

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

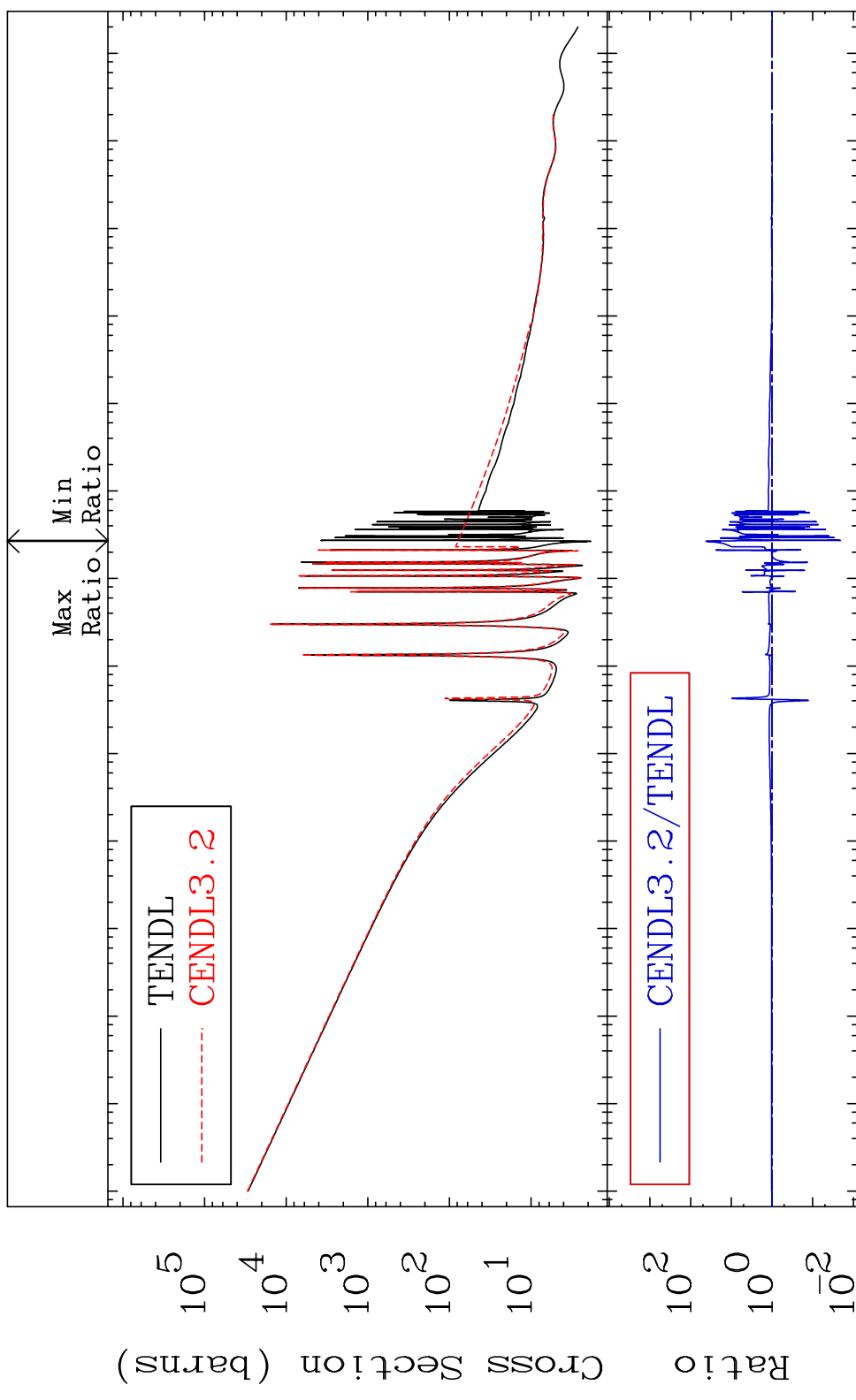
MAT 7225

Total

72-Hf-174

Cross Section

-97.92 To 4142. %



1

Incident Energy (eV)

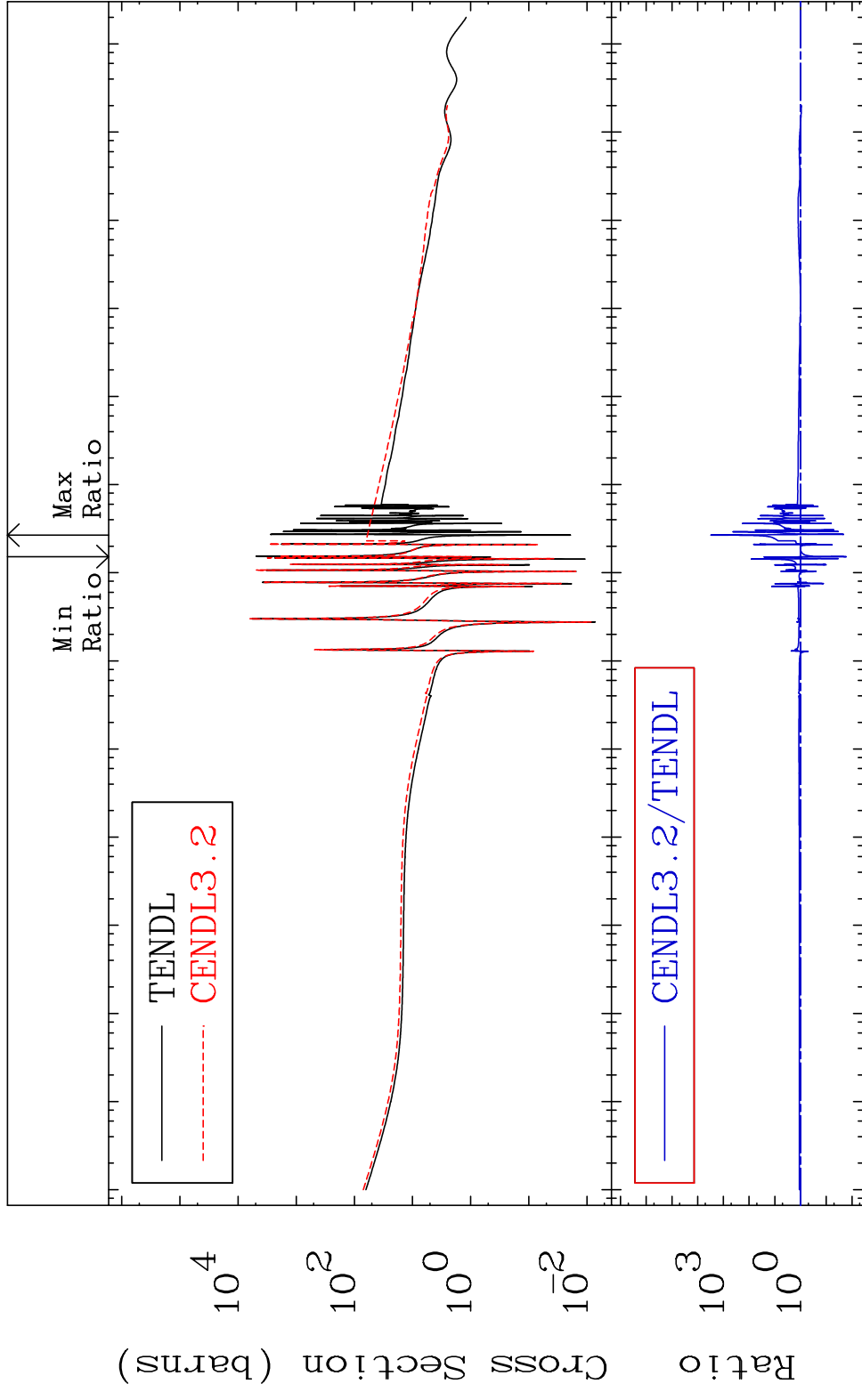
72-Hf-174

MAT 7225

72-Hf-174

Elastic

Cross Section -98.34 To 9999. %

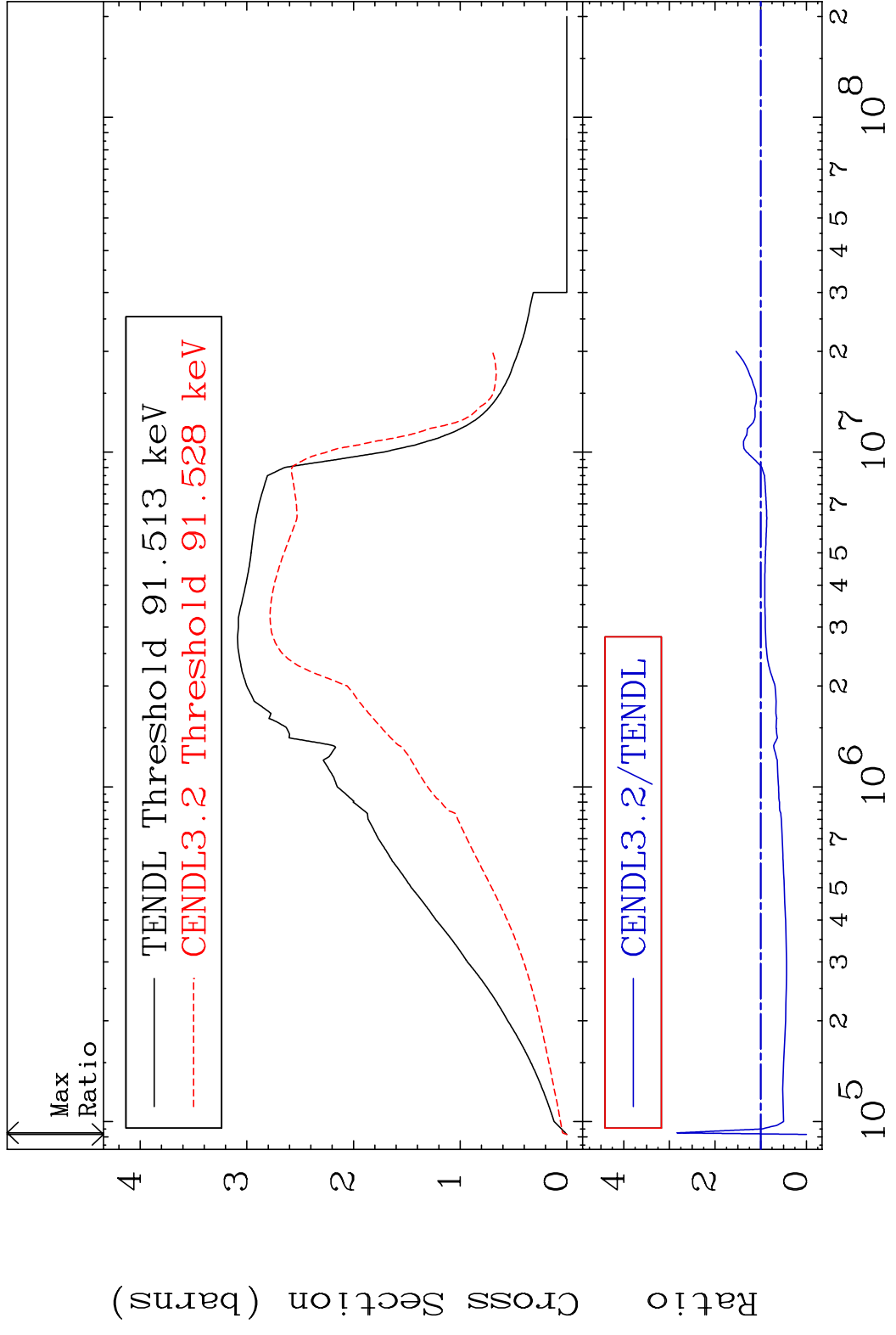


2

Incident Energy (eV)

72-Hf-174

MAT 7225 Inelastic 72-Hf-174
Cross Section -100.0 To 182.9 %



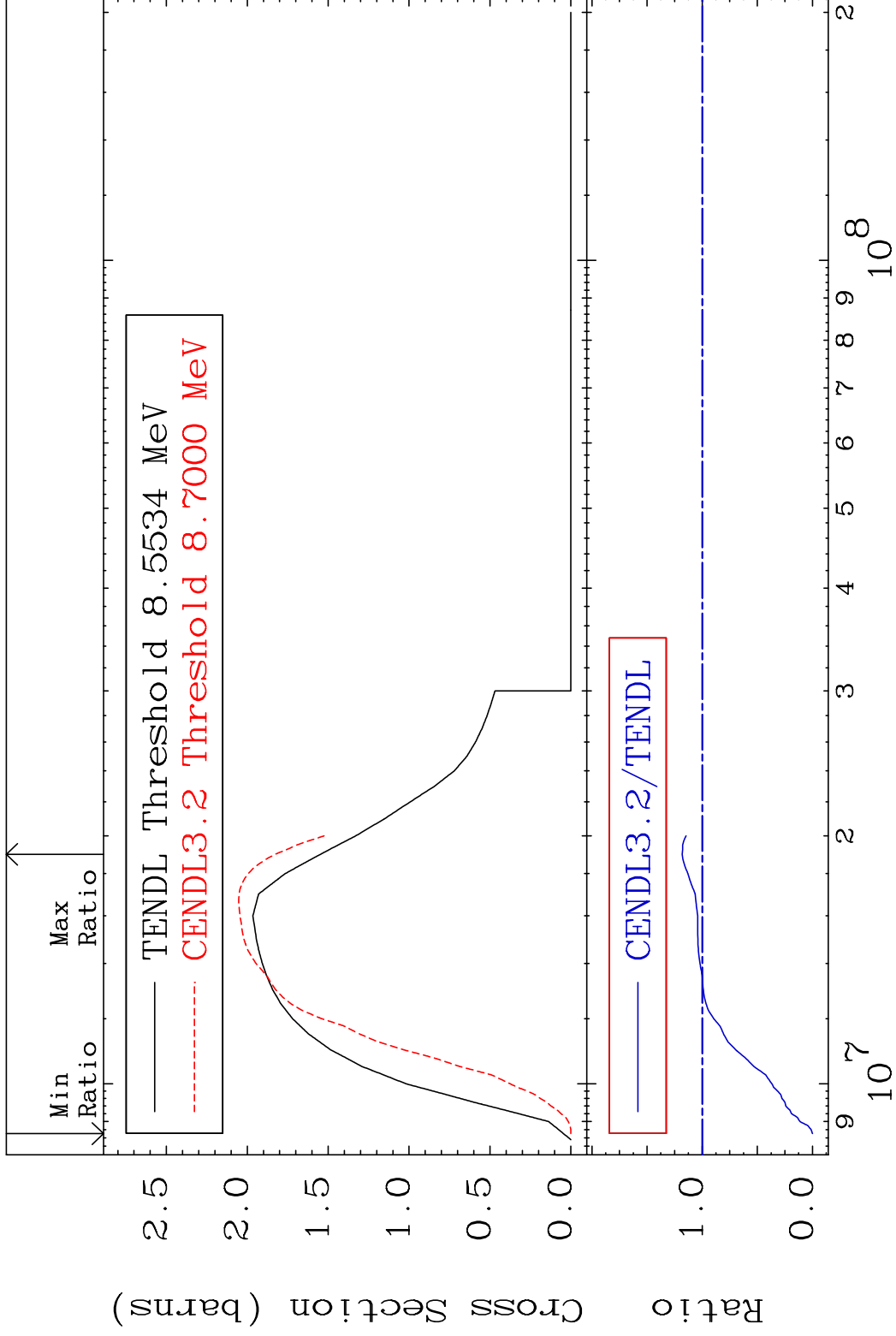
3 Incident Energy (eV) 72-Hf-174

MAT 7225

(n,2n)

72-Hf-174

Cross Section -100.0 To 18.17 %



4

Incident Energy (eV)

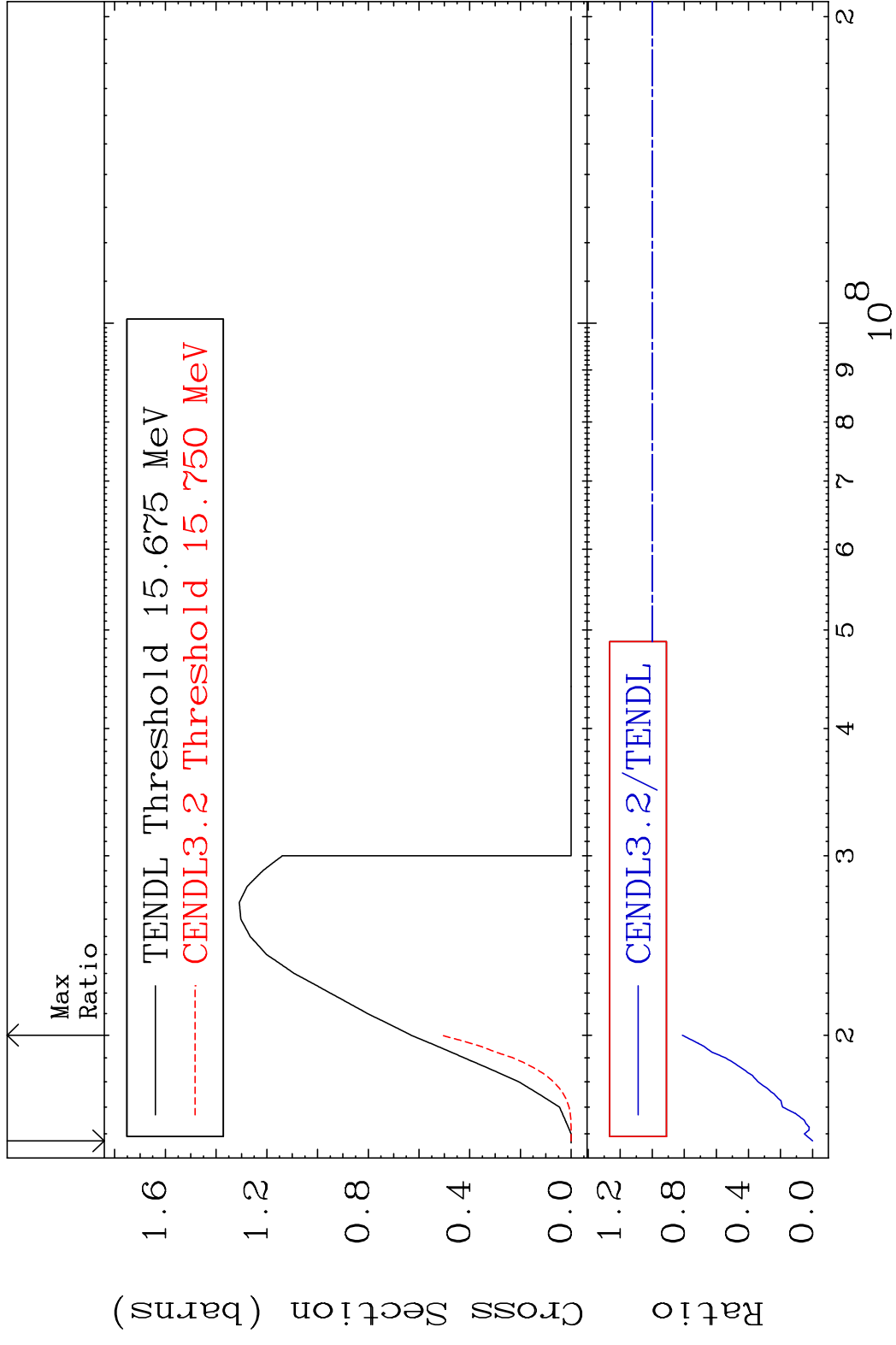
72-Hf-174

MAT 7225

(n,3n)

72-Hf-174

Cross Section -100.0 To -18.78%



5

Incident Energy (eV)

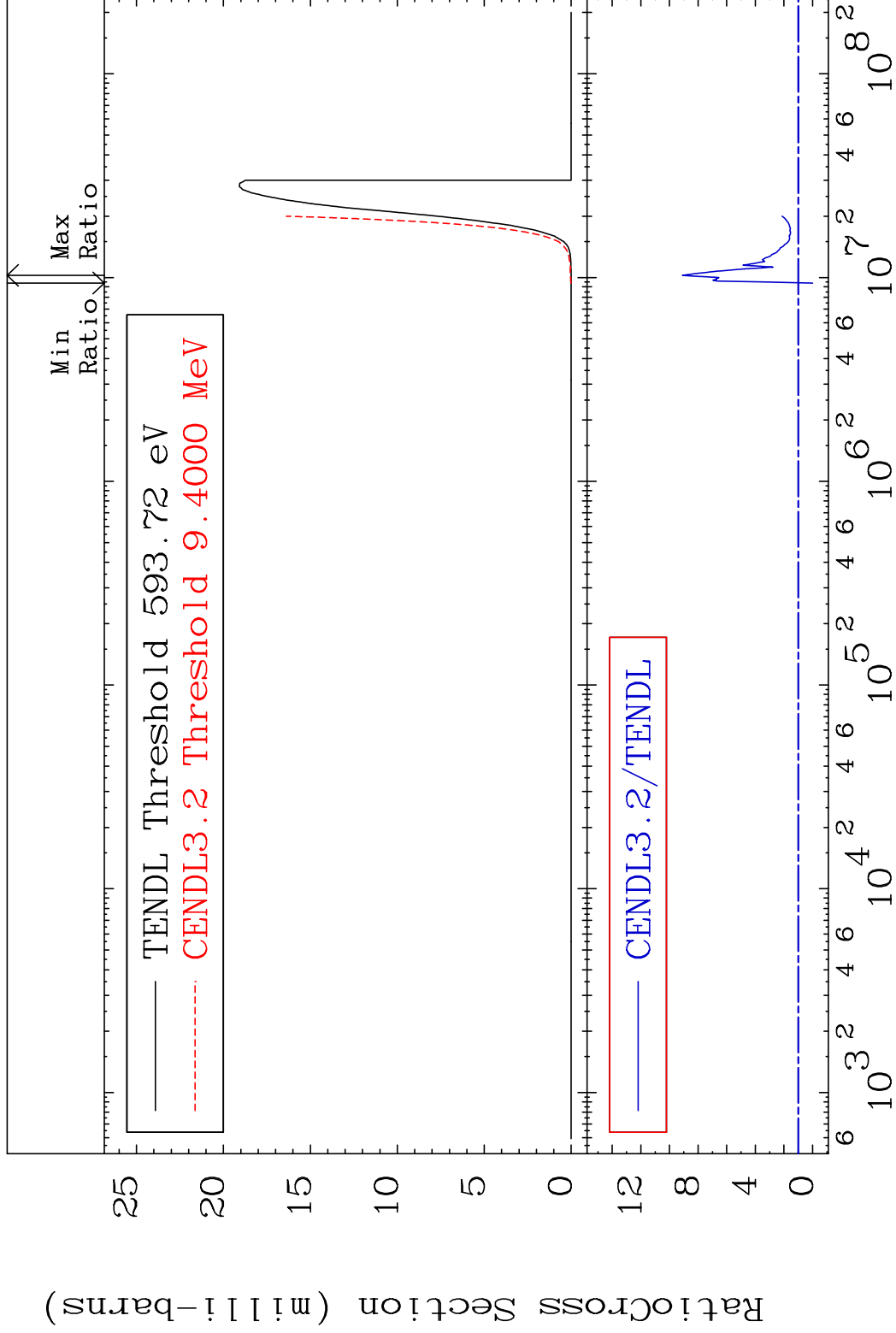
72-Hf-174

MAT 7225

(n, n') α

72-Hf-174

Cross Section -100.0 To 809.9 %



6

Incident Energy (eV)

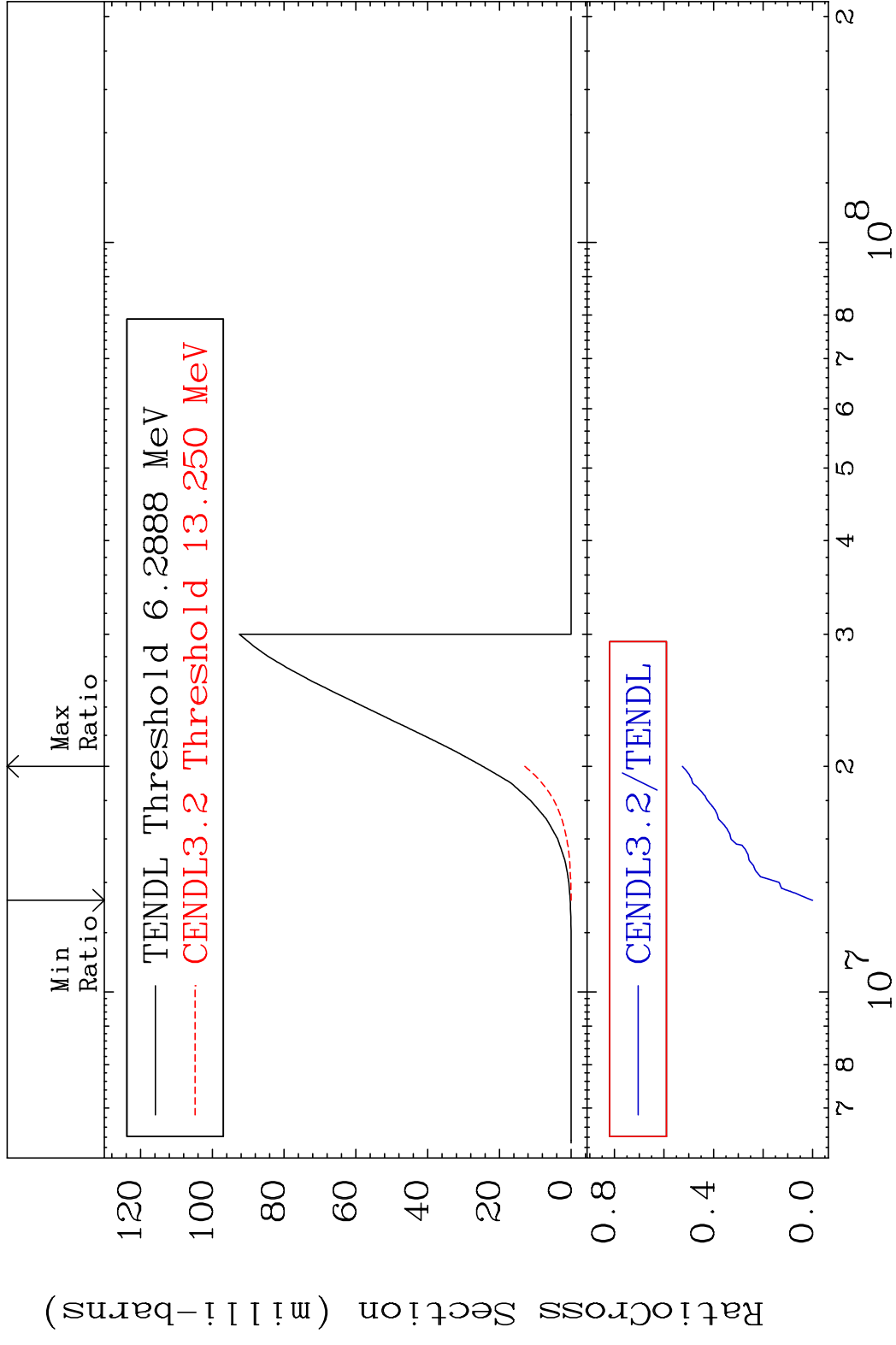
72-Hf-174

MAT 7225

72-Hf-174

(n, n') p

Cross Section -100.0 To -47.41%

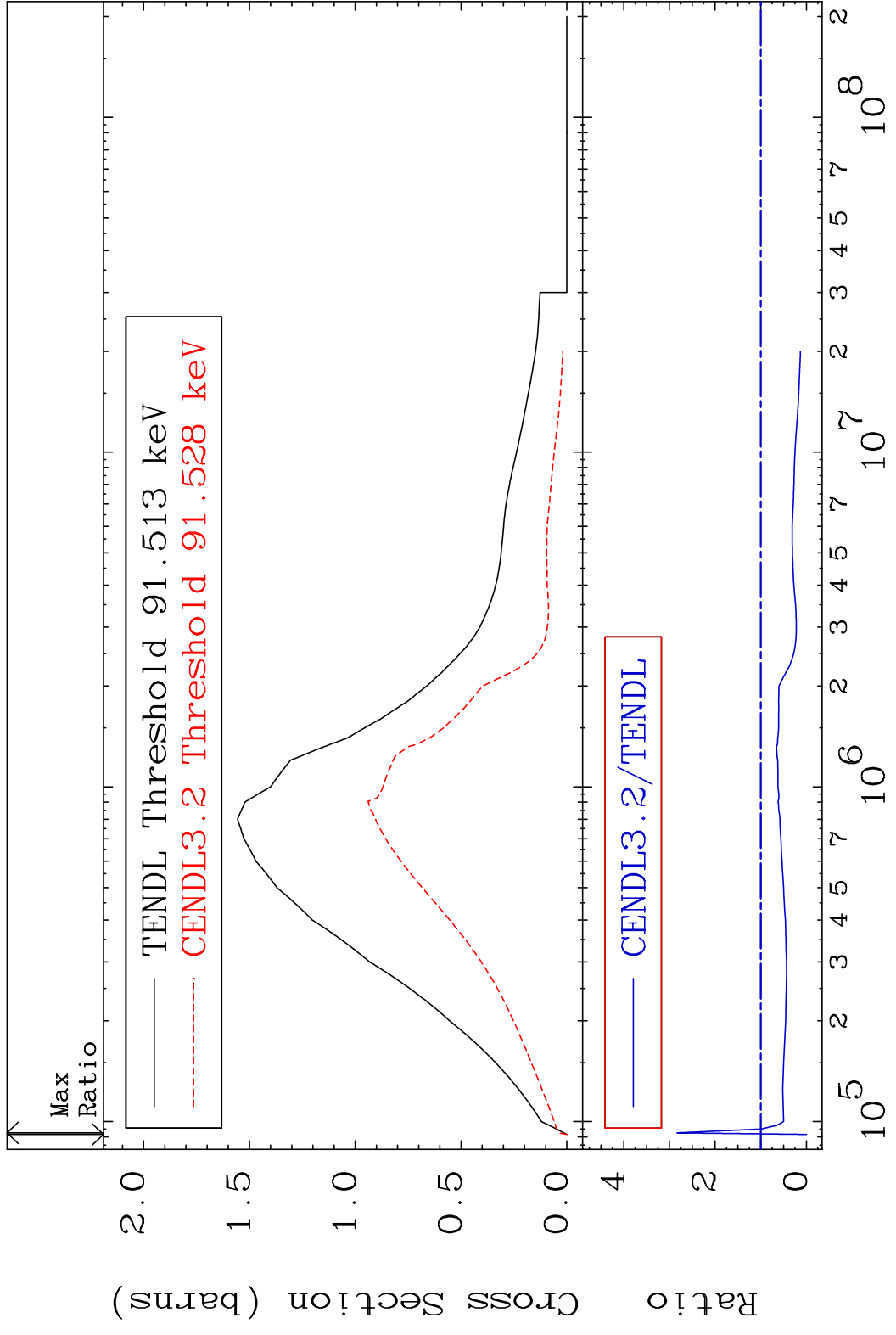


7

Incident Energy (eV)

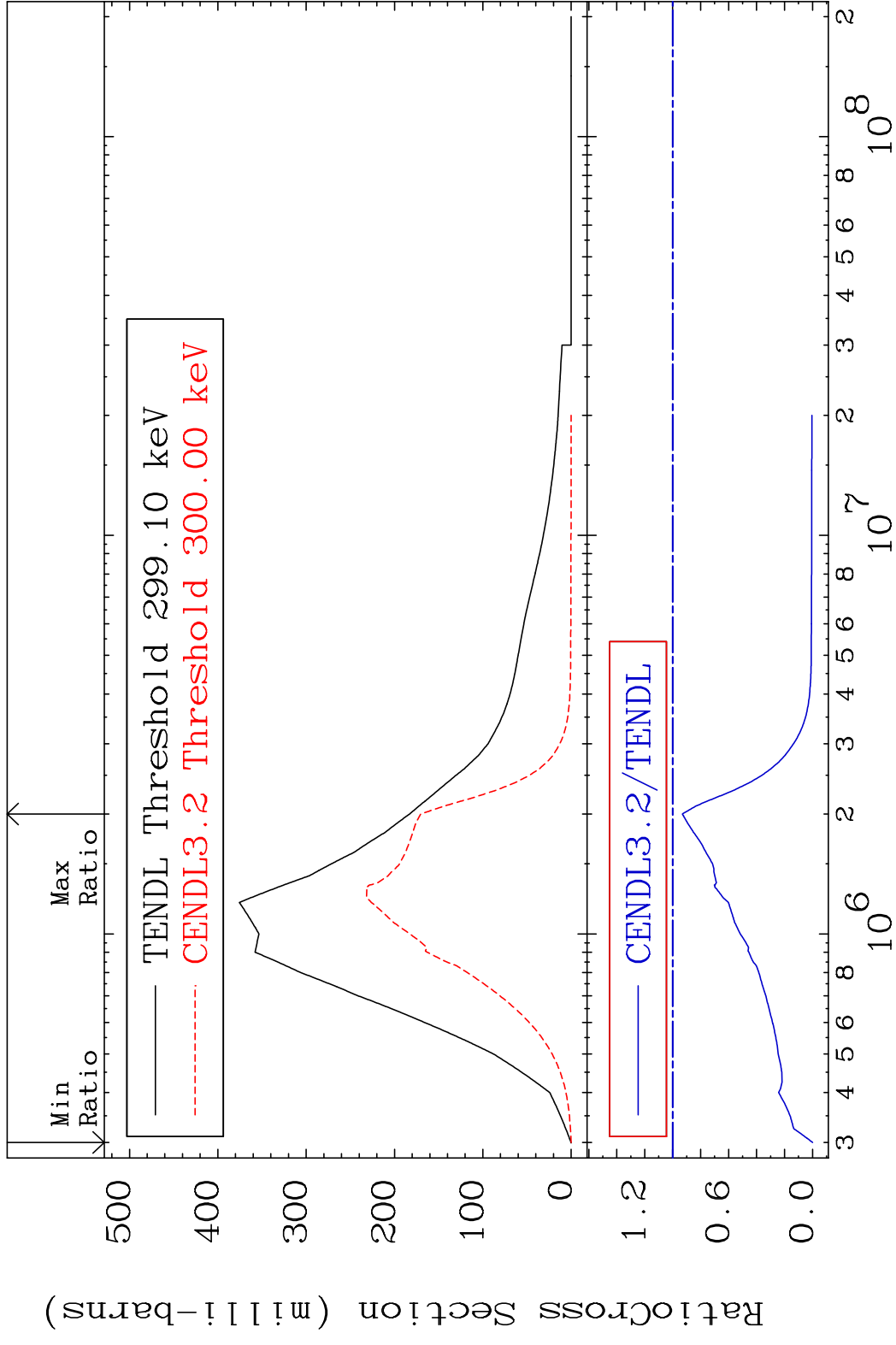
72-Hf-174

MAT 7225 MT= 51 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 182.9 %

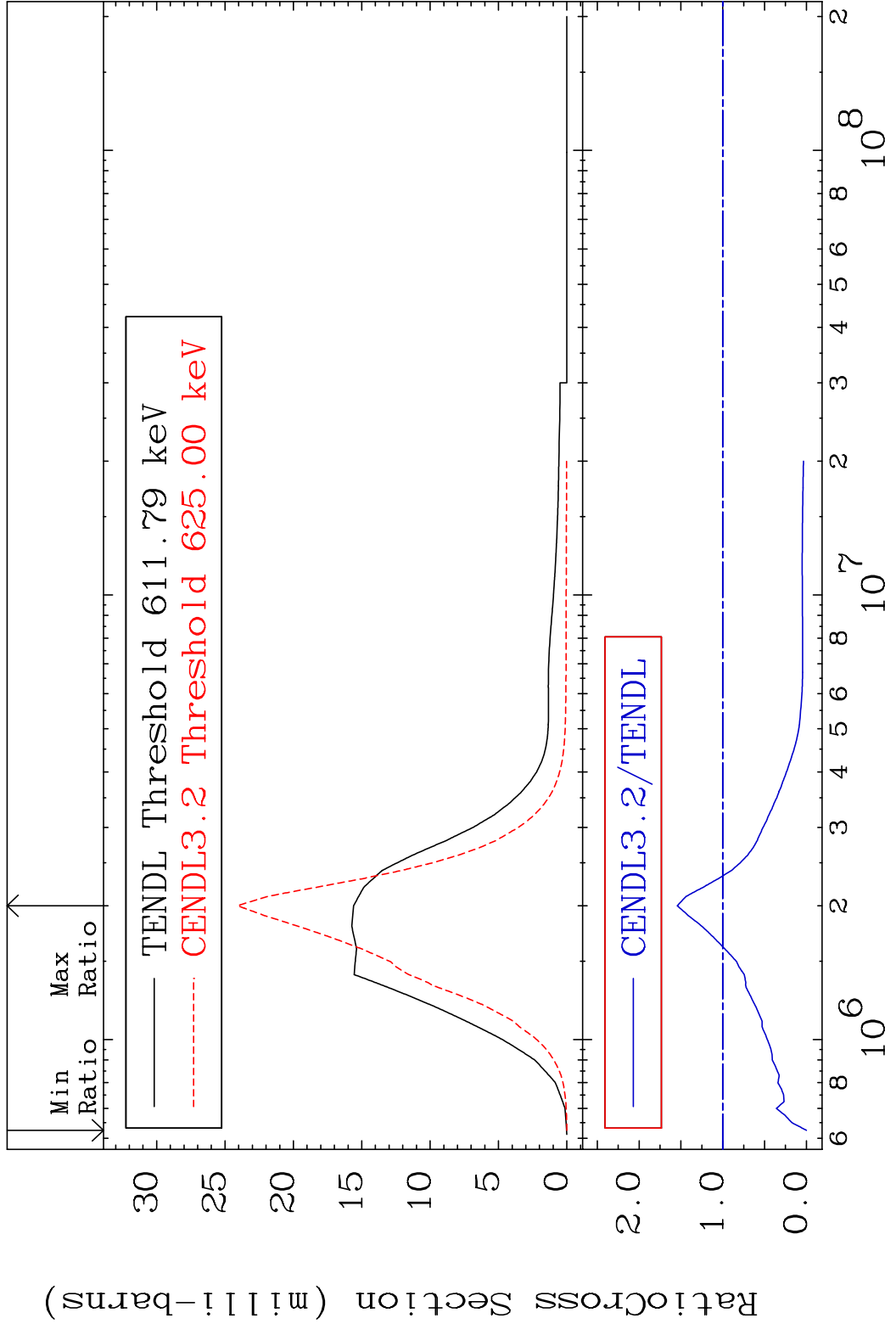


8 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 52 (n, n') Level 72-Hf-174
 Cross Section -100.0 To -6.906%

