

Program Complot
(Version 2021-1)

by

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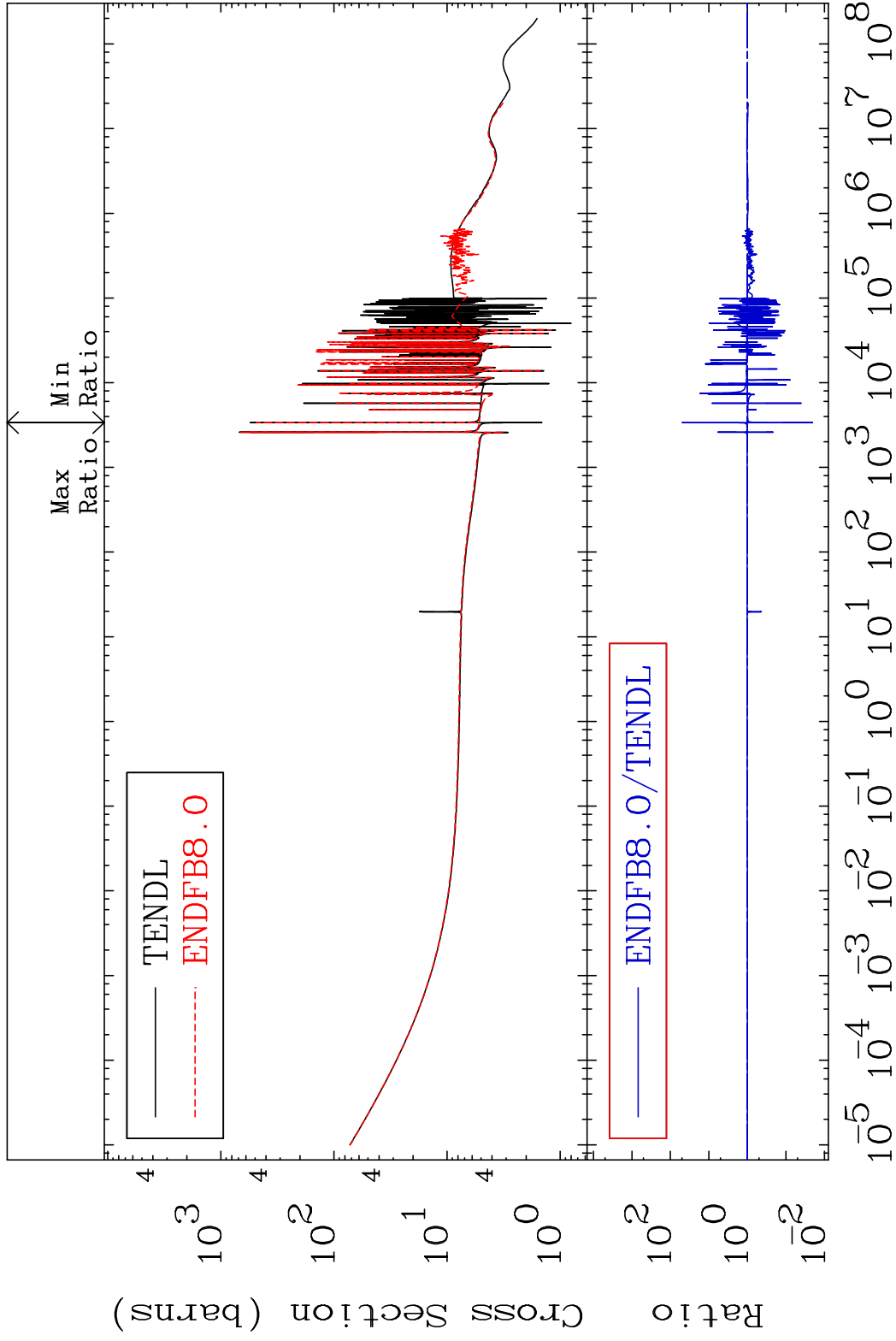
Press Mouse Button to Start

MAT 3925

Total

39-Y -89

Cross Section -97.97 To 4792. %



1

Incident Energy (eV)

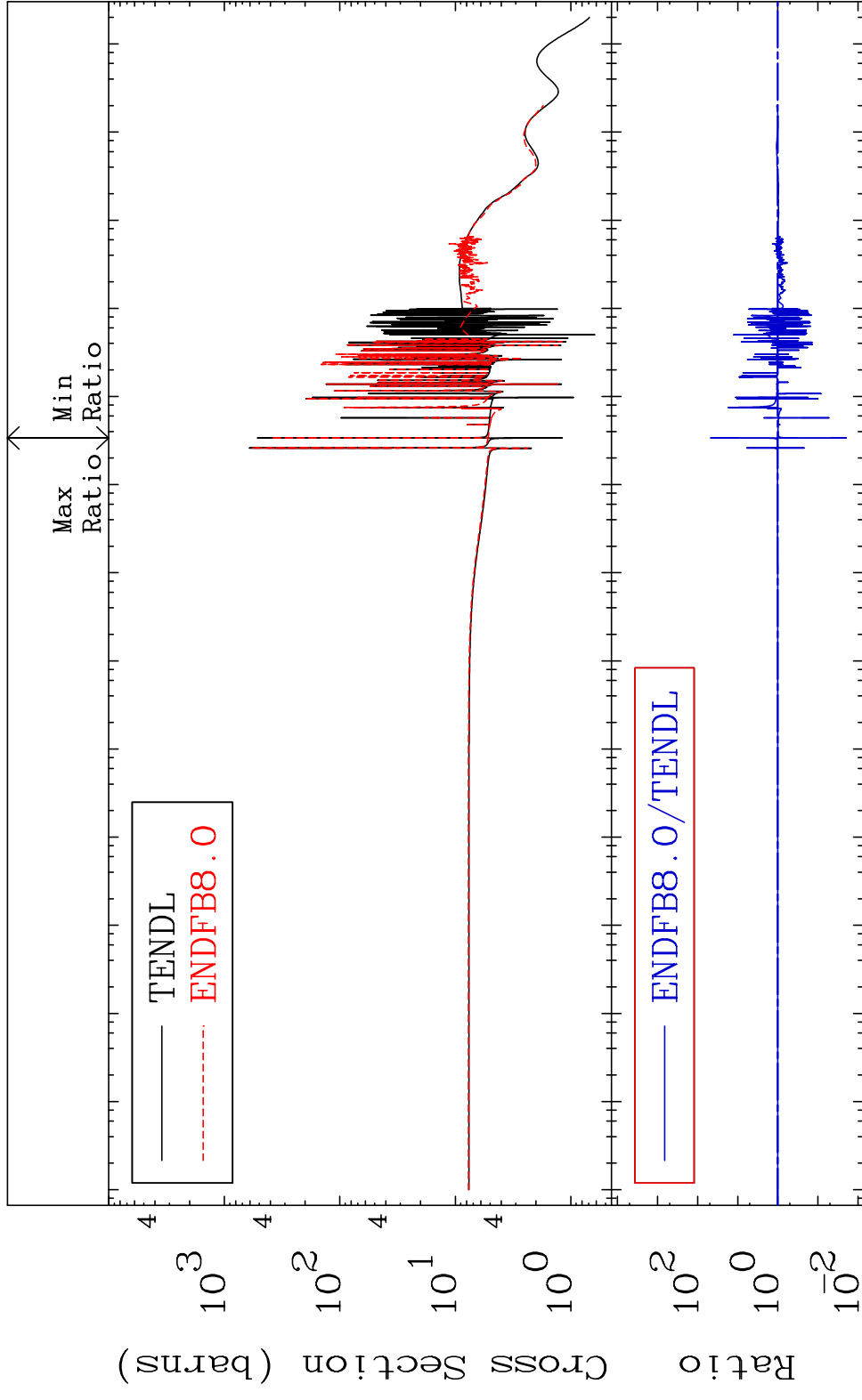
39-Y -89

MAT 3925

39-Y -89

Elastic

Cross Section -98.04 To 4620. %

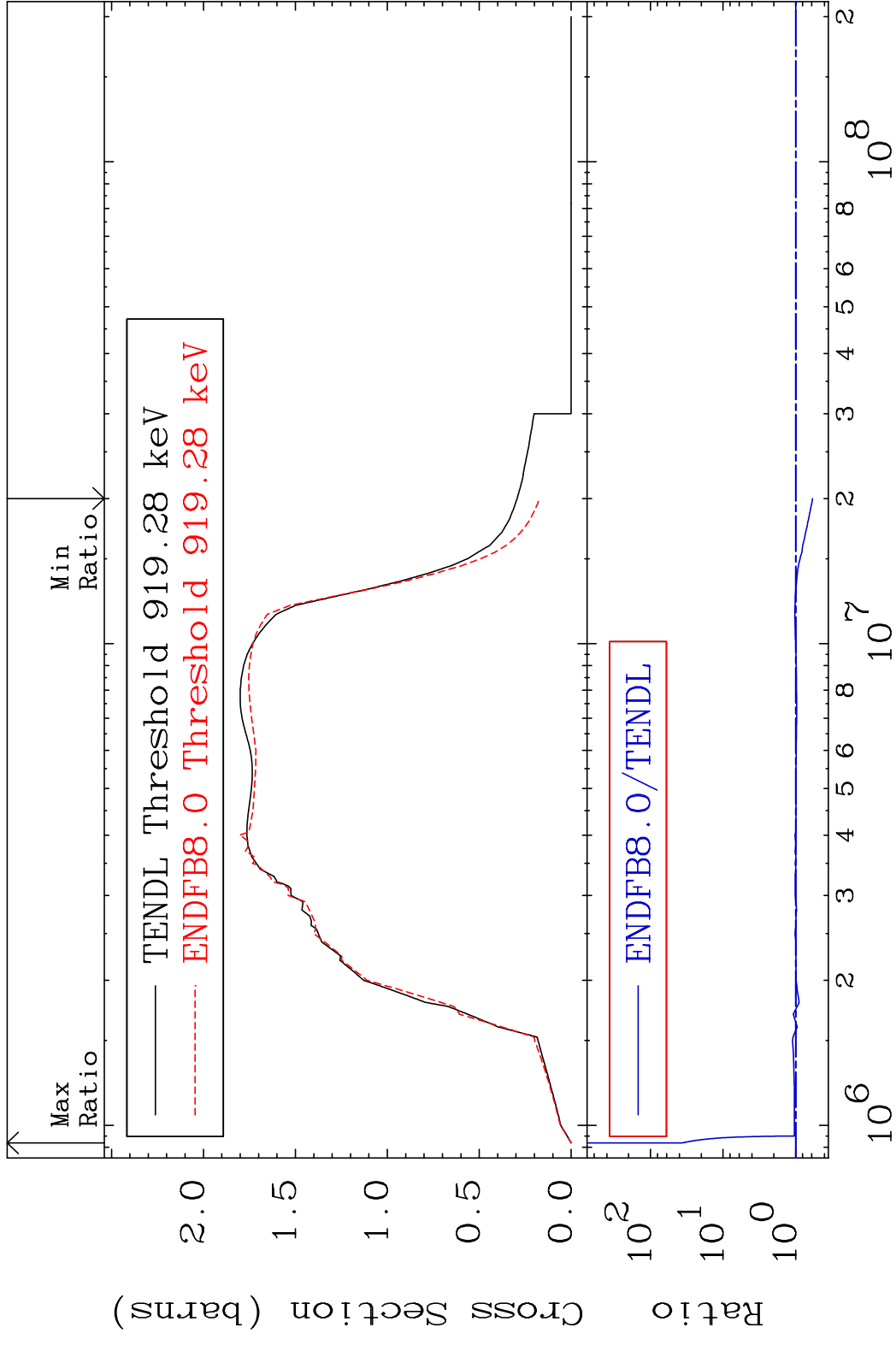


2

Incident Energy (eV)

39-Y -89

MAT 3925 Inelastic Cross Section -41.52 To 3540. % 39-Y -89



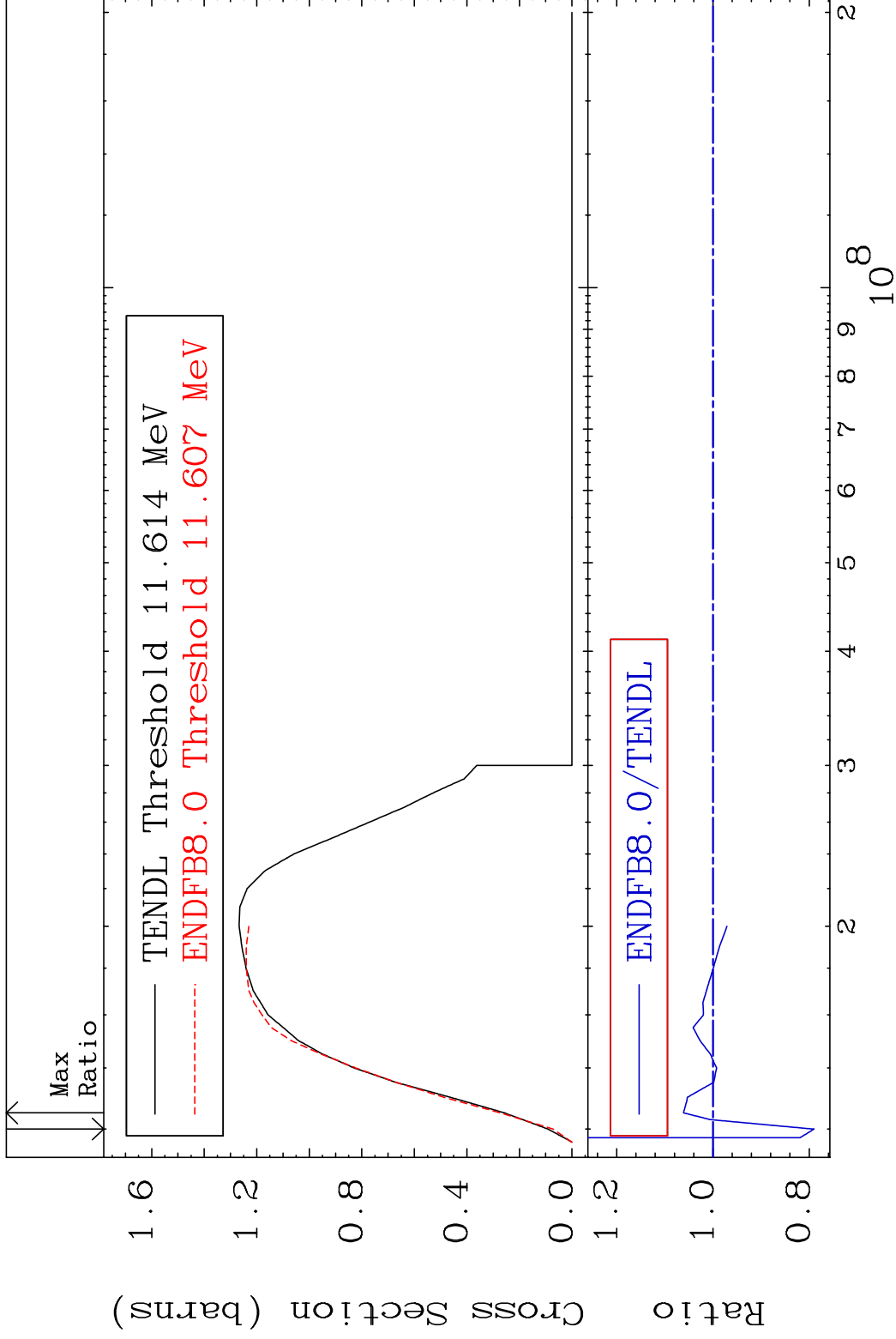
3 Incident Energy (eV) 39-Y -89

MAT 3925

(n,2n)

