

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

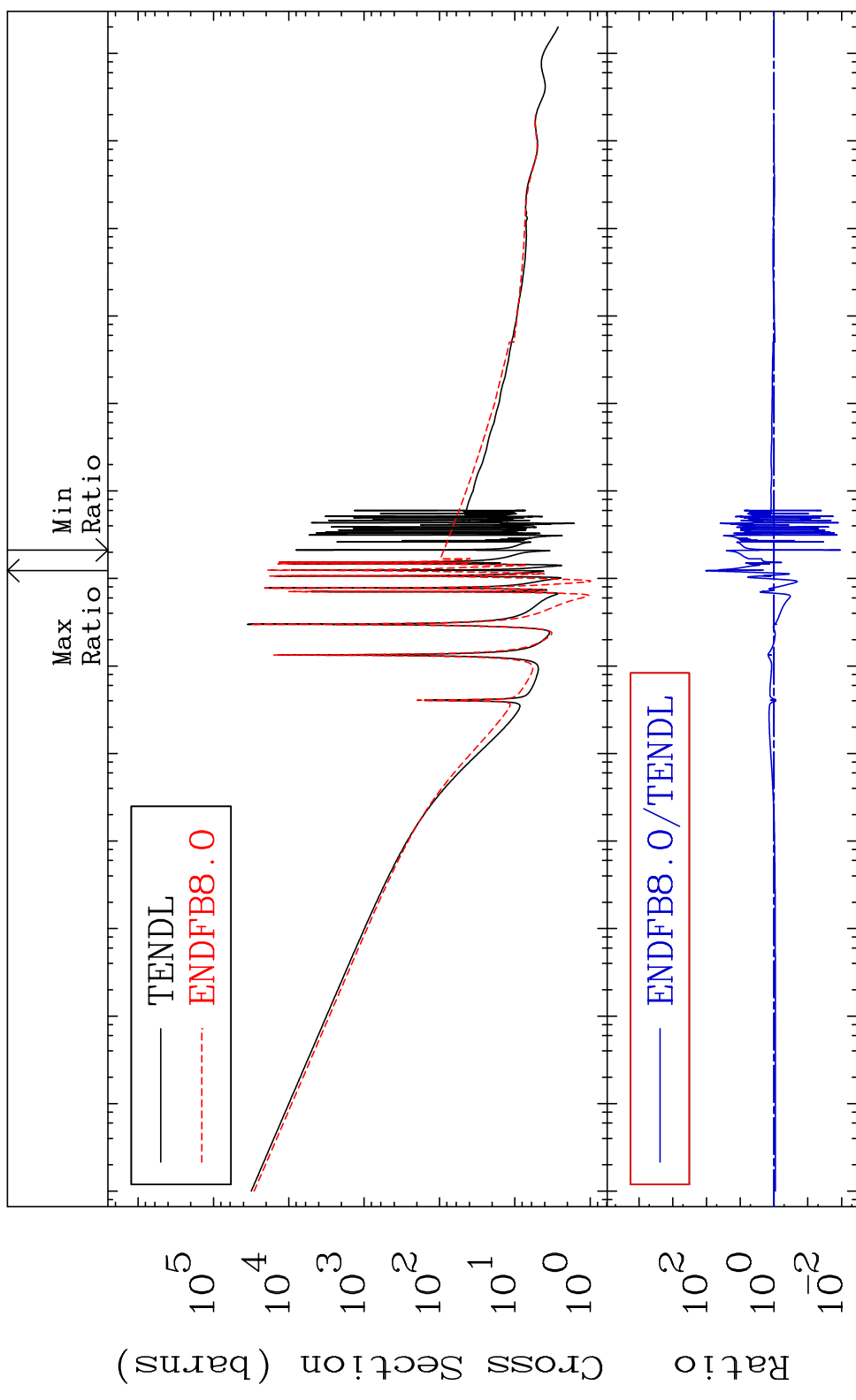
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7225

Total Cross Section -98.92 To 9999. %
72-Hf-174

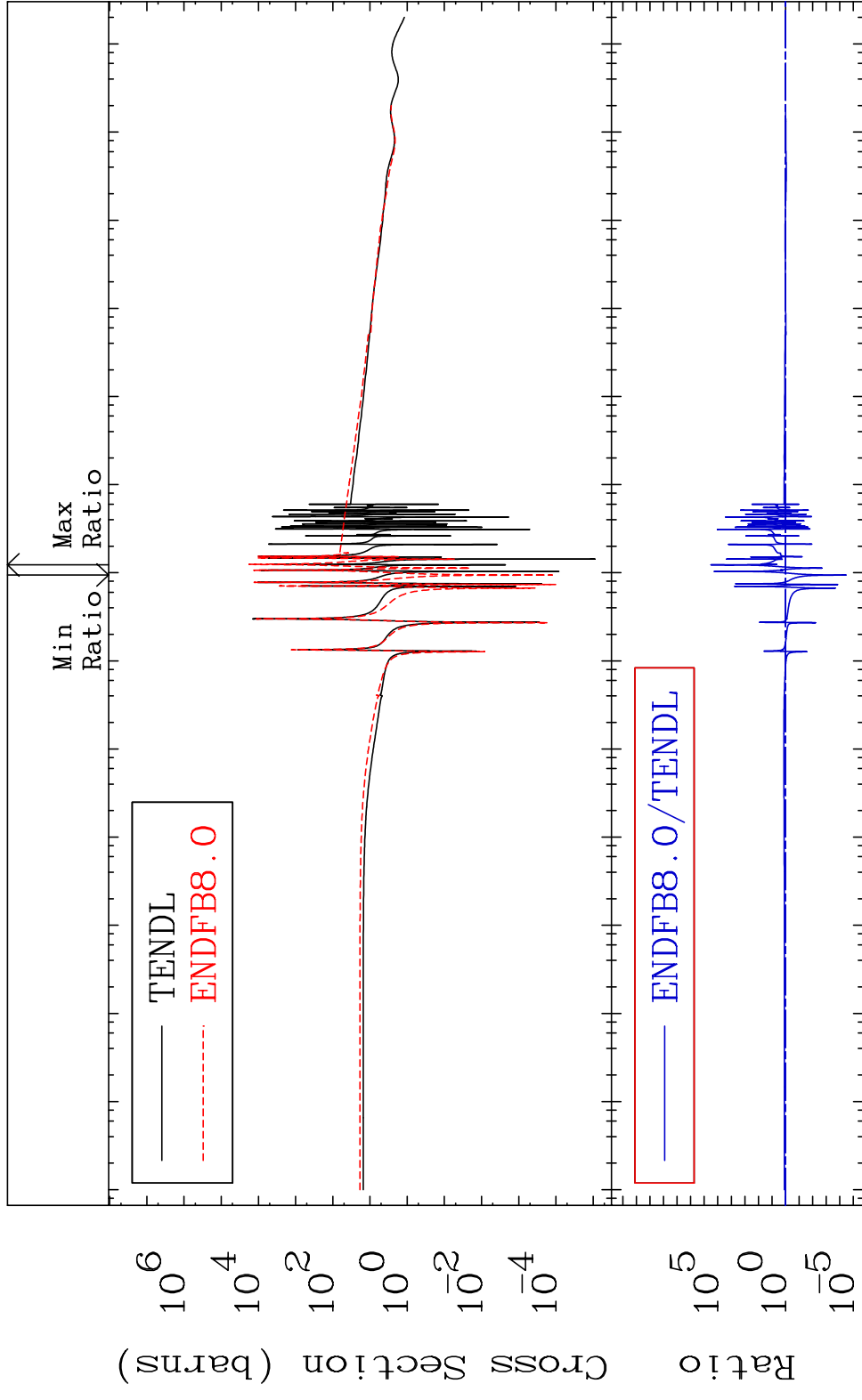


MAT 7225

72-Hf-174

Elastic

Cross Section -100.0 To 9999. %

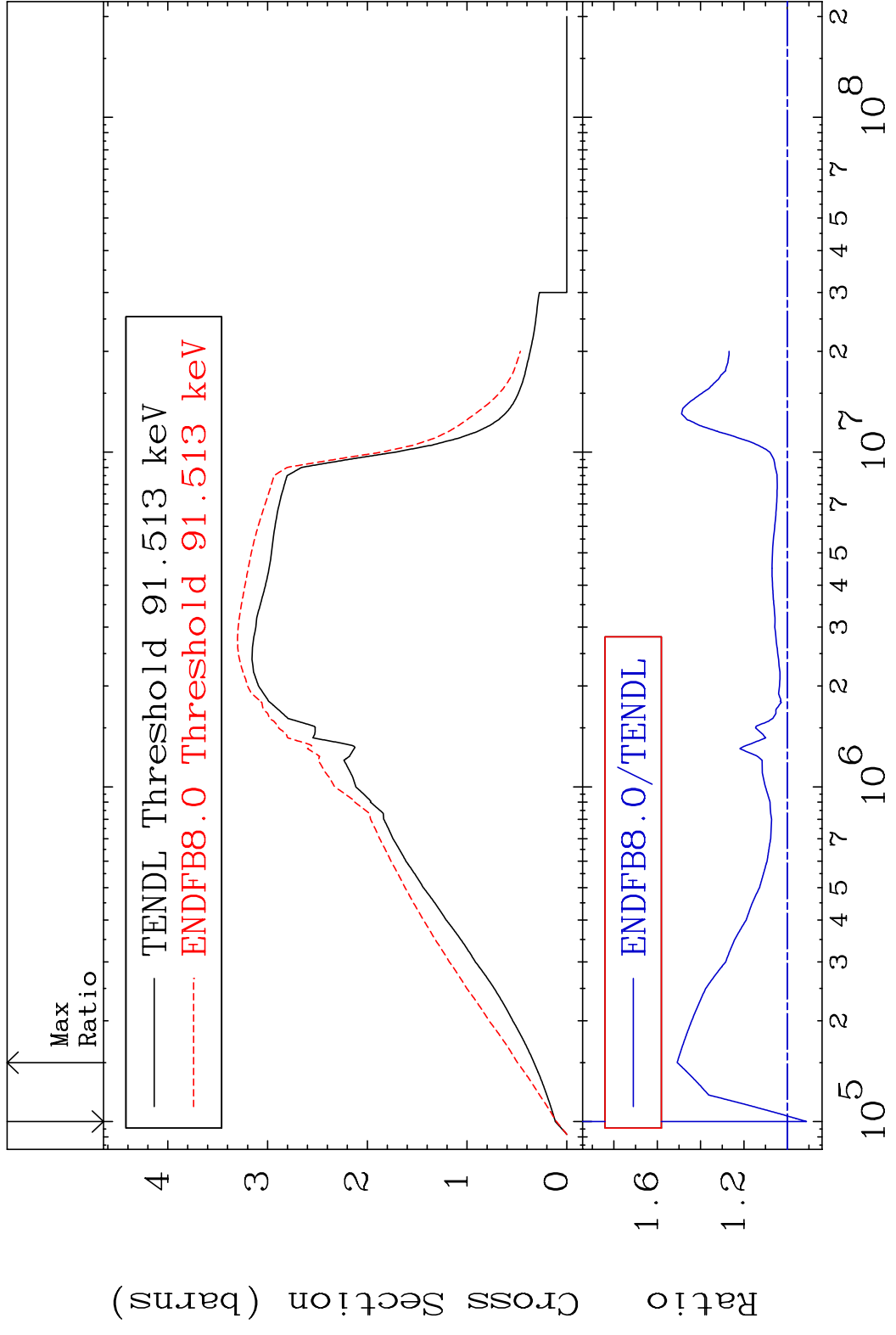


2

Incident Energy (eV)

72-Hf-174

MAT 7225 Inelastic 72-Hf-174
 Cross Section -8.858 To 50.80 %



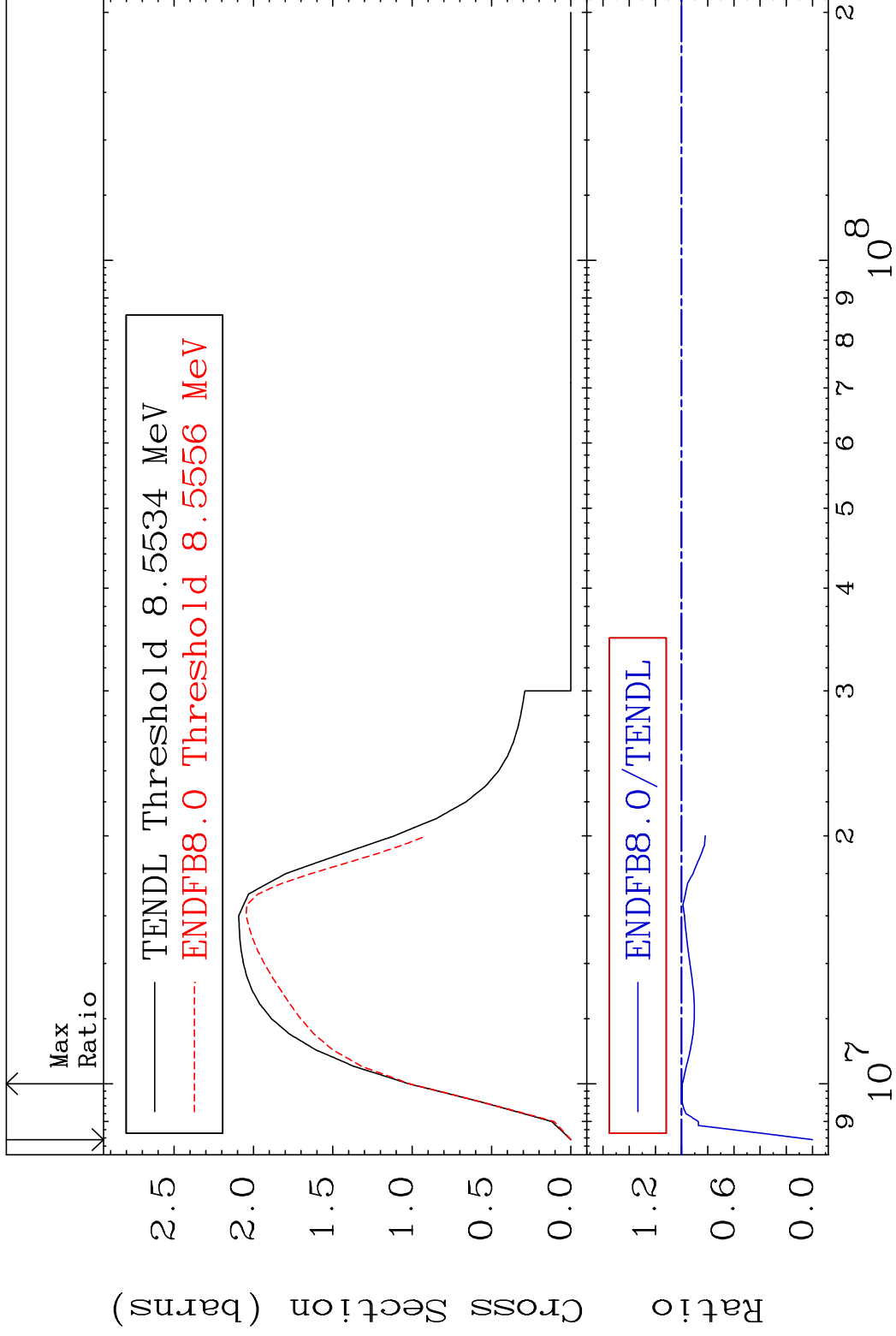
3 Incident Energy (eV) 72-Hf-174

MAT 7225

(n,2n)

72-Hf-174

Cross Section -100.0 To -0.422%



4

Incident Energy (eV)

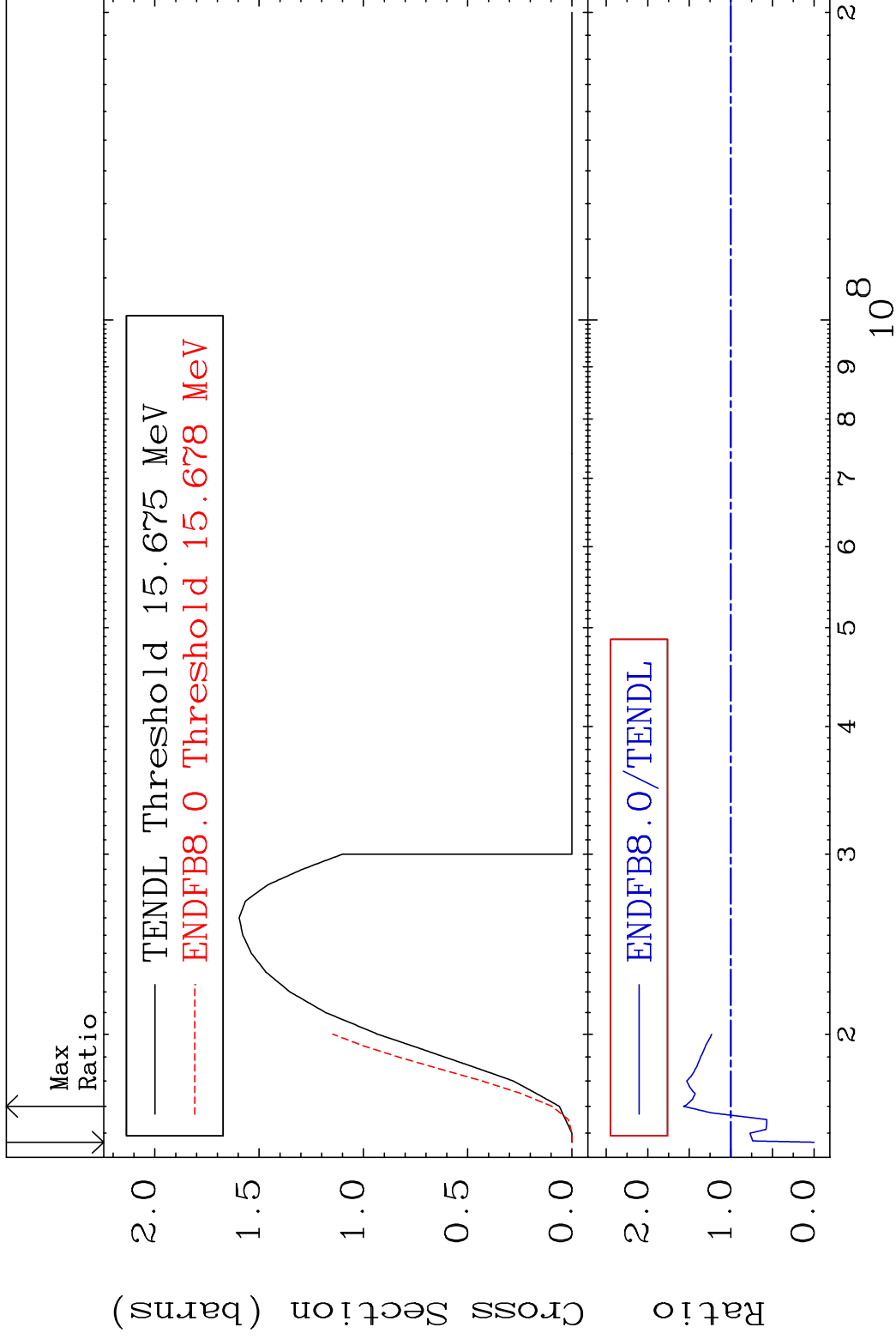
72-Hf-174

MAT 7225

(n,3n)

72-Hf-174

Cross Section -100.0 To 57.05 %



5

Incident Energy (eV)

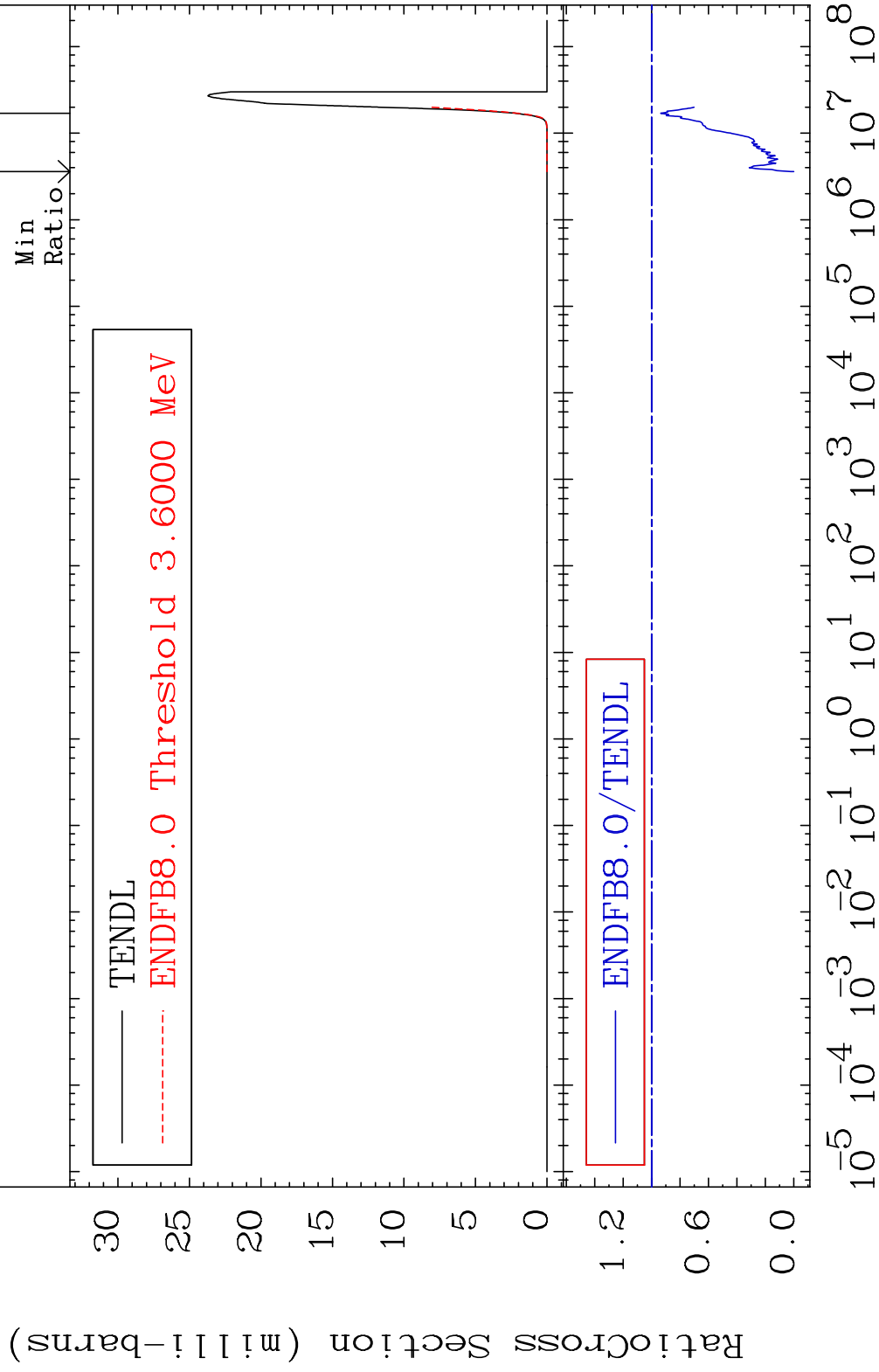
72-Hf-174

MAT 7225

(n, n') α

72-Hf-174

Cross Section -100.0 To -6.349%



6

Incident Energy (eV)

