

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

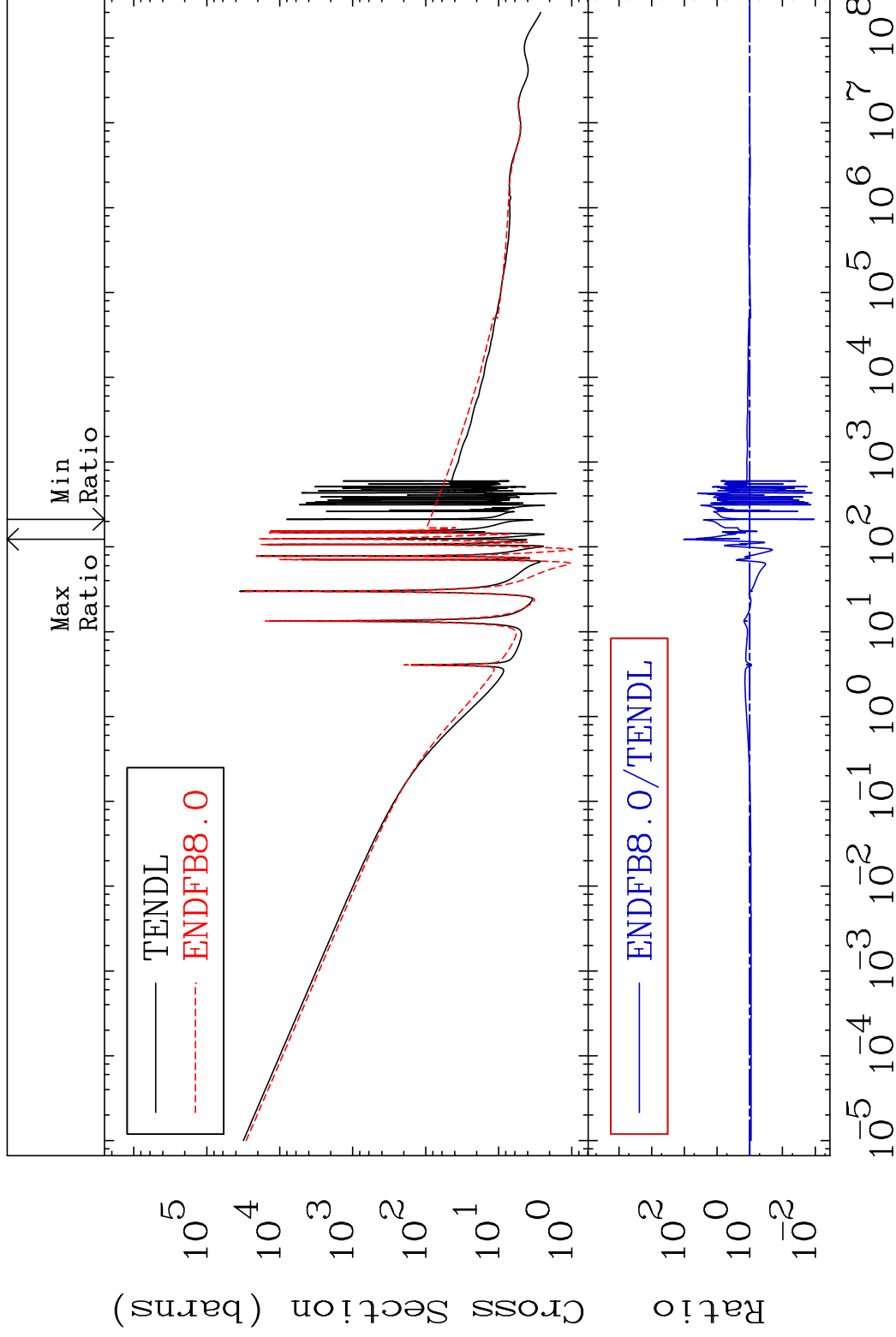
MAT 7225

Total

72-Hf-174

Cross Section

-98.92 To 9999. %



1

Incident Energy (eV)

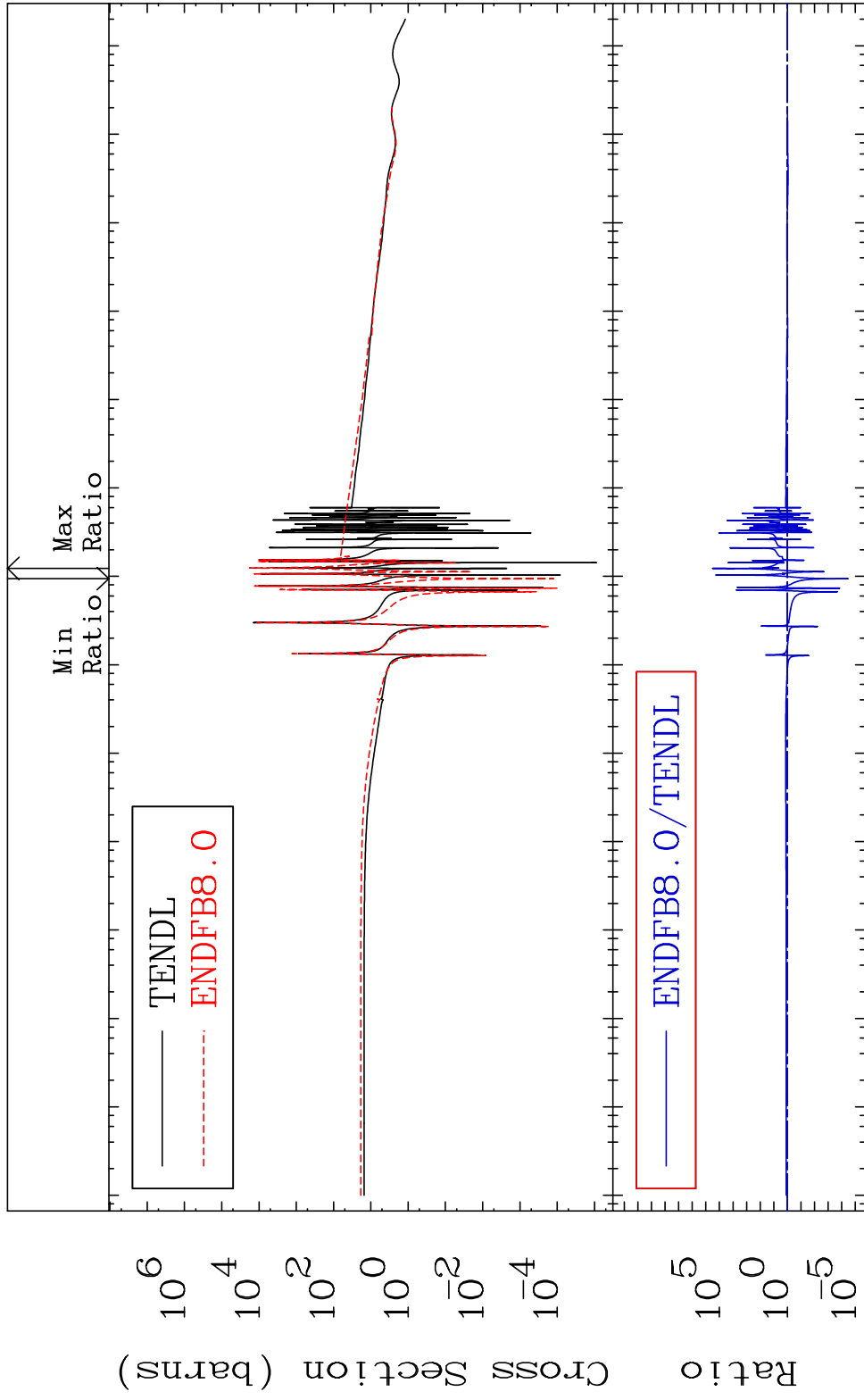
72-Hf-174

MAT 7225

Elastic

72-Hf-174

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

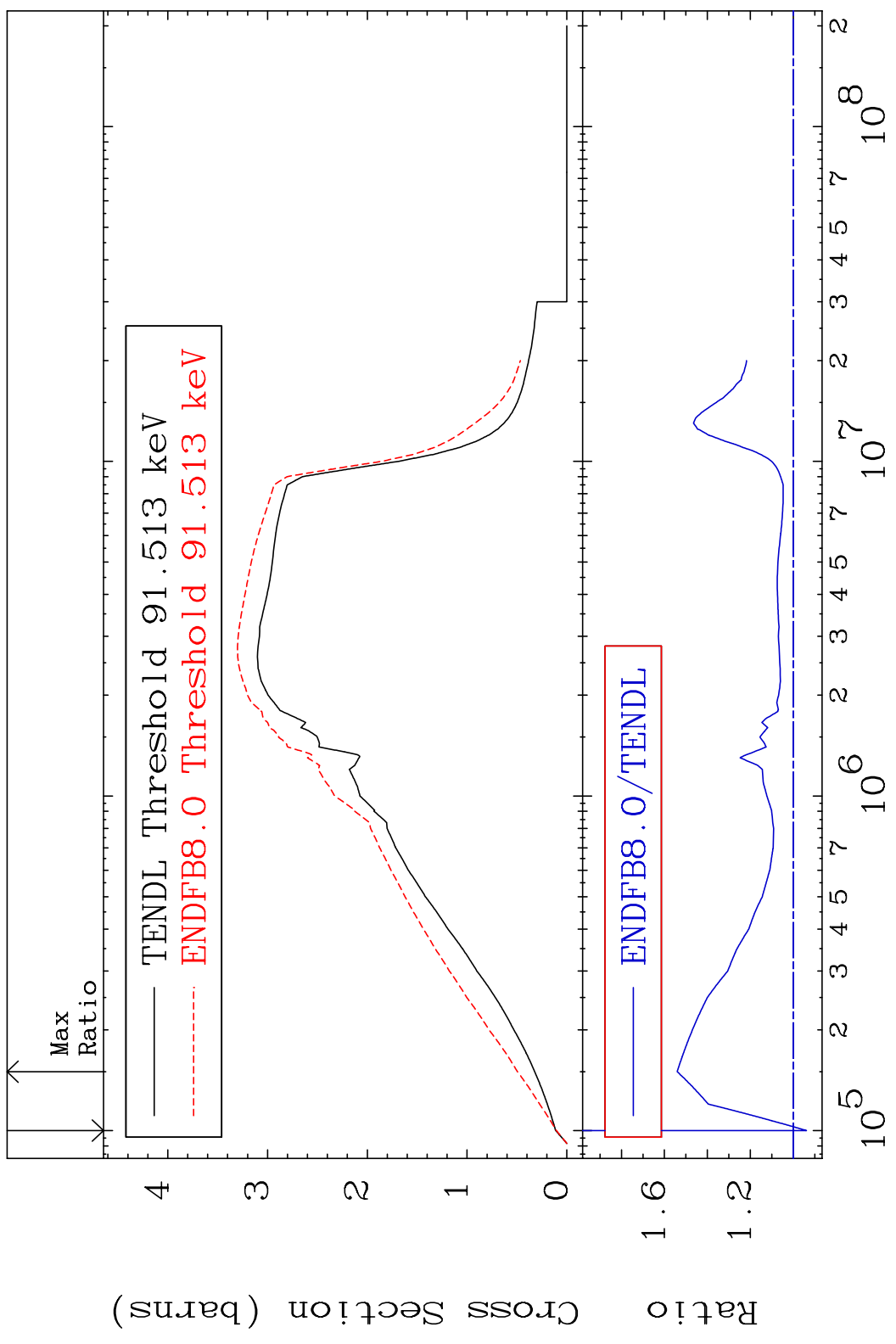
72-Hf-174

MAT 7225

Inelastic

72-Hf-174

Cross Section -6.118 To 54.06 %



3

Incident Energy (eV)

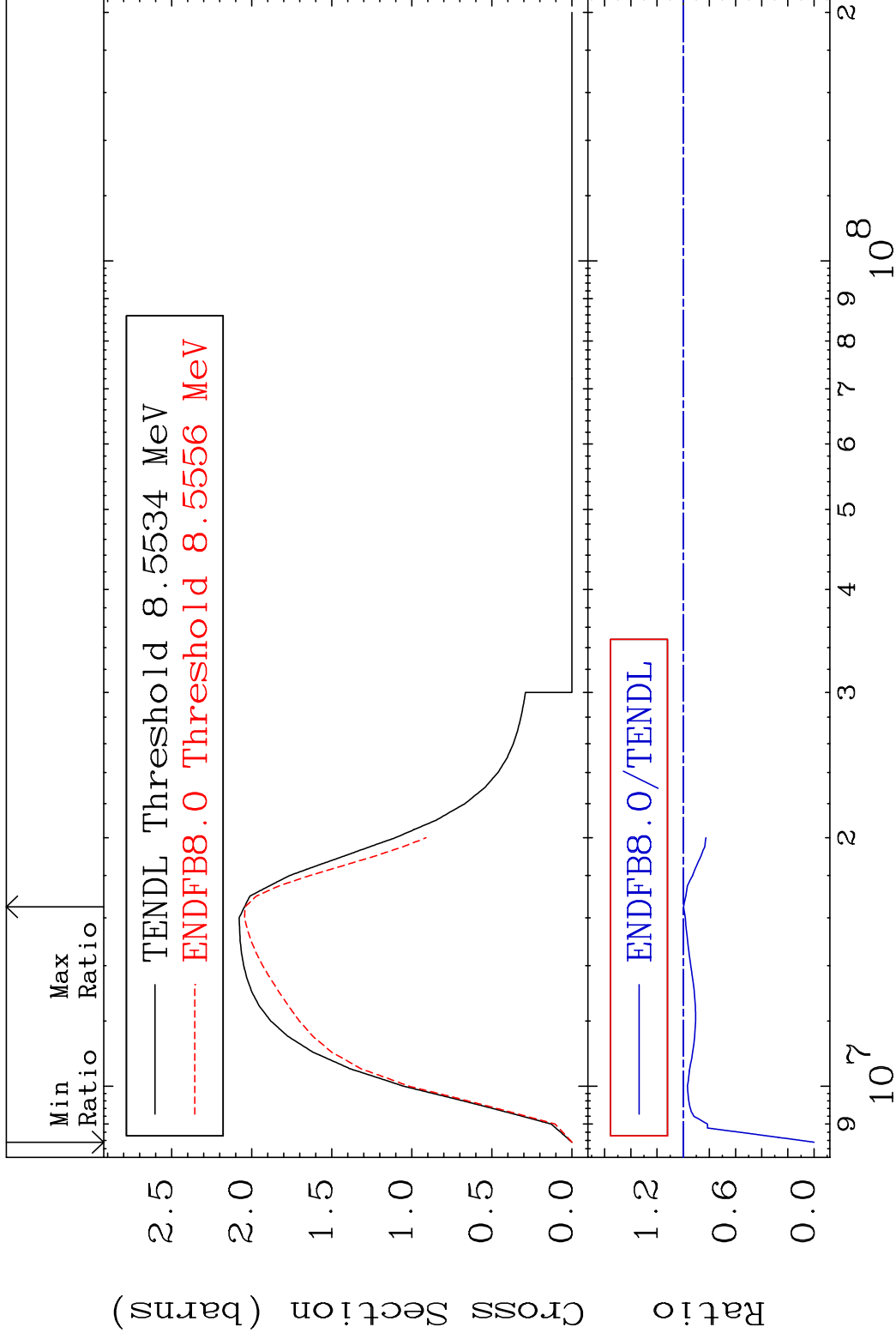
72-Hf-174

MAT 7225

(n,2n)

72-Hf-174

Cross Section -100.0 To -0.198%



4

Incident Energy (eV)

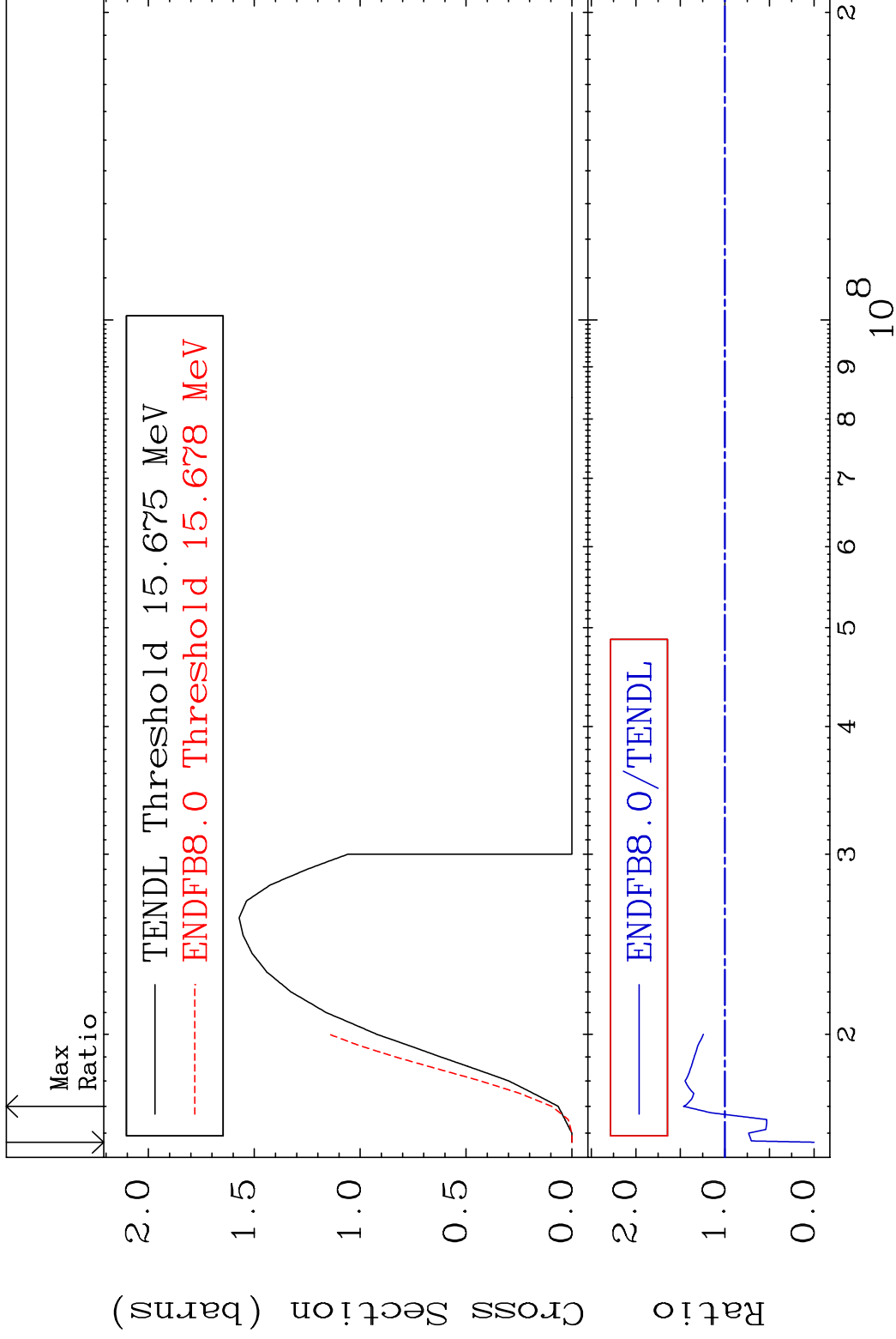
72-Hf-174

MAT 7225

(n,3n)

72-Hf-174

Cross Section -100.0 To 46.57 %



5

Incident Energy (eV)

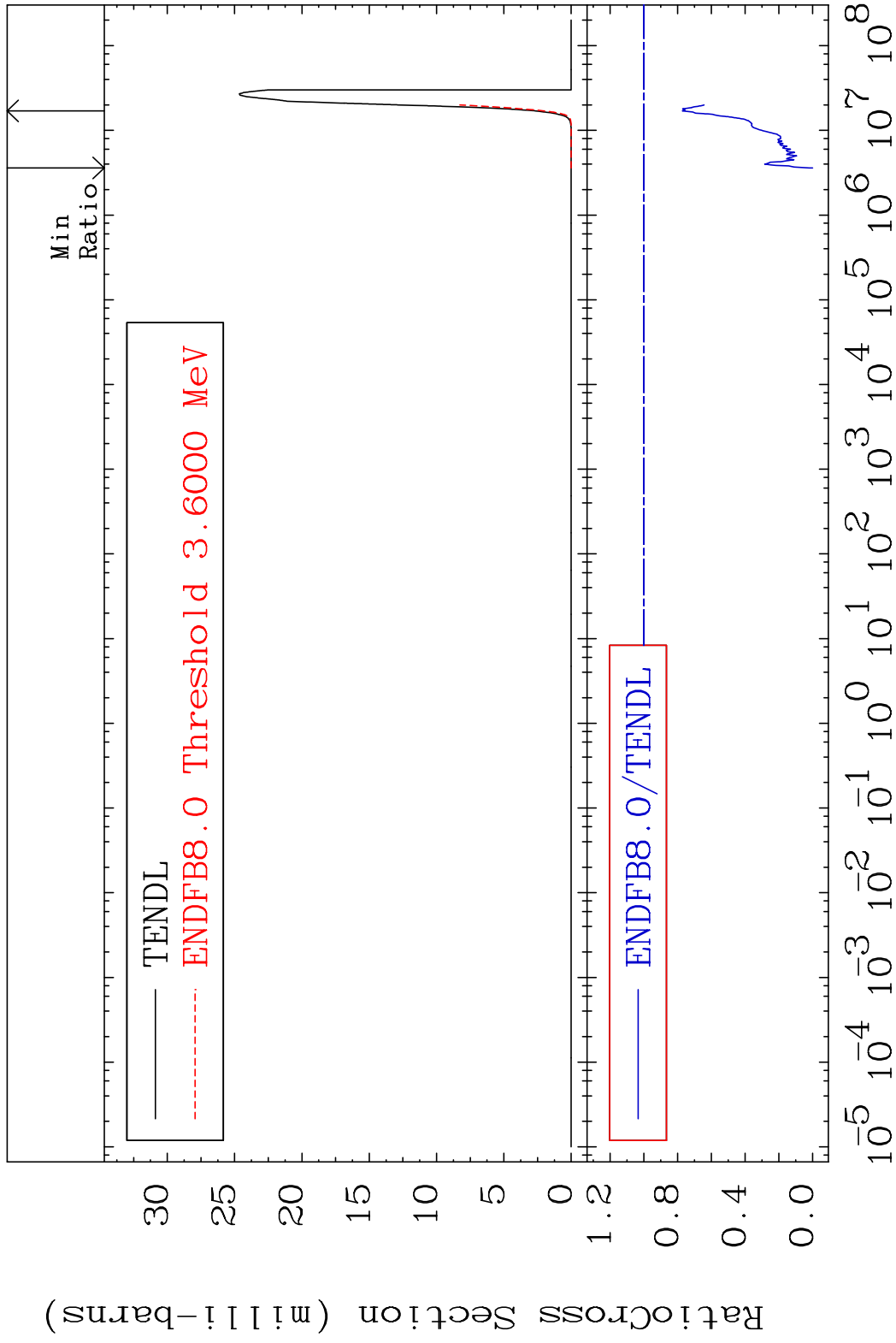
72-Hf-174

MAT 7225

(n, n') α

72-Hf-174

Cross Section -100.0 To -22.85%



6

Incident Energy (eV)

