

Program Complot
(Version 2021-1)

by

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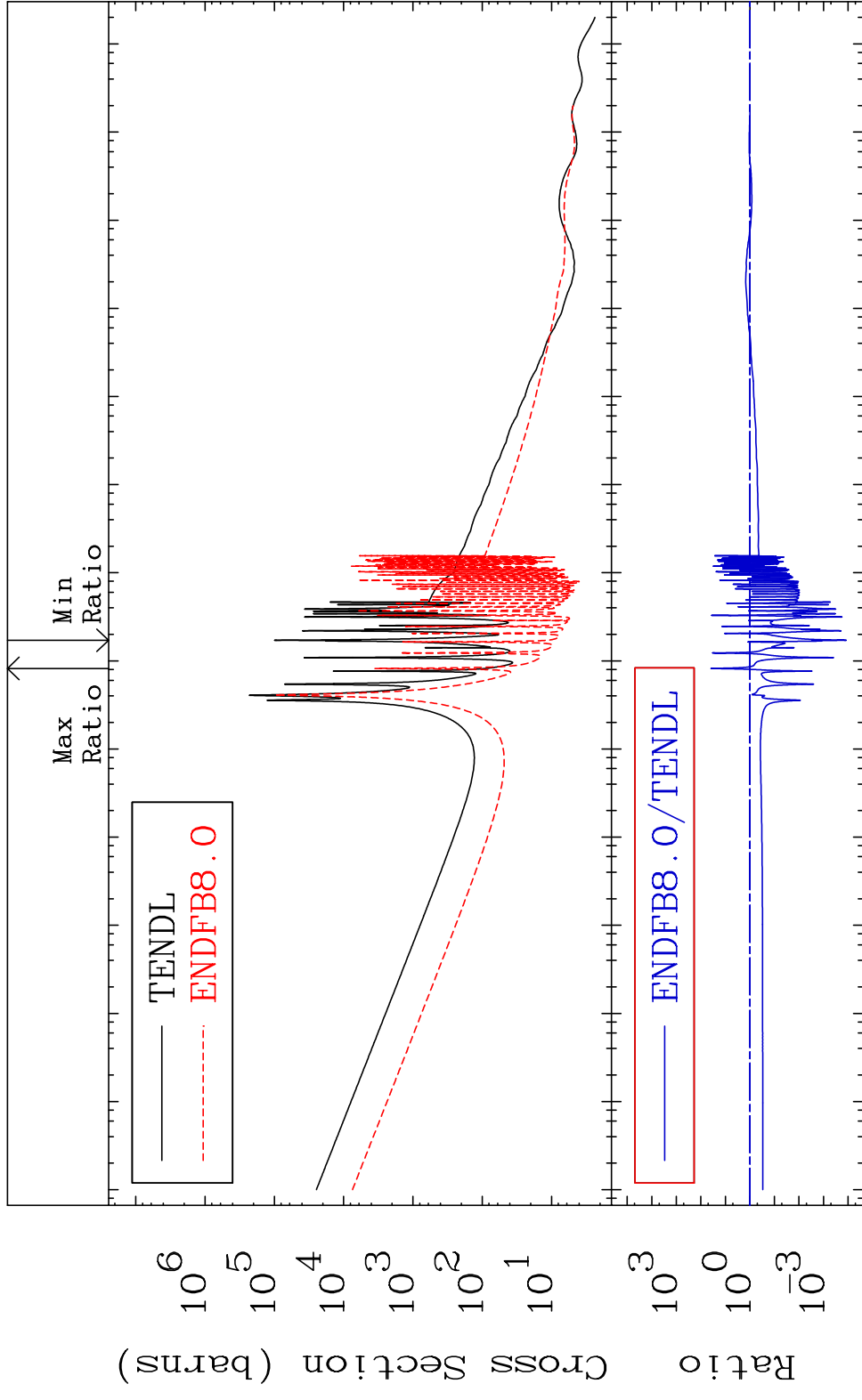
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6161

Total 61-Pm-151

Cross Section -99.99 To 3853. %

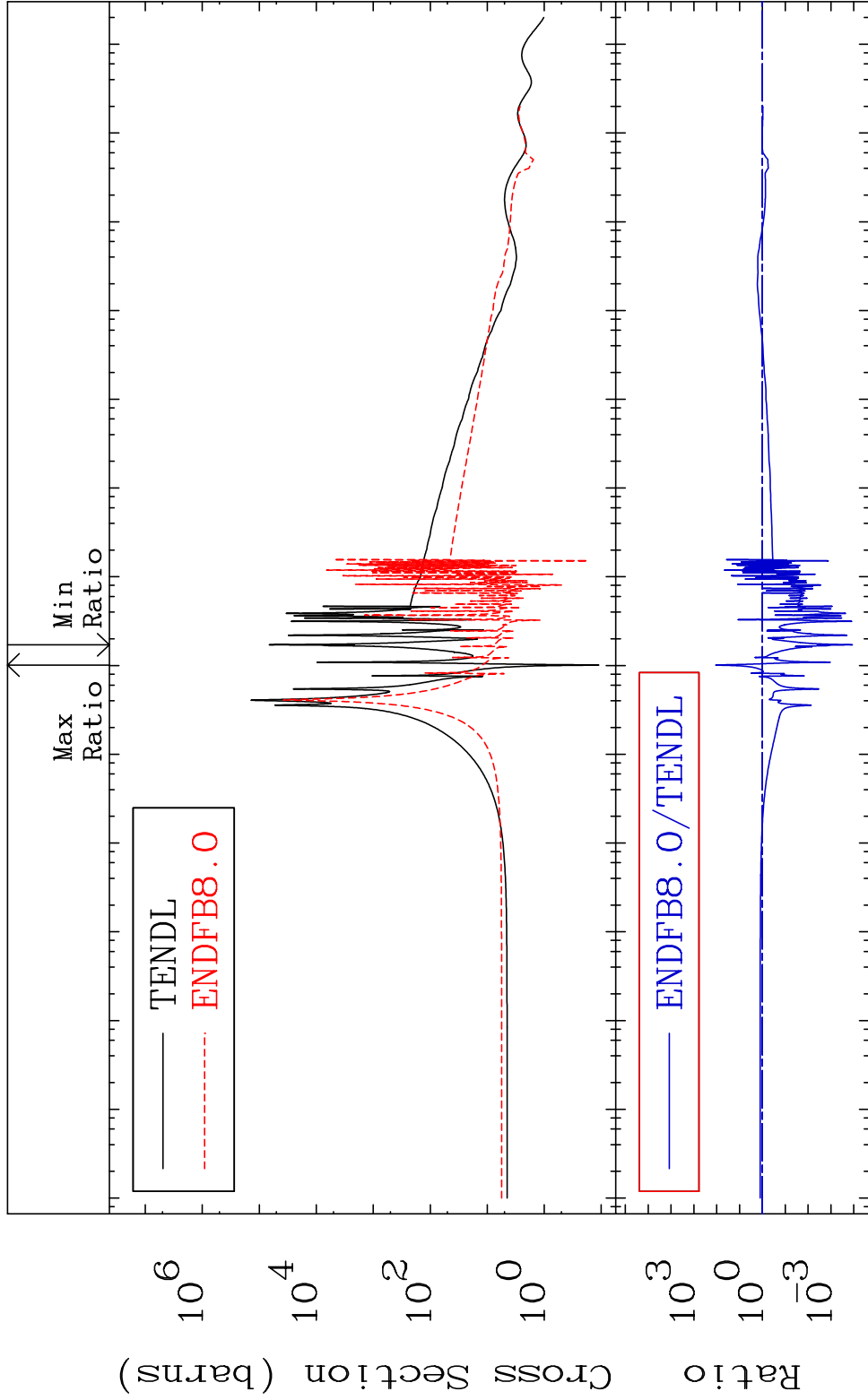


MAT 6161

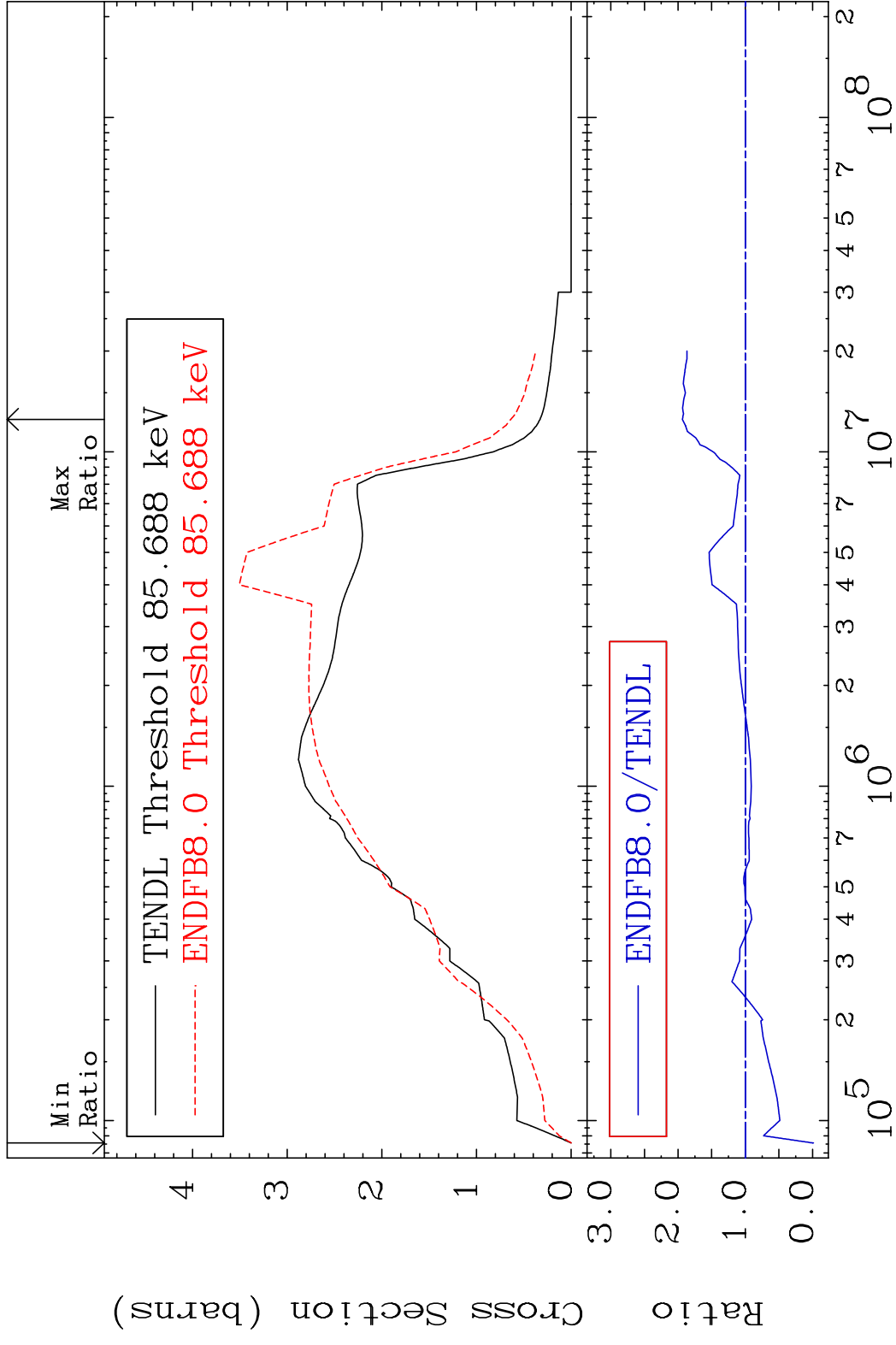
Elastic

61-Pm-151

Cross Section -99.99 To 9999. %

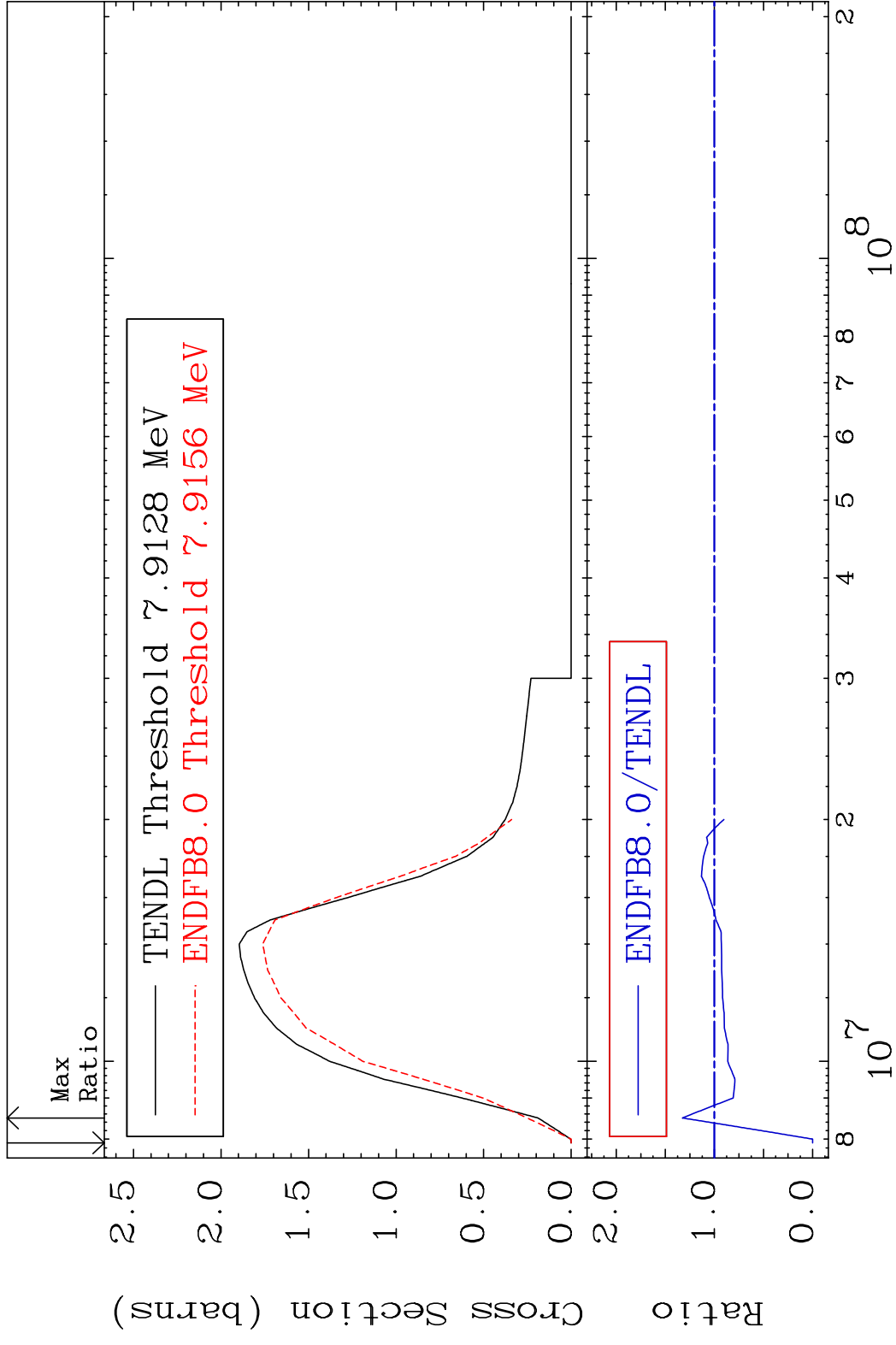


MAT 6161 Inelastic 61-Pm-151
 Cross Section -100.0 To 93.62 %



3 Incident Energy (eV) 61-Pm-151

MAT 6161 (n,2n) 61-Pm-151
 Cross Section -100.0 To 32.66 %



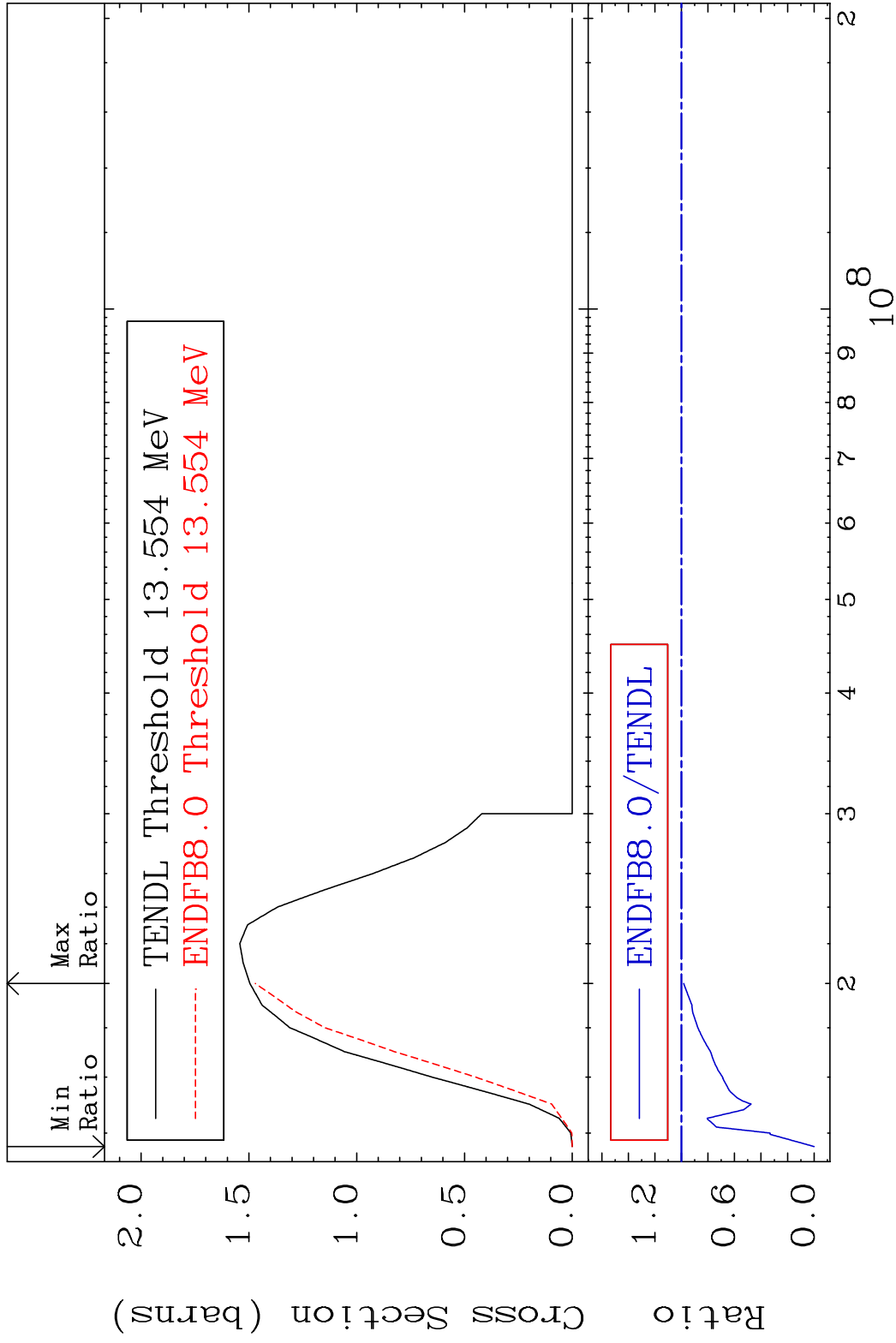
4 Incident Energy (eV) 61-Pm-151

MAT 6161

(n,3n)

