

Program Complot
(Version 2021-1)

by

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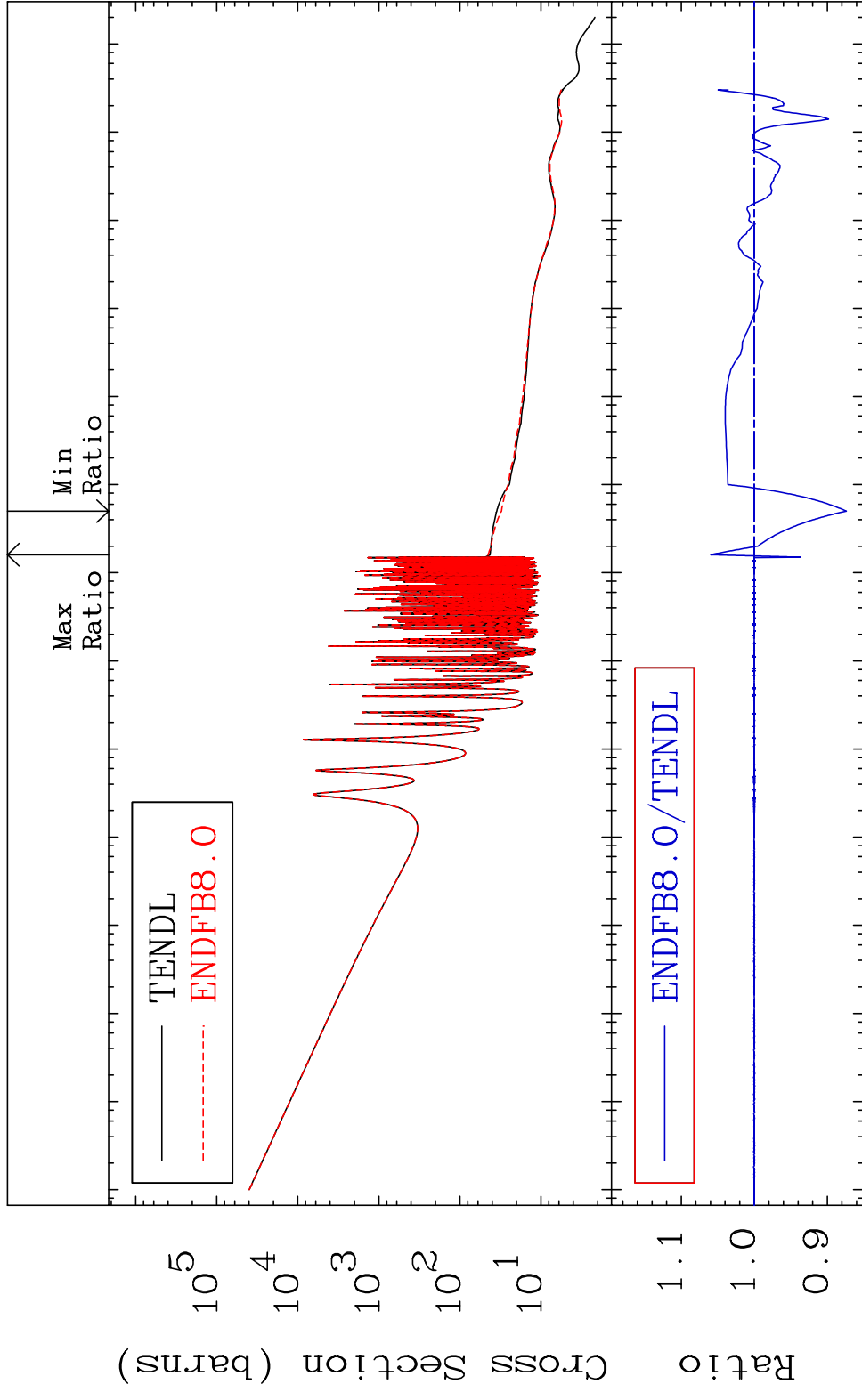
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9543

Total Cross Section -12.61 To 5.957 %
95-Am-241



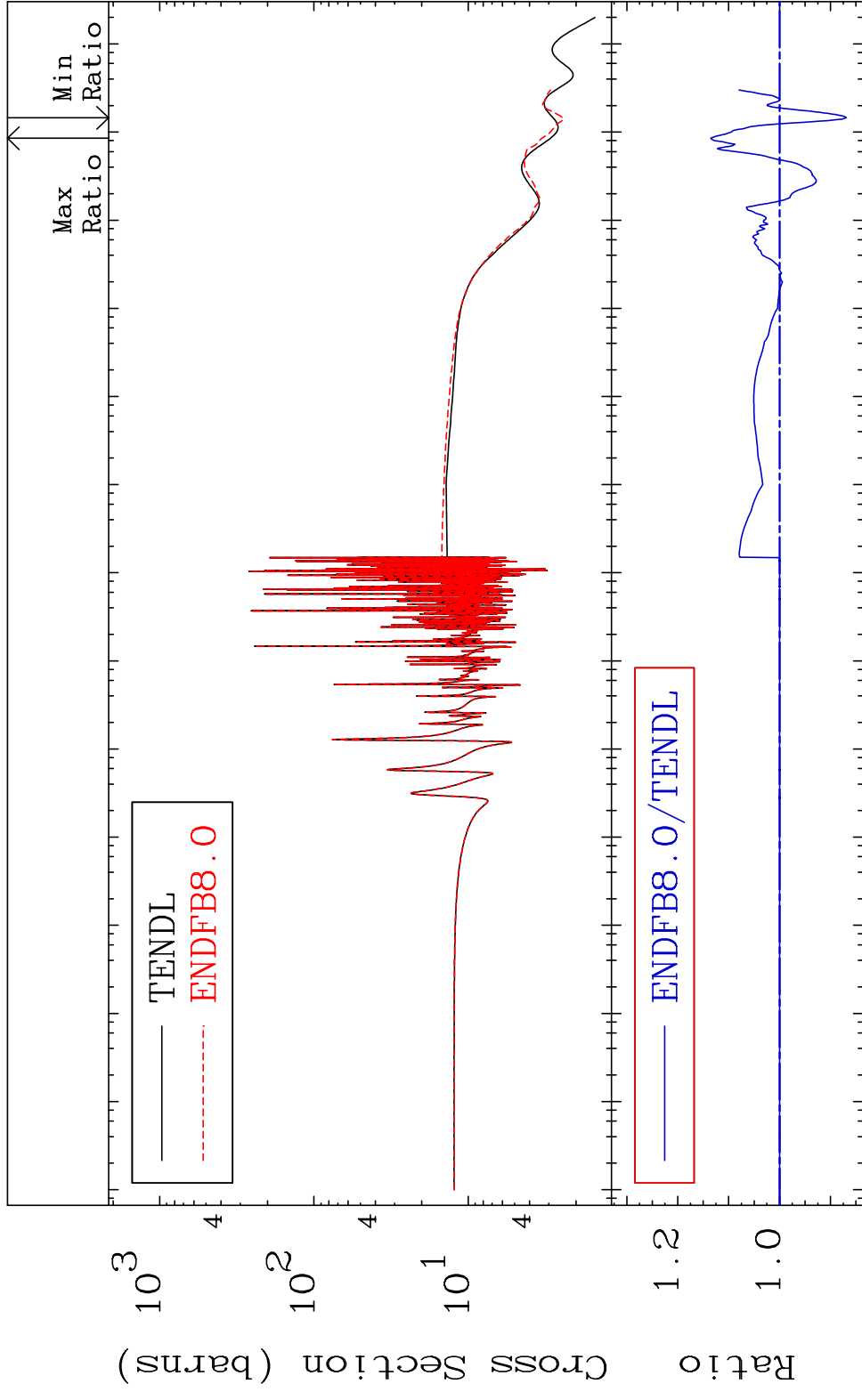
1 Incident Energy (eV) 95-Am-241

MAT 9543

Elastic

95-Am-241

Cross Section -13.11 To 13.52 %

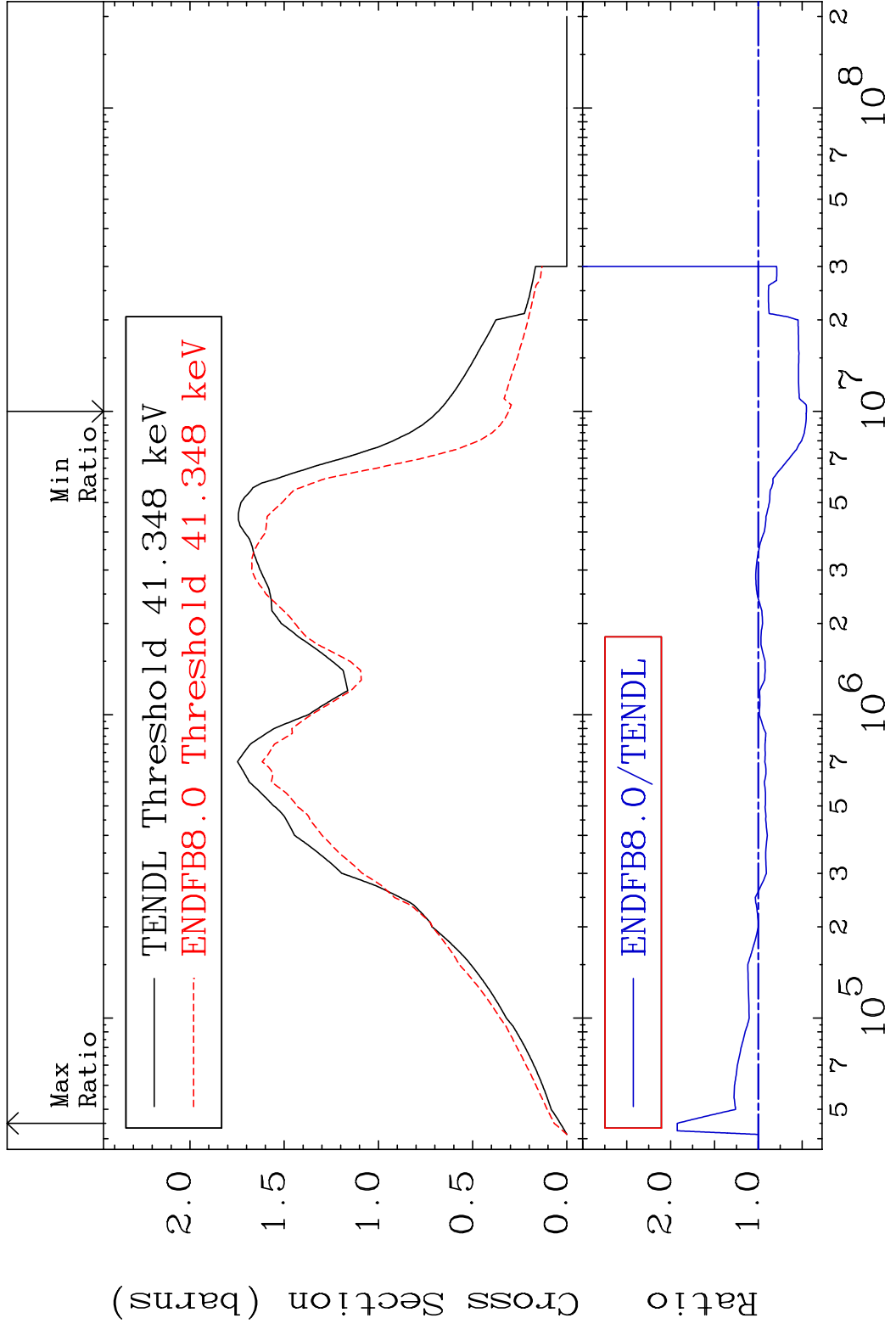


2

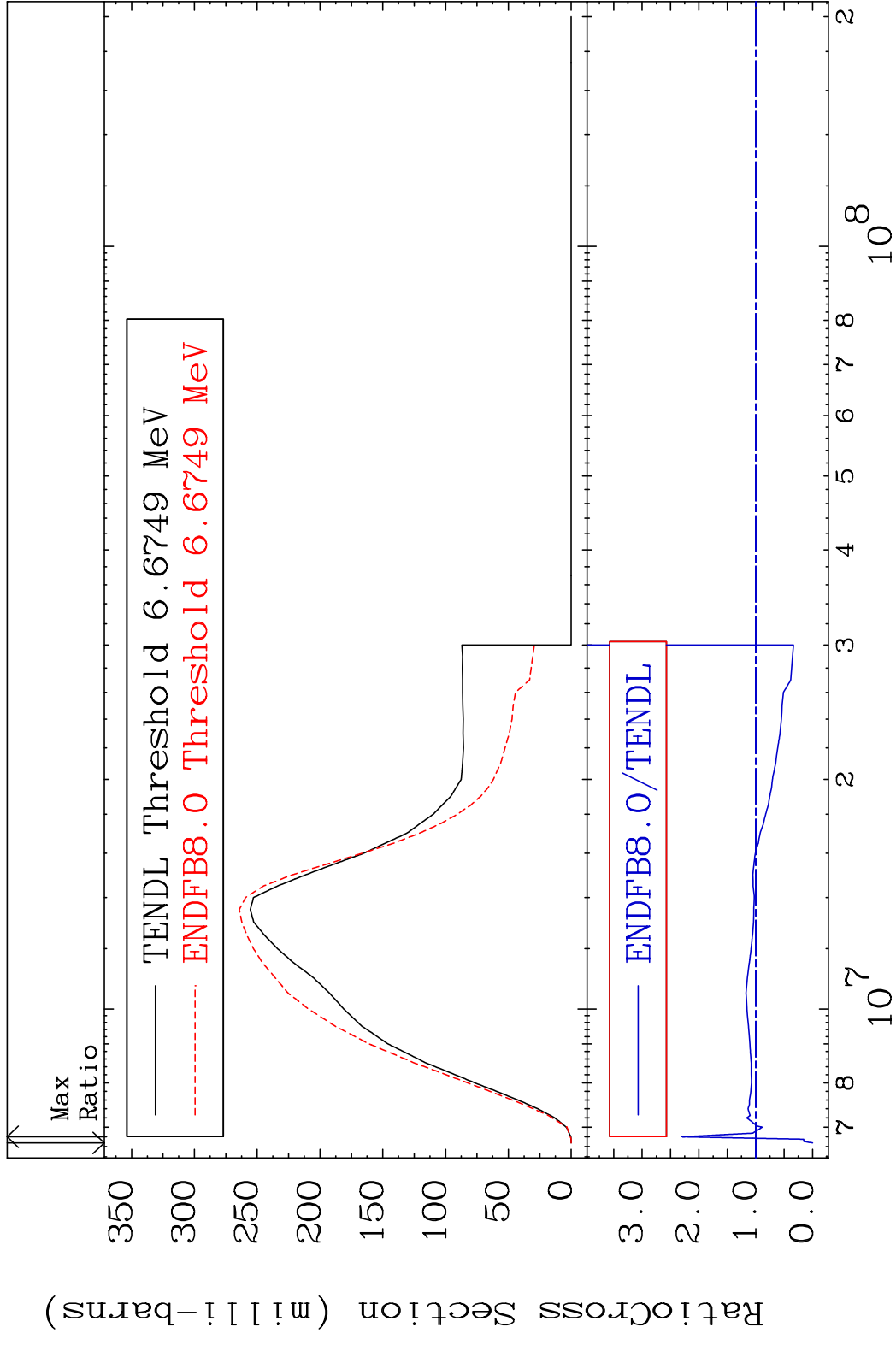
Incident Energy (eV)

95-Am-241

MAT 9543 Inelastic Cross Section -54.81 To 92.52 % 95-Am-241



MAT 9543 (n,2n) 95-Am-241
 Cross Section -100.0 To 129.1 %



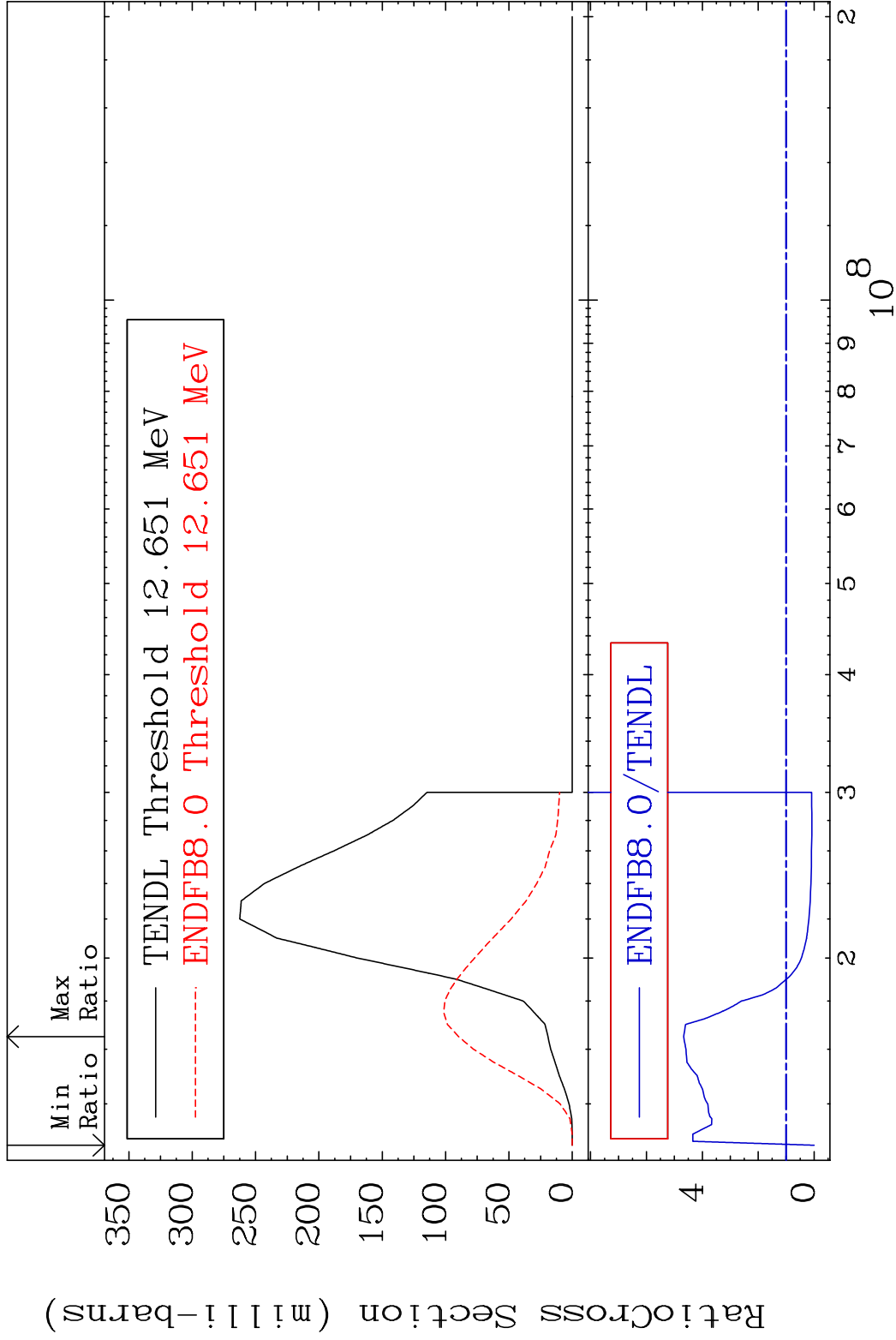
4 Incident Energy (eV) 95-Am-241

MAT 9543

(n,3n)

