

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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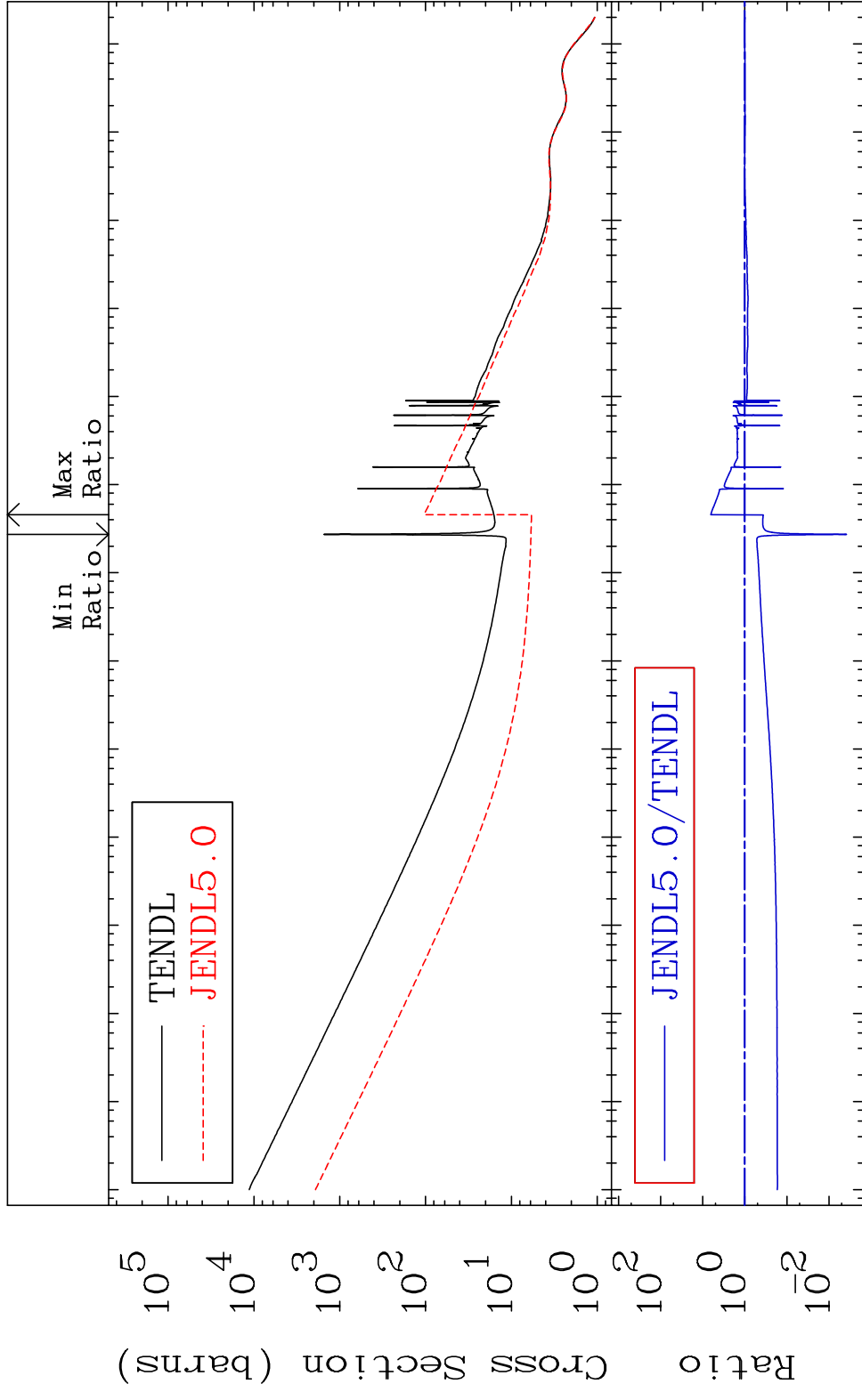
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2716

Total Cross Section -99.61 To 546.8 %

27-Co-56



1

Incident Energy (eV)

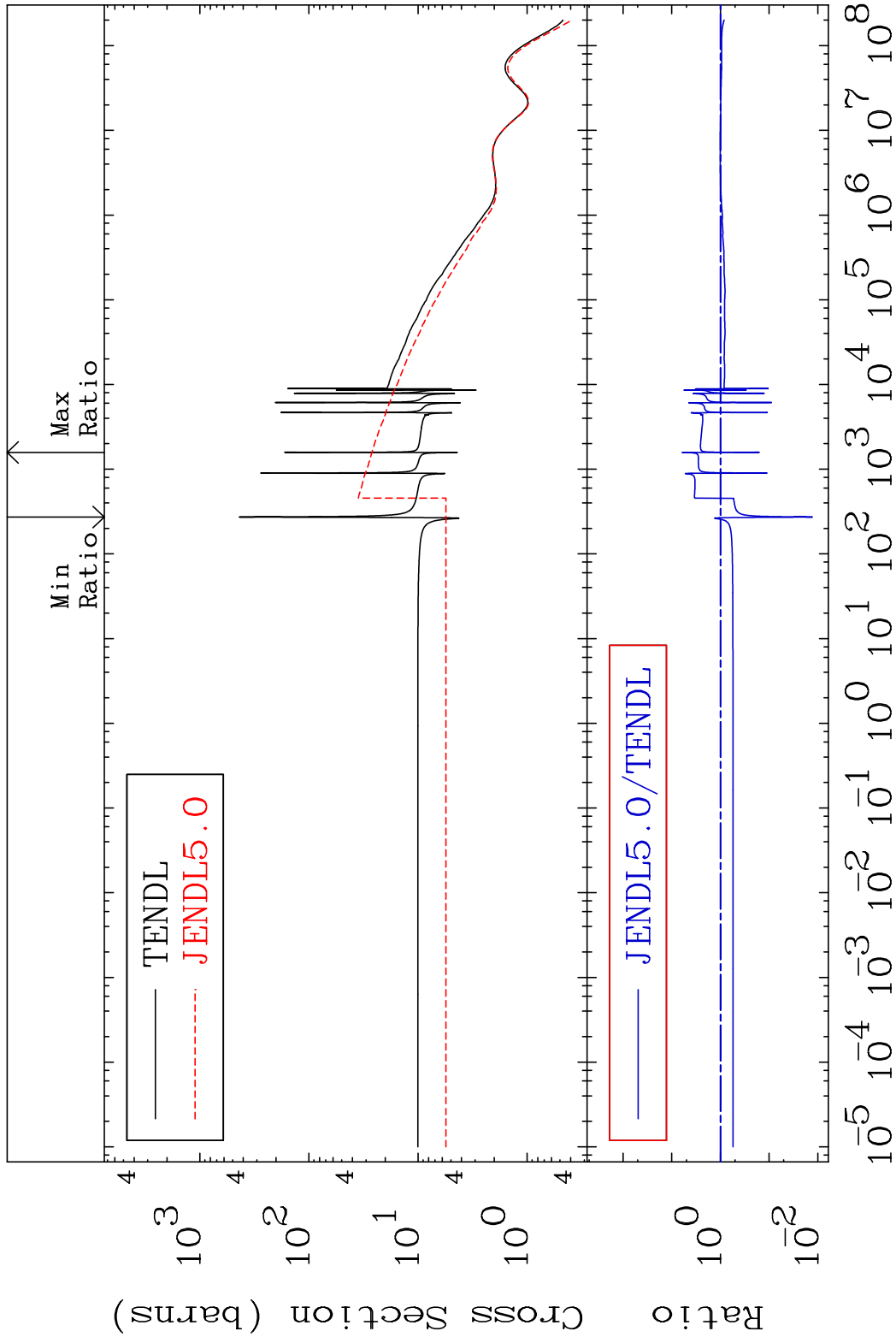
27-Co-56

MAT 2716

Elastic

27-Co-56

Cross Section -98.72 To 505.0 %

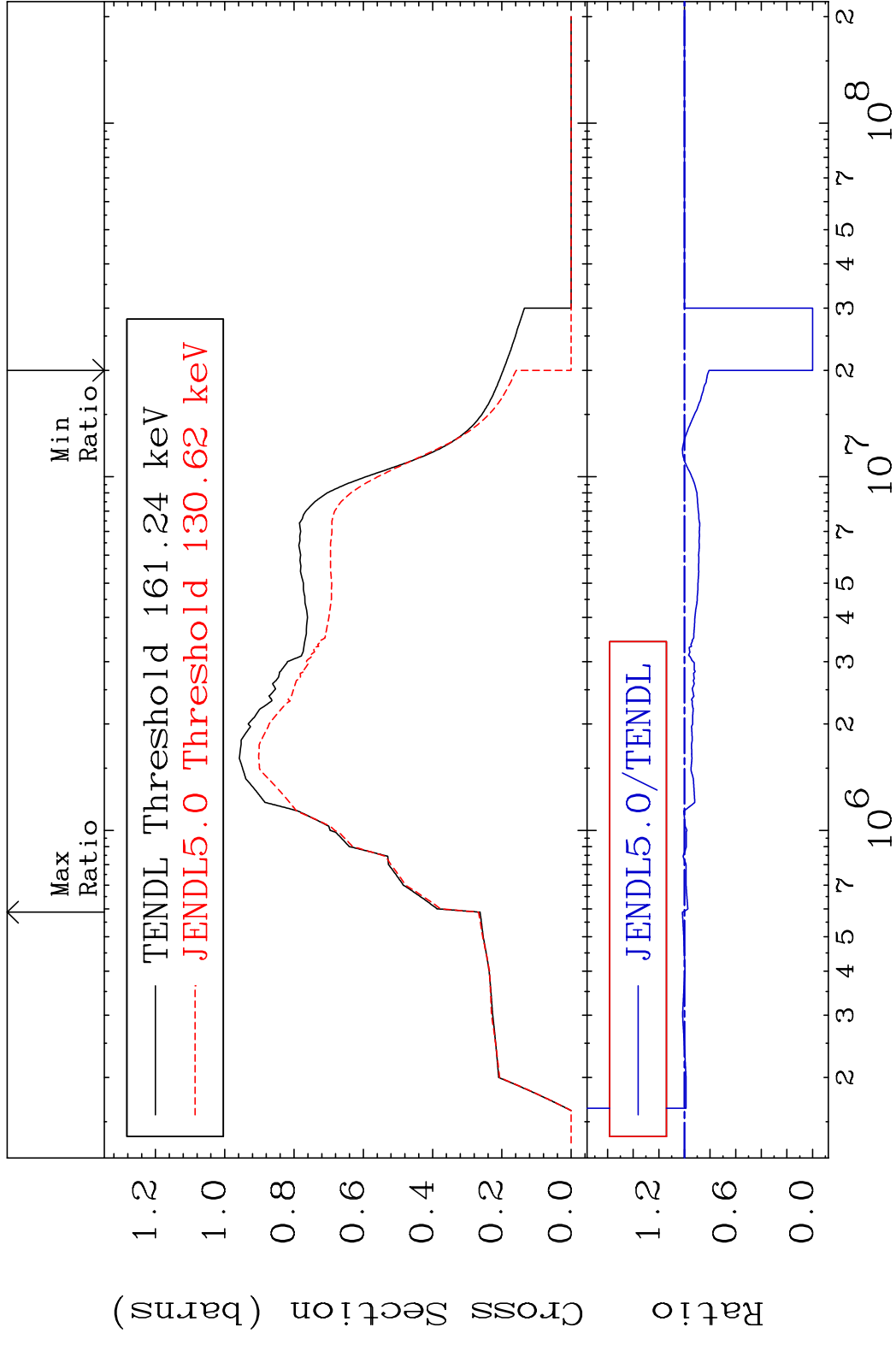


2

Incident Energy (eV)

27-Co-56

MAT 2716 Inelastic 27-Co-56
 Cross Section -100.0 To 1.633 %



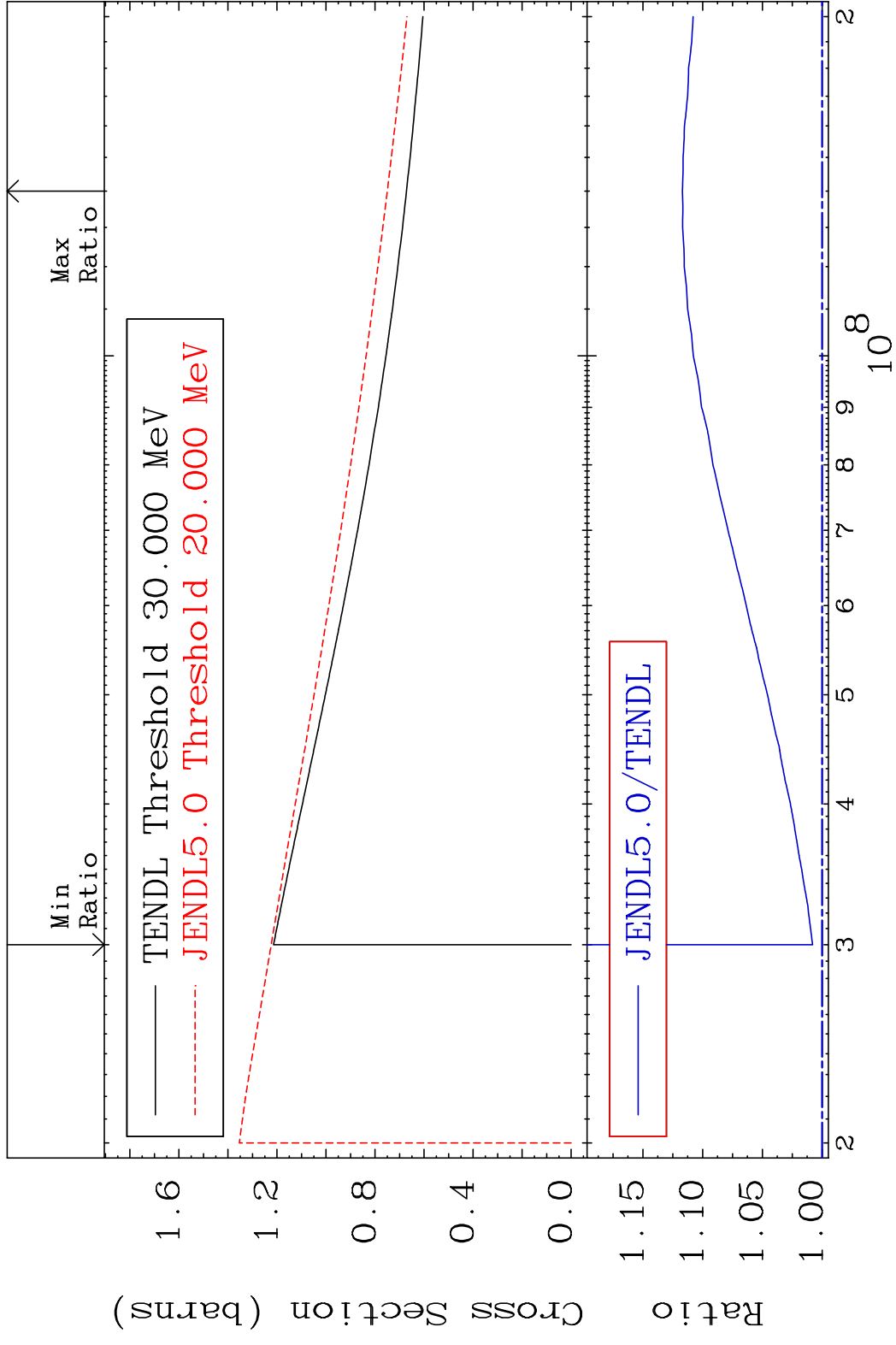
MAT 2716

(n, remainder)

27-Co-56

Cross Section 0.797

To 11.70 %



4

Incident Energy (eV)

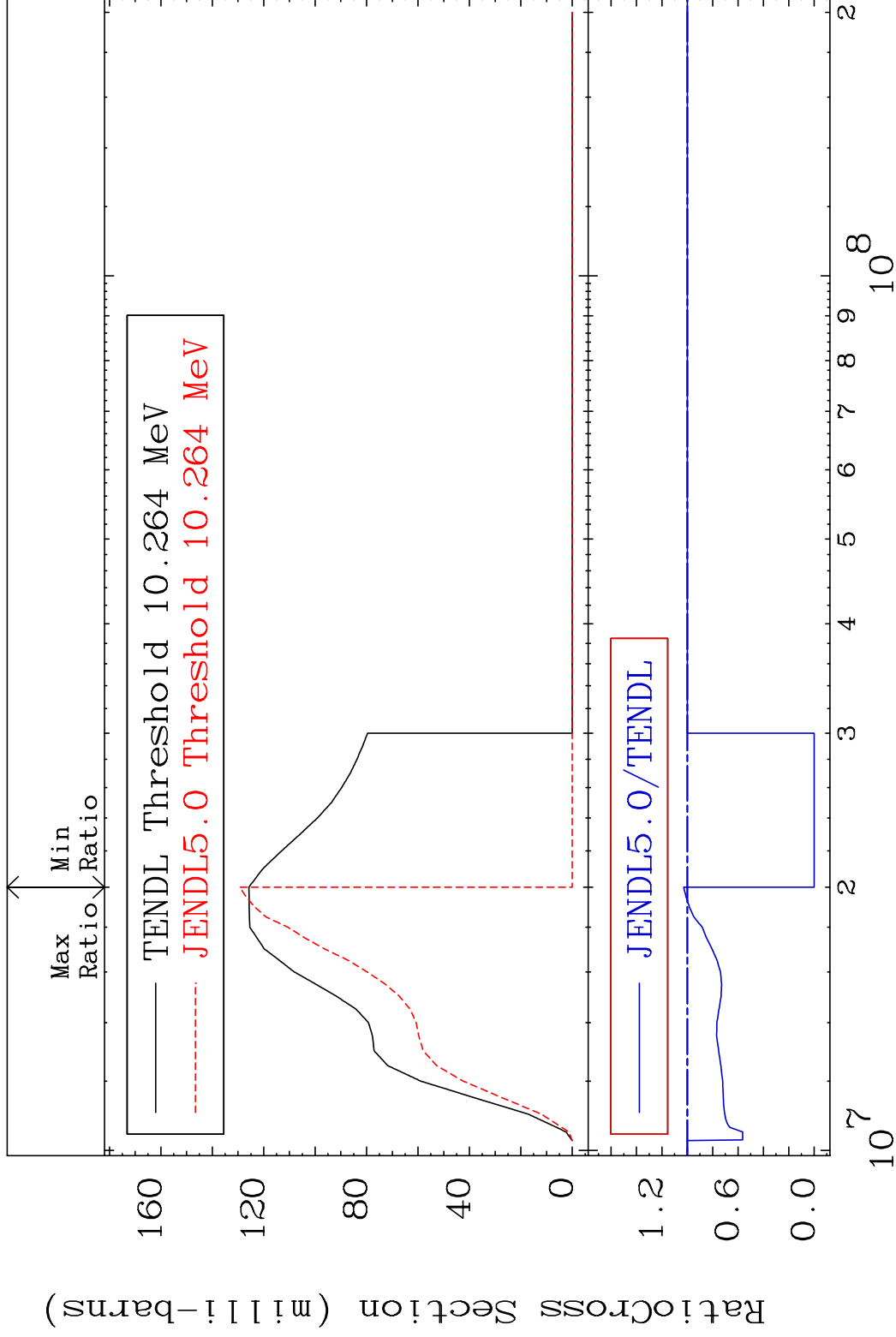
27-Co-56

MAT 2716

(n,2n)

27-Co-56

Cross Section -100.0 To 2.832 %



5

Incident Energy (eV)

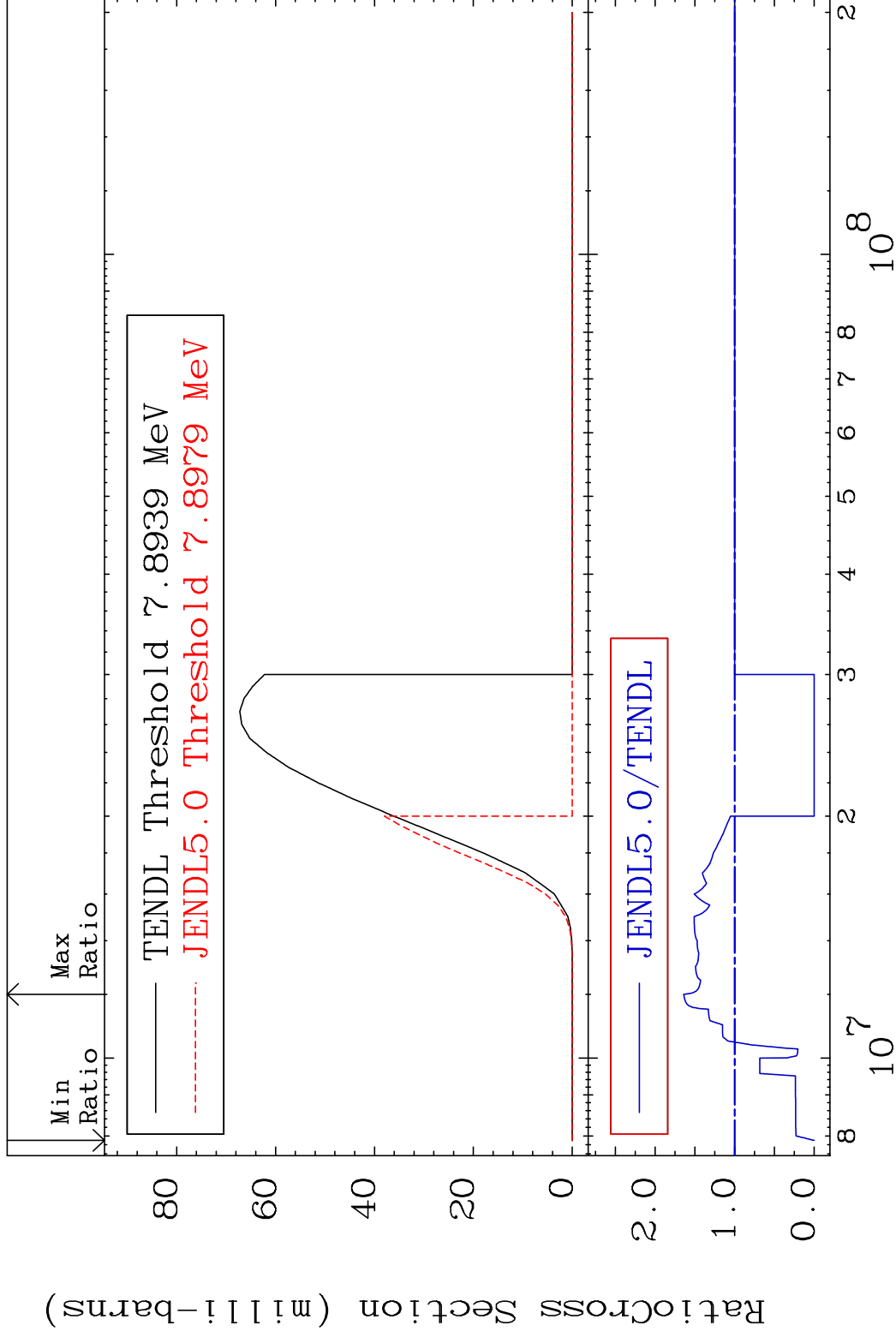
27-Co-56

MAT 2716

(n, n') α

27-Co-56

Cross Section -100.0 To 64.07 %



6

Incident Energy (eV)

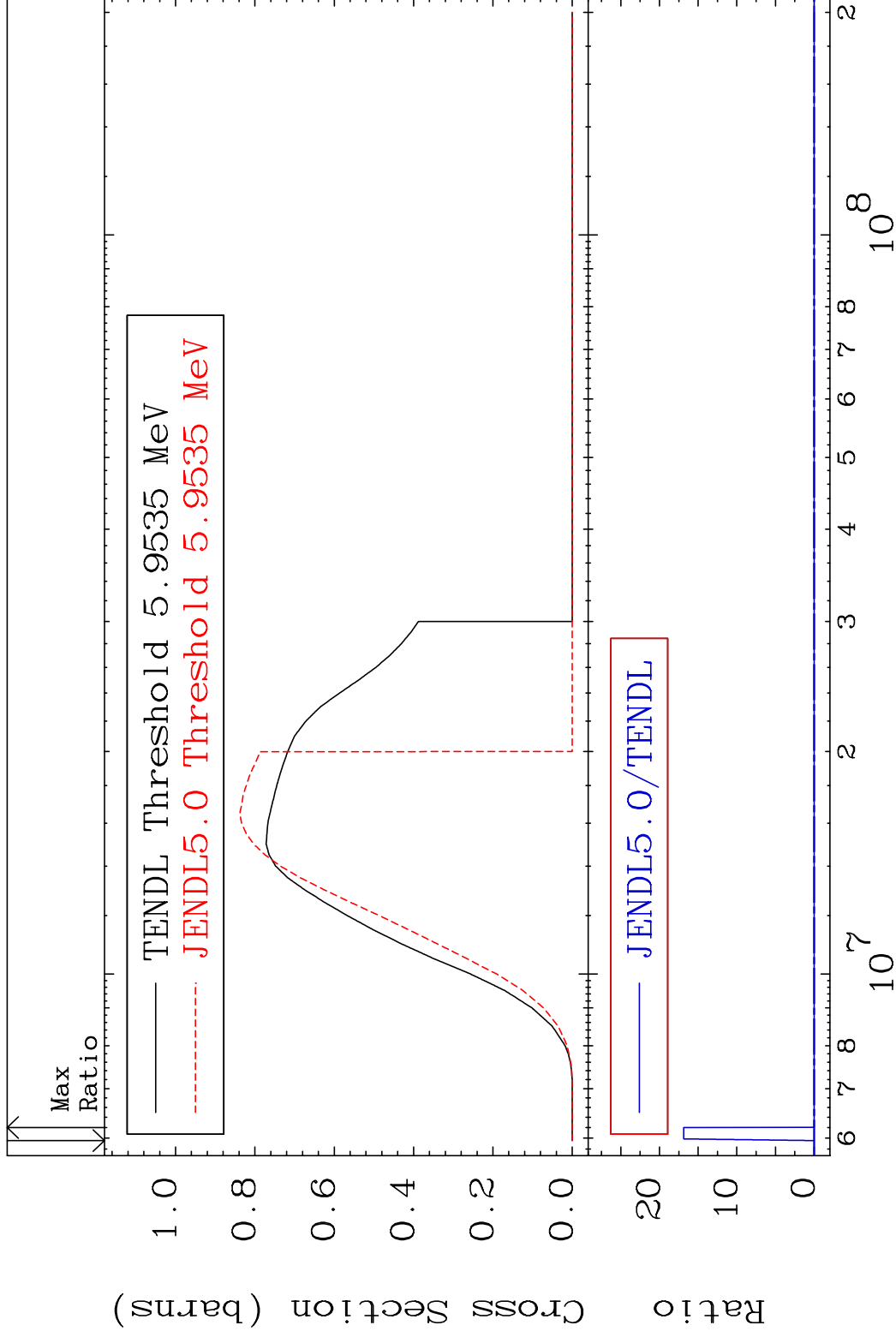
27-Co-56

MAT 2716

(n, n') p

27-Co-56

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

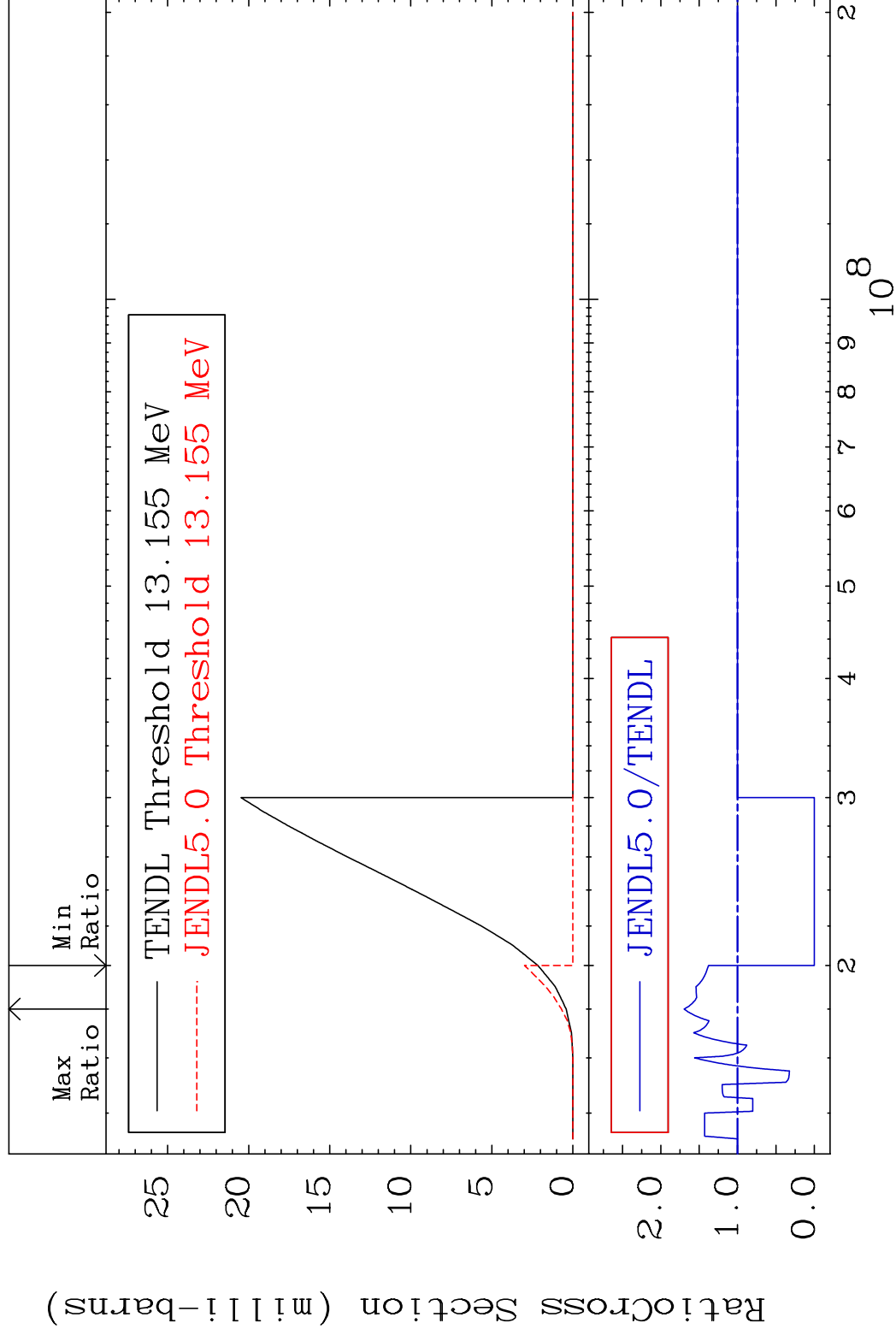
27-Co-56

MAT 2716

(n, n') d

27-Co-56

Cross Section -100.0 To 69.70 %



8

Incident Energy (eV)

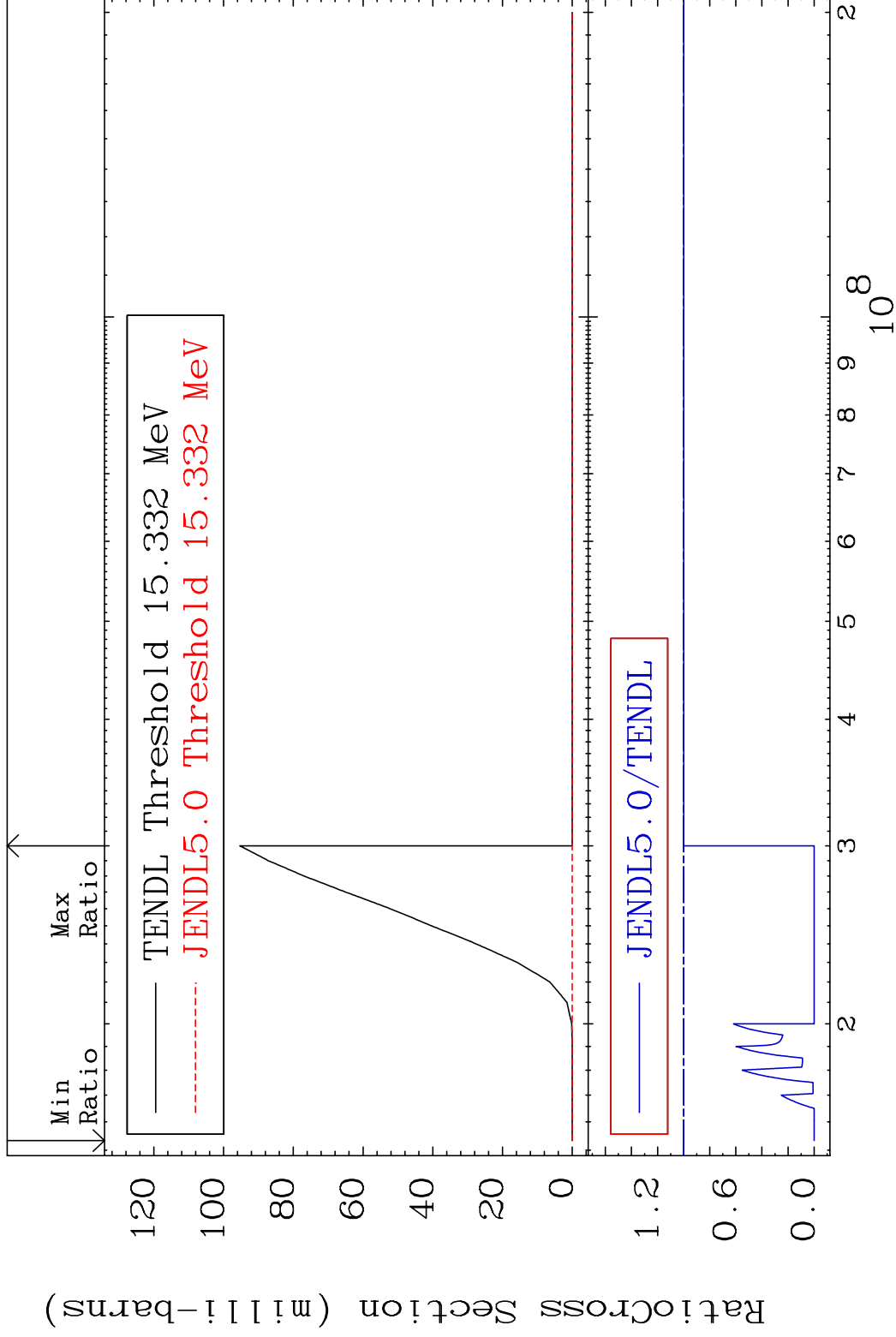
27-Co-56

MAT 2716

(n,2n) p

27-Co-56

Cross Section -100.0 To 0.000 %

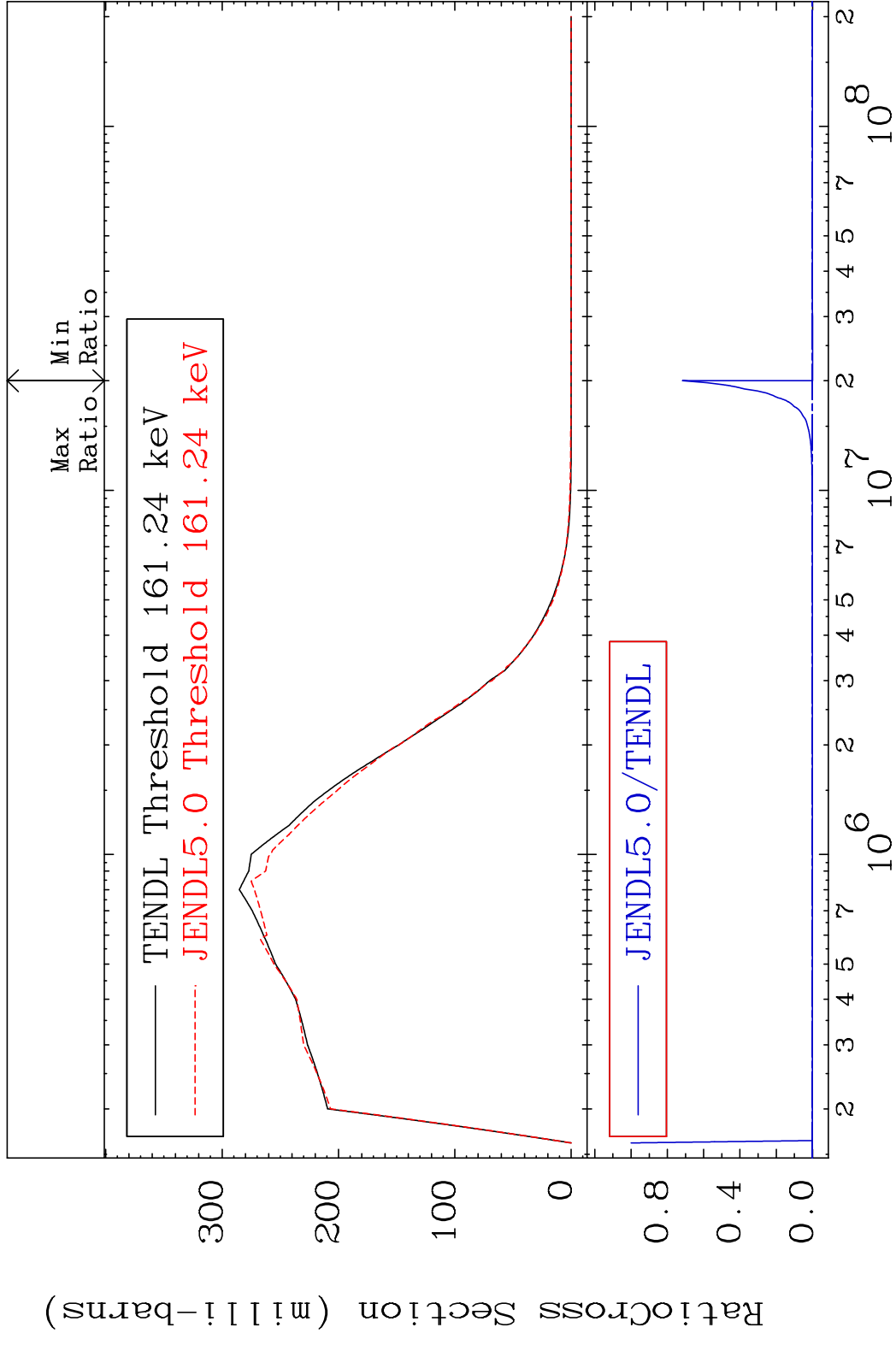


10

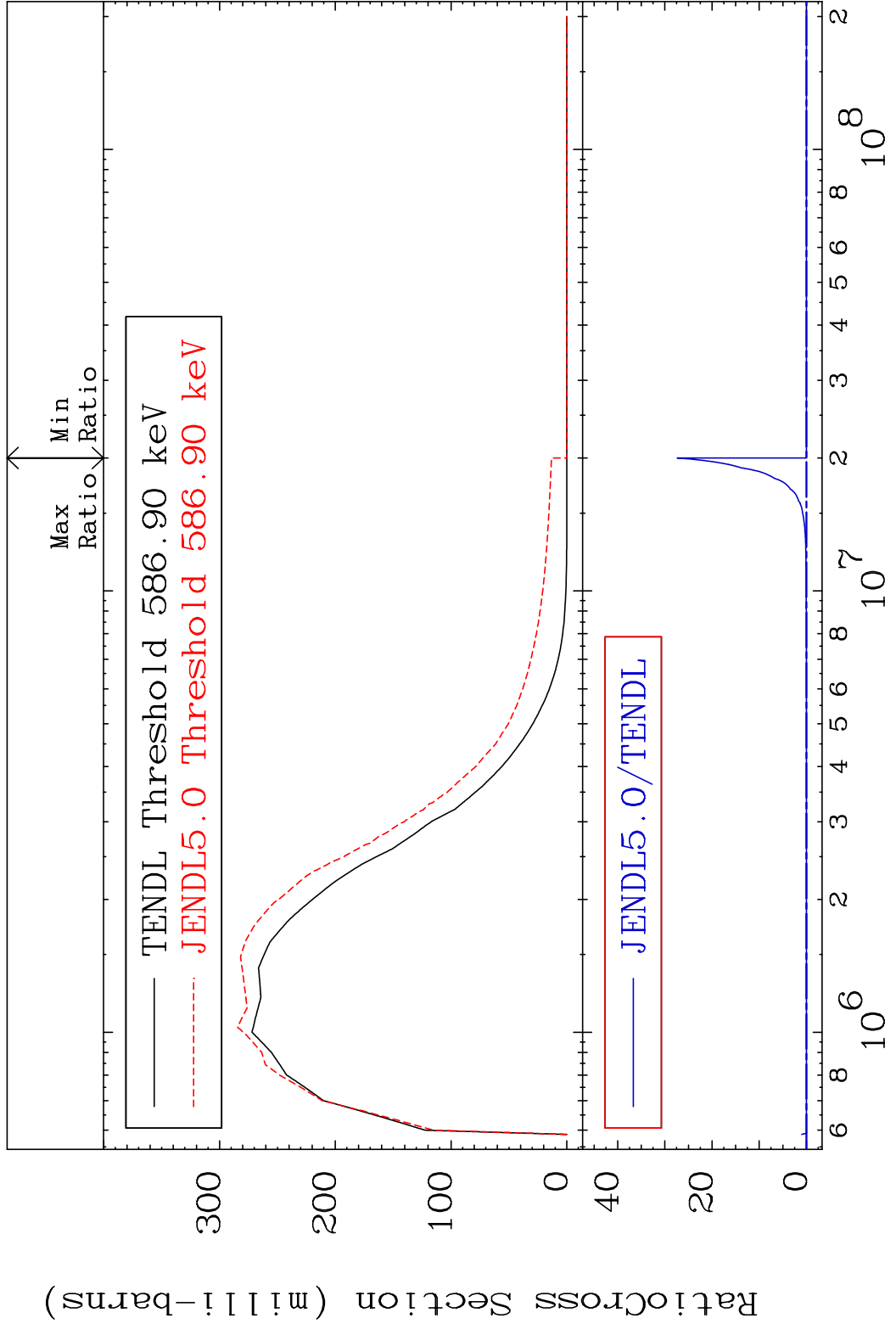
Incident Energy (eV)

