

Program Complot
(Version 2021-1)

by

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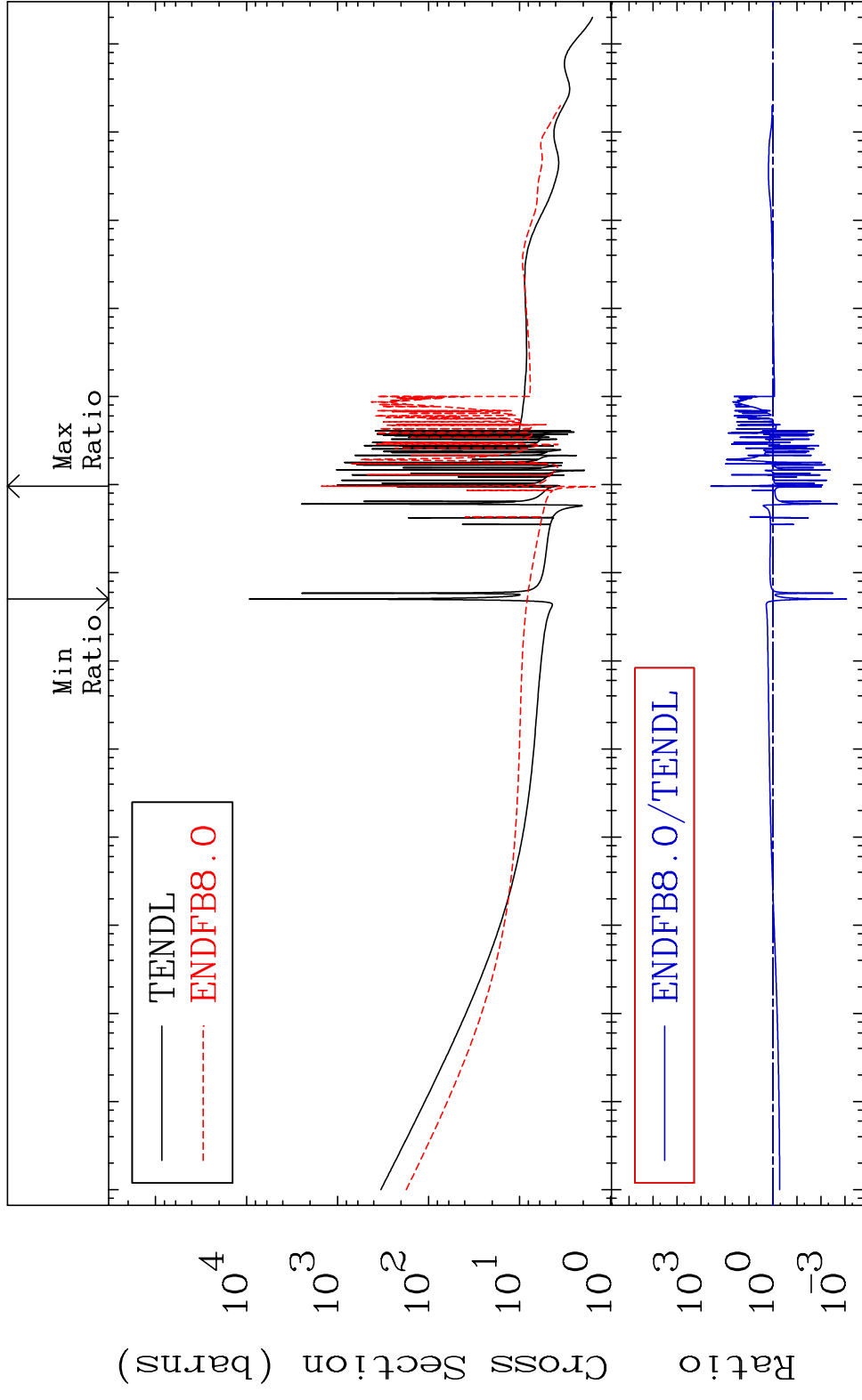
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

Total Cross Section -99.91 To 9999. %

39-Y -90



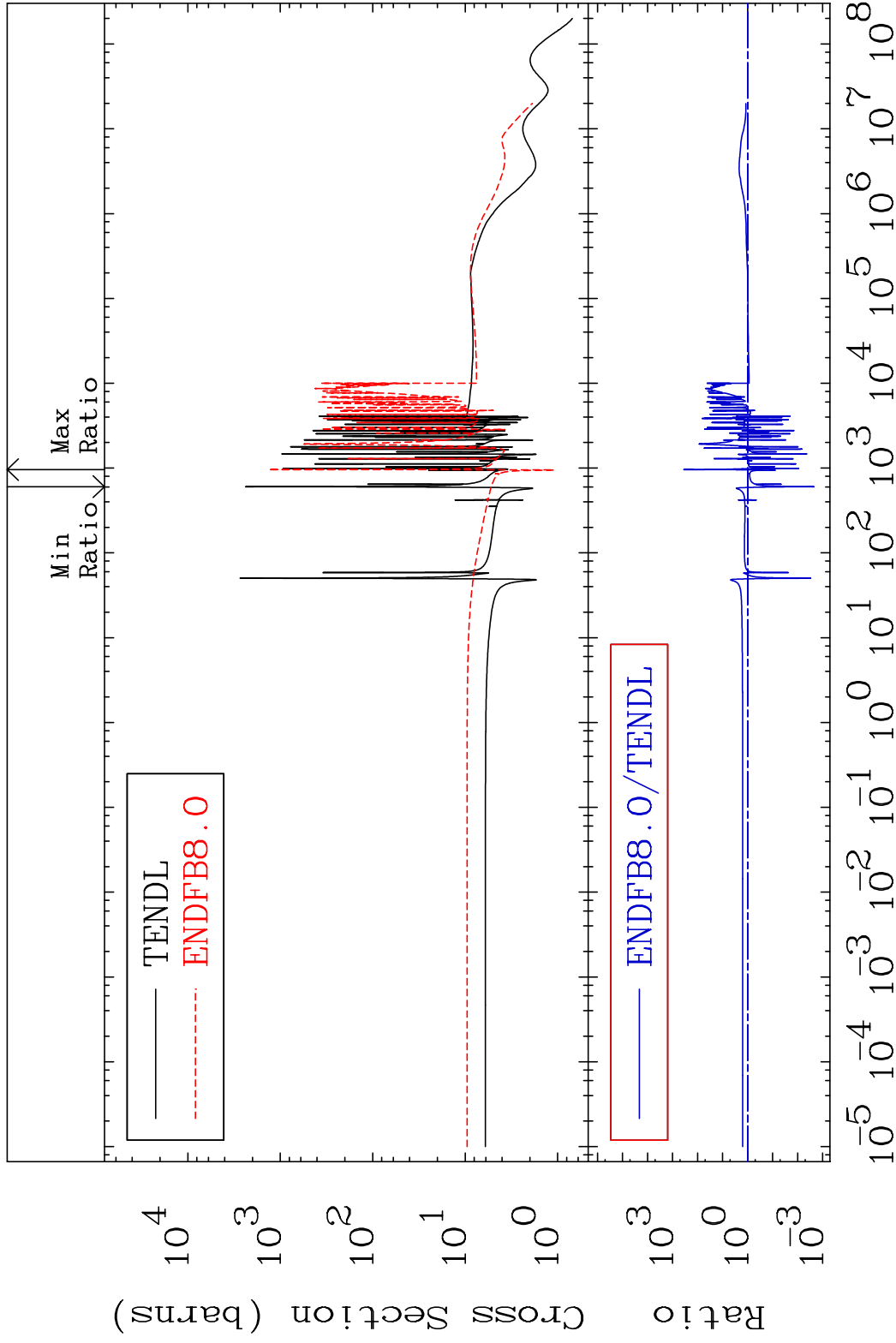
1 Incident Energy (eV) 39-Y -90

MAT 3928

Elastic

39-Y -90

Cross Section -99.78 To 9999. %

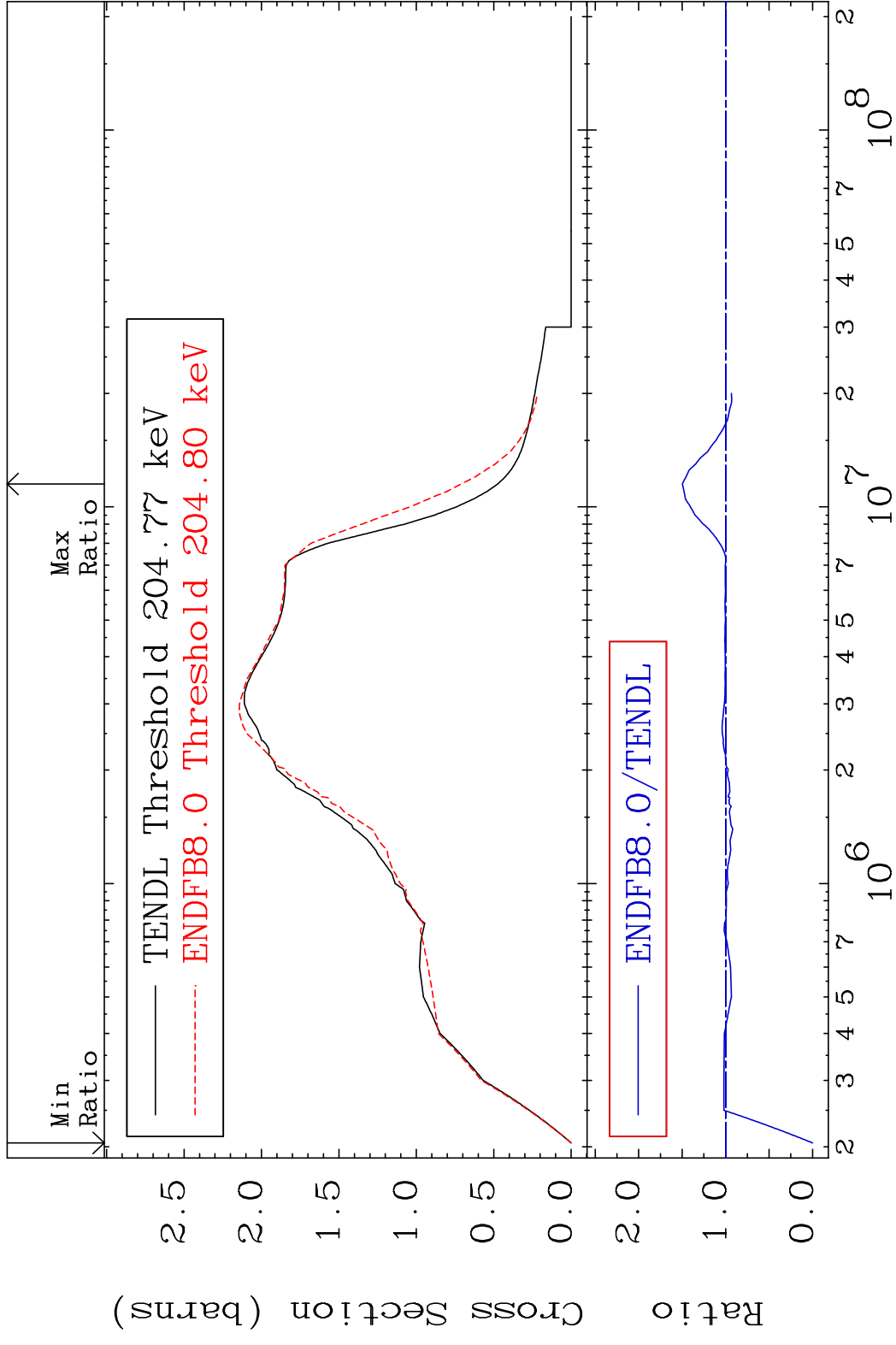


2

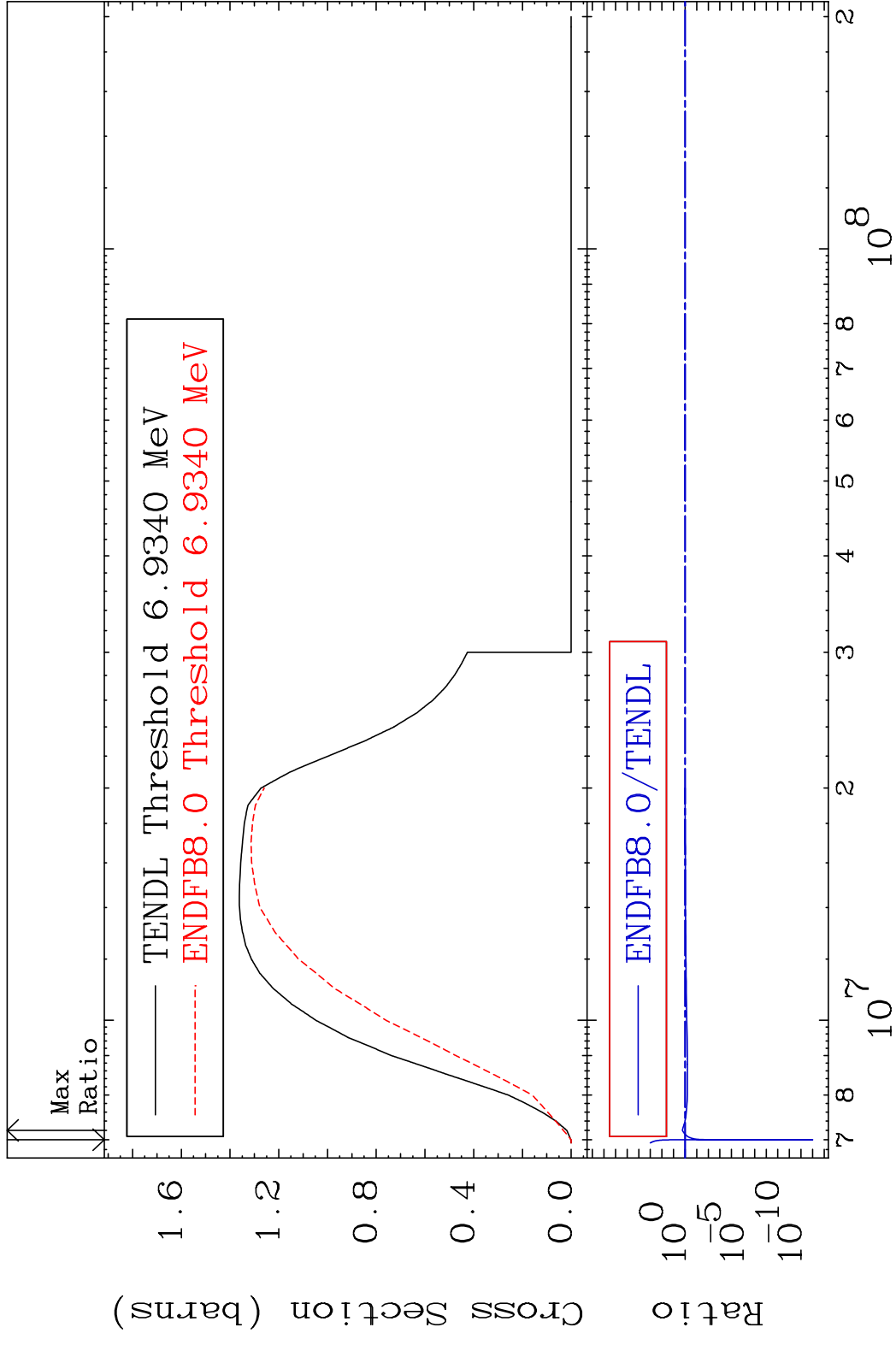
Incident Energy (eV)

