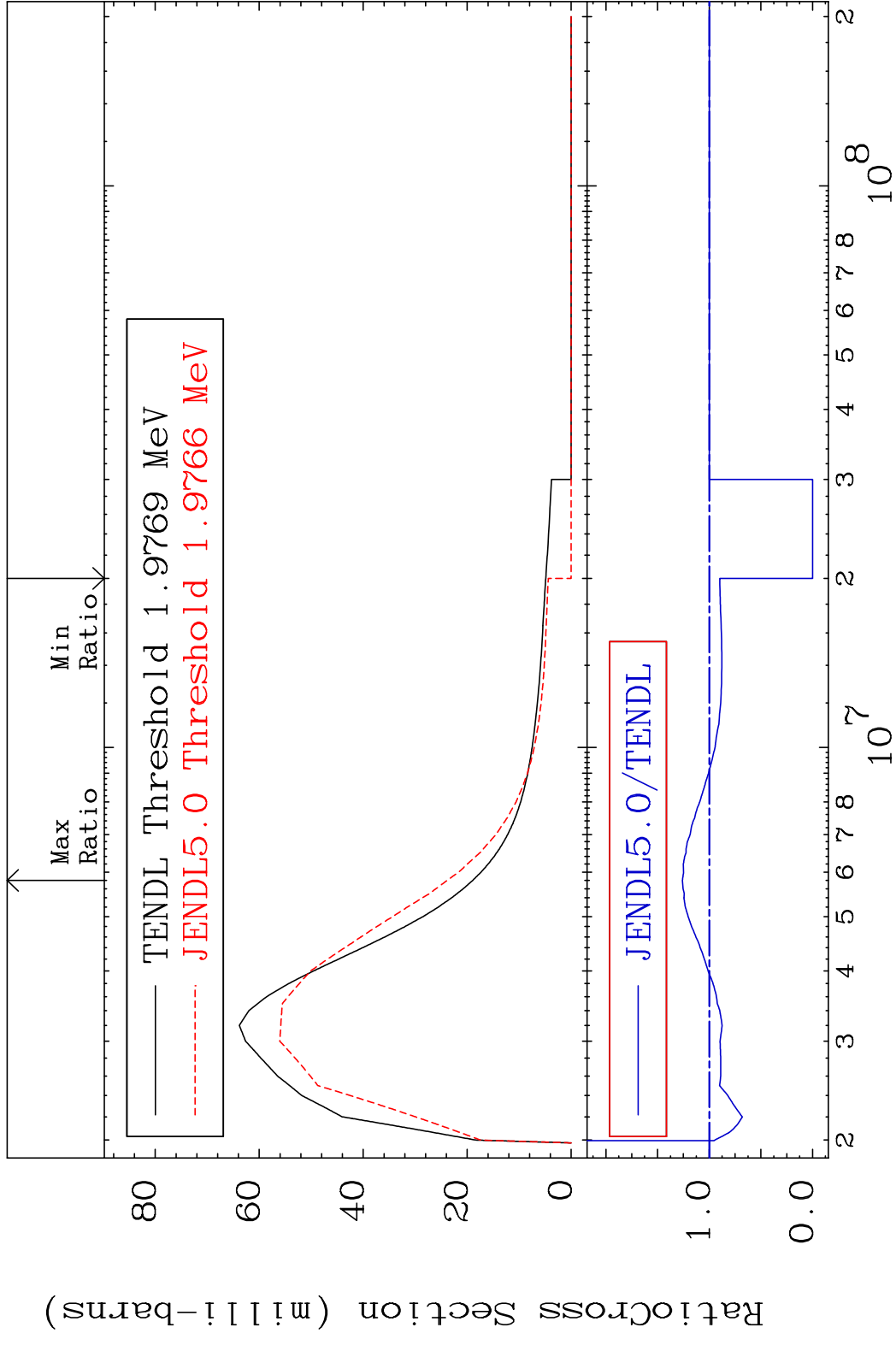
MAT 2034 MT= 55 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 15.84 %



MAT 2034 MT= 56 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 0.000 %

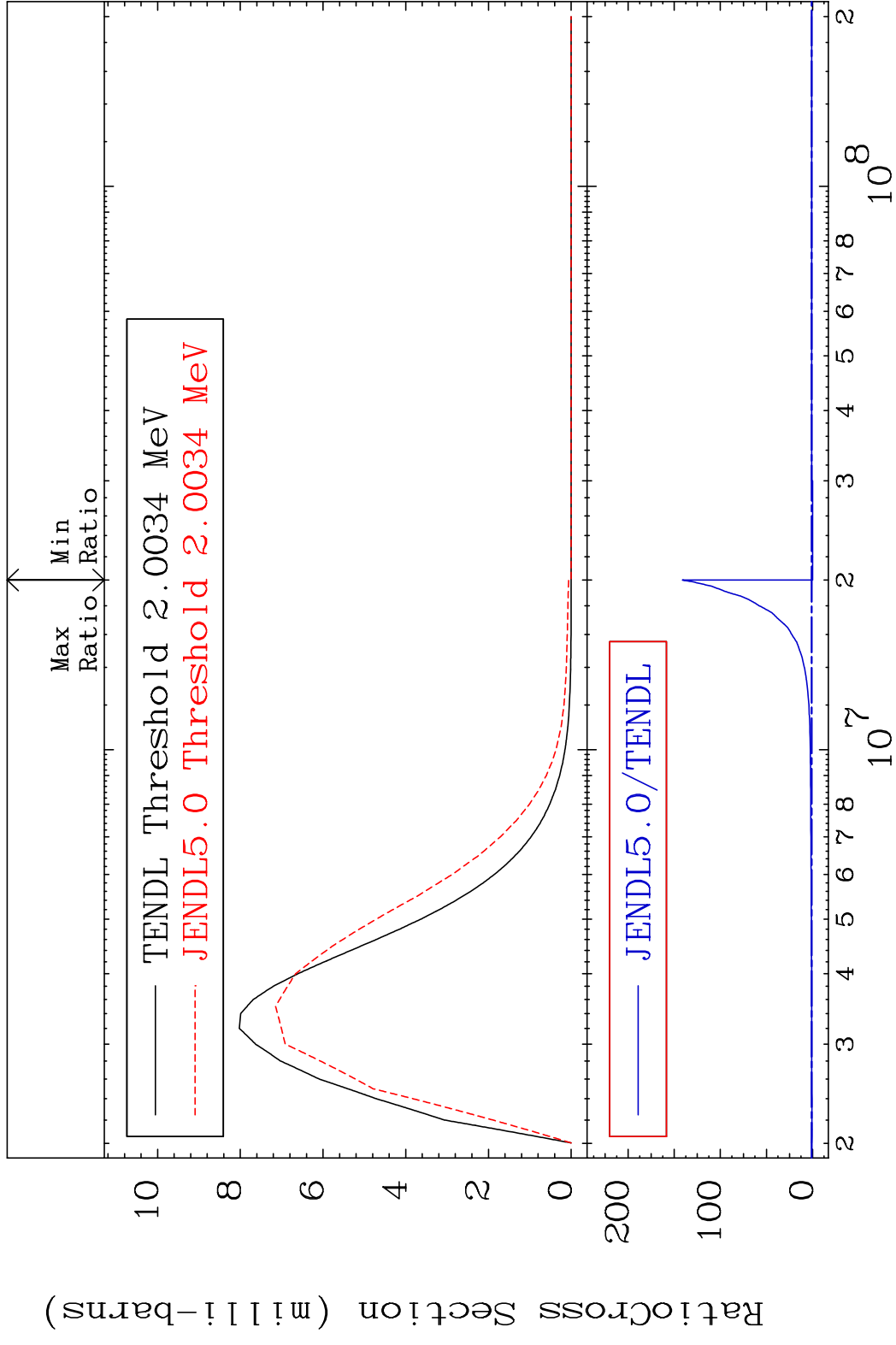


MAT 2034 MT= 57 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 26.01 %

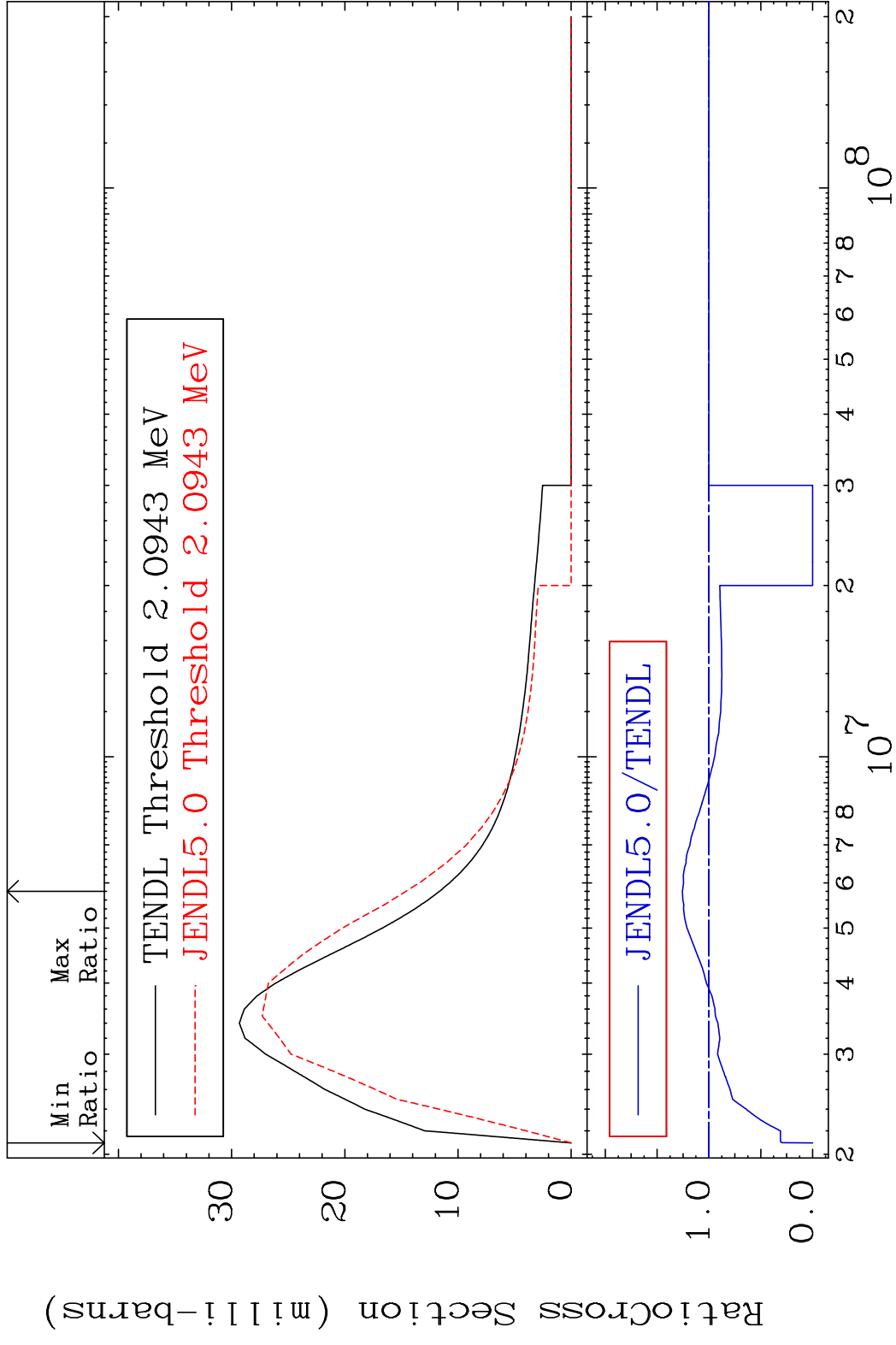


15 Incident Energy (eV) 20-Ca-43

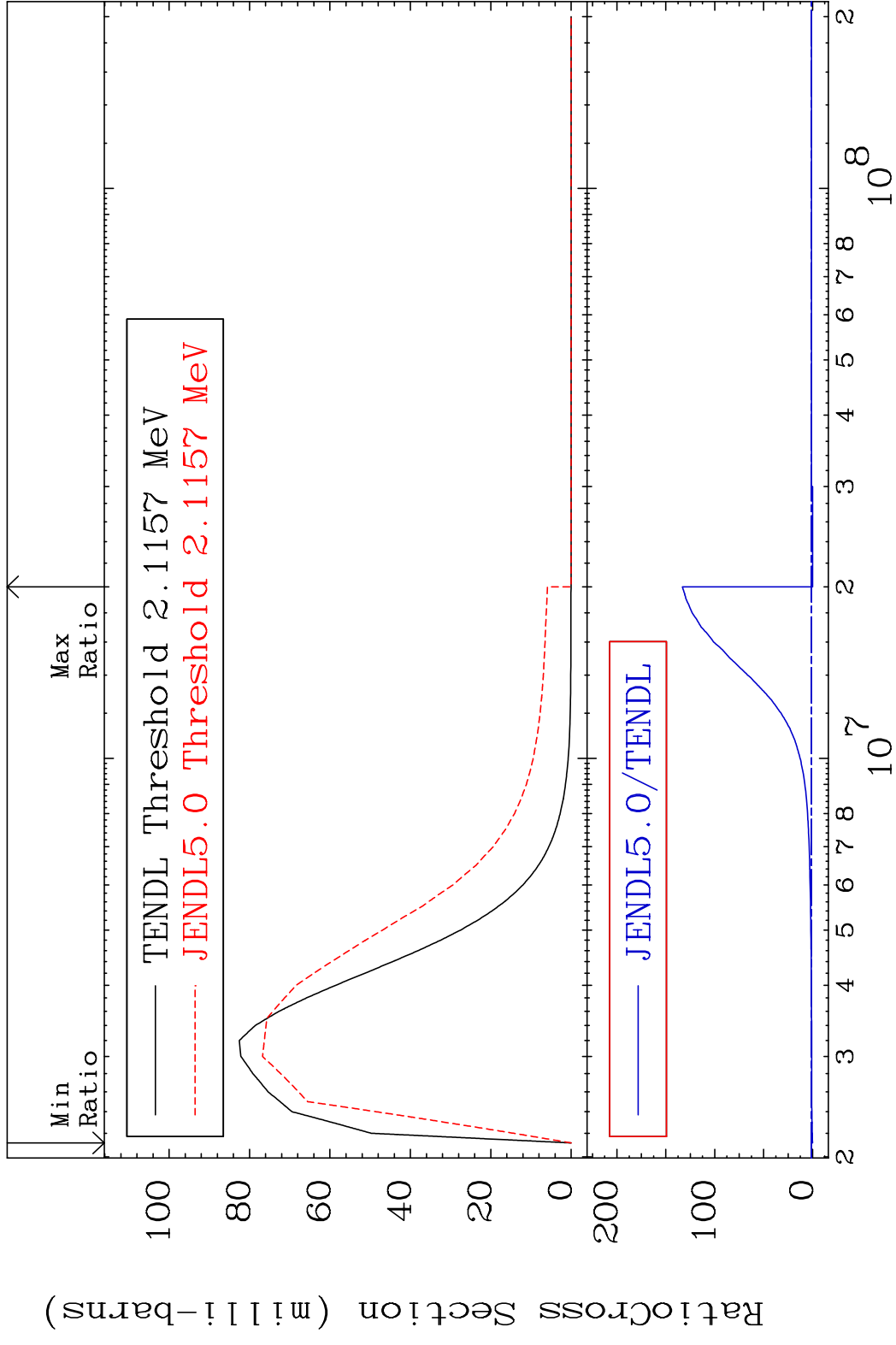
MAT 2034 MT= 58 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



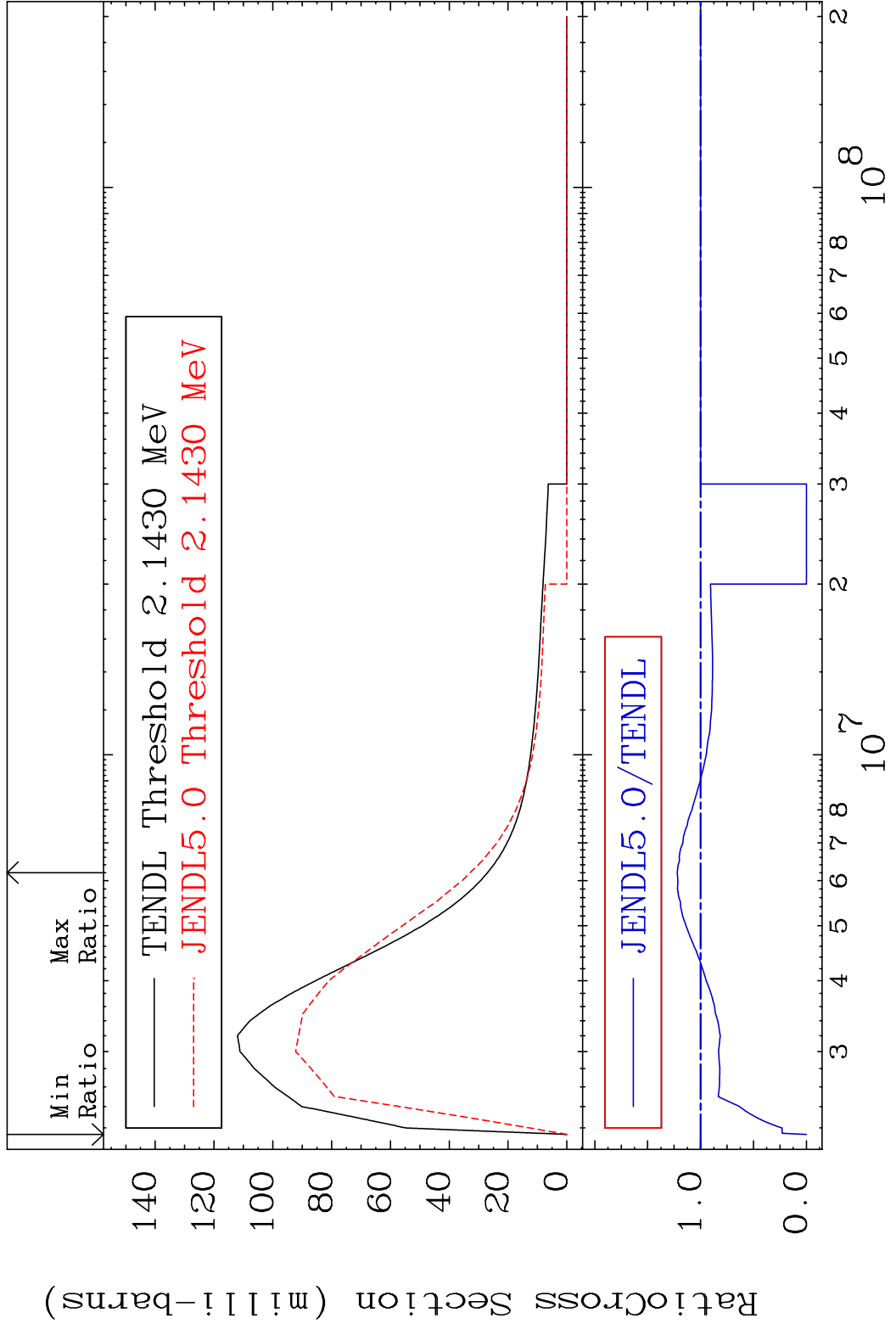
MAT 2034 MT= 59 (n,n') Level 20-Ca-43
 Cross Section -100.0 To 25.62 %



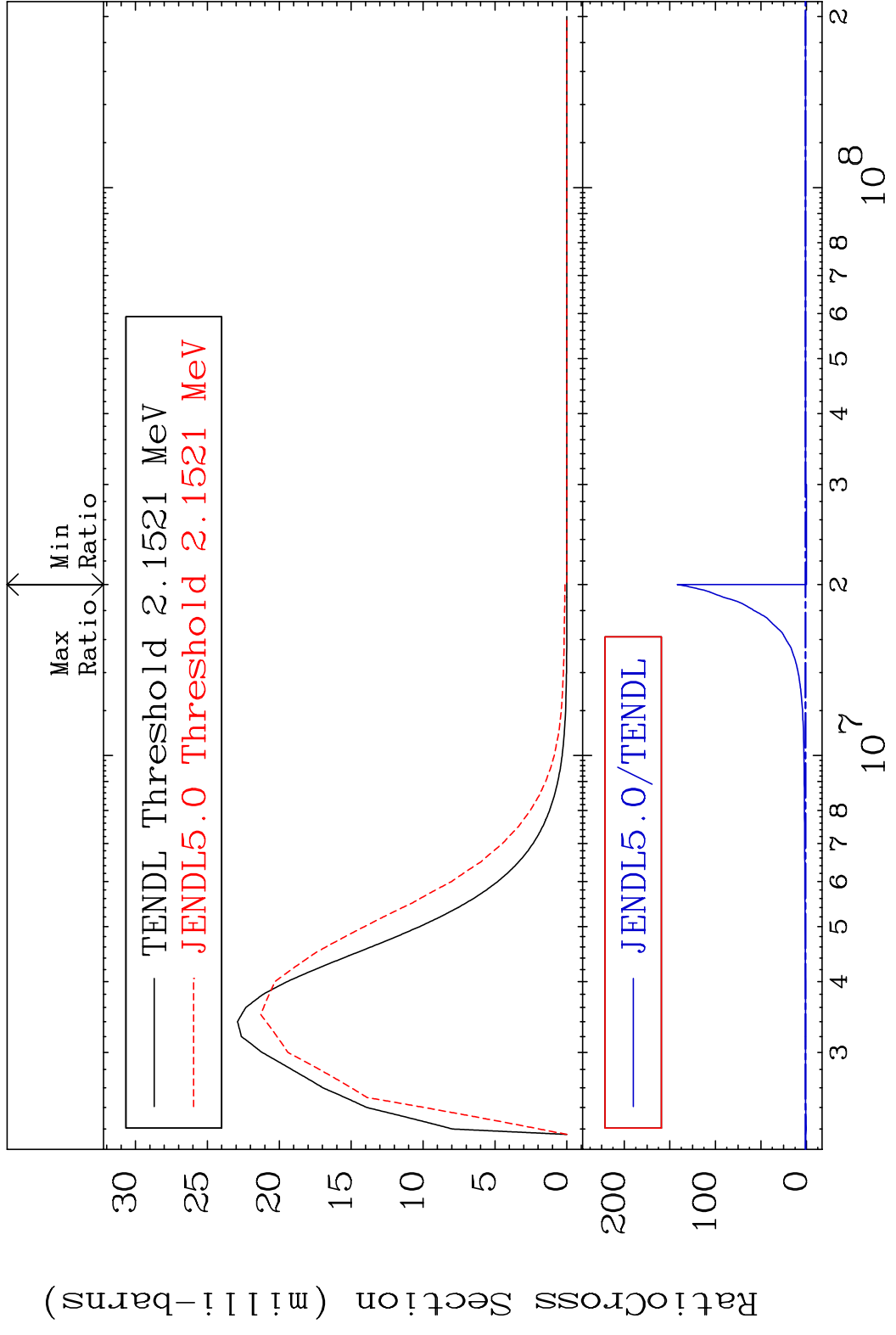
MAT 2034 MT= 60 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



MAT 2034 MT= 61 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 22.11 %

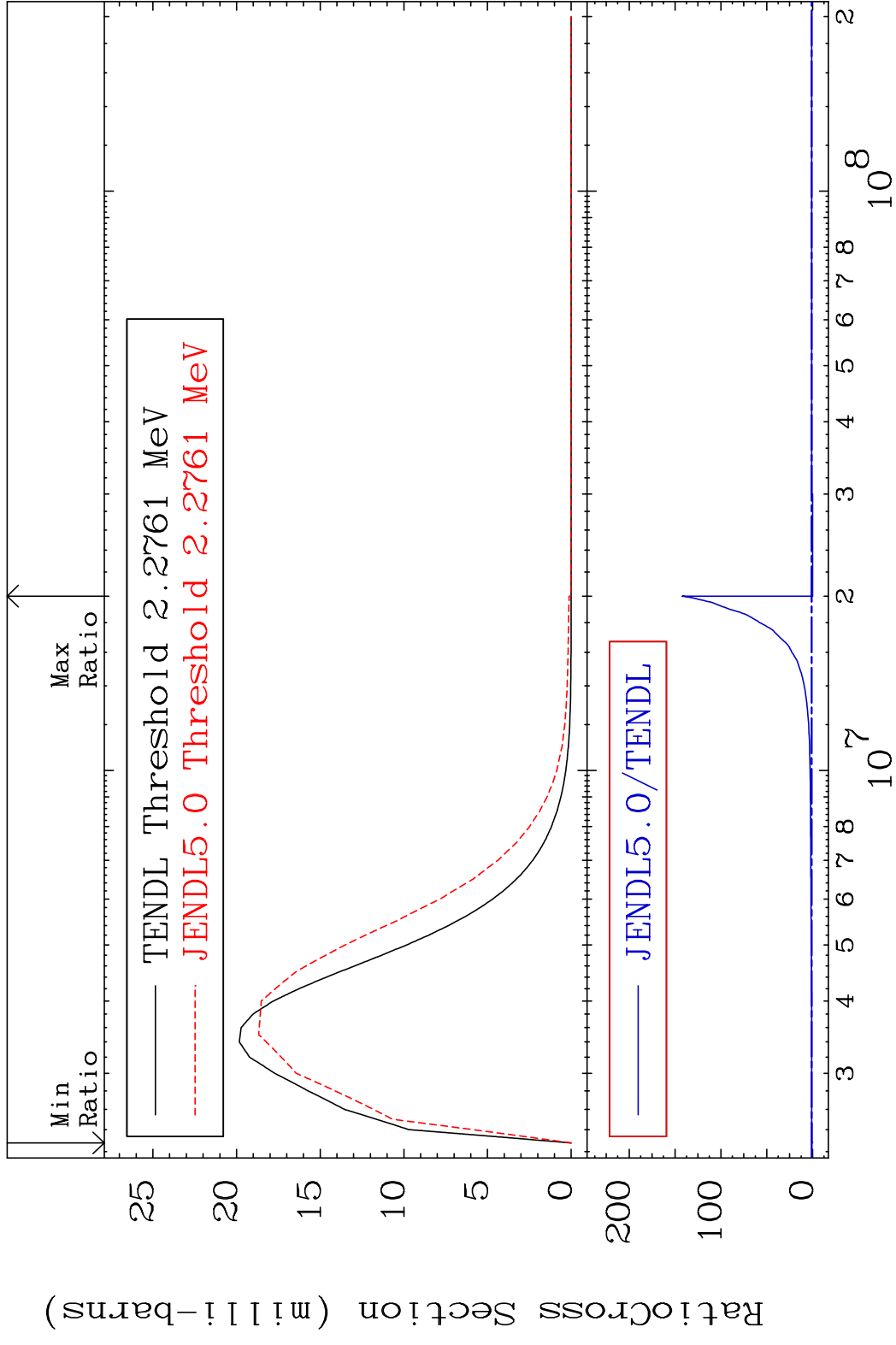


MAT 2034 MT= 62 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %

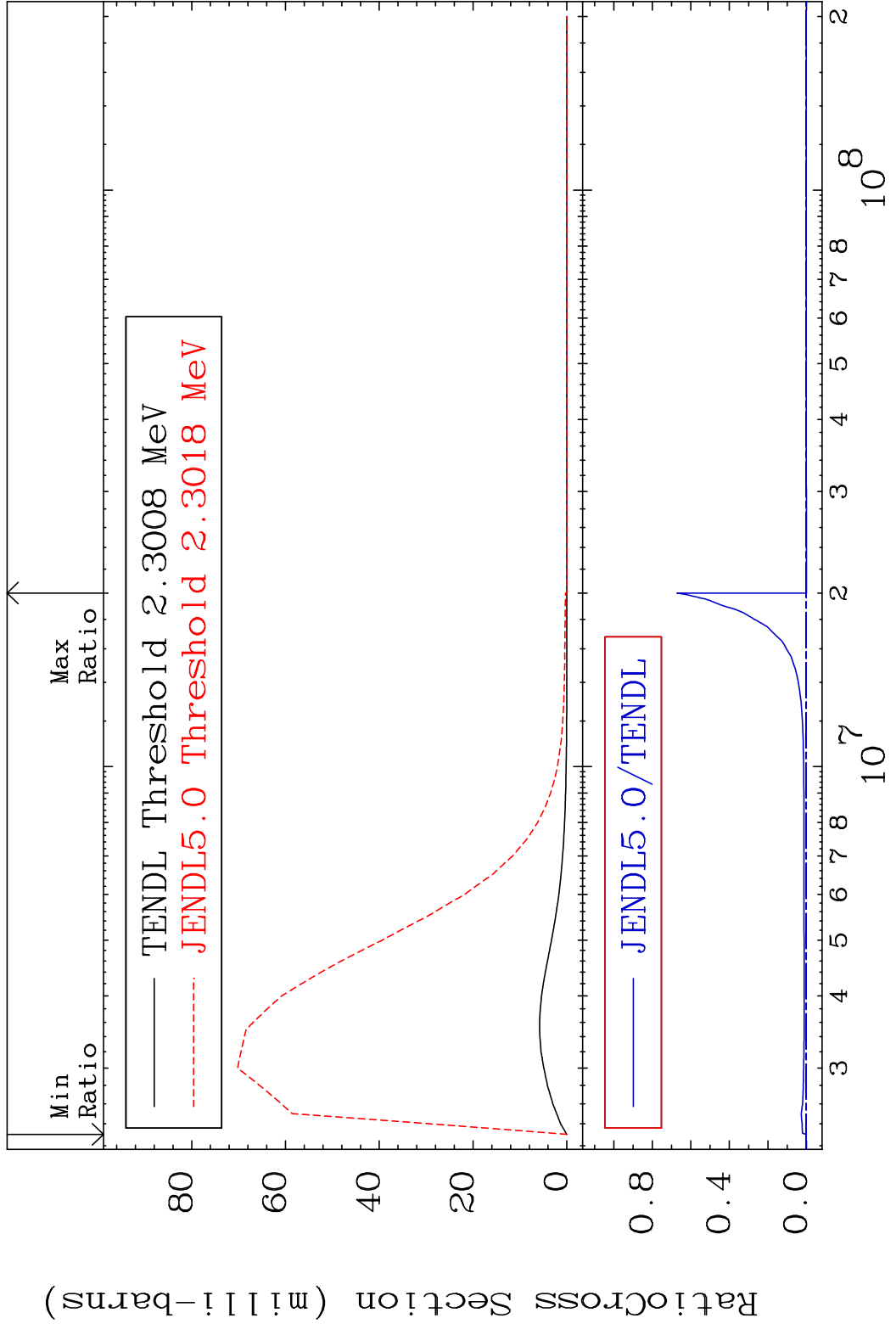


20 Incident Energy (eV) 20-Ca-43

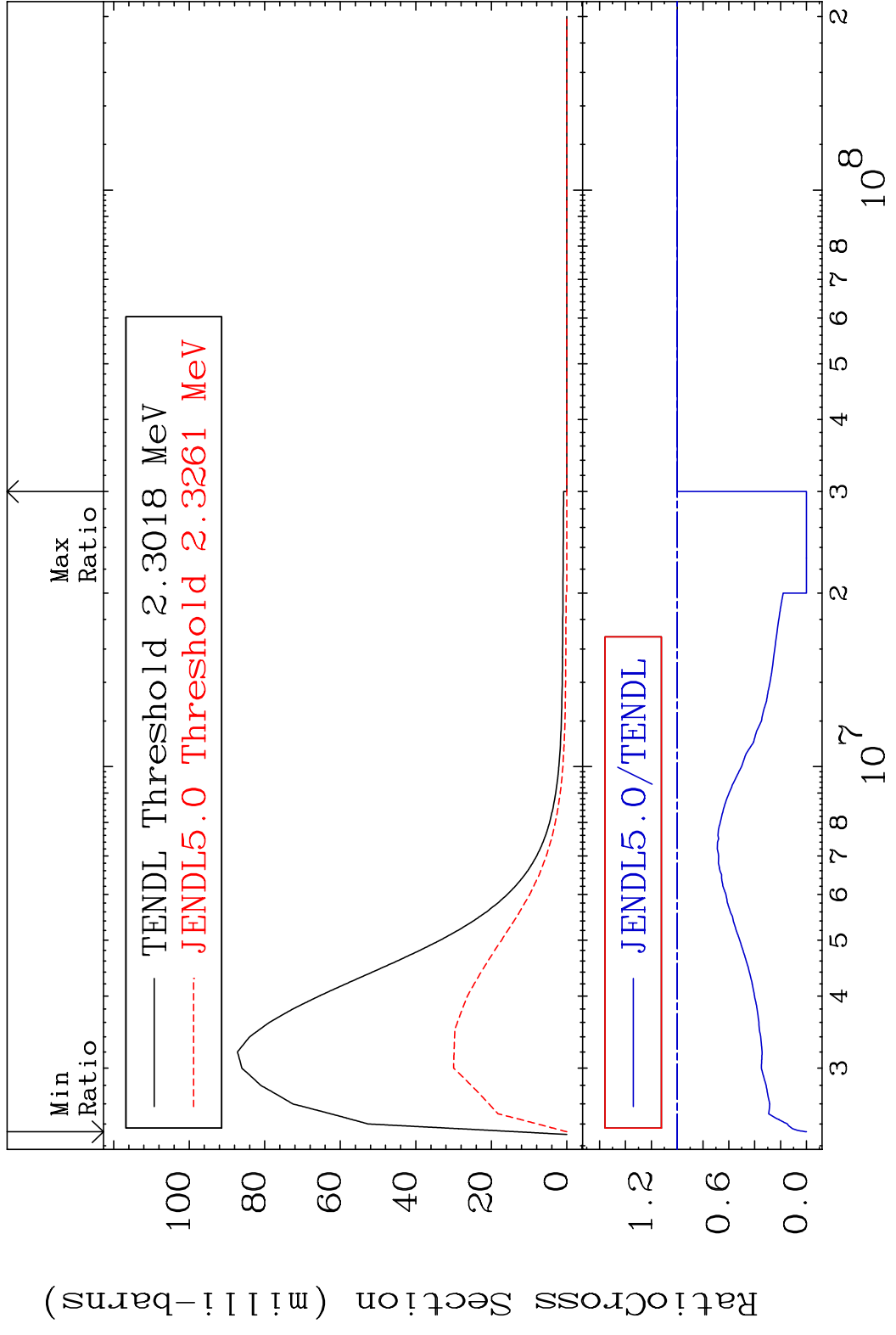
MAT 2034 MT= 63 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



