

Program Complot
(Version 2021-1)

by

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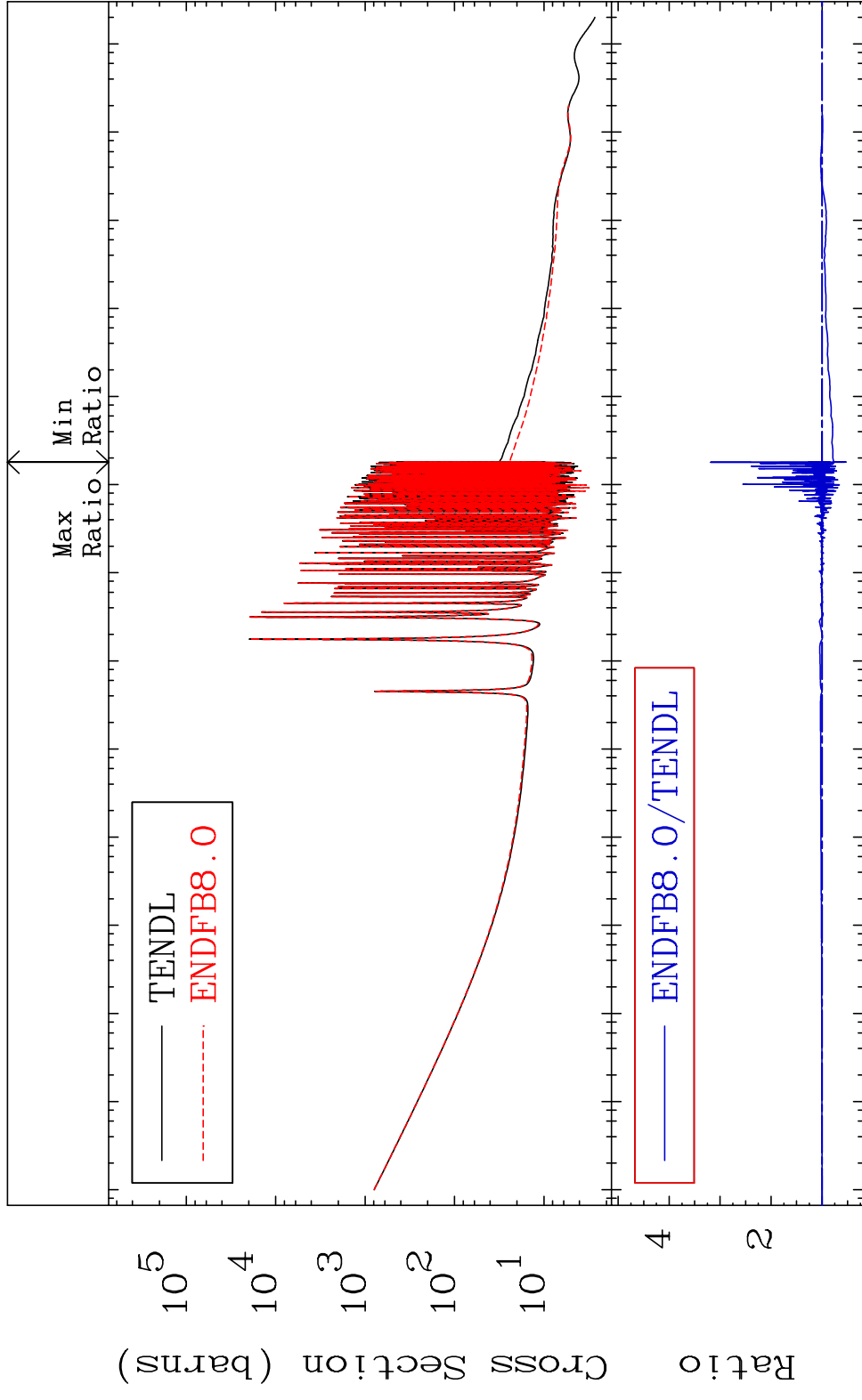
U.S.A.

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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7040 Total 70-Yb-173
 Cross Section -47.58 To 218.5 %



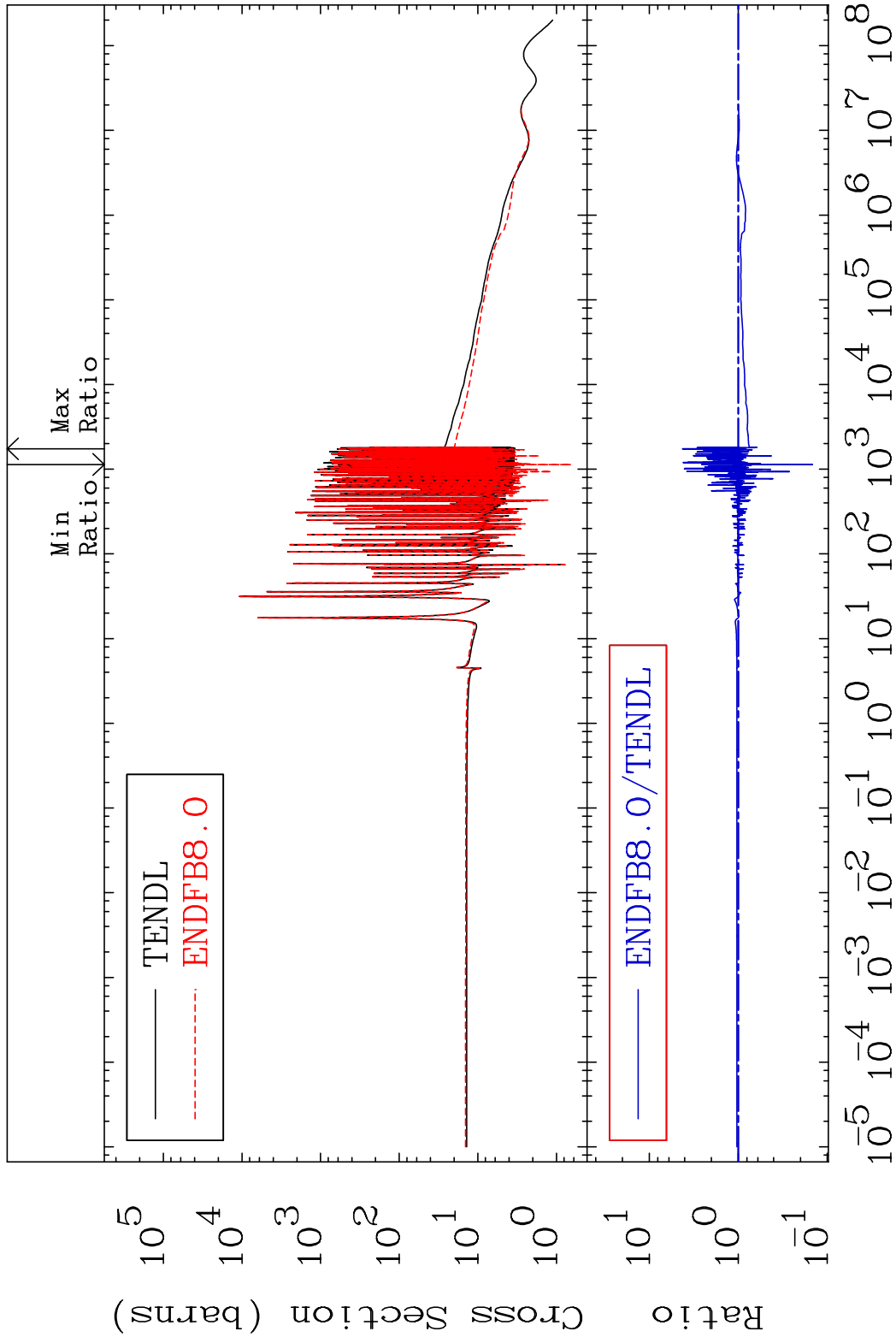
1 Incident Energy (eV) 70-Yb-173

MAT 7040

Elastic

70-Yb-173

Cross Section -85.38 To 324.3 %

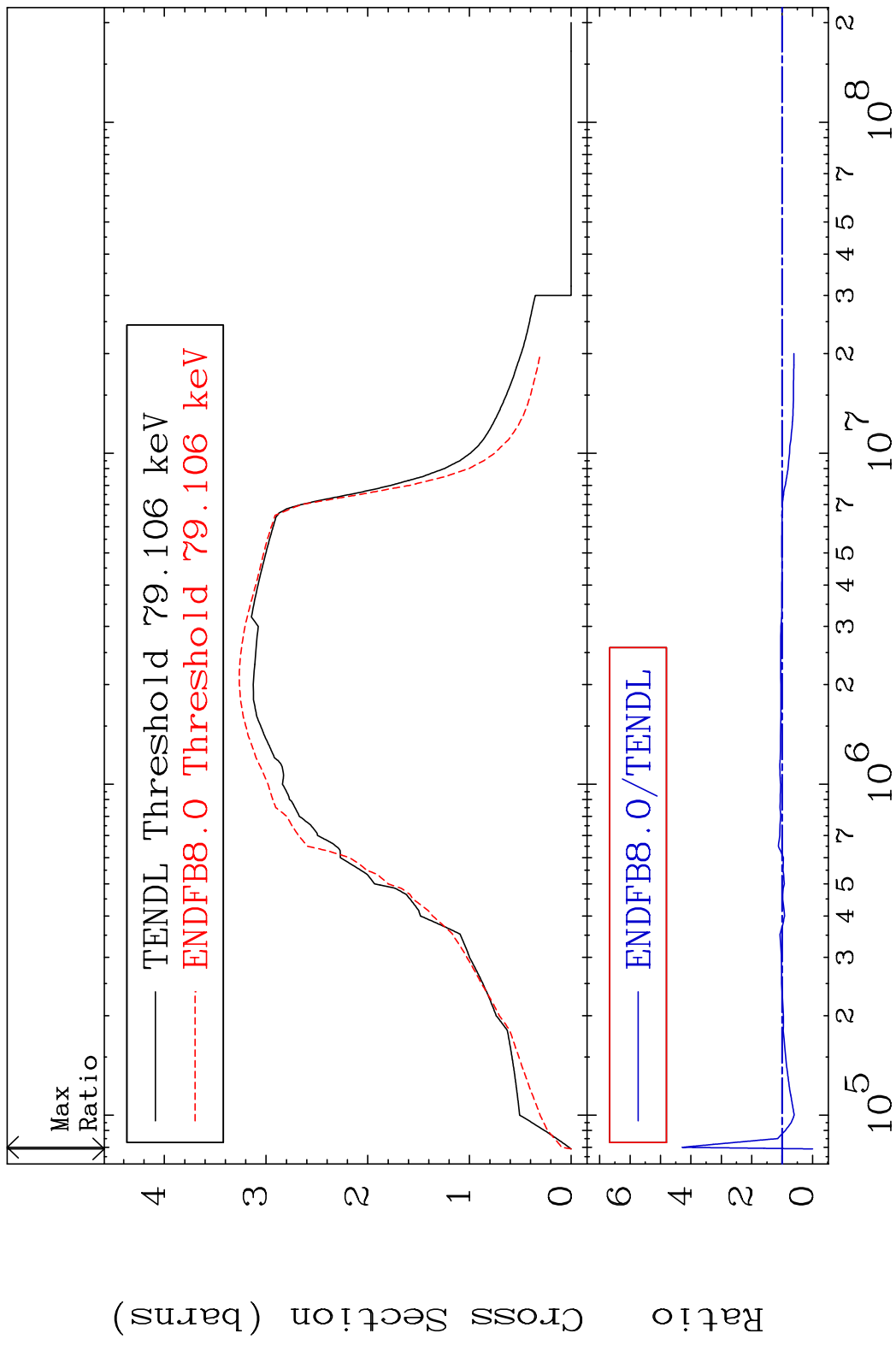


2

Incident Energy (eV)

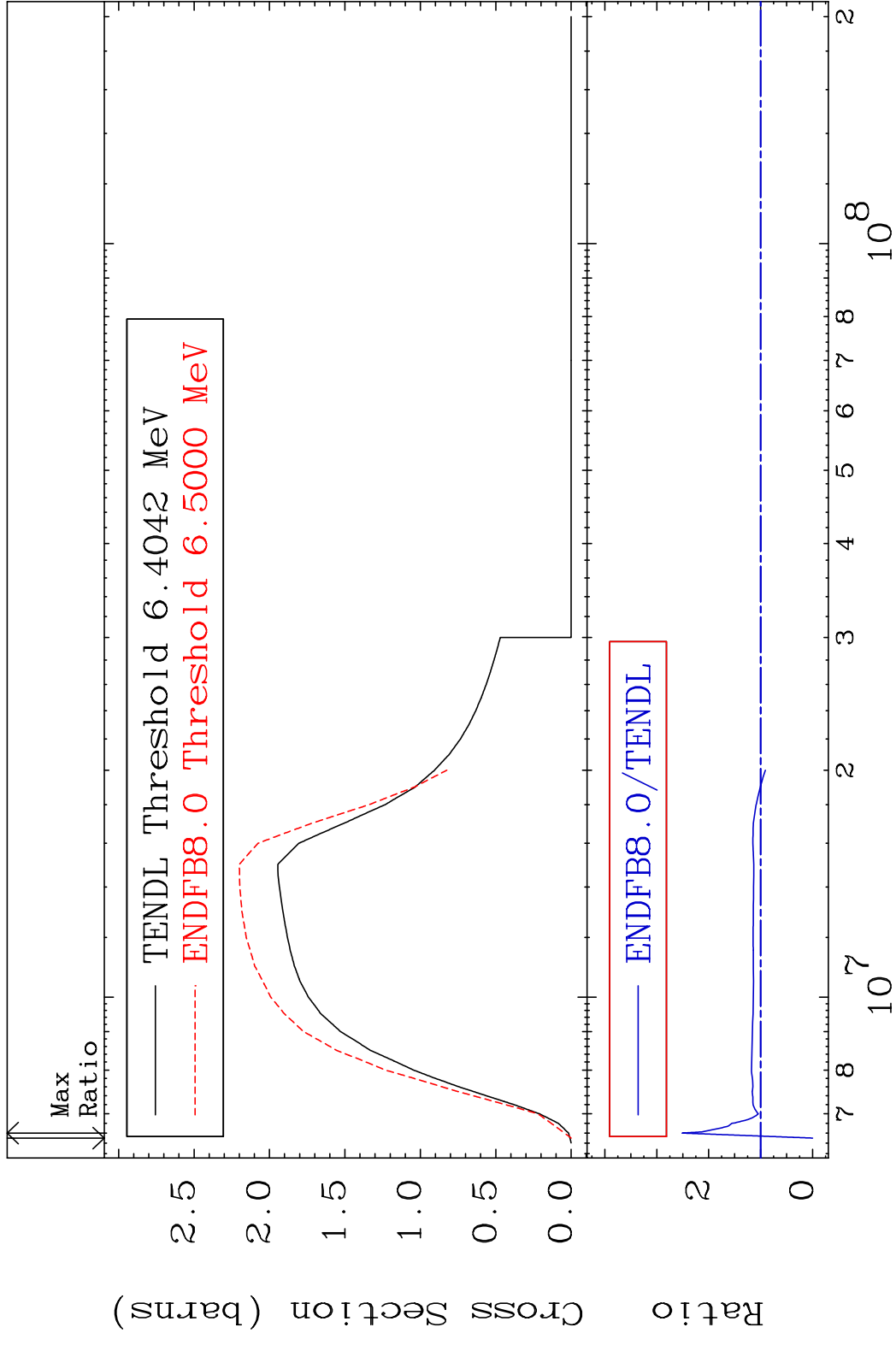
70-Yb-173

MAT 7040 Inelastic 70-Yb-173
 Cross Section -100.0 To 328.1 %



3 Incident Energy (eV) 70-Yb-173

MAT 7040 (n,2n) 70-Yb-173
 Cross Section -100.0 To 150.8 %



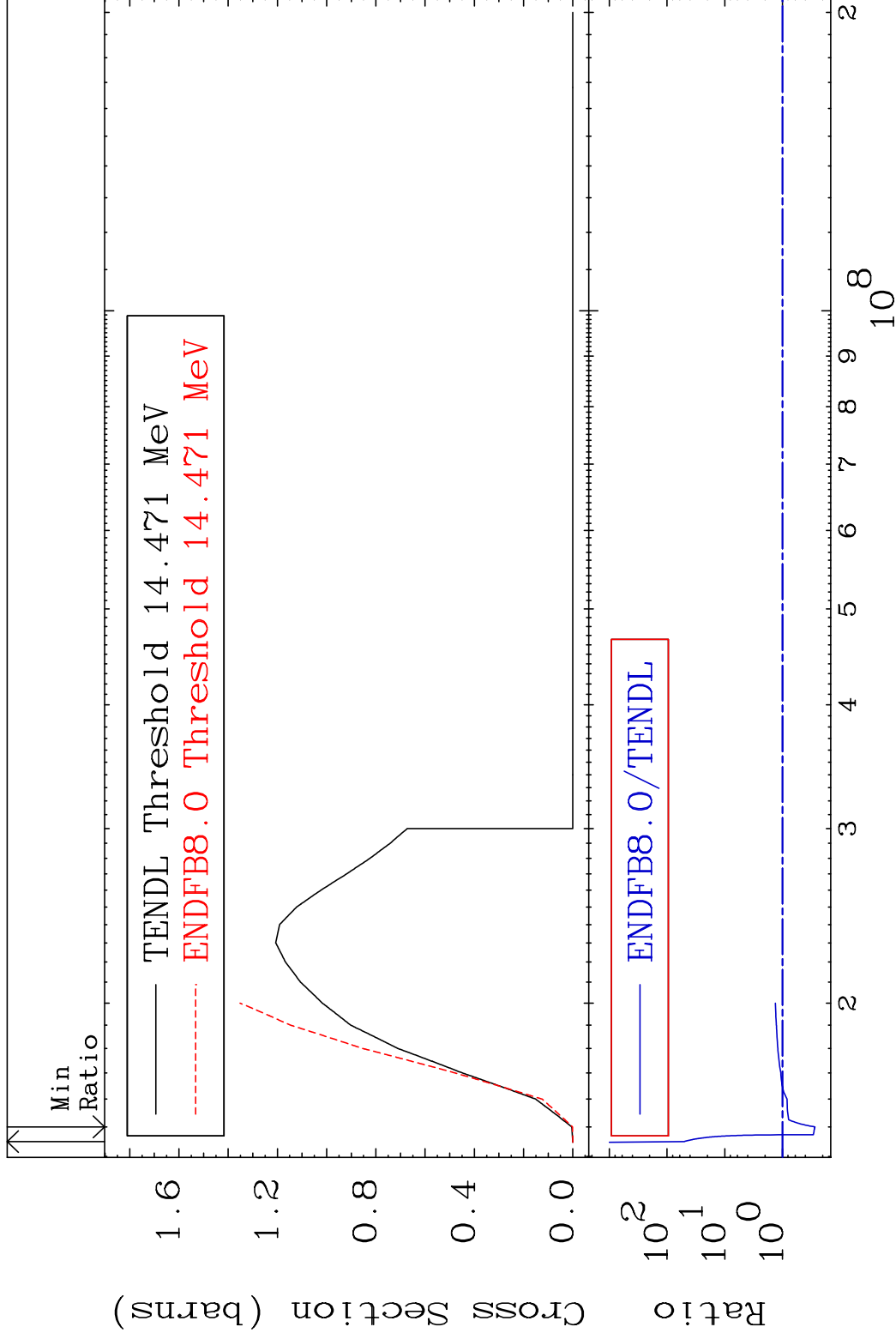
4 Incident Energy (eV) 70-Yb-173

MAT 7040

(n,3n)

70-Yb-173

Cross Section -72.68 To 4920. %



5

Incident Energy (eV)

