

Program Complot
(Version 2021-1)

by

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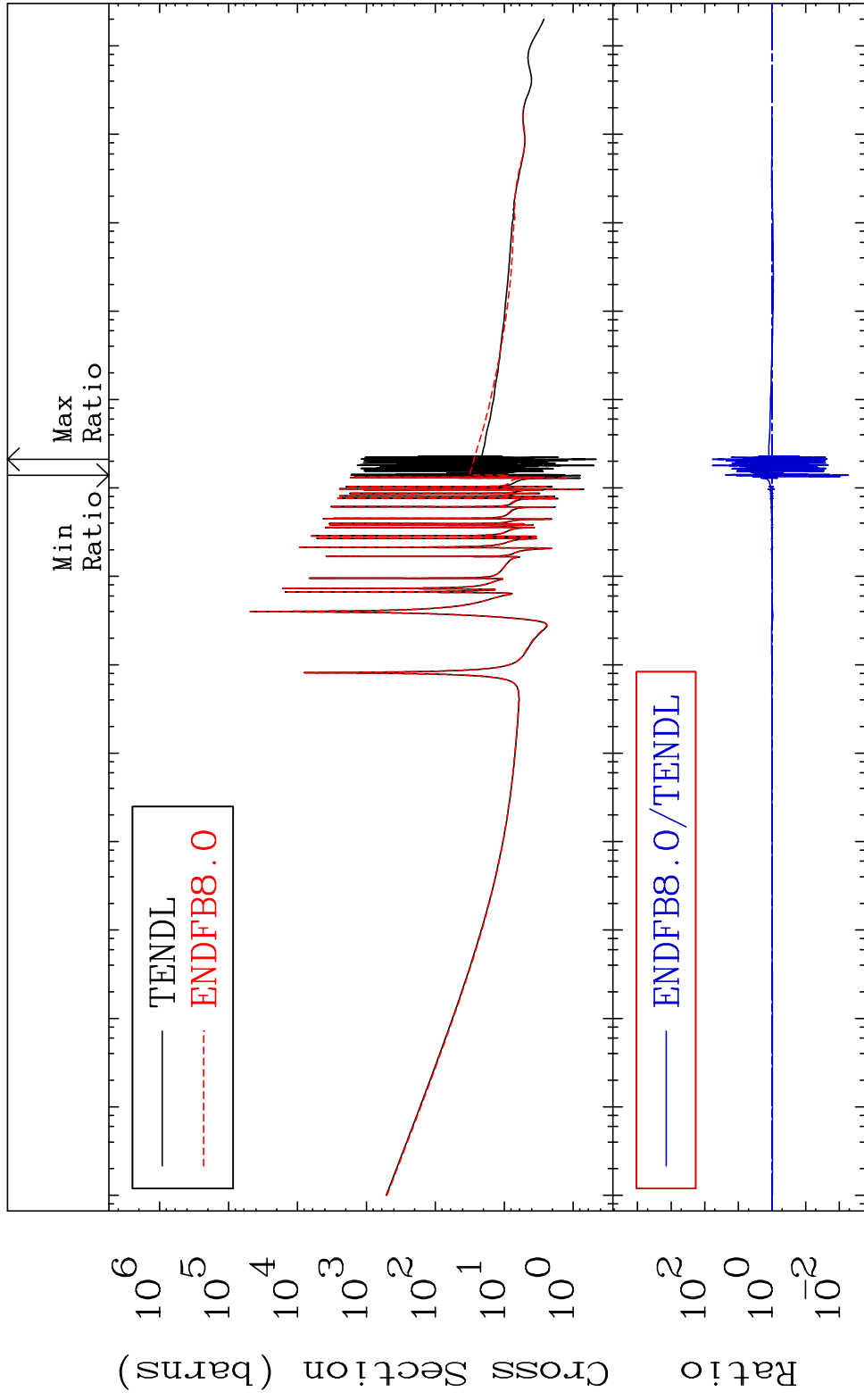
Press Mouse Button to Start

MAT 7031

Total

70-Yb-170

Cross Section -99.46 To 5836. %



1

Incident Energy (eV)

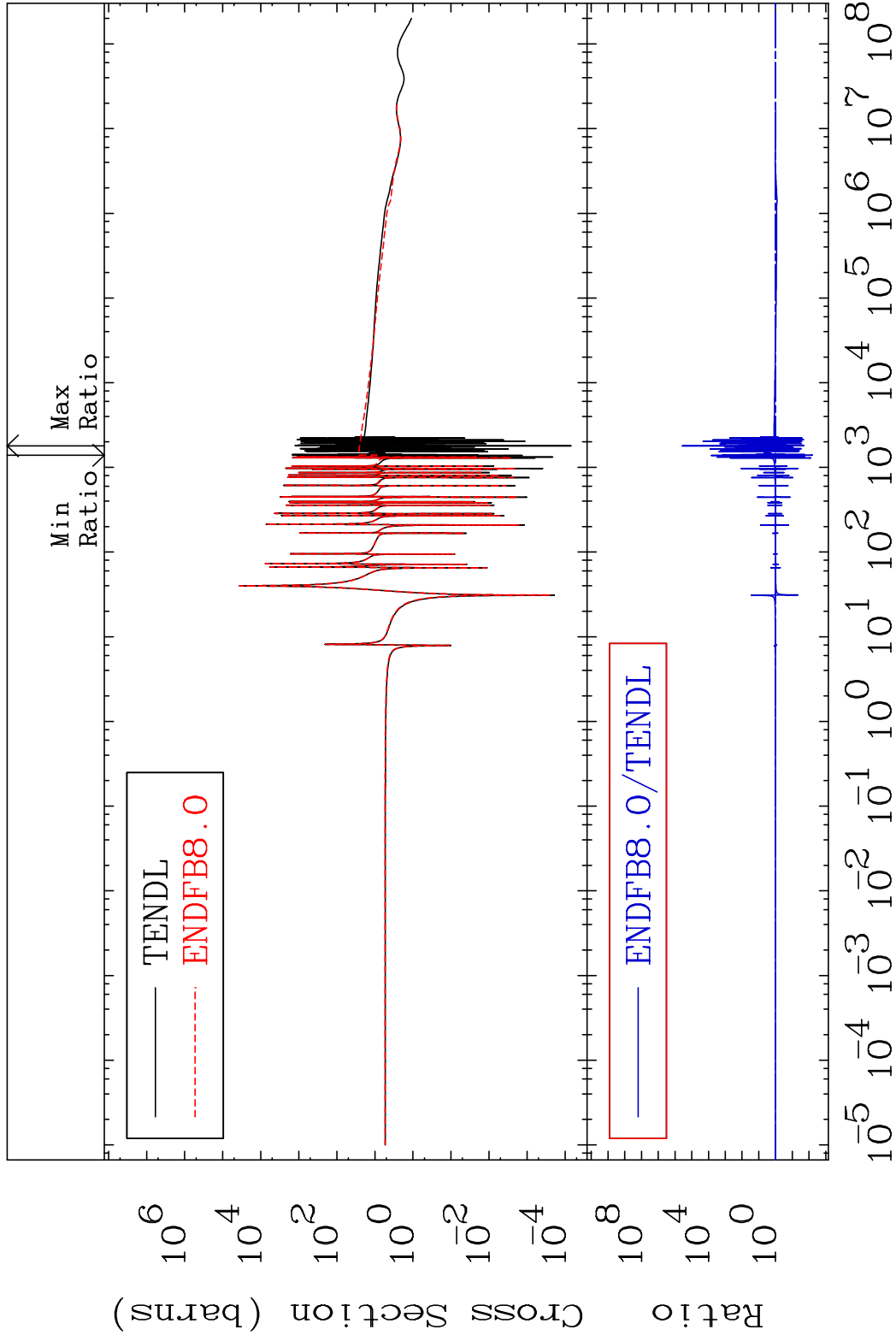
70-Yb-170

MAT 7031

Elastic

70-Yb-170

Cross Section -99.38 To 9999. %

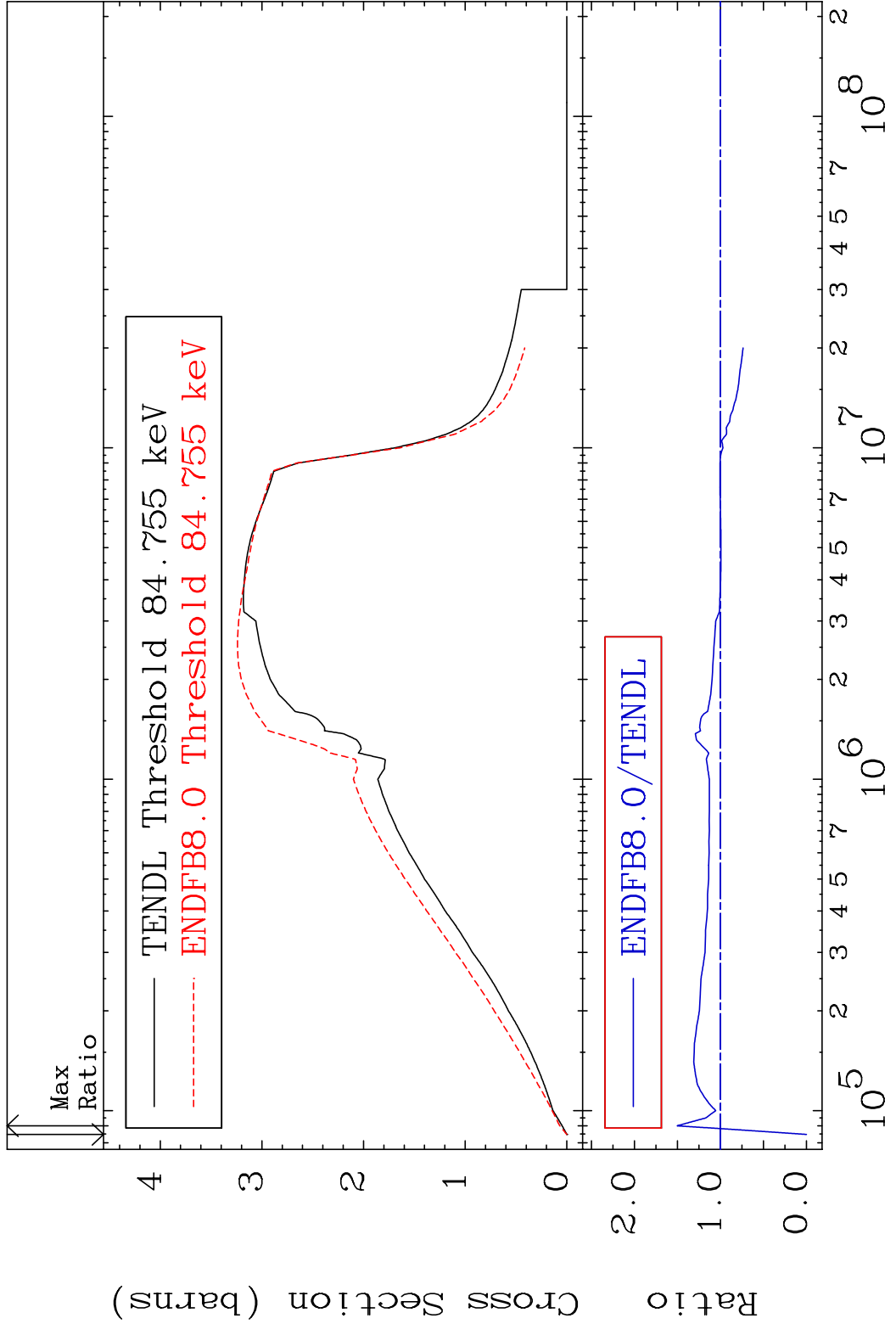


2

Incident Energy (eV)

70-Yb-170

MAT 7031 Inelastic Cross Section -100.0 To 50.29 % 70-Yb-170



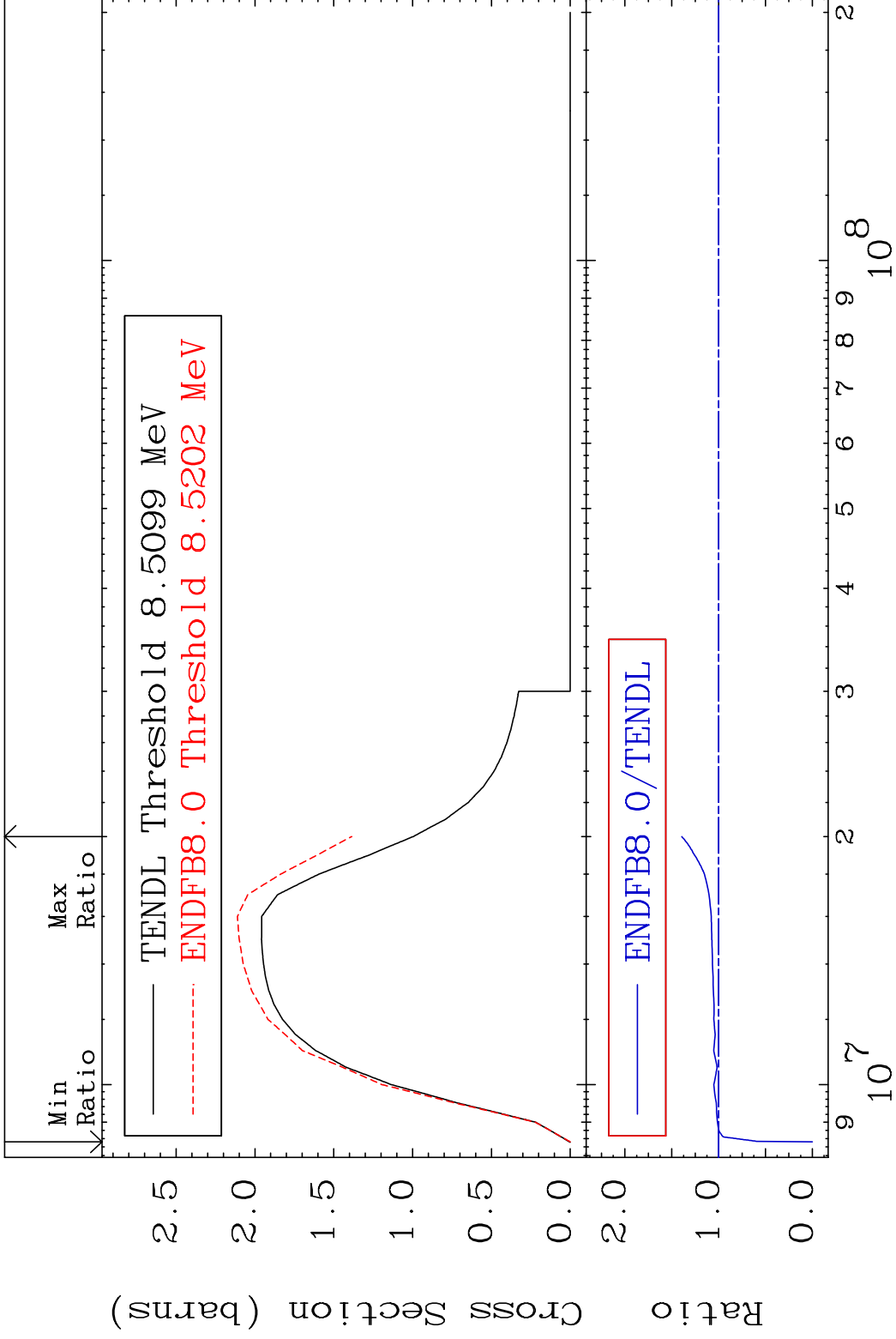
3 Incident Energy (eV) 70-Yb-170

MAT 7031

(n,2n)

70-Yb-170

Cross Section -100.0 To 39.37 %



4

Incident Energy (eV)

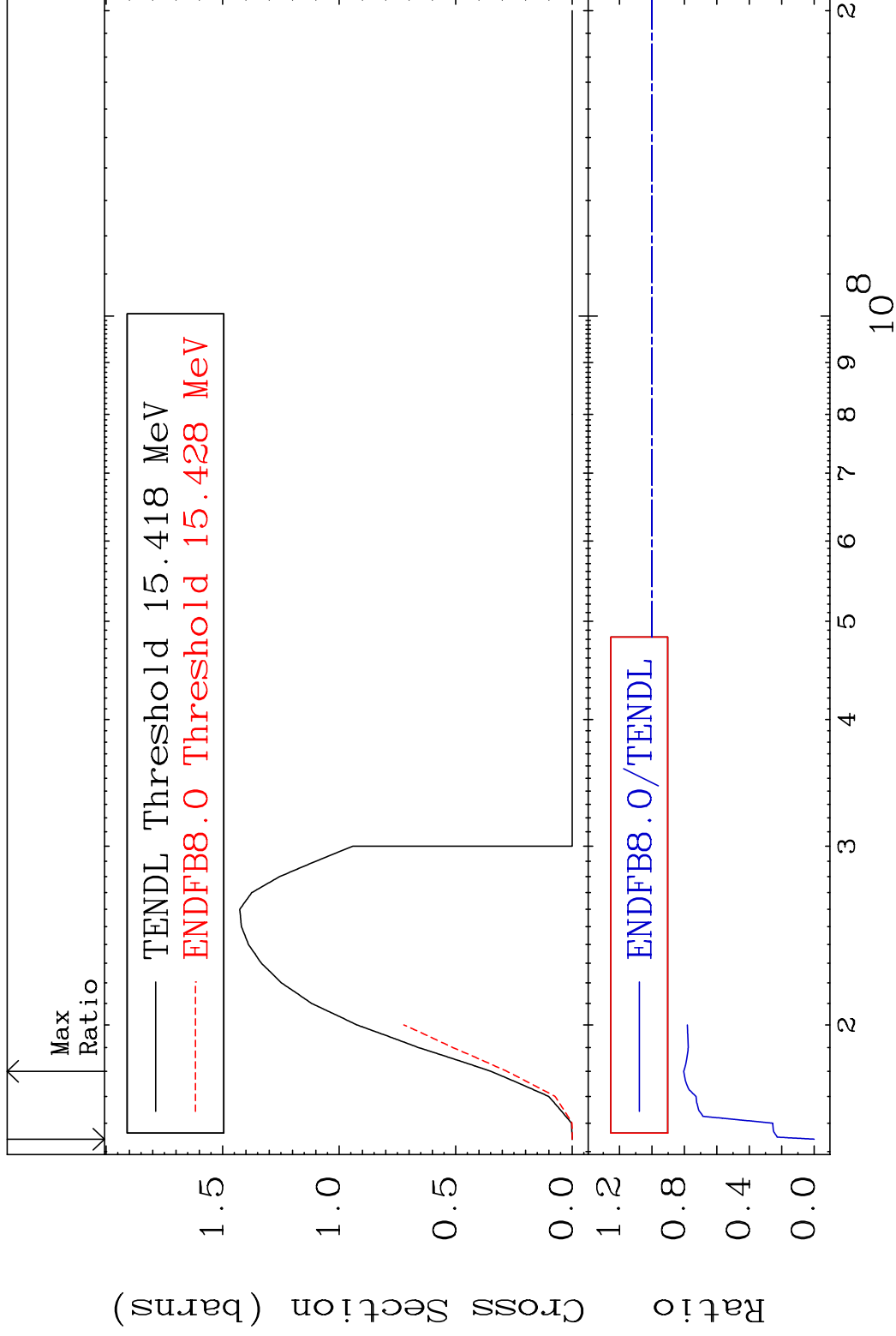
70-Yb-170

MAT 7031

(n,3n)

70-Yb-170

Cross Section -100.0 To -19.53%



5

Incident Energy (eV)