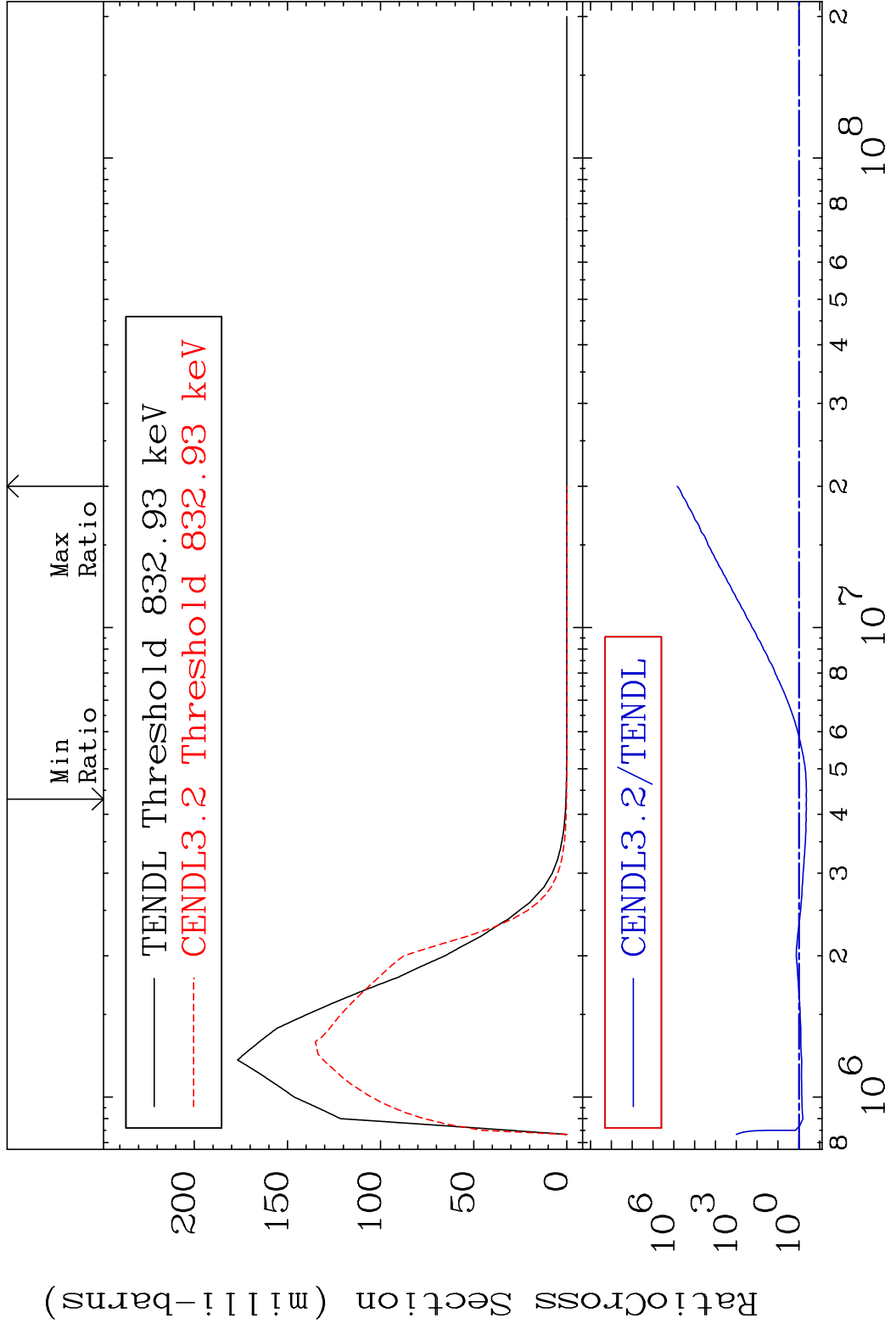


MAT 7225 MT= 53 (n,n') Level 72-Hf-174
 Cross Section -100.0 To 54.48 %



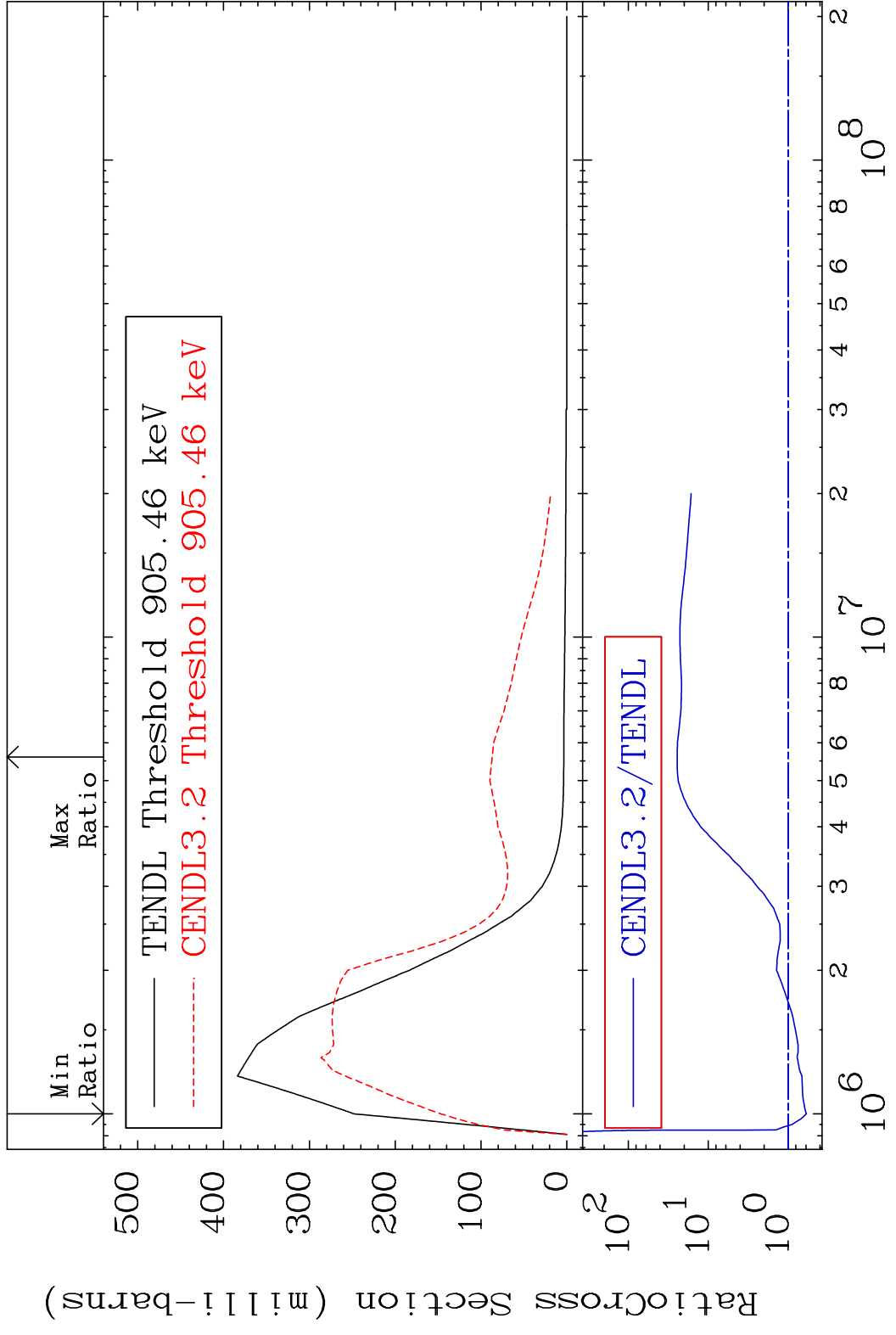
10 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 54 (n, n') Level 72-Hf-174
 Cross Section -56.47 To 9999. %



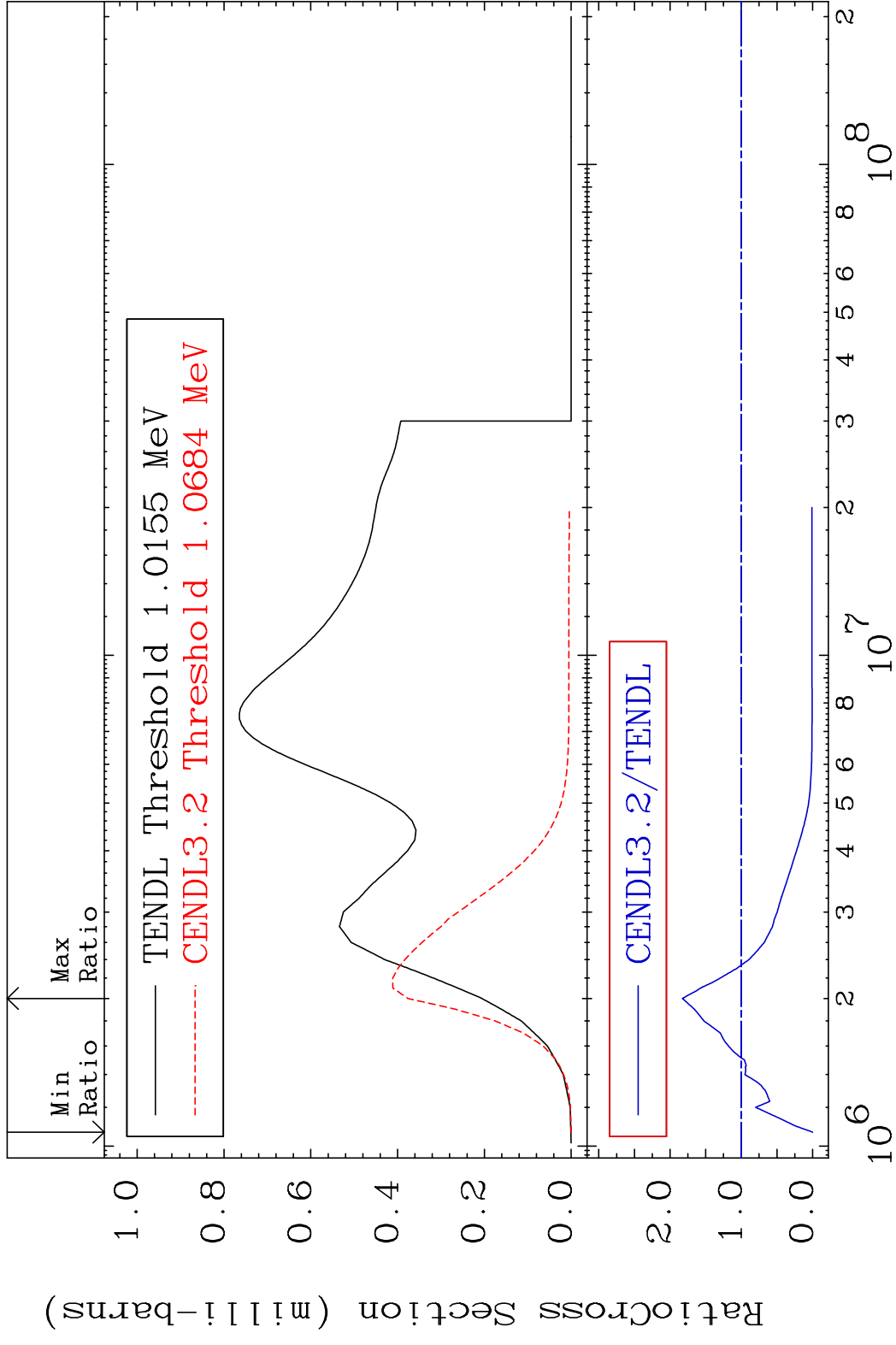
11 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 55 (n,n') Level 72-Hf-174
 Cross Section -40.87 To 2344. %

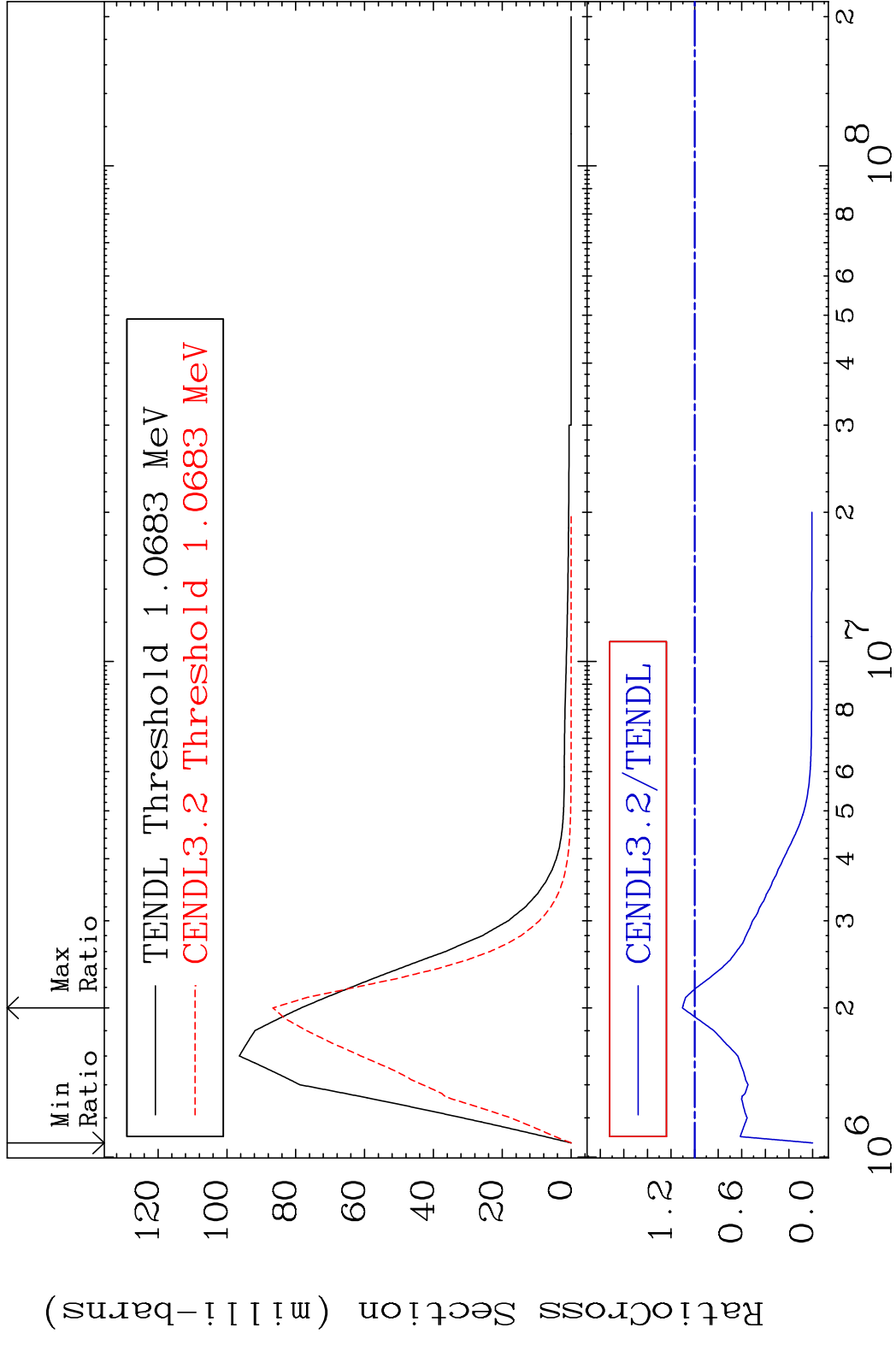


12 Incident Energy (eV) 72-Hf-174

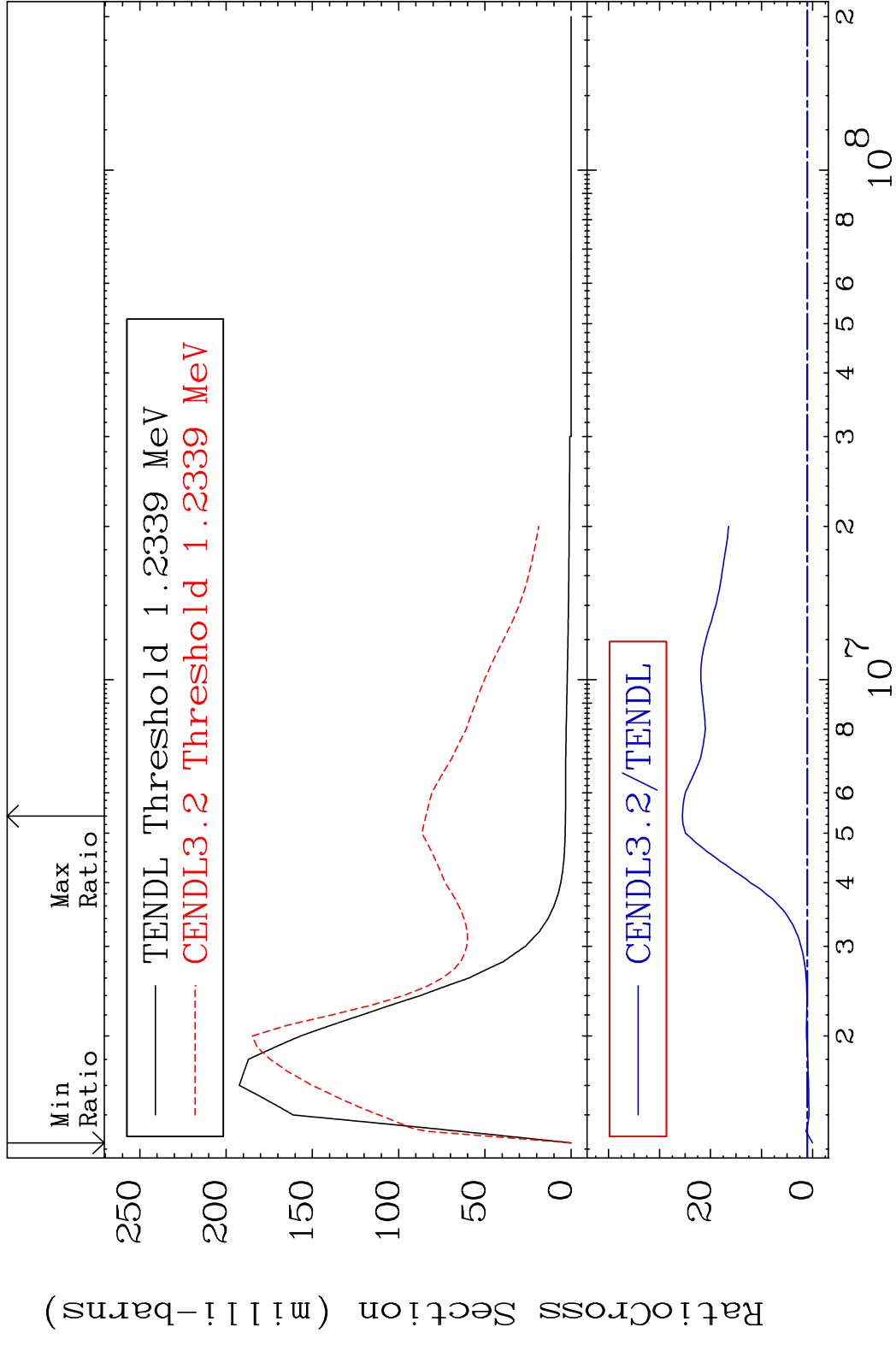
MAT 7225 MT= 56 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 82.72 %



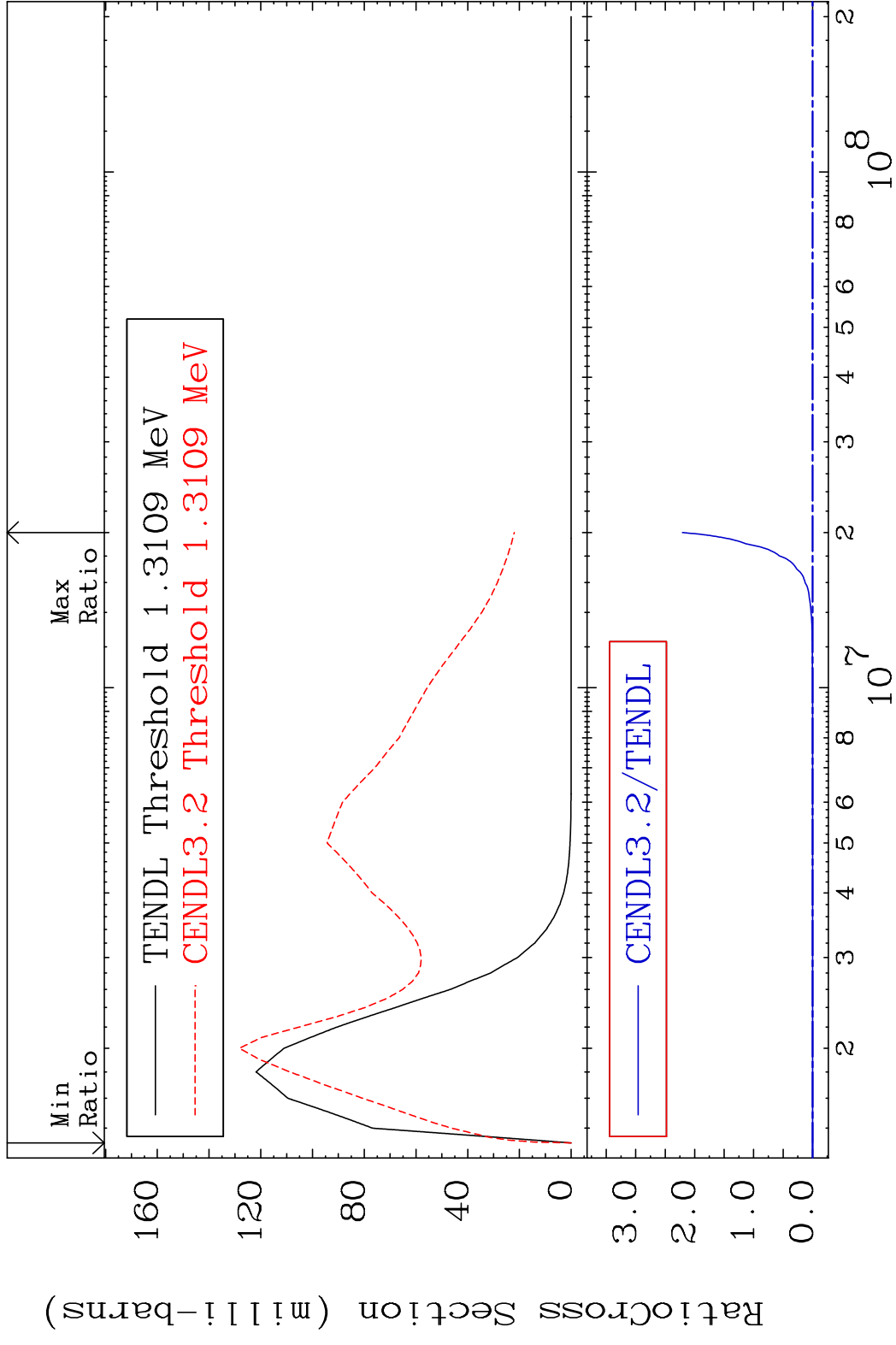
MAT 7225 MT= 57 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 10.40 %



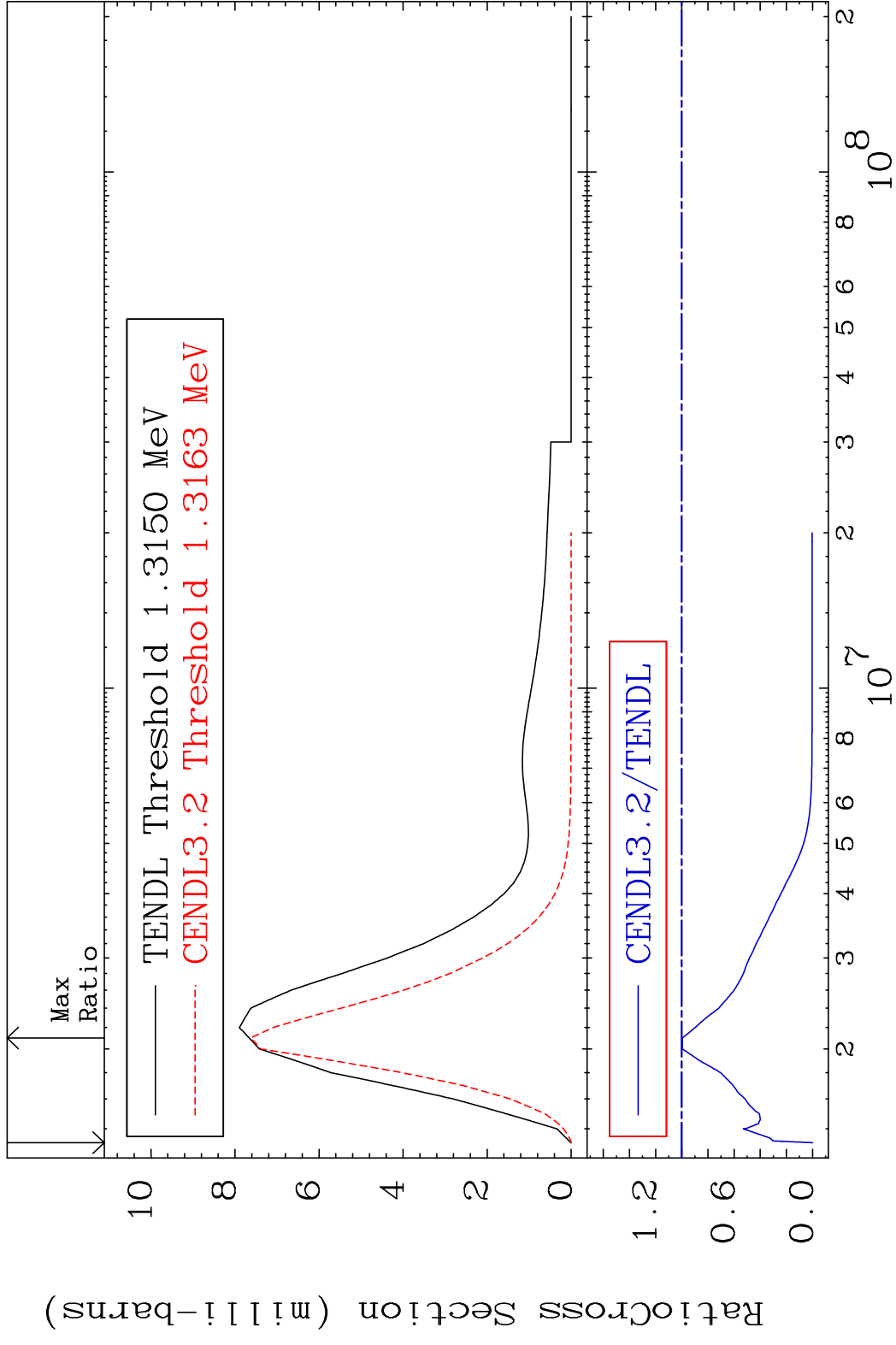
MAT 7225 MT= 58 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 2452. %



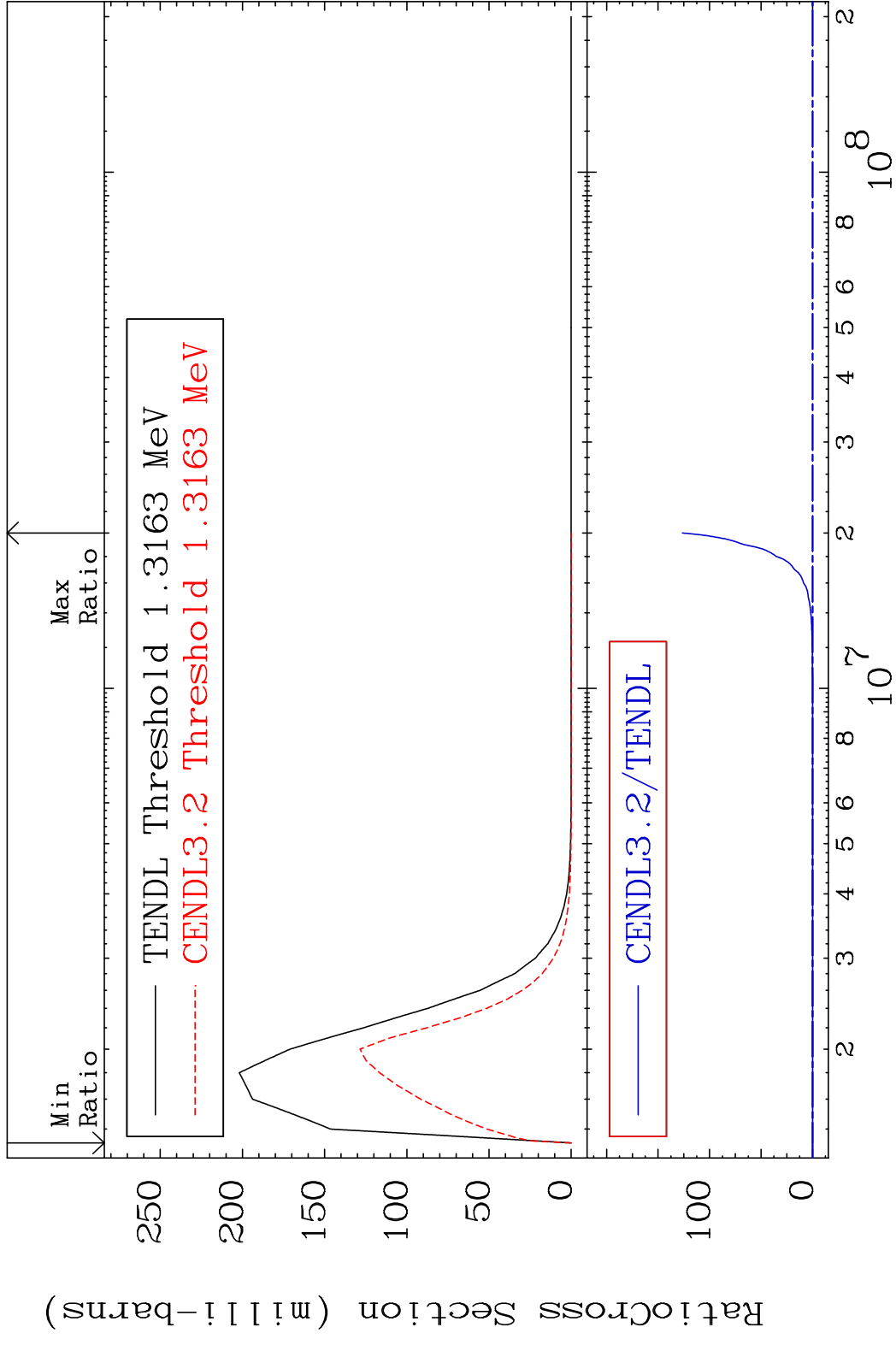
MAT 7225 MT= 59 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 9999. %



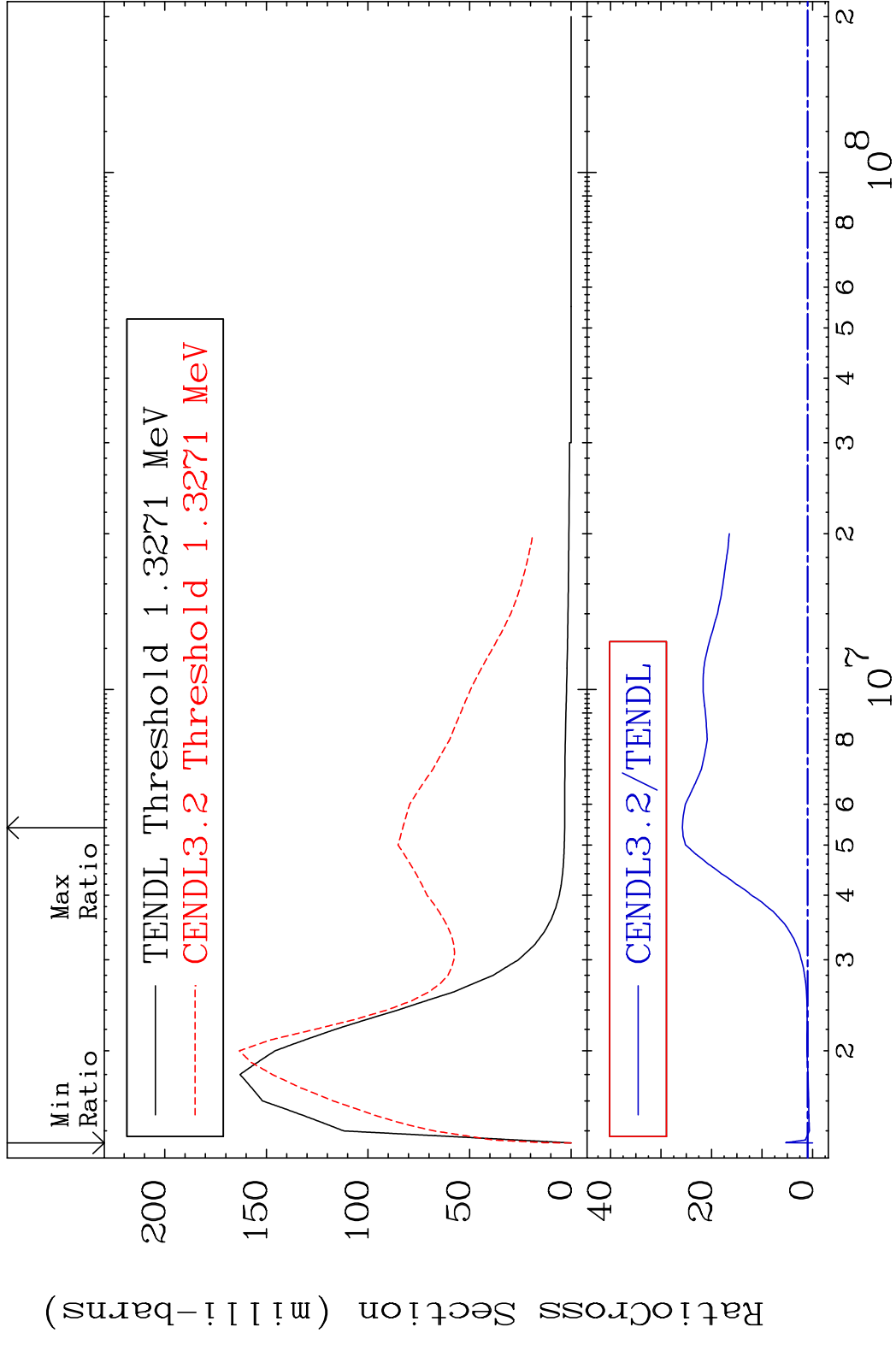
MAT 7225 MT= 60 (n, n') Level 72-Hf-174
 Cross Section -100.0 To -0.423%



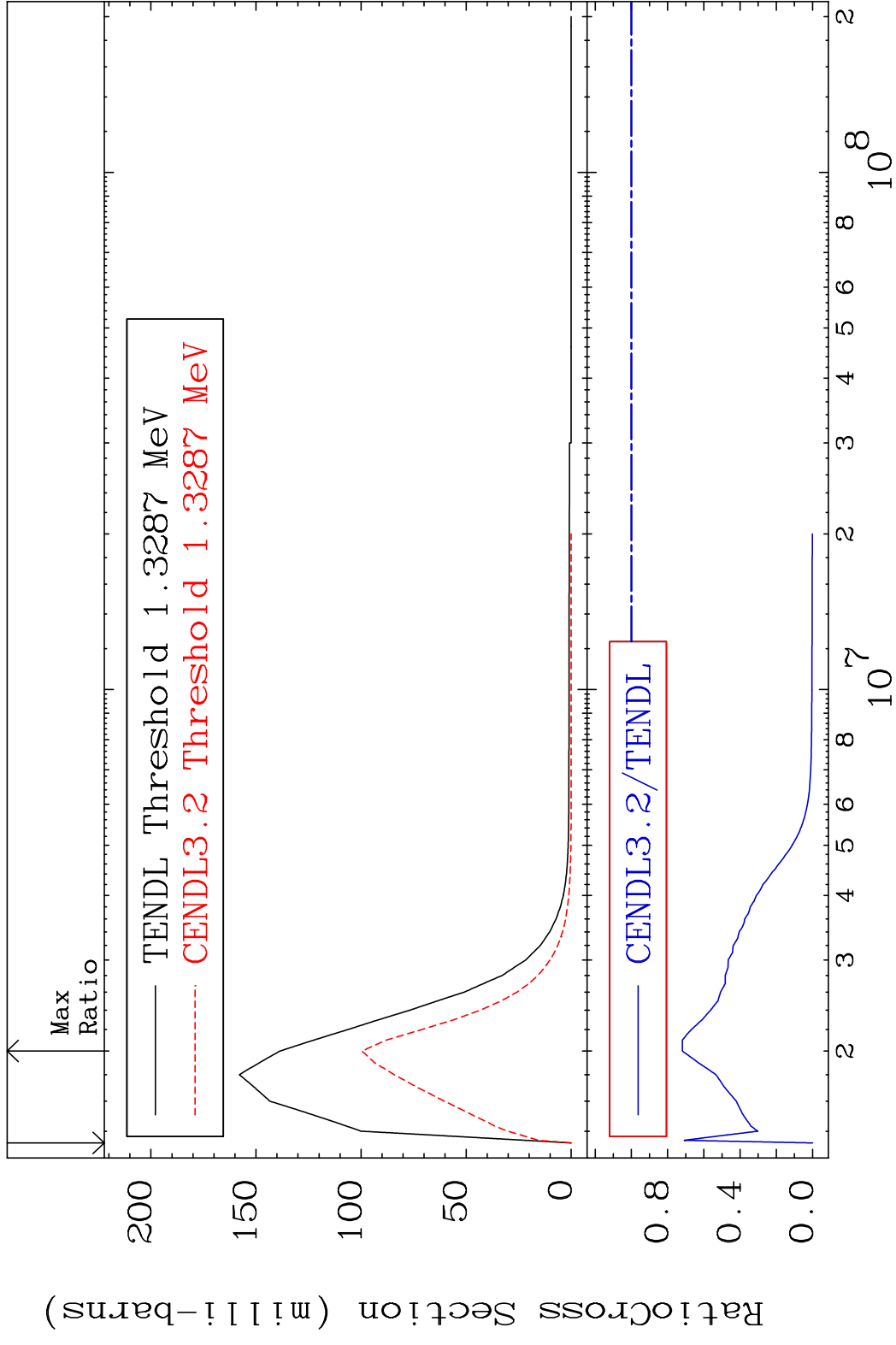
MAT 7225 MT= 61 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 9999. %