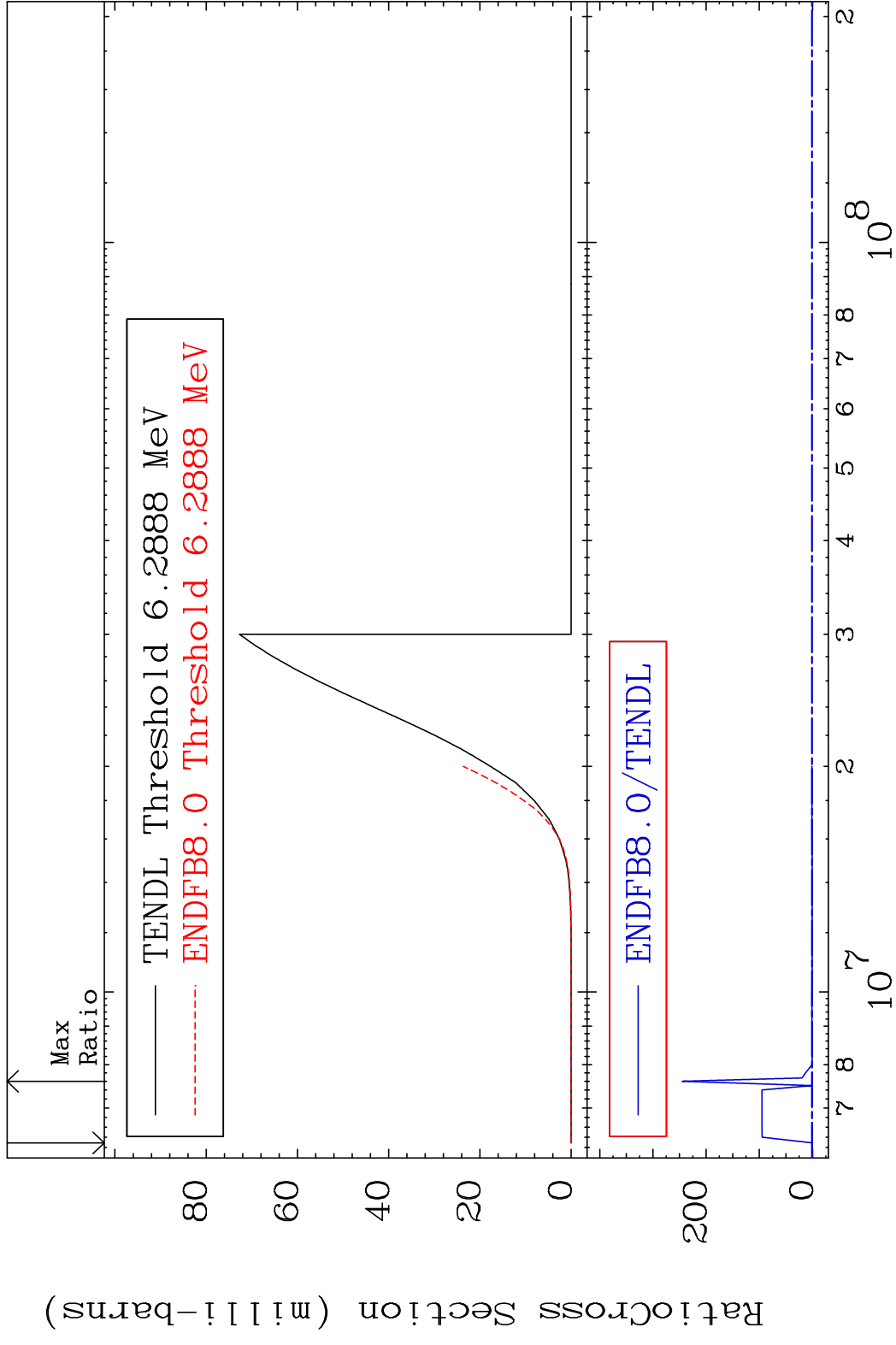
72-Hf-174

MAT 7225

72-Hf-174

(n, n') p

Cross Section -100.0 To 9999. %

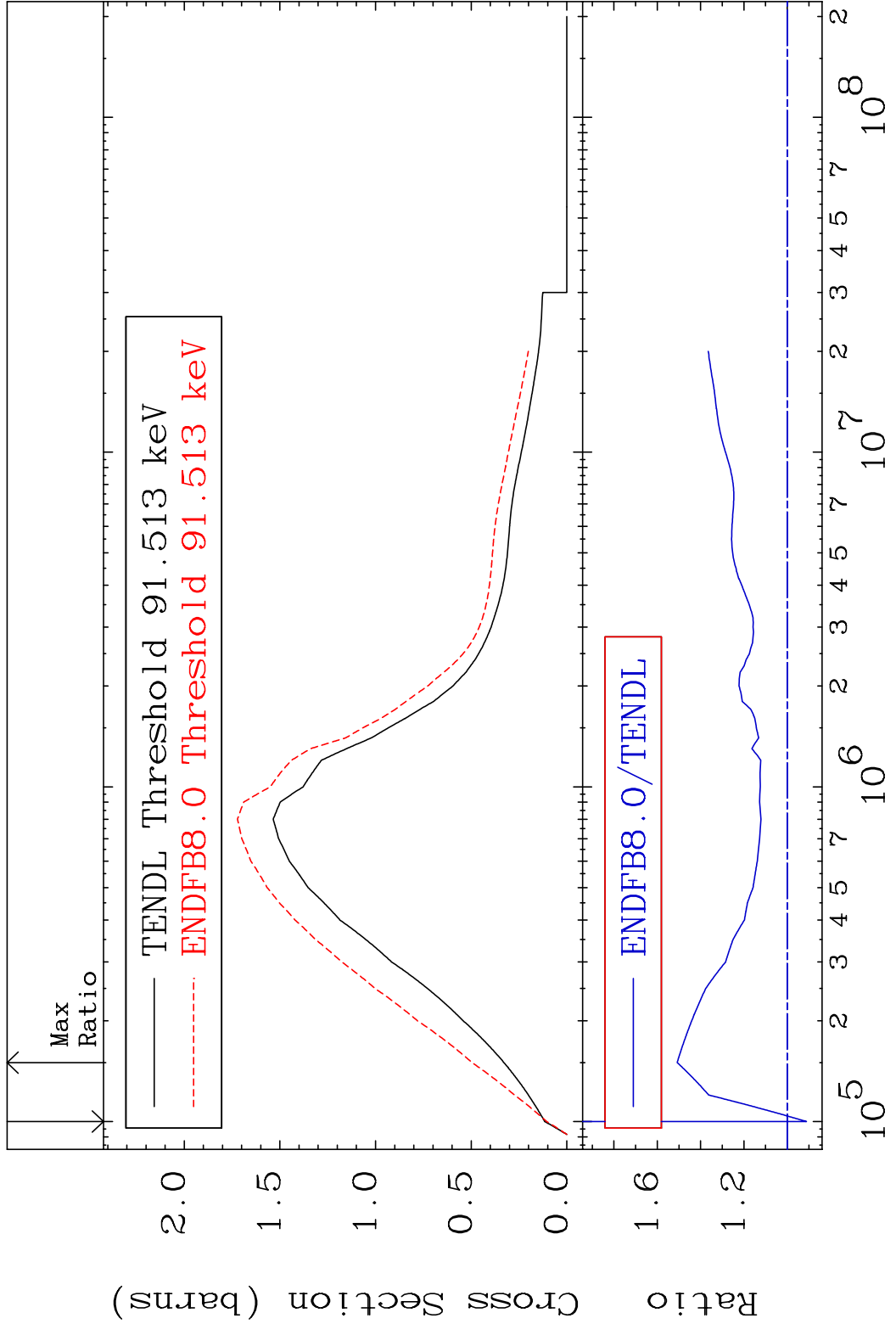


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Incident Energy (eV)

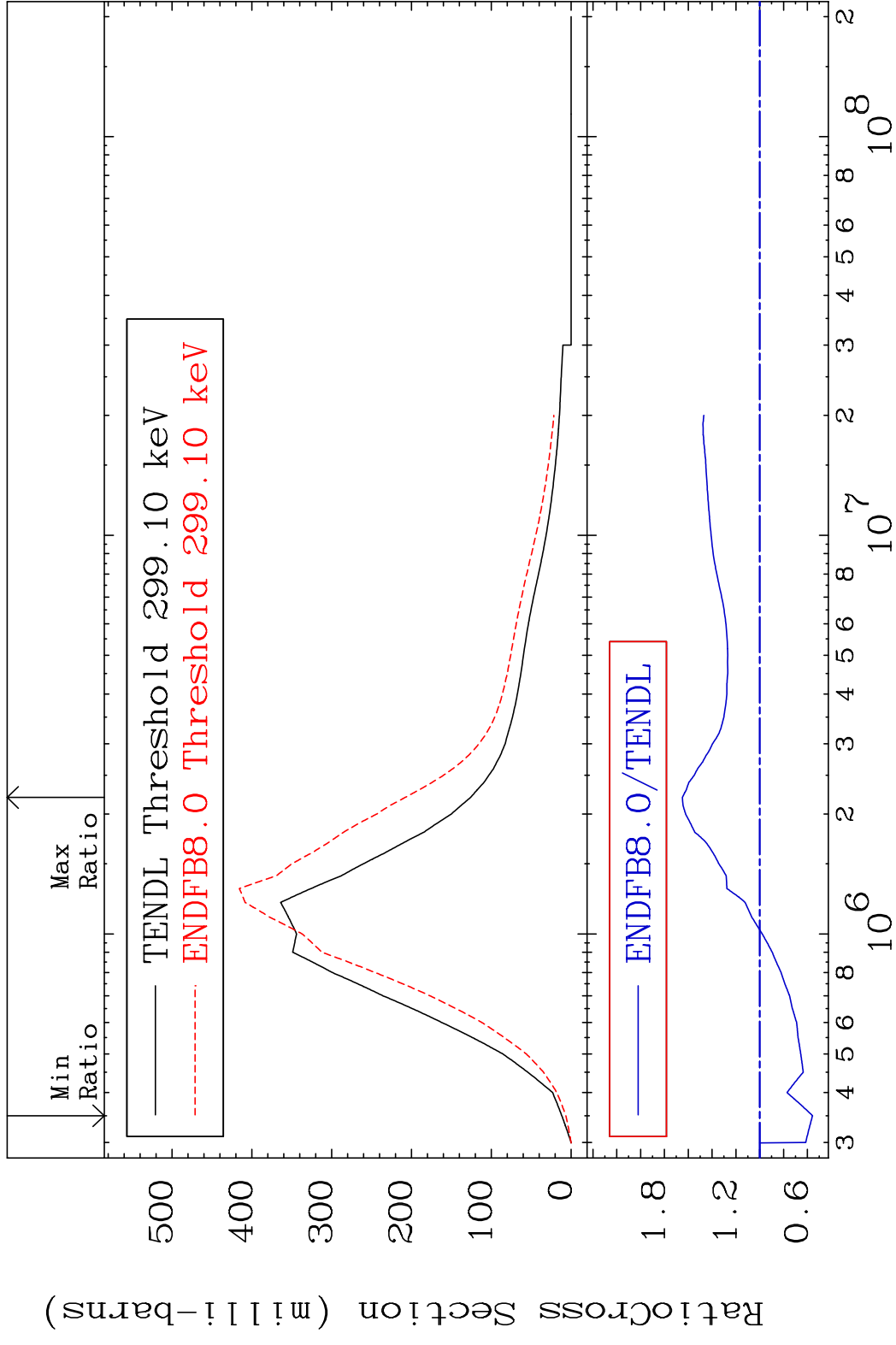
72-Hf-174

MAT 7225 MT= 51 (n,n') Level 72-Hf-174
 Cross Section -8.858 To 50.80 %

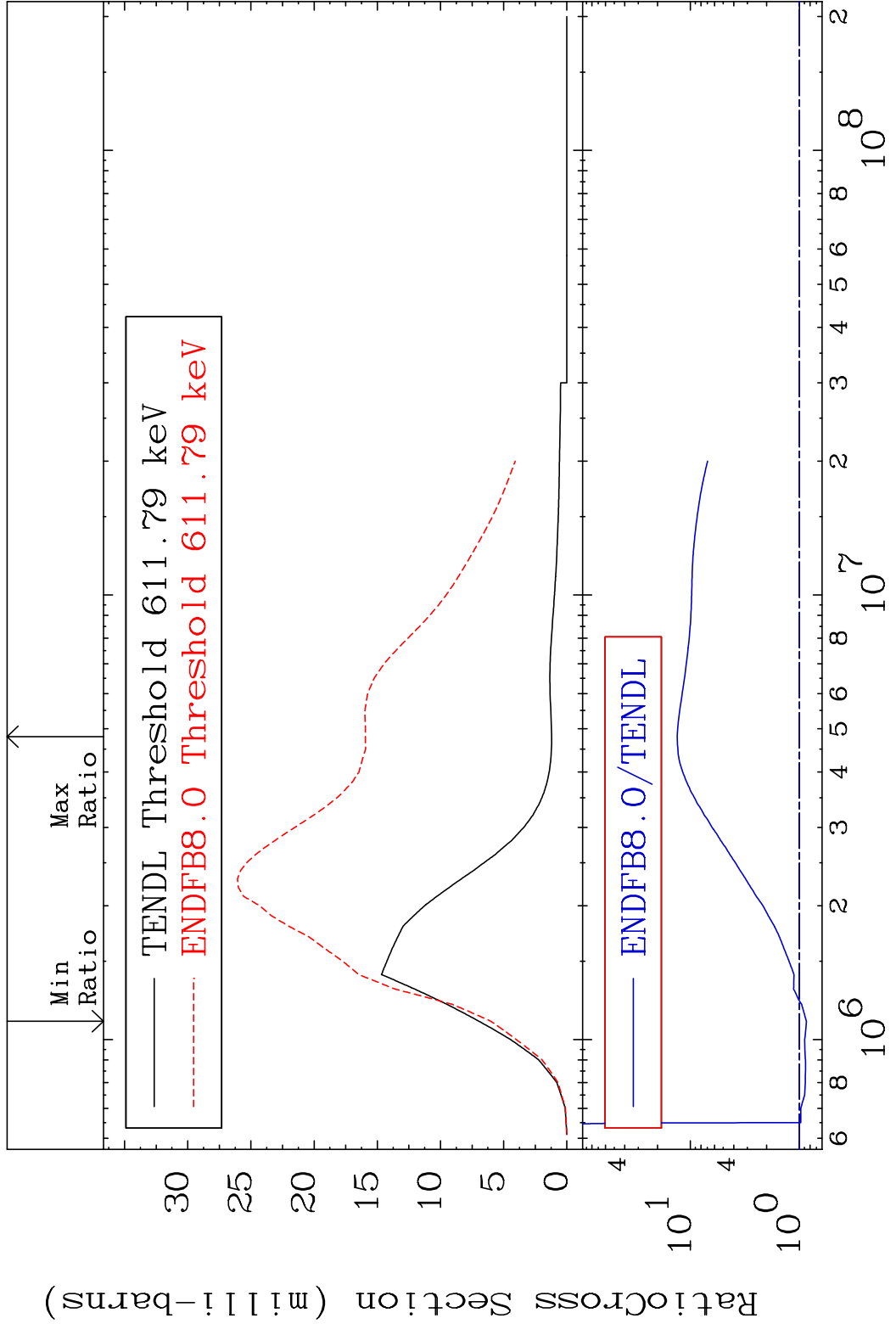


8 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 52 (n,n') Level 72-Hf-174
 Cross Section -44.35 To 64.94 %