27-Co-56

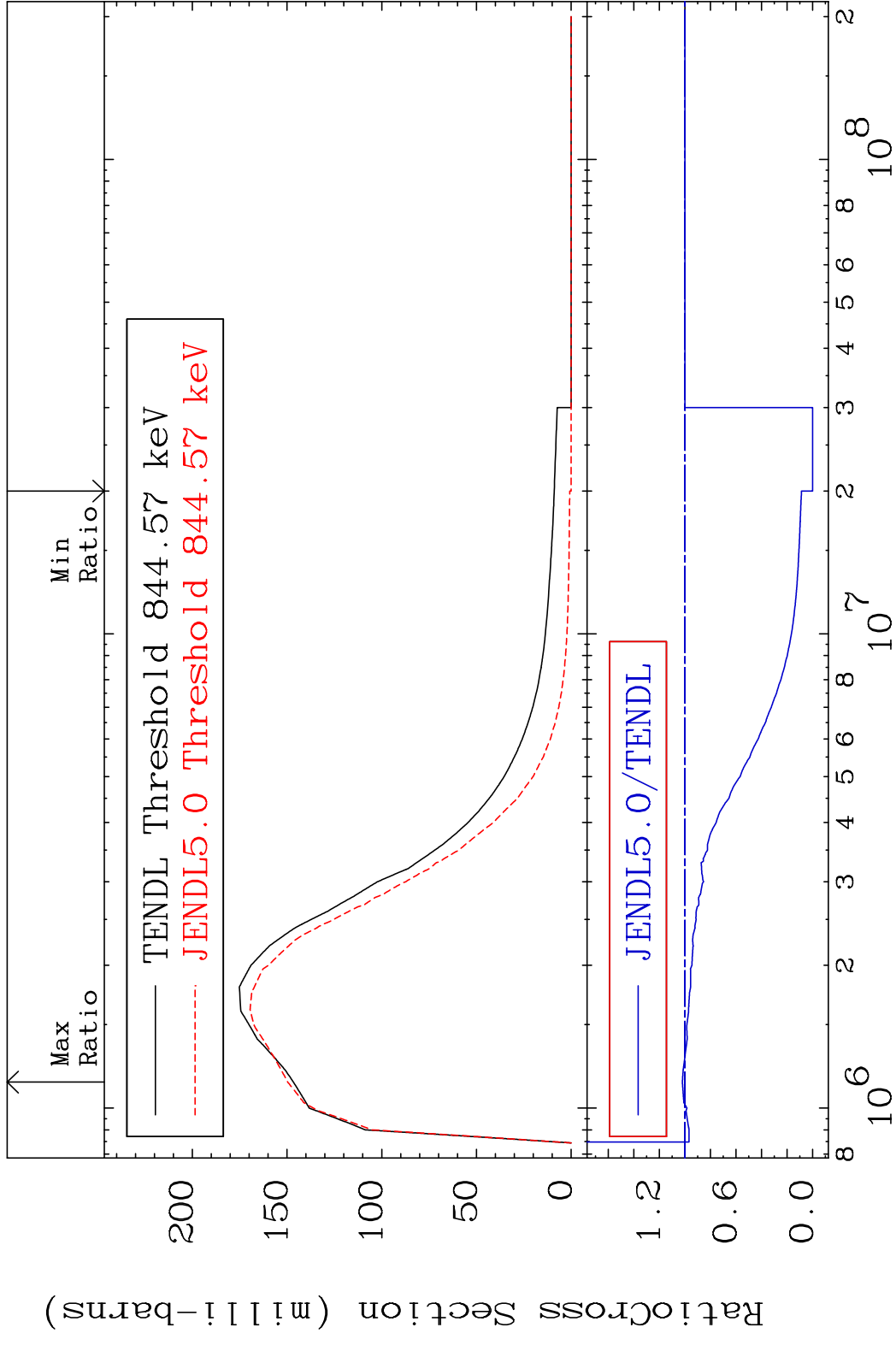
MAT 2716 MT= 51 (n,n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



MAT 2716 MT= 52 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %

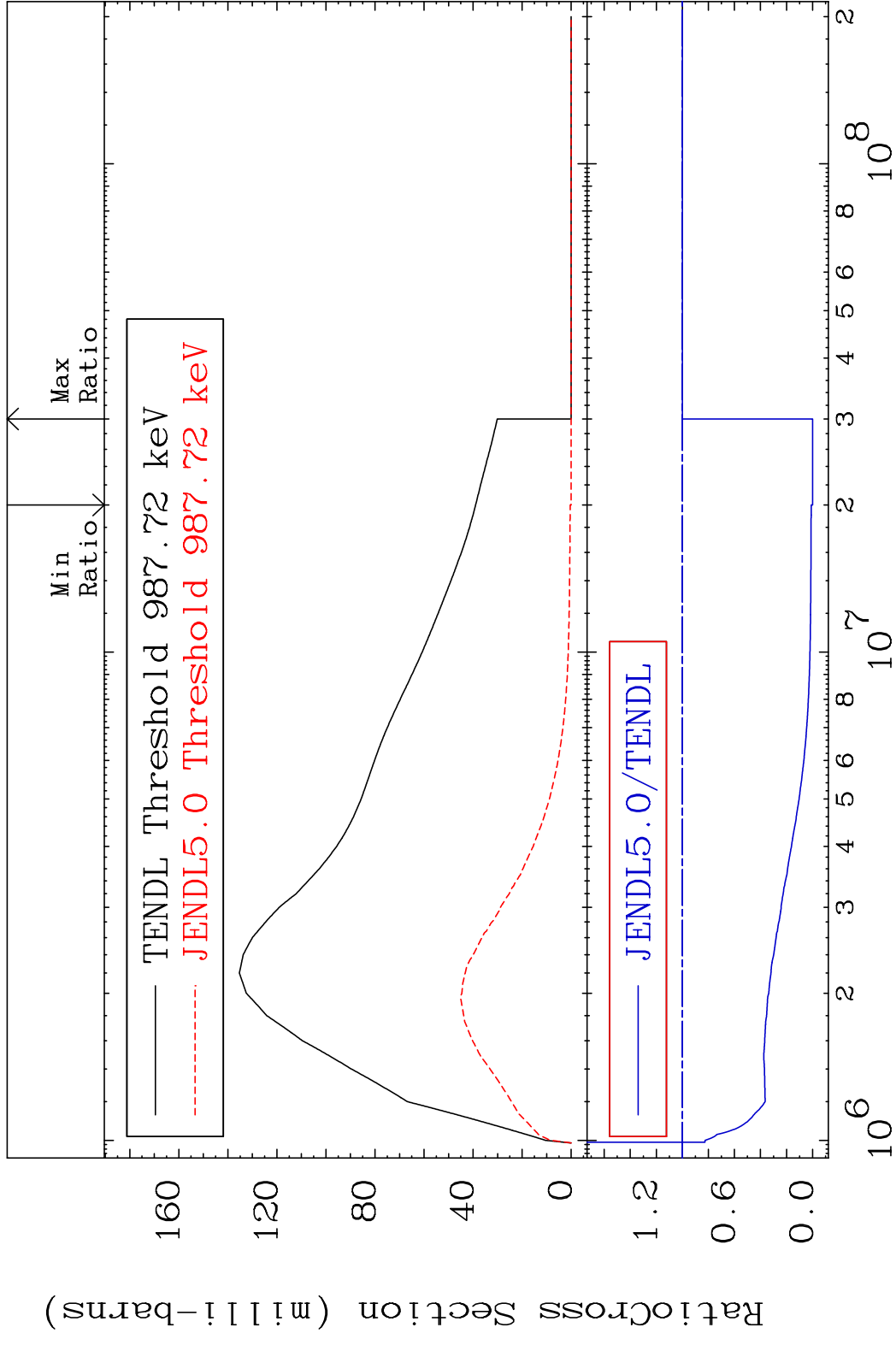


MAT 2716 MT= 53 (n, n') Level 27-Co-56
 Cross Section -100.0 To 2.018 %

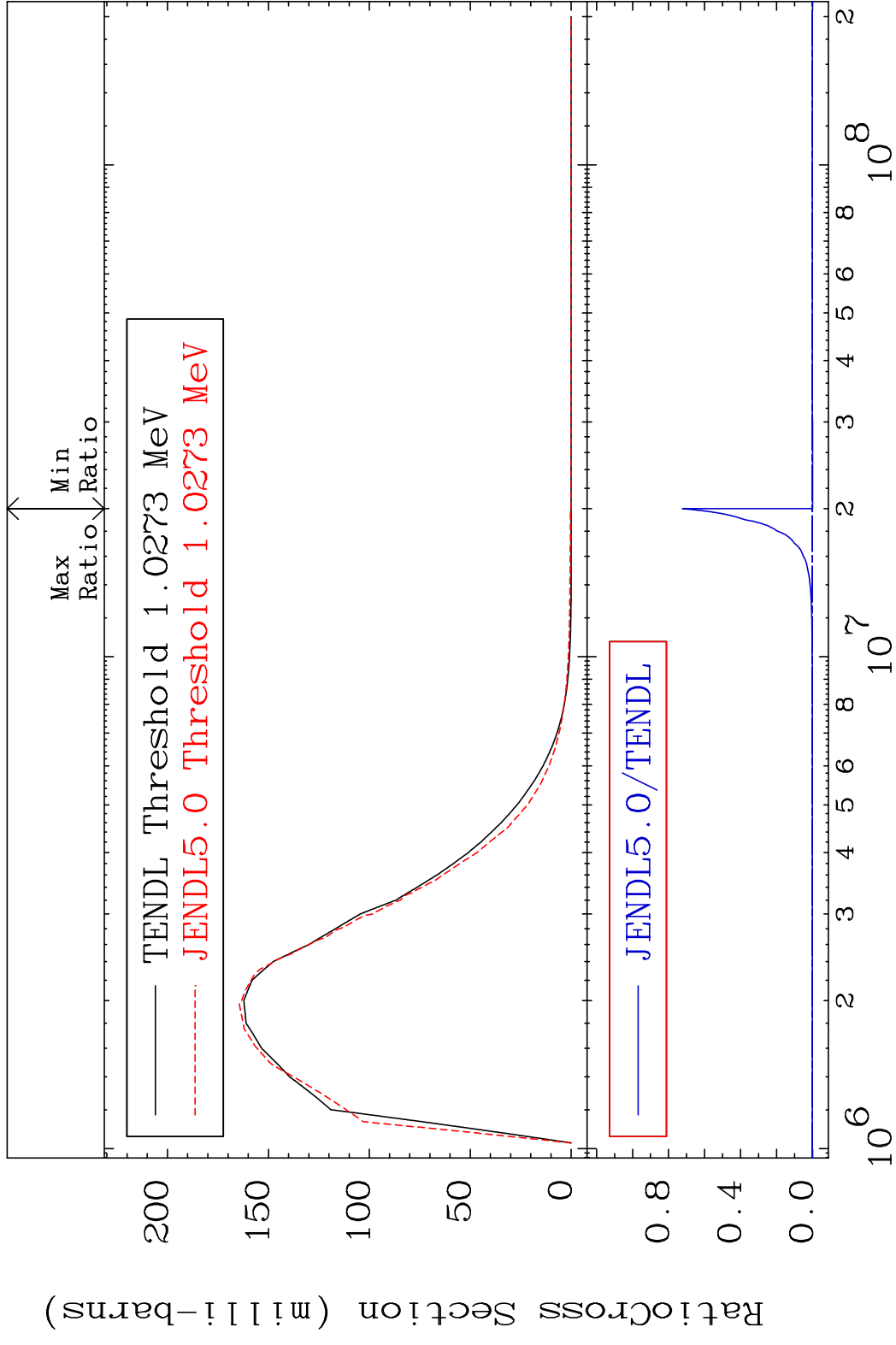


13 Incident Energy (eV) 27-Co-56

MAT 2716 MT= 54 (n, n') Level 27-Co-56
 Cross Section -100.0 To 0.000 %

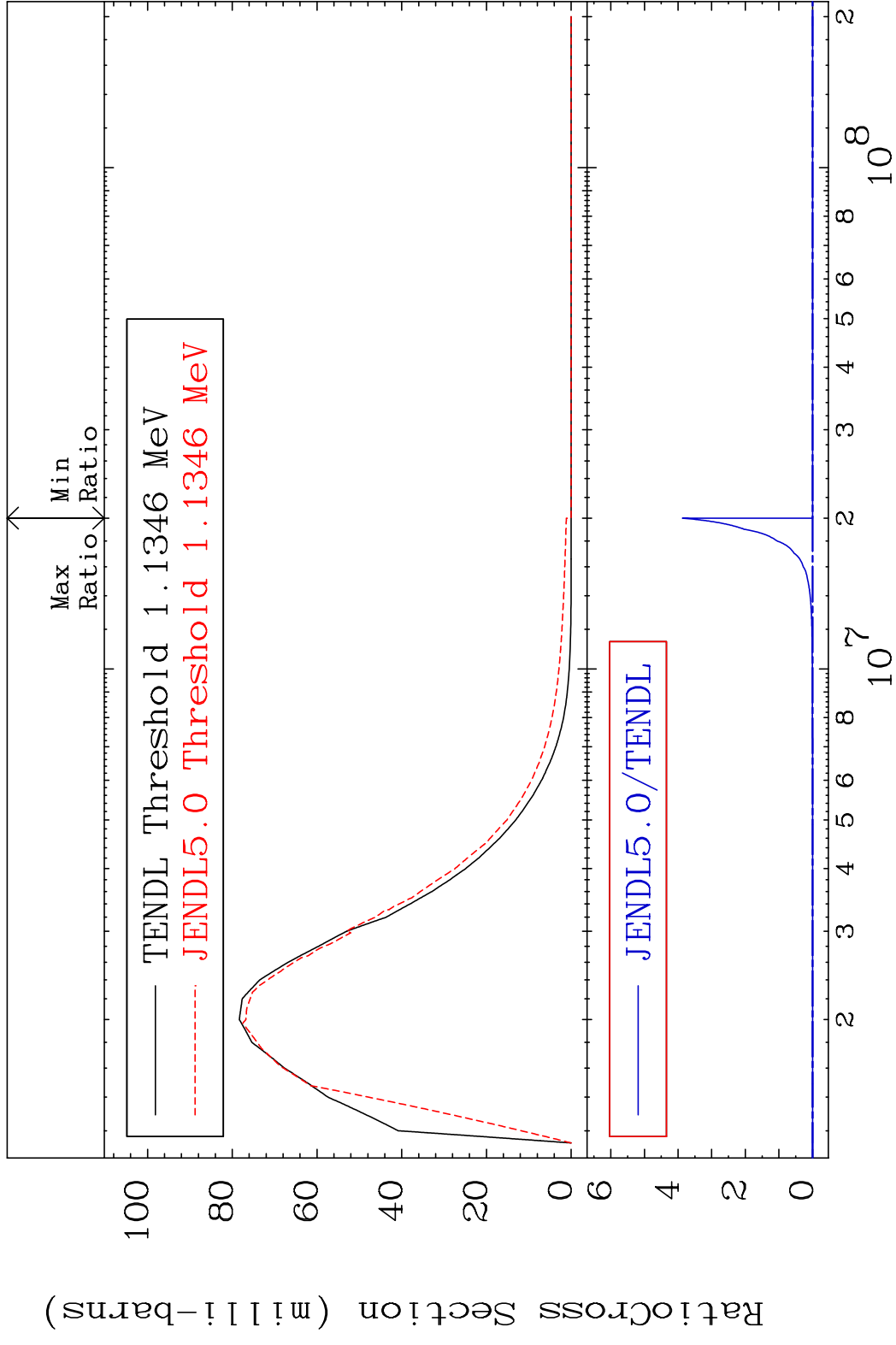


MAT 2716 MT= 55 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %

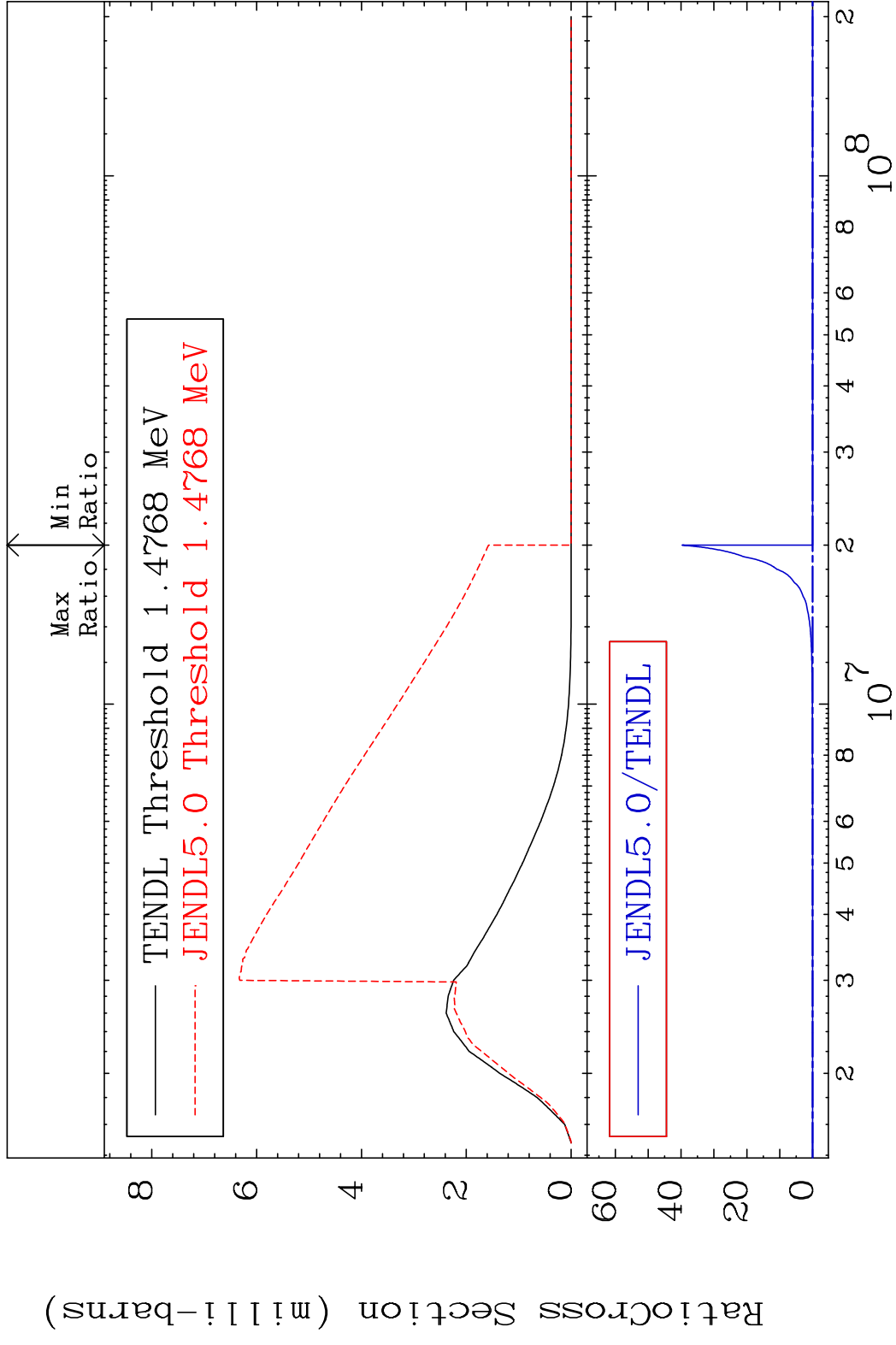


15 Incident Energy (eV) 27-Co-56

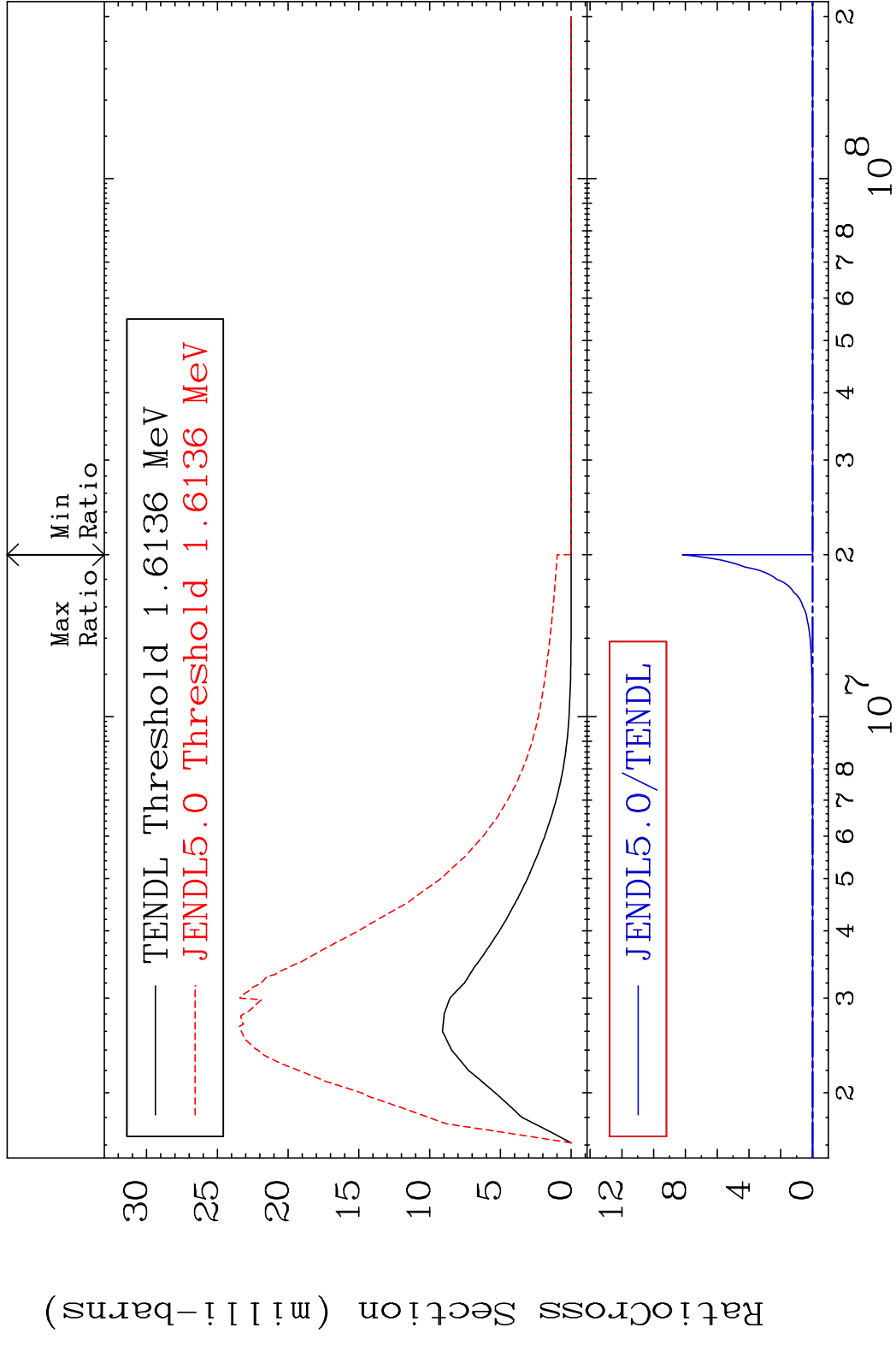
MAT 2716 MT= 56 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



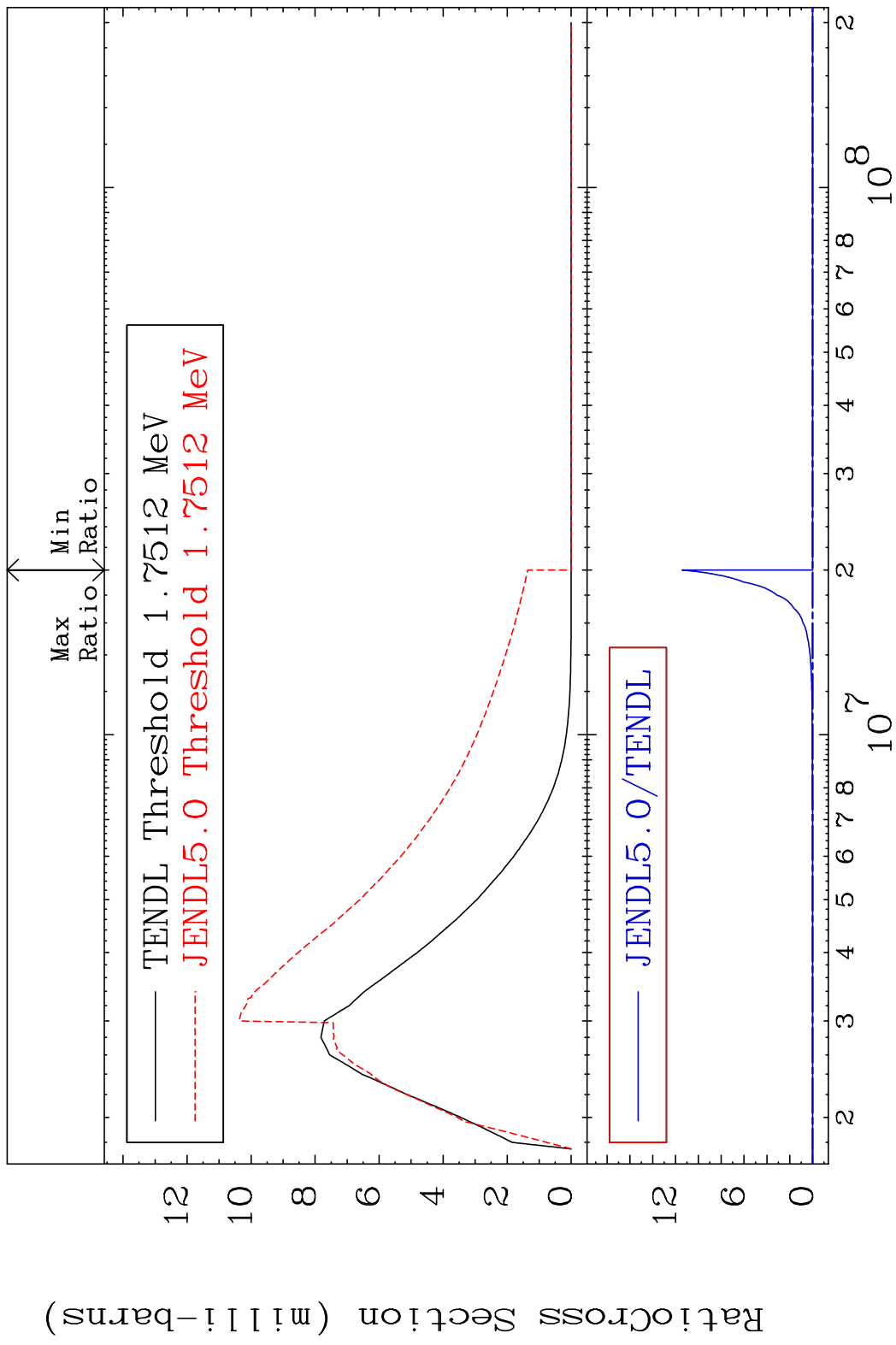
MAT 2716 MT= 57 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



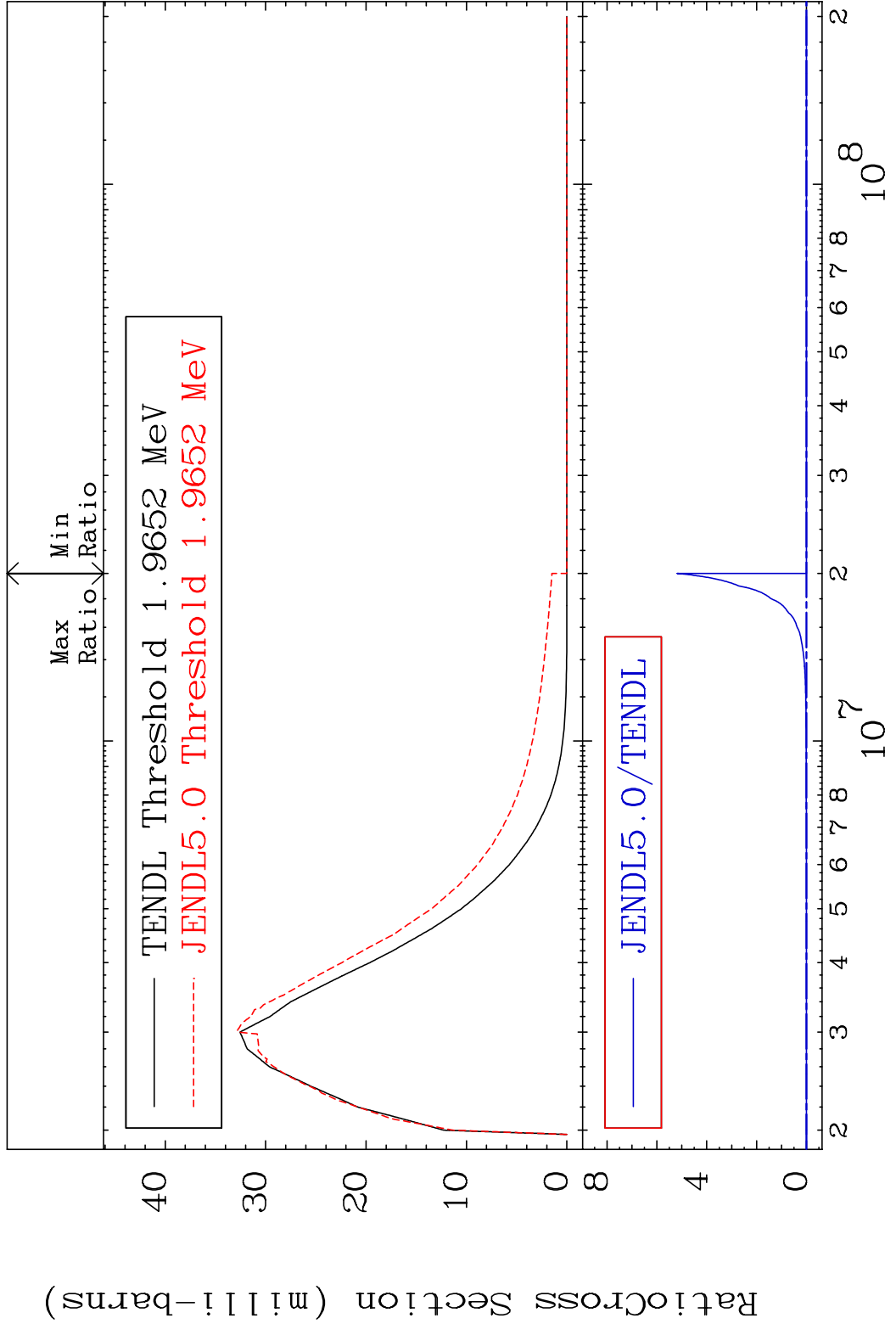
MAT 2716 MT= 58 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