95-Am-241

Cross Section -100.0 To 366.8 %



5

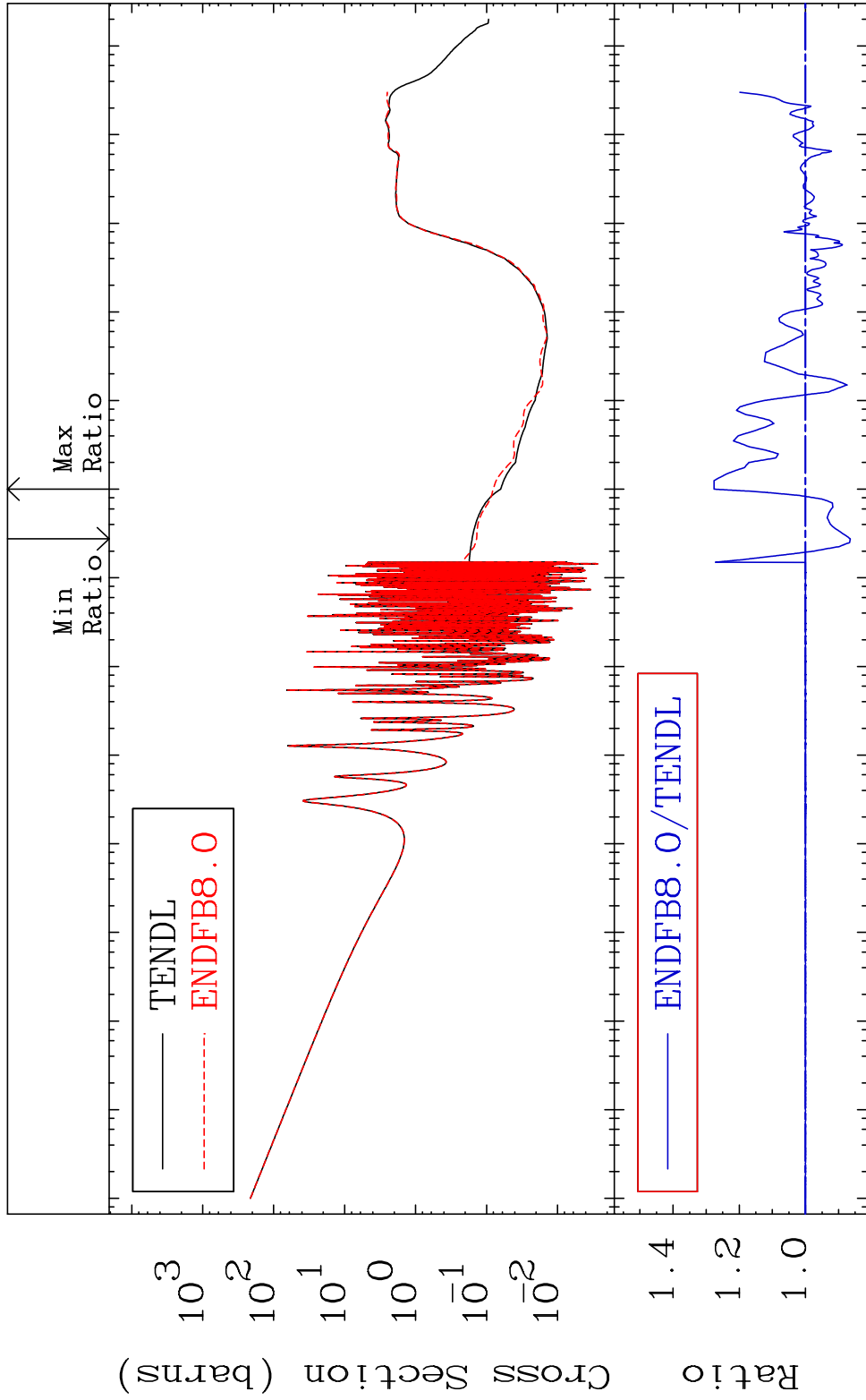
Incident Energy (eV)

95-Am-241

MAT 9543

Fission
Cross Section -13.52 To 27.63 %

95-Am-241

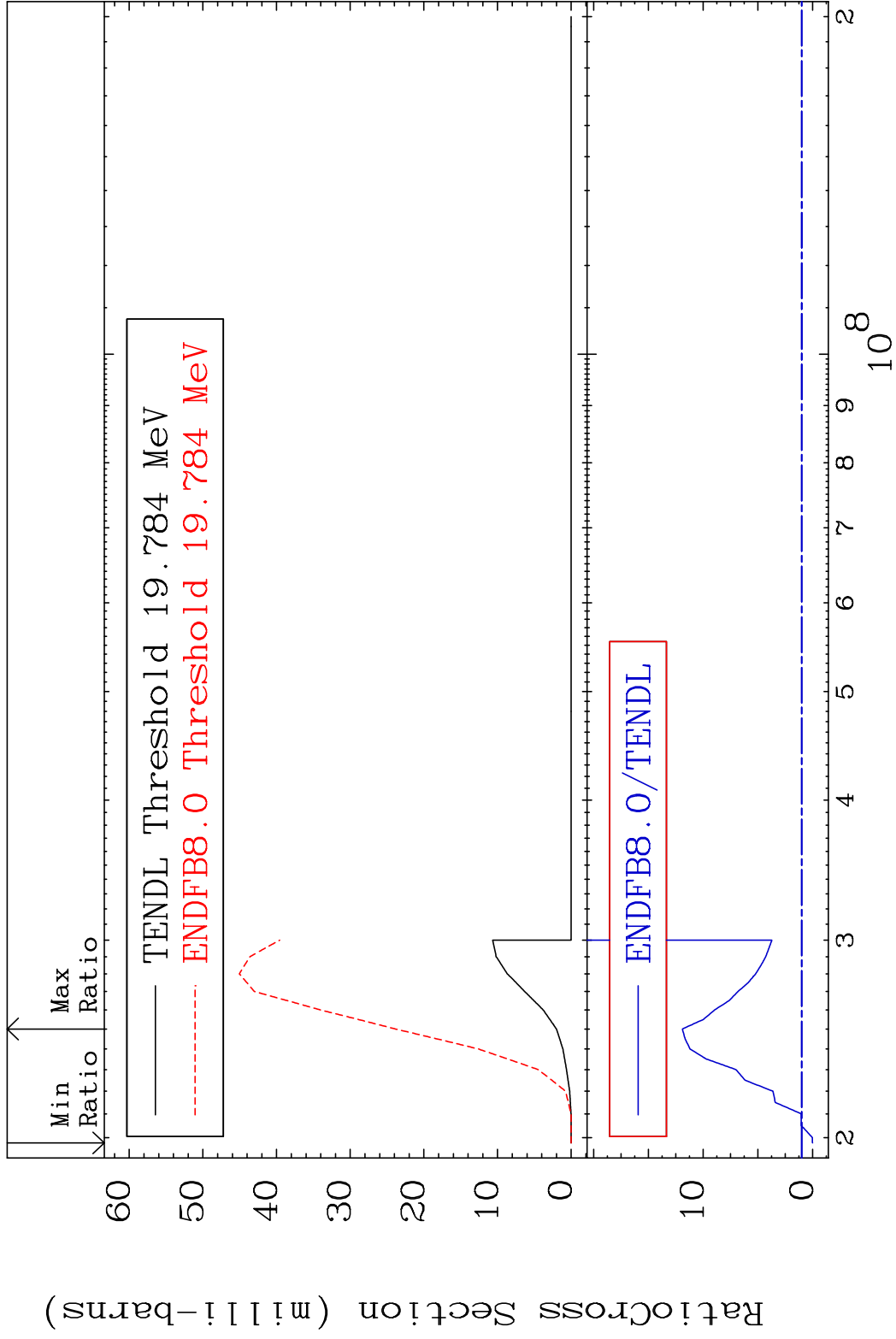


MAT 9543

(n, 4n)

95-Am-241

Cross Section -100.0 To 1090. %

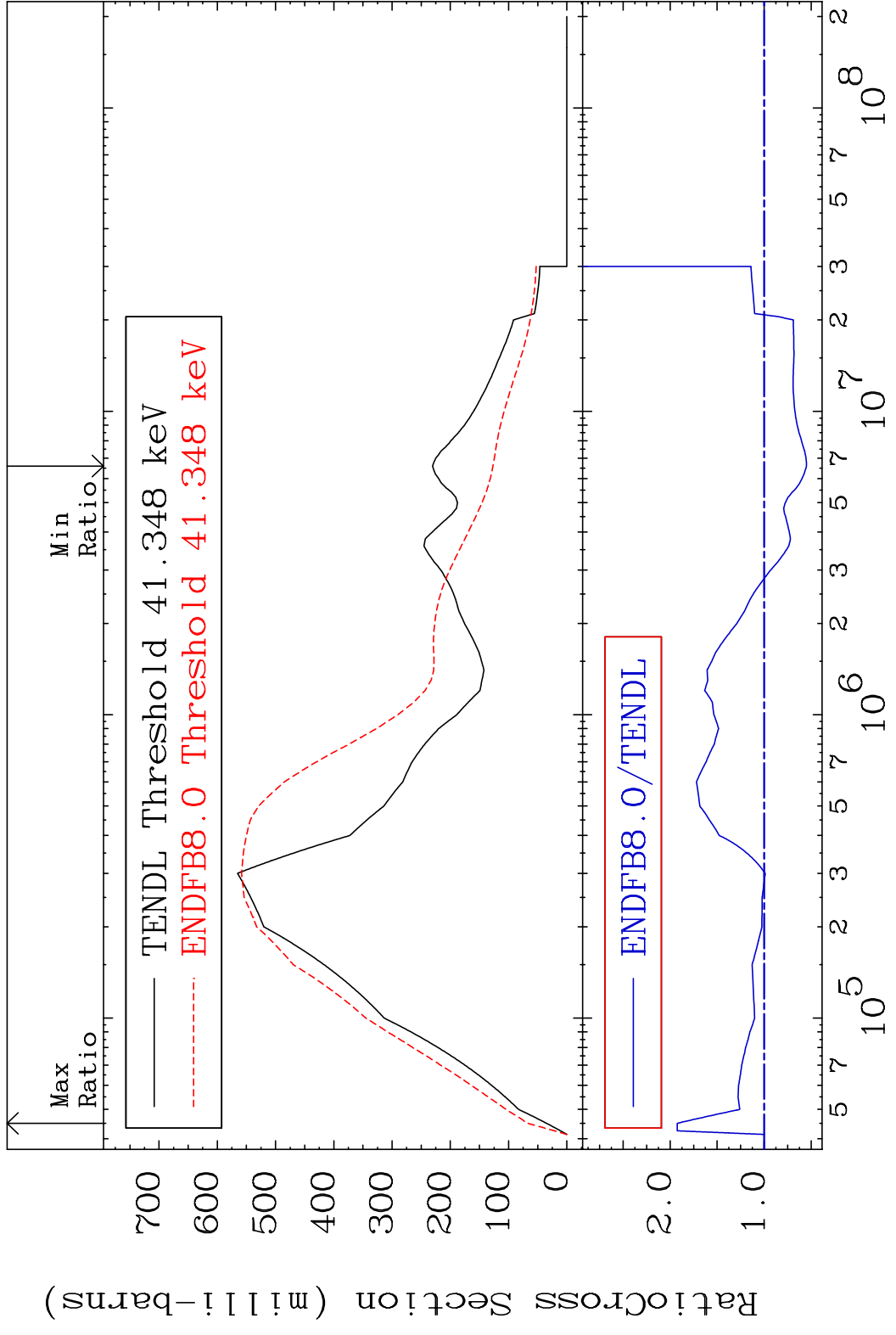


7

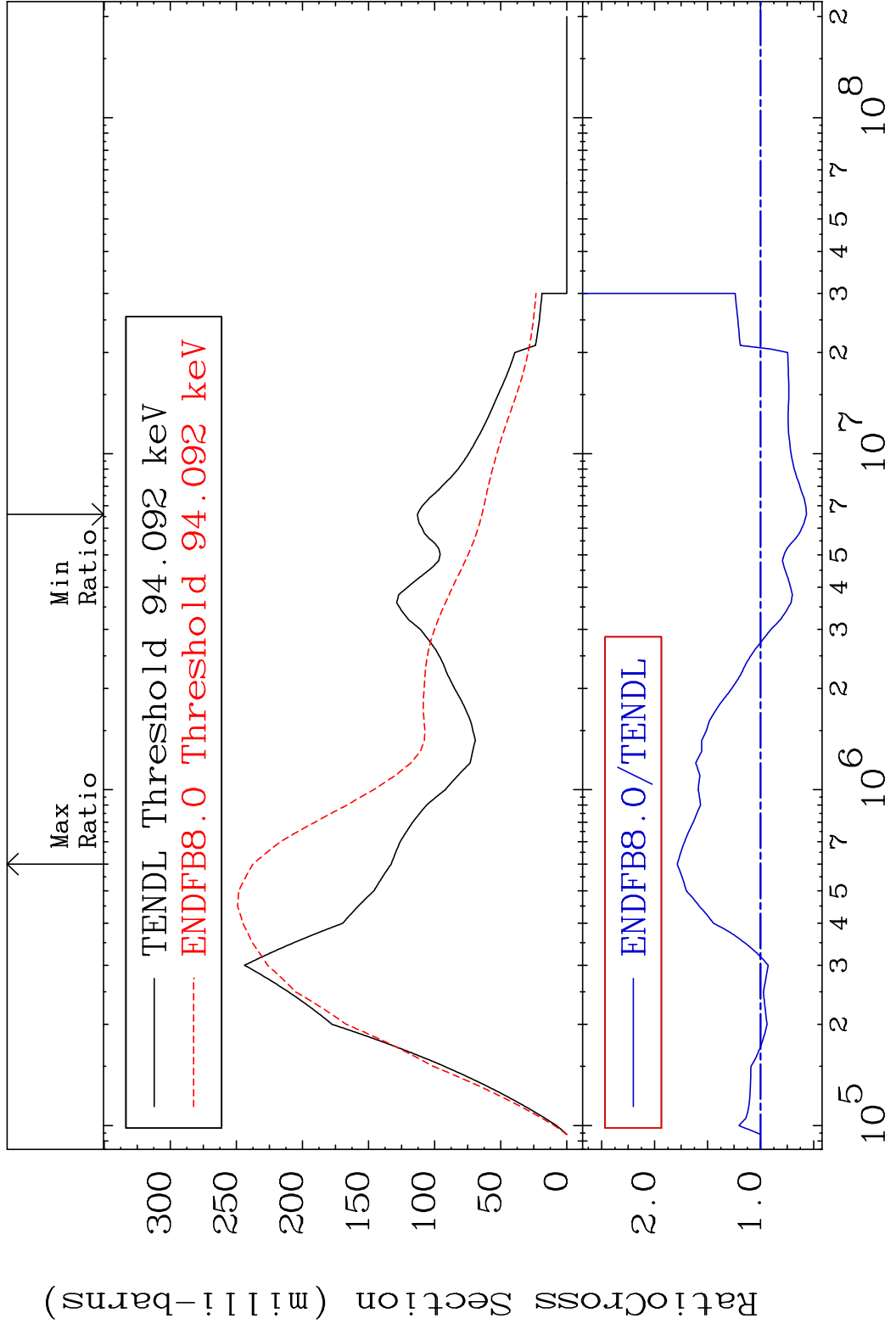
Incident Energy (eV)