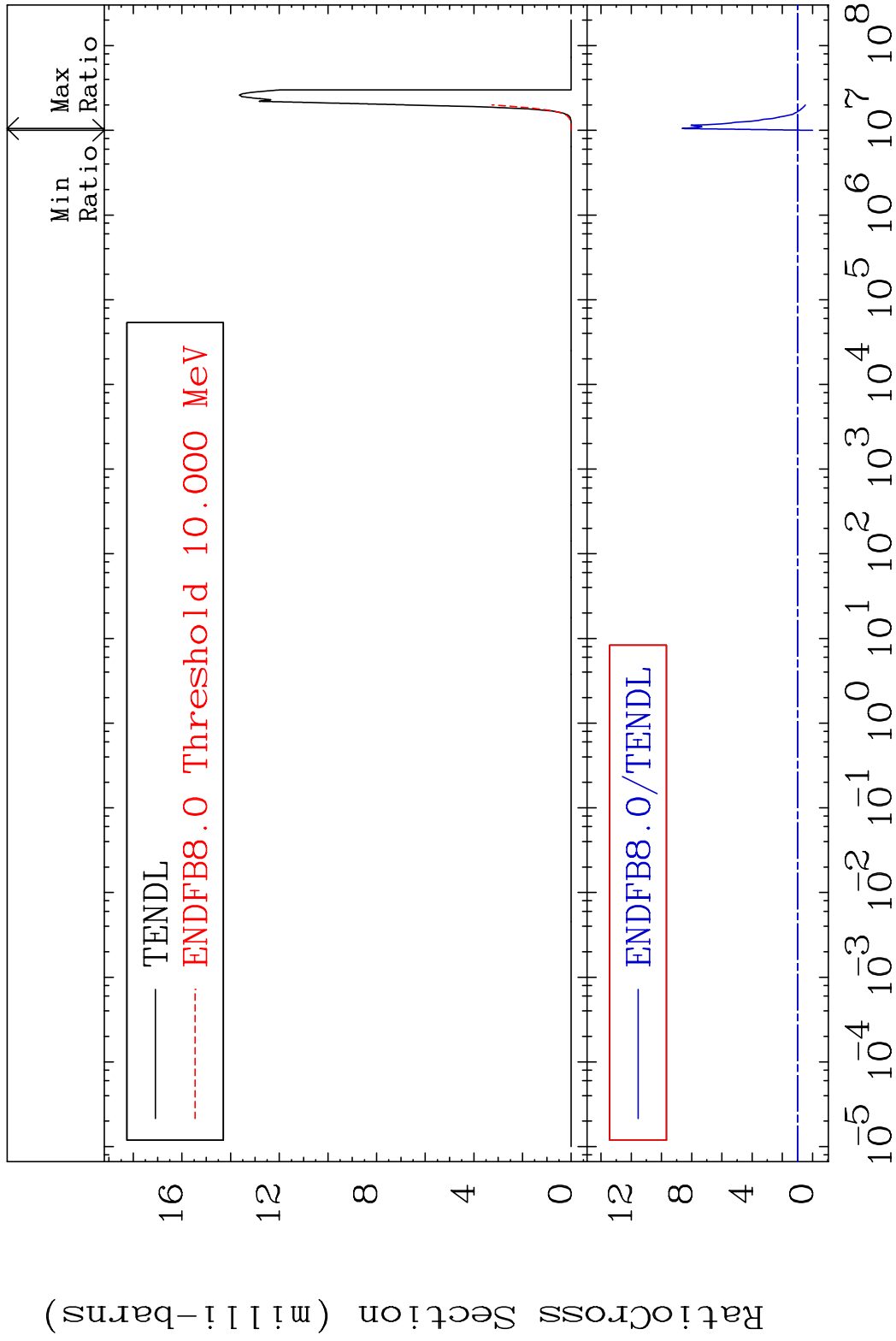
70-Yb-173

MAT 7040

(n, n') α

70-Yb-173

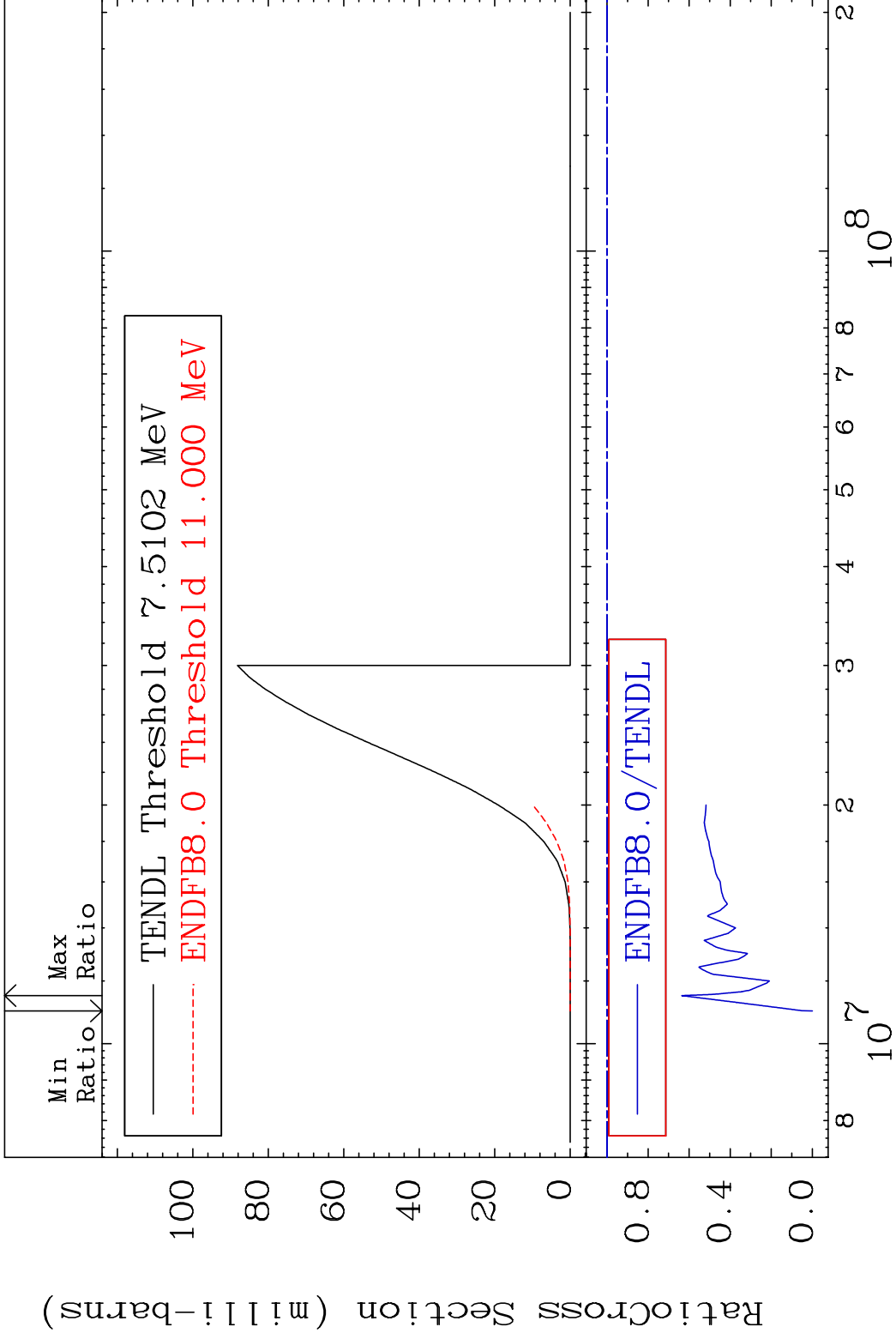
Cross Section -100.0 To 761.9 %



MAT 7040

(n, n') p 70-Yb-173

Cross Section -100.0 To -36.39%



7

Incident Energy (eV)

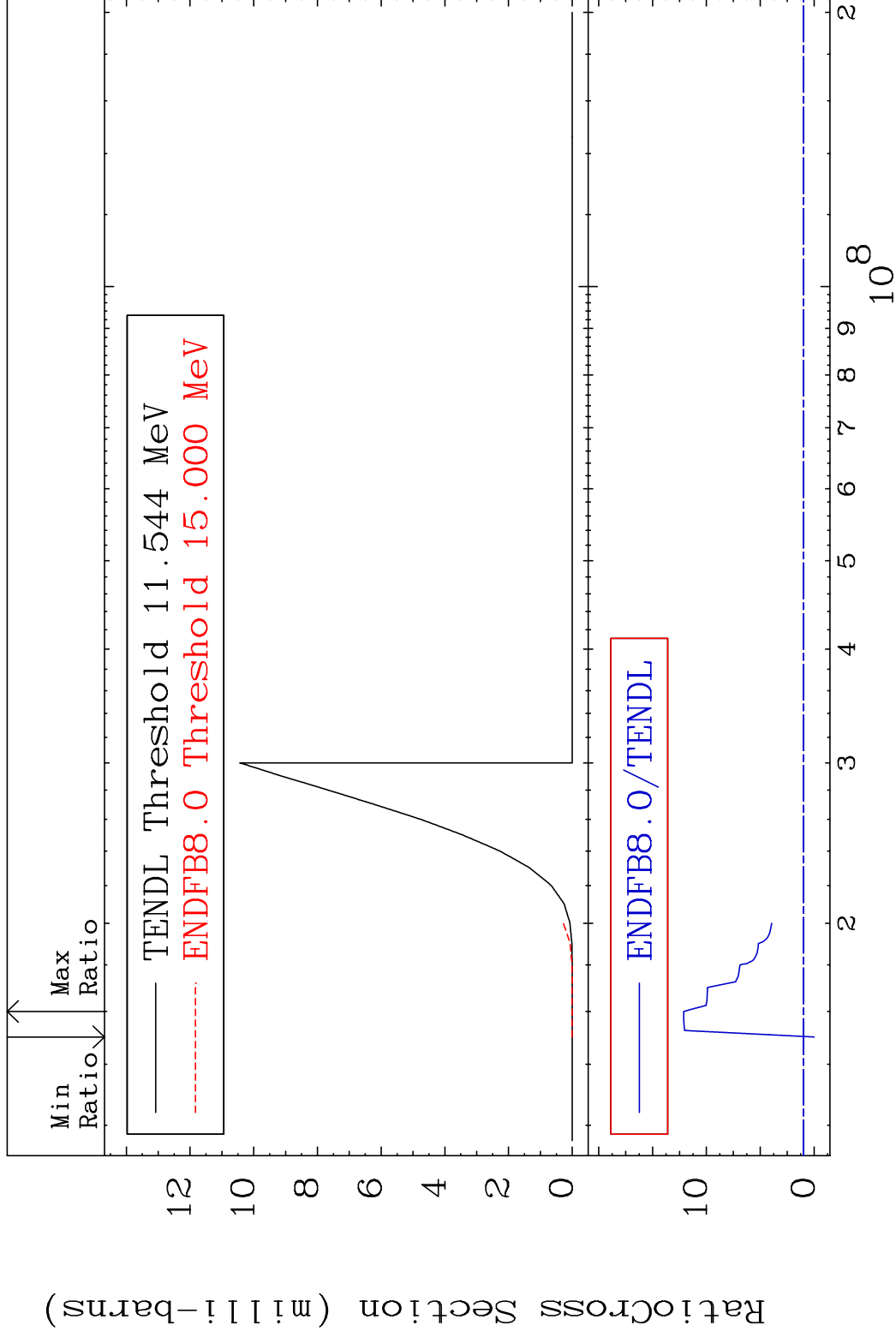
70-Yb-173

MAT 7040

(n, n') d

70-Yb-173

Cross Section -100.0 To 1111. %

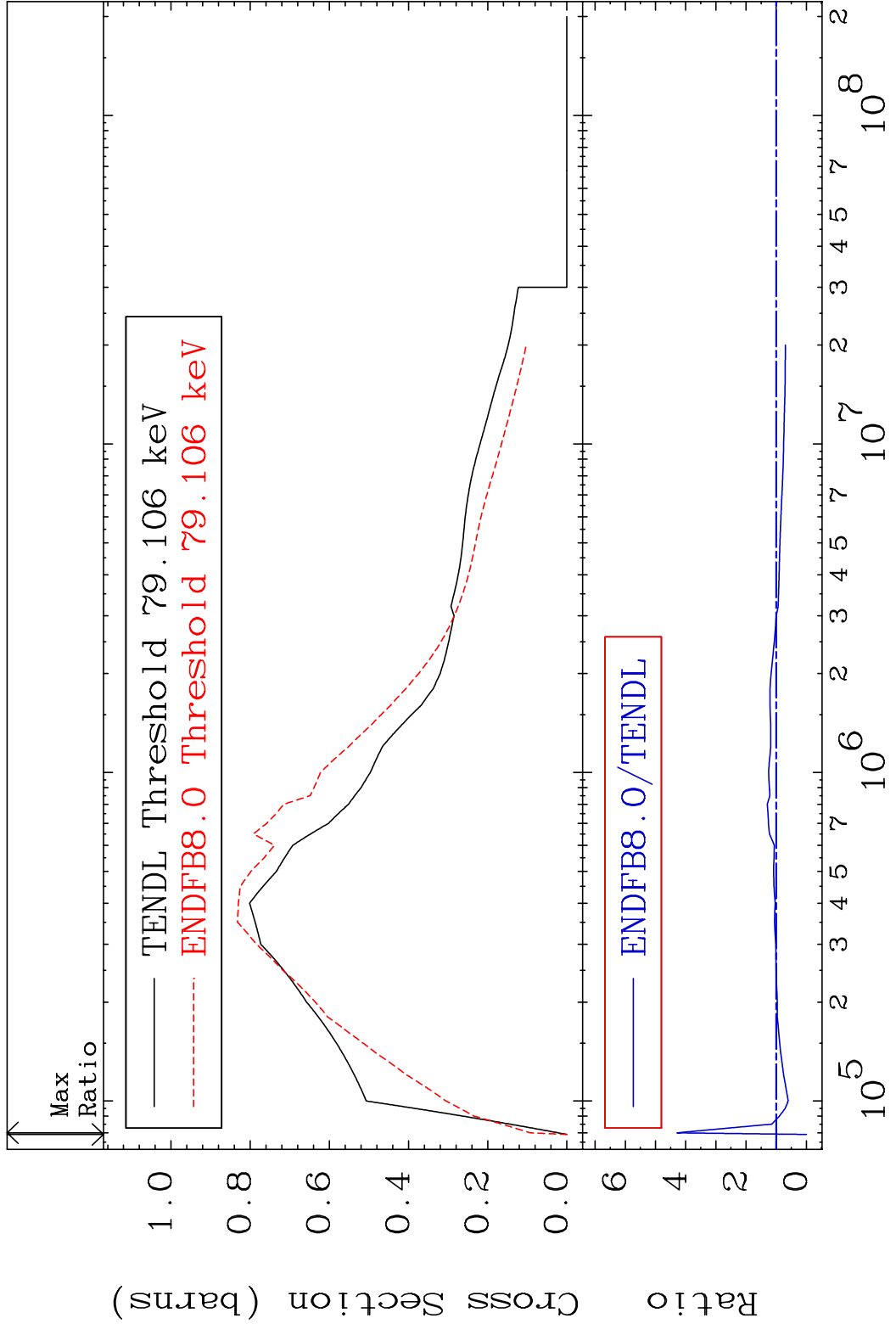


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Incident Energy (eV)