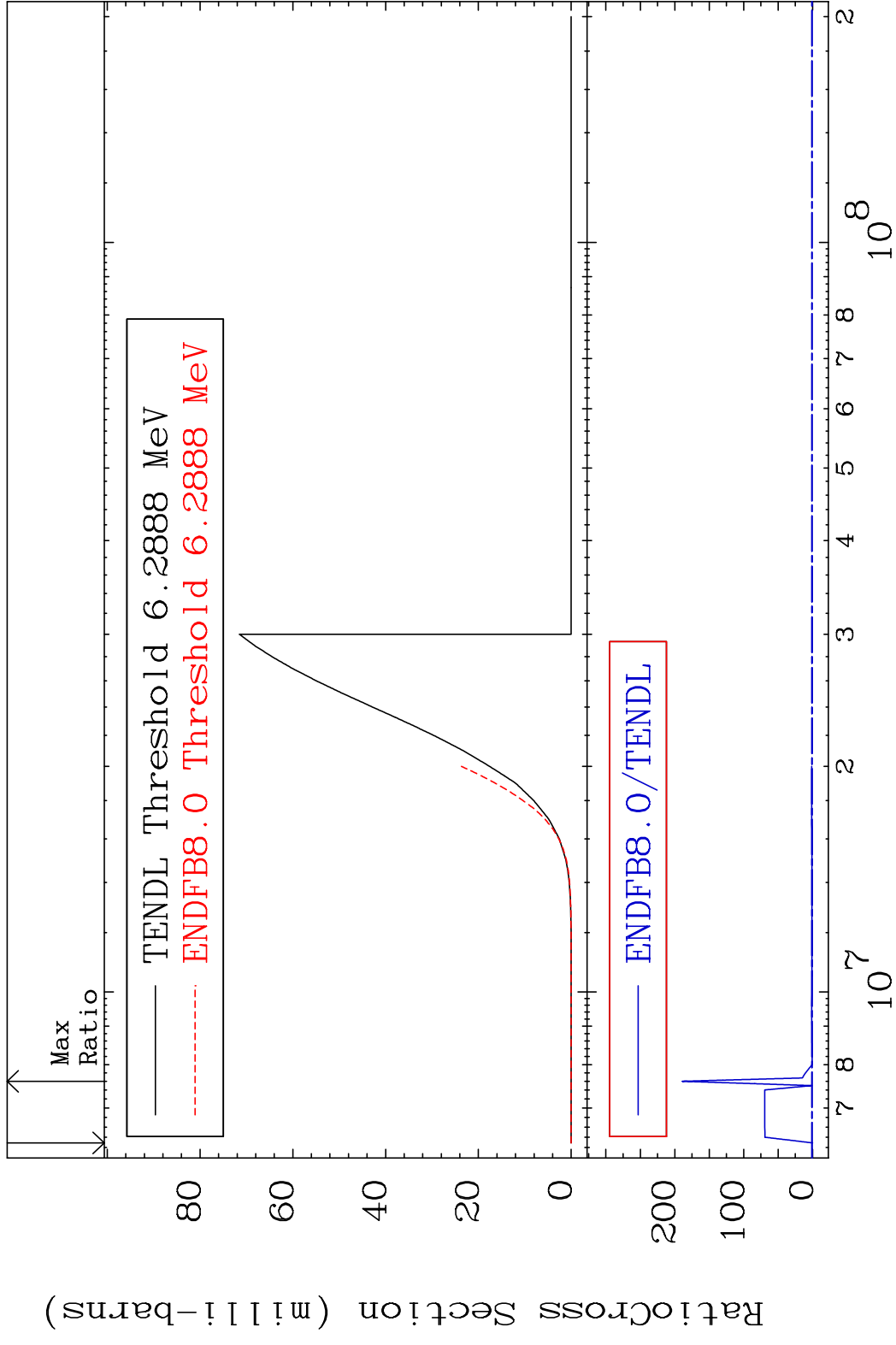
72-Hf-174

MAT 7225

(n, n') p

72-Hf-174

Cross Section -100.0 To 9999. %

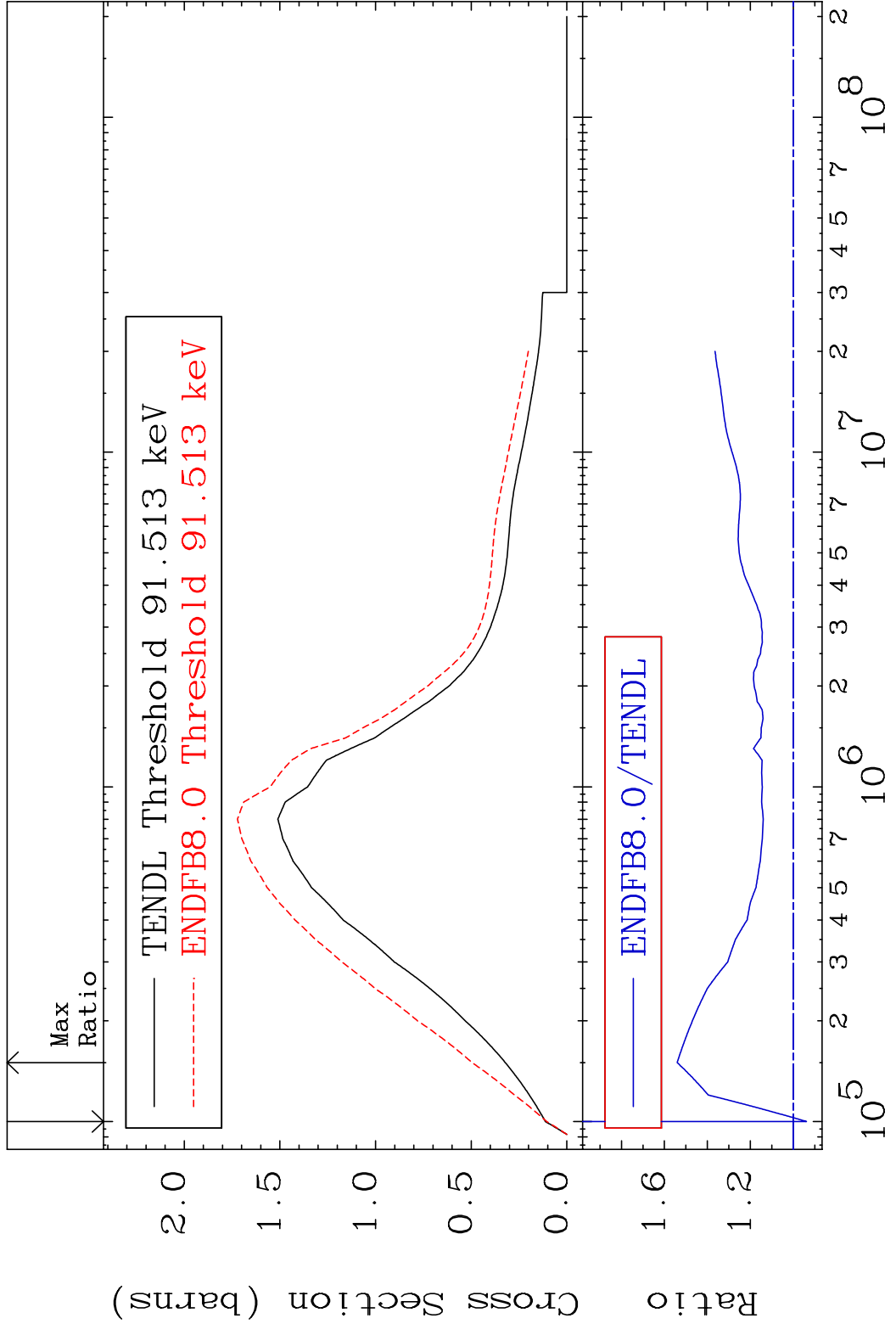


7

Incident Energy (eV)

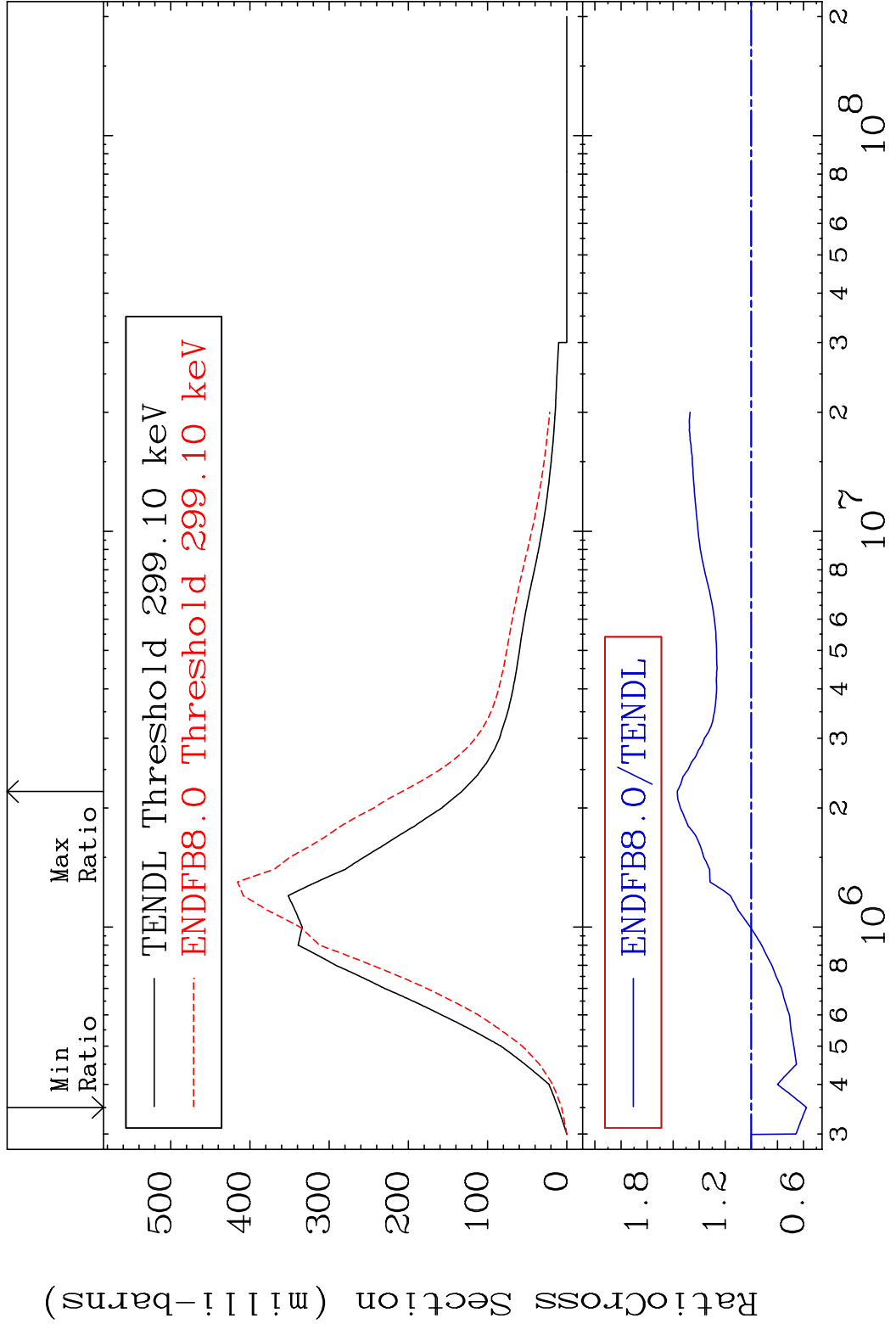
72-Hf-174

MAT 7225 MT= 51 (n, n') Level 72-Hf-174
 Cross Section -6.118 To 54.06 %

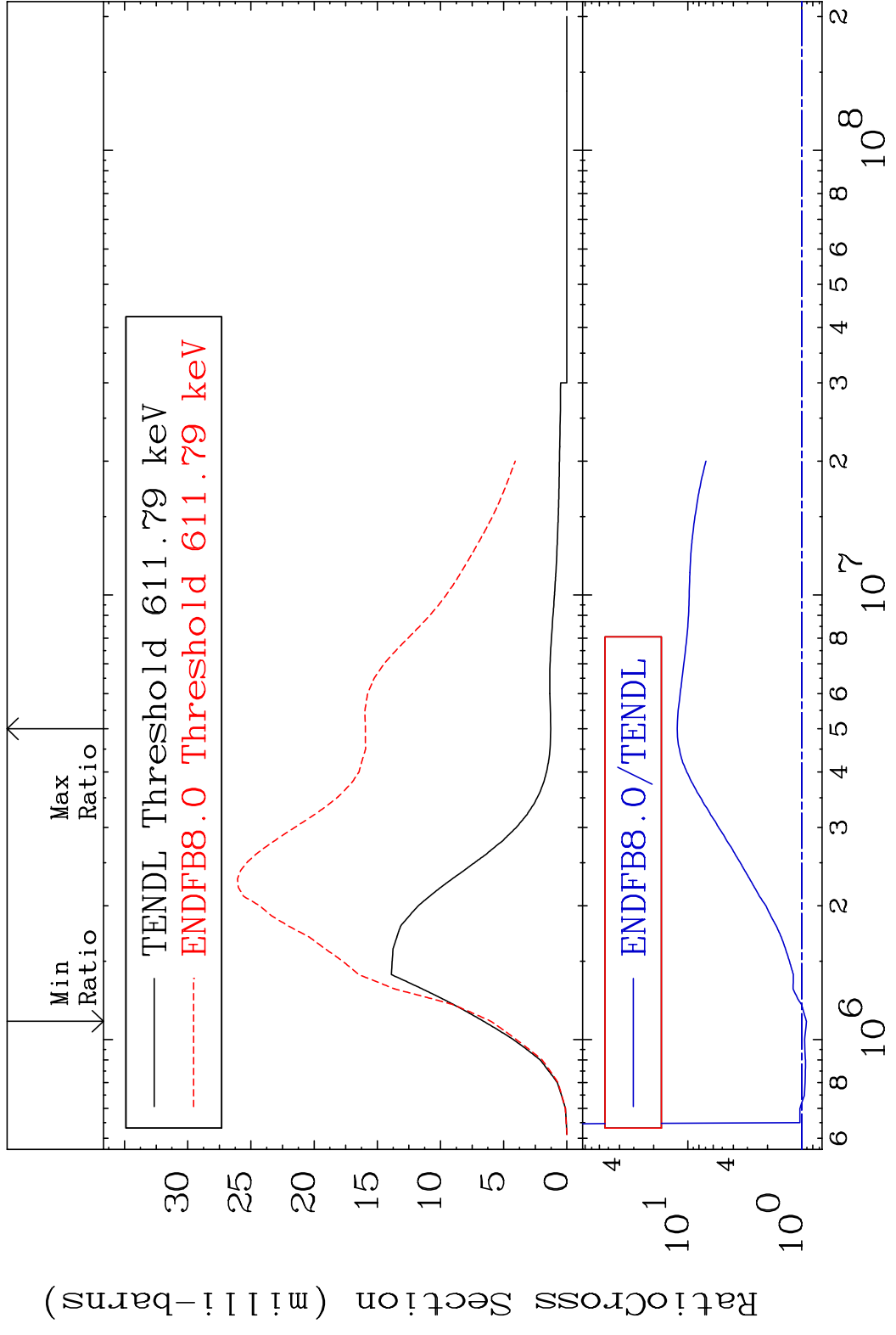


8 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 52 (n,n') Level 72-Hf-174
 Cross Section -42.28 To 56.88 %

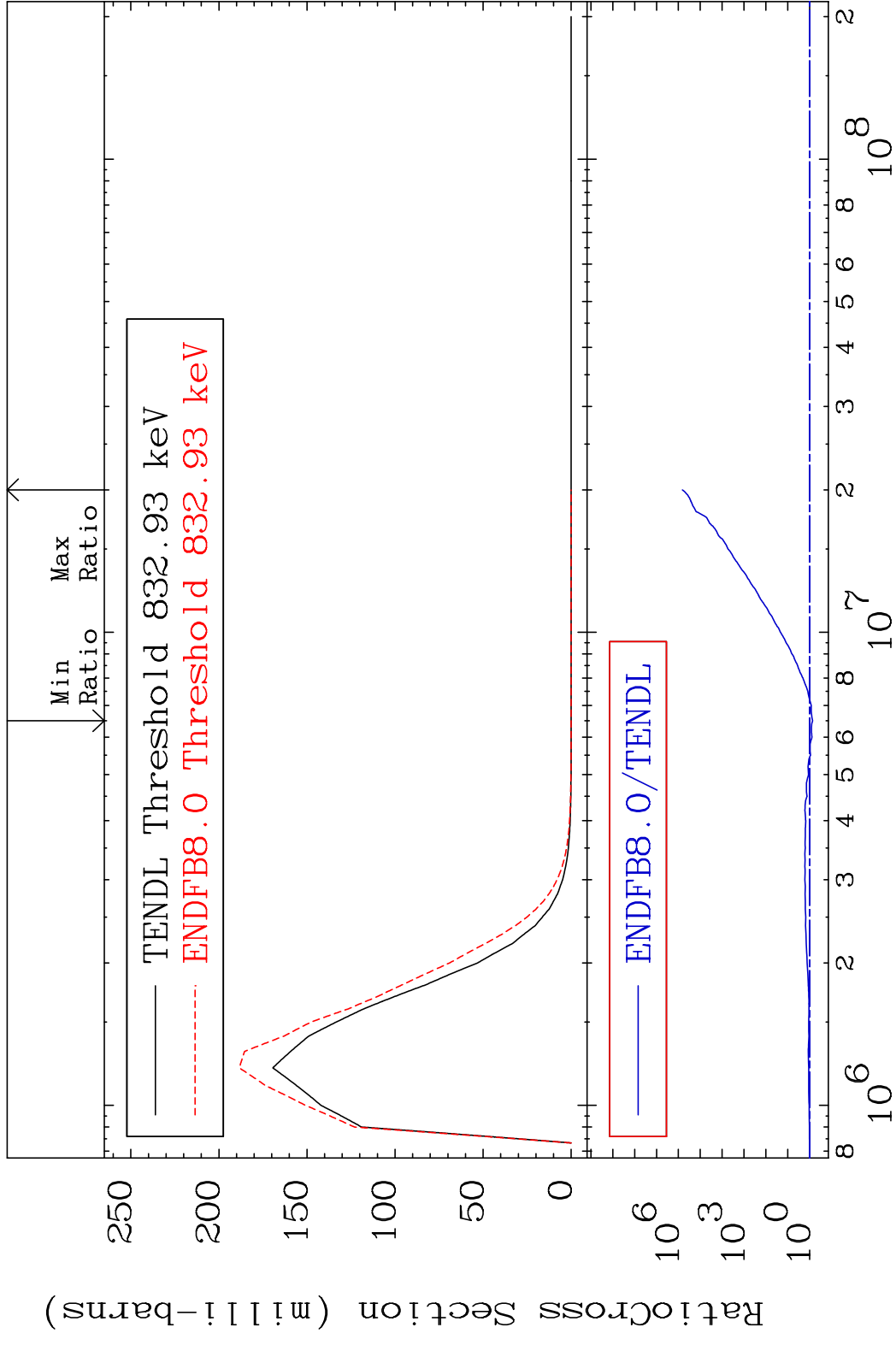


MAT 7225 MT= 53 (n, n') Level 72-Hf-174
 Cross Section -8.876 To 1144. %



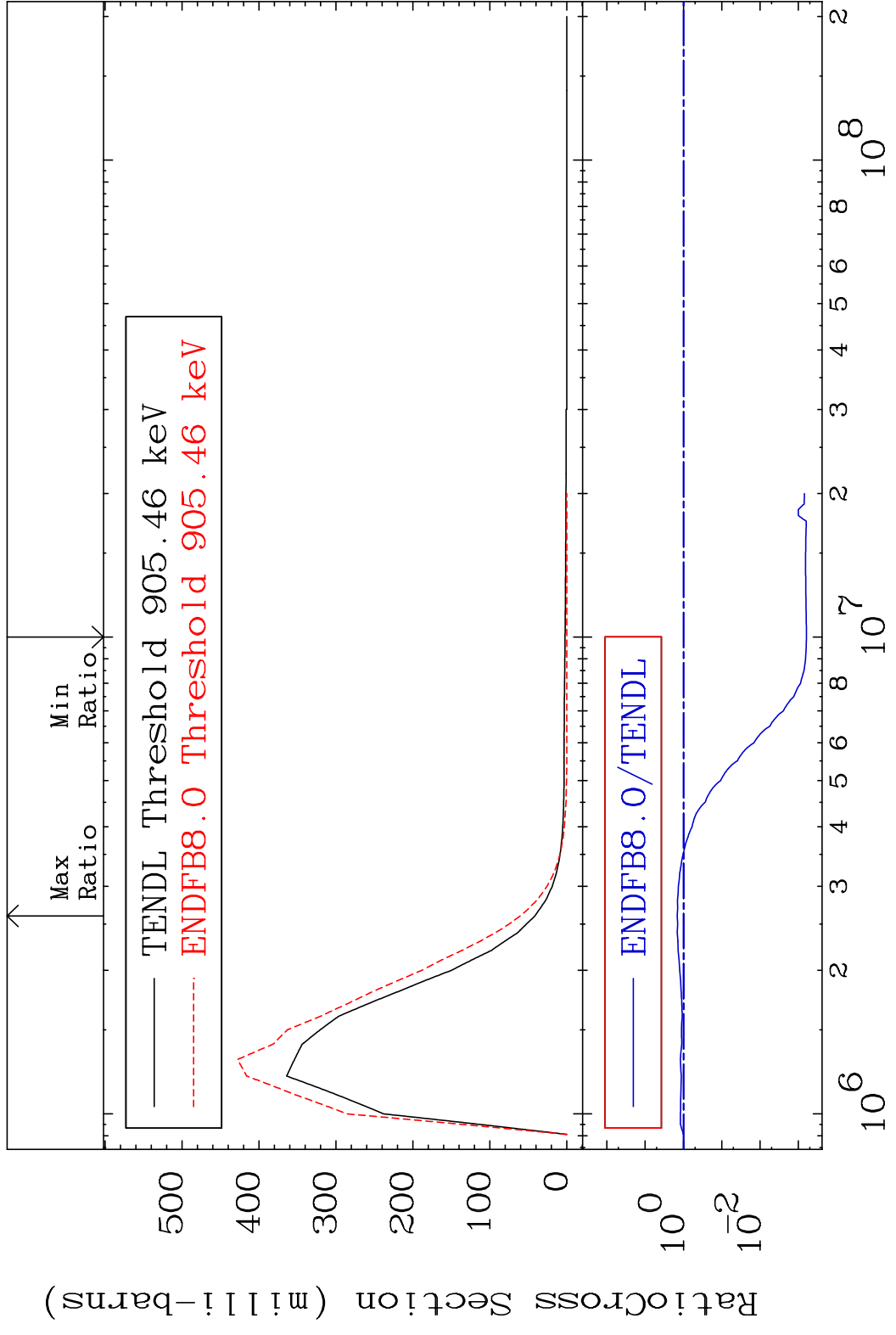
10 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 54 (n, n') Level 72-Hf-174
 Cross Section -25.86 To 9999. %



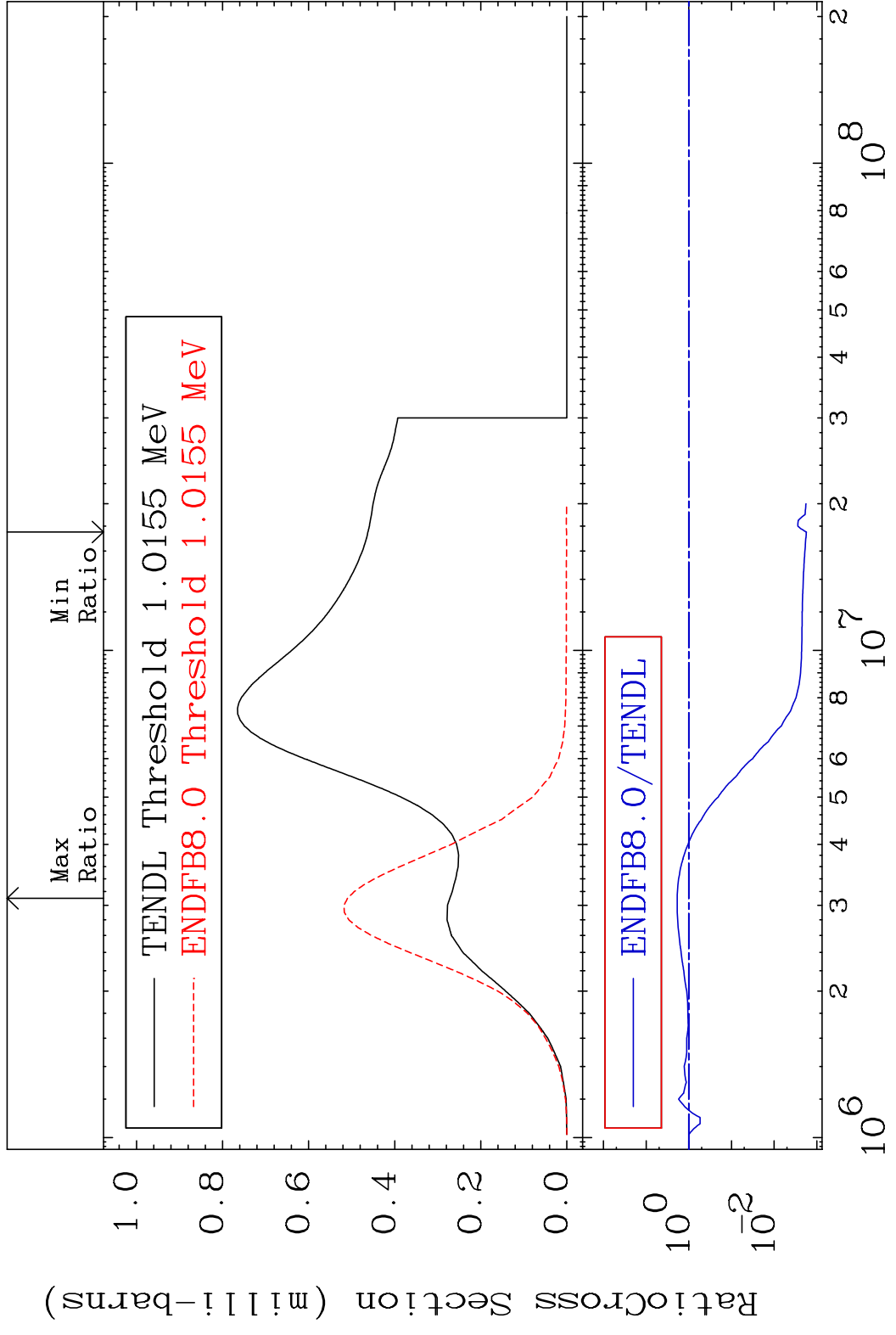
11 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 55 (n,n') Level 72-Hf-174
 Cross Section -99.94 To 46.09 %

