

Program Complot
(Version 2021-1)

by

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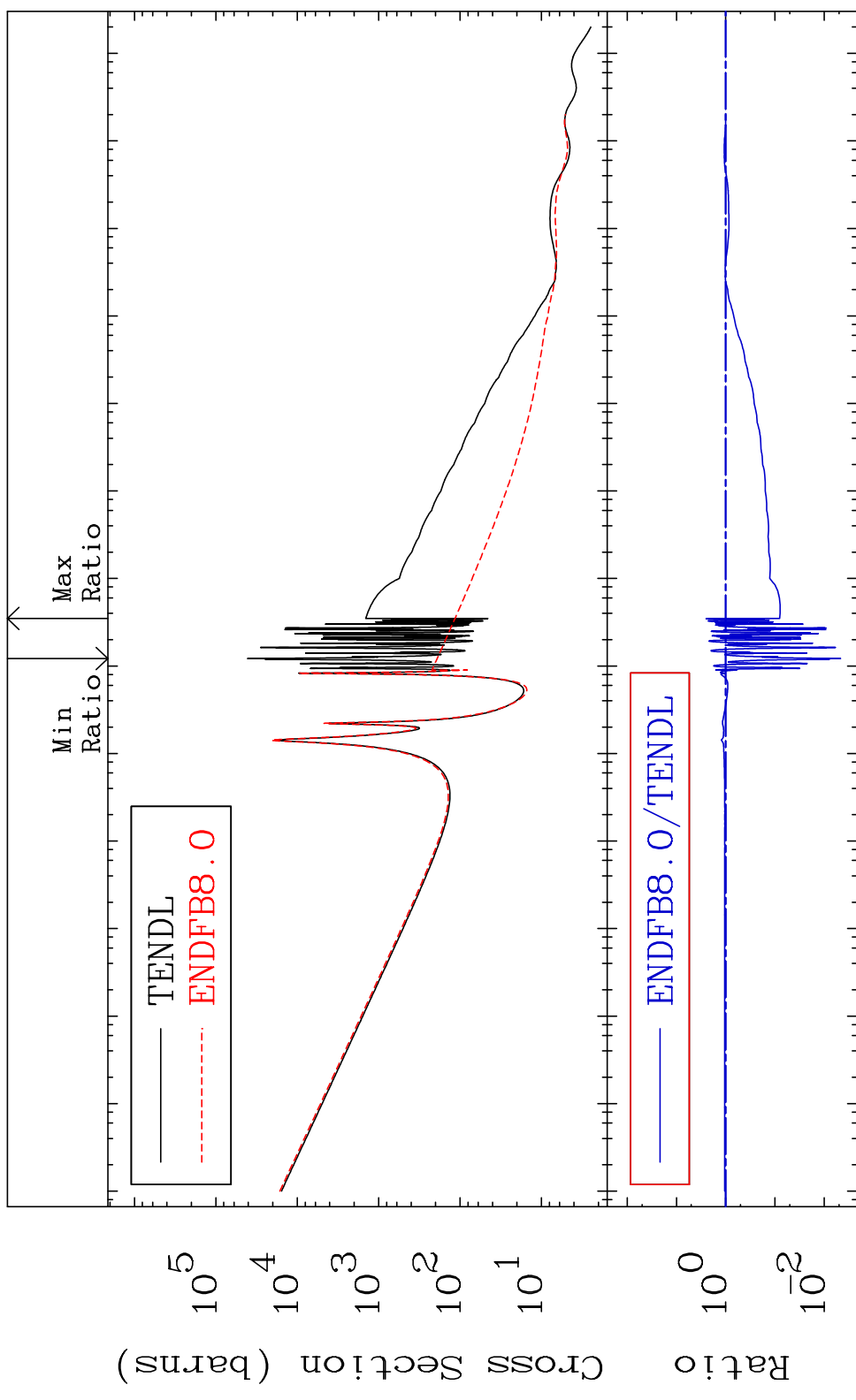
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6528

Total Cross Section -99.53 To 154.0 %

65-Tb-160



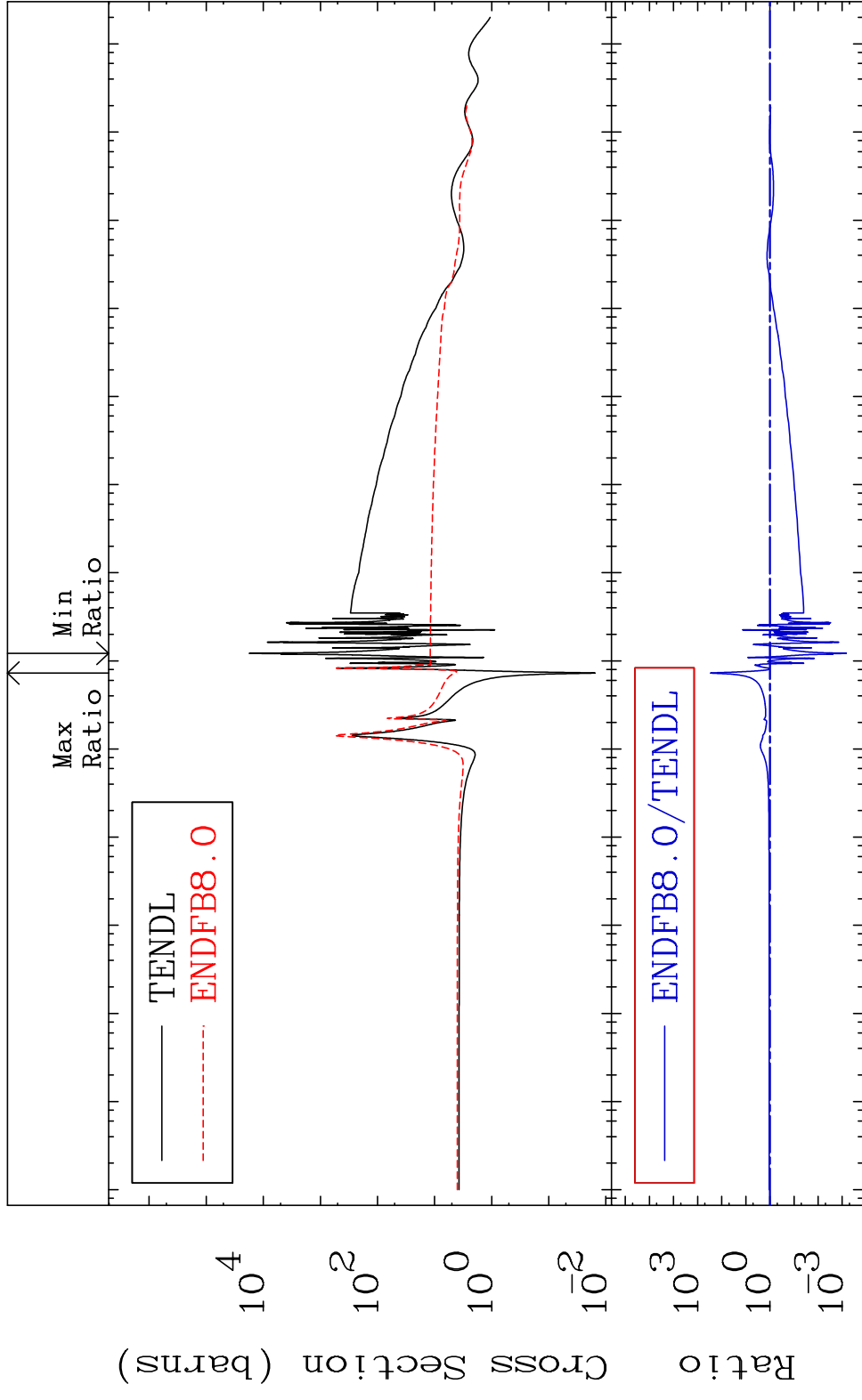
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1 Incident Energy (eV) 65-Tb-160

MAT 6528

Elastic Cross Section -99.93 To 9999. %

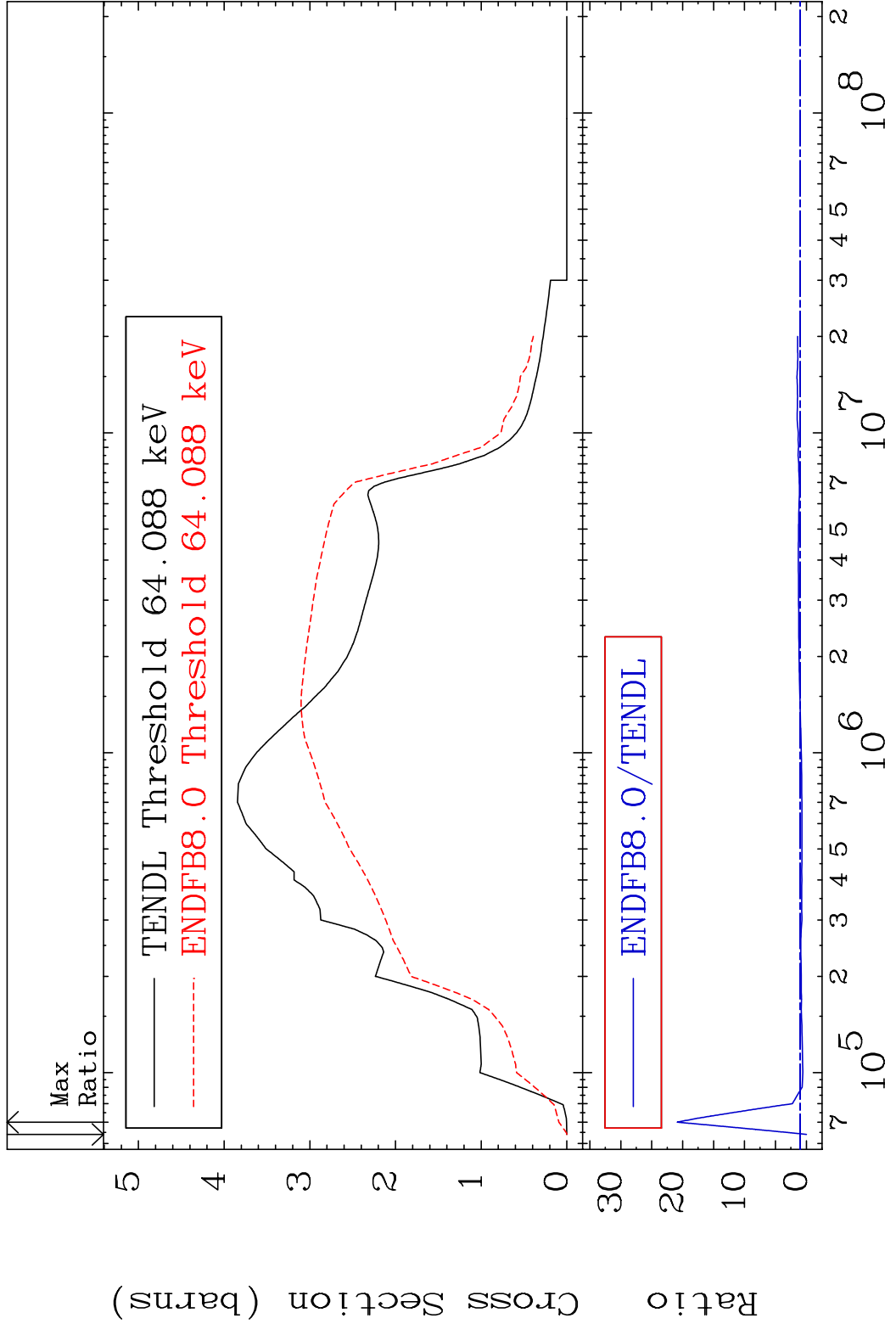
65-Tb-160



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2 Incident Energy (eV) 65-Tb-160

MAT 6528 Inelastic Cross Section -100.0 To 1988. % 65-Tb-160



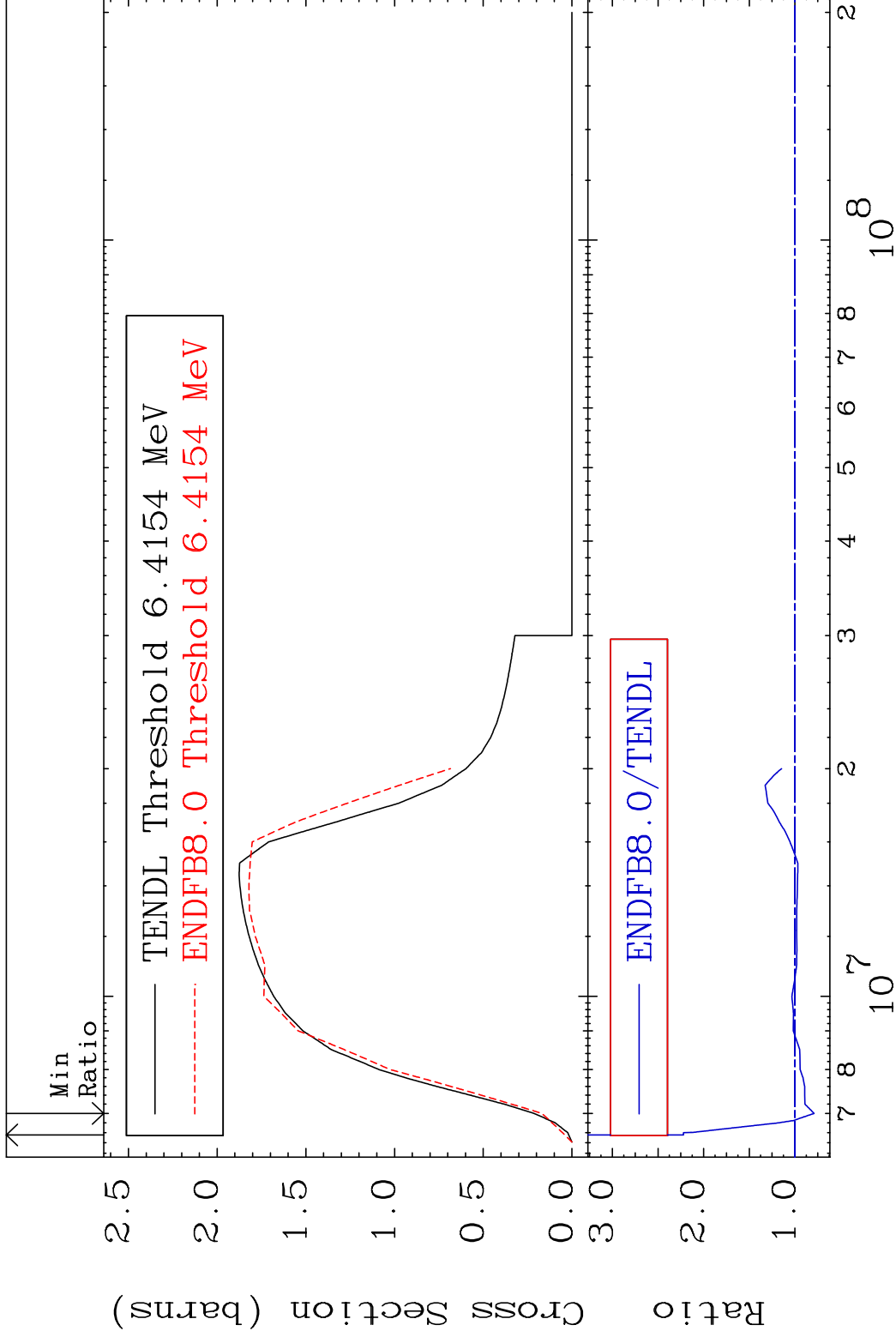
3 Incident Energy (eV) 65-Tb-160

MAT 6528

(n,2n)

65-Tb-160

Cross Section -20.98 To 122.1 %



4

Incident Energy (eV)

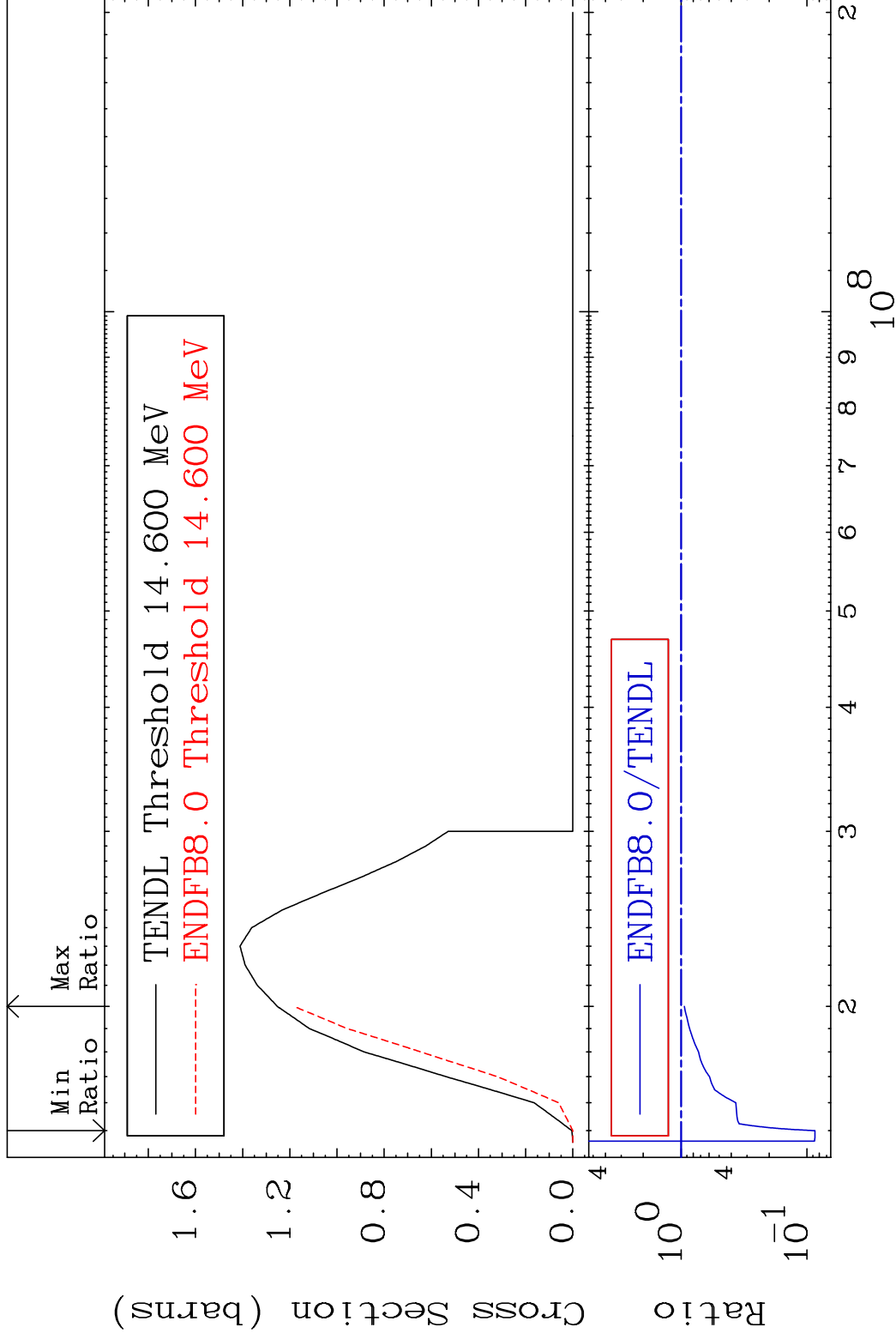
65-Tb-160

MAT 6528

(n,3n)

65-Tb-160

Cross Section -91.34 To -5.578%



5

Incident Energy (eV)