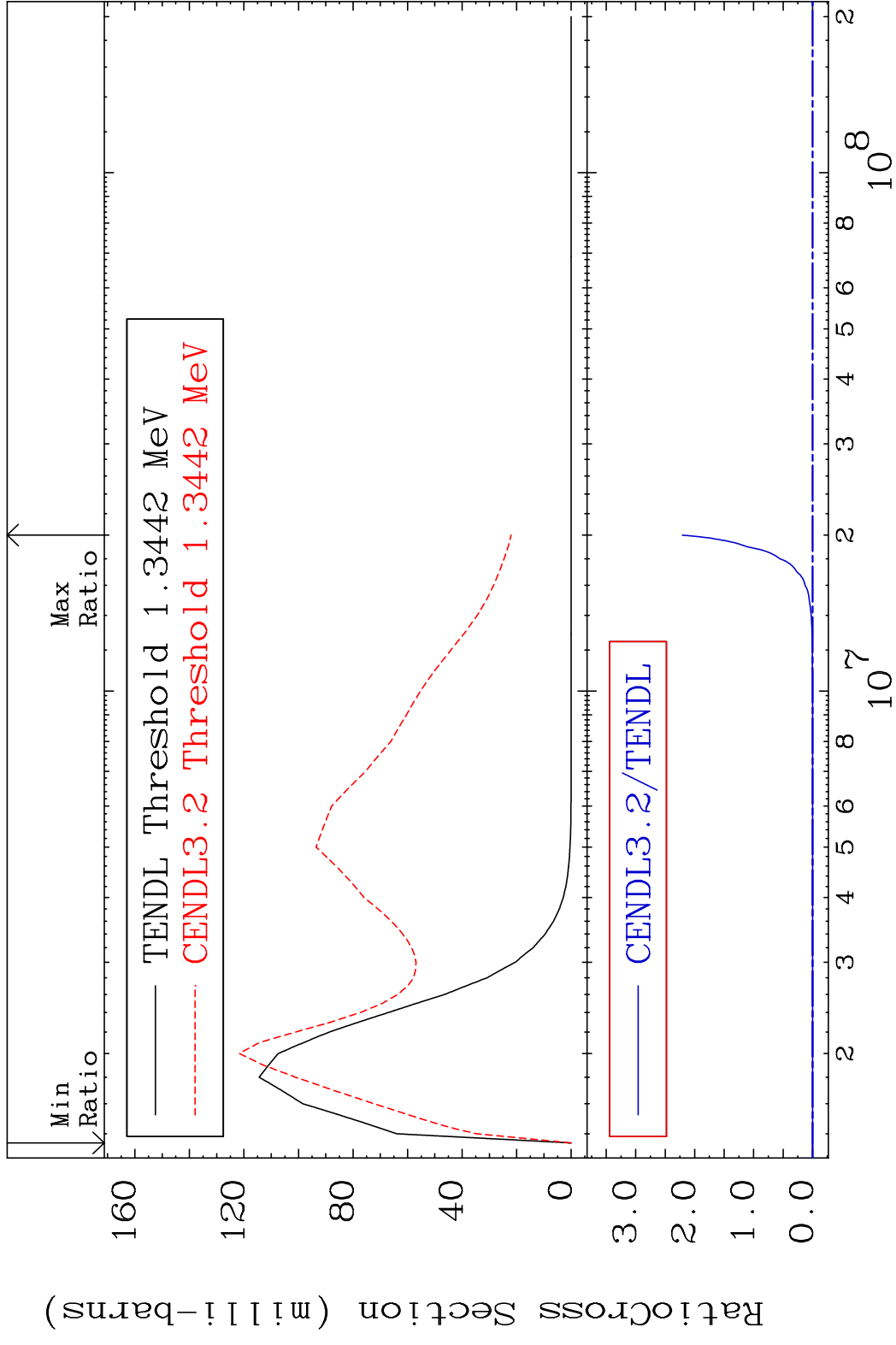
MAT 7225 MT= 62 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 2478. %



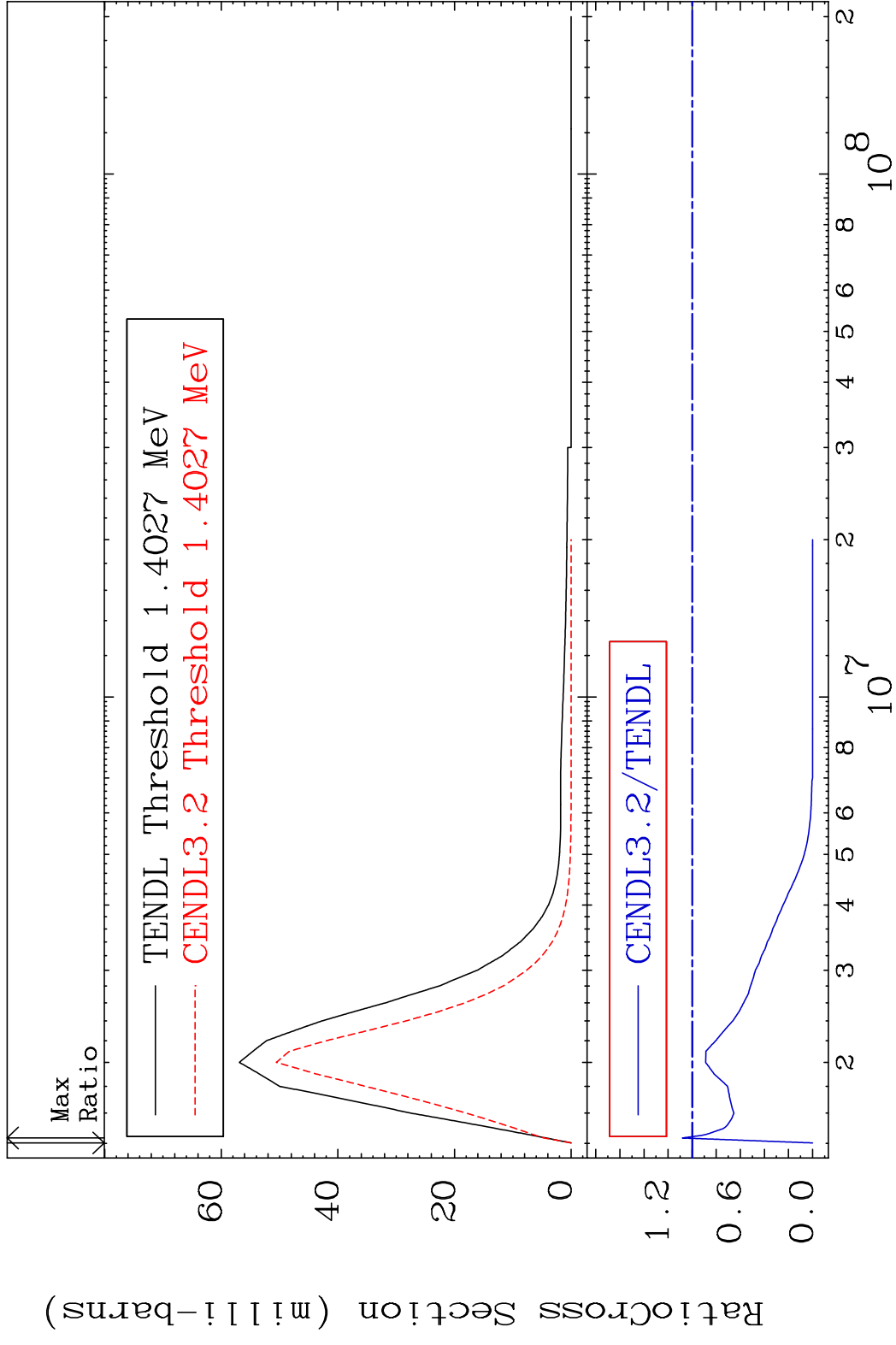
MAT 7225 MT= 63 (n, n') Level 72-Hf-174
 Cross Section -100.0 To -28.13%



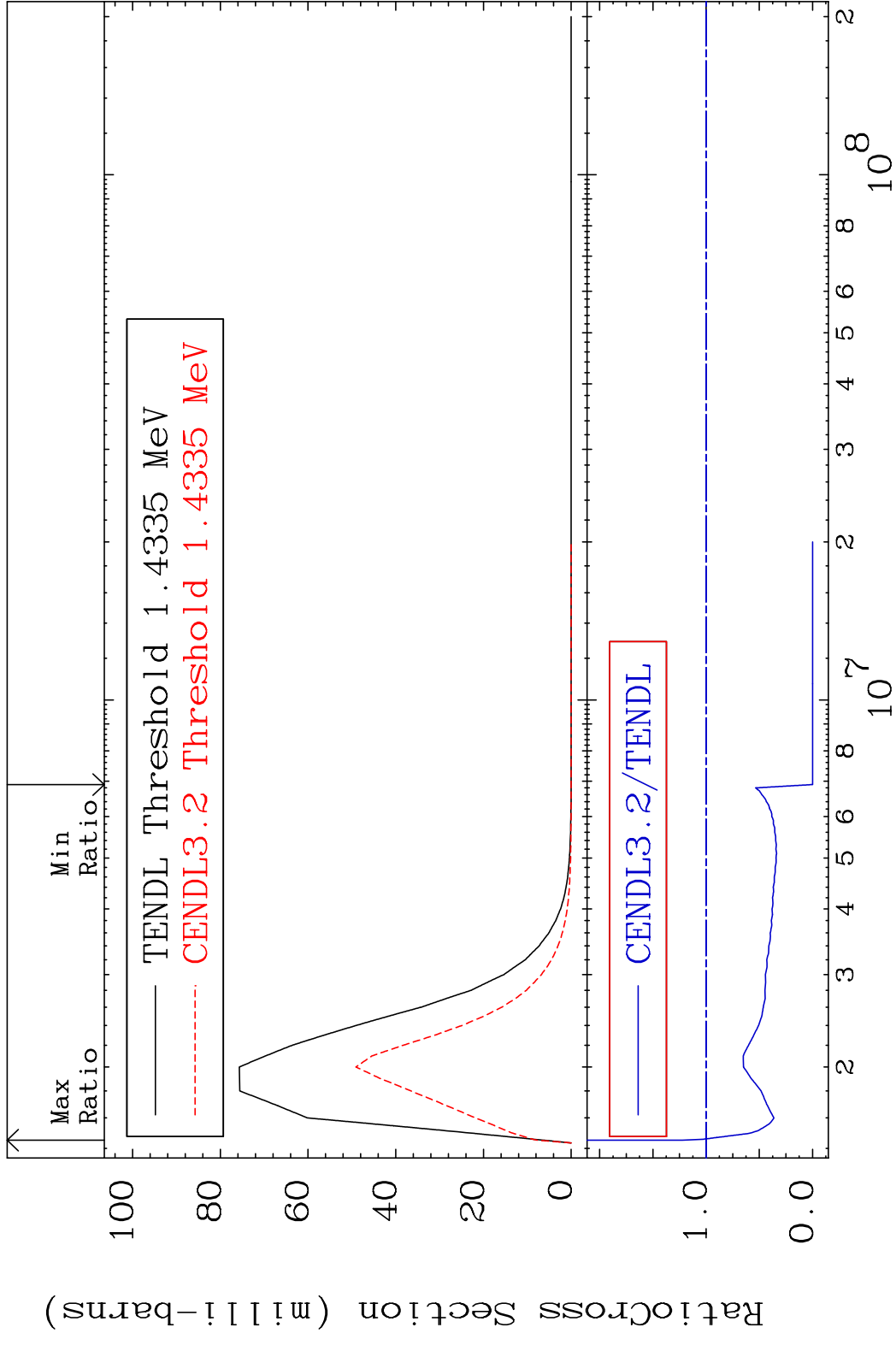
MAT 7225 MT= 64 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 9999. %



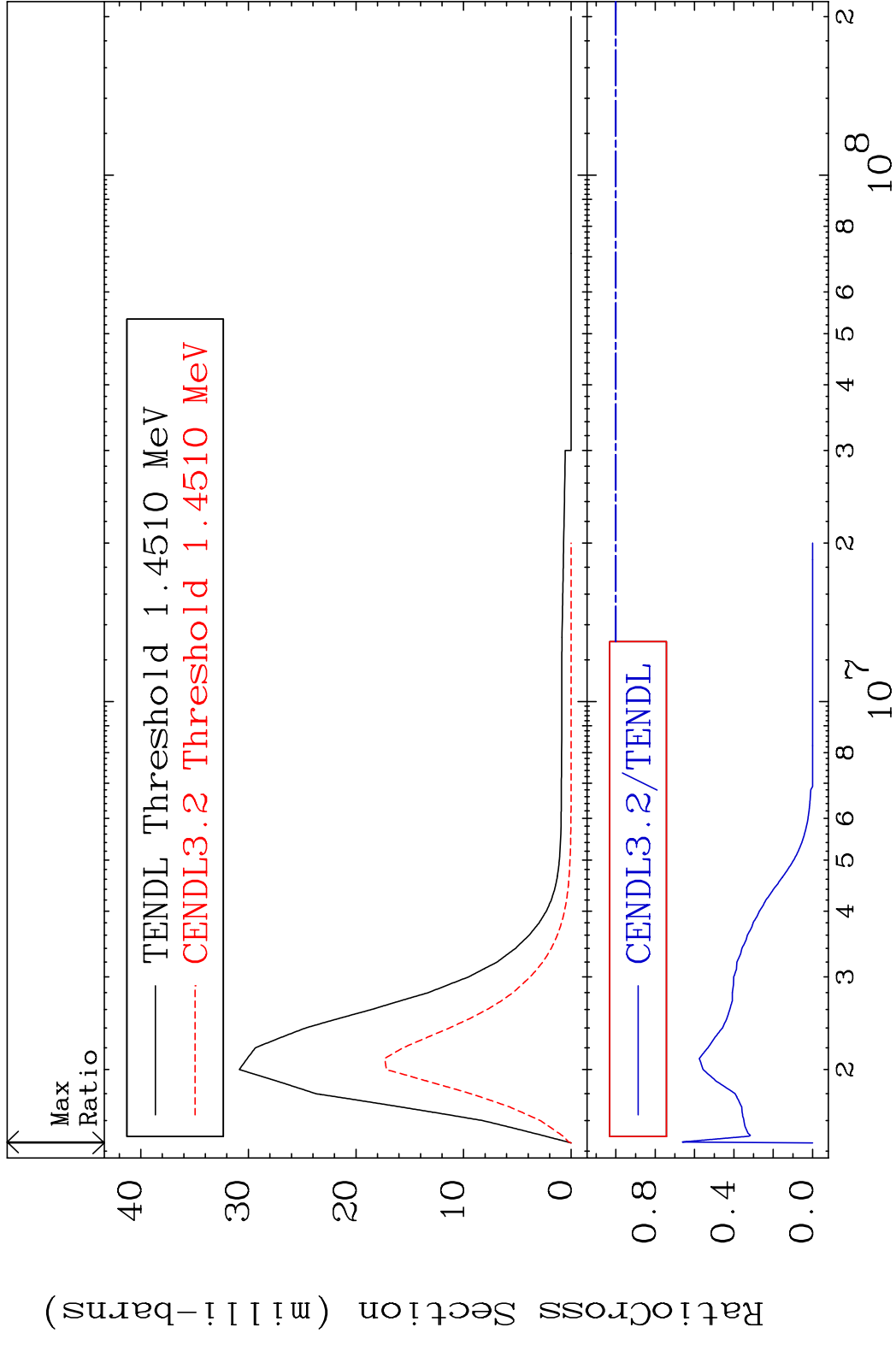
MAT 7225 MT= 65 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 8.133 %



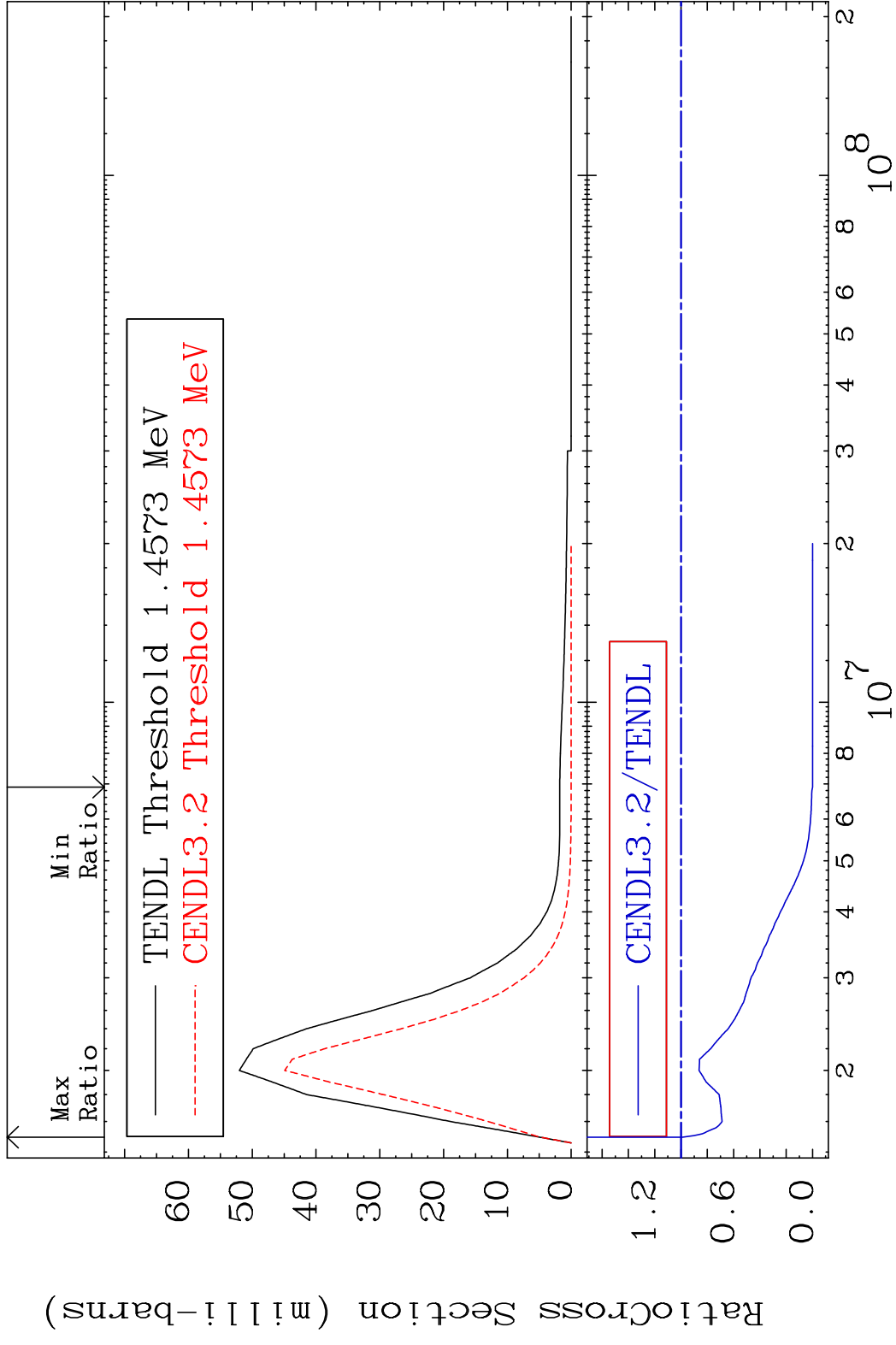
MAT 7225 MT= 66 (n, n') Level 72-Hf-174
 Cross Section -100.0 To 22.34 %



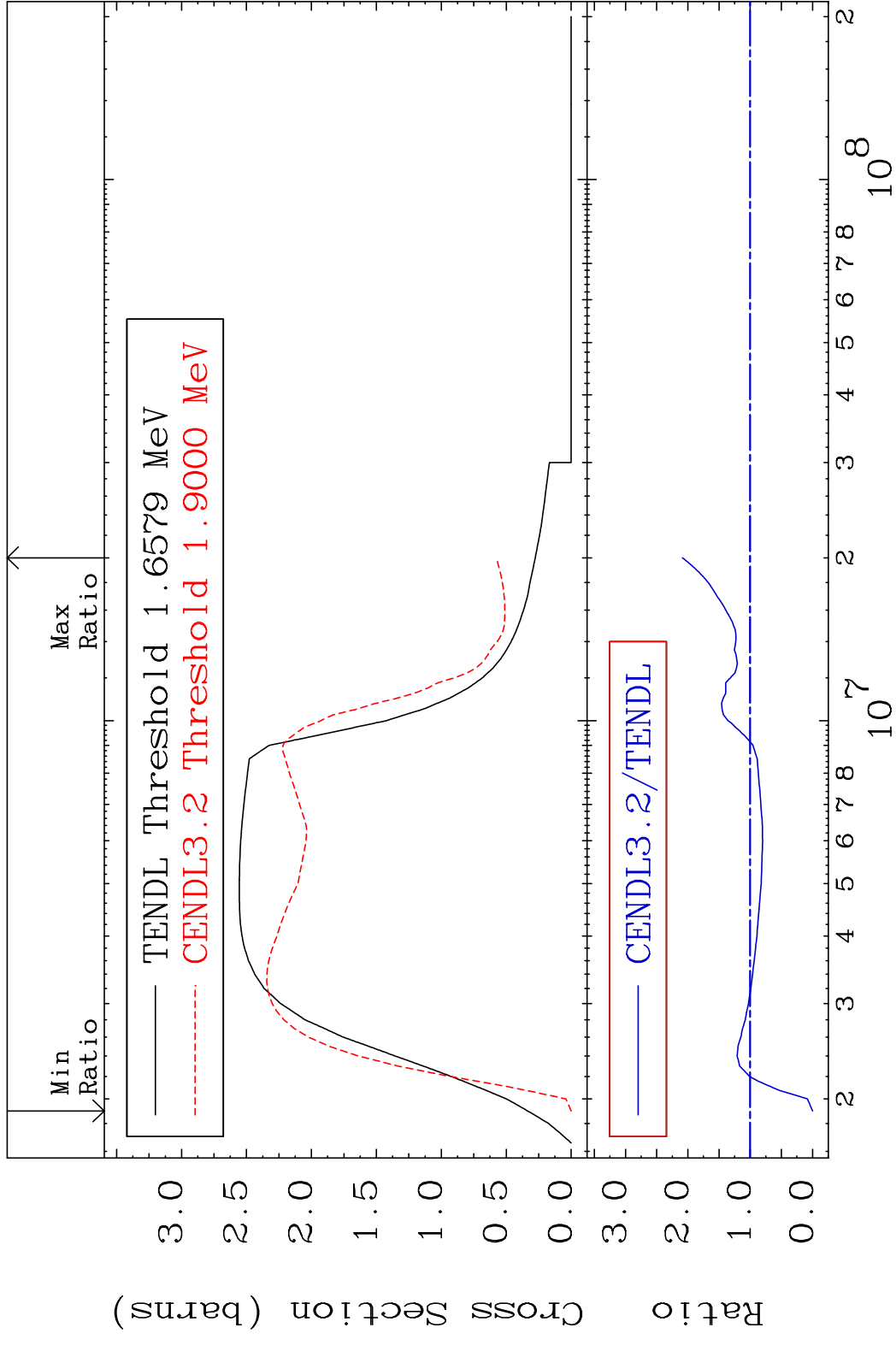
MAT 7225 MT= 67 (n, n') Level 72-Hf-174
 Cross Section -100.0 To -33.80%



MAT 7225 MT= 68 (n, n') Level 72-Hf-174
 Cross Section -100.0 To -0.996%



MAT 7225 (n, n') Continuum 72-Hf-174
 Cross Section -100.0 To 108.8 %

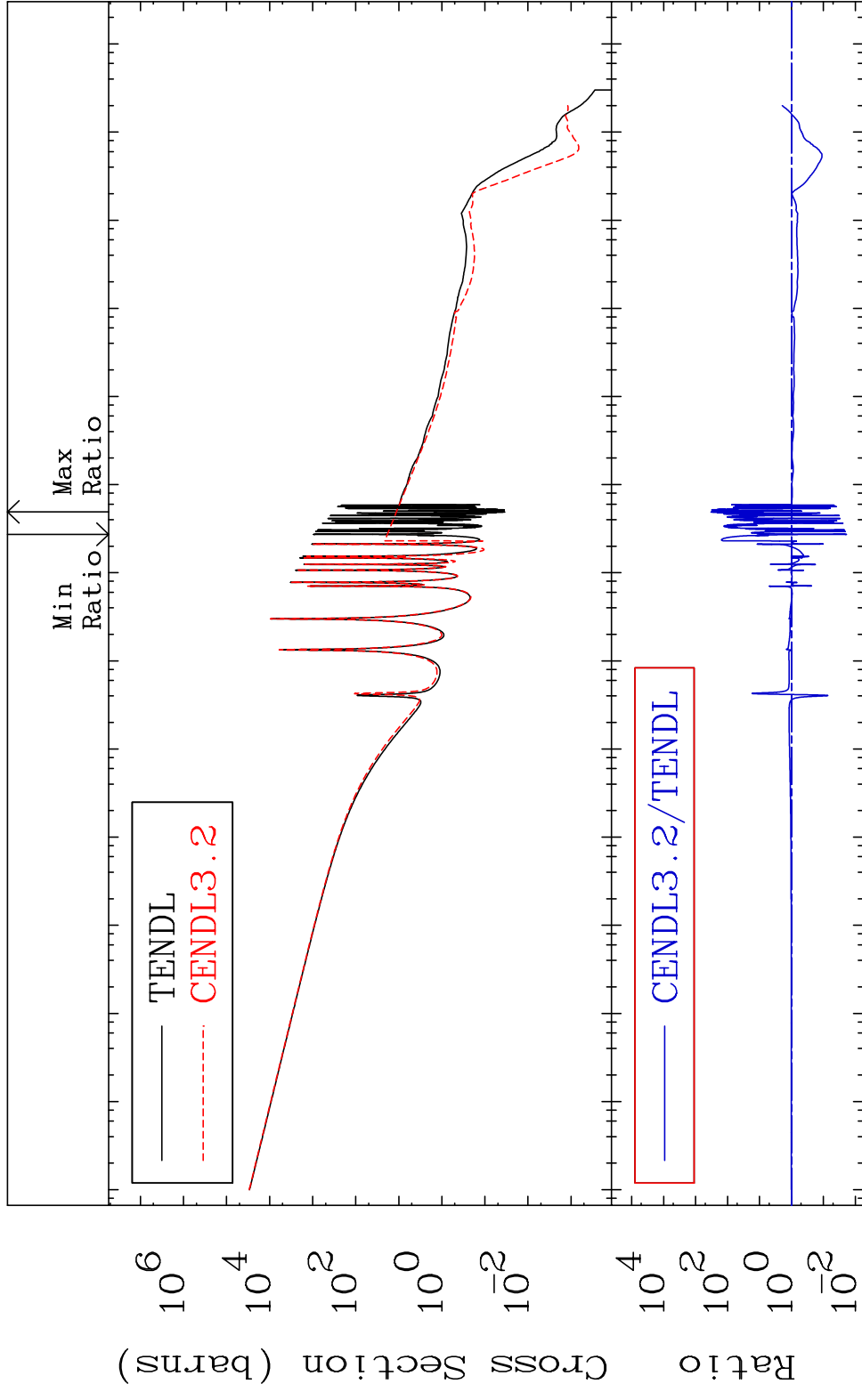


MAT 7225

72-Hf-174

(n, γ)

Cross Section -98.08 To 9999. %



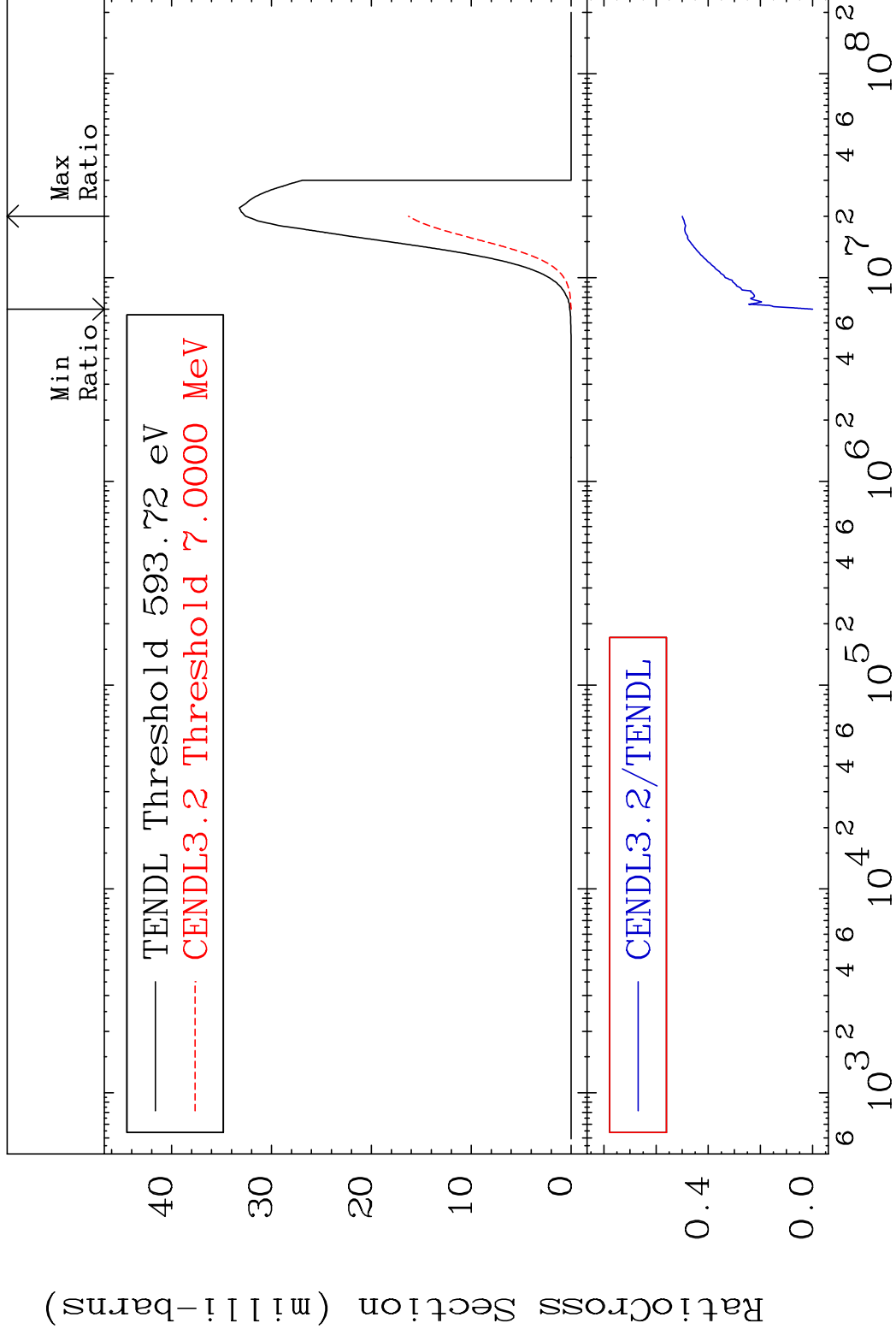
MAT 7225

(n,p)

72-Hf-174

Cross Section

-100.0 To -50.07%



28

Incident Energy (eV)

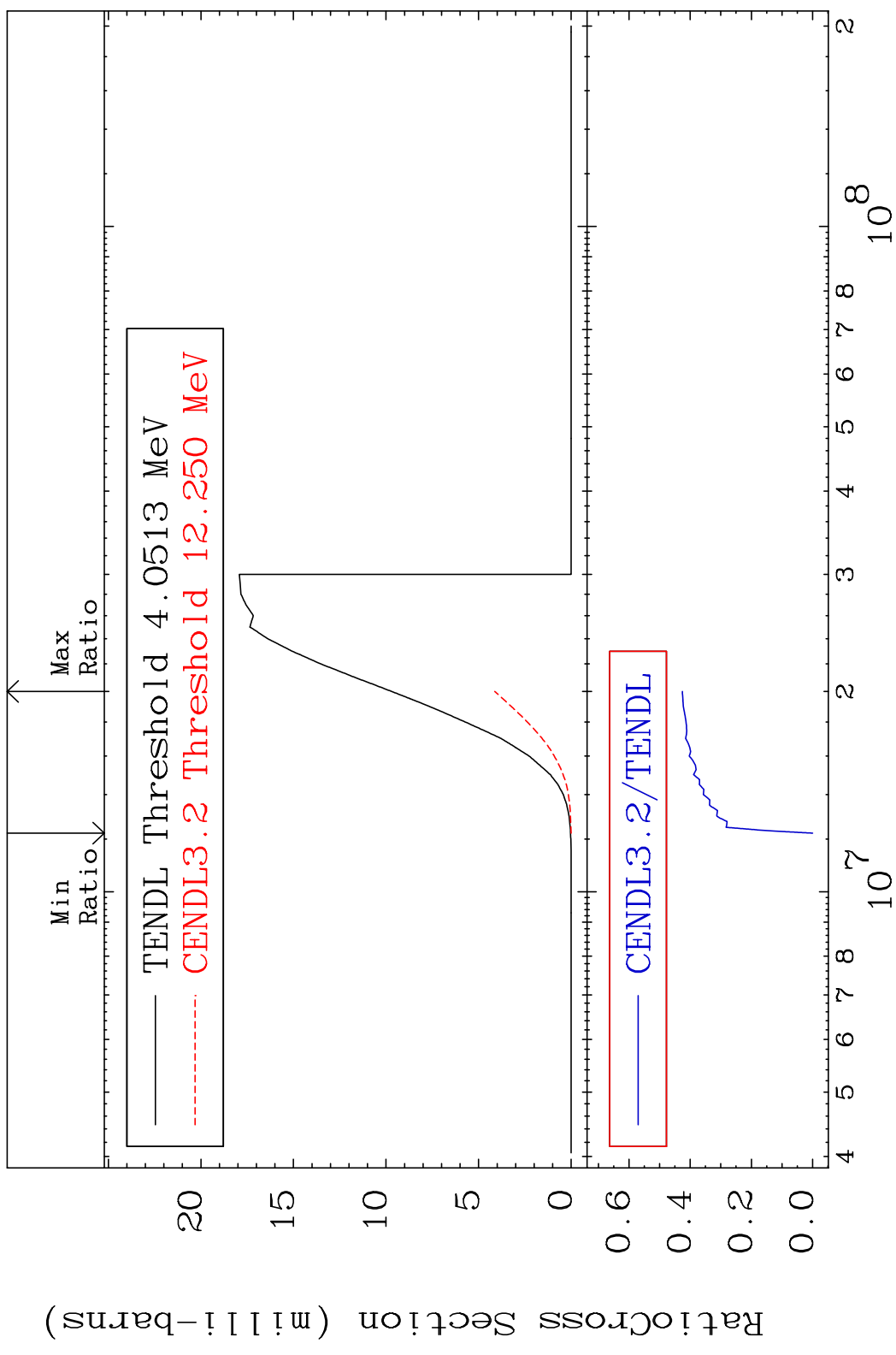
72-Hf-174

MAT 7225

(n, d)

