

Program Complot
(Version 2021-1)

by

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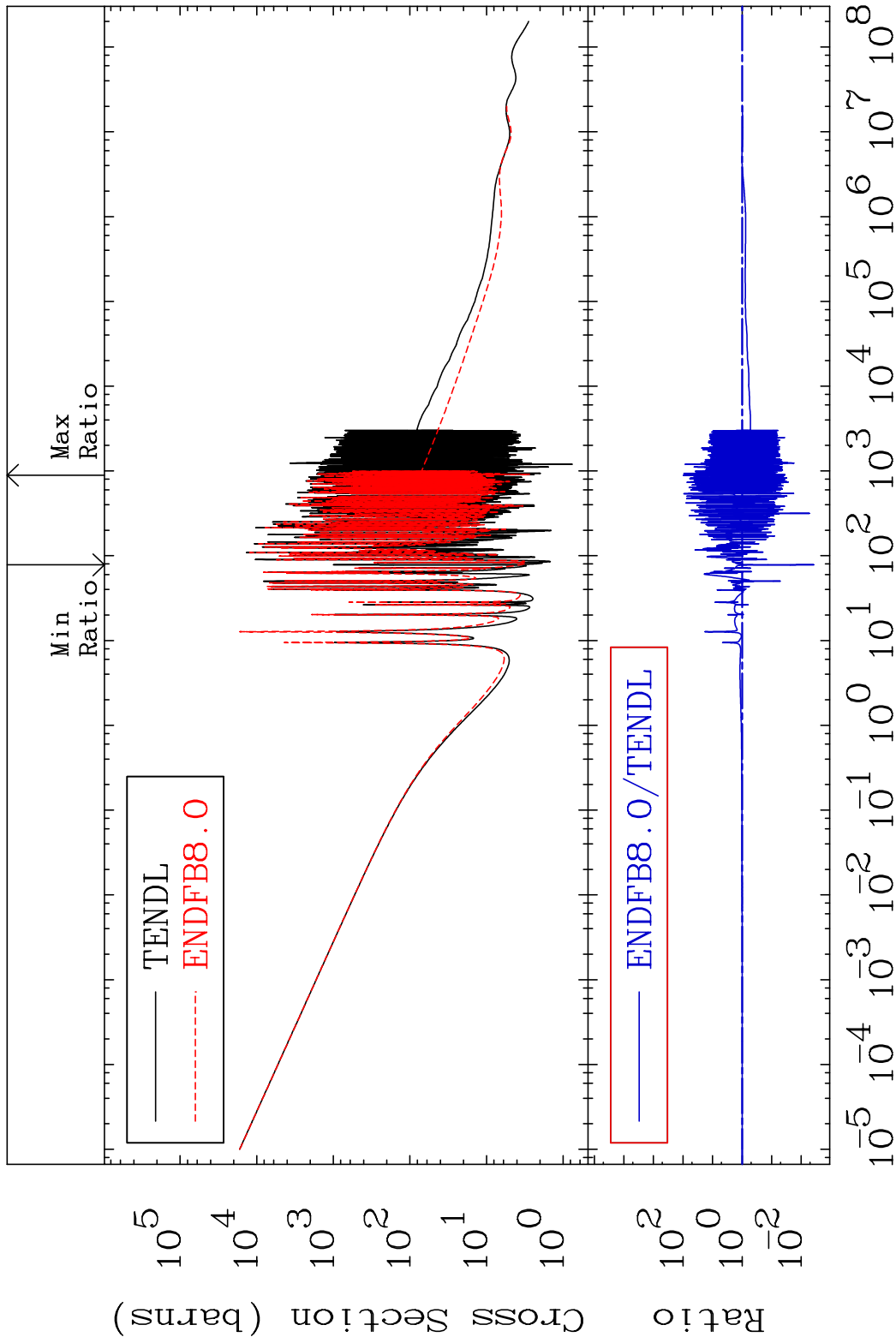
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7634

Total Cross Section -99.63 To 9546. %
76-0s-187



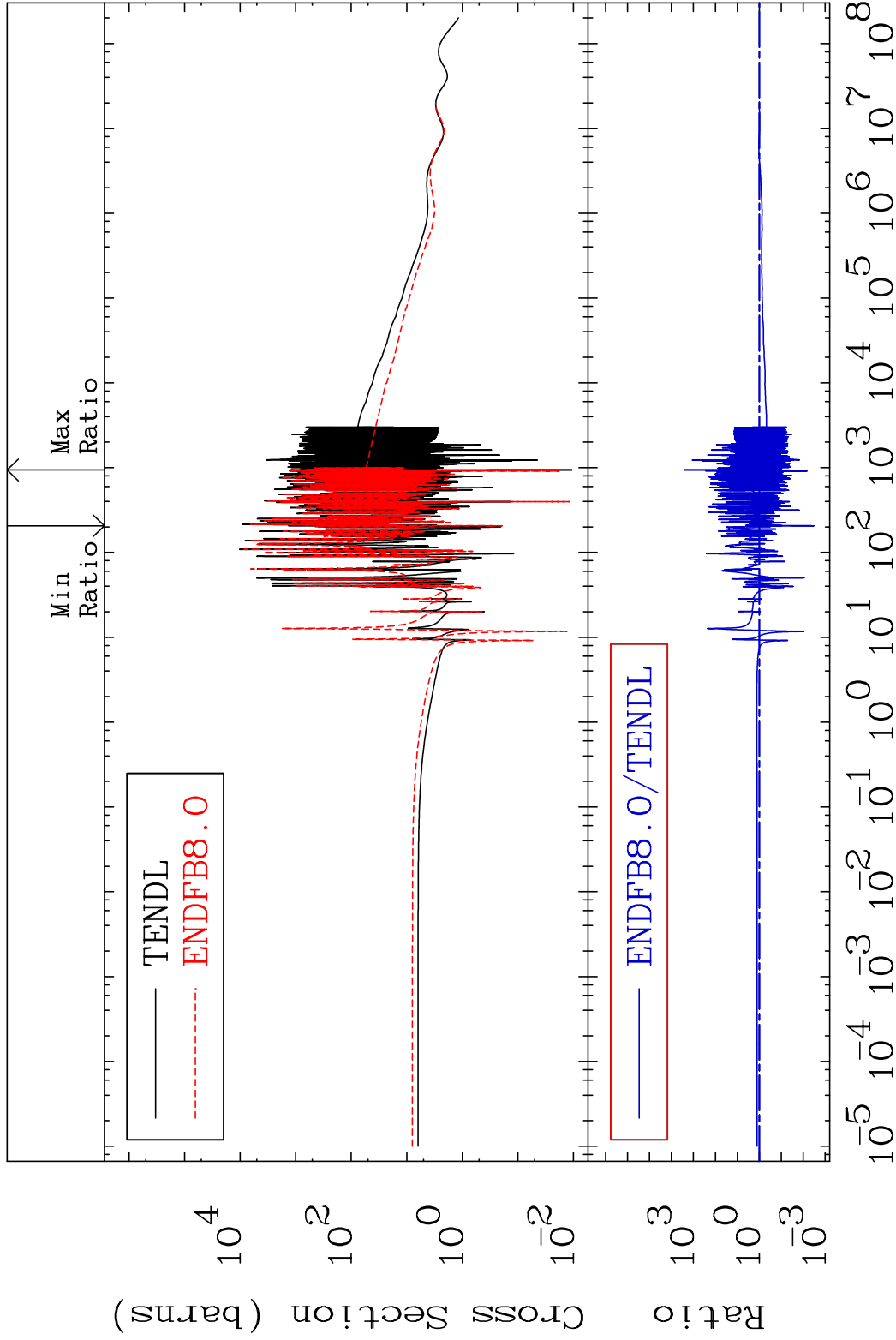
1 Incident Energy (eV) 76-0s-187

MAT 7634

Elastic

76-0s-187

Cross Section -99.67 To 9999. %

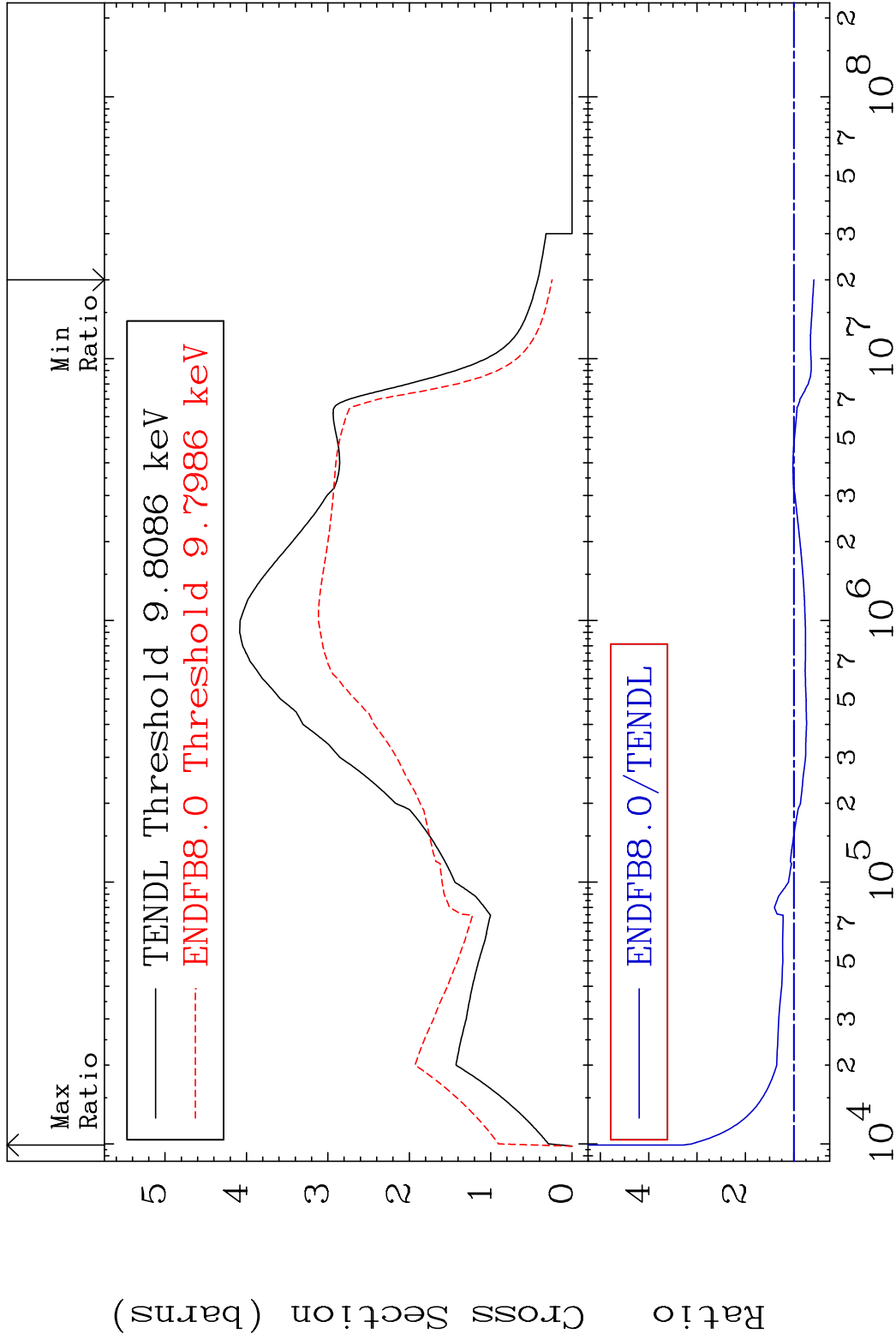


2

Incident Energy (eV)

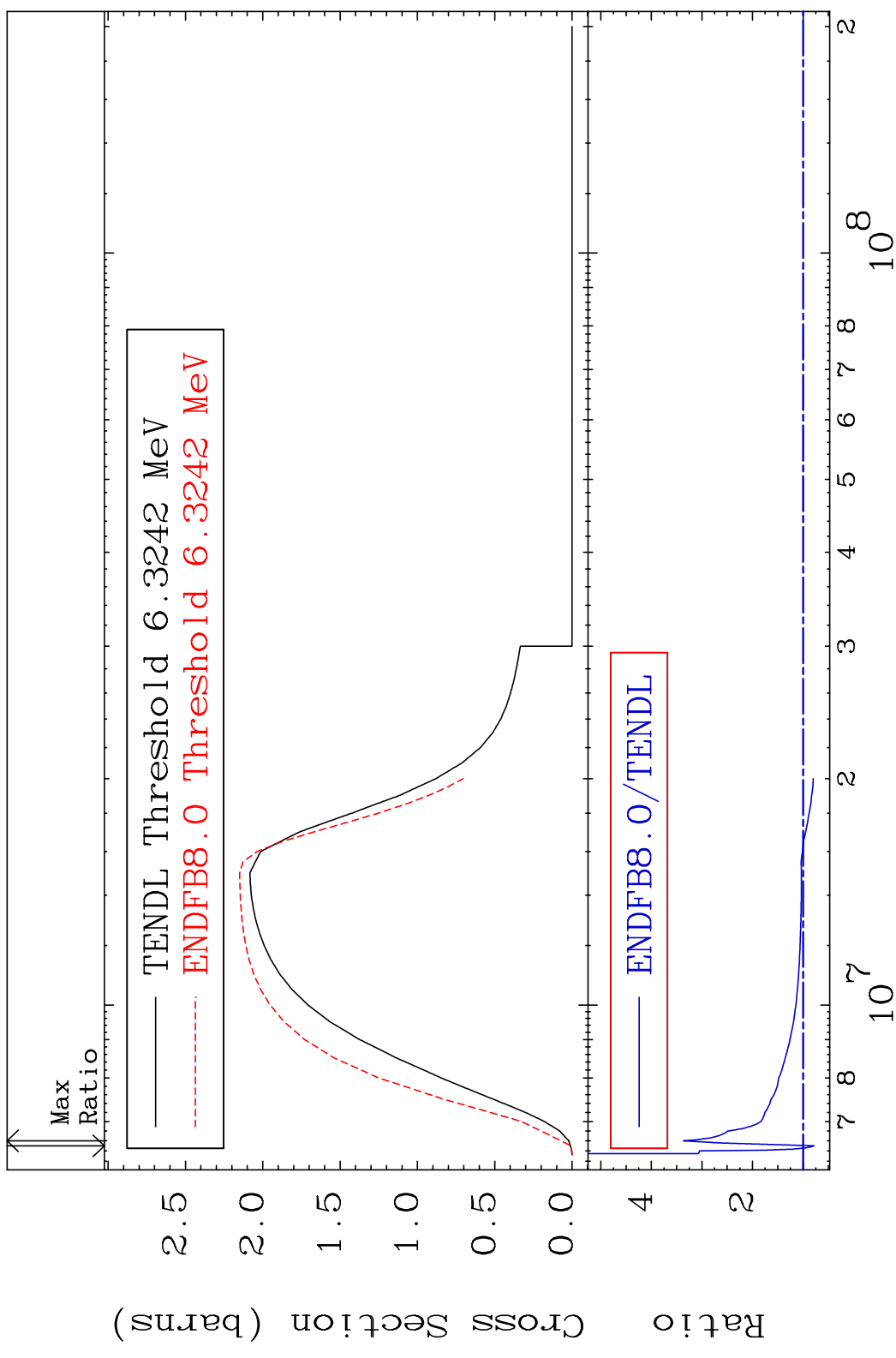
76-0s-187

MAT 7634 Inelastic Cross Section -41.57 To 228.1 % 76-0s-187



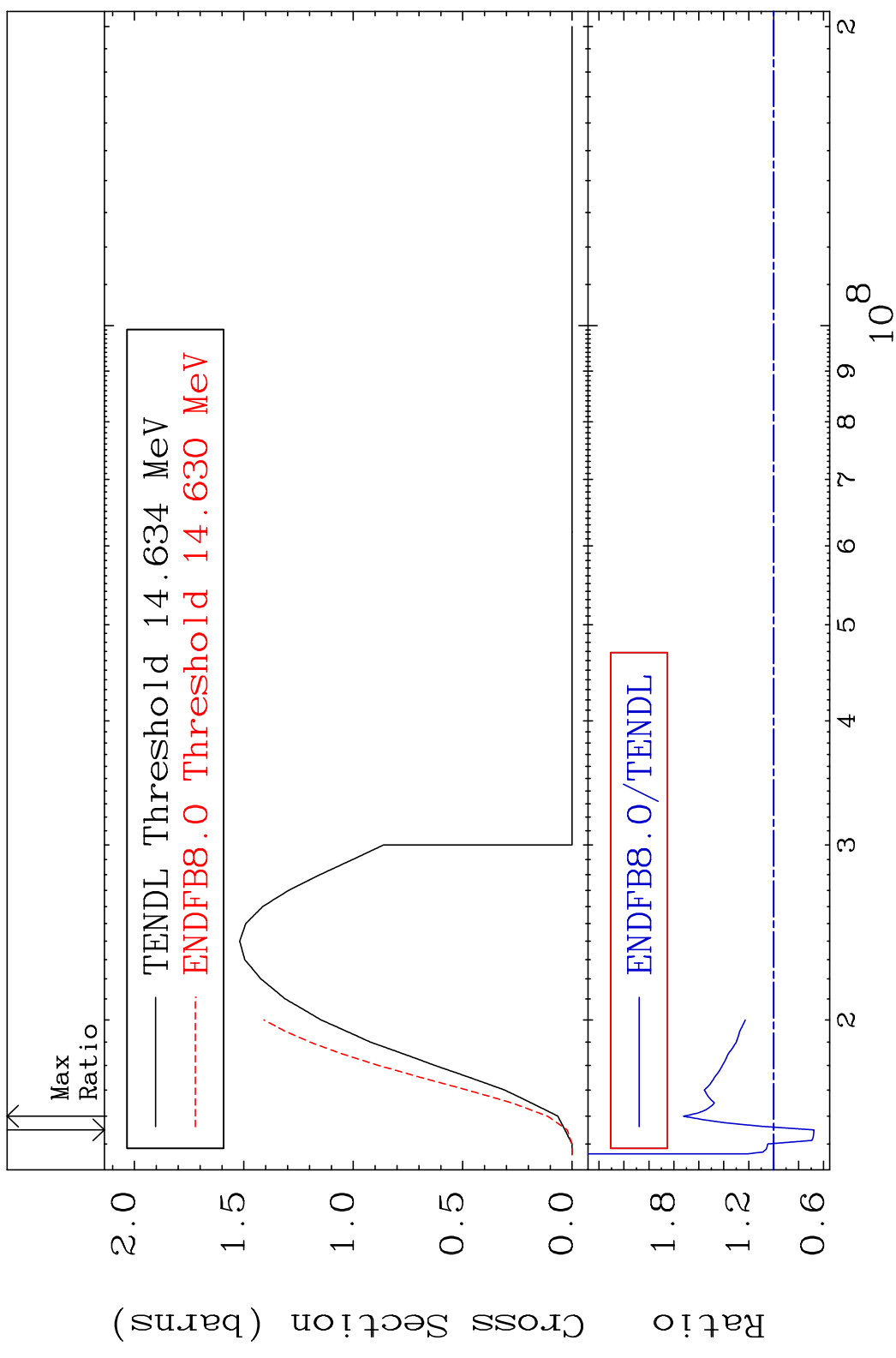
3 Incident Energy (eV) 76-0s-187

MAT 7634 (n,2n) 76-0s-187
 Cross Section -21.34 To 236.5 %

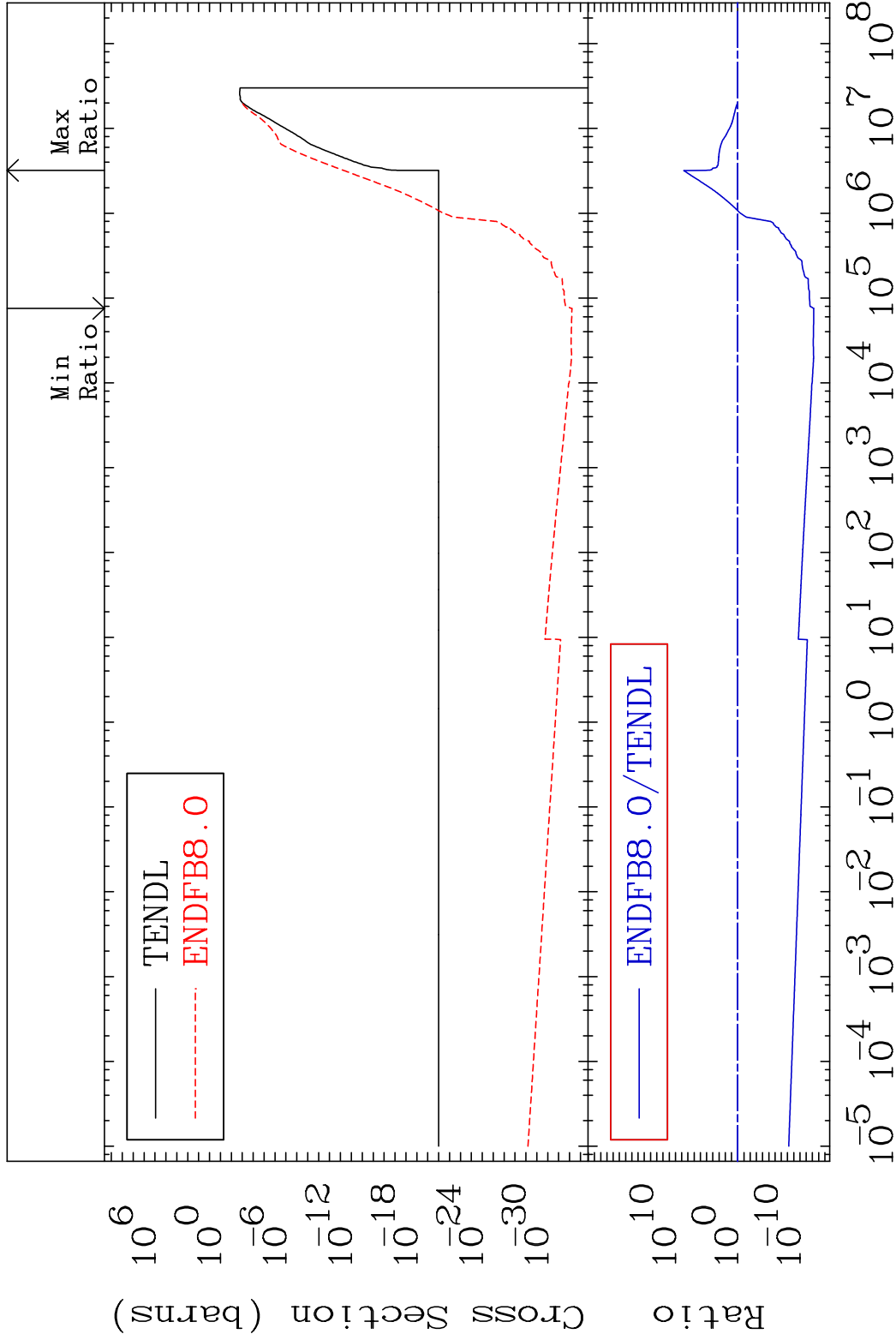


4 Incident Energy (eV) 76-0s-187

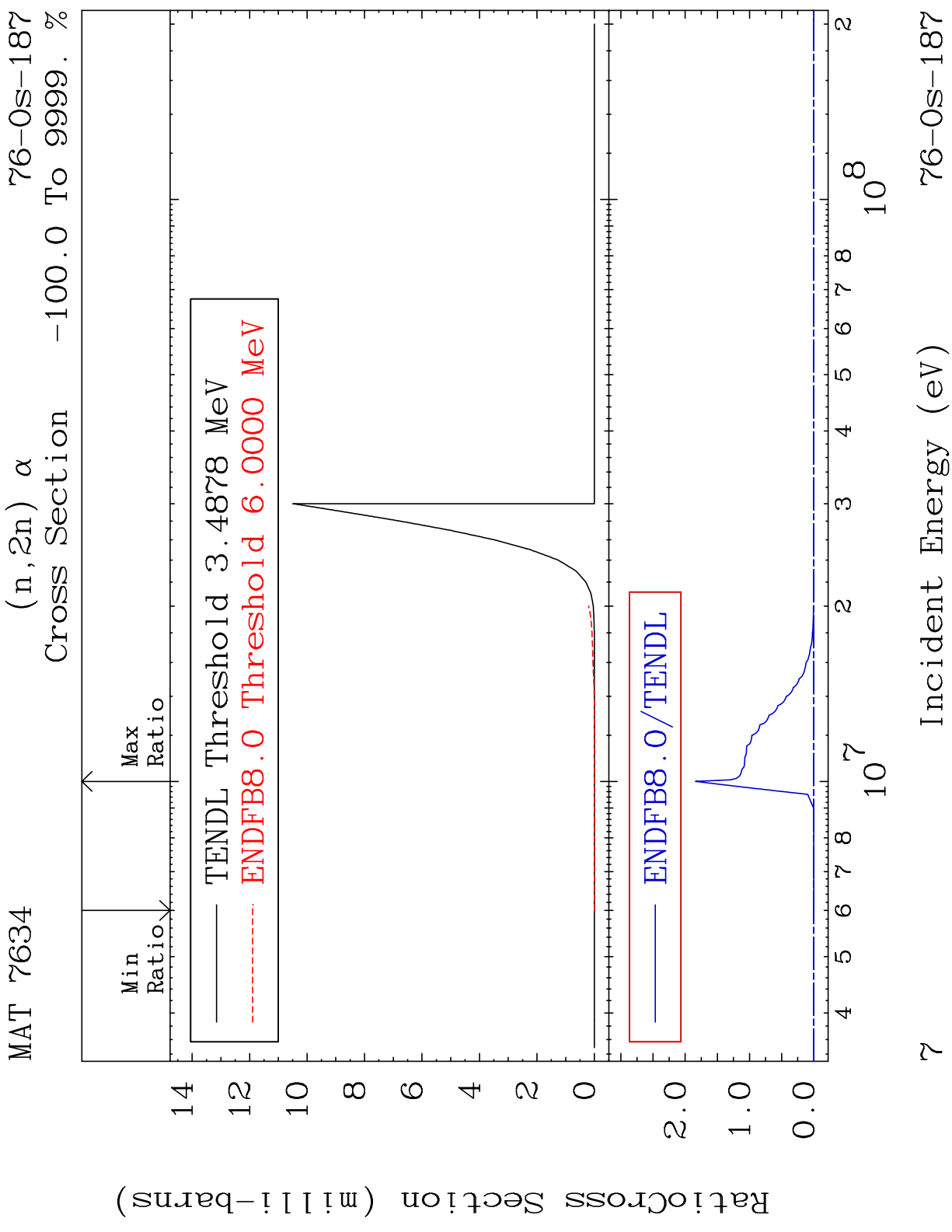
MAT 7634 (n,3n) 76-0s-187
 Cross Section -32.23 To 72.32 %

