

Program Complot
(Version 2021-1)

by

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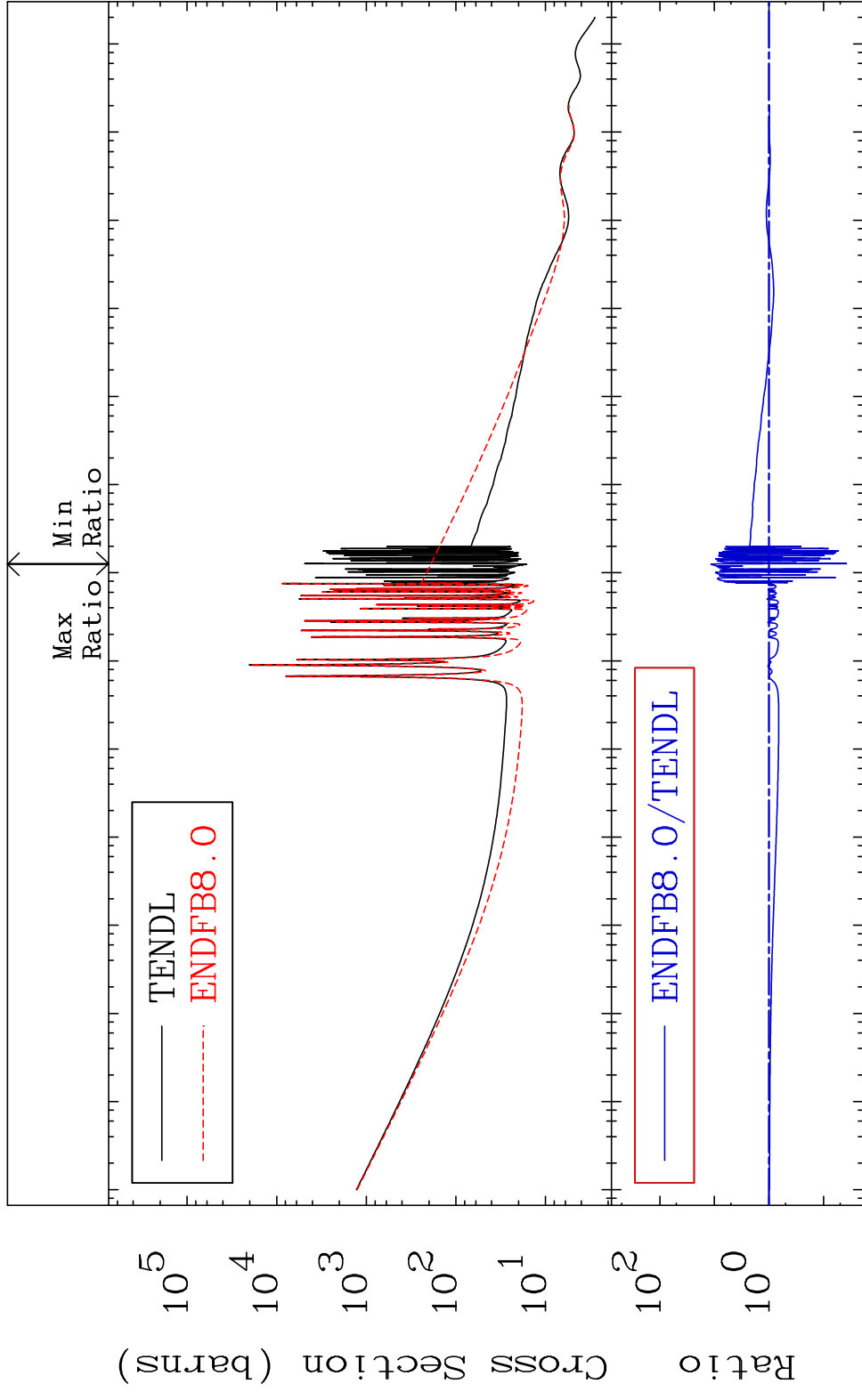
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7640

Total Cross Section -96.15 To 1069. %

76-0s-189



Ratio

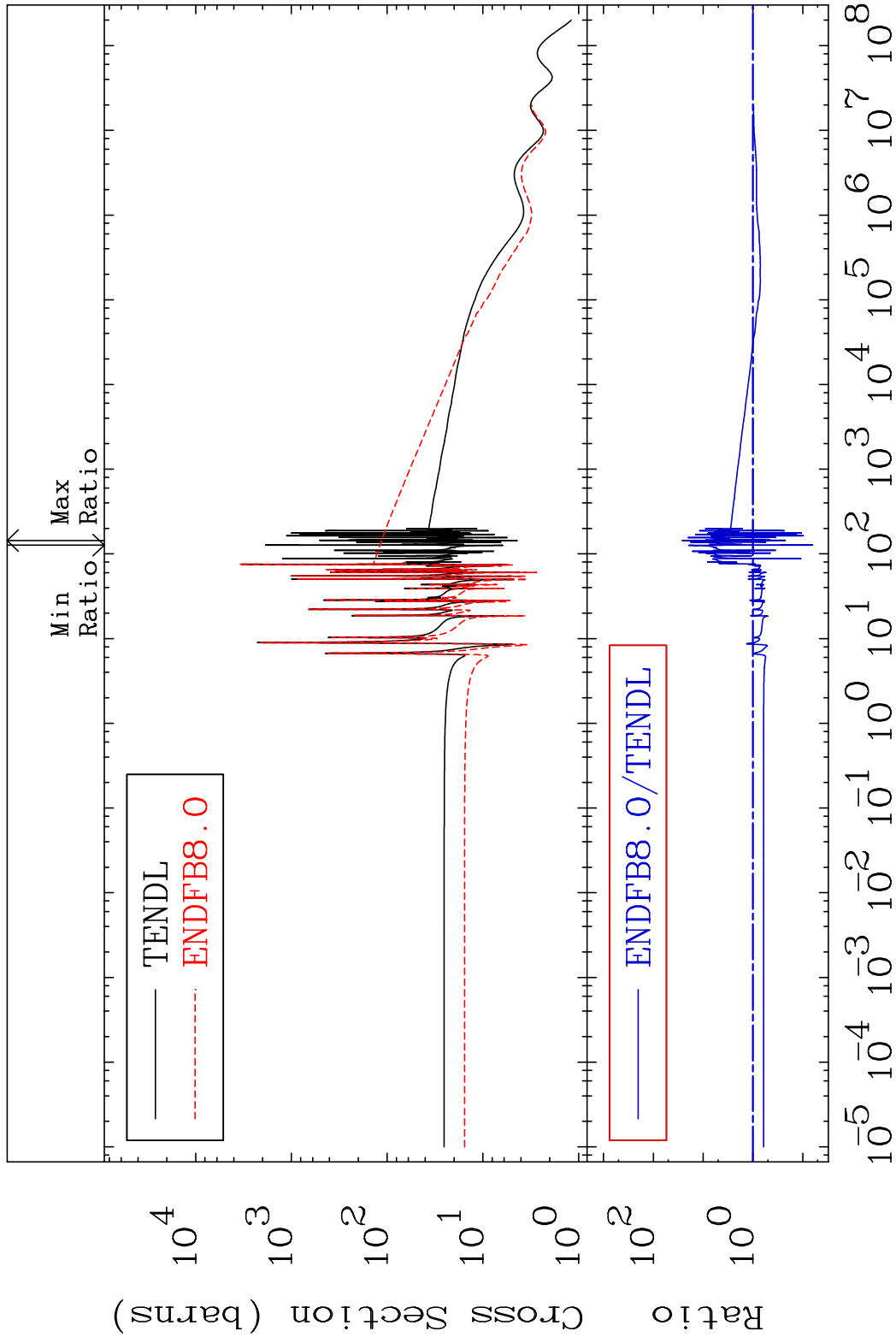
1 Incident Energy (eV) 76-0s-189

MAT 7640

Elastic

76-0s-189

Cross Section -93.66 To 2514. %

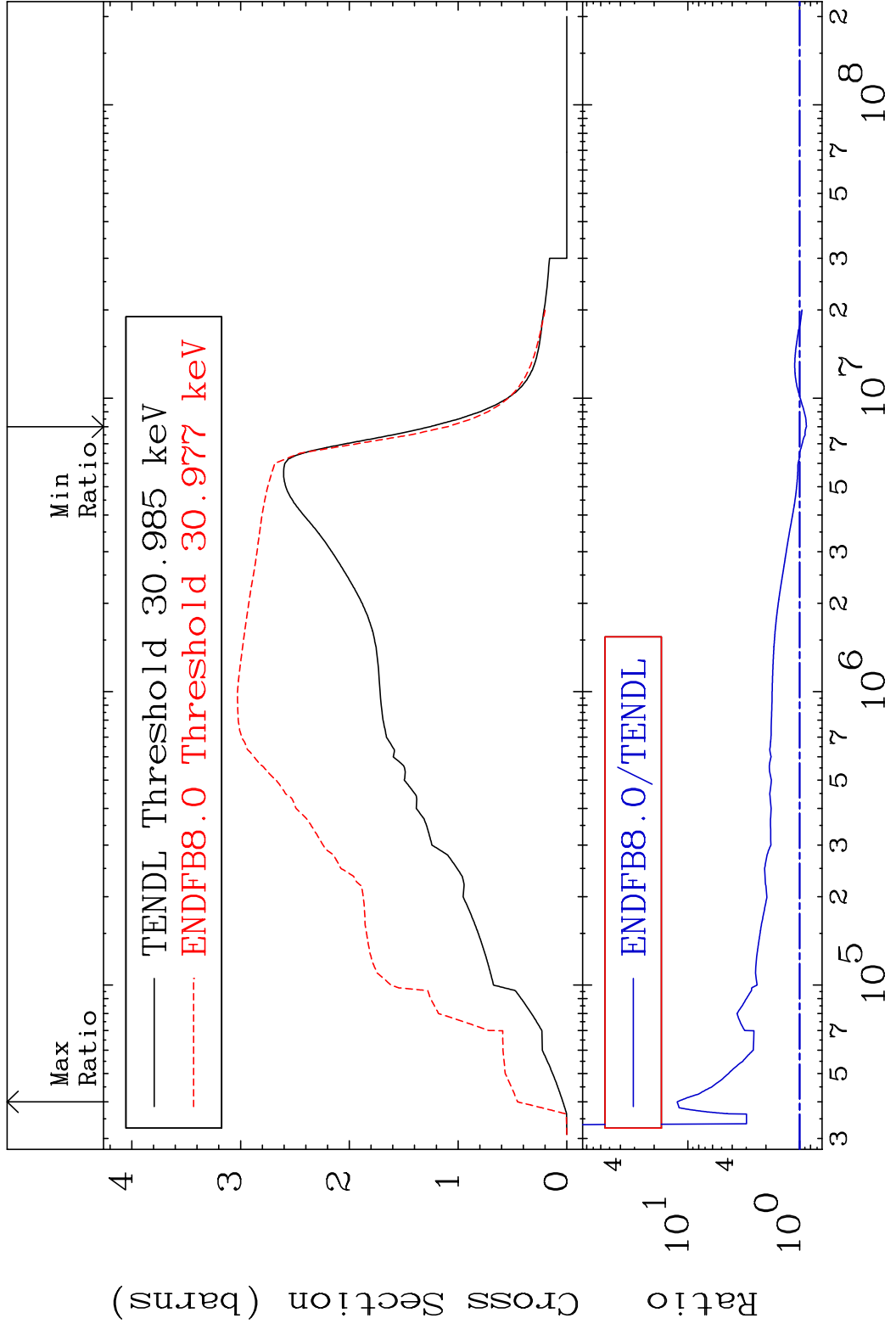


2

Incident Energy (eV)

76-0s-189

MAT 7640 Inelastic 76-0s-189
 Cross Section -12.92 To 1144. %



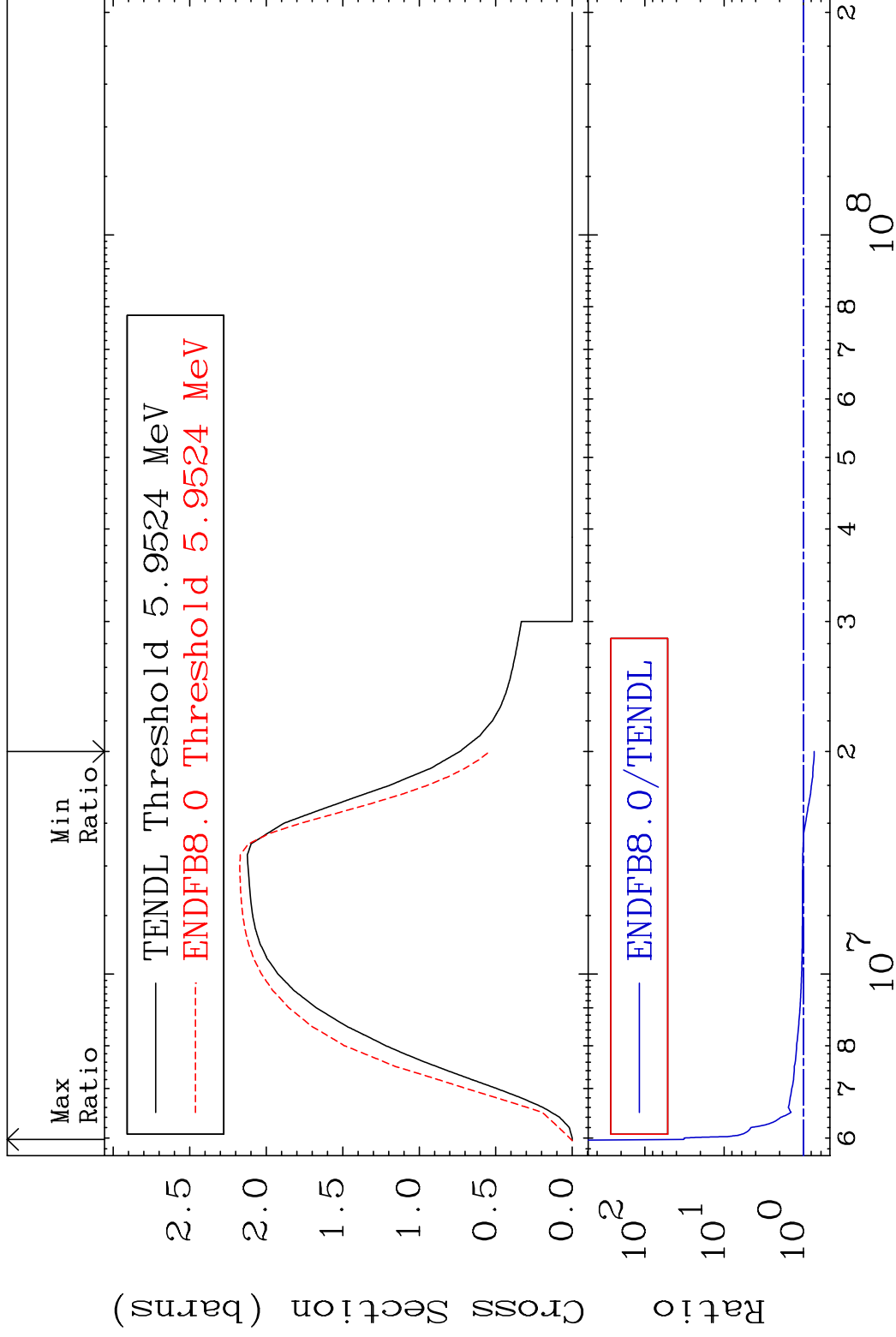
3 3 Incident Energy (eV) 76-0s-189

MAT 7640

(n,2n)

76-0s-189

Cross Section -26.52 To 3146. %



4

Incident Energy (eV)

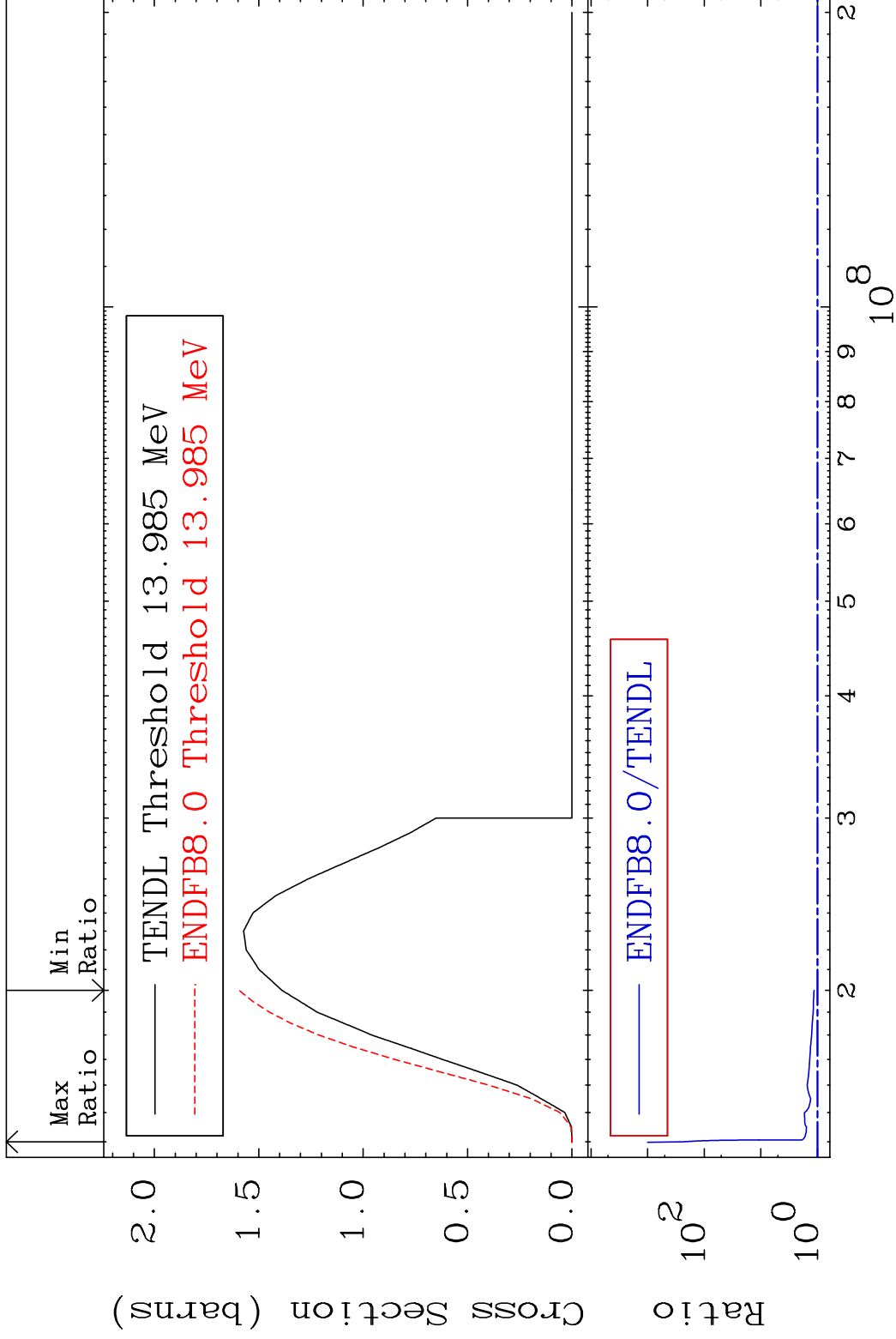
76-0s-189

MAT 7640

(n,3n)

76-0s-189

Cross Section 14.76 To 9999. %



5

Incident Energy (eV)

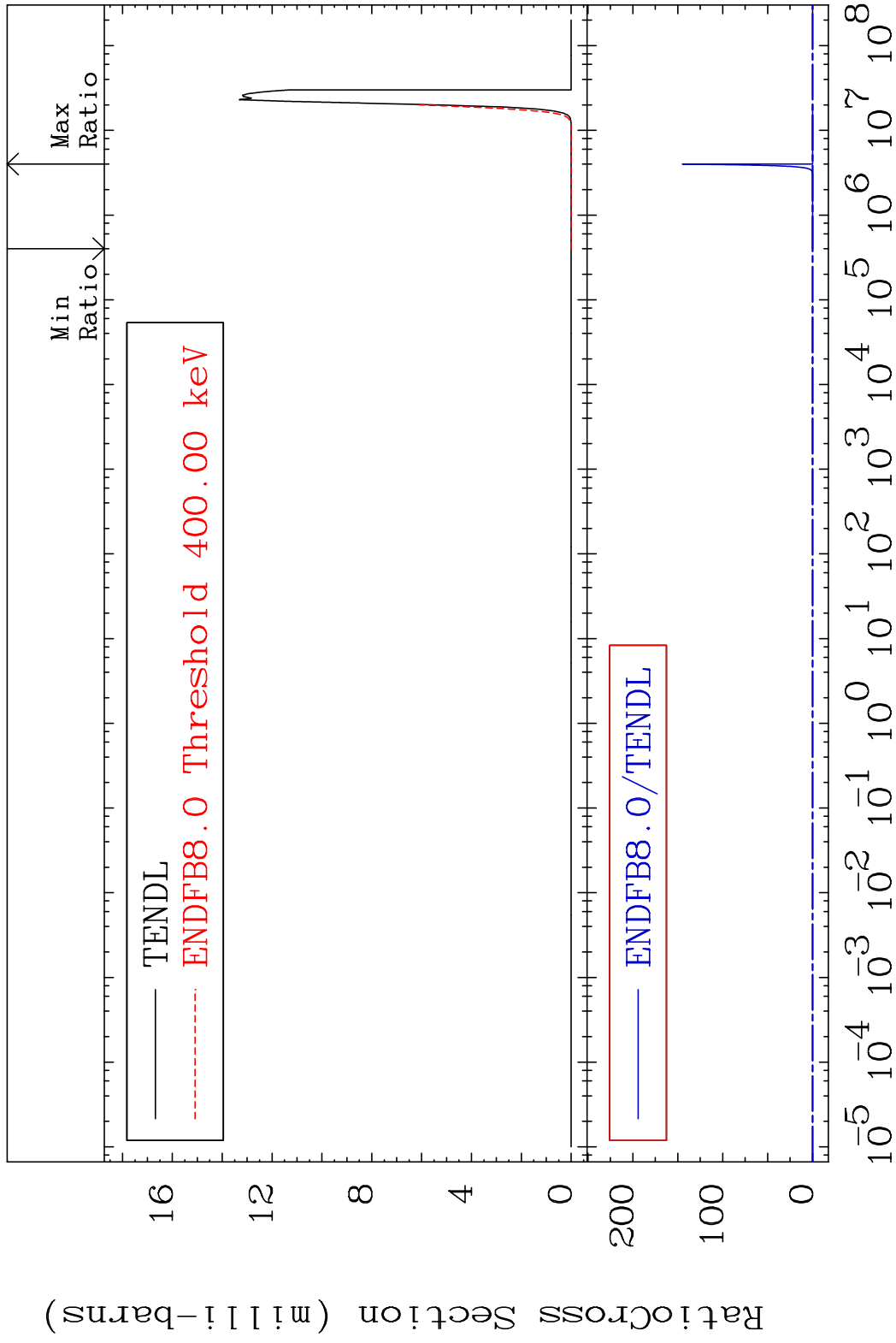
76-0s-189

MAT 7640

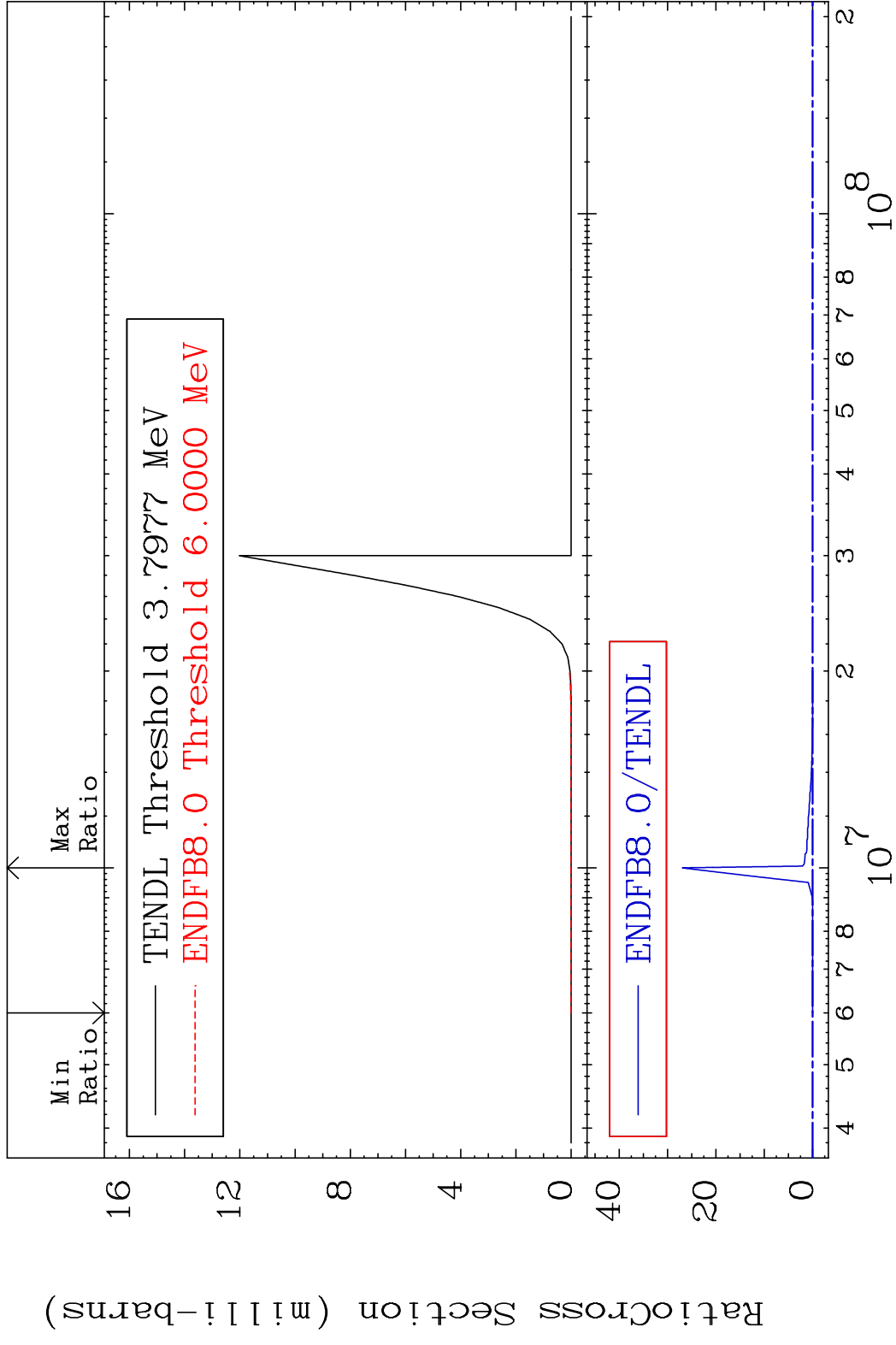
(n, n') α

76-Os-189

Cross Section -100.0 To 9999. %



MAT 7640 (n,2n) α 76-0s-189
 Cross Section -100.0 To 9999. %



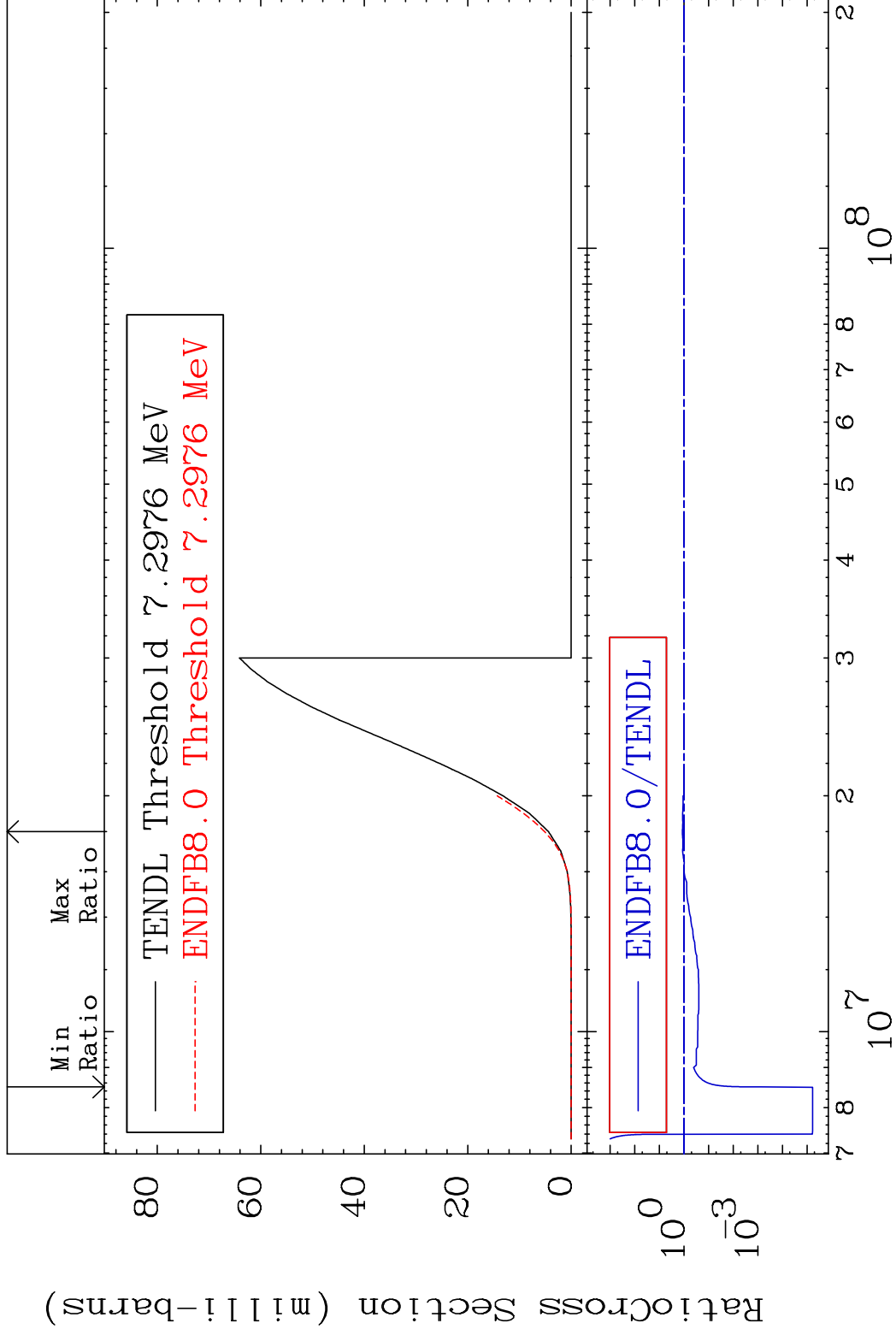
7 Incident Energy (eV) 76-0s-189

MAT 7640

(n, n') p

76-0s-189

Cross Section -100.0 To 16.96 %



8

Incident Energy (eV)

