

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

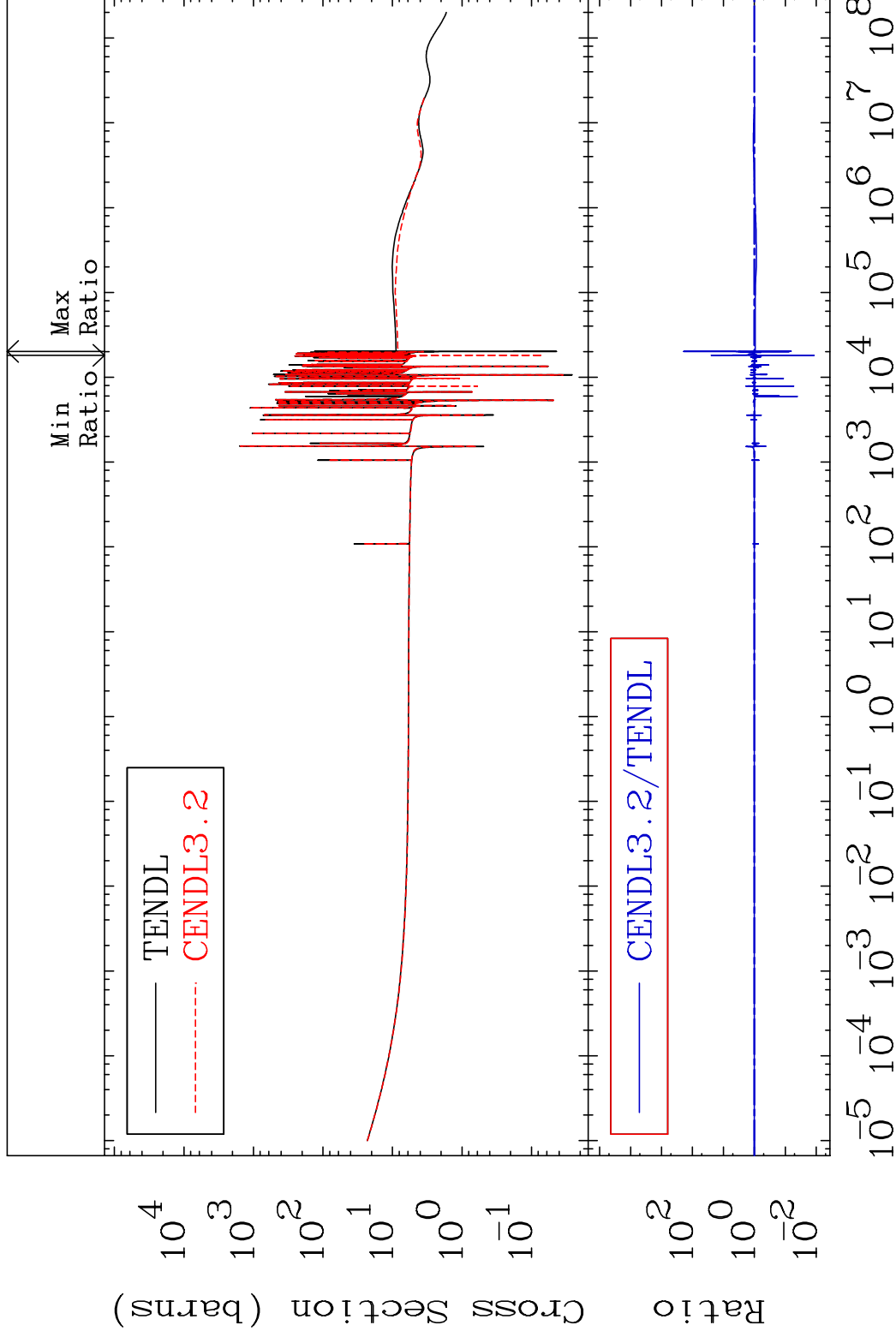
MAT 4231

Total

42-Mo-94

Cross Section

-98.83 To 9999. %



1

Incident Energy (eV)

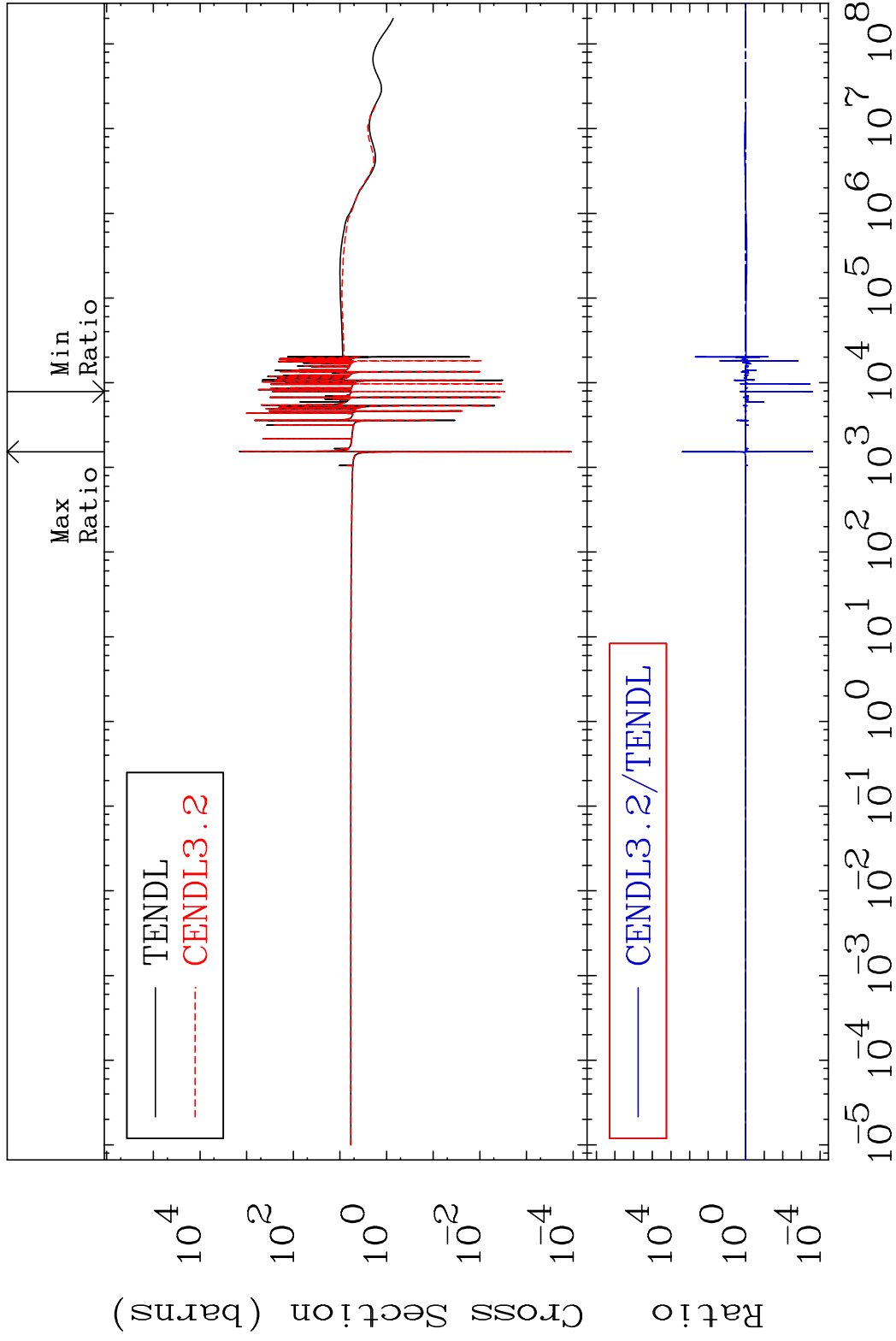
42-Mo-94

MAT 4231

Elastic

42-Mo-94

Cross Section -99.97 To 9999. %



2

Incident Energy (eV)

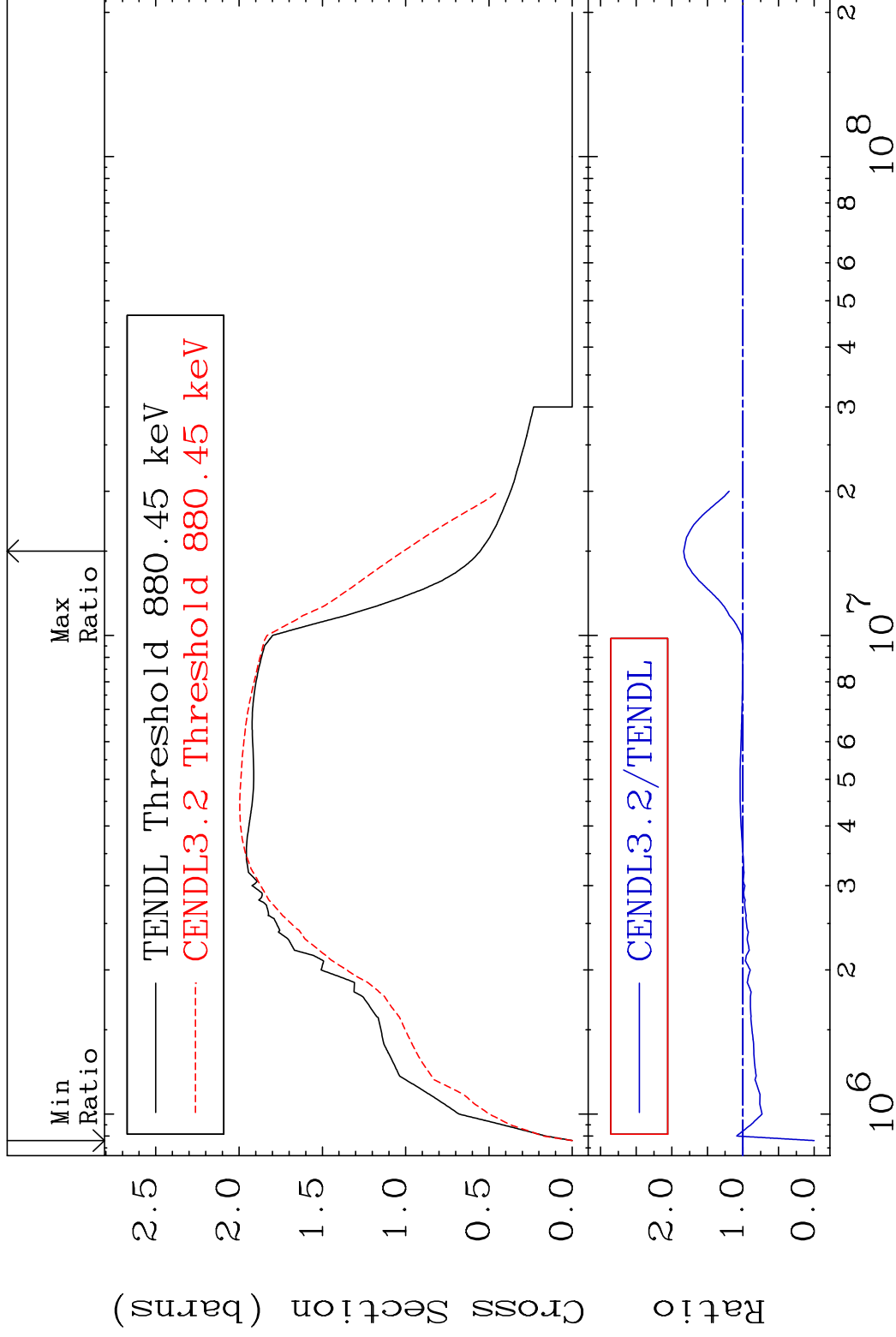
42-Mo-94

MAT 4231

Inelastic

42-Mo-94

Cross Section -100.0 To 83.33 %



3

Incident Energy (eV)

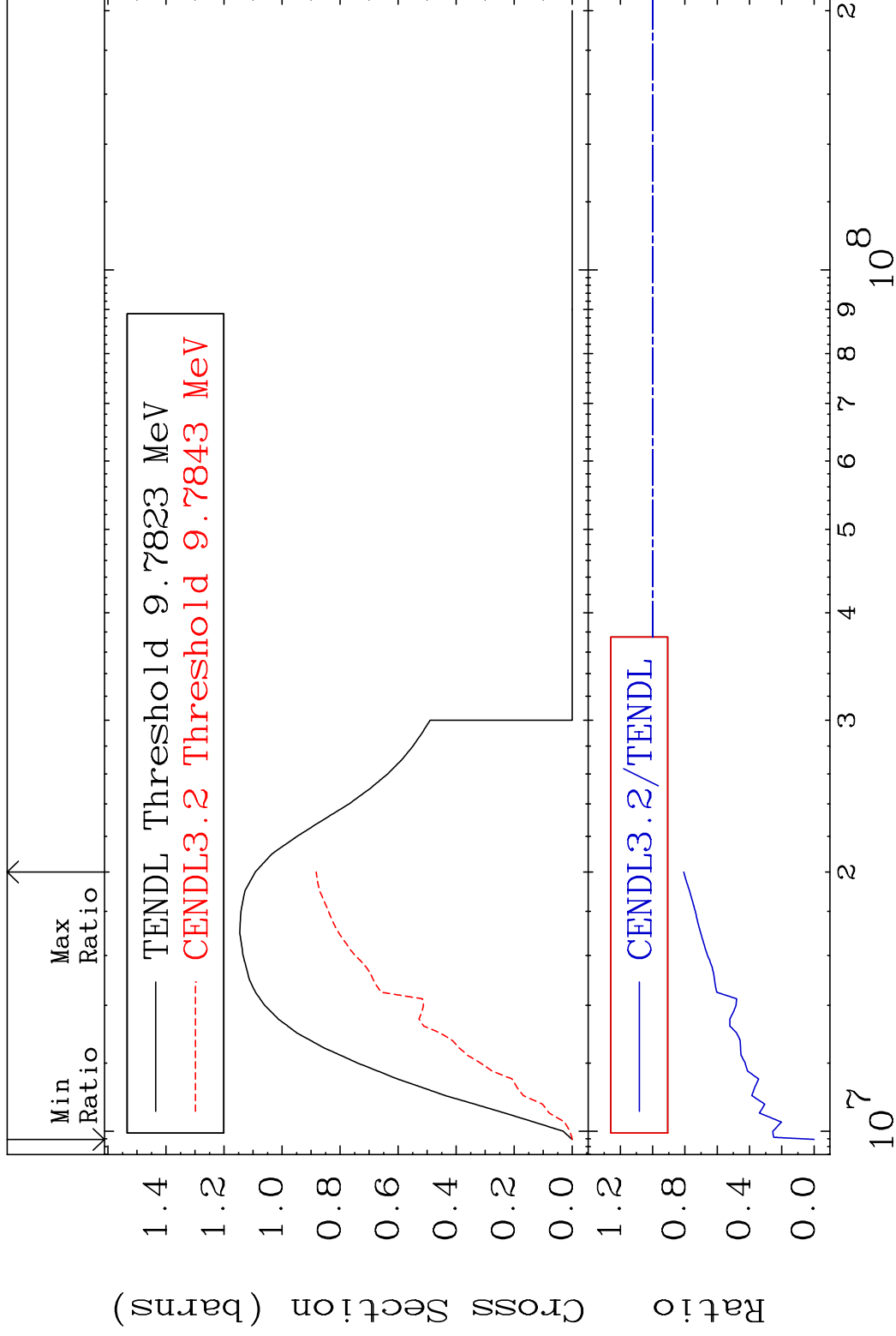
42-Mo-94

MAT 4231

(n,2n)

42-Mo-94

Cross Section -100.0 To -19.22%

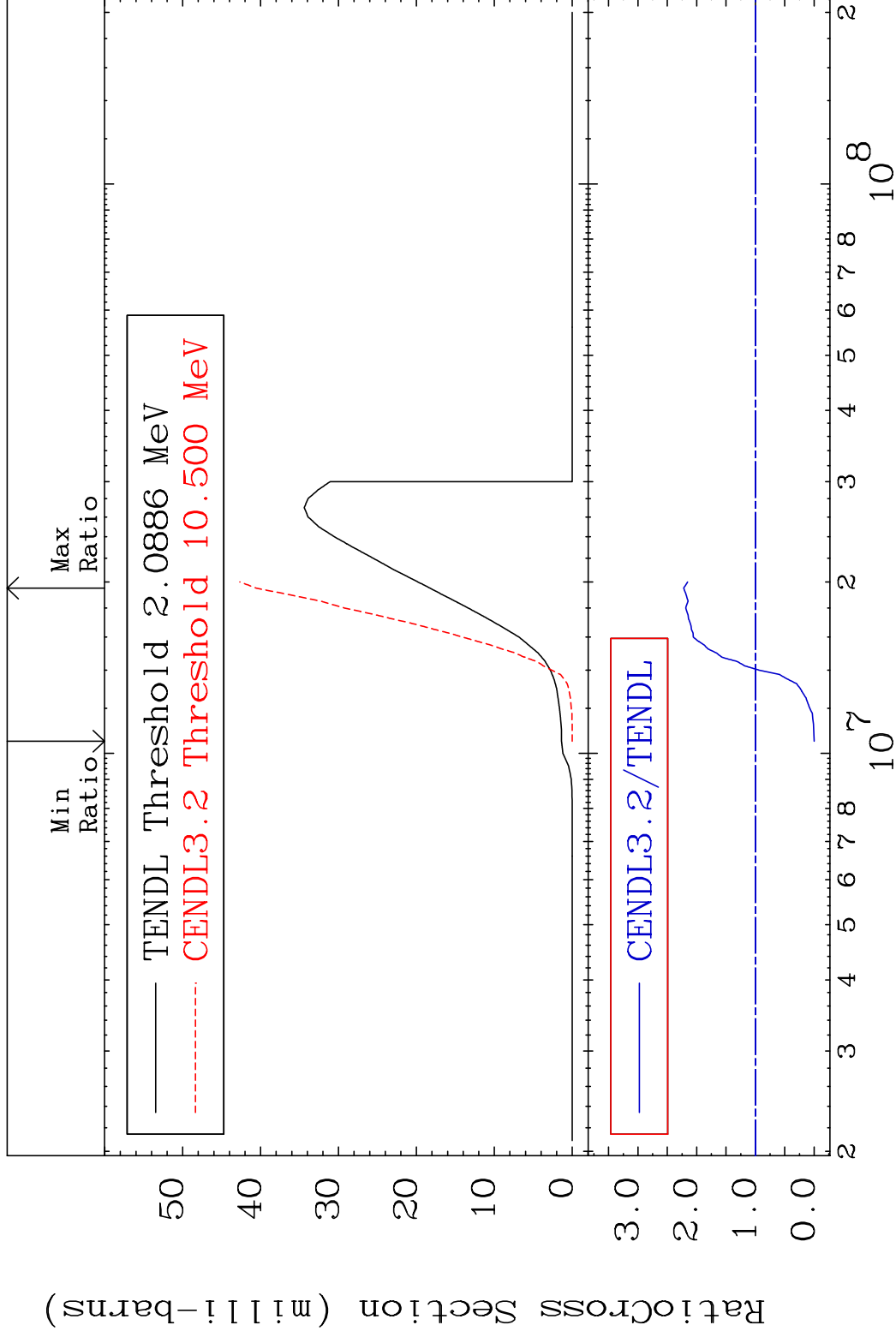


4 Incident Energy (eV)

42-Mo-94

MAT 4231

(n, n') α 42-Mo-94
Cross Section -100.0 To 122.1 %



5

Incident Energy (eV)

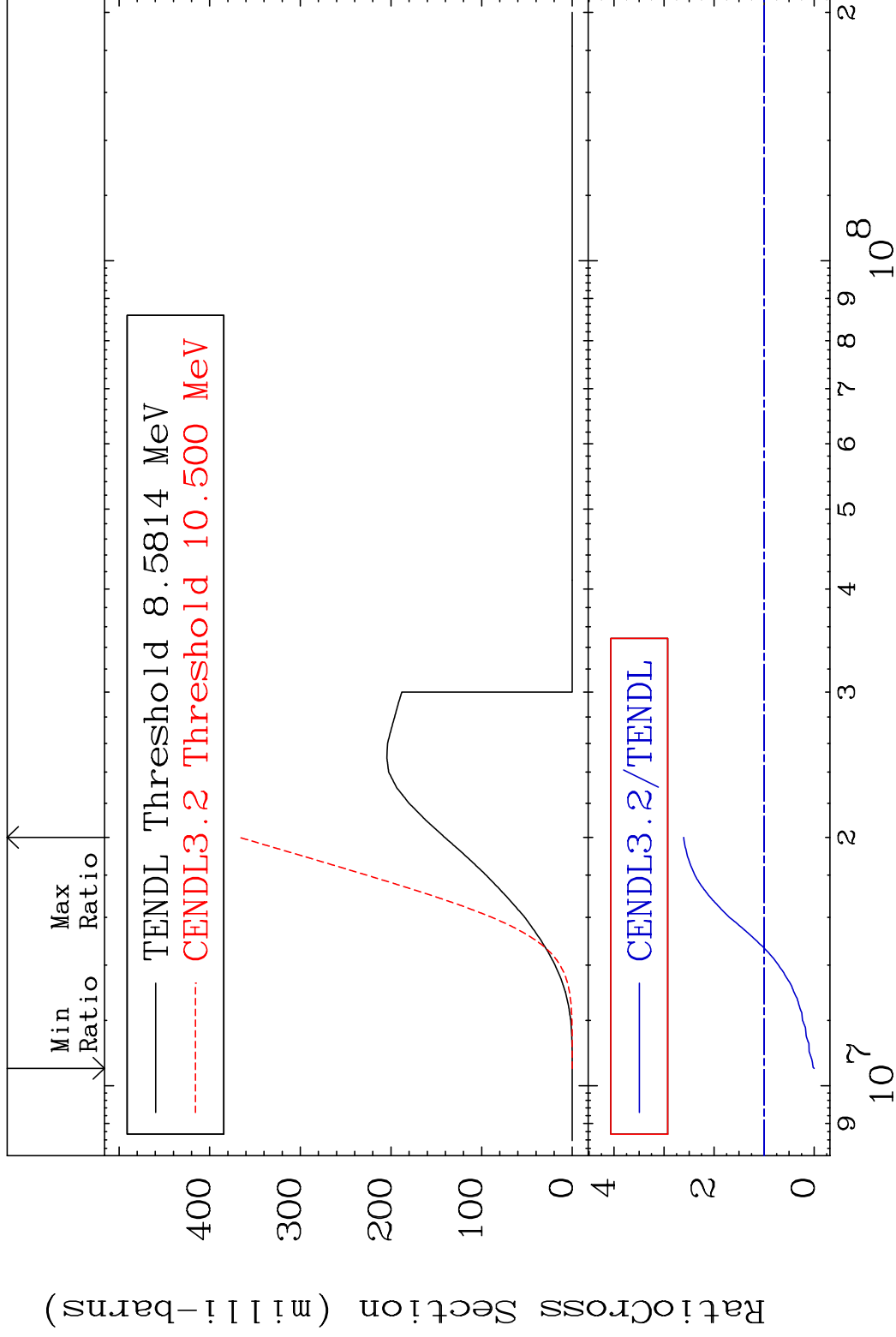
42-Mo-94

MAT 4231

(n, n') p

42-Mo-94

Cross Section -100.0 To 160.8 %

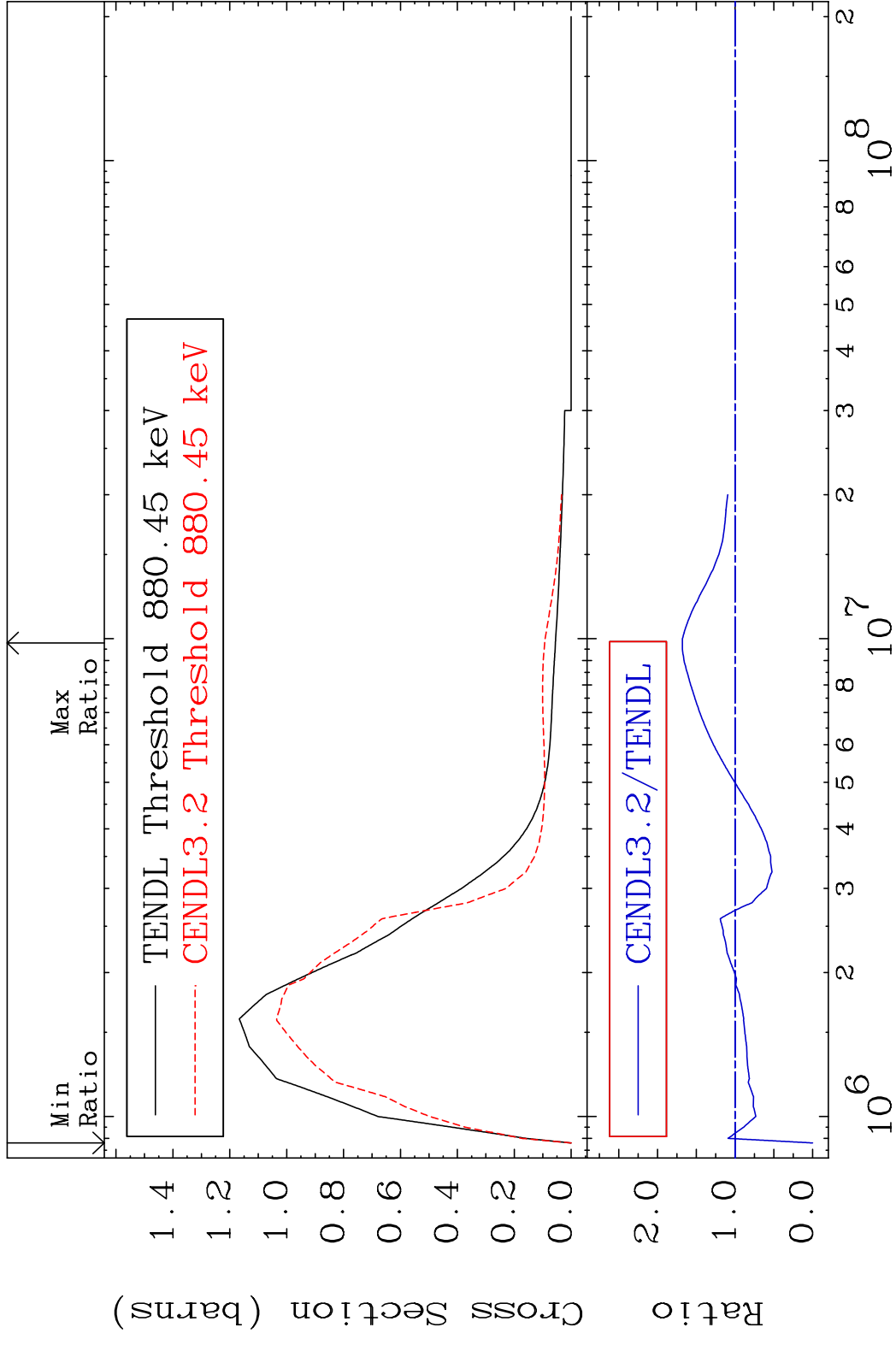


6

Incident Energy (eV)