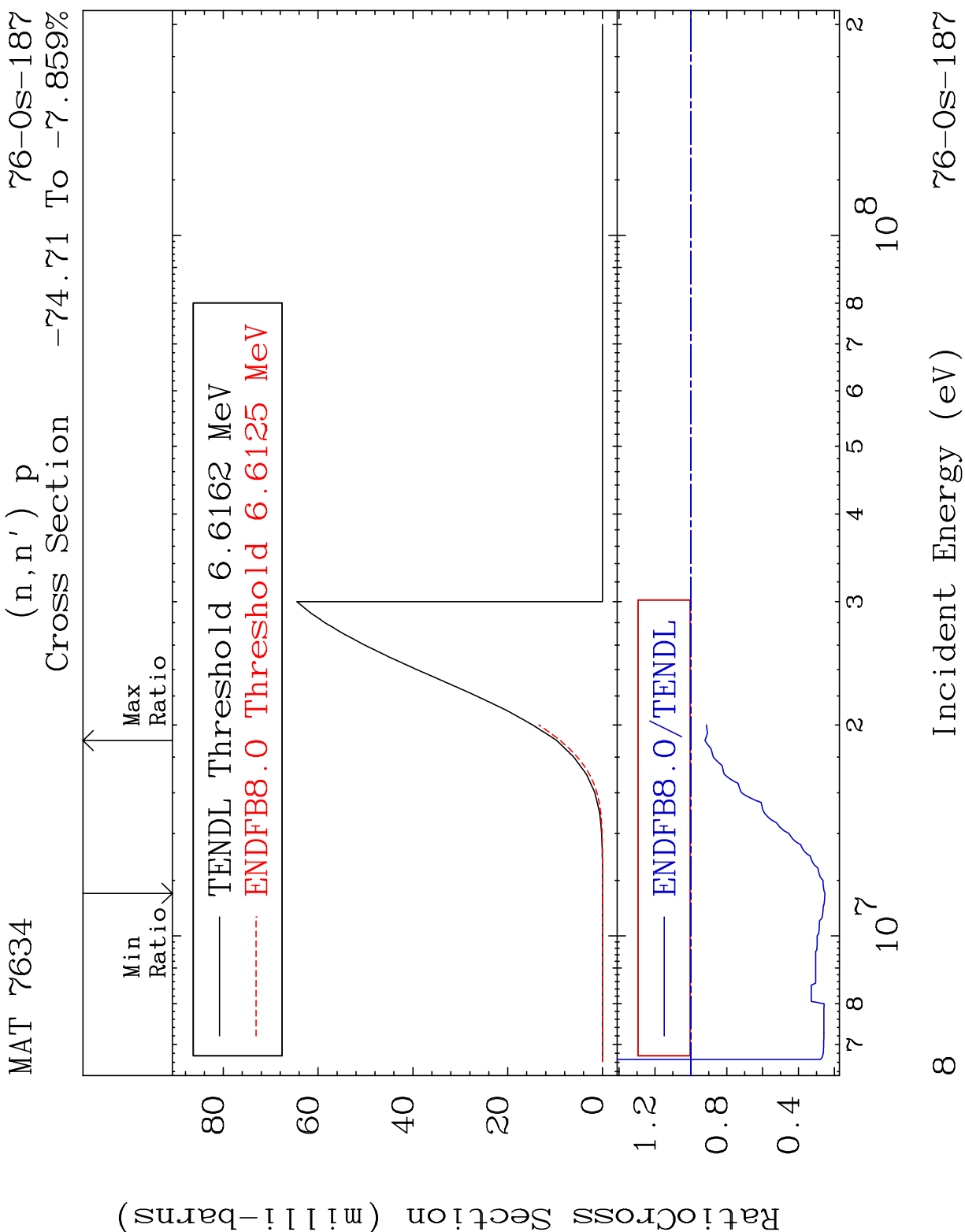


MAT 7634 (n, n') α 76-Os-187
 Cross Section -100.0 To 9999. %

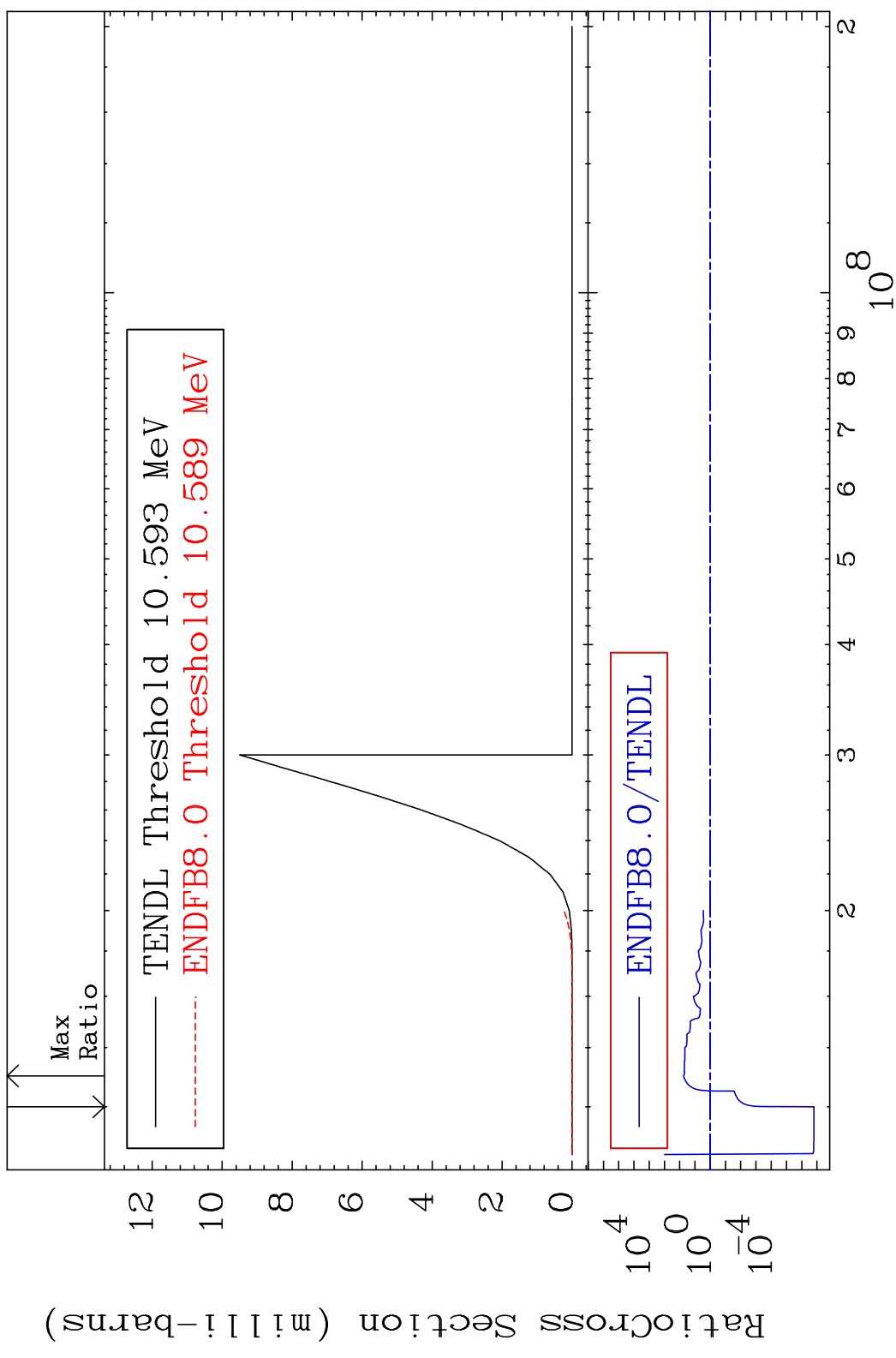


6 Incident Energy (eV) 76-Os-187

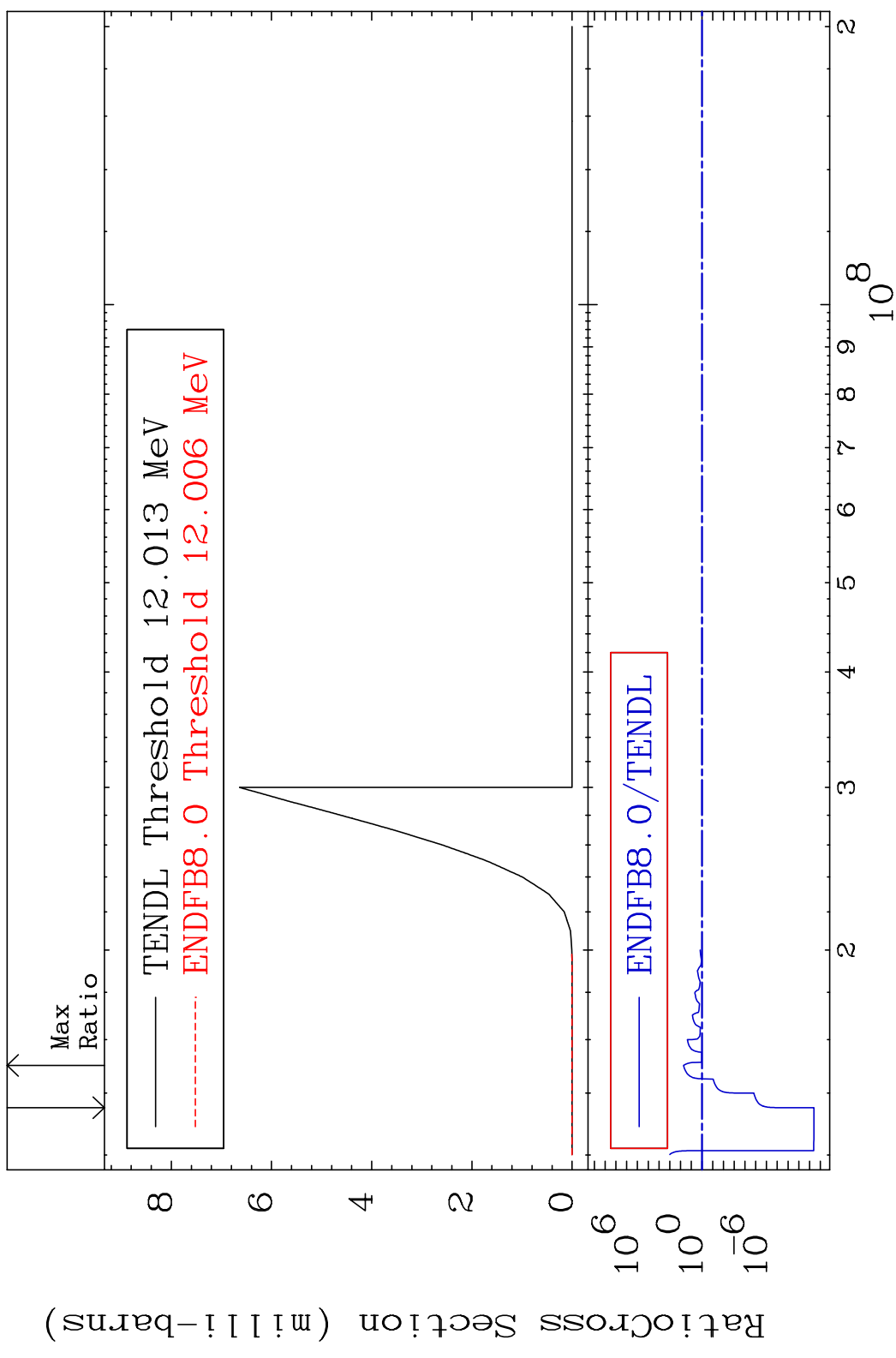




MAT 7634 (n, n') d 76-0s-187
 Cross Section -100.0 To 5576. %

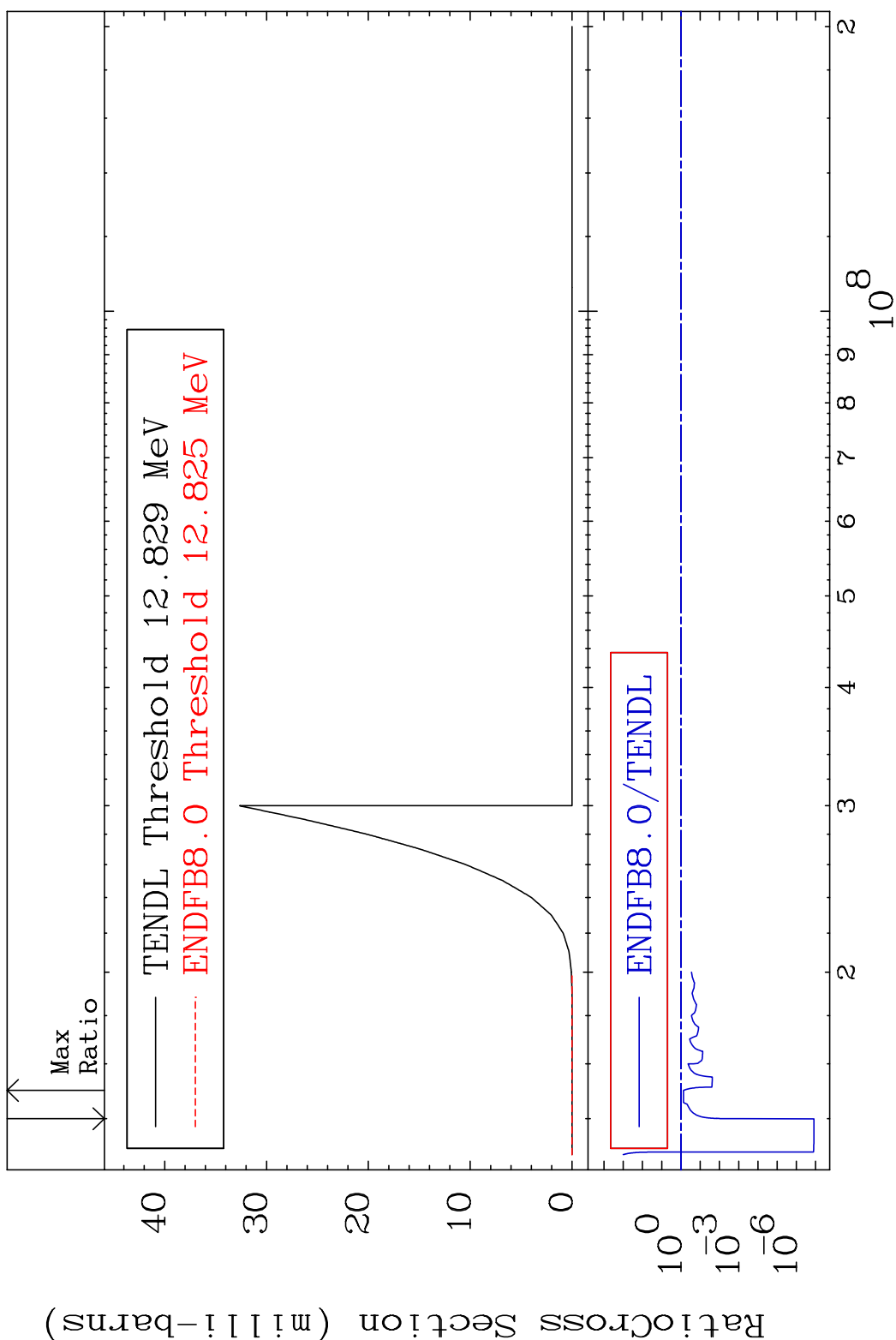


MAT 7634 (n, n') t 76-0s-187
 Cross Section -100.0 To 5174. %

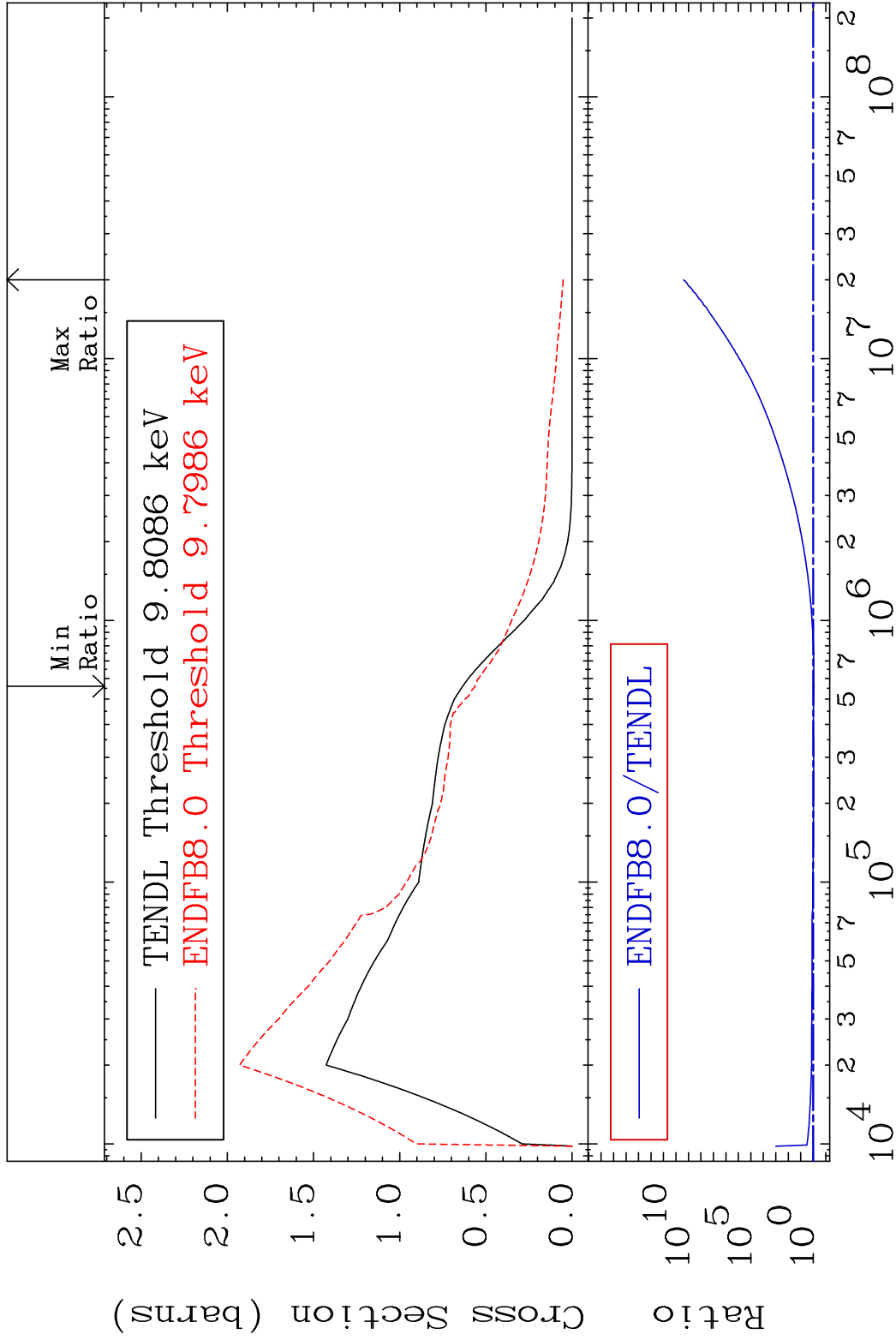


10 76-0s-187

MAT 7634 (n,2n) p 76-0s-187
 Cross Section -100.0 To -25.91%

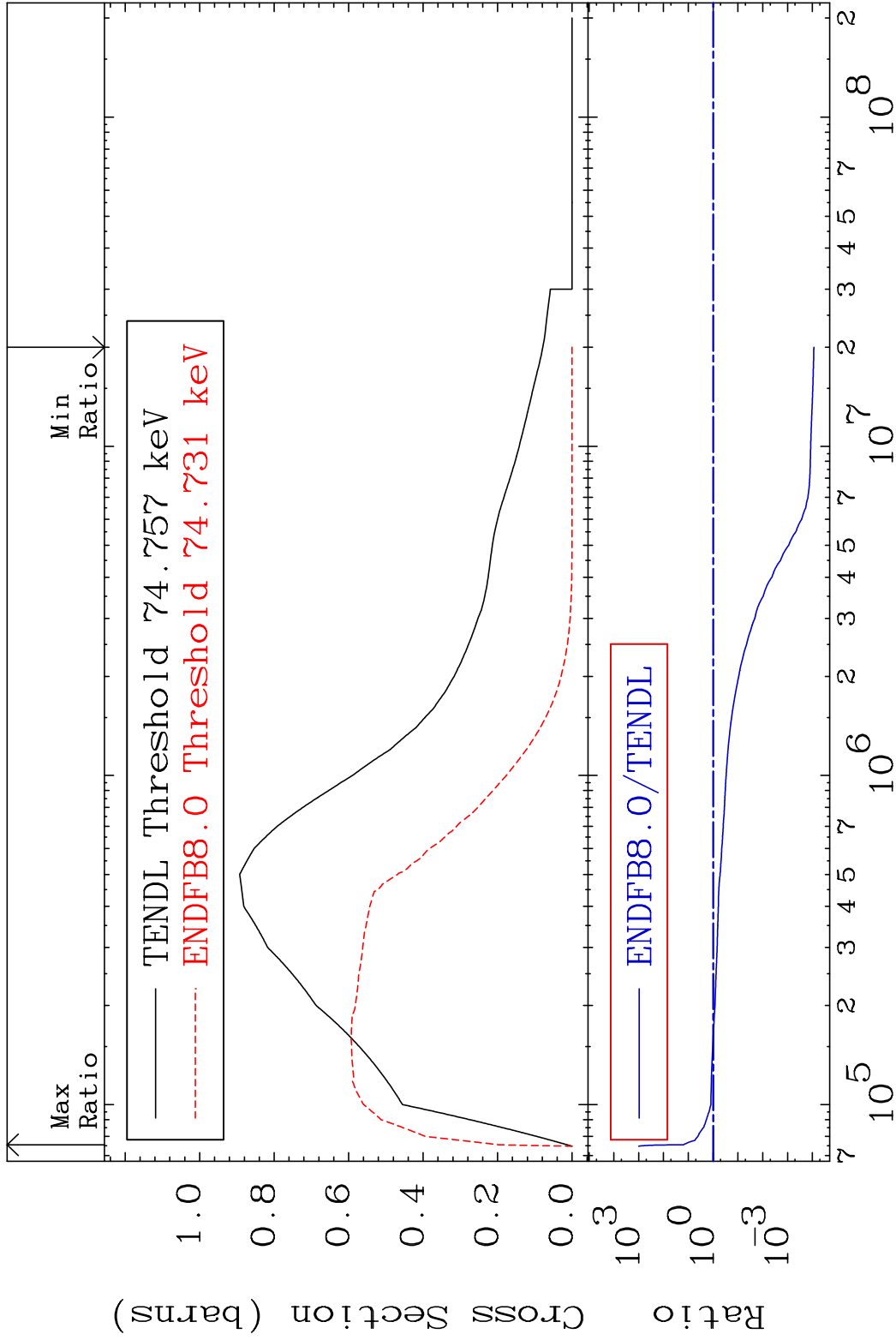


MAT 7634 MT= 51 (n, n') Level 76-0s-187
 Cross Section -11.26 To 9999. %



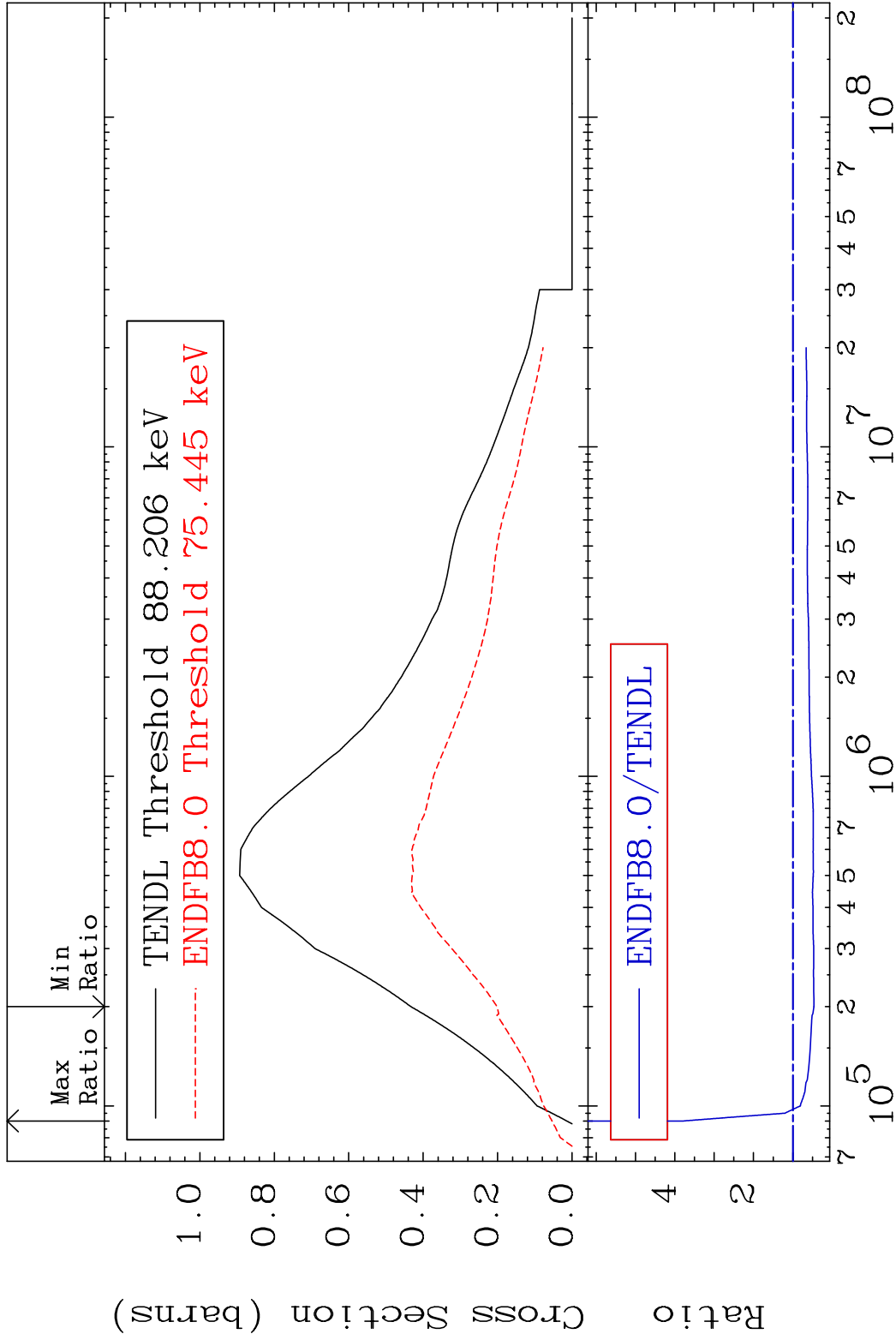
