

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

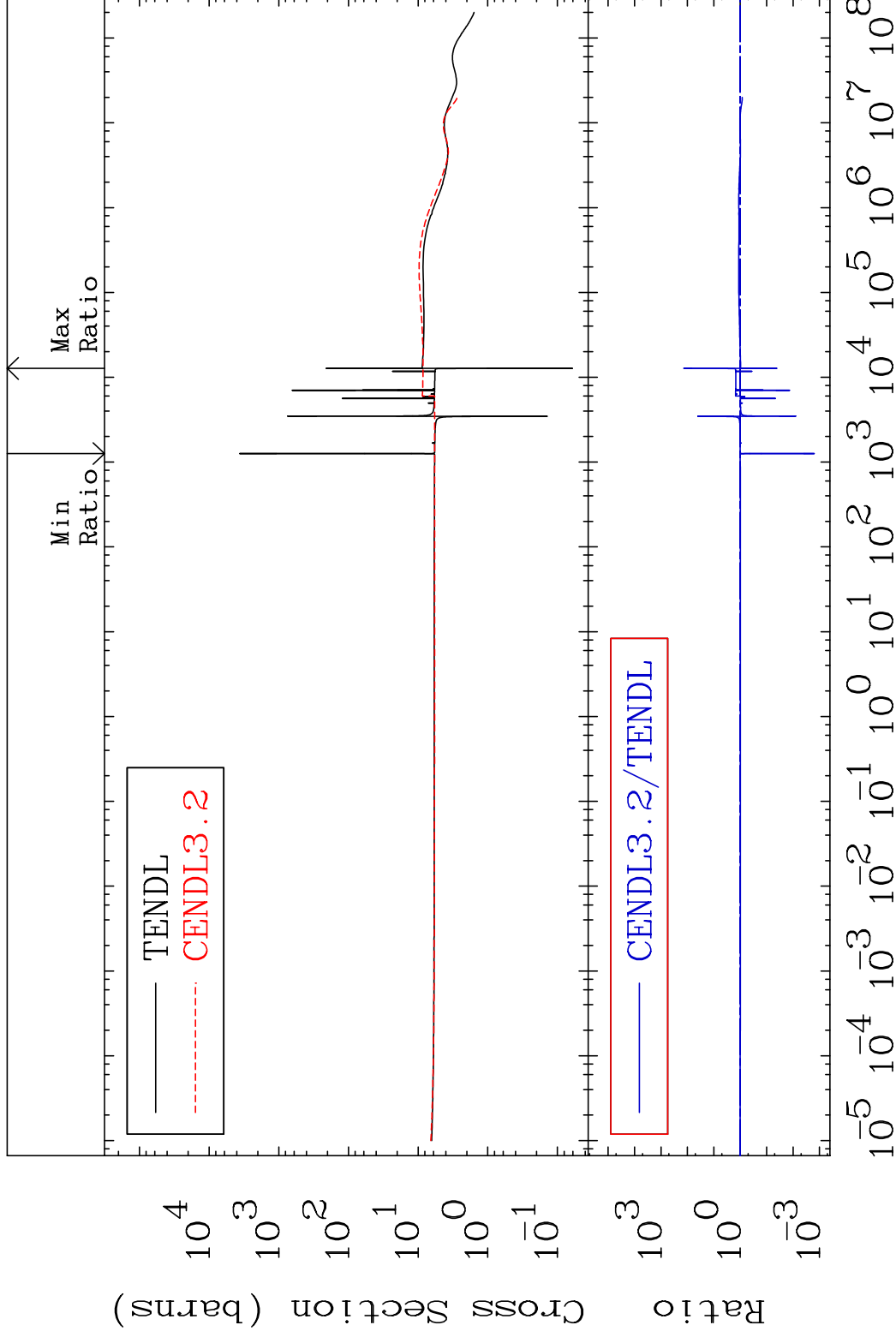
MAT 3843

Total

38-Sr-90

Cross Section

-99.84 To 9999. %



1

Incident Energy (eV)

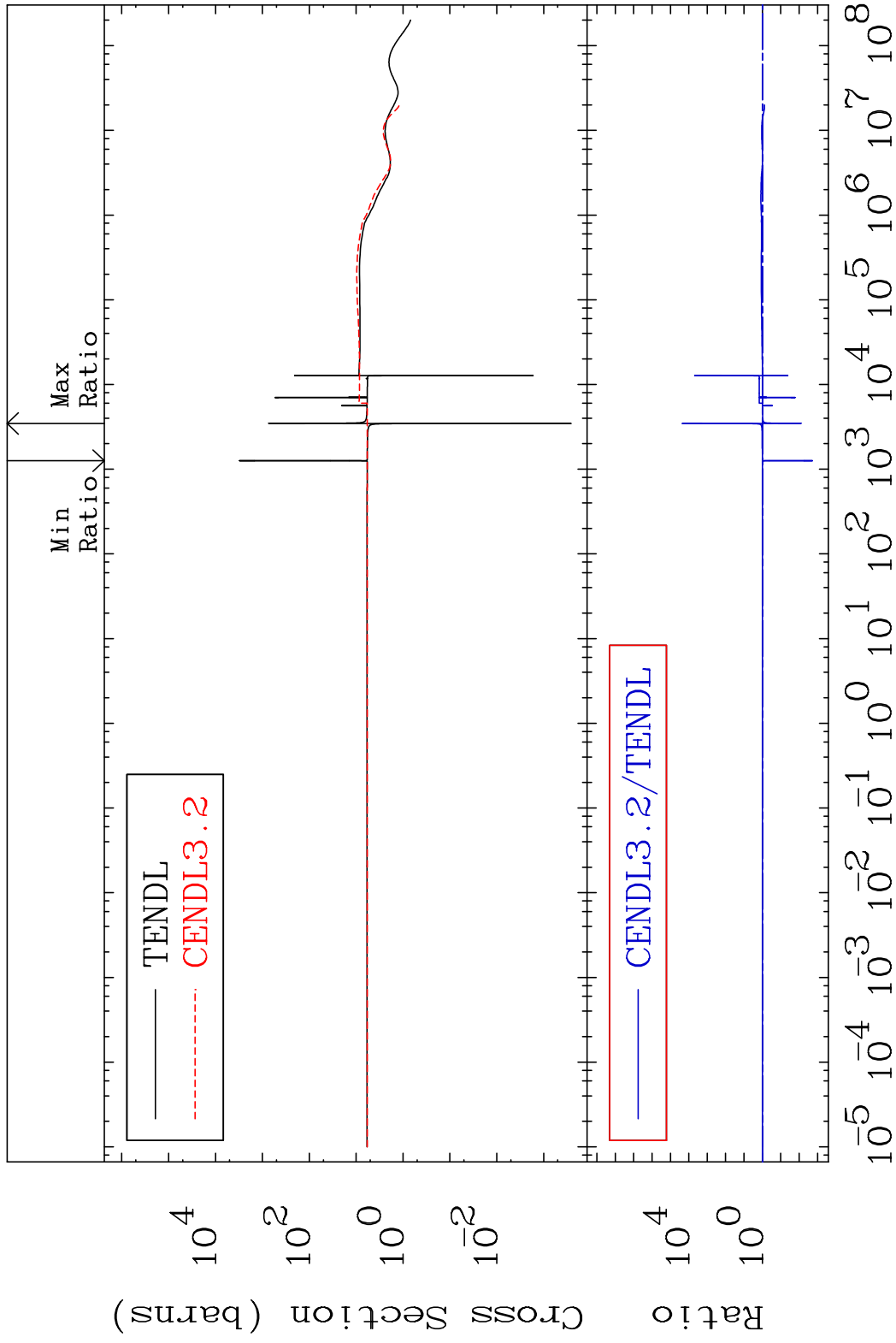
38-Sr-90

MAT 3843

Elastic

38-Sr-90

Cross Section -99.81 To 9999. %

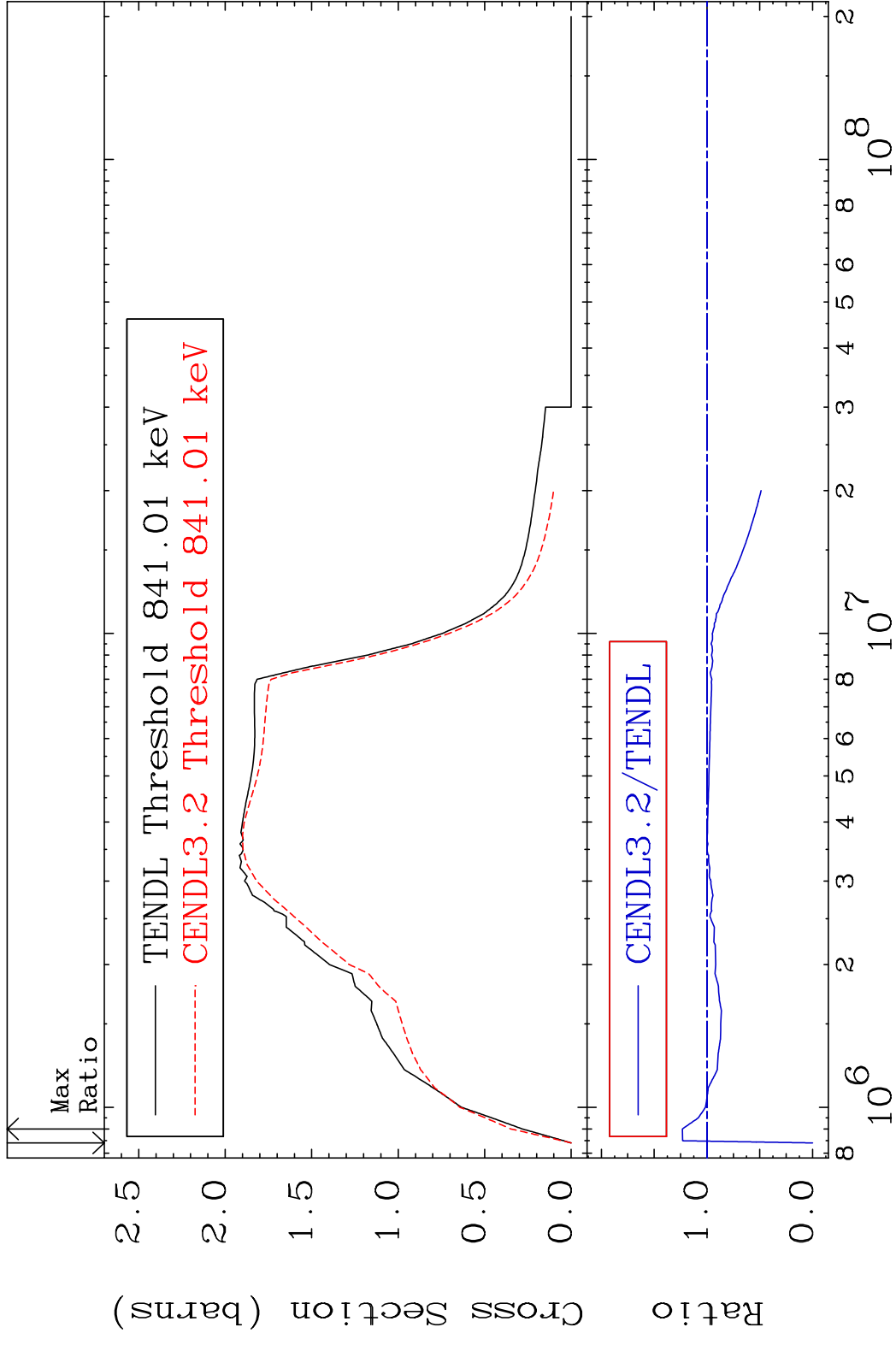


2

Incident Energy (eV)

38-Sr-90

MAT 3843 Inelastic 38-Sr-90
 Cross Section -100.0 To 23.31 %



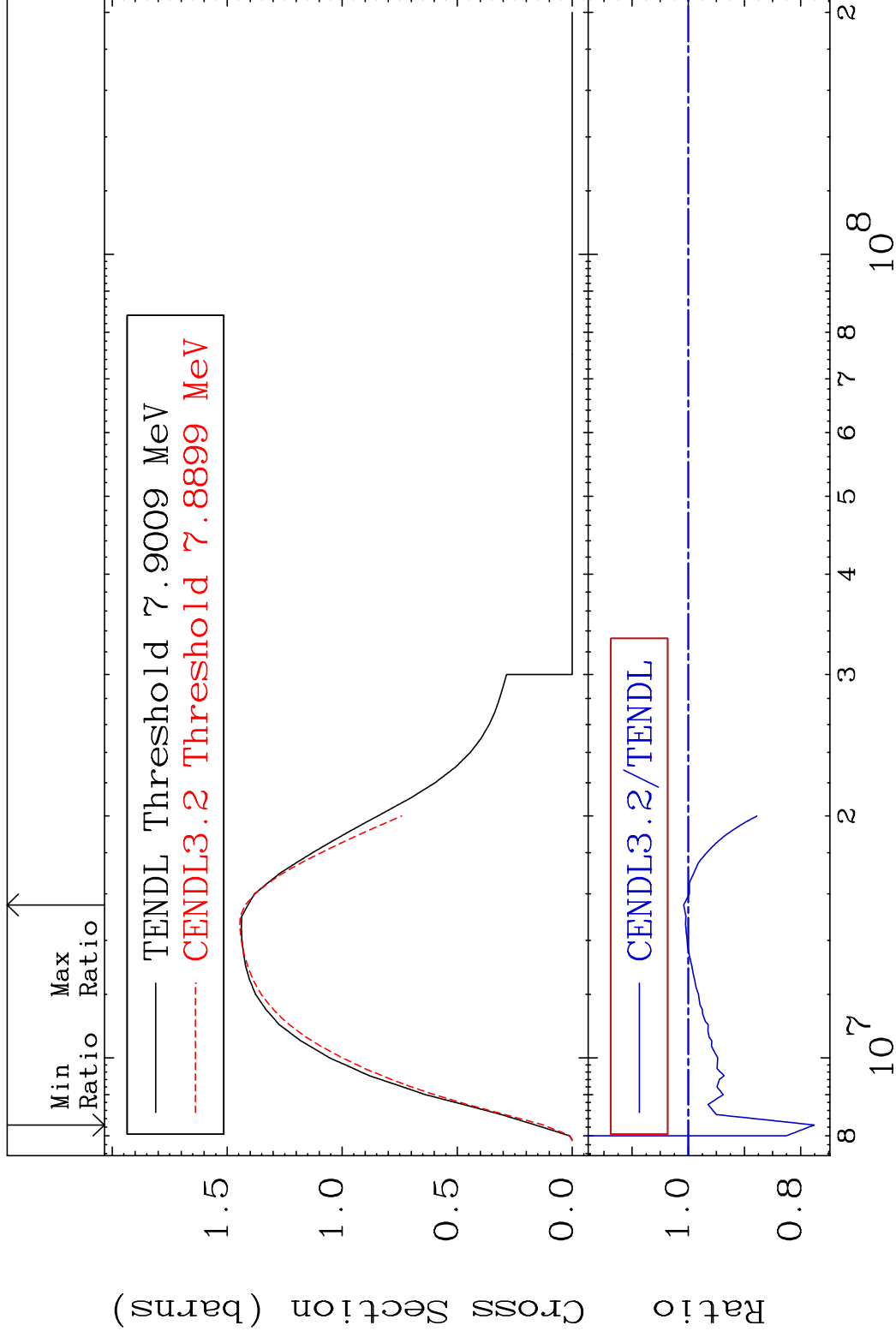
3 Incident Energy (eV) 38-Sr-90

MAT 3843

(n,2n)

38-Sr-90

Cross Section -22.40 To 0.822 %



4

Incident Energy (eV)

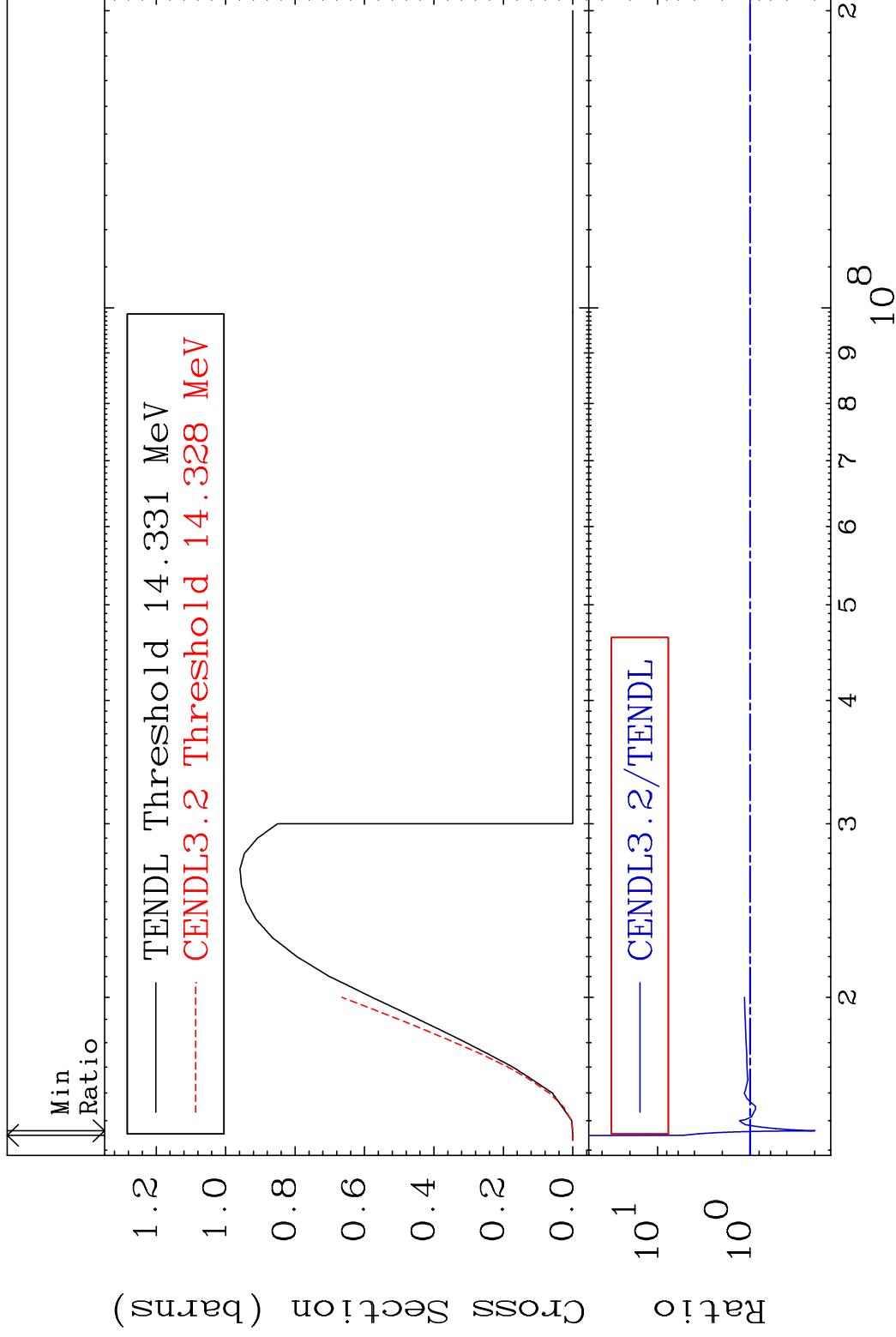
38-Sr-90

MAT 3843

(n,3n)

38-Sr-90

Cross Section -80.10 To 415.0 %

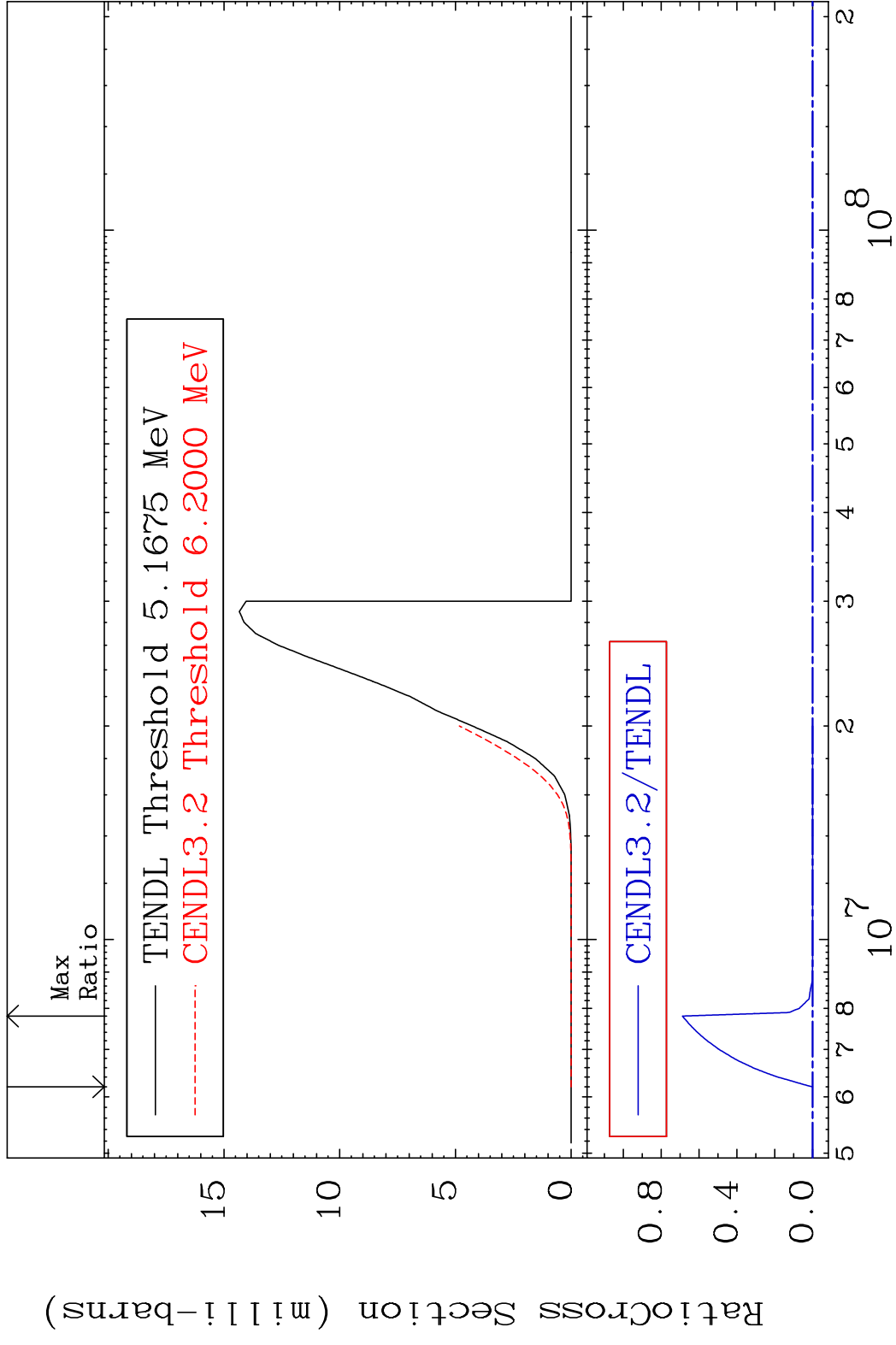


5

Incident Energy (eV)