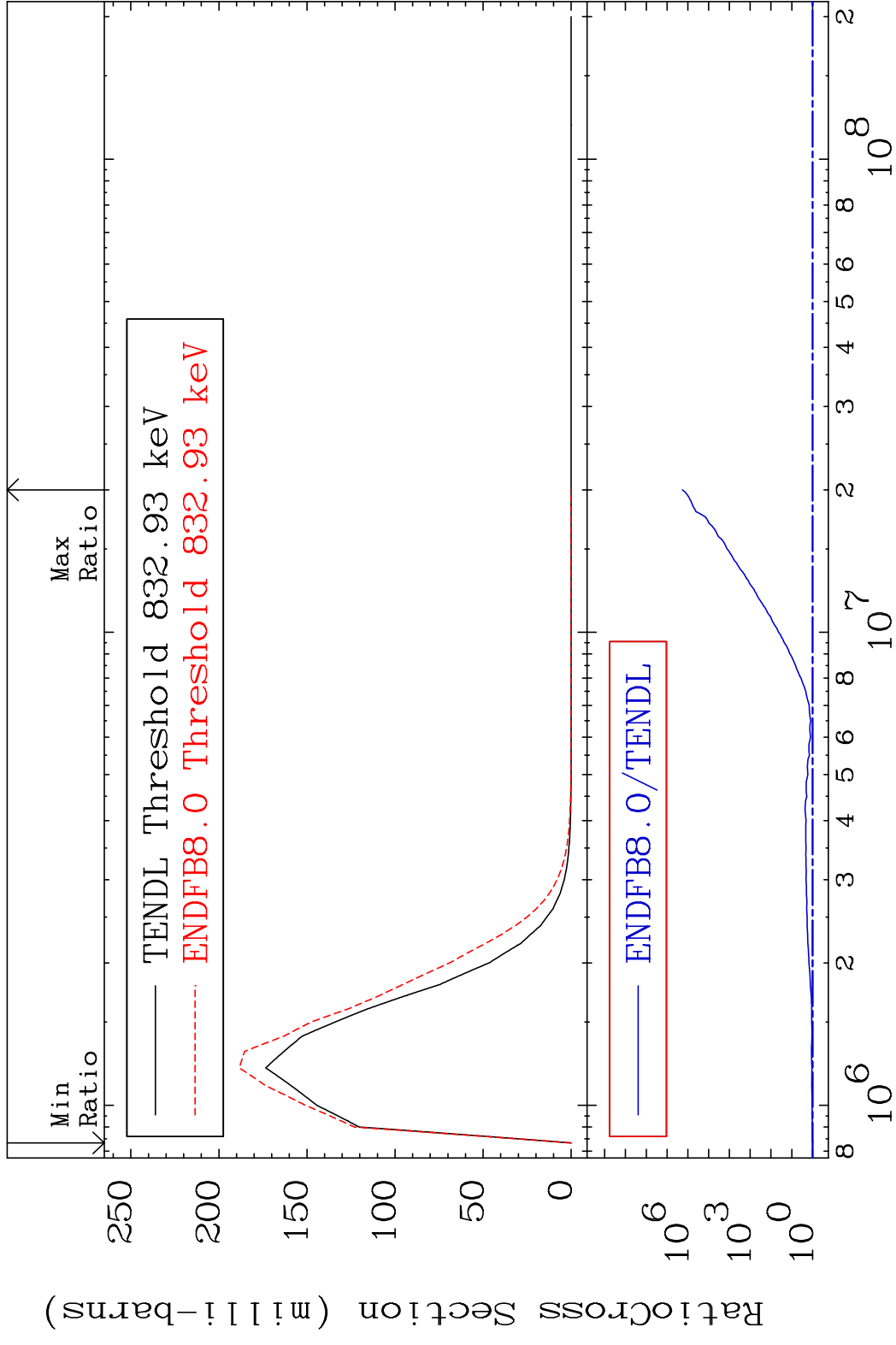


MAT 7225 MT= 53 (n, n') Level 72-Hf-174
 Cross Section -13.62 To 1223. %



10 Incident Energy (eV) 72-Hf-174

MAT 7225 MT= 54 (n, n') Level 72-Hf-174
 Cross Section 0.000 To 9999. %



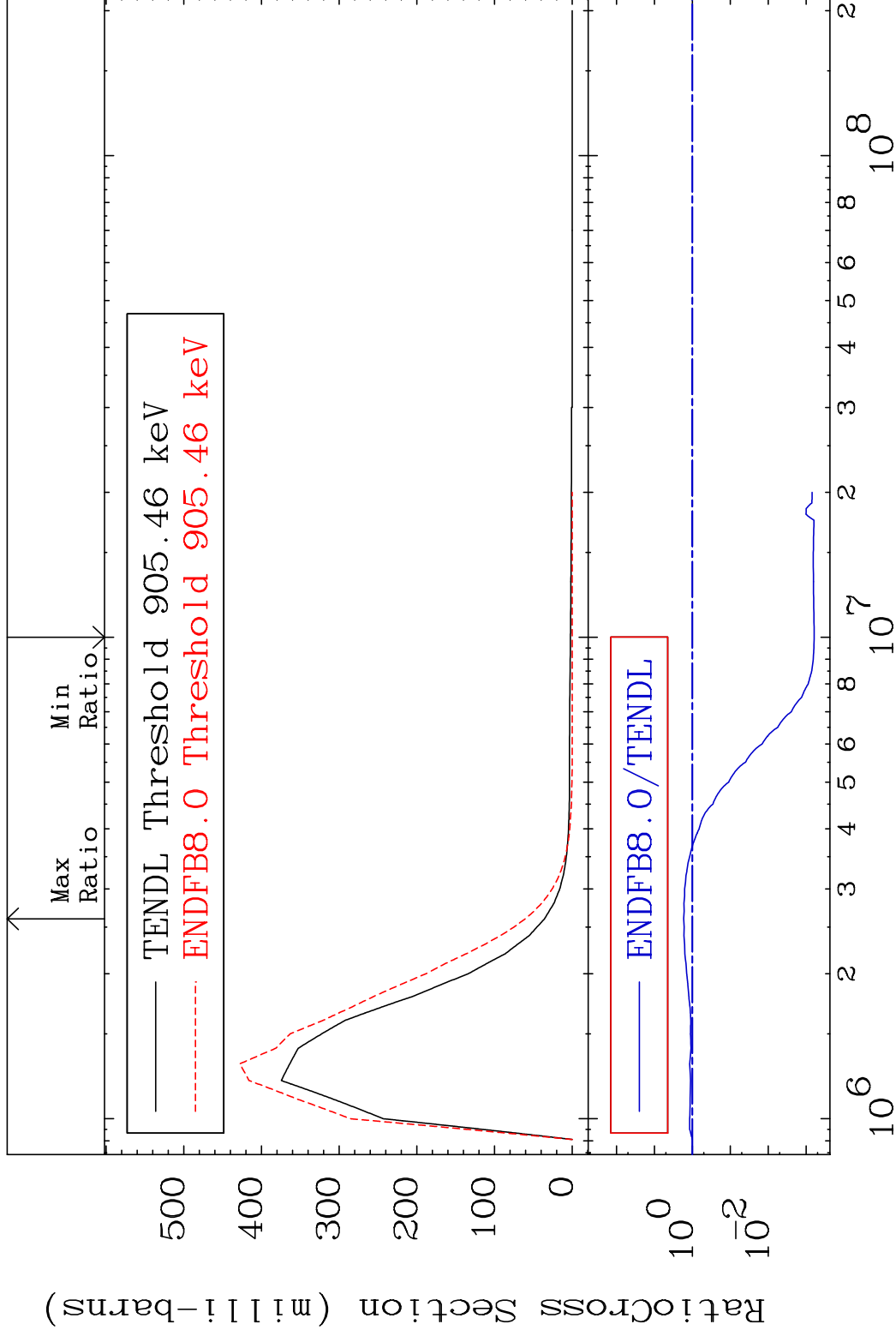
11 Incident Energy (eV) 72-Hf-174

MAT 7225

MT= 55 (n, n') Level

72-Hf-174

Cross Section -99.94 To 69.65 %

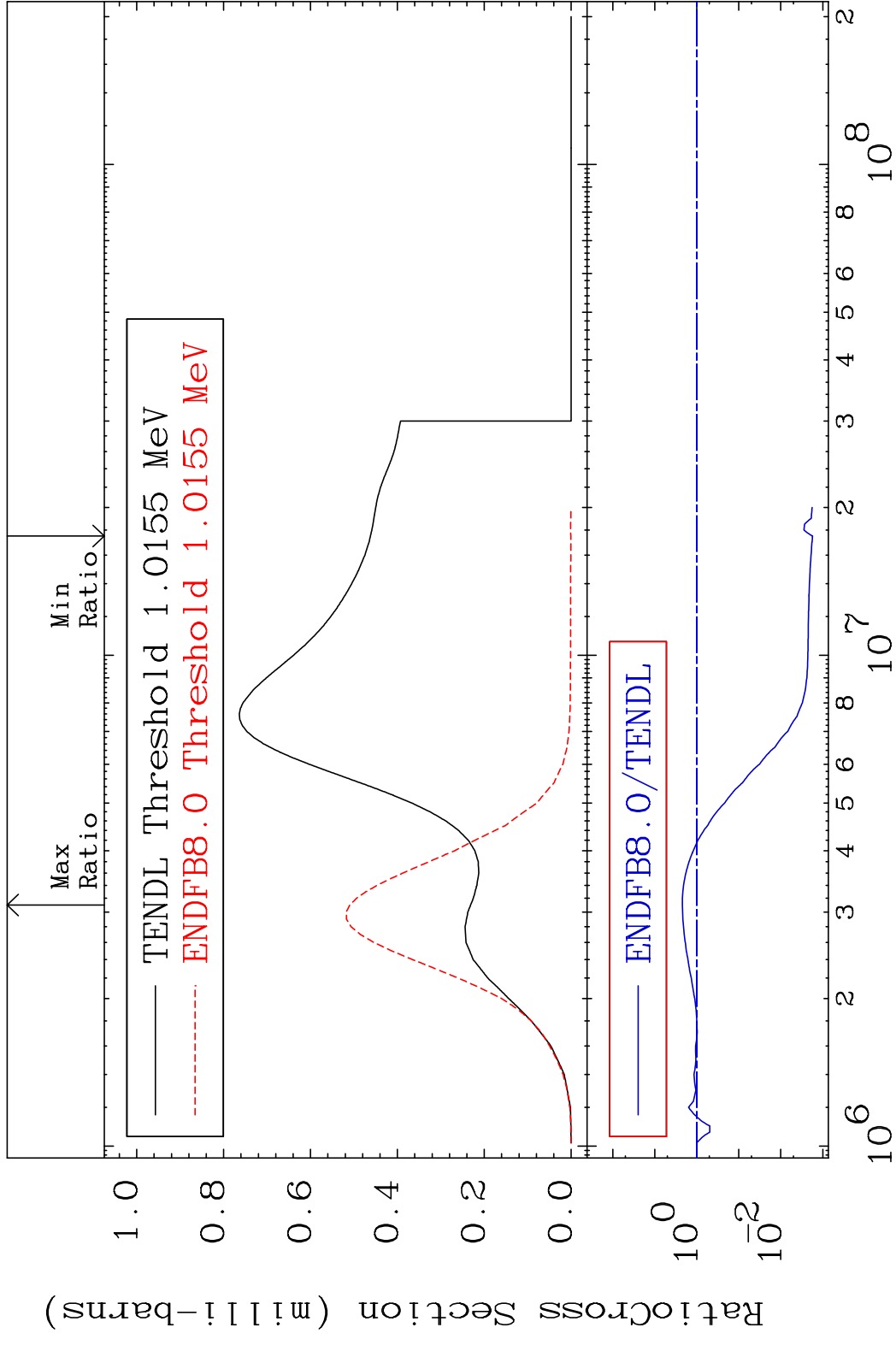


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Incident Energy (eV)

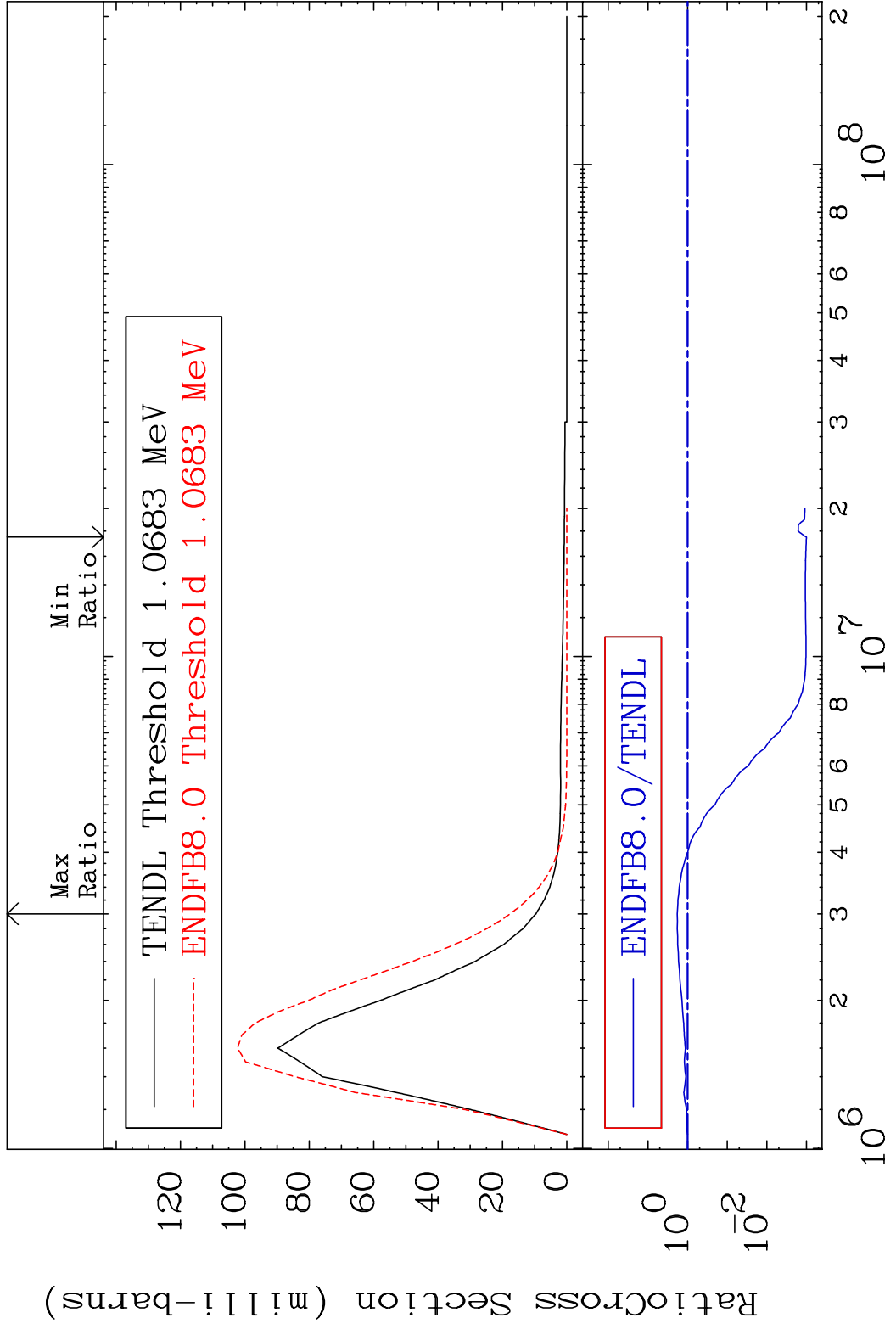
72-Hf-174

MAT 7225 MT= 56 (n, n') Level 72-Hf-174
 Cross Section -99.82 To 120.1 %

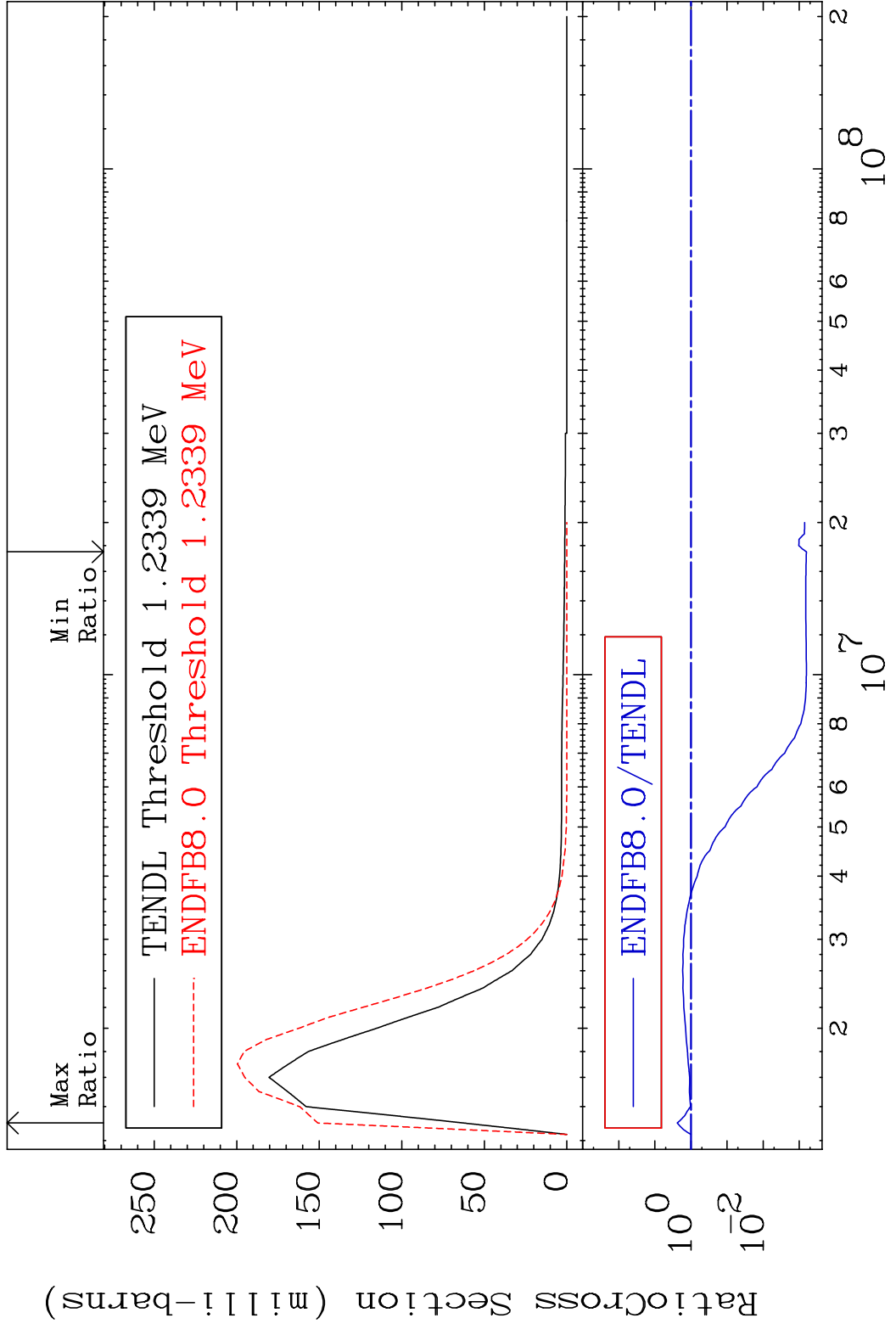


13 Incident Energy (eV) 72-Hf-174

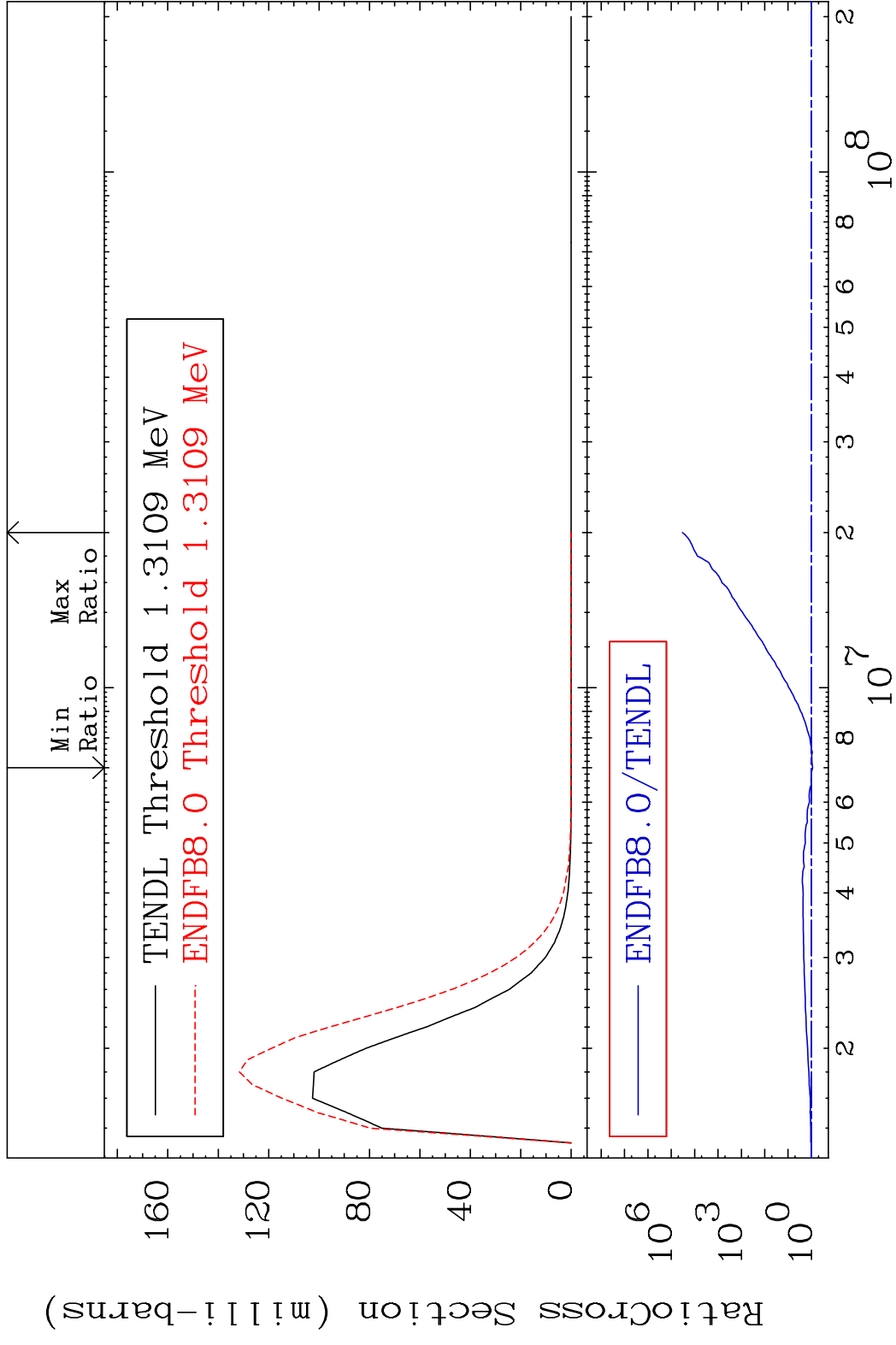
MAT 7225 MT= 57 (n, n') Level 72-Hf-174
 Cross Section -99.90 To 82.92 %



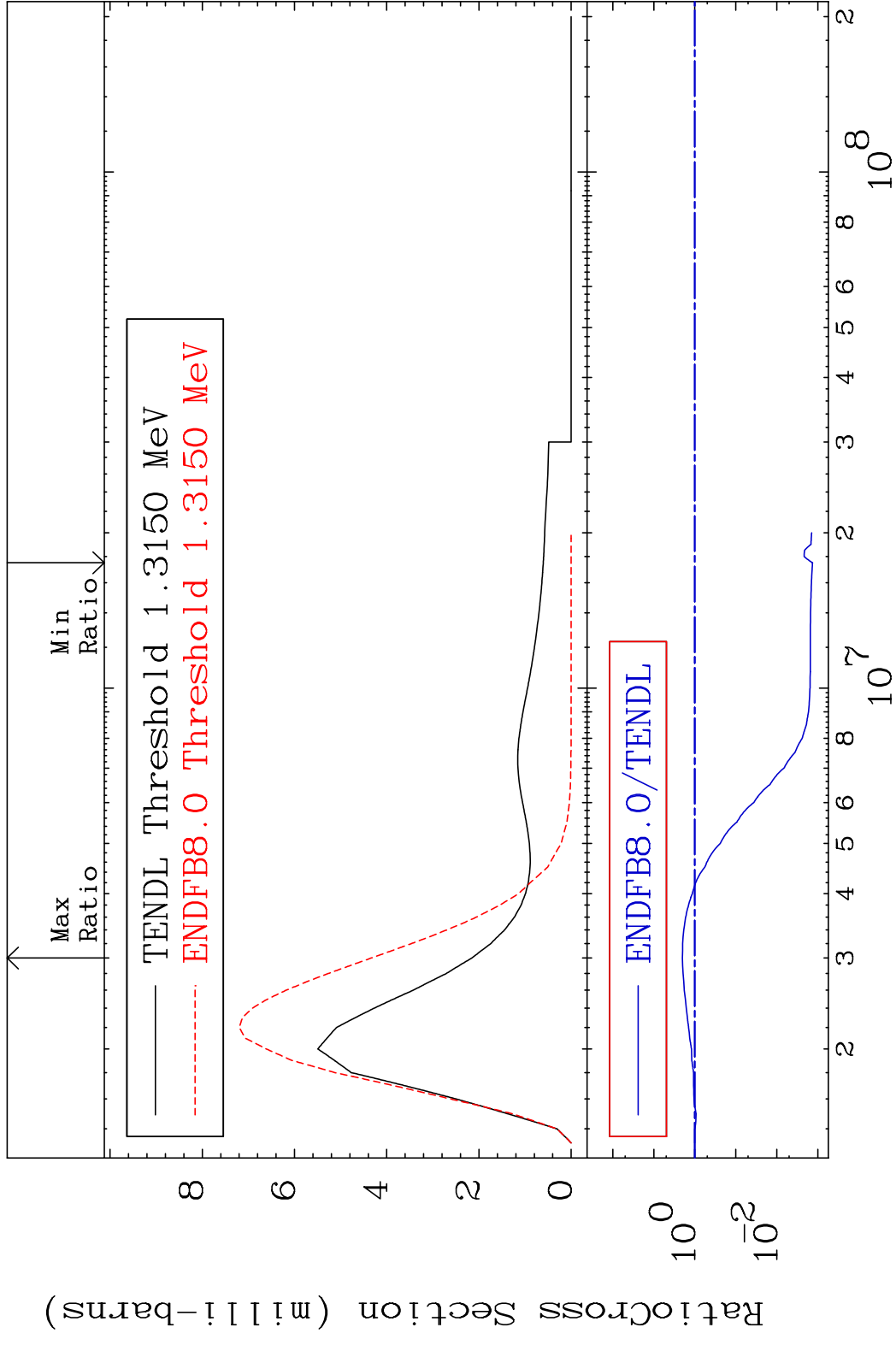
MAT 7225 MT= 58 (n, n') Level 72-Hf-174
 Cross Section -99.94 To 140.2 %