MAT 2716 MT= 59 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %

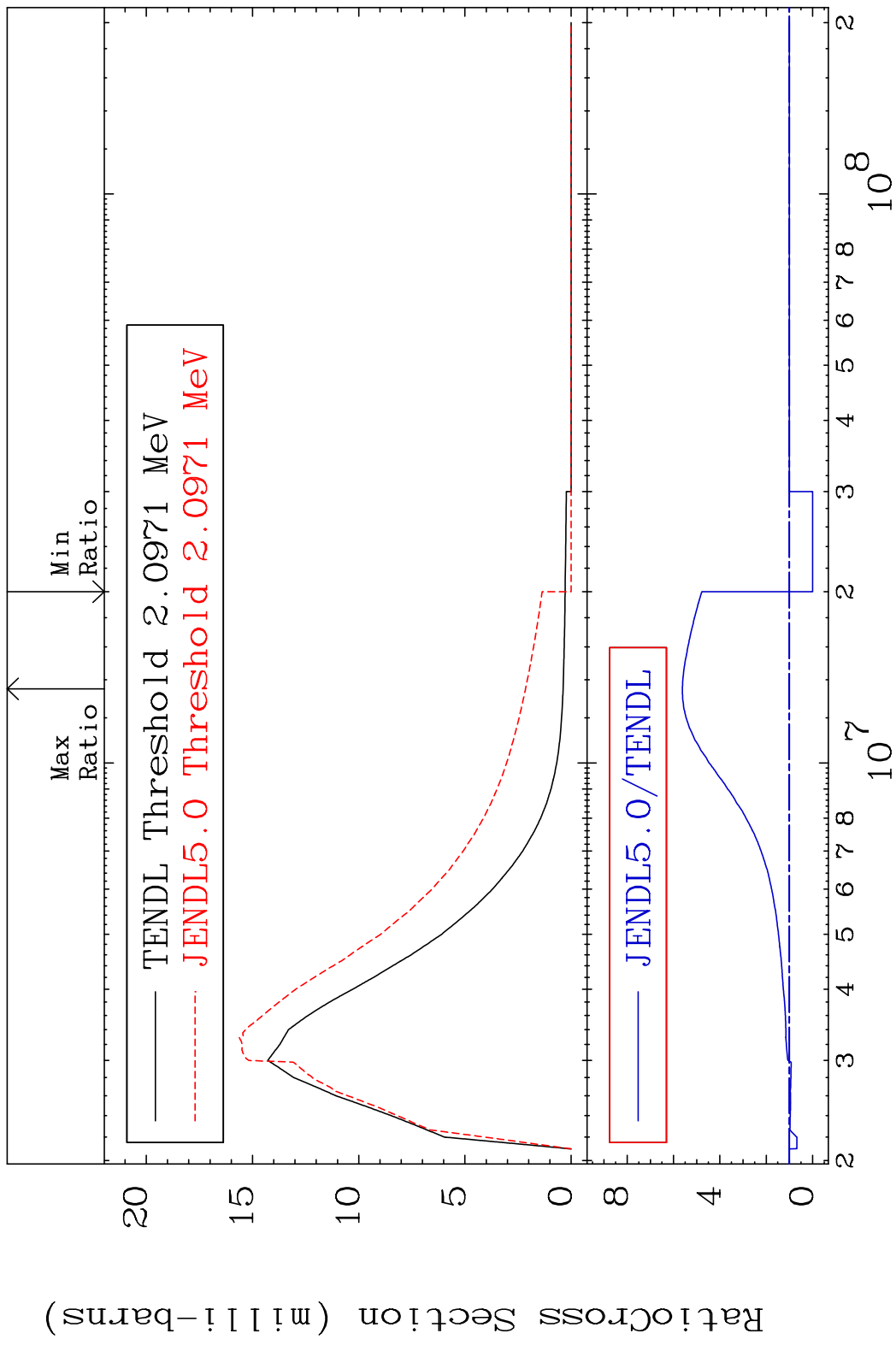


MAT 2716 MT= 60 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %

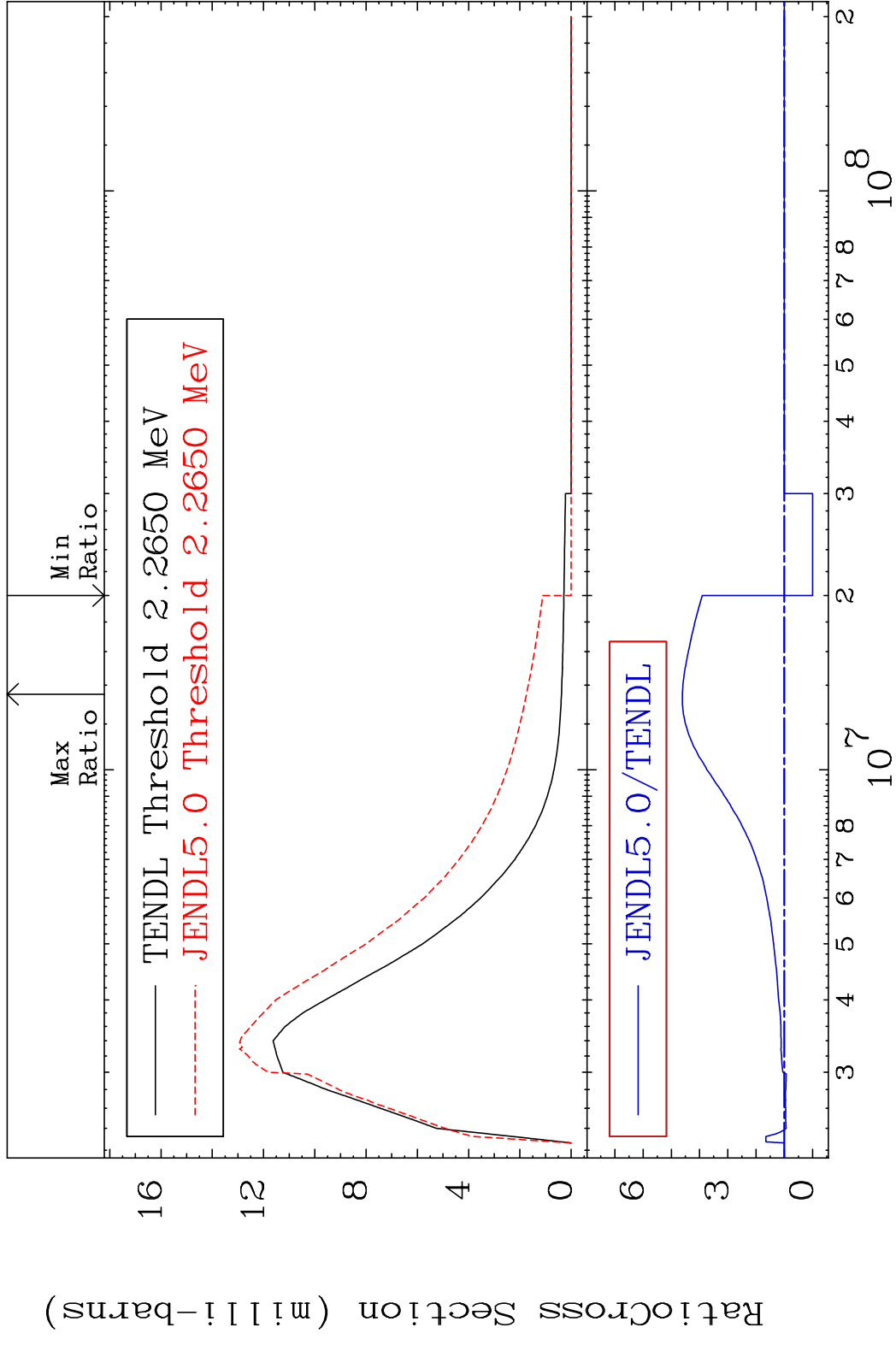


20 Incident Energy (eV) 27-Co-56

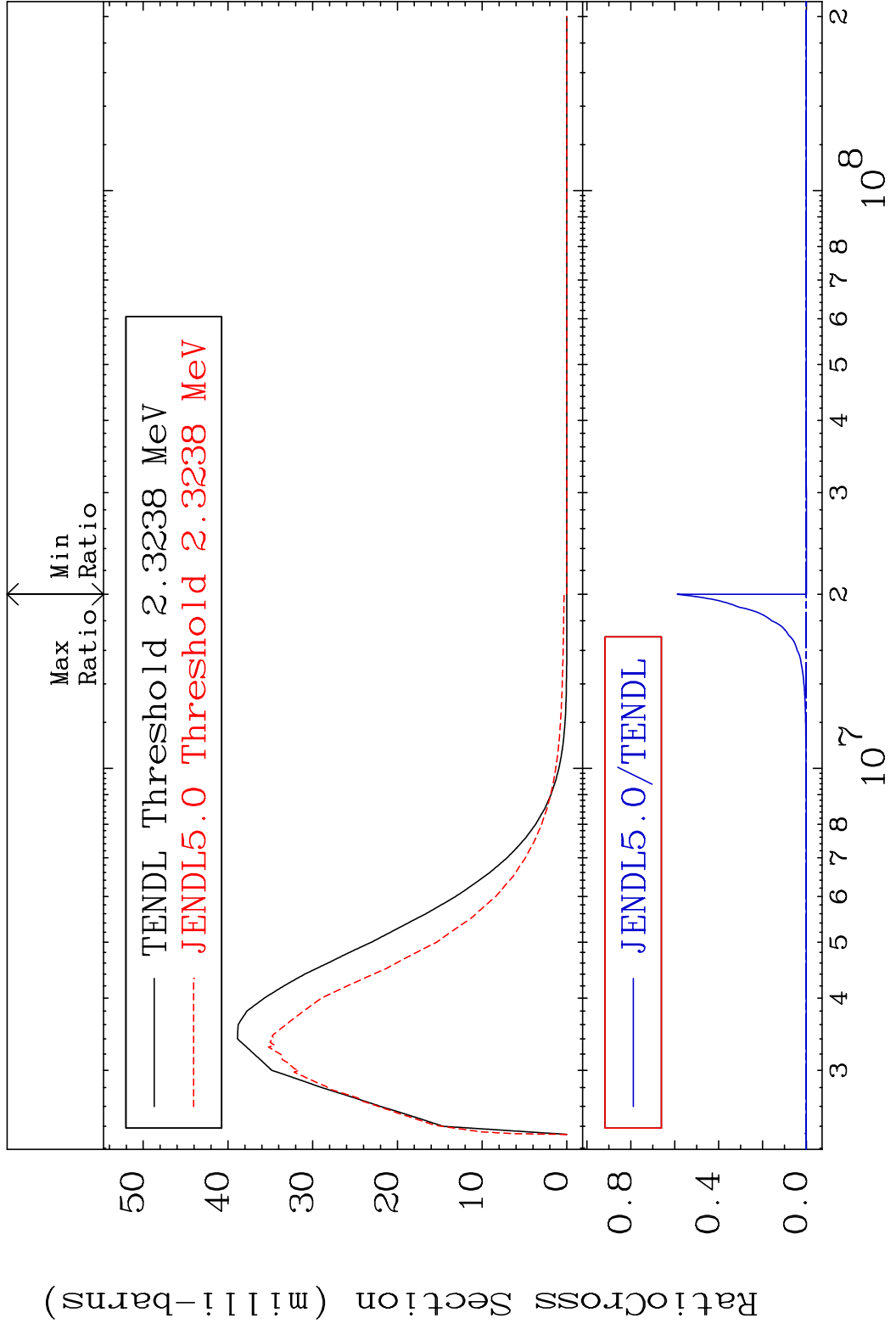
MAT 2716 MT= 61 (n, n') Level 27-Co-56
 Cross Section -100.0 To 461.9 %



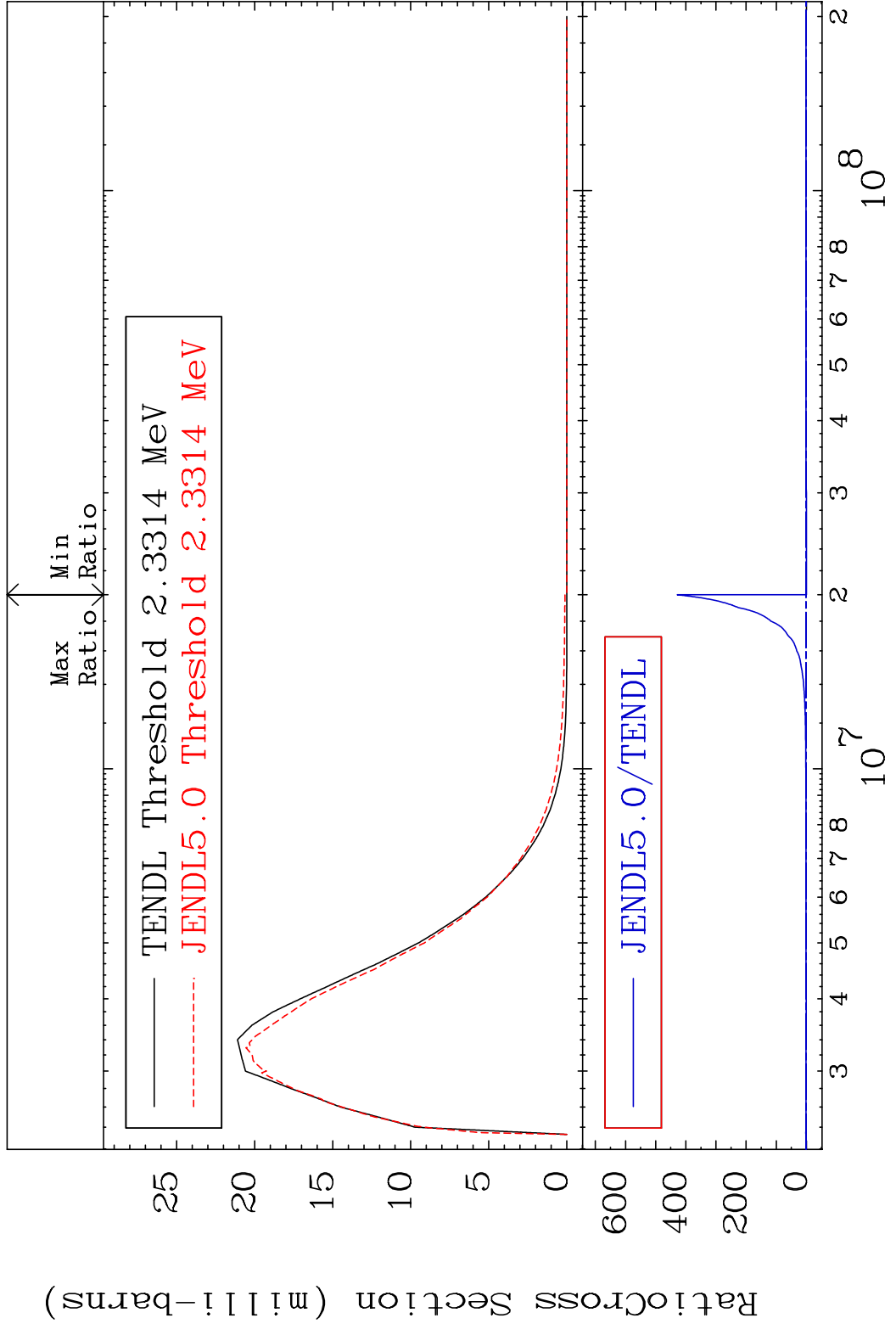
MAT 2716 MT= 62 (n, n') Level 27-Co-56
 Cross Section -100.0 To 361.0 %



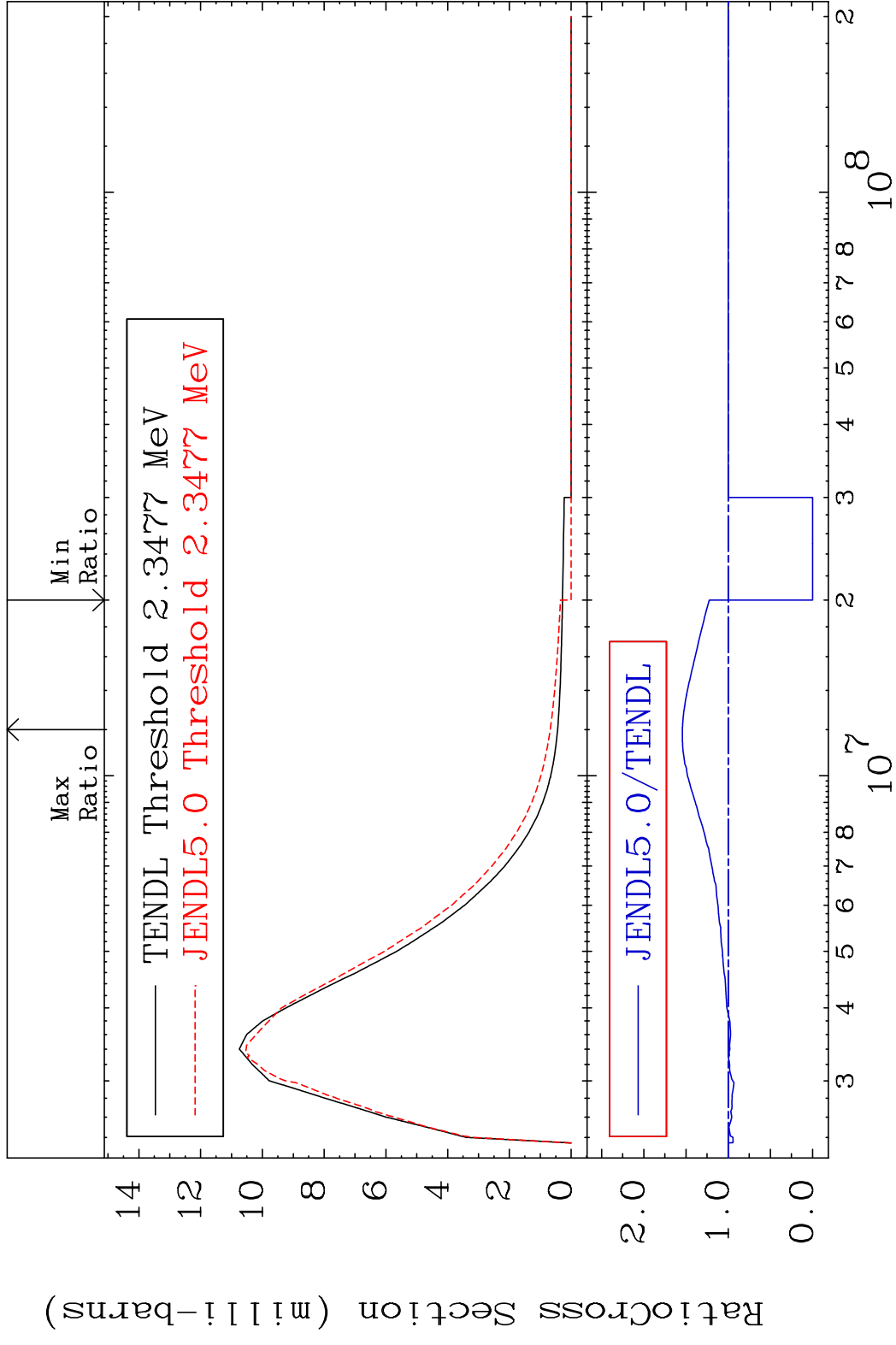
MAT 2716 MT= 63 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



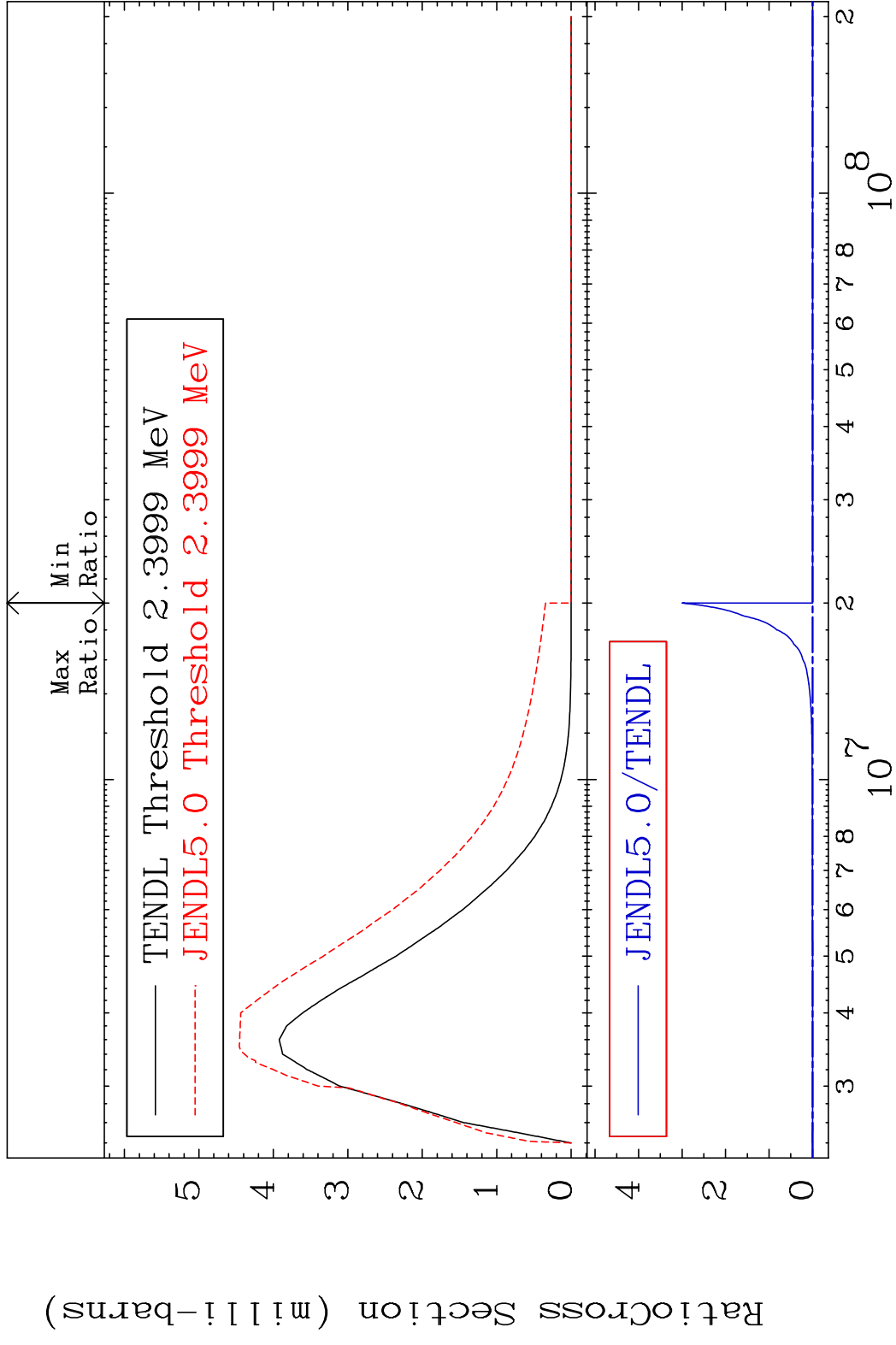
MAT 2716 MT= 64 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



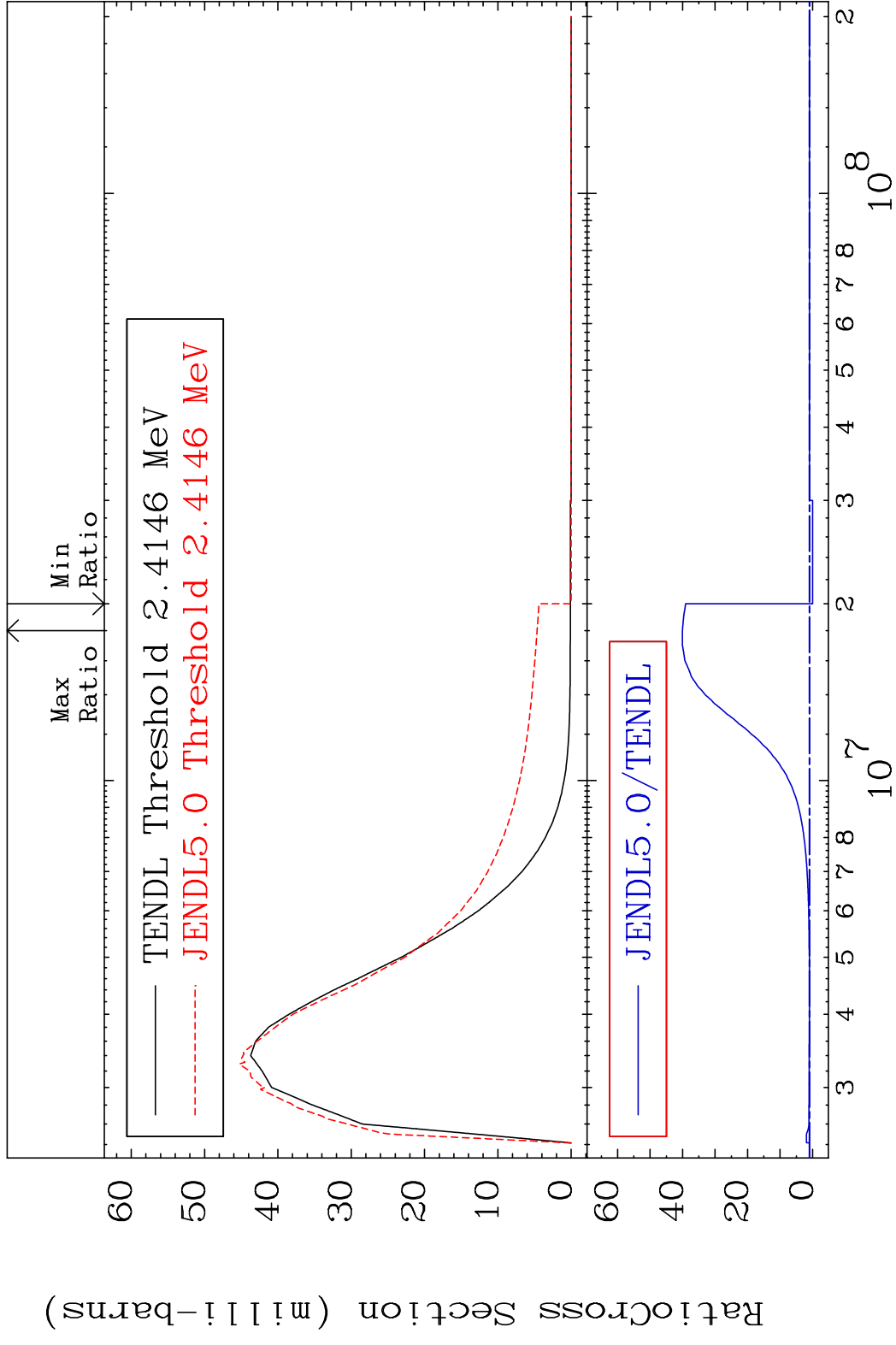
MAT 2716 MT= 65 (n, n') Level 27-Co-56
 Cross Section -100.0 To 54.26 %



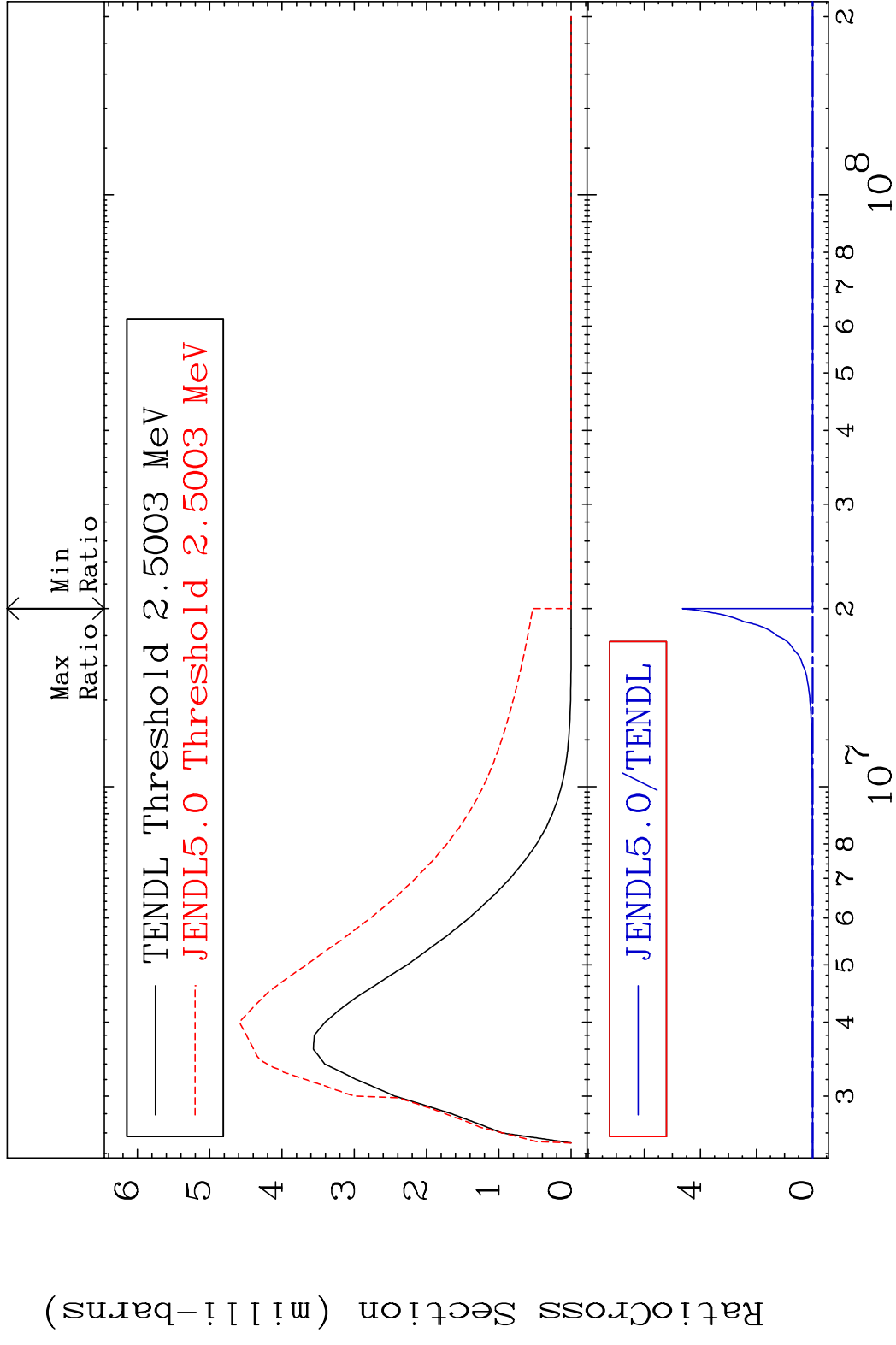
MAT 2716 MT= 66 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



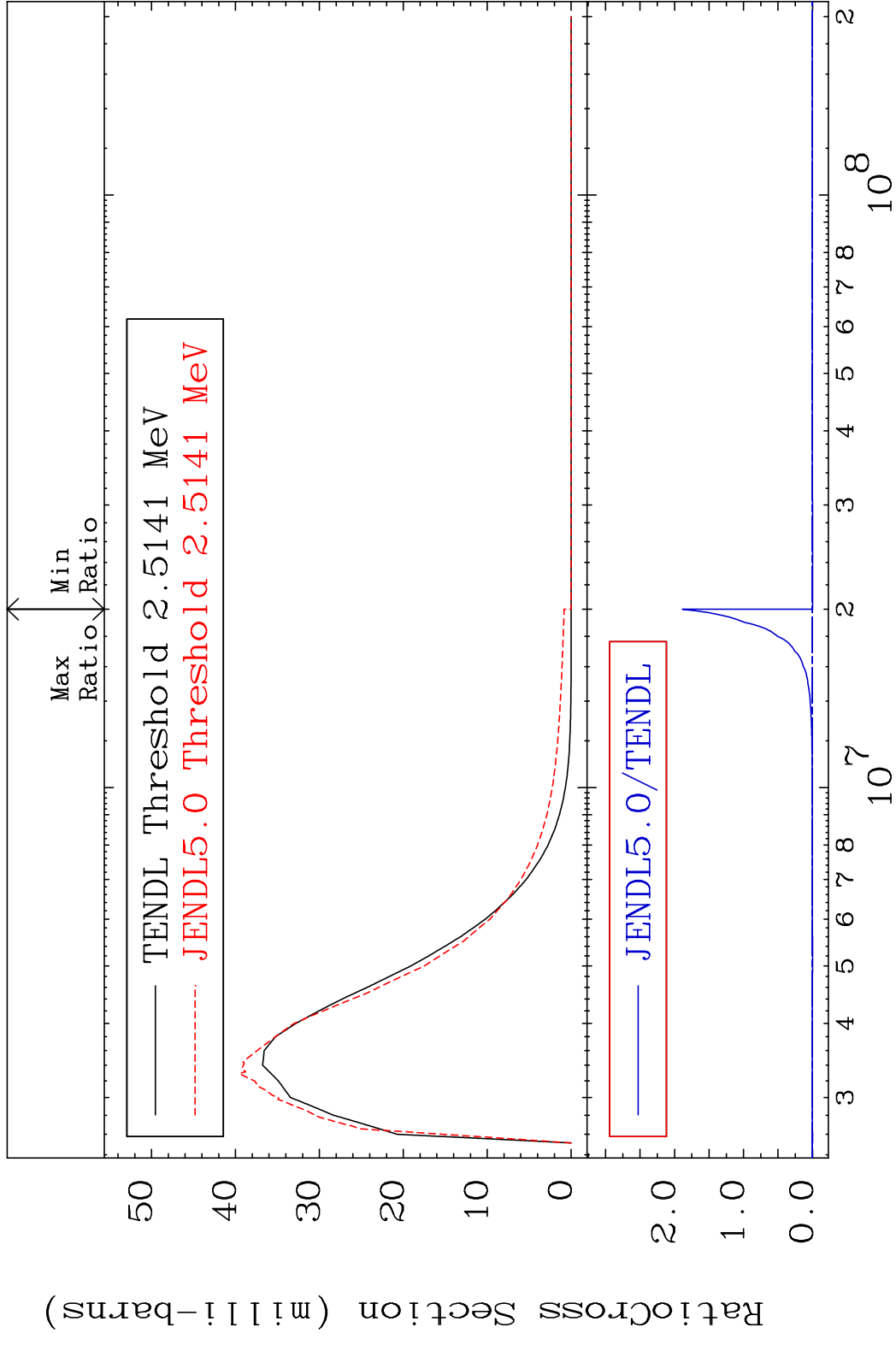
MAT 2716 MT= 67 (n, n') Level 27-Co-56
 Cross Section -100.0 To 3907. %



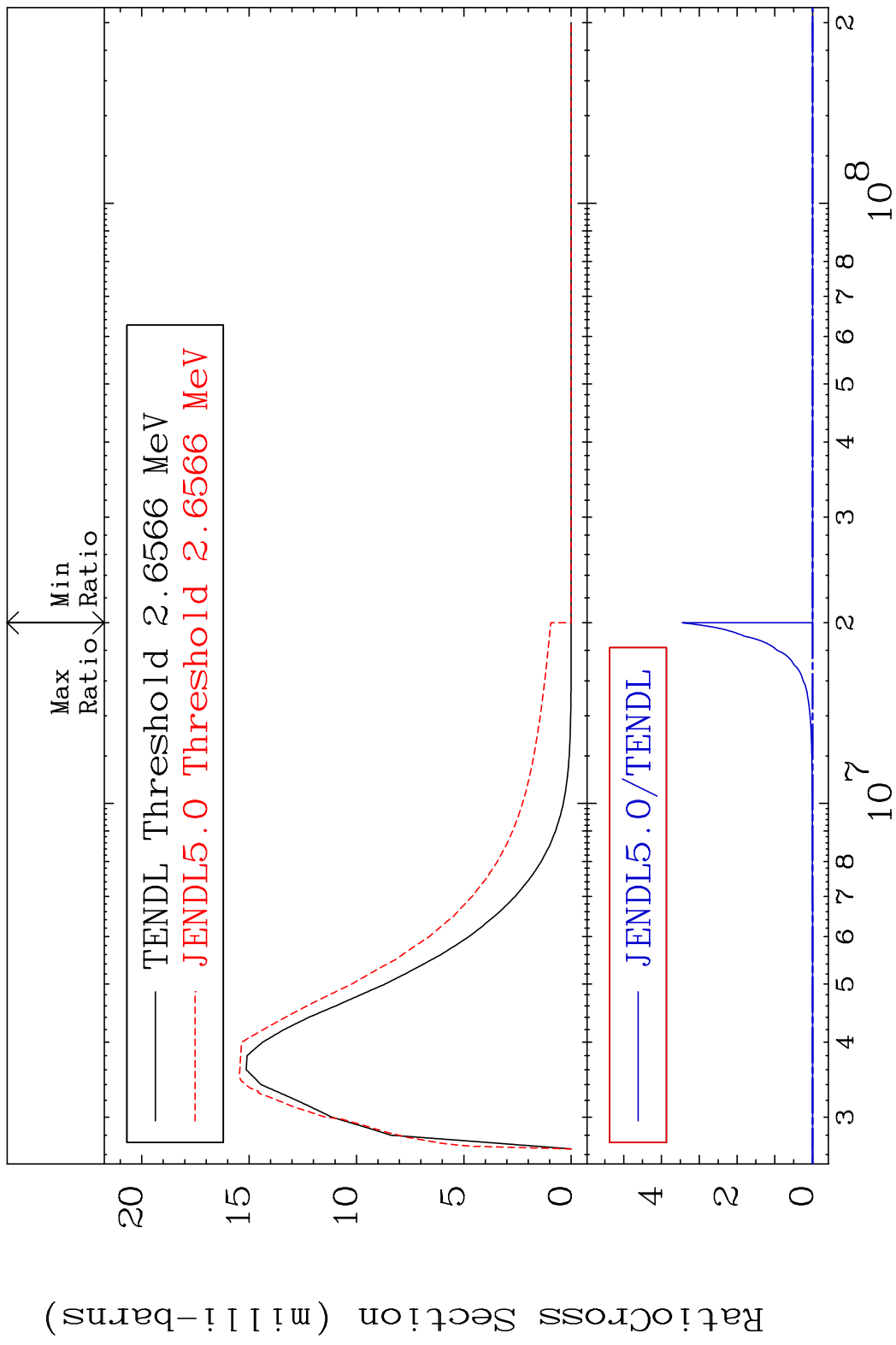
MAT 2716 MT= 68 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