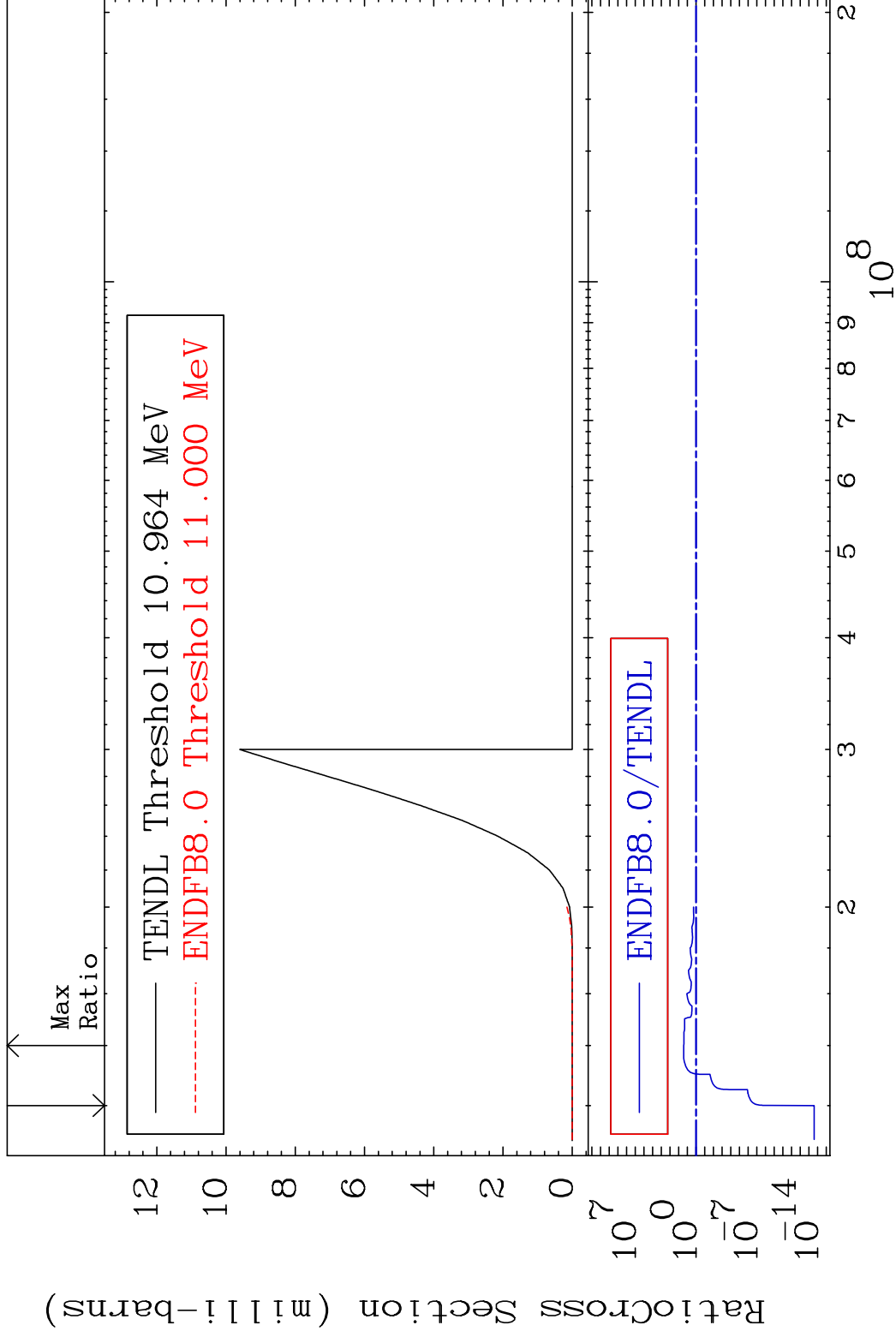
76-0s-189

MAT 7640

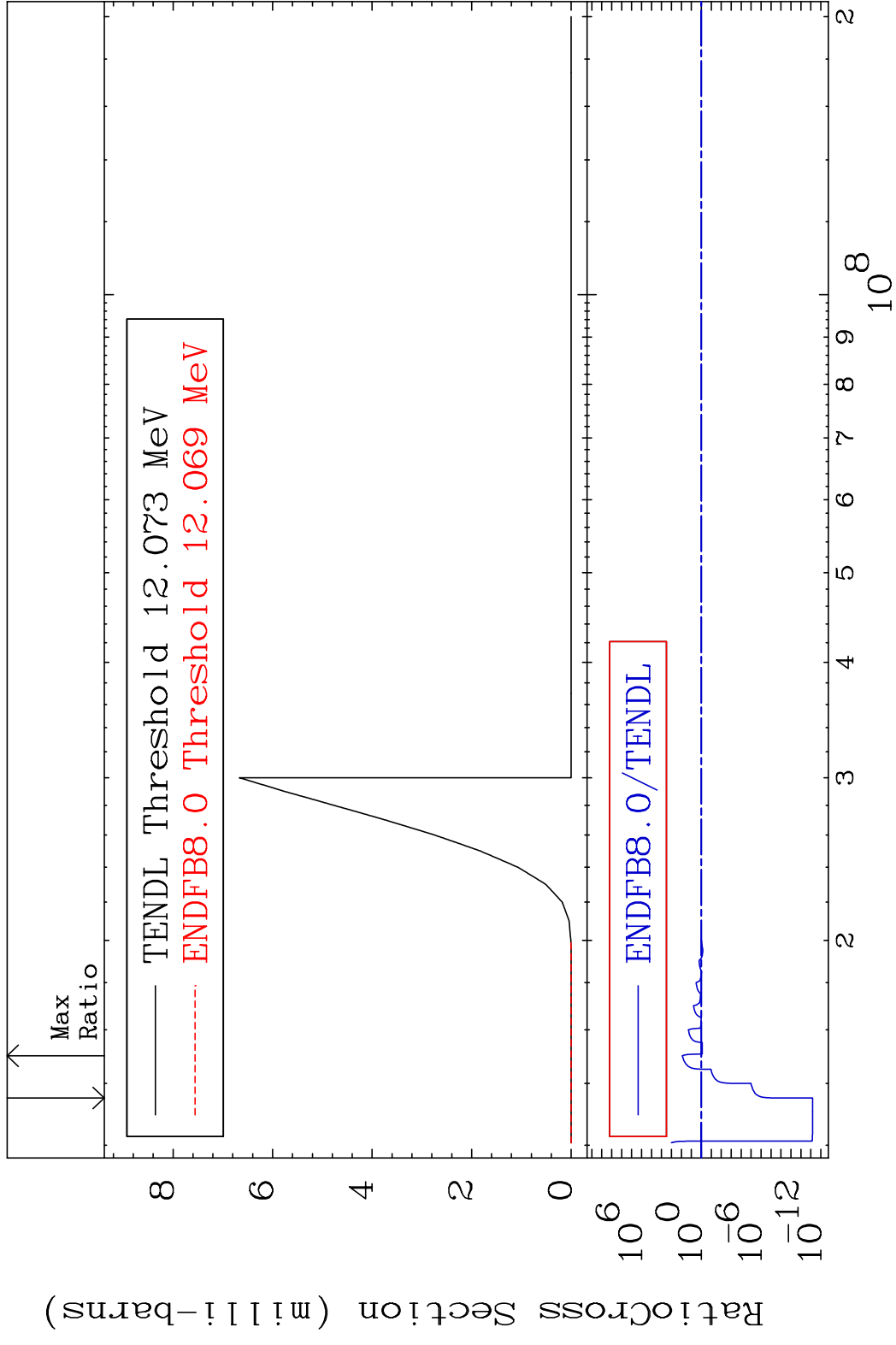
(n, n') d

76-0s-189

Cross Section -100.0 To 2572. %



MAT 7640 (n, n') t 76-0s-189
 Cross Section -100.0 To 7910. %



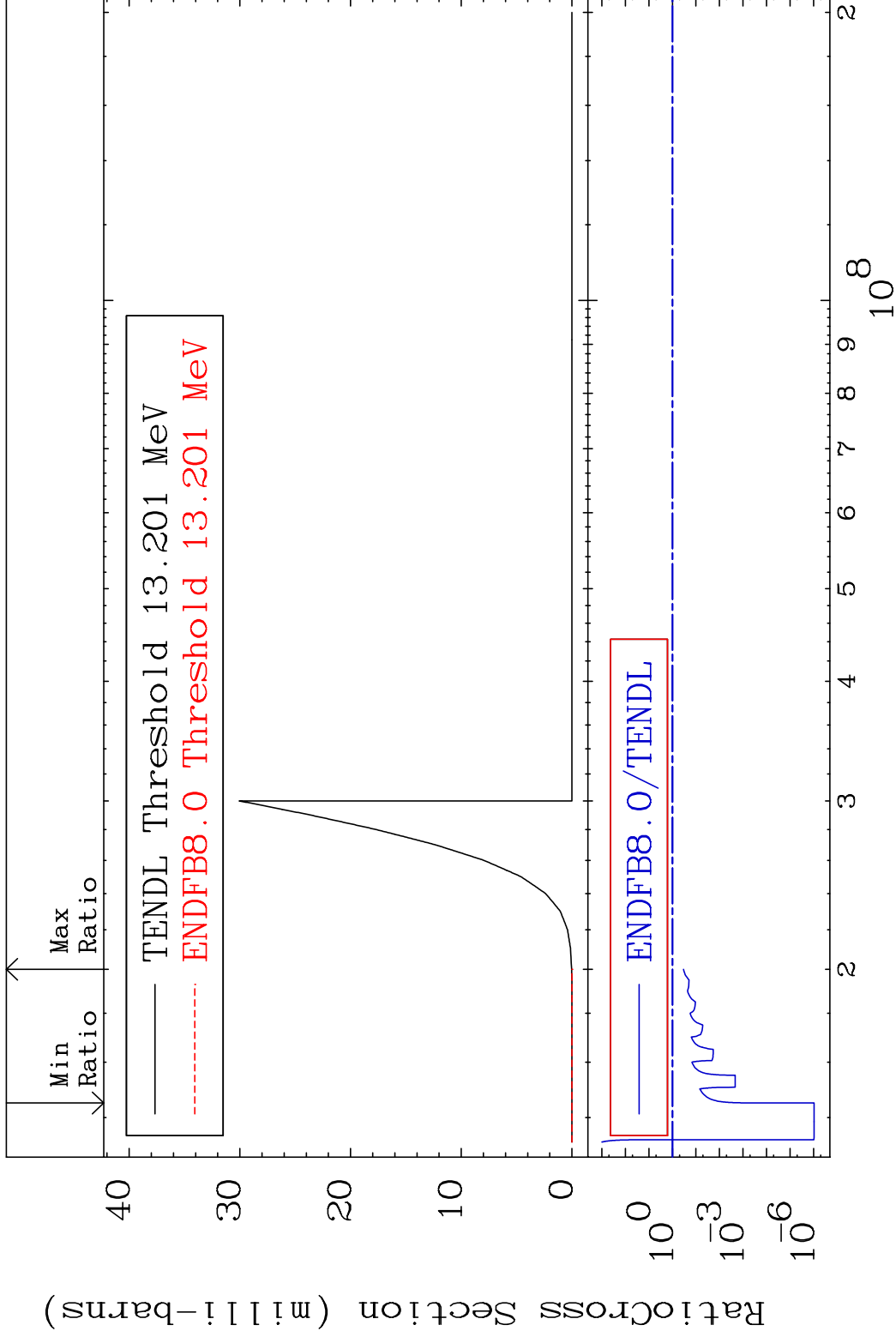
10 10 Incident Energy (eV) 76-0s-189

MAT 7640

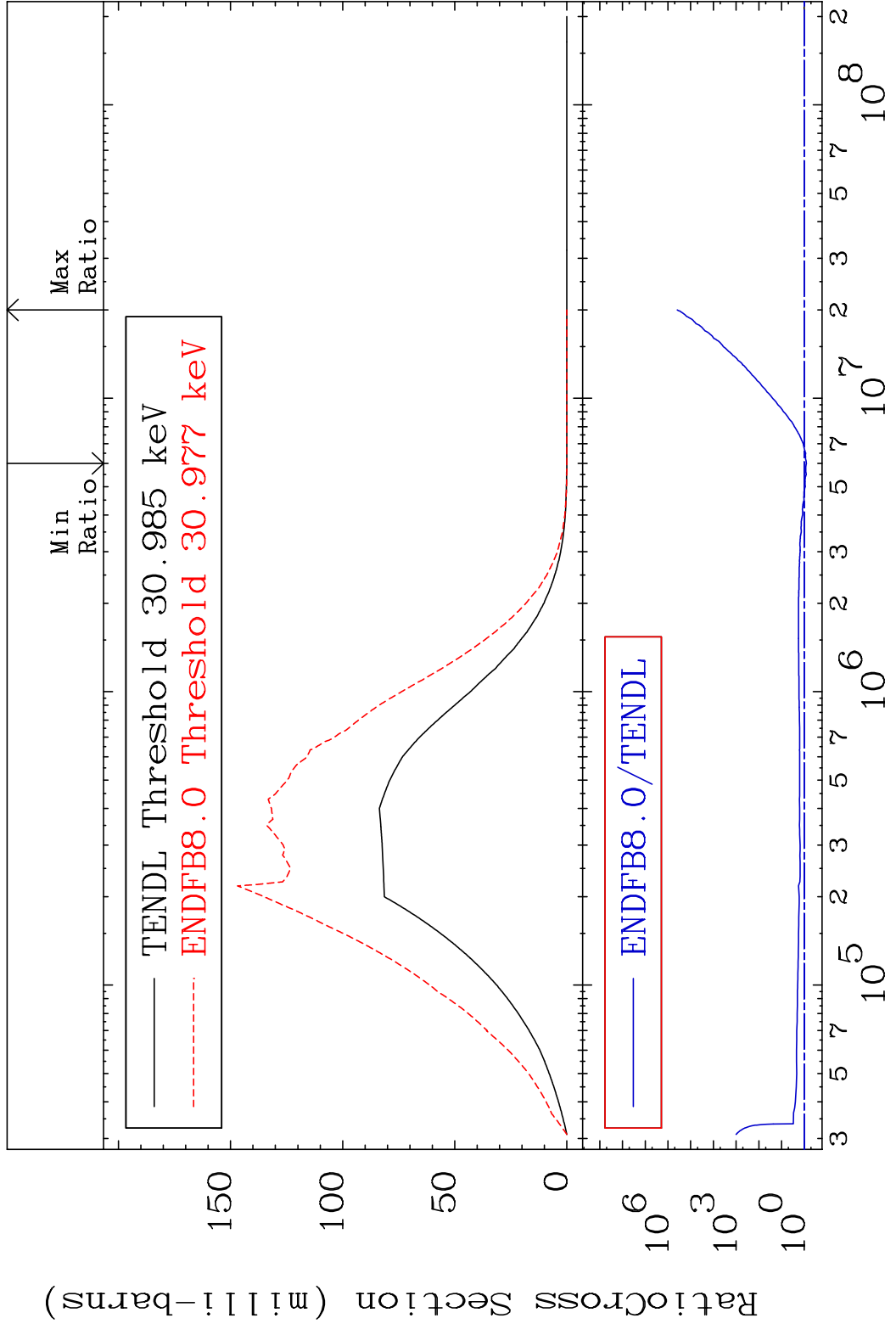
(n,2n) p

76-0s-189

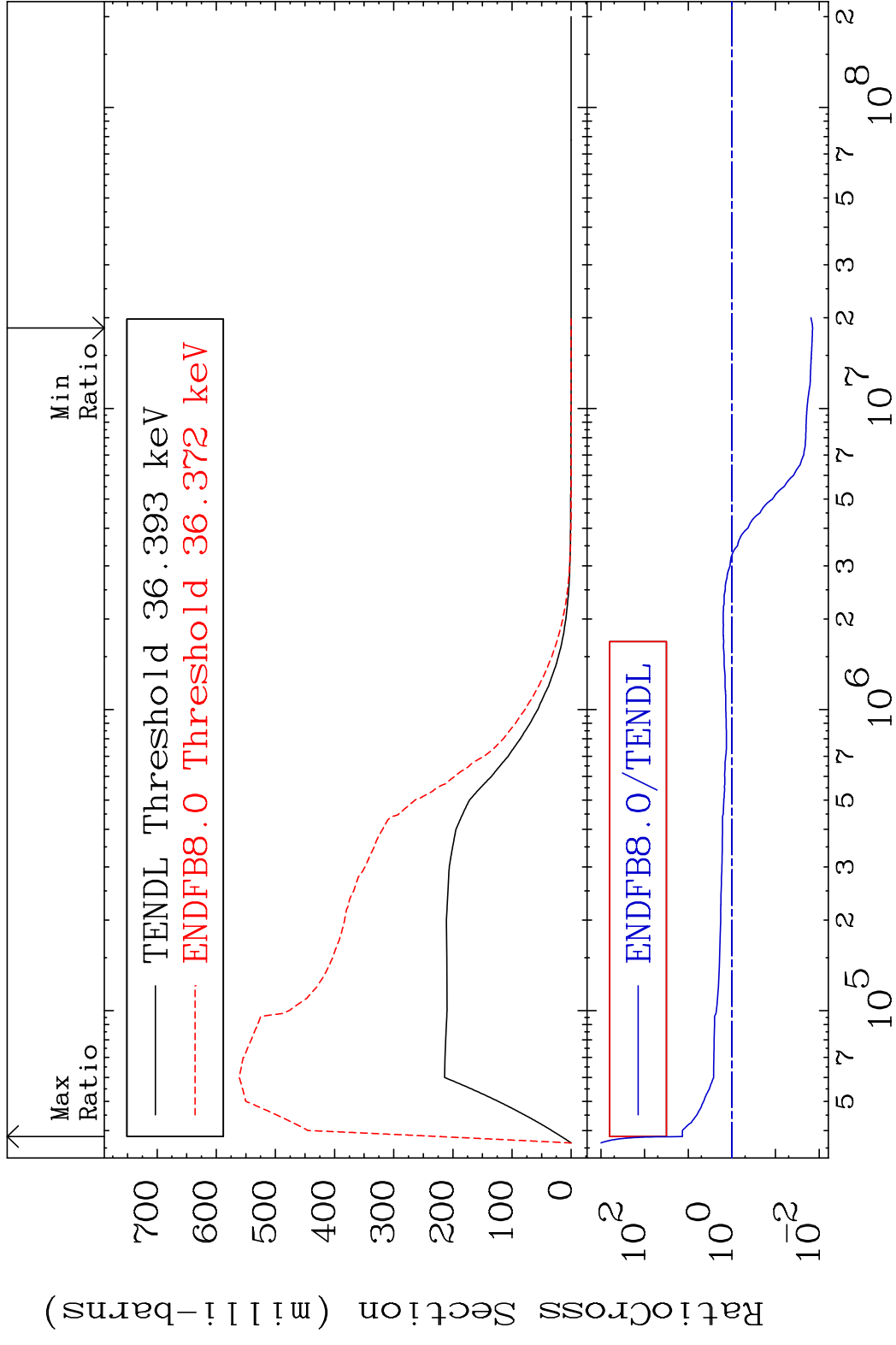
Cross Section -100.0 To -66.06%



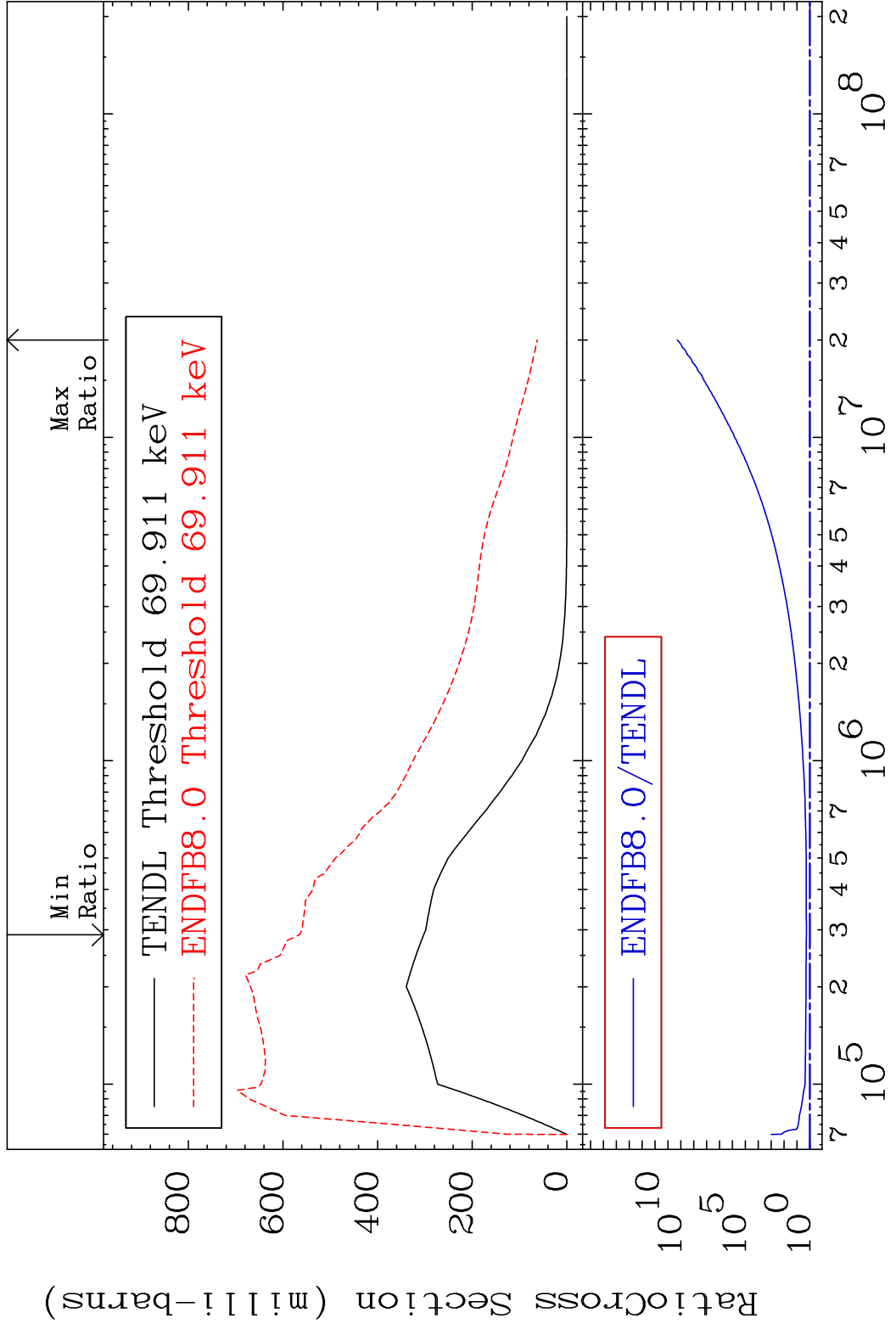
MAT 7640 MT= 51 (n,n') Level 76-0s-189
 Cross Section -19.64 To 9999. %



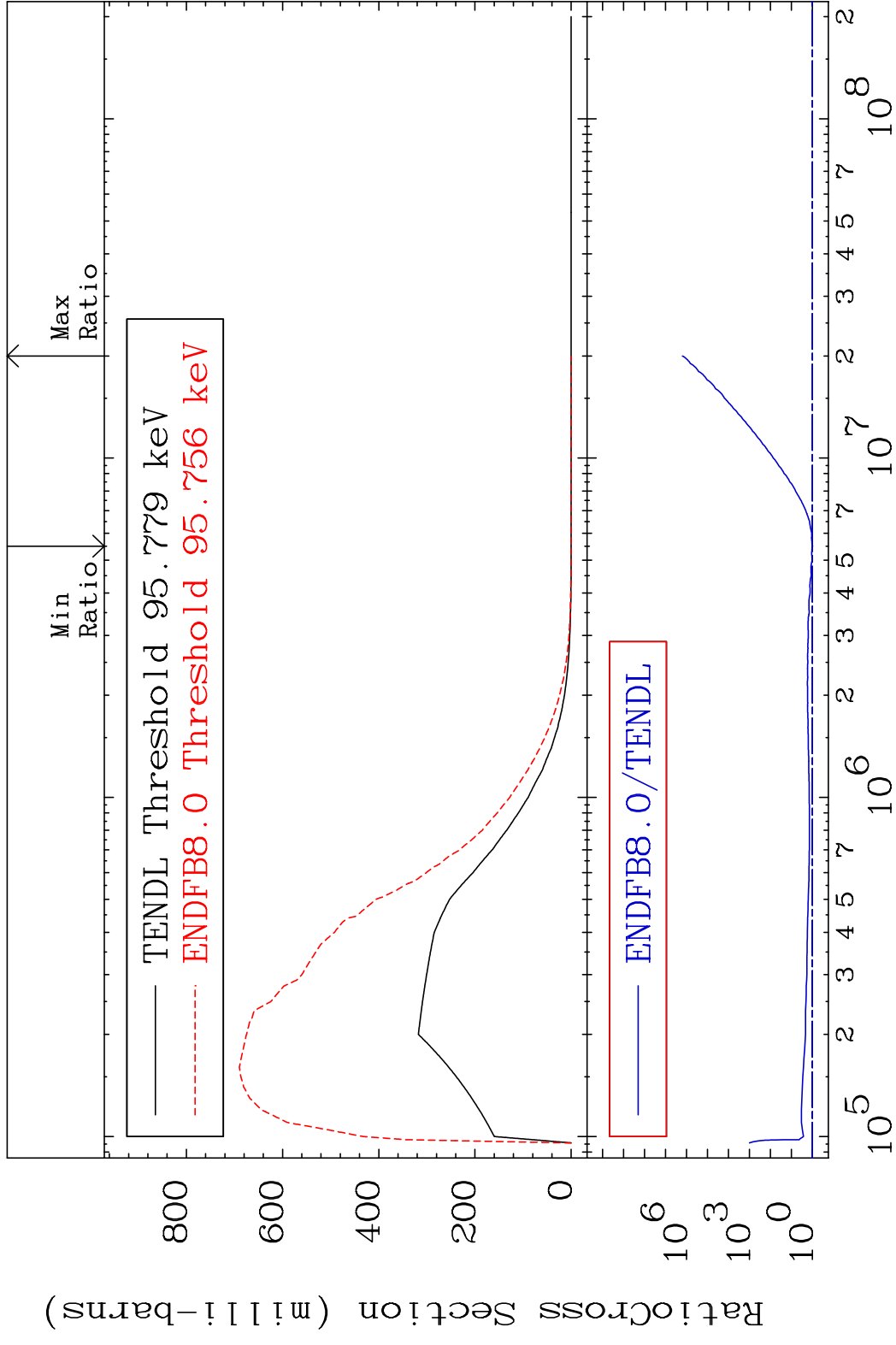
MAT 7640 MT= 52 (n,n') Level 76-0s-189
 Cross Section -98.58 To 1266. %