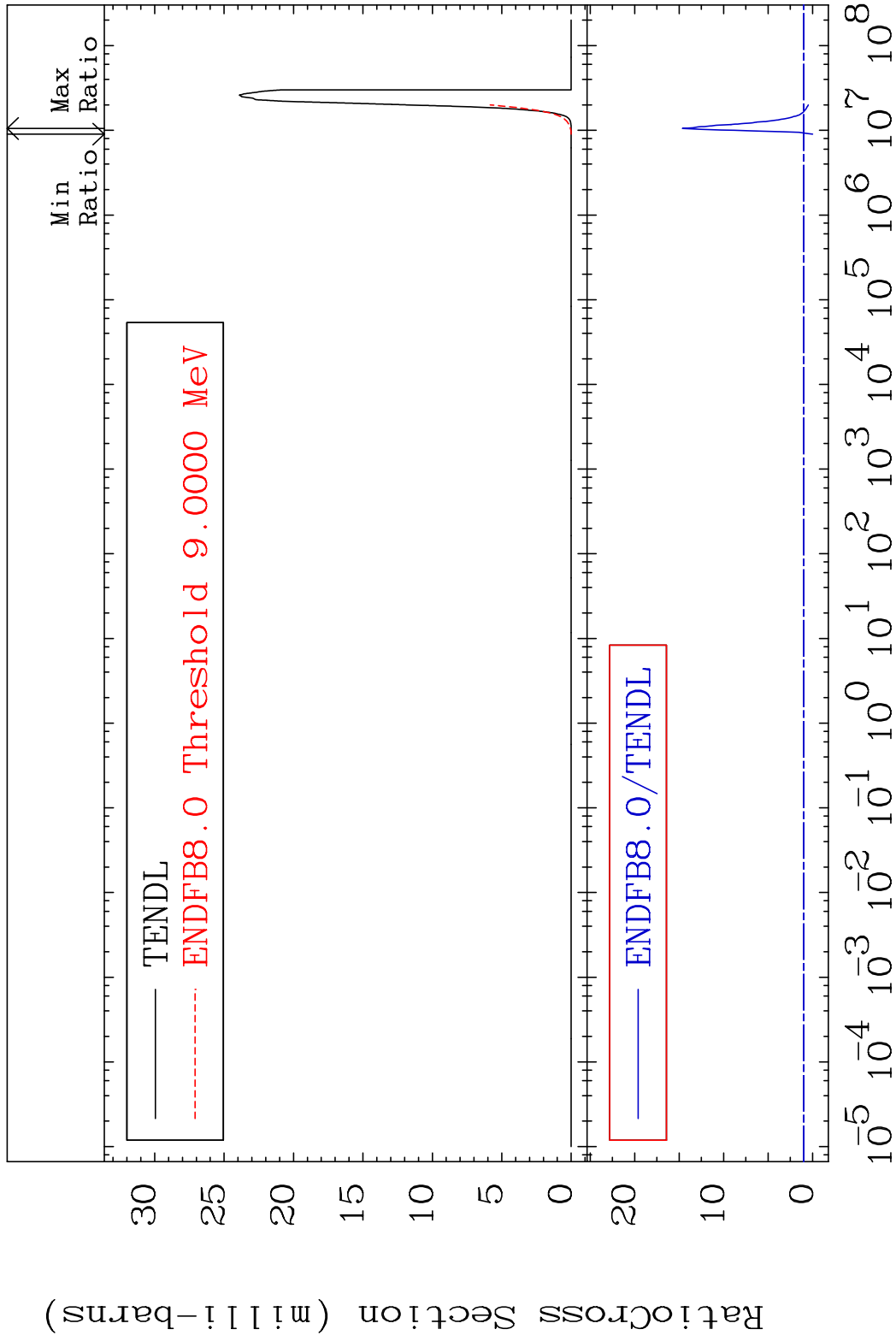
70-Yb-170

MAT 7031

(n, n') α

70-Yb-170

Cross Section -100.0 To 1364. %



6

Incident Energy (eV)

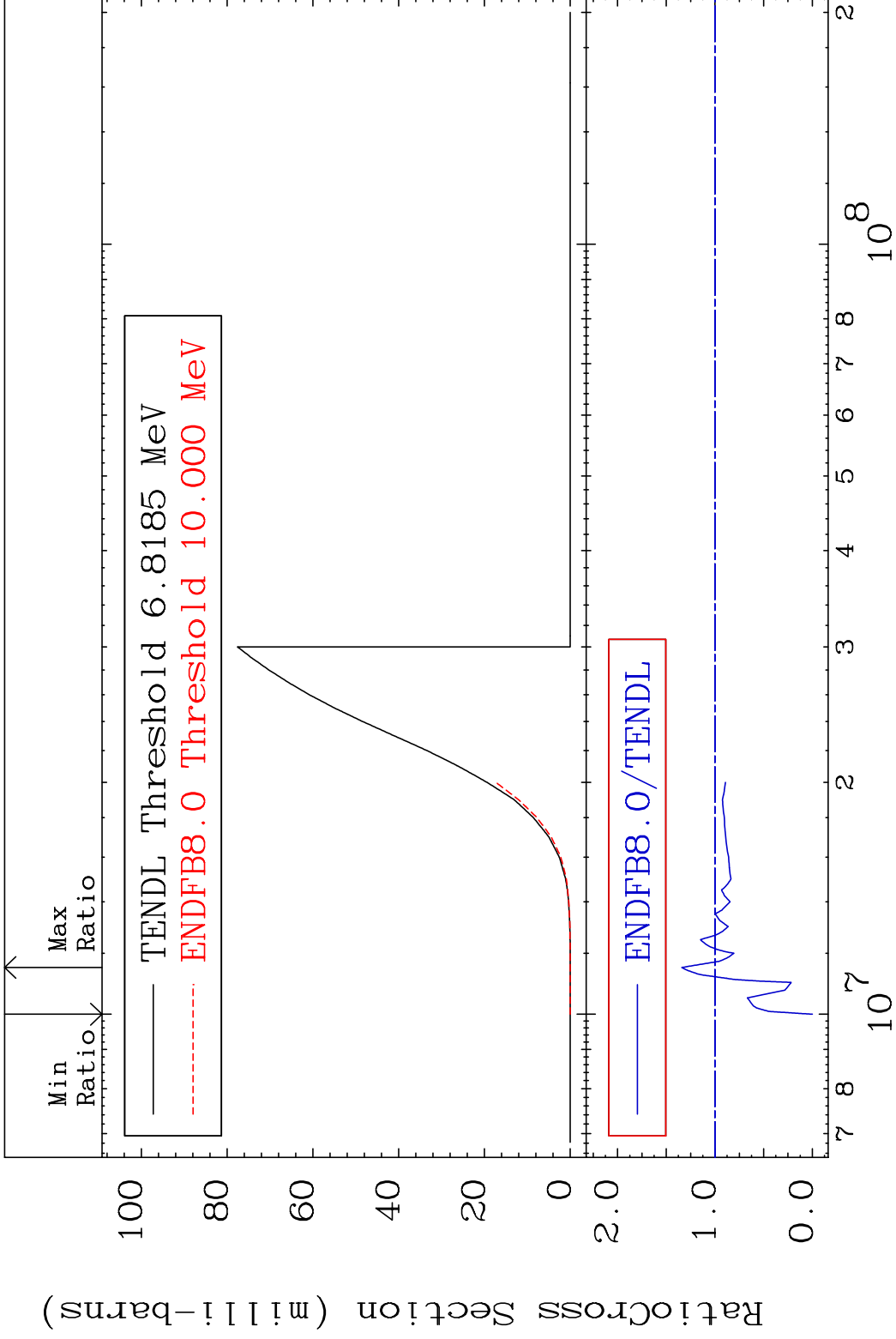
70-Yb-170

MAT 7031

(n, n') p

70-Yb-170

Cross Section -100.0 To 34.12 %

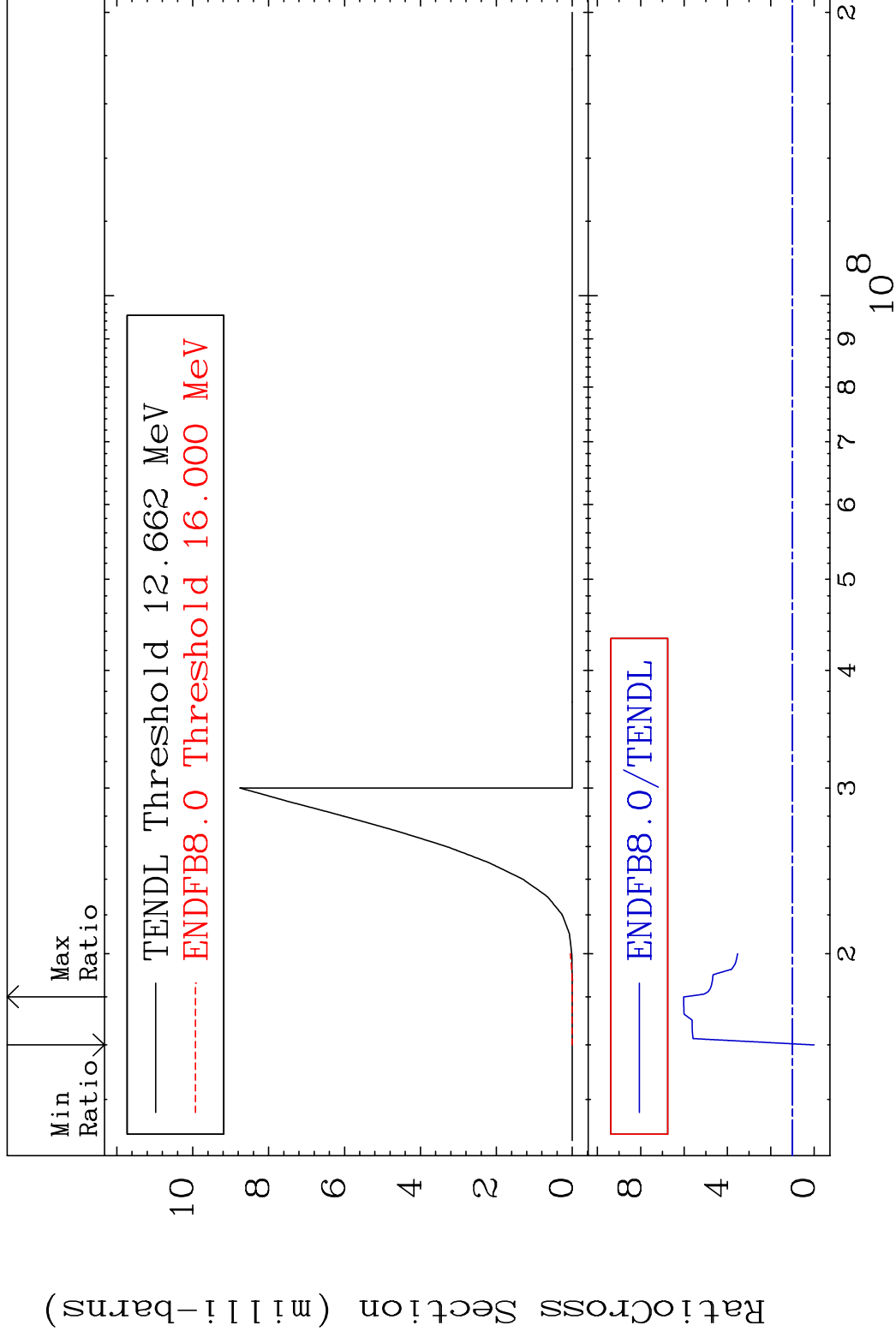


MAT 7031

(n, n') d

70-Yb-170

Cross Section -100.0 To 502.0 %

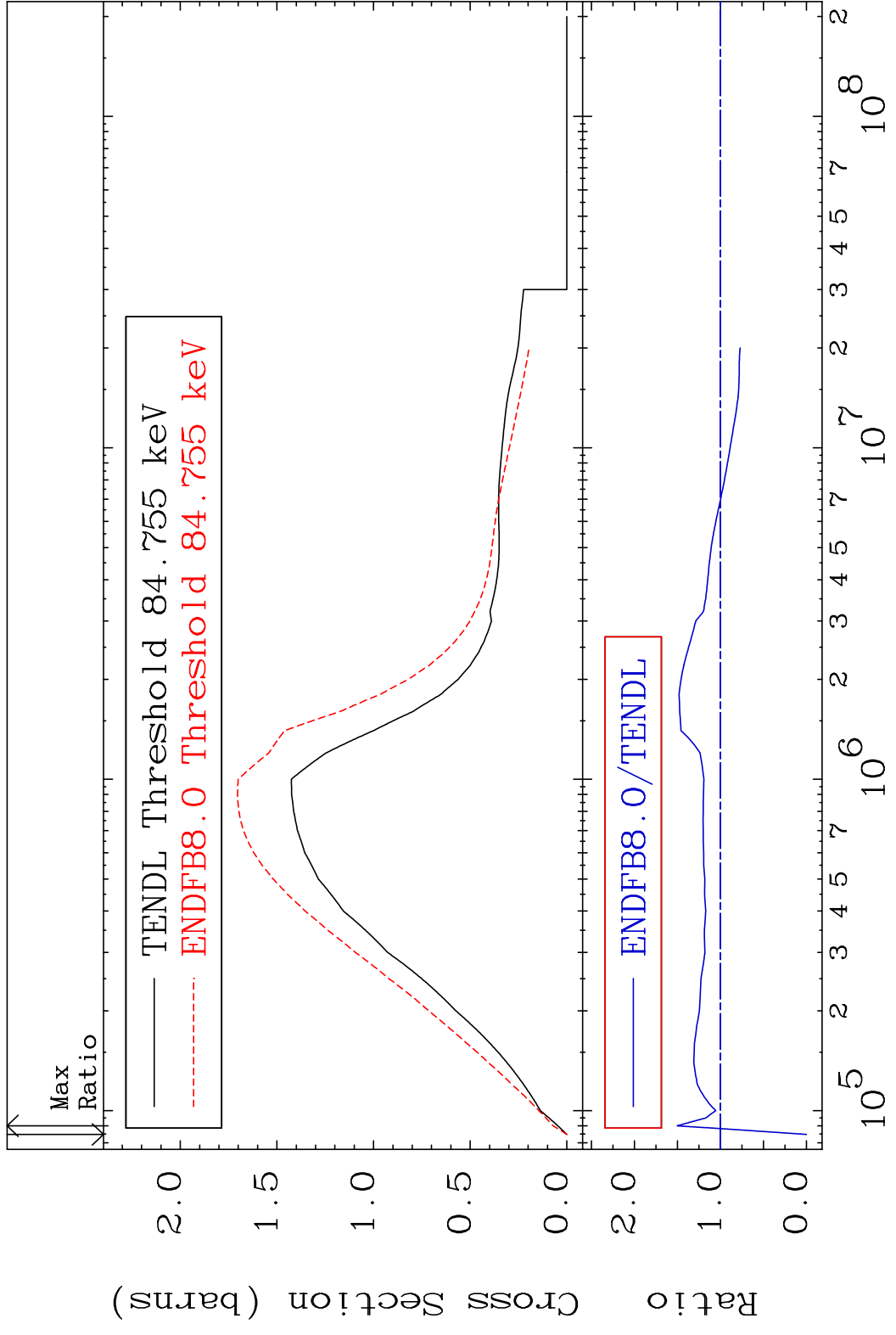


8

Incident Energy (eV)