39-Y -90

MAT 3928 Inelastic Cross Section -100.0 To 49.76 % 39-Y -90



MAT 3928 (n,2n) 39-Y -90
 Cross Section -100.0 To 72.70 %



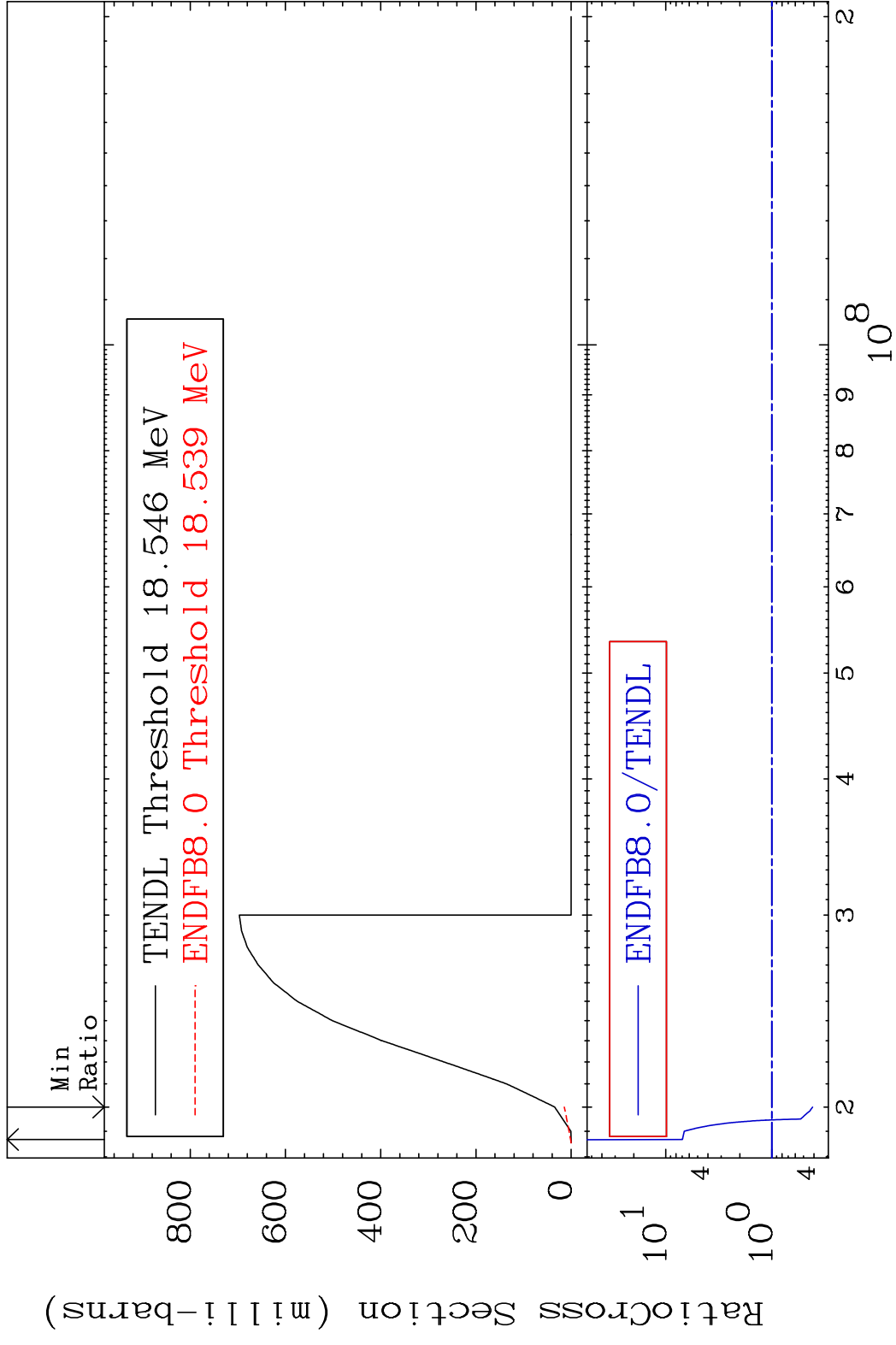
4 Incident Energy (eV) 39-Y -90

MAT 3928

(n,3n)

39-Y -90

Cross Section -58.85 To 597.2 %



5

Incident Energy (eV)

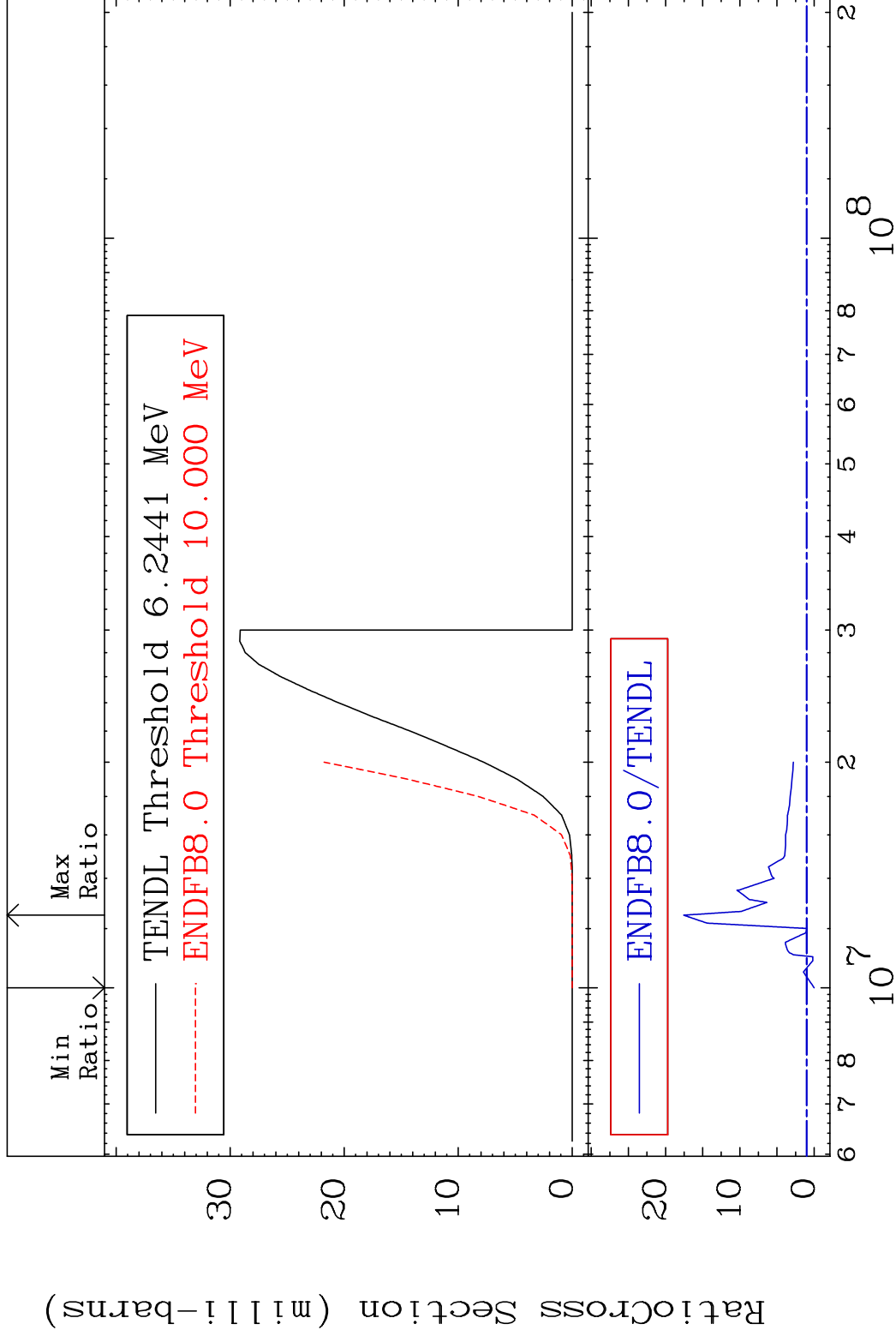
39-Y -90

MAT 3928

(n, n') α

39-Y -90

Cross Section -100.0 To 1656. %

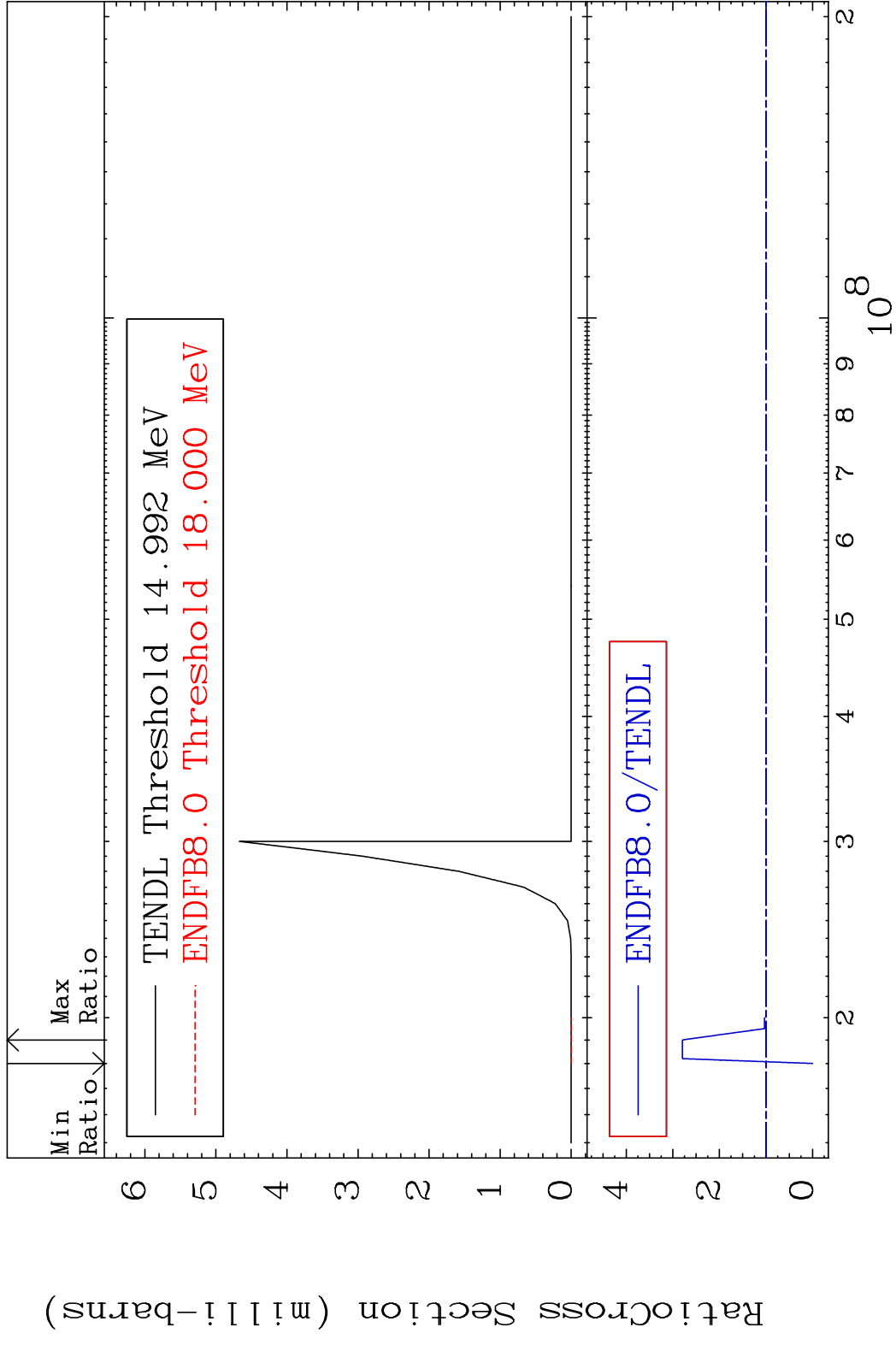


6

Incident Energy (eV)