MAT 7640 MT= 53 (n,n') Level 76-0s-189
 Cross Section 86.84 To 9999. %

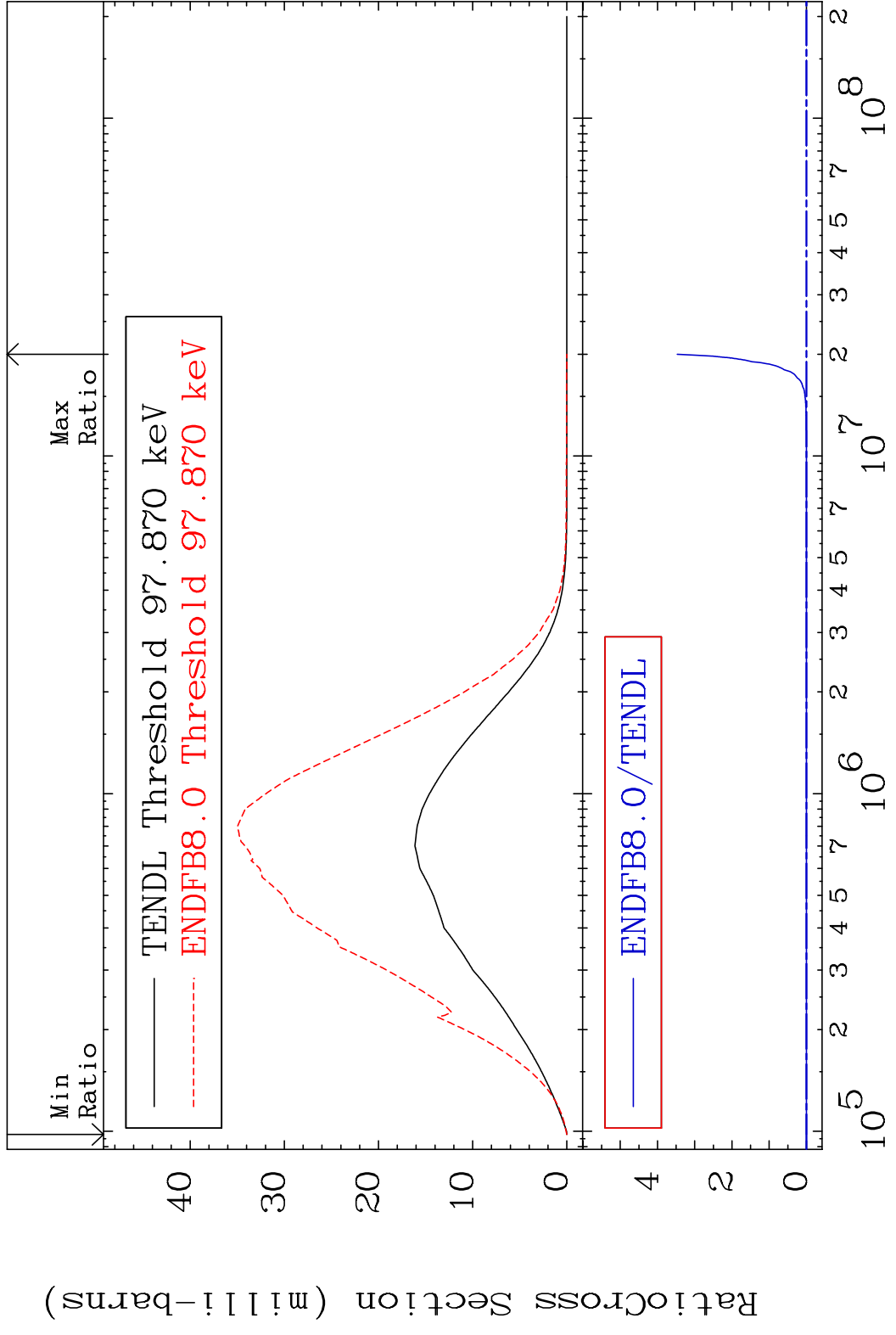


MAT 7640 MT= 54 (n,n') Level 76-0s-189
 Cross Section -1.047 To 9999. %



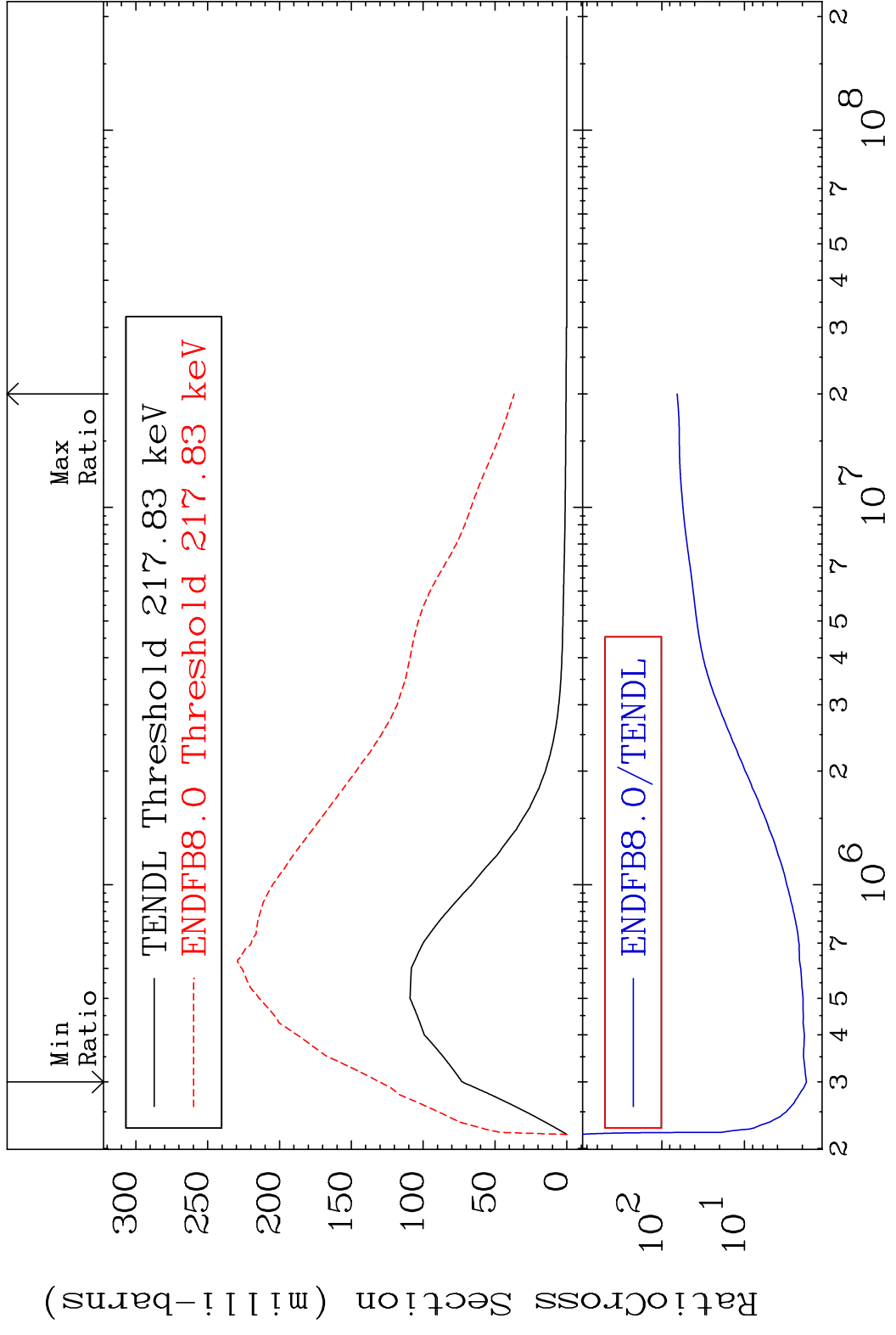
15 Incident Energy (eV) 76-0s-189

MAT 7640 MT= 55 (n,n') Level 76-0s-189
 Cross Section -100.0 To 9999. %

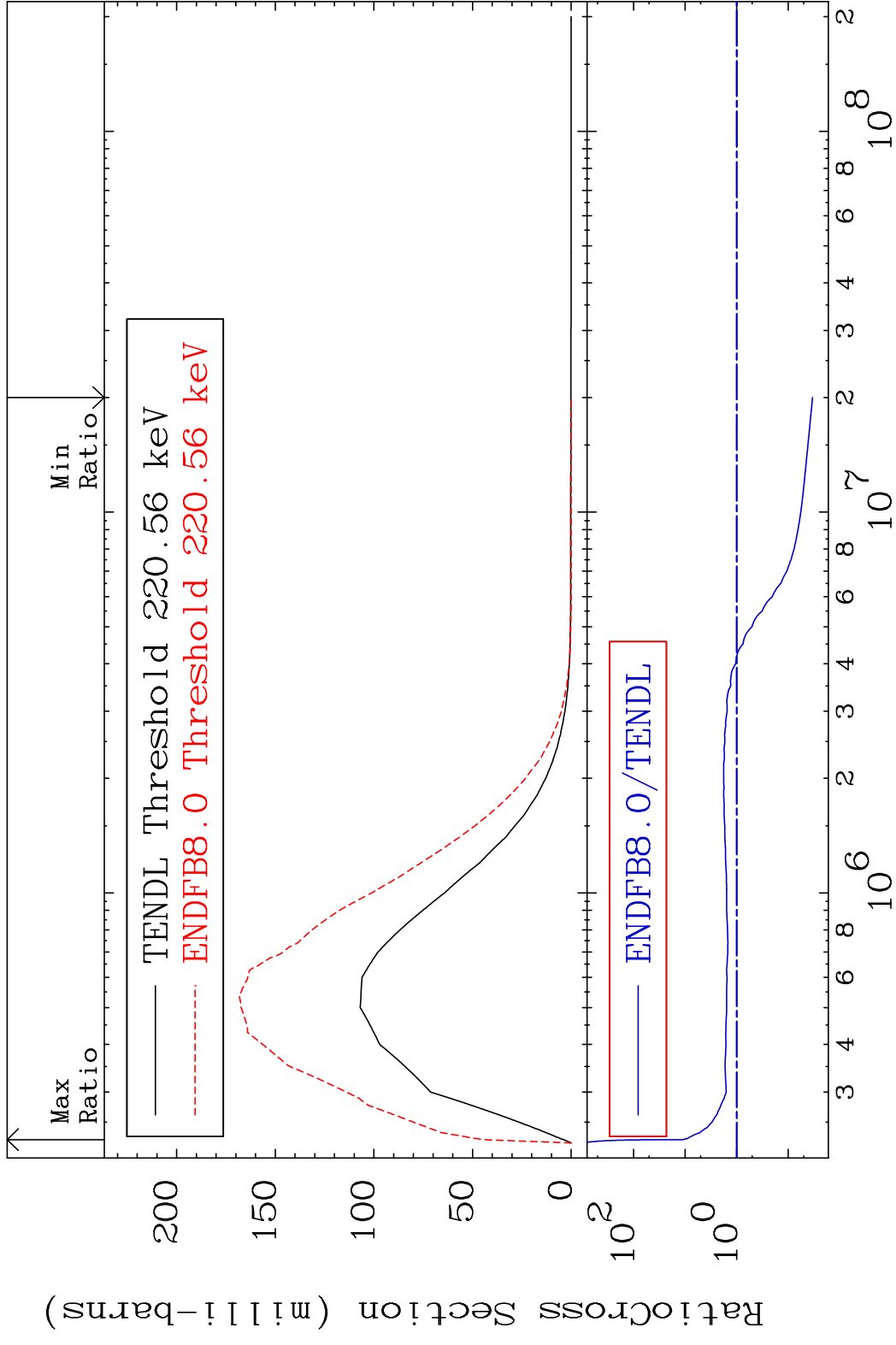


16 Incident Energy (eV) 76-0s-189

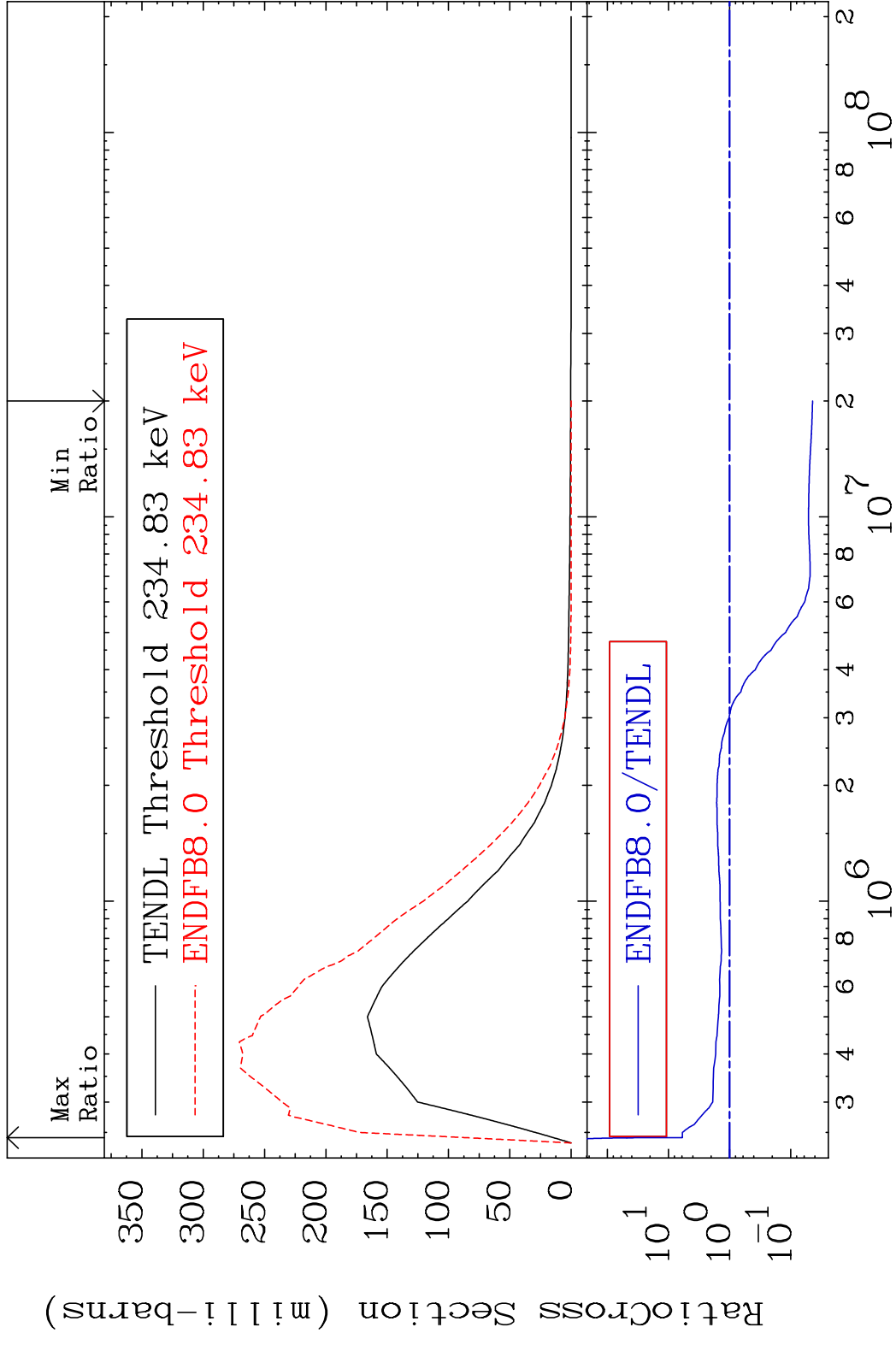
MAT 7640 MT= 56 (n,n') Level 76-0s-189
 Cross Section 78.80 To 6412. %



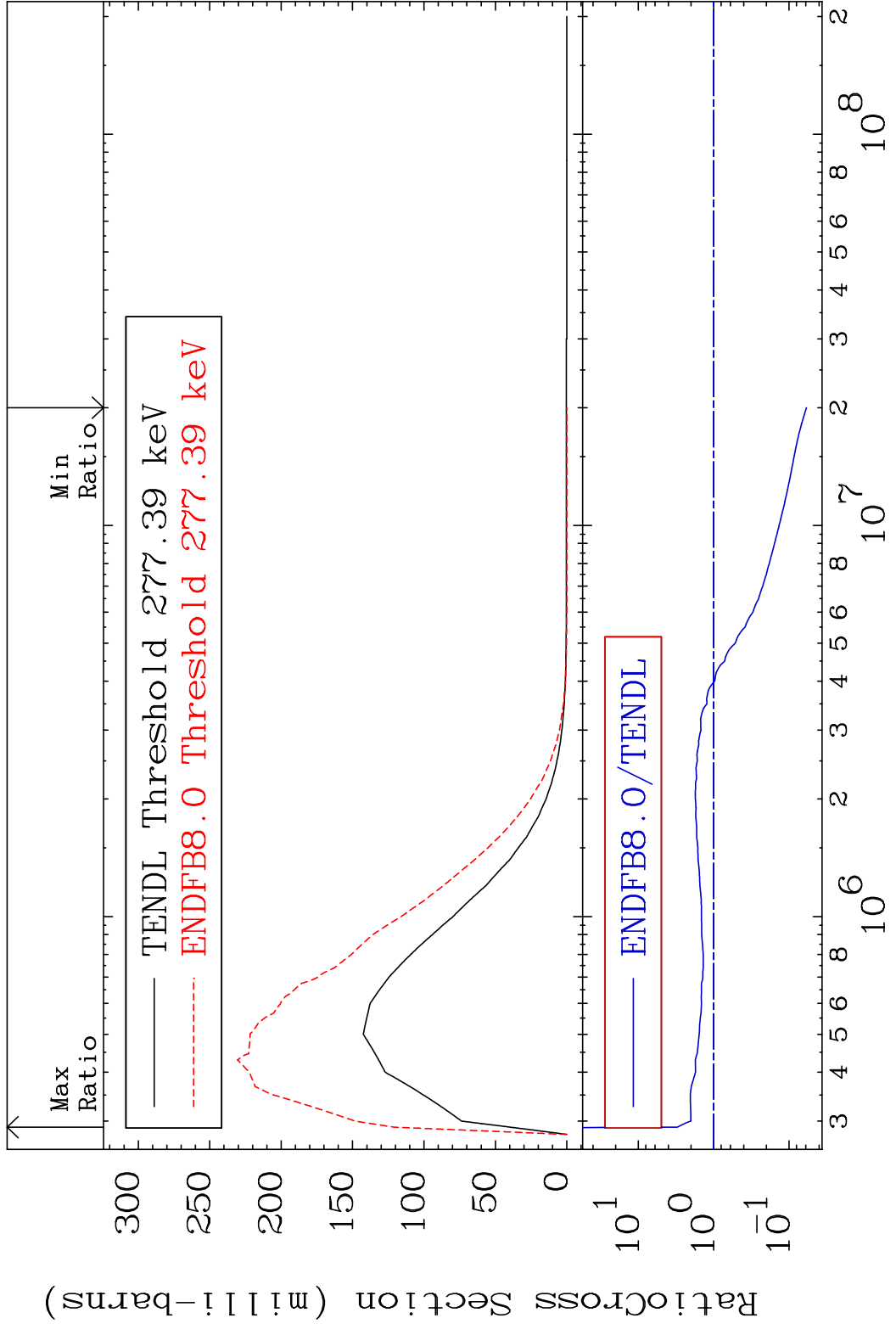
MAT 7640 MT= 57 (n,n') Level 76-0s-189
 Cross Section -96.61 To 1034. %



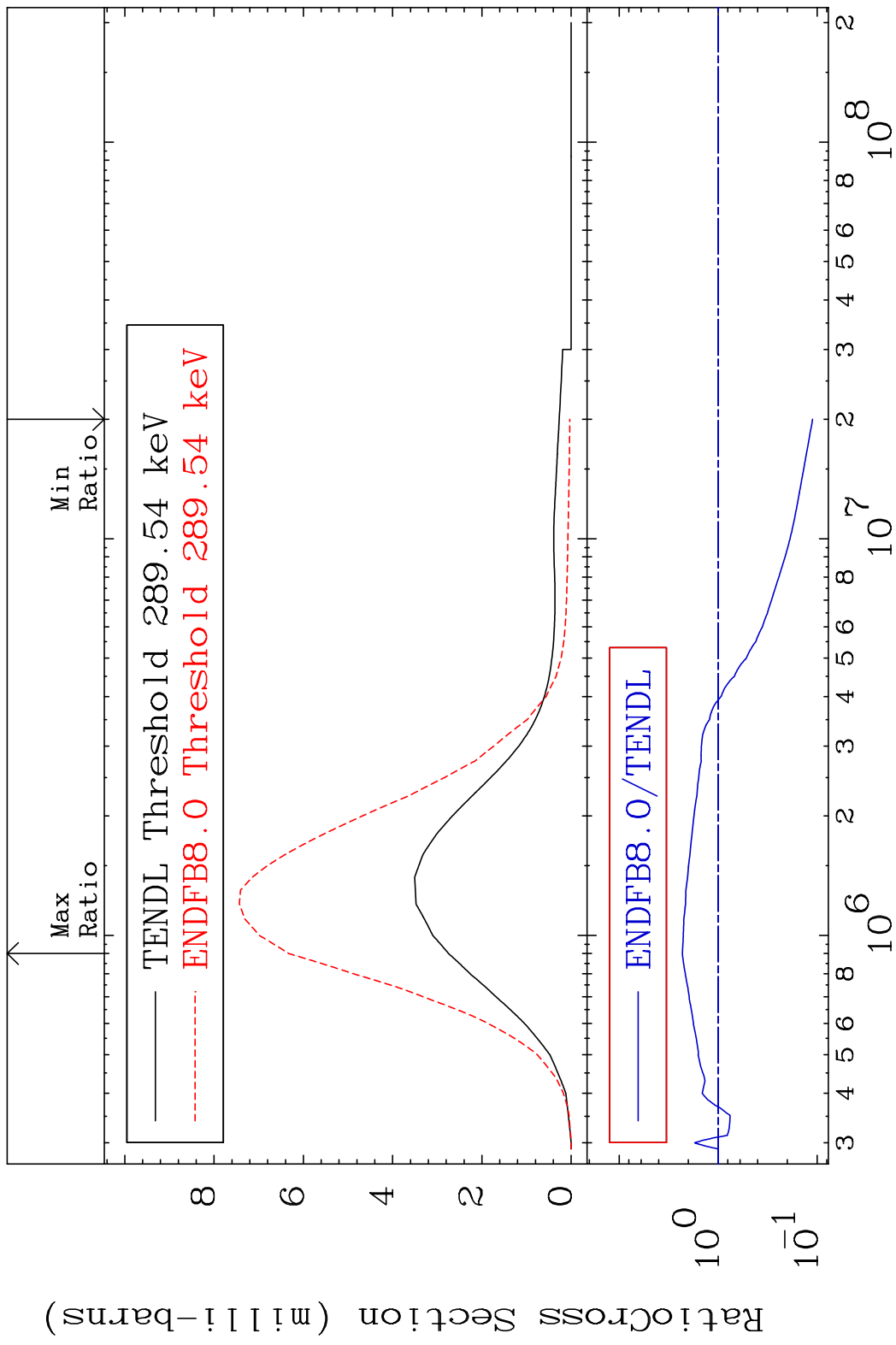
MAT 7640 MT= 58 (n,n') Level 76-0s-189
 Cross Section -95.62 To 492.9 %



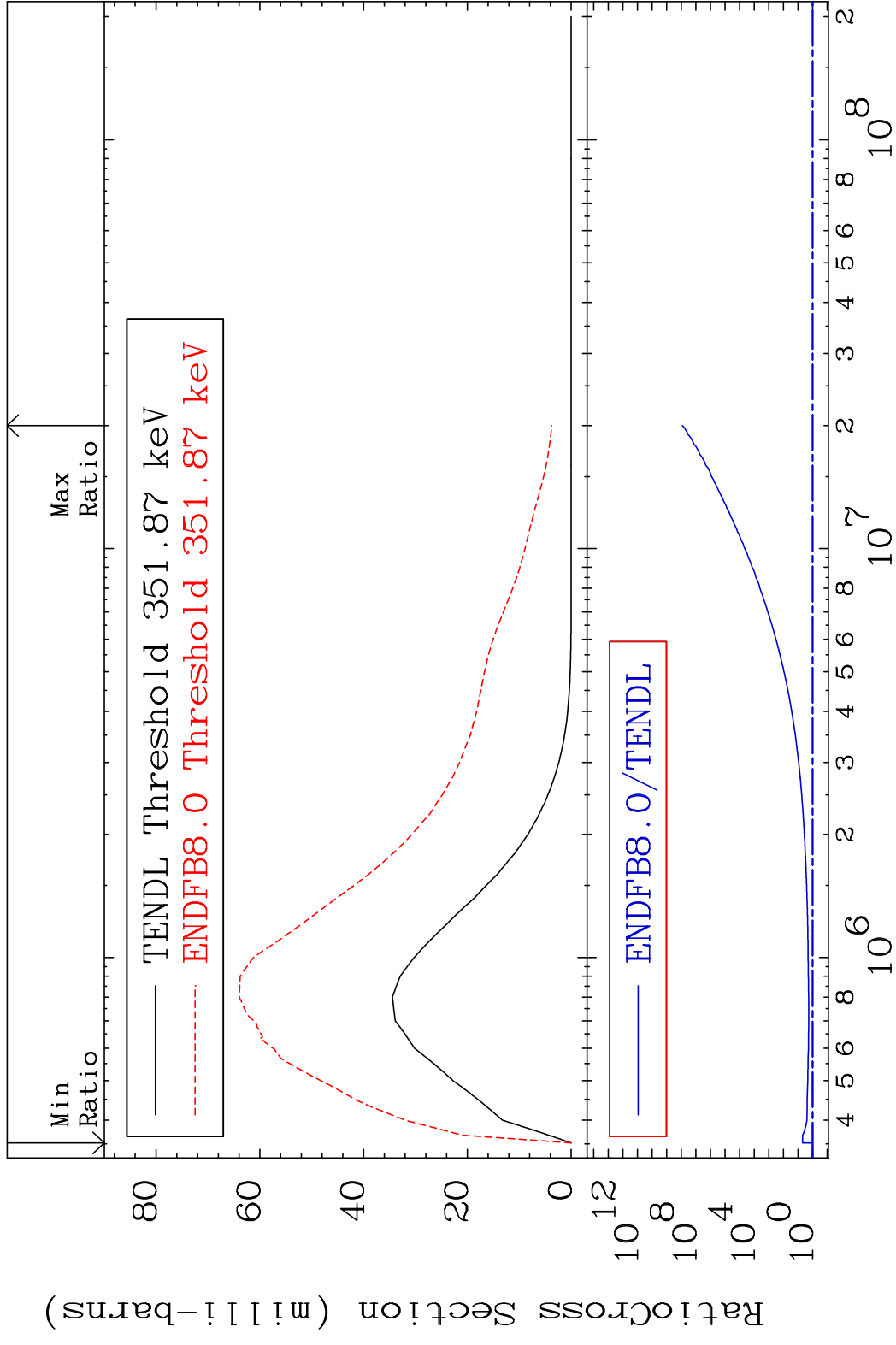
MAT 7640 MT= 59 (n,n') Level 76-0s-189
 Cross Section -94.11 To 205.6 %