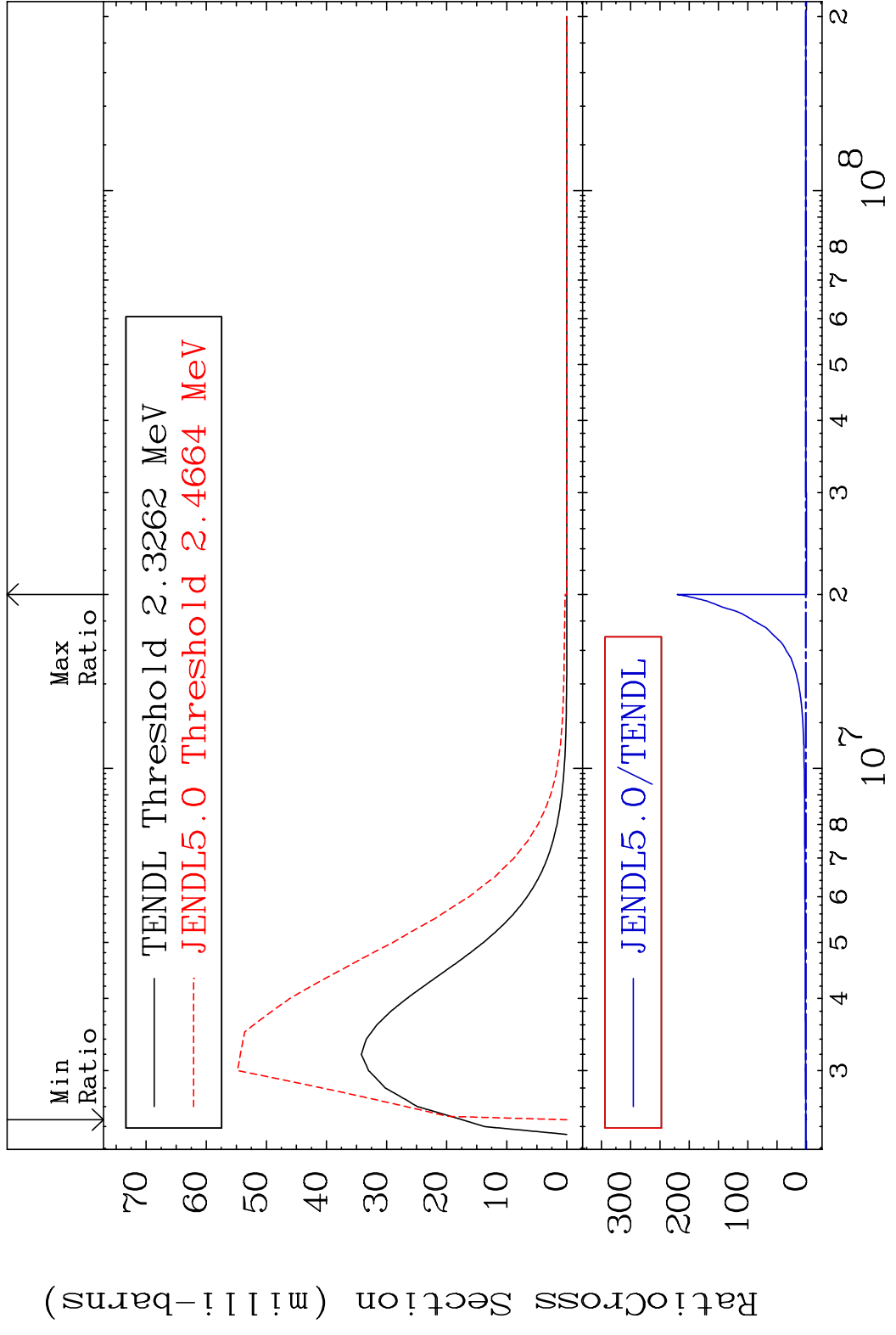
MAT 2034 MT= 64 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



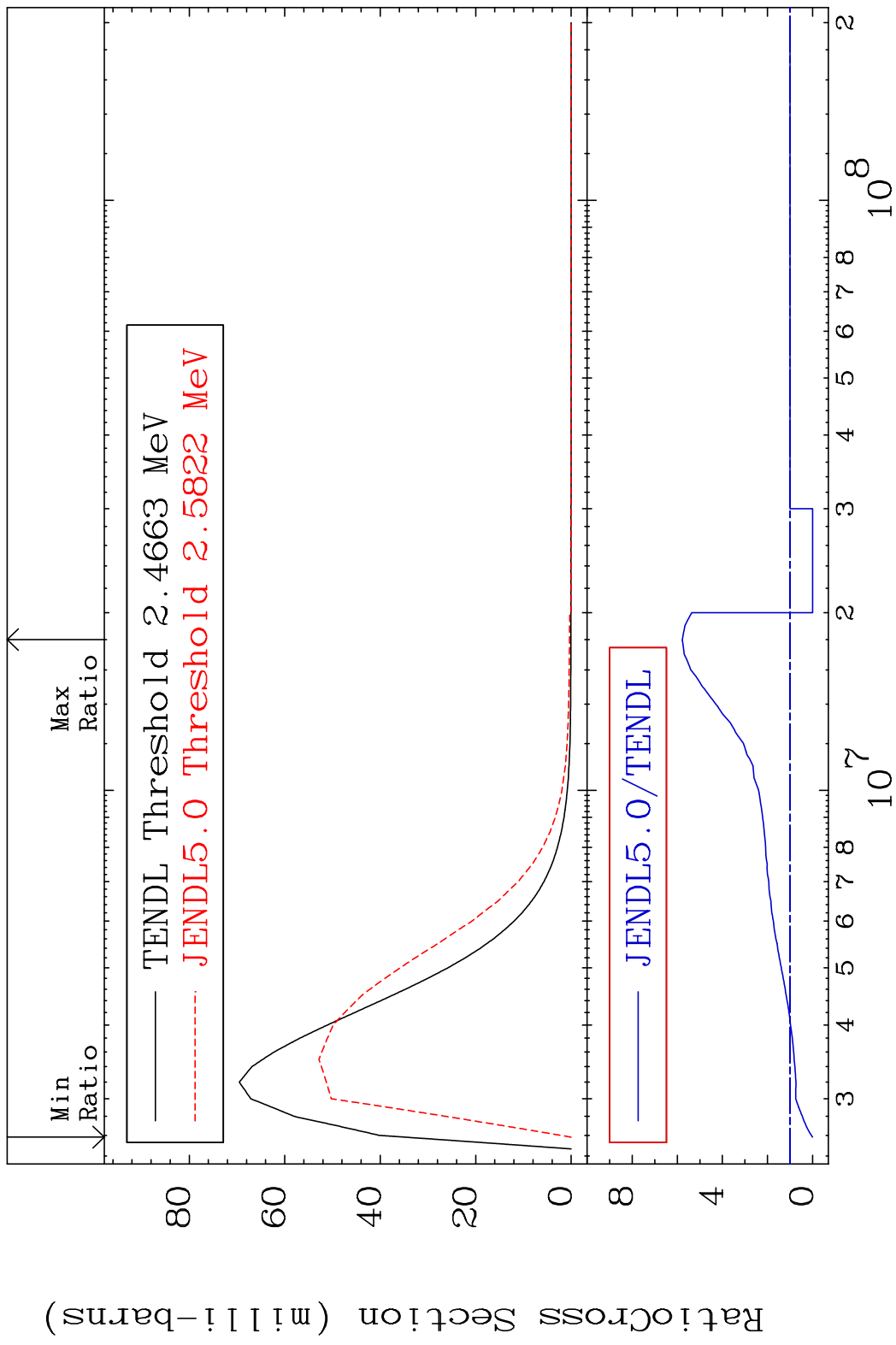
MAT 2034 MT= 65 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 0.000 %



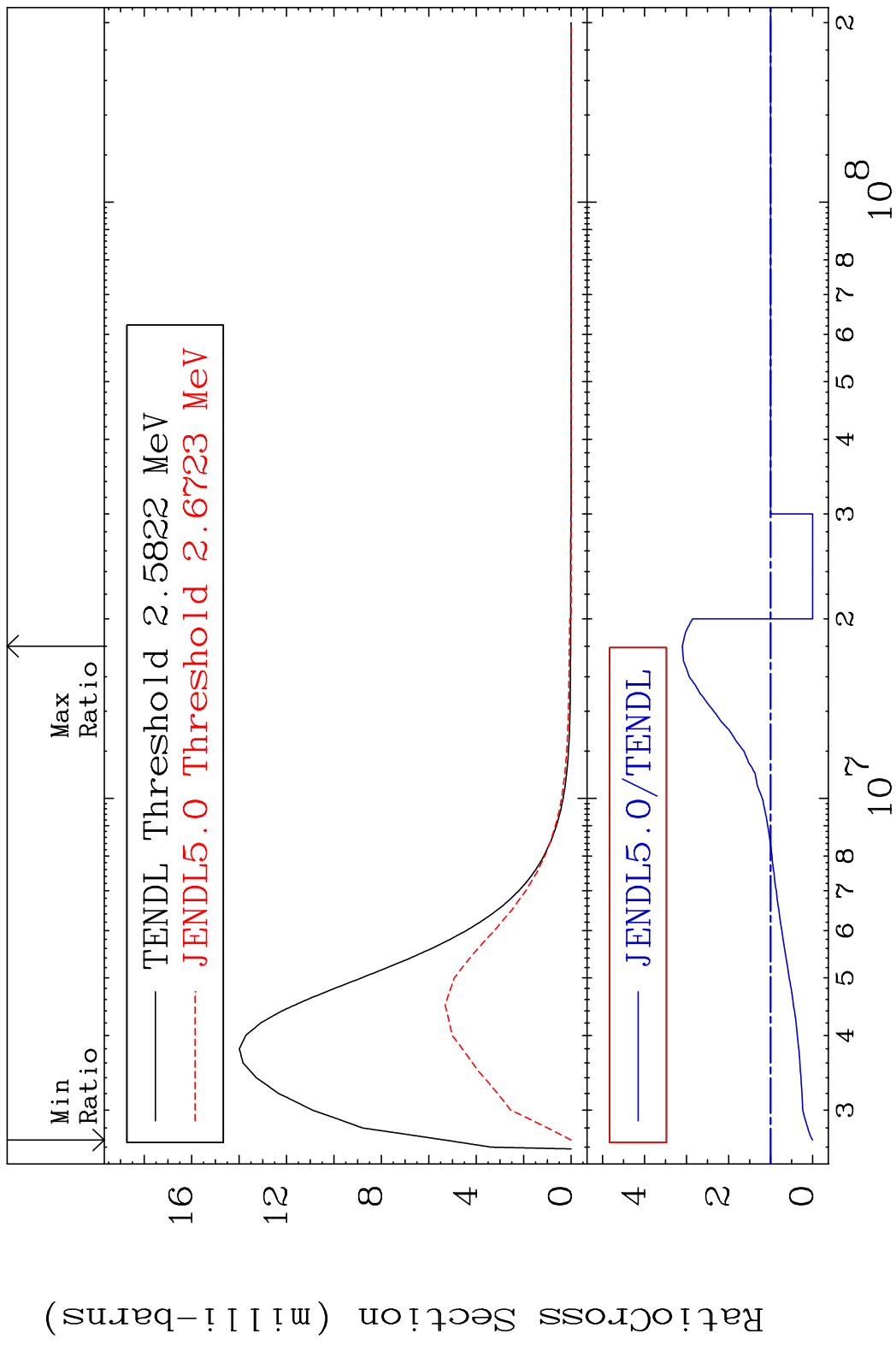
MAT 2034 MT= 66 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



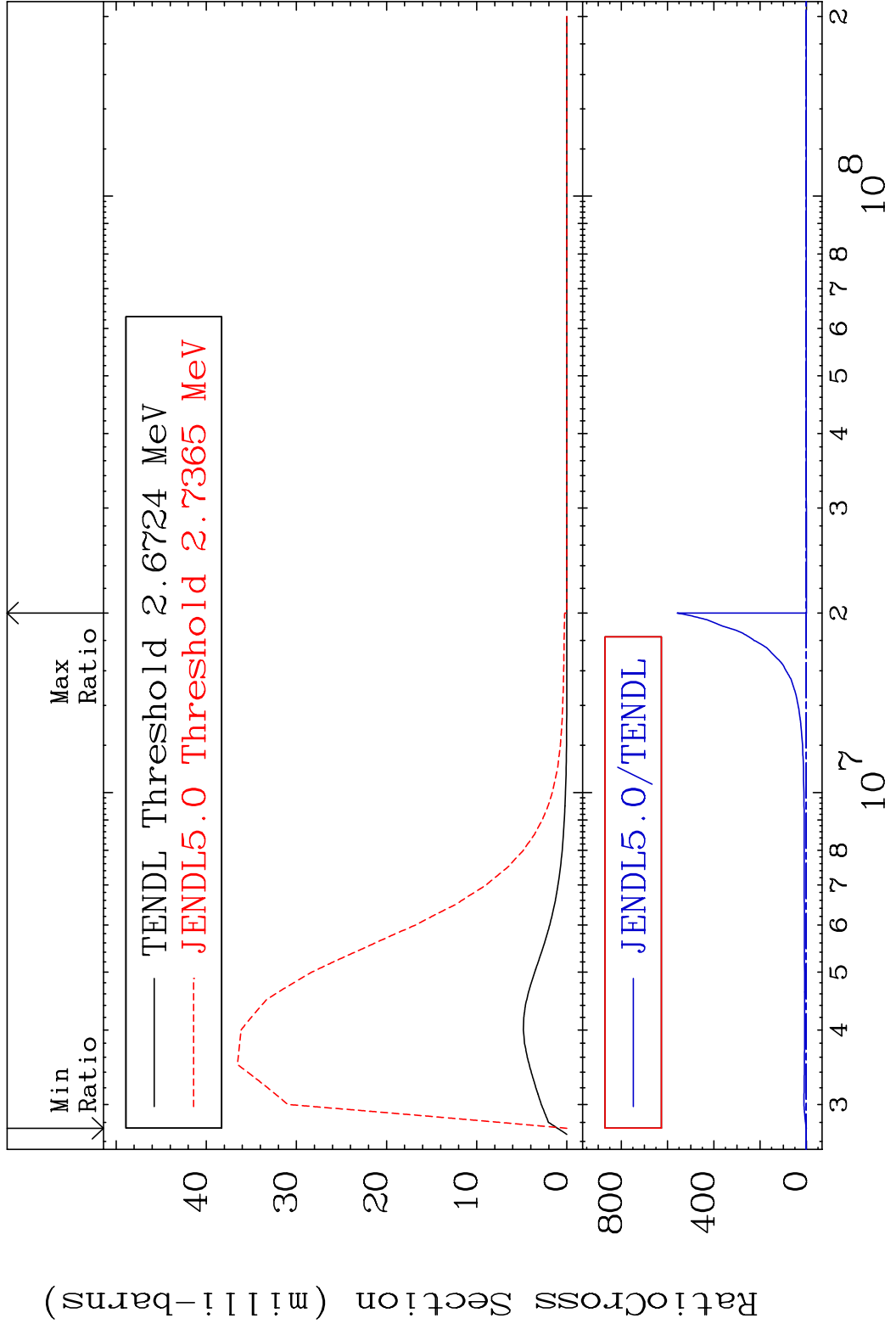
MAT 2034 MT= 67 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 477.6 %



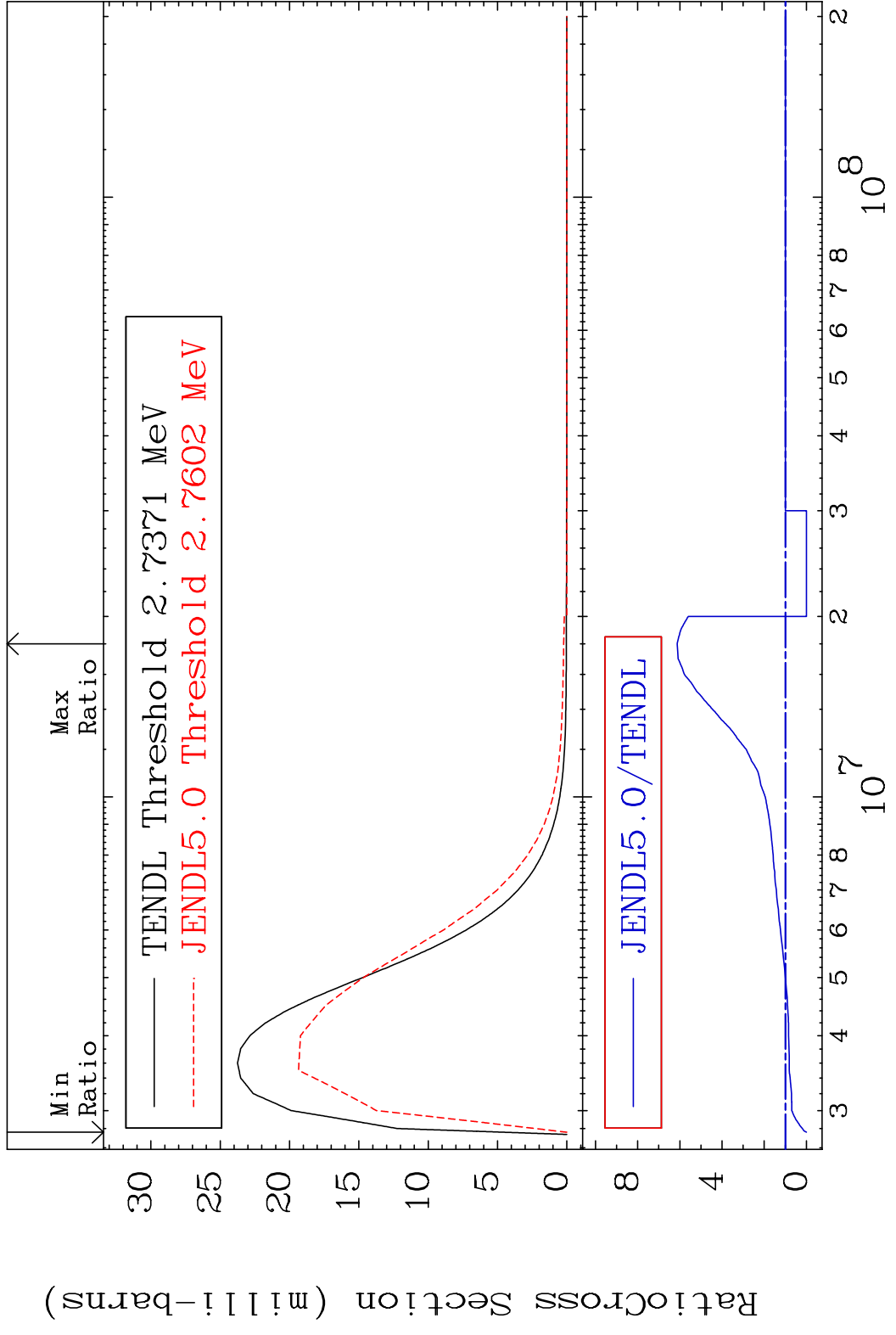
MAT 2034 MT= 68 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 210.1 %



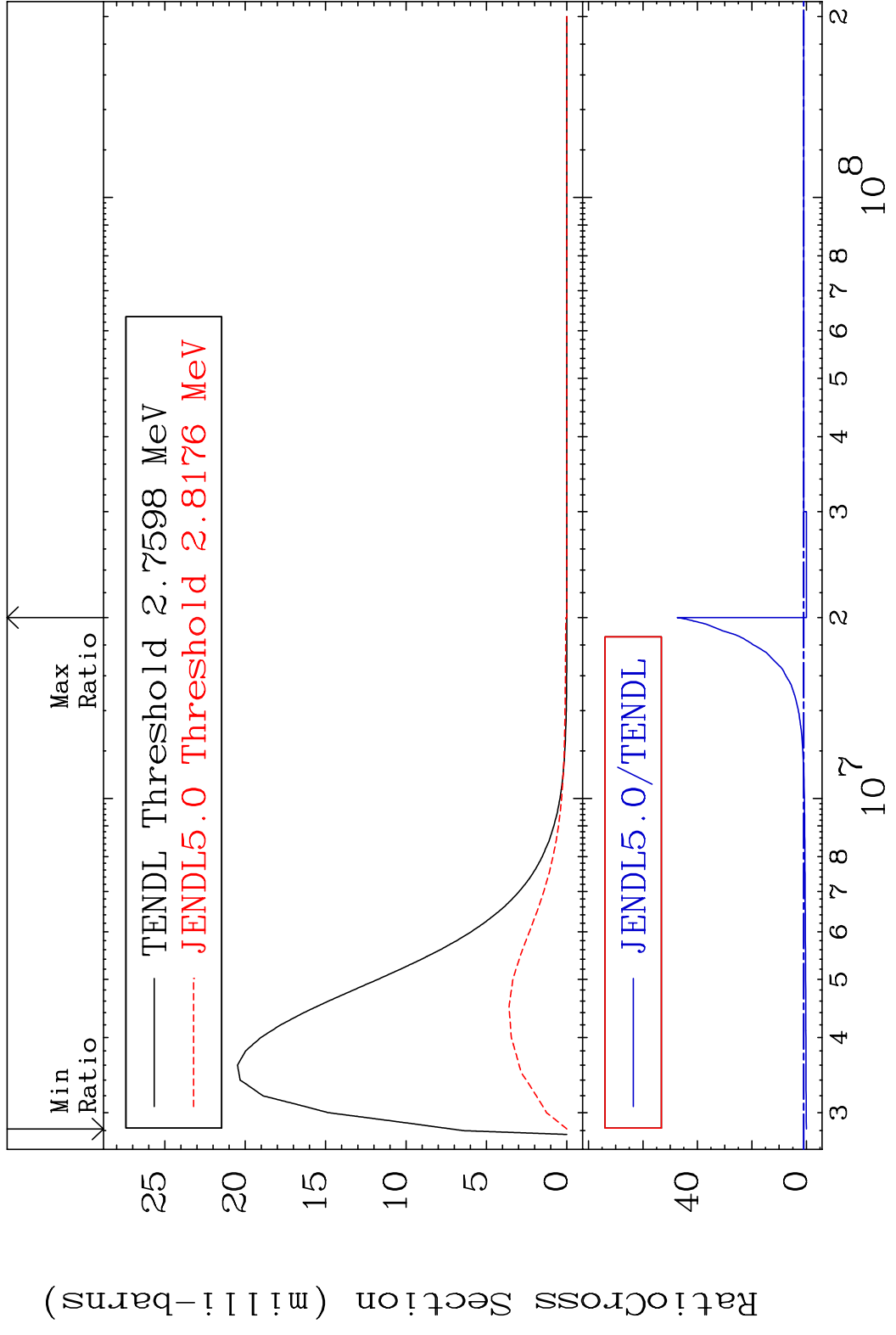
MAT 2034 MT= 69 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



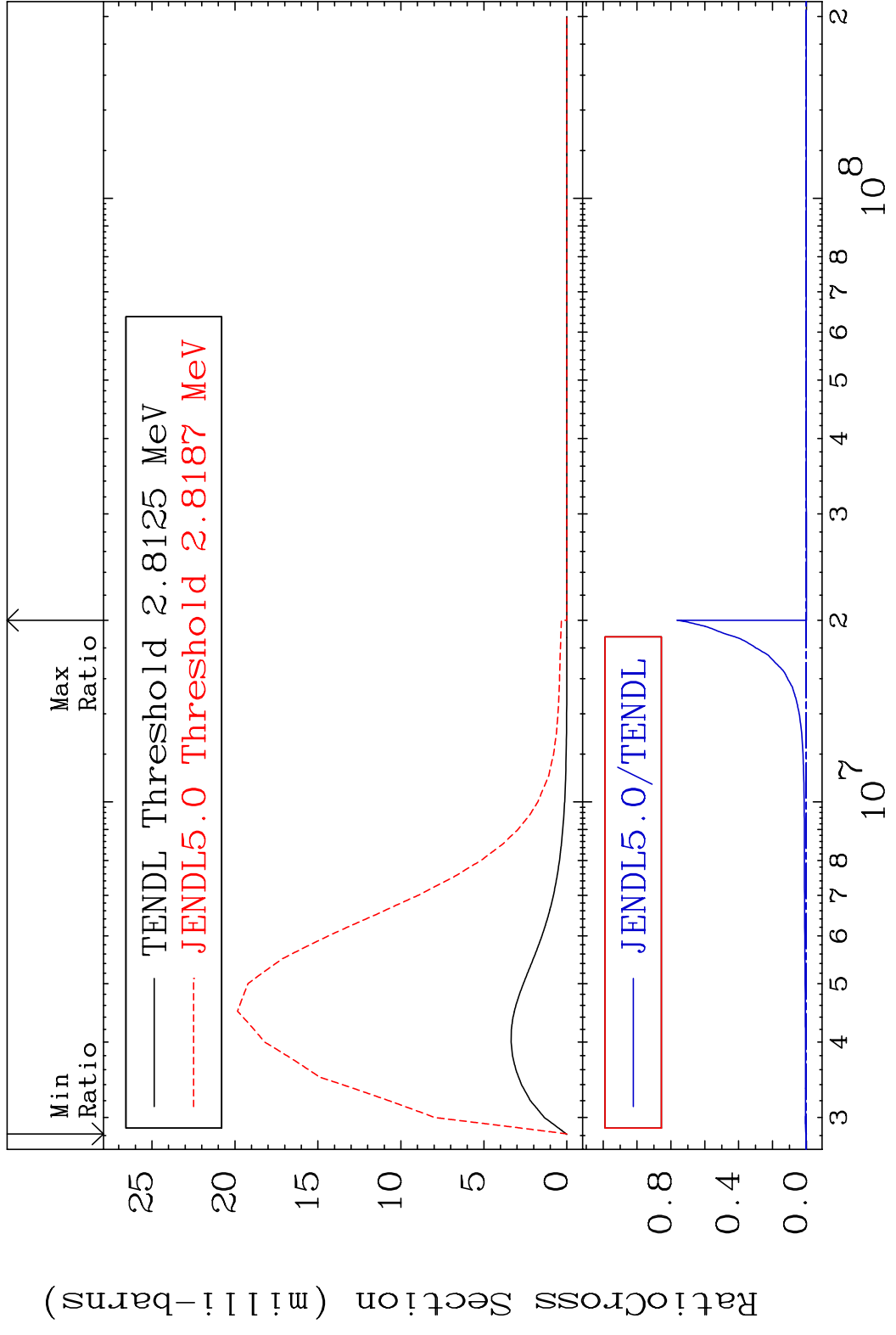
MAT 2034 MT= 70 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 512.5 %



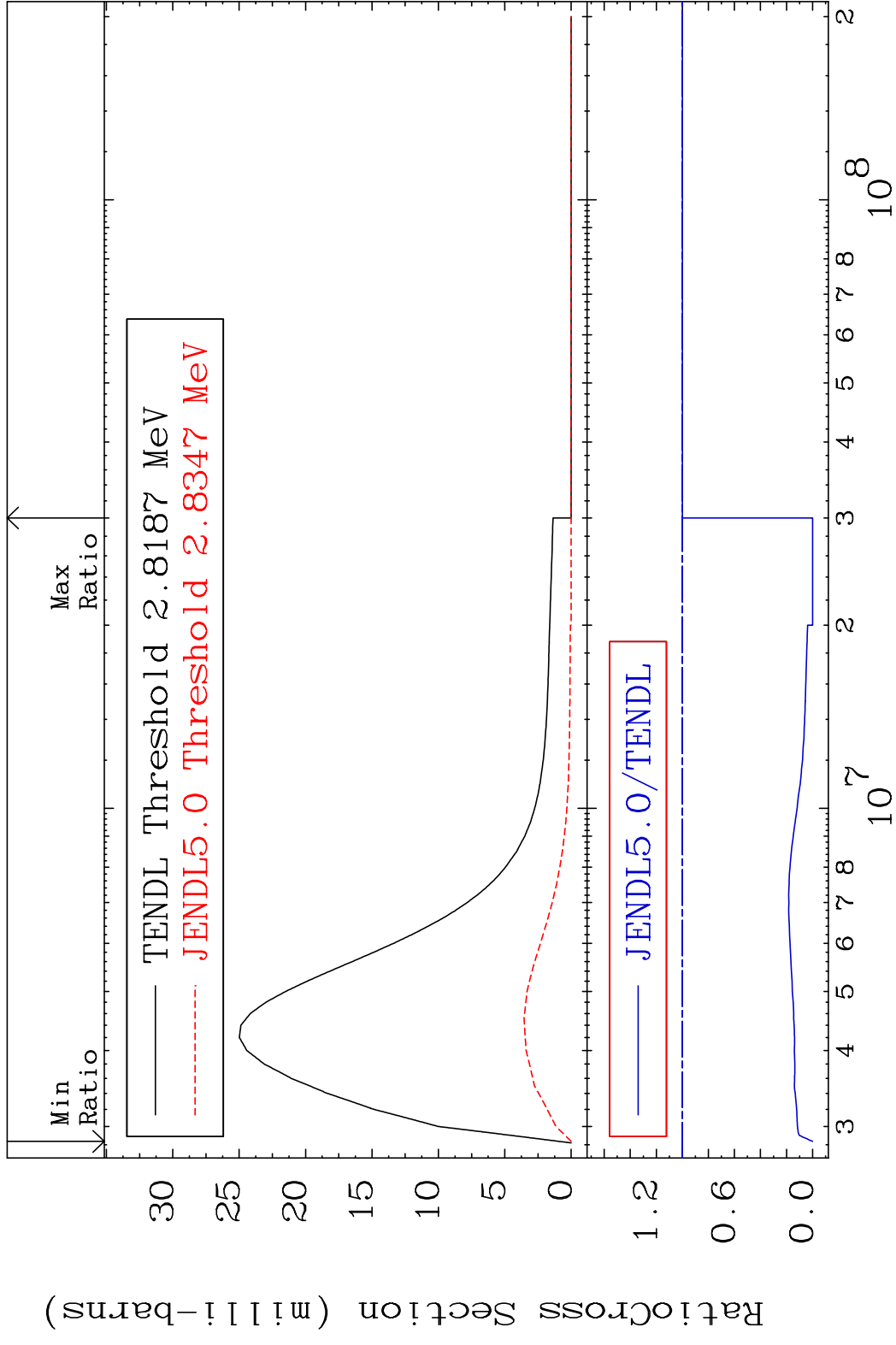
MAT 2034 MT= 71 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 4643. %