95-Am-241

MAT 9543 MT= 51 (n, n') Level 95-Am-241
 Cross Section -45.00 To 92.52 %

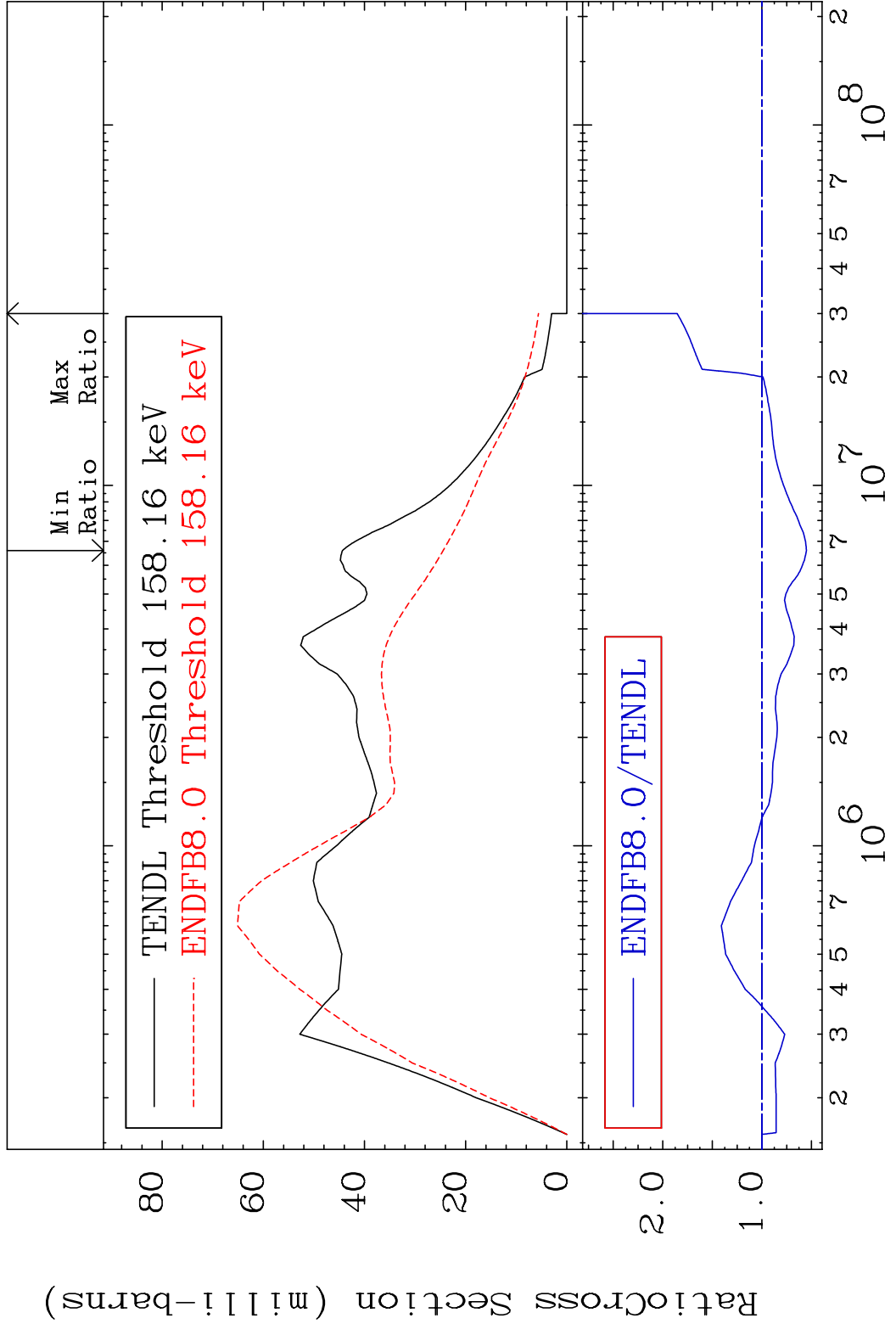


MAT 9543 MT= 52 (n, n') Level 95-Am-241
 Cross Section -43.20 To 78.71 %



9 95-Am-241

MAT 9543 MT= 53 (n, n') Level 95-Am-241
 Cross Section -44.91 To 85.47 %

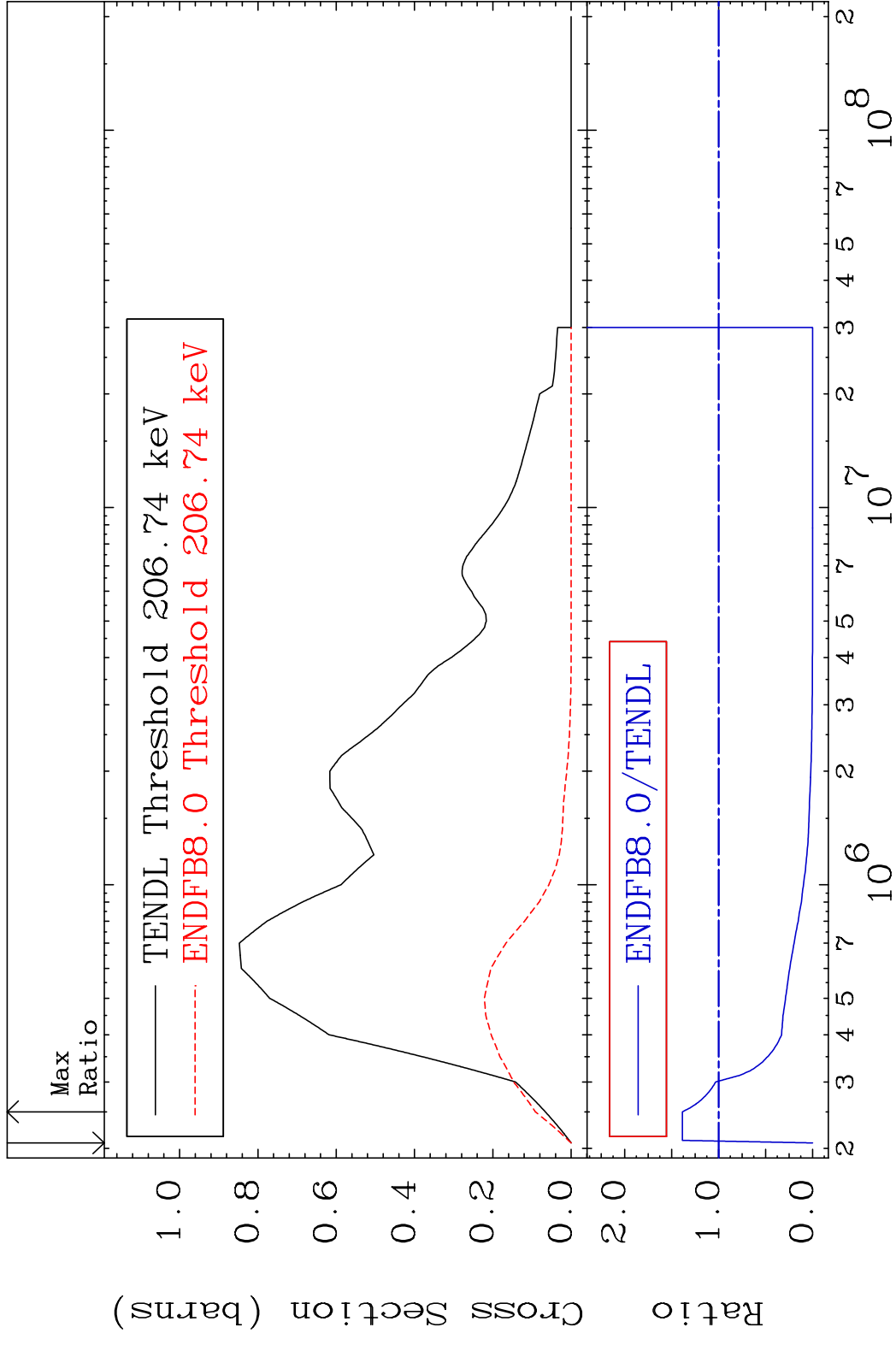


10

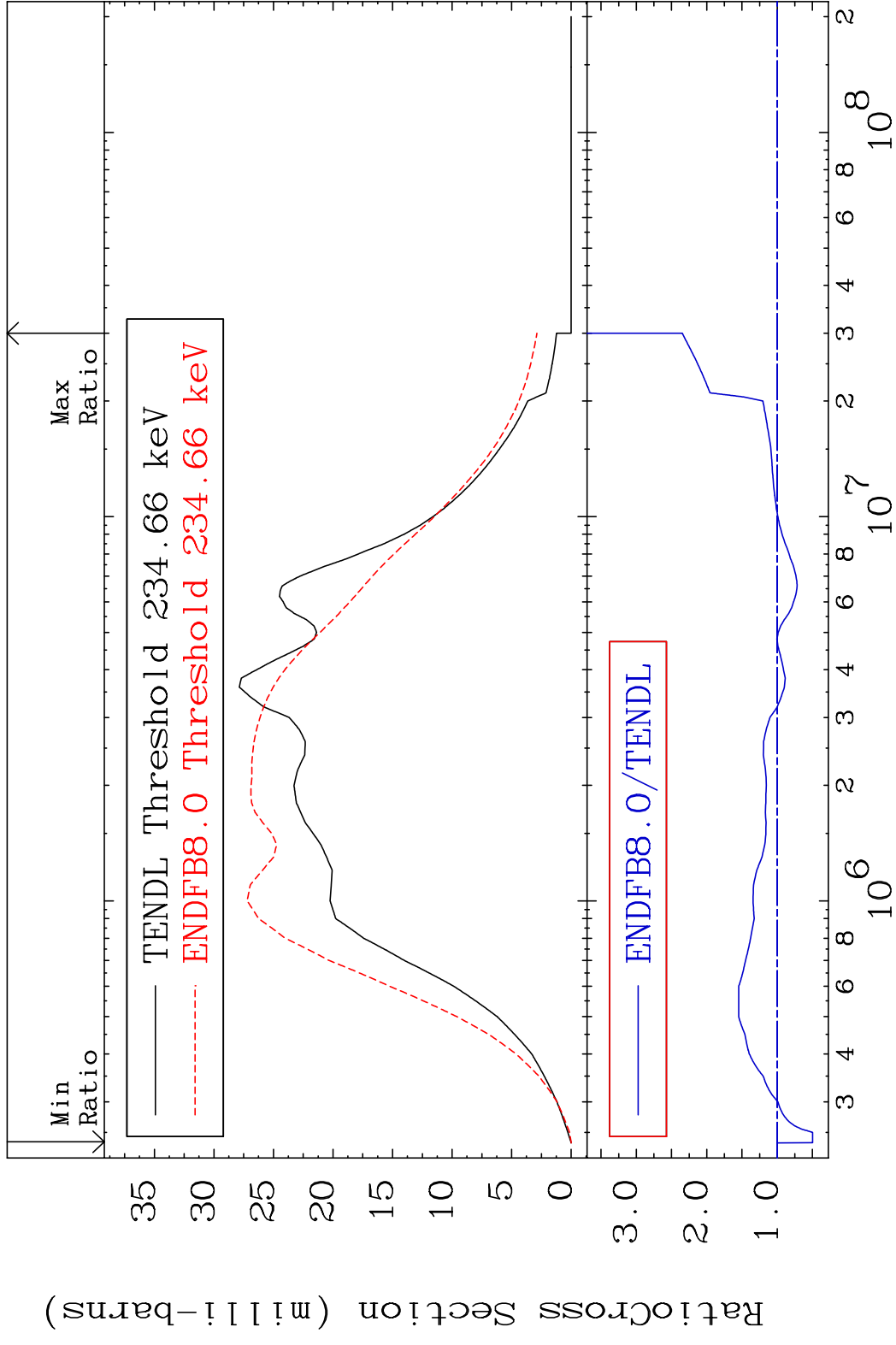
Incident Energy (eV)

95-Am-241

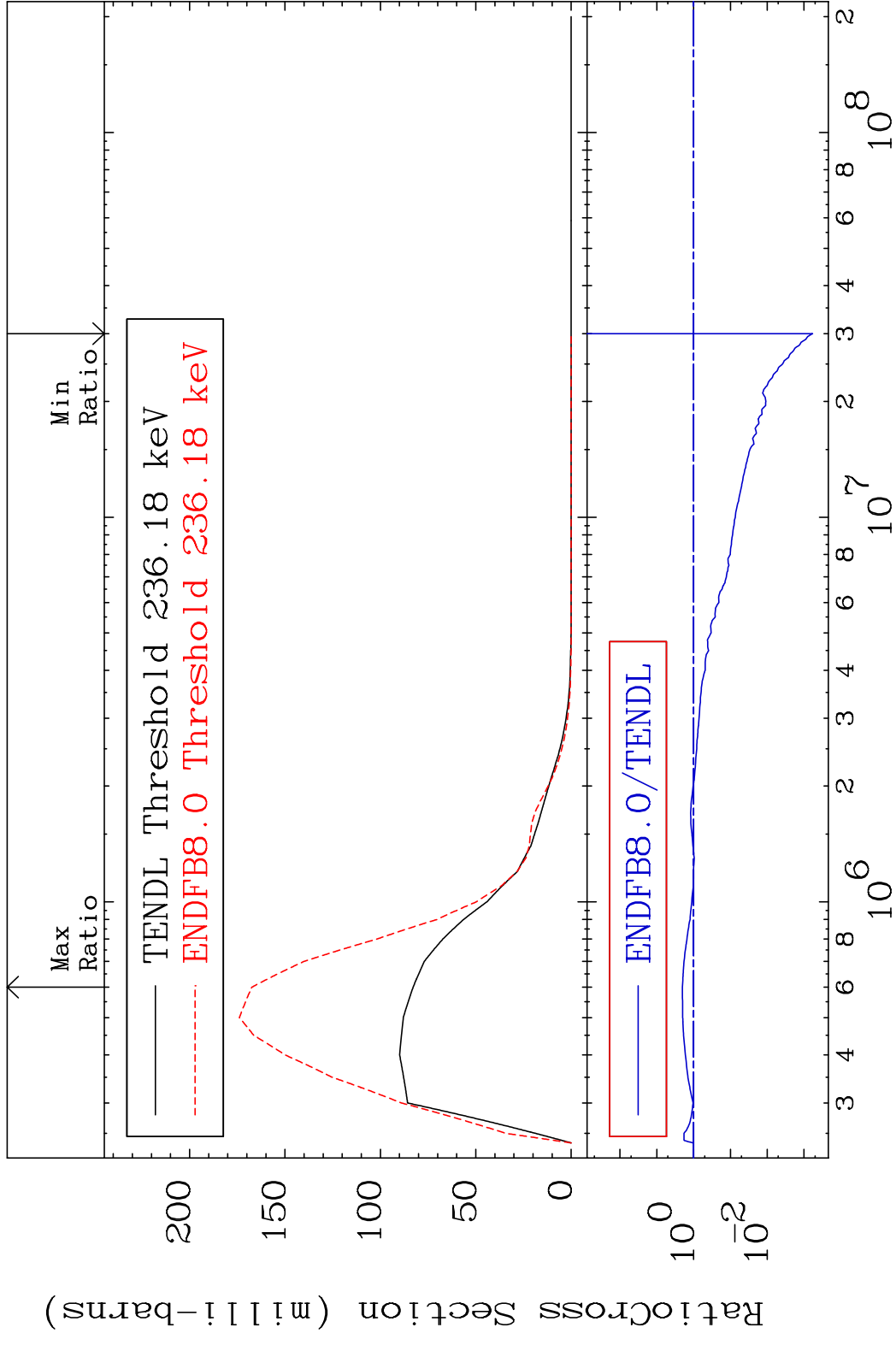
MAT 9543 MT= 54 (n, n') Level 95-Am-241
 Cross Section -100.0 To 38.61 %



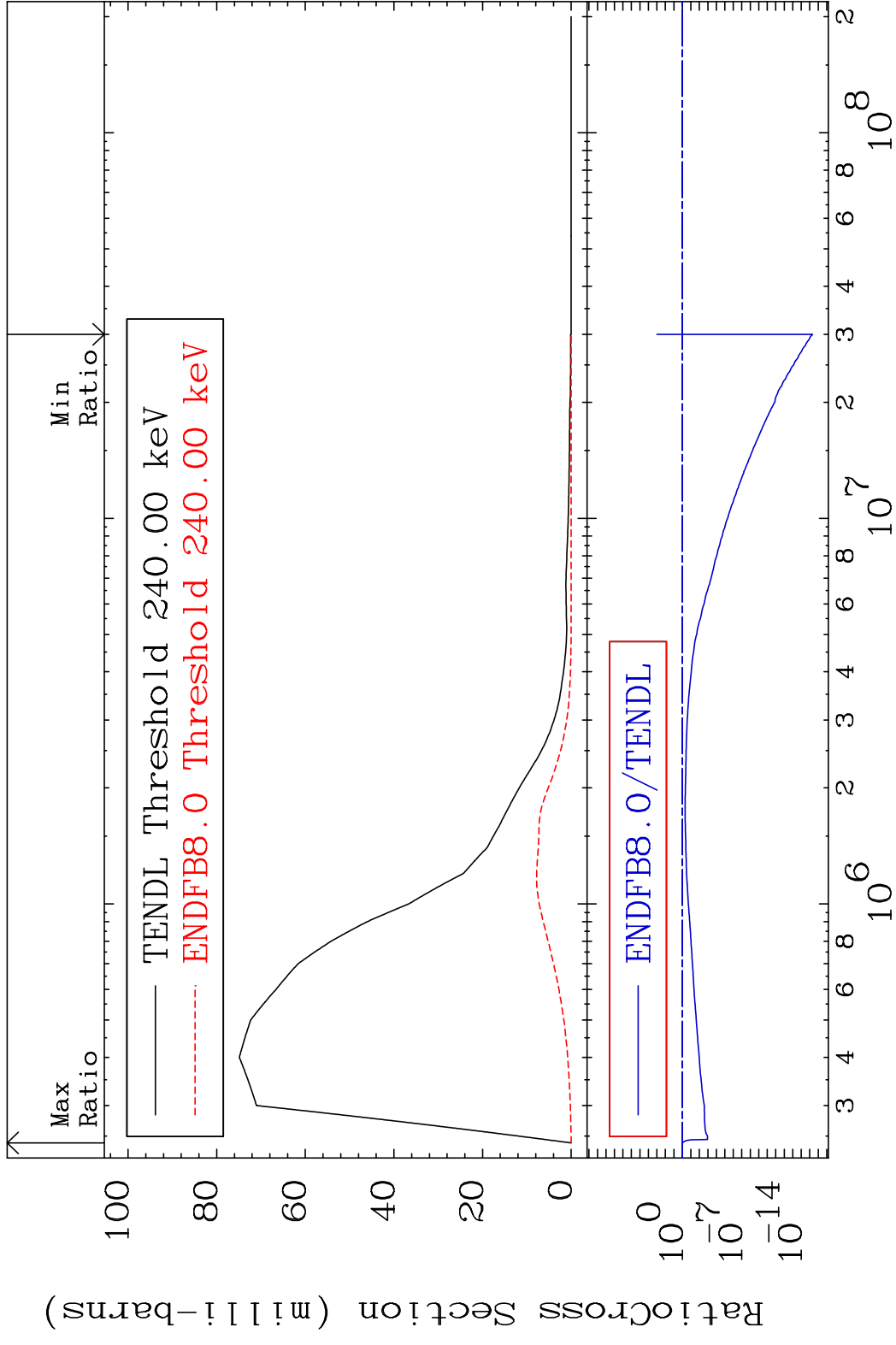
MAT 9543 MT= 55 (n,n') Level 95-Am-241
 Cross Section -50.11 To 134.6 %



