

Program Complot
(Version 2021-1)

by

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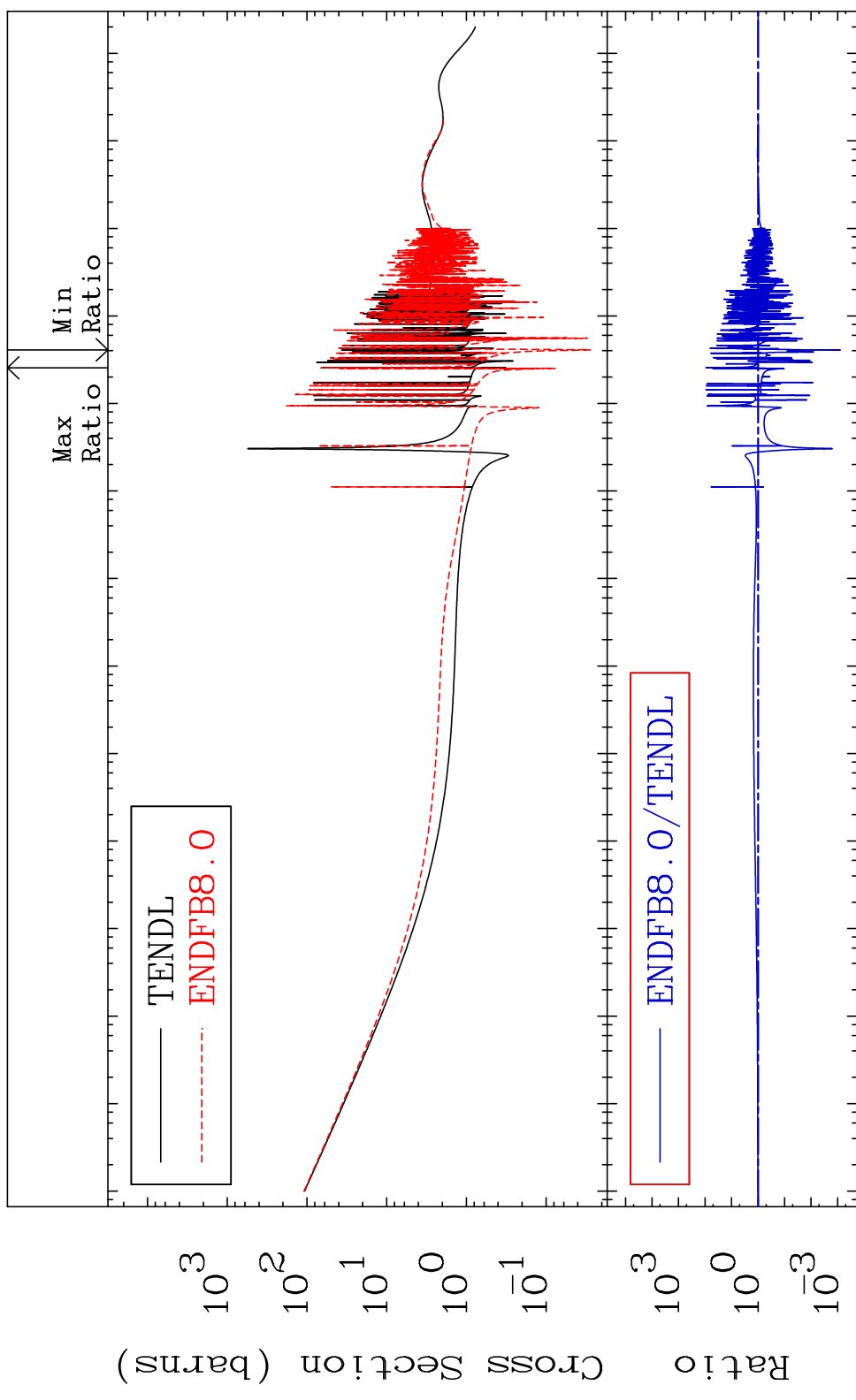
Press Mouse Button to Start

MAT 1925

Total

19-K -39

Cross Section -99.92 To 9312. %



1

Incident Energy (eV)

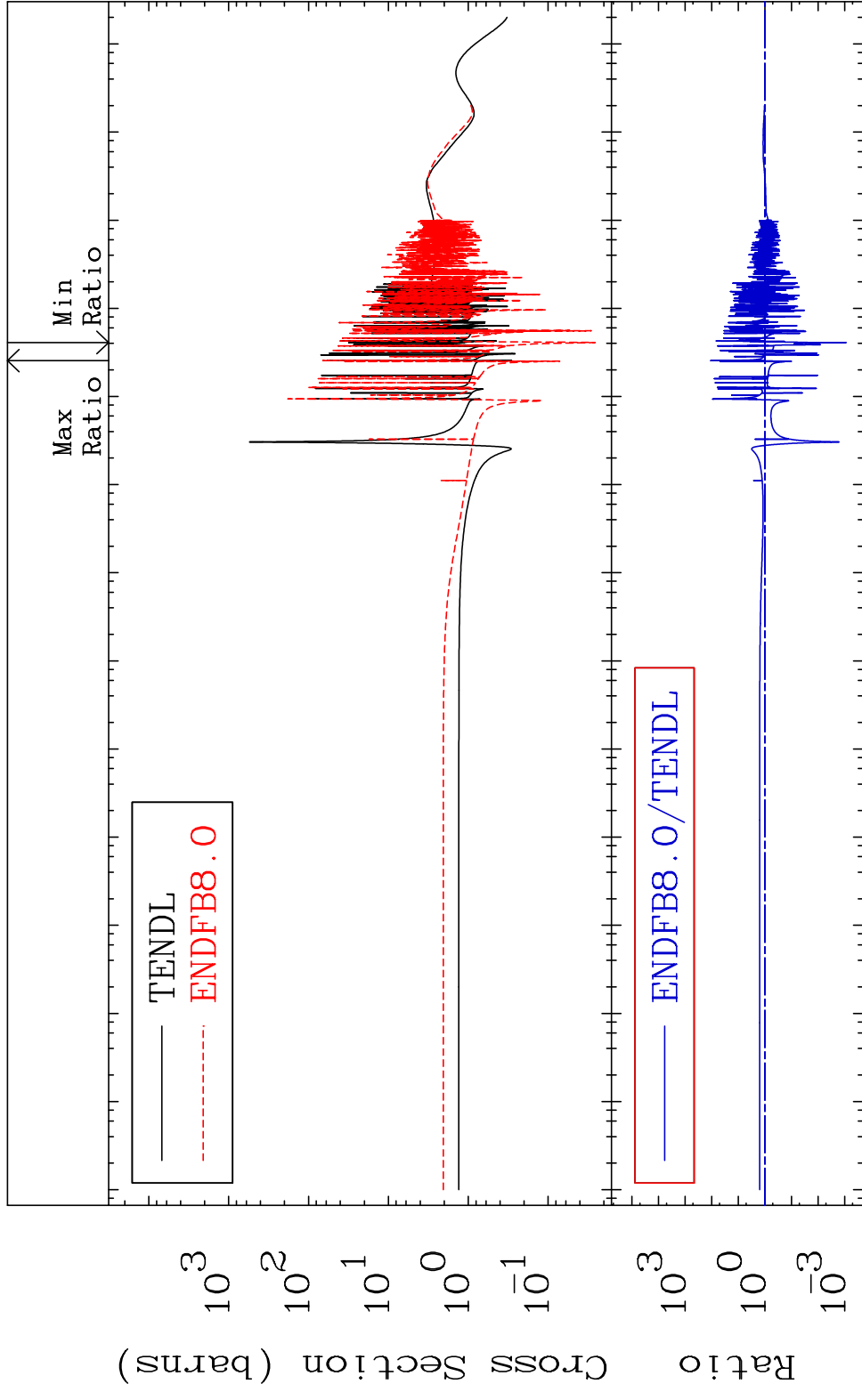
19-K -39

MAT 1925

Elastic

19-K -39

Cross Section -99.91 To 9999. %

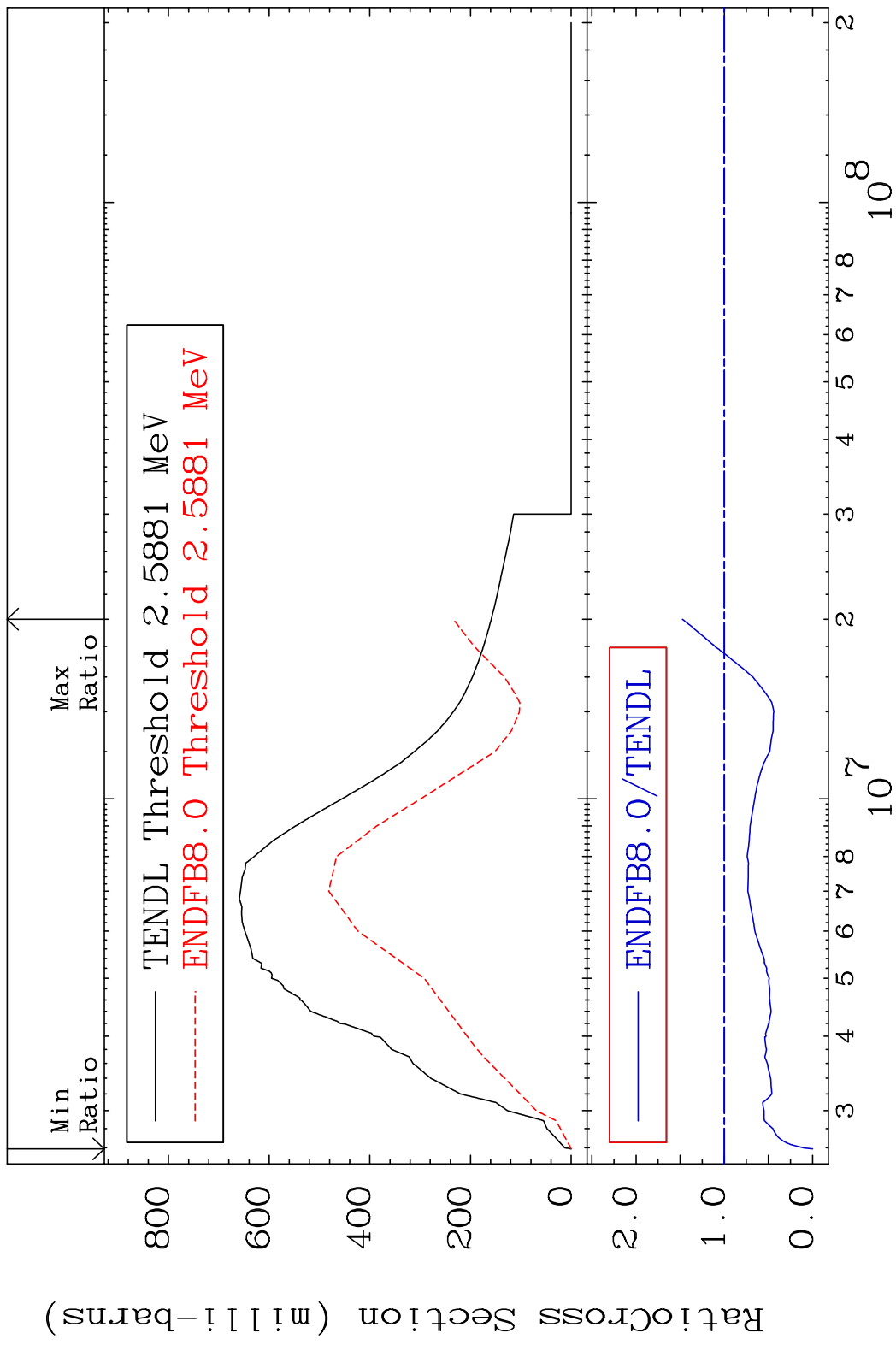


2

Incident Energy (eV)

