

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

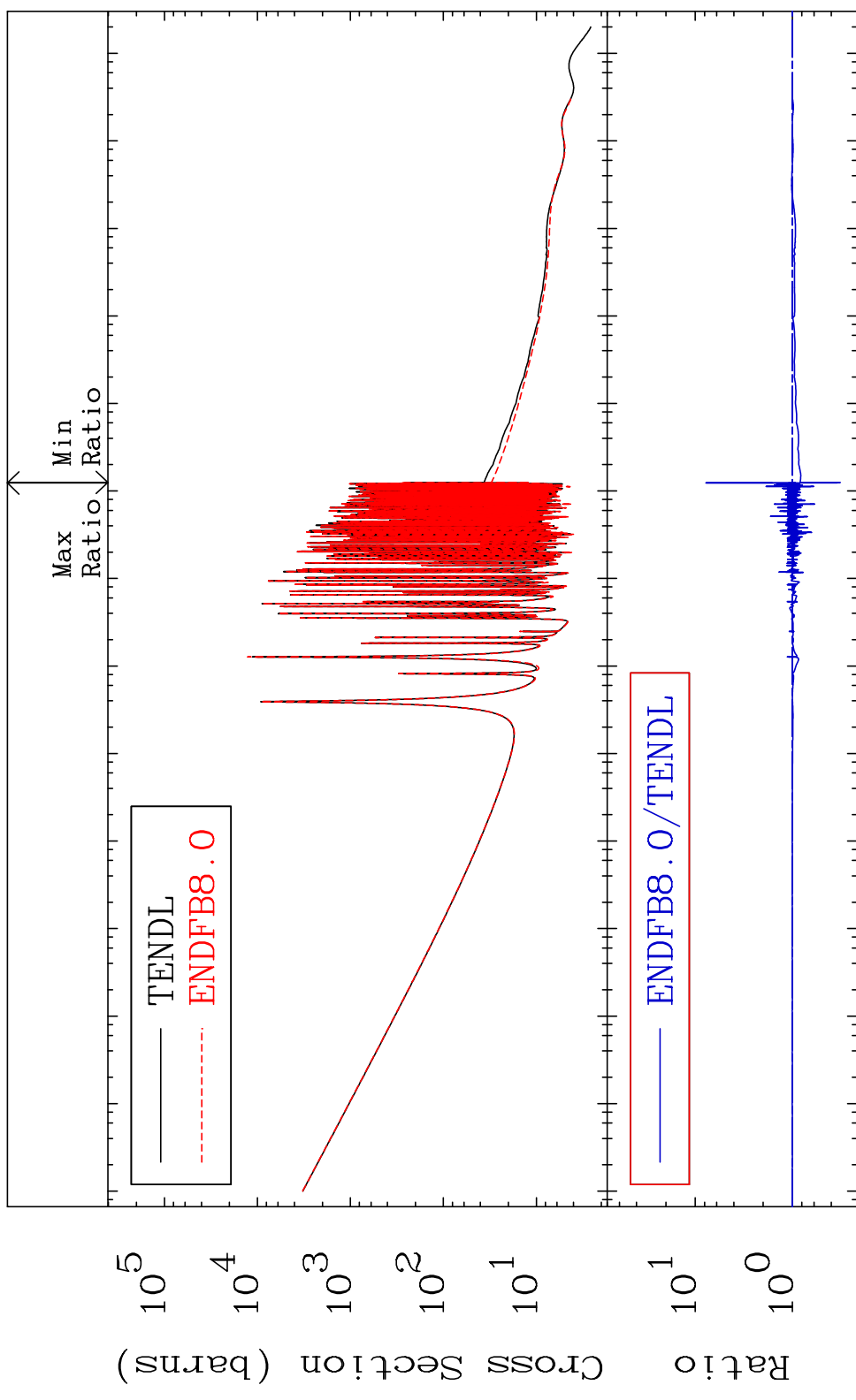
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 6725

Total Cross Section 67-Ho-165
-67.84 To 678.0 %



10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵ Incident Energy (eV)

1 67-Ho-165

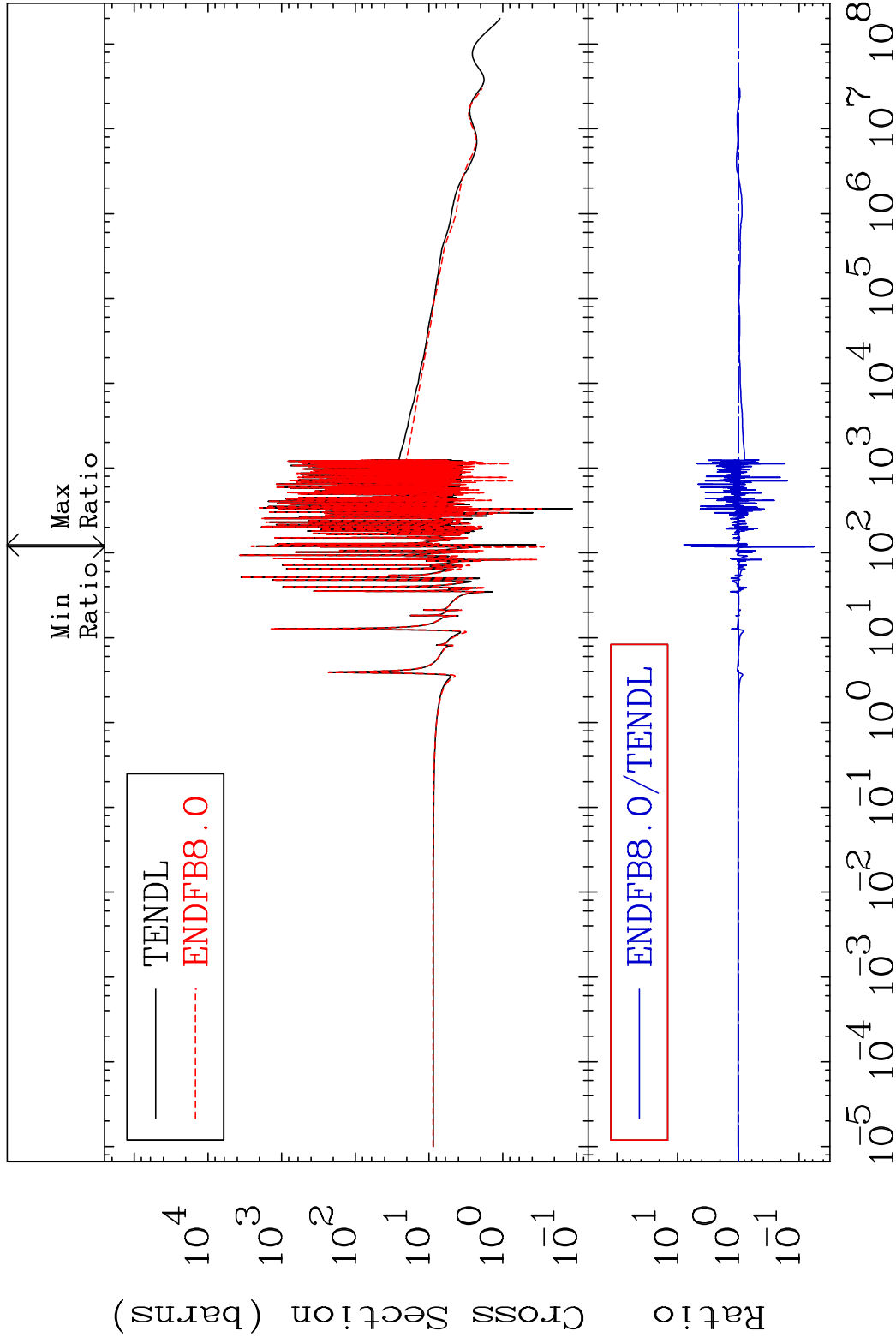
MAT 6725

Elastic

67-Ho-165

Cross Section

-94.35 To 695.3 %

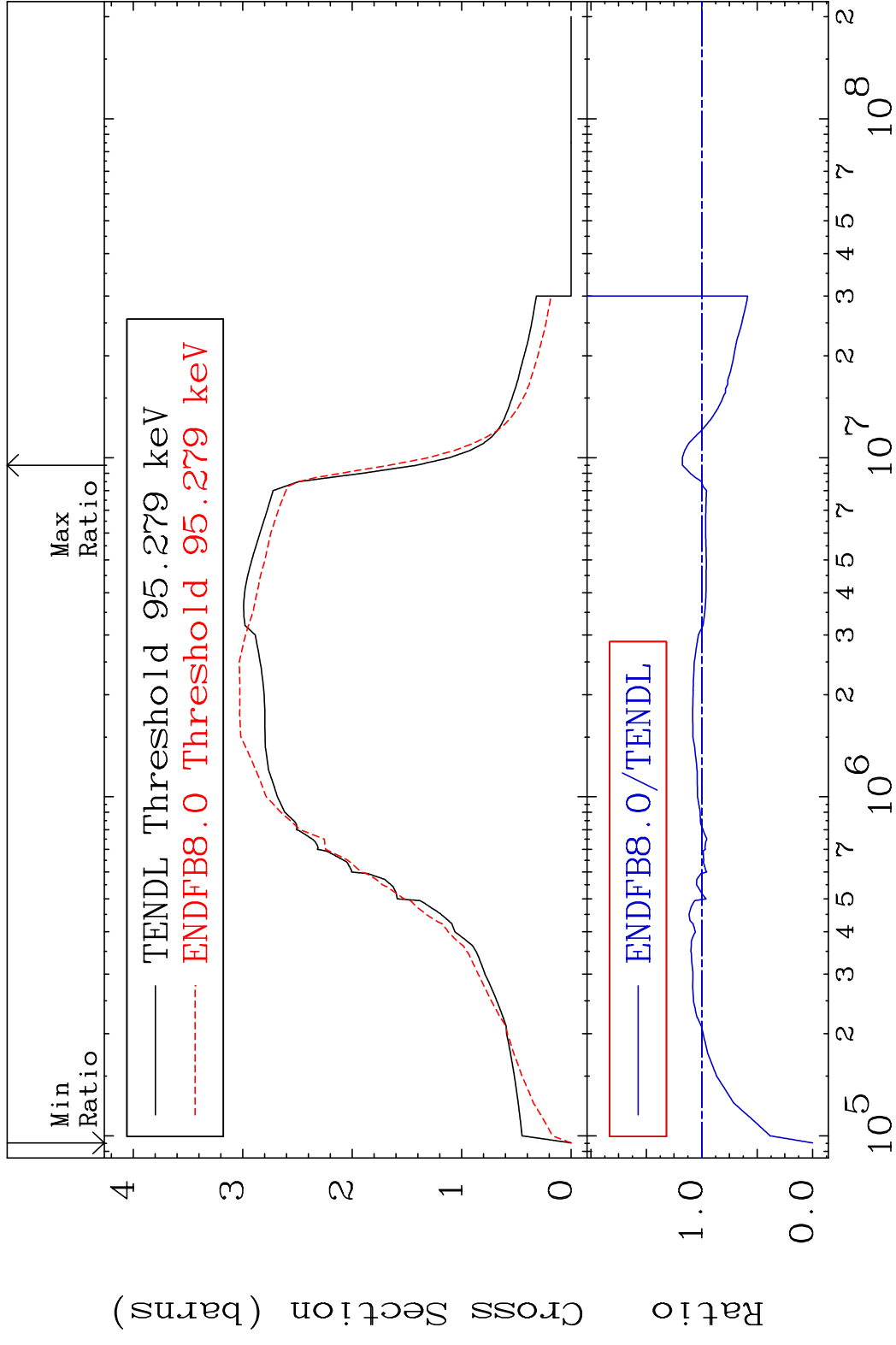


2

Incident Energy (eV)