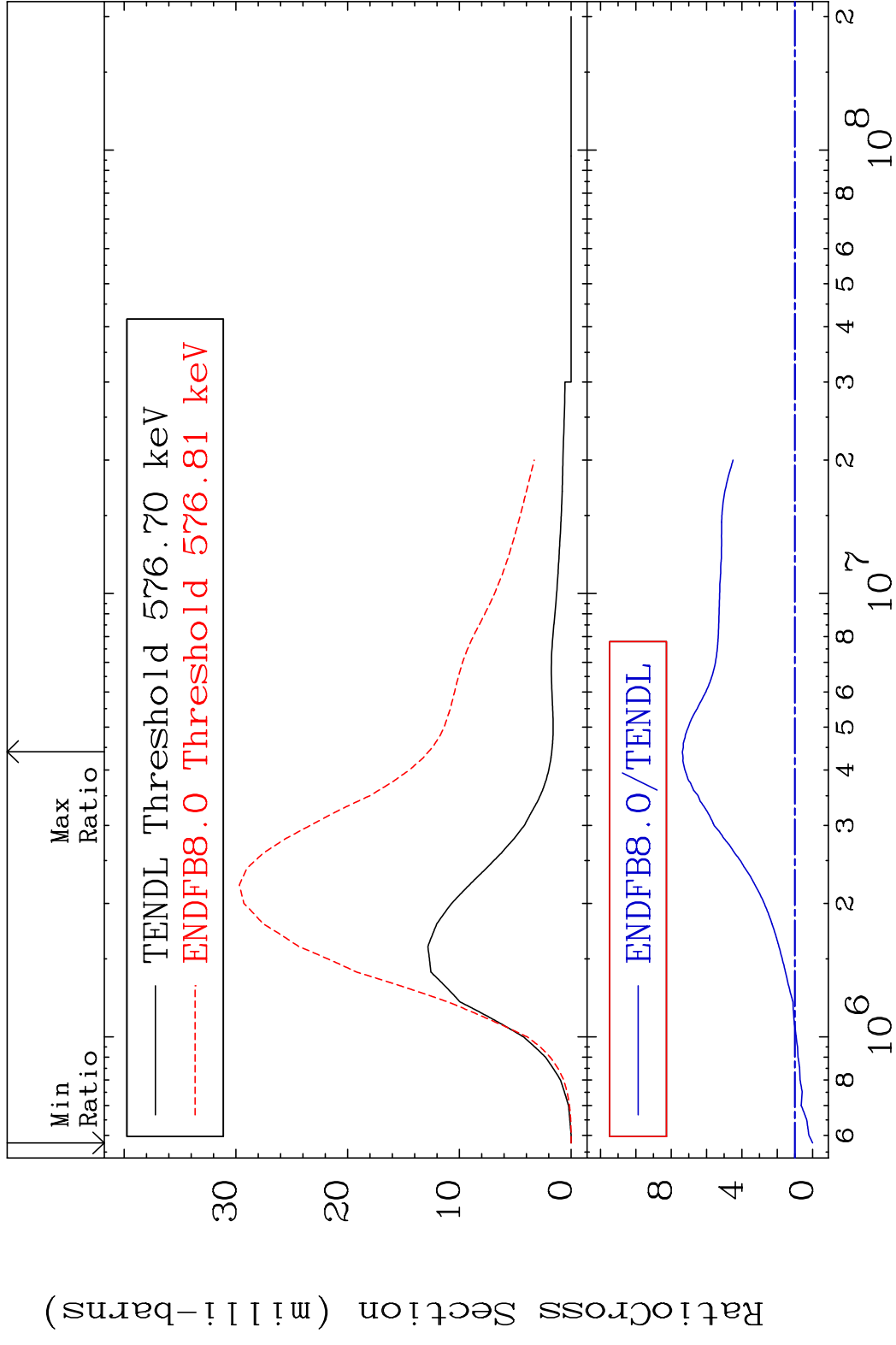
70-Yb-170

MAT 7031 MT= 51 (n,n') Level 70-Yb-170
 Cross Section -100.0 To 50.29 %

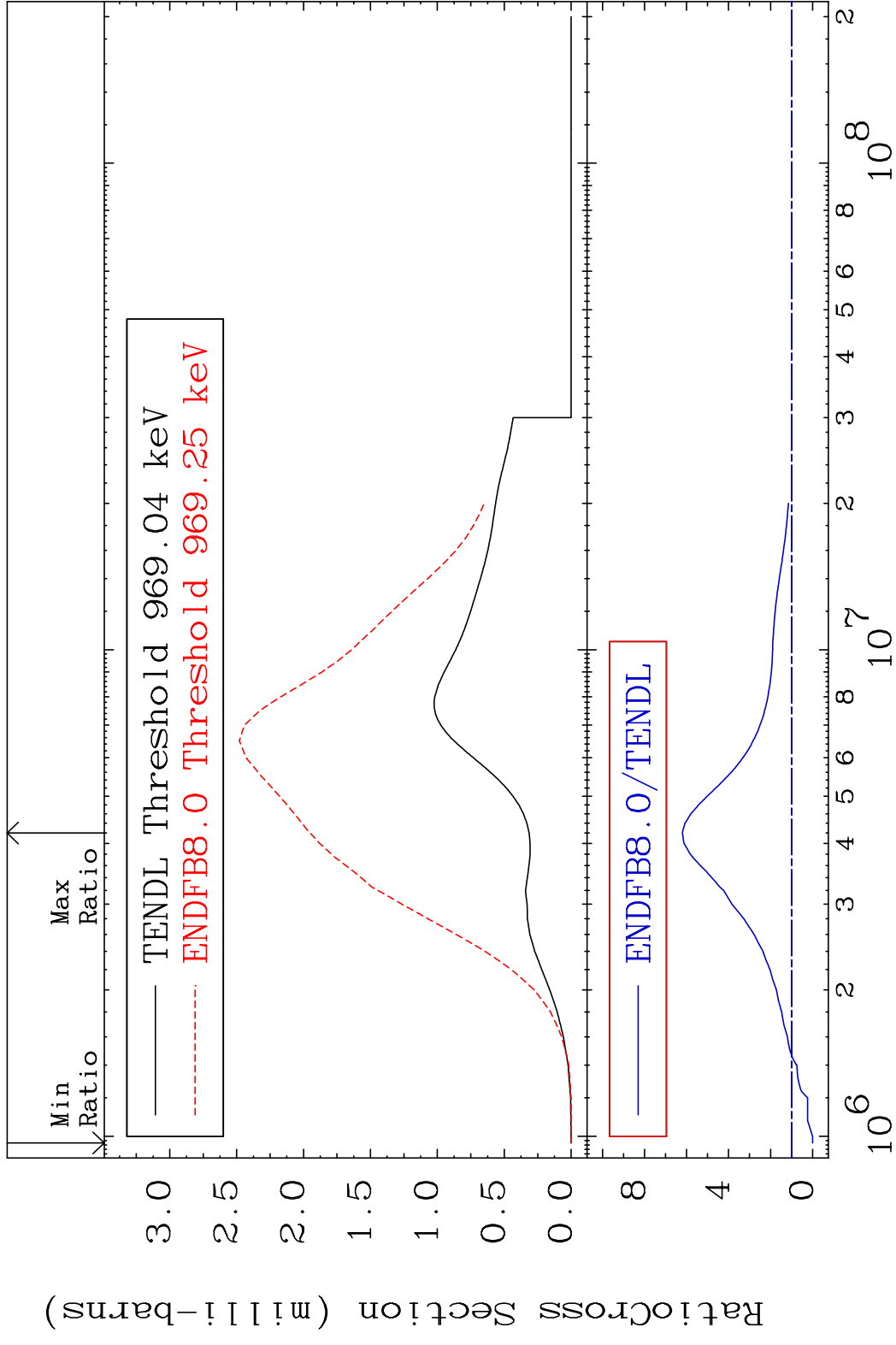


9 Incident Energy (eV) 70-Yb-170

MAT 7031 MT= 53 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 636.6 %

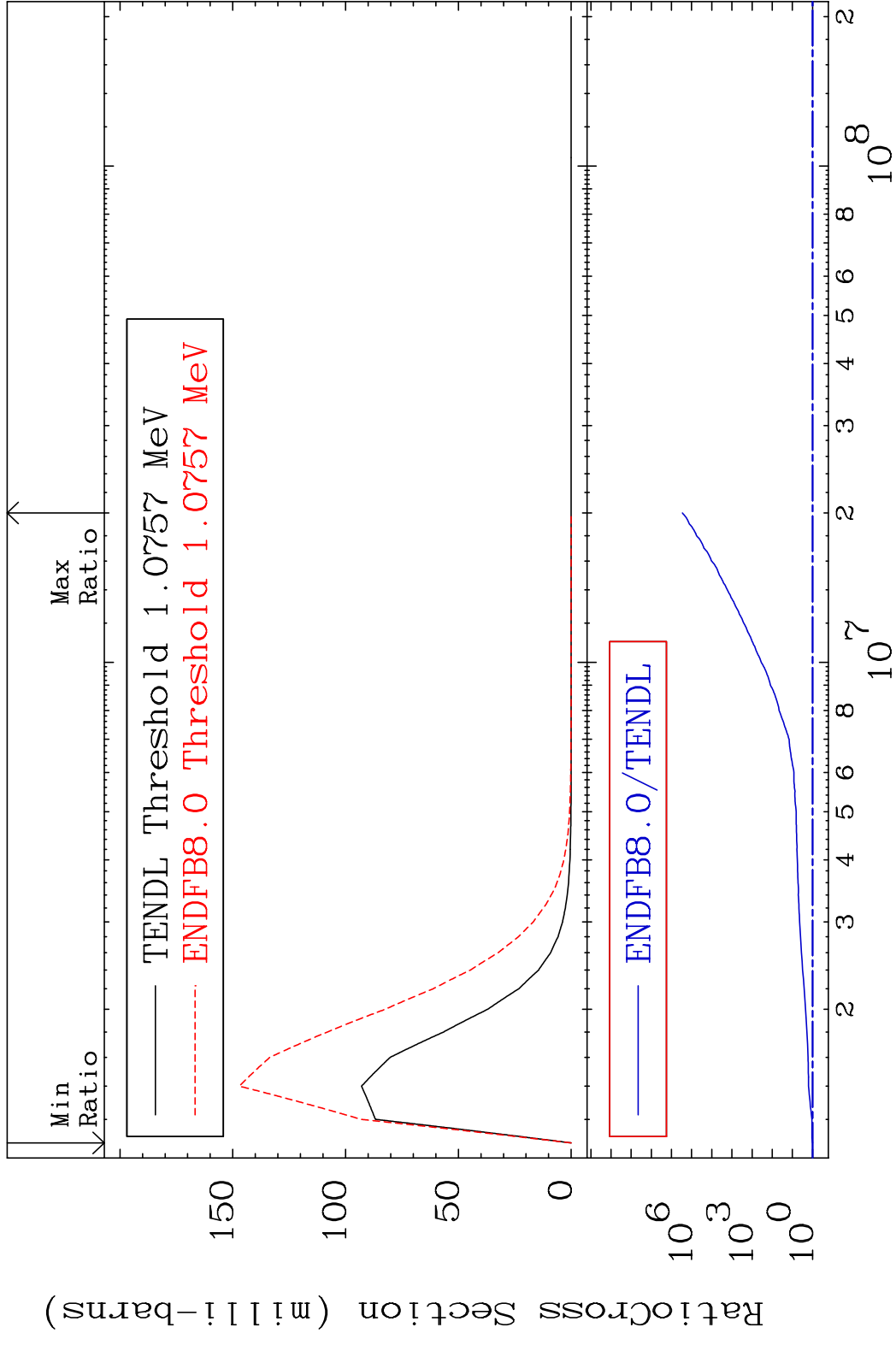


MAT 7031 MT= 54 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 519.8 %

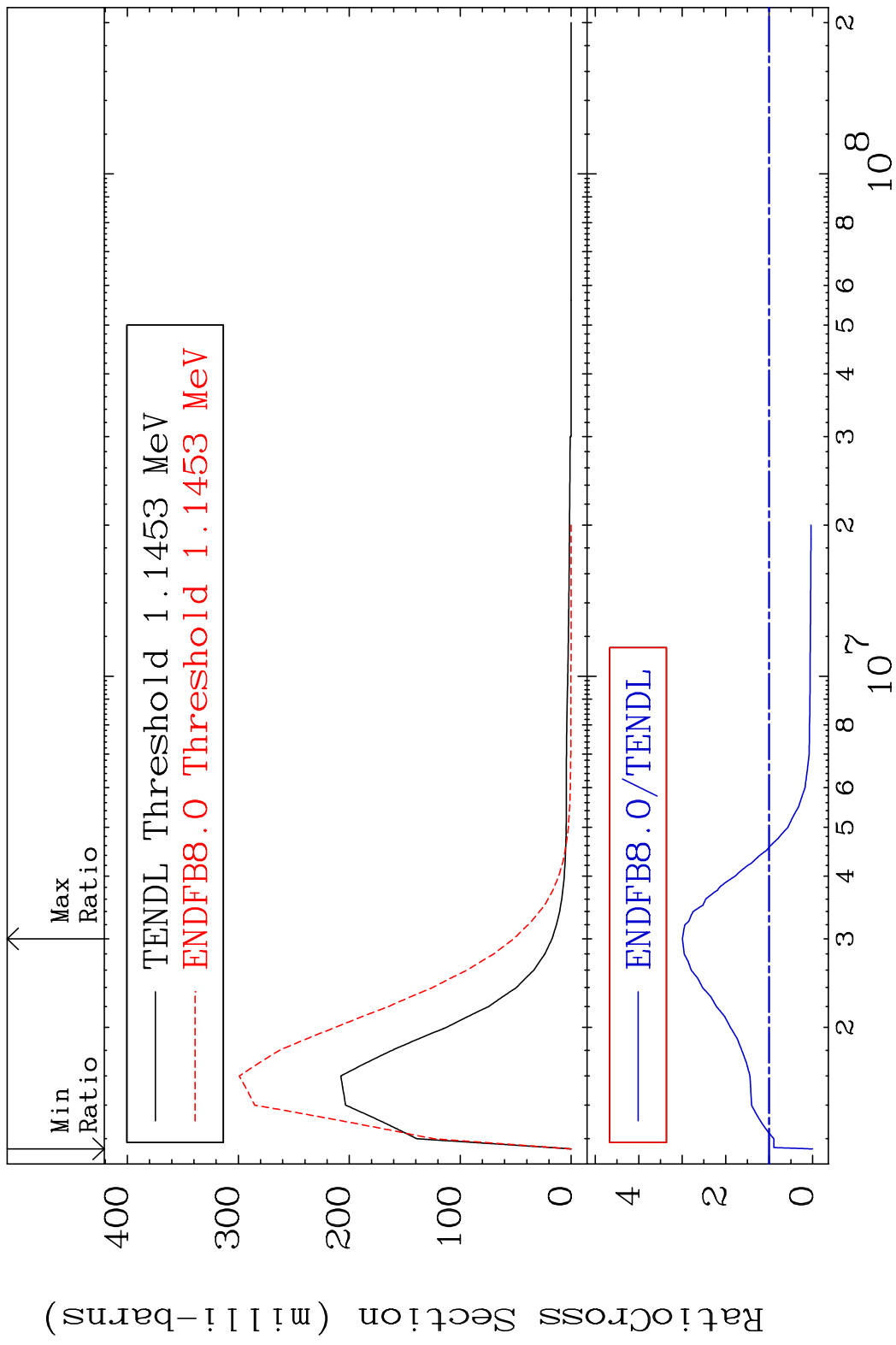


12 70-Yb-170

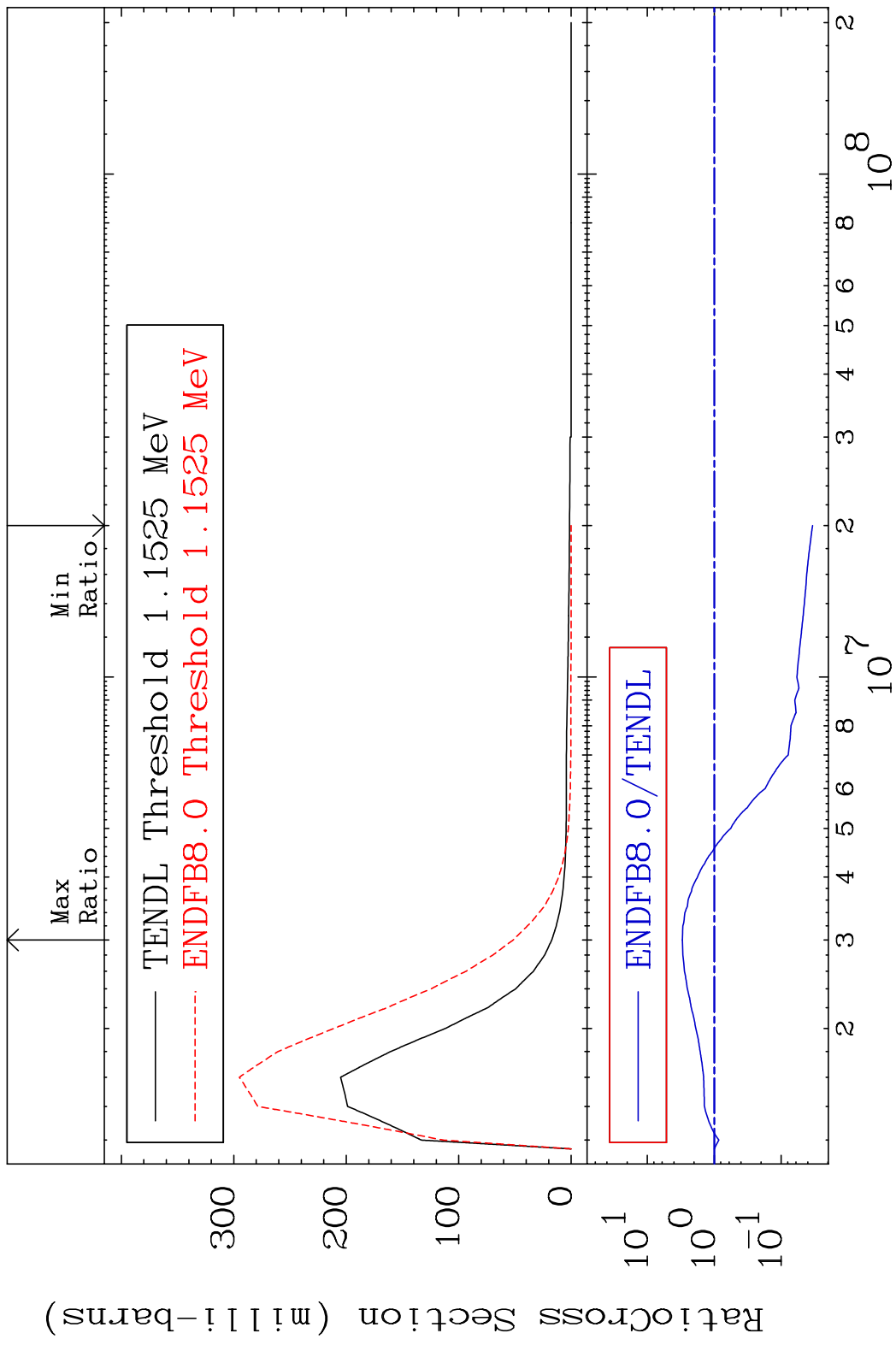
MAT 7031 MT= 55 (n, n') Level 70-Yb-170
 Cross Section 0.000 To 9999. %



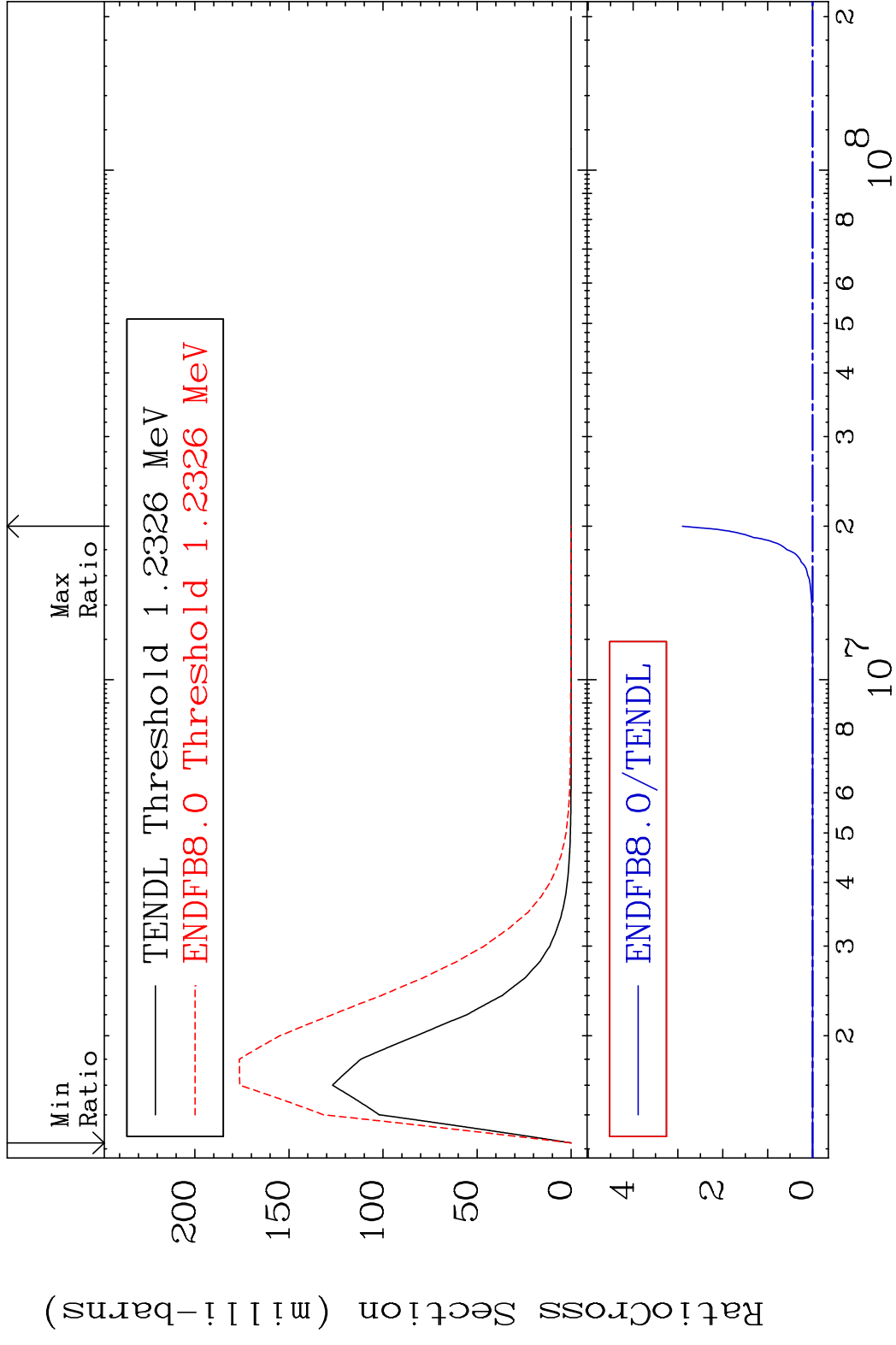
MAT 7031 MT= 56 (n,n') Level 70-Yb-170
 Cross Section -100.0 To 199.7 %