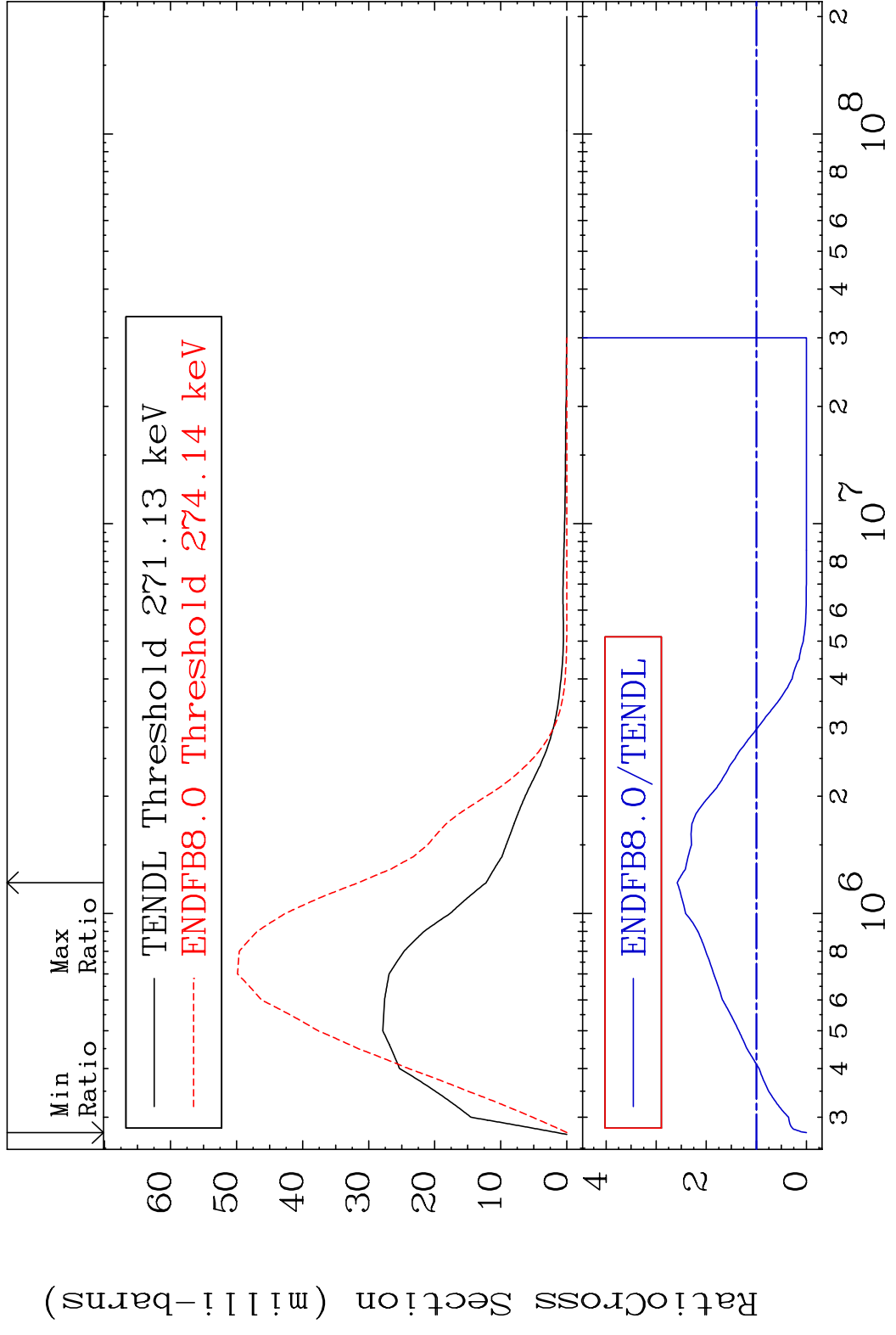
MAT 9543 MT= 56 (n,n') Level 95-Am-241
 Cross Section -99.94 To 102.0 %



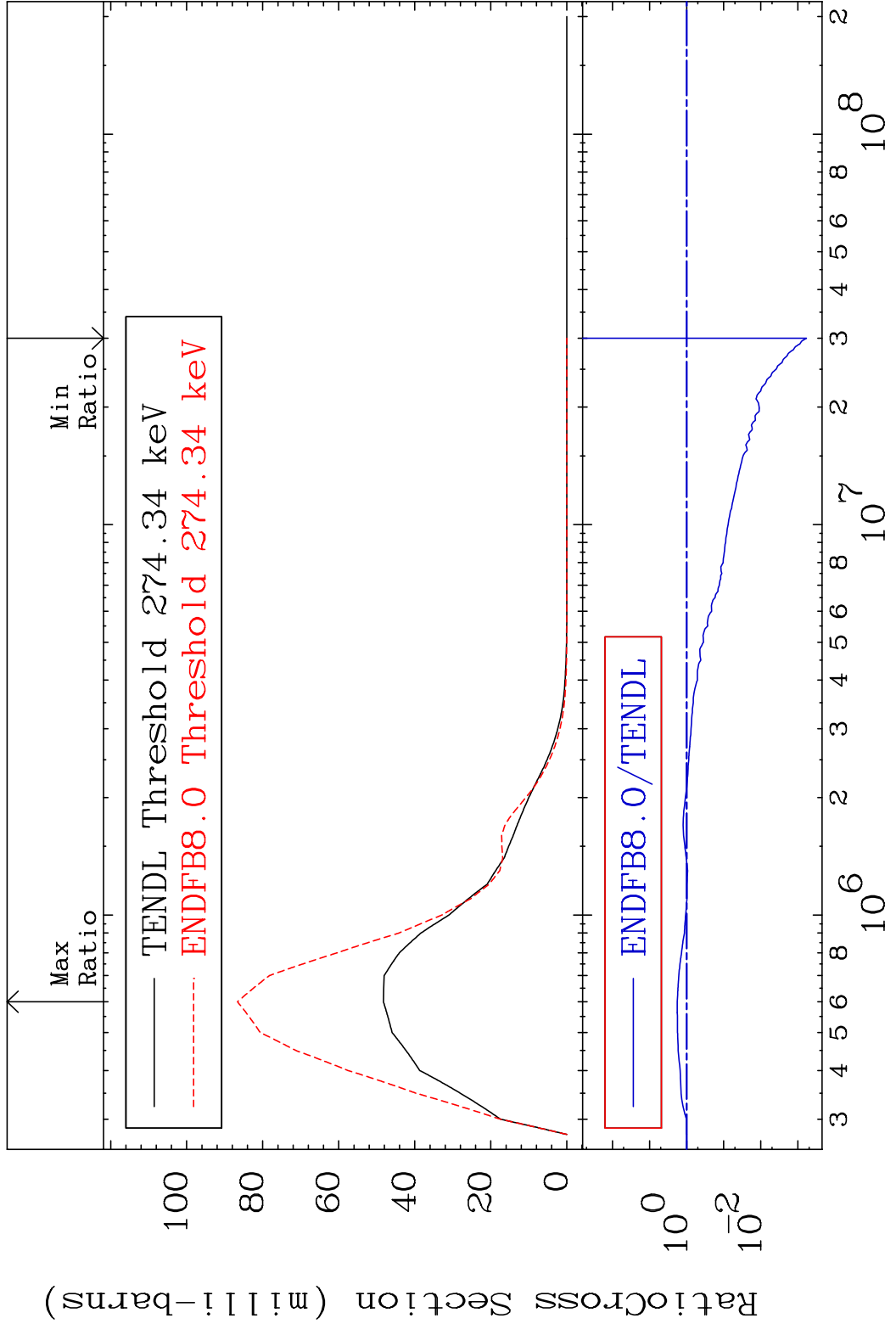
MAT 9543 MT= 57 (n,n') Level 95-Am-241
 Cross Section -100.0 To 0.000 %



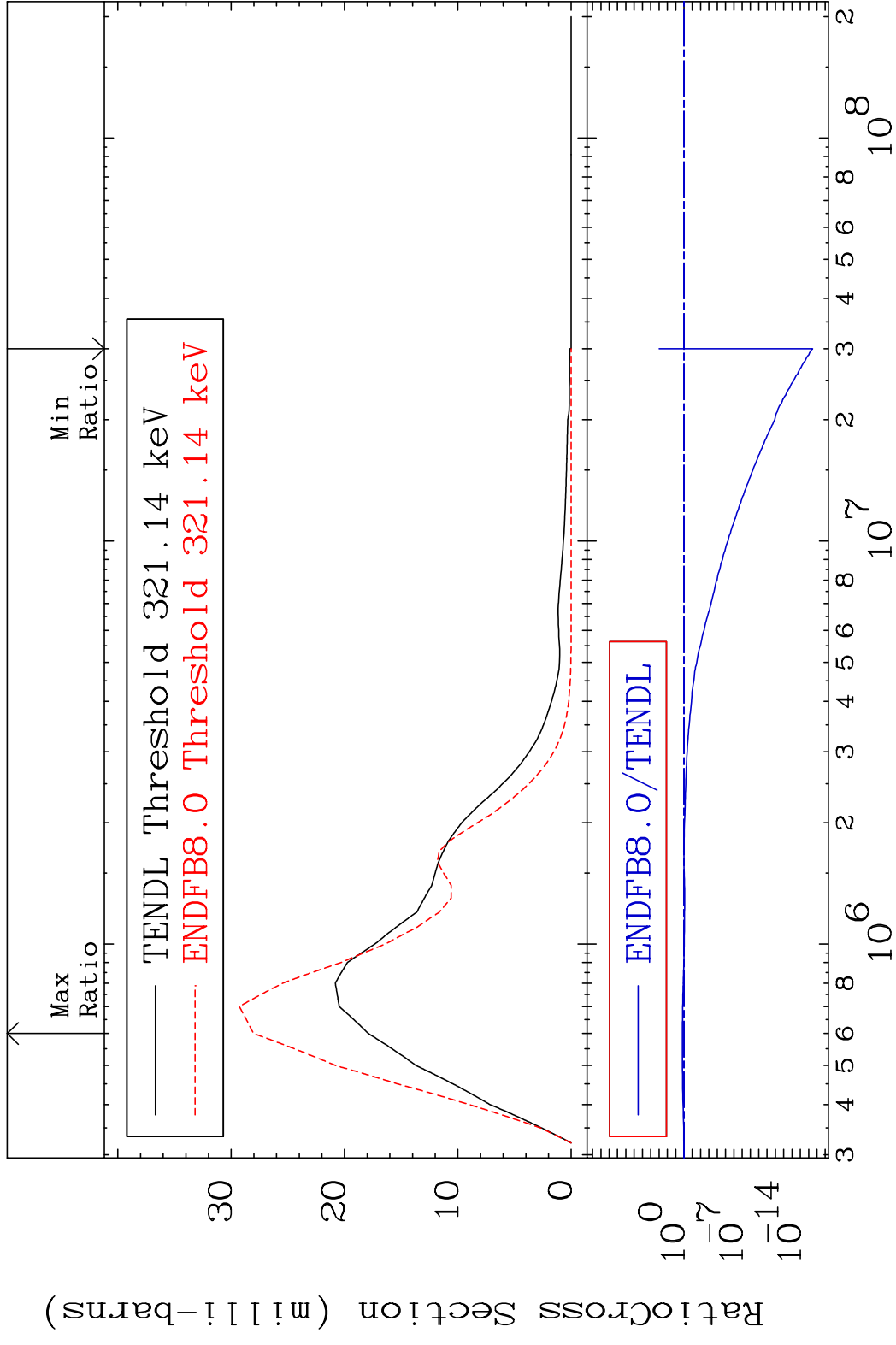
MAT 9543 MT= 58 (n, n') Level 95-Am-241
 Cross Section -100.0 To 158.1 %



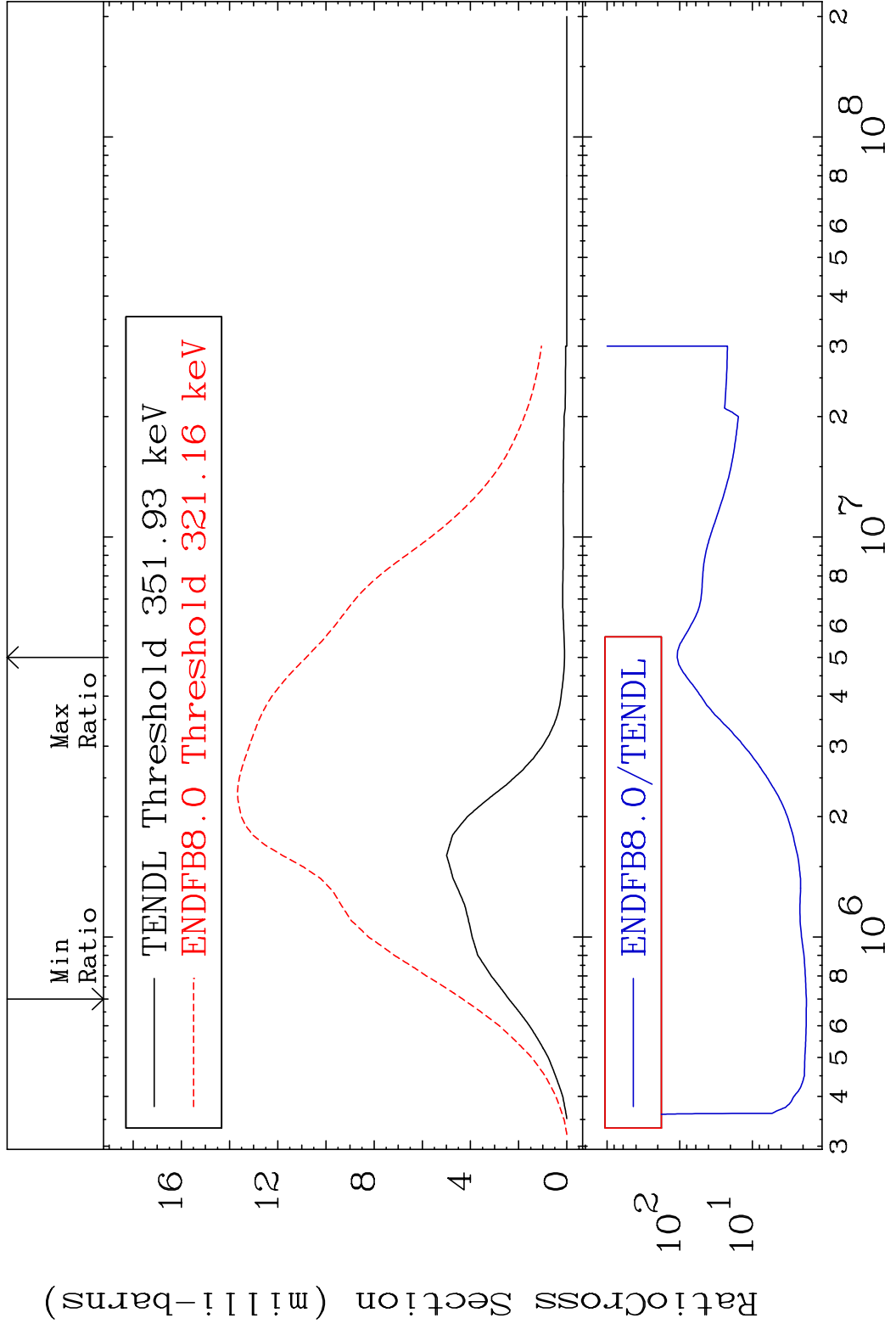
MAT 9543 MT= 59 (n,n') Level 95-Am-241
 Cross Section -99.94 To 79.53 %



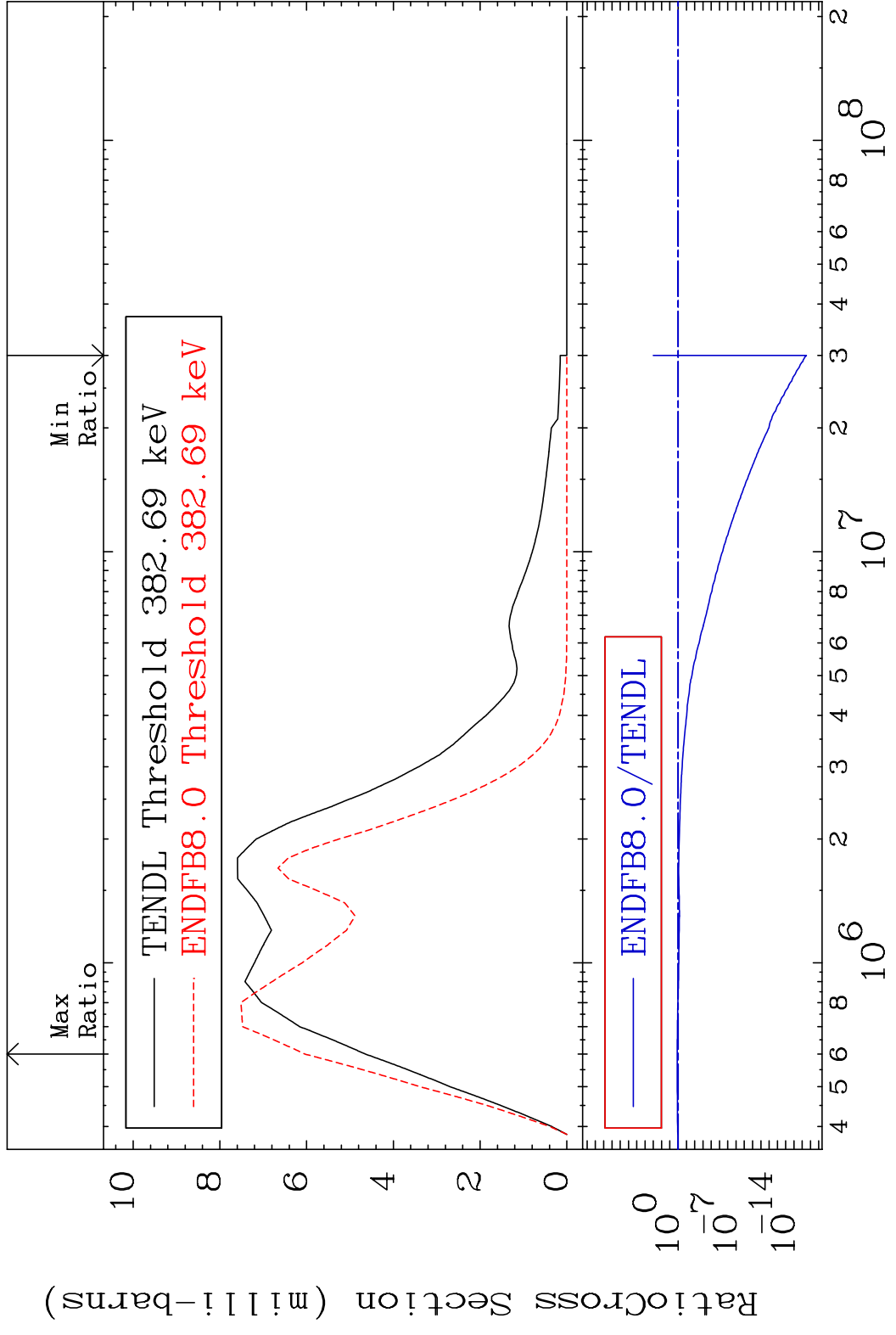
MAT 9543 MT= 60 (n,n') Level 95-Am-241
 Cross Section -100.0 To 56.61 %