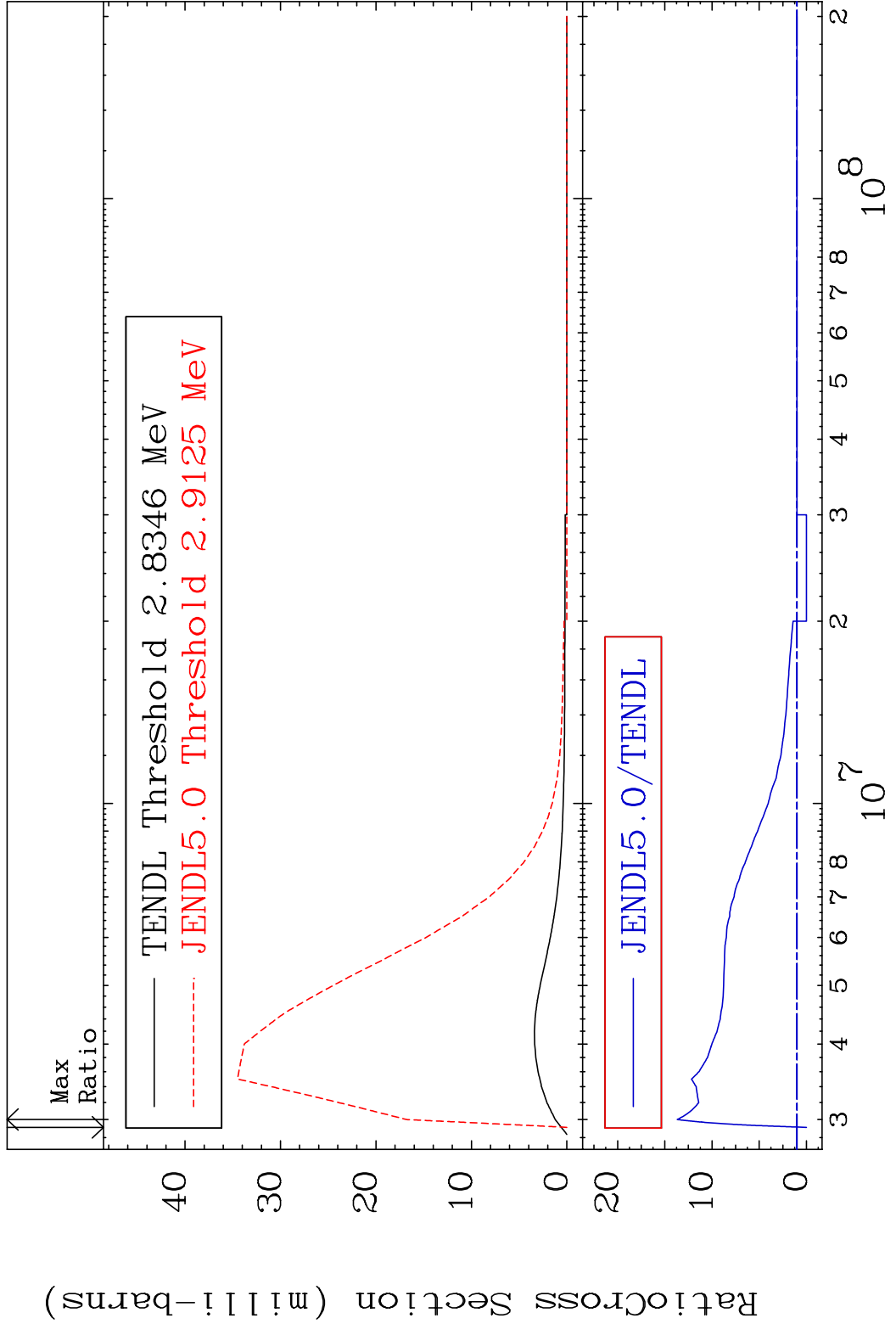
MAT 2034 MT= 72 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %



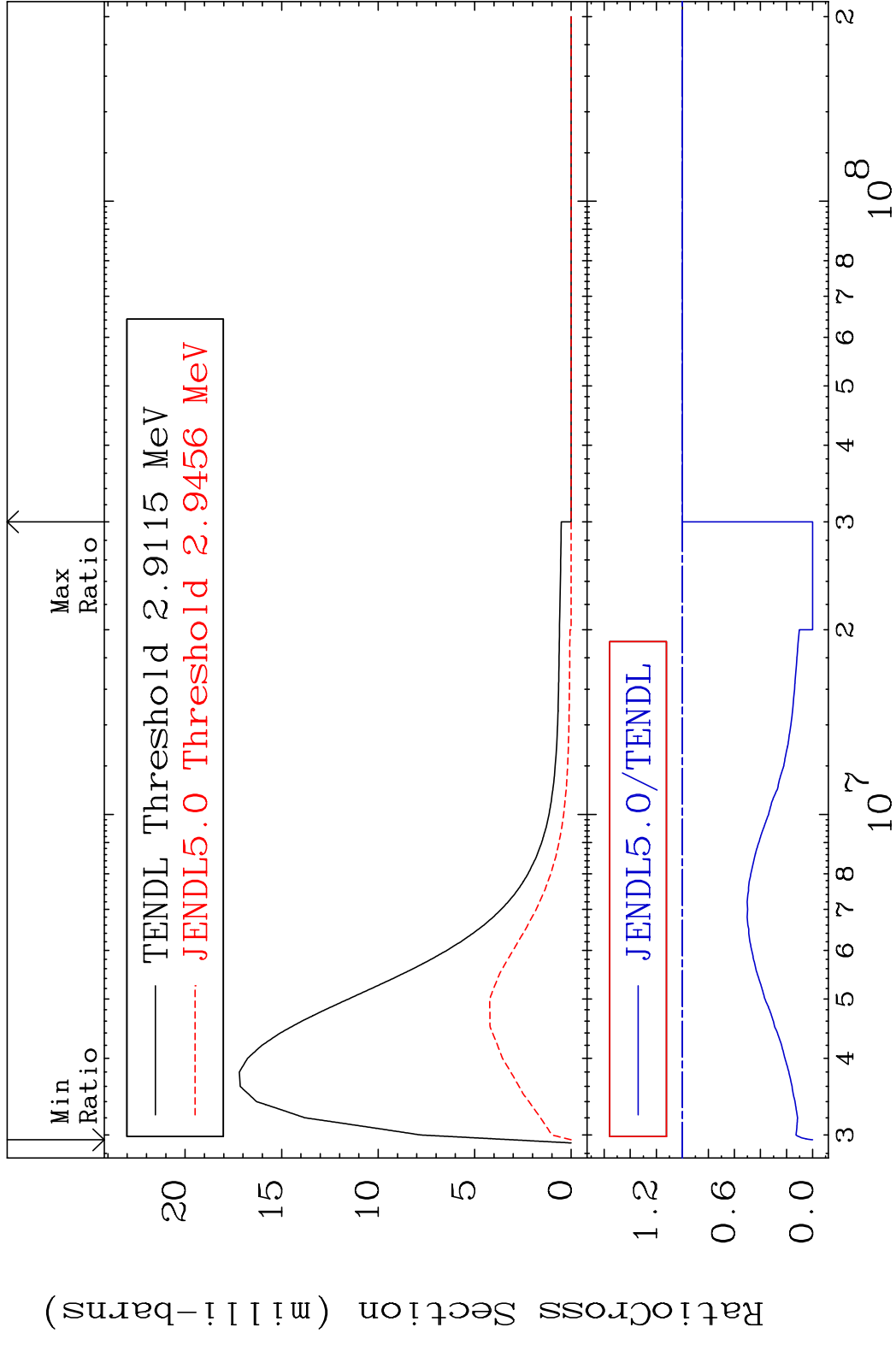
MAT 2034 MT= 73 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 0.000 %



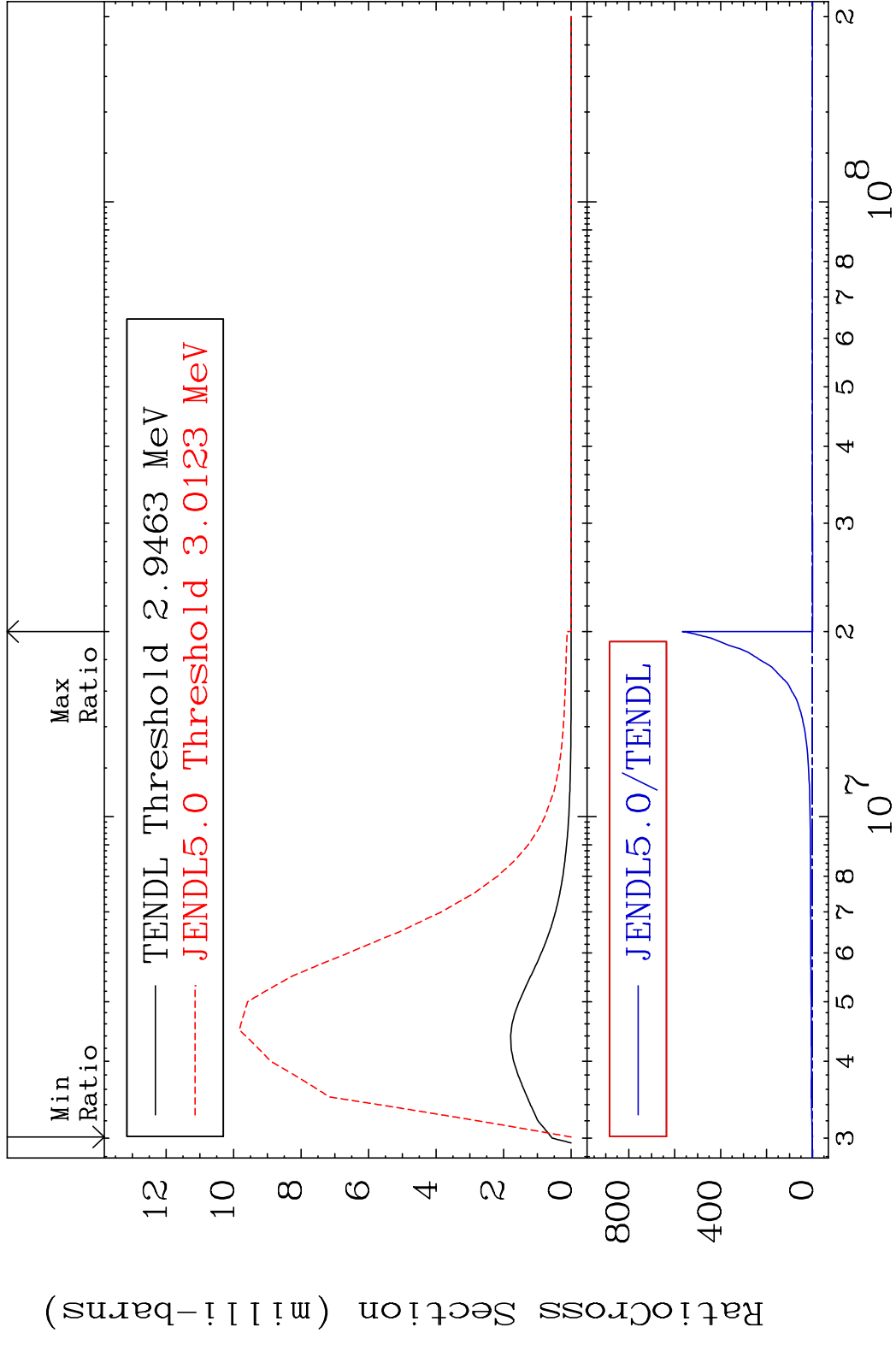
MAT 2034 MT= 74 (n,n') Level 20-Ca-43
 Cross Section -100.0 To 1269. %



MAT 2034 MT= 75 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 0.000 %

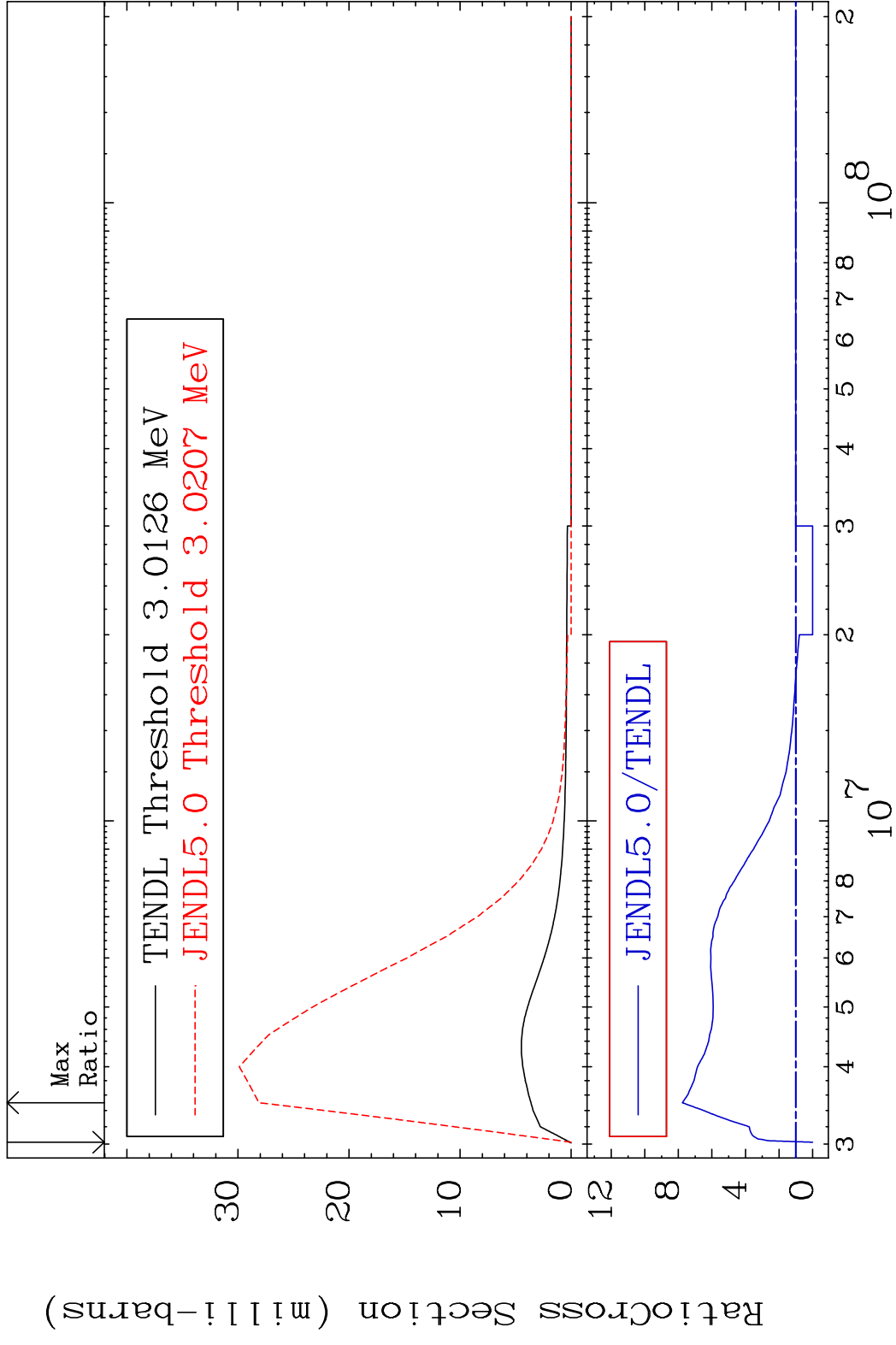


MAT 2034 MT= 76 (n,n') Level 20-Ca-43
 Cross Section -100.0 To 9999. %

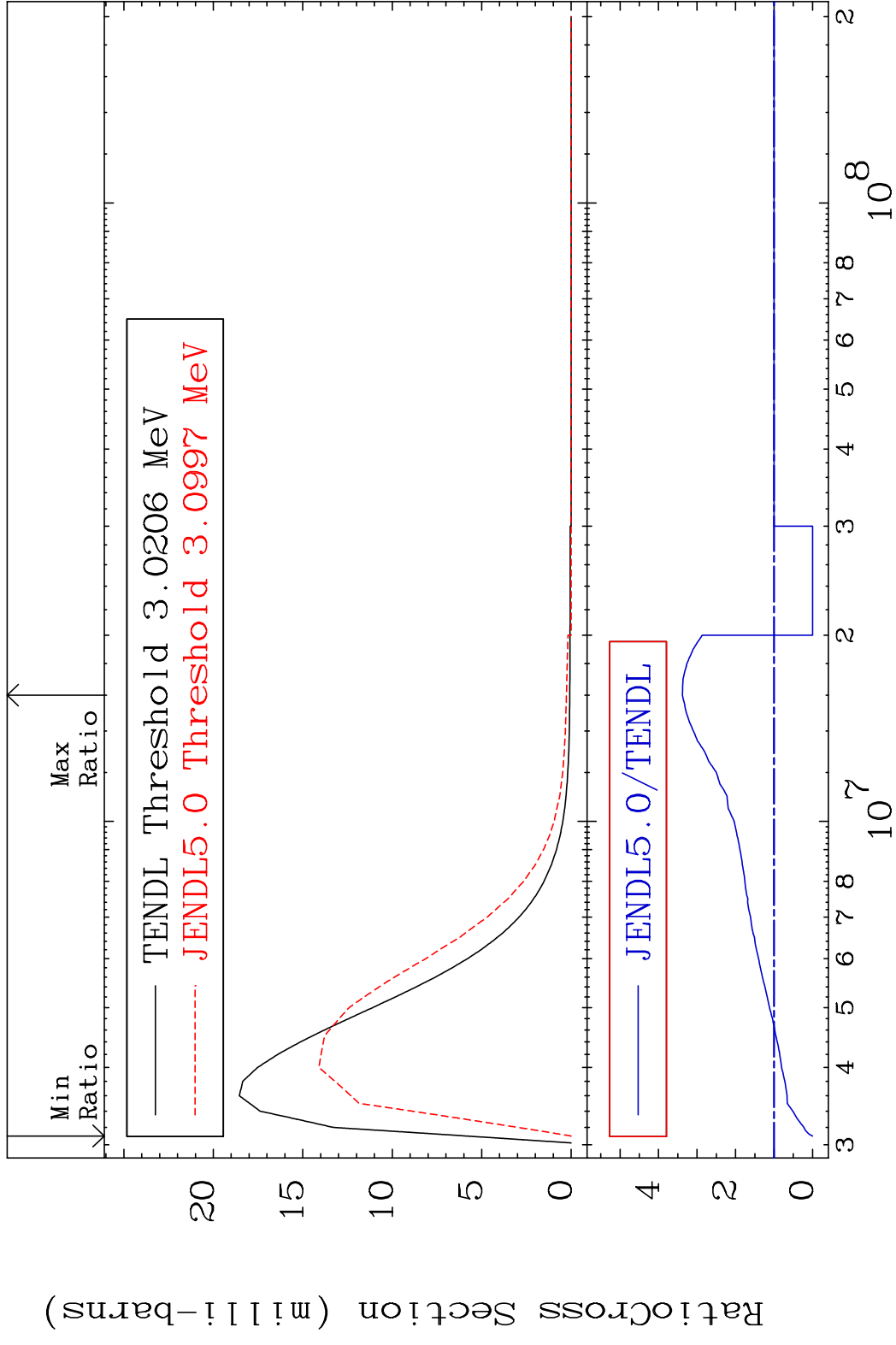


34 Incident Energy (eV) 20-Ca-43

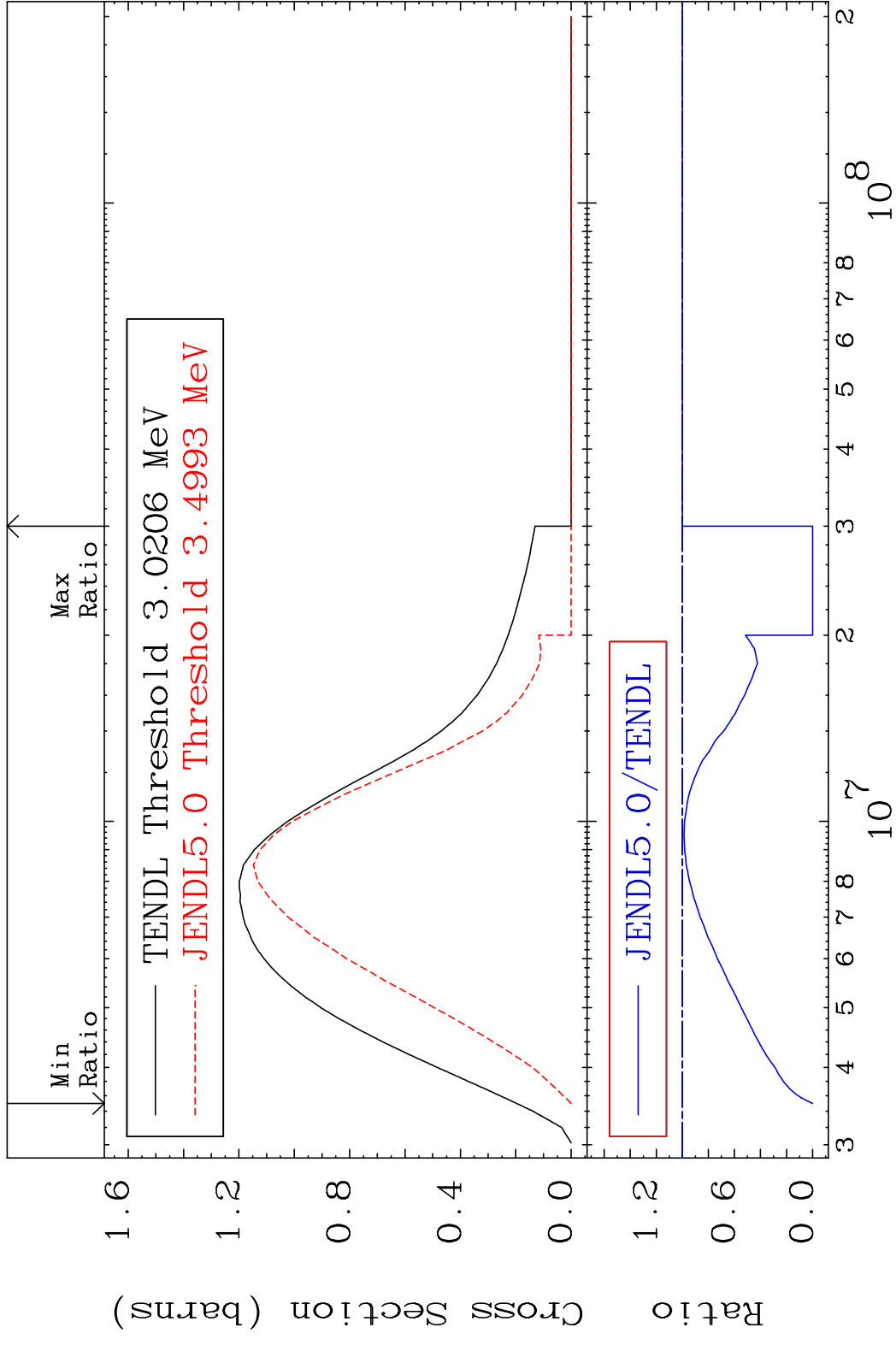
MAT 2034 MT= 77 (n,n') Level 20-Ca-43
 Cross Section -100.0 To 676.1 %



MAT 2034 MT= 78 (n, n') Level 20-Ca-43
 Cross Section -100.0 To 238.2 %



MAT 2034 (n, n') Continuum 20-Ca-43
 Cross Section -100.0 To 0.000 %

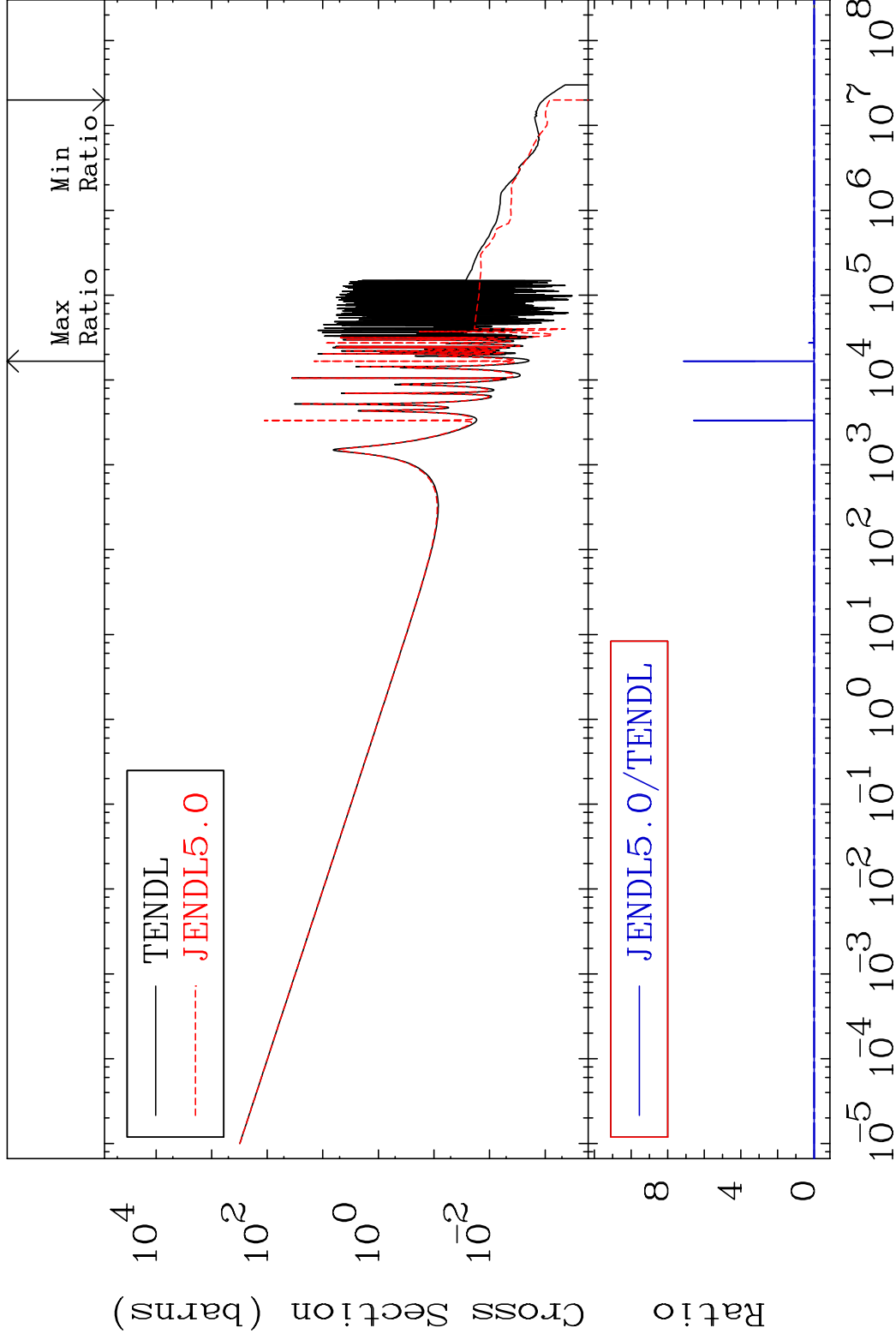


MAT 2034

(n, γ)

20-Ca-43

Cross Section -100.0 To 9999. %

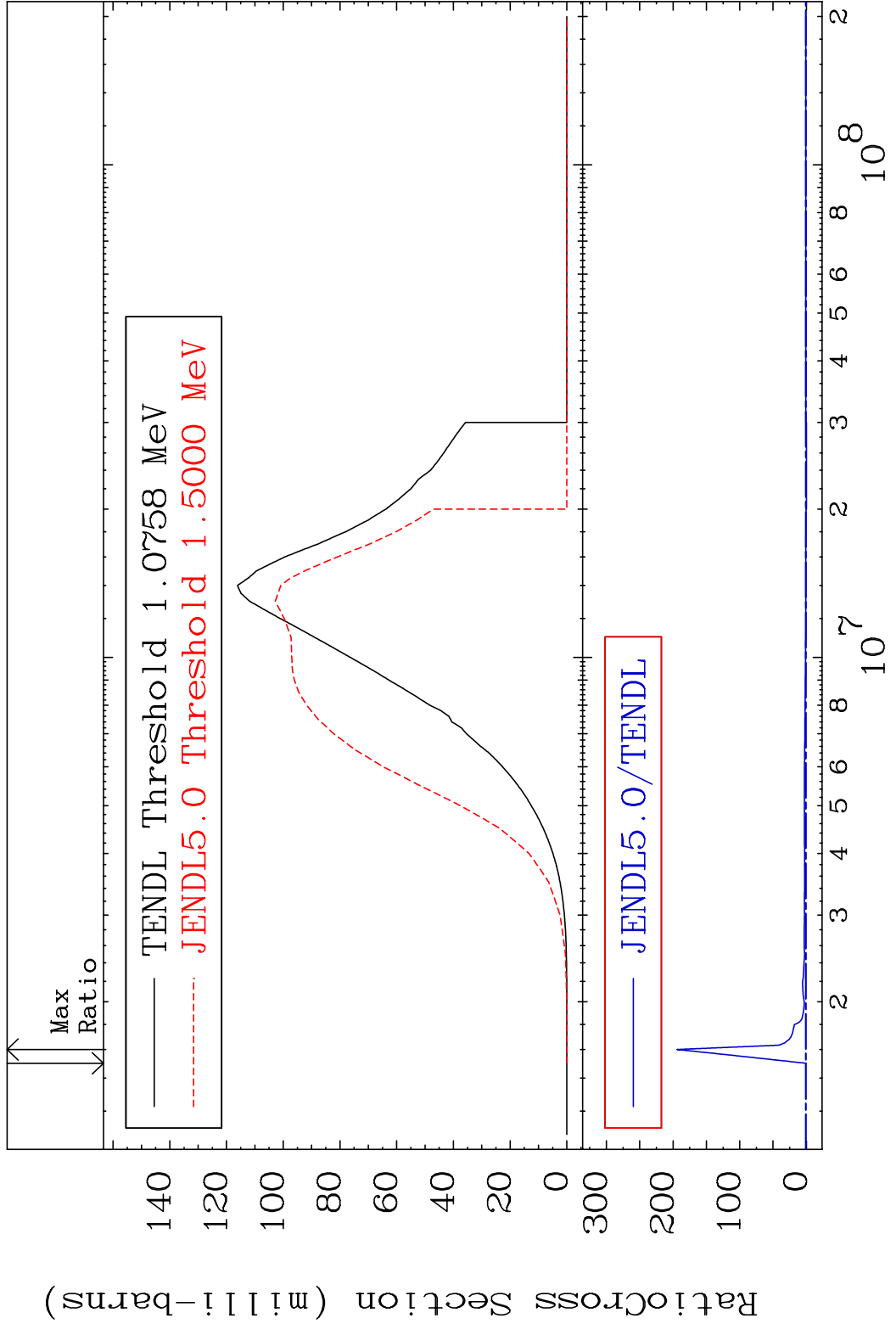


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Incident Energy (eV)