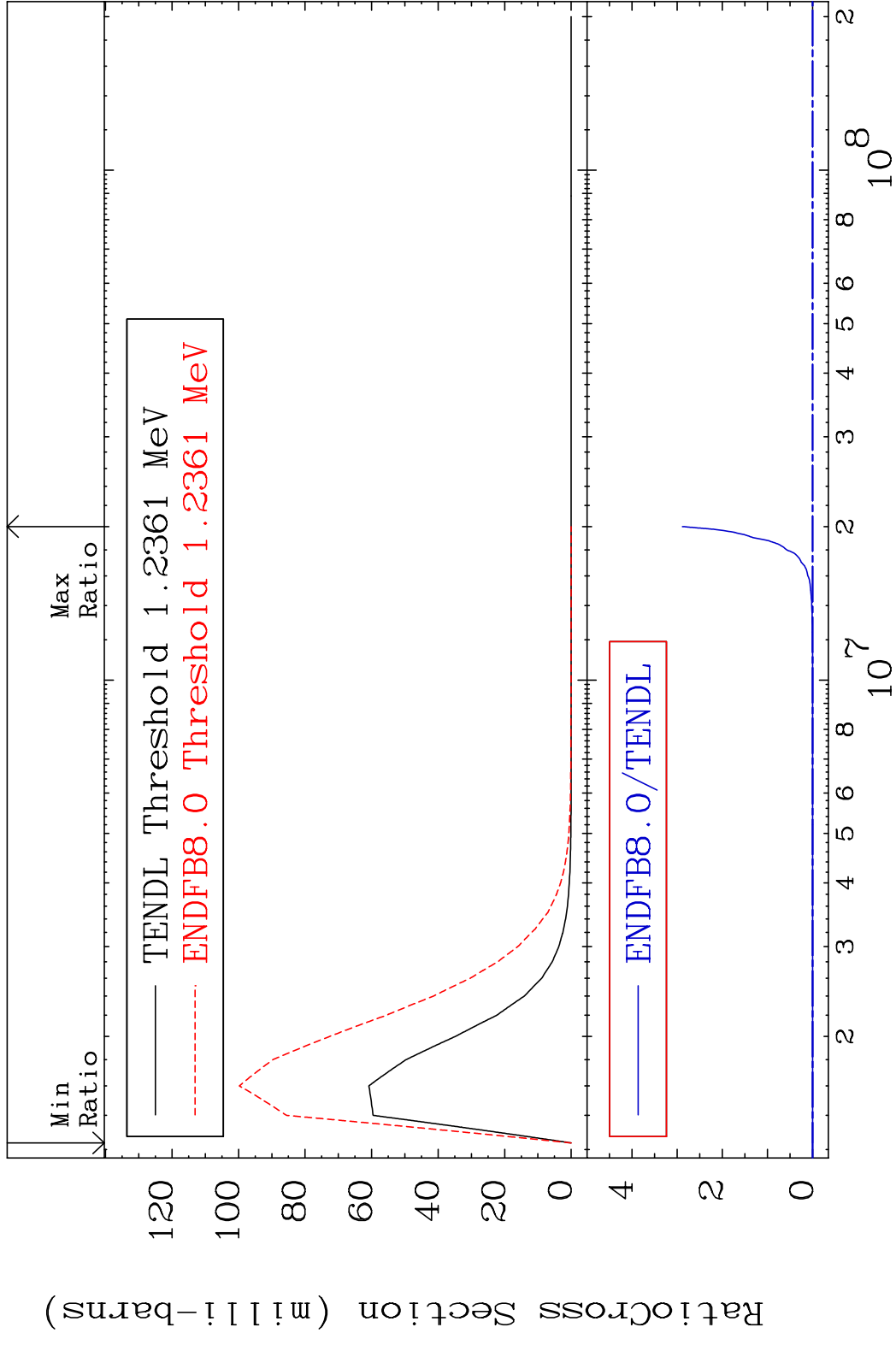
MAT 7031 MT= 57 (n, n') Level 70-Yb-170
 Cross Section -96.60 To 199.4 %



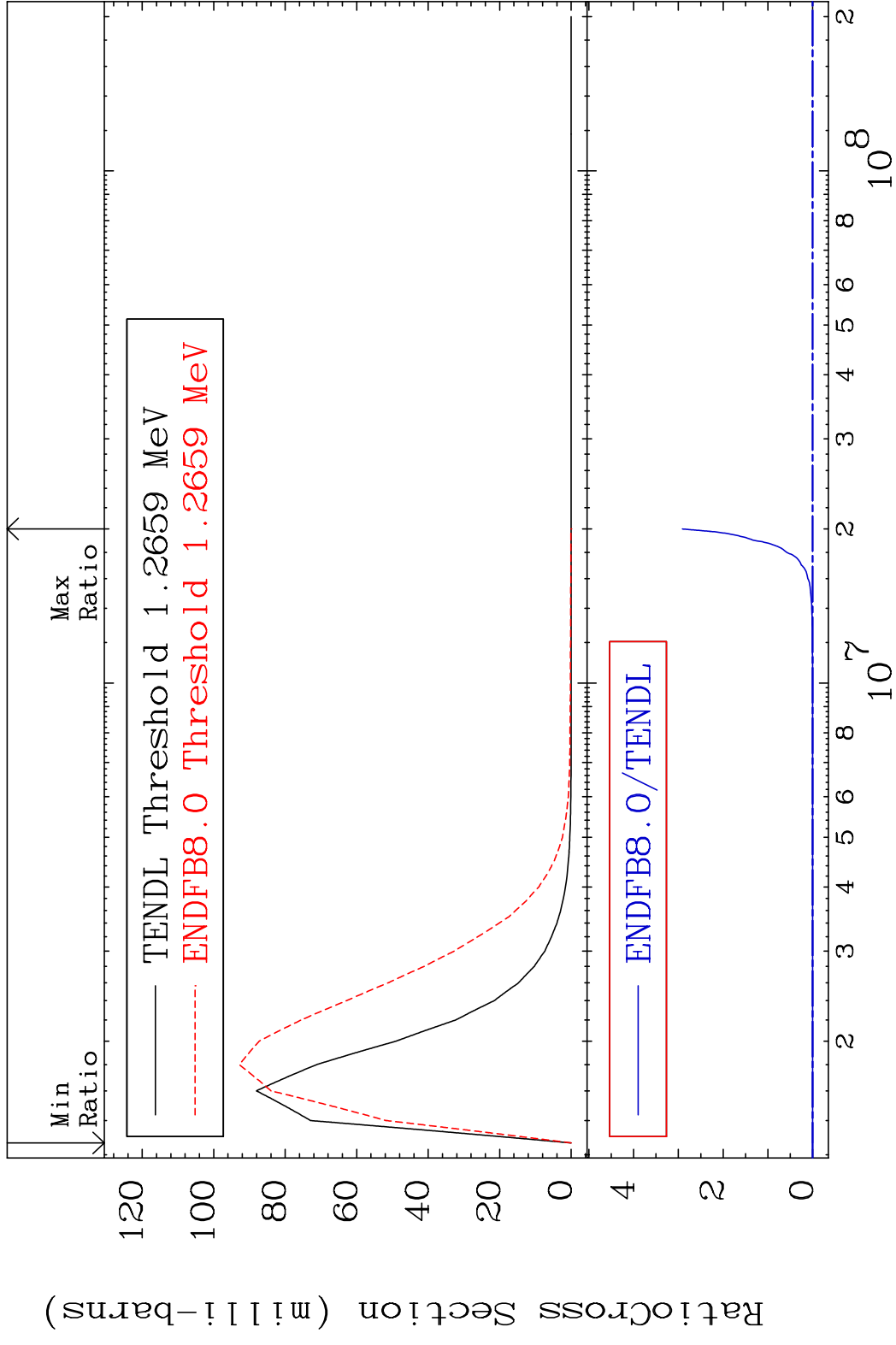
MAT 7031 MT= 58 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 9999. %



MAT 7031 MT= 59 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 9999. %



MAT 7031 MT= 60 (n, n') Level 70-Yb-170
 Cross Section -100.0 To 9999. %

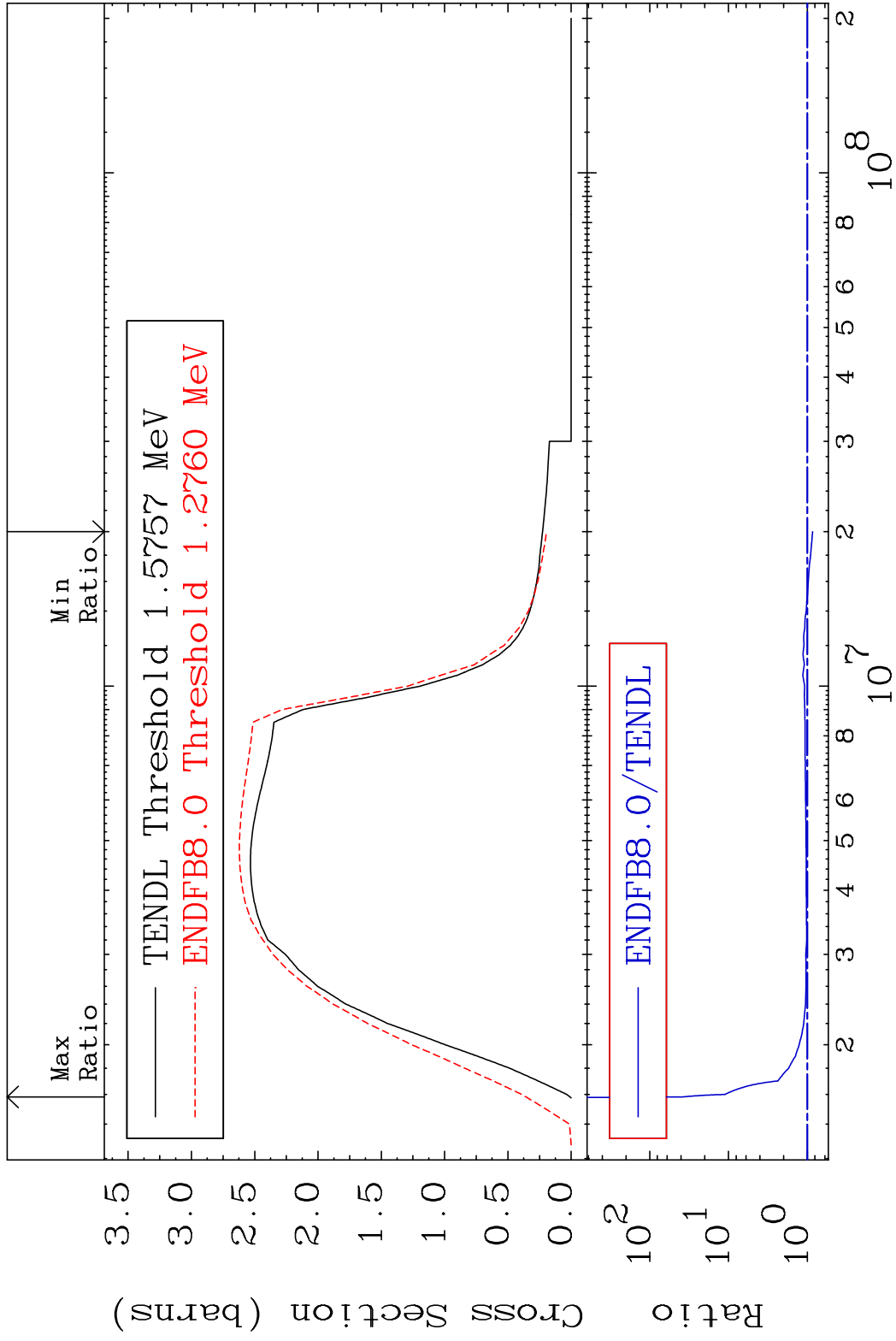


MAT 7031

(n, n') Continuum

70-Yb-170

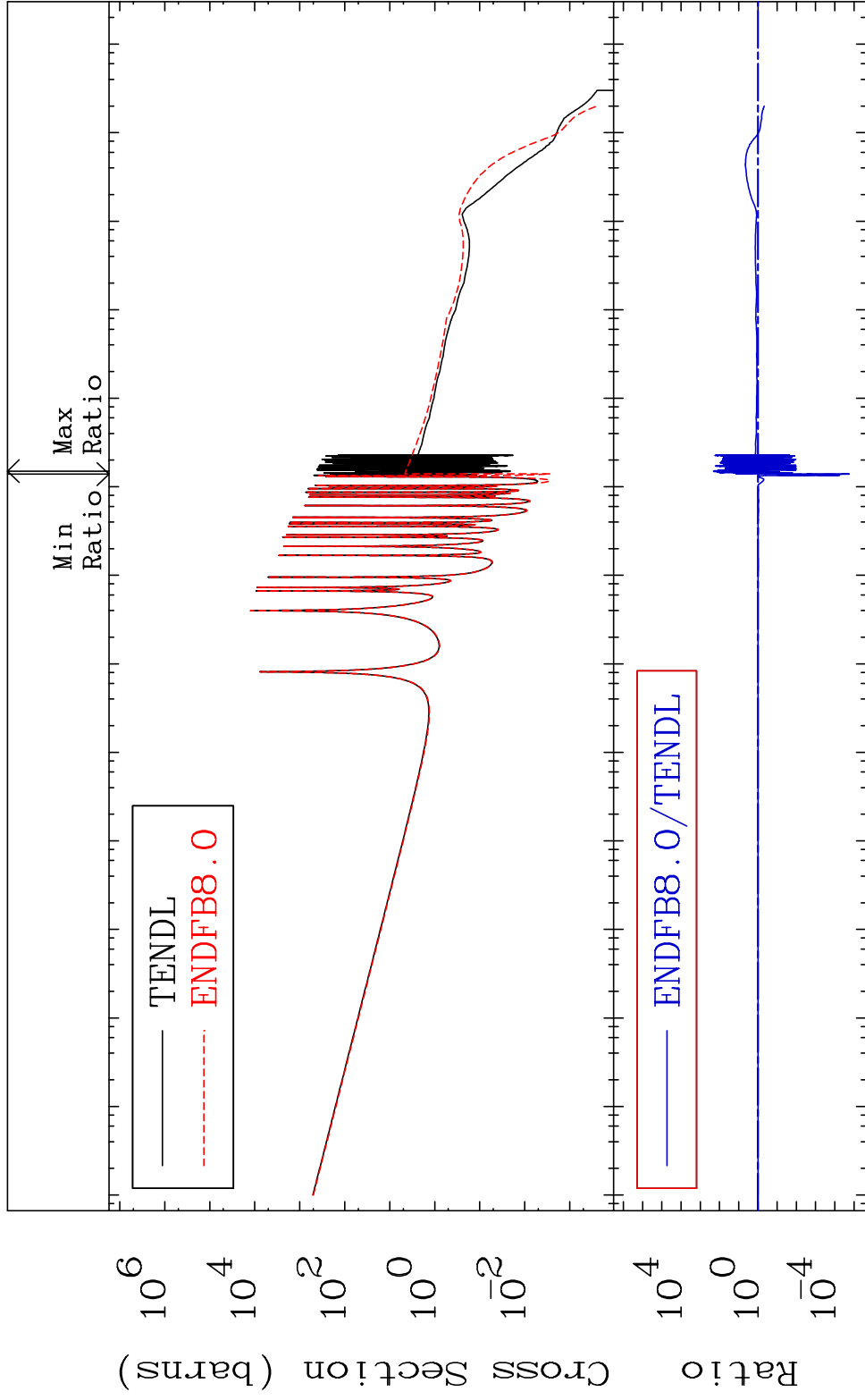
Cross Section -14.17 To 3753. %



MAT 7031

(n, γ)
Cross Section -100.0 To 9999. %

70-Yb-170



20

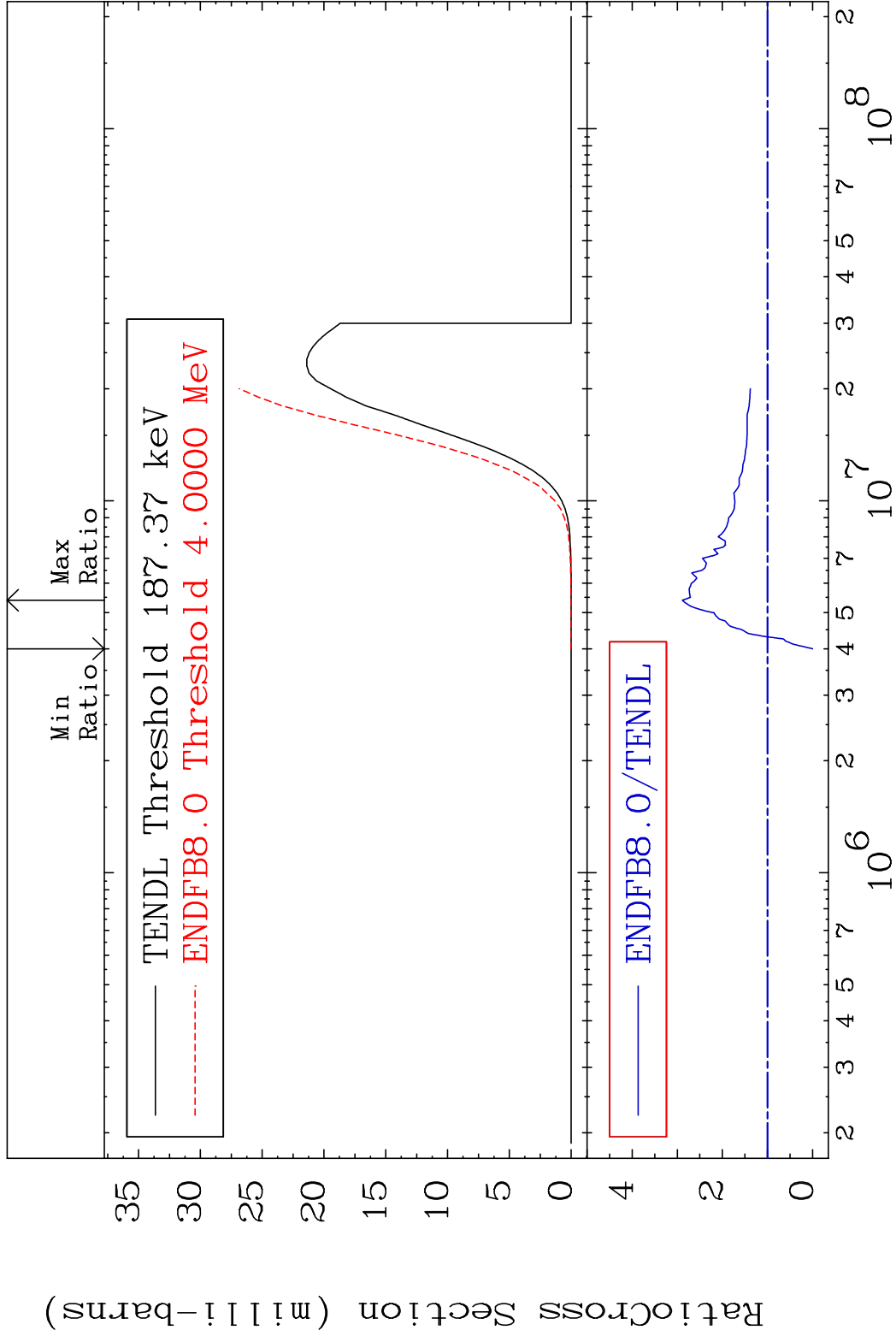
70-Yb-170

MAT 7031

(n, p)