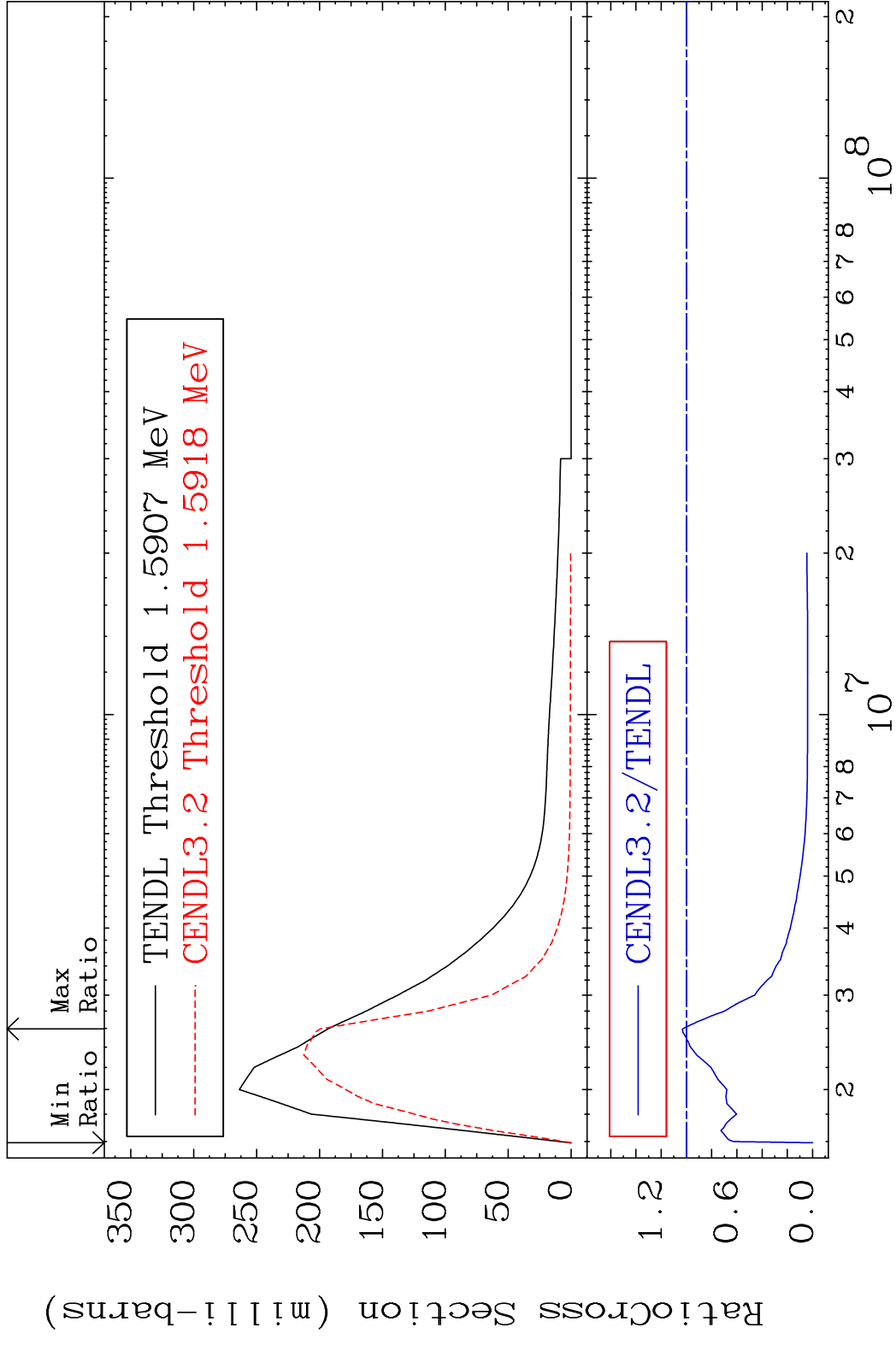
42-Mo-94

MAT 4231 MT= 51 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 67.87 %

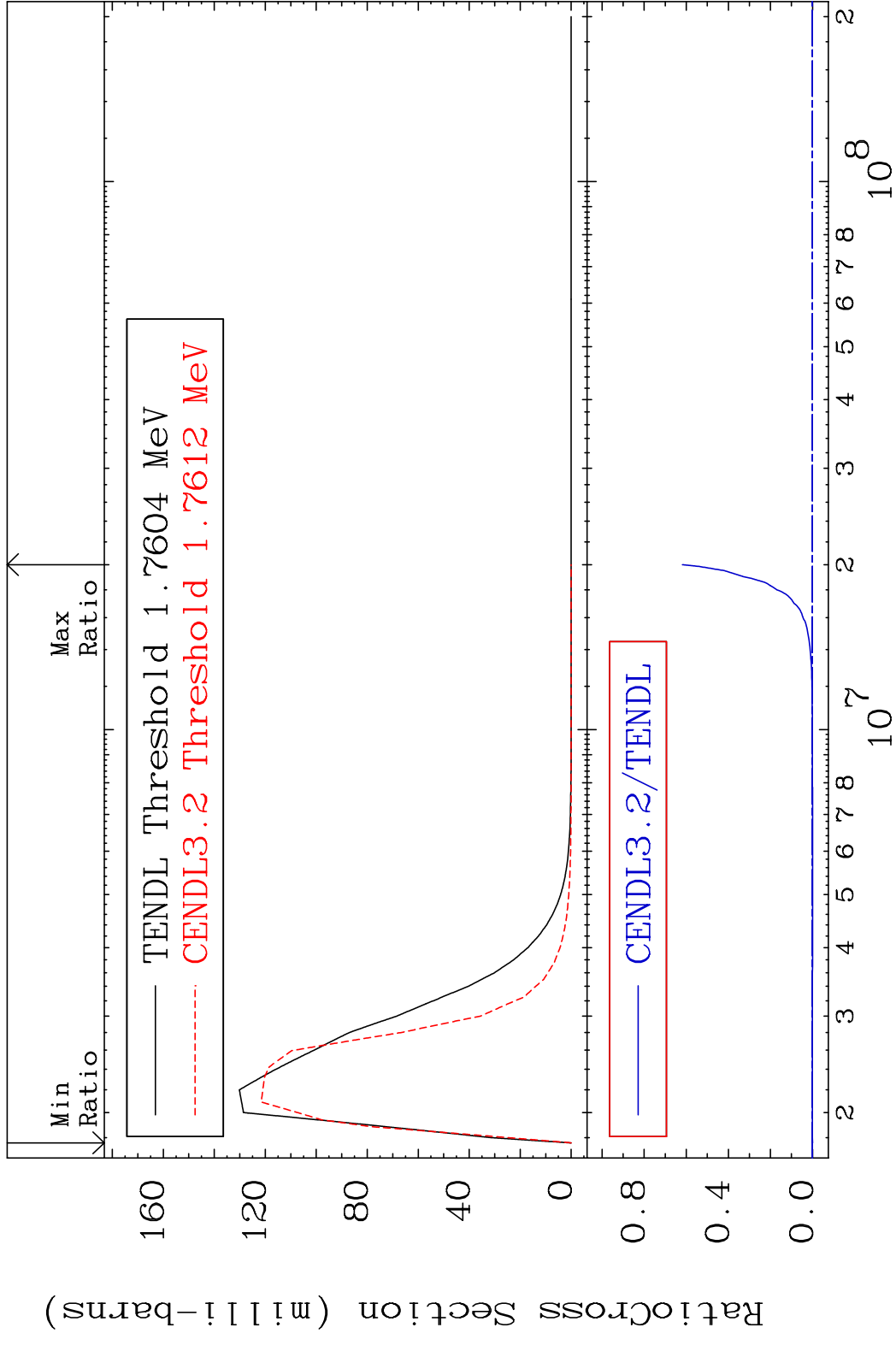


7 Incident Energy (eV) 42-Mo-94

MAT 4231 MT= 52 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 3.217 %



MAT 4231 MT= 53 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



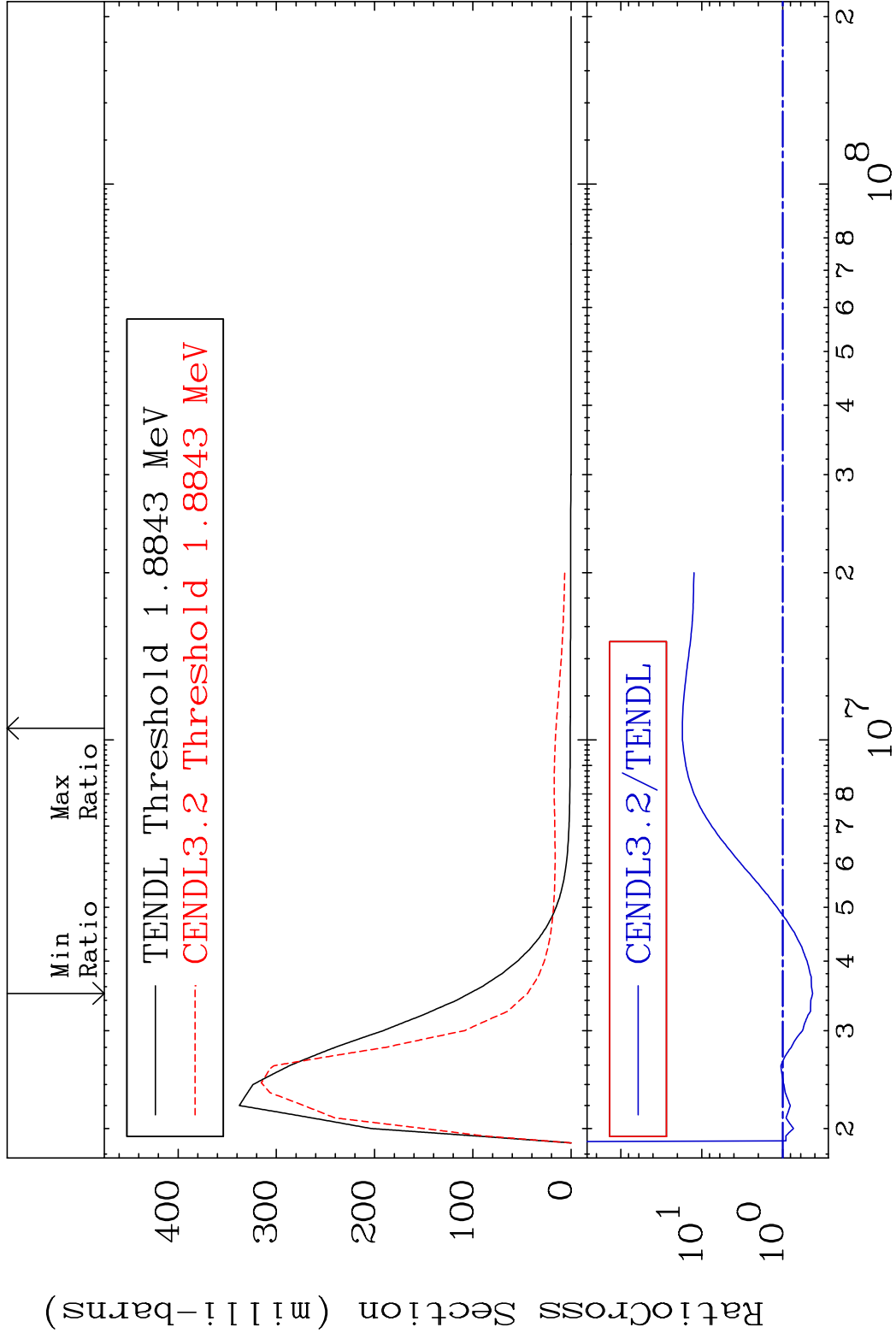
9 Incident Energy (eV) 42-Mo-94

MAT 4231

MT= 54 (n,n') Level

42-Mo-94

Cross Section -57.19 To 1636. %

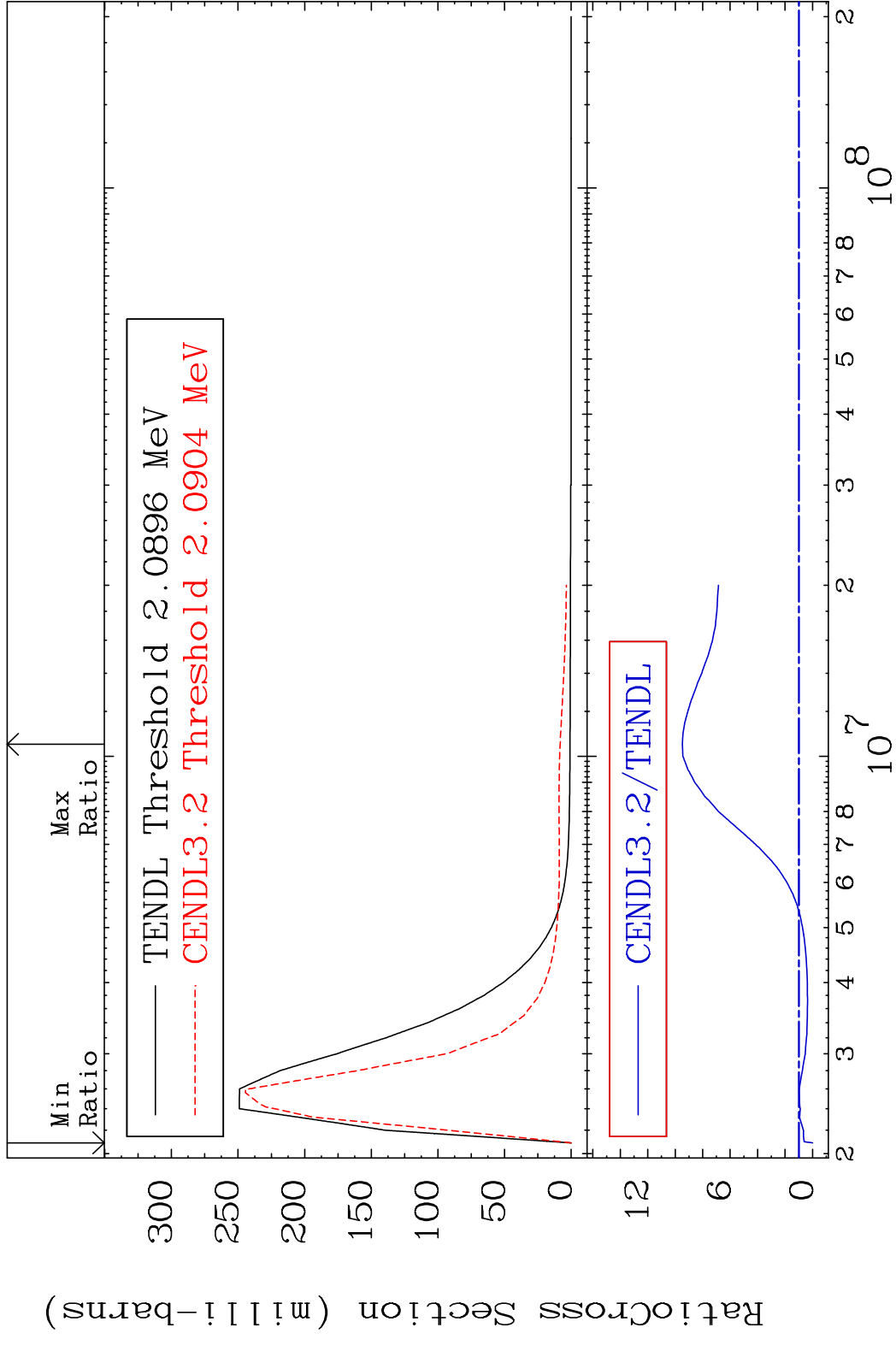


10

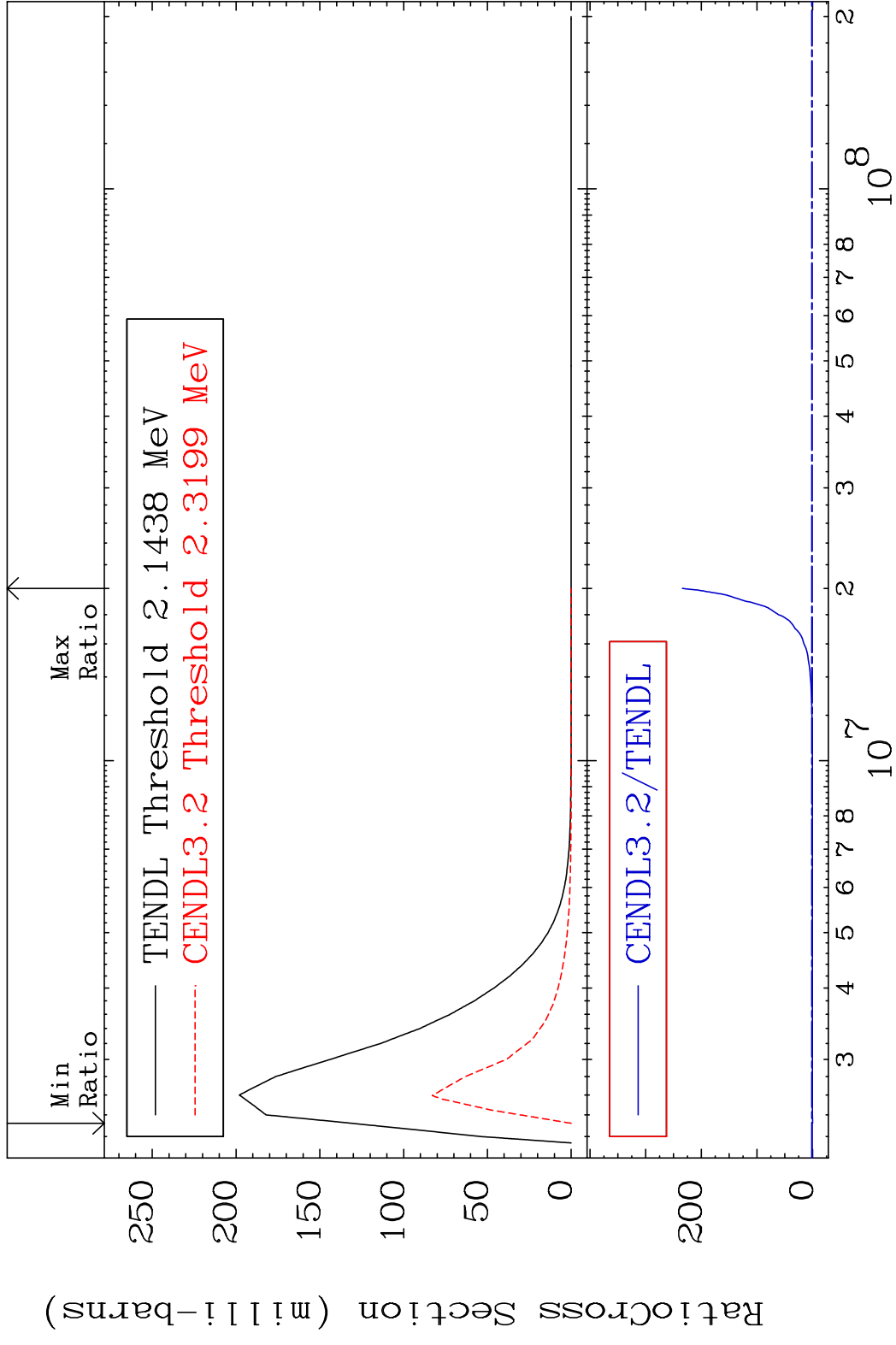
Incident Energy (eV)

42-Mo-94

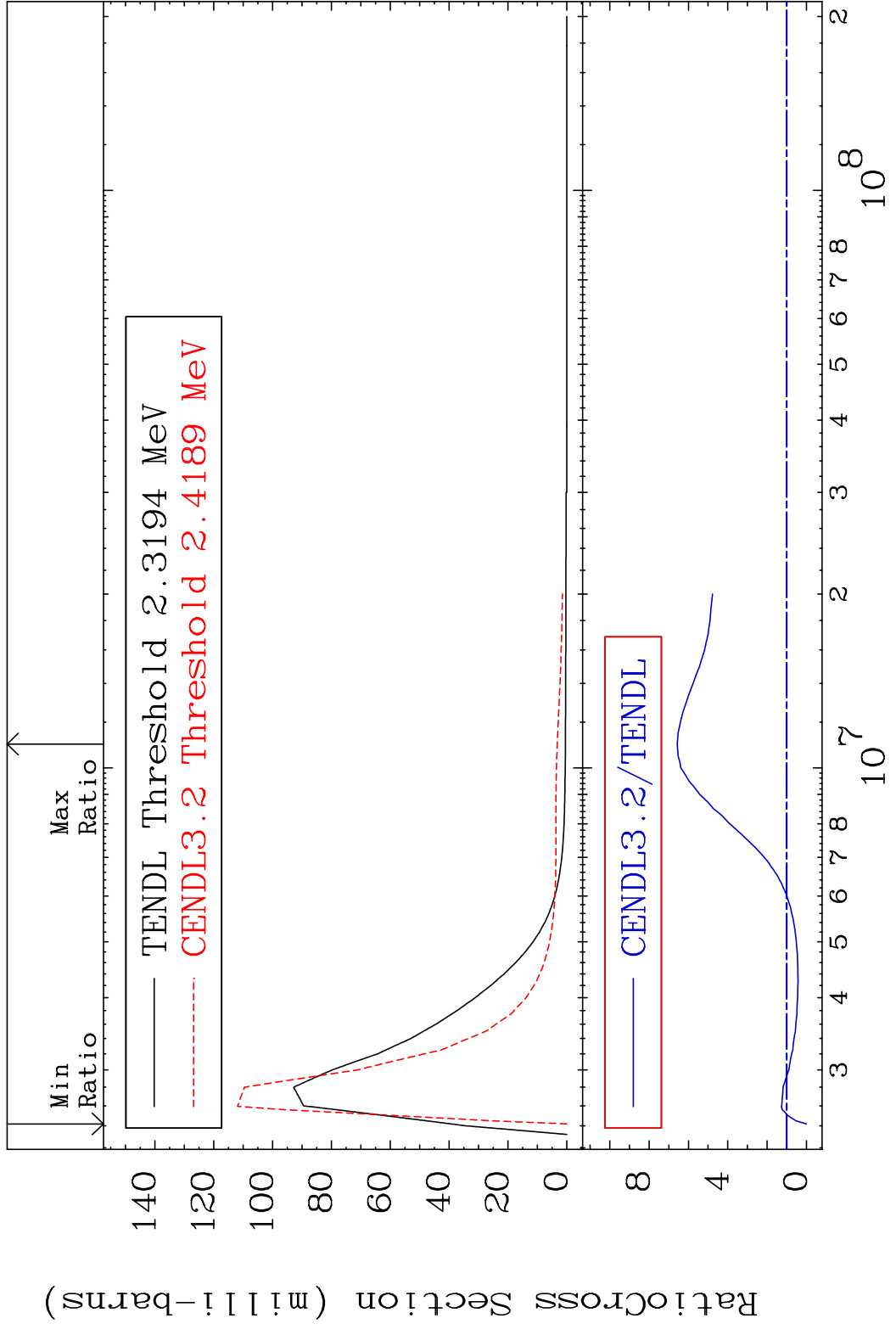
MAT 4231 MT= 55 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 848.2 %



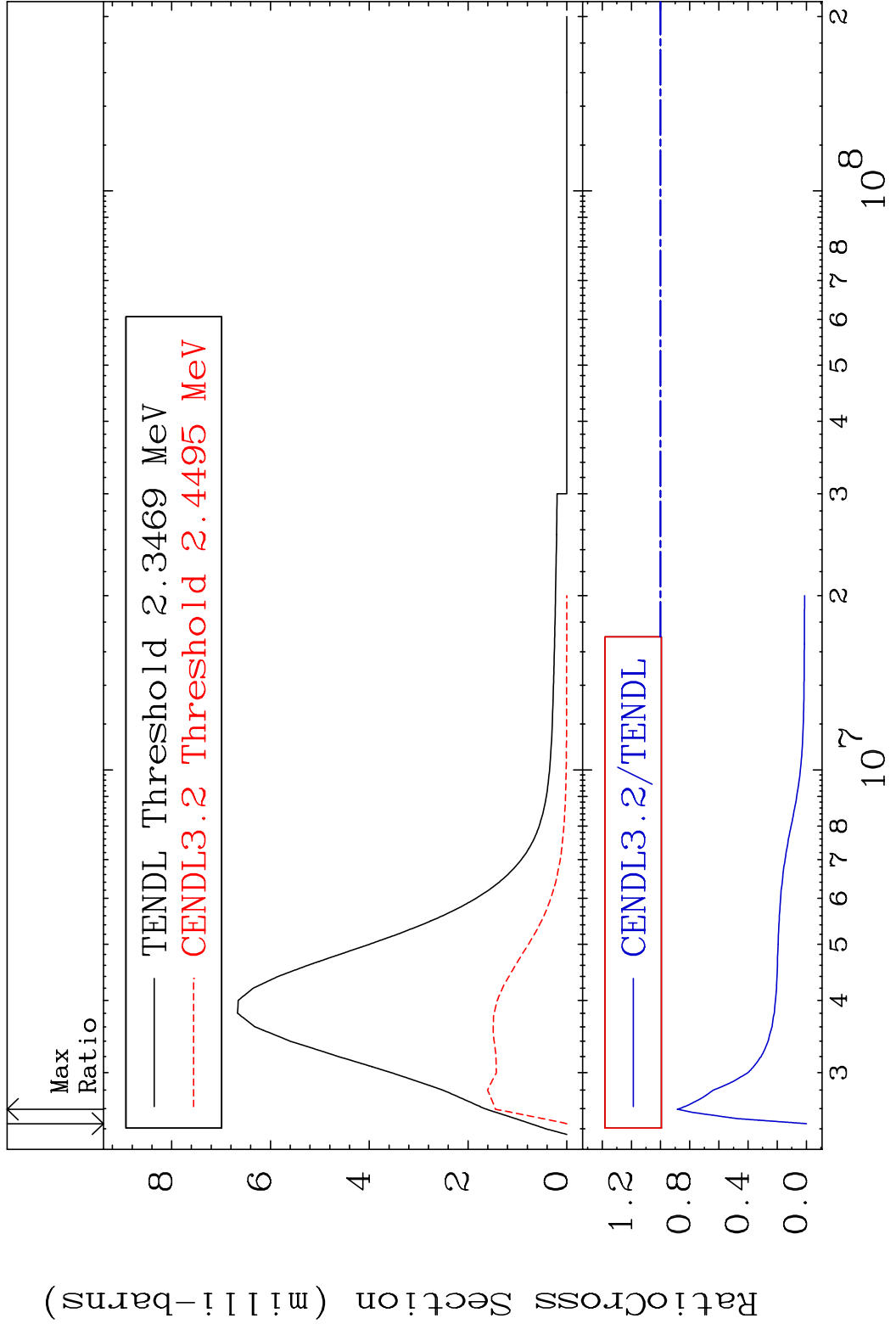
MAT 4231 MT= 56 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 9999. %



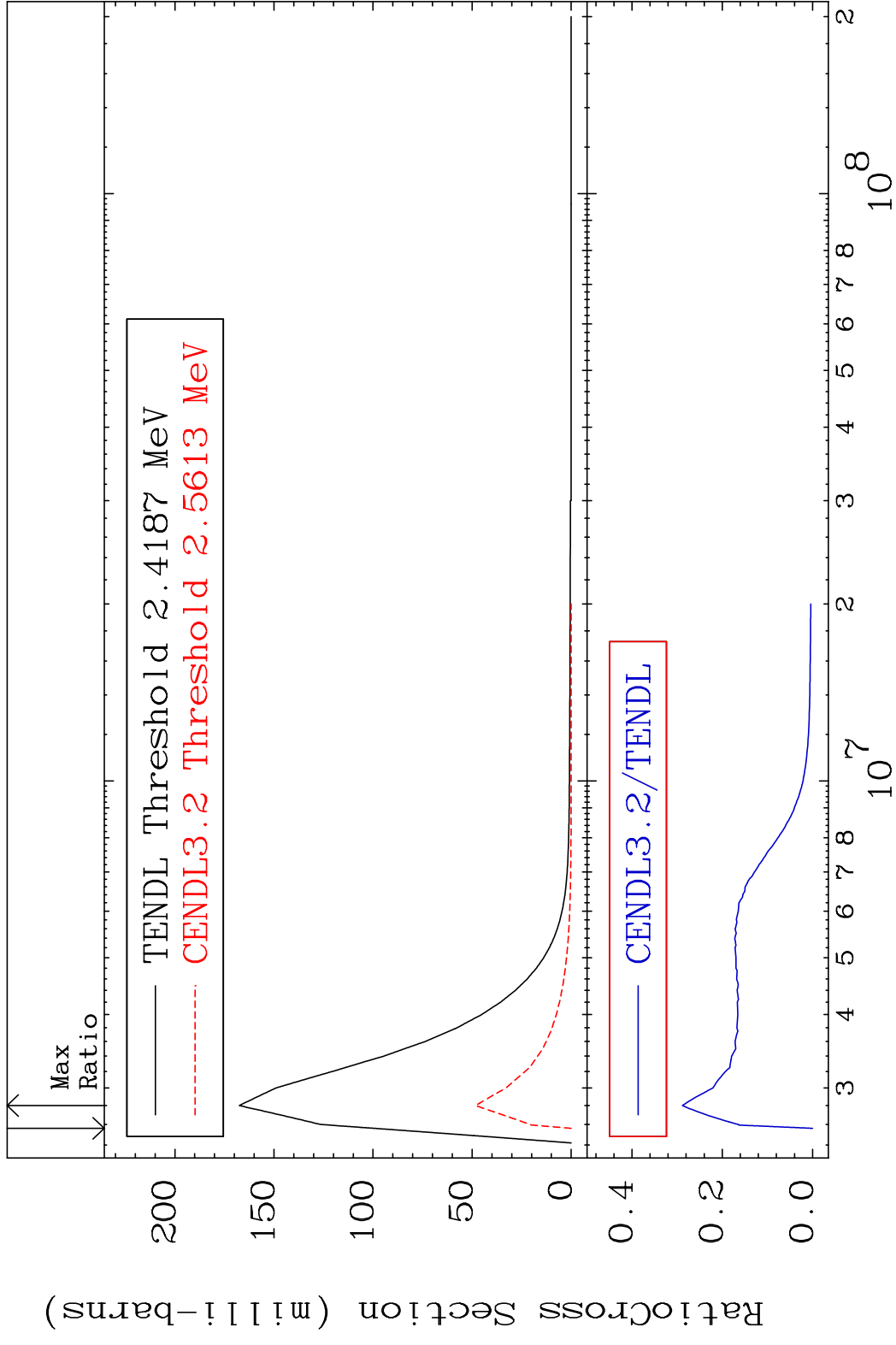
MAT 4231 MT= 57 (n, n') Level 42-Mo-94
 Cross Section -100.0 To 557.3 %



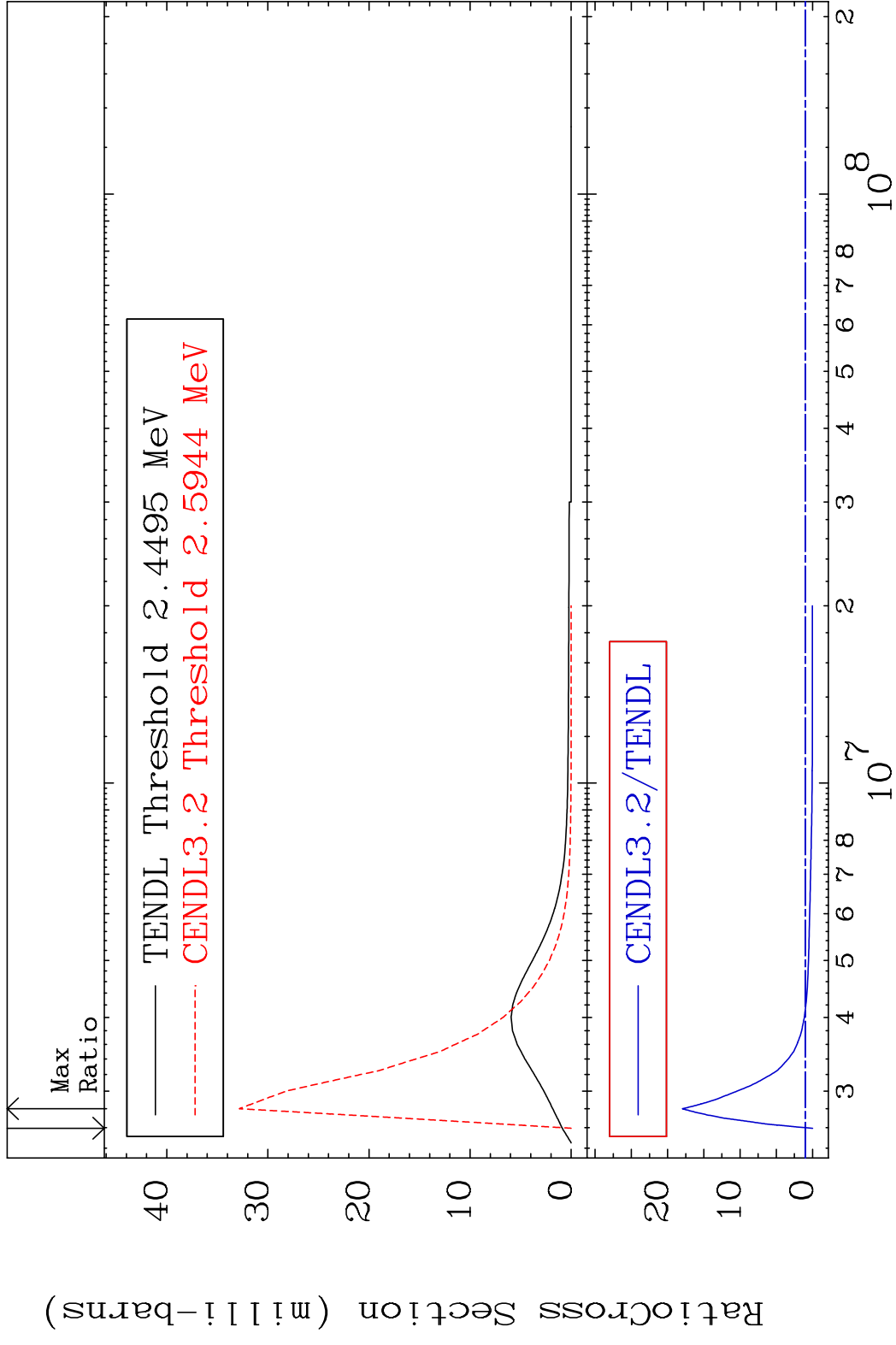
MAT 4231 MT= 58 (n,n') Level 42-Mo-94
 Cross Section -100.0 To -11.40%