20-Ca-43

MAT 2034 (n,p) 20-Ca-43
 Cross Section -100.0 To 9999. %

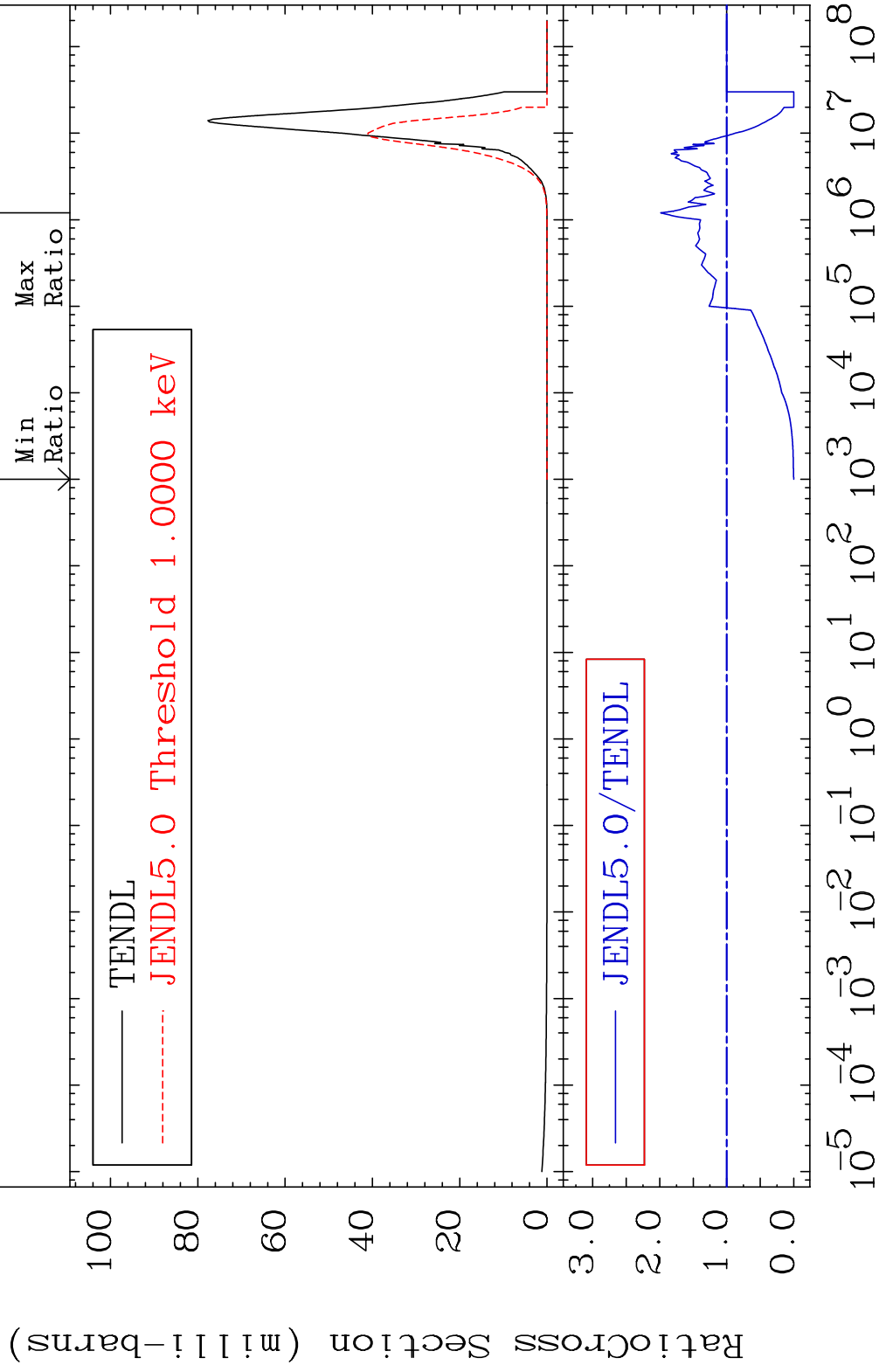


MAT 2034

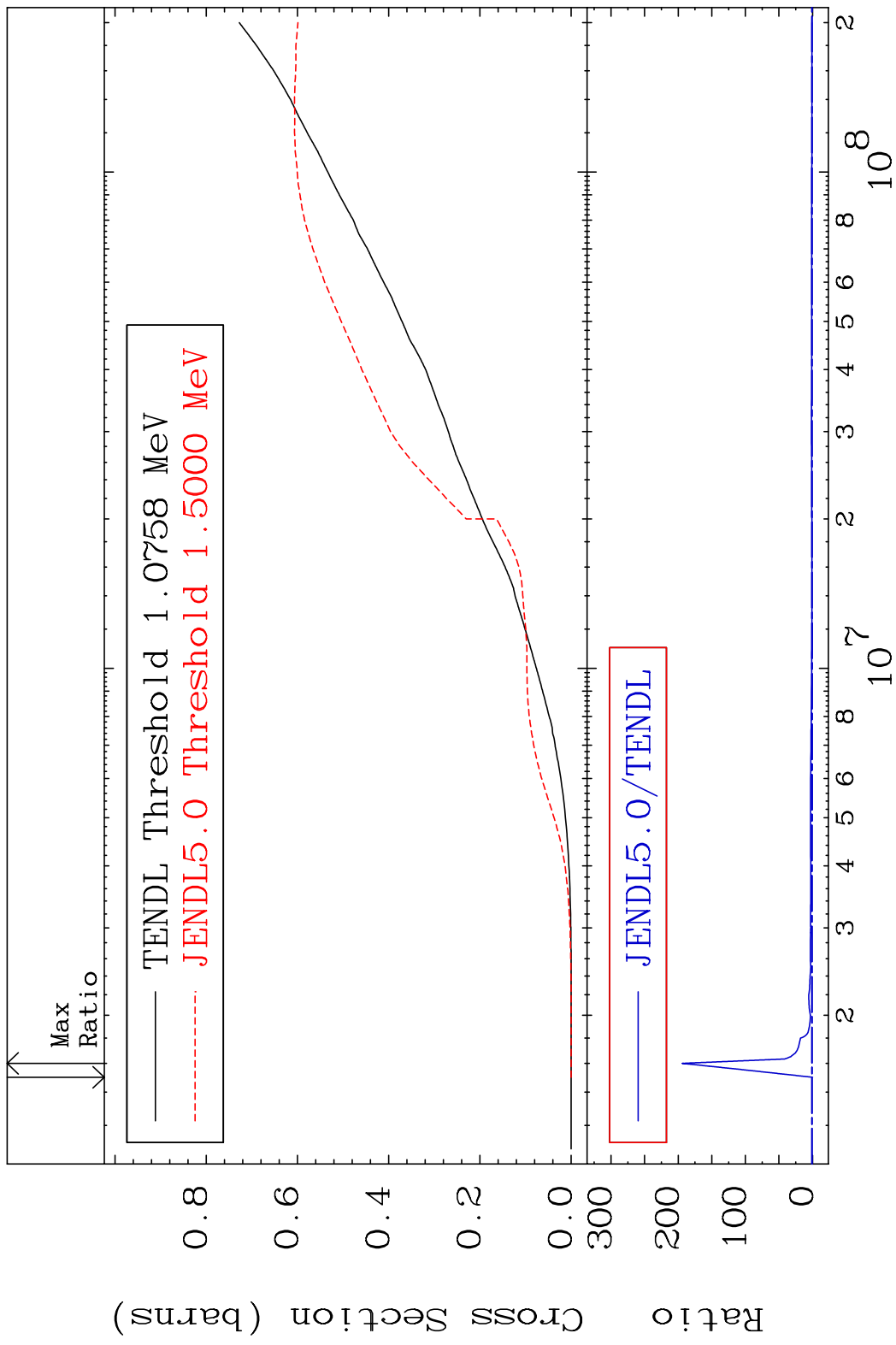
(n, α)

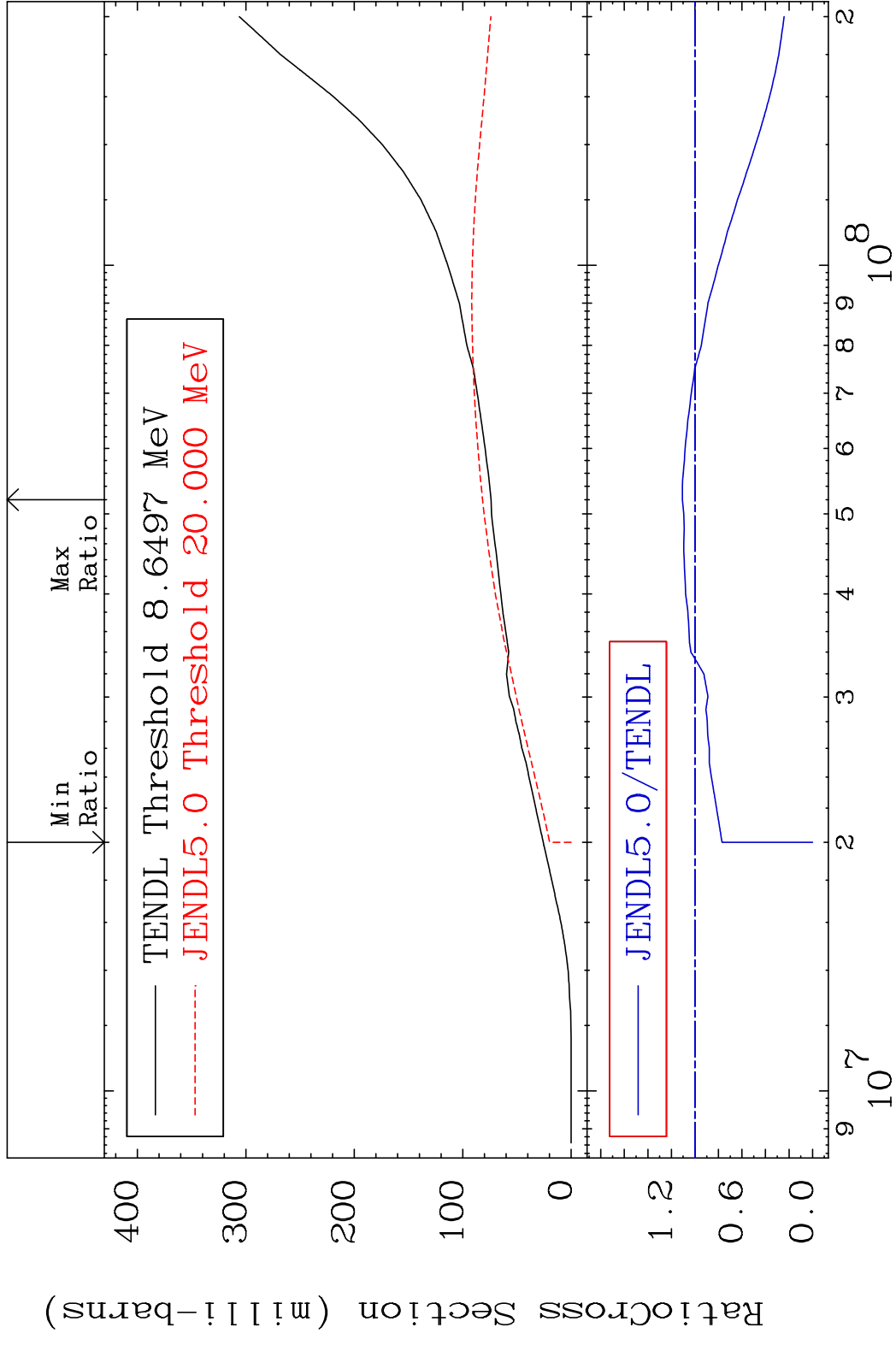
20-Ca-43

Cross Section -100.0 To 98.60 %

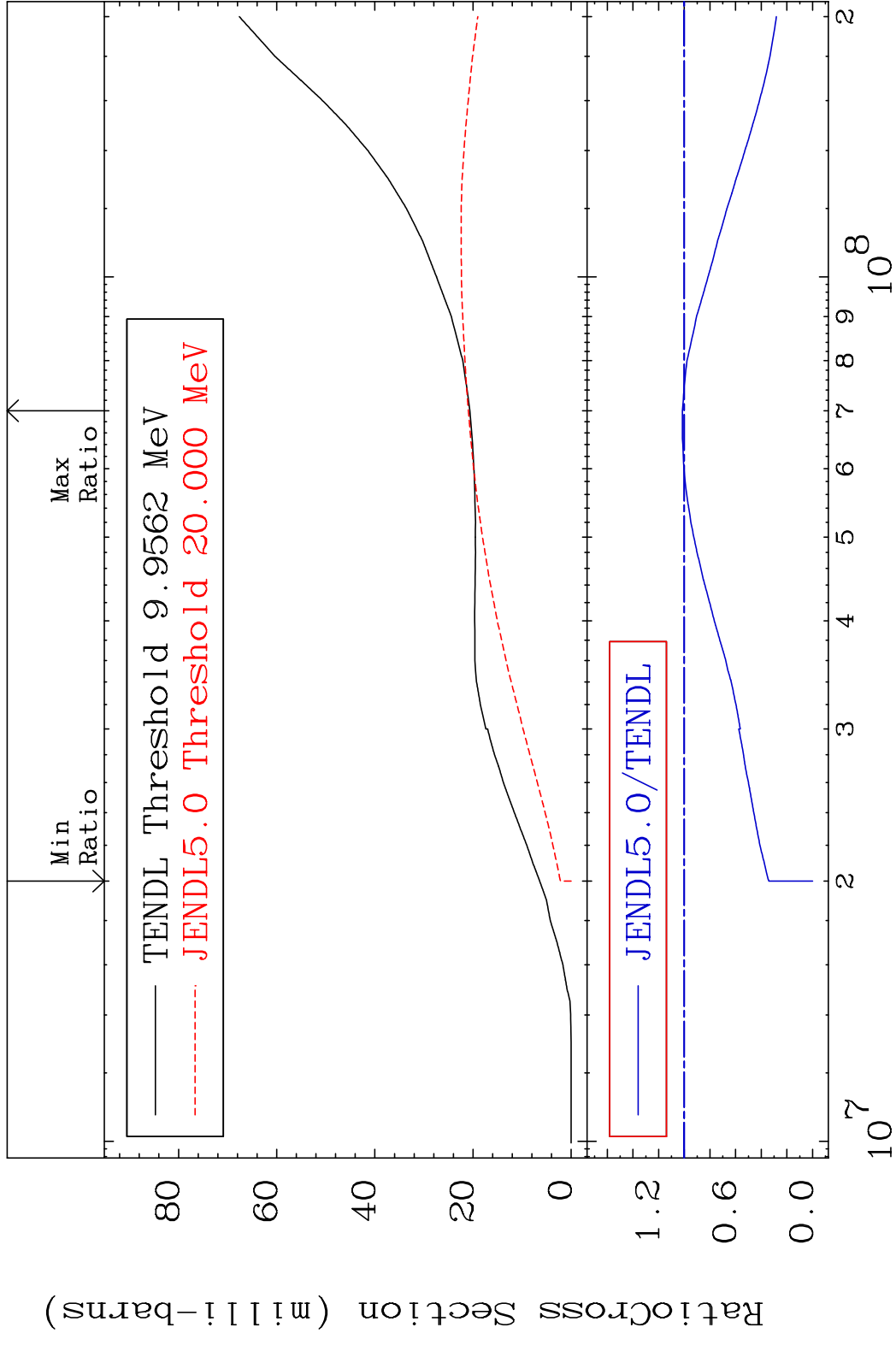


MAT 2034 Hydrogen Production 20-Ca-43
 Cross Section -100.0 To 9999. %





MAT 2034 Tritium Production 20-Ca-43
 Cross Section -100.0 To 1.501 %



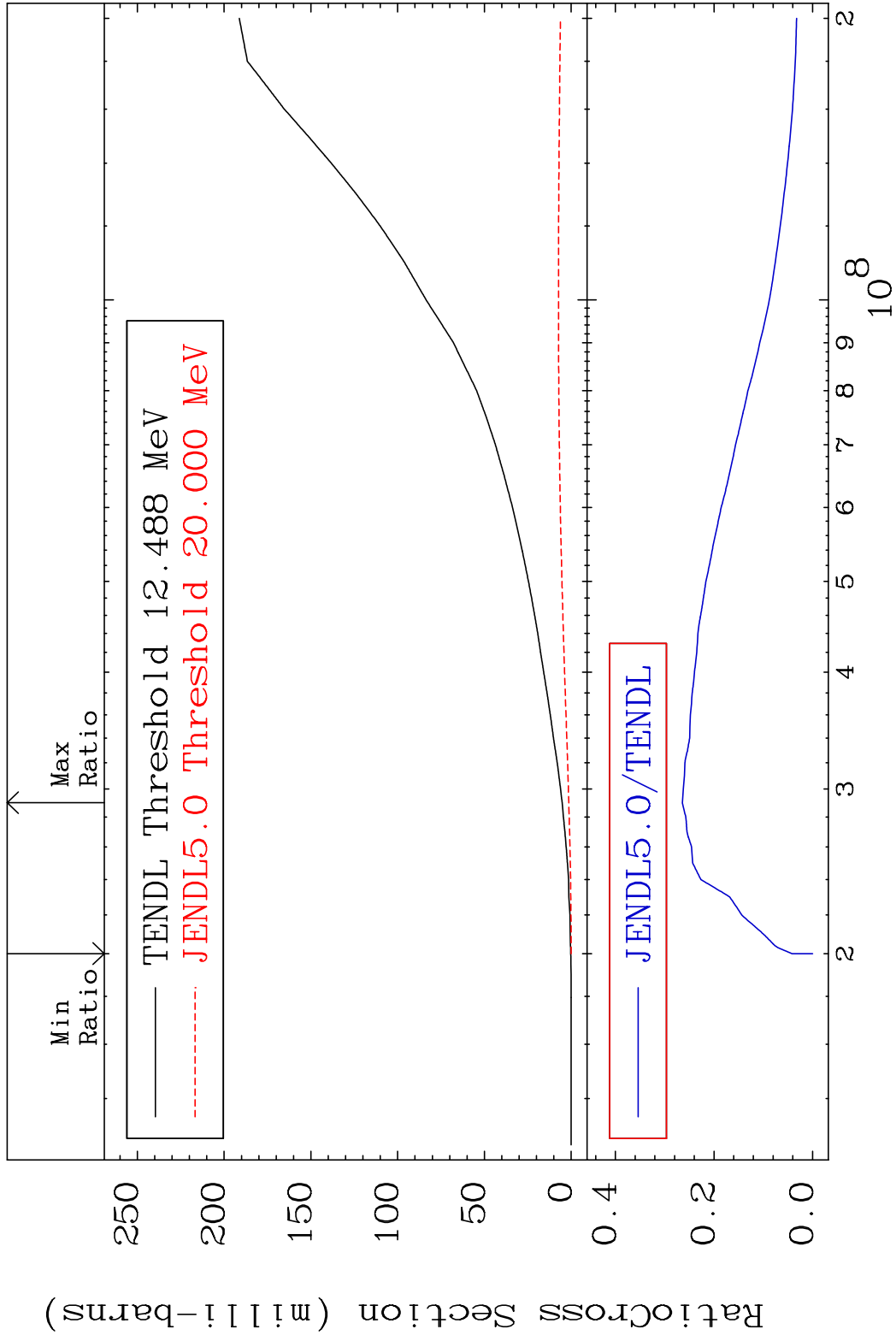
43 Incident Energy (eV) 20-Ca-43

MAT 2034

He-3 Production

20-Ca-43

Cross Section -100.0 To -73.58%



44

Incident Energy (eV)

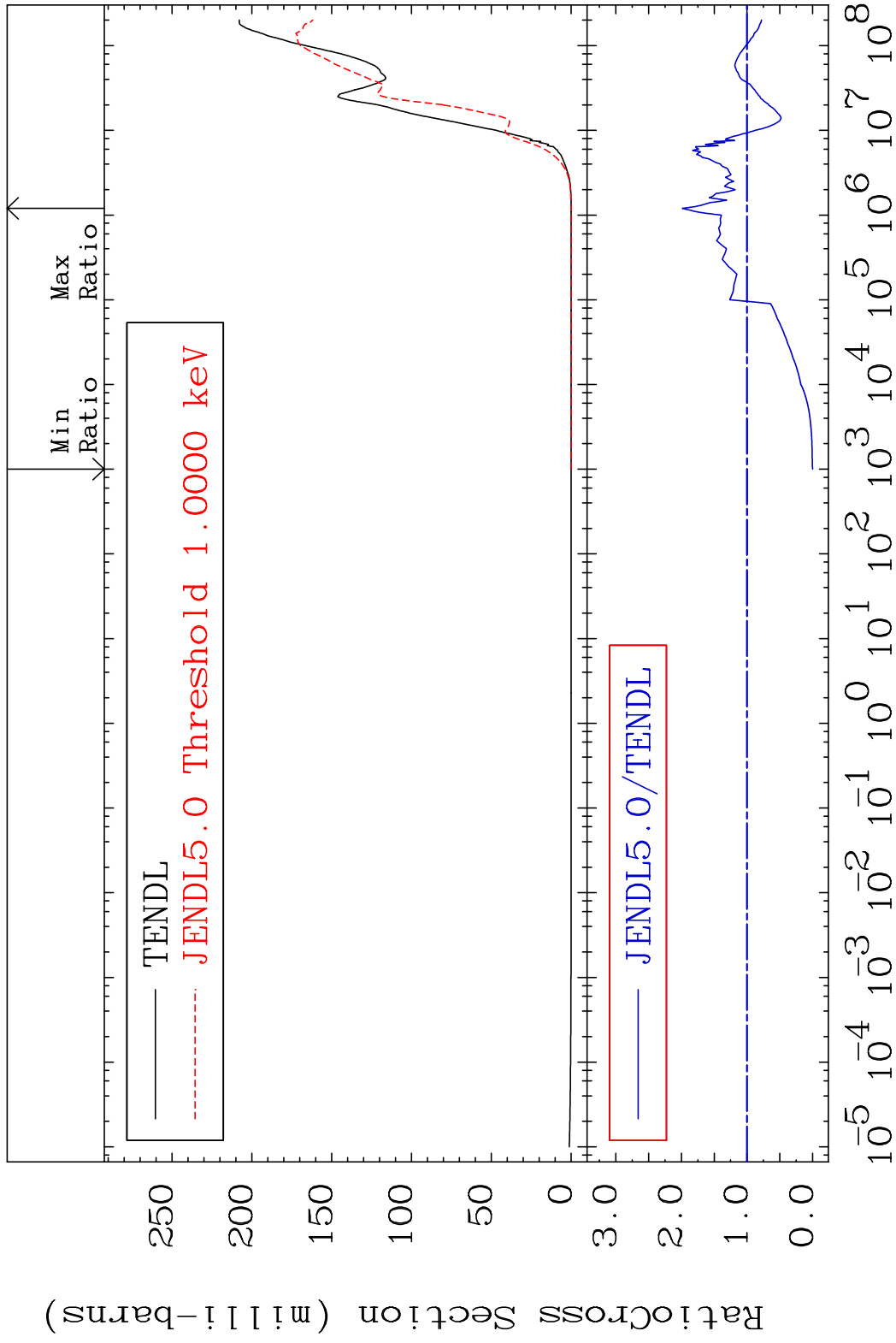
20-Ca-43

MAT 2034

He-4 Production

20-Ca-43

Cross Section -100.0 To 98.60 %

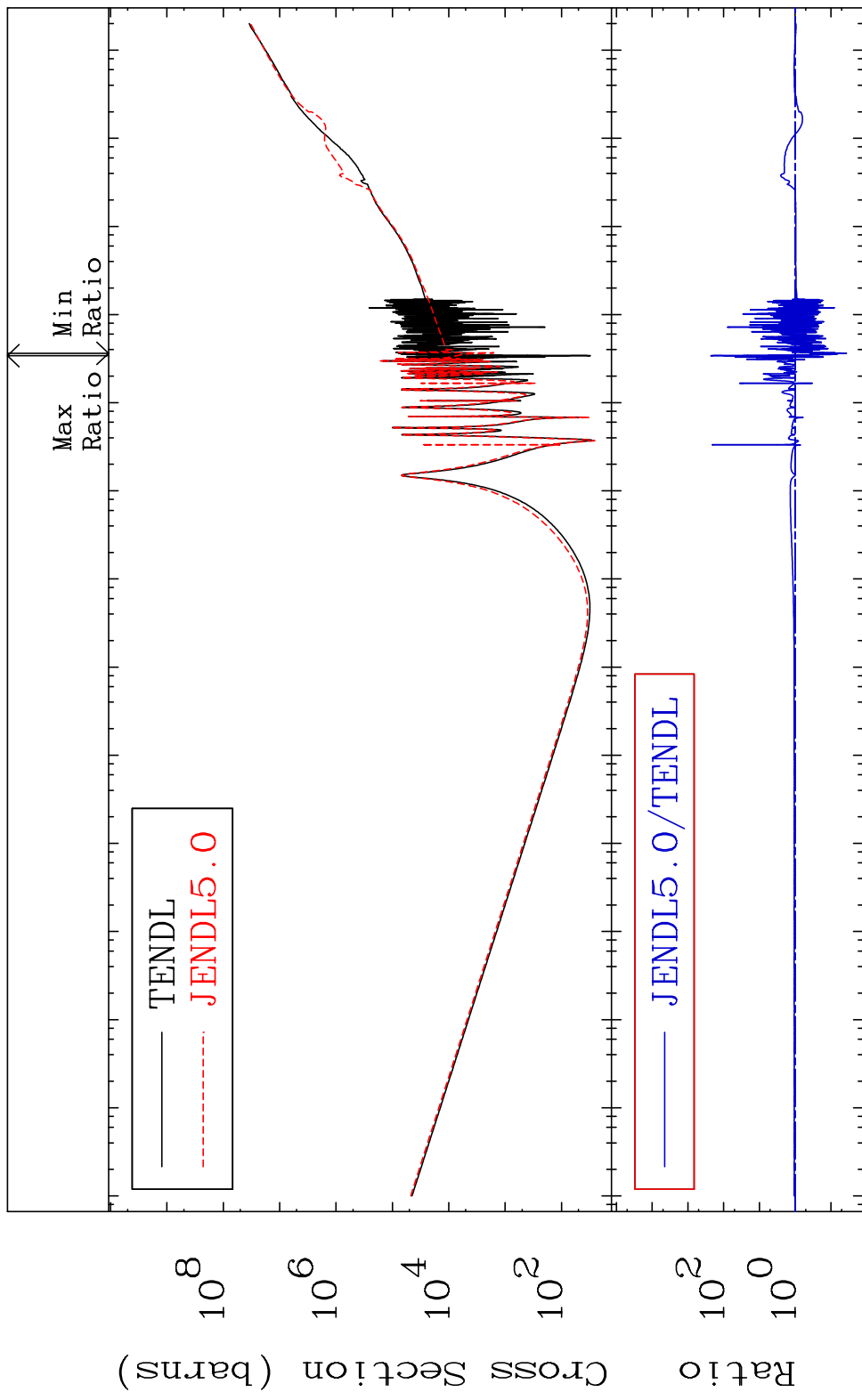


45

Incident Energy (eV)