70-Yb-170

Cross Section -100.0 To 188.7 %

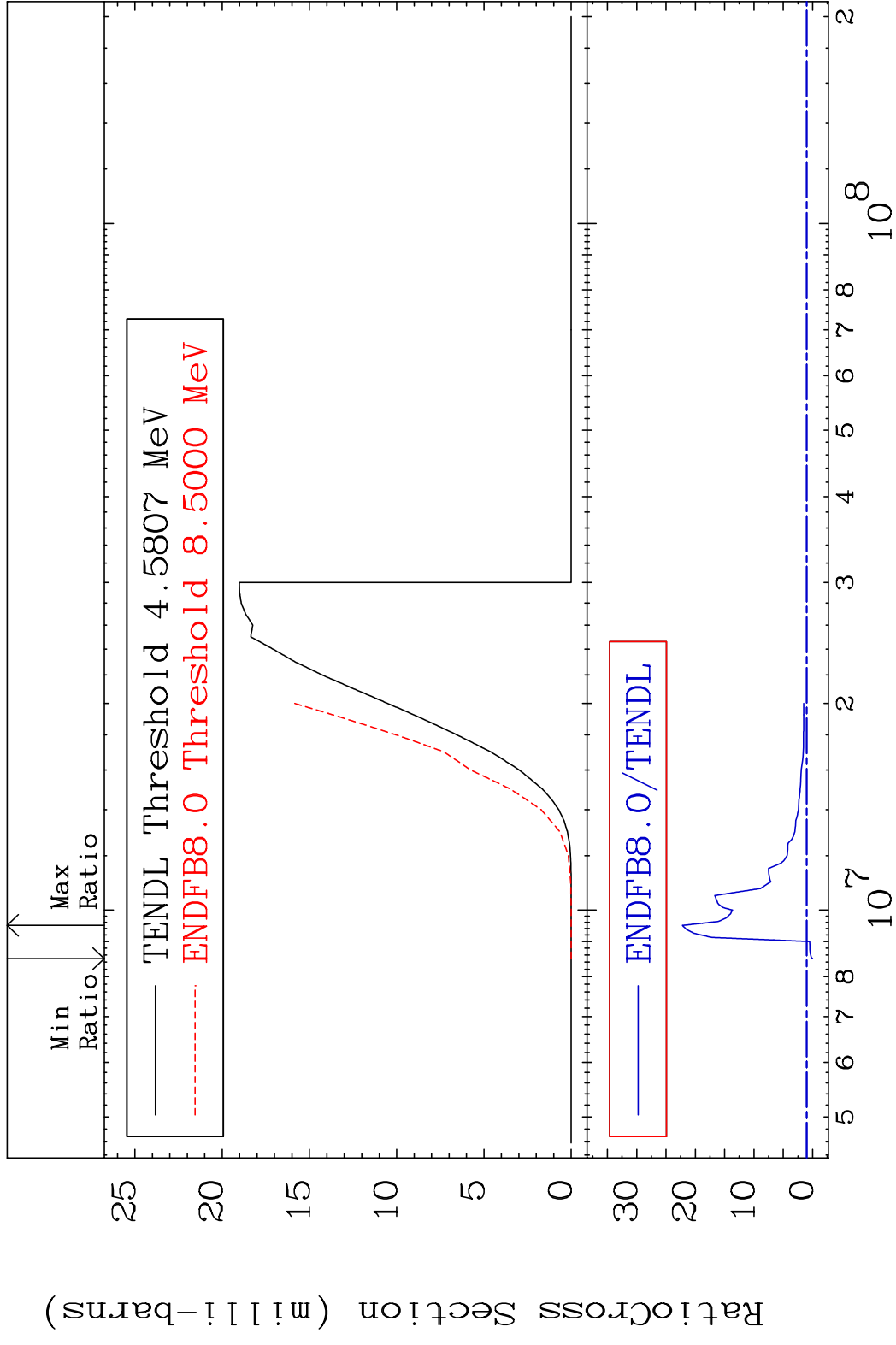


21

Incident Energy (eV)

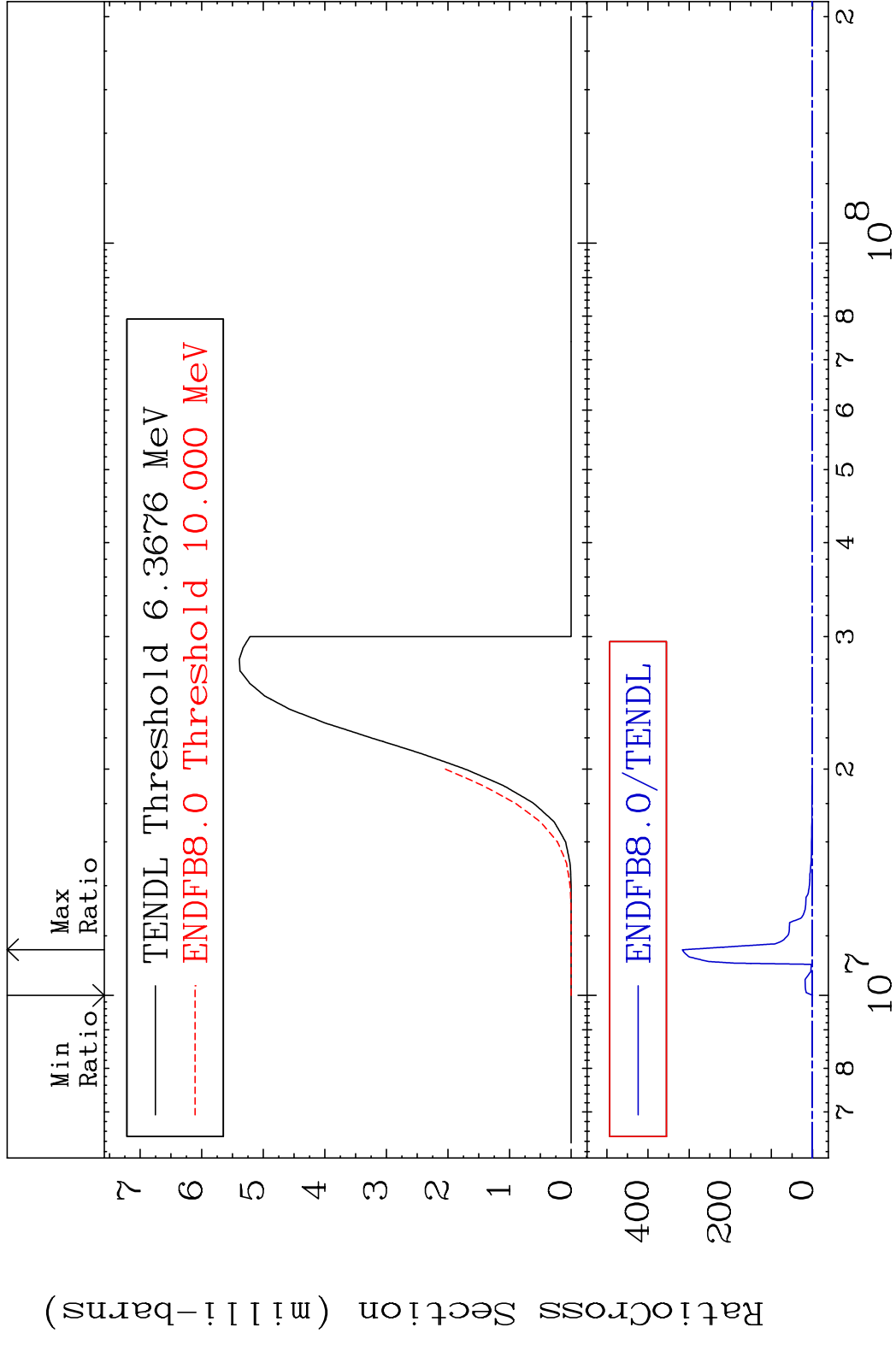
70-Yb-170

MAT 7031 (n,d) 70-Yb-170
 Cross Section -100.0 To 2121. %

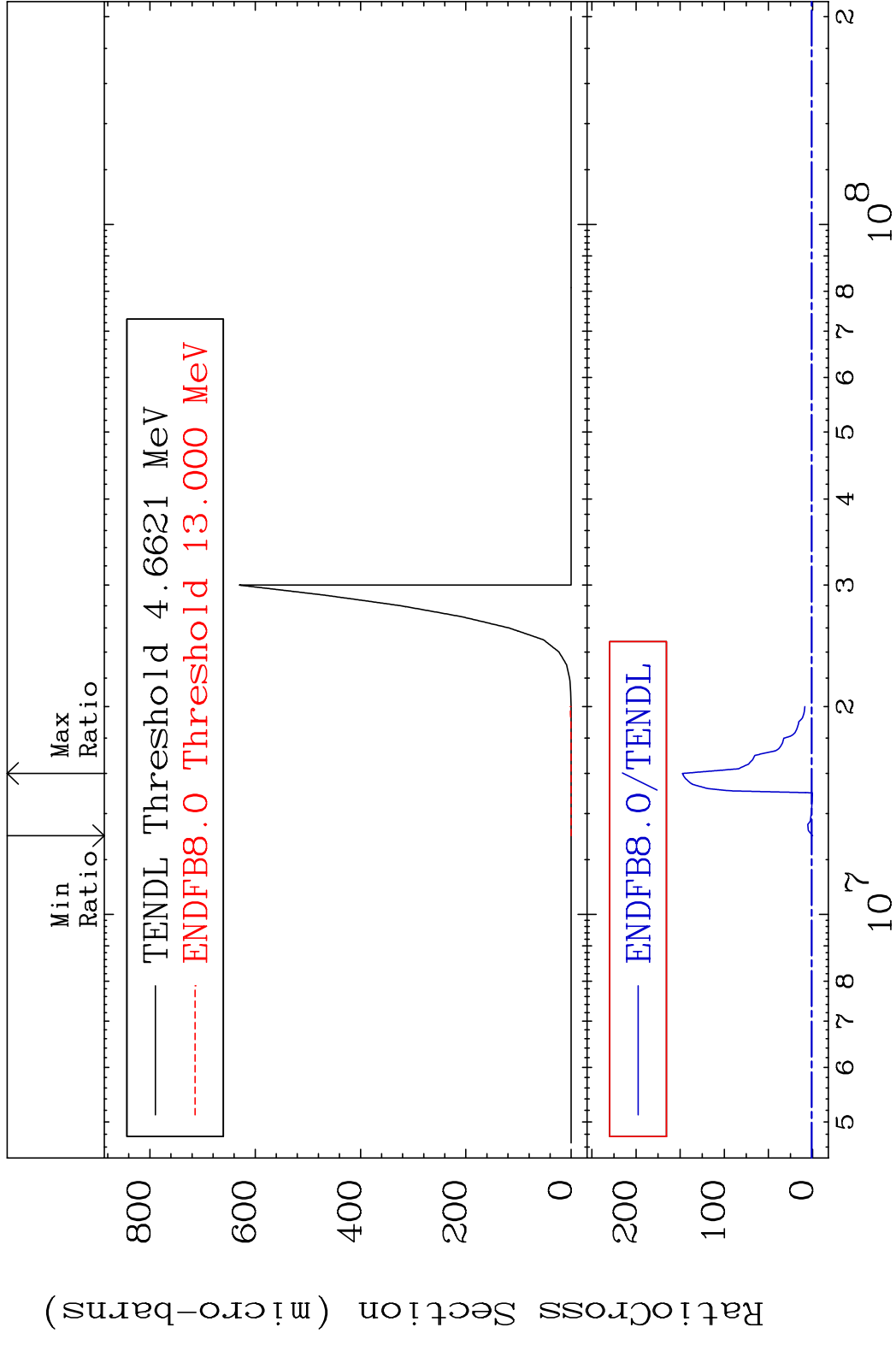


22 Incident Energy (eV) 70-Yb-170

MAT 7031 (n, t) 70-Yb-170
 Cross Section -100.0 To 9999. %



MAT 7031 (n, He-3) 70-Yb-170
 Cross Section -100.0 To 9999. %



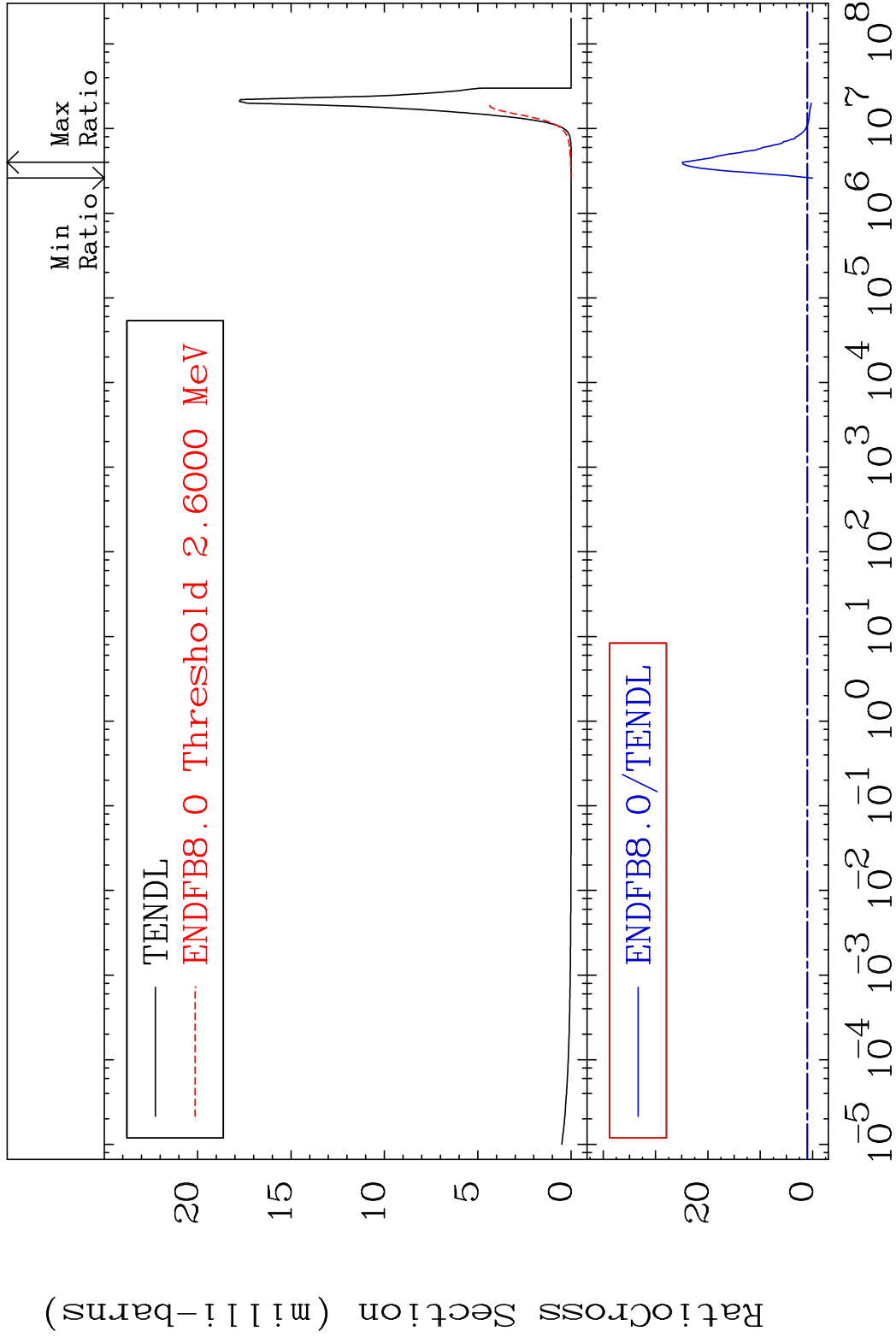
24 Incident Energy (eV) 70-Yb-170

MAT 7031

(n, α)

70-Yb-170

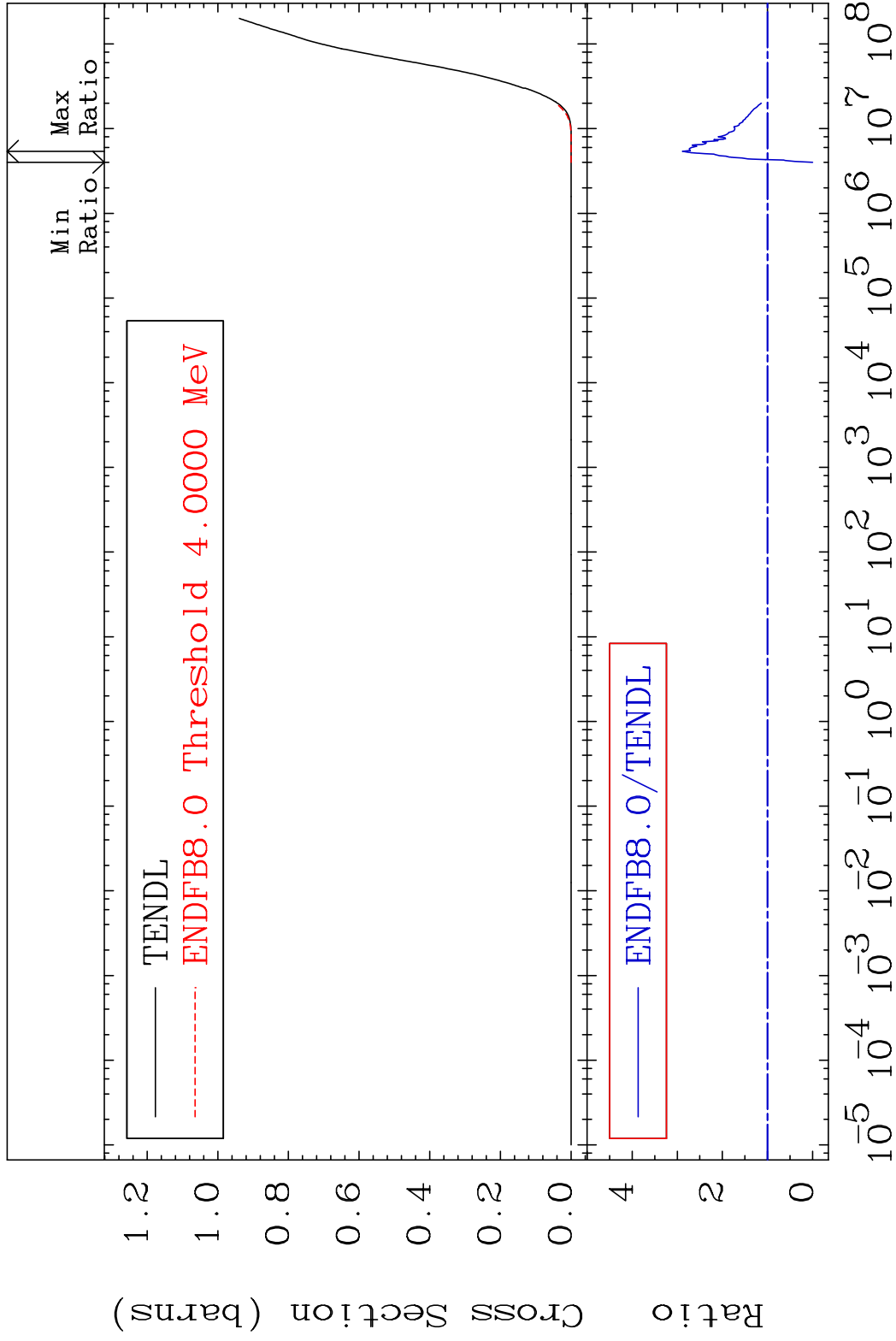
Cross Section -100.0 To 2388. %



25

Incident Energy (eV)