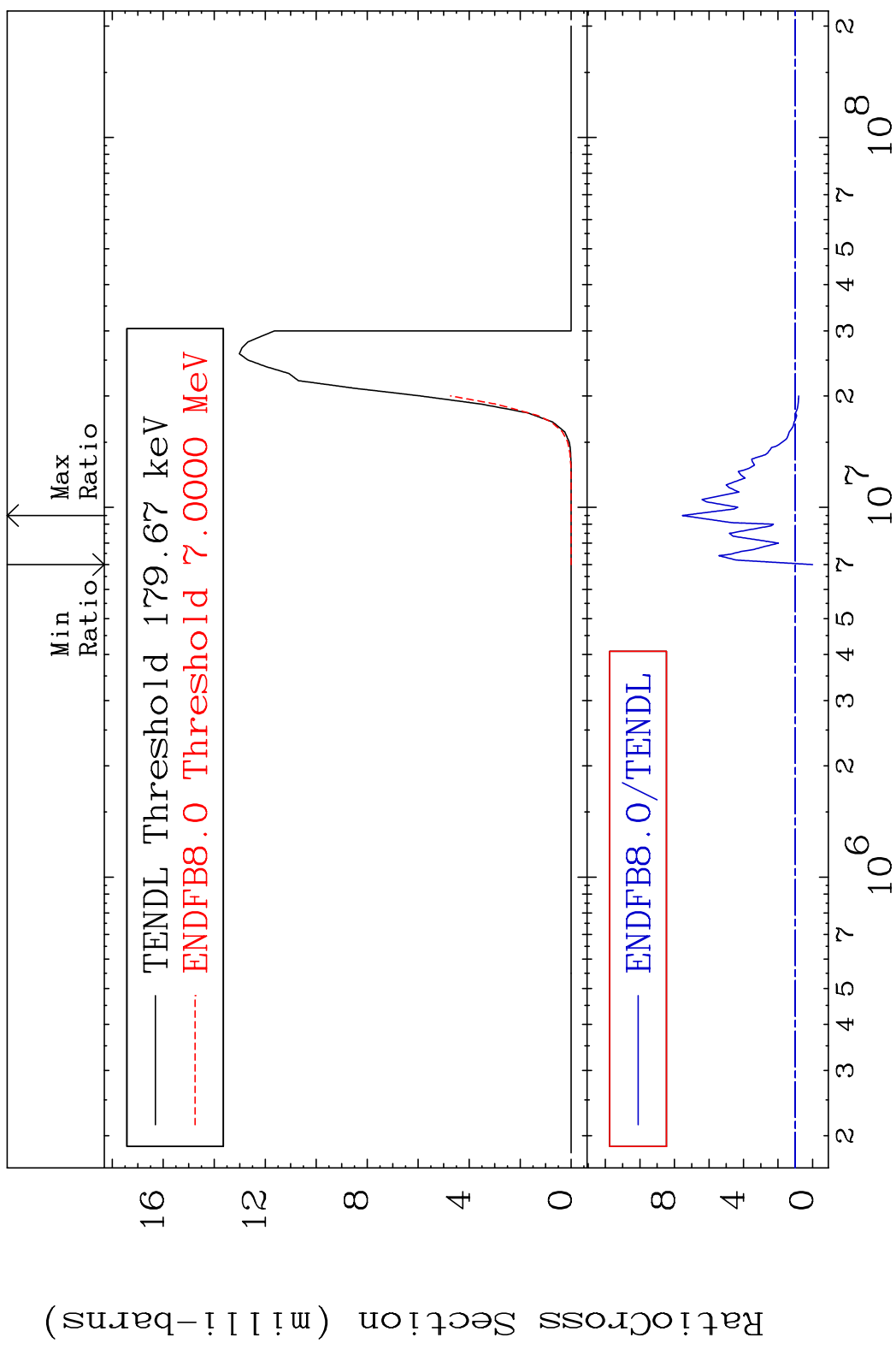
65-Tb-160

MAT 6528

(n, n') α

65-Tb-160

Cross Section -100.0 To 654.1 %

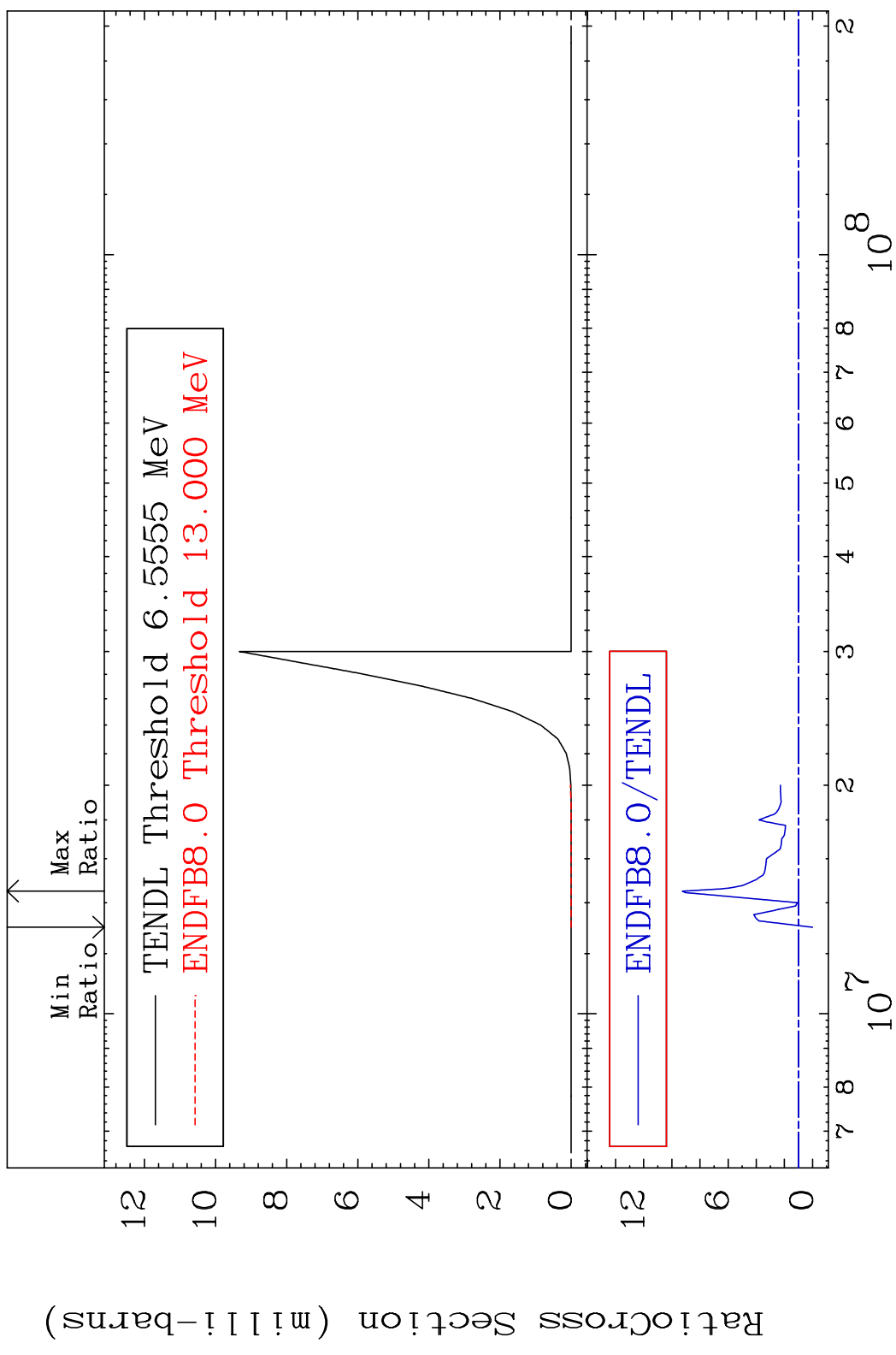


MAT 6528

(n,2n) α

65-Tb-160

Cross Section -100.0 To 825.4 %



7

Incident Energy (eV)

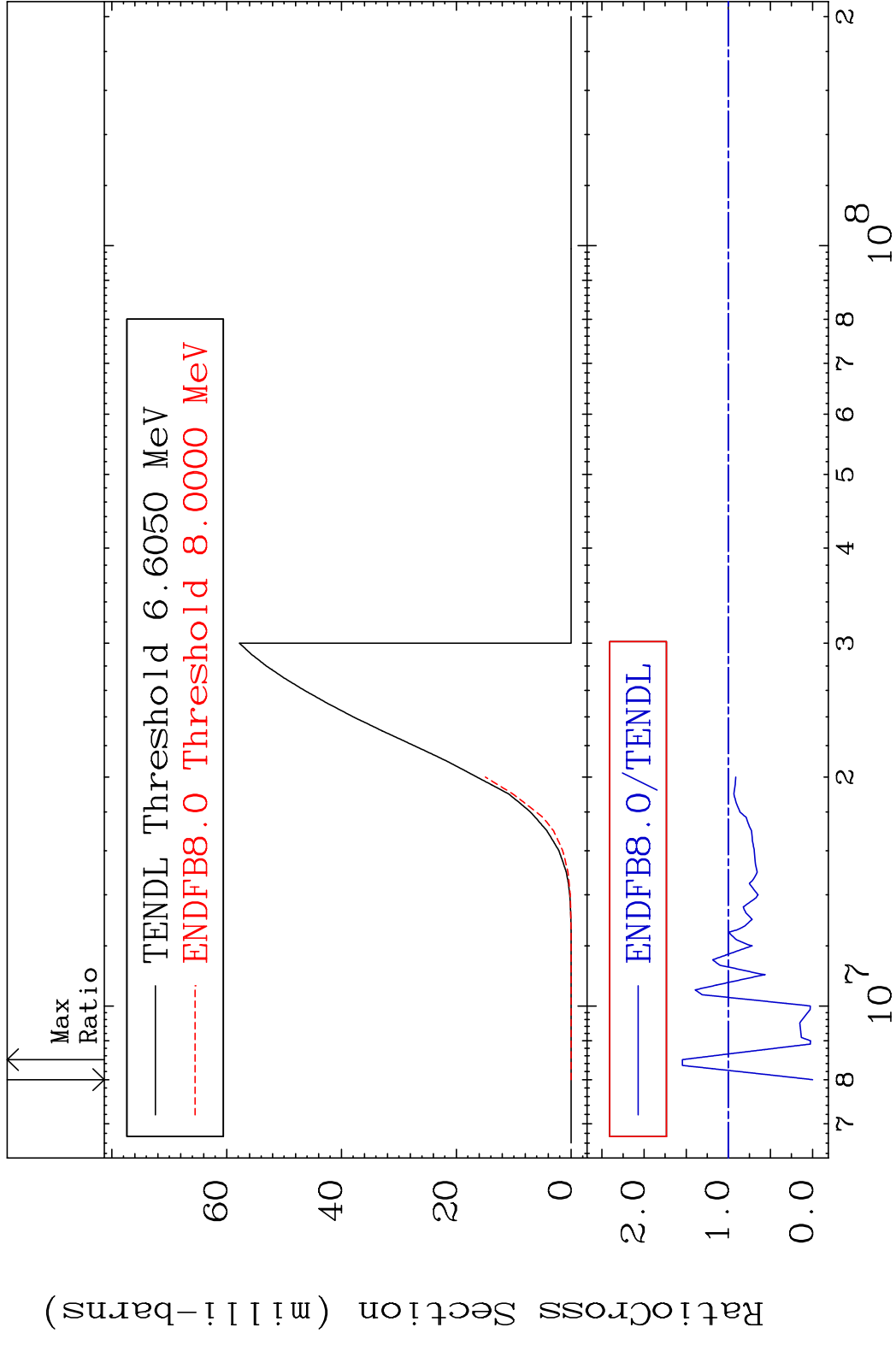
65-Tb-160

MAT 6528

(n, n') p

65-Tb-160

Cross Section -100.0 To 54.54 %



8

Incident Energy (eV)

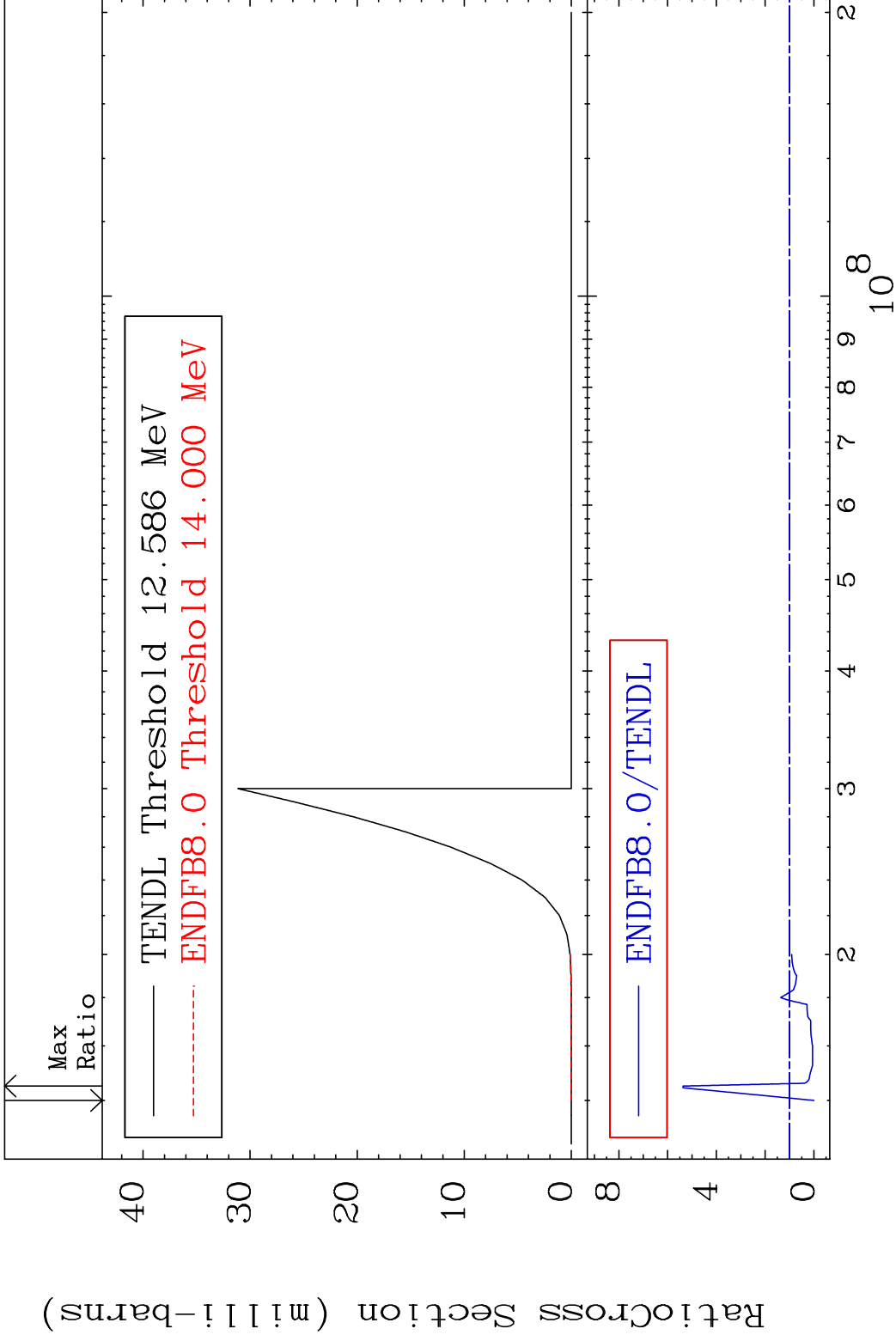
65-Tb-160

MAT 6528

(n,2n) p

65-Tb-160

Cross Section -100.0 To 436.6 %

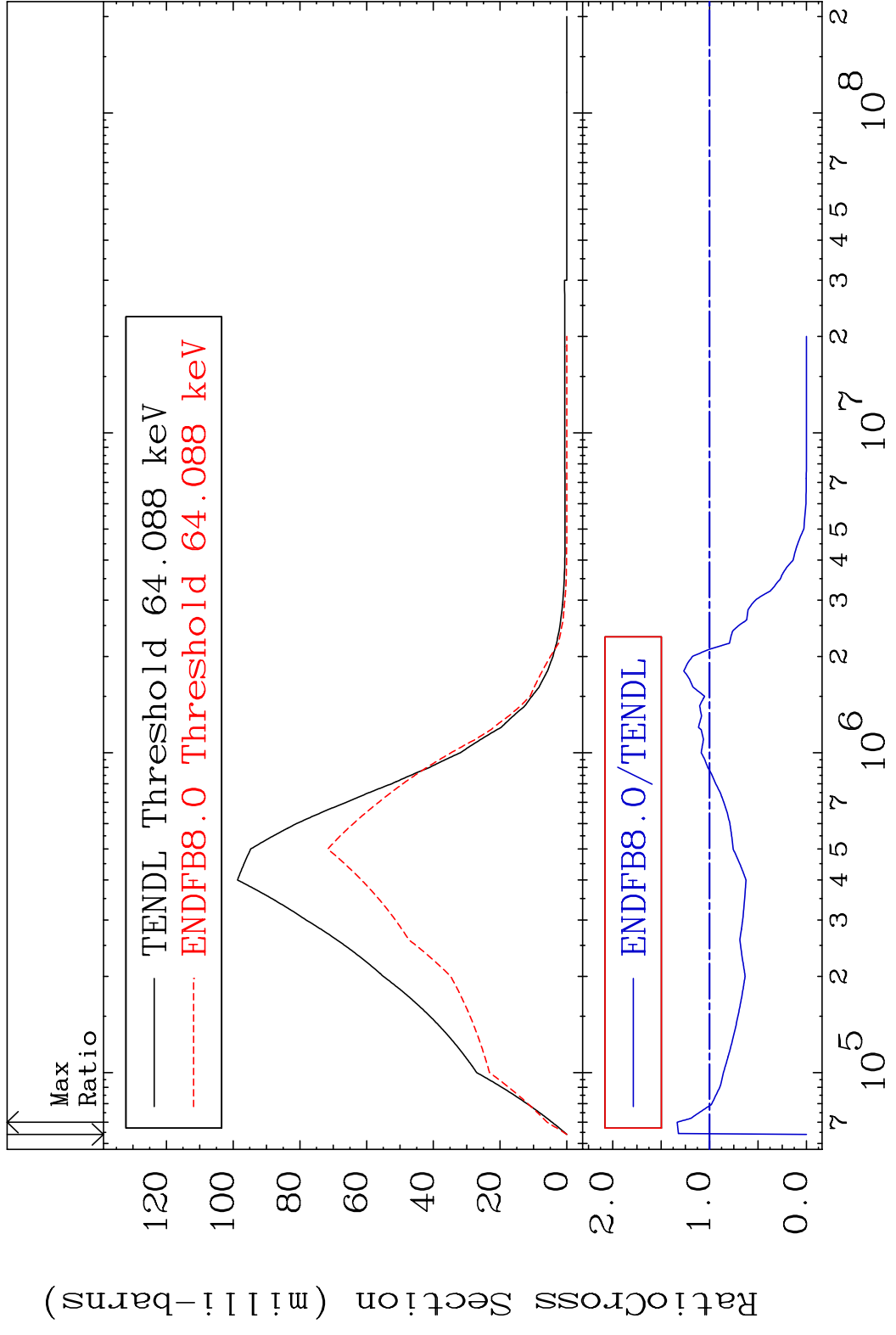


9

Incident Energy (eV)