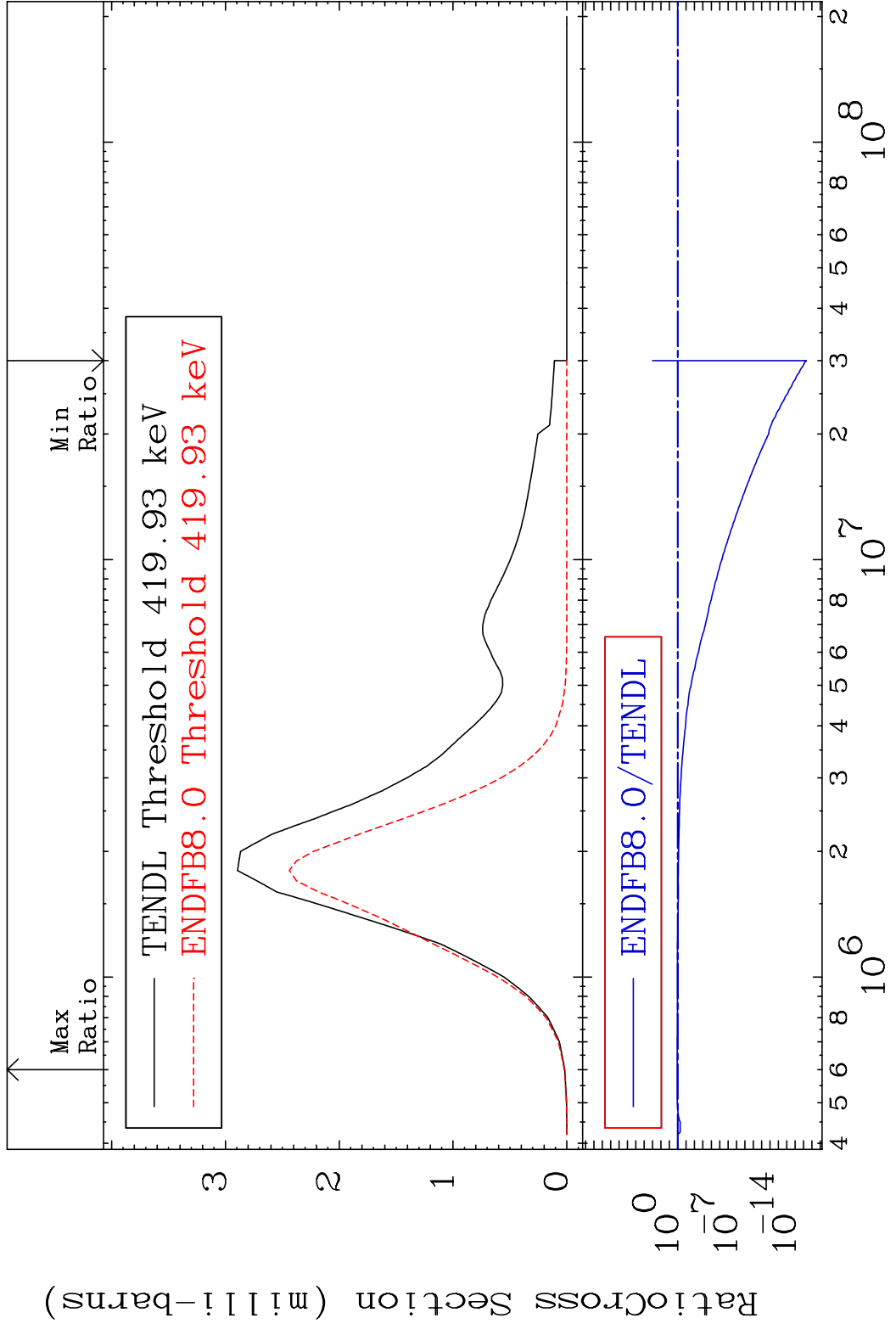
MAT 9543 MT= 61 (n, n') Level 95-Am-241
 Cross Section 79.54 To 9999. %



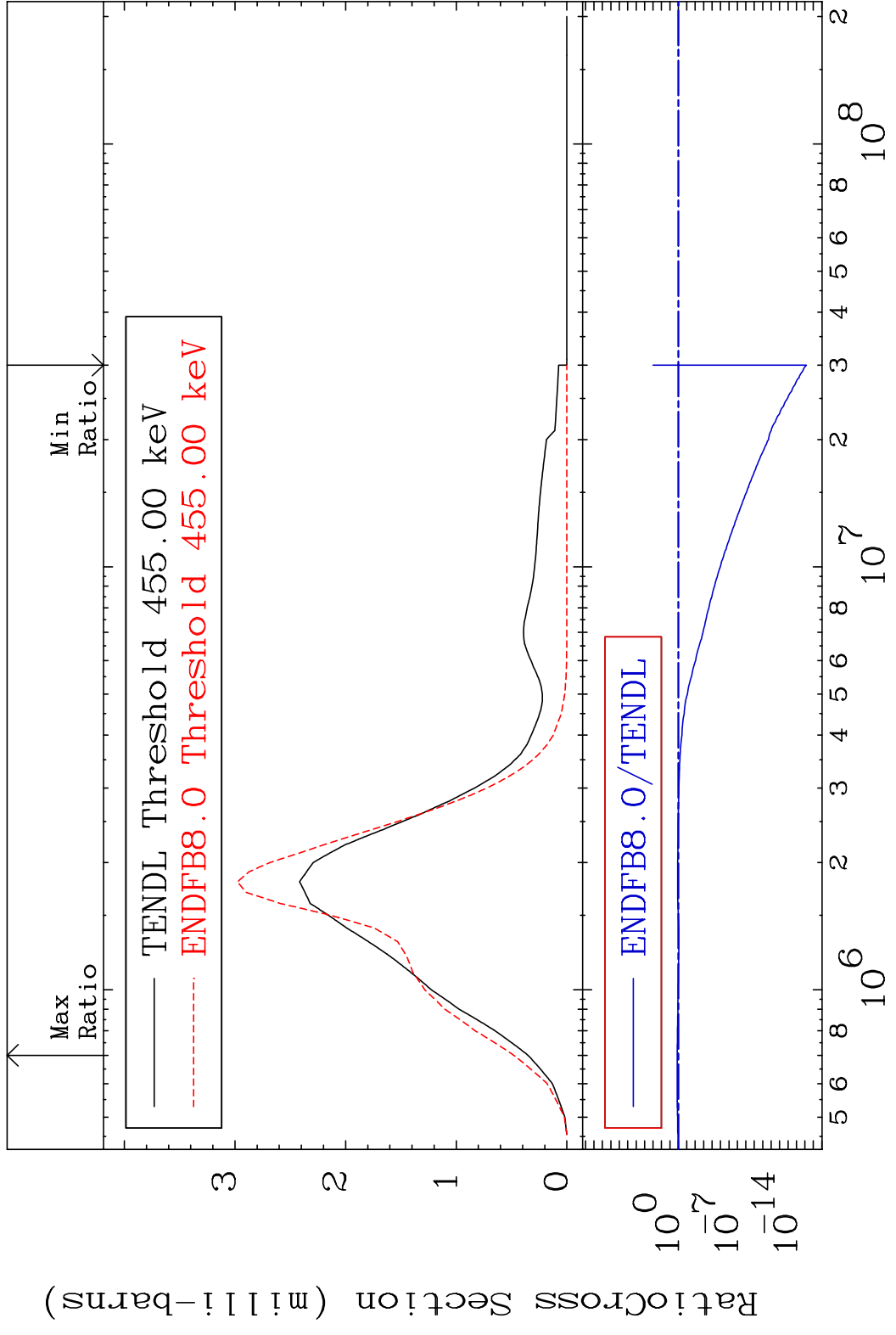
MAT 9543 MT= 62 (n, n') Level 95-Am-241
 Cross Section -100.0 To 30.03 %



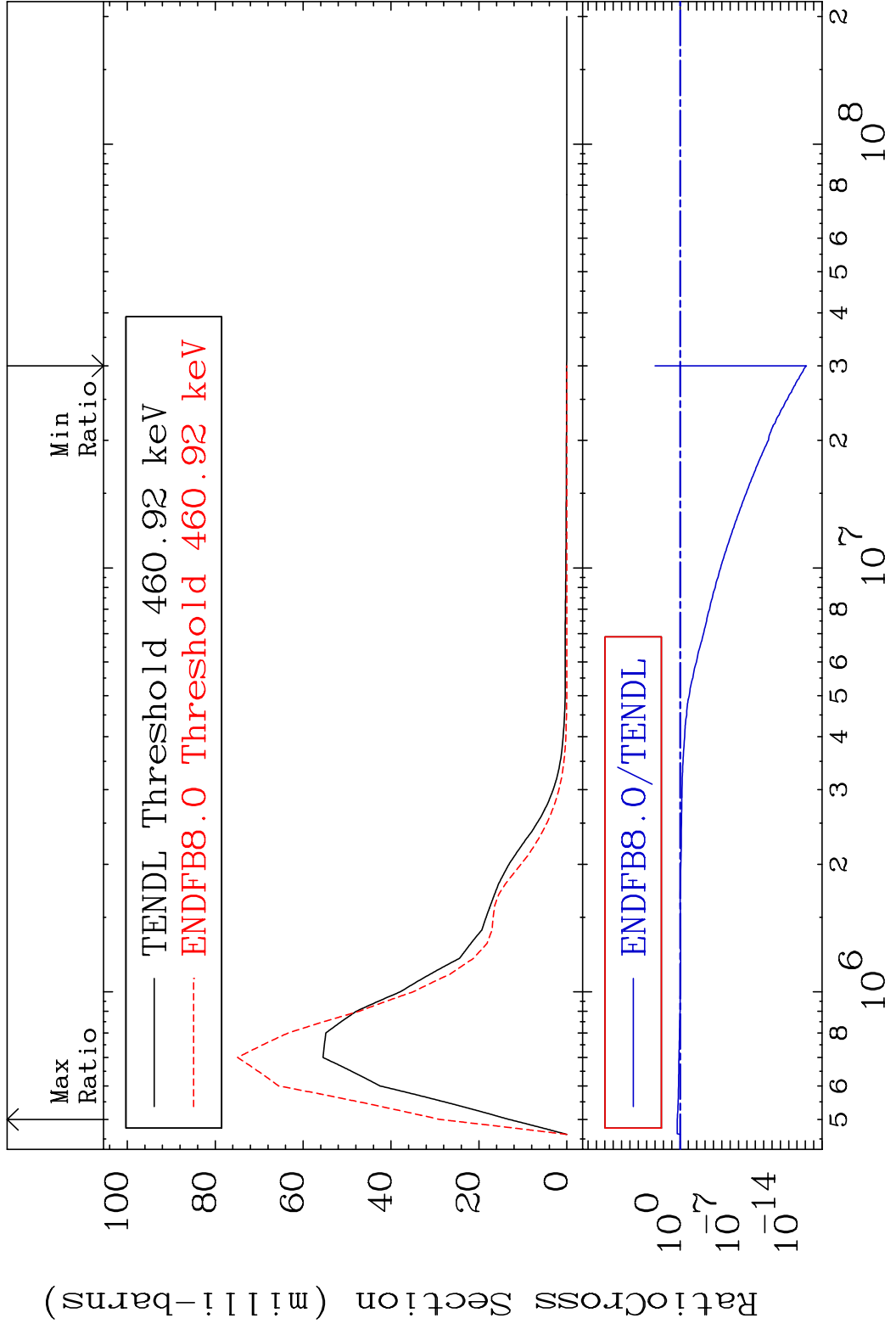
MAT 9543 MT= 63 (n, n') Level 95-Am-241
 Cross Section -100.0 To 16.23 %



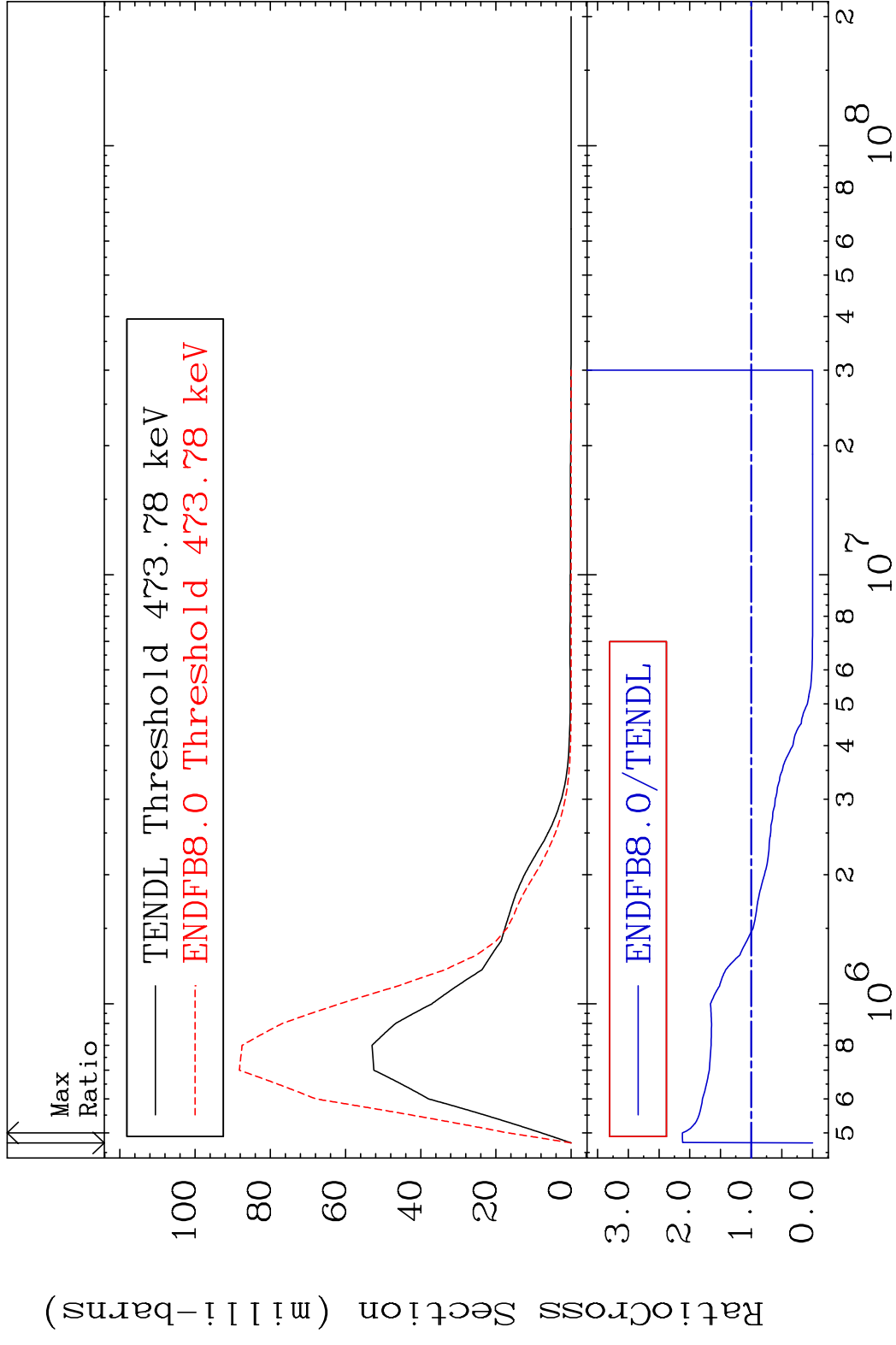
MAT 9543 MT= 64 (n, n') Level 95-Am-241
 Cross Section -100.0 To 36.57 %