38-Sr-90

MAT 3843 (n, n') α 38-Sr-90
 Cross Section -100.0 To 9999. %

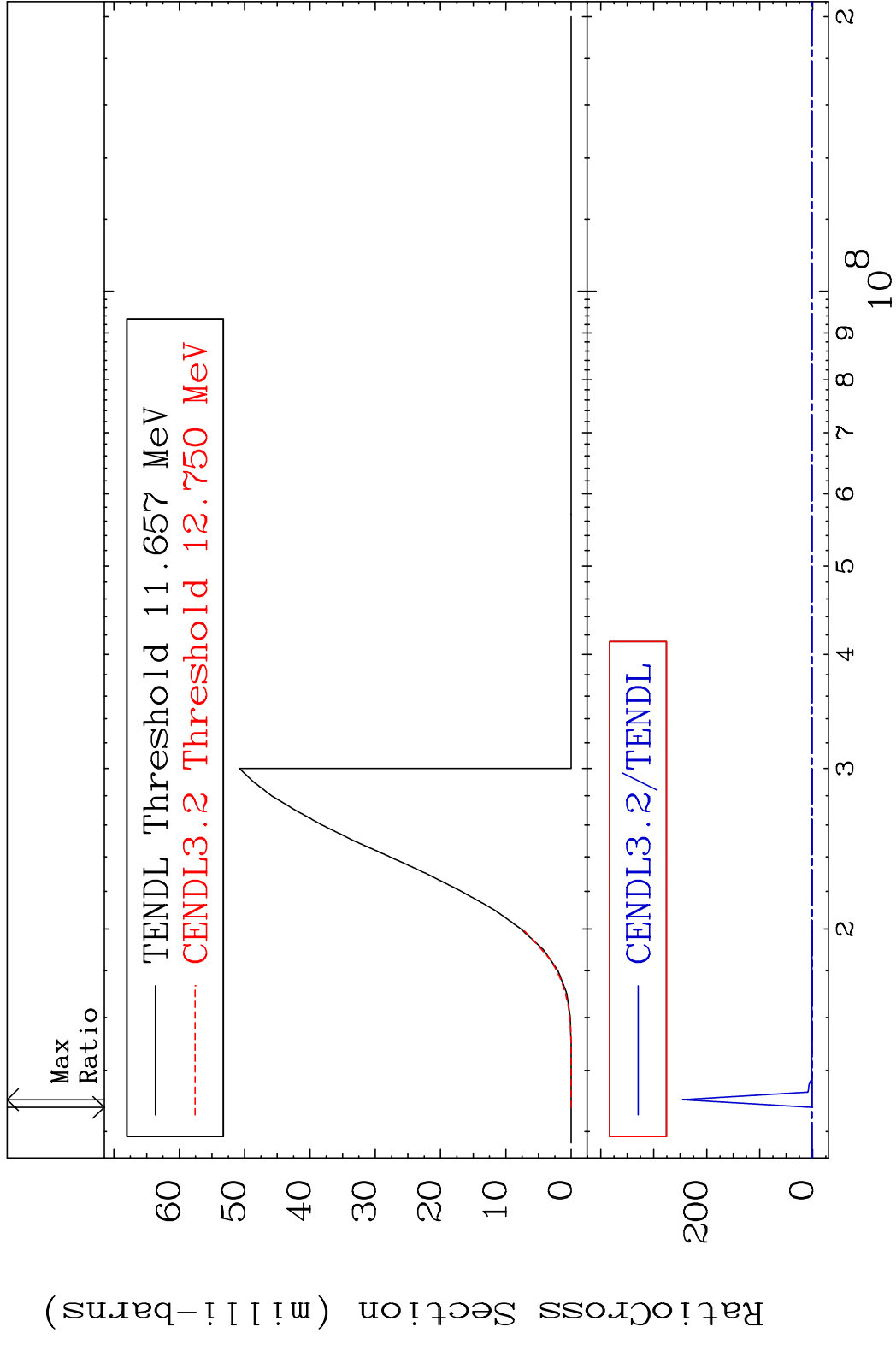


MAT 3843

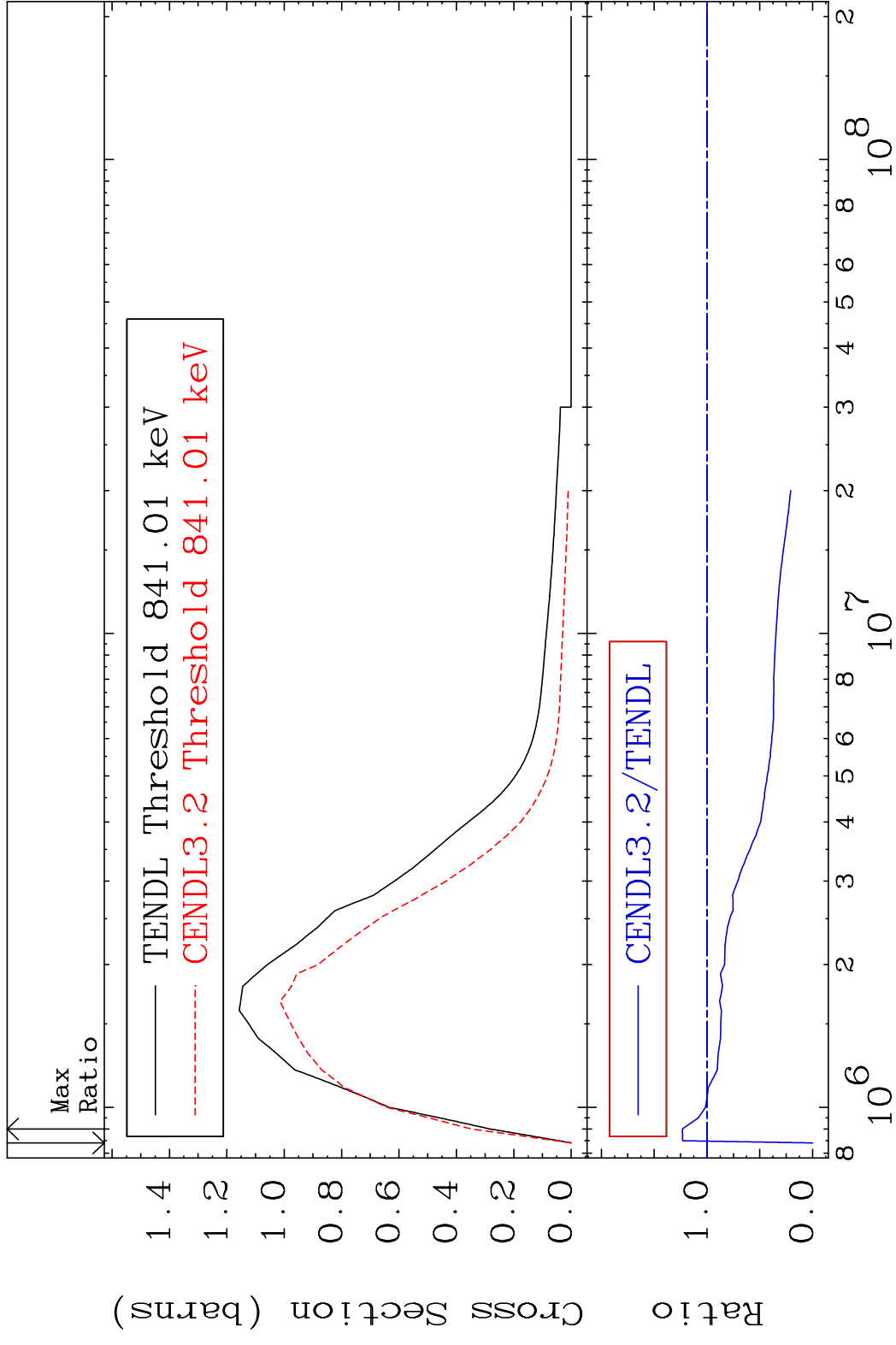
(n, n') p

38-Sr-90

Cross Section -100.0 To 9999. %

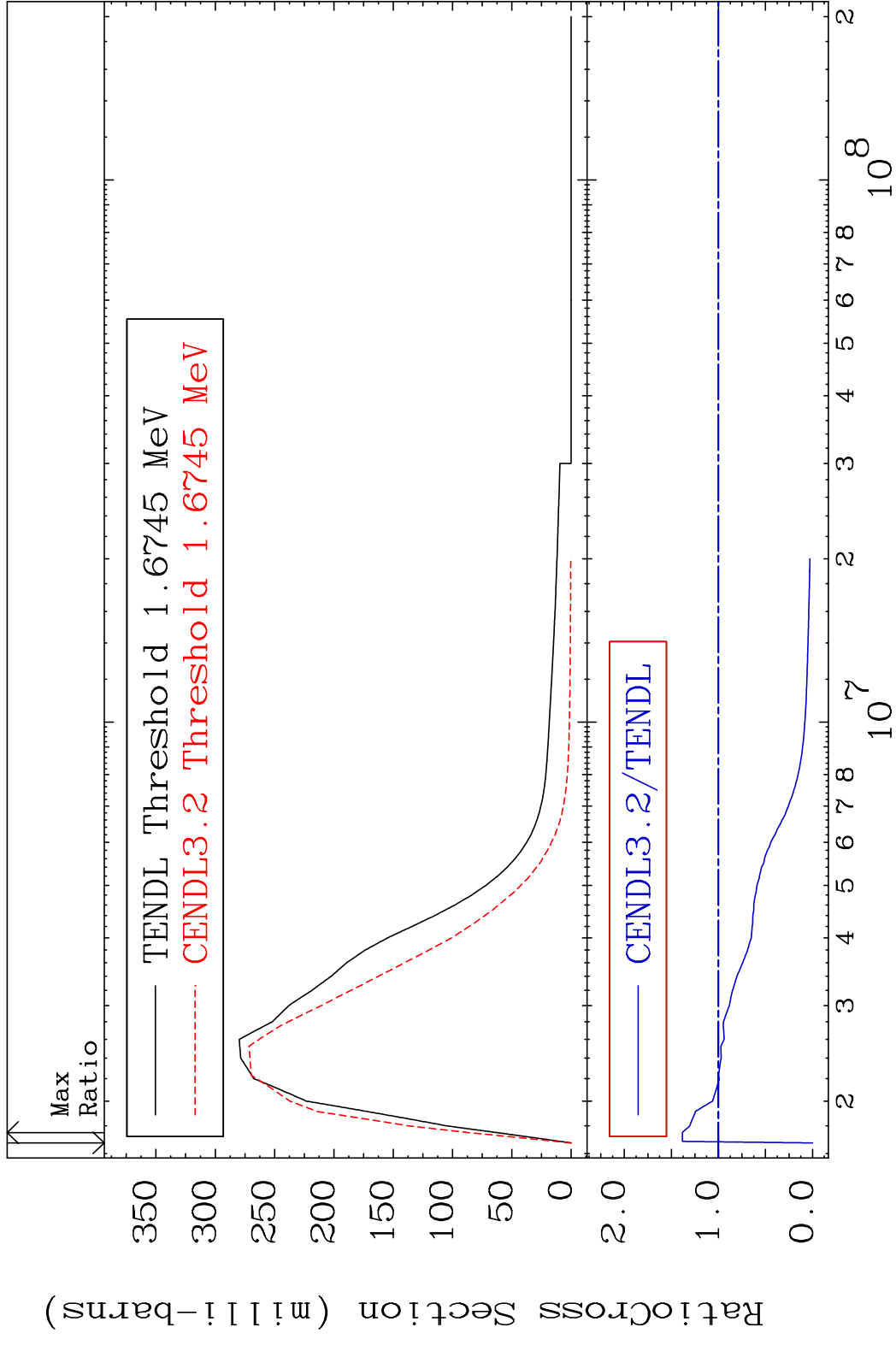


MAT 3843 MT= 51 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 23.31 %

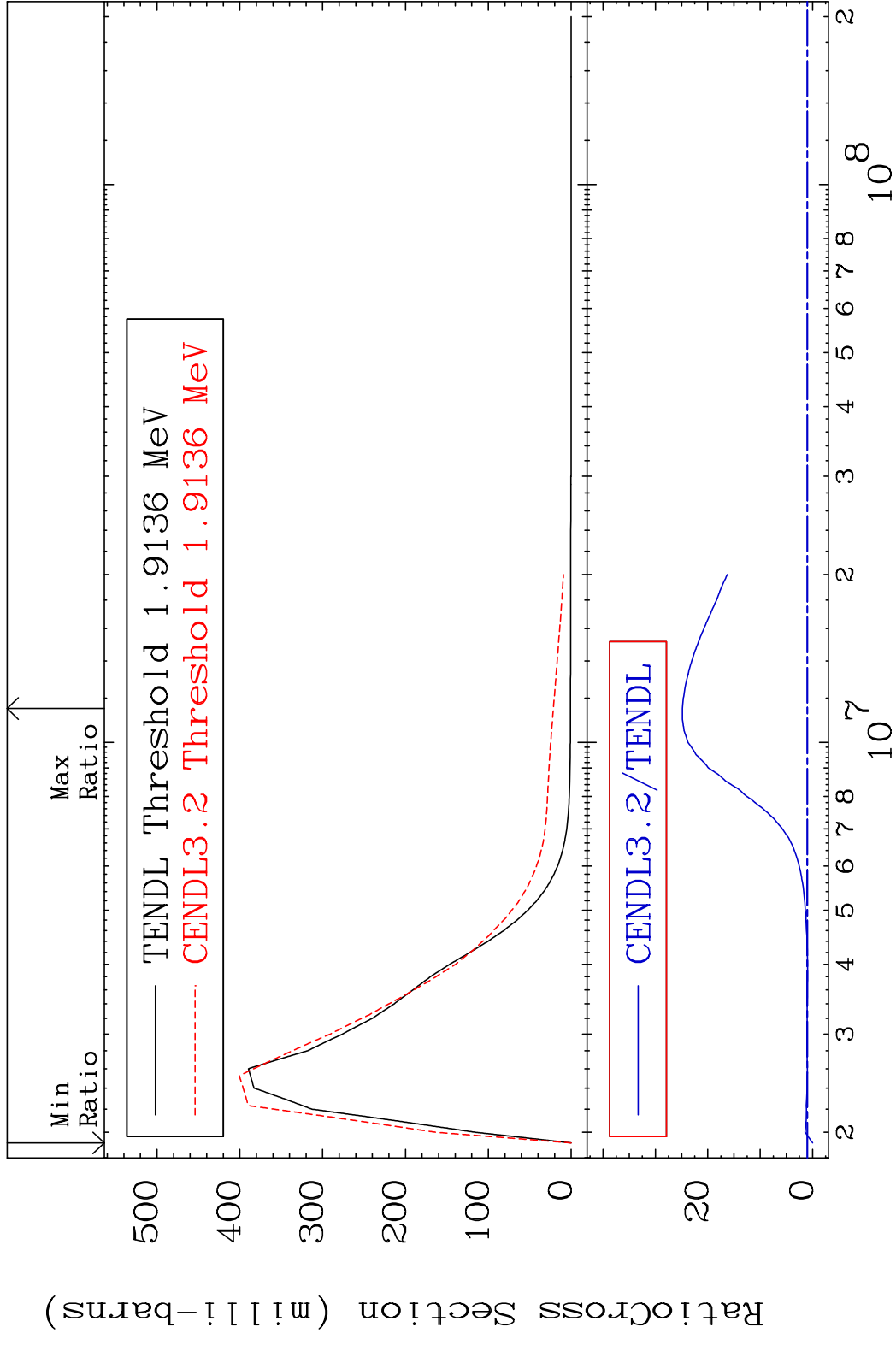


8 Incident Energy (eV) 38-Sr-90

MAT 3843 MT= 52 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 38.34 %

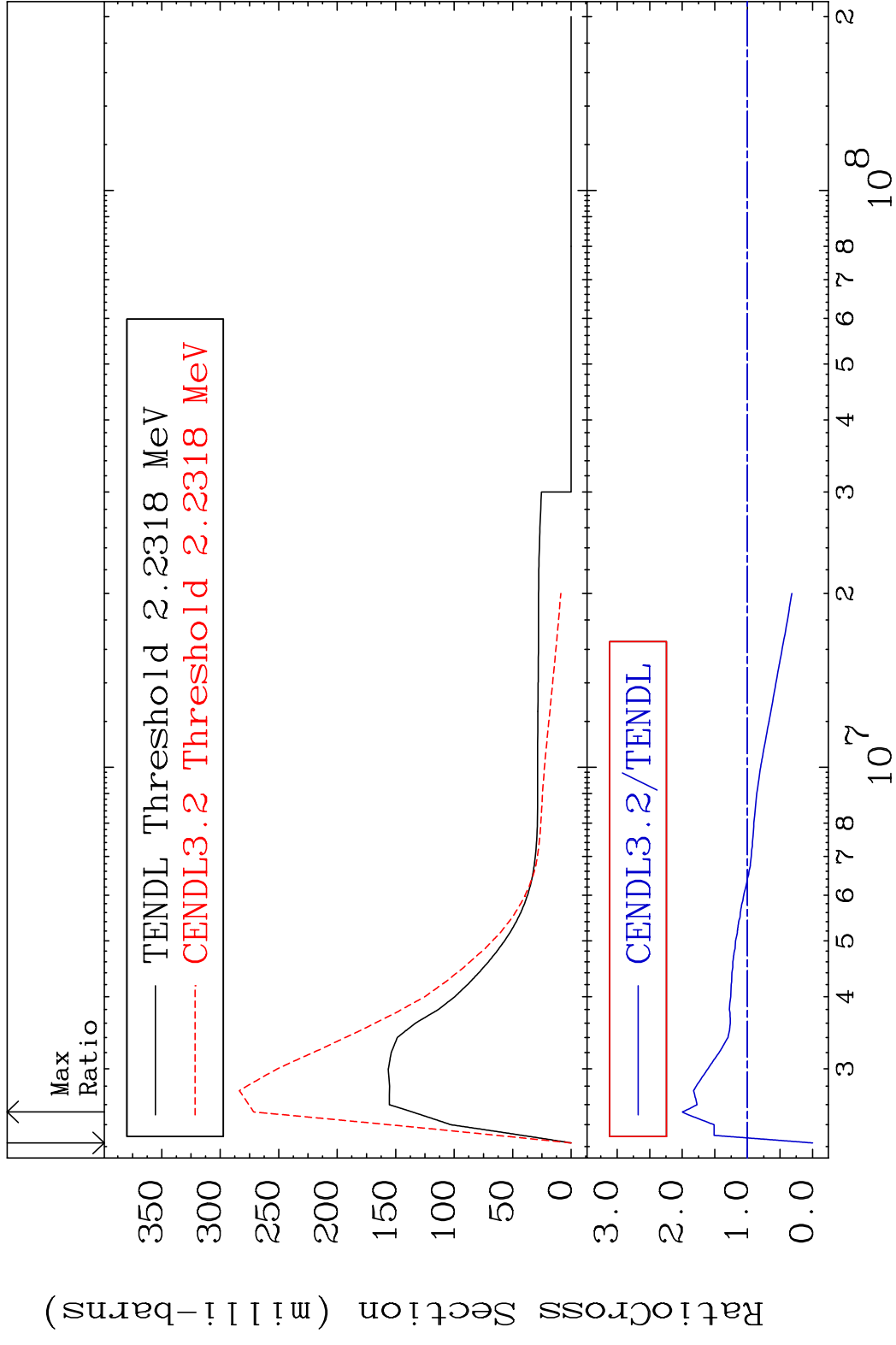


MAT 3843 MT= 53 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 2386. %

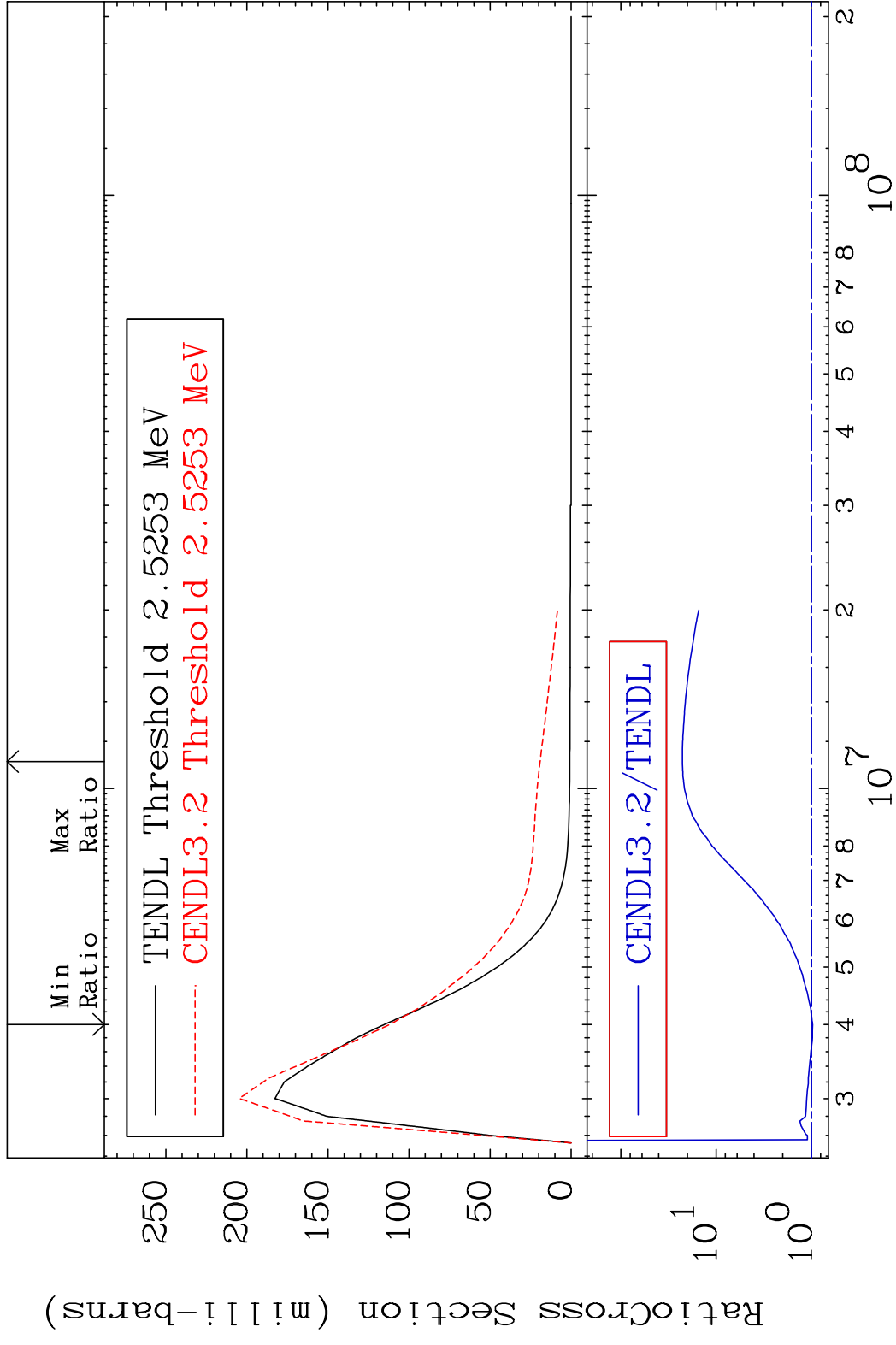


10 Incident Energy (eV) 38-Sr-90

MAT 3843 MT= 54 (n, n') Level 38-Sr-90
 Cross Section -100.0 To 99.88 %



MAT 3843 MT= 55 (n, n') Level 38-Sr-90
 Cross Section -2.987 To 2162. %



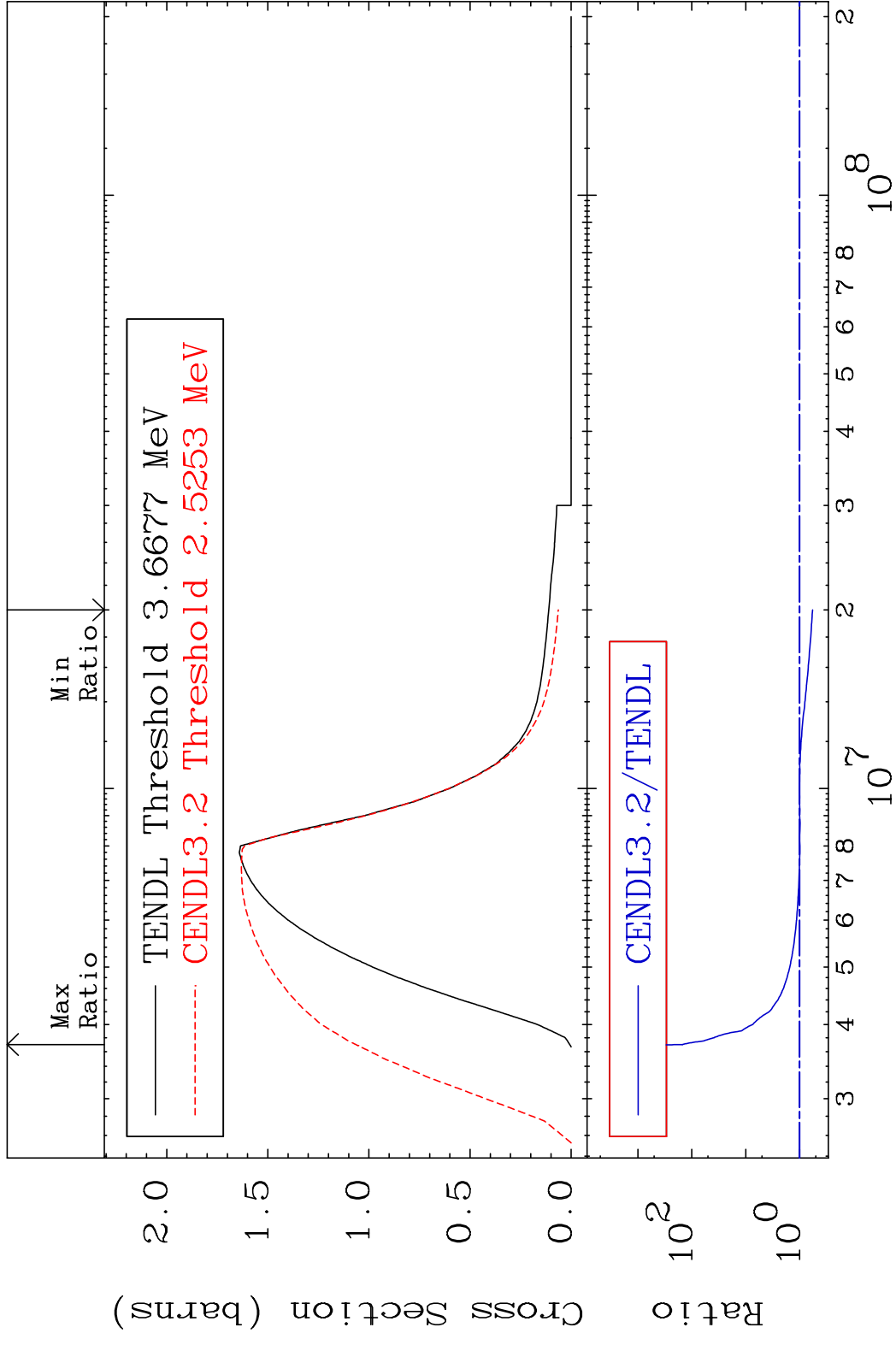
12 Incident Energy (eV) 38-Sr-90

MAT 3843

(n,n') Continuum

38-Sr-90

Cross Section -42.61 To 9999. %



13

Incident Energy (eV)

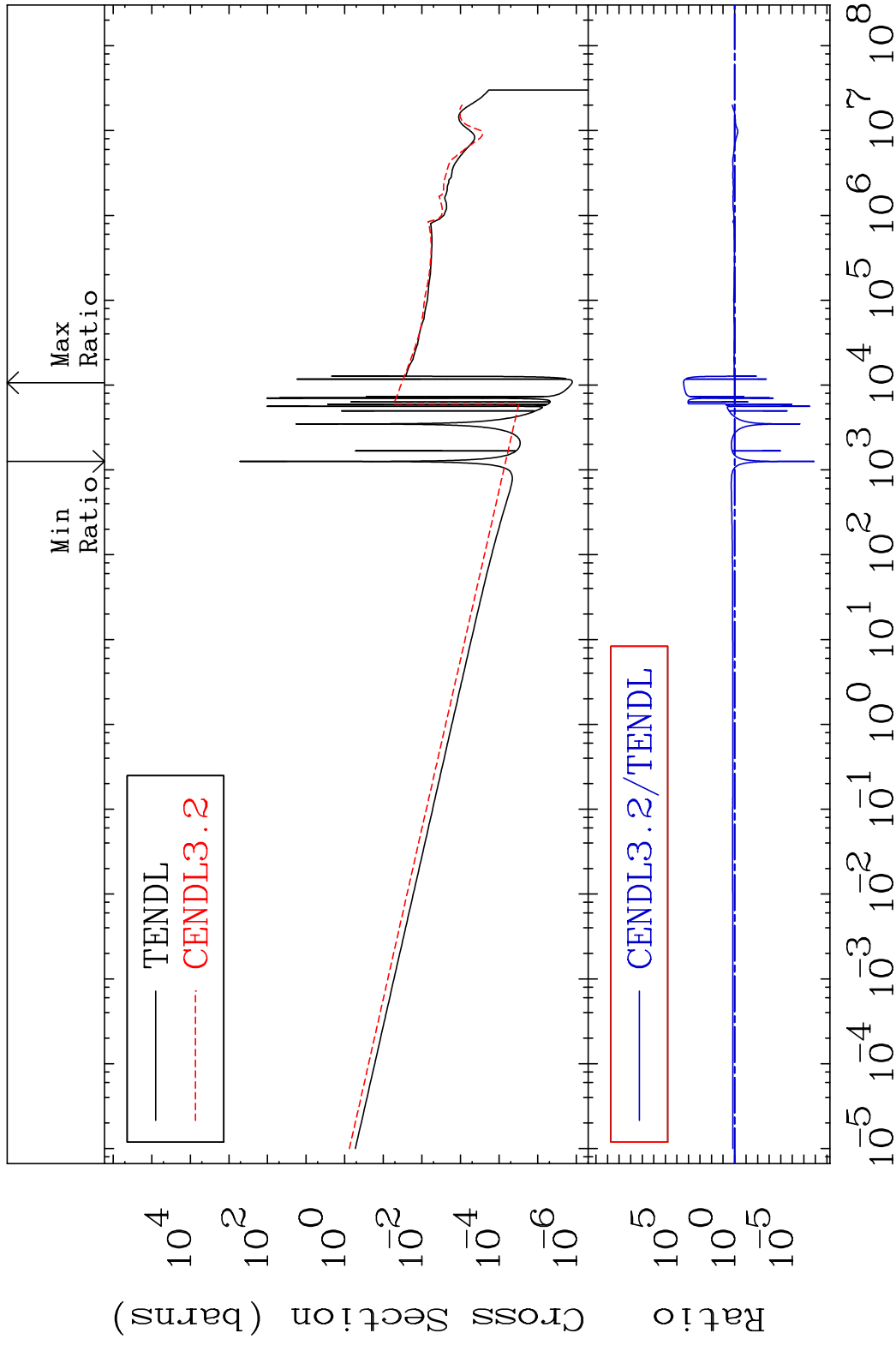
38-Sr-90

MAT 3843

(n, γ)

38-Sr-90

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

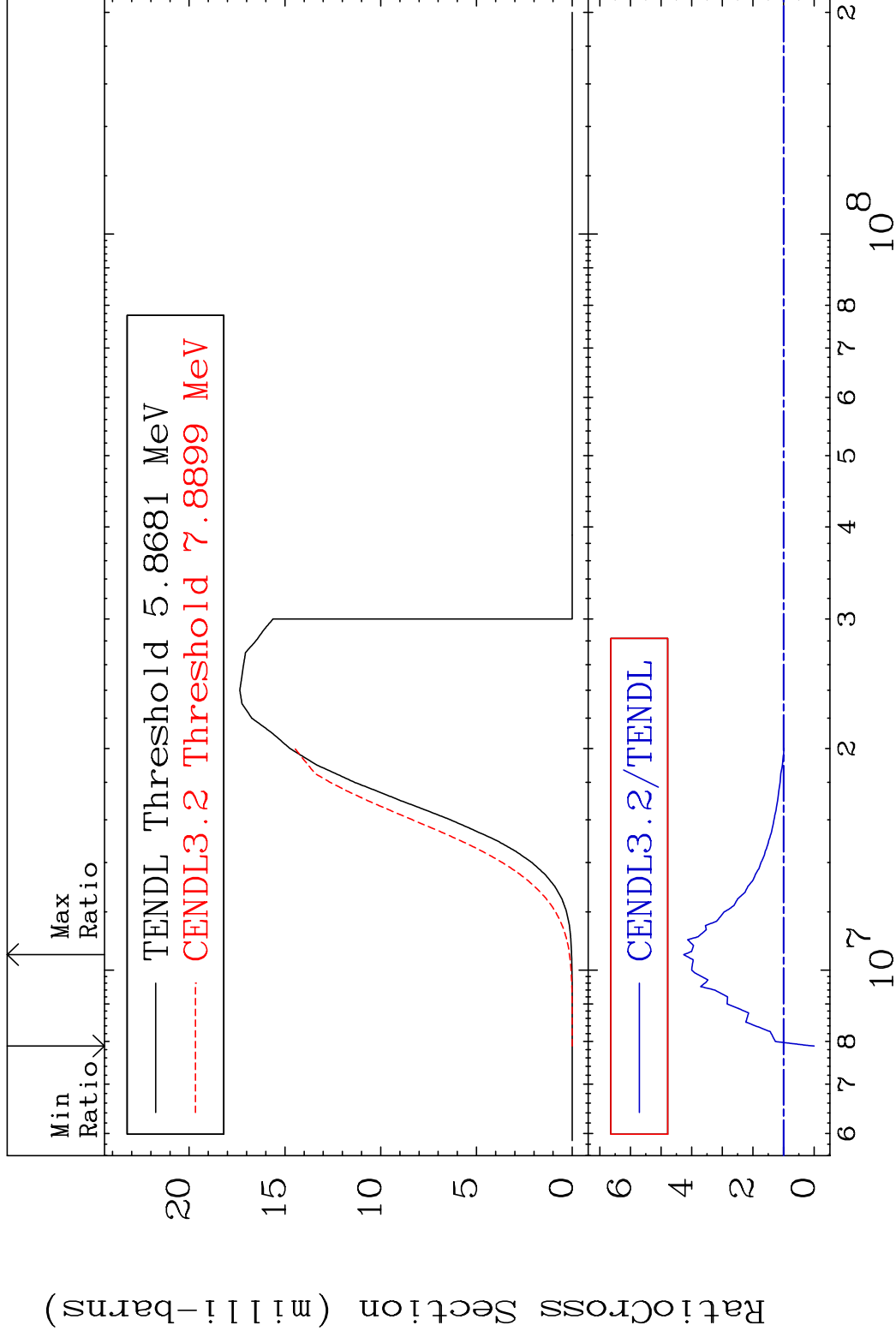
38-Sr-90

MAT 3843

(n,p)

38-Sr-90

Cross Section -100.0 To 326.0 %



15

Incident Energy (eV)

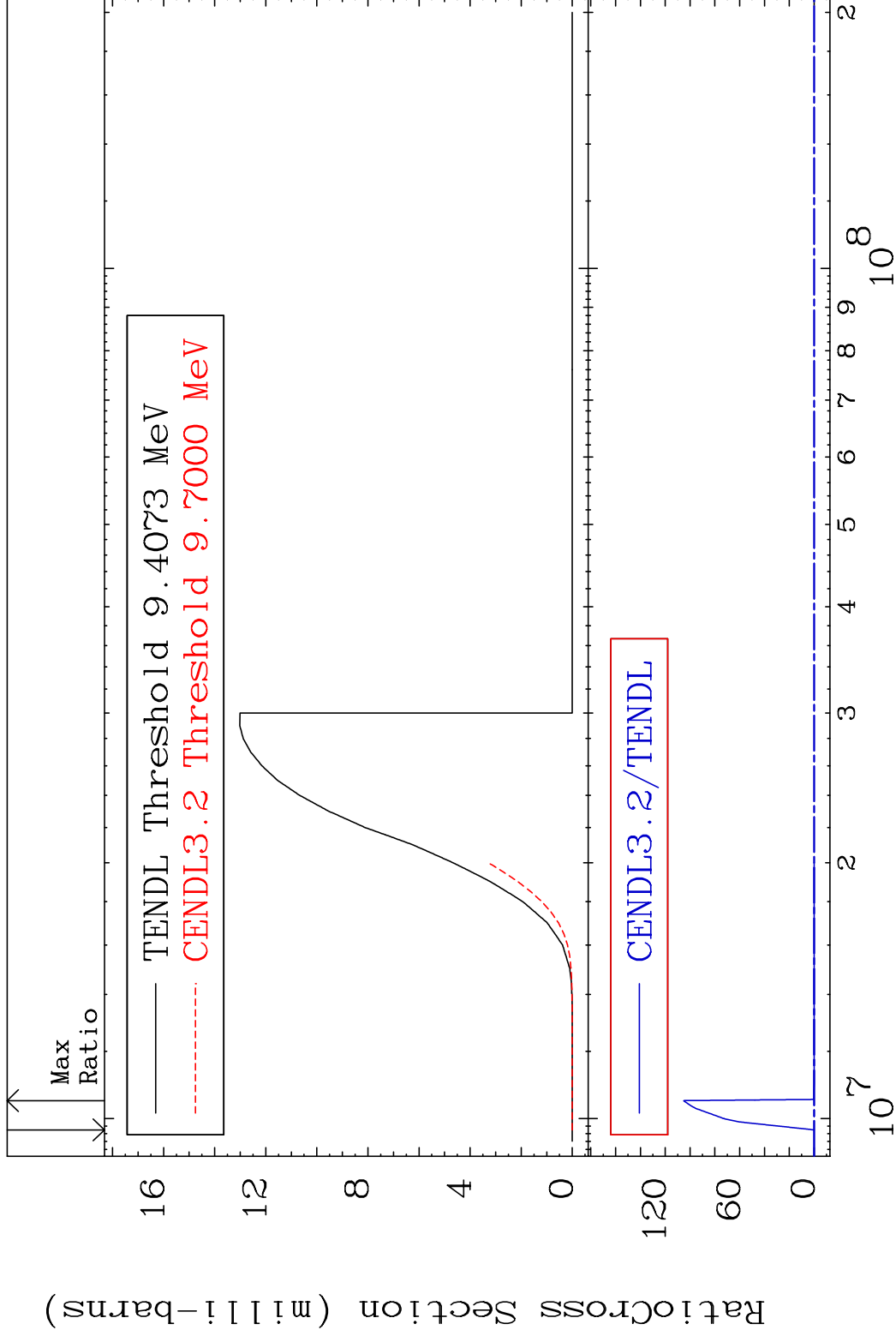
38-Sr-90

MAT 3843

(n,d)

38-Sr-90

Cross Section -100.0 To 9999. %

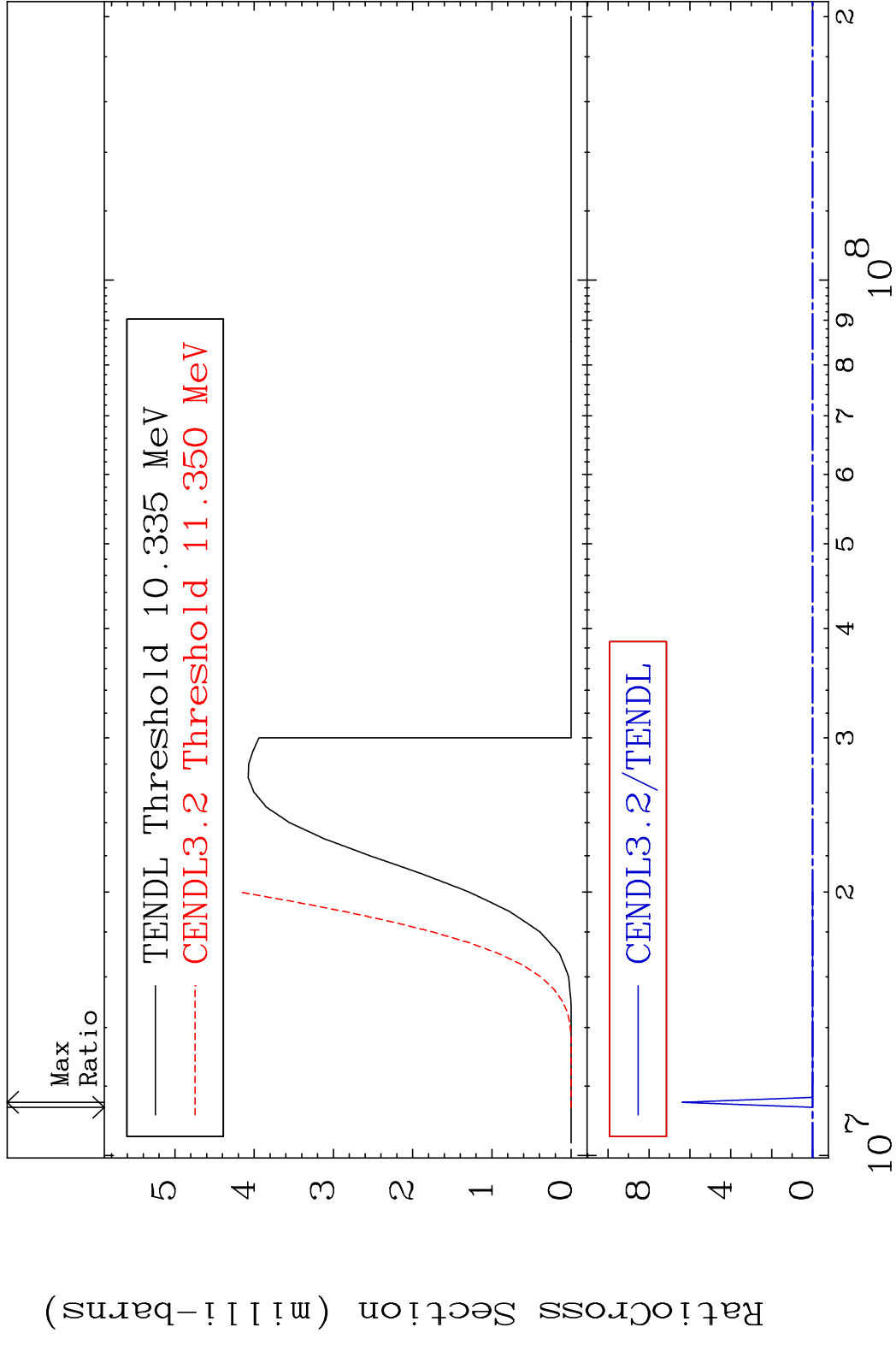


16

Incident Energy (eV)

38-Sr-90

MAT 3843 (n, t) 38-Sr-90
 Cross Section -100.0 To 9999. %



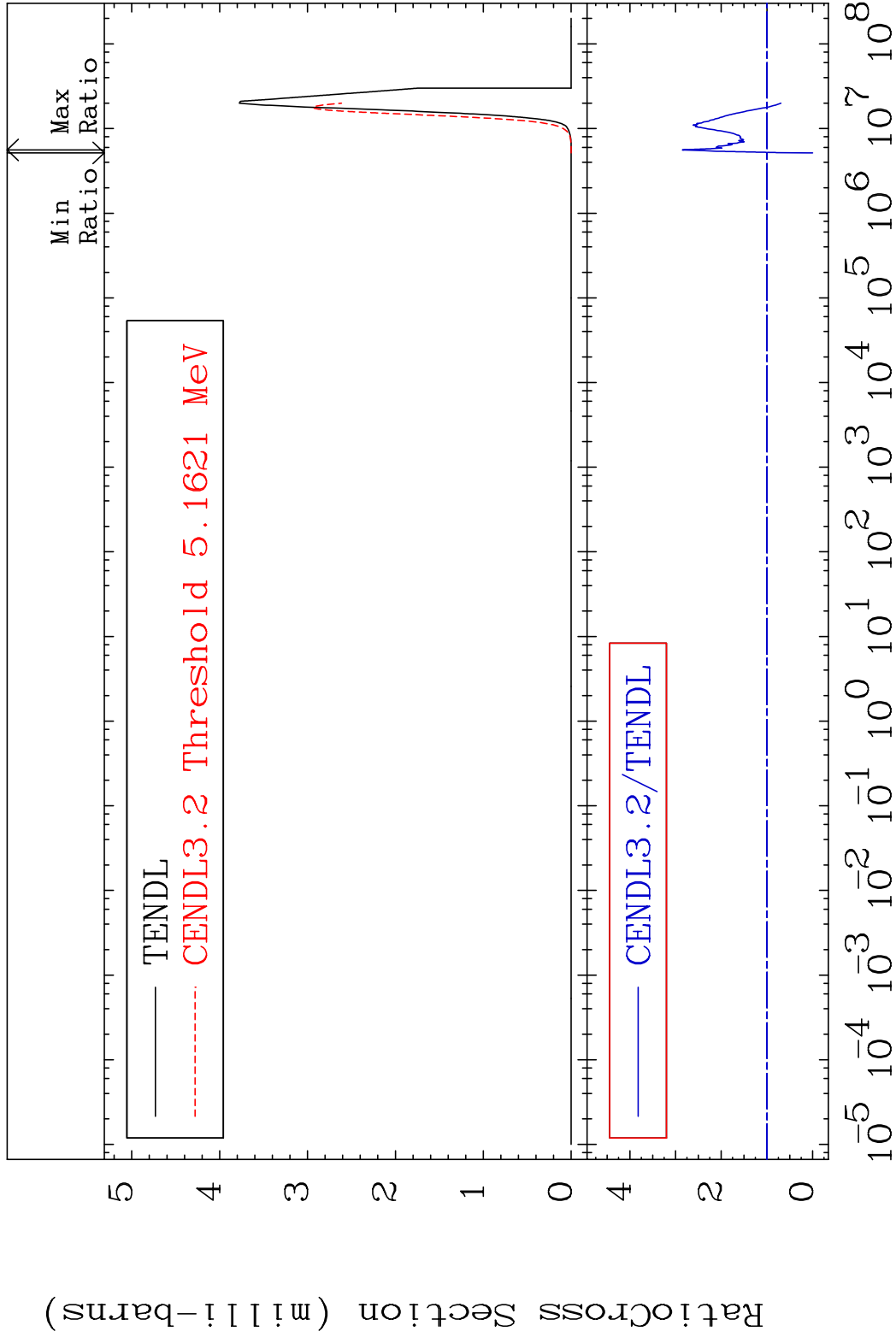
17 38-Sr-90

MAT 3843

(n, α)

38-Sr-90

Cross Section -100.0 To 185.1 %

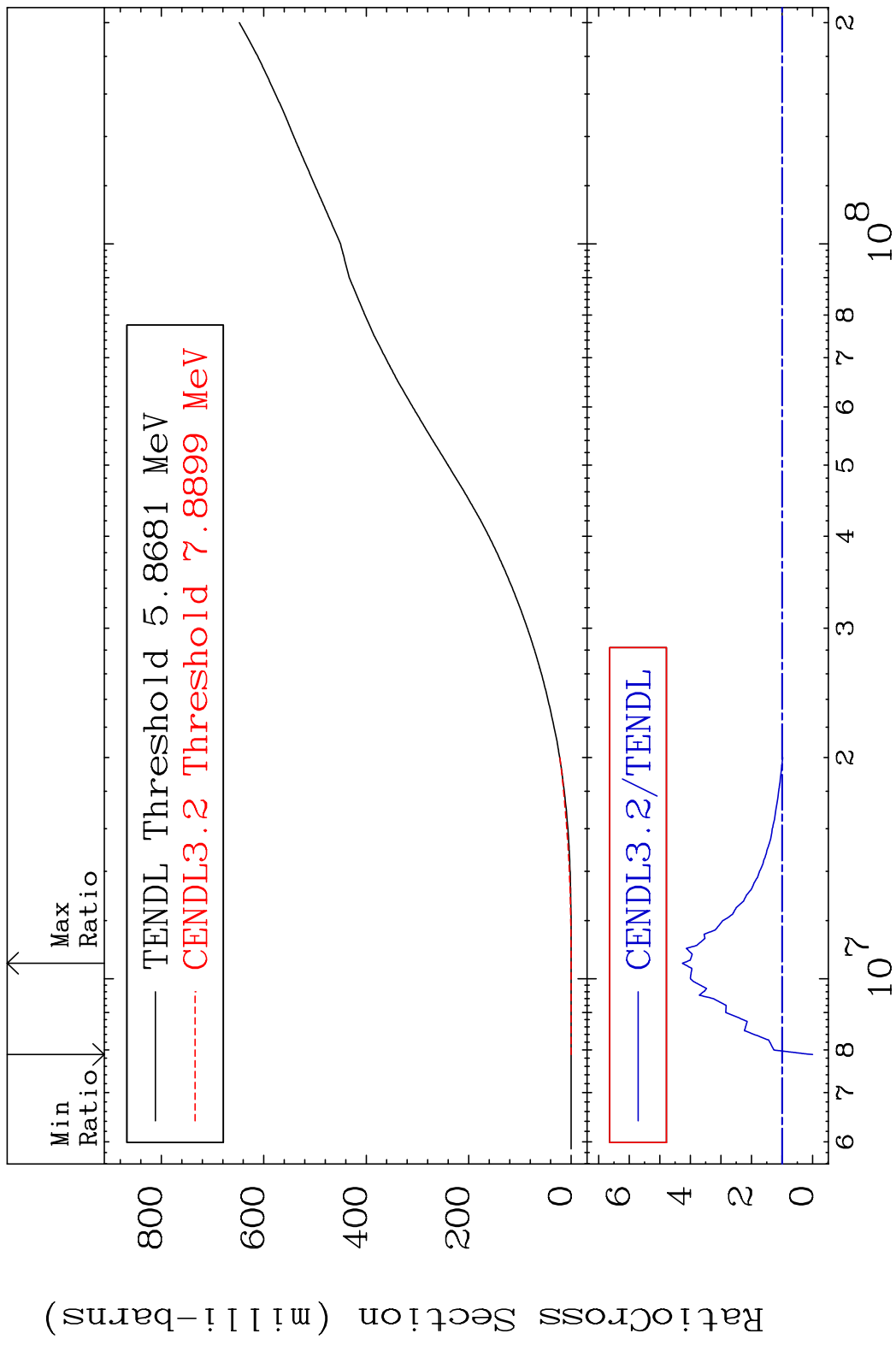


18

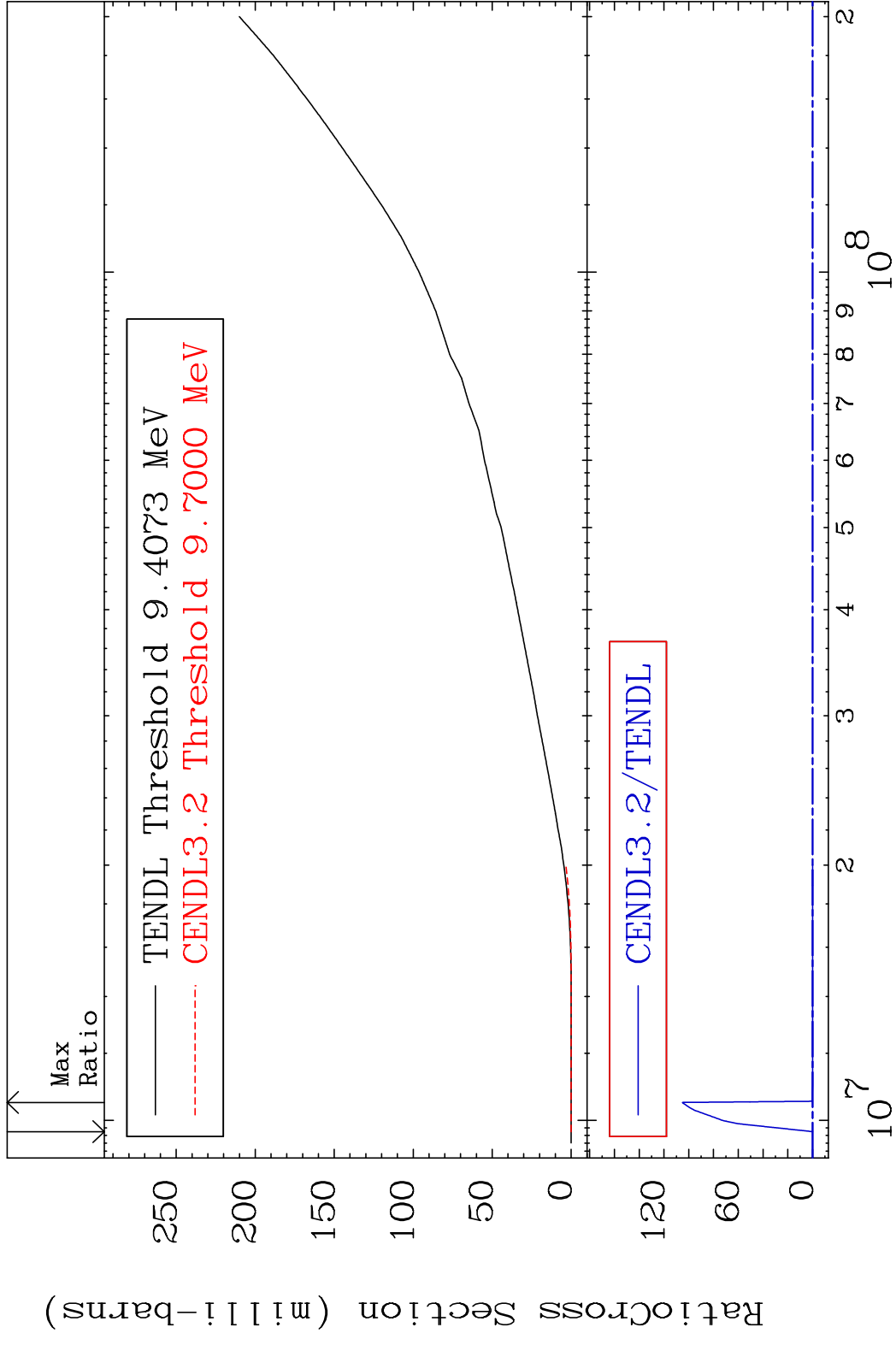
Incident Energy (eV)