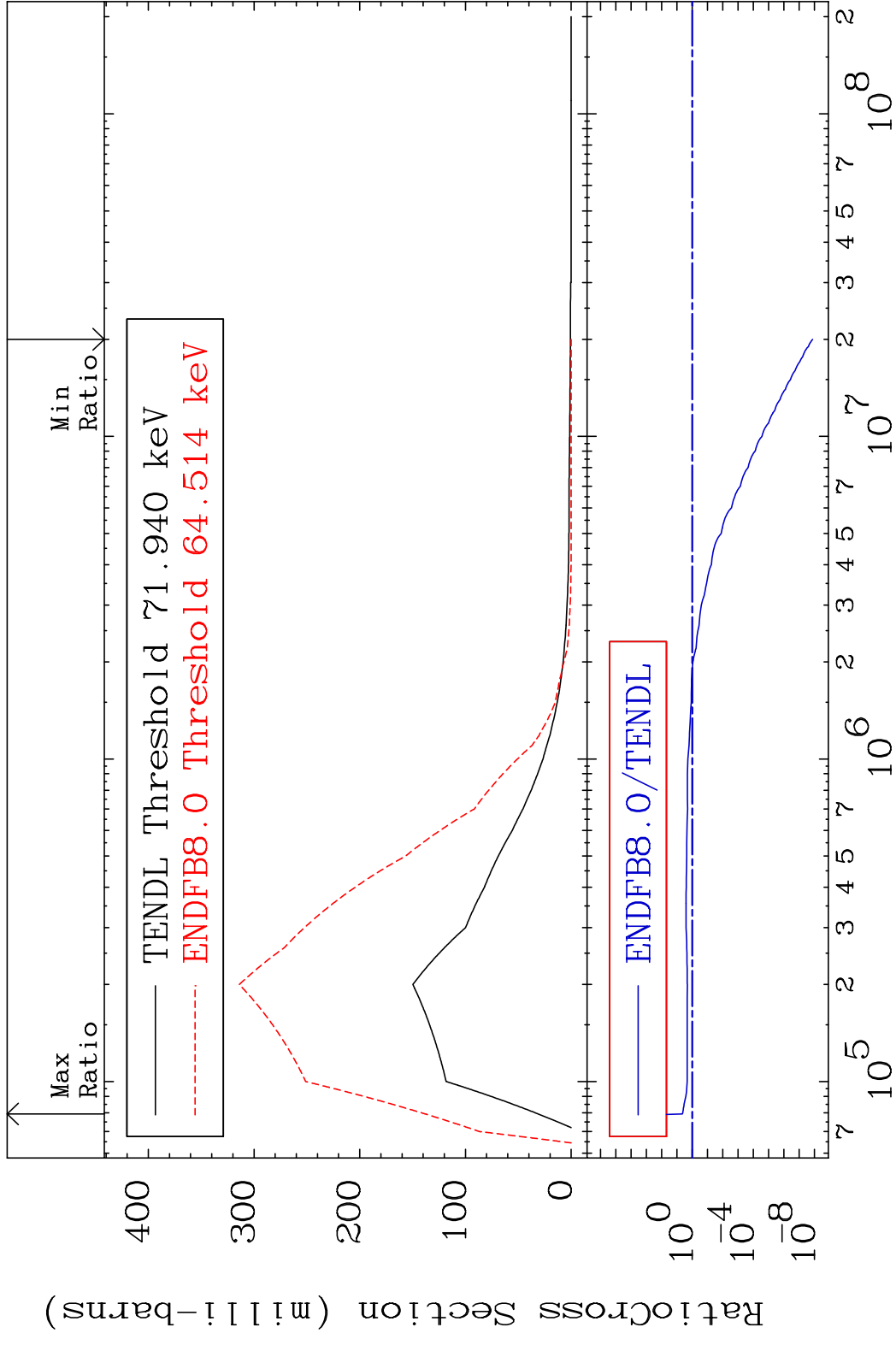
65-Tb-160

MAT 6528 MT= 51 (n,n') Level 65-Tb-160
 Cross Section -100.0 To 33.42 %

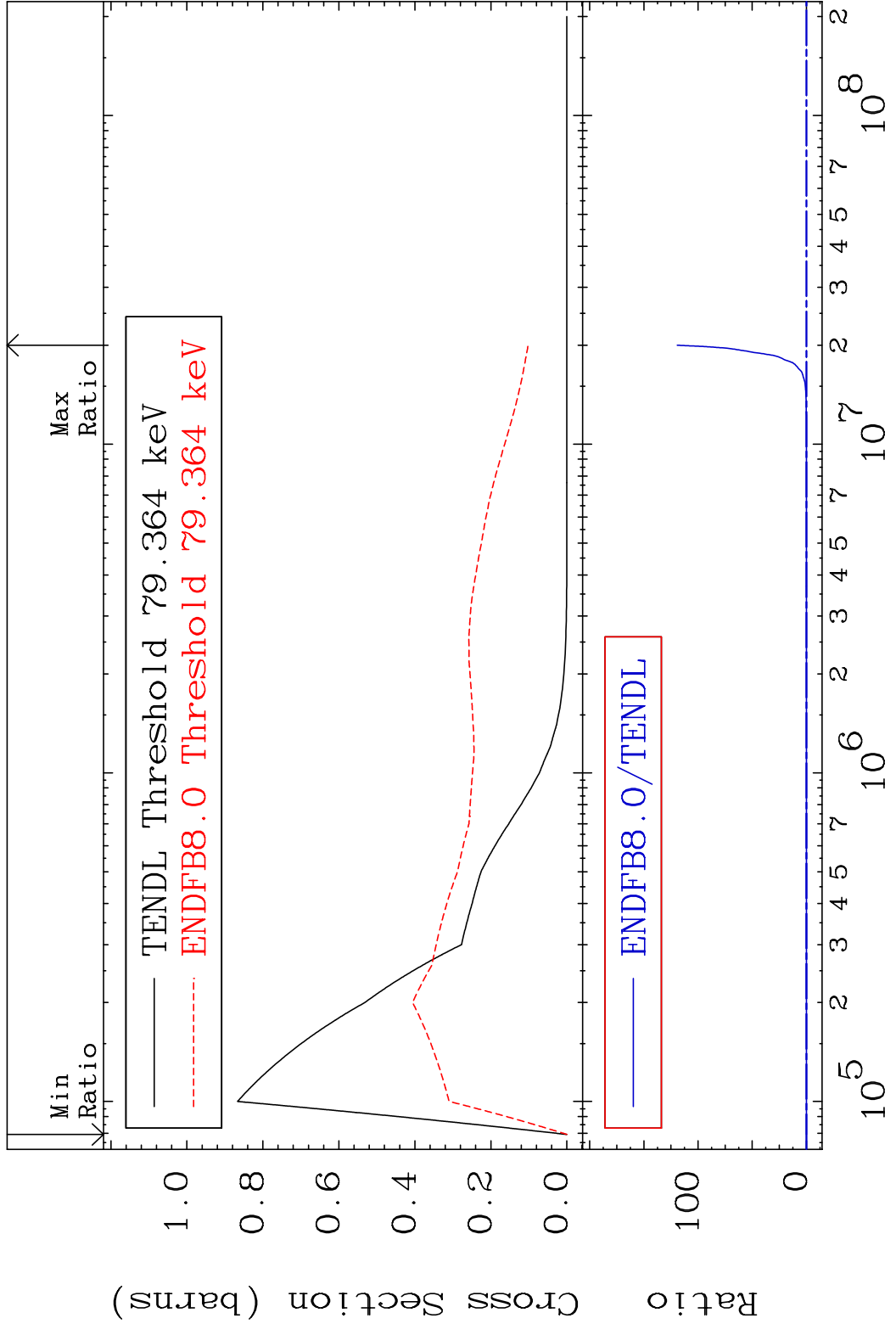


10 Incident Energy (eV) 65-Tb-160

MAT 6528 MT= 52 (n, n') Level 65-Tb-160
 Cross Section -100.0 To 341.9 %

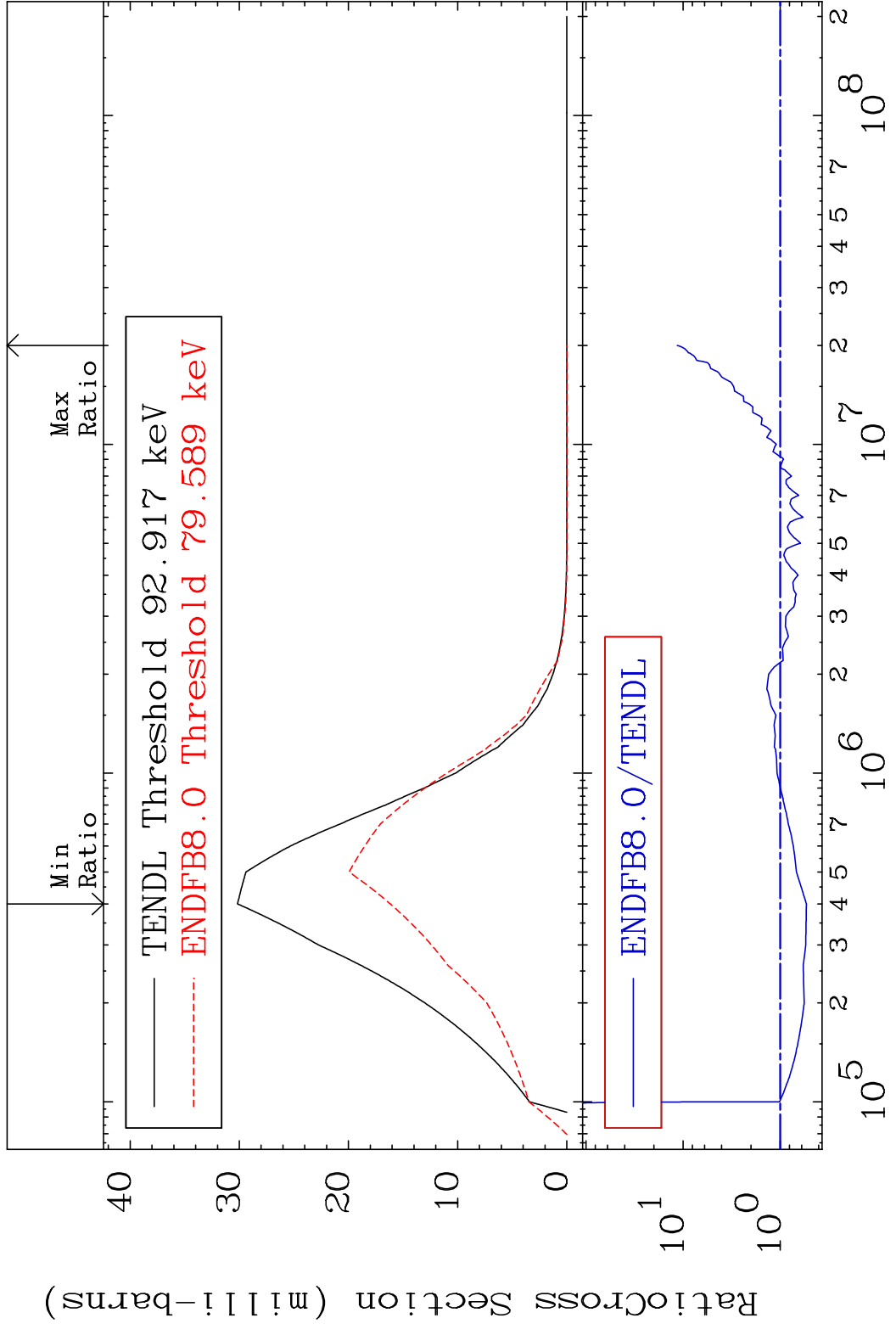


MAT 6528 MT= 53 (n,n') Level 65-Tb-160
 Cross Section -100.0 To 9999. %

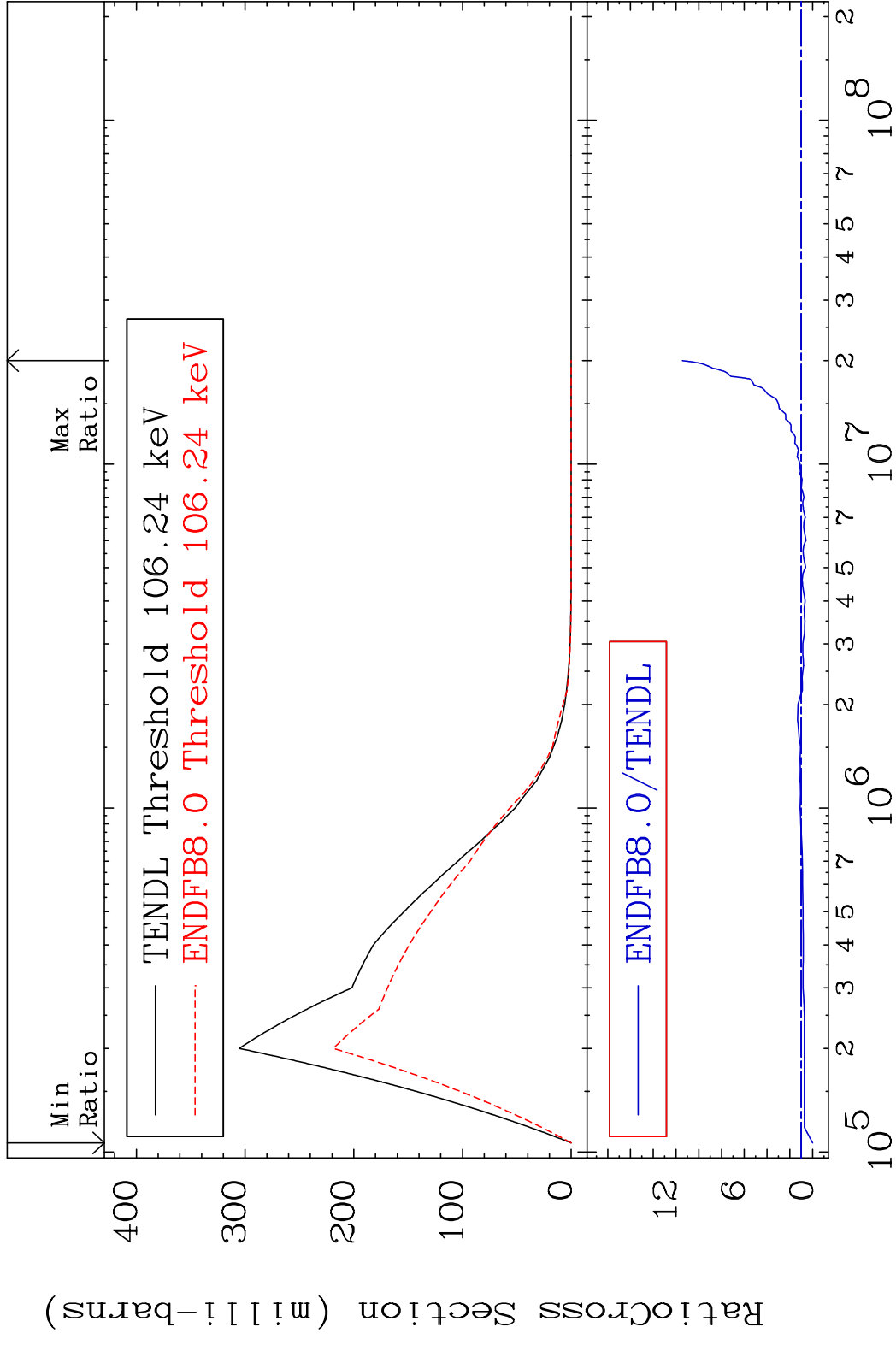


12 Incident Energy (eV) 65-Tb-160

MAT 6528 MT= 54 (n,n') Level 65-Tb-160
 Cross Section -46.38 To 1050. %

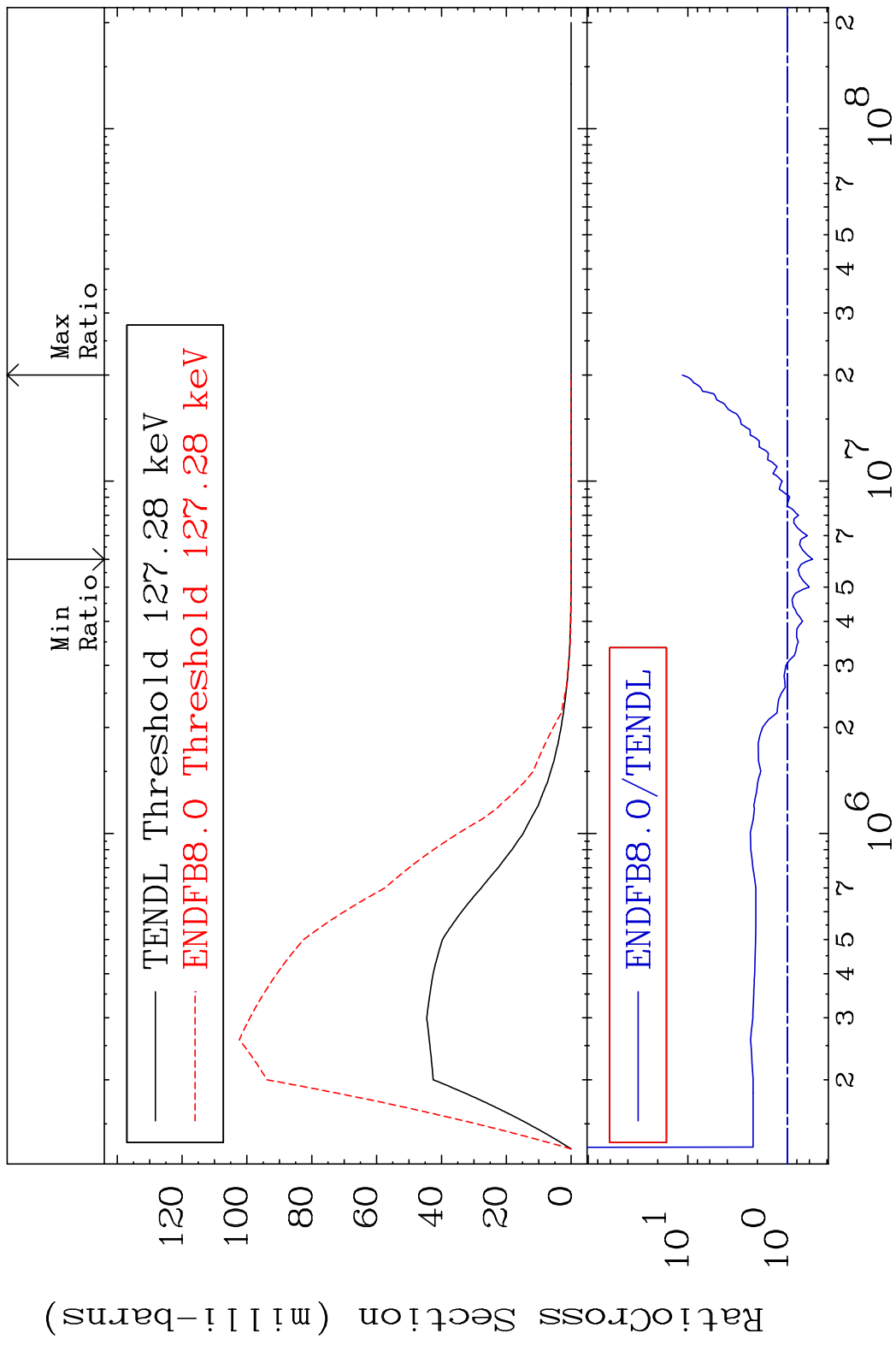