72-Hf-174

Cross Section -100.0 To -57.43%

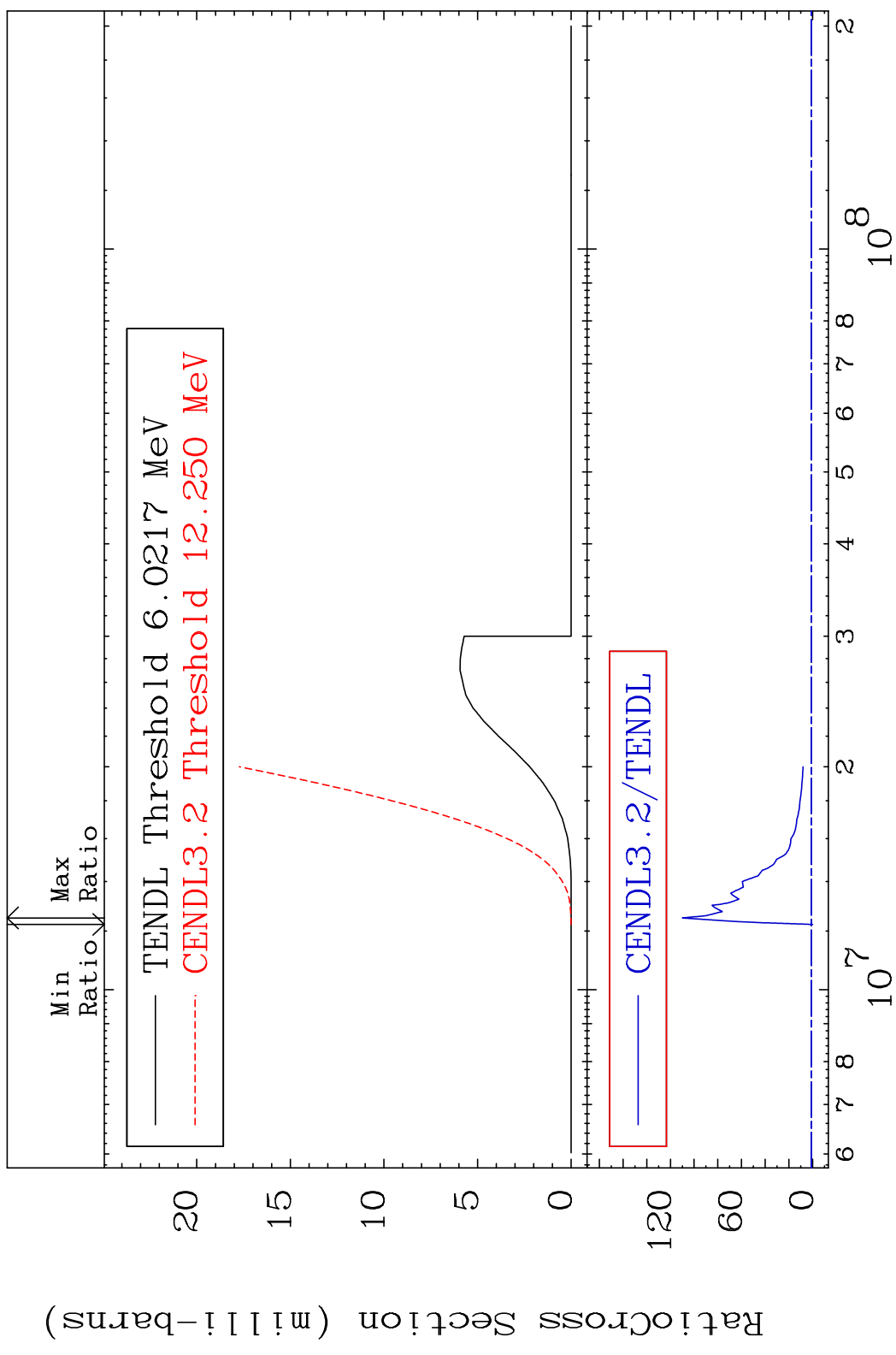


MAT 7225

(n, t)

72-Hf-174

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

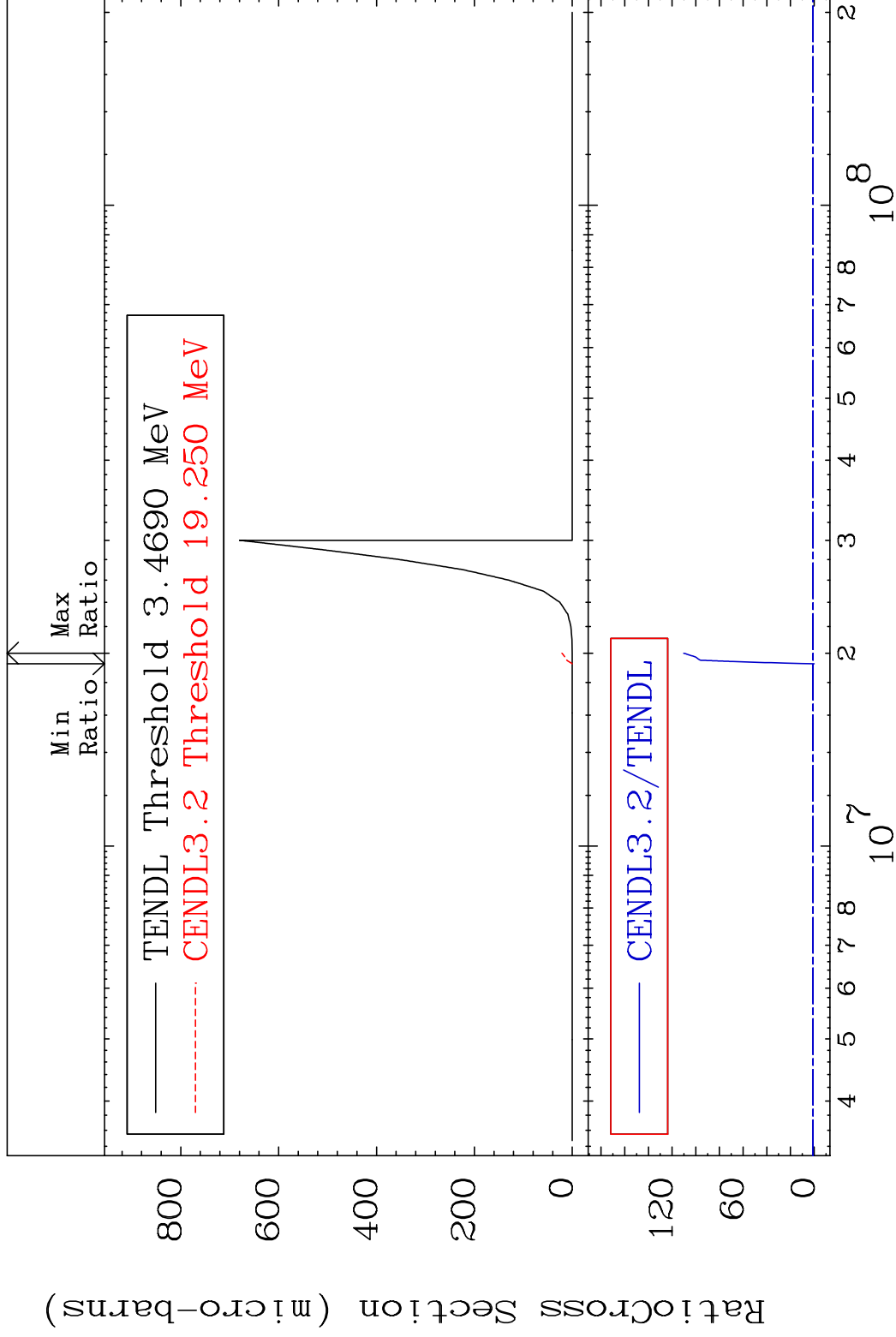
72-Hf-174

MAT 7225

(n, He-3)

72-Hf-174

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

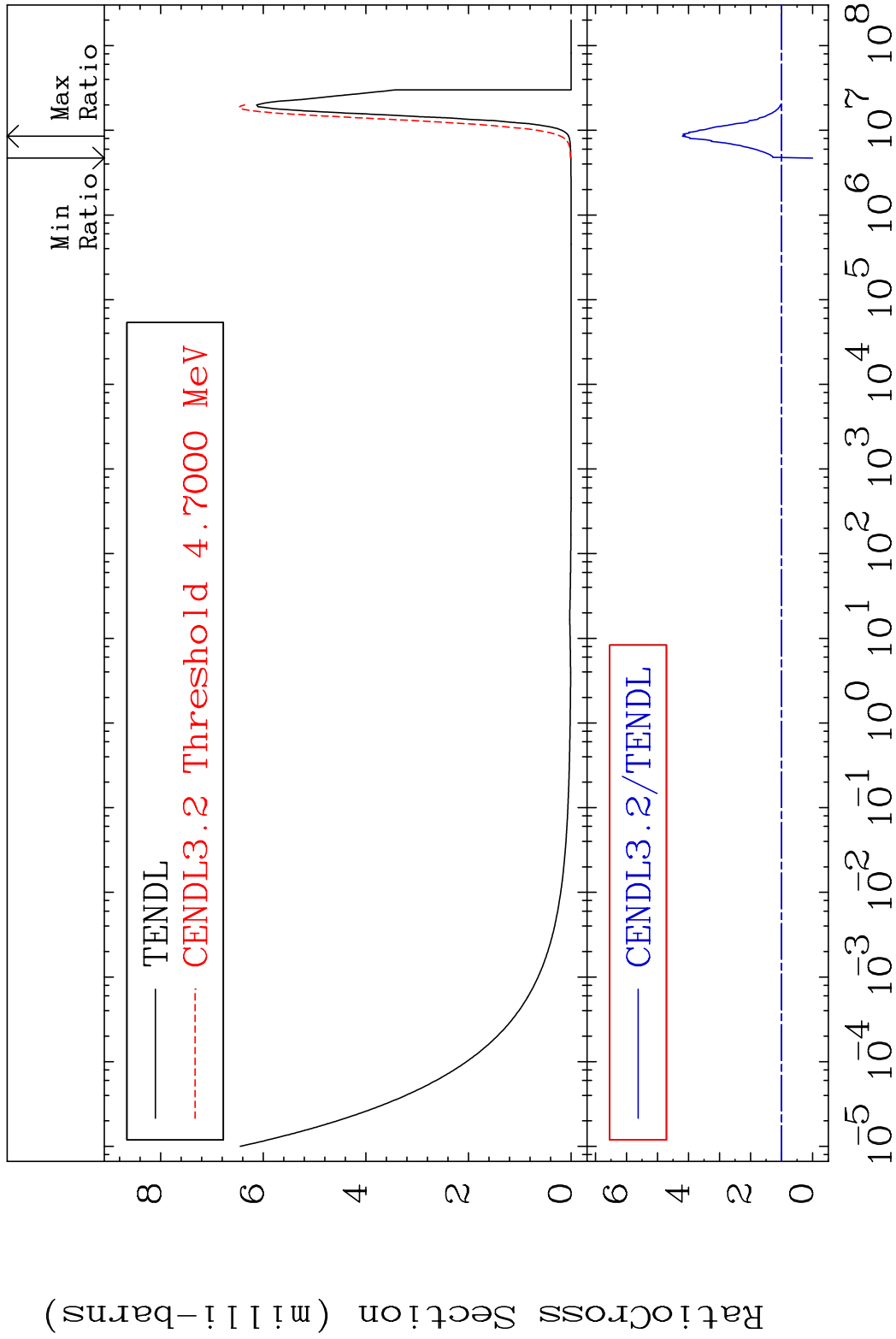
72-Hf-174

MAT 7225

(n, α)

72-Hf-174

Cross Section -100.0 To 319.8 %

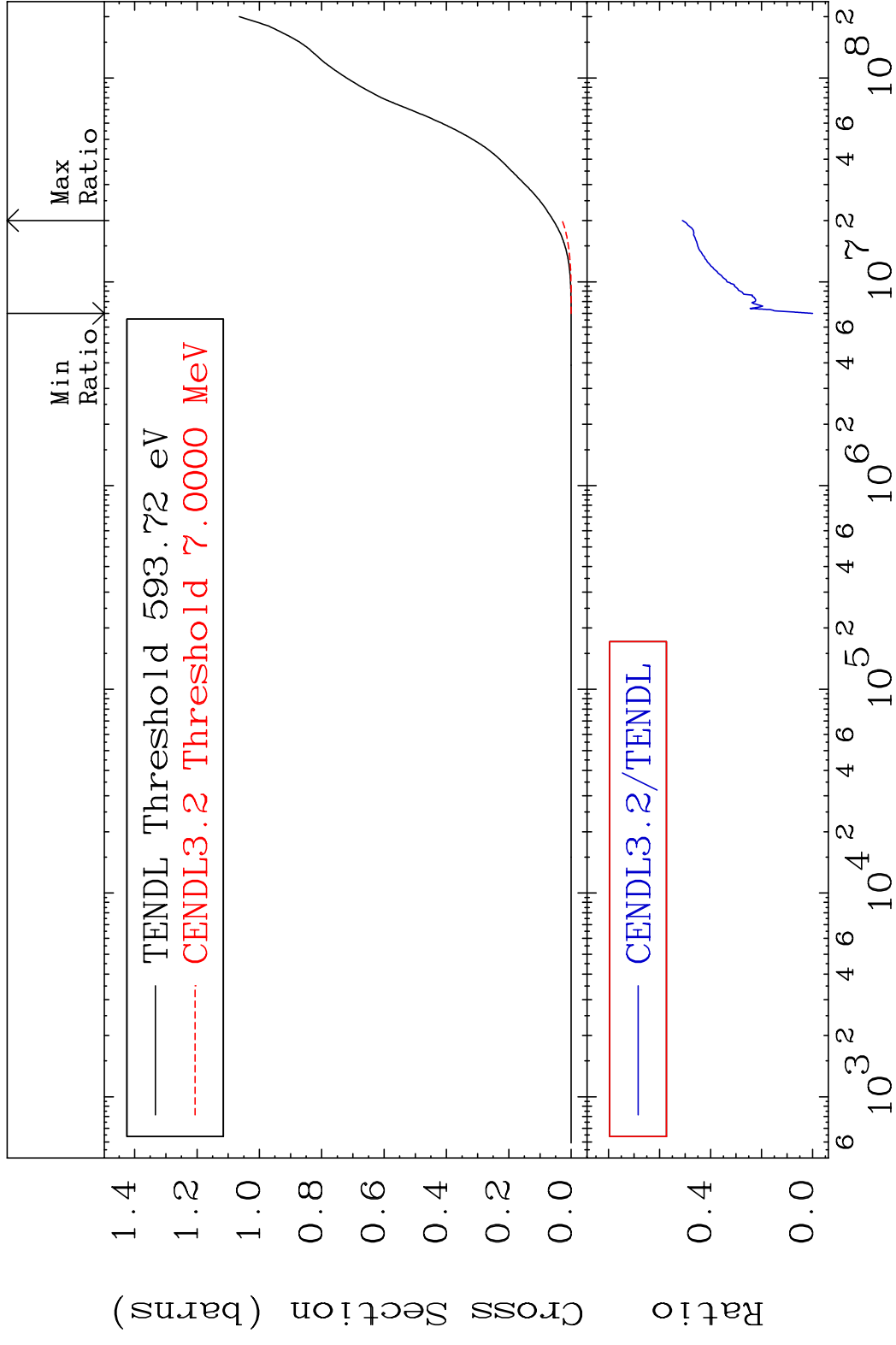


32

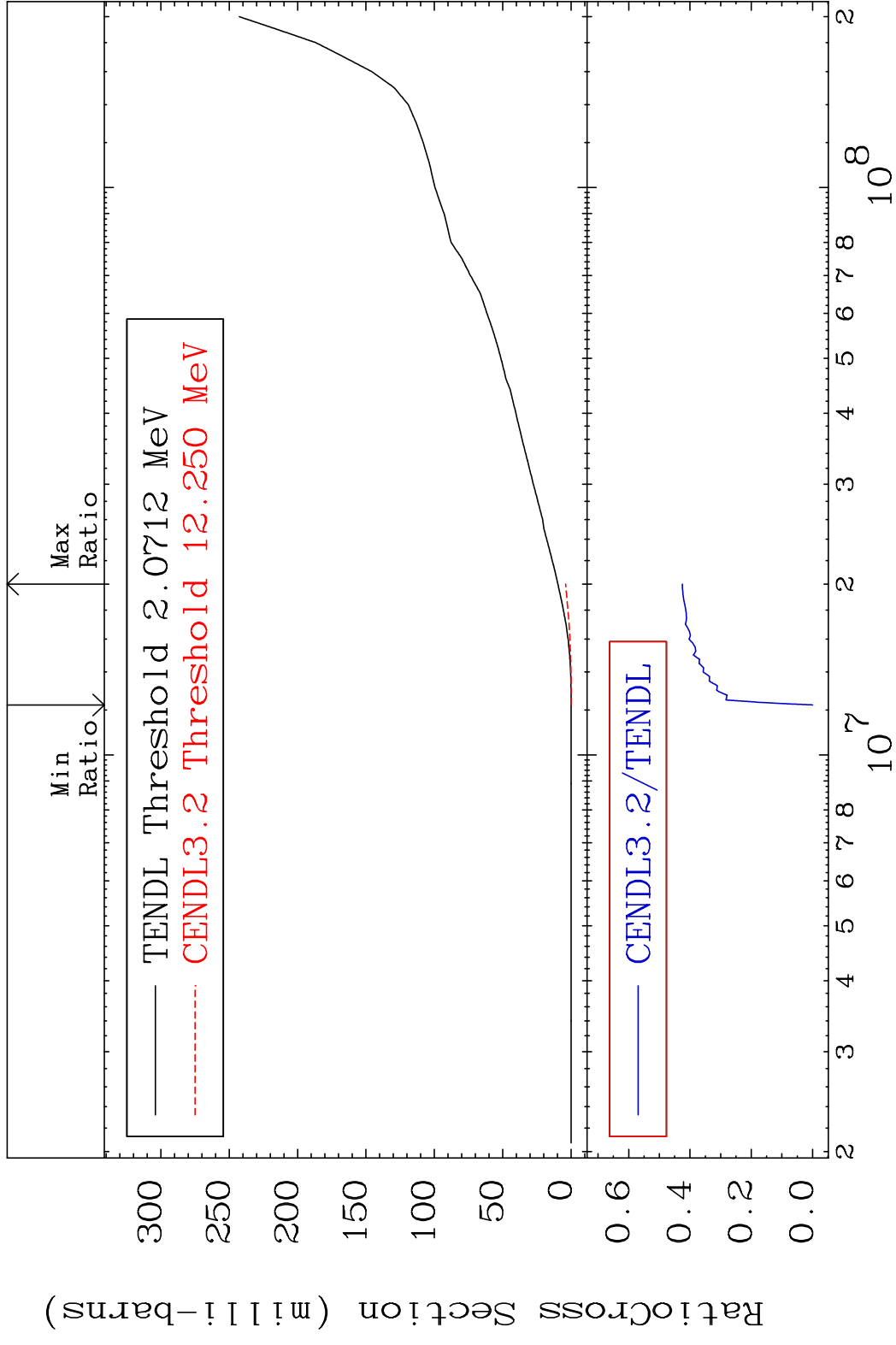
Incident Energy (eV)

72-Hf-174

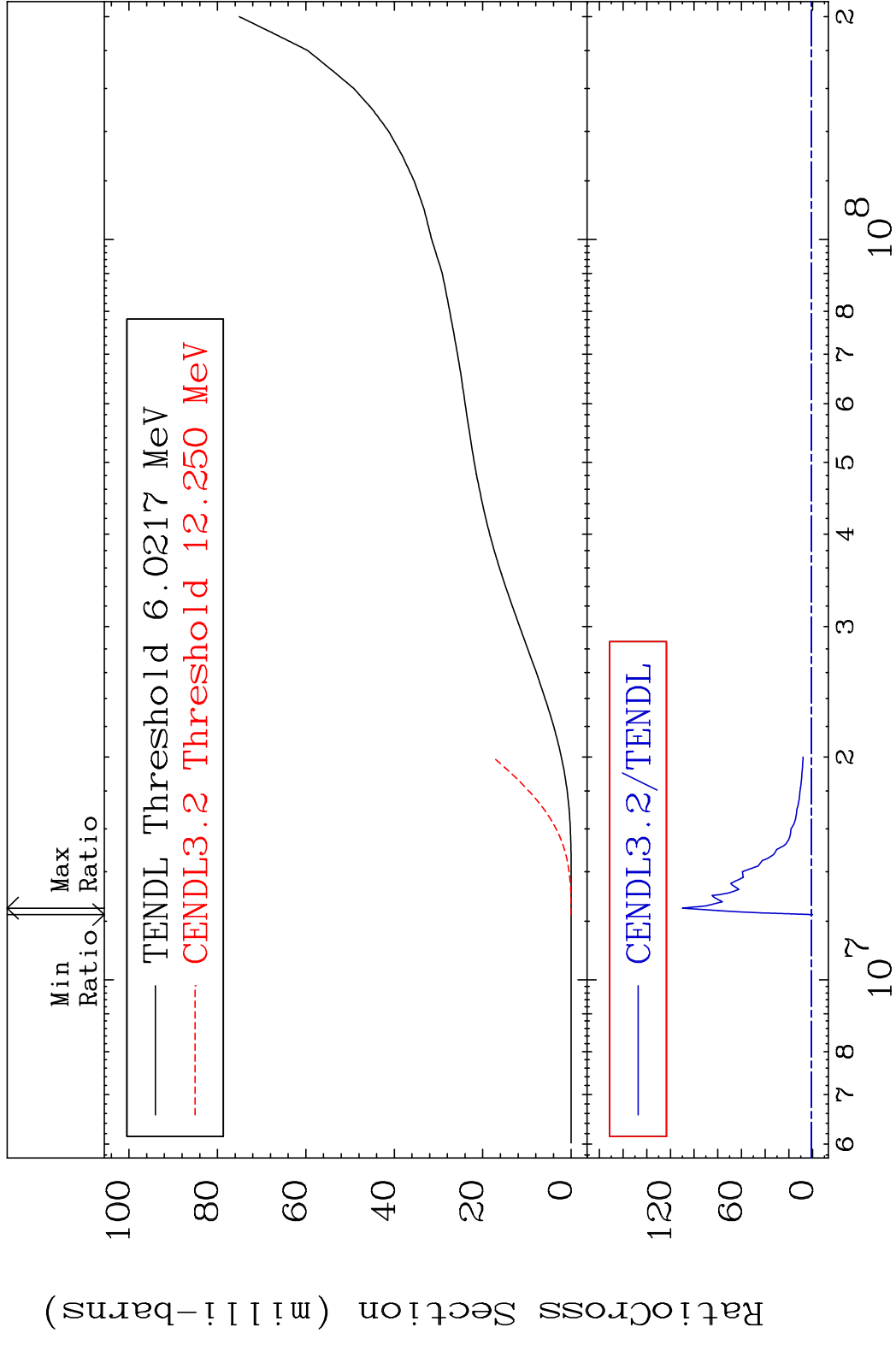
MAT 7225 Hydrogen Production 72-Hf-174
 Cross Section -100.0 To -48.93%



Cross Section -100.0 To -57.51%



MAT 7225 Tritium Production 72-Hf-174
 Cross Section -100.0 To 9999. %

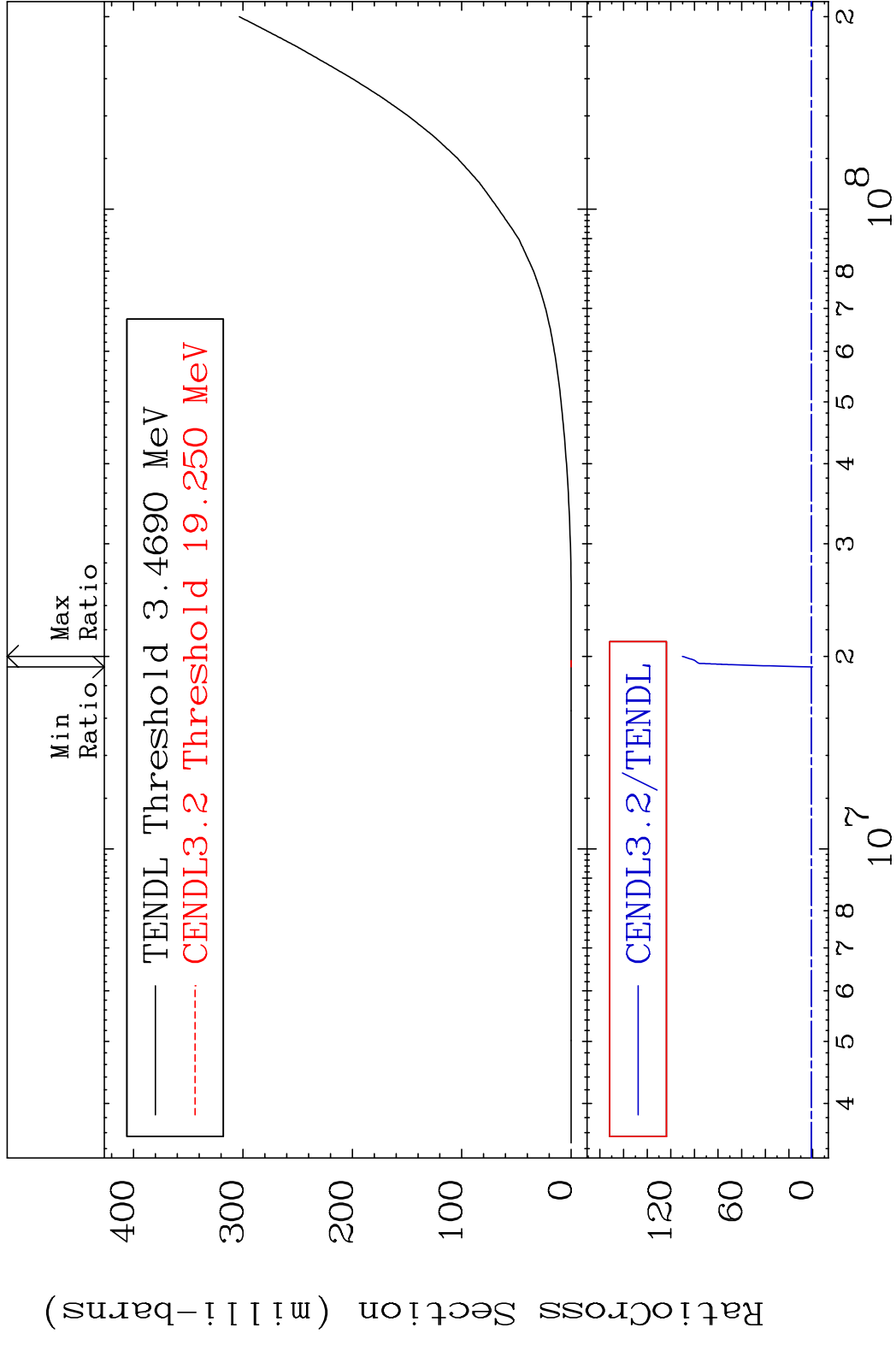


MAT 7225

He-3 Production

72-Hf-174

Cross Section -100.0 To 9999. %

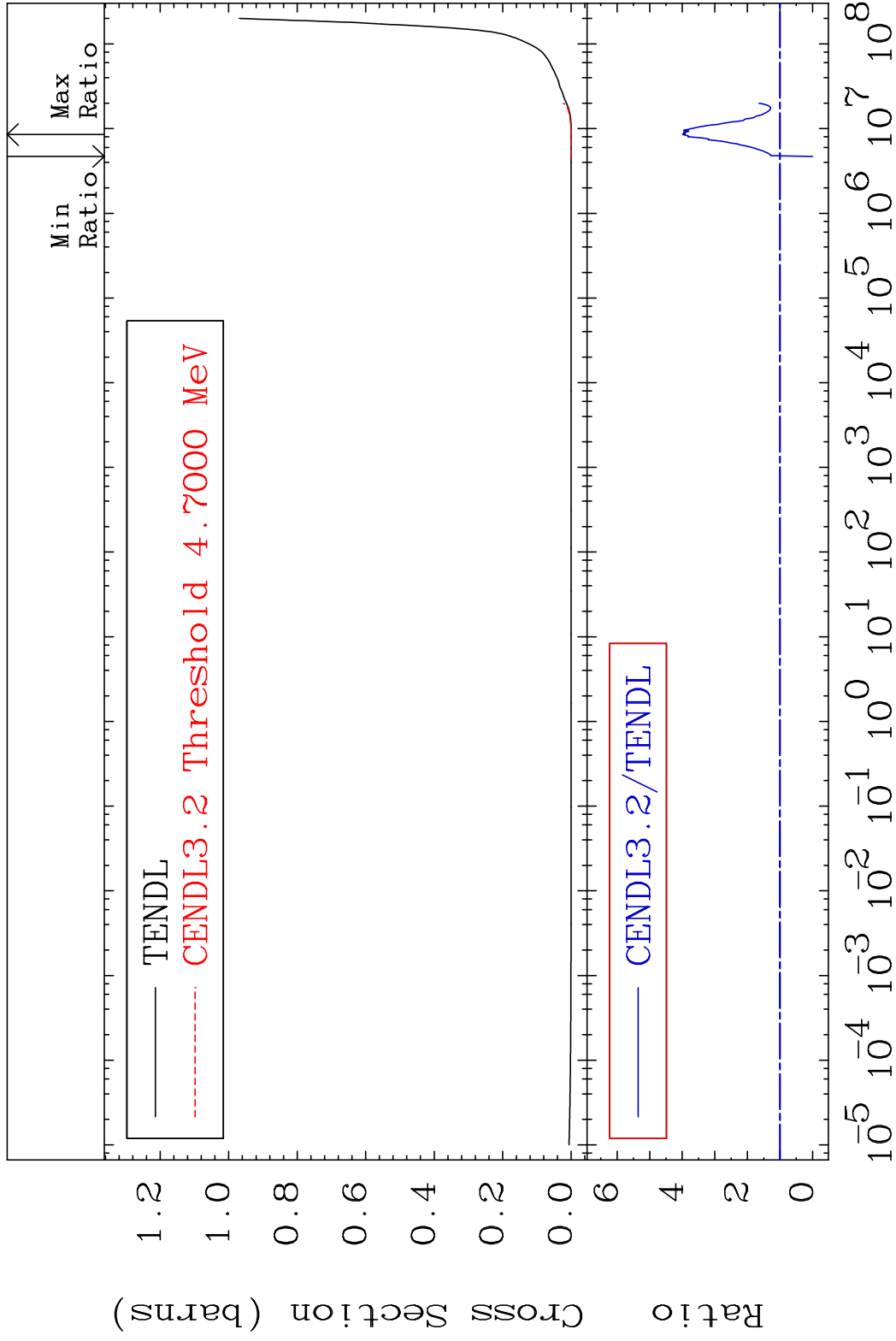


MAT 7225

He-4 Production

72-Hf-174

Cross Section -100.0 To 299.7 %

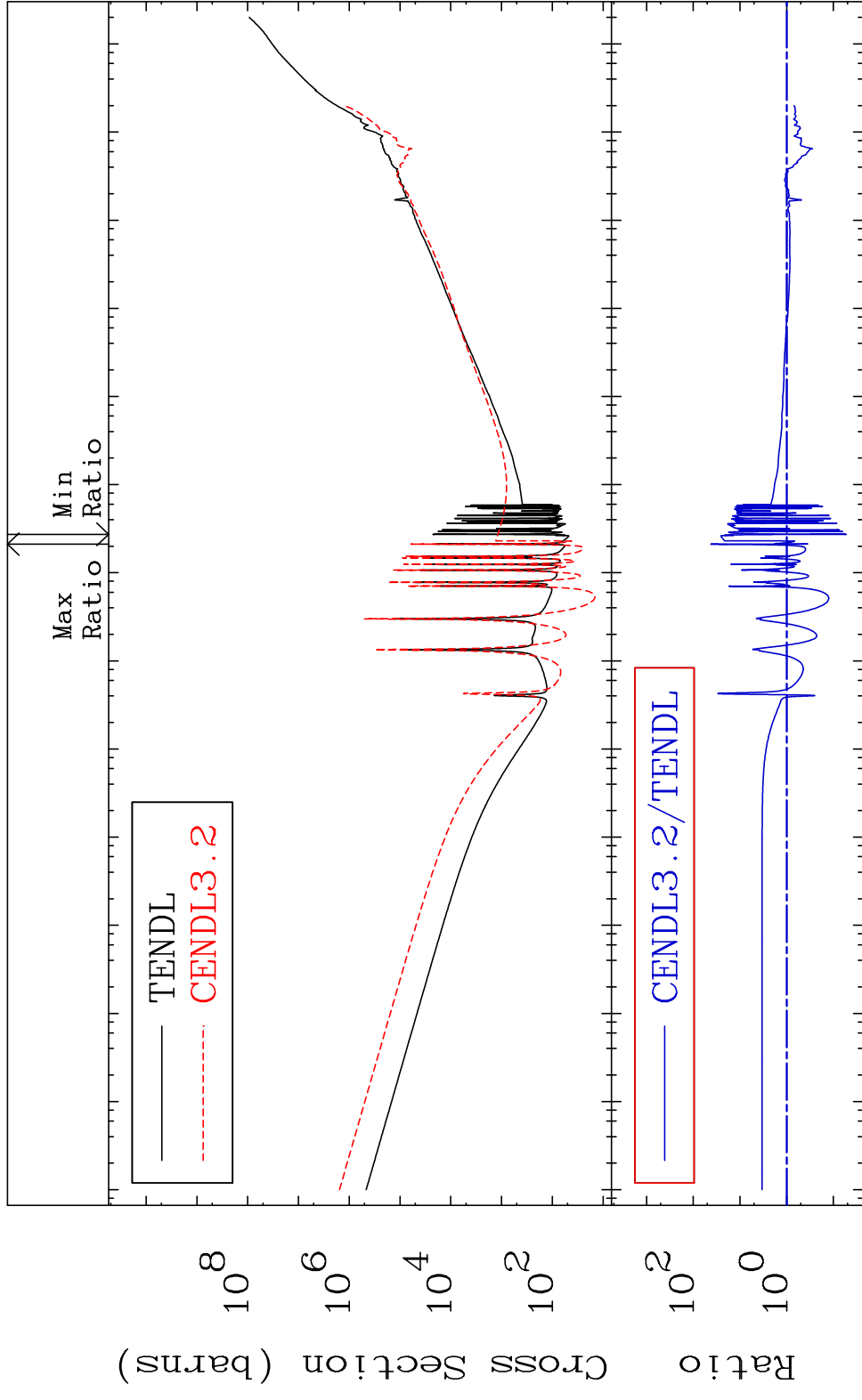


37

Incident Energy (eV)