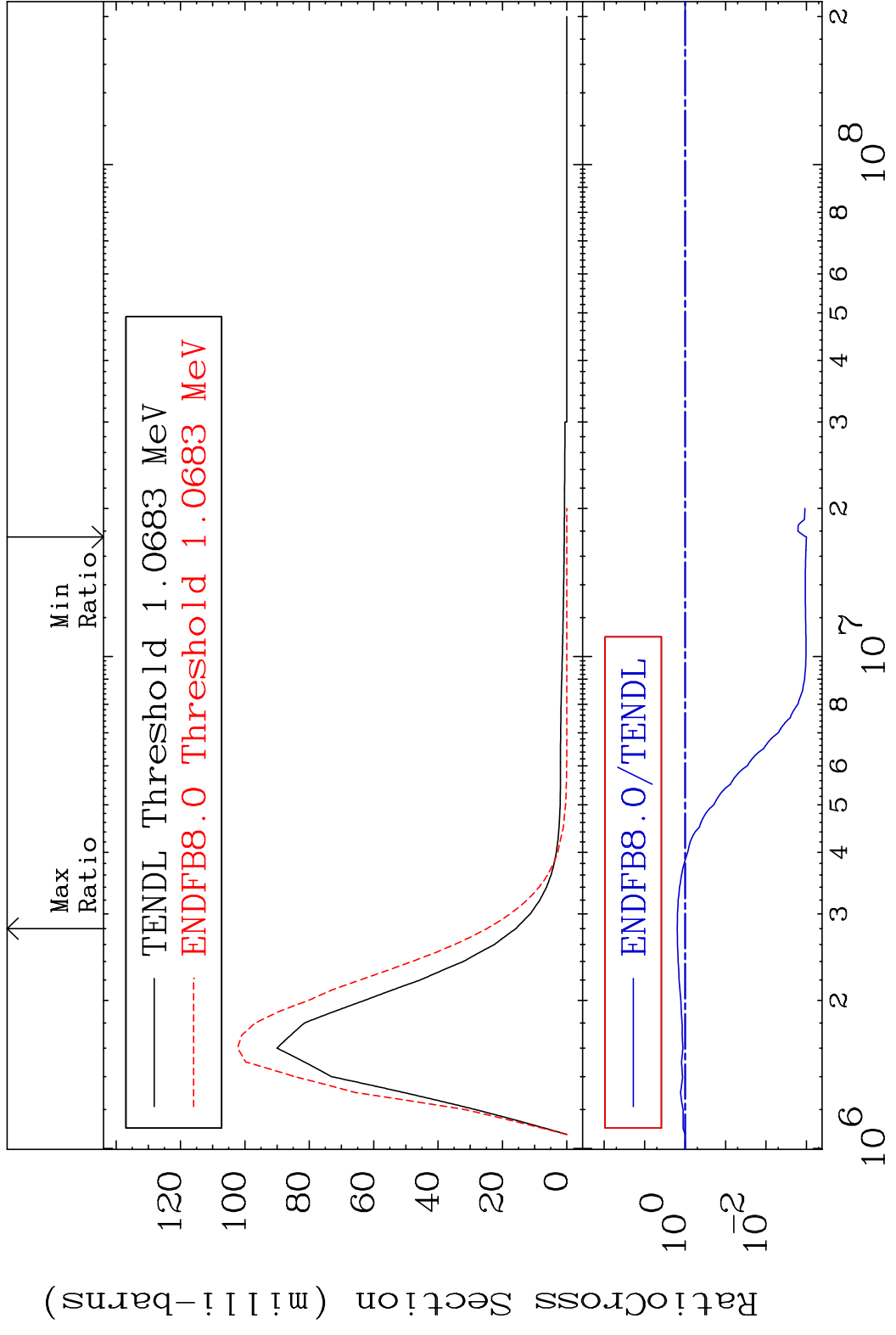


12 Incident Energy (eV) 72-Hf-174

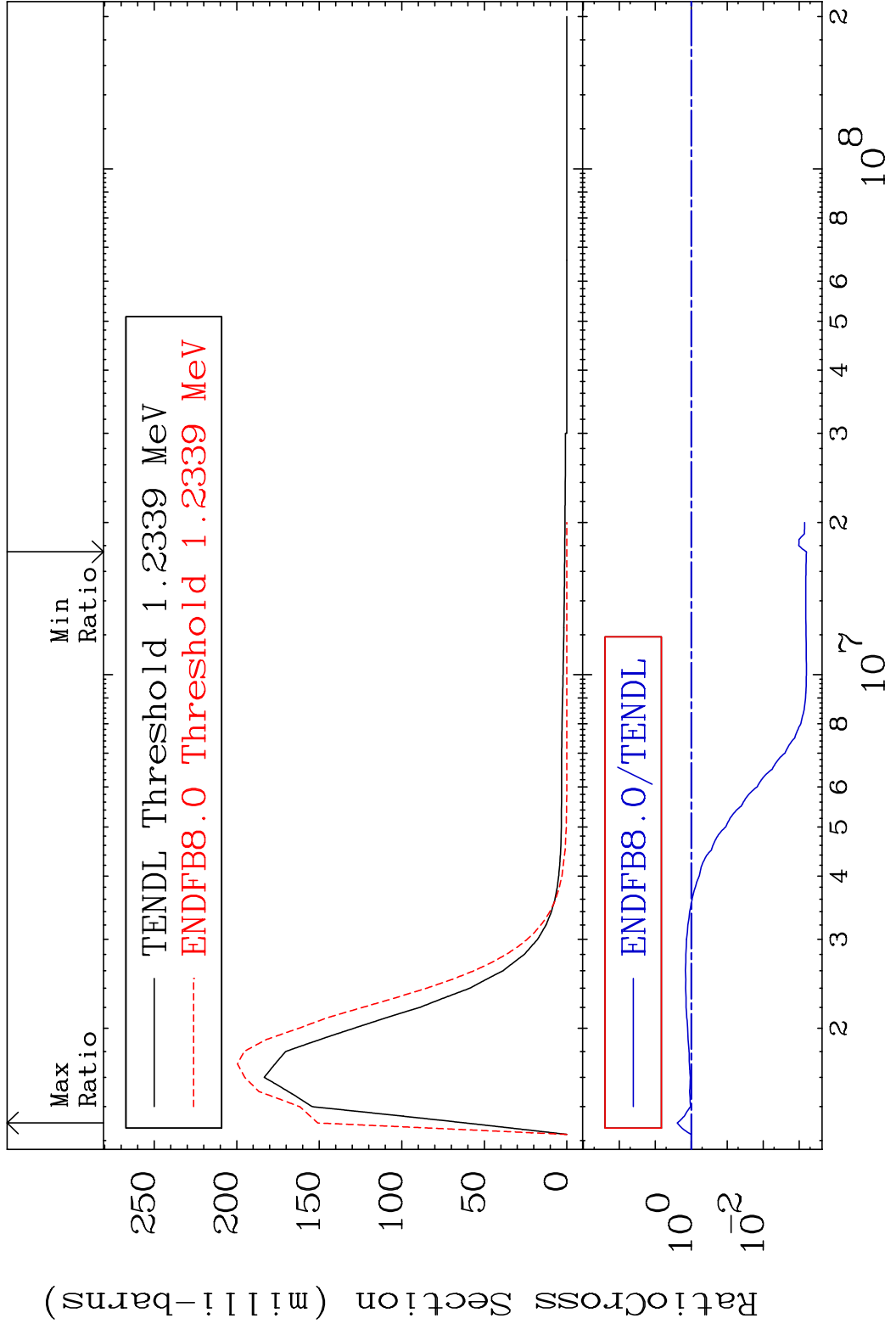
MAT 7225 MT= 56 (n, n') Level 72-Hf-174
 Cross Section -99.82 To 87.42 %



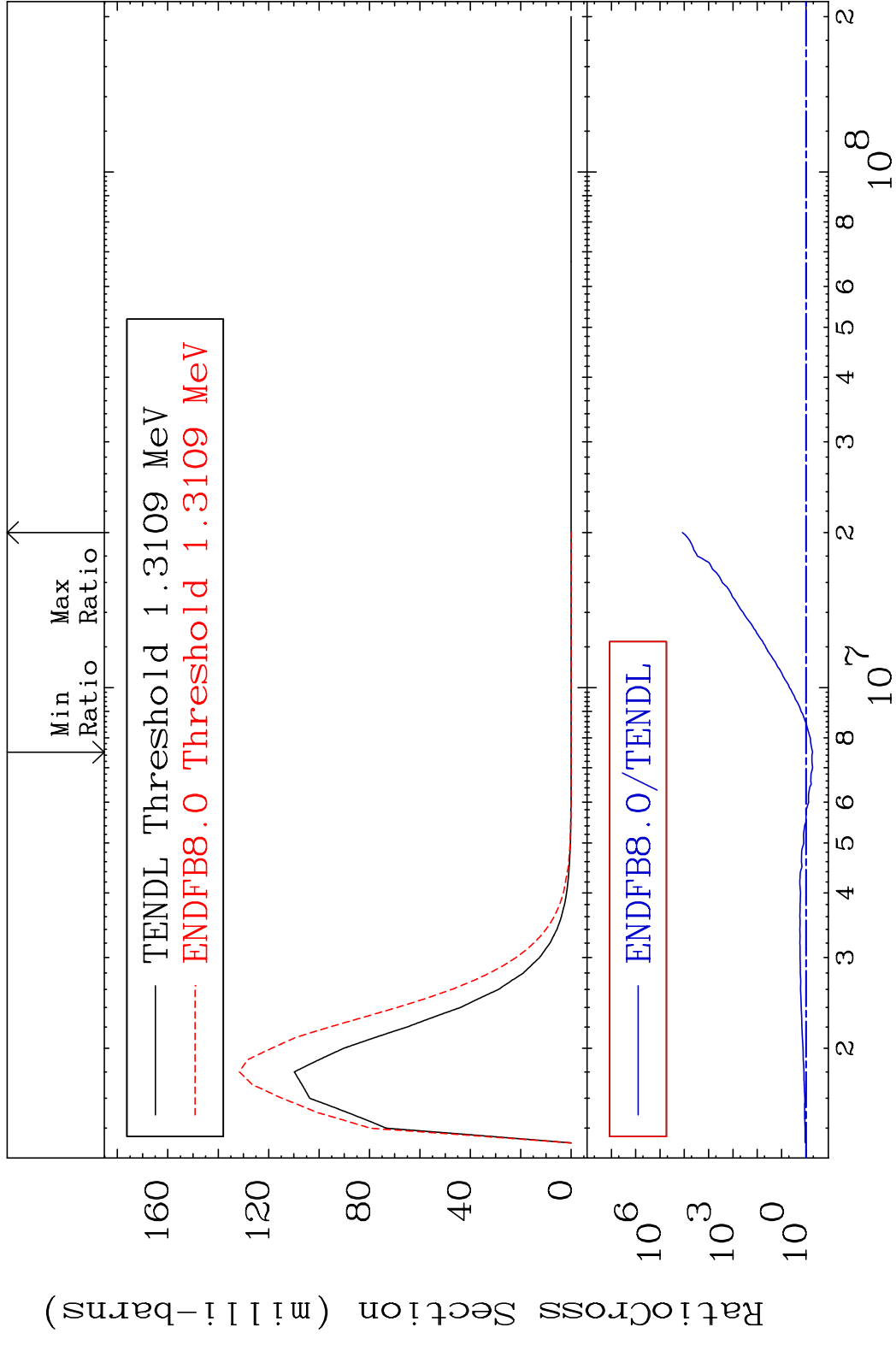
MAT 7225 MT= 57 (n, n') Level 72-Hf-174
 Cross Section -99.90 To 56.80 %



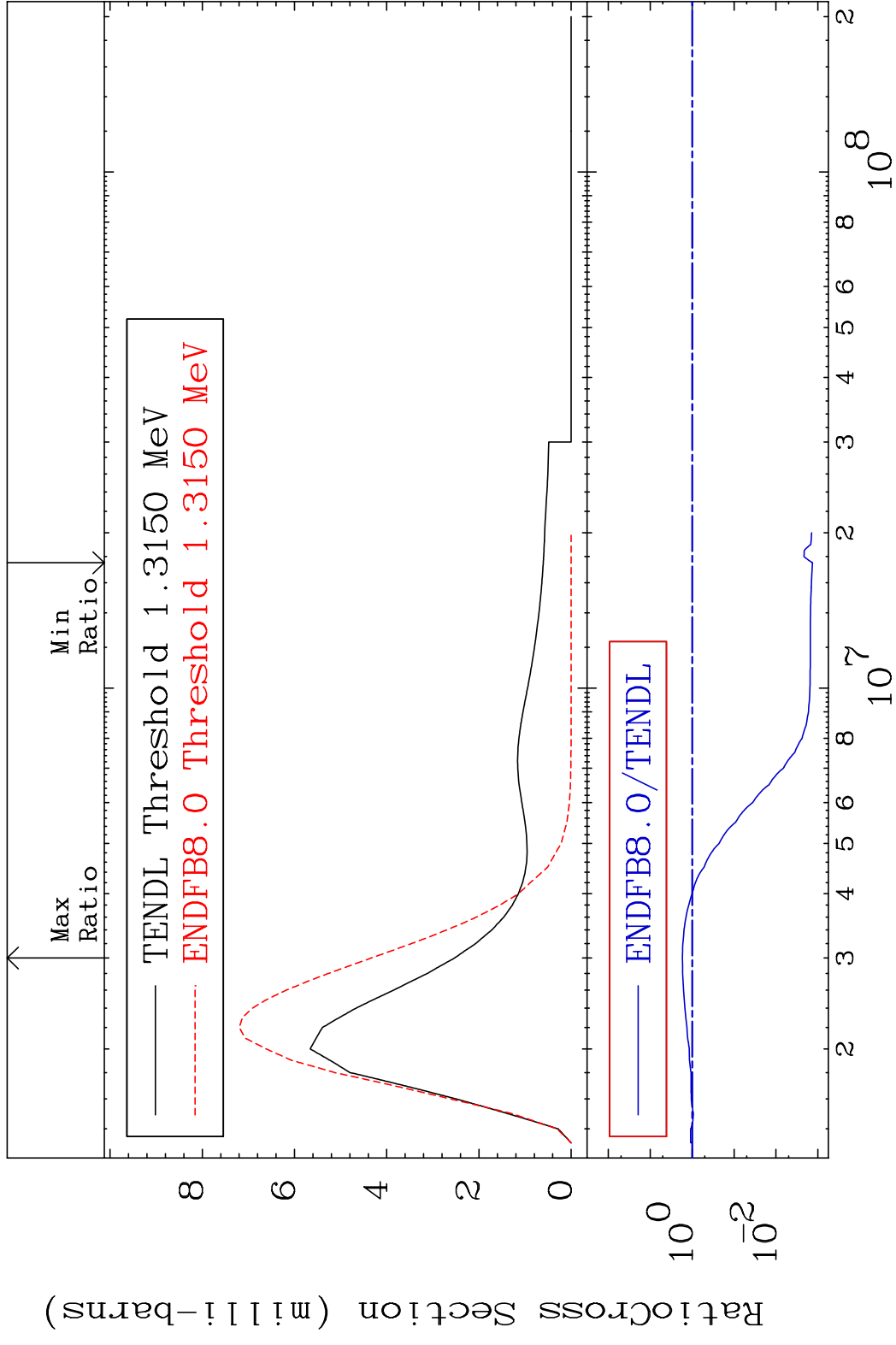
MAT 7225 MT= 58 (n, n') Level 72-Hf-174
 Cross Section -99.94 To 146.0 %



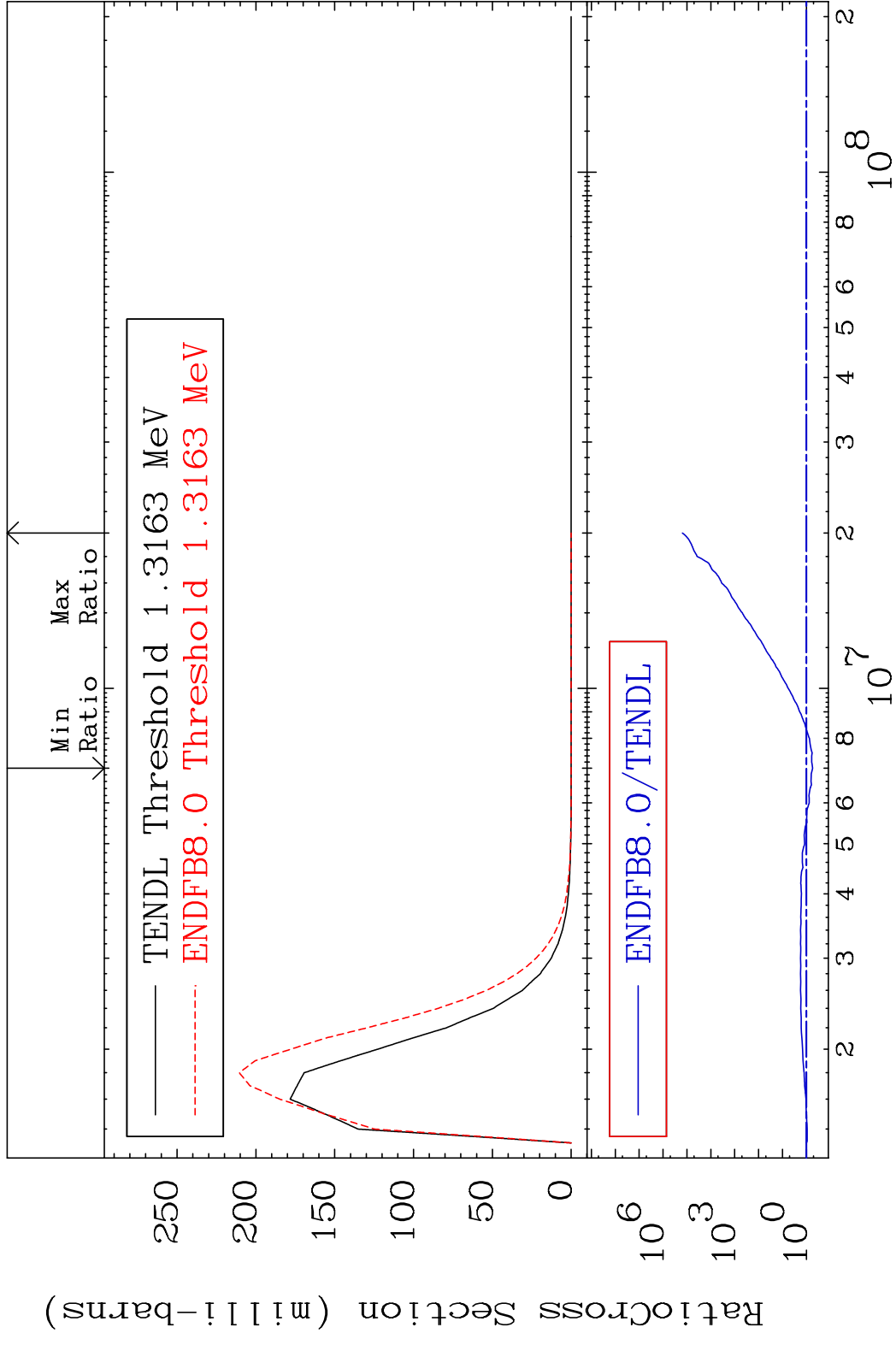
MAT 7225 MT= 59 (n, n') Level 72-Hf-174
 Cross Section -46.86 To 9999. %



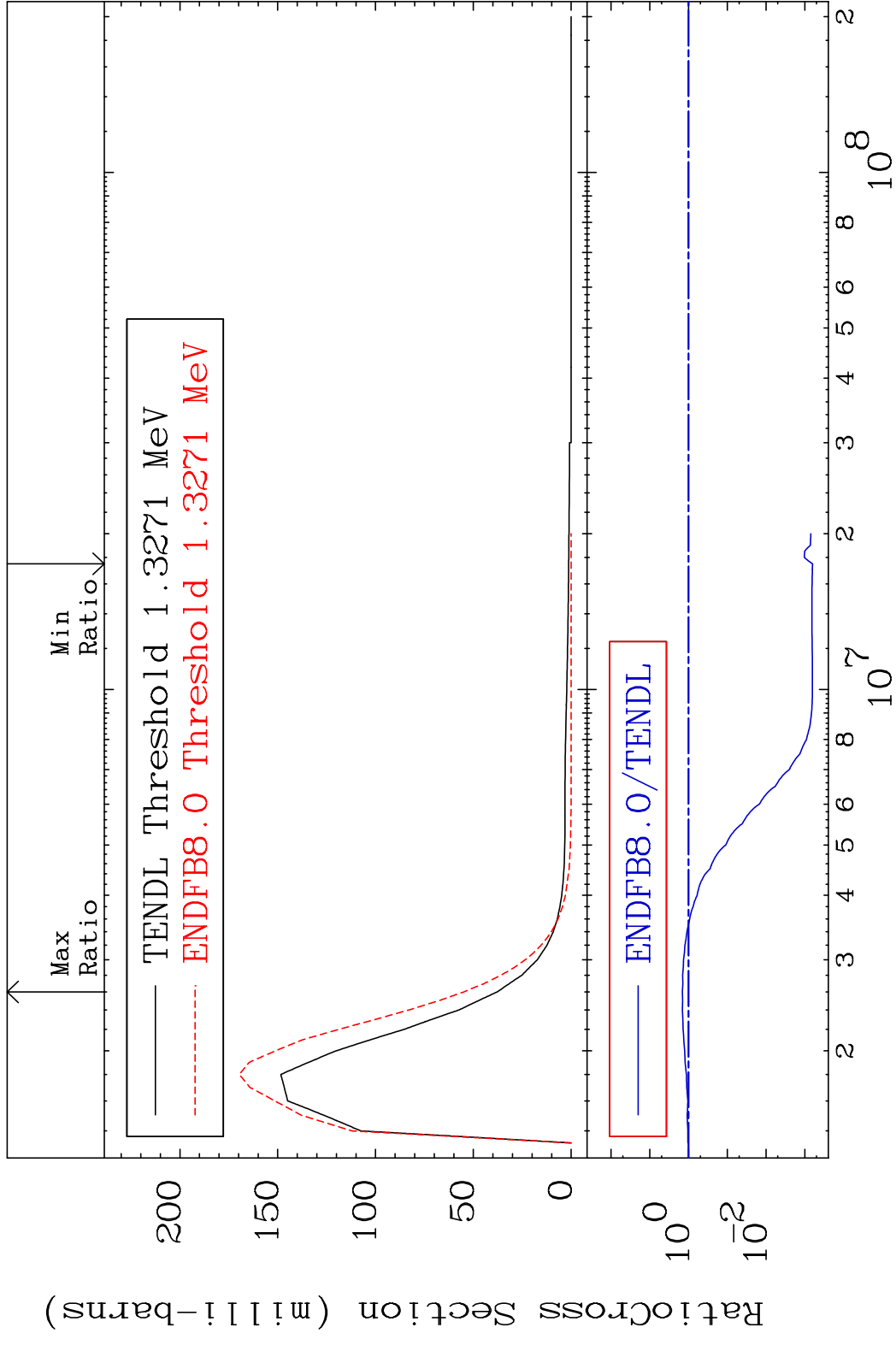
MAT 7225 MT= 60 (n, n') Level 72-Hf-174
 Cross Section -99.87 To 71.46 %



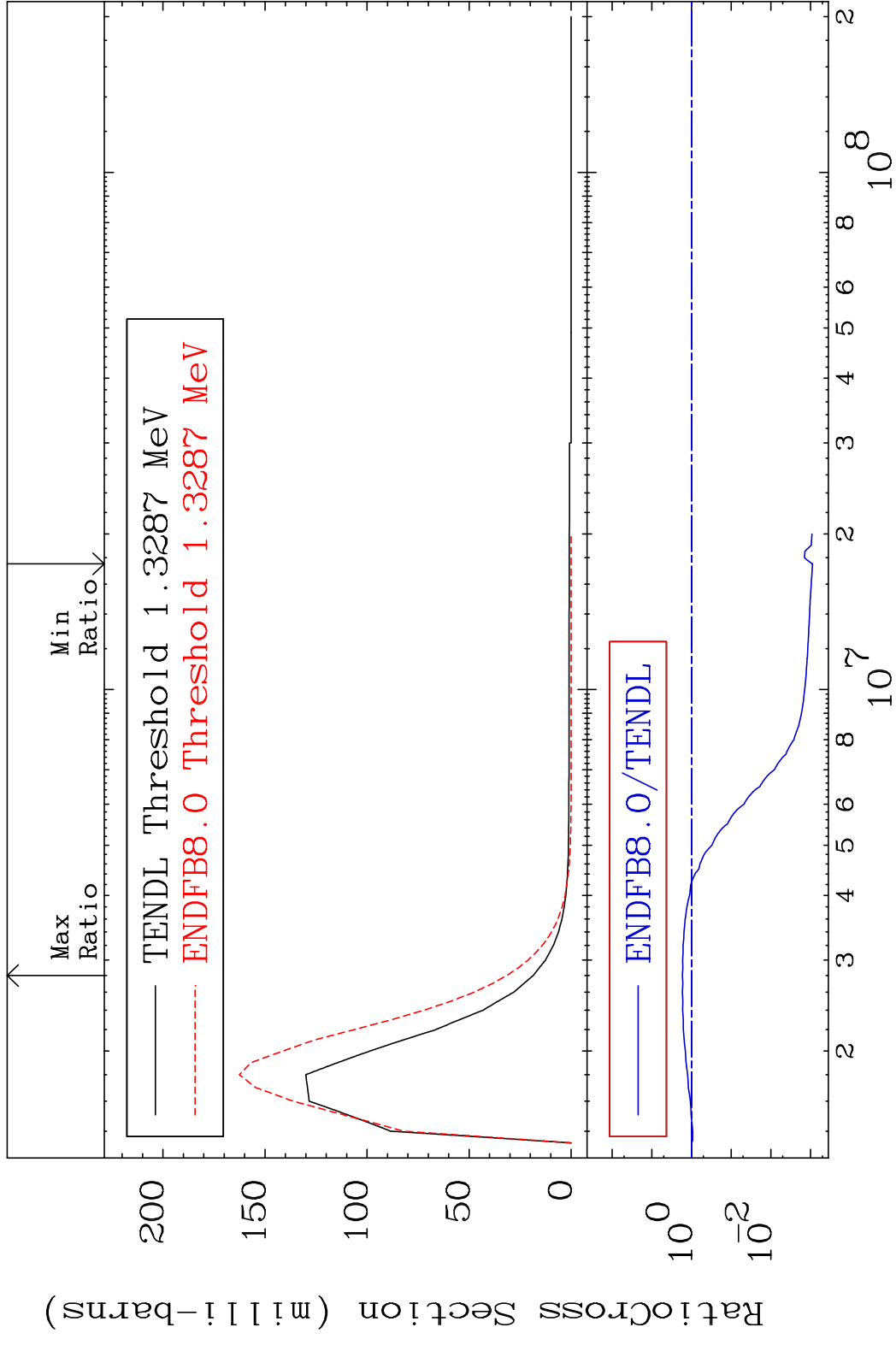
MAT 7225 MT= 61 (n, n') Level 72-Hf-174
 Cross Section -45.09 To 9999. %