67-Ho-165

MAT 6725 Inelastic Cross Section -100.0 To 17.50 % 67-Ho-165



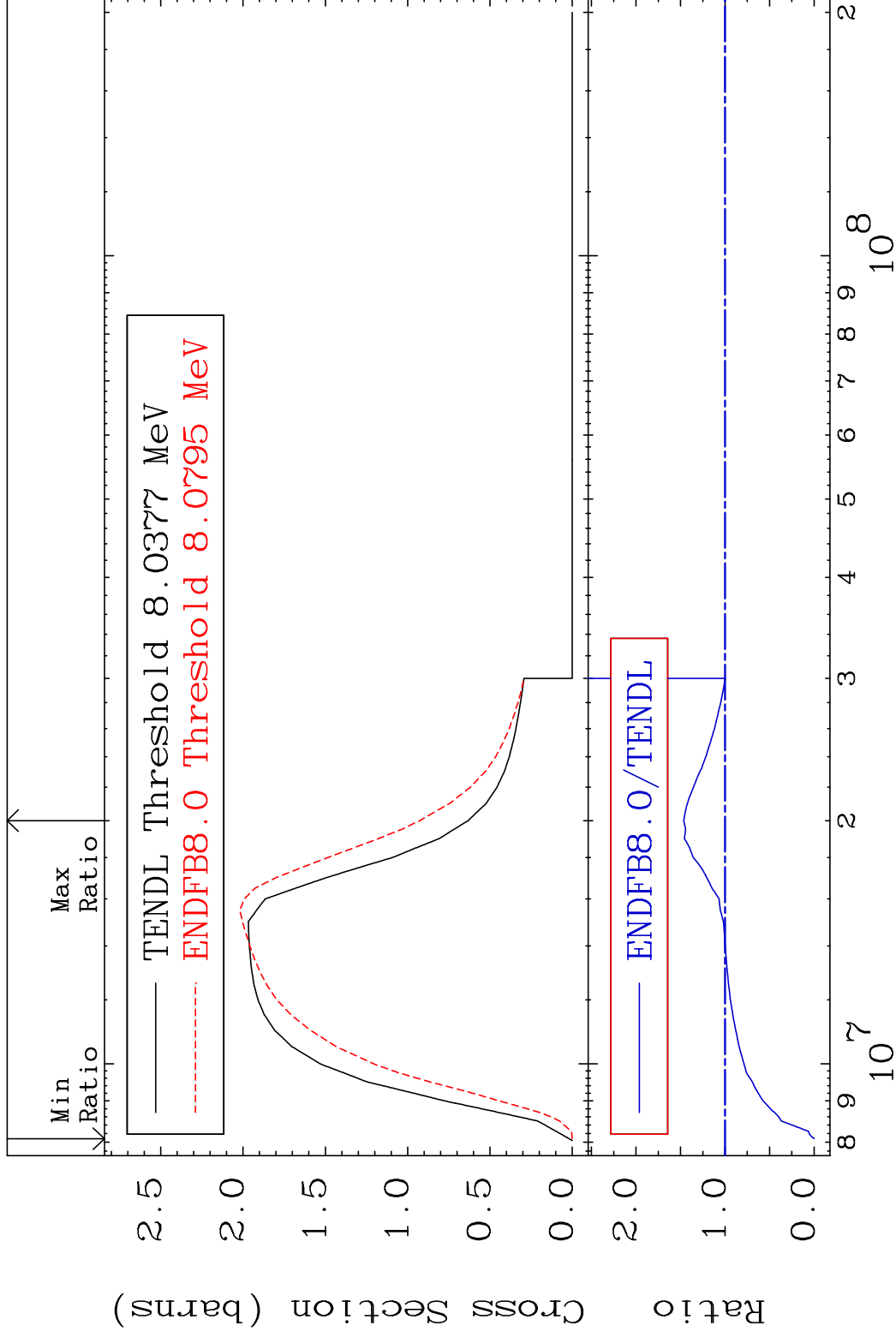
3 Incident Energy (eV) 67-Ho-165

MAT 6725

(n,2n)

67-Ho-165

Cross Section -100.0 To 46.48 %



4

Incident Energy (eV)

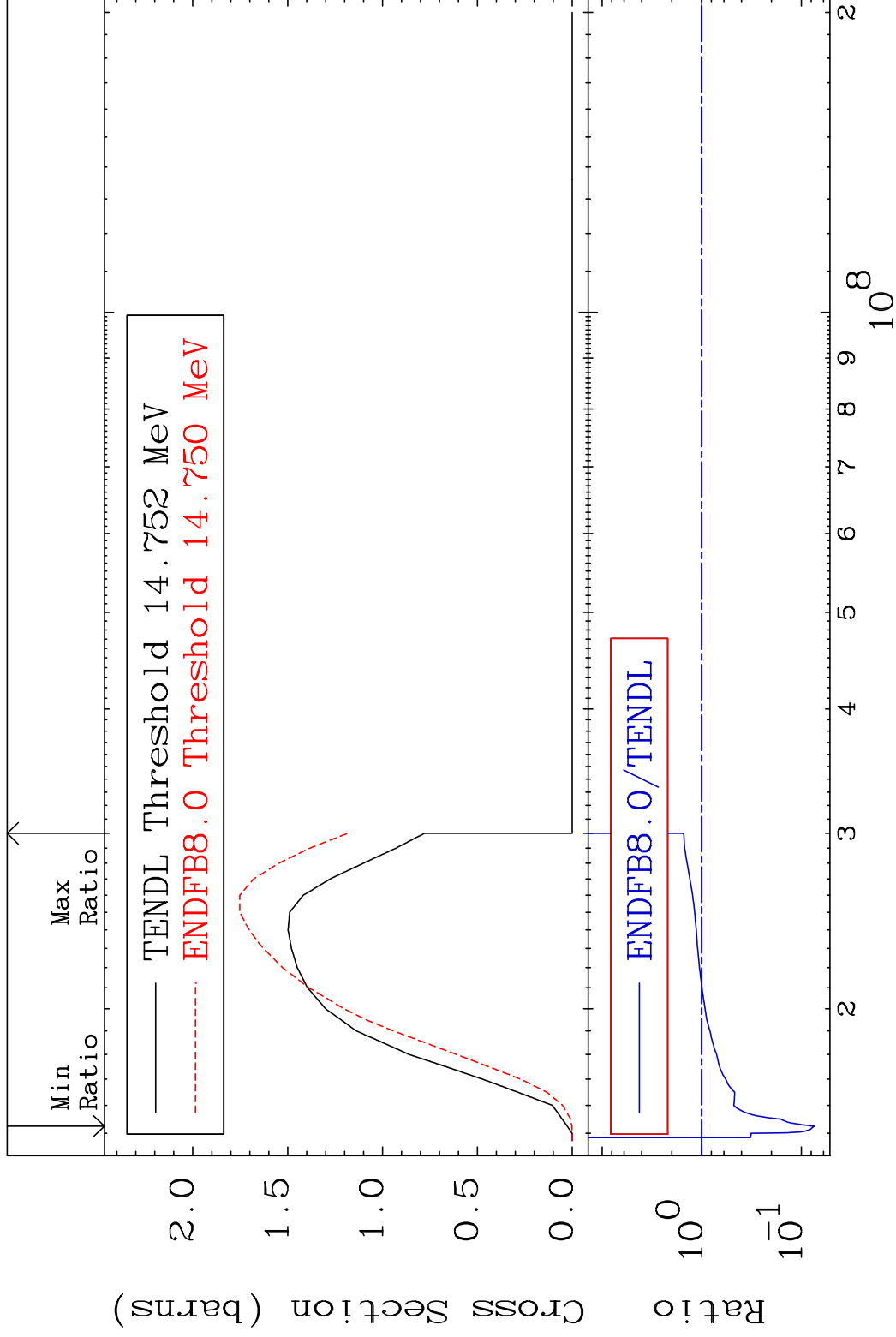
67-Ho-165

MAT 6725

(n,3n)

67-Ho-165

Cross Section -92.53 To 51.86 %



5

Incident Energy (eV)

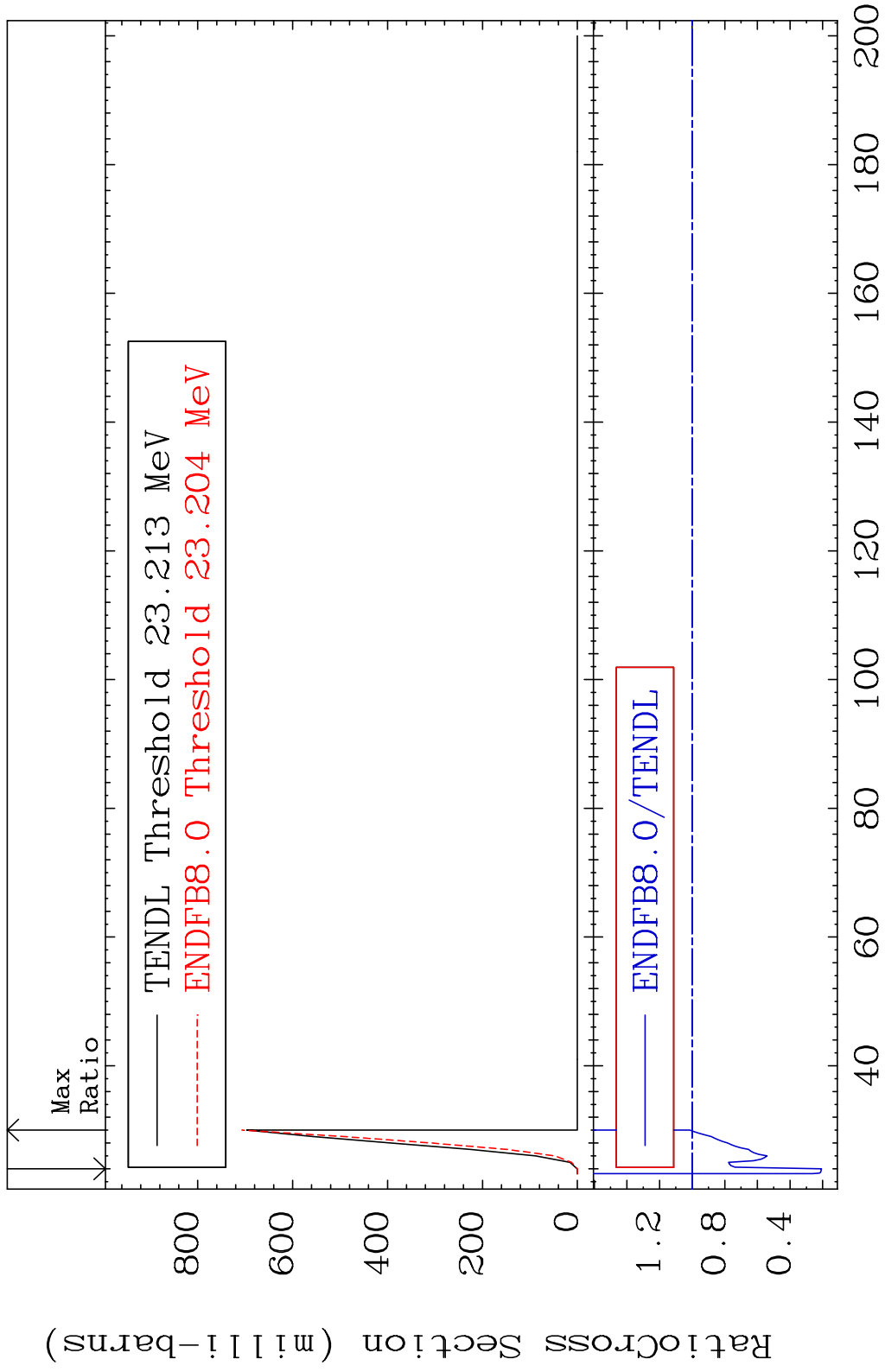
67-Ho-165

MAT 6725

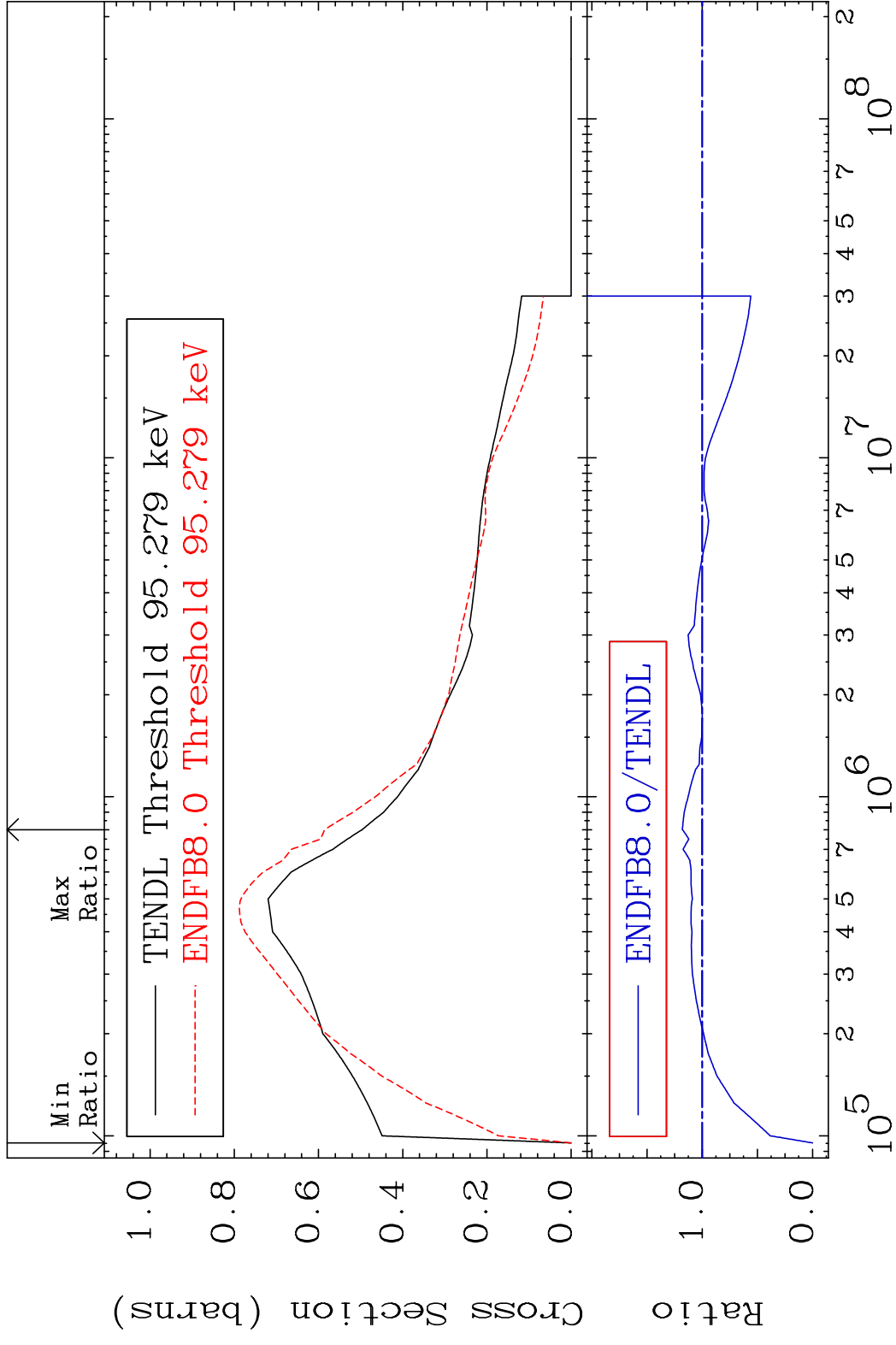
(n,4n)