MAT 6528 MT= 55 (n,n') Level 65-Tb-160
 Cross Section -100.0 To 1044. %

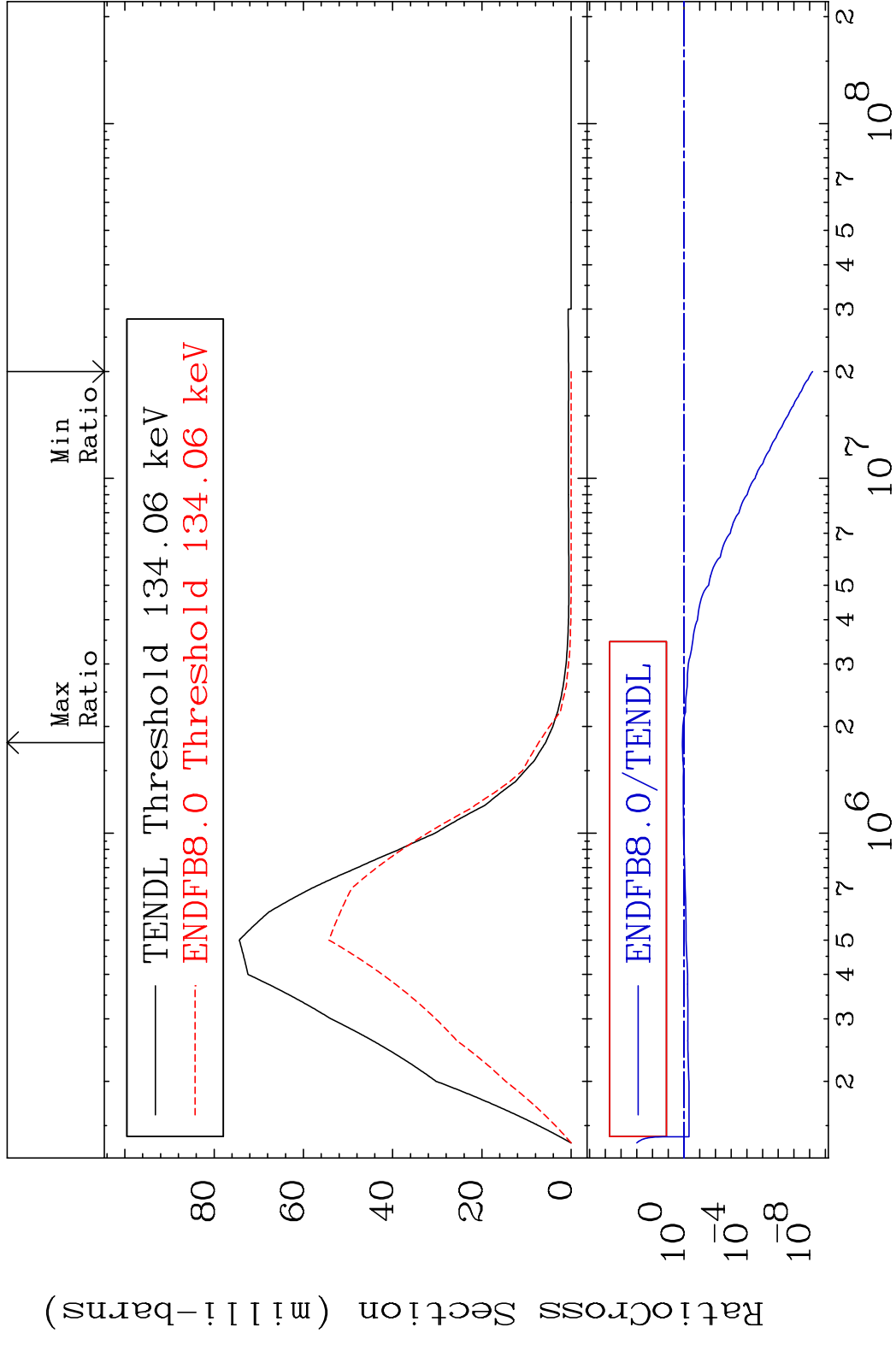


14 Incident Energy (eV) 65-Tb-160

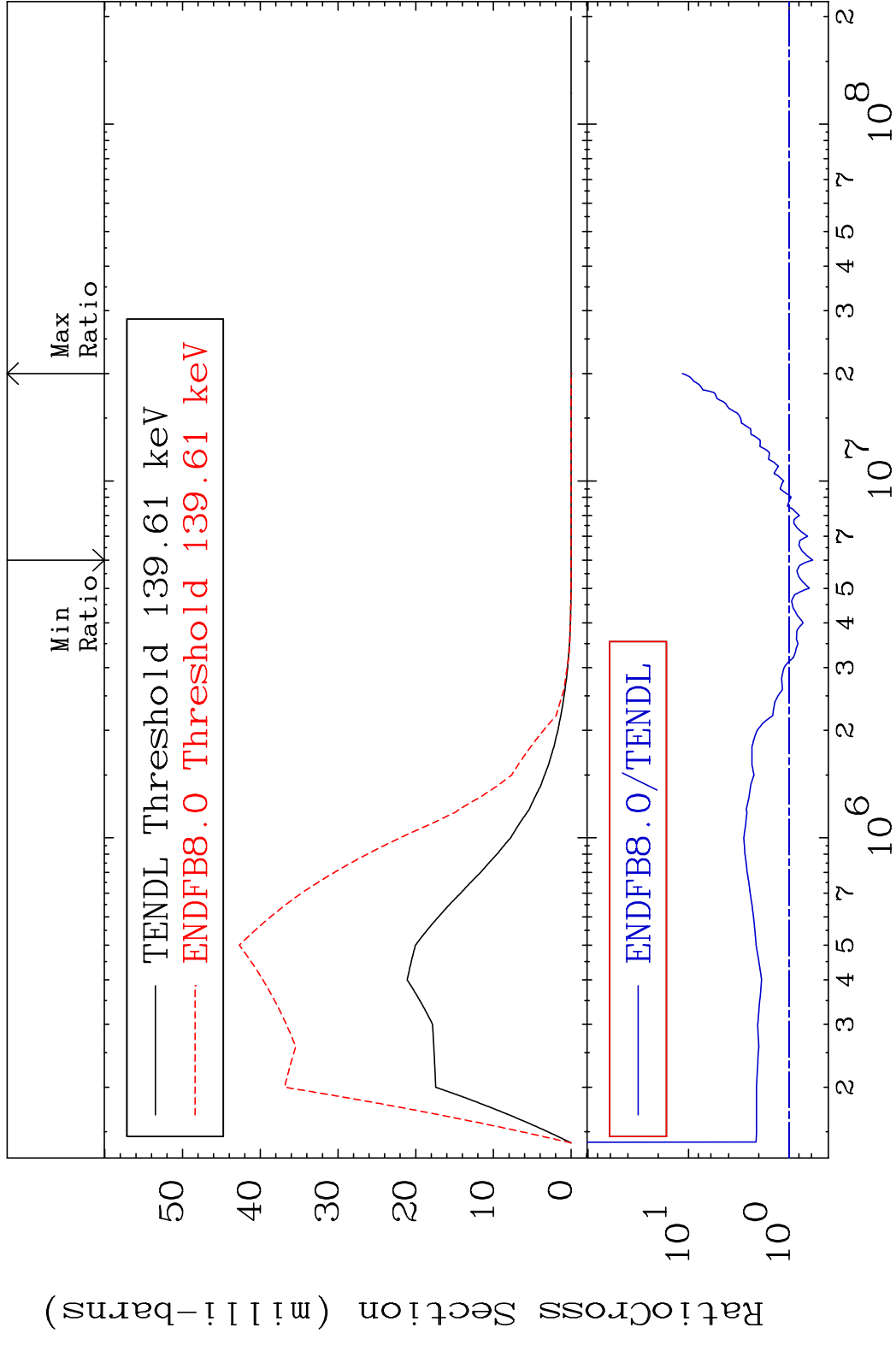
MAT 6528 MT= 56 (n,n') Level 65-Tb-160
 Cross Section -44.22 To 1033. %



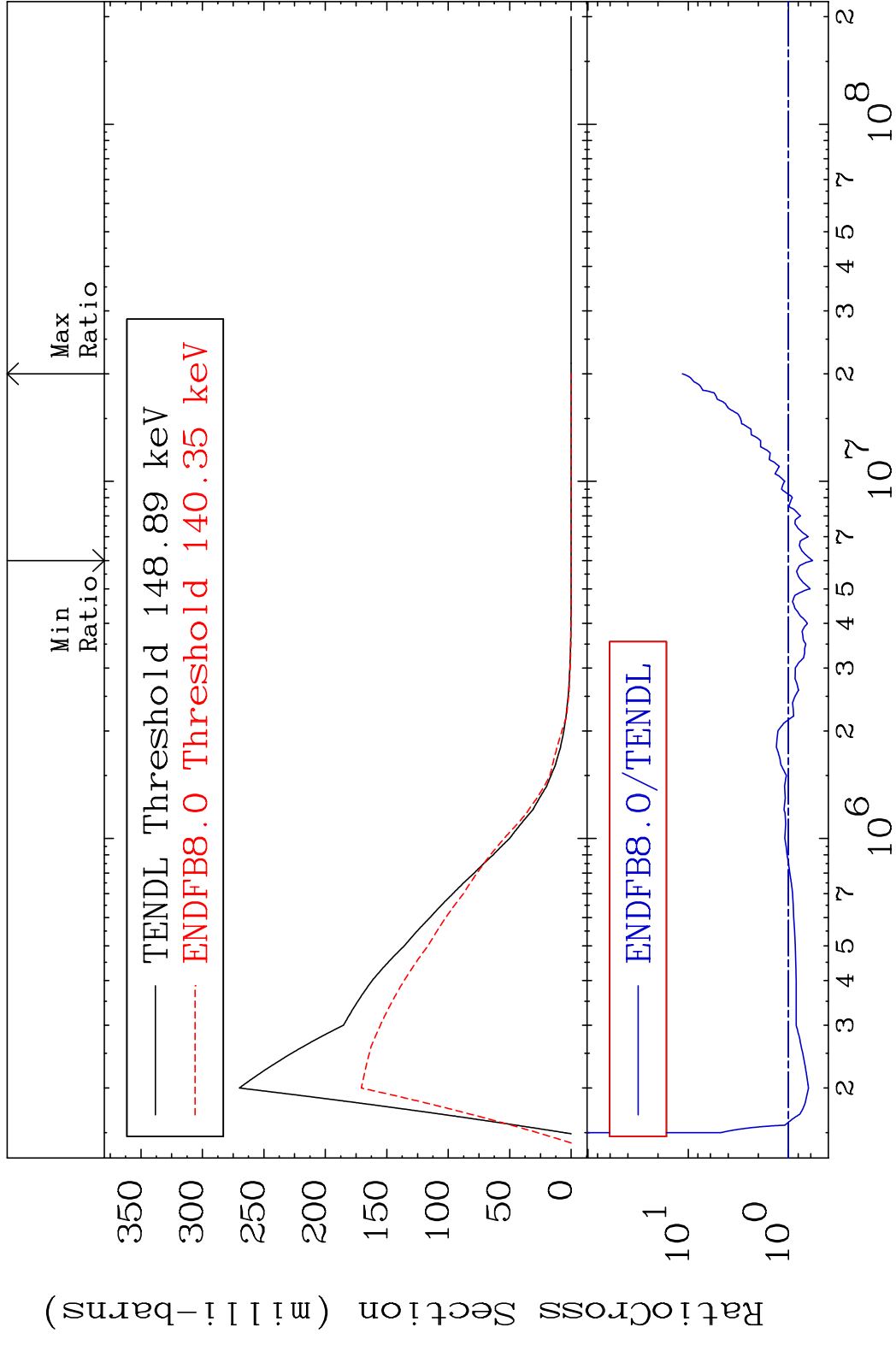
MAT 6528 MT= 57 (n, n') Level 65-Tb-160
 Cross Section -100.0 To 26.84 %



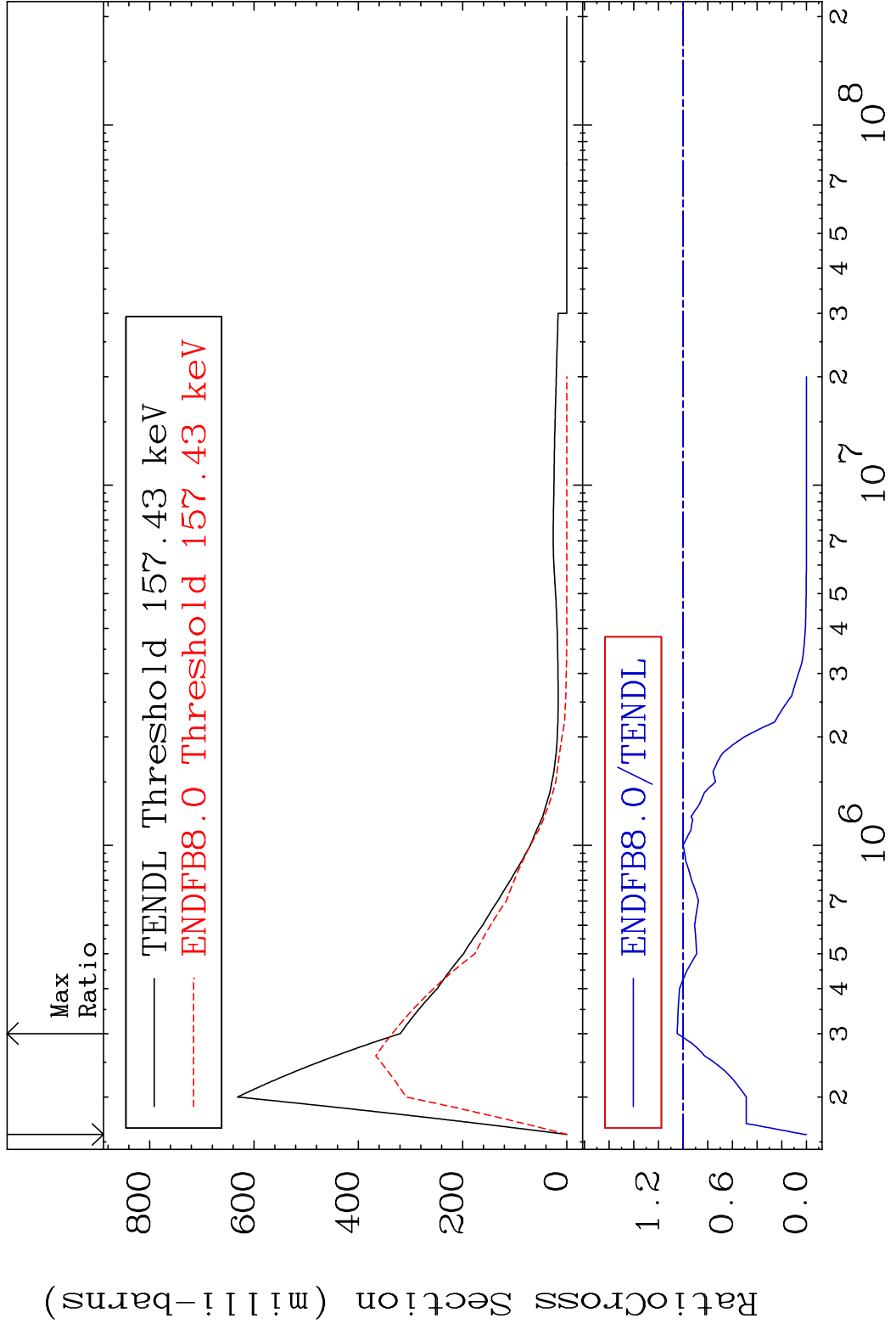
MAT 6528 MT= 58 (n, n') Level 65-Tb-160
 Cross Section -41.42 To 1052. %



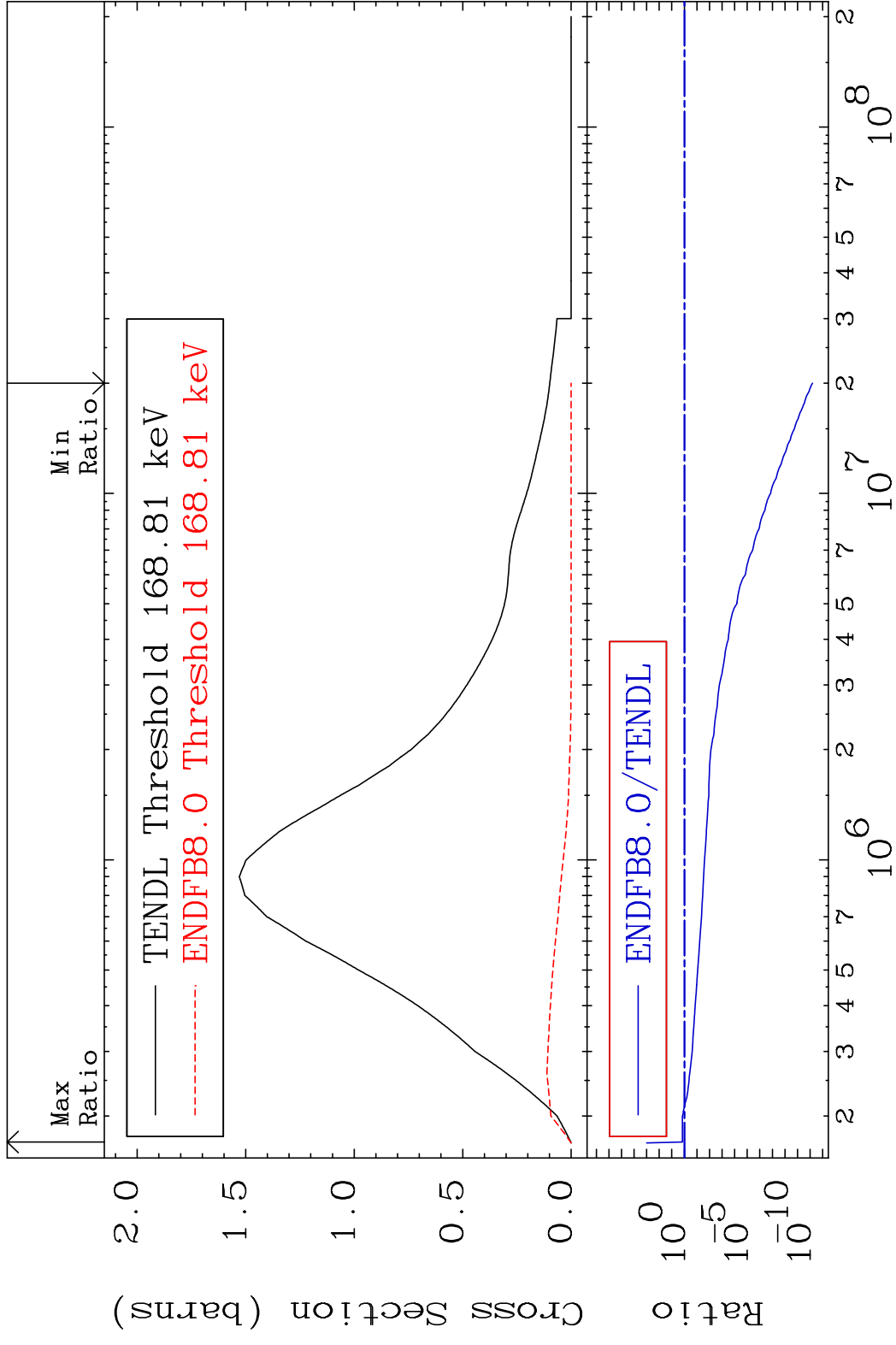
MAT 6528 MT= 59 (n, n') Level 65-Tb-160
 Cross Section -42.39 To 1045. %