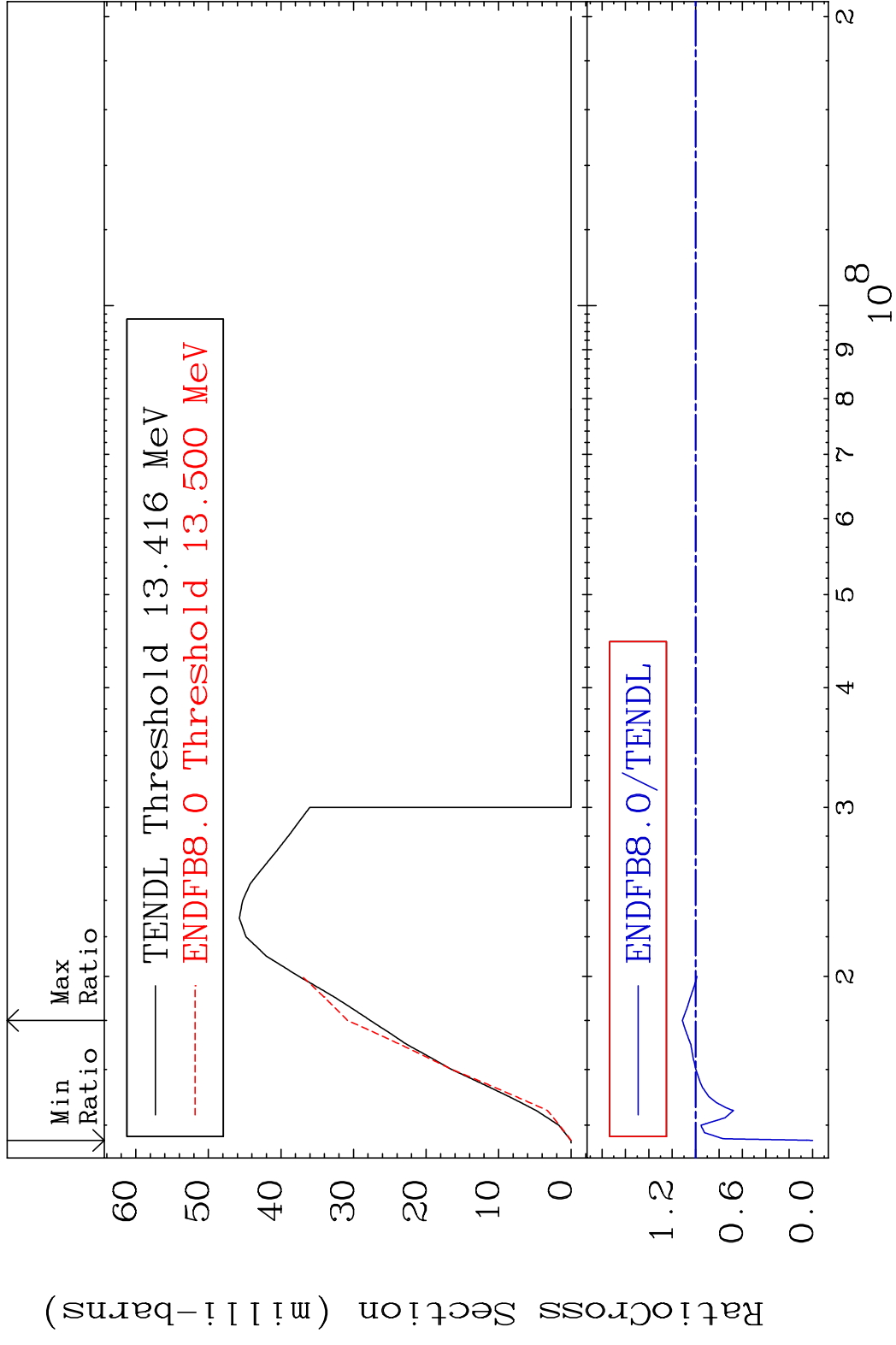
19-K -39

MAT 1925 Inelastic 19-K -39
Cross Section -100.0 To 47.48 %

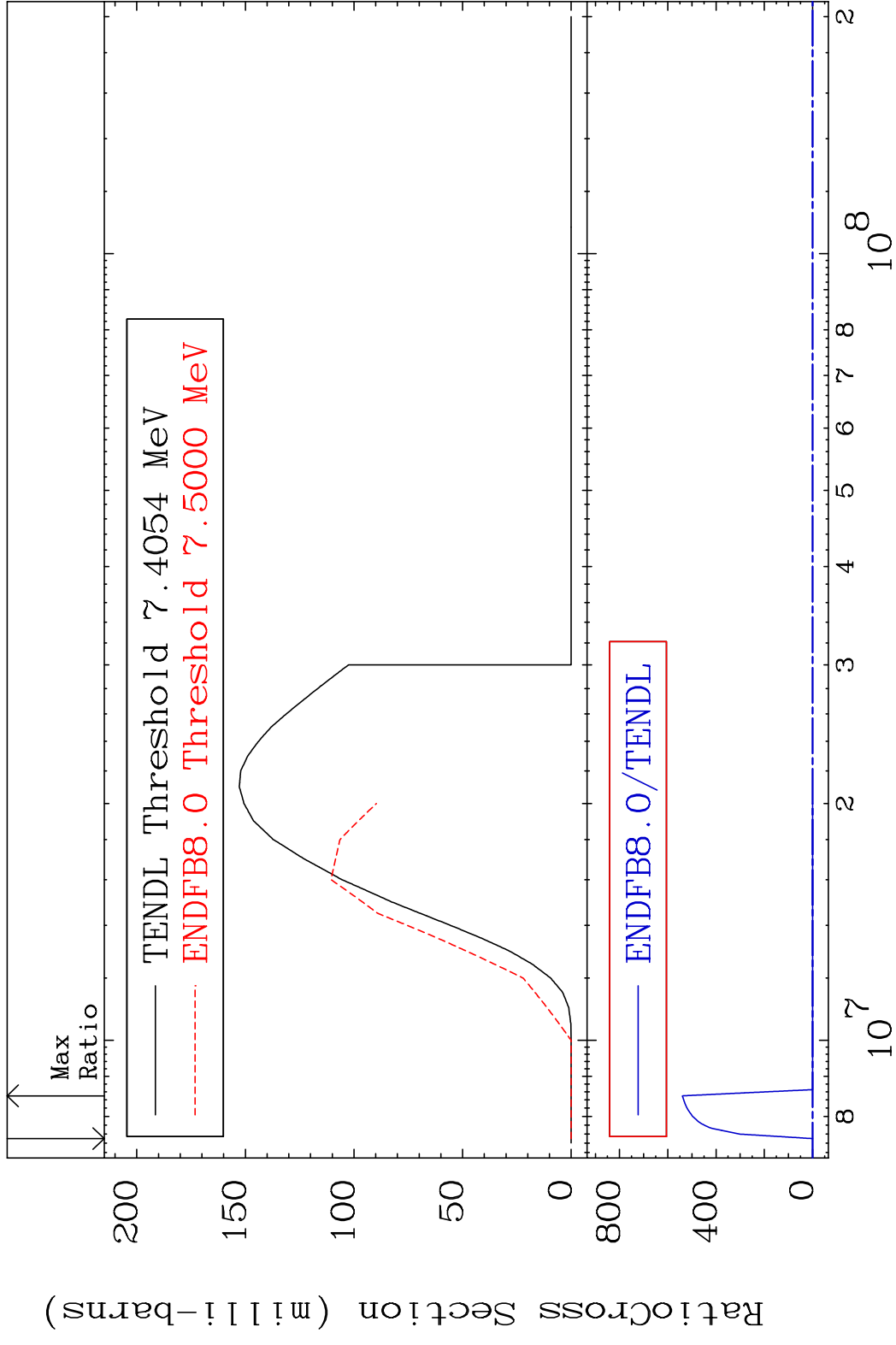


3 3 Incident Energy (eV) 19-K -39

MAT 1925 (n,2n) 19-K -39
 Cross Section -100.0 To 11.34 %

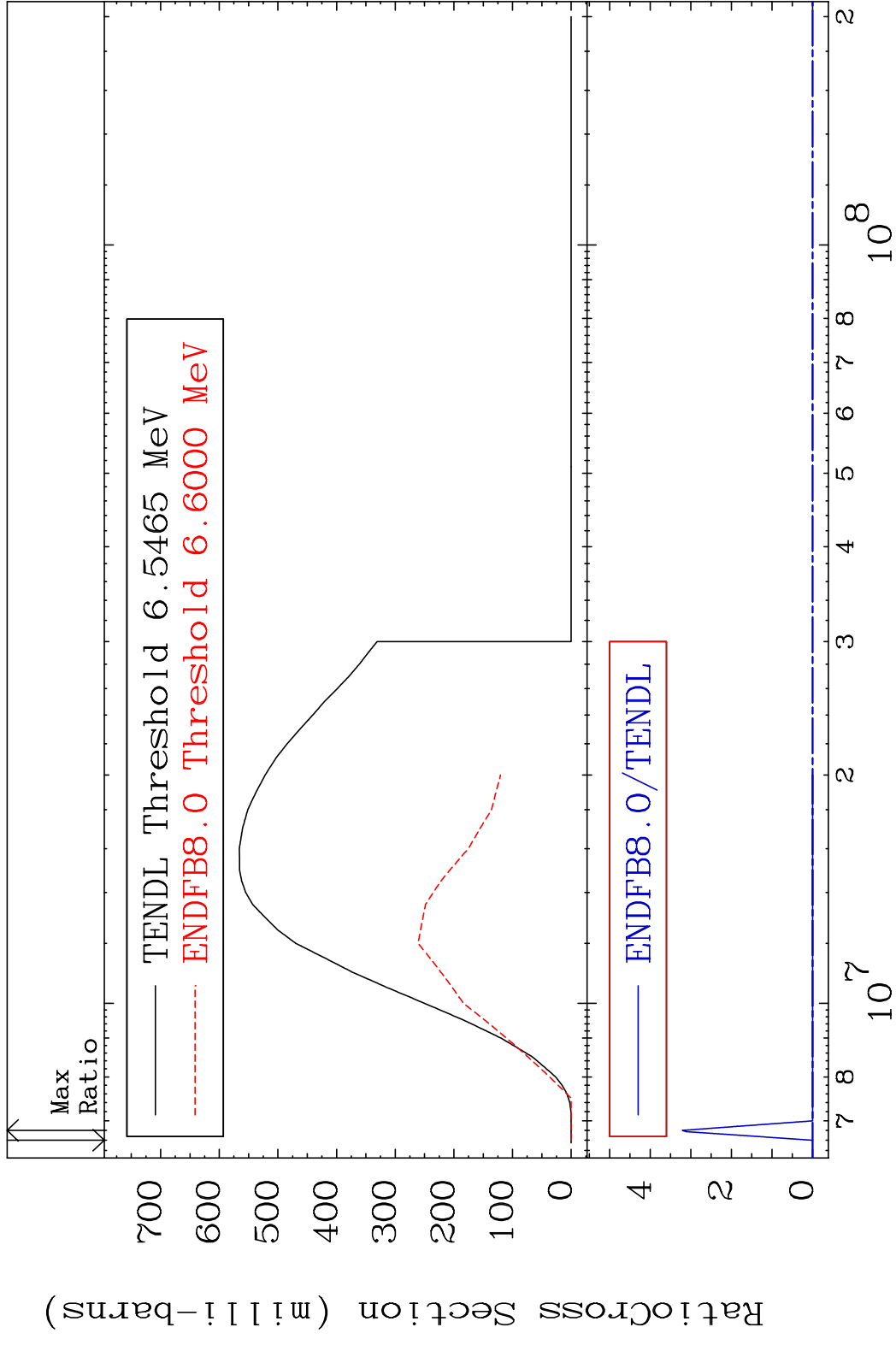


MAT 1925 (n, n') α 19-K -39
 Cross Section -100.0 To 9999. %



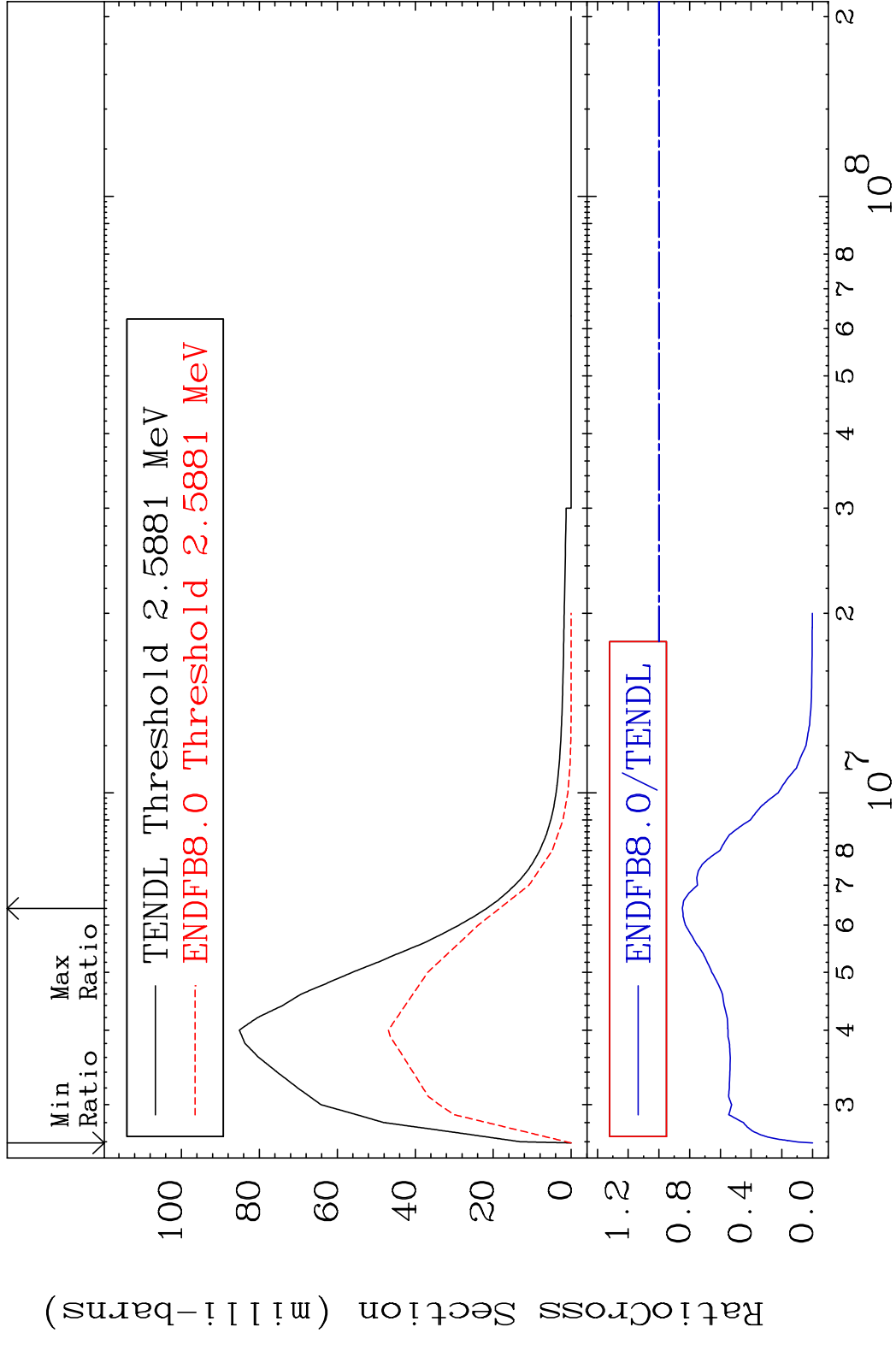
5 19-K -39

MAT 1925 (n, n') p 19-K -39
 Cross Section -100.0 To 9999. %