MAT 2716 MT= 69 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %

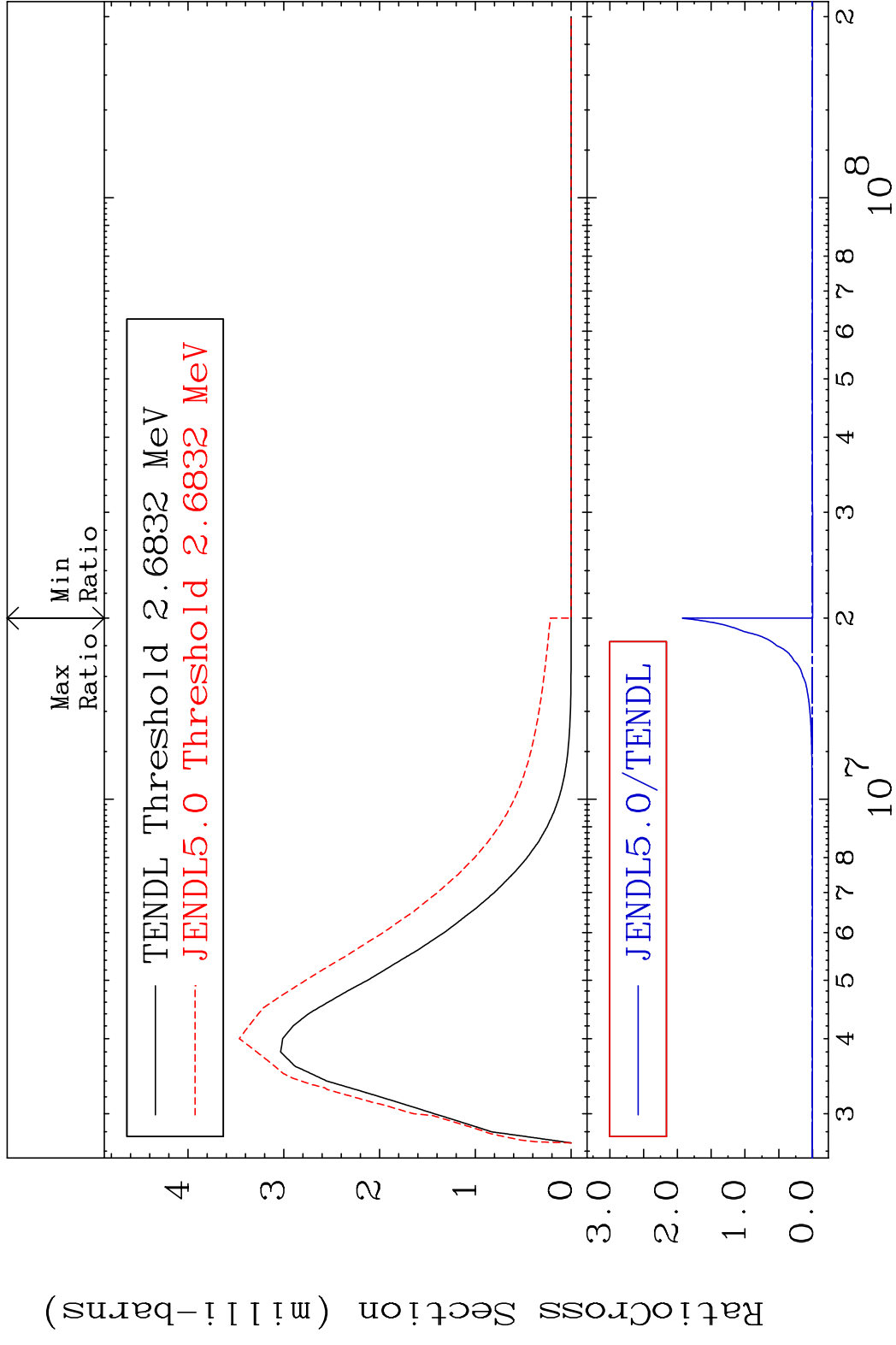


MAT 2716 MT= 70 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %

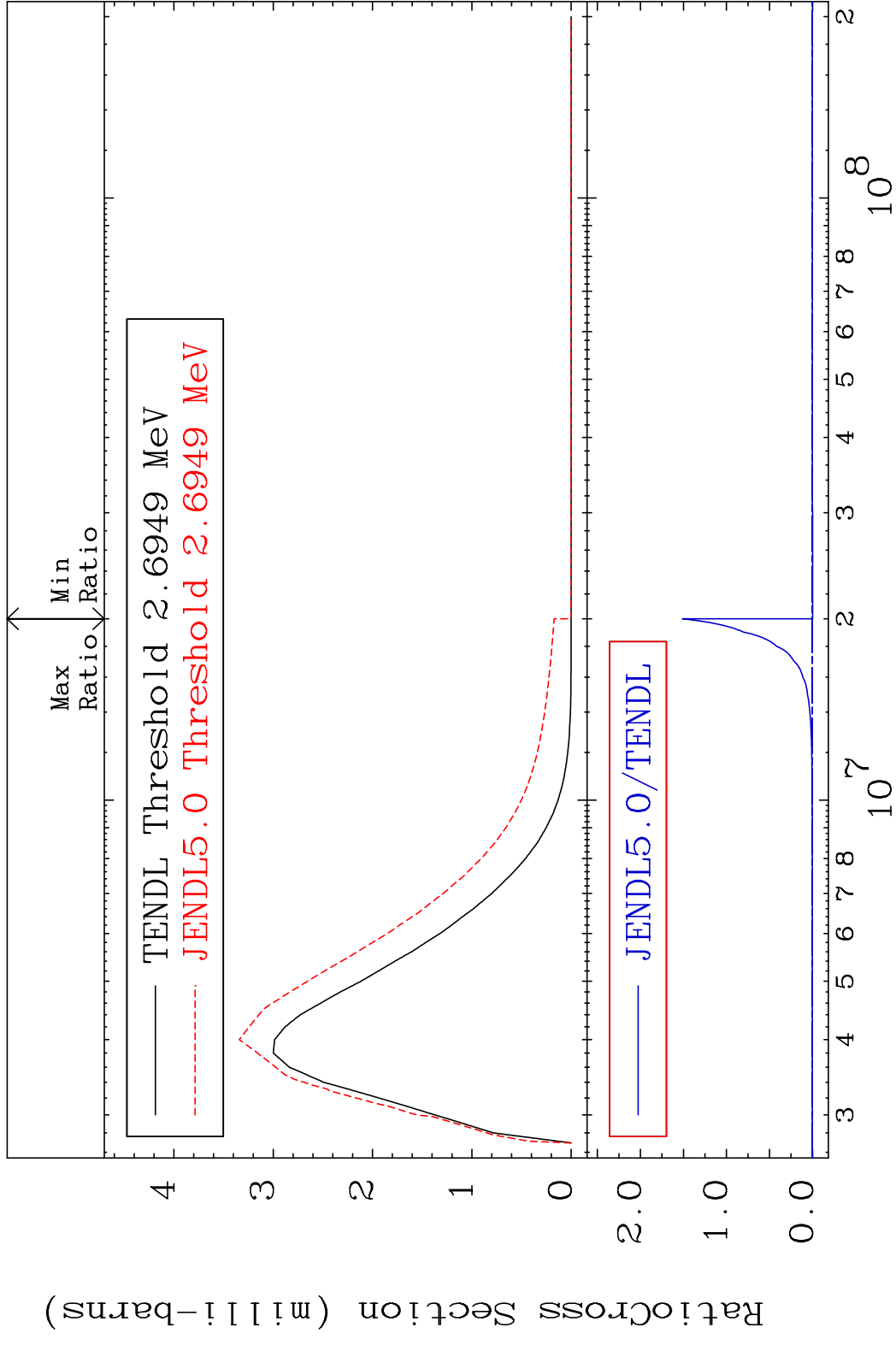


30 27-Co-56

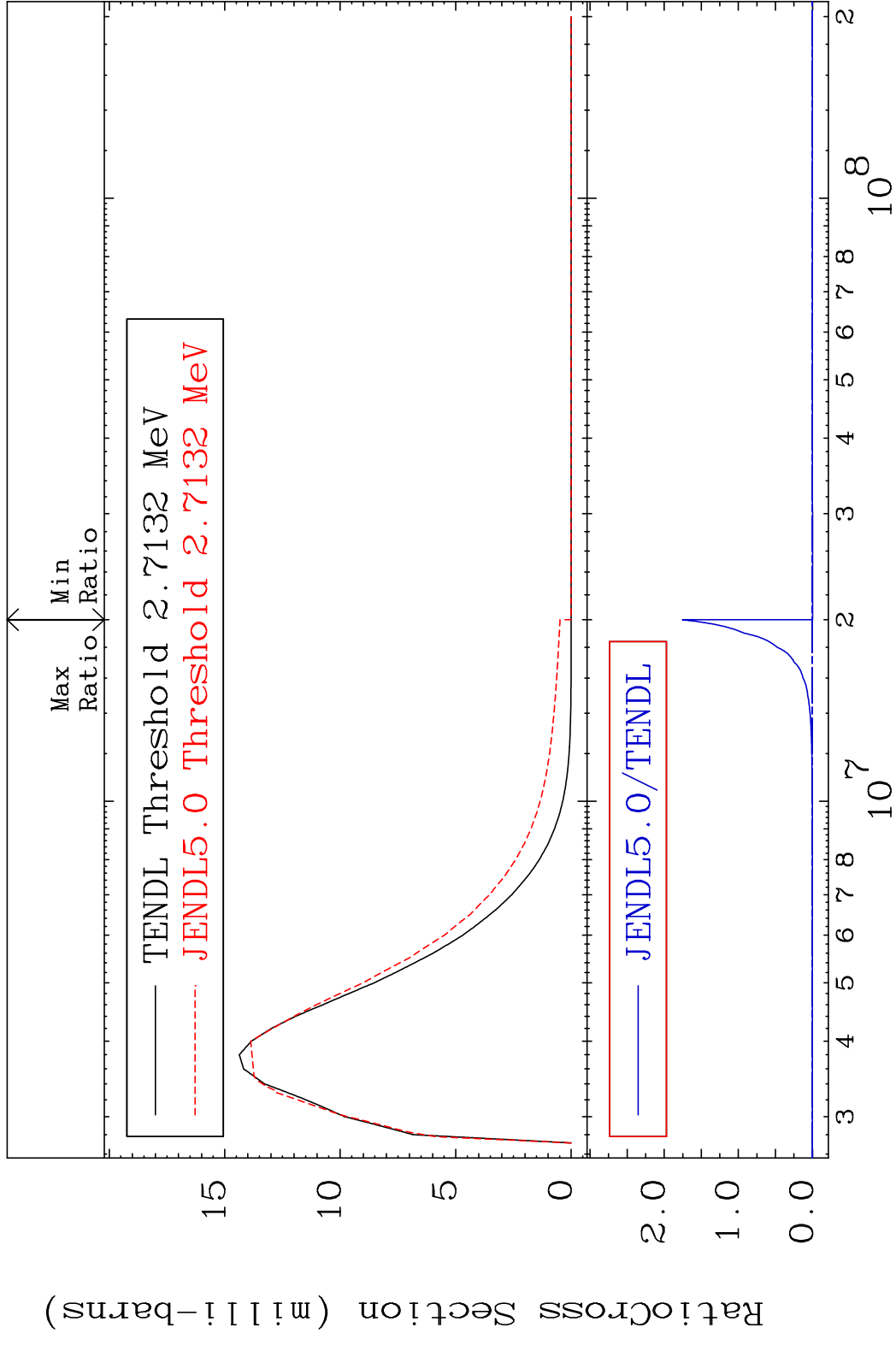
MAT 2716 MT= 71 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



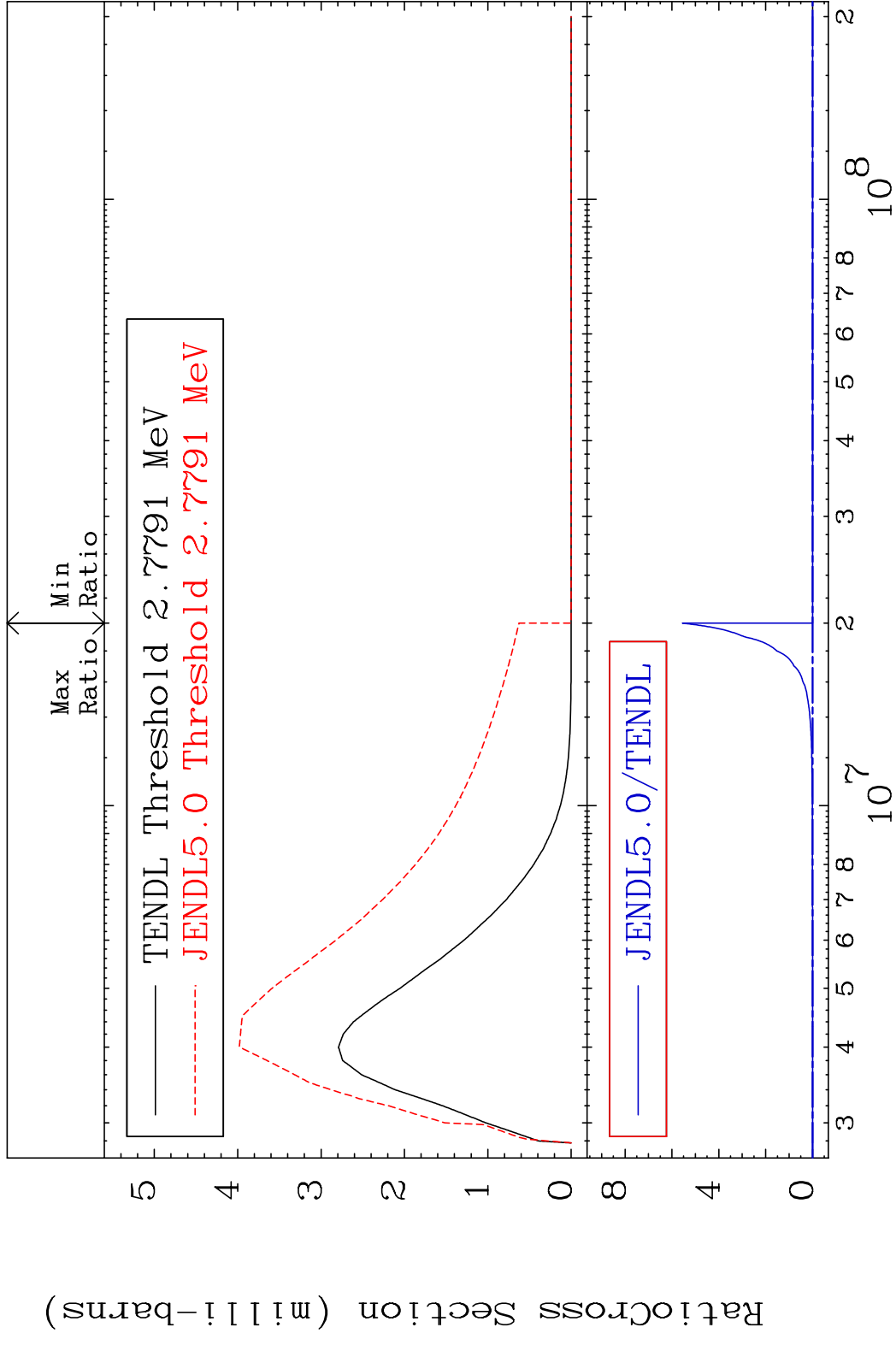
MAT 2716 MT= 72 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



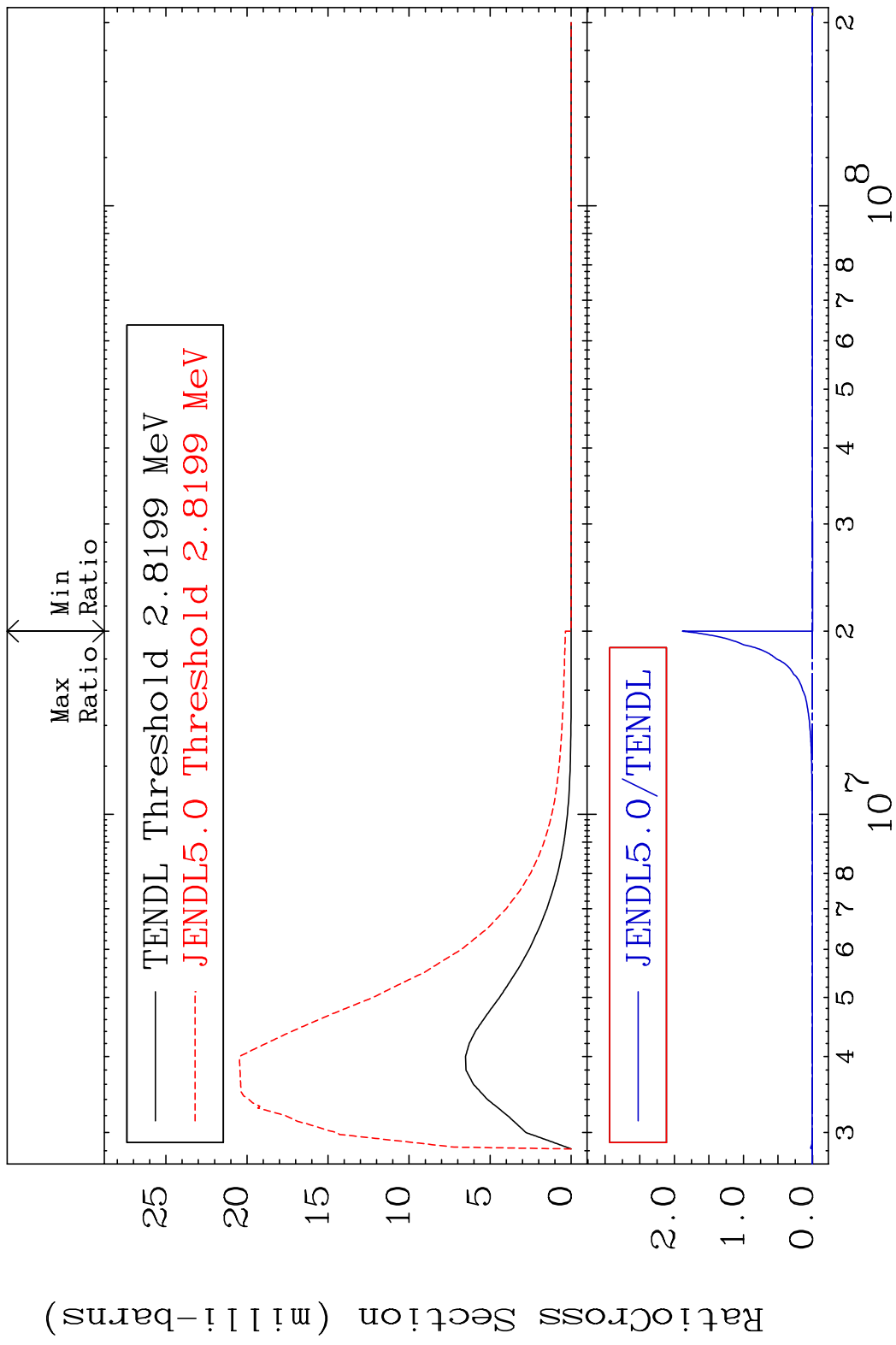
MAT 2716 MT= 73 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



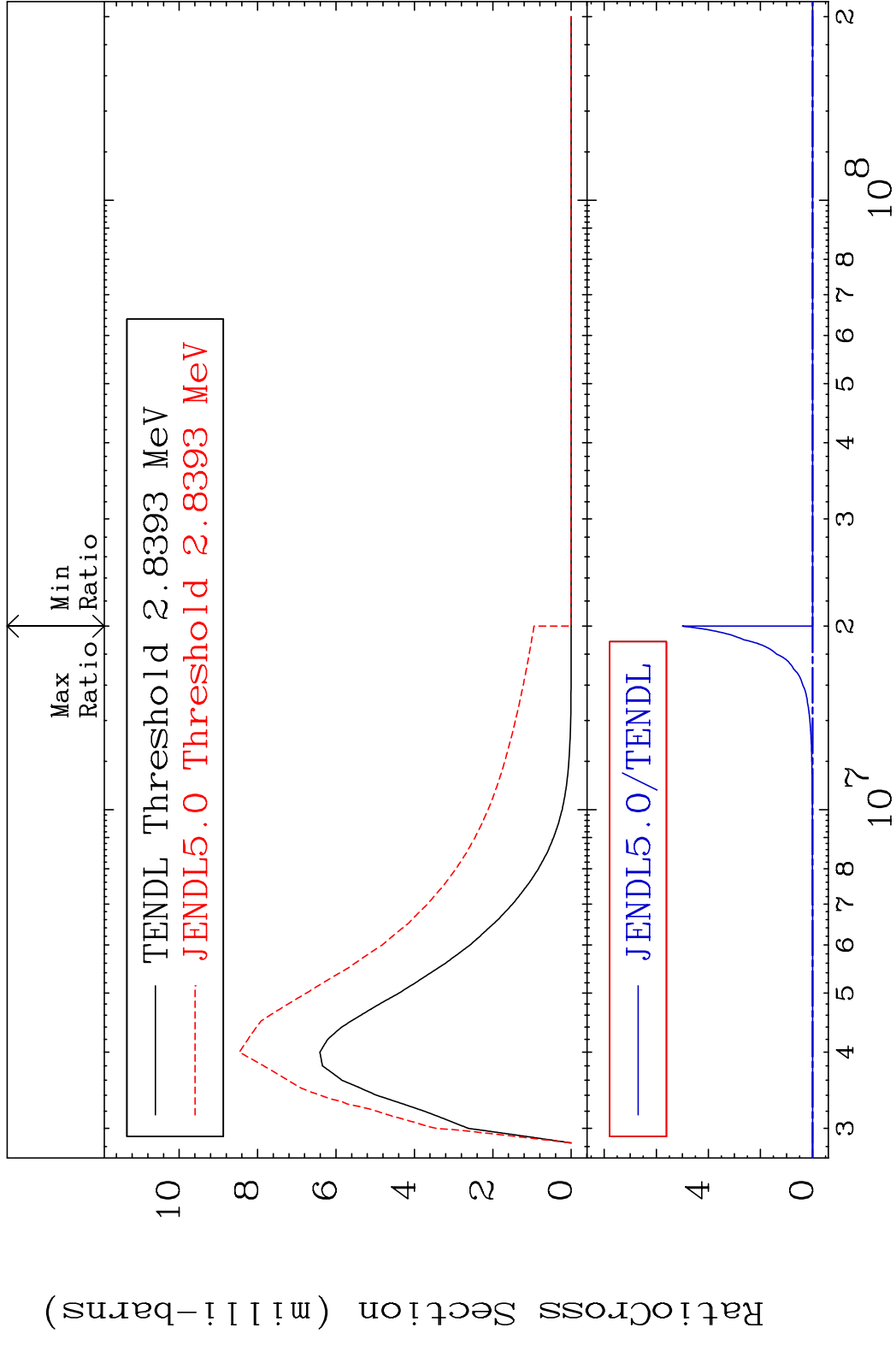
MAT 2716 MT= 74 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



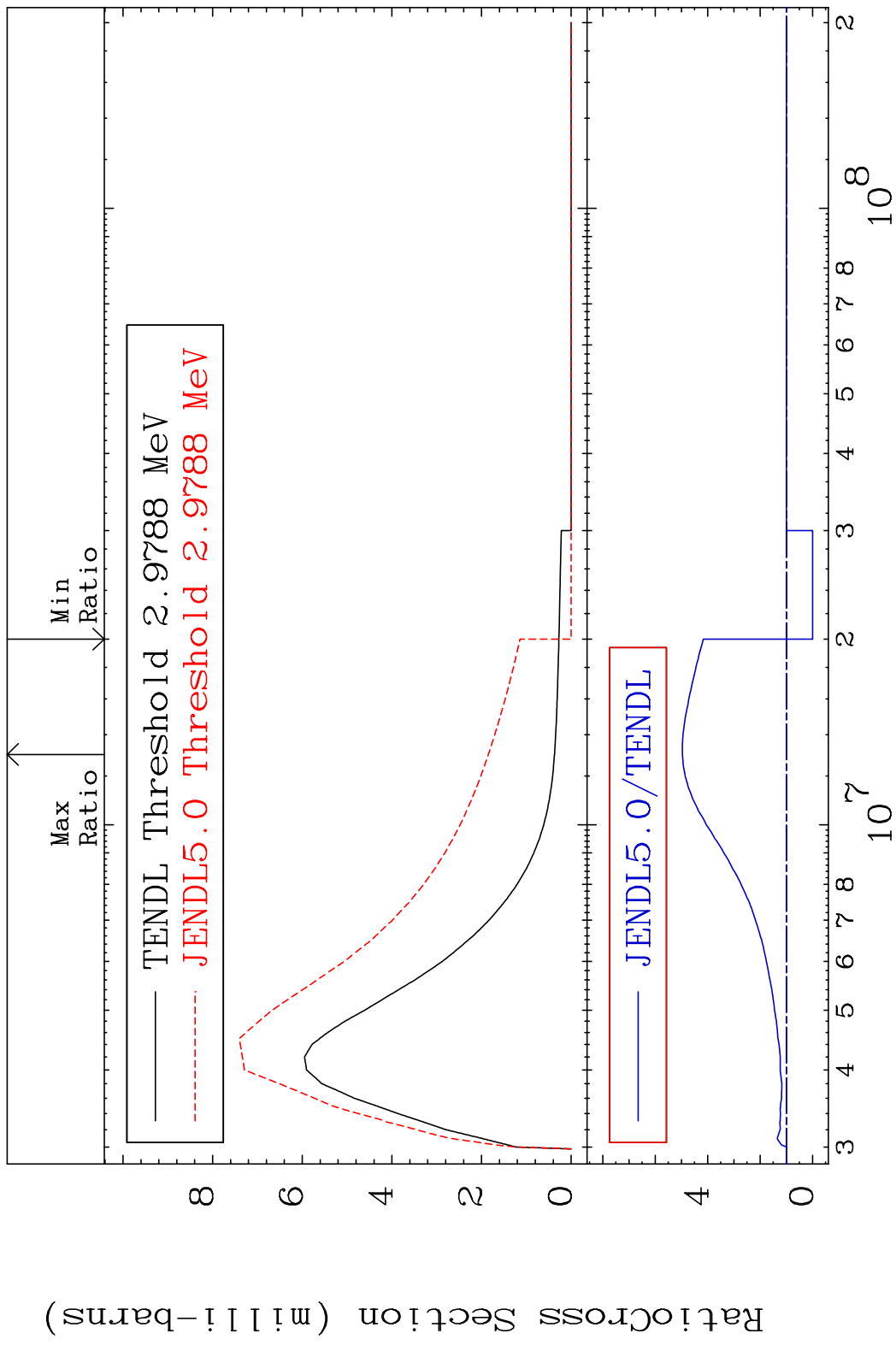
MAT 2716 MT= 75 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



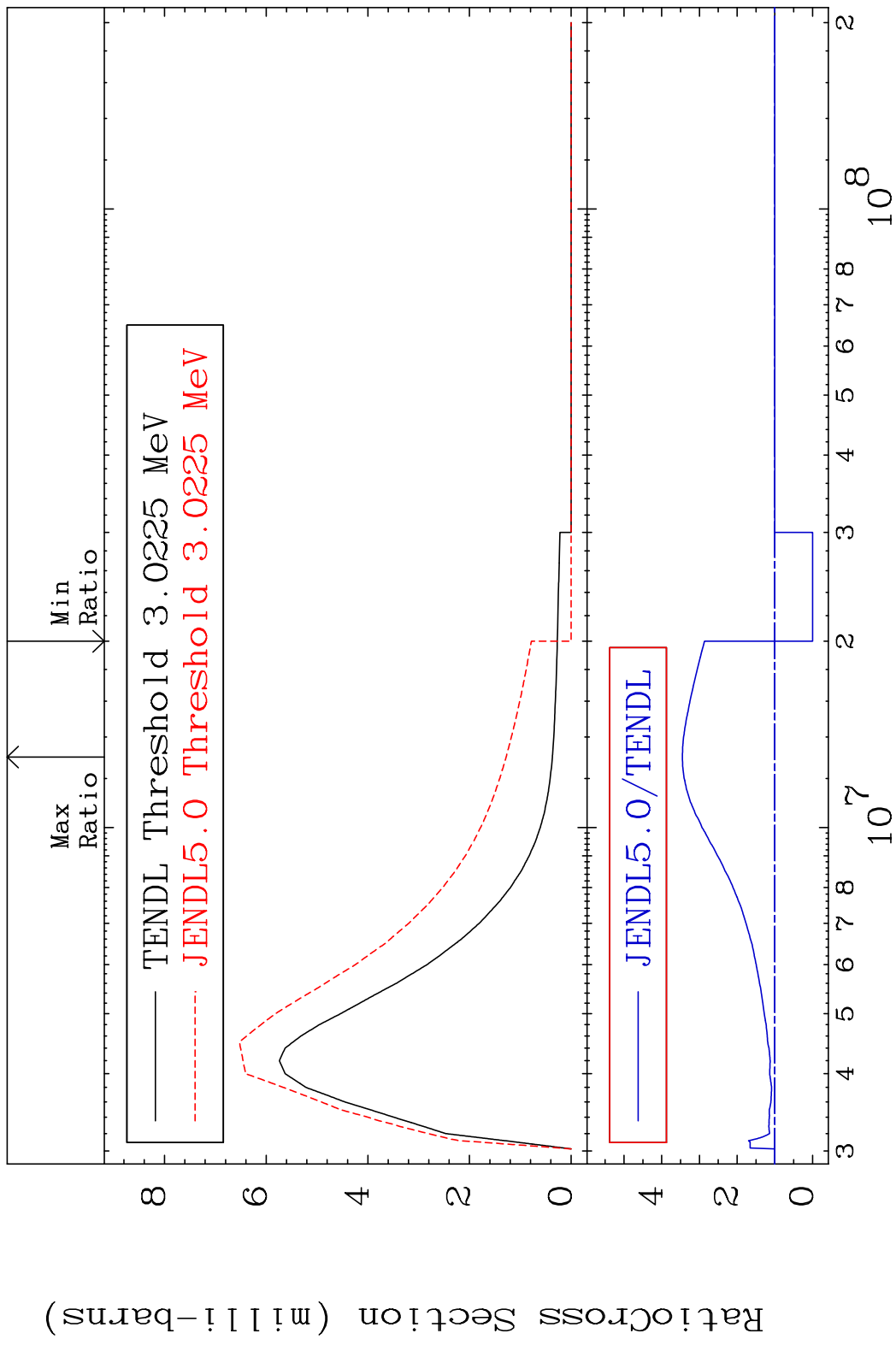
MAT 2716 MT= 76 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



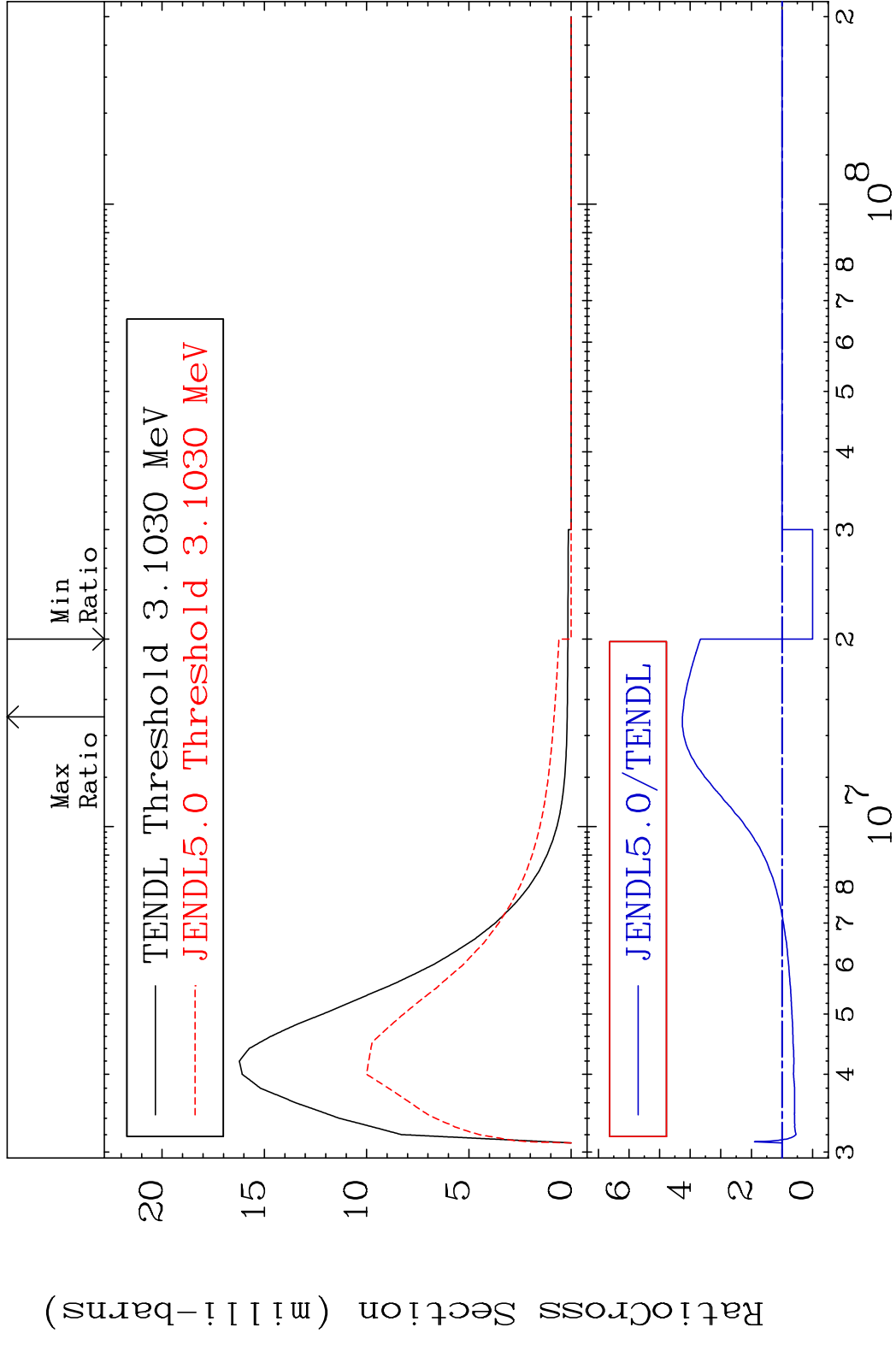
MAT 2716 MT= 77 (n, n') Level 27-Co-56
 Cross Section -100.0 To 396.5 %



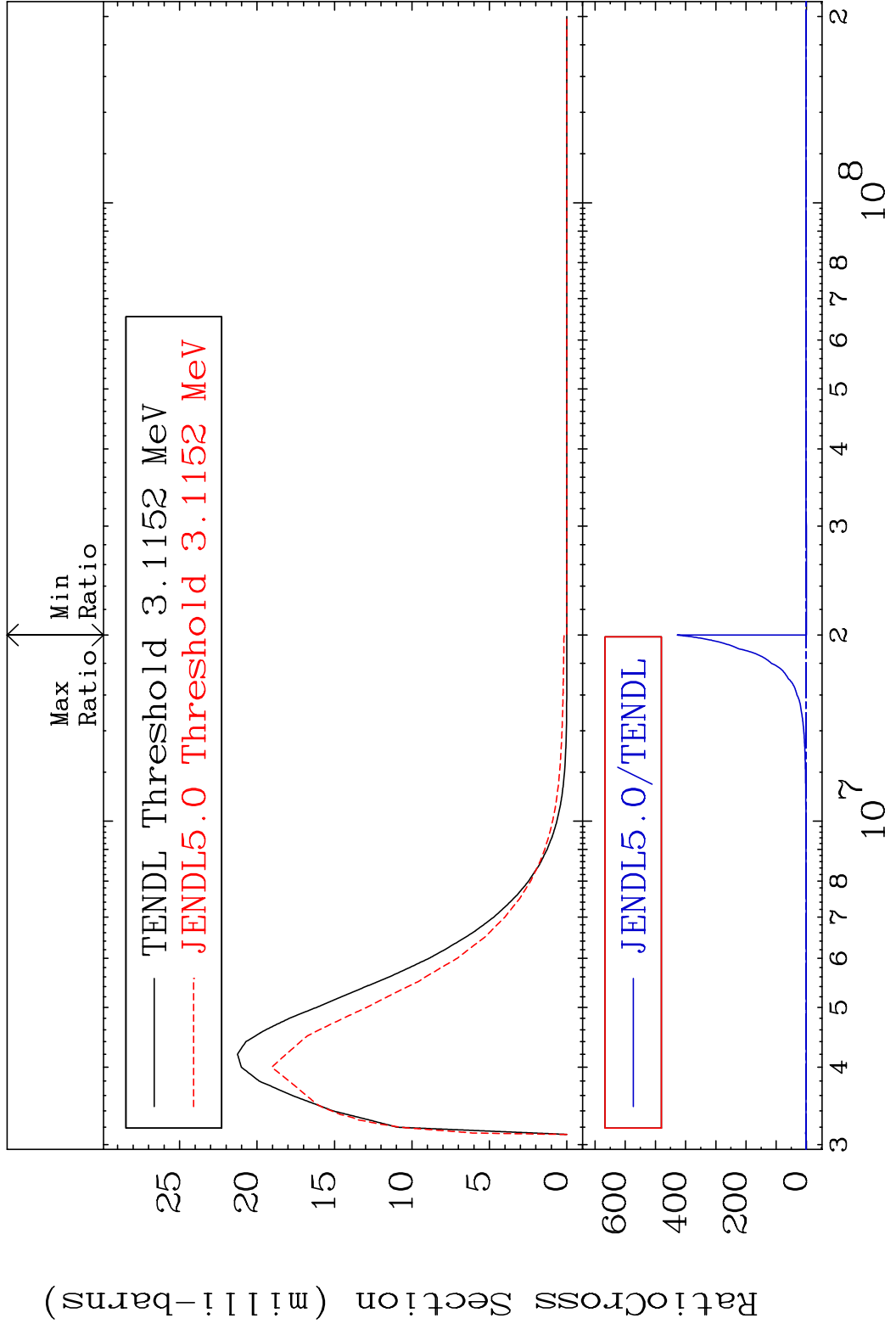
MAT 2716 MT= 78 (n, n') Level 27-Co-56
 Cross Section -100.0 To 245.3 %



MAT 2716 MT= 79 (n, n') Level 27-Co-56
 Cross Section -100.0 To 325.7 %

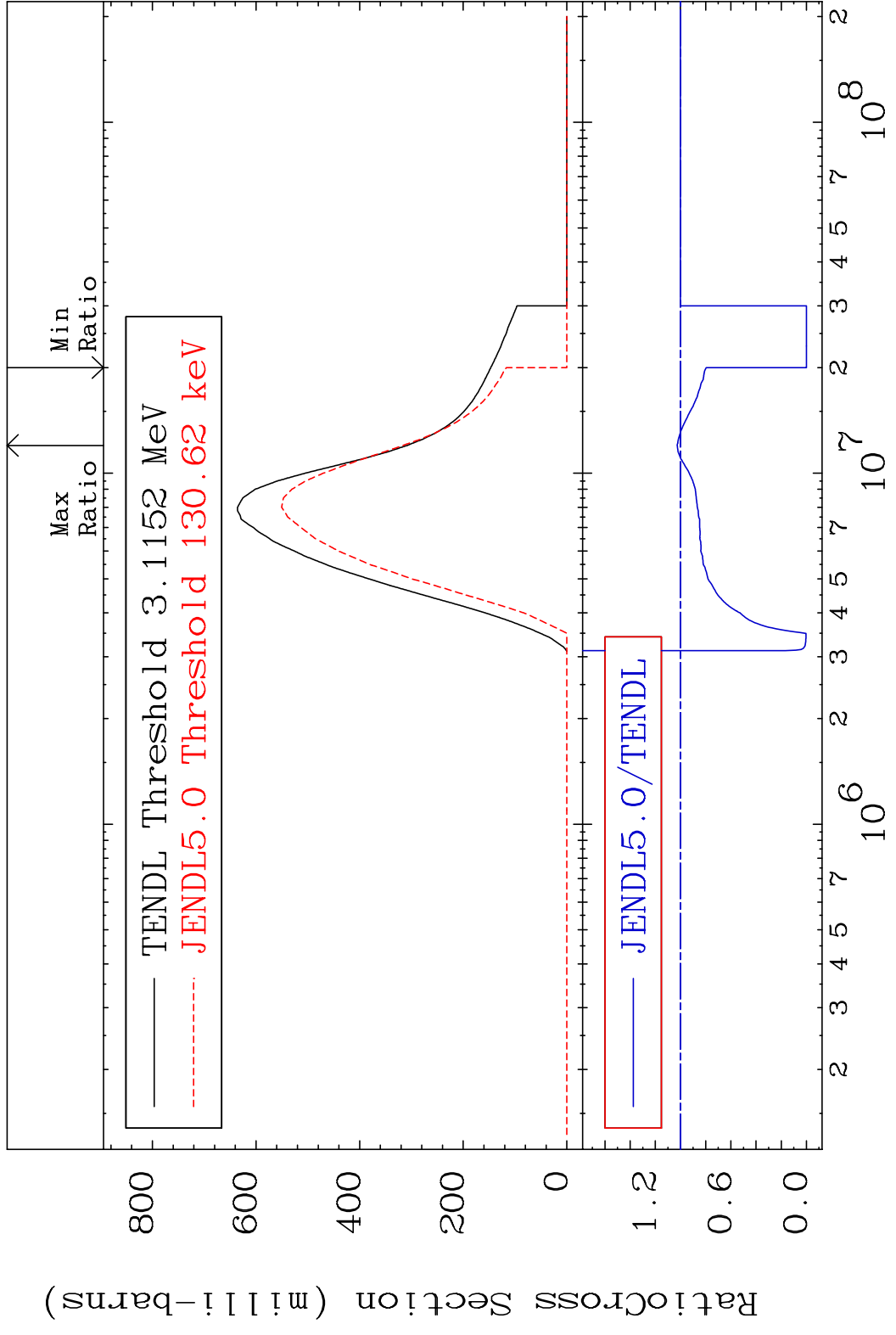


MAT 2716 MT= 80 (n, n') Level 27-Co-56
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 27-Co-56