38-Sr-90

MAT 3843 Hydrogen Production 38-Sr-90
 Cross Section -100.0 To 326.0 %

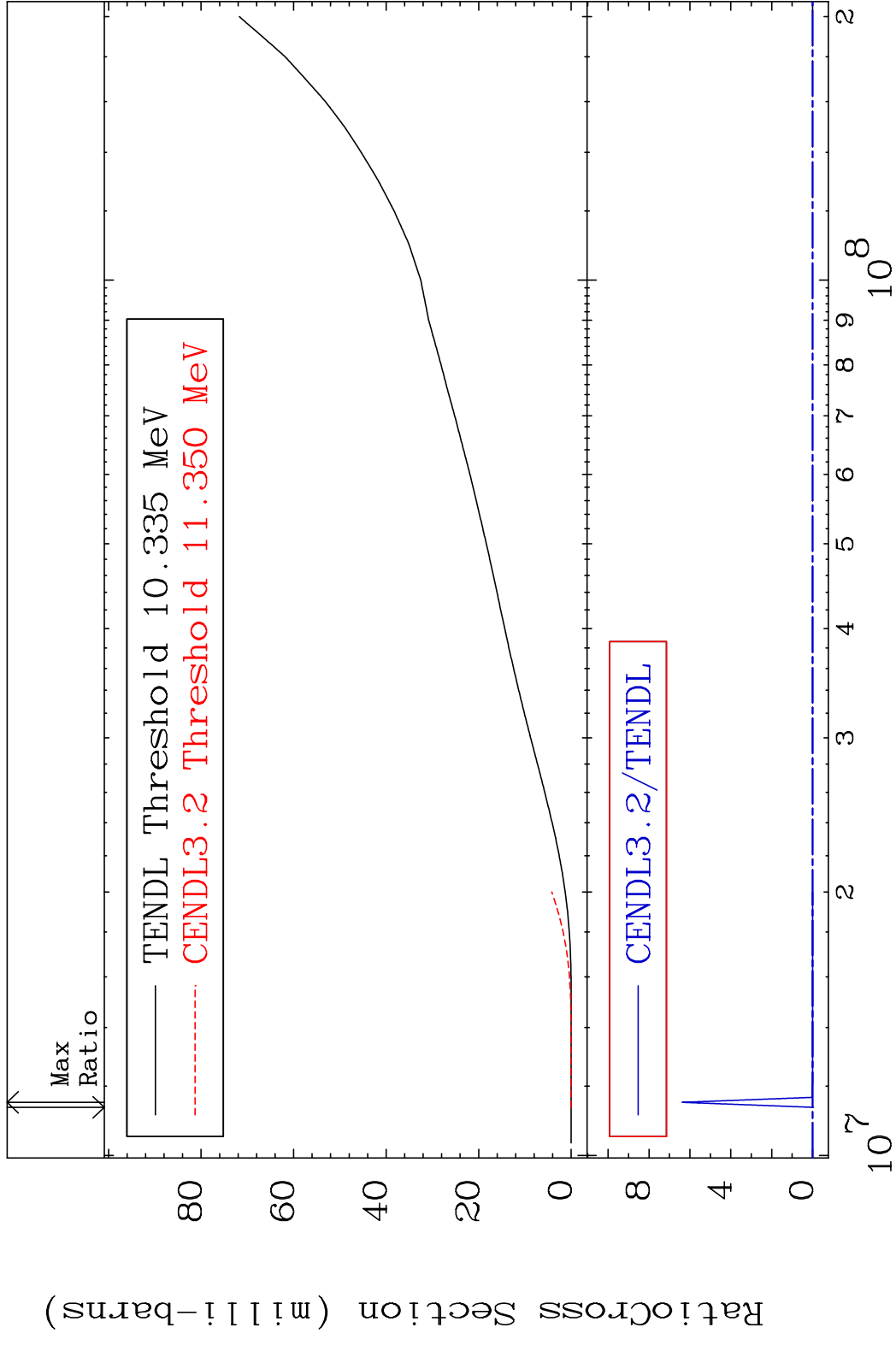


MAT 3843 Deuterium Production 38-Sr-90
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 38-Sr-90

MAT 3843 Tritium Production 38-Sr-90
 Cross Section -100.0 To 9999. %



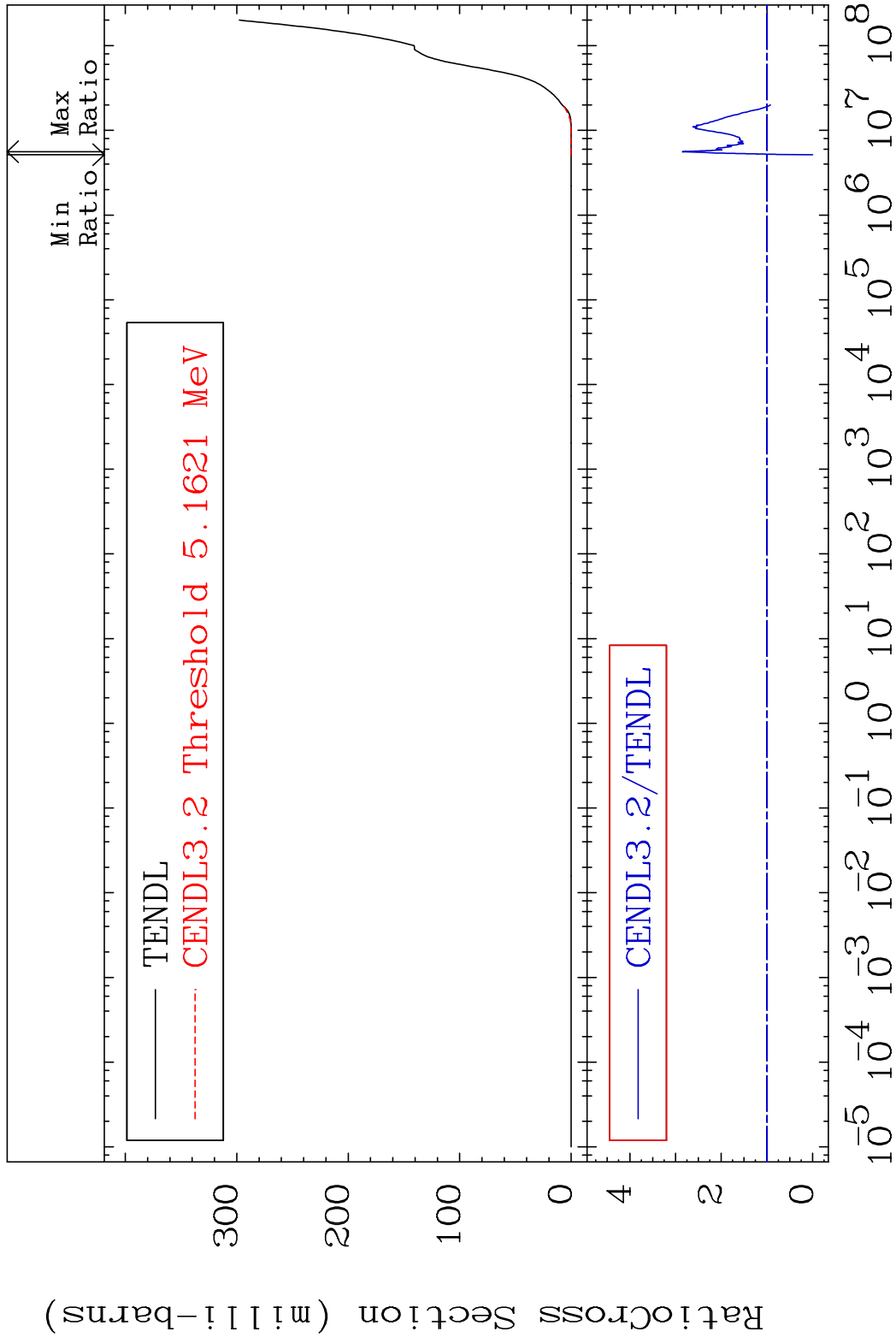
21 38-Sr-90

MAT 3843

He-4 Production

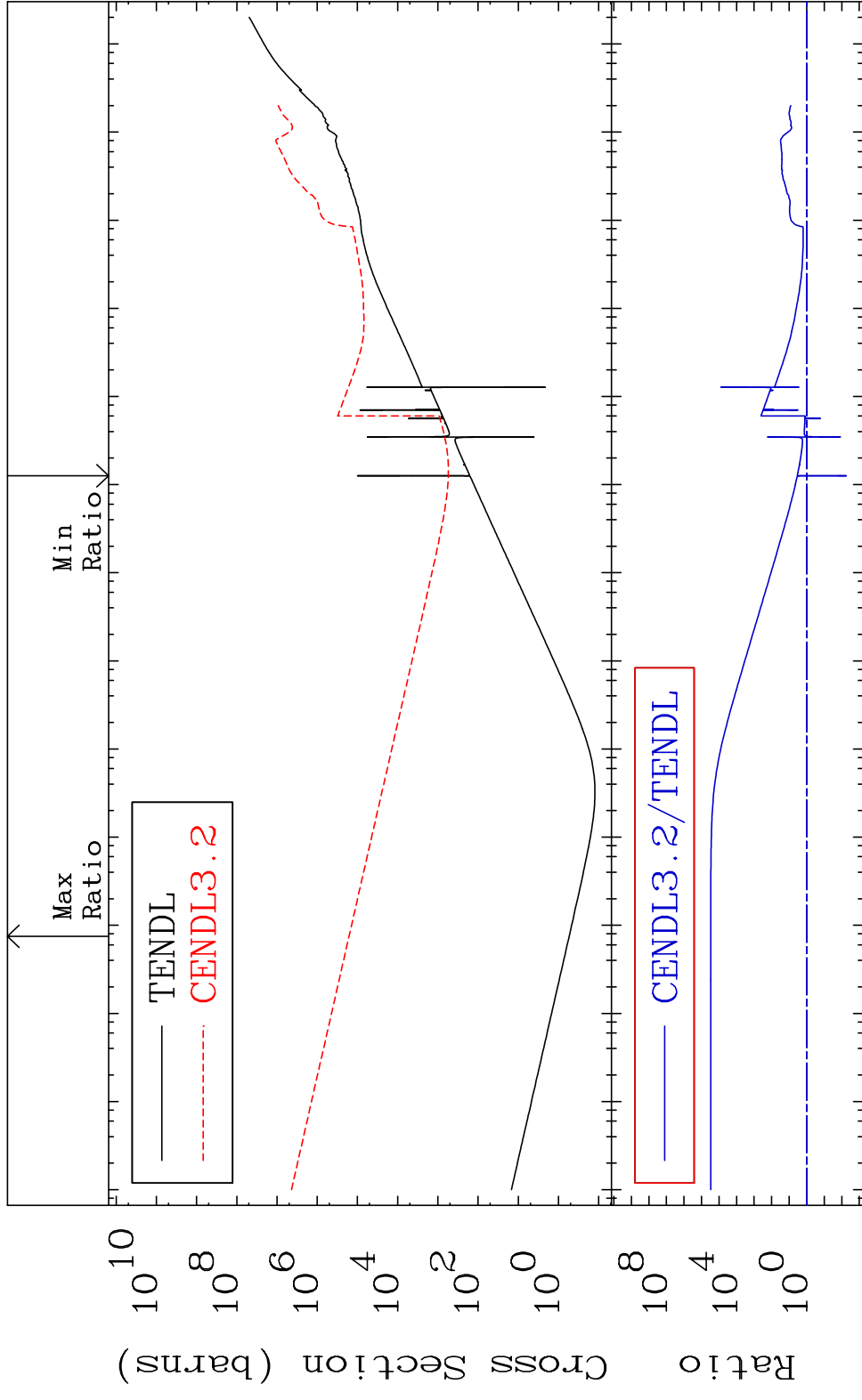
38-Sr-90

Cross Section -100.0 To 185.1 %



22

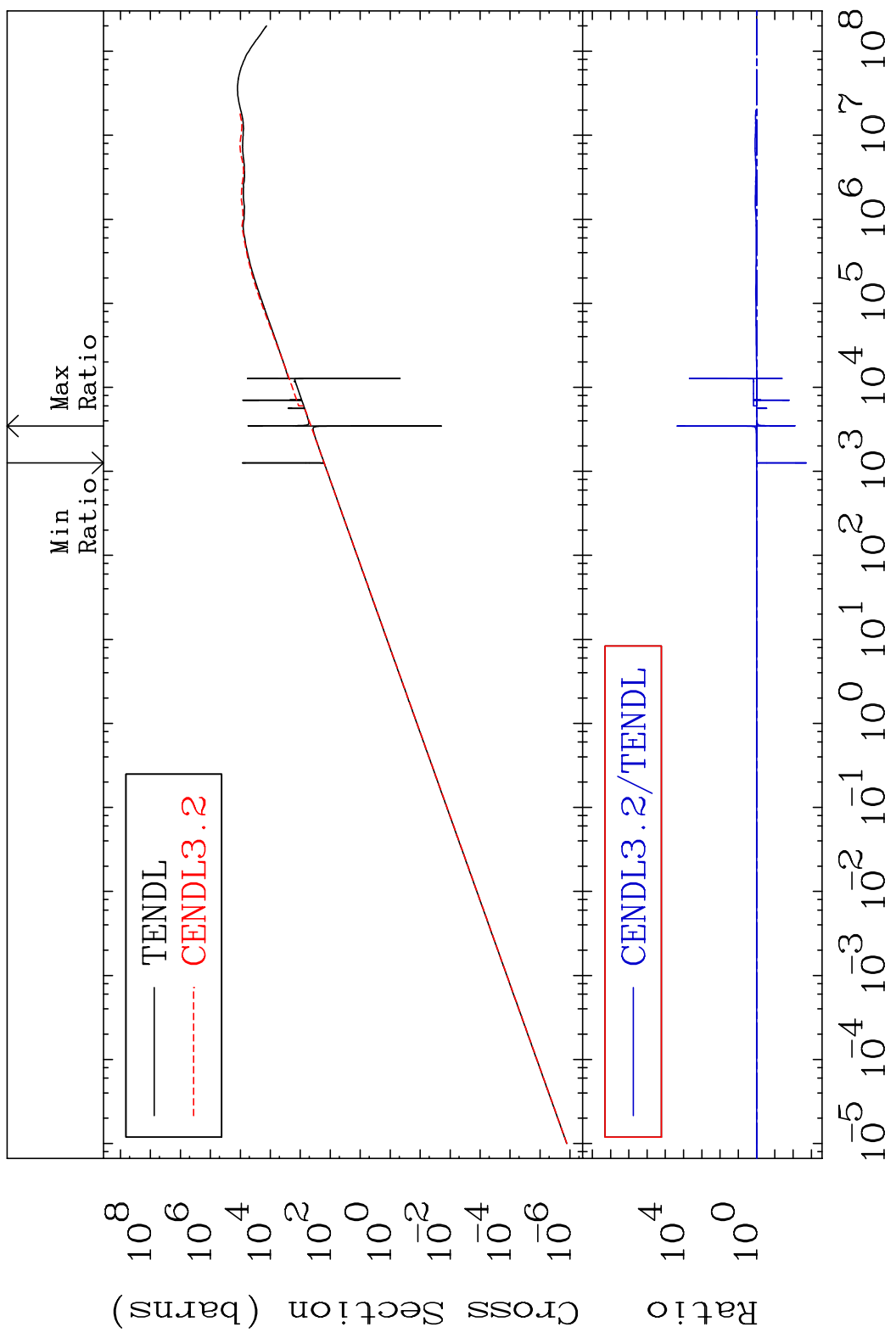
MAT 3843 Kerma total (eV-barns) 38-Sr-90
 Cross Section -99.45 To 9999. %



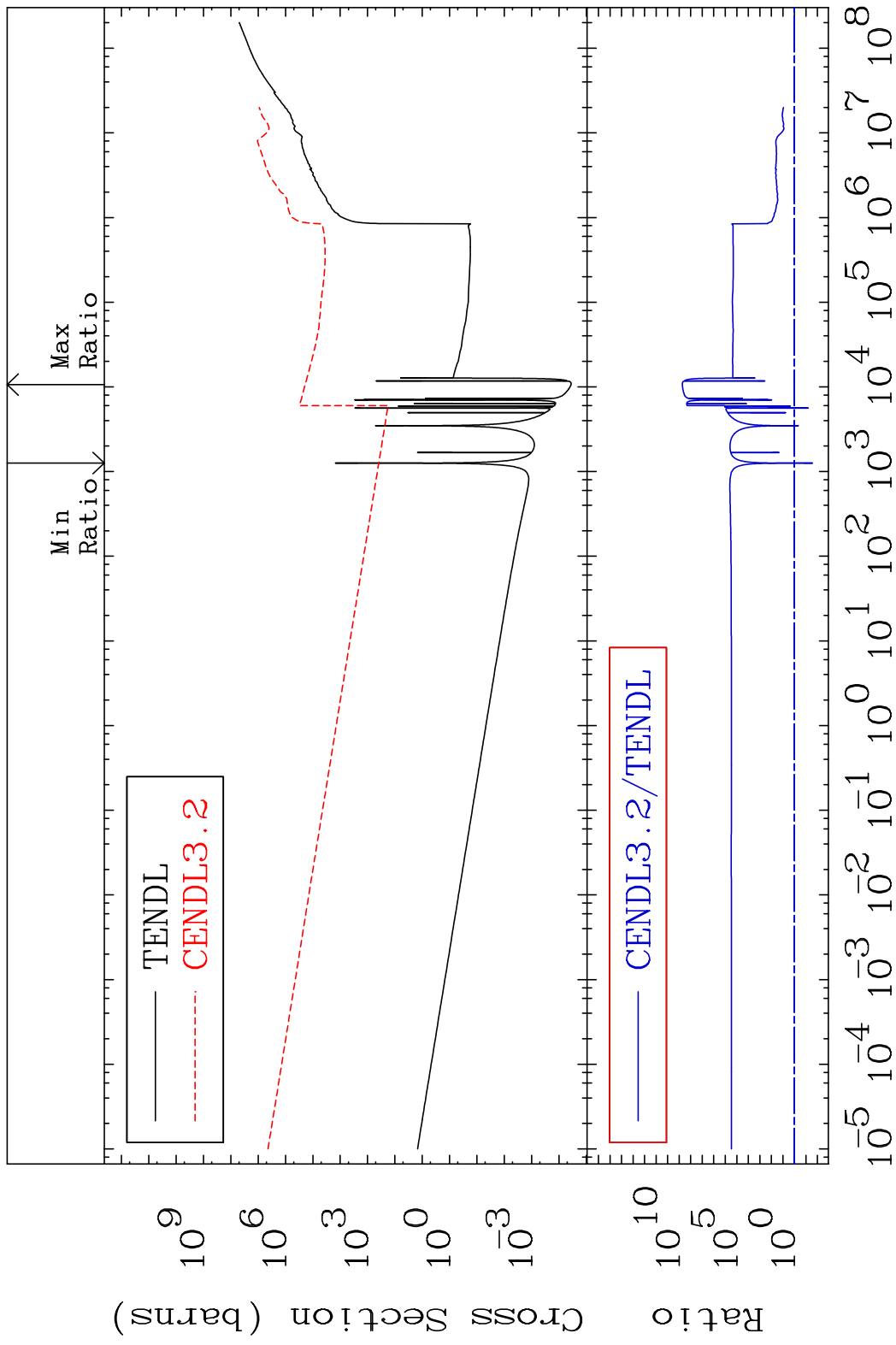
Ratio
 Cross Section (barns)
 Incident Energy (eV) 38-Sr-90

MAT 3843

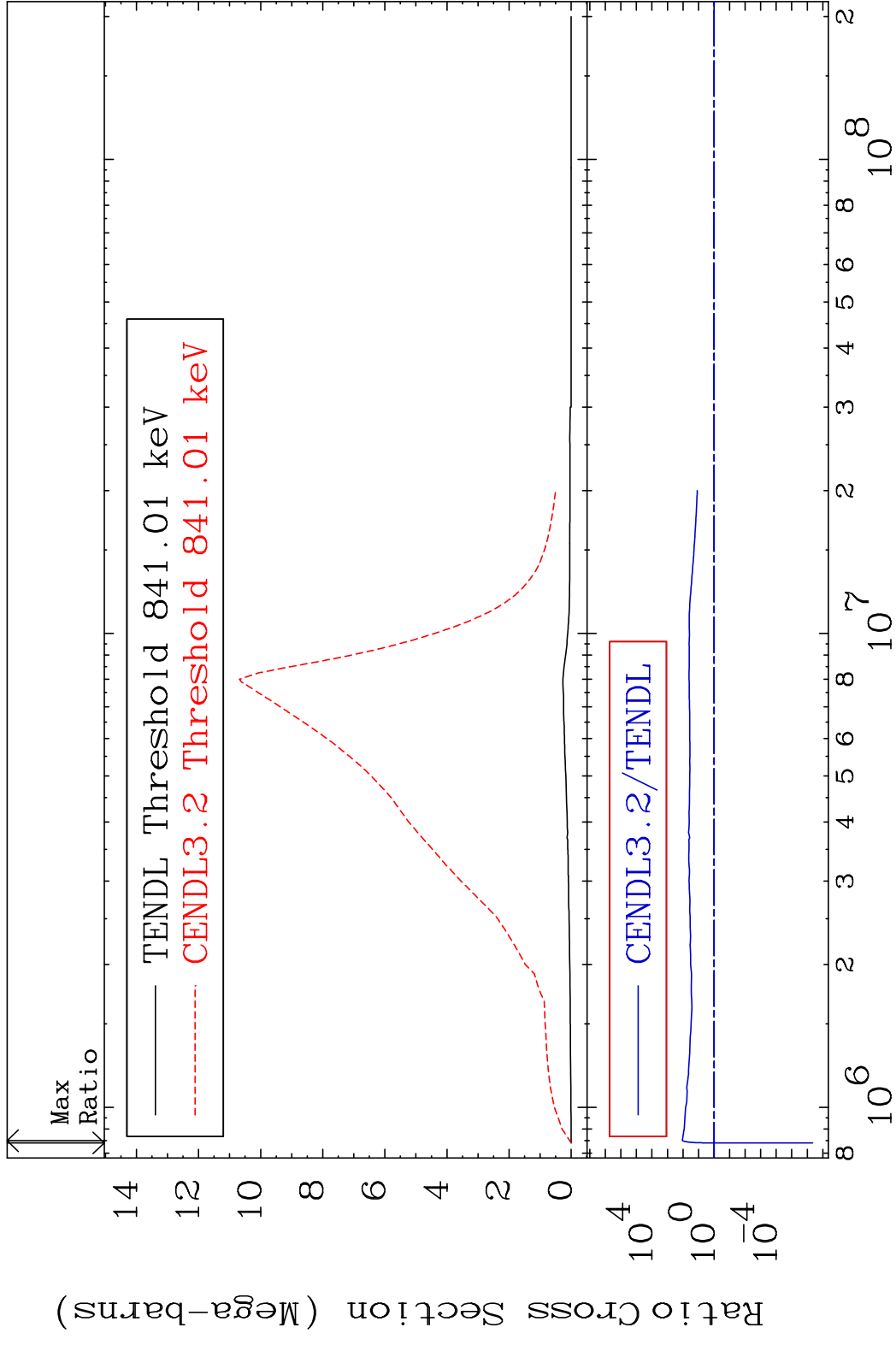
Kerma elastic Cross Section -99.81 To 9999. %
38-Sr-90



MAT 3843 Kerma non-elastic (all but mt2) 38-Sr-90
 Cross Section -97.35 To 9999. %

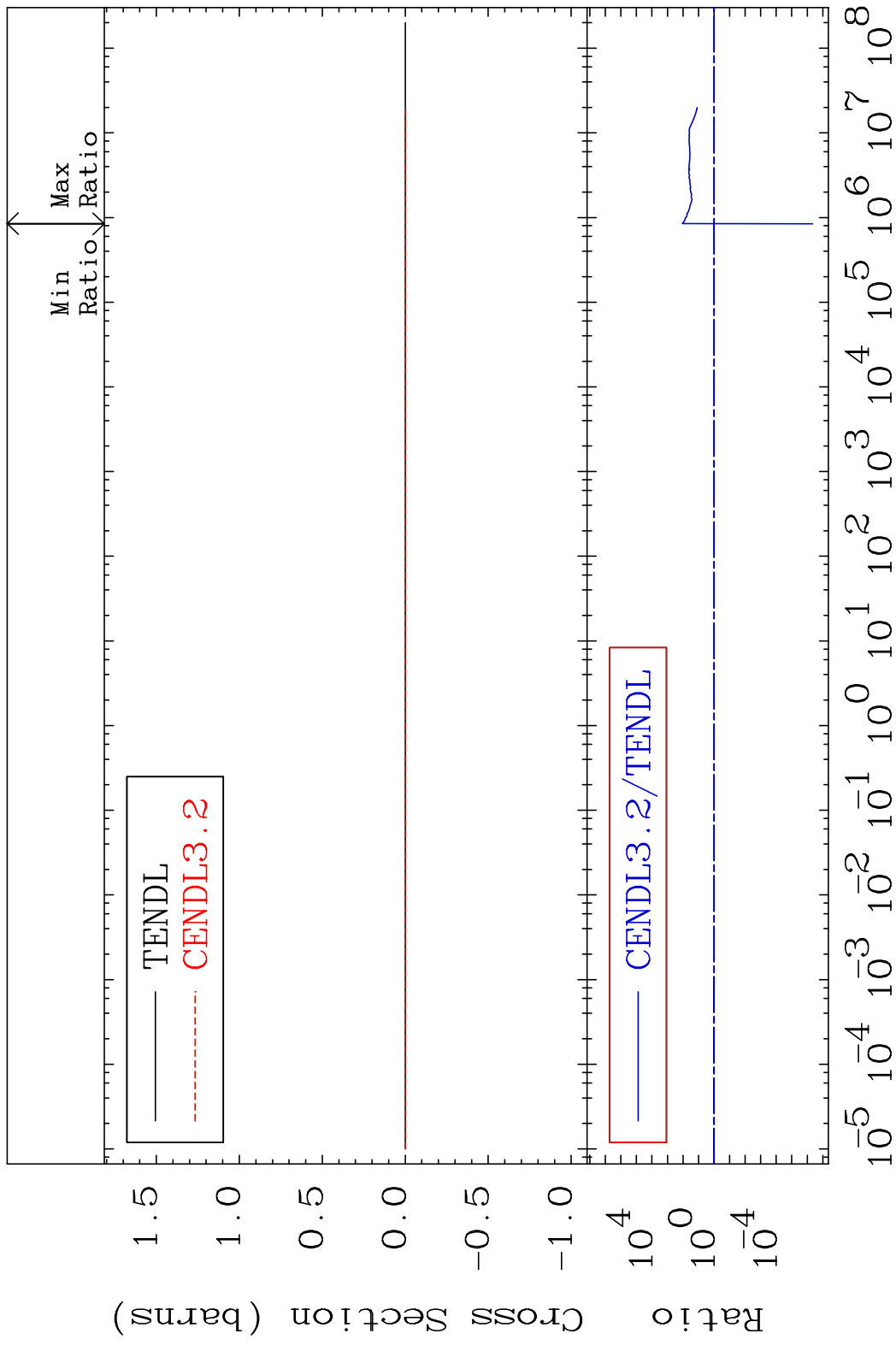


MAT 3843 Kerma inelastic (mt51-91) 38-Sr-90
 Cross Section -100.0 To 9999. %



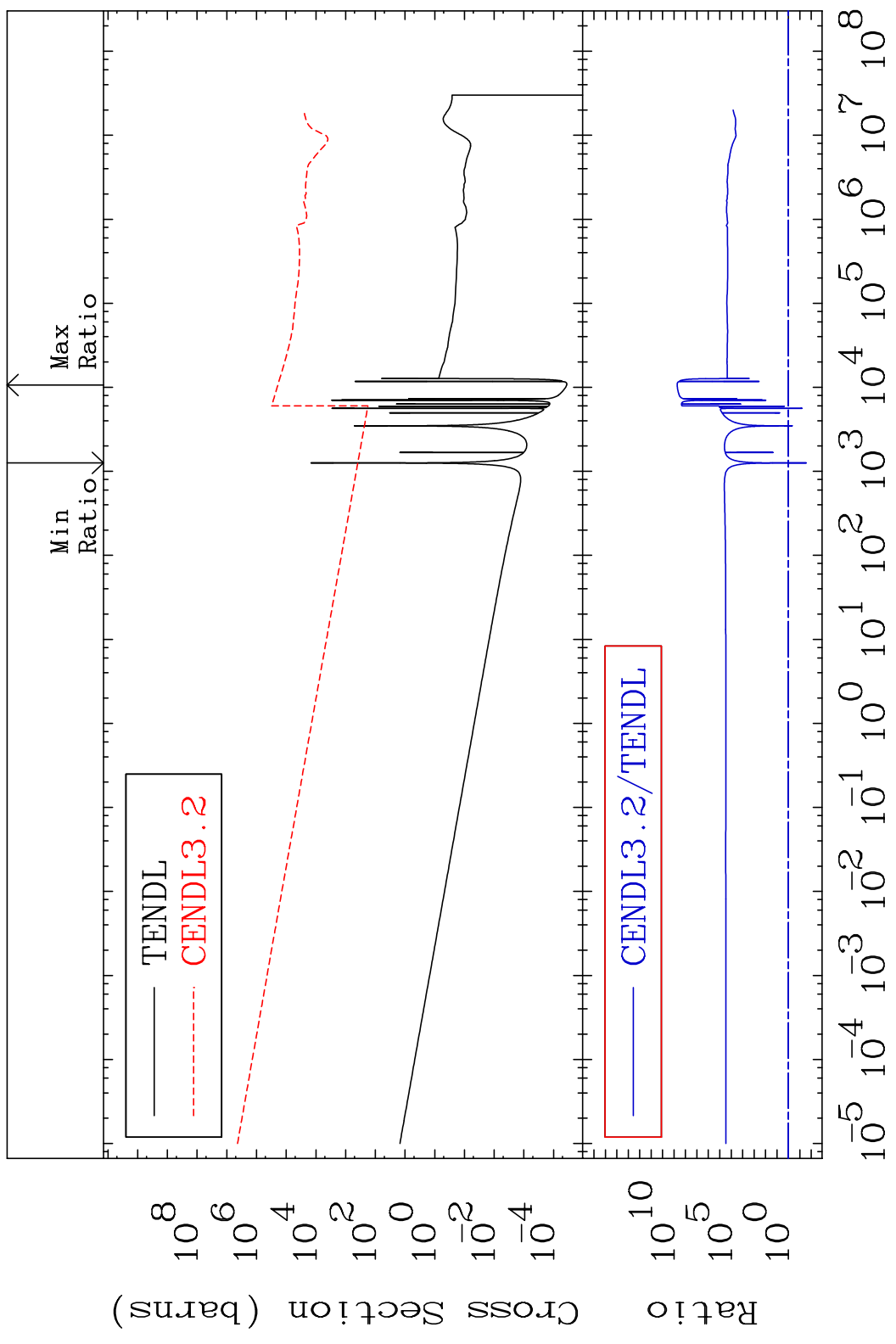
26 Incident Energy (eV) 38-Sr-90

MAT 3843 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-90
 Cross Section -100.0 To 9999. %



MAT 3843

Kerma capture (mt102) 38-Sr-90
Cross Section -97.35 To 9999. %

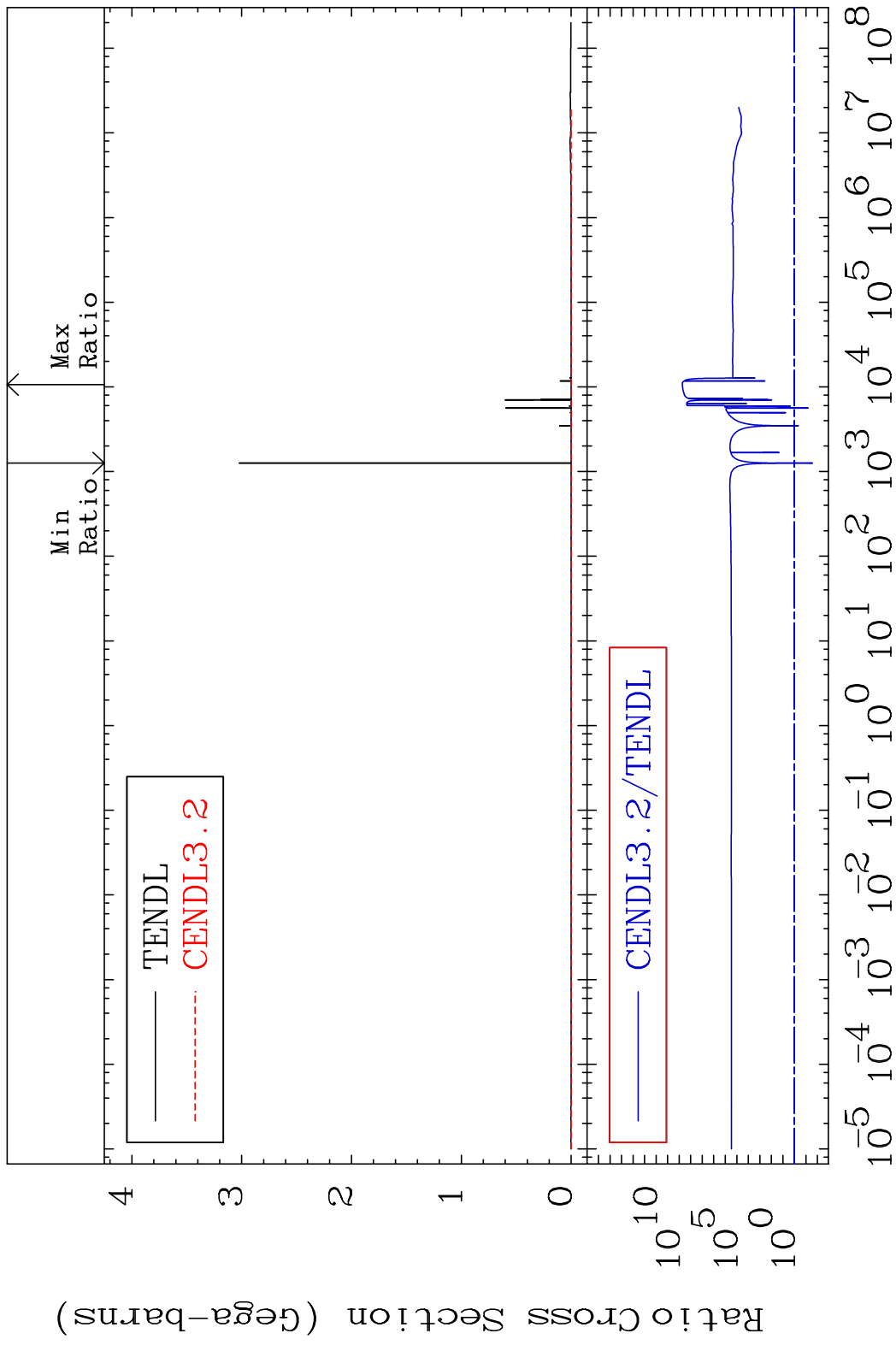


28

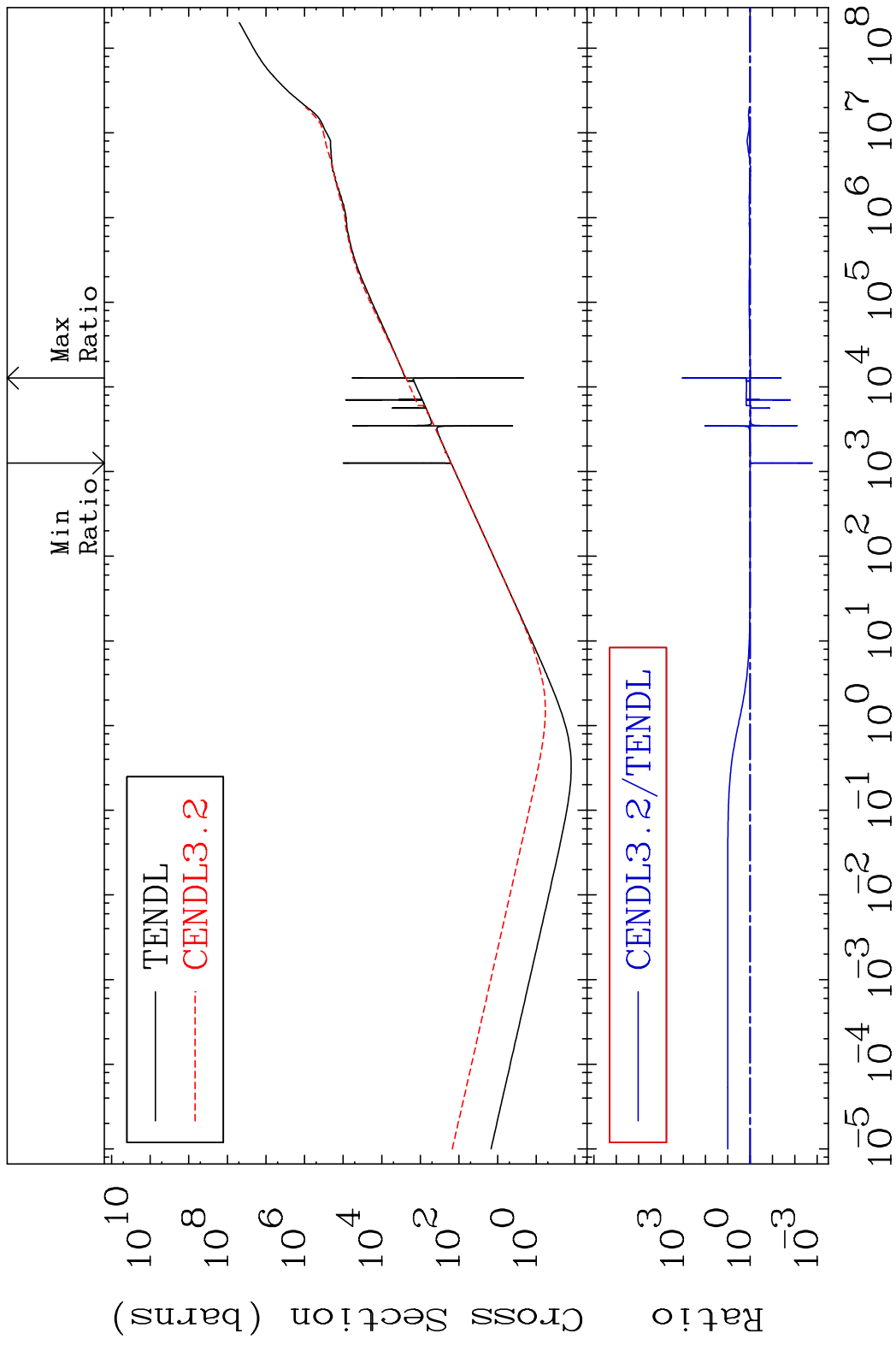
Incident Energy (eV)