72-Hf-174

MAT 7225 Kerma total (eV-barns) 72-Hf-174
 Cross Section -94.71 To 4126. %

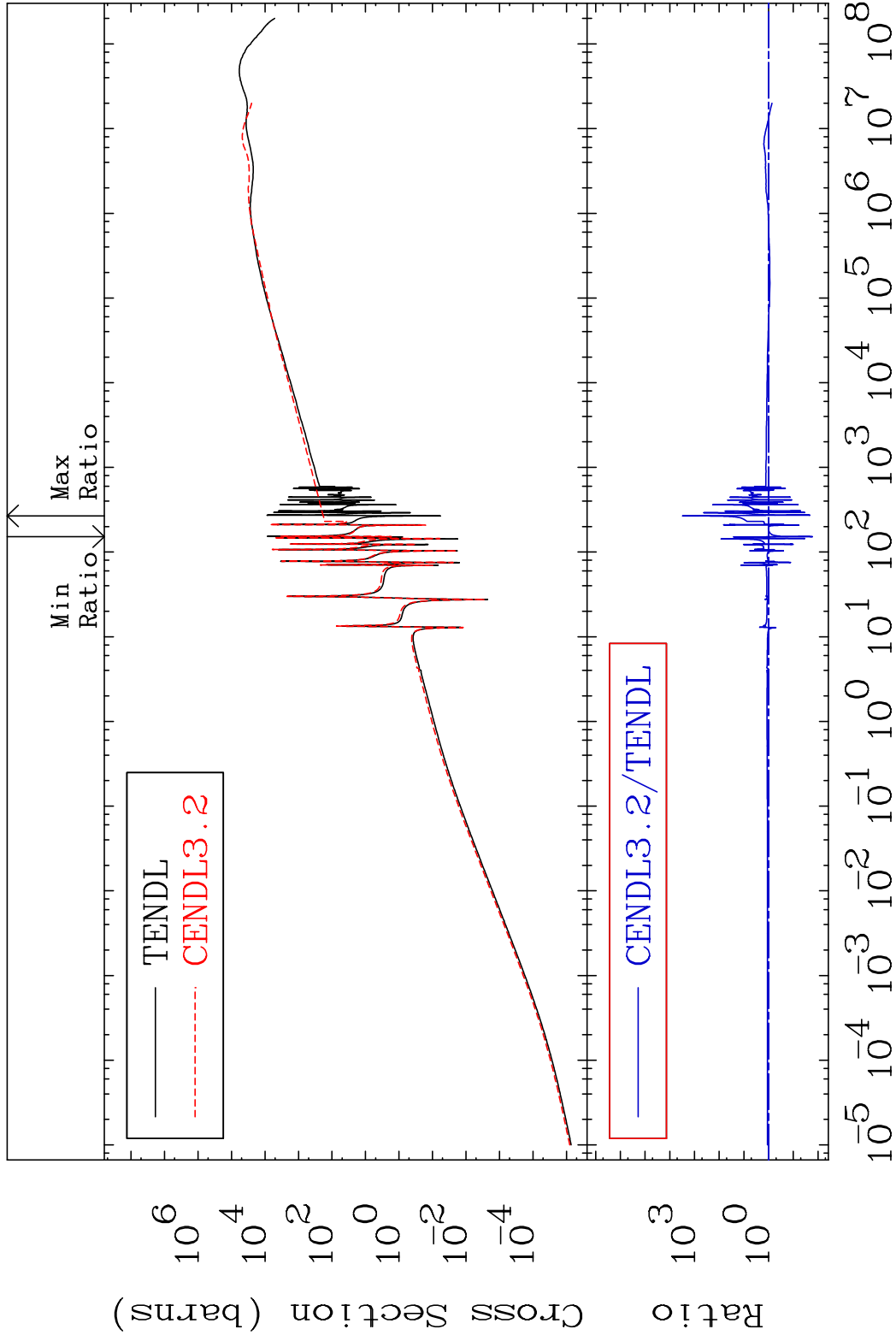


MAT 7225

Kerma elastic

72-Hf-174

Cross Section -98.34 To 9999. %

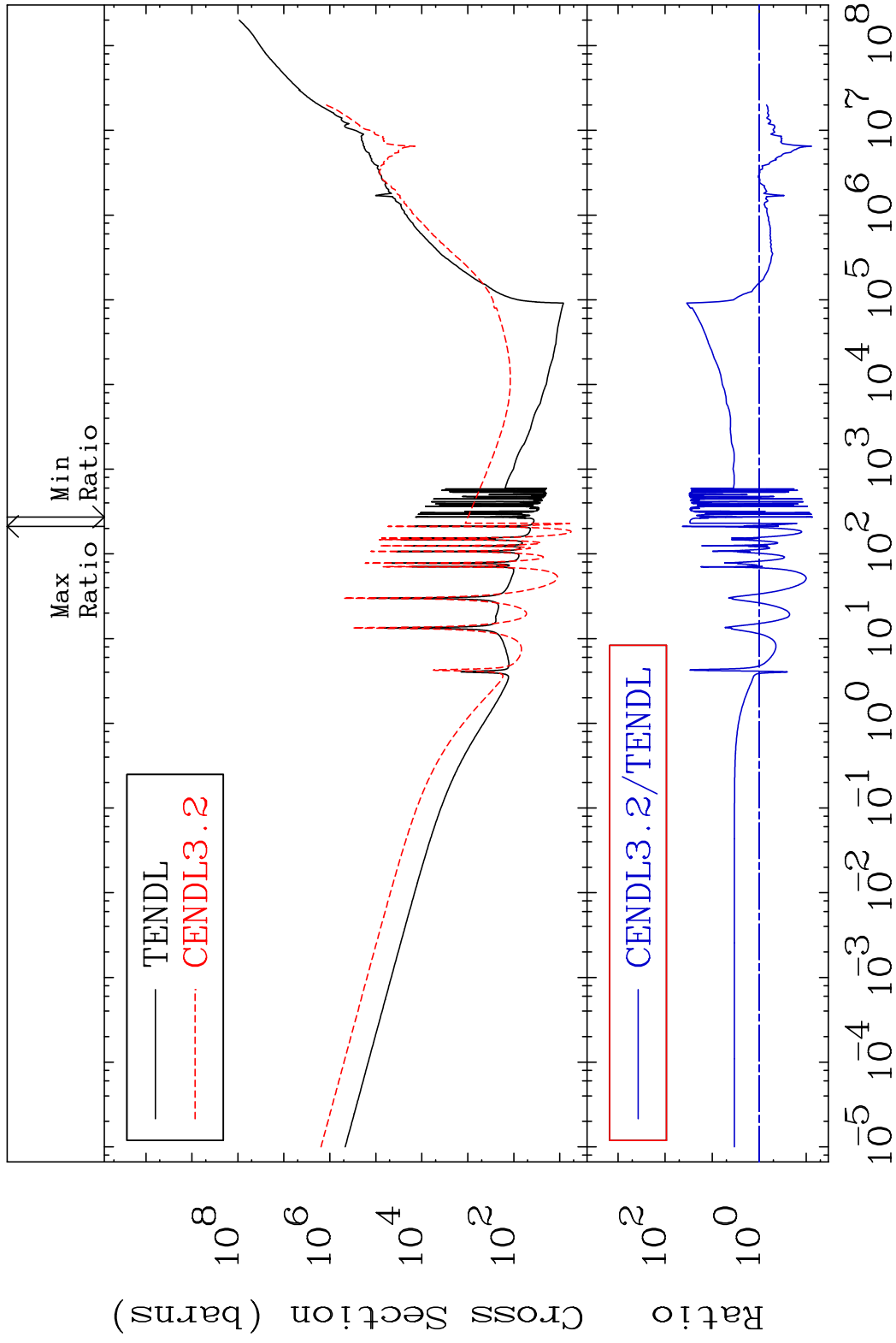


39

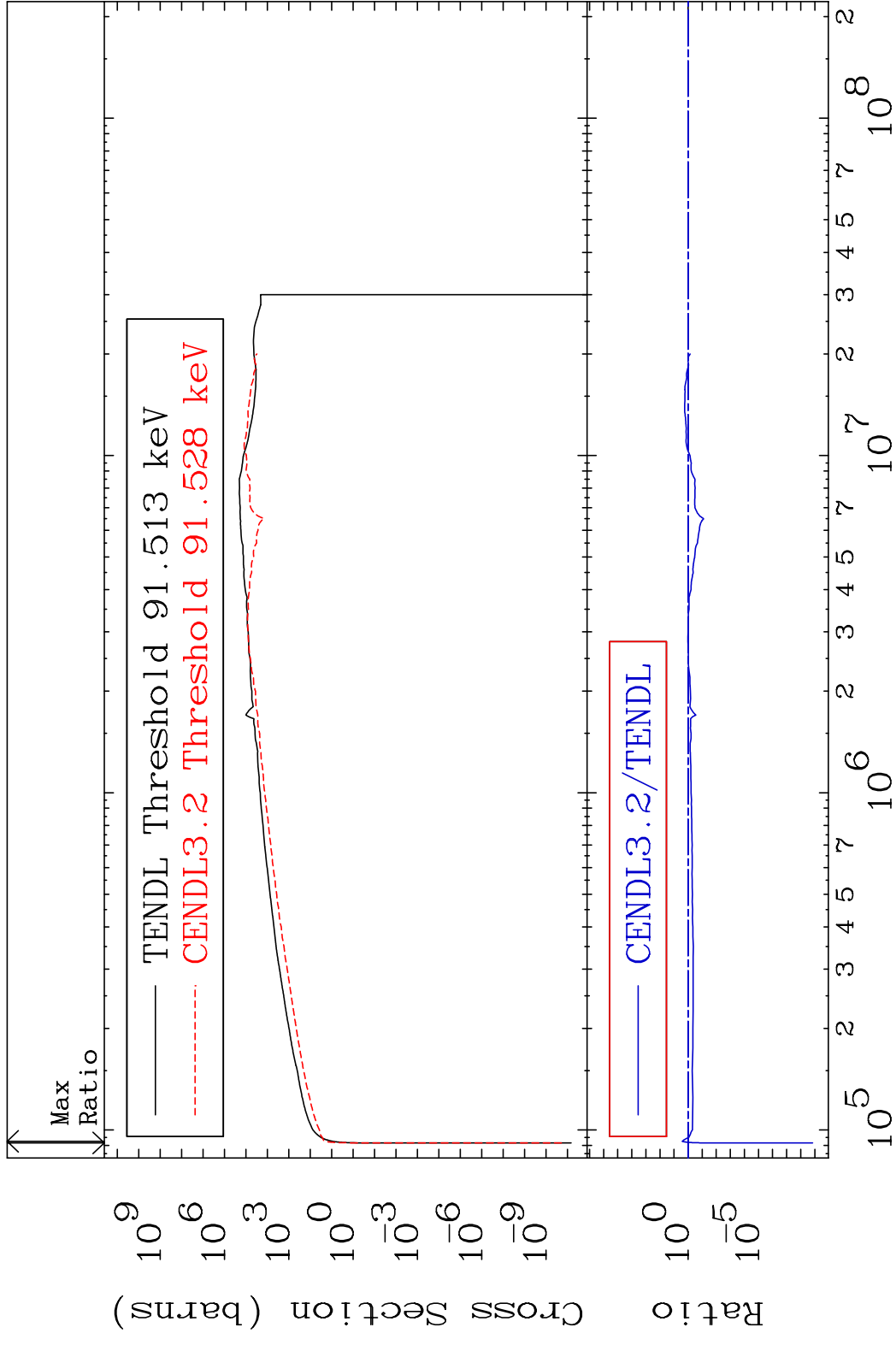
Incident Energy (eV)

72-Hf-174

MAT 7225 Kerma non-elastic (all but mt2) 72-Hf-174
 Cross Section -92.67 To 4205. %

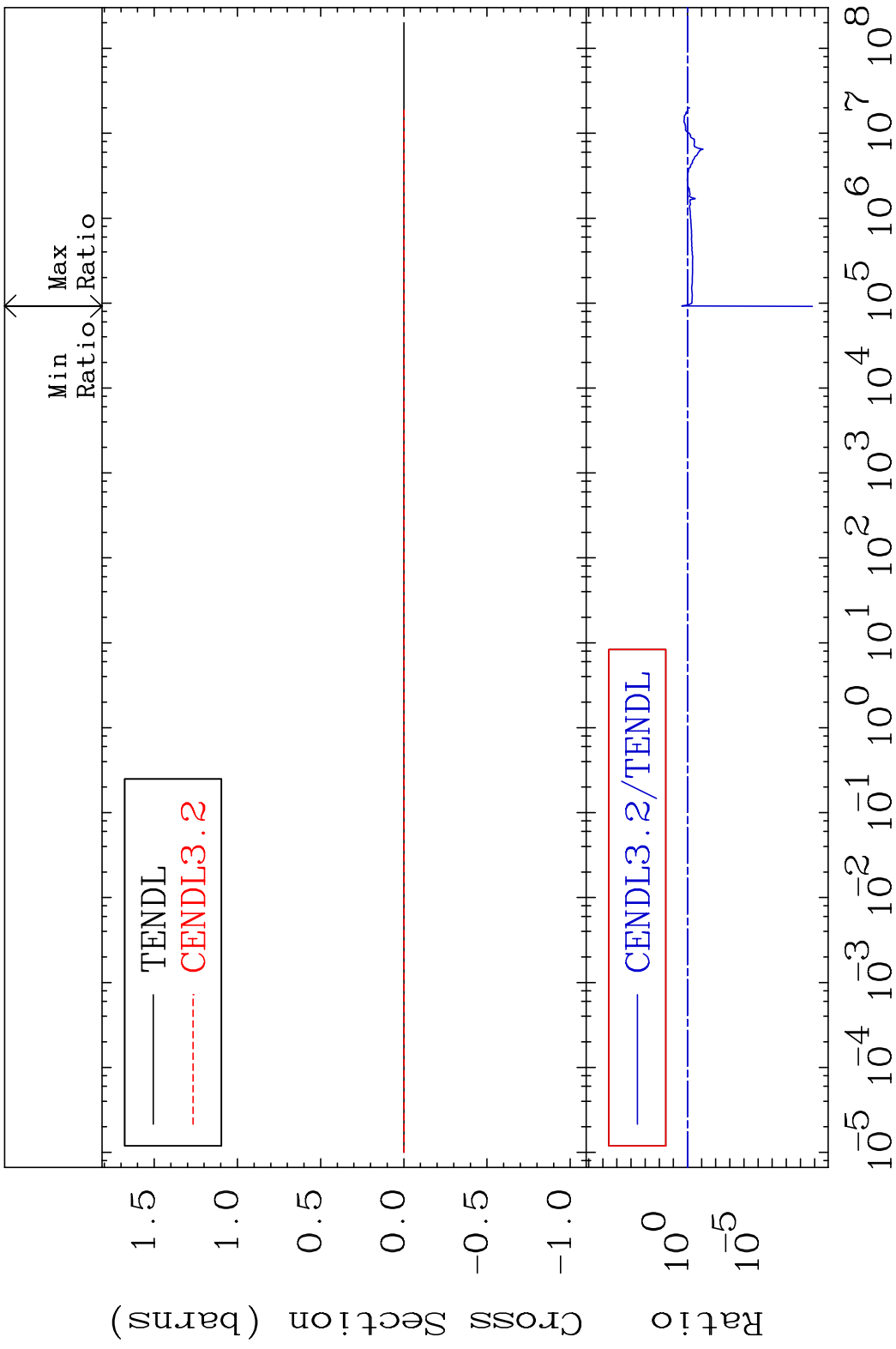


MAT 7225 Kerma inelastic (mt51-91) 72-Hf-174
 Cross Section -100.0 To 155.7 %



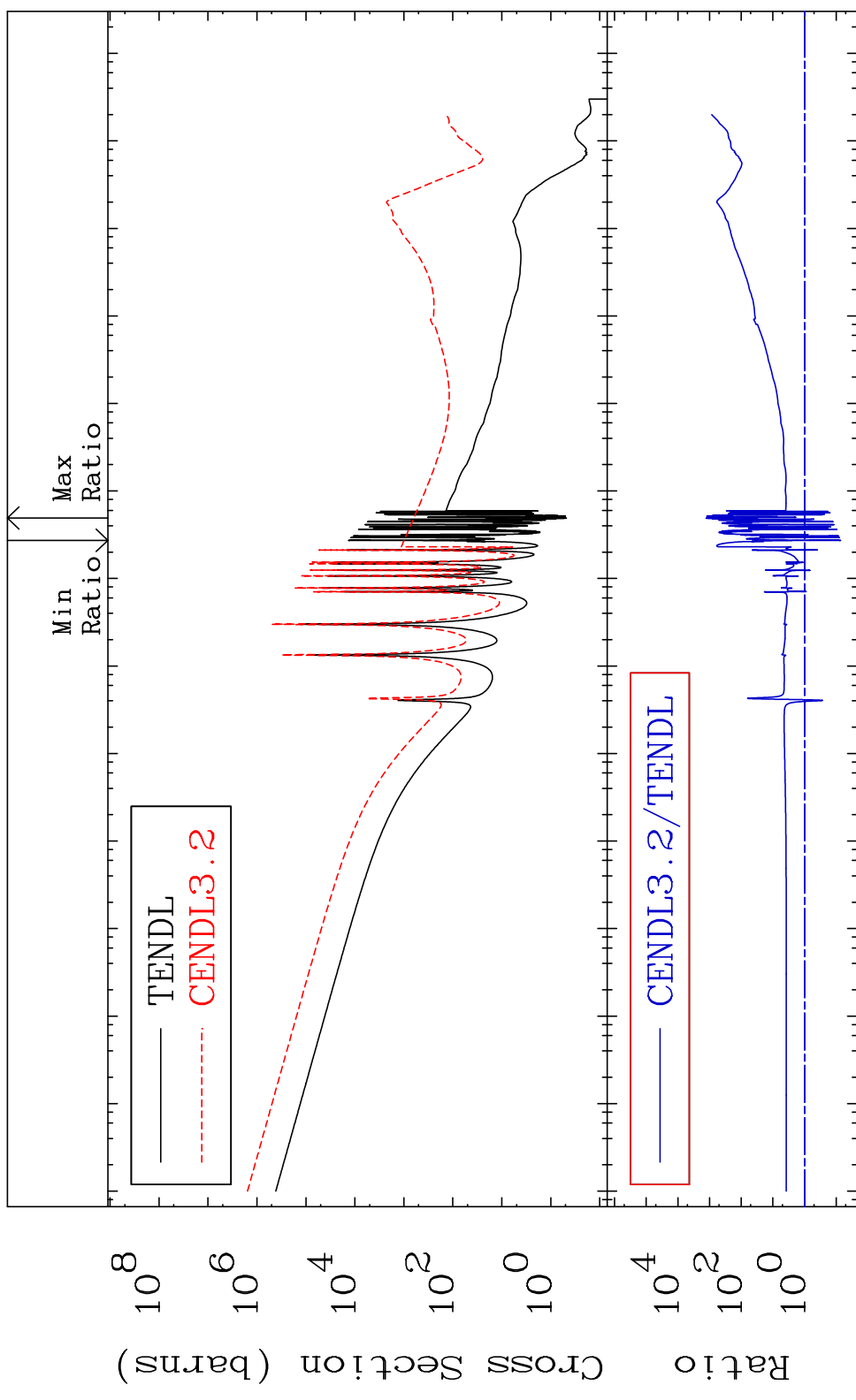
41 Incident Energy (eV) 72-Hf-174

MAT 7225 Kerma fission (mt18 or mt19-20-21-38) 72-Hf-174
 Cross Section -100.0 To 155.7 %



MAT 7225

Kerma capture (mt102) 72-Hf-174
Cross Section -92.66 To 9999. %

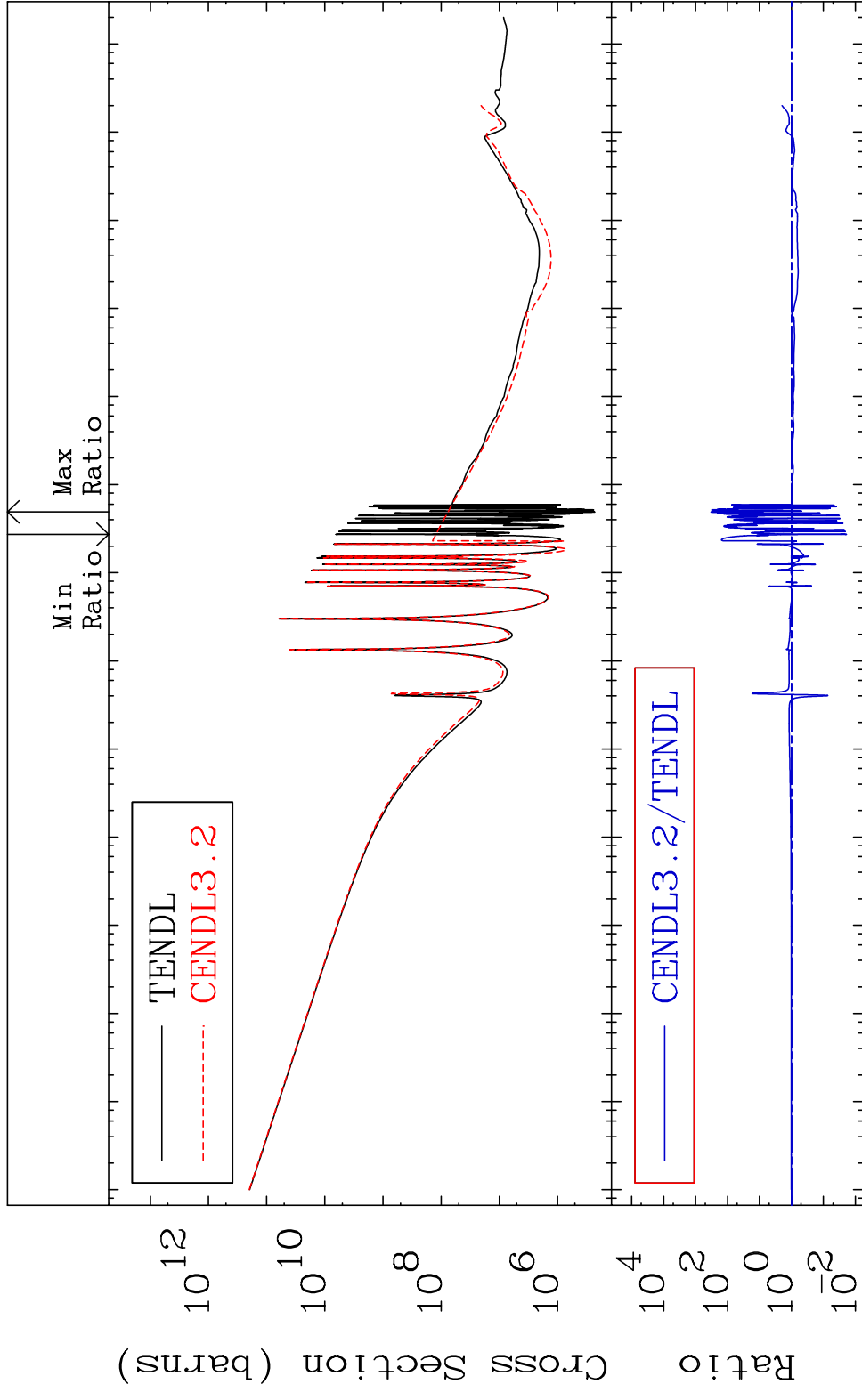


43

Incident Energy (eV)

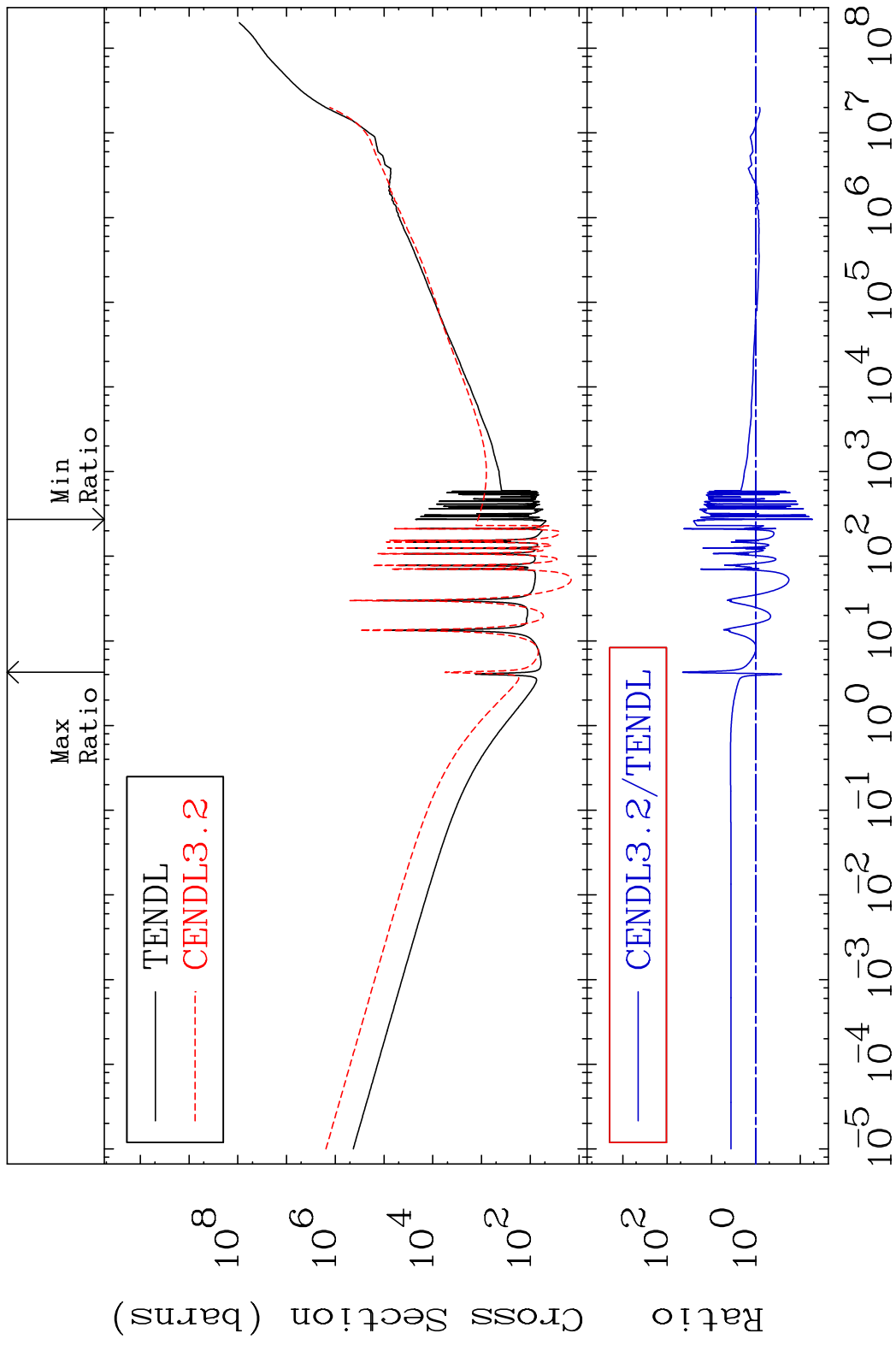
72-Hf-174

MAT 7225 Total photon (eV-barns) 72-Hf-174
 Cross Section -98.08 To 9999. %



44 Incident Energy (eV) 72-Hf-174

MAT 7225 Total kinematic kerma (high limit) 72-Hf-174
 Cross Section -94.71 To 4445. %

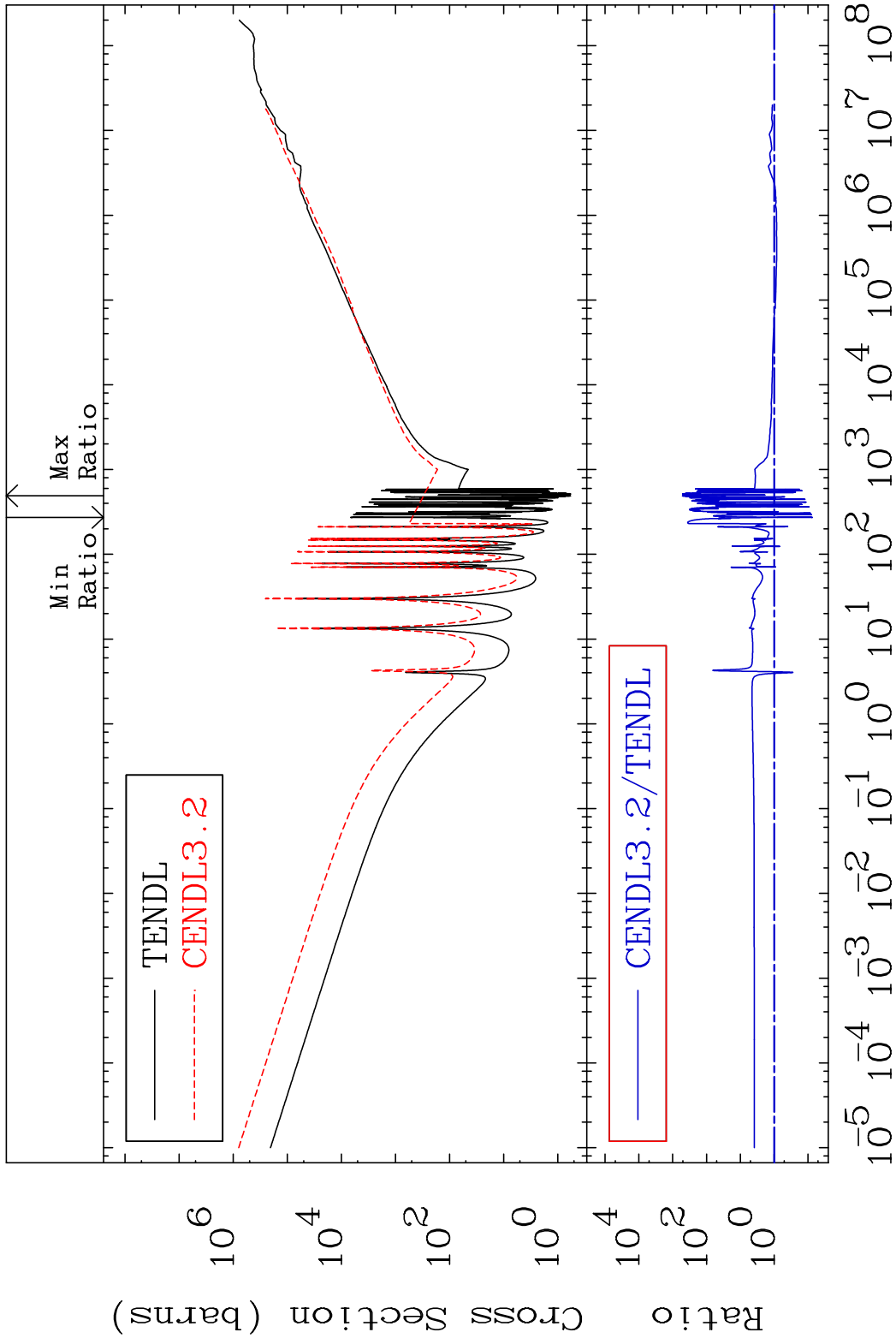


MAT 7225

Dpa total (eV-barns)

72-Hf-174

Cross Section -92.69 To 9999. %



46

Incident Energy (eV)

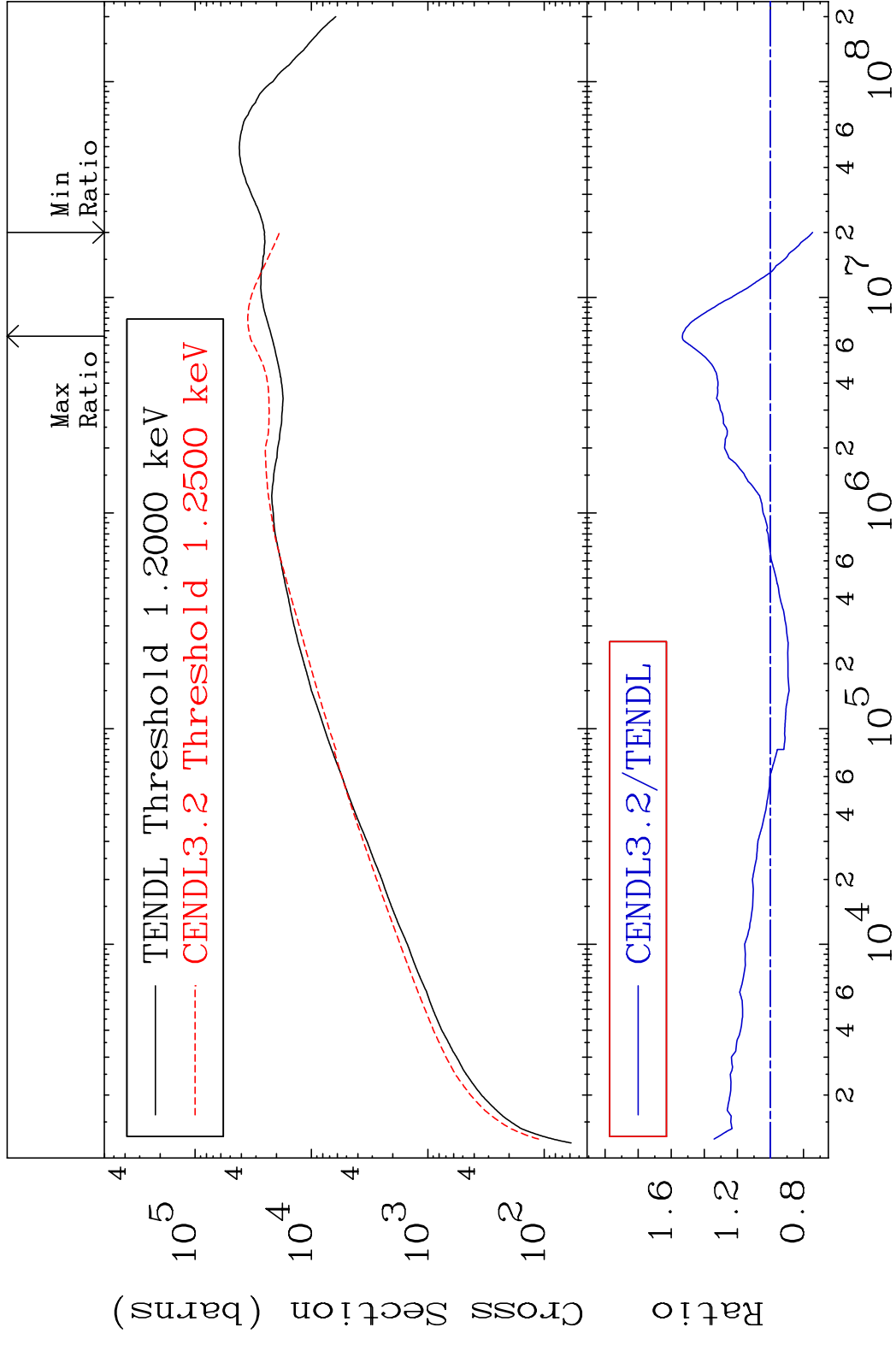
72-Hf-174

MAT 7225

Dpa elastic (mt2)

72-Hf-174

Cross Section -25.44 To 53.30 %

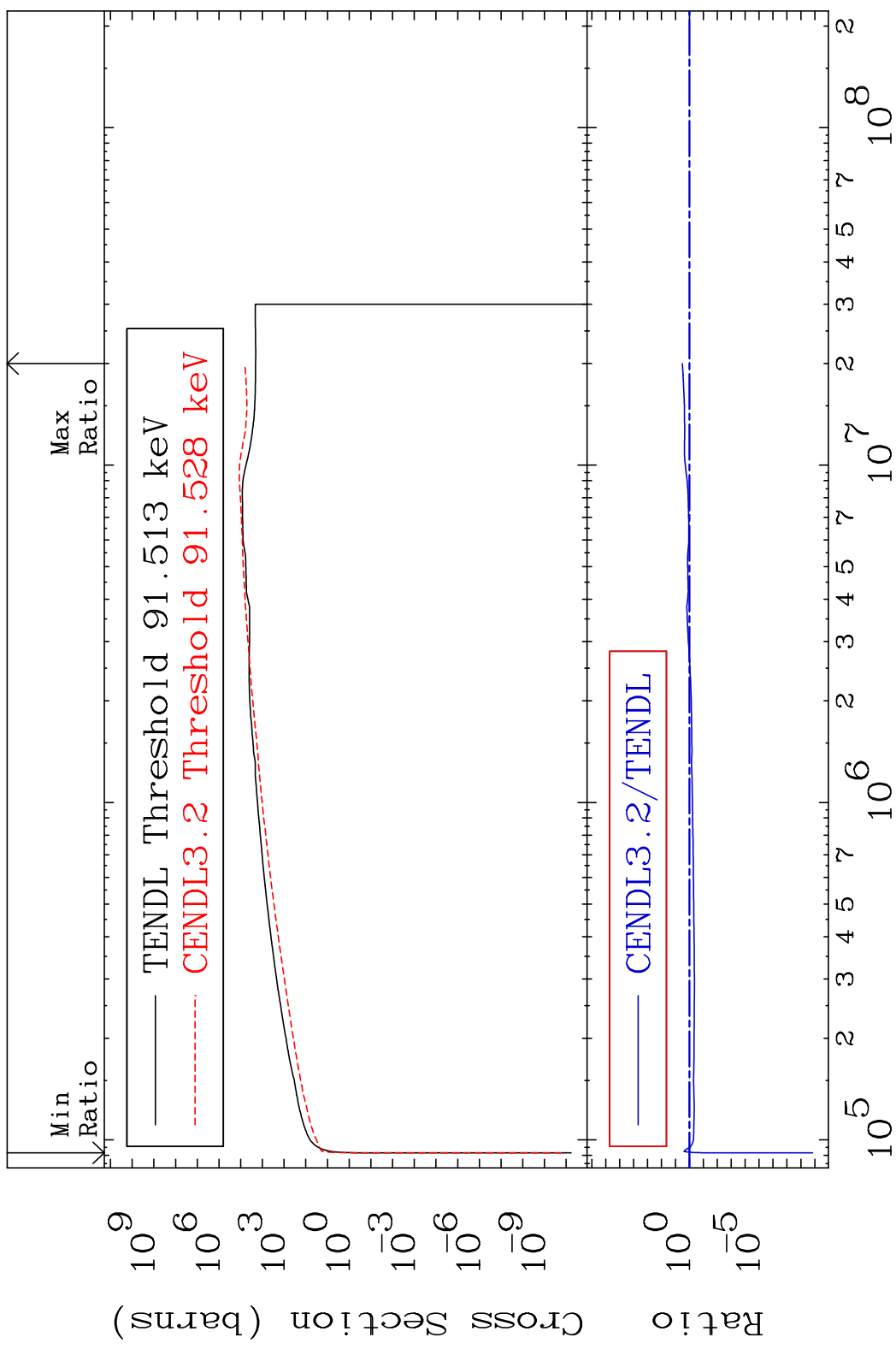


MAT 7225

Dpa inelastic (mt51-91)

72-Hf-174

Cross Section -100.0 To 219.5 %

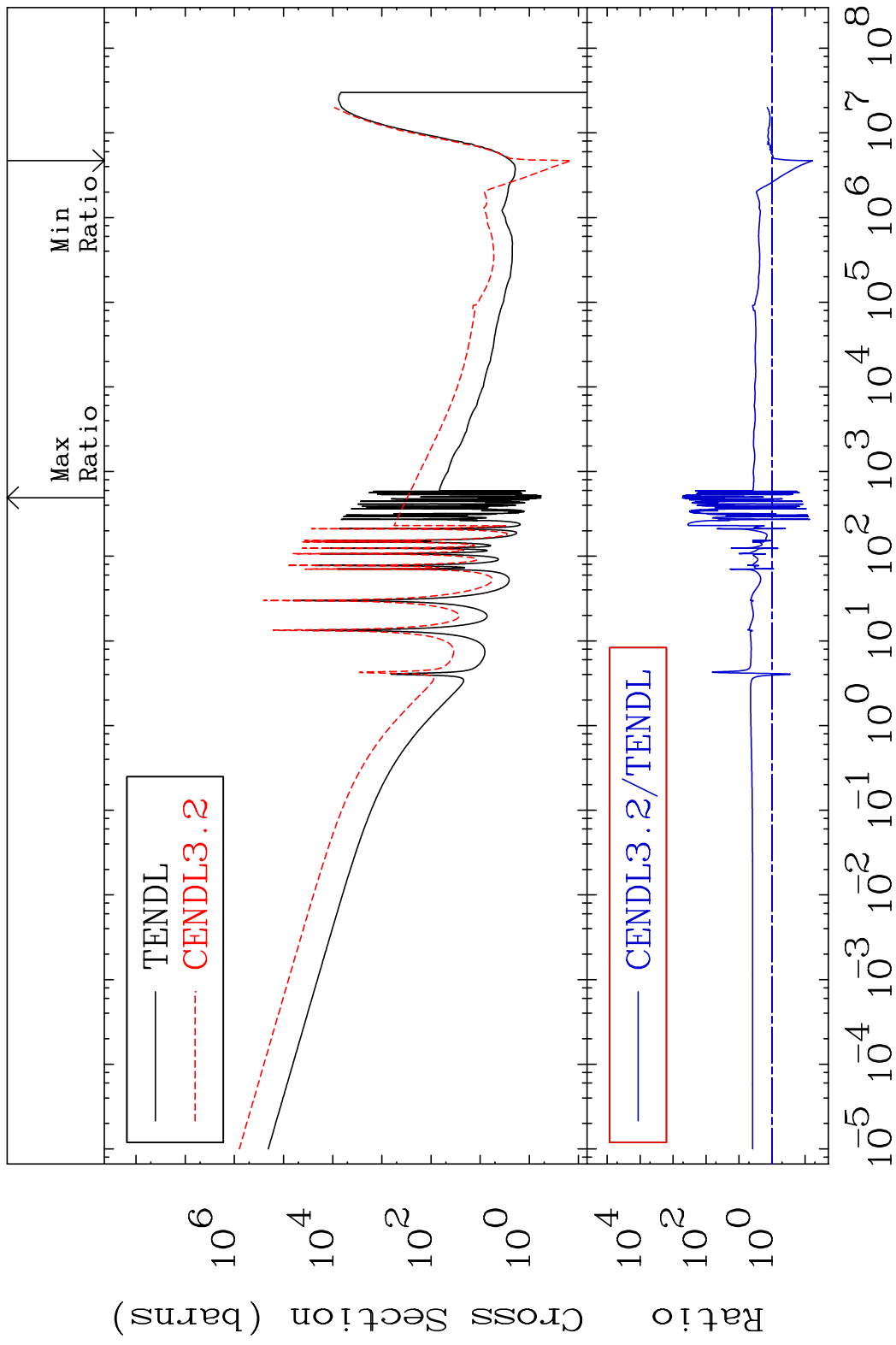


48

Incident Energy (eV)