20-Ca-43

MAT 2034 Kerma total (eV-barns) 20-Ca-43
 Cross Section -96.31 To 9999. %

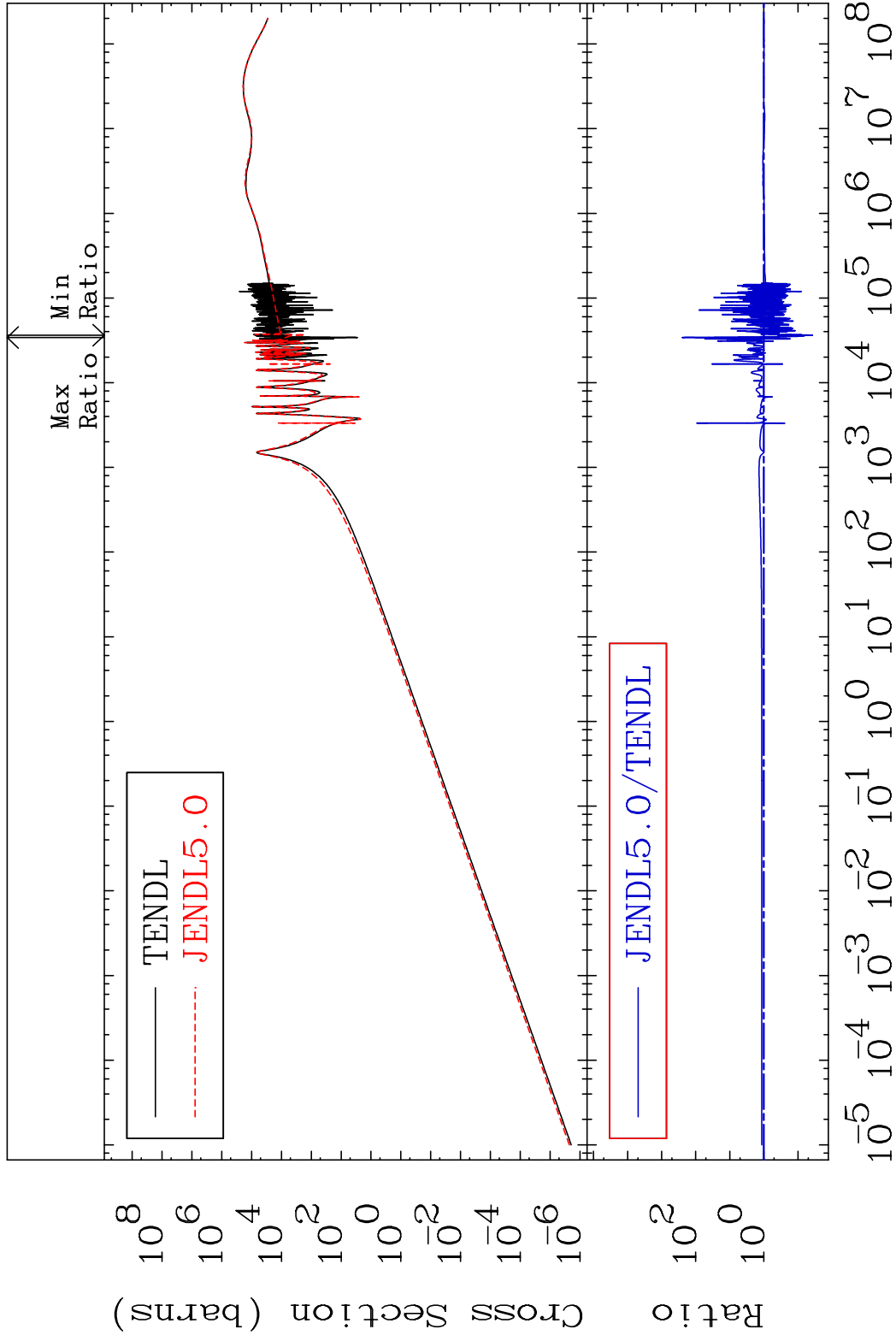


46 Incident Energy (eV) 20-Ca-43

MAT 2034

Kerma elastic
Cross Section

20-Ca-43
-96.28 To 9999. %

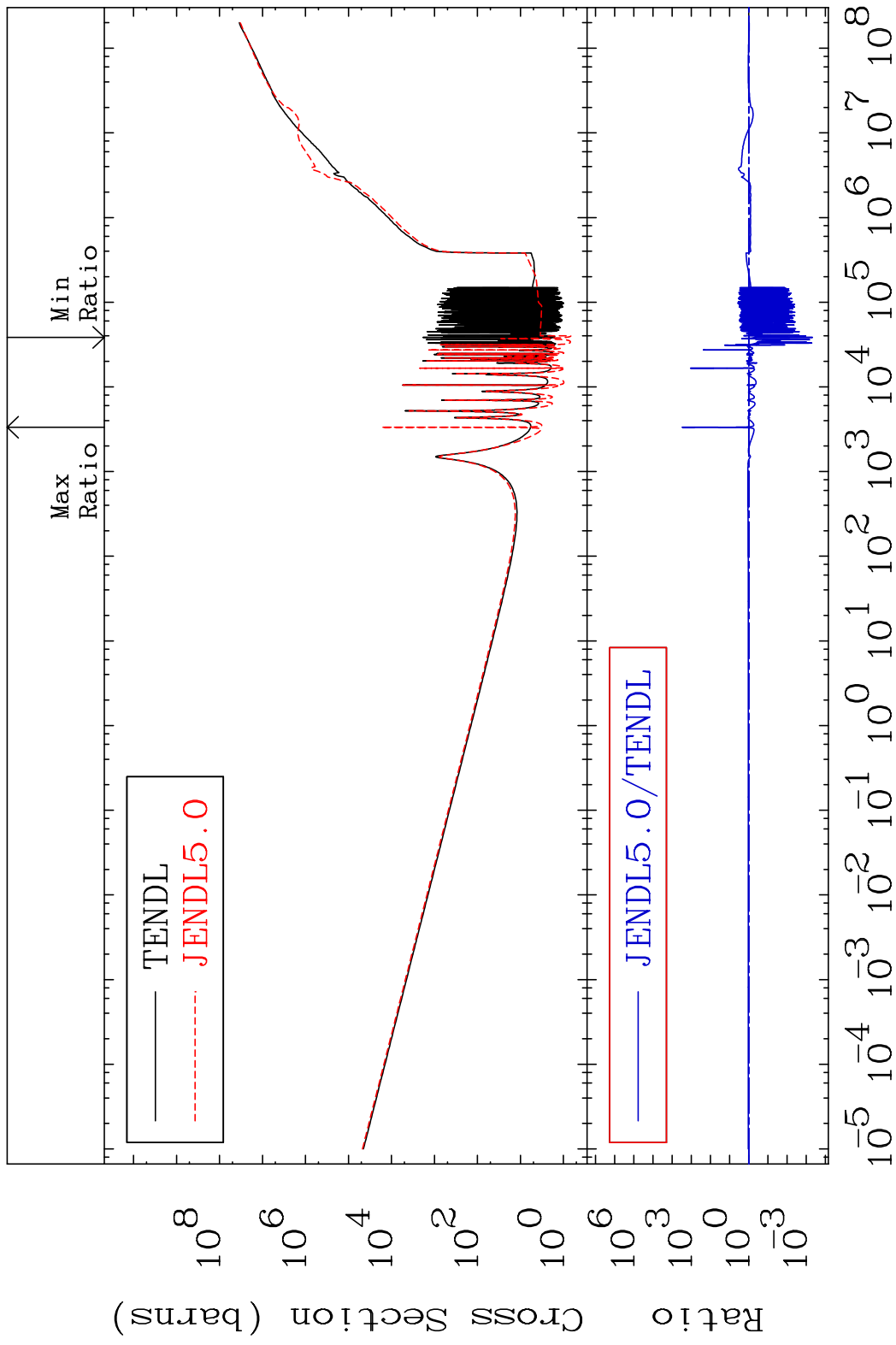


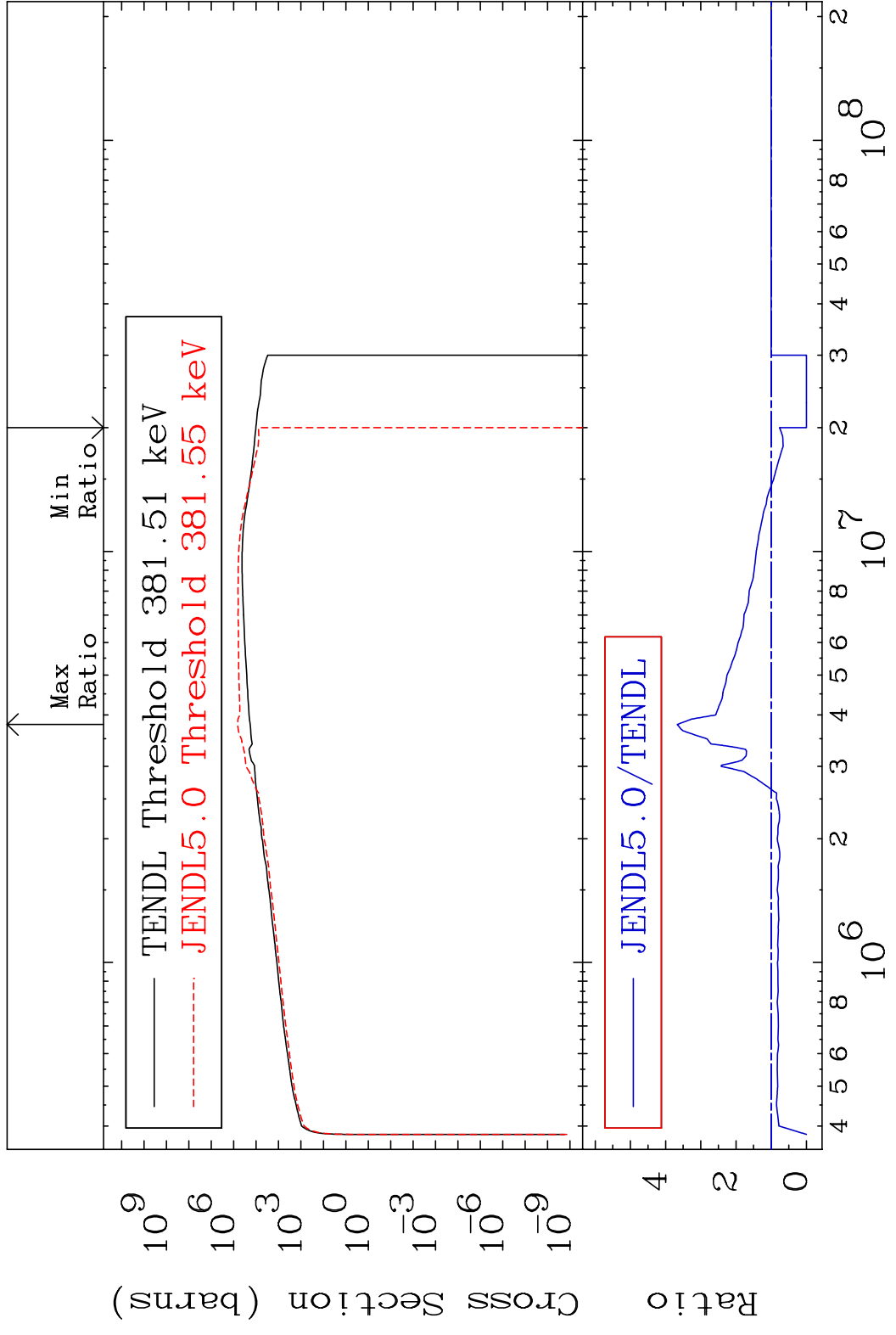
47

Incident Energy (eV)

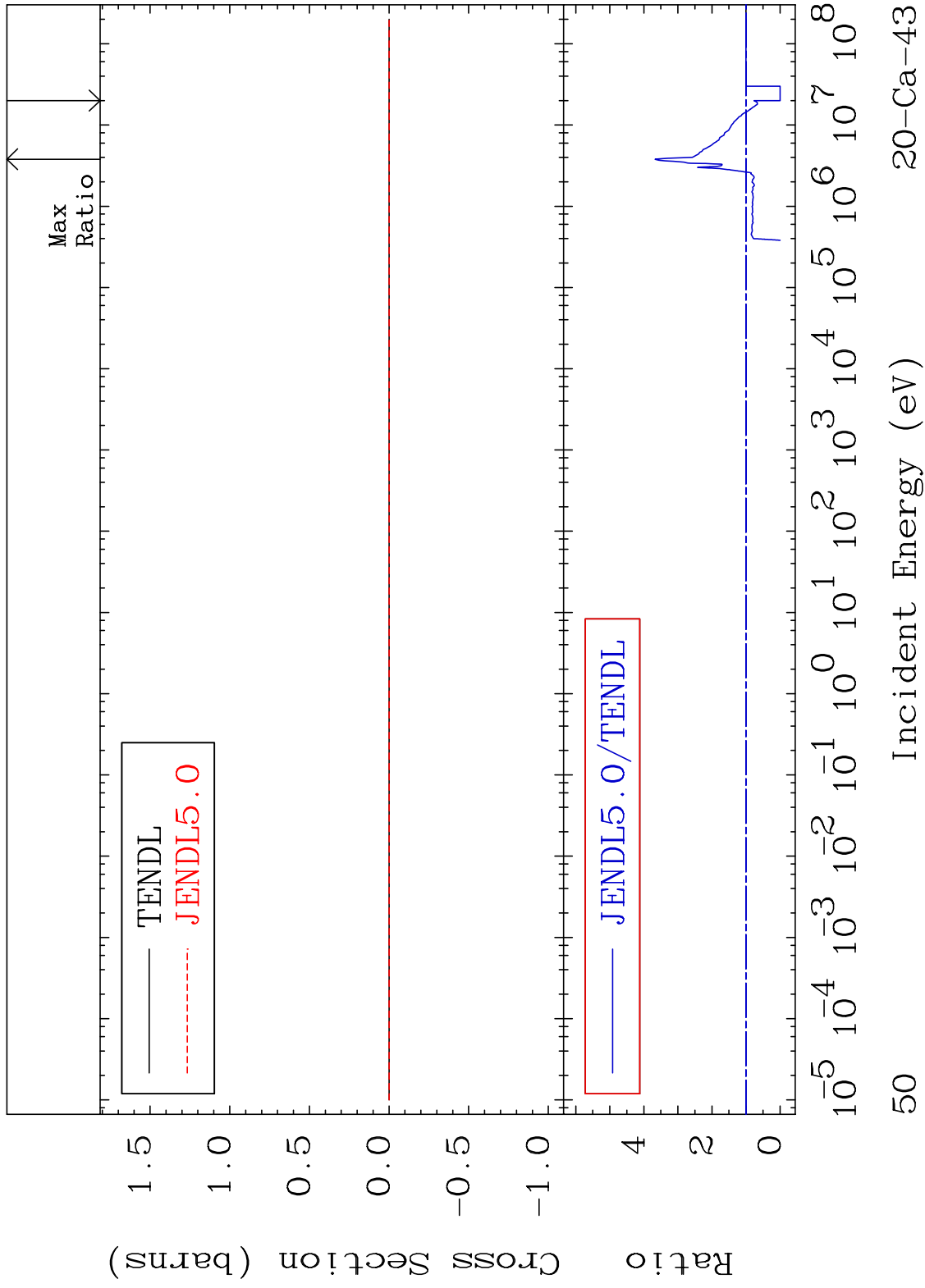
20-Ca-43

MAT 2034 Kerma non-elastic (all but mt2) 20-Ca-43
 Cross Section -99.95 To 9999. %



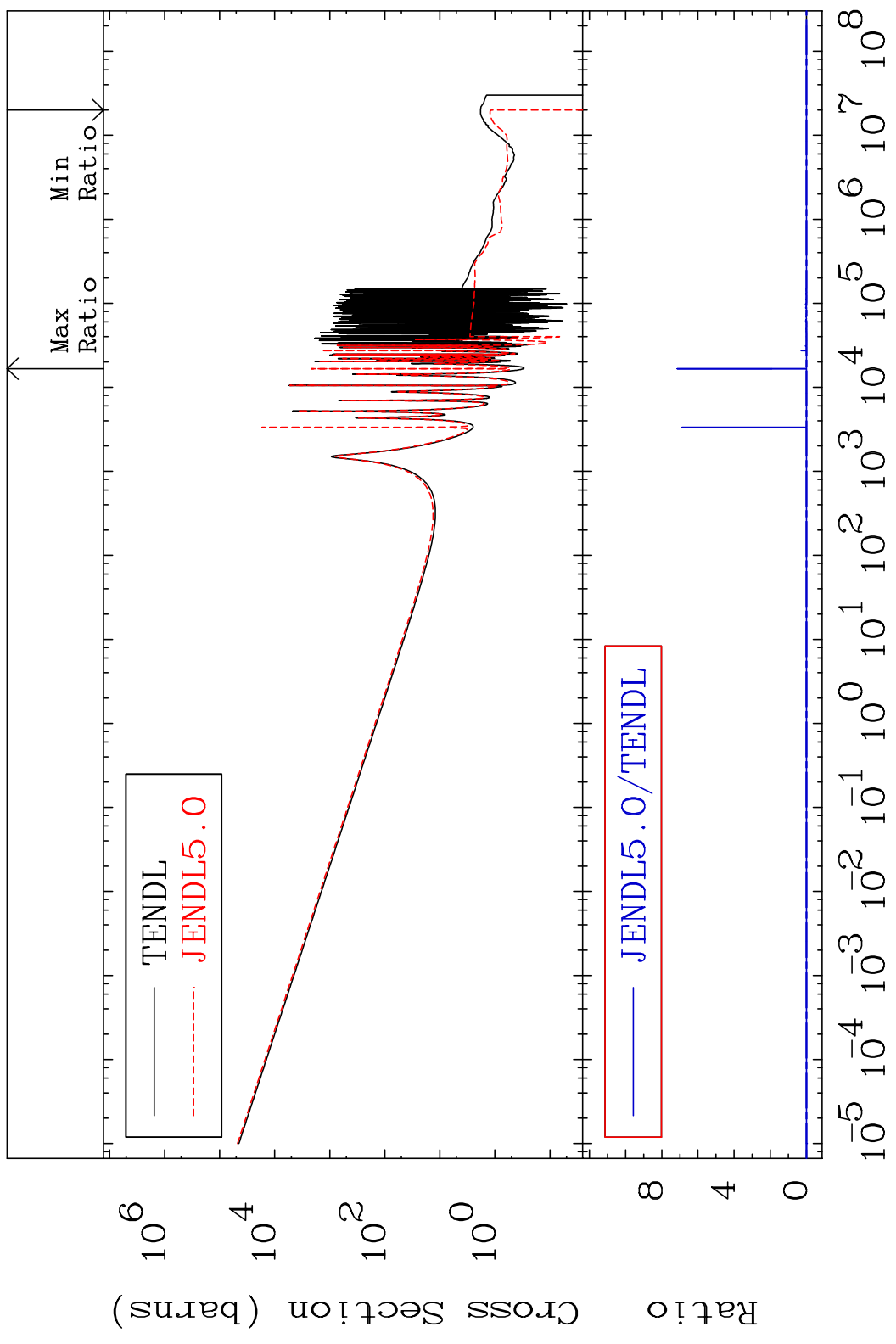


MAT 2034 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-43
Cross Section -100.0 To 267.1 %



MAT 2034

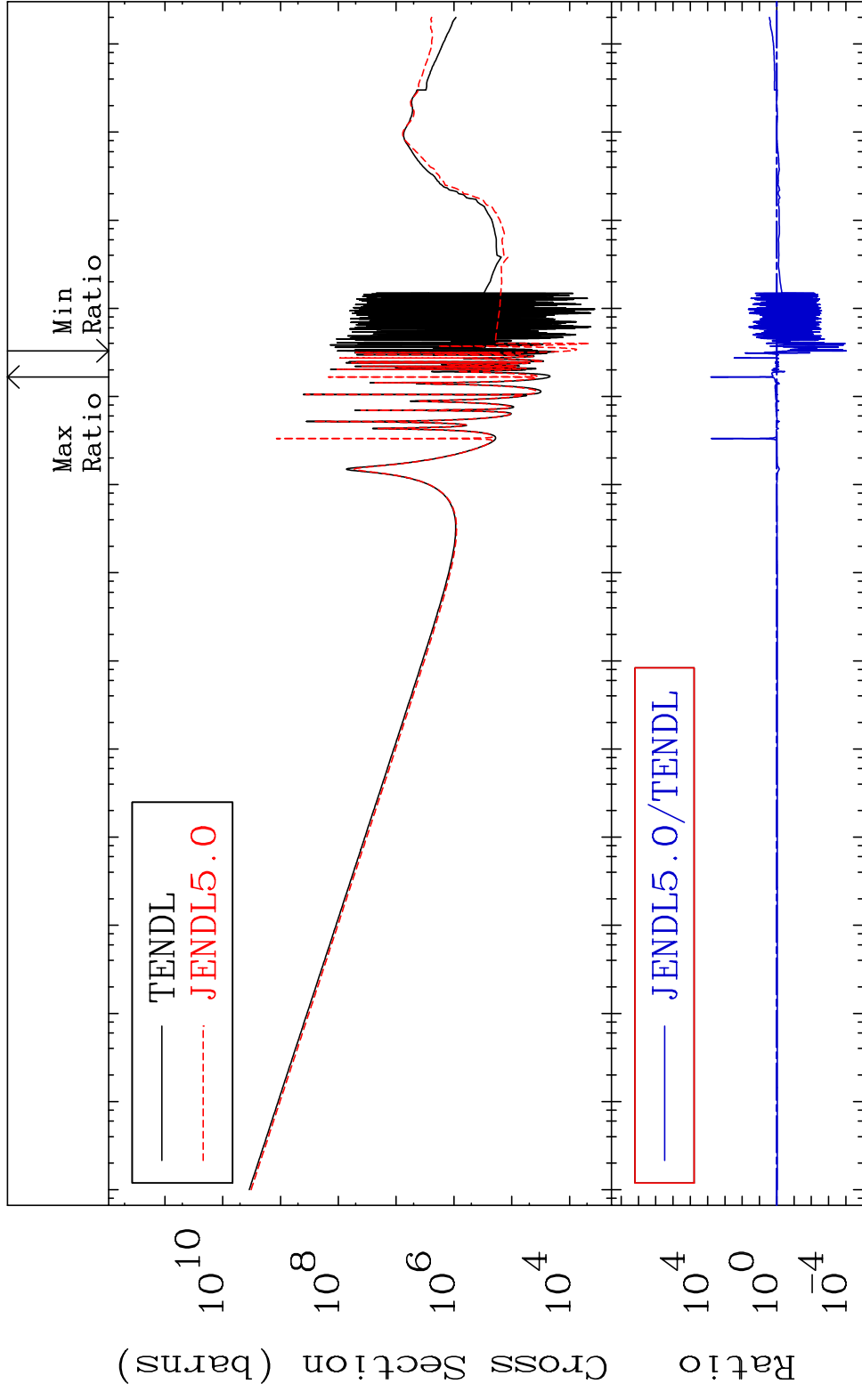
Kerma capture (mt102) 20-Ca-43
Cross Section -100.0 To 9999. %



51

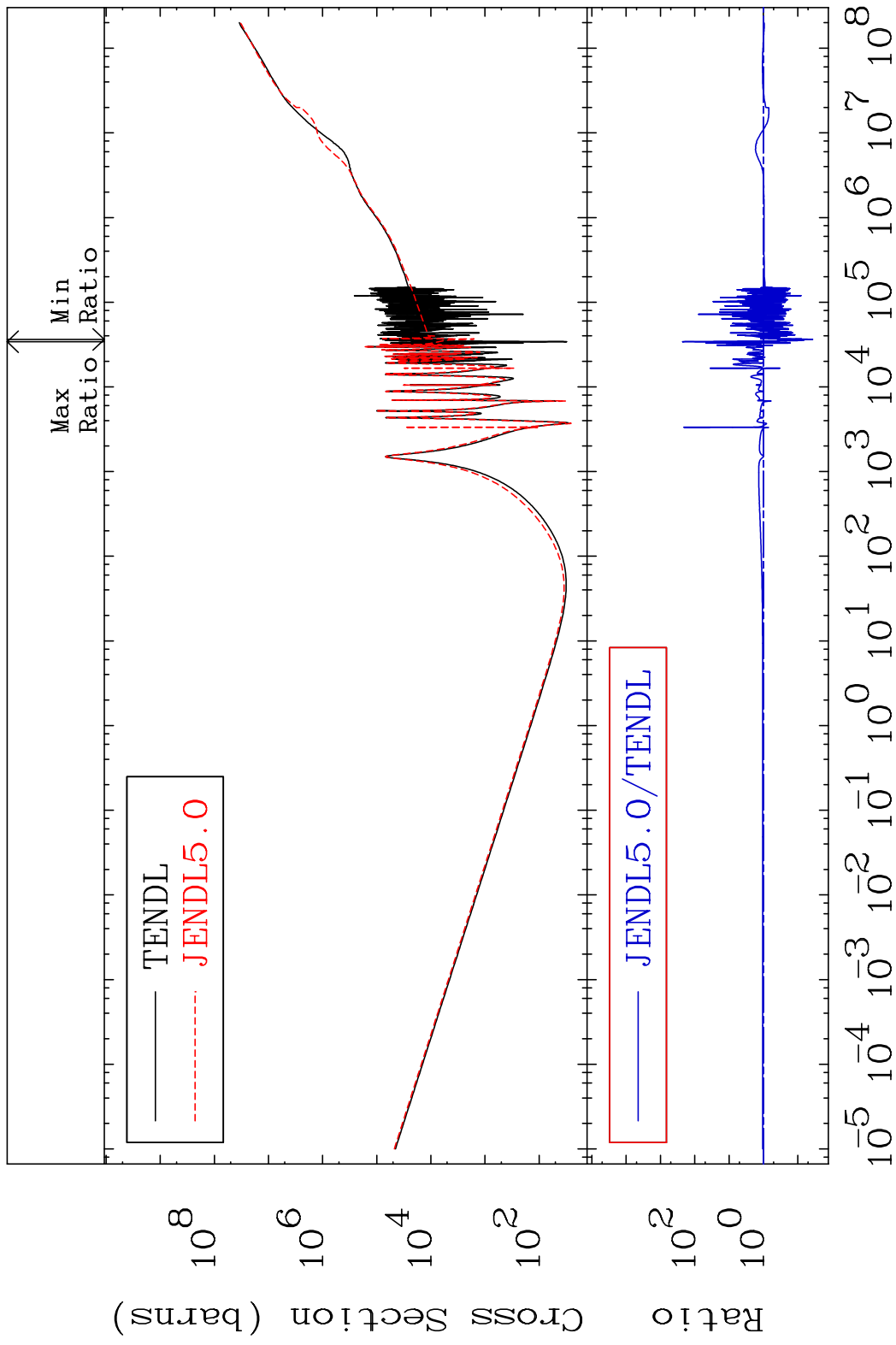
Incident Energy (eV) 20-Ca-43

MAT 2034 Total photon (eV-barns) 20-Ca-43
 Cross Section -99.99 To 9999. %



52 Incident Energy (eV) 20-Ca-43

MAT 2034 Total kinematic kerma (high limit) 20-Ca-43
Cross Section -96.31 To 9999. %

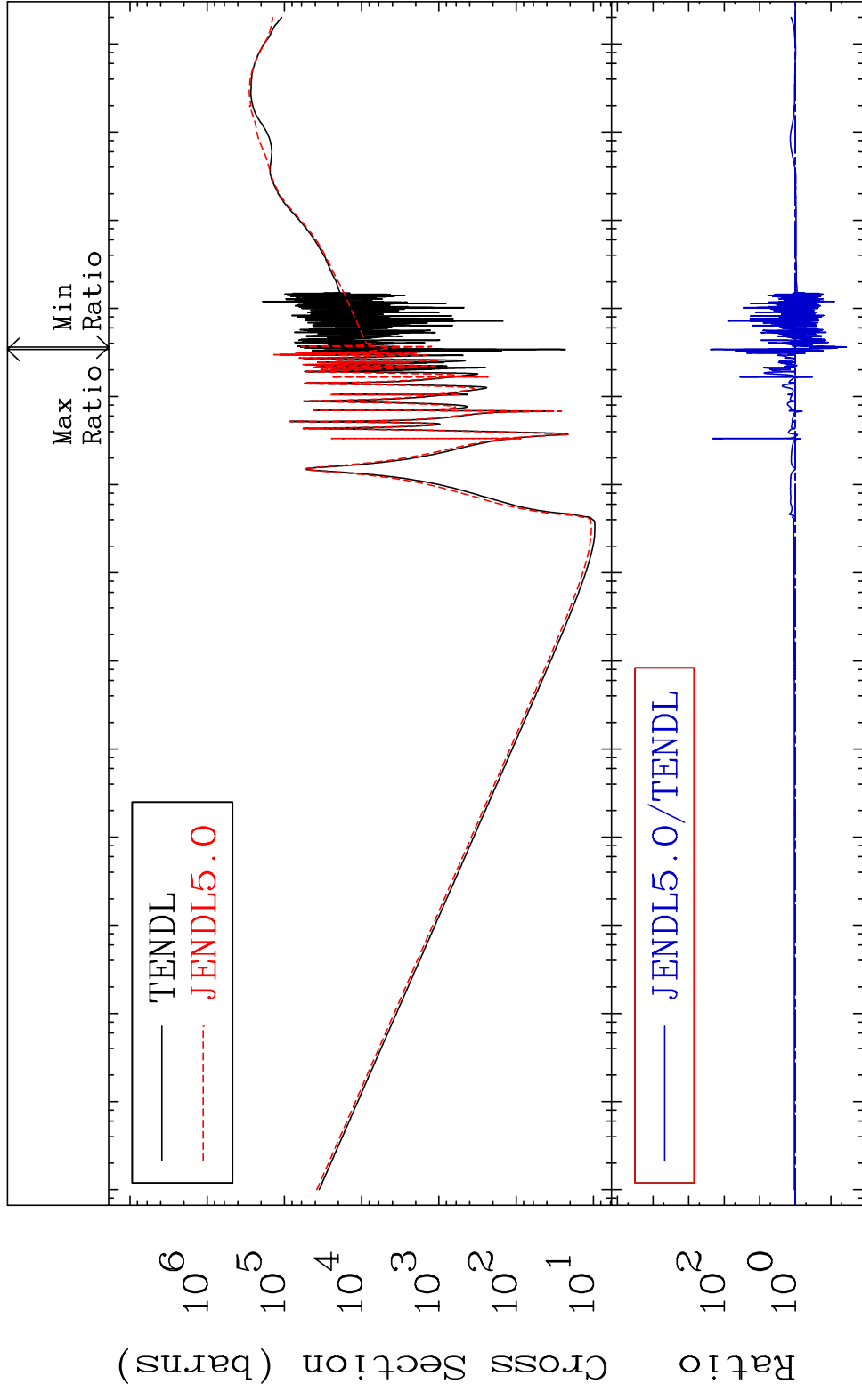


MAT 2034

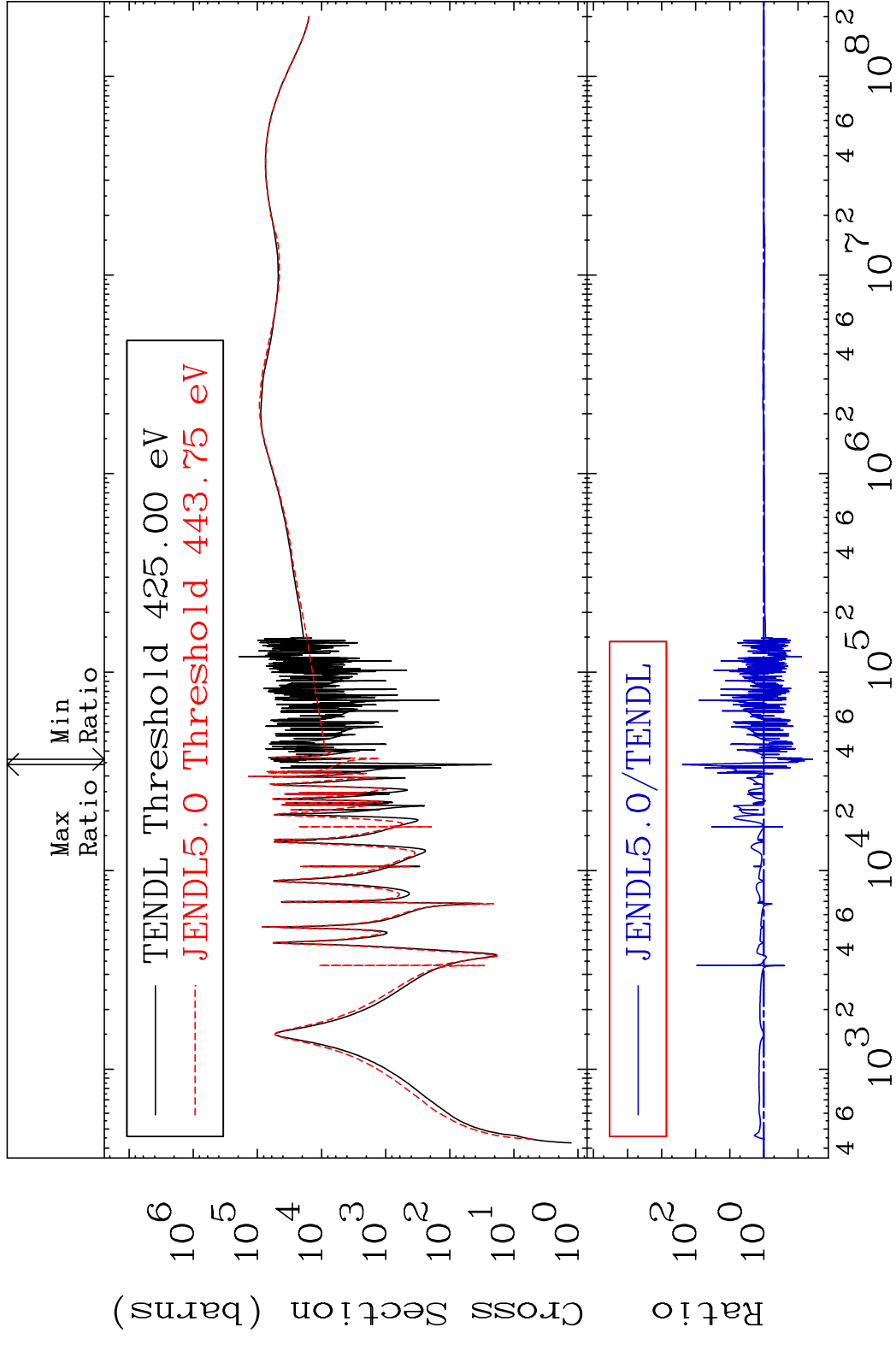
Dpa total (eV-barns)