MAT 7225 MT= 62 (n, n') Level 72-Hf-174
 Cross Section -99.94 To 45.25 %

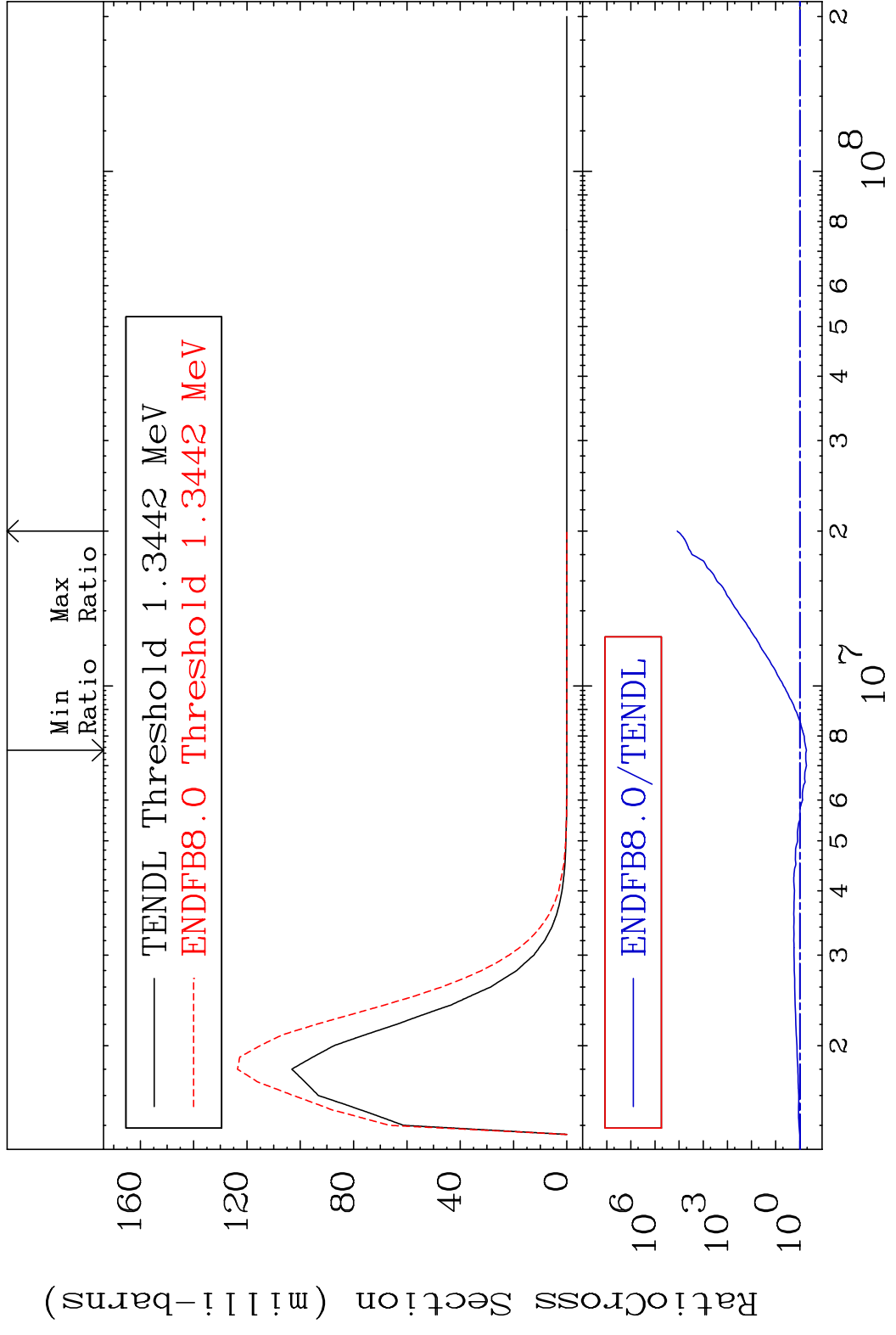


MAT 7225 MT= 63 (n, n') Level 72-Hf-174
 Cross Section -99.91 To 69.80 %

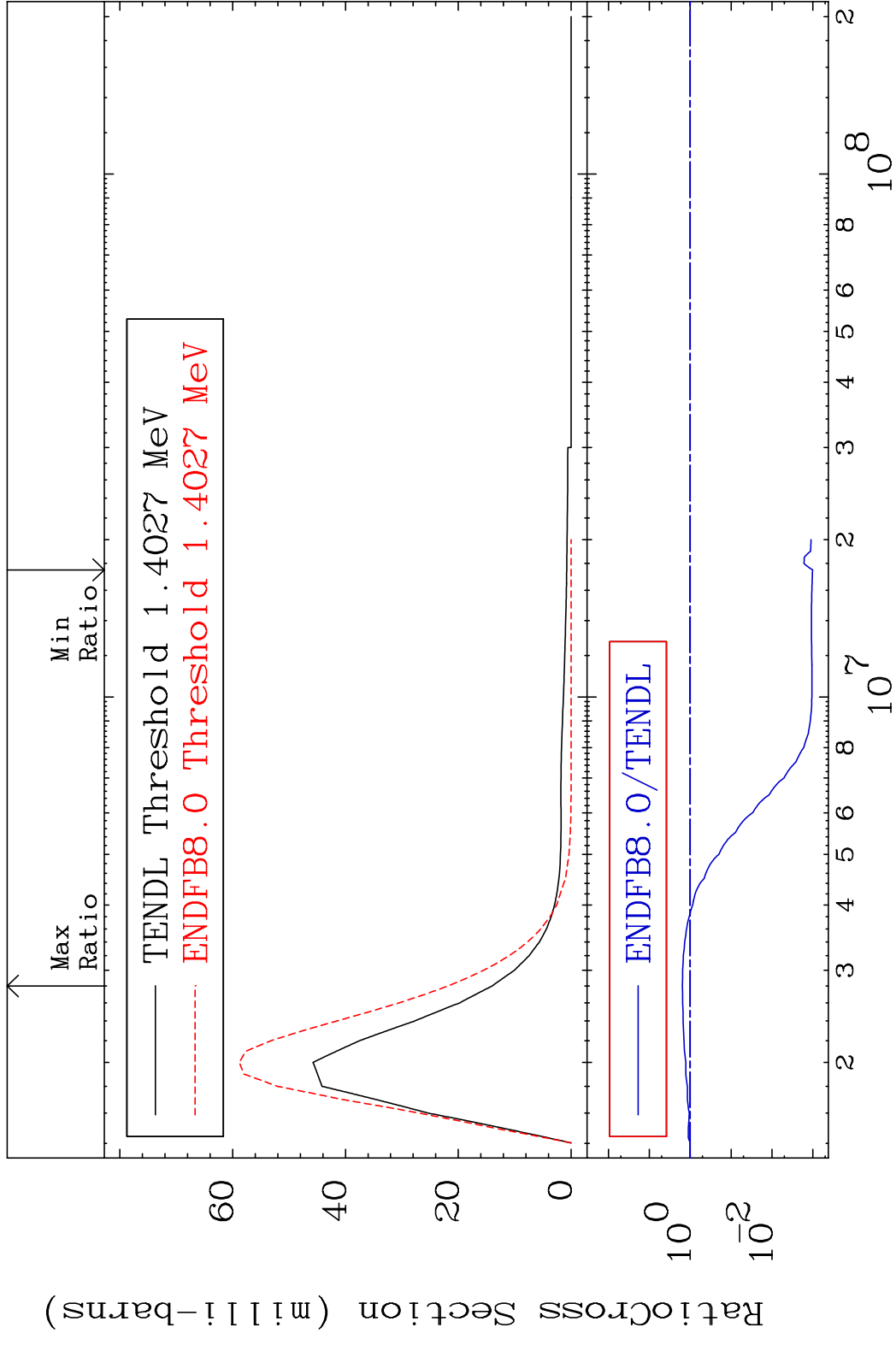


20 Incident Energy (eV) 72-Hf-174

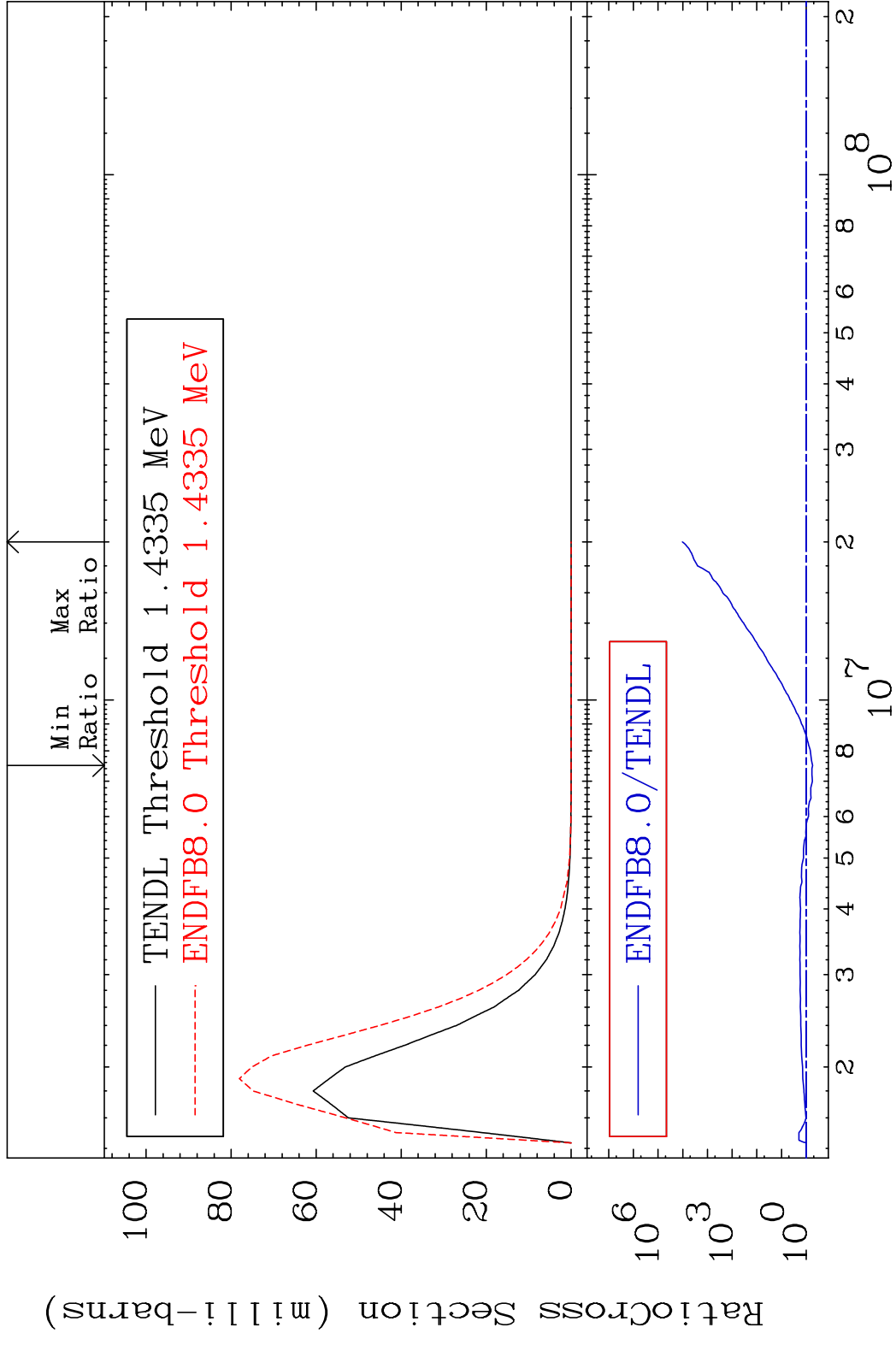
MAT 7225 MT= 64 (n, n') Level 72-Hf-174
 Cross Section -46.81 To 9999. %



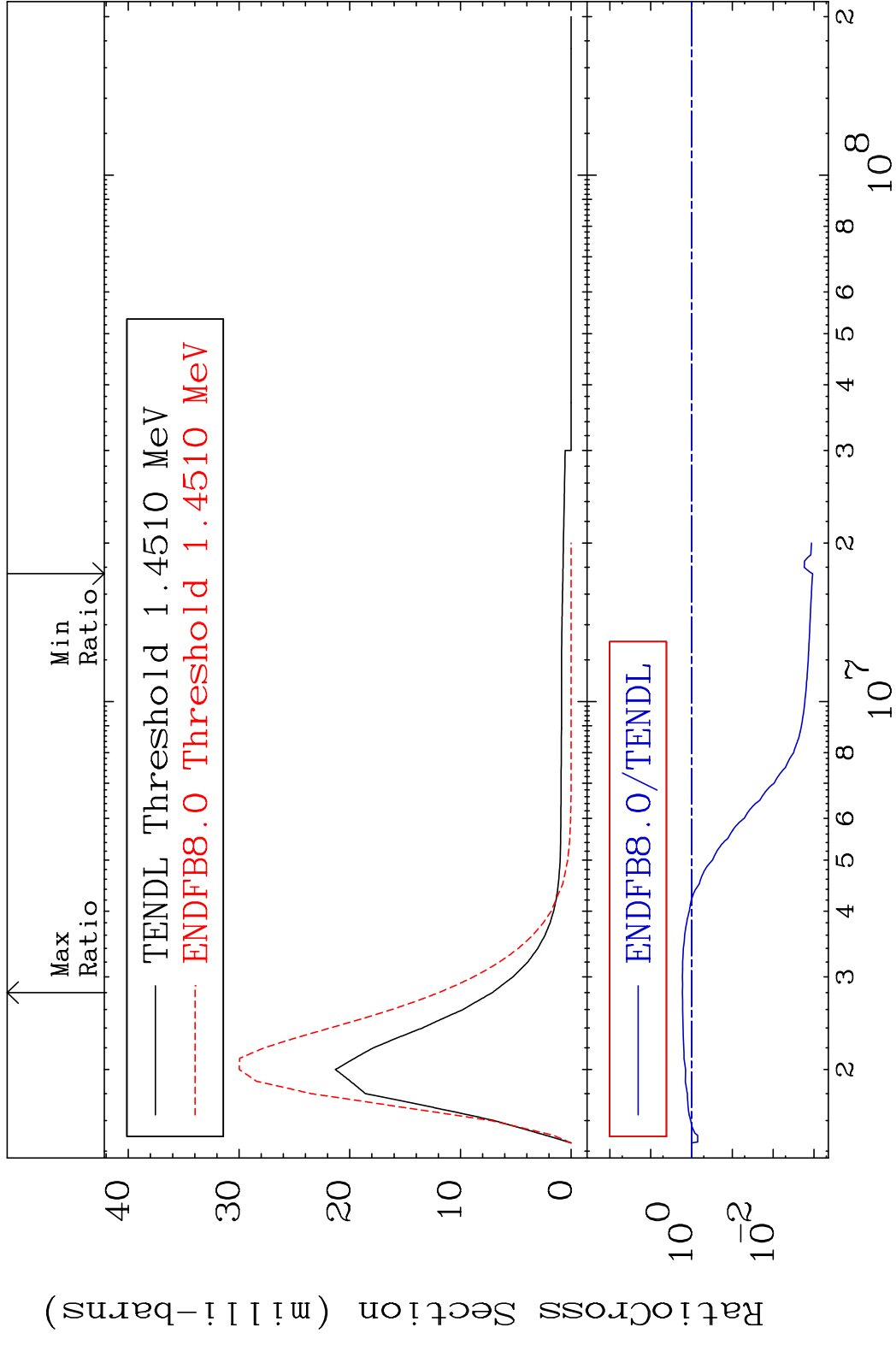
MAT 7225 MT= 65 (n,n') Level 72-Hf-174
 Cross Section -99.90 To 56.02 %



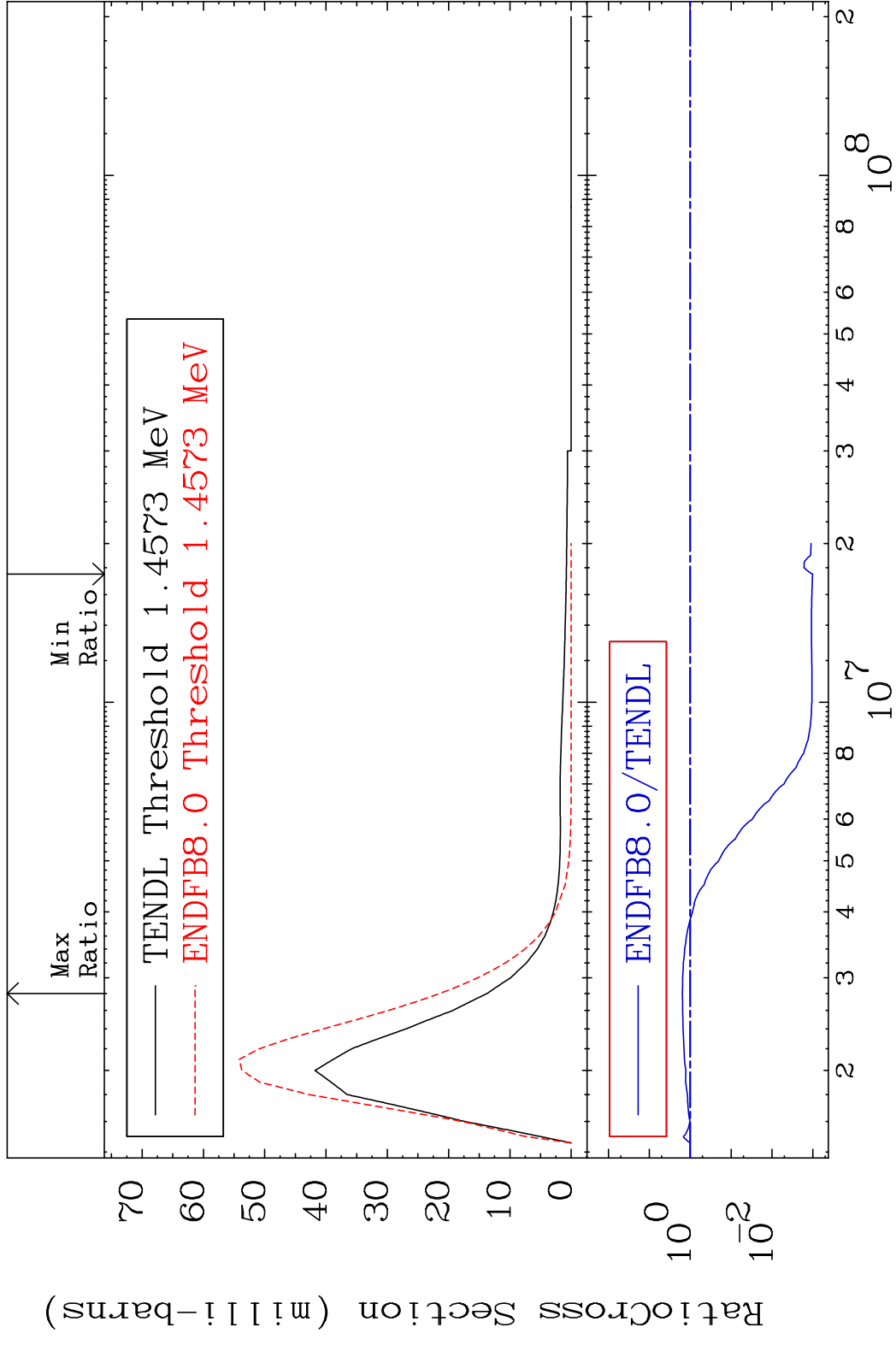
MAT 7225 MT= 66 (n, n') Level 72-Hf-174
 Cross Section -44.63 To 9999. %



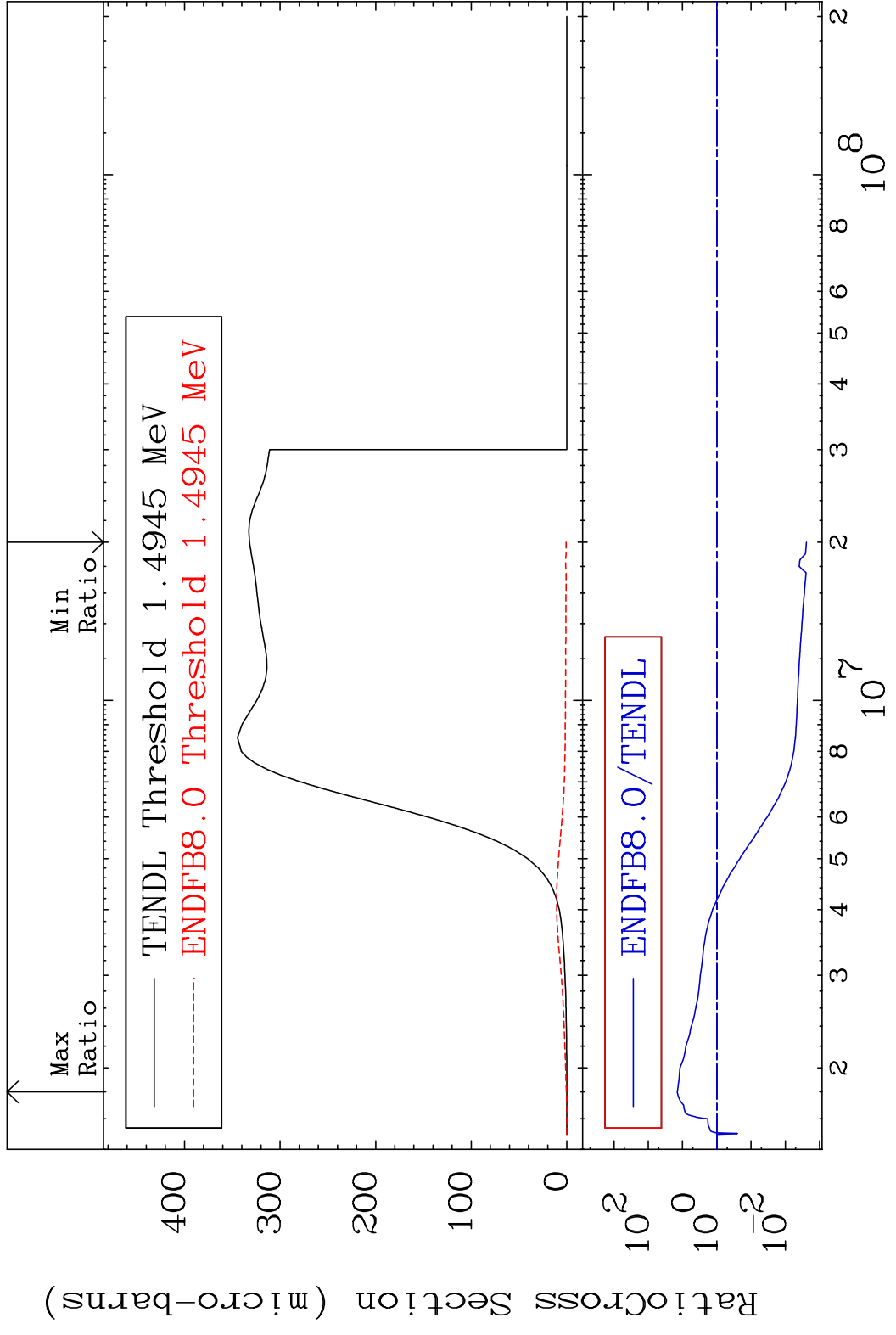
MAT 7225 MT= 67 (n, n') Level 72-Hf-174
 Cross Section -99.89 To 67.93 %



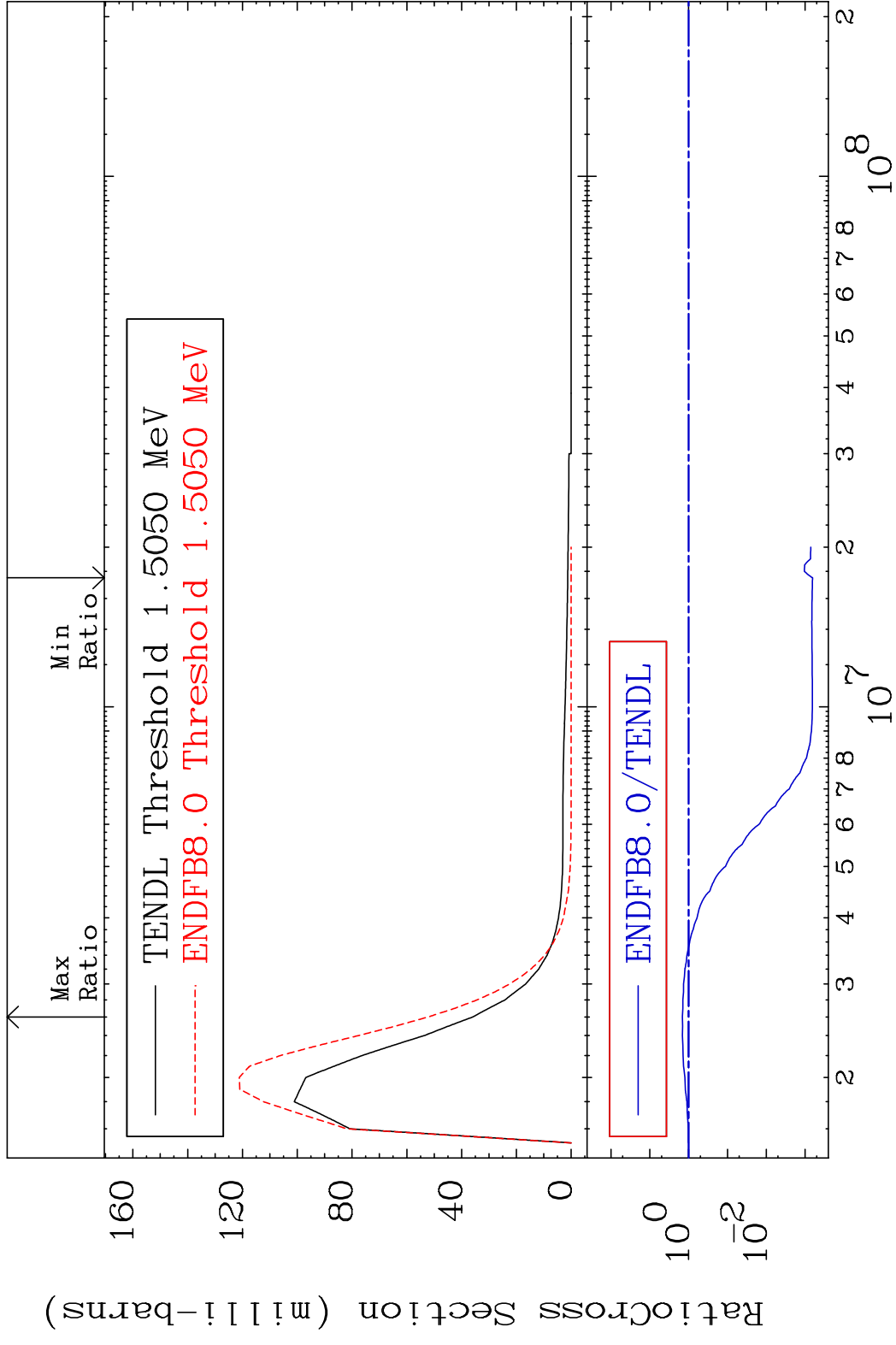
MAT 7225 MT= 68 (n, n') Level 72-Hf-174
 Cross Section -99.90 To 56.03 %