67-Ho-165

Cross Section -79.22 To 1.460 %

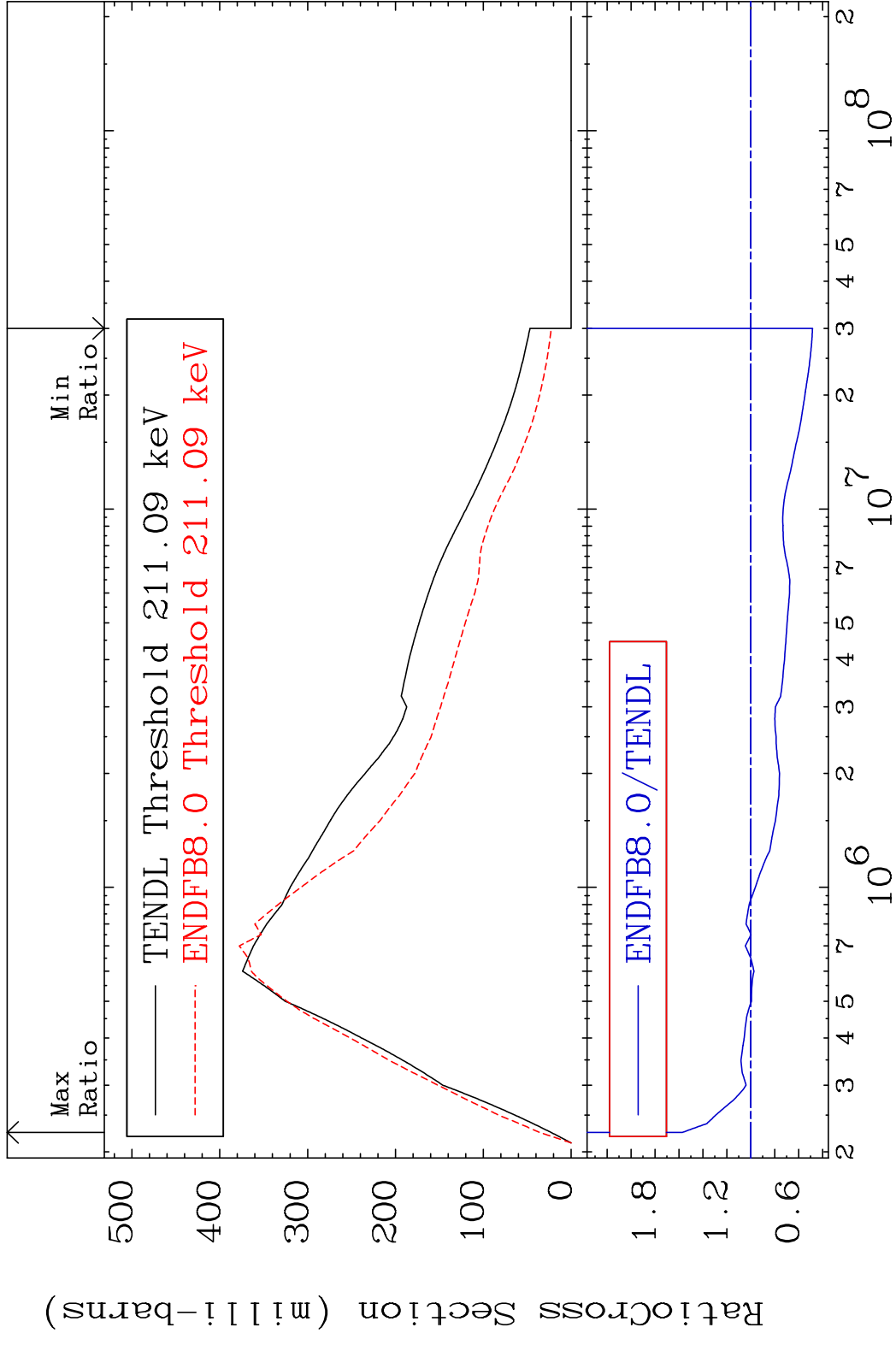


MAT 6725 MT= 51 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 17.96 %

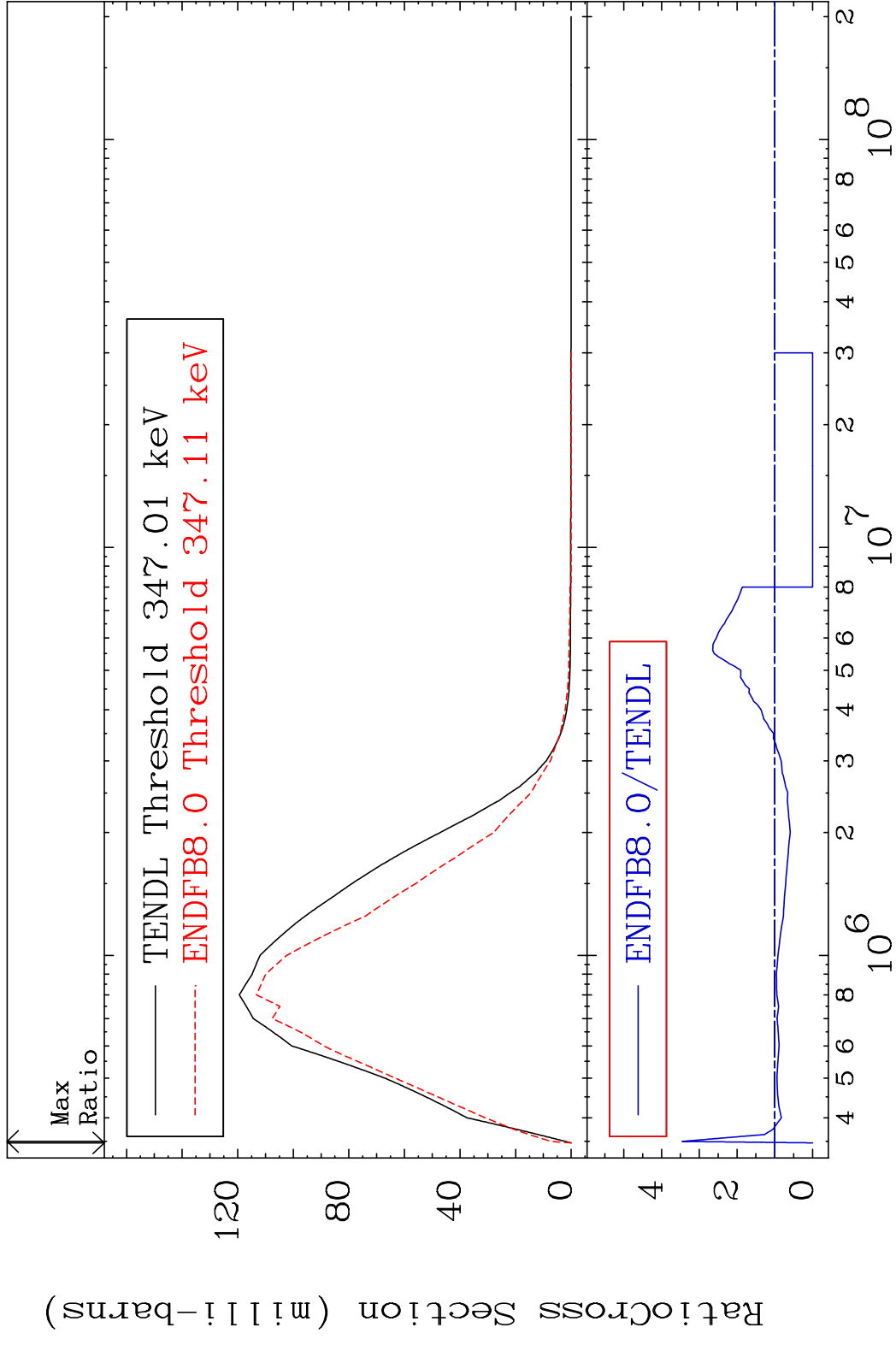


7 Incident Energy (eV) 67-Ho-165

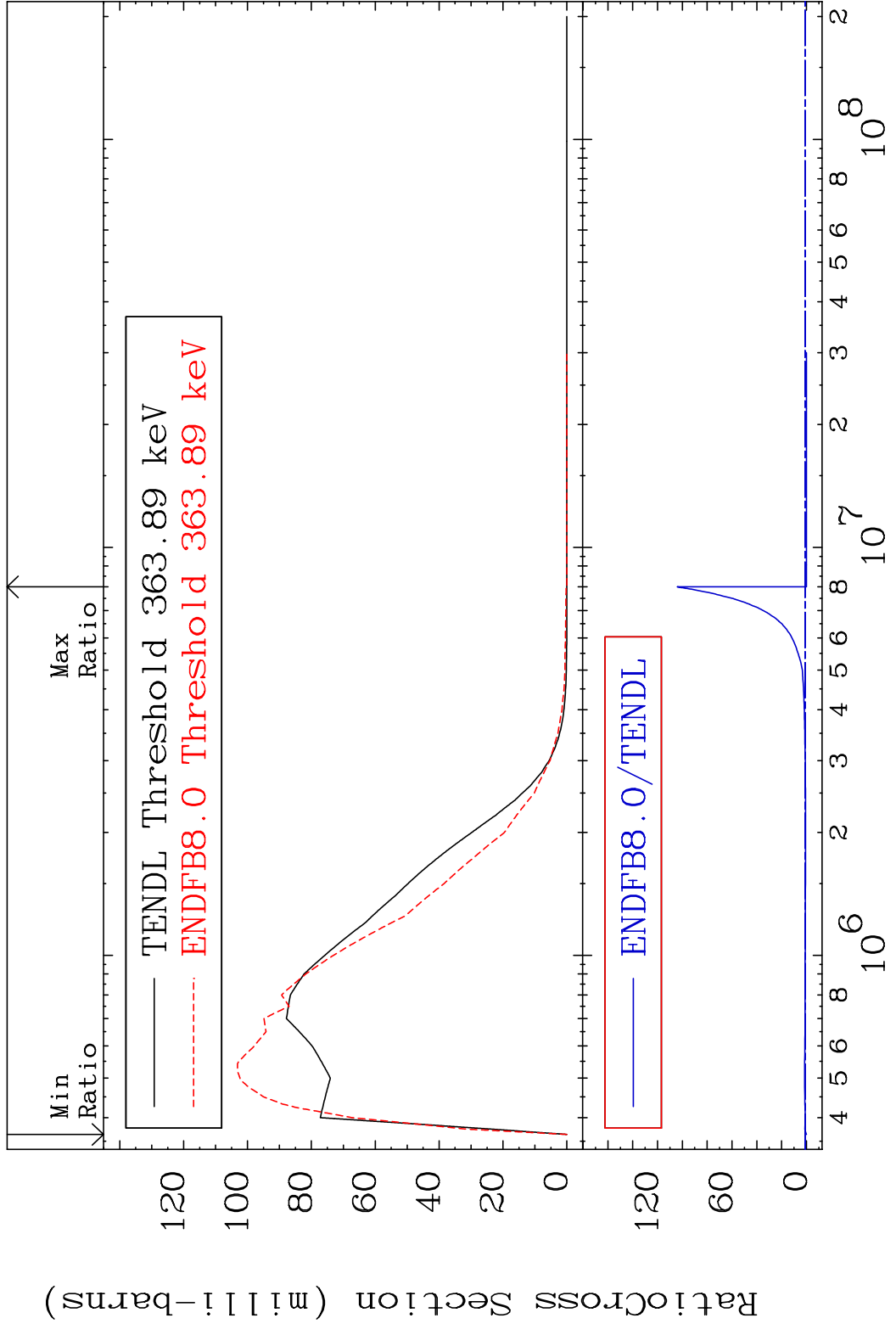
MAT 6725 MT= 52 (n,n') Level 67-Ho-165
 Cross Section -51.61 To 57.11 %