38-Sr-90

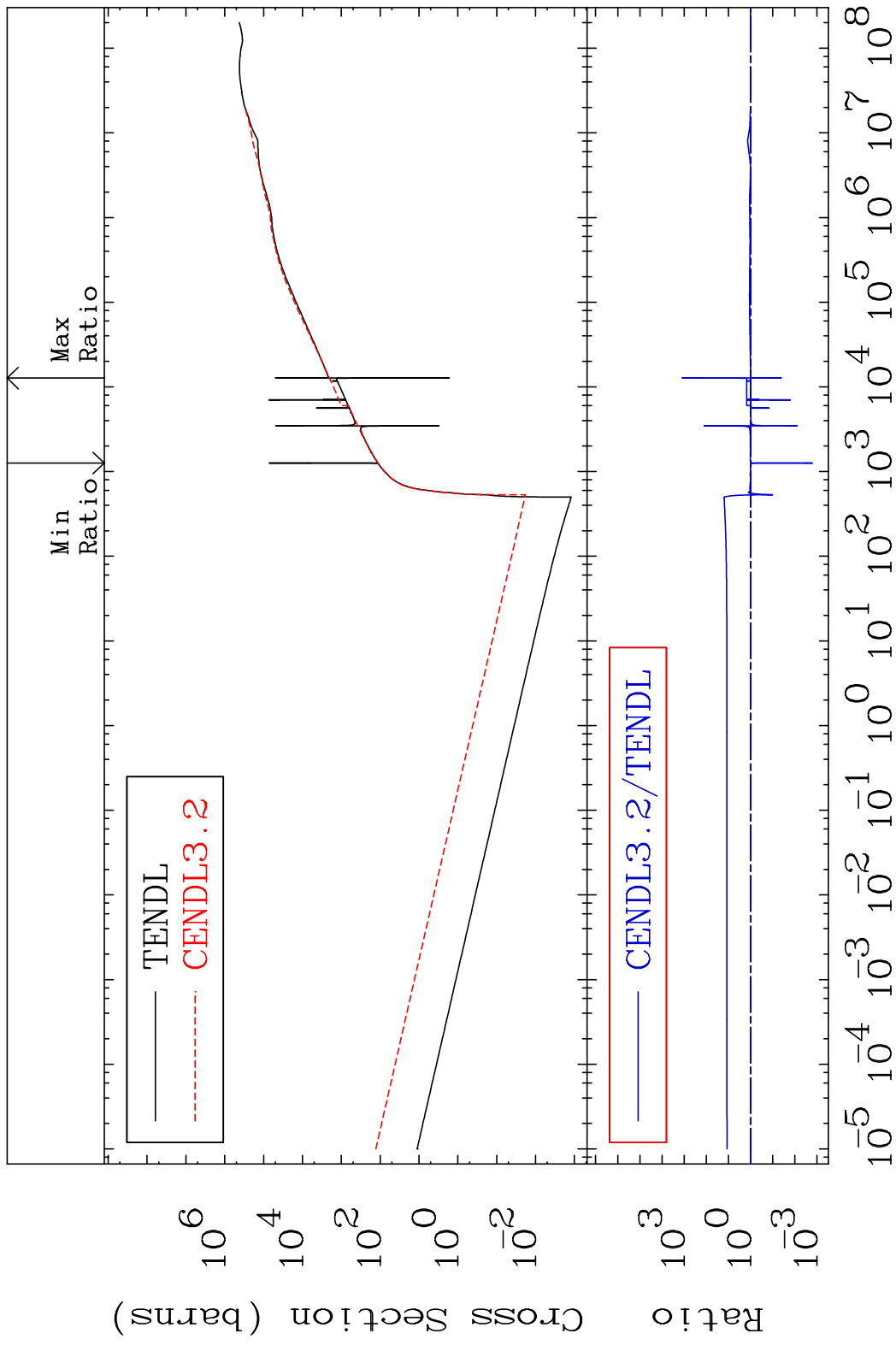
MAT 3843 Total photon (eV-barns) 38-Sr-90
Cross Section -97.35 To 9999. %



MAT 3843 Total kinematic kerma (high limit) 38-Sr-90
 Cross Section -99.84 To 9999. %



MAT 3843 Dpa total (eV-barns) 38-Sr-90
 Cross Section -99.84 To 9999. %

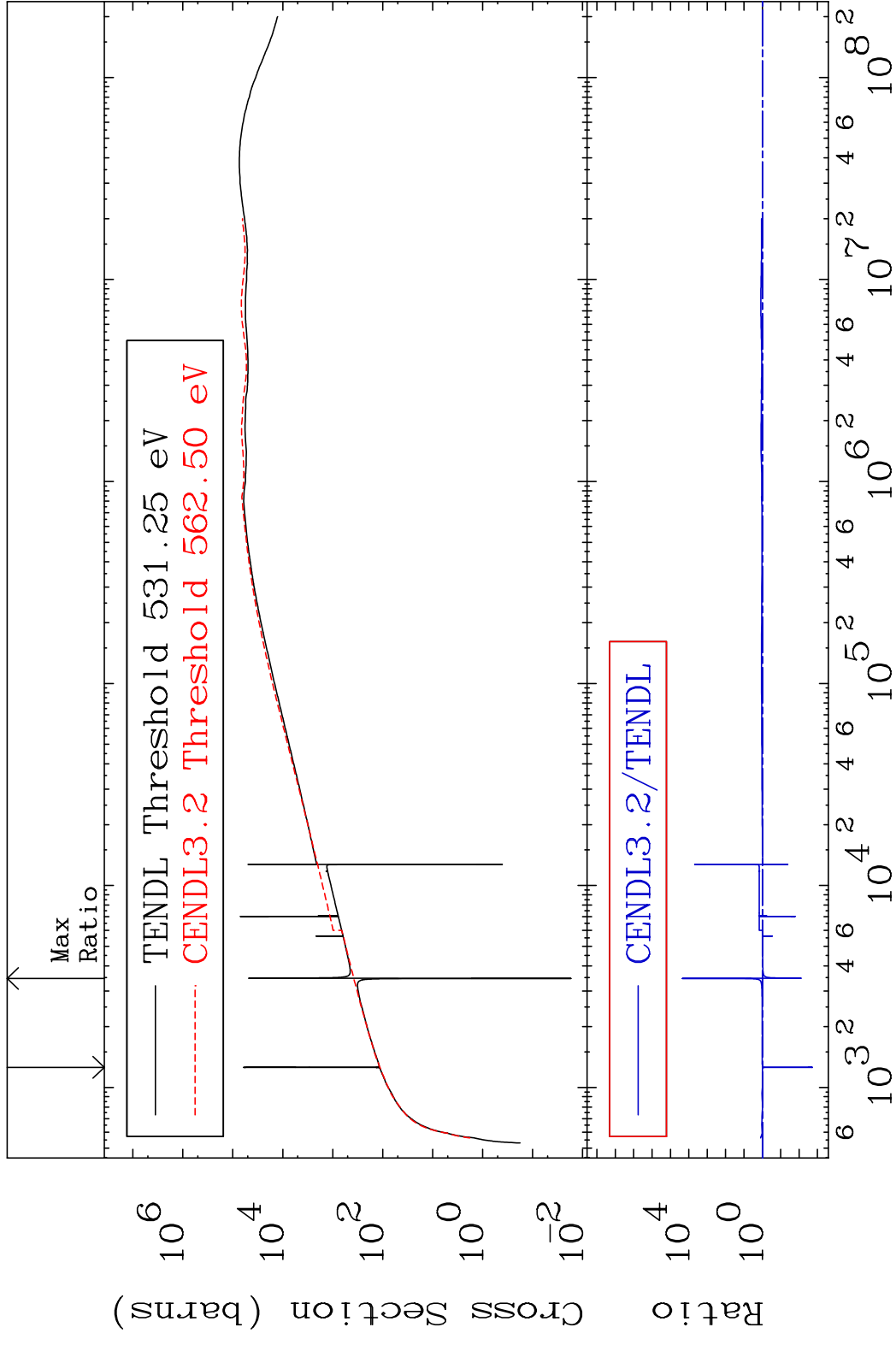


MAT 3843

Dpa elastic (mt2)

38-Sr-90

Cross Section -99.81 To 9999. %

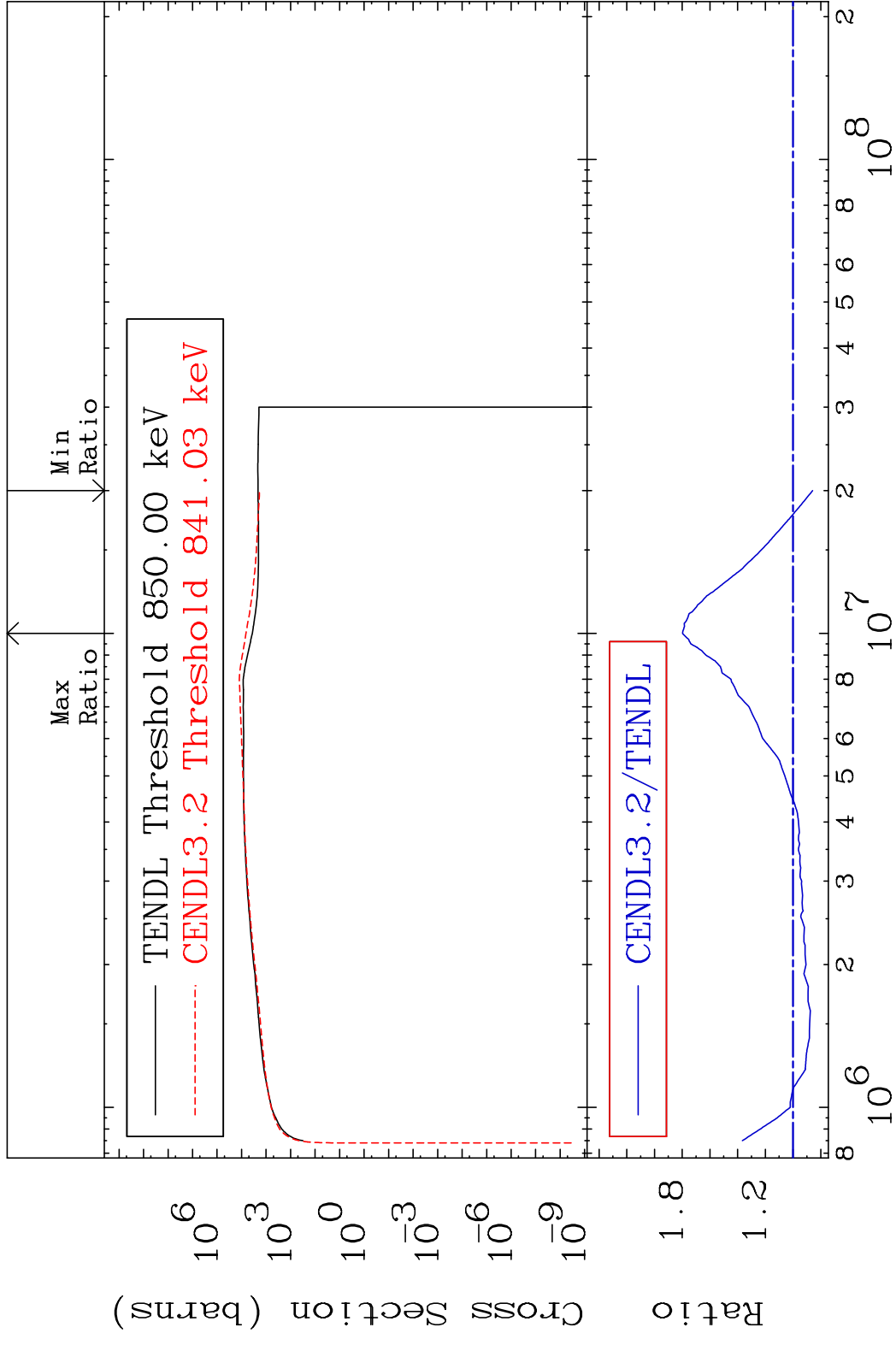


32

Incident Energy (eV)

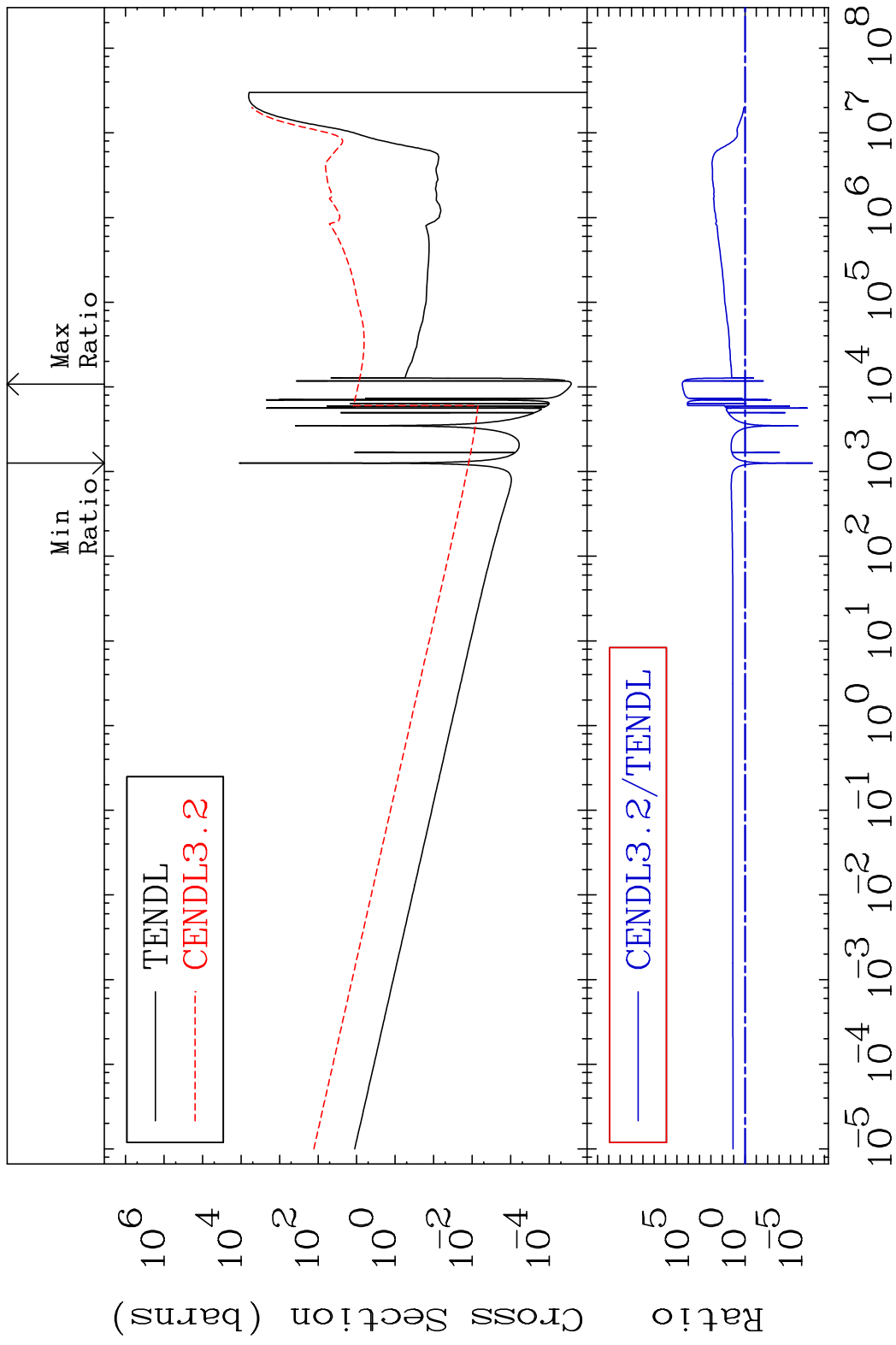
38-Sr-90

MAT 3843 Dpa inelastic (mt51-91) 38-Sr-90
 Cross Section -14.09 To 79.88 %



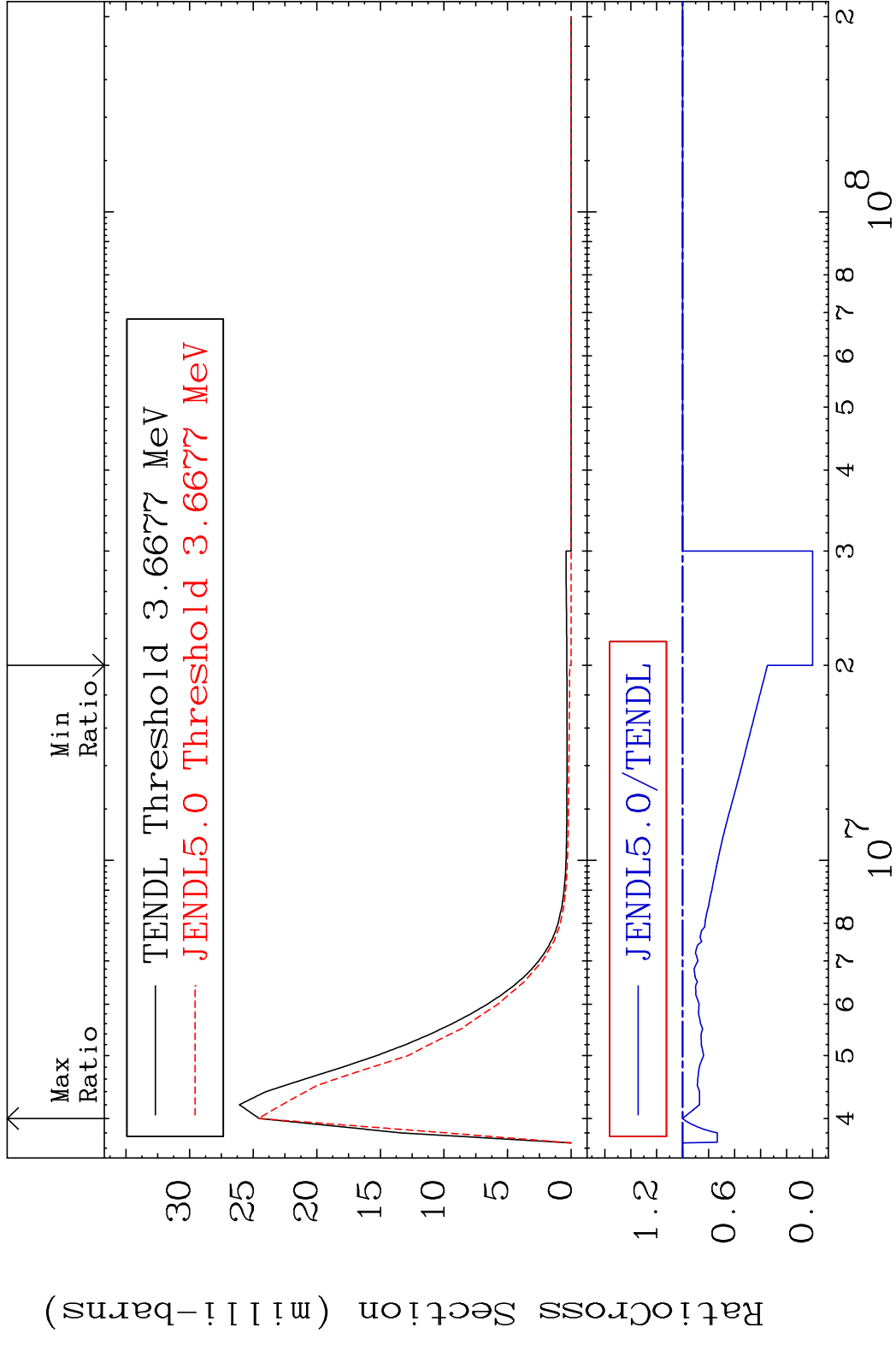
33 Incident Energy (eV) 38-Sr-90

MAT 3843 Dpa disappearance (mt102 -120) 38-Sr-90
 Cross Section -100.0 To 9999. %

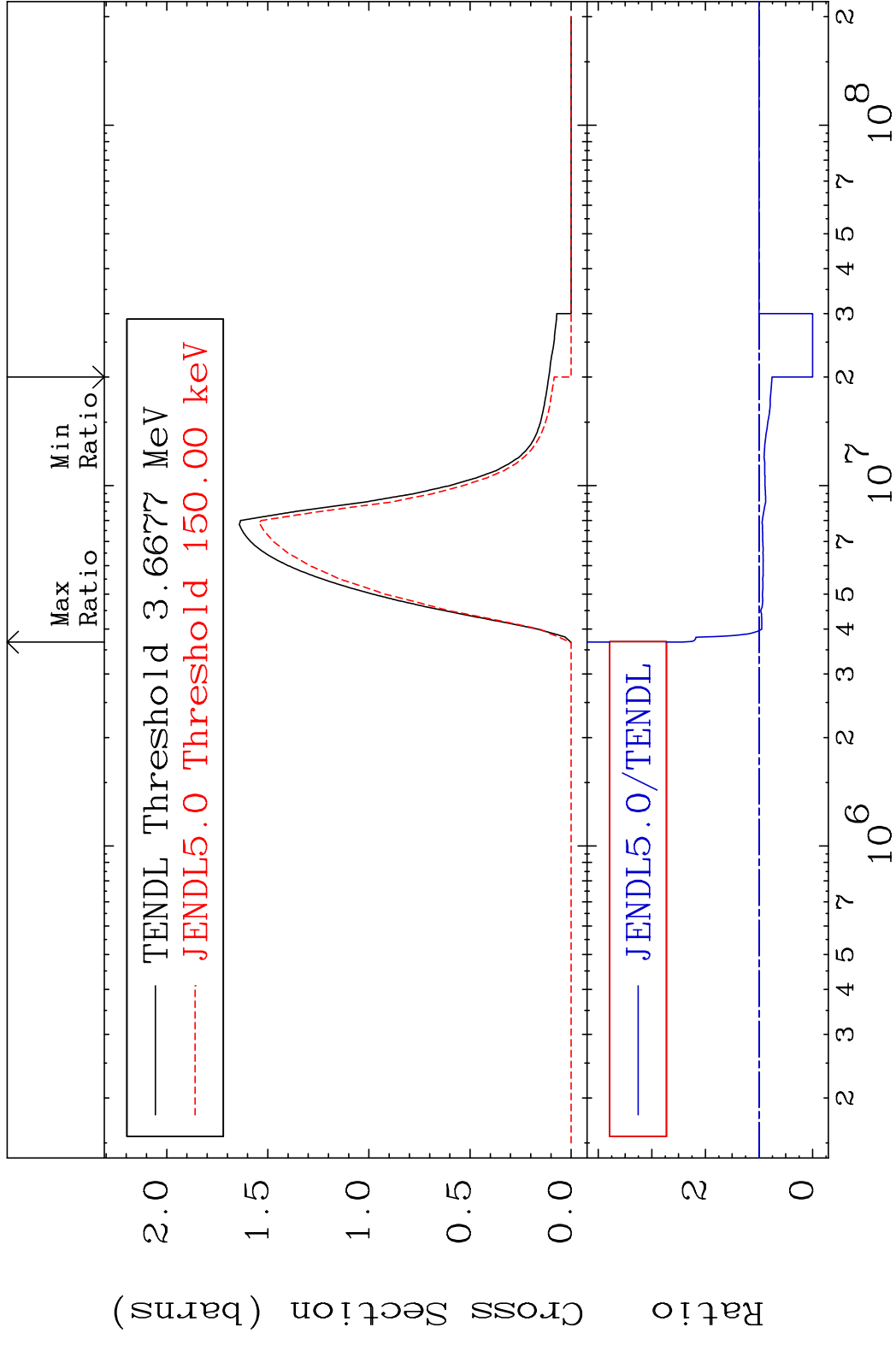


34 Incident Energy (eV) 38-Sr-90

MAT 3843 MT= 76 (n,n') Level 38-Sr-90
 Cross Section -100.0 To 0.269 %



MAT 3843 (n,n') Continuum 38-Sr-90
 Cross Section -100.0 To 143.0 %

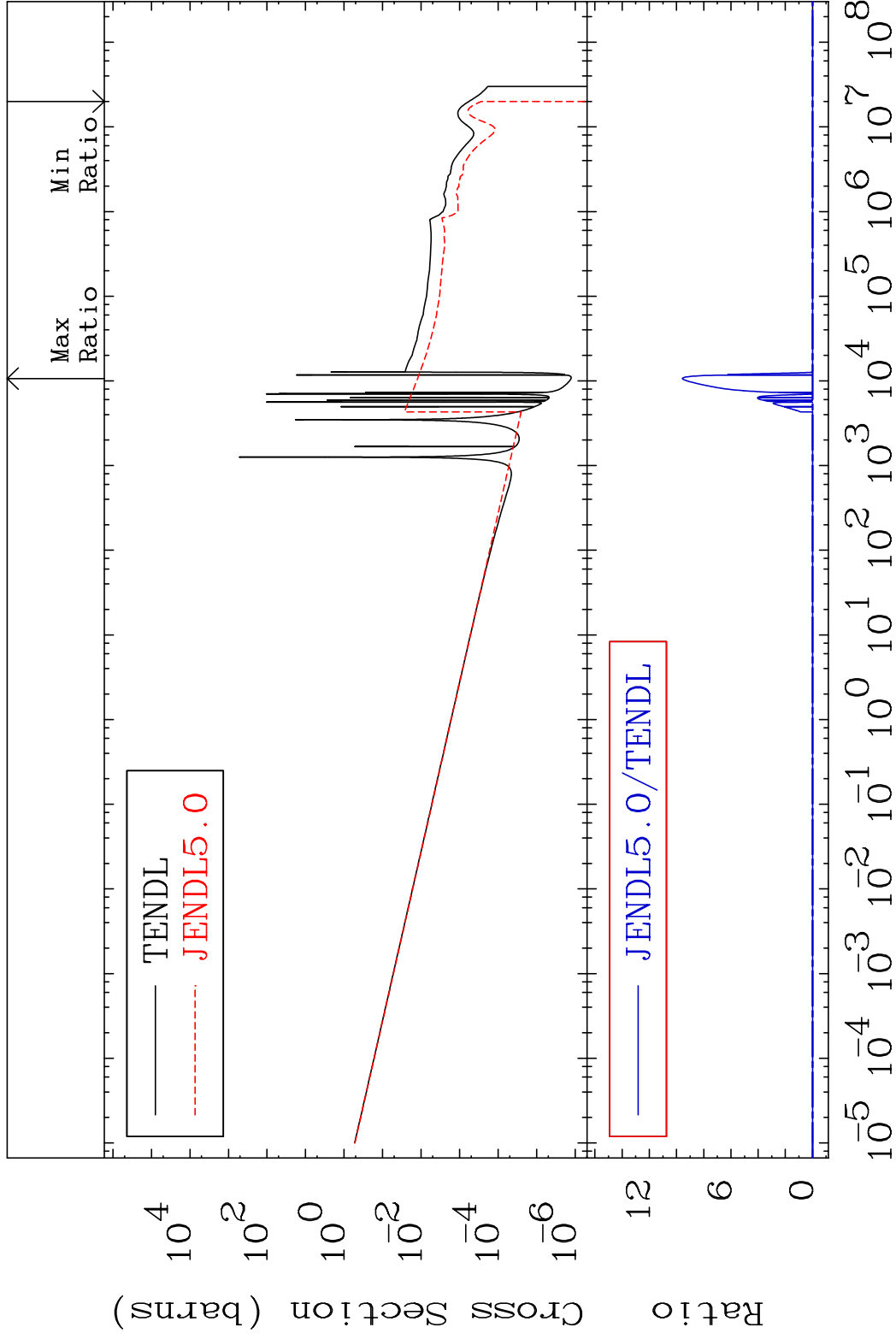


MAT 3843

(n, γ)

38-Sr-90

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

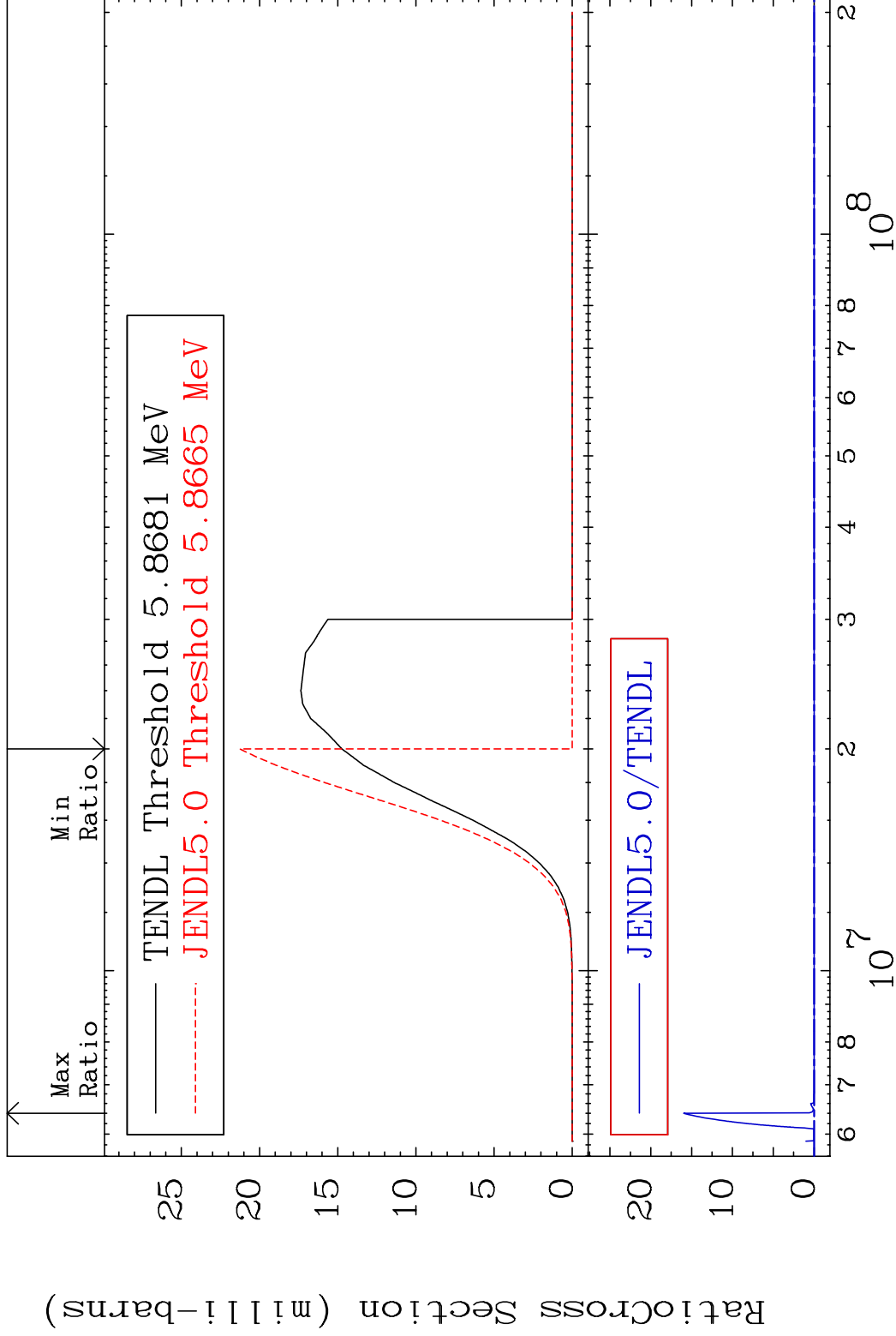
38-Sr-90

MAT 3843

(n, p)

38-Sr-90

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

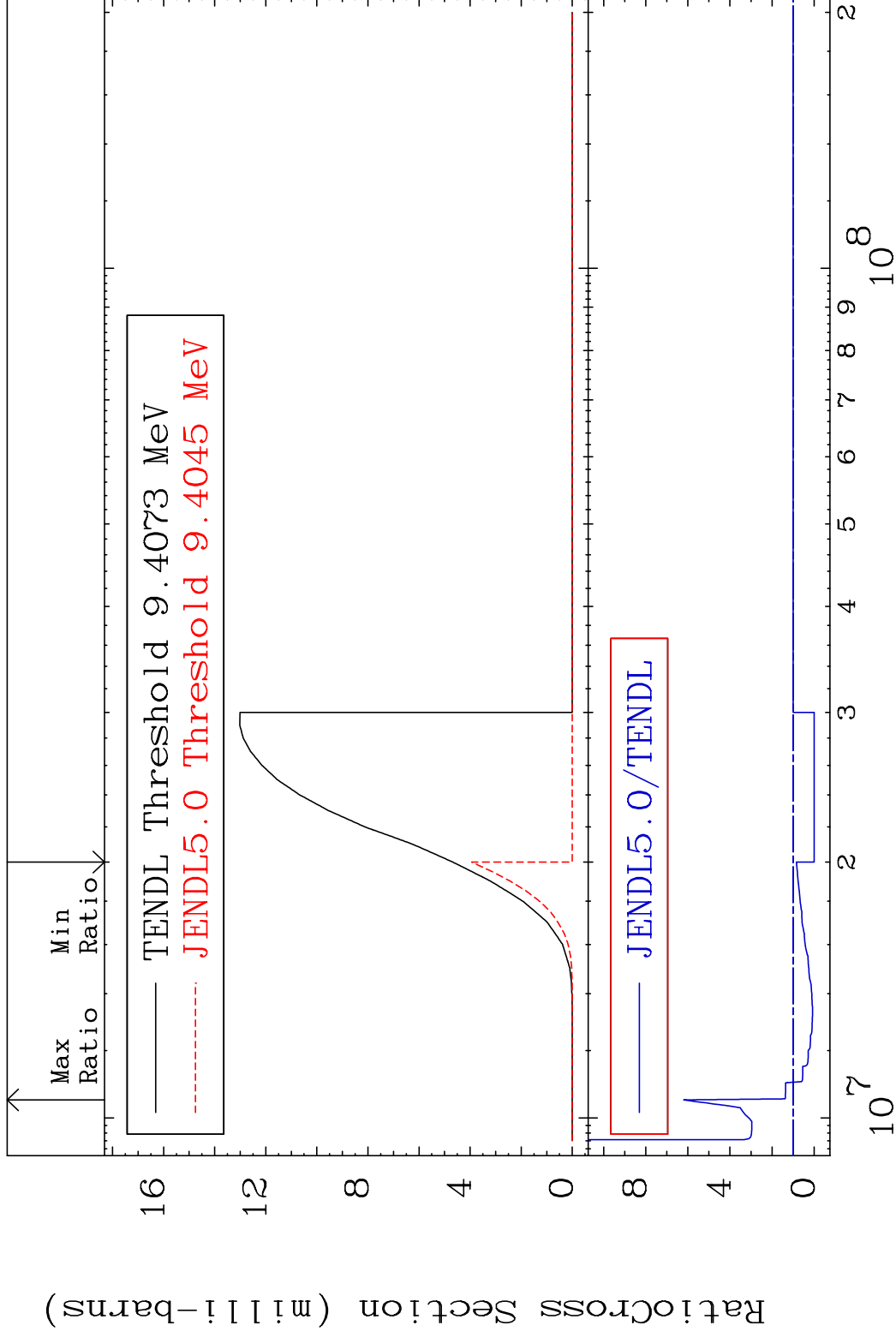
38-Sr-90

MAT 3843

(n,d)

38-Sr-90

Cross Section -100.0 To 520.0 %



39

Incident Energy (eV)

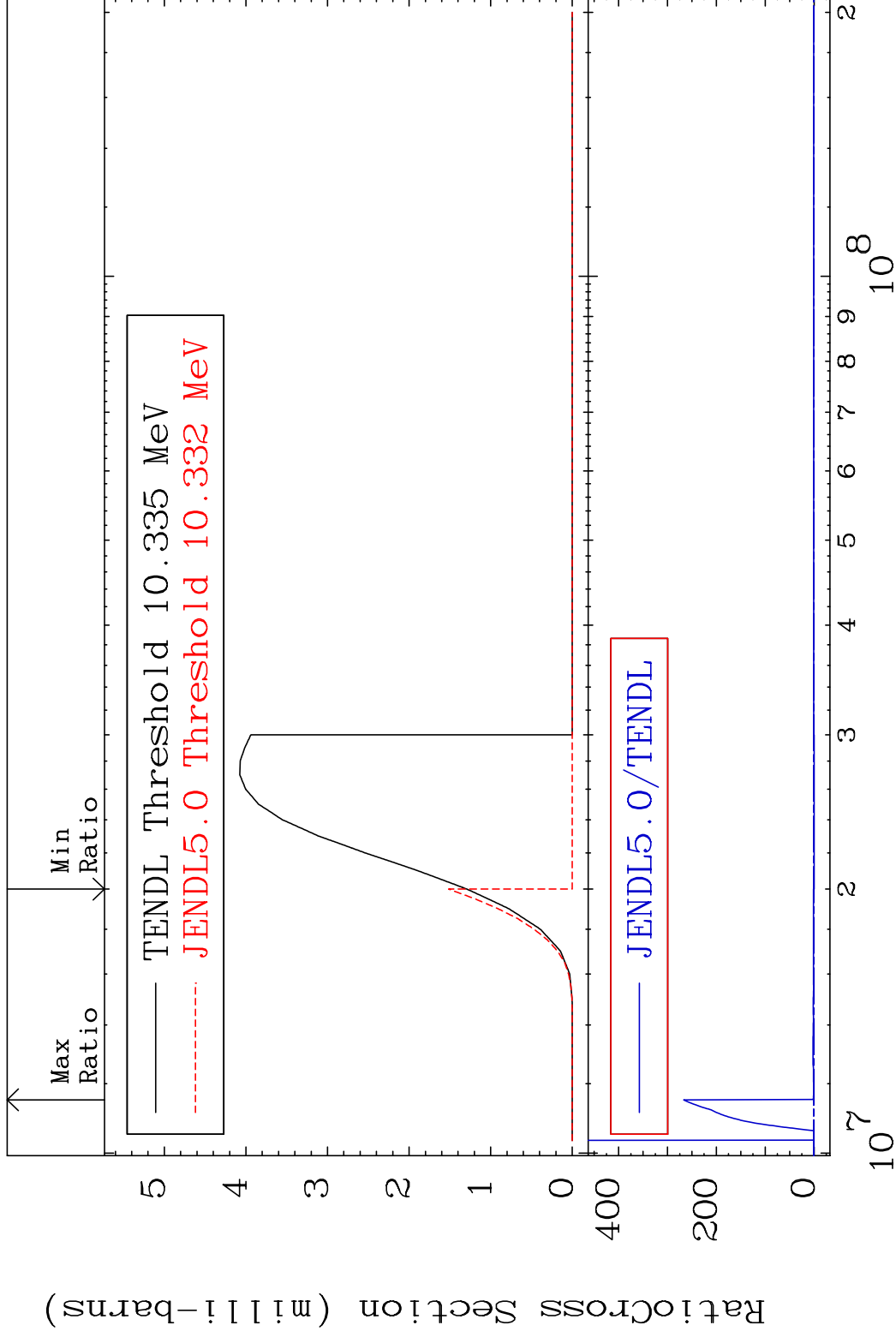
38-Sr-90

MAT 3843

(n, t)

38-Sr-90

Cross Section -100.0 To 9999. %

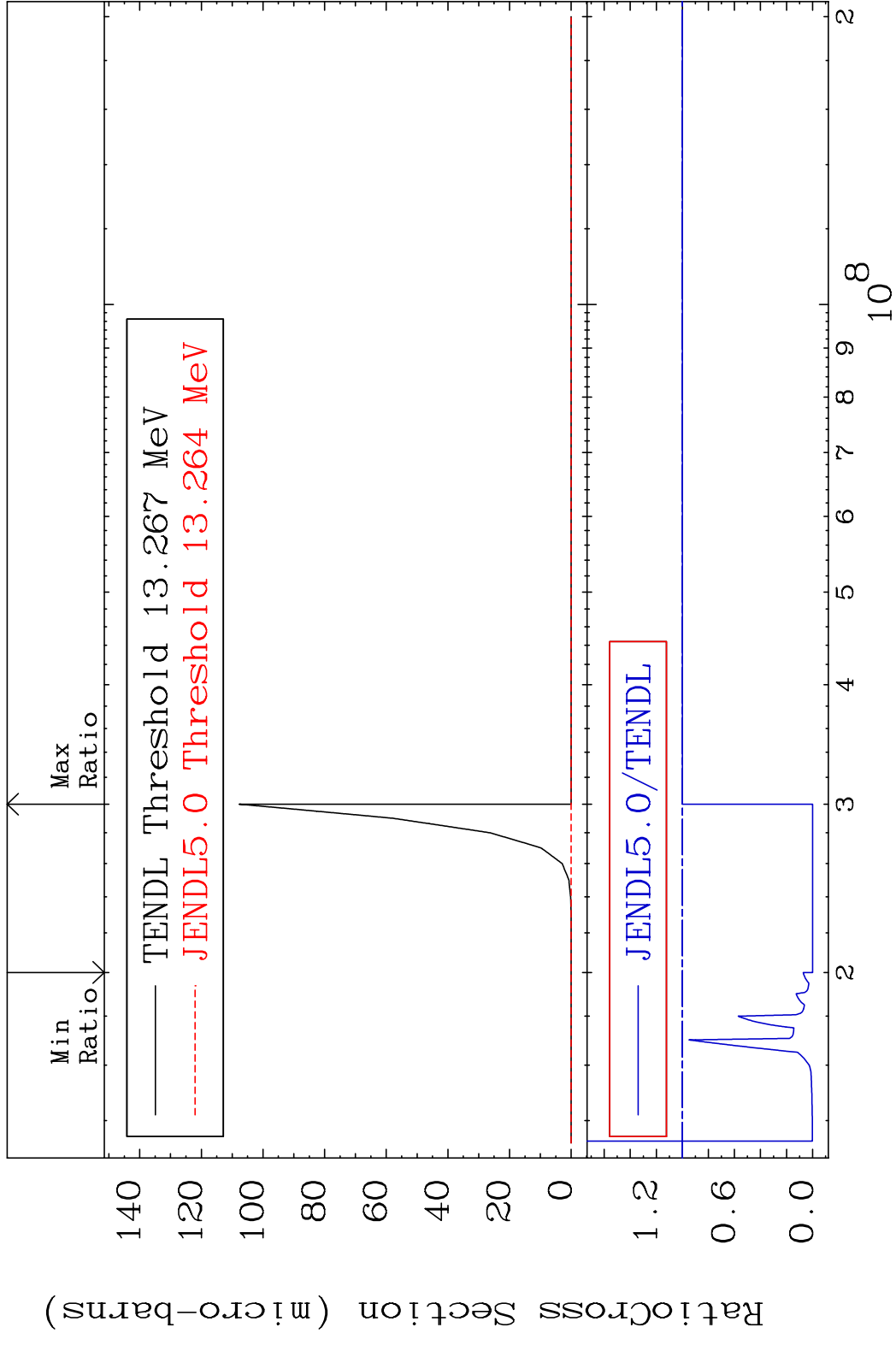


MAT 3843

(n, He-3)