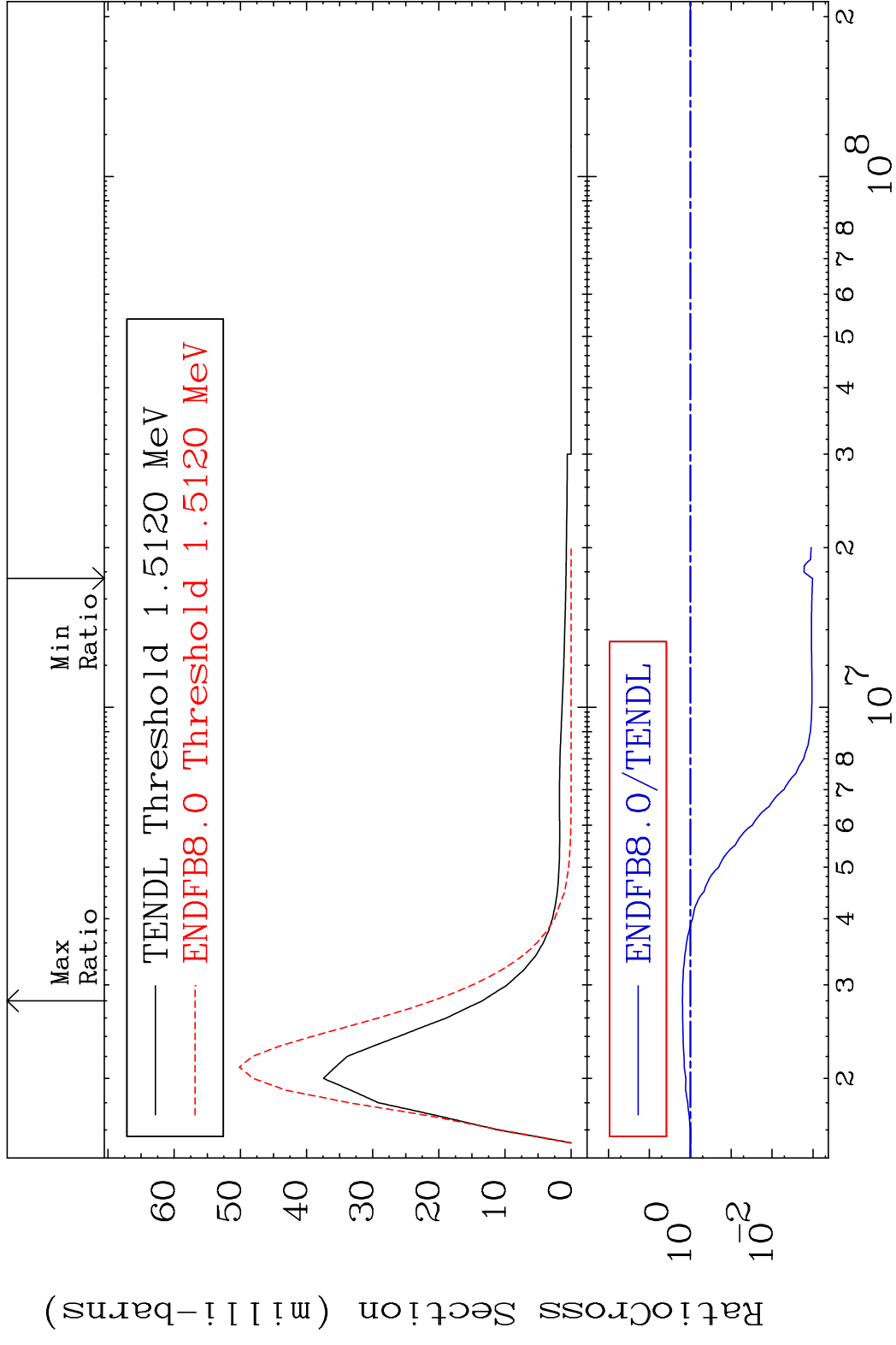
MAT 7225 MT= 69 (n, n') Level 72-Hf-174
 Cross Section -99.76 To 1332. %



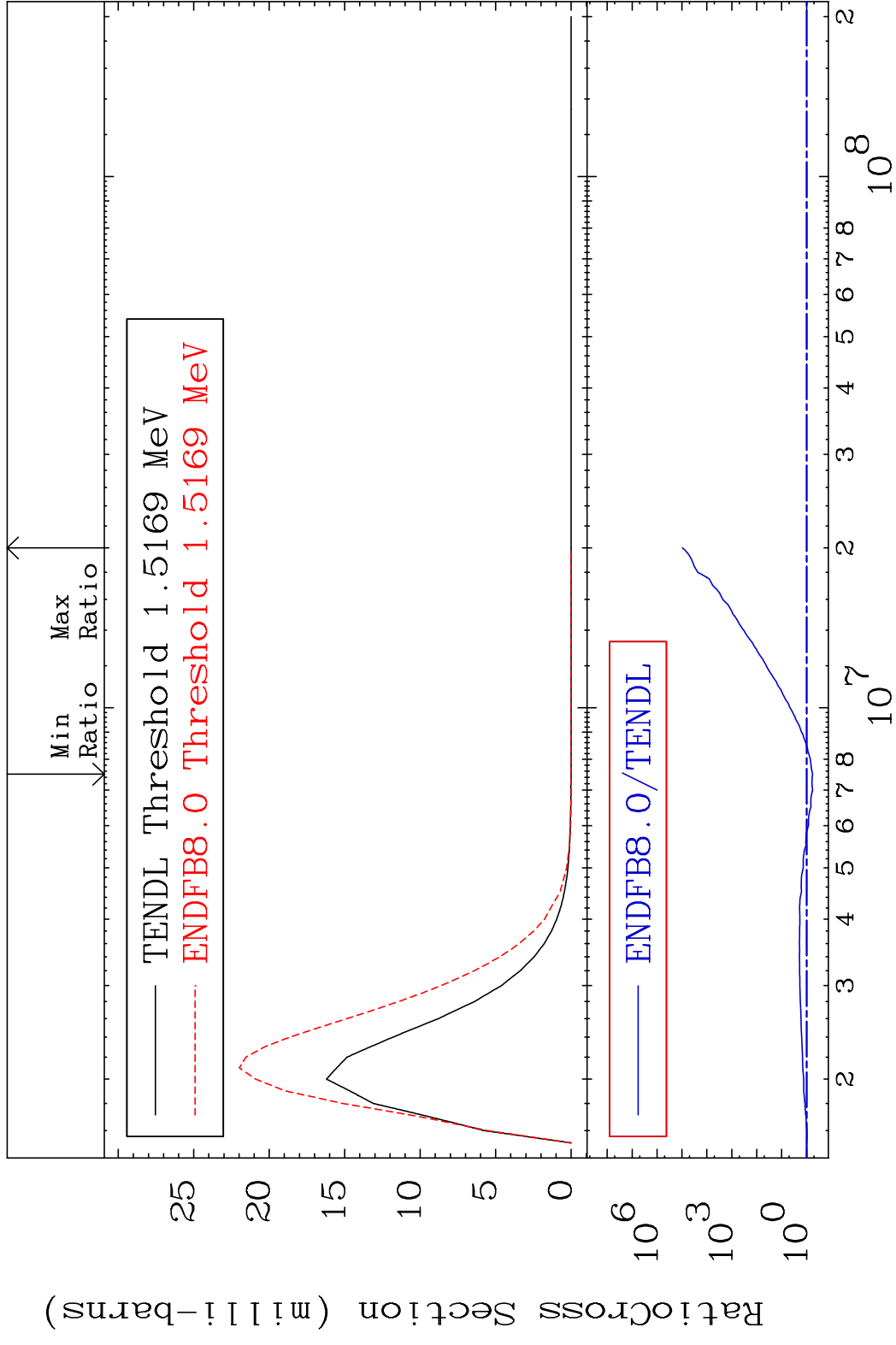
MAT 7225 MT= 70 (n,n') Level 72-Hf-174
 Cross Section -99.94 To 45.38 %



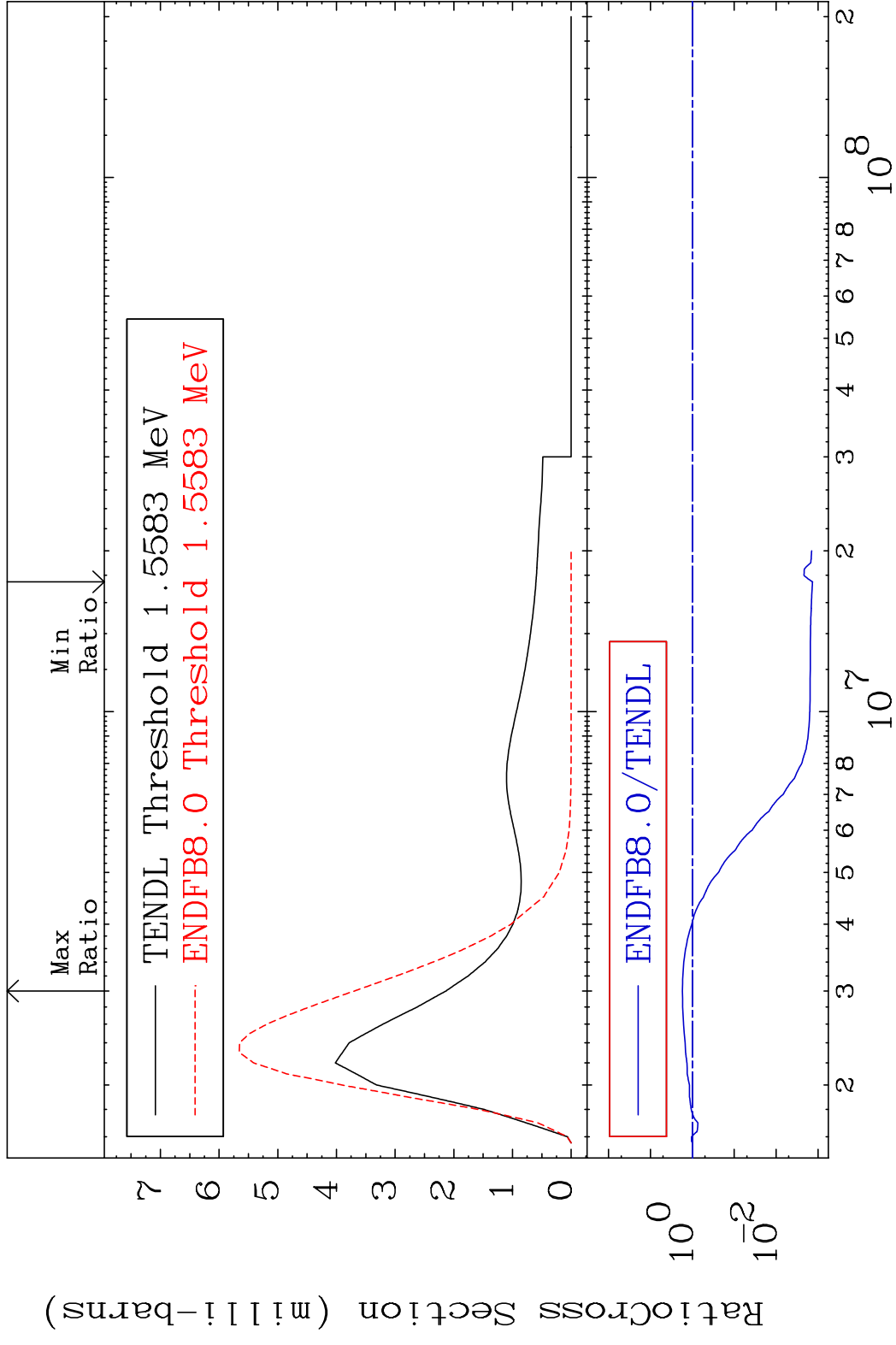
MAT 7225 MT= 71 (n, n') Level 72-Hf-174
 Cross Section -99.90 To 56.09 %



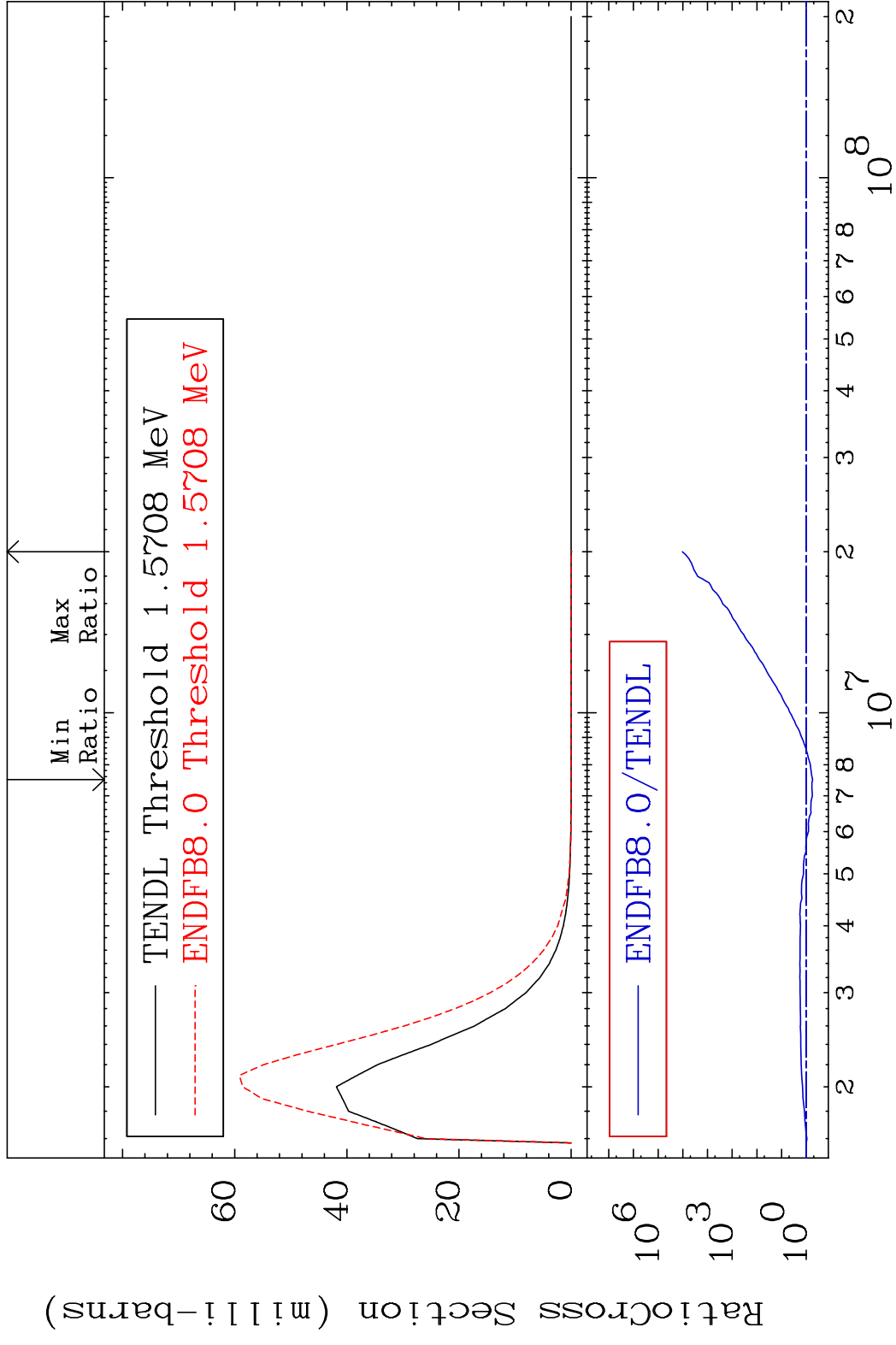
MAT 7225 MT= 72 (n, n') Level 72-Hf-174
 Cross Section -42.48 To 9999. %



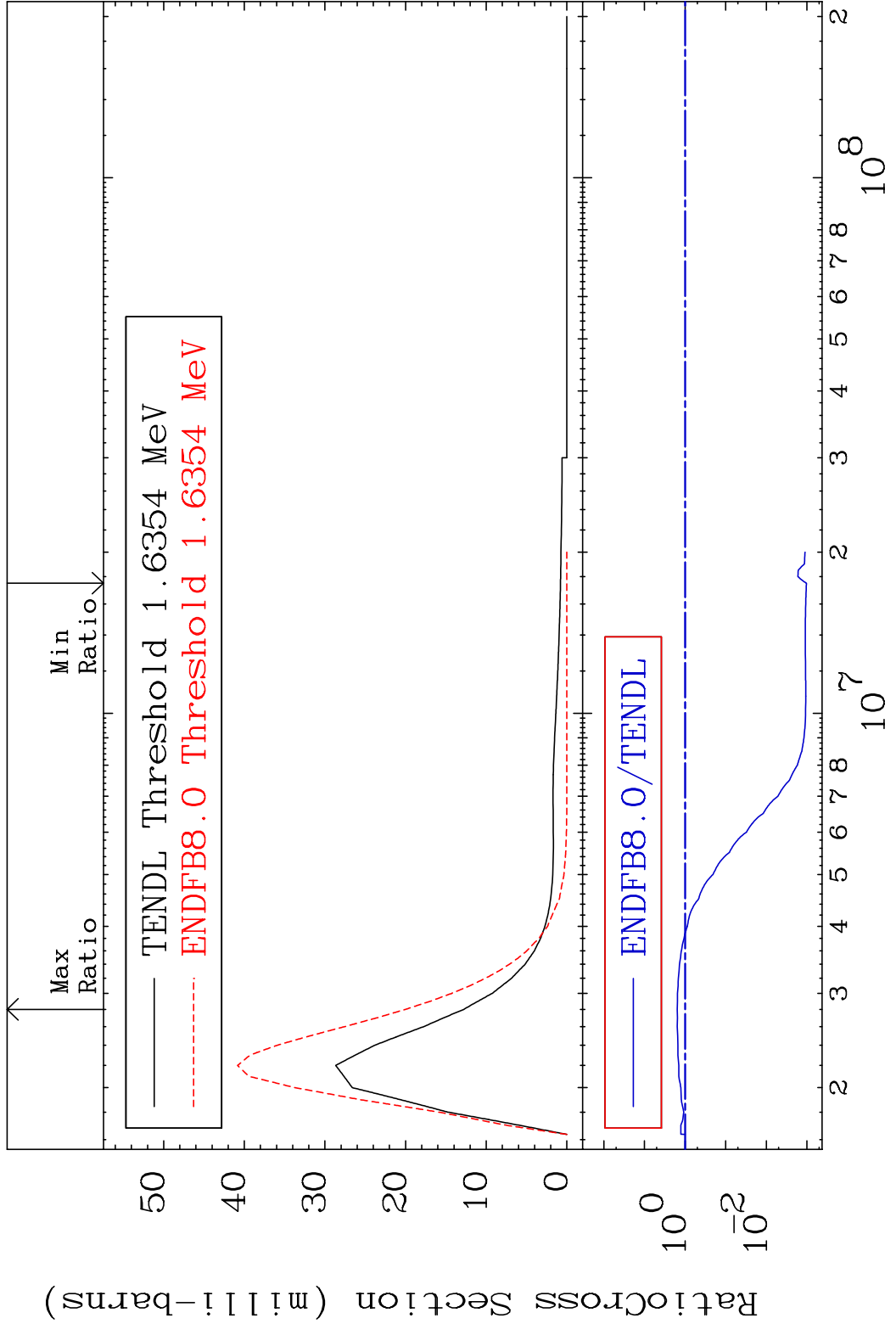
MAT 7225 MT= 73 (n,n') Level 72-Hf-174
 Cross Section -99.86 To 73.21 %



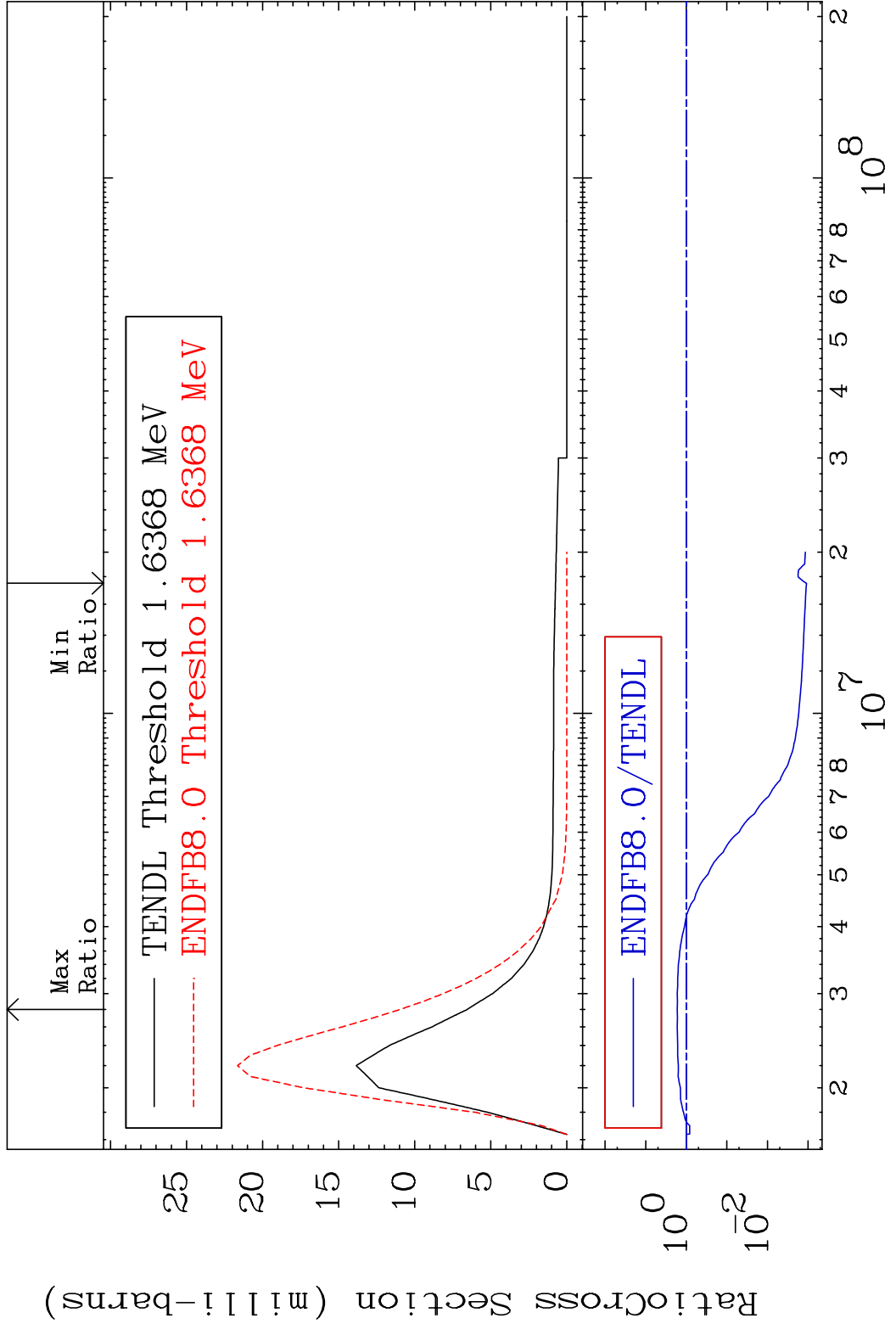
MAT 7225 MT= 74 (n,n') Level 72-Hf-174
 Cross Section -44.39 To 9999. %



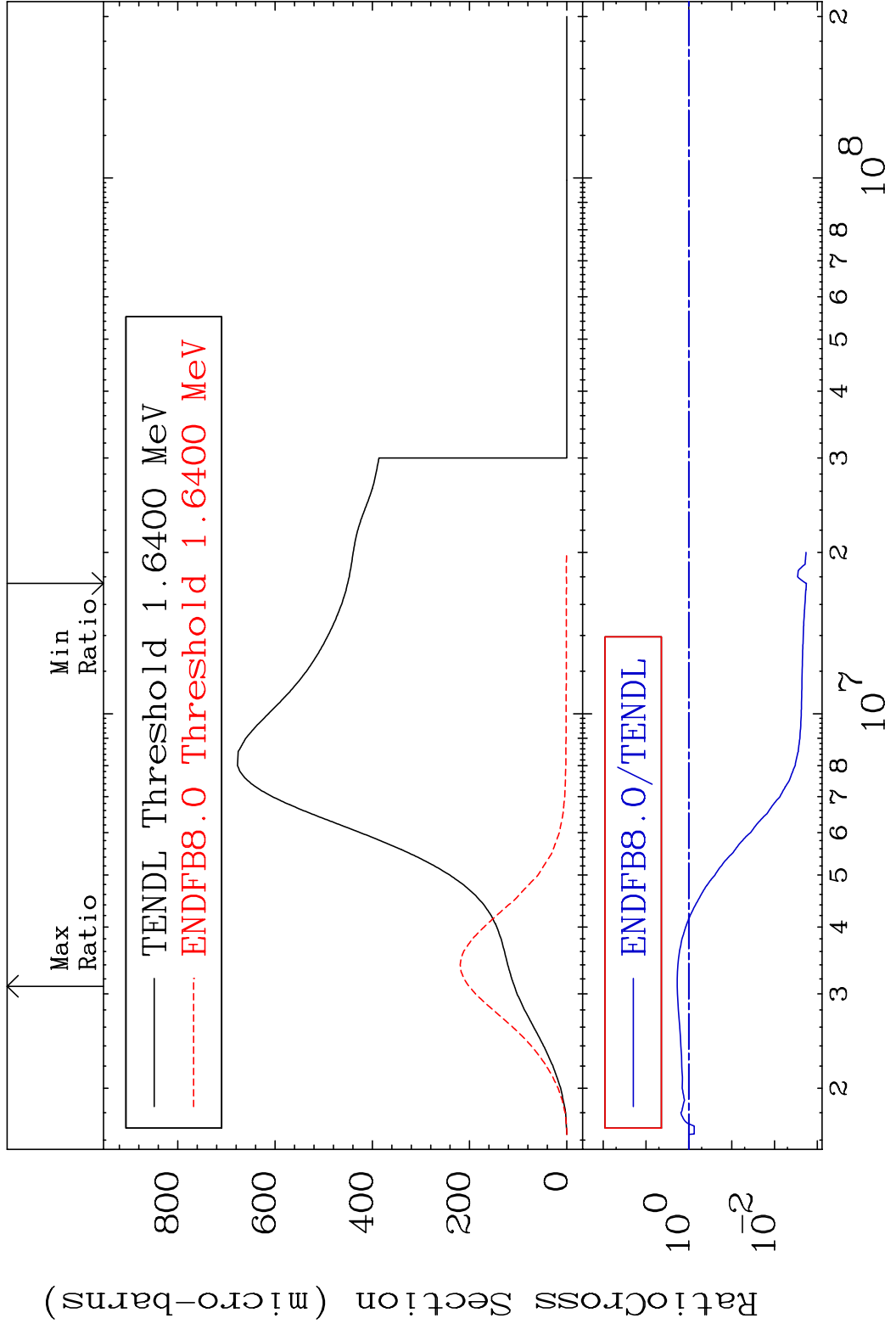
MAT 7225 MT= 75 (n,n') Level 72-Hf-174
 Cross Section -99.90 To 56.45 %