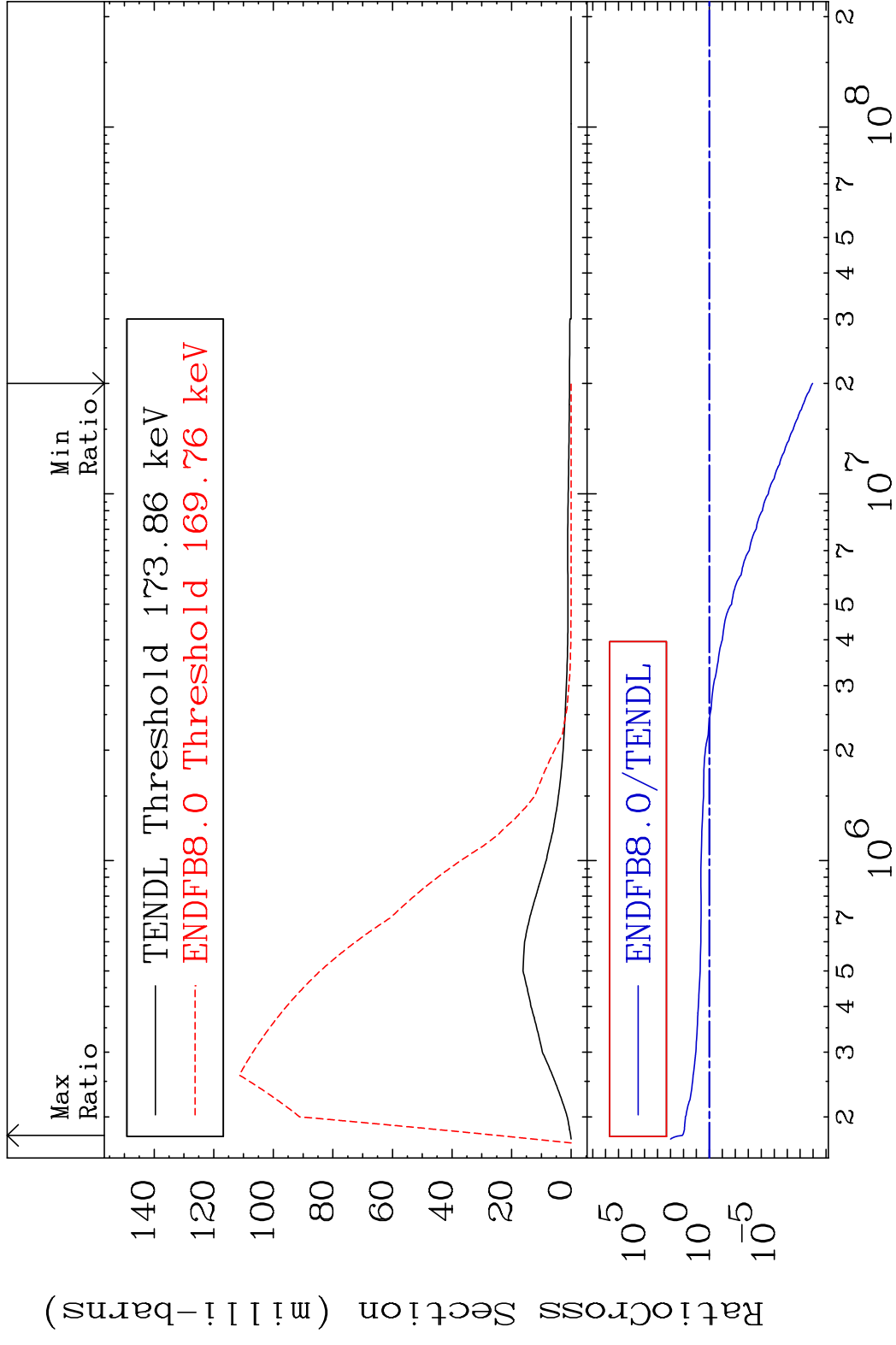
MAT 6528 MT= 60 (n,n') Level 65-Tb-160
 Cross Section -100.0 To 4.823 %



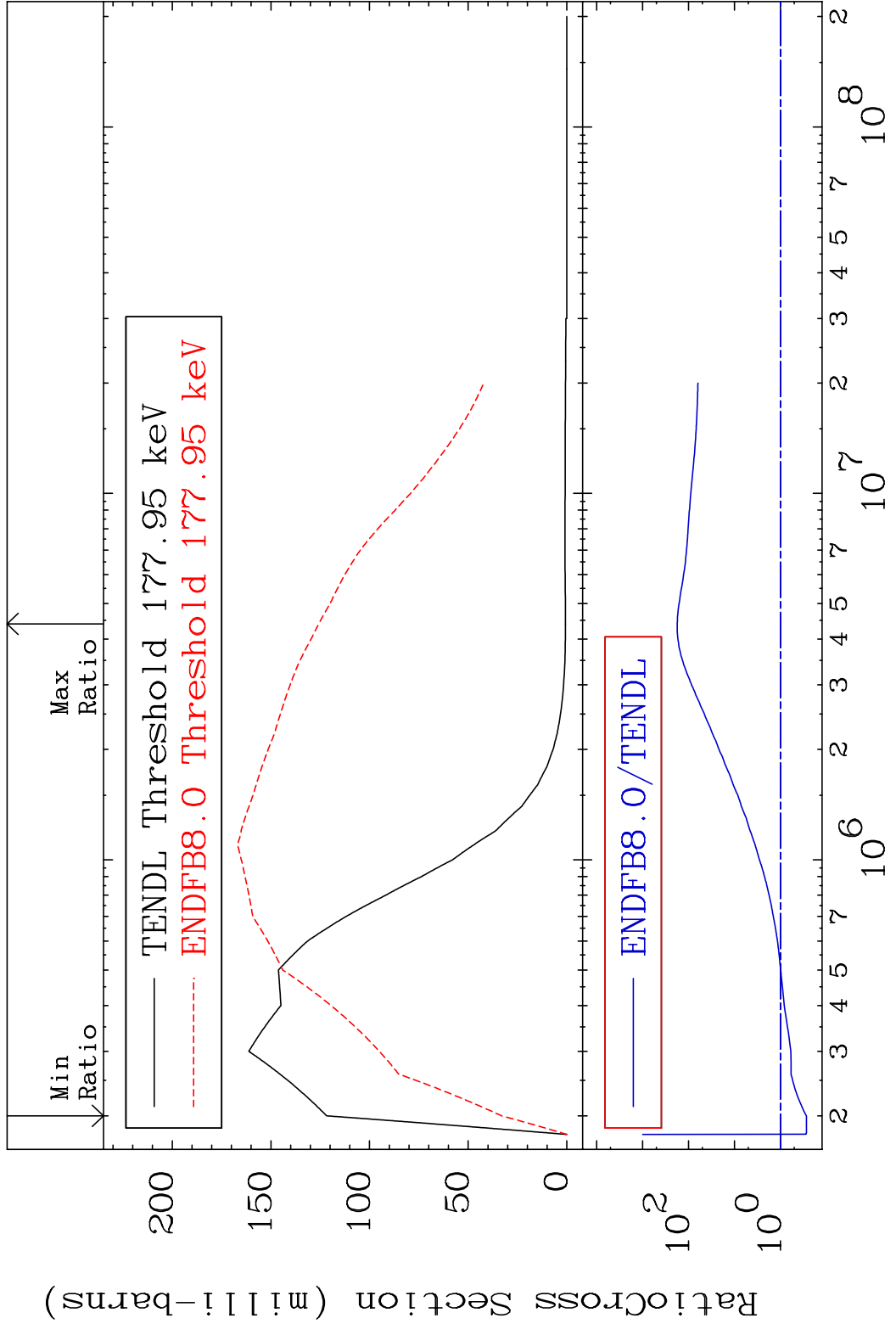
MAT 6528 MT= 61 (n, n') Level 65-Tb-160
 Cross Section -100.0 To 43.85 %



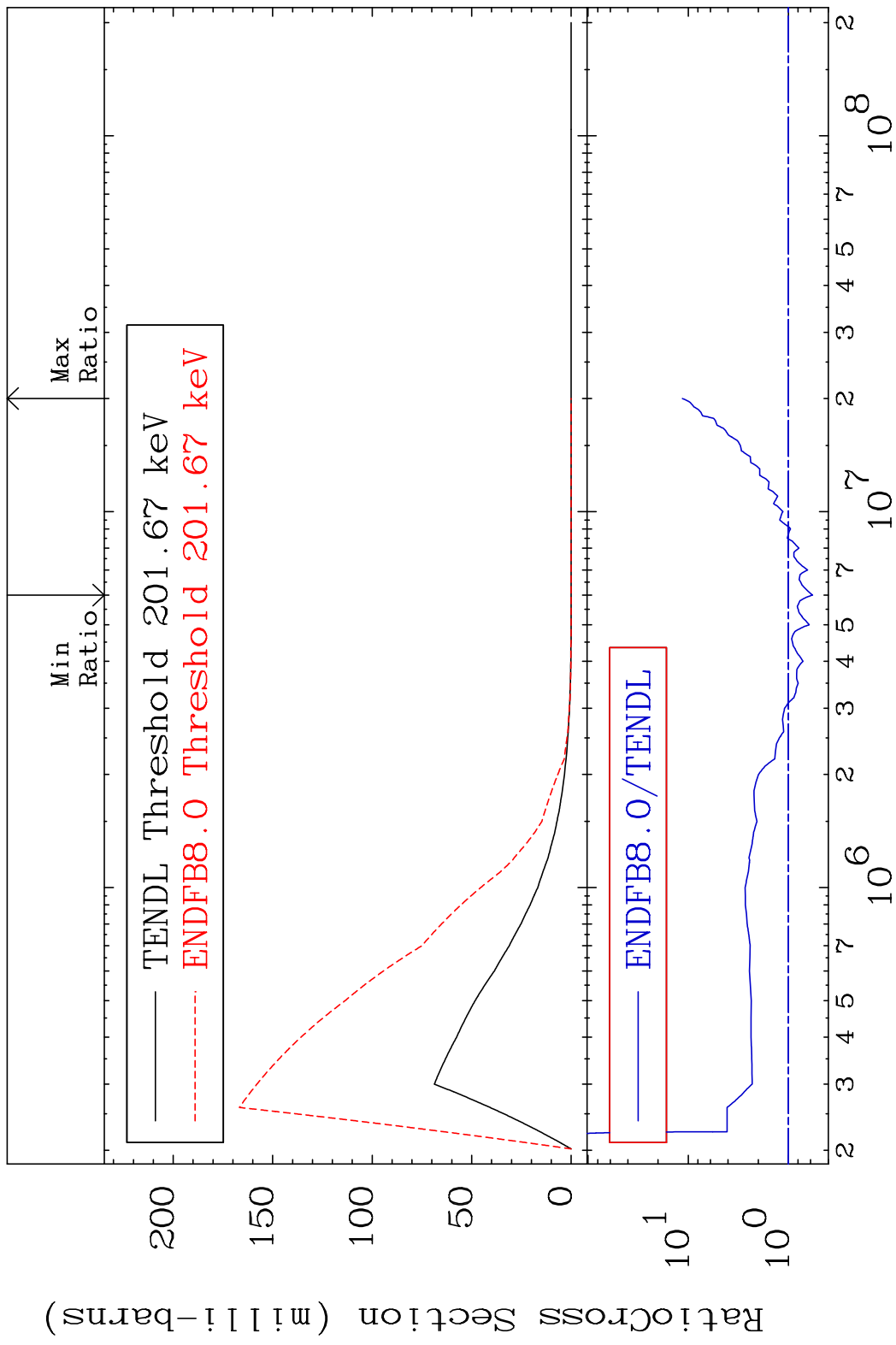
MAT 6528 MT= 62 (n, n') Level 65-Tb-160
 Cross Section -100.0 To 9999. %



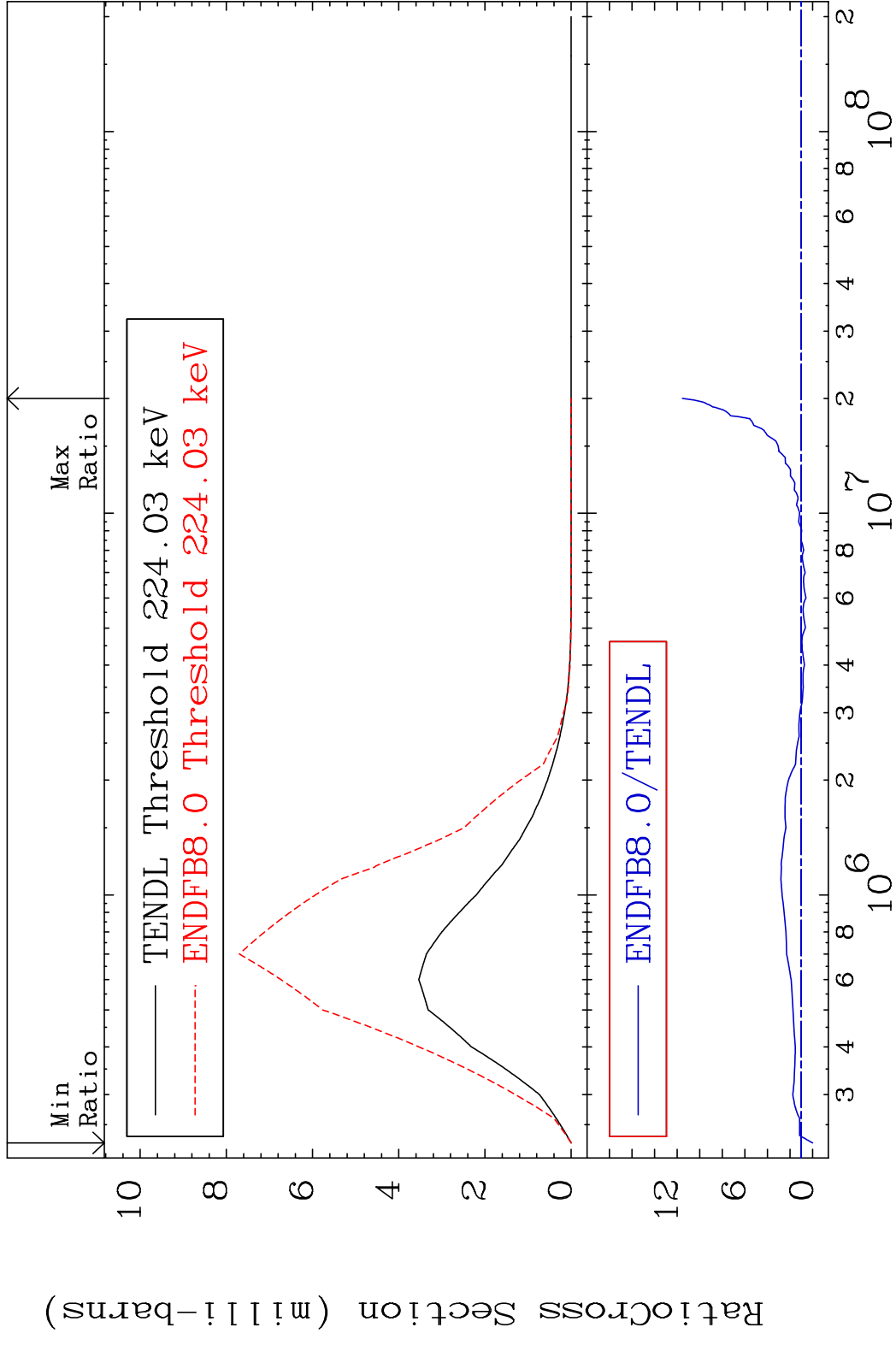
MAT 6528 MT= 63 (n, n') Level 65-Tb-160
 Cross Section -72.87 To 9999. %