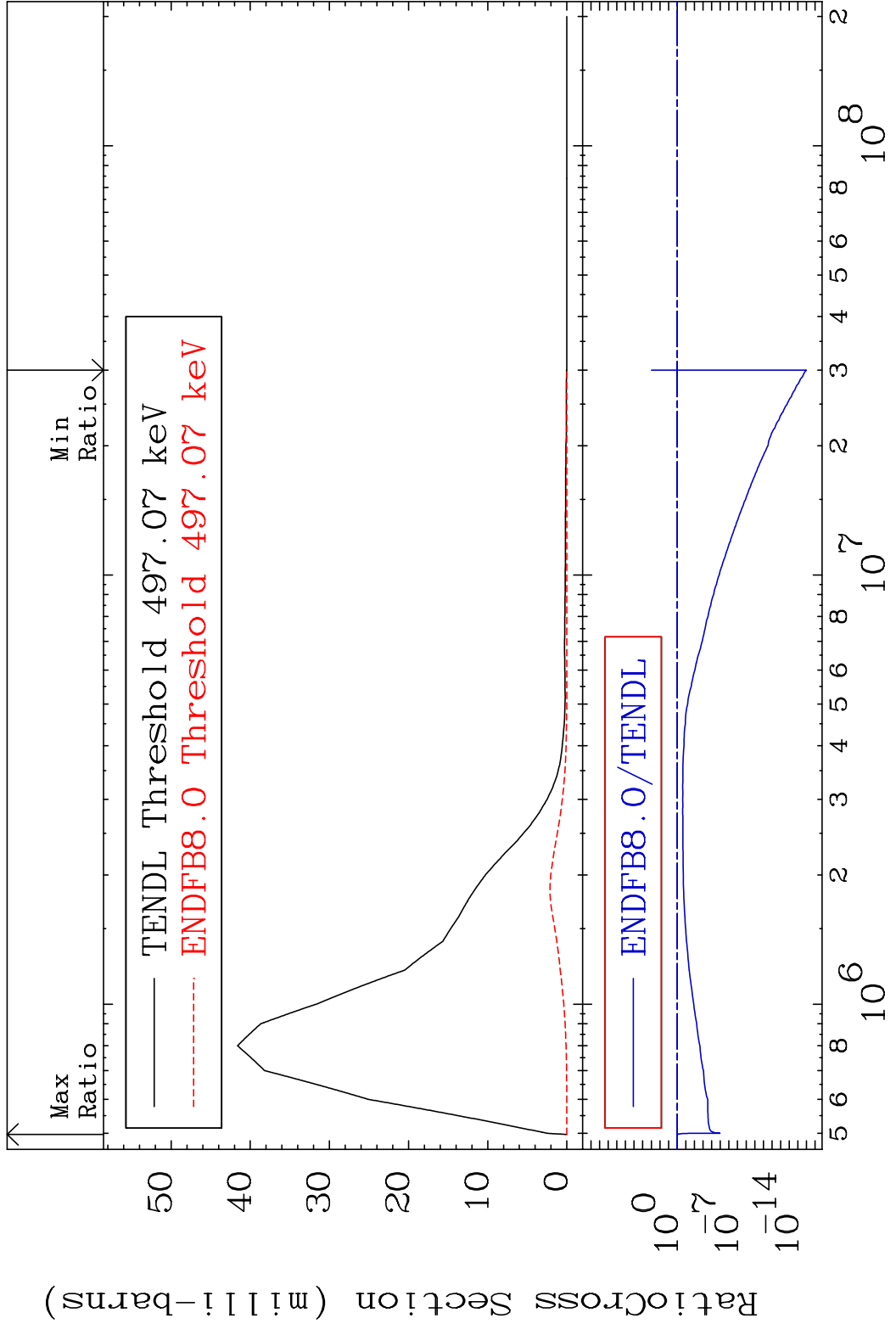
MAT 9543 MT= 65 (n, n') Level 95-Am-241
 Cross Section -100.0 To 120.2 %



MAT 9543 MT= 66 (n,n') Level 95-Am-241
 Cross Section -100.0 To 112.0 %



MAT 9543 MT= 67 (n, n') Level 95-Am-241
 Cross Section -100.0 To 0.000 %

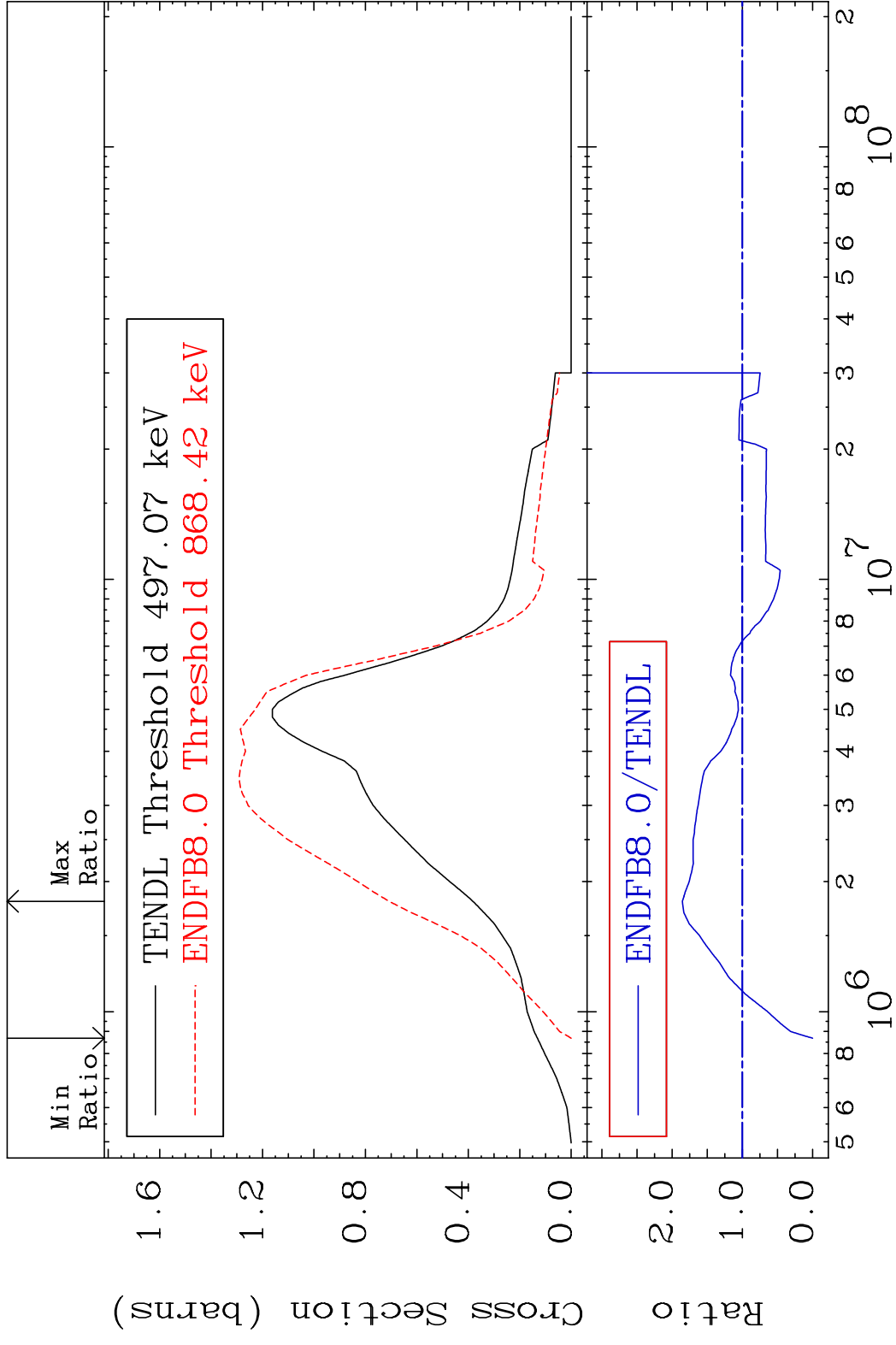


MAT 9543

(n, n') Continuum

95-Am-241

Cross Section -100.0 To 85.46 %

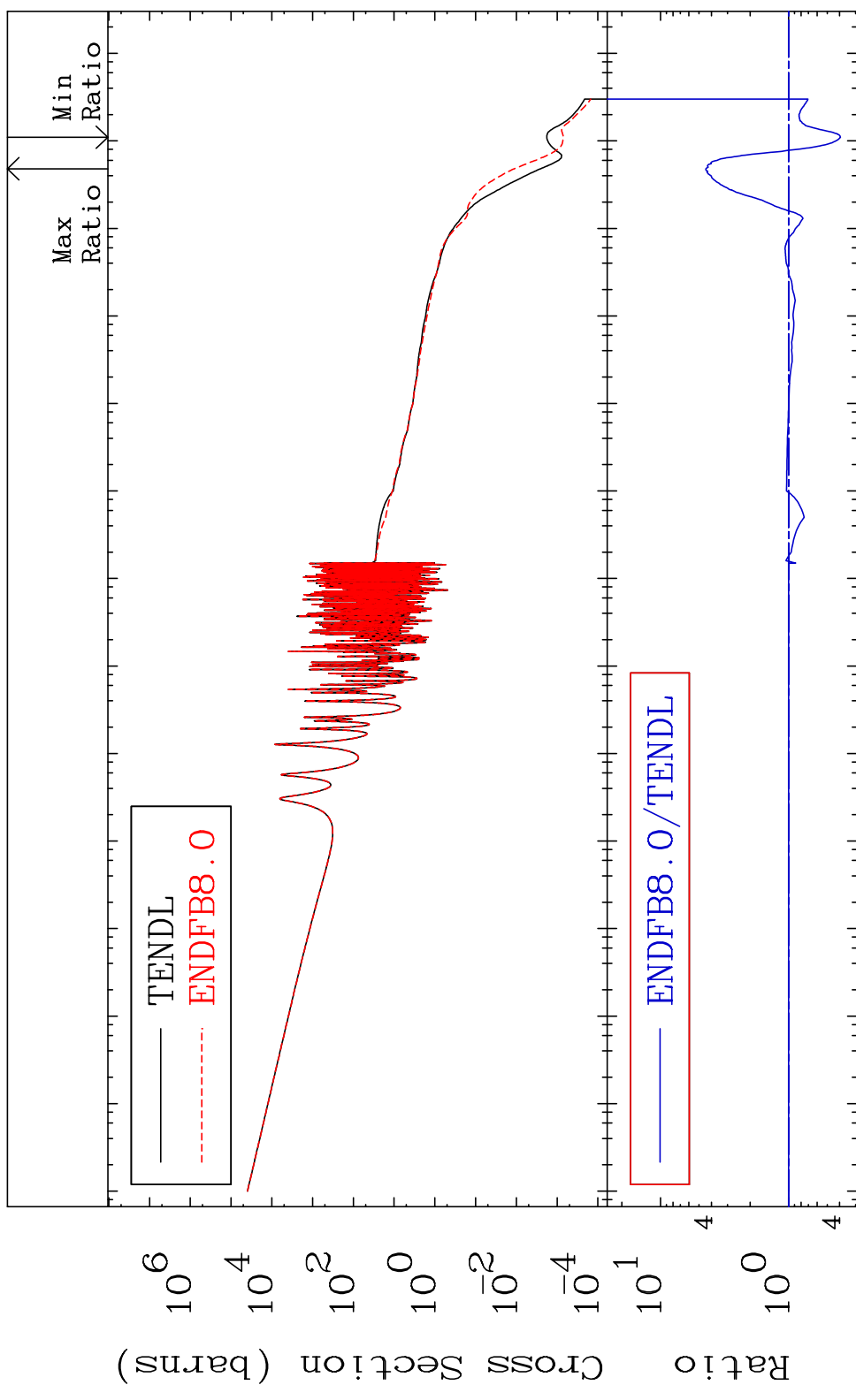


MAT 9543

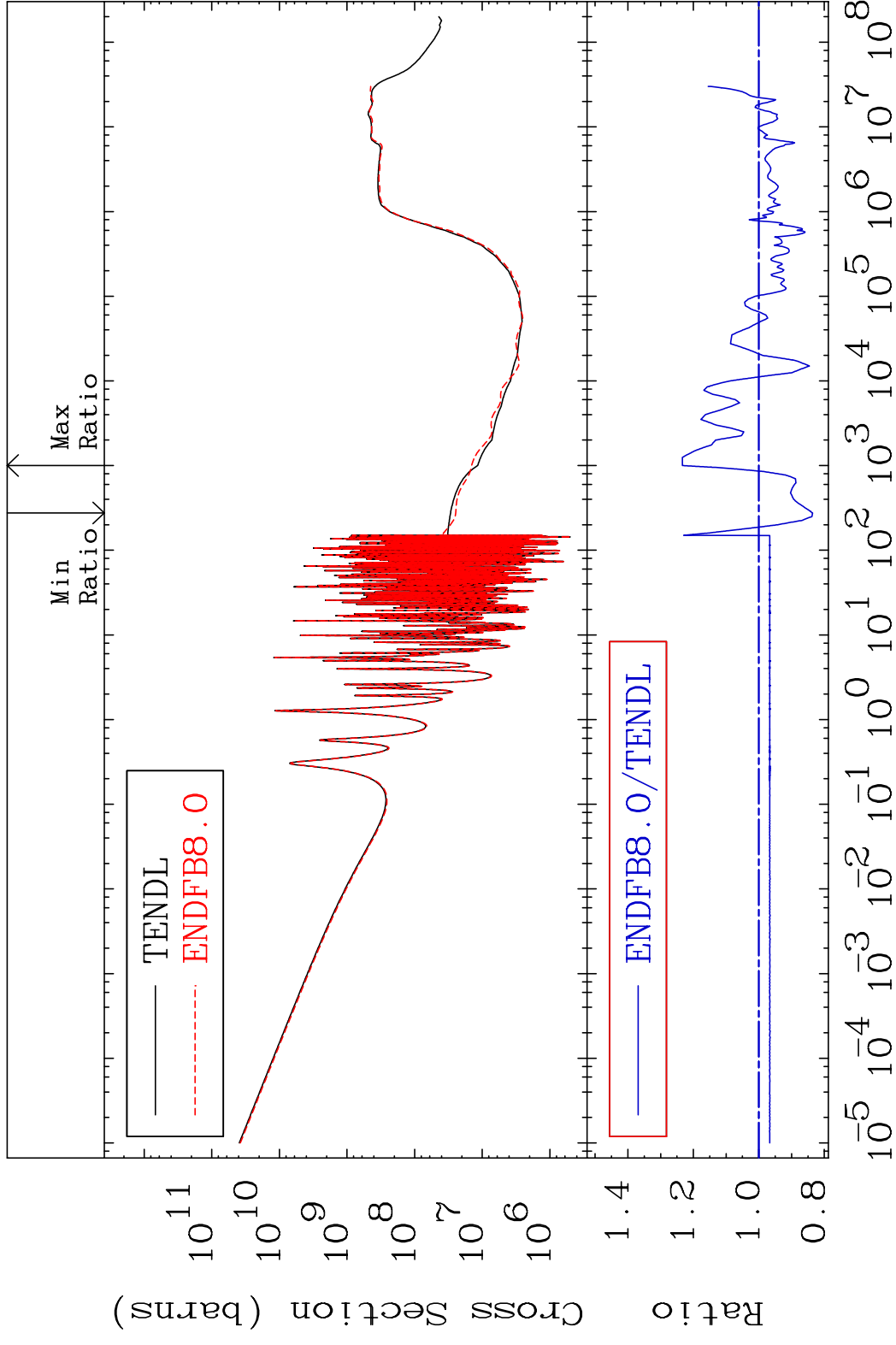
(n, γ)

95-Am-241

Cross Section -60.61 To 343.2 %



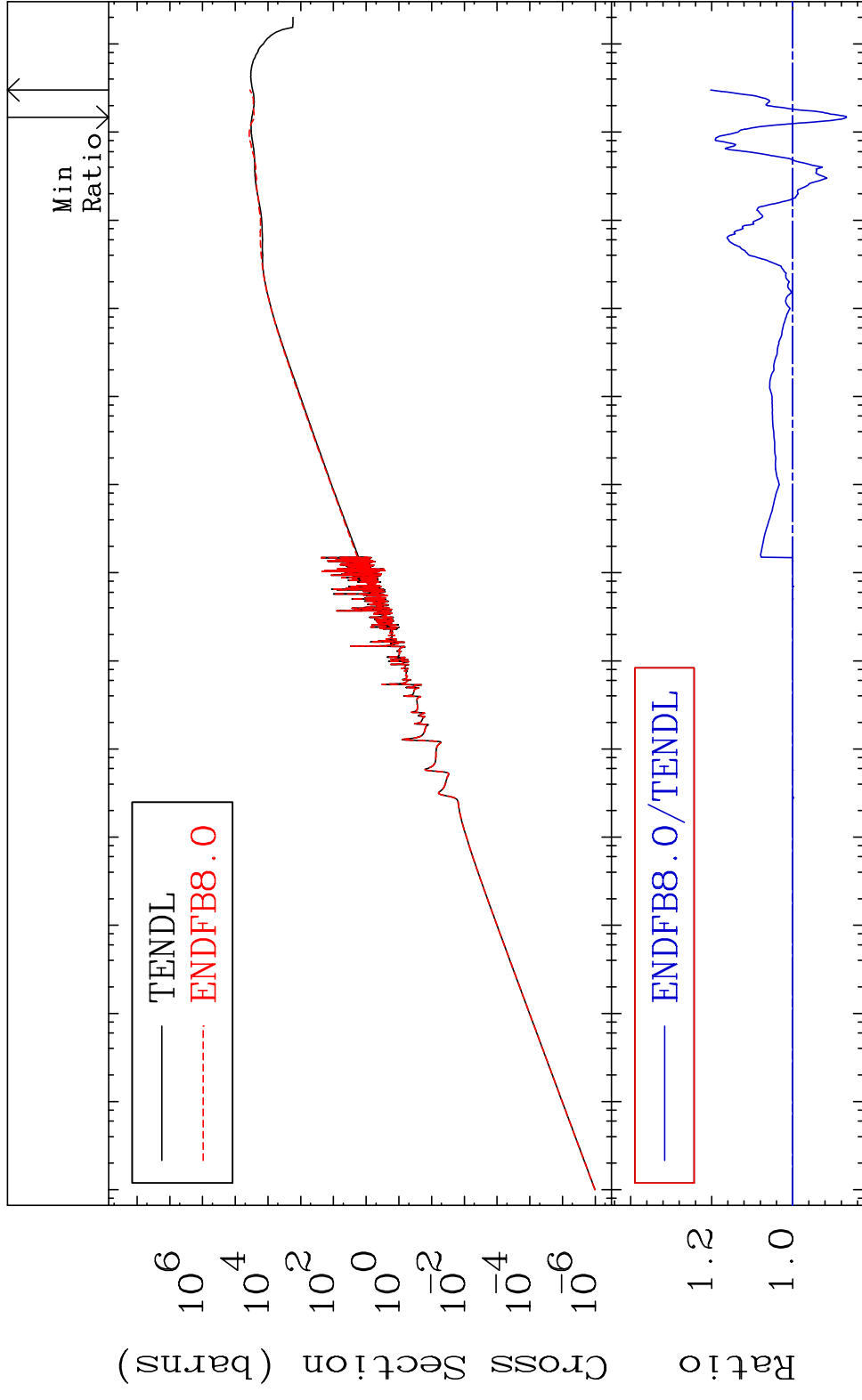
MAT 9543 Kerma total (eV-barns) 95-Am-241
 Cross Section -16.41 To 23.36 %