MAT 4231 MT= 59 (n,n') Level 42-Mo-94
 Cross Section -100.0 To -71.16%



MAT 4231 MT= 60 (n,n') Level 42-Mo-94
 Cross Section -100.0 To 1696. %

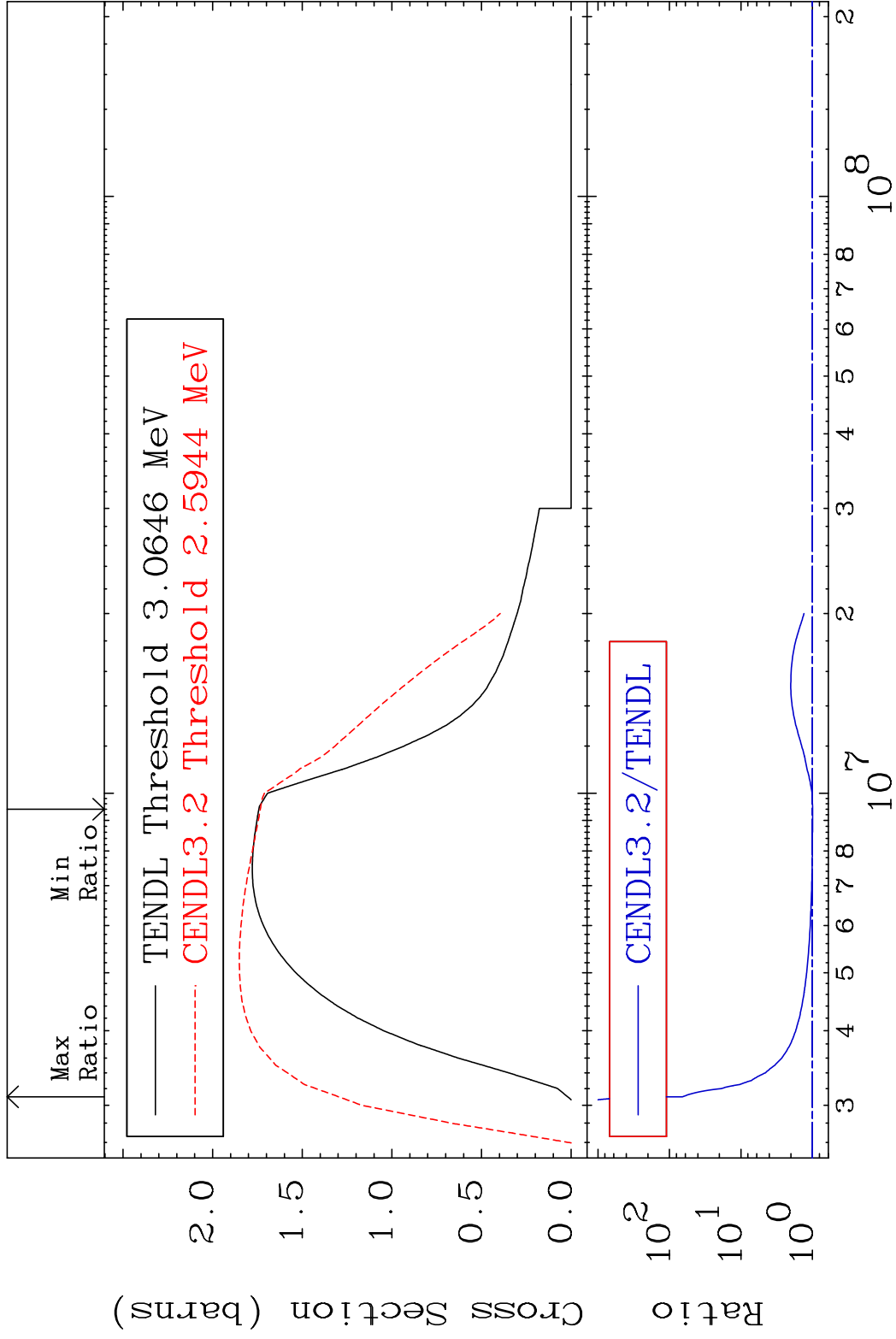


MAT 4231

(n, n') Continuum

42-Mo-94

Cross Section -0.473 To 6493. %



17

Incident Energy (eV)

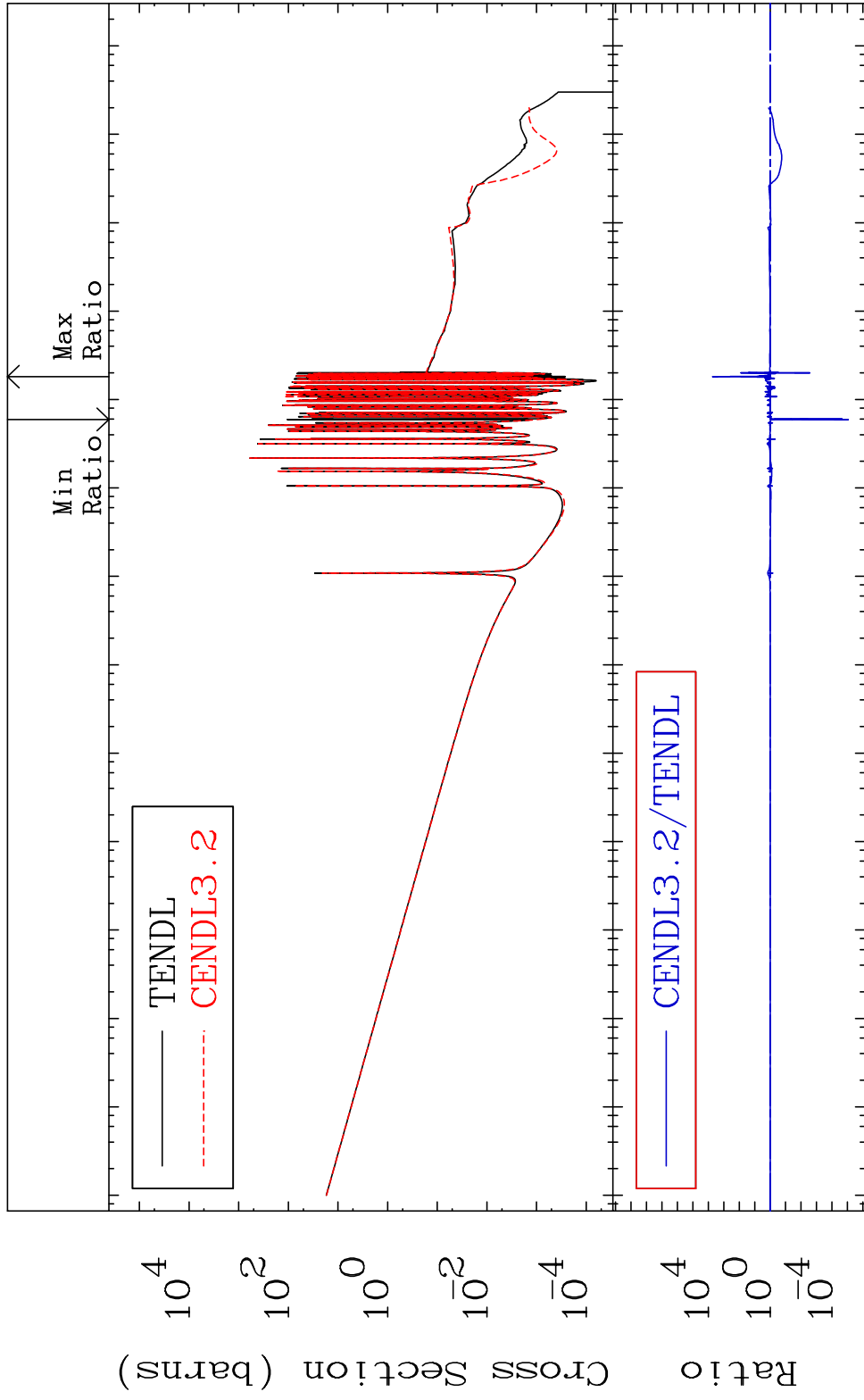
42-Mo-94

MAT 4231

(n, γ)

42-Mo-94

Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

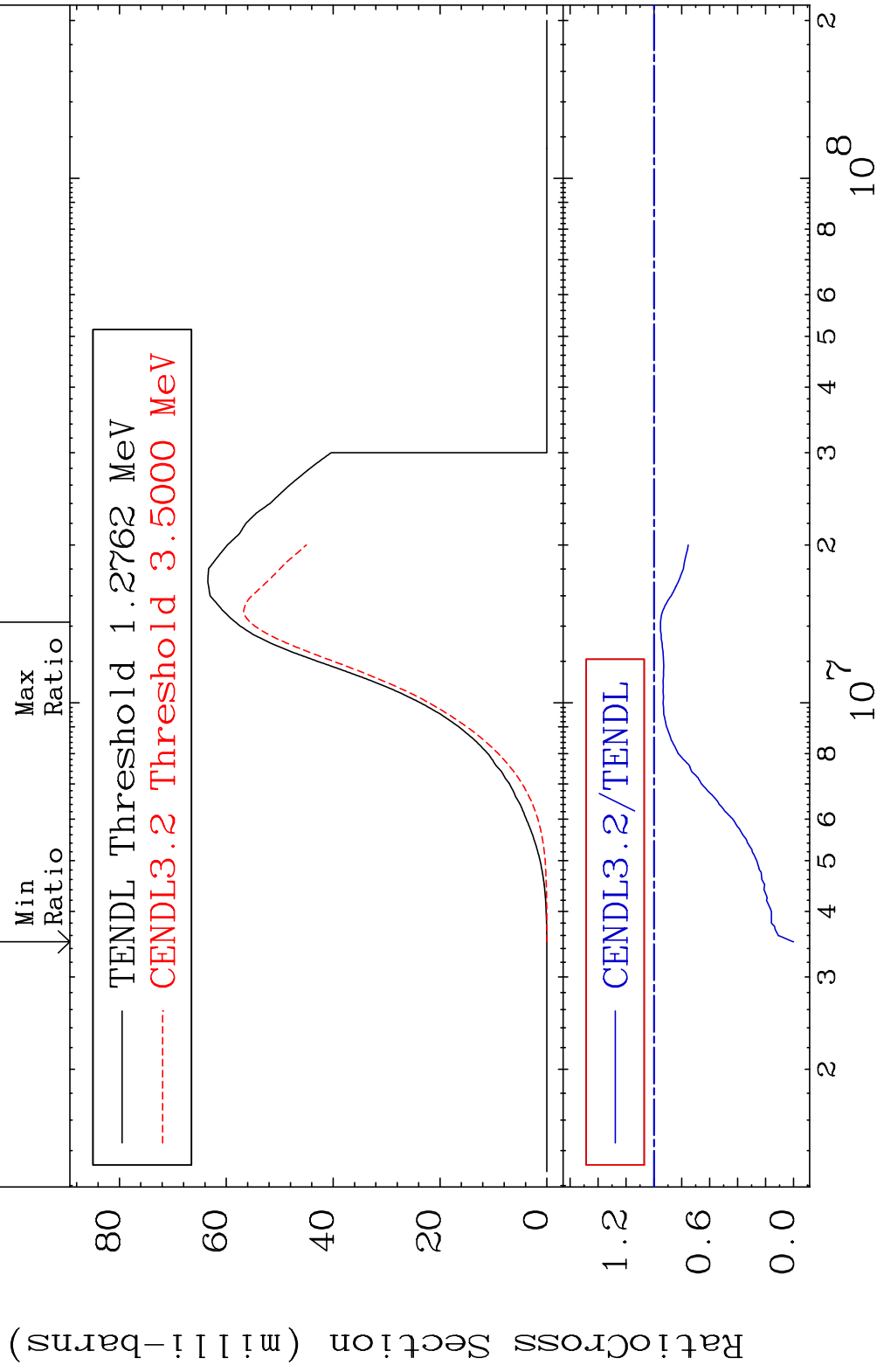
42-Mo-94

MAT 4231

(n, p)

42-Mo-94

Cross Section -100.0 To -4.702%



19

Incident Energy (eV)

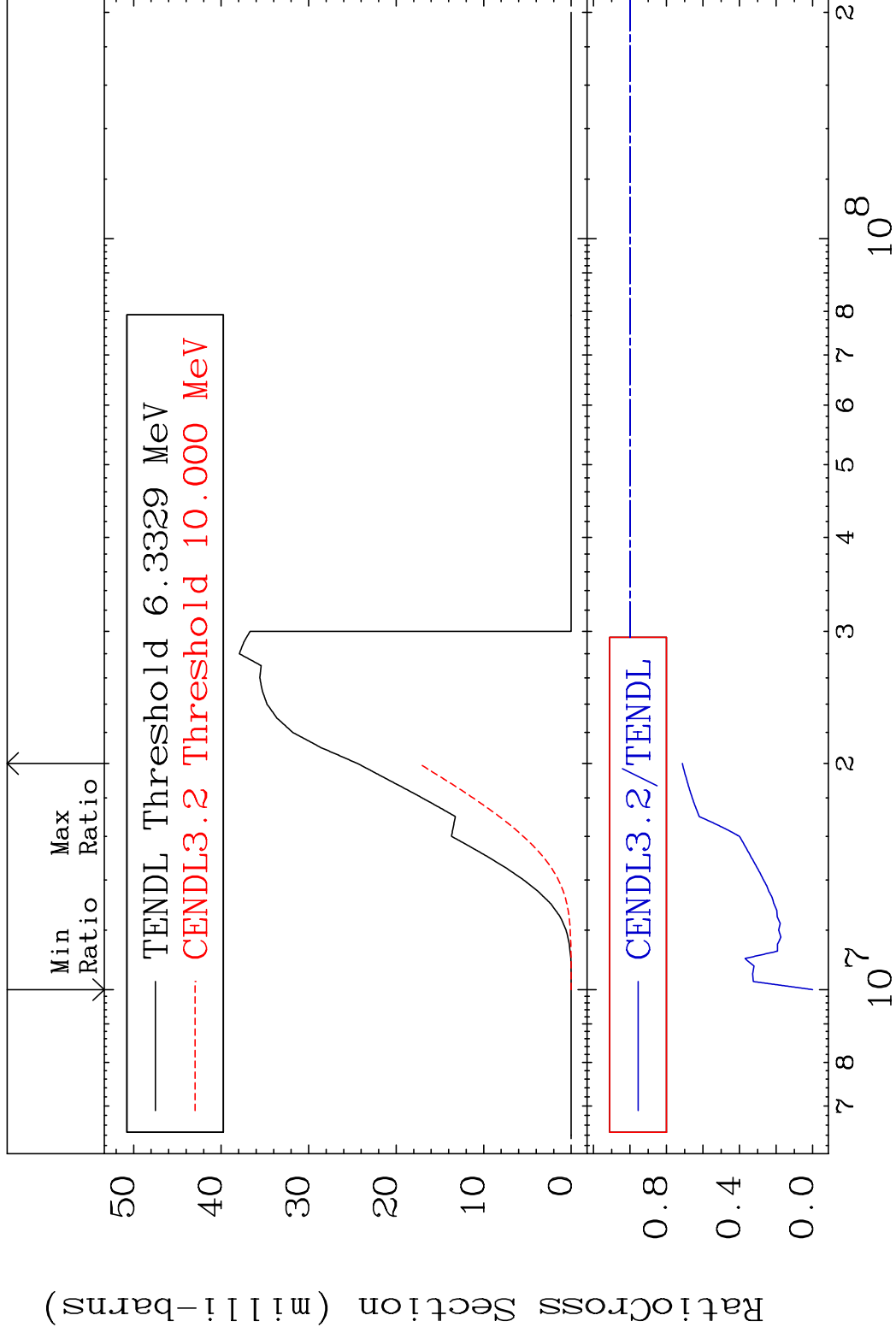
42-Mo-94

MAT 4231

(n, d)

42-Mo-94

Cross Section -100.0 To -28.72%



20

Incident Energy (eV)

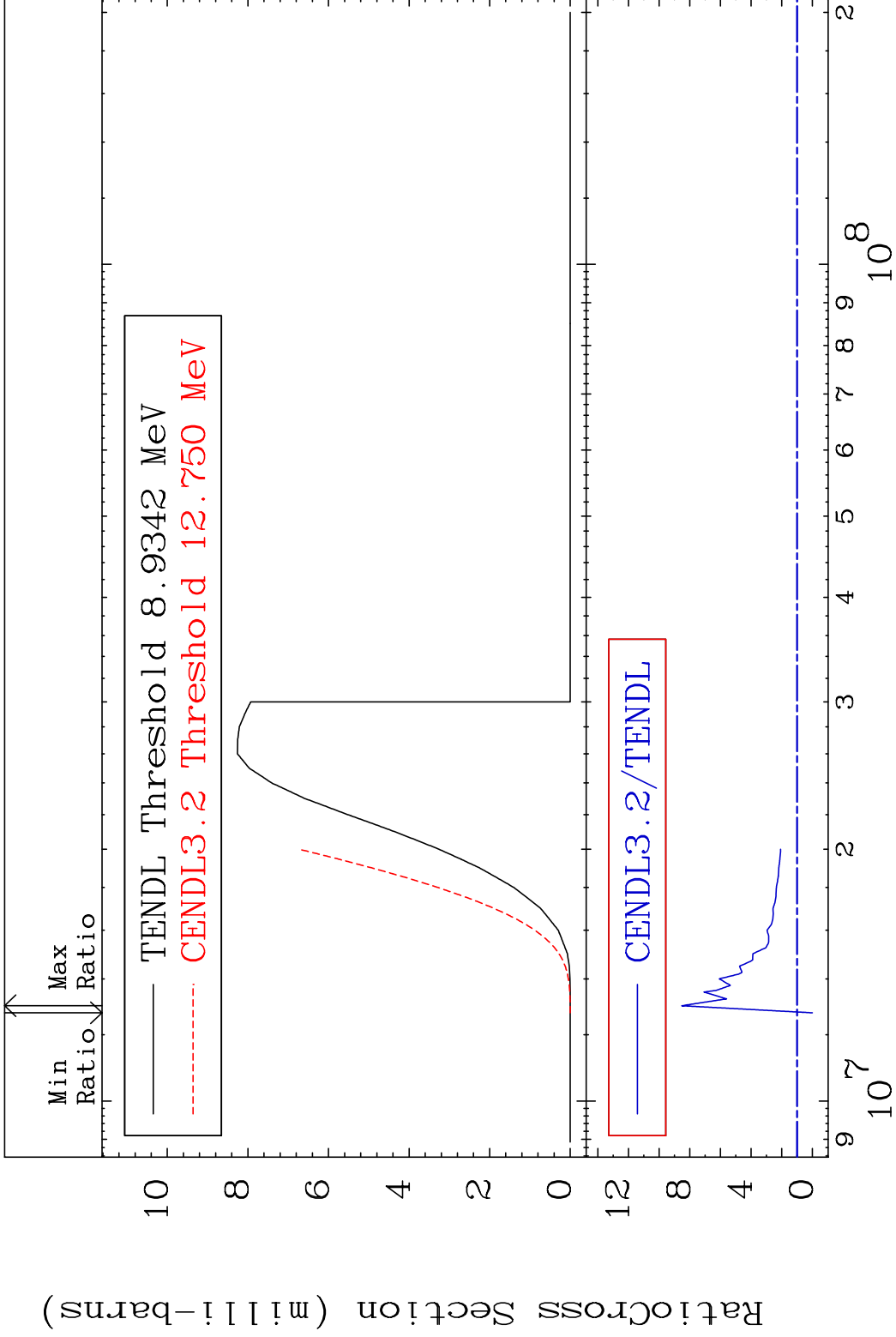
42-Mo-94

MAT 4231

(n, t)

42-Mo-94

Cross Section -100.0 To 752.6 %



21

Incident Energy (eV)

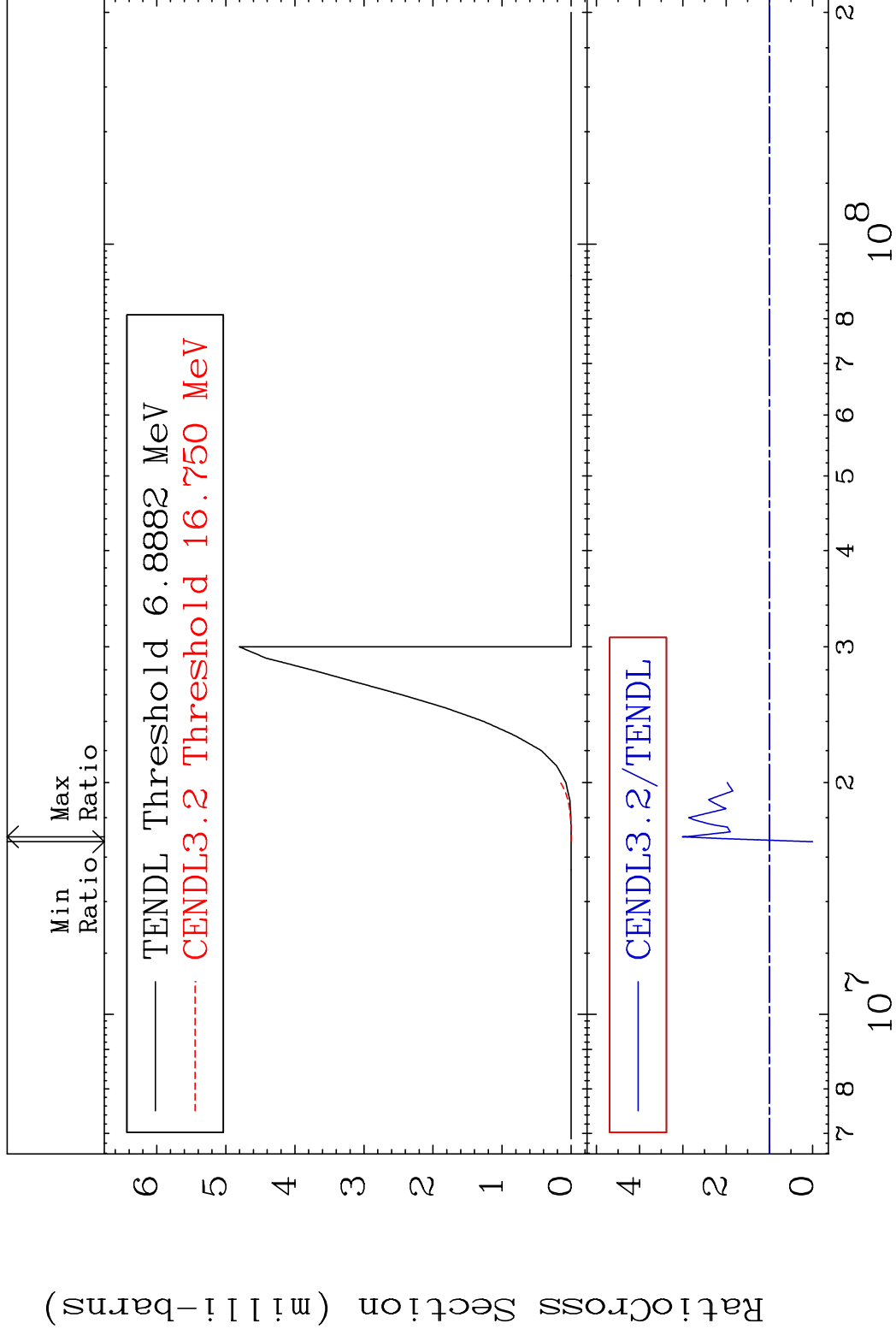
42-Mo-94

MAT 4231

(n, He-3)

42-Mo-94

Cross Section -100.0 To 201.2 %



22

Incident Energy (eV)

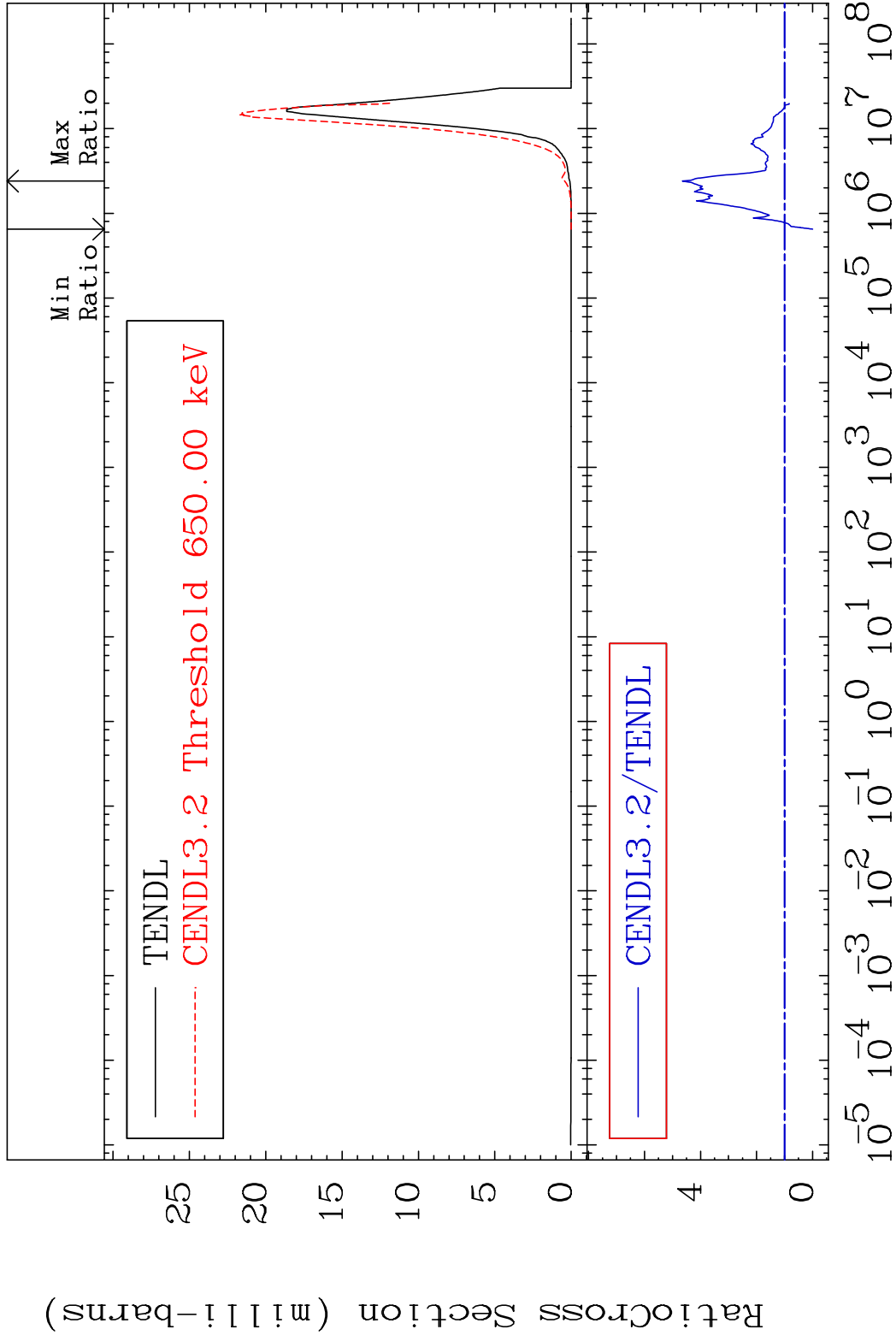
42-Mo-94

MAT 4231

(n, α)

42-Mo-94

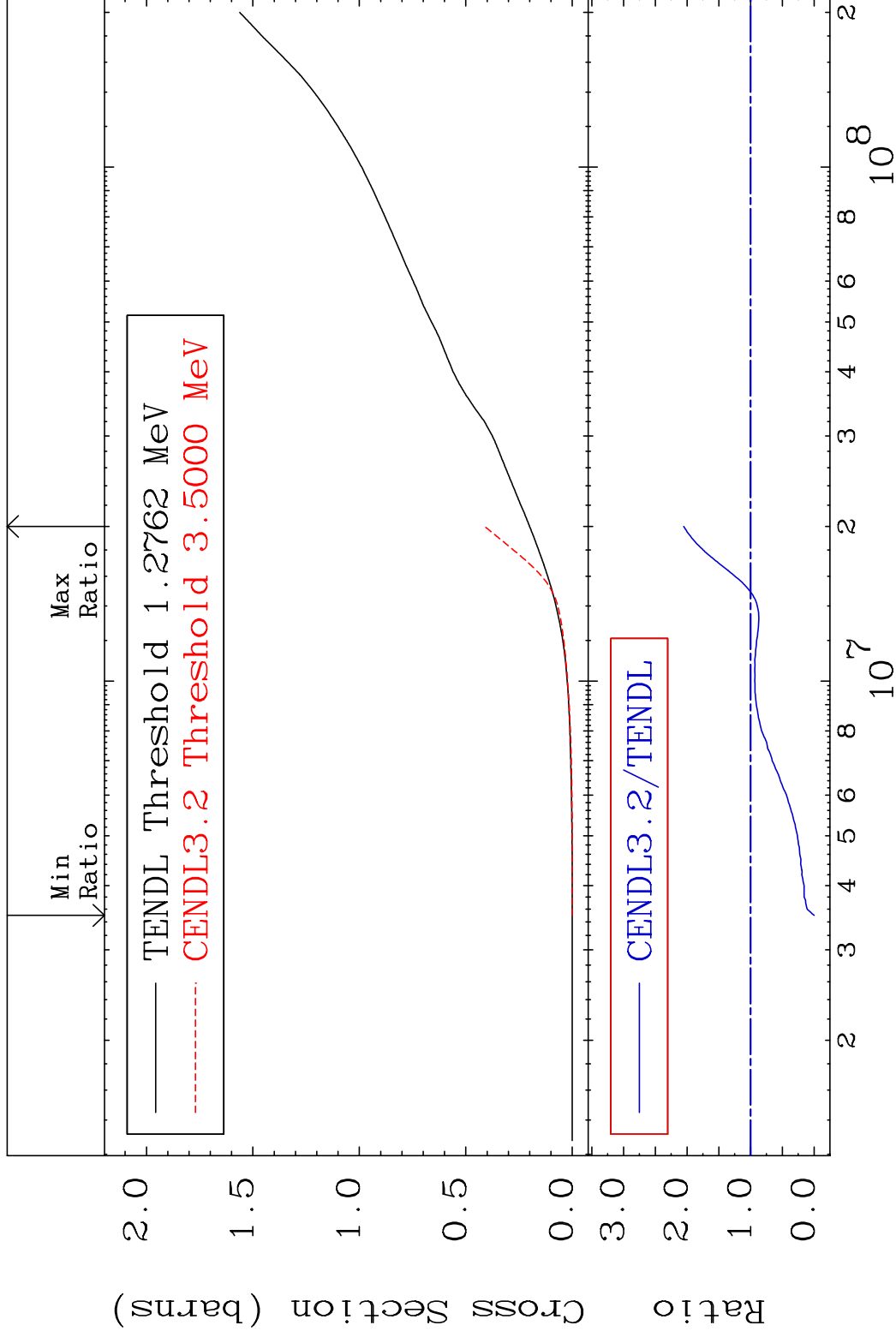
Cross Section -100.0 To 364.9 %



MAT 4231

Hydrogen Production
Cross Section -100.0 To 105.3 %

42-Mo-94



24

Incident Energy (eV)