MAT 6528 MT= 64 (n, n') Level 65-Tb-160
 Cross Section -42.62 To 1045. %



MAT 6528 MT= 65 (n,n') Level 65-Tb-160
 Cross Section -100.0 To 1054. %

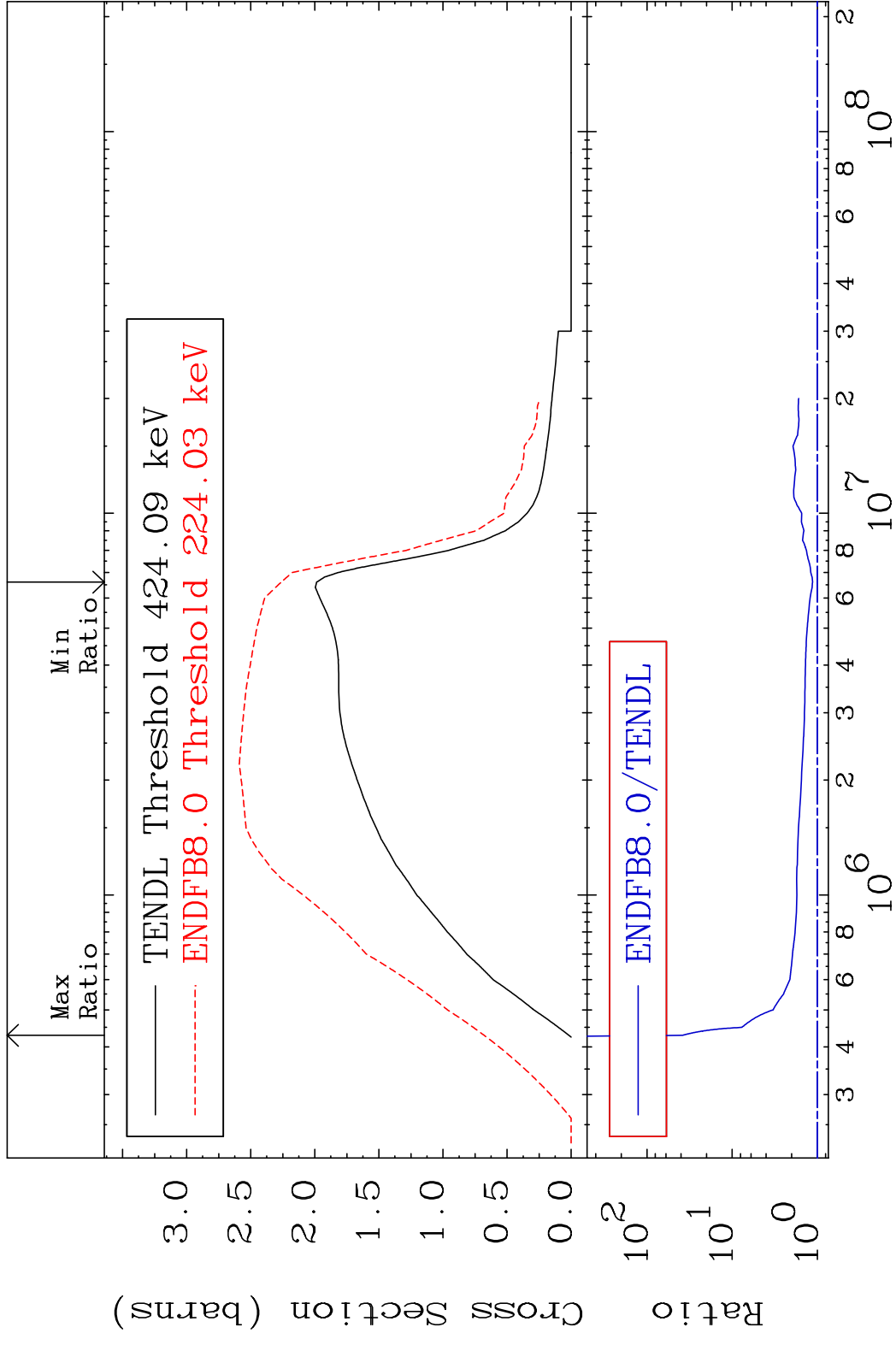


MAT 6528

(n,n') Continuum

65-Tb-160

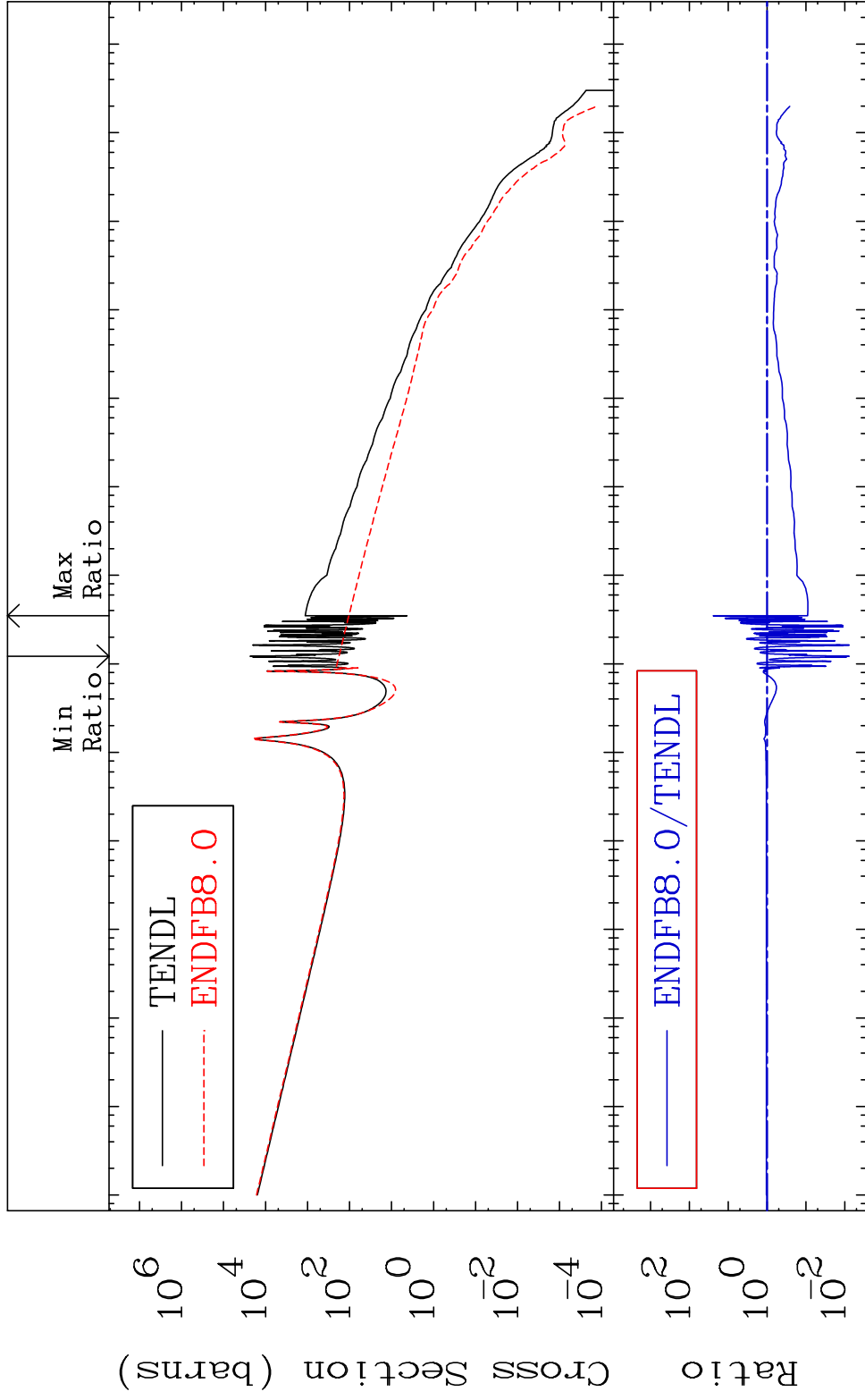
Cross Section 13.90 To 3747. %



MAT 6528

(n, γ)
Cross Section -99.23 To 2345. %

65-Tb-160



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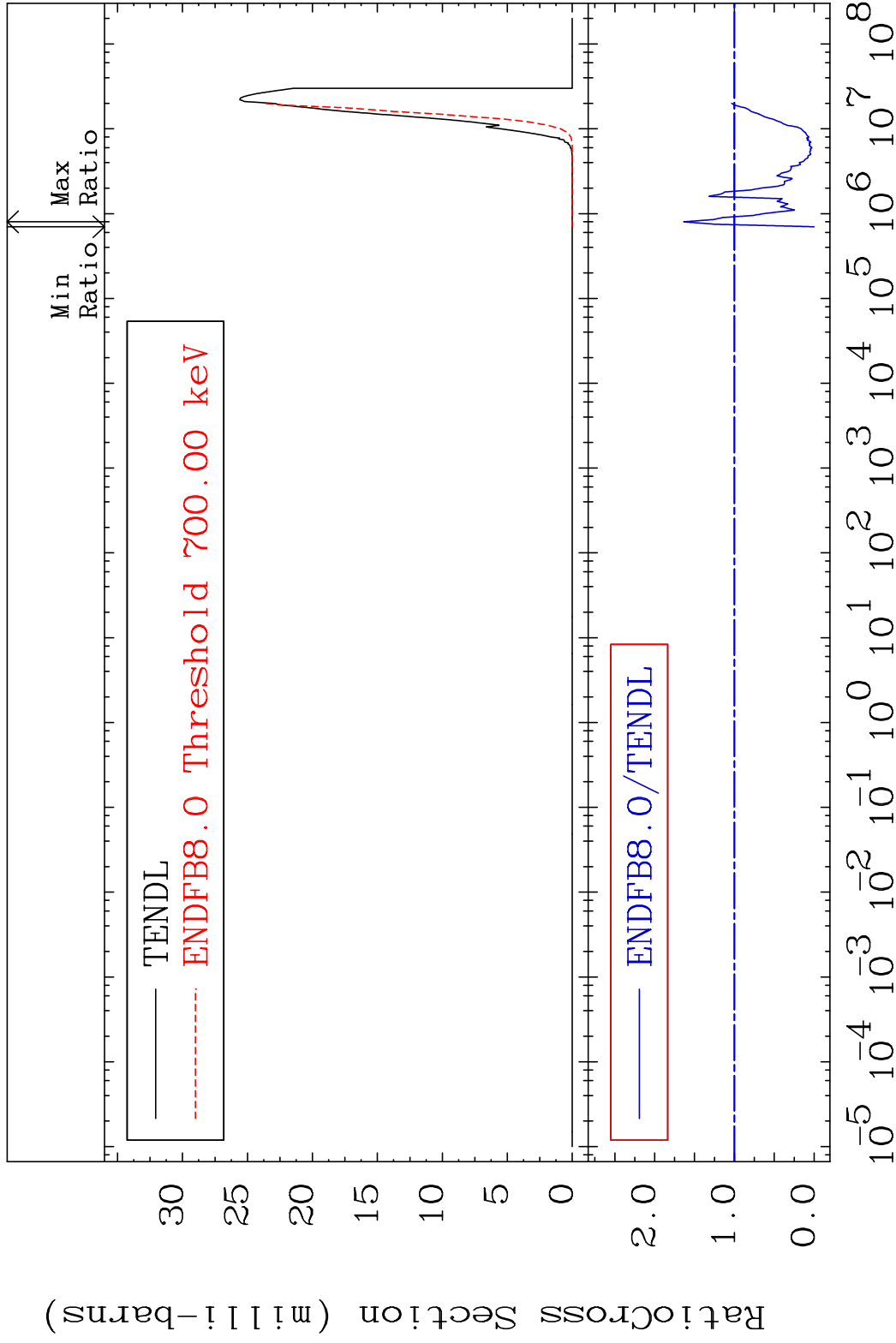
Incident Energy (eV) 65-Tb-160

MAT 6528

(n, p)

65-Tb-160

Cross Section -100.0 To 63.64 %



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Incident Energy (eV)

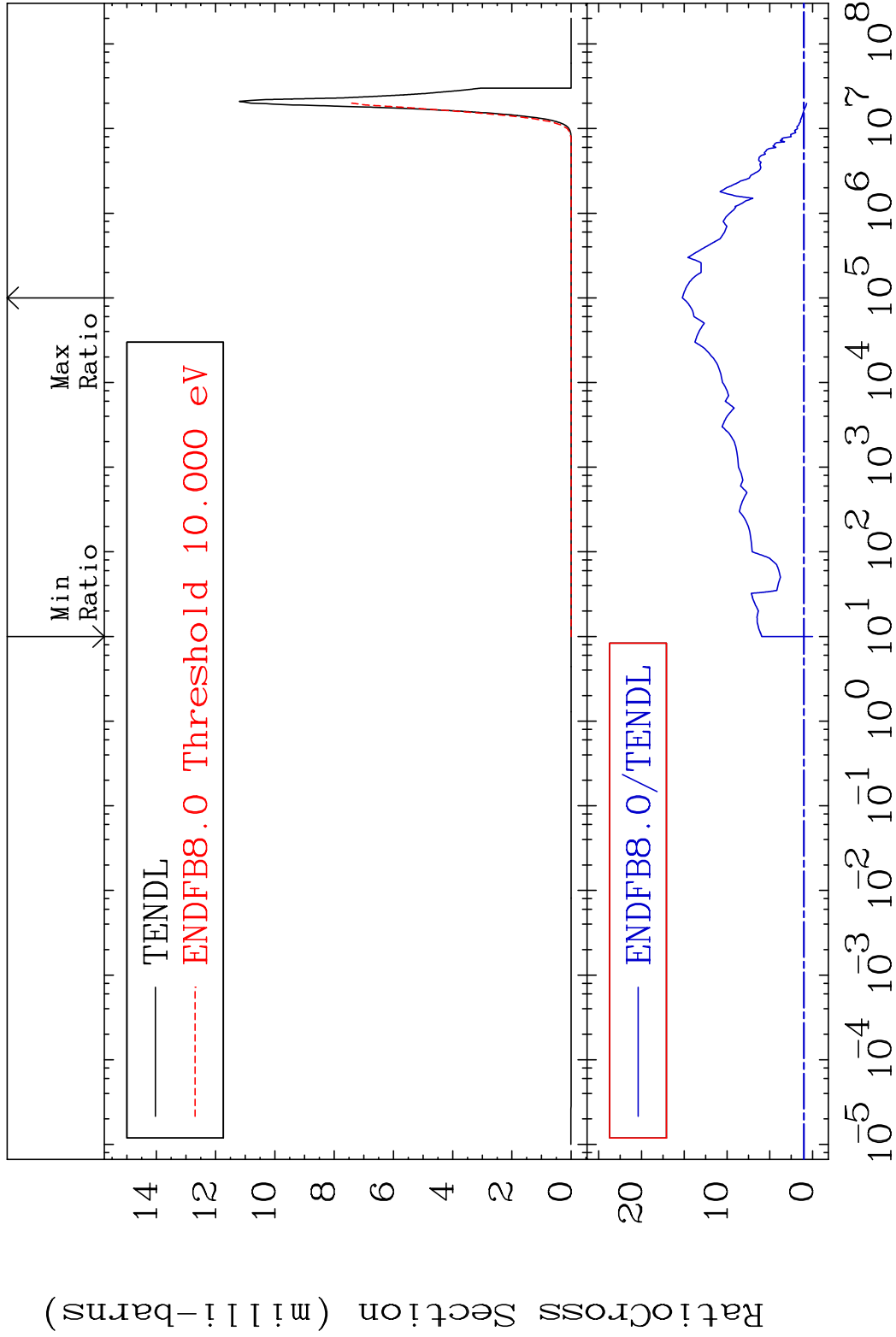
65-Tb-160

MAT 6528

(n, α)

65-Tb-160

Cross Section -100.0 To 1423. %



28

Incident Energy (eV)

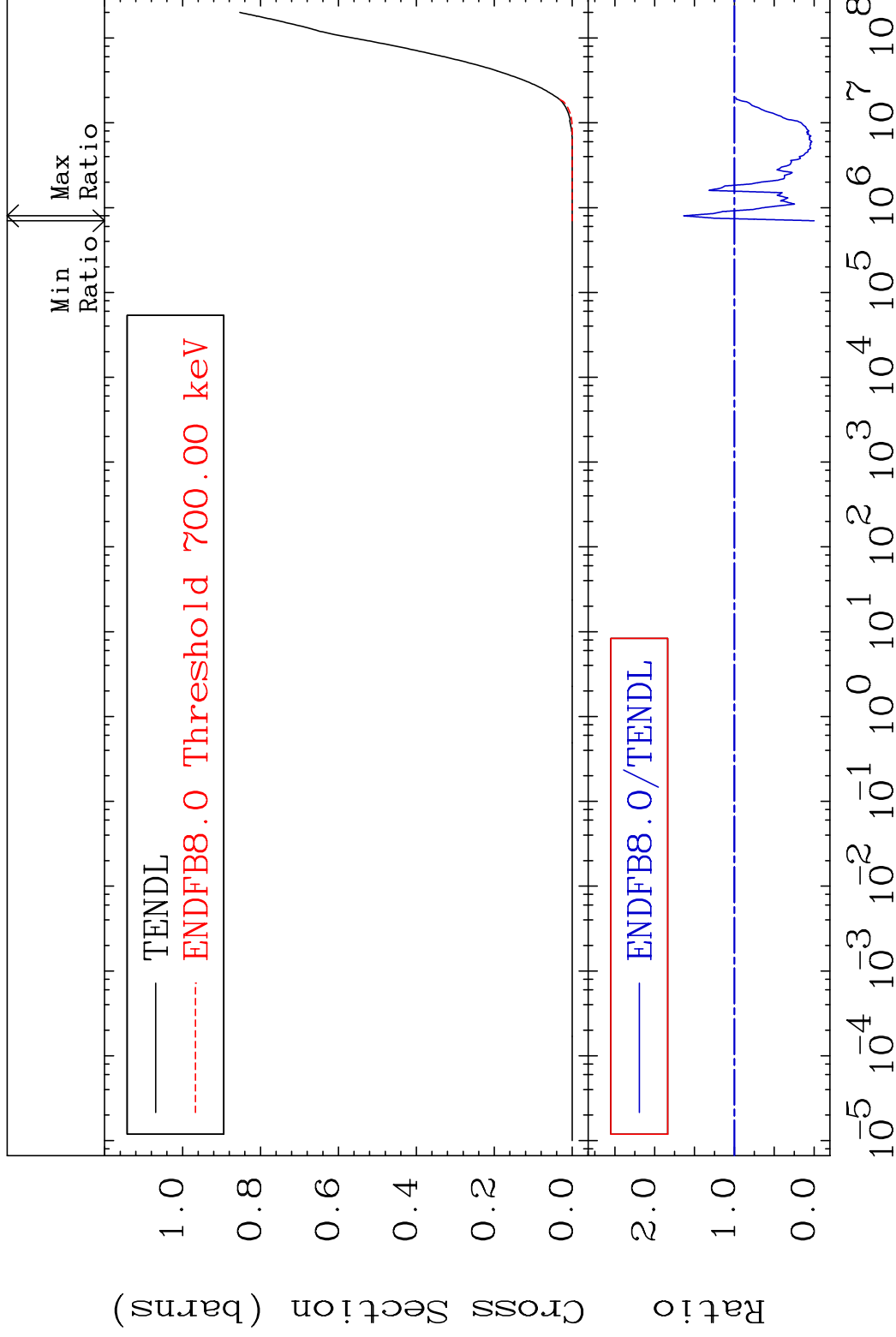
65-Tb-160

MAT 6528

Hydrogen Production

65-Tb-160

Cross Section -100.0 To 63.64 %



29

Incident Energy (eV)