12 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 52 (n, n') Level 76-0s-187
 Cross Section -99.99 To 1469. %



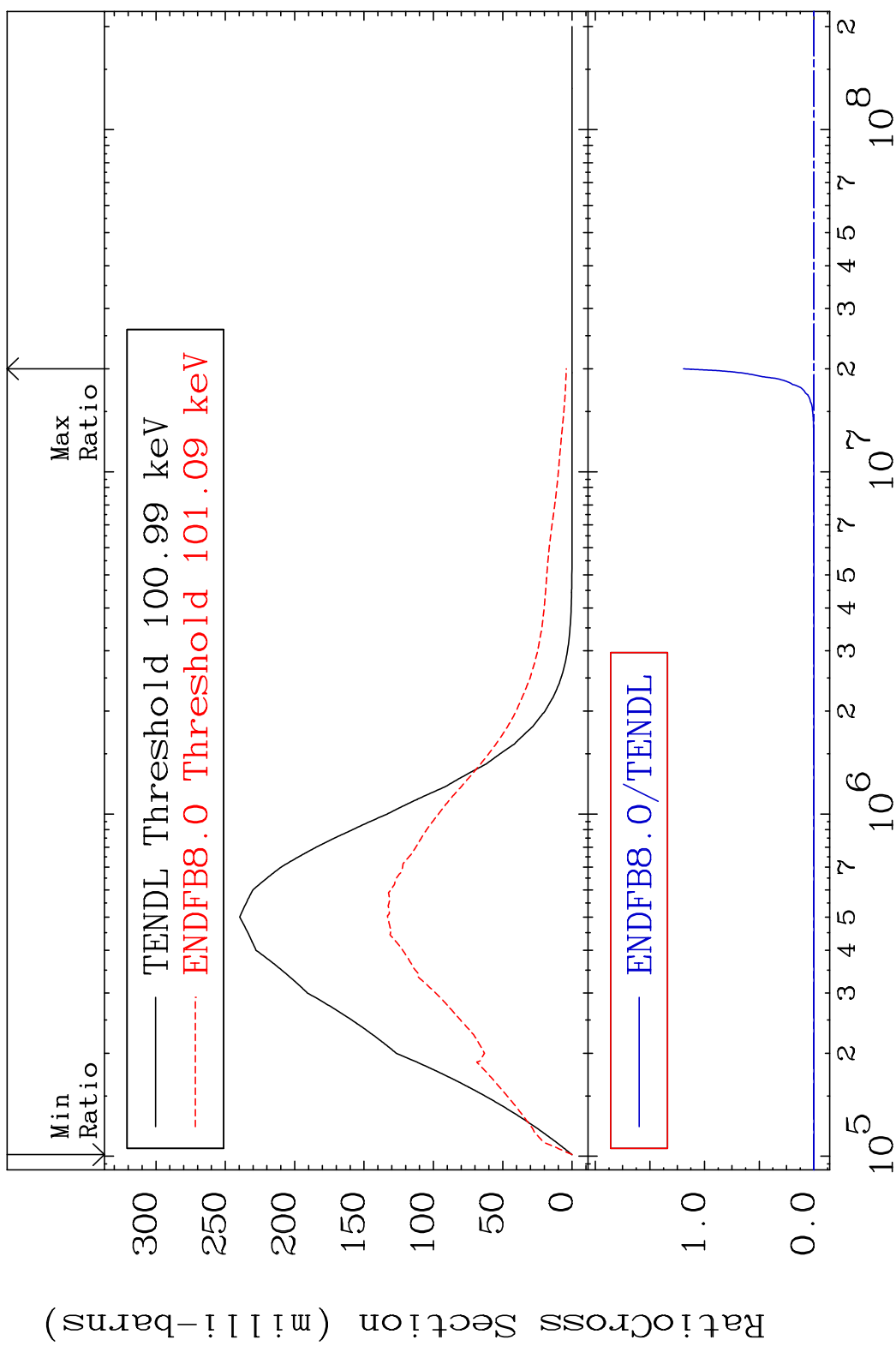
13 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 53 (n, n') Level 76-0s-187
 Cross Section -53.48 To 278.1 %



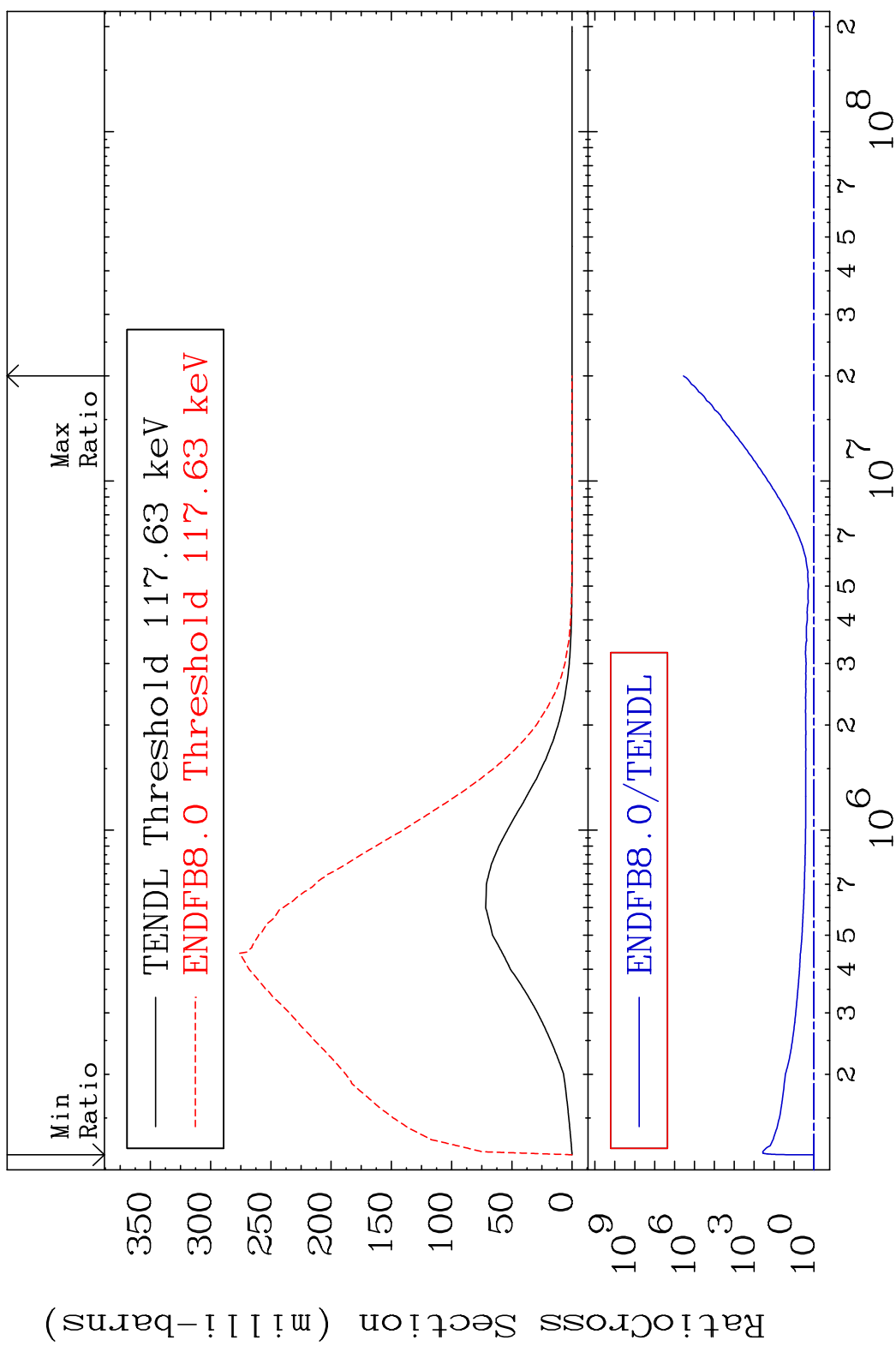
14 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 54 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



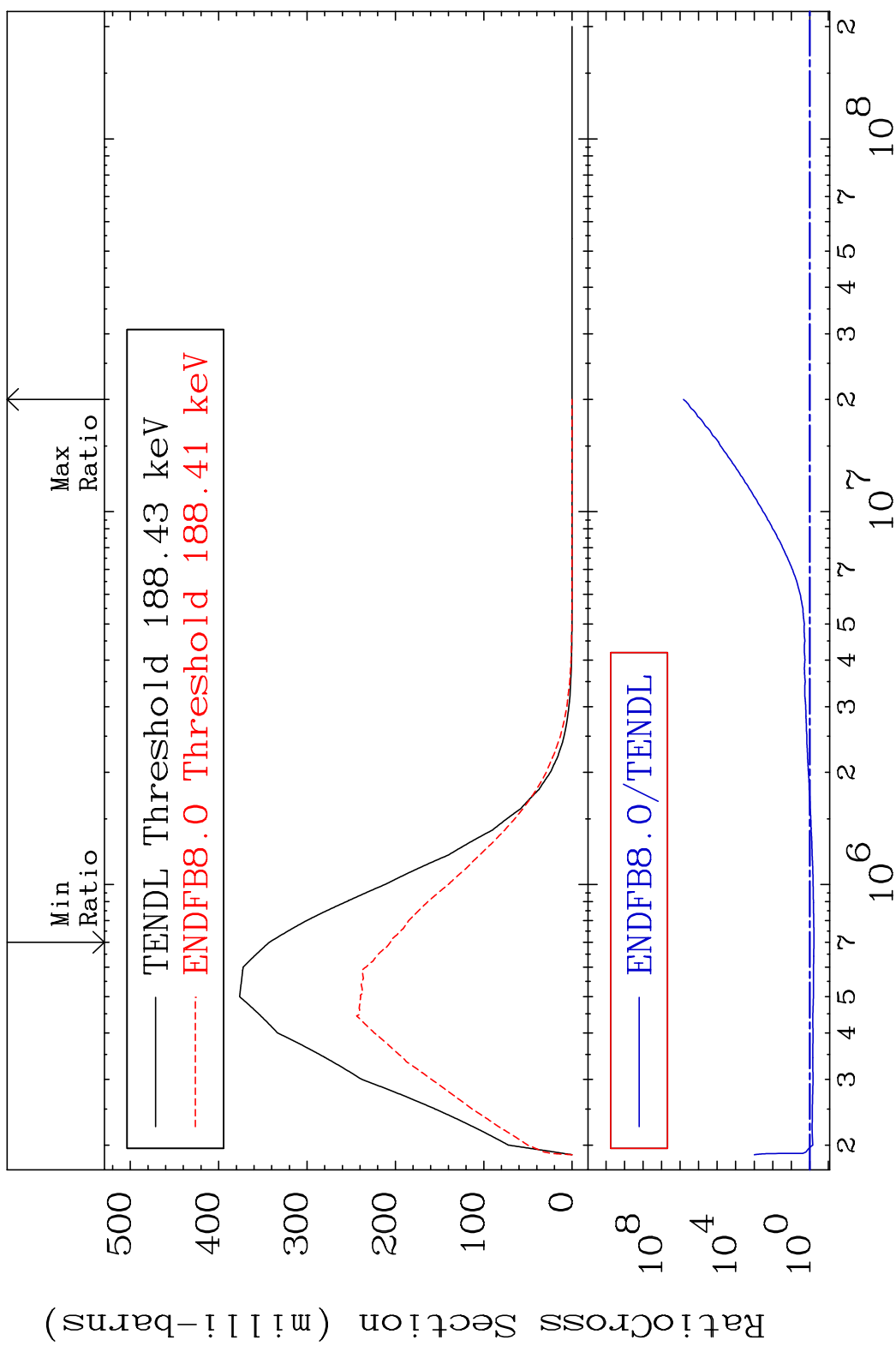
15 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 55 (n, n') Level 76-0s-187
 Cross Section 0.000 To 9999. %



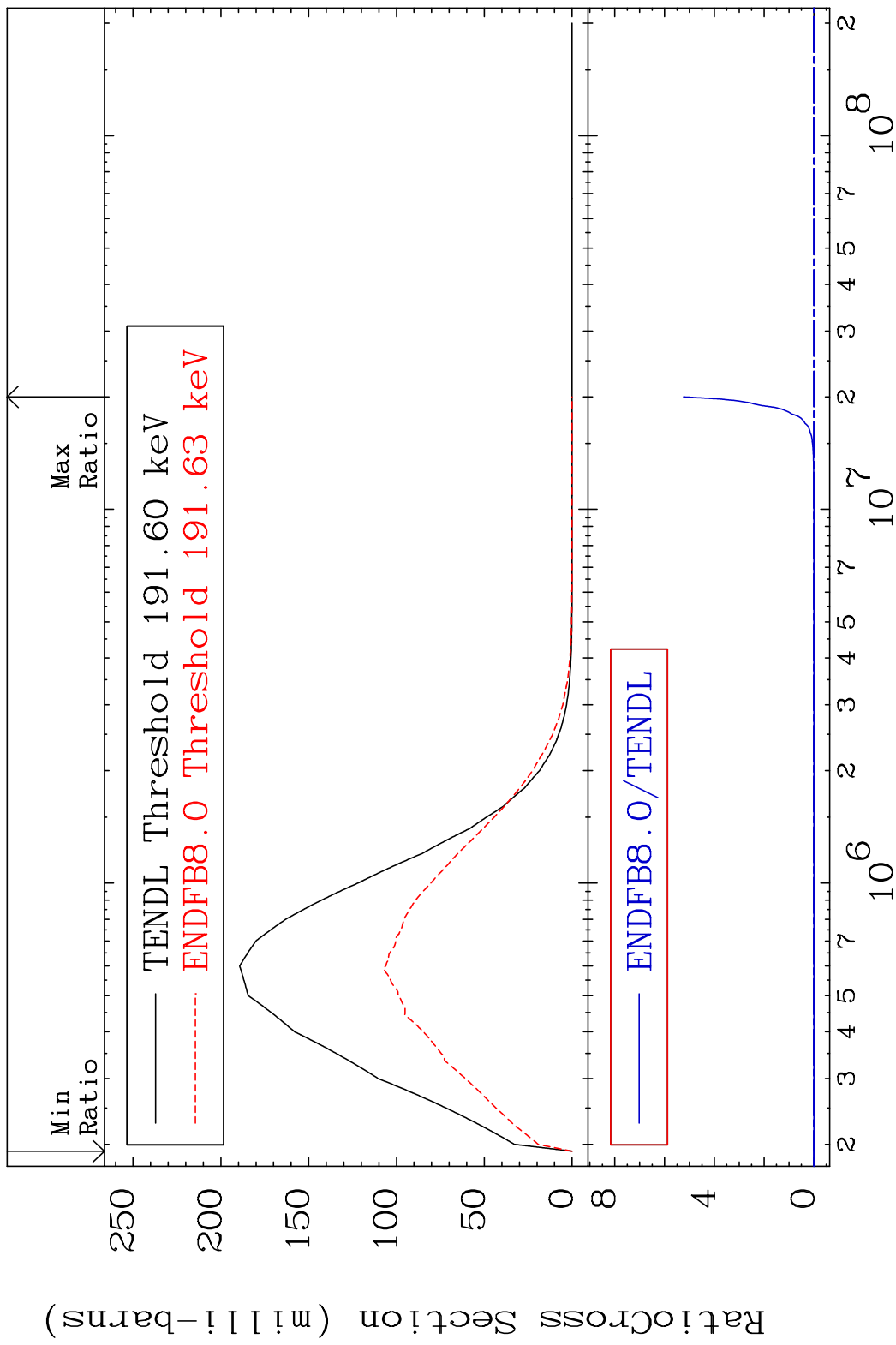
16 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 56 (n, n') Level 76-Os-187
 Cross Section -39.96 To 9999. %