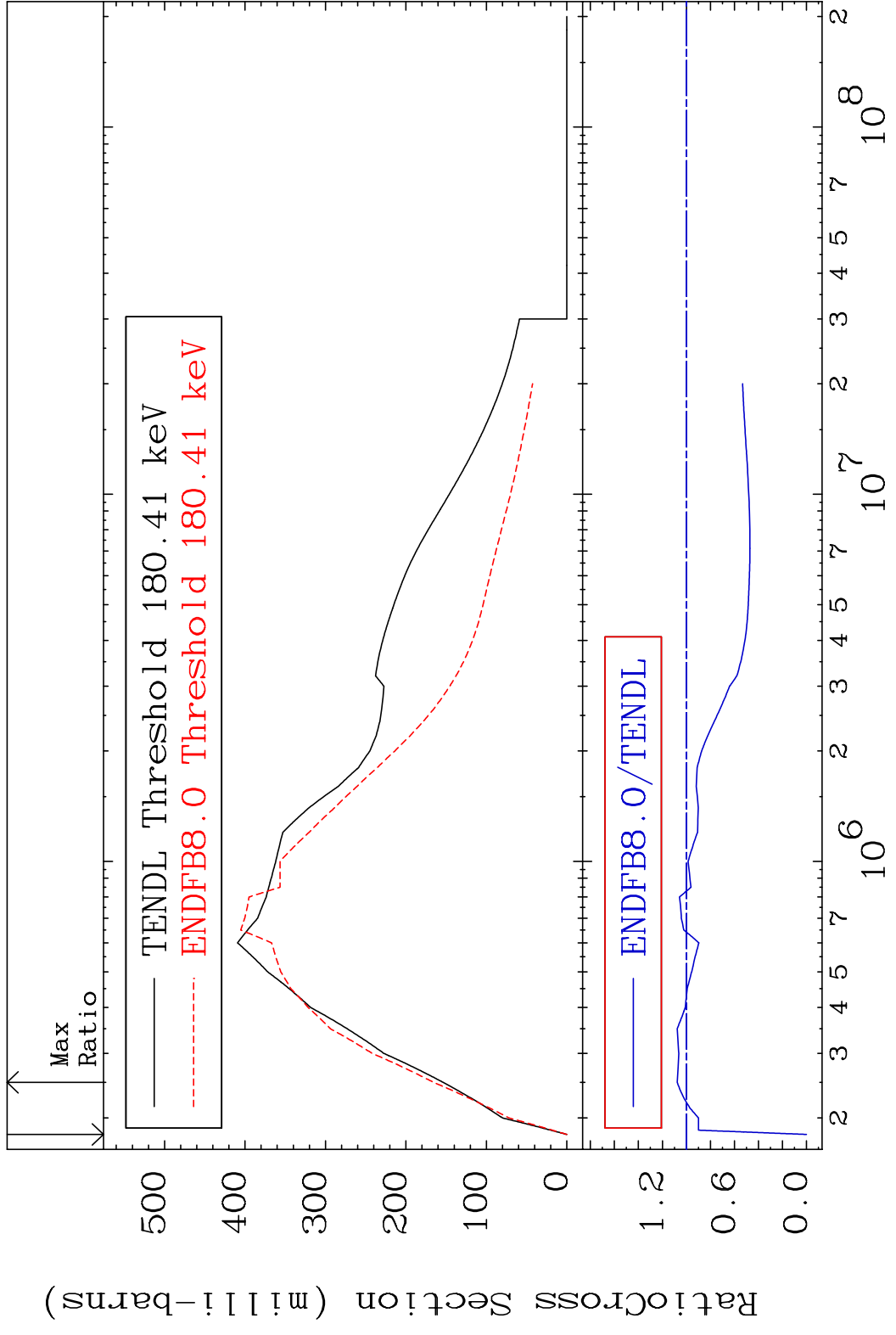
70-Yb-173

MAT 7040 MT= 51 (n,n') Level 70-Yb-173
 Cross Section -100.0 To 328.1 %



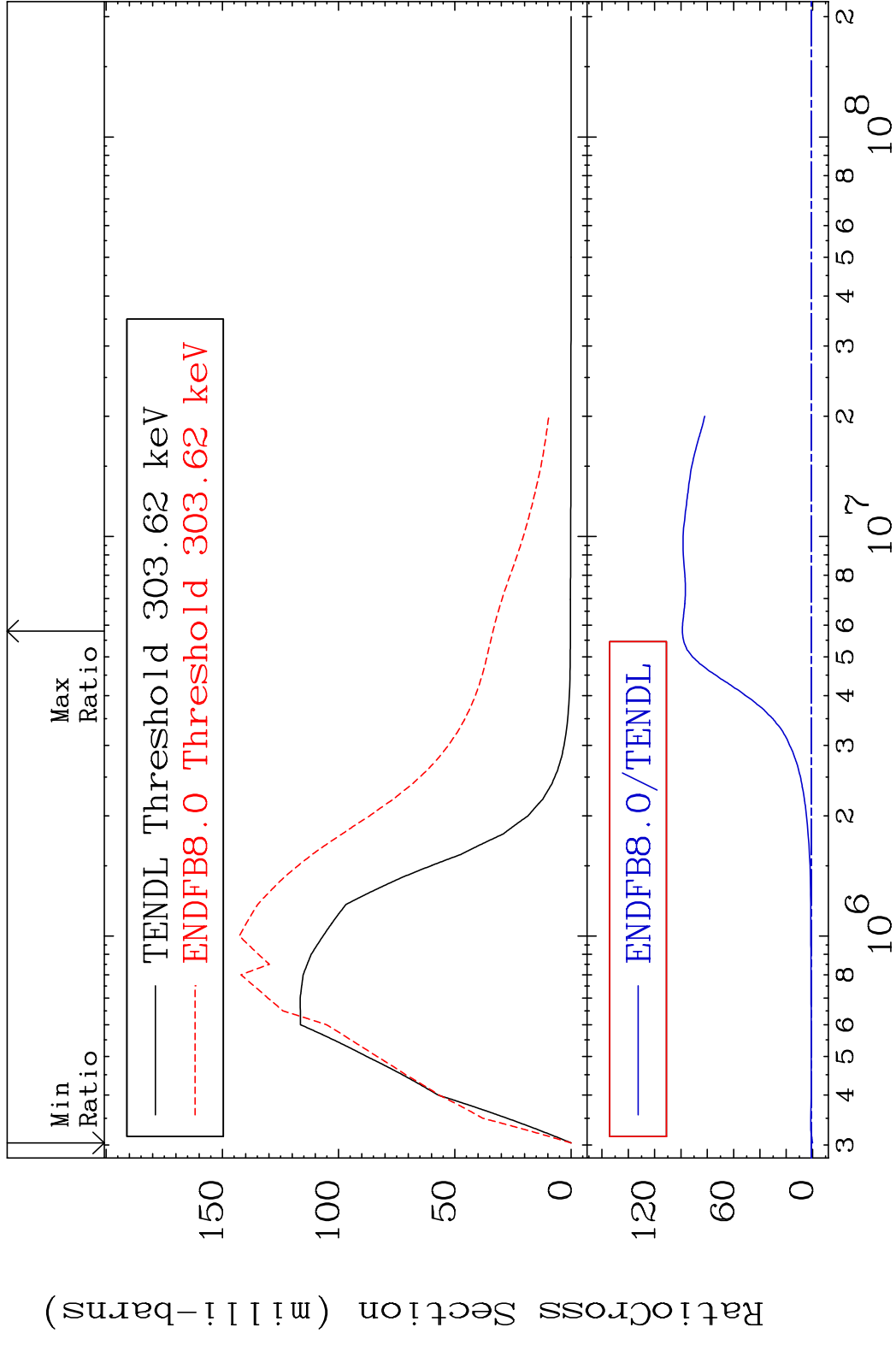
9 Incident Energy (eV) 70-Yb-173

MAT 7040 MT= 52 (n,n') Level 70-Yb-173
 Cross Section -100.0 To 7.679 %

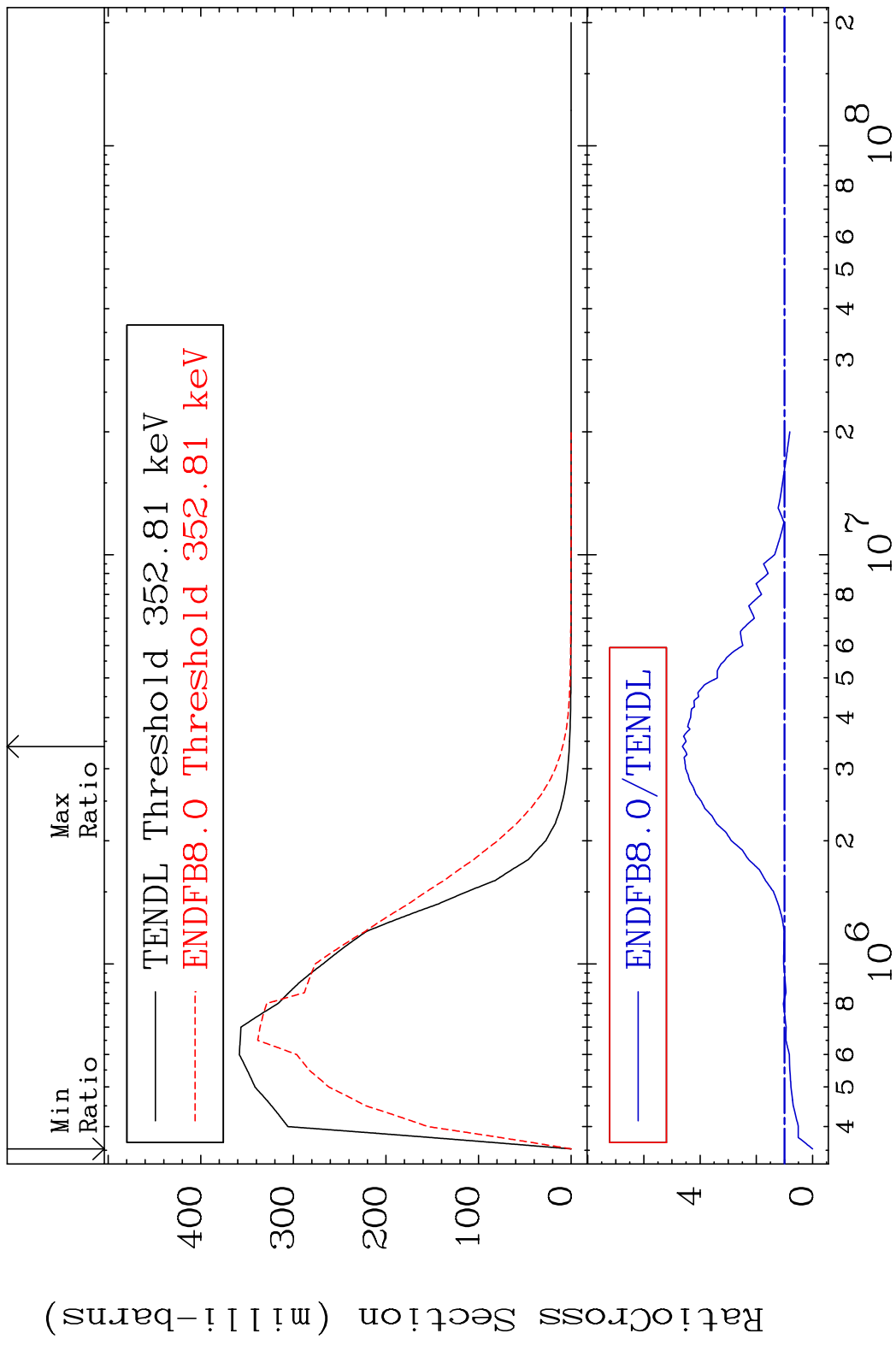


10 Incident Energy (eV) 70-Yb-173

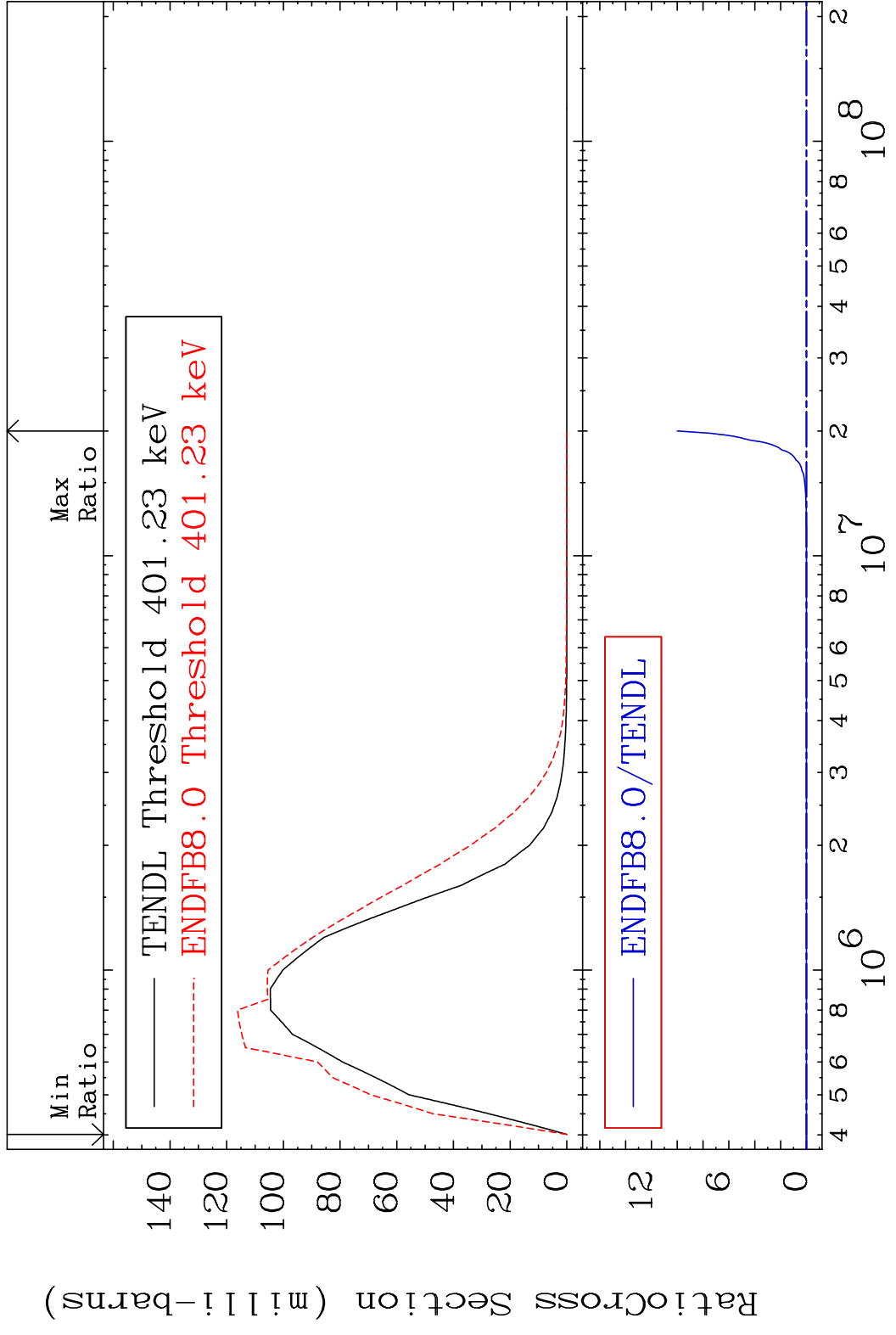
MAT 7040 MT= 53 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 9793. %



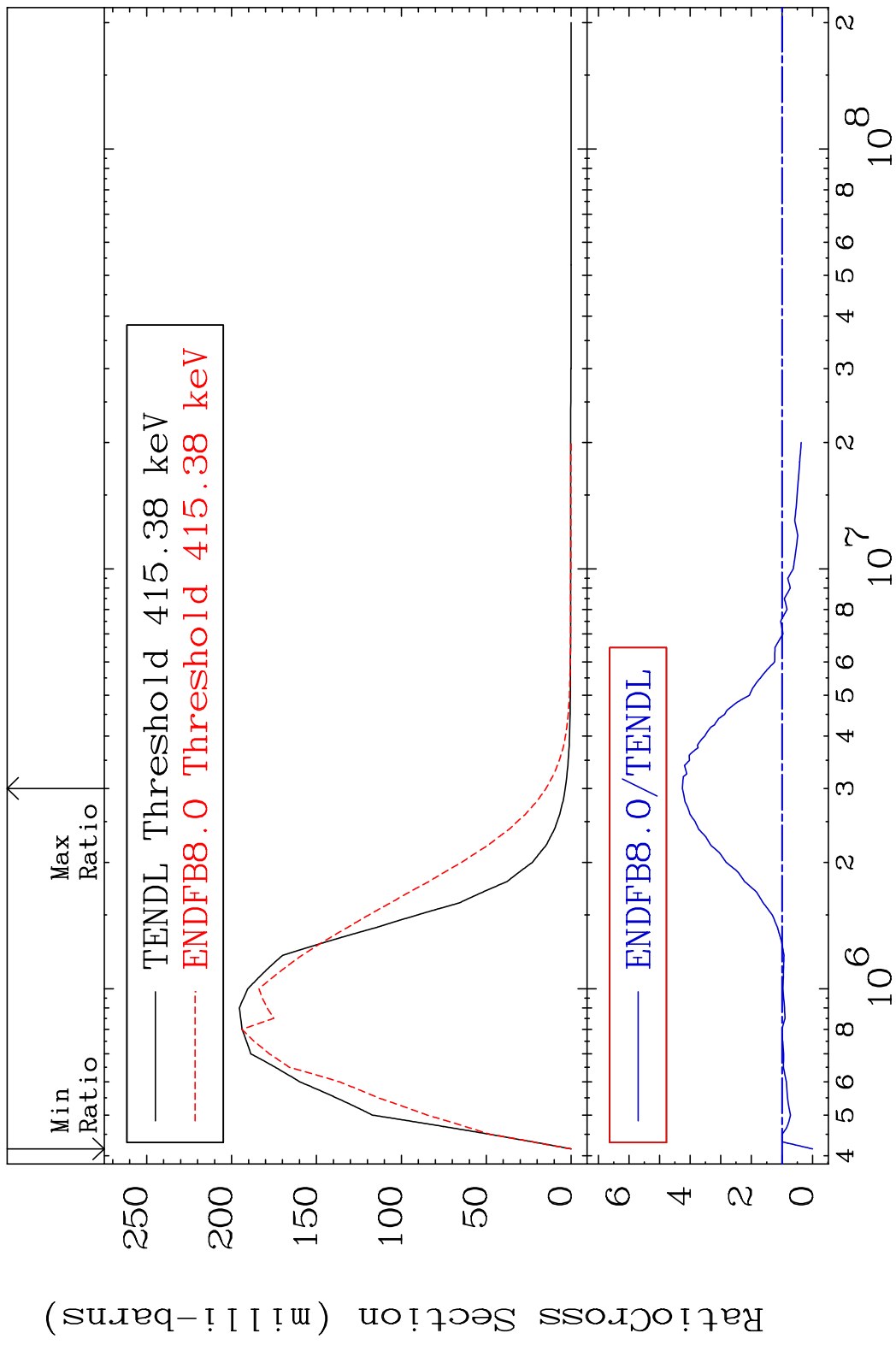
MAT 7040 MT= 54 (n,n') Level 70-Yb-173
 Cross Section -100.0 To 363.1 %



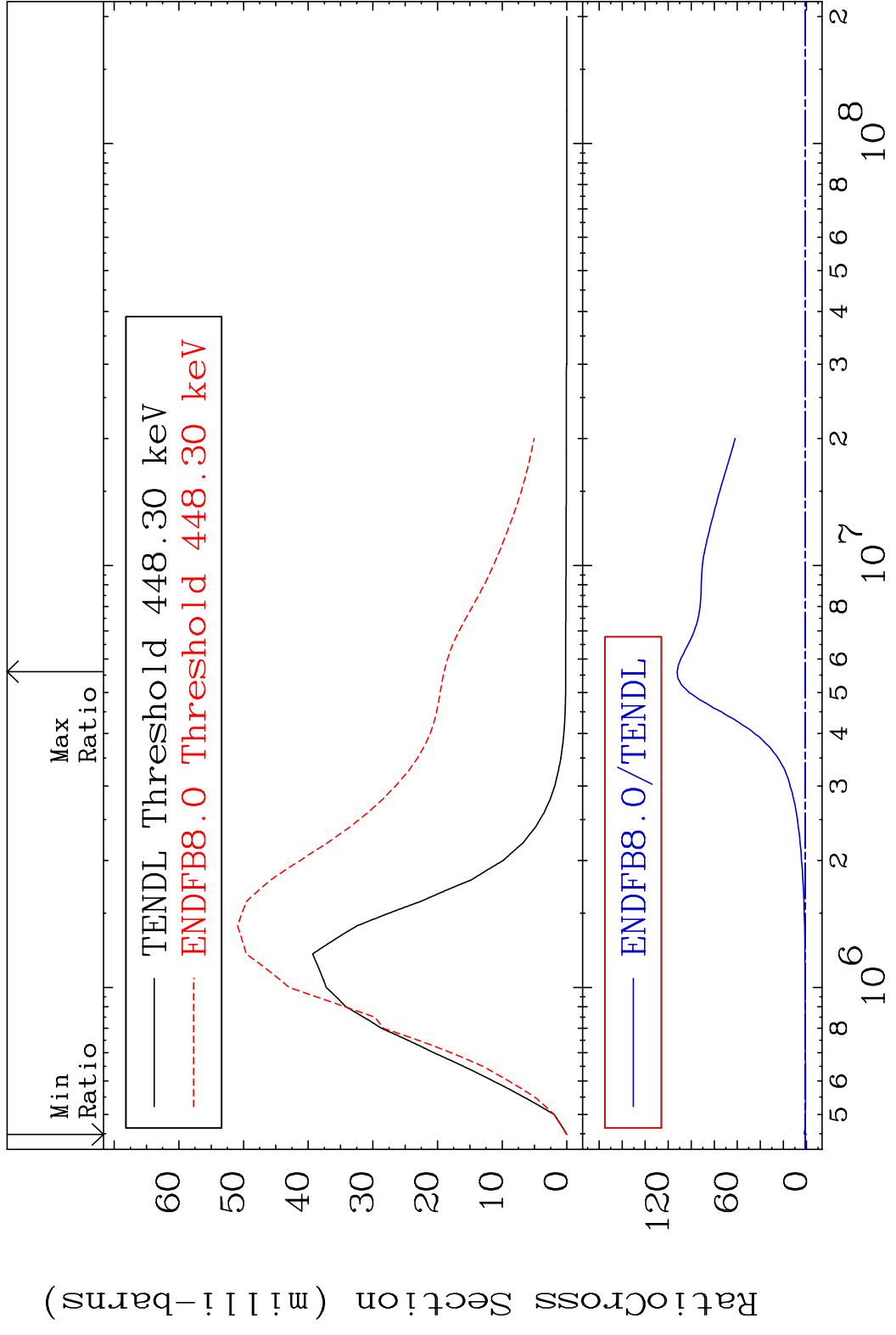
MAT 7040 MT= 55 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 9999. %