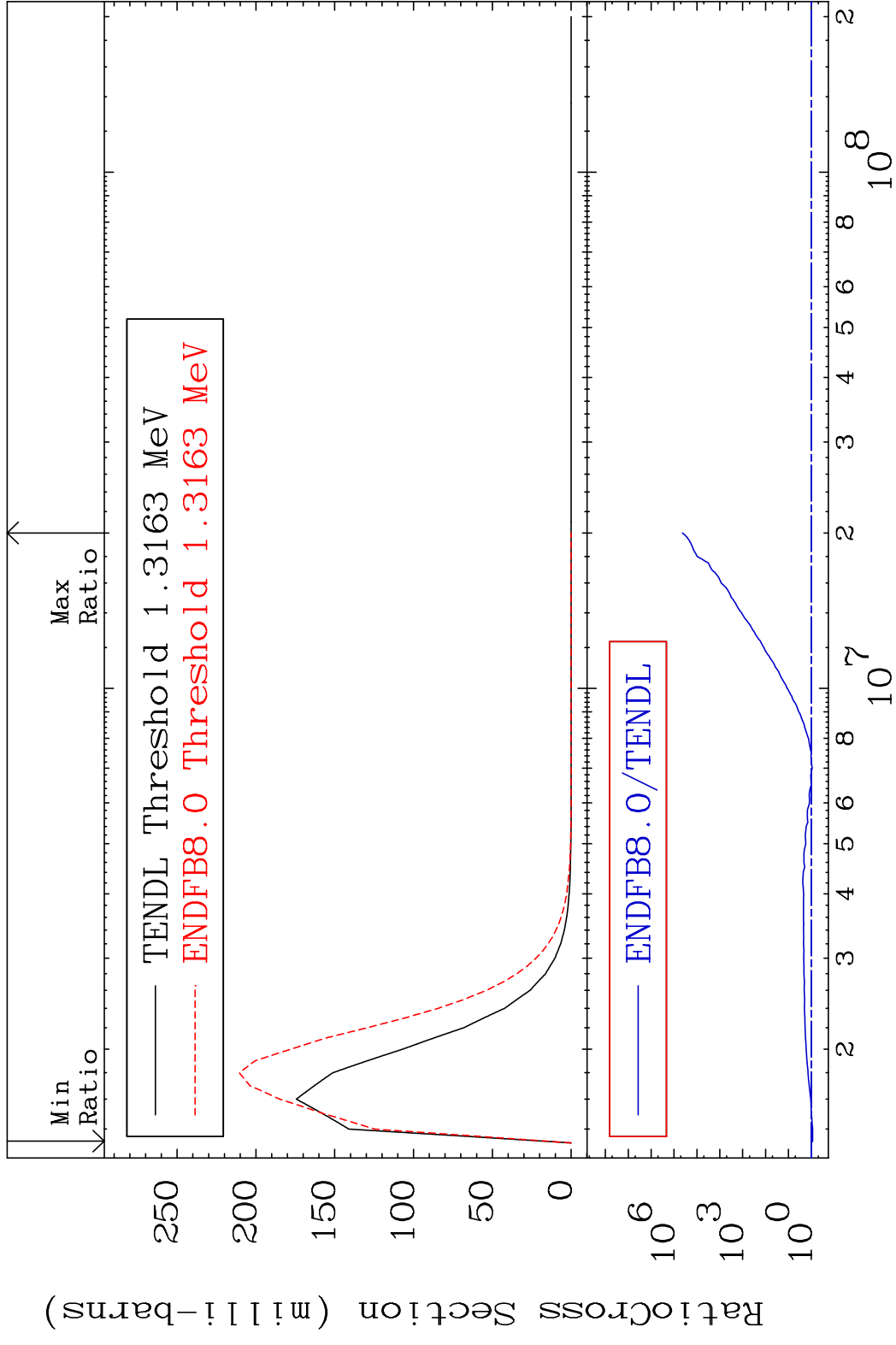
MAT 7225 MT= 59 (n, n') Level 72-Hf-174
 Cross Section -10.43 To 9999. %



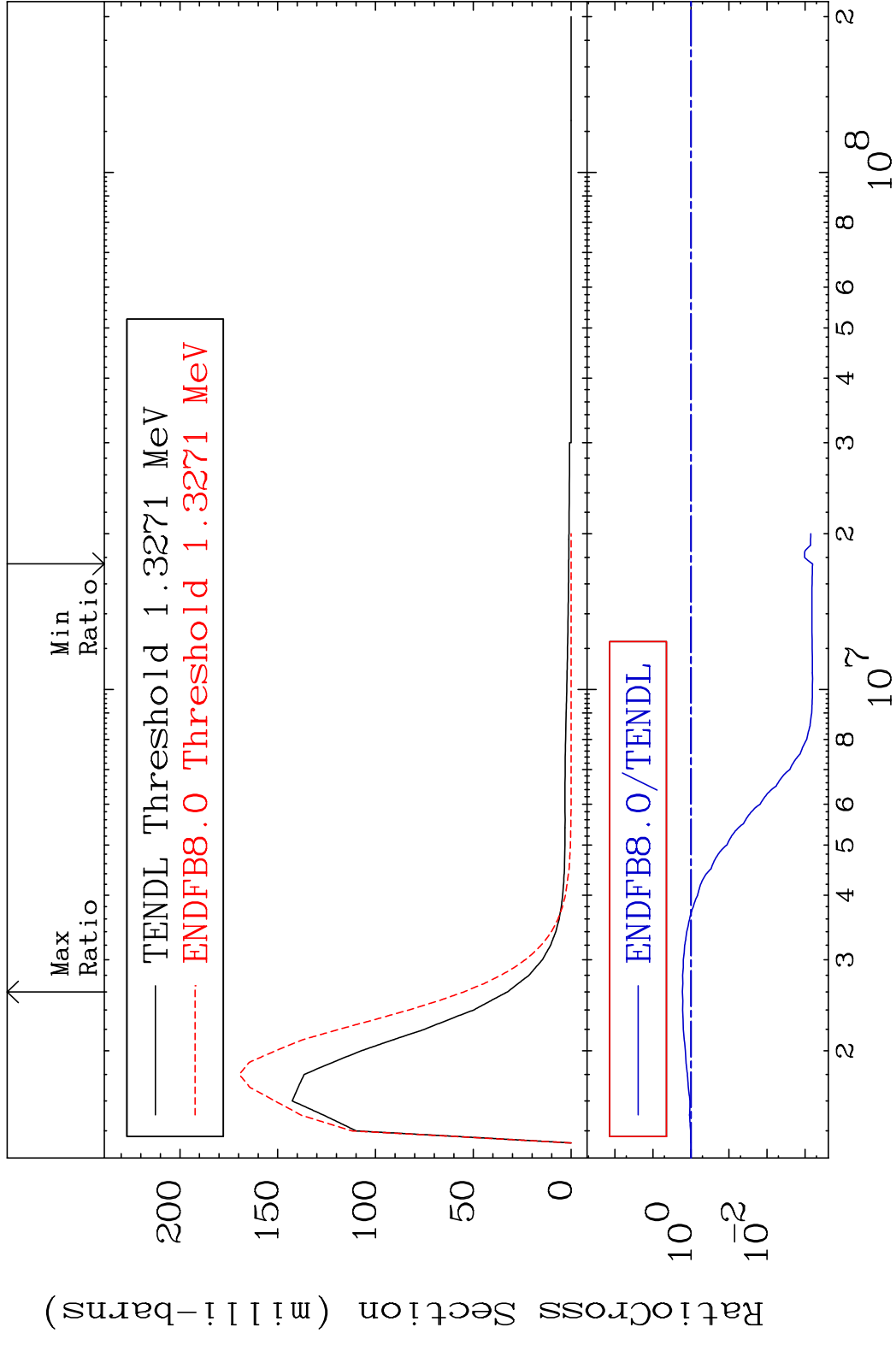
MAT 7225 MT= 60 (n, n') Level 72-Hf-174
 Cross Section -99.87 To 101.3 %



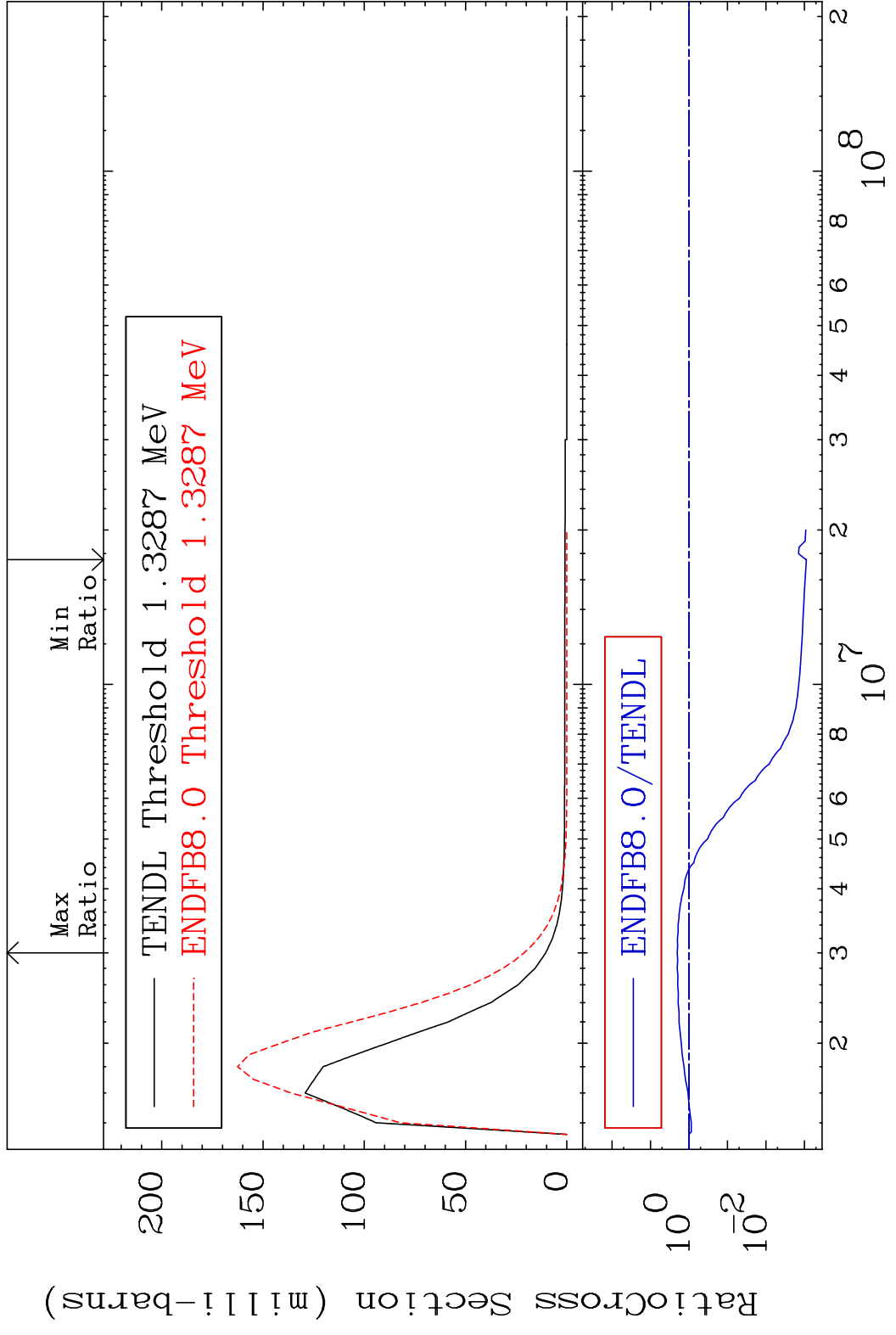
MAT 7225 MT= 61 (n, n') Level 72-Hf-174
 Cross Section -11.56 To 9999. %



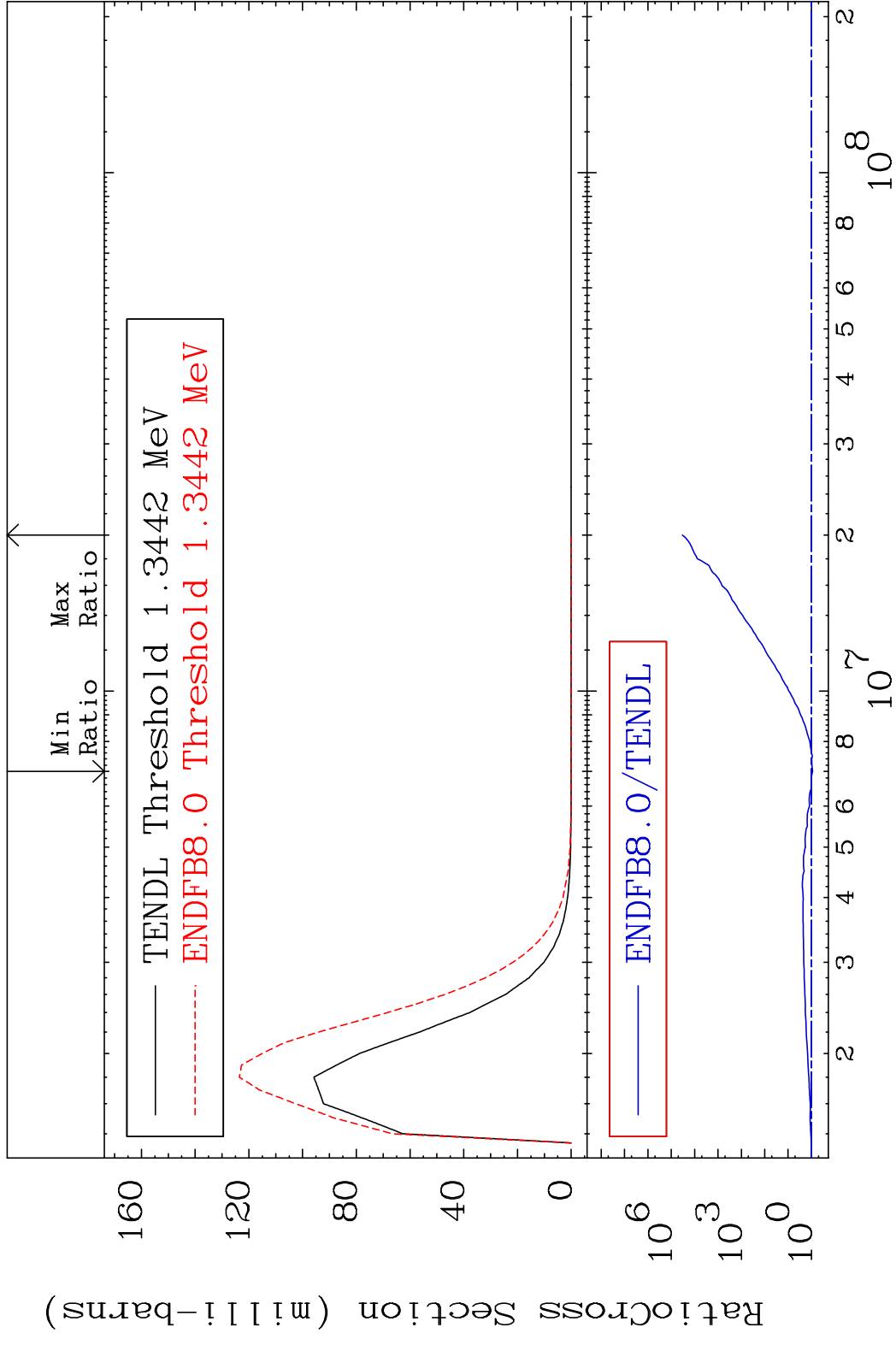
MAT 7225 MT= 62 (n, n') Level 72-Hf-174
 Cross Section -99.94 To 68.67 %



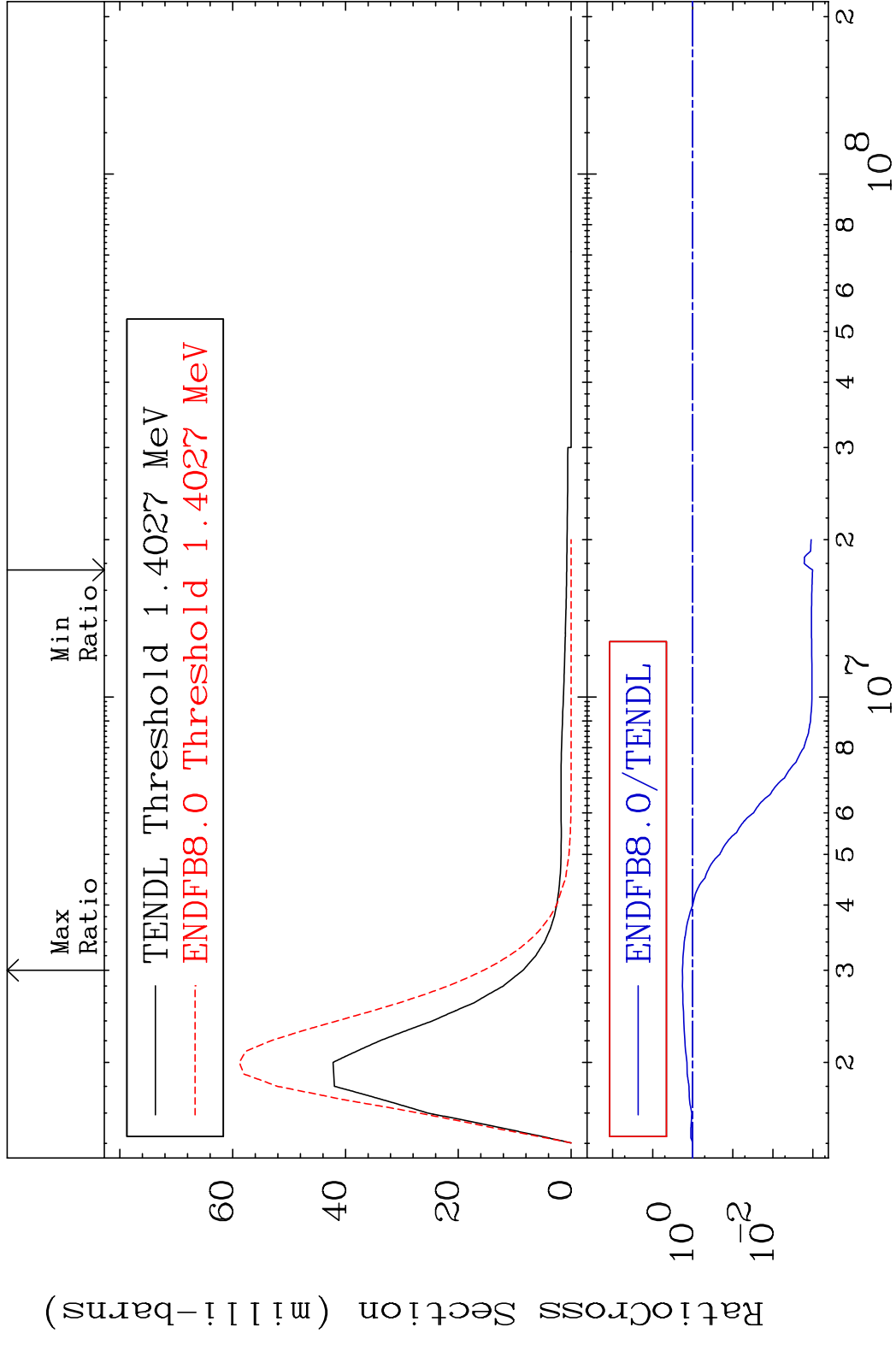
MAT 7225 MT= 63 (n, n') Level 72-Hf-174
 Cross Section -99.91 To 103.1 %



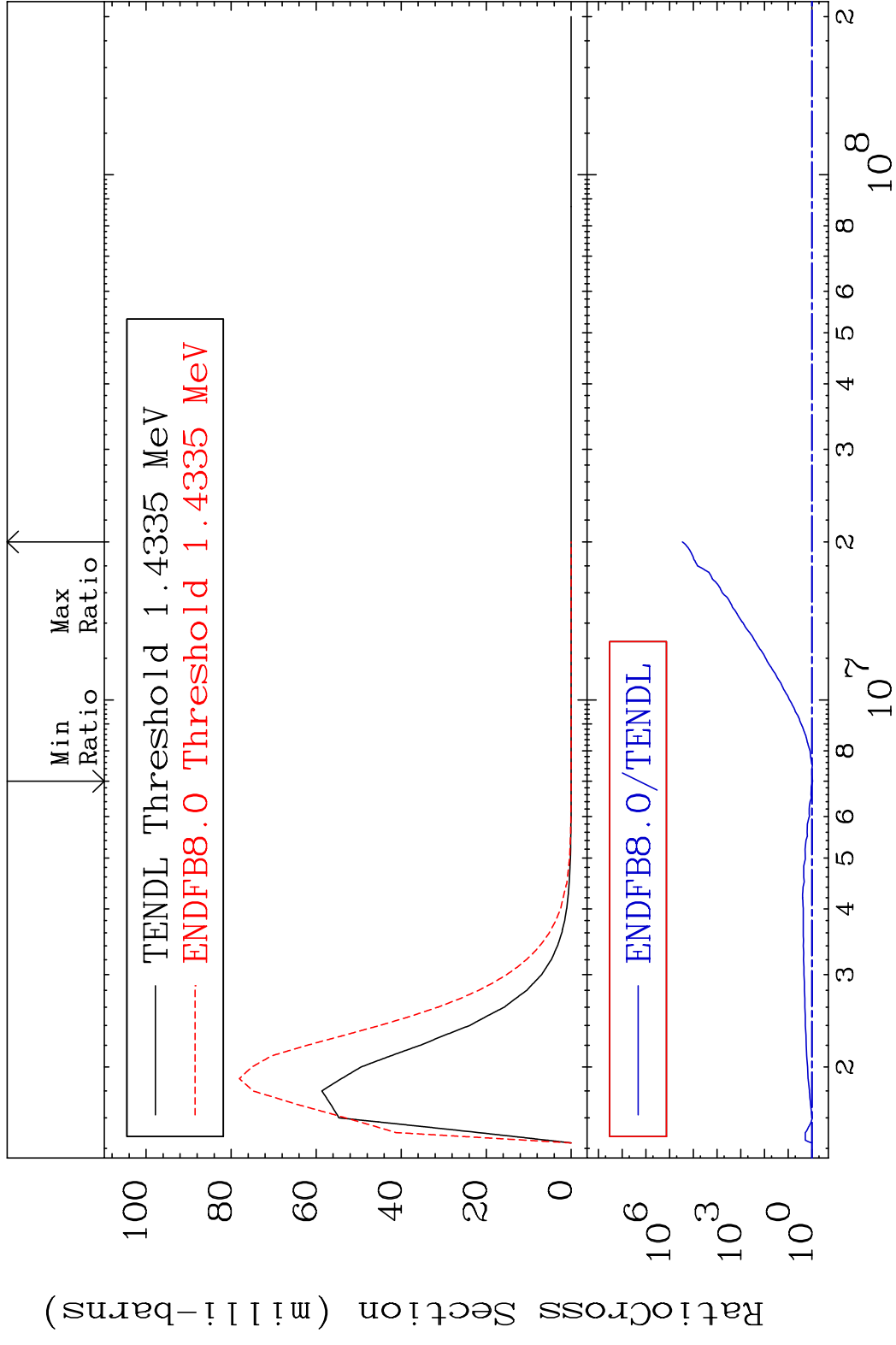
MAT 7225 MT= 64 (n, n') Level 72-Hf-174
 Cross Section -10.40 To 9999. %