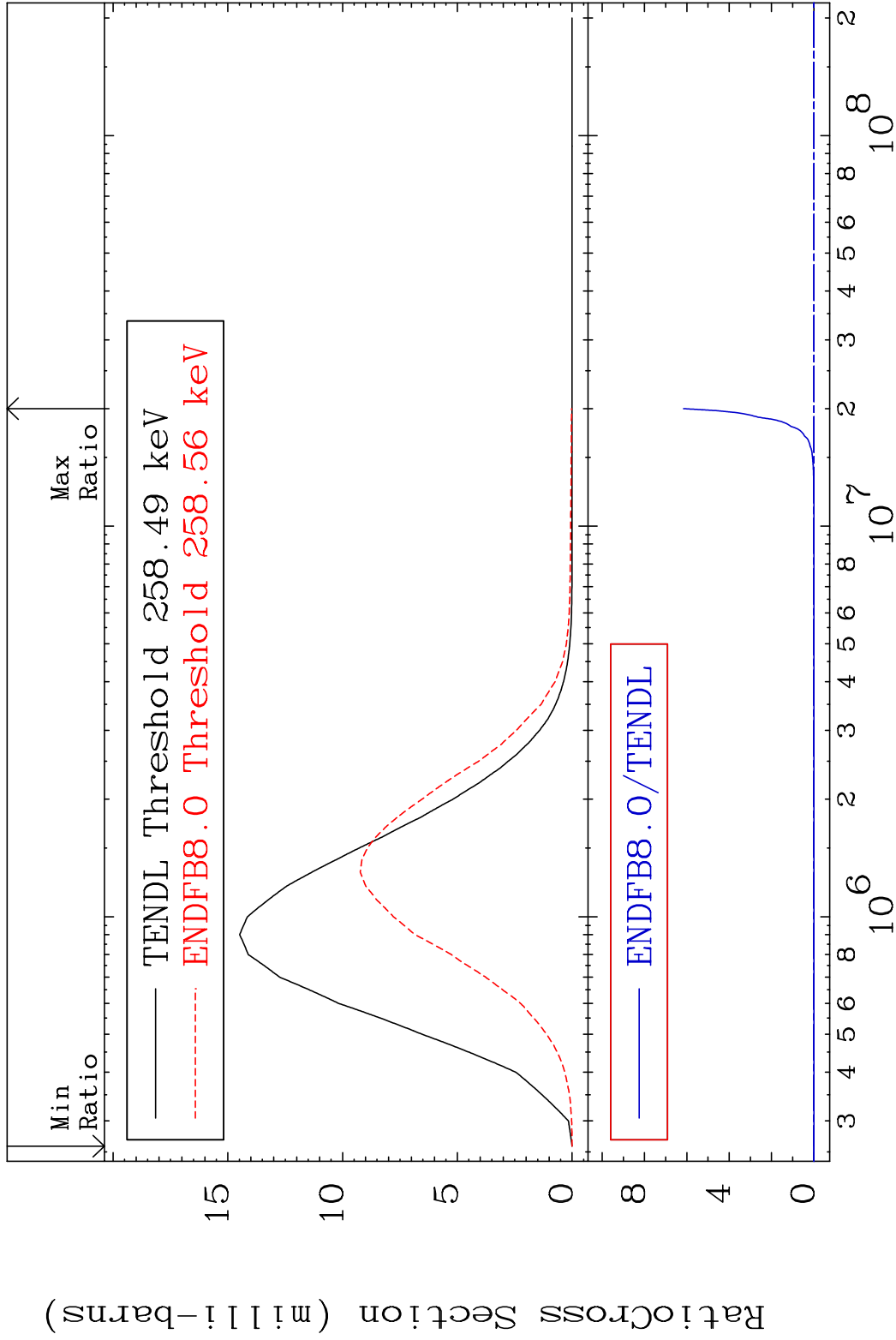
17 76-Os-187

MAT 7634 MT= 57 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



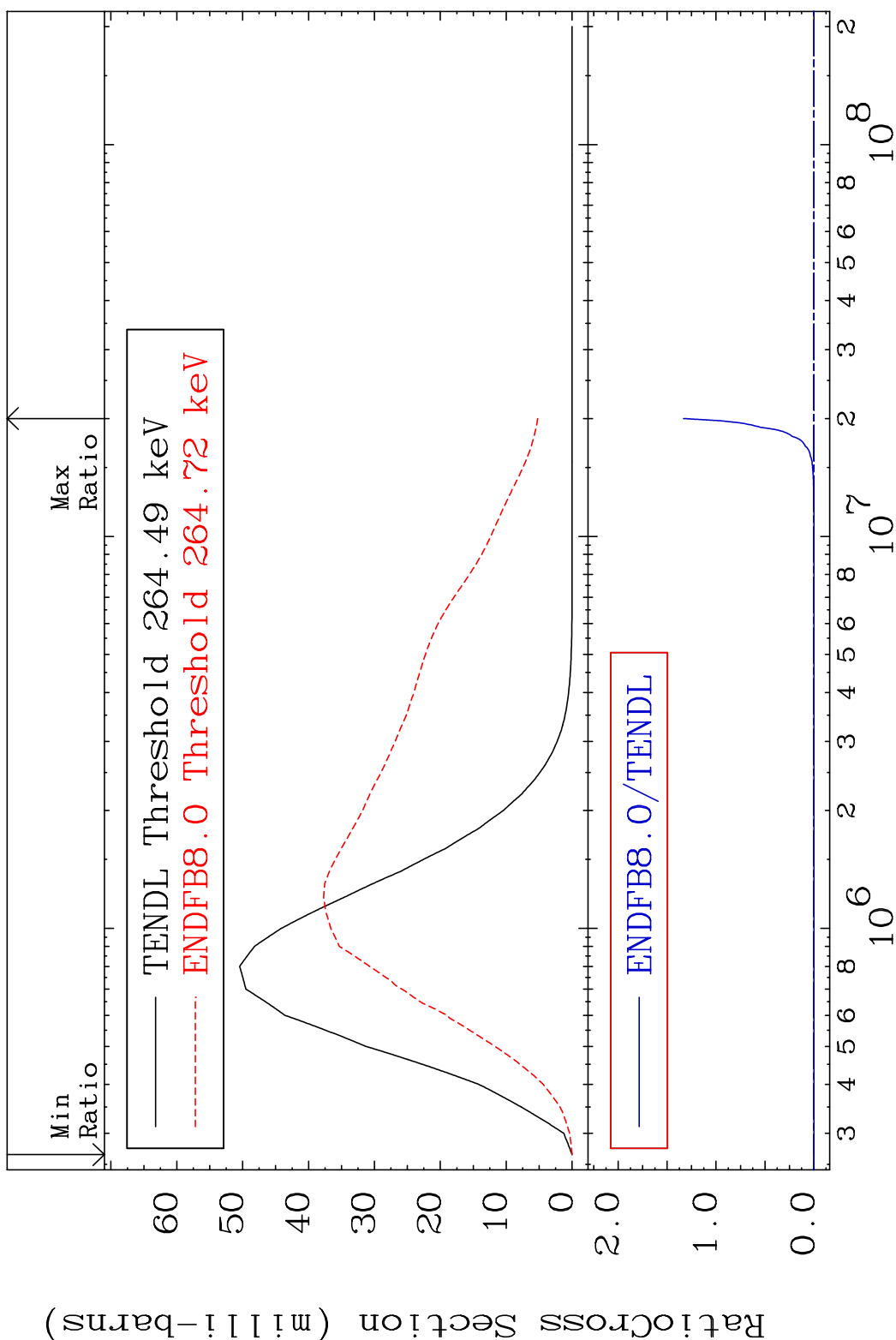
18 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 58 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



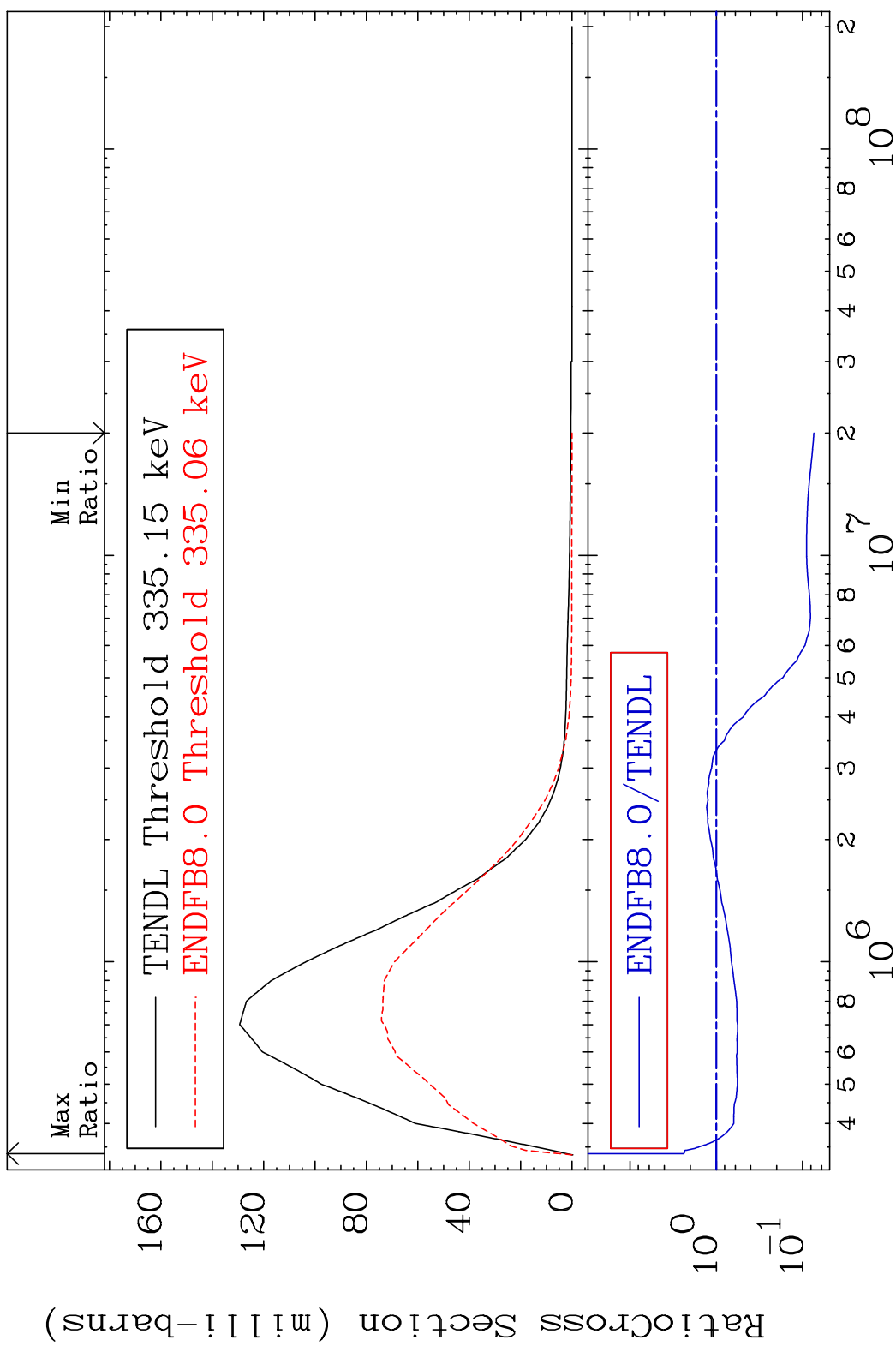
19 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 59 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %

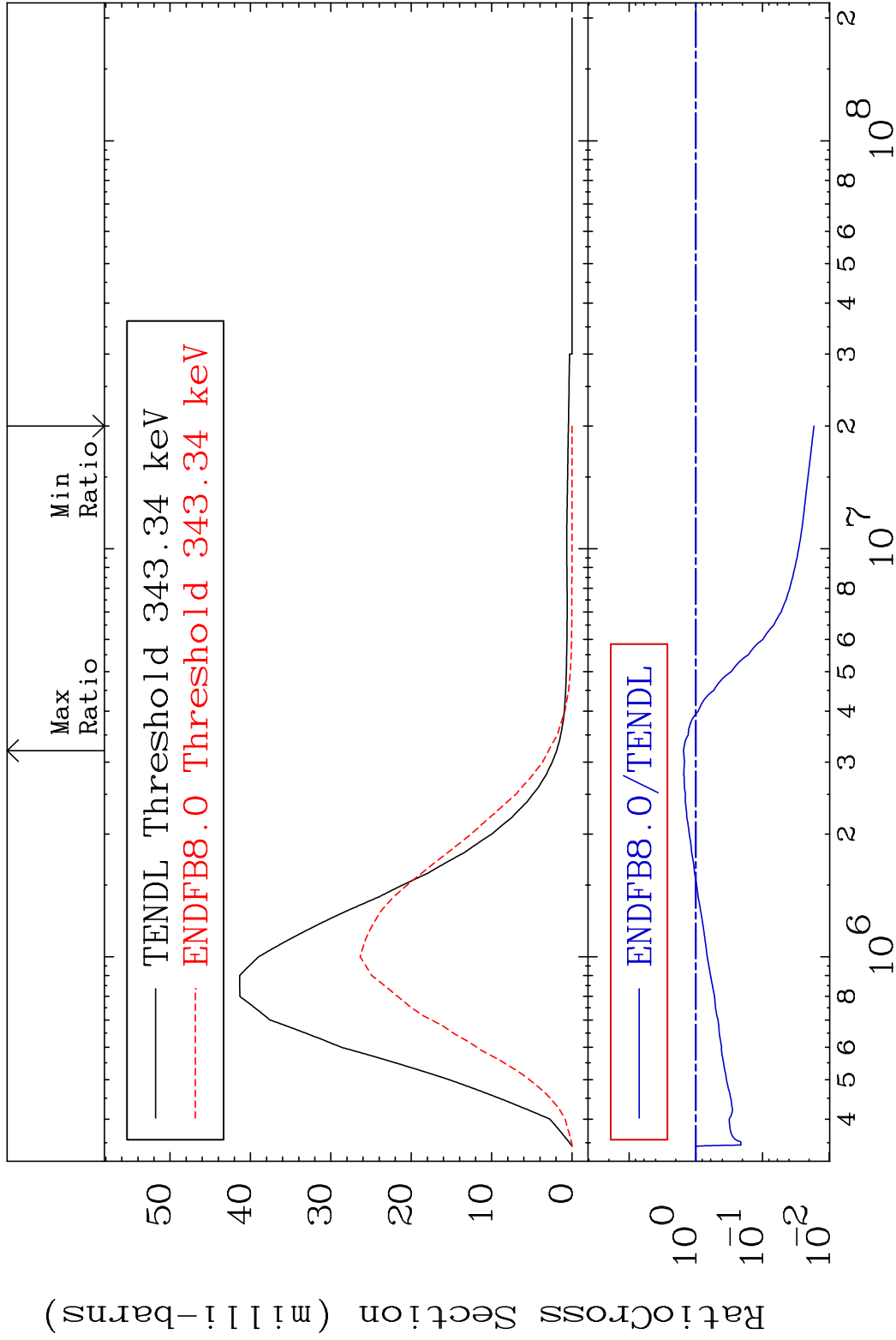


20

MAT 7634 MT= 60 (n, n') Level 76-0s-187
 Cross Section -92.60 To 140.1 %

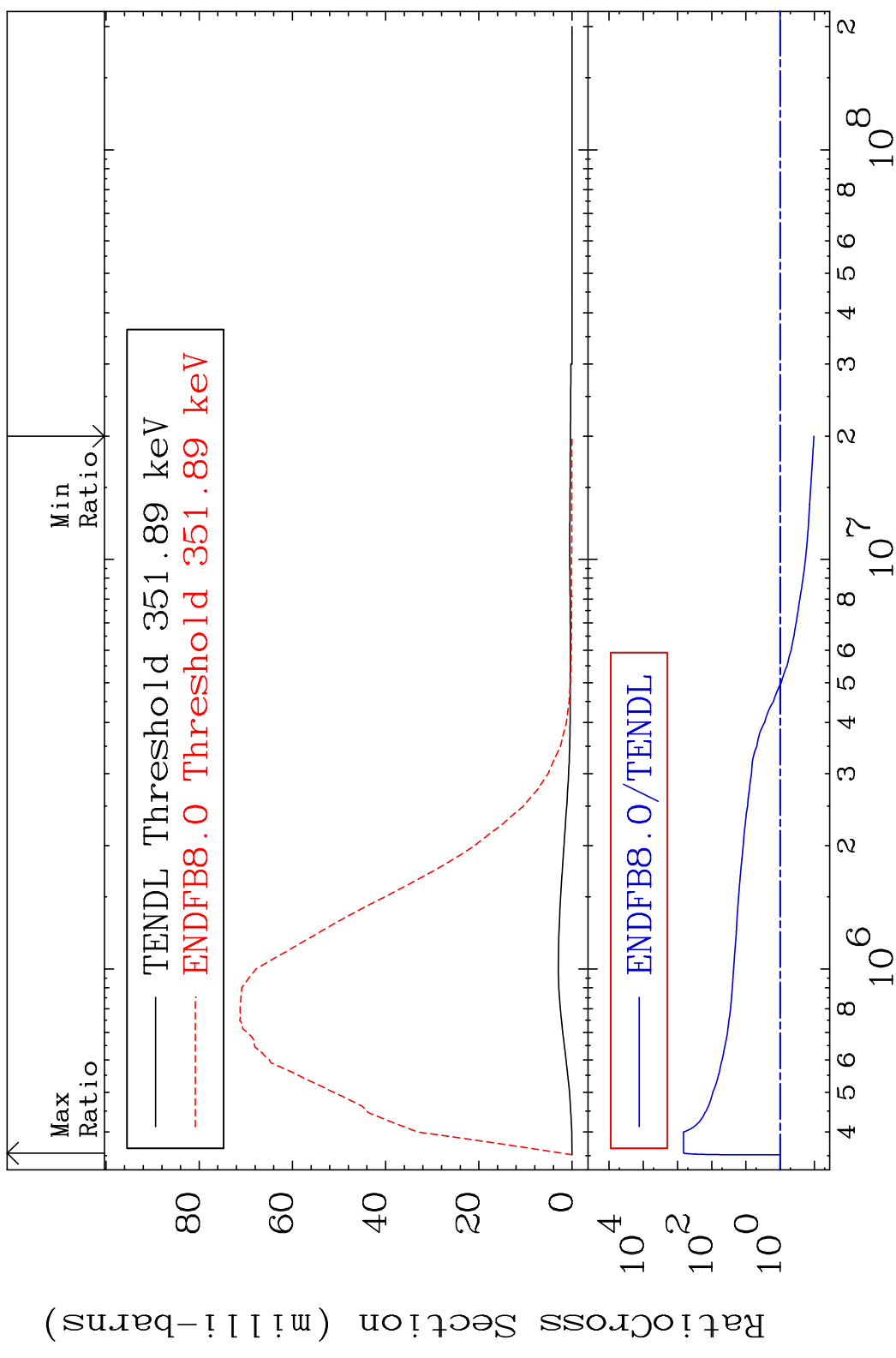


MAT 7634 MT= 61 (n, n') Level 76-0s-187
 Cross Section -98.30 To 53.34 %

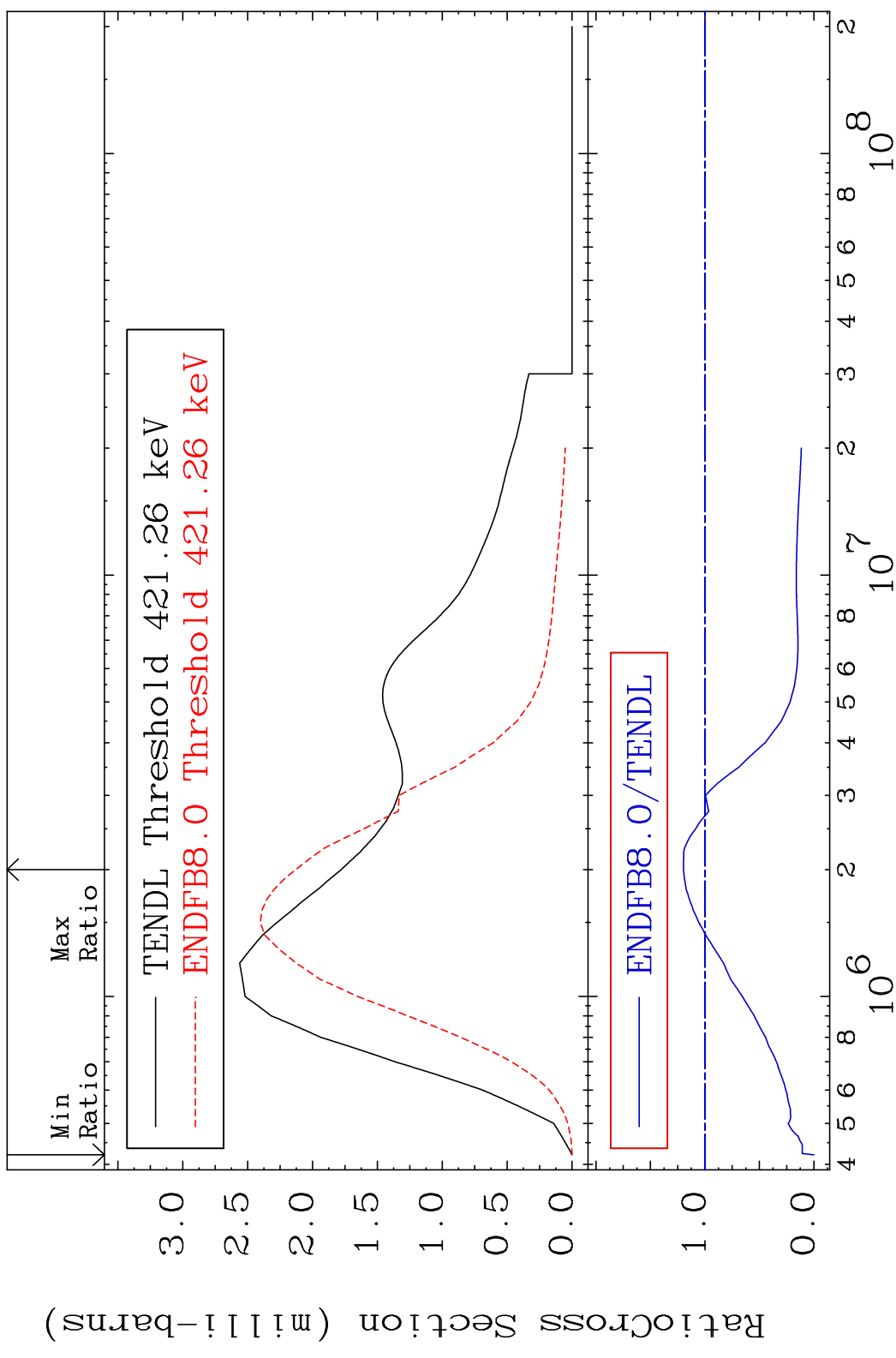


22 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 62 (n, n') Level 76-0s-187
 Cross Section -89.65 To 9999. %

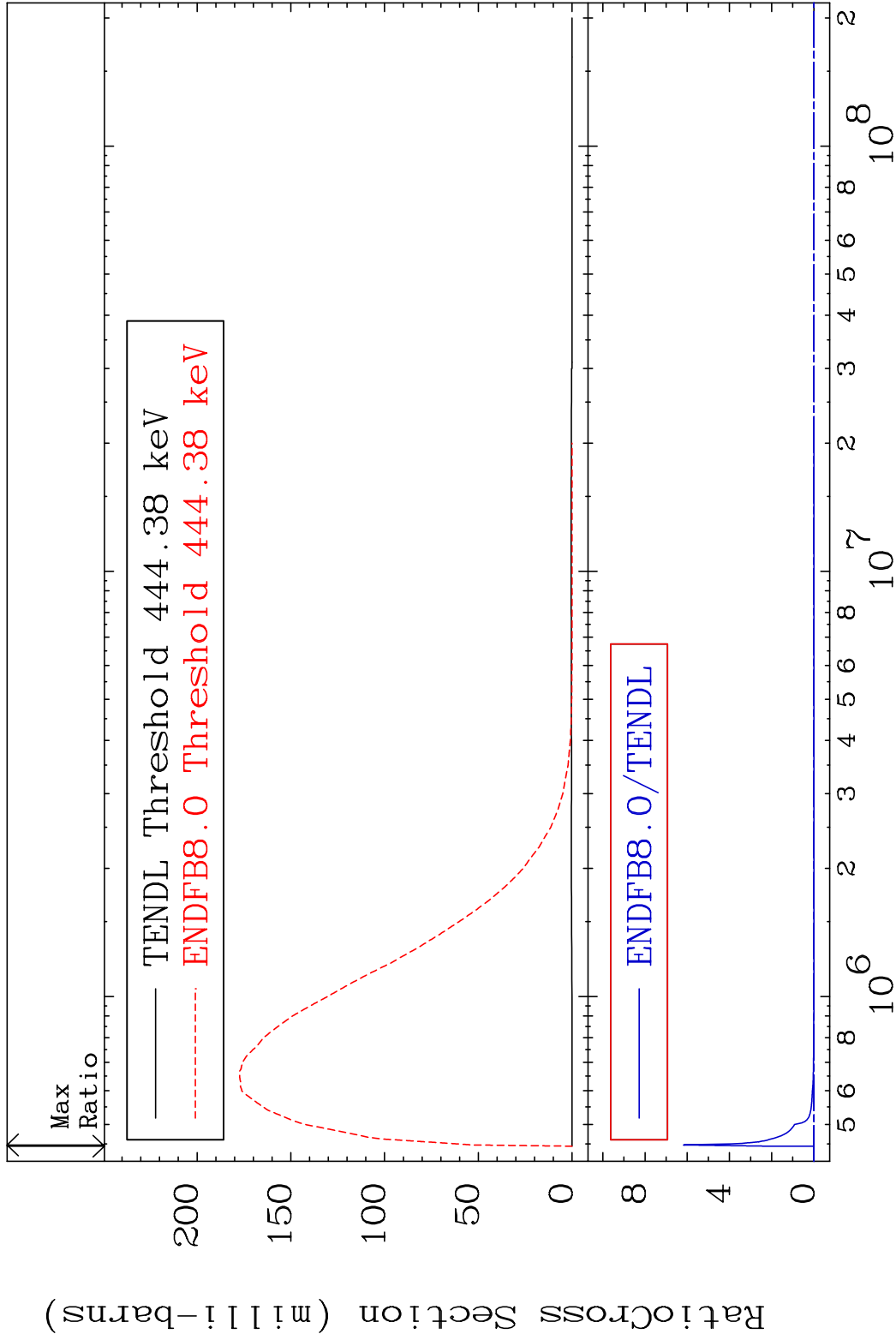


MAT 7634 MT= 63 (n, n') Level 76-0s-187
 Cross Section -100.0 To 19.72 %

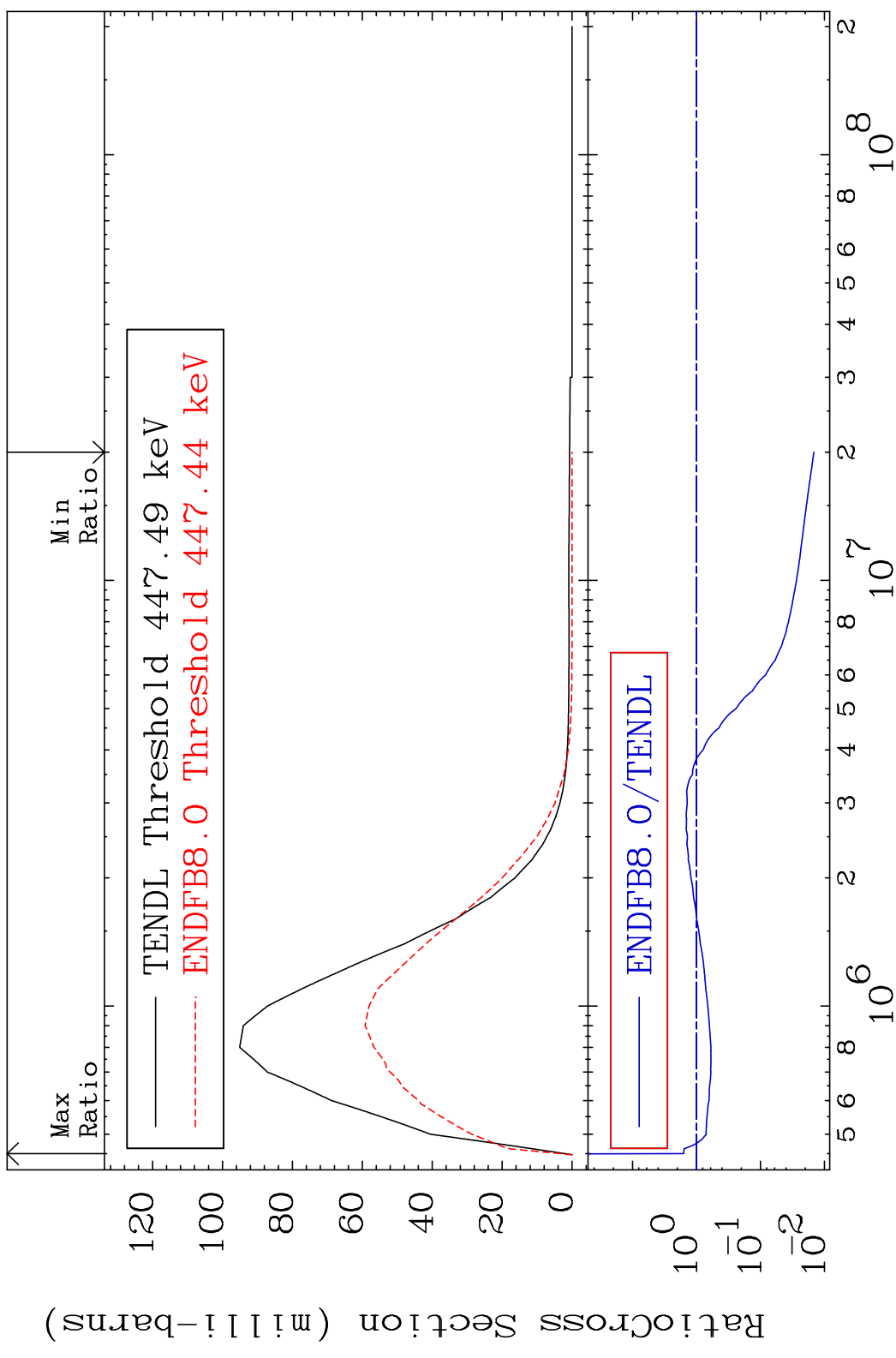


24 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 64 (n, n') Level 76-0s-187
 Cross Section -100.0 To 9999. %