39-Y -89

Cross Section -21.01 To 6.136 %

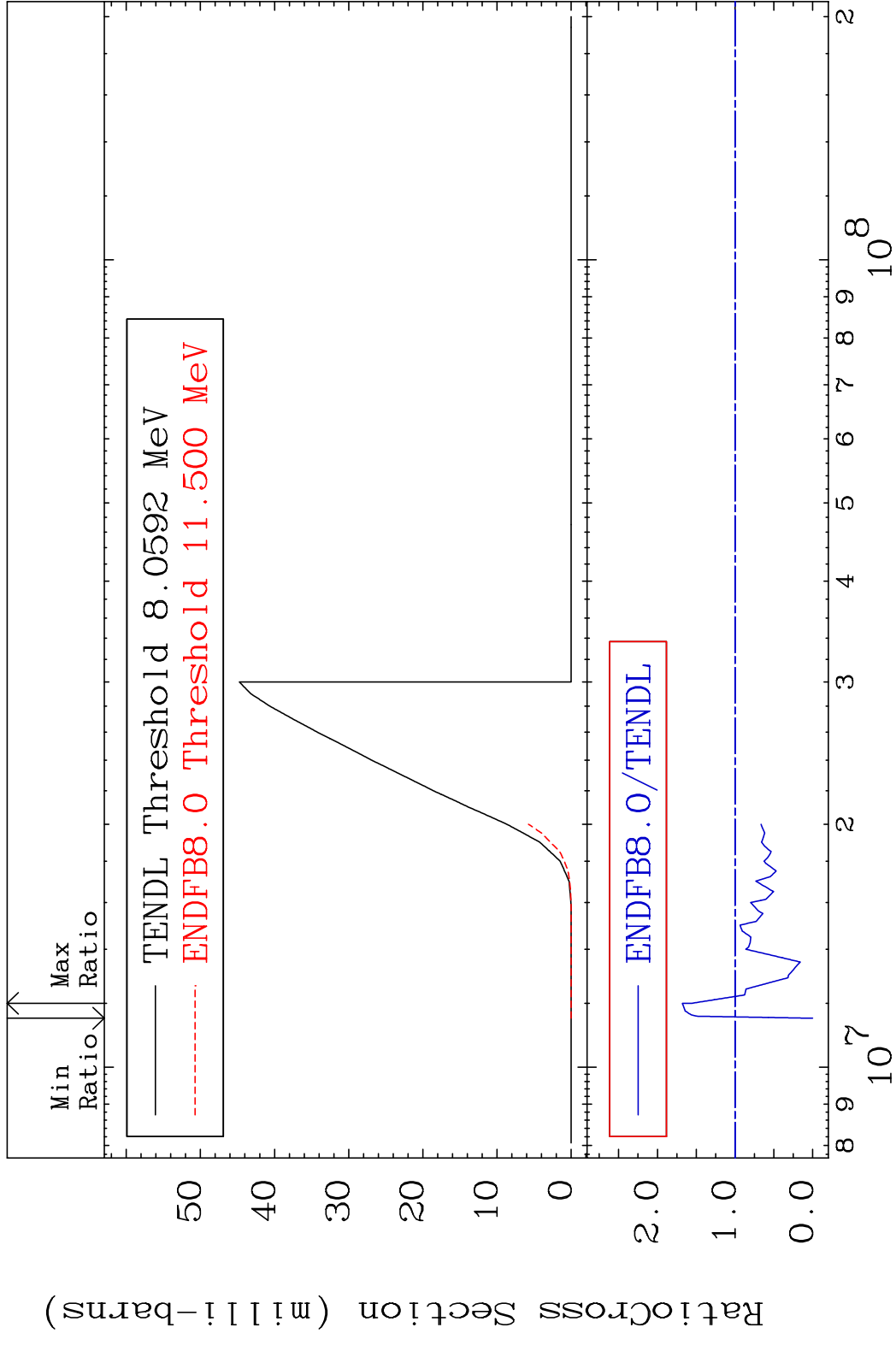


4

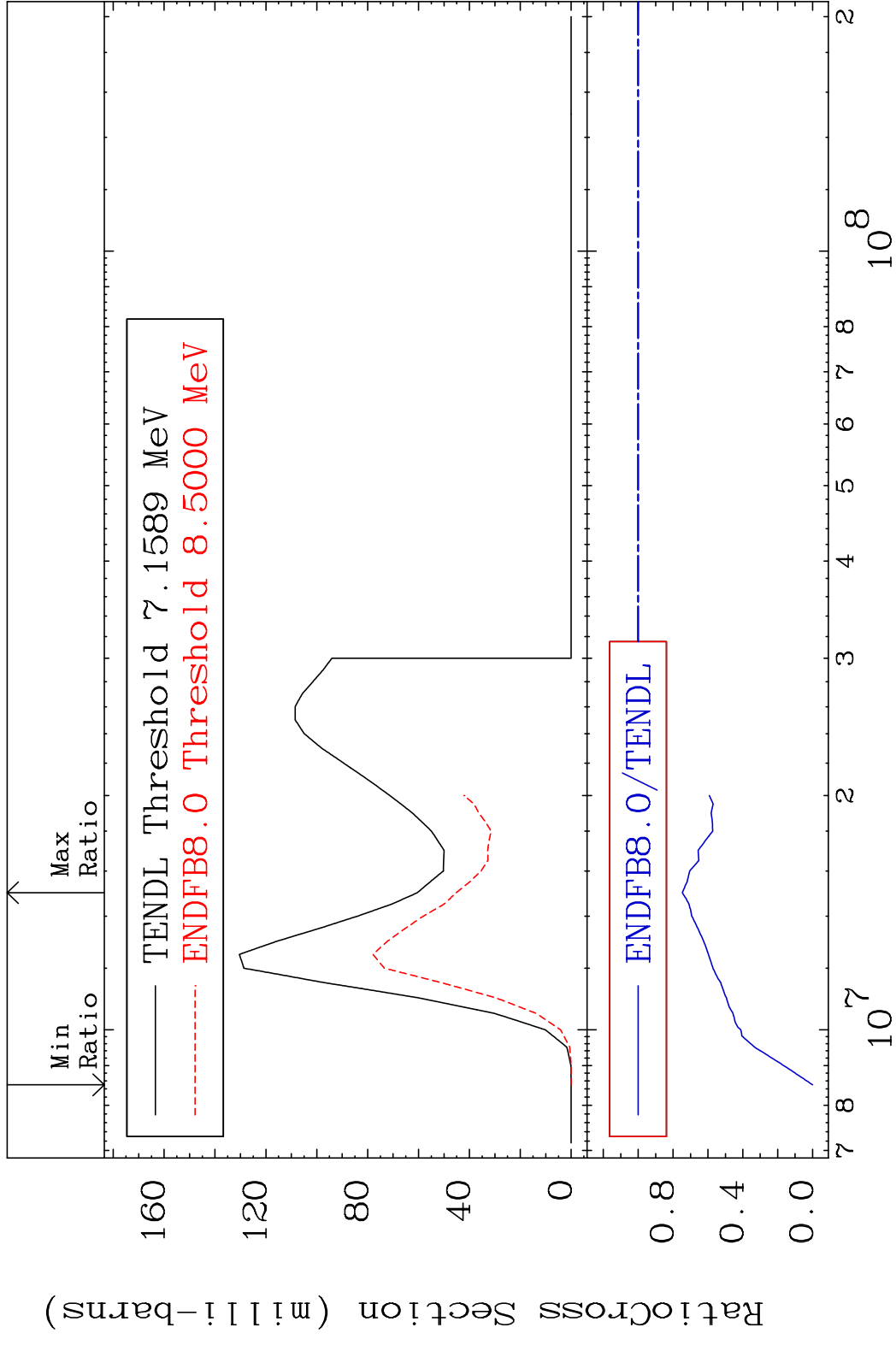
Incident Energy (eV)

39-Y -89

MAT 3925 (n, n') α 39-Y -89
 Cross Section -100.0 To 67.85 %



MAT 3925 (n, n') p 39-Y -89
 Cross Section -100.0 To -25.31%



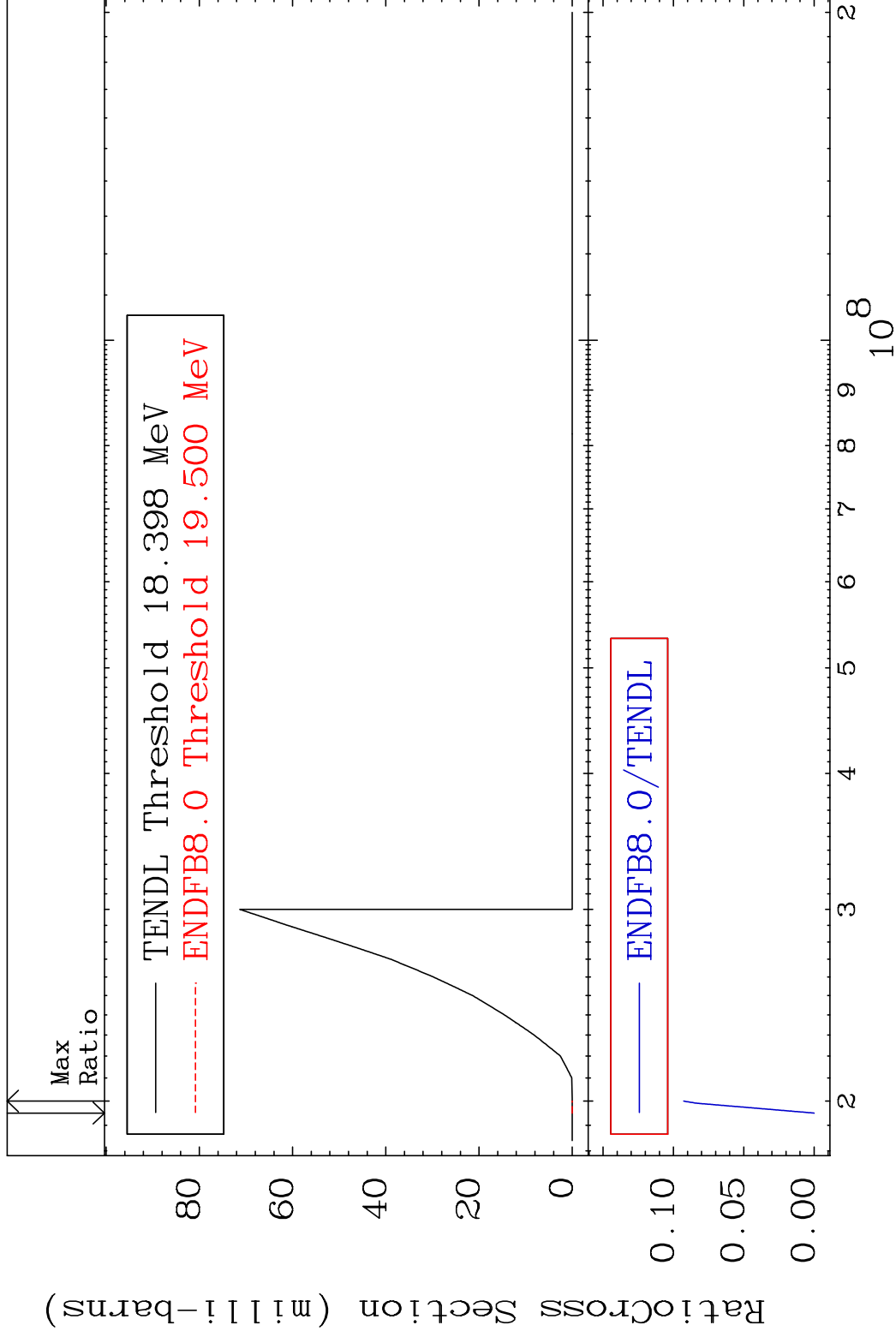
6 Incident Energy (eV) 39-Y -89

MAT 3925

(n,2n) p

39-Y -89

Cross Section -100.0 To -90.73%

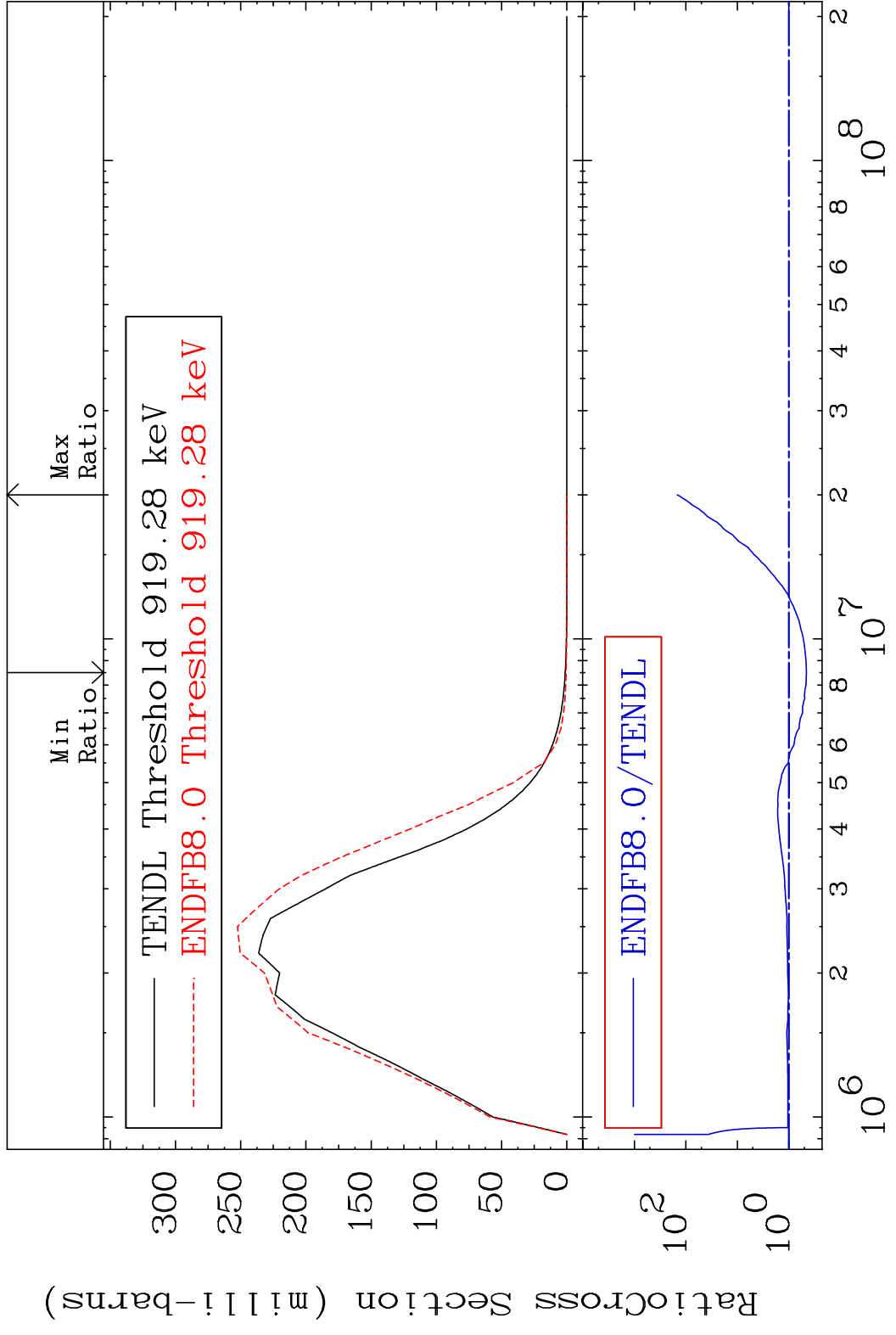


7

Incident Energy (eV)