MAT 6725 MT= 53 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 244.9 %

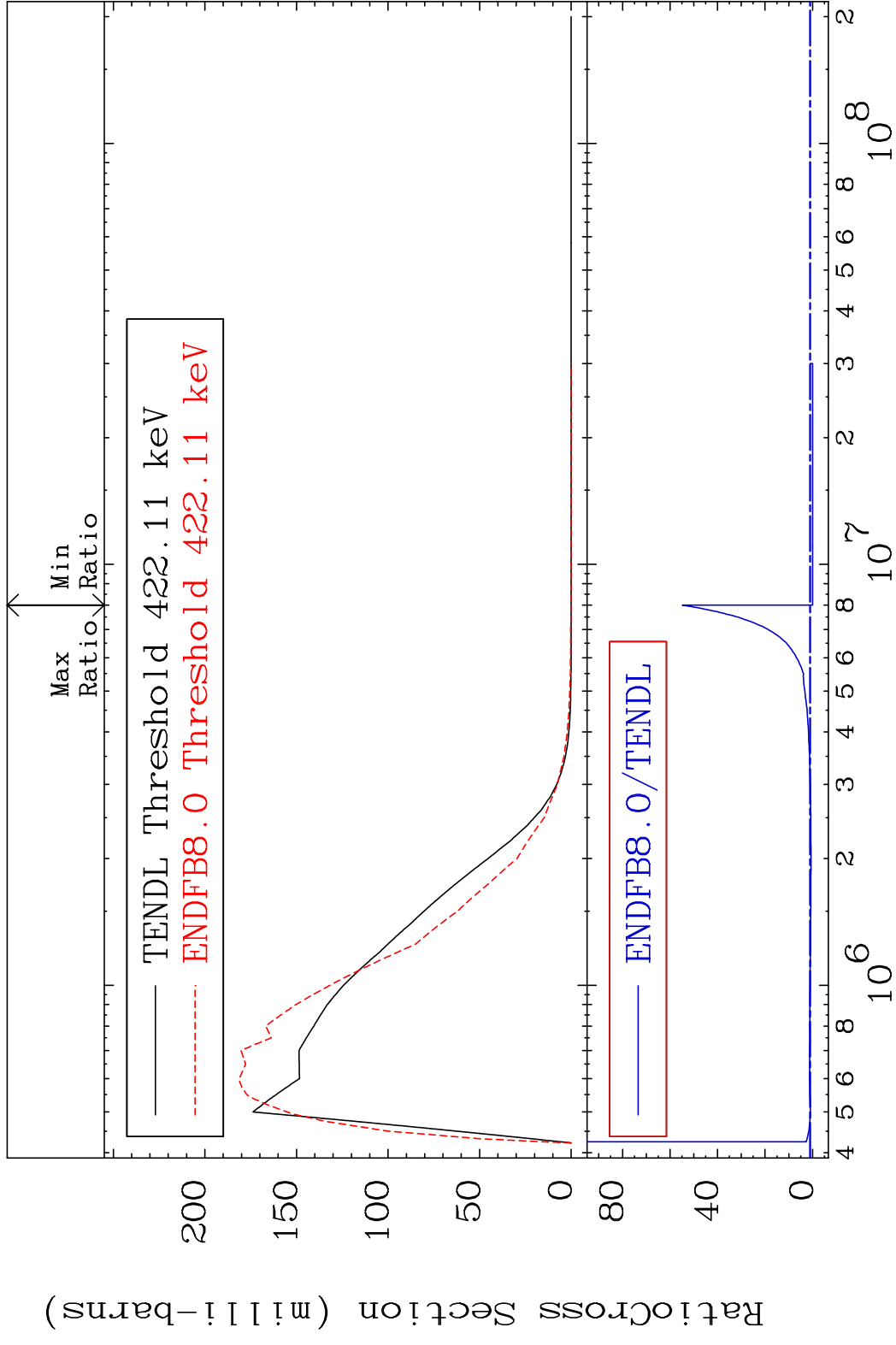


MAT 6725 MT= 54 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 9999. %

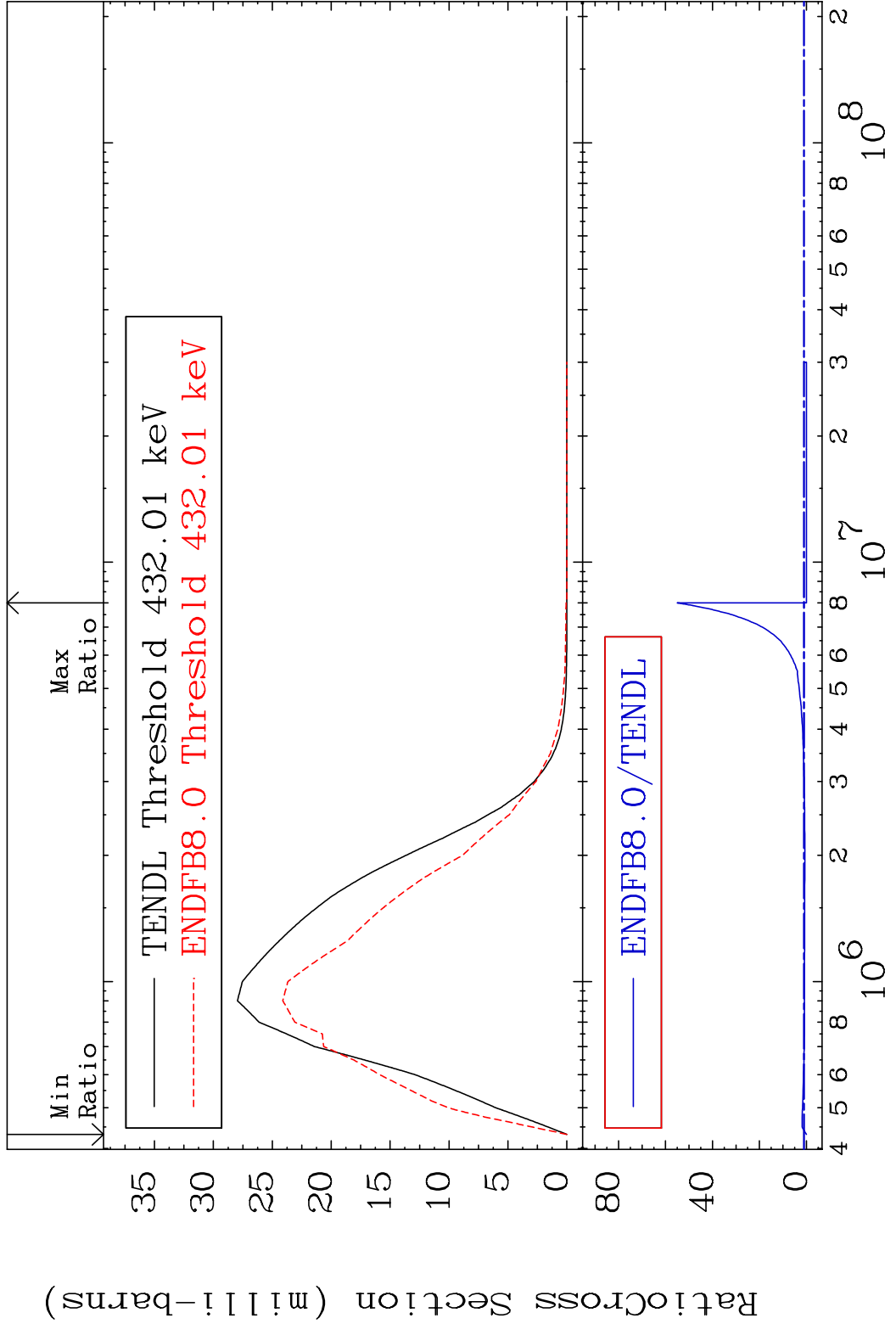


10 Incident Energy (eV) 67-Ho-165

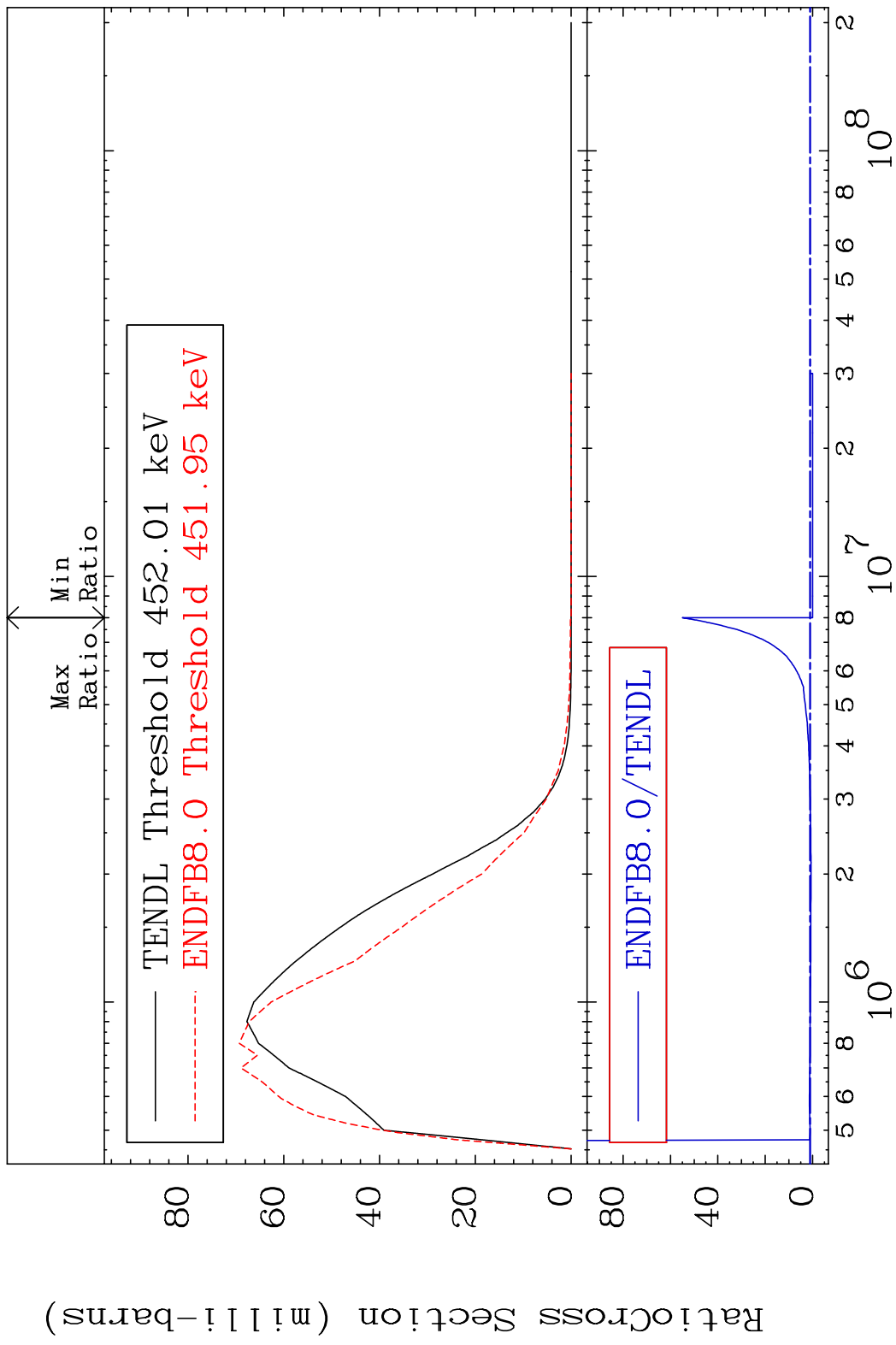
MAT 6725 MT= 55 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 5382. %