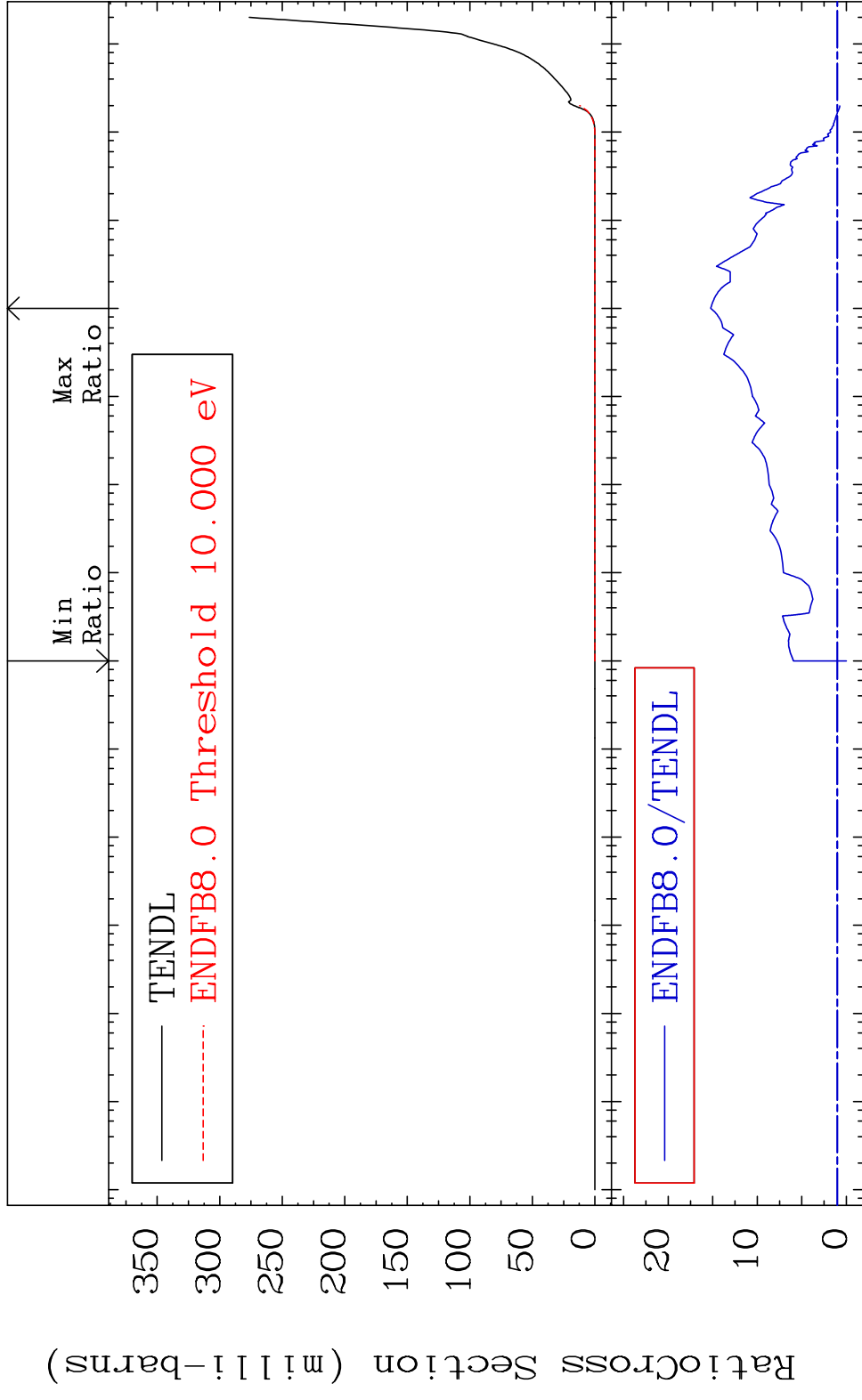
65-Tb-160

MAT 6528

He-4 Production

65-Tb-160

Cross Section -100.0 To 1423. %

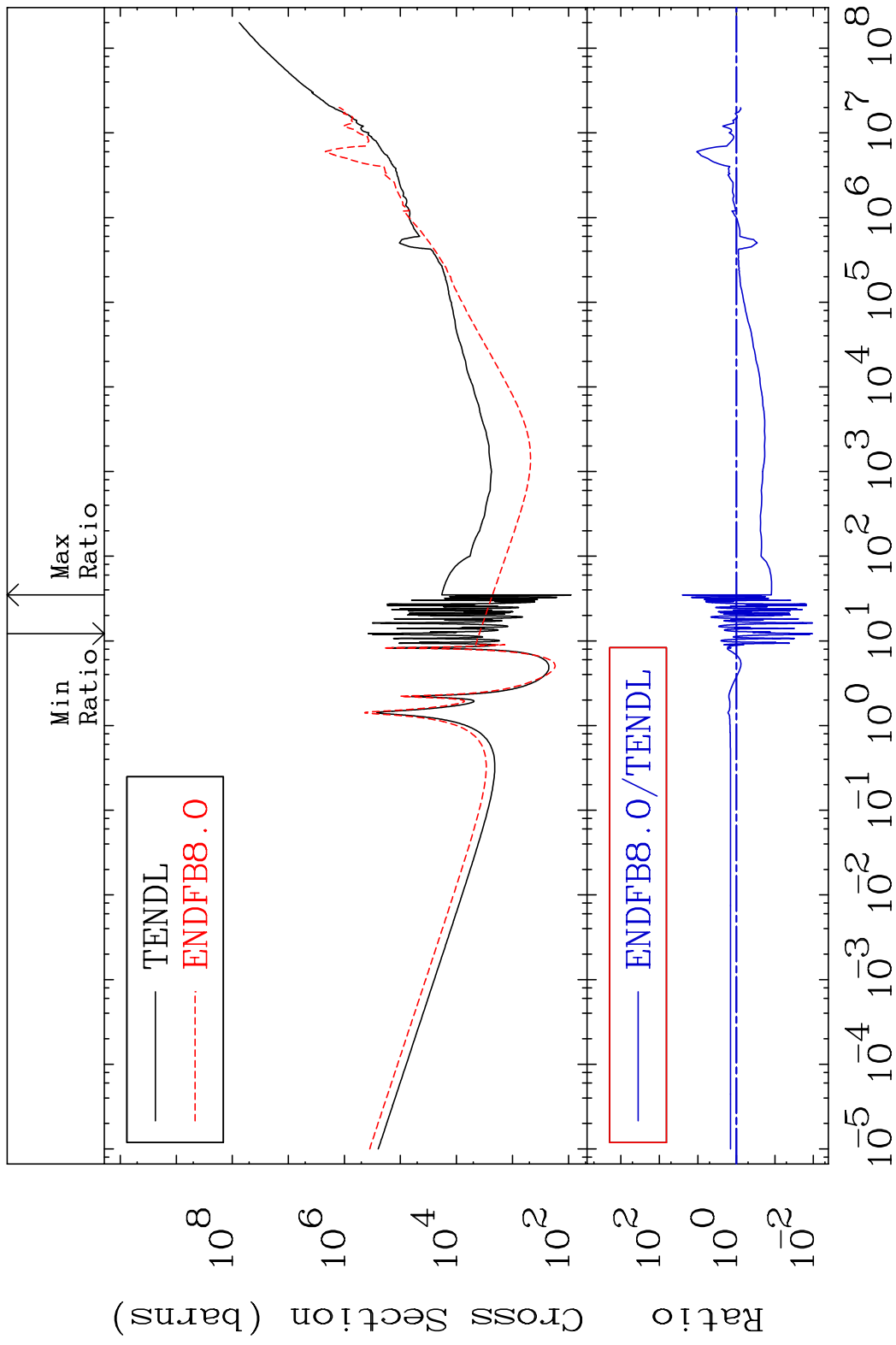


30

Incident Energy (eV)

65-Tb-160

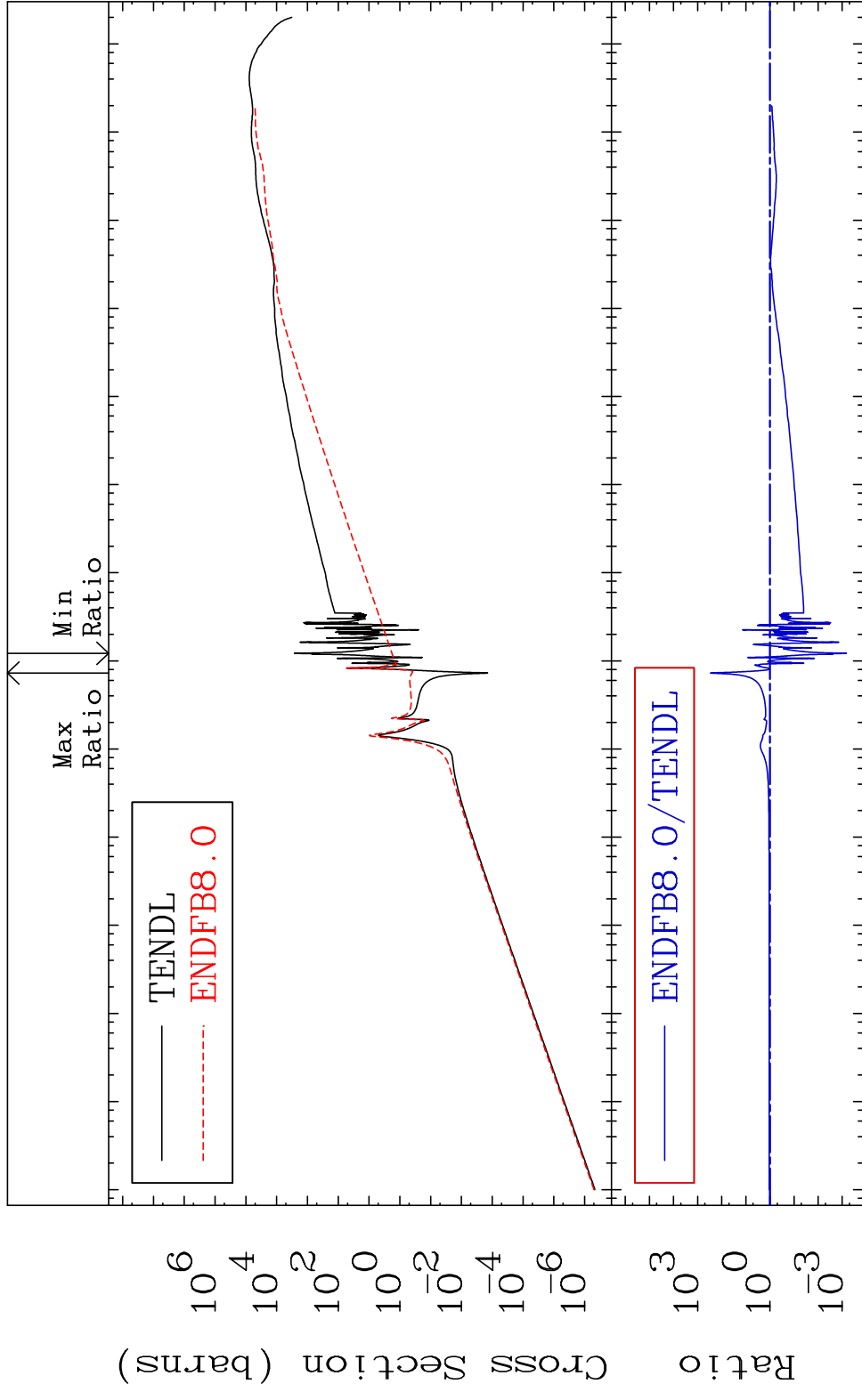
MAT 6528 Kerma total (eV-barns) 65-Tb-160
 Cross Section -98.95 To 2434. %



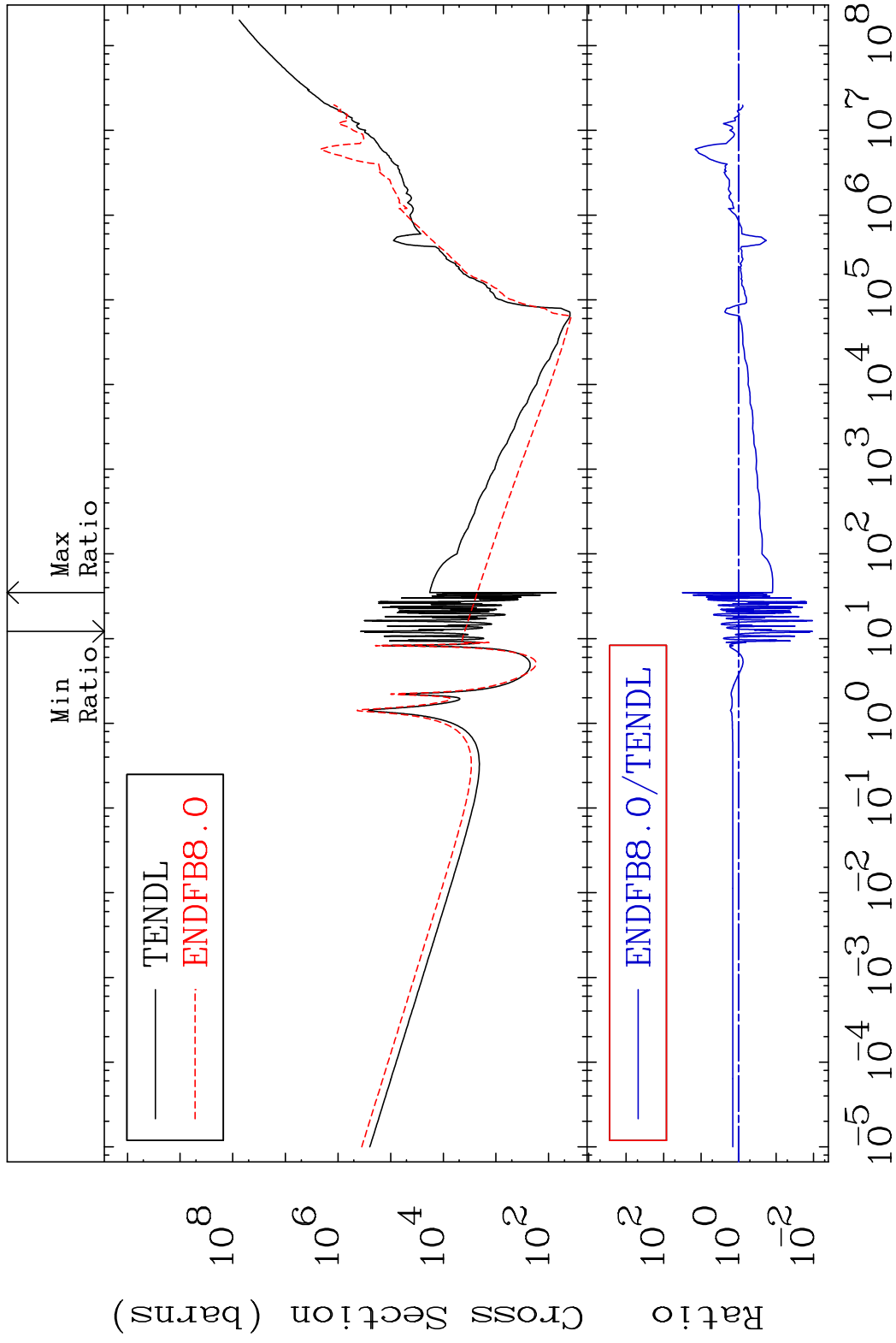
MAT 6528

Kerma elastic Cross Section -99.93 To 9999. %

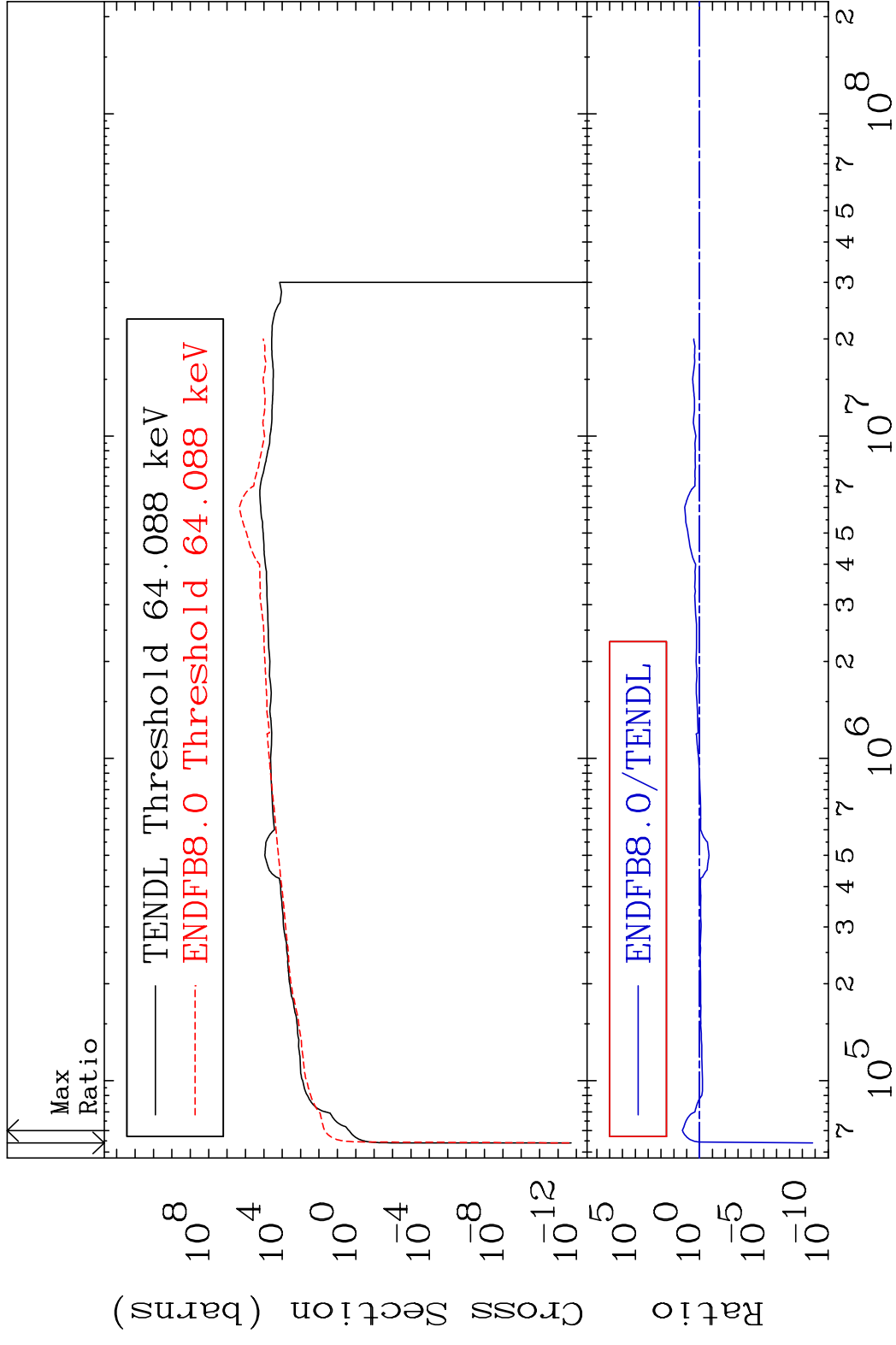
65-Tb-160



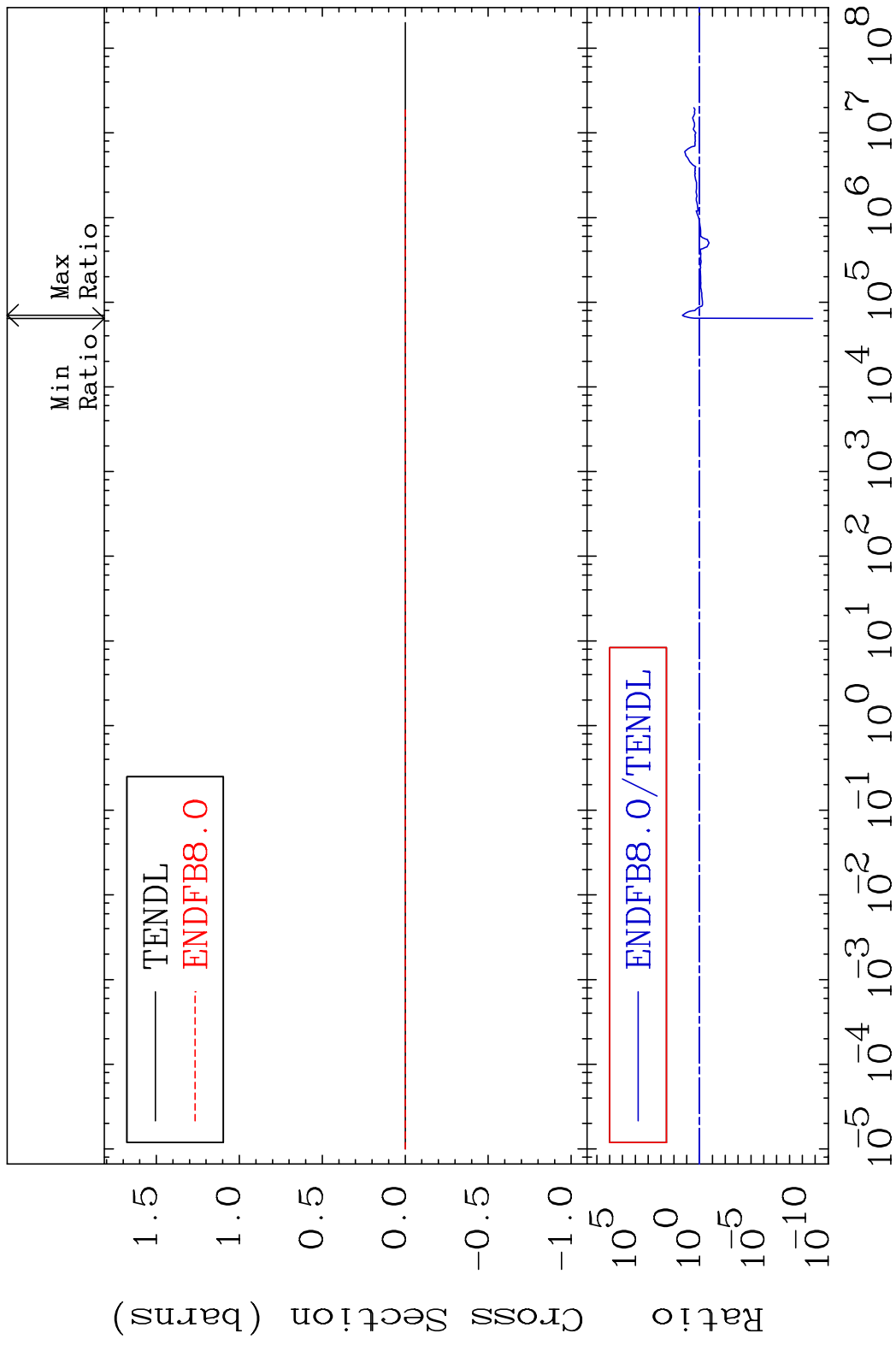
MAT 6528 Kerma non-elastic (all but mt2) 65-Tb-160
 Cross Section -98.94 To 3061. %