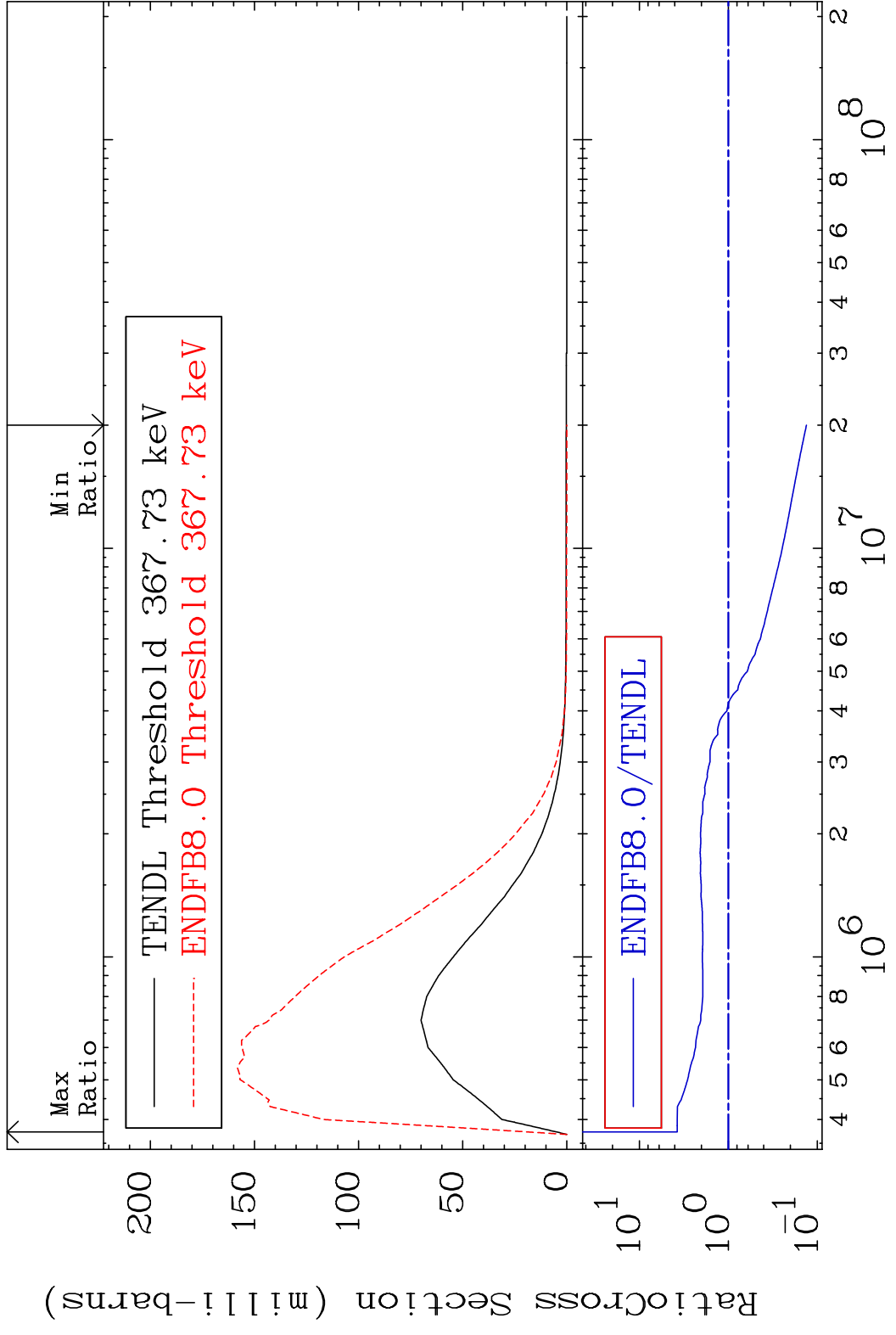
MAT 7640 MT= 60 (n, n') Level 76-0s-189
 Cross Section -88.88 To 130.2 %



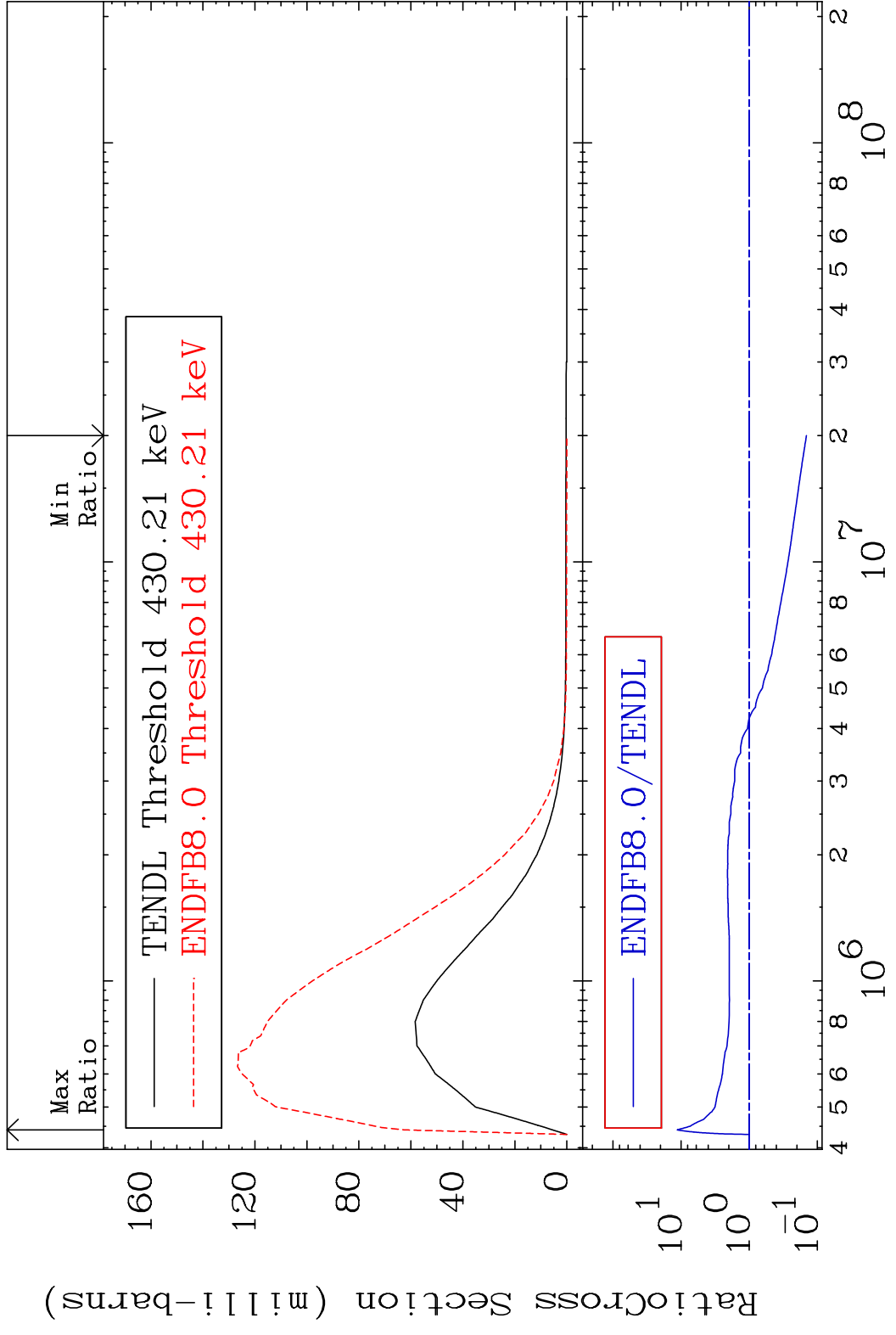
MAT 7640 MT= 61 (n, n') Level 76-0s-189
 Cross Section 0.000 To 9999. %



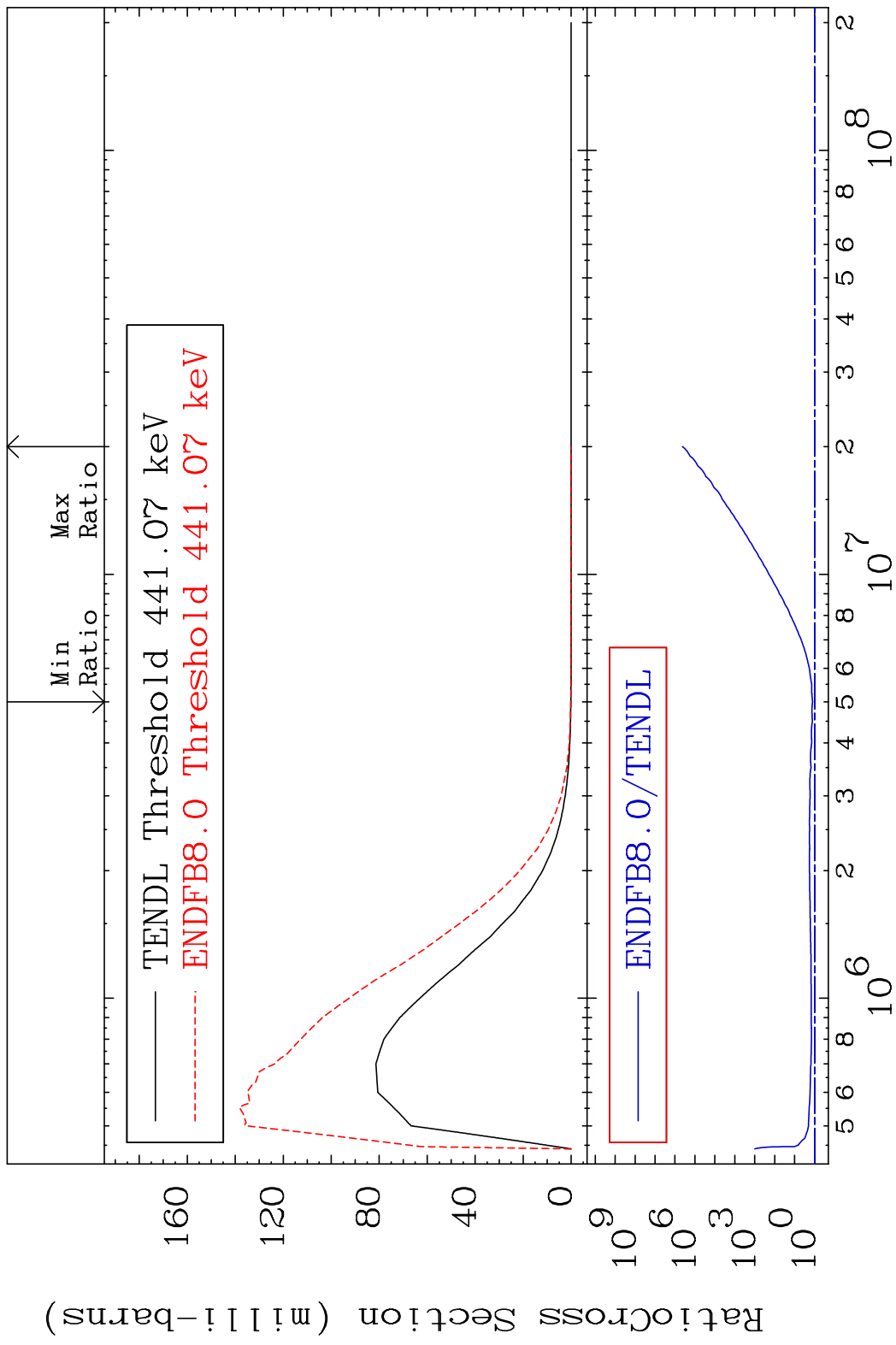
MAT 7640 MT= 62 (n,n') Level 76-0s-189
 Cross Section -86.76 To 275.6 %



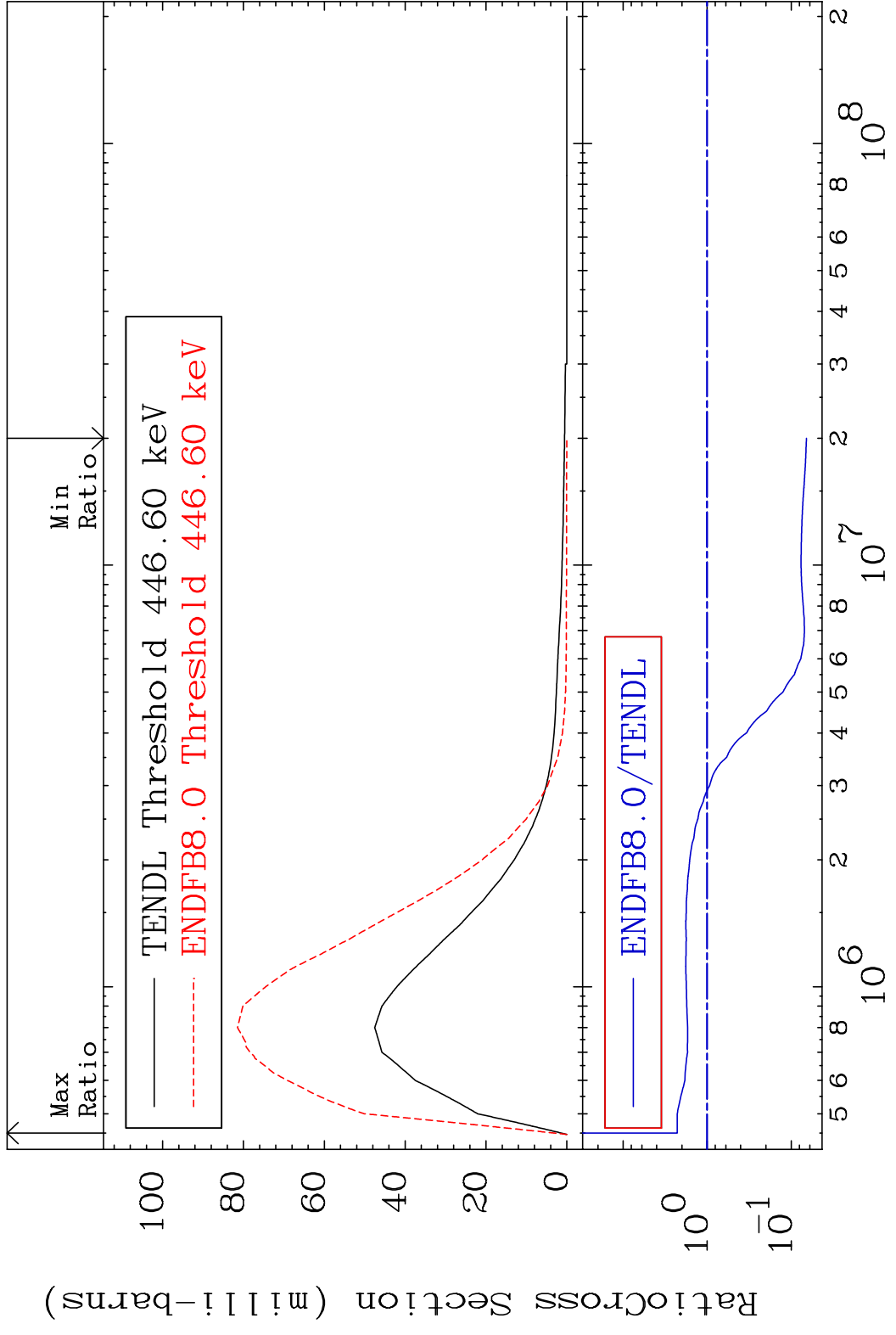
MAT 7640 MT= 63 (n, n') Level 76-0s-189
 Cross Section -85.51 To 1041. %



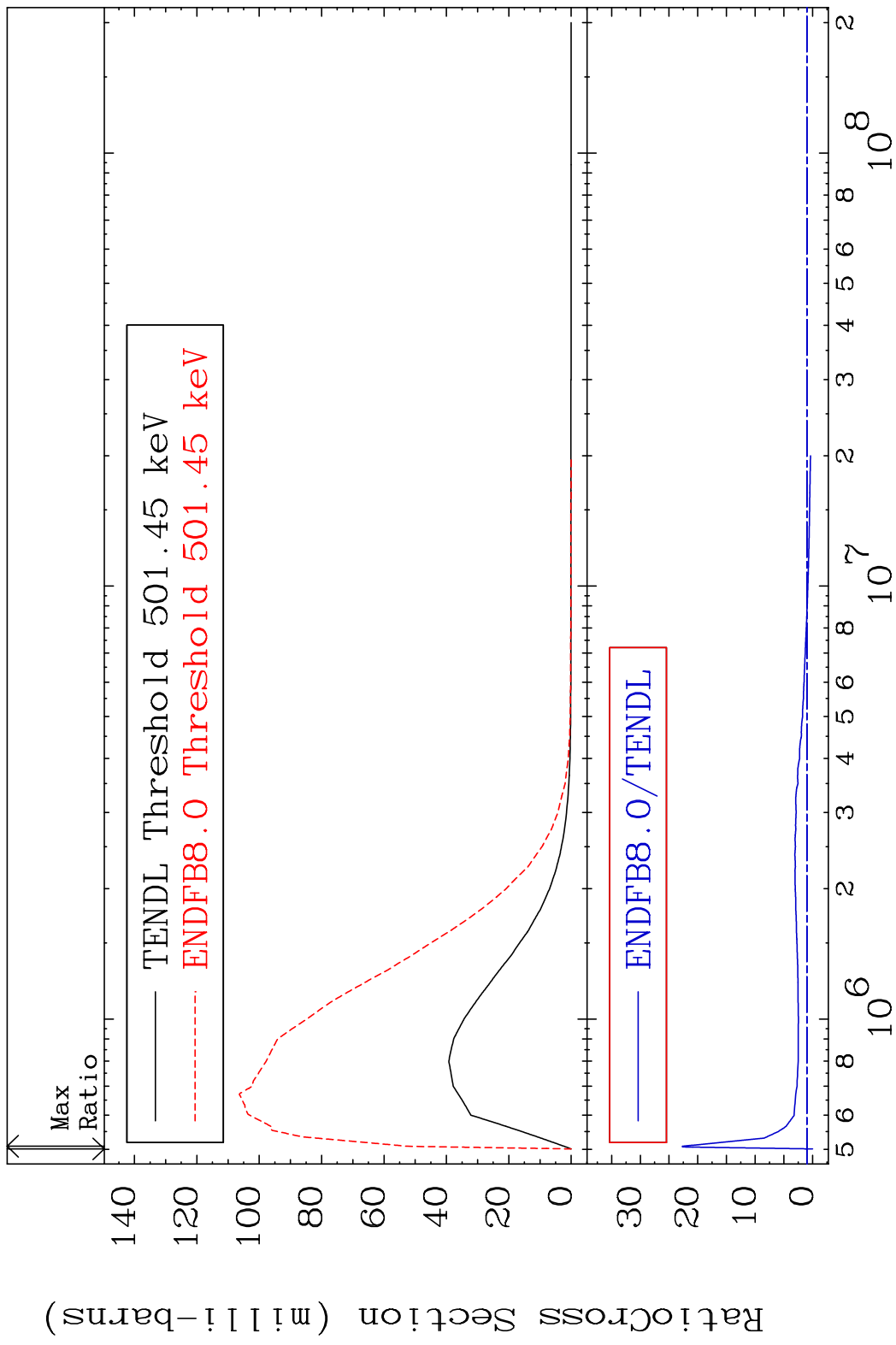
MAT 7640 MT= 64 (n, n') Level 76-0s-189
 Cross Section 26.07 To 9999. %



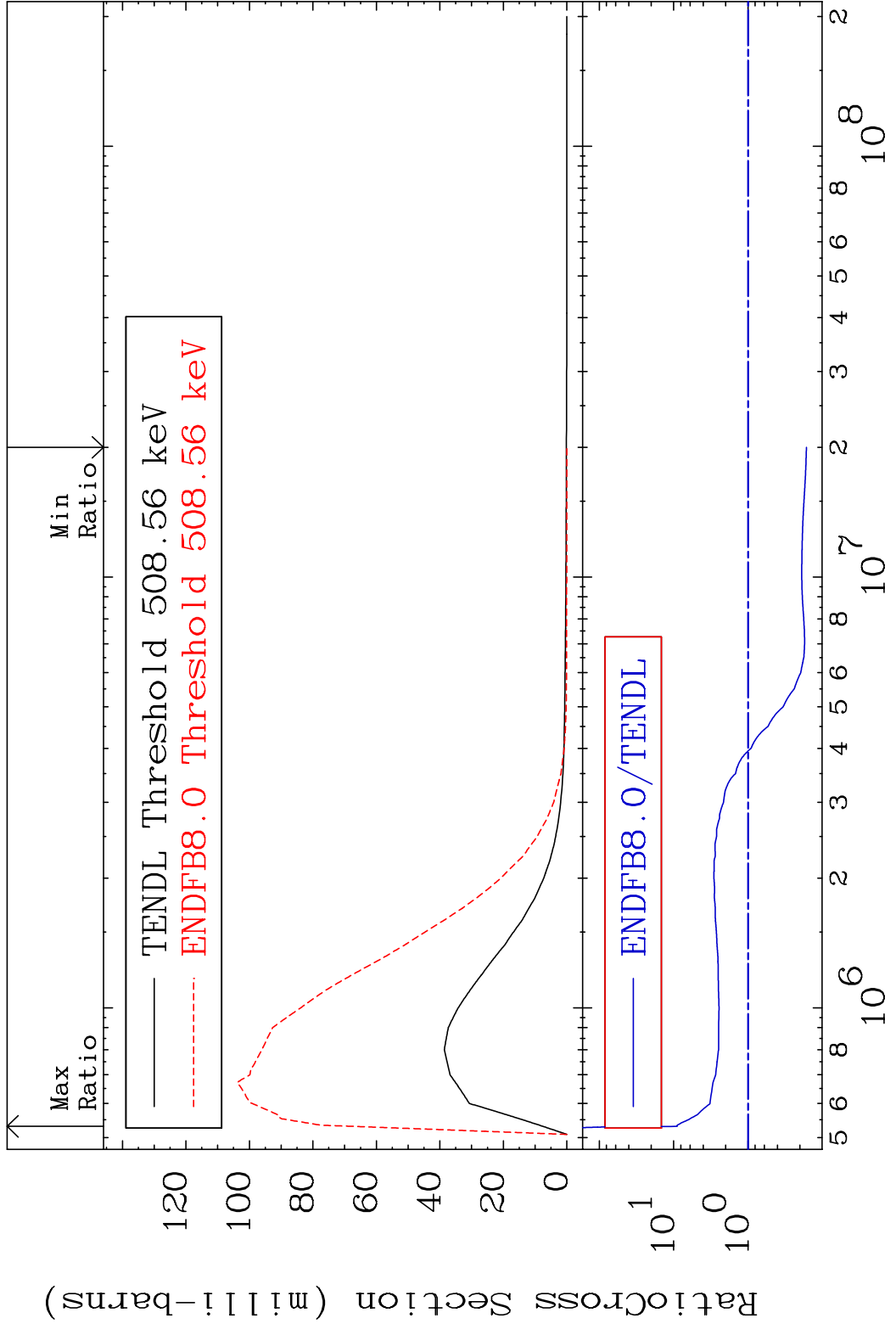
MAT 7640 MT= 65 (n, n') Level 76-0s-189
 Cross Section -93.41 To 127.6 %



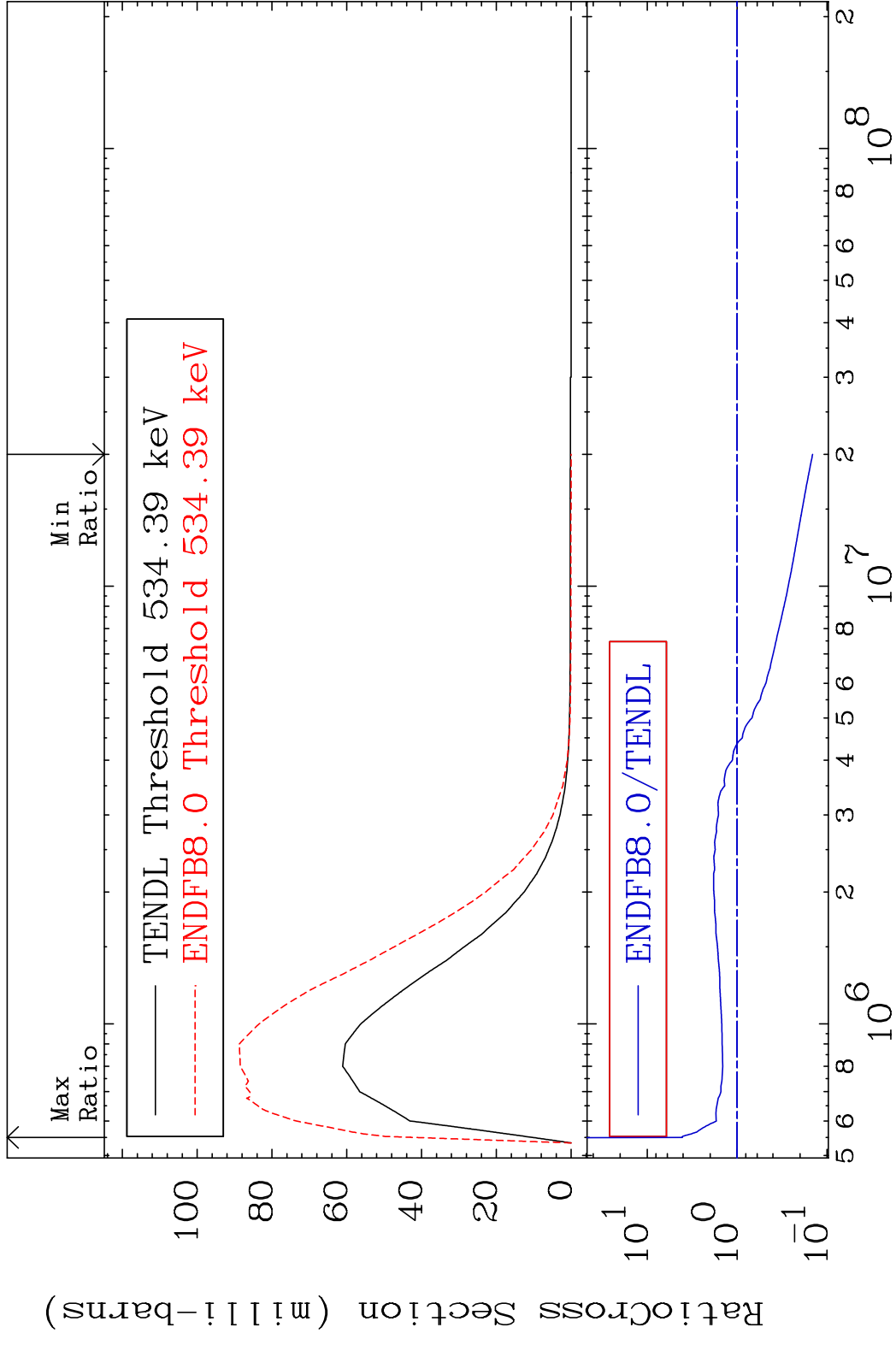
MAT 7640 MT= 66 (n,n') Level 76-0s-189
 Cross Section -100.0 To 2168. %