38-Sr-90

Cross Section -100.0 To 0.000 %

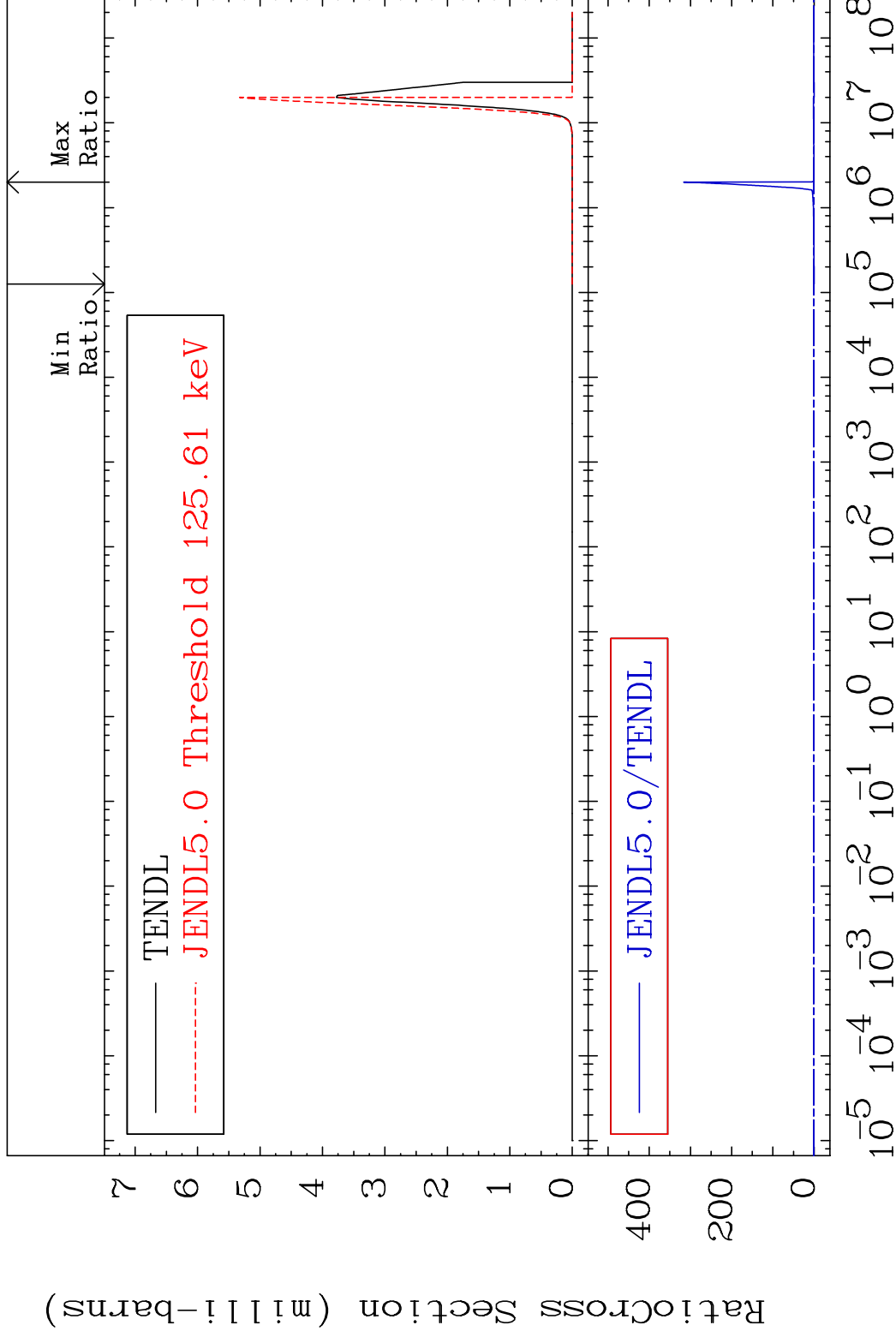


MAT 3843

(n, α)

38-Sr-90

Cross Section -100.0 To 9999. %



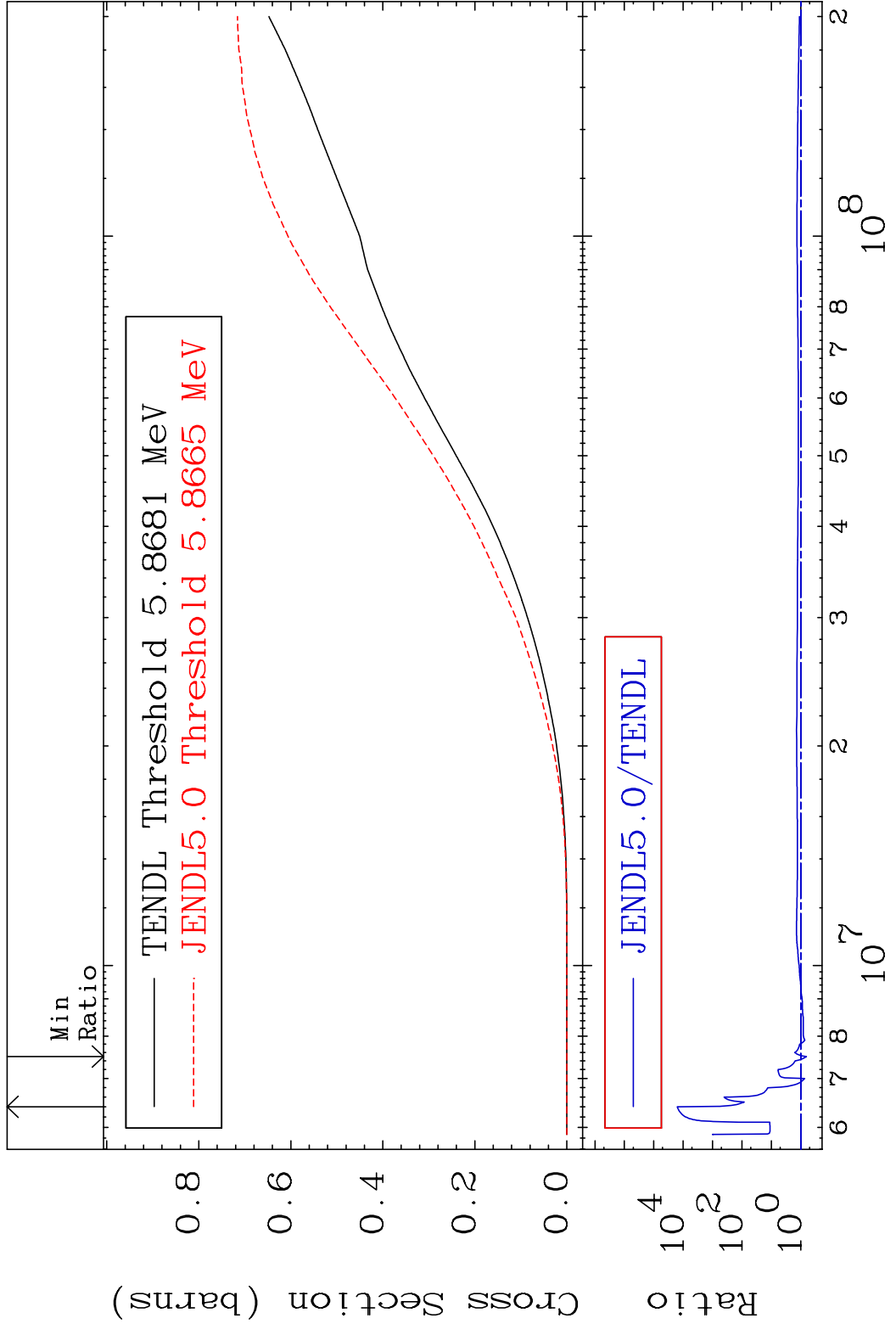
42

Incident Energy (eV)

38-Sr-90

MAT 3843

Hydrogen Production 38-Sr-90
Cross Section -35.71 To 9999. %



43

Incident Energy (eV)

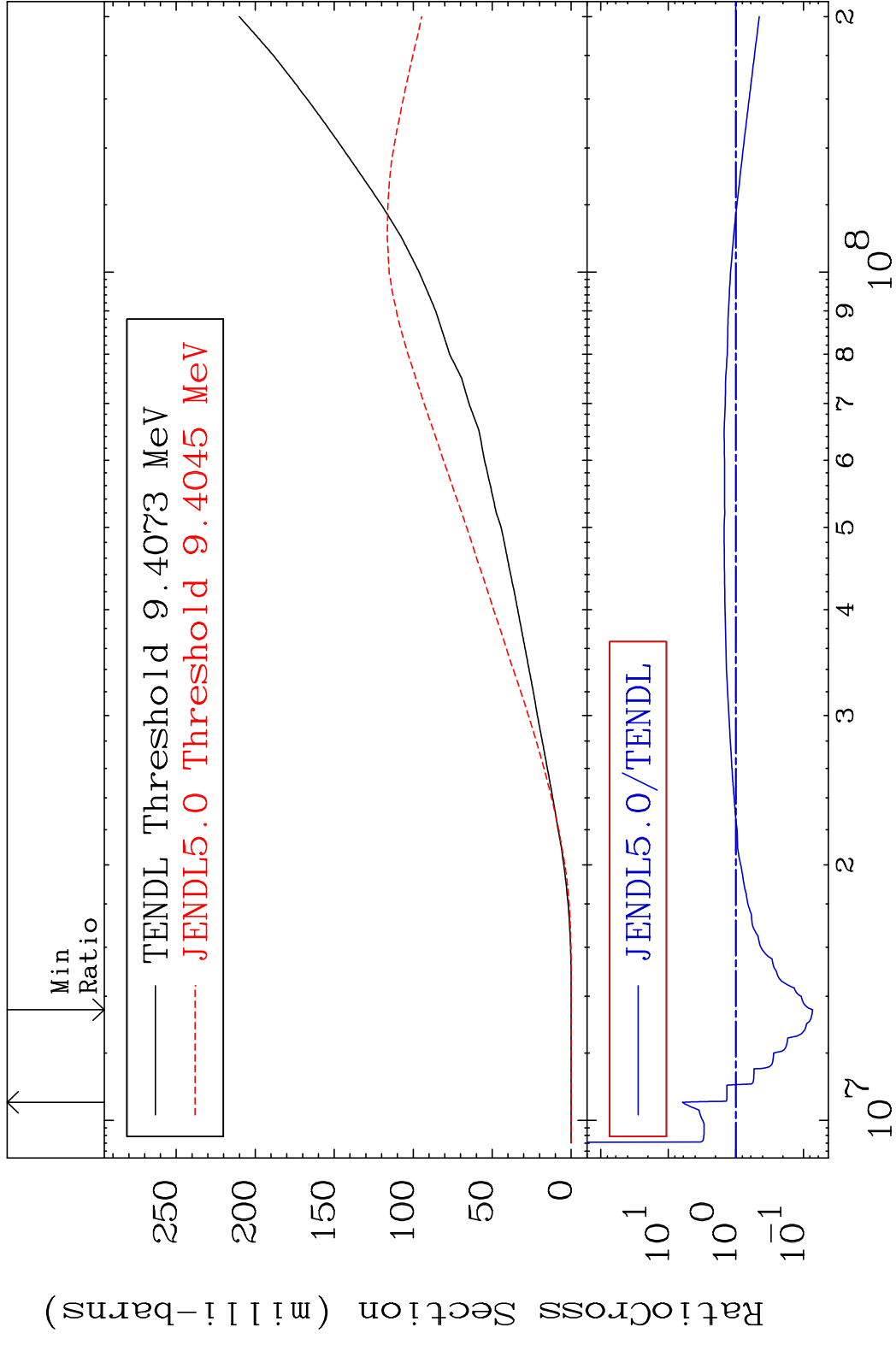
38-Sr-90

MAT 3843

Deuterium Production

38-Sr-90

Cross Section -92.68 To 520.0 %



44

Incident Energy (eV)

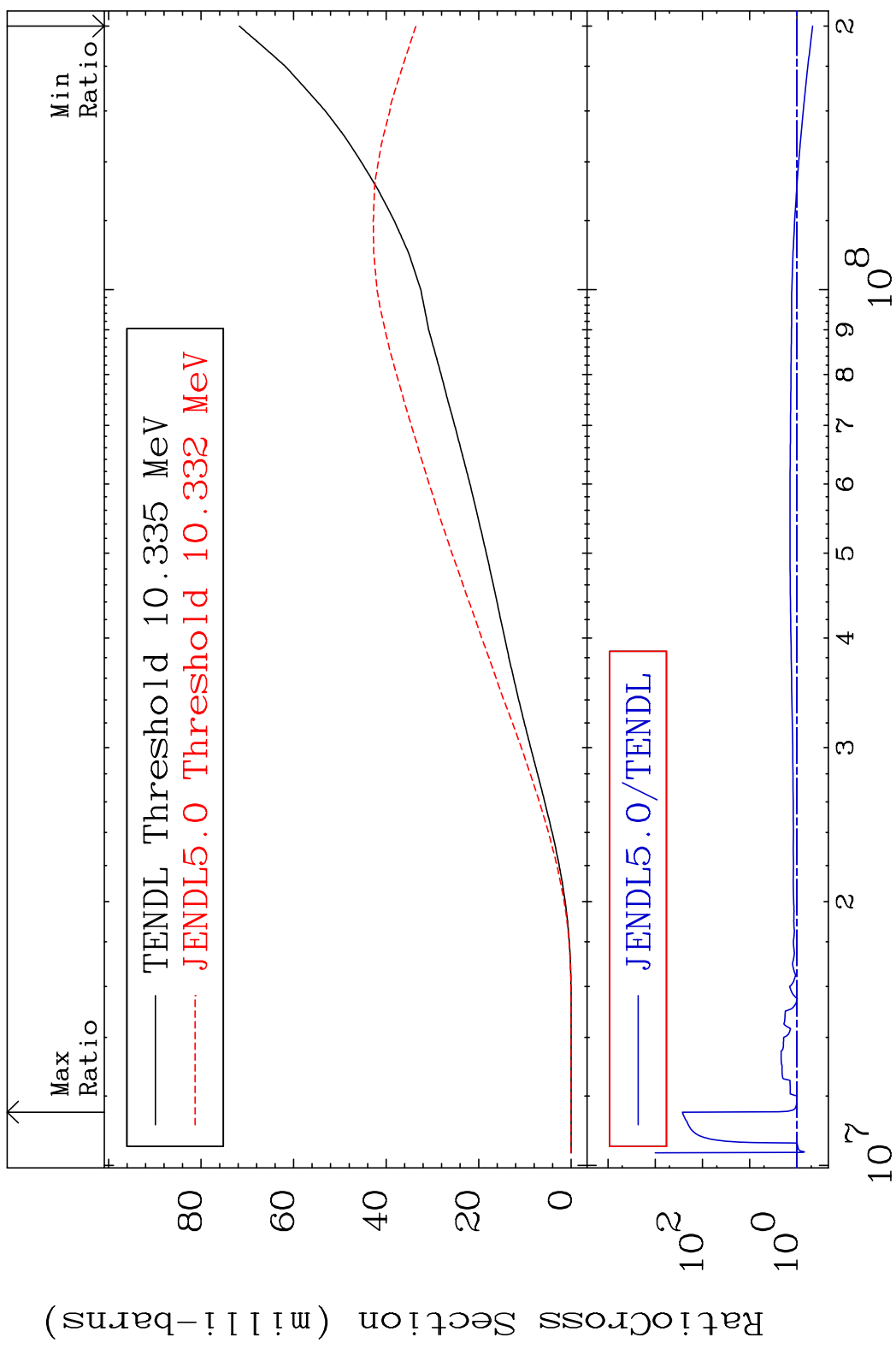
38-Sr-90

MAT 3843

Tritium Production

38-Sr-90

Cross Section -53.20 To 9999. %



45

Incident Energy (eV)

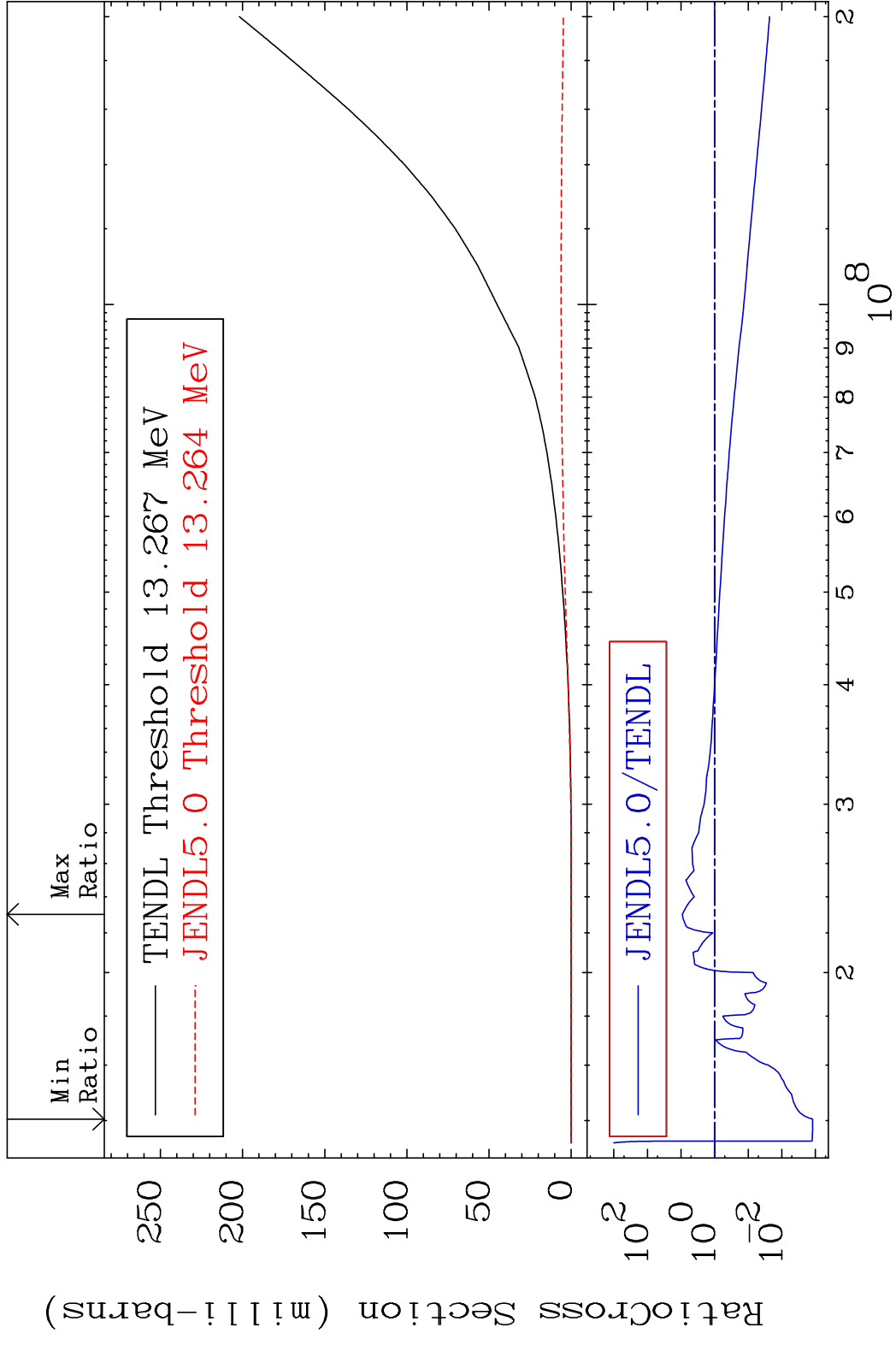
38-Sr-90

MAT 3843

He-3 Production

38-Sr-90

Cross Section -99.88 To 814.0 %

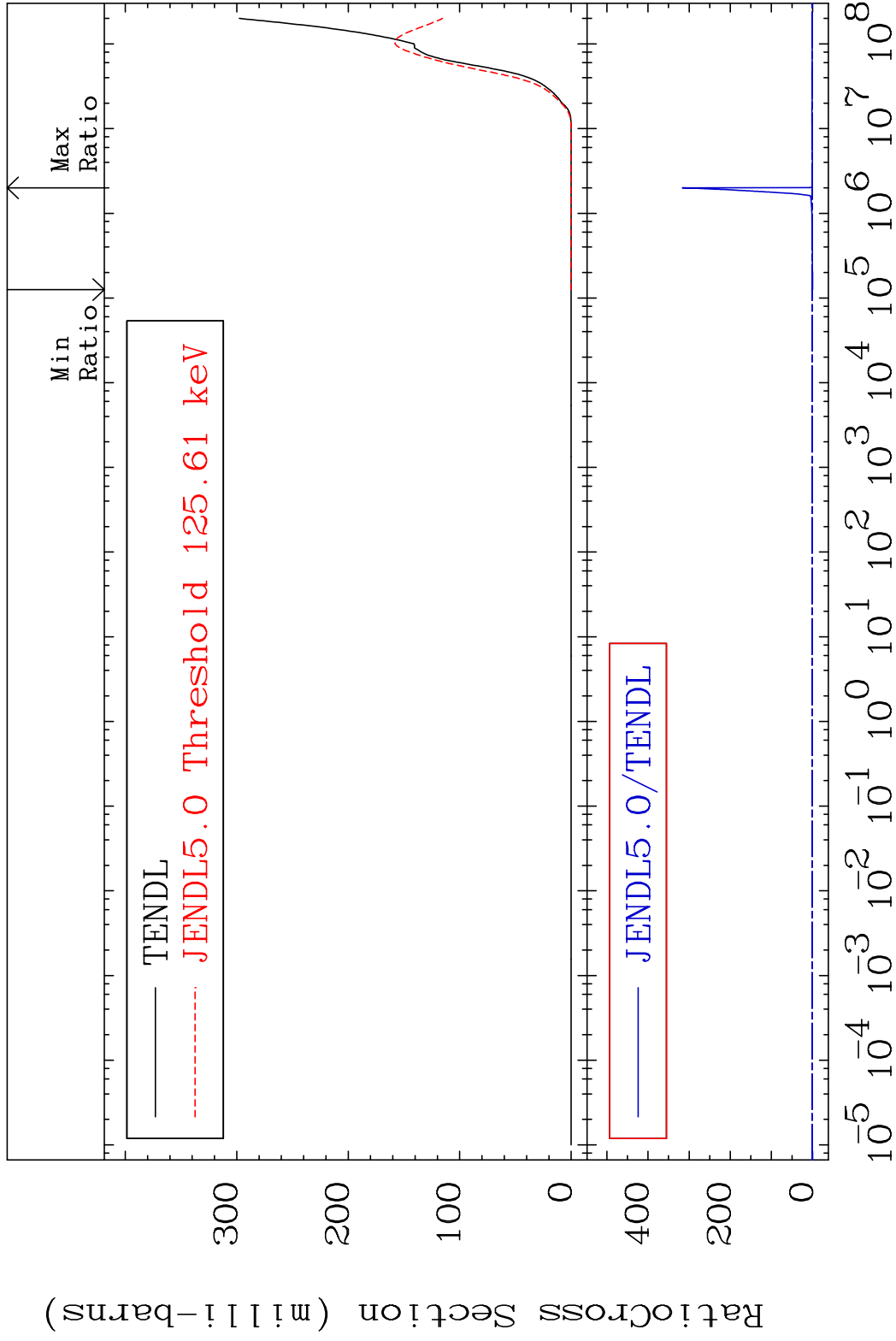


MAT 3843

He-4 Production

38-Sr-90

Cross Section -100.0 To 9999. %

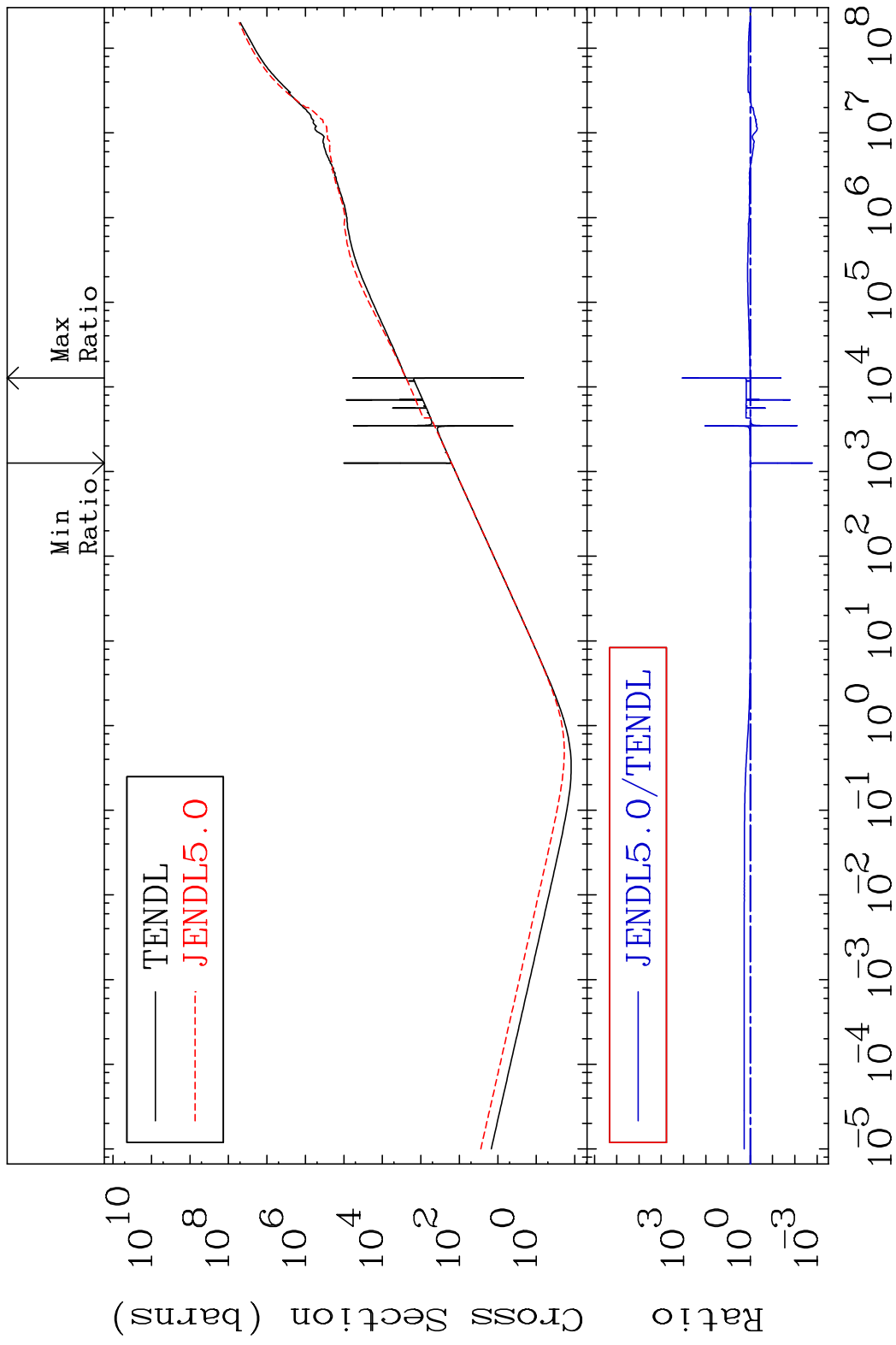


47

Incident Energy (eV)

38-Sr-90

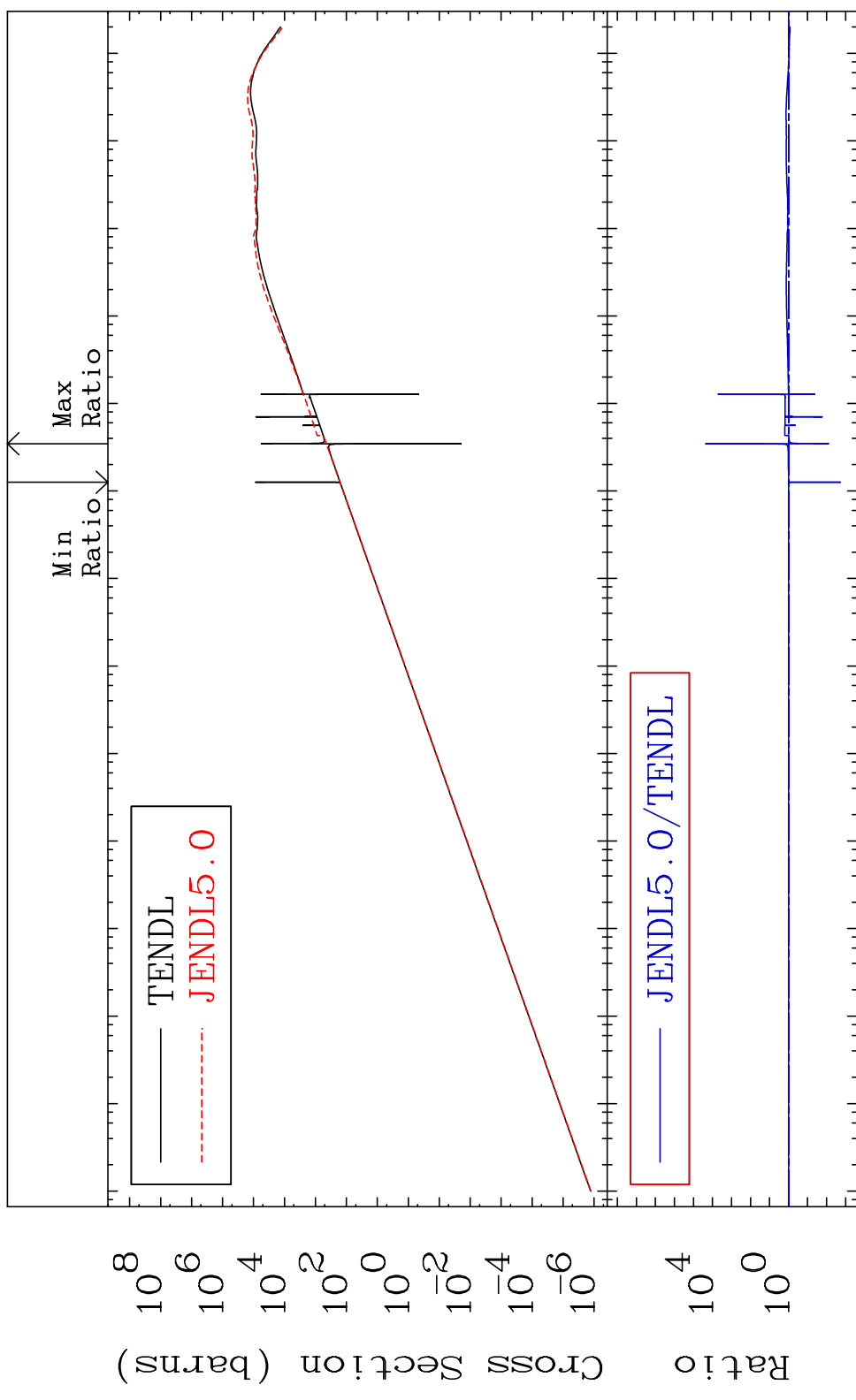
MAT 3843 Kerma total (eV-barns) 38-Sr-90
 Cross Section -99.84 To 9999. %



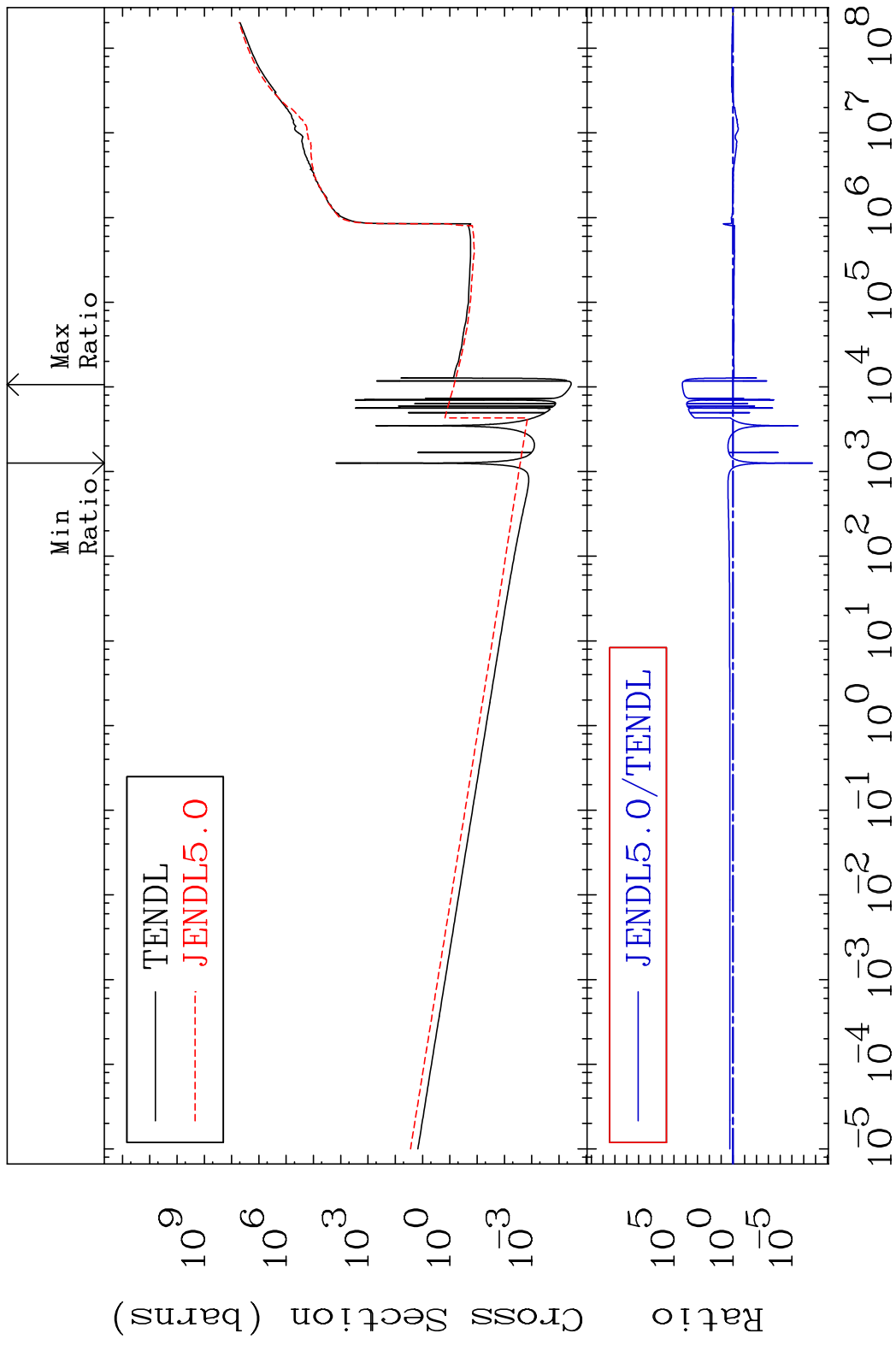
48 Incident Energy (eV) 38-Sr-90

MAT 3843

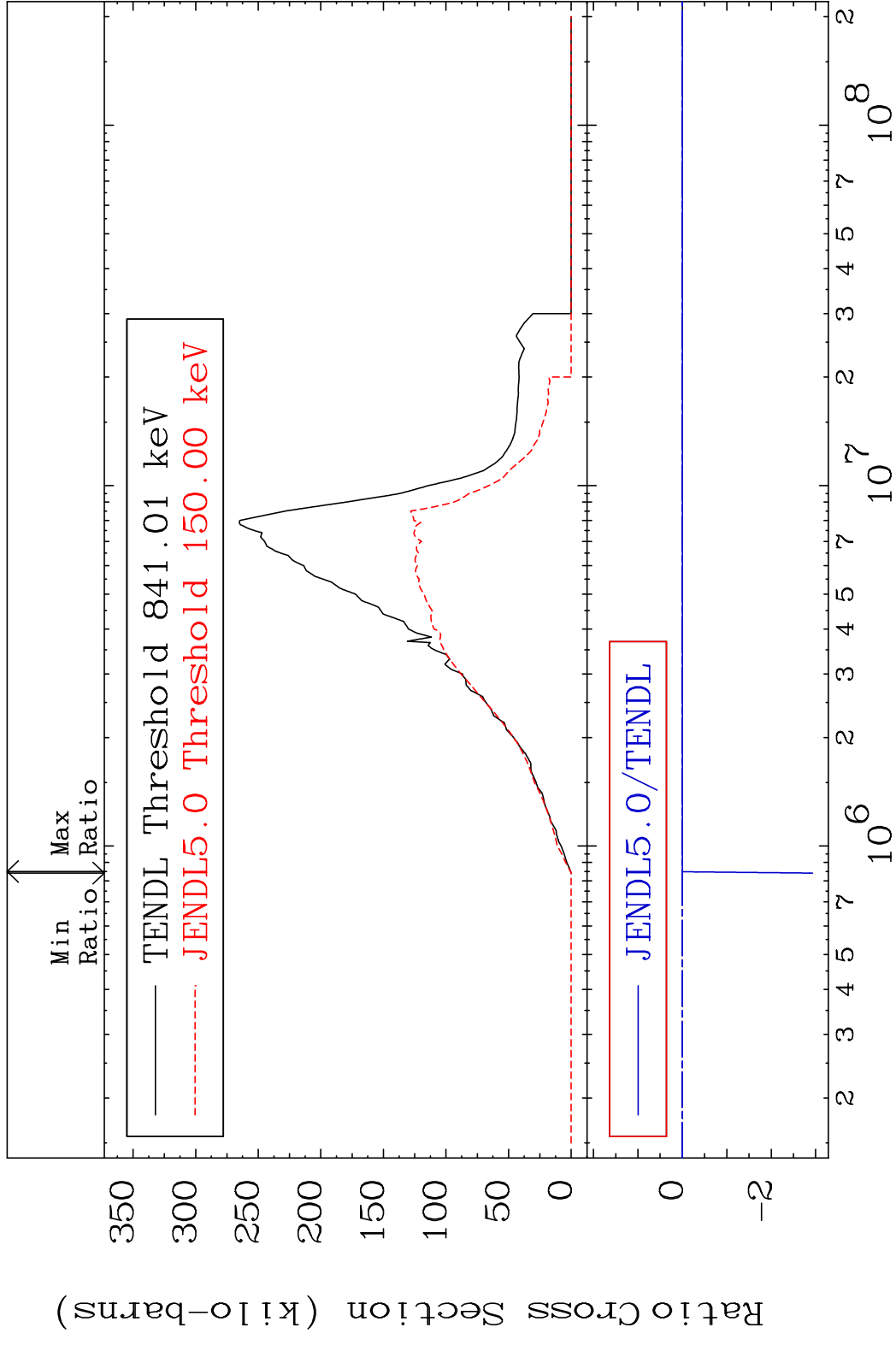
Kerma elastic Cross Section -99.81 To 9999. %
38-Sr-90