72-Hf-174

MAT 7225 Dpa disappearance (mt102 -120) 72-Hf-174
 Cross Section -94.11 To 9999. %

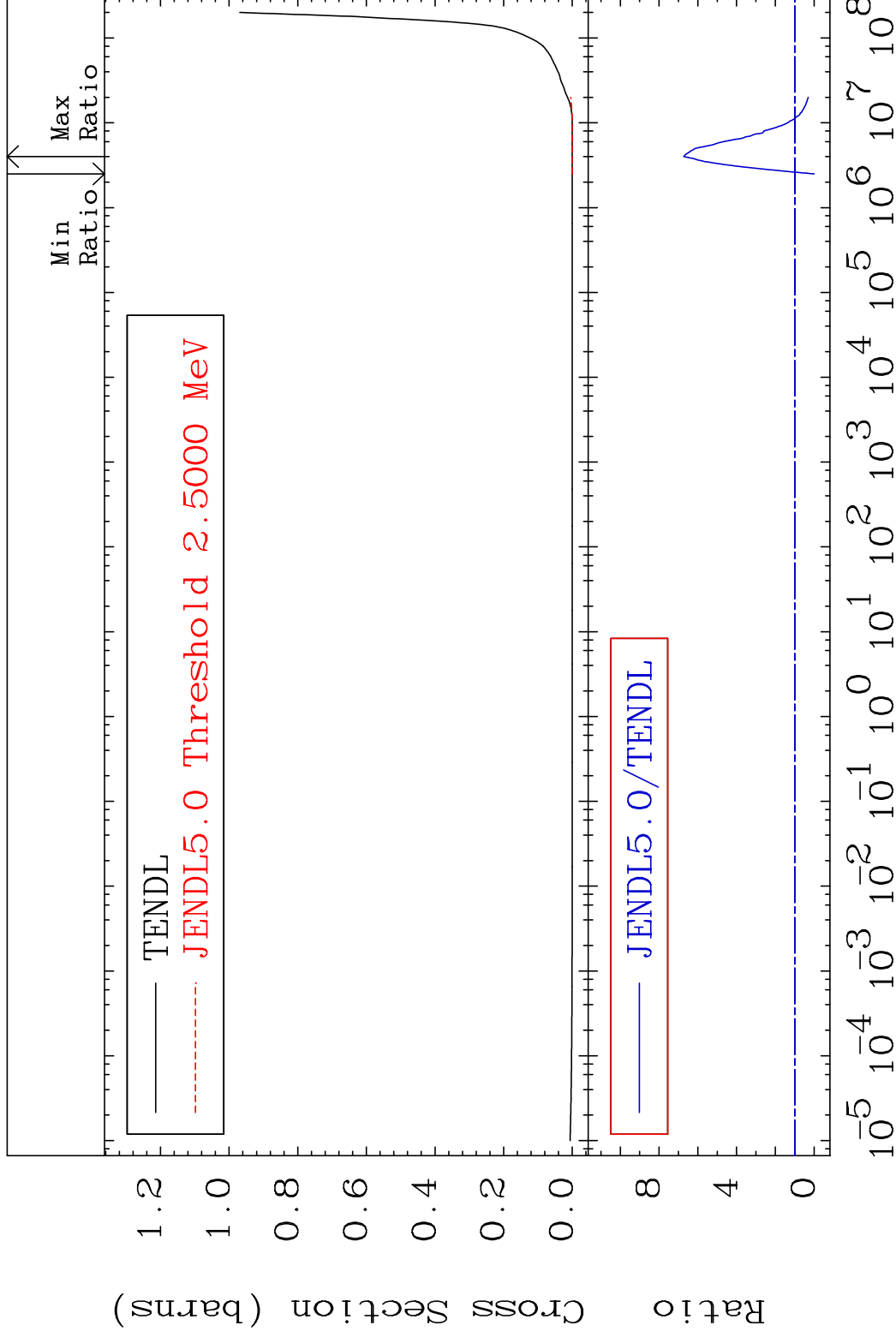


MAT 7225

He-4 Production

72-Hf-174

Cross Section -100.0 To 573.1 %

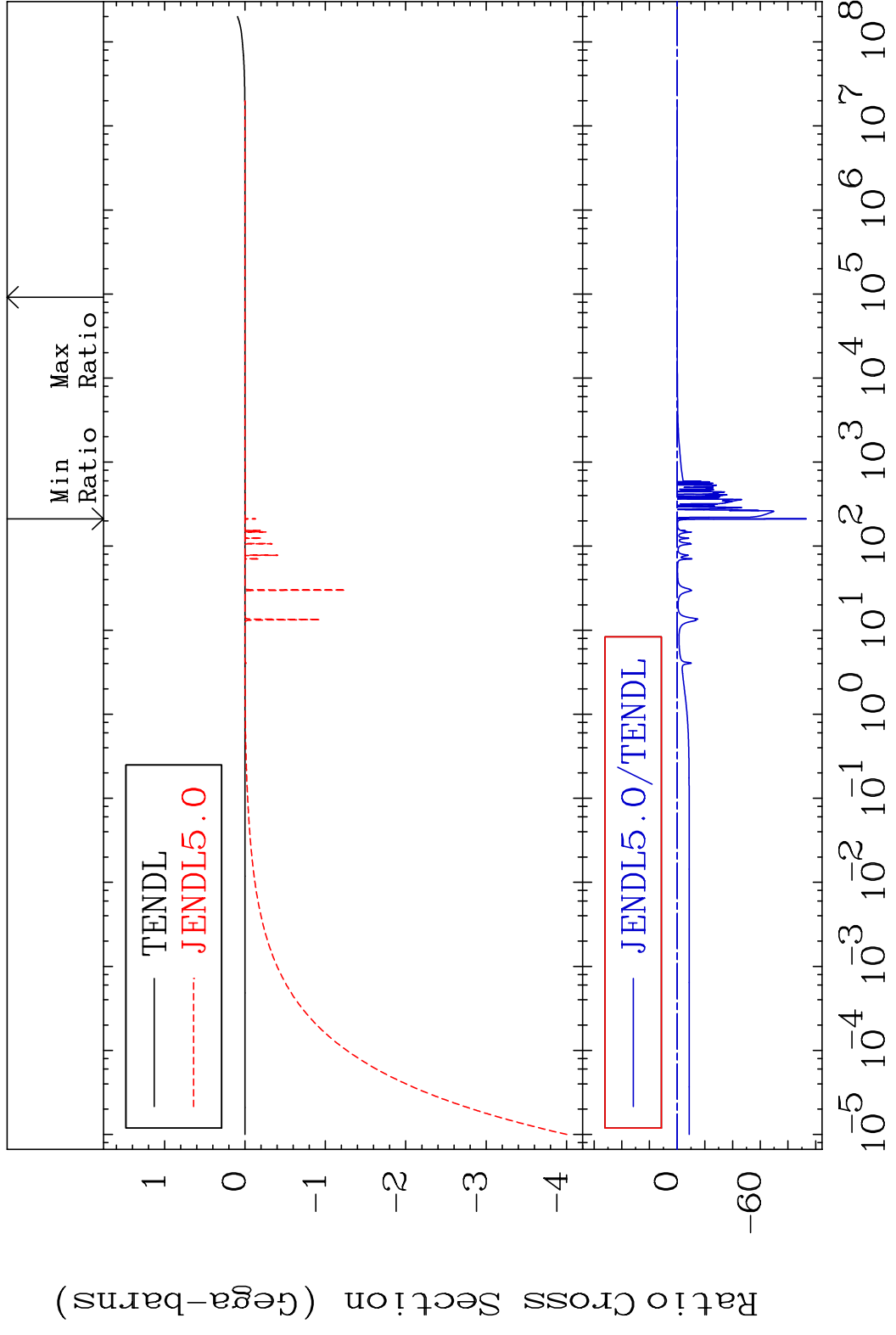


50

Incident Energy (eV)

72-Hf-174

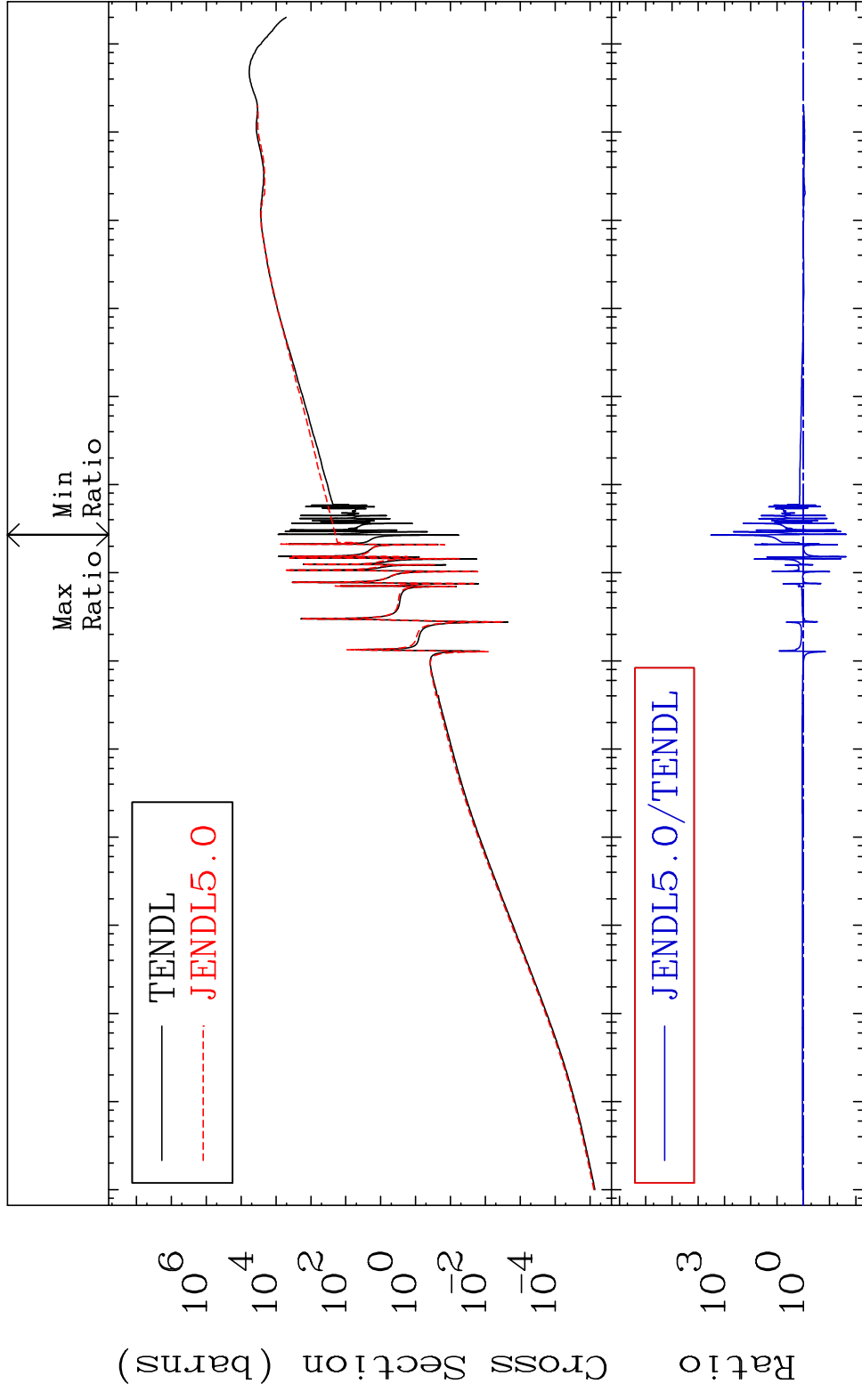
MAT 7225 Kerma total (eV-barns) 72-Hf-174
 Cross Section -9999. To 634.8 %



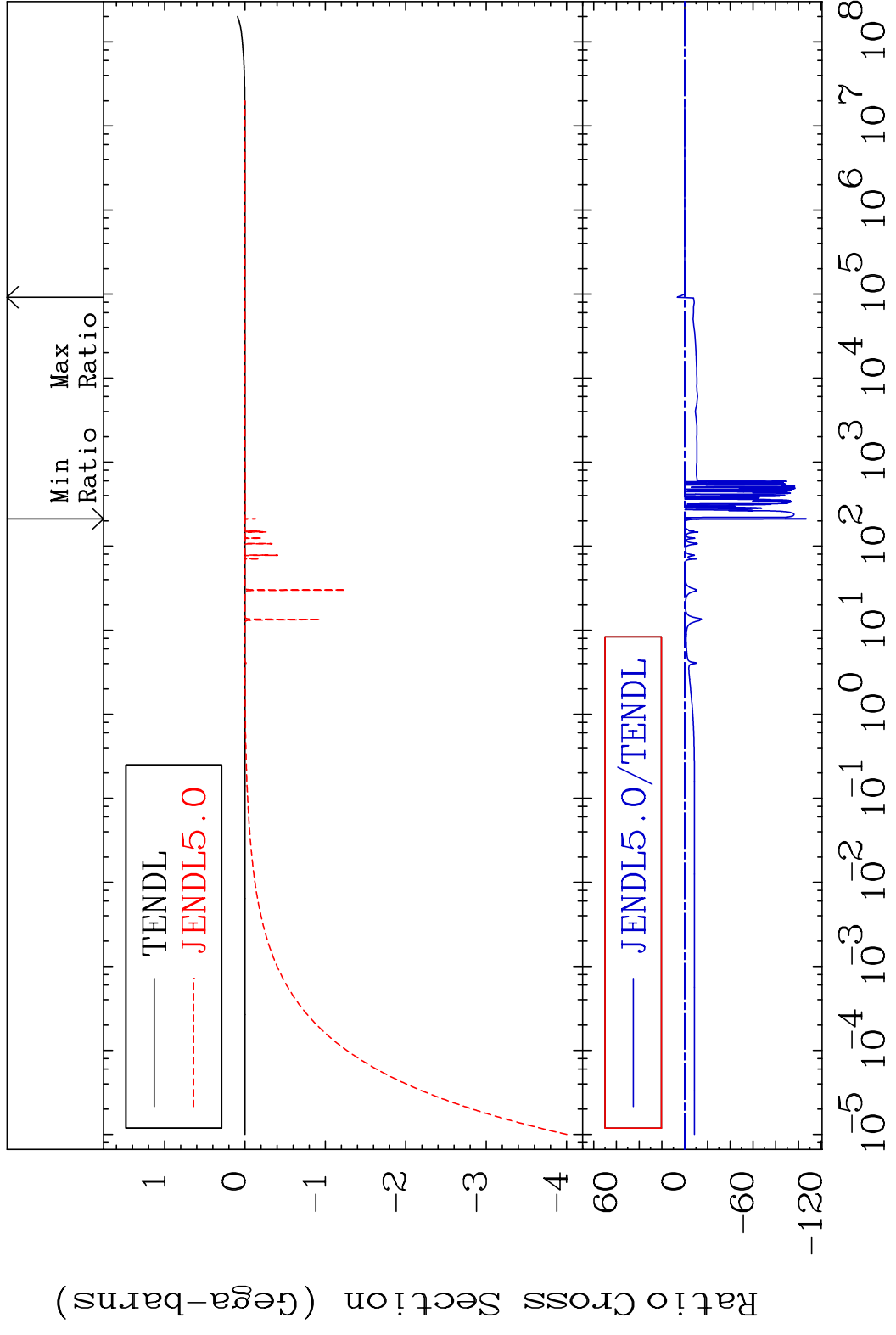
MAT 7225

Kerma elastic
Cross Section

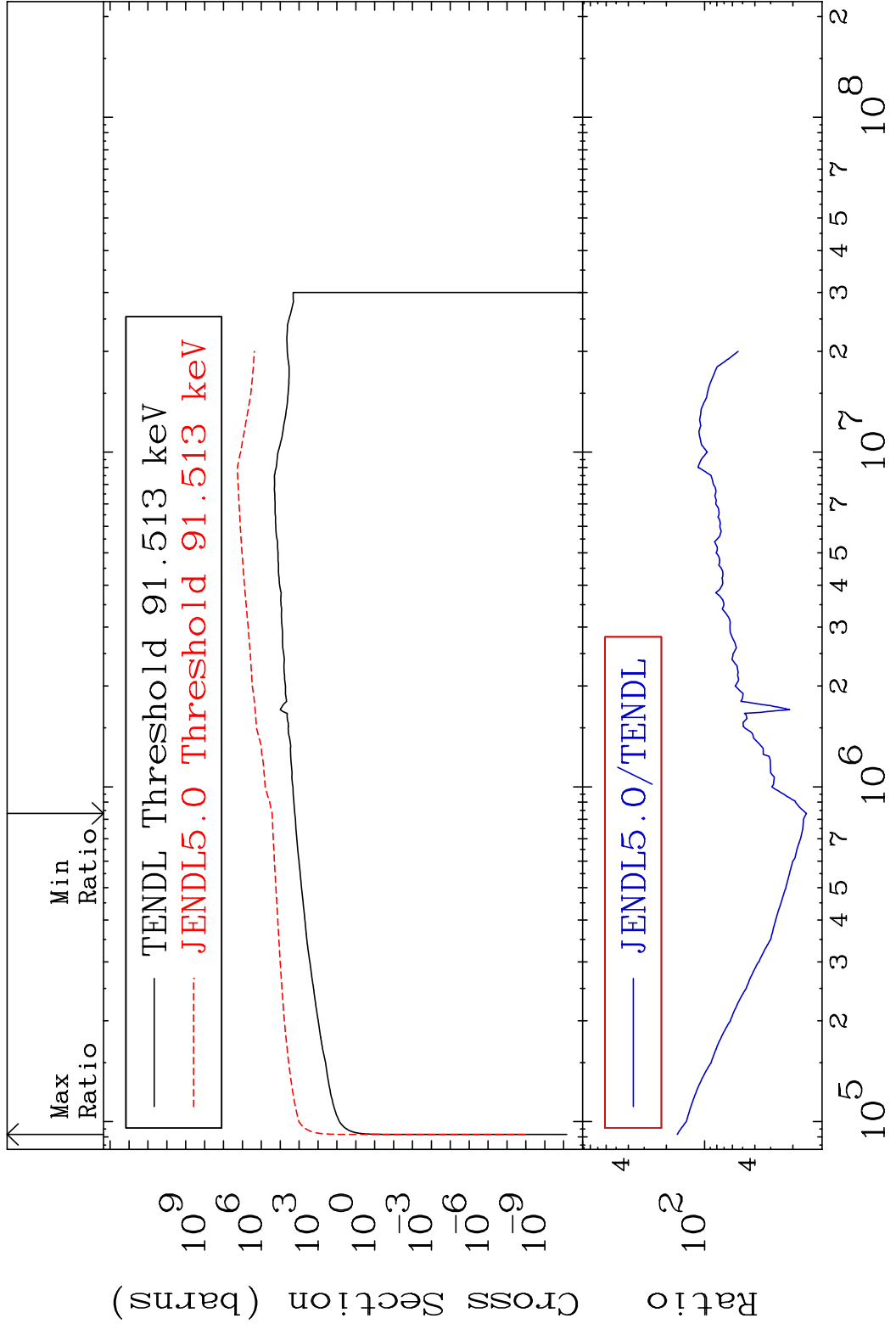
72-Hf-174
-97.70 To 9999. %



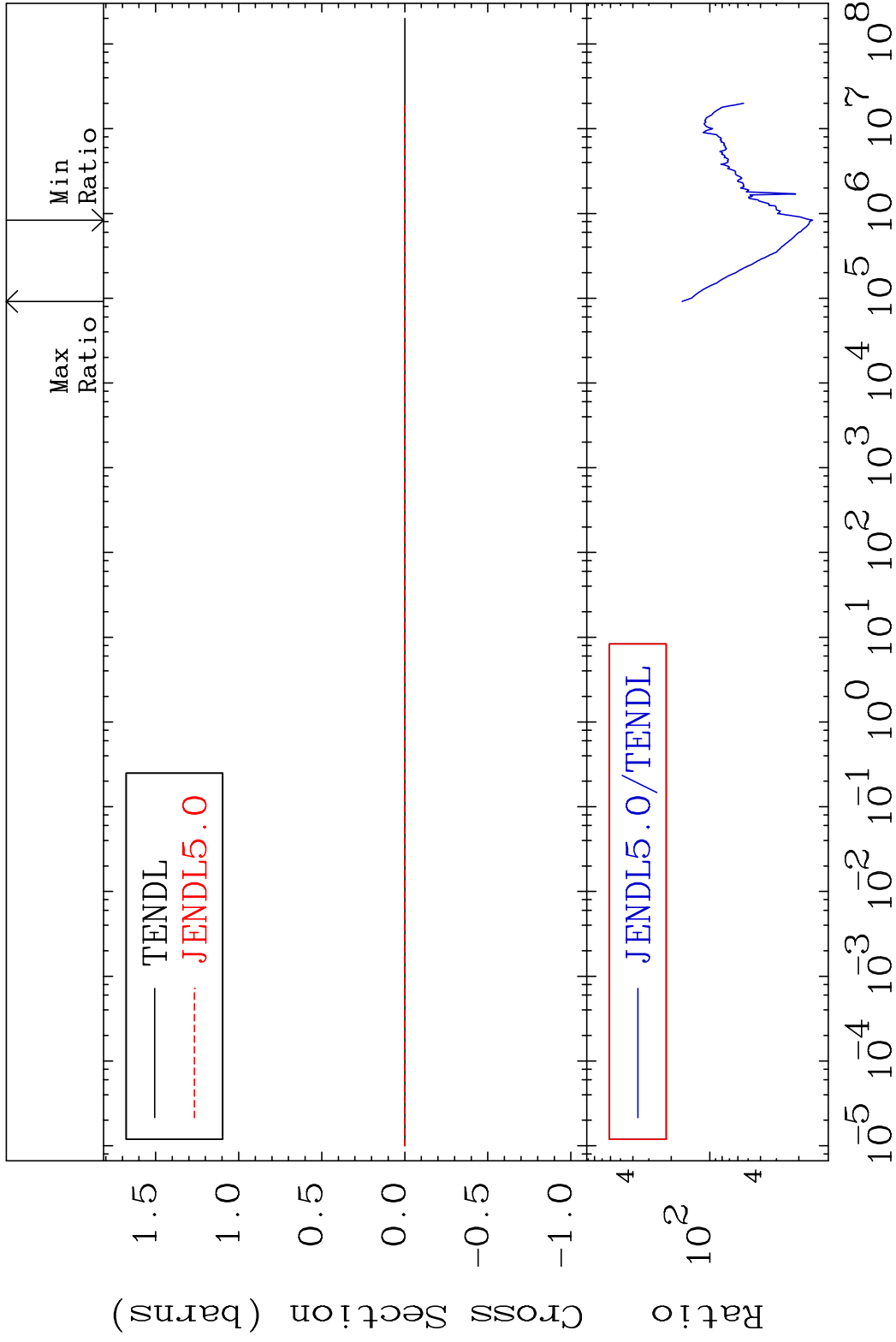
MAT 7225 Kerma non-elastic (all but mt2) 72-Hf-174
 Cross Section -9999. To 9999. %

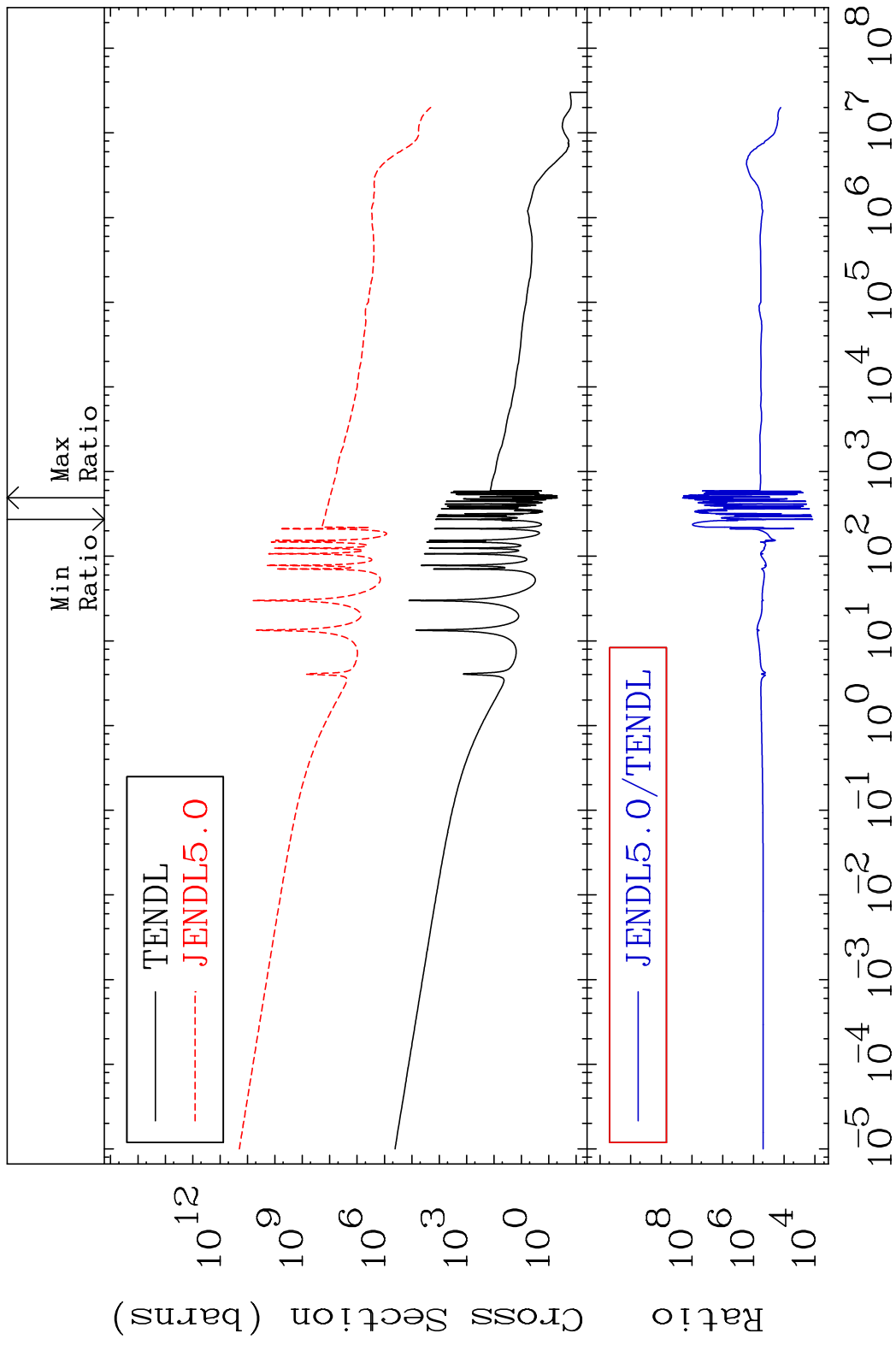


MAT 7225 Kerma inelastic (mt51-91) 72-Hf-174
 Cross Section 1462. To 9999. %



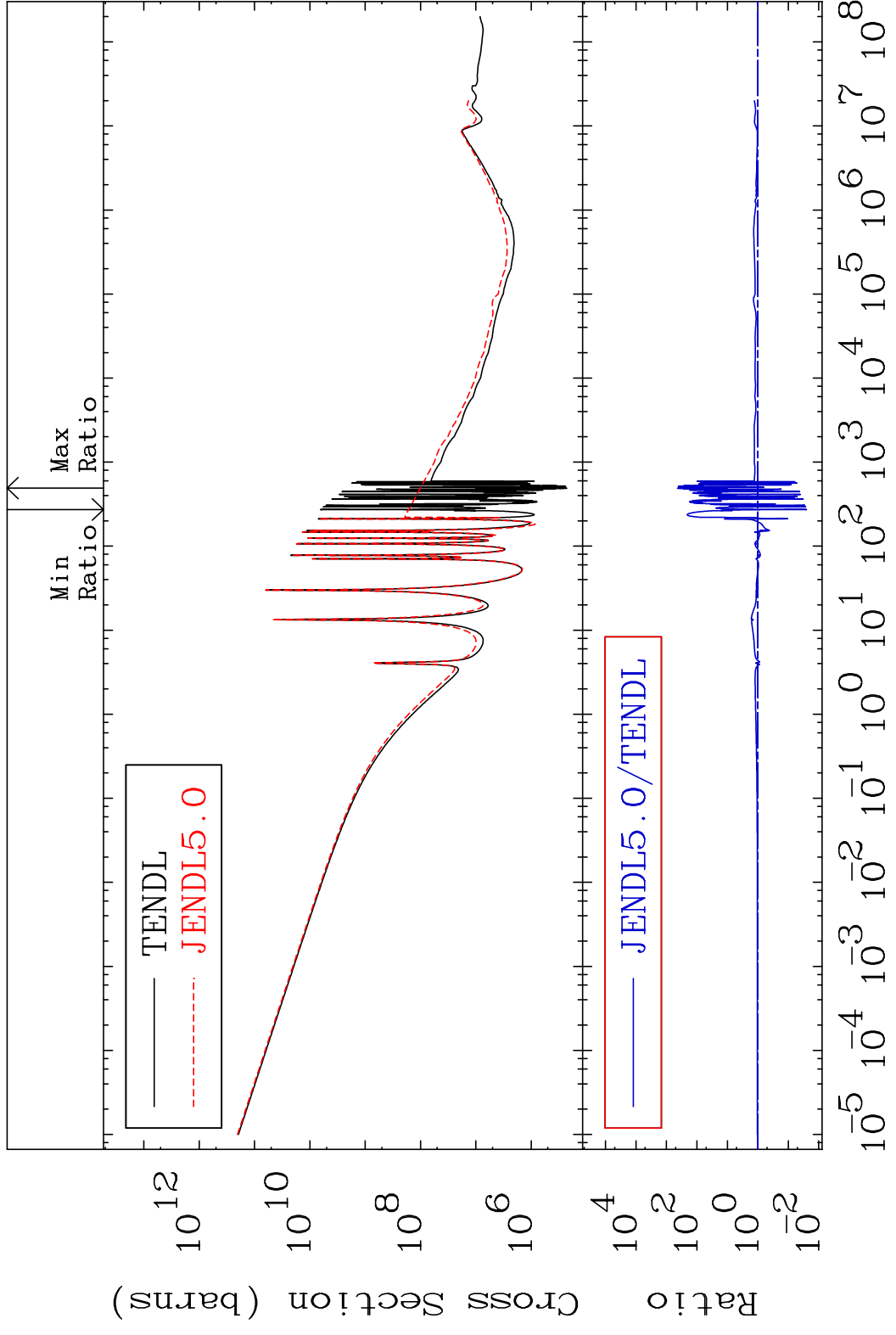
MAT 7225 Kerma fission (mt18 or mt19-20-21-38)72-Hf-174
 Cross Section 1462. To 9999. %





MAT 7225

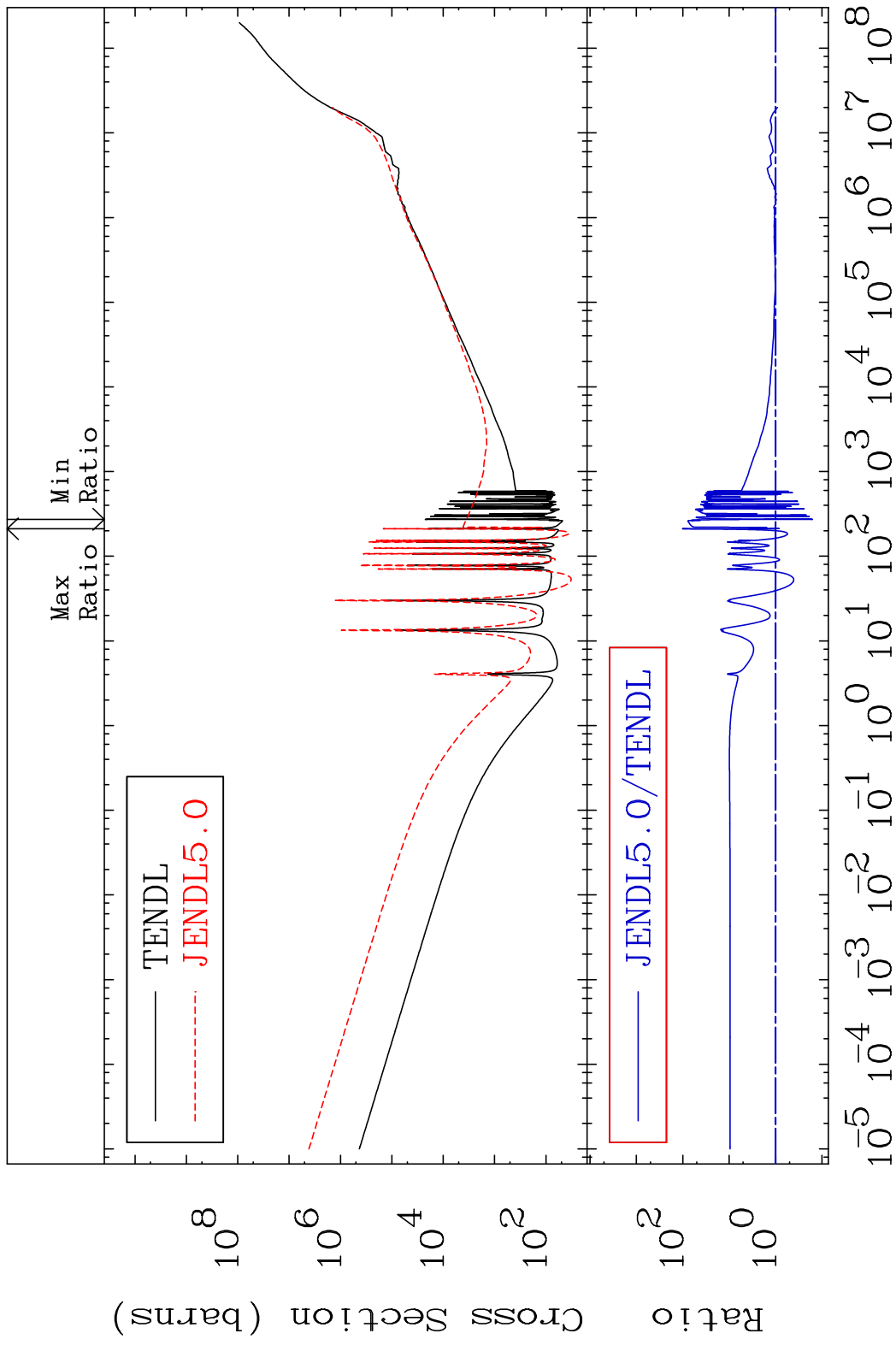
Total photon (eV-barns) 72-Hf-174
Cross Section -97.45 To 9999. %



57

Incident Energy (eV) 72-Hf-174

MAT 7225 Total kinematic kerma (high limit) 72-Hf-174
 Cross Section -84.07 To 9999. %

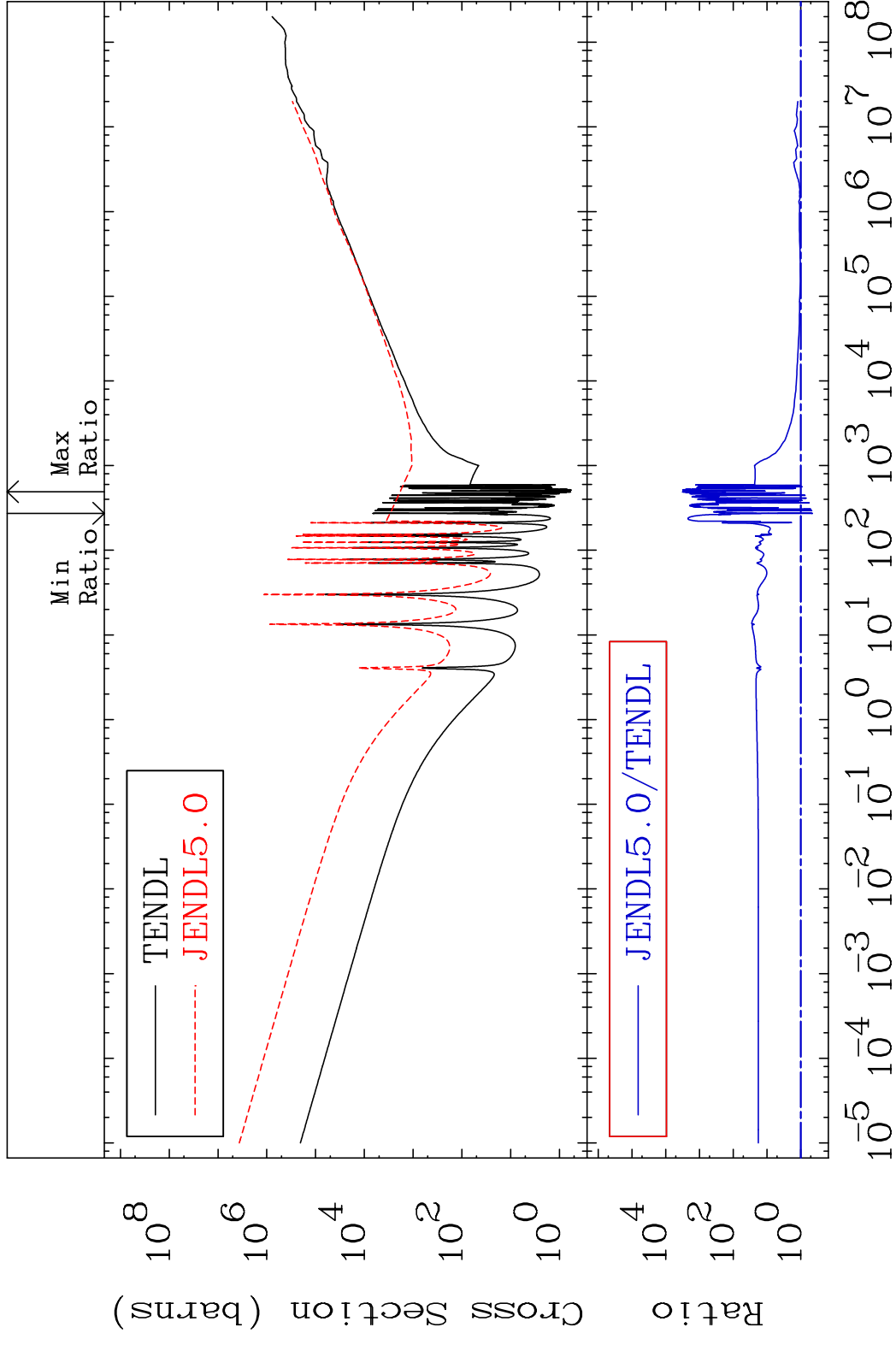


MAT 7225

Dpa total (eV-barns)