MAT 2716 (n, n') Continuum 27-Co-56
 Cross Section -100.0 To 2.620 %

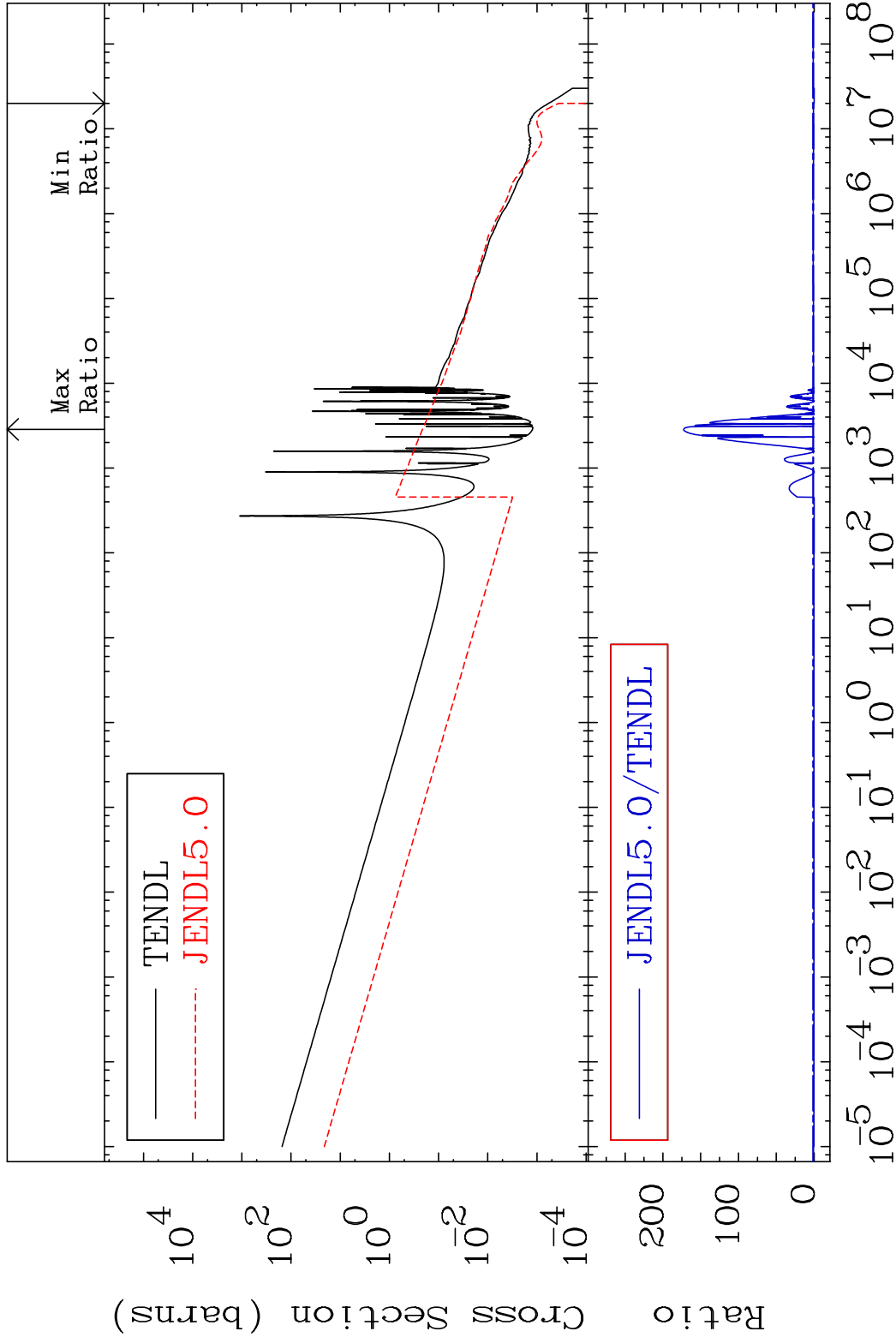


MAT 2716

(n, γ)

27-Co-56

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

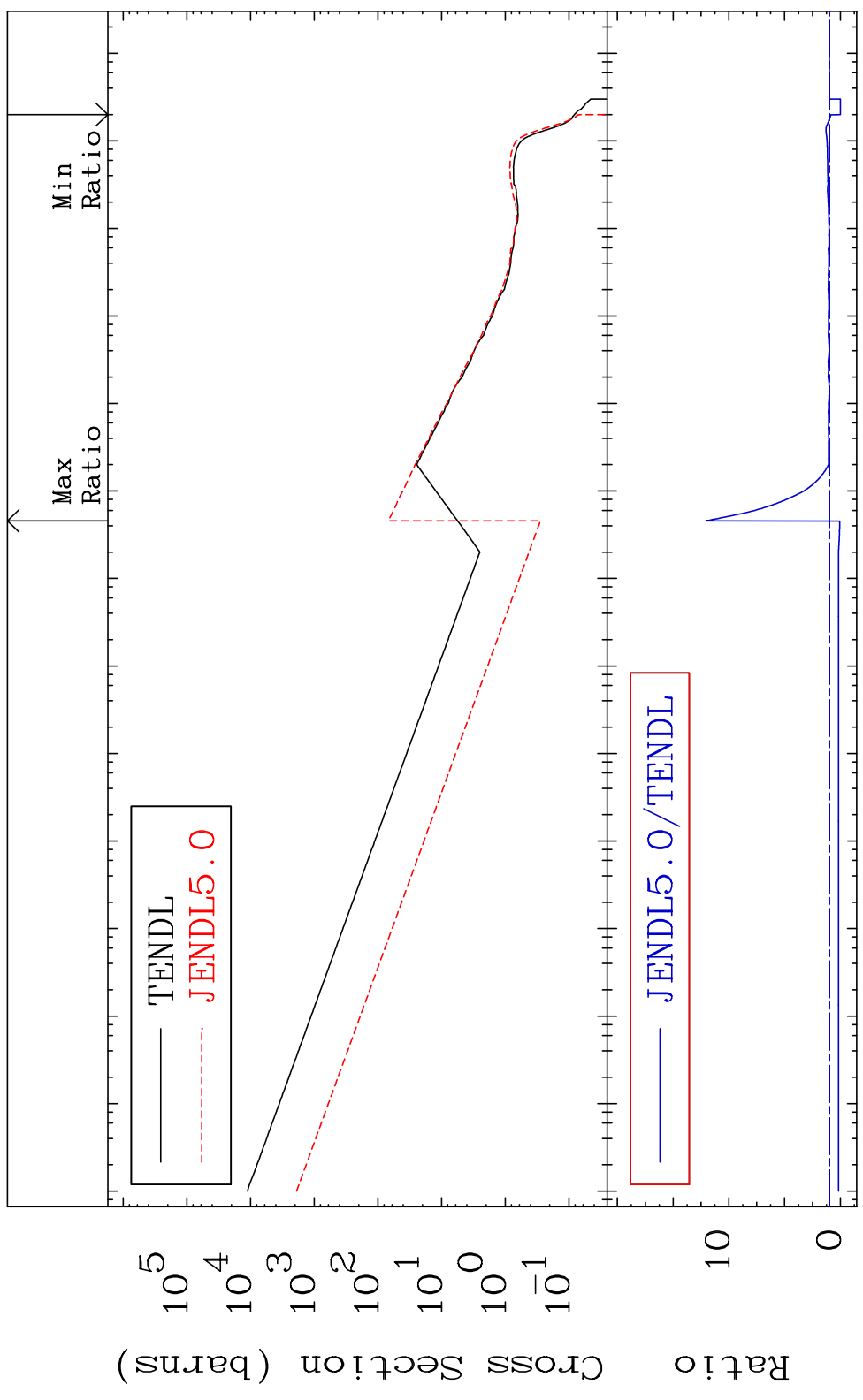
27-Co-56

MAT 2716

(n, p)

27-Co-56

Cross Section -100.0 To 1108. %



43

Incident Energy (eV)

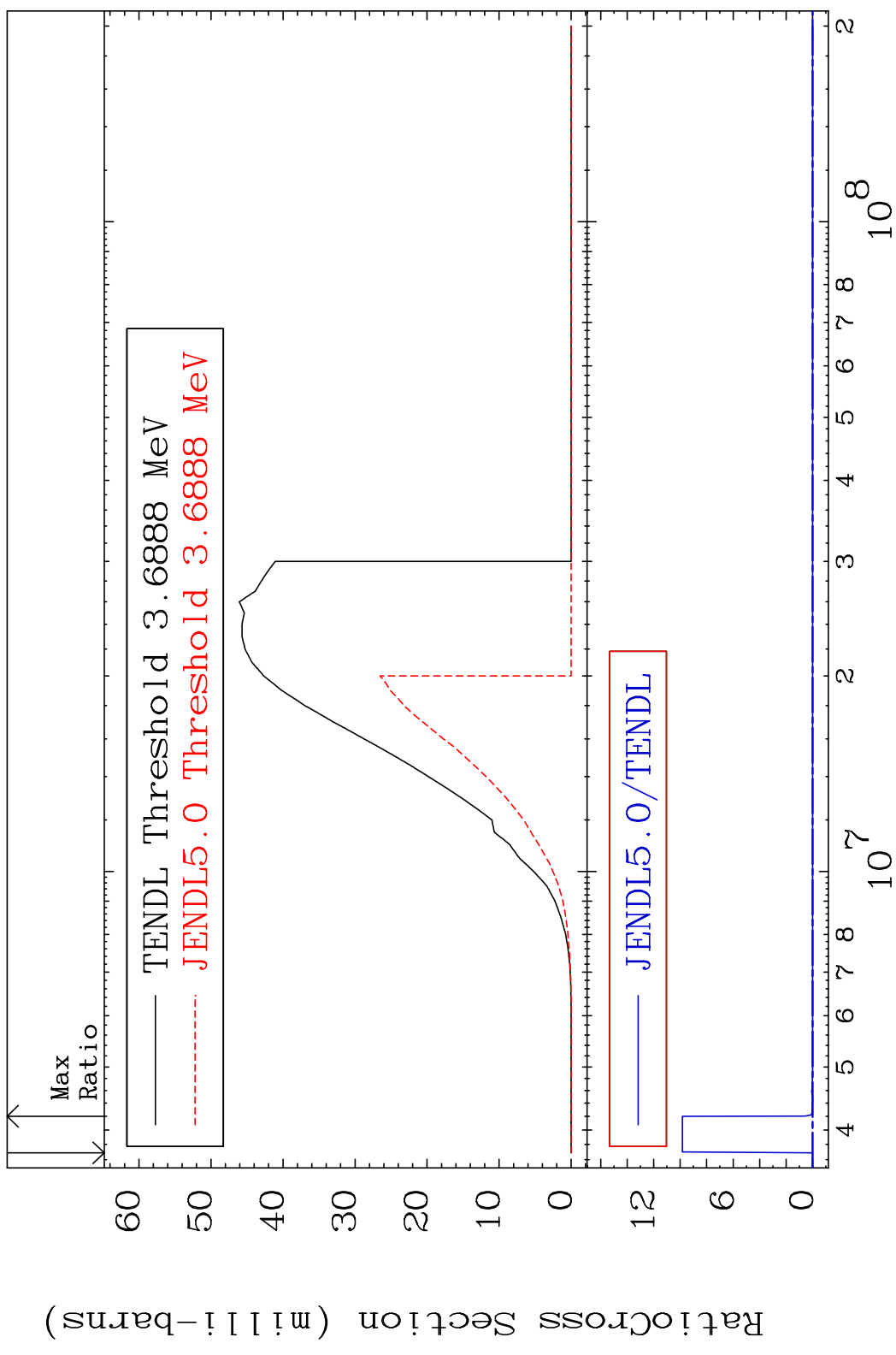
27-Co-56

MAT 2716

(n,d)

27-Co-56

Cross Section -100.0 To 9999. %

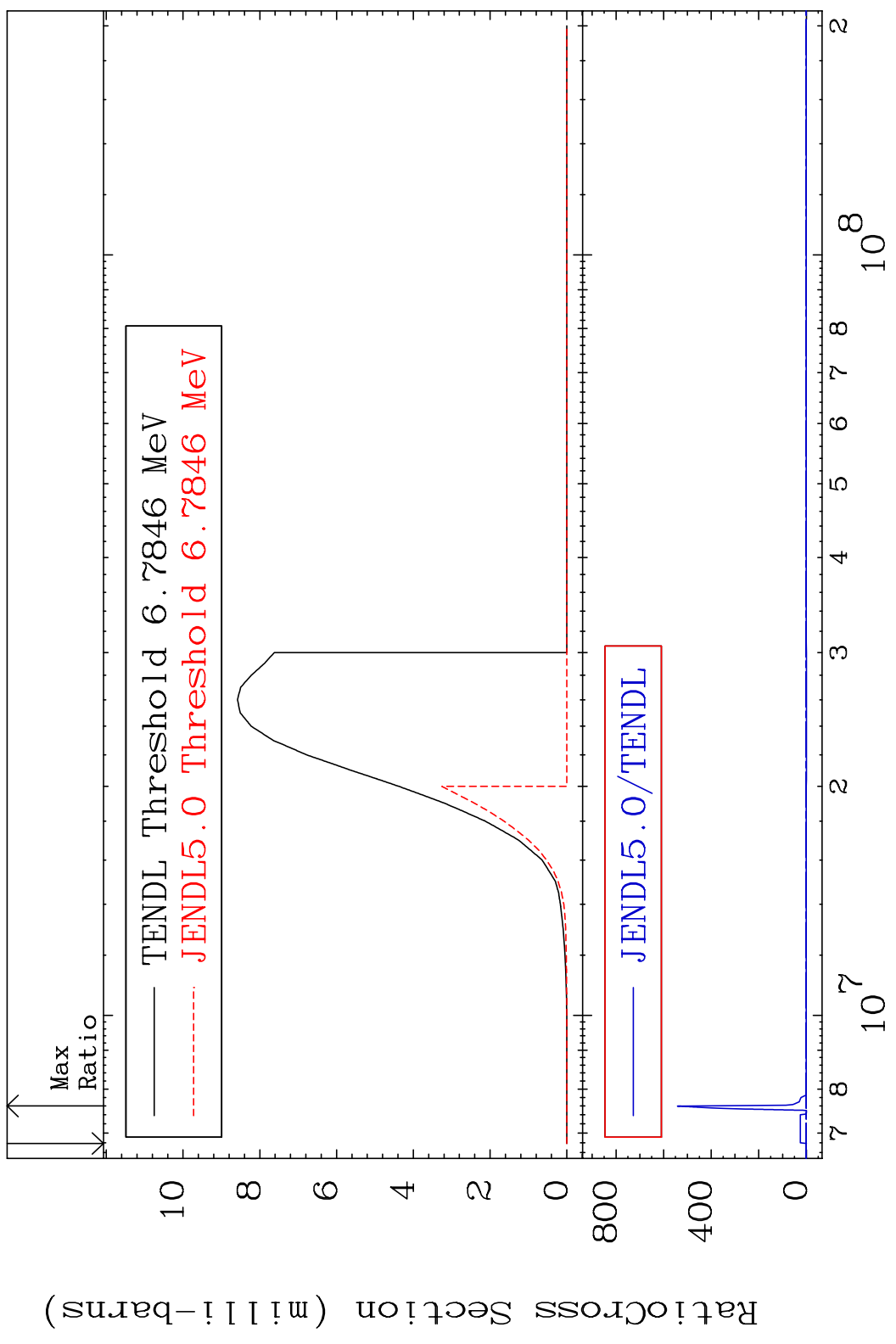


MAT 2716

(n, t)

27-Co-56

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

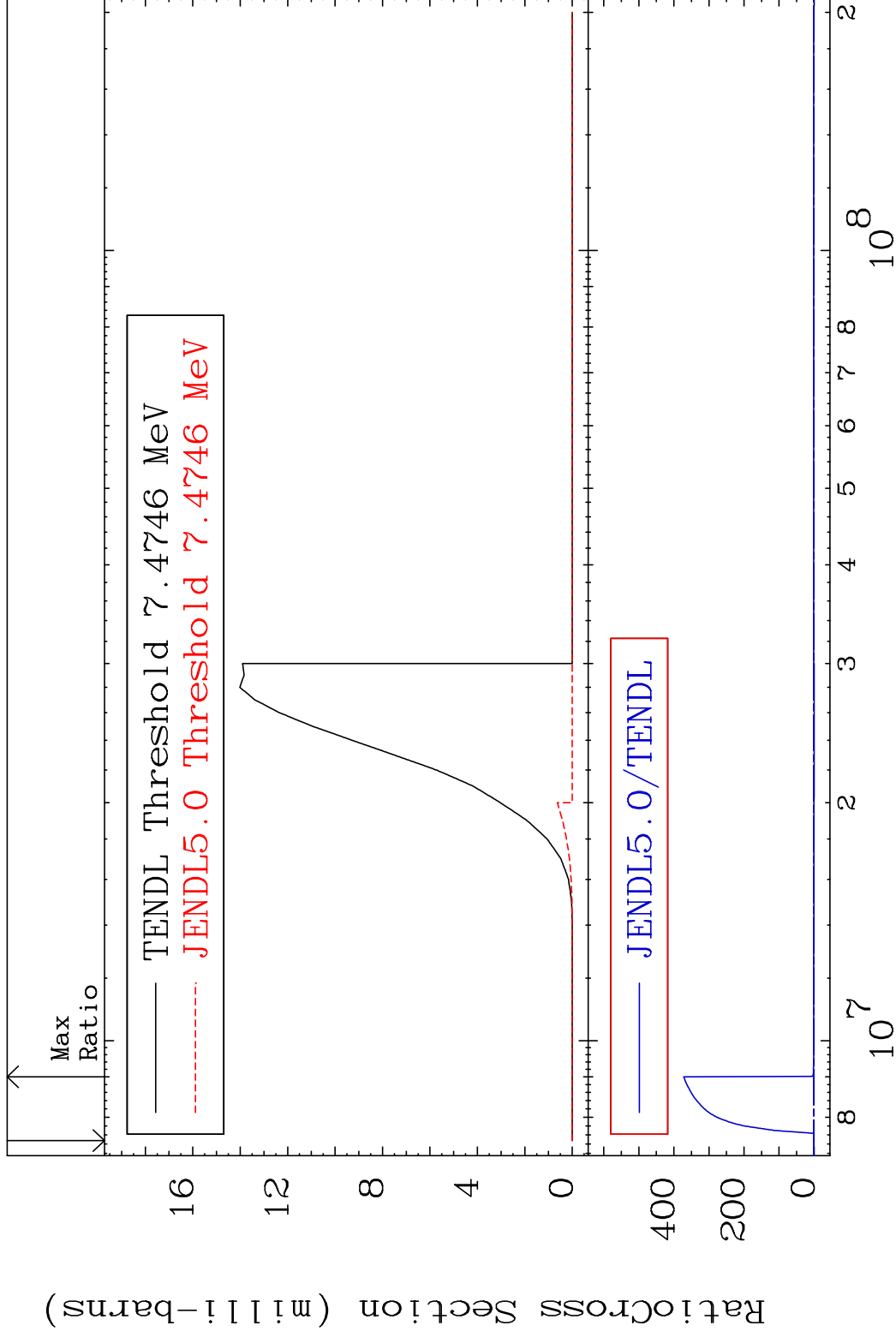
27-Co-56

MAT 2716

(n, He-3)

27-Co-56

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

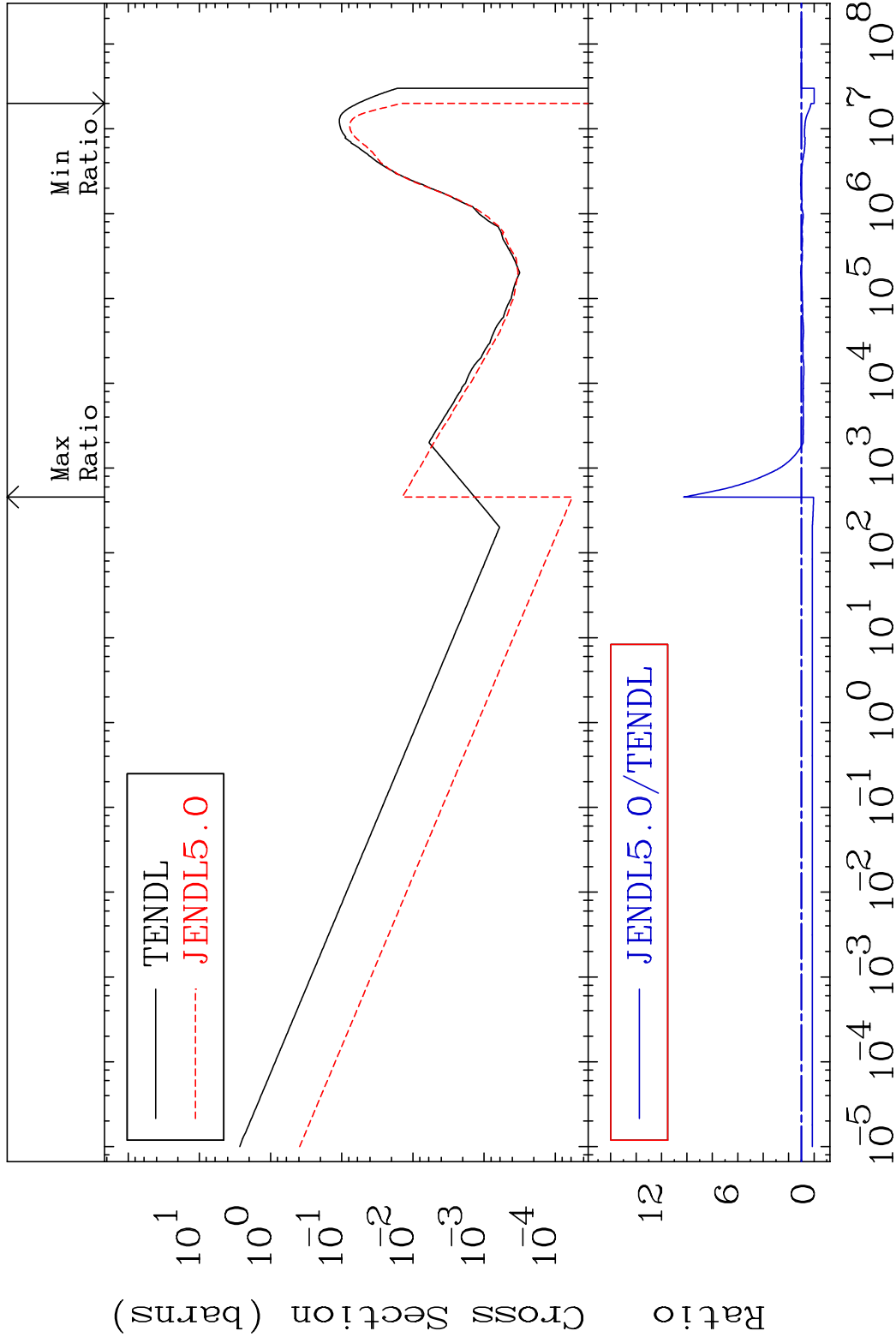
27-Co-56

MAT 2716

(n, α)

27-Co-56

Cross Section -100.0 To 925.7 %



47

Incident Energy (eV)

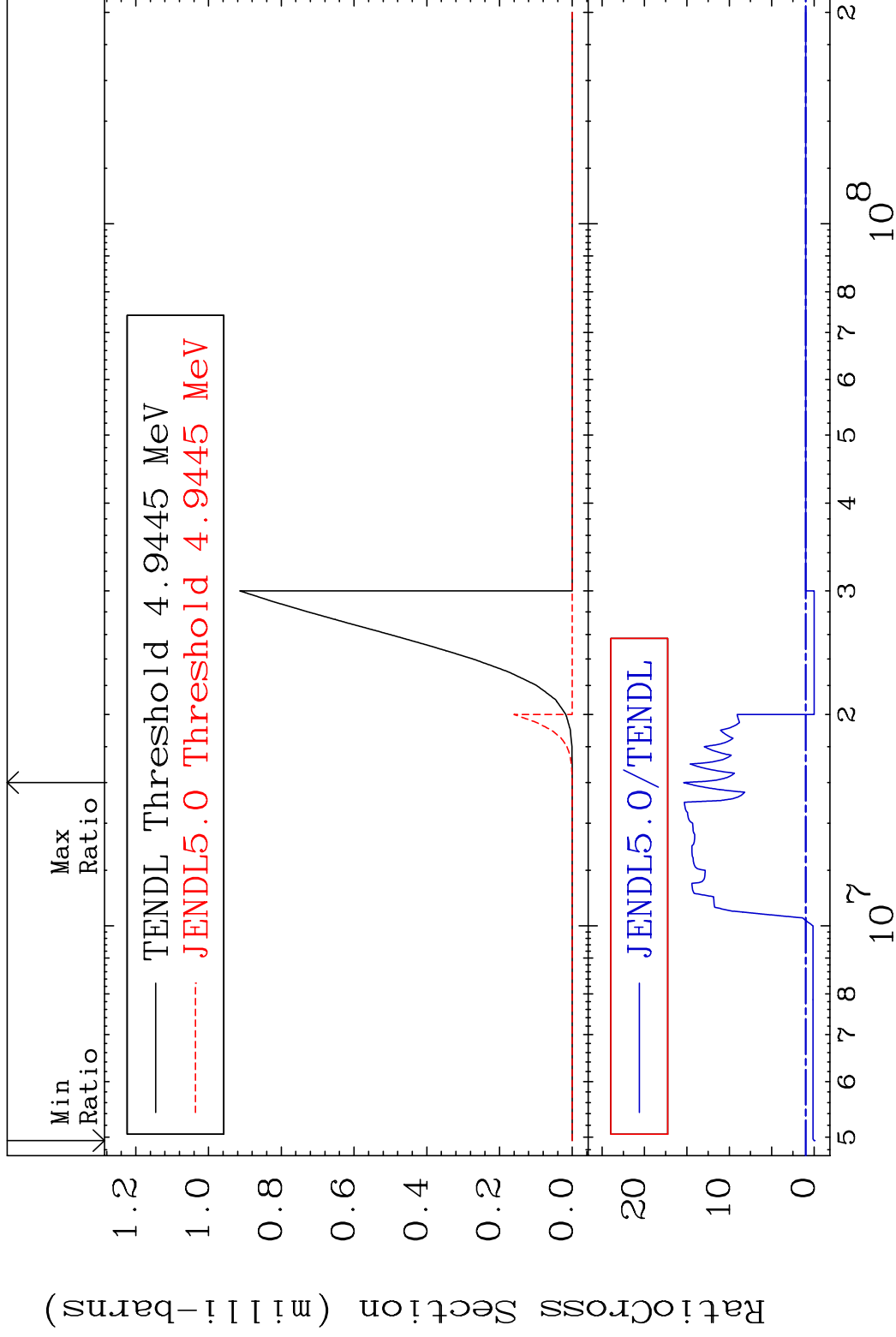
27-Co-56

MAT 2716

(n,2α)

27-Co-56

Cross Section -100.0 To 1438. %



48

Incident Energy (eV)

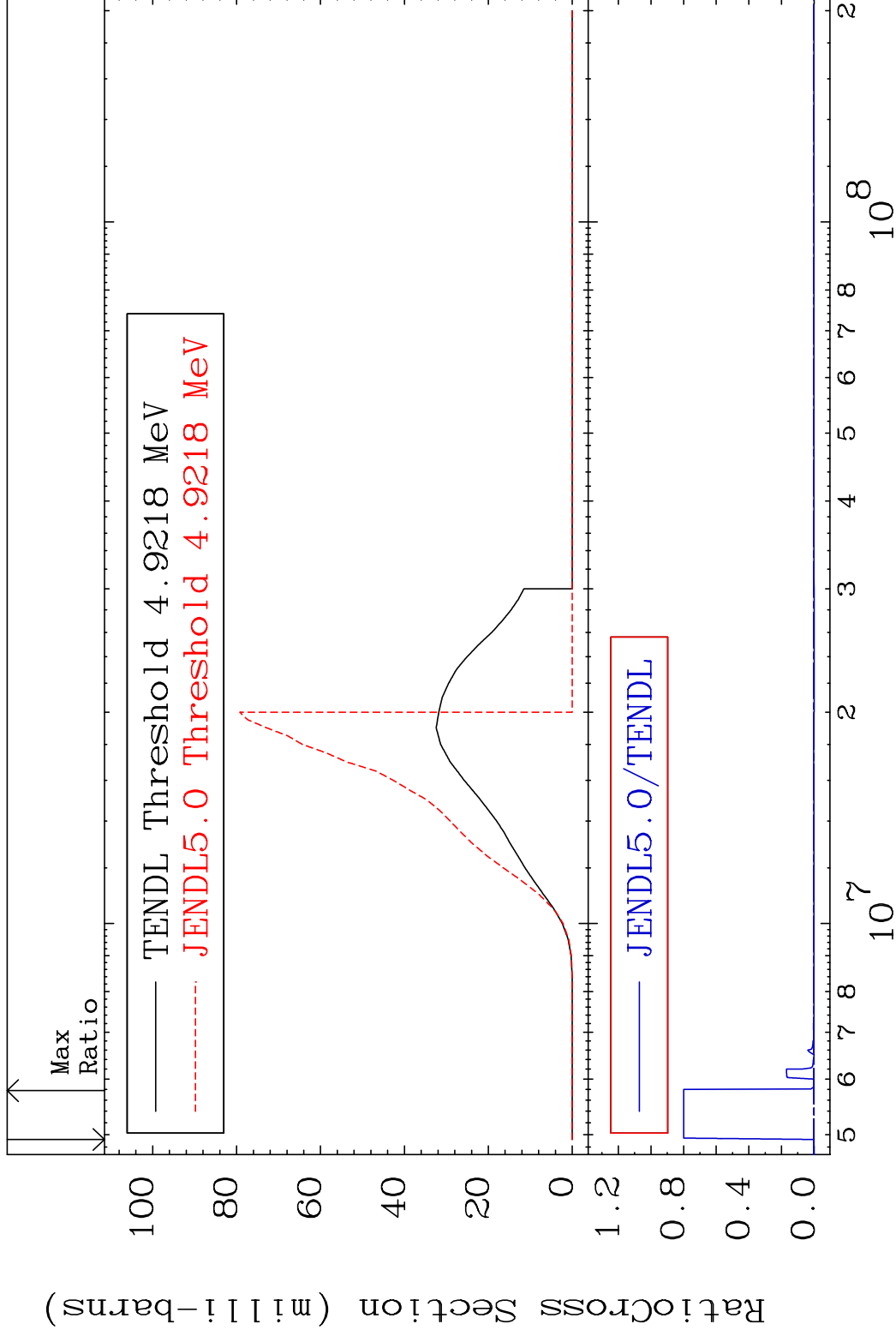
27-Co-56

MAT 2716

(n,2p)

27-Co-56

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

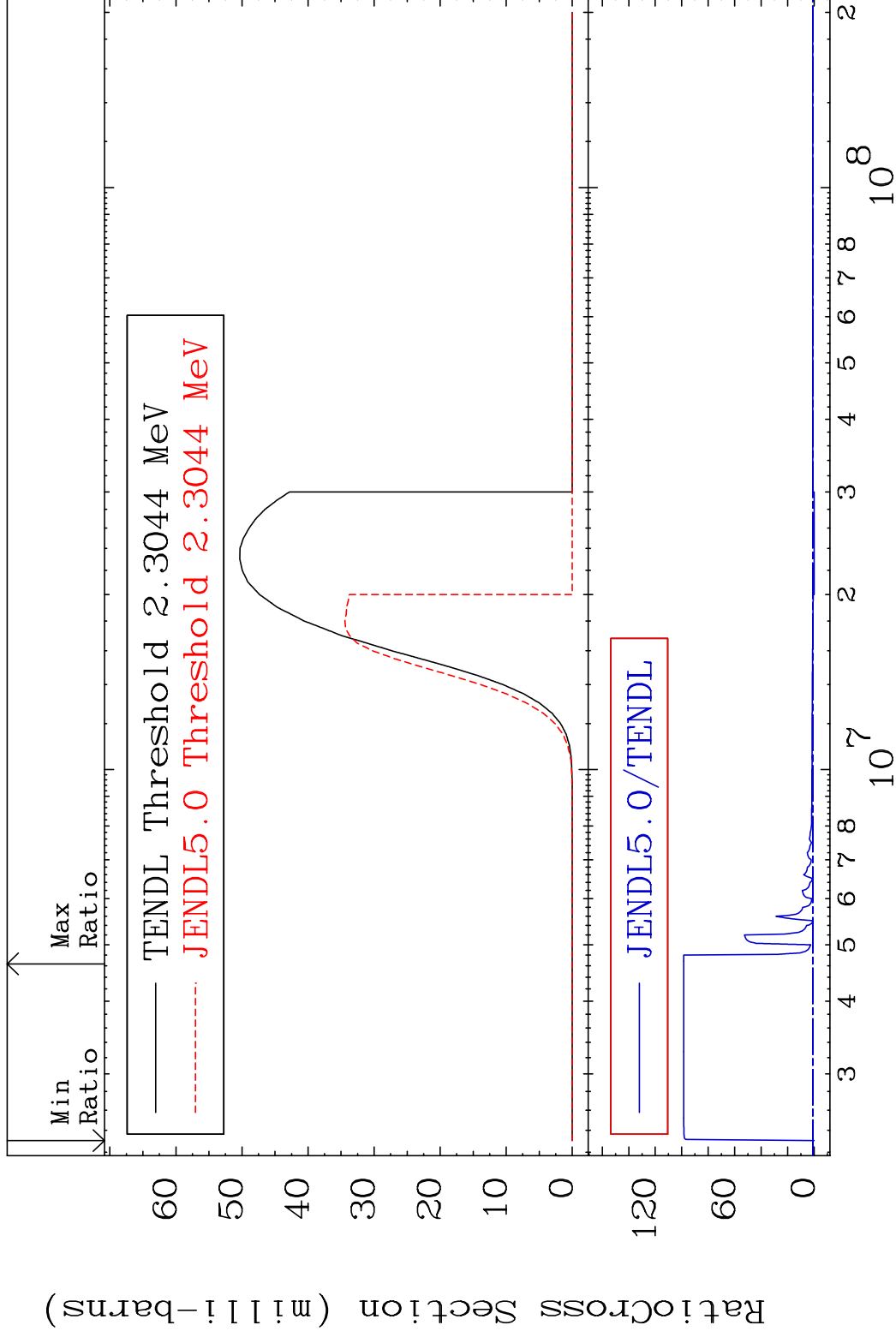
27-Co-56

MAT 2716

(n,p) α

27-Co-56

Cross Section -100.0 To 9753. %

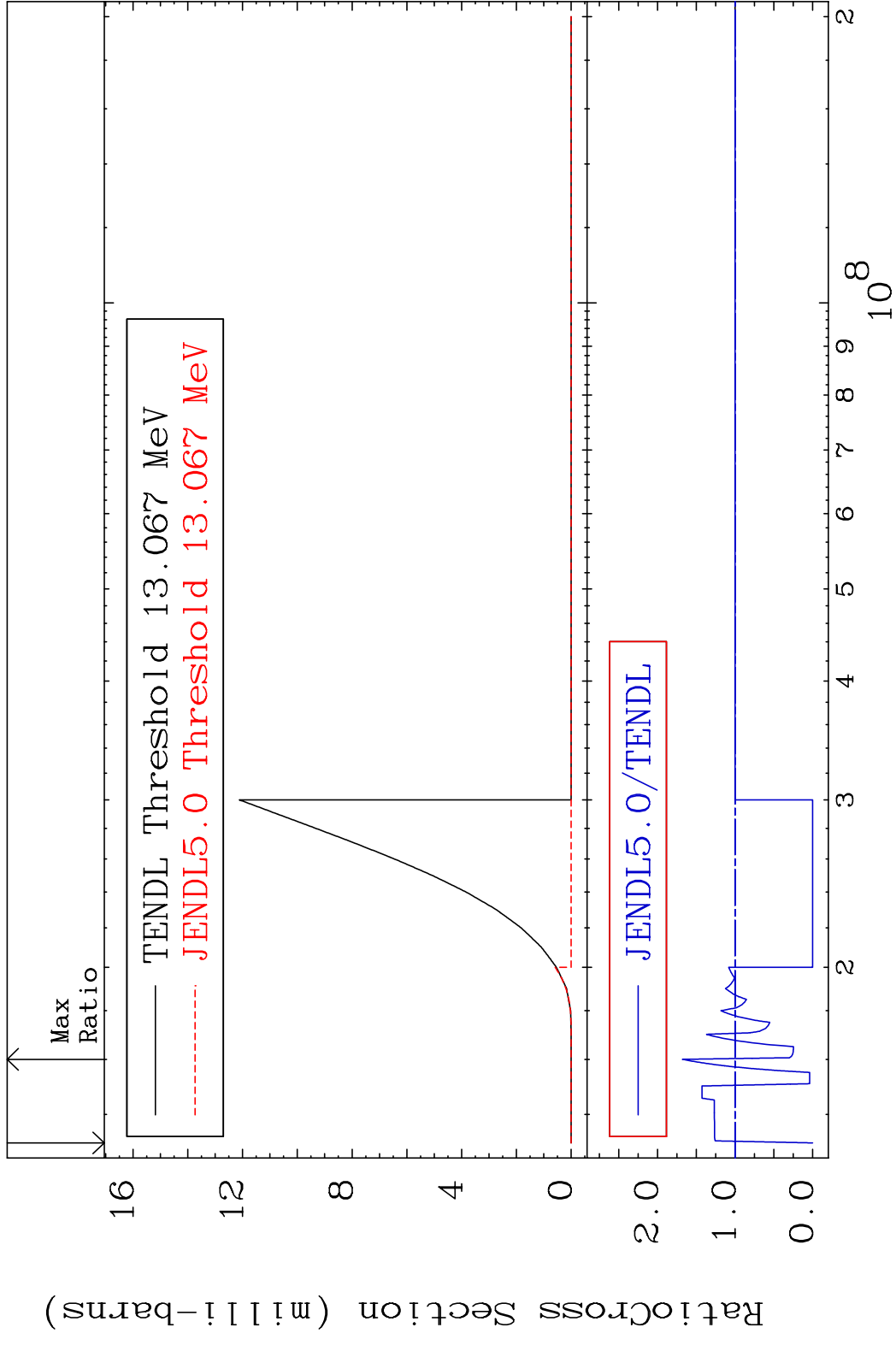


50

Incident Energy (eV)