39-Y -90

MAT 3928 (n,2n) α 39-Y -90
 Cross Section -100.0 To 179.6 %

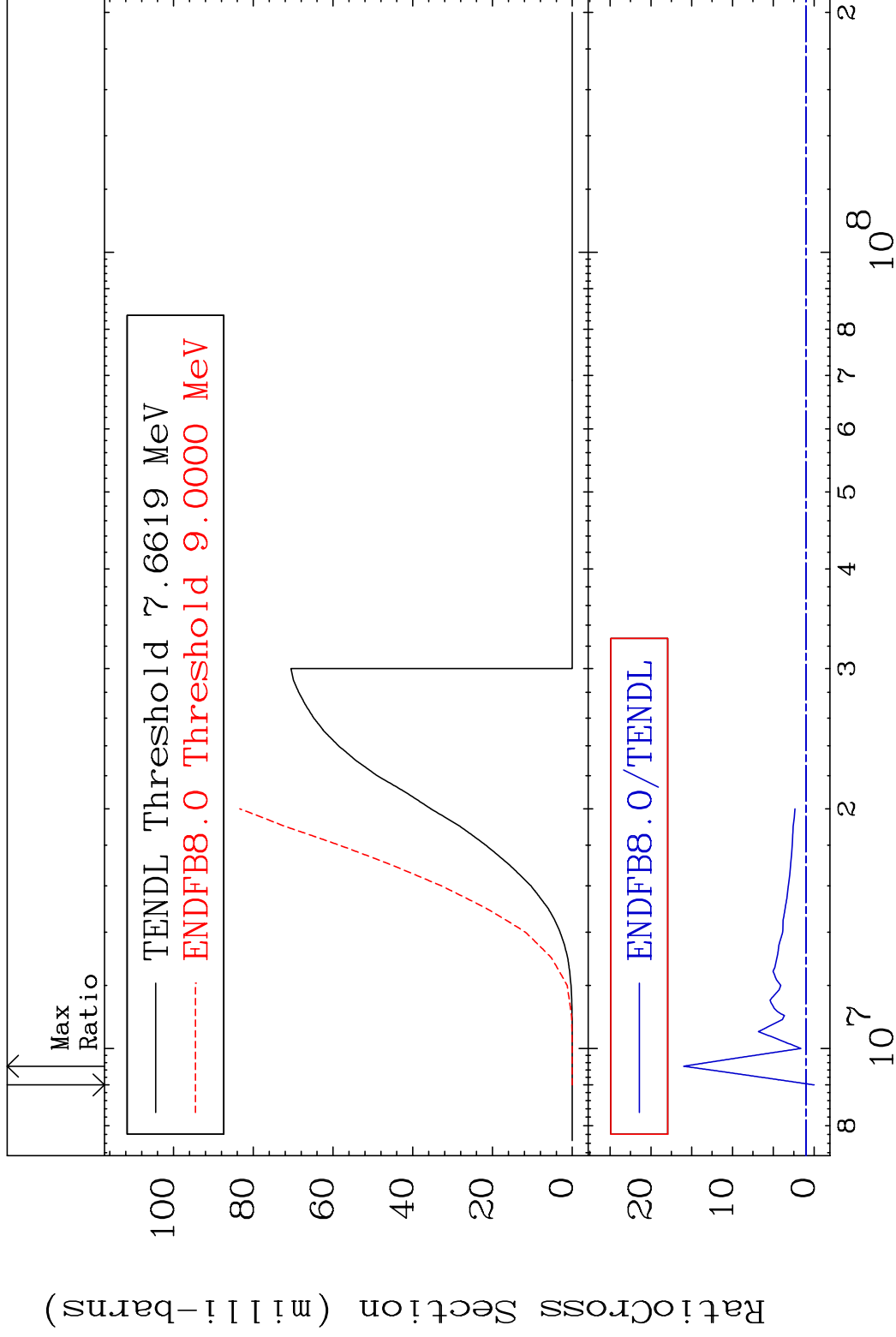


MAT 3928

(n, n') p

39-Y -90

Cross Section -100.0 To 1499. %

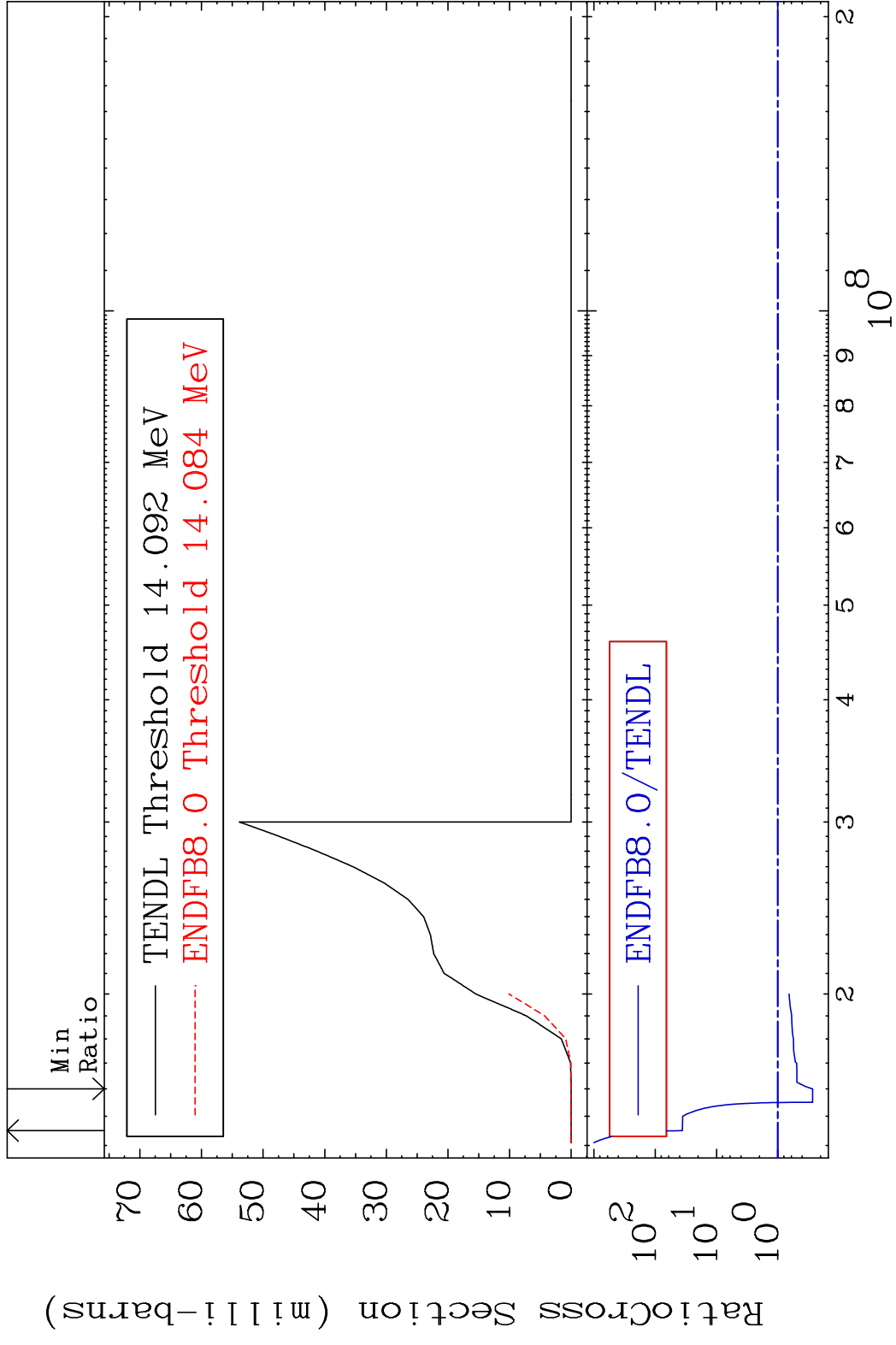


8

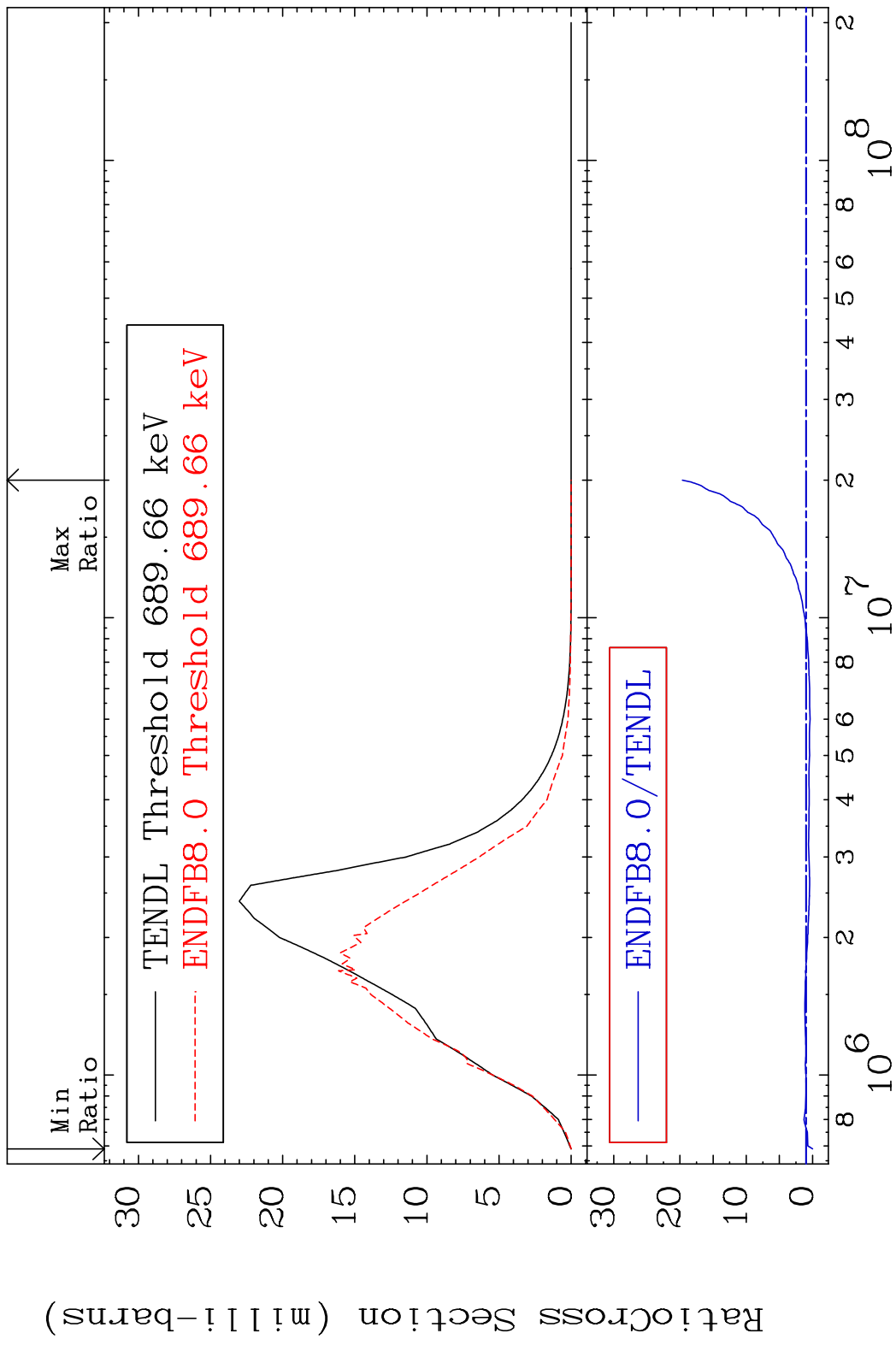
Incident Energy (eV)