72-Hf-174

Cross Section -55.59 To 9999. %



59

Incident Energy (eV)

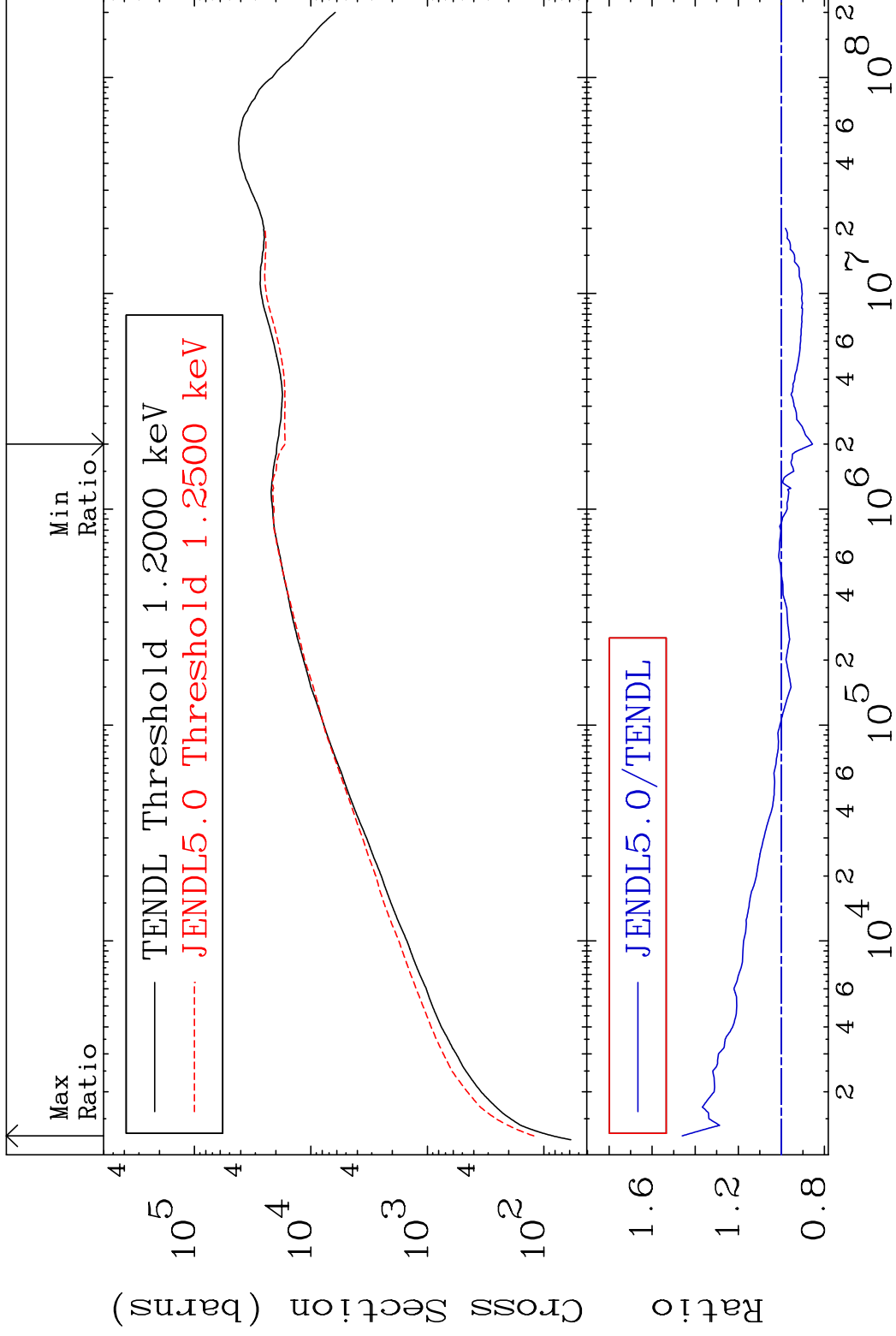
72-Hf-174

MAT 7225

Dpa elastic (mt2)

72-Hf-174

Cross Section -14.47 To 46.05 %

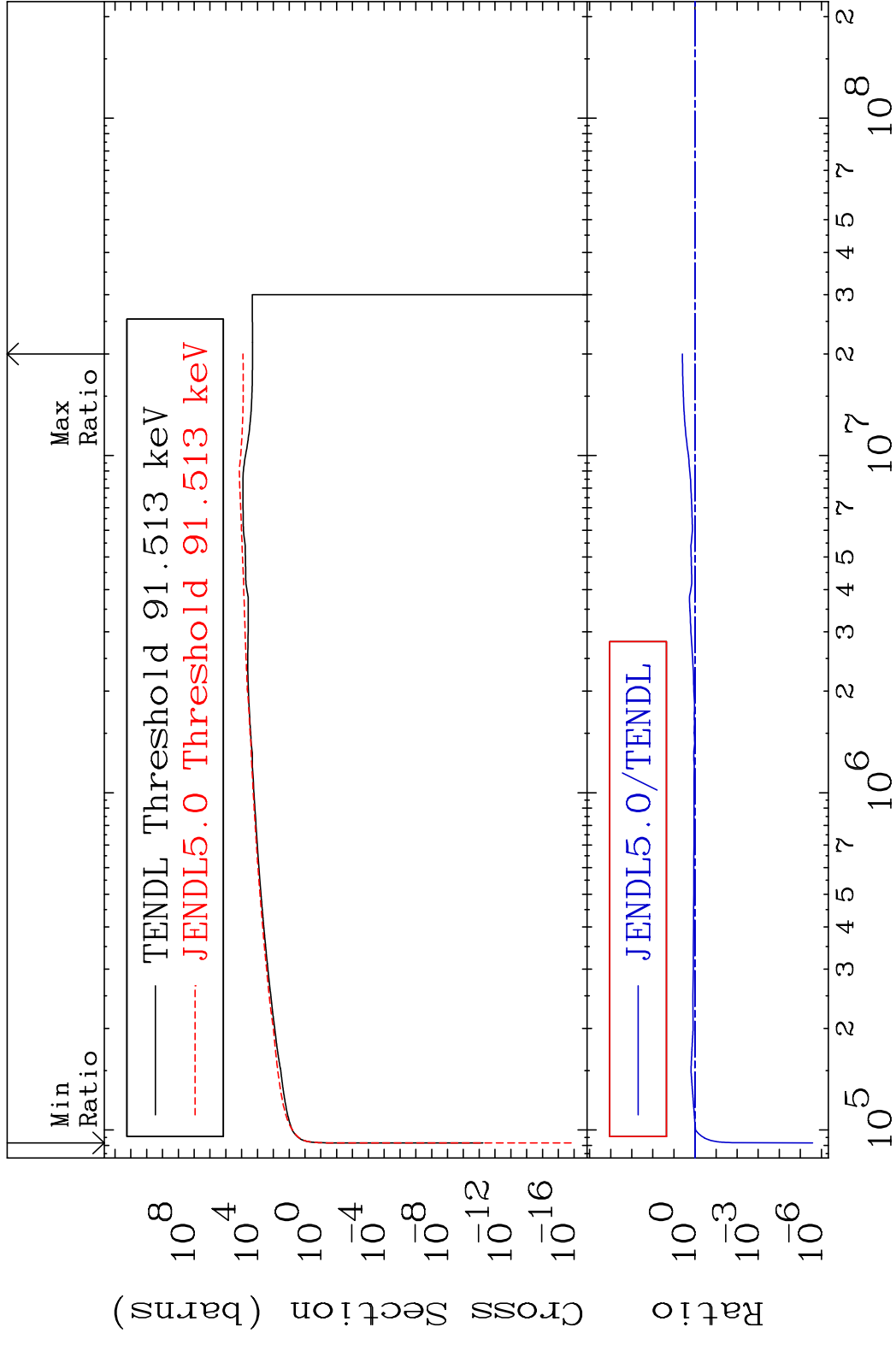


60

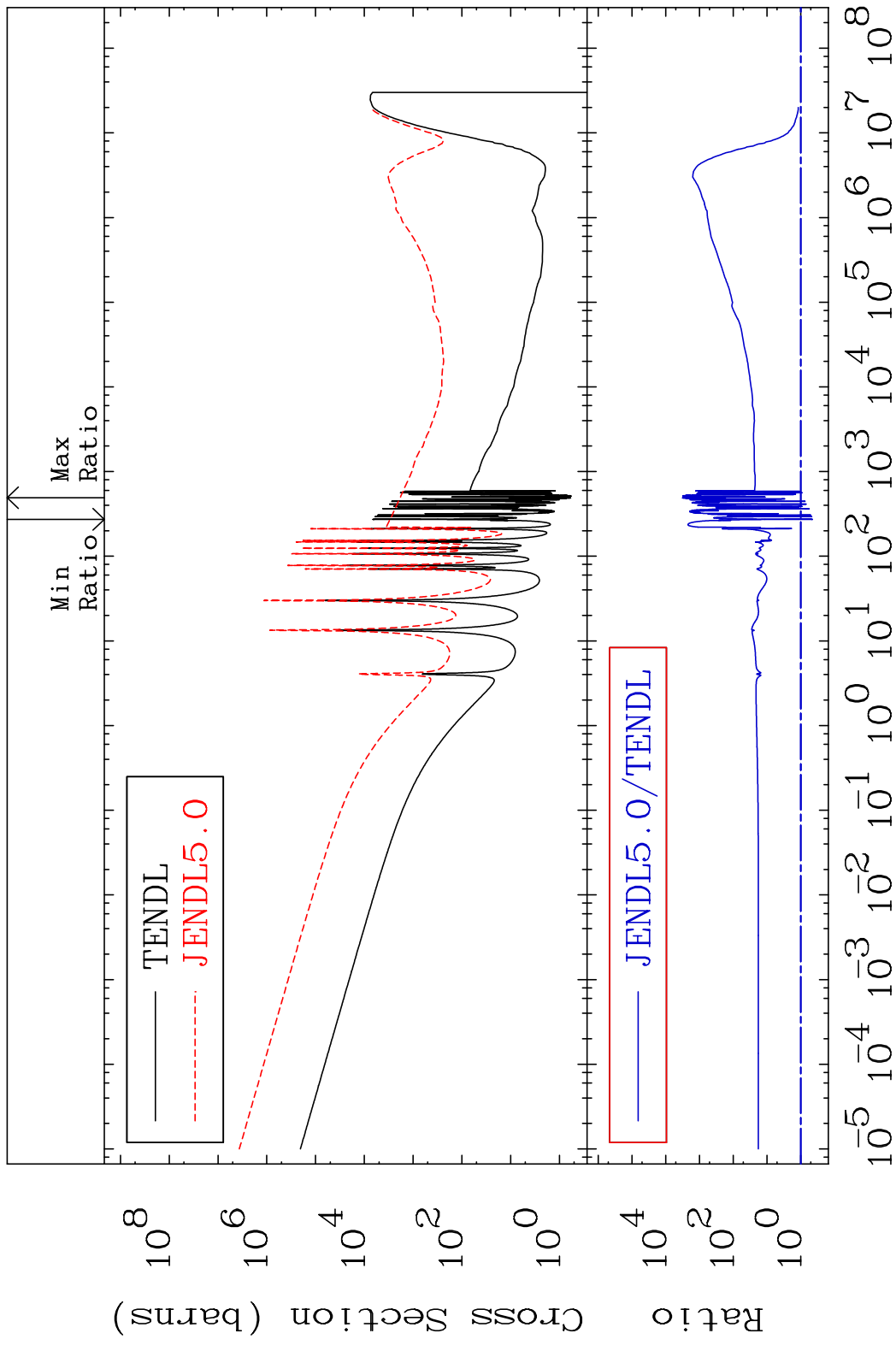
Incident Energy (eV)

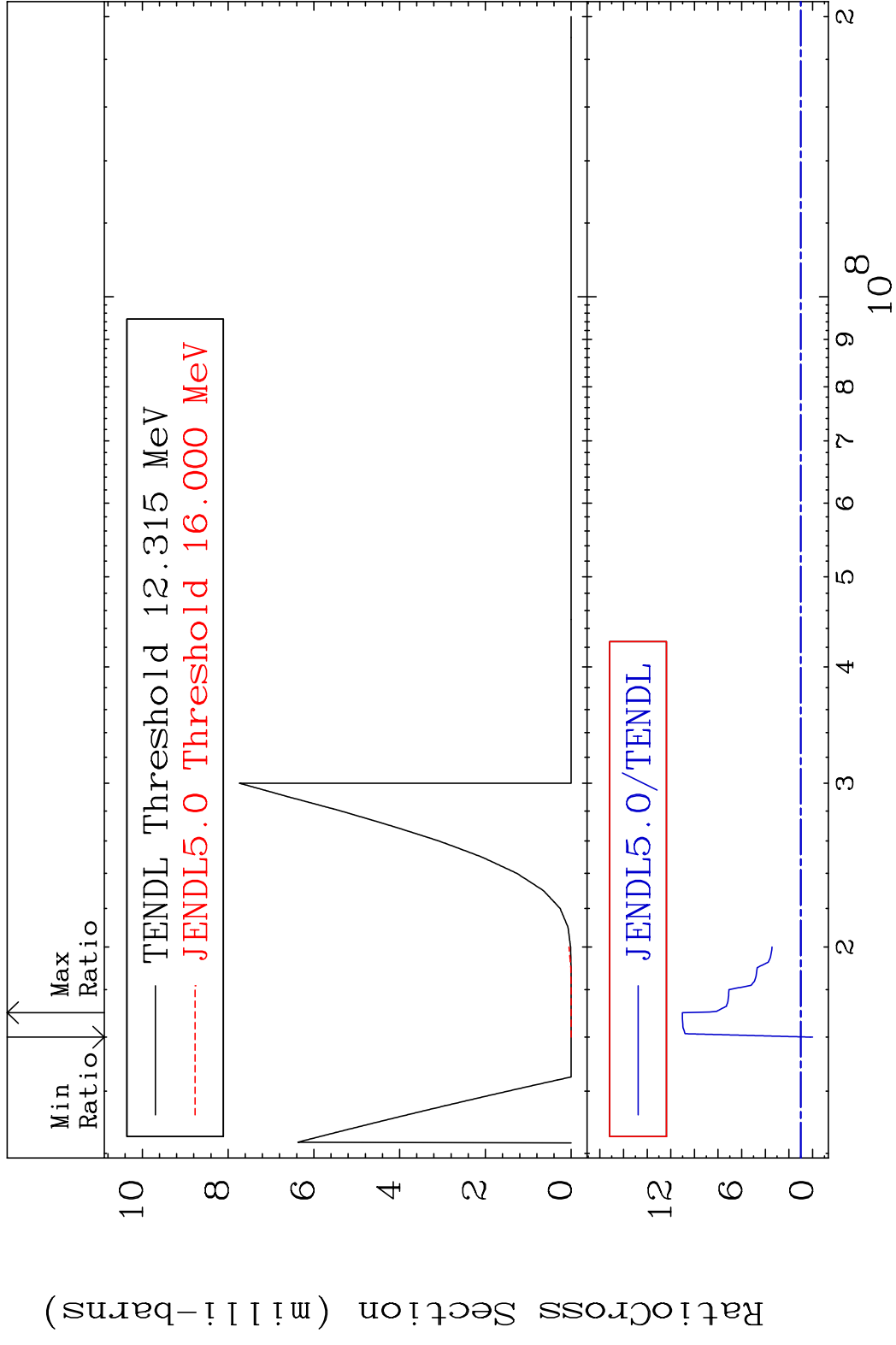
72-Hf-174

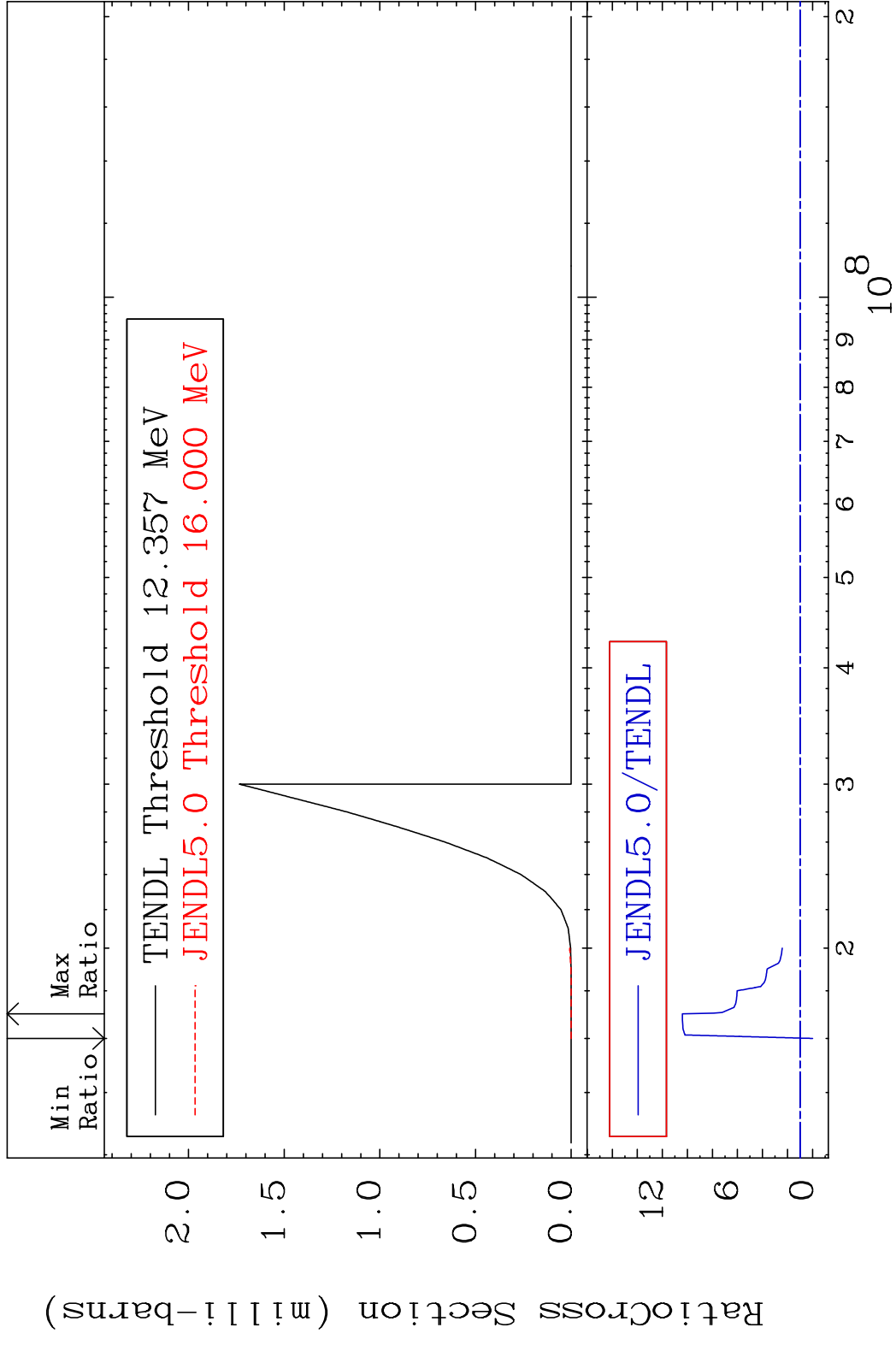
MAT 7225 Dpa inelastic (mt51-91) 72-Hf-174
 Cross Section -100.0 To 297.7 %



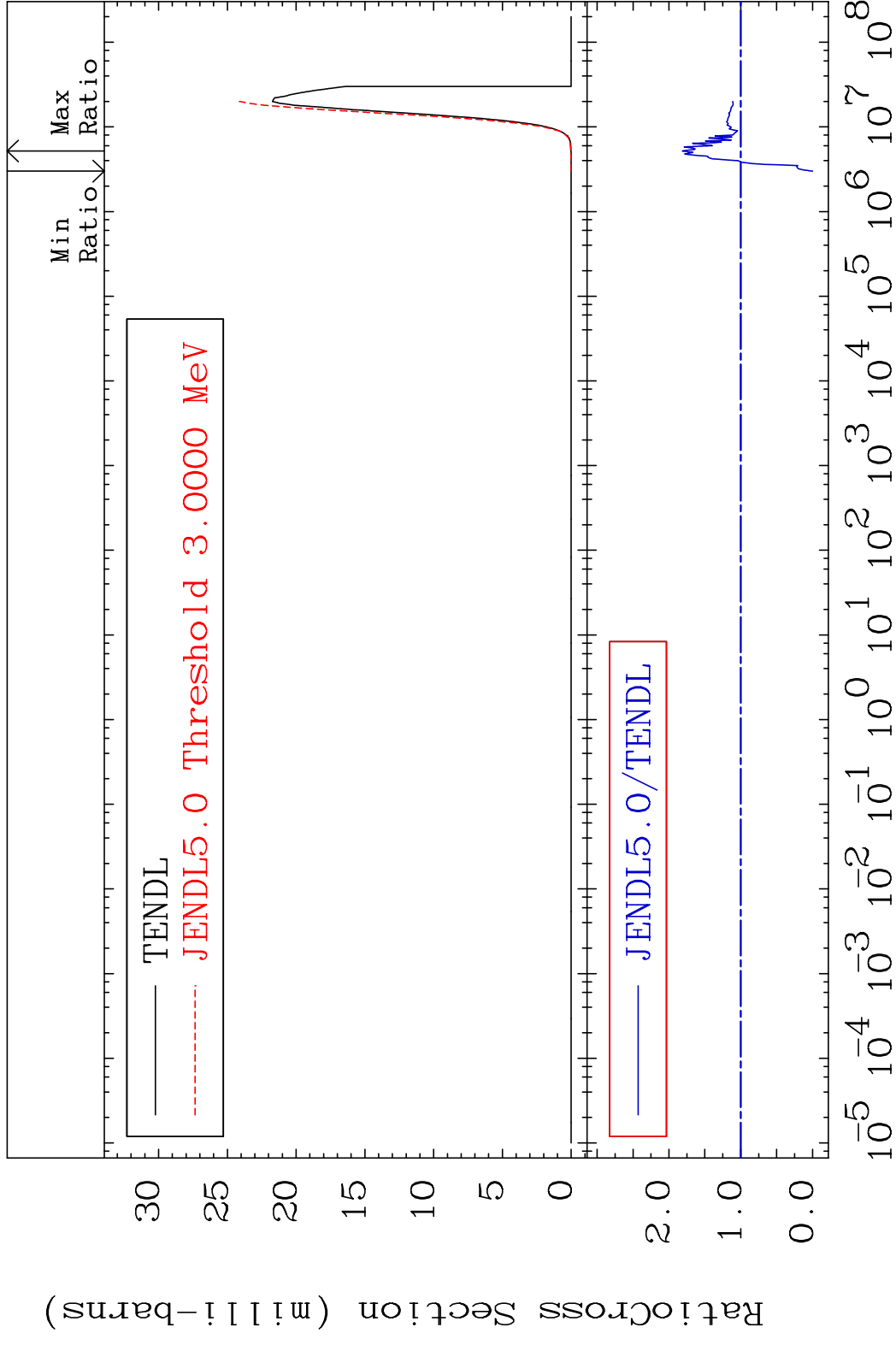
MAT 7225 Dpa disappearance (mt102 -120) 72-Hf-174
 Cross Section -55.59 To 9999. %



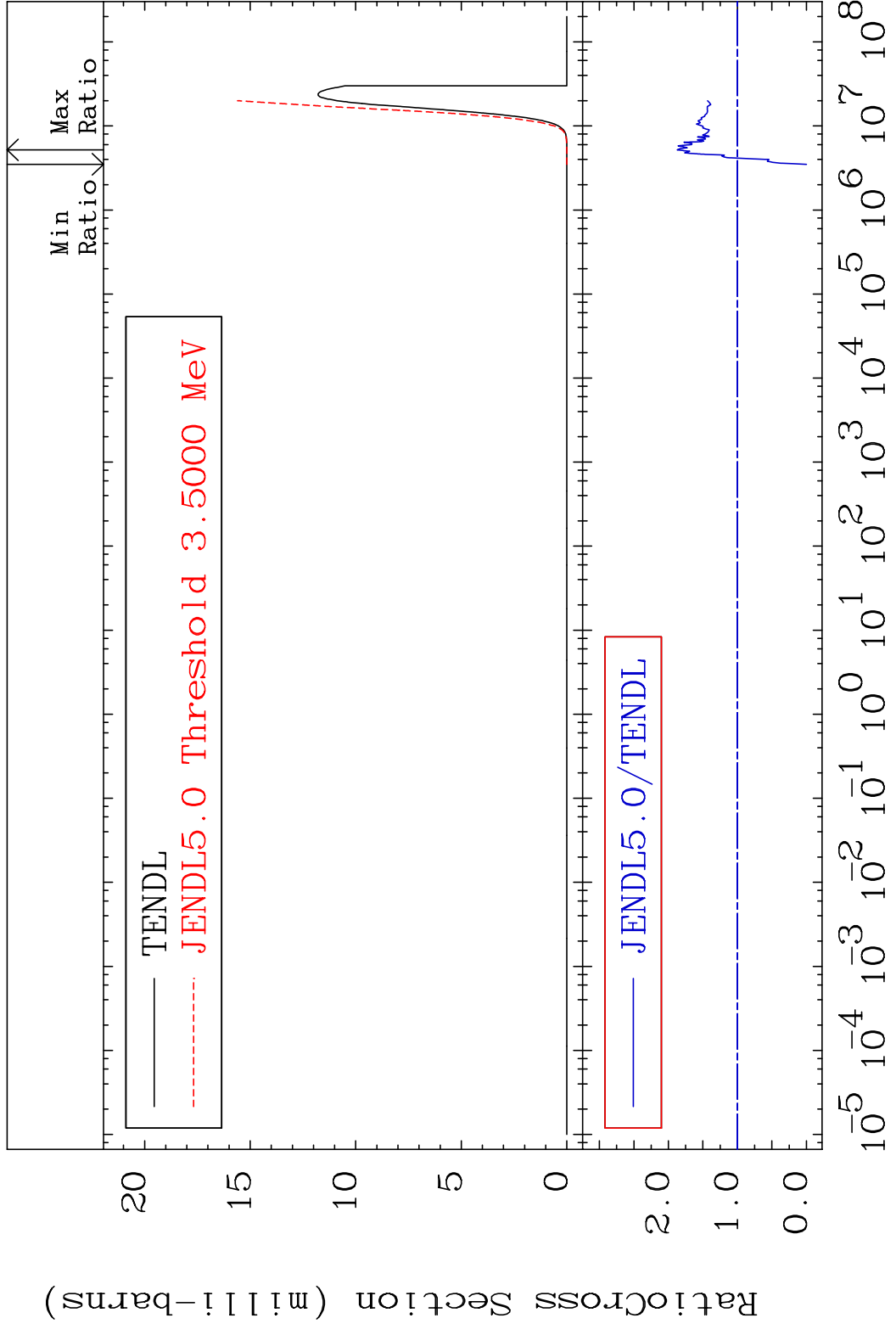




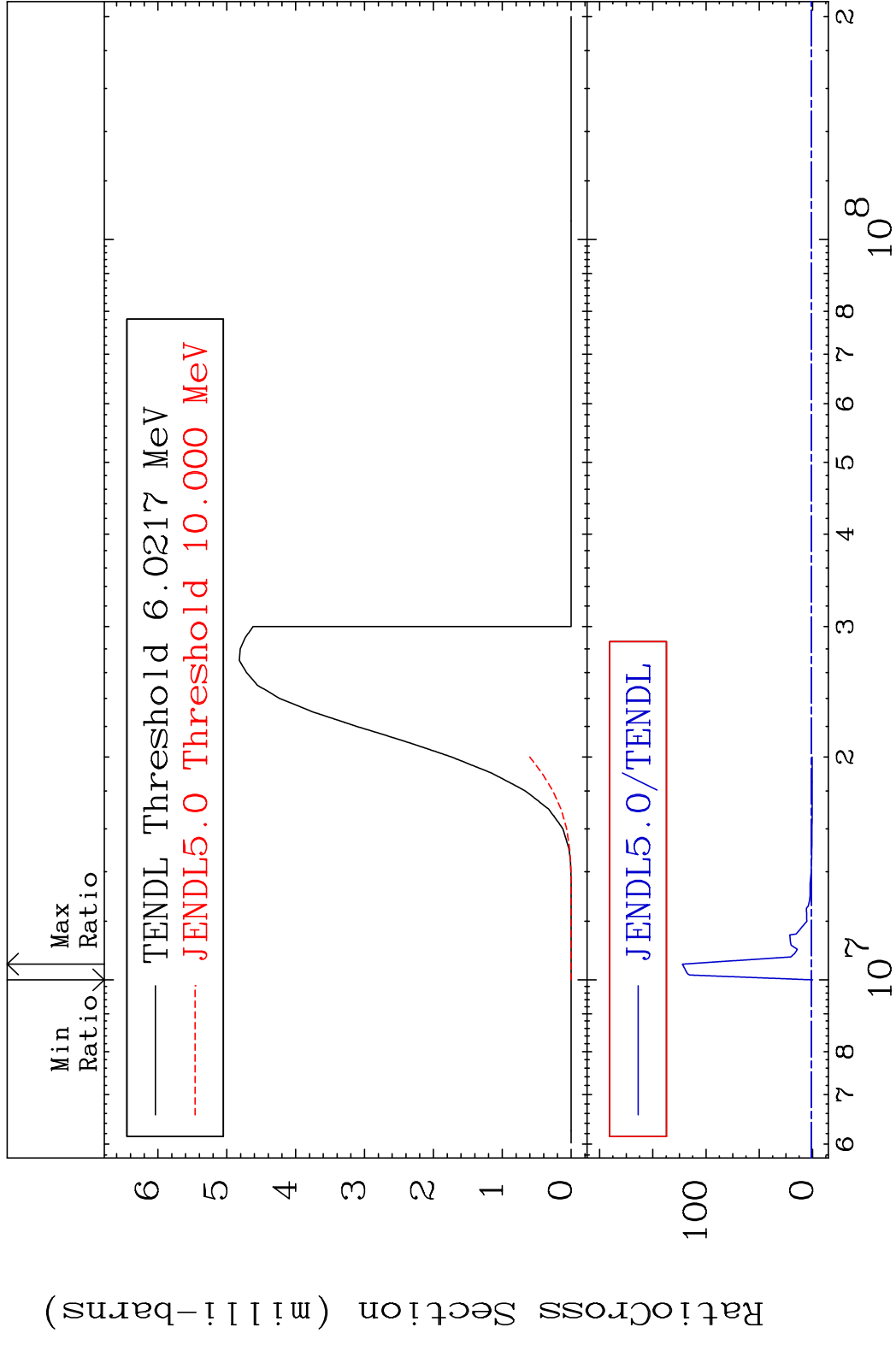
MAT 7225 (n,p):71-Lu-174g 72-Hf-174
 Radionuclide Production Cross Section 180.01 dth 81.30 %



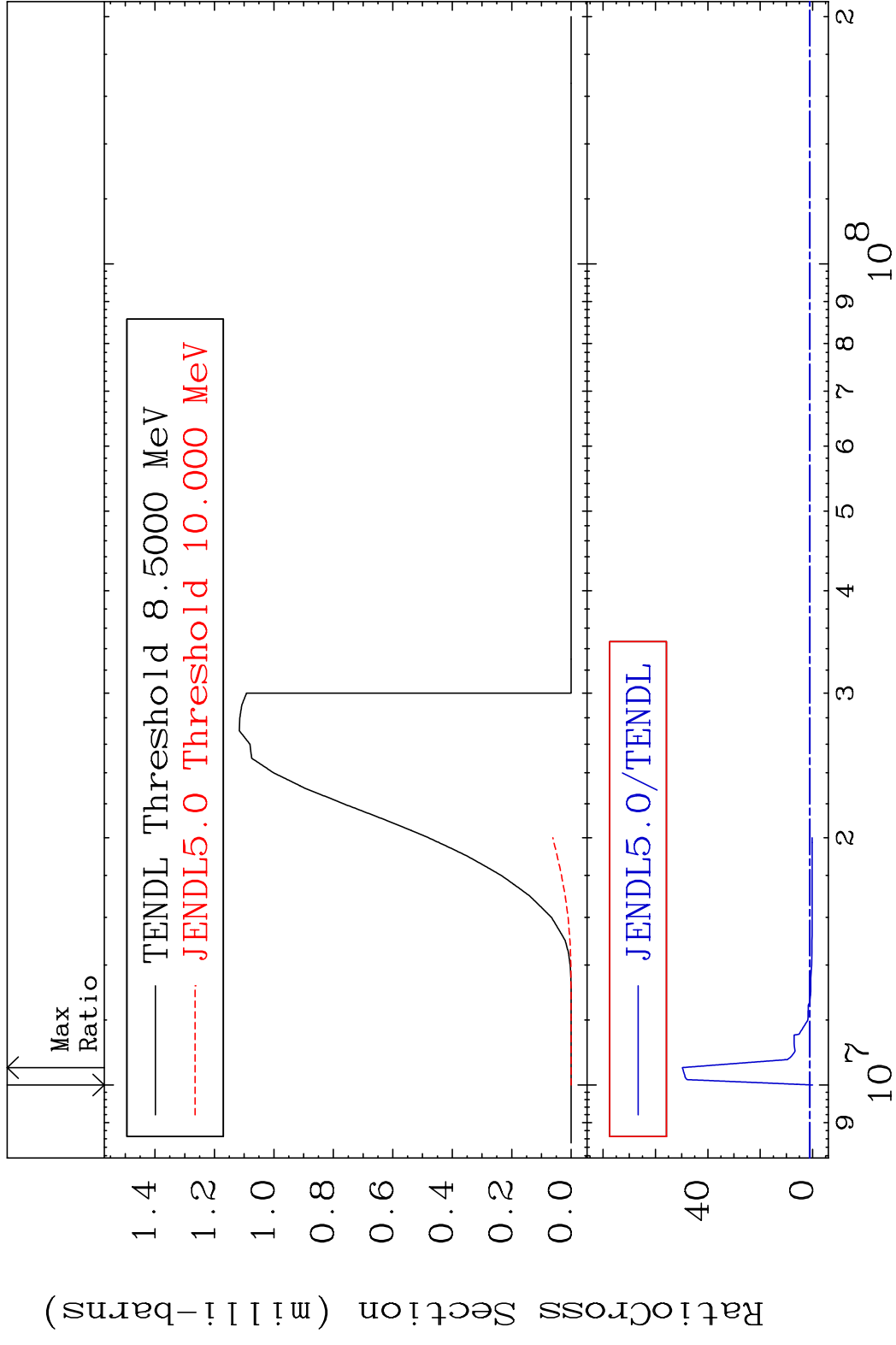
MAT 7225 (n, p): 71-Lu-174m3 72-Hf-174
 Radionuclide Production Cross Section 180.01 dth 87.27 %



MAT 7225 (n, t): 71-Lu-172g 72-Hf-174
 Radionuclide Production Cross Section 100.000000 9999. %