27-Co-56

MAT 2716 (n,p) d 27-Co-56
 Cross Section -100.0 To 67.89 %

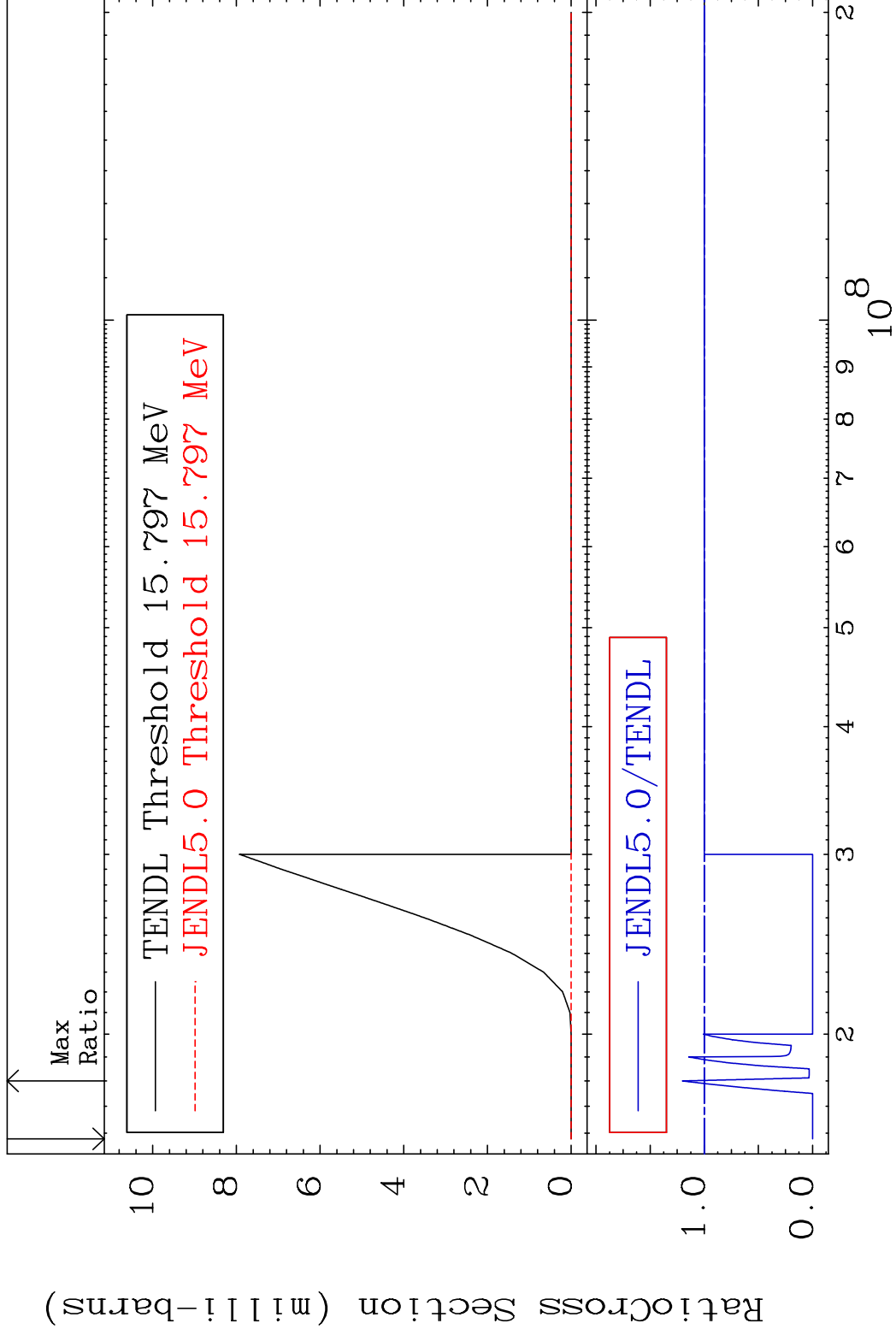


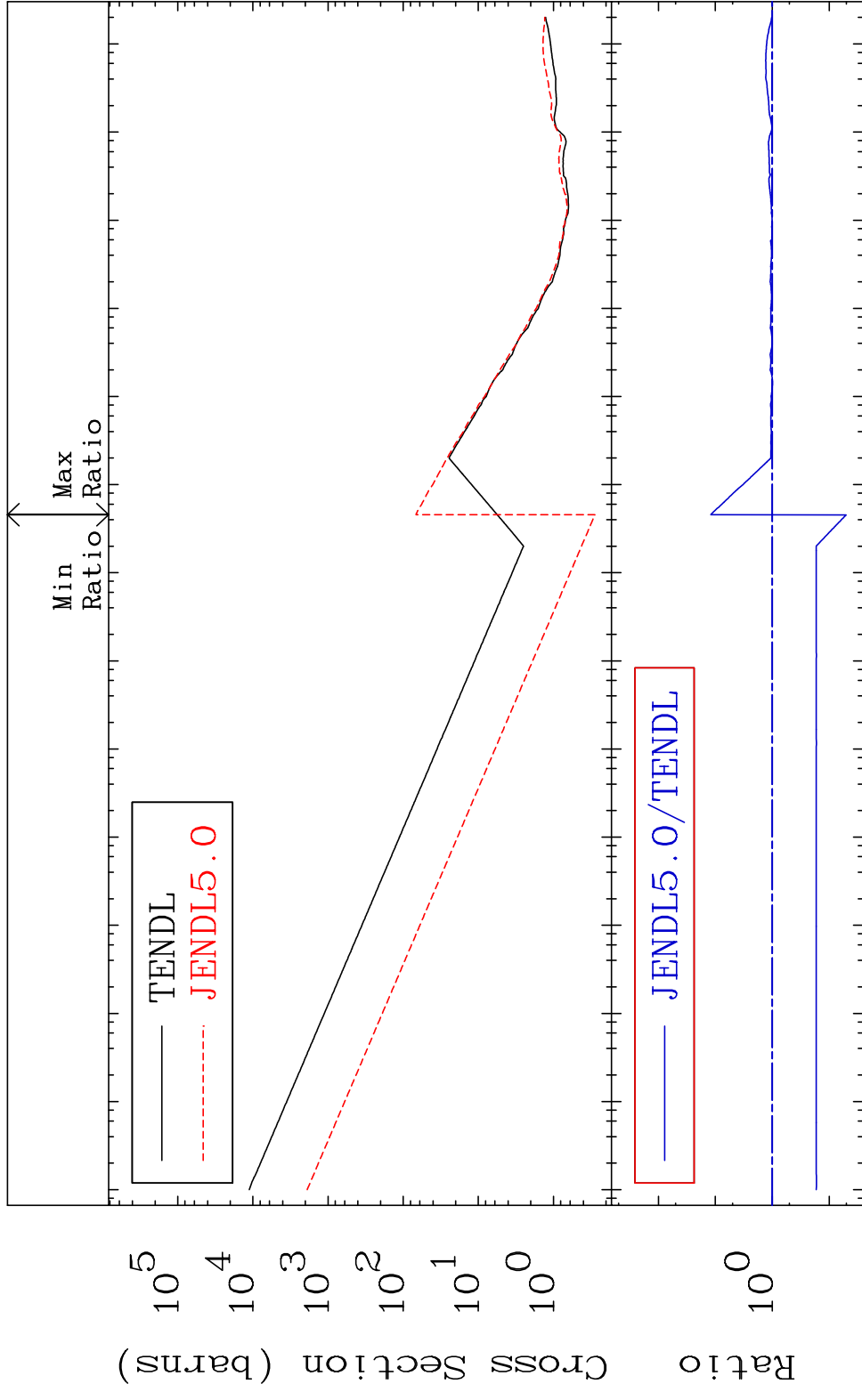
MAT 2716

(n,p) t

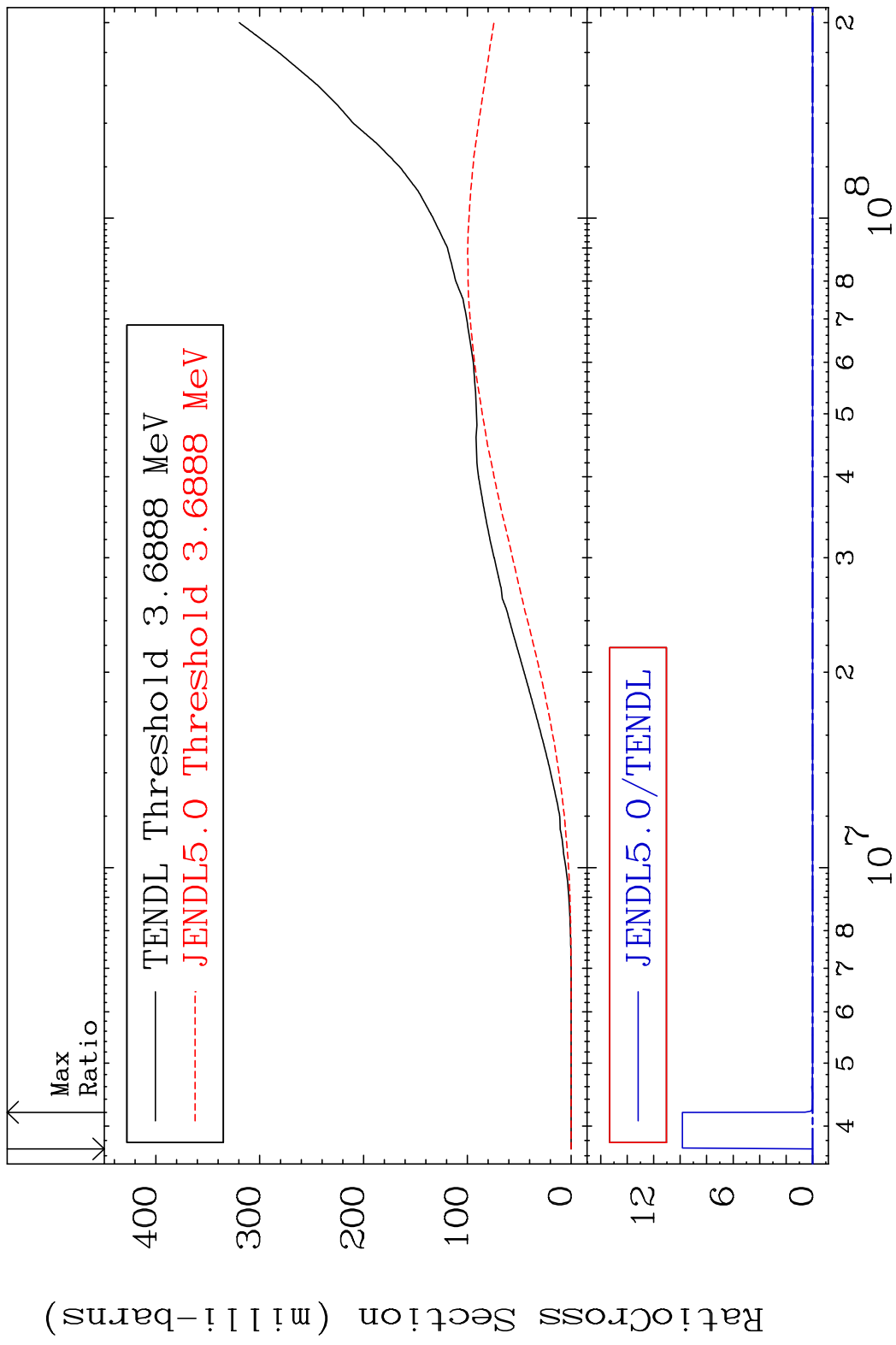
27-Co-56

Cross Section -100.0 To 20.28 %





MAT 2716 Deuterium Production 27-Co-56
 Cross Section -100.0 To 9999. %

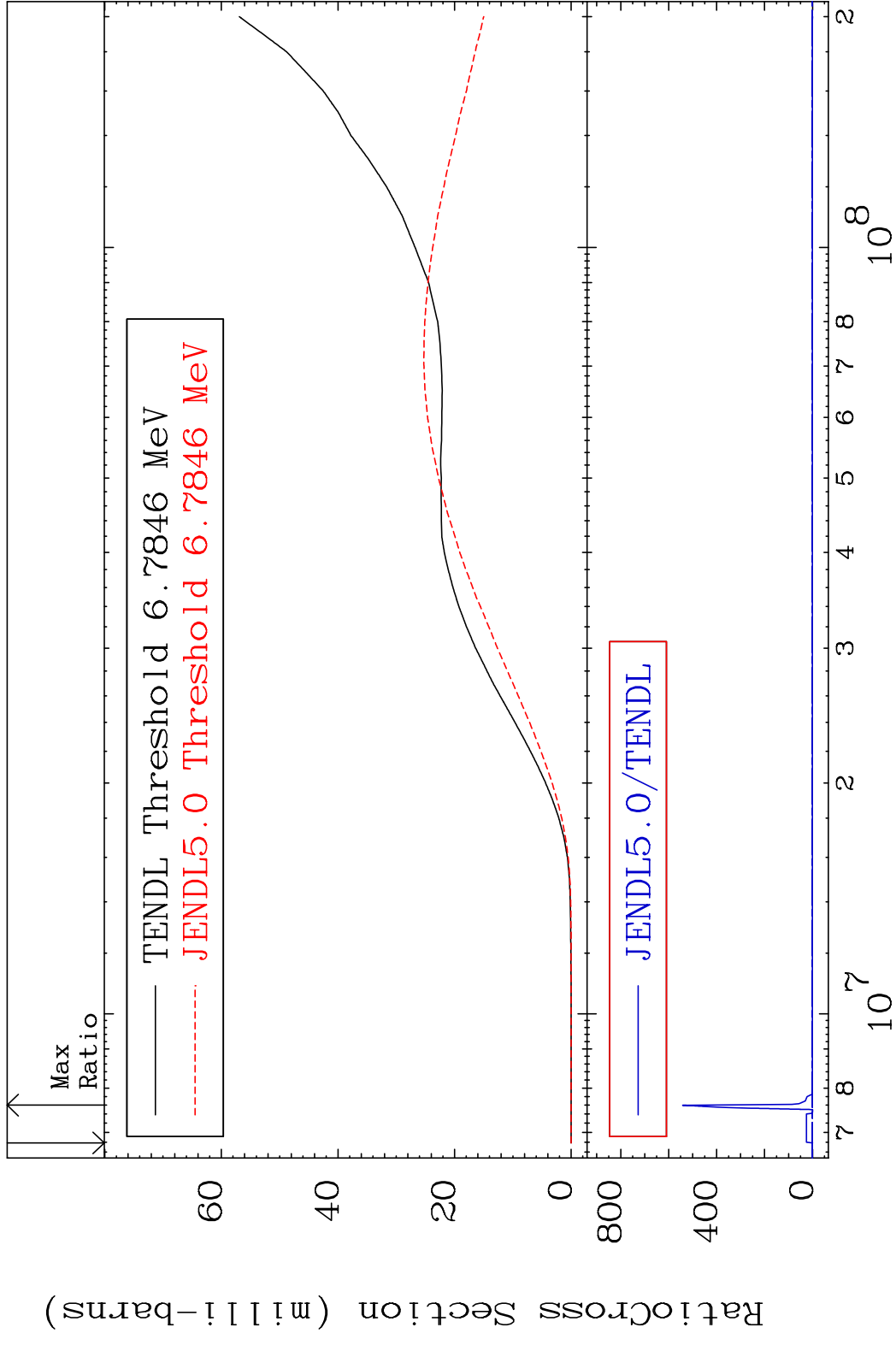


MAT 2716

Tritium Production

27-Co-56

Cross Section -100.0 To 9999. %



55

Incident Energy (eV)

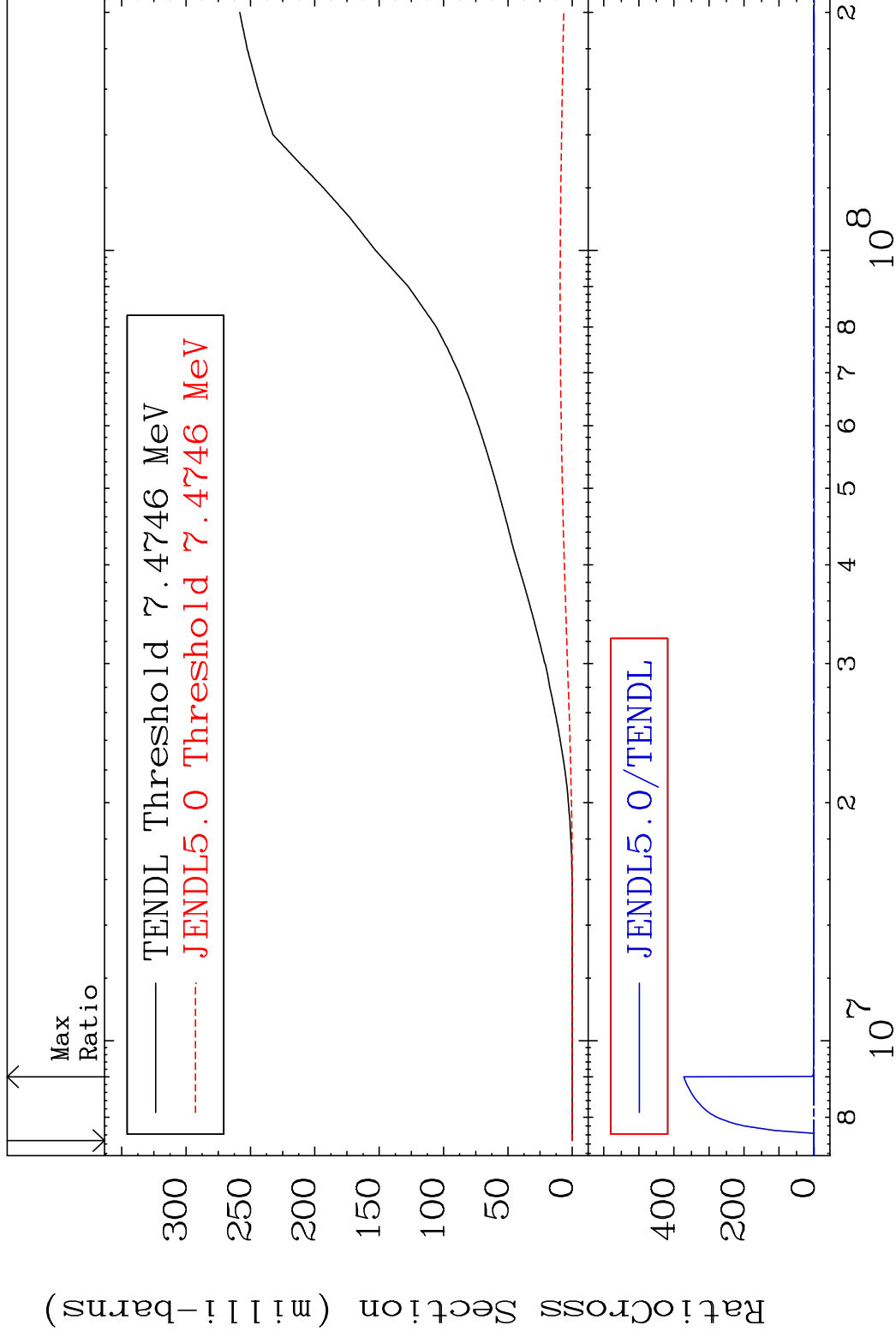
27-Co-56

MAT 2716

He-3 Production

27-Co-56

Cross Section -100.0 To 9999. %



56

Incident Energy (eV)

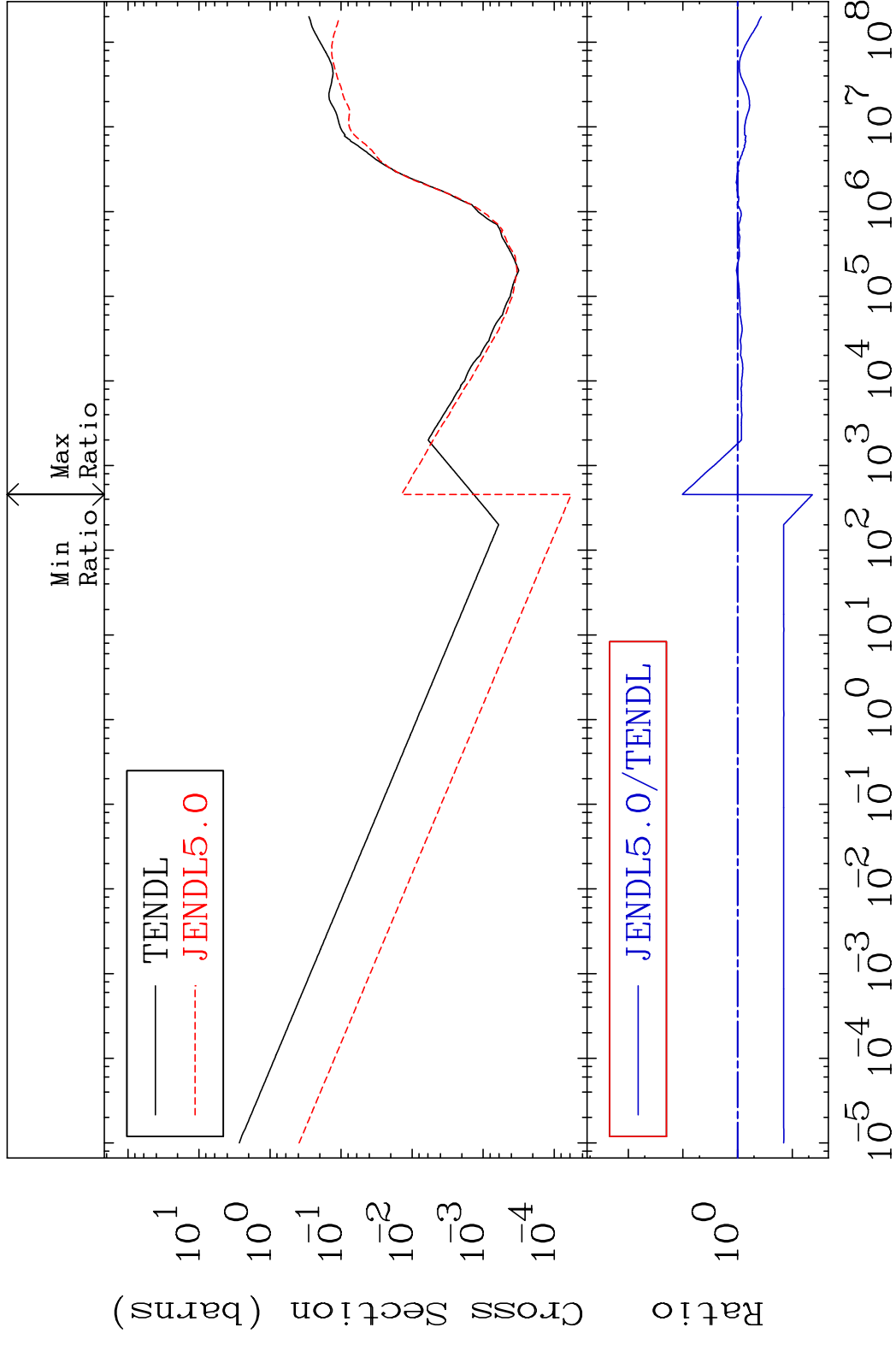
27-Co-56

MAT 2716

He-4 Production

27-Co-56

Cross Section -95.75 To 925.7 %



57

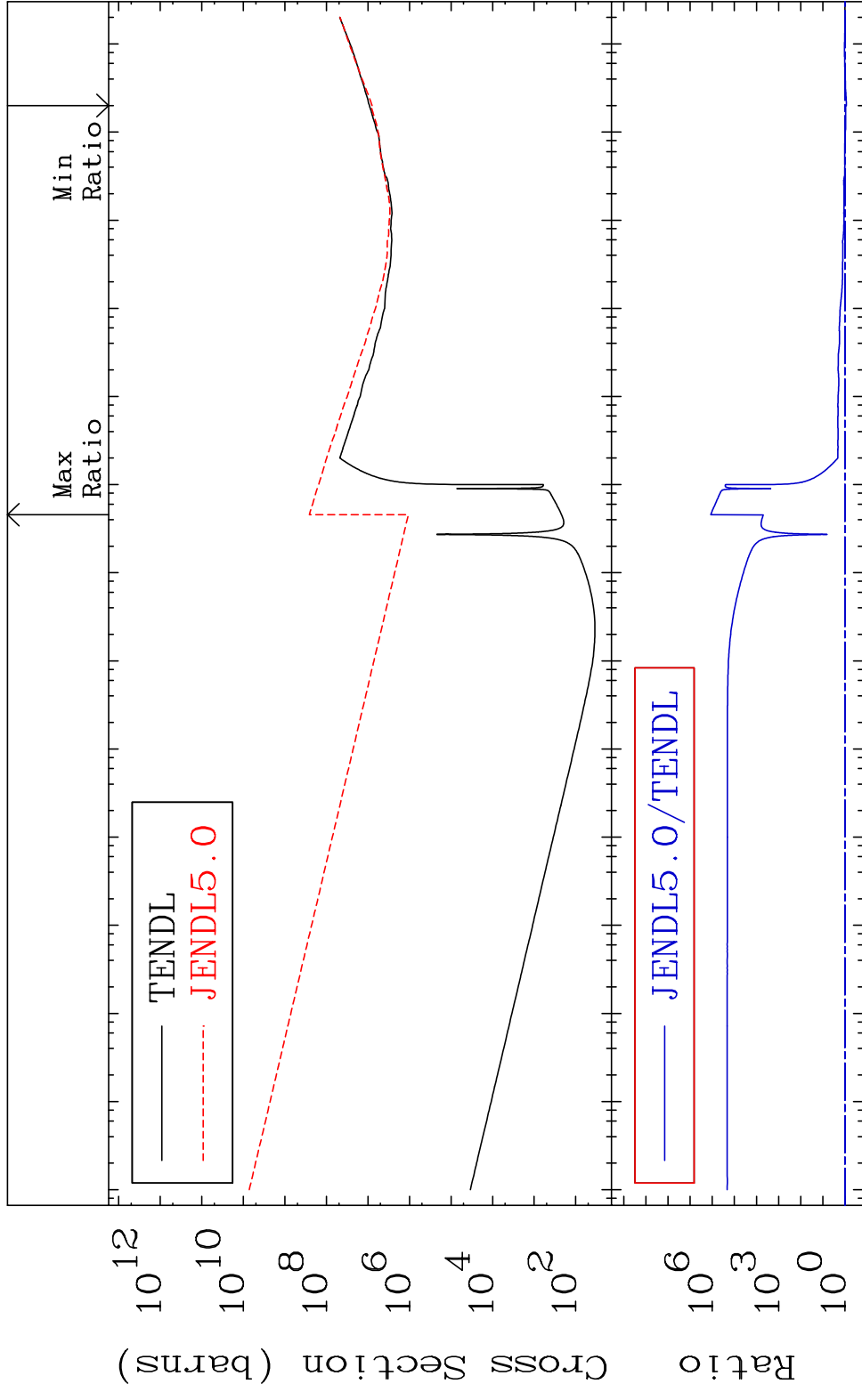
Incident Energy (eV)

27-Co-56

MAT 2716

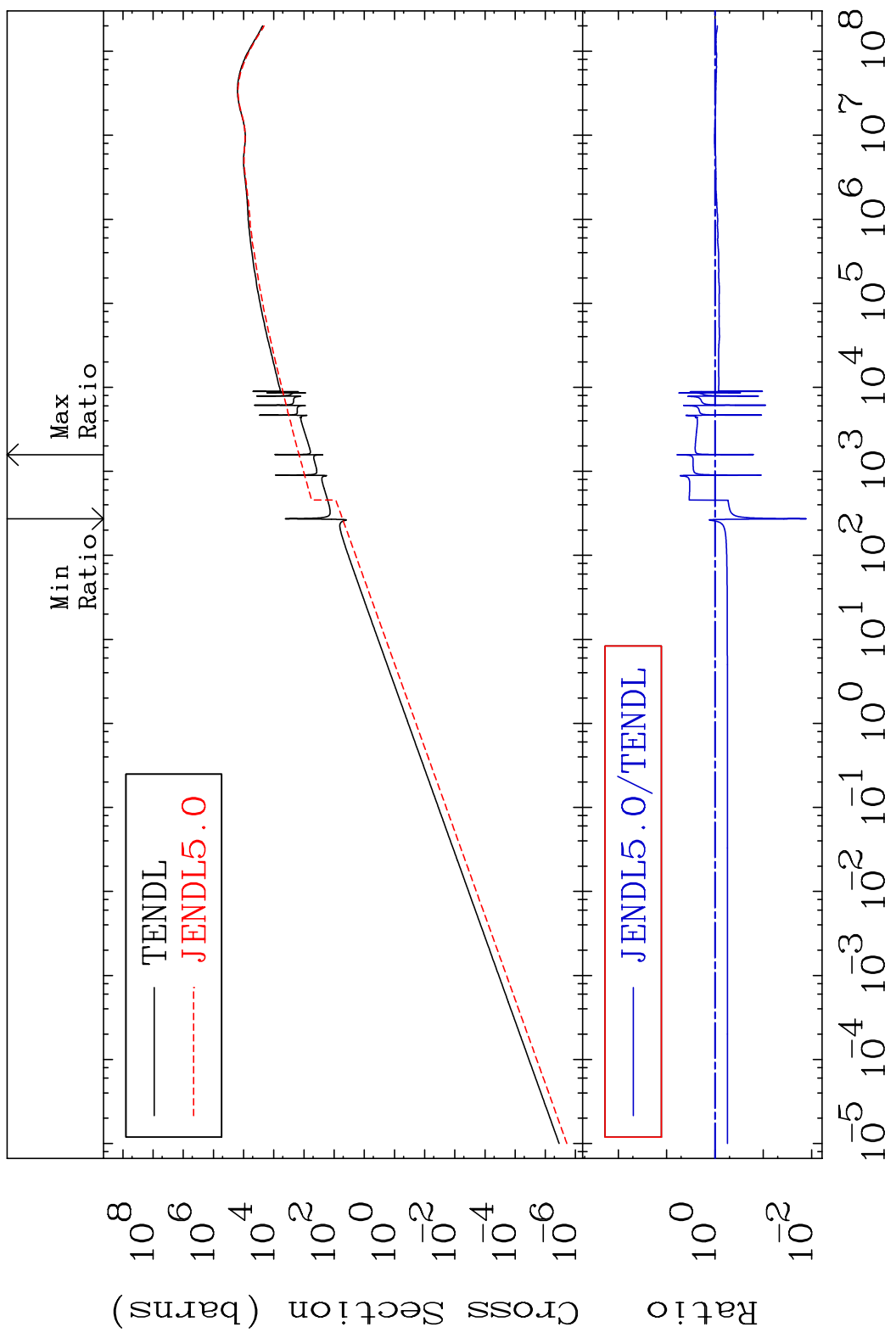
Kerma total (eV-barns) 27-Co-56

Cross Section -13.42 To 9999. %



MAT 2716

Kerma elastic Cross Section -98.72 To 504.8 %
27-Co-56

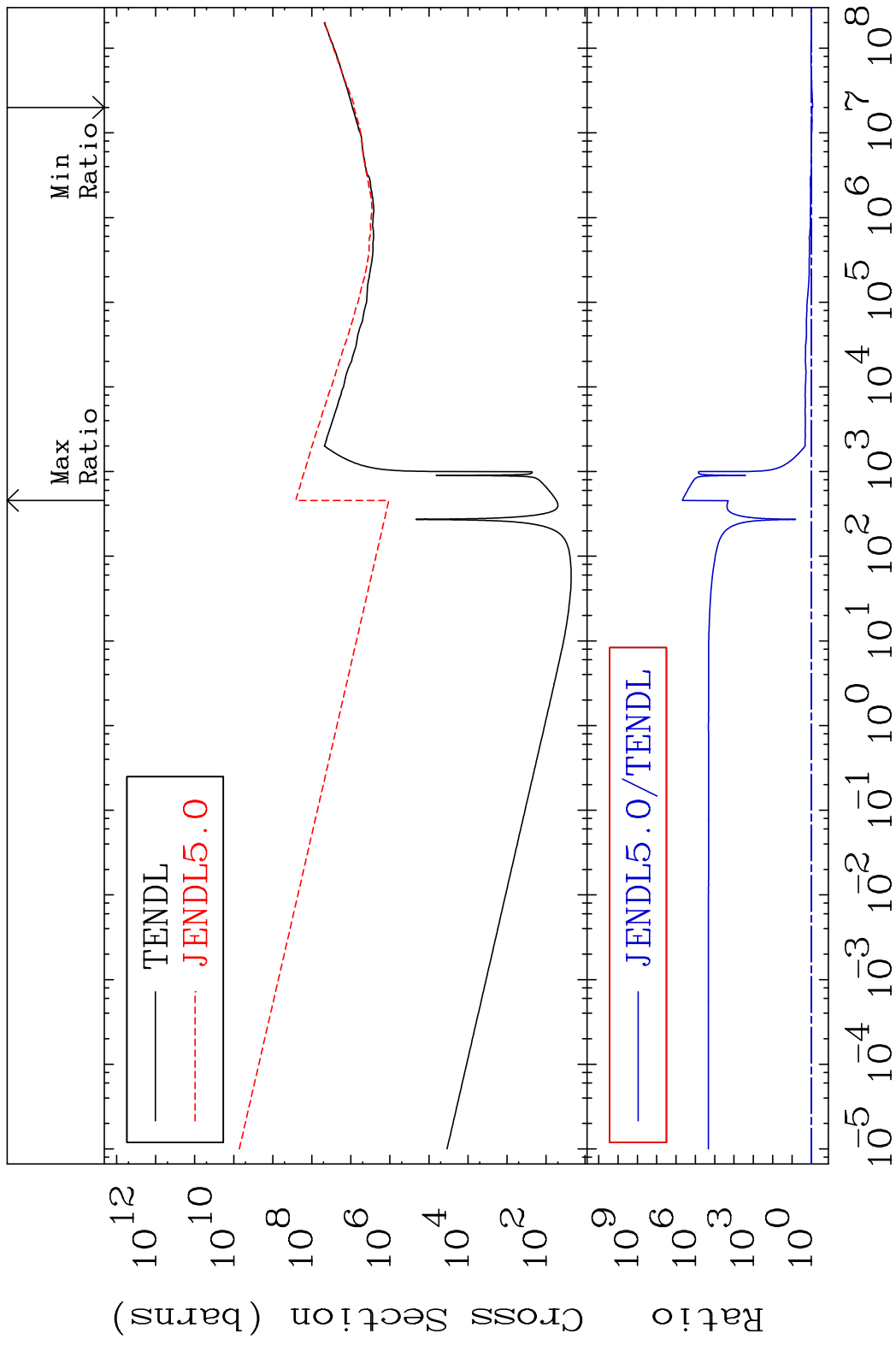


59

Incident Energy (eV)