MAT 7634 MT= 65 (n, n') Level 76-0s-187
 Cross Section -98.53 To 60.22 %

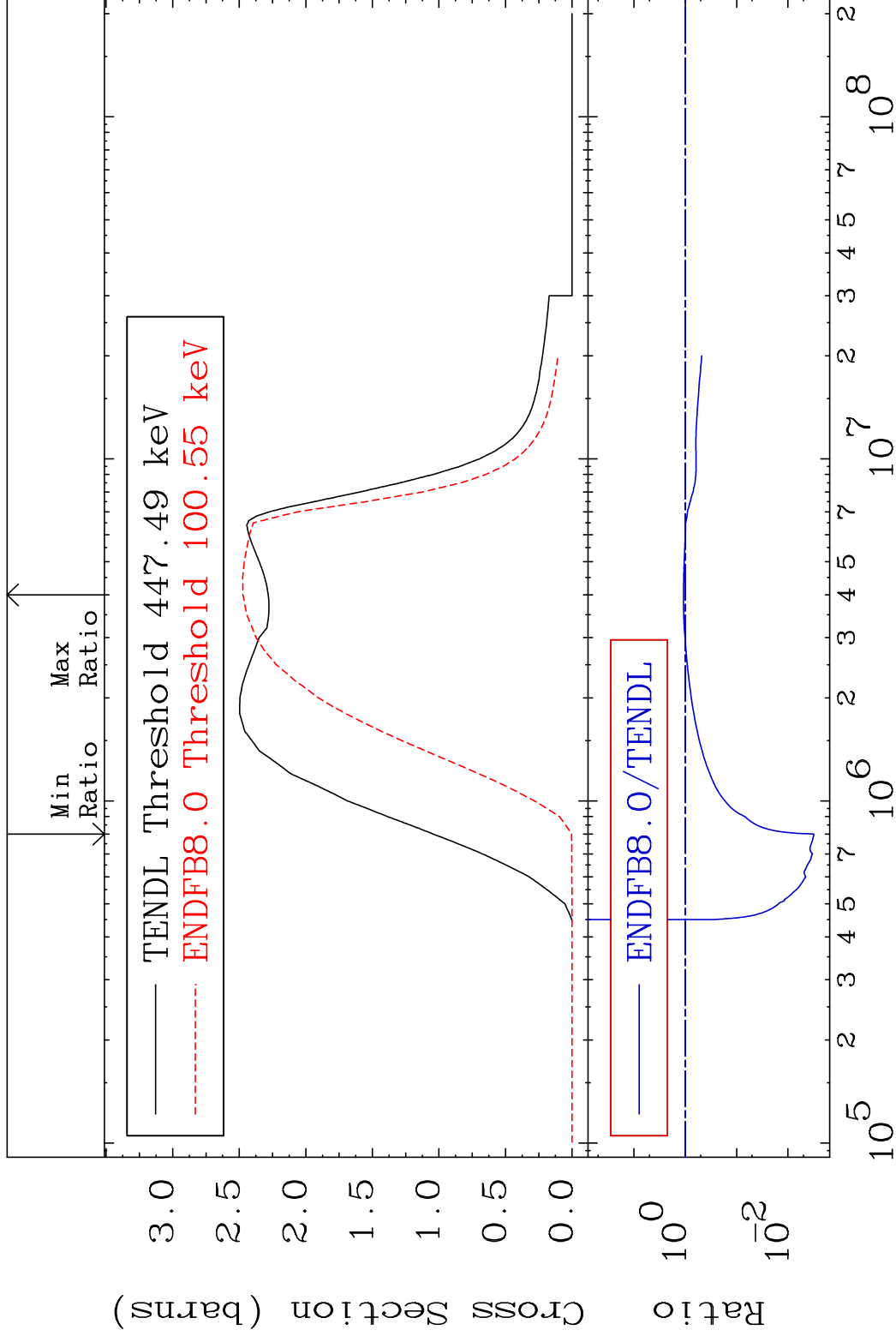


26 Incident Energy (eV) 76-0s-187

MAT 7634

(n, n') Continuum
Cross Section -99.69 To 8.338 %

76-0s-187



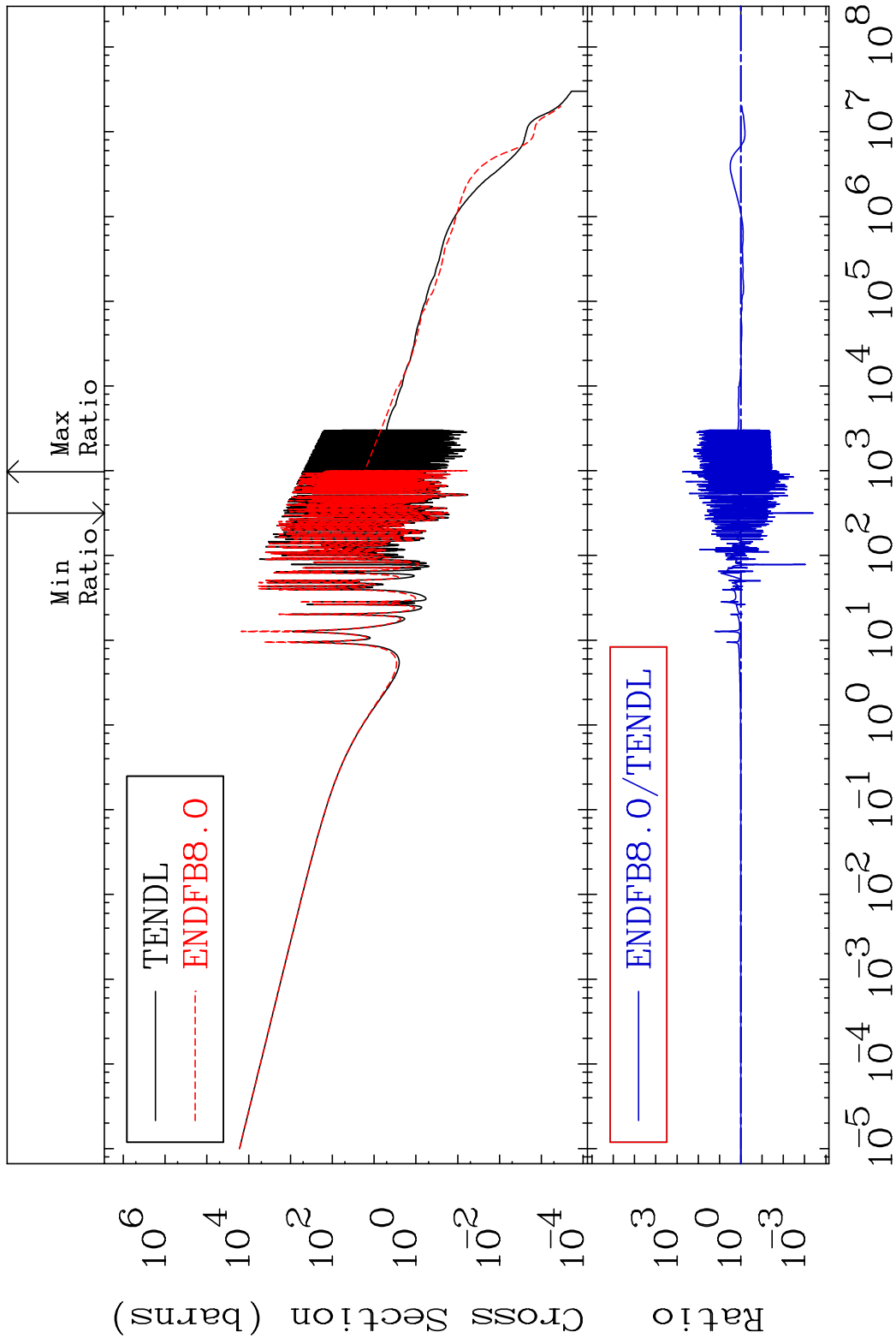
27

Incident Energy (eV)

76-0s-187

MAT 7634

(n, γ)
Cross Section -99.96 To 9999. %
76-0s-187



28

Incident Energy (eV)

76-0s-187

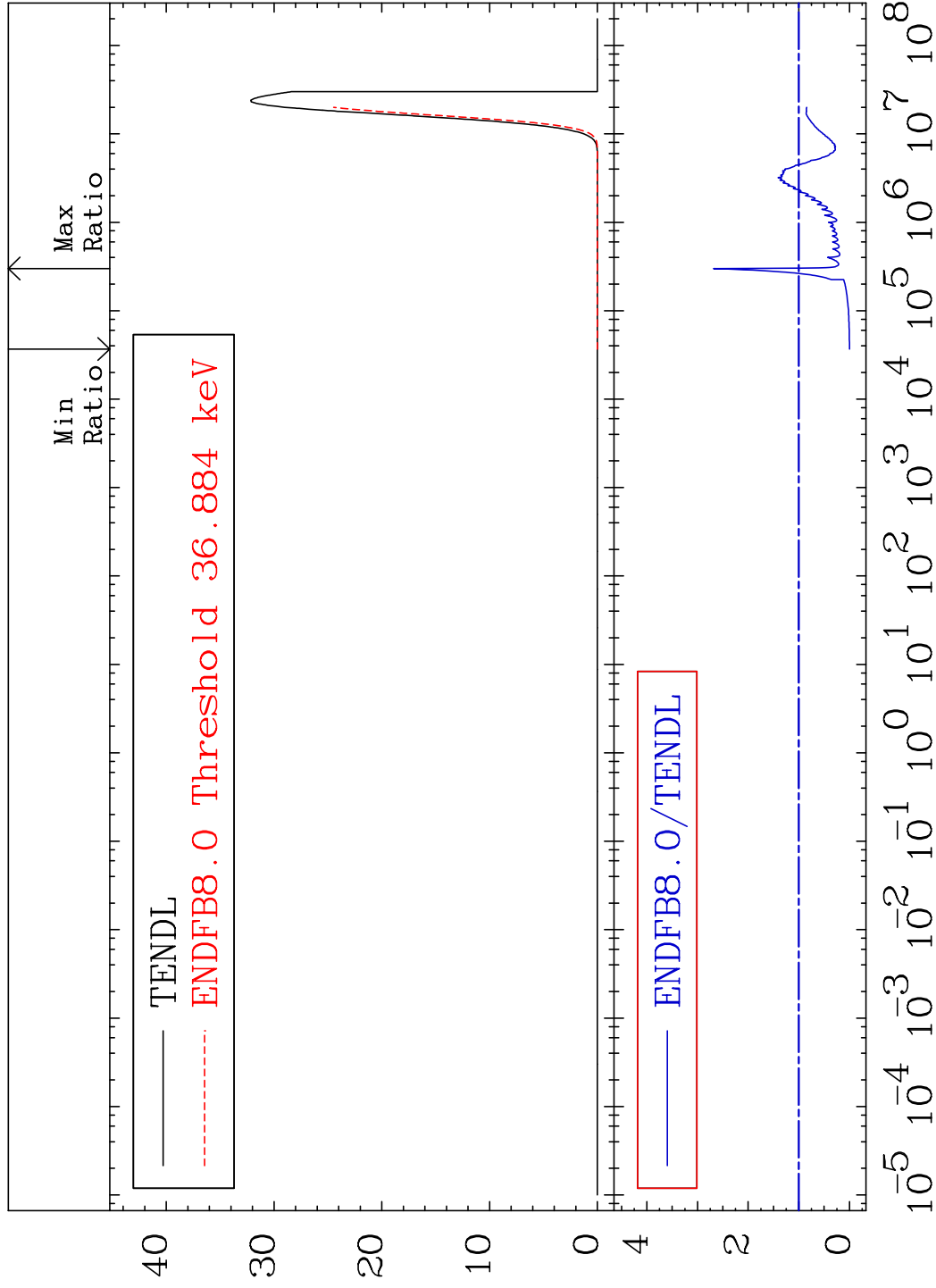
MAT 7634

(n,p)

76-Os-187

Cross Section -100.0 To 168.4 %

RatioCross Section (milli-barns)

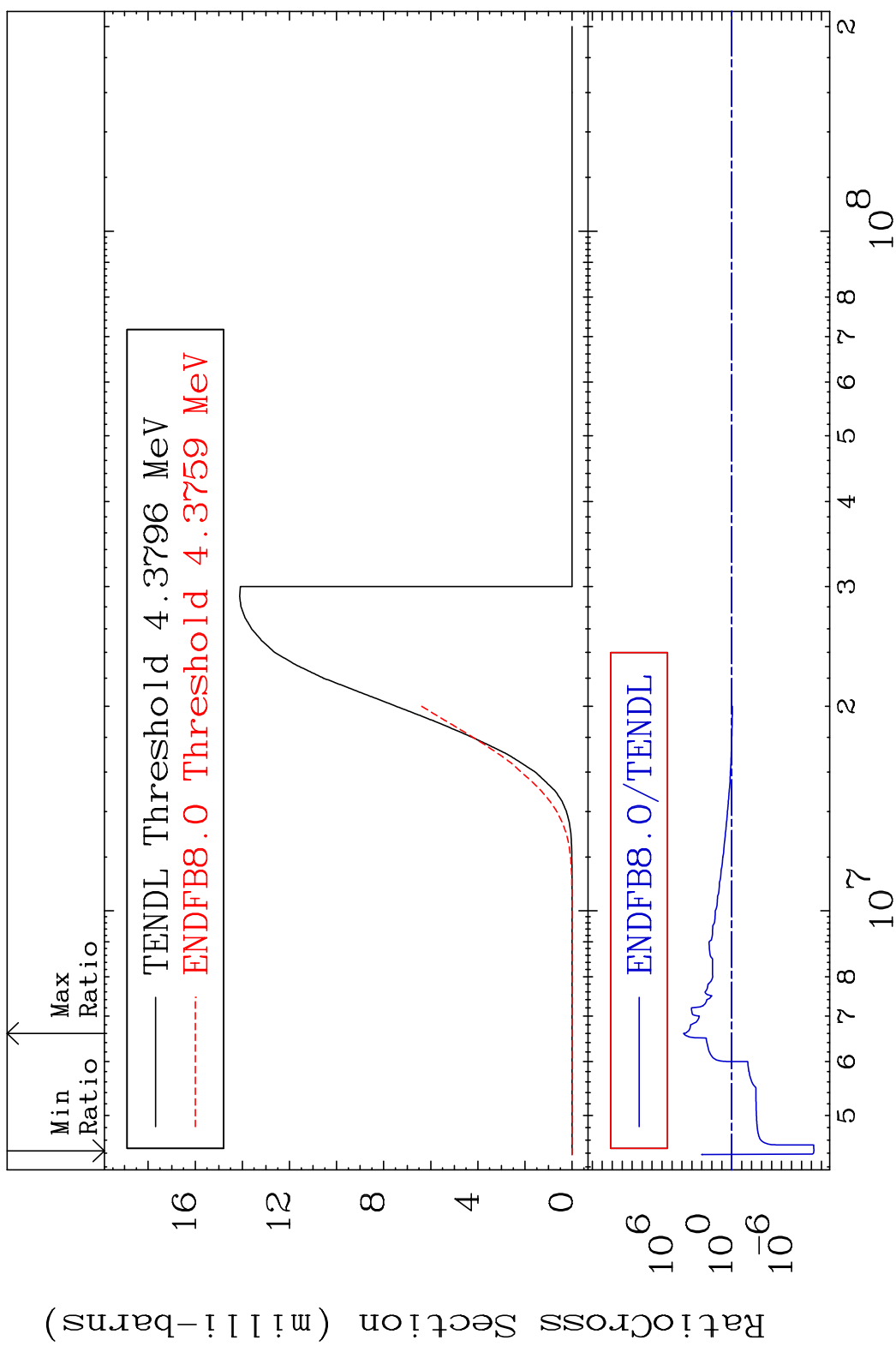


29

Incident Energy (eV)