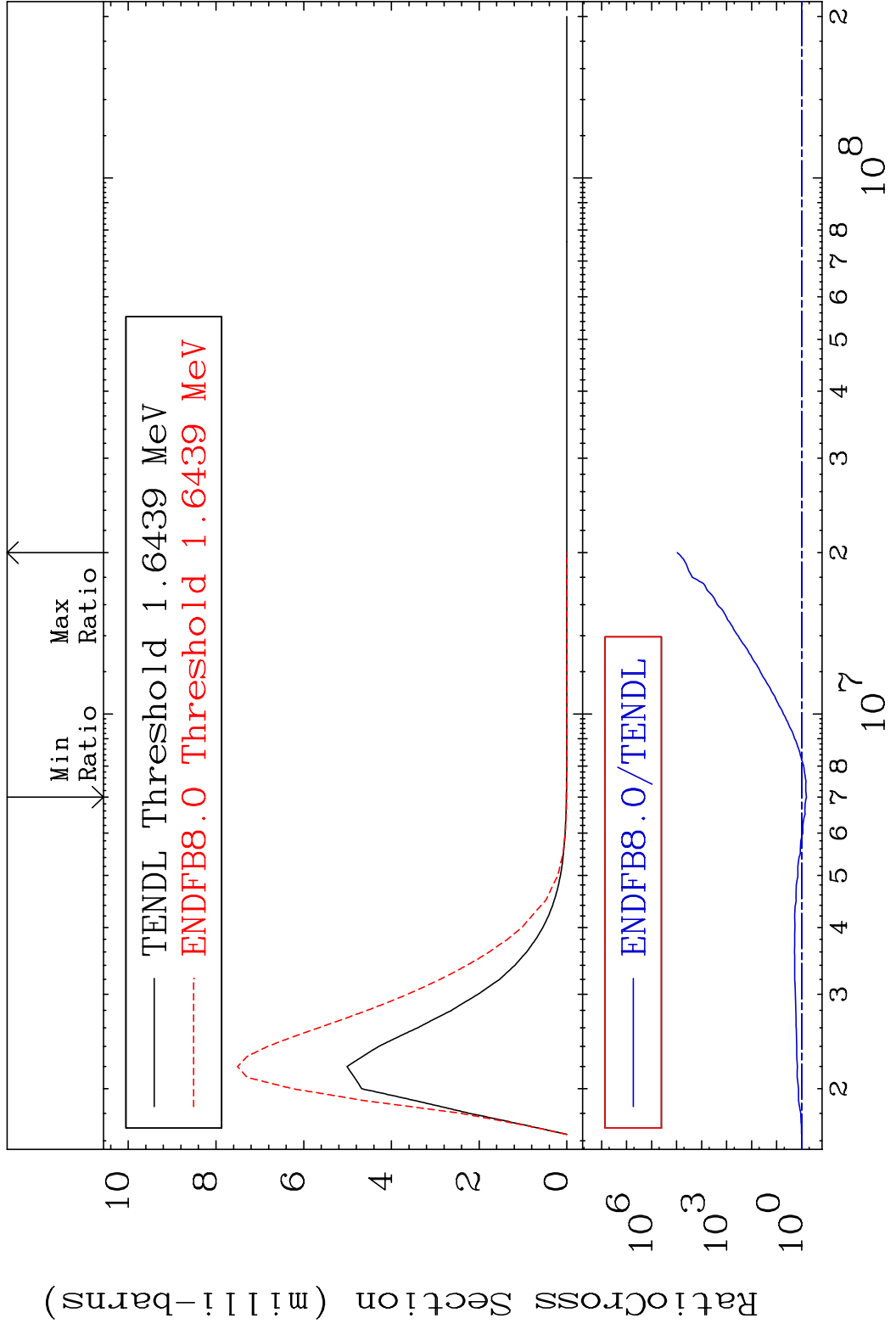
MAT 7225 MT= 76 (n,n') Level 72-Hf-174
 Cross Section -99.89 To 67.56 %



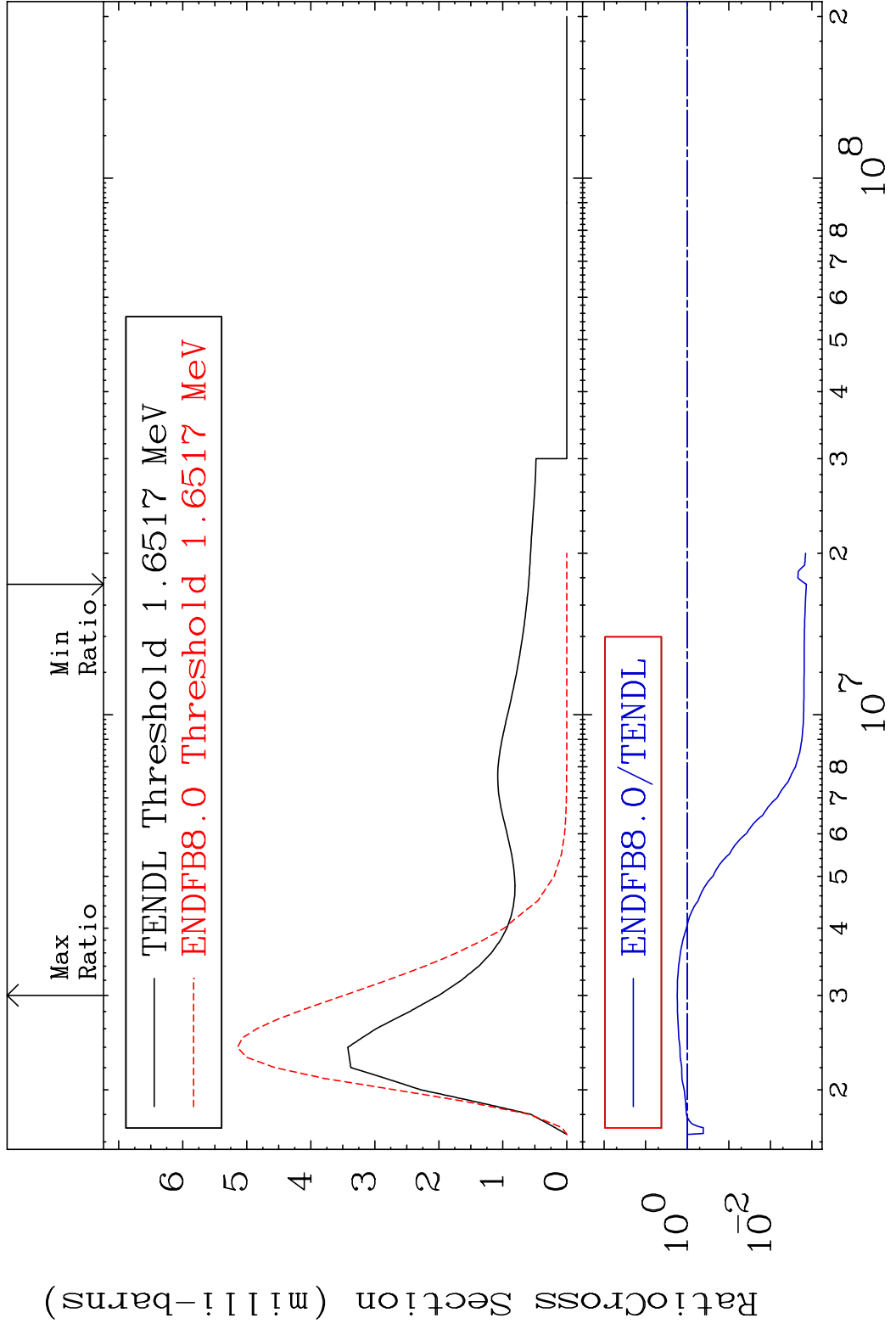
MAT 7225 MT= 77 (n, n') Level 72-Hf-174
 Cross Section -99.82 To 86.79 %



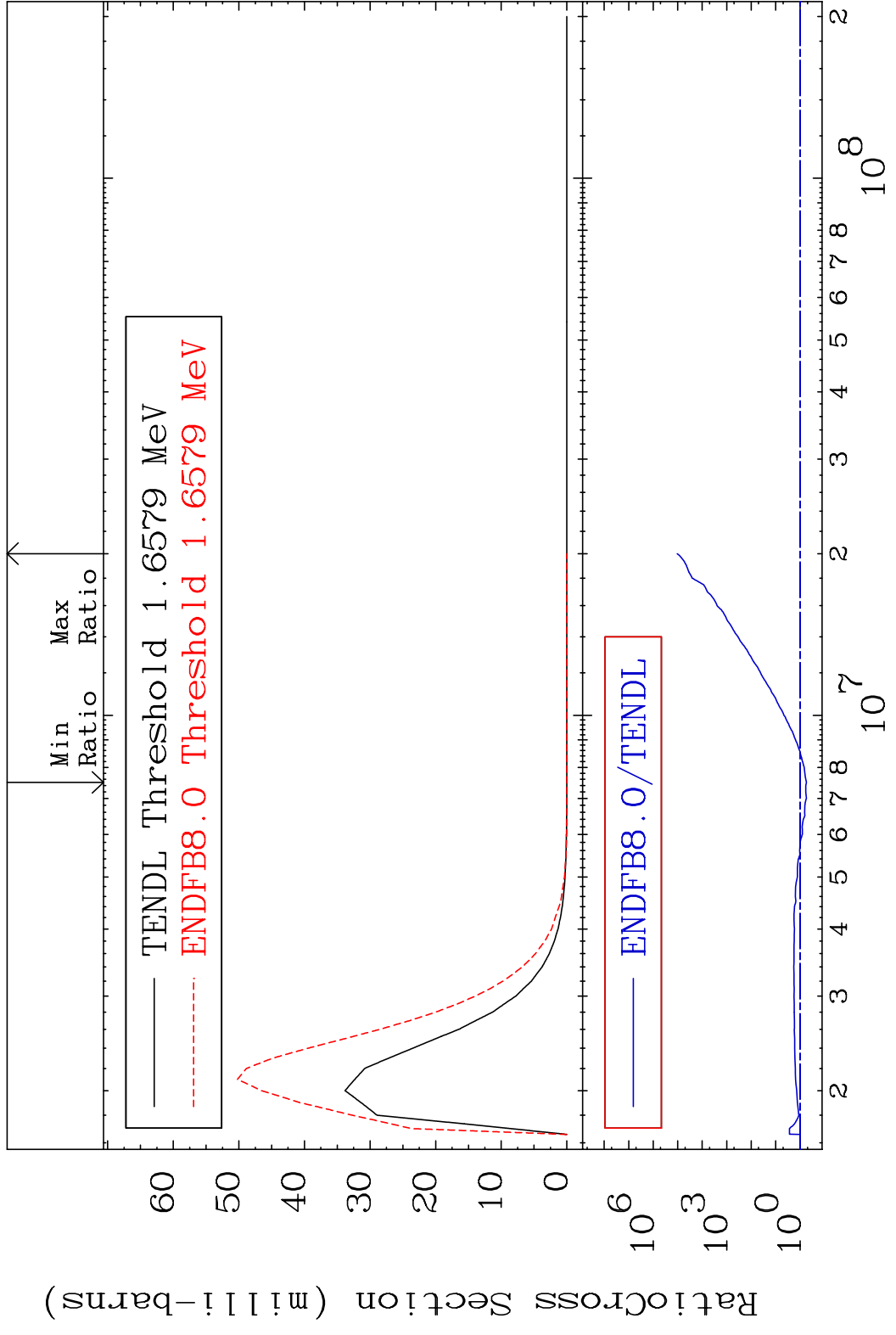
MAT 7225 MT= 78 (n, n') Level 72-Hf-174
 Cross Section -35.20 To 9999. %



MAT 7225 MT= 79 (n, n') Level 72-Hf-174
 Cross Section -99.86 To 74.22 %



MAT 7225 MT= 80 (n, n') Level 72-Hf-174
 Cross Section -44.24 To 9999. %

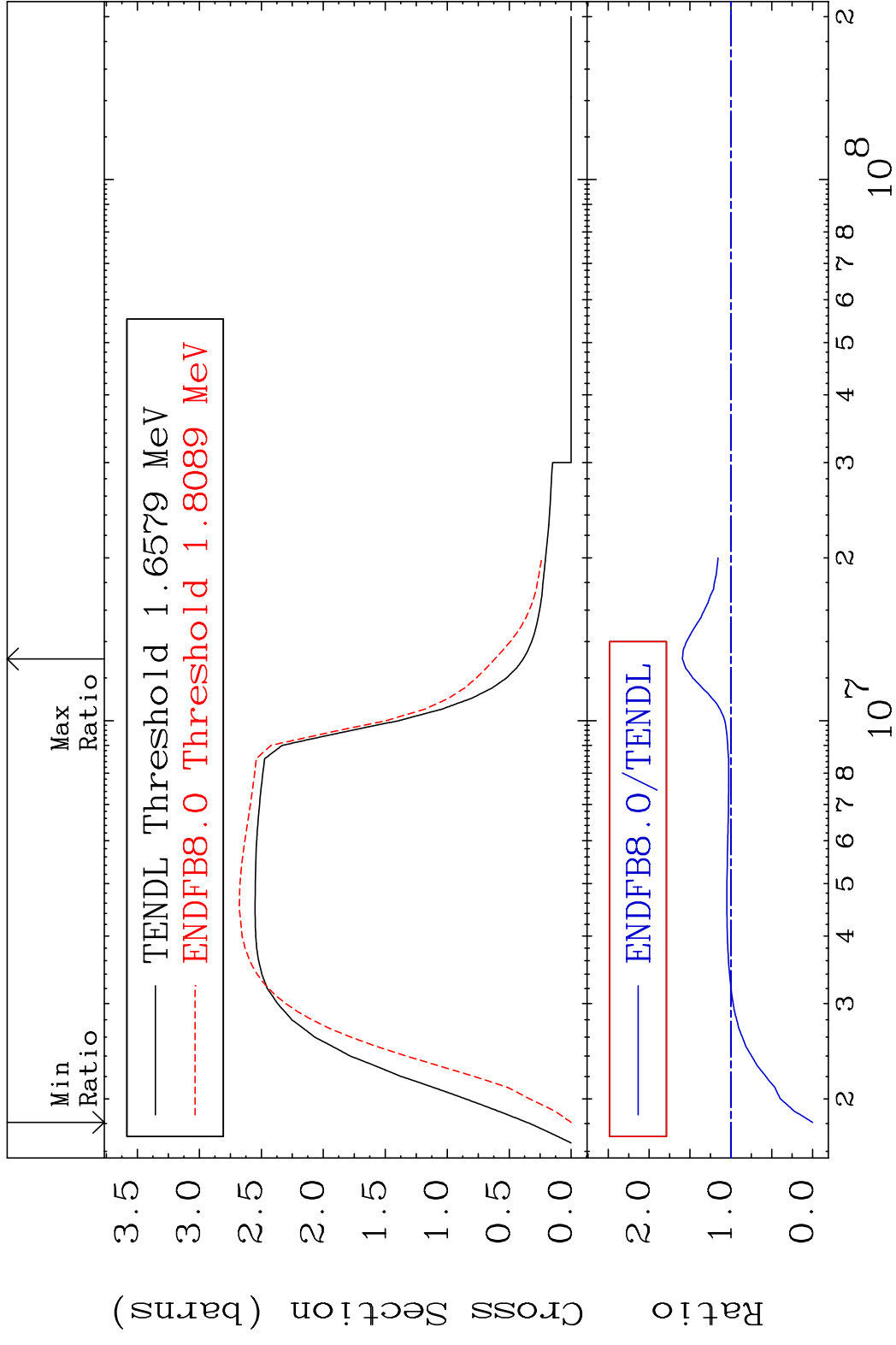


MAT 7225

(n,n') Continuum

72-Hf-174

Cross Section -100.0 To 59.35 %

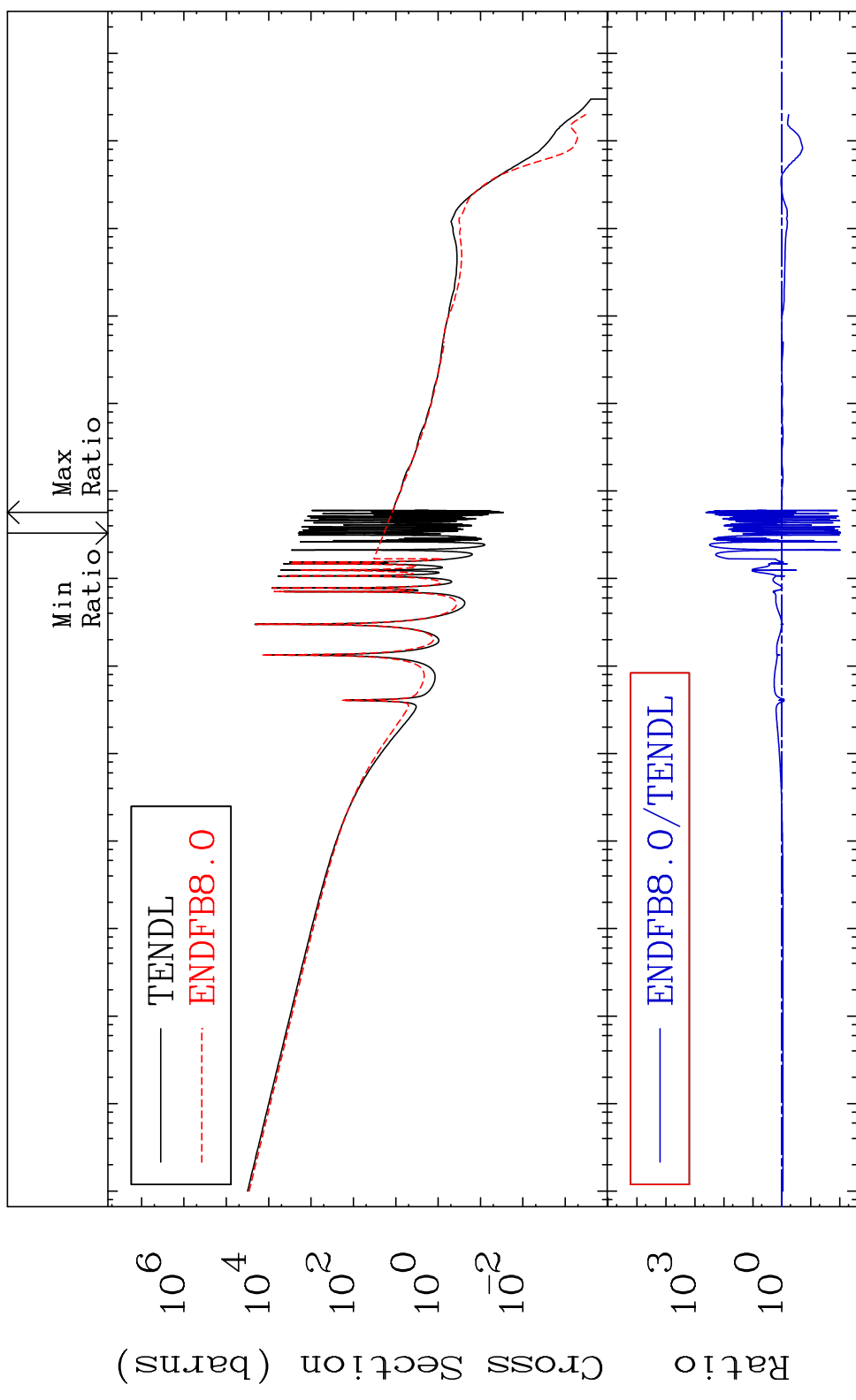


MAT 7225

(n, γ)

72-Hf-174

Cross Section -99.05 To 9999. %

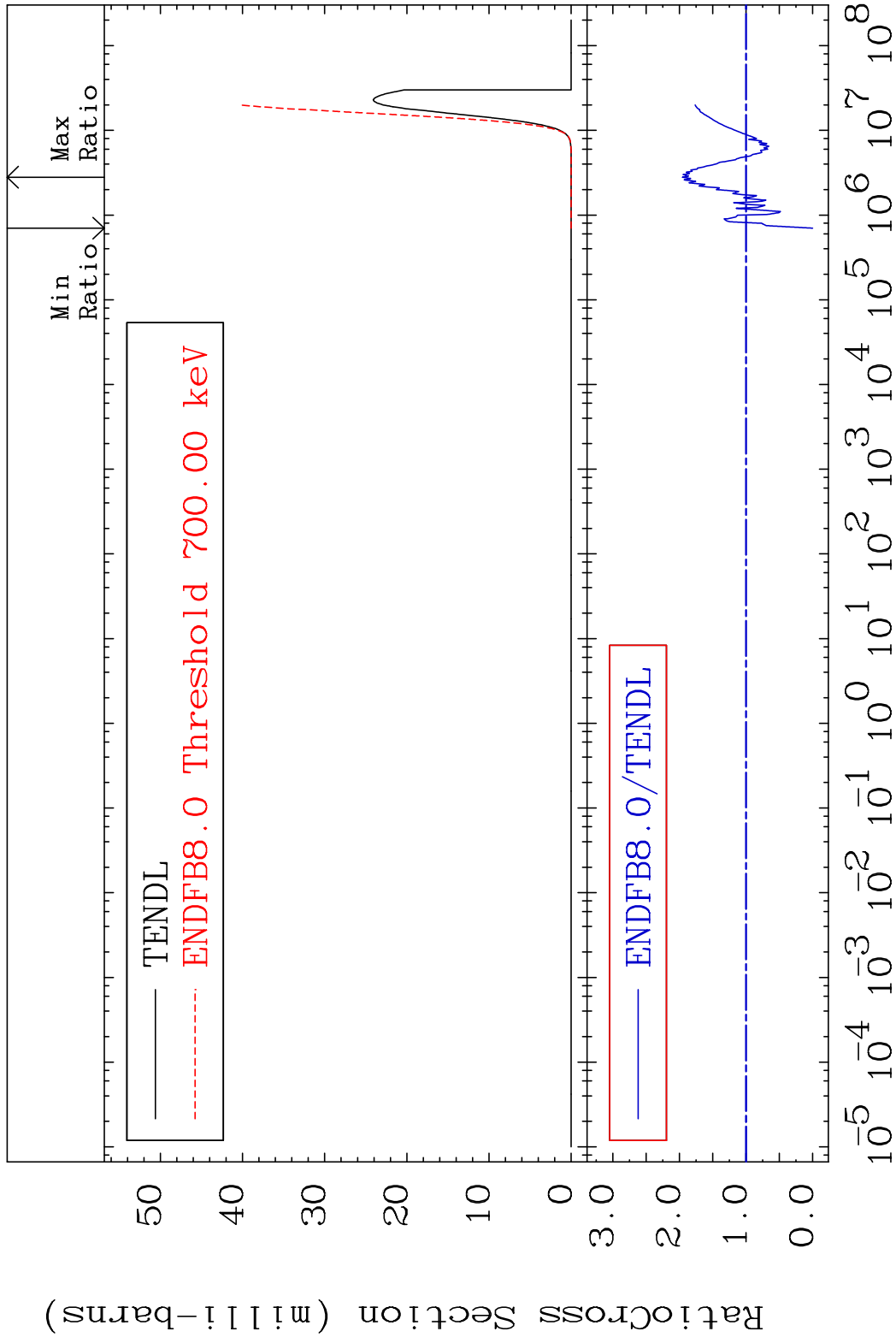


MAT 7225

(n, p)

72-Hf-174

Cross Section -100.0 To 95.48 %

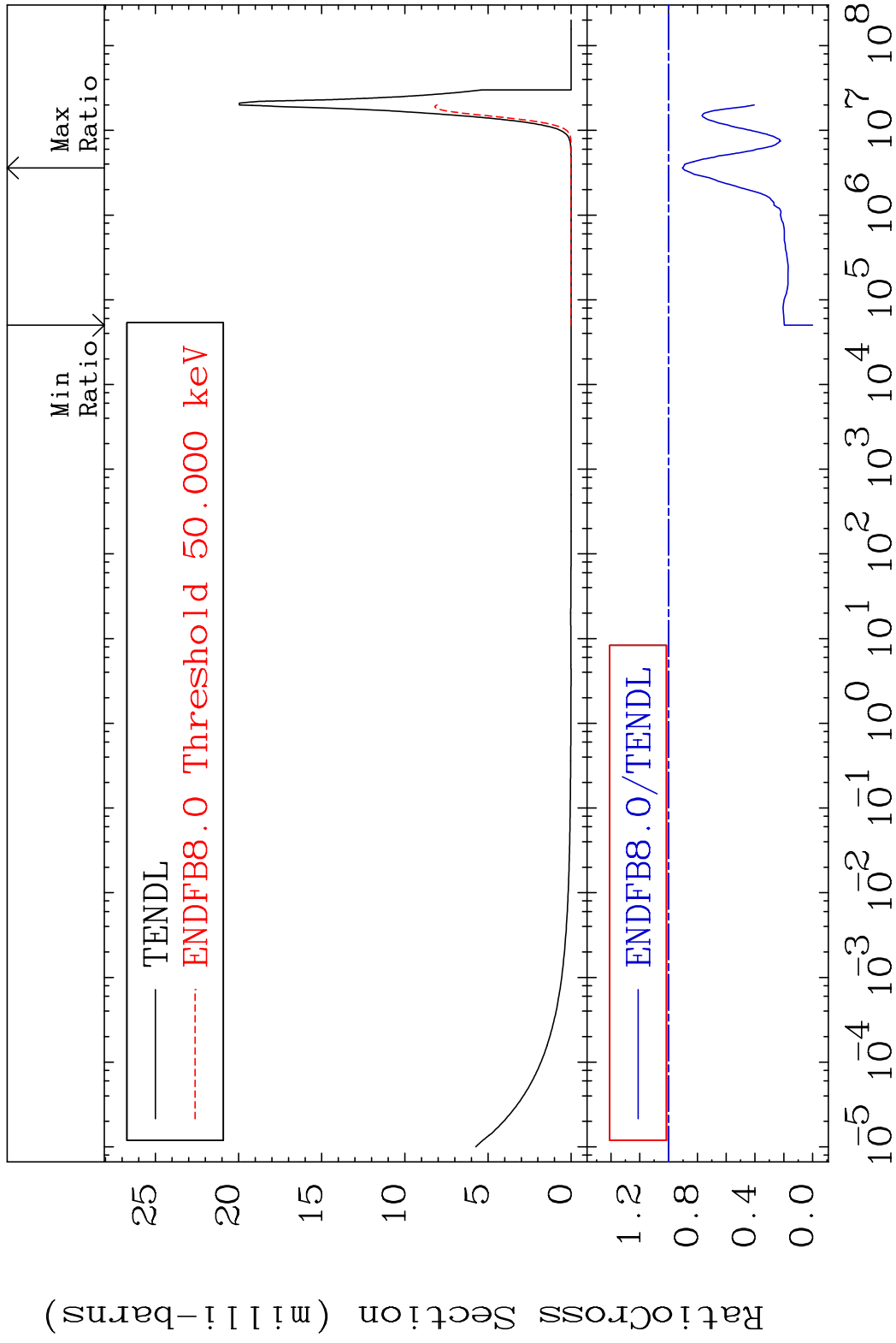


MAT 7225

(n, α)