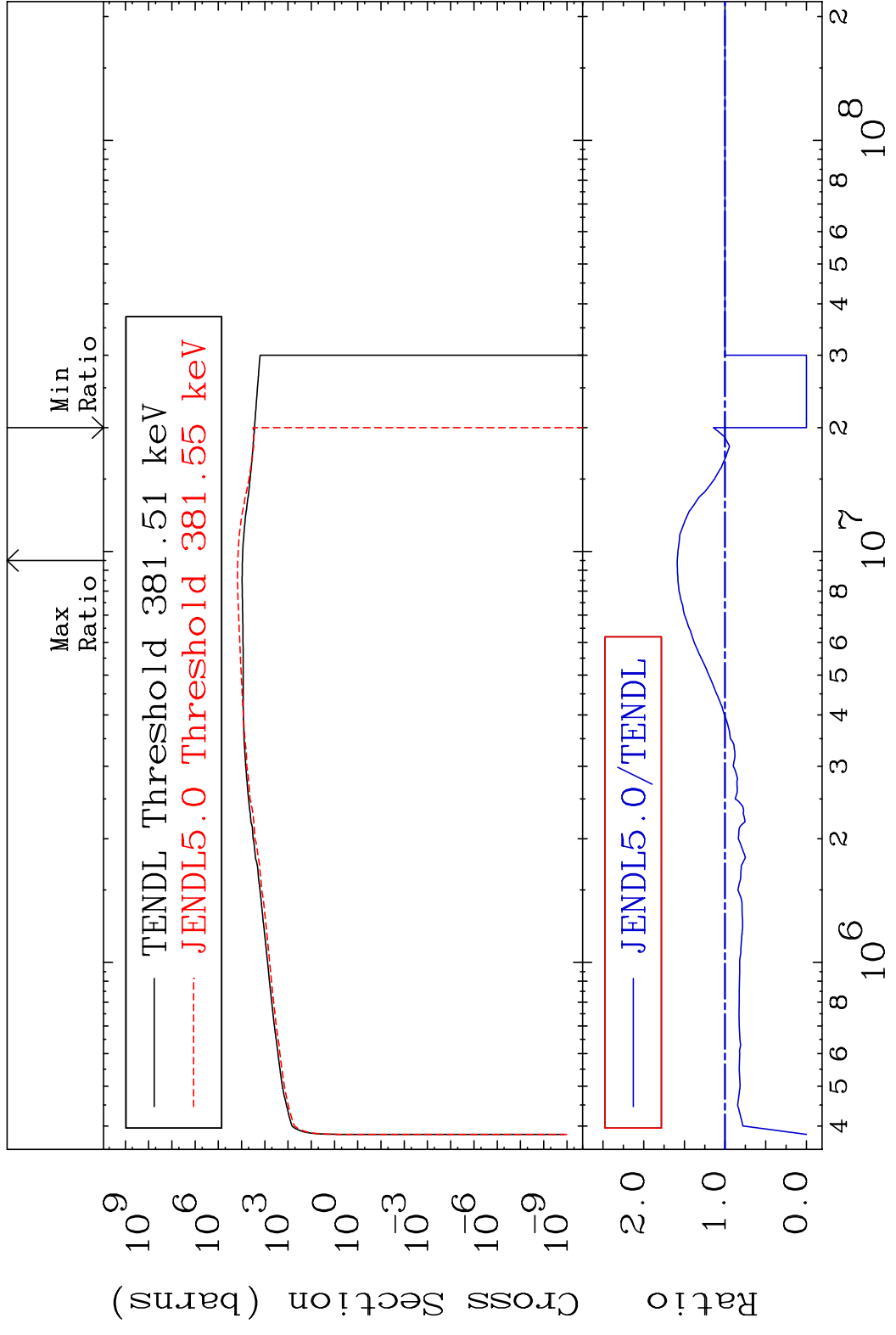
20-Ca-43

Cross Section -96.32 To 9999. %

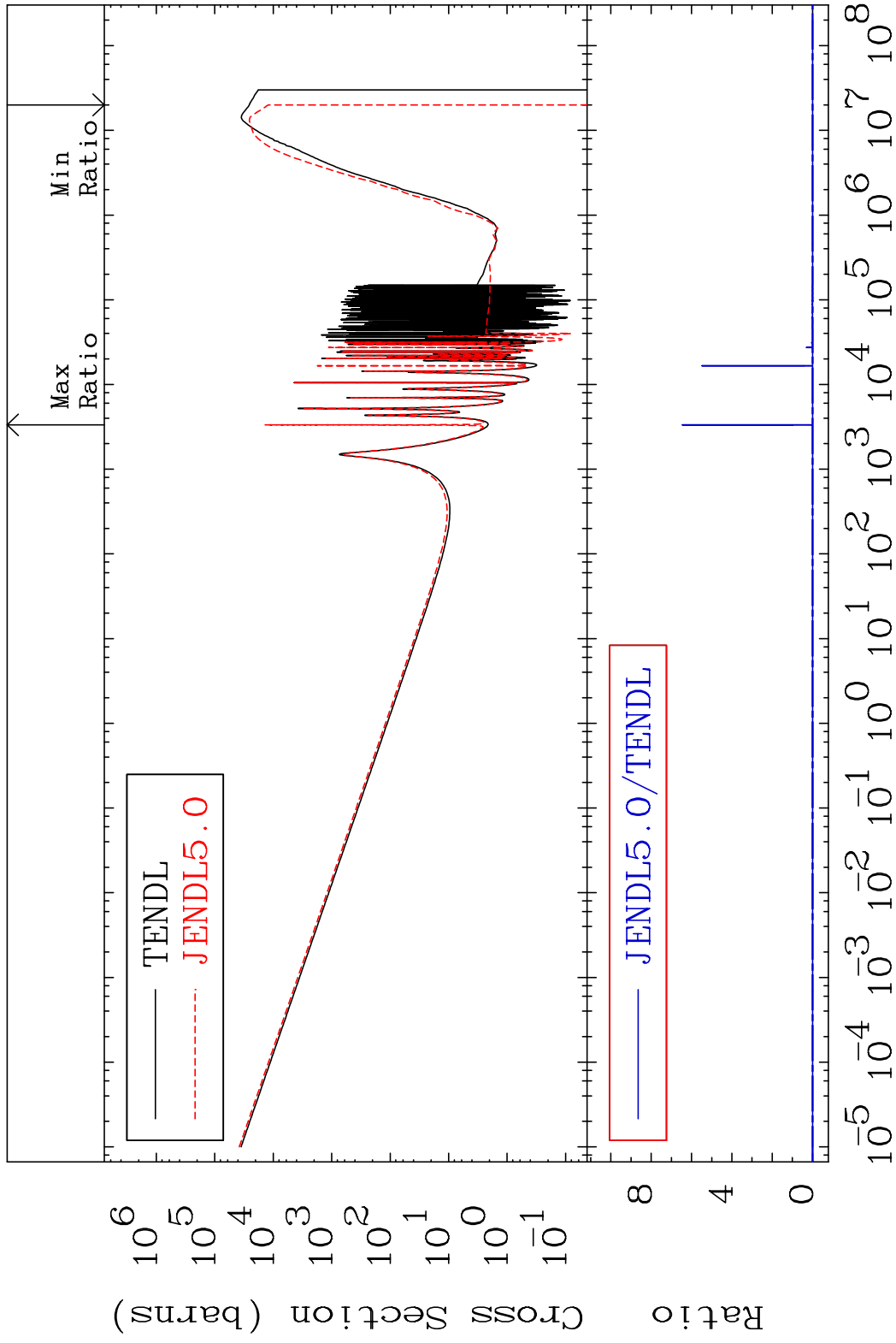


MAT 2034 Dpa elastic (mt2) 20-Ca-43
Cross Section -96.28 To 9999. %





MAT 2034 Dpa disappearance (mt102 -120) 20-Ca-43
 Cross Section -100.0 To 9999. %



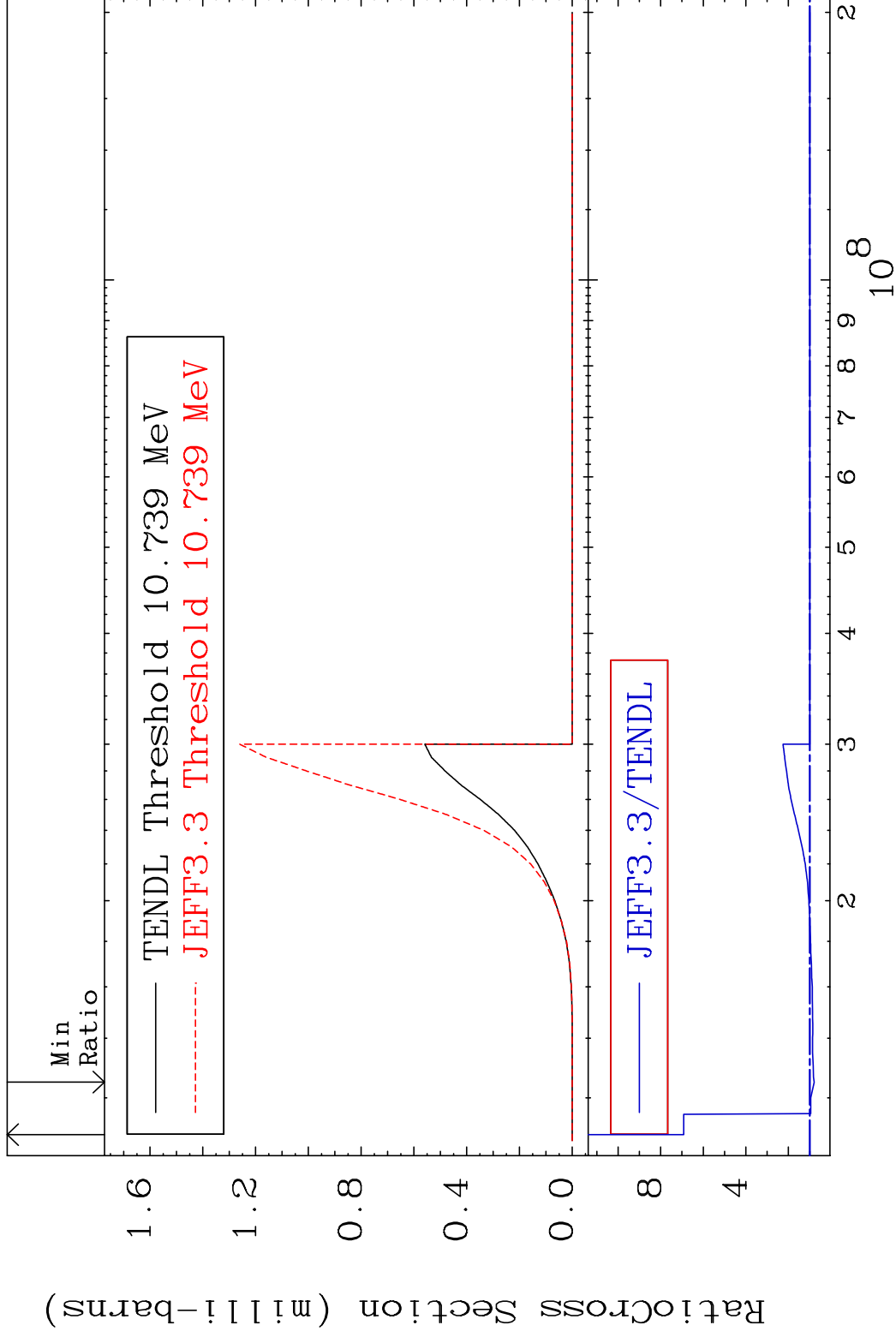
57 Incident Energy (eV) 20-Ca-43

MAT 2034

(n,2p)

20-Ca-43

Cross Section -20.65 To 591.9 %



58

Incident Energy (eV)

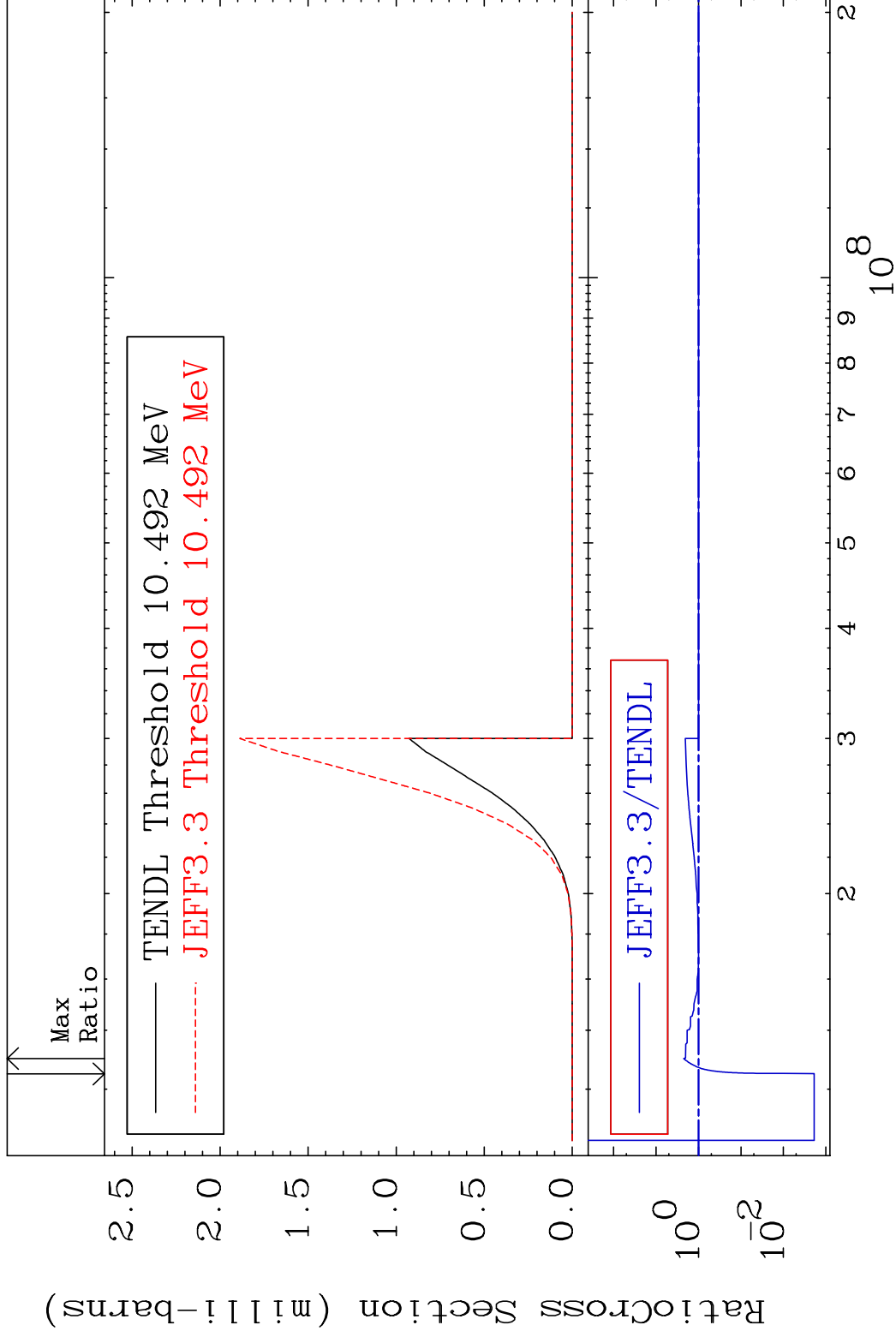
20-Ca-43

MAT 2034

(n,p) α

20-Ca-43

Cross Section -99.81 To 123.8 %

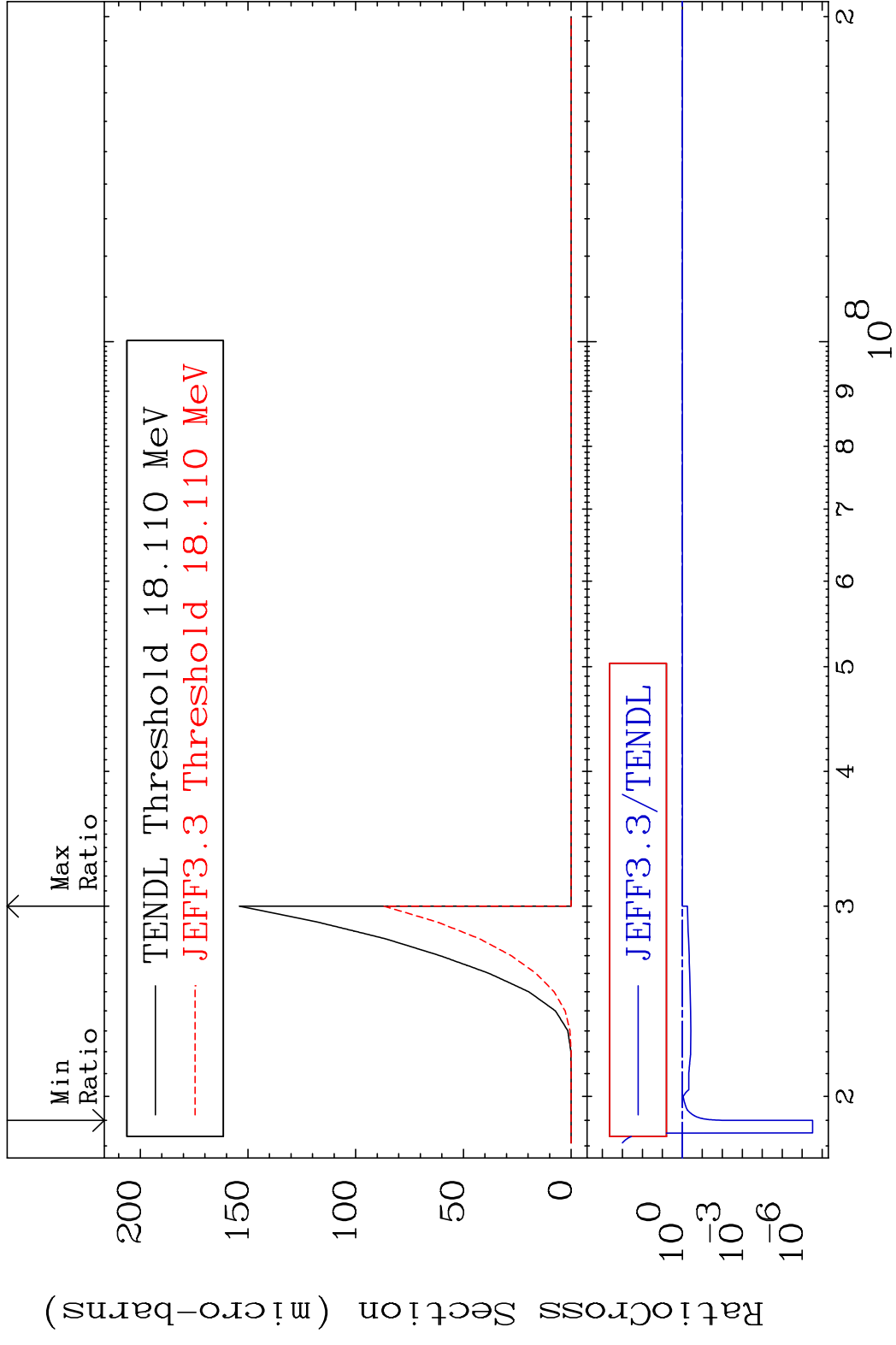


59

Incident Energy (eV)

20-Ca-43

MAT 2034 (n,p) d 20-Ca-43
 Cross Section -100.0 To 0.000 %



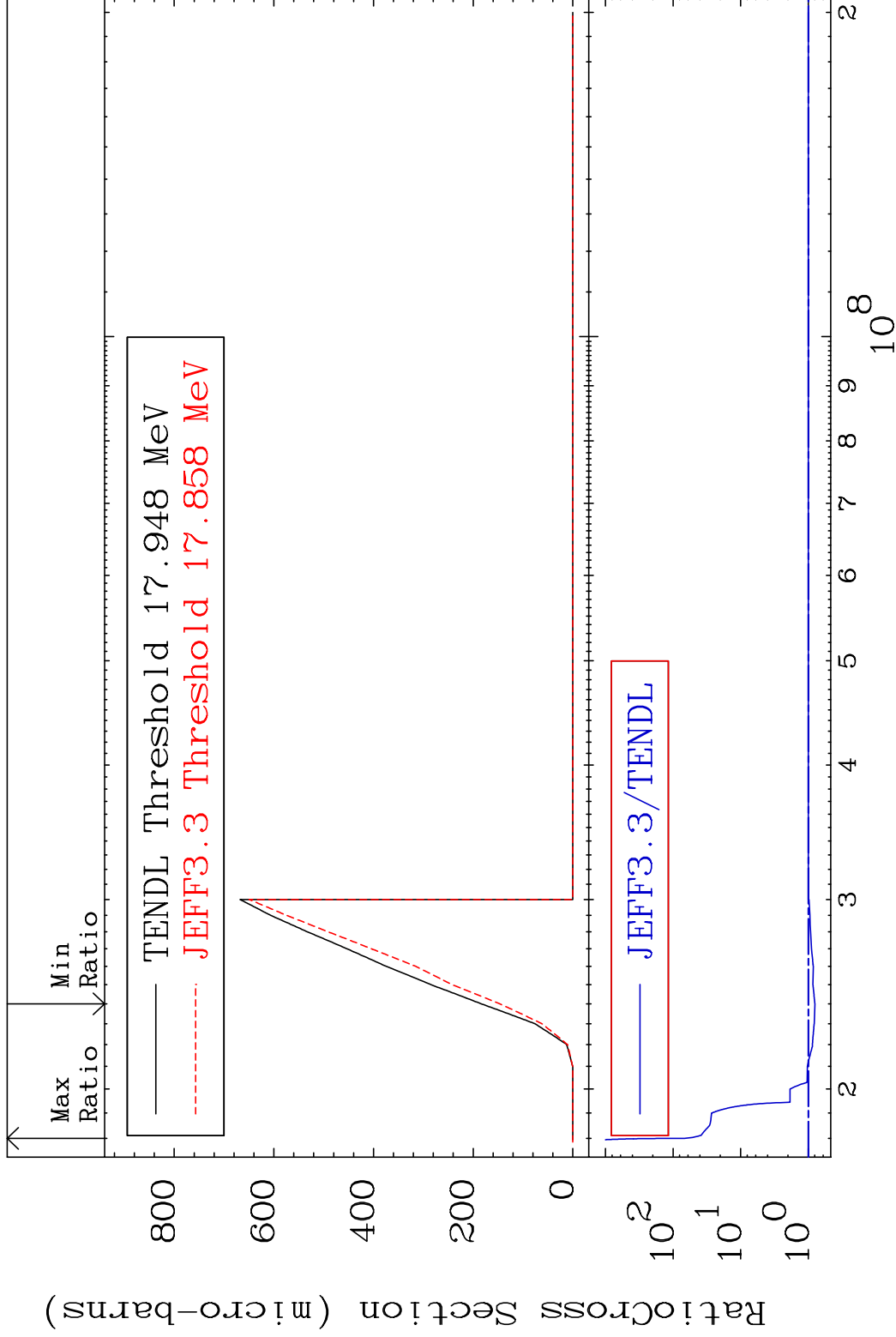
60 Incident Energy (eV) 20-Ca-43

MAT 2034

(n,p) t

20-Ca-43

Cross Section -20.29 To 6712. %



61

Incident Energy (eV)

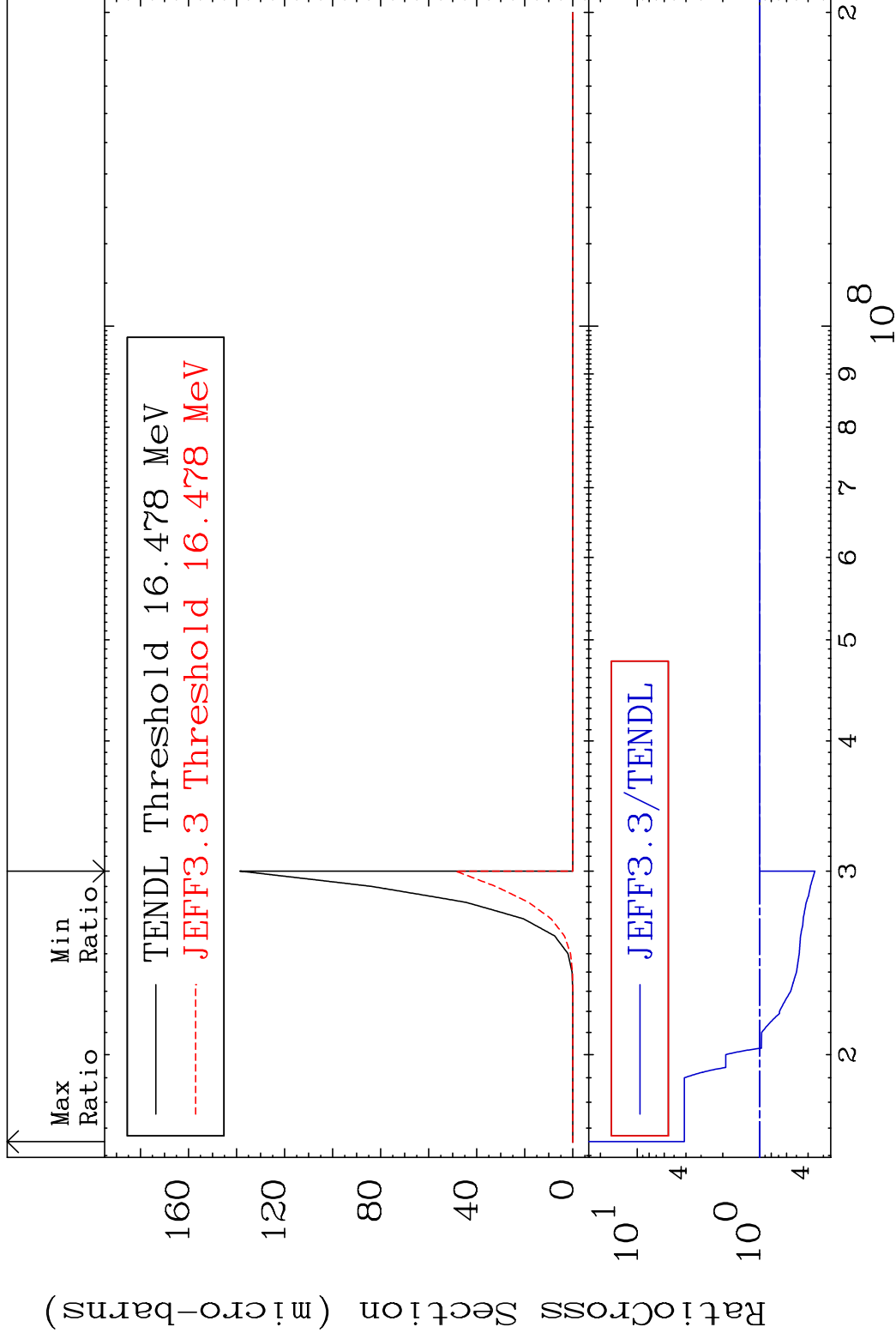
20-Ca-43

MAT 2034

(n,d) α

20-Ca-43

Cross Section -64.74 To 311.8 %

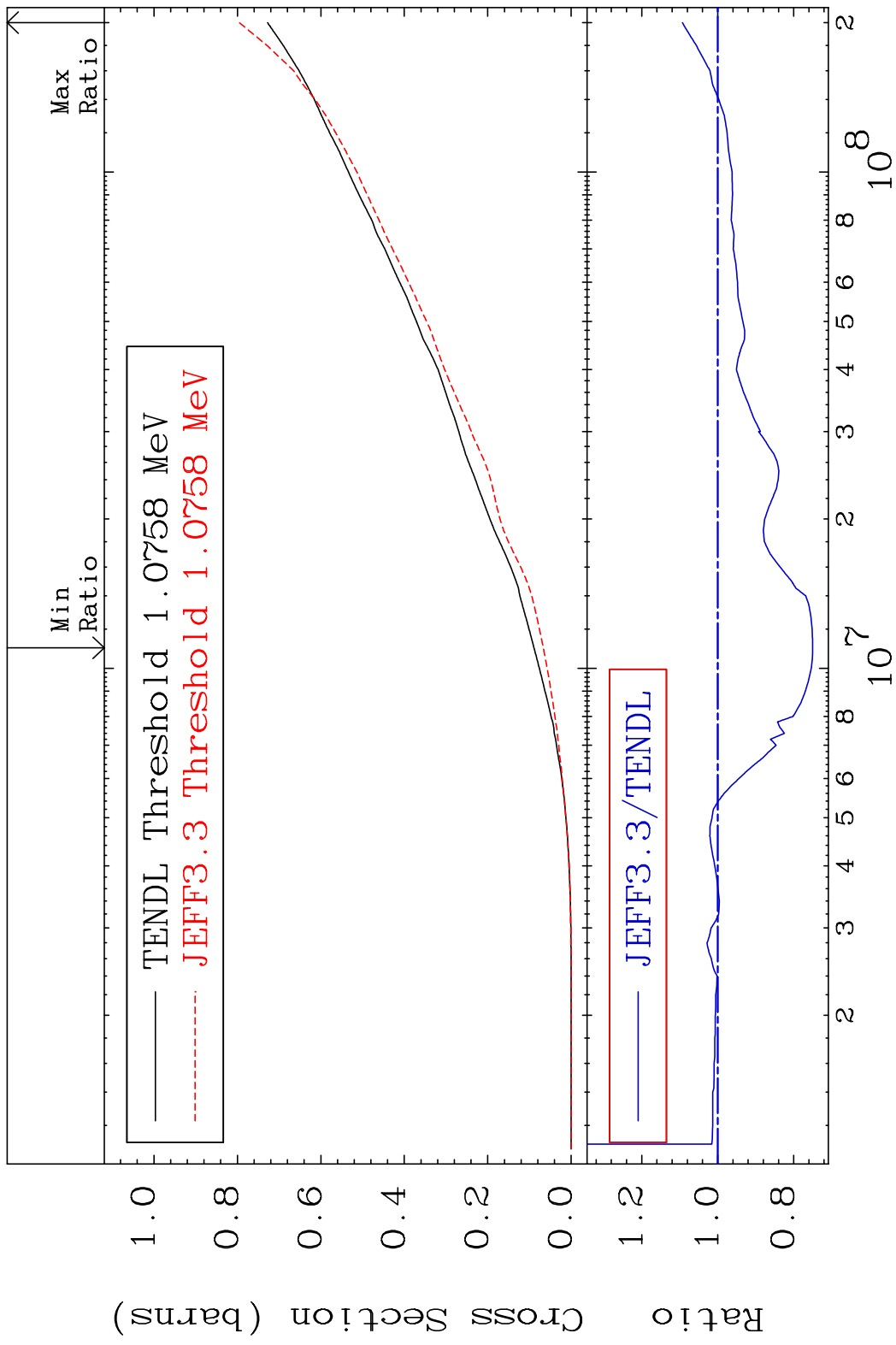


62

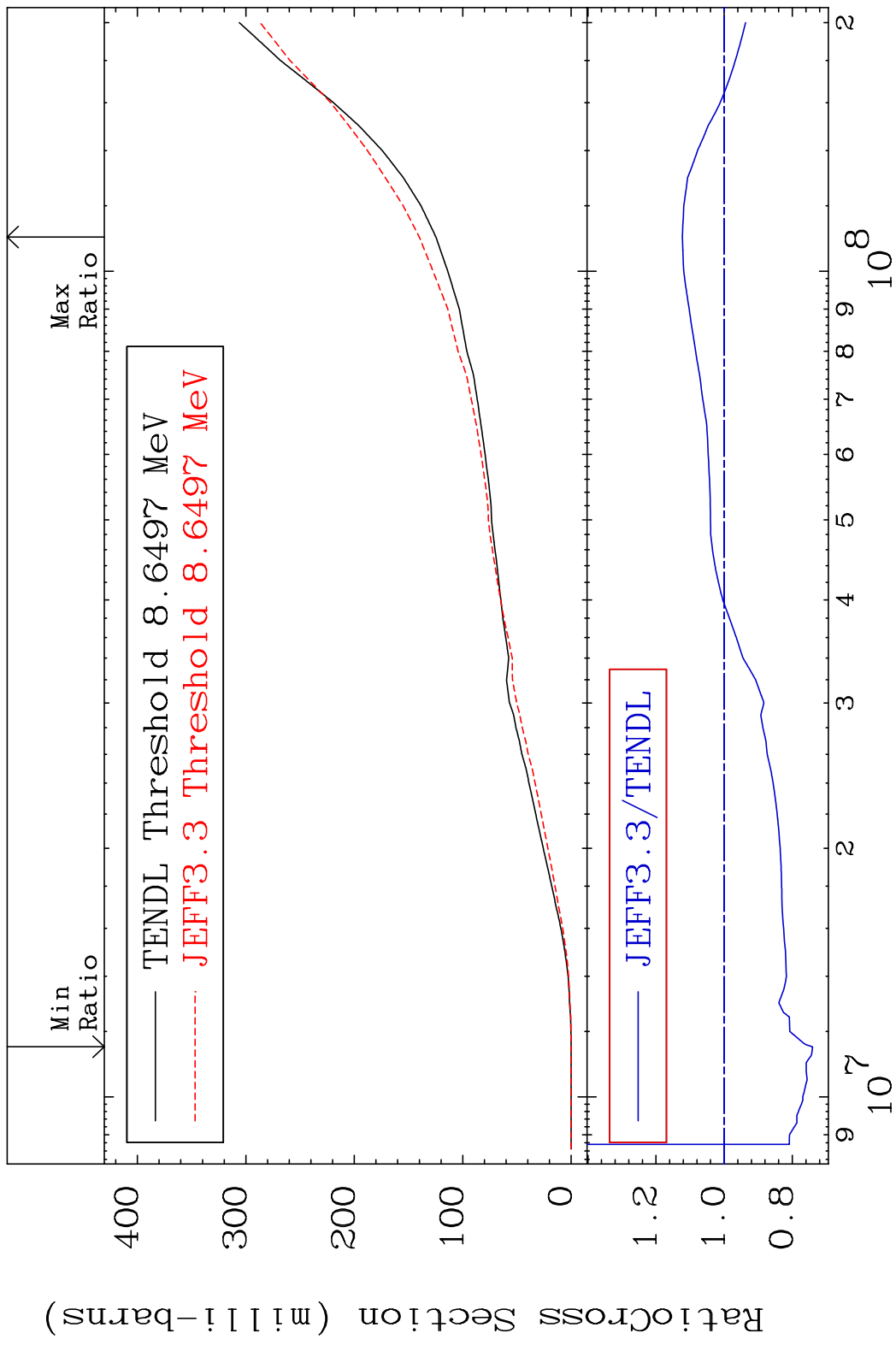
Incident Energy (eV)