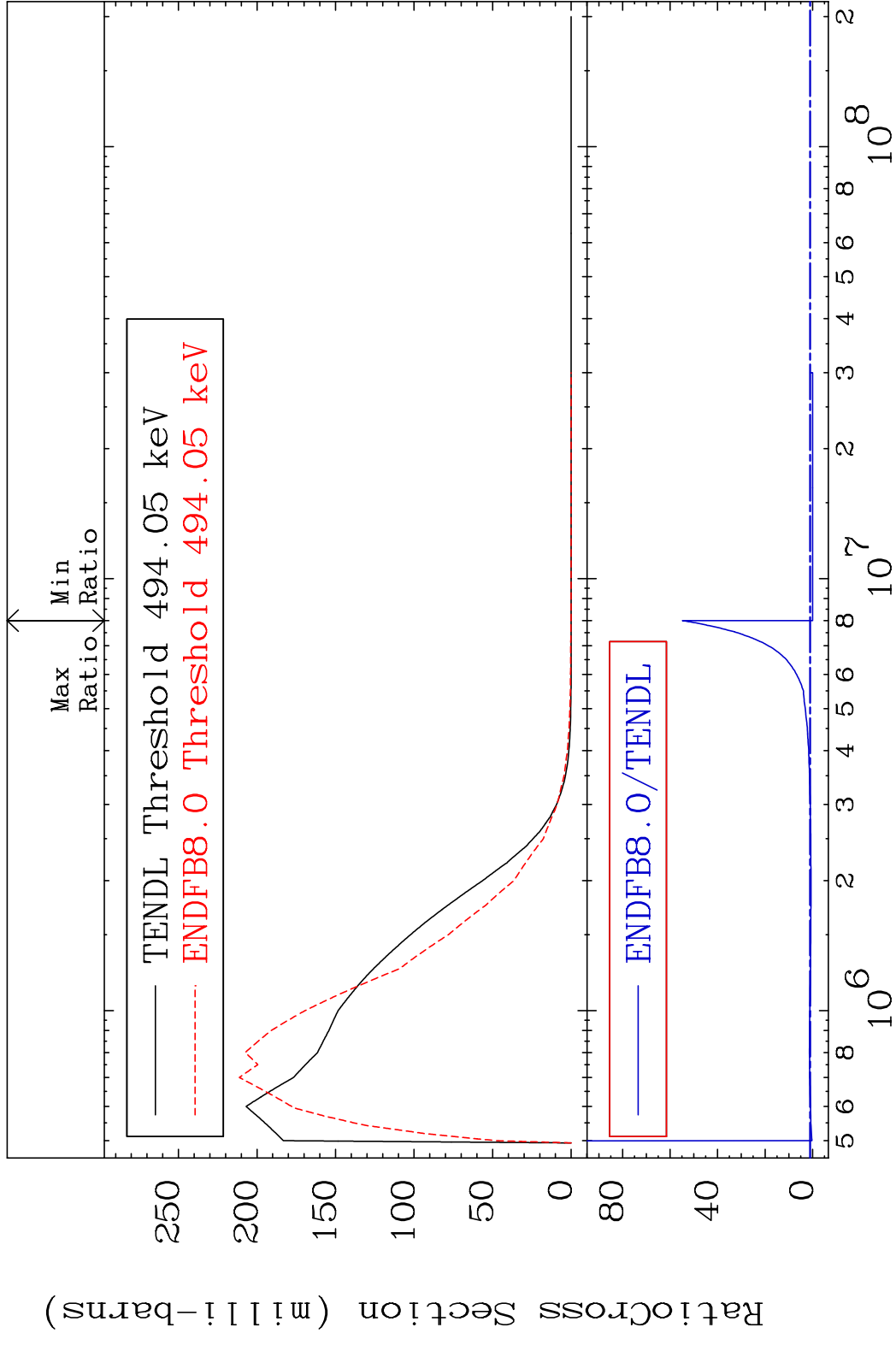
MAT 6725 MT= 56 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 5405. %



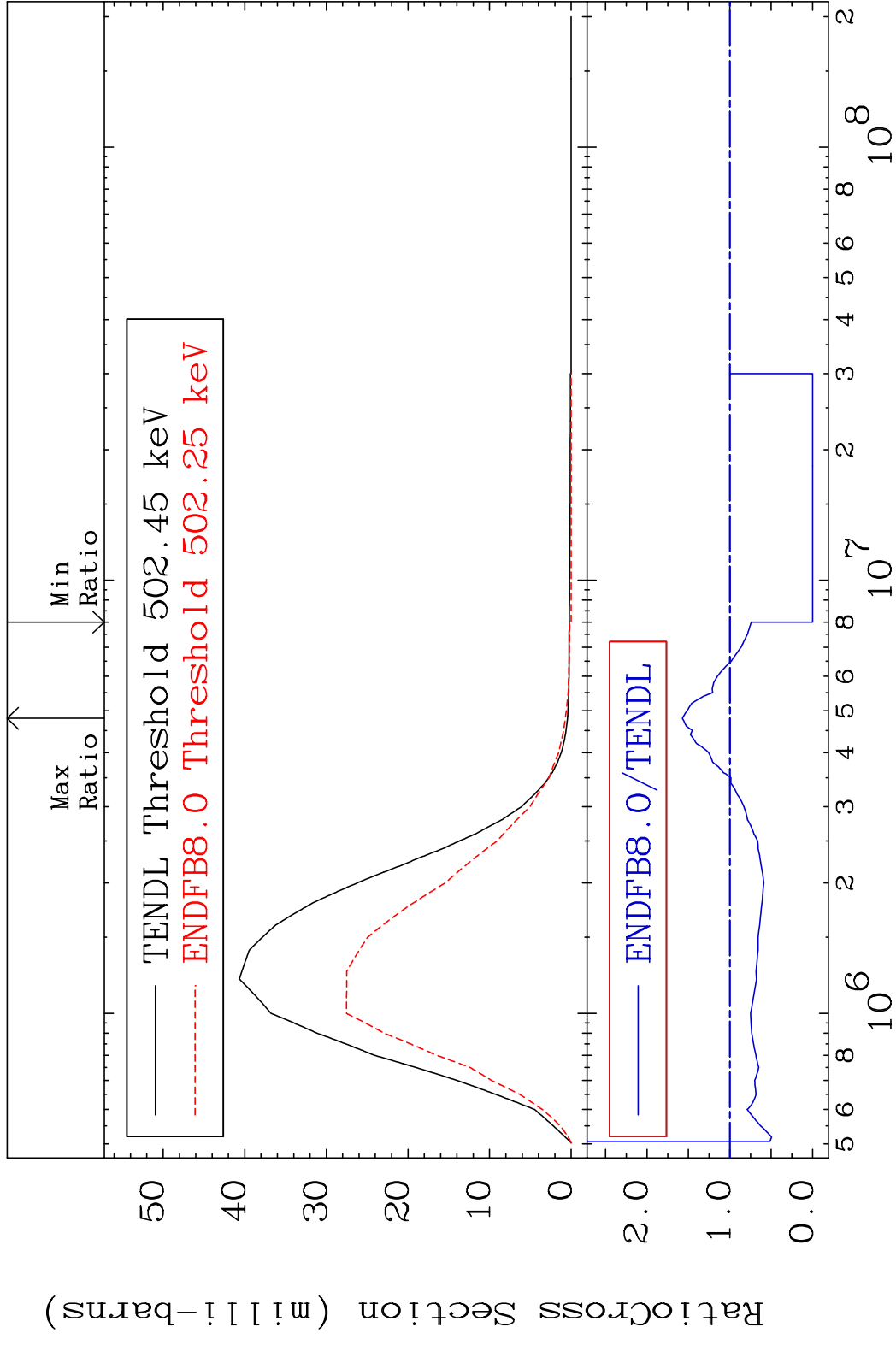
MAT 6725 MT= 57 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 5398. %



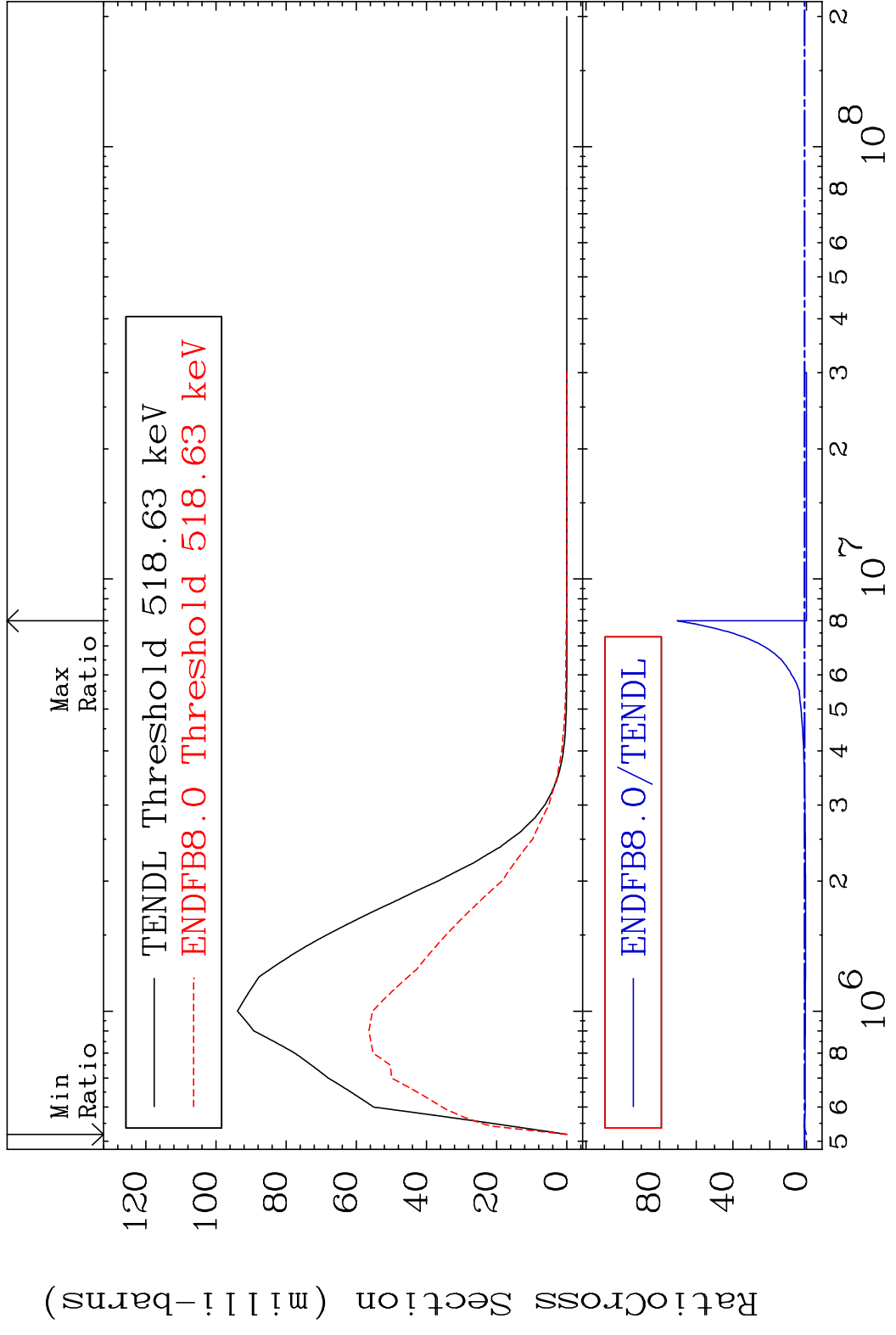
MAT 6725 MT= 58 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 5383. %



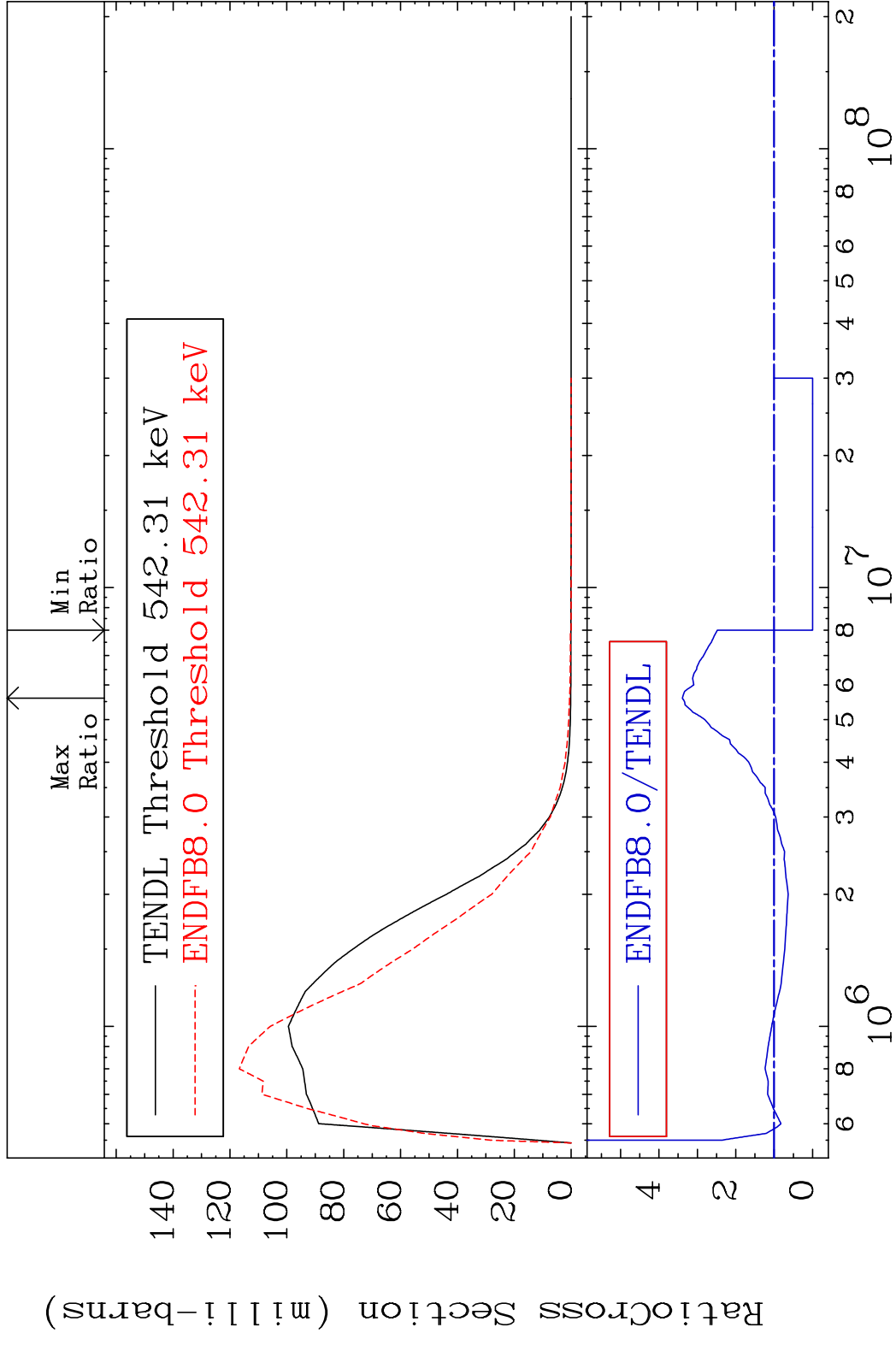
MAT 6725 MT= 59 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 57.30 %