42-Mo-94

MAT 4231 Deuterium Production 42-Mo-94
 Cross Section -100.0 To -28.91%

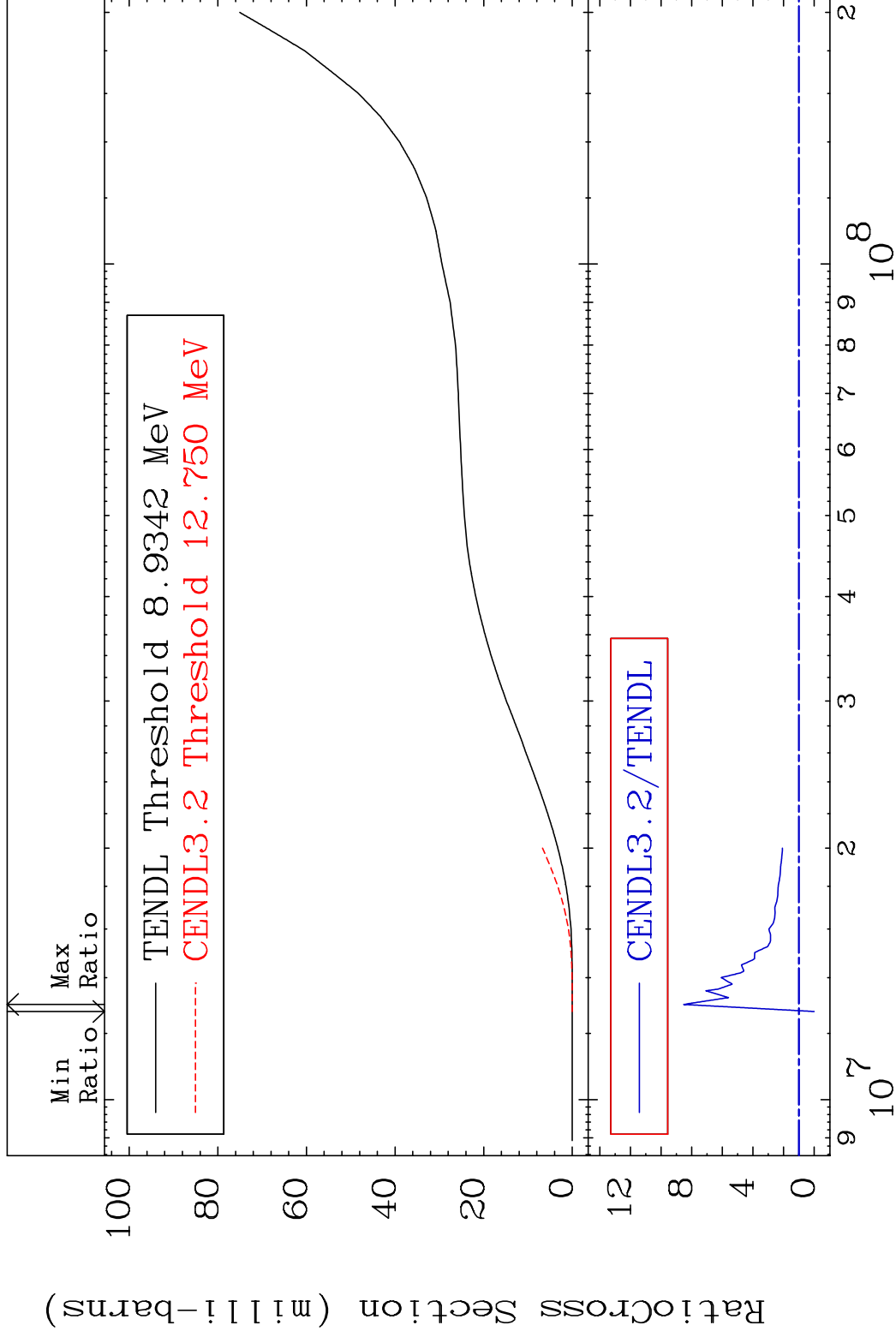


MAT 4231

Tritium Production

42-Mo-94

Cross Section -100.0 To 752.6 %



26

Incident Energy (eV)

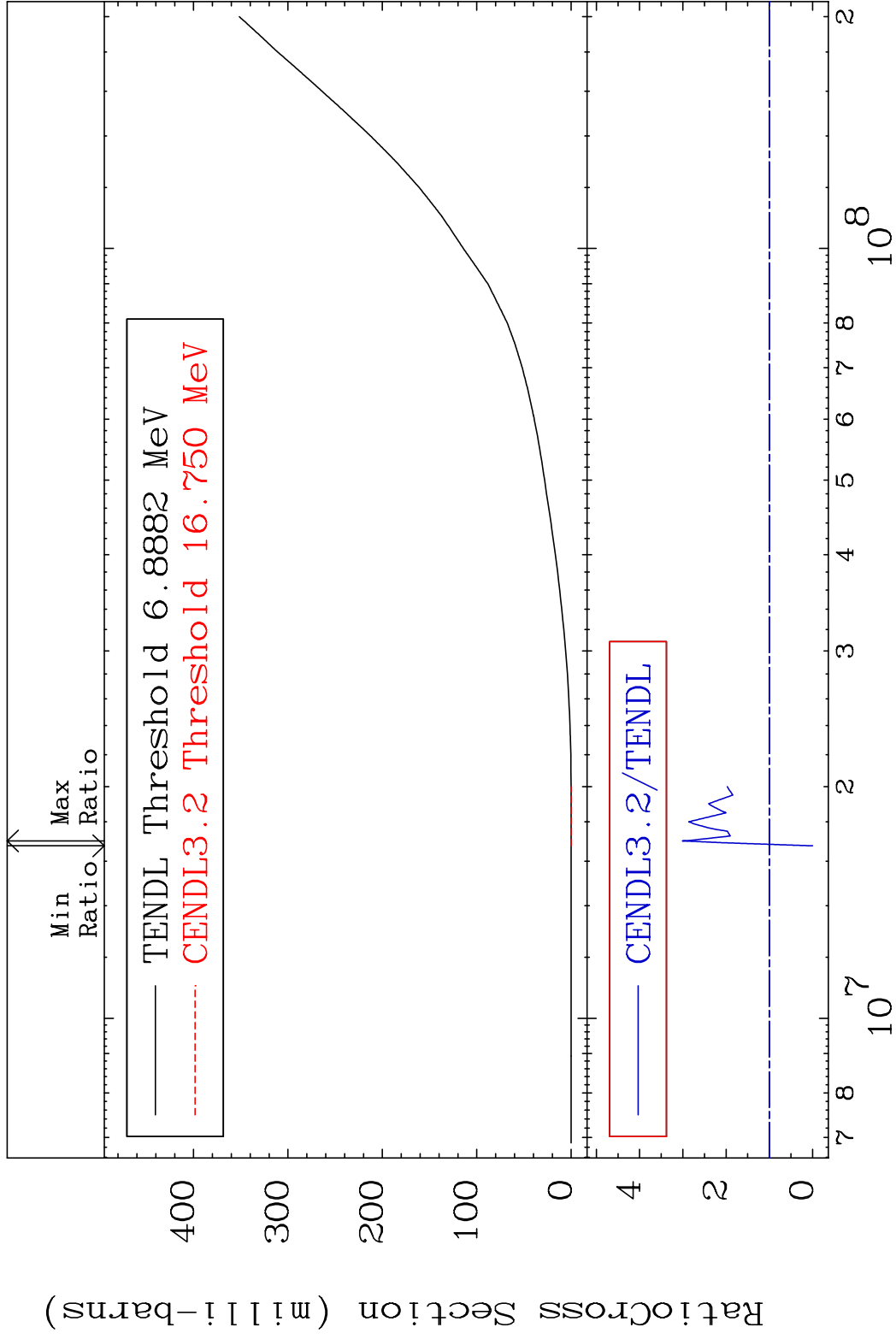
42-Mo-94

MAT 4231

He-3 Production

42-Mo-94

Cross Section -100.0 To 201.2 %



27

Incident Energy (eV)

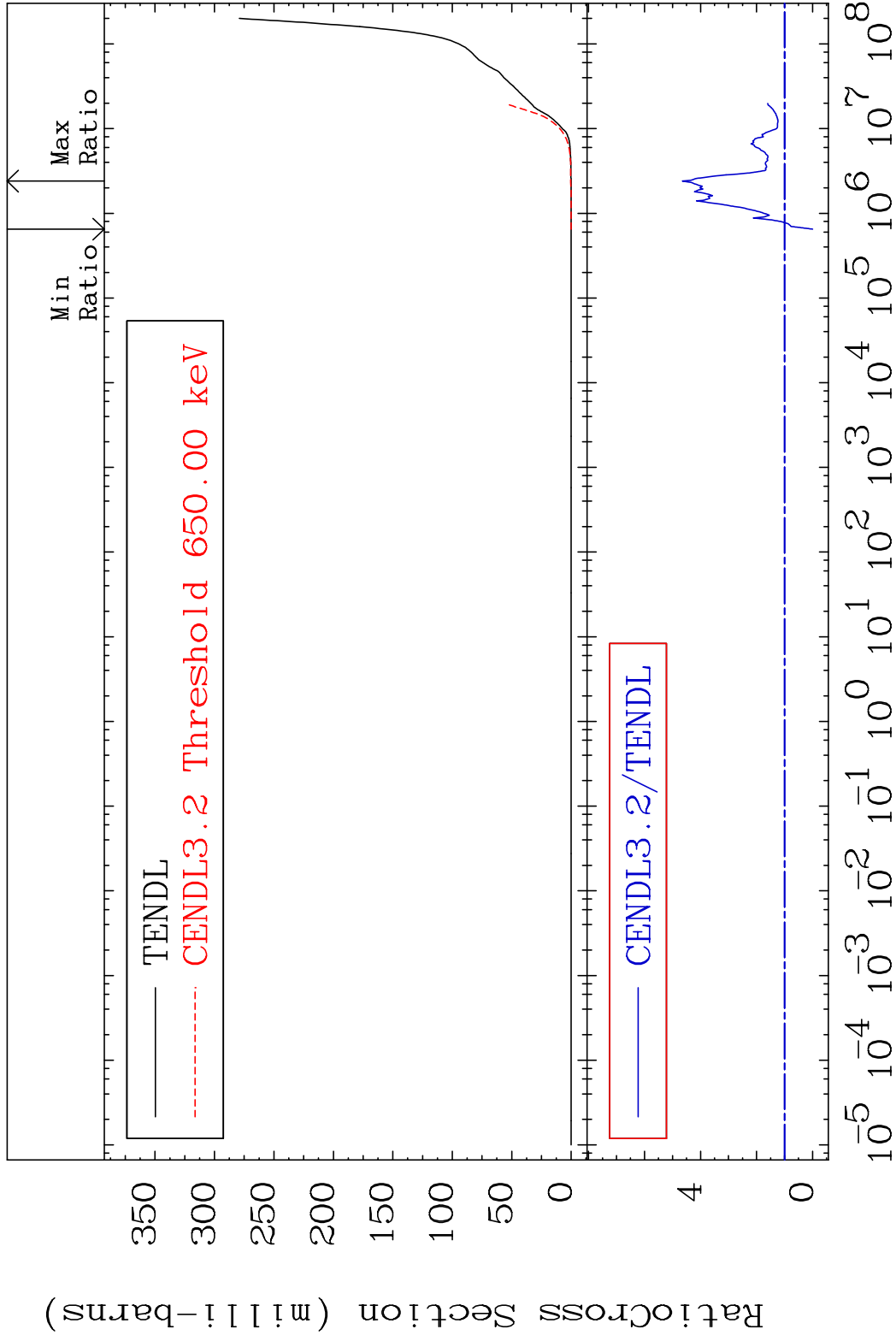
42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 364.9 %

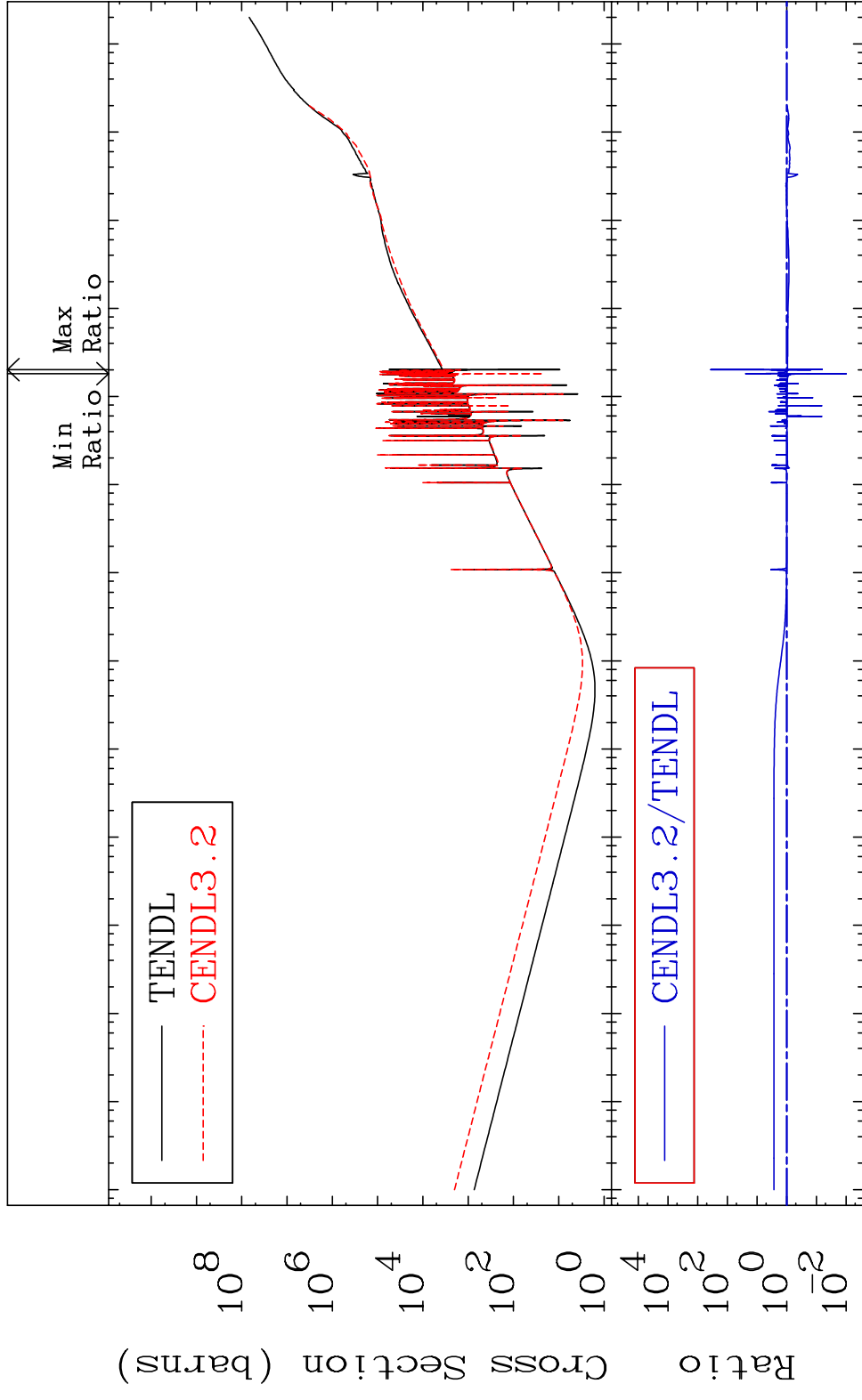


28

Incident Energy (eV)

42-Mo-94

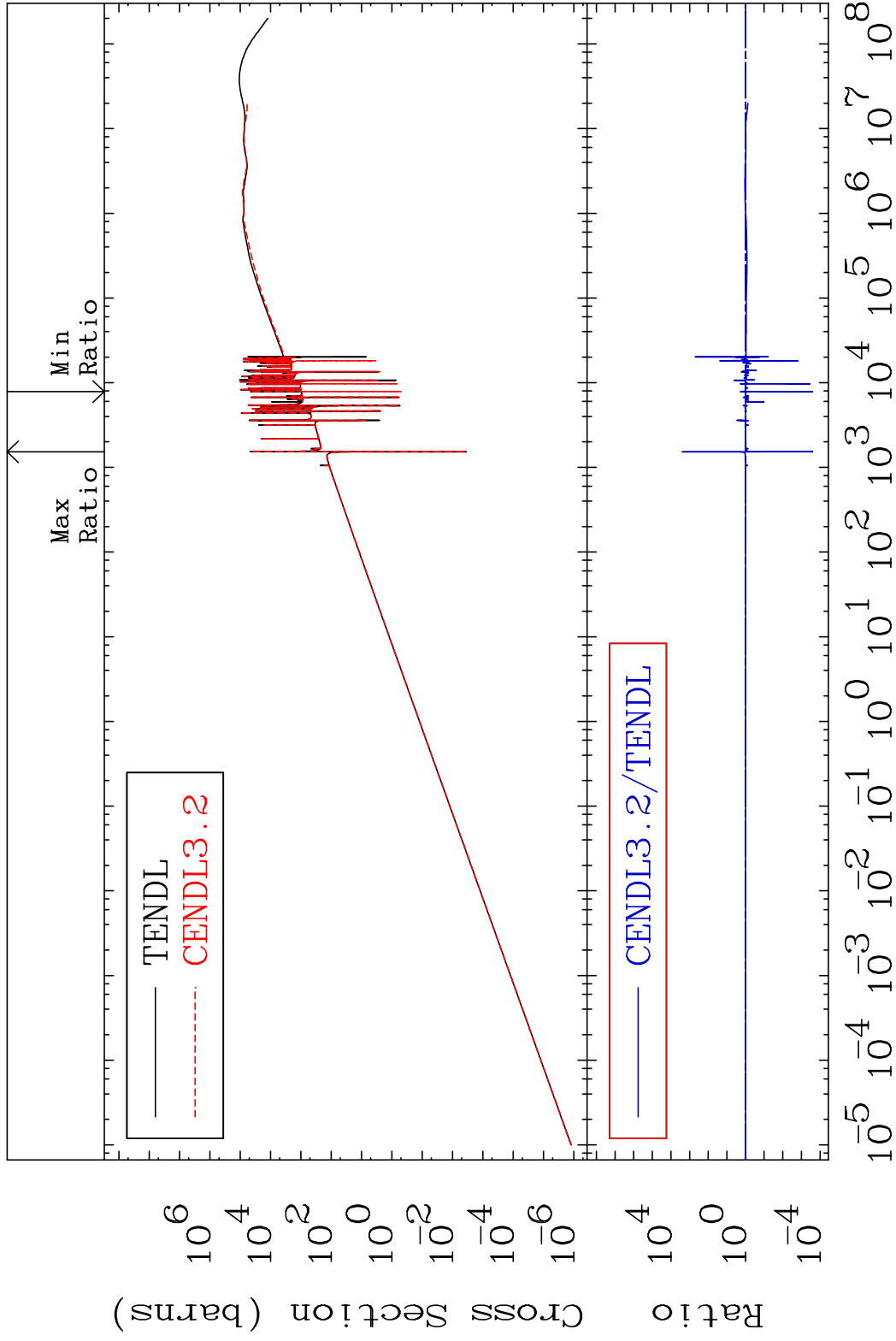
MAT 4231 Kerma total (eV-barns) 42-Mo-94
 Cross Section -99.02 To 9999. %



MAT 4231

Kerma elastic
Cross Section

42-Mo-94
-99.97 To 9999. %

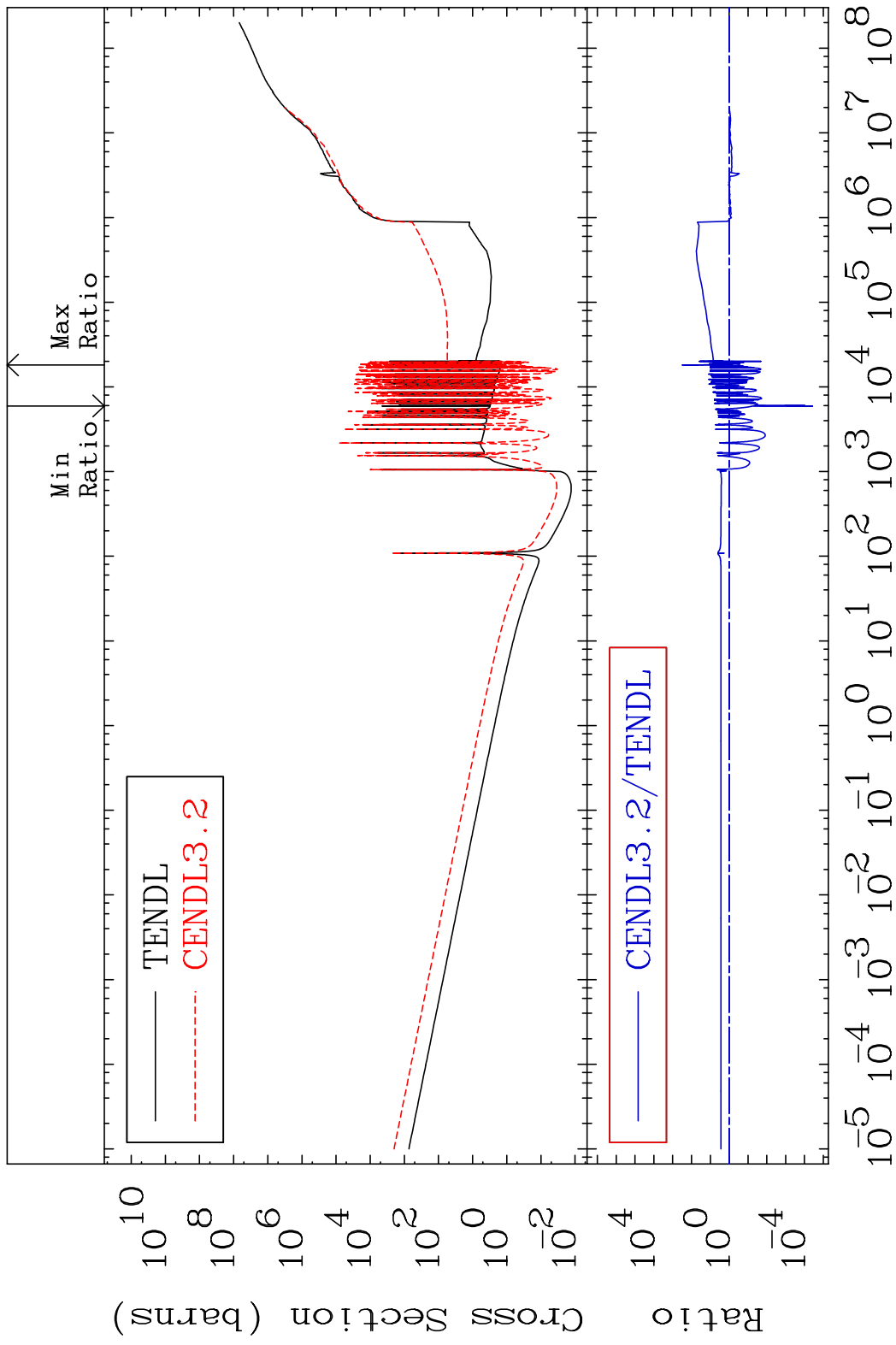


30

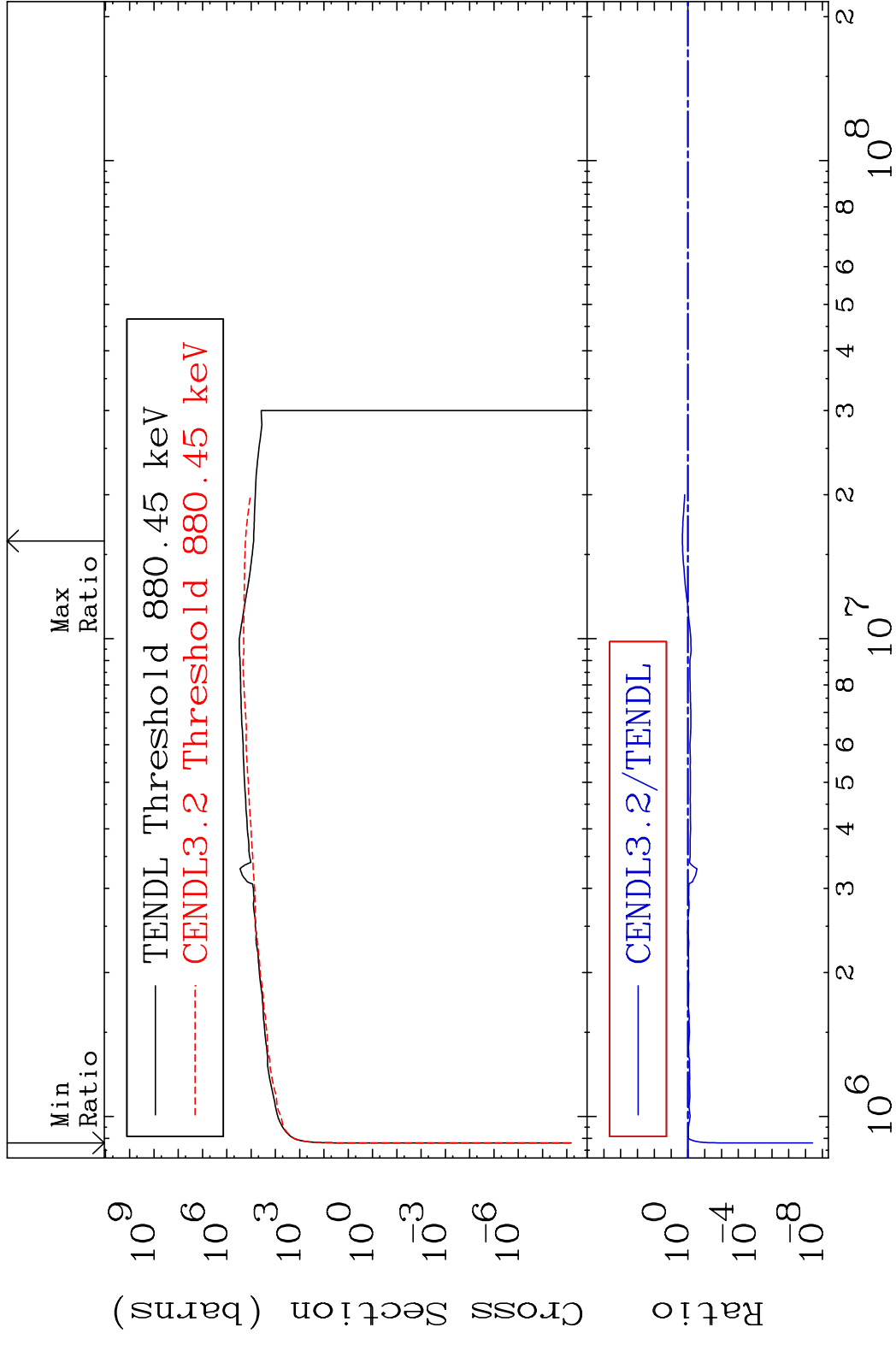
Incident Energy (eV)

42-Mo-94

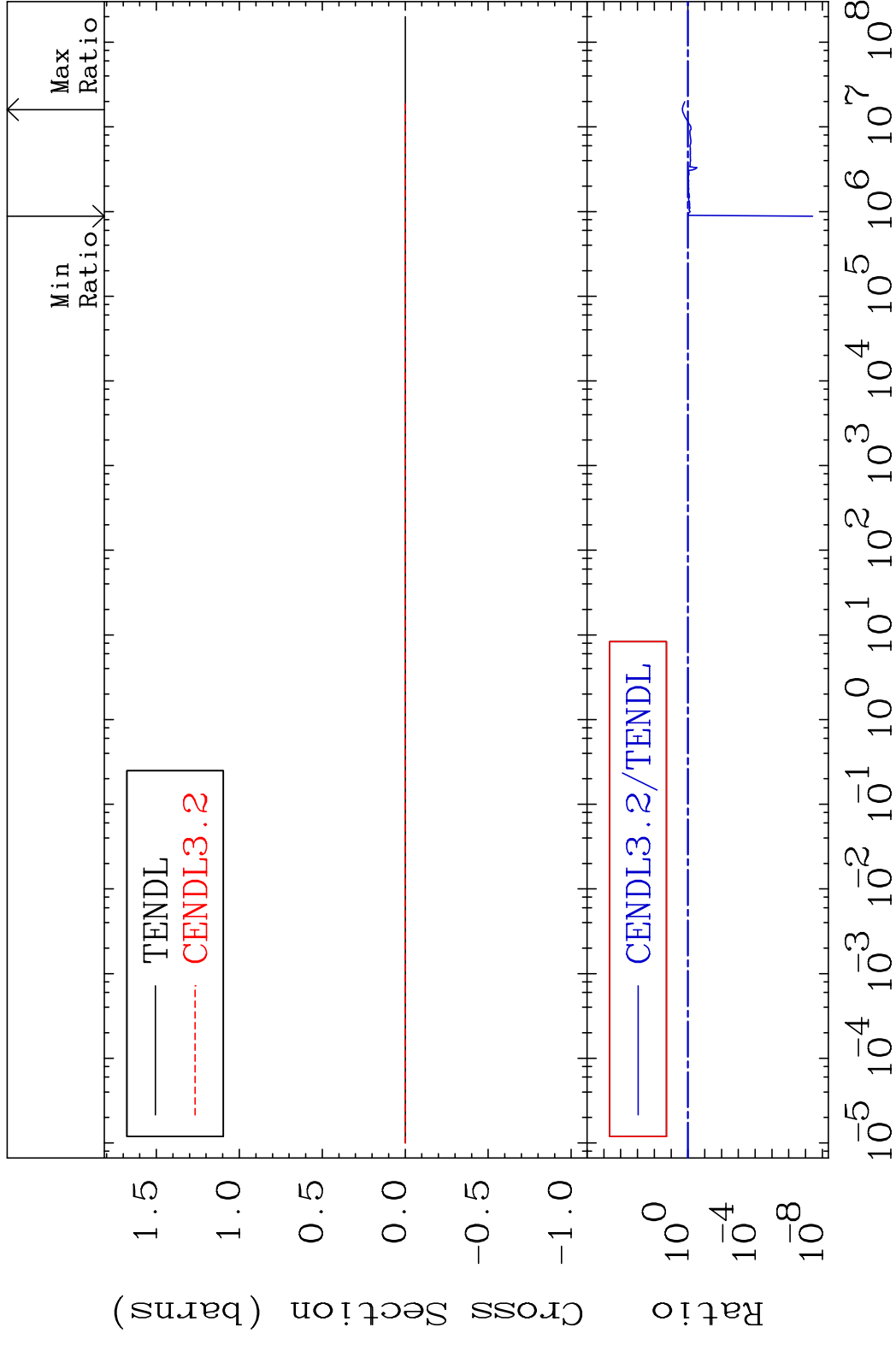
MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -100.0 To 9999. %