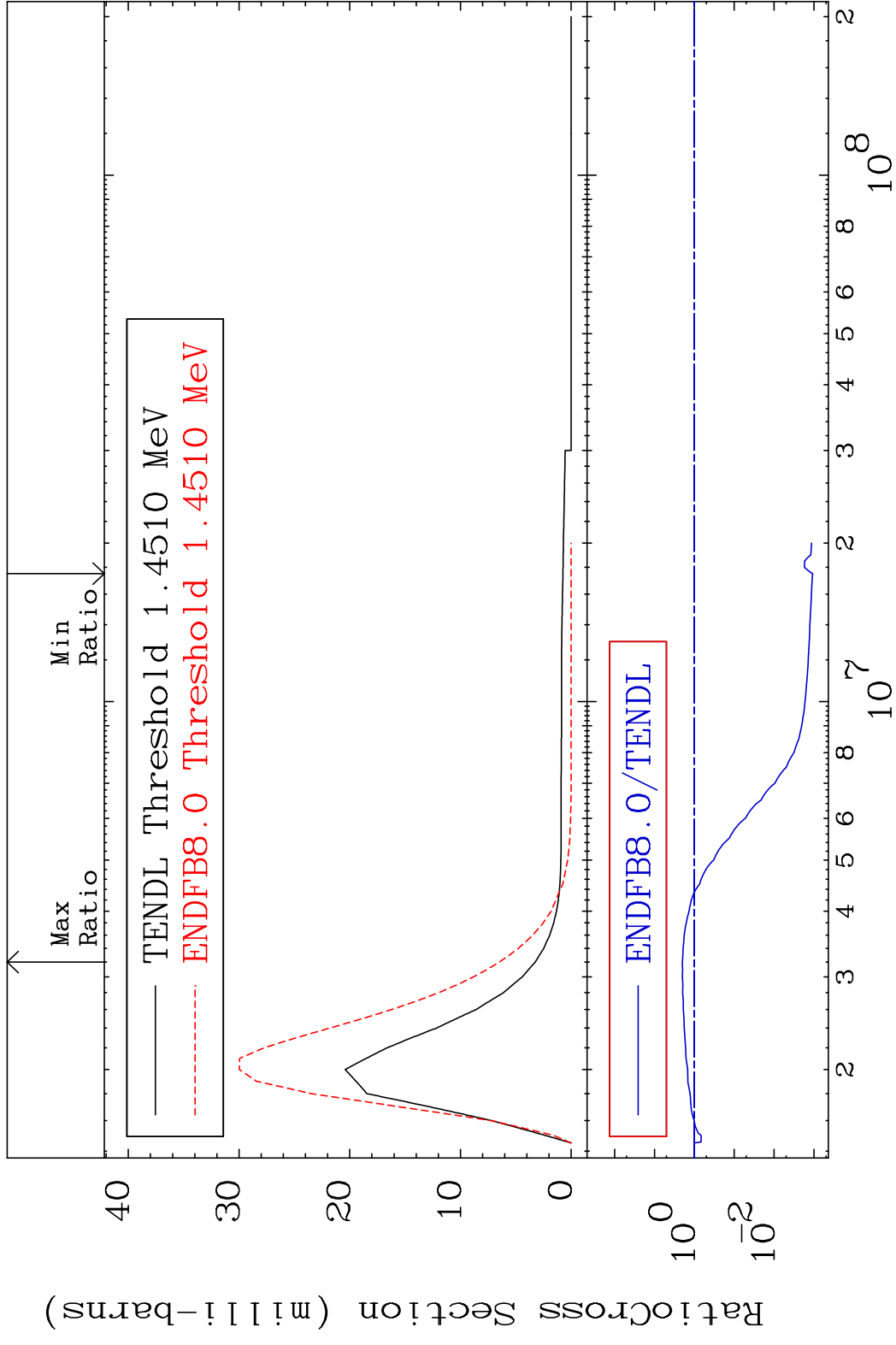
MAT 7225 MT= 65 (n,n') Level 72-Hf-174
 Cross Section -99.90 To 81.94 %



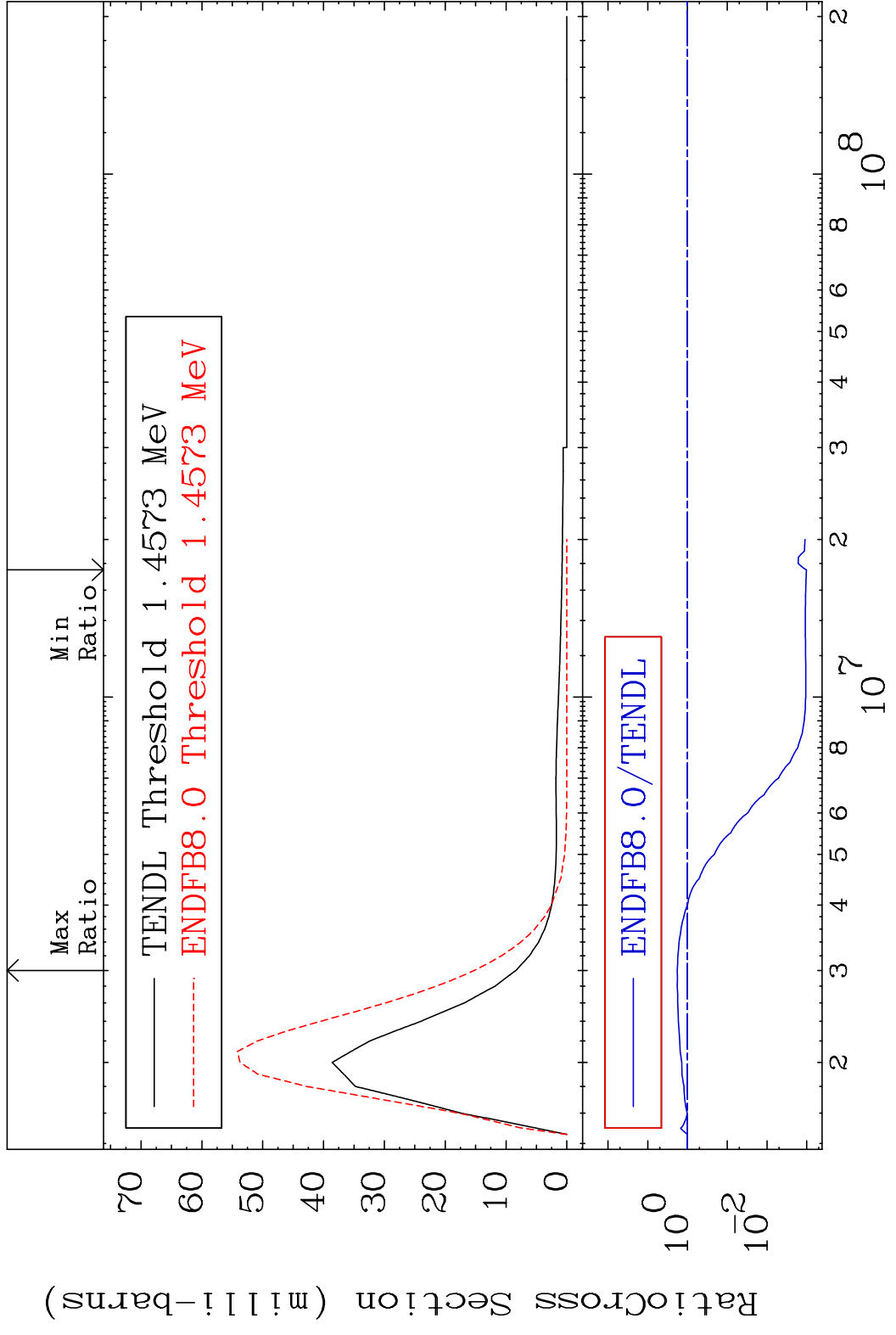
MAT 7225 MT= 66 (n, n') Level 72-Hf-174
 Cross Section -5.976 To 9999. %



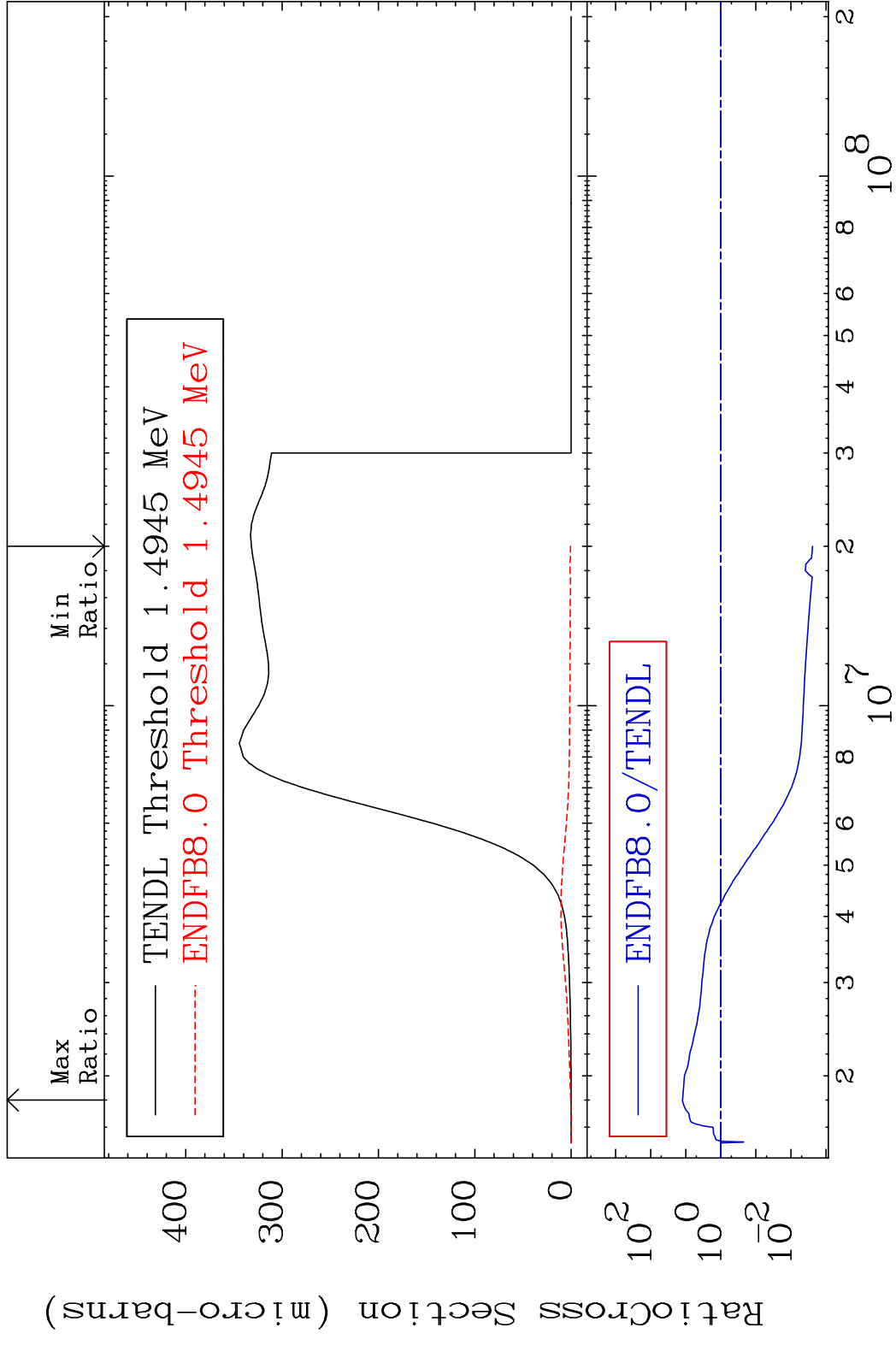
MAT 7225 MT= 67 (n, n') Level 72-Hf-174
 Cross Section -99.89 To 99.98 %



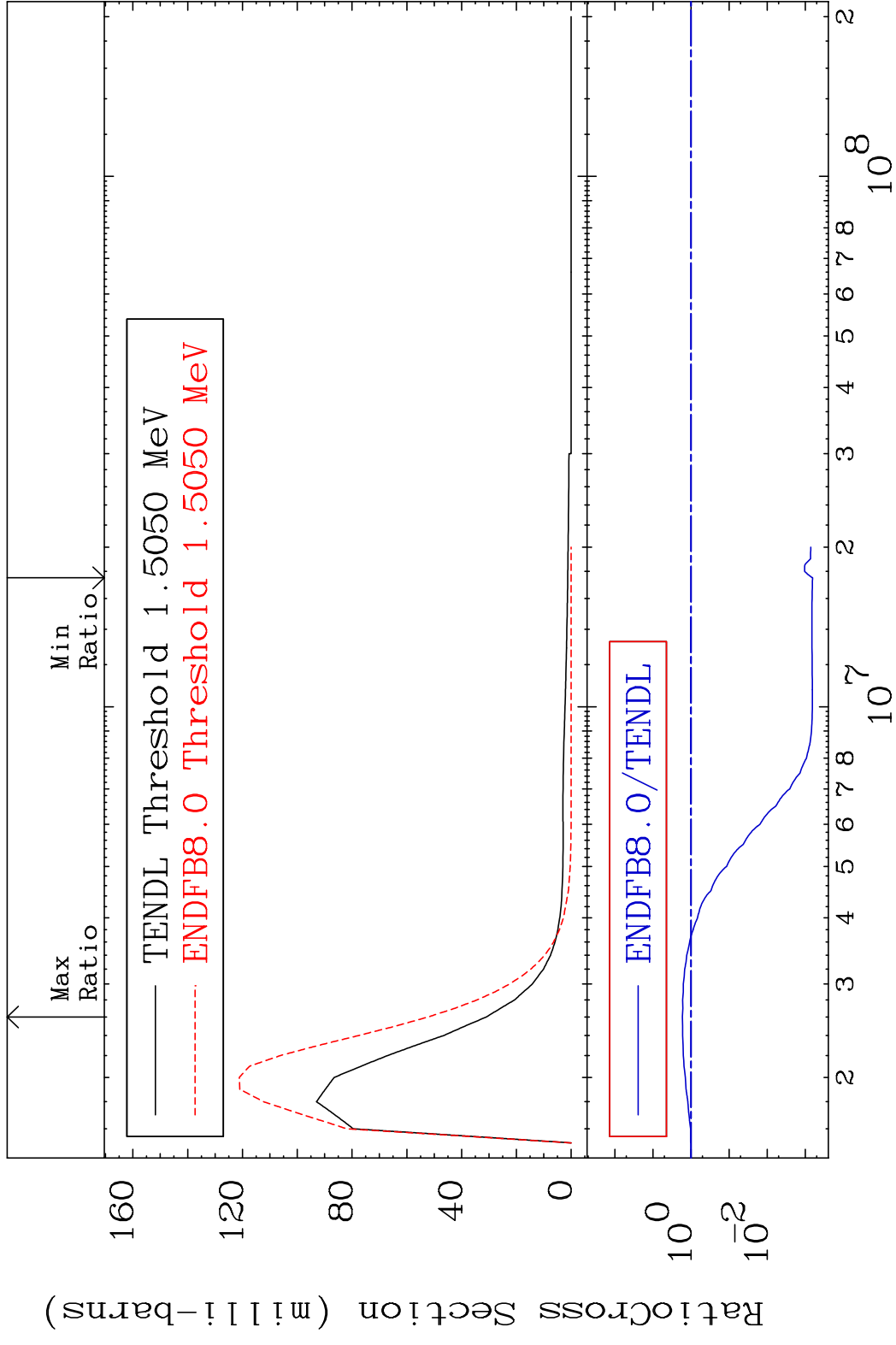
MAT 7225 MT= 68 (n, n') Level 72-Hf-174
 Cross Section -99.90 To 81.87 %



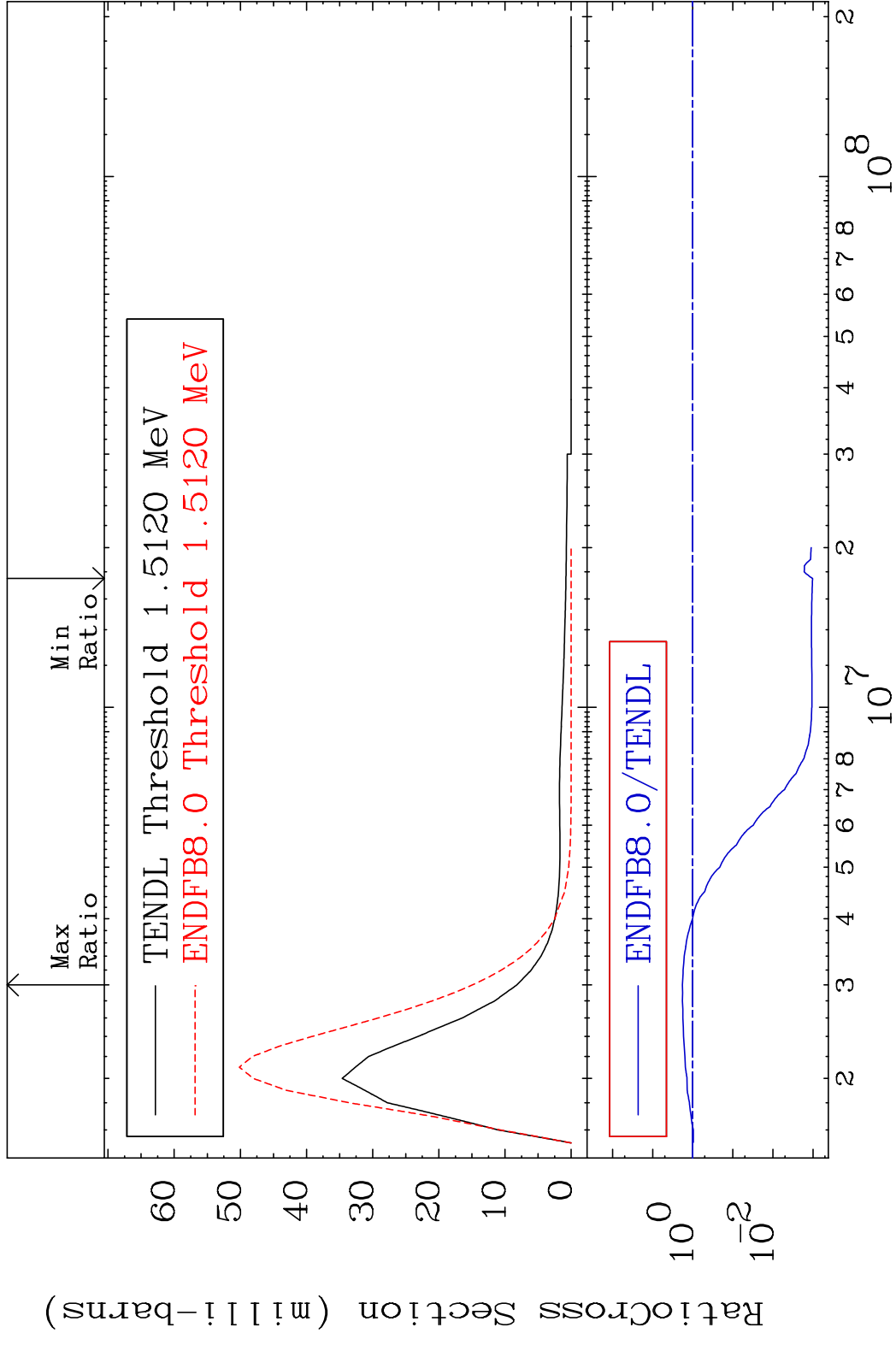
MAT 7225 MT= 69 (n, n') Level 72-Hf-174
 Cross Section -99.76 To 1147. %



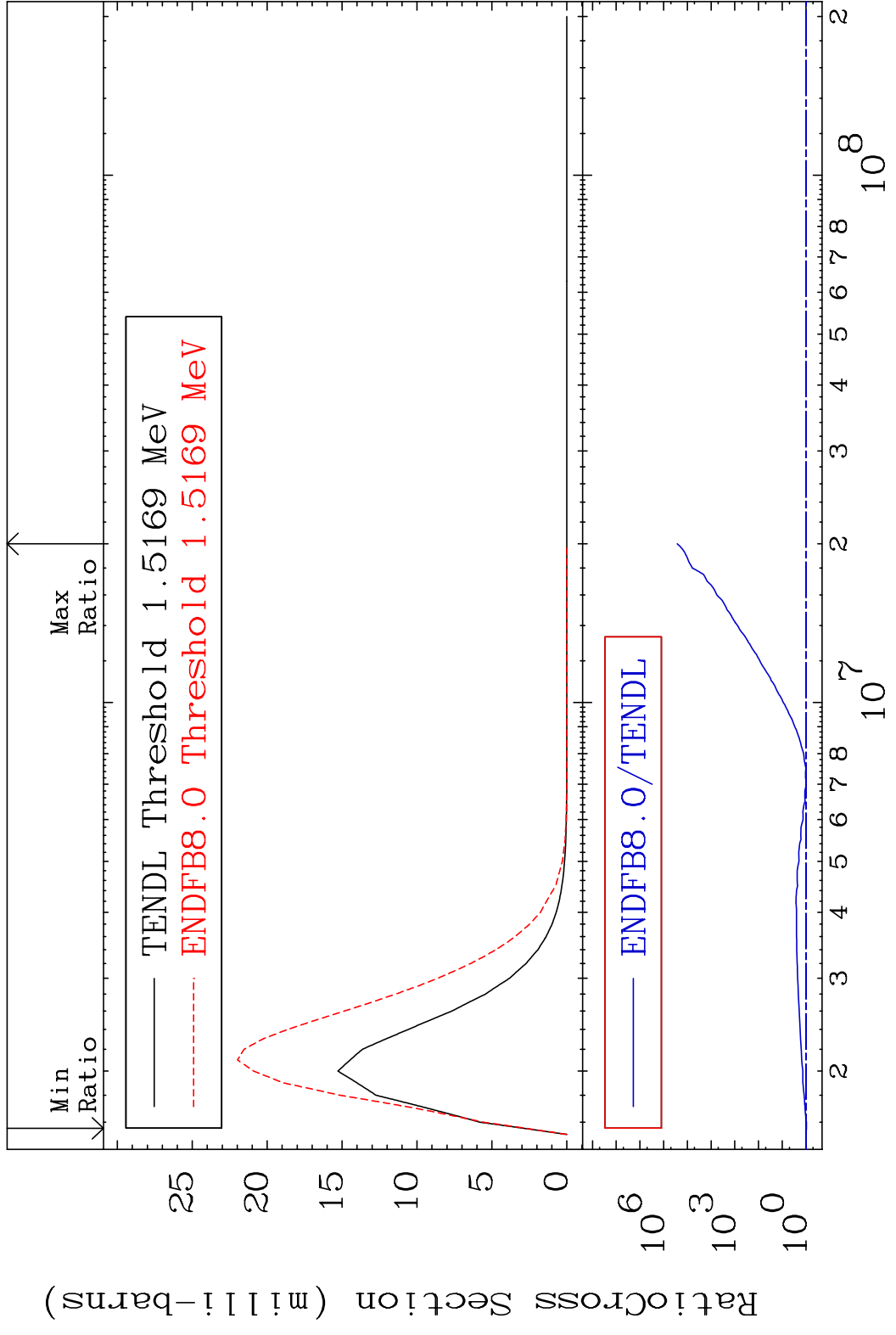
MAT 7225 MT= 70 (n,n') Level 72-Hf-174
 Cross Section -99.94 To 68.84 %