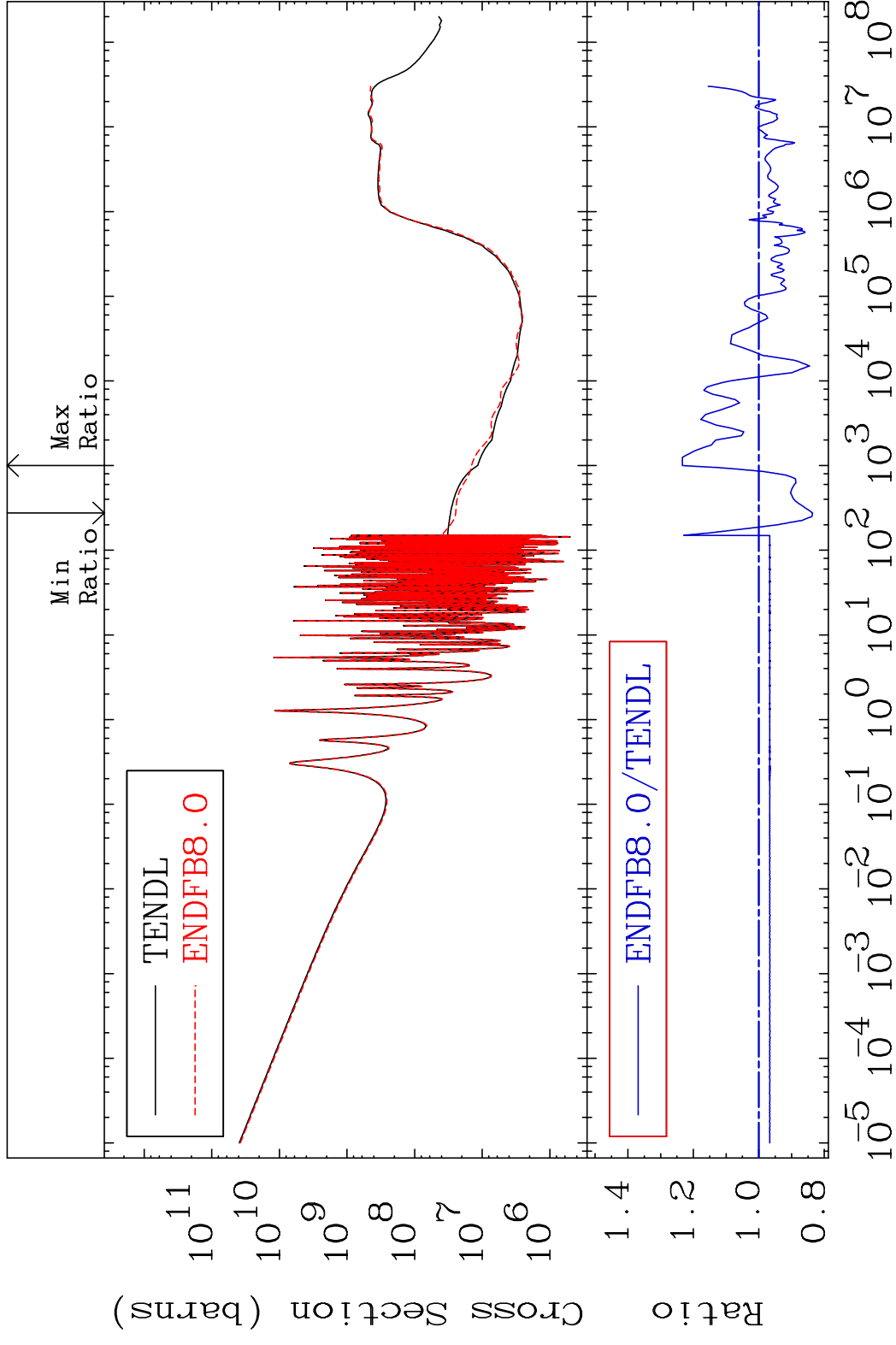
MAT 9543

Kerma elastic
Cross Section -13.24 To 20.24 %

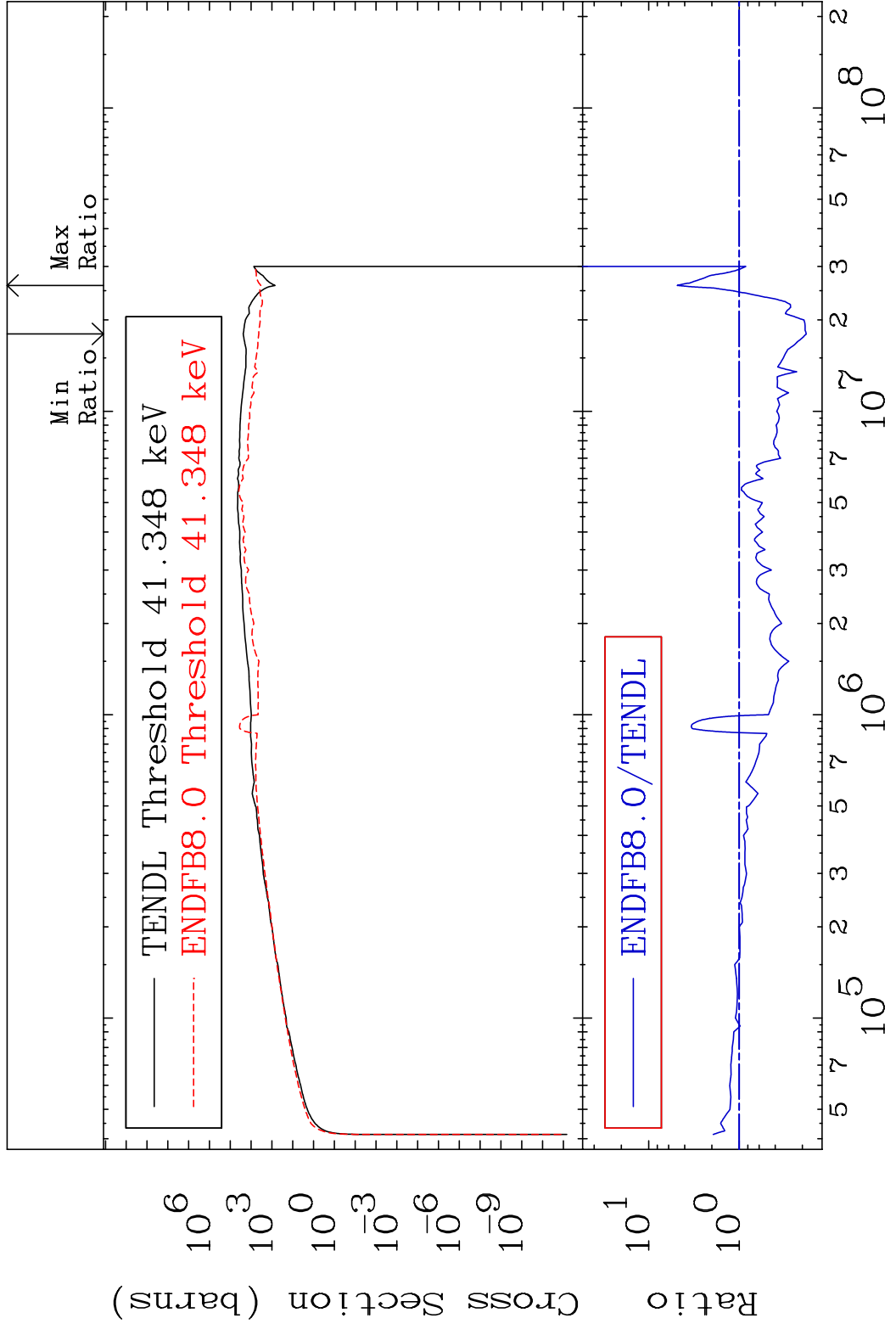
95-Am-241



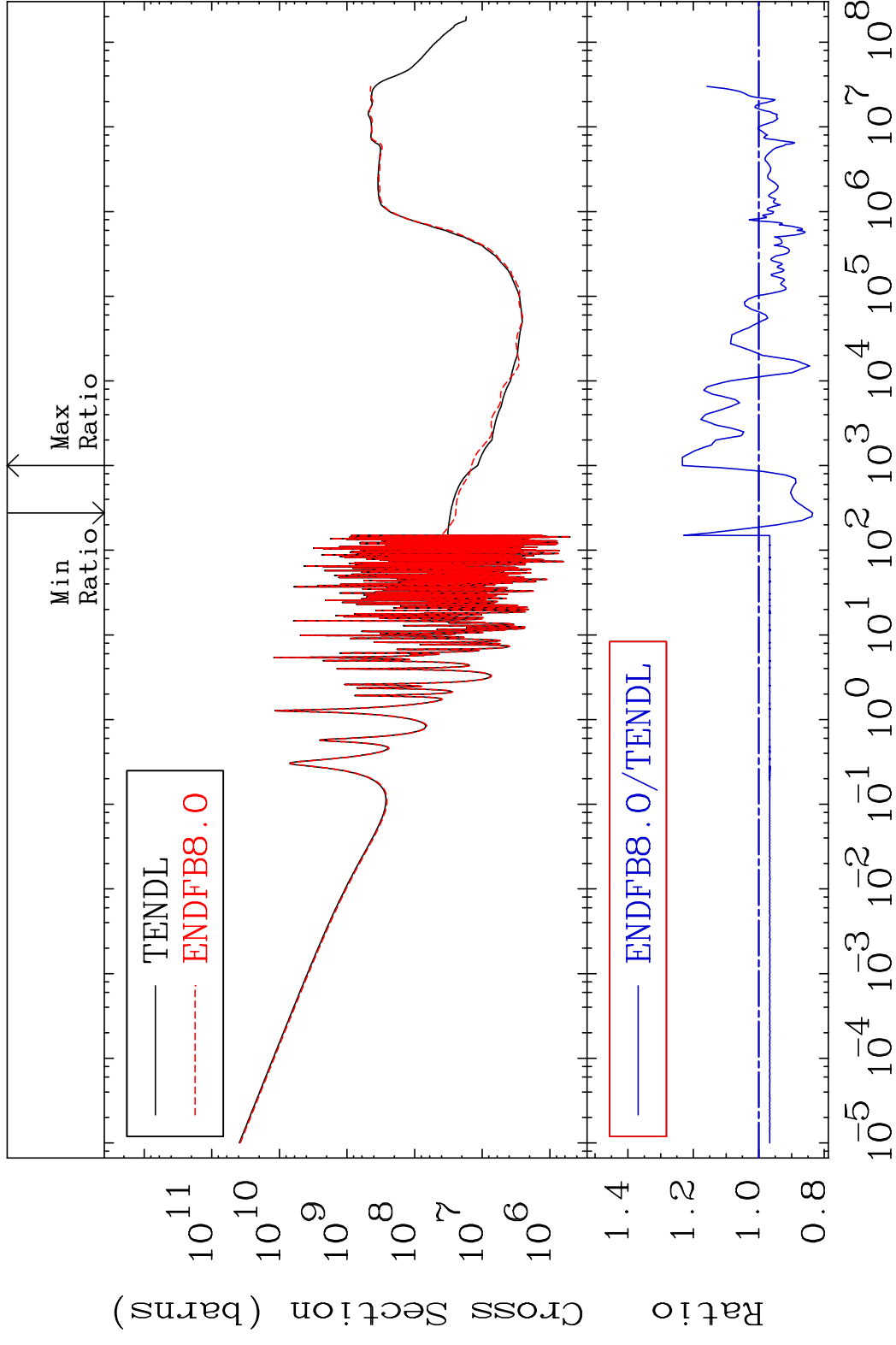
MAT 9543 Kerma non-elastic (all but mt2) 95-Am-241
 Cross Section -16.41 To 23.36 %



MAT 9543 Kerma inelastic (mt51-91) 95-Am-241
 Cross Section -81.92 To 383.7 %

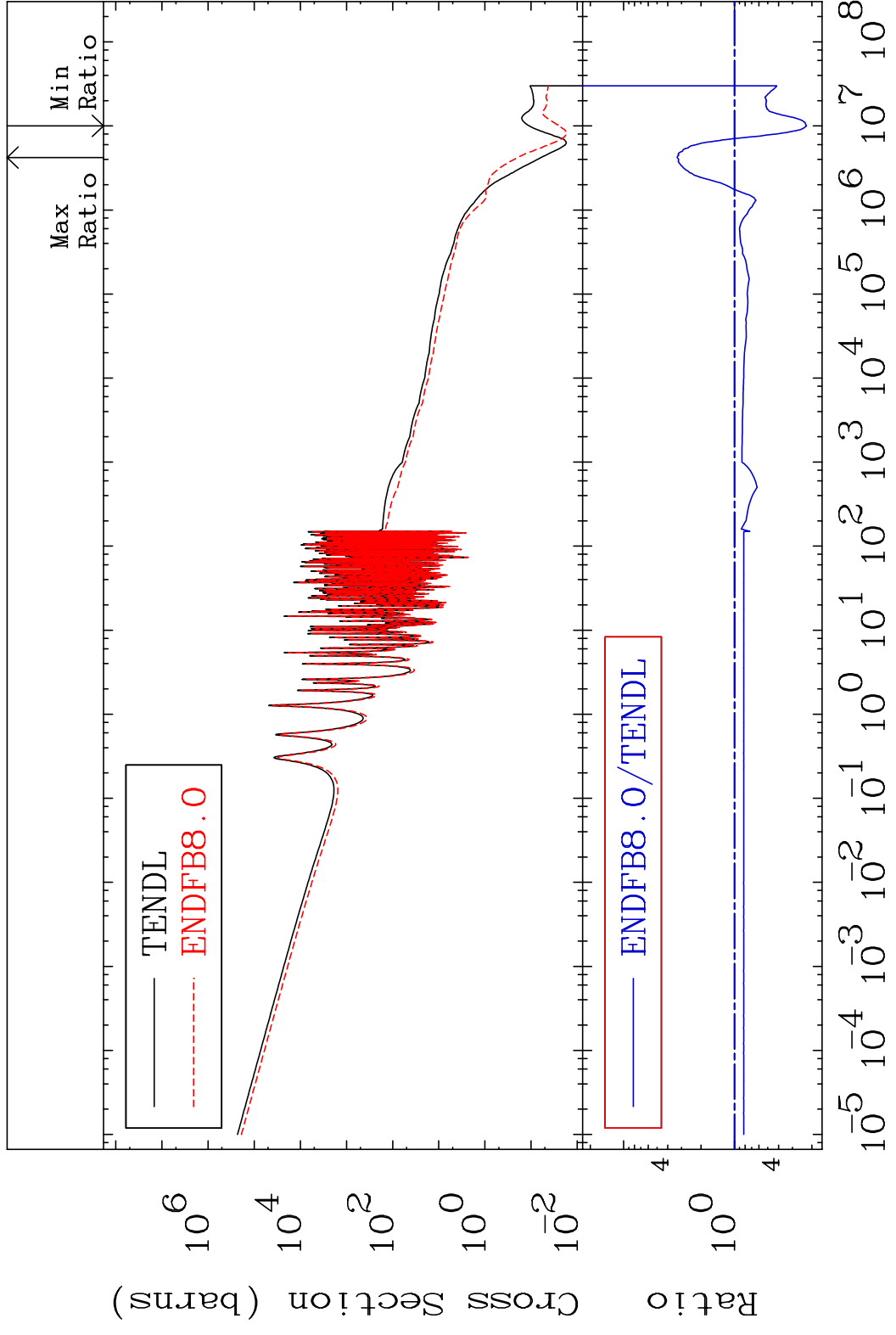


MAT 9543 Kerma fission (mt18 or mt19-20-21-38) 95-Am-241
 Cross Section -16.41 To 23.36 %