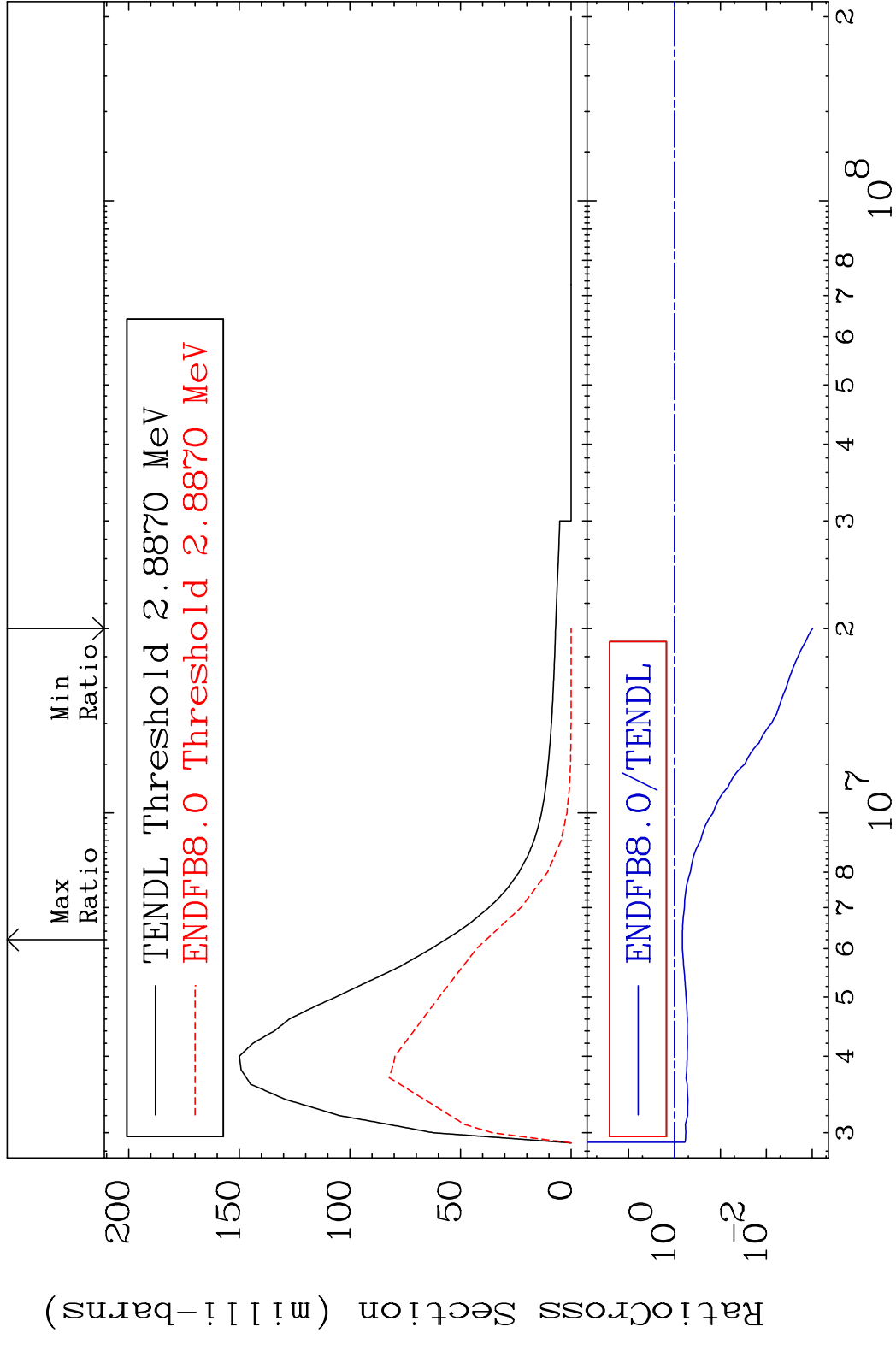
6 19-K -39

MAT 1925 MT= 51 (n,n') Level 19-K -39
 Cross Section -100.0 To -15.26%



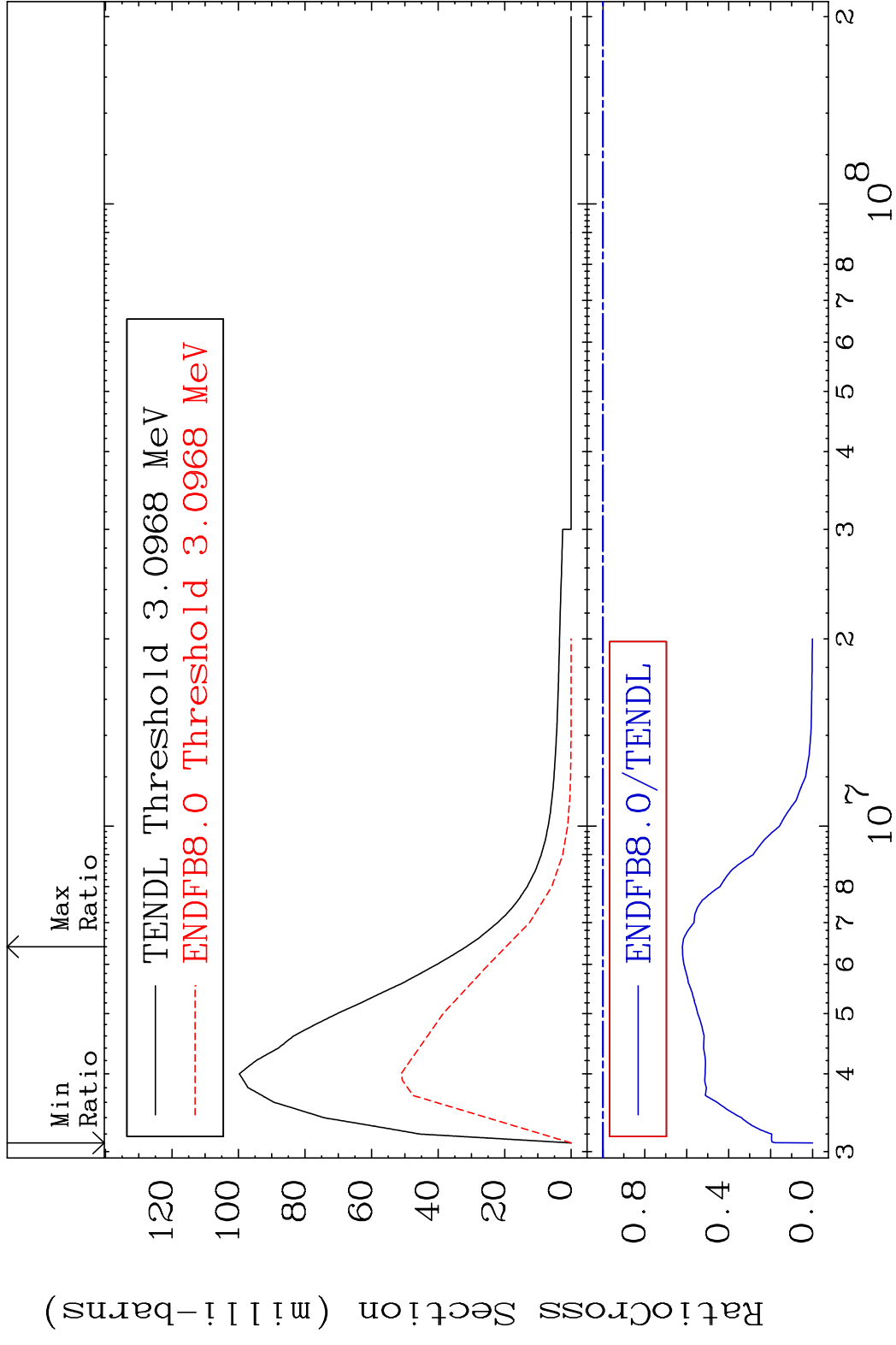
7 Incident Energy (eV) 19-K -39

MAT 1925 MT= 52 (n,n') Level 19-K -39
 Cross Section -99.90 To -32.32%

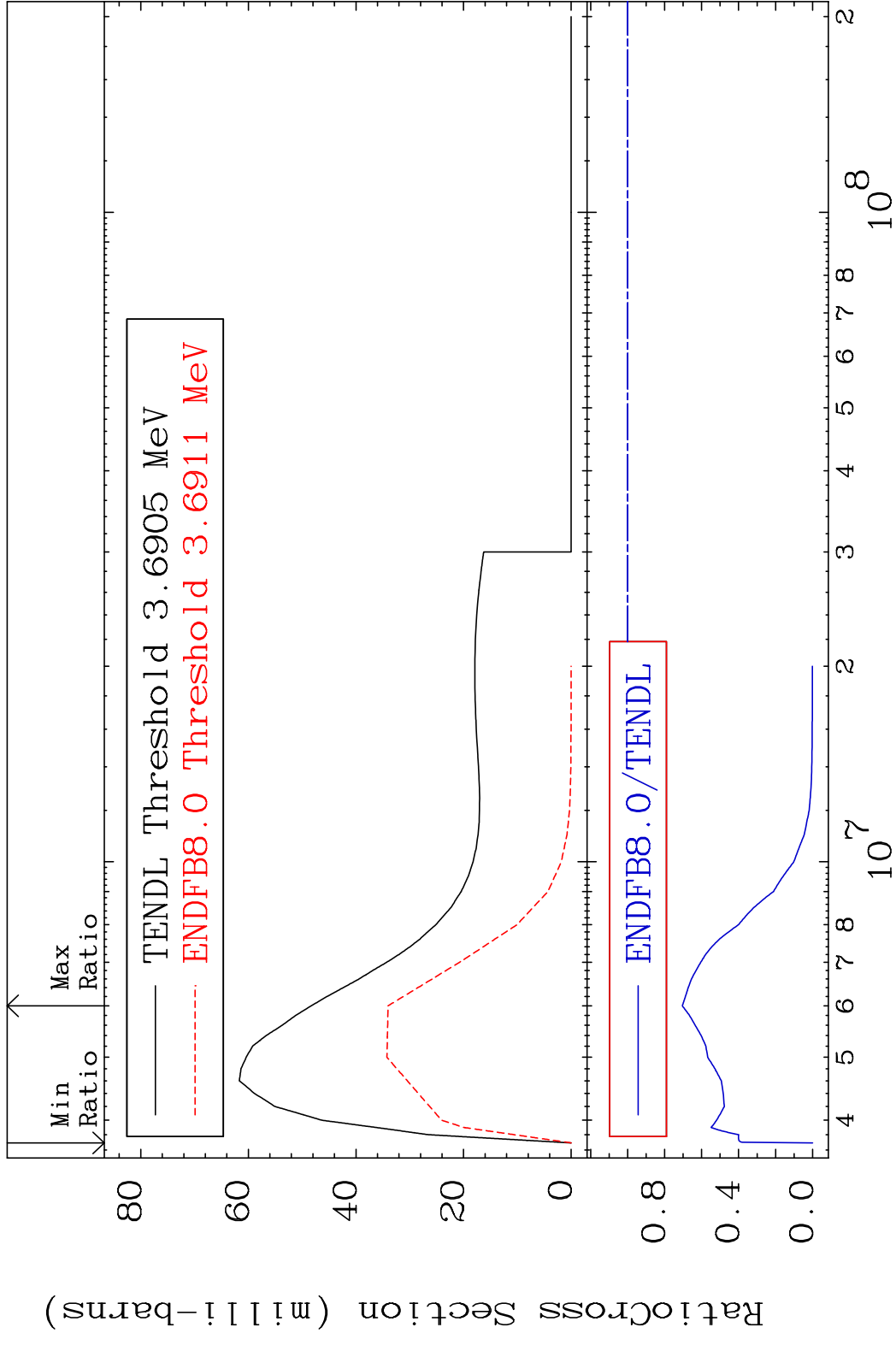


8 Incident Energy (eV) 19-K -39

MAT 1925 MT= 53 (n,n') Level 19-K -39
 Cross Section -100.0 To -37.89%



MAT 1925 MT= 54 (n,n') Level 19-K -39
 Cross Section -100.0 To -29.58%