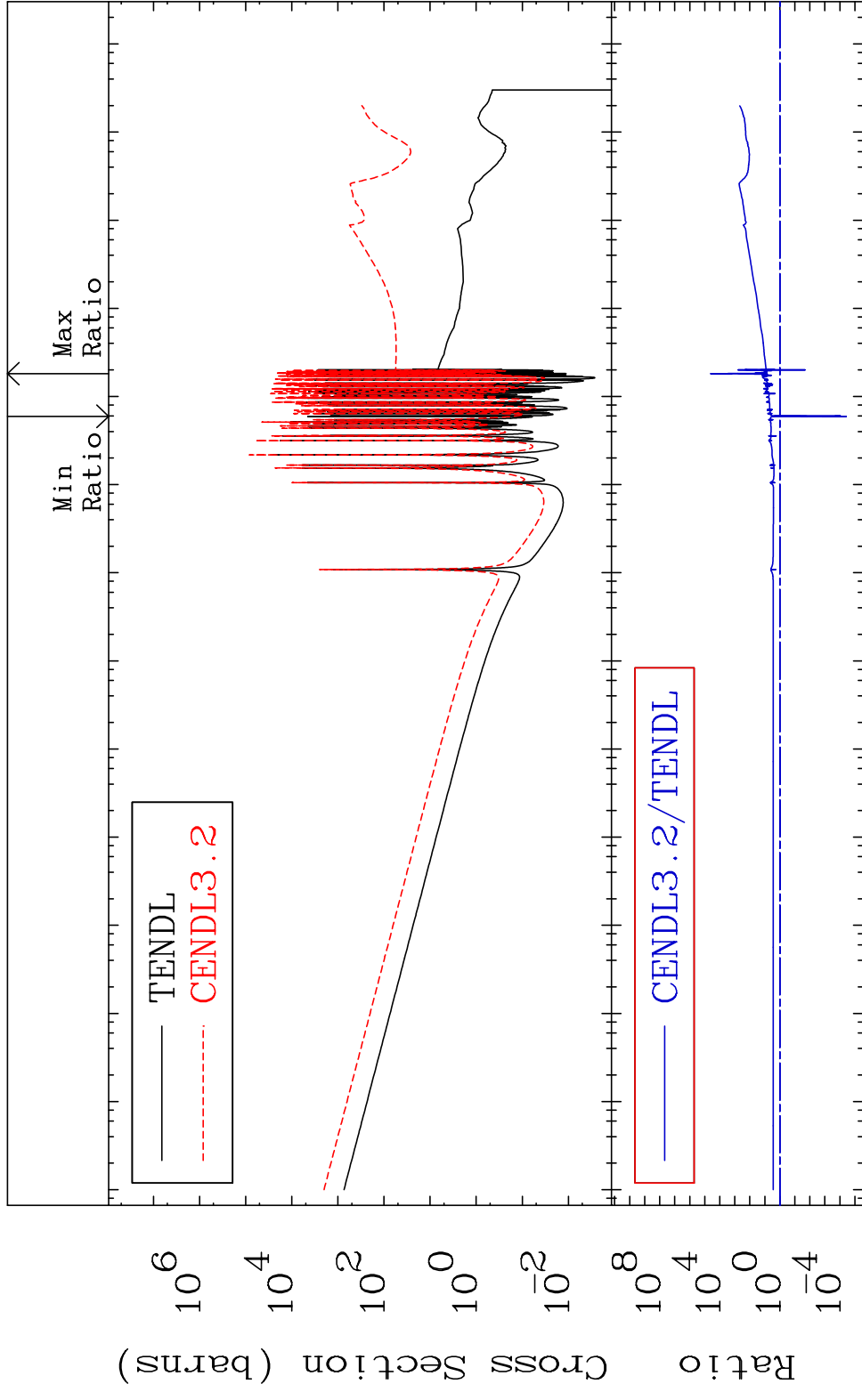
MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 114.3 %



MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 114.3 %

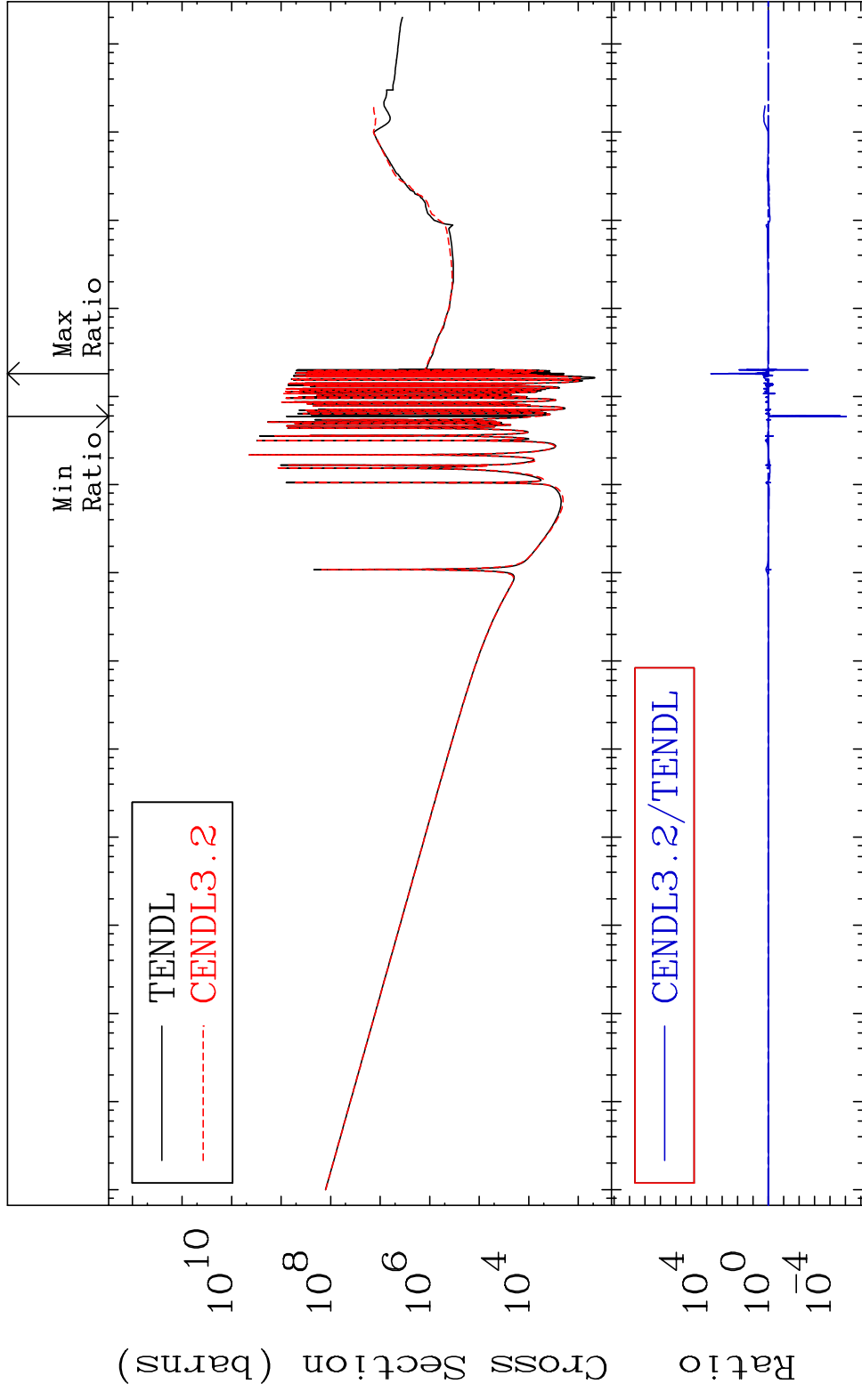


MAT 4231 Kerma capture (mt102) 42-Mo-94
 Cross Section -100.0 To 9999. %



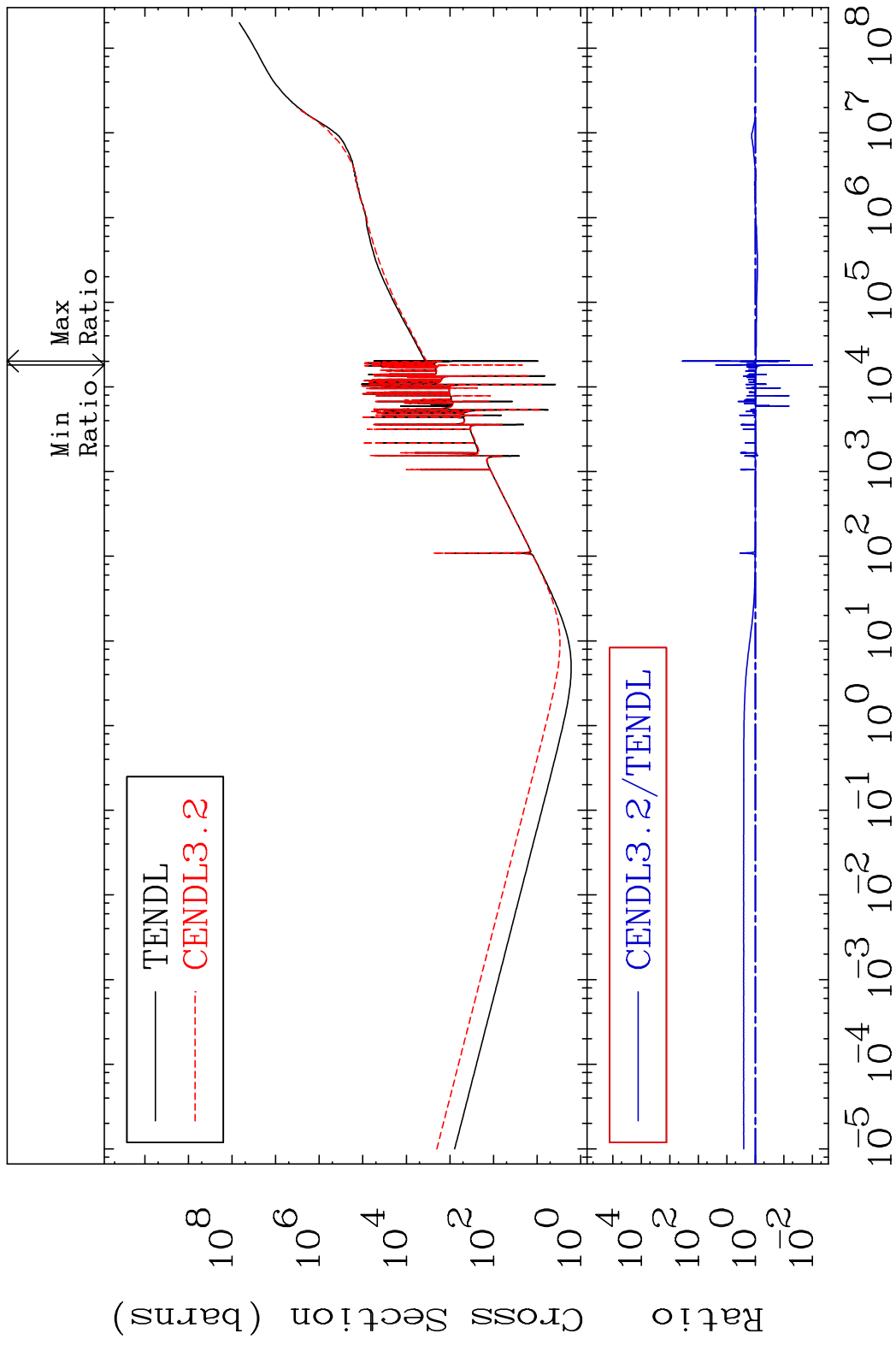
34 Incident Energy (eV) 42-Mo-94

MAT 4231 Total photon (eV-barns) 42-Mo-94
 Cross Section -100.0 To 9999. %

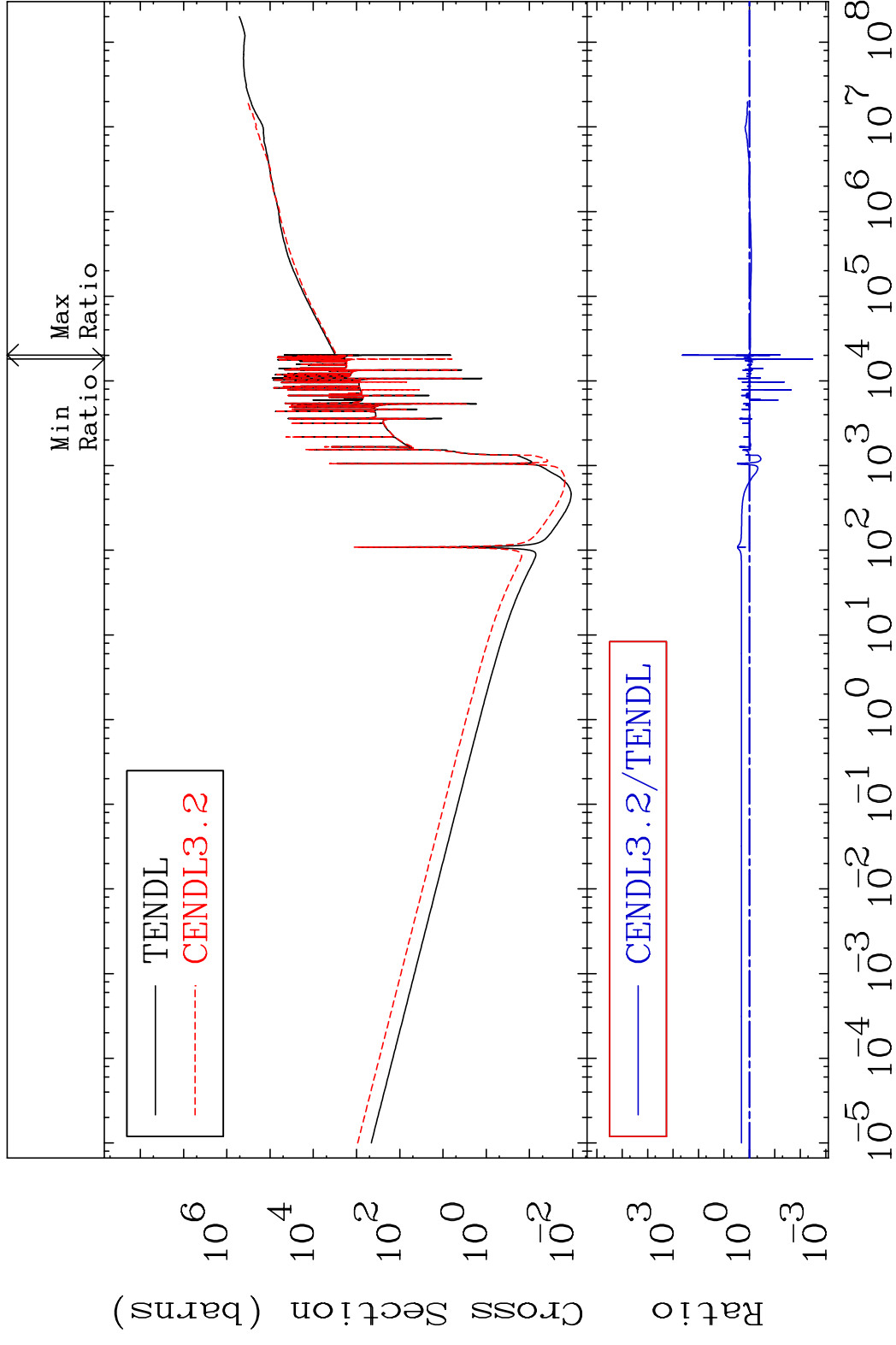


35 Incident Energy (eV) 42-Mo-94

MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -99.02 To 9999. %



MAT 4231 Dpa total (eV-barns) 42-Mo-94
 Cross Section -99.67 To 9999. %

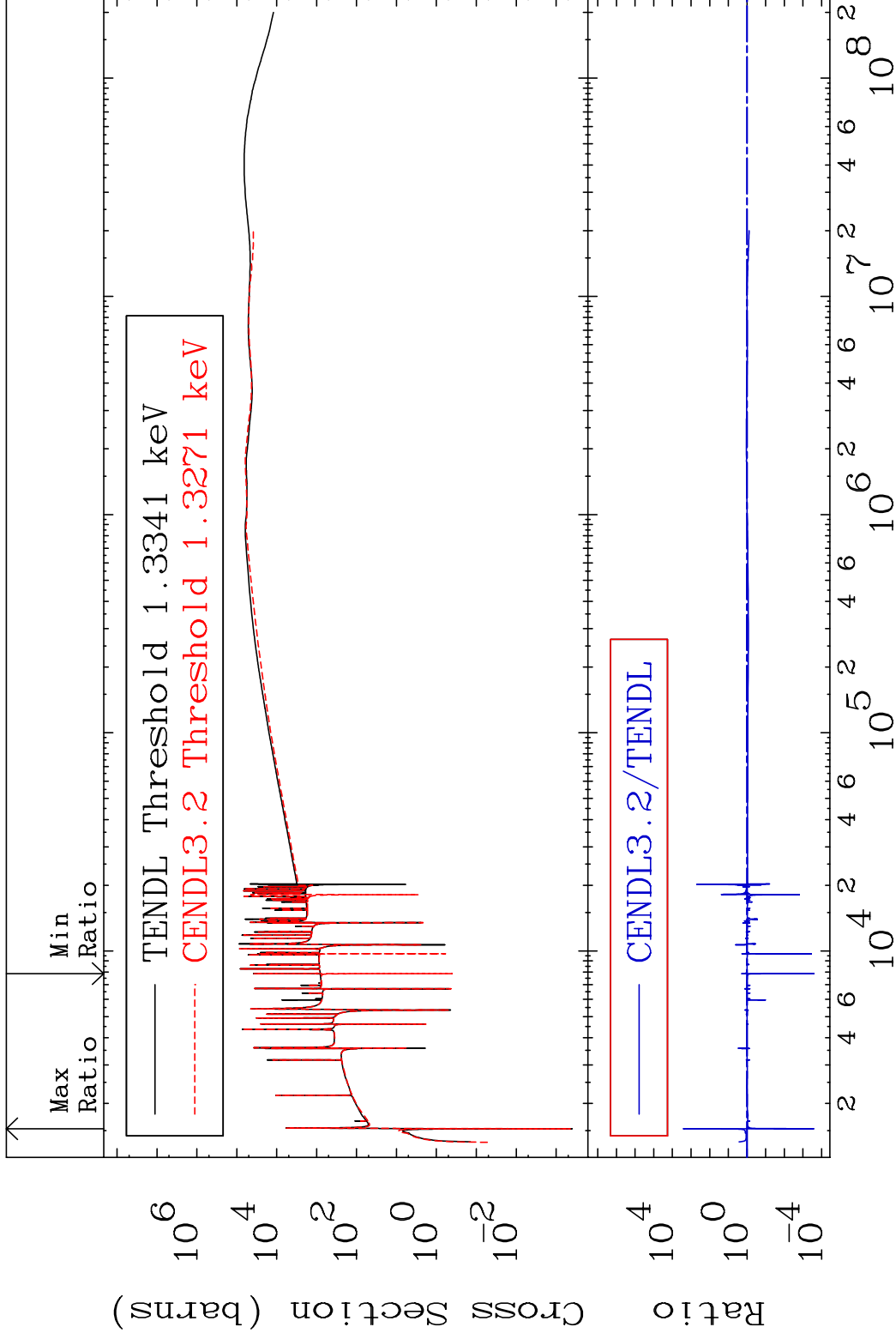


MAT 4231

Dpa elastic (mt2)

42-Mo-94

Cross Section -99.97 To 9999. %

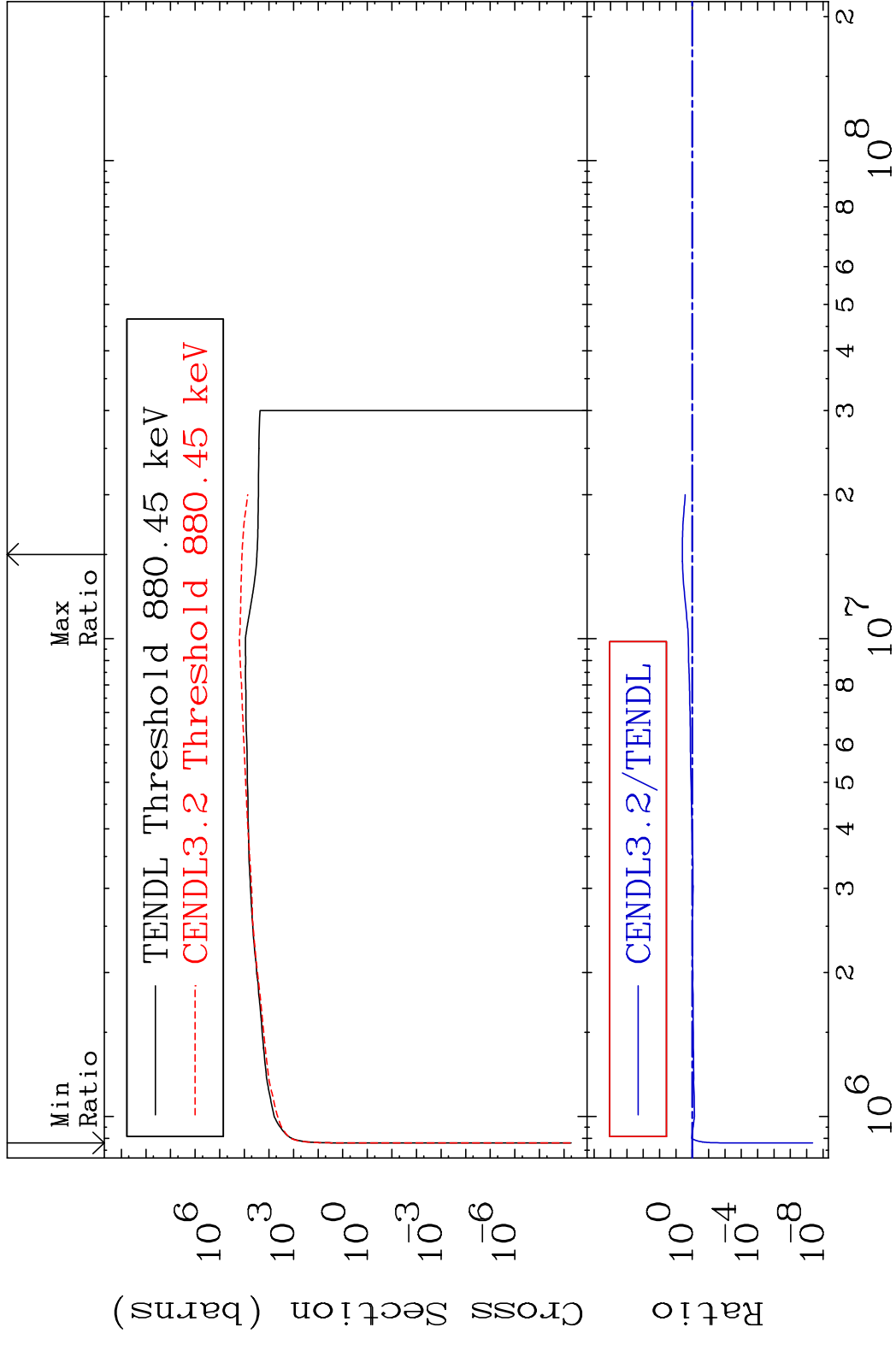


38

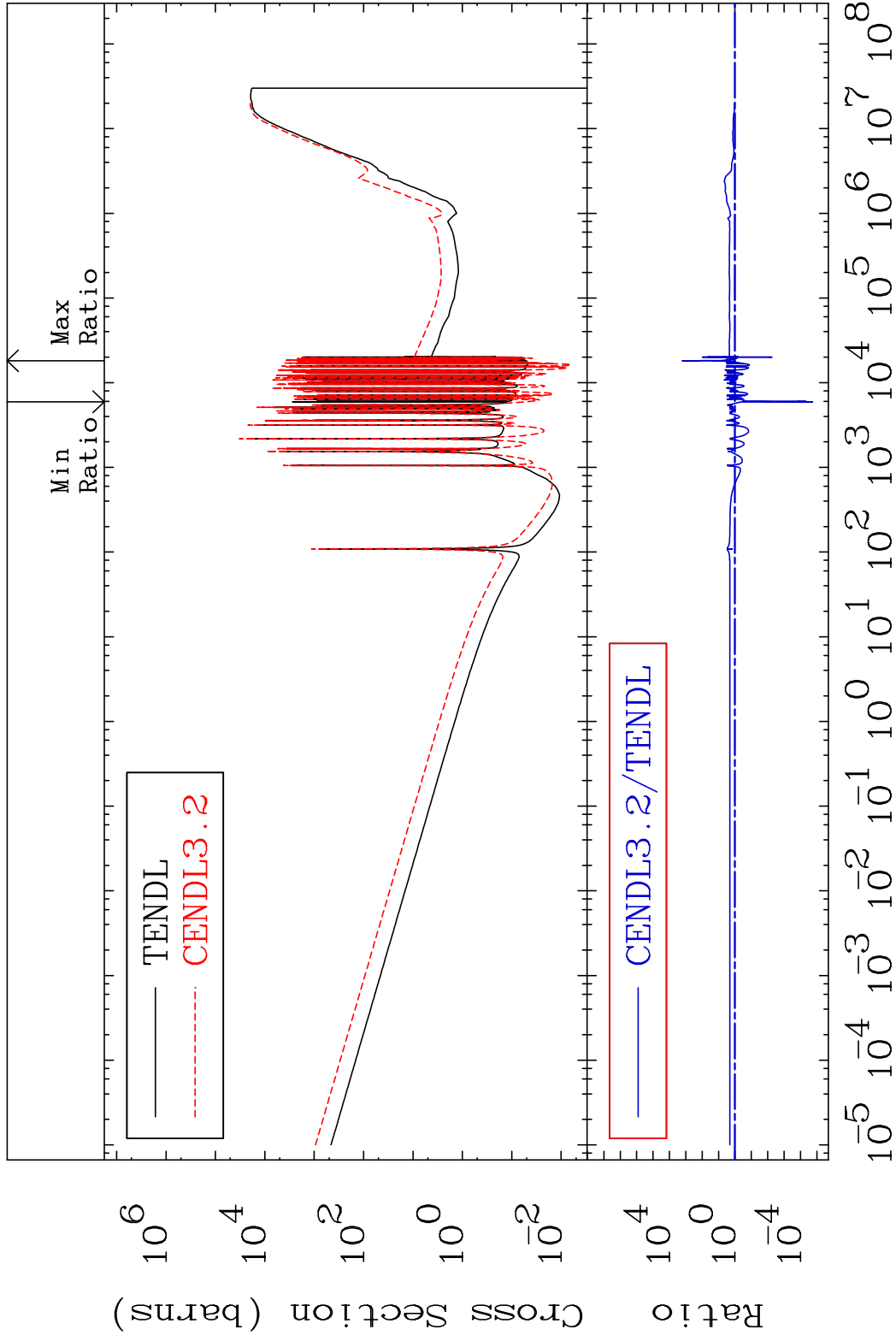
Incident Energy (eV)

42-Mo-94

MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 305.1 %



MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
 Cross Section -100.0 To 9999. %



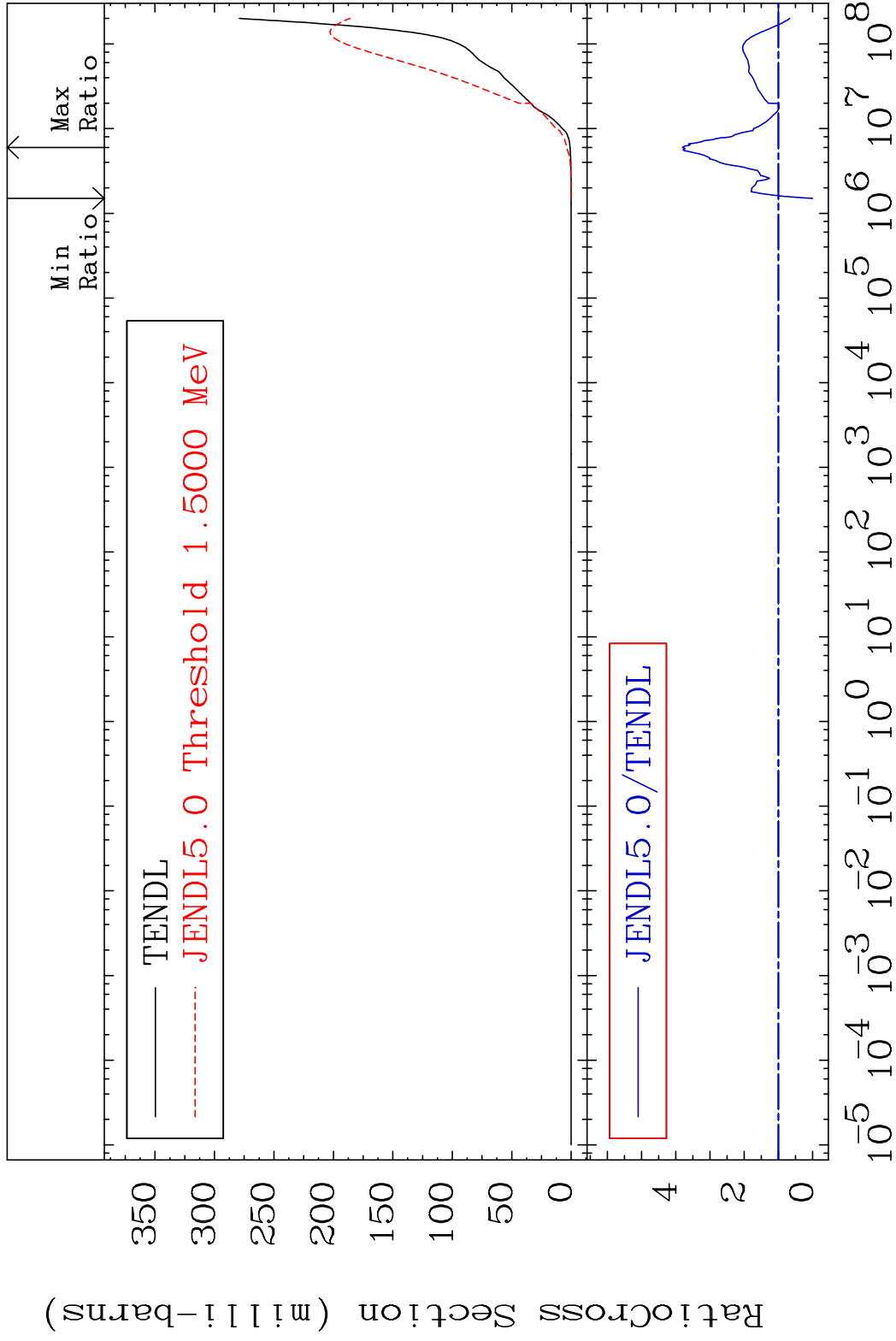
40 Incident Energy (eV) 42-Mo-94

MAT 4231

He-4 Production

42-Mo-94

Cross Section -100.0 To 280.5 %

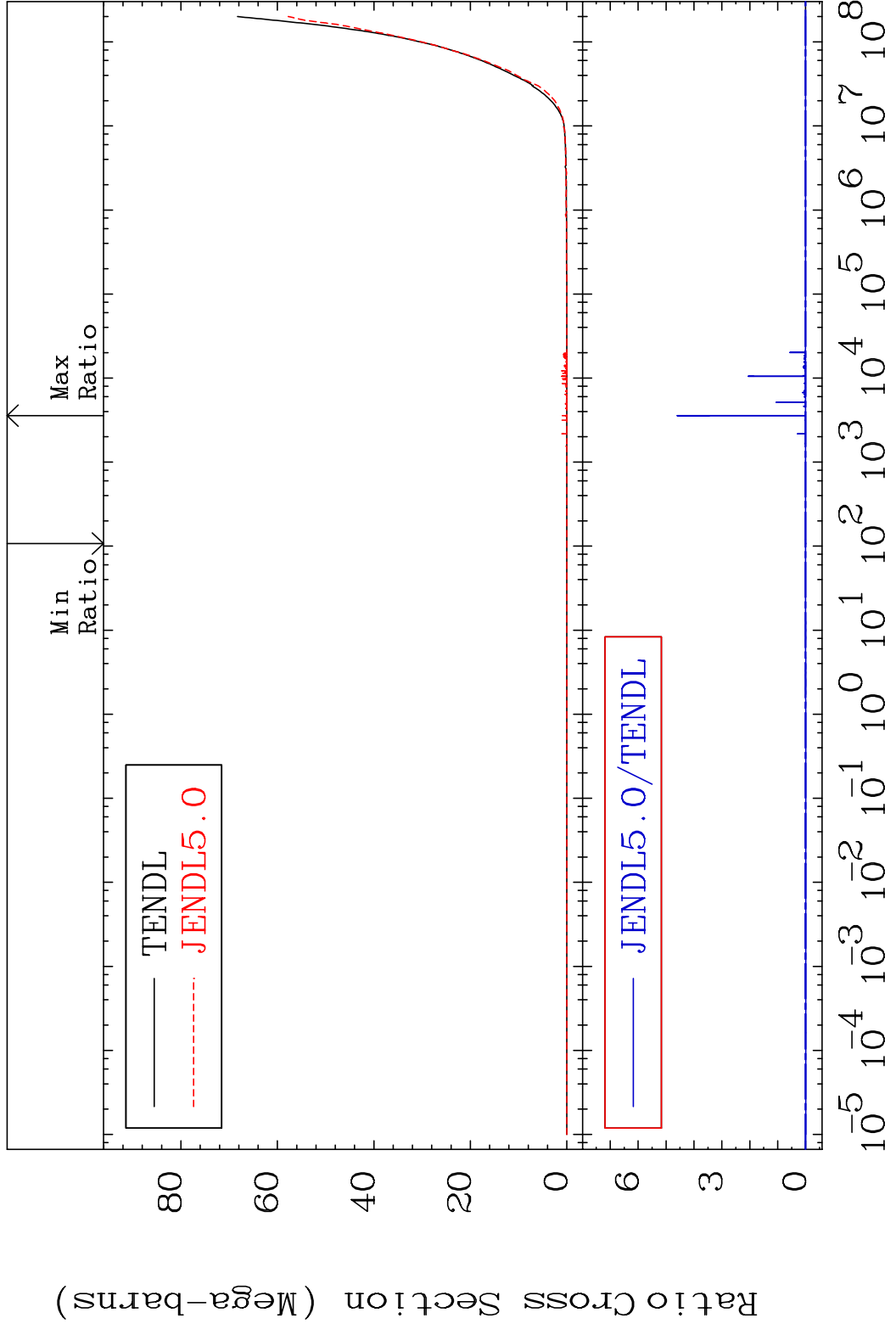


41

Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma total (eV-barns) 42-Mo-94
 Cross Section -2864. To 9999. %