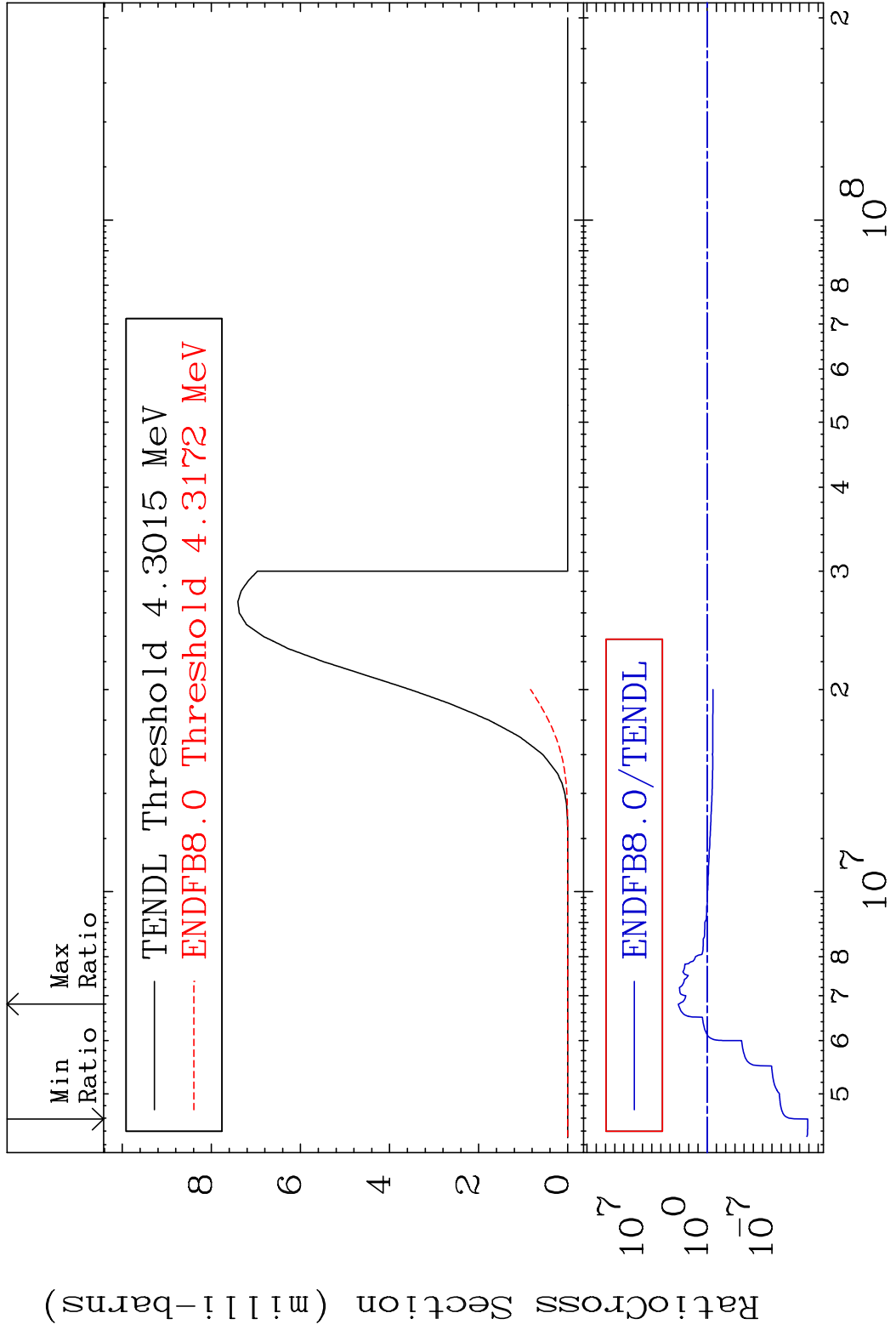
76-Os-187

MAT 7634 (n,d) 76-0s-187
 Cross Section -100.0 To 9999. %

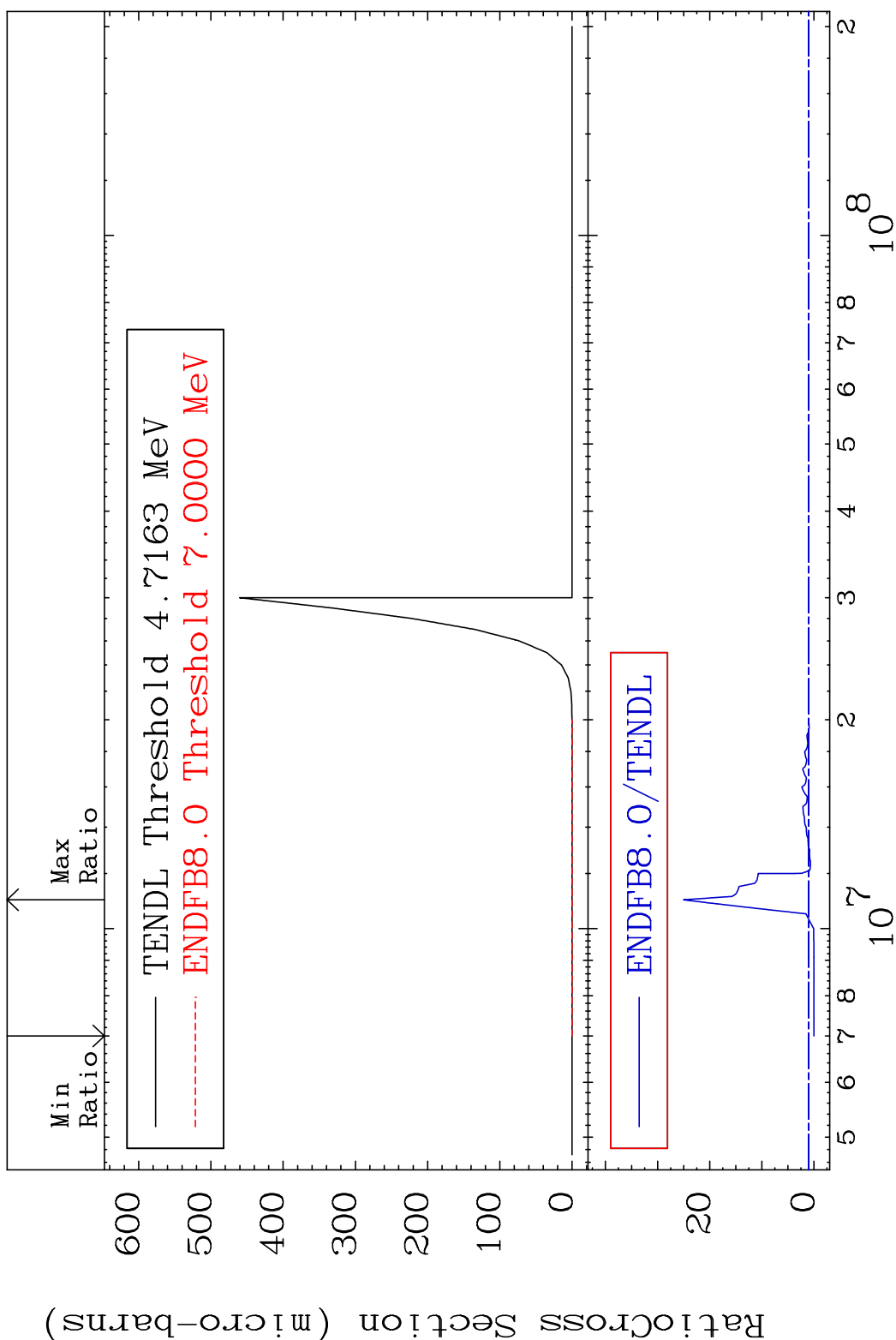


30 Incident Energy (eV) 76-0s-187

MAT 7634 (n, t) 76-0s-187
 Cross Section -100.0 To 9999. %



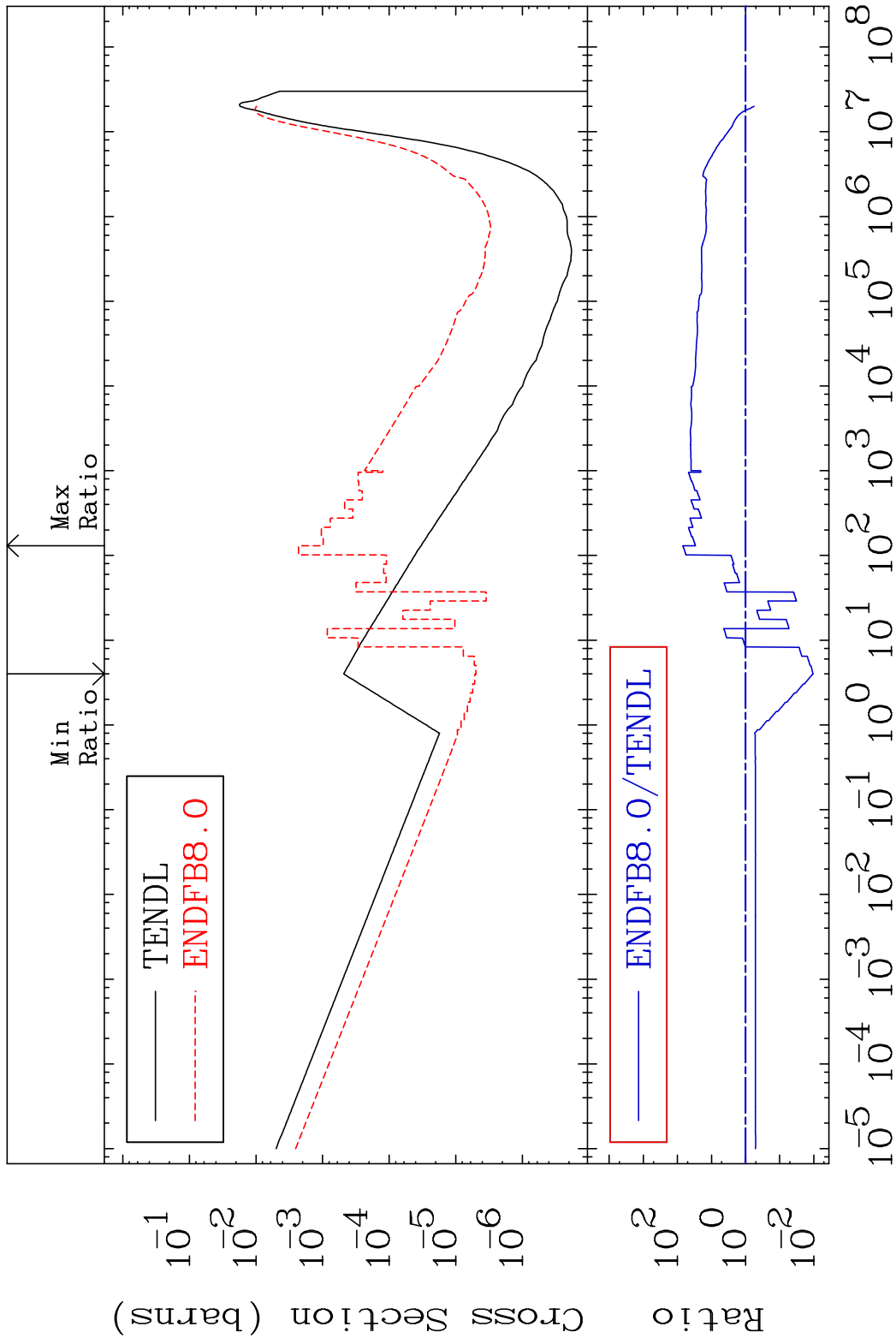
MAT 7634 (n, He-3) 76-Os-187
 Cross Section -100.0 To 2403. %



32 76-Os-187

MAT 7634

(n, α)
Cross Section -98.96 To 6841. %
76-0s-187



33

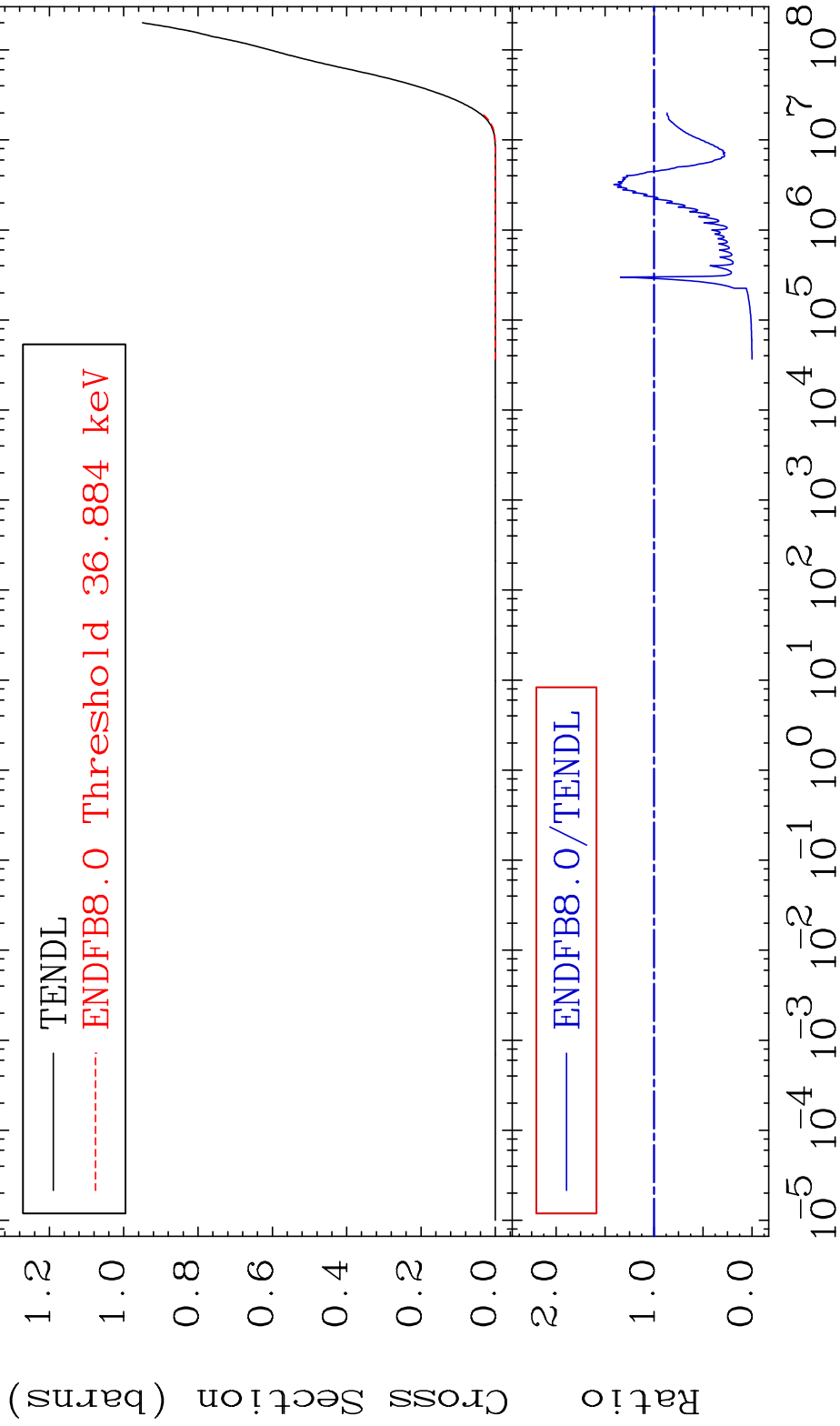
Incident Energy (eV)

76-0s-187

MAT 7634

Hydrogen Production
Cross Section -100.0 To 41.30 %

76-Os-187

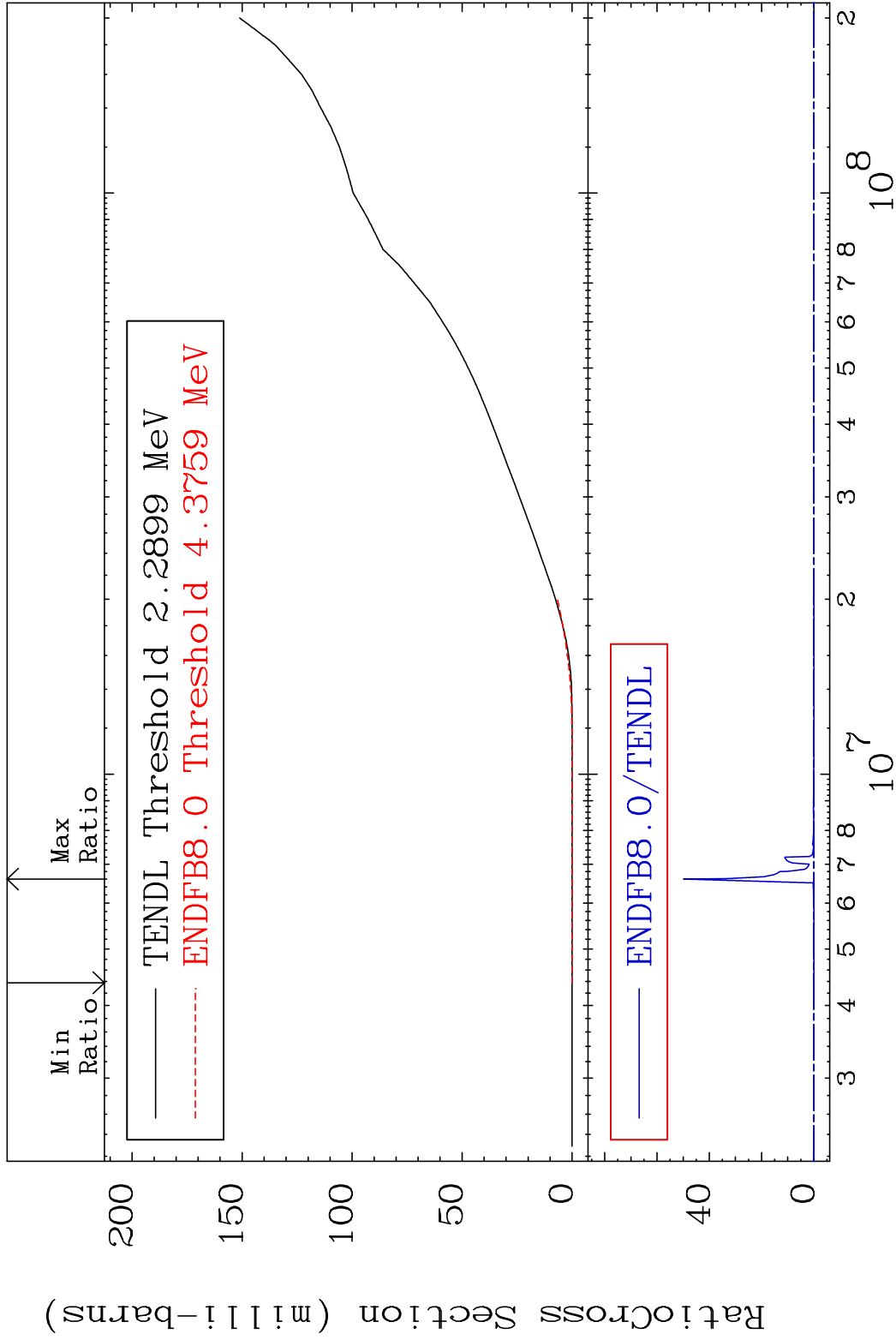


34

Incident Energy (eV)

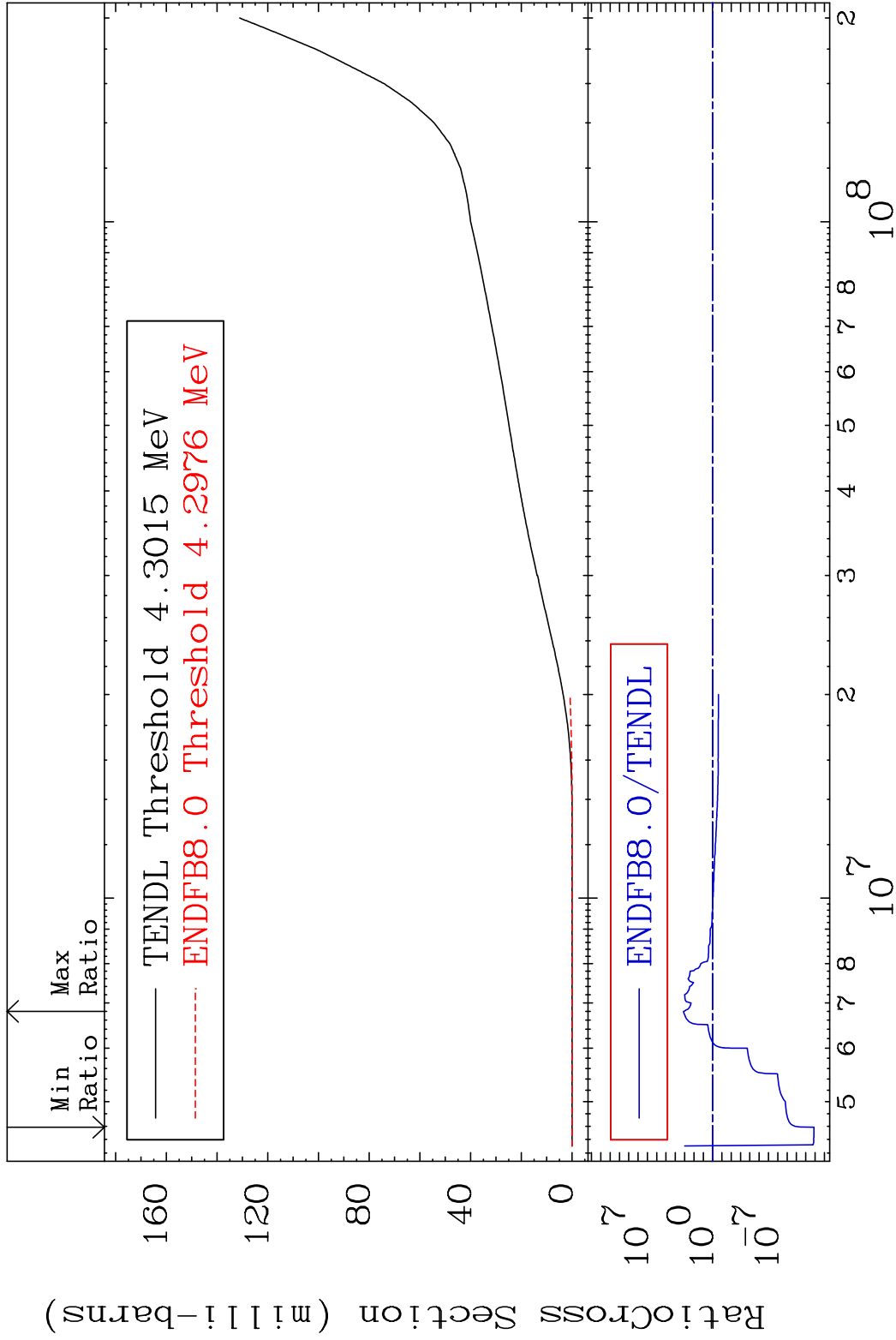
76-Os-187

MAT 7634 Deuterium Production 76-0s-187
 Cross Section -100.0 To 9999. %



35 76-0s-187

MAT 7634 Tritium Production 76-Os-187
 Cross Section -100.0 To 9999. %



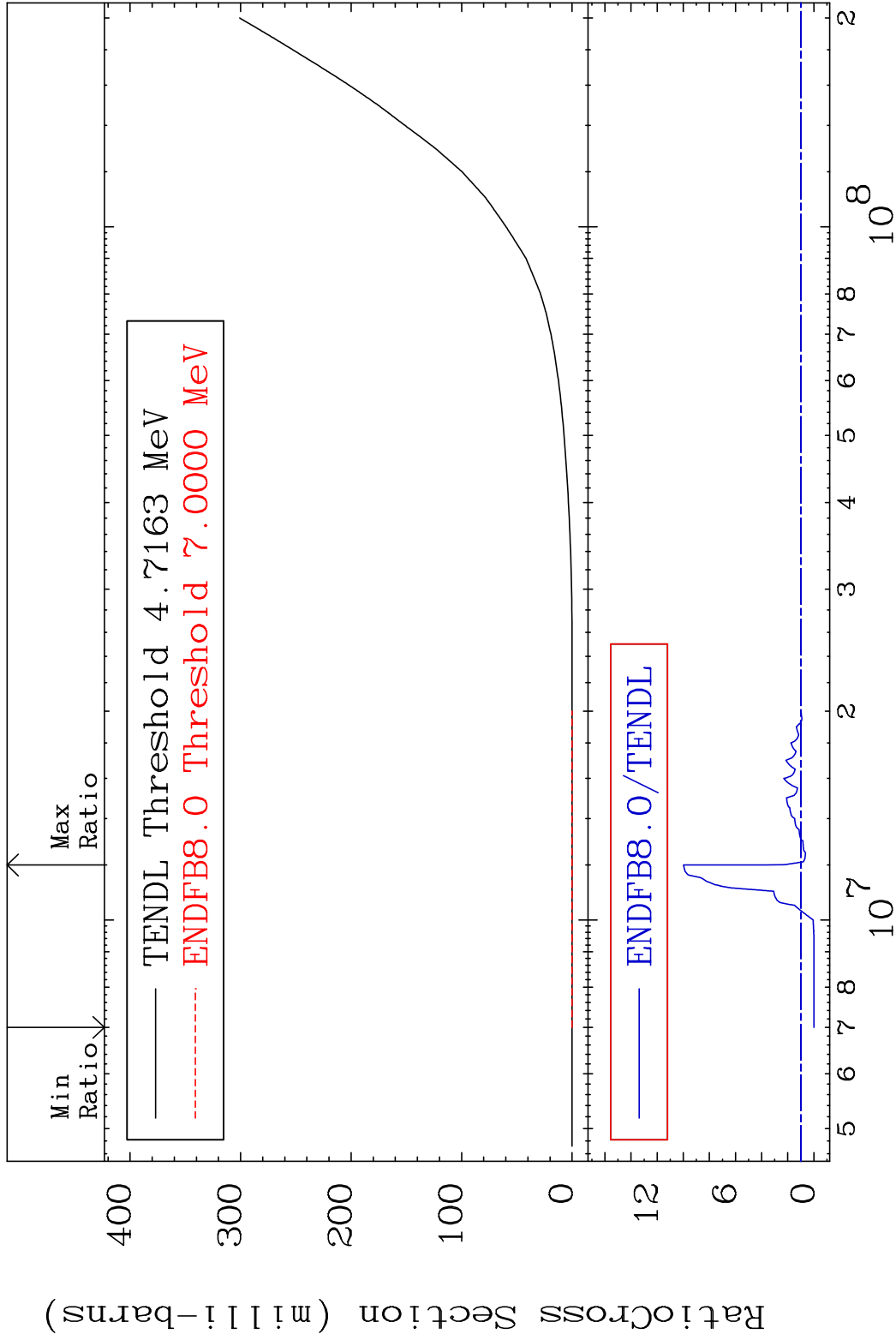
36 Incident Energy (eV) 76-Os-187

MAT 7634

He-3 Production

76-Os-187

Cross Section -100.0 To 898.6 %

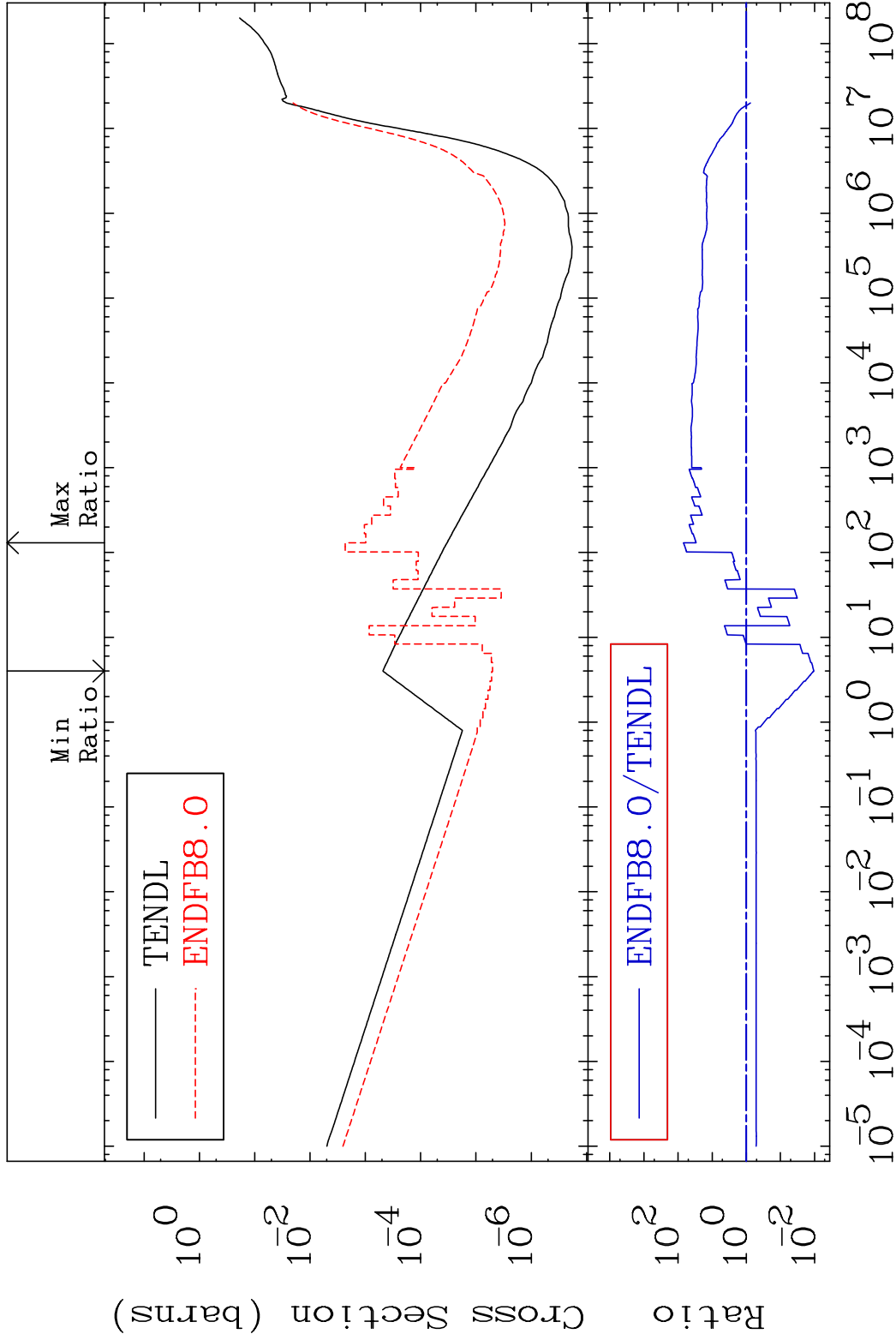


37

Incident Energy (eV)