MAT 7040 MT= 56 (n,n') Level 70-Yb-173
 Cross Section -100.0 To 325.6 %

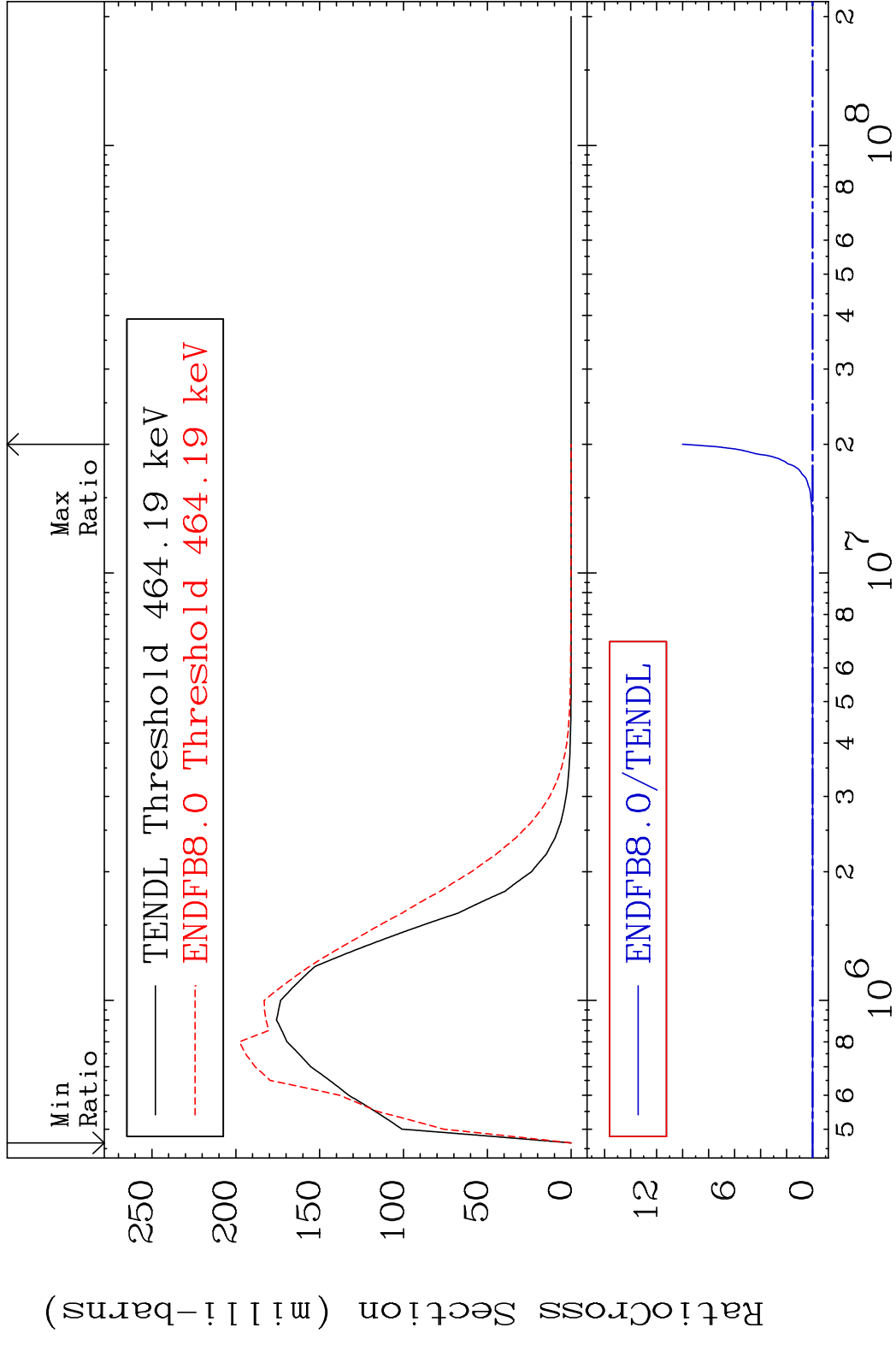


MAT 7040 MT= 57 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 9999. %



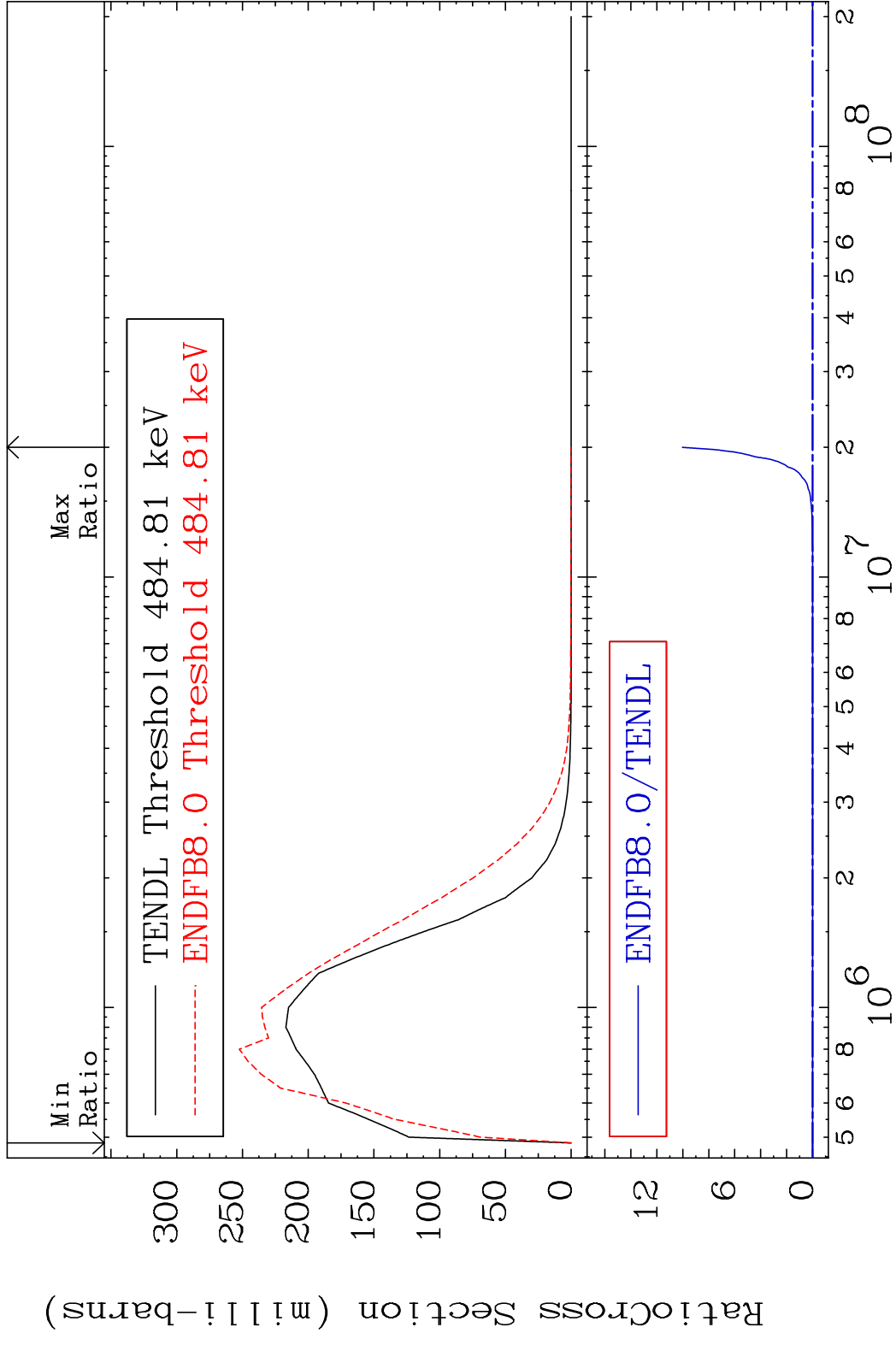
15 Incident Energy (eV) 70-Yb-173

MAT 7040 MT= 58 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 9999. %

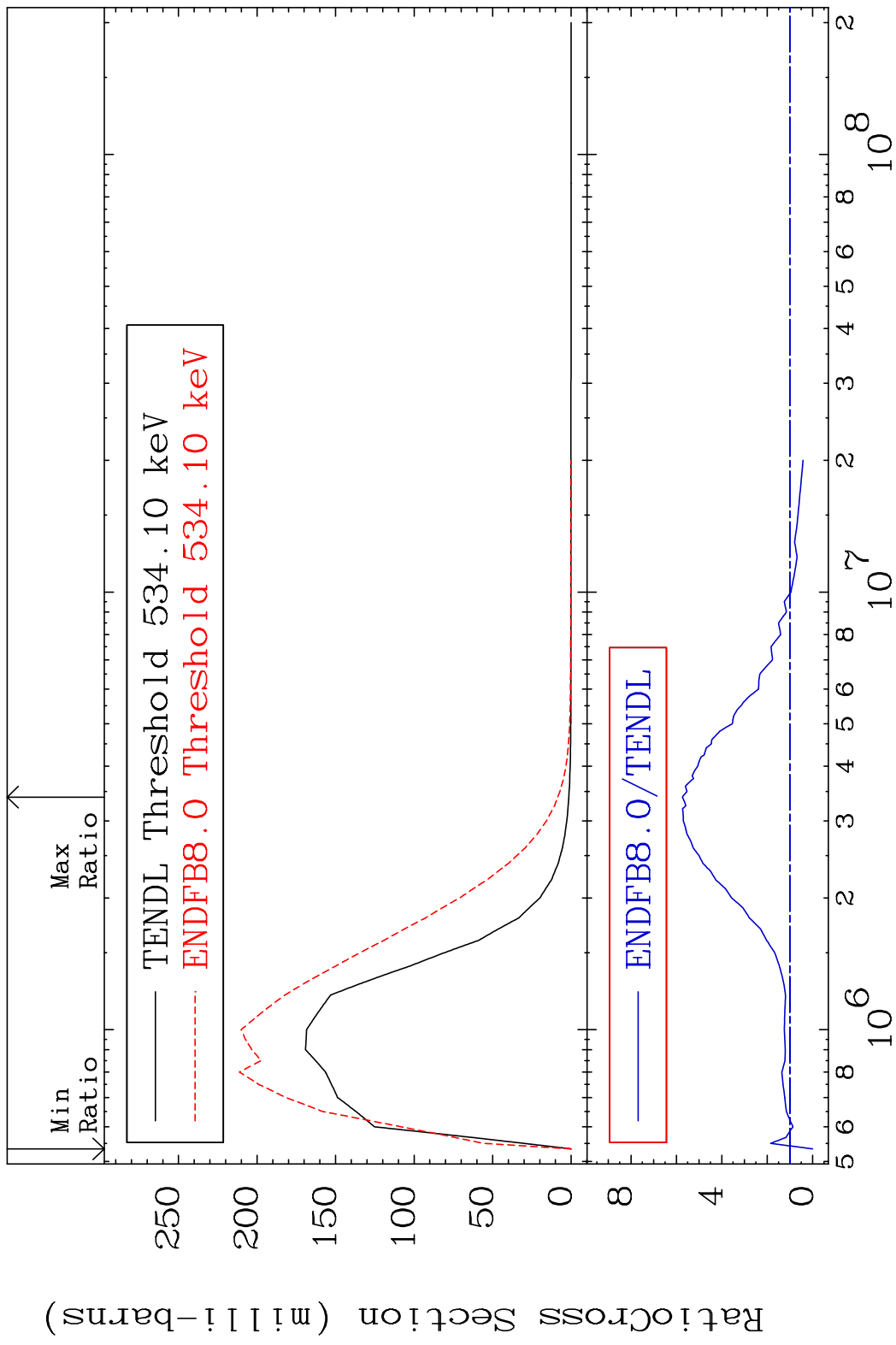


16 Incident Energy (eV) 70-Yb-173

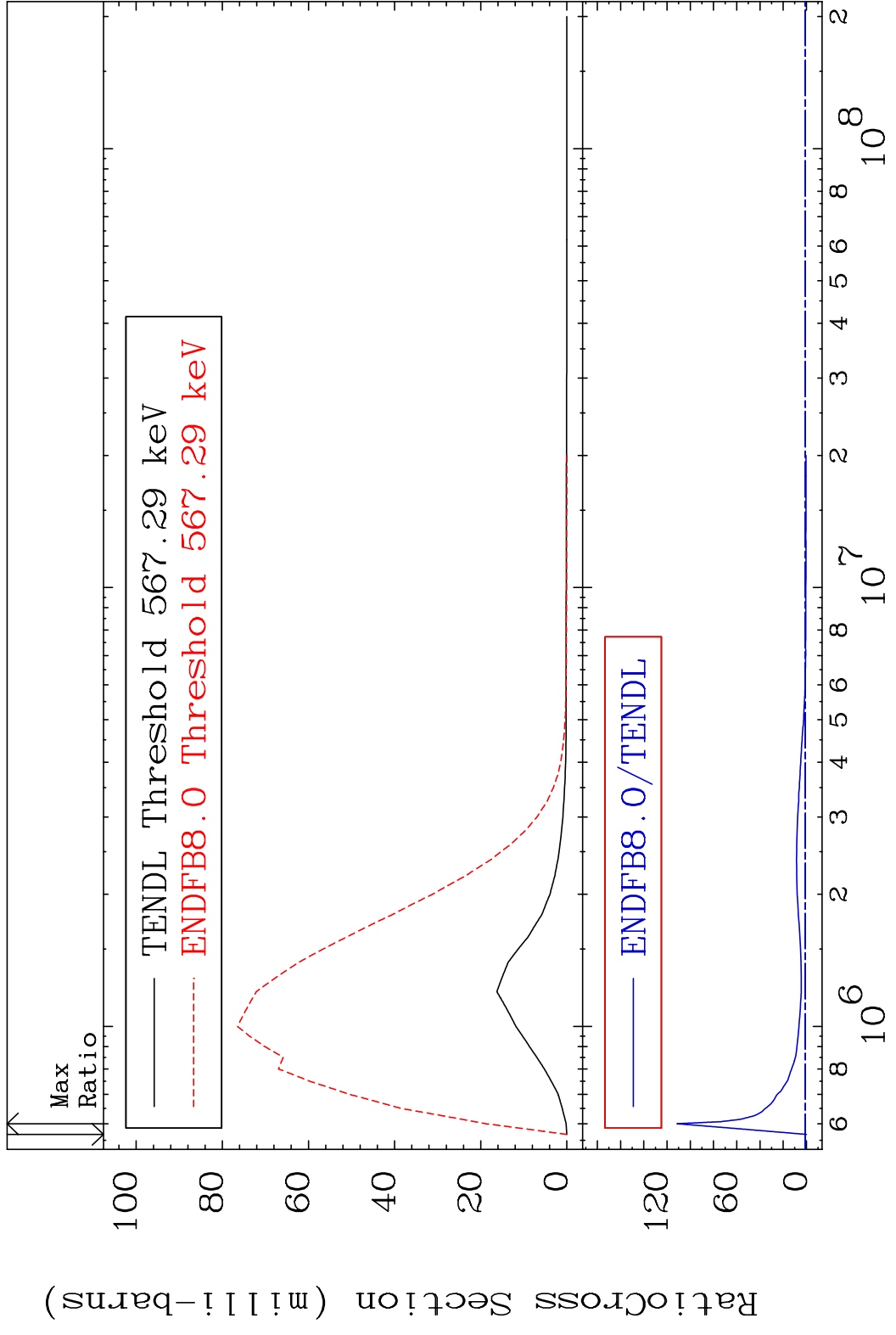
MAT 7040 MT= 59 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 9999. %



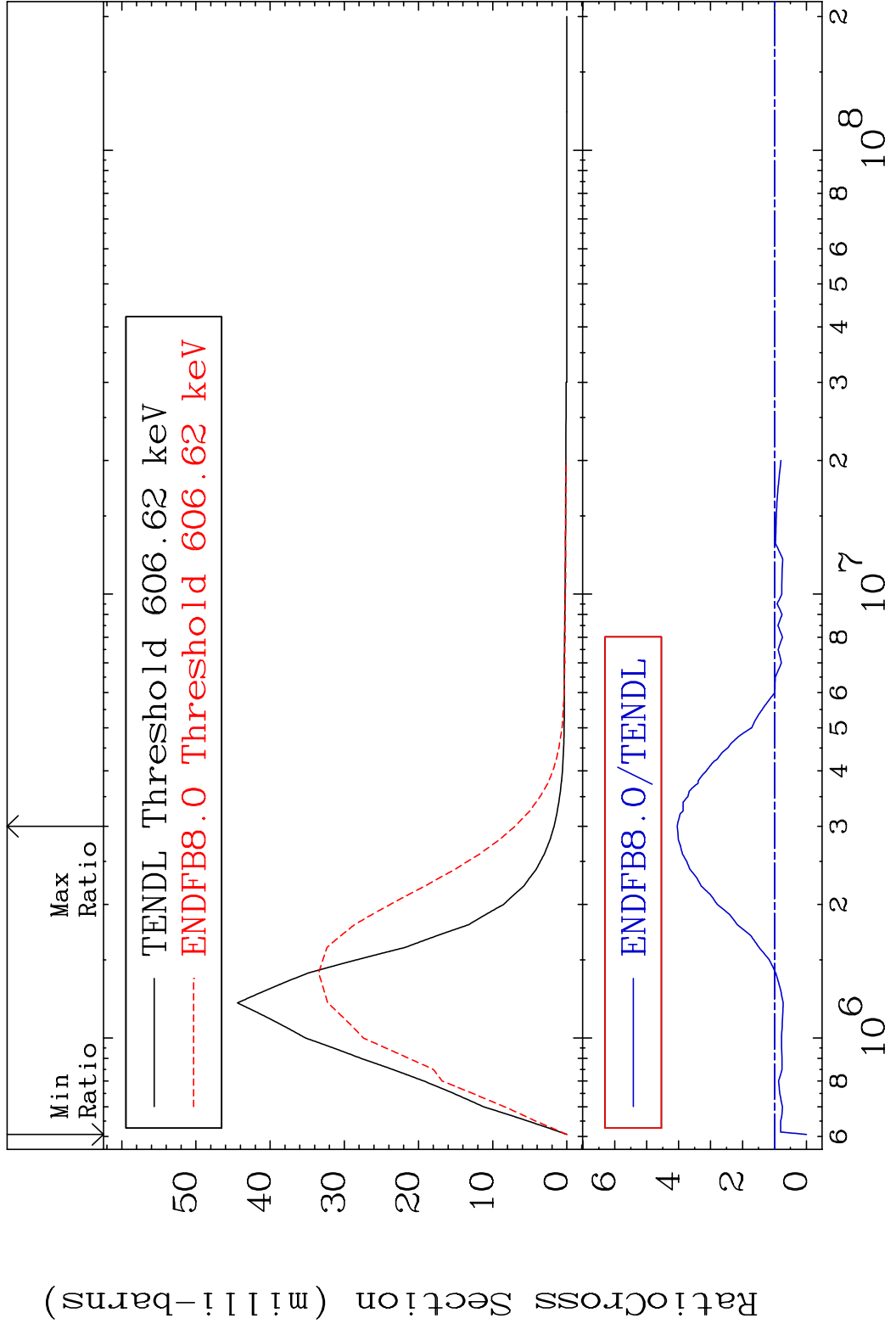
MAT 7040 MT= 60 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 473.7 %



MAT 7040 MT= 61 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 9999. %

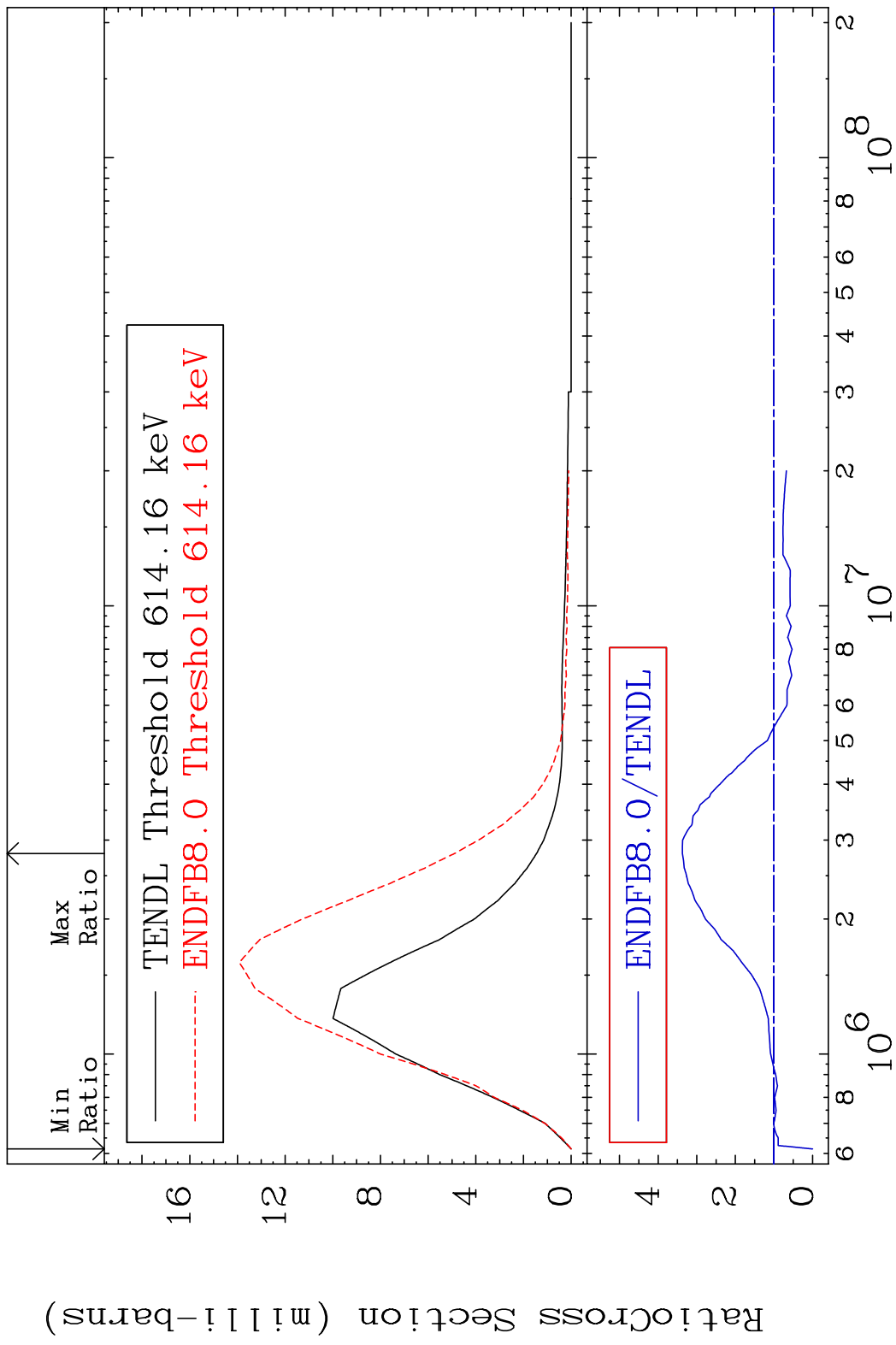


MAT 7040 MT= 62 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 304.6 %

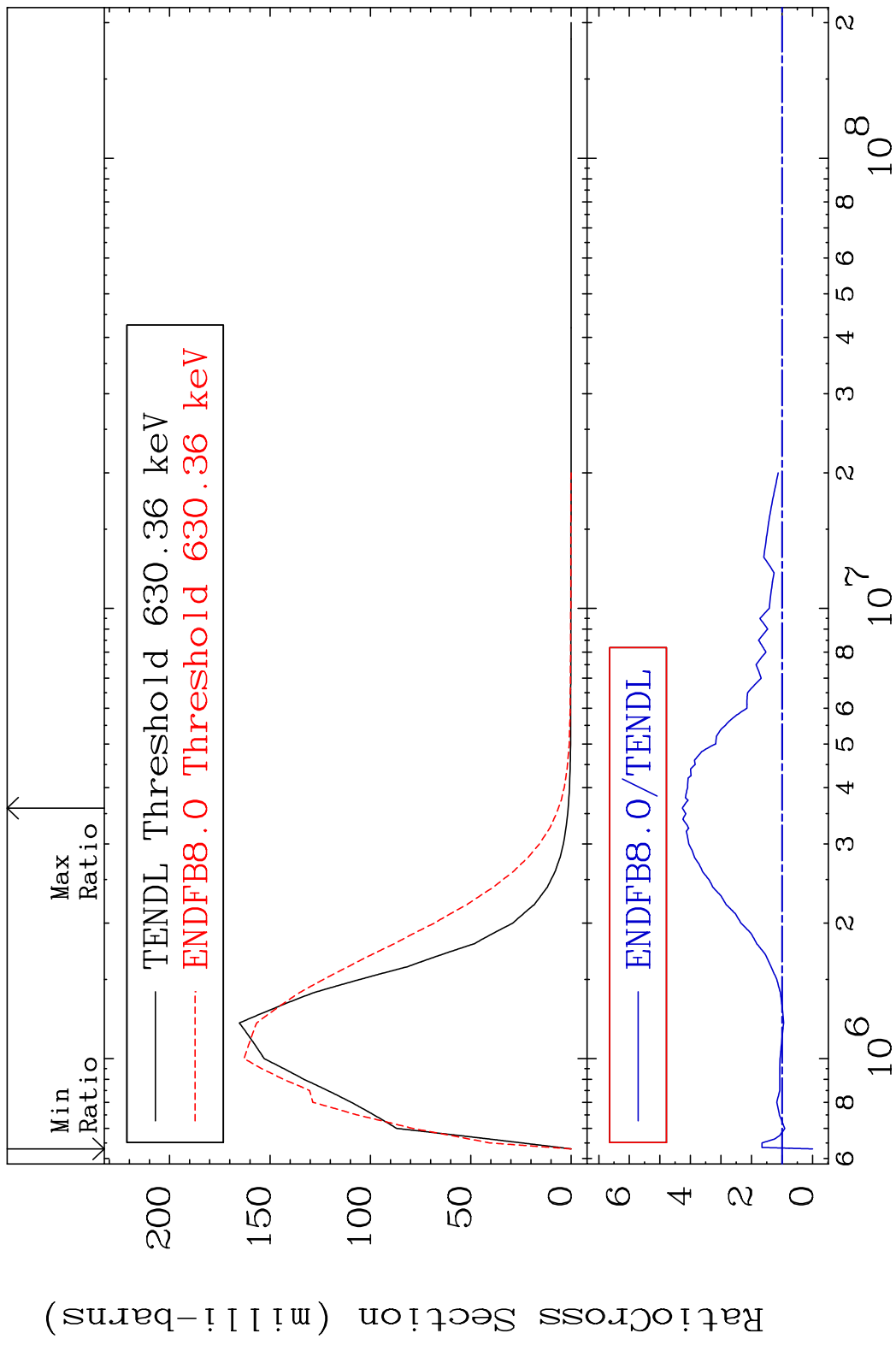


20 Incident Energy (eV) 70-Yb-173

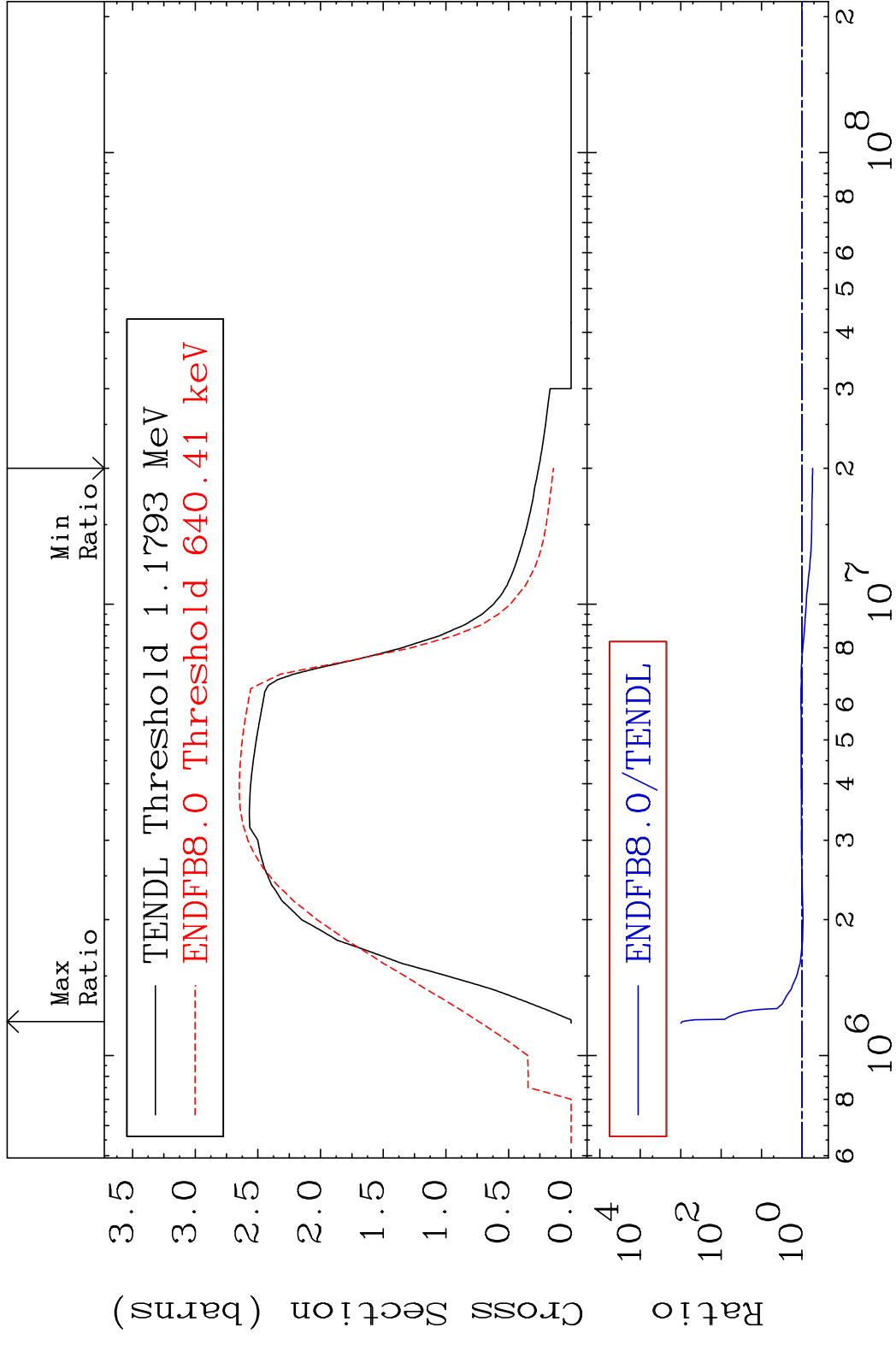
MAT 7040 MT= 63 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 237.2 %