39-Y -90

MAT 3928 (n,2n) p 39-Y -90
 Cross Section -72.88 To 3508. %

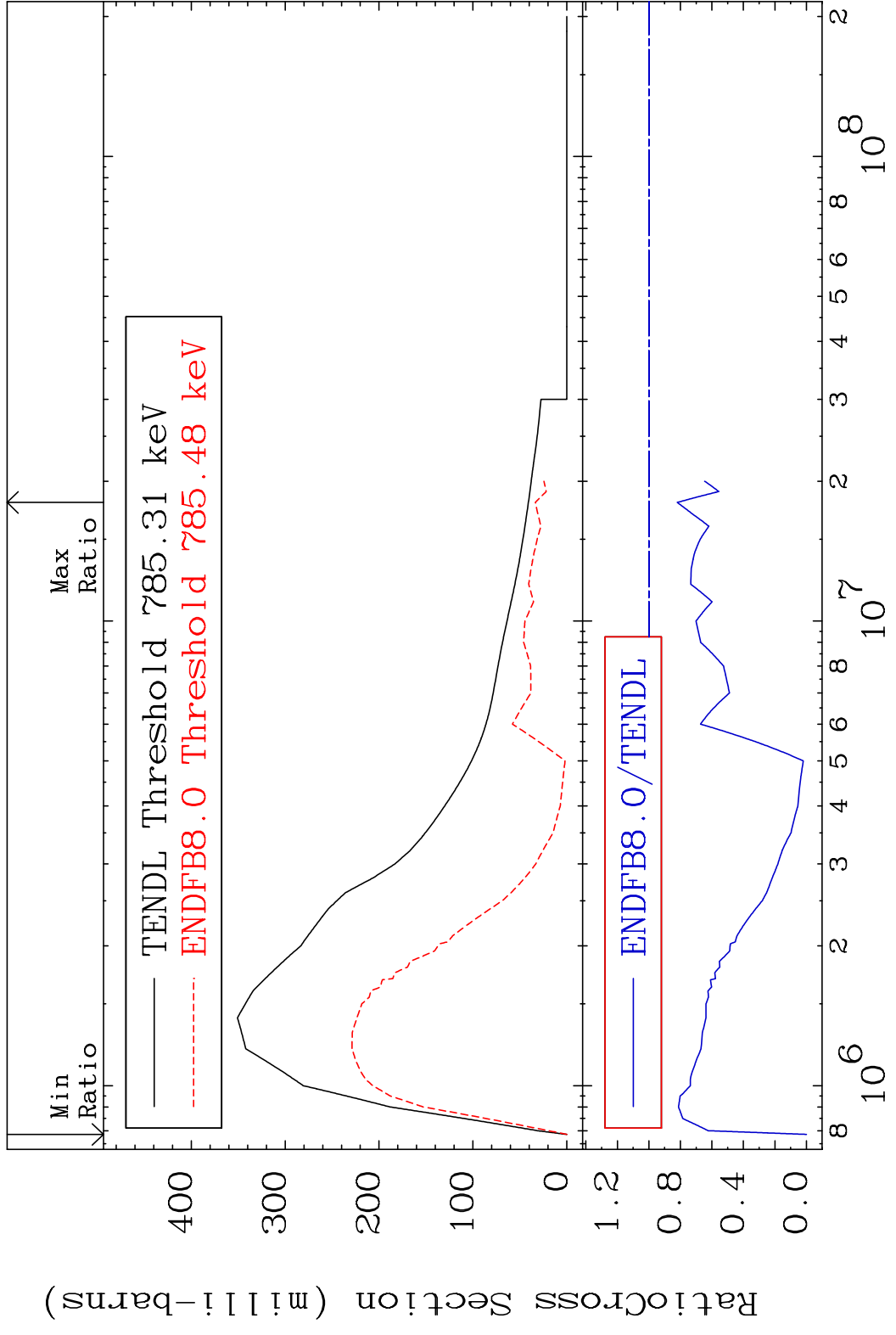


MAT 3928 MT= 52 (n, n') Level 39-Y -90
 Cross Section -100.0 To 1864. %

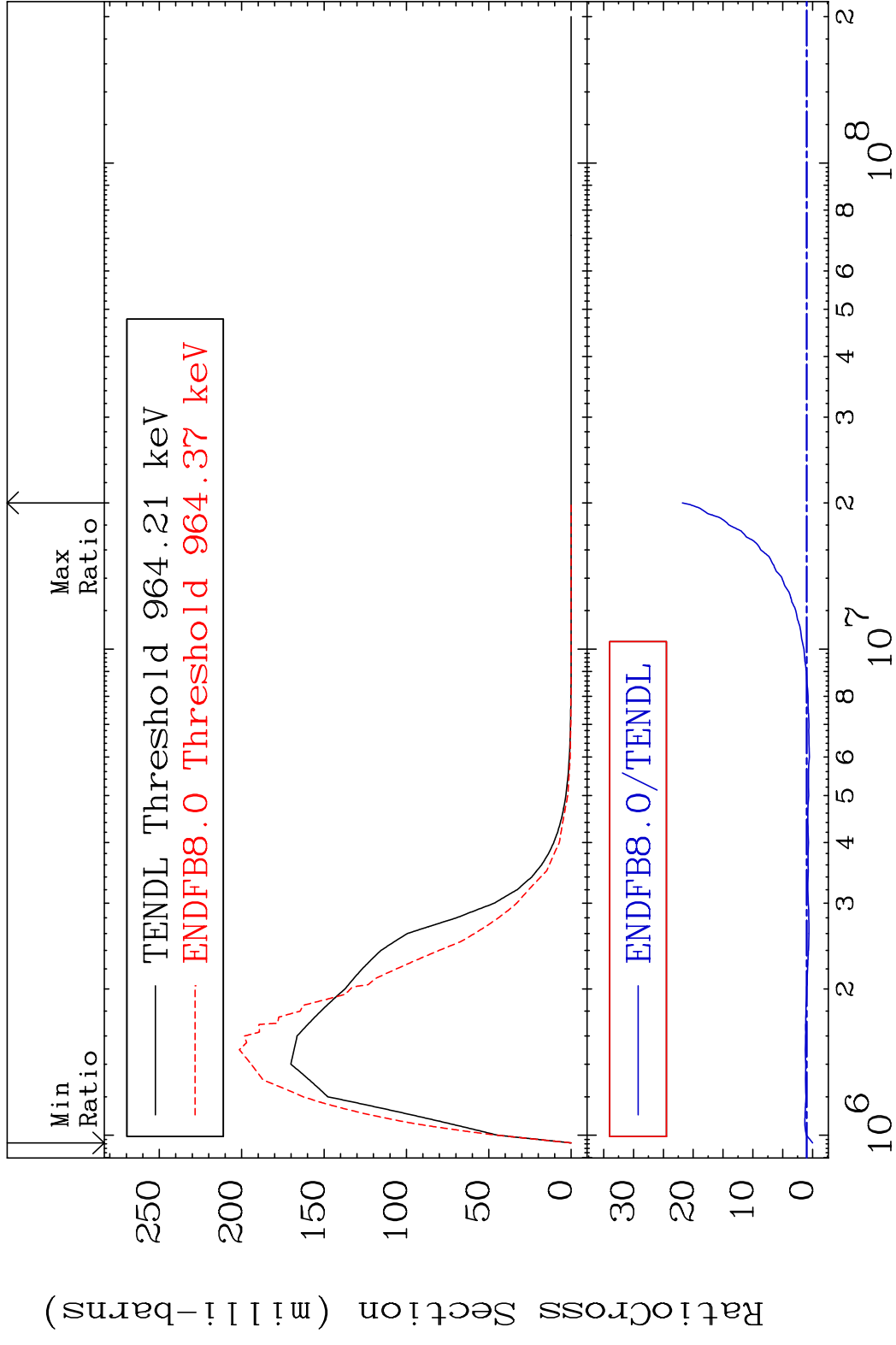


11 Incident Energy (eV) 39-Y -90

MAT 3928 MT= 53 (n, n') Level 39-Y -90
 Cross Section -100.0 To -17.96%

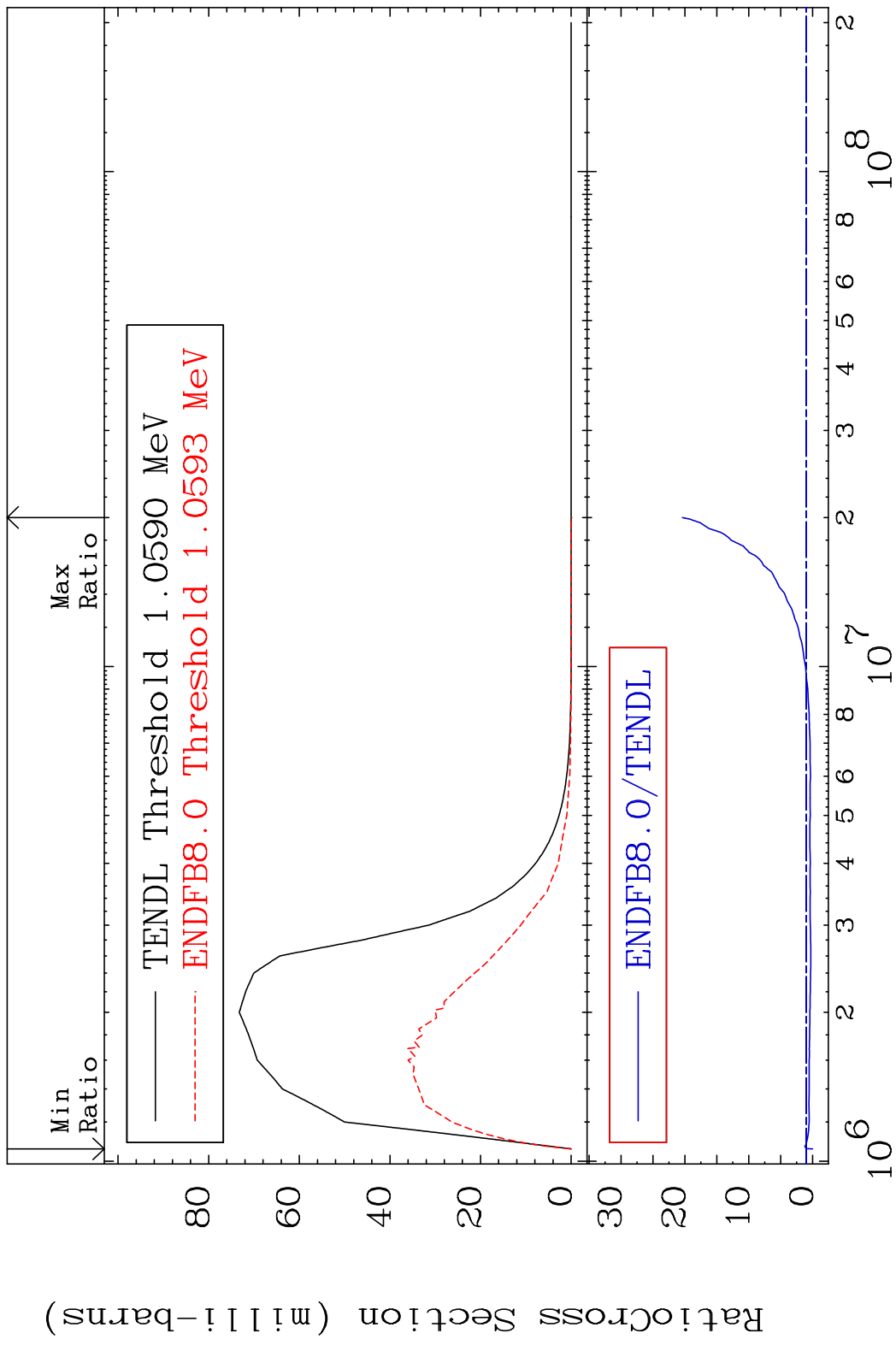


MAT 3928 MT= 54 (n, n') Level 39-Y -90
 Cross Section -100.0 To 2082. %



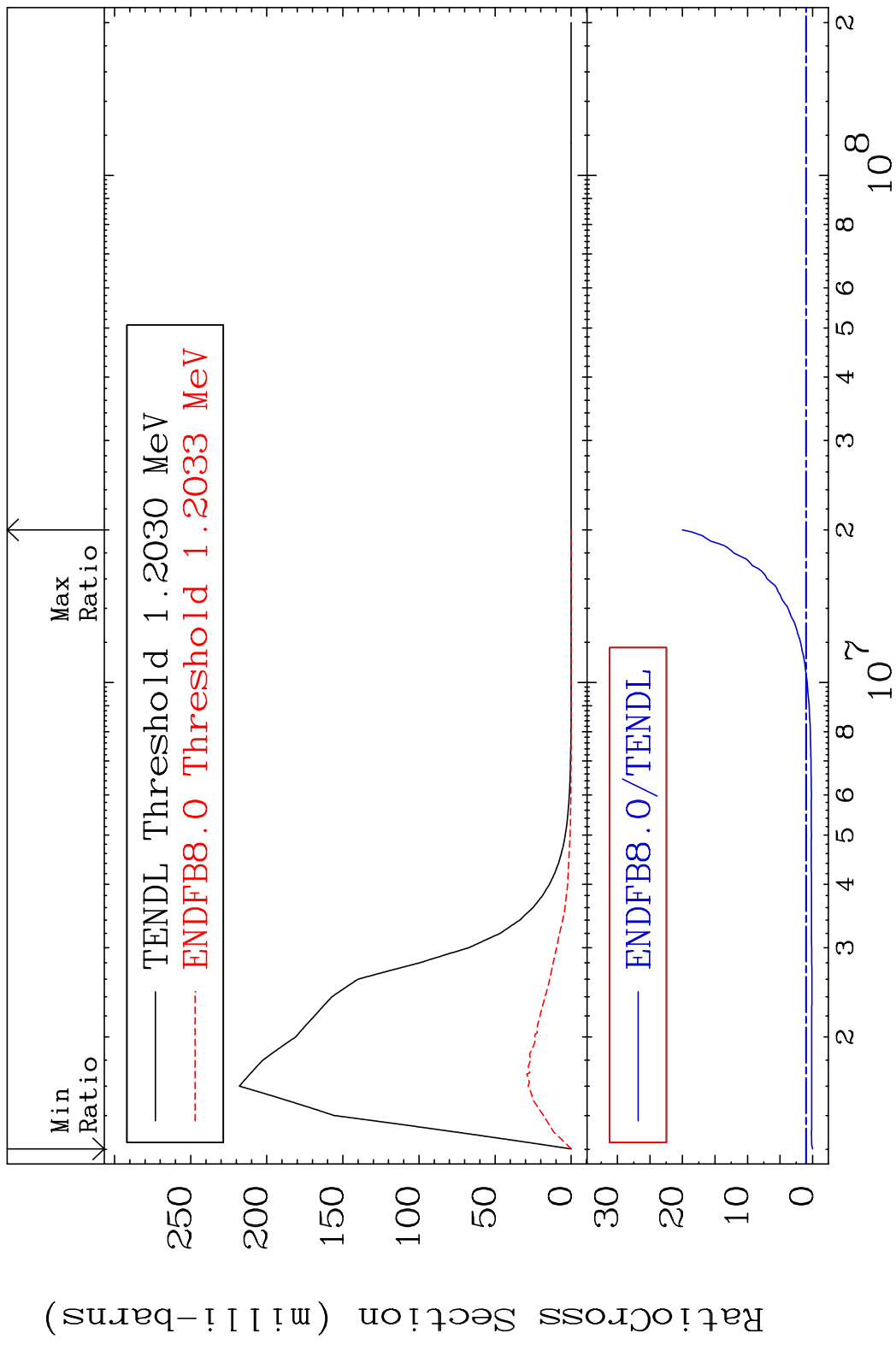
13 Incident Energy (eV) 39-Y -90

MAT 3928 MT= 55 (n, n') Level 39-Y -90
 Cross Section -100.0 To 1939. %

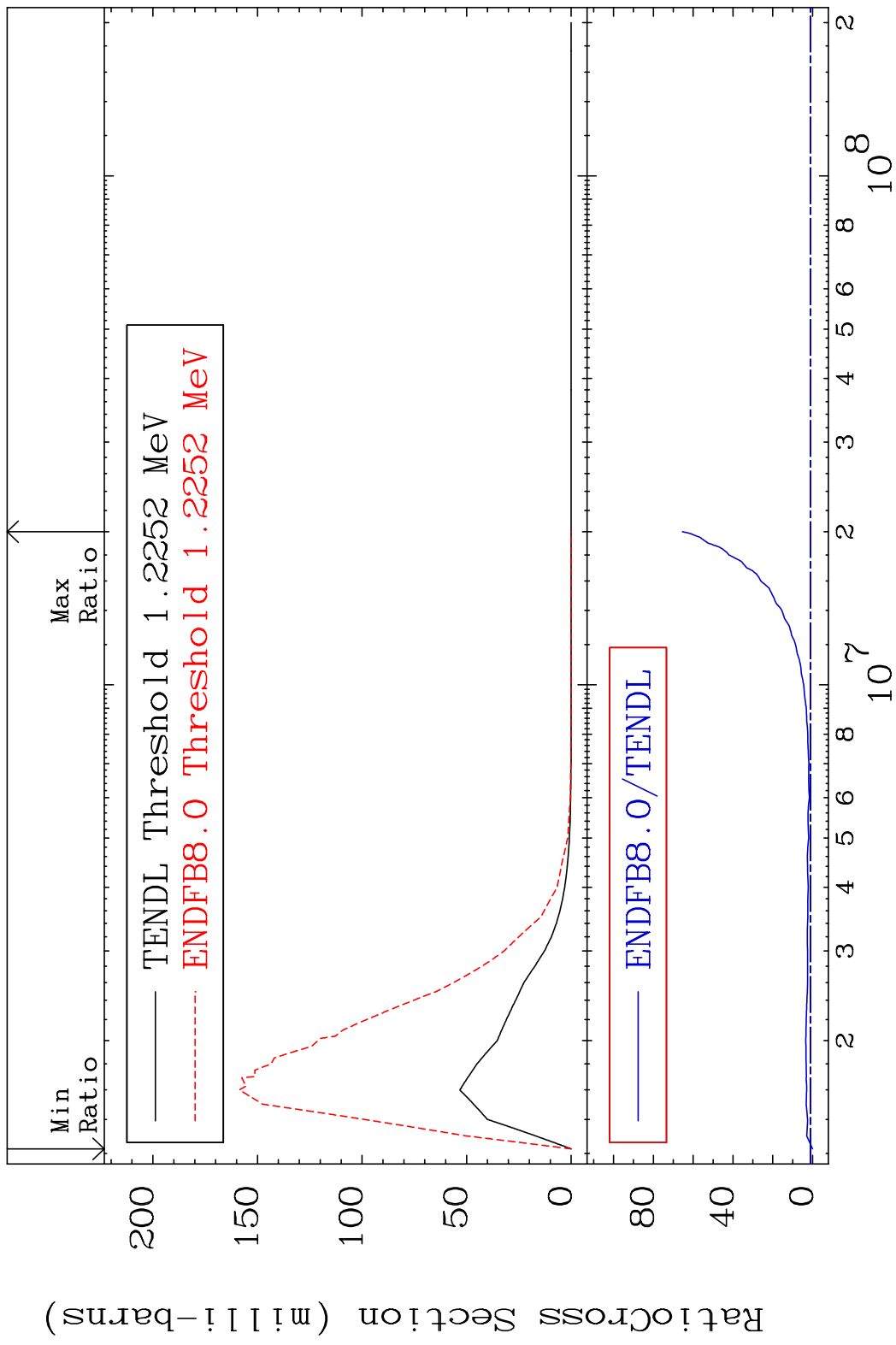


14 Incident Energy (eV) 39-Y -90

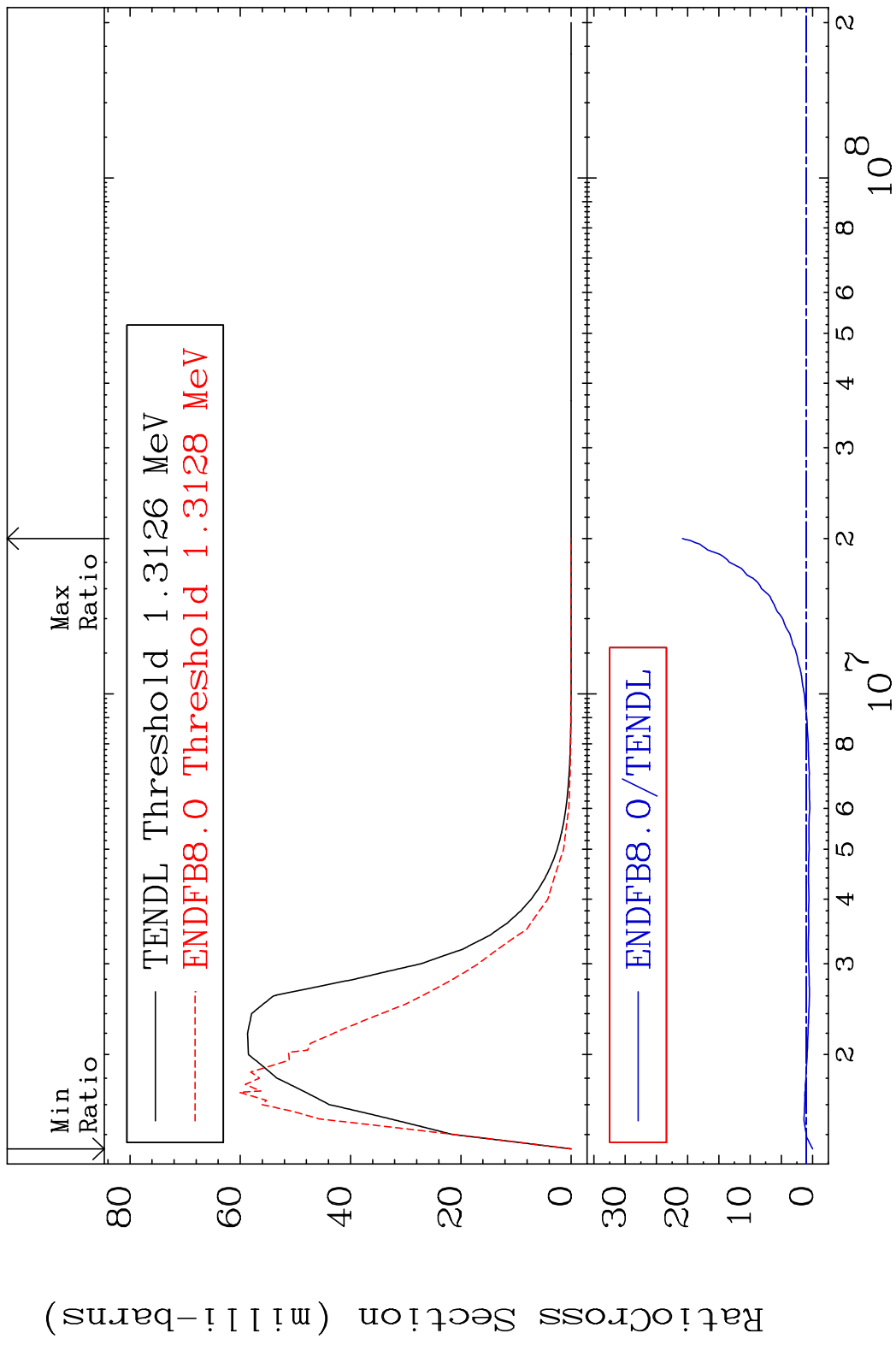
MAT 3928 MT= 56 (n, n') Level 39-Y -90
 Cross Section -100.0 To 1902. %



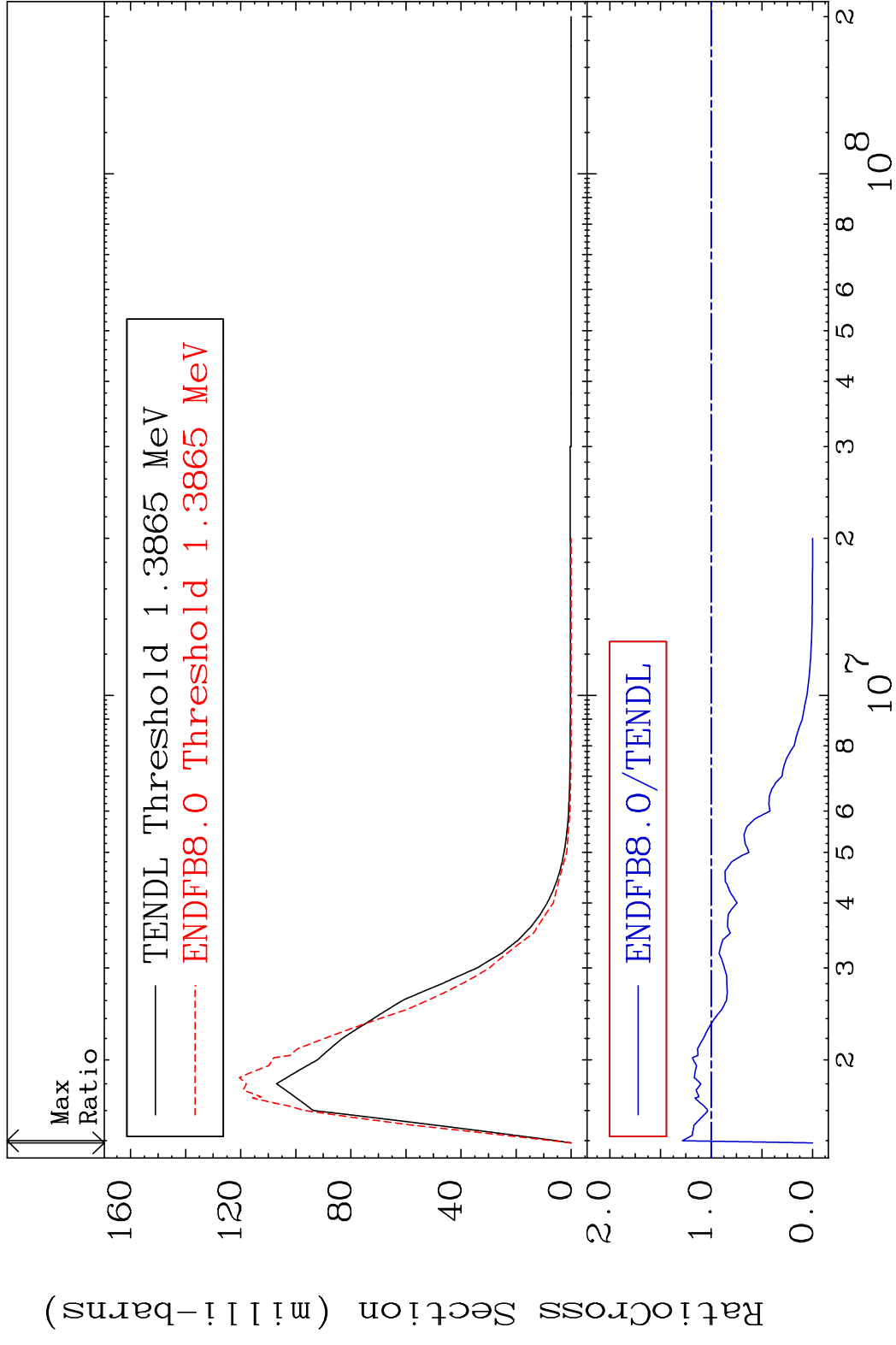
MAT 3928 MT= 57 (n, n') Level 39-Y -90
 Cross Section -100.0 To 6443. %