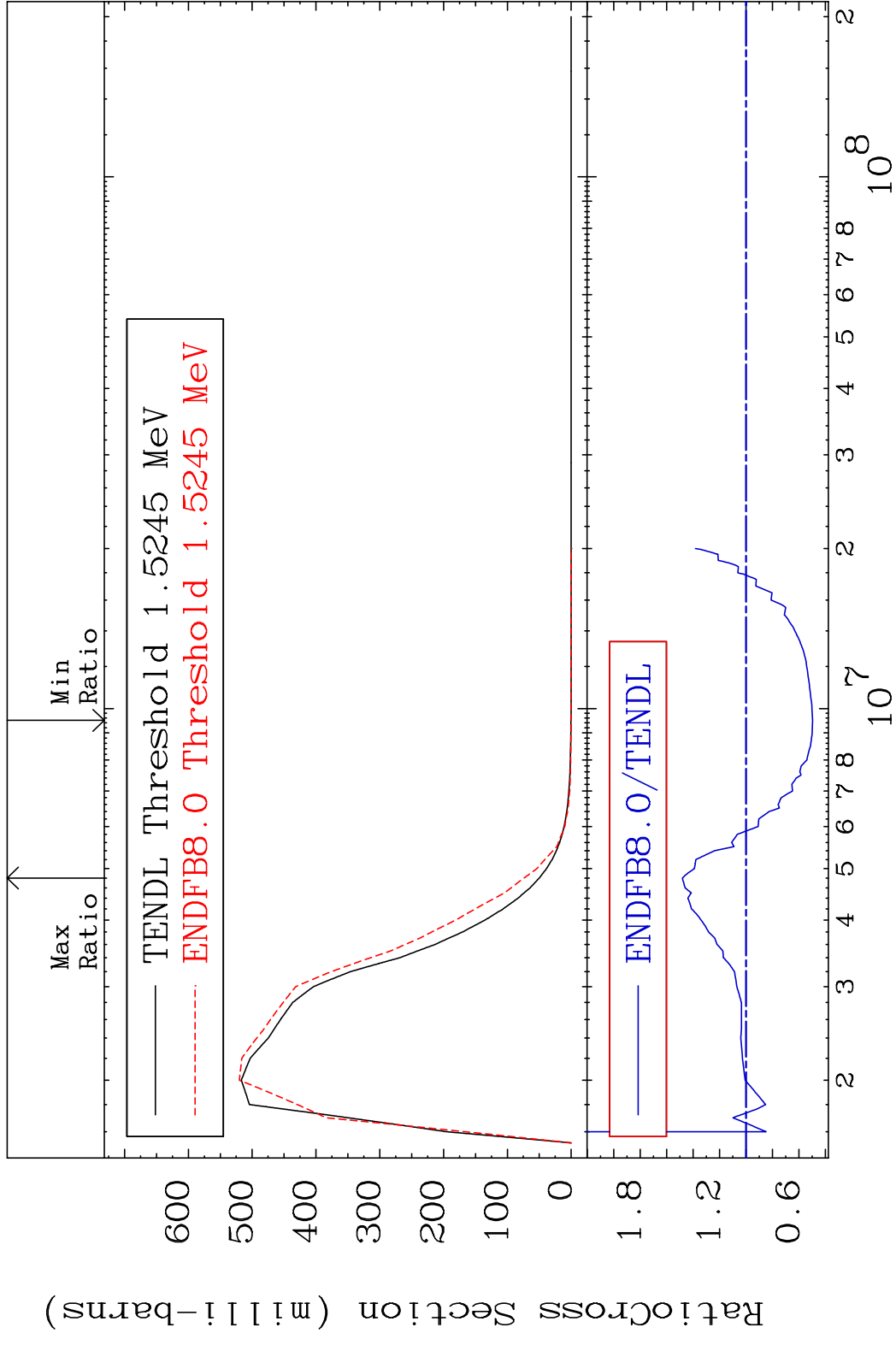
39-Y -89

MAT 3925 MT= 51 (n, n') Level 39-Y -89
 Cross Section -54.44 To 9999. %

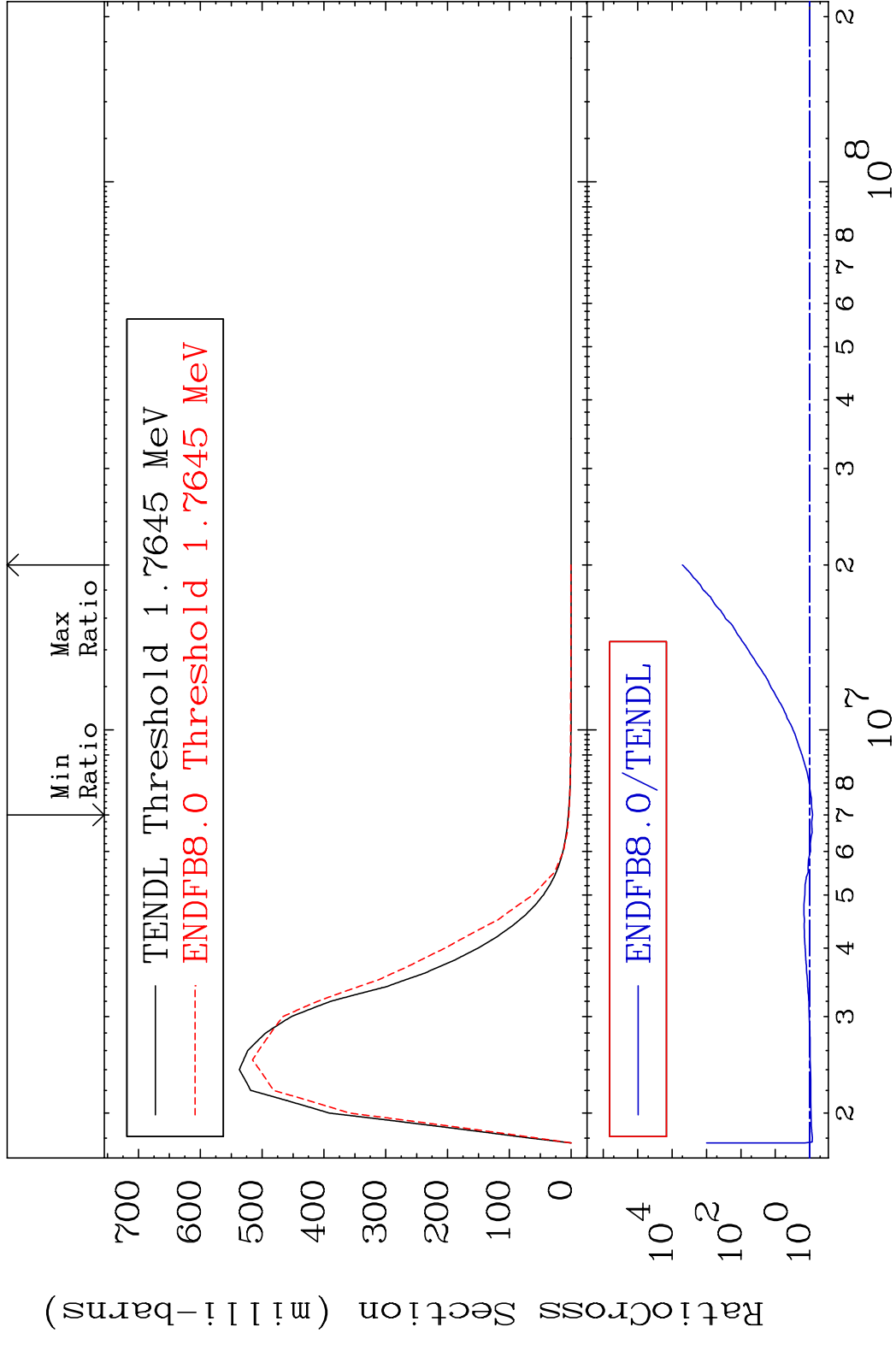


8 Incident Energy (eV) 39-Y -89

MAT 3925 MT= 52 (n,n') Level 39-Y -89
 Cross Section -50.39 To 48.07 %

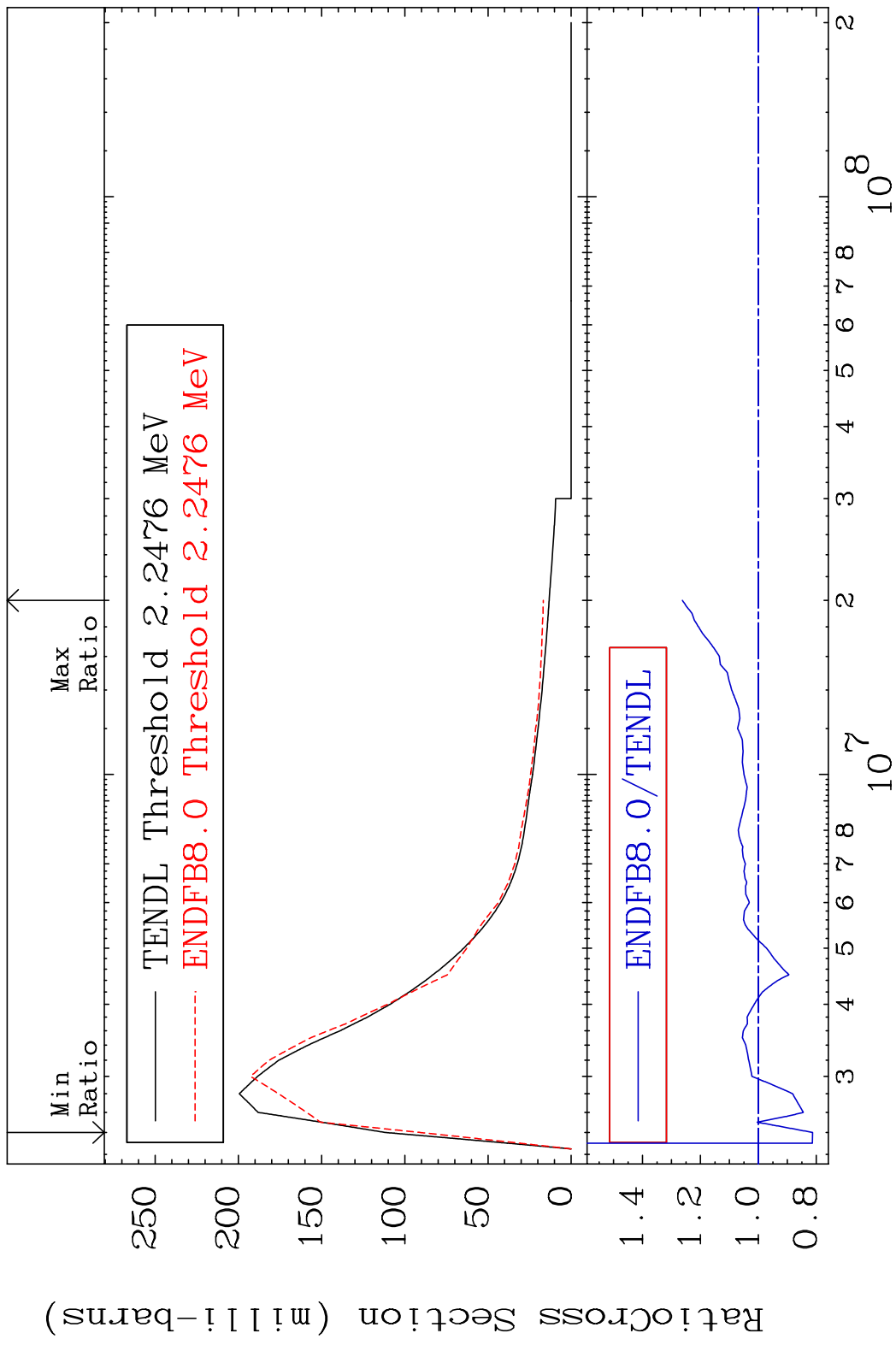


MAT 3925 MT= 53 (n, n') Level 39-Y -89
 Cross Section -17.58 To 9999. %

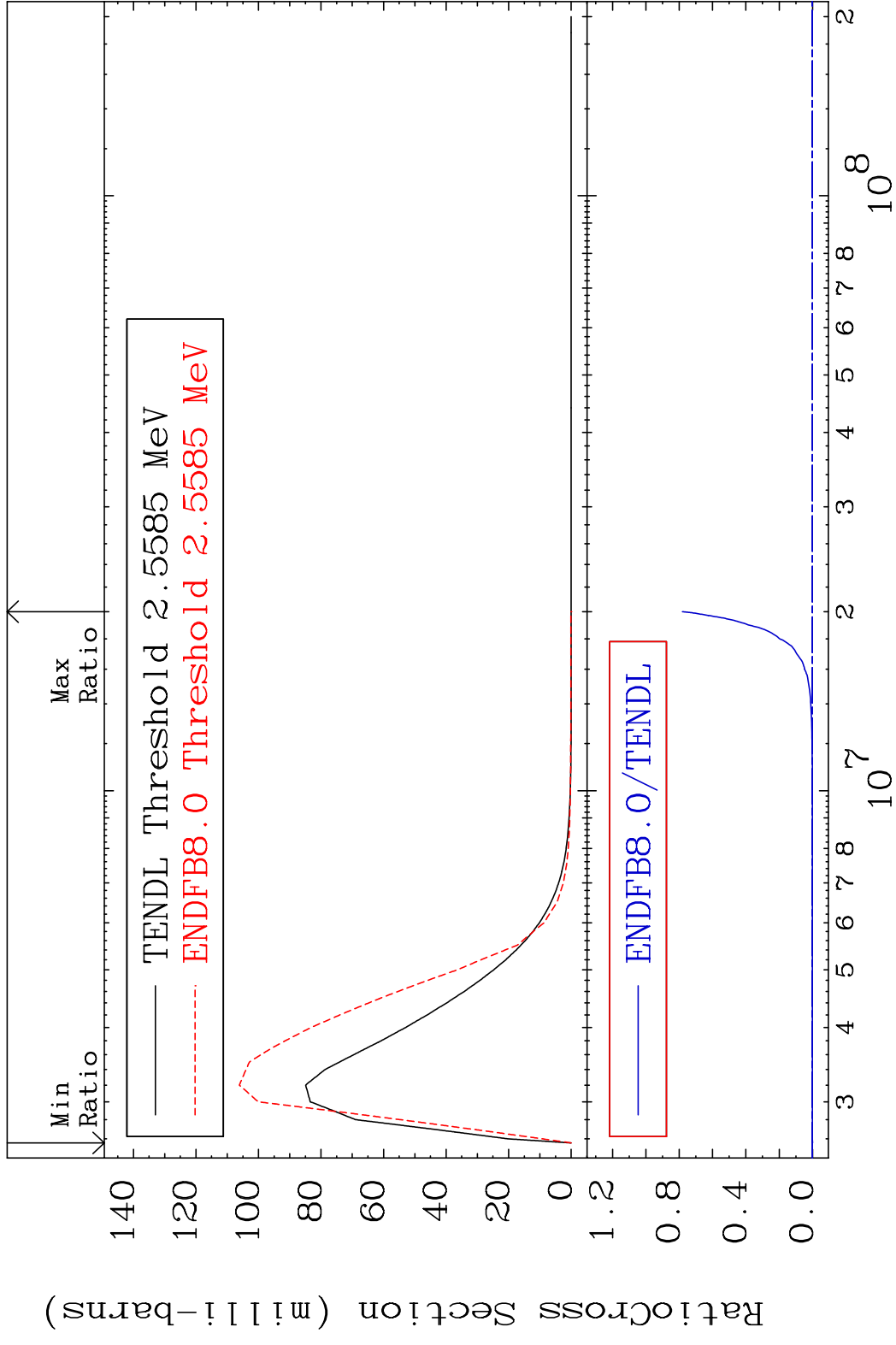


10 Incident Energy (eV) 39-Y -89

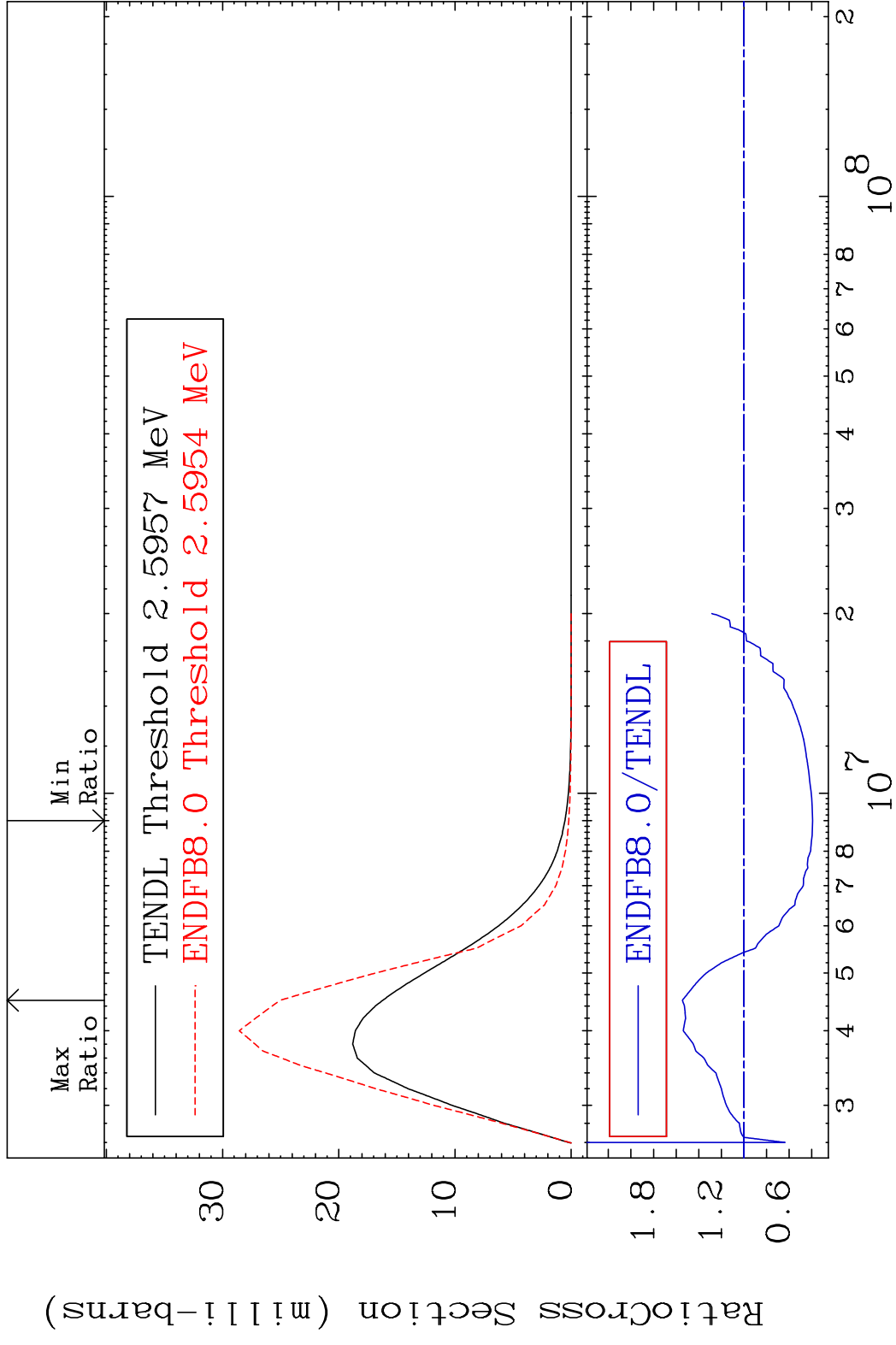
MAT 3925 MT= 54 (n, n') Level 39-Y -89
 Cross Section -18.70 To 26.26 %



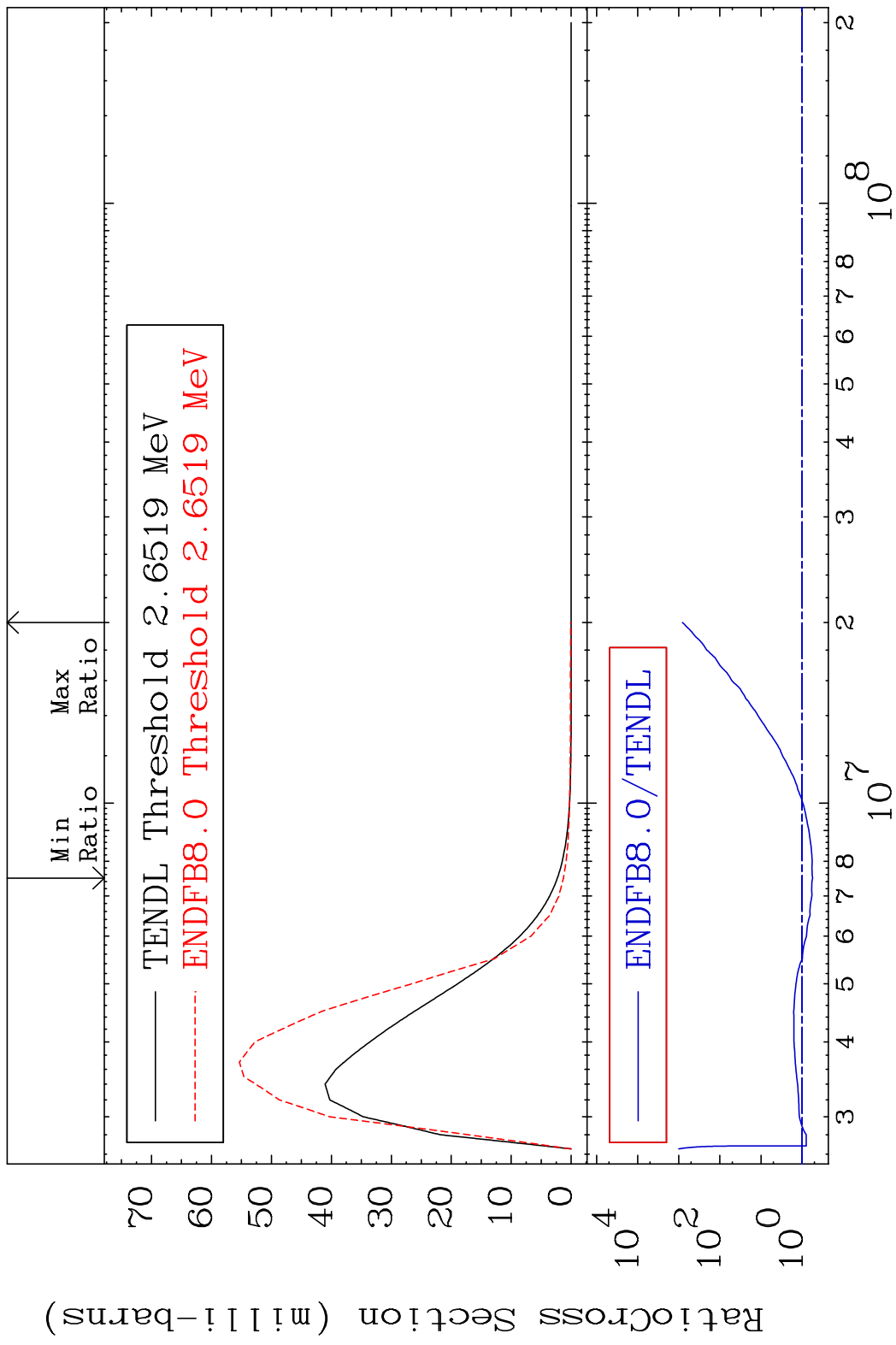
MAT 3925 MT= 55 (n,n') Level 39-Y -89
 Cross Section -100.0 To 9999. %



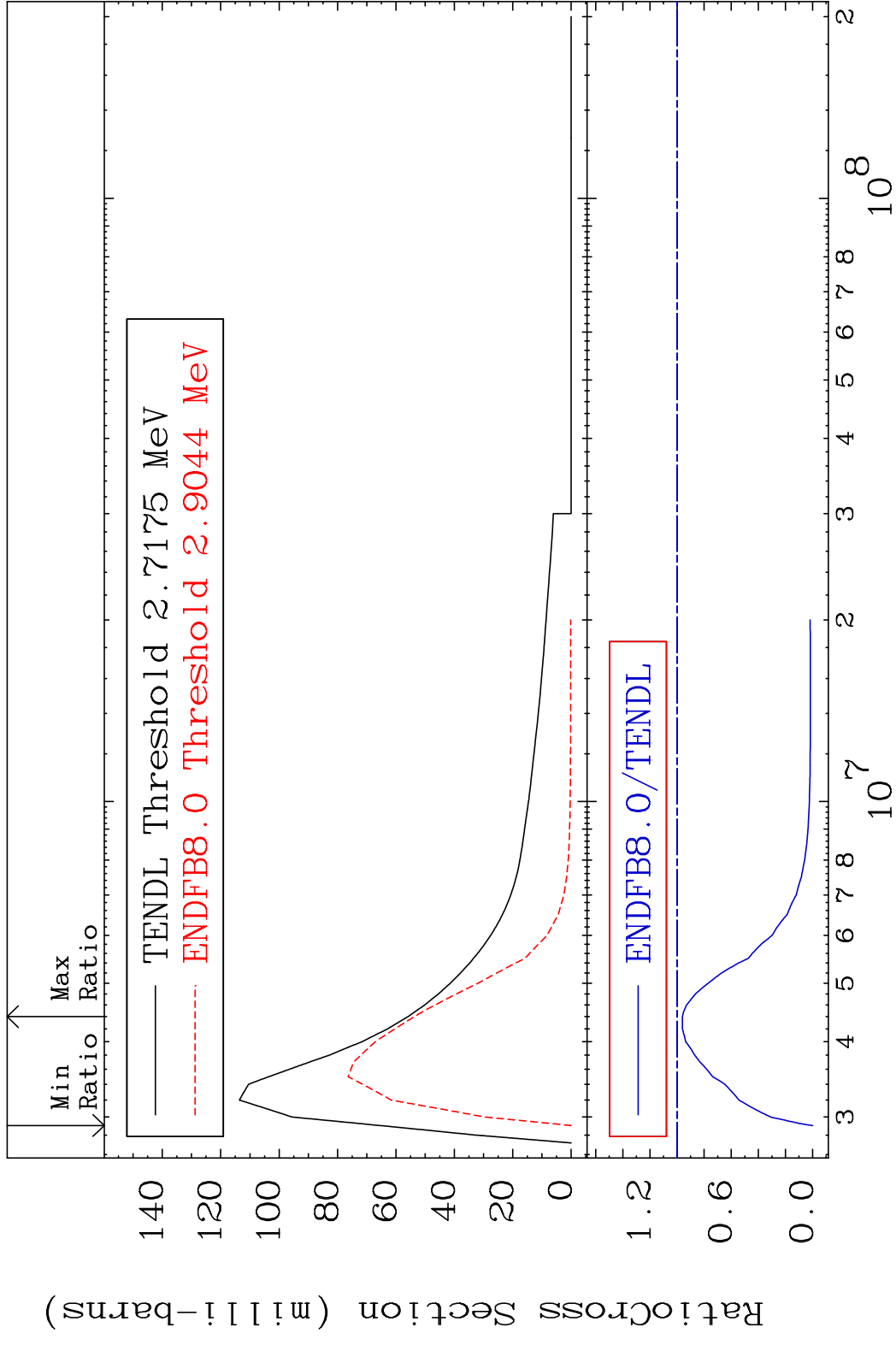
MAT 3925 MT= 56 (n,n') Level 39-Y -89
 Cross Section -60.84 To 54.48 %