MAT 7040 MT= 64 (n, n') Level 70-Yb-173
 Cross Section -100.0 To 326.4 %



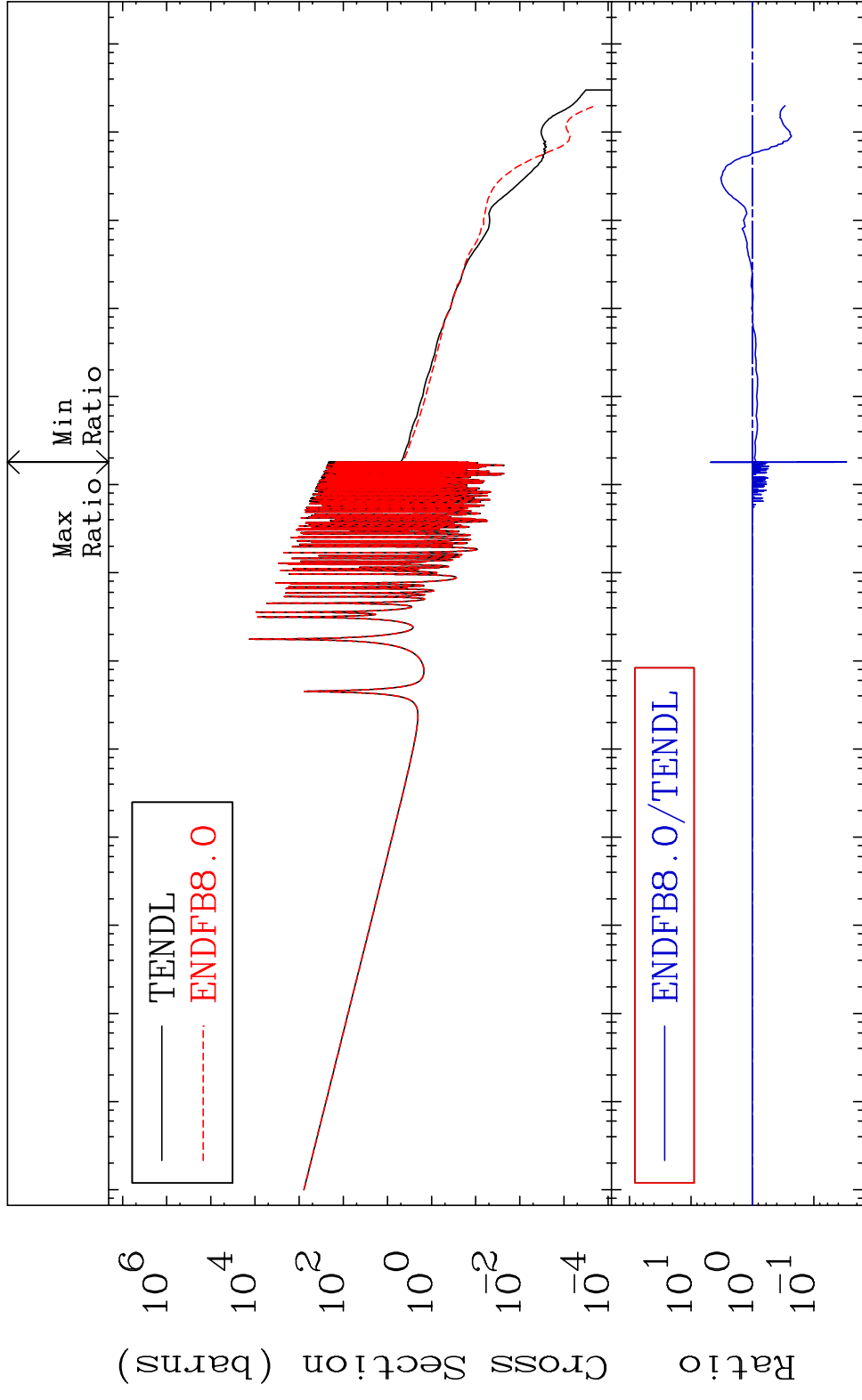
MAT 7040 (n, n') Continuum 70-Yb-173
 Cross Section -45.49 To 9999. %



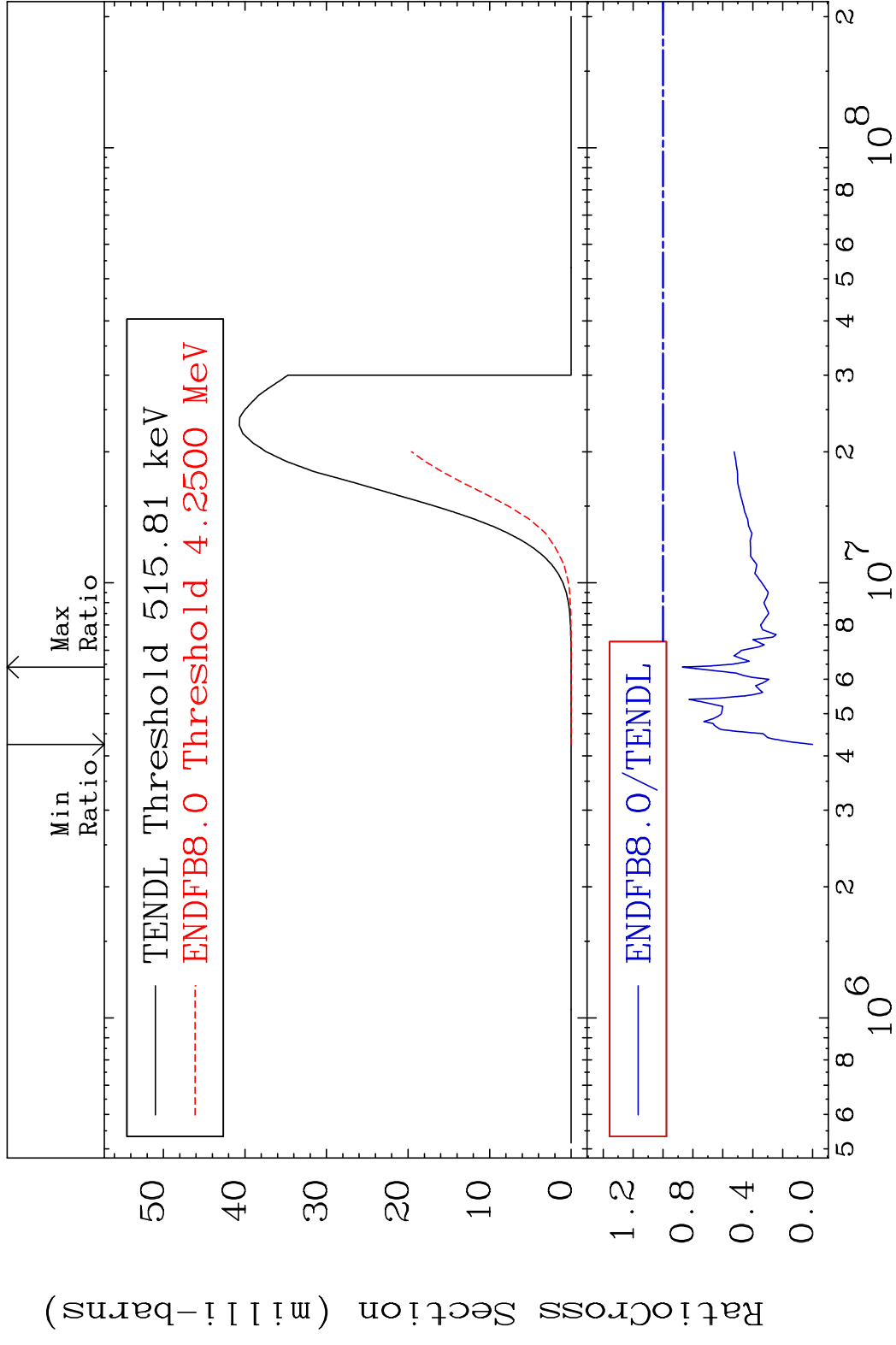
MAT 7040

(n, γ)
Cross Section -97.03 To 376.5 %

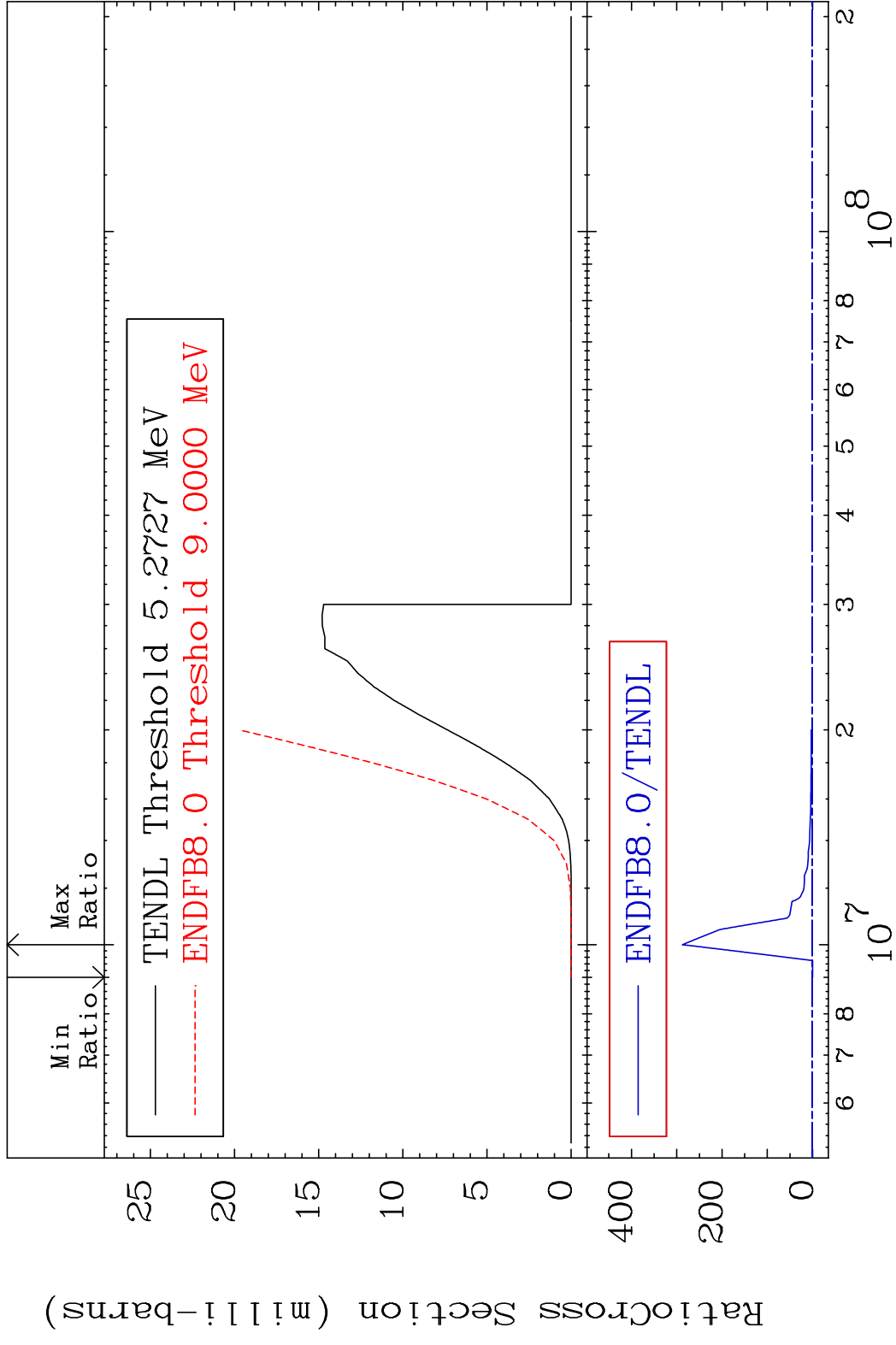
70-Yb-173



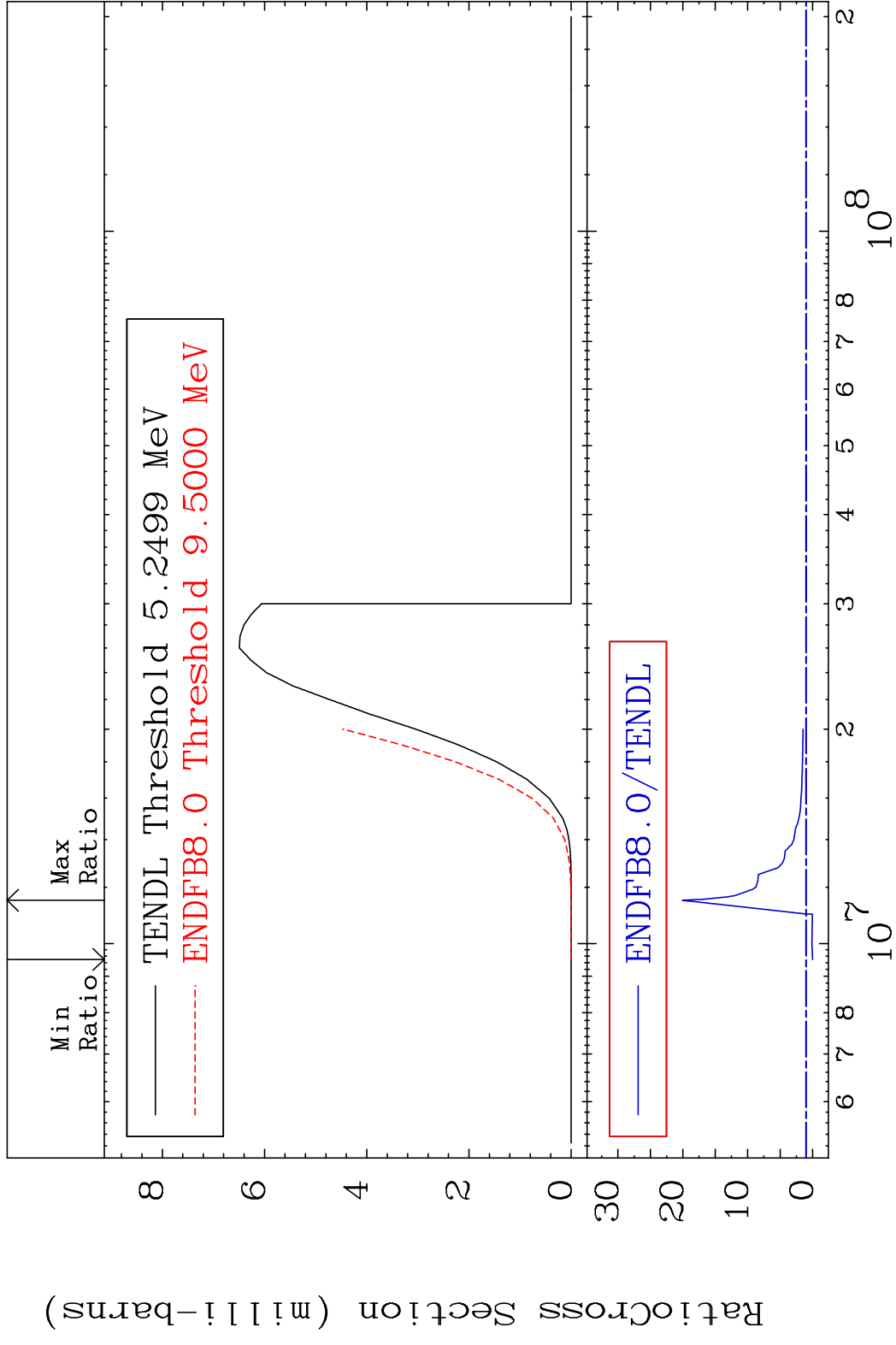
MAT 7040 (n,p) 70-Yb-173
 Cross Section -100.0 To -12.92%



MAT 7040 (n,d) 70-Yb-173
 Cross Section -100.0 To 9999. %



MAT 7040 (n, t) 70-Yb-173
 Cross Section -100.0 To 1907. %

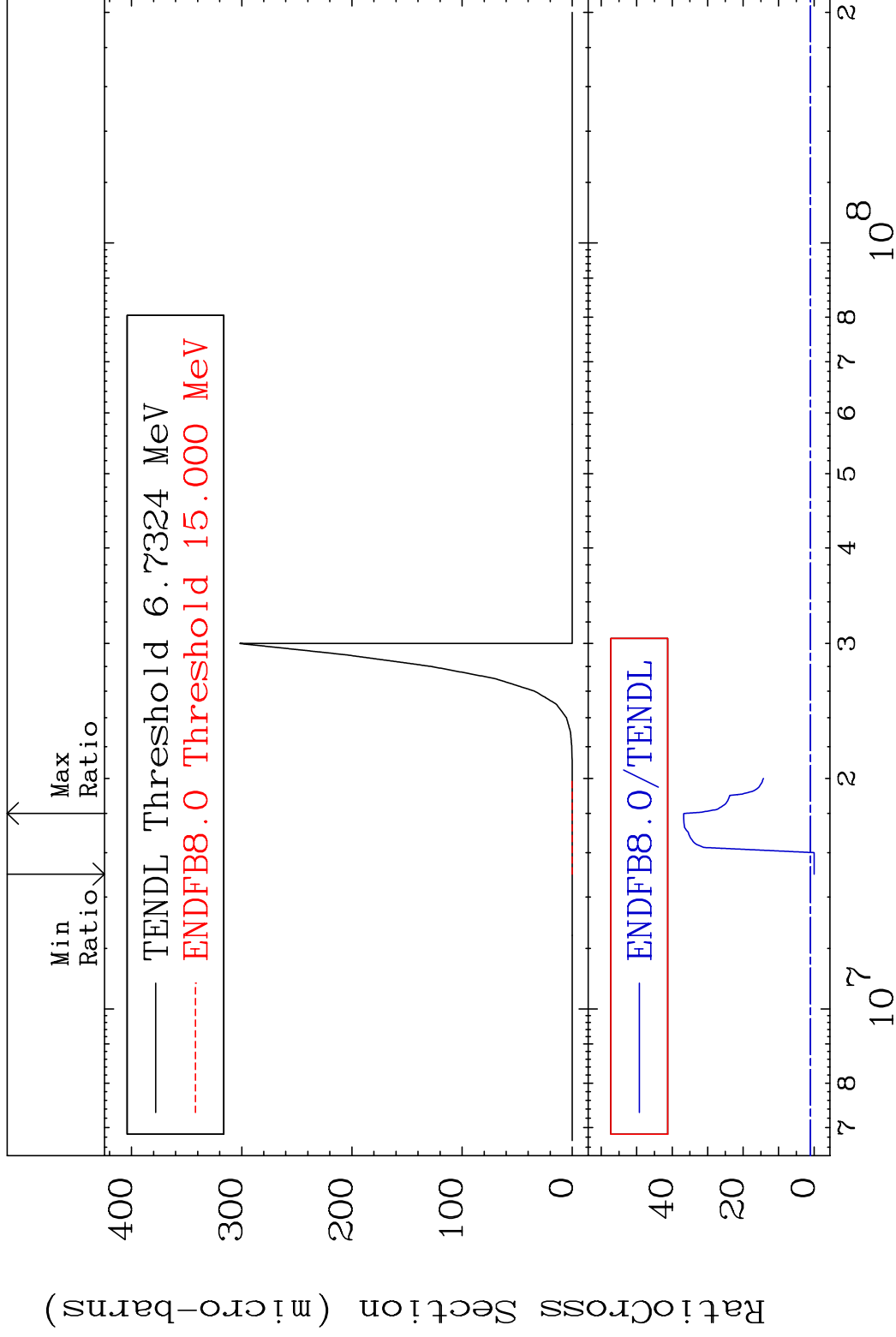


MAT 7040

(n, He-3)

70-Yb-173

Cross Section -100.0 To 3576. %



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Incident Energy (eV)