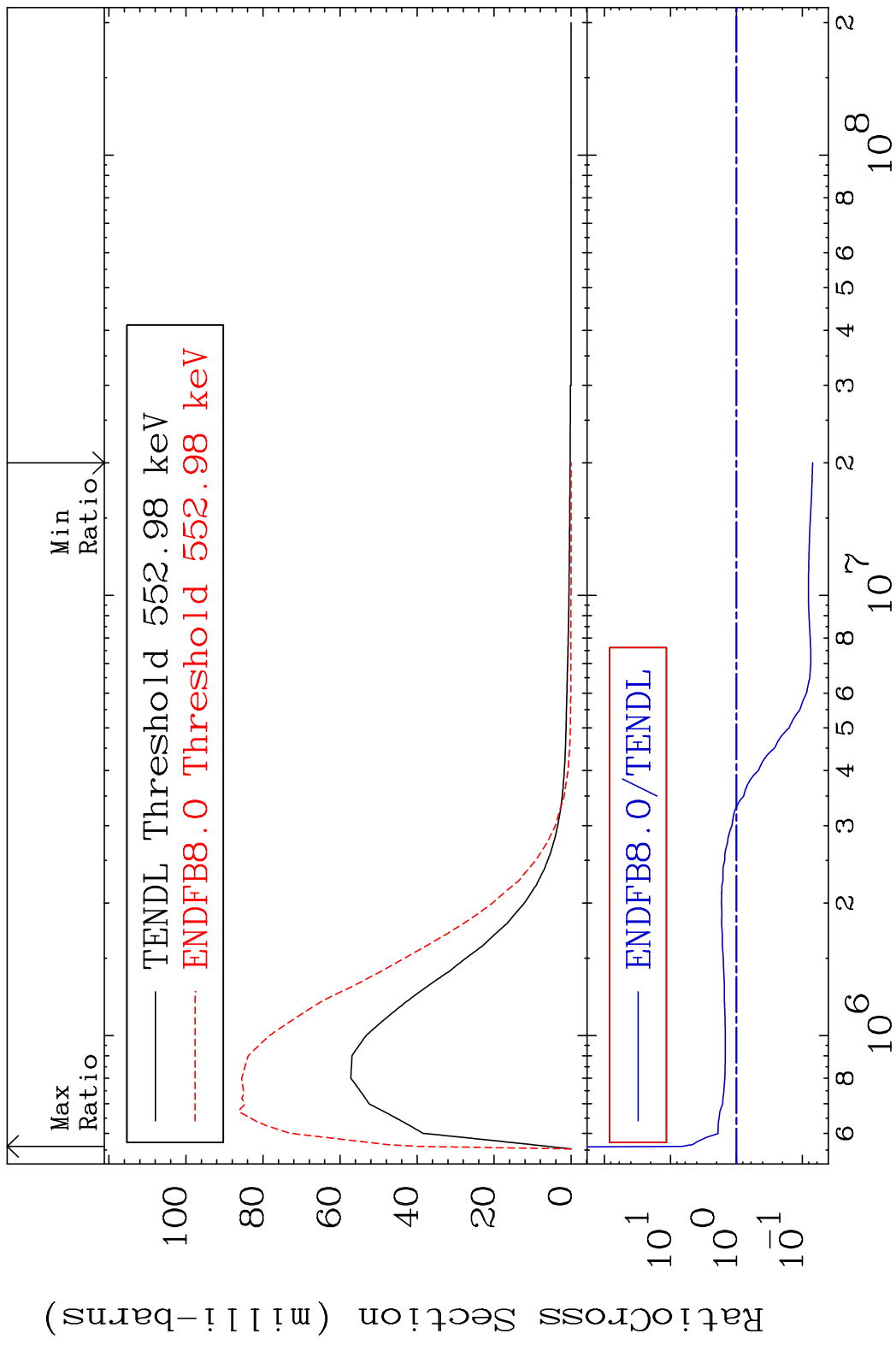
MAT 7640 MT= 67 (n, n') Level 76-0s-189
 Cross Section -83.63 To 795.1 %



MAT 7640 MT= 68 (n, n') Level 76-0s-189
 Cross Section -85.50 To 307.3 %

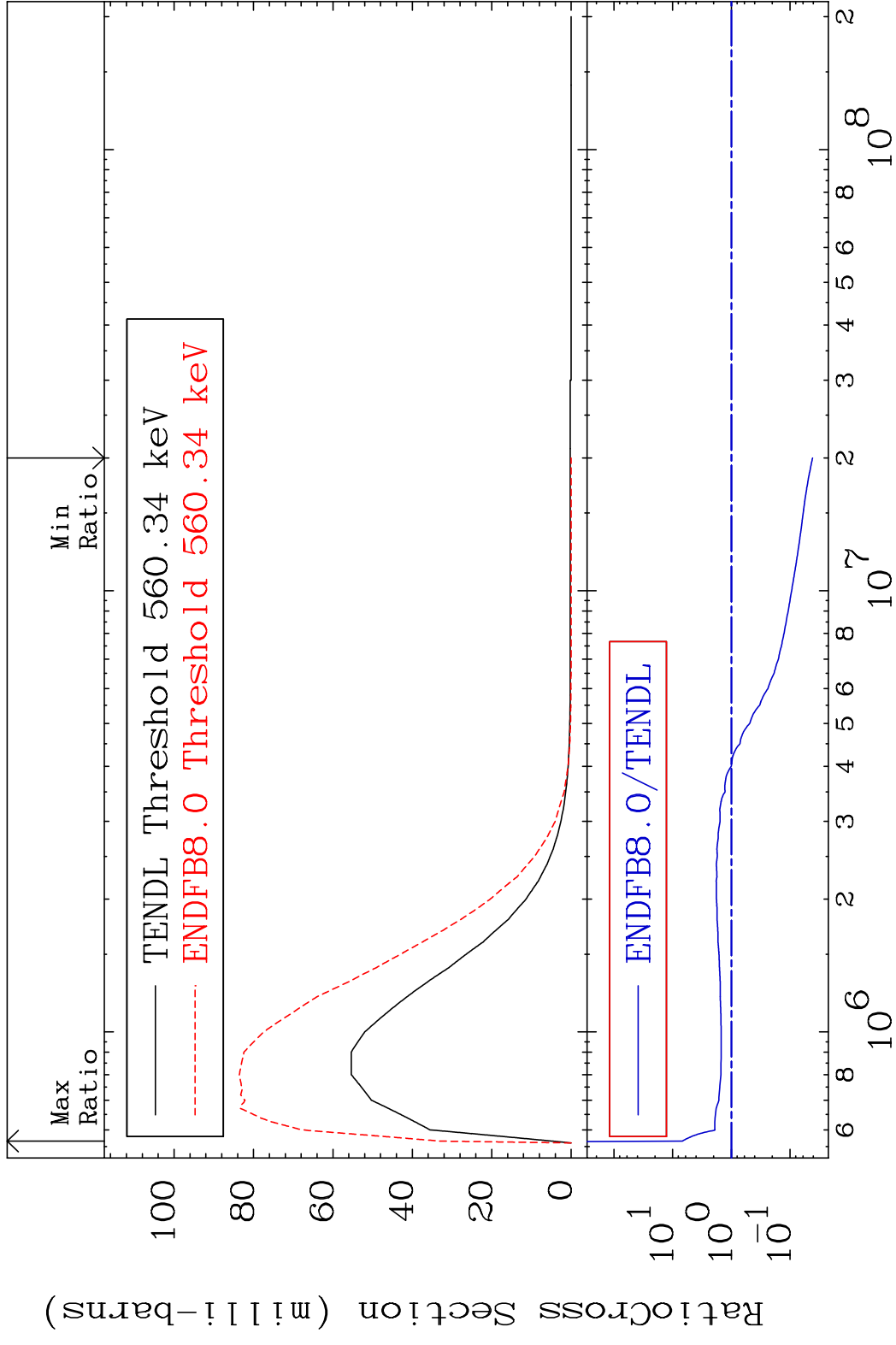


MAT 7640 MT= 69 (n, n') Level 76-0s-189
 Cross Section -93.00 To 559.8 %

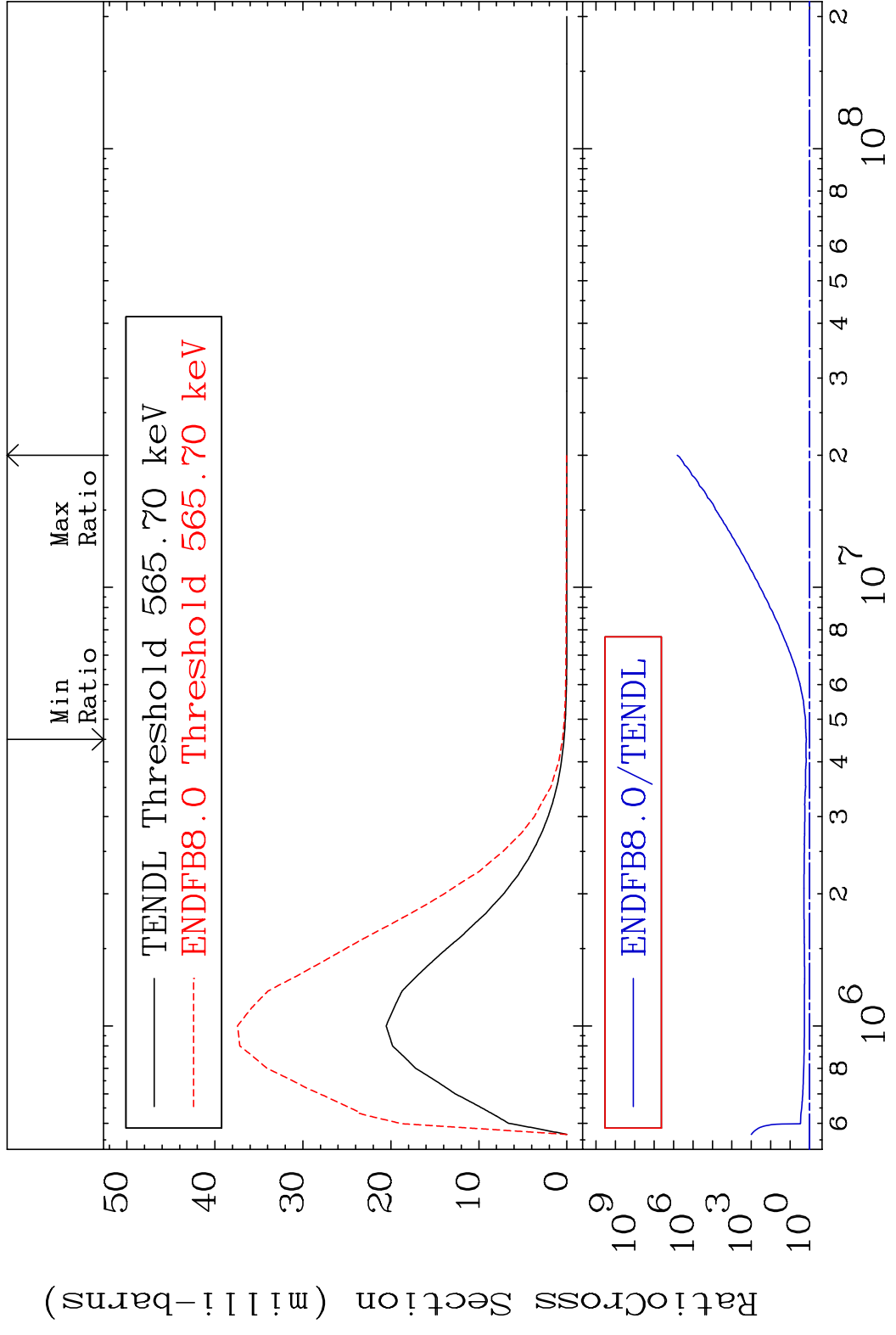


30 Incident Energy (eV) 76-0s-189

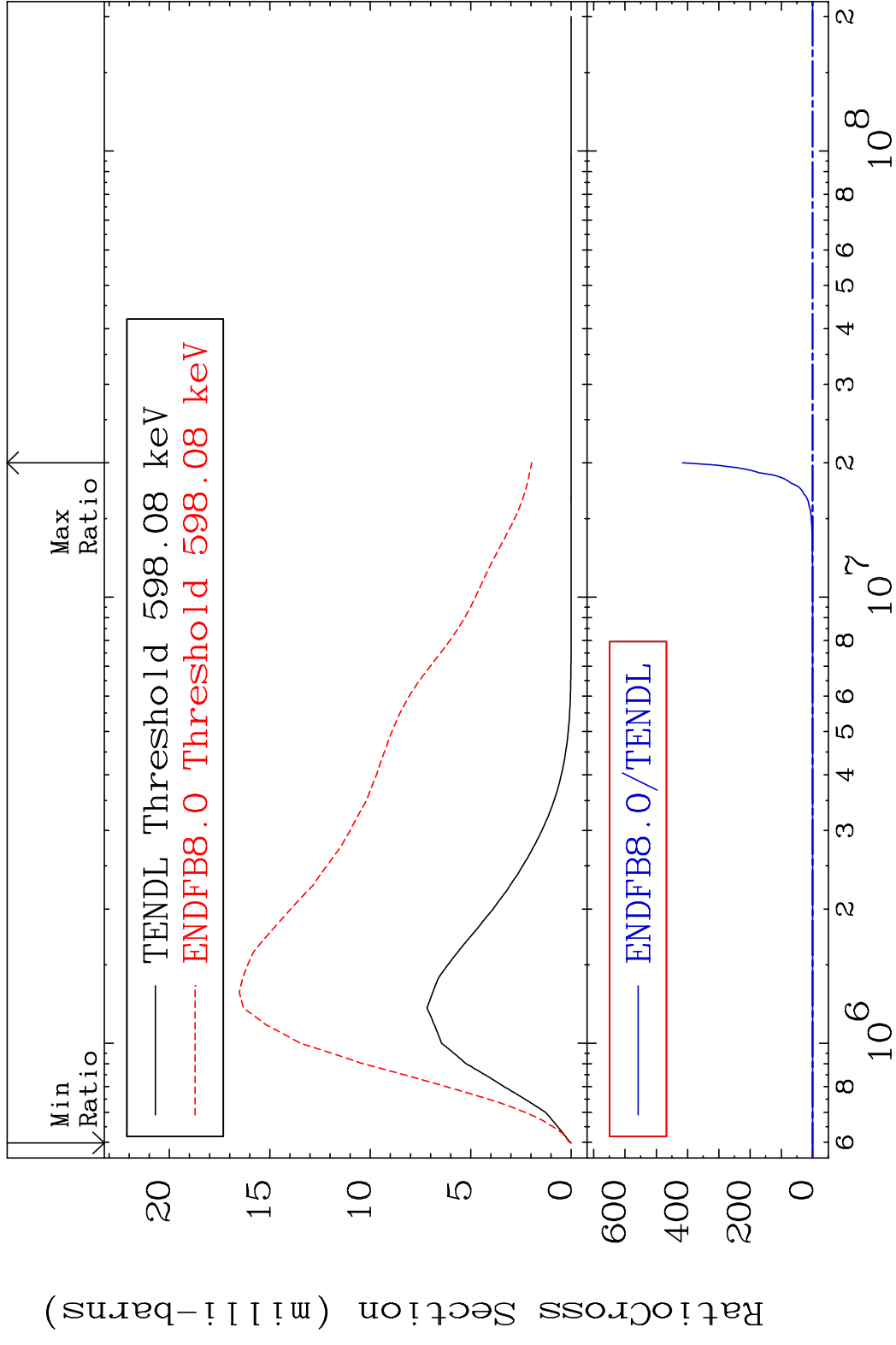
MAT 7640 MT= 70 (n, n') Level 76-0s-189
 Cross Section -95.88 To 584.1 %



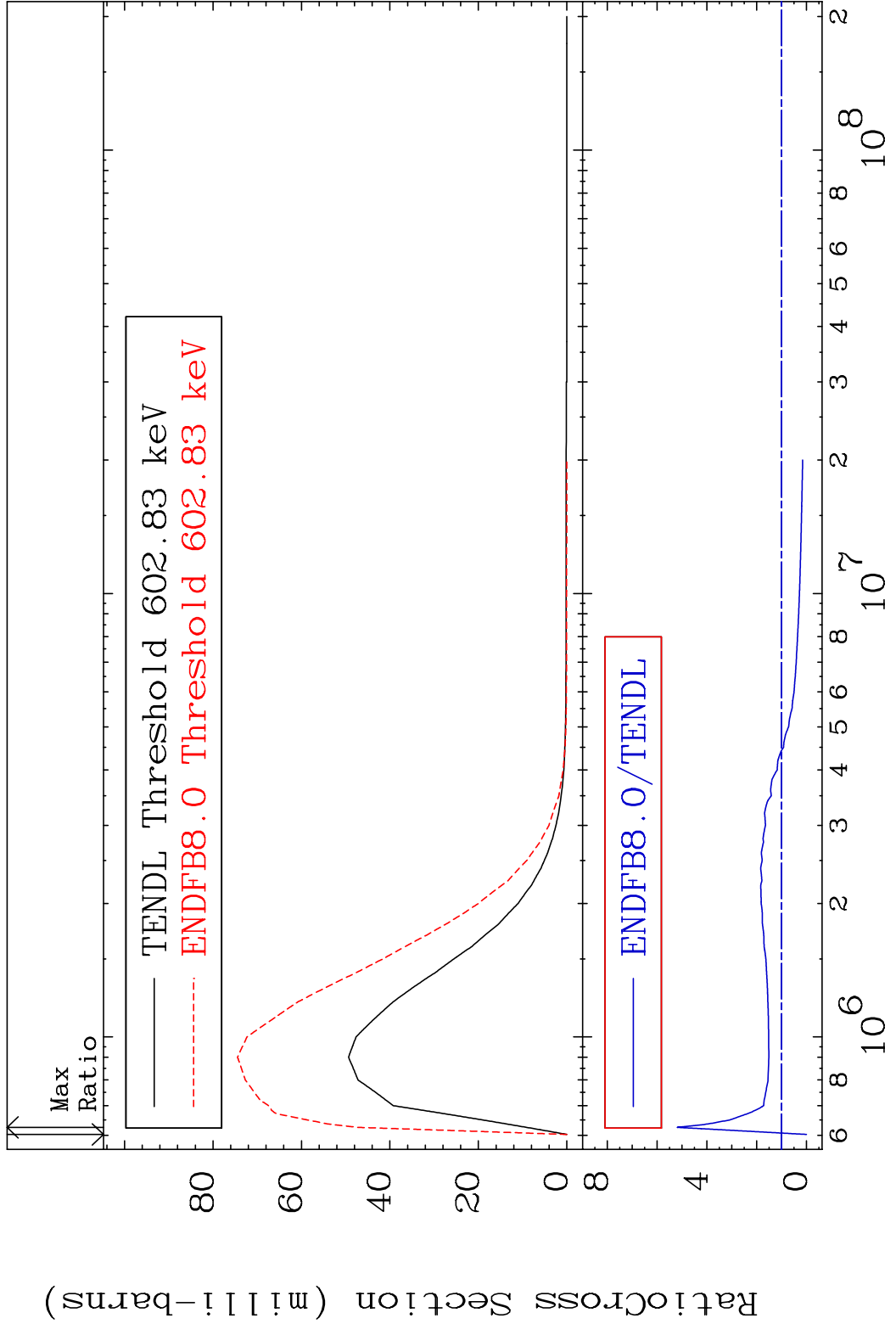
MAT 7640 MT= 71 (n, n') Level 76-0s-189
 Cross Section 44.80 To 9999. %



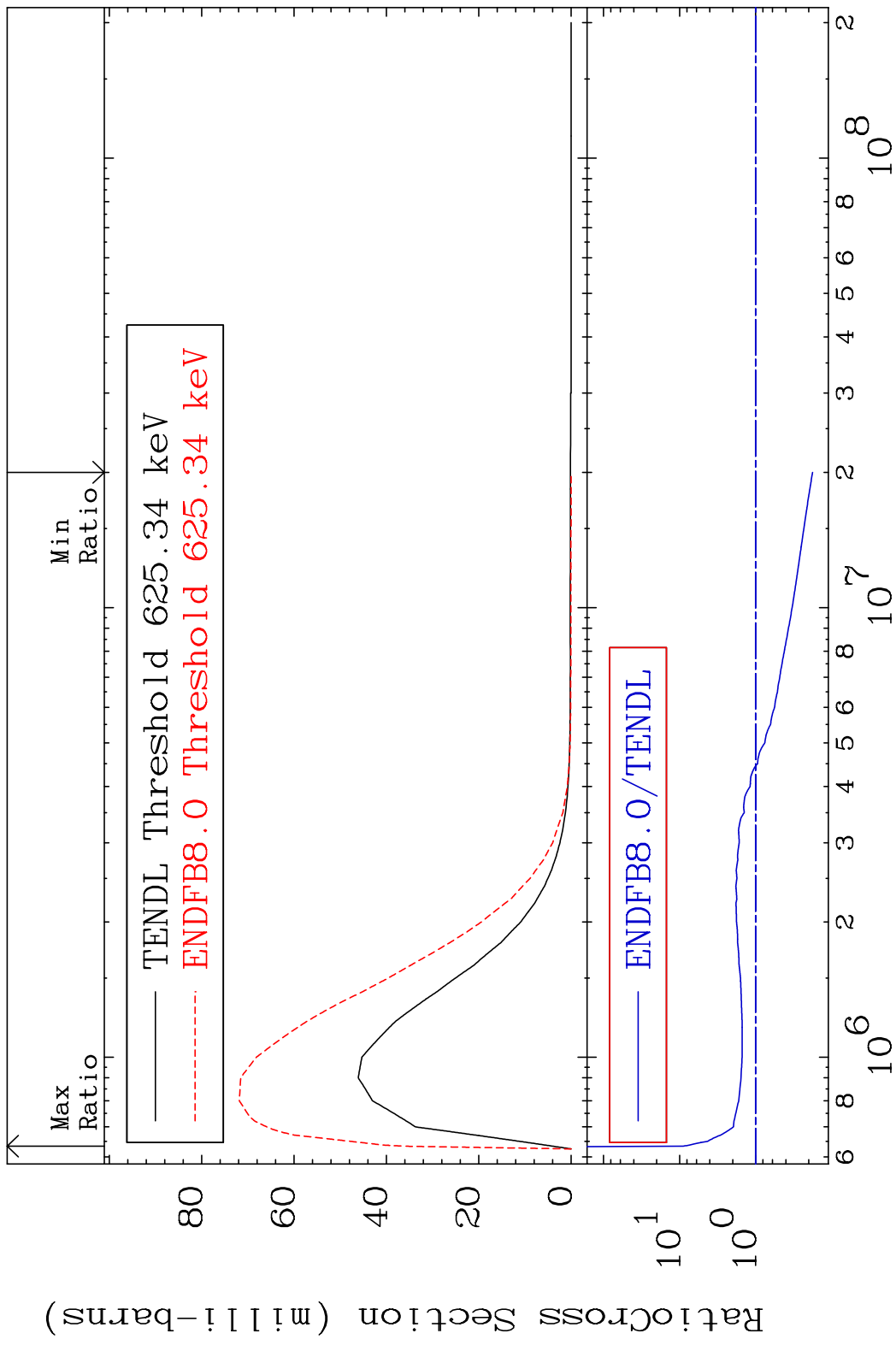
MAT 7640 MT= 72 (n, n') Level 76-0s-189
 Cross Section -100.0 To 9999. %



MAT 7640 MT= 73 (n, n') Level 76-0s-189
 Cross Section -100.0 To 419.1 %

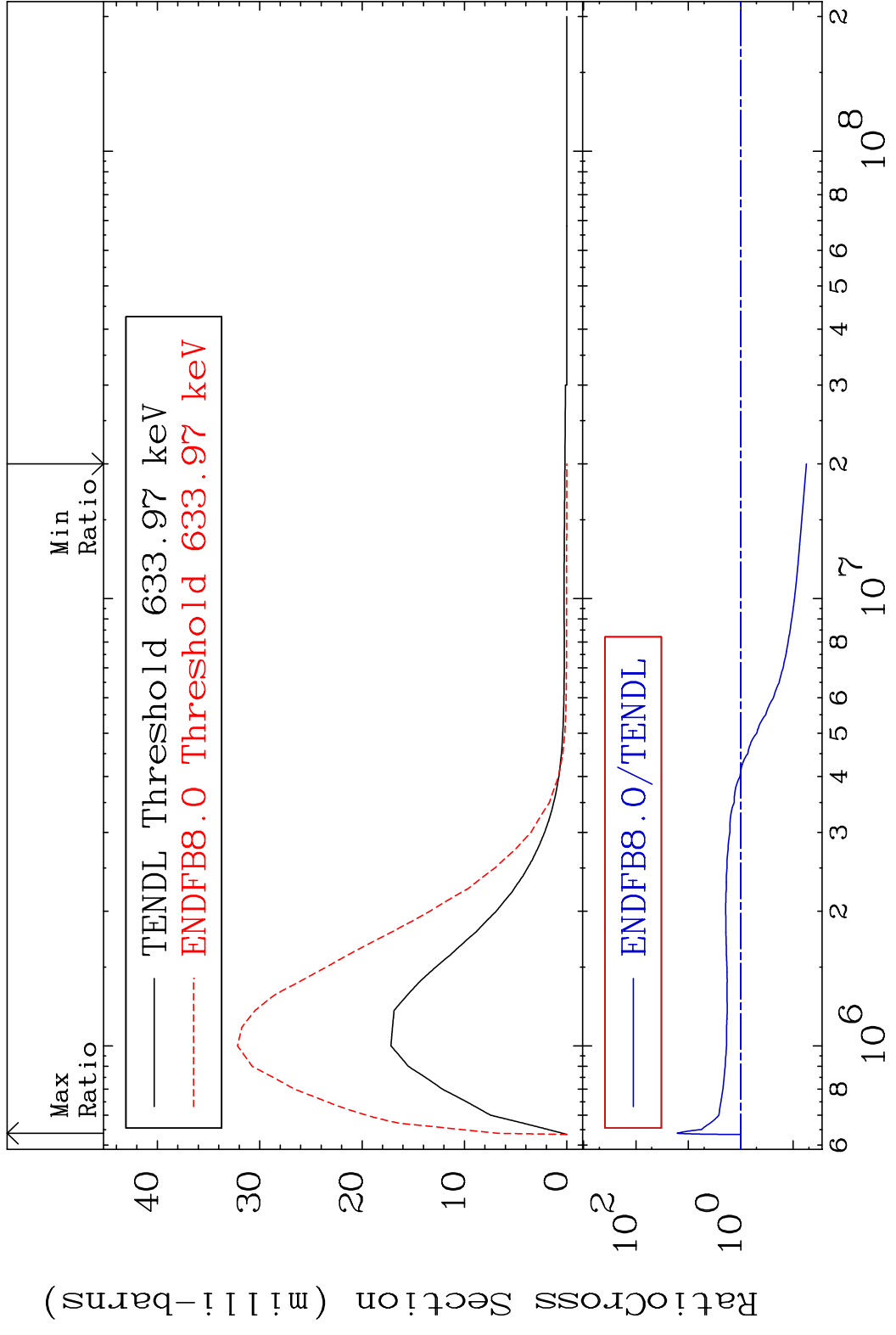


MAT 7640 MT= 74 (n, n') Level 76-0s-189
 Cross Section -82.19 To 818.5 %



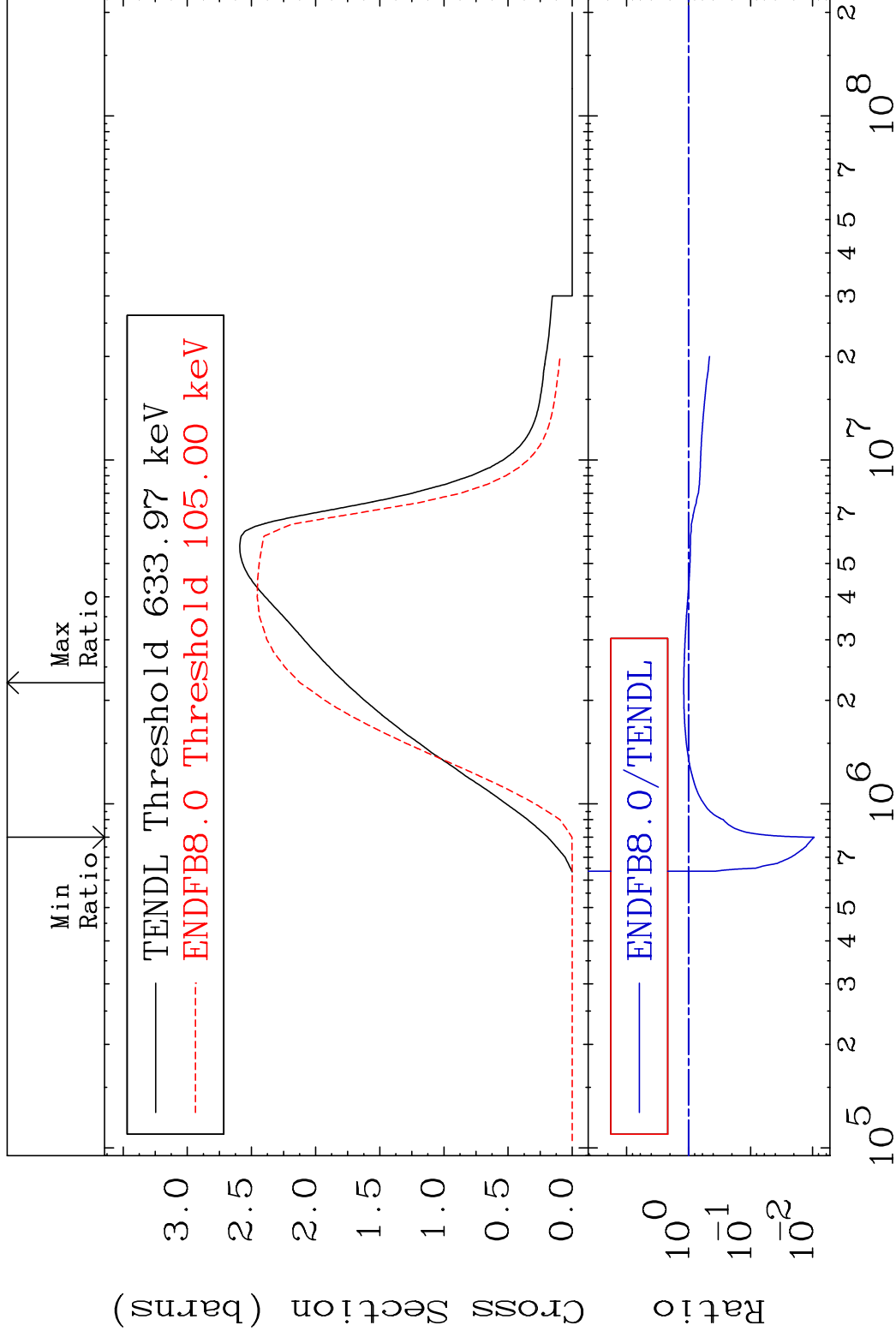
35 Incident Energy (eV) 76-0s-189

MAT 7640 MT= 75 (n,n') Level 76-0s-189
 Cross Section -94.43 To 1534. %



MAT 7640

(n, n') Continuum 76-0s-189
Cross Section -99.05 To 19.97 %



37

Incident Energy (eV)