MAT 3925 MT= 57 (n,n') Level 39-Y -89
 Cross Section -44.53 To 9999. %

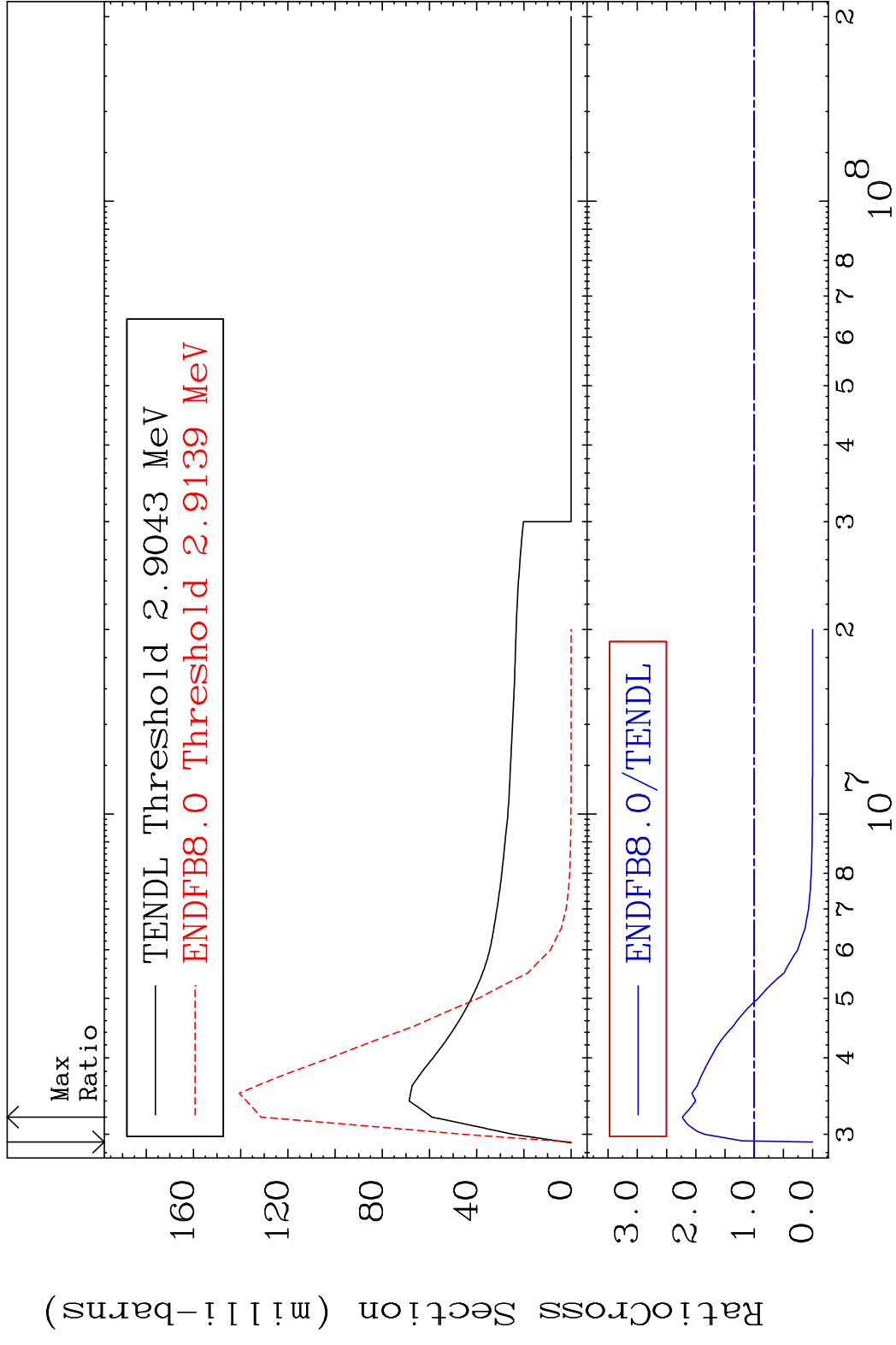


MAT 3925 MT= 58 (n,n') Level 39-Y -89
 Cross Section -100.0 To -3.919%

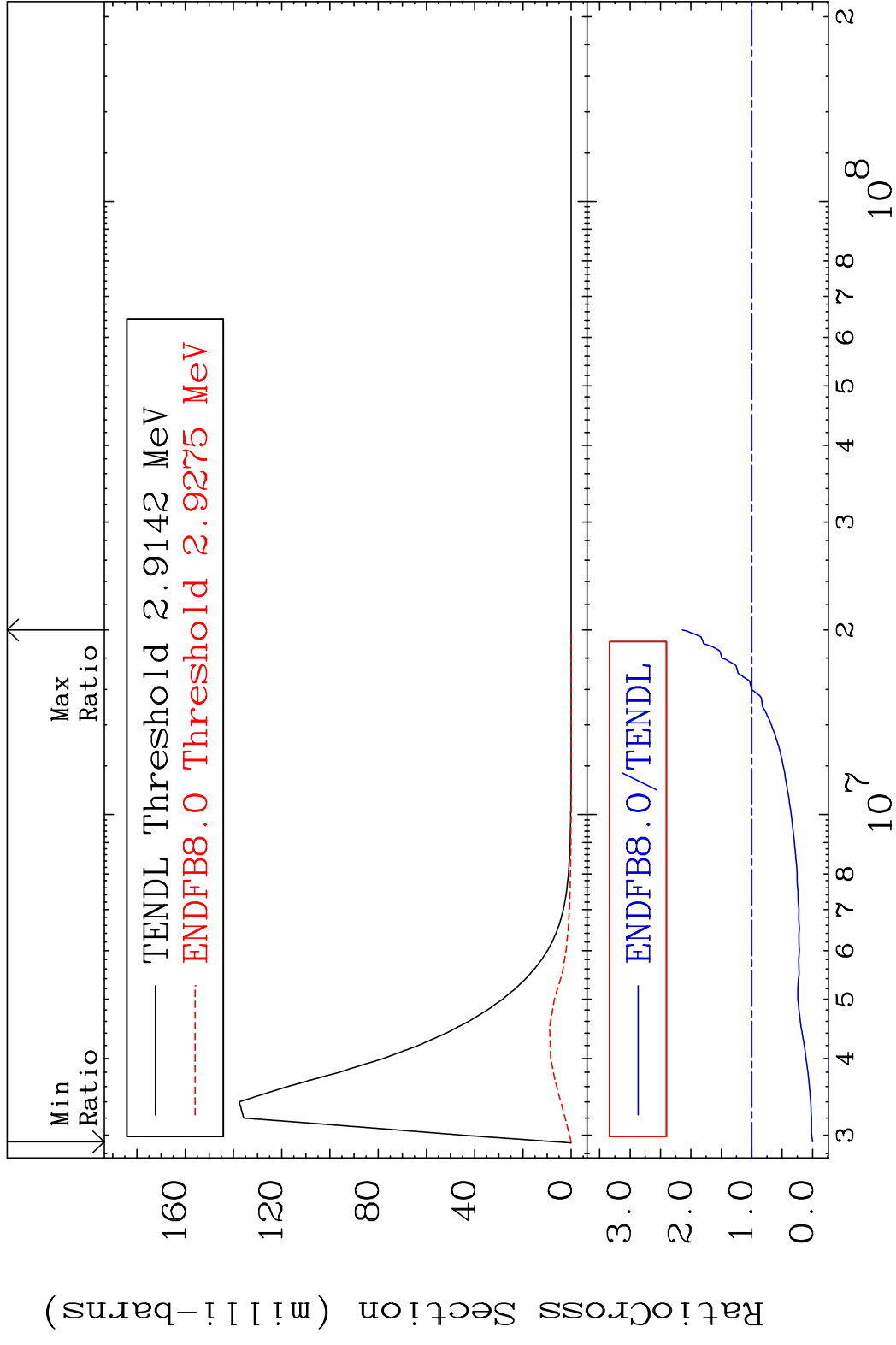


15 Incident Energy (eV) 39-Y -89

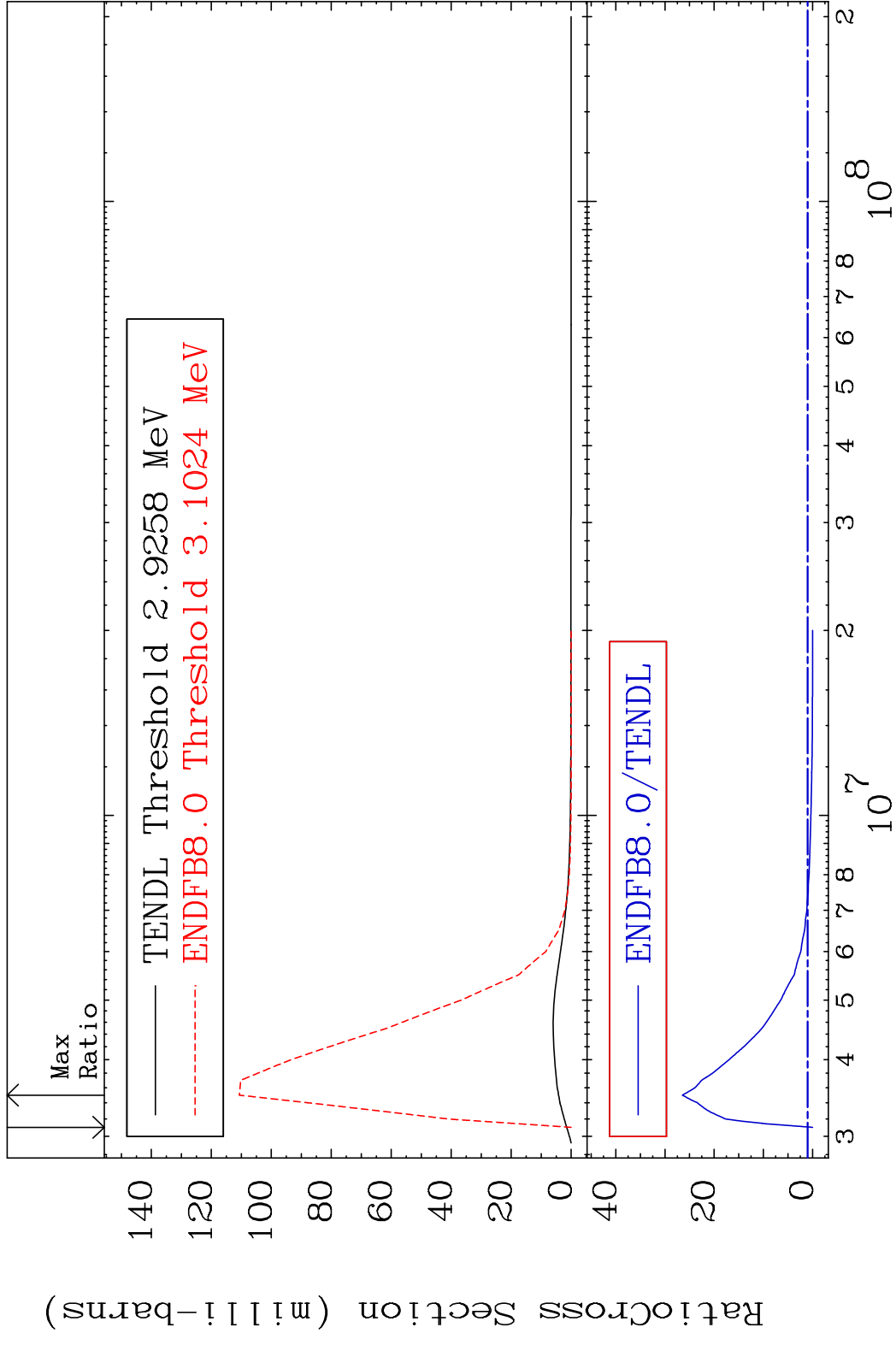
MAT 3925 MT= 59 (n,n') Level 39-Y -89
 Cross Section -100.0 To 122.9 %



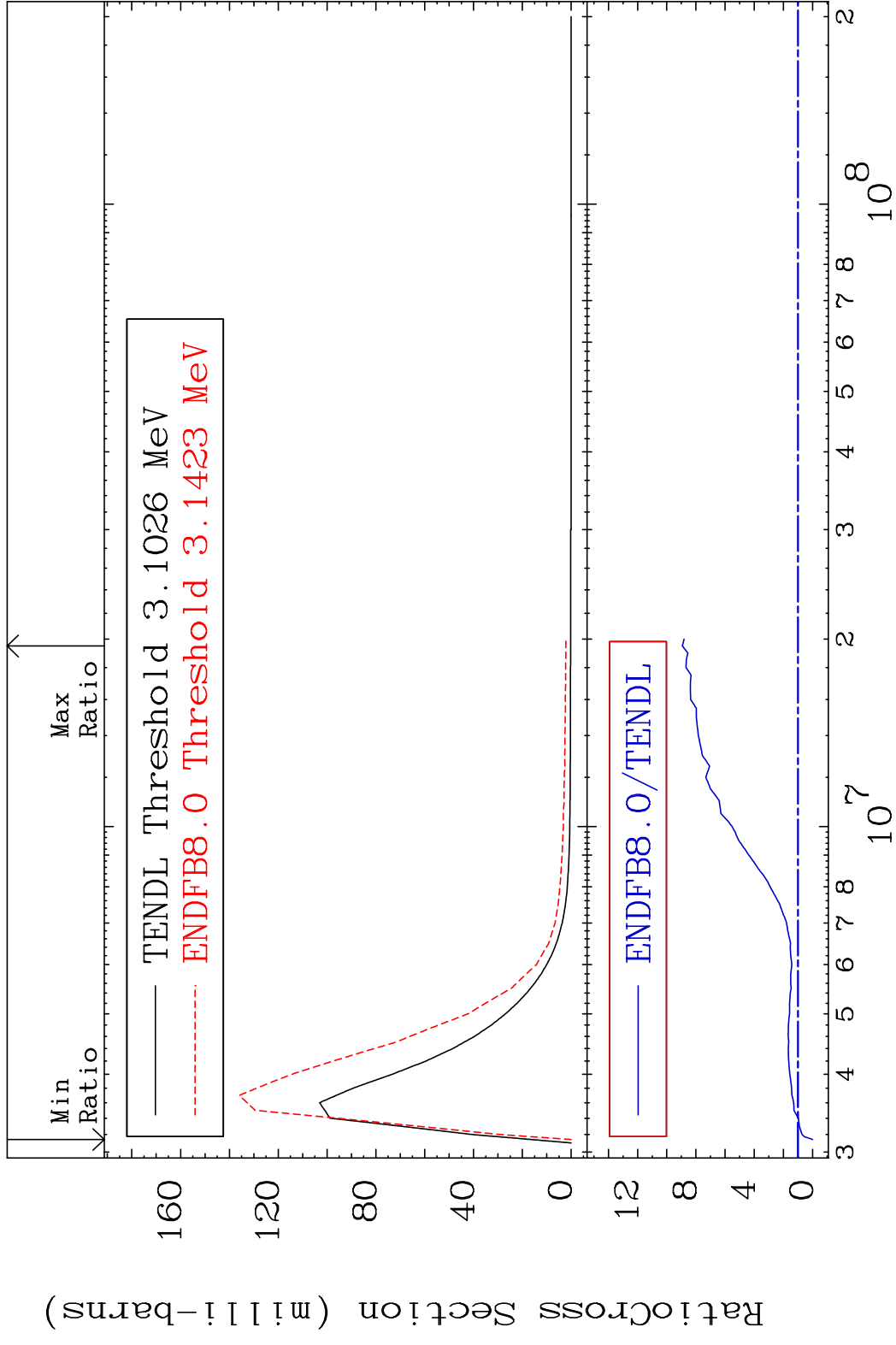
MAT 3925 MT= 60 (n,n') Level 39-Y -89
 Cross Section -100.0 To 114.0 %



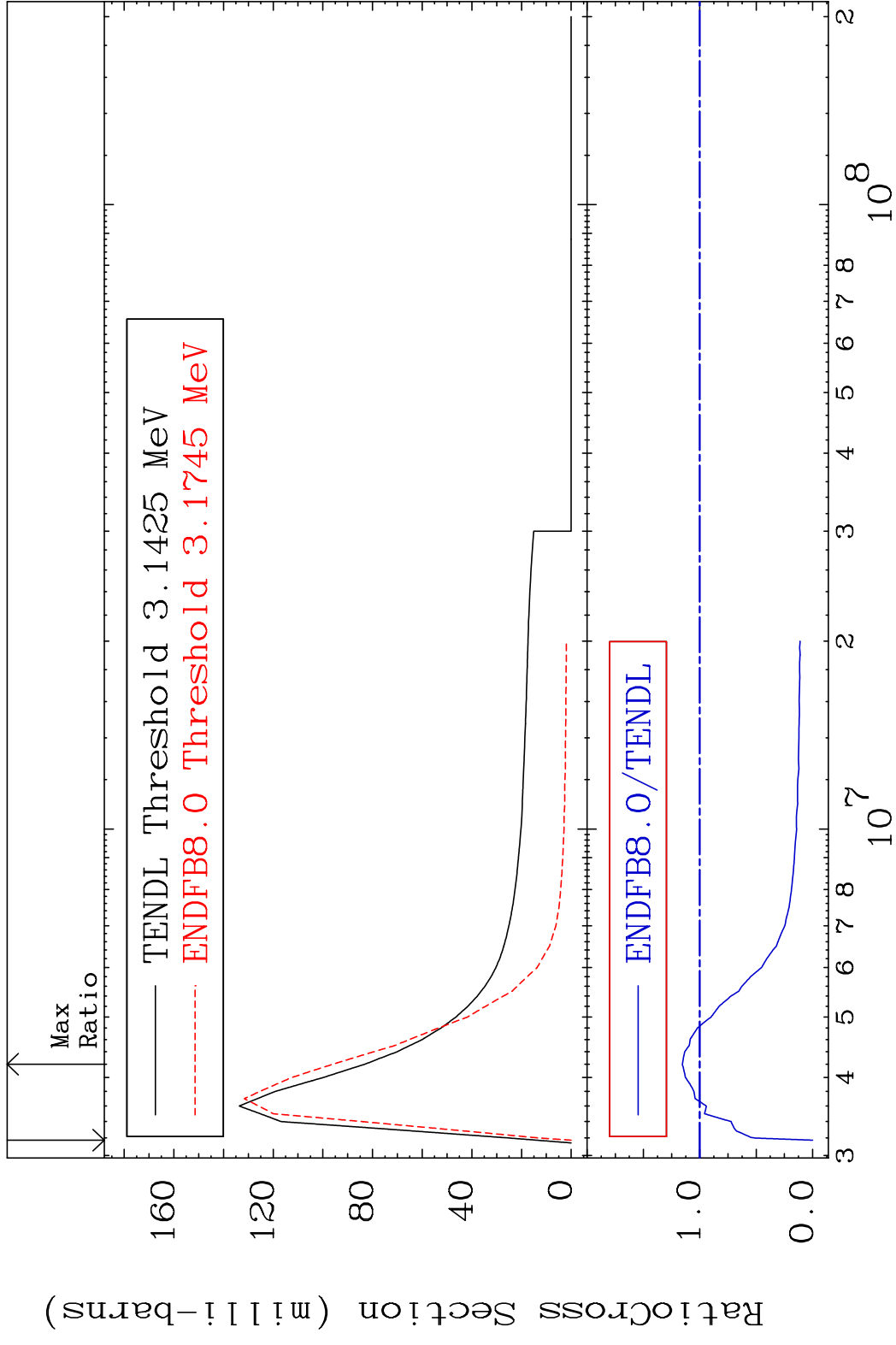
MAT 3925 MT= 61 (n,n') Level 39-Y -89
 Cross Section -100.0 To 2547. %