61-Pm-151

Cross Section -100.0 To -1.696%



5

Incident Energy (eV)

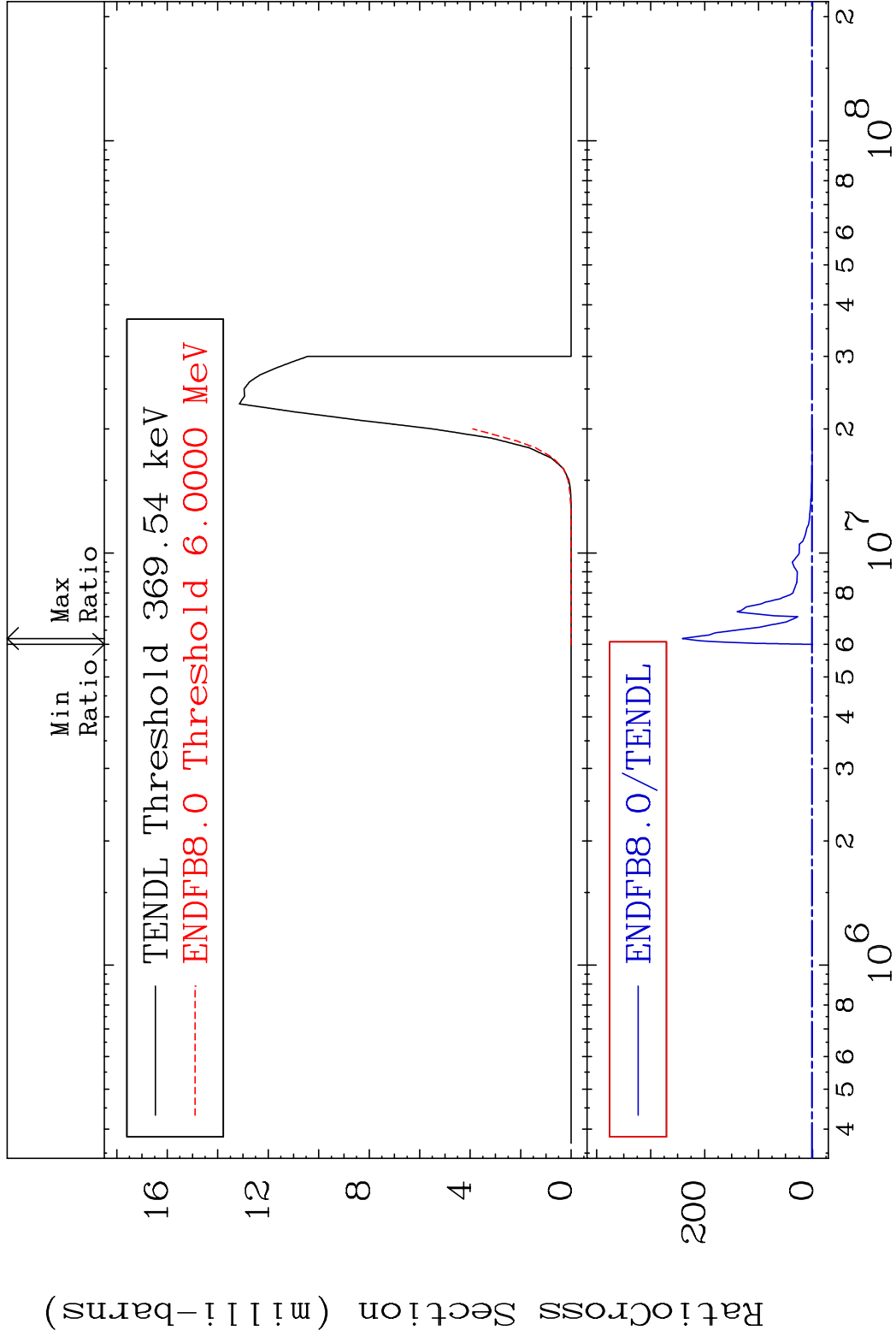
61-Pm-151

MAT 6161

(n, n') α

61-Pm-151

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

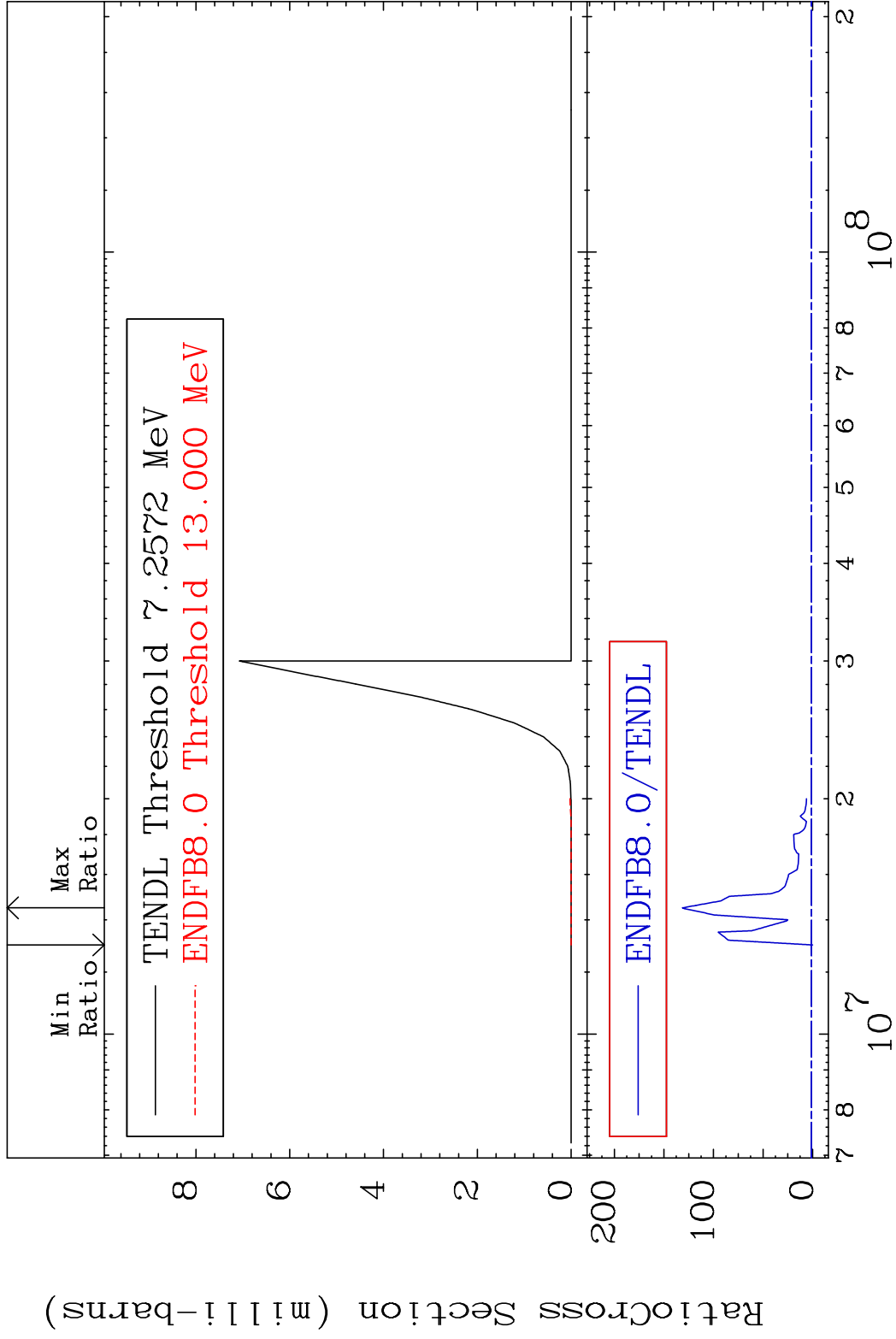
61-Pm-151

MAT 6161

(n,2n) α

61-Pm-151

Cross Section -100.0 To 9999. %



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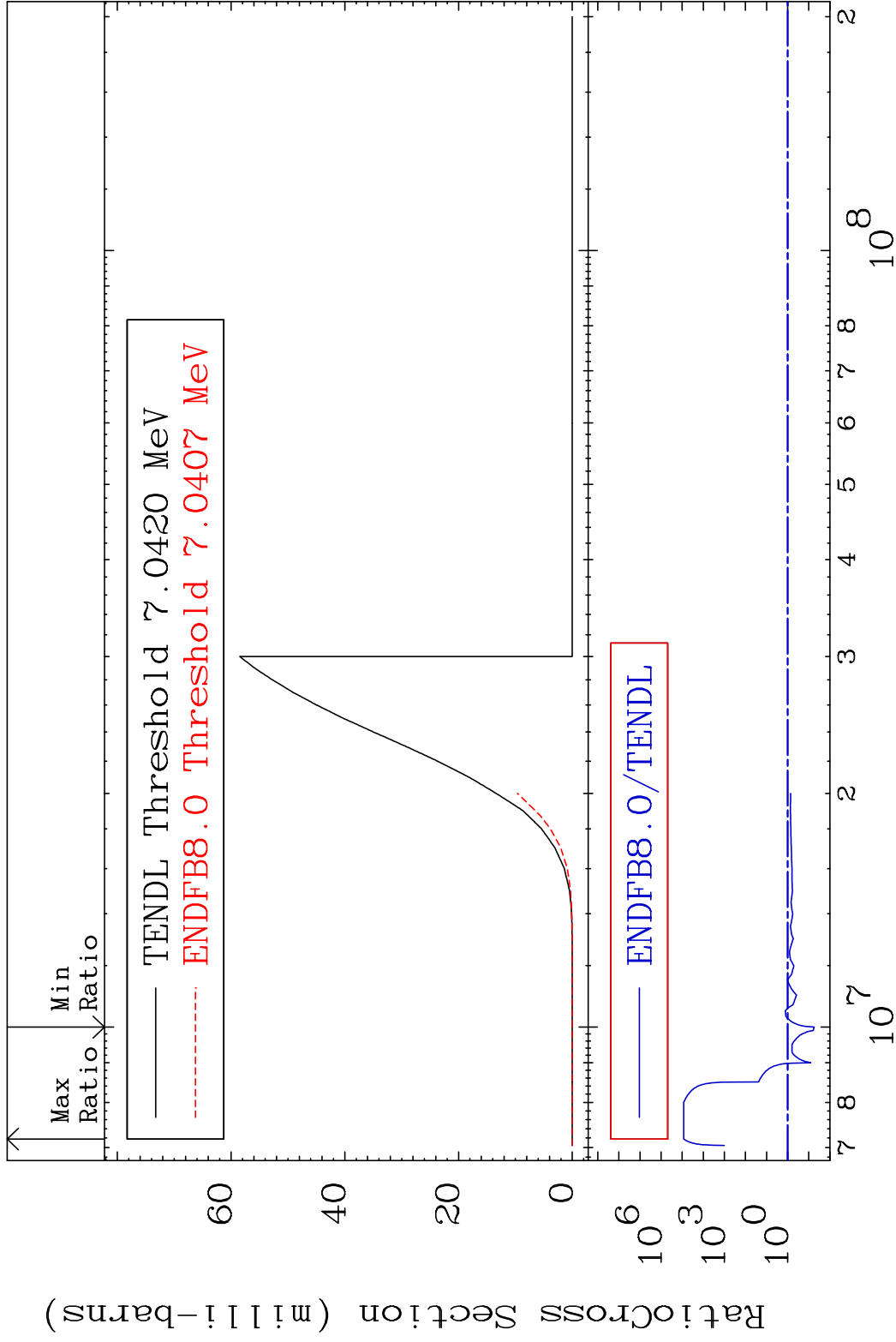
Incident Energy (eV)

61-Pm-151

MAT 6161

(n, n') p 61-Pm-151

Cross Section -94.42 To 9999. %



8

Incident Energy (eV)