MAT 3928 MT= 58 (n, n') Level 39-Y -90
 Cross Section -100.0 To 1985. %



MAT 3928 MT= 59 (n,n') Level 39-Y -90
 Cross Section -100.0 To 28.46 %

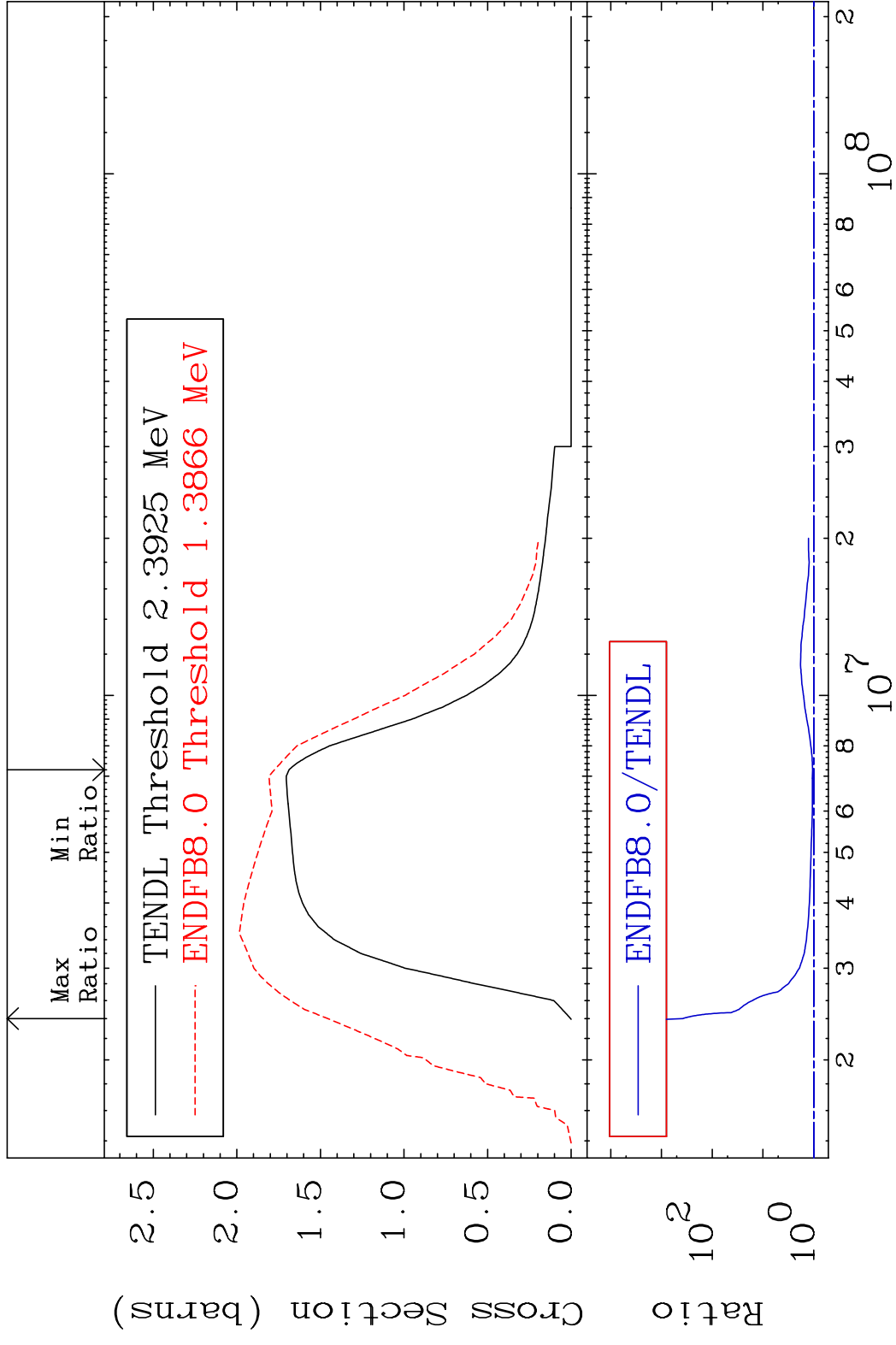


MAT 3928

(n,n') Continuum

39-Y -90

Cross Section 5.133 To 9999. %



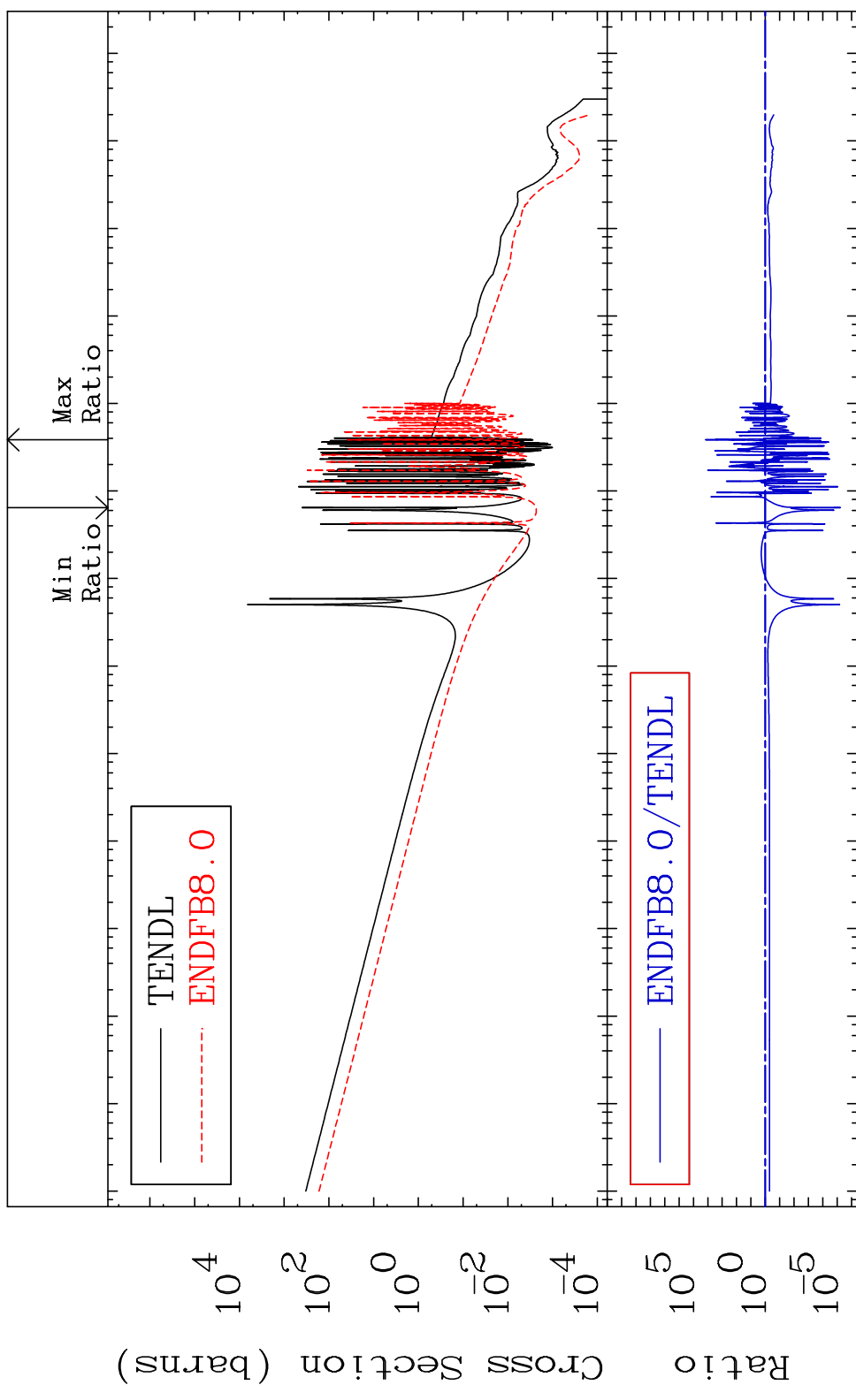
19

Incident Energy (eV)

39-Y -90

MAT 3928

(n, γ)
Cross Section -100.0 To 9999. %
39-Y -90



20

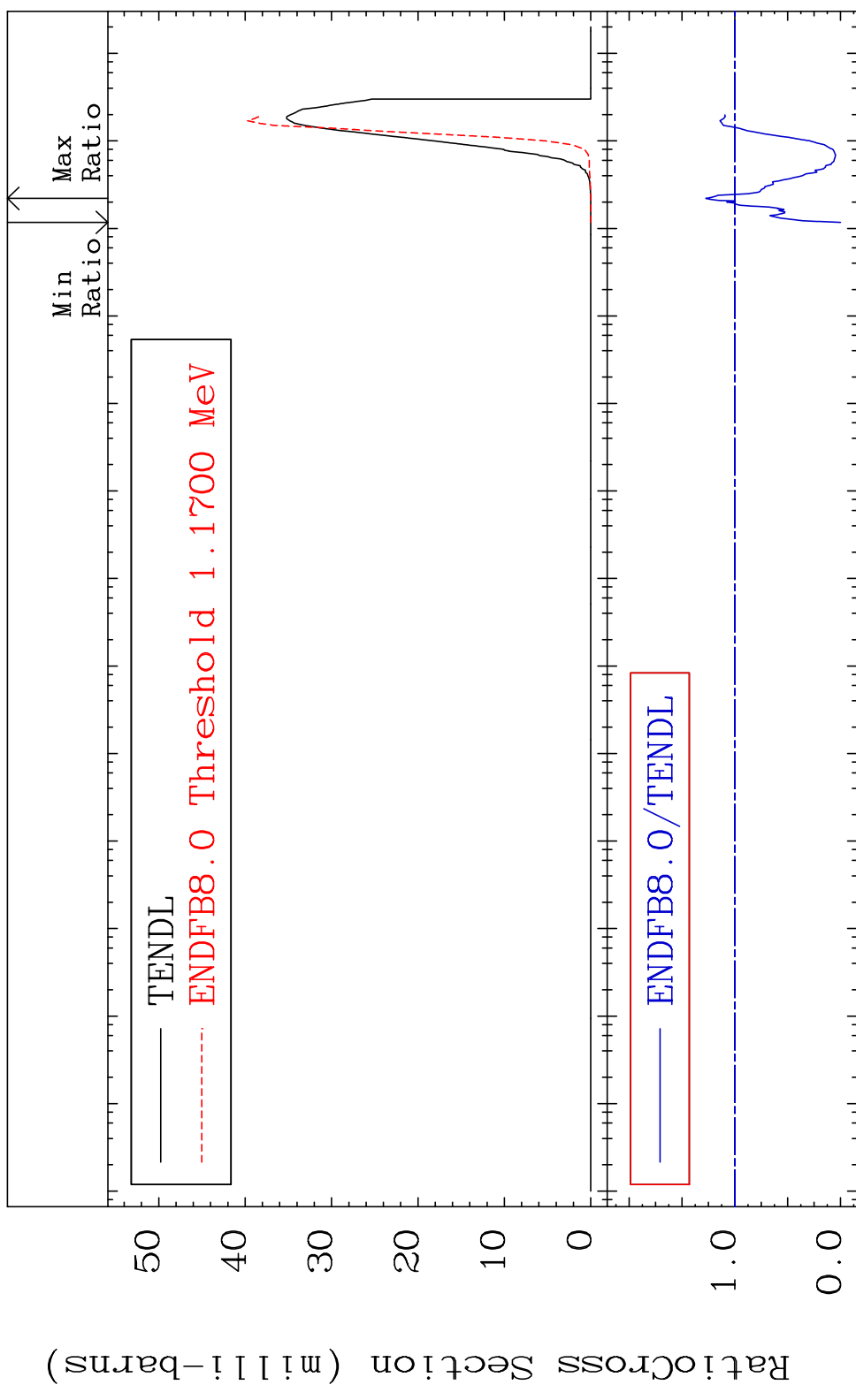
Incident Energy (eV) 39-Y -90

MAT 3928

(n,p)