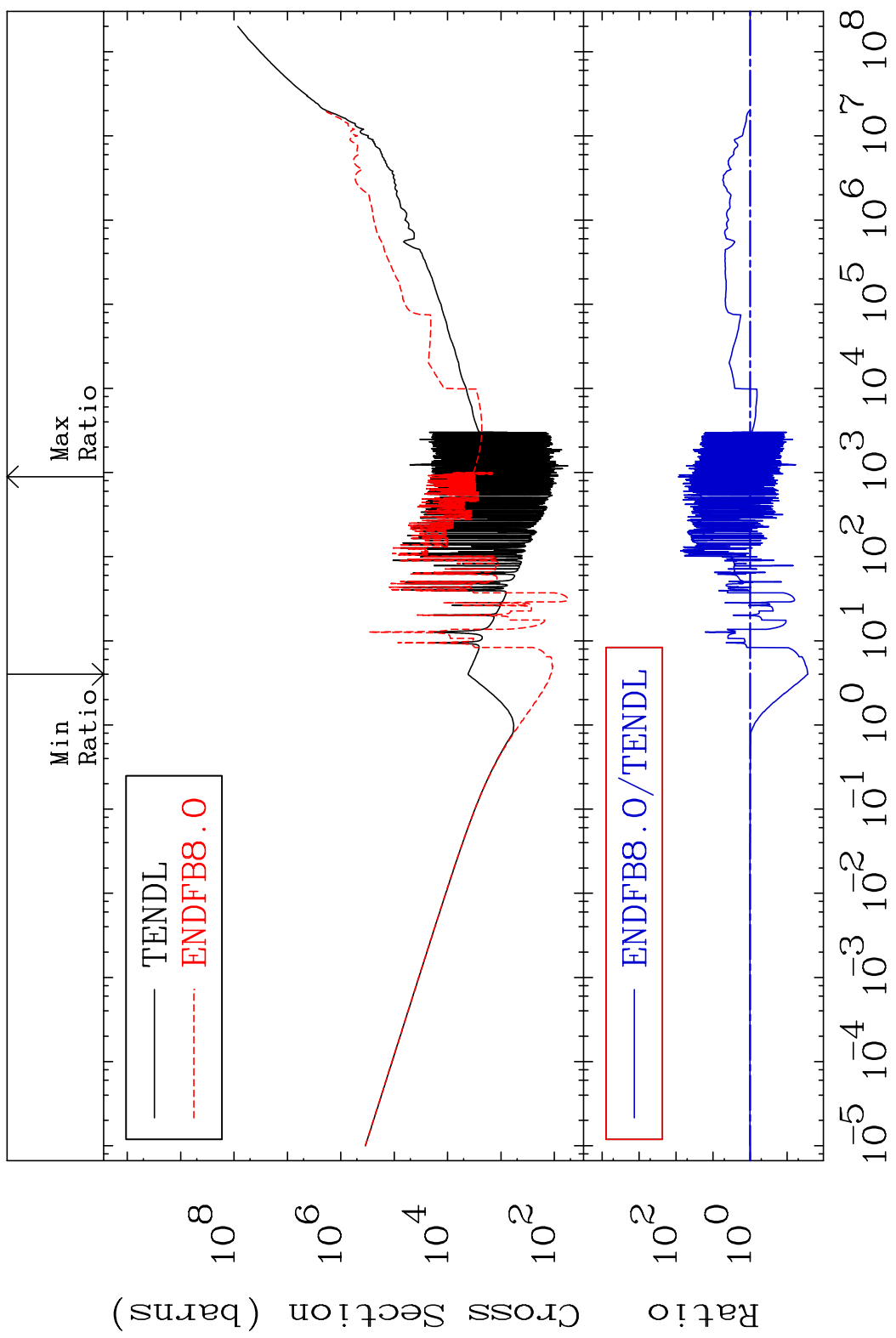
76-Os-187

MAT 7634 He-4 Production 76-0s-187
 Cross Section -98.96 To 6841. %



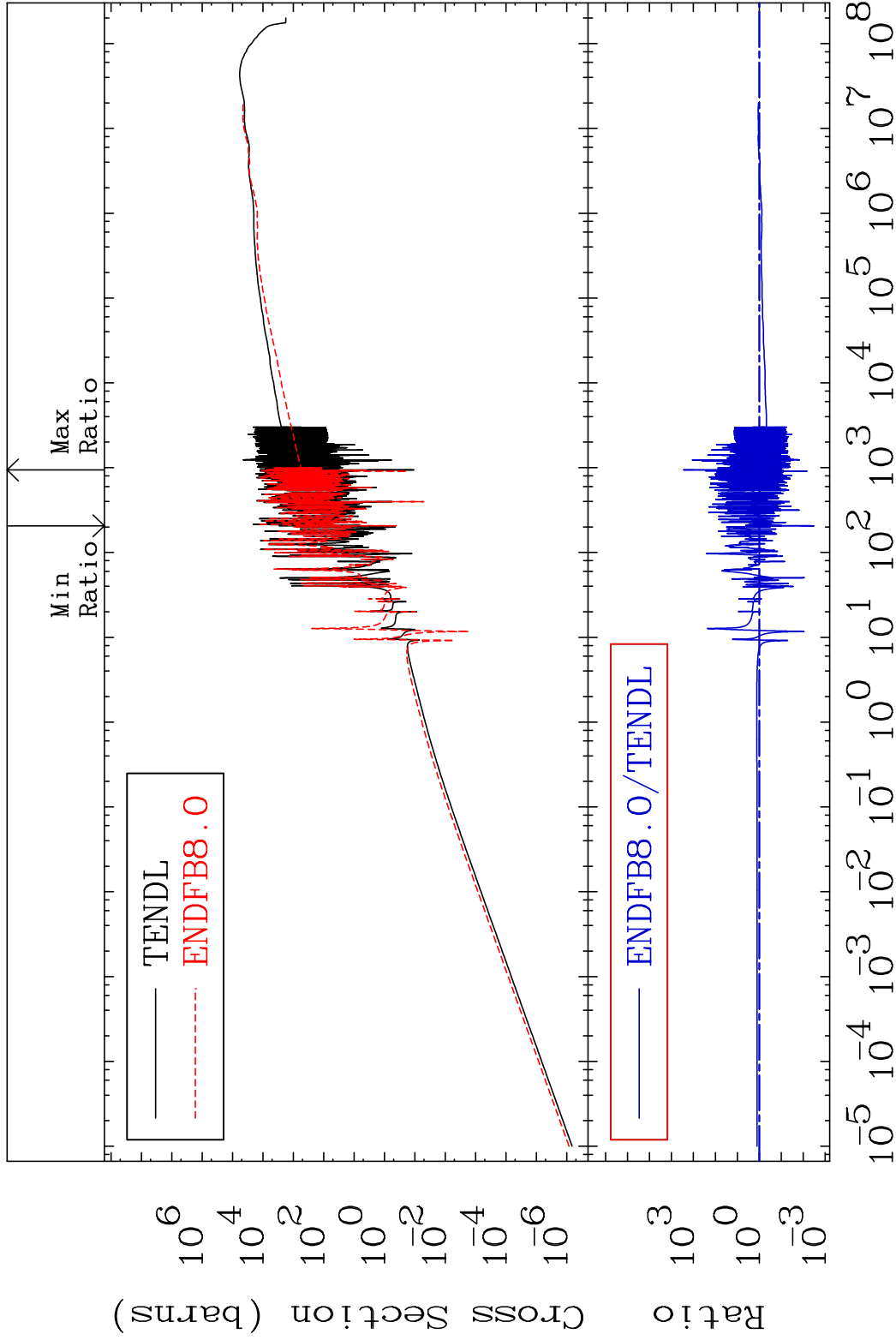
38 Incident Energy (eV) 76-0s-187

MAT 7634 Kerma total (eV-barns) 76-0s-187
 Cross Section -97.22 To 8619. %



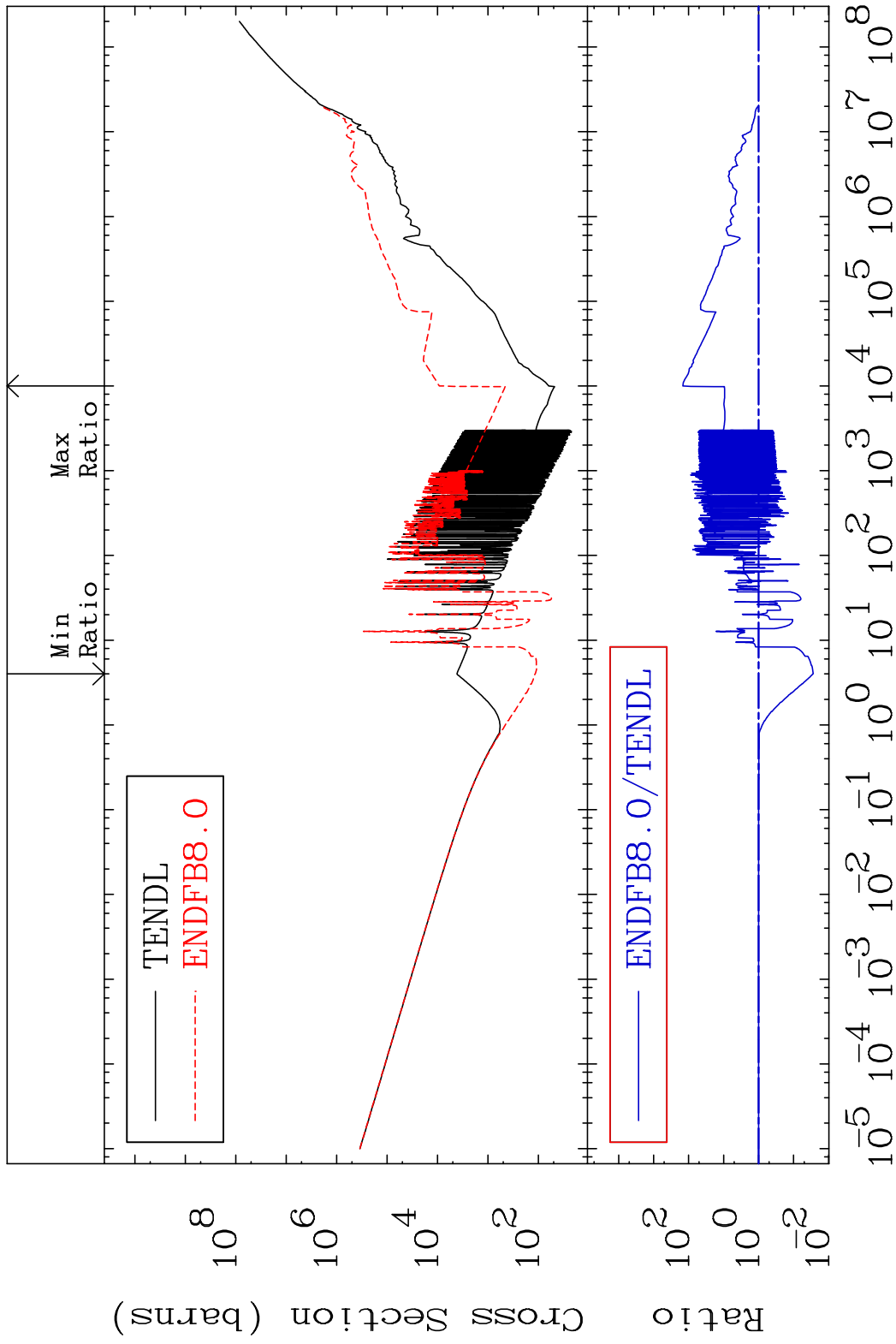
39 Incident Energy (eV) 76-0s-187

MAT 7634 Kerma elastic Cross Section -99.67 To 9999. % 76-0s-187



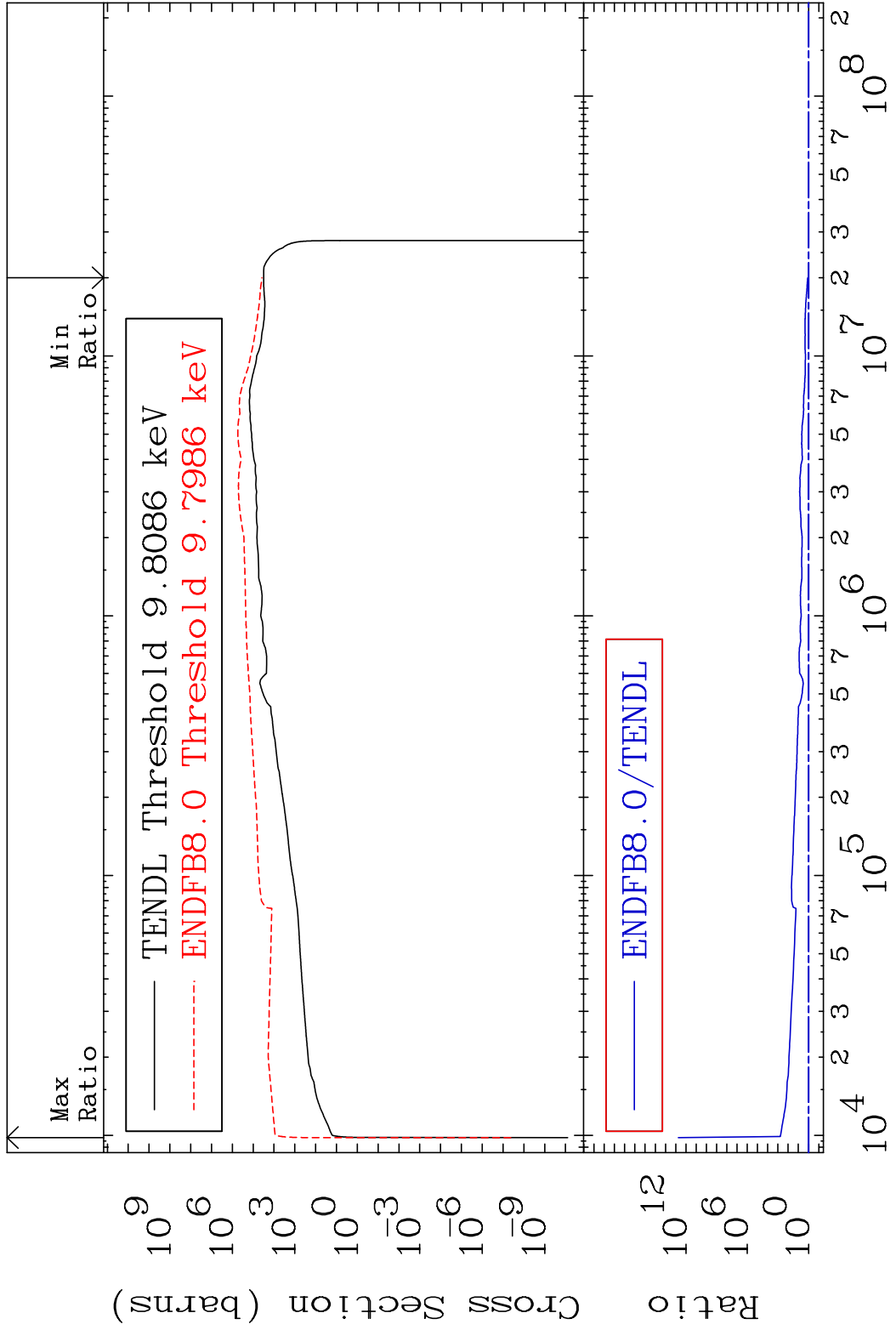
40 Incident Energy (eV) 76-0s-187

MAT 7634 Kerma non-elastic (all but mt2) 76-0s-187
 Cross Section -97.22 To 9999. %



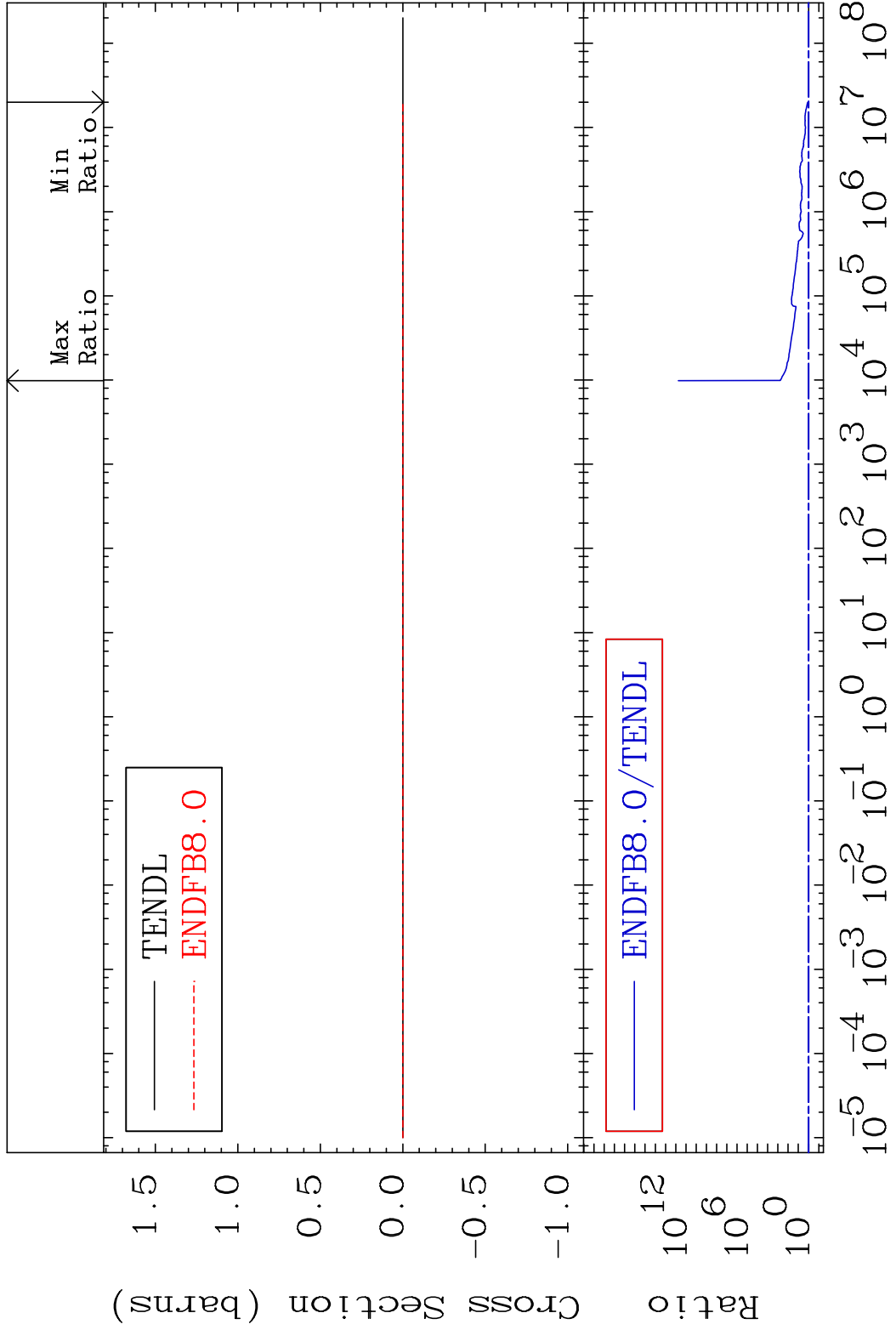
41 Incident Energy (eV) 76-0s-187

MAT 7634 Kerma inelastic (mt51-91) 76-Os-187
 Cross Section 20.98 To 9999. %

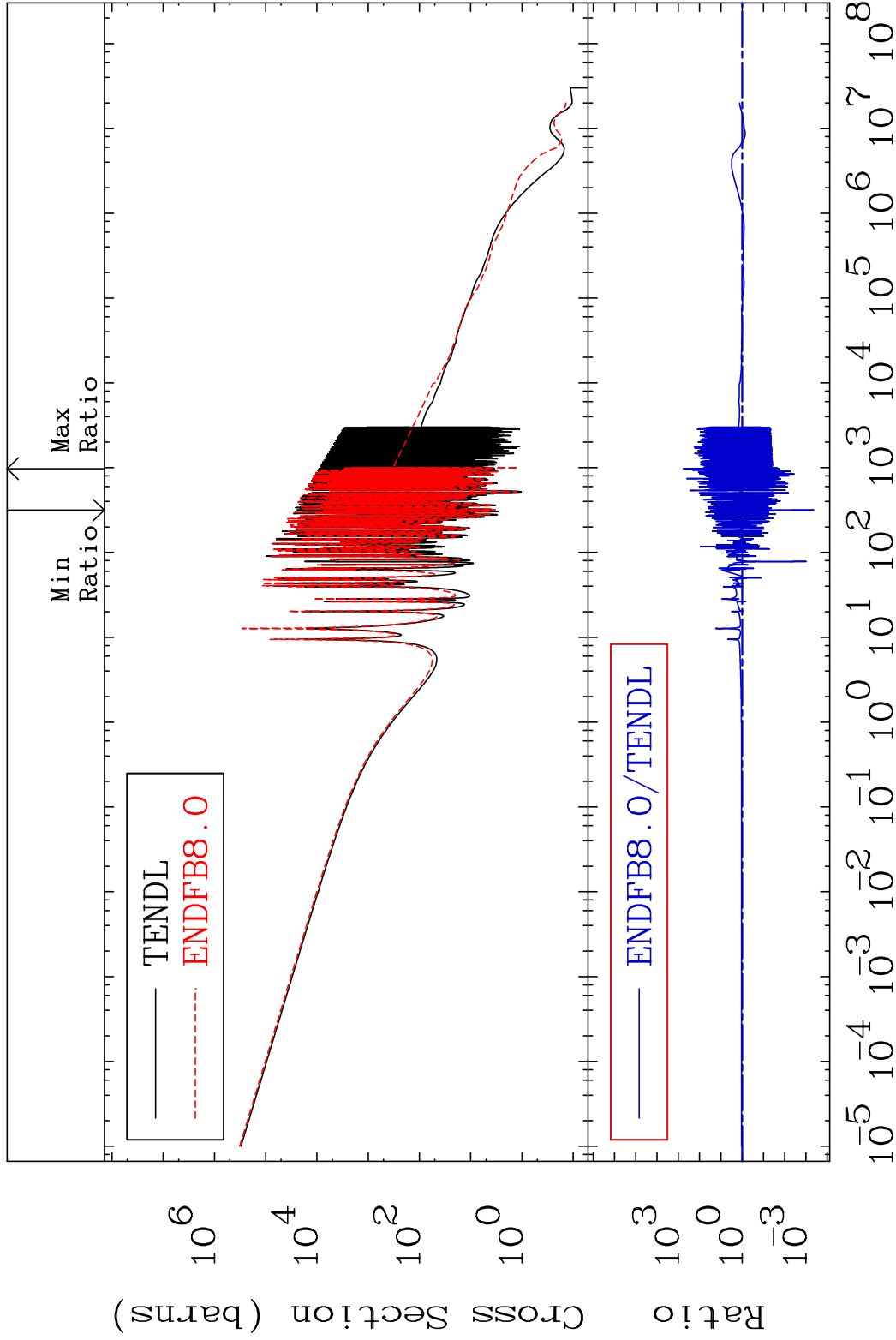


42 Incident Energy (eV) 76-Os-187

MAT 7634 Kerma fission (mt18 or mt19-20-21-38) 76-0s-187
 Cross Section 20.98 To 9999. %