MAT 3925 MT= 62 (n, n') Level 39-Y -89
 Cross Section -100.0 To 793.1 %

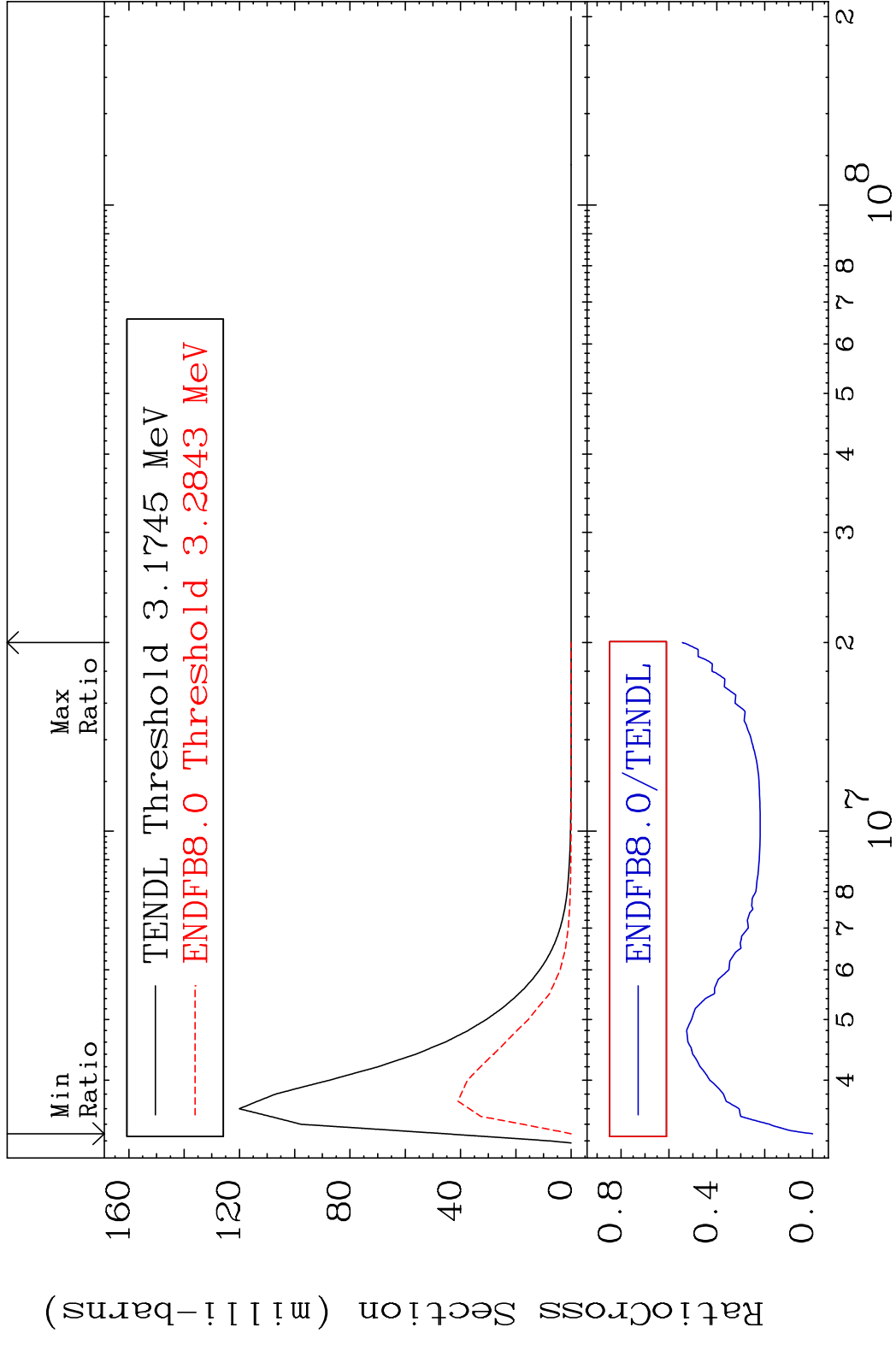


MAT 3925 MT= 63 (n,n') Level 39-Y -89
 Cross Section -100.0 To 15.48 %

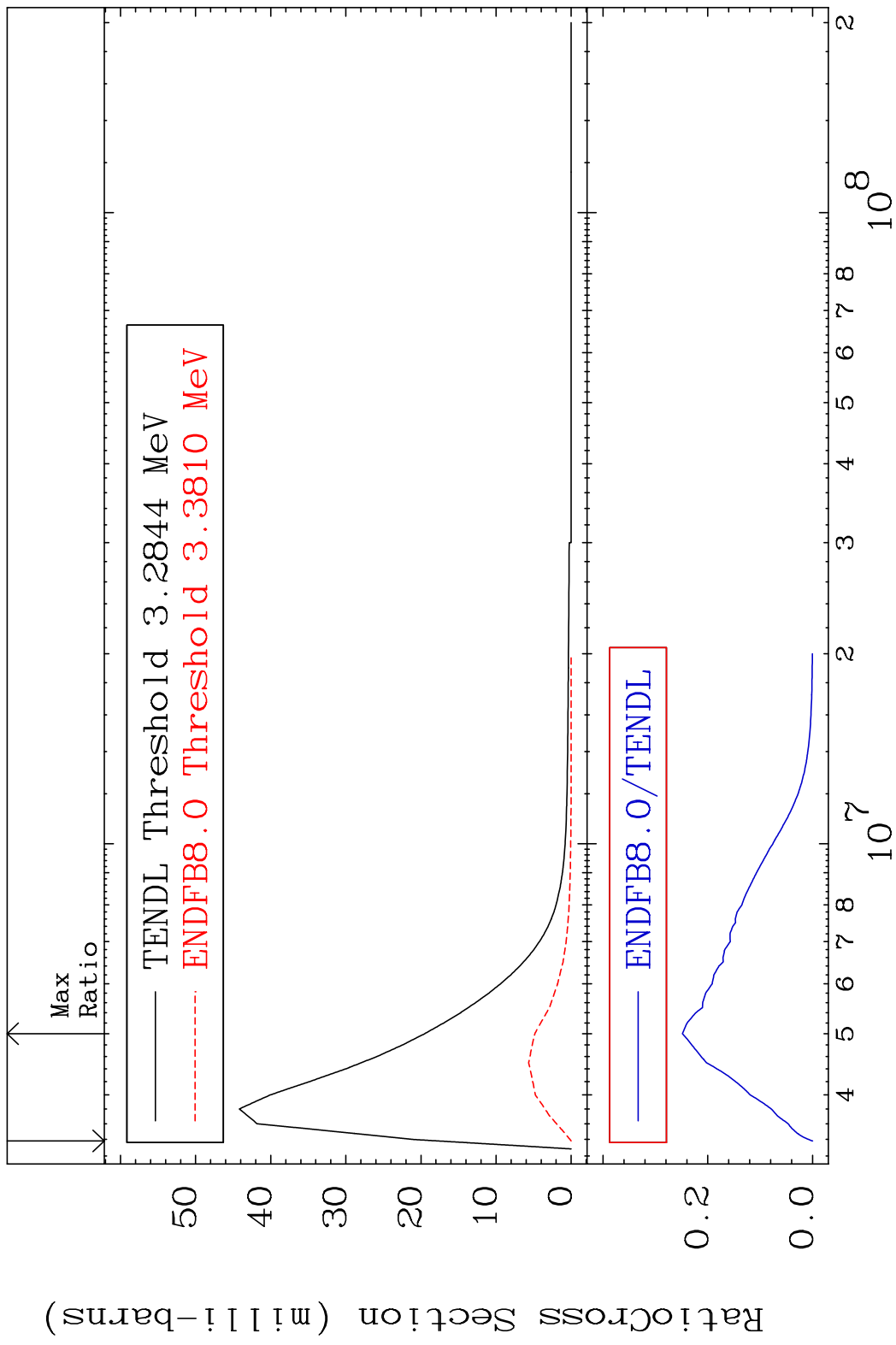


20 3 4 5 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 39-Y -89

MAT 3925 MT= 64 (n, n') Level 39-Y -89
 Cross Section -100.0 To -45.61%



MAT 3925 MT= 65 (n,n') Level 39-Y -89
 Cross Section -100.0 To -75.14%

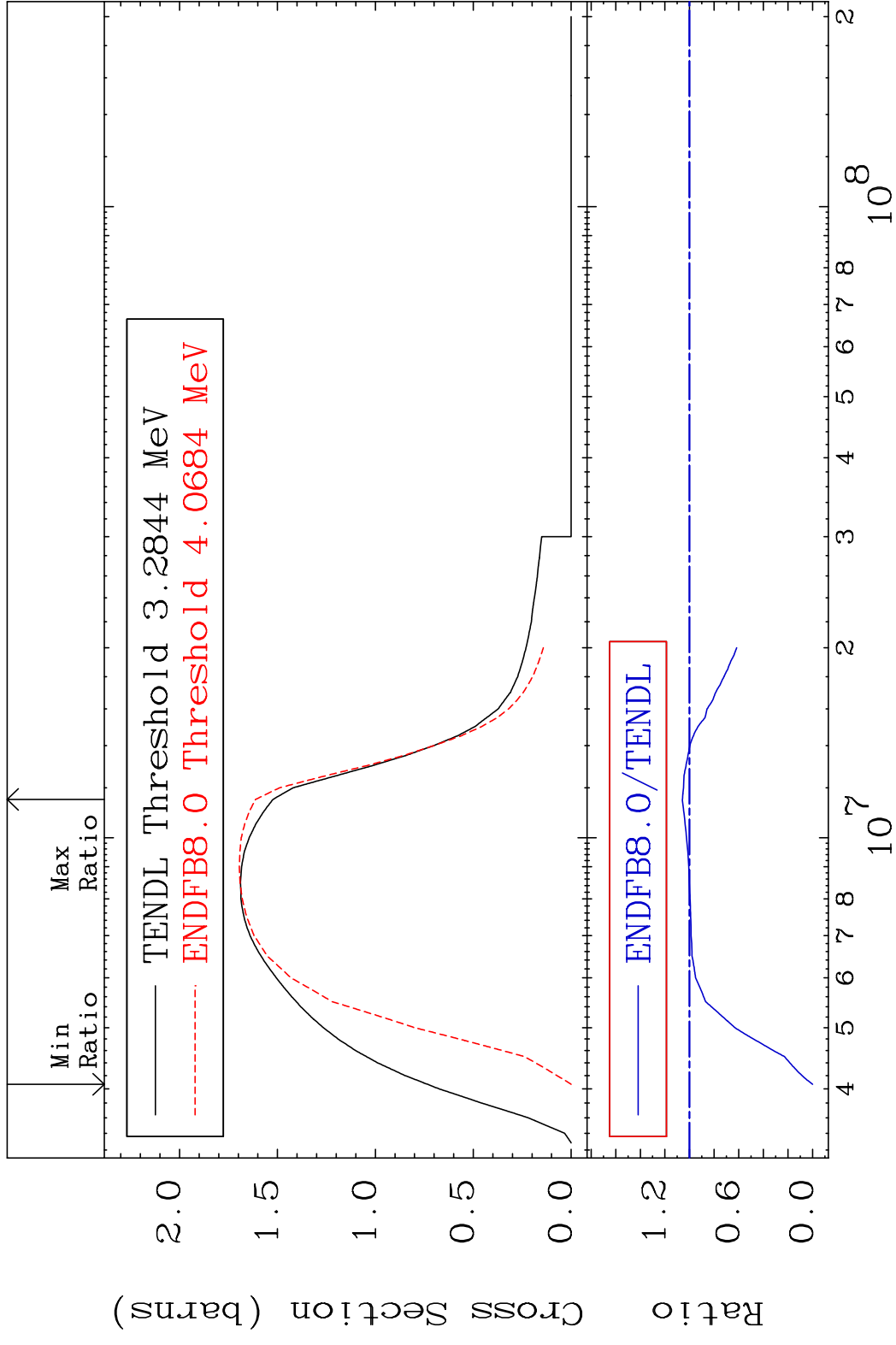


MAT 3925

(n, n') Continuum

39-Y -89

Cross Section -100.0 To 5.832 %

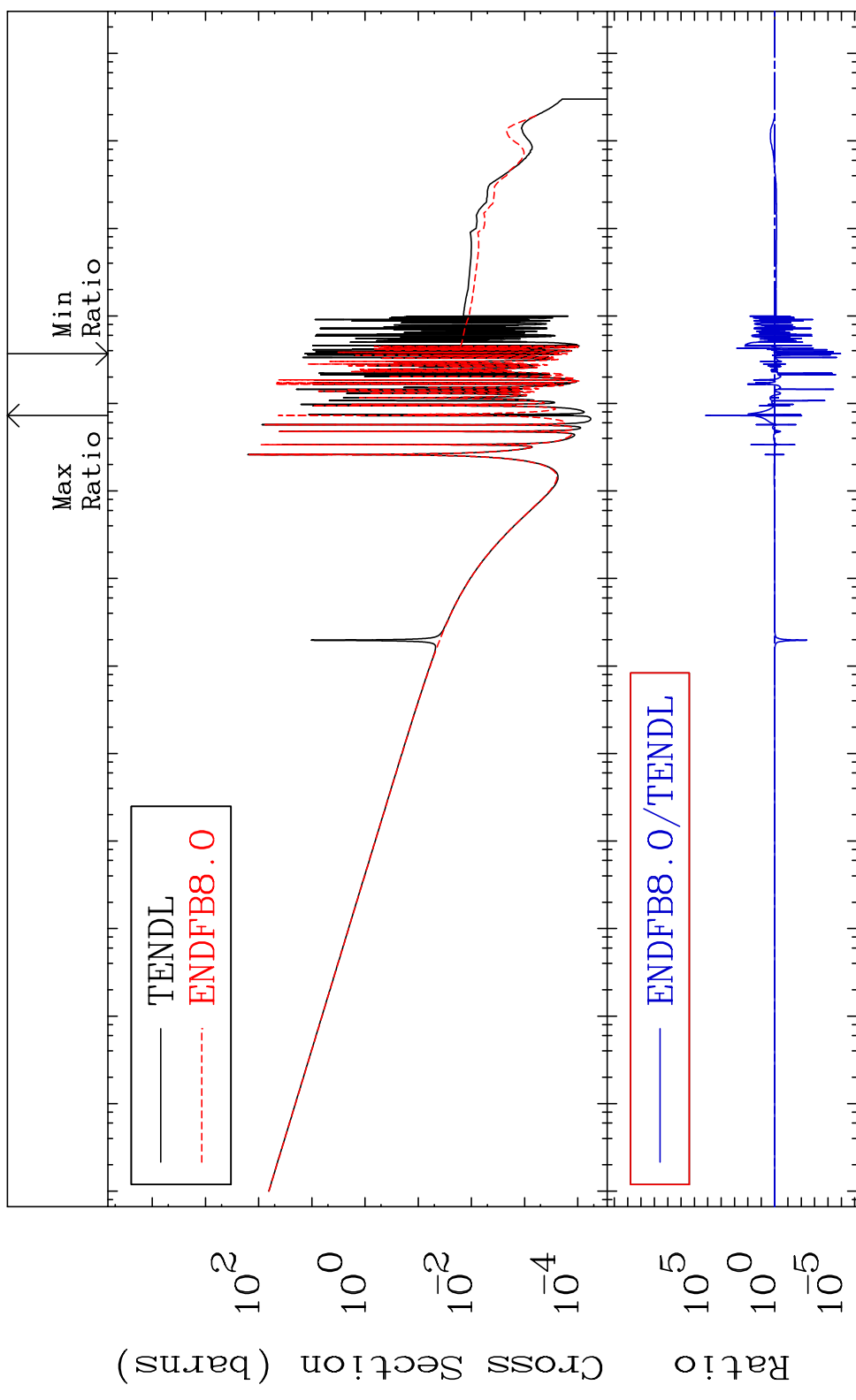


MAT 3925

(n, γ)

39-Y -89

Cross Section -100.0 To 9999. %

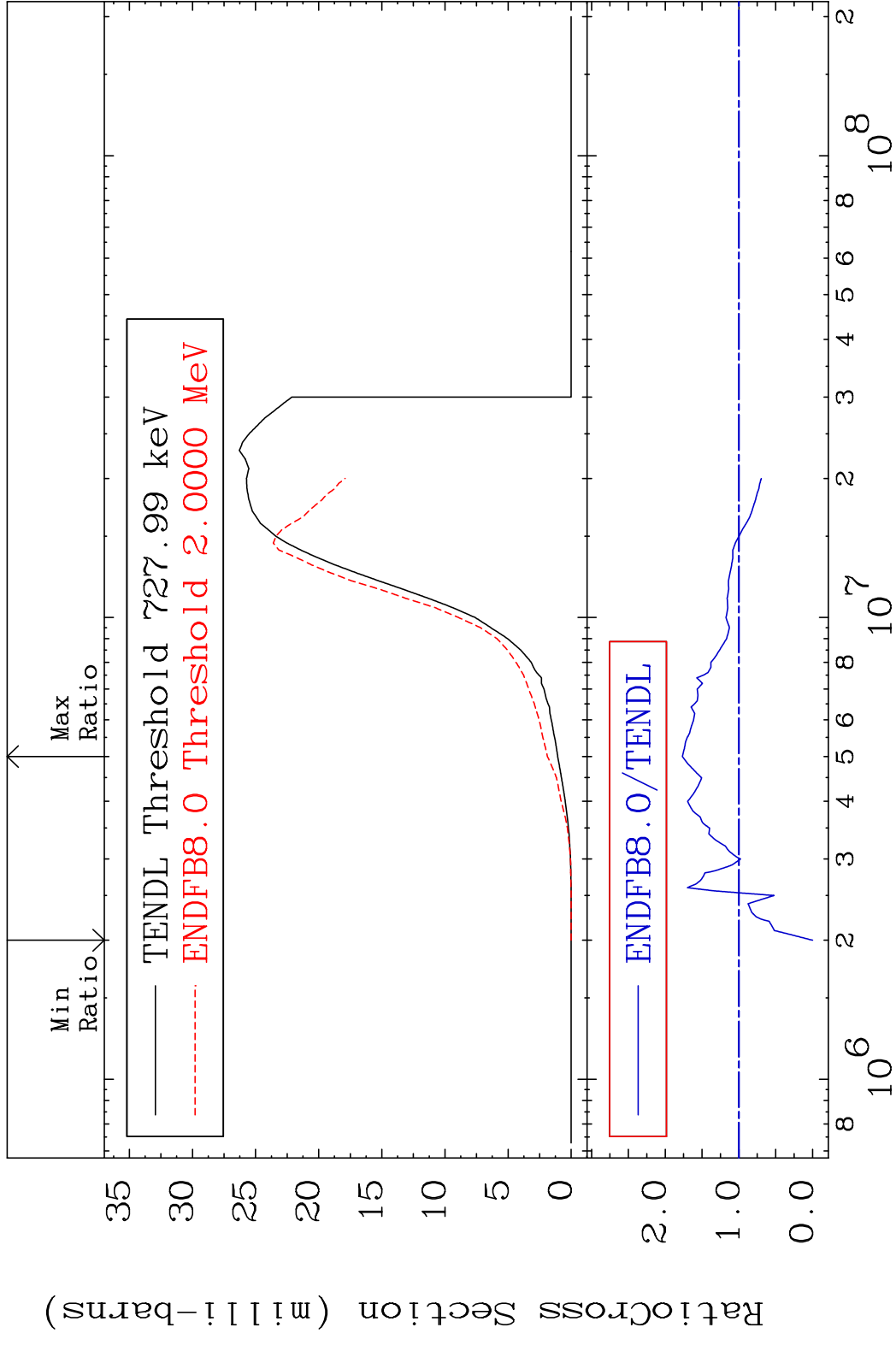


24

Incident Energy (eV)