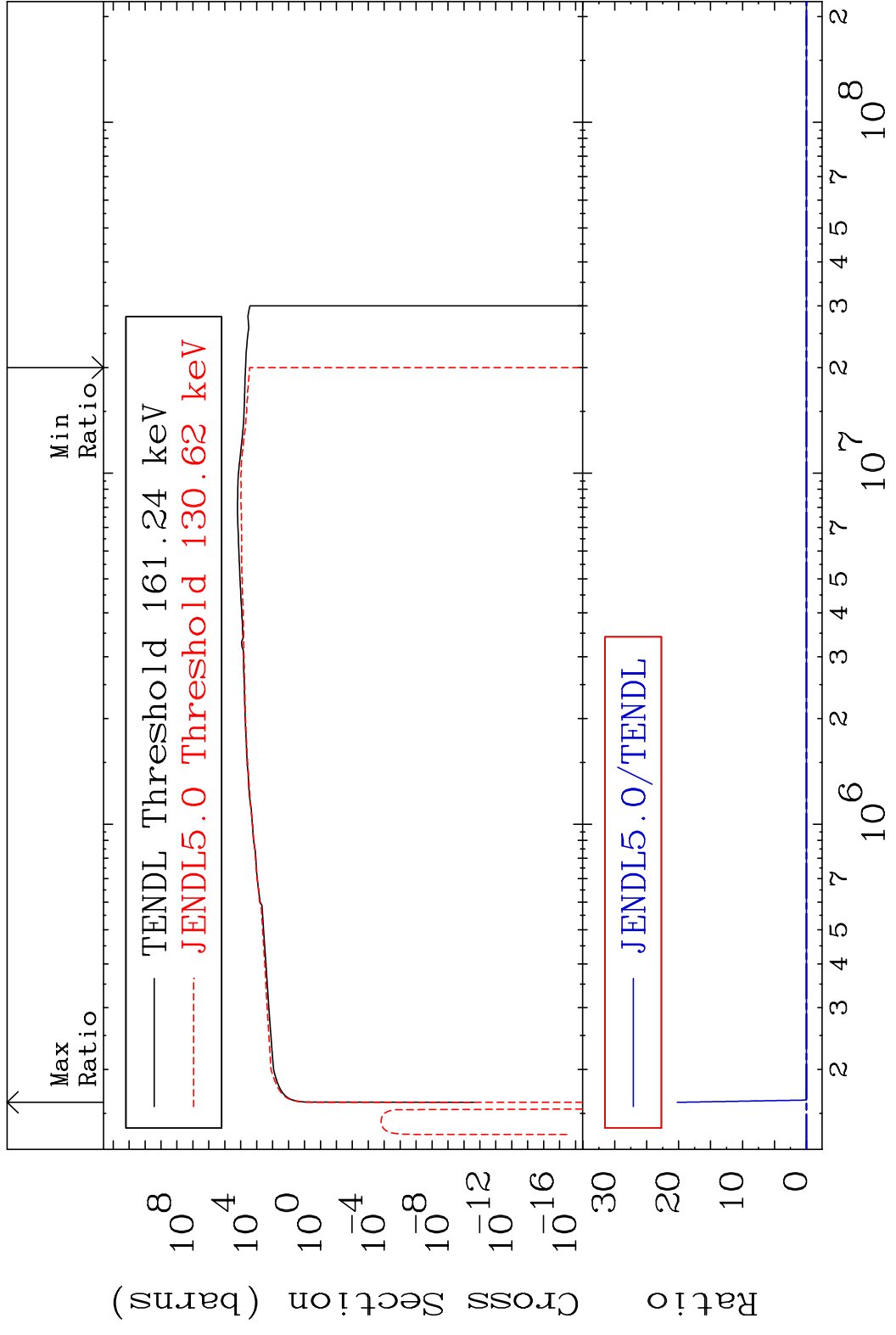
27-Co-56

MAT 2716 Kerma non-elastic (all but mt2) 27-Co-56
 Cross Section -13.57 To 9999. %

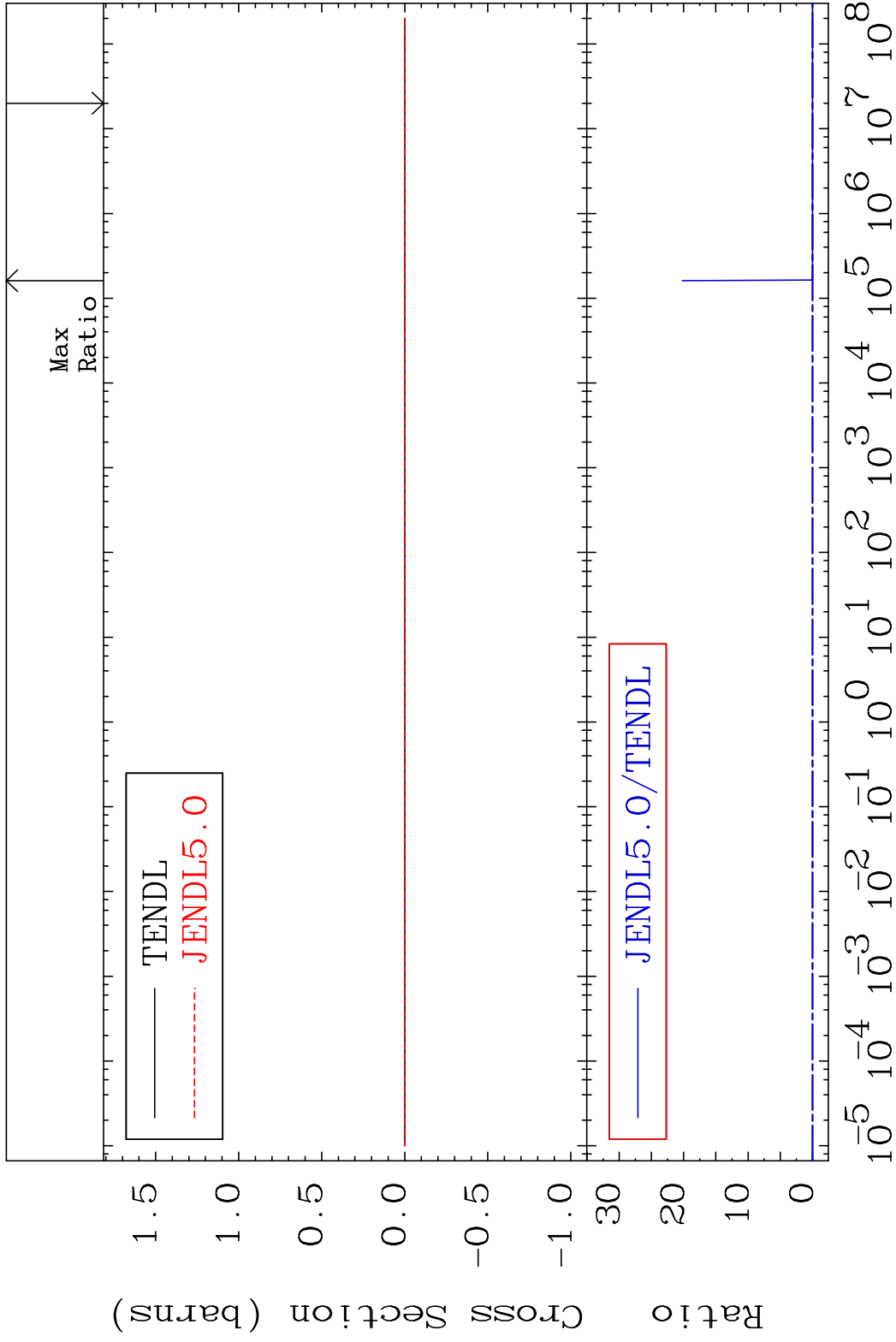


60 Incident Energy (eV) 27-Co-56

MAT 2716 Kerma inelastic (mt51-91) 27-Co-56
 Cross Section -100.0 To 9999. %

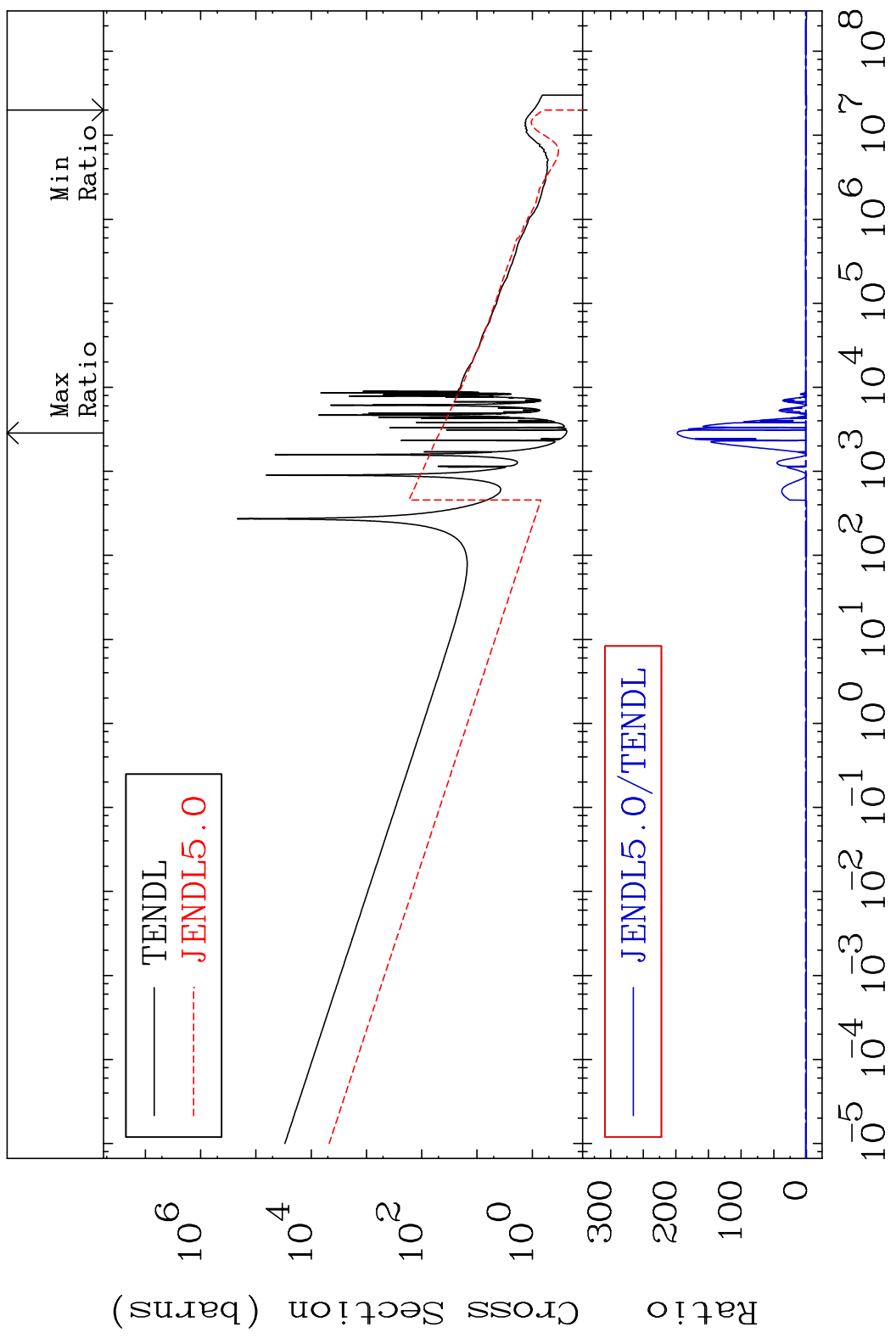


MAT 2716 Kerma fission (mt18 or mt19-20-21-38) 27-Co-56
 Cross Section -100.0 To 9999. %



MAT 2716

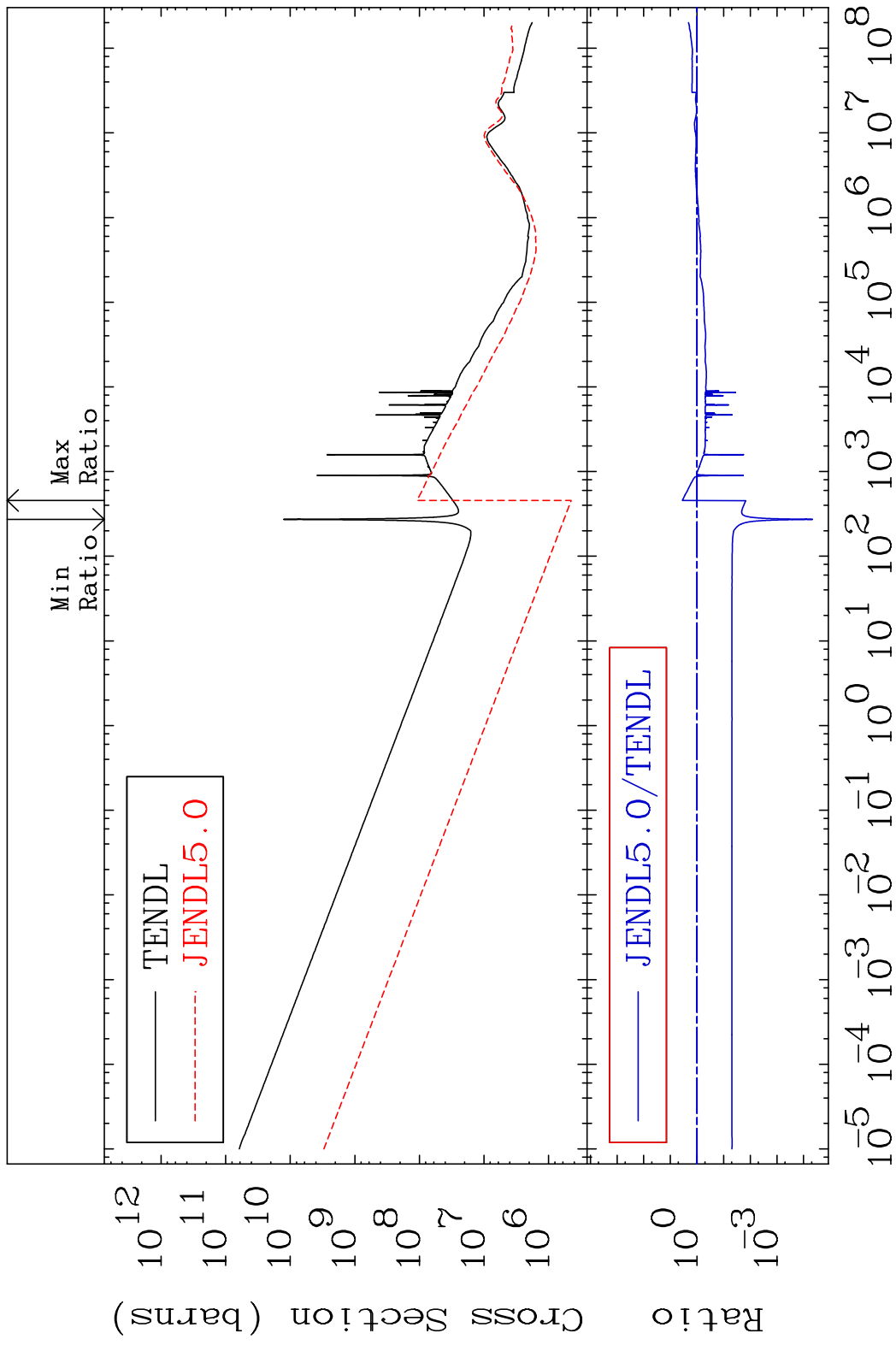
Kerma capture (mt102) 27-Co-56
Cross Section -100.0 To 9999. %



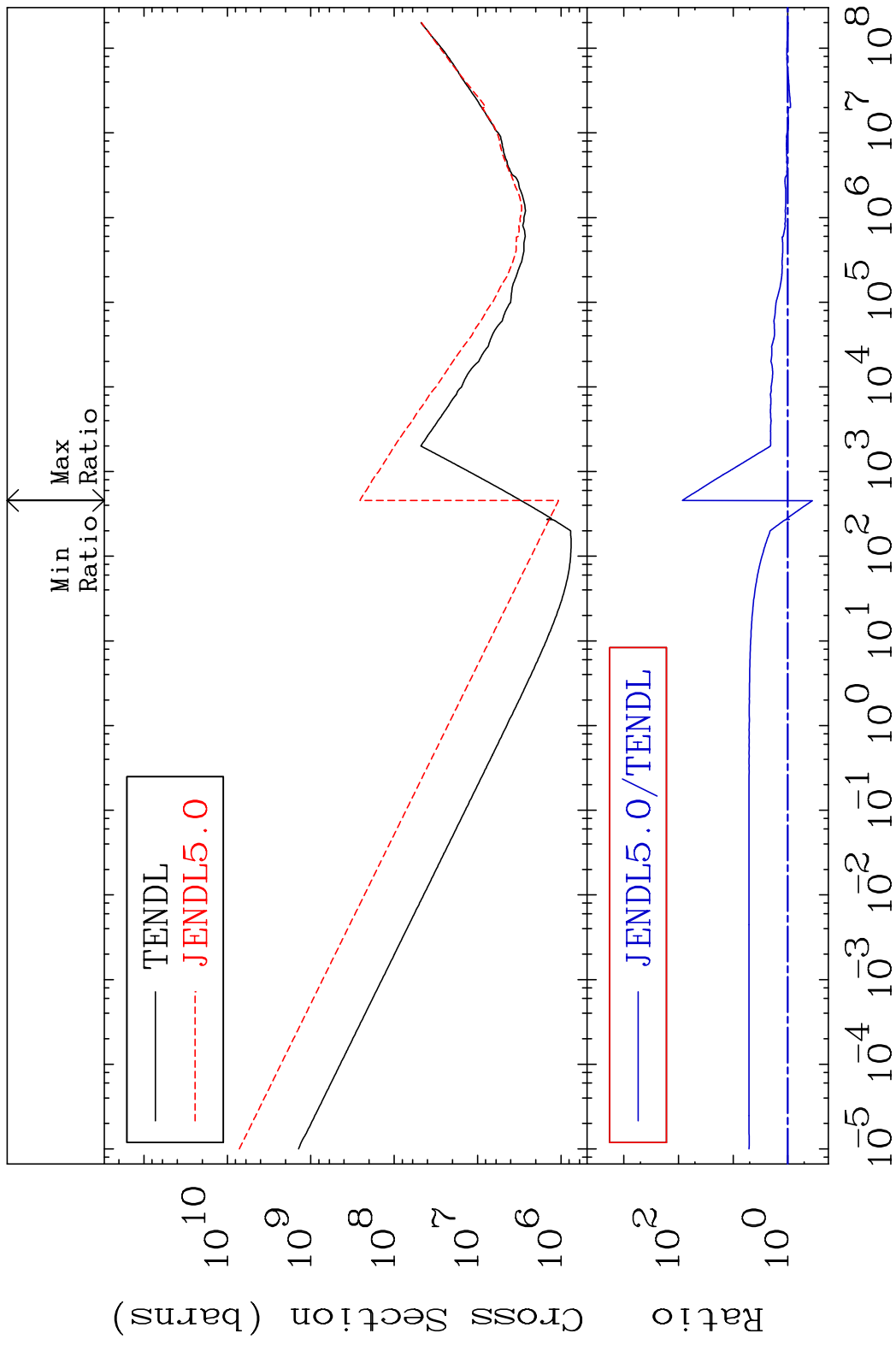
63

Incident Energy (eV) 27-Co-56

MAT 2716 Total photon (eV-barns) 27-Co-56
 Cross Section -100.0 To 255.1 %



MAT 2716 Total kinematic kerma (high limit) 27-Co-56
 Cross Section -64.72 To 8409. %



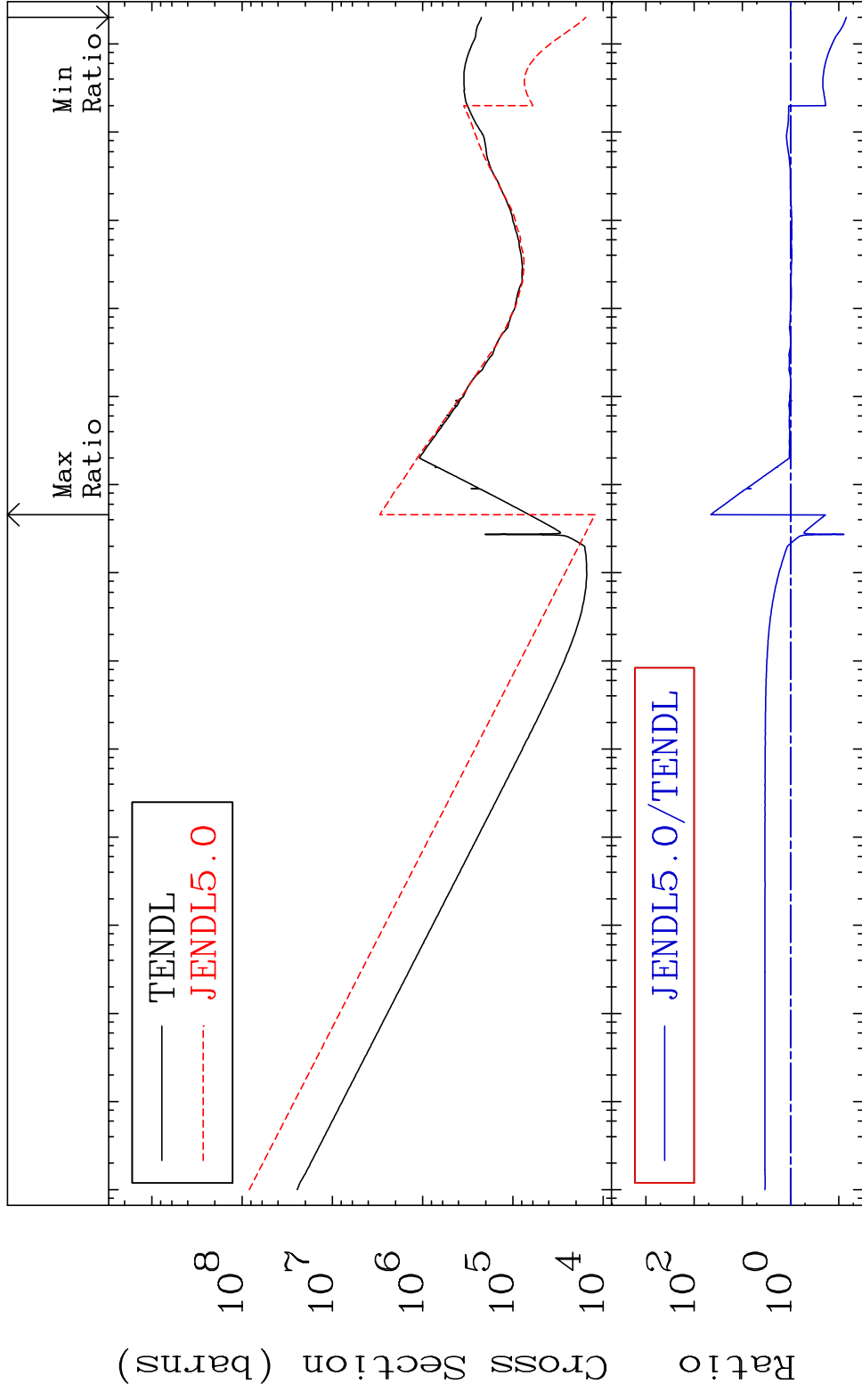
65 Incident Energy (eV) 27-Co-56

MAT 2716

Dpa total (eV-barns)

27-Co-56

Cross Section -93.02 To 4413. %

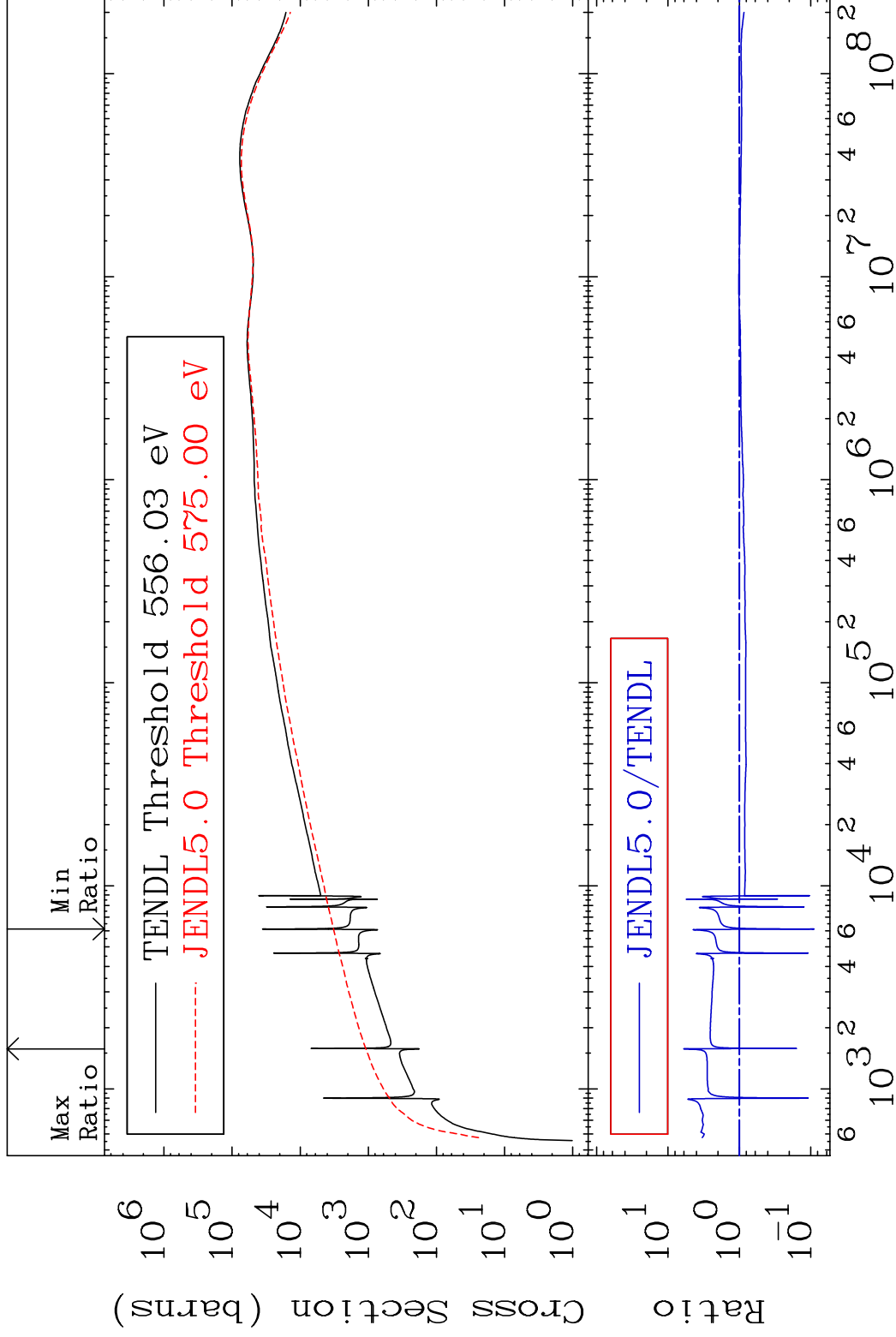


MAT 2716

Dpa elastic (mt2)

27-Co-56

Cross Section -91.02 To 504.0 %

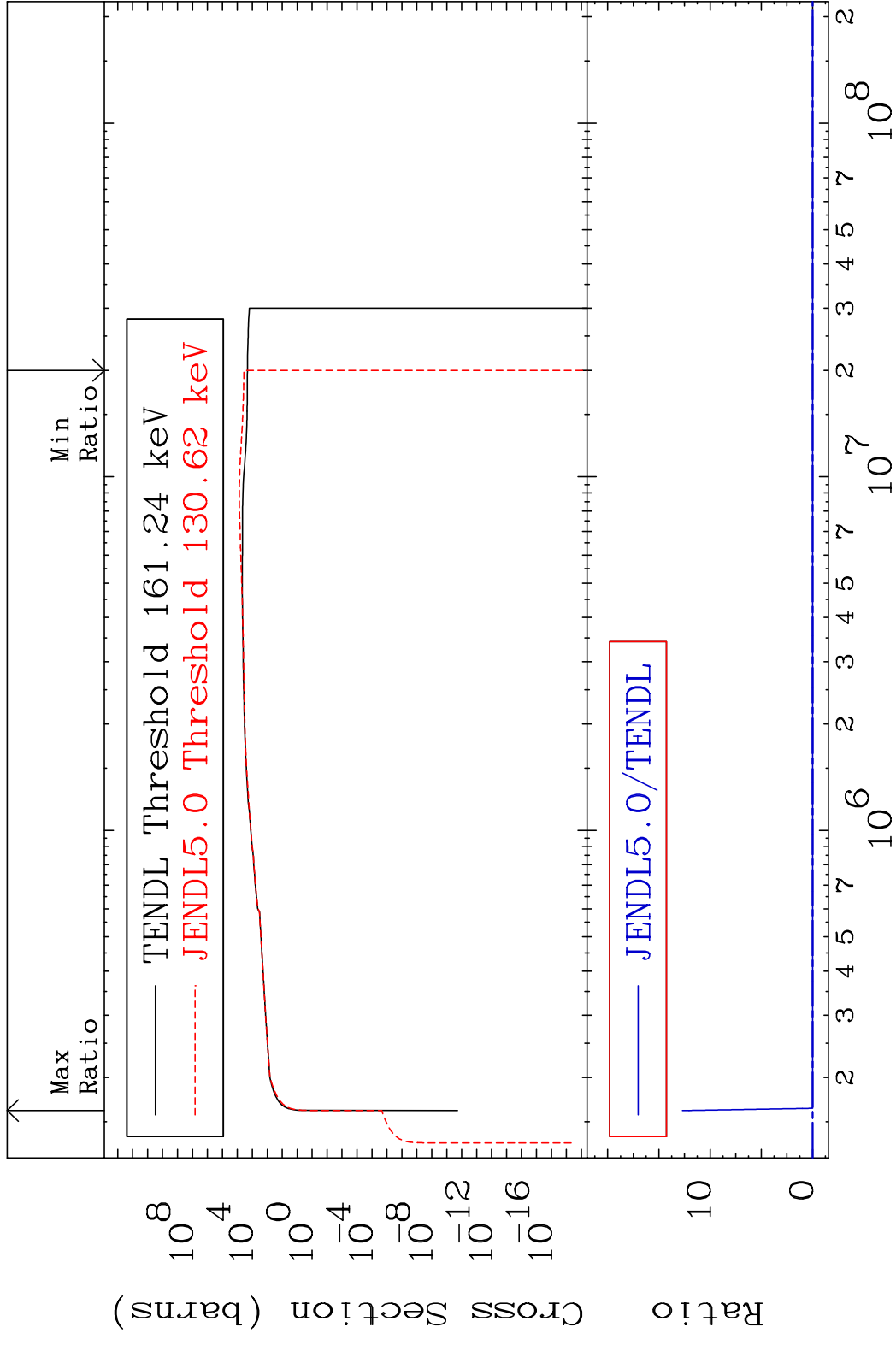


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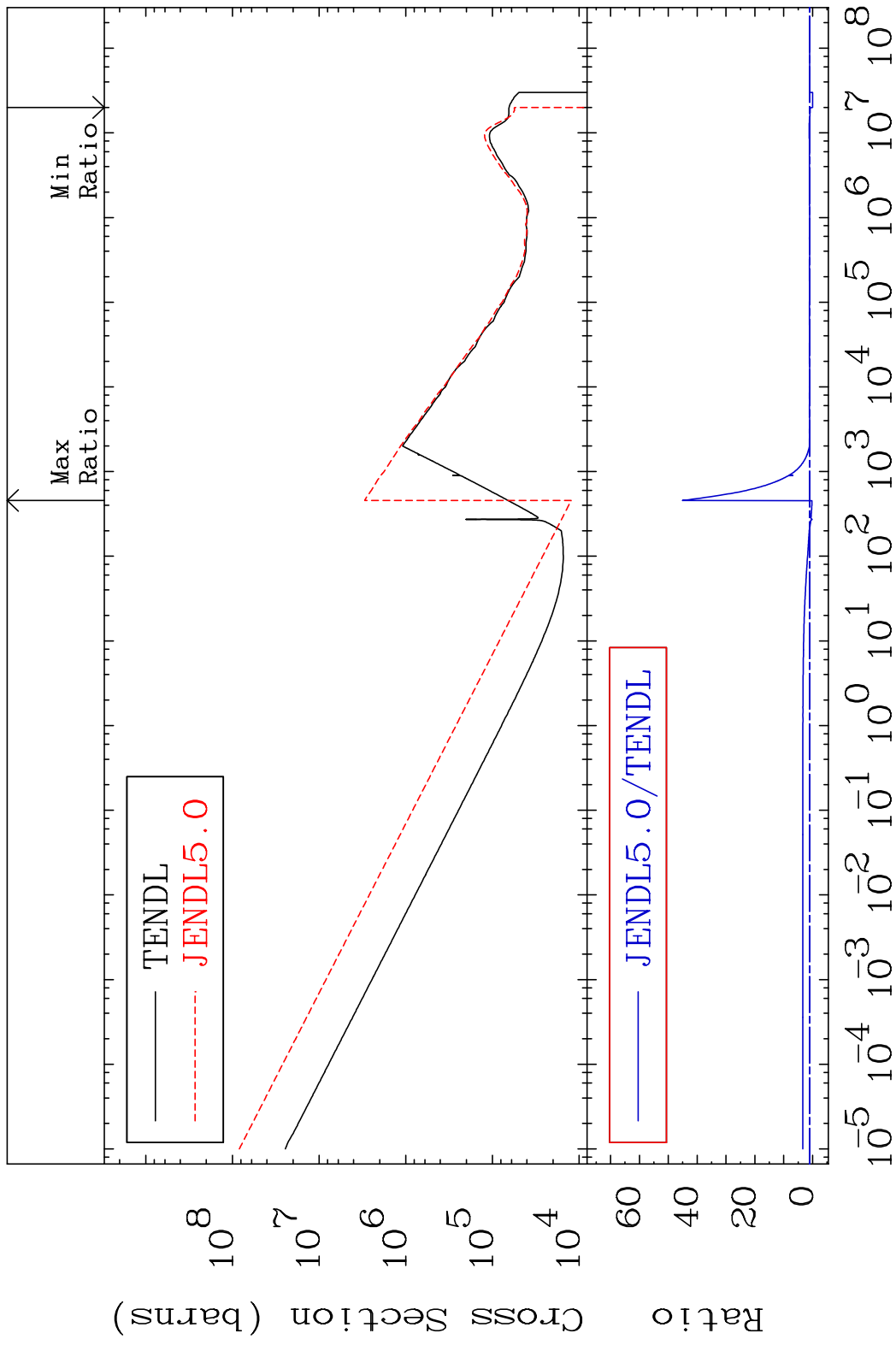
Incident Energy (eV)

27-Co-56

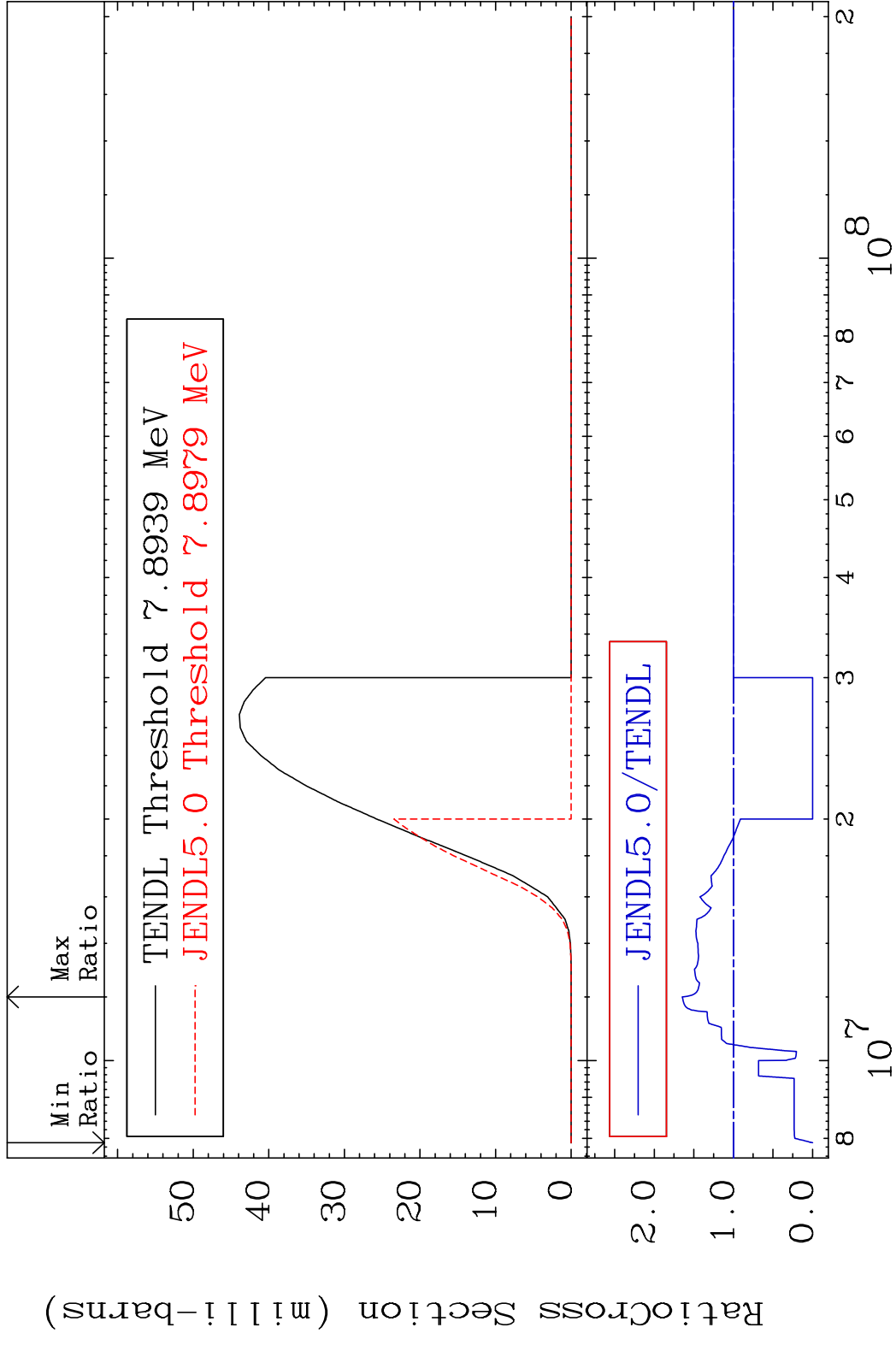
MAT 2716 Dpa inelastic (mt51-91) 27-Co-56
 Cross Section -100.0 To 9999. %