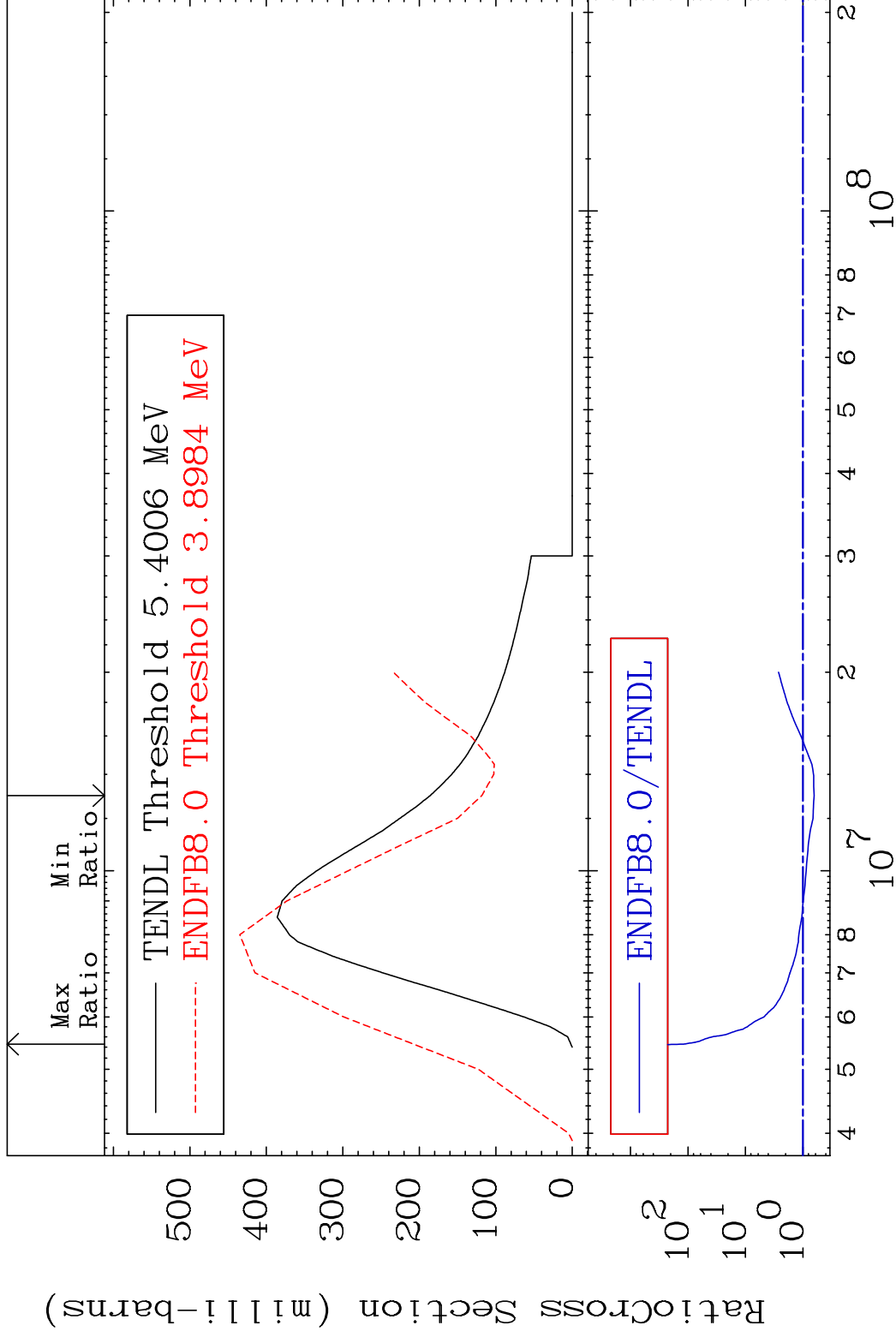
10 19-K -39

MAT 1925

(n,n') Continuum

19-K -39

Cross Section -36.30 To 9999. %



11

Incident Energy (eV)

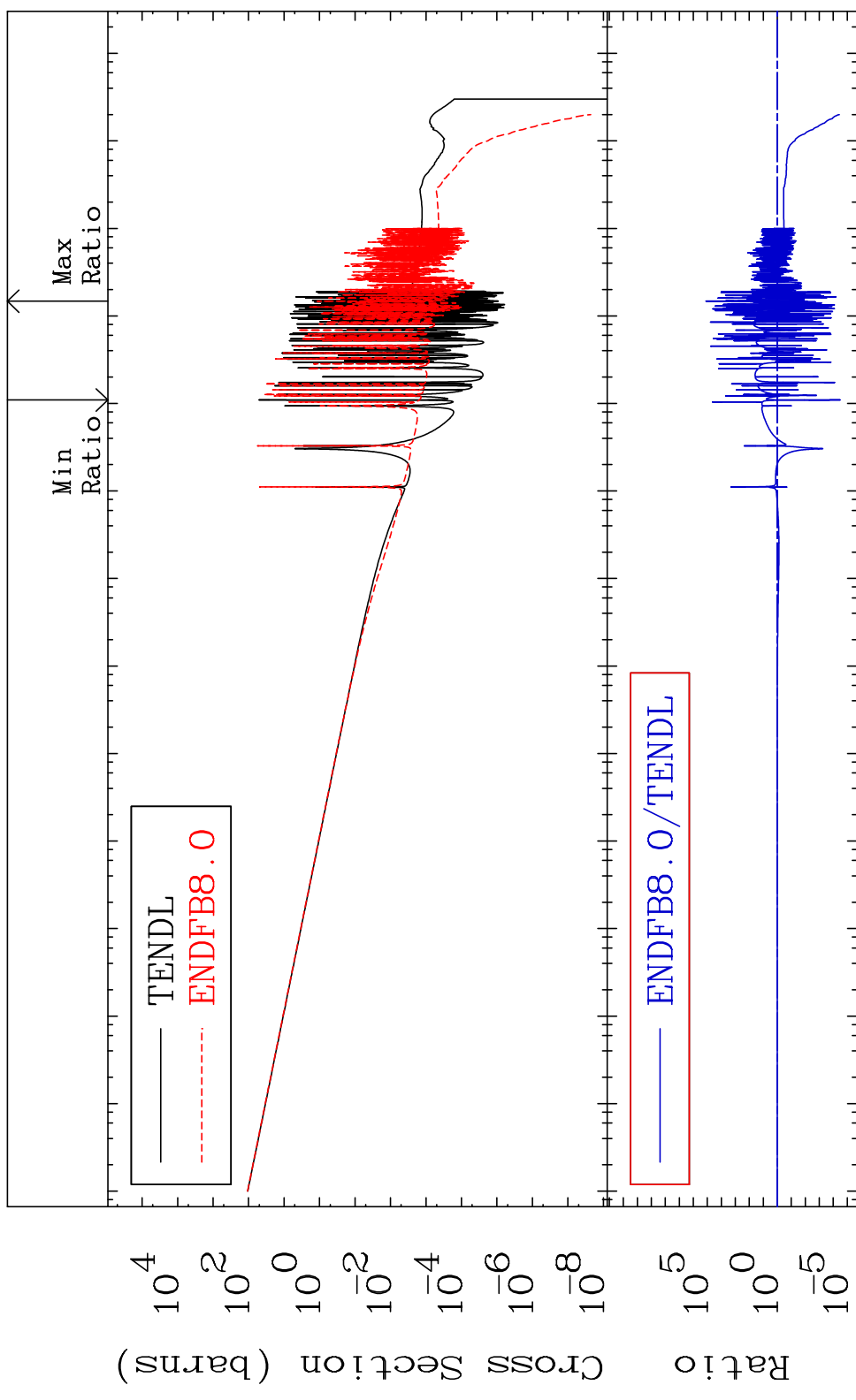
19-K -39

MAT 1925

(n, γ)

19-K -39

Cross Section -100.0 To 9999. %



12

Incident Energy (eV)

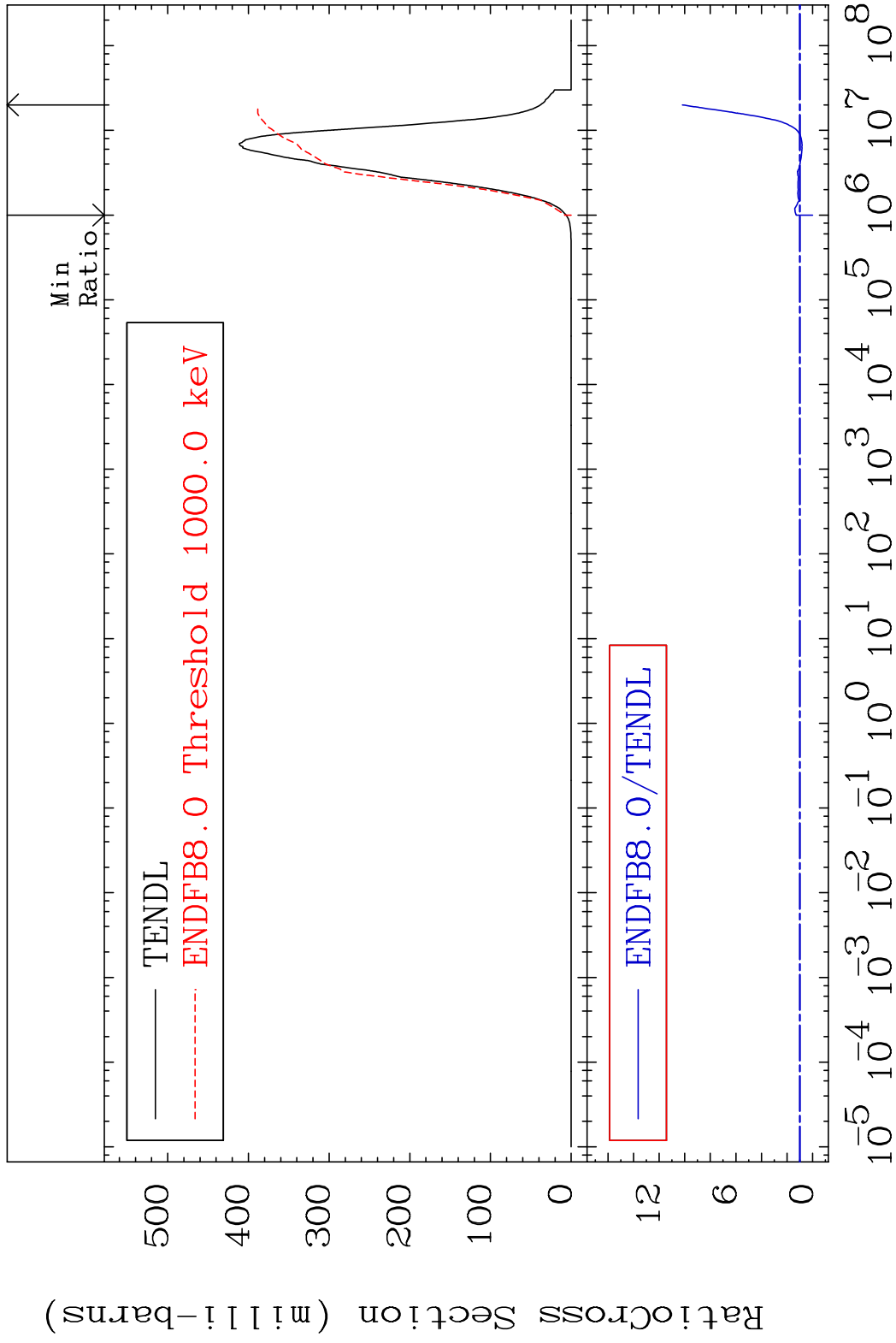
19-K -39

MAT 1925

(n,p)

19-K -39

Cross Section -100.0 To 918.7 %



13

Incident Energy (eV)

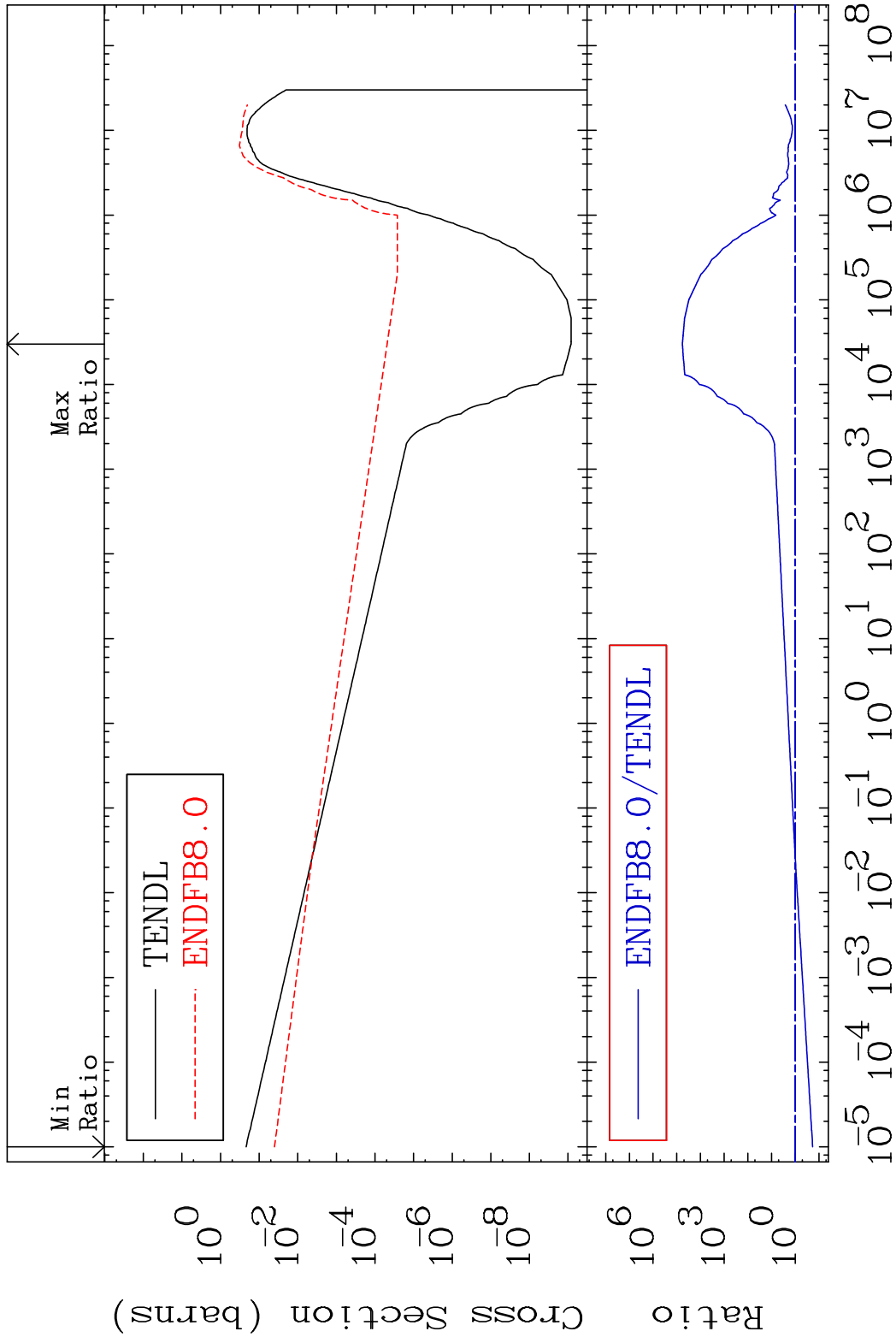
19-K -39

MAT 1925

(n, α)