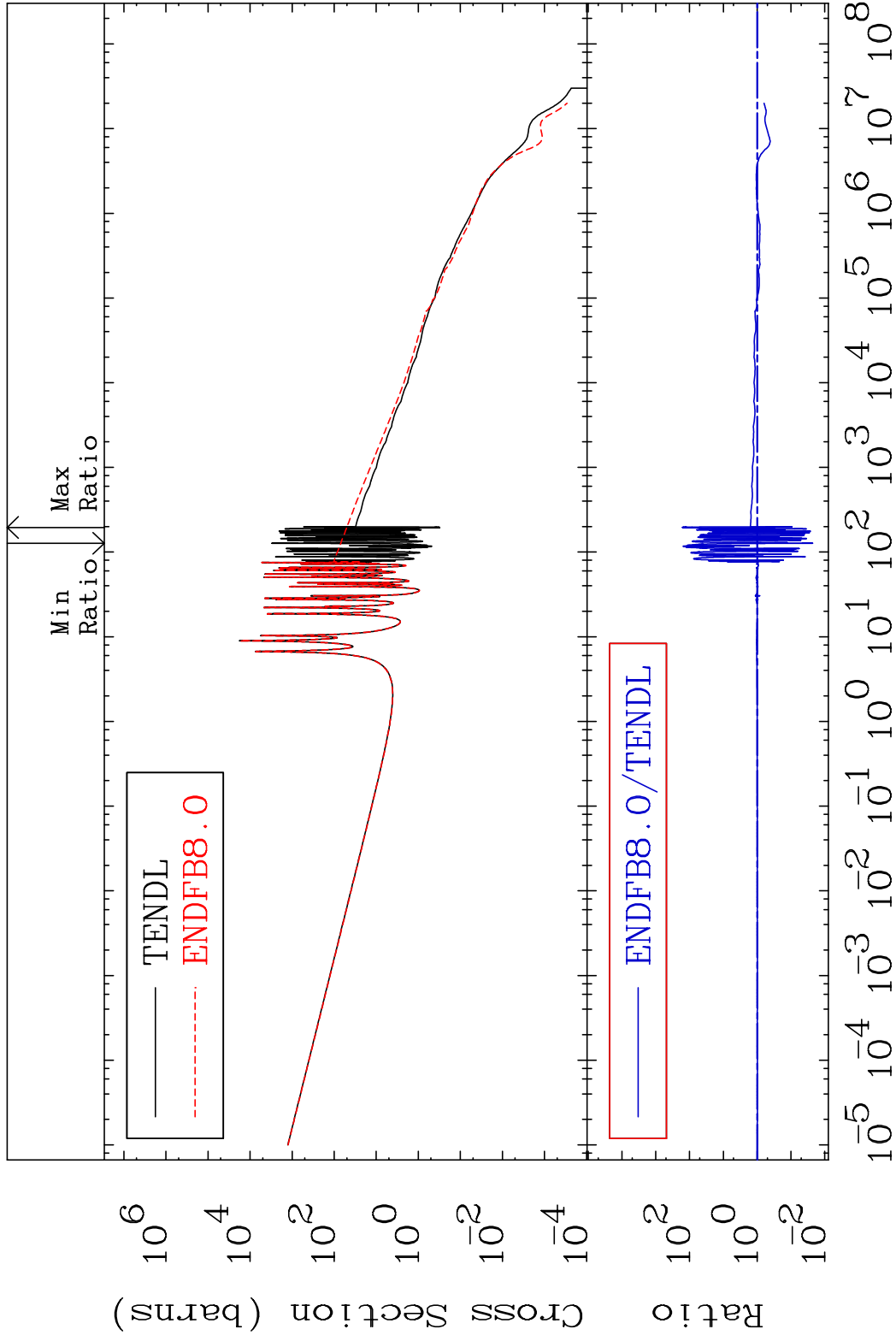
76-0s-189

MAT 7640

(n, γ)

76-0s-189

Cross Section -97.70 To 9999. %

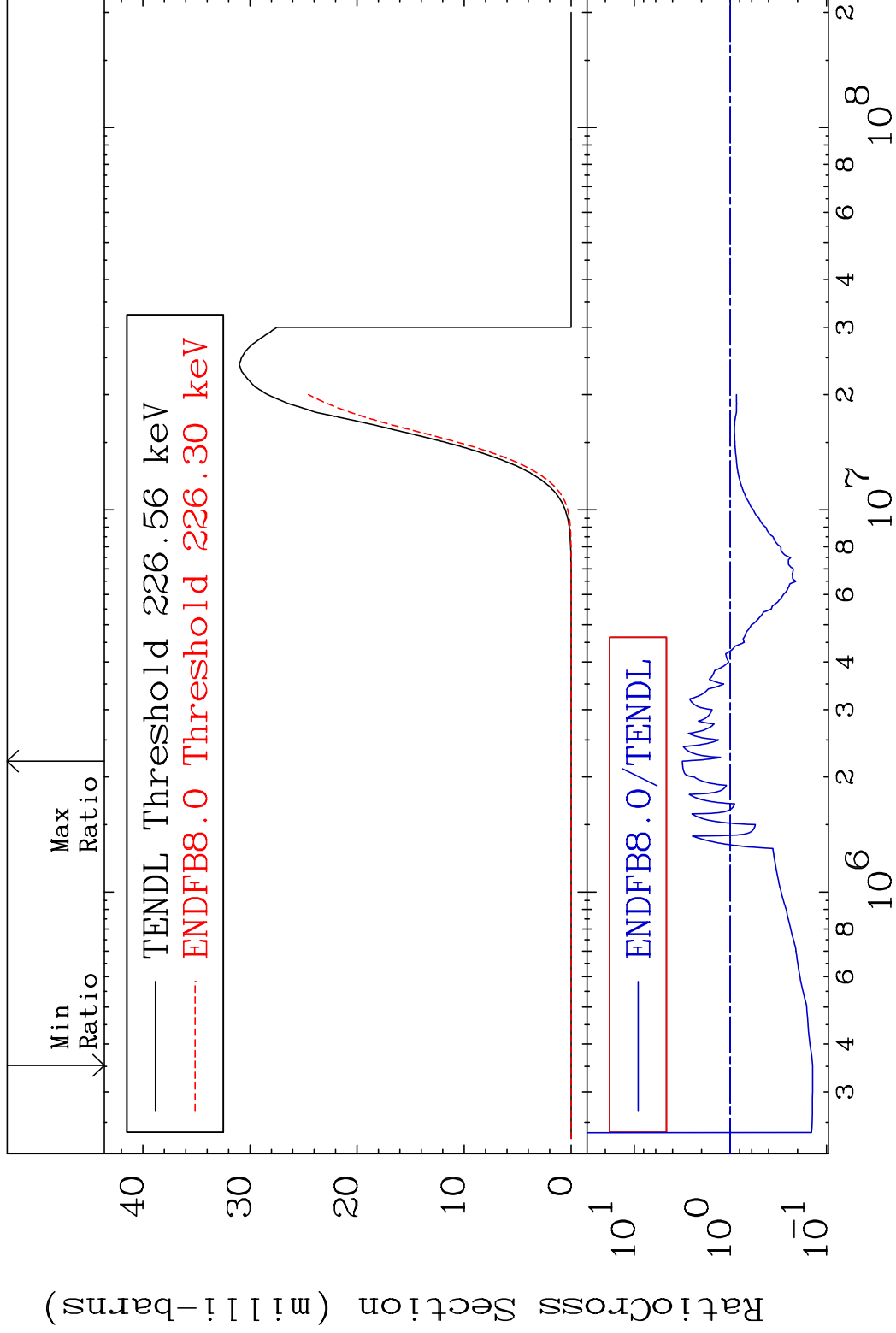


38

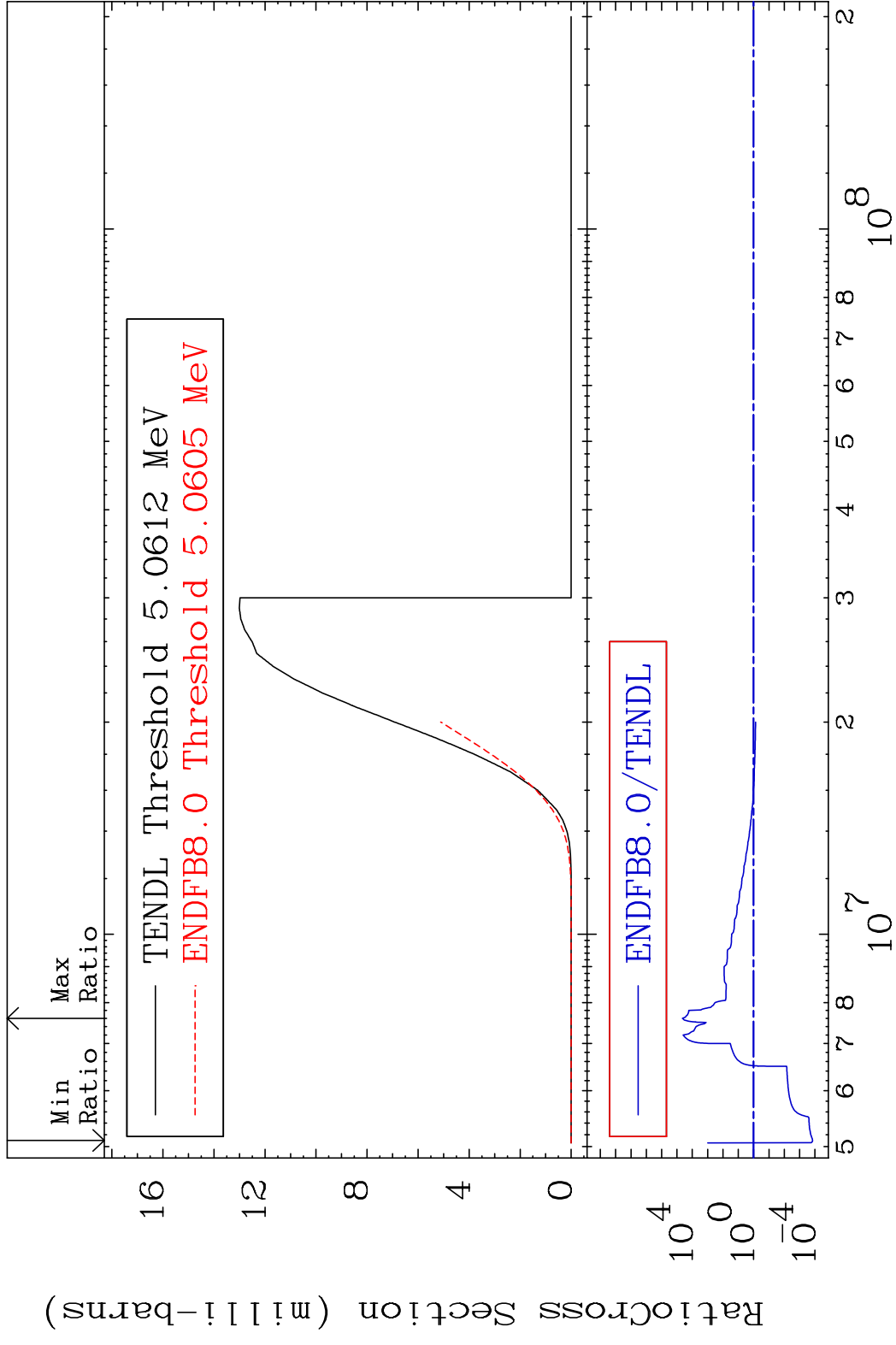
Incident Energy (eV)

76-0s-189

Cross Section -86.04 To 216.2 %



MAT 7640 (n,d) 76-0s-189
 Cross Section -99.99 To 9999. %



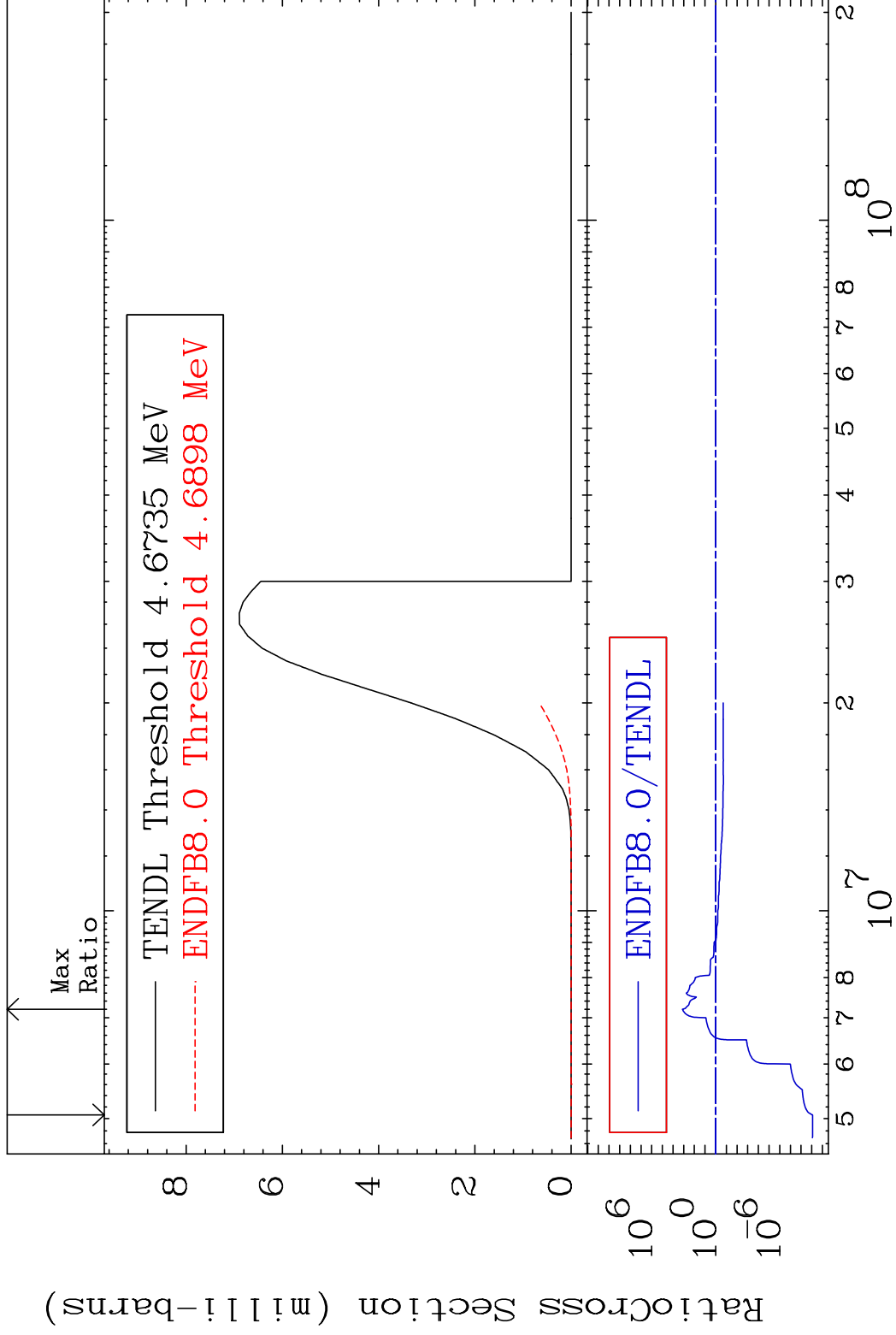
40 Incident Energy (eV) 76-0s-189

MAT 7640

(n, t)

76-Os-189

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

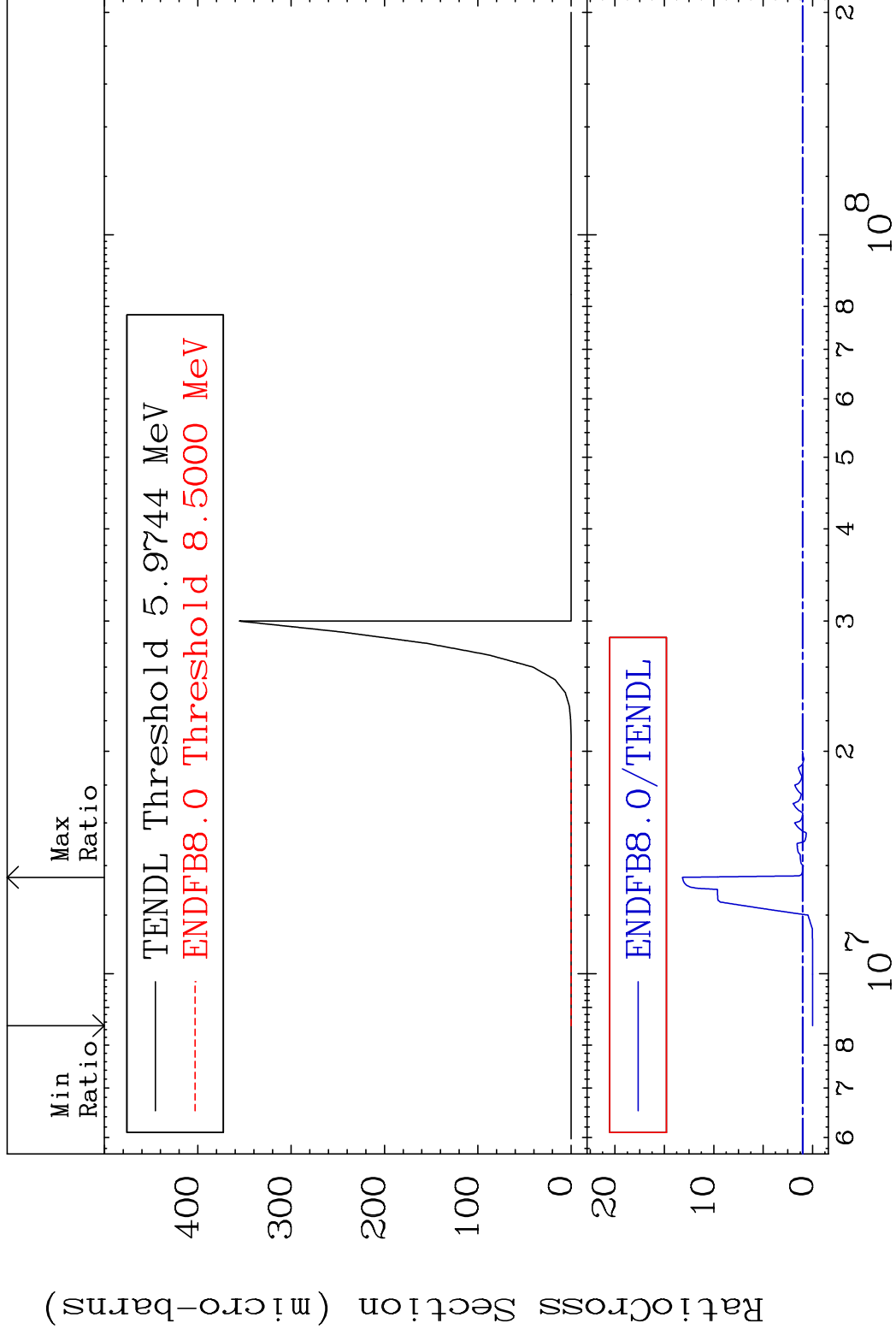
76-Os-189

MAT 7640

(n, He-3)

76-Os-189

Cross Section -100.0 To 1218. %



42

Incident Energy (eV)

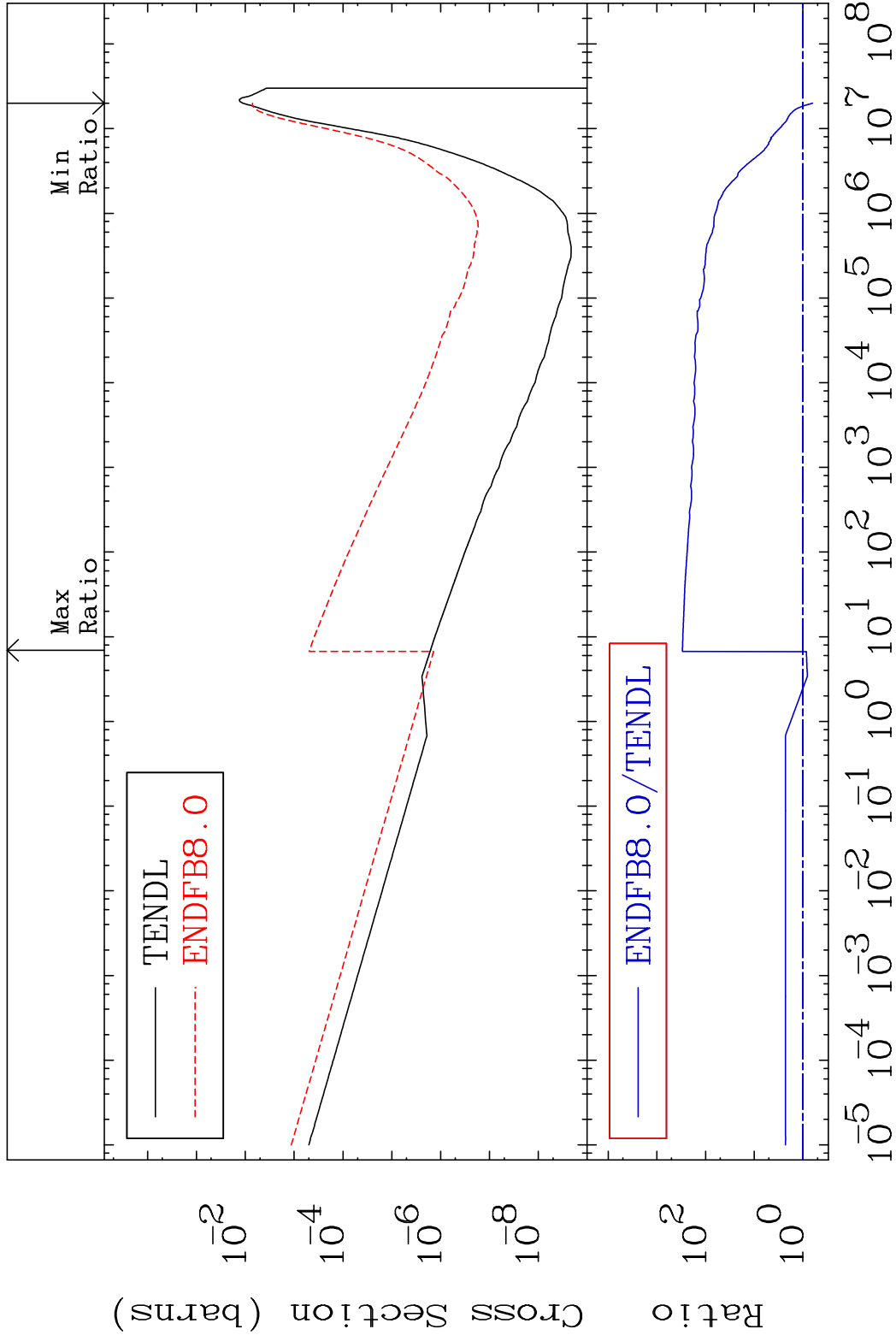
76-Os-189

MAT 7640

(n, α)

76-0s-189

Cross Section -36.72 To 9999. %



43

Incident Energy (eV)