39-Y -90

Cross Section -100.0 To 27.41 %



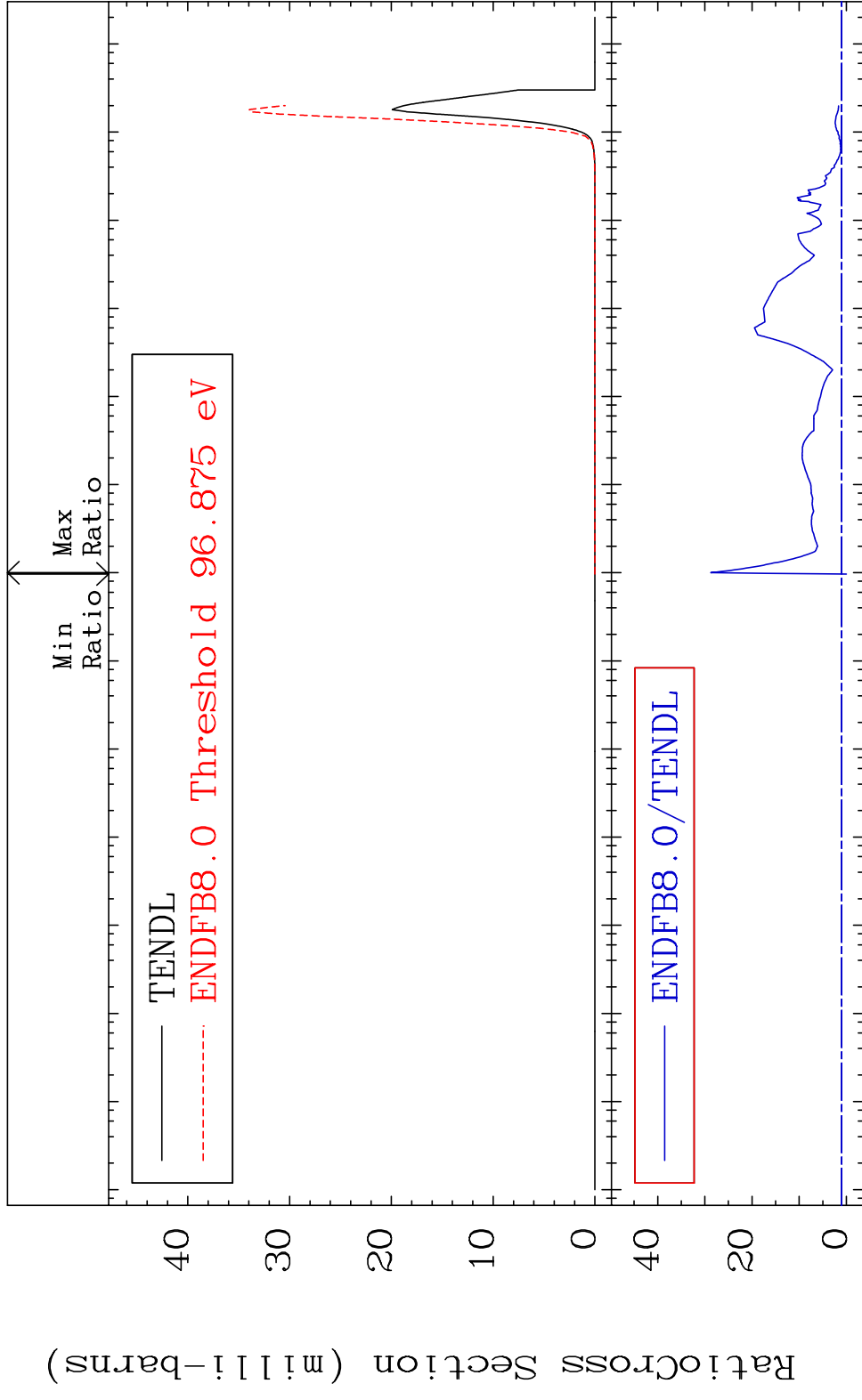
21

MAT 3928

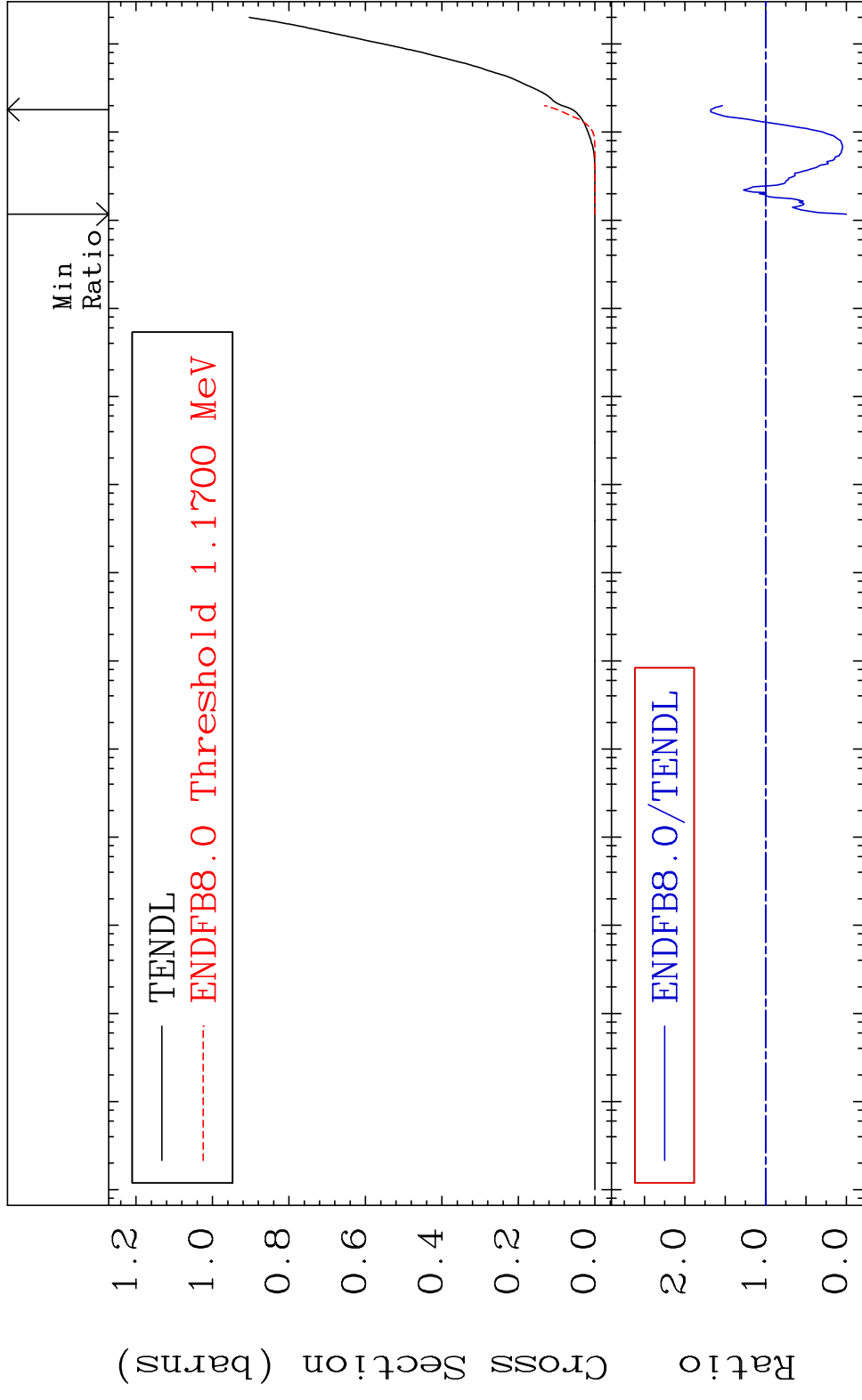
39-Y -90

(n, α)

Cross Section -100.0 To 2776. %



MAT 3928 Hydrogen Production 39-Y -90
 Cross Section -100.0 To 67.89 %

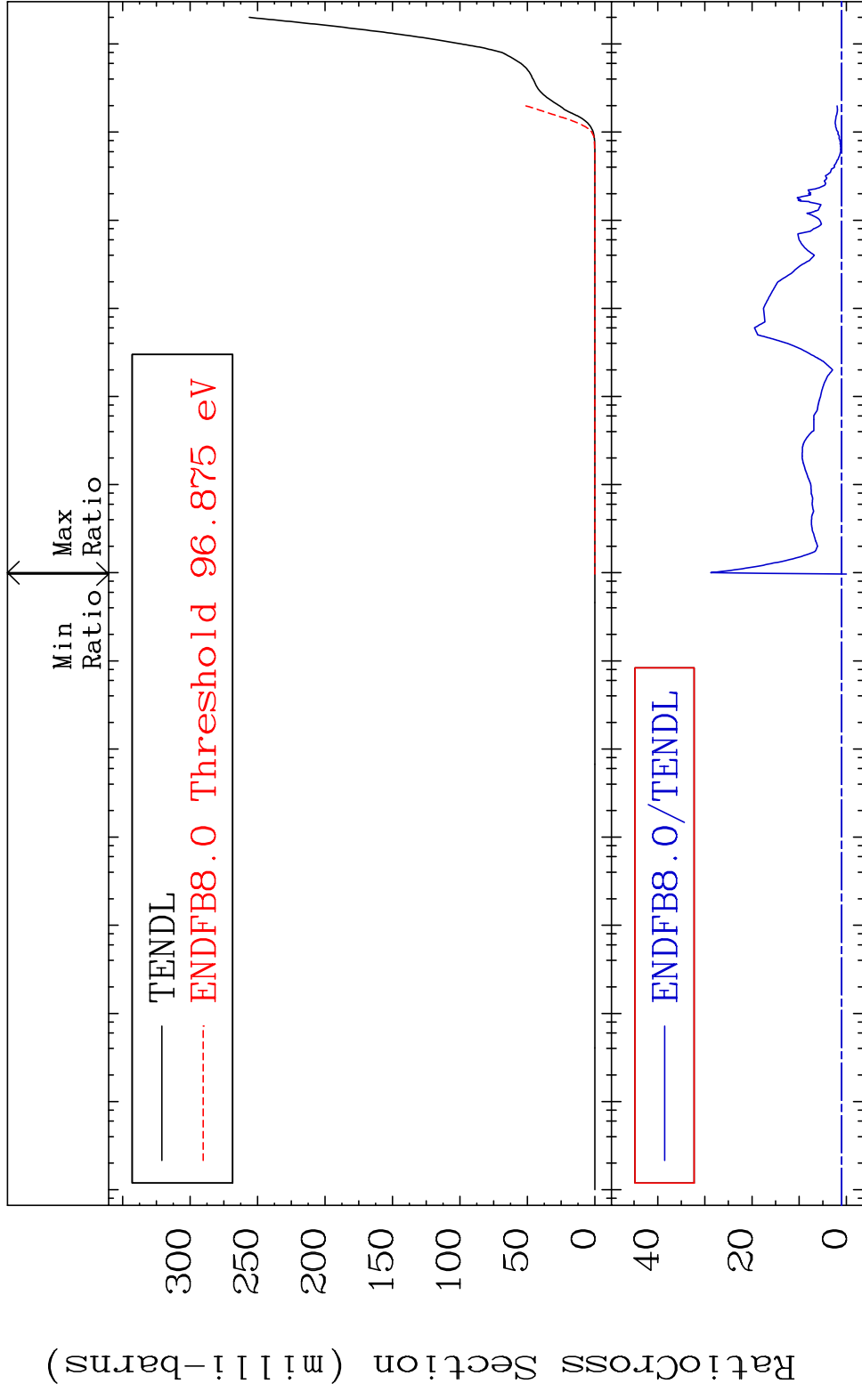


MAT 3928

He-4 Production

39-Y -90

Cross Section -100.0 To 2776. %

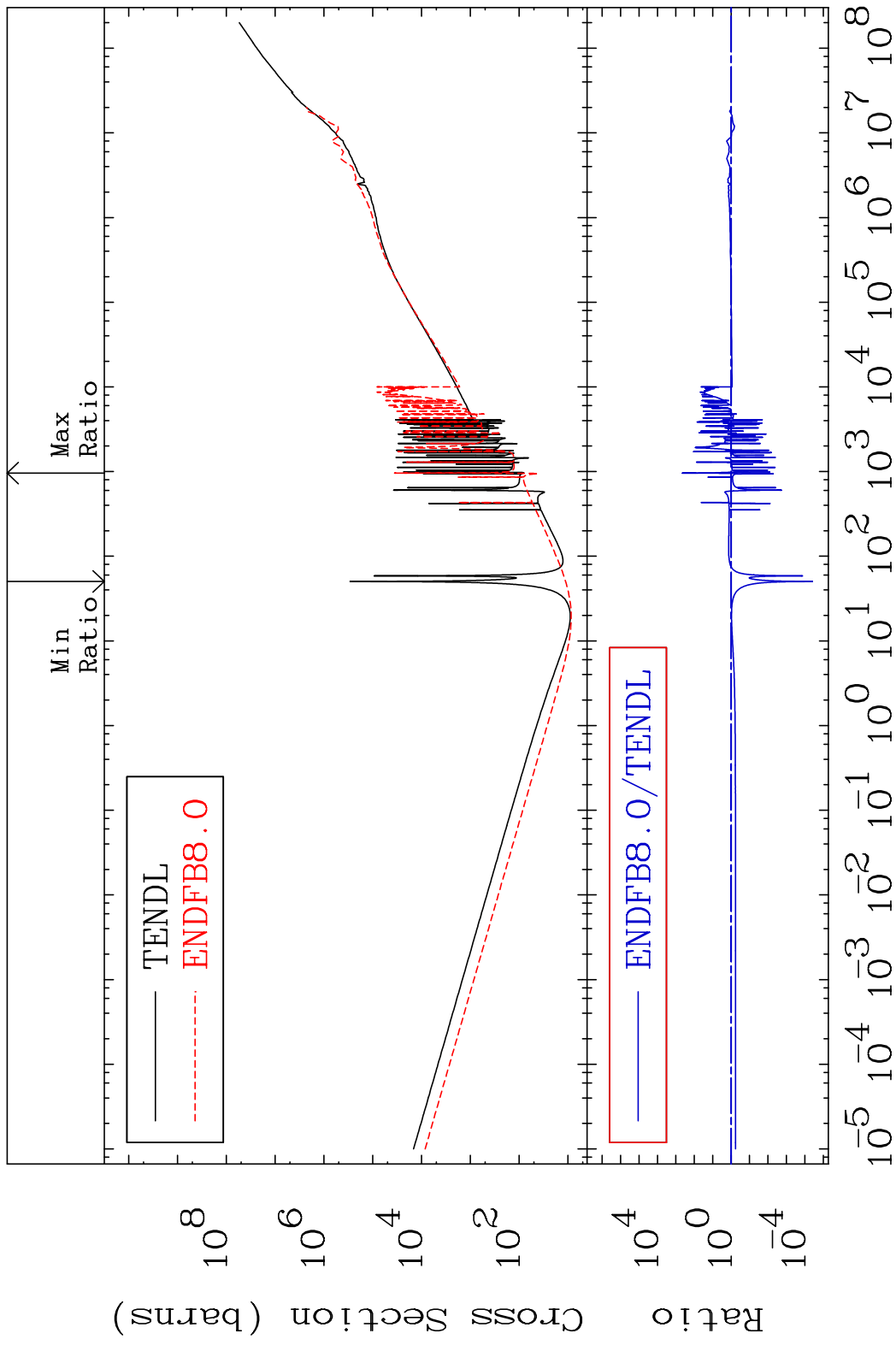


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Incident Energy (eV)