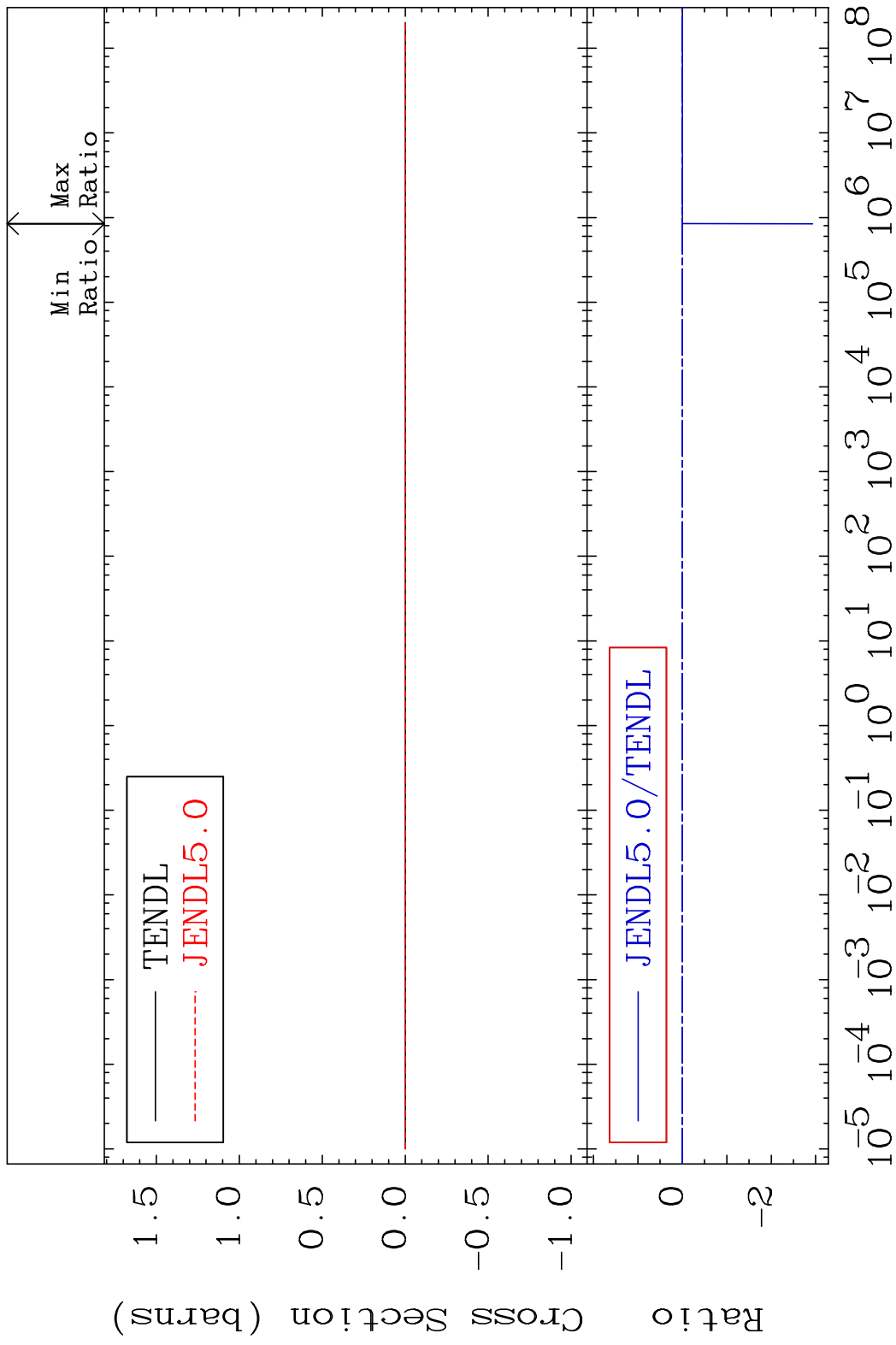
MAT 3843 Kerma non-elastic (all but mt2) 38-Sr-90
 Cross Section -100.0 To 9999. %



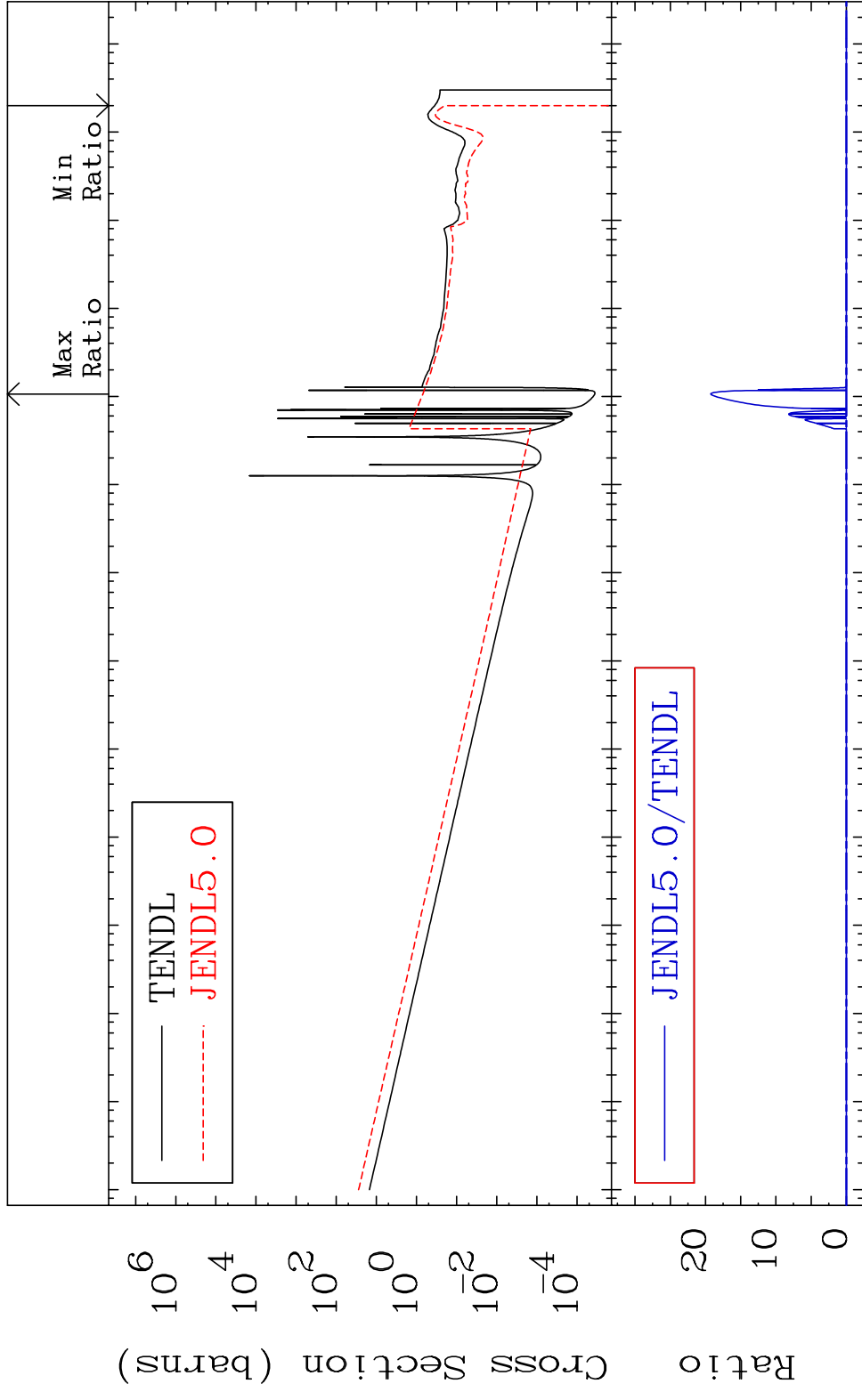
MAT 3843 Kerma inelastic (mt51-91) 38-Sr-90
 Cross Section -9999. To 53.68 %



MAT 3843 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-90
 Cross Section -9999. To 53.68 %

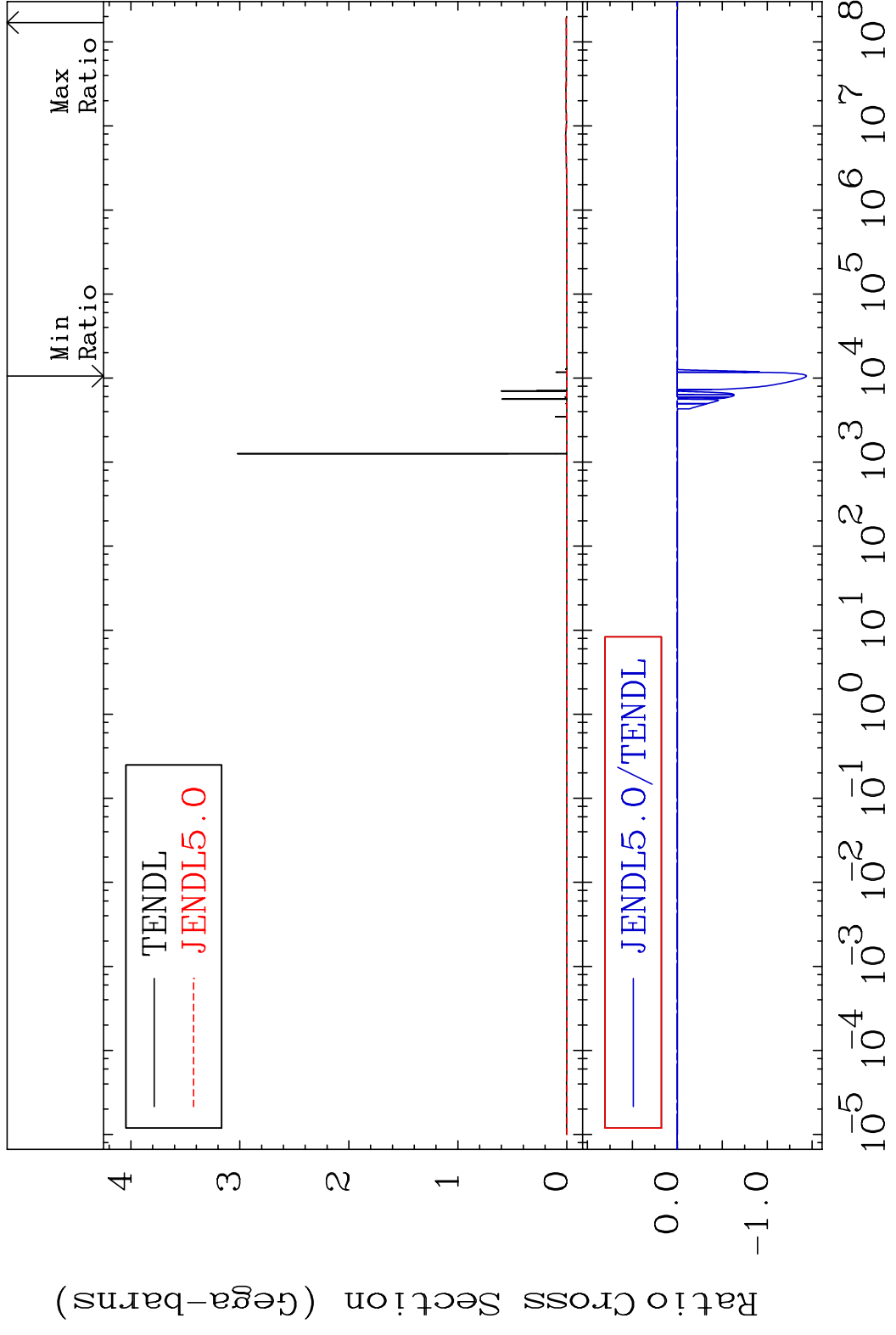


MAT 3843 Kerma capture (mt102) 38-Sr-90
 Cross Section -100.0 To 9999. %

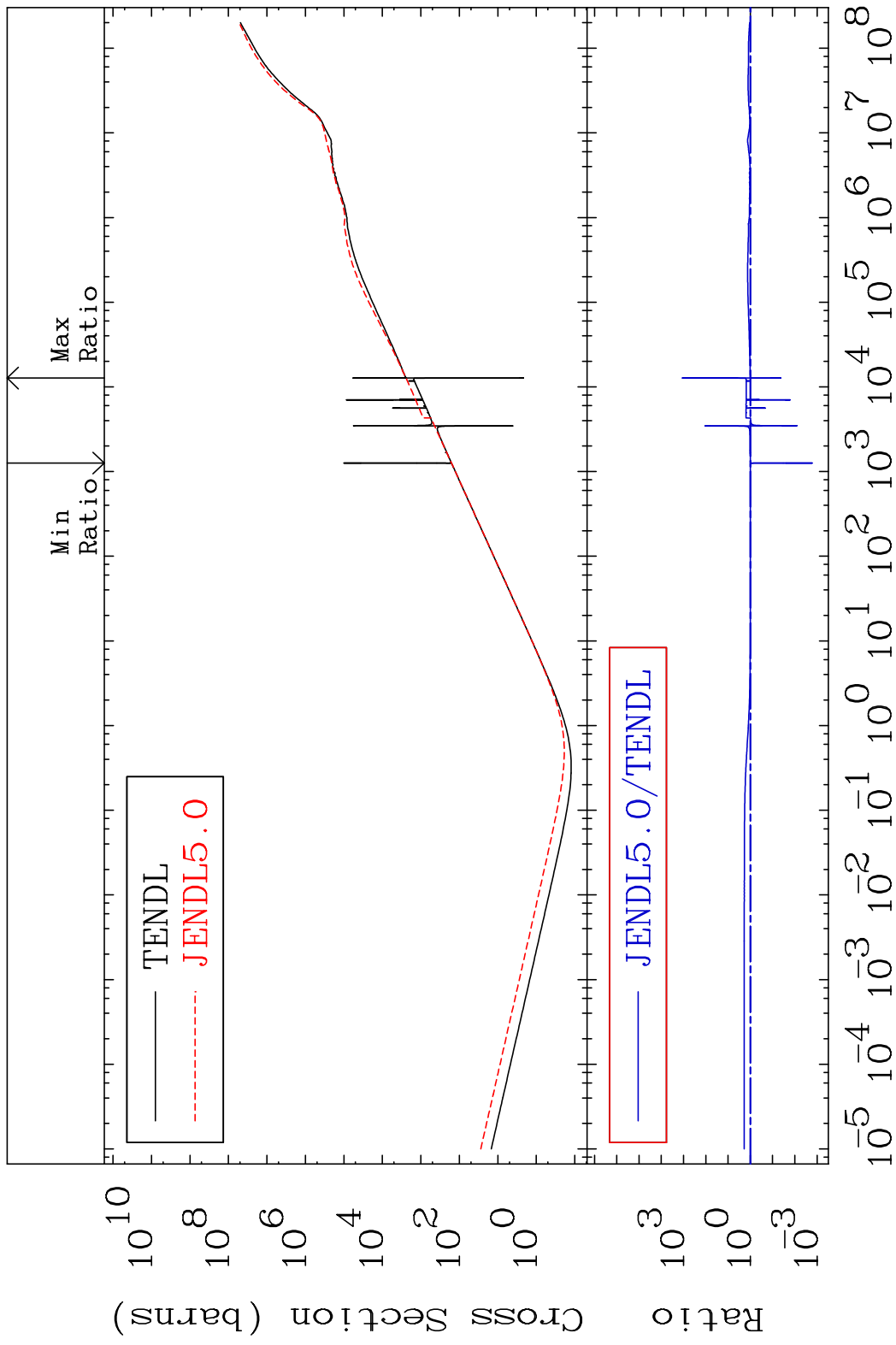


53 Incident Energy (eV) 38-Sr-90

MAT 3843 Total photon (eV-barns) 38-Sr-90
 Cross Section -9999. To 67.23 %



MAT 3843 Total kinematic kerma (high limit) 38-Sr-90
 Cross Section -99.84 To 9999. %

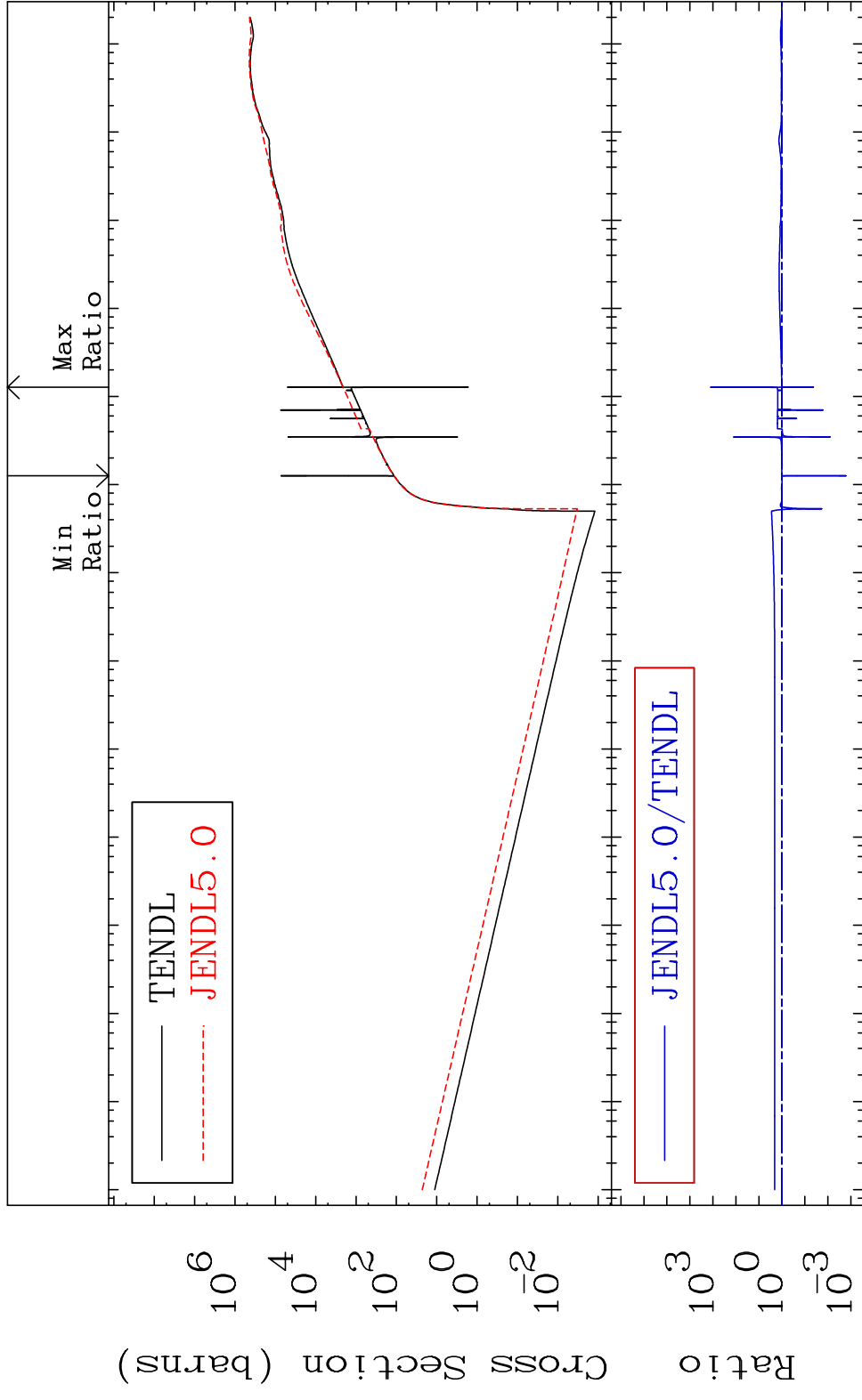


MAT 3843

Dpa total (eV-barns)

38-Sr-90

Cross Section -99.84 To 9999. %

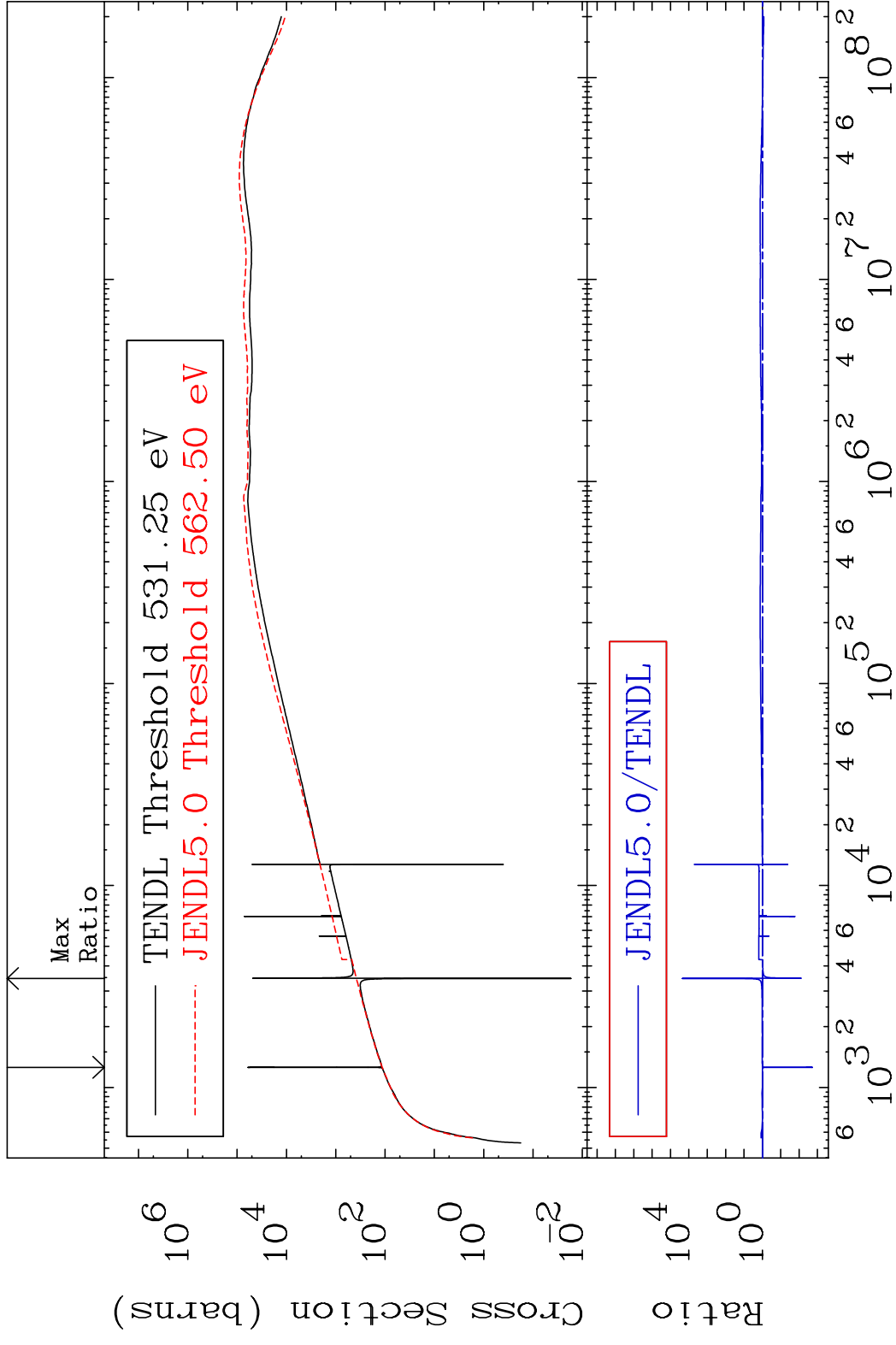


MAT 3843

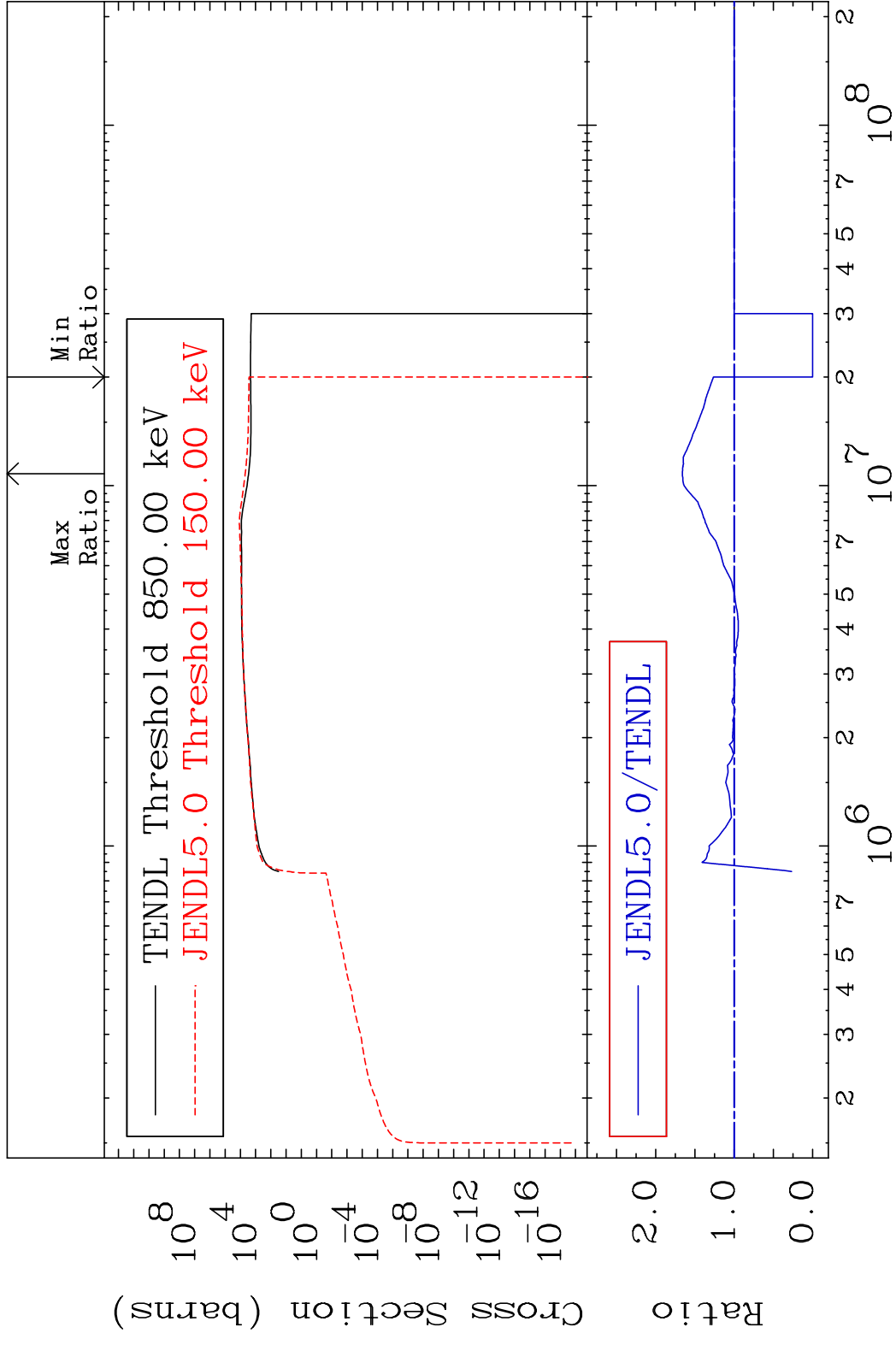
Dpa elastic (mt2)

38-Sr-90

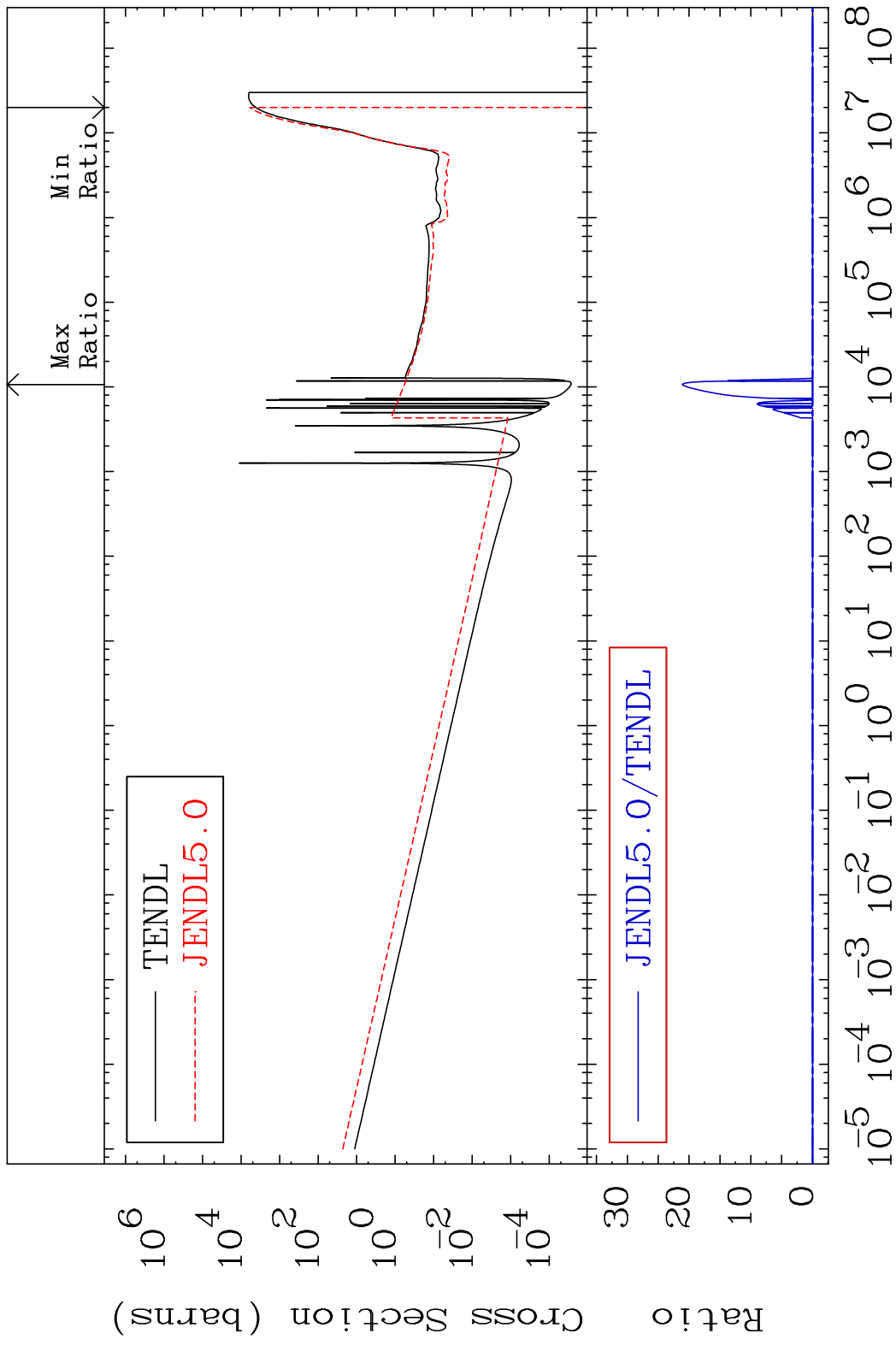
Cross Section -99.81 To 9999. %



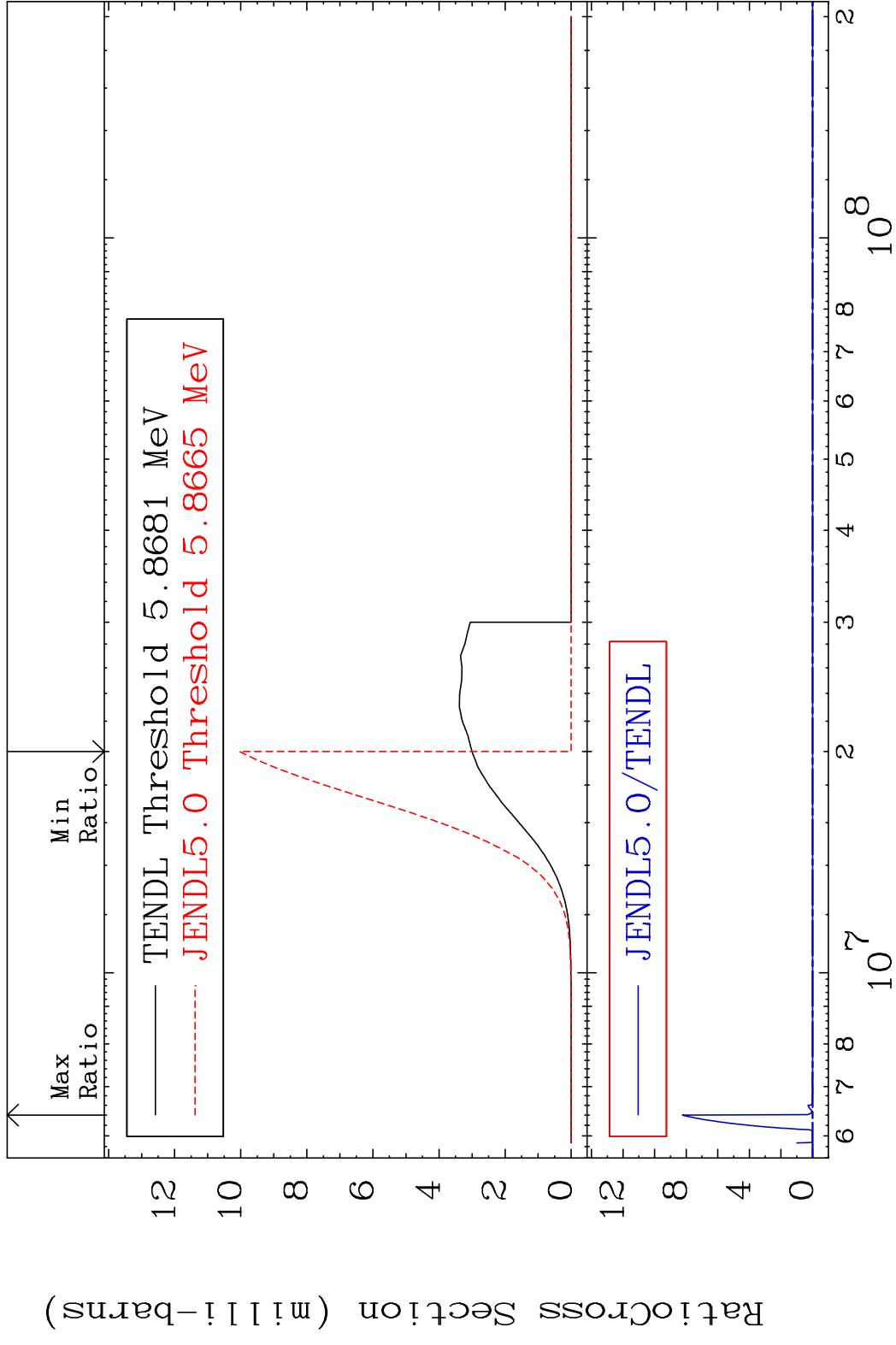
MAT 3843 Dpa inelastic (mt51-91) 38-Sr-90
 Cross Section -100.0 To 65.96 %



MAT 3843 Dpa disappearance (mt102 -120) 38-Sr-90
 Cross Section -100.0 To 9999. %