MAT 7225 MT= 71 (n, n') Level 72-Hf-174
 Cross Section -99.90 To 81.85 %



MAT 7225 MT= 72 (n,n') Level 72-Hf-174
 Cross Section -4.221 To 9999. %

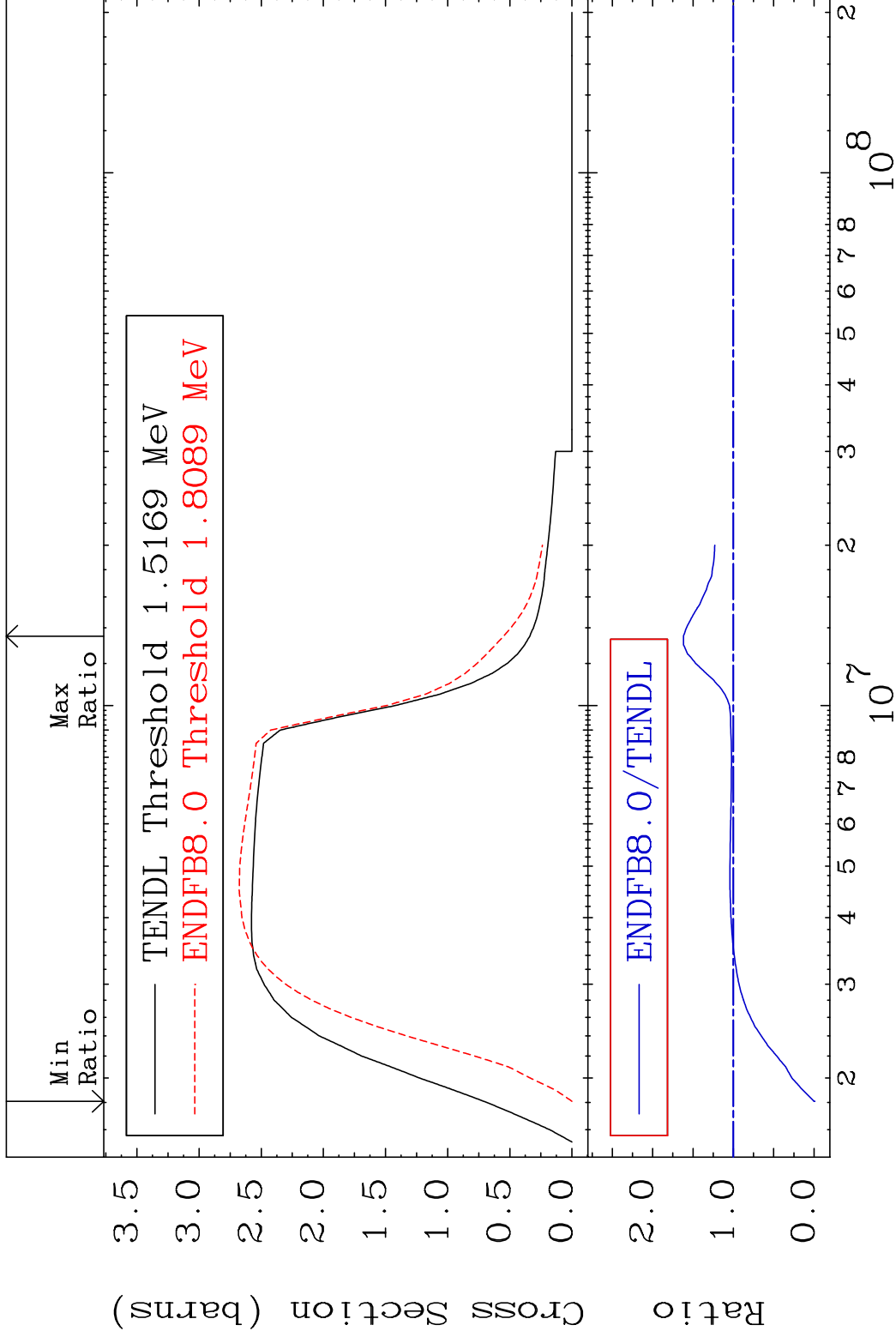


MAT 7225

(n, n') Continuum

72-Hf-174

Cross Section -100.0 To 61.83 %



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Incident Energy (eV)

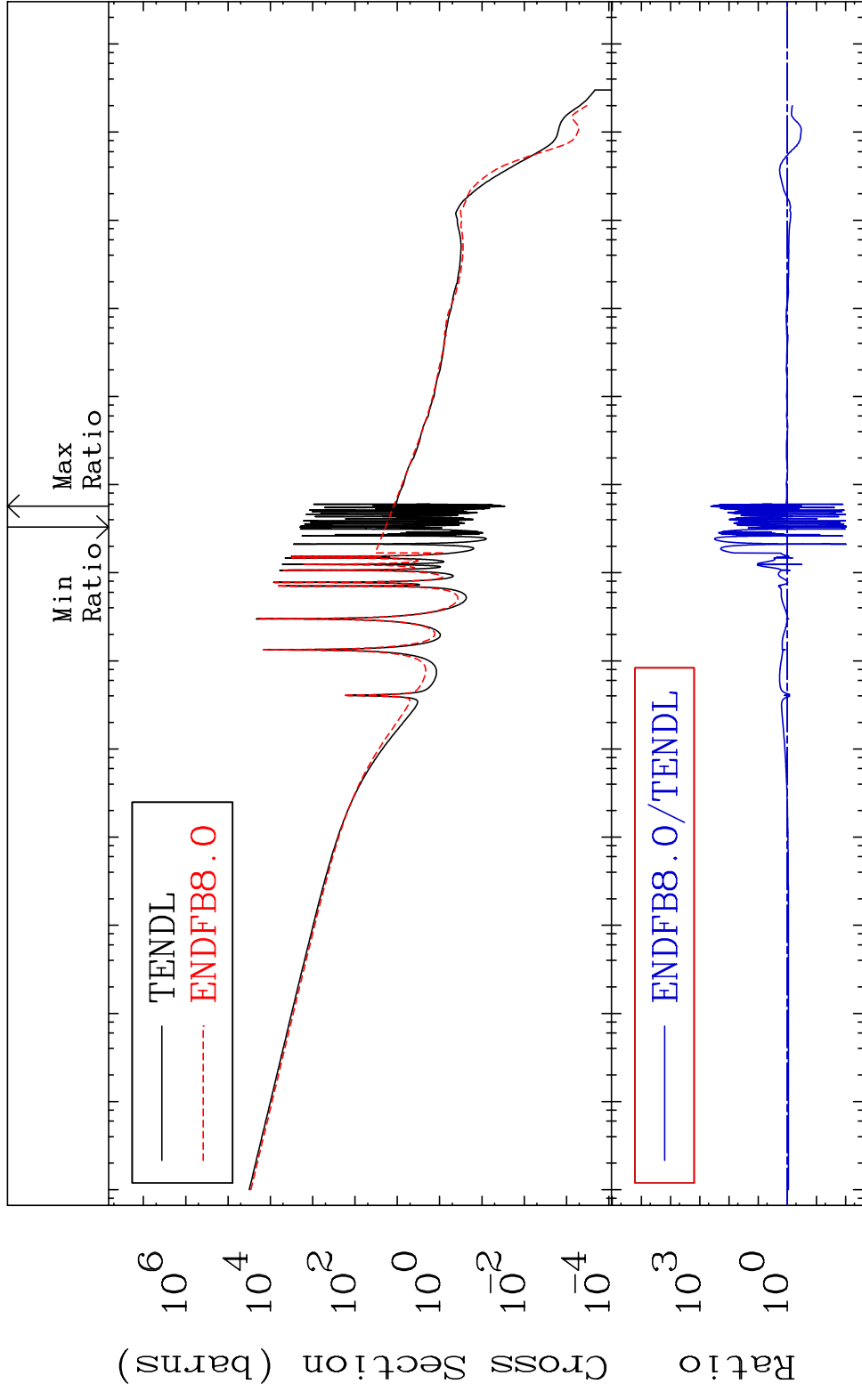
72-Hf-174

MAT 7225

72-Hf-174

(n, γ)

Cross Section -99.05 To 9999. %

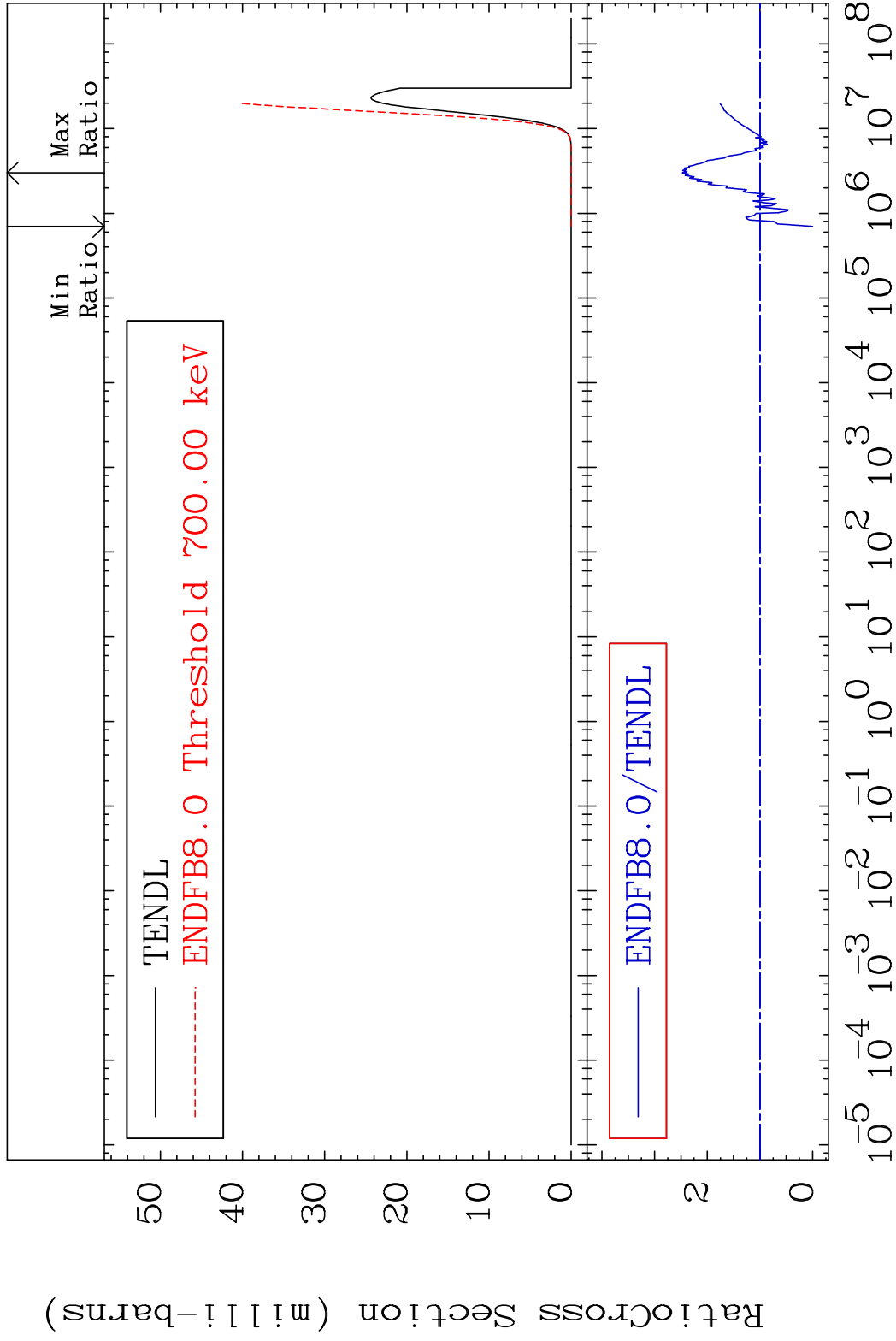


MAT 7225

(n,p)

72-Hf-174

Cross Section -100.0 To 147.3 %



32

Incident Energy (eV)

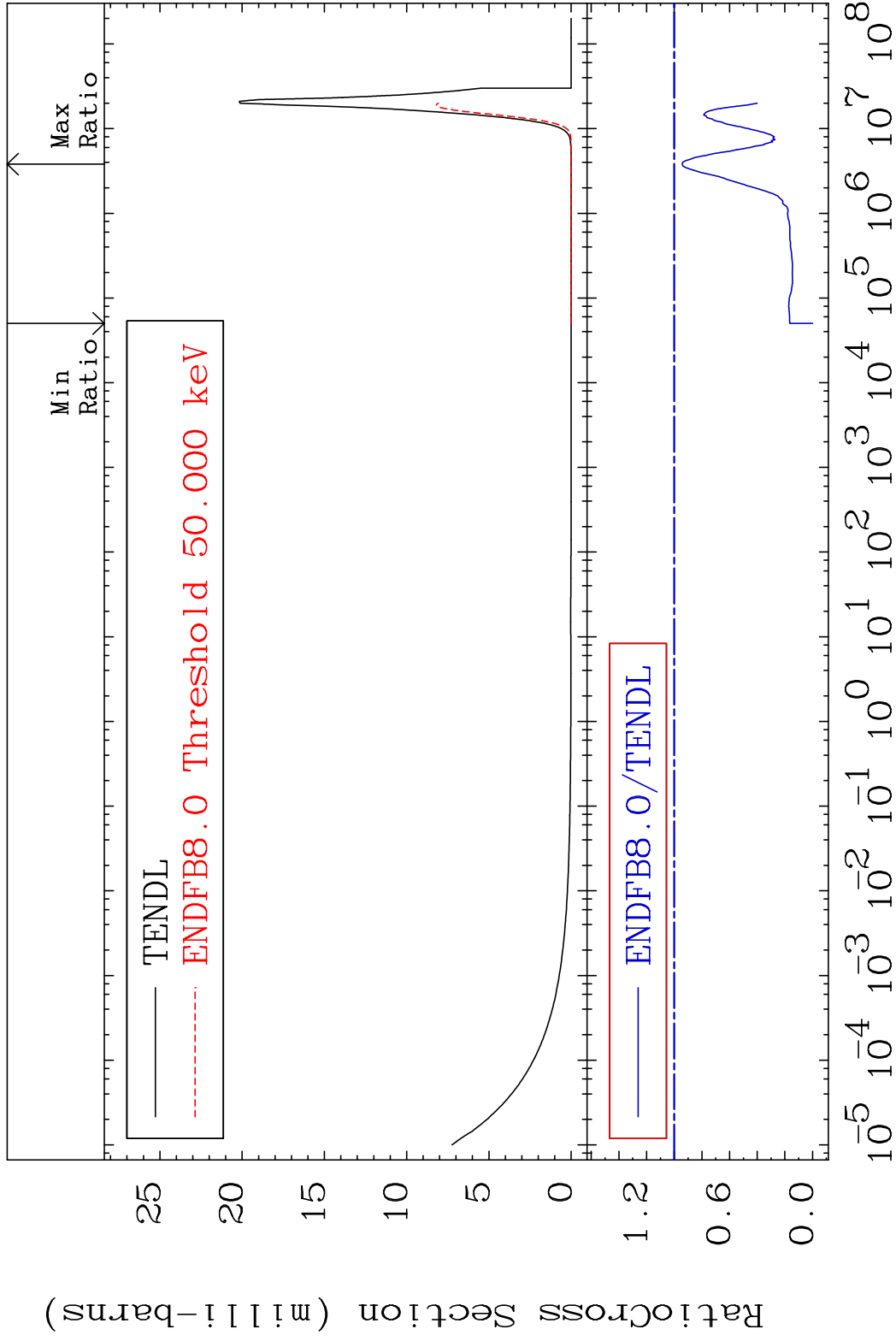
72-Hf-174

MAT 7225

(n, α)

72-Hf-174

Cross Section -100.0 To -5.872%



33

Incident Energy (eV)