70-Yb-170

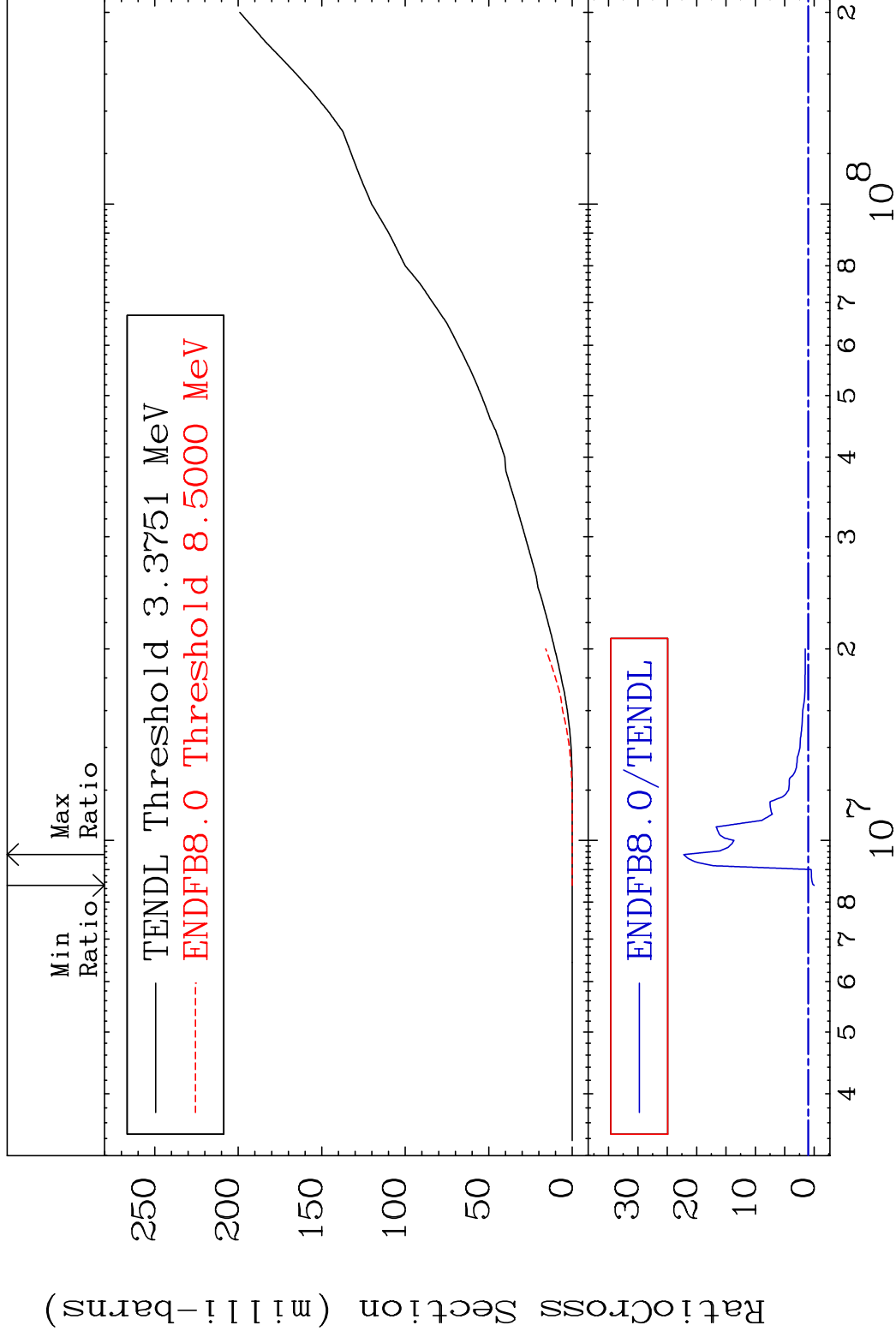


MAT 7031

Deuterium Production

70-Yb-170

Cross Section -100.0 To 2121. %

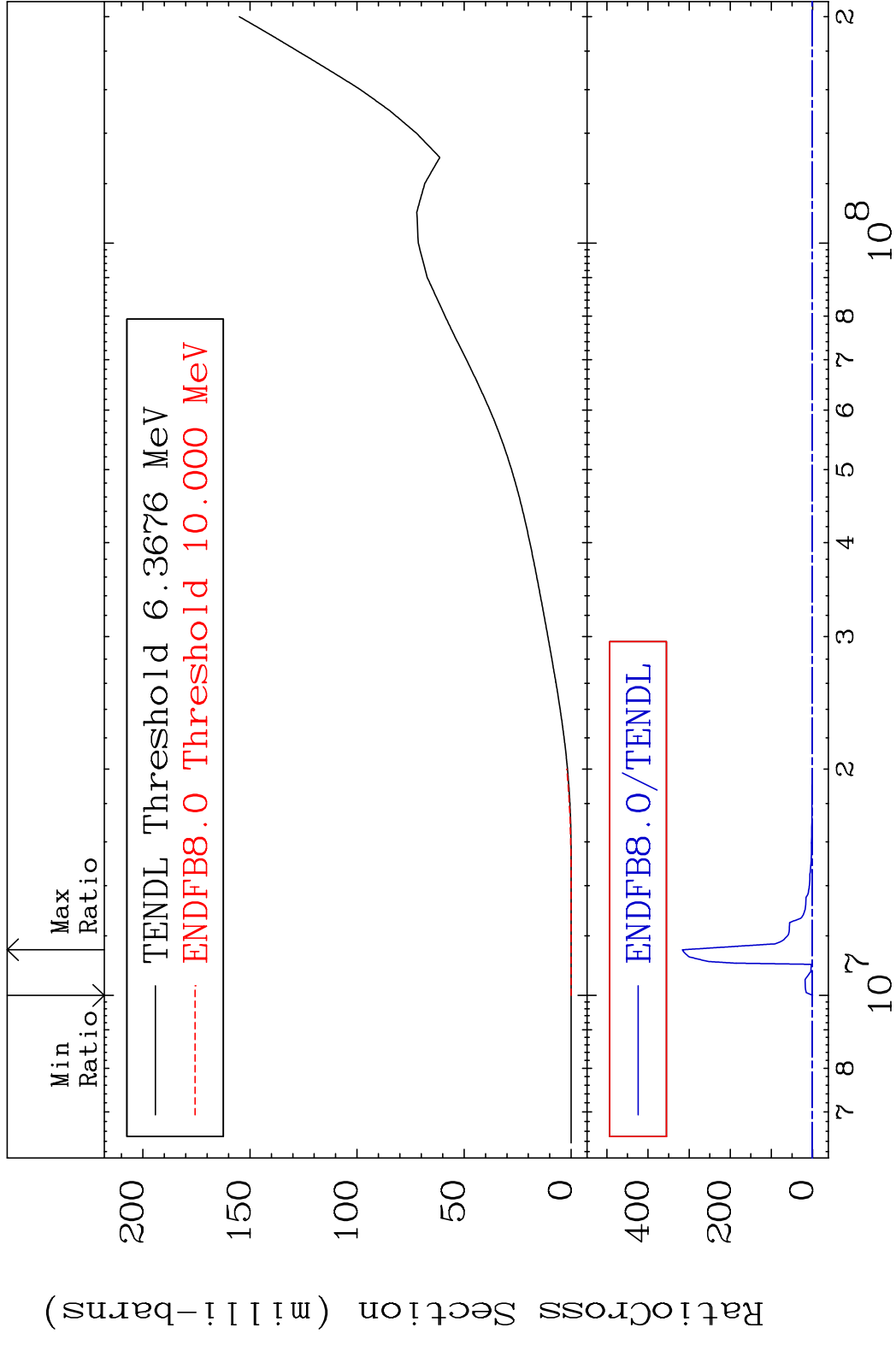


27

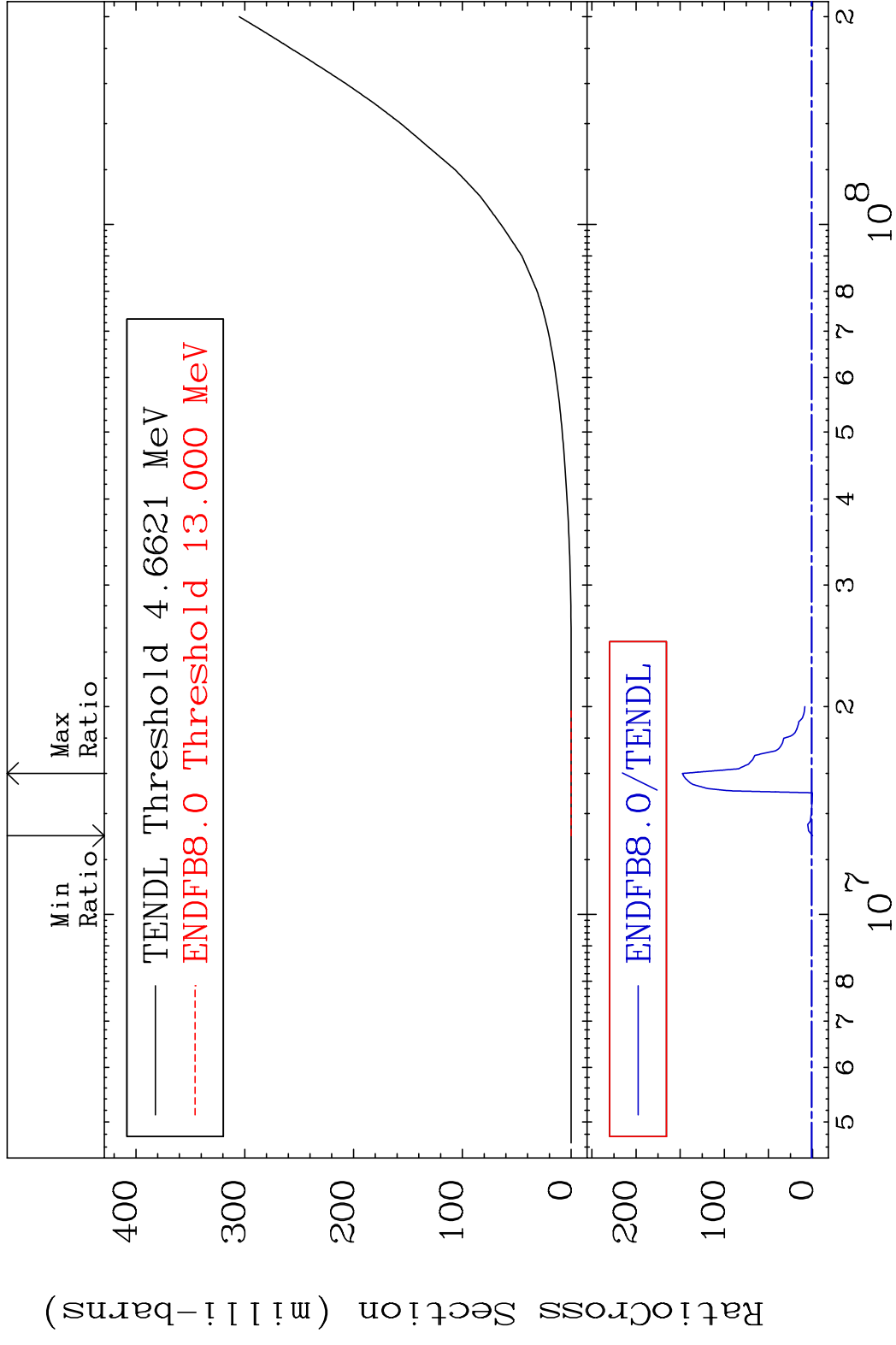
Incident Energy (eV)

70-Yb-170

MAT 7031 Tritium Production 70-Yb-170
 Cross Section -100.0 To 9999. %



MAT 7031 He-3 Production 70-Yb-170
 Cross Section -100.0 To 9999. %

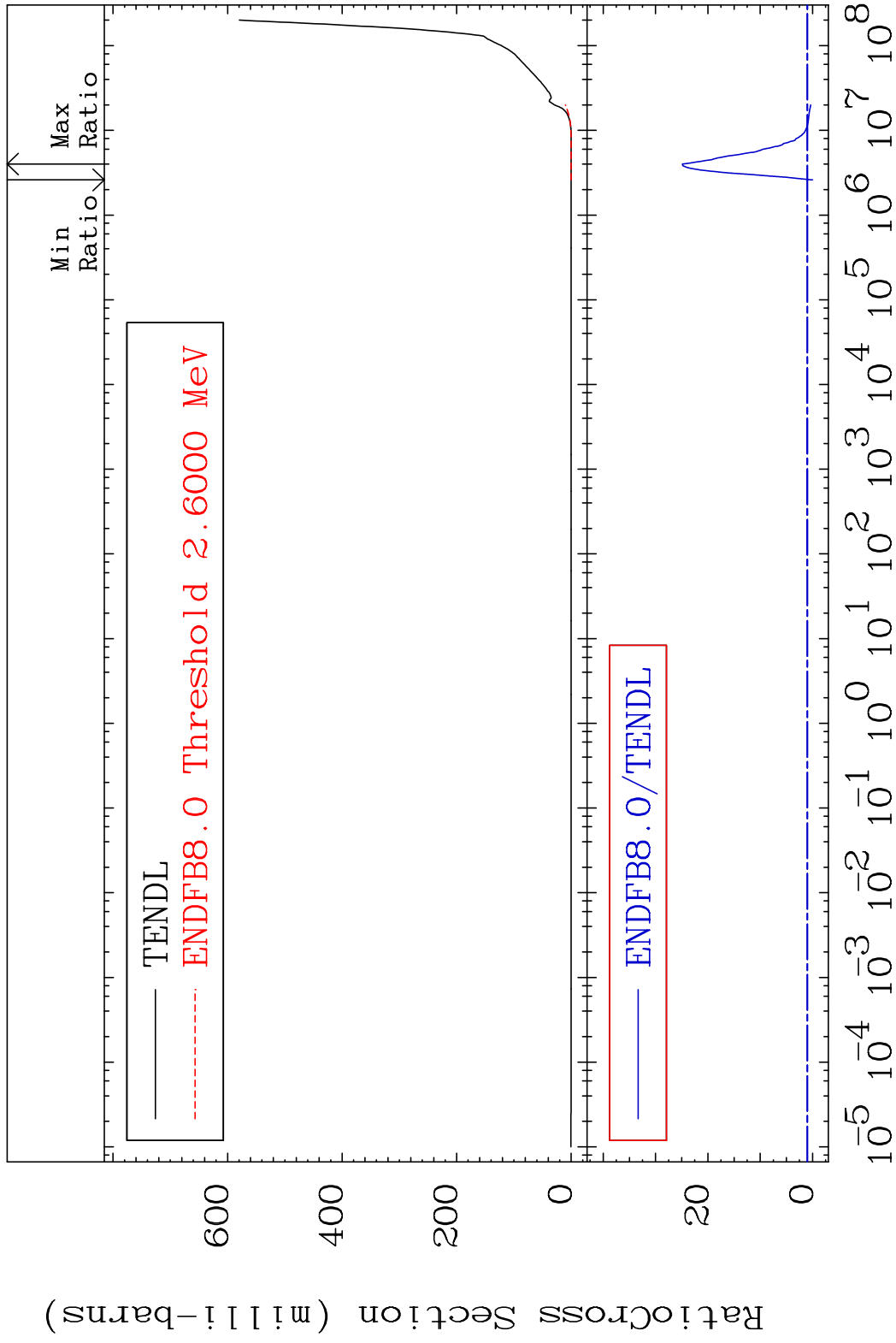


MAT 7031

He-4 Production

70-Yb-170

Cross Section -100.0 To 2388. %

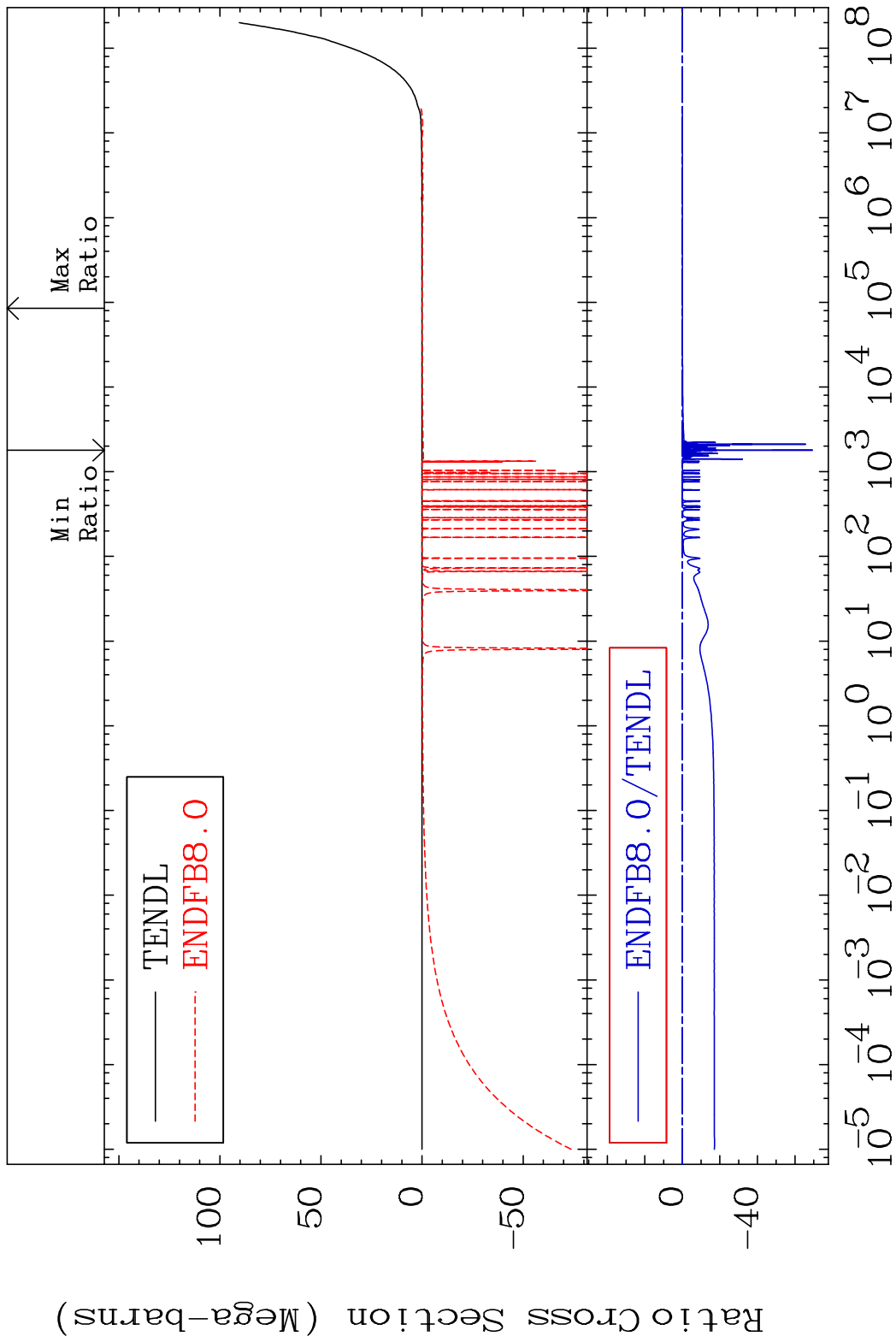


30

Incident Energy (eV)