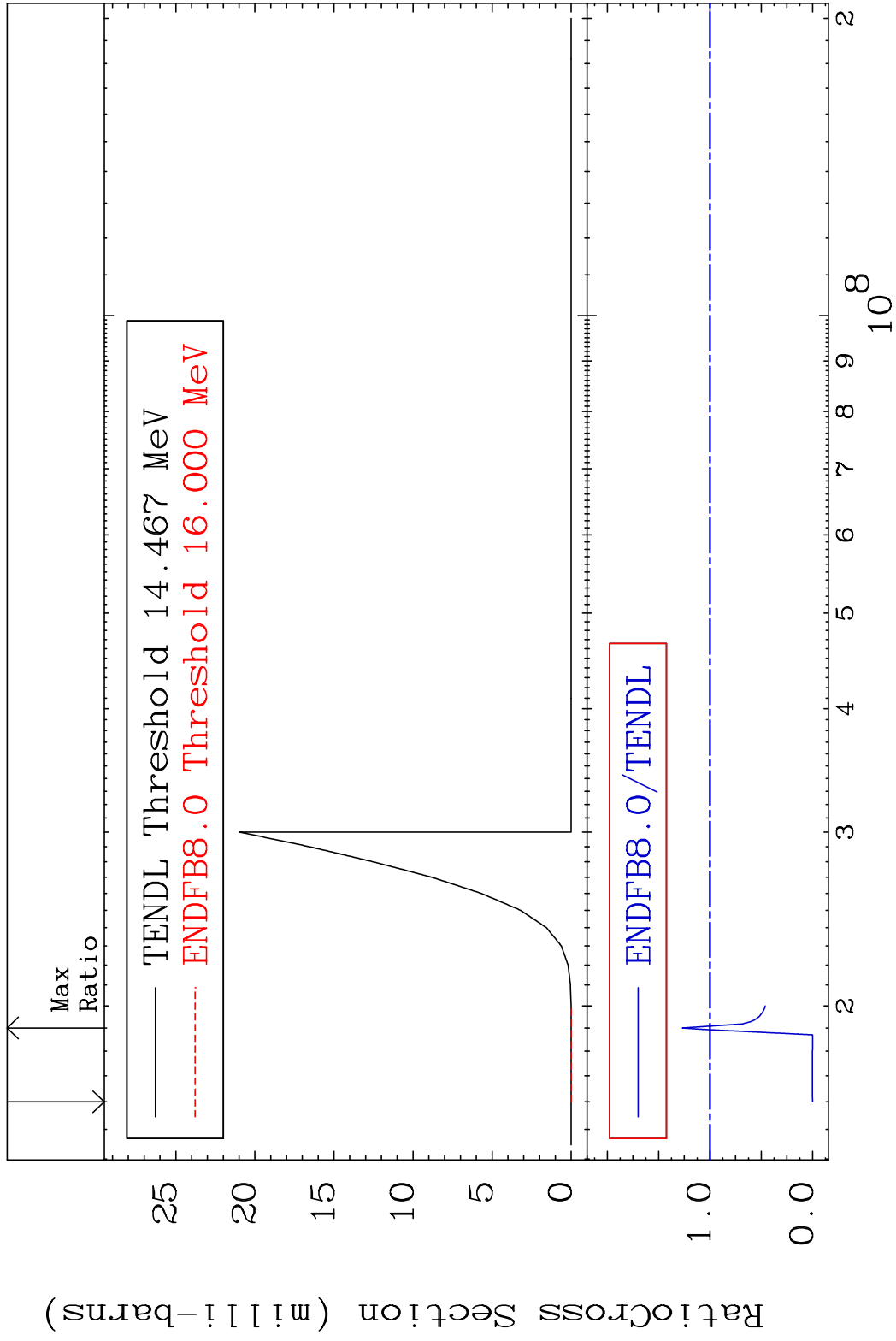
61-Pm-151

MAT 6161

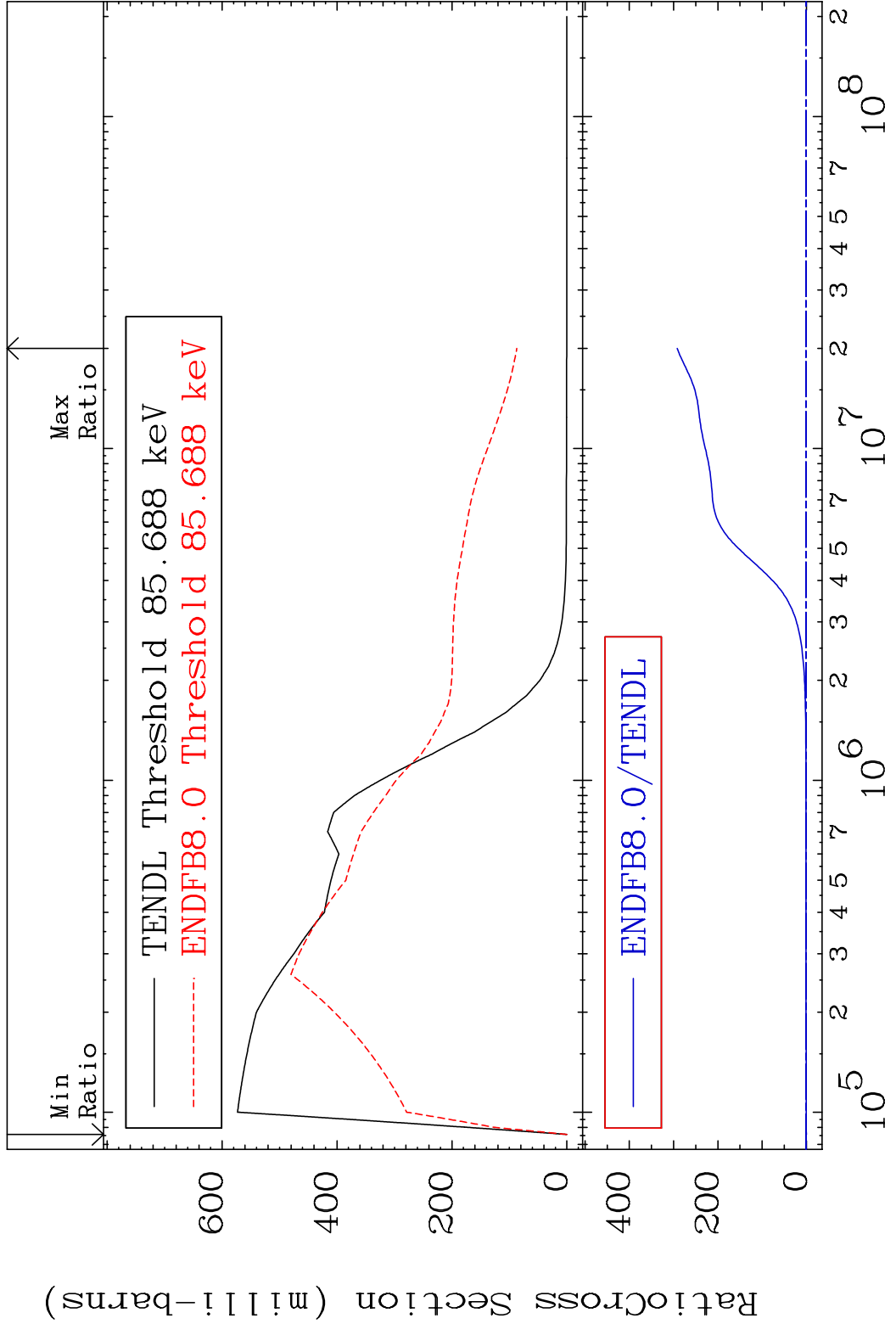
(n,2n) p

61-Pm-151

Cross Section -100.0 To 26.90 %

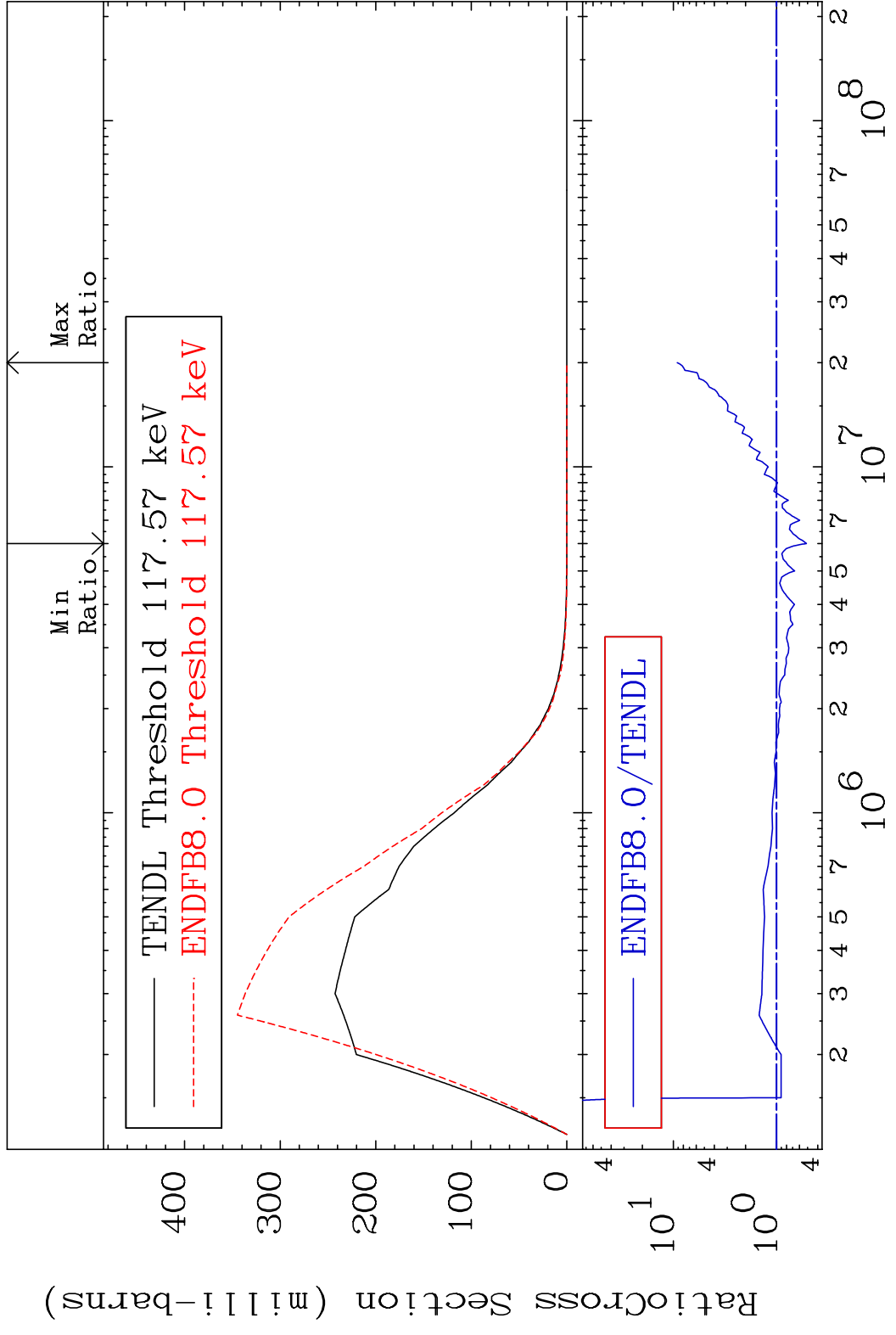


MAT 6161 MT= 51 (n, n') Level 61-Pm-151
 Cross Section -100.0 To 9999. %

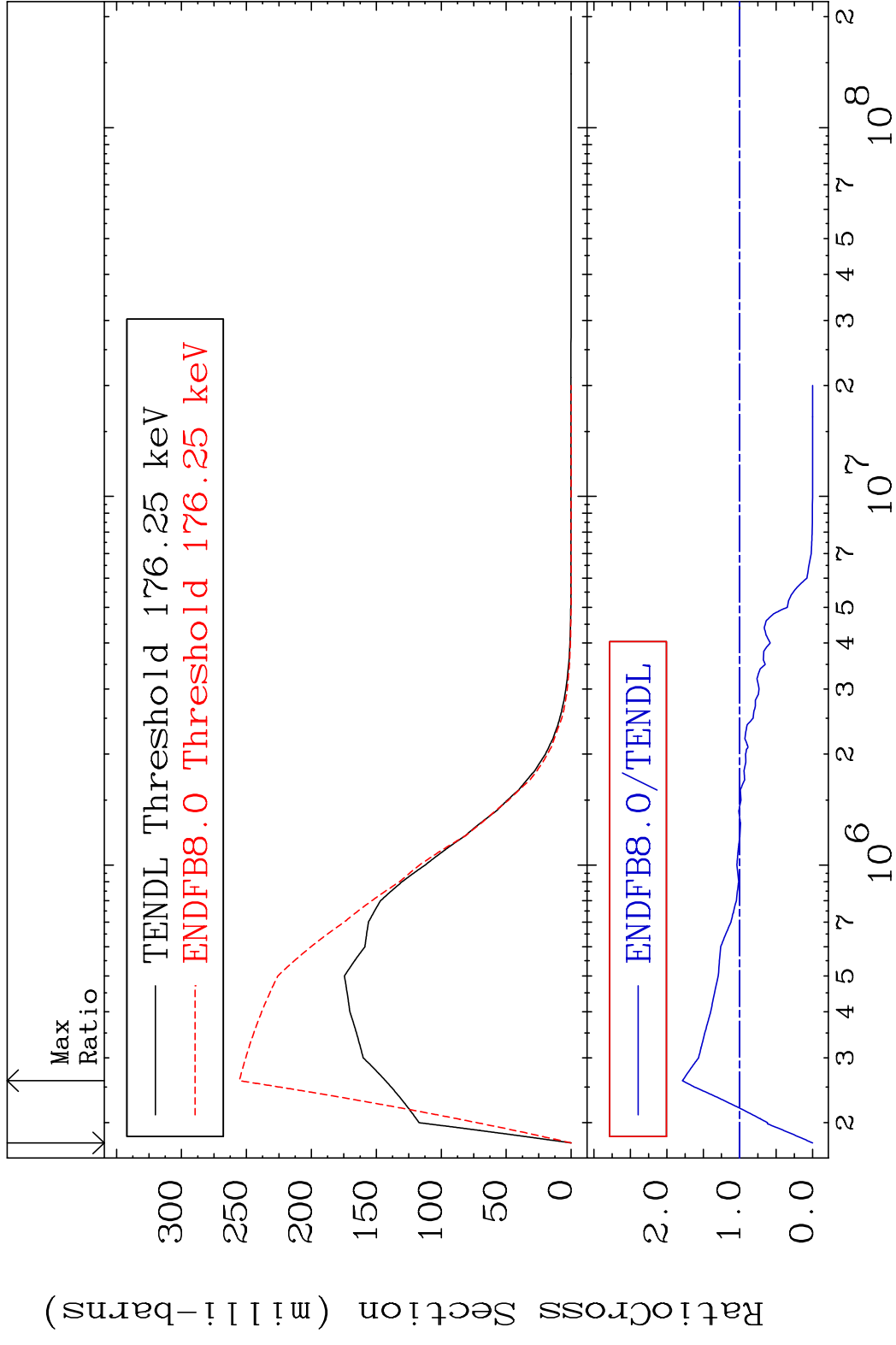


10 2 3 4 5 7 2 3 4 5 7 8 2
 10⁵ 10⁶ 10⁷ 10⁸
 61-Pm-151

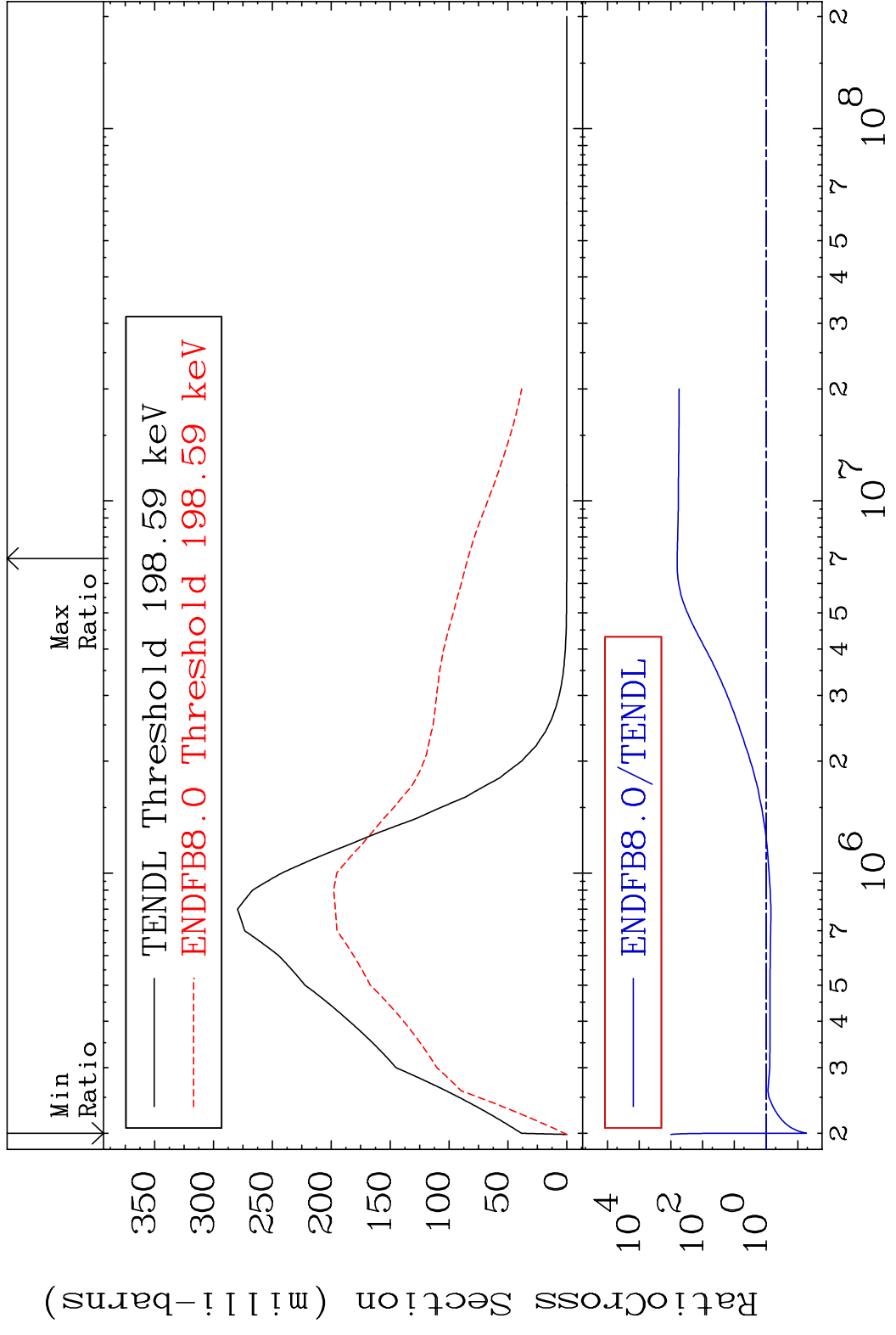
MAT 6161 MT= 52 (n, n') Level 61-Pm-151
 Cross Section -48.56 To 818.0 %



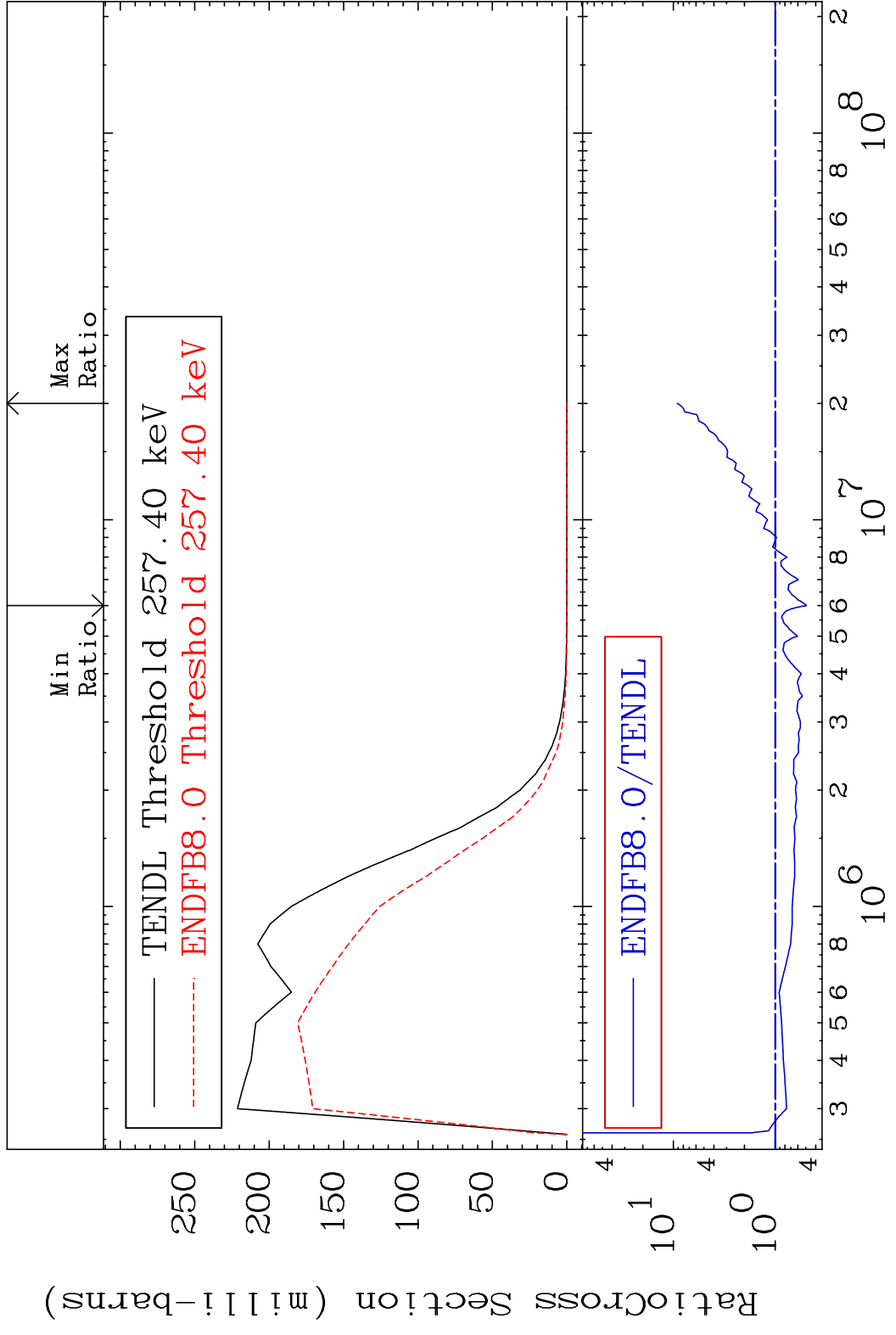
MAT 6161 MT= 53 (n, n') Level 61-Pm-151
 Cross Section -100.0 To 78.73 %