19-K -39

Cross Section -81.51 To 9999. %



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Incident Energy (eV)

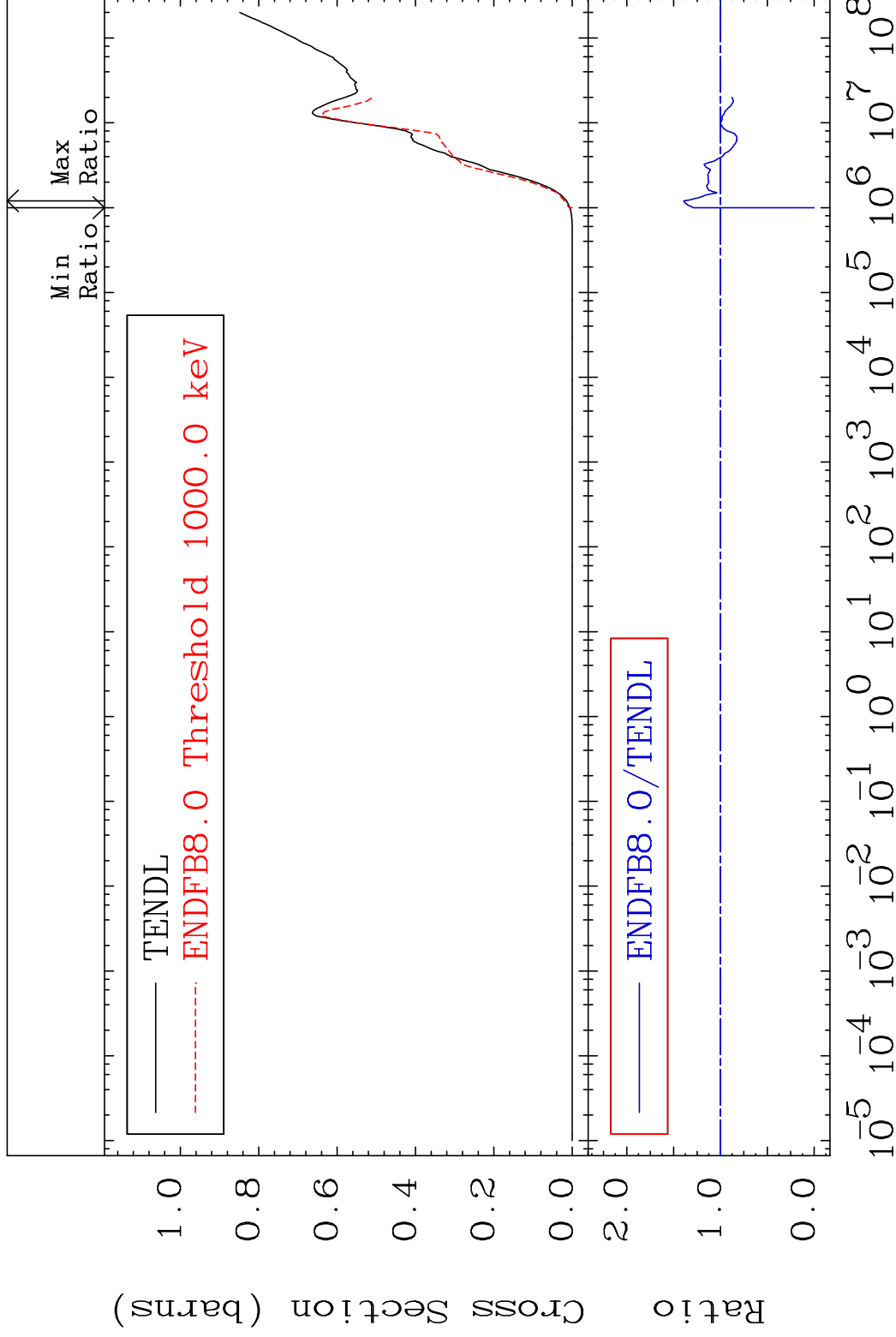
19-K -39

MAT 1925

Hydrogen Production

19-K -39

Cross Section -100.0 To 39.33 %



15

Incident Energy (eV)

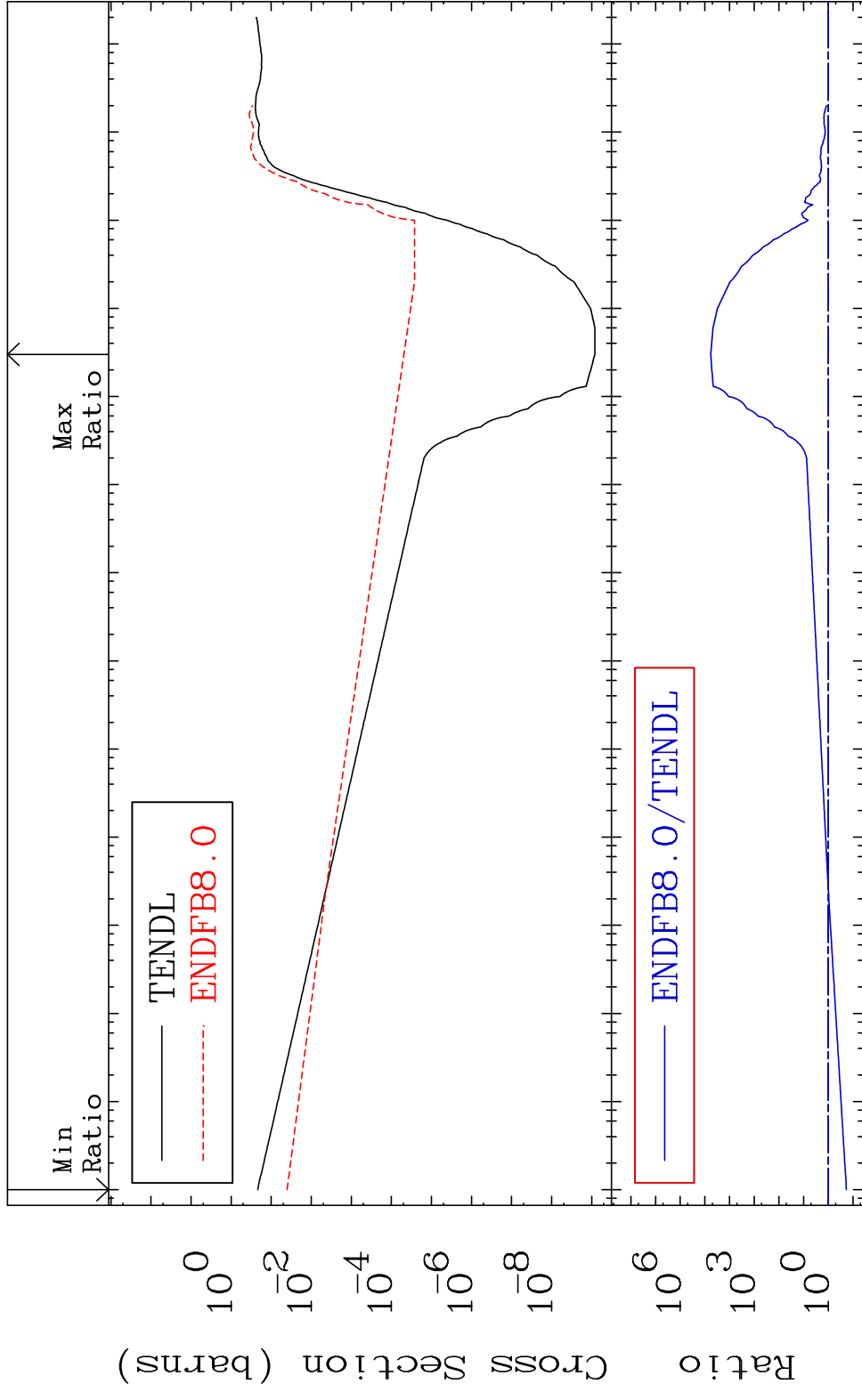
19-K -39

MAT 1925

He-4 Production

19-K -39

Cross Section -81.51 To 9999. %



Cross Section (barns)

Ratio

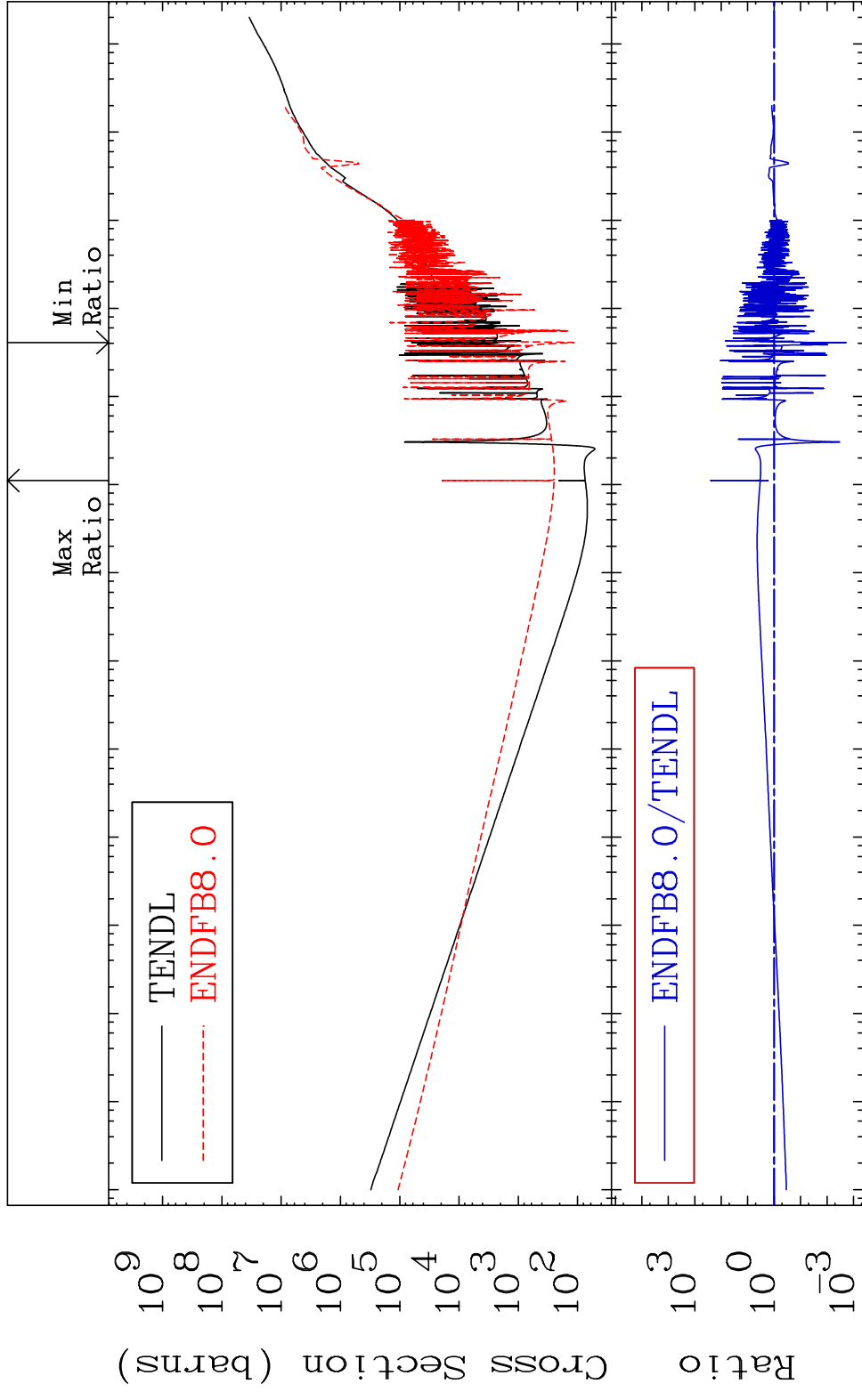
10⁰
10⁻²
10⁻⁴
10⁻⁶
10⁻⁸
10⁶
10³
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