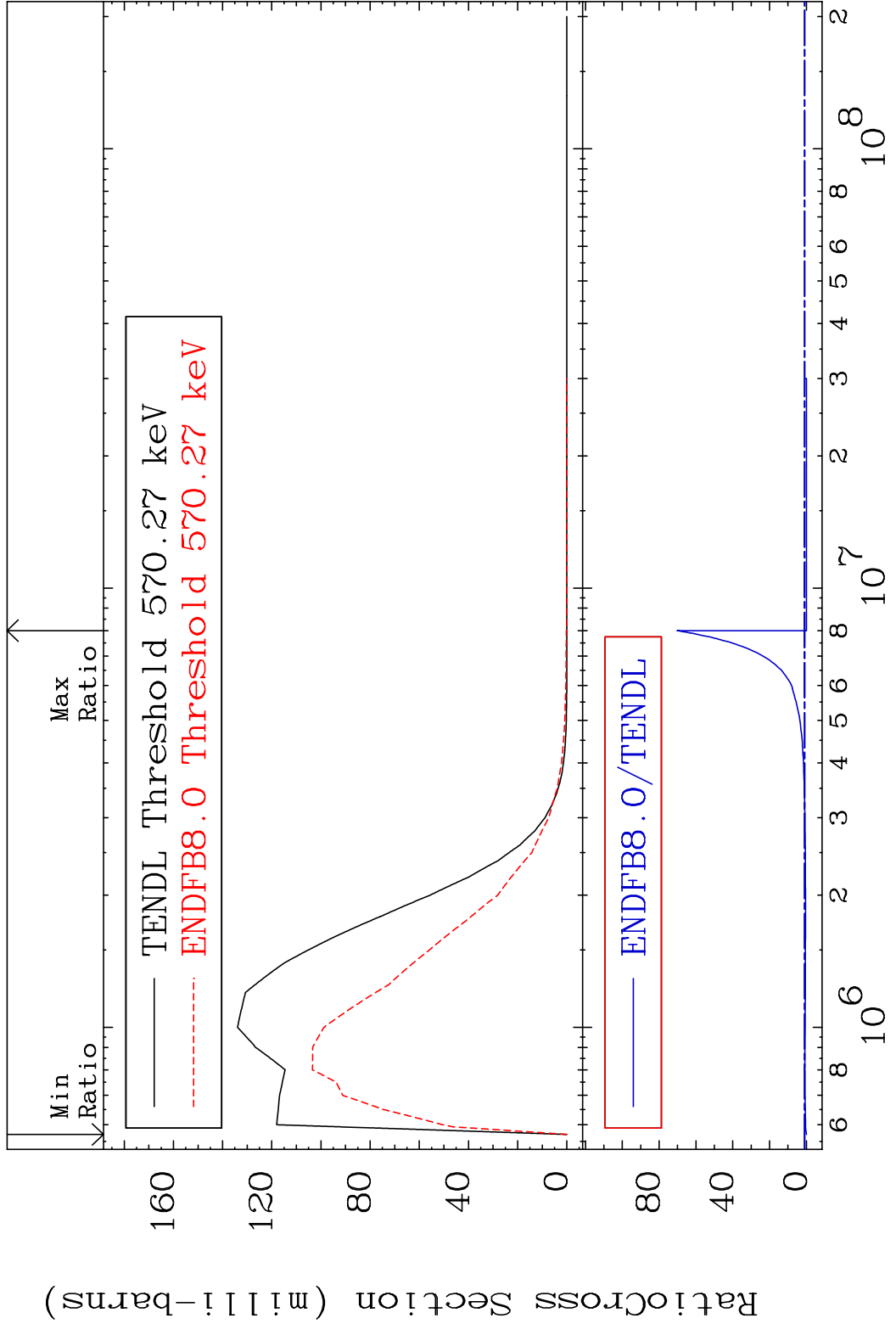
MAT 6725 MT= 60 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 6937. %



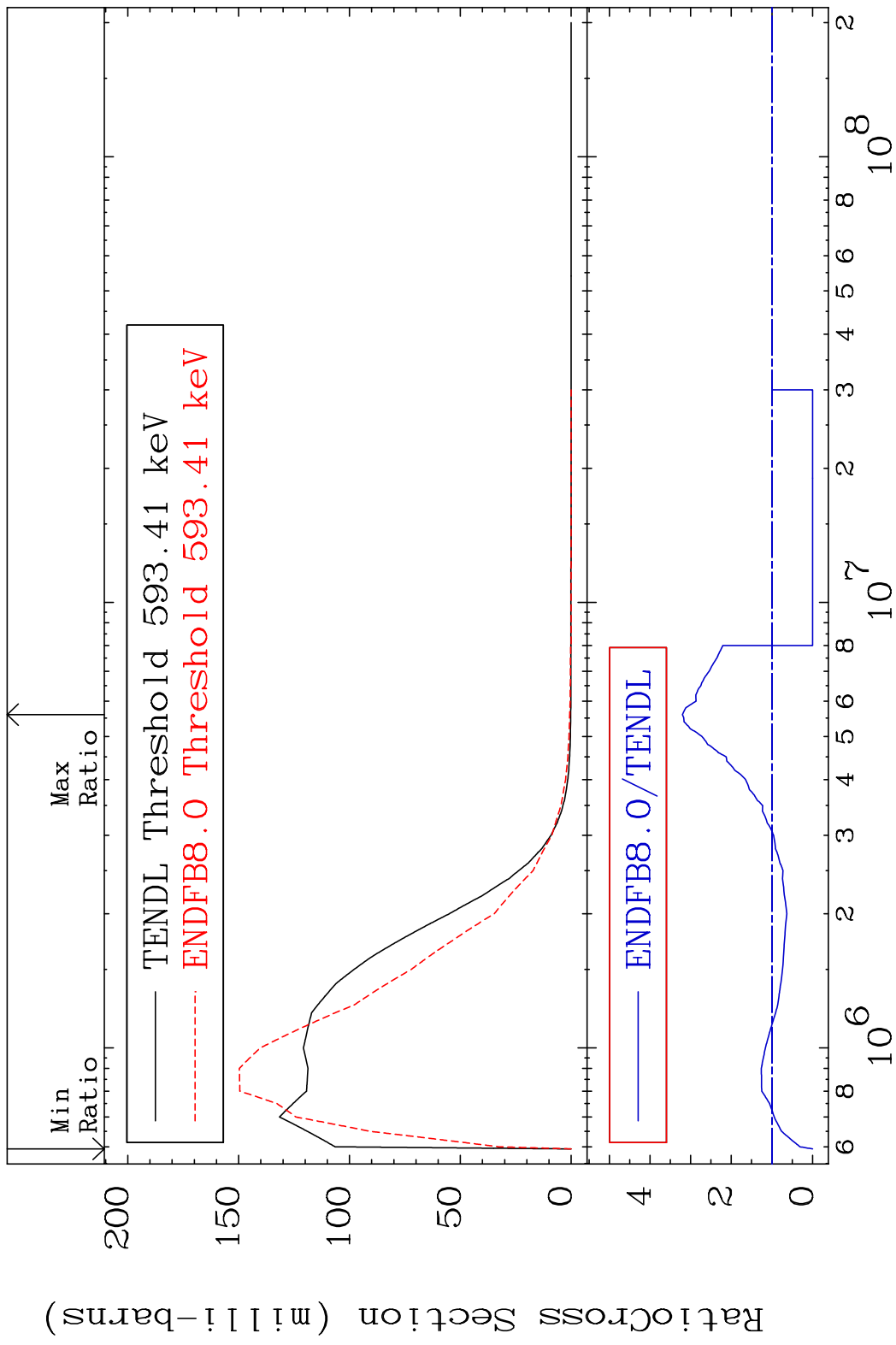
MAT 6725 MT= 61 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 239.1 %



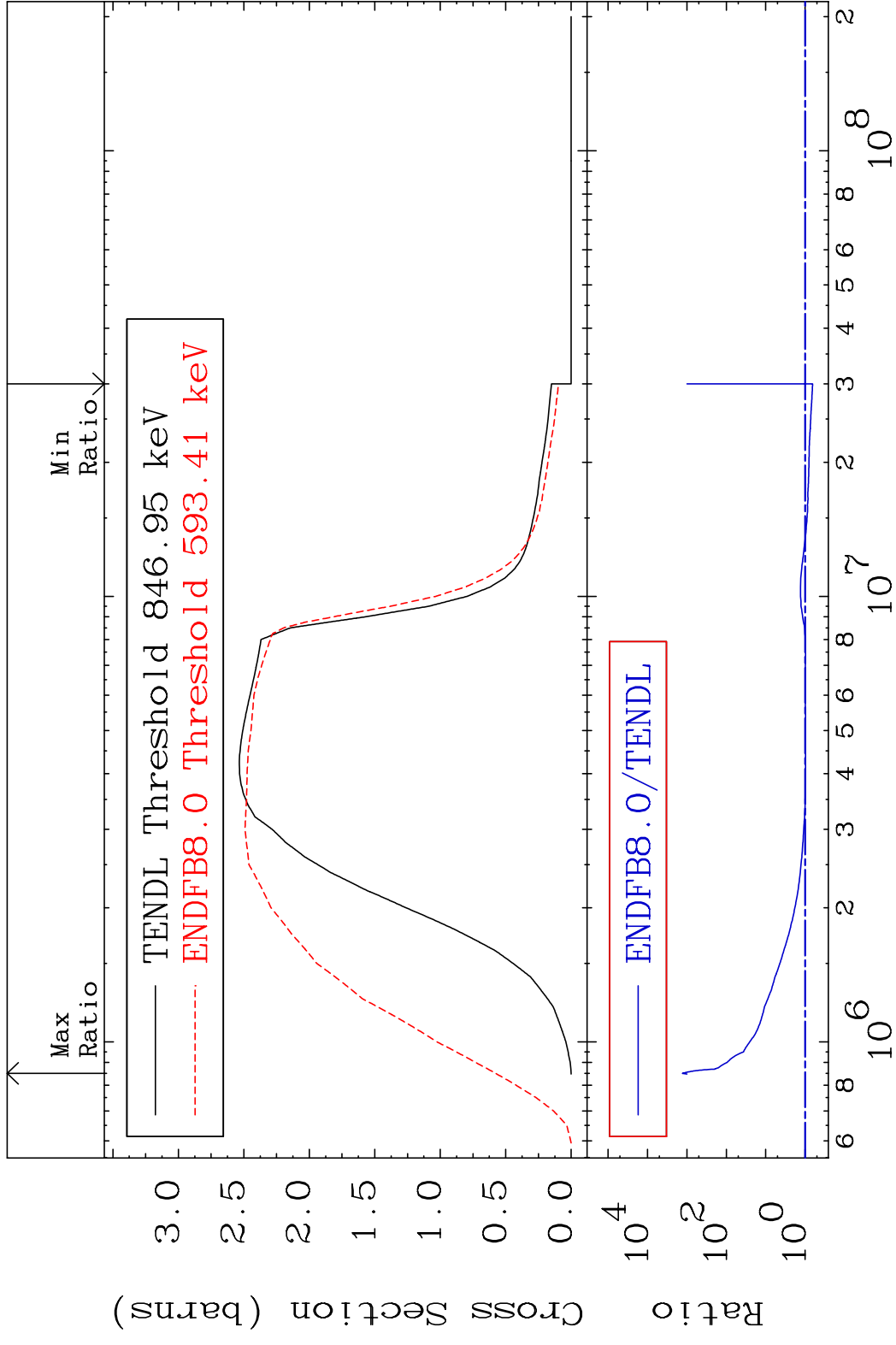
MAT 6725 MT= 62 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 6918. %