MAT 6161 MT= 54 (n, n') Level 61-Pm-151
 Cross Section -94.65 To 9999. %

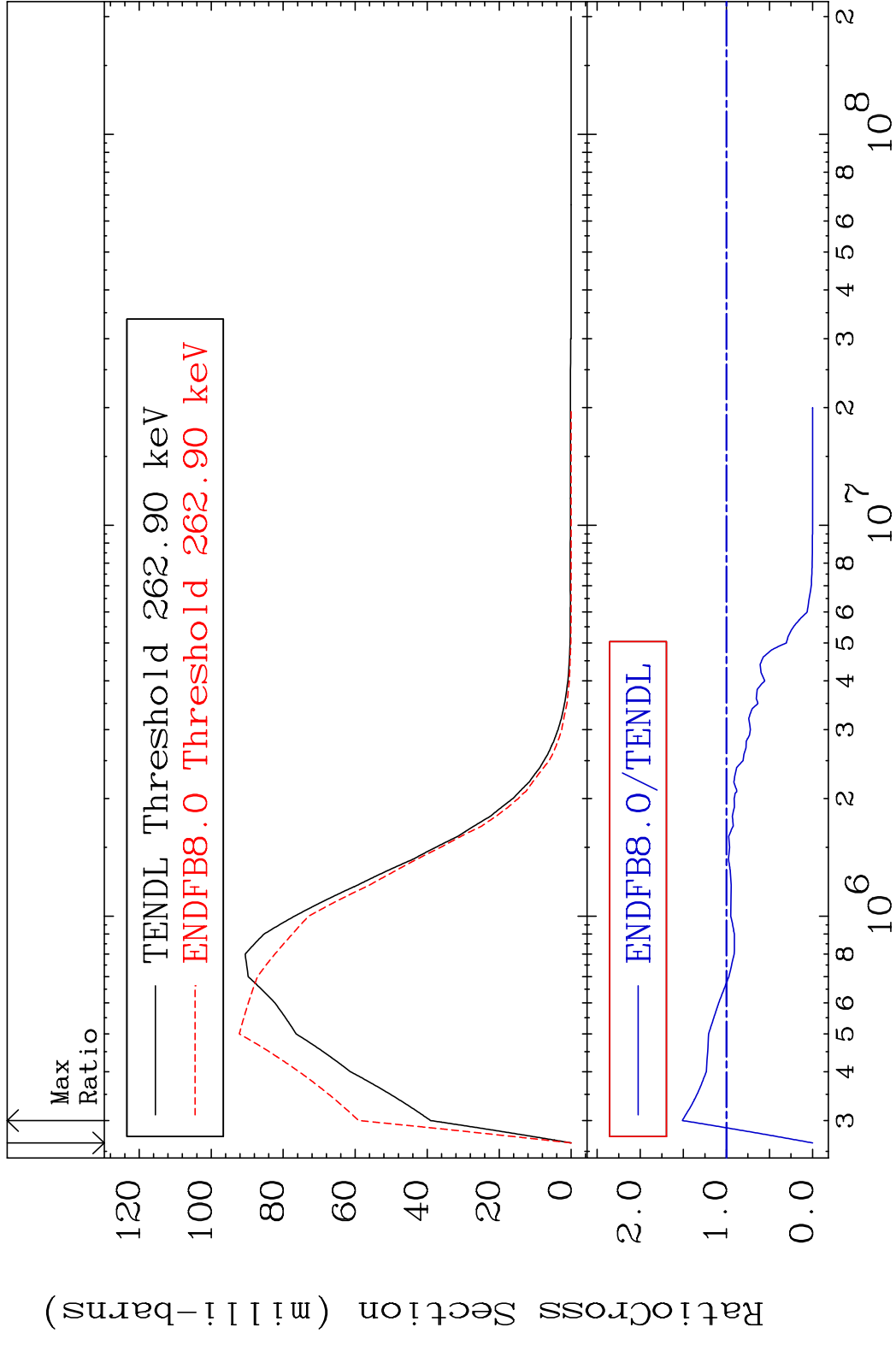


MAT 6161 MT= 55 (n,n') Level 61-Pm-151
 Cross Section -50.67 To 817.4 %

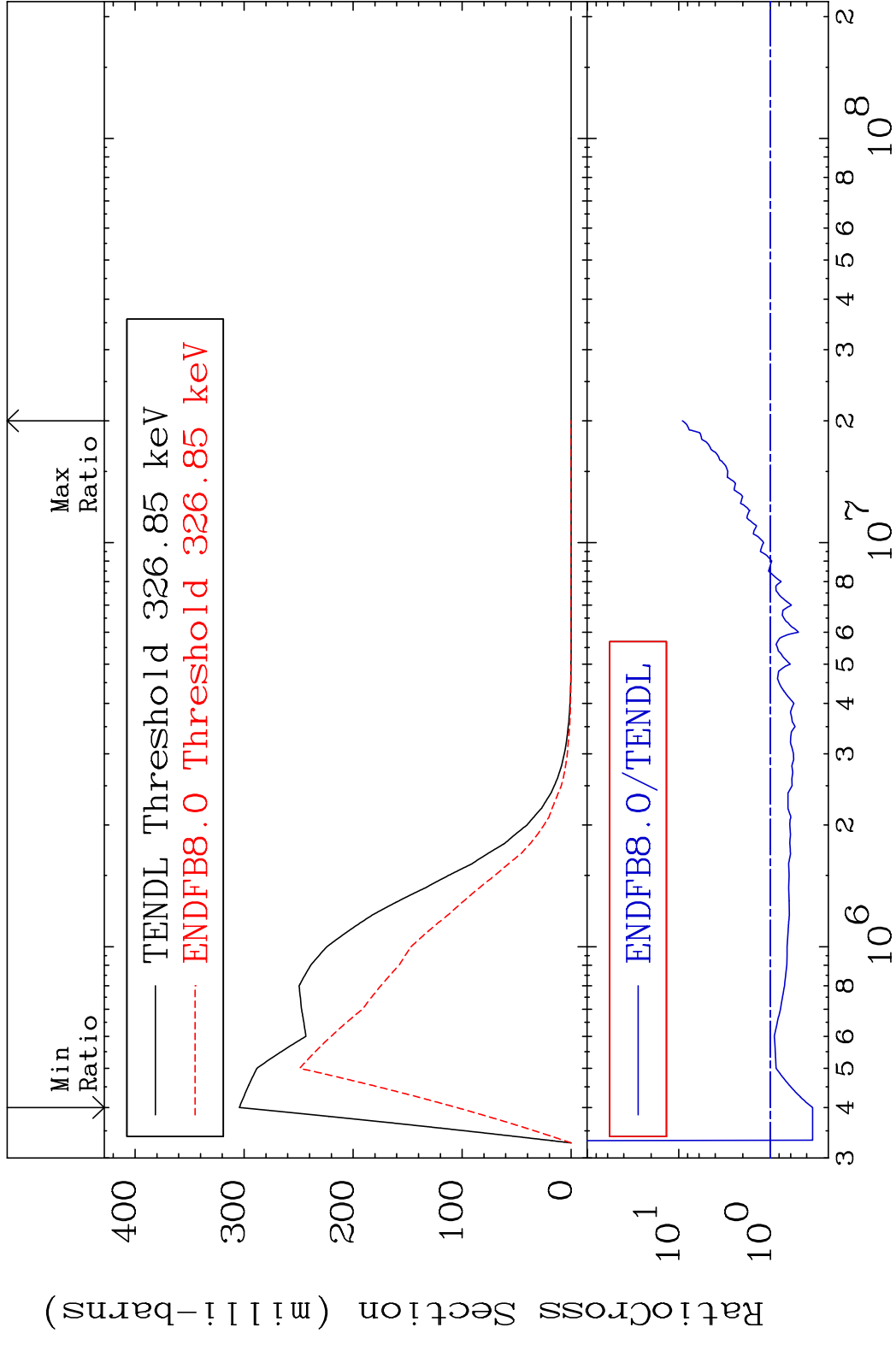


14 Incident Energy (eV) 61-Pm-151

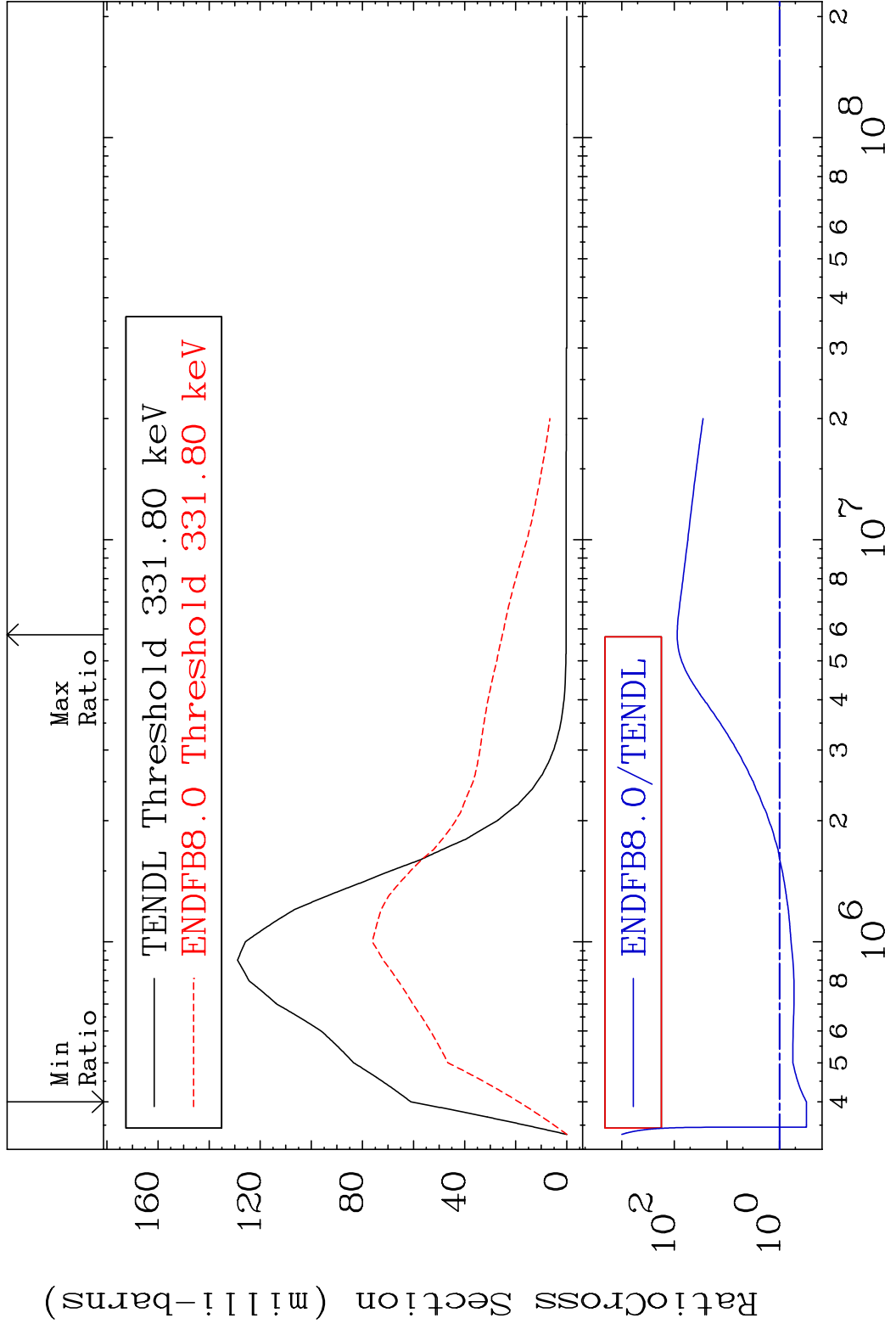
MAT 6161 MT= 56 (n,n') Level 61-Pm-151
 Cross Section -100.0 To 51.11 %



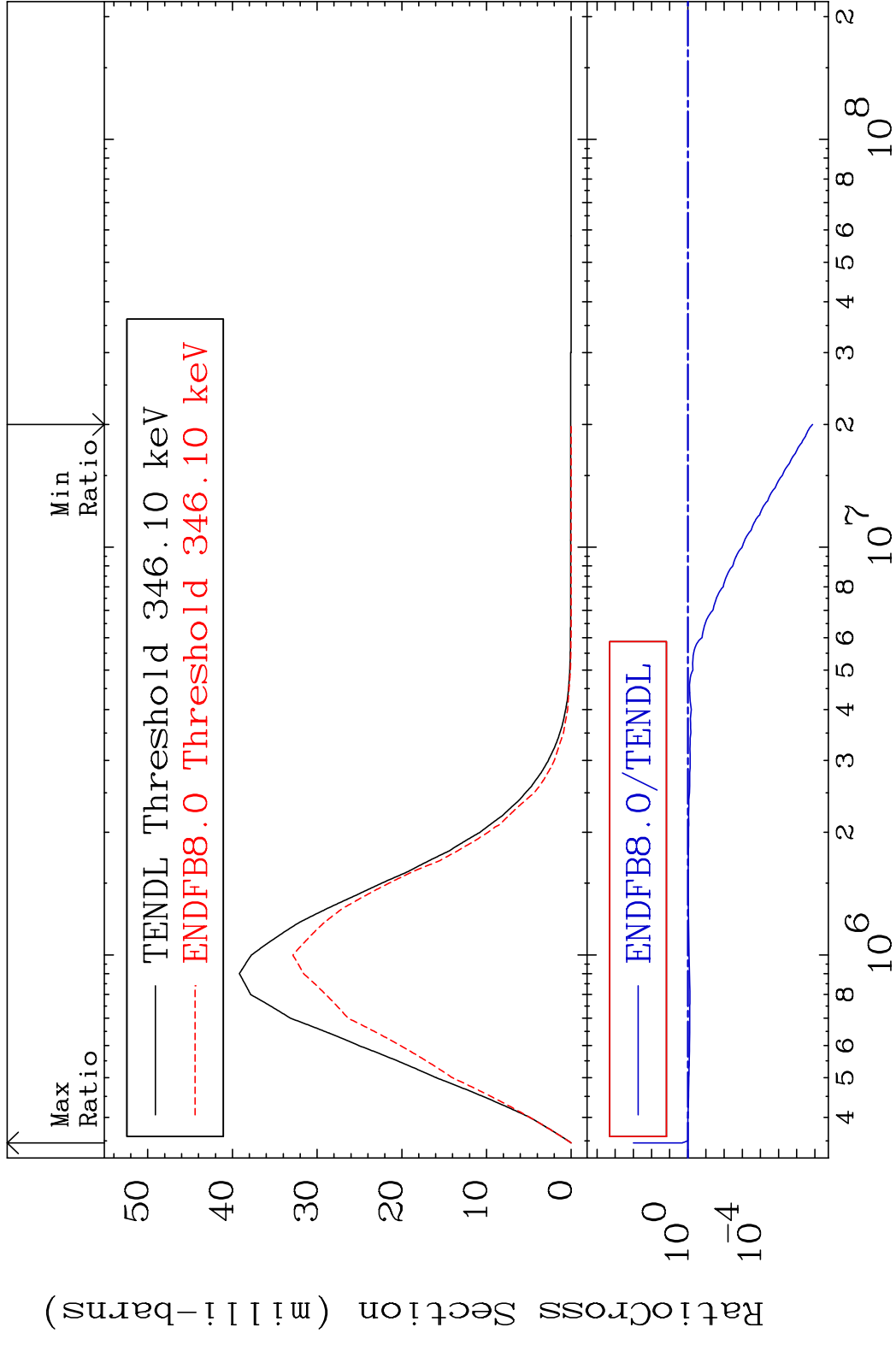
MAT 6161 MT= 57 (n, n') Level 61-Pm-151
 Cross Section -65.44 To 814.2 %