72-Hf-174

Cross Section -100.0 To -9.574%



41

Incident Energy (eV)

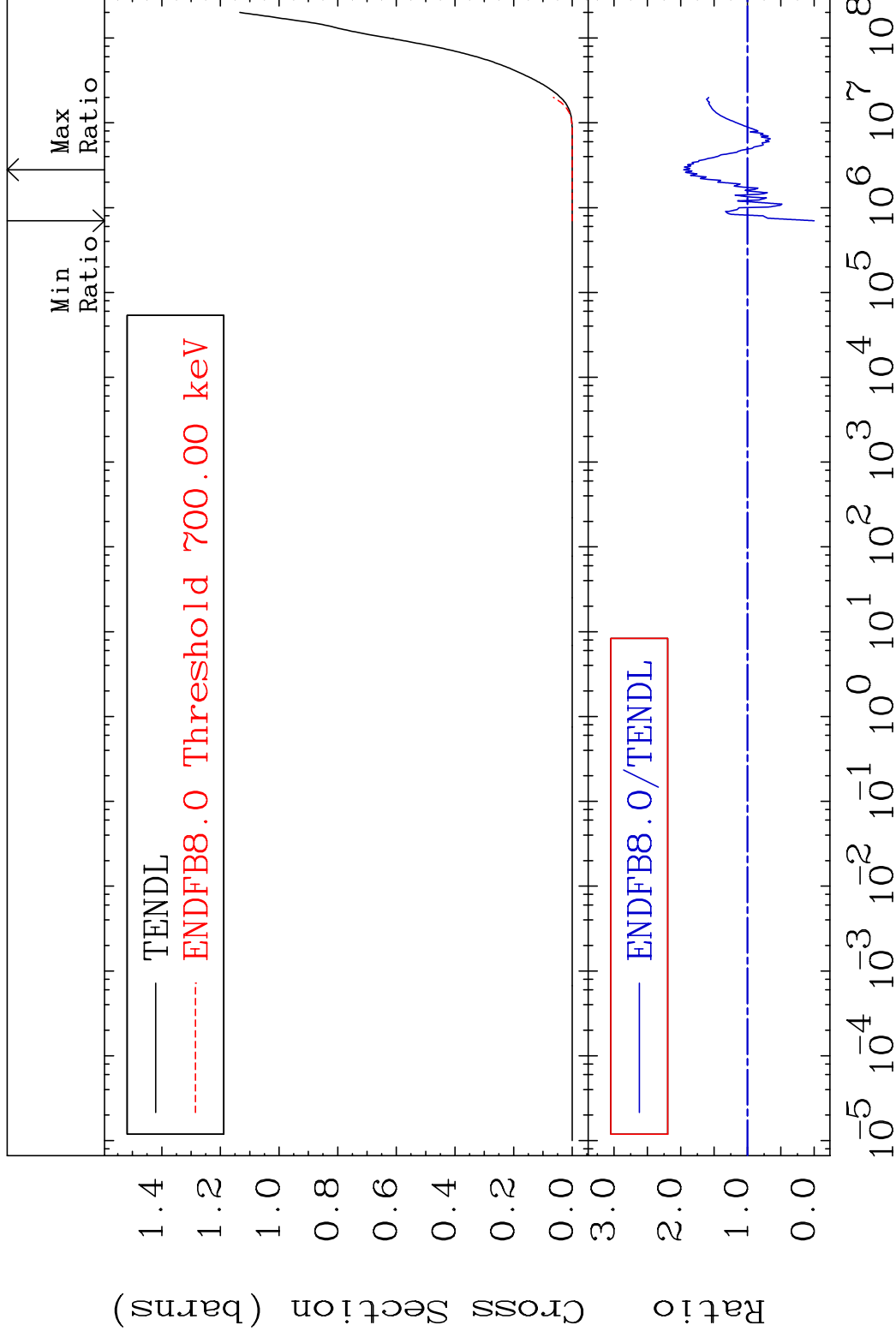
72-Hf-174

MAT 7225

Hydrogen Production

72-Hf-174

Cross Section -100.0 To 95.48 %



42

Incident Energy (eV)

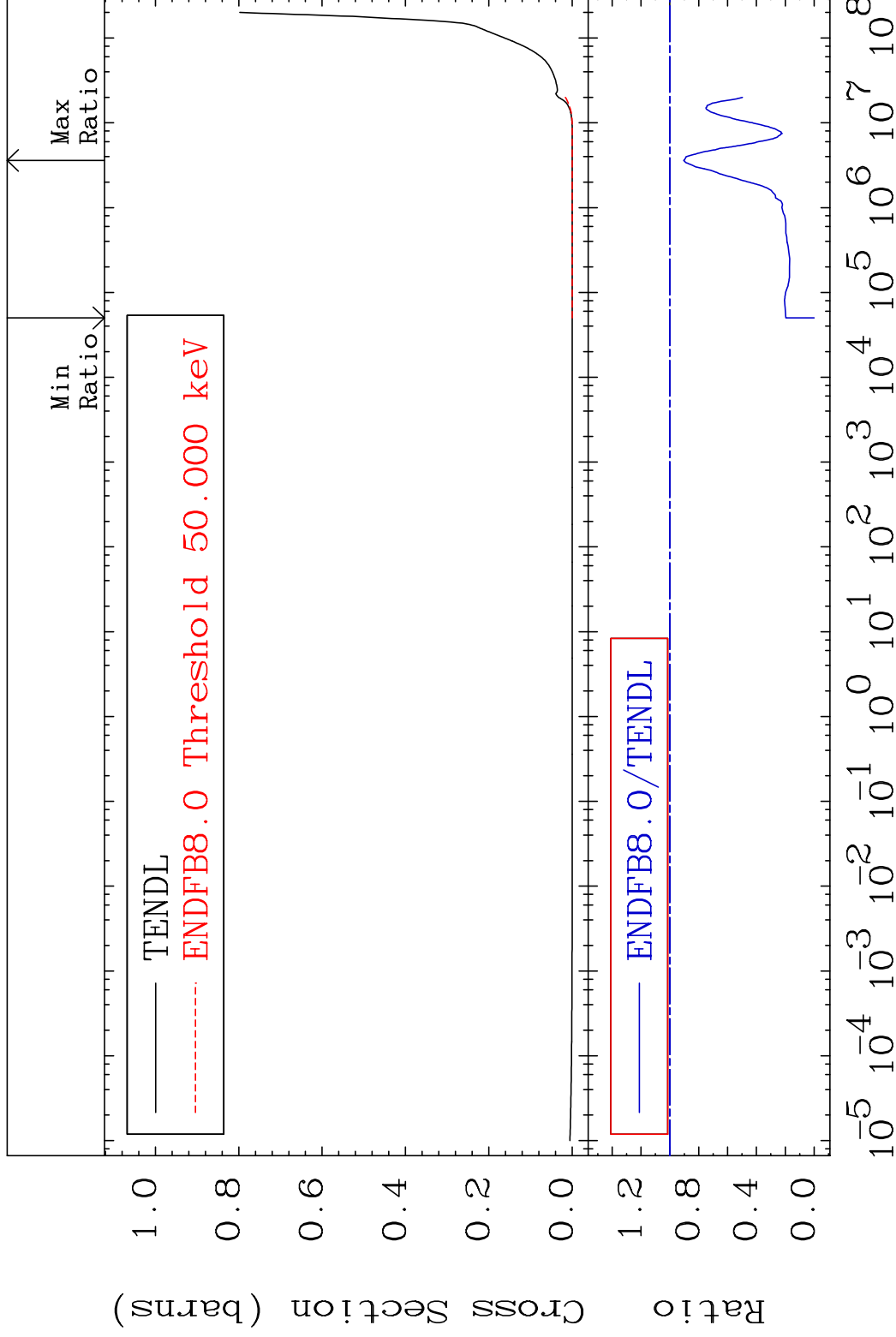
72-Hf-174

MAT 7225

He-4 Production

72-Hf-174

Cross Section -100.0 To -9.574%

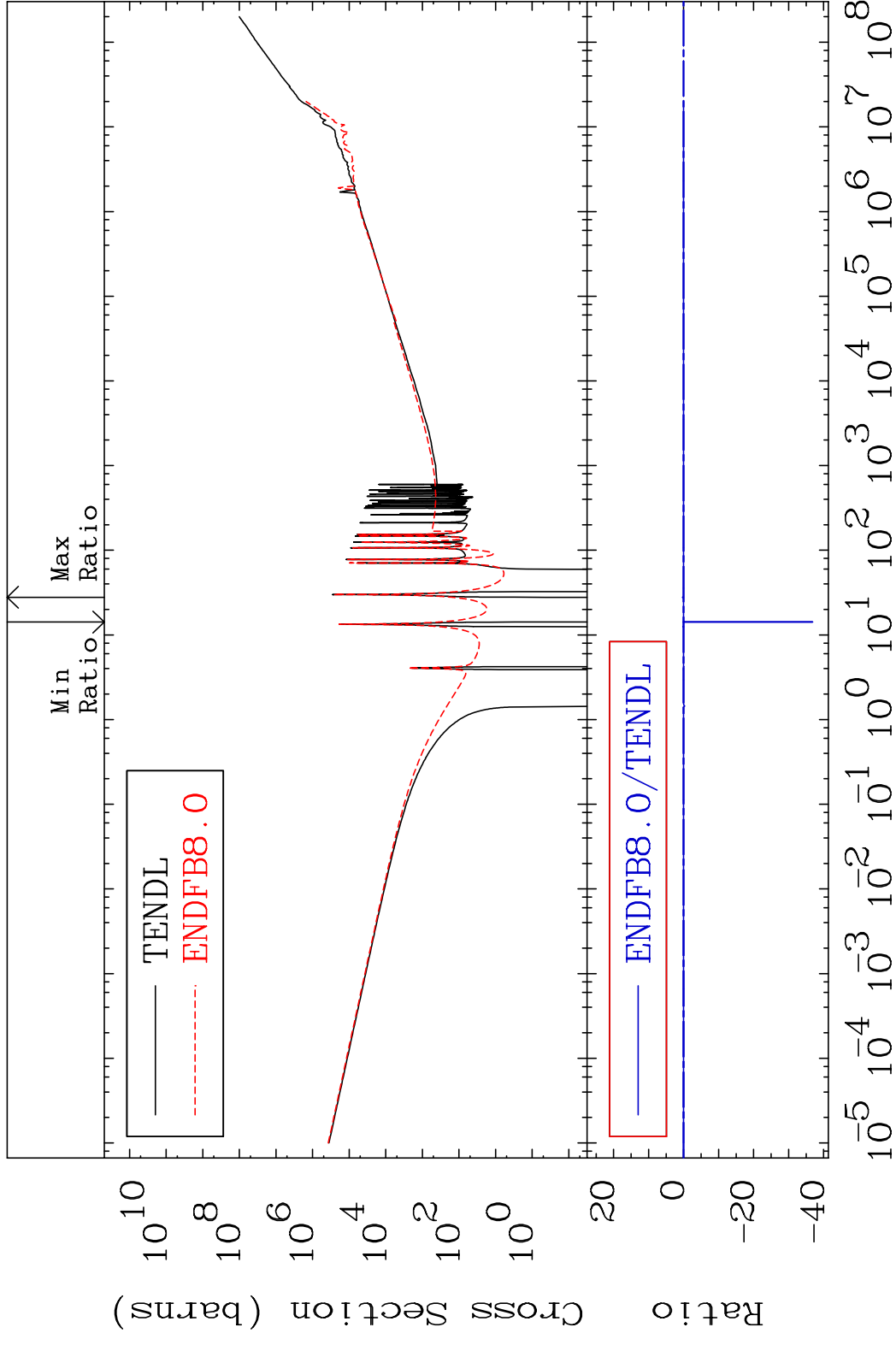


43

Incident Energy (eV)

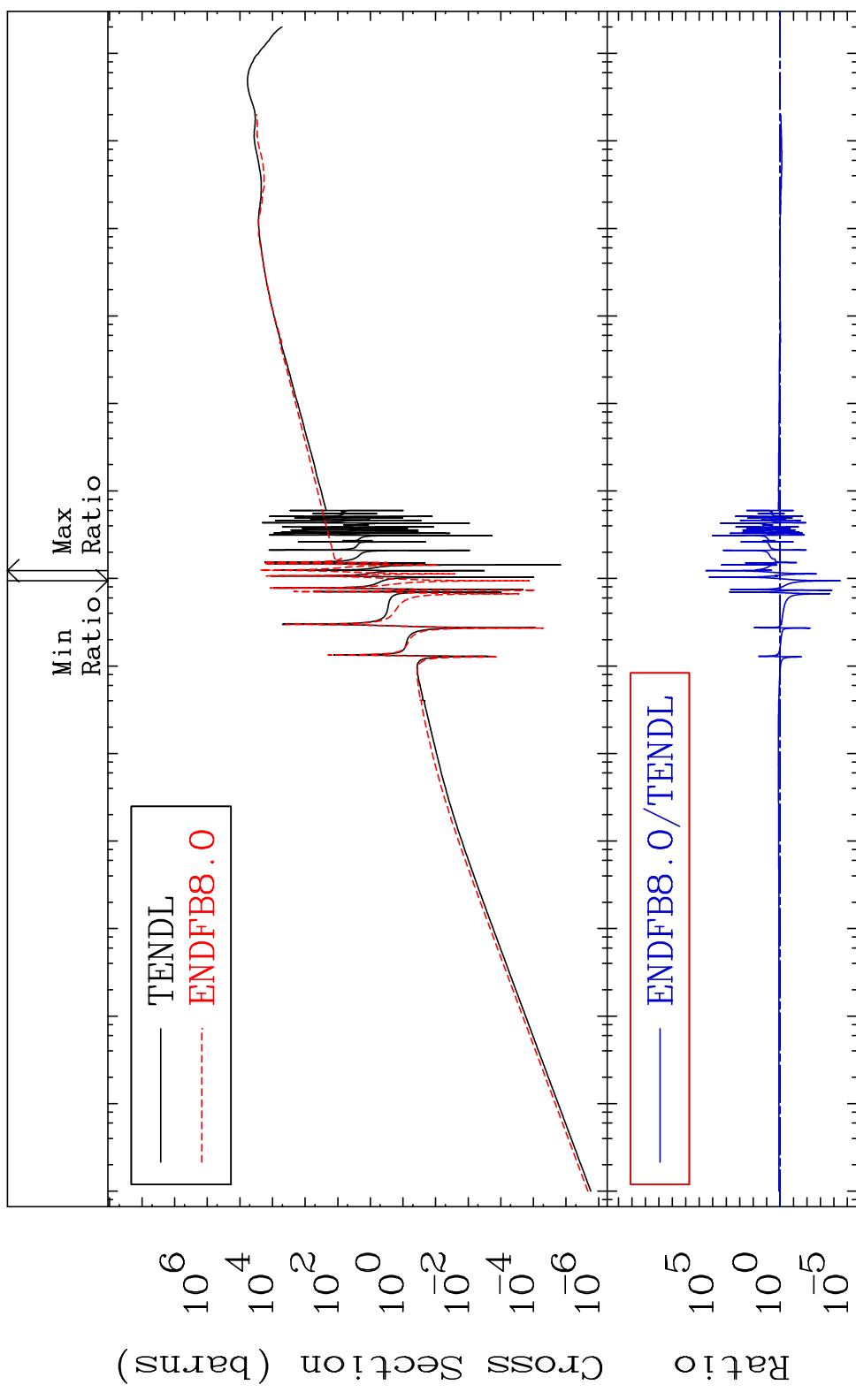
72-Hf-174

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

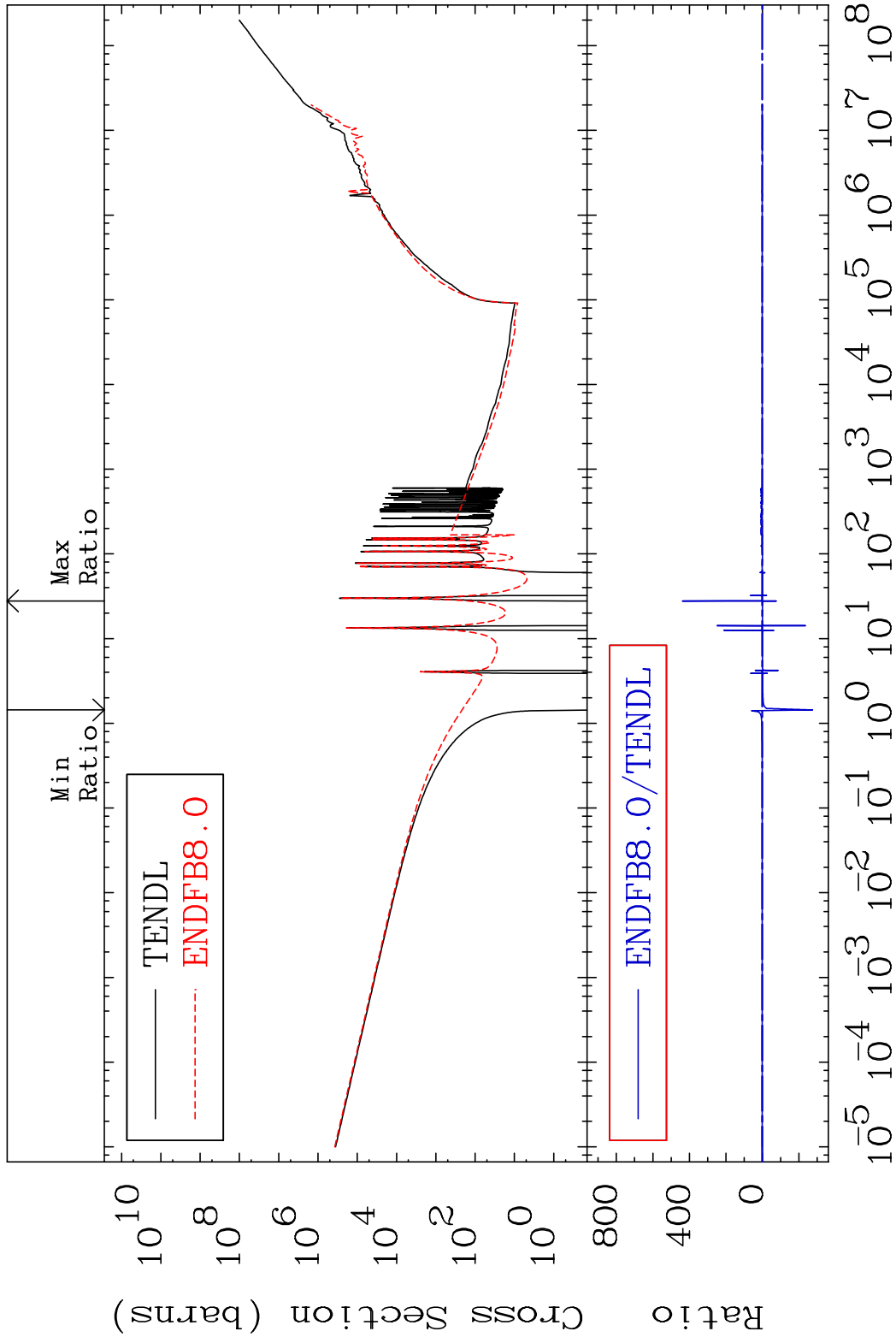


MAT 7225

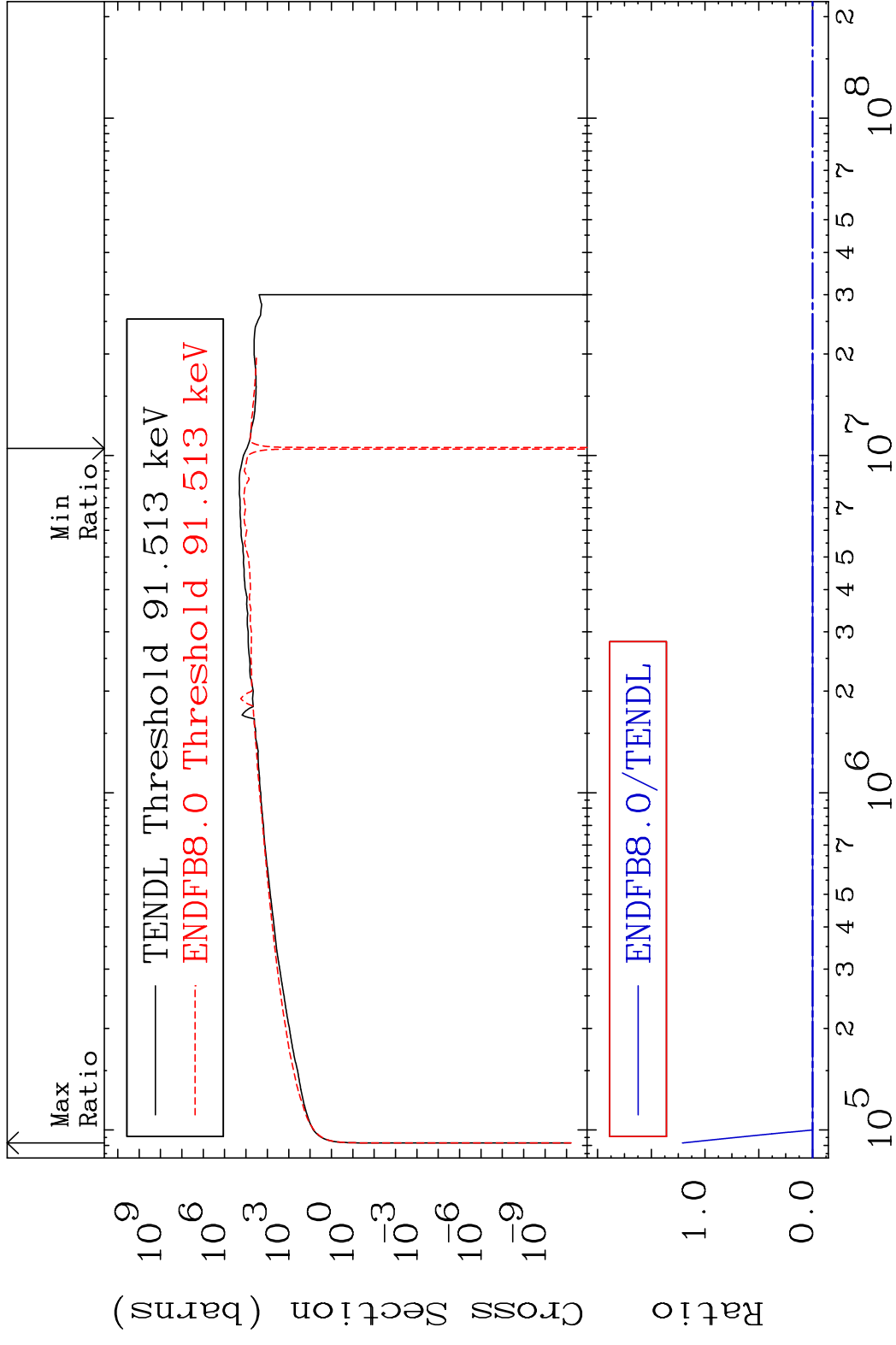
Kerma elastic
Cross Section -100.0 To 9999. %
72-Hf-174