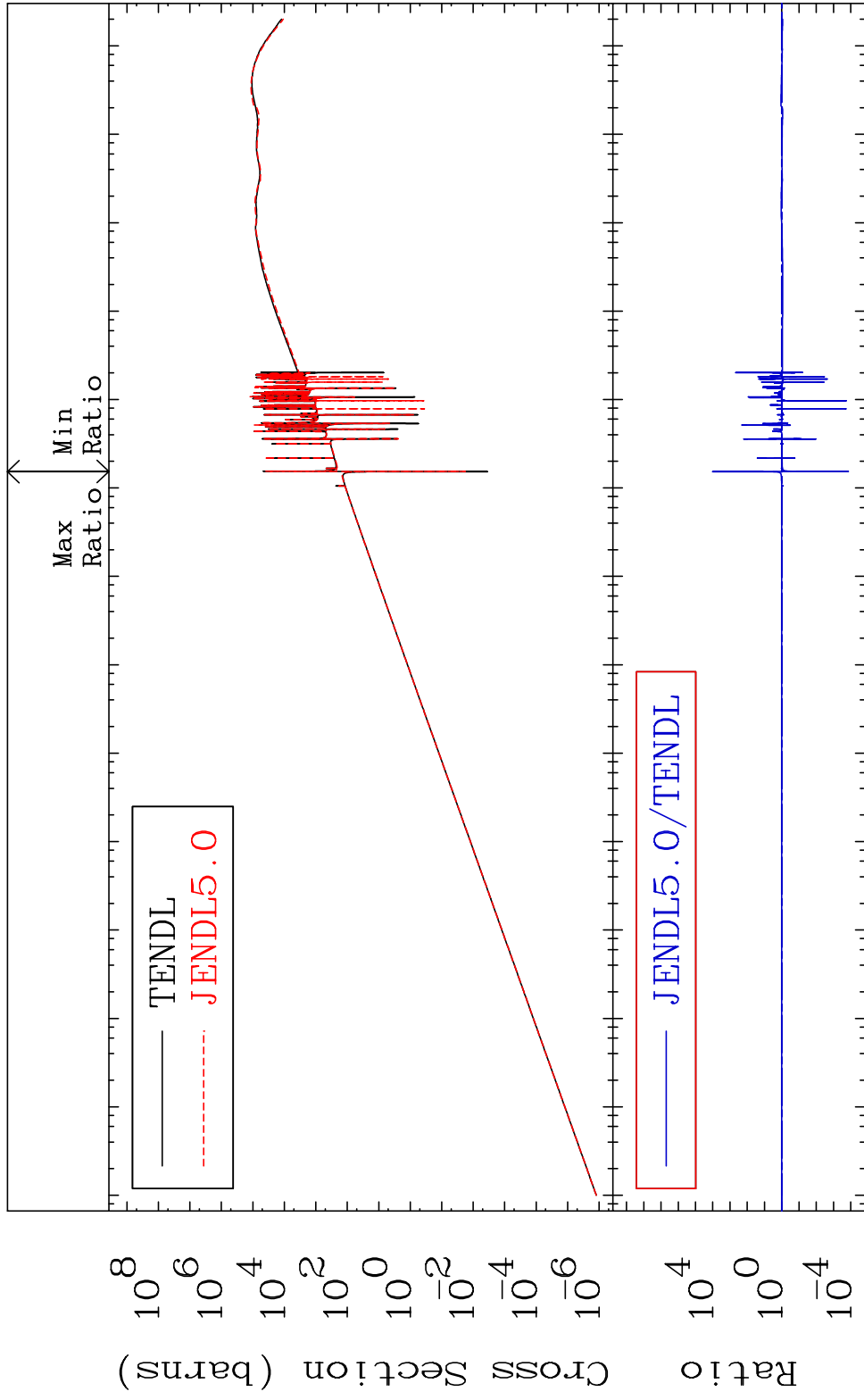
42 Incident Energy (eV) 42-Mo-94

MAT 4231

Kerma elastic
Cross Section

42-Mo-94

-99.99 To 9999. %



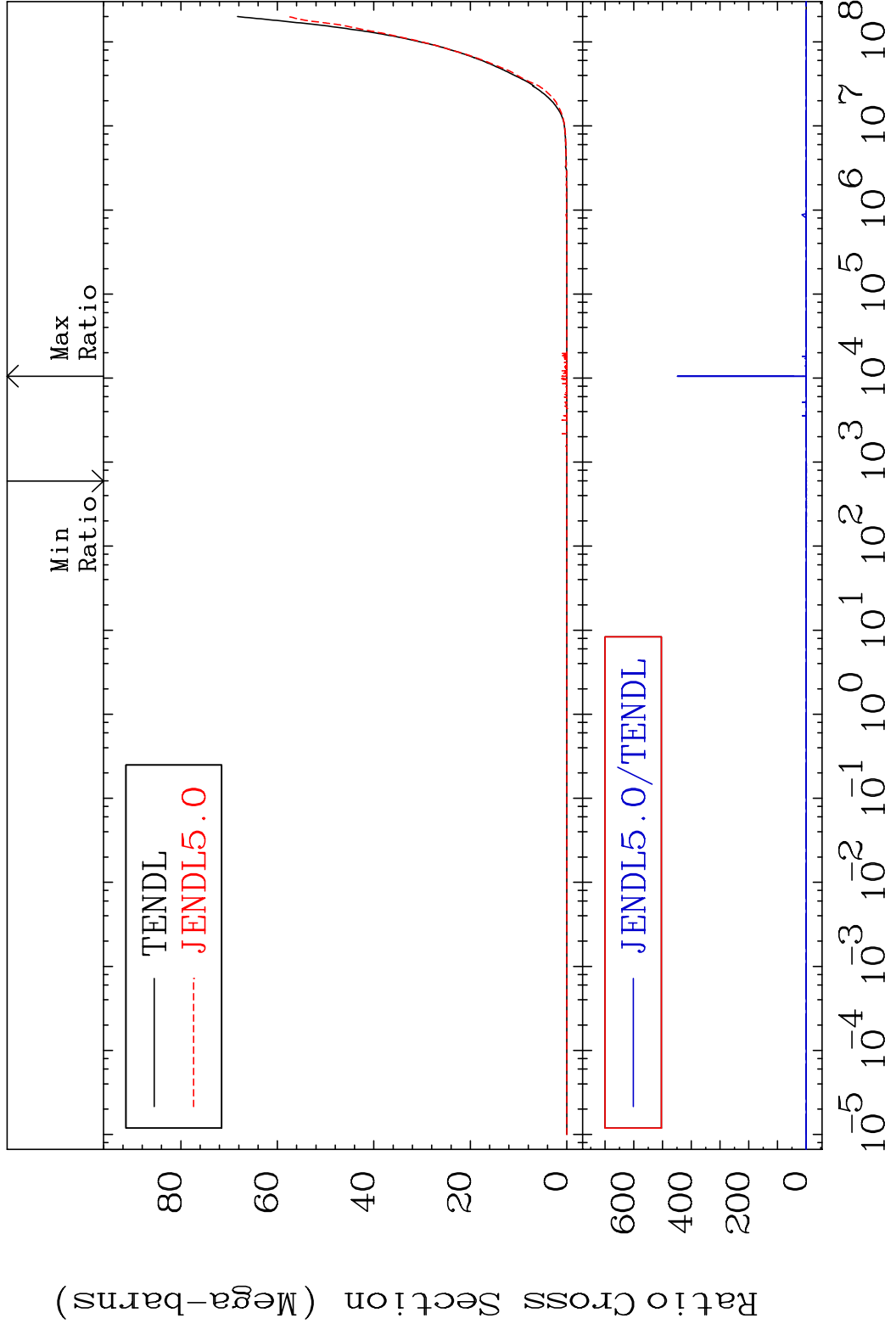
Ratio

43

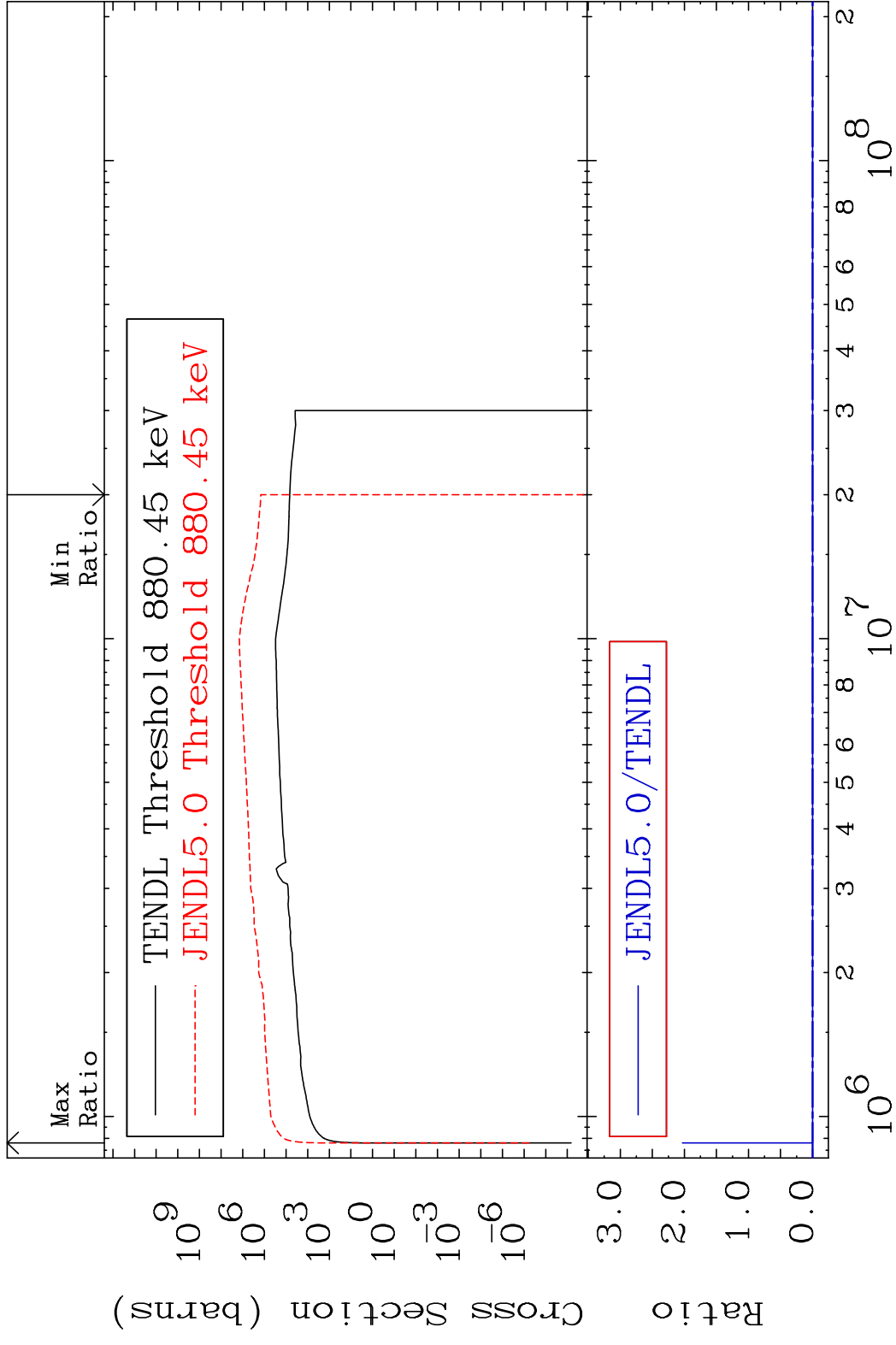
Incident Energy (eV)

42-Mo-94

MAT 4231 Kerma non-elastic (all but mt2) 42-Mo-94
 Cross Section -9999. To 9999. %

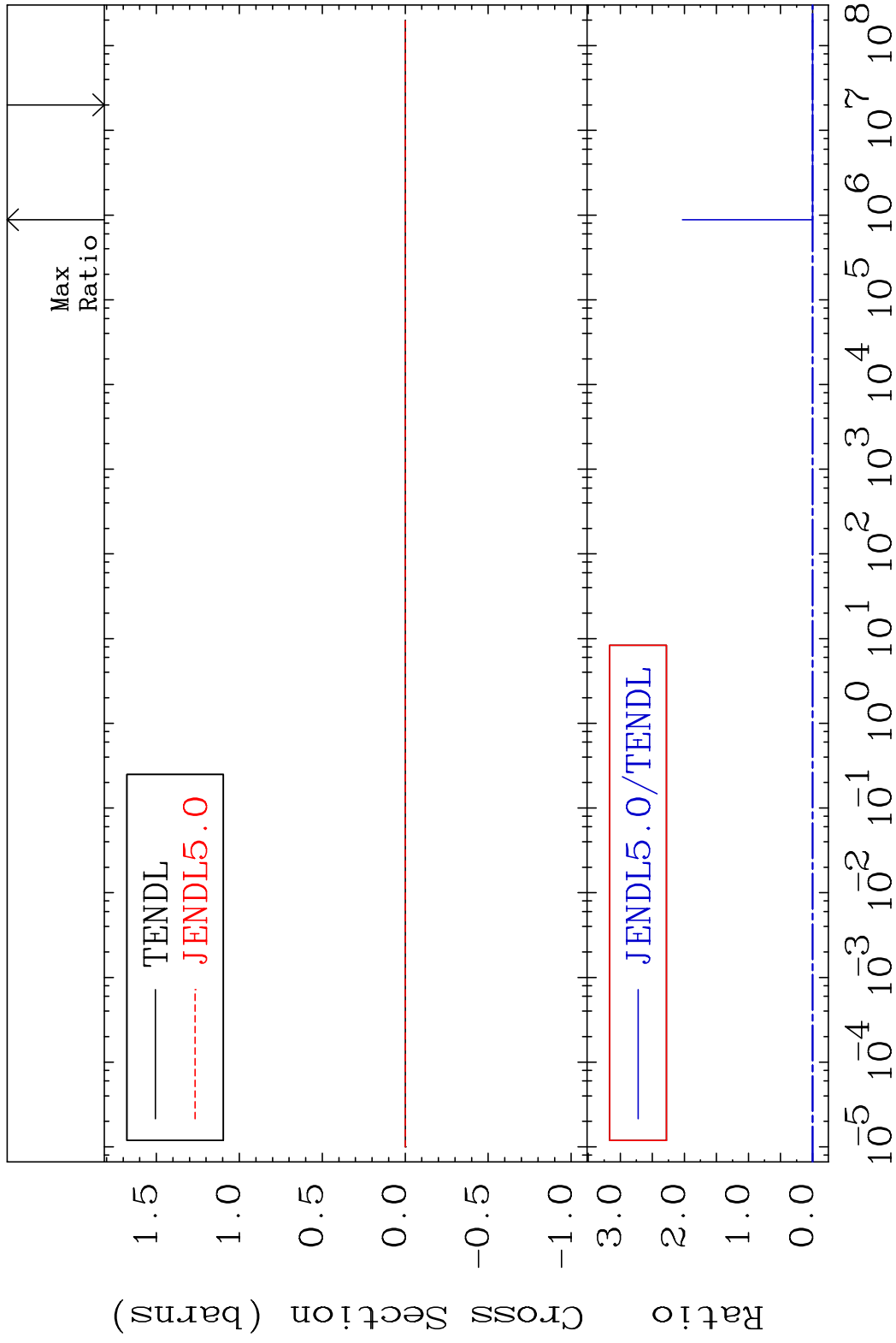


MAT 4231 Kerma inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 42-Mo-94

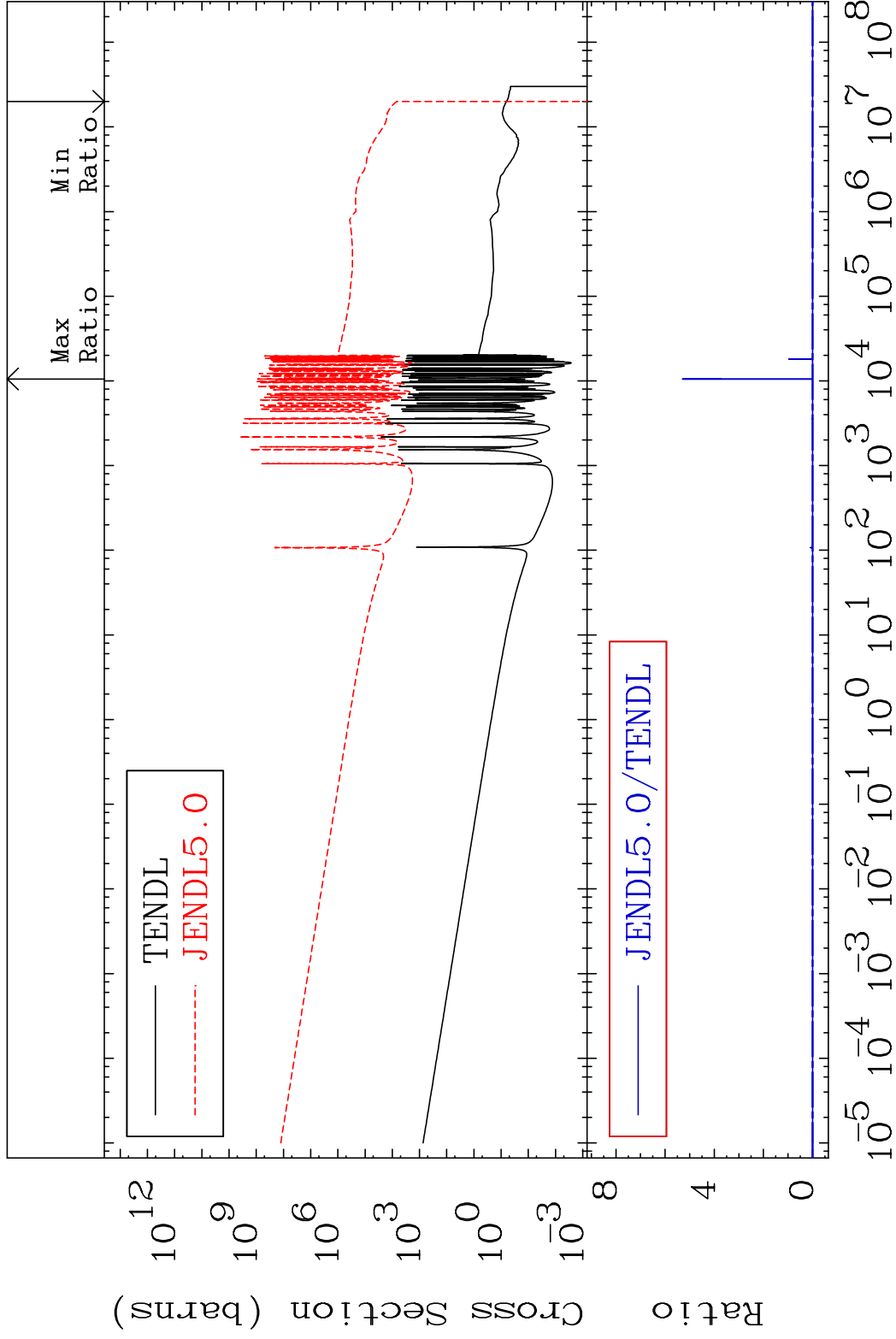
MAT 4231 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-94
 Cross Section -100.0 To 9999. %



MAT 4231

Kerma capture (mt102) 42-Mo-94

Cross Section -100.0 To 9999. %

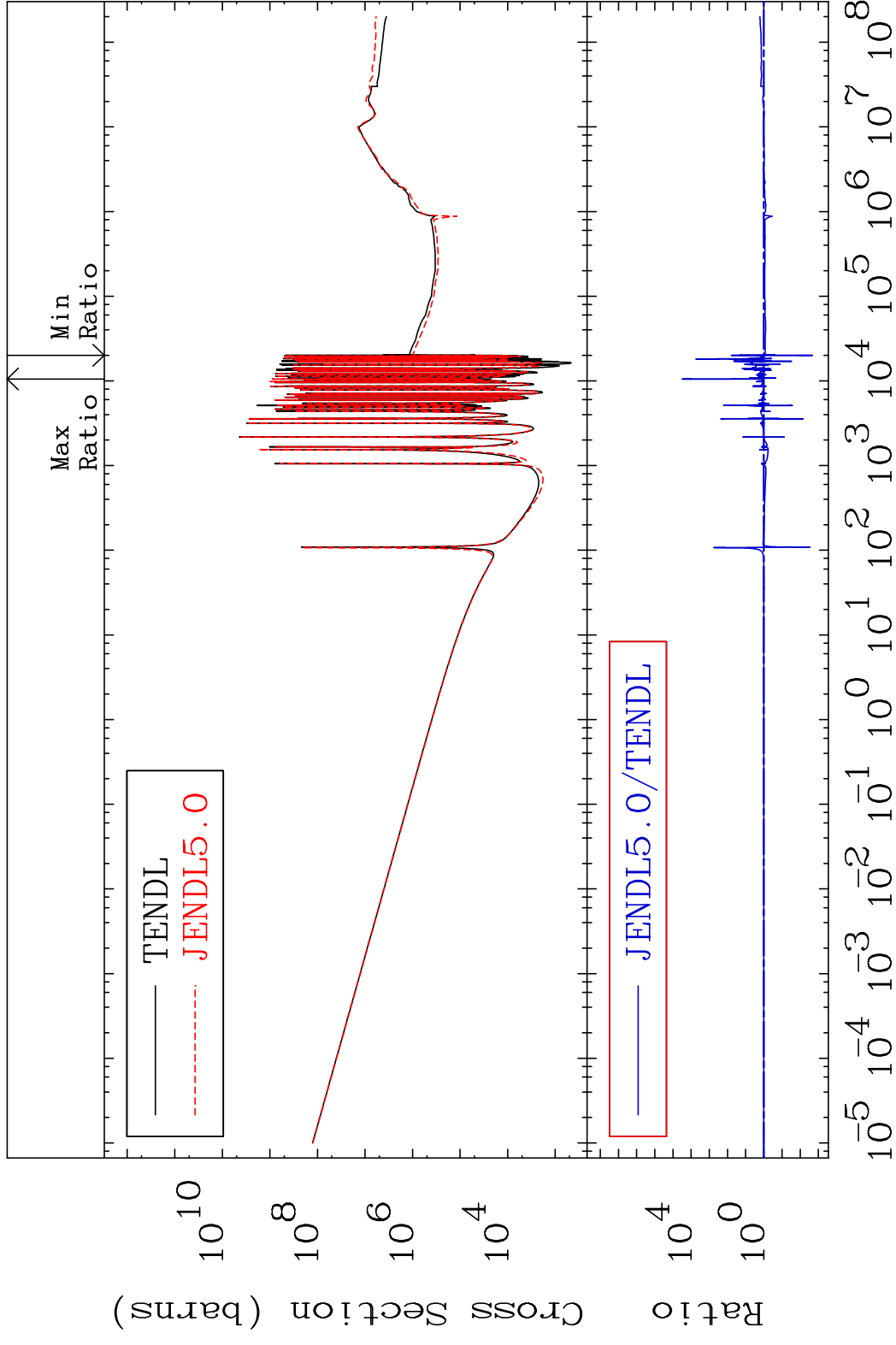


47

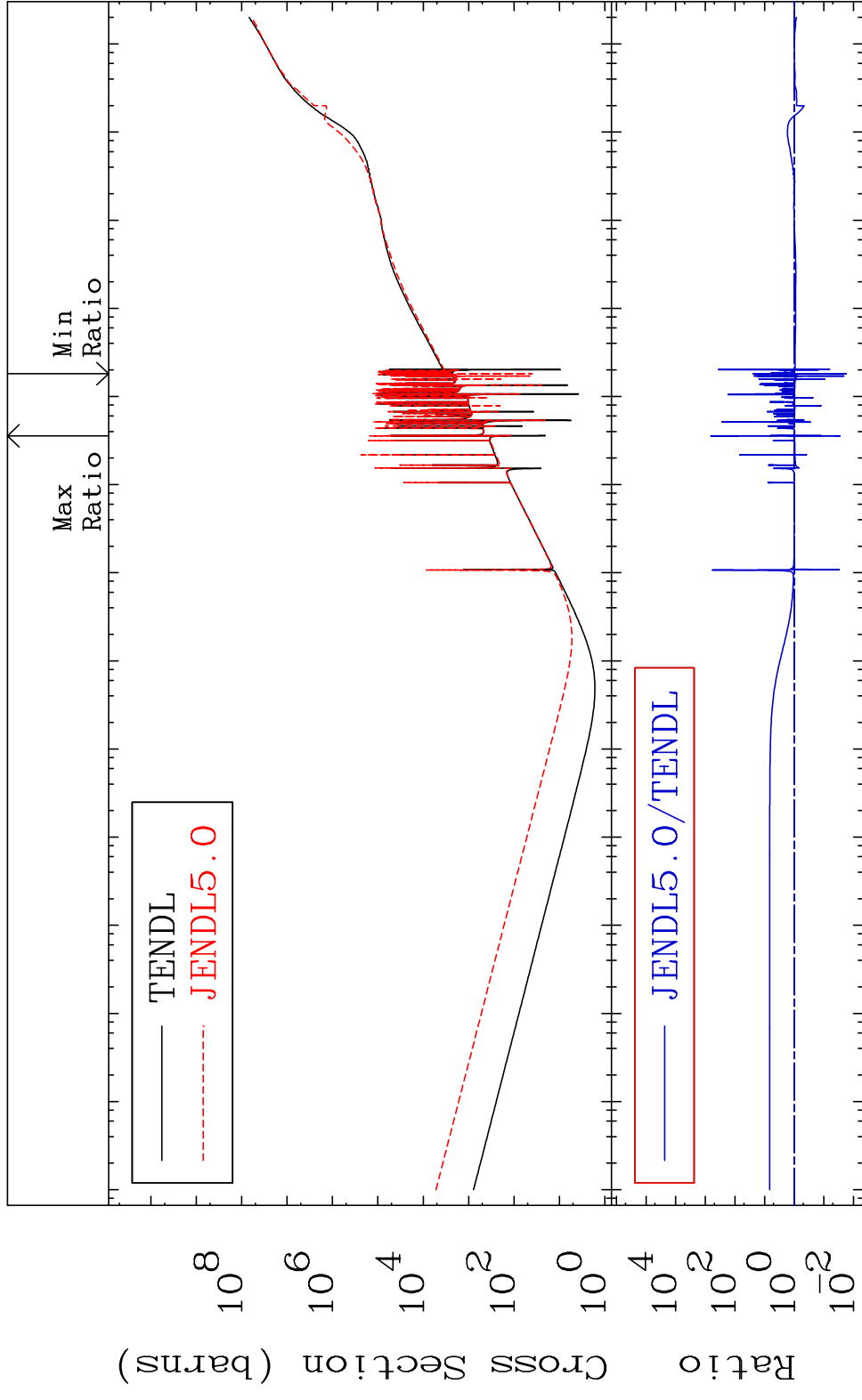
Incident Energy (eV)

42-Mo-94

MAT 4231 Total photon (eV-barns) 42-Mo-94
Cross Section -99.79 To 9999. %



MAT 4231 Total kinematic kerma (high limit) 42-Mo-94
 Cross Section -98.25 To 9999. %