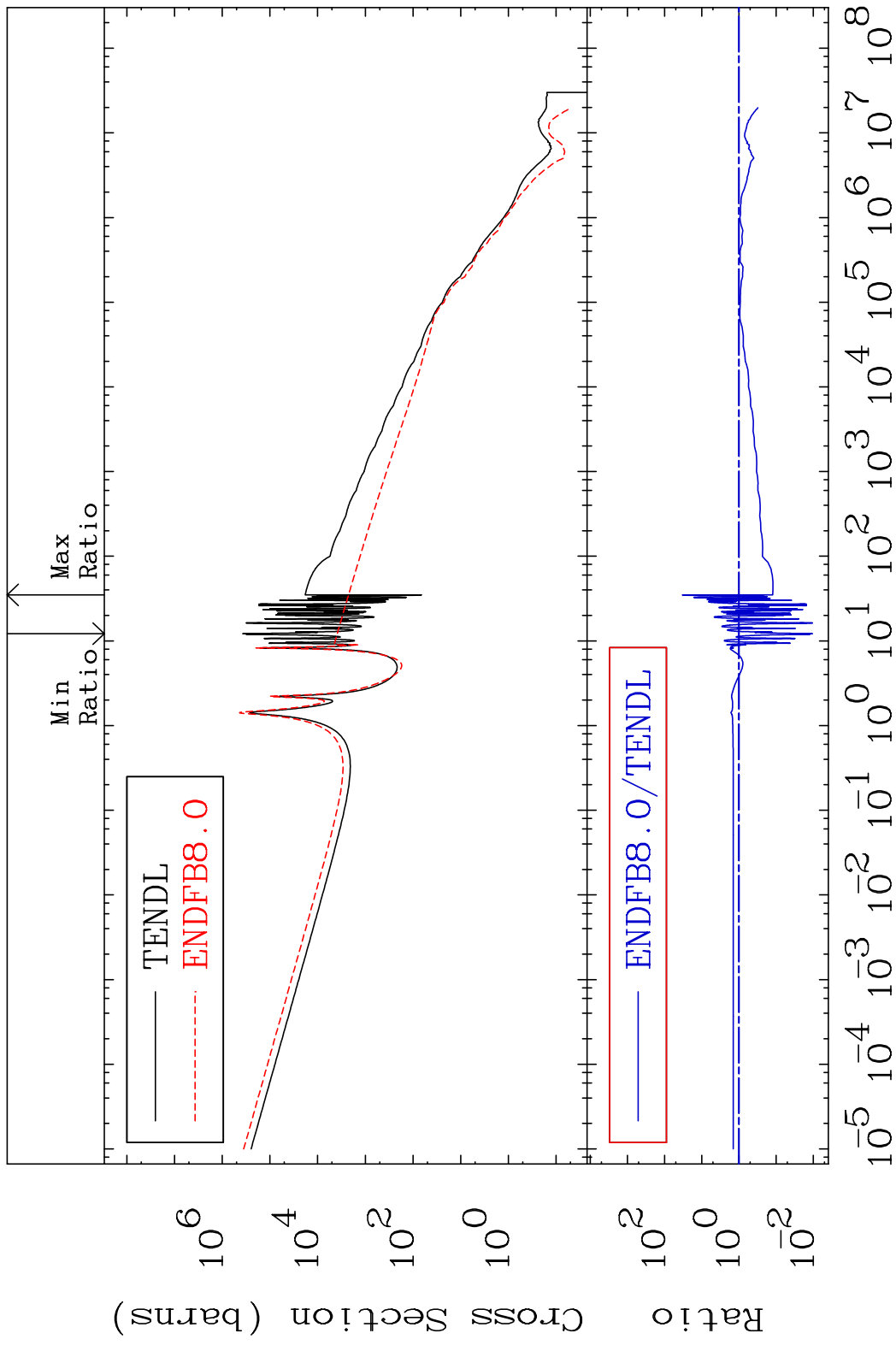
MAT 6528 Kerma inelastic (mt51-91) 65-Tb-160
 Cross Section -100.0 To 2098. %



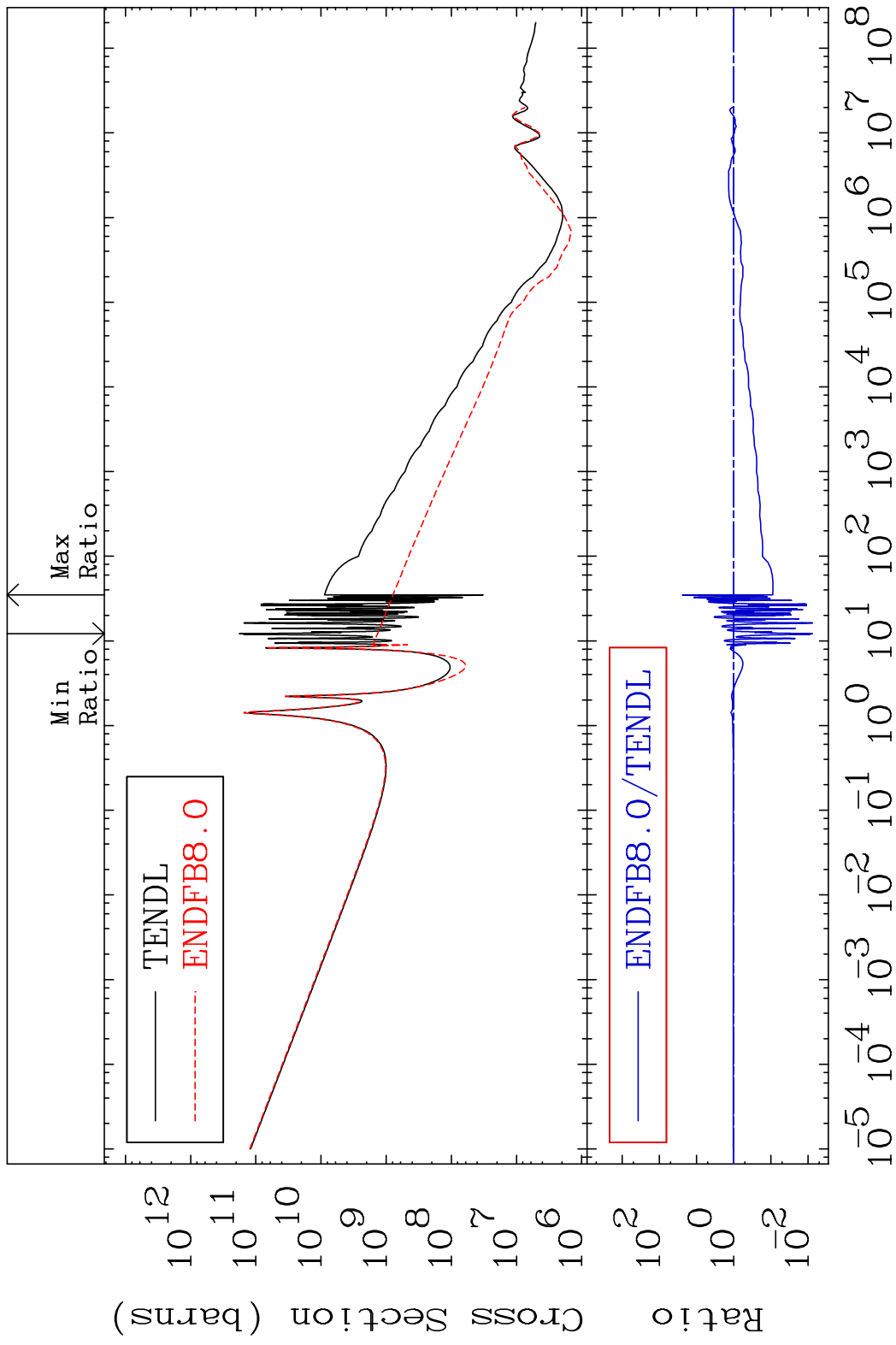
MAT 6528 Kerma fission (mt18 or mt19-20-21-38) 65-Tb-160
 Cross Section -100.0 To 2098.0 %



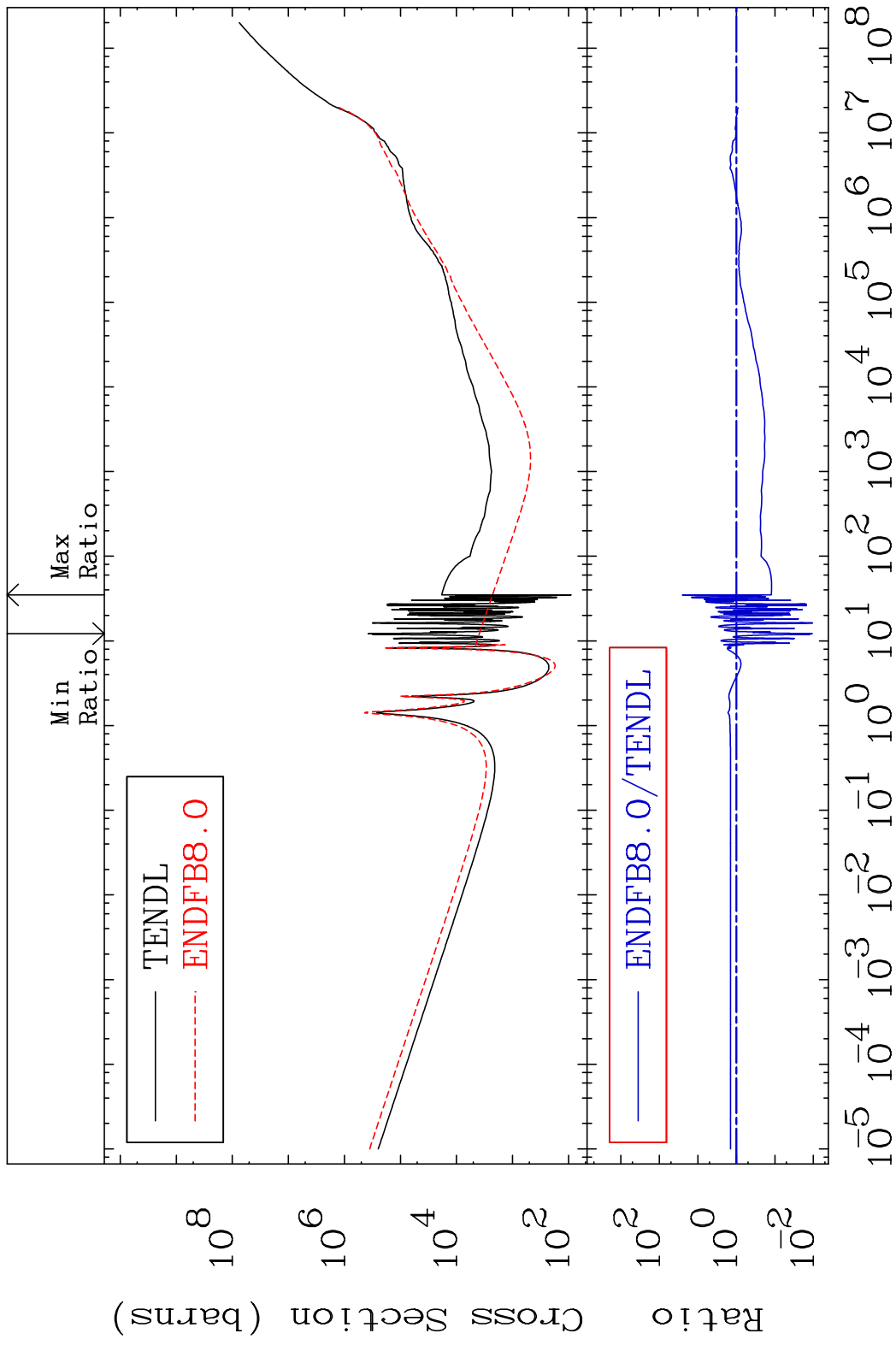
MAT 6528 Kerma capture (mt102) 65-Tb-160
 Cross Section -98.95 To 3233. %



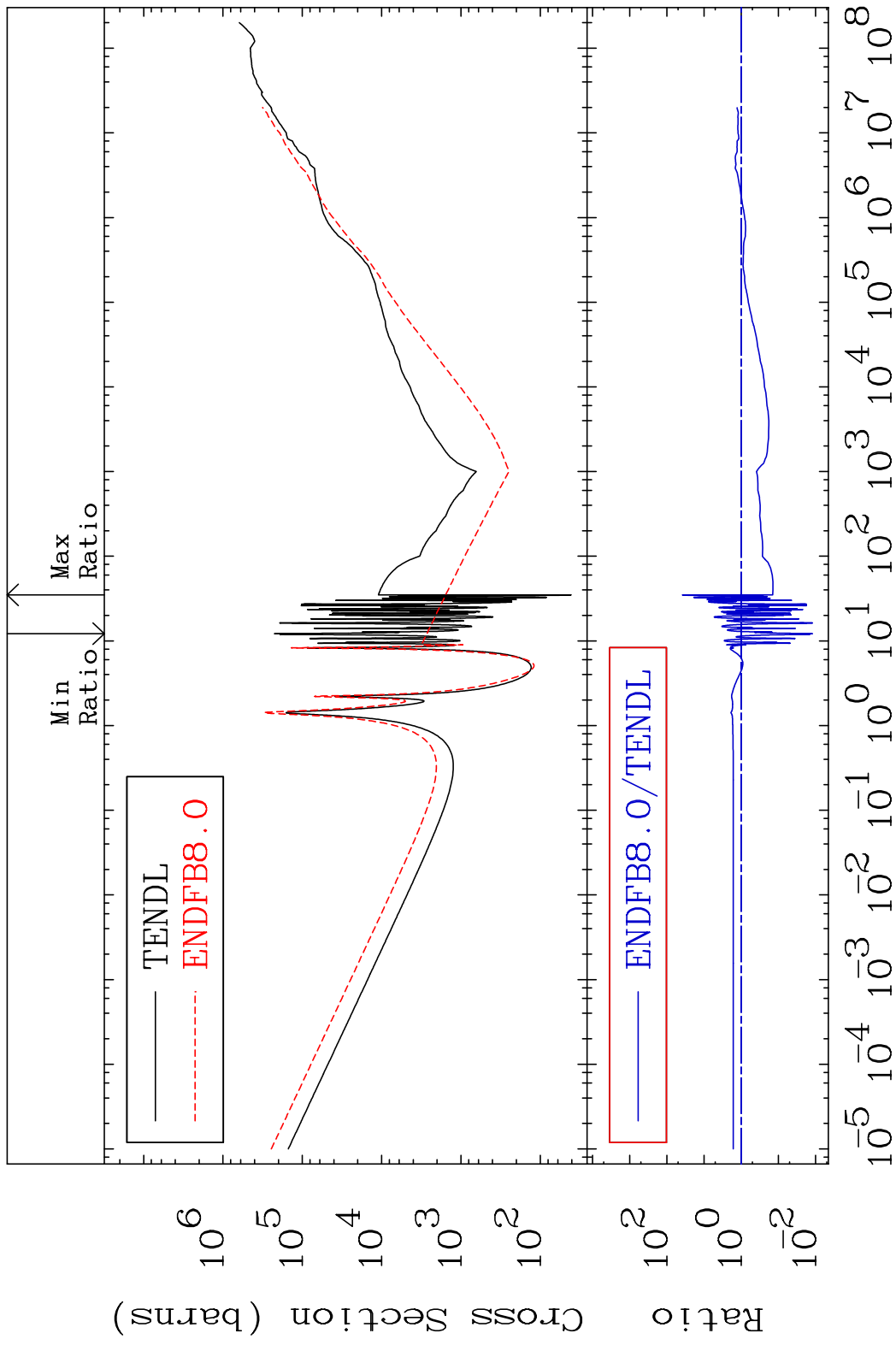
MAT 6528 Total photon (eV-barns) 65-Tb-160
 Cross Section -99.24 To 2302. %



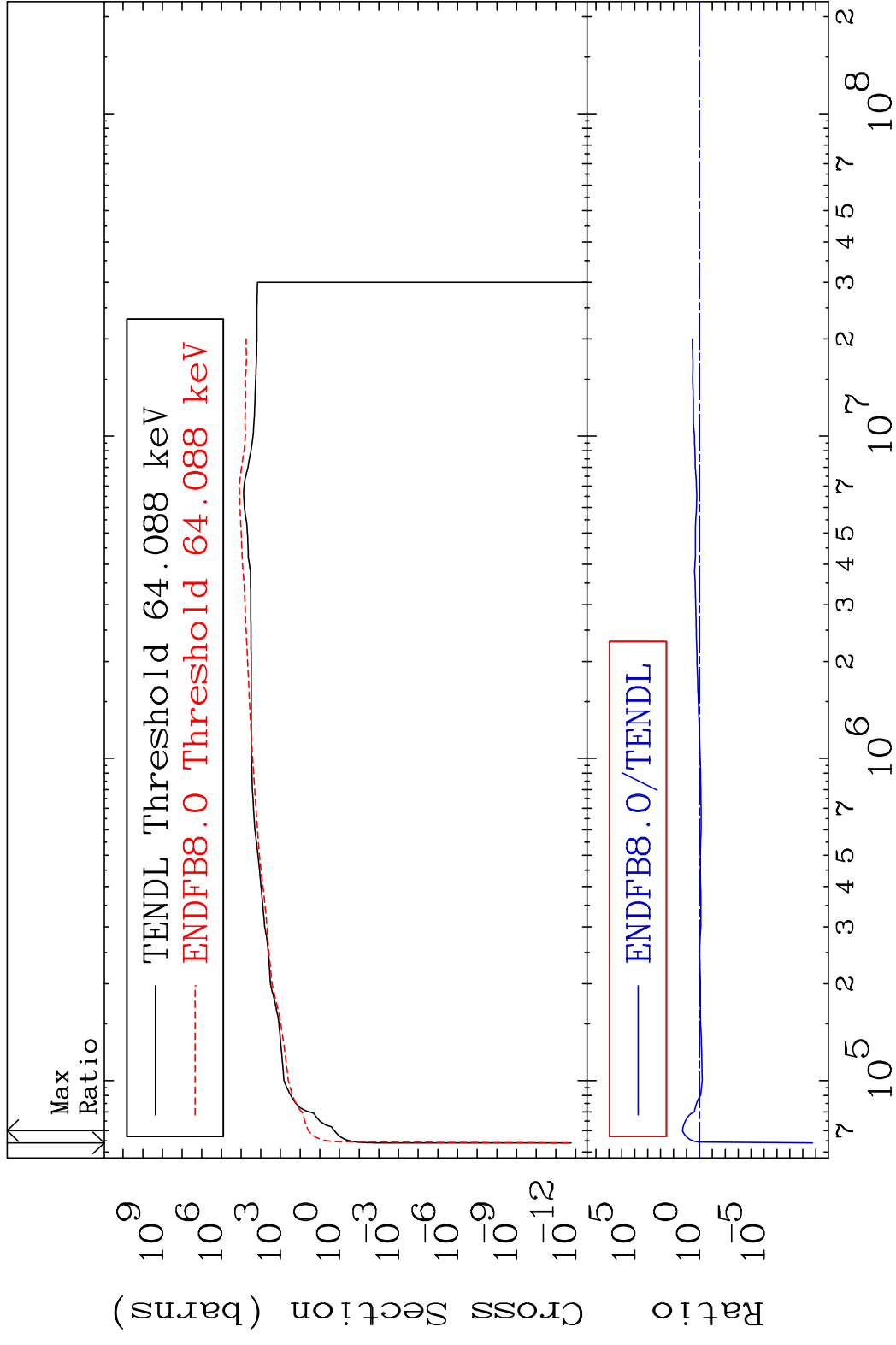
MAT 6528 Total kinematic kerma (high limit) 65-Tb-160
 Cross Section -98.95 To 2433. %



MAT 6528 Dpa total (eV-barns) 65-Tb-160
 Cross Section -98.80 To 3718. %



MAT 6528 Dpa inelastic (mt51-91) 65-Tb-160
 Cross Section -100.0 To 1978. %



MAT 6528 Dpa disappearance (mt102 -120) 65-Tb-160
 Cross Section -98.80 To 3718. %