16

Incident Energy (eV)

19-K -39

MAT 1925 Kerma total (eV-barns) 19-K -39
 Cross Section -99.81 To 9999. %

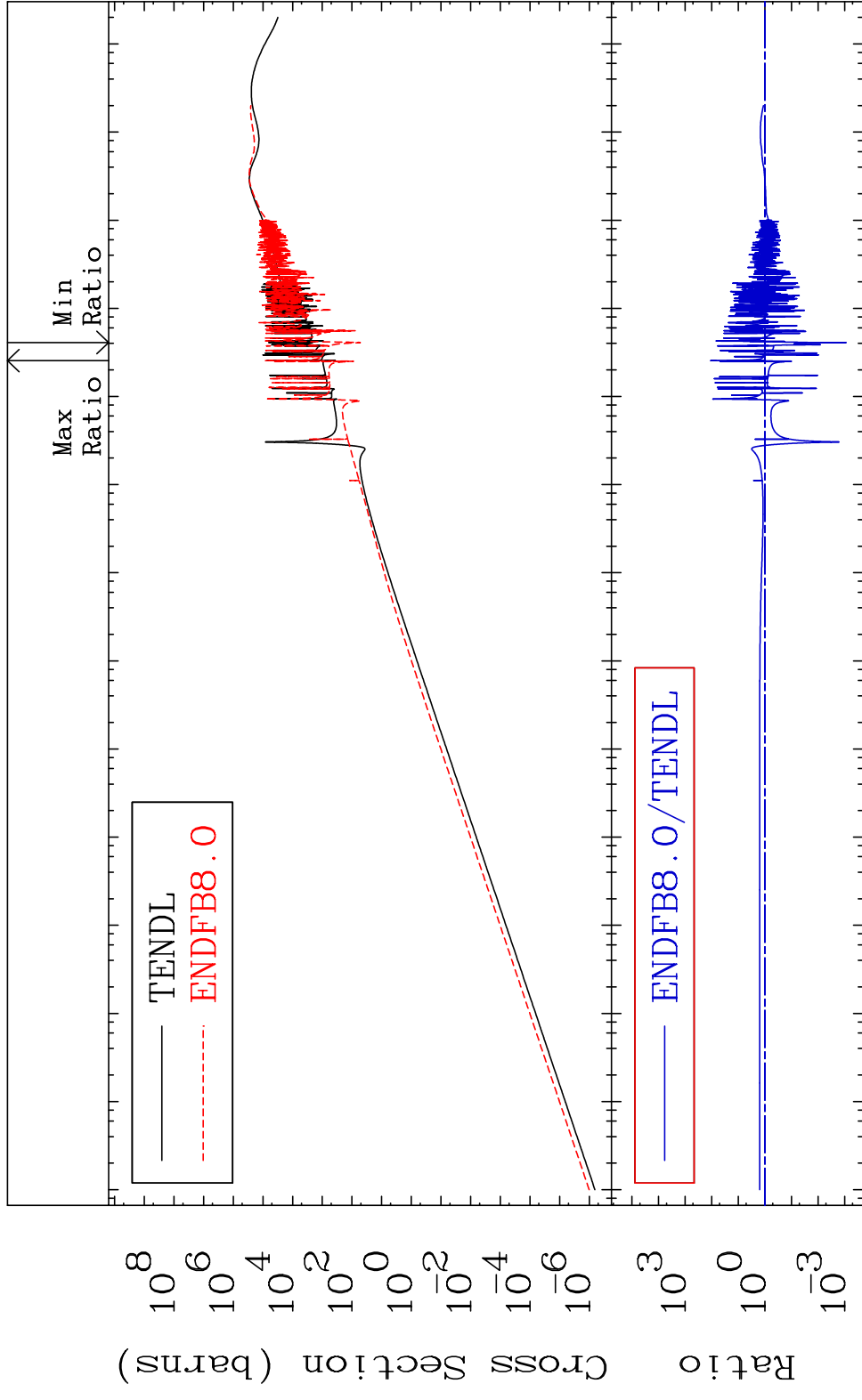


17 Incident Energy (eV) 19-K -39

MAT 1925

Kerma elastic
Cross Section

19-K -39
-99.91 To 9999. %

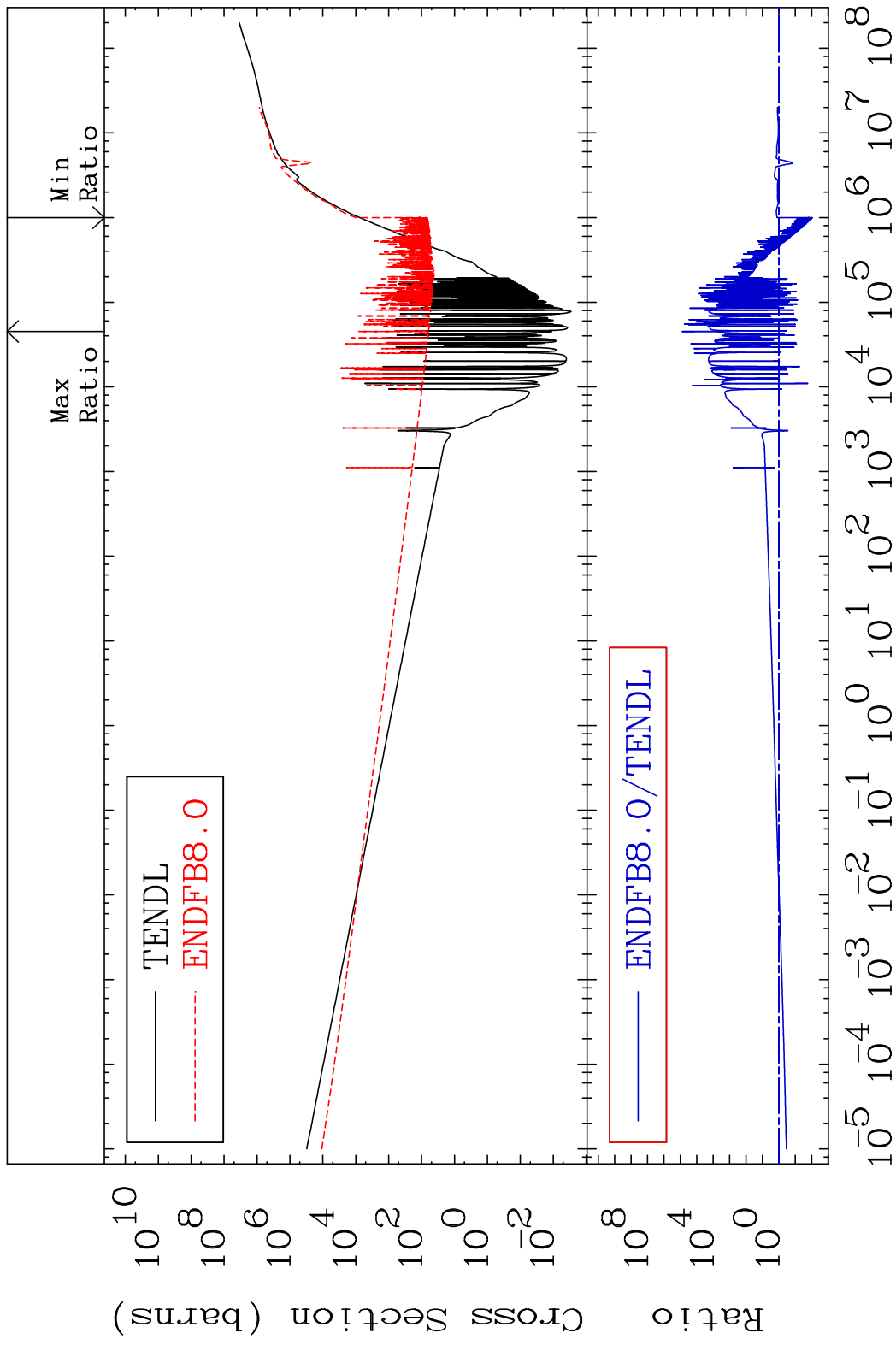


18

Incident Energy (eV)

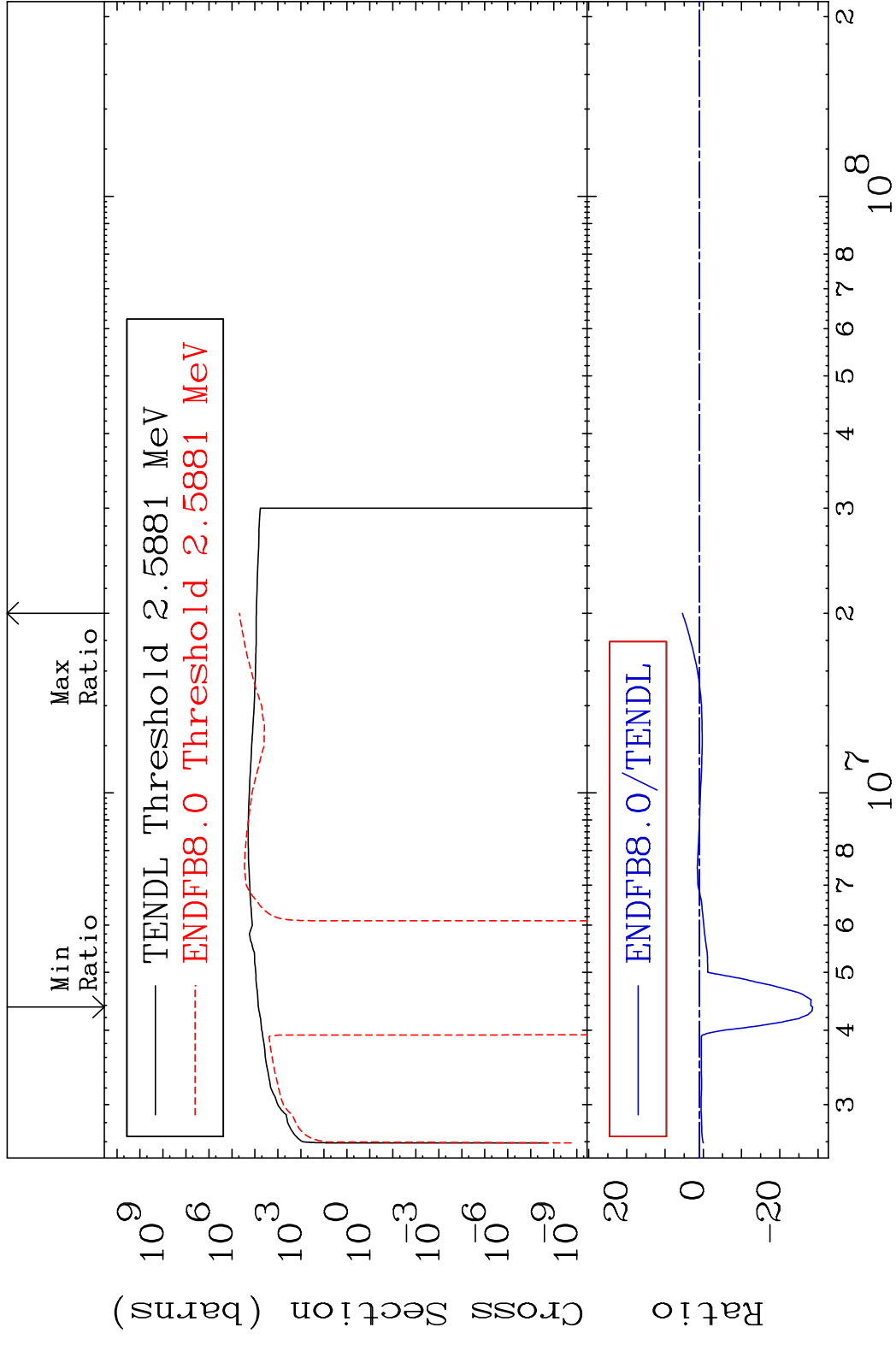
19-K -39

MAT 1925 Kerma non-elastic (all but mt2) 19-K -39
 Cross Section -99.12 To 9999. %