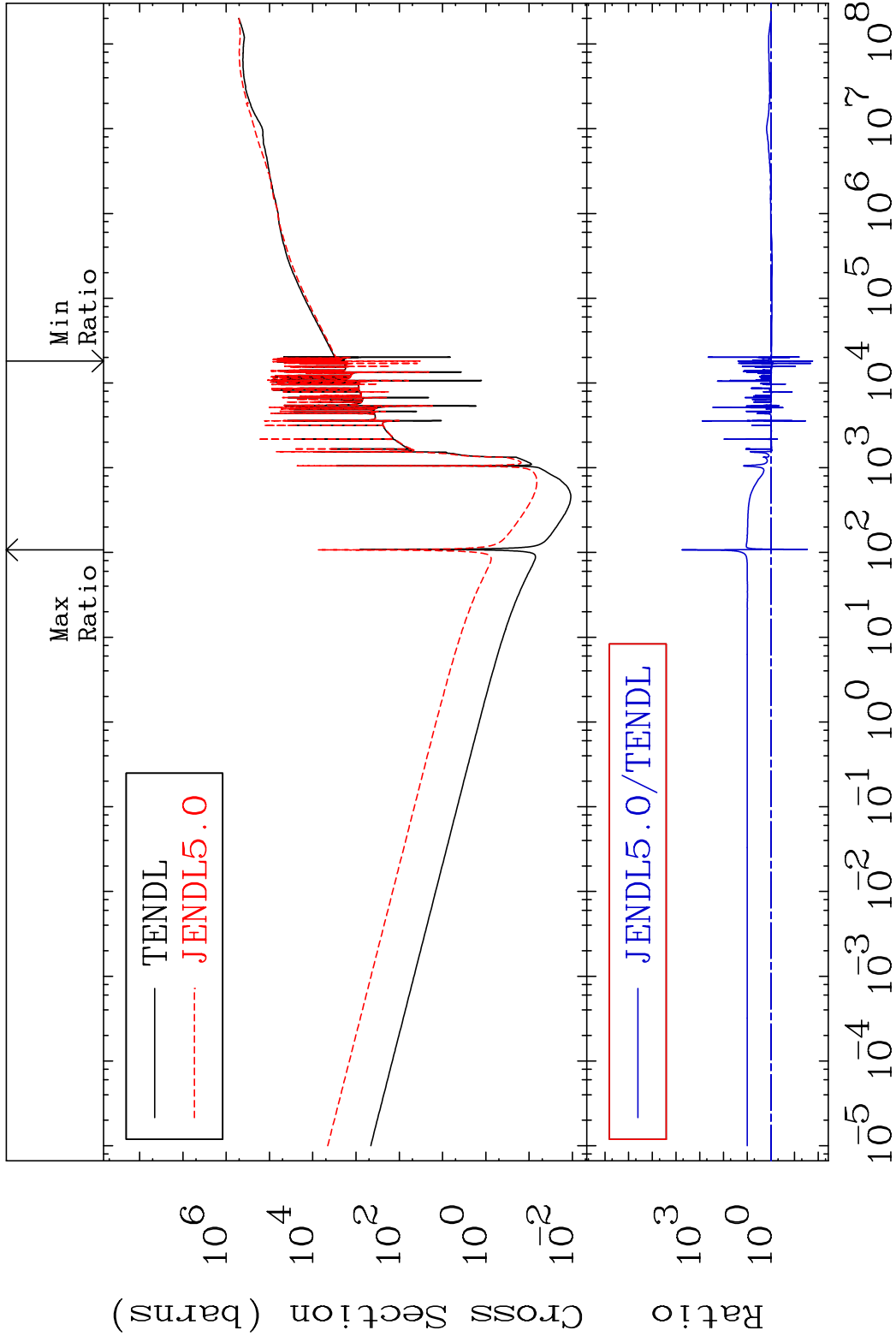


MAT 4231

Dpa total (eV-barns)

42-Mo-94

Cross Section -98.24 To 9999. %

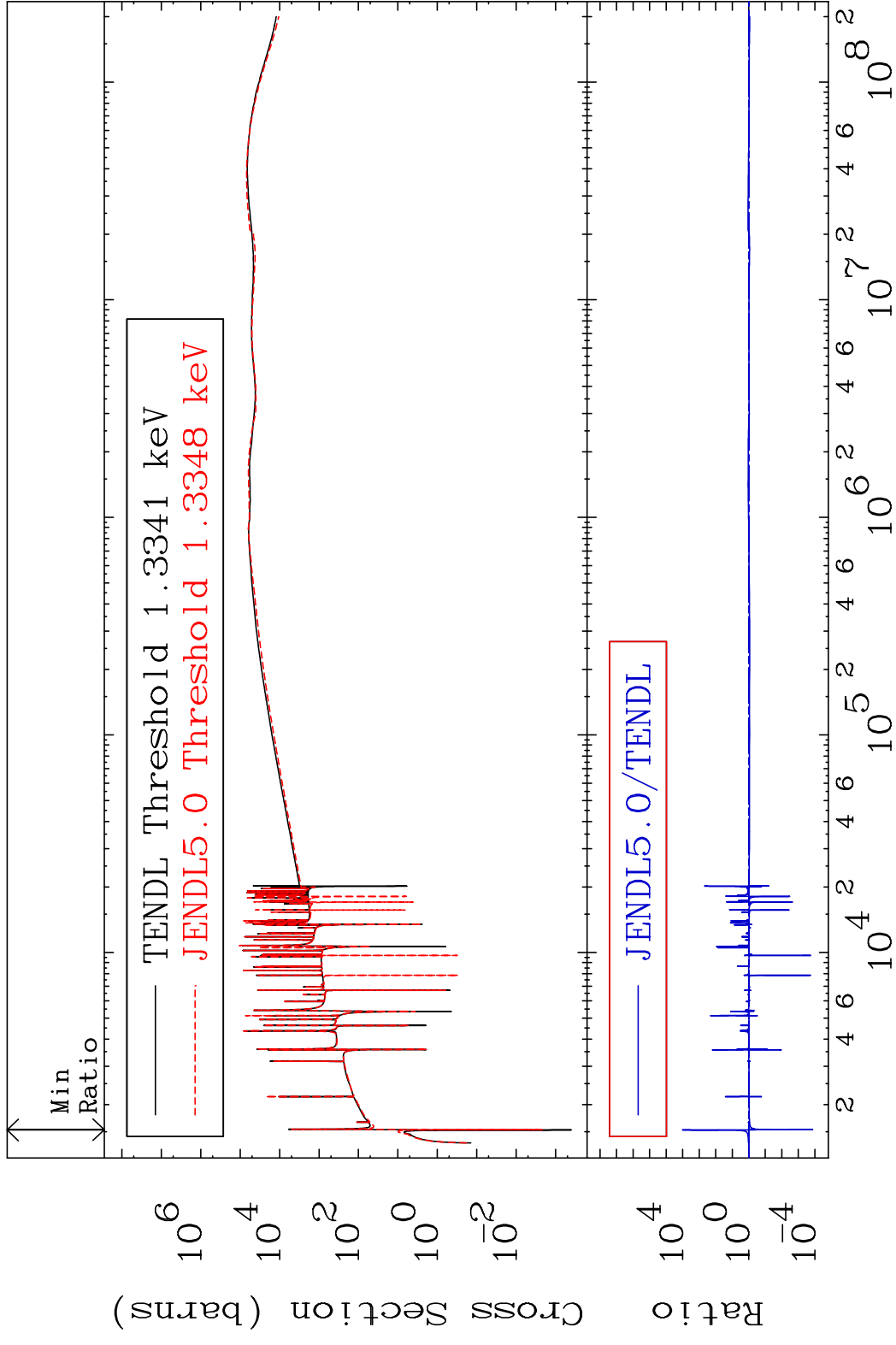


50

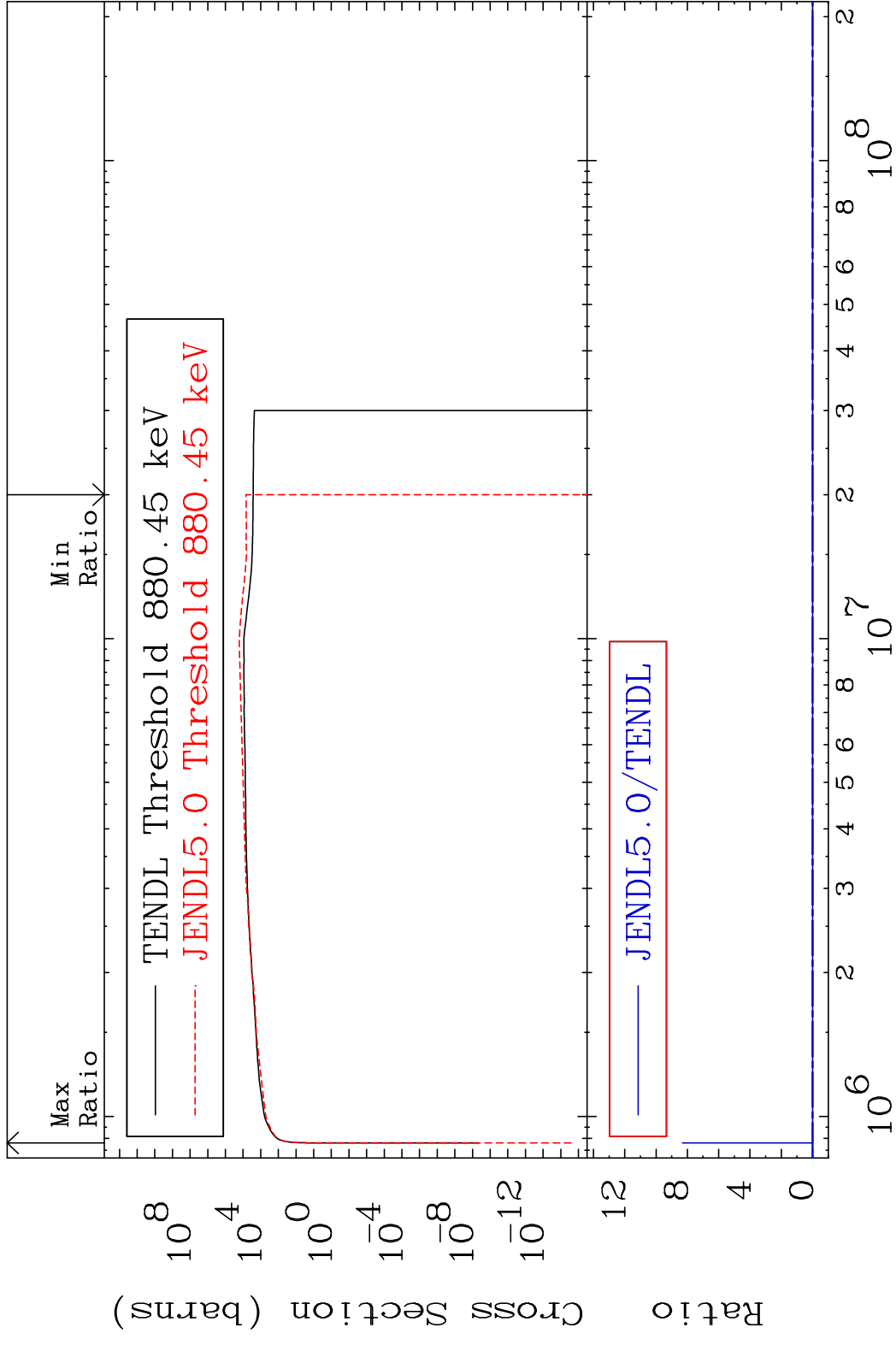
Incident Energy (eV)

42-Mo-94

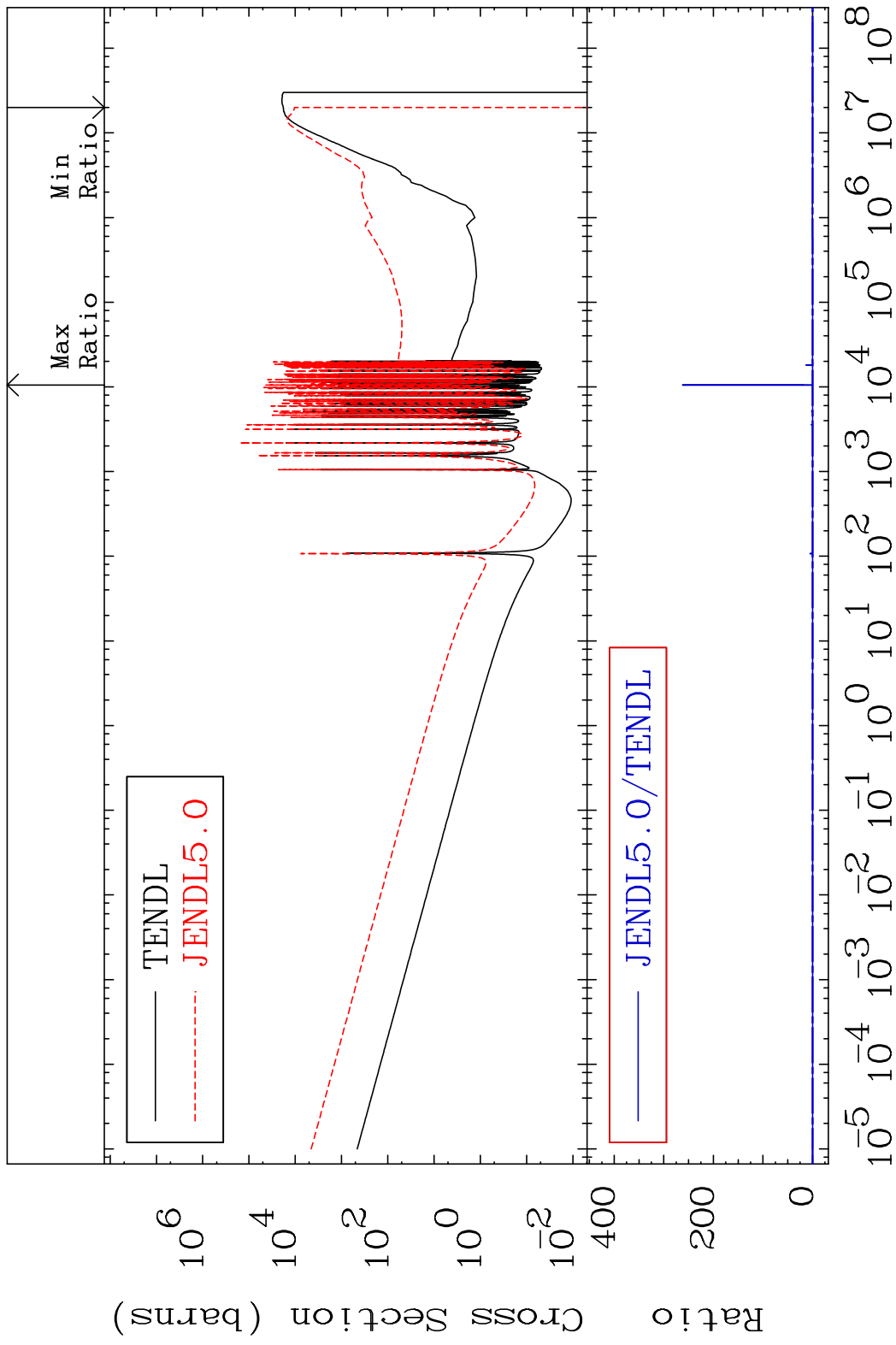
MAT 4231 Dpa elastic (mt2) 42-Mo-94
 Cross Section -99.99 To 9999. %

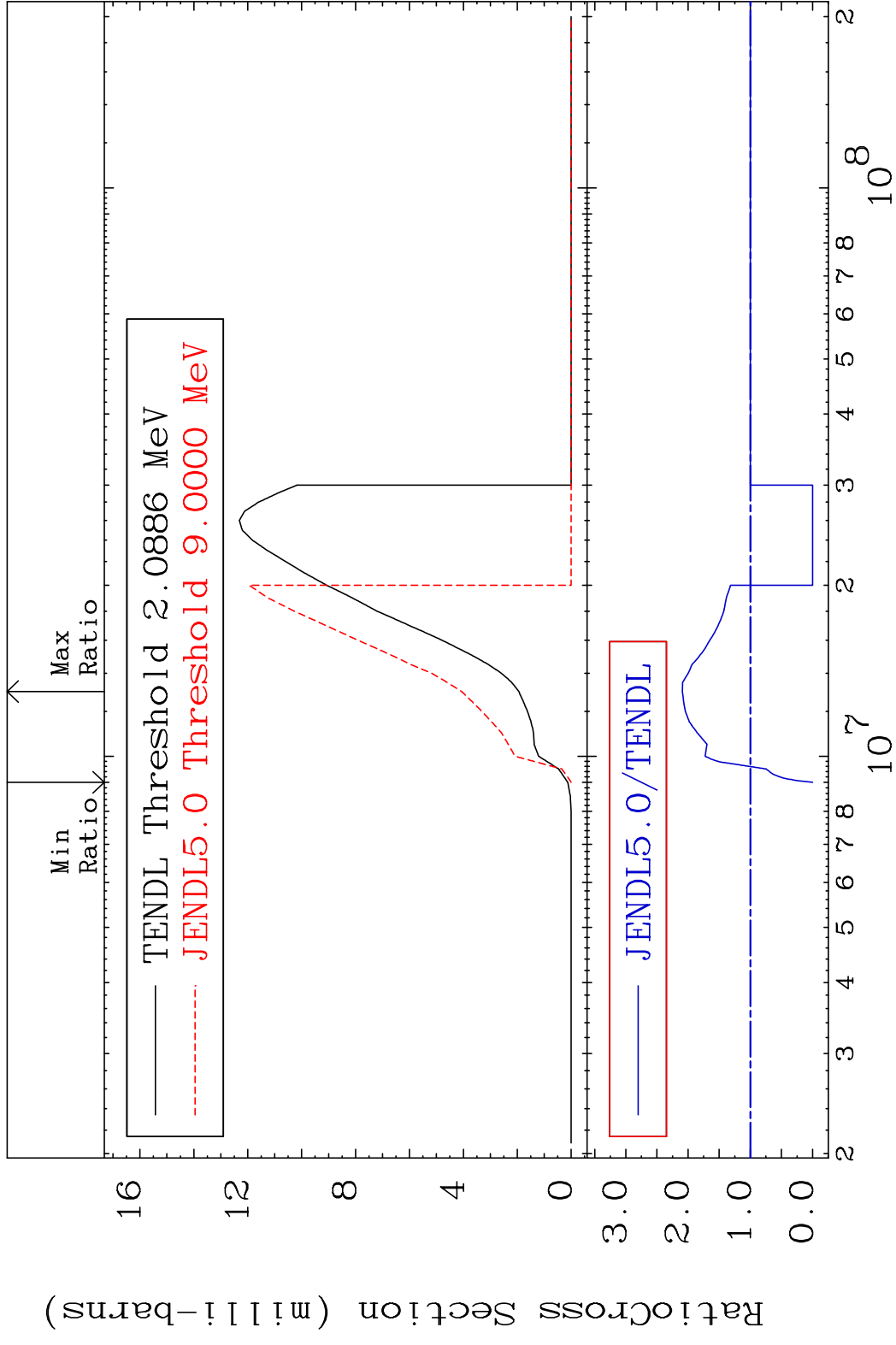


MAT 4231 Dpa inelastic (mt51-91) 42-Mo-94
 Cross Section -100.0 To 9999. %

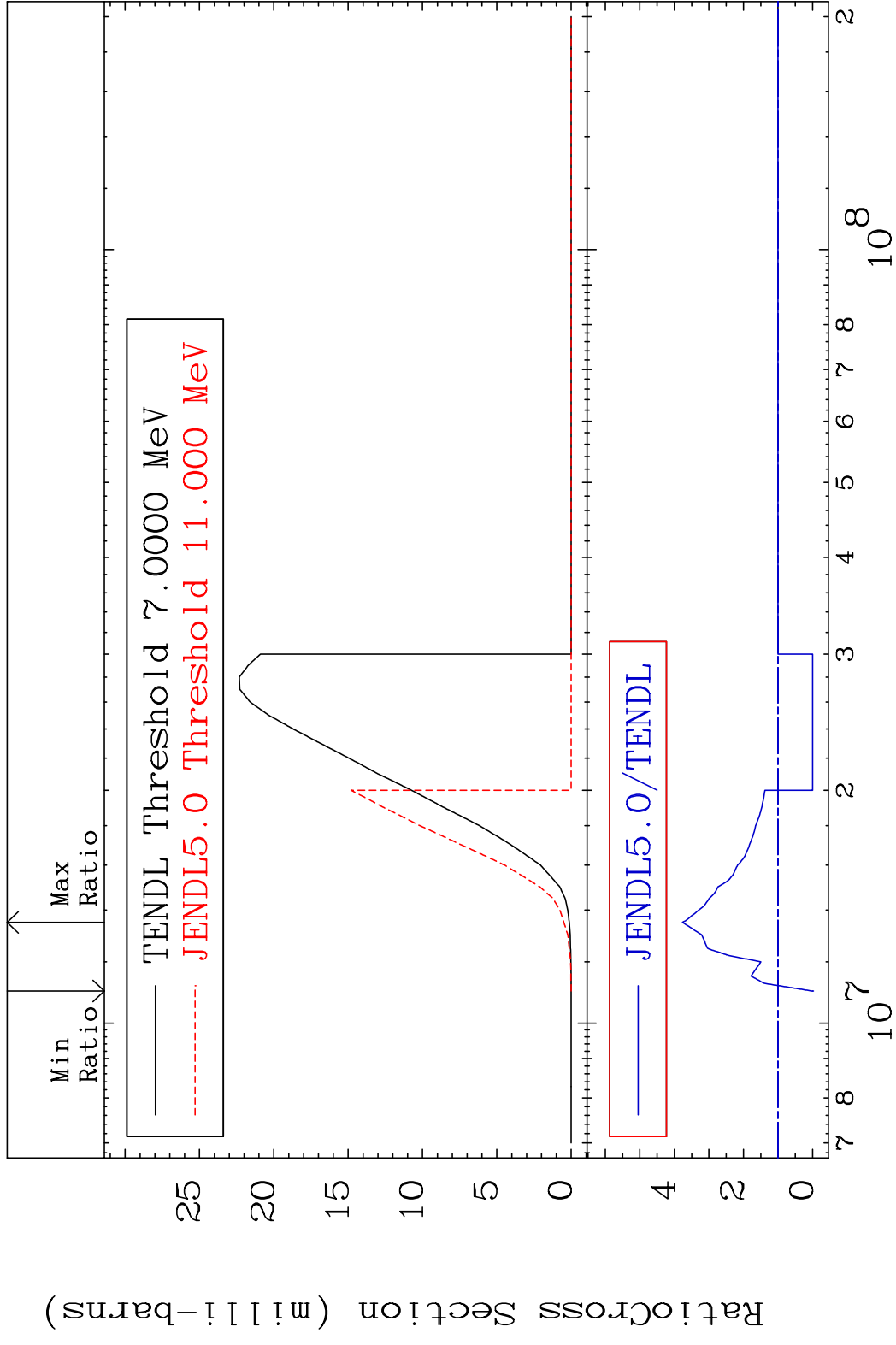


MAT 4231 Dpa disappearance (mt102 -120) 42-Mo-94
Cross Section -100.0 To 9999. %

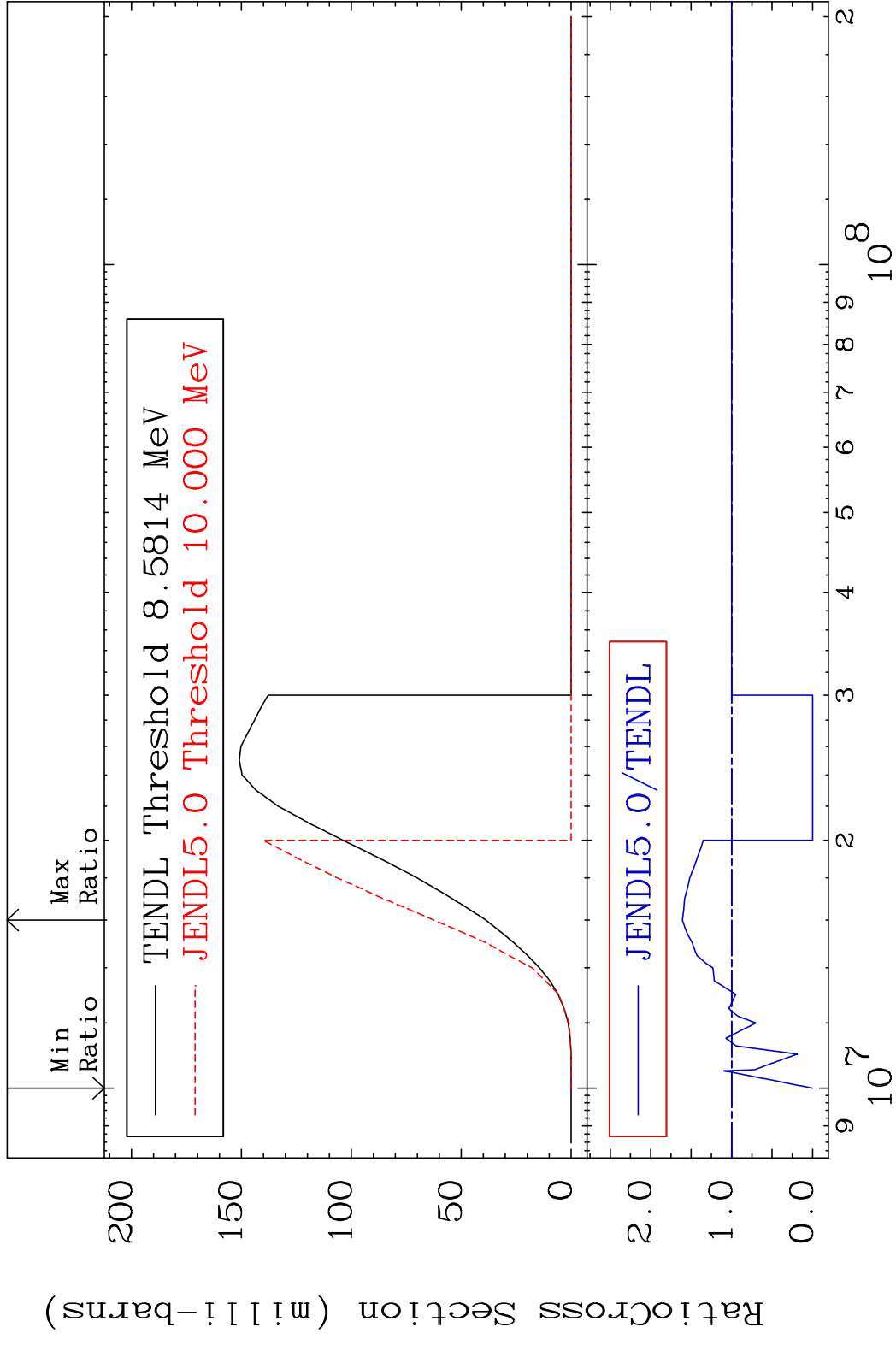




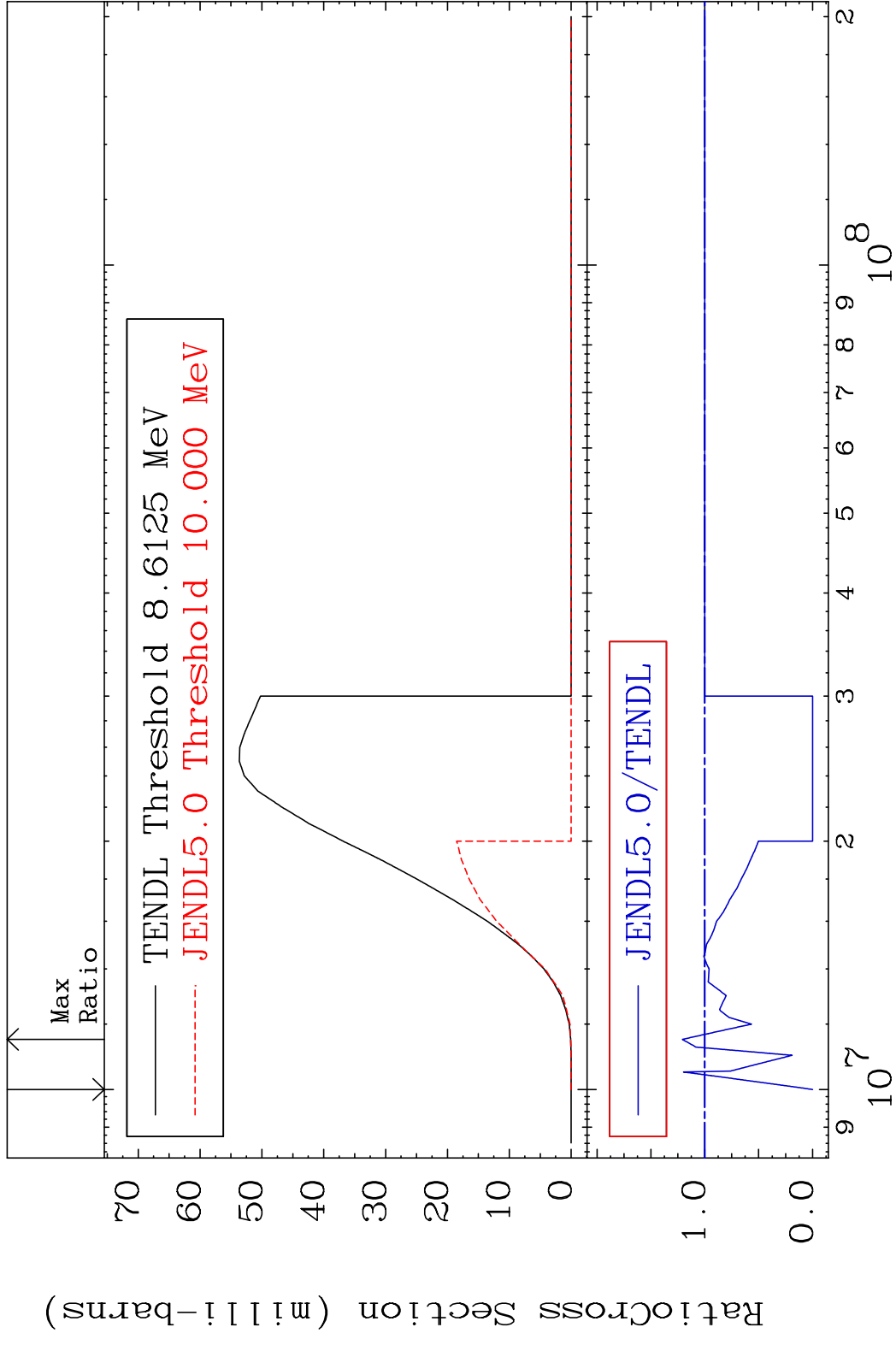
MAT 4231 (n, n') α :40-Zr-90m3 42-Mo-94
 Radionuclide Production Cross Section 180.0 dtho 277.0 %