20-Ca-43

MAT 2034 Hydrogen Production 20-Ca-43
 Cross Section -24.96 To 9.304 %



MAT 2034 Deuterium Production 20-Ca-43
 Cross Section -25.94 To 12.27 %



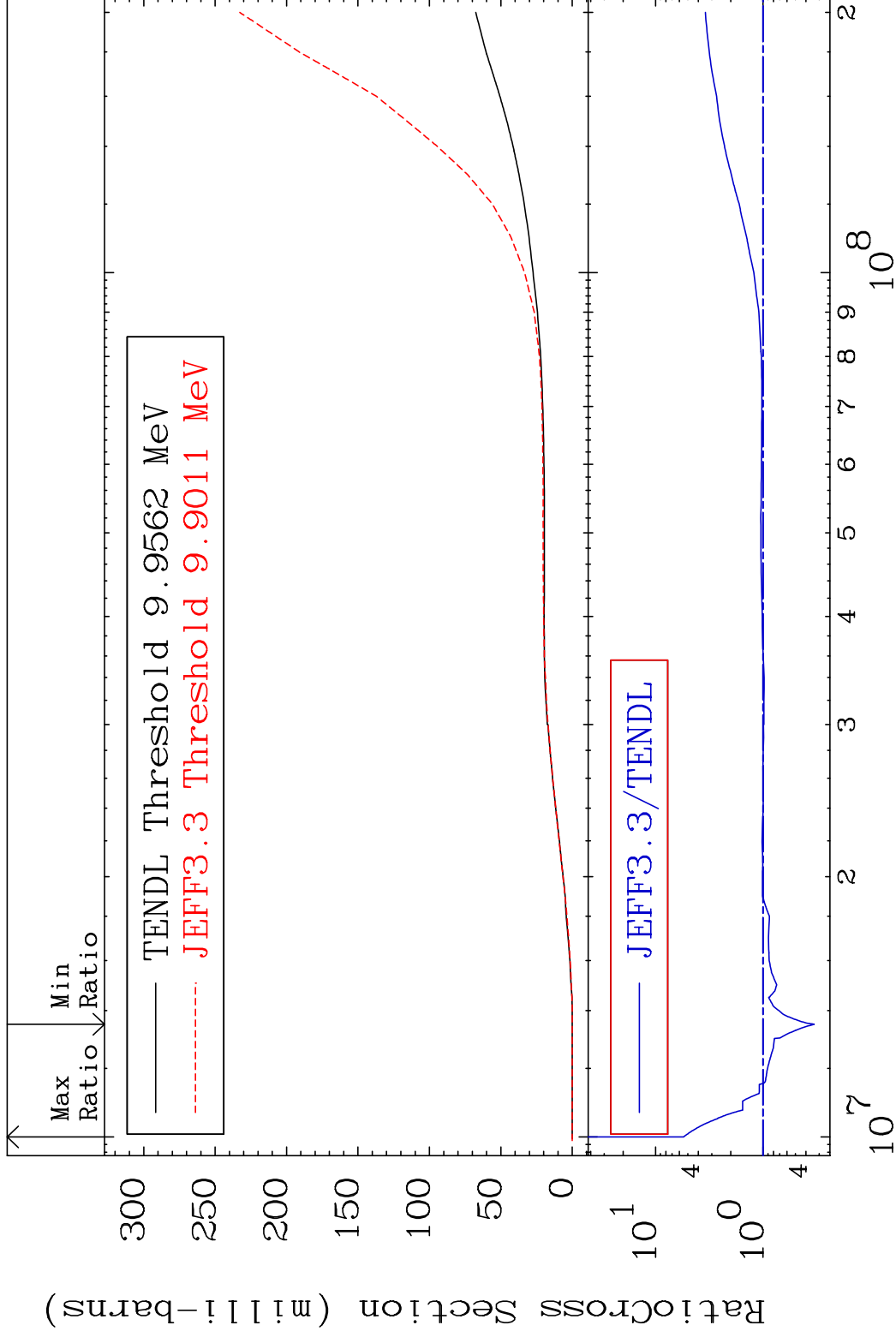
64 Incident Energy (eV) 20-Ca-43

MAT 2034

Tritium Production

20-Ca-43

Cross Section -66.50 To 447.0 %

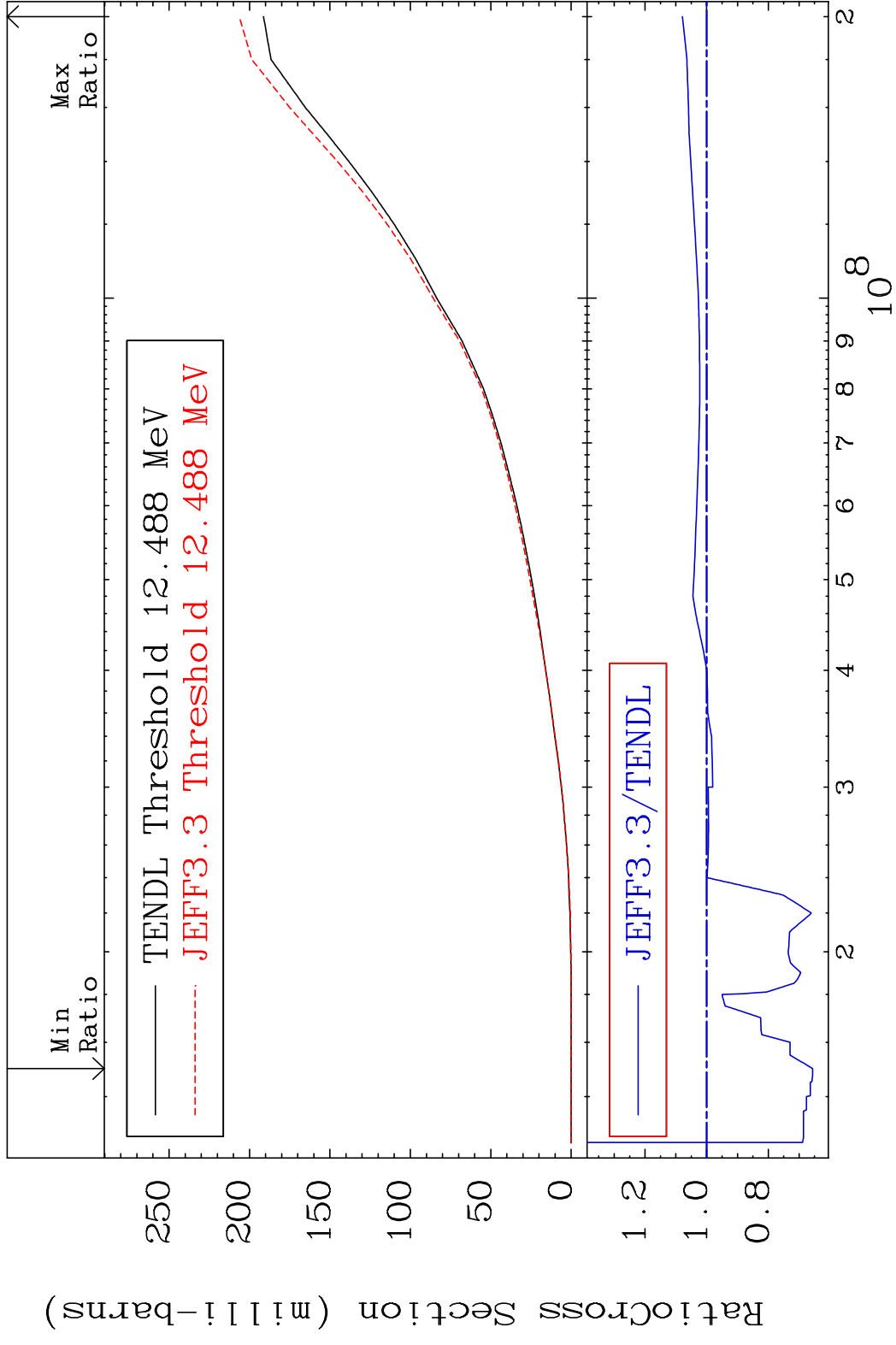


MAT 2034

He-3 Production

20-Ca-43

Cross Section -34.36 To 7.889 %

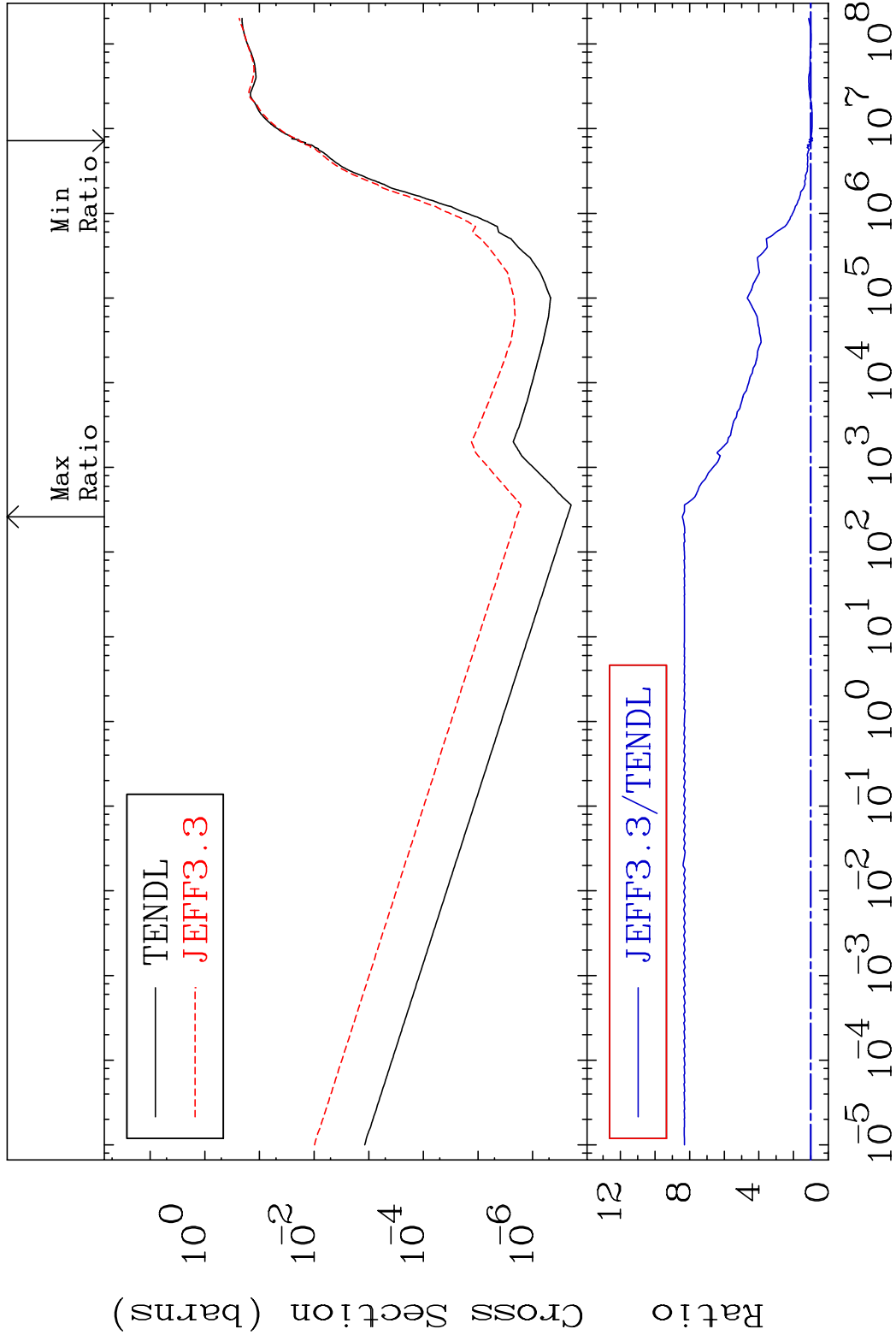


MAT 2034

He-4 Production

20-Ca-43

Cross Section -9.943 To 742.1 %

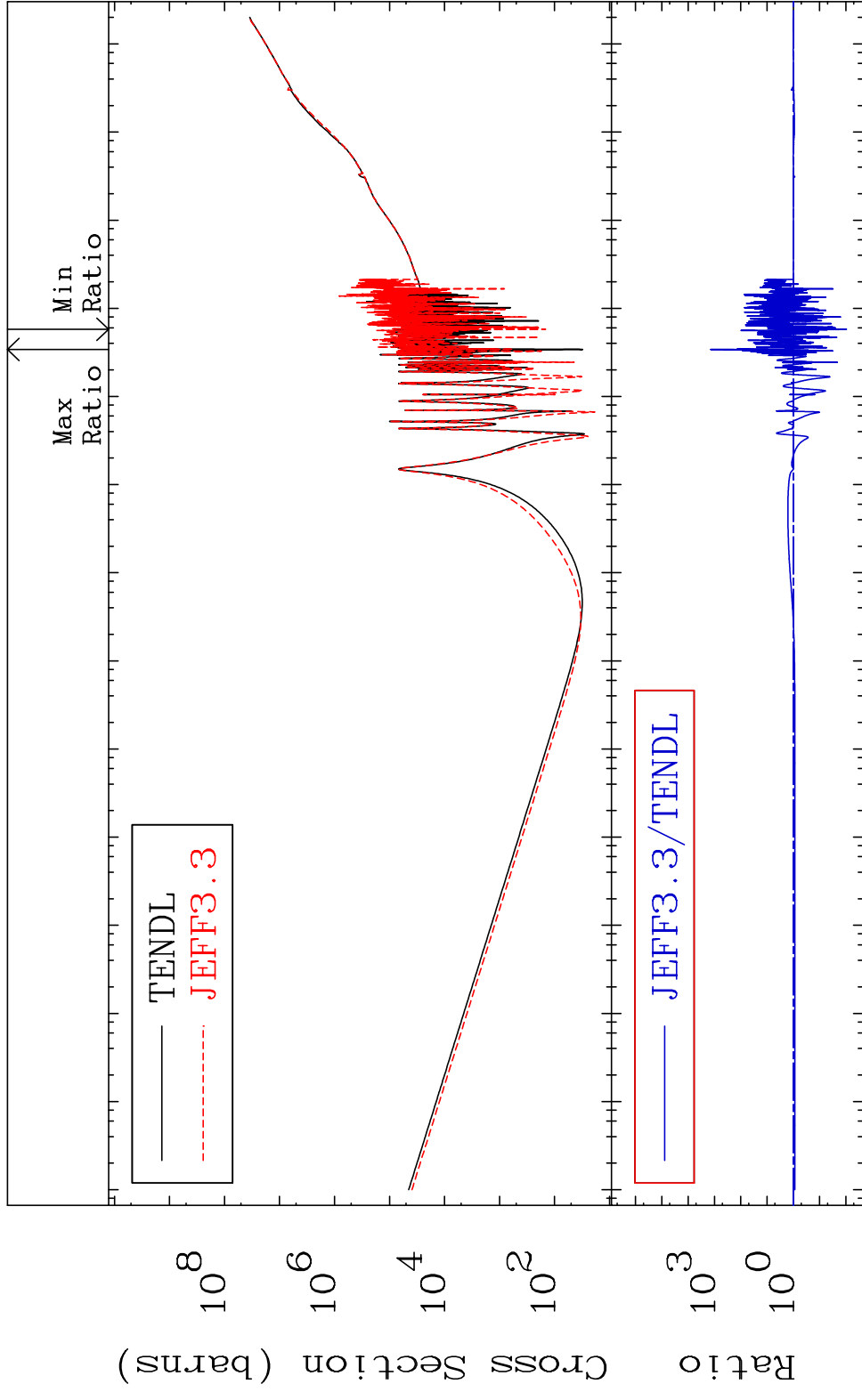


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Incident Energy (eV)

20-Ca-43

MAT 2034 Kerma total (eV-barns) 20-Ca-43
 Cross Section -99.03 To 9999. %

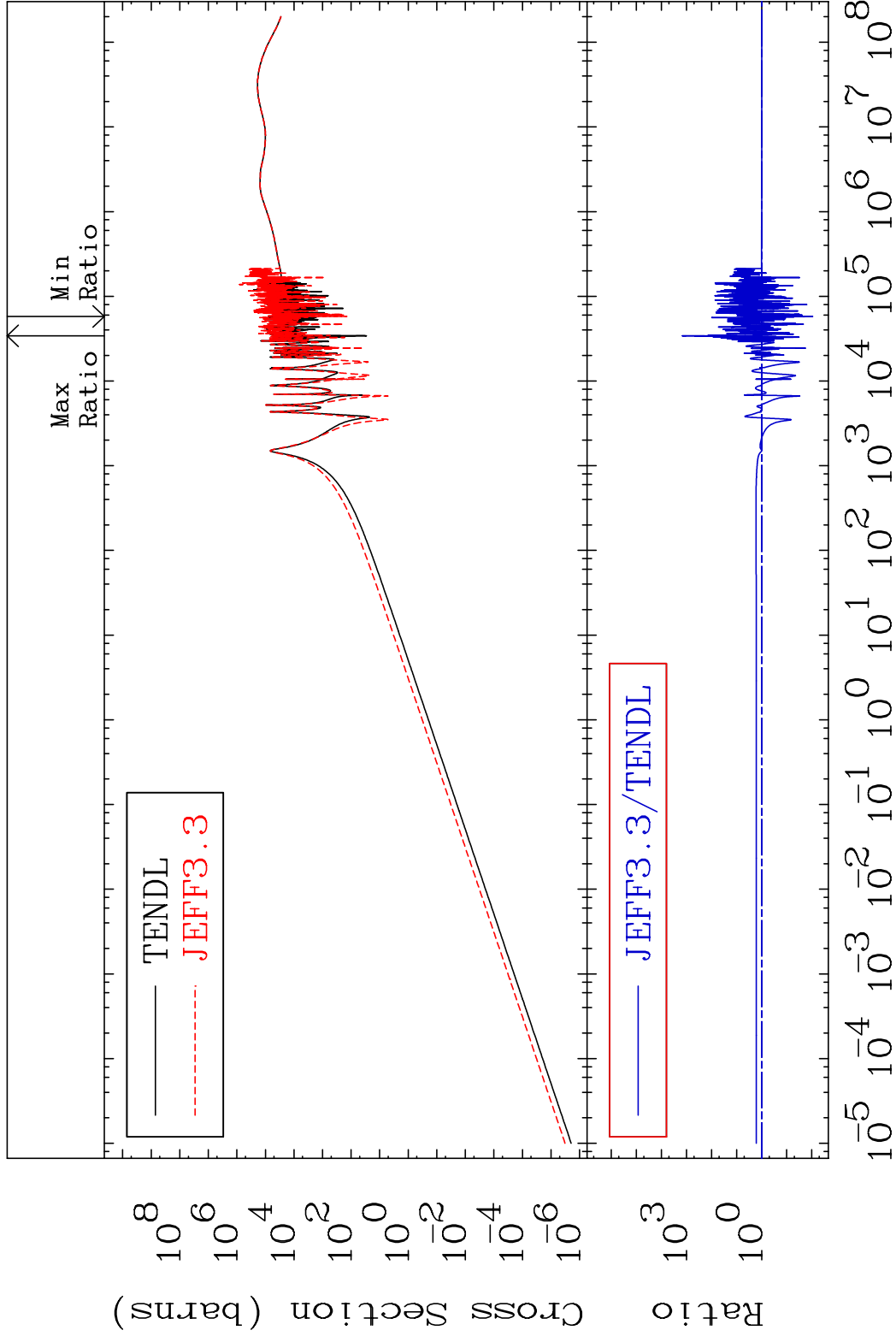


68 Incident Energy (eV) 20-Ca-43

MAT 2034

Kerma elastic
Cross Section

20-Ca-43
-99.07 To 9999. %

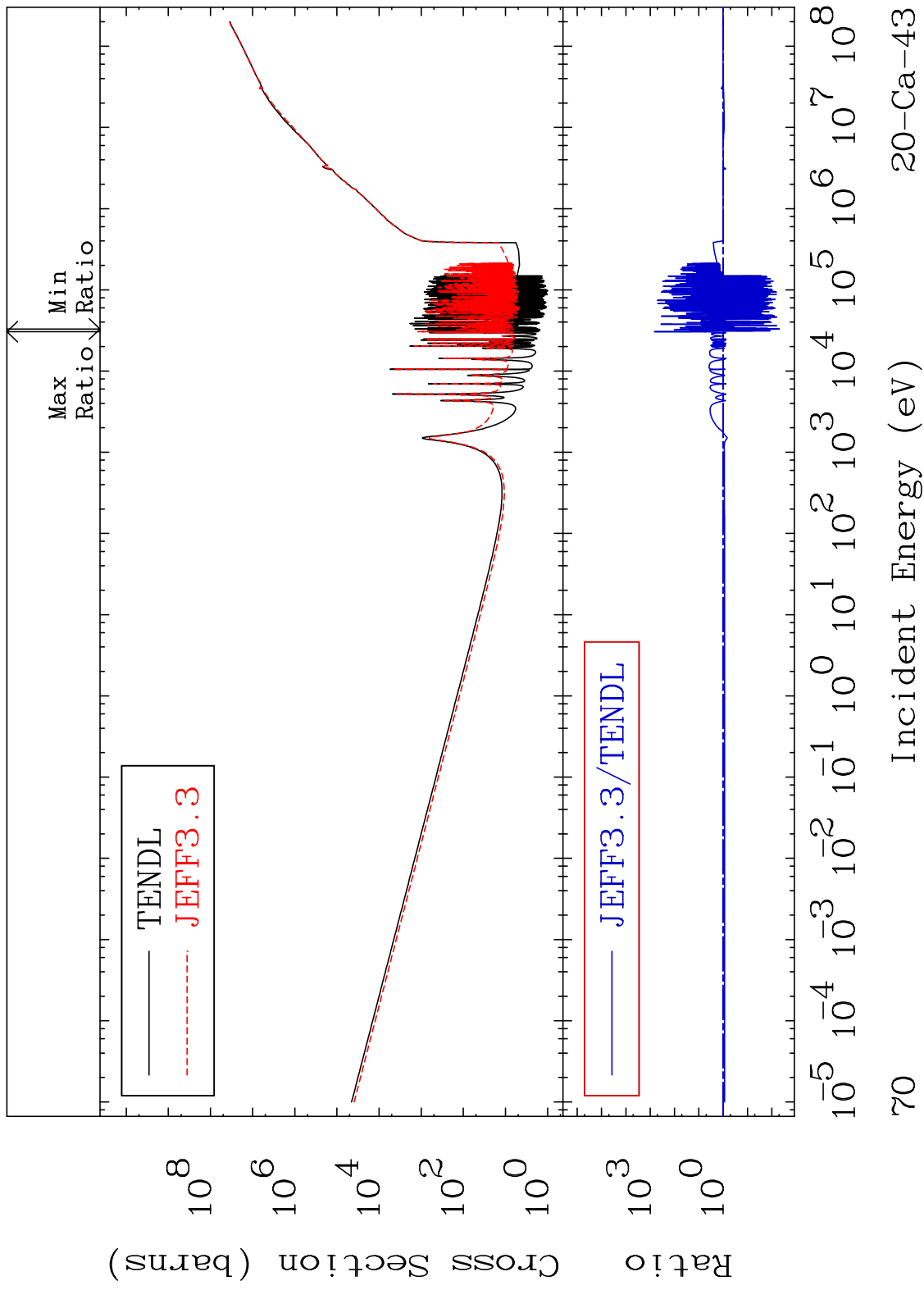


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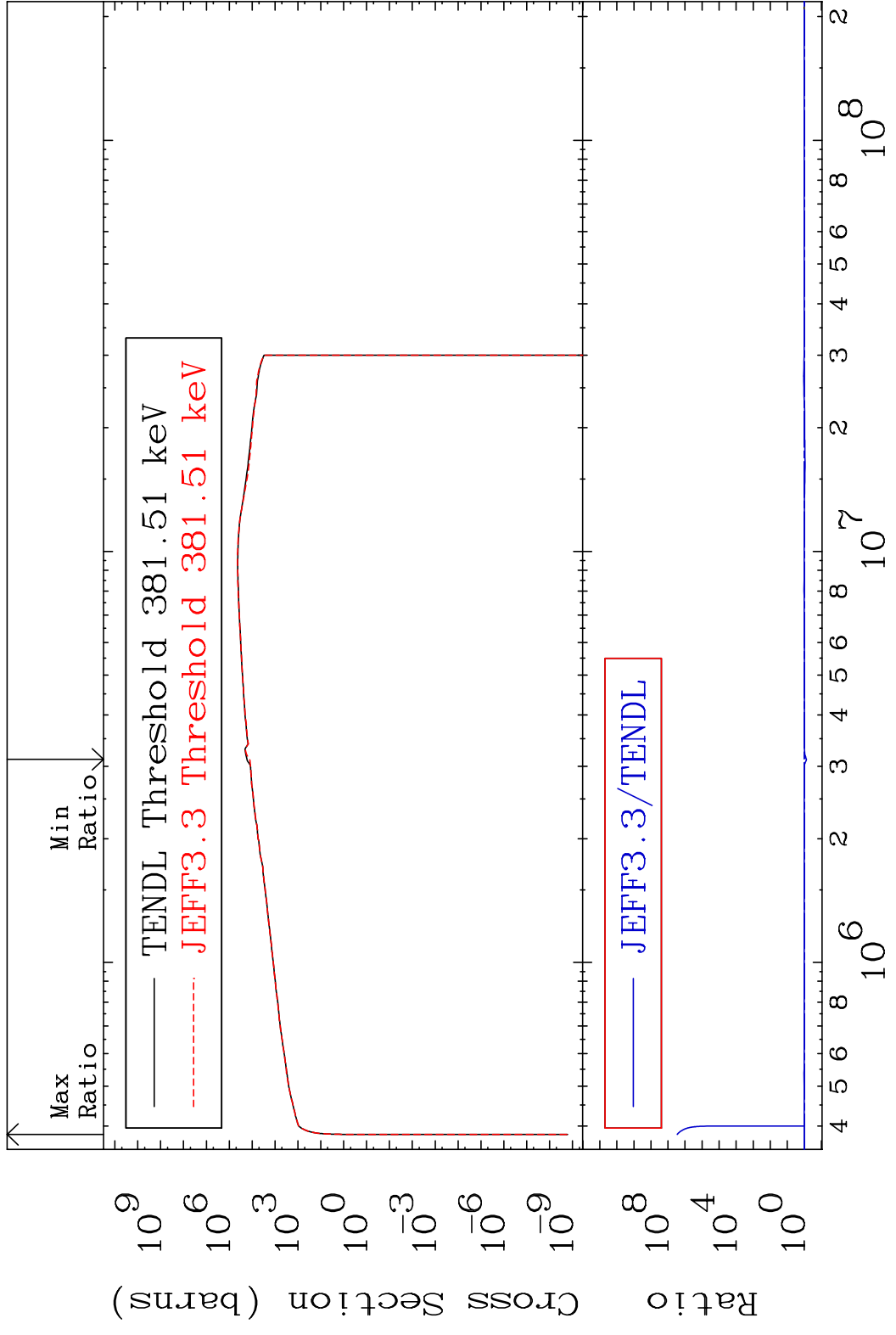
Incident Energy (eV)

20-Ca-43

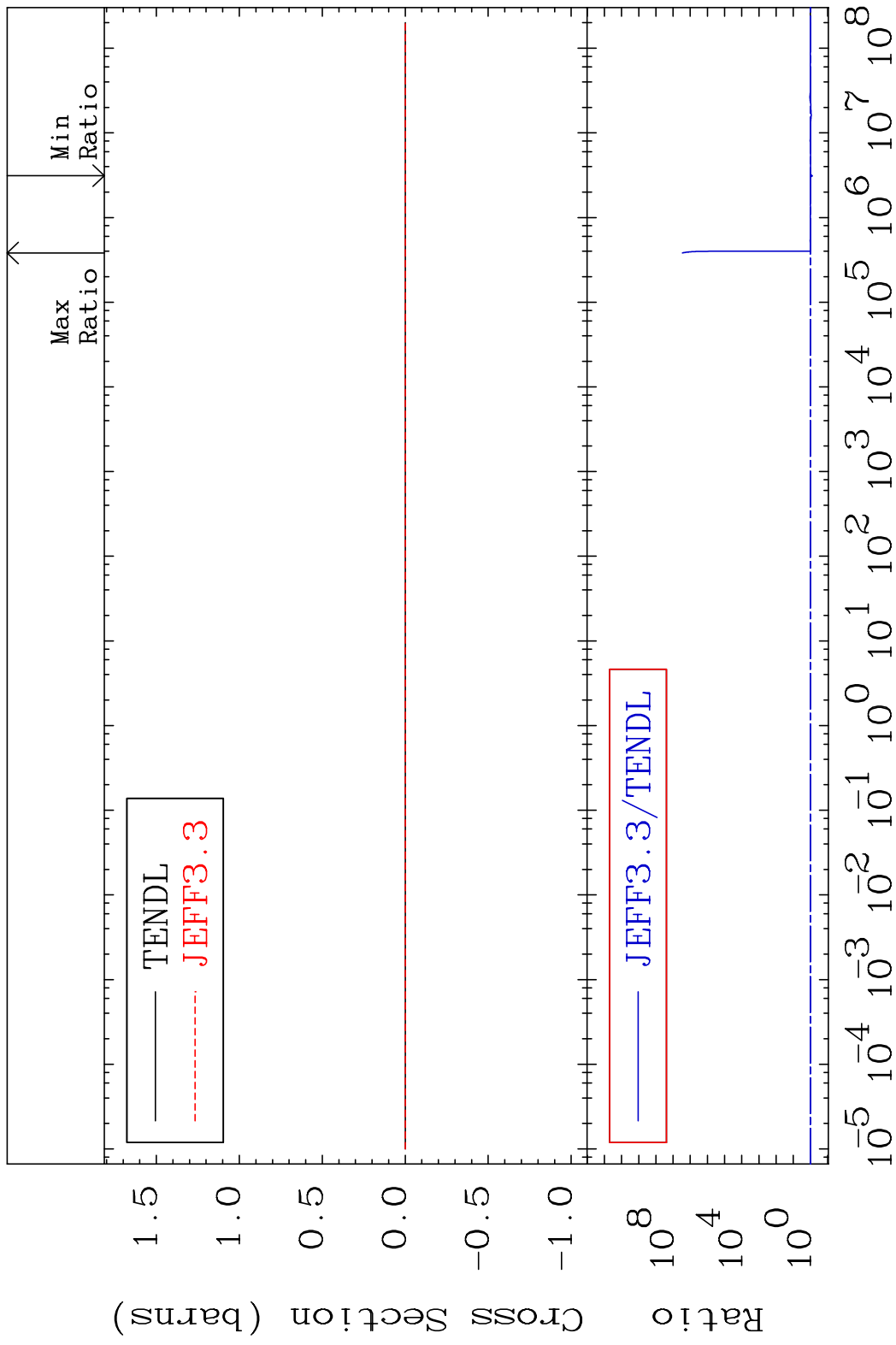
MAT 2034 Kerma non-elastic (all but mt2) 20-Ca-43
Cross Section -99.50 To 9999. %