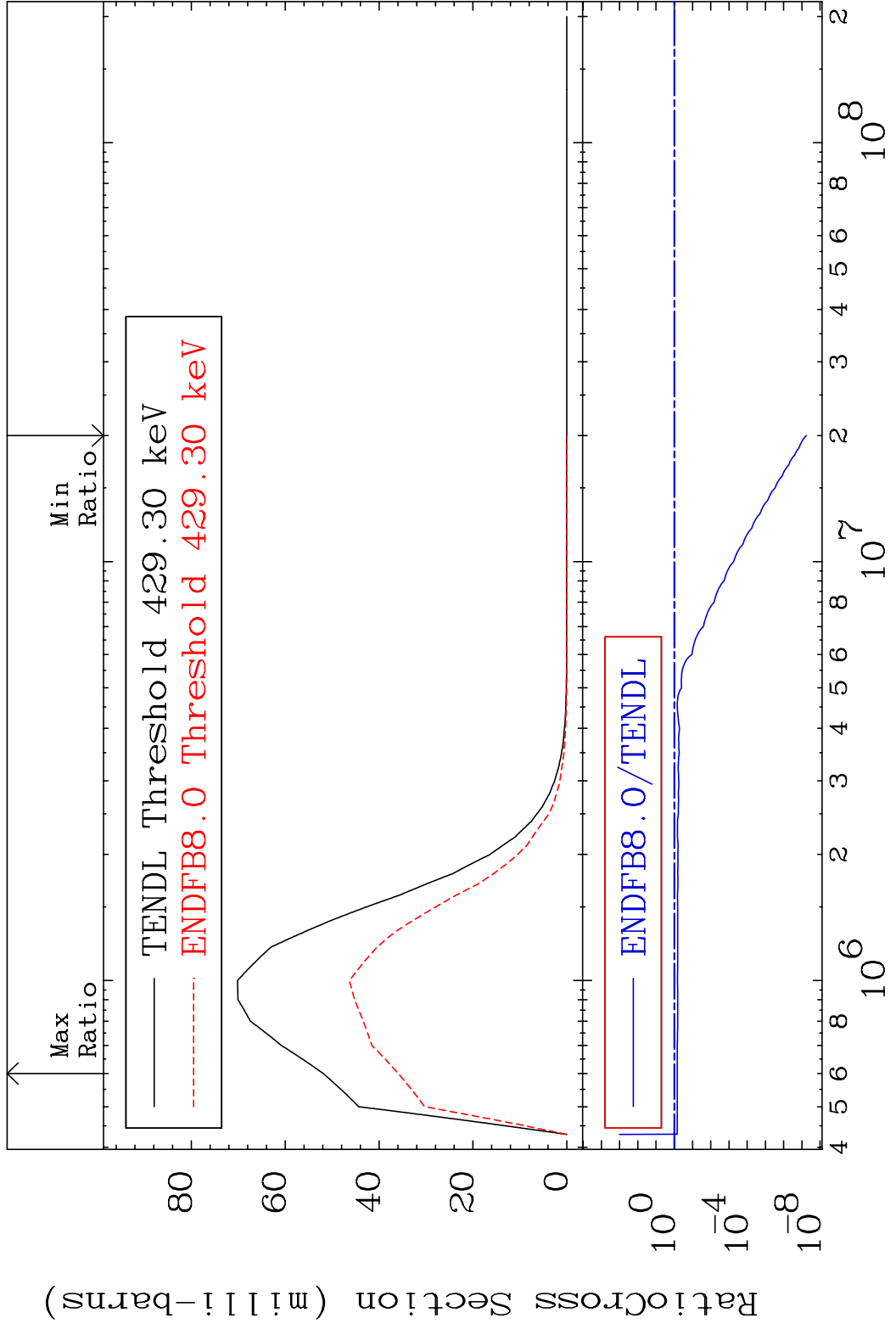
MAT 6161 MT= 58 (n, n') Level 61-Pm-151
 Cross Section -69.09 To 8745. %



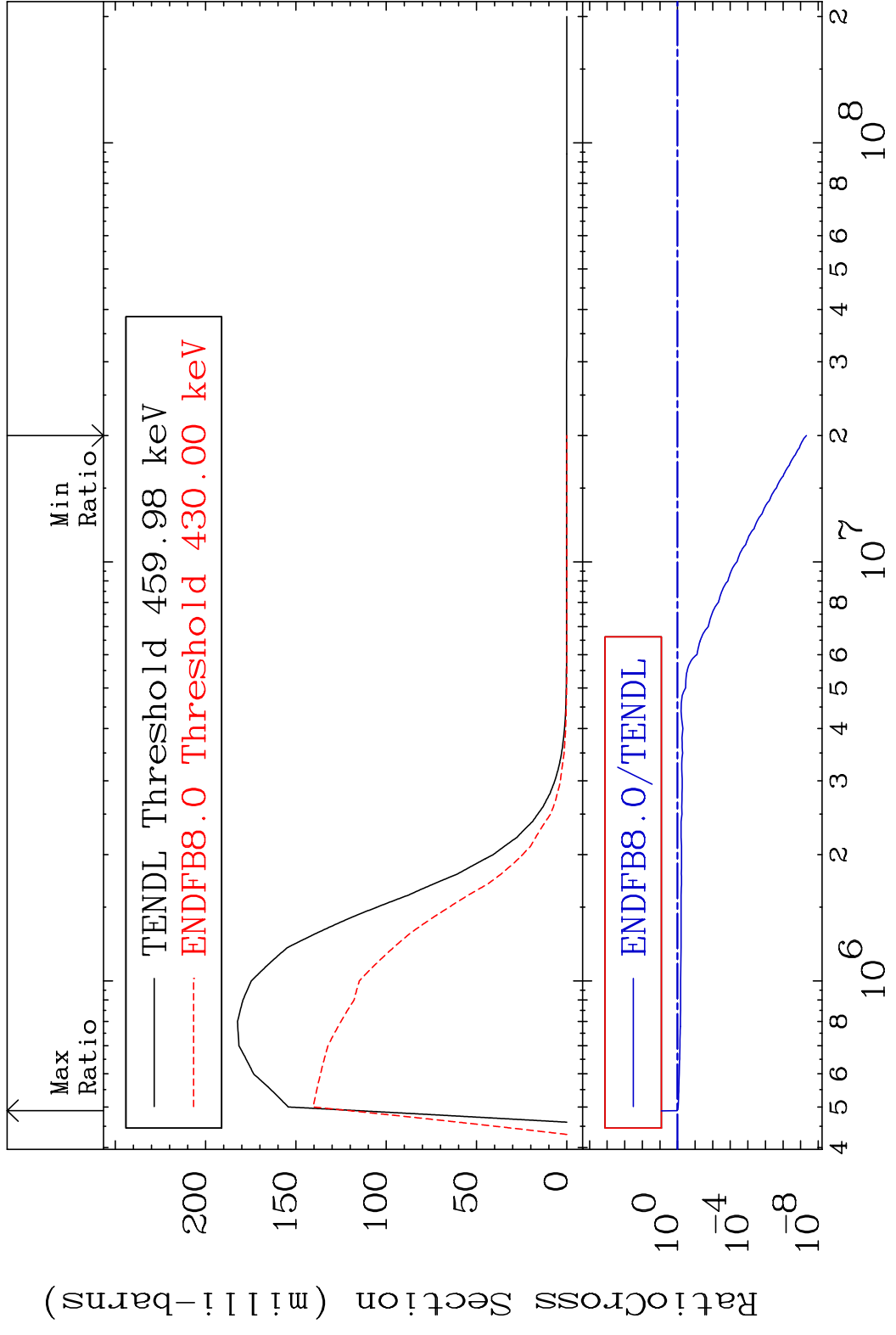
MAT 6161 MT= 59 (n, n') Level 61-Pm-151
 Cross Section -100.0 To 100.1 %



MAT 6161 MT= 60 (n, n') Level 61-Pm-151
 Cross Section -100.0 To -30.79%

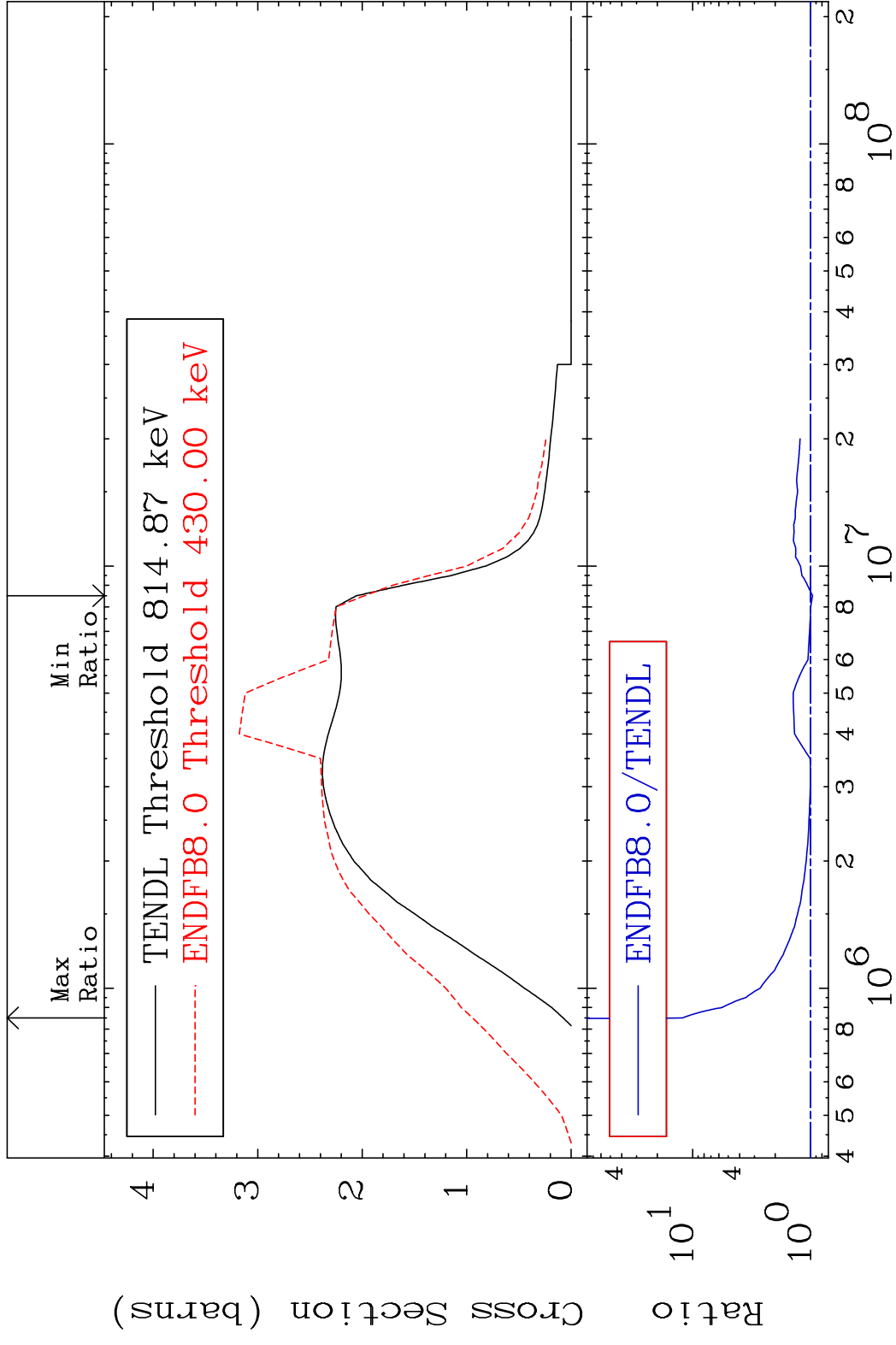


MAT 6161 MT= 61 (n, n') Level 61-Pm-151
 Cross Section -100.0 To 4.152 %



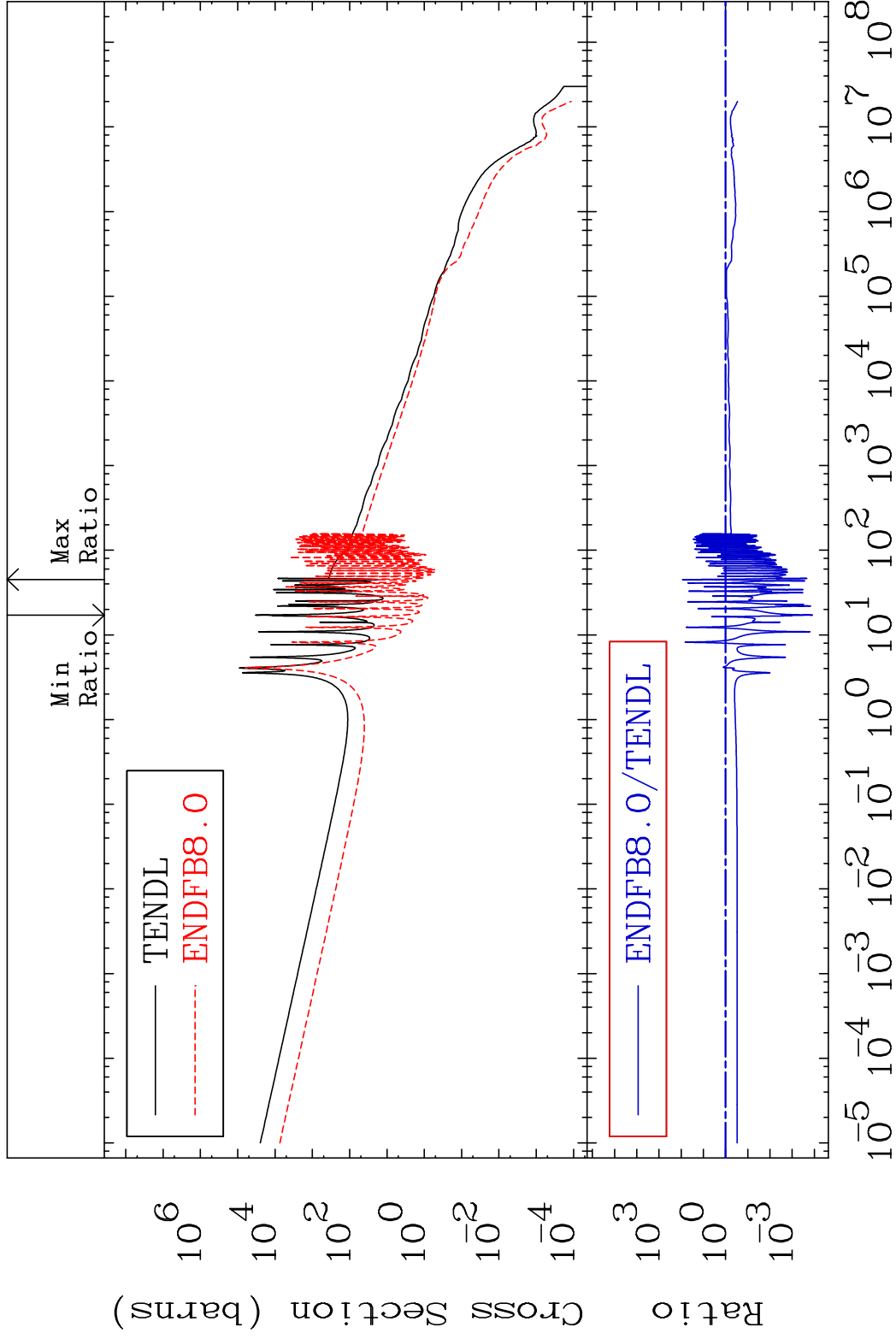
20 Incident Energy (eV) 61-Pm-151

MAT 6161 (n, n') Continuum 61-Pm-151
 Cross Section -3.764 To 1125. %



MAT 6161

(n, γ)
Cross Section -99.99 To 8740. %
61-Pm-151



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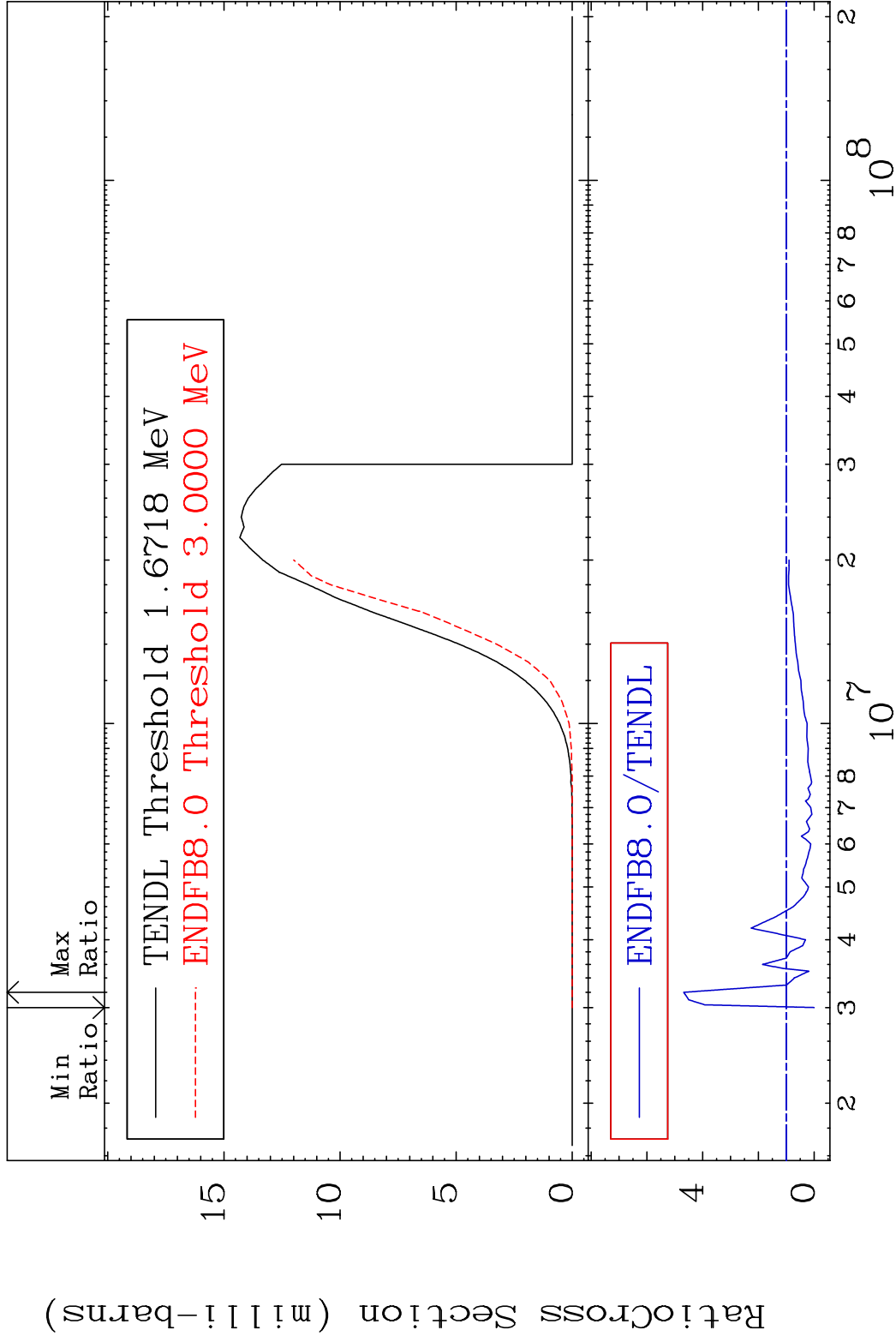
Incident Energy (eV) 61-Pm-151