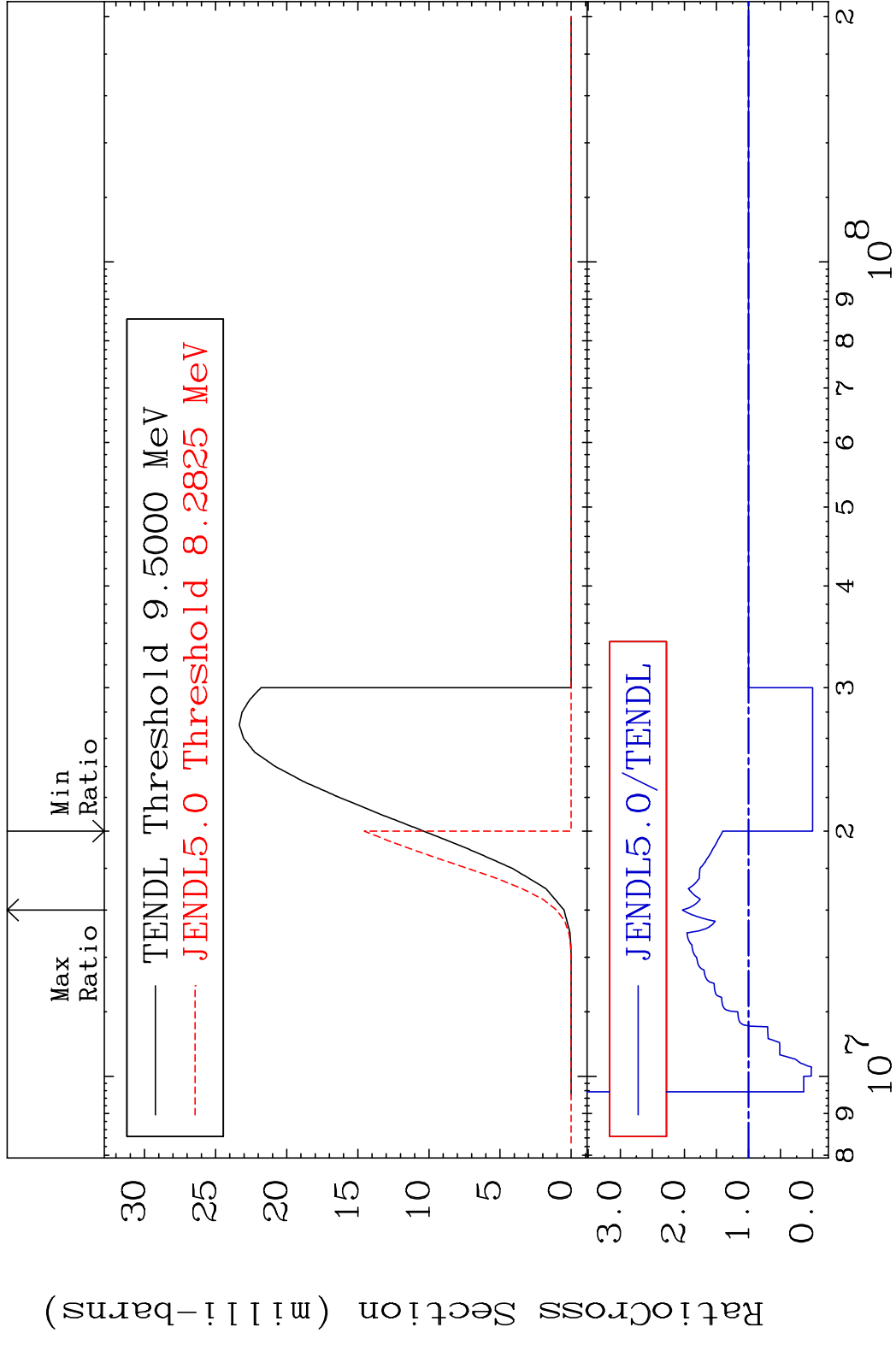
MAT 2716 Dpa disappearance (mt102 -120) 27-Co-56
 Cross Section -100.0 To 4413. %



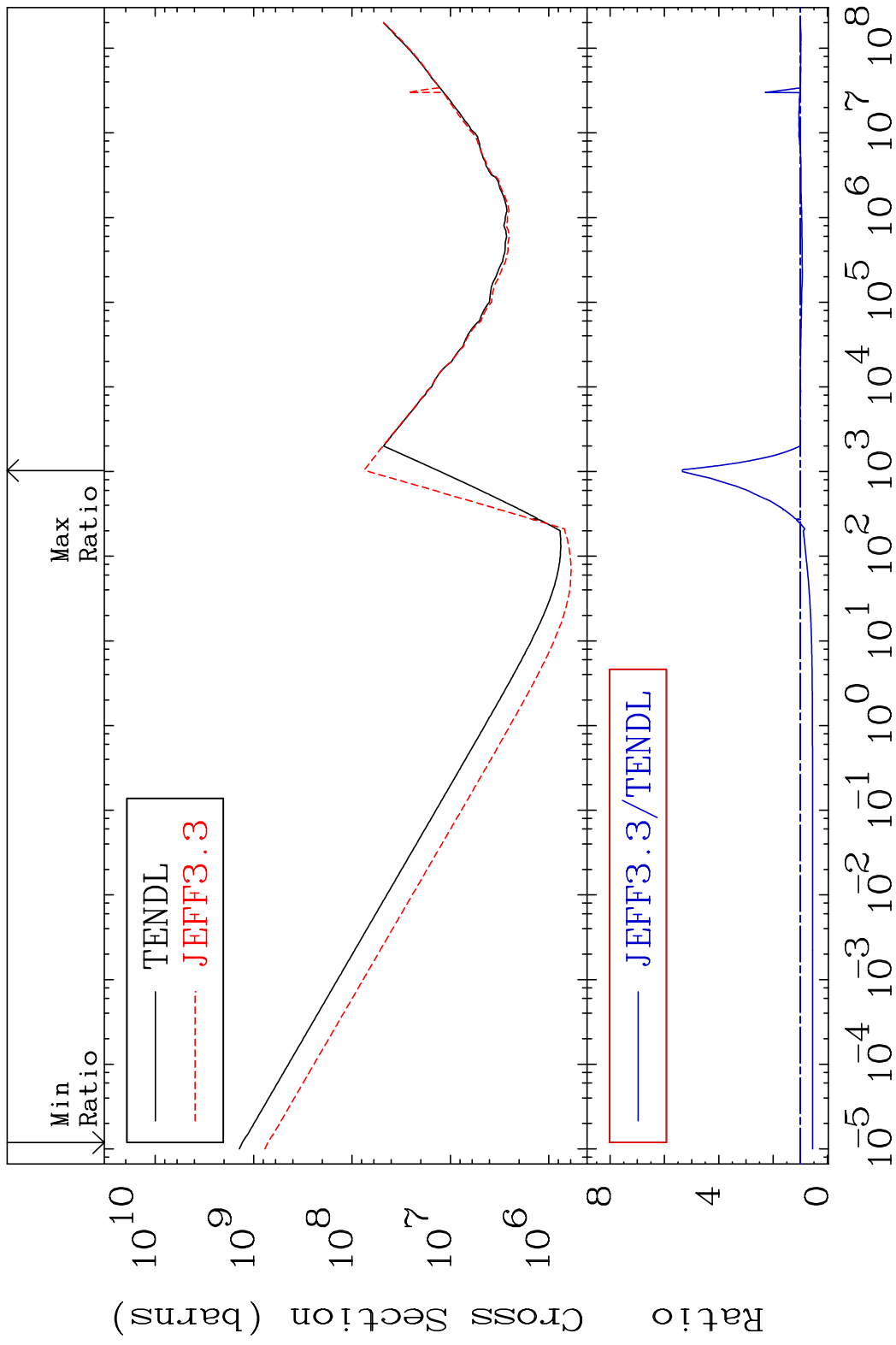
MAT 2716 (n, n') α :25-Mn-52g 27-Co-56
 Radionuclide Production Cross Section Ratio 64.47 %



70 Incident Energy (eV) 27-Co-56



MAT 2716 Total kinematic kerma (high limit) 27-Co-56
 Cross Section -44.99 To 434.2 %

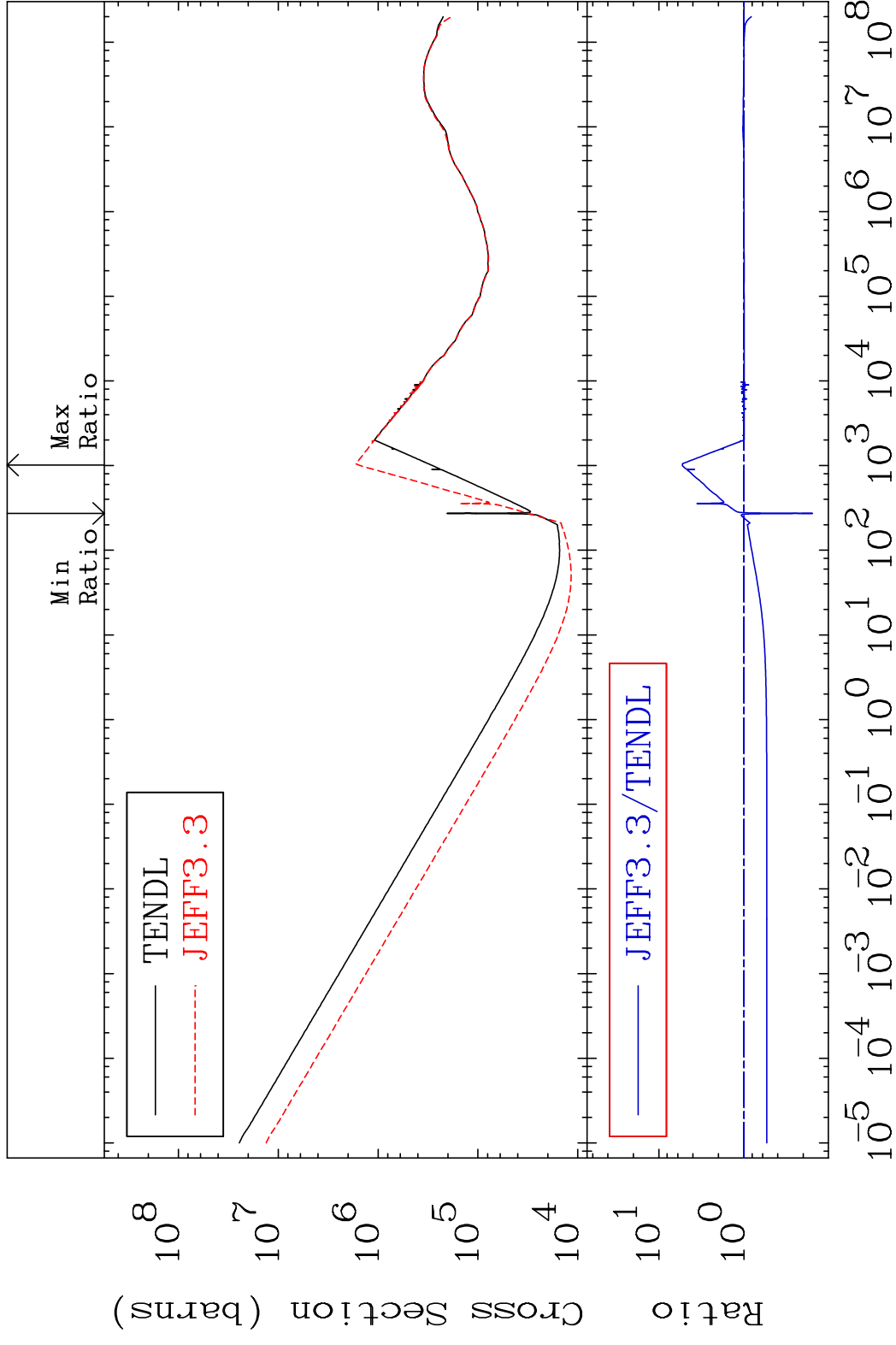


MAT 2716

Dpa total (eV-barns)

27-Co-56

Cross Section -84.44 To 430.4 %



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Incident Energy (eV)

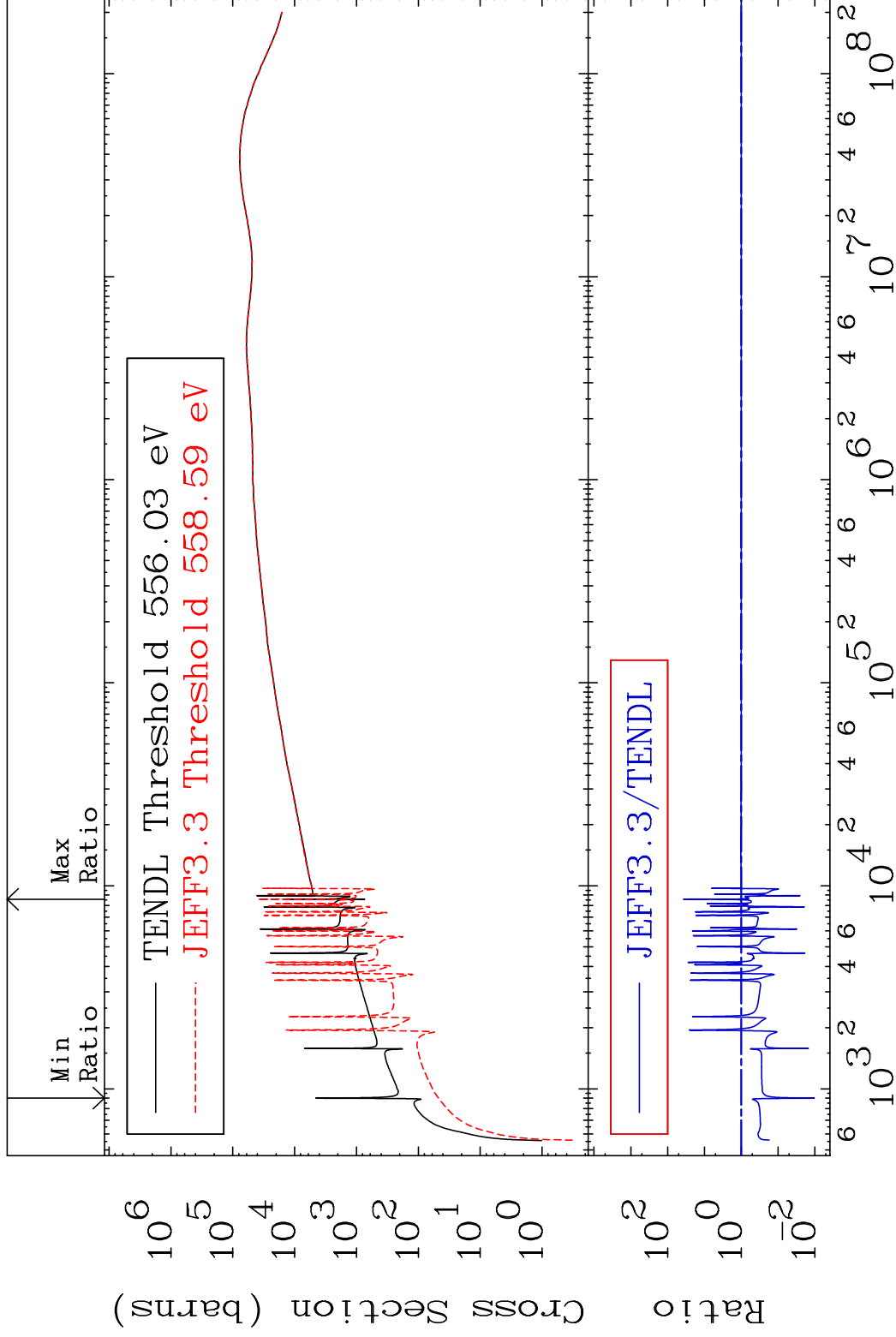
27-Co-56

MAT 2716

Dpa elastic (mt2)

27-Co-56

Cross Section -98.95 To 3563. %

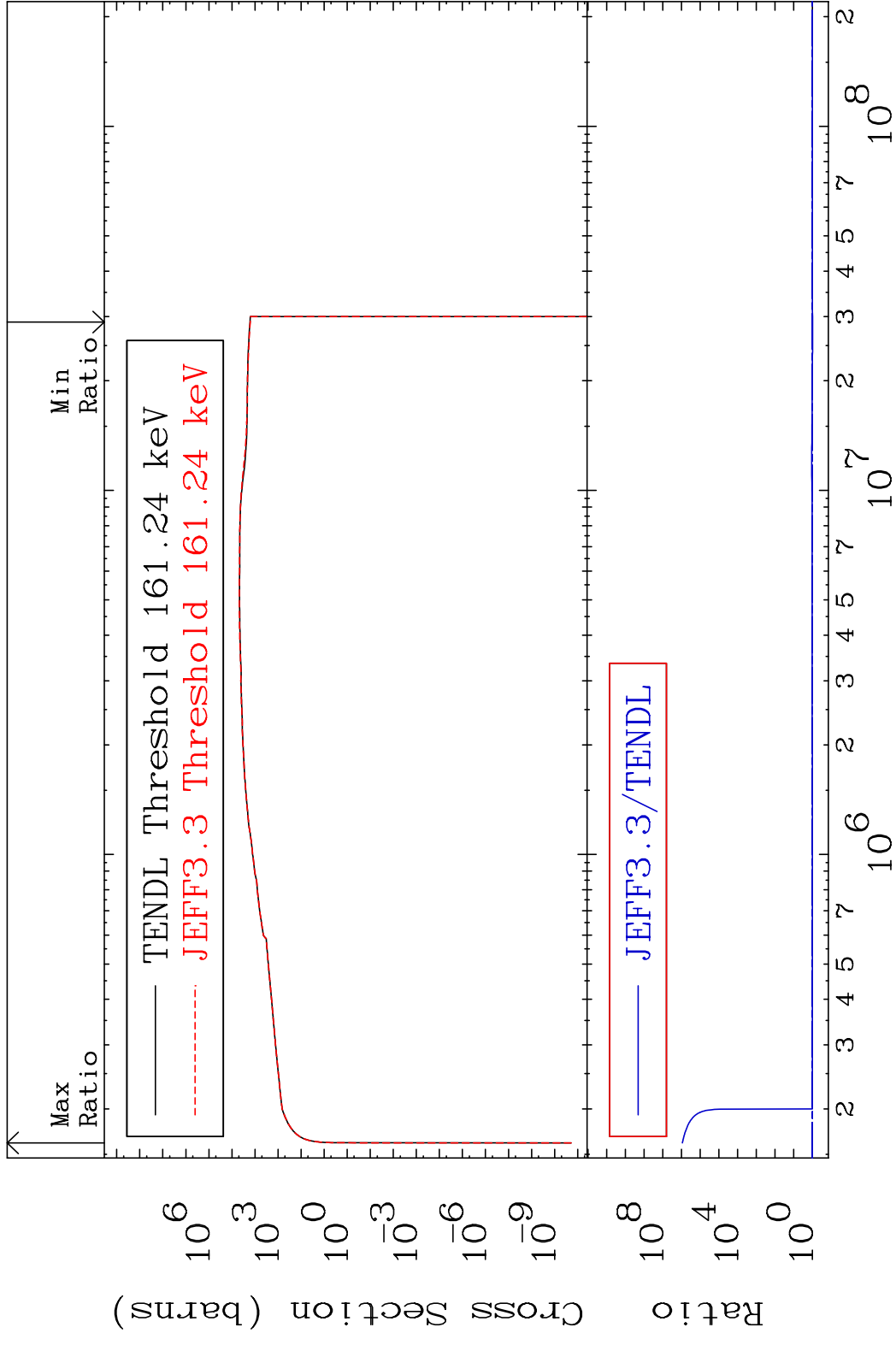


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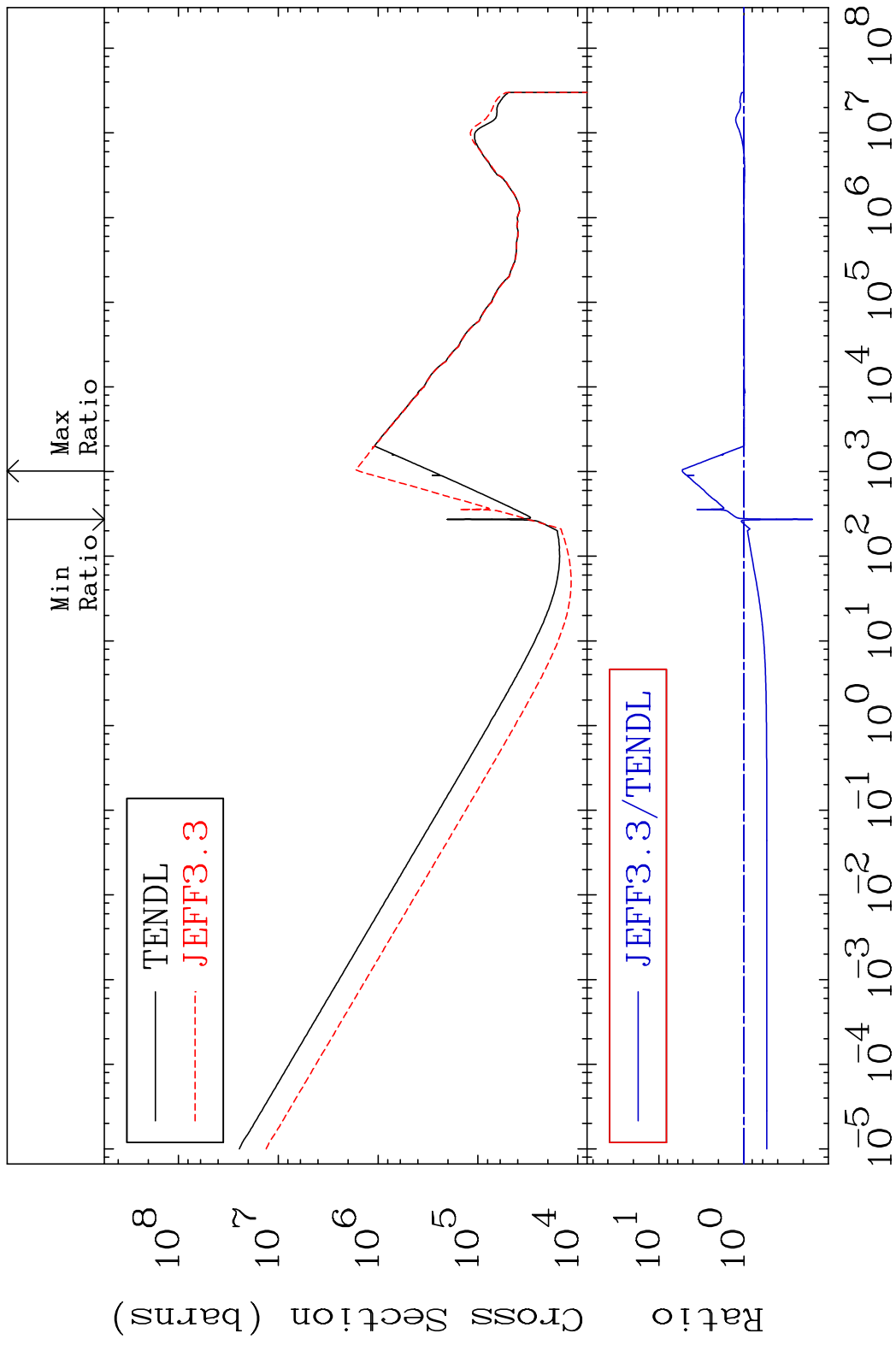
Incident Energy (eV)

27-Co-56

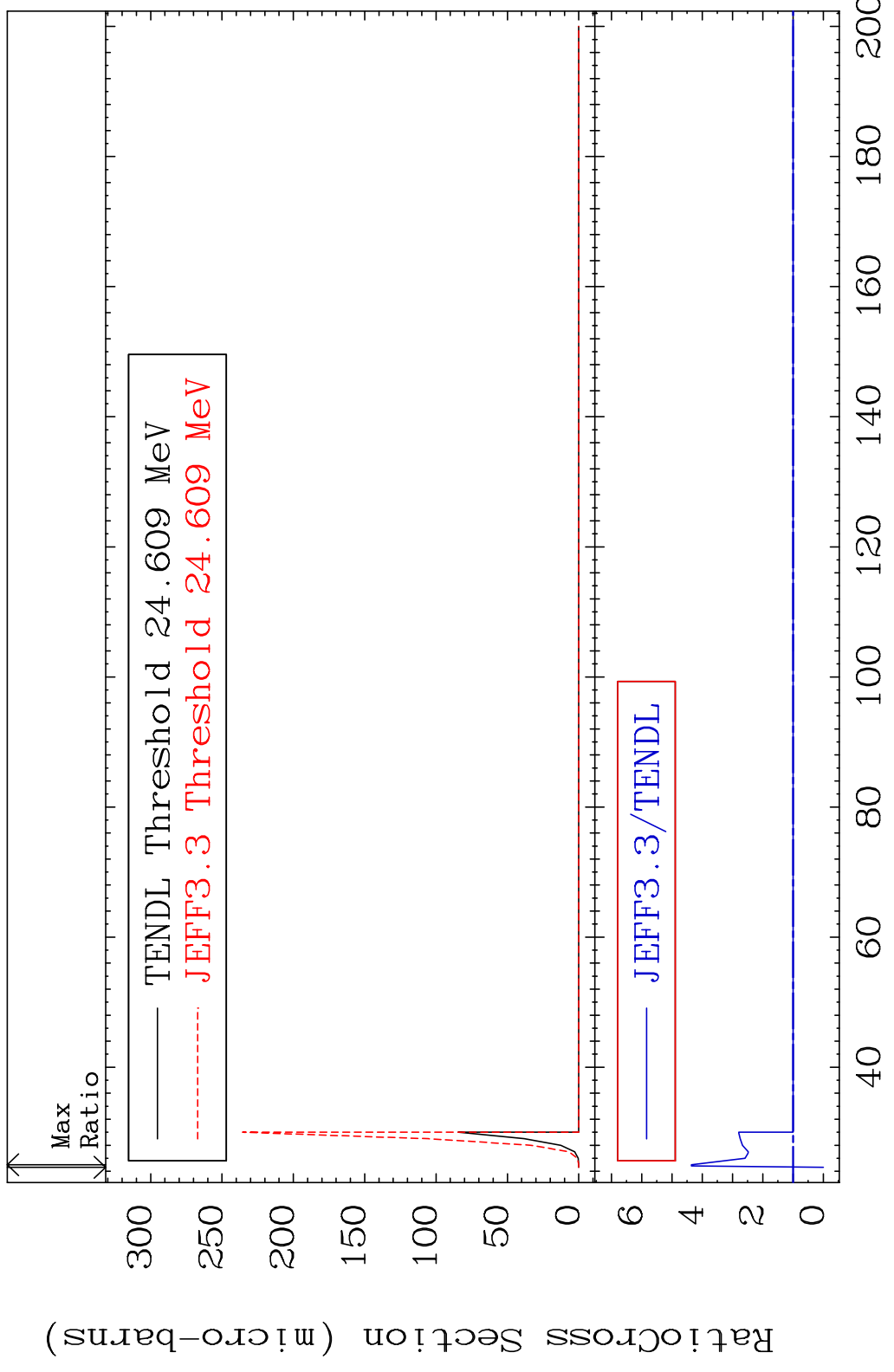
MAT 2716 Dpa inelastic (mt51-91) 27-Co-56
 Cross Section -3.306 To 9999. %



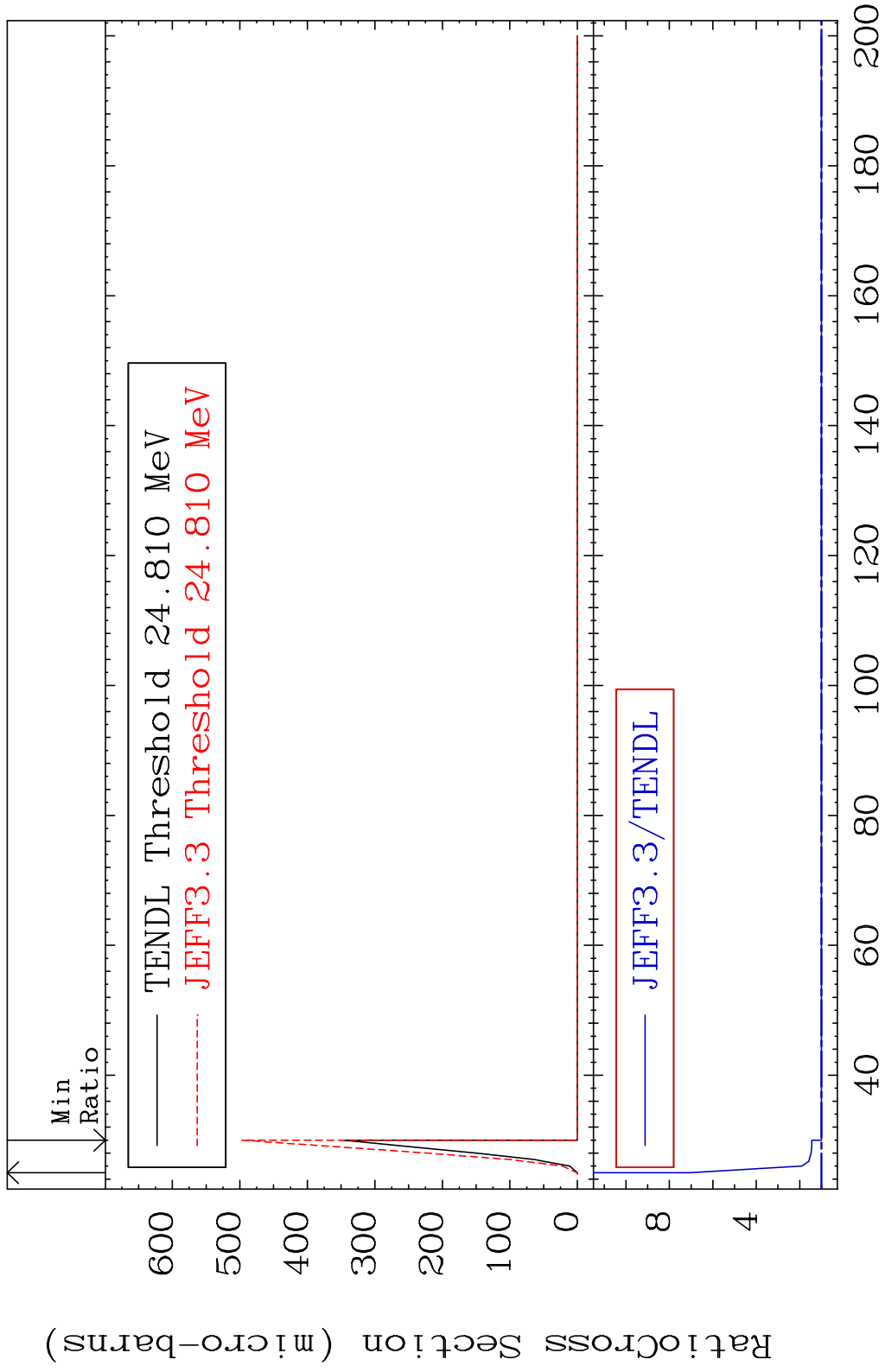
MAT 2716 Dpa disappearance (mt102 -120) 27-Co-56
 Cross Section -84.44 To 430.8 %



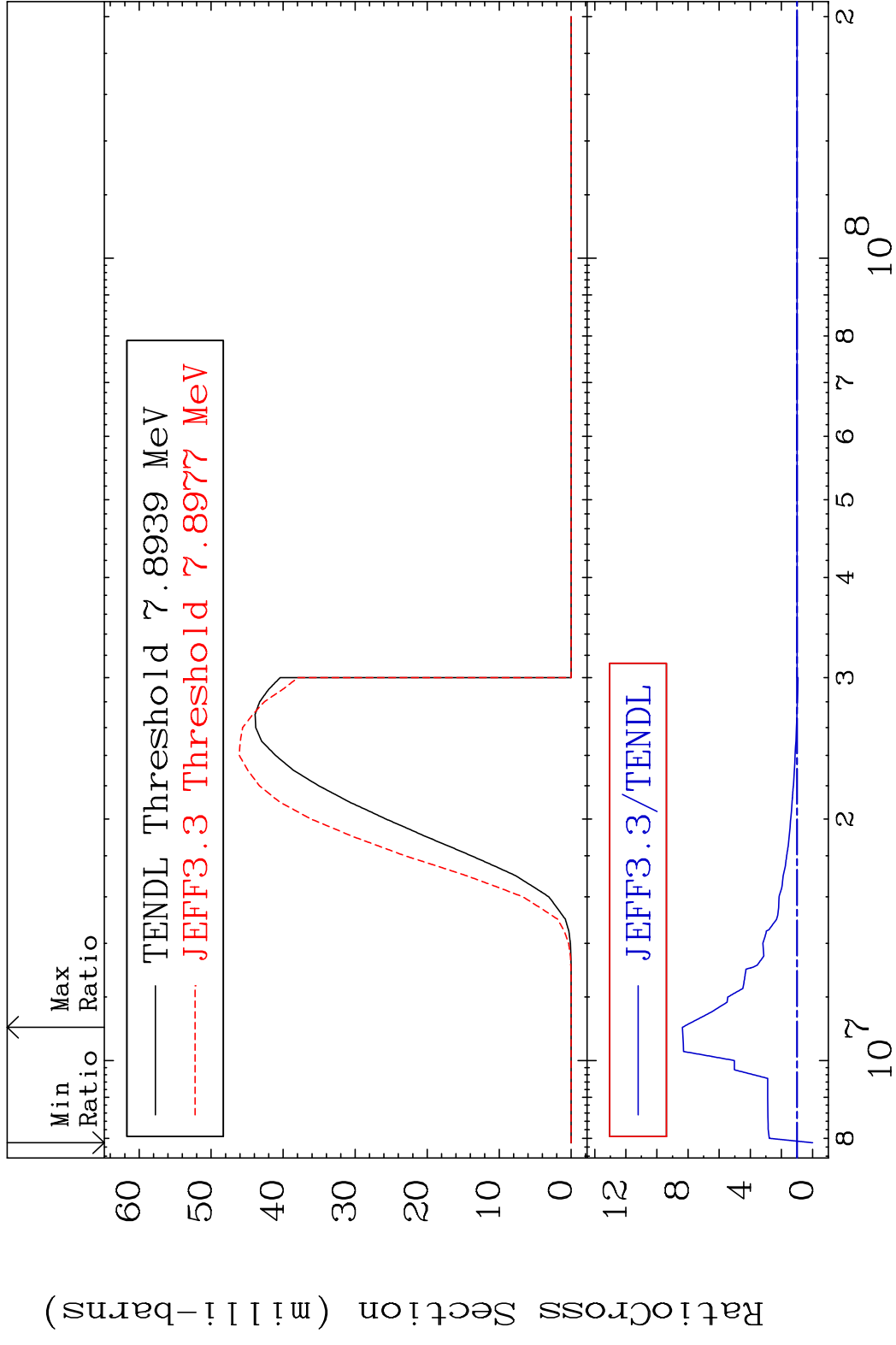
MAT 2716 (n,3n):27-Co-54g 27-Co-56
 Radionuclide Production Cross Section 180.0 dth 335.8 %



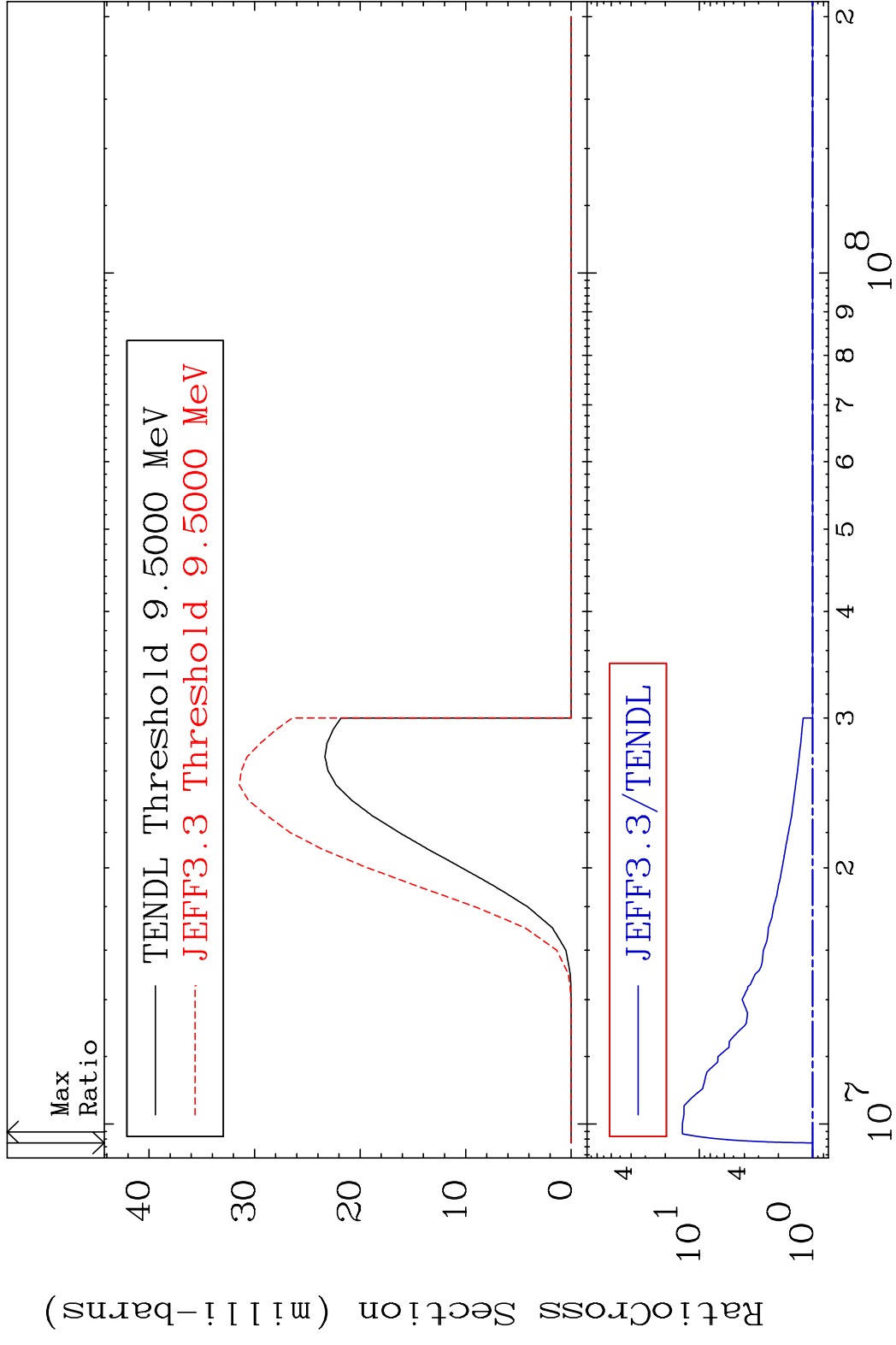
MAT 2716 (n,3n):27-Co-54m1 27-Co-56
 Radionuclide Production Cross Section 606.2 %



MAT 2716 (n, n') α :25-Mn-52g 27-Co-56
 Radionuclide Production Cross Section 1800 dth 736.8 %



MAT 2716 (n, n') α :25-Mn-52m1 27-Co-56
 Radionuclide Production Cross Section 1312. %



80 Incident Energy (eV) 27-Co-56