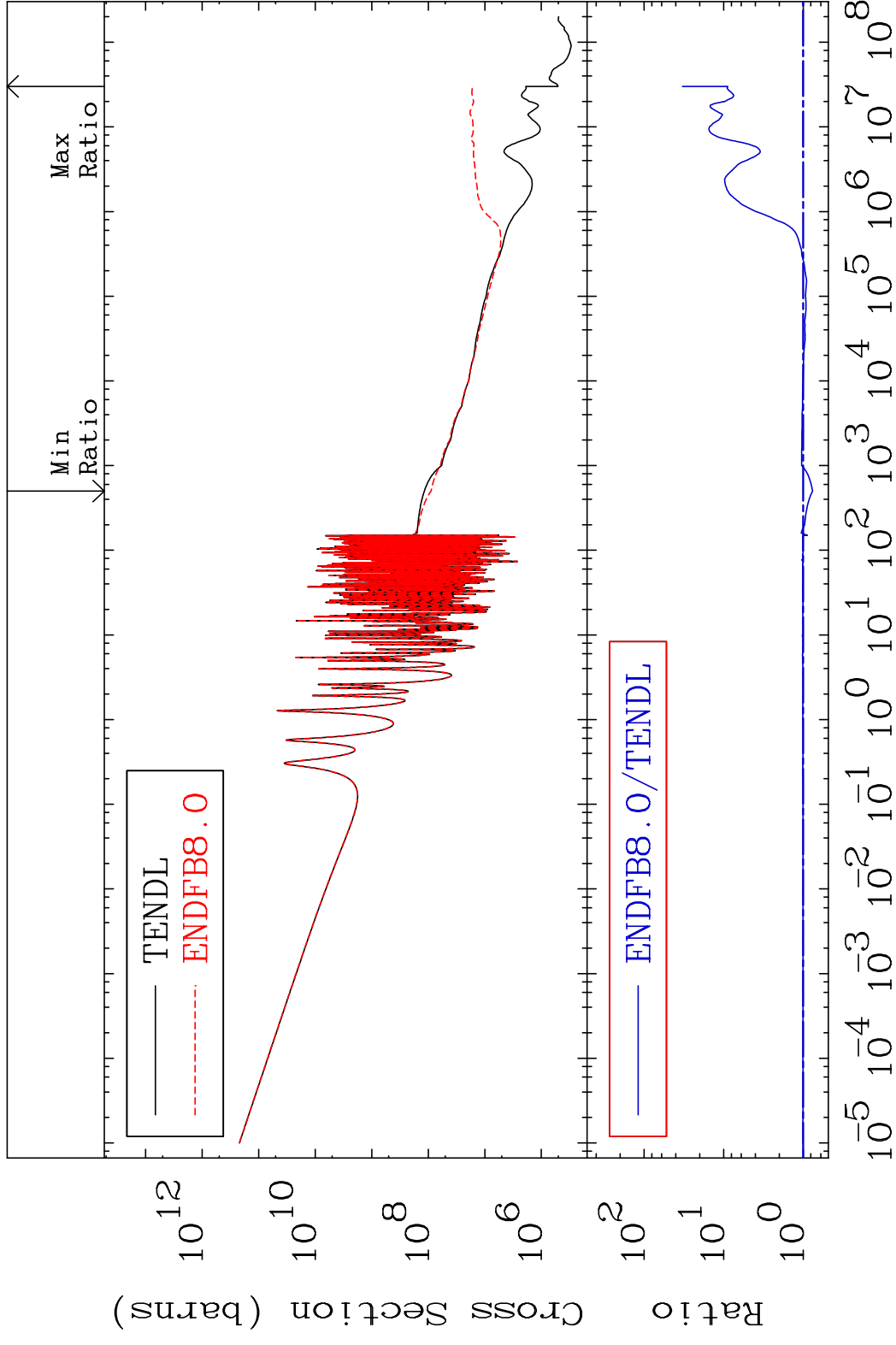


MAT 9543

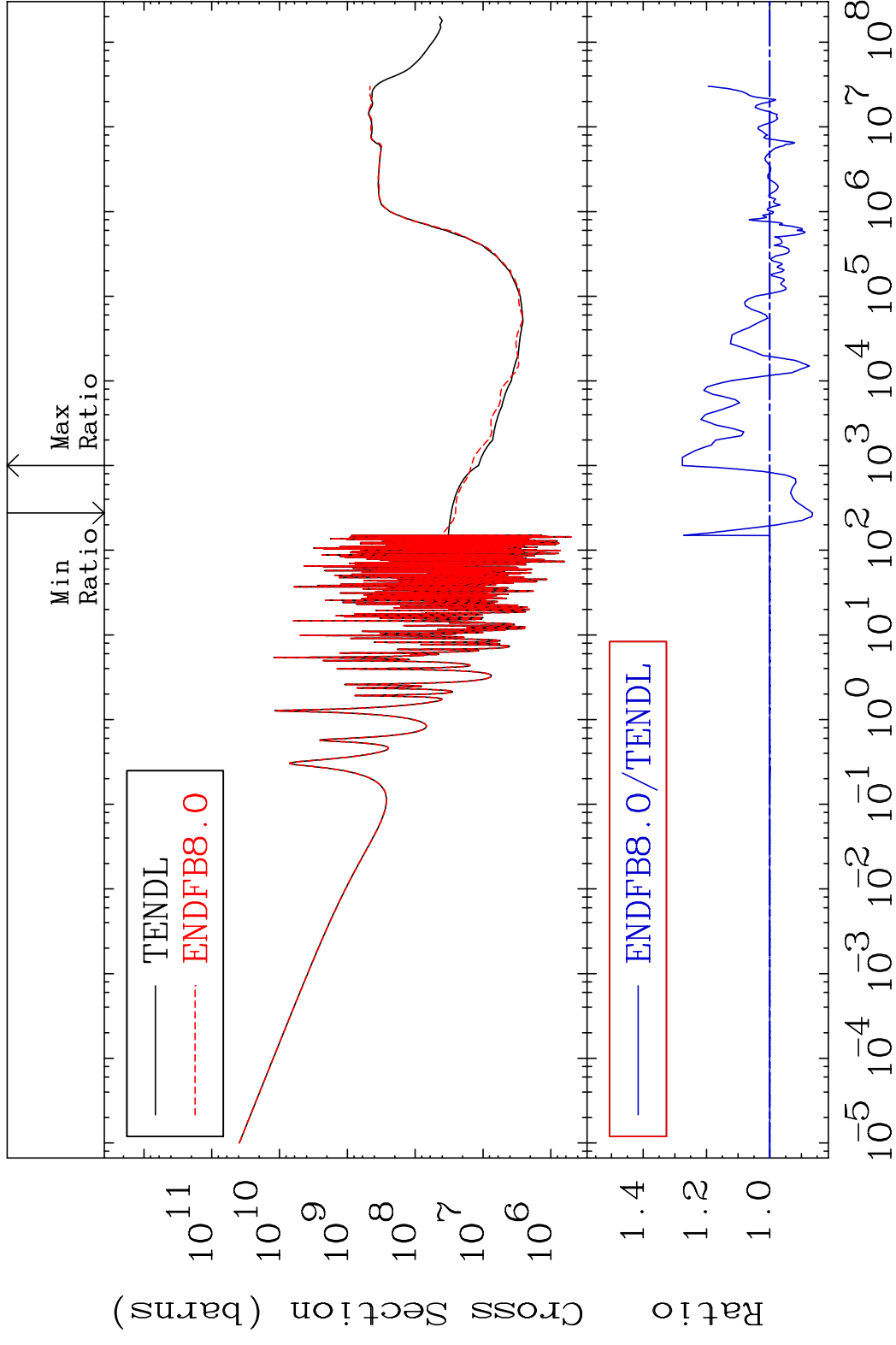
Kerma capture (mt102) 95-Am-241
Cross Section -77.58 To 228.6 %



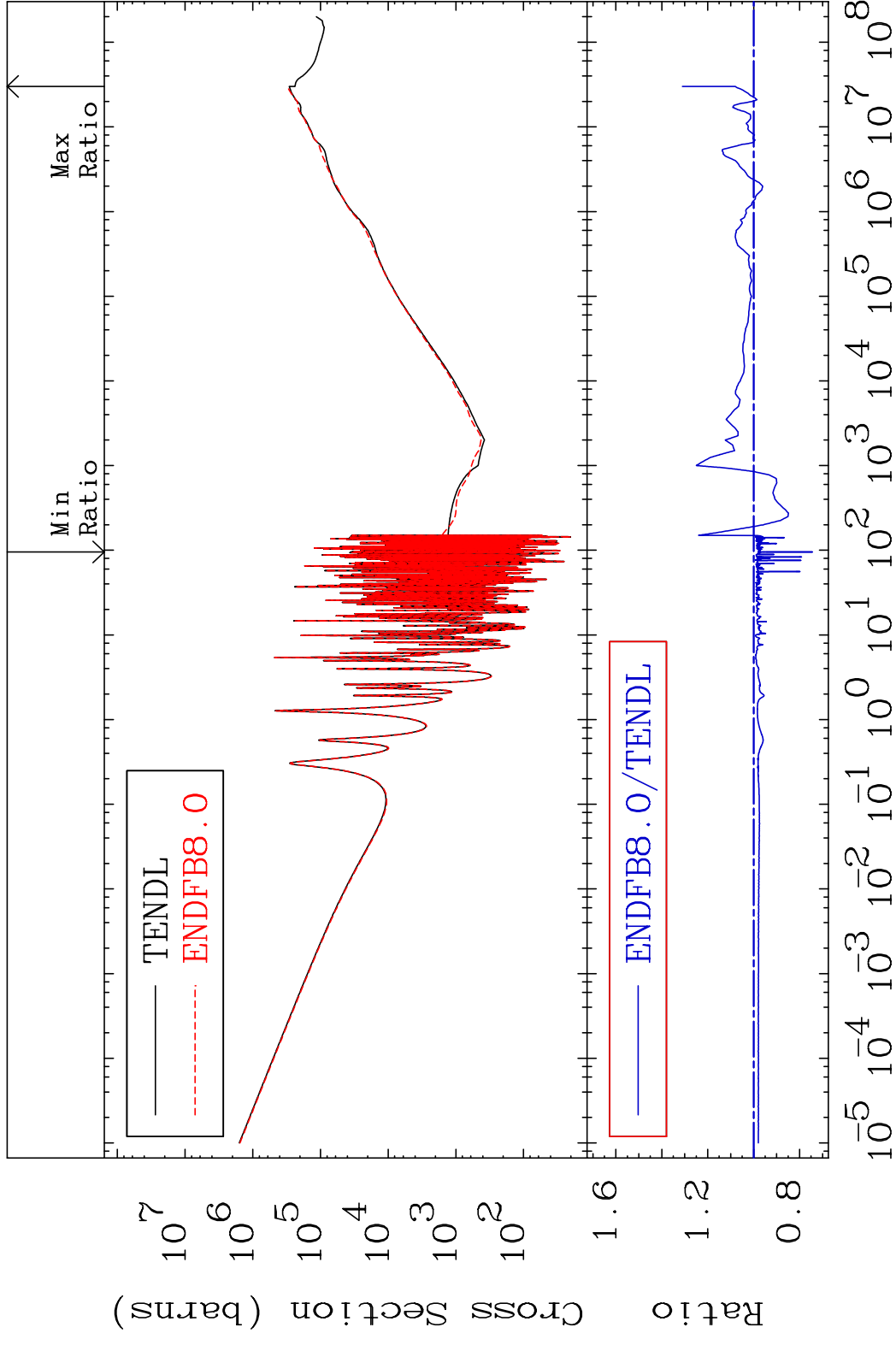
MAT 9543 Total photon (eV-barns) 95-Am-241
 Cross Section -23.85 To 3203. %



MAT 9543 Total kinematic kerma (high limit) 95-Am-241
 Cross Section -13.52 To 27.63 %



MAT 9543 Dpa total (eV-barns) 95-Am-241
 Cross Section -25.65 To 31.05 %

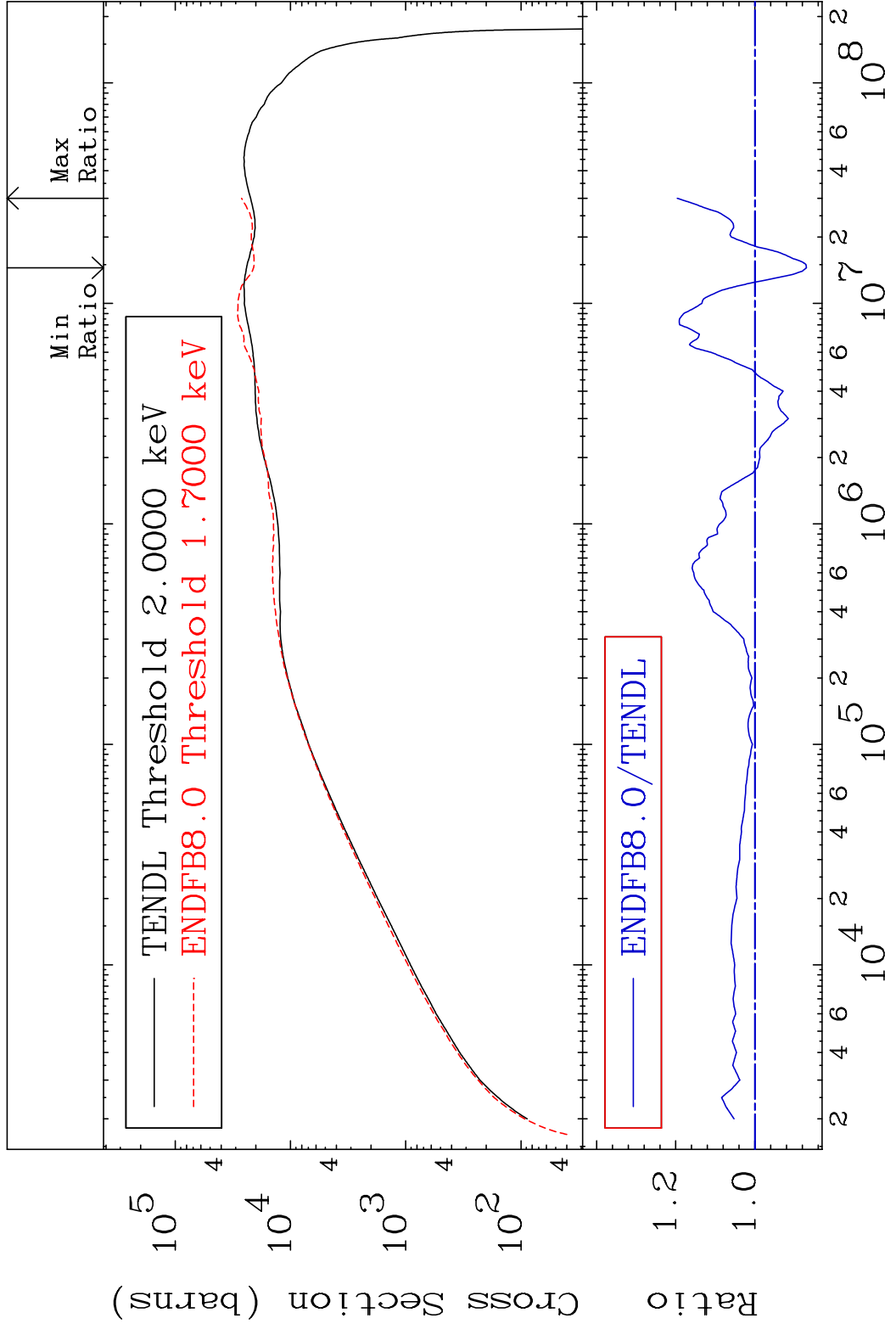


MAT 9543

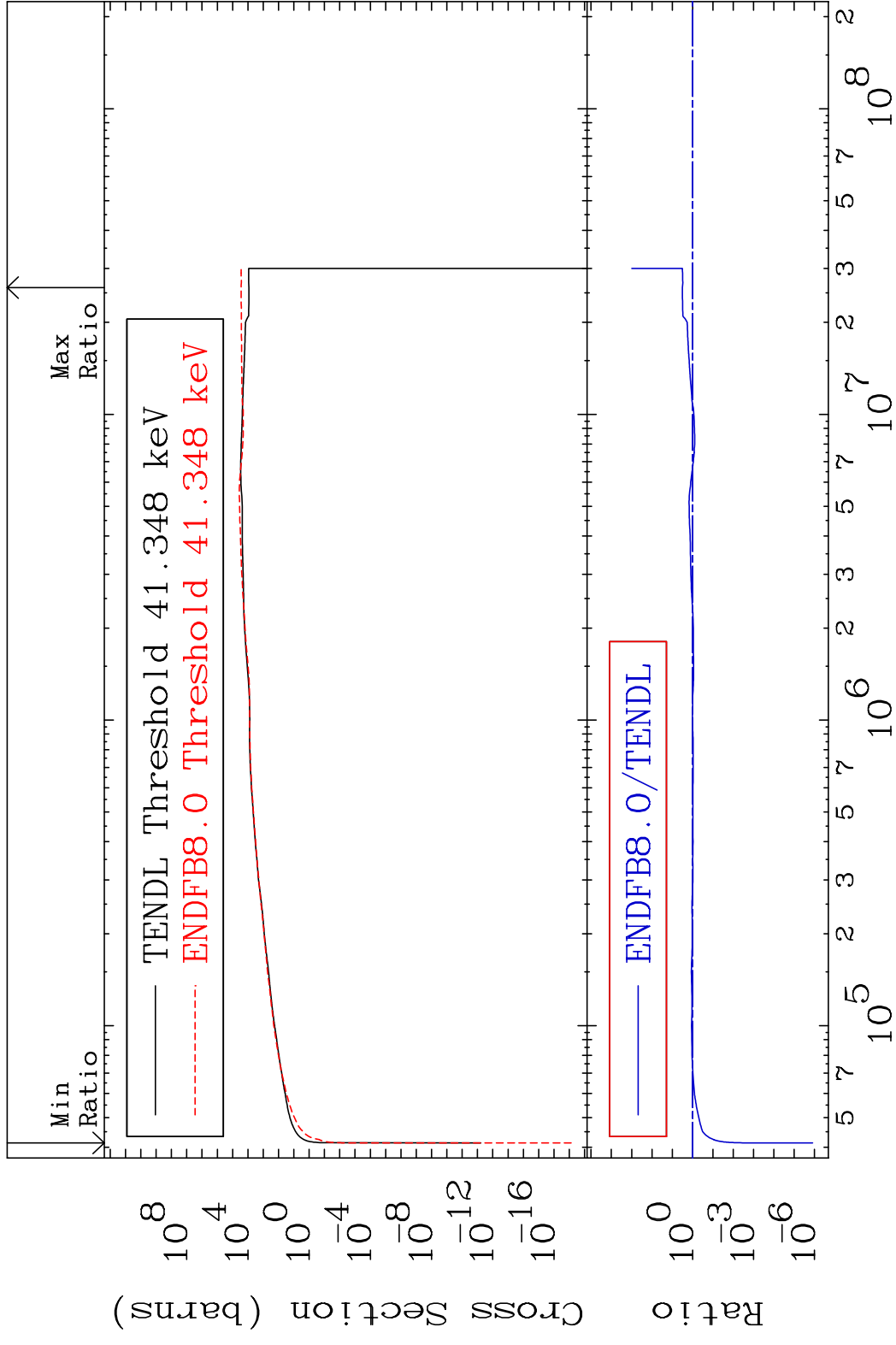
Dpa elastic (mt2)

95-Am-241

Cross Section -13.00 To 19.64 %



MAT 9543 Dpa inelastic (mt51-91) 95-Am-241
 Cross Section -100.0 To 218.6 %



MAT 9543 Dpa disappearance (mt102 -120) 95-Am-241
 Cross Section -100.0 To 103.2 %