MAT 6725 MT= 63 (n, n') Level 67-Ho-165
 Cross Section -100.0 To 220.4 %

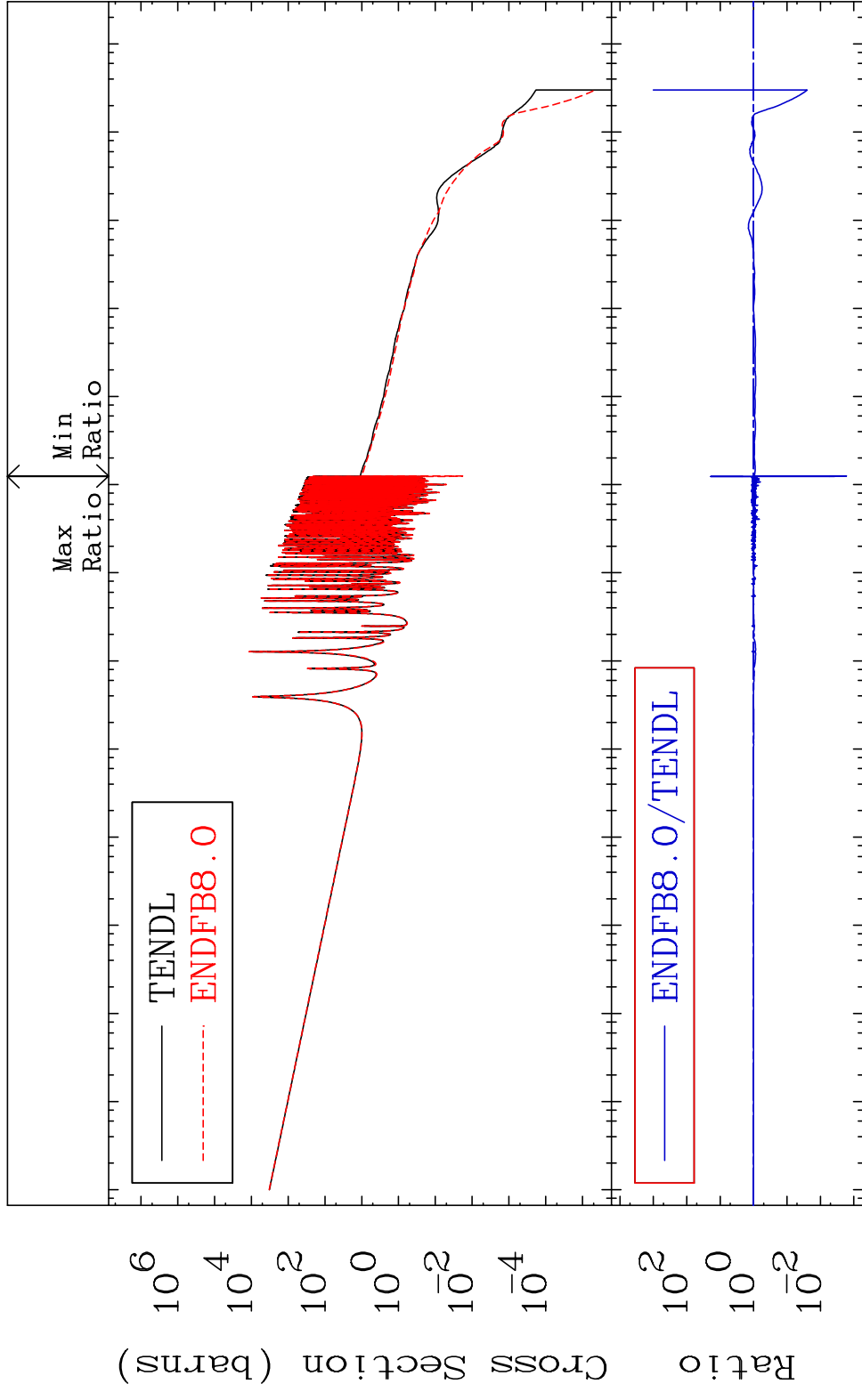


MAT 6725 (n, n') Continuum 67-Ho-165
 Cross Section -35.26 To 9999. %

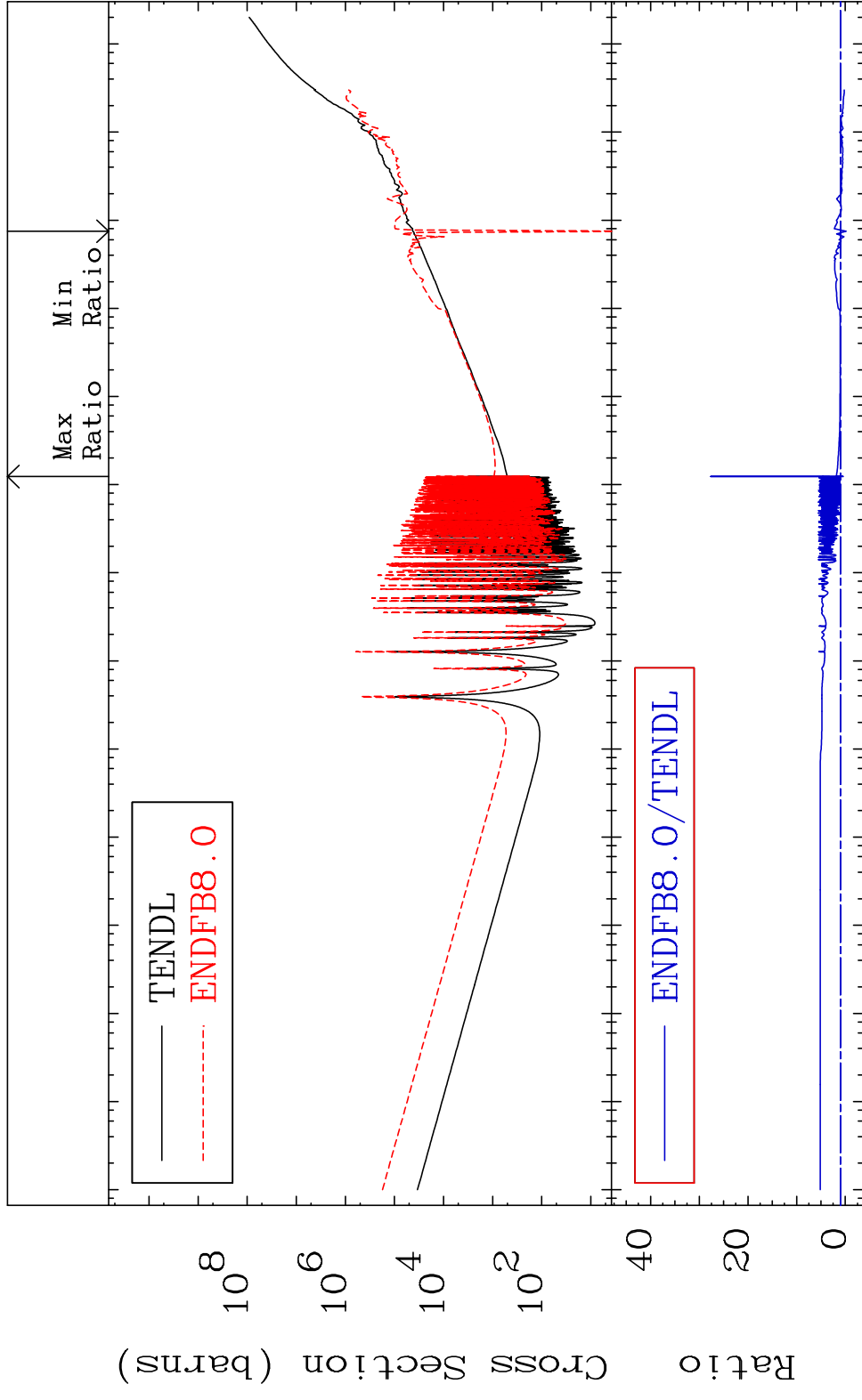


MAT 6725

(n, γ)
Cross Section -99.83 To 1819. %
67-Ho-165



MAT 6725 Kerma total (eV-barns) 67-Ho-165
 Cross Section -121.1 To 2665. %

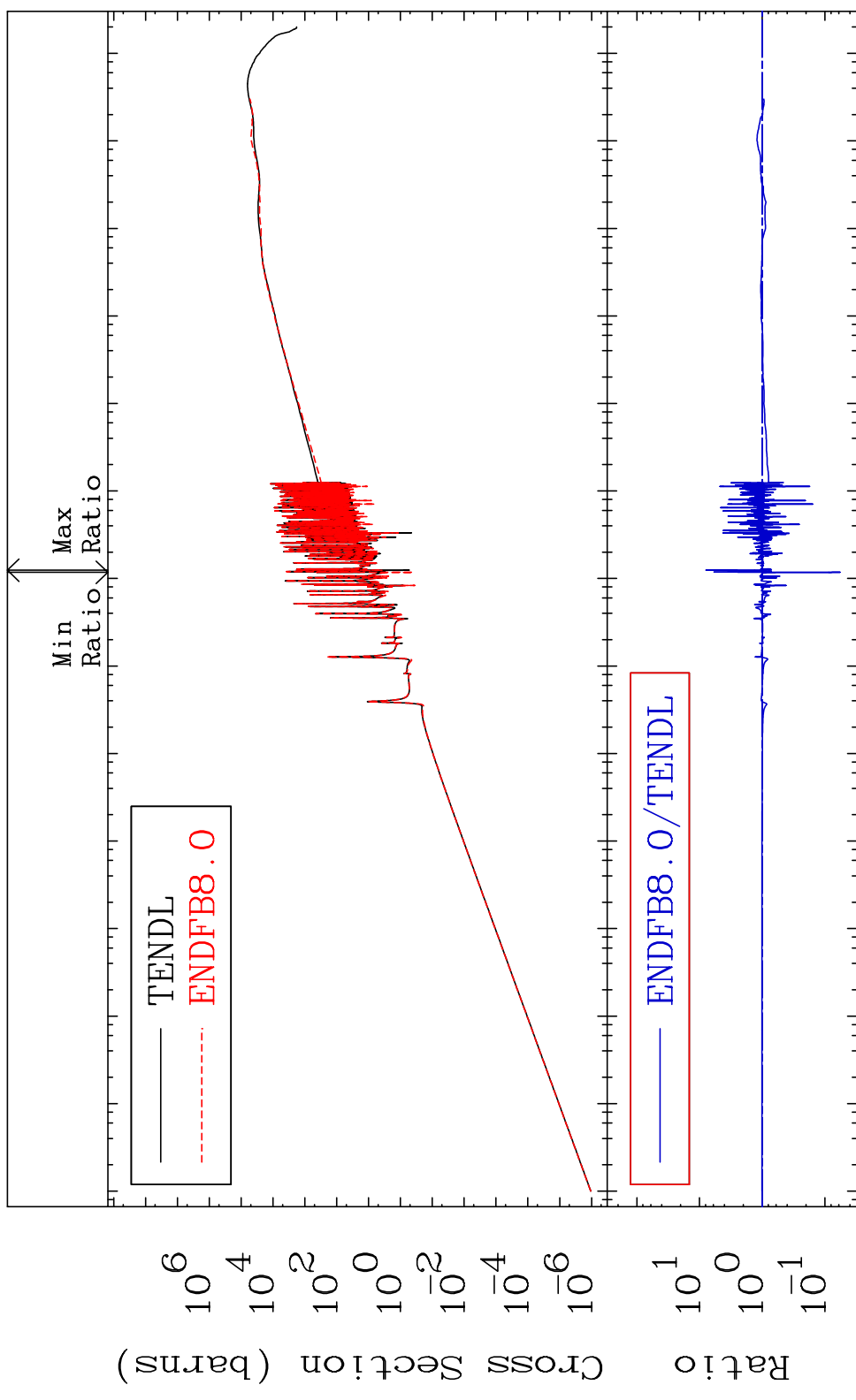


22 Incident Energy (eV) 67-Ho-165