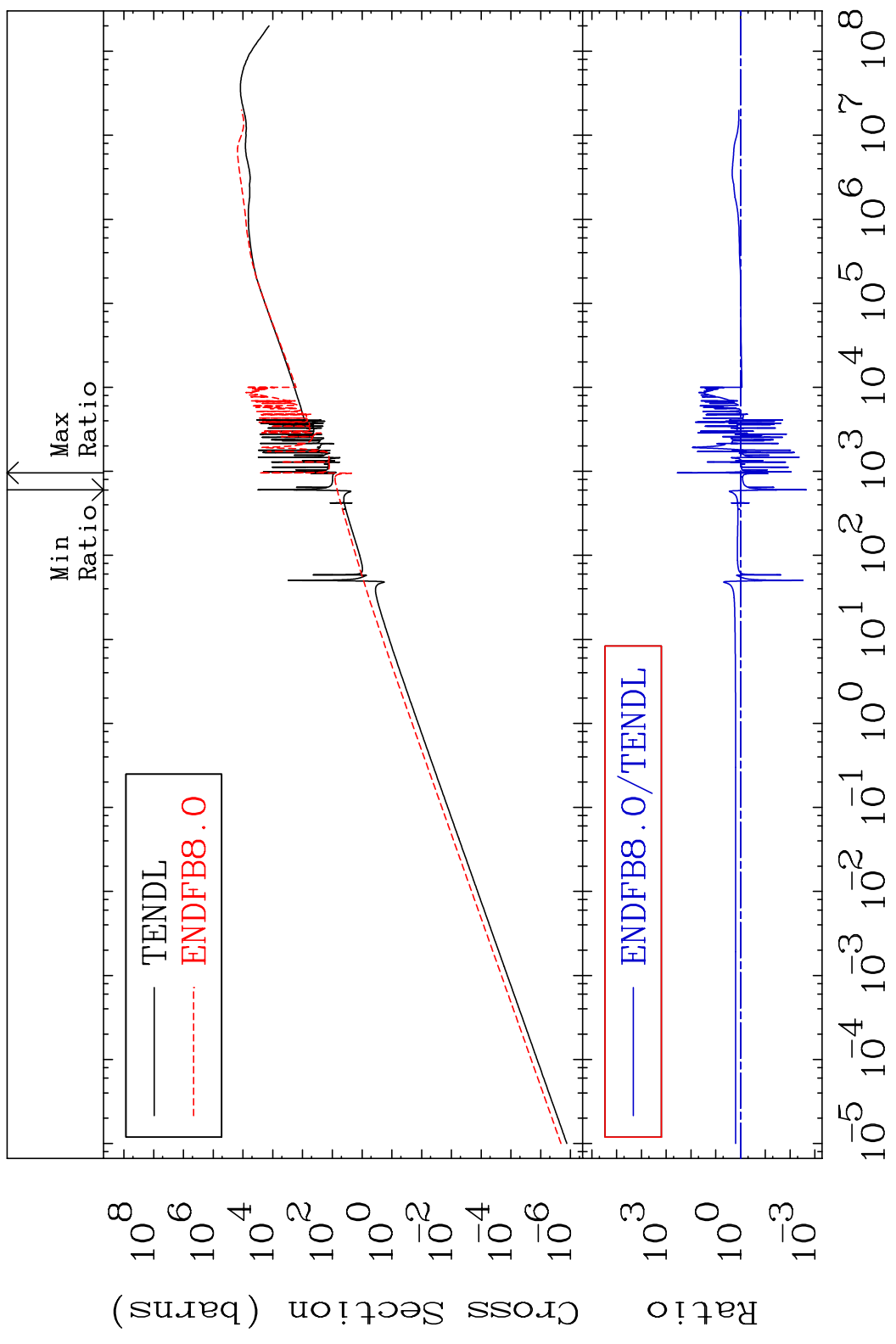
39-Y -90

MAT 3928 Kerma total (eV-barns) 39-Y -90
 Cross Section -100.0 To 9999. %

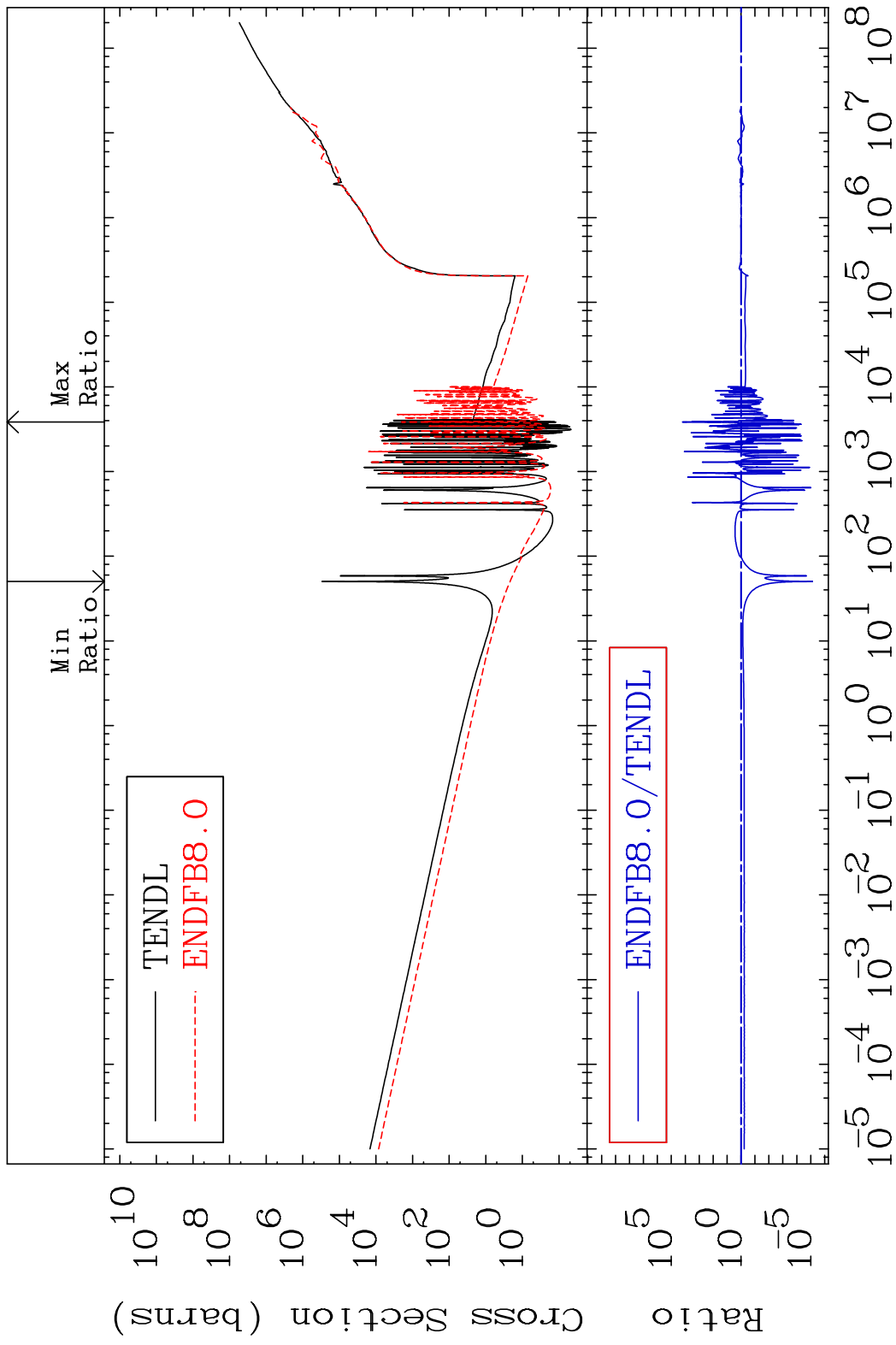


MAT 3928

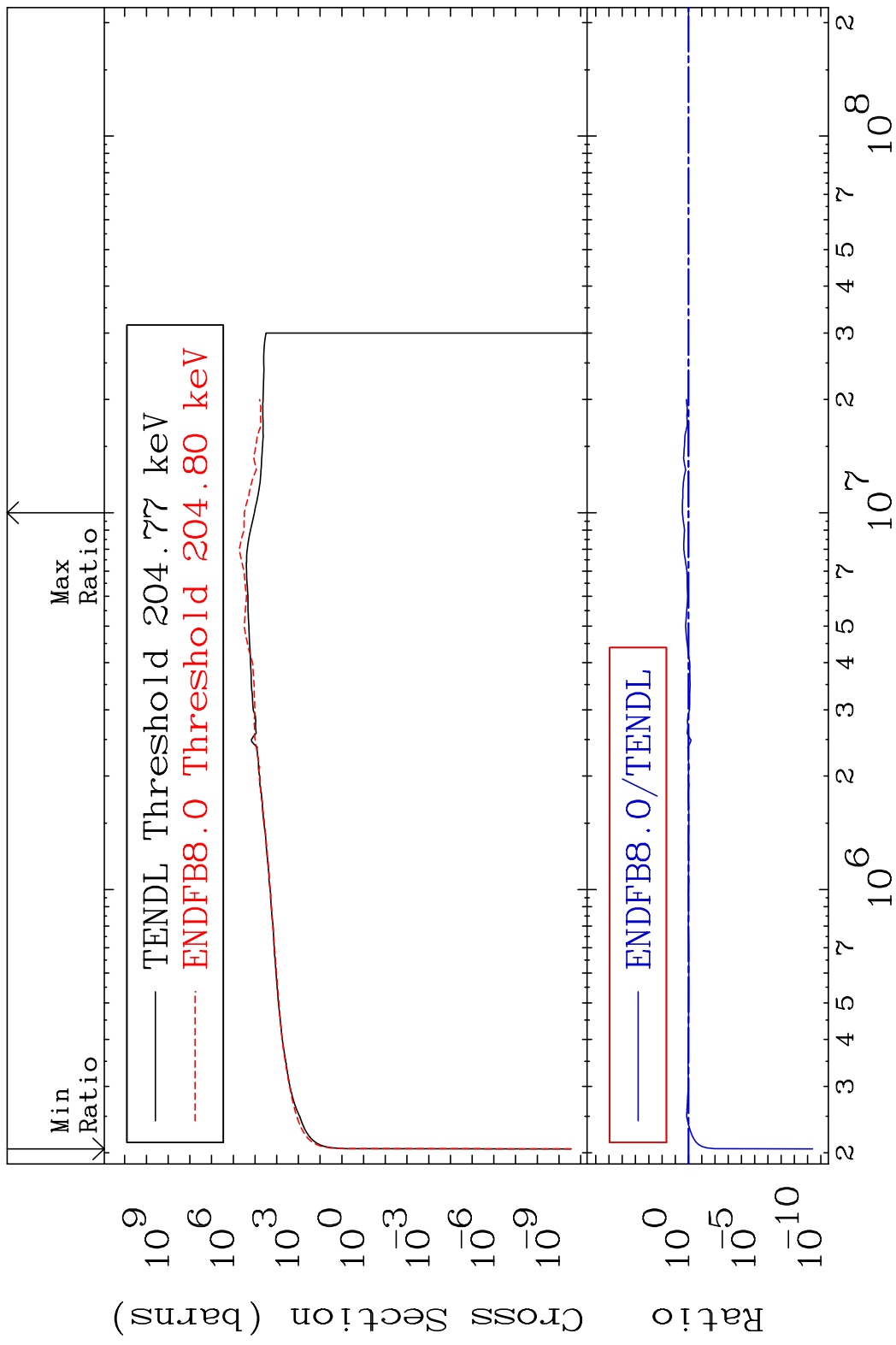
Kerma elastic Cross Section -99.78 To 9999. %
39-Y -90



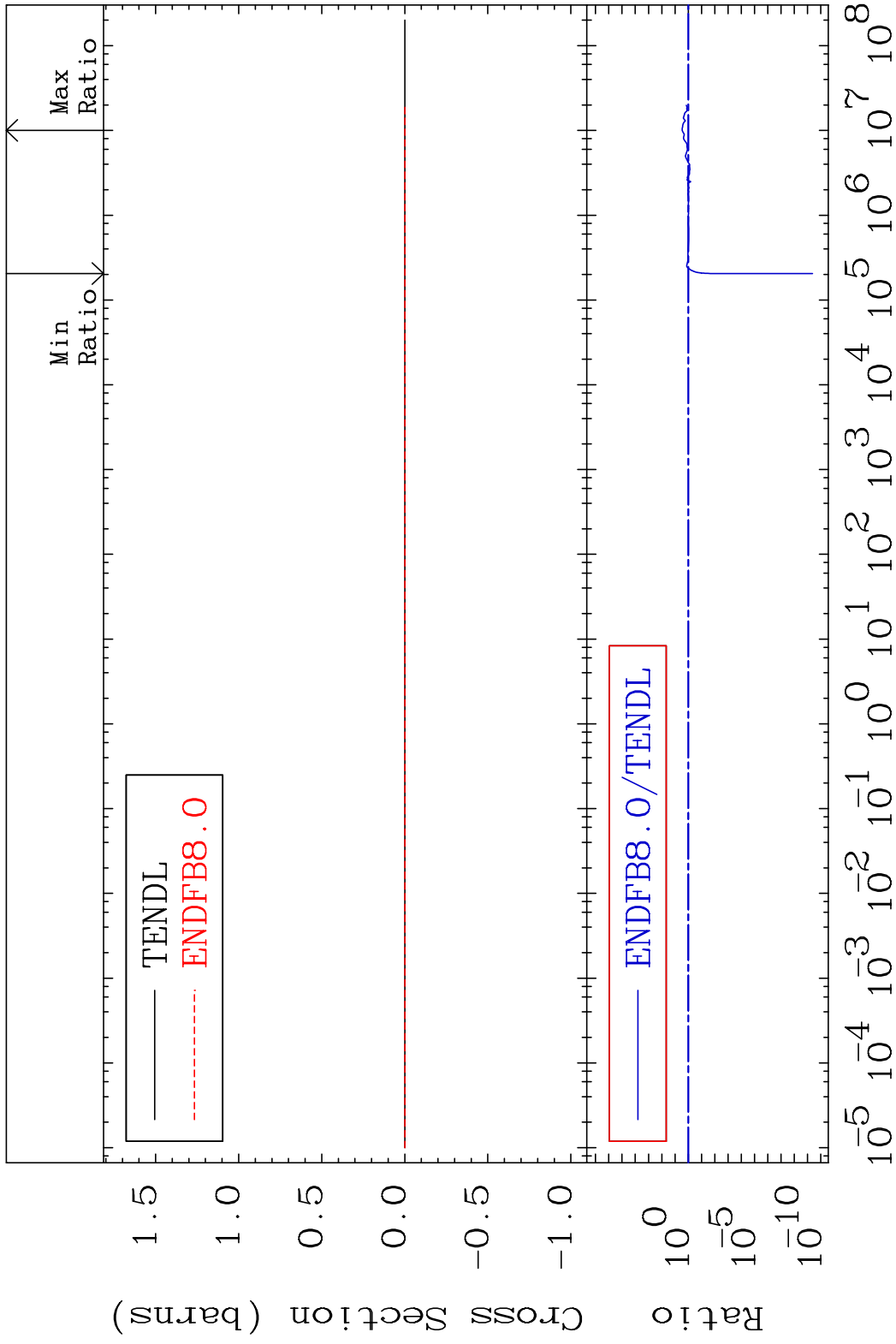
MAT 3928 Kerma non-elastic (all but mt2) 39-Y -90
 Cross Section -100.0 To 9999. %



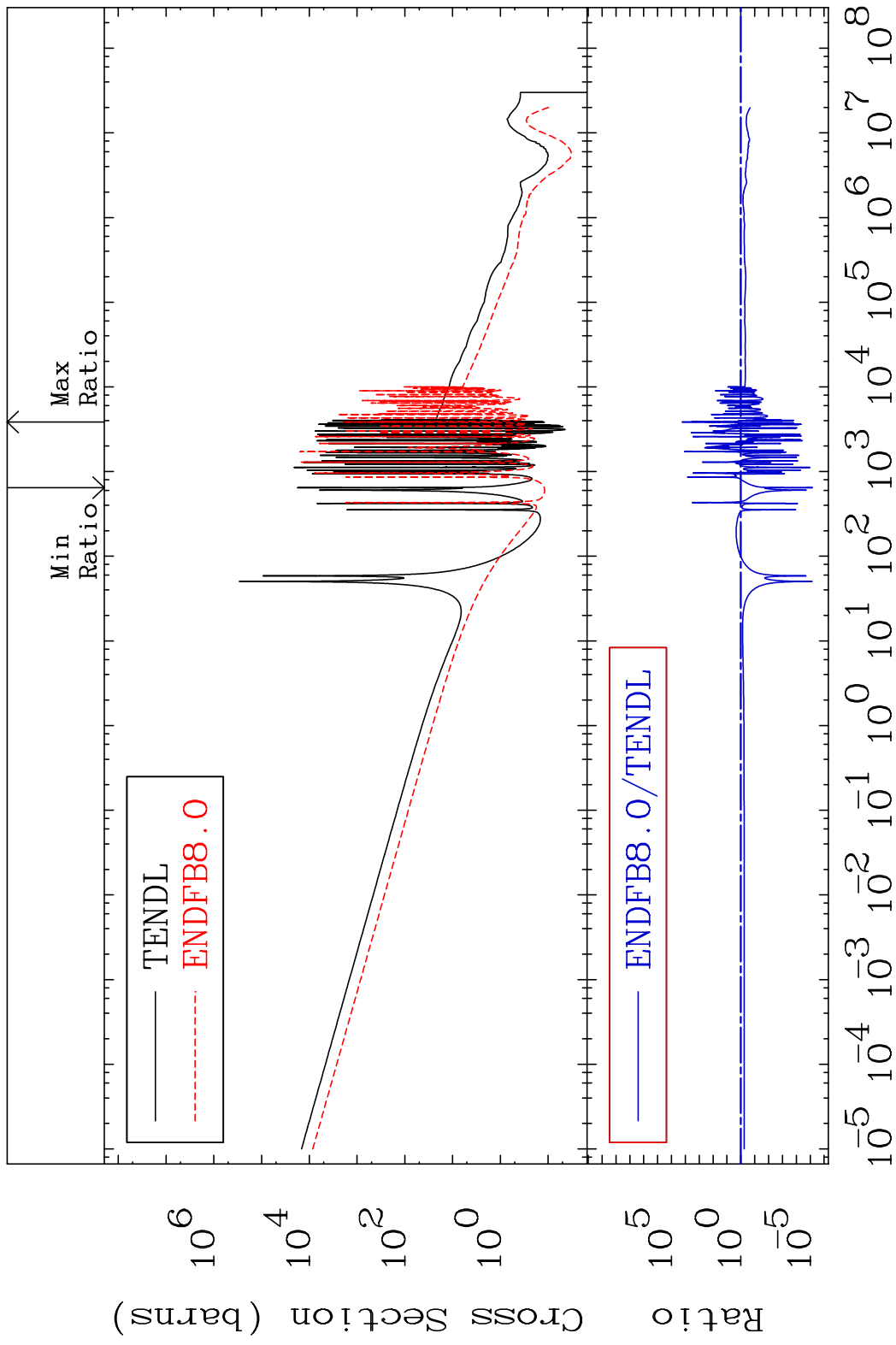
MAT 3928 Kerma inelastic (mt51-91) 39-Y -90
 Cross Section -100.0 To 189.4 %



MAT 3928 Kerma fission (mt18 or mt19-20-21-38) 39-Y -90
 Cross Section -100.0 To 189.4 %