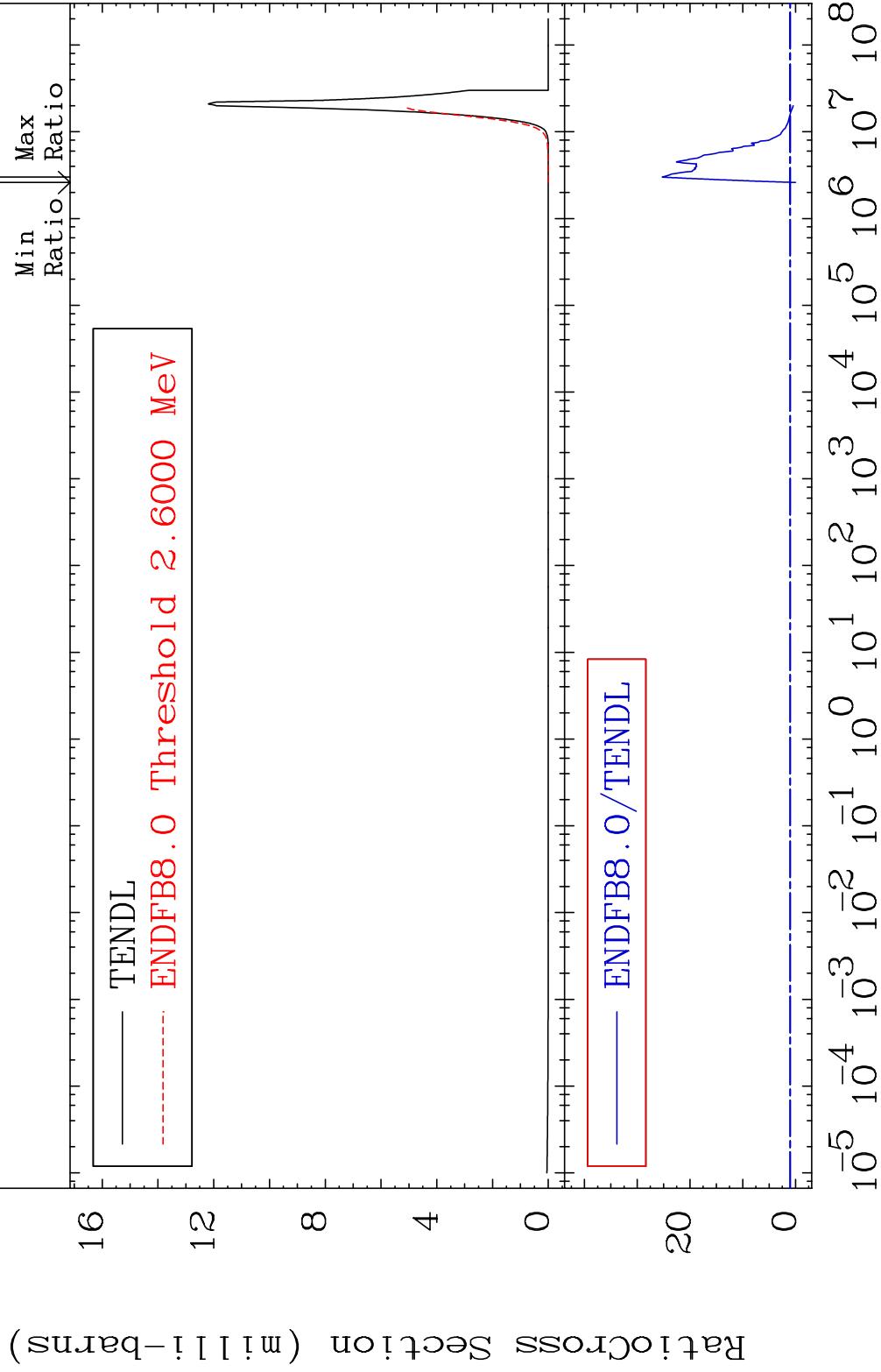
70-Yb-173

MAT 7040

(n, α)

70-Yb-173

Cross Section -100.0 To 2427. %

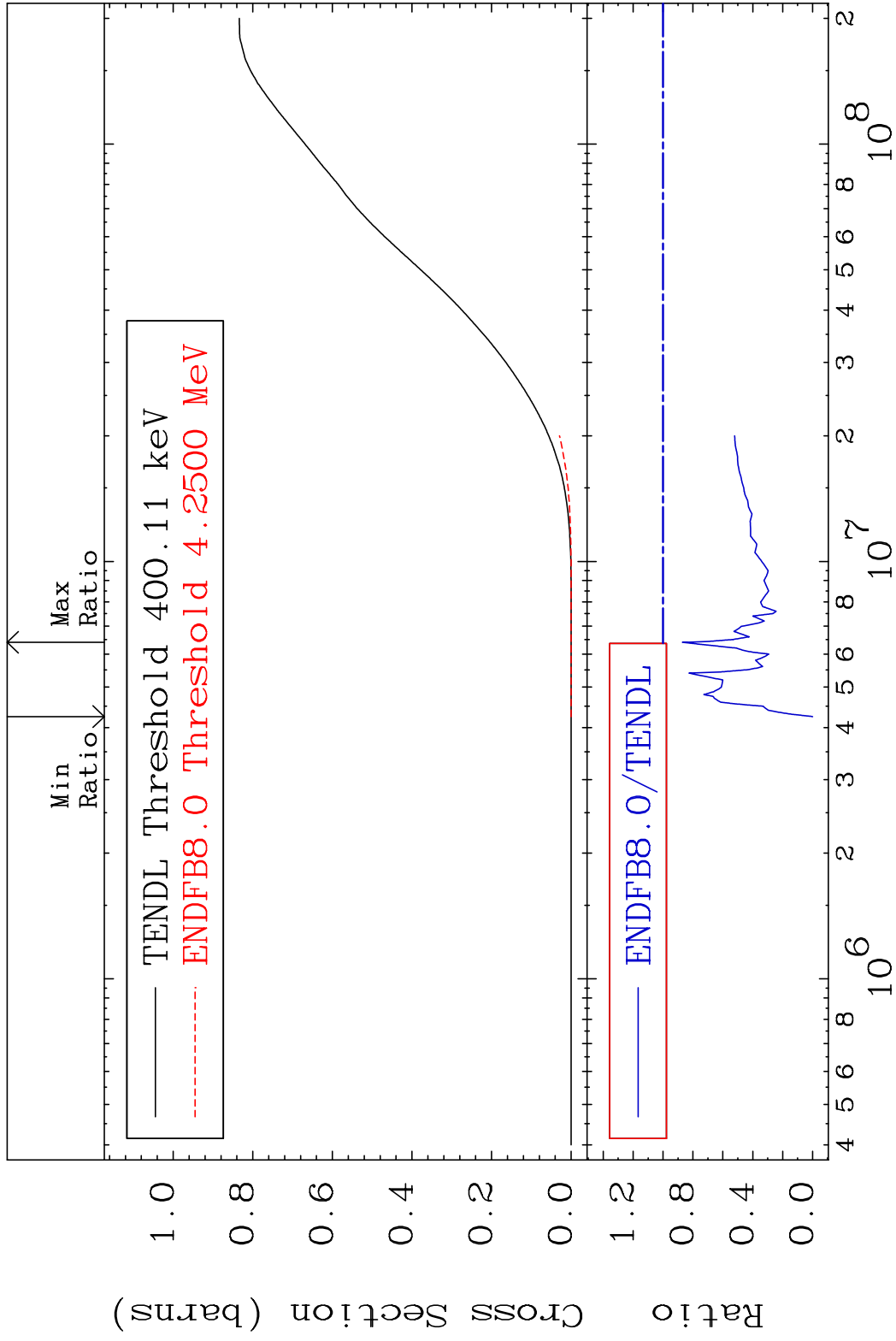


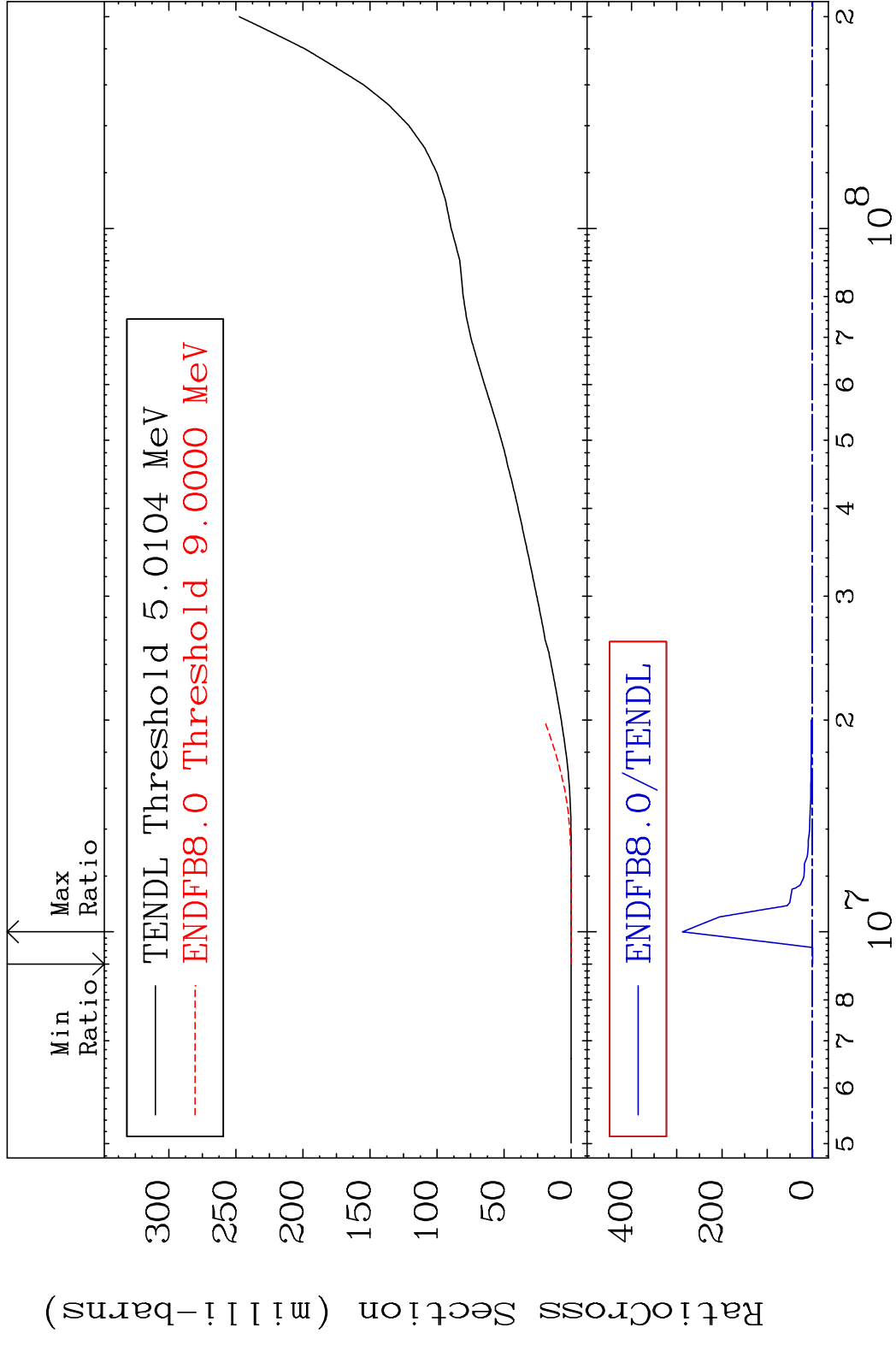
29

Incident Energy (eV)

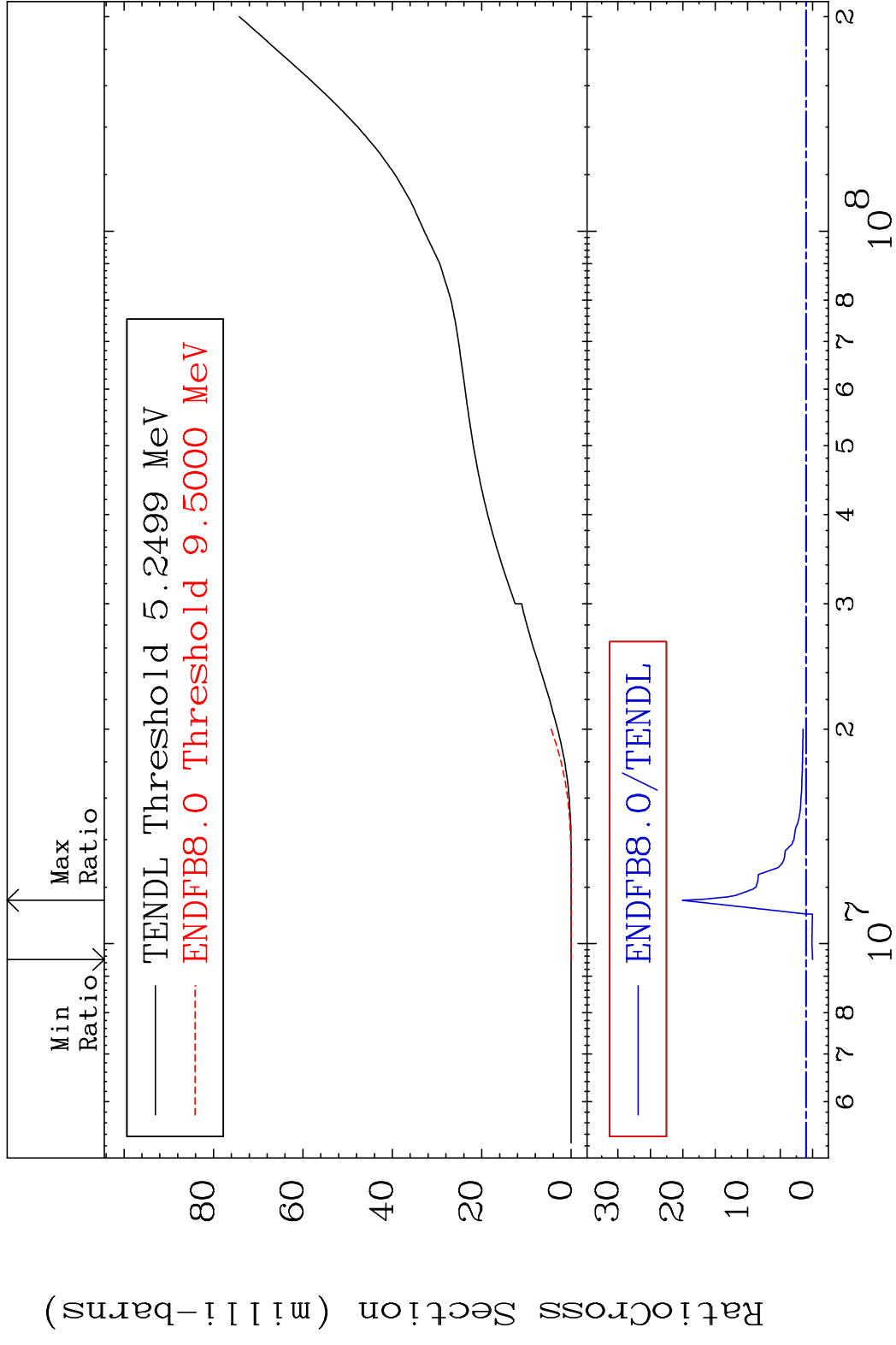
70-Yb-173

Cross Section -100.0 To -12.92%





MAT 7040 Tritium Production 70-Yb-173
 Cross Section -100.0 To 1907. %

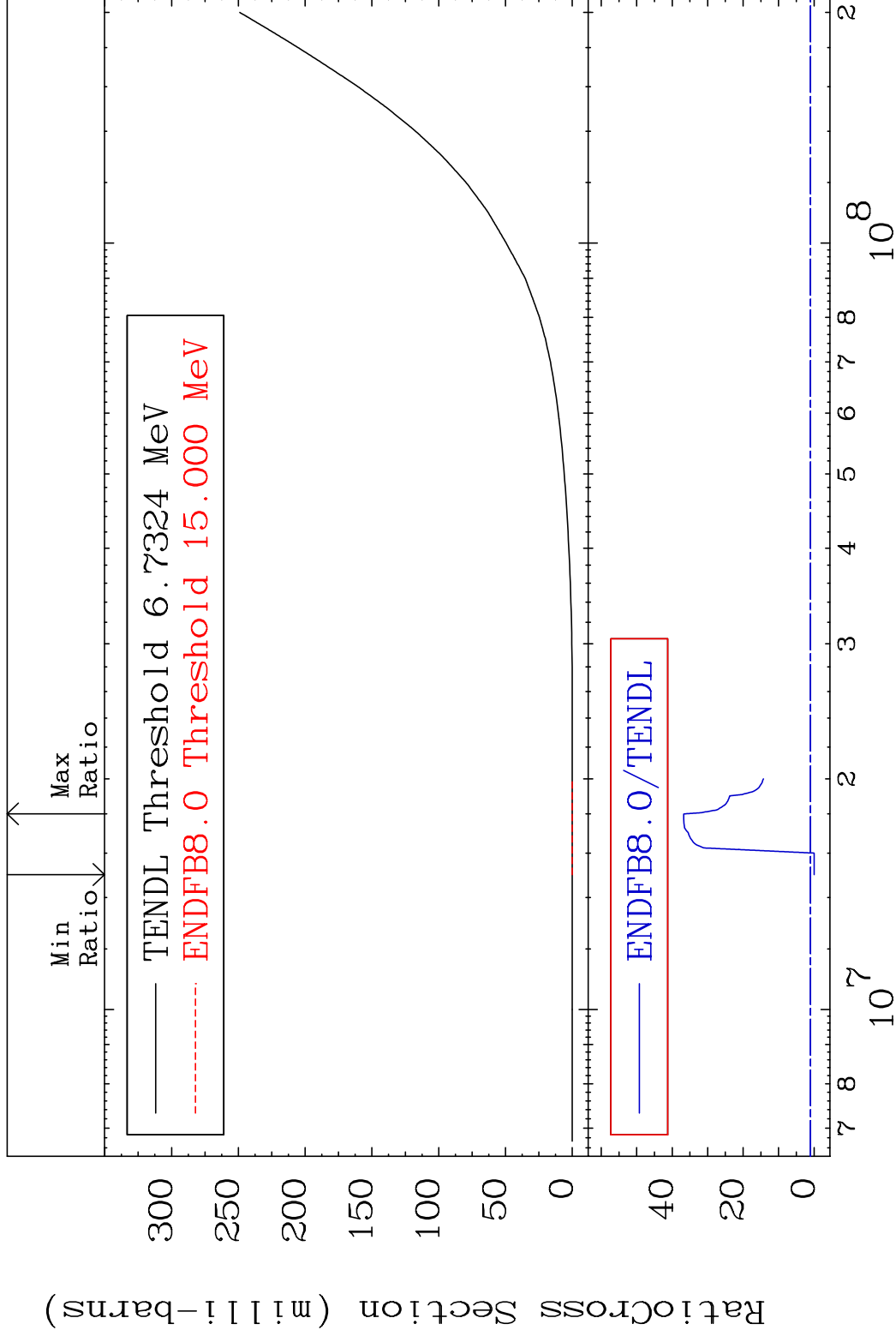


MAT 7040

He-3 Production

70-Yb-173

Cross Section -100.0 To 3576. %



33

Incident Energy (eV)