39-Y -89

MAT 3925 (n,p) 39-Y -89
 Cross Section -100.0 To 76.72 %



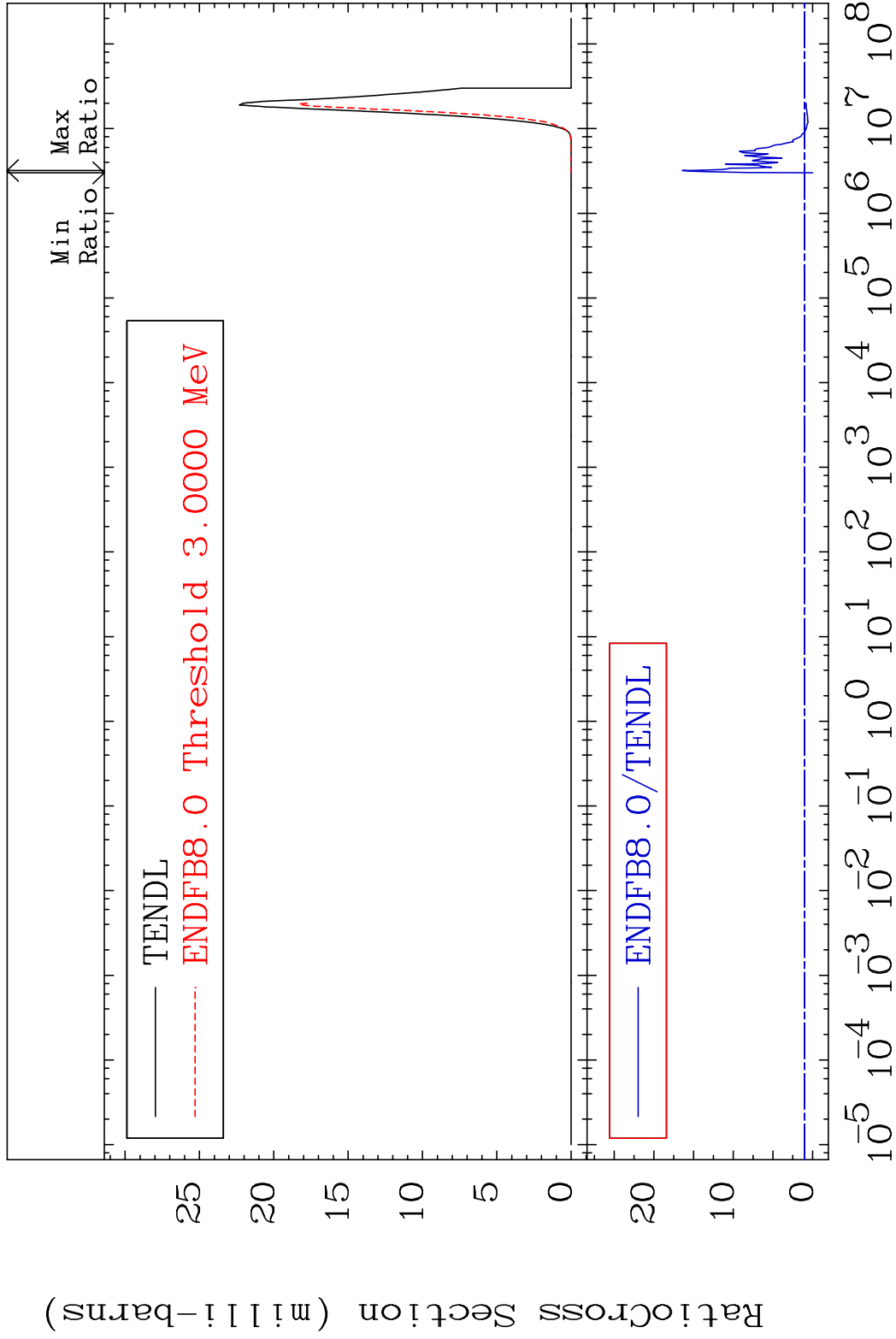
25 39-Y -89

MAT 3925

(n, α)

39-Y -89

Cross Section -100.0 To 1541. %

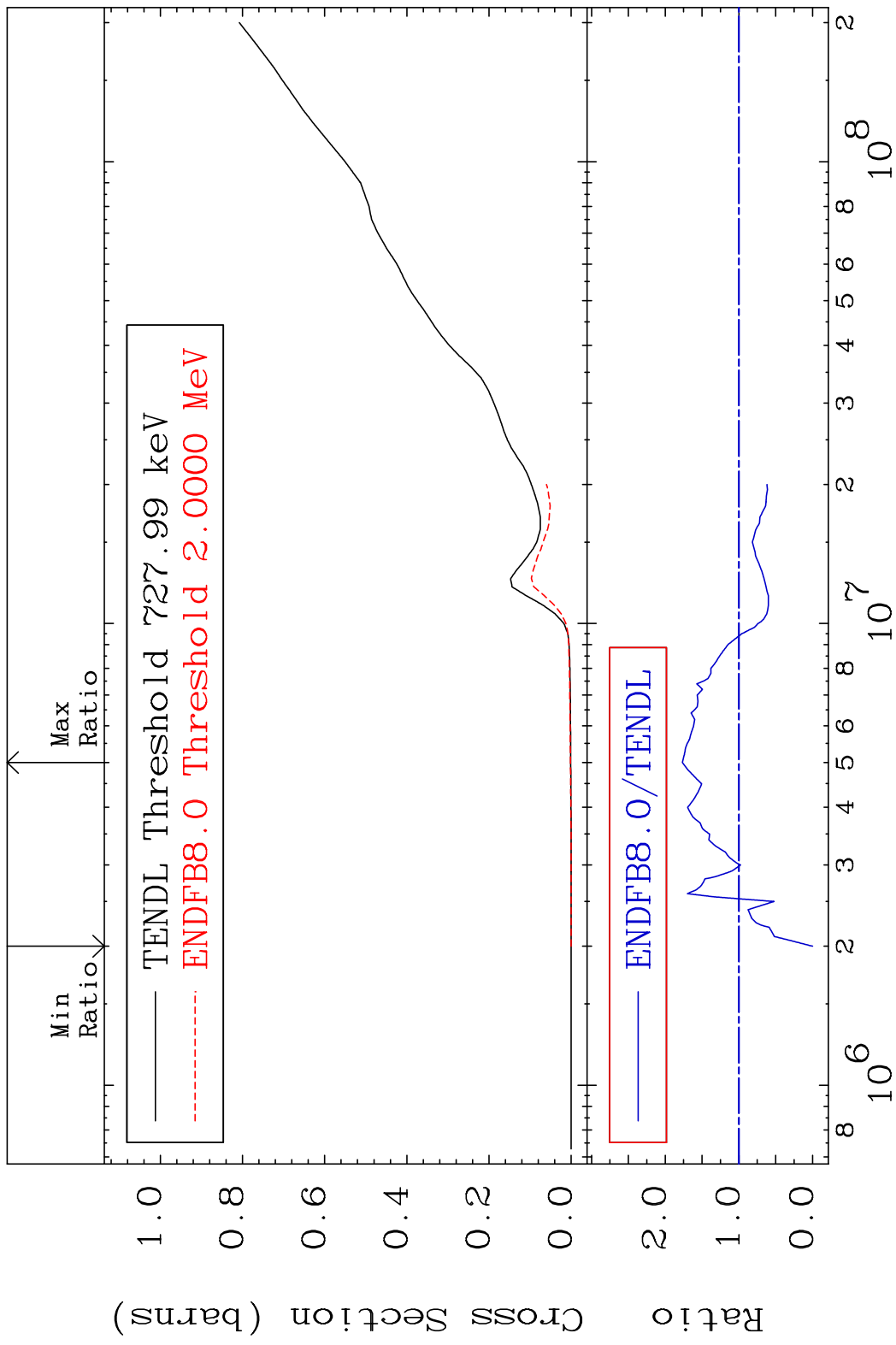


26

Incident Energy (eV)

39-Y -89

MAT 3925 Hydrogen Production 39-Y -89
 Cross Section -100.0 To 76.72 %

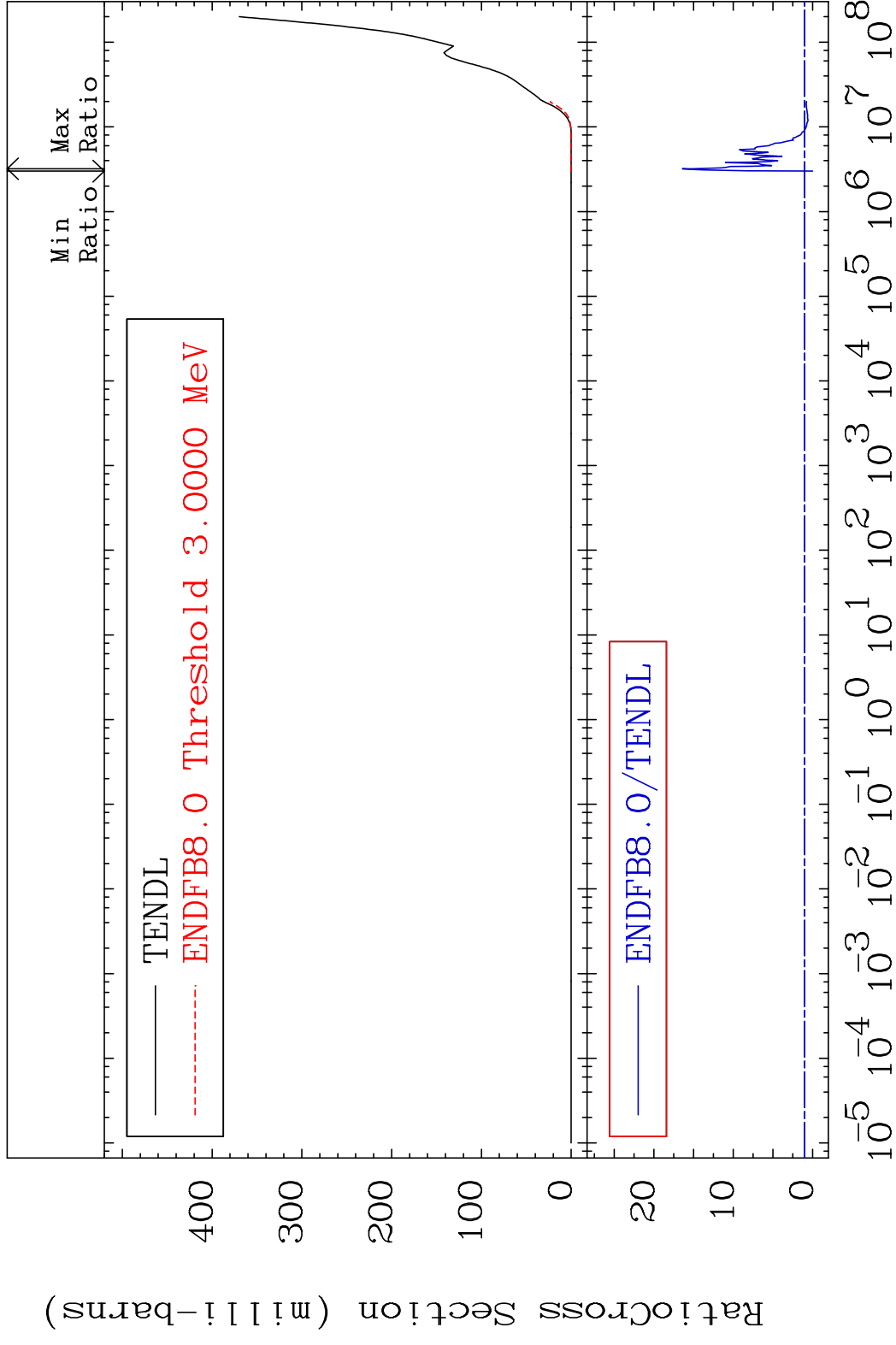


MAT 3925

He-4 Production

39-Y -89

Cross Section -100.0 To 1541. %

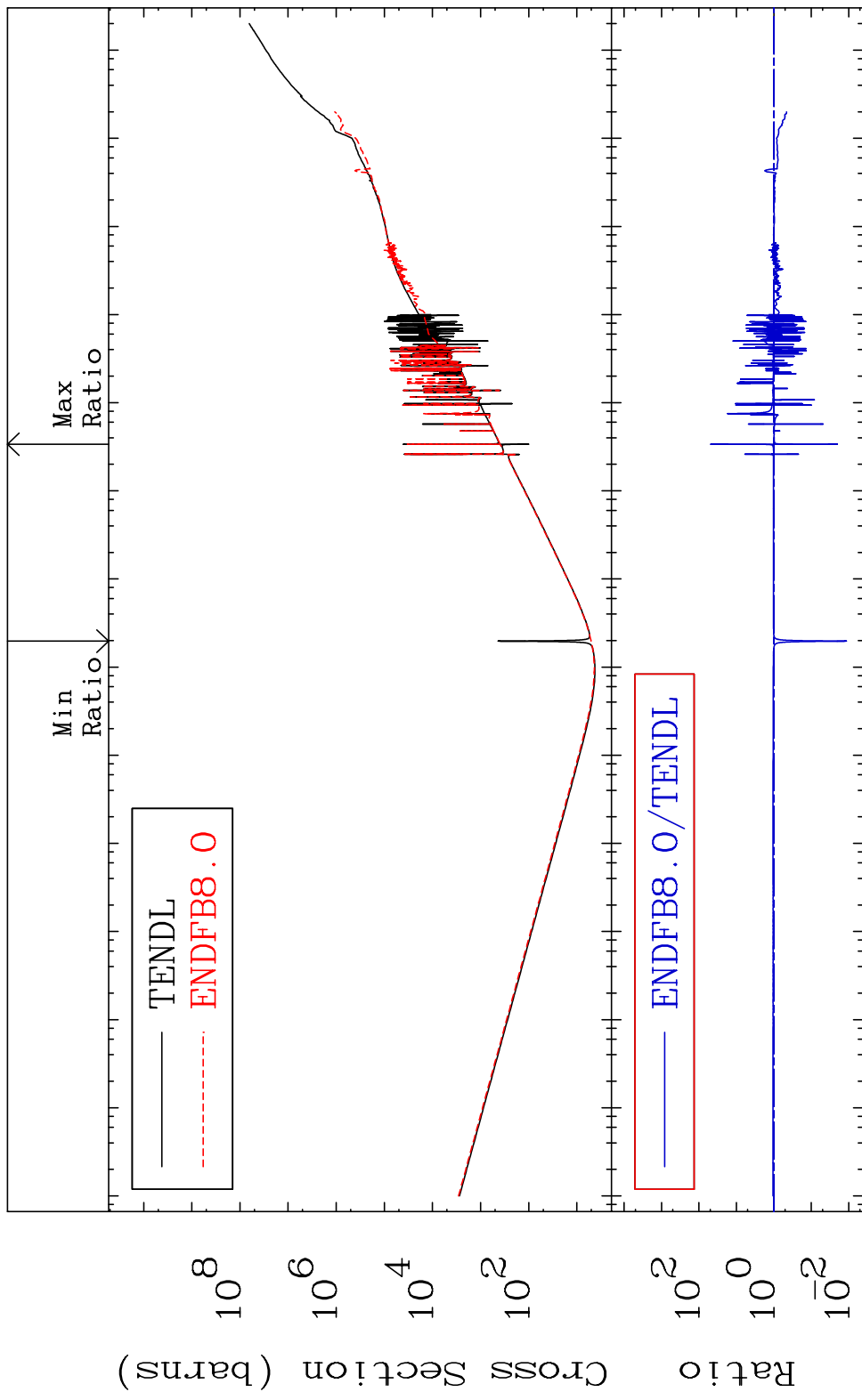


28

Incident Energy (eV)

39-Y -89

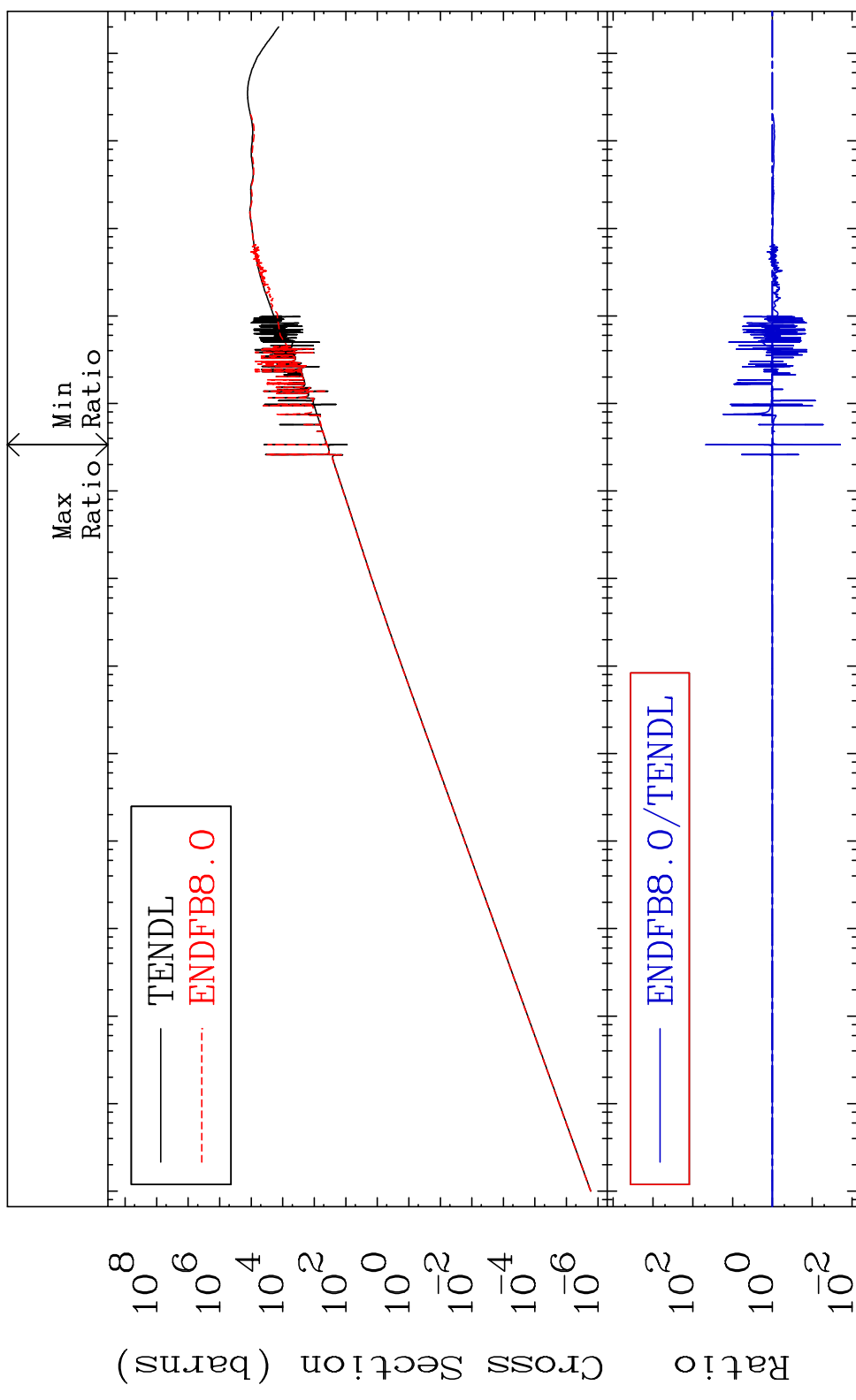
MAT 3925 Kerma total (eV-barns) 39-Y -89
 Cross Section -98.85 To 4757. %