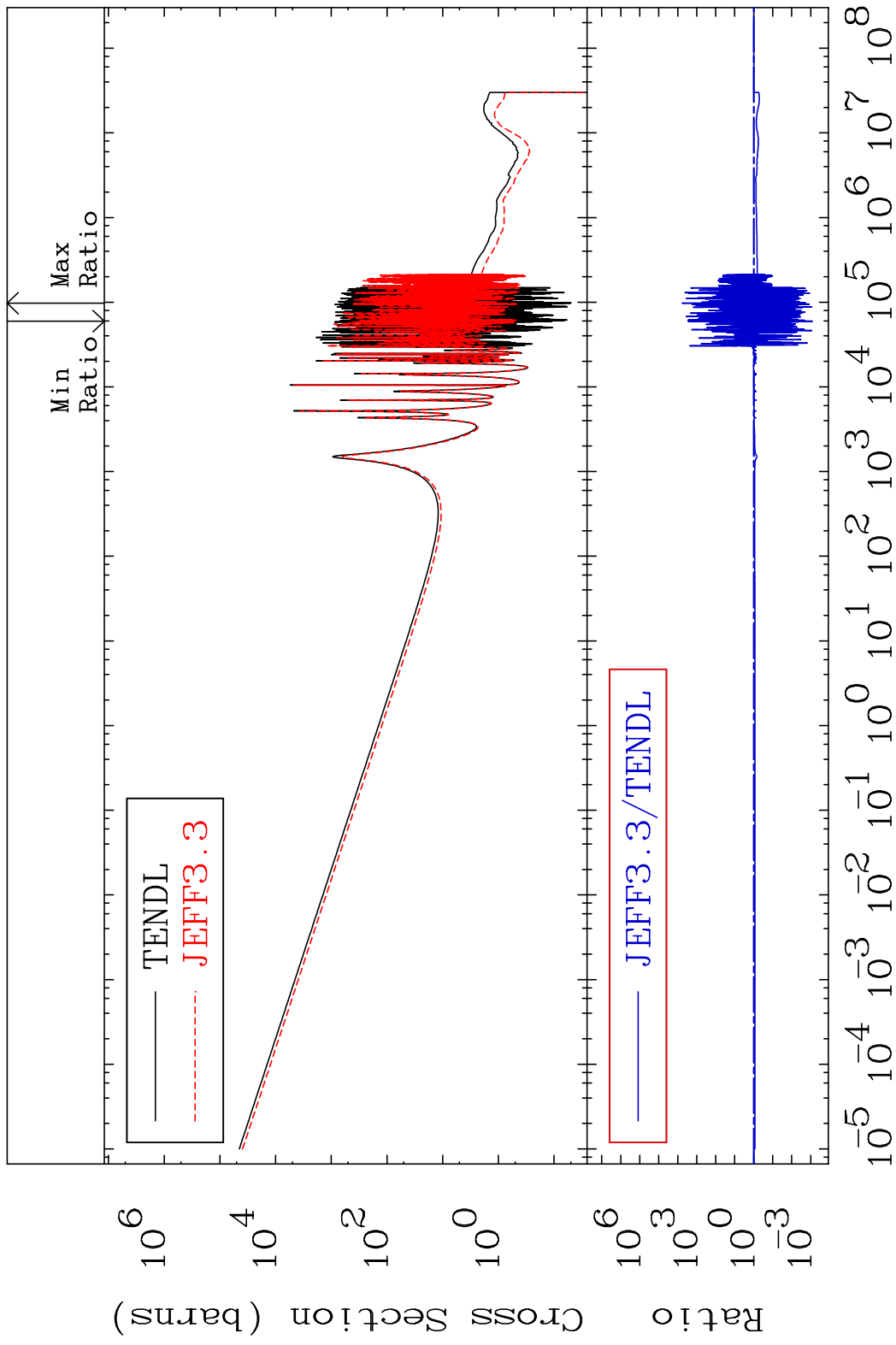
MAT 2034 Kerma inelastic (mt51-91) 20-Ca-43
 Cross Section -24.92 To 9999. %



MAT 2034 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-43
 Cross Section -24.92 To 9999. %

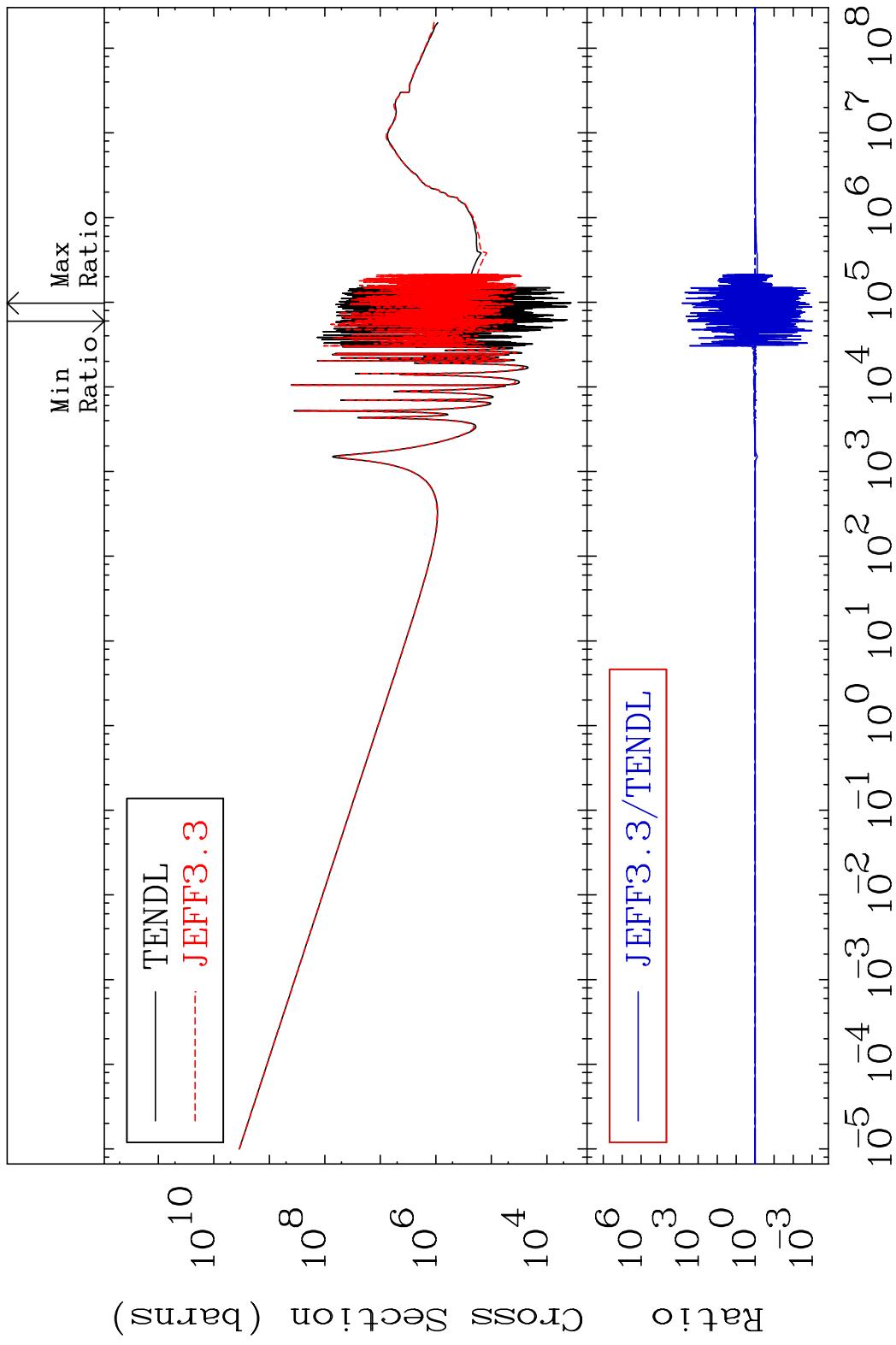


MAT 2034 Kerma capture (mt102) 20-Ca-43
Cross Section -99.92 To 9999. %

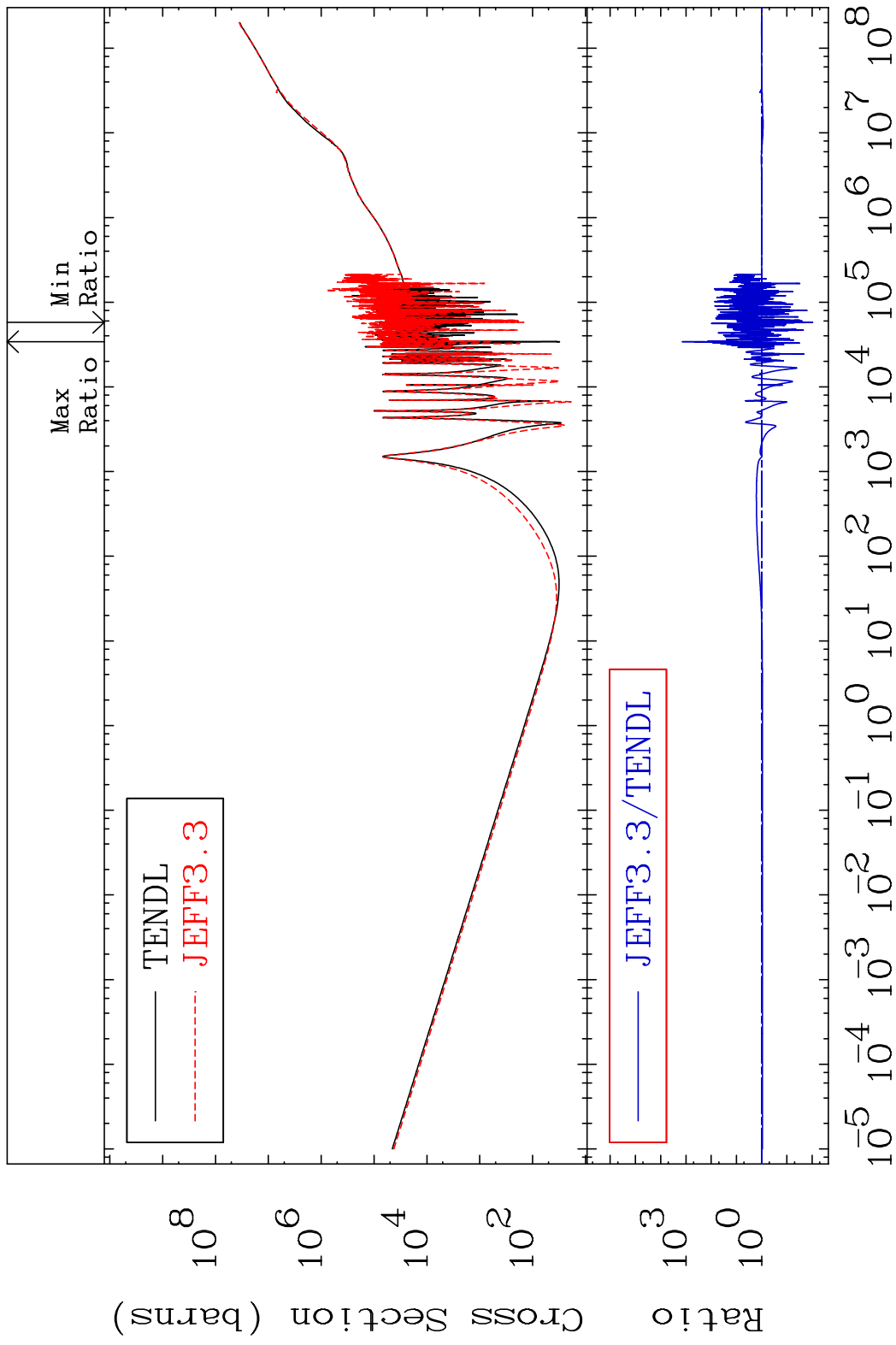


73 Incident Energy (eV) 20-Ca-43

MAT 2034 Total photon (eV-barns) 20-Ca-43
 Cross Section -99.90 To 9999. %



MAT 2034 Total kinematic kerma (high limit) 20-Ca-43
Cross Section -99.03 To 9999. %



75 Incident Energy (eV) 20-Ca-43

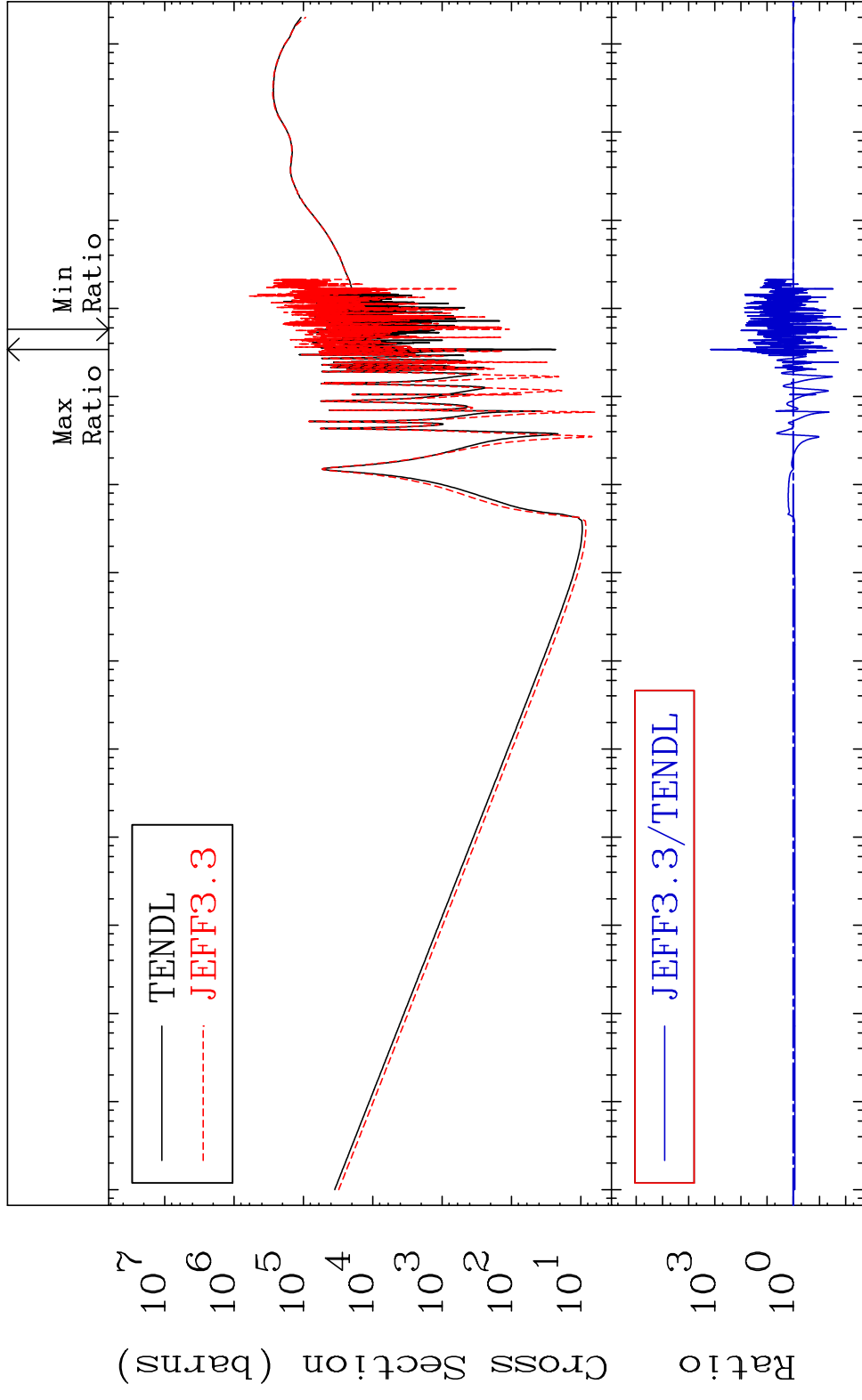
MAT 2034

Dpa total (eV-barns)

20-Ca-43

Cross Section

-99.06 To 9999. %



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Incident Energy (eV)

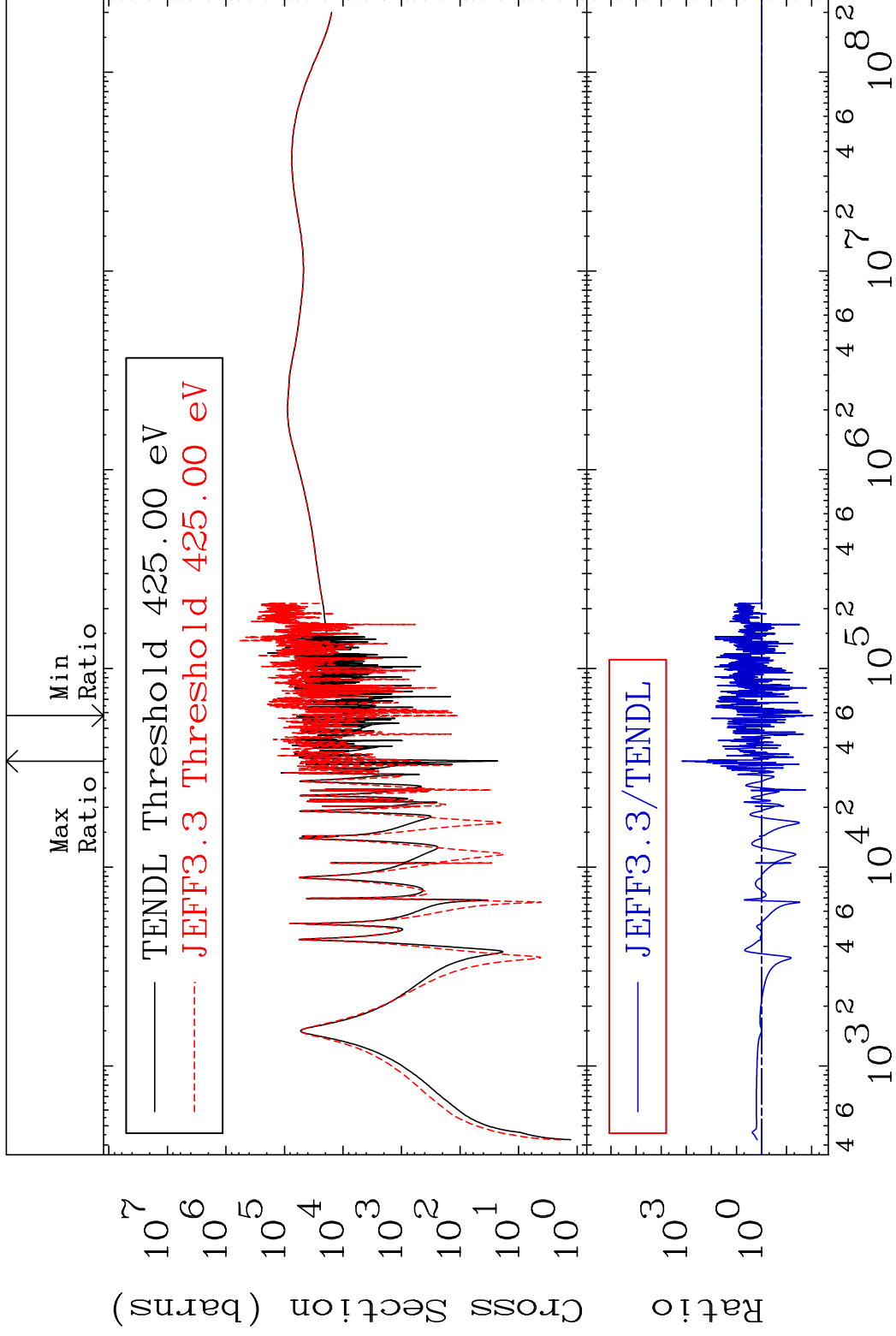
20-Ca-43

MAT 2034

Dpa elastic (mt2)

20-Ca-43

Cross Section -99.07 To 9999. %

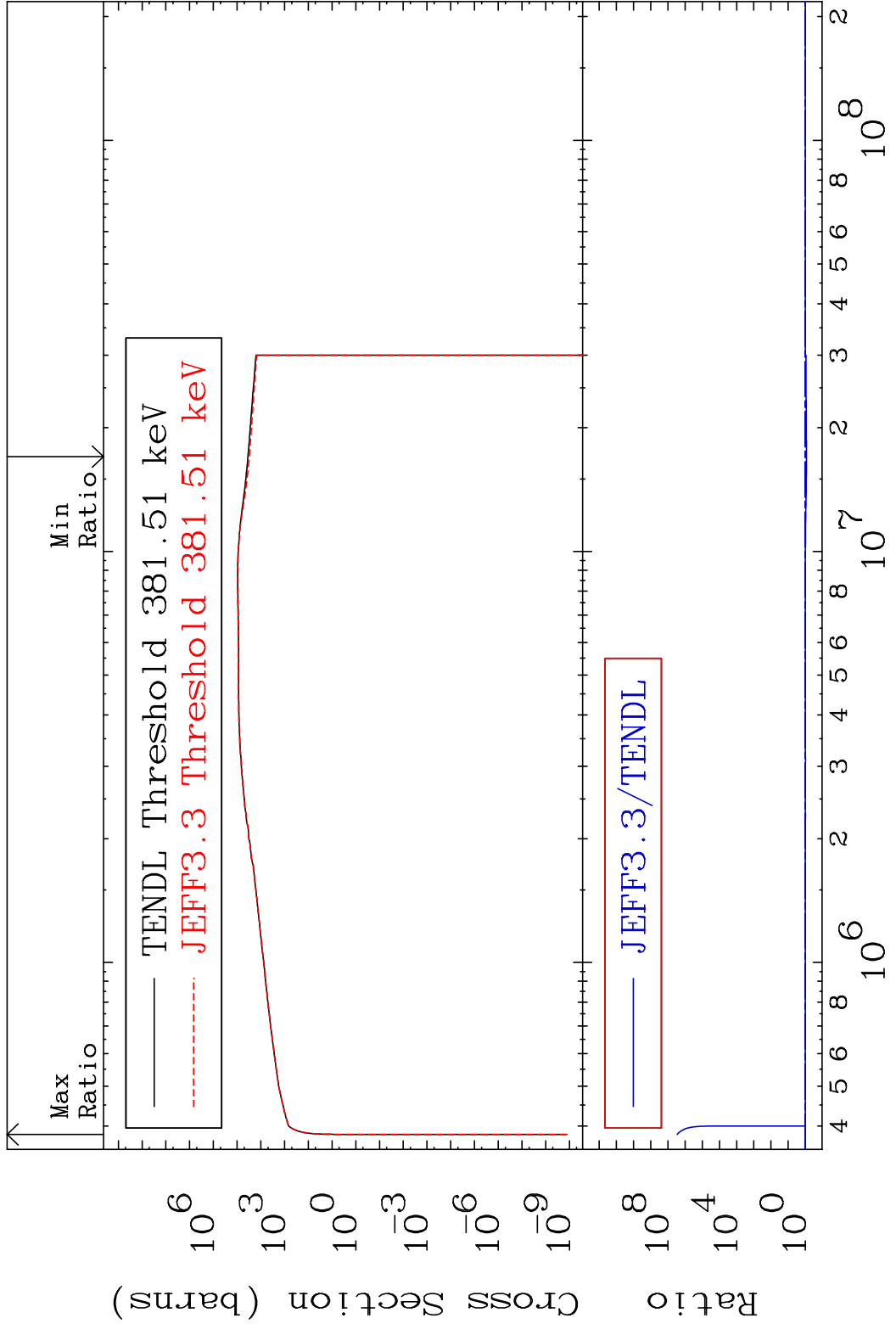


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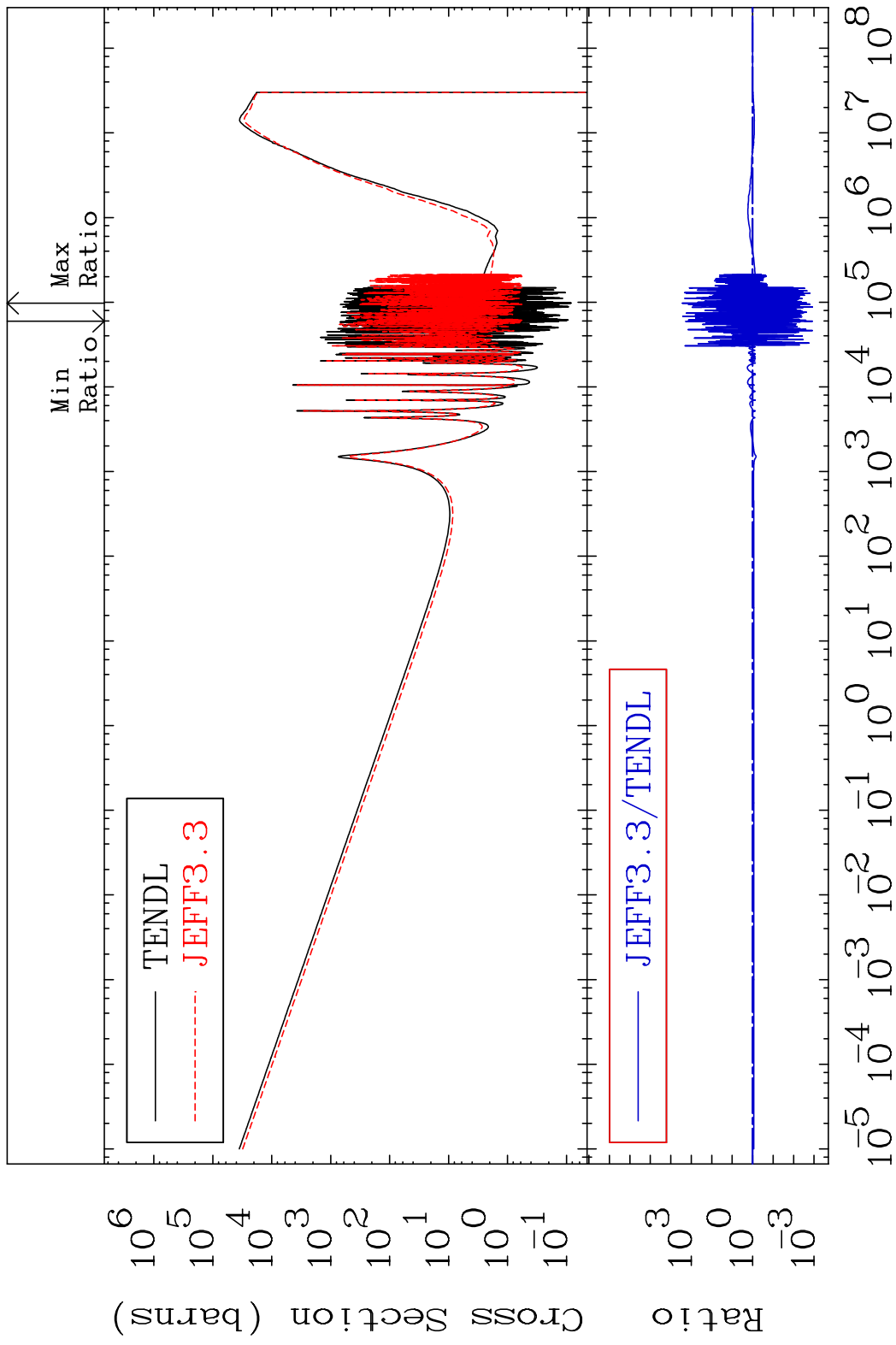
Incident Energy (eV)

20-Ca-43

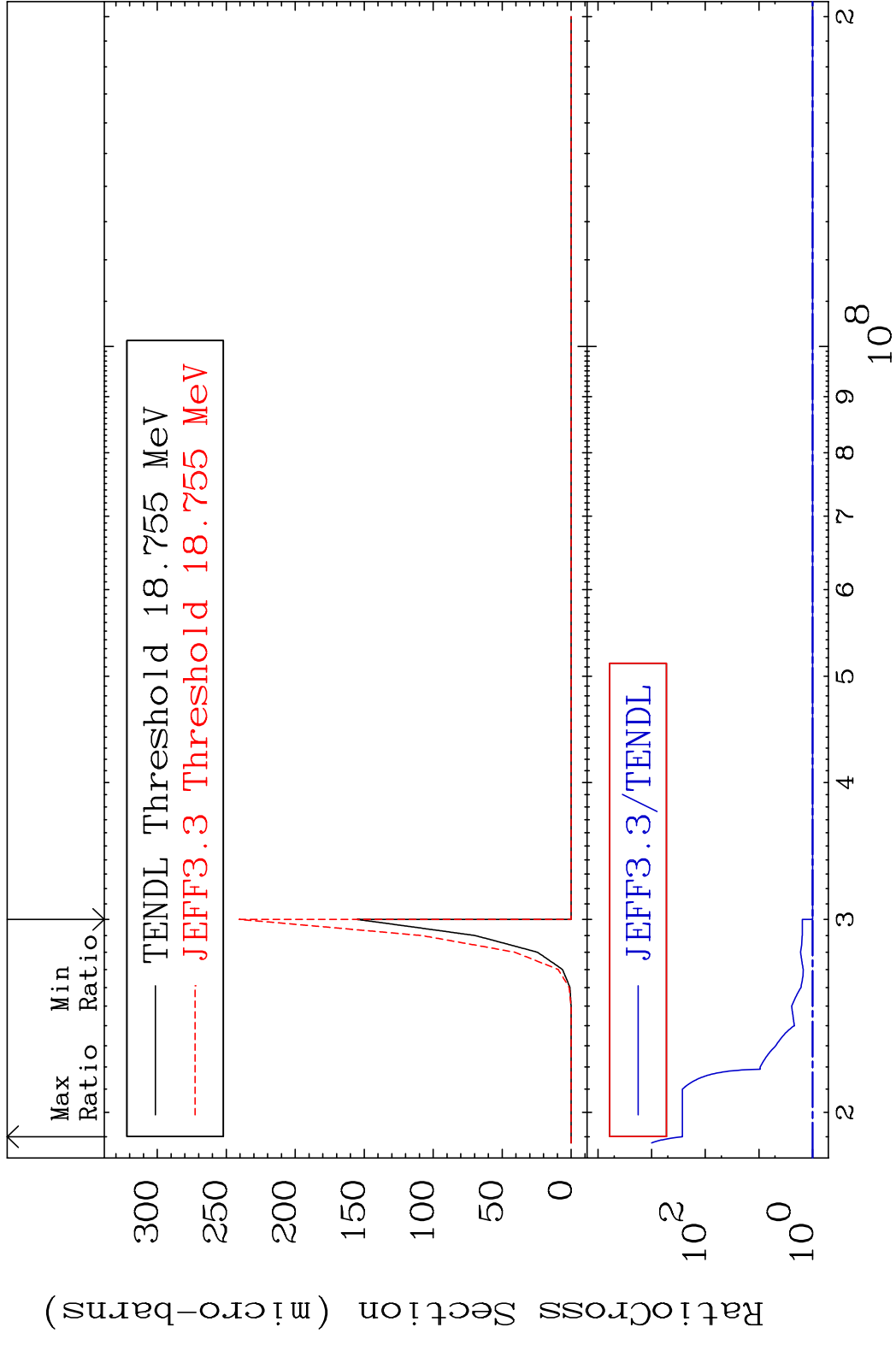
MAT 2034 Dpa inelastic (mt51-91) 20-Ca-43
 Cross Section -12.32 To 9999. %



MAT 2034 Dpa disappearance (mt102 -120) 20-Ca-43
 Cross Section -99.88 To 9999. %



79 Incident Energy (eV) 20-Ca-43



MAT 2034 (n, n') p α : 17-C1-38m1 20-Ca-43
 Radionuclide Production Cross Section 9999. %