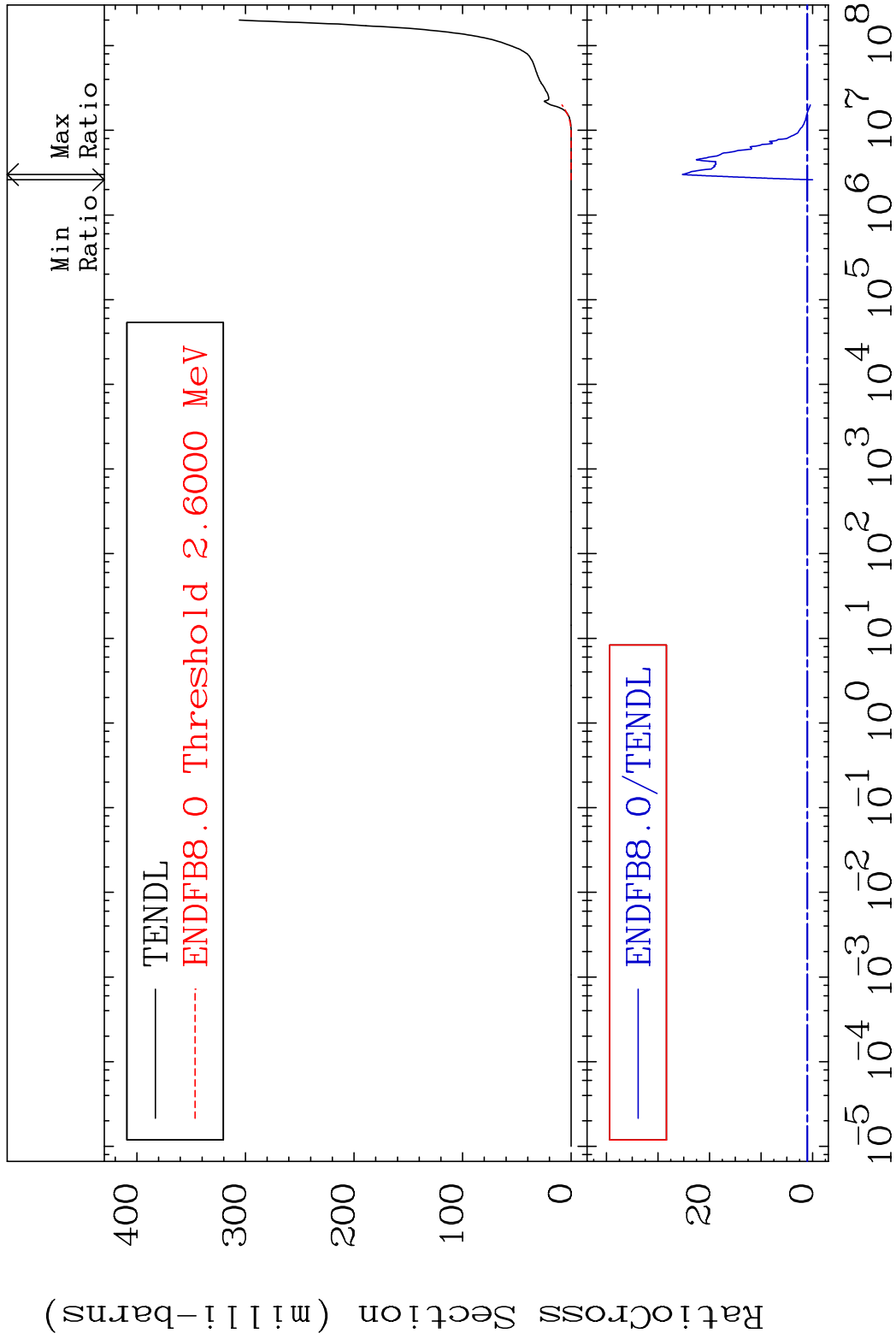
70-Yb-173

MAT 7040

He-4 Production

70-Yb-173

Cross Section -100.0 To 2427. %

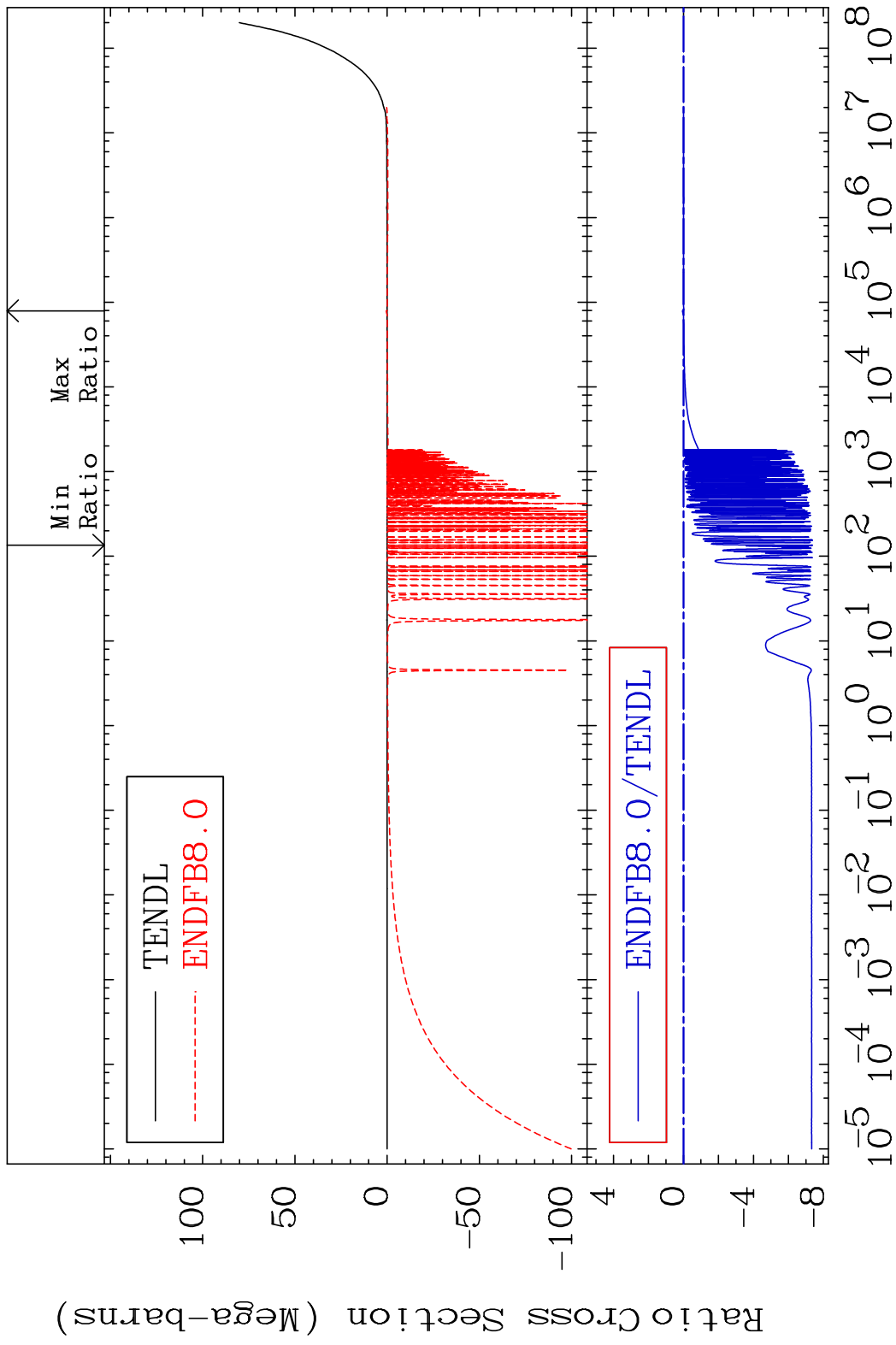


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Incident Energy (eV)

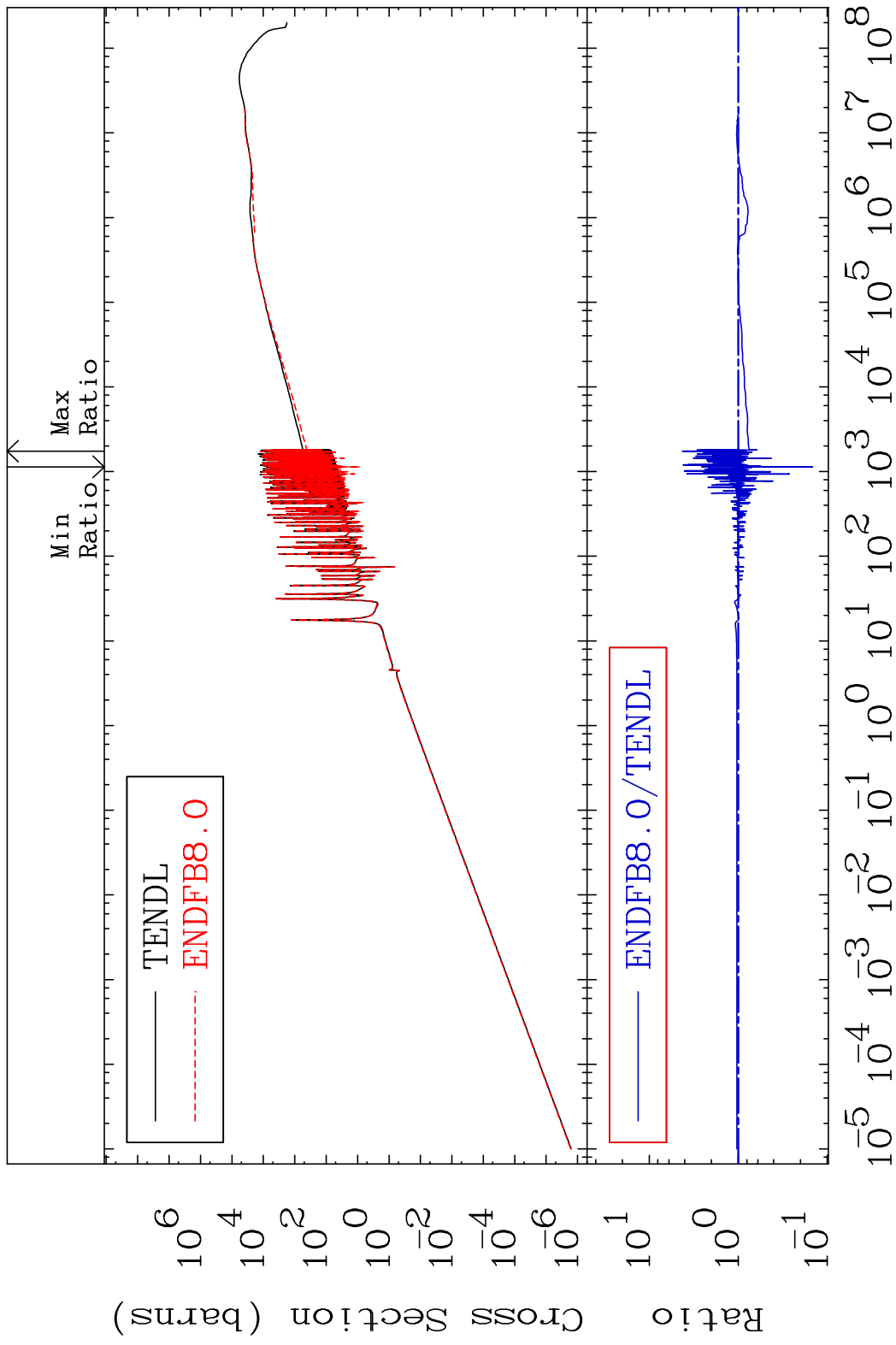
70-Yb-173

MAT 7040 Kerma total (eV-barns) 70-Yb-173
 Cross Section -9999. To 6284. %



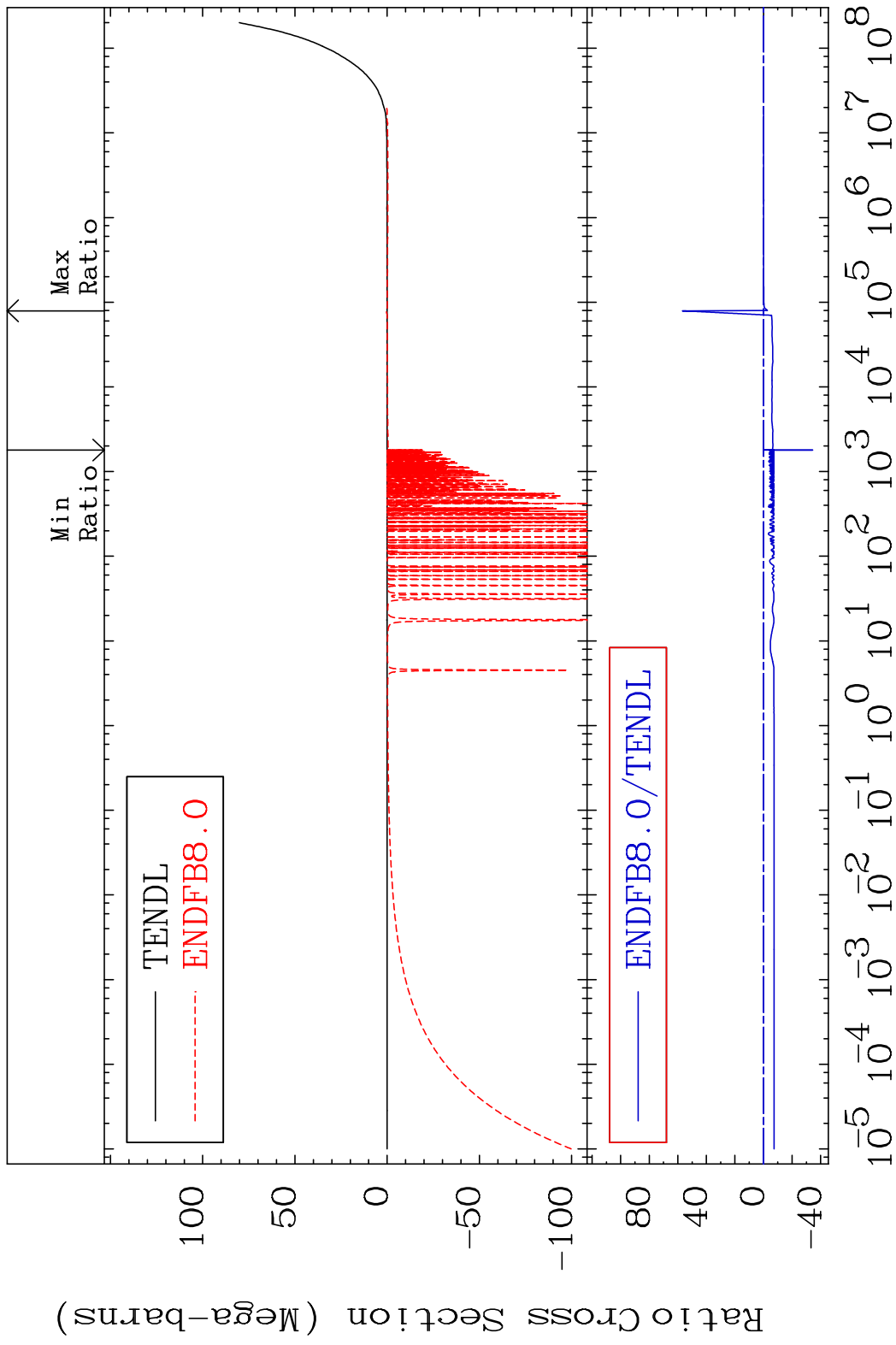
35 Incident Energy (eV) 70-Yb-173

MAT 7040 Kerma elastic 70-Yb-173
 Cross Section -85.38 To 324.4 %

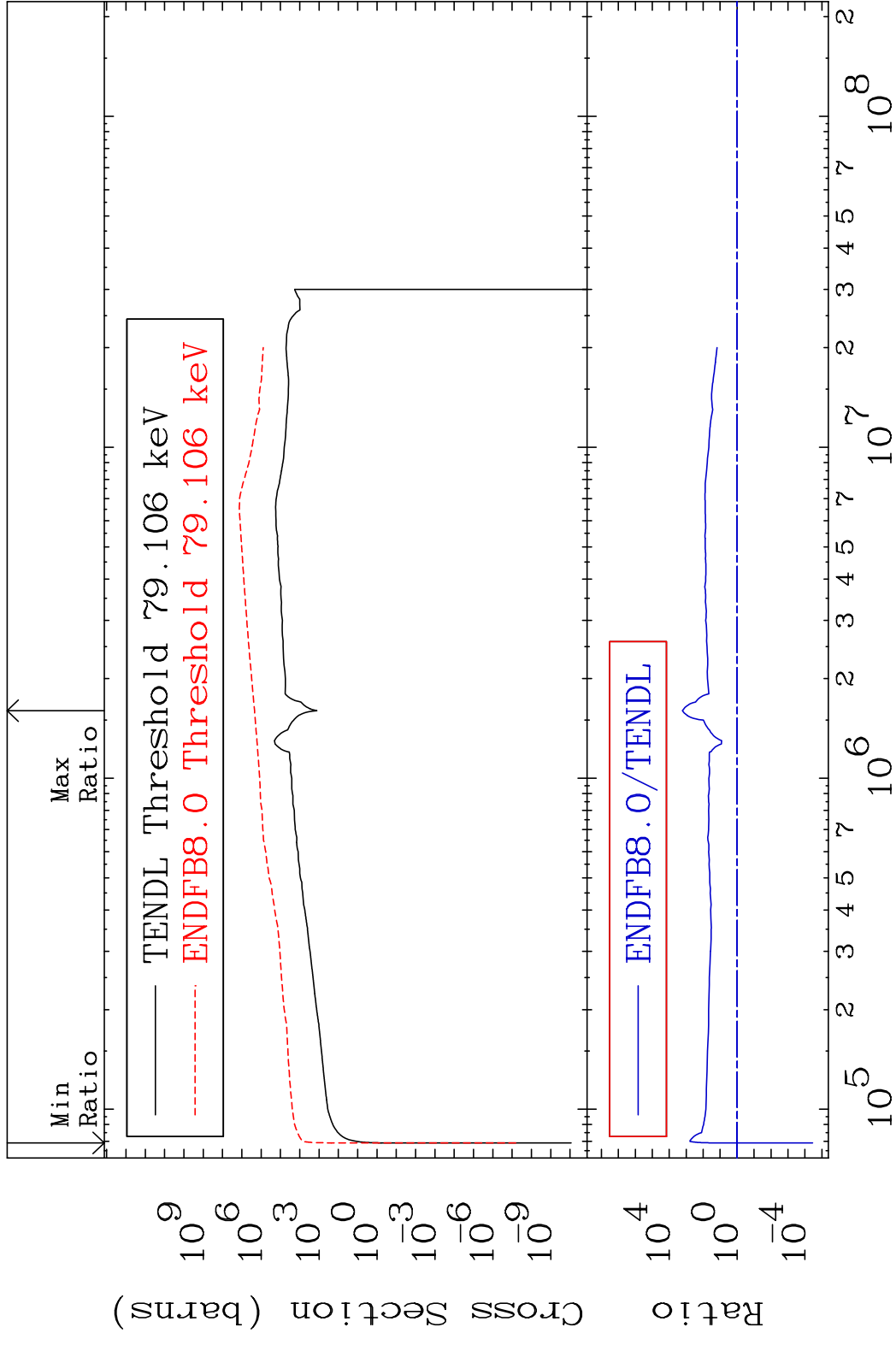


36 Incident Energy (eV) 70-Yb-173

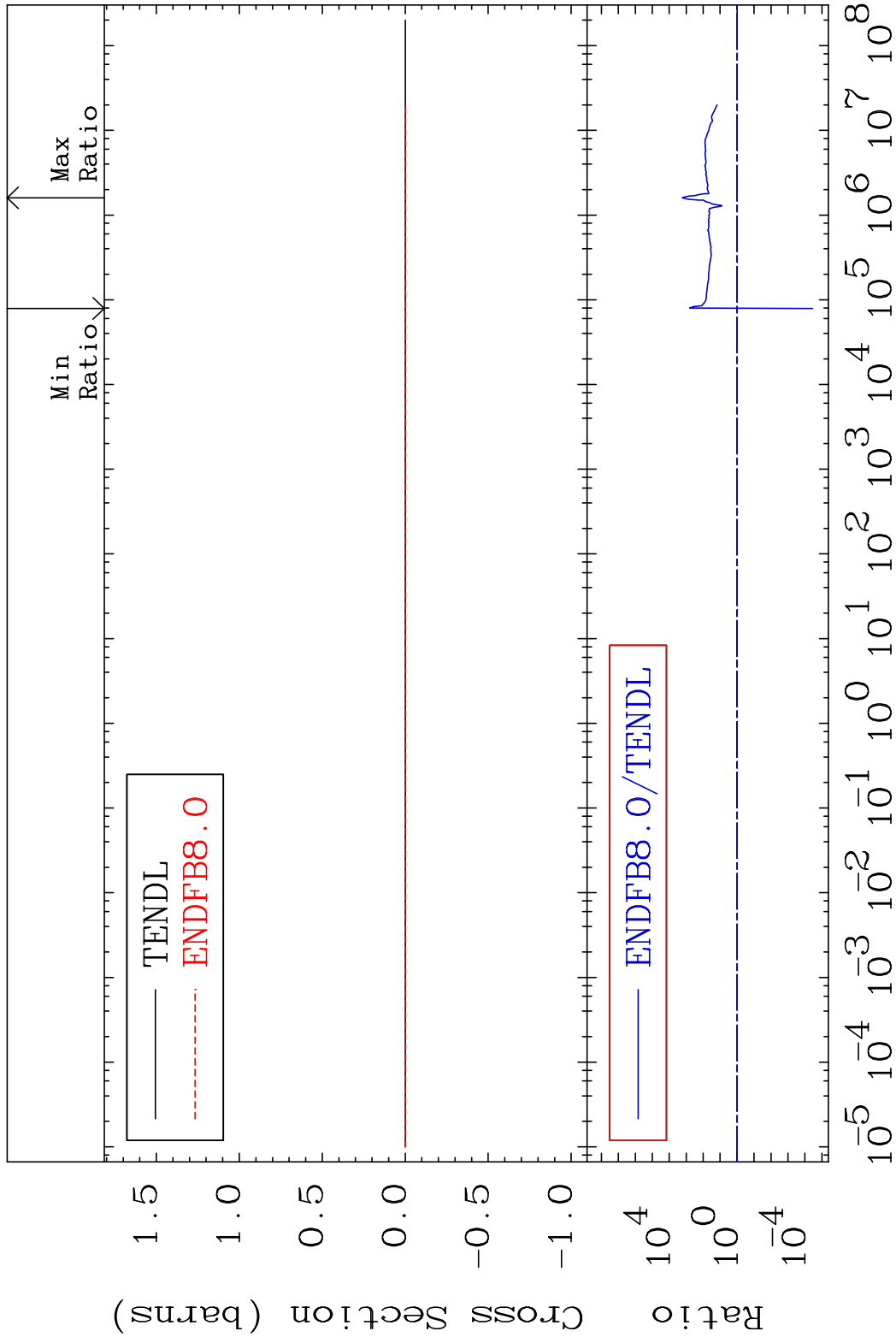
MAT 7040 Kerma non-elastic (all but mt2) 70-Yb-173
 Cross Section -9999. To 9999. %