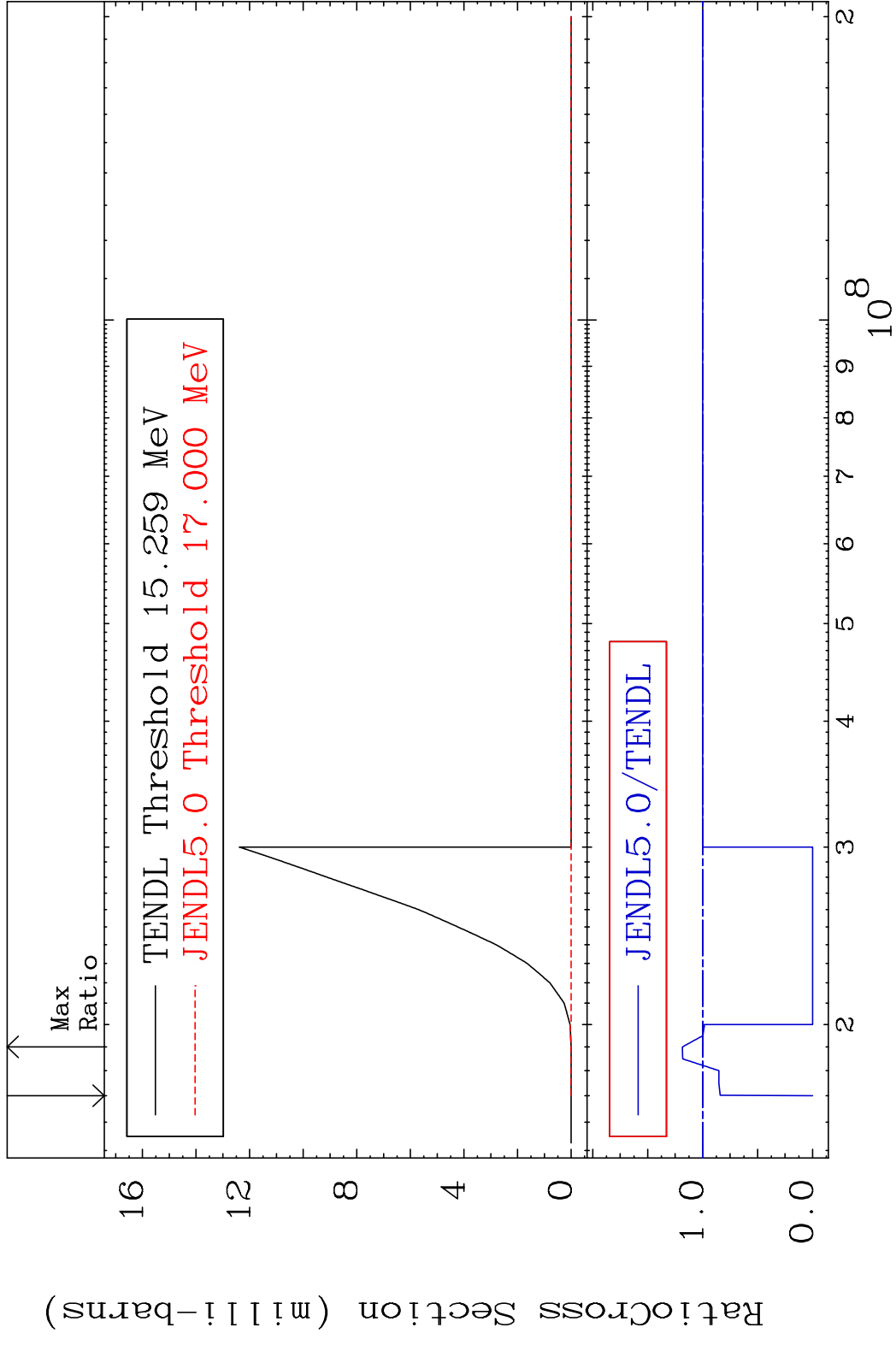


MAT 4231 (n, n') p:41-Nb-93g 42-Mo-94
 Radionuclide Production Cross Section 60.89 %

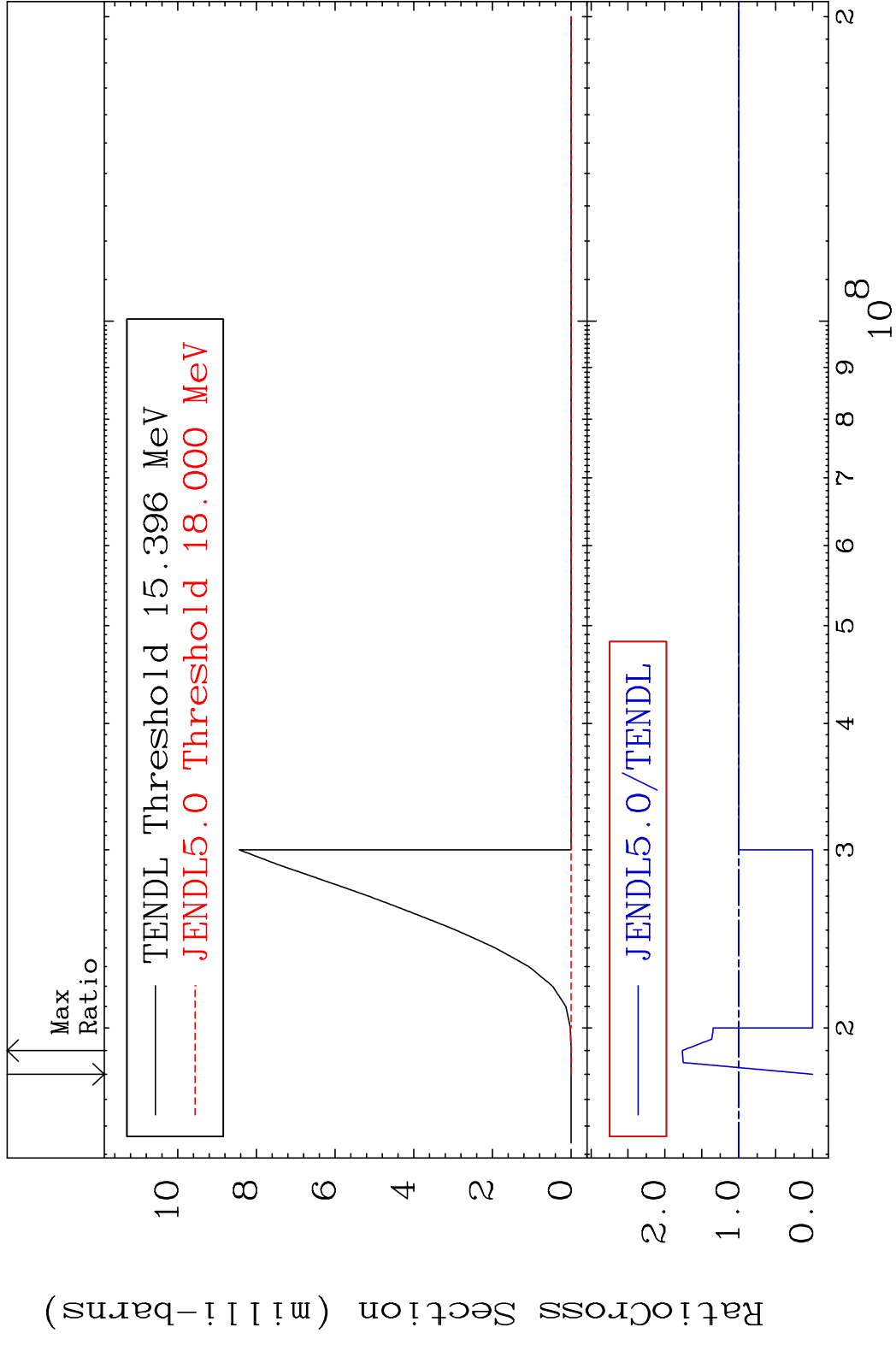


MAT 4231 (n, n') p:41-Nb-93m1 42-Mo-94
 Radionuclide Production Cross Section 180.0 mb 20.80 %

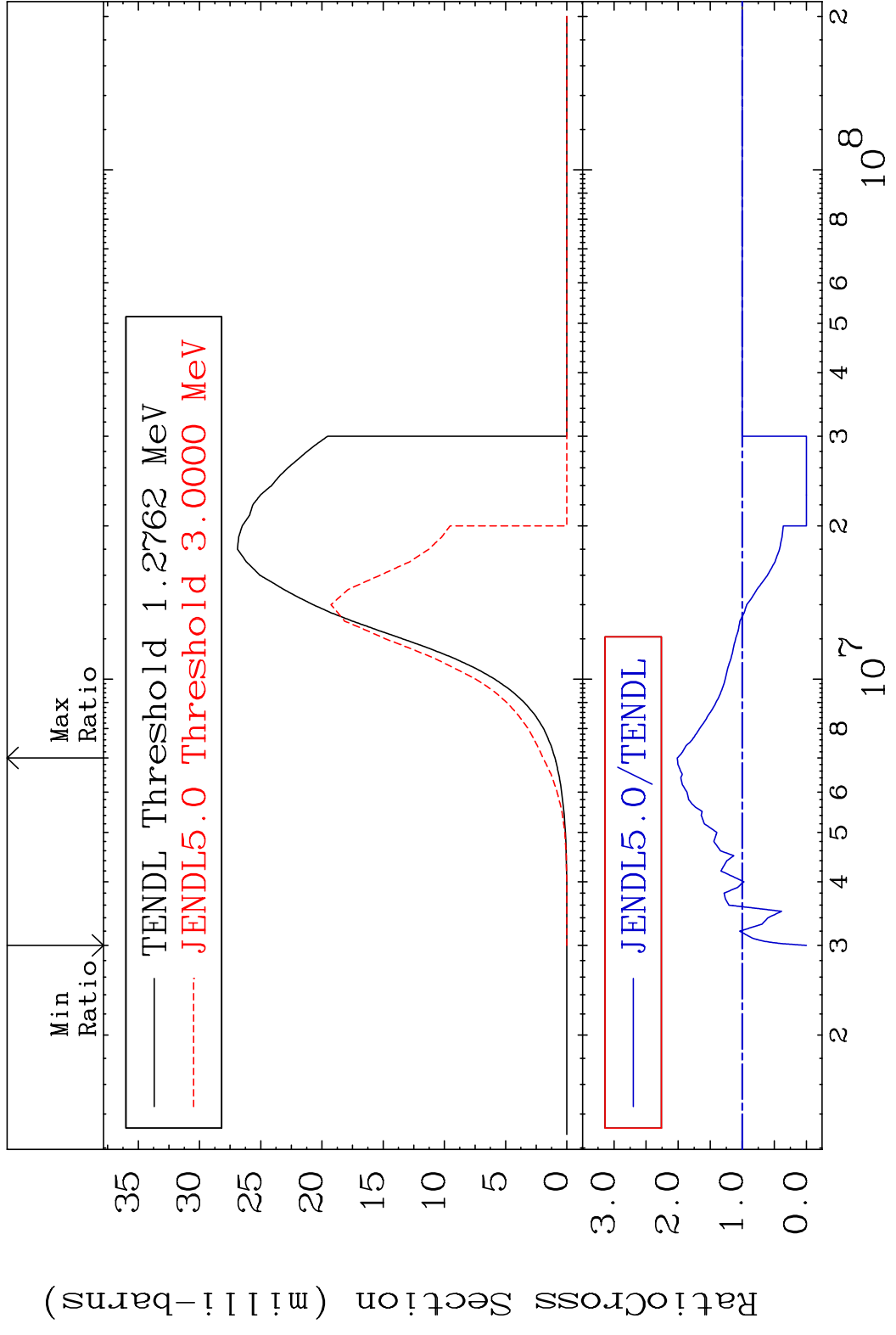




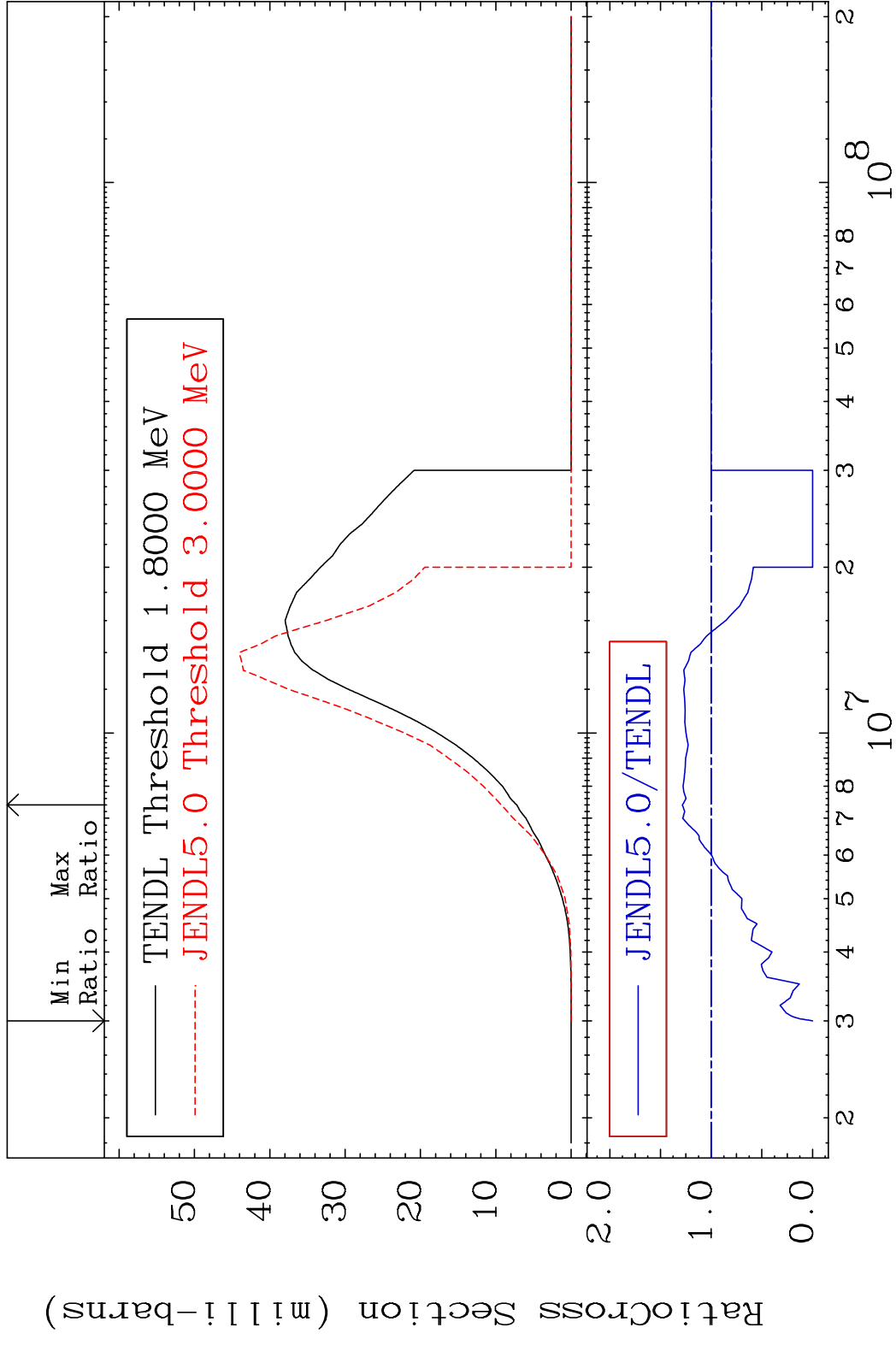
MAT 4231 (n, n') d:41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section 180.0 mb 76.35 %



MAT 4231 (n,p):41-Nb-94g 42-Mo-94
 Radionuclide Production Cross Section 100.0% 101.5%

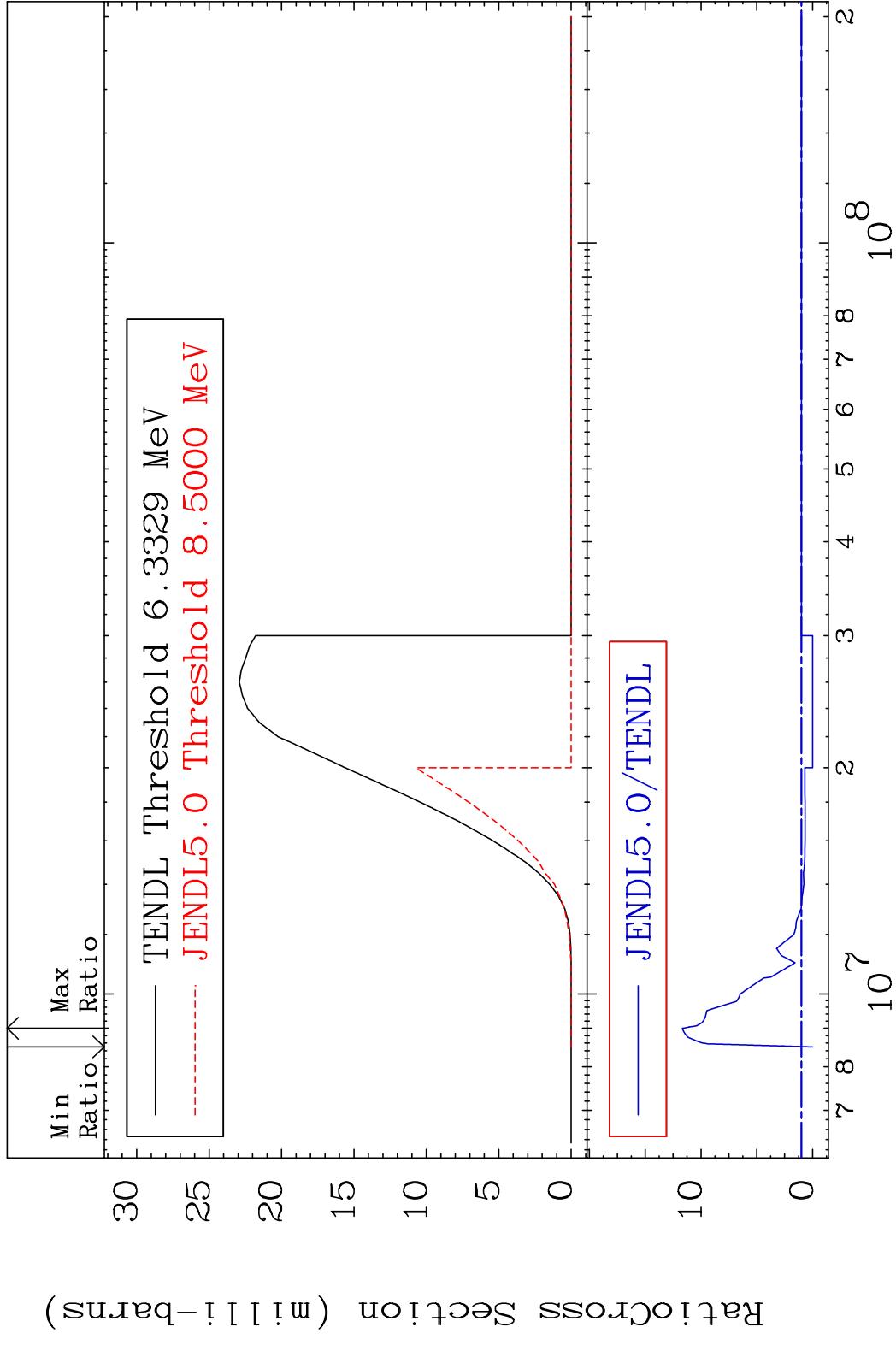


MAT 4231 (n,p):41-Nb-94m1 42-Mo-94
 Radionuclide Production Cross Section 180.0 dth 28.40 %

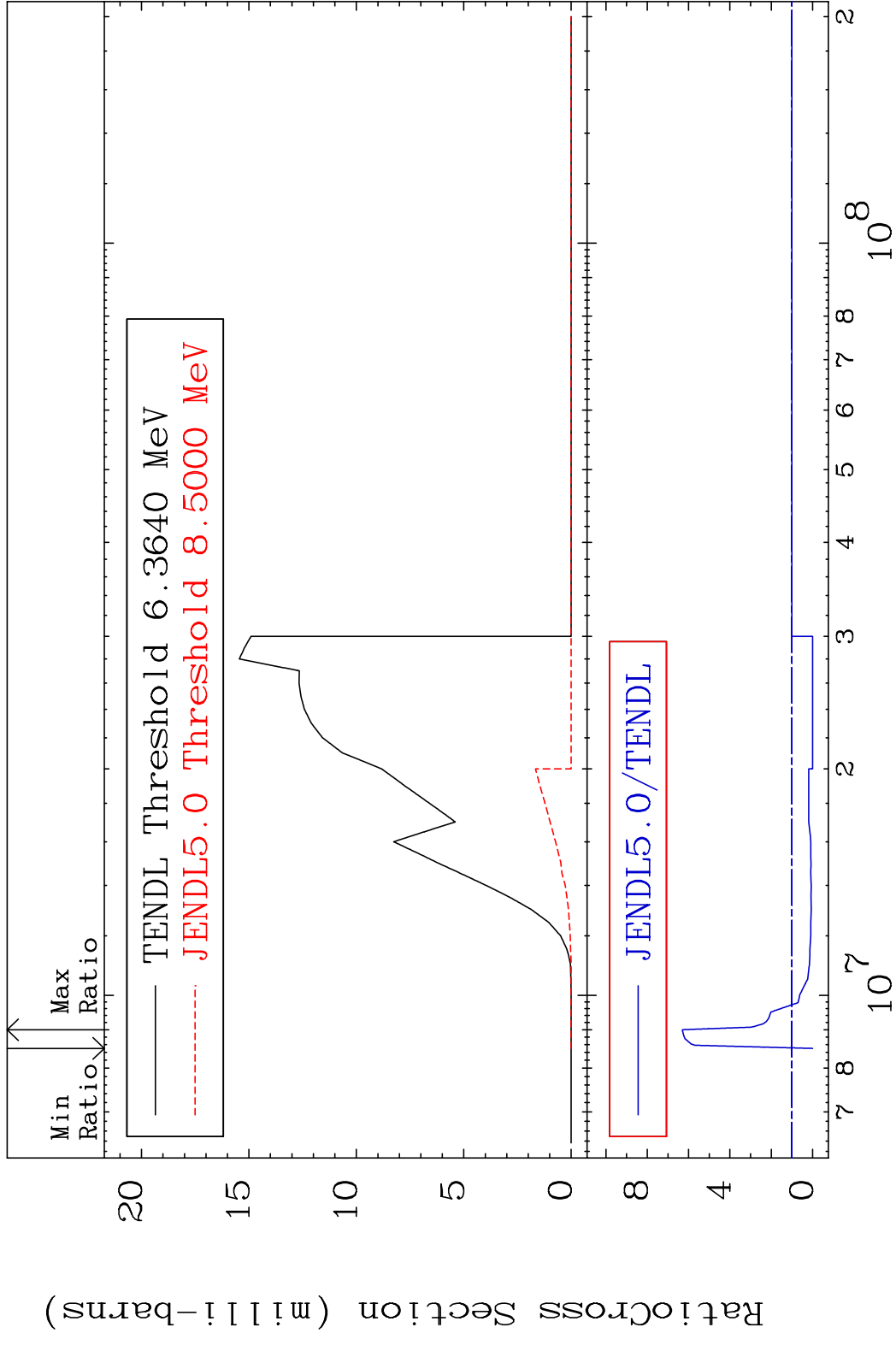


61 42-Mo-94

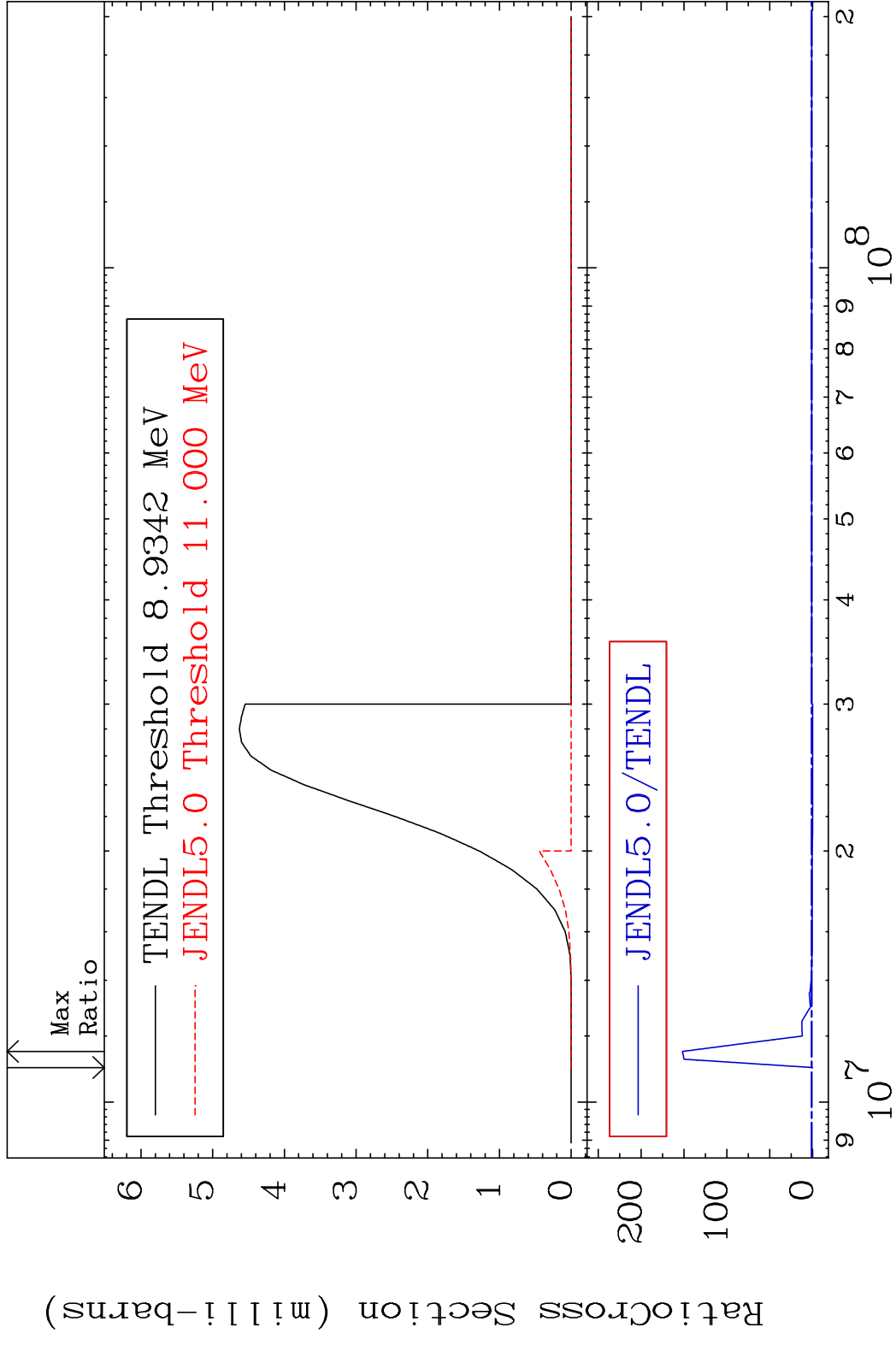
MAT 4231 (n, d) : 41-Nb-93g 42-Mo-94
 Radionuclide Production Cross Section 100.00 dth 1067. %



MAT 4231 (n, d) : 41-Nb-93m1 42-Mo-94
 Radionuclide Production Cross Section 1800.0 dth 530.2 %

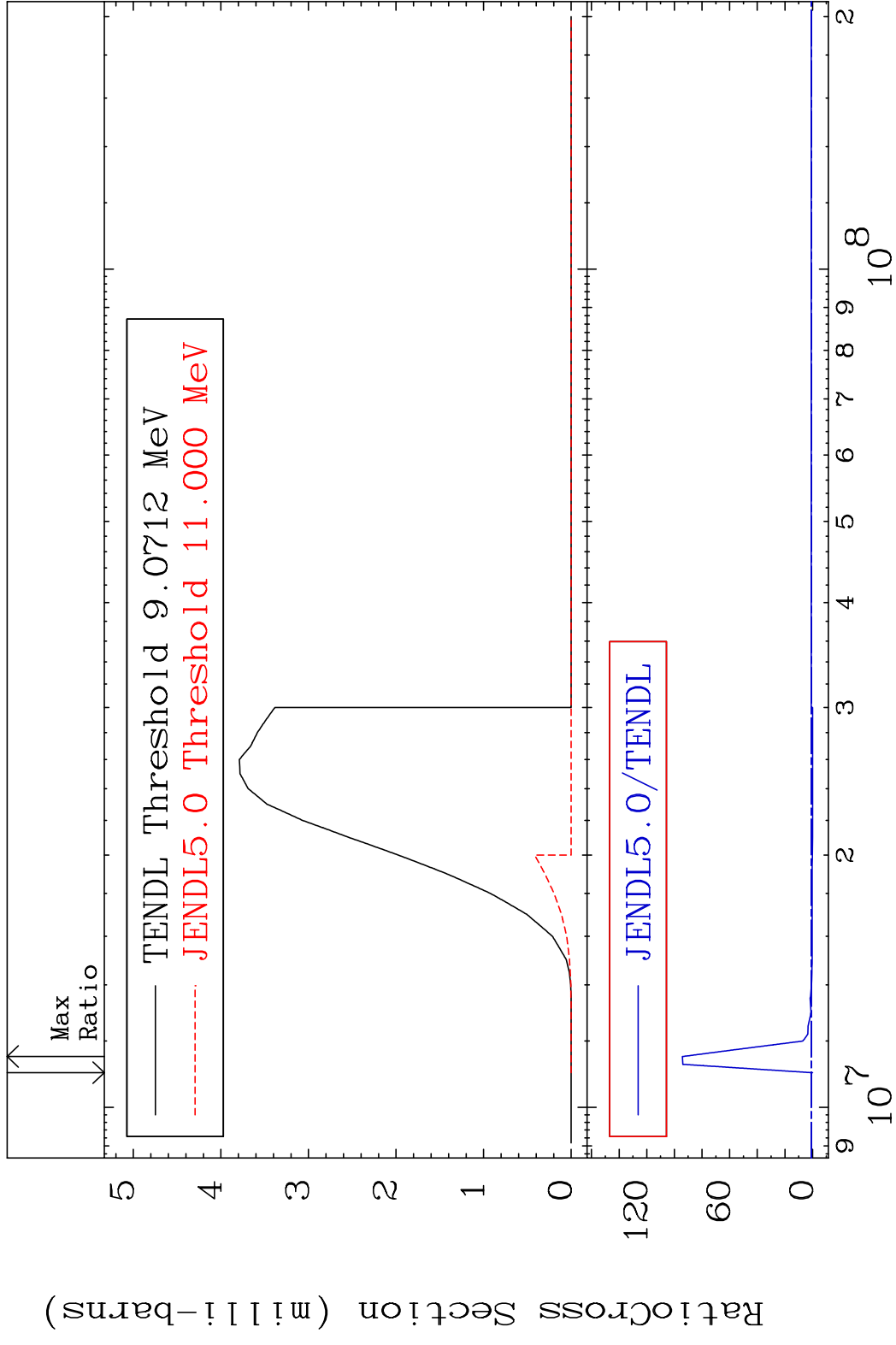


MAT 4231 (n, t): 41-Nb-92g 42-Mo-94
 Radionuclide Production Cross Section (%) 9999. %



64 Incident Energy (eV) 42-Mo-94

MAT 4231 (n, t): 41-Nb-92m1 42-Mo-94
 Radionuclide Production Cross Section to 9323. %



65 Incident Energy (eV) 42-Mo-94