70-Yb-170

MAT 7031 Kerma total (eV-barns) 70-Yb-170
 Cross Section -9999. To 1413. %



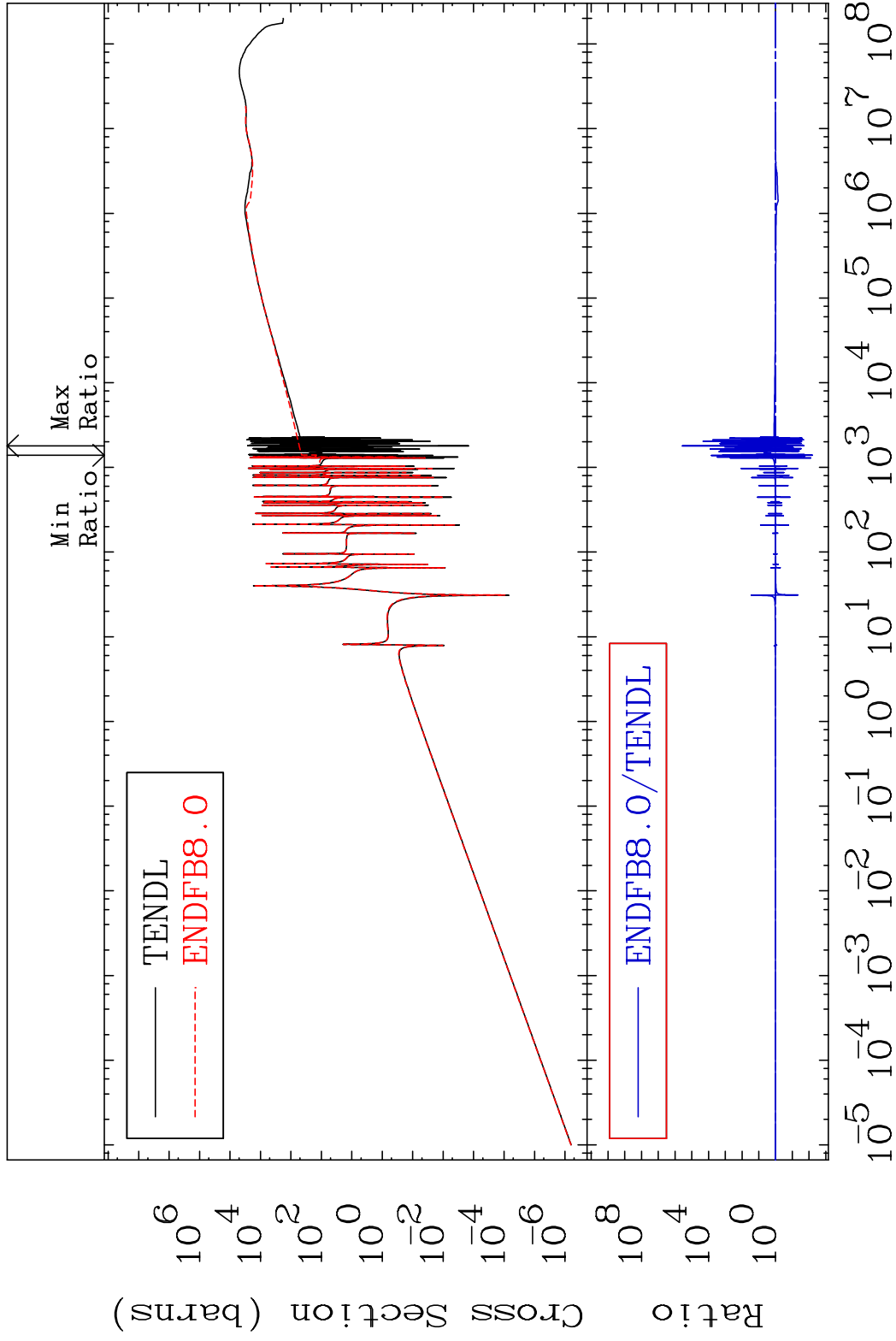
31 70-Yb-170

MAT 7031

Kerma elastic

70-Yb-170

Cross Section -99.38 To 9999. %

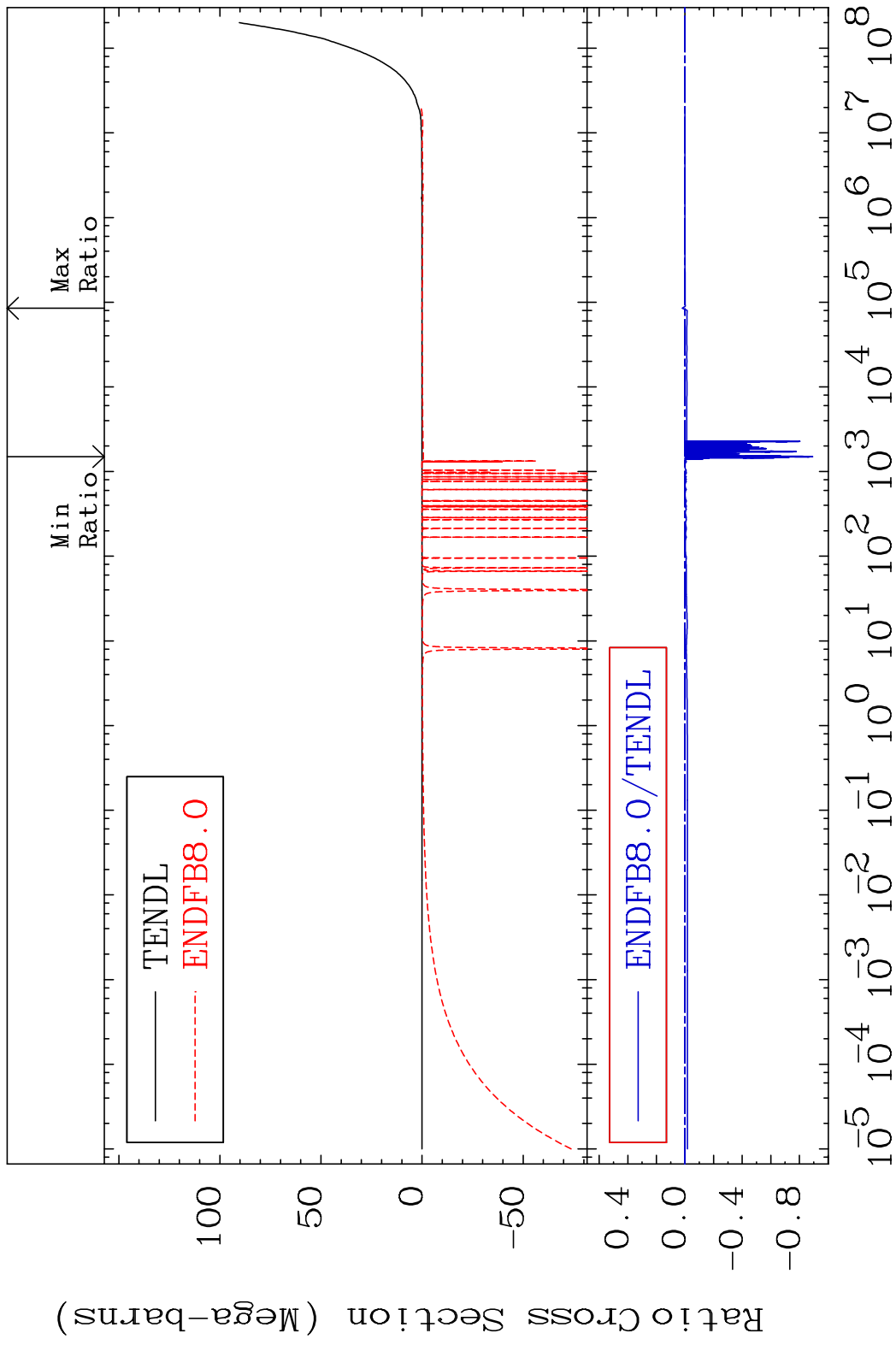


32

Incident Energy (eV)

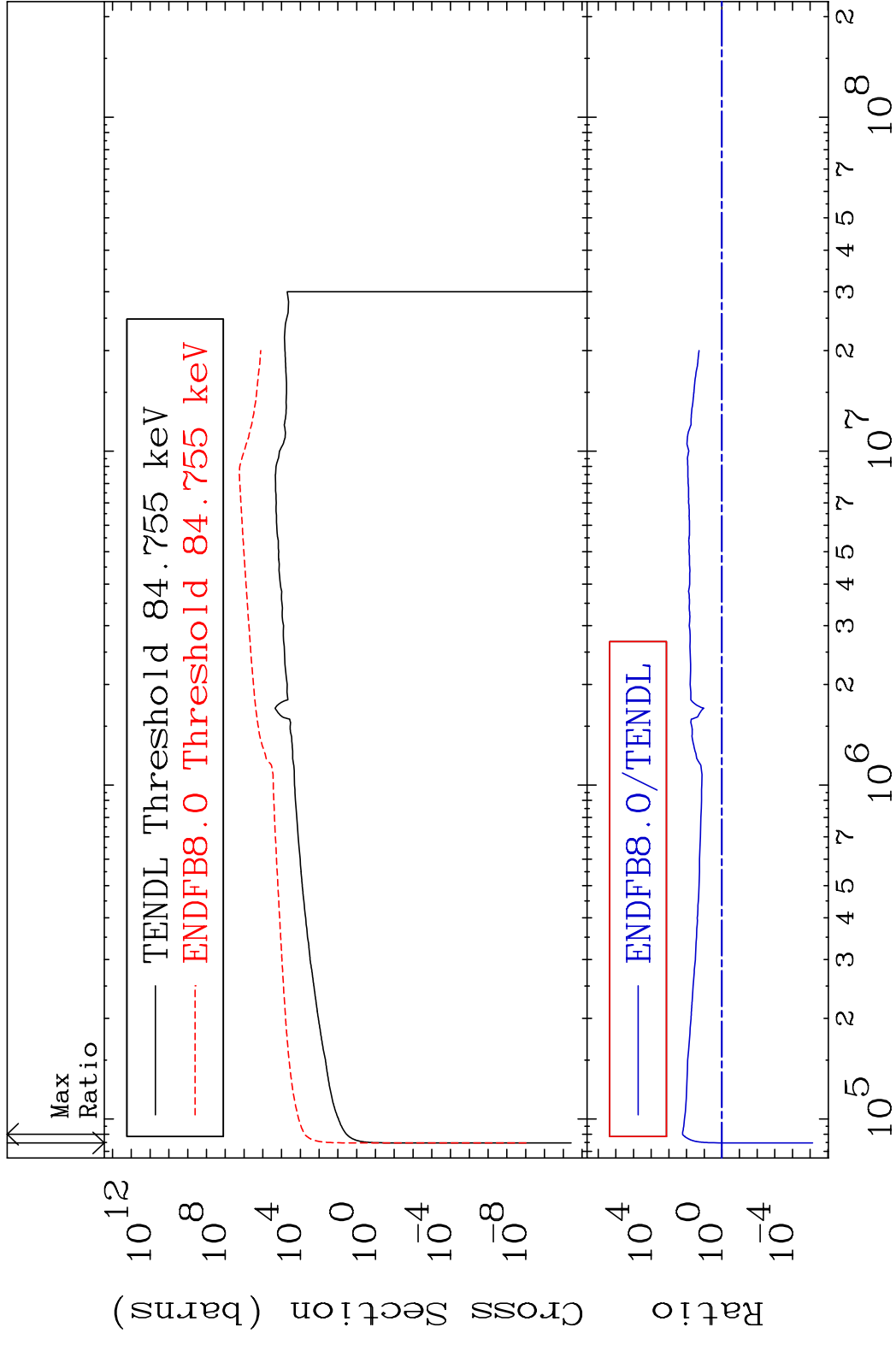
70-Yb-170

MAT 7031 Kerma non-elastic (all but mt2) 70-Yb-170
 Cross Section -9999. To 9999. %

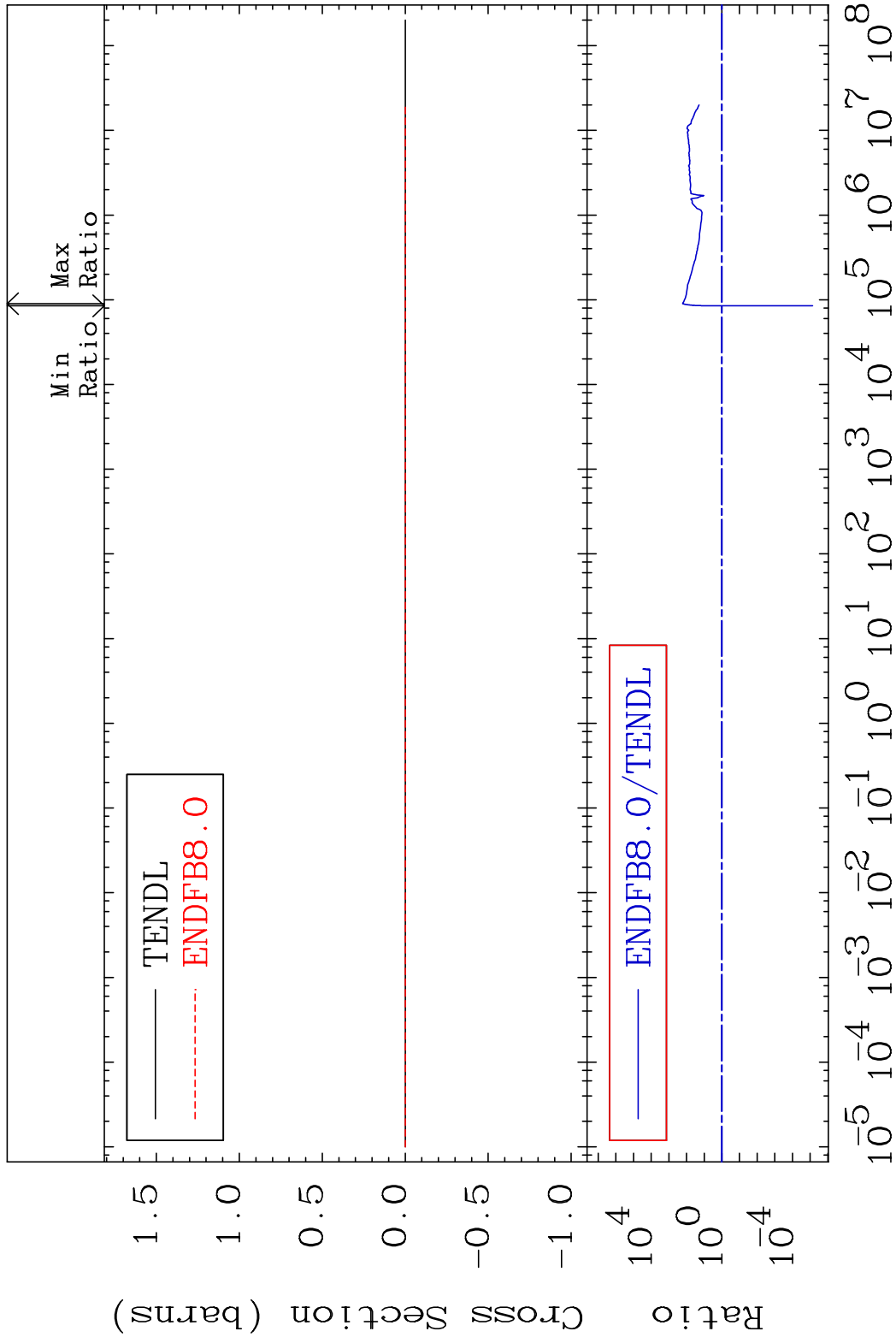


33 Incident Energy (eV) 70-Yb-170

MAT 7031 Kerma inelastic (mt51-91) 70-Yb-170
 Cross Section -100.0 To 9999. %



MAT 7031 Kerma fission (mt18 or mt19-20-21-38)70-Yb-170
 Cross Section -100.0 To 9999. %

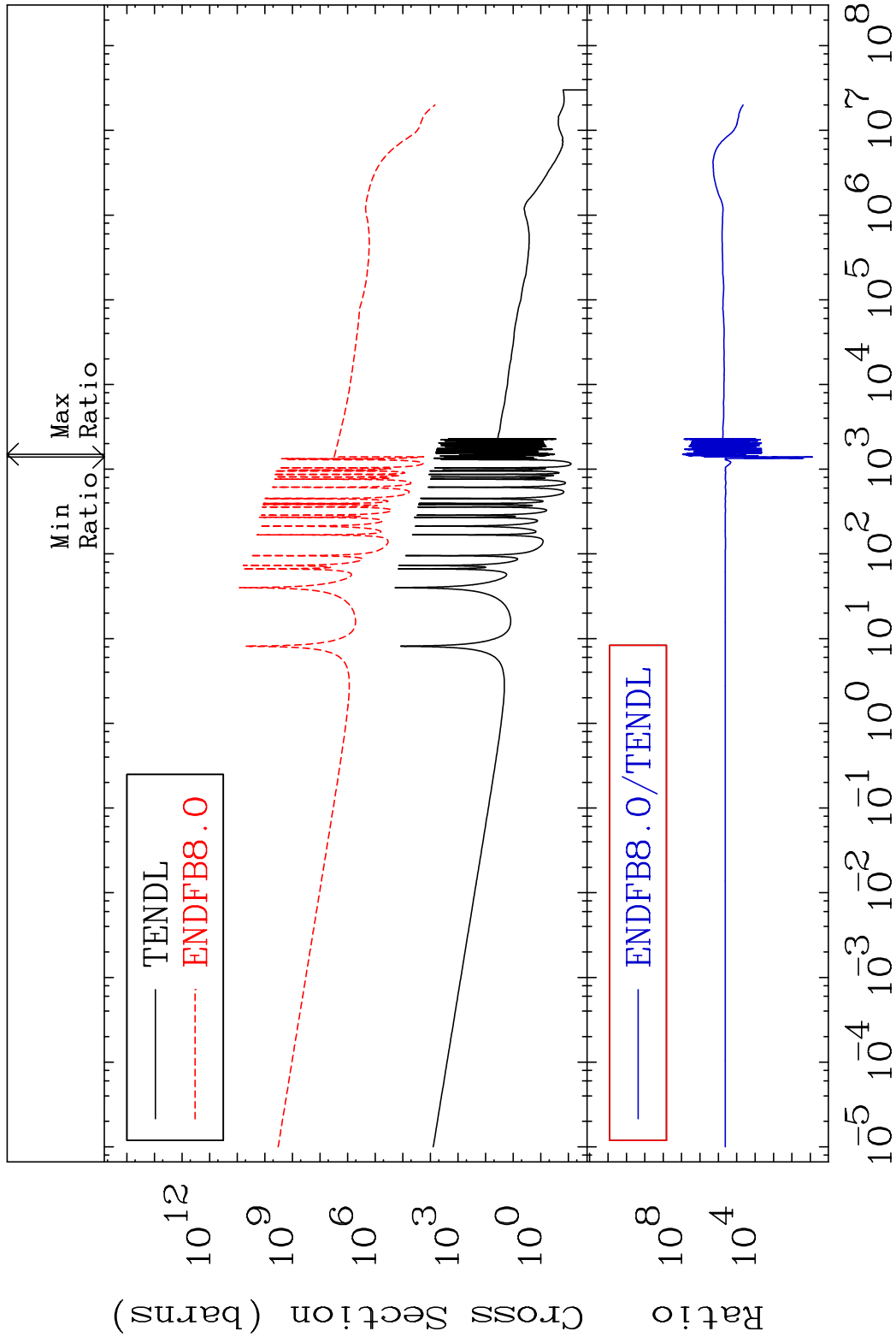


MAT 7031

Kerma capture (mt102)