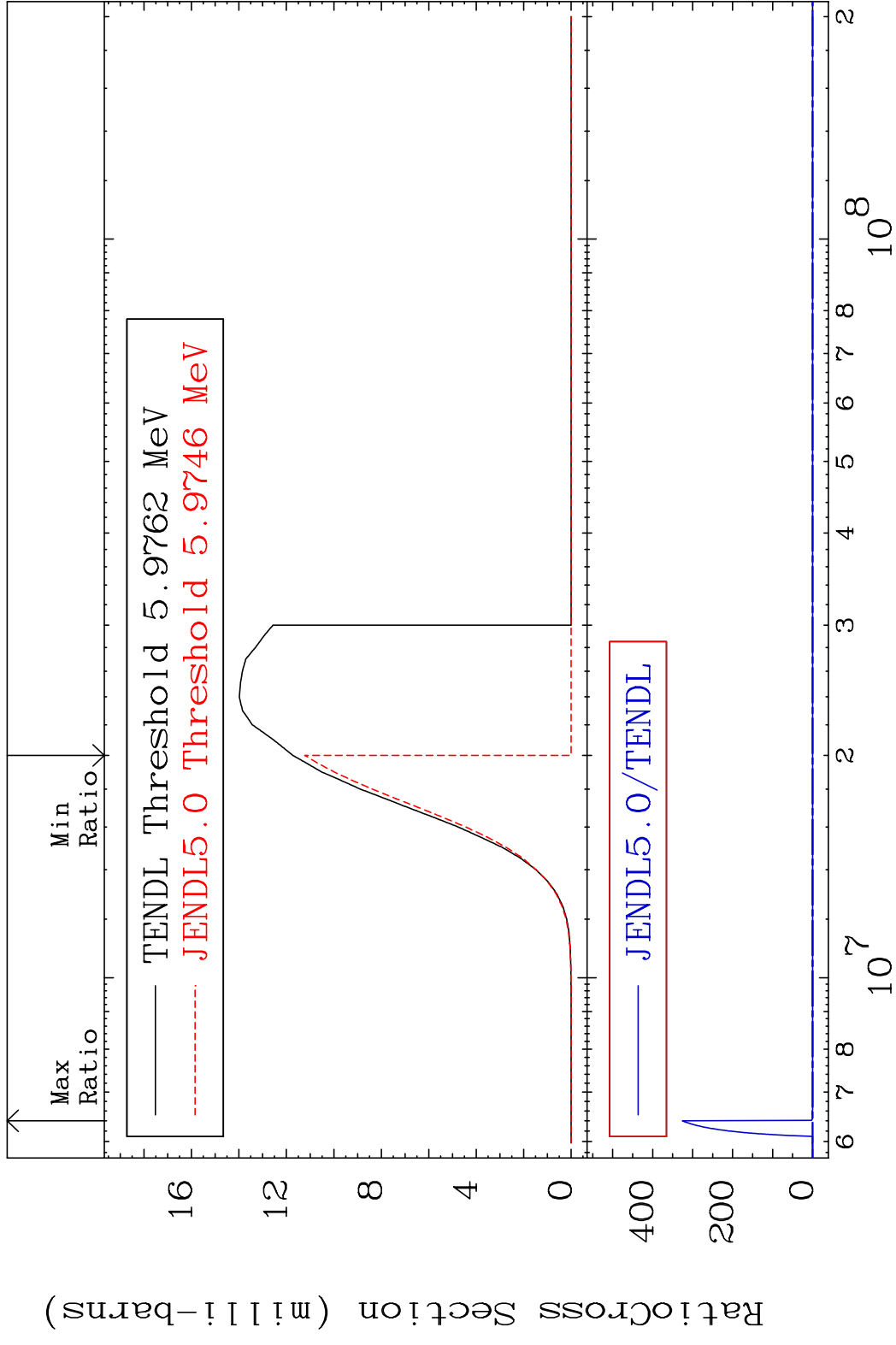


MAT 3843 (n, p):37-Rb-90g 38-Sr-90
 Radionuclide Production Cross Section Ratio



60 Incident Energy (eV) 38-Sr-90

MAT 3843 (n,p):37-Rb-90m1 38-Sr-90
 Radionuclide Production Cross Section Ratio

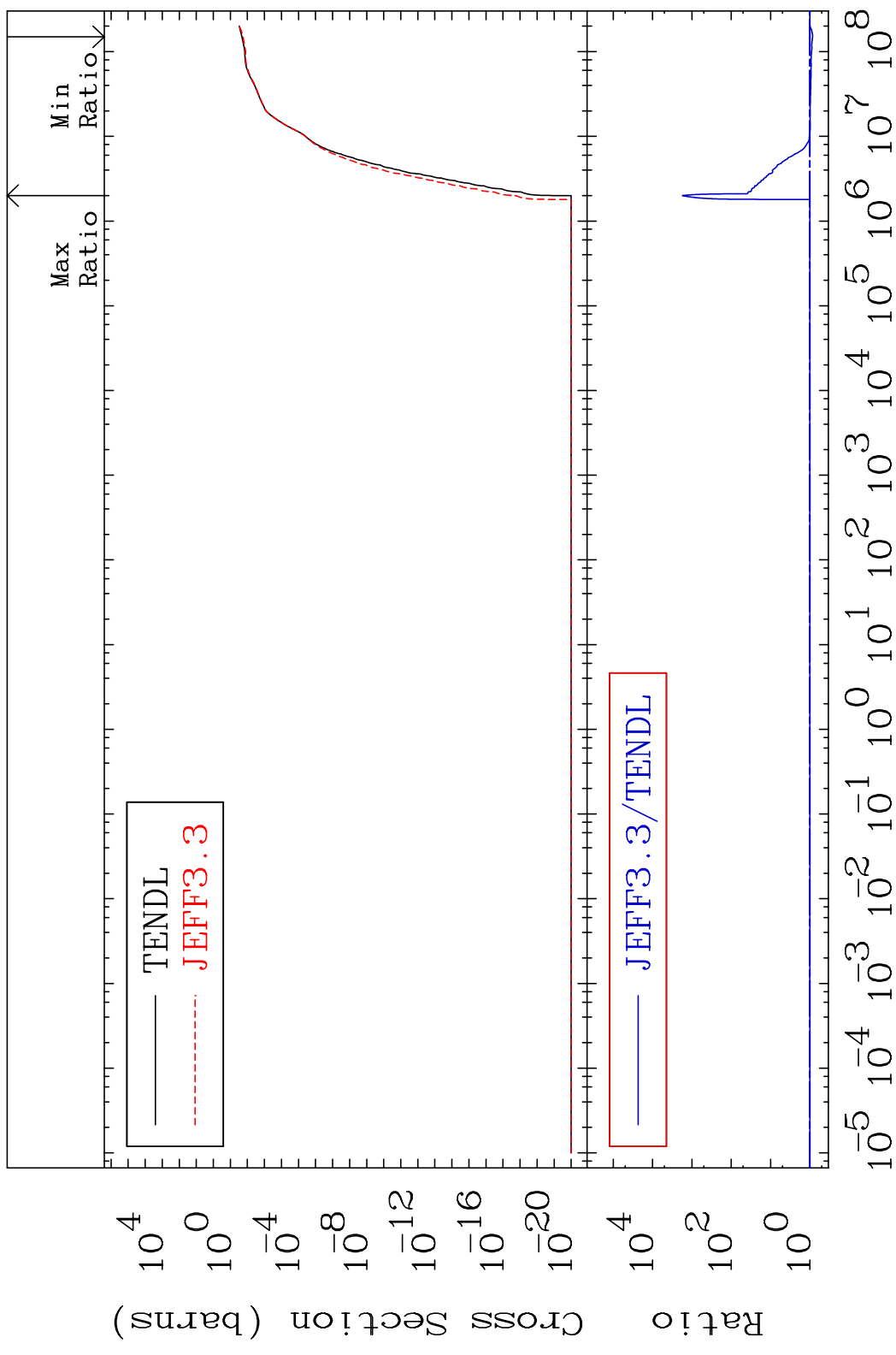


MAT 3843

He-4 Production

38-Sr-90

Cross Section -14.44 To 9999. %

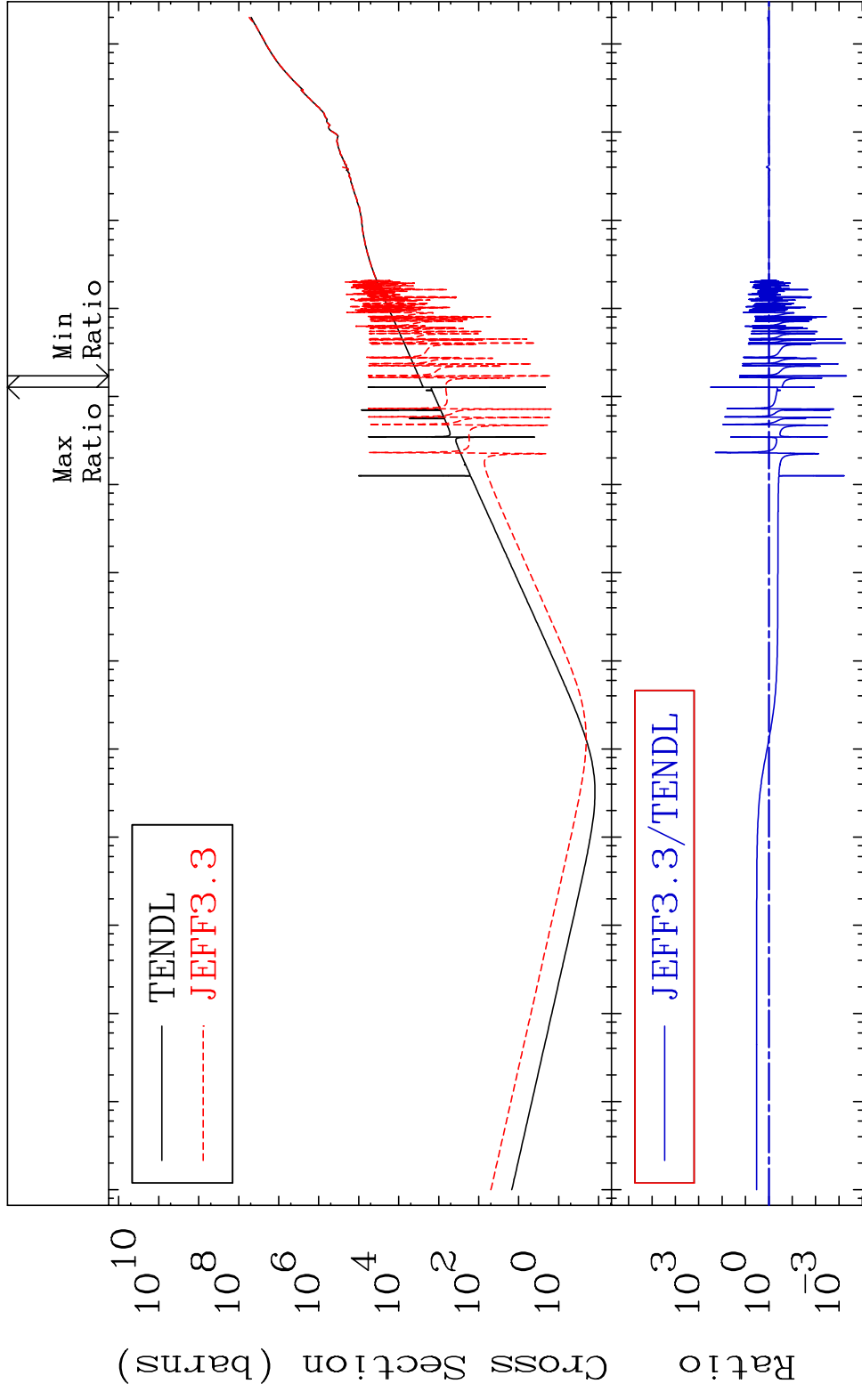


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Incident Energy (eV)

38-Sr-90

MAT 3843 Kerma total (eV-barns) 38-Sr-90
 Cross Section -99.95 To 9999. %

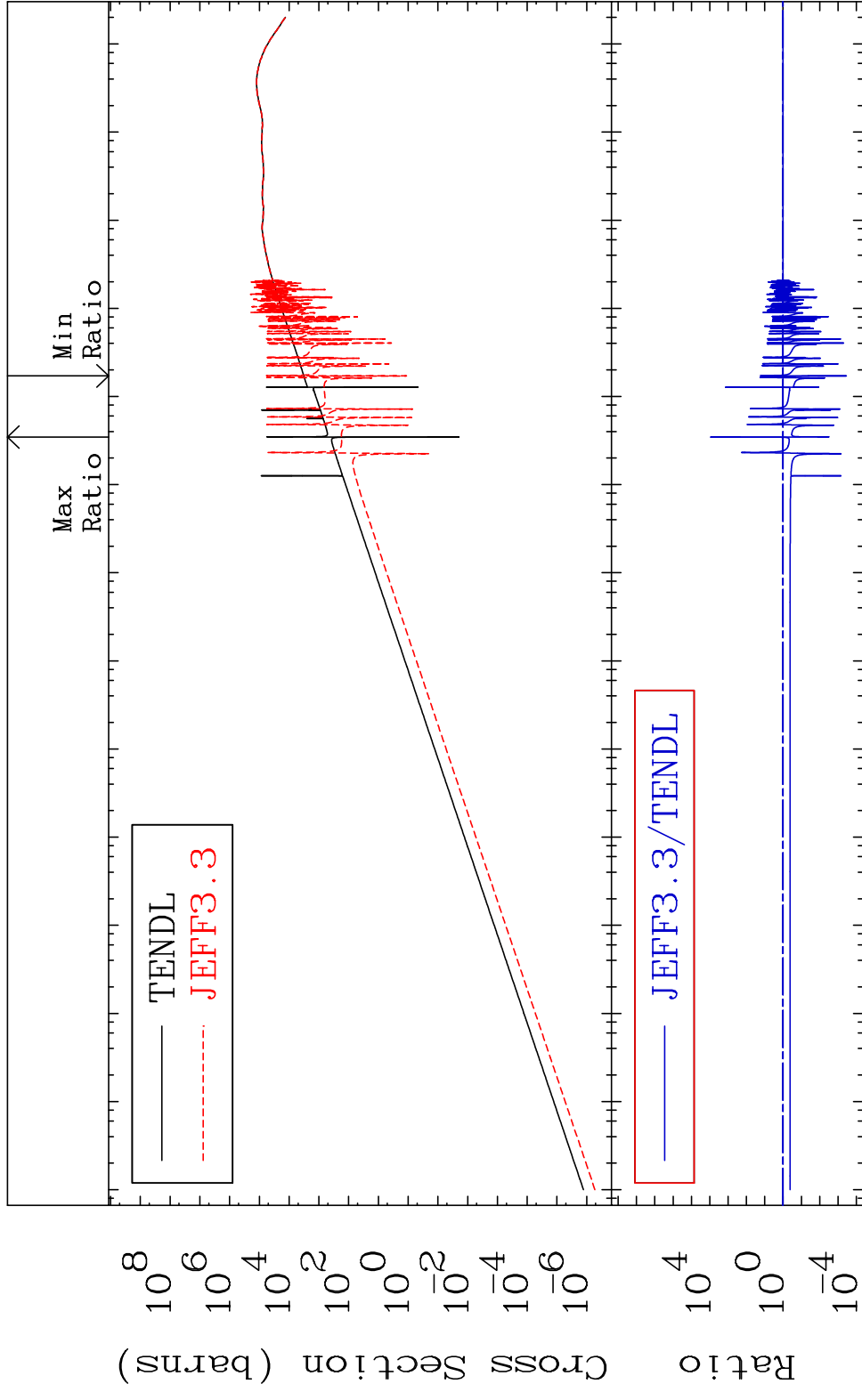


Ratio
 10^3
 10^0
 10^{-3}

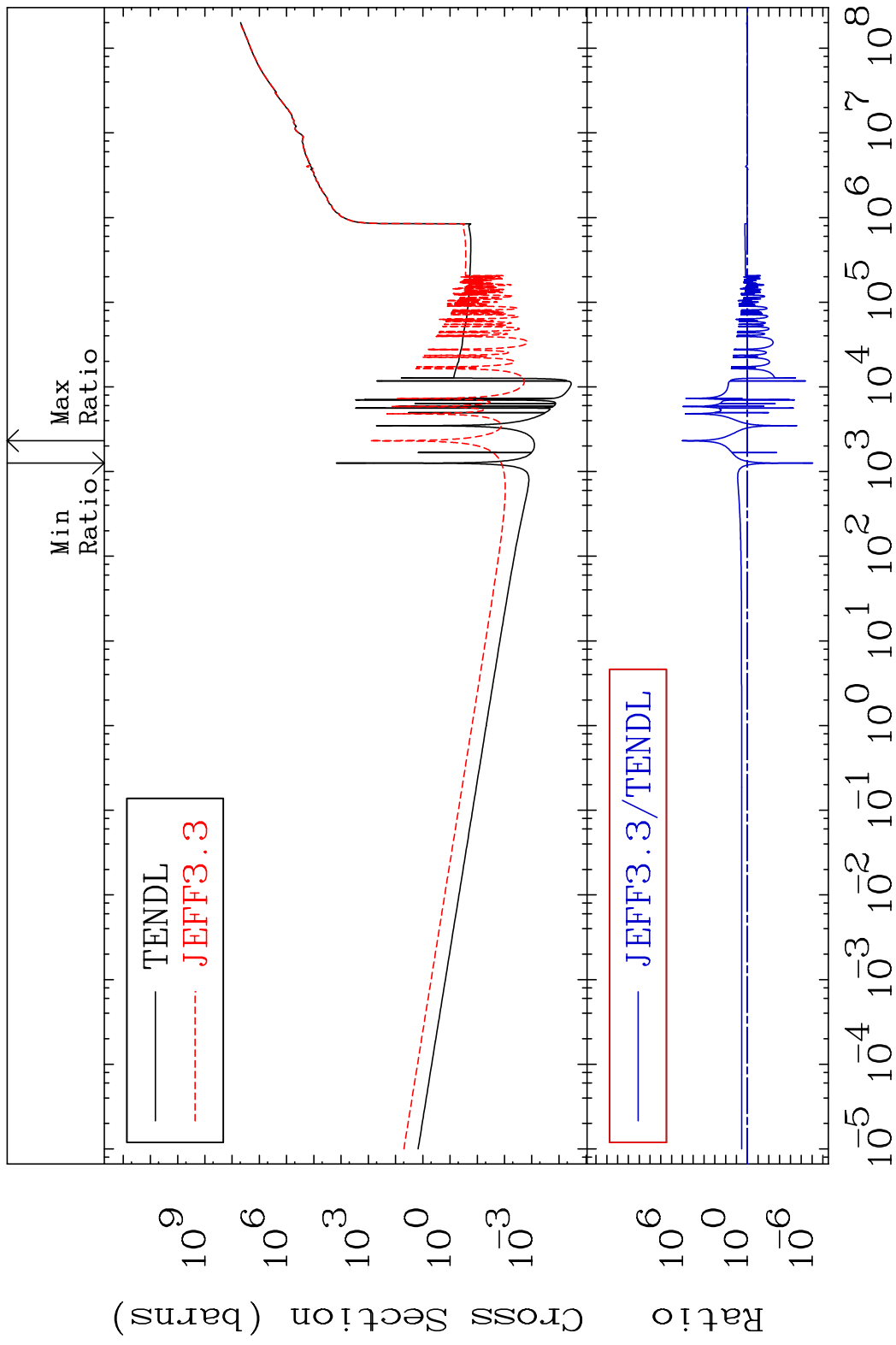
Incident Energy (eV) 38-Sr-90

MAT 3843

Kerma elastic Cross Section
-99.96 To 9999. %
38-Sr-90

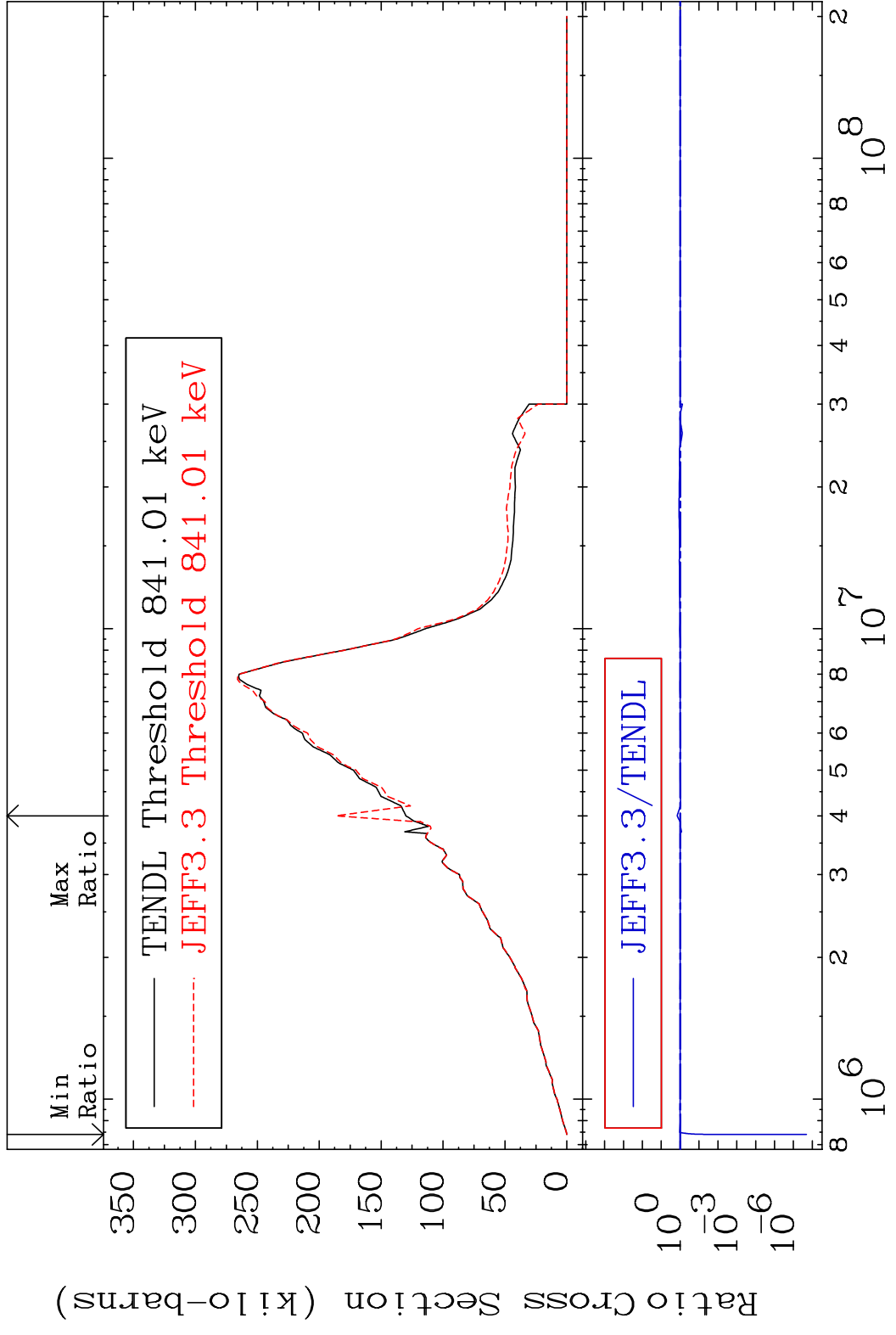


MAT 3843 Kerma non-elastic (all but mt2) 38-Sr-90
 Cross Section -100.0 To 9999. %

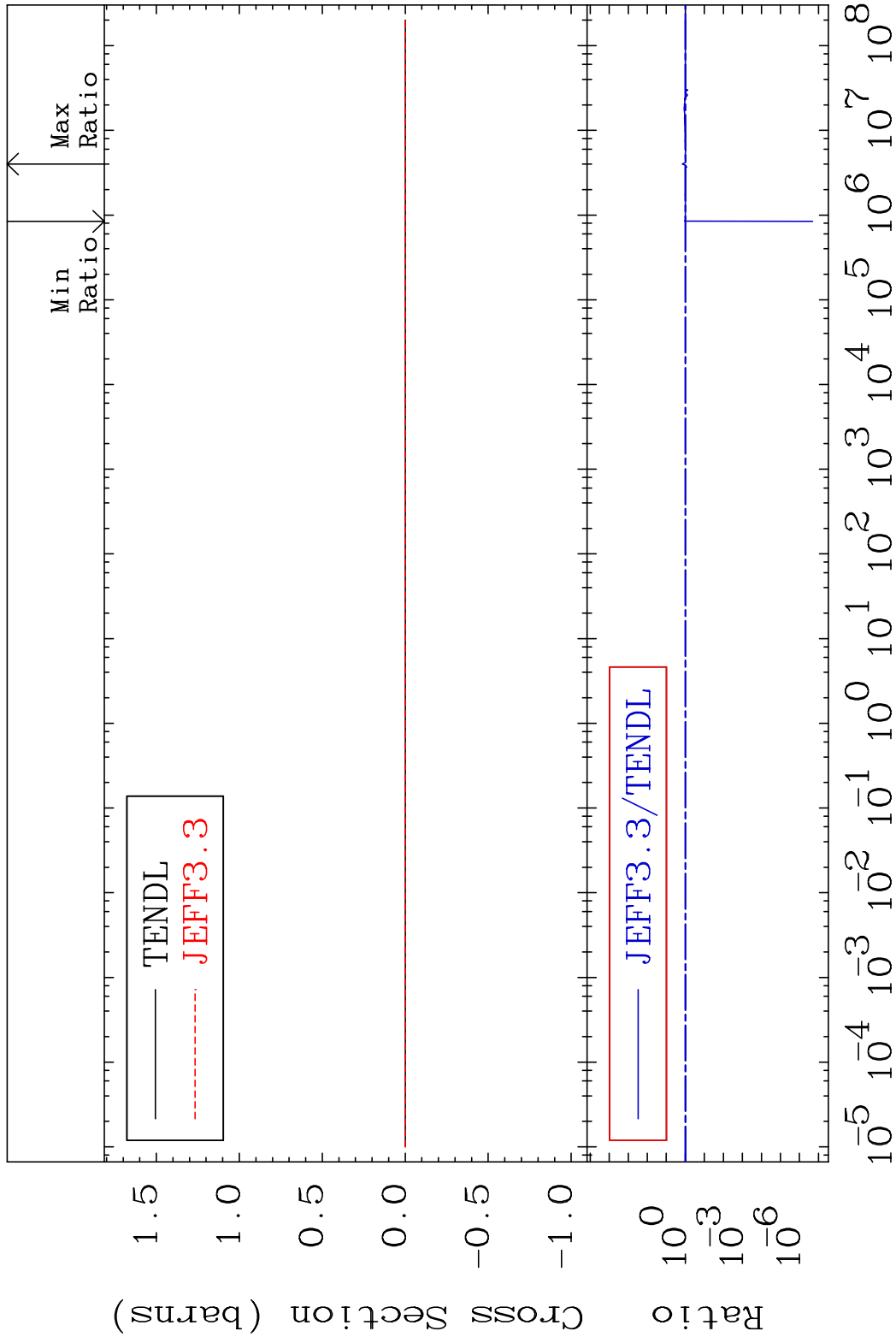


65 Incident Energy (eV) 38-Sr-90

MAT 3843 Kerma inelastic (mt51-91) 38-Sr-90
 Cross Section -100.0 To 43.39 %

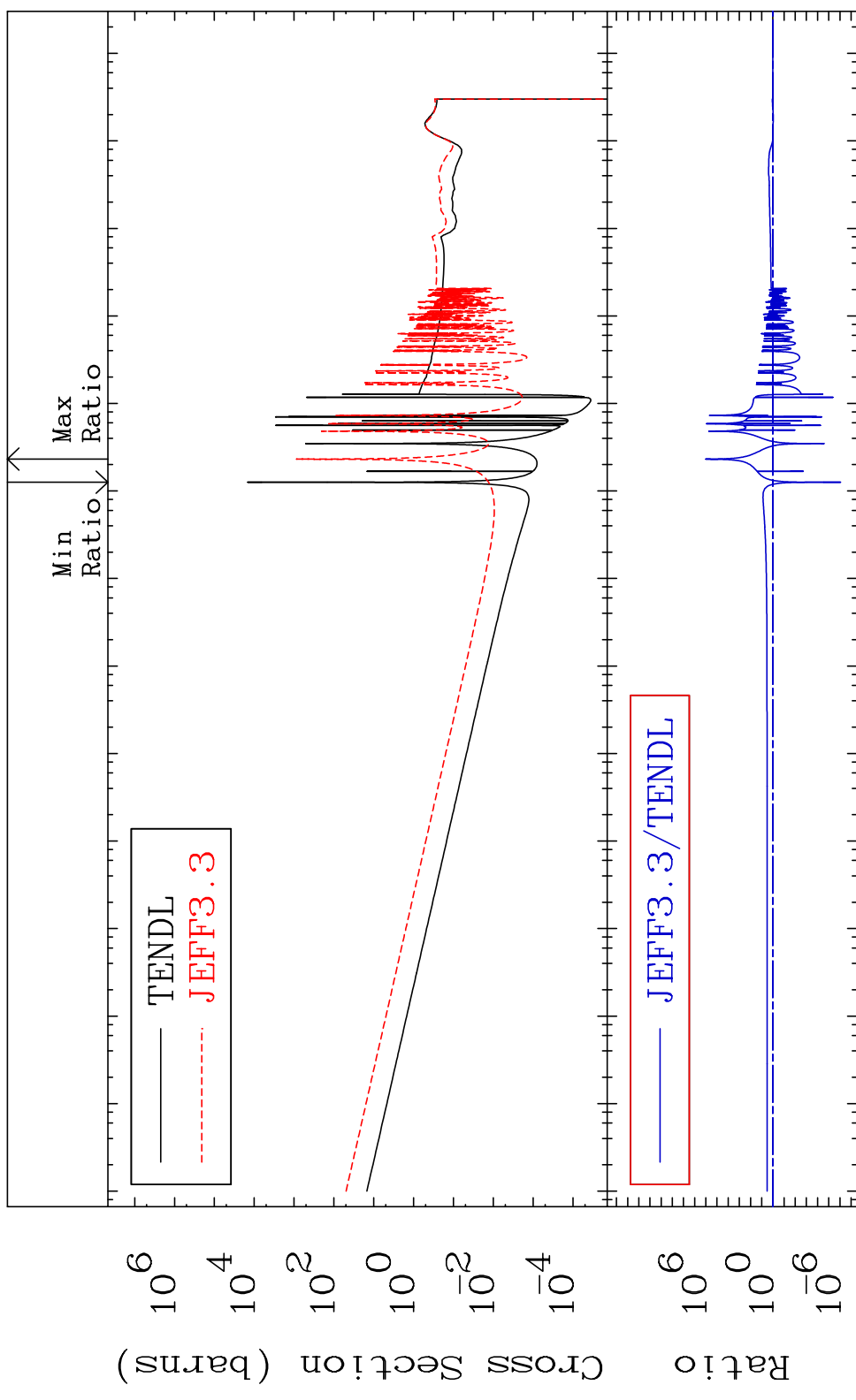


MAT 3843 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-90
 Cross Section -100.0 To 43.39 %

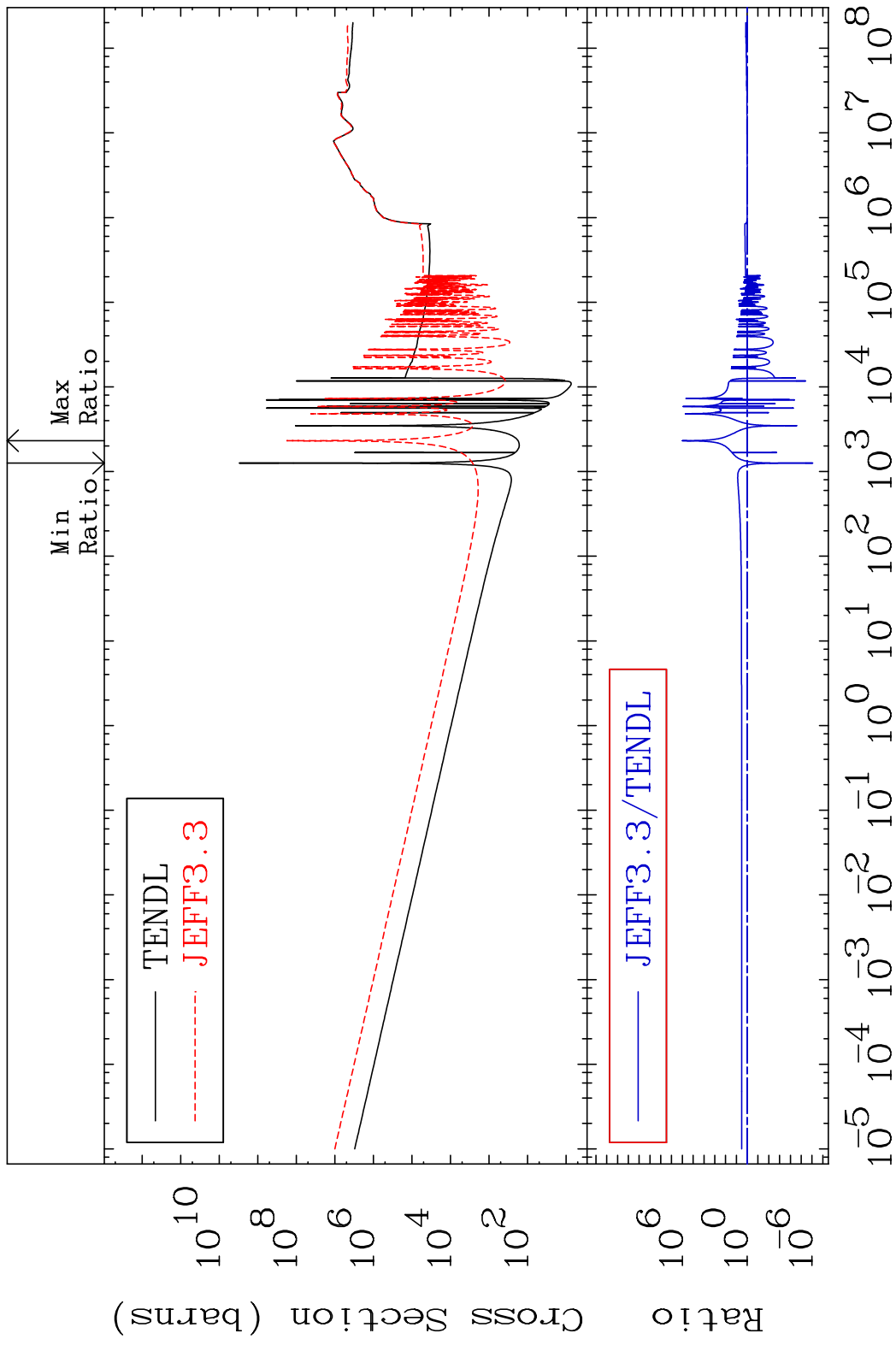


MAT 3843

Kerma capture (mt102) 38-Sr-90
Cross Section -100.0 To 9999. %

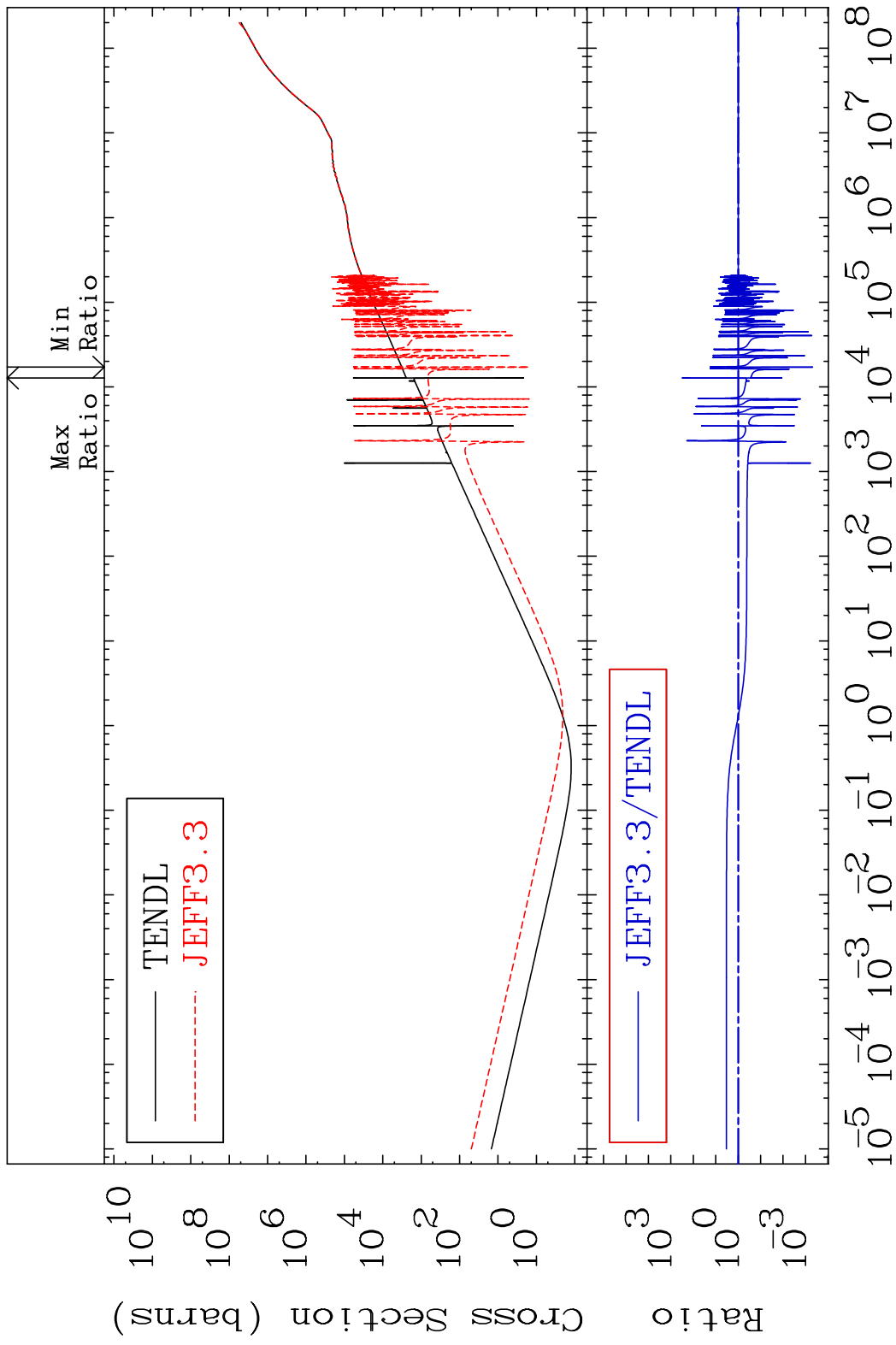


MAT 3843 Total photon (eV-barns) 38-Sr-90
 Cross Section -100.0 To 9999. %



69 Incident Energy (eV) 38-Sr-90

MAT 3843 Total kinematic kerma (high limit) 38-Sr-90
 Cross Section -99.95 To 9999. %



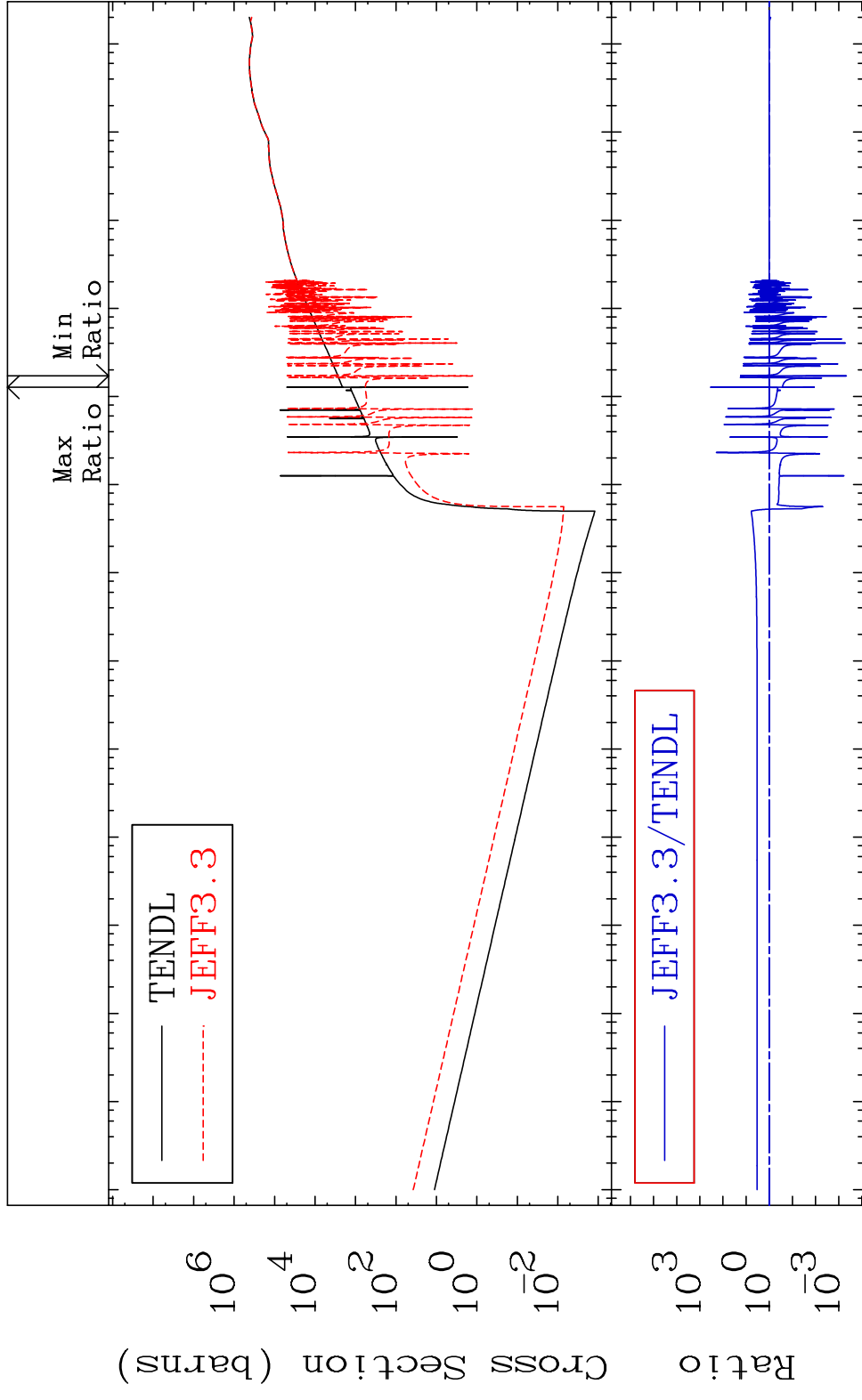
70 Incident Energy (eV) 38-Sr-90

MAT 3843

Dpa total (eV-barns)