MAT 6161

(n, p)

61-Pm-151

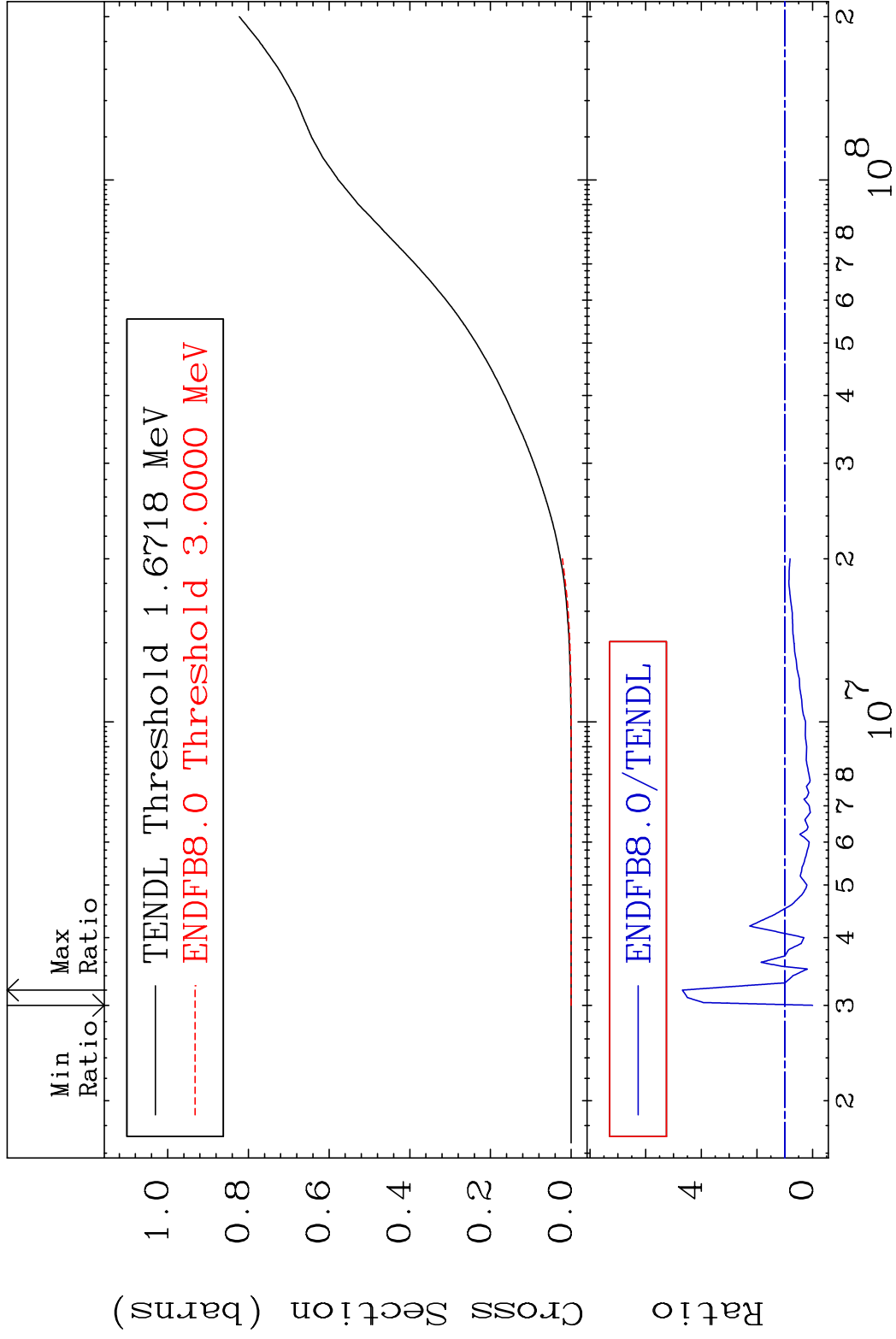
Cross Section -100.0 To 367.8 %



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Incident Energy (eV)

61-Pm-151

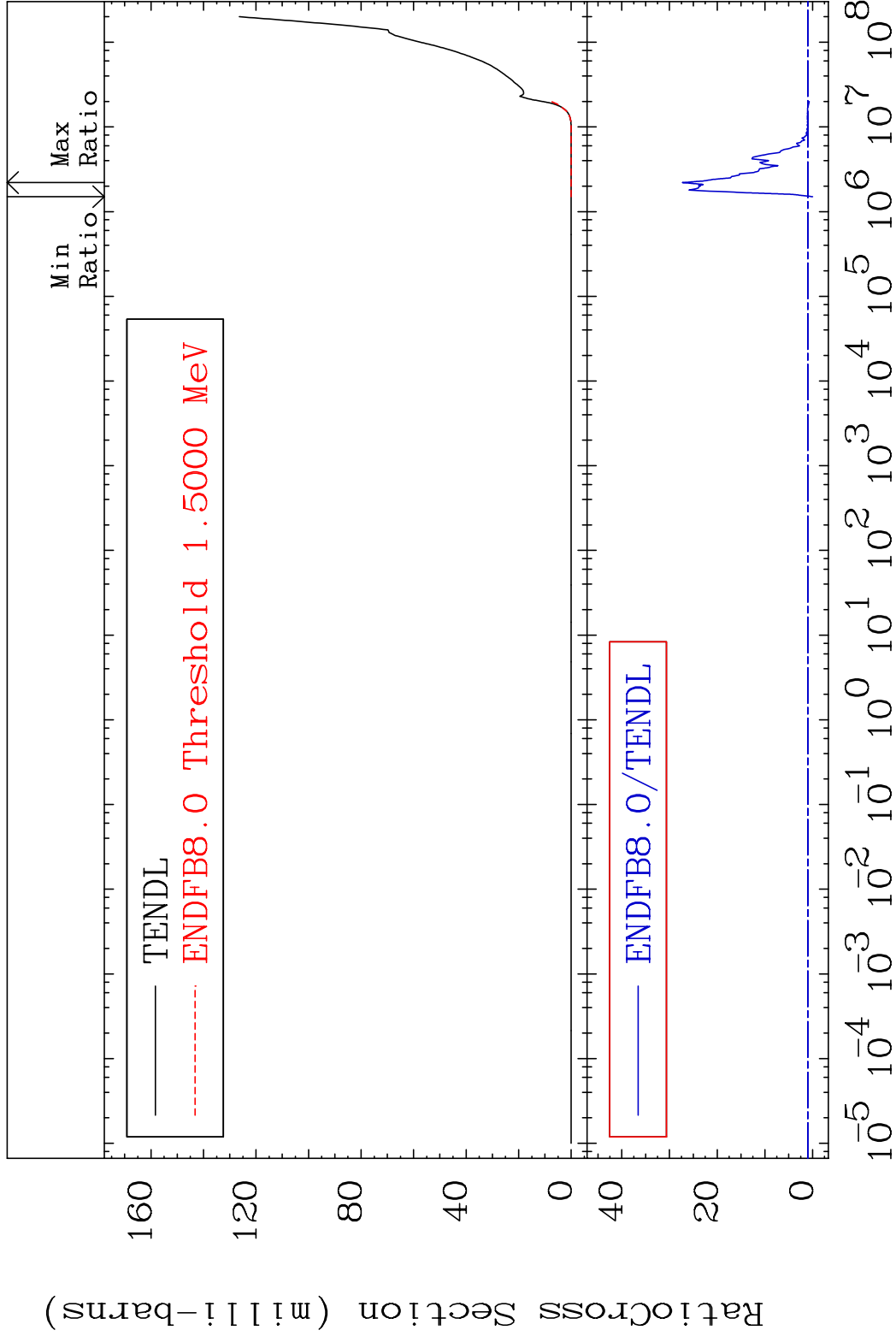


MAT 6161

He-4 Production

61-Pm-151

Cross Section -100.0 To 2630. %

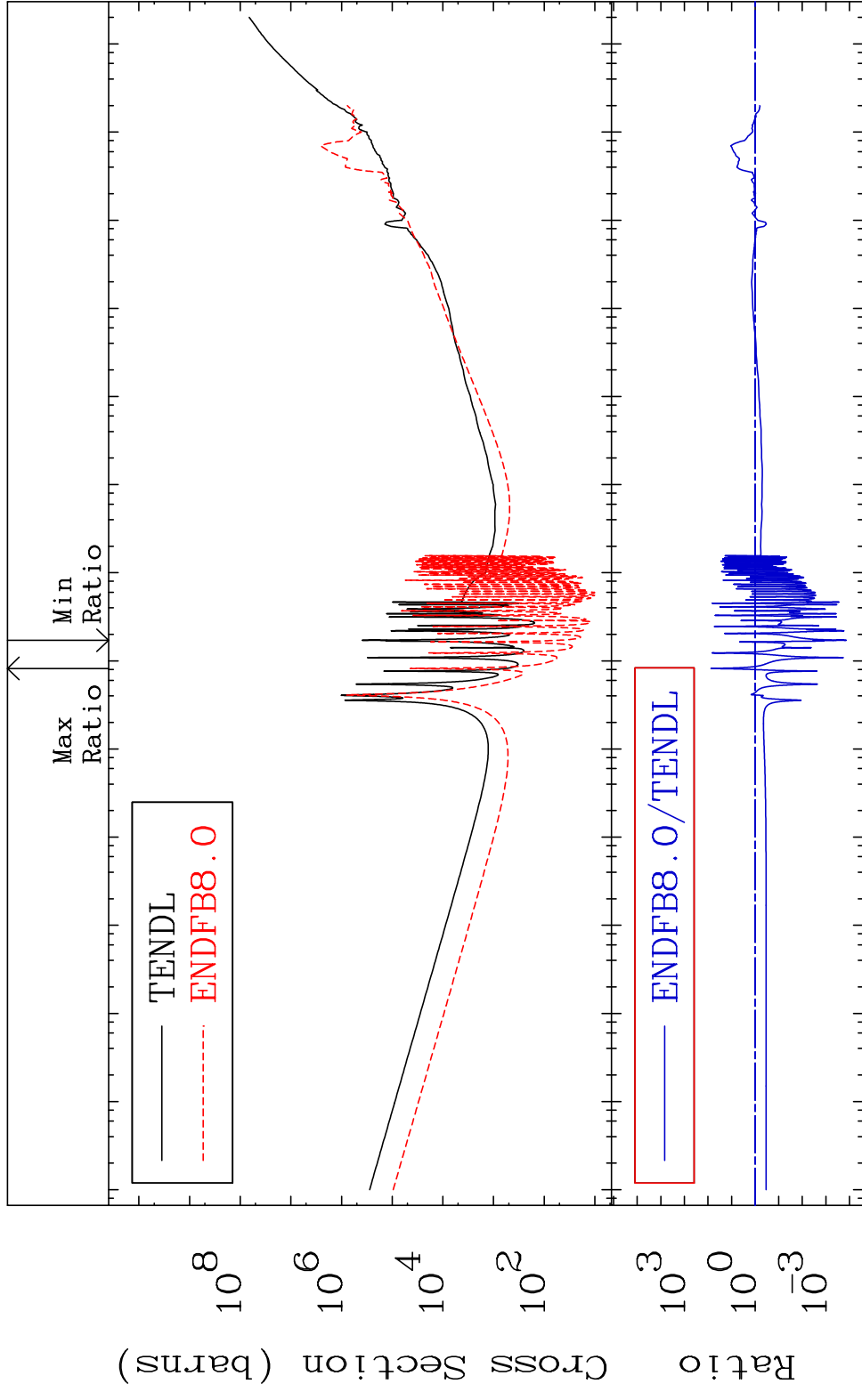


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Incident Energy (eV)

61-Pm-151

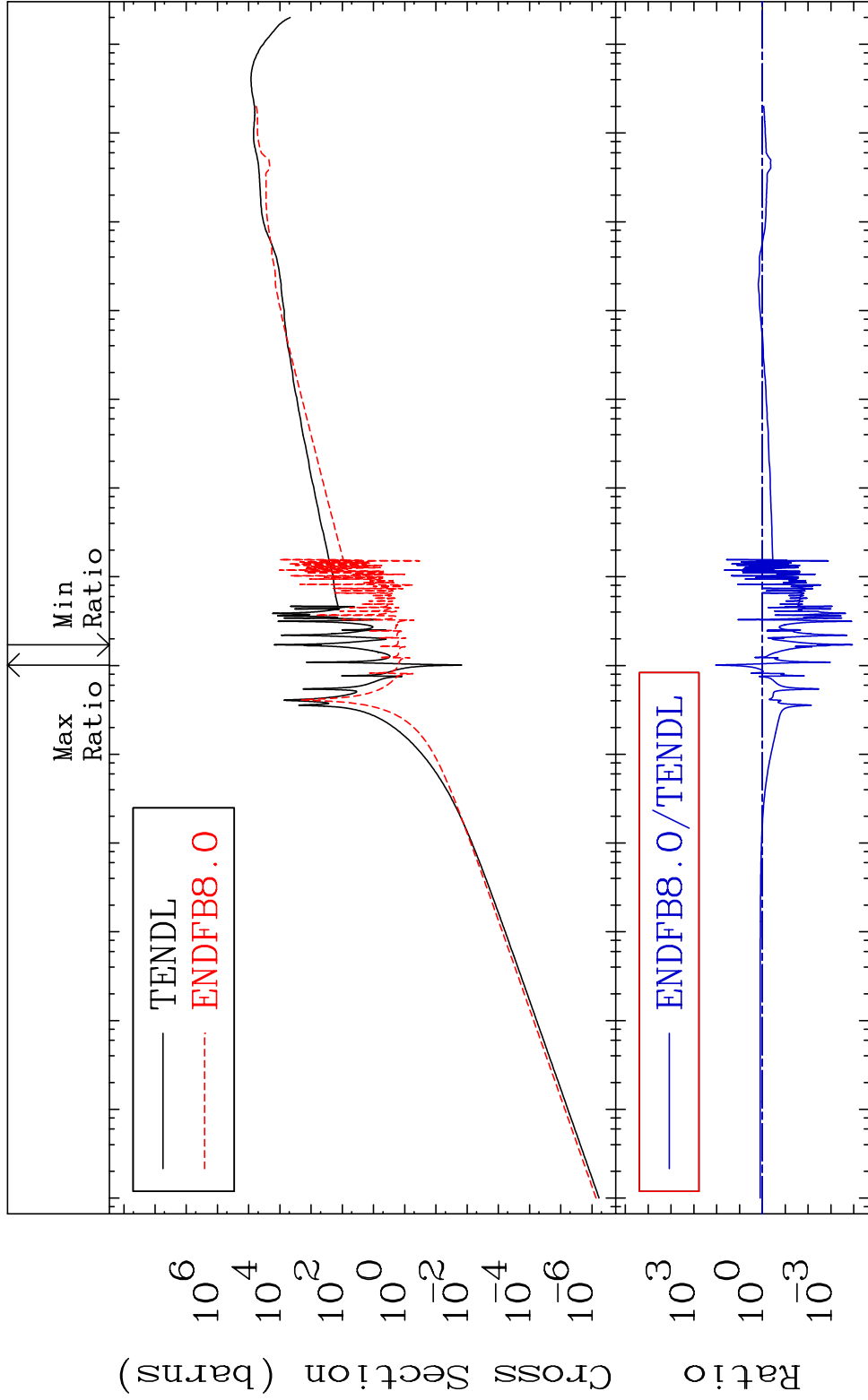
MAT 6161 Kerma total (eV-barns) 61-Pm-151
 Cross Section -99.99 To 7533. %