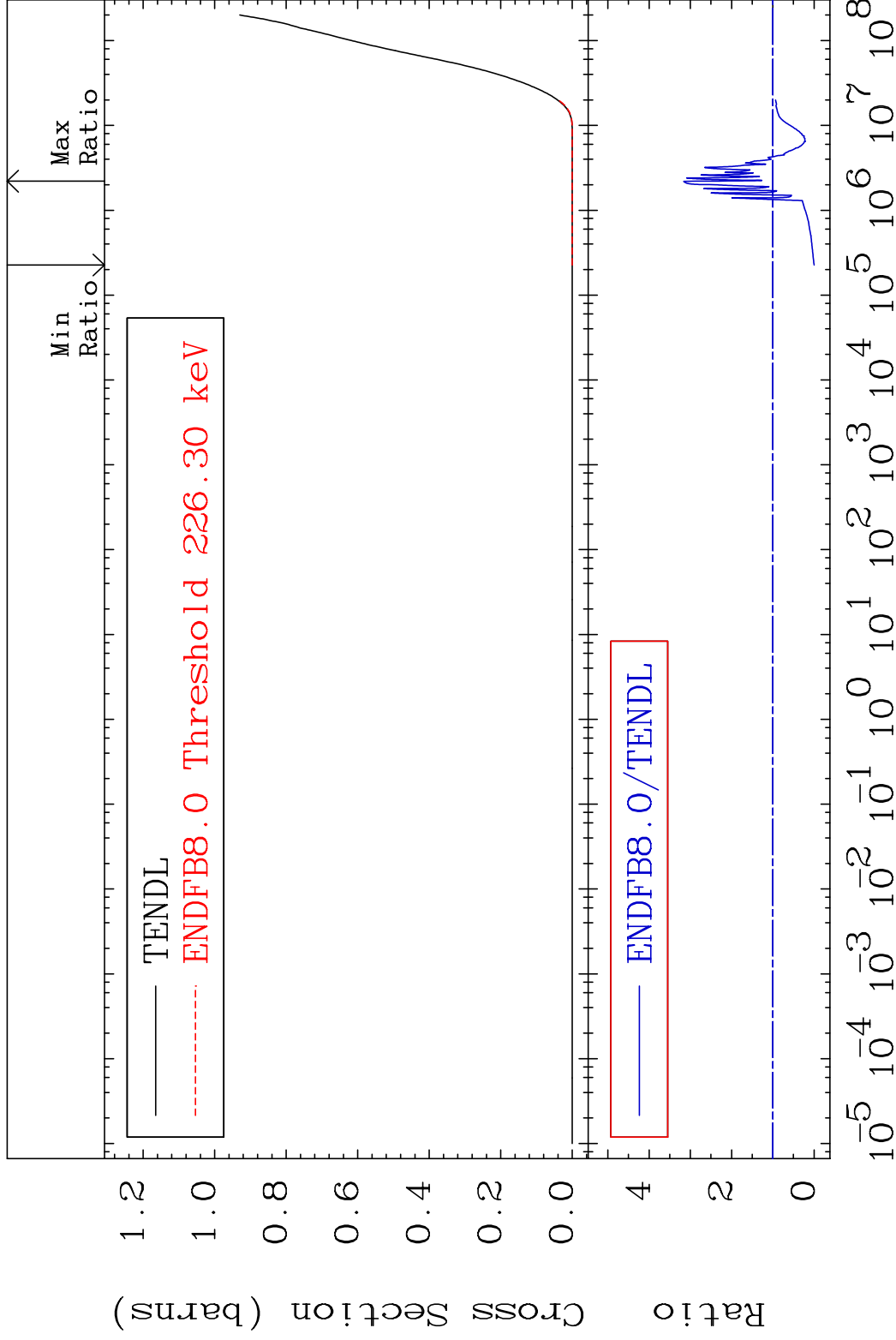
76-0s-189

MAT 7640

Hydrogen Production

76-Os-189

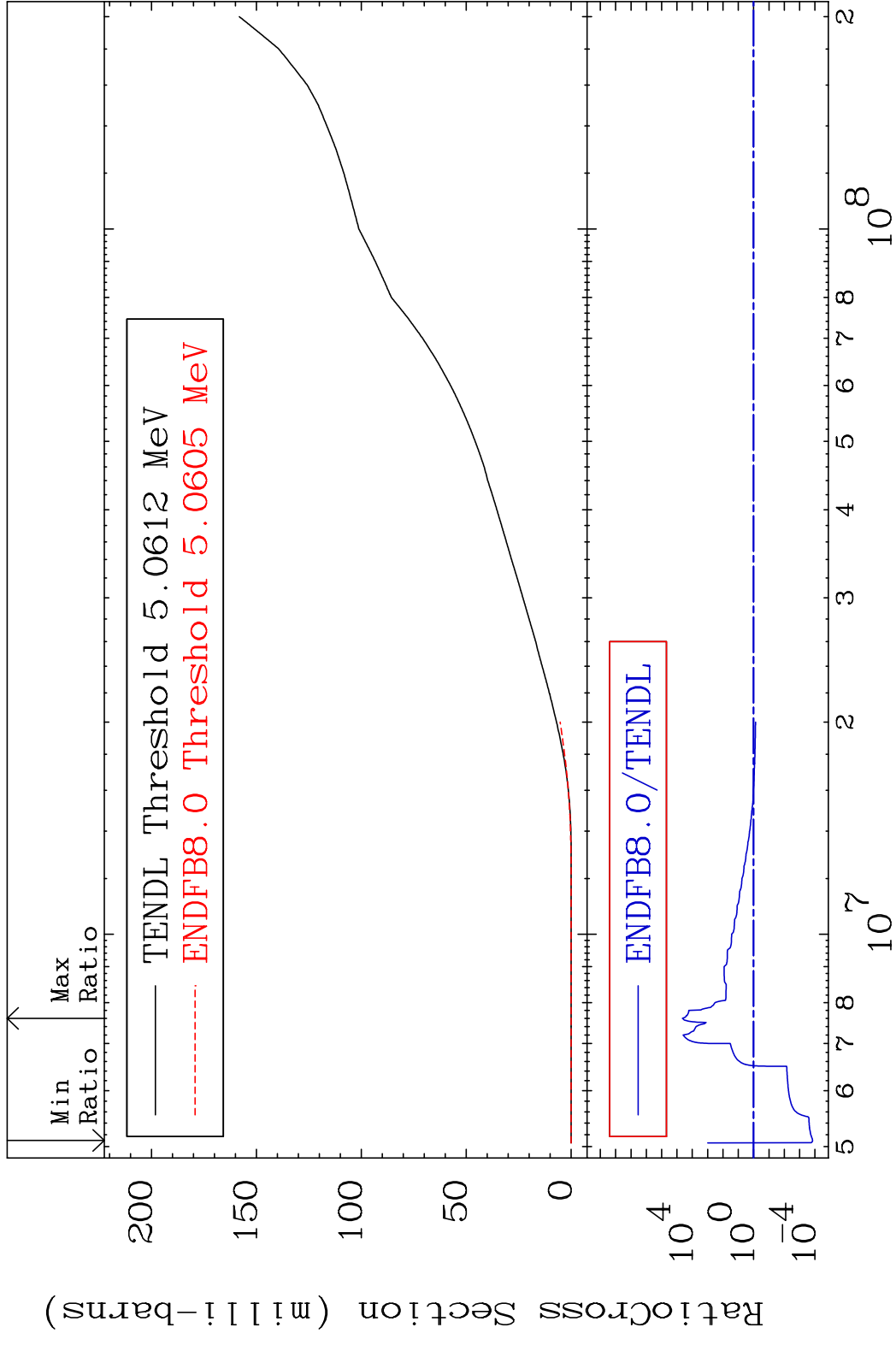
Cross Section -100.0 To 216.2 %



44

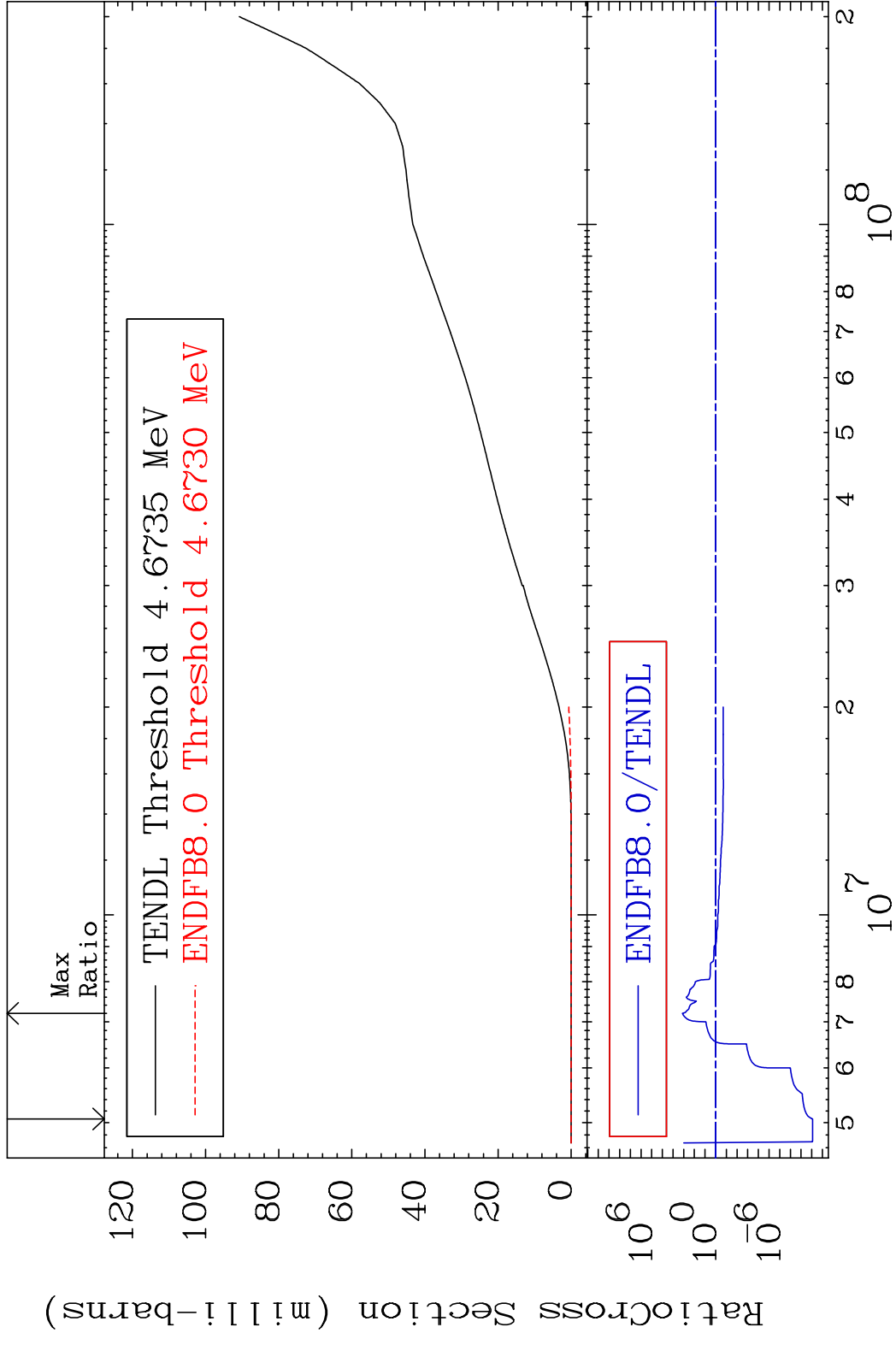
Incident Energy (eV)

76-Os-189



MAT 7640

Tritium Production 76-0s-189
Cross Section -100.0 To 9999. %



46

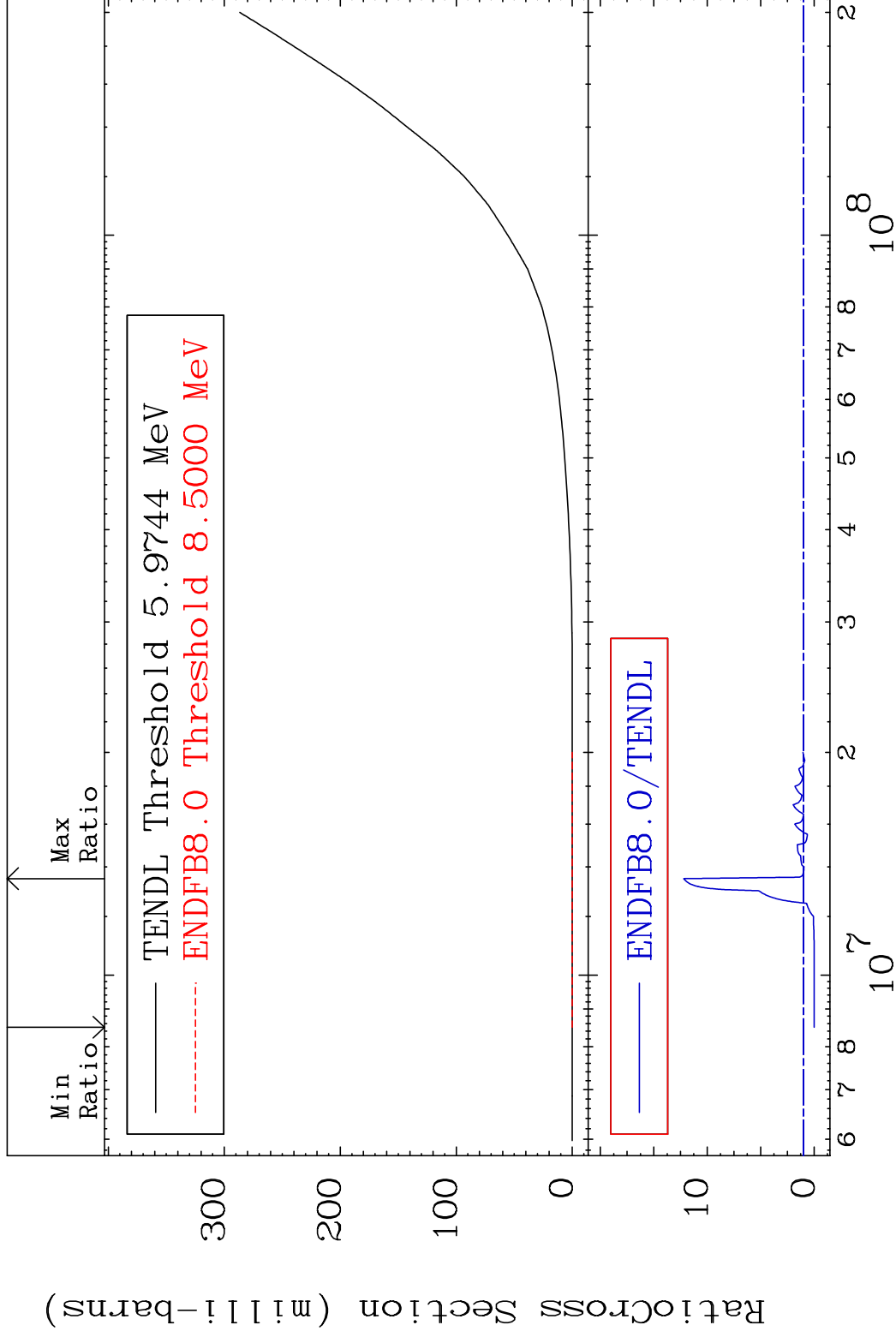
Incident Energy (eV) 76-0s-189

MAT 7640

He-3 Production

76-Os-189

Cross Section -100.0 To 1120. %



47

Incident Energy (eV)

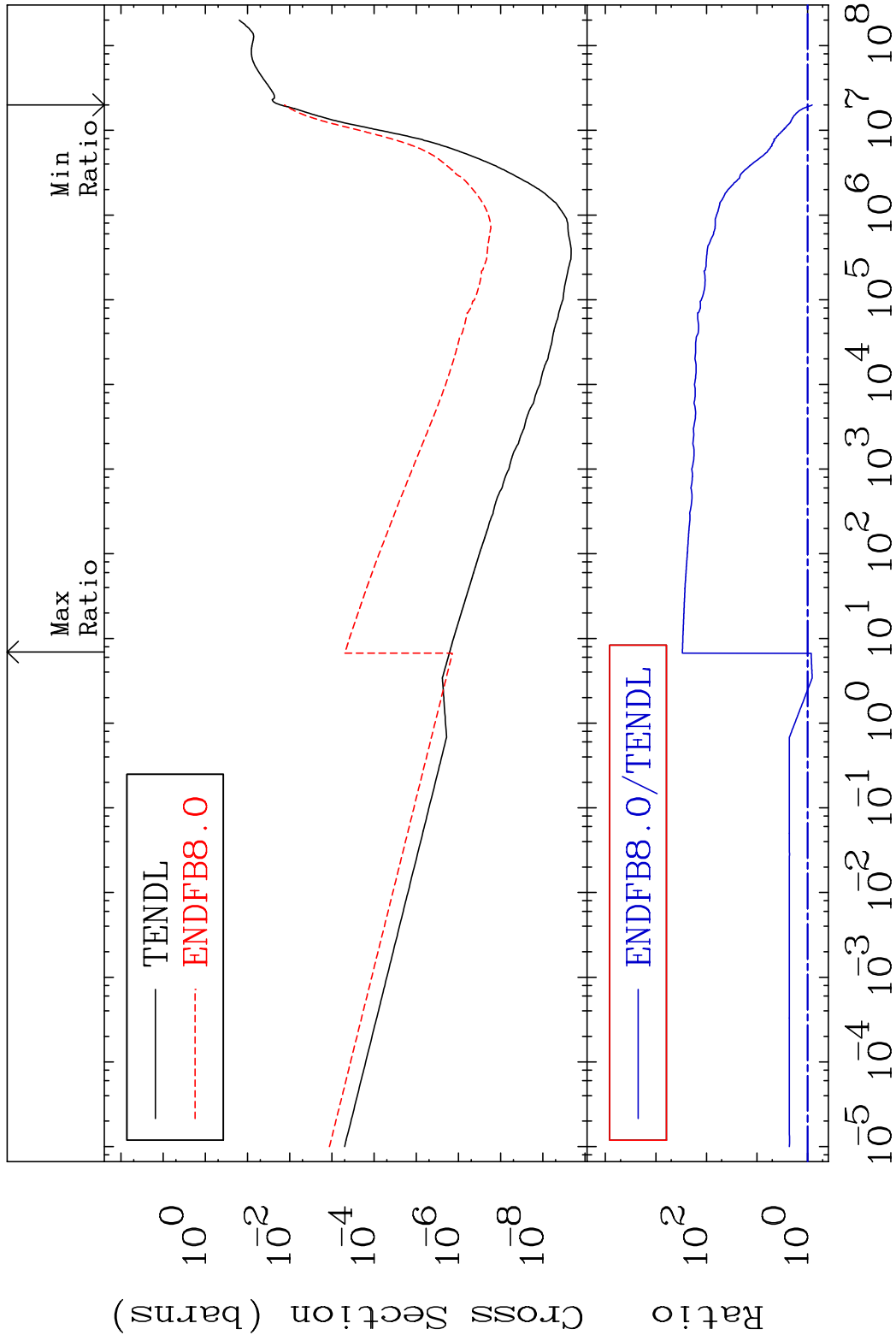
76-Os-189

MAT 7640

He-4 Production

76-0s-189

Cross Section -20.49 To 9999. %



48

Incident Energy (eV)

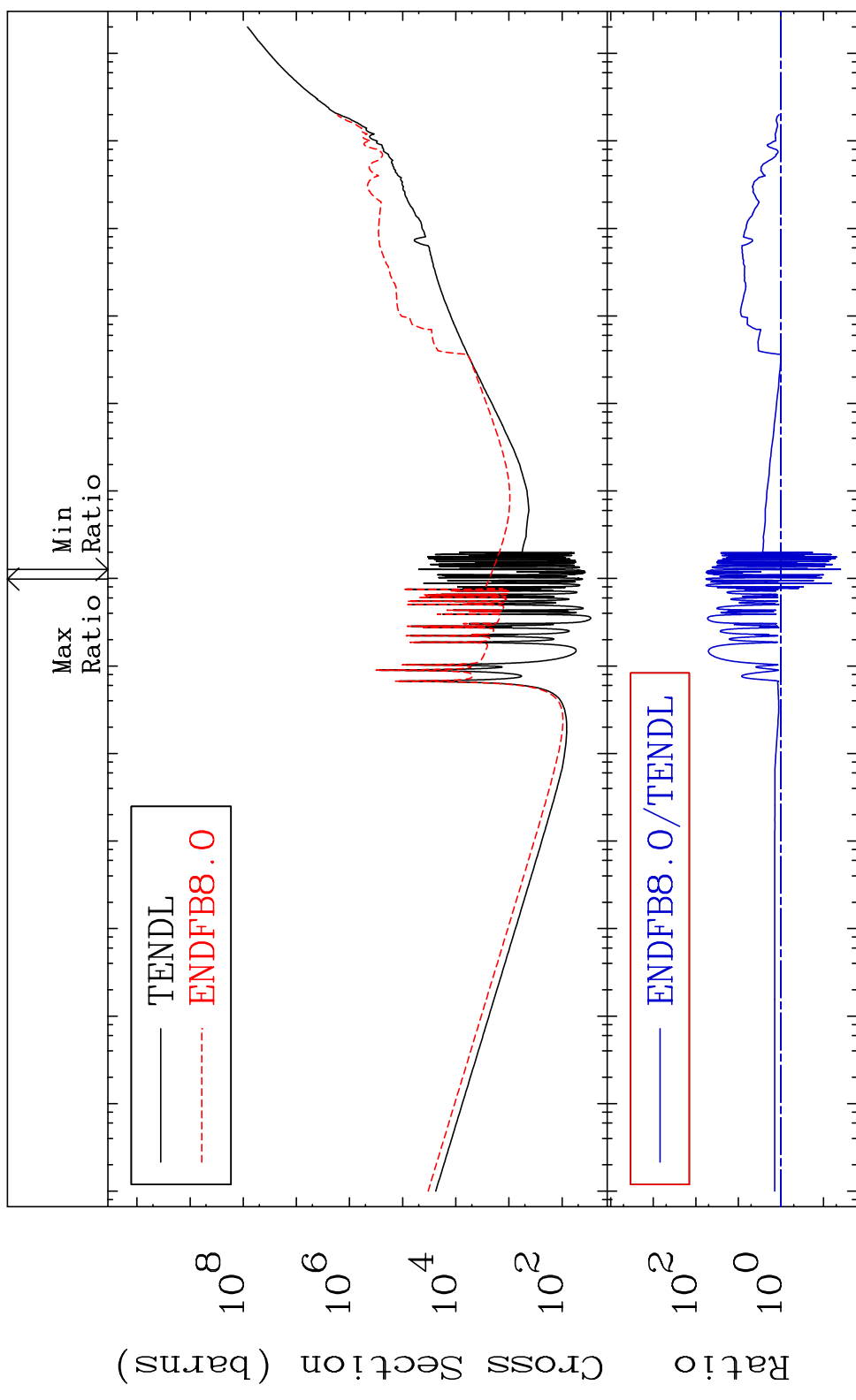
76-0s-189

MAT 7640

Kerma total (eV-barns)

76-0s-189

Cross Section -96.02 To 5738. %



49

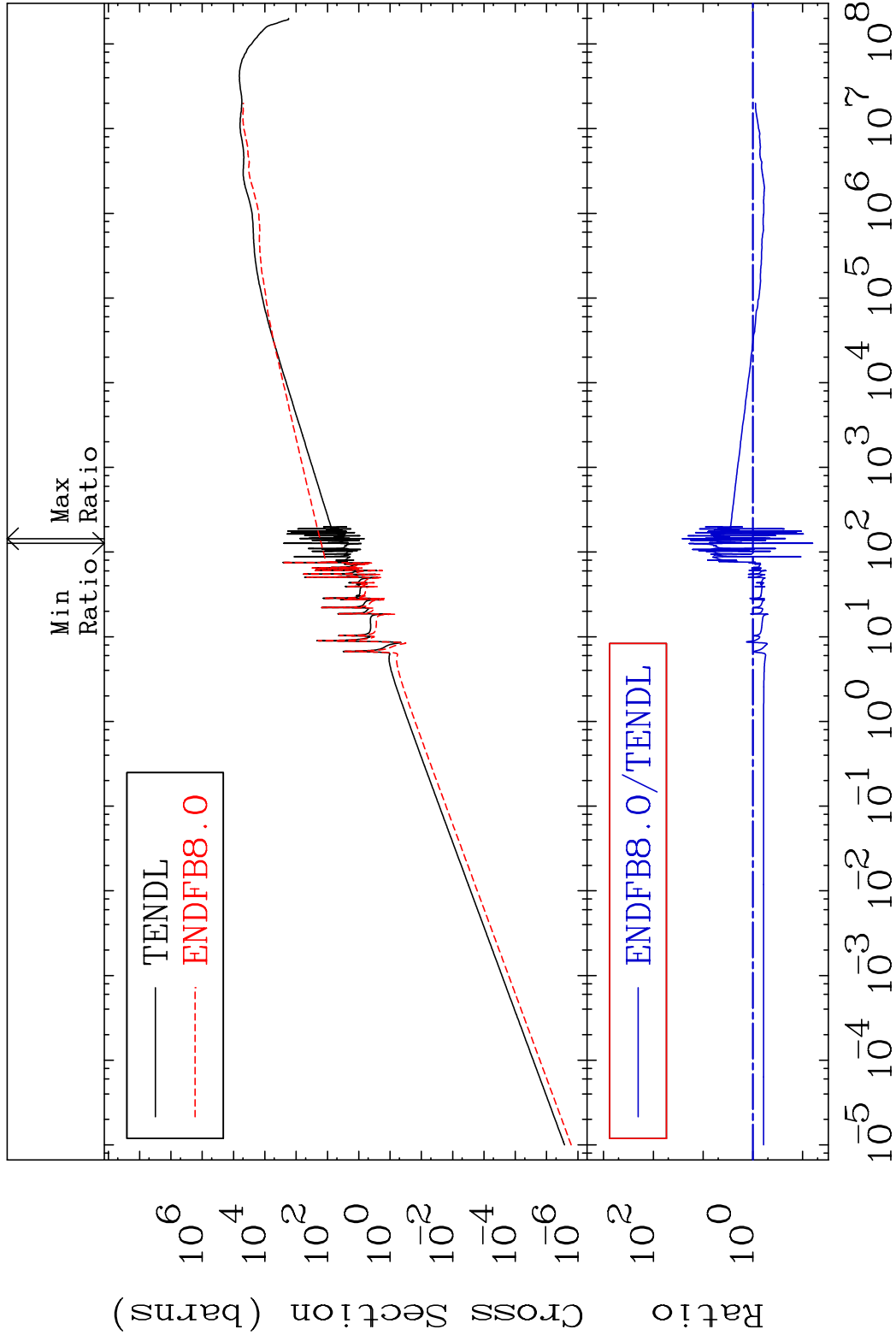
Incident Energy (eV)