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

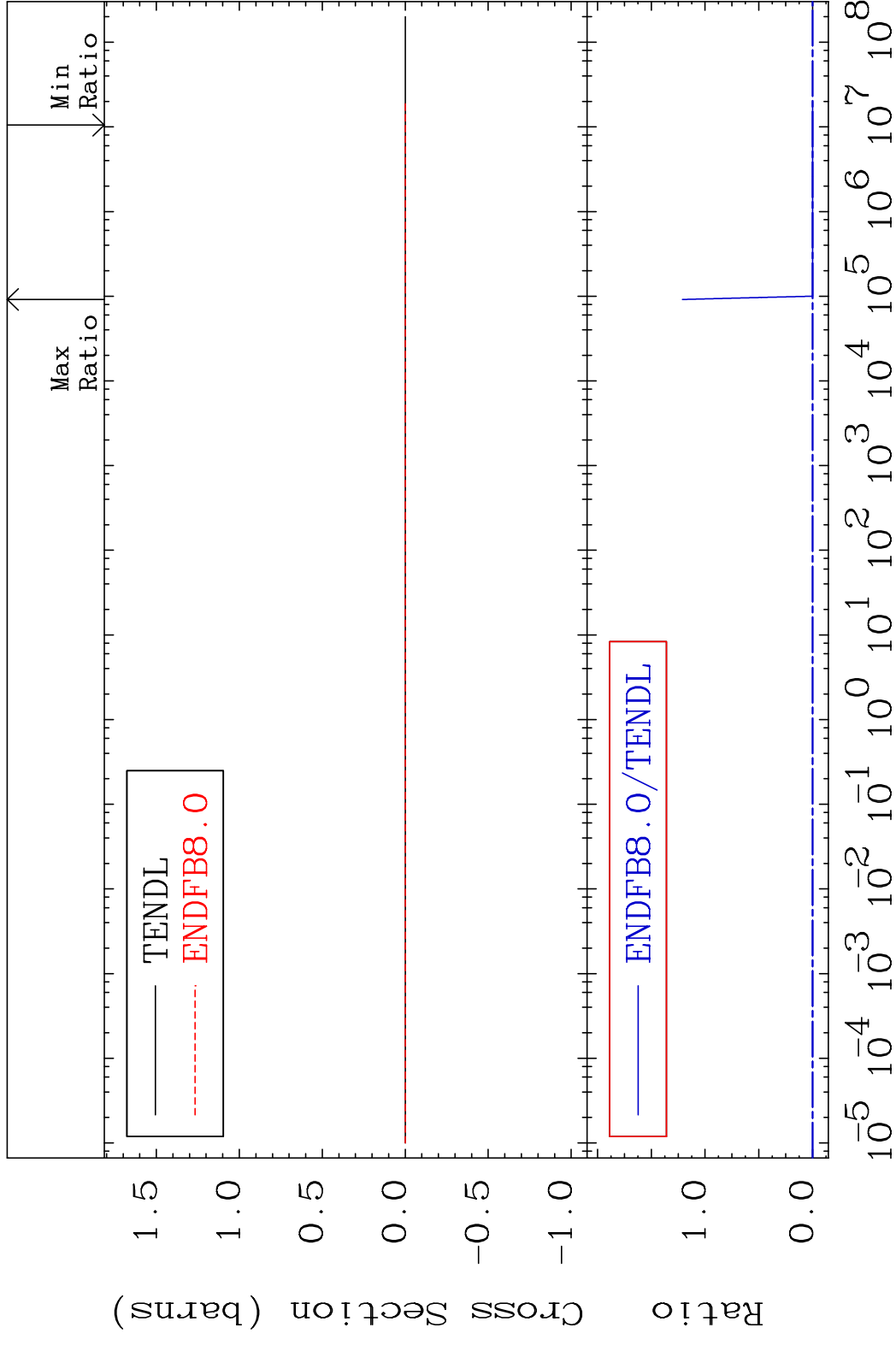


MAT 7225 Kerma inelastic (mt51-91) 72-Hf-174
 Cross Section -111.0 To 9999. %



47 Incident Energy (eV) 72-Hf-174

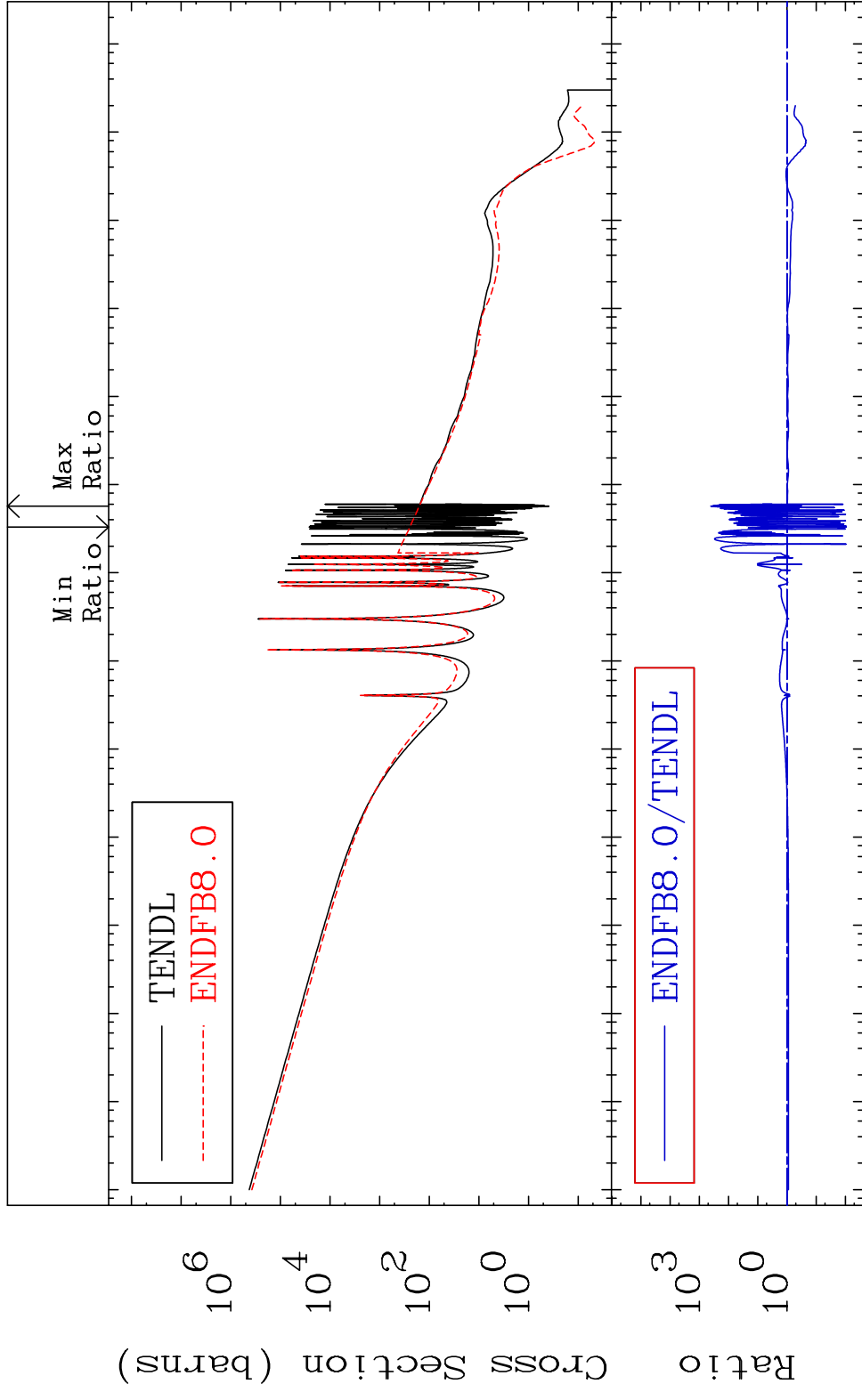
MAT 7225 Kerma fission (mt18 or mt19-20-21-38)72-Hf-174
 Cross Section -111.0 To 9999. %



MAT 7225

Kerma capture (mt102) 72-Hf-174

Cross Section -99.07 To 9999. %



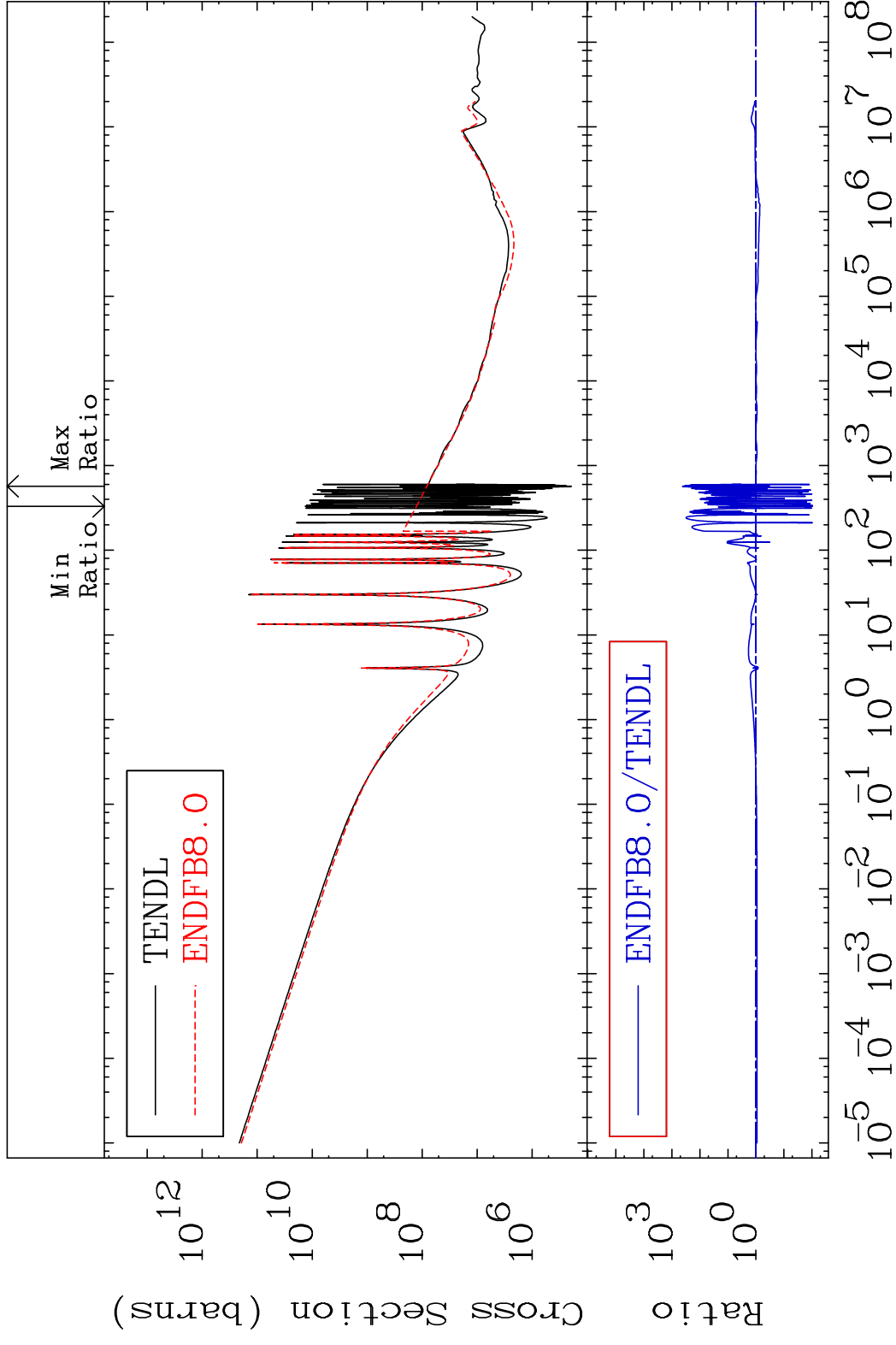
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

49

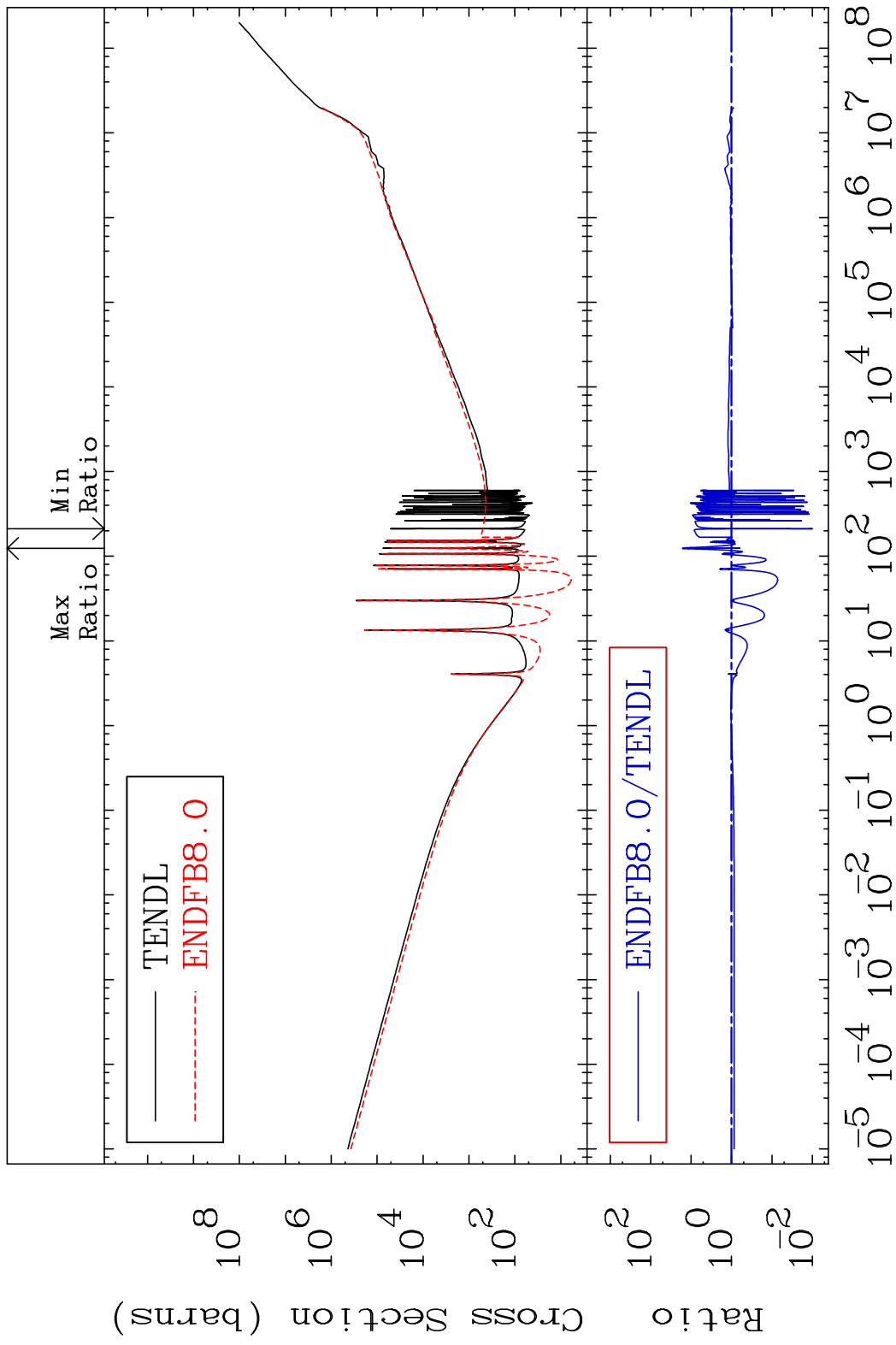
Incident Energy (eV)

72-Hf-174

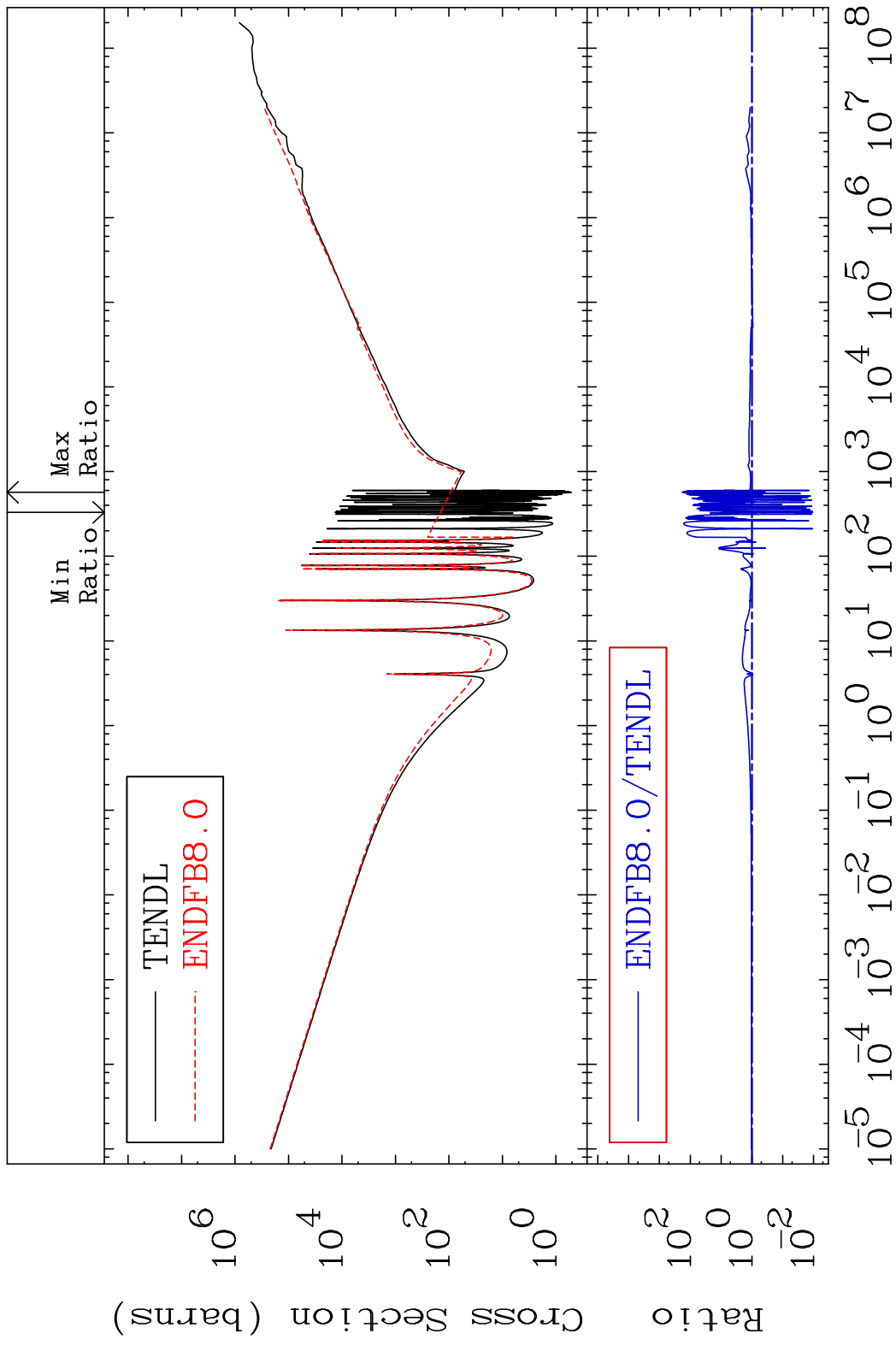
MAT 7225 Total photon (eV-barns) 72-Hf-174
 Cross Section -99.05 To 9999. %



MAT 7225 Total kinematic kerma (high limit) 72-Hf-174
 Cross Section -99.01 To 1543. %



MAT 7225 Dpa total (eV-barns) 72-Hf-174
 Cross Section -98.92 To 9999. %

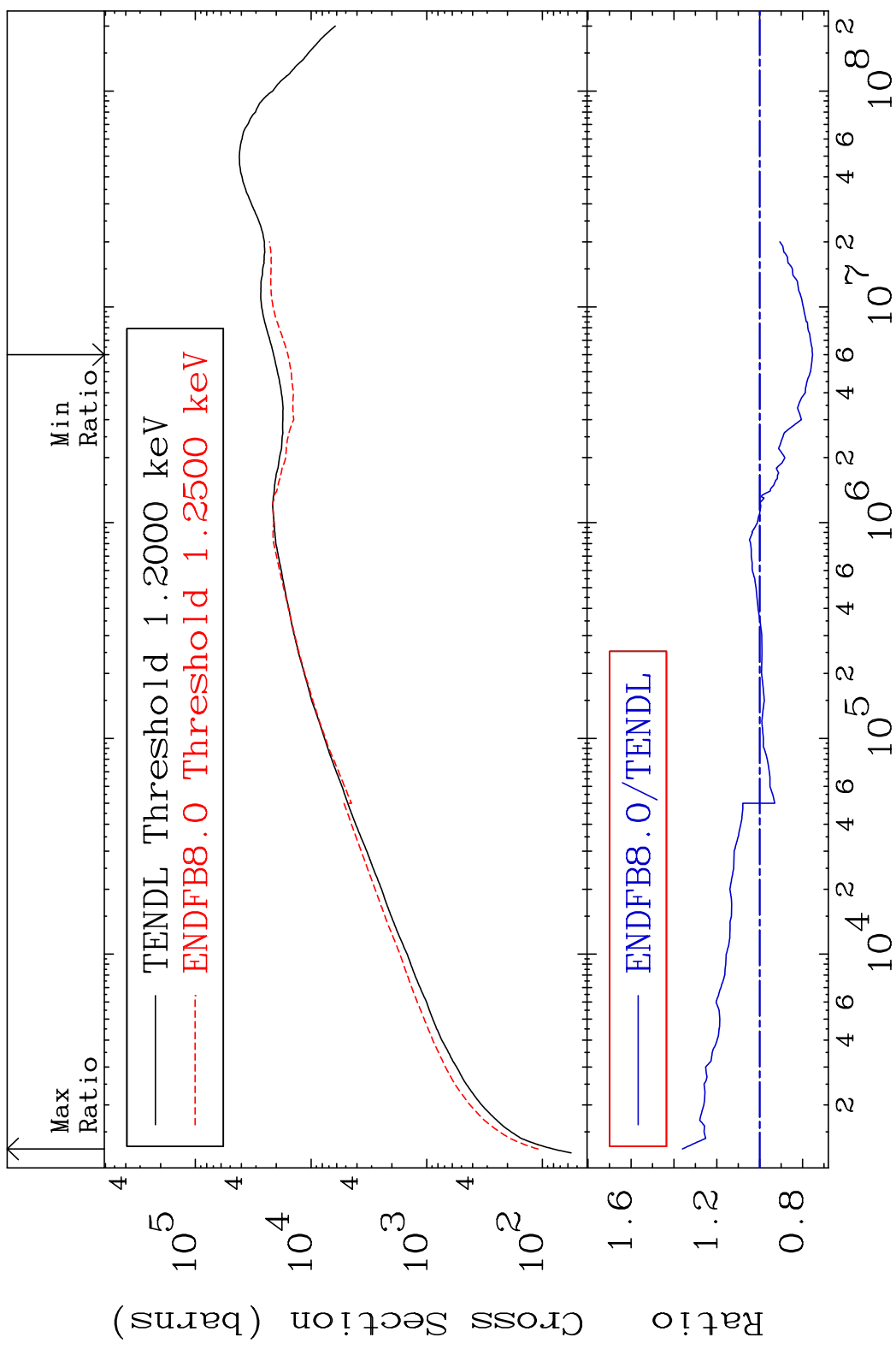


MAT 7225

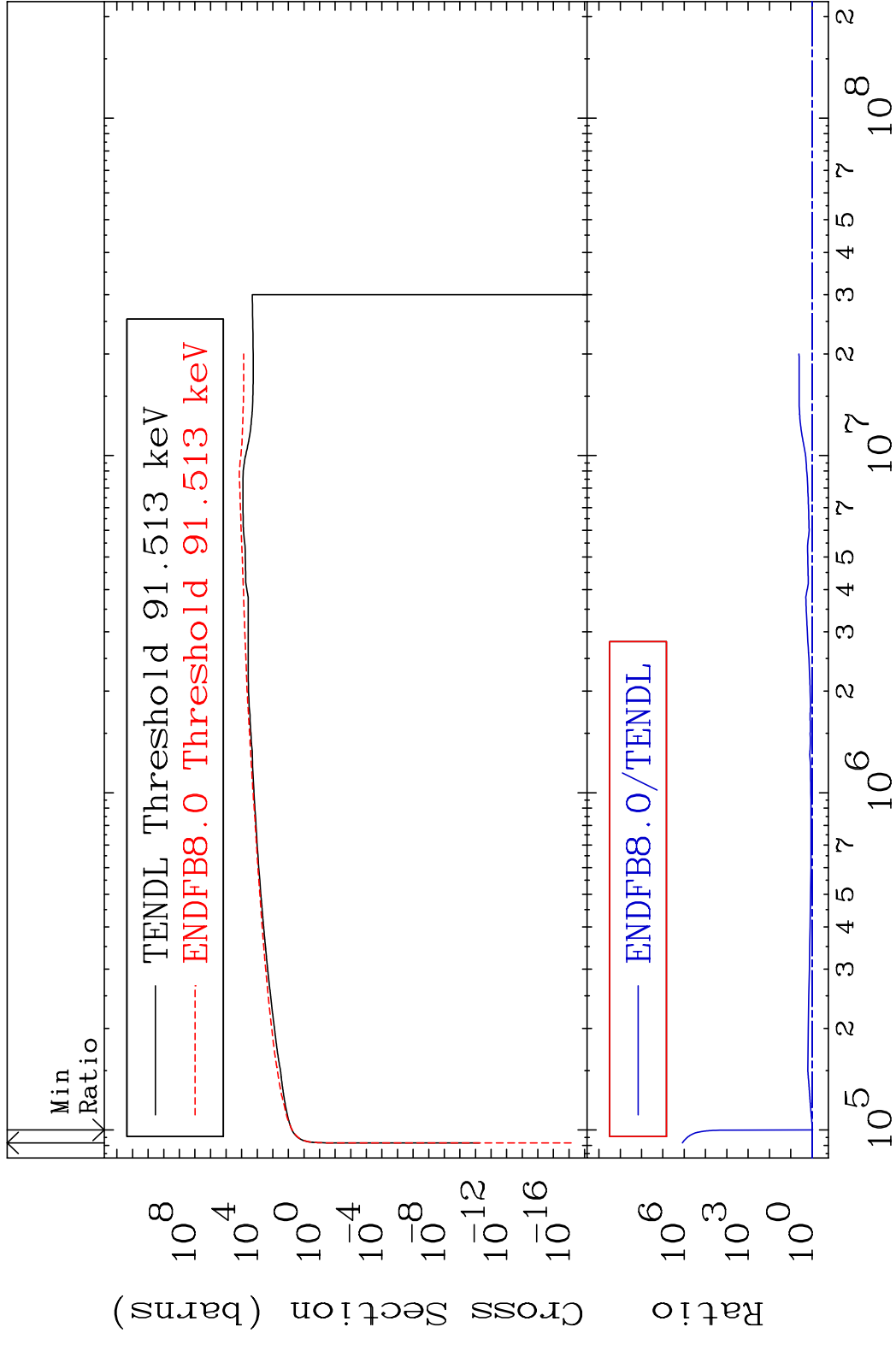
Dpa elastic (mt2)

72-Hf-174

Cross Section -24.68 To 36.04 %



MAT 7225 Dpa inelastic (mt51-91) 72-Hf-174
 Cross Section -5.442 To 9999. %



MAT 7225 Dpa disappearance (mt102 -120) 72-Hf-174
 Cross Section -98.92 To 9999. %