MAT 3925

Kerma elastic Cross Section -98.04 To 4625. %

39-Y -89

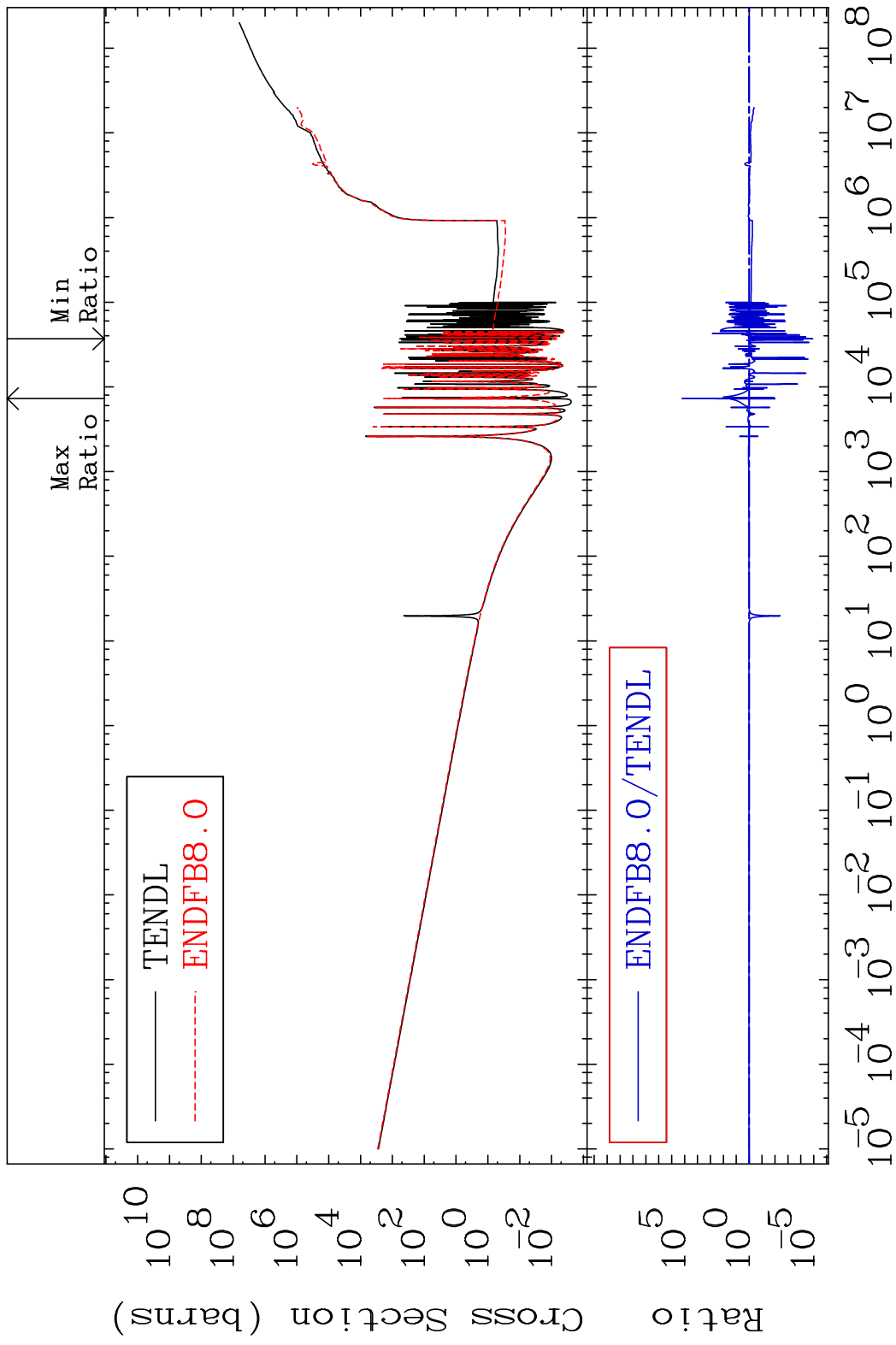


30

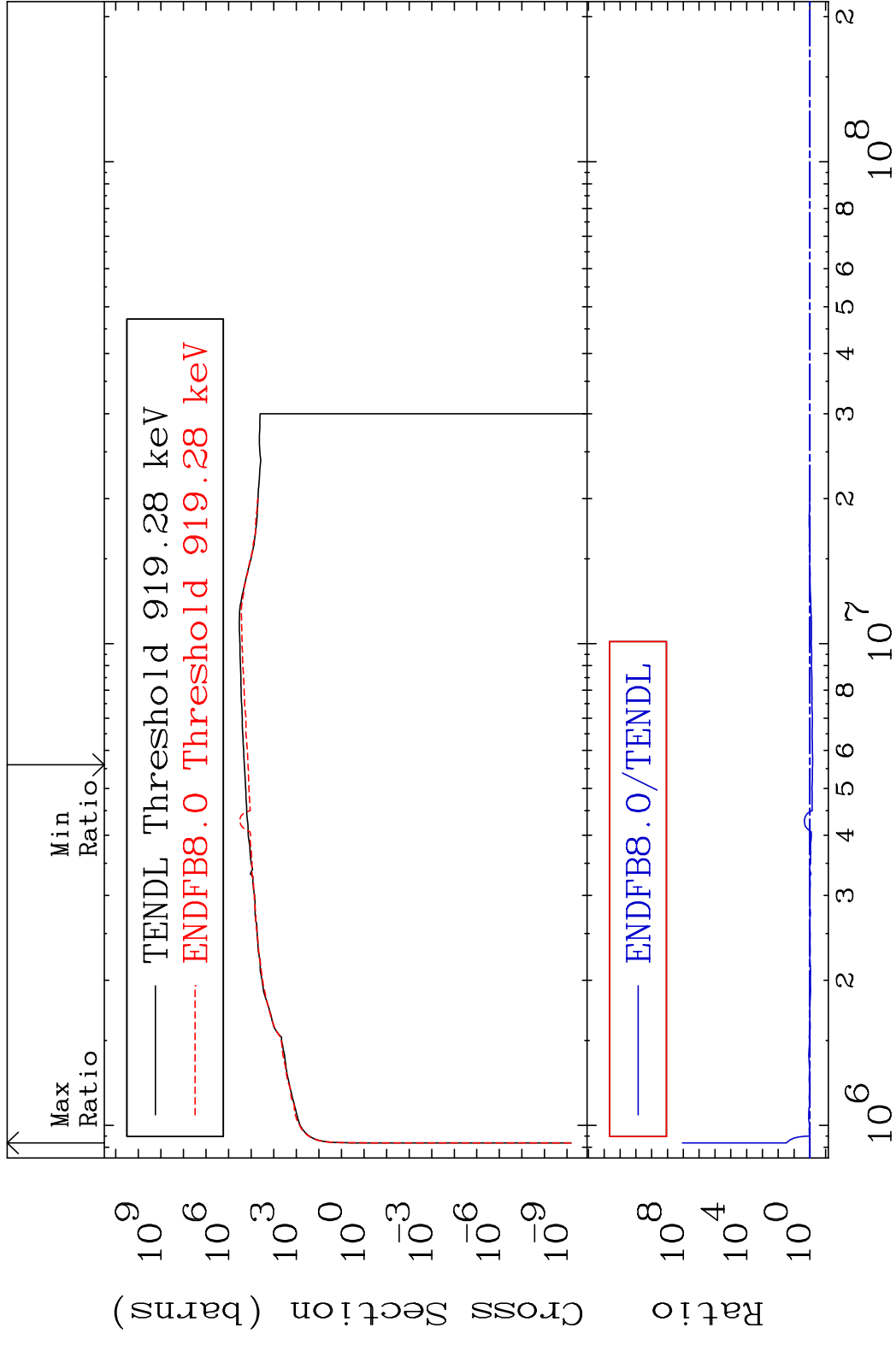
Incident Energy (eV)

39-Y -89

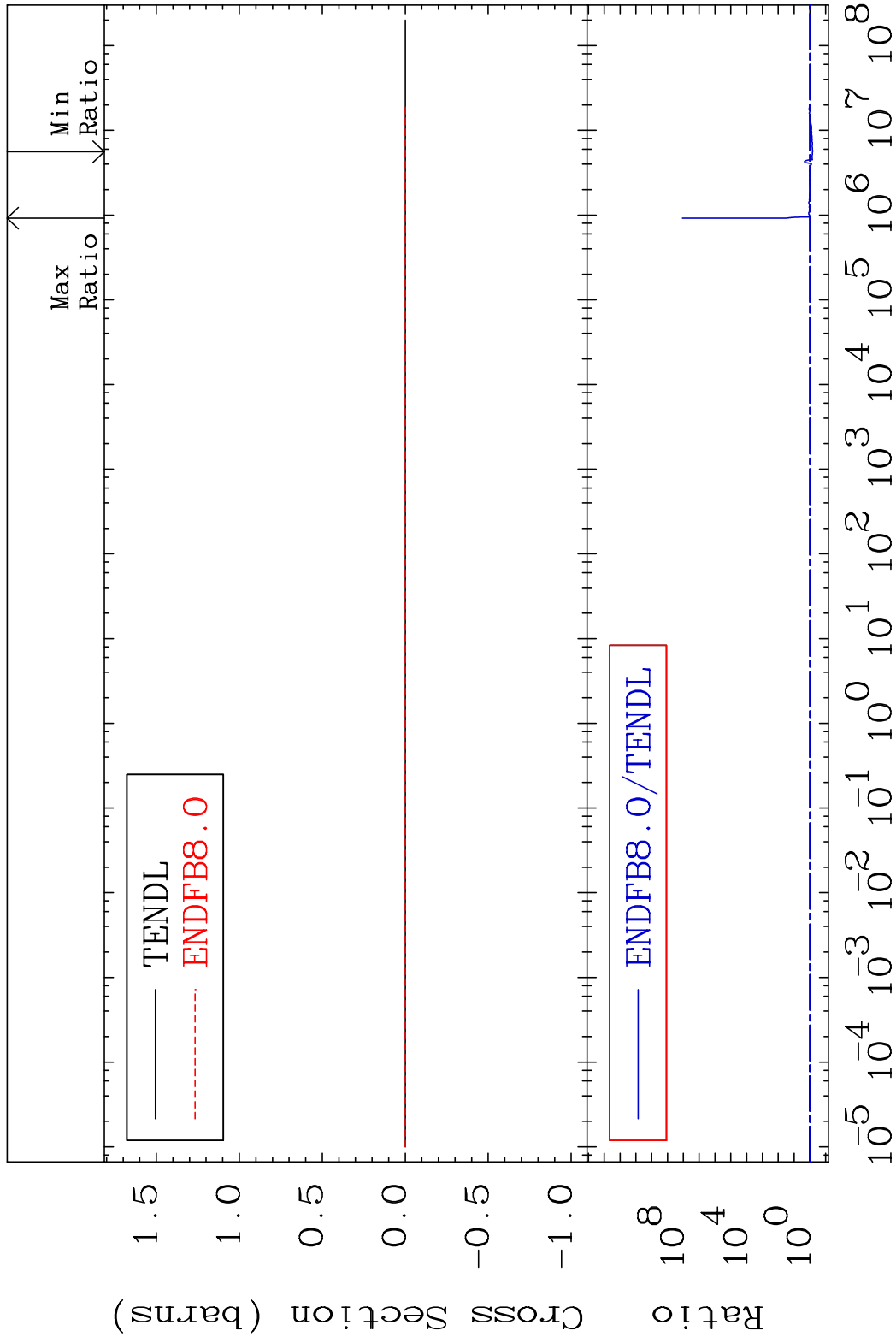
MAT 3925 Kerma non-elastic (all but mt2) 39-Y -89
 Cross Section -100.0 To 9999. %



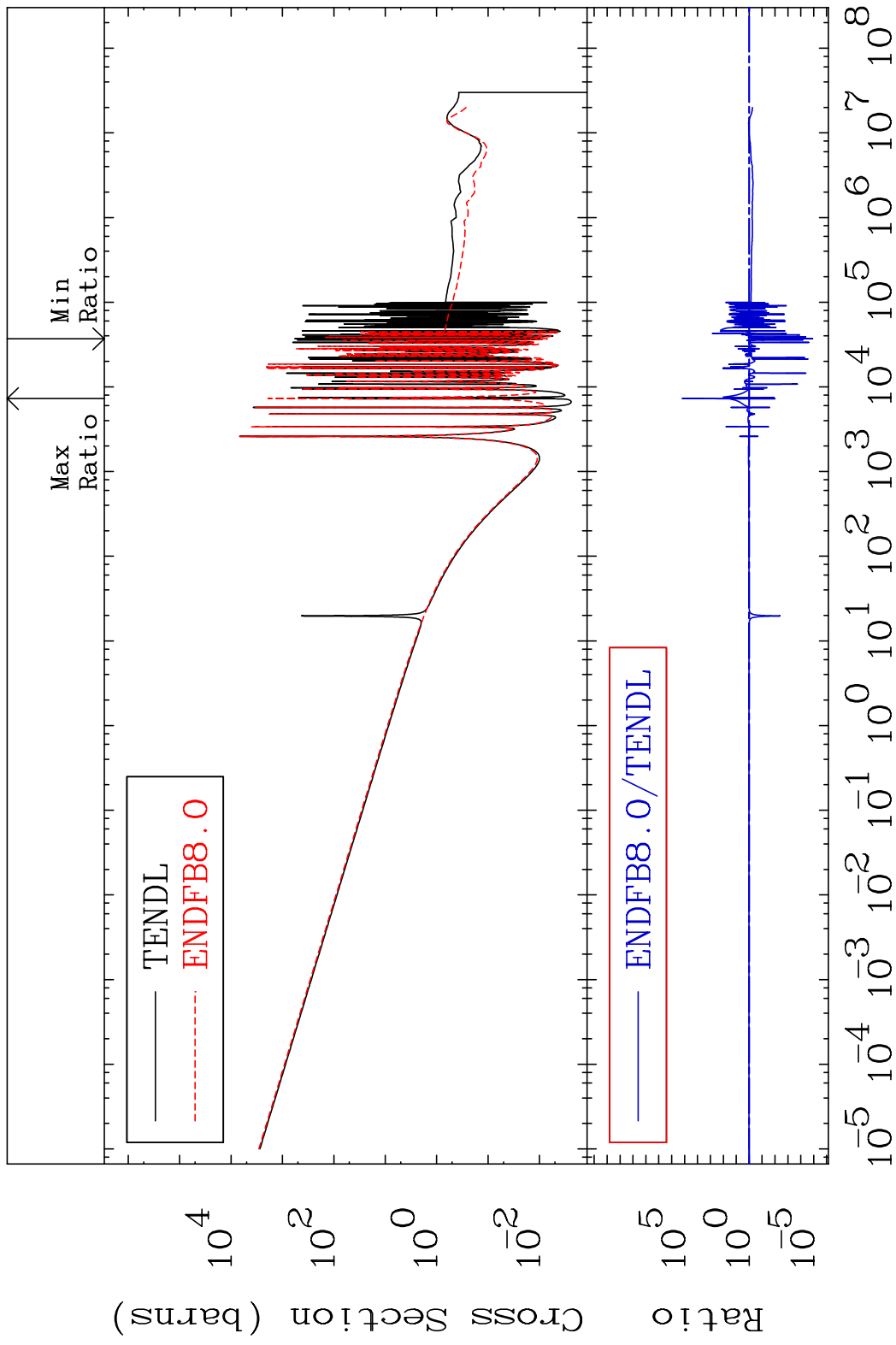
MAT 3925 Kerma inelastic (mt51-91) 39-Y -89
 Cross Section -32.54 To 9999. %



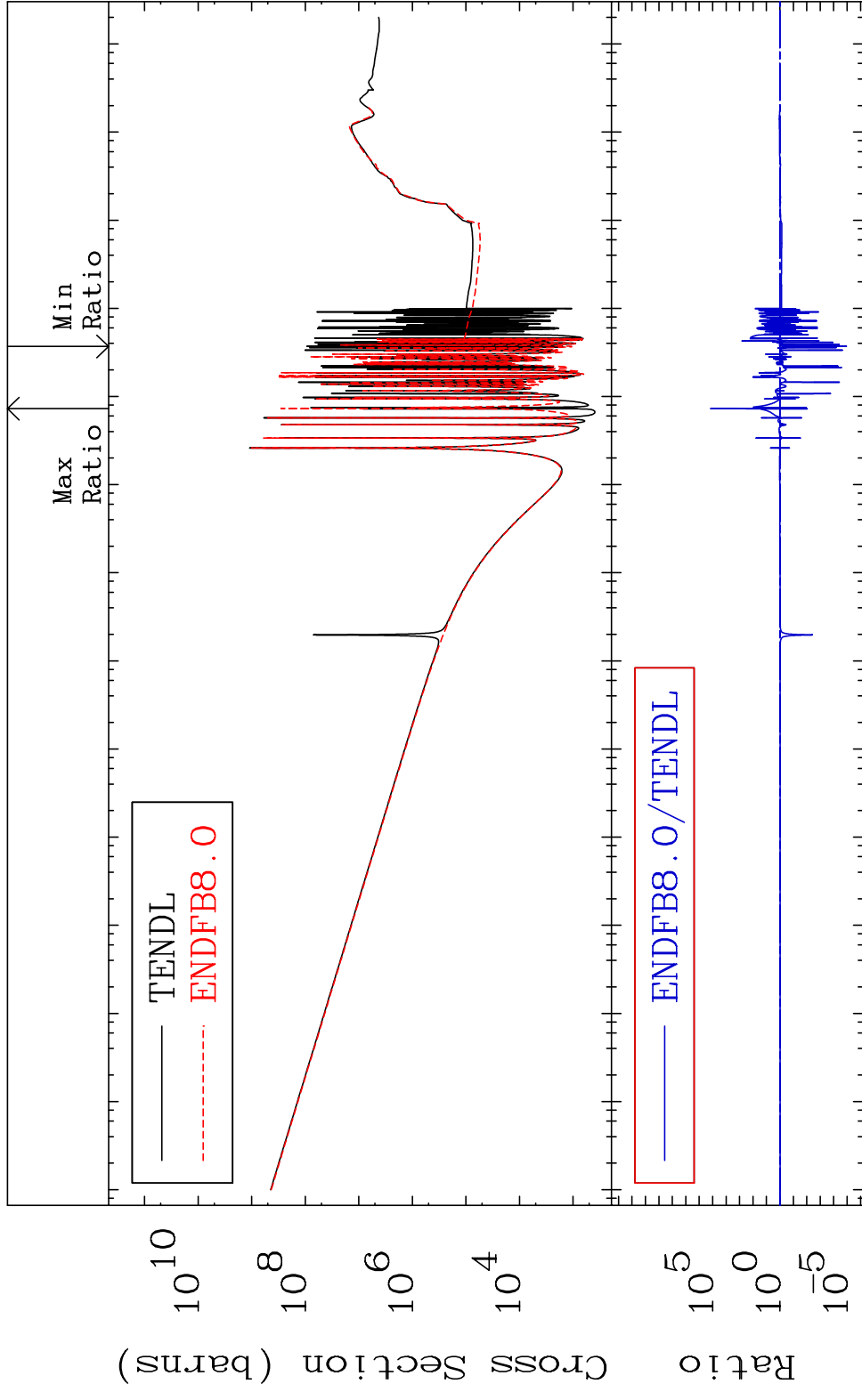
MAT 3925 Kerma fission (mt18 or mt19-20-21-38) 39-Y -89
 Cross Section -32.54 To 9999. %