76-0s-189

MAT 7640

Kerma elastic
Cross Section

76-0s-189
-93.67 To 2514. %

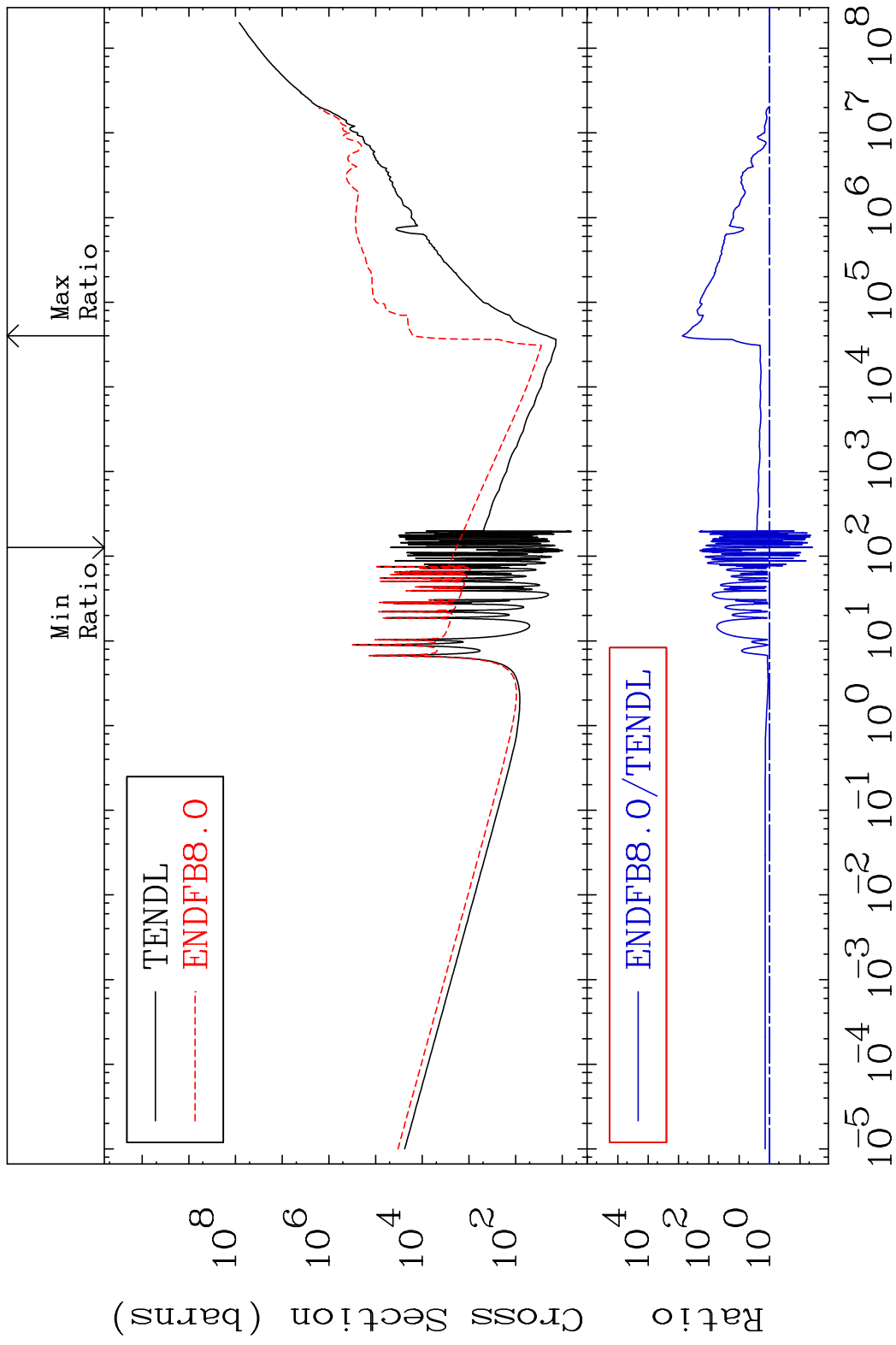


50

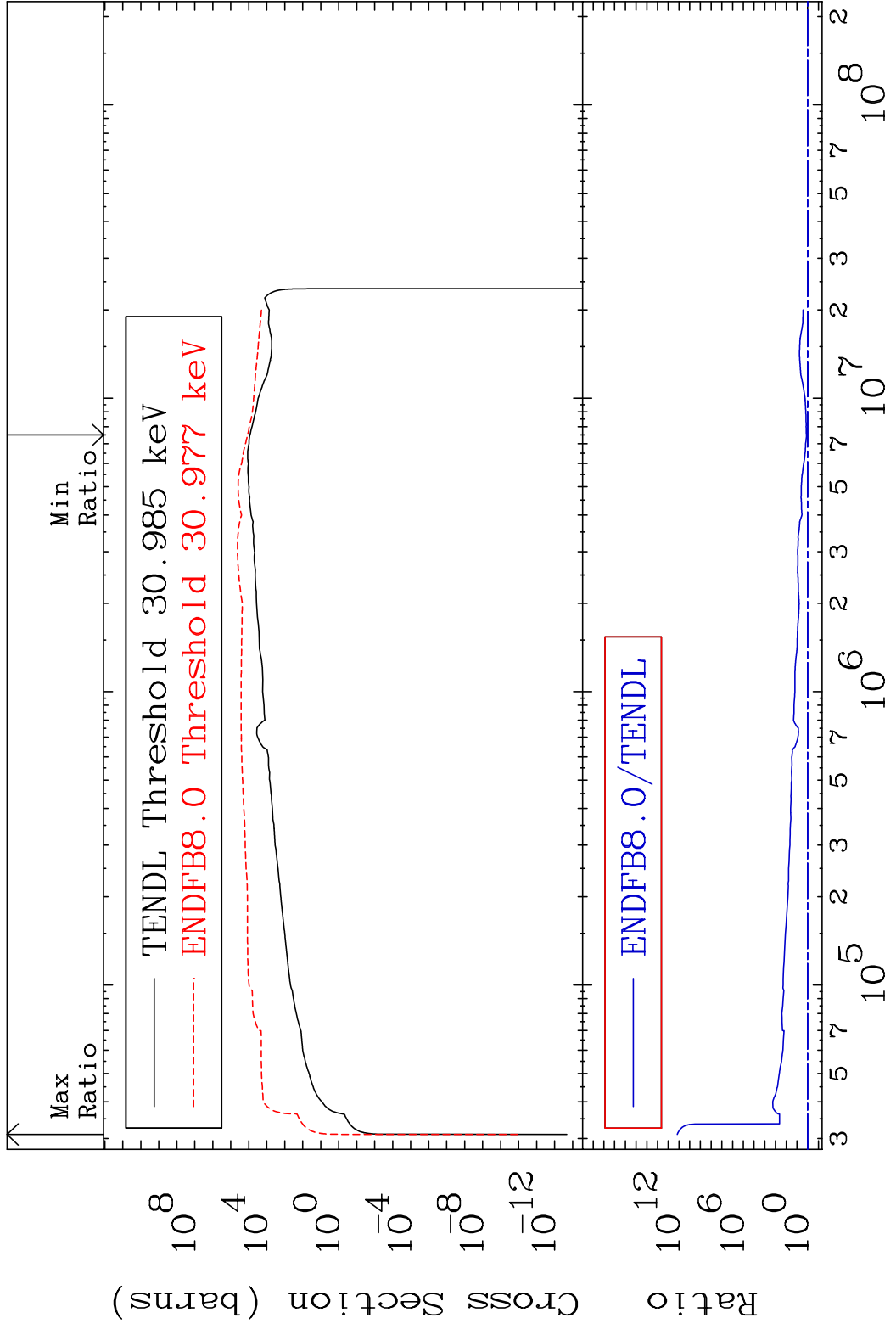
Incident Energy (eV)

76-0s-189

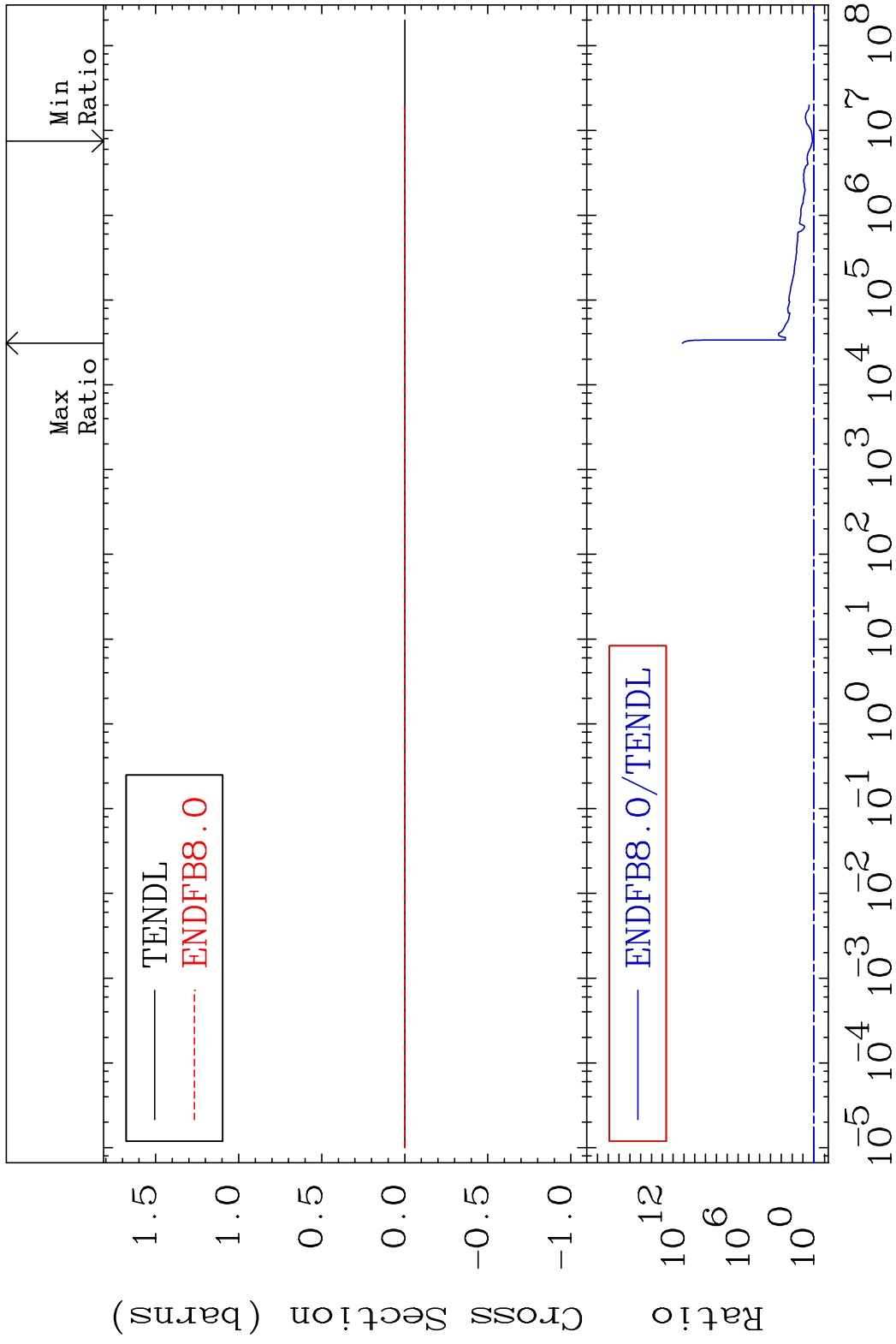
MAT 7640 Kerma non-elastic (all but mt2) 76-Os-189
 Cross Section -96.14 To 9999. %



MAT 7640 Kerma inelastic (mt51-91) 76-Os-189
 Cross Section 31.84 To 9999. %

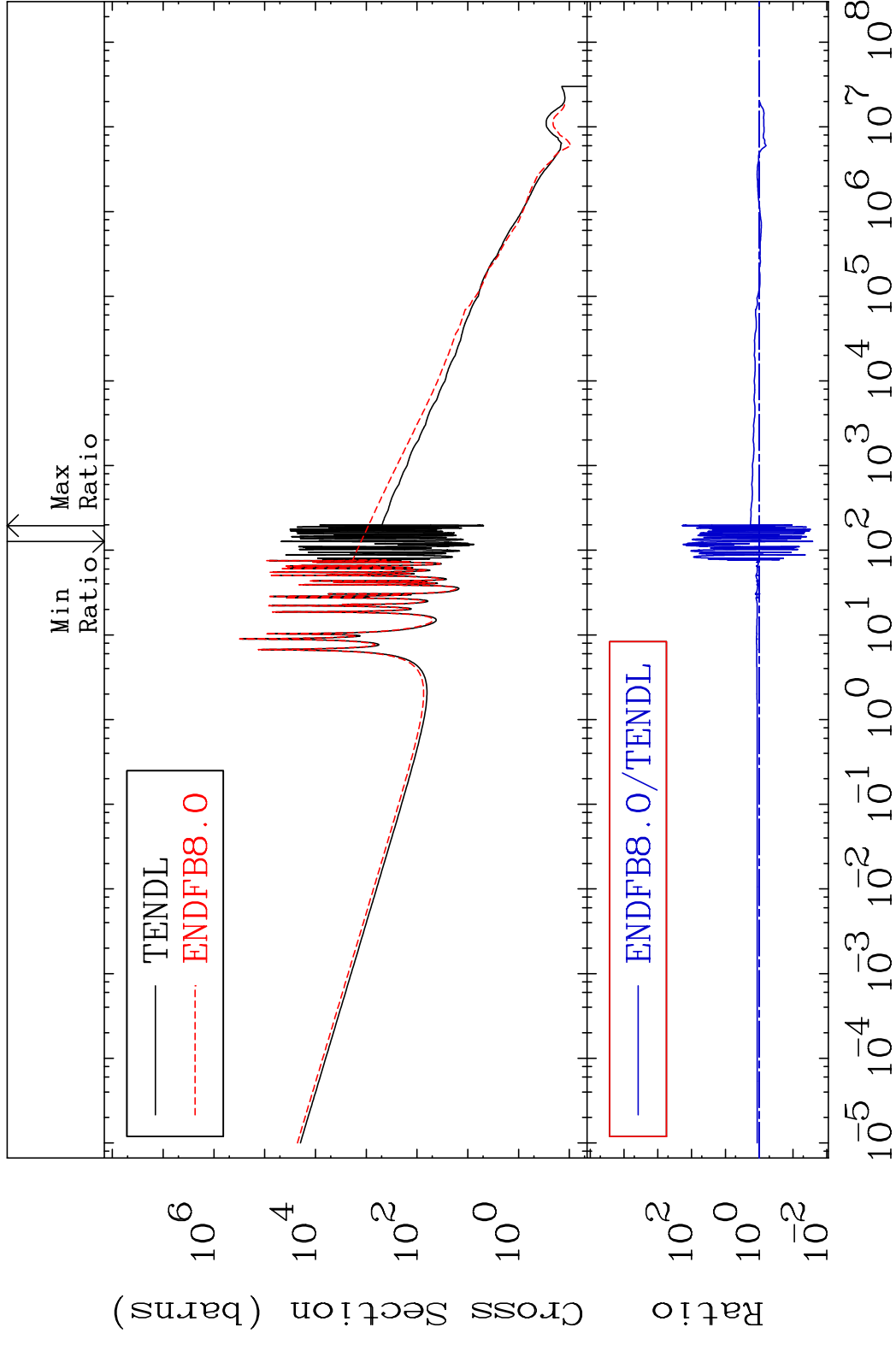


MAT 7640 Kerma fission (mt18 or mt19-20-21-38)76-0s-189
 Cross Section 31.84 To 9999. %

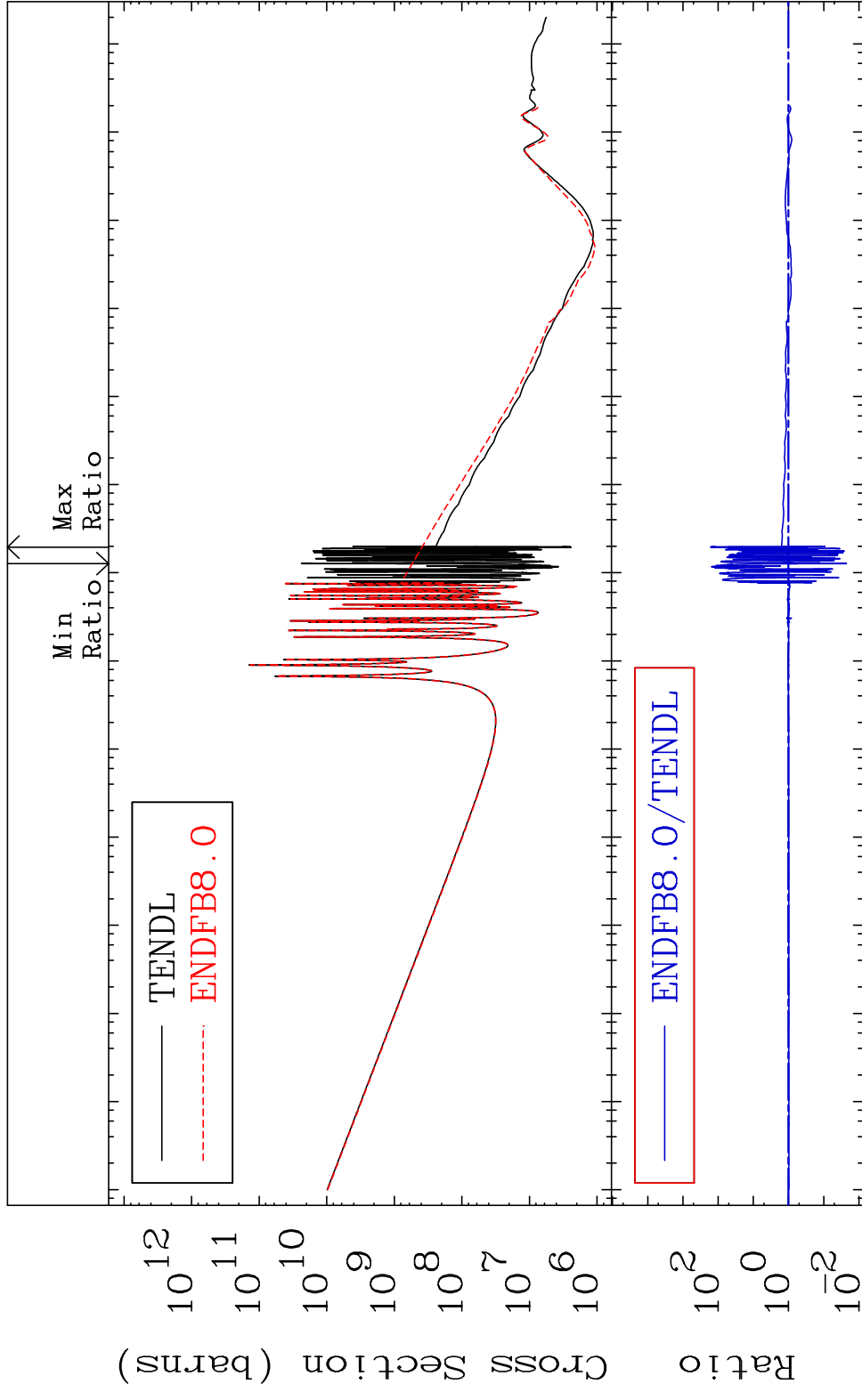


MAT 7640

Kerma capture (mt102) 76-0s-189
Cross Section -97.36 To 9999. %



MAT 7640 Total photon (eV-barns) 76-0s-189
 Cross Section -97.72 To 9999. %

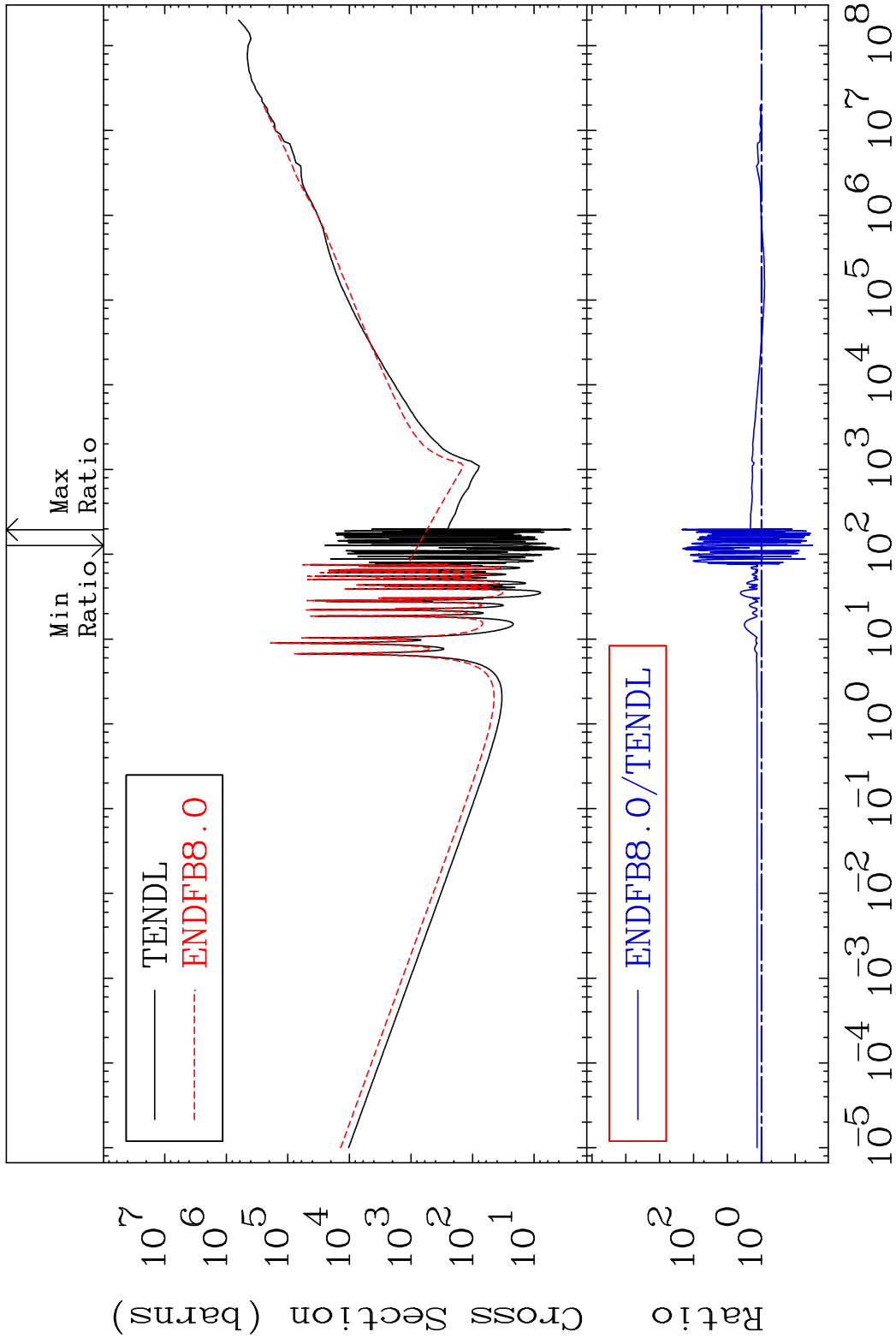


MAT 7640

Dpa total (eV-barns)

76-0s-189

Cross Section -96.91 To 9999. %



57

Incident Energy (eV)

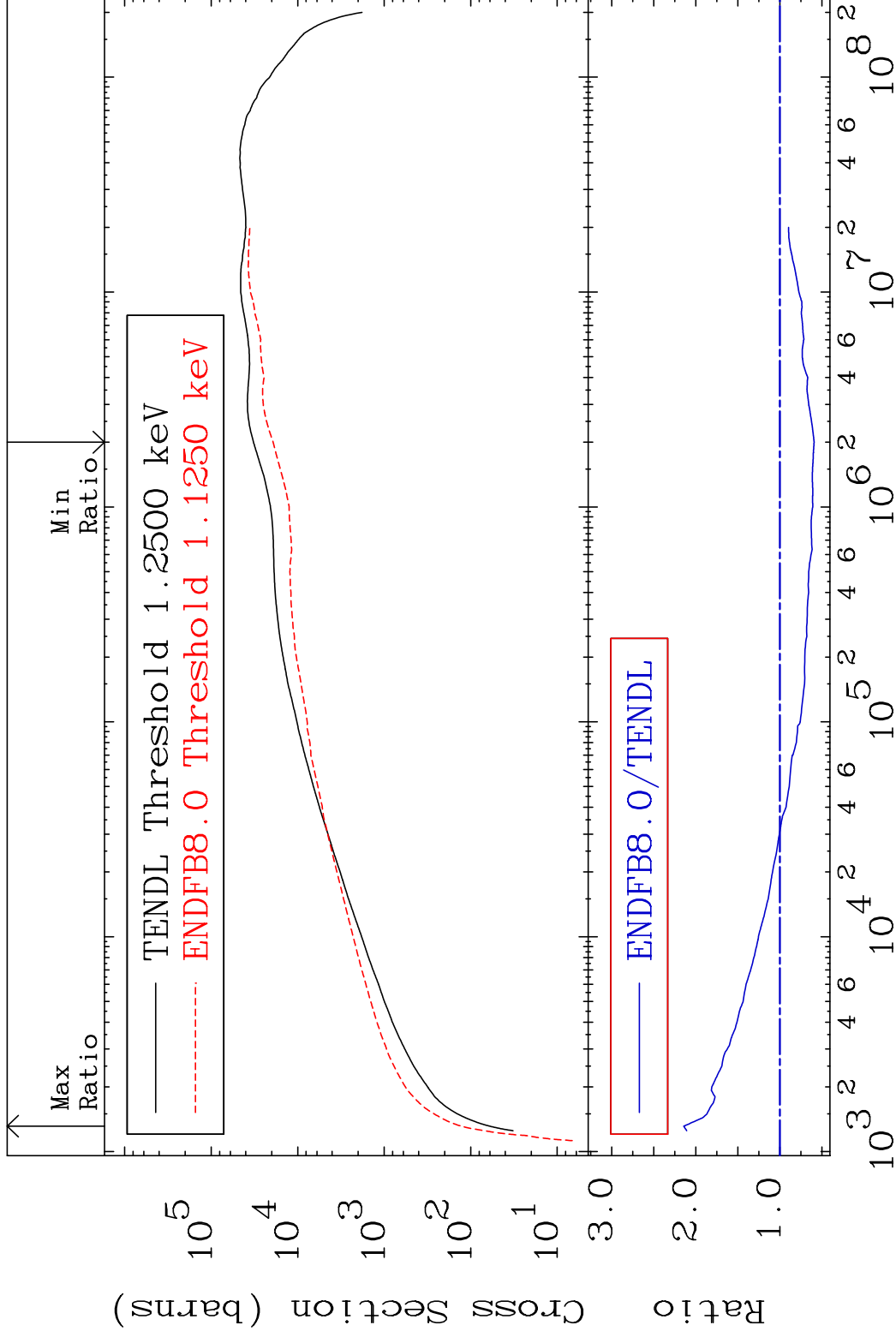
76-0s-189

MAT 7640

Dpa elastic (mt2)

76-Os-189

Cross Section -40.79 To 114.4 %

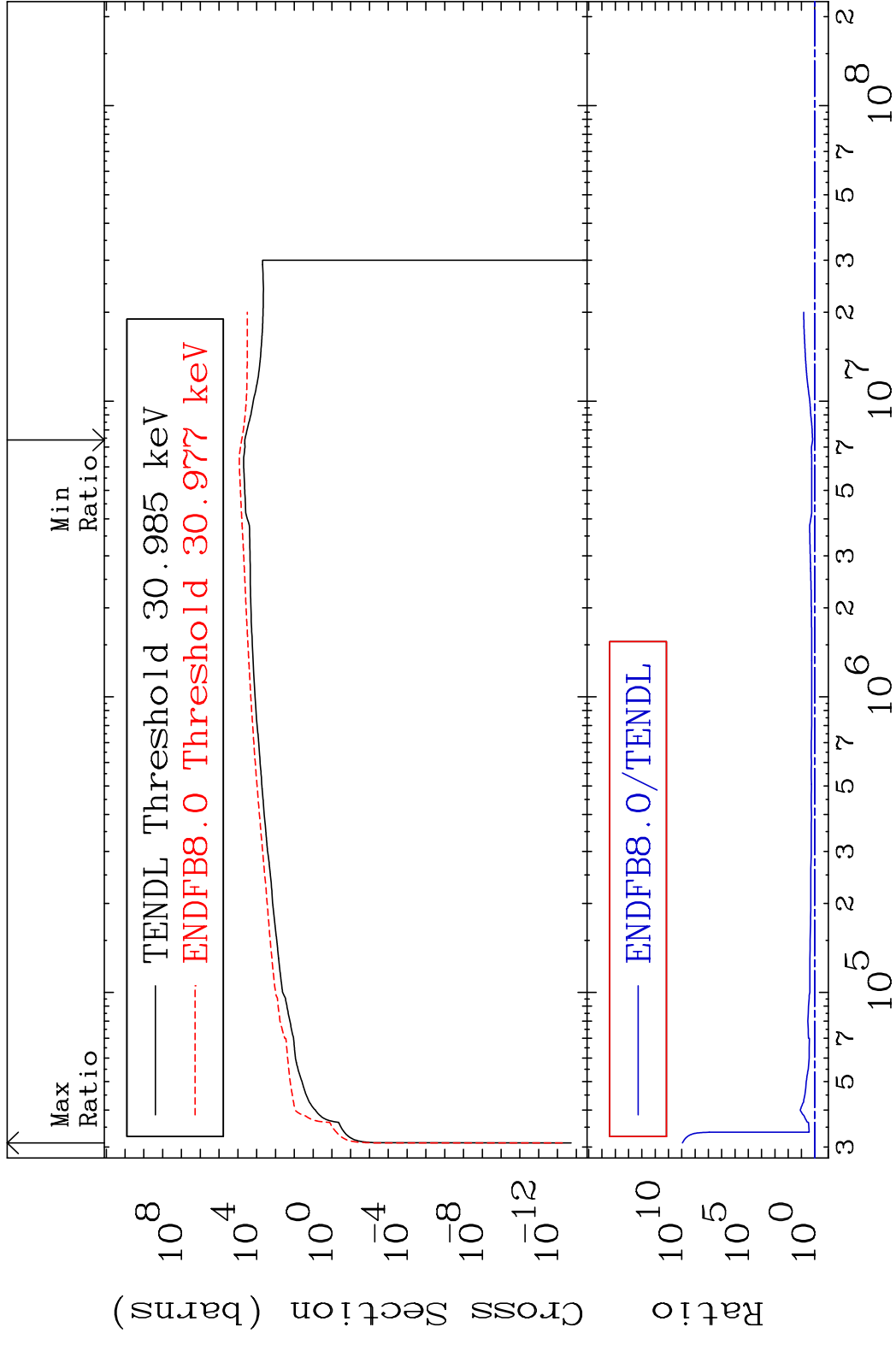


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Incident Energy (eV)

76-Os-189

MAT 7640 Dpa inelastic (mt51-91) 76-0s-189
 Cross Section 46.59 To 9999. %



MAT 7640 Dpa disappearance (mt102 -120) 76-0s-189
 Cross Section -96.91 To 9999. %