MAT 7040 Kerma inelastic (mt51-91) 70-Yb-173
 Cross Section -100.0 To 9999. %

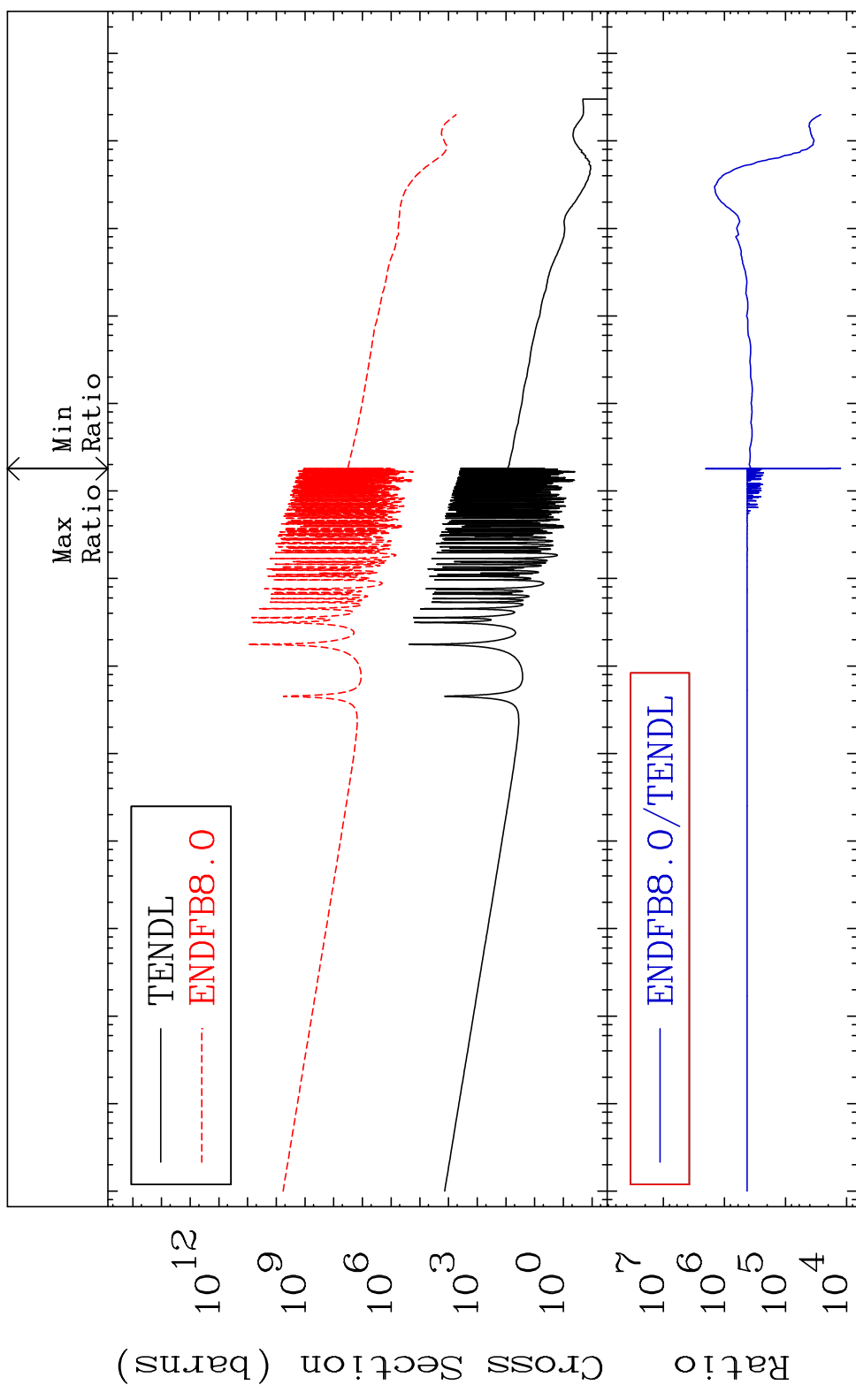


MAT 7040 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-173
 Cross Section -100.0 To 9999. %



MAT 7040

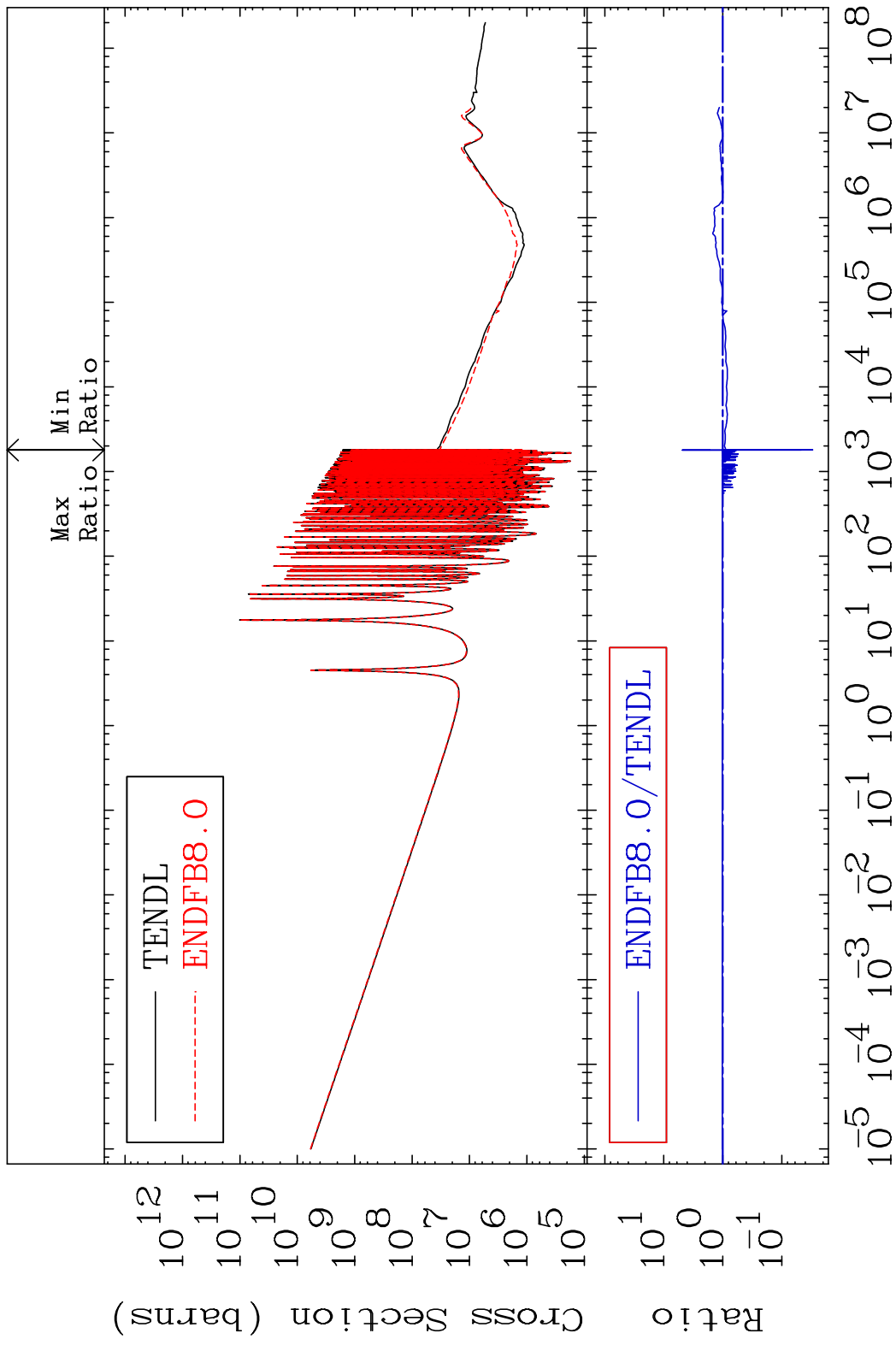
Kerma capture (mt102) 70-Yb-173
Cross Section 9999. To 9999. %



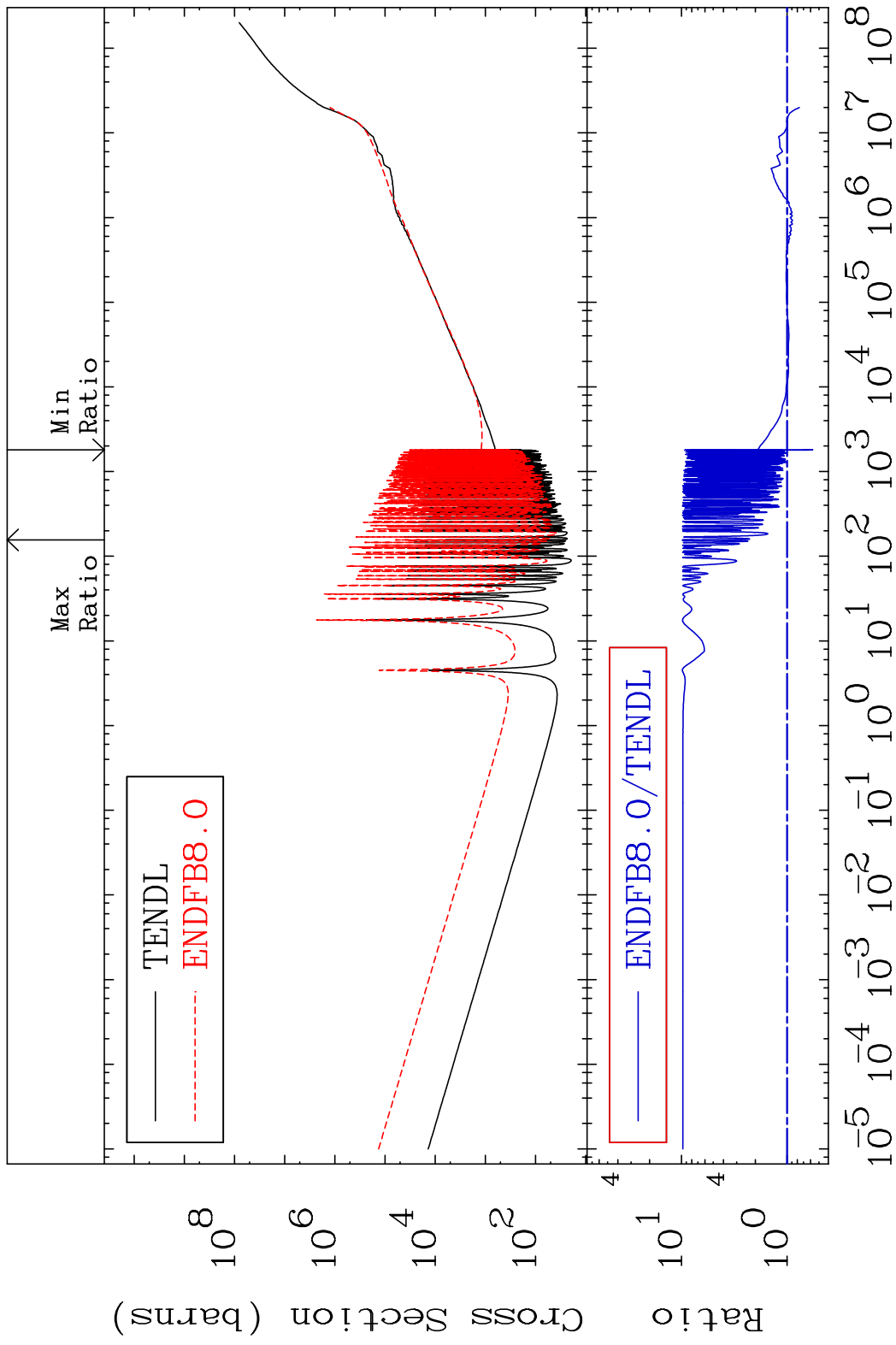
40

Incident Energy (eV) 70-Yb-173

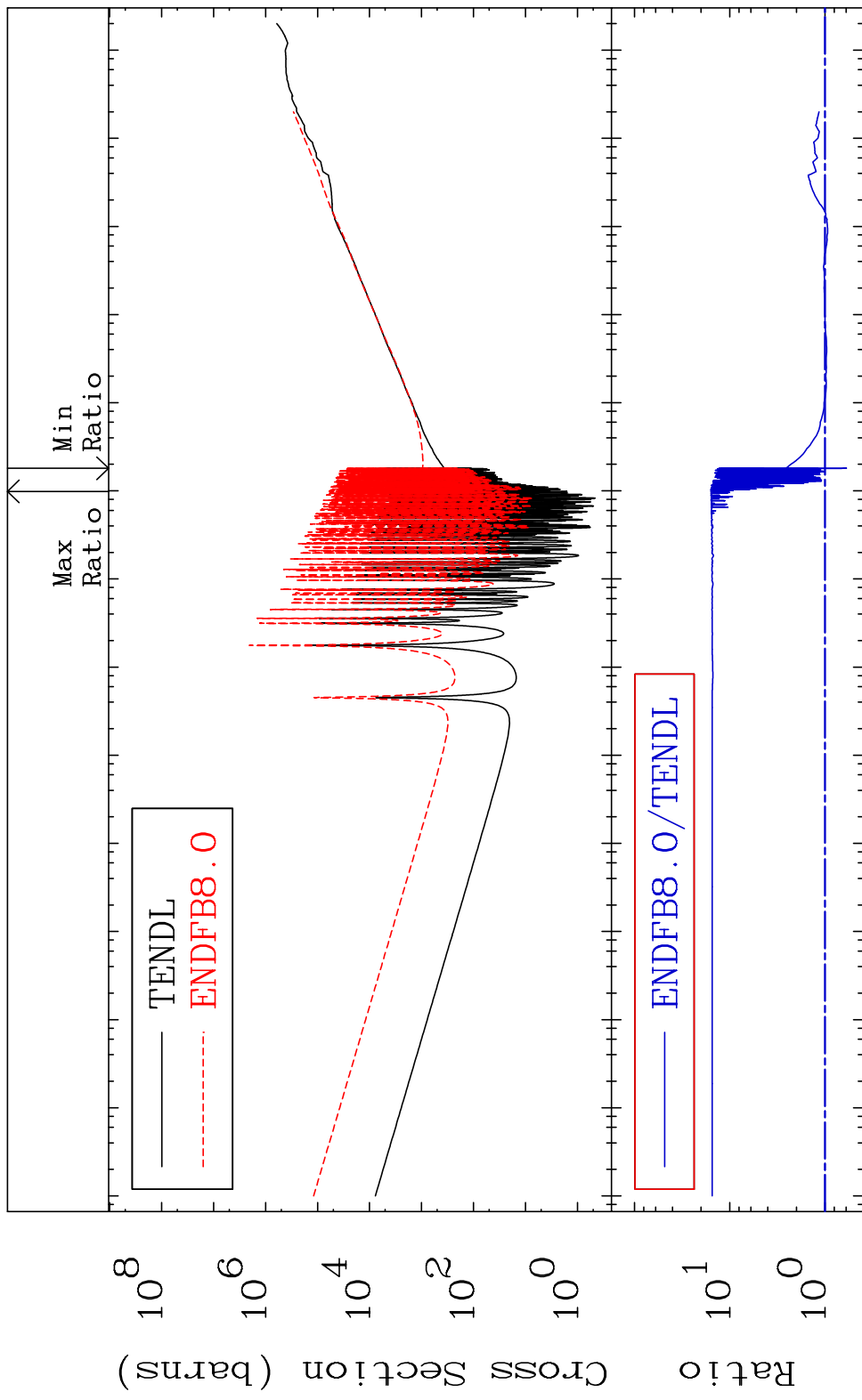
MAT 7040 Total photon (eV-barns) 70-Yb-173
 Cross Section -96.98 To 384.6 %



MAT 7040 Total kinematic kerma (high limit) 70-Yb-173
 Cross Section -42.56 To 880.9 %



MAT 7040 Dpa total (eV-barns) 70-Yb-173
 Cross Section -40.10 To 1485. %



43 Incident Energy (eV) 70-Yb-173

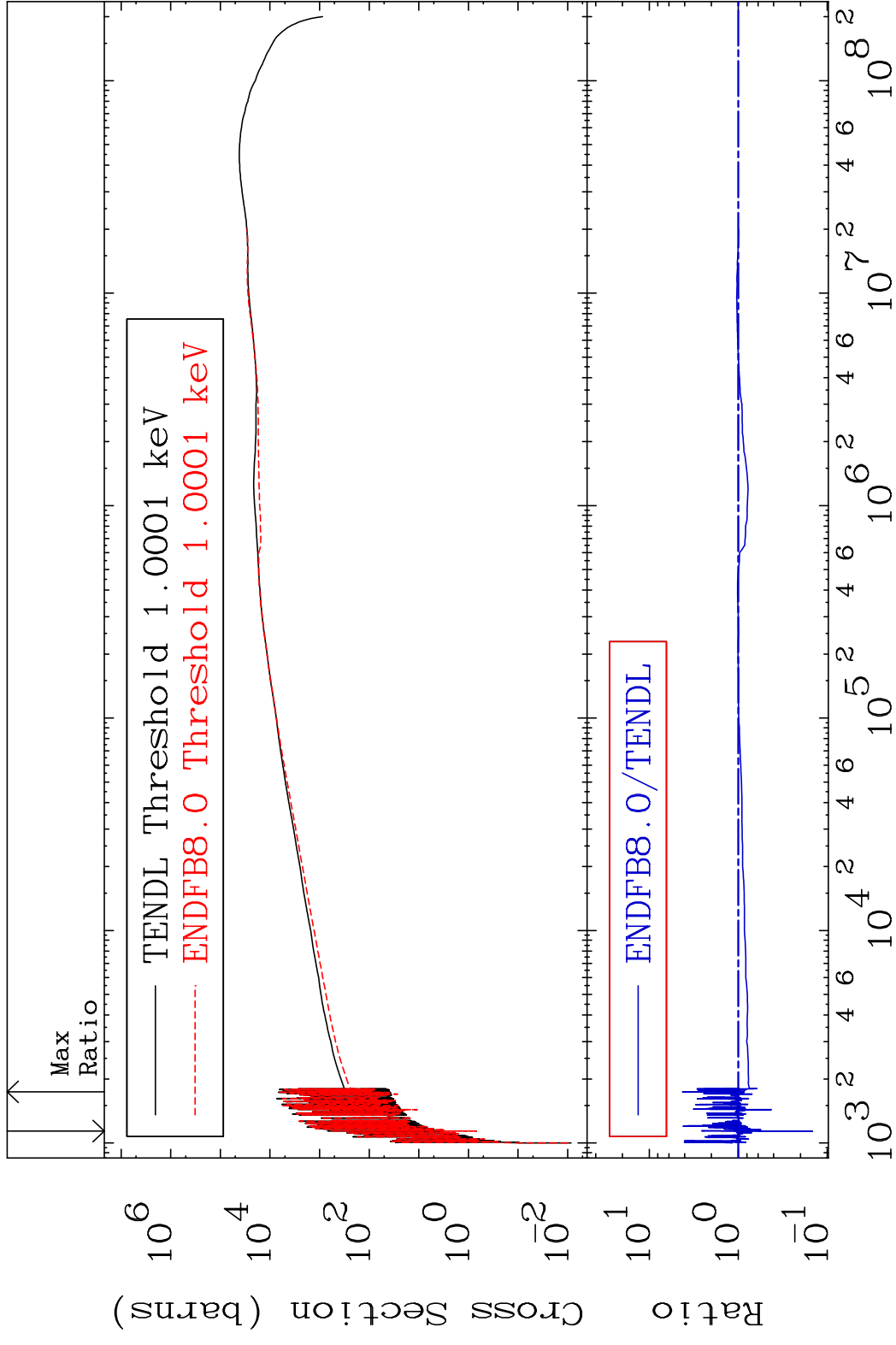
MAT 7040

Dpa elastic (mt2)

70-Yb-173

Cross Section

-85.37 To 324.5 %

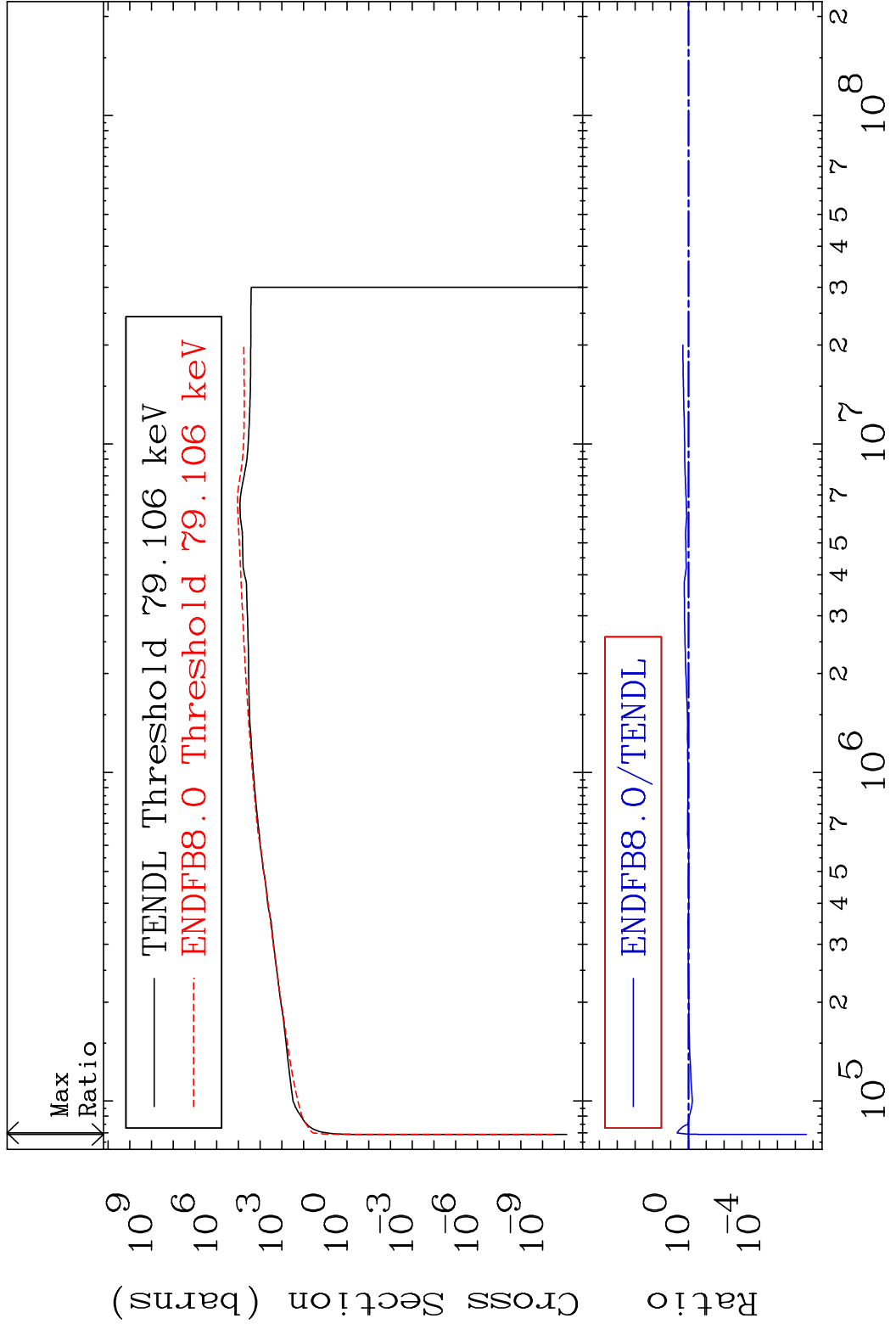


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Incident Energy (eV)

70-Yb-173

MAT 7040 Dpa inelastic (mt51-91) 70-Yb-173
 Cross Section -100.0 To 328.2 %



MAT 7040 Dpa disappearance (mt102 -120) 70-Yb-173
 Cross Section -51.83 To 9999. %