38-Sr-90

Cross Section -99.95 To 9999. %



71

Incident Energy (eV)

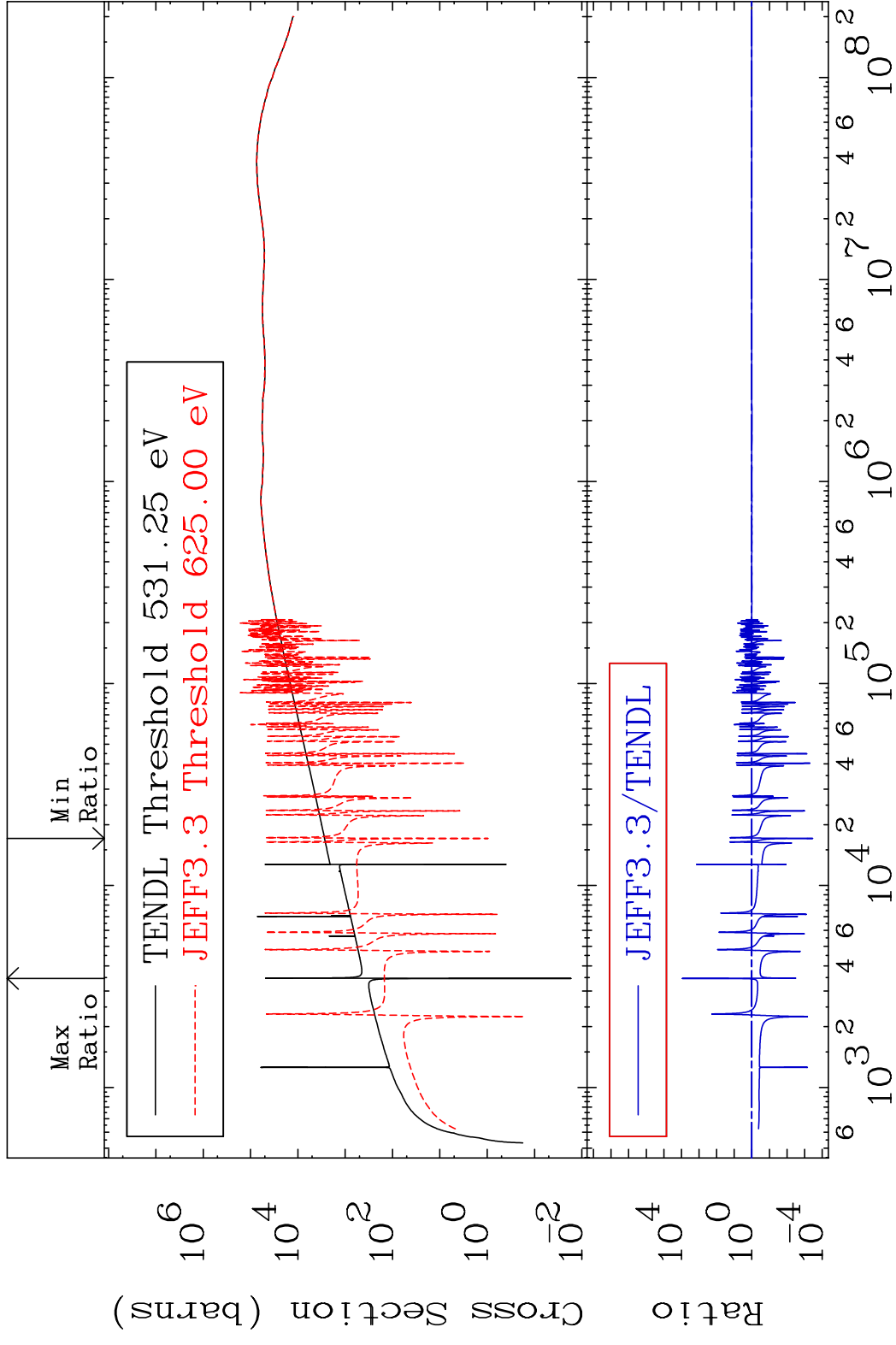
38-Sr-90

MAT 3843

Dpa elastic (mt2)

38-Sr-90

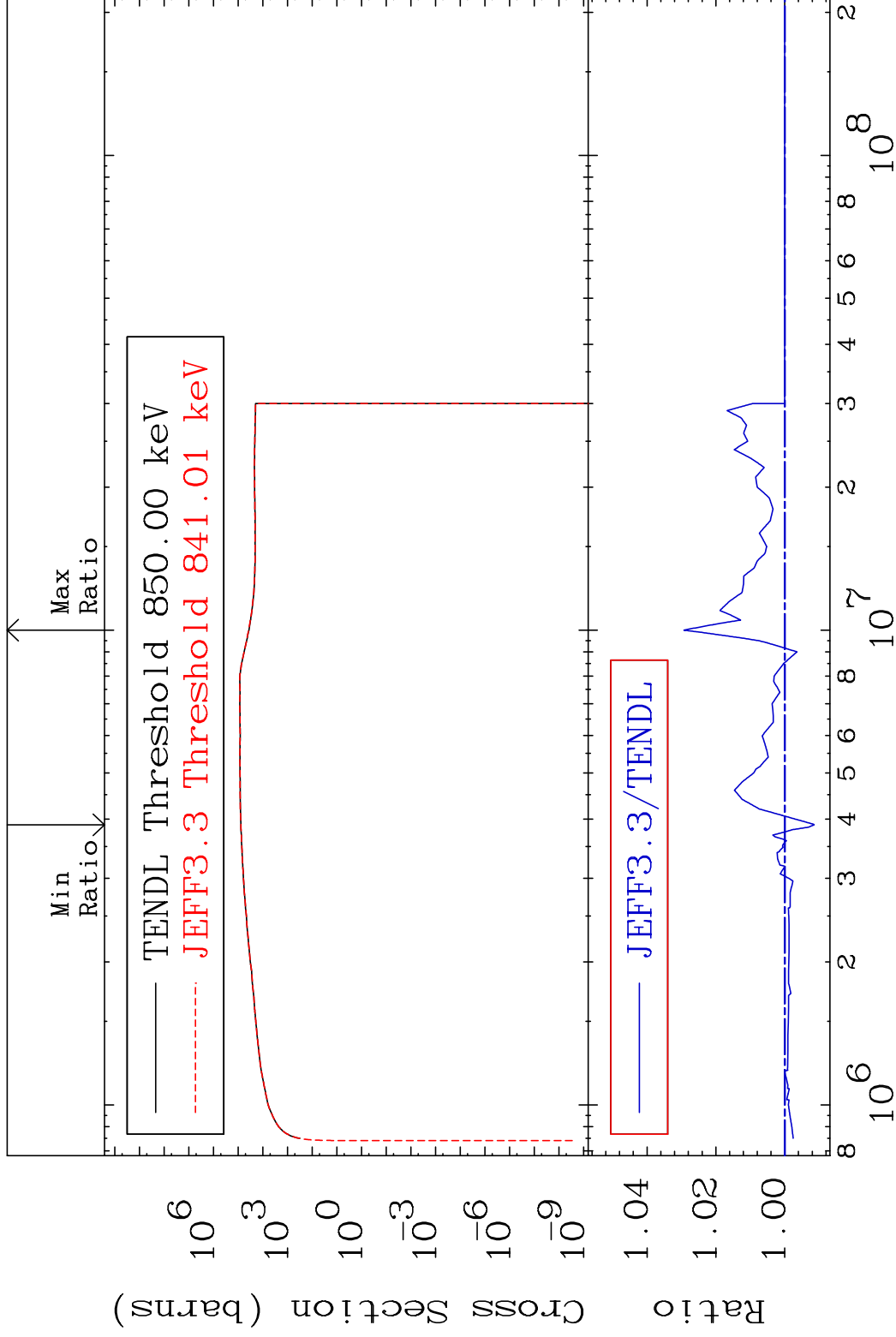
Cross Section -99.96 To 9999. %



MAT 3843

Dpa inelastic (mt51-91) 38-Sr-90

Cross Section -0.854 To 2.937 %

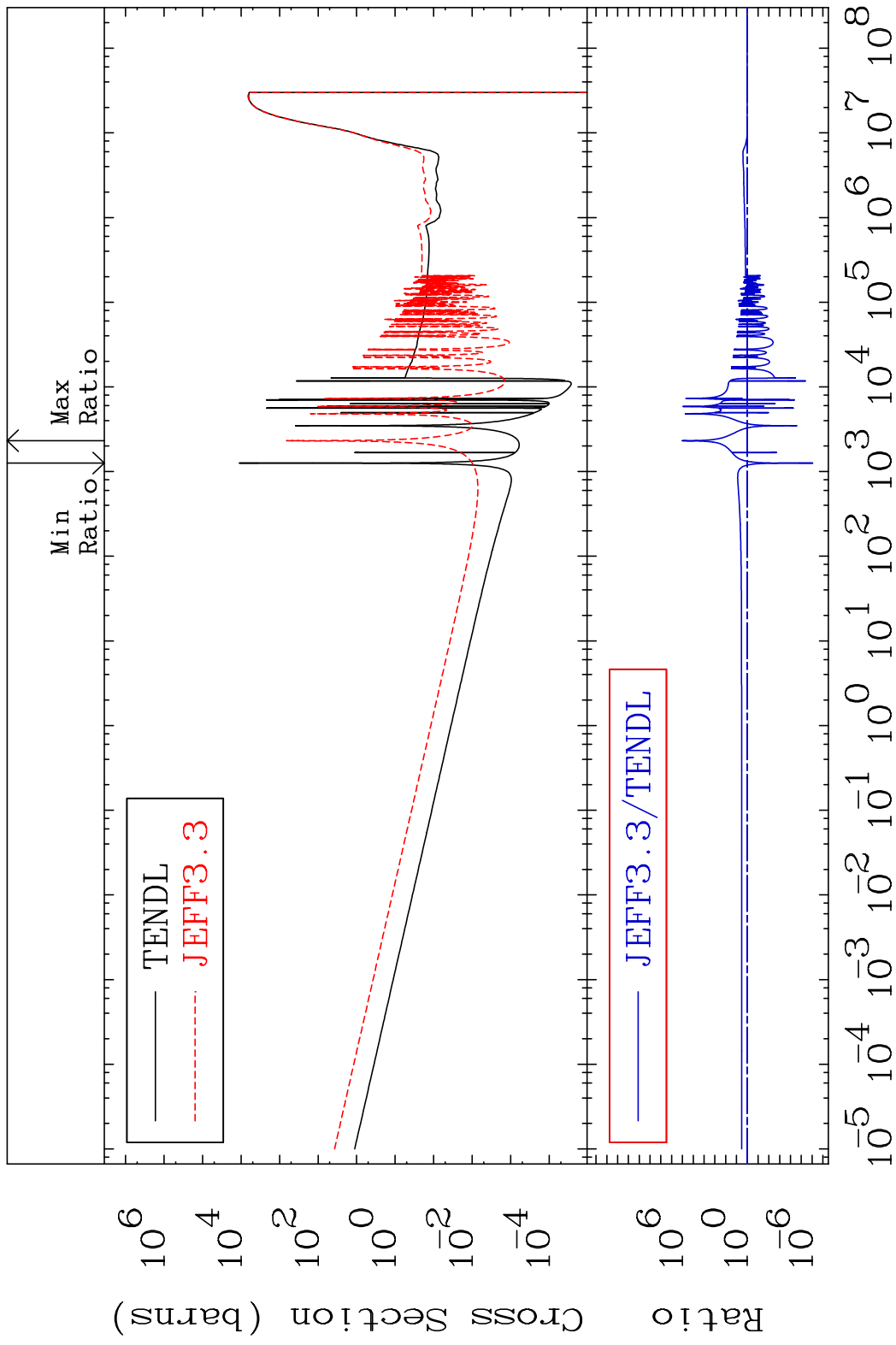


73

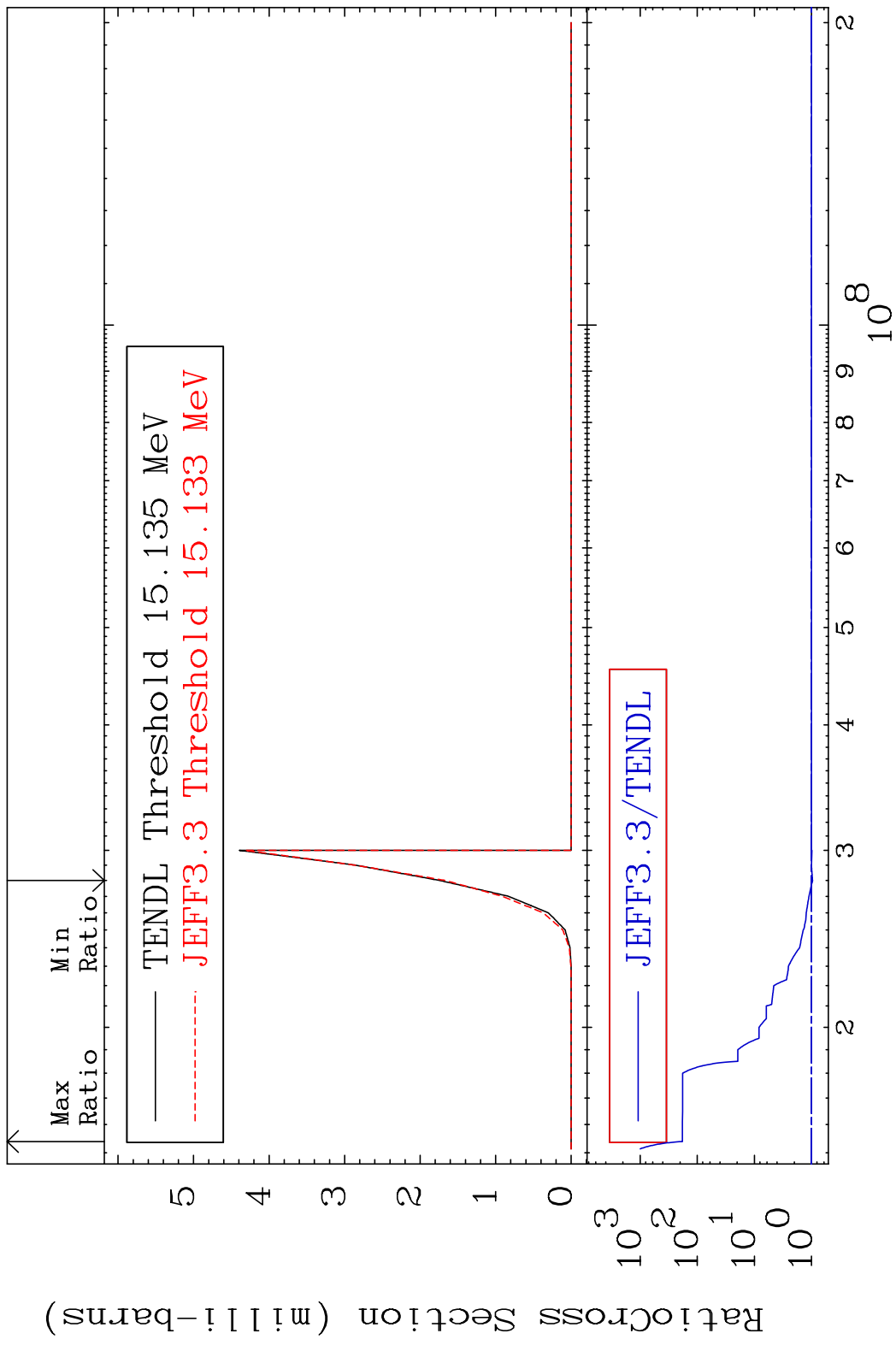
Incident Energy (eV)

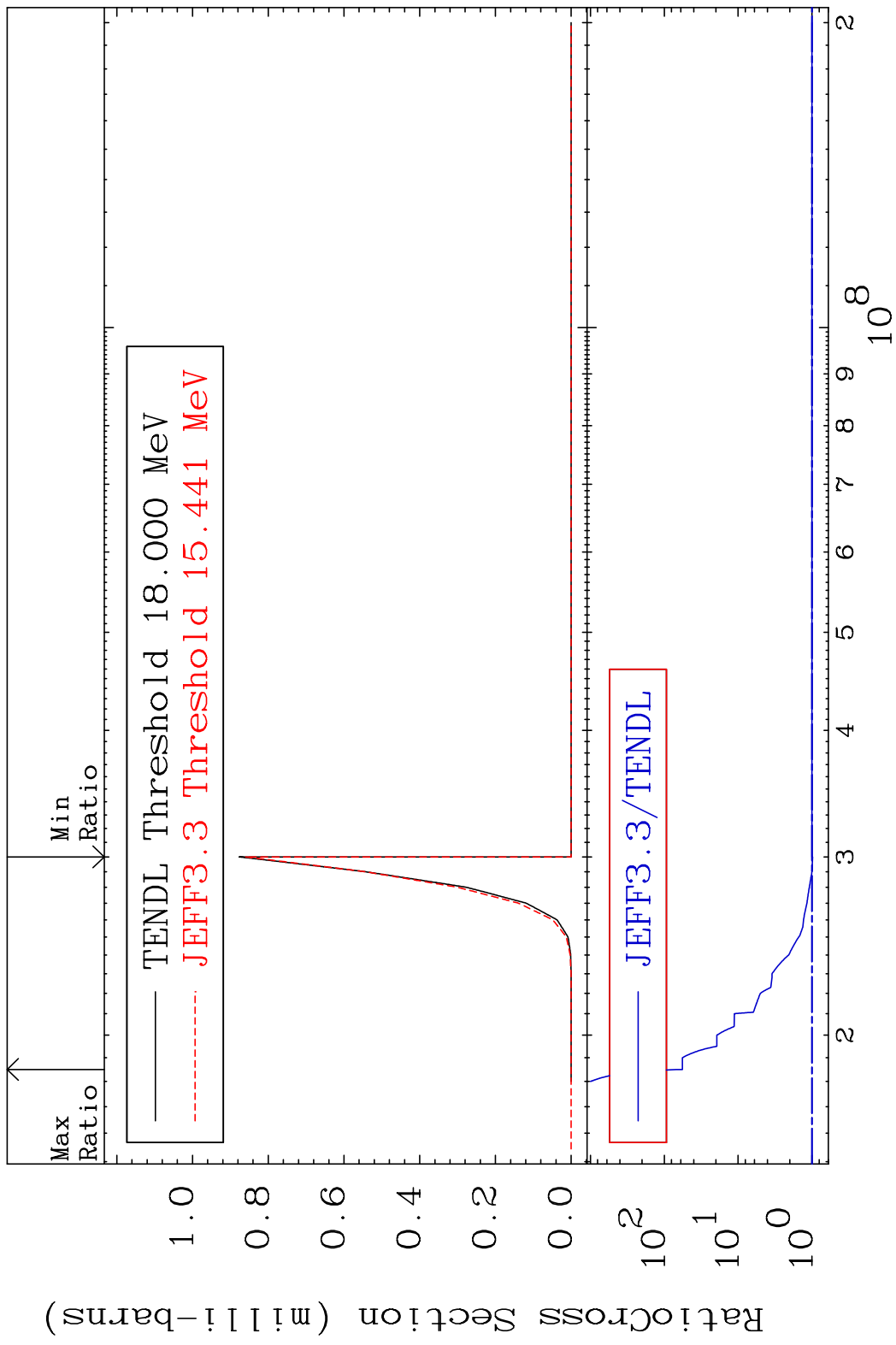
38-Sr-90

MAT 3843 Dpa disappearance (mt102 -120) 38-Sr-90
 Cross Section -100.0 To 9999. %

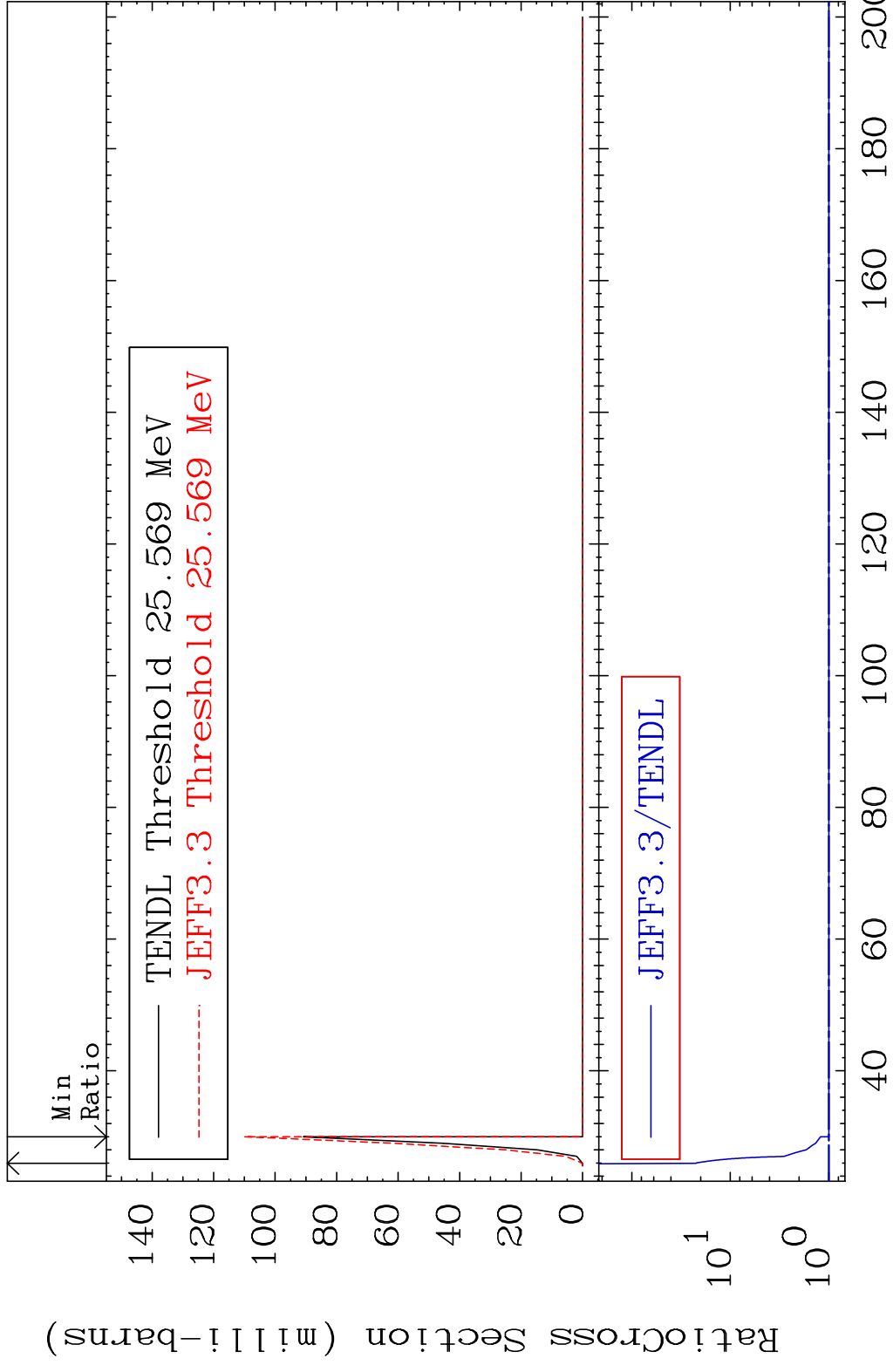


MAT 3843 (n,2n) α :36-Kr-85g 38-Sr-90
 Radionuclide Production Cross Section 9999. %

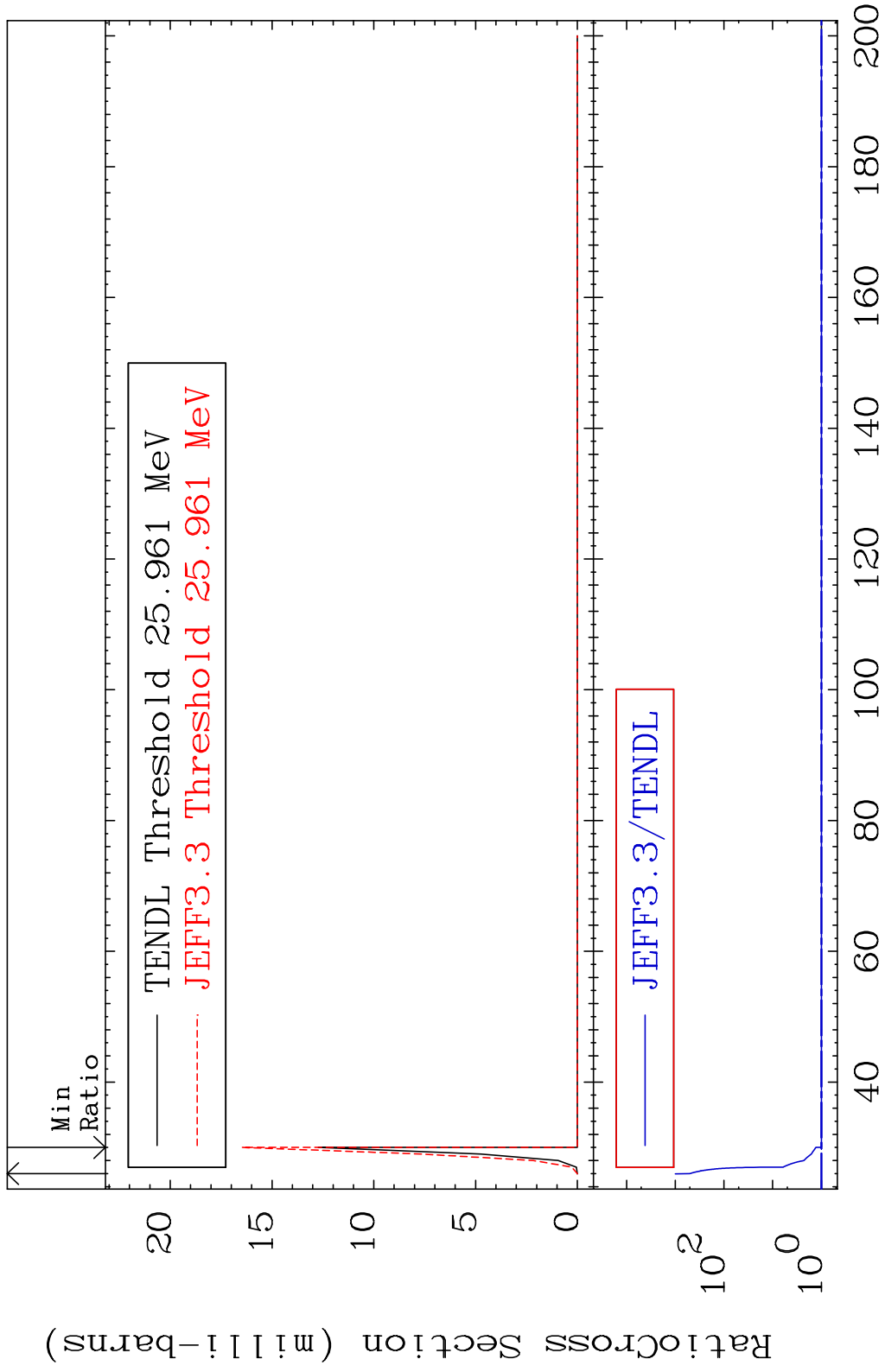




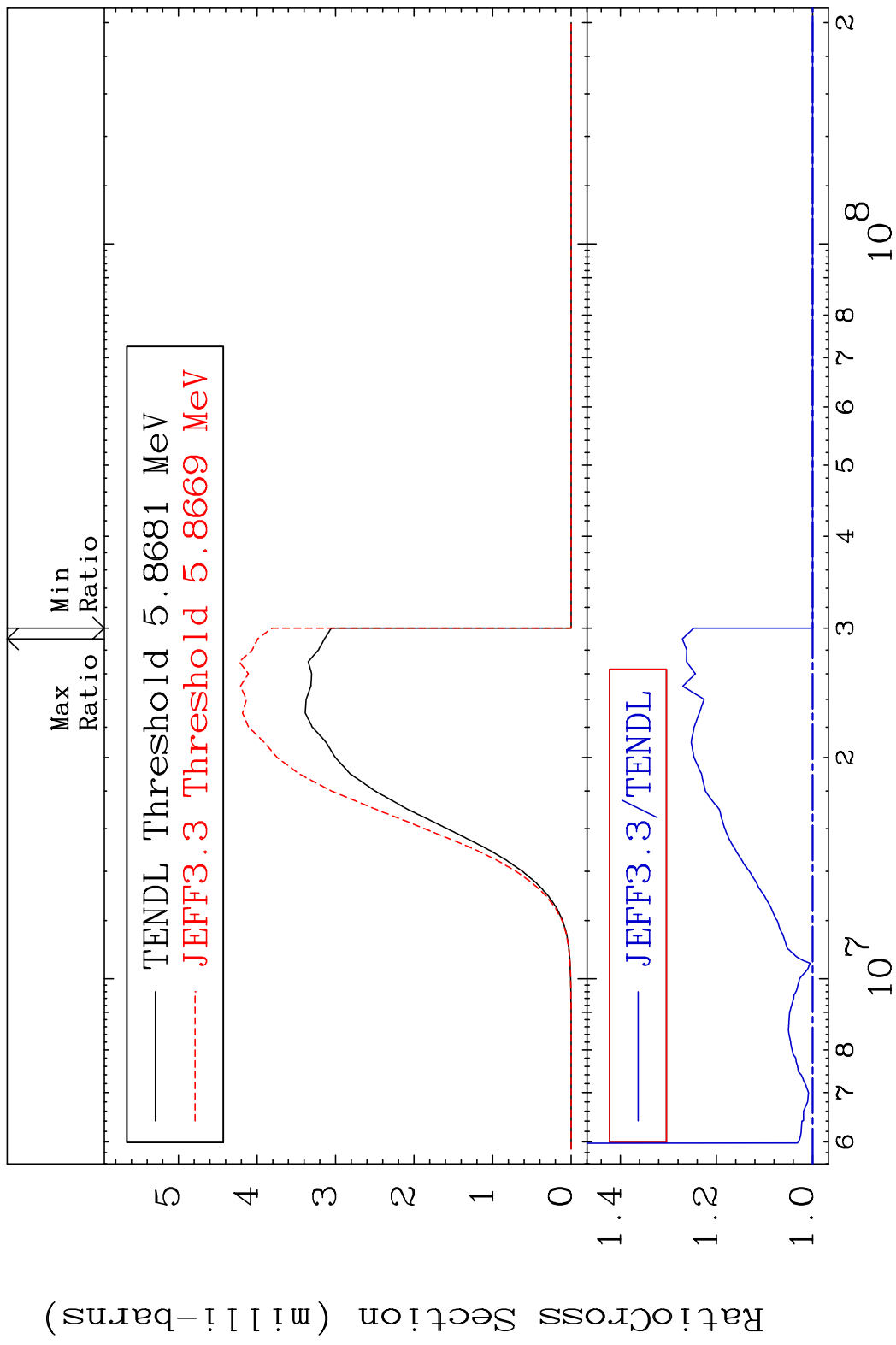
MAT 3843 (n,4n):38-Sr-87g 38-Sr-90
 Radionuclide Production Cross Section 2130. %



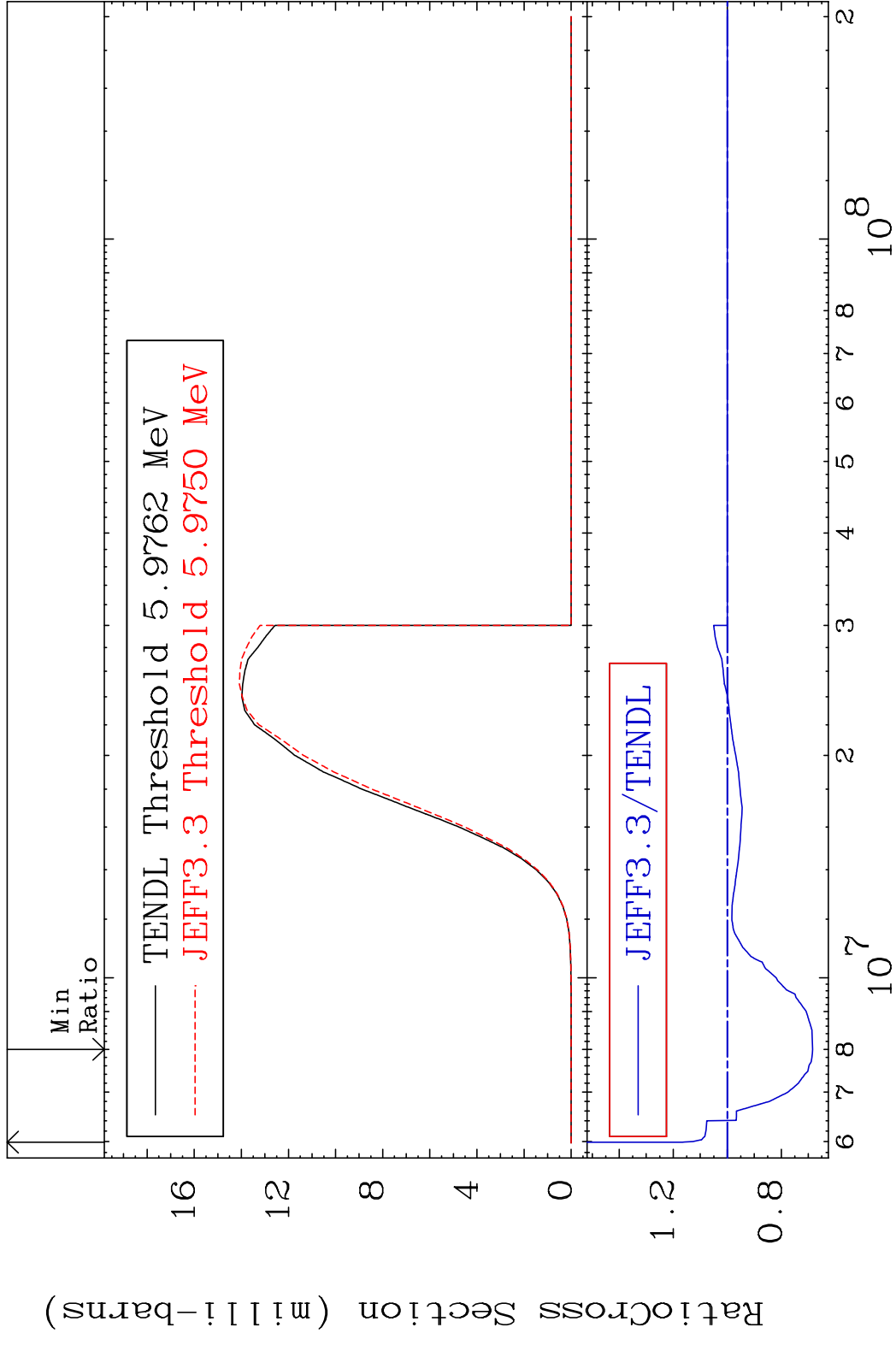
MAT 3843 (n,4n):38-Sr-87m1 38-Sr-90
 Radionuclide Production Cross Section 9999. %



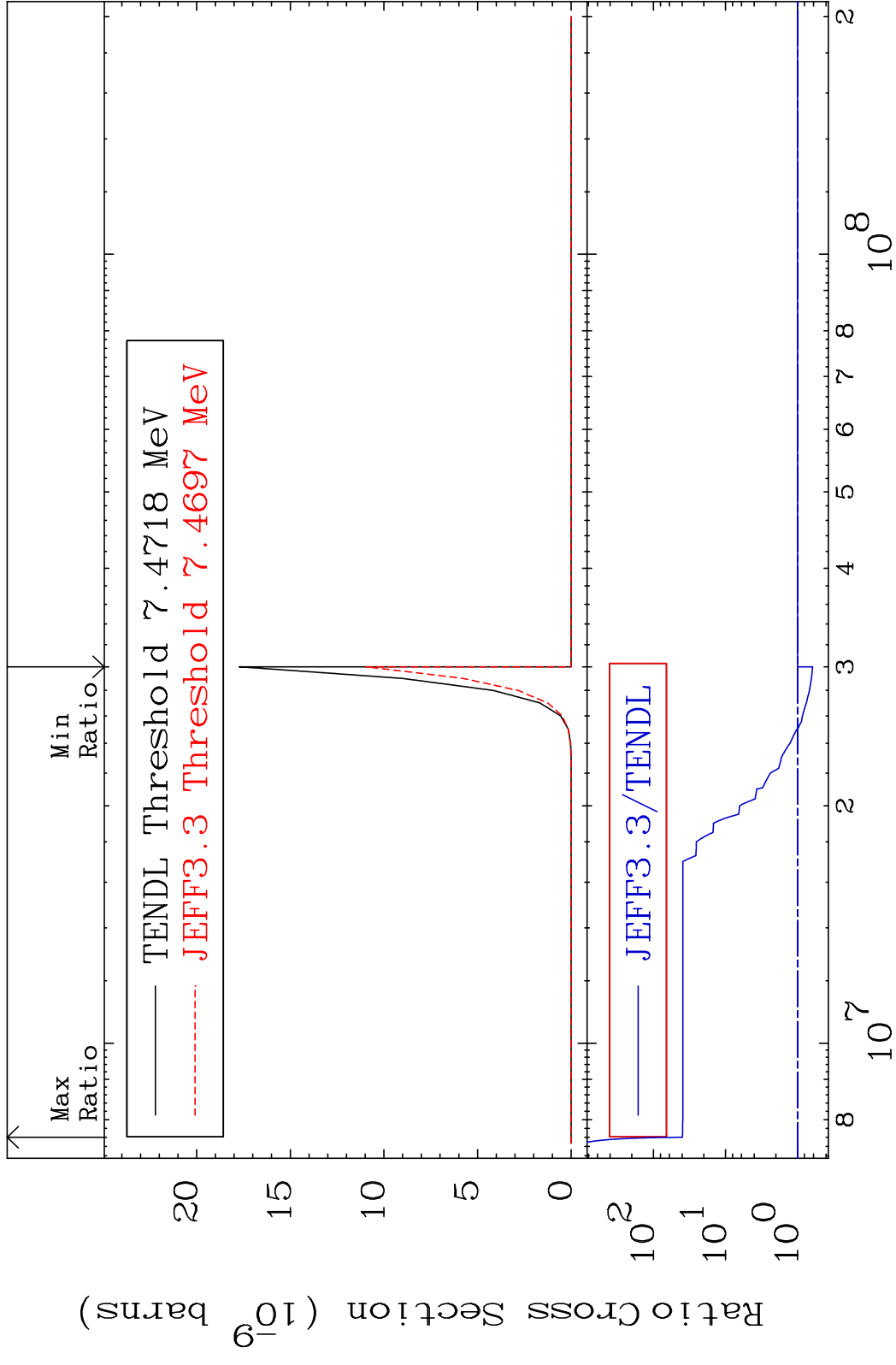
MAT 3843 (n, p): 37-Rb-90g 38-Sr-90
 Radionuclide Production Cross Section 27.09 %



MAT 3843 (n,p):37-Rb-90m1 38-Sr-90
 Radionuclide Production Cross Section 16.62 %



MAT 3843 (n,2α):34-Se-83g 38-Sr-90
 Radionuclide Production Cross Section 38e23i d10 3878. %



MAT 3843 (n,2α):34-Se-83m1 38-Sr-90
 Radionuclide Production Cross Section 3127. %