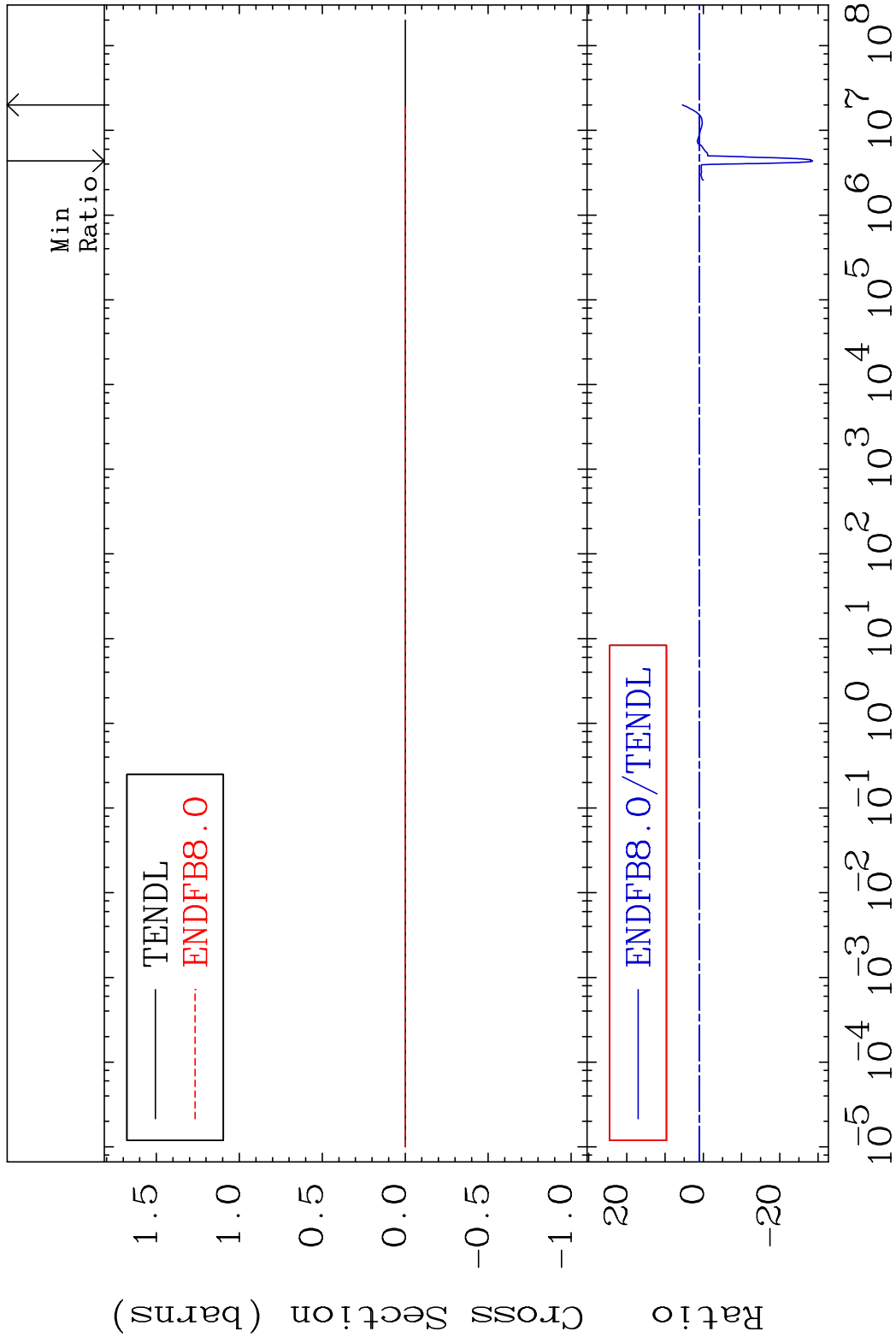
19 Incident Energy (eV) 19-K -39

MAT 1925 Kerma inelastic (mt51-91) 19-K -39
 Cross Section -2958. To 448.2 %



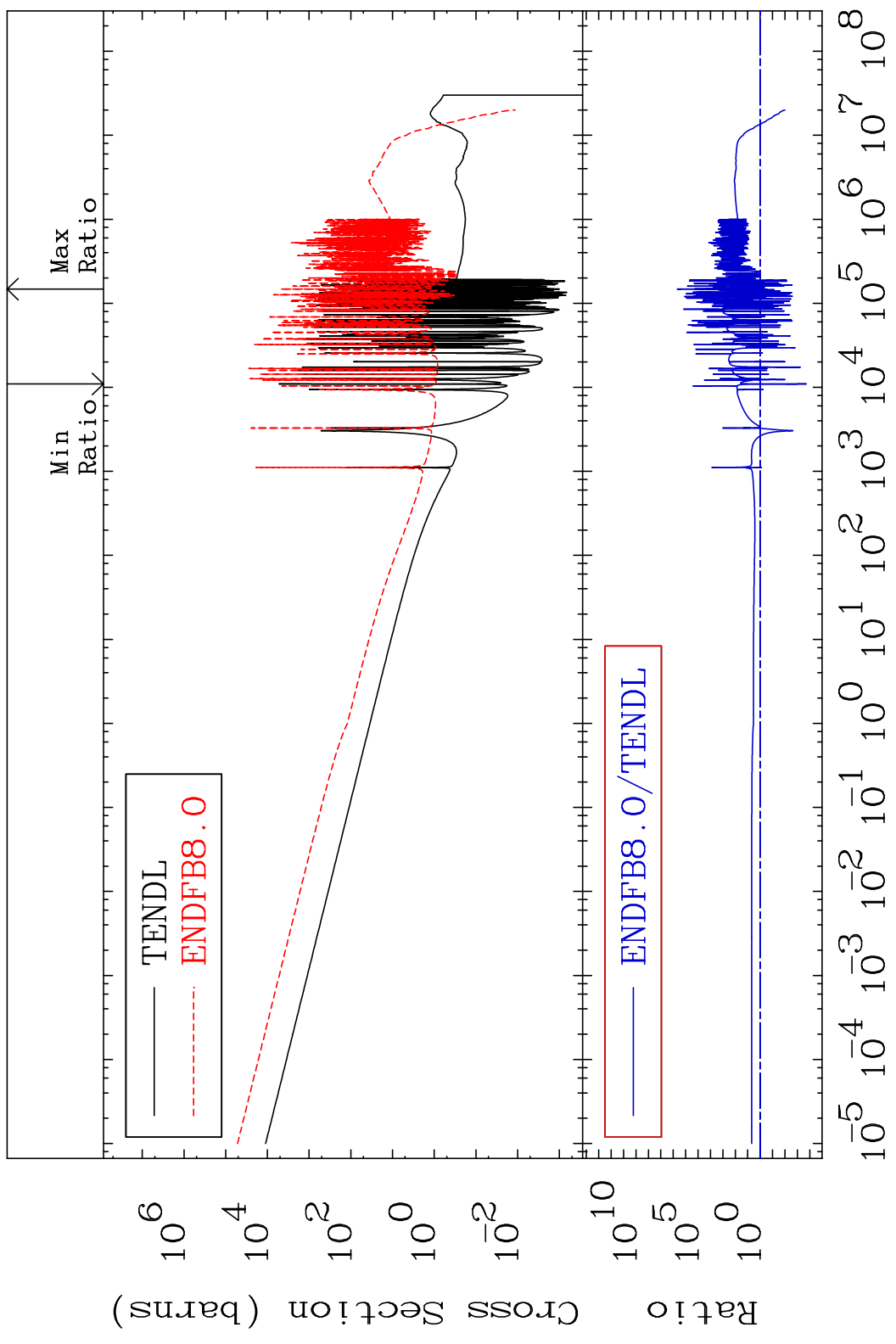
20 Incident Energy (eV) 19-K -39

MAT 1925 Kerma fission (mt18 or mt19-20-21-38) 19-K -39
 Cross Section -2958. To 448.2 %



MAT 1925

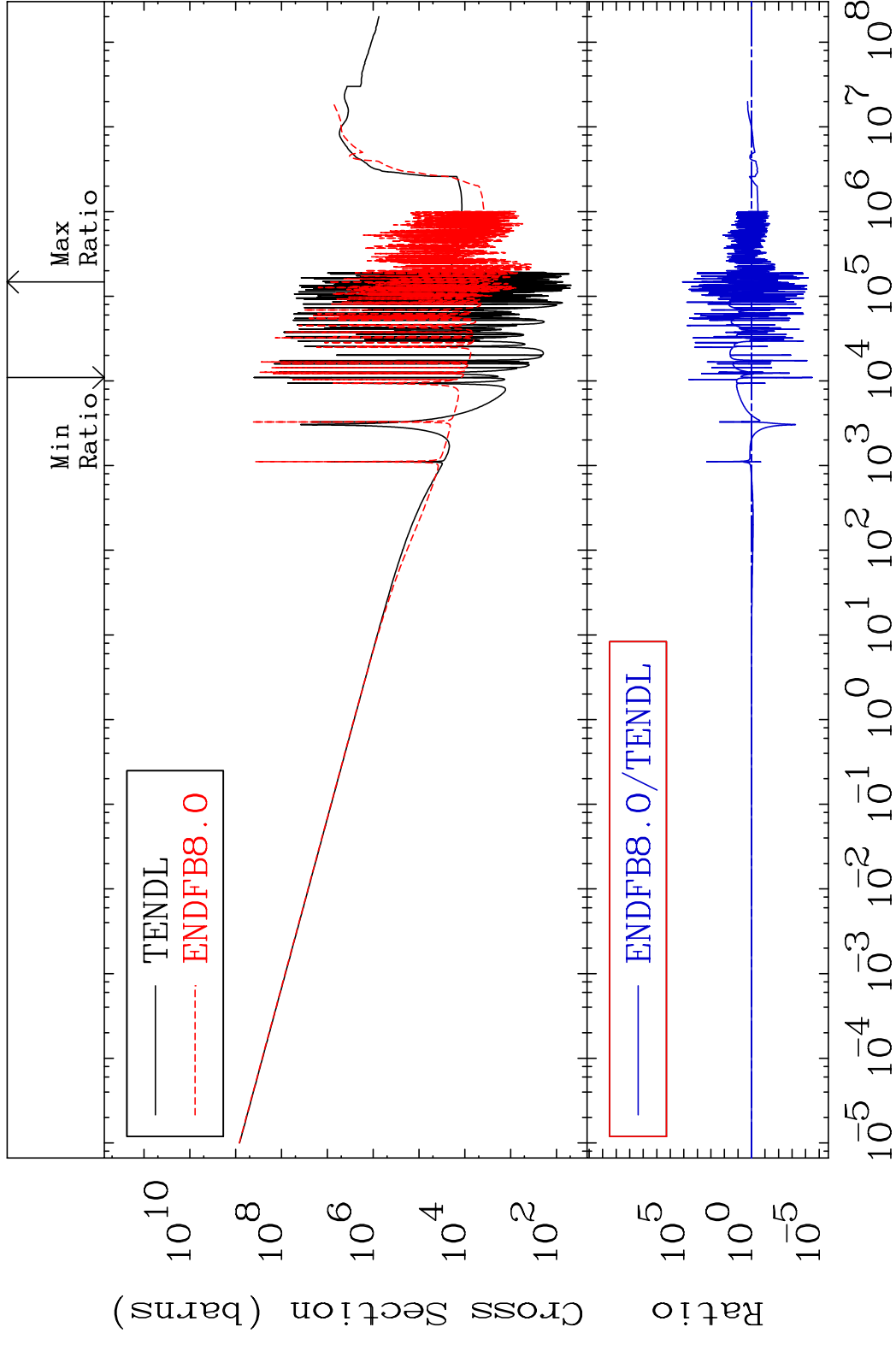
Kerma capture (mt102) 19-K -39
Cross Section -99.98 To 9999. %