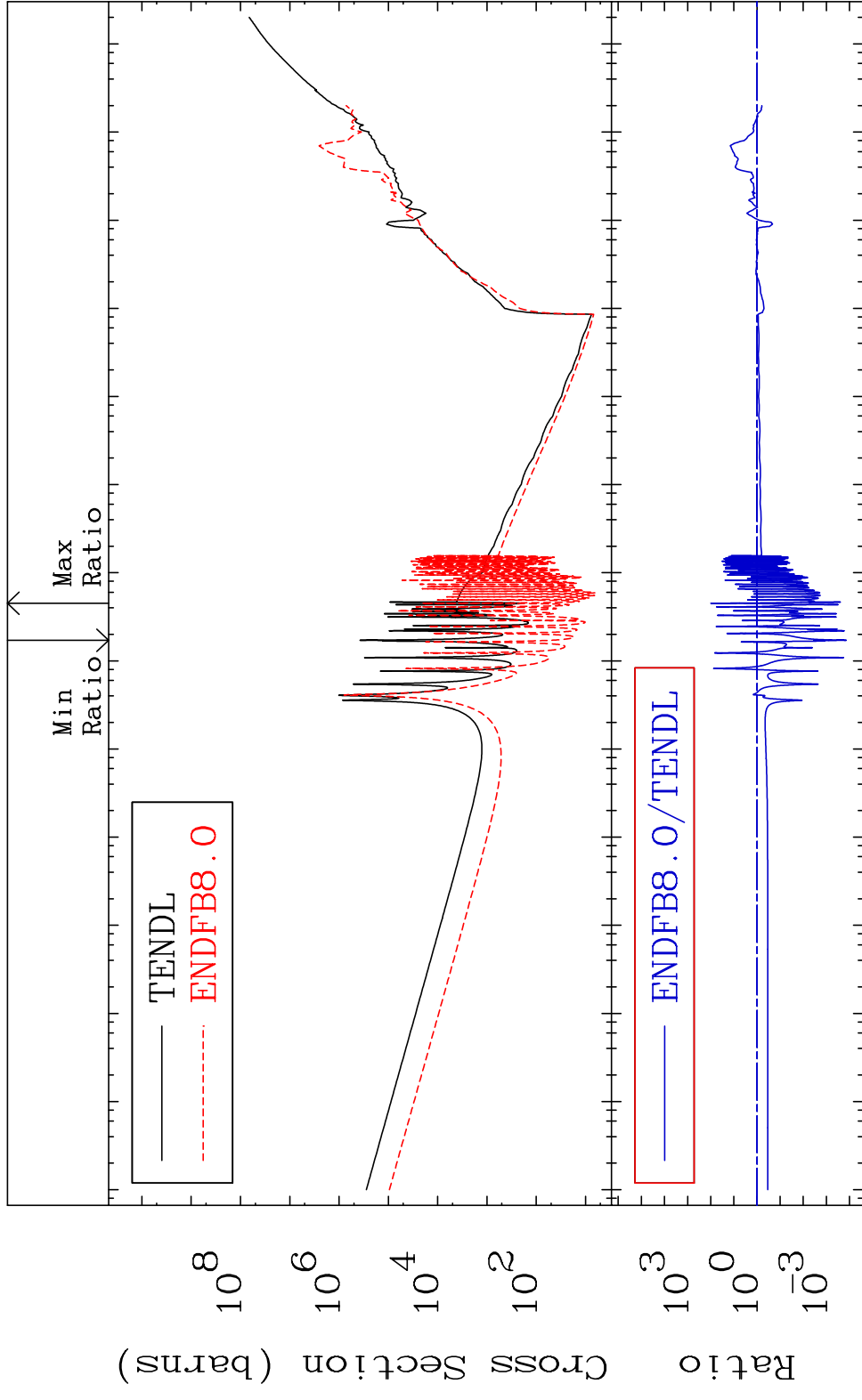
27 Incident Energy (eV) 61-Pm-151

MAT 6161

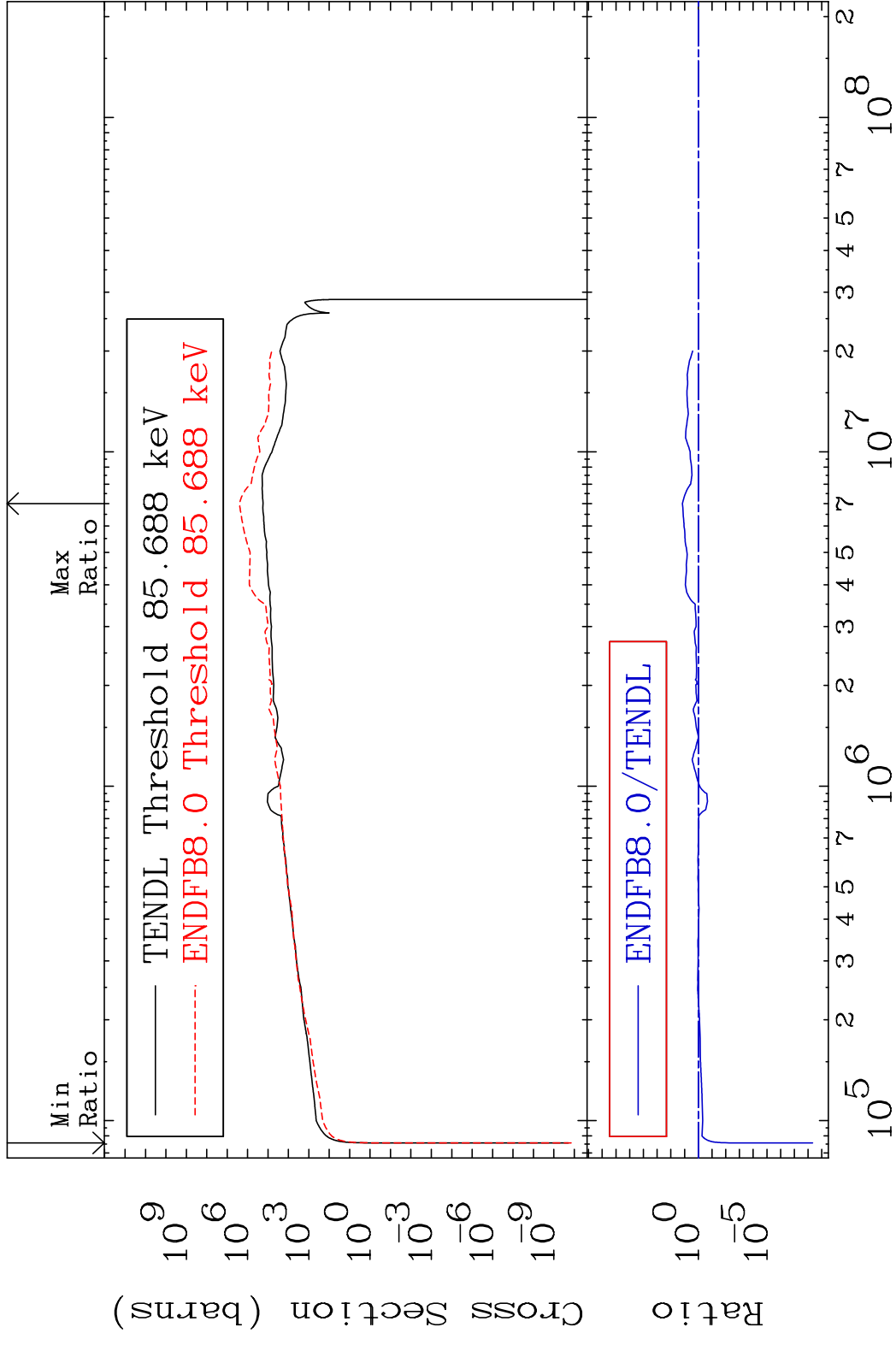
Kerma elastic Cross Section -99.99 To 9999. %
61-Pm-151



MAT 6161 Kerma non-elastic (all but mt2) 61-Pm-151
 Cross Section -99.99 To 9914. %

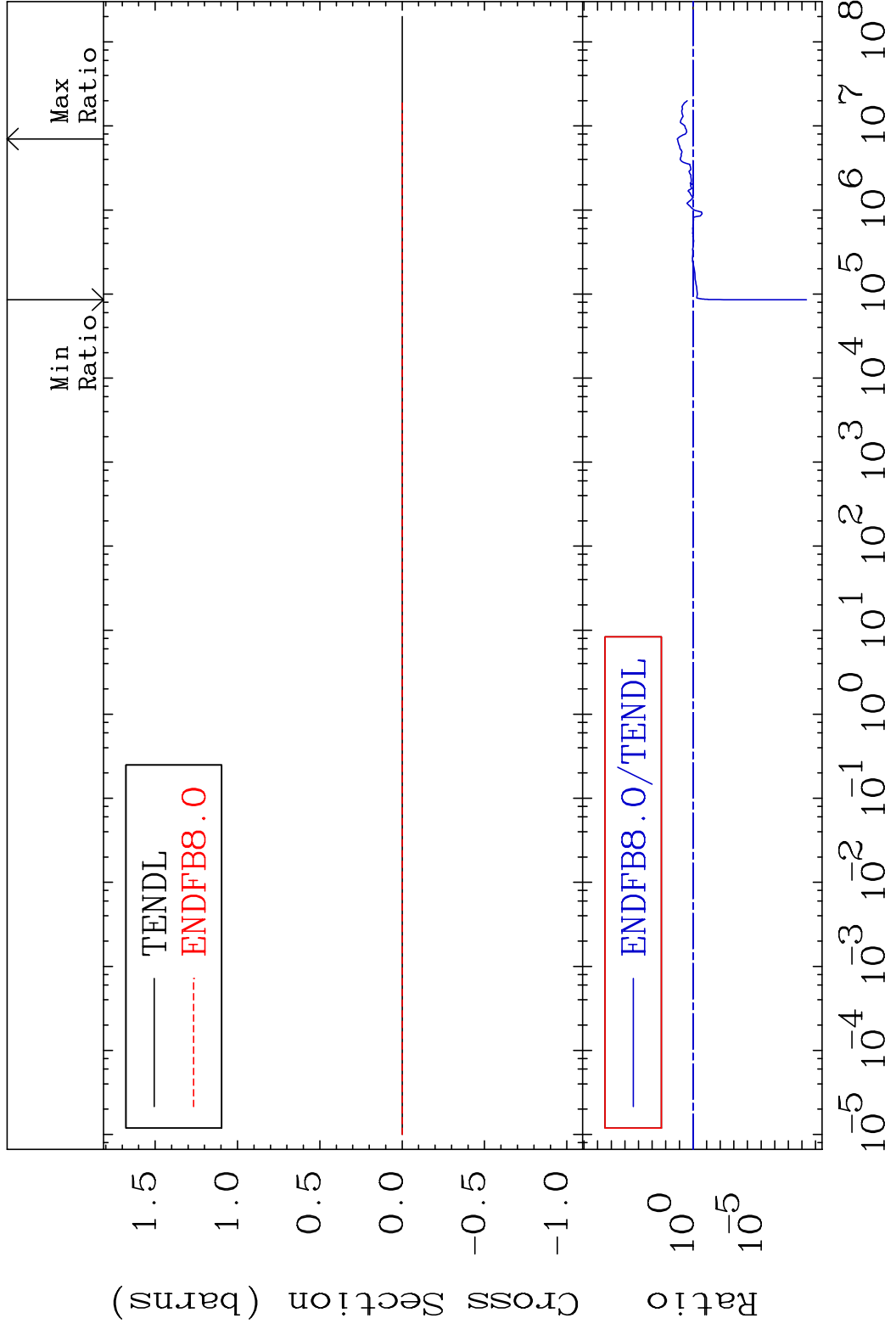


MAT 6161 Kerma inelastic (mt51-91) 61-Pm-151
 Cross Section -100.0 To 1349. %

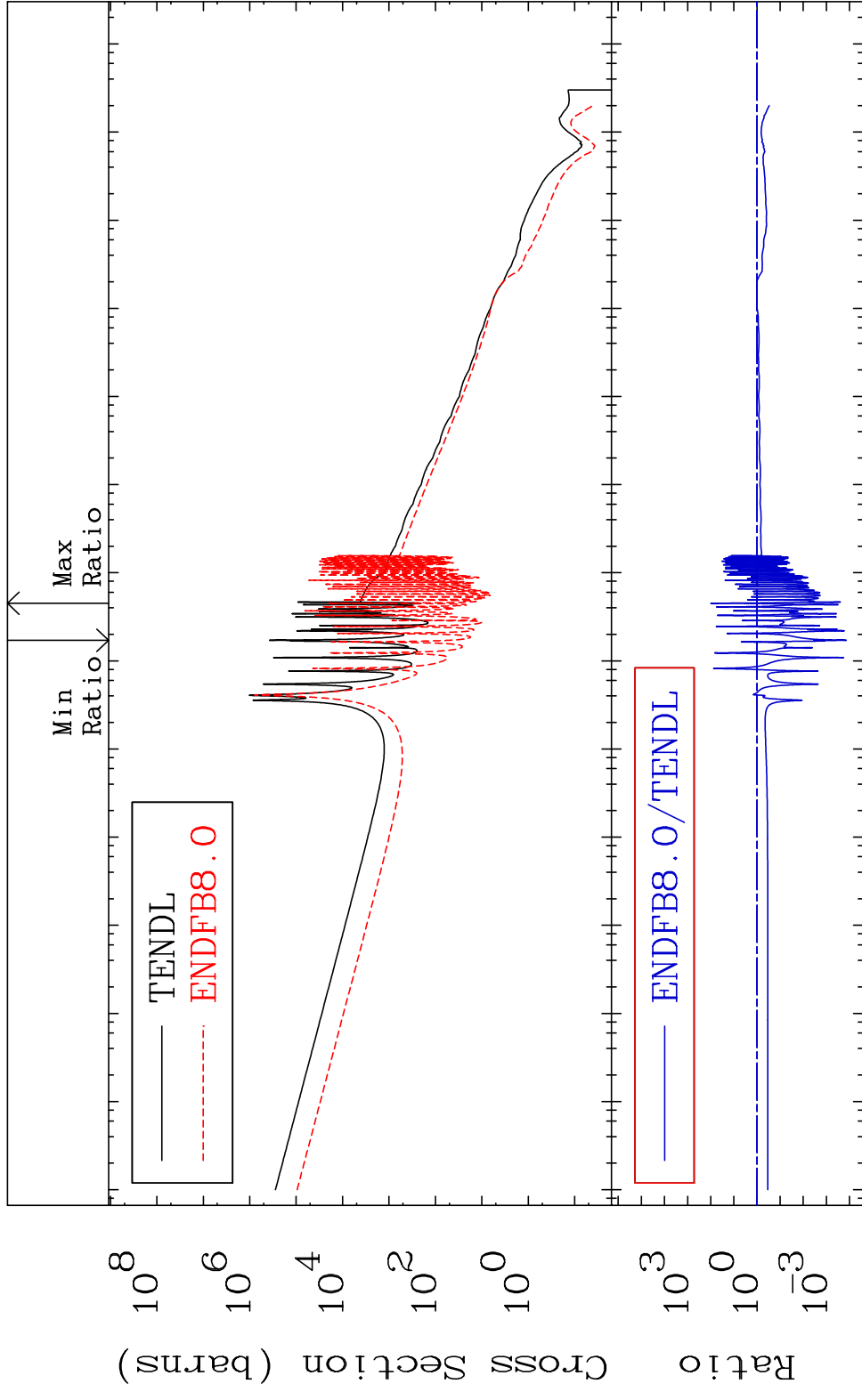


30 Incident Energy (eV) 61-Pm-151

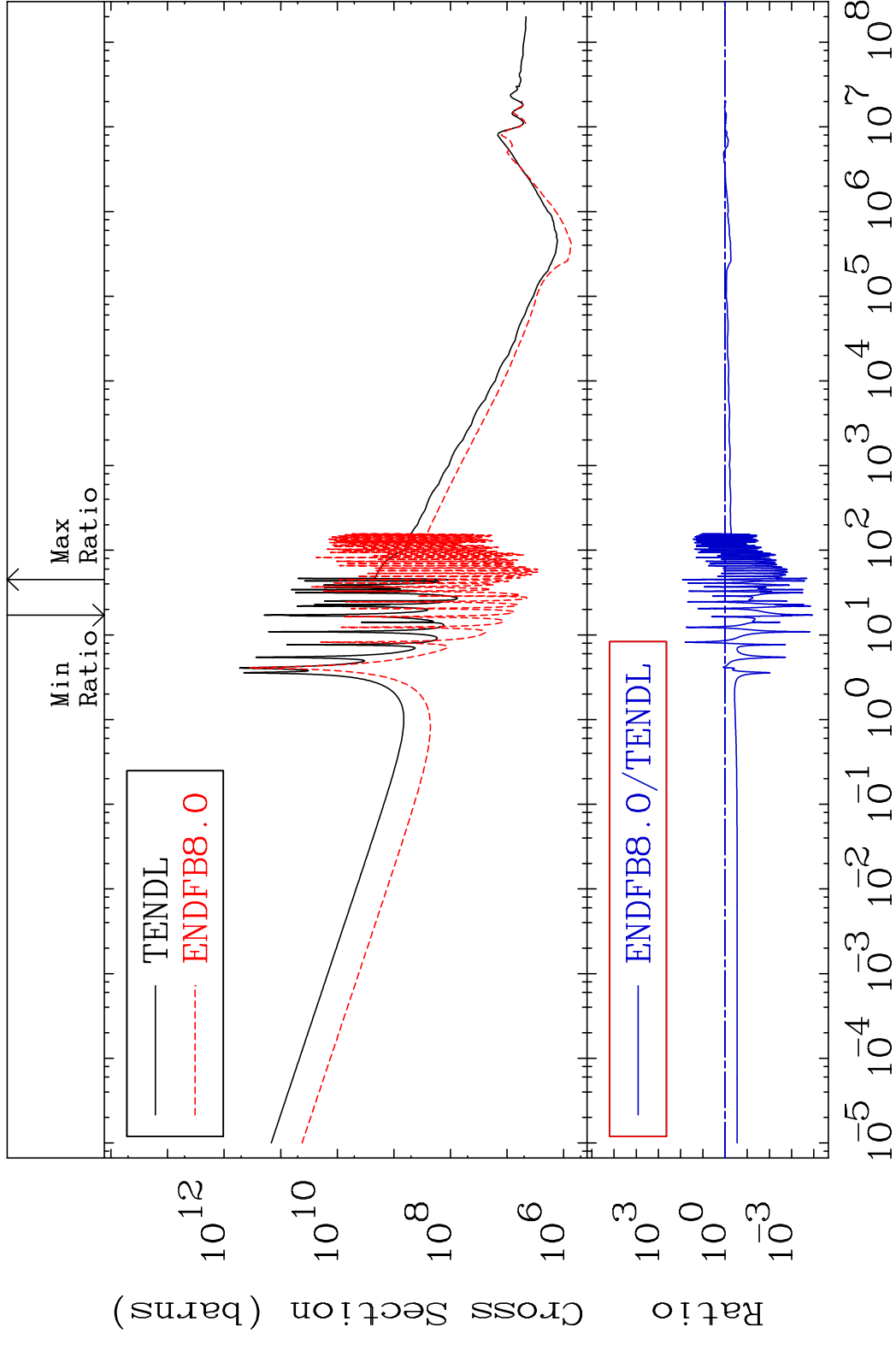
MAT 6161 Kerma fission (mt18 or mt19-20-21-38) 61-Pm-151
 Cross Section -100.0 To 1349. %