67 Incident Energy (eV) 72-Hf-174

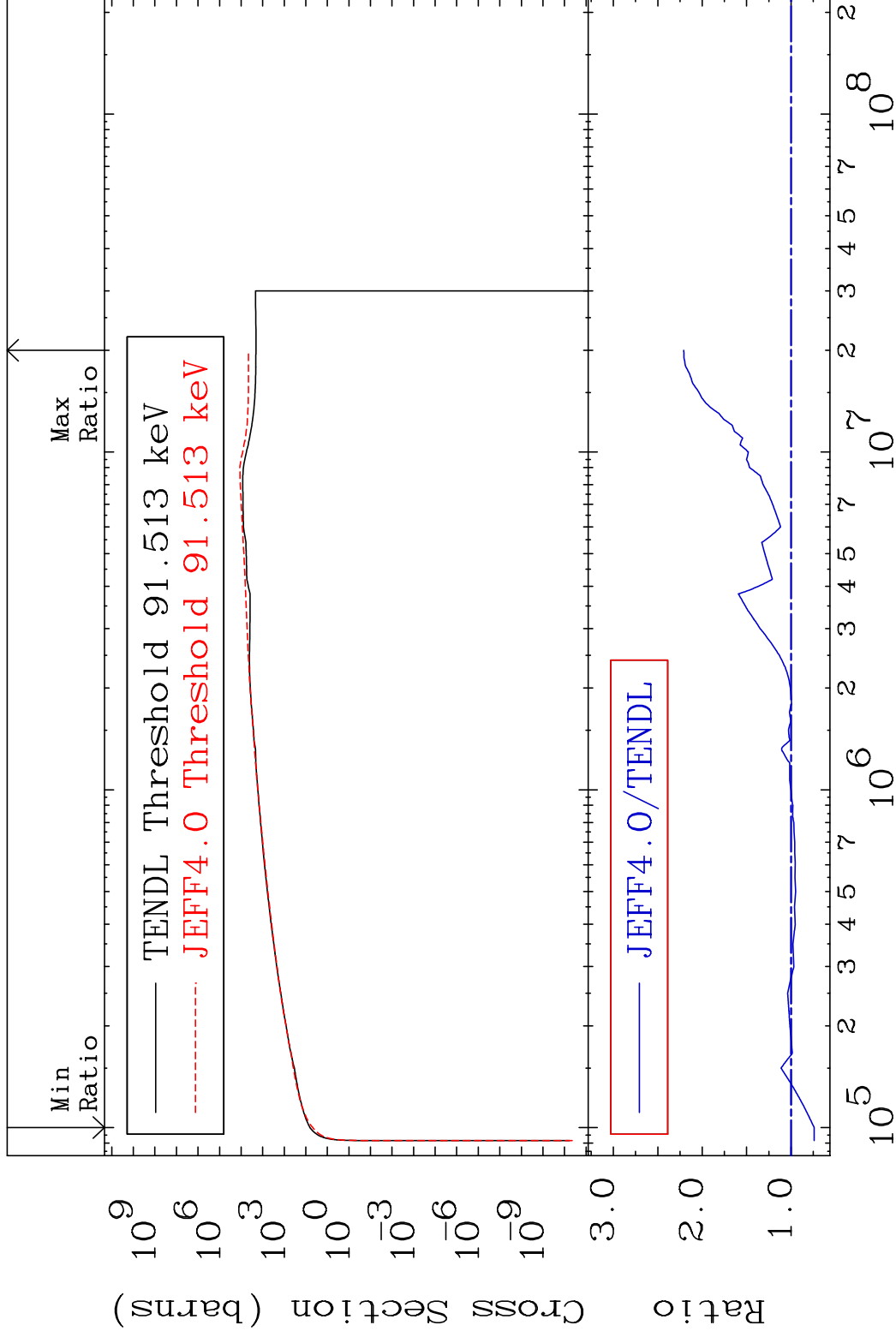


MAT 7225

Dpa inelastic (mt51-91)

72-Hf-174

Cross Section -25.96 To 120.9 %

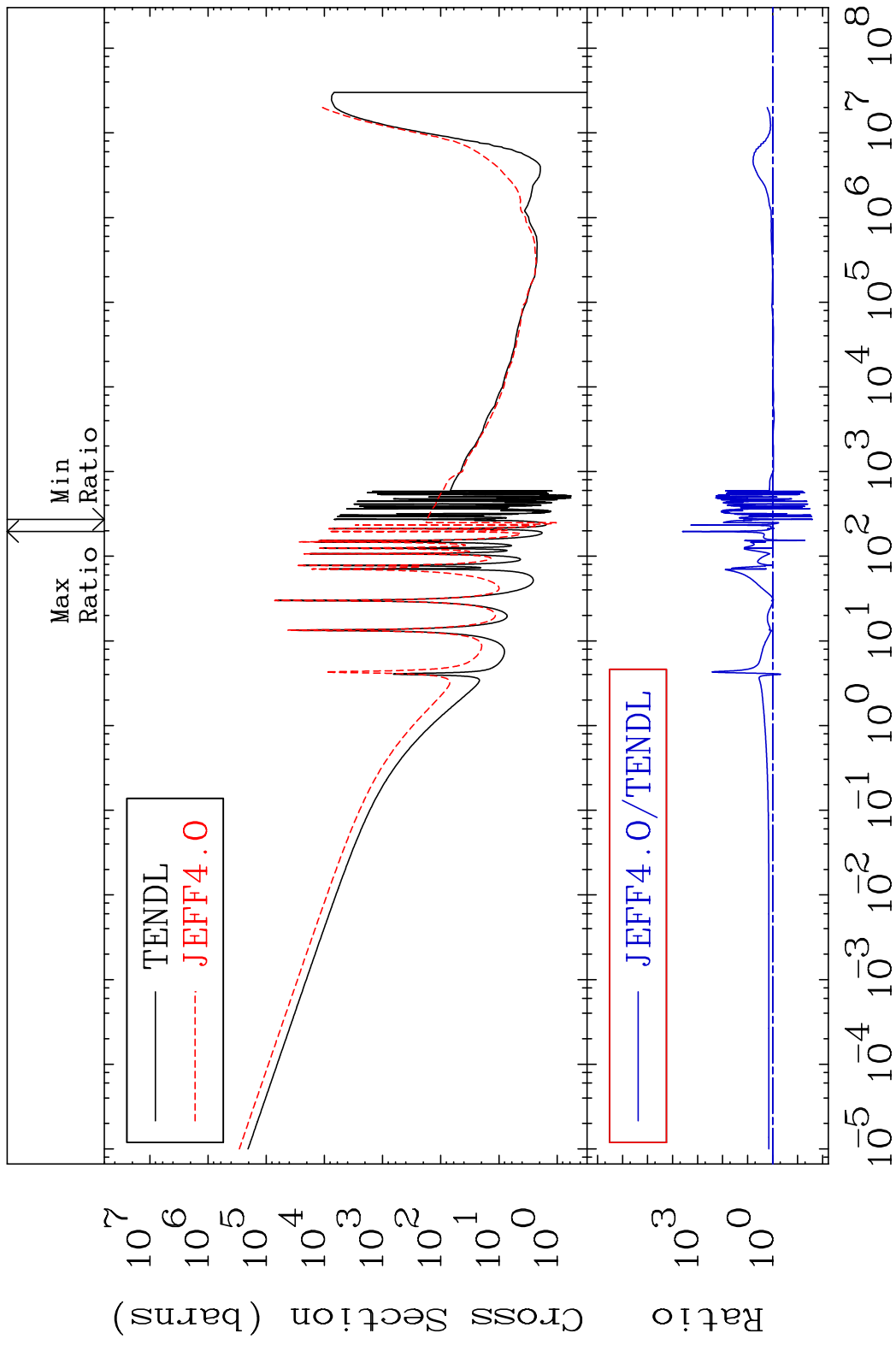


69

Incident Energy (eV)

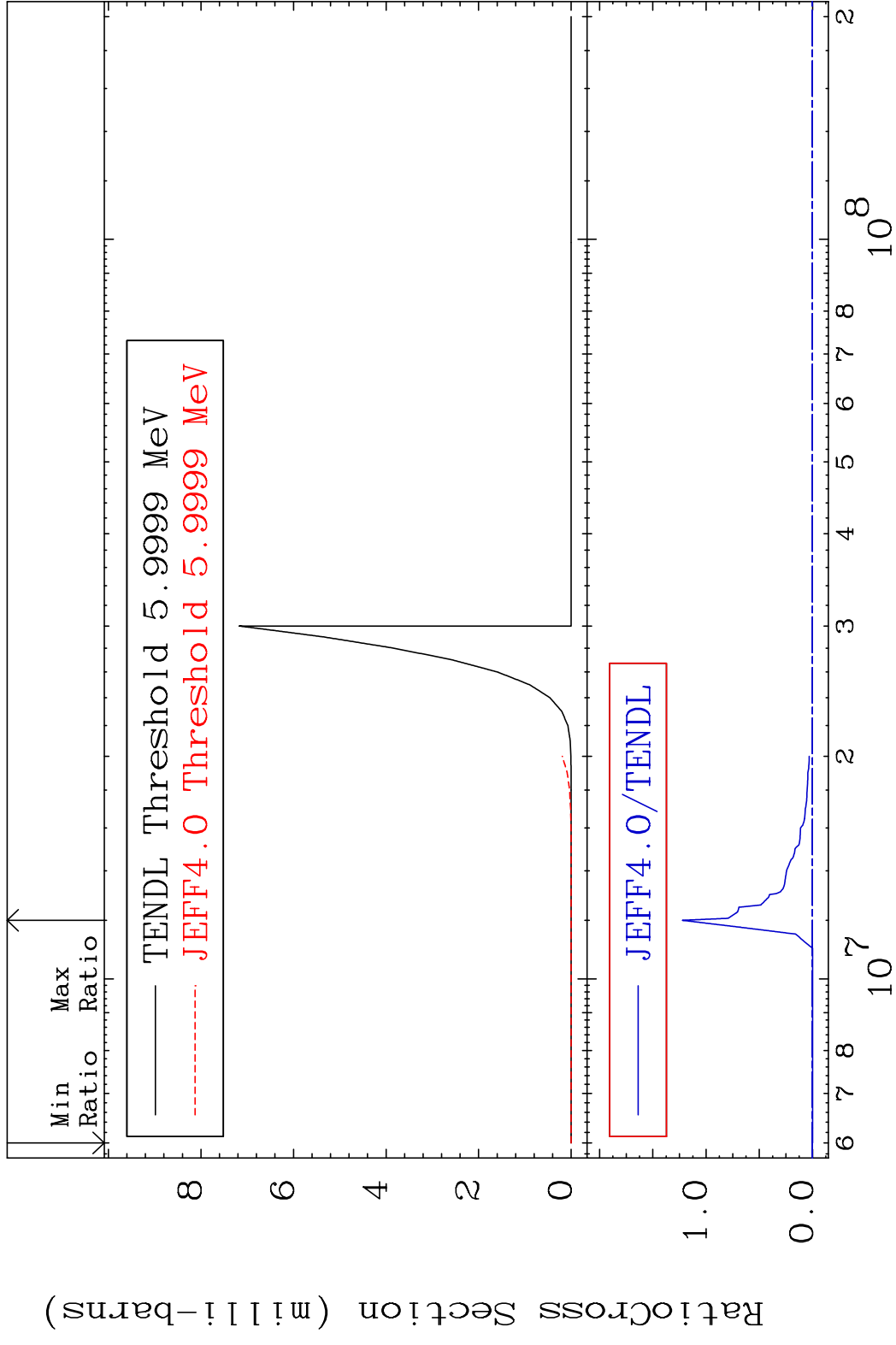
72-Hf-174

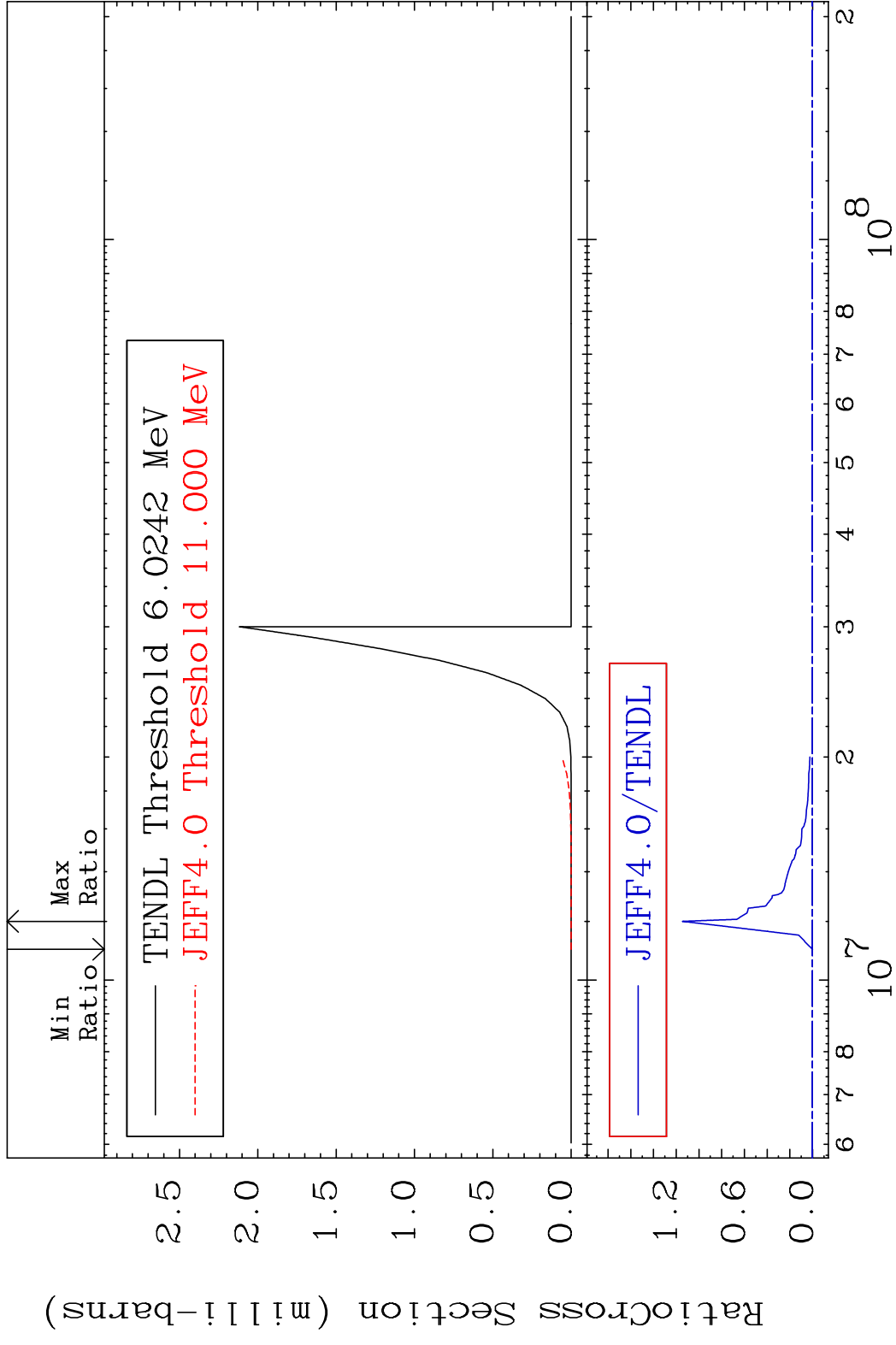
MAT 7225 Dpa disappearance (mt102 -120) 72-Hf-174
 Cross Section -97.46 To 9999. %

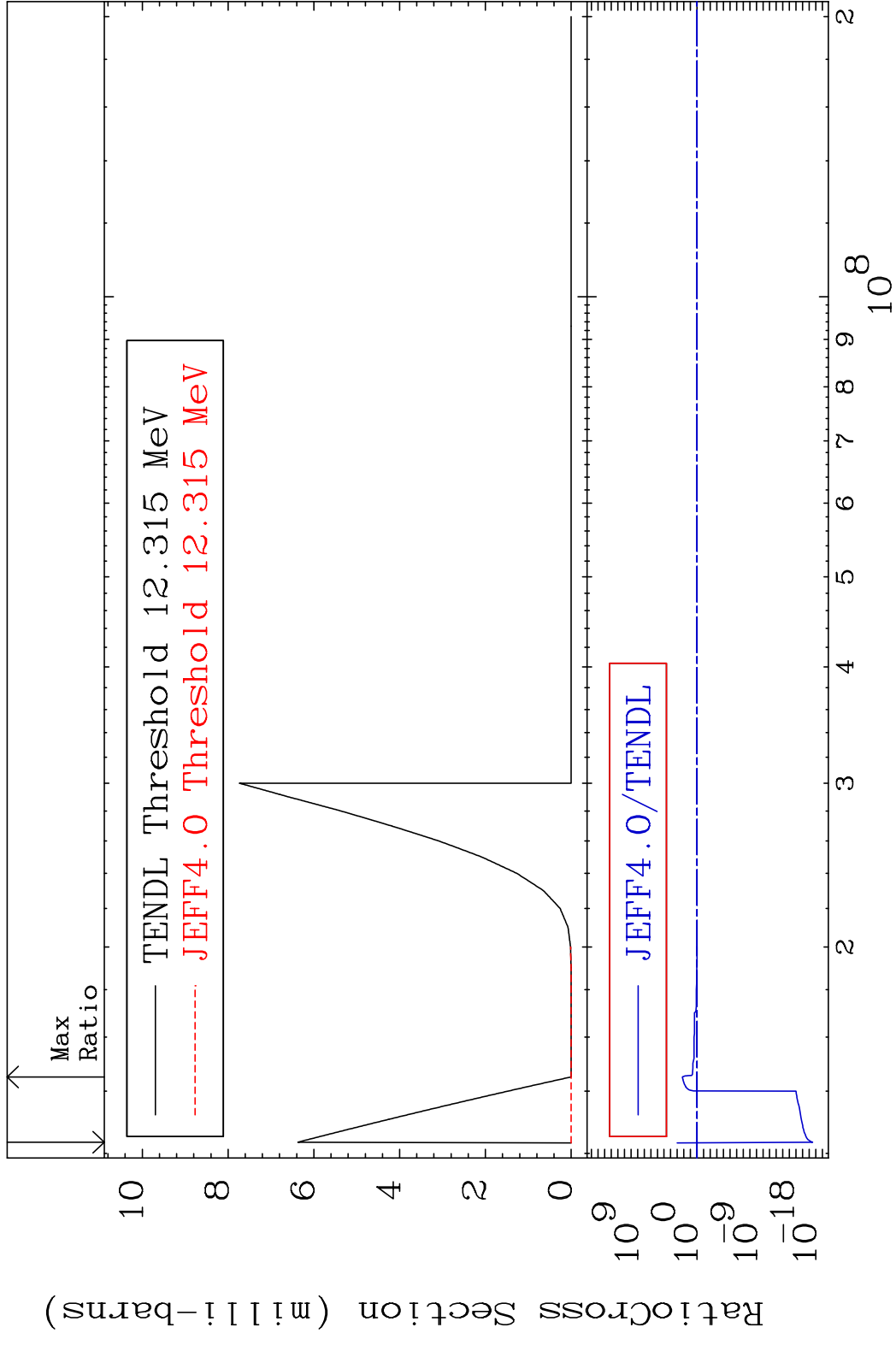


70 Incident Energy (eV) 72-Hf-174

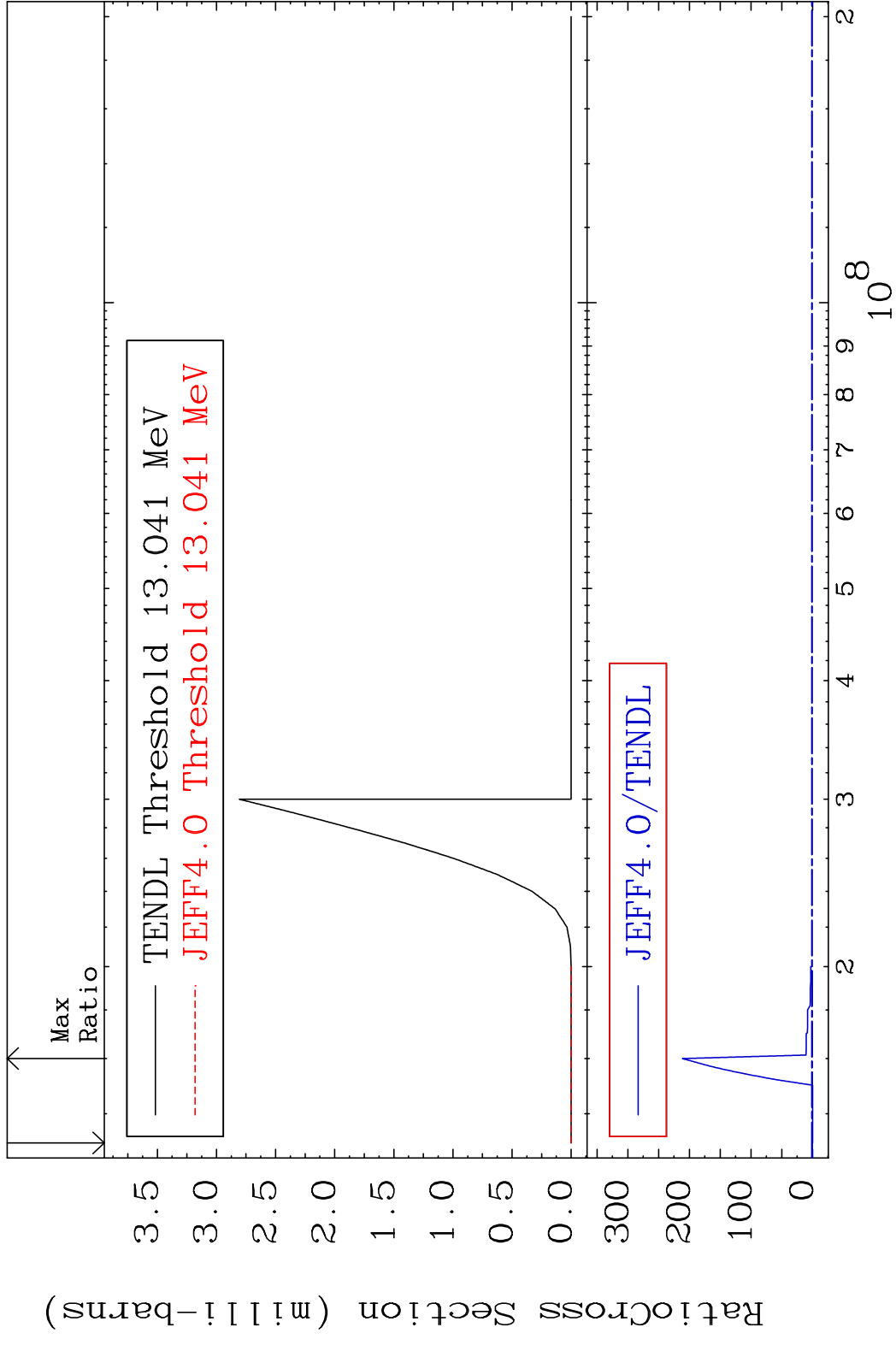
MAT 7225 (n,2n) α :70-Yb-169g 72-Hf-174
 Radionuclide Production Cross Section Ratio 9999. %

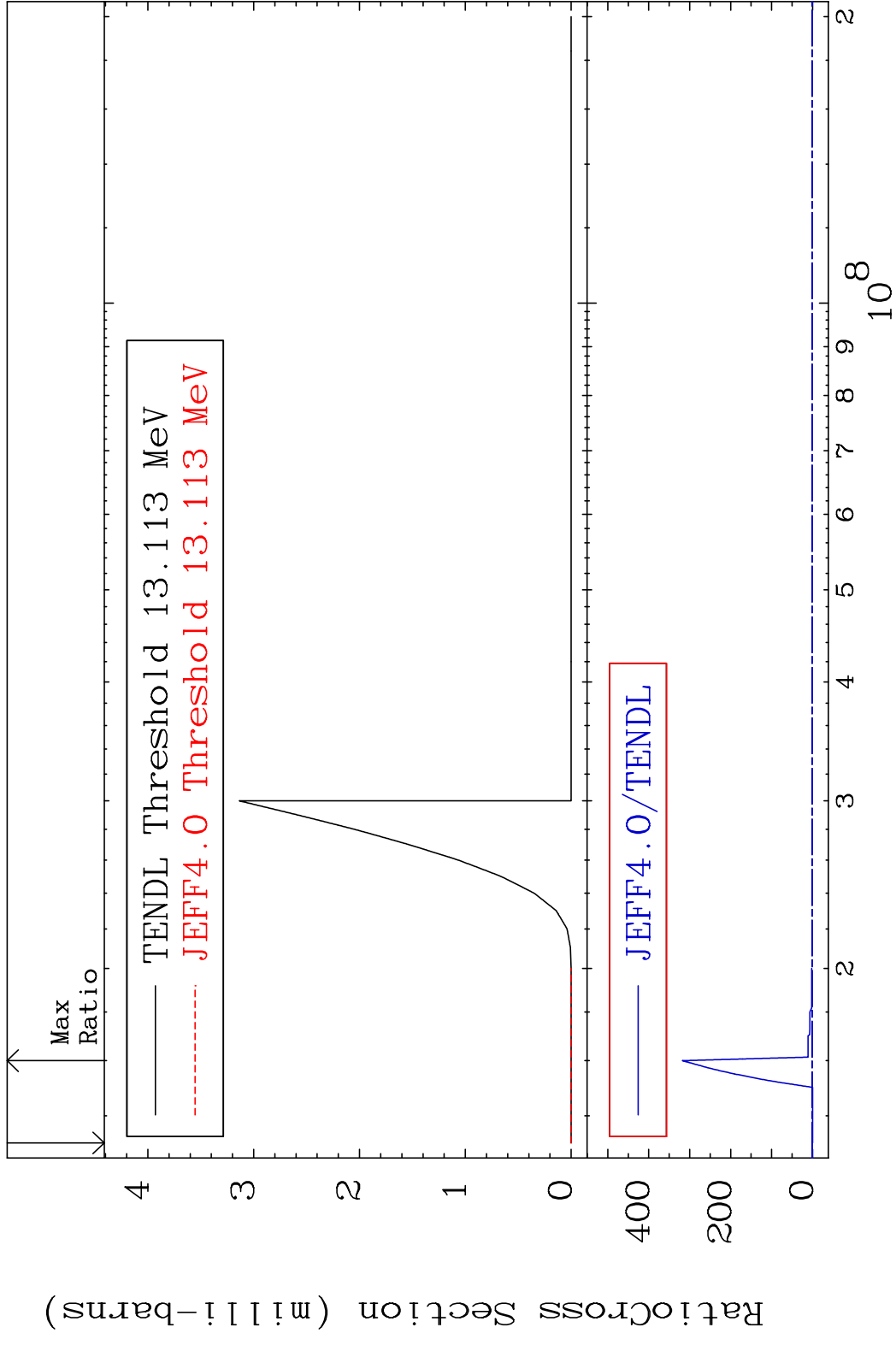


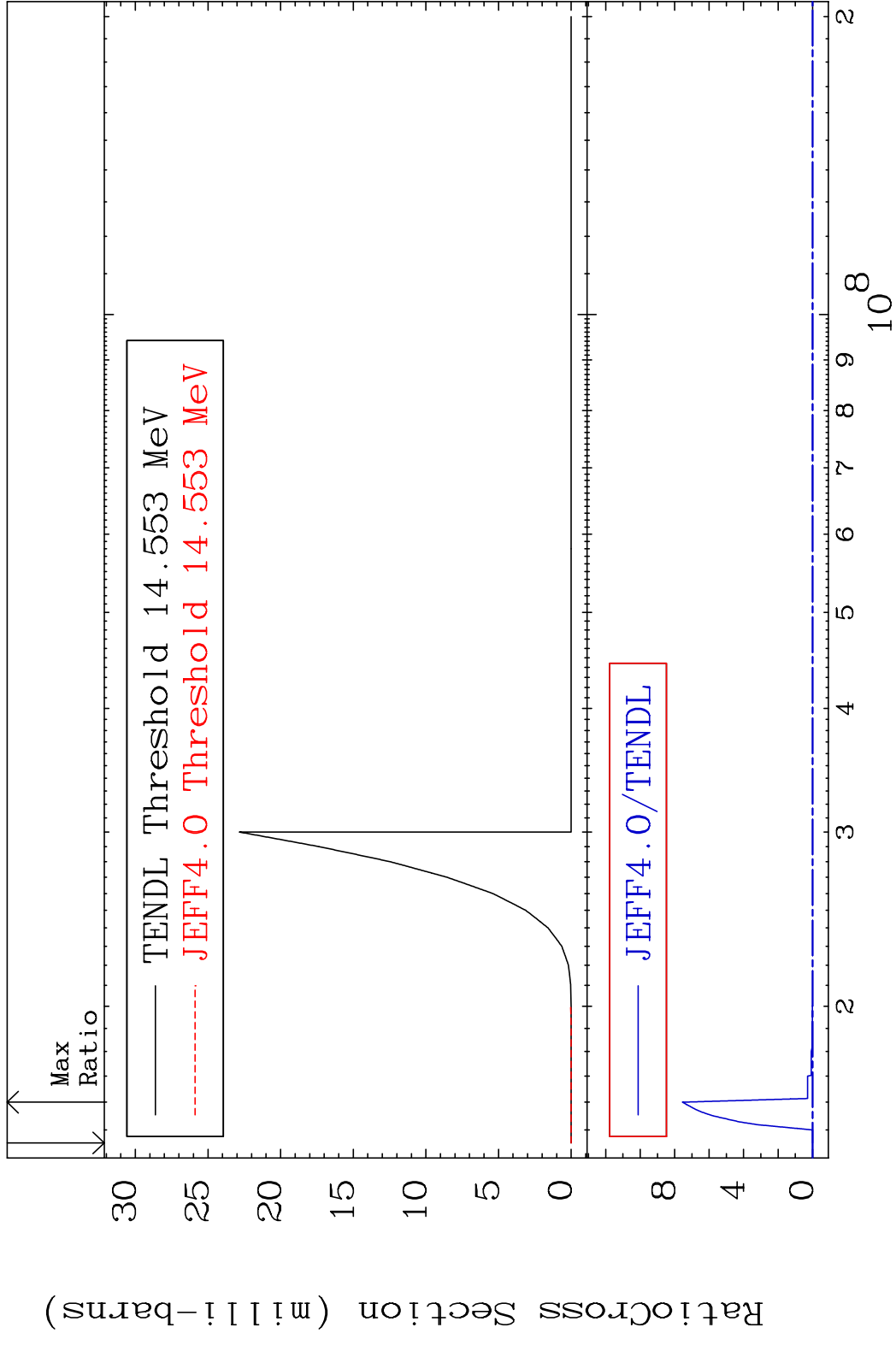


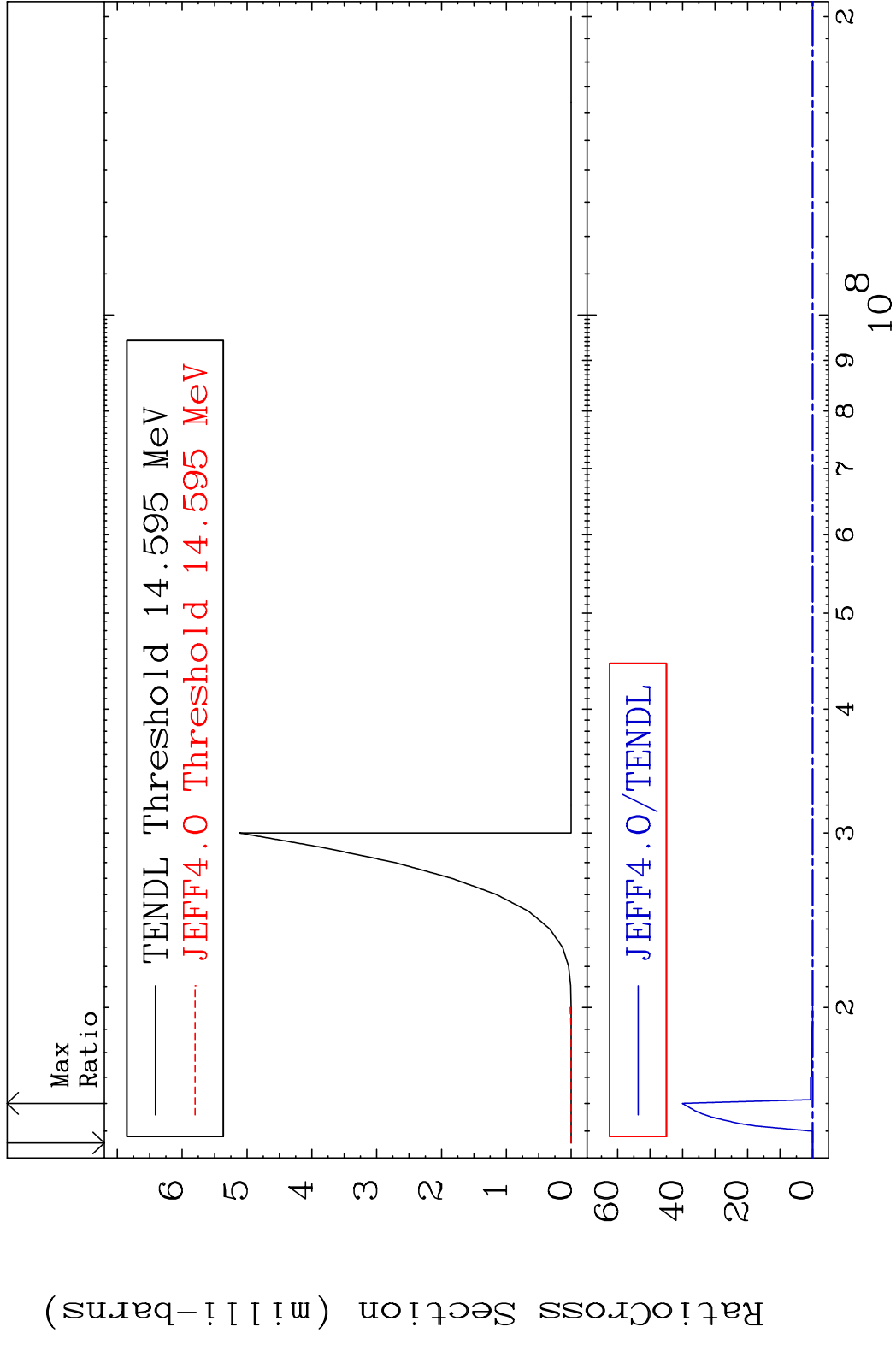


MAT 7225 (n, n') t:71-Lu-171g 72-Hf-174
 Radionuclide Production Cross Section 100.00 % 9999. %

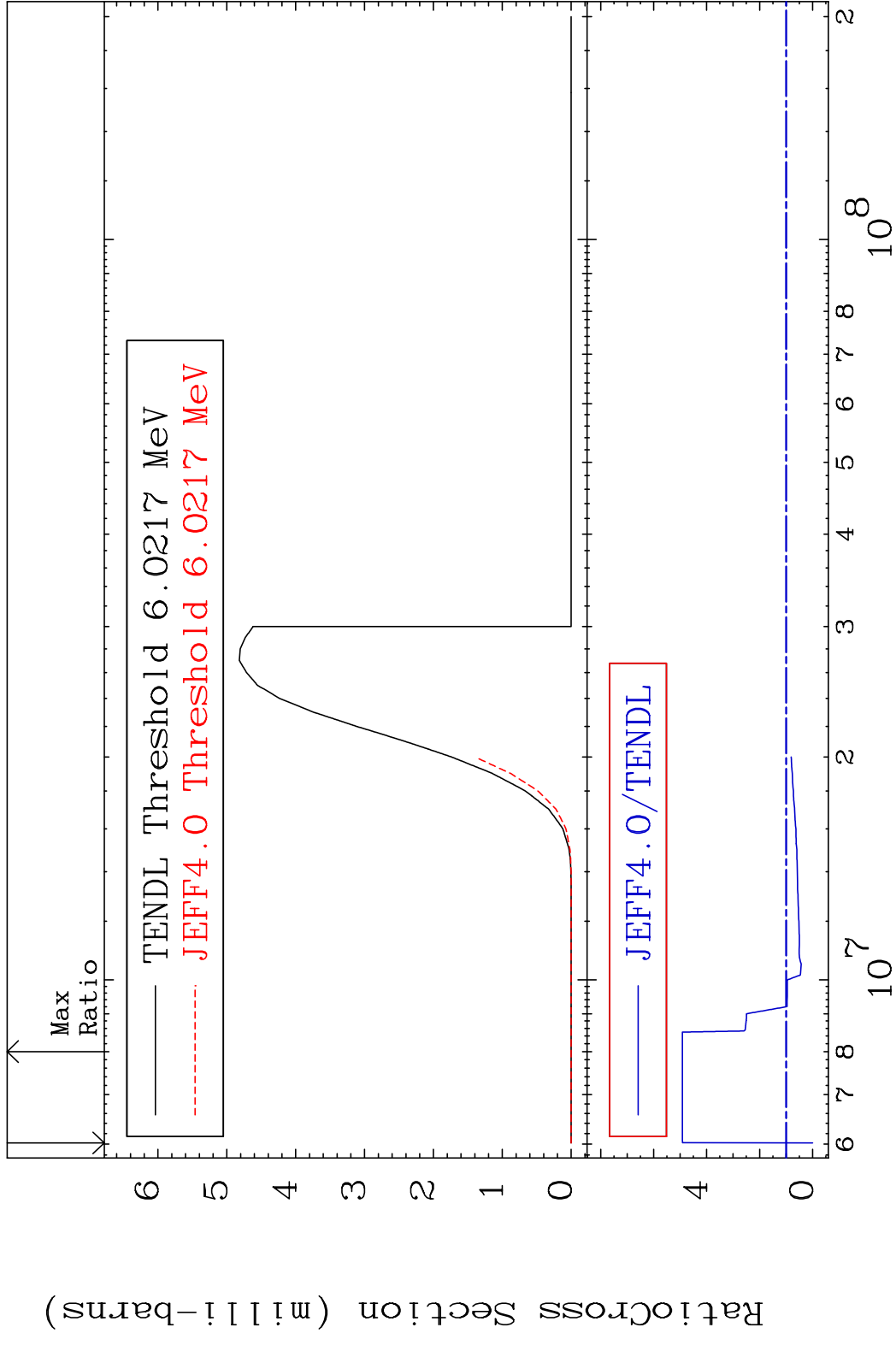








MAT 7225 (n, t):71-Lu-172g 72-Hf-174
 Radionuclide Production Cross Section 180.0 mb 391.6 %



79 Incident Energy (eV) 72-Hf-174

MAT 7225 (n, t): 71-Lu-172m1 72-Hf-174
 Radionuclide Production Cross Section 55e93 d10 73.73 %