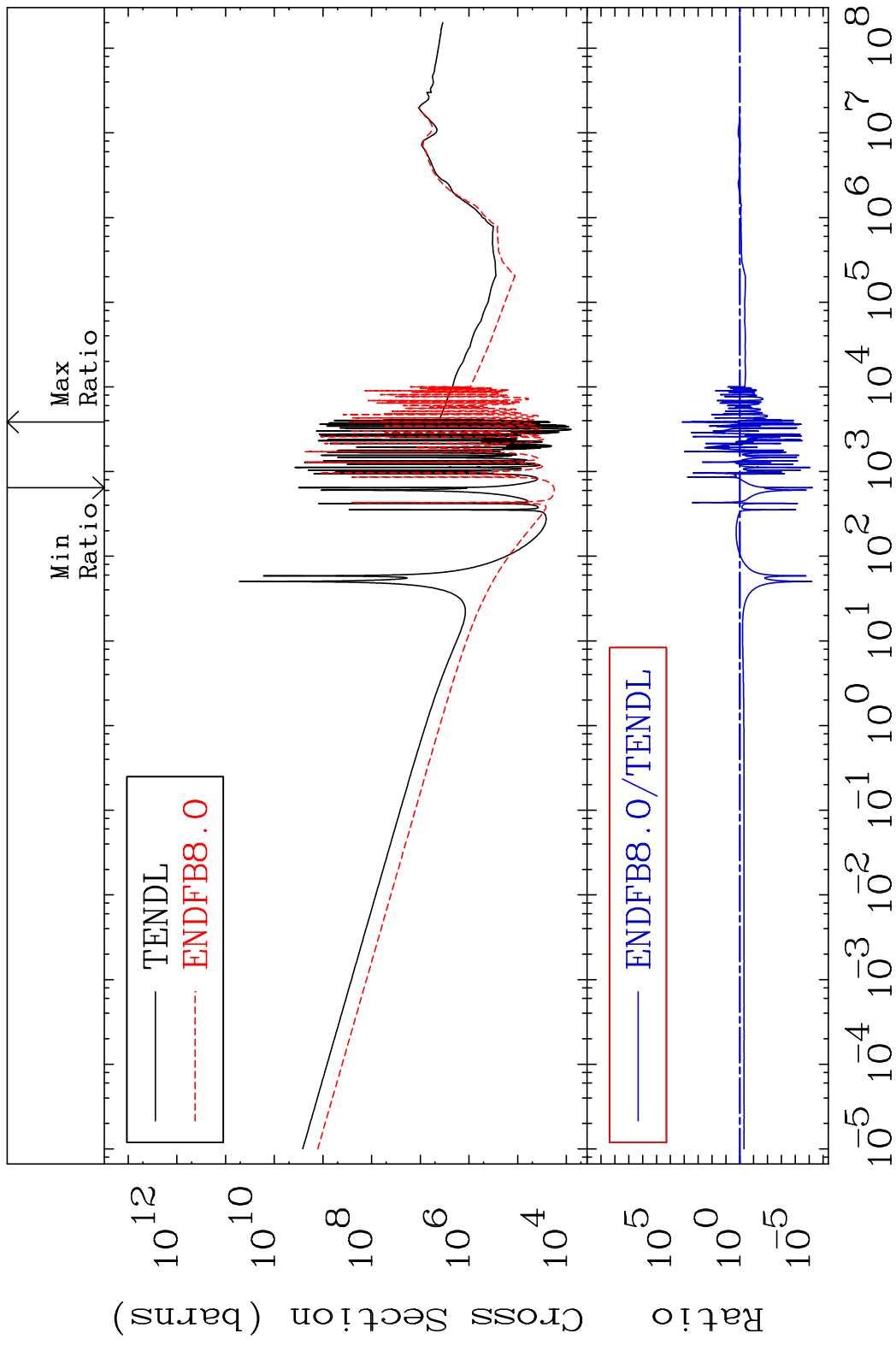


MAT 3928 Kerma capture (mt102) 39-Y -90
 Cross Section -100.0 To 9999. %

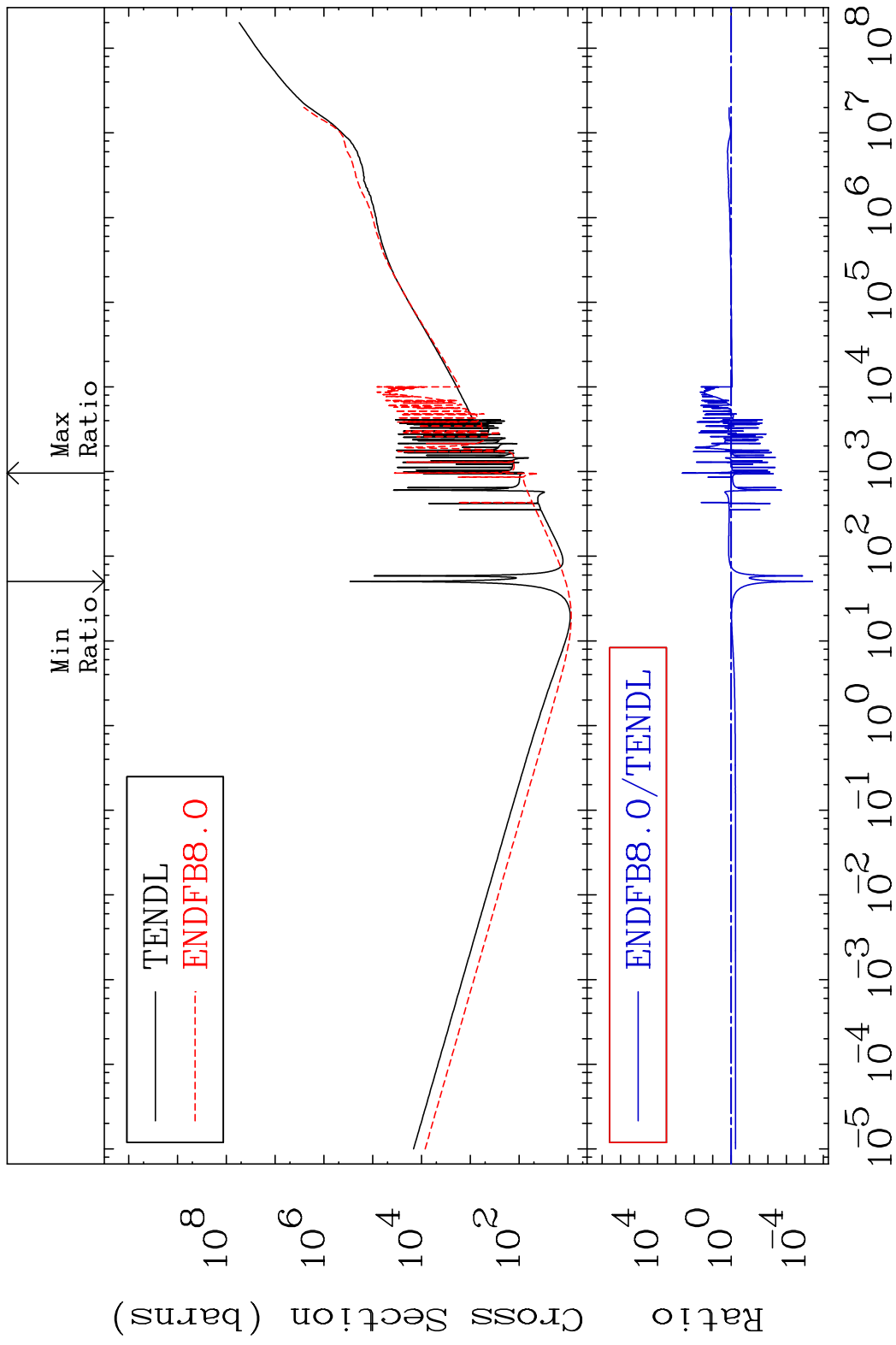


30 Incident Energy (eV) 39-Y -90

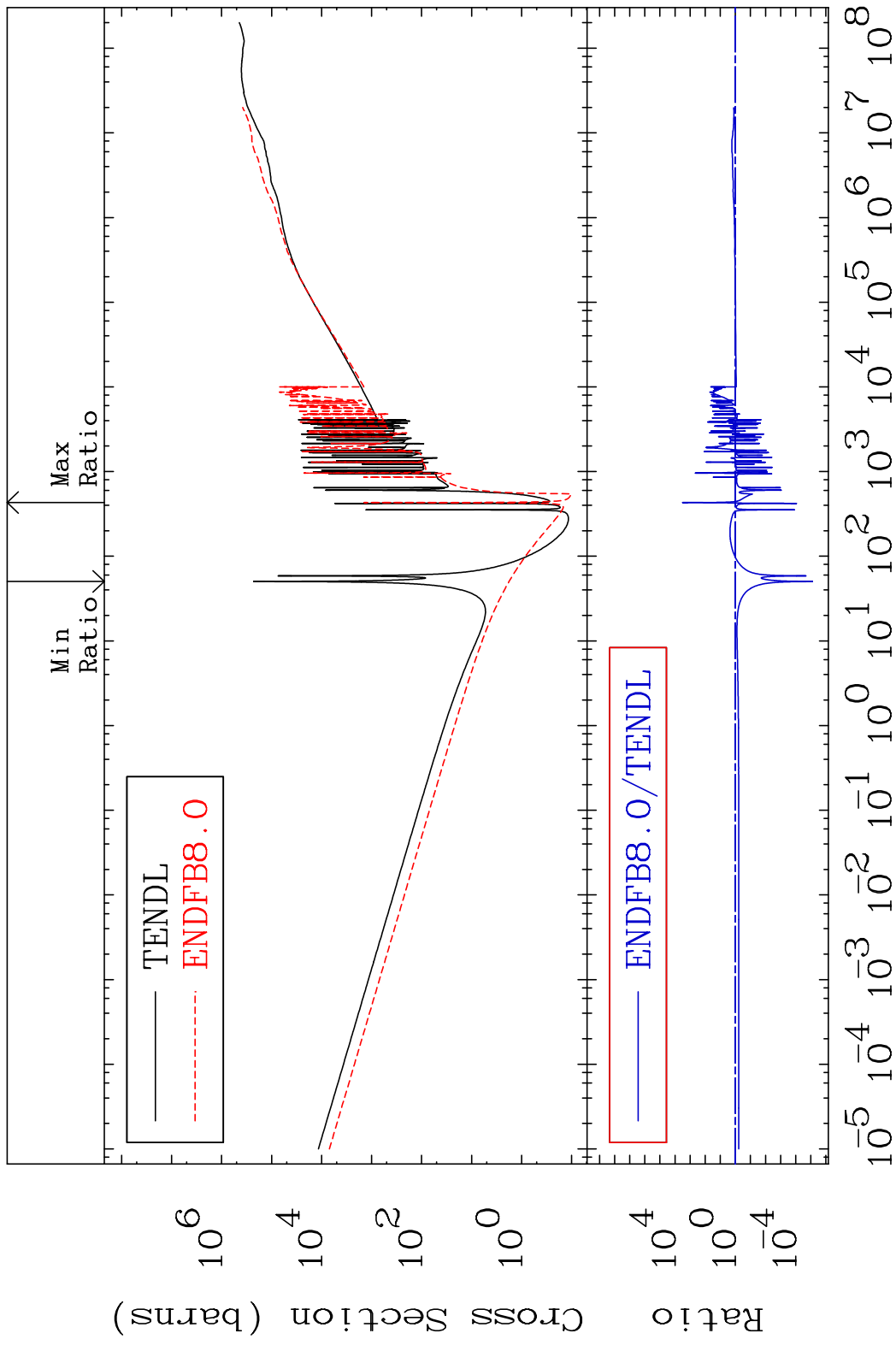
MAT 3928 Total photon (eV-barns) 39-Y -90
 Cross Section -100.0 To 9999. %



MAT 3928 Total kinematic kerma (high limit) 39-Y -90
 Cross Section -100.0 To 9999. %

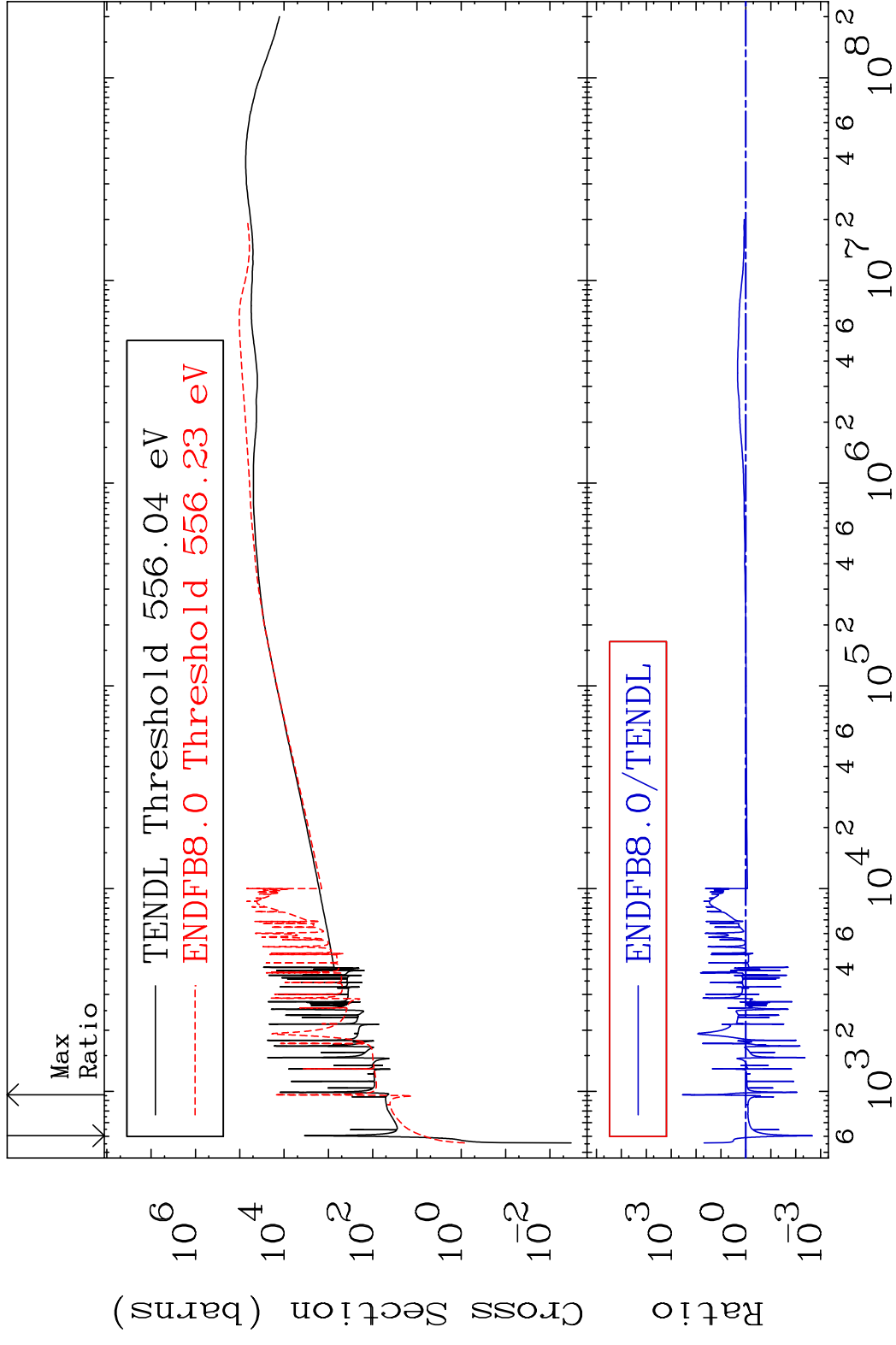


MAT 3928 Dpa total (eV-barns) 39-Y -90
 Cross Section -100.0 To 9999. %

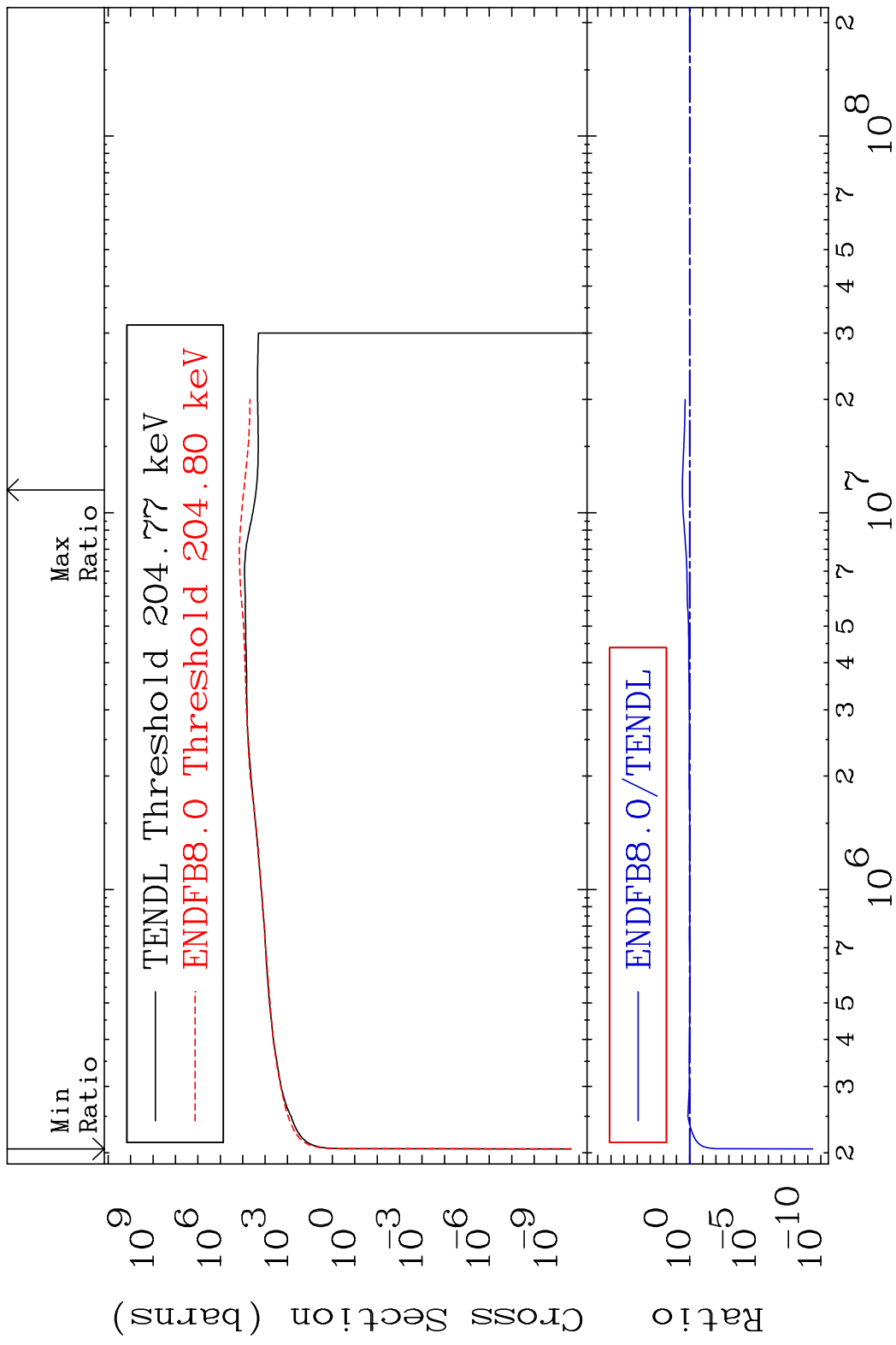


33 Incident Energy (eV) 39-Y -90

MAT 3928 Dpa elastic (mt2) 39-Y -90
 Cross Section -99.79 To 9999. %



MAT 3928 Dpa inelastic (mt51-91) 39-Y -90
 Cross Section -100.0 To 258.2 %



MAT 3928 Dpa disappearance (mt102 -120) 39-Y -90
 Cross Section -100.0 To 9999. %