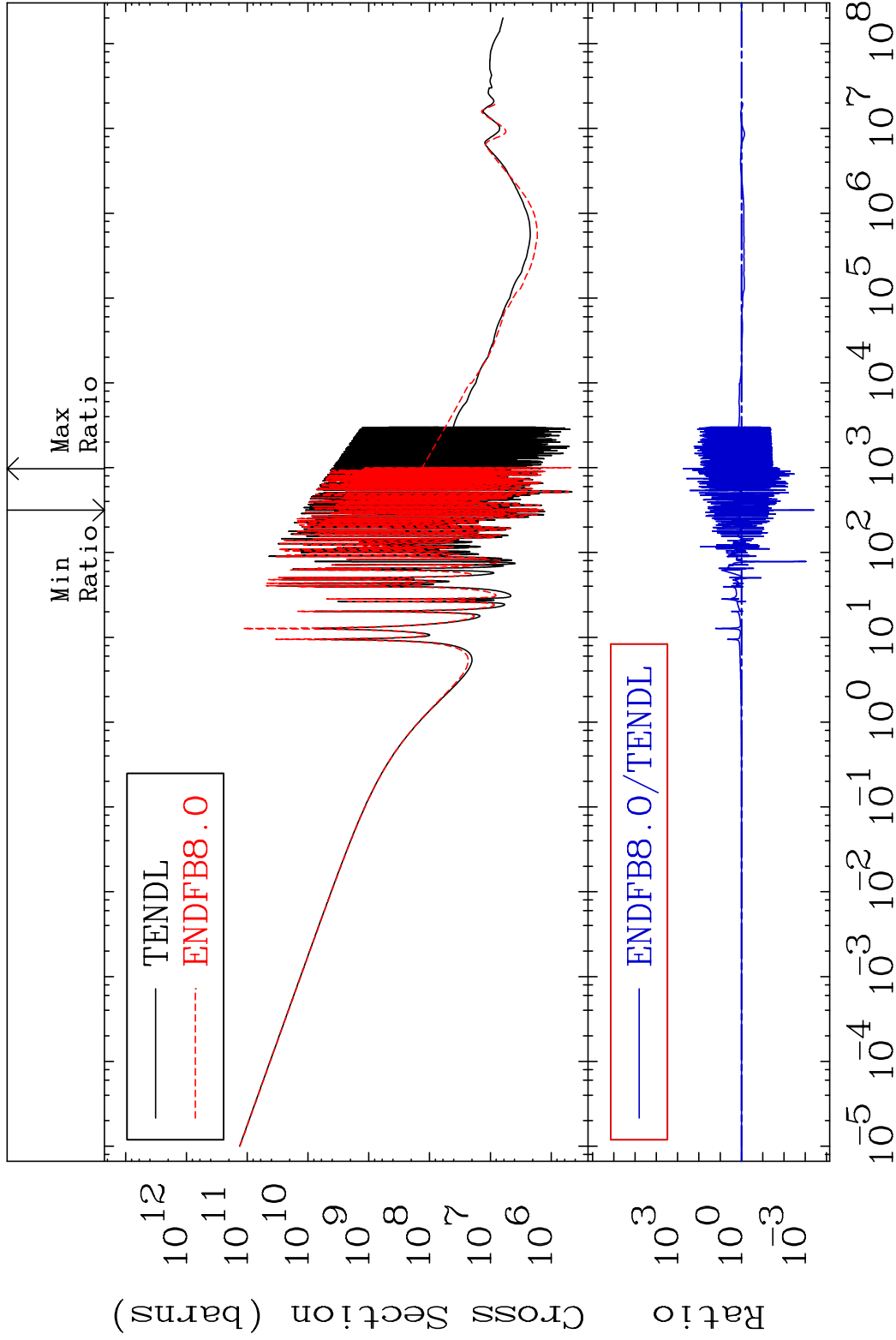


MAT 7634 Kerma capture (mt102) 76-0s-187
 Cross Section -99.96 To 9999. %



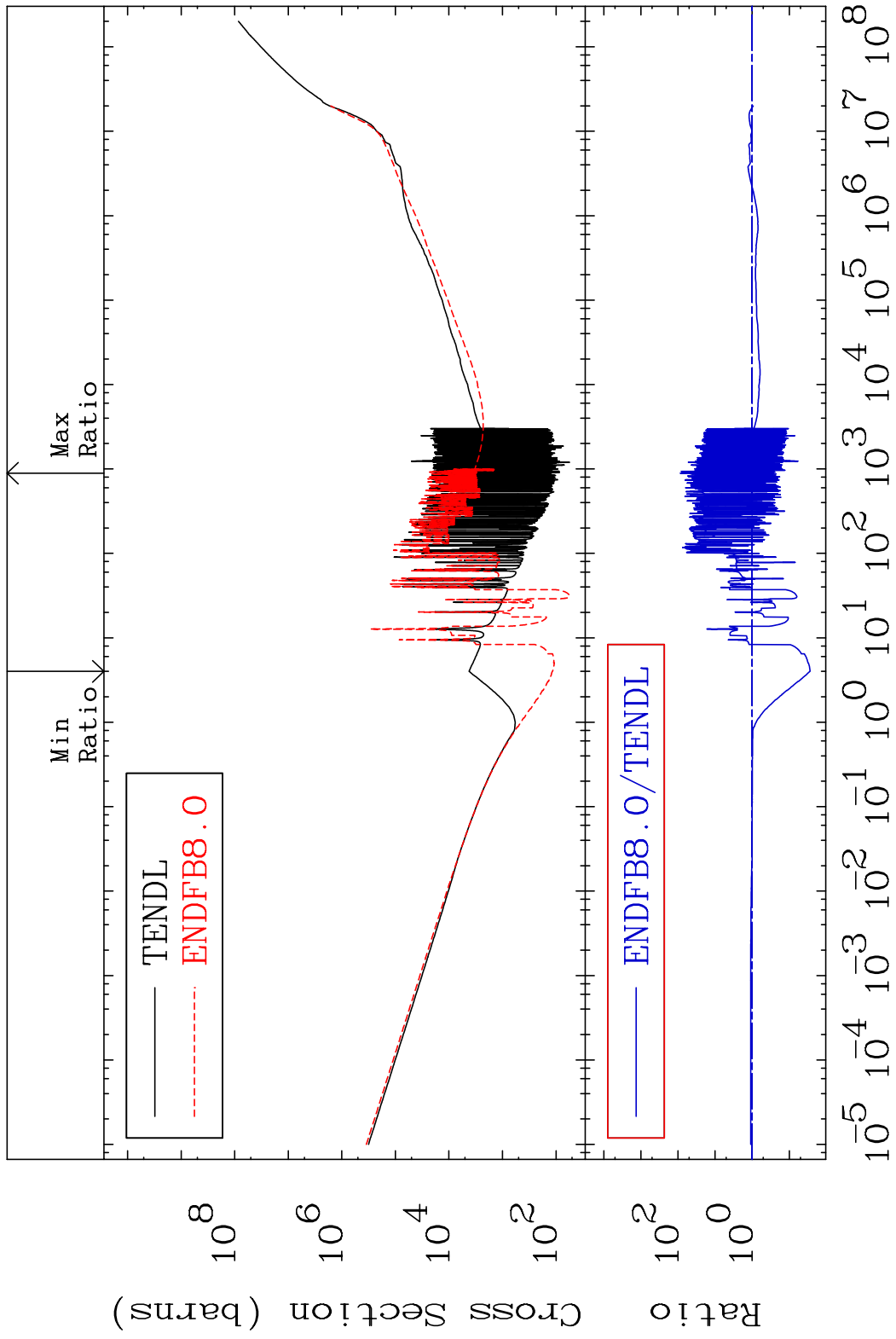
44 Incident Energy (eV) 76-0s-187

MAT 7634 Total photon (eV-barns) 76-0s-187
 Cross Section -99.96 To 9999. %



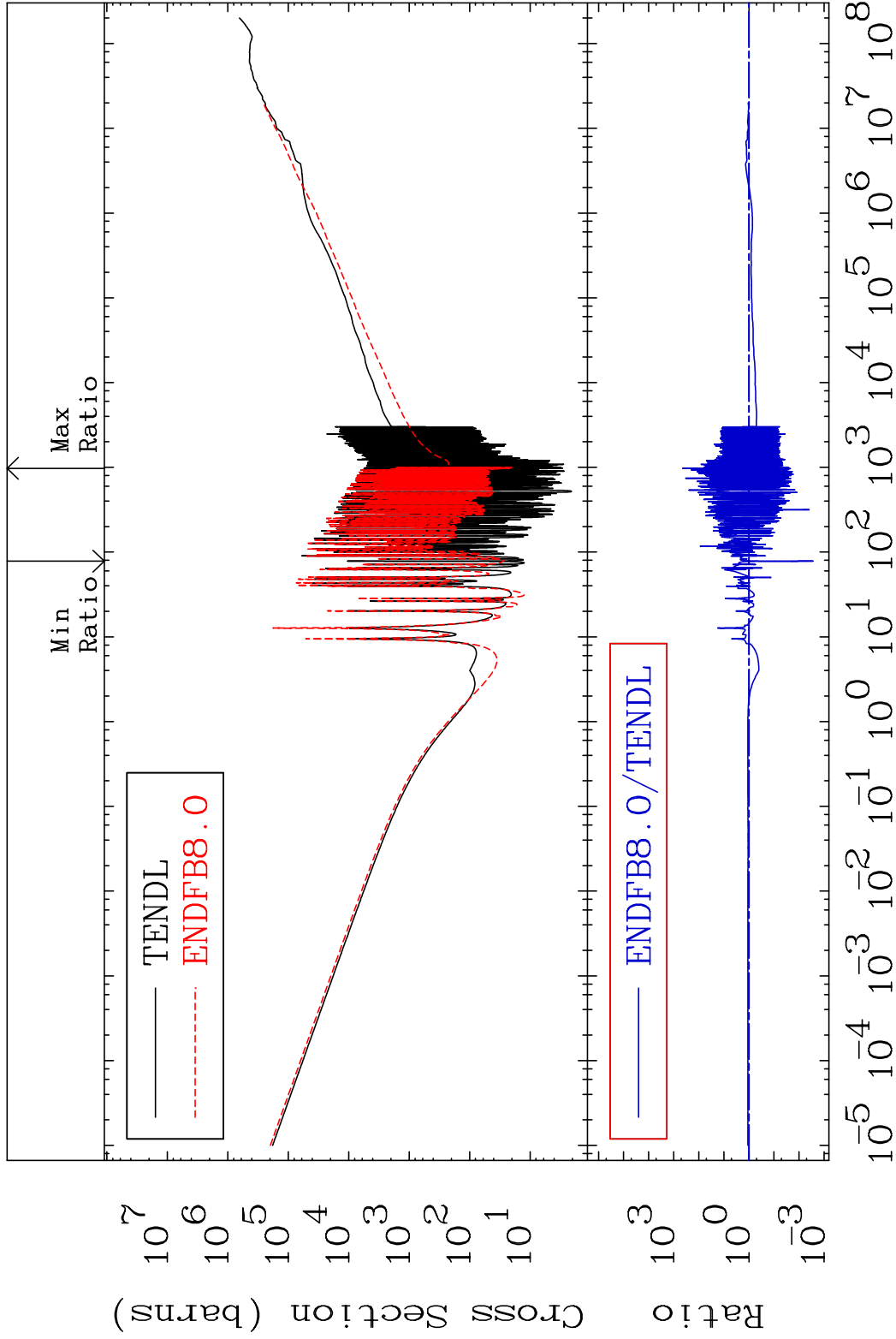
45 Incident Energy (eV) 76-0s-187

MAT 7634 Total kinematic kerma (high limit) 76-0s-187
 Cross Section -97.24 To 8597. %



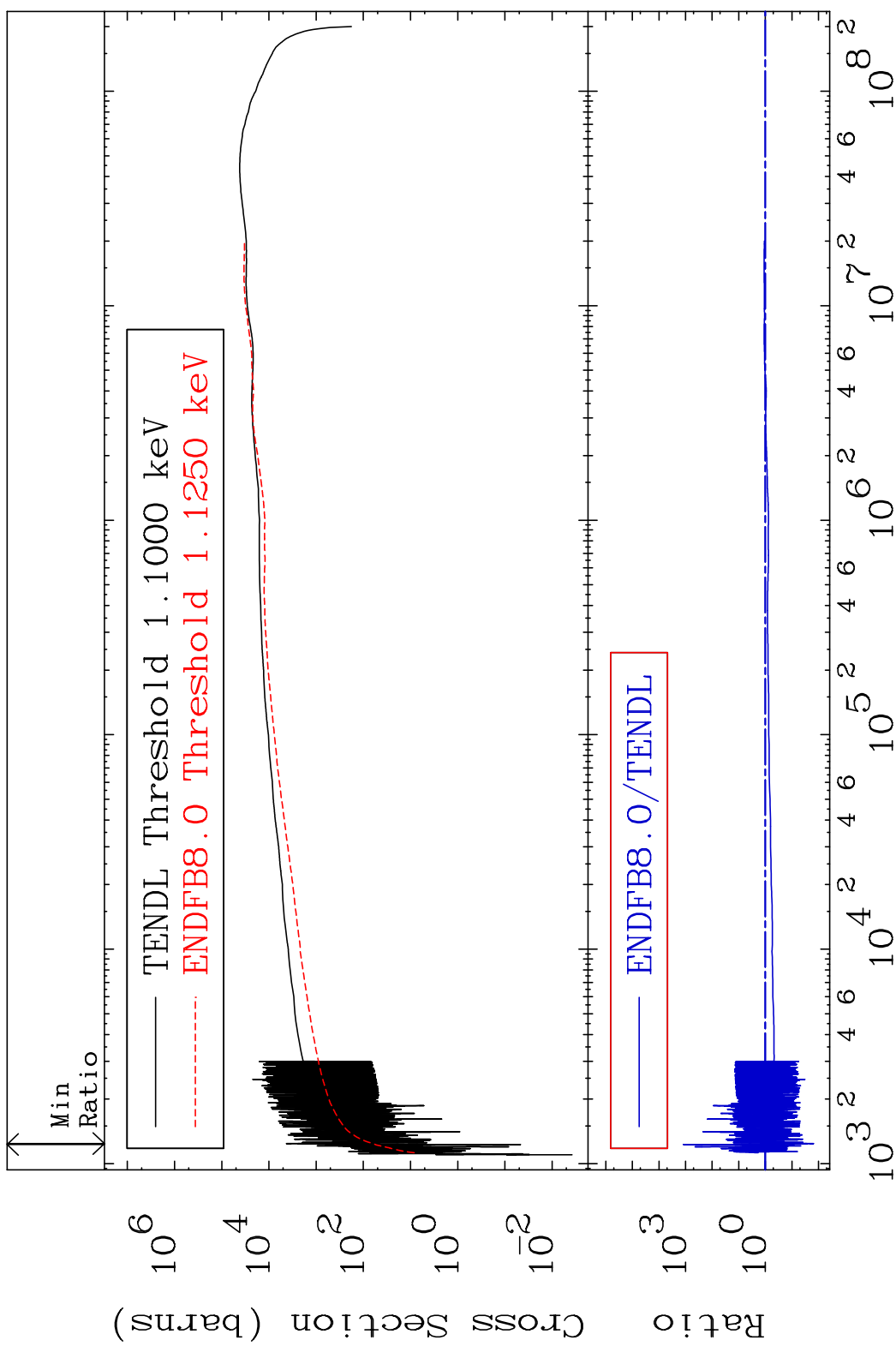
46 Incident Energy (eV) 76-0s-187

MAT 7634 Dpa total (eV-barns) 76-0s-187
 Cross Section -99.73 To 9999. %



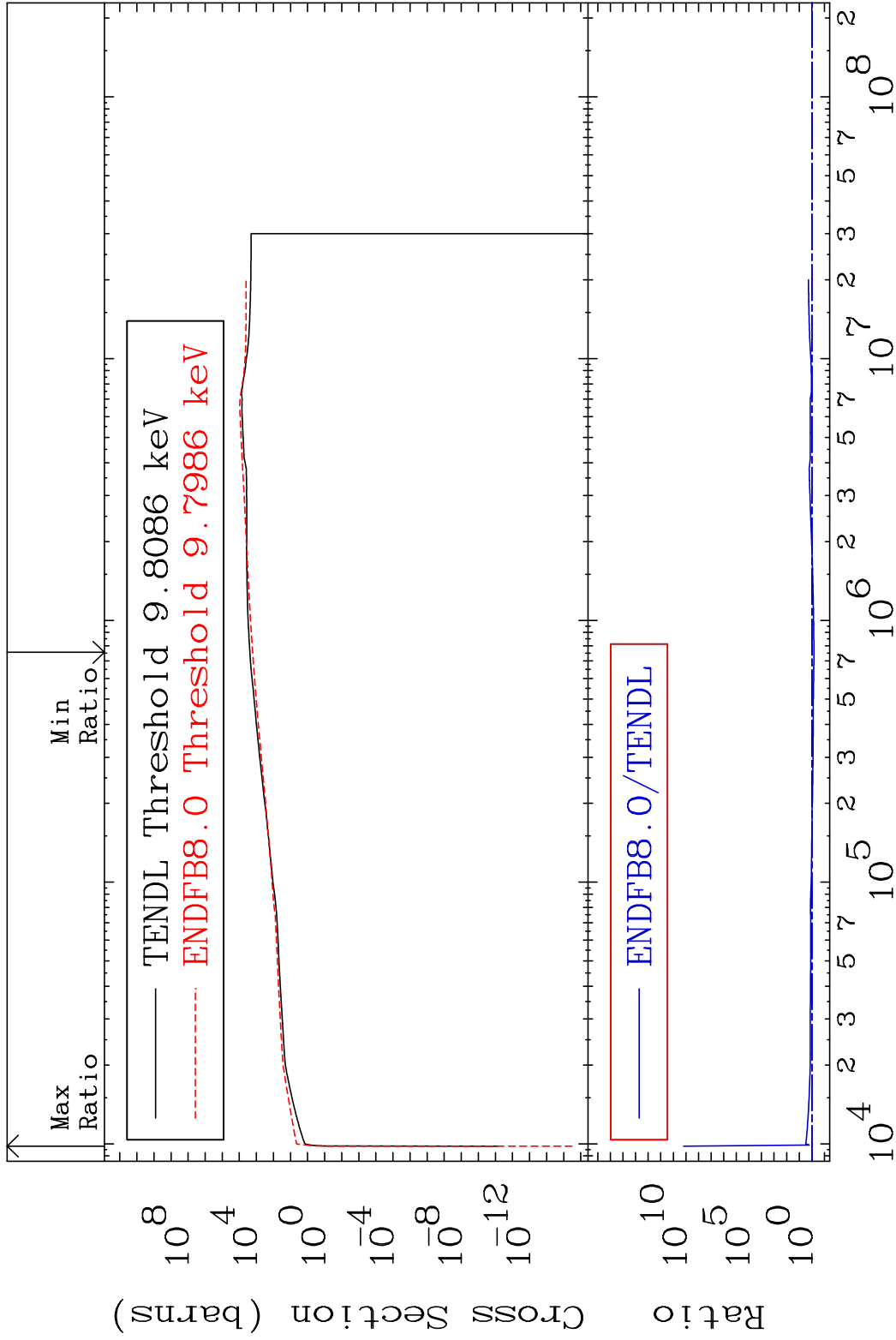
47 Incident Energy (eV) 76-0s-187

MAT 7634 Dpa elastic (mt2) 76-0s-187
 Cross Section -98.50 To 9999. %



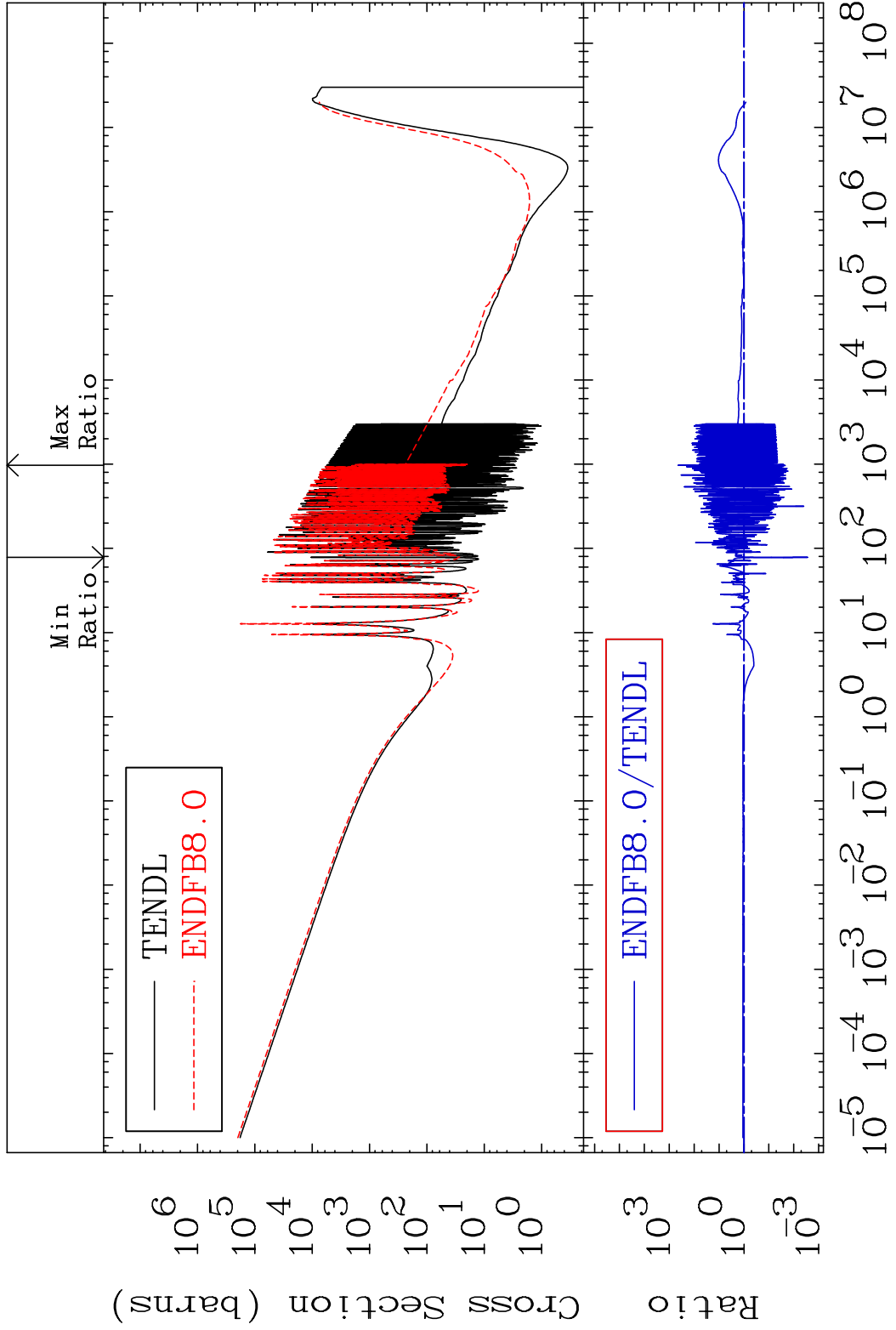
48 Incident Energy (eV) 76-0s-187

MAT 7634 Dpa inelastic (mt51-91) 76-Os-187
 Cross Section -31.35 To 9999. %



49 Incident Energy (eV) 76-Os-187

MAT 7634 Dpa disappearance (mt102 -120) 76-0s-187
 Cross Section -99.73 To 9999. %



50 Incident Energy (eV) 76-0s-187