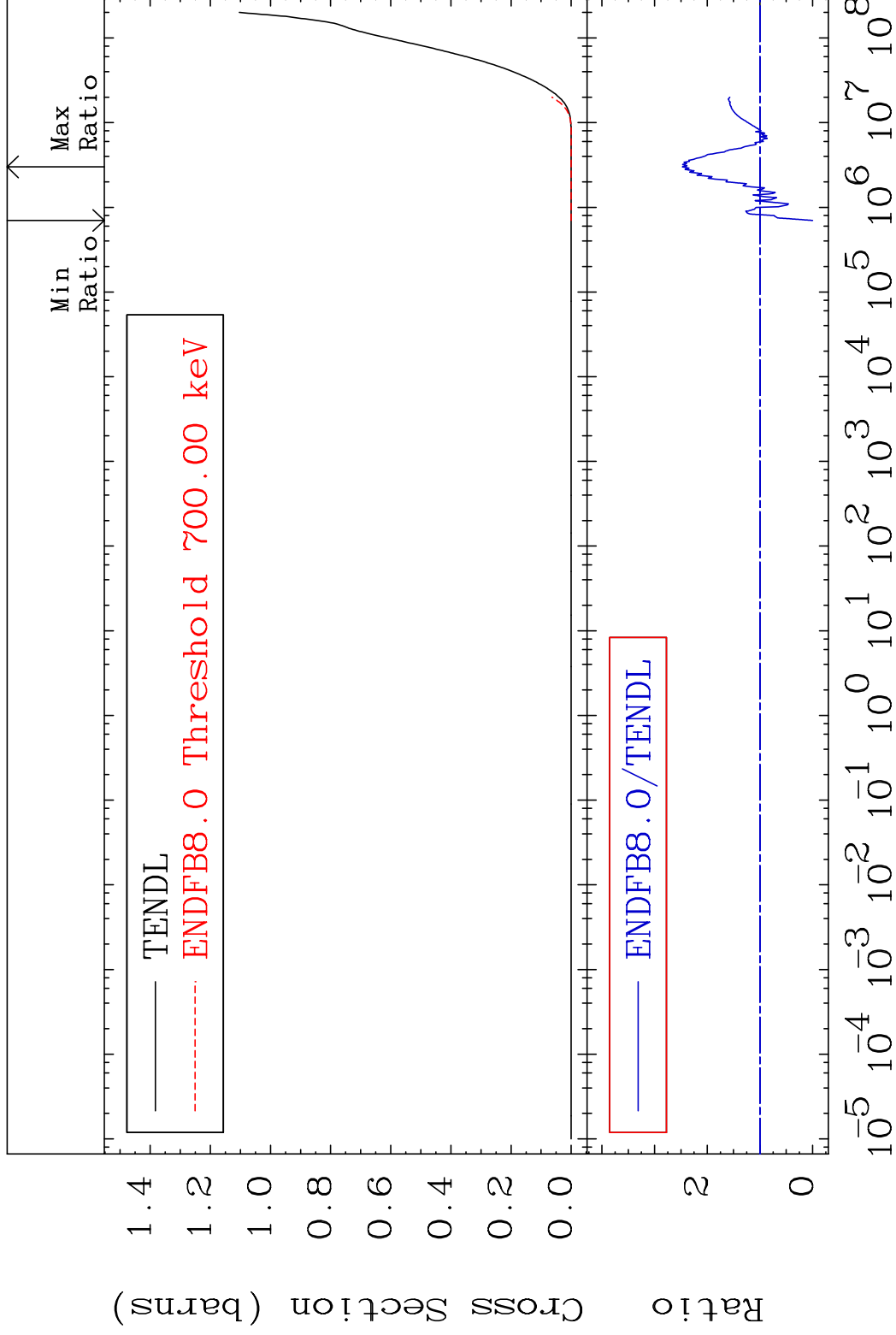
72-Hf-174

MAT 7225

Hydrogen Production

72-Hf-174

Cross Section -100.0 To 147.3 %

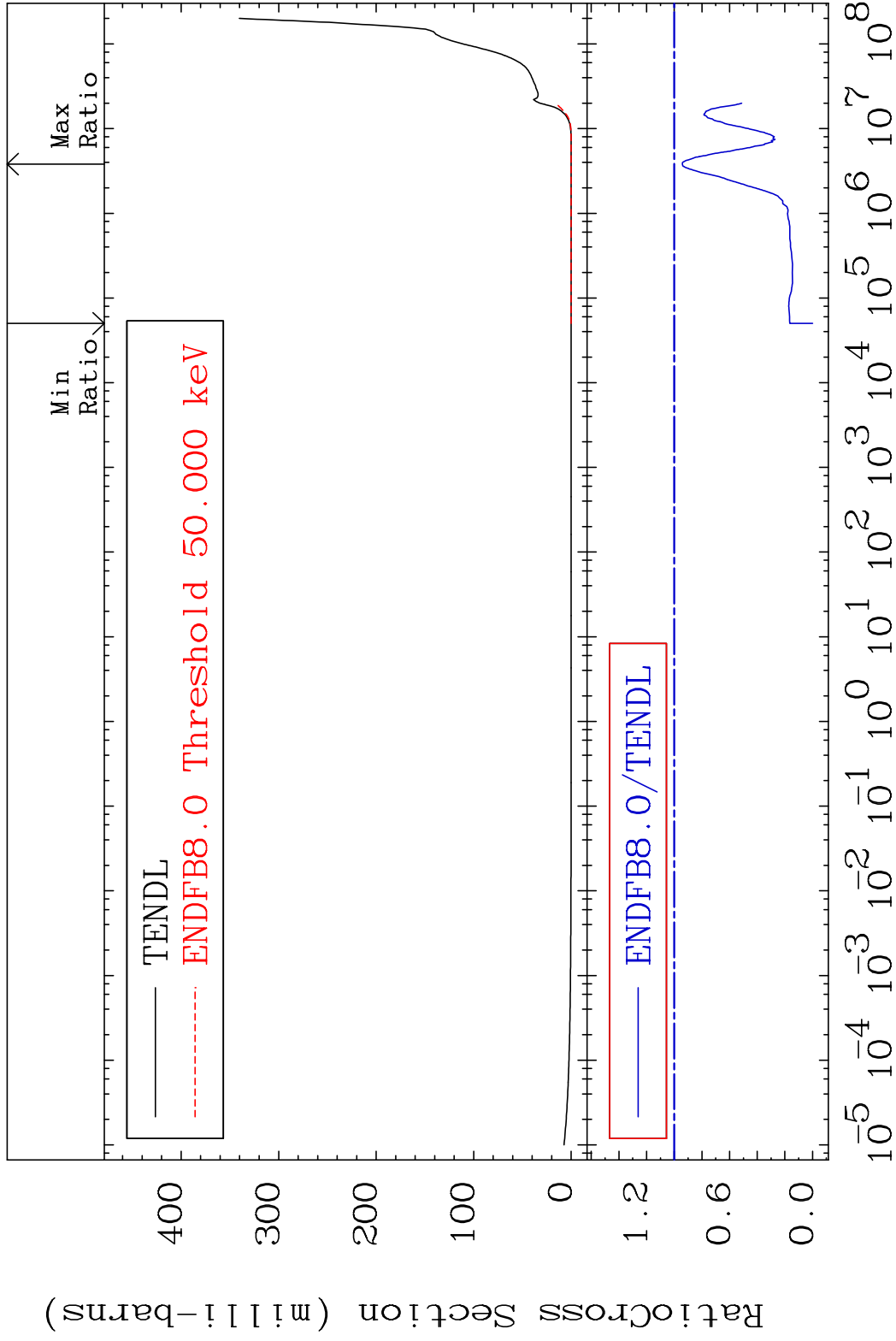


MAT 7225

He-4 Production

72-Hf-174

Cross Section -100.0 To -5.872%

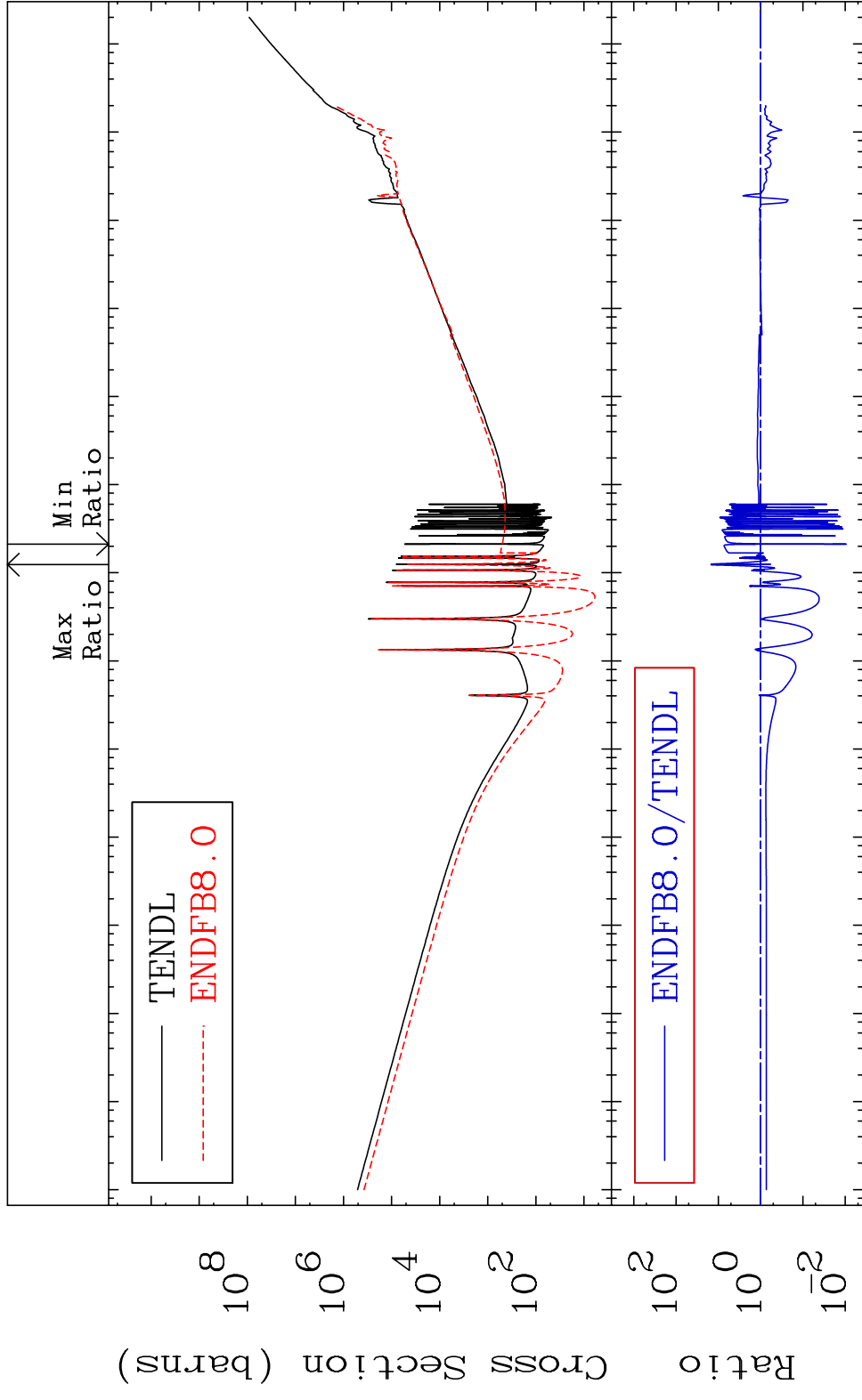


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Incident Energy (eV)

72-Hf-174

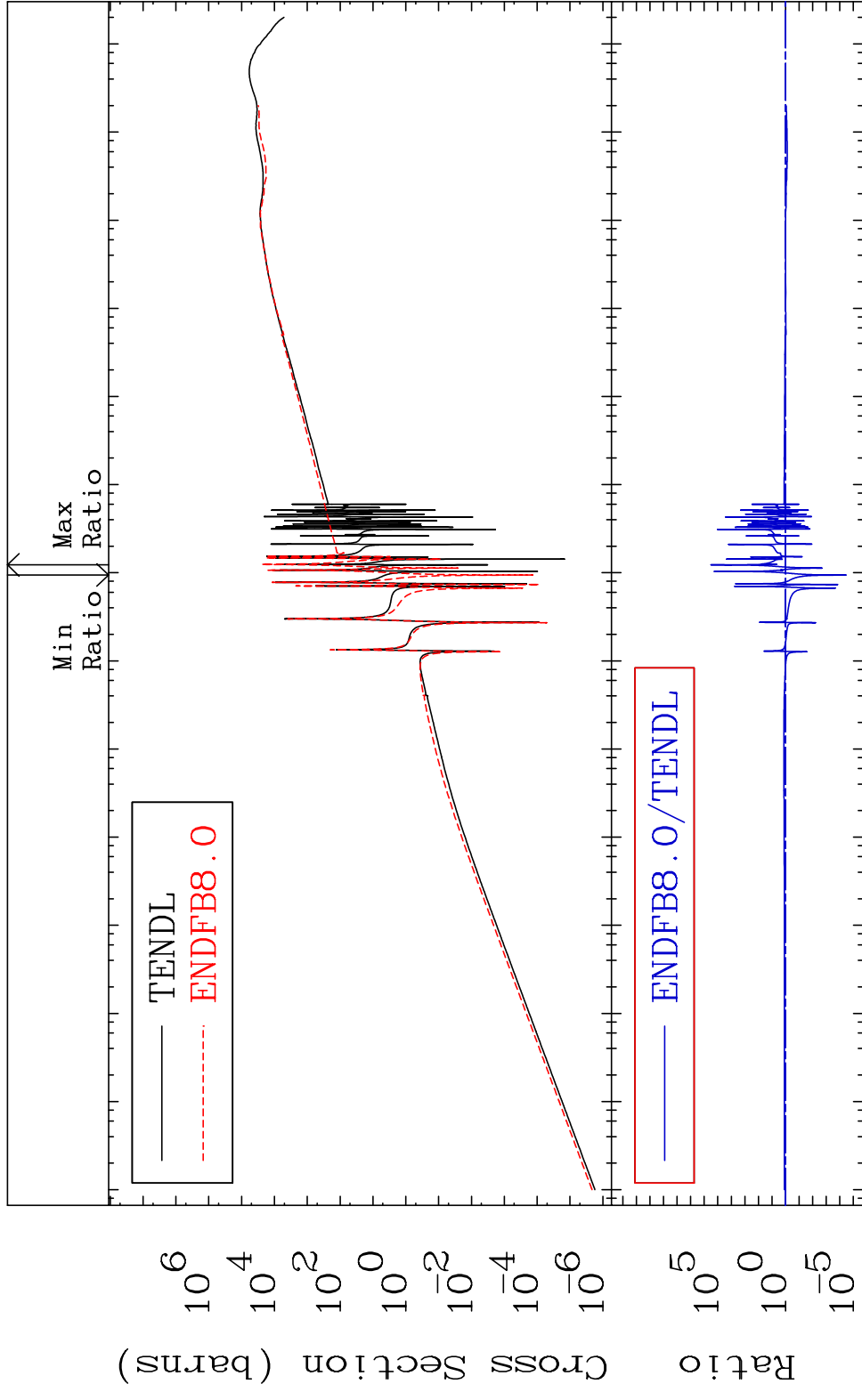
MAT 7225 Kerma total (eV-barns) 72-Hf-174
 Cross Section -99.06 To 1413. %



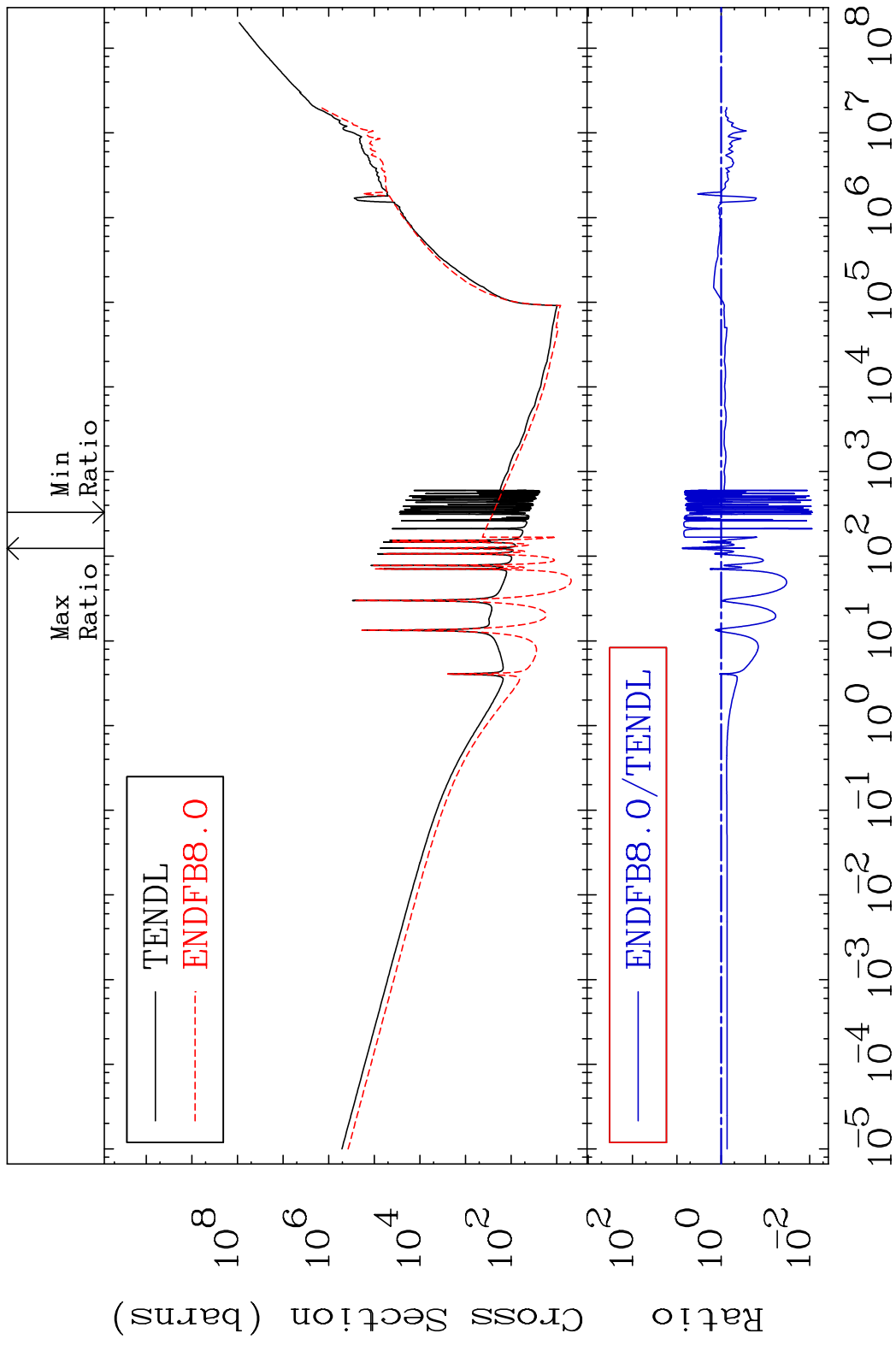
MAT 7225

Kerma elastic
Cross Section

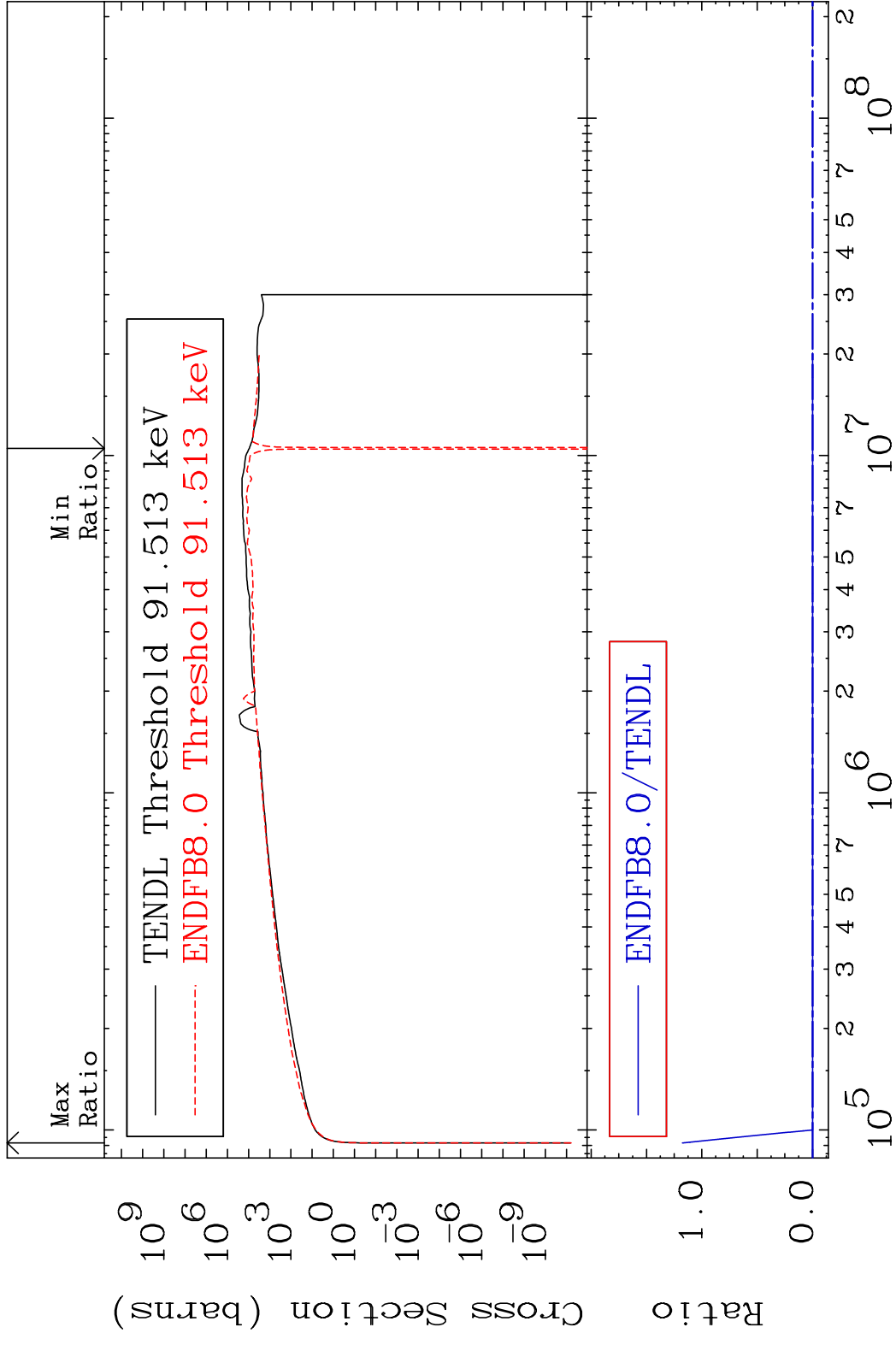
72-Hf-174
-100.0 To 9999. %



MAT 7225 Kerma non-elastic (all but mt2) 72-Hf-174
 Cross Section -99.14 To 649.8 %

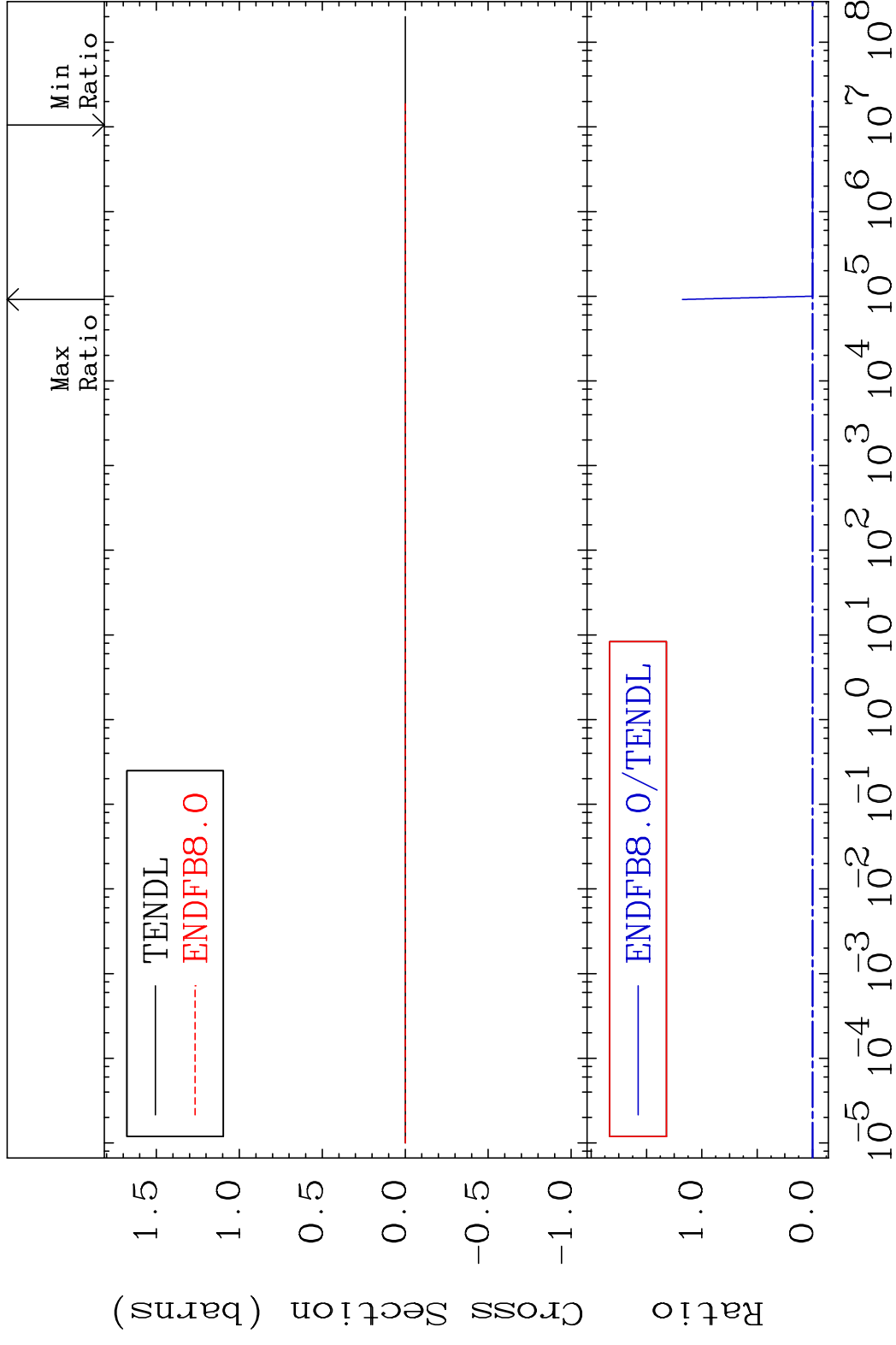


MAT 7225 Kerma inelastic (mt51-91) 72-Hf-174
 Cross Section -110.7 To 9999. %



39 Incident Energy (eV) 72-Hf-174

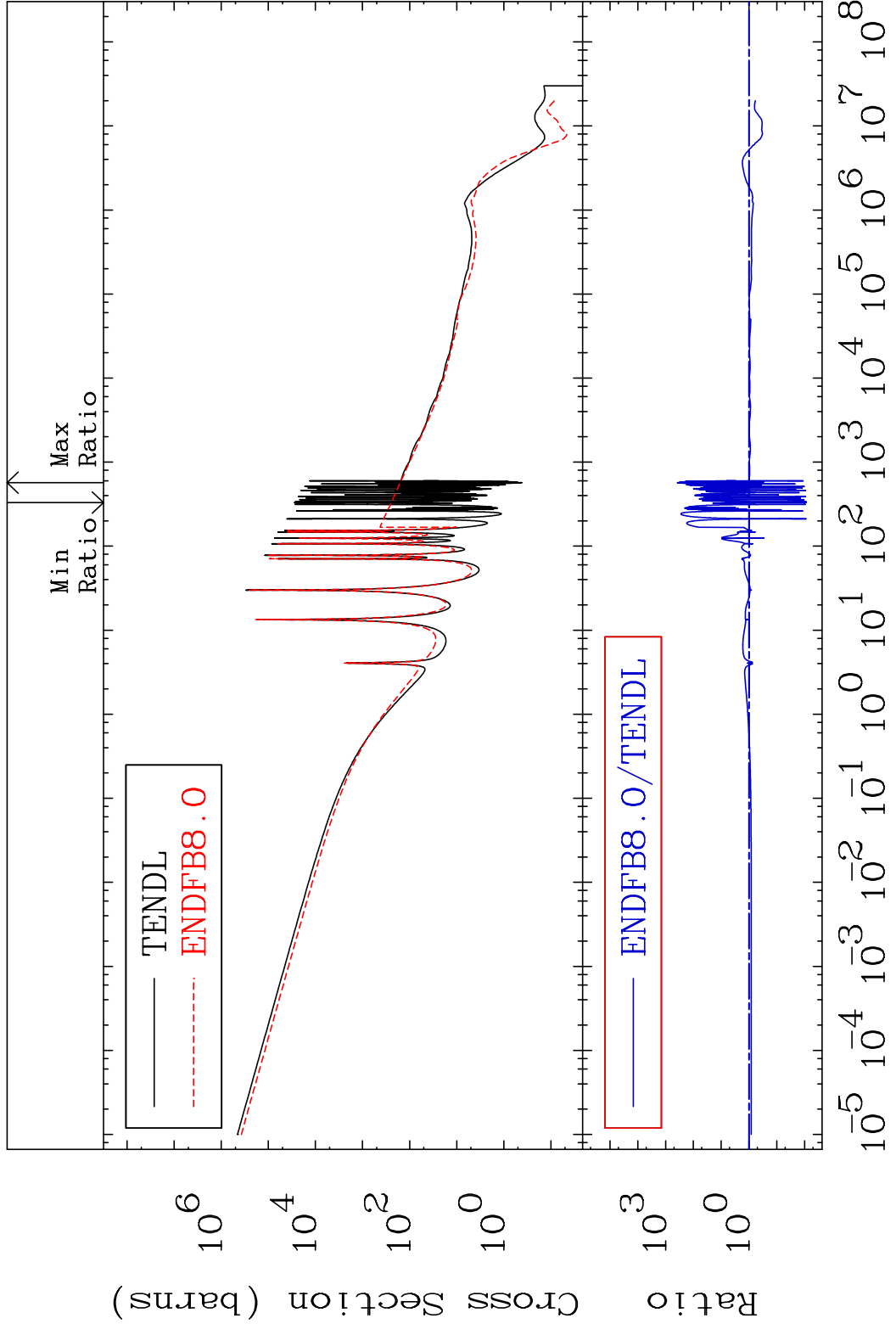
MAT 7225 Kerma fission (mt18 or mt19-20-21-38)72-Hf-174
 Cross Section -110.7 To 9999. %