70-Yb-170

Cross Section 651.0 To 9999. %

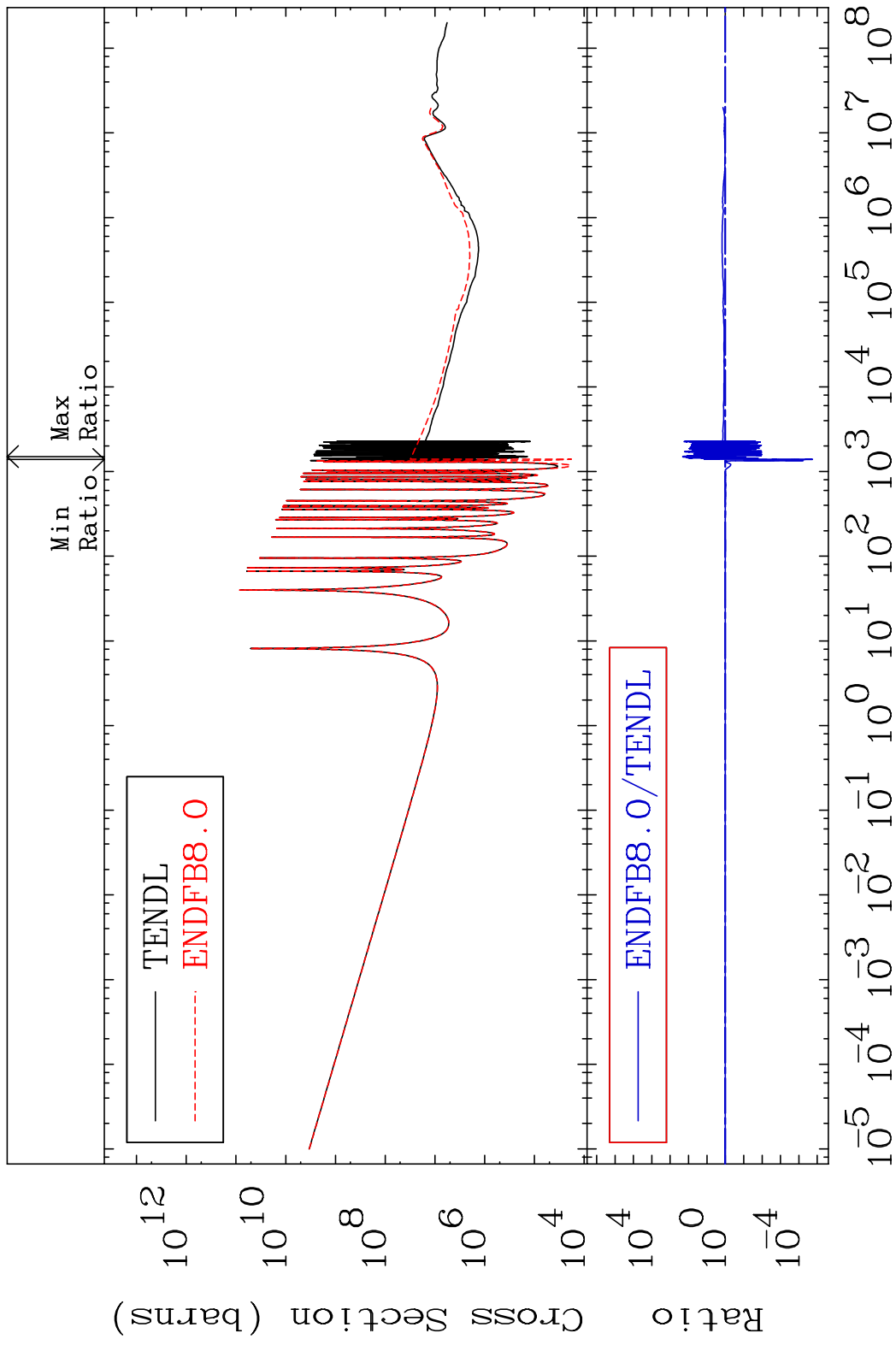


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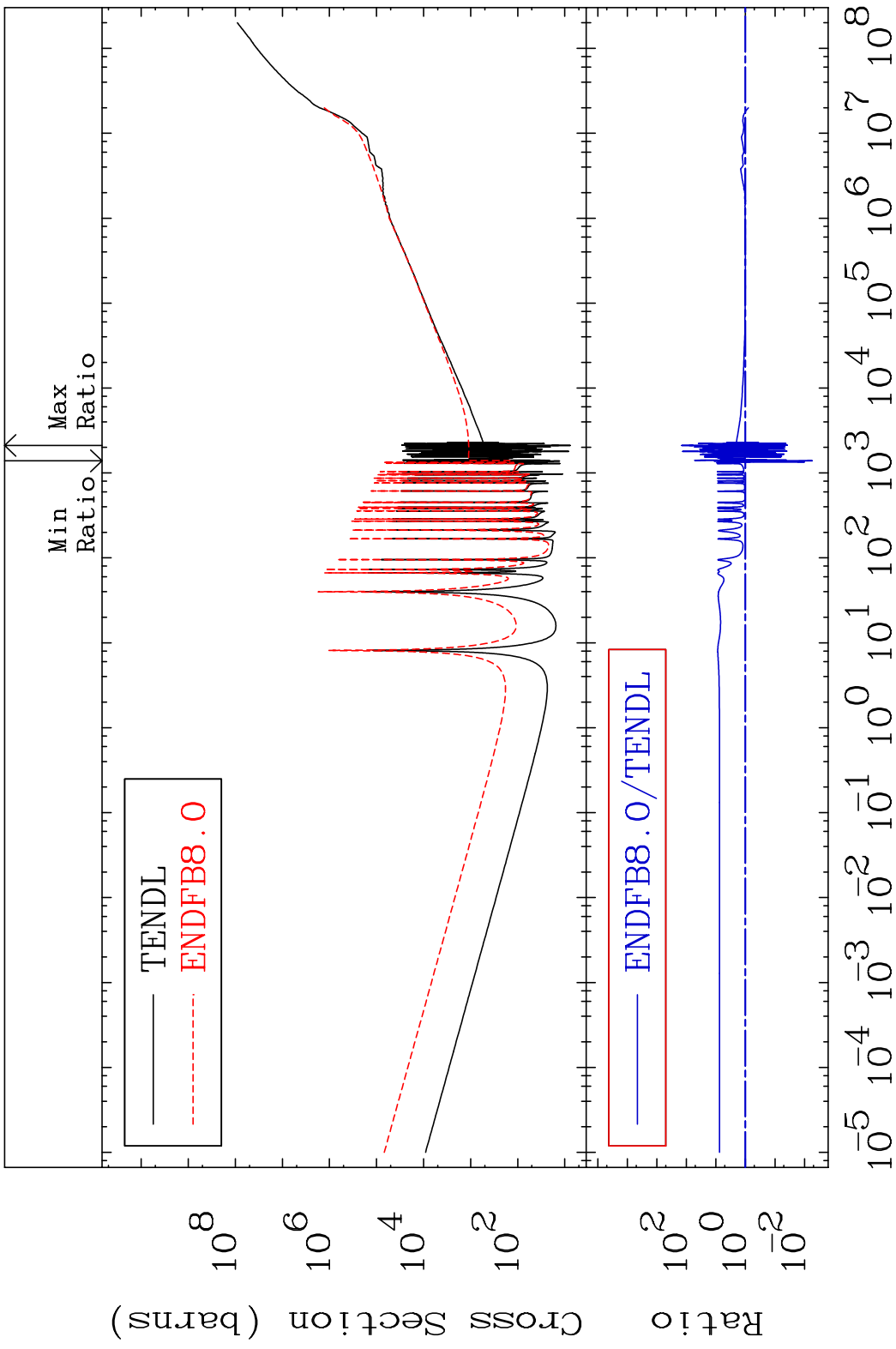
Incident Energy (eV)

70-Yb-170

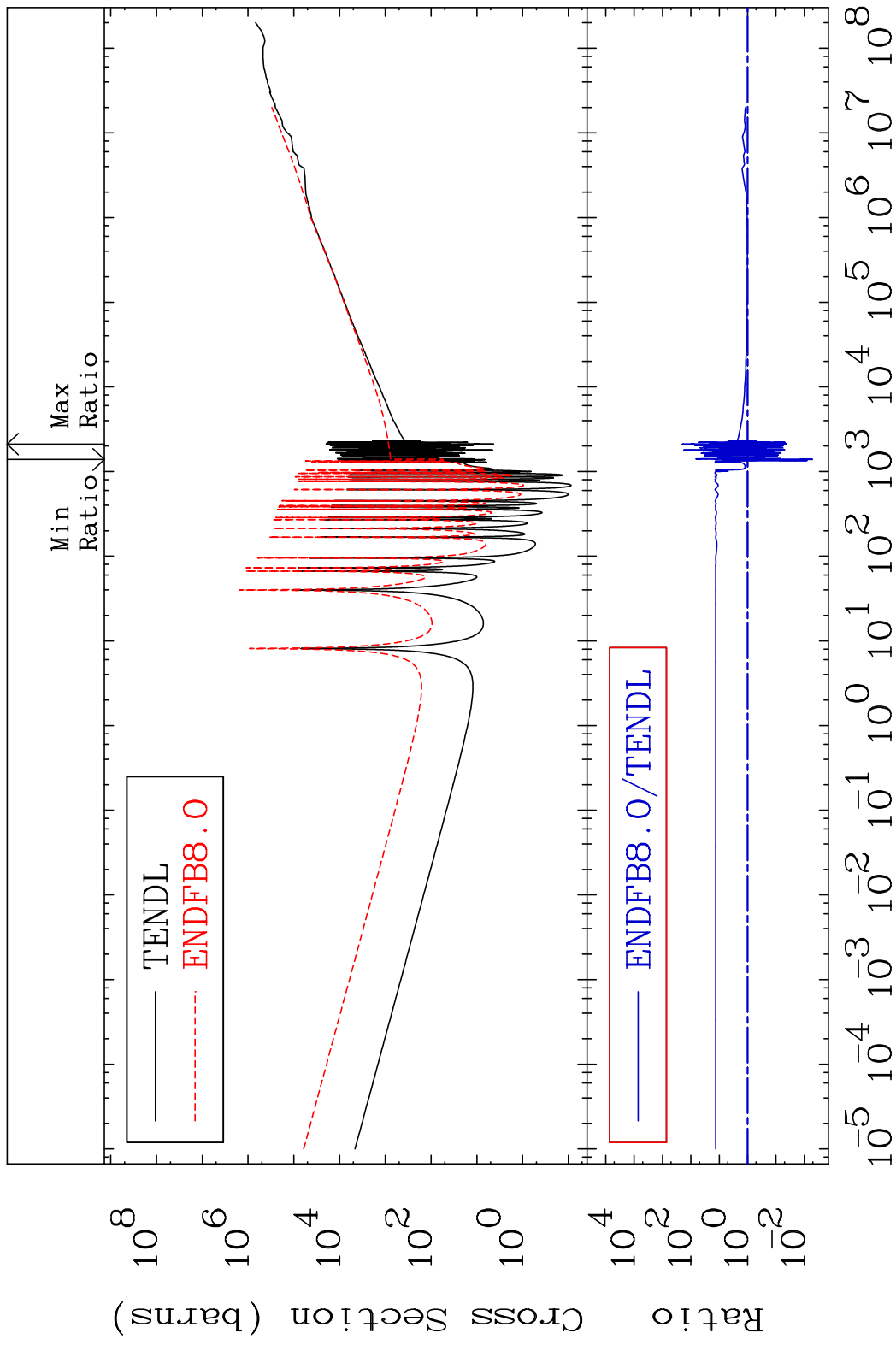
MAT 7031 Total photon (eV-barns) 70-Yb-170
 Cross Section -100.0 To 9999. %



MAT 7031 Total kinematic kerma (high limit) 70-Yb-170
 Cross Section -99.46 To 9999. %



MAT 7031 Dpa total (eV-barns) 70-Yb-170
 Cross Section -99.49 To 9999. %



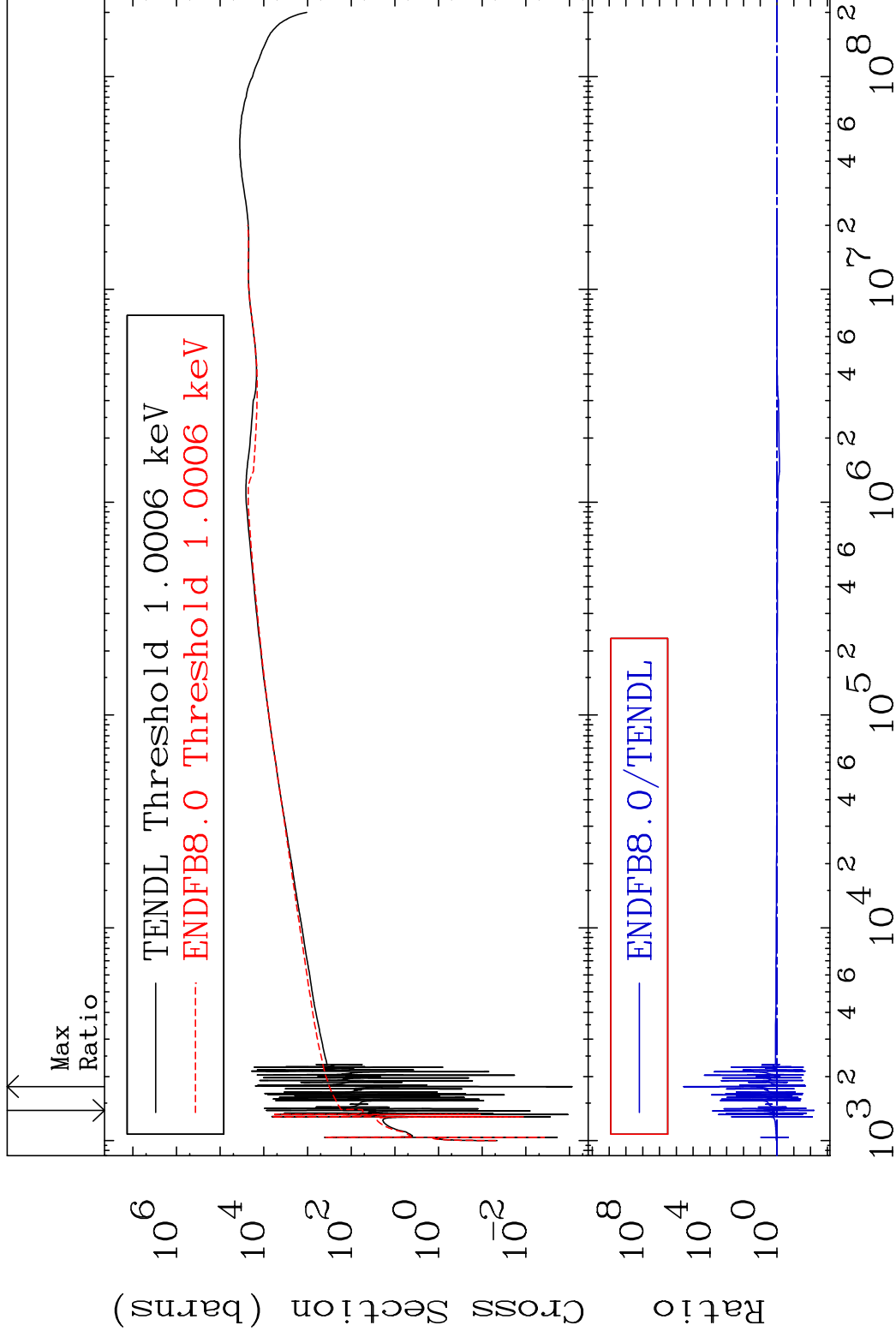
39 Incident Energy (eV) 70-Yb-170

MAT 7031

Dpa elastic (mt2)

70-Yb-170

Cross Section -99.38 To 9999. %

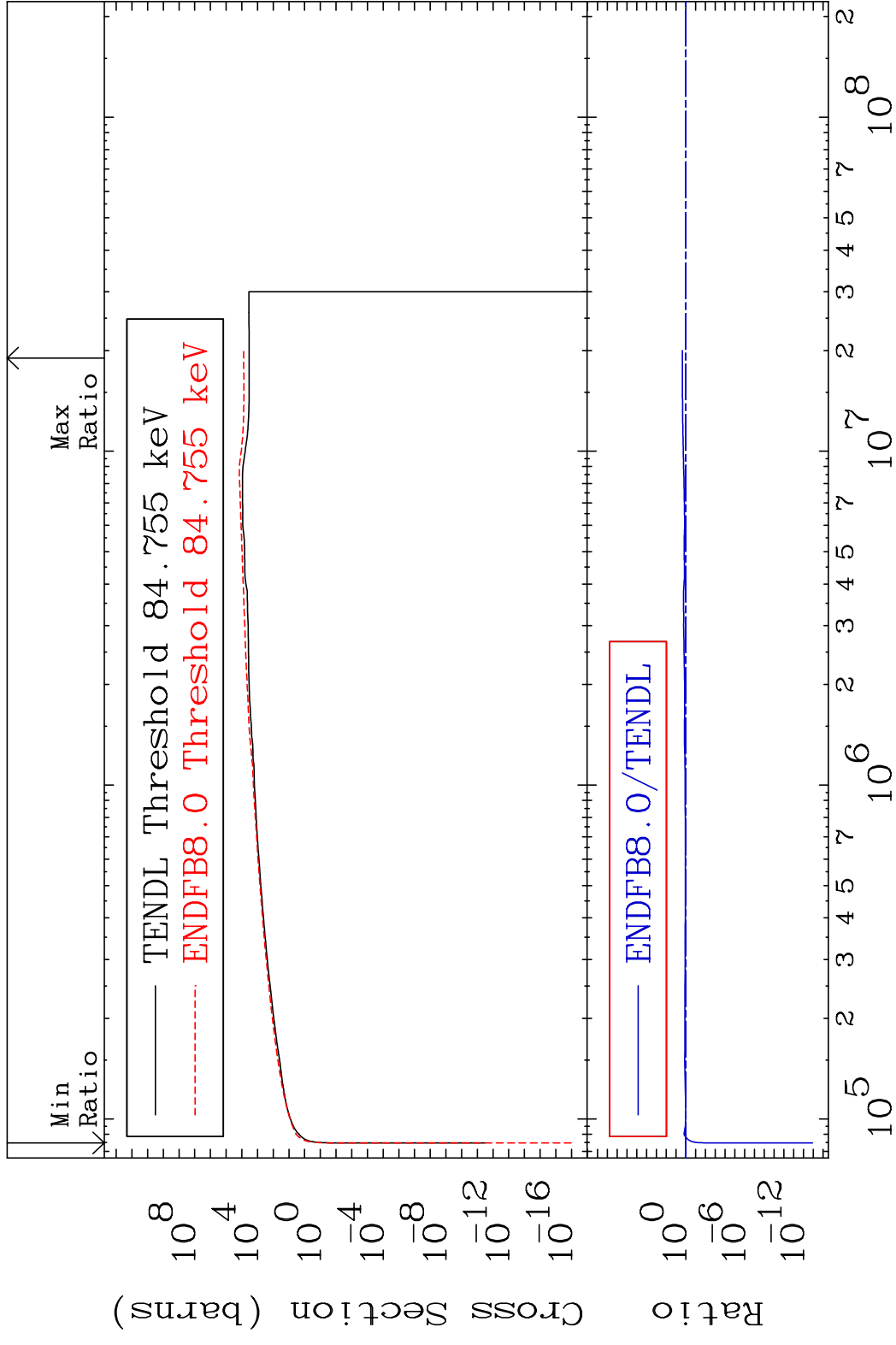


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Incident Energy (eV)

70-Yb-170

MAT 7031 Dpa inelastic (mt51-91) 70-Yb-170
 Cross Section -100.0 To 123.4 %



MAT 7031 Dpa disappearance (mt102 -120) 70-Yb-170
 Cross Section -99.97 To 9999. %