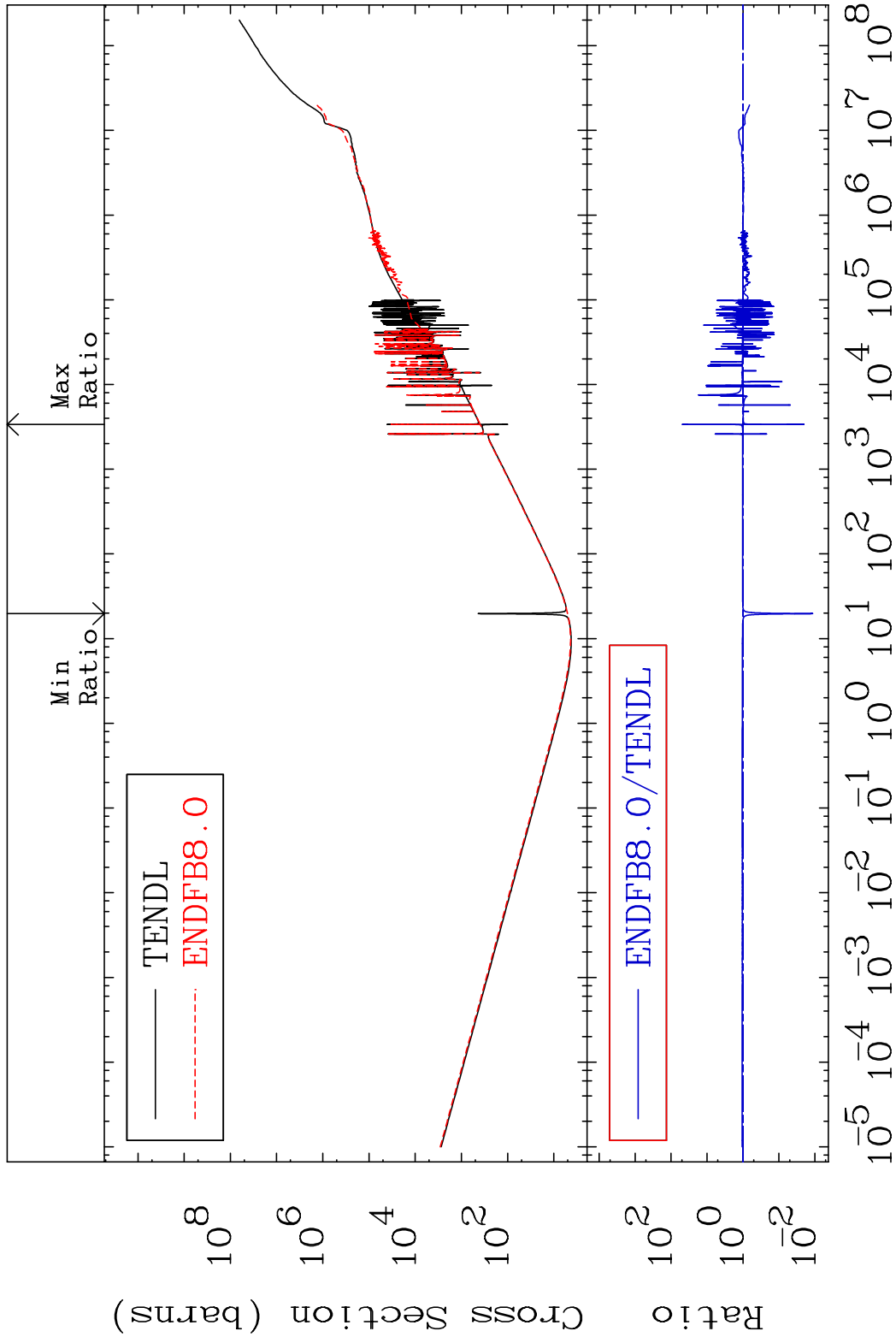
MAT 3925 Kerma capture (mt102) 39-Y -89
 Cross Section -100.0 To 9999. %



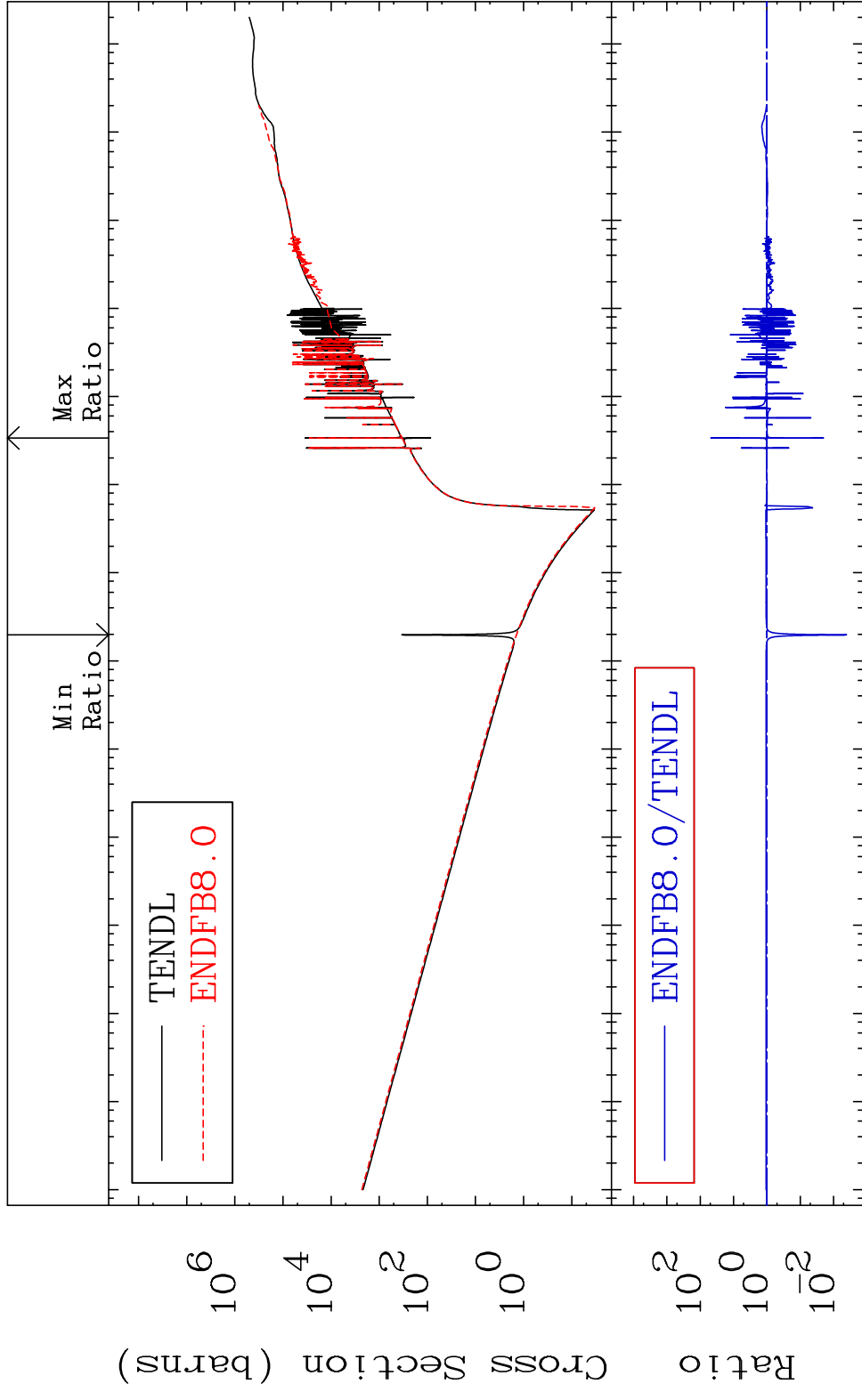
MAT 3925 Total photon (eV-barns) 39-Y -89
 Cross Section -100.0 To 9999. %



MAT 3925 Total kinematic kerma (high limit) 39-Y -89
 Cross Section -98.85 To 4757. %



MAT 3925 Dpa total (eV-barns) 39-Y -89
 Cross Section -99.59 To 4751. %

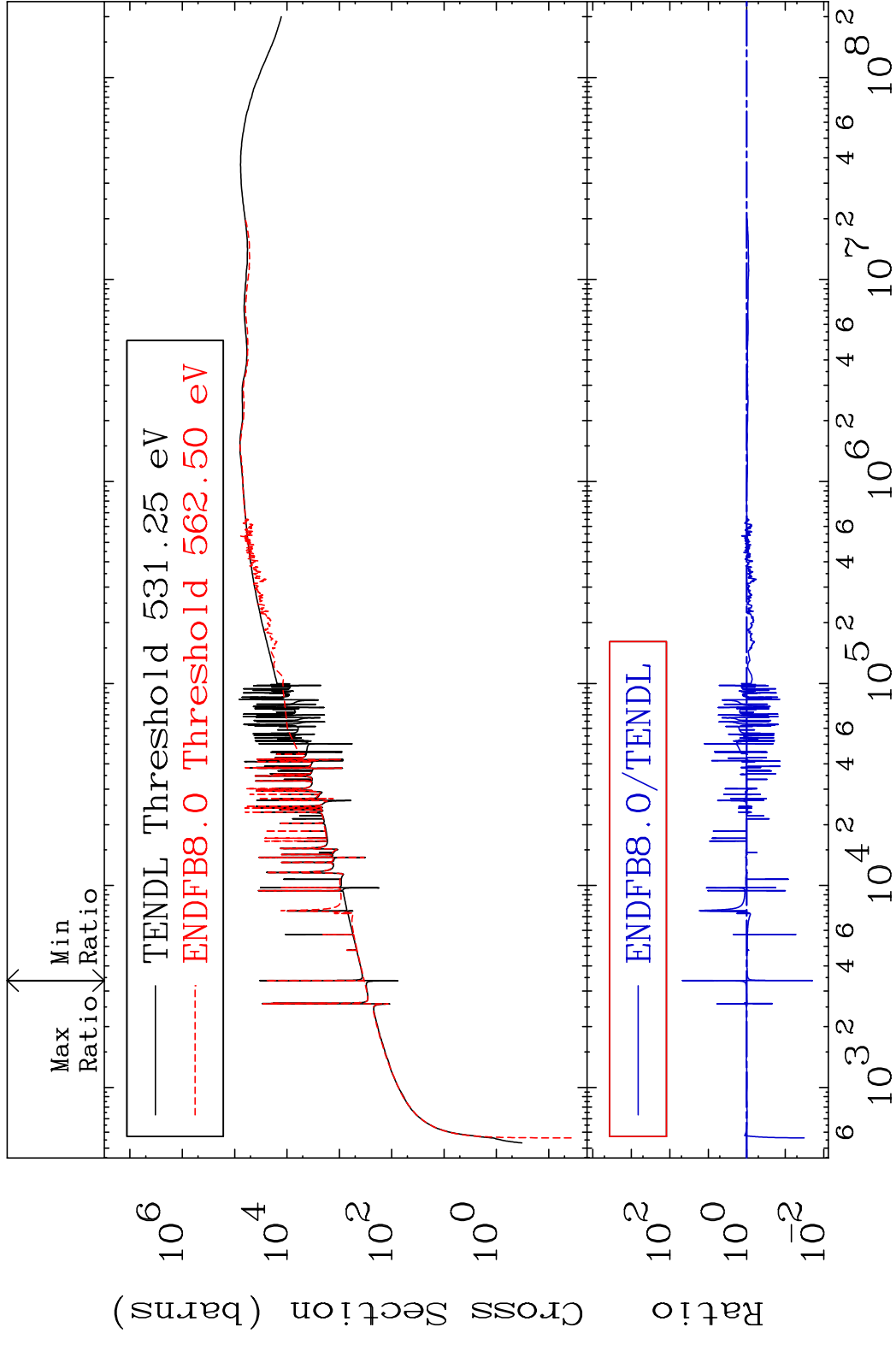


MAT 3925

Dpa elastic (mt2)

39-Y -89

Cross Section -98.04 To 4620. %

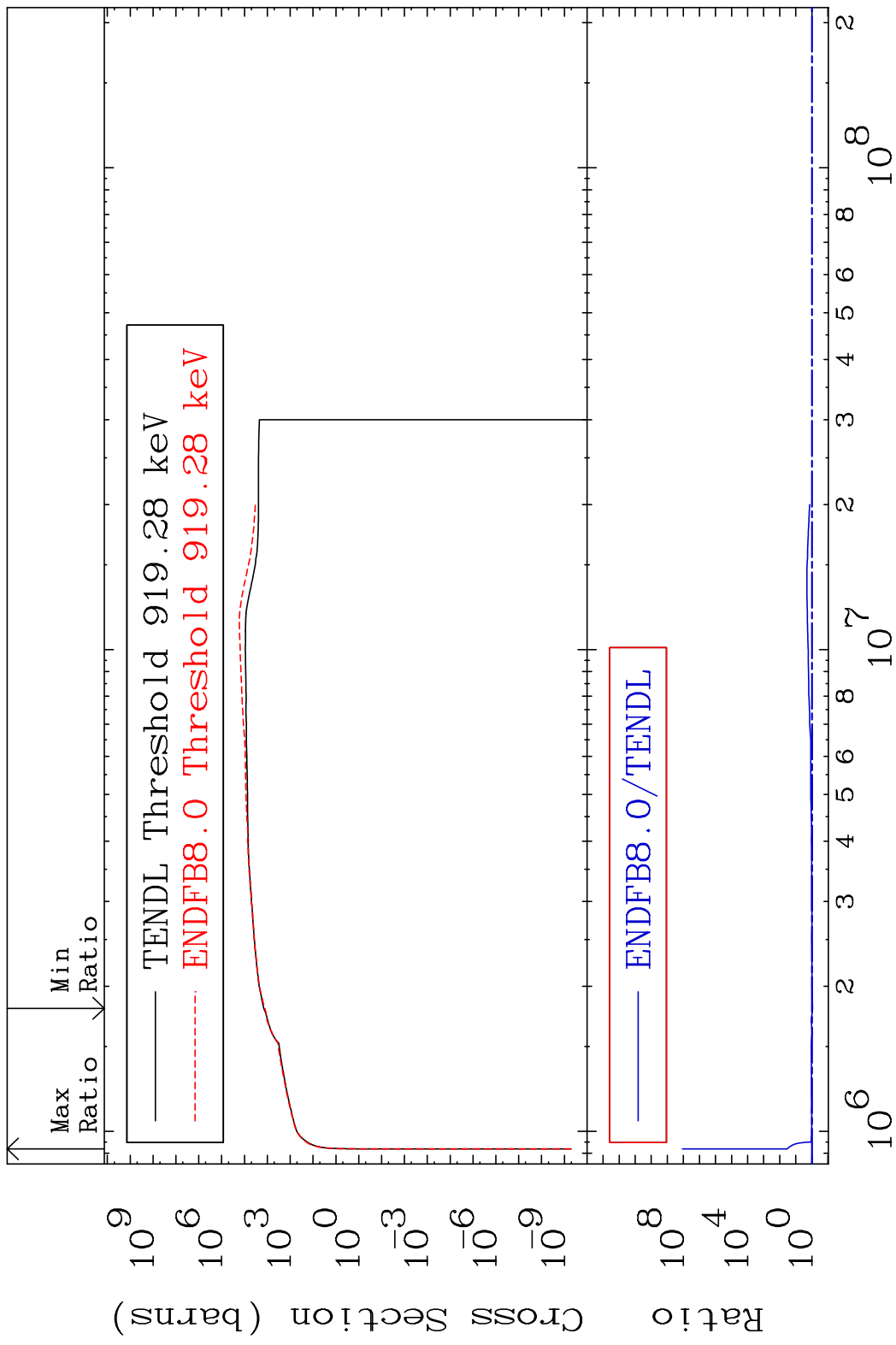


38

Incident Energy (eV)

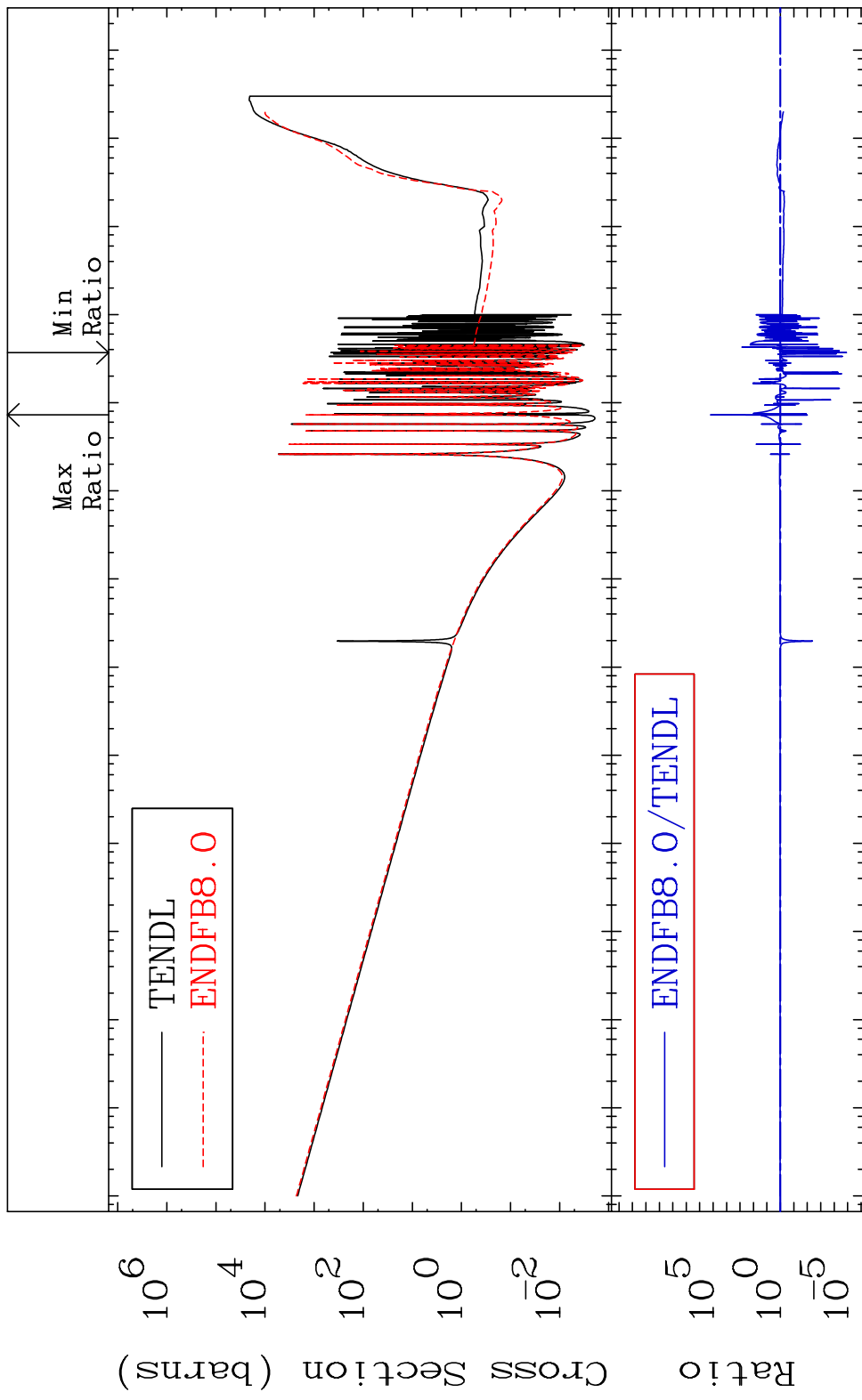
39-Y -89

MAT 3925 Dpa inelastic (mt51-91) 39-Y -89
 Cross Section -9.750 To 9999. %



39 Incident Energy (eV) 39-Y -89

MAT 3925 Dpa disappearance (mt102 -120) 39-Y -89
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 39-Y -89