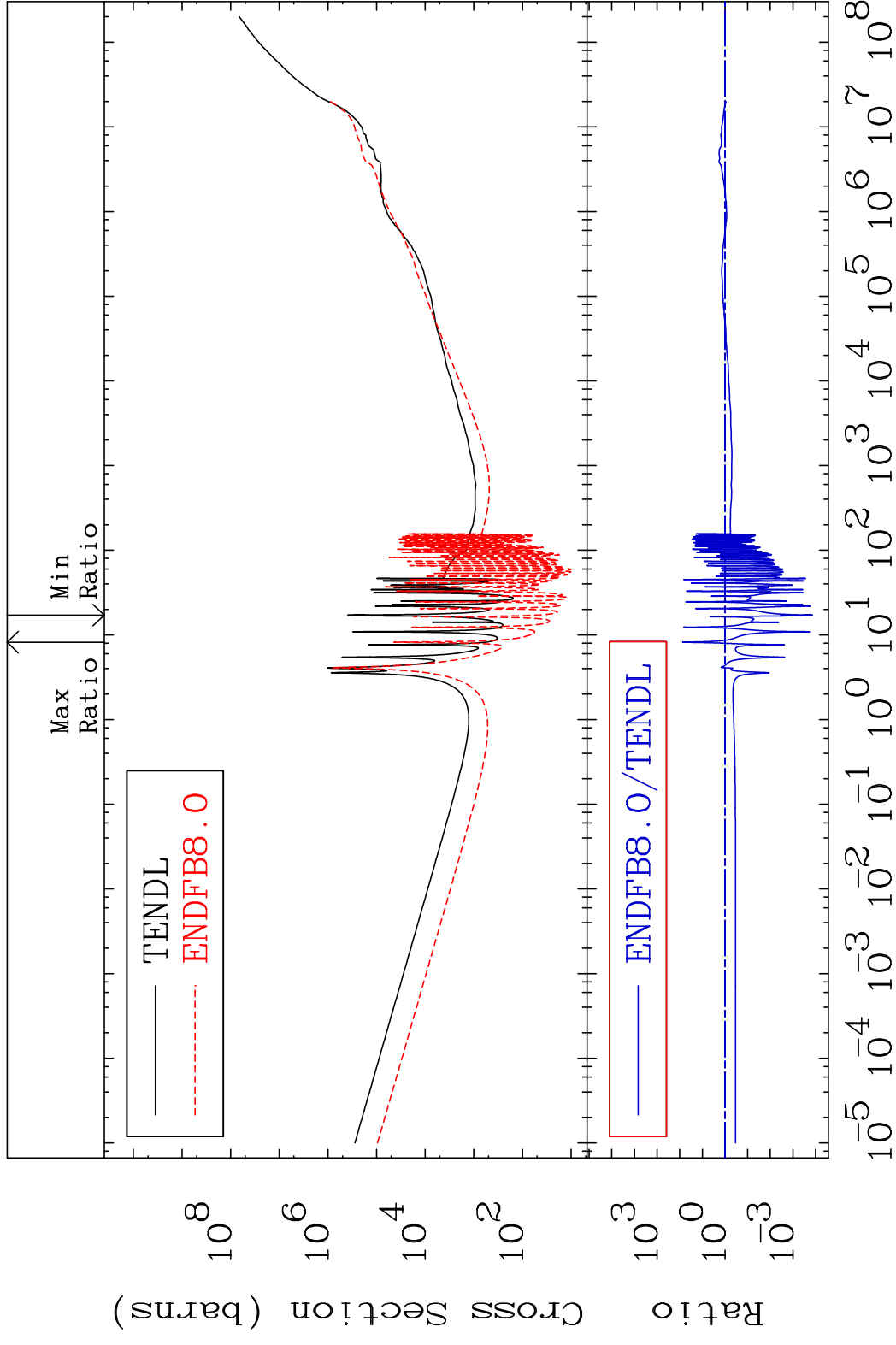
MAT 6161 Kerma capture (mt102) 61-Pm-151
 Cross Section -99.99 To 9914. %



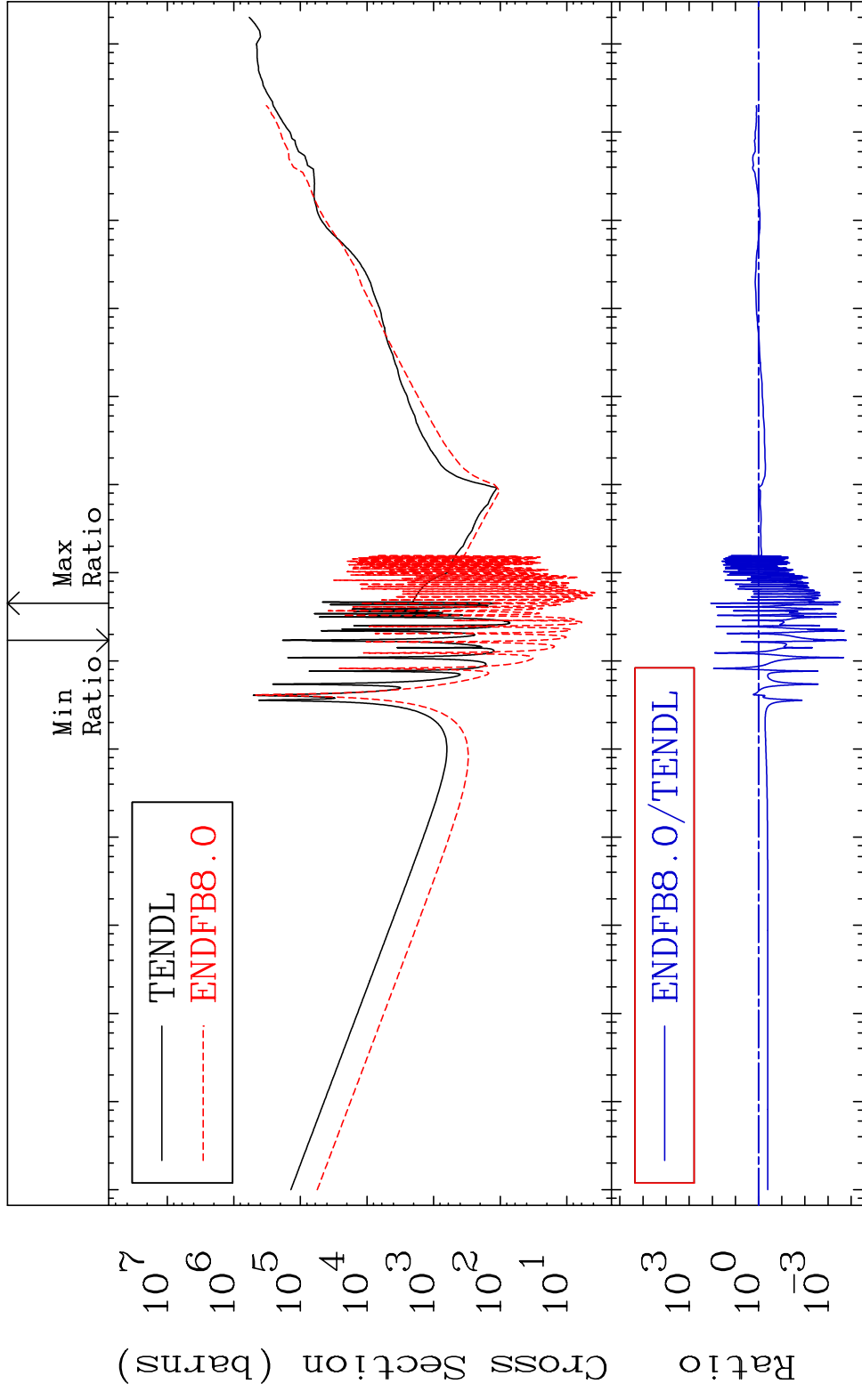
MAT 6161 Total photon (eV-barns) 61-Pm-151
 Cross Section -99.99 To 8261. %



MAT 6161 Total kinematic kerma (high limit) 61-Pm-151
 Cross Section -99.99 To 7533. %



MAT 6161 Dpa total (eV-barns) 61-Pm-151
 Cross Section -99.98 To 9999. %

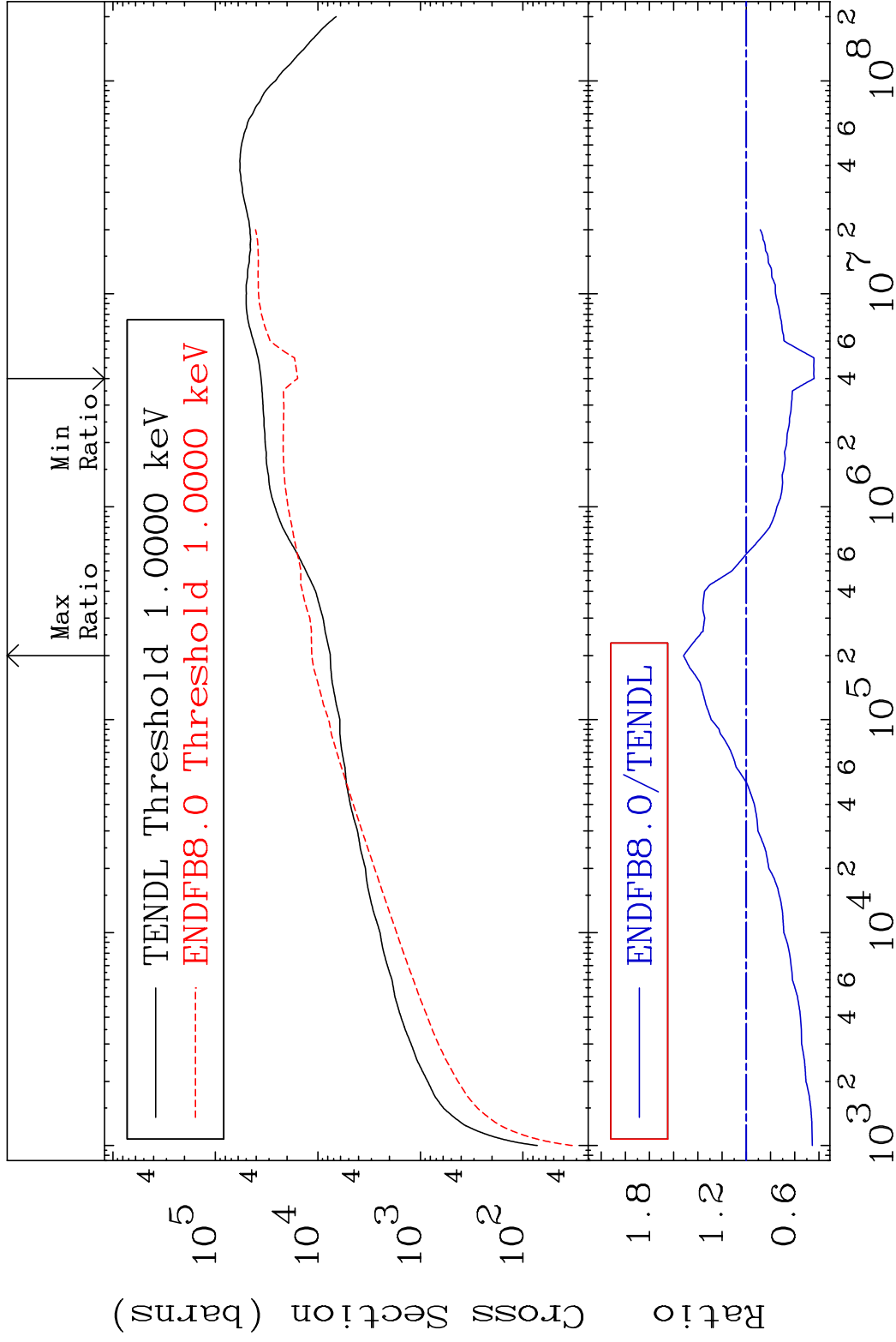


MAT 6161

Dpa elastic (mt2)

61-Pm-151

Cross Section -56.08 To 51.78 %

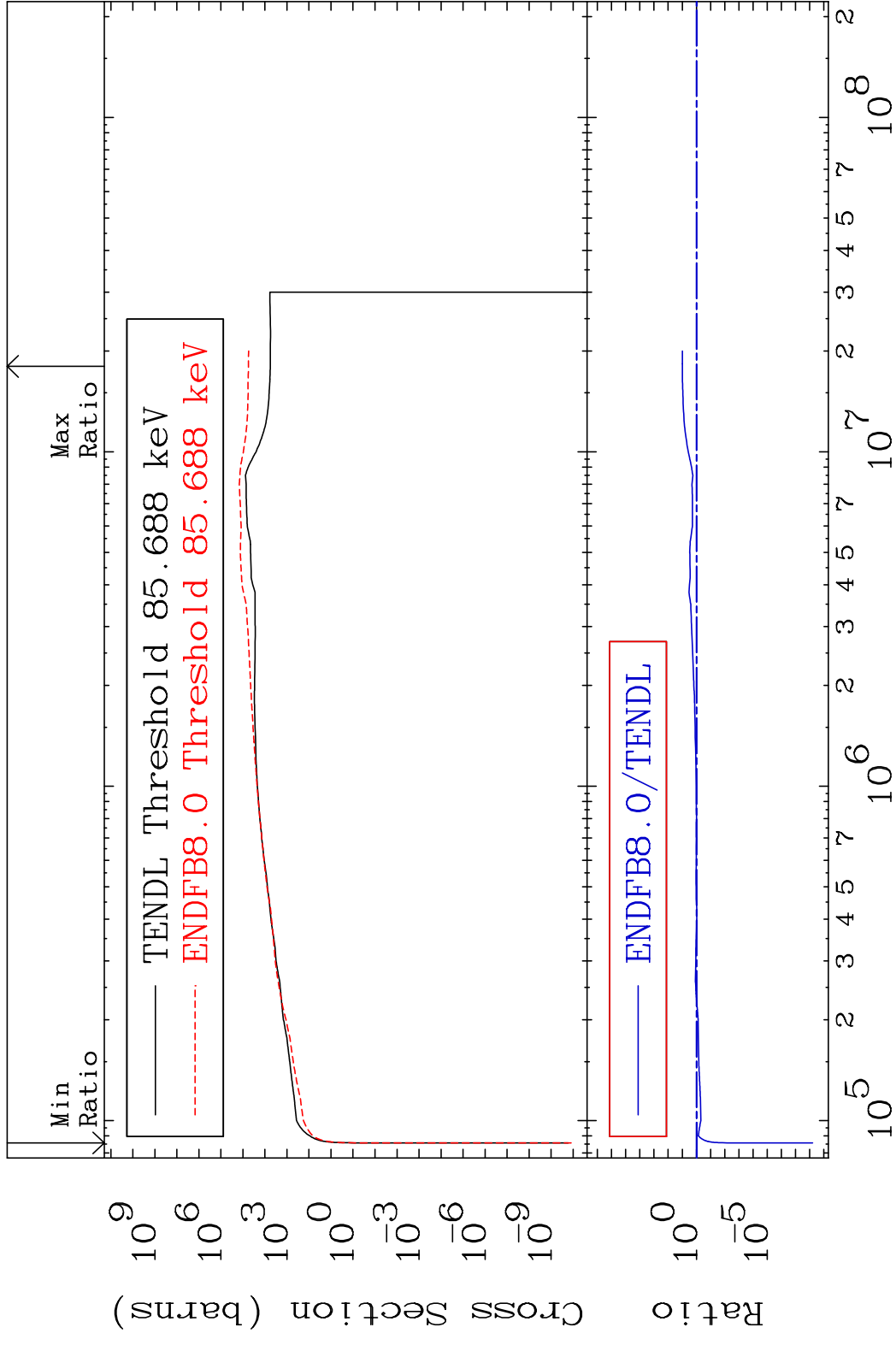


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Incident Energy (eV)

61-Pm-151

MAT 6161 Dpa inelastic (mt51-91) 61-Pm-151
 Cross Section -100.0 To 887.6 %



MAT 6161 Dpa disappearance (mt102 -120) 61-Pm-151
 Cross Section -99.98 To 9999. %