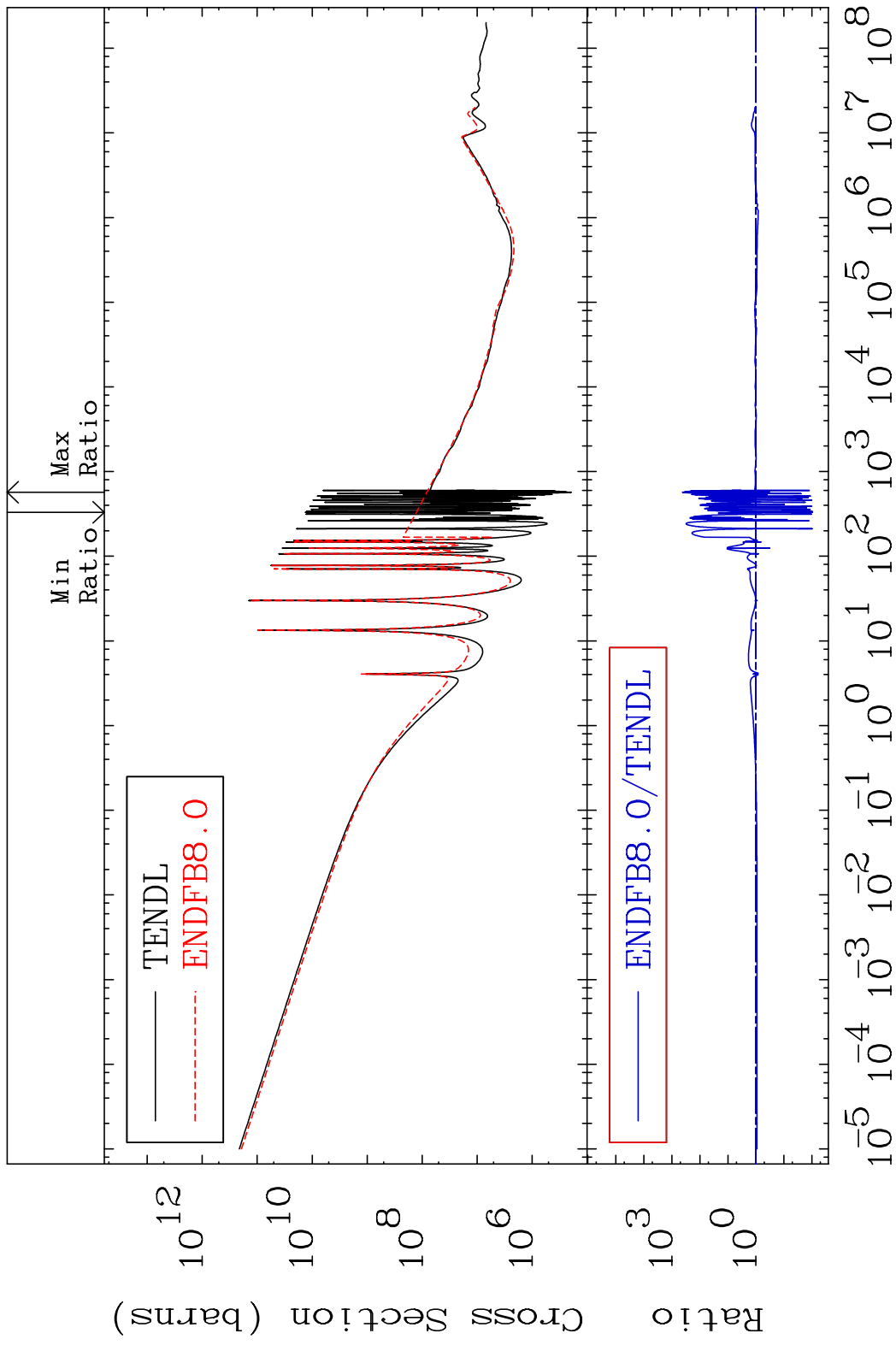
40 Incident Energy (eV) 72-Hf-174

MAT 7225

Kerma capture (mt102) 72-Hf-174
Cross Section -99.14 To 9999. %

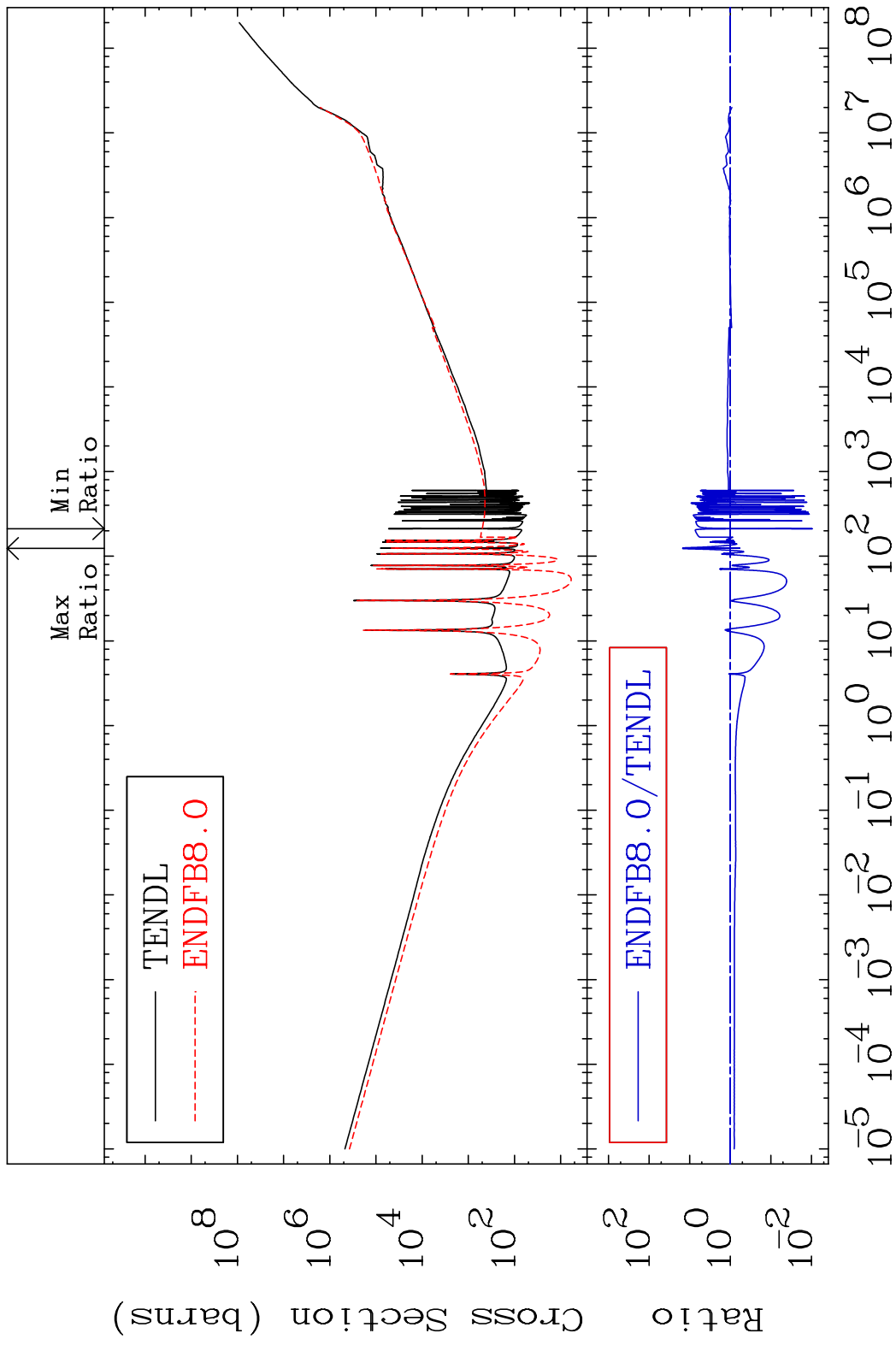


MAT 7225 Total photon (eV-barns) 72-Hf-174
Cross Section -99.05 To 9999. %

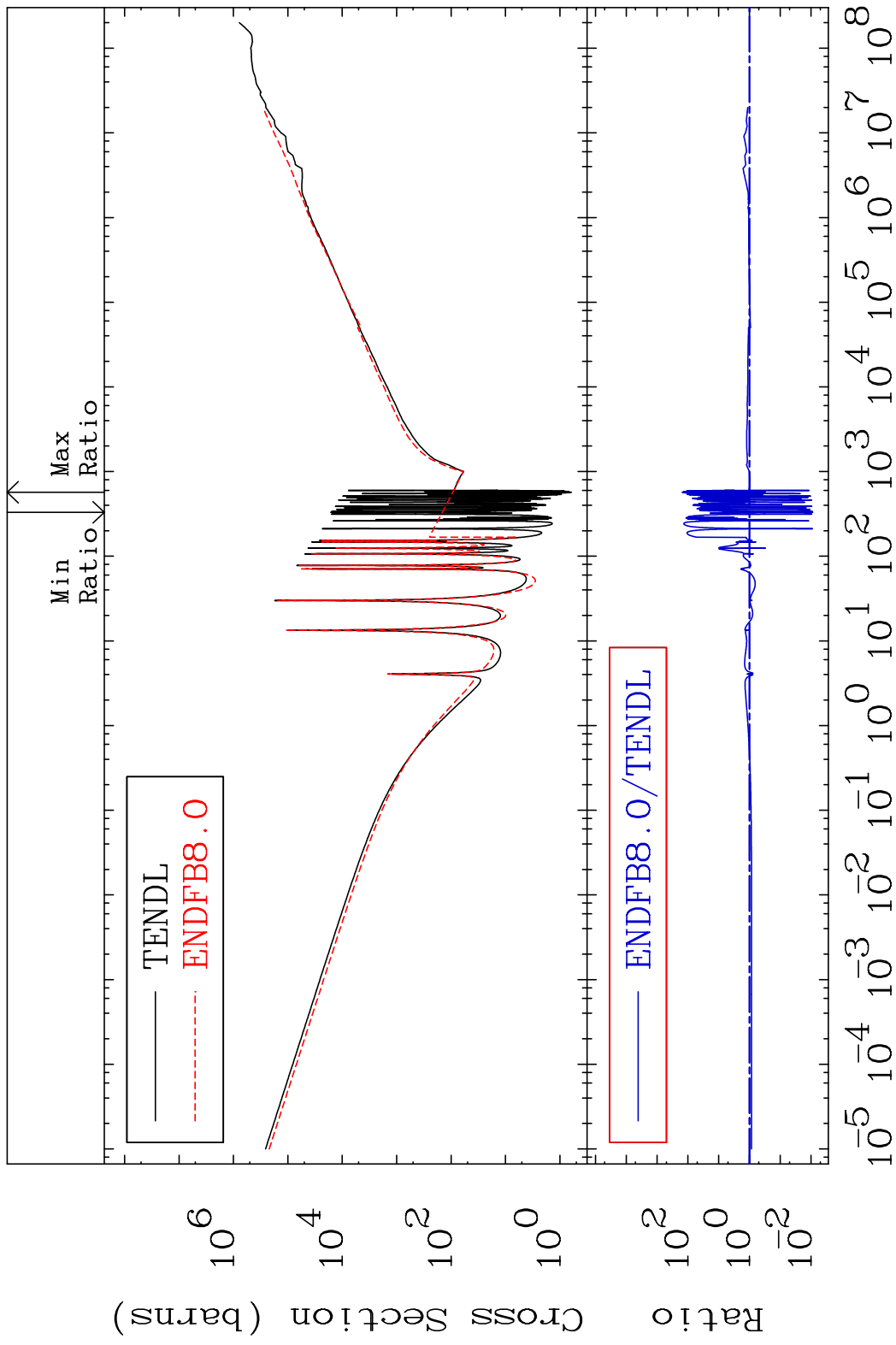


42 Incident Energy (eV) 72-Hf-174

MAT 7225 Total kinematic kerma (high limit) 72-Hf-174
 Cross Section -99.06 To 1412. %



MAT 7225 Dpa total (eV-barns) 72-Hf-174
 Cross Section -99.11 To 9999. %

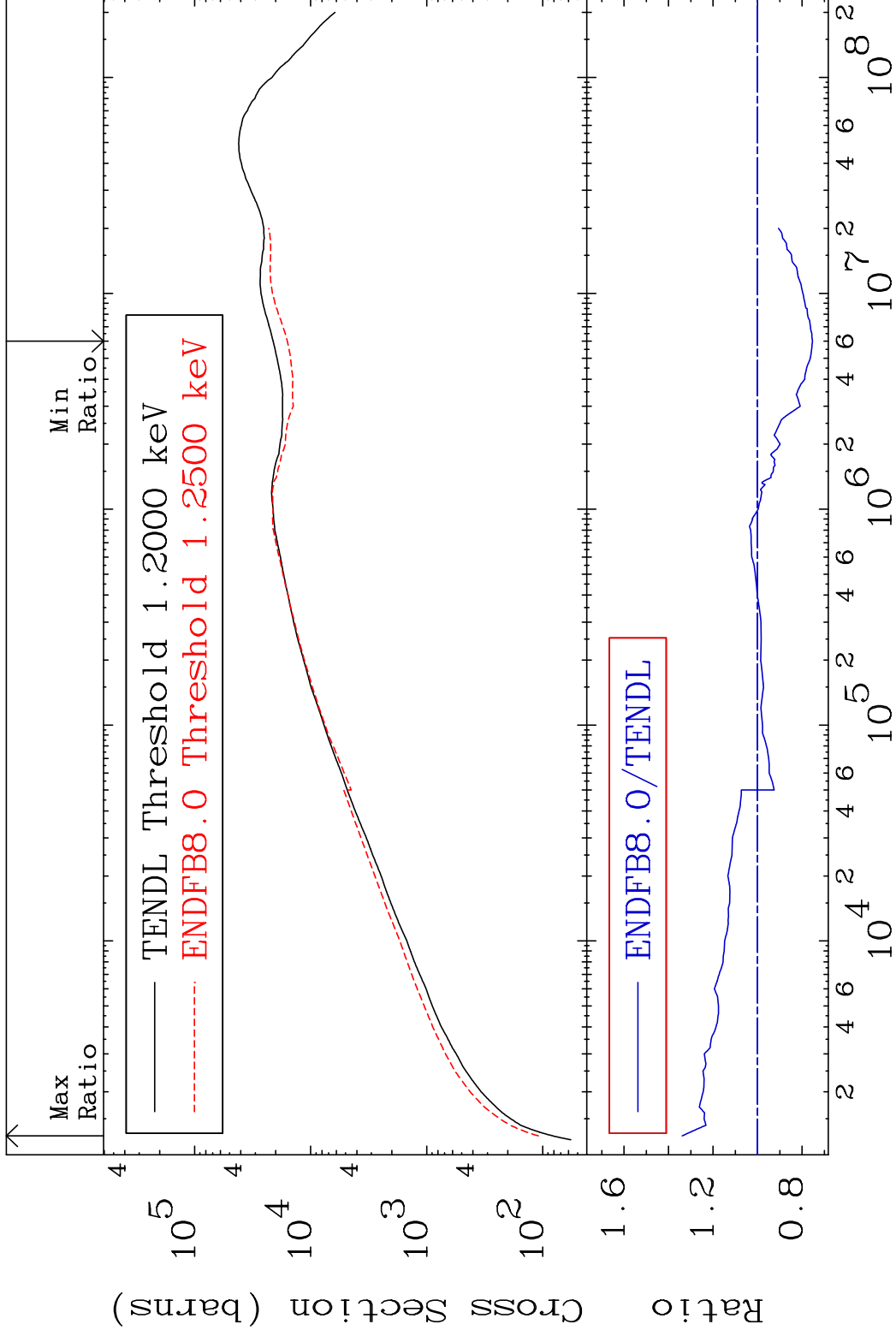


MAT 7225

Dpa elastic (mt2)

72-Hf-174

Cross Section -24.67 To 33.88 %

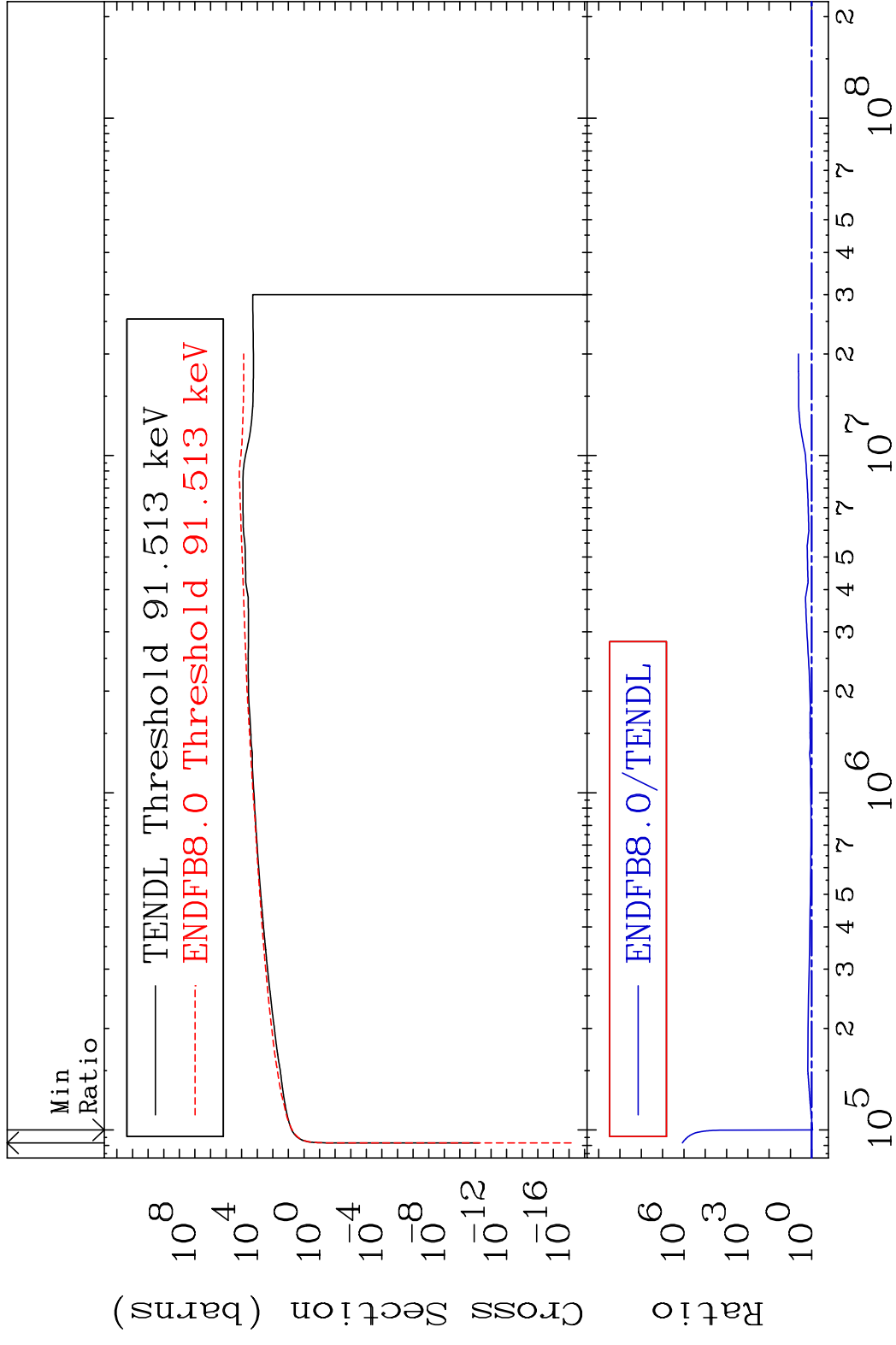


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Incident Energy (eV)

72-Hf-174

MAT 7225 Dpa inelastic (mt51-91) 72-Hf-174
 Cross Section -8.207 To 9999. %



46 Incident Energy (eV) 72-Hf-174

MAT 7225 Dpa disappearance (mt102 -120) 72-Hf-174
 Cross Section -99.11 To 9999. %