22

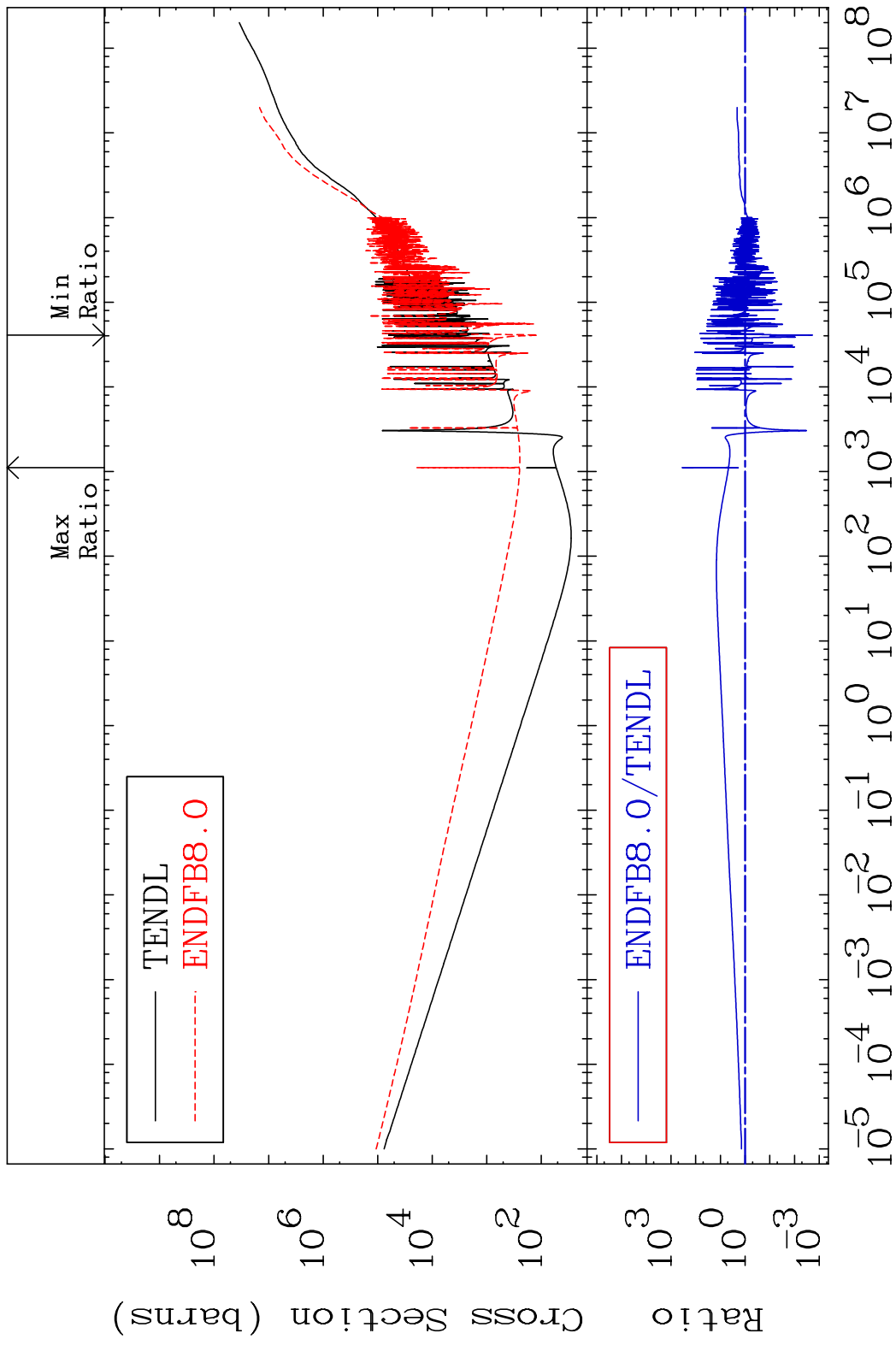
Incident Energy (eV) 19-K -39

MAT 1925 Total photon (eV-barns) 19-K -39
 Cross Section -100.0 To 9999. %

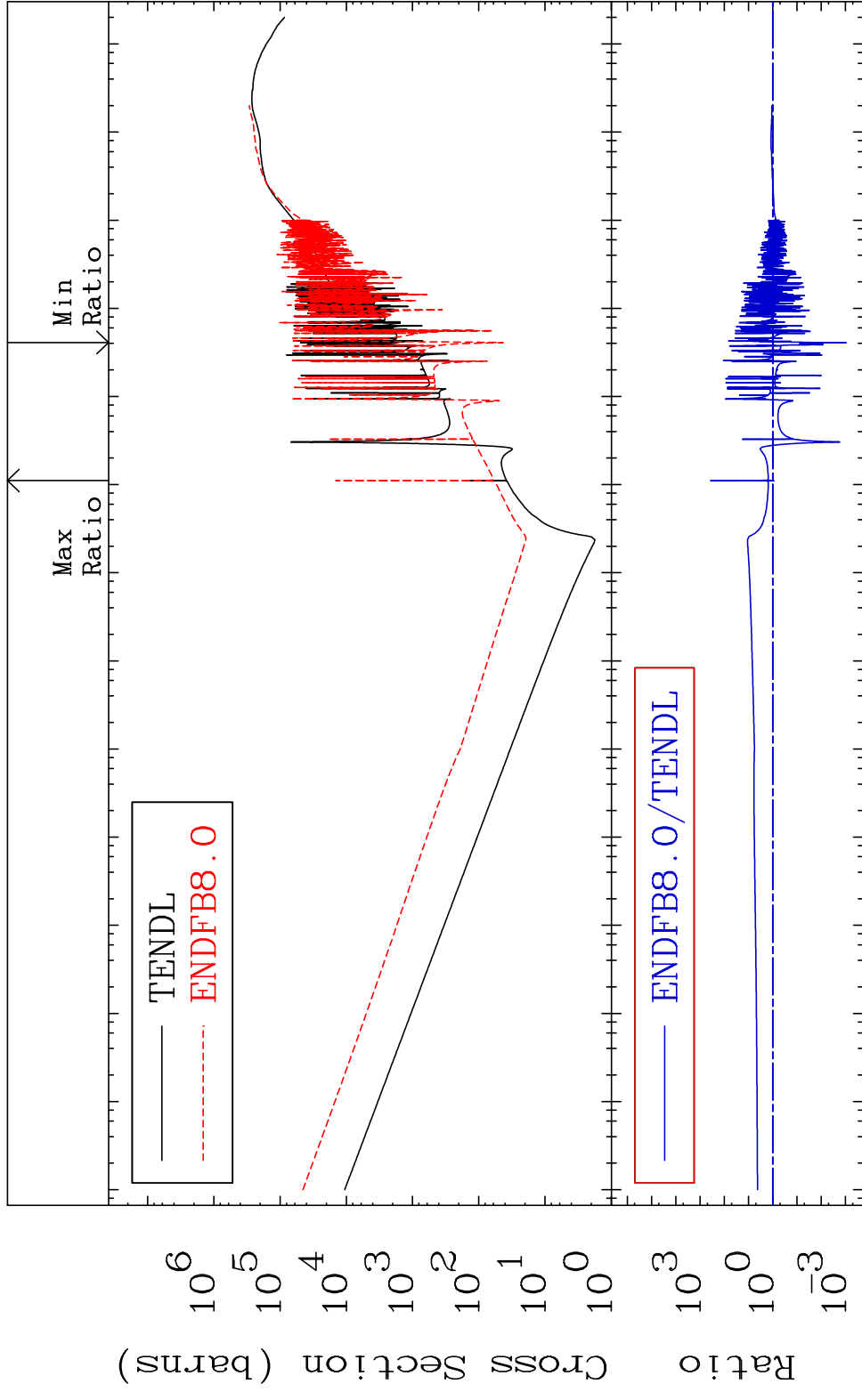


23 Incident Energy (eV) 19-K -39

MAT 1925 Total kinematic kerma (high limit) 19-K -39
 Cross Section -99.81 To 9999. %



MAT 1925 Dpa total (eV-barns) 19-K -39
 Cross Section -99.91 To 9999. %

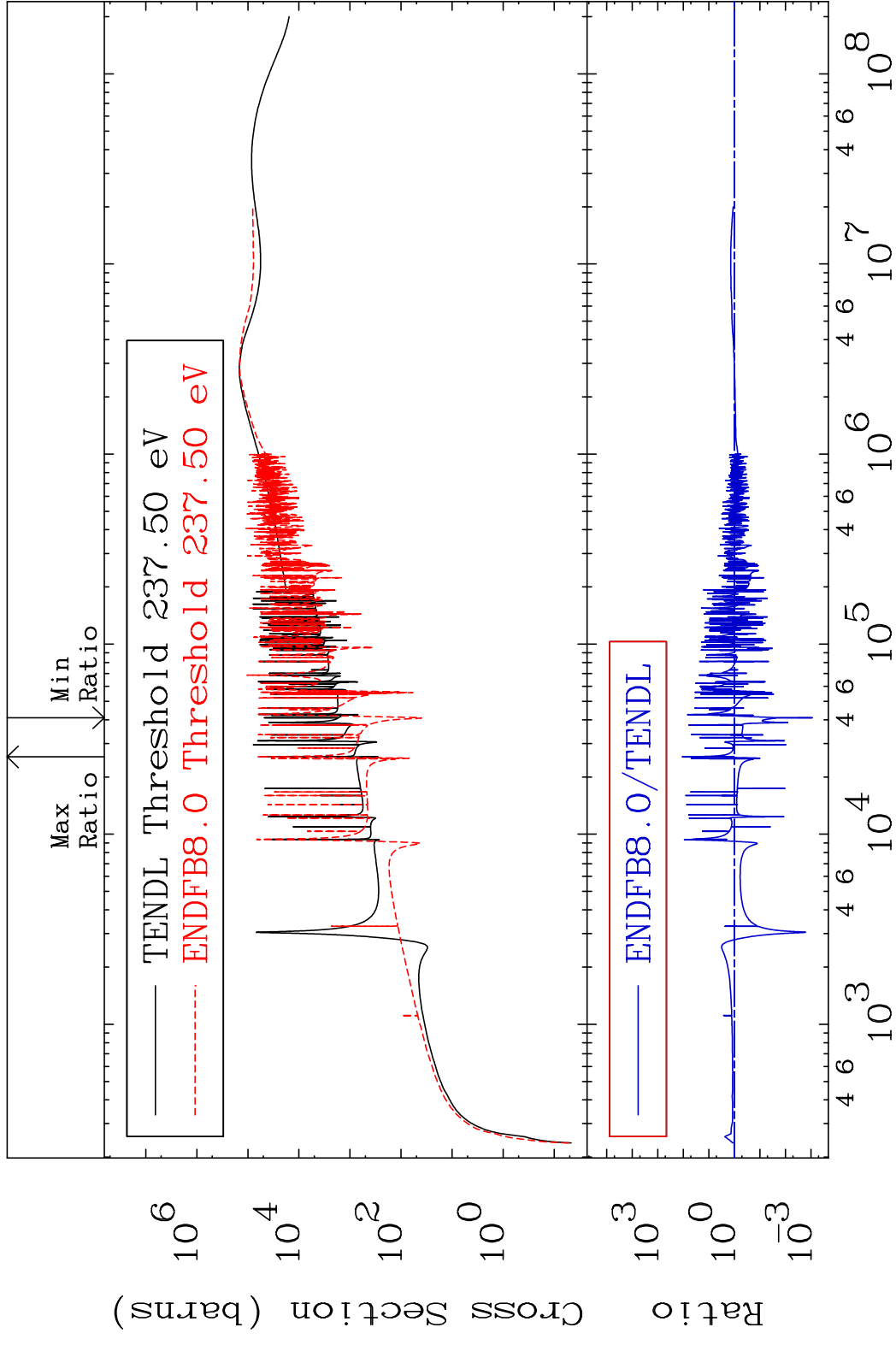


MAT 1925

Dpa elastic (mt2)

19-K -39

Cross Section -99.91 To 9999. %

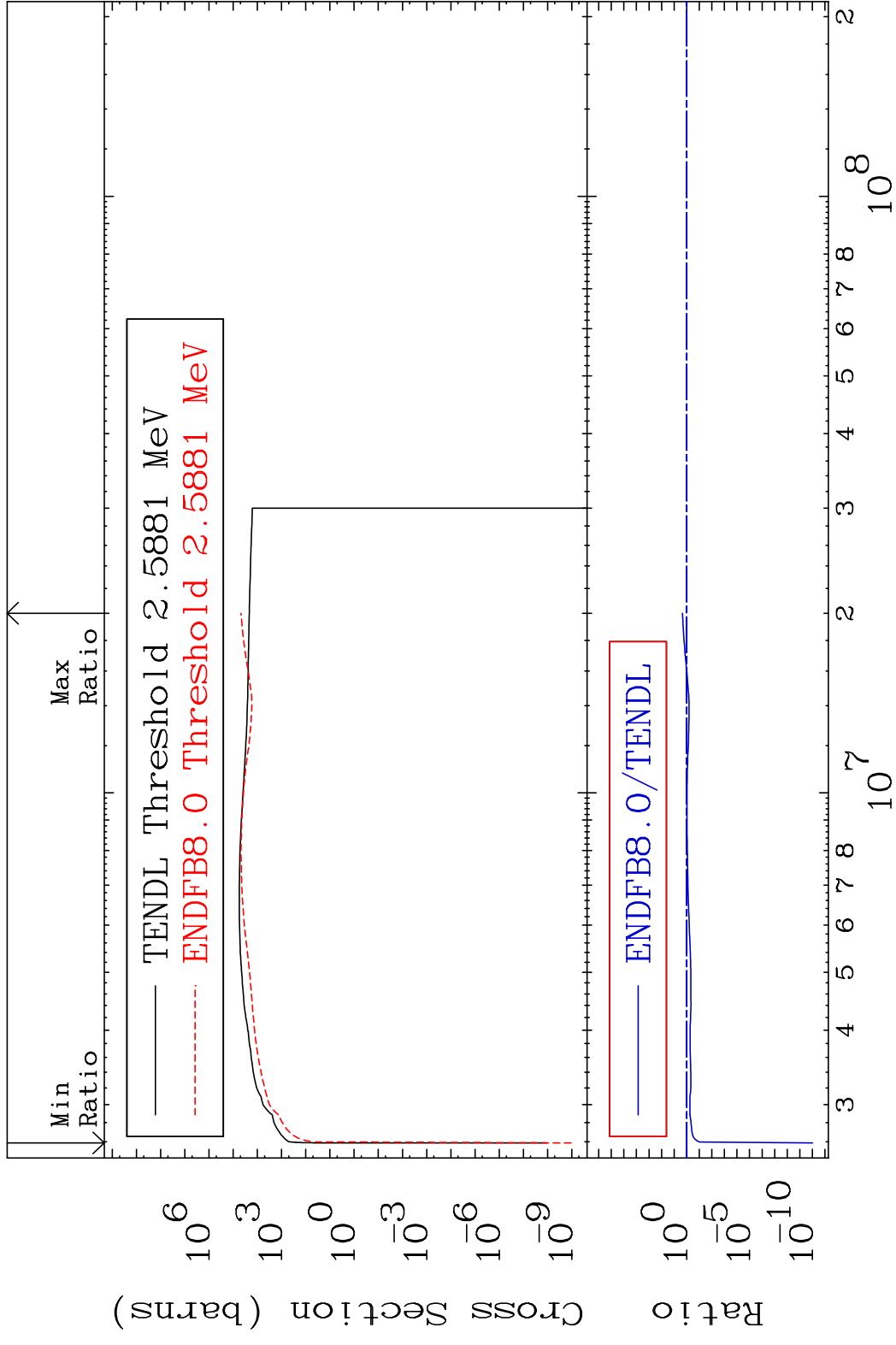


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Incident Energy (eV)

19-K -39

MAT 1925 Dpa inelastic (mt51-91) 19-K -39
 Cross Section -100.0 To 121.8 %



MAT 1925 Dpa disappearance (mt102 -120) 19-K -39
 Cross Section -99.88 To 9999. %