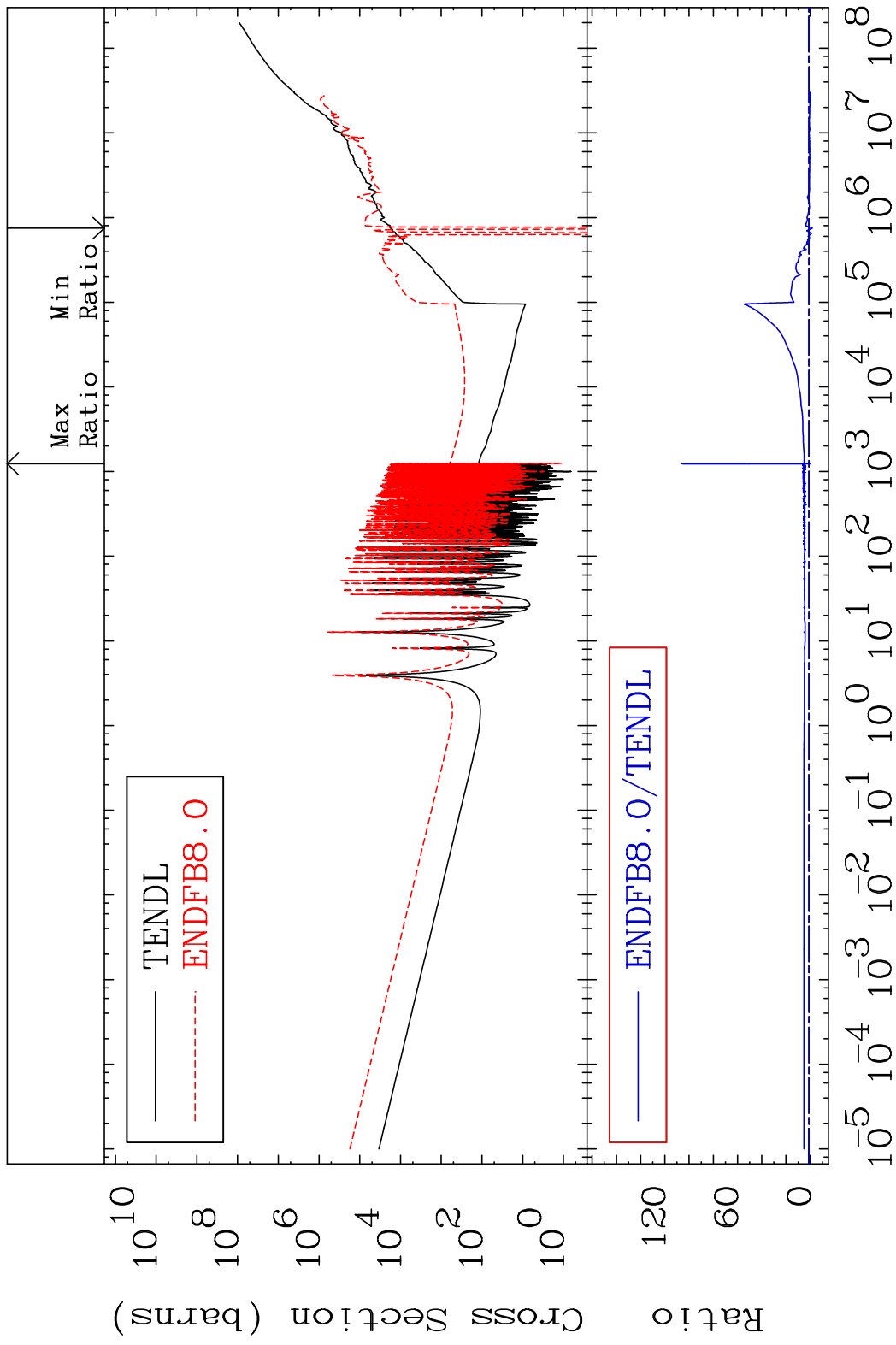
MAT 6725

Kerma elastic Cross Section -94.35 To 694.9 %

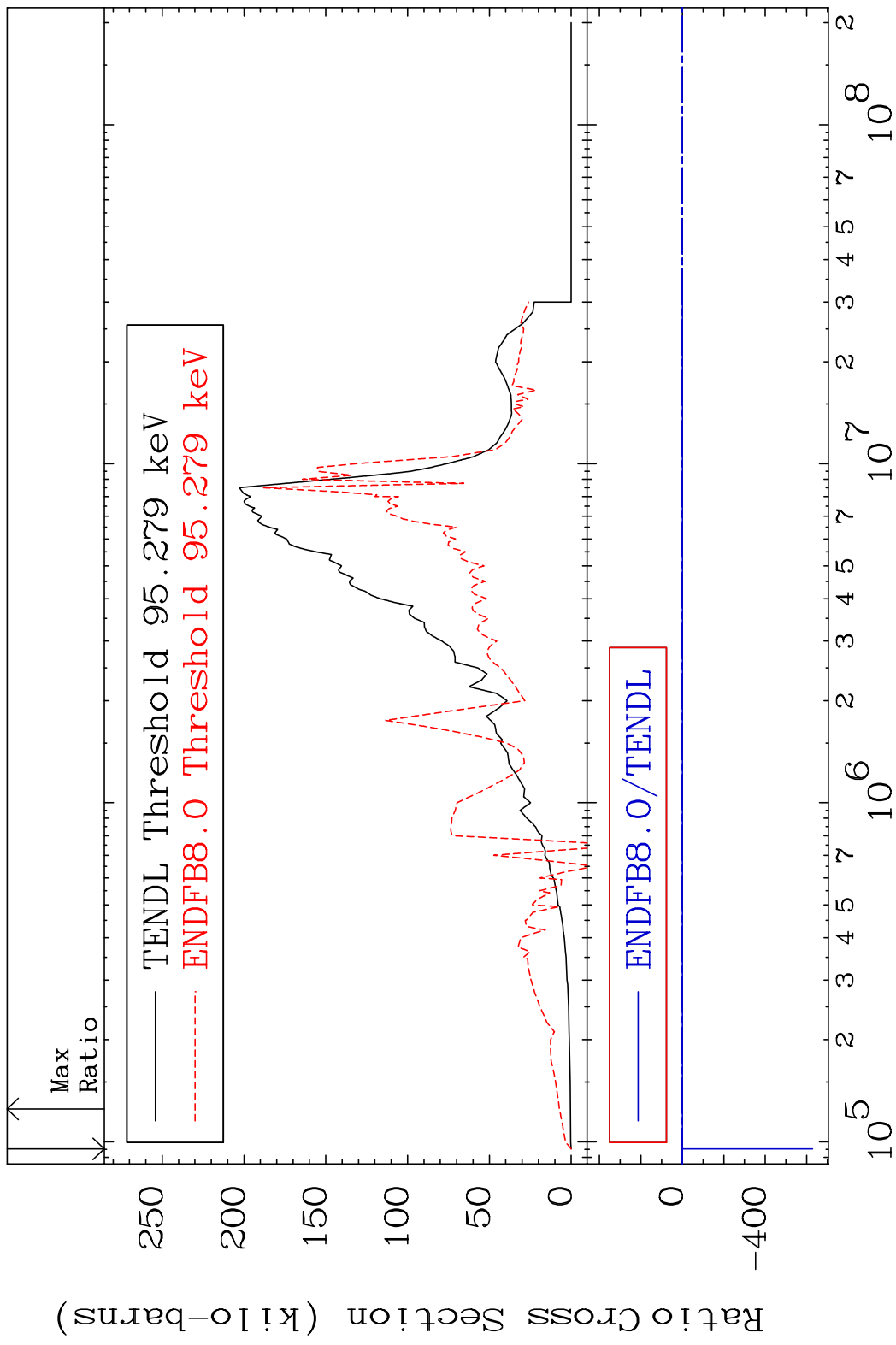
67-Ho-165



MAT 6725 Kerma non-elastic (all but mt2) 67-Ho-165
 Cross Section -288.6 To 9999. %

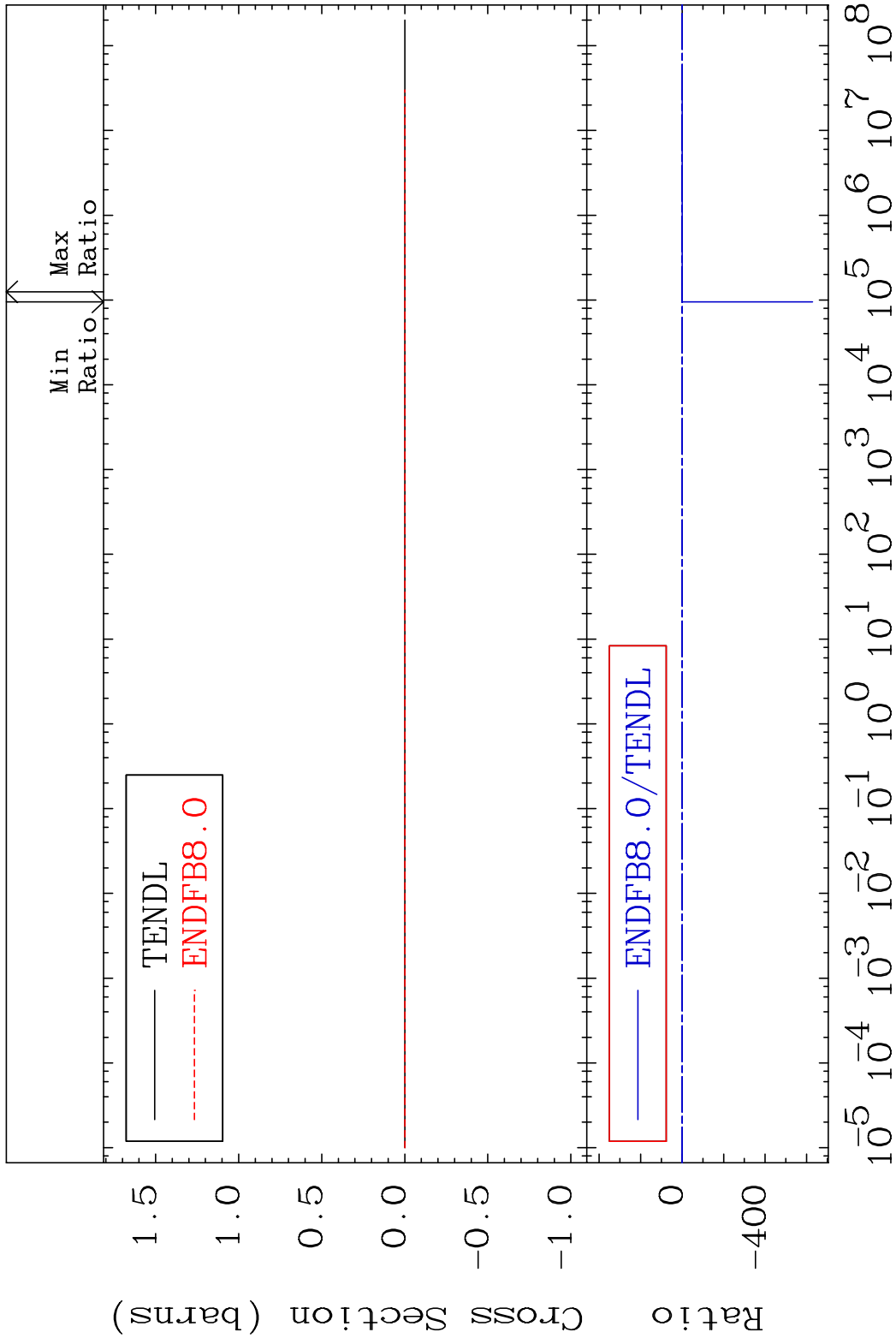


MAT 6725 Kerma inelastic (mt51-91) 67-Ho-165
Cross Section -9999. To 1456. %

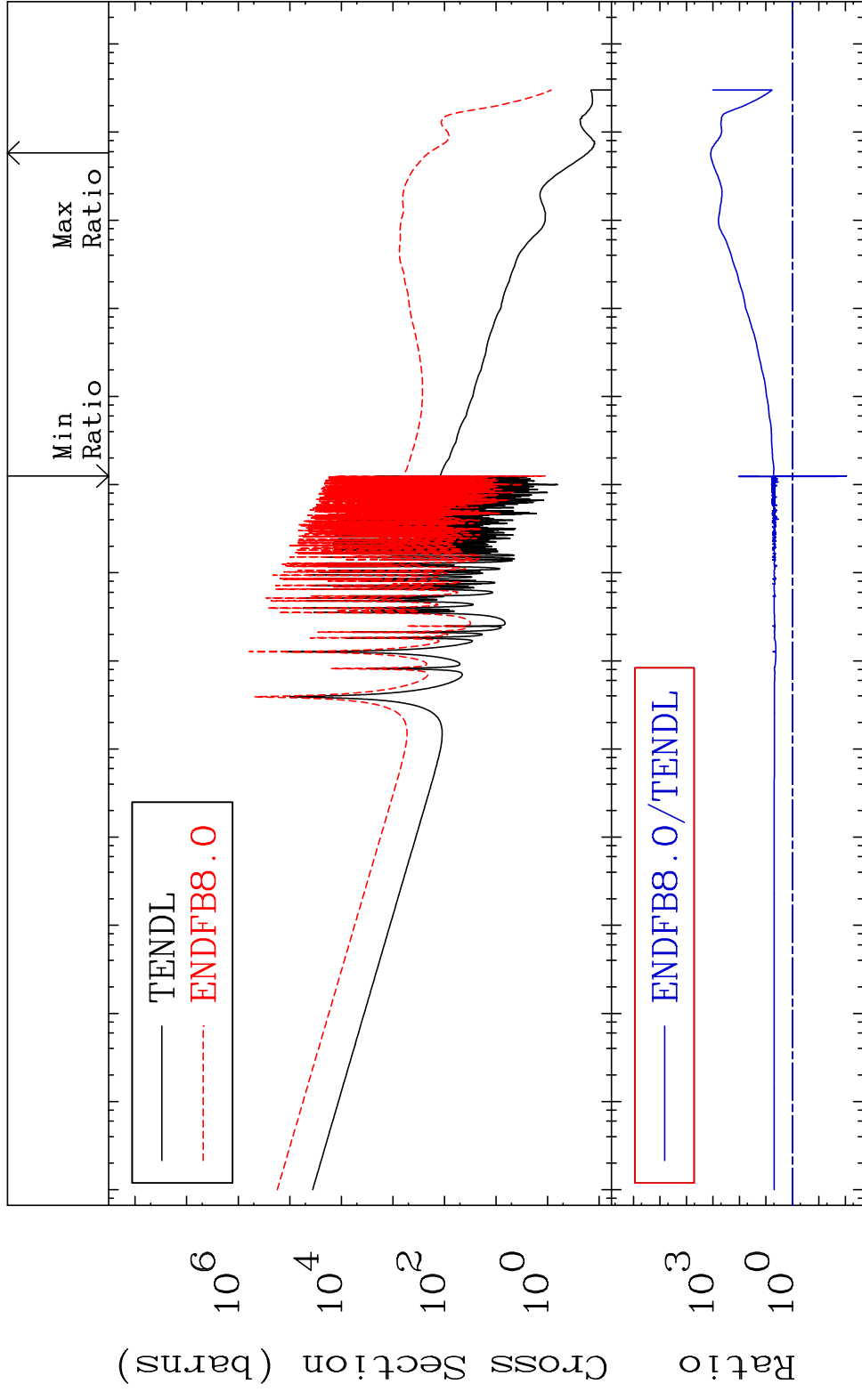


25 Incident Energy (eV) 67-Ho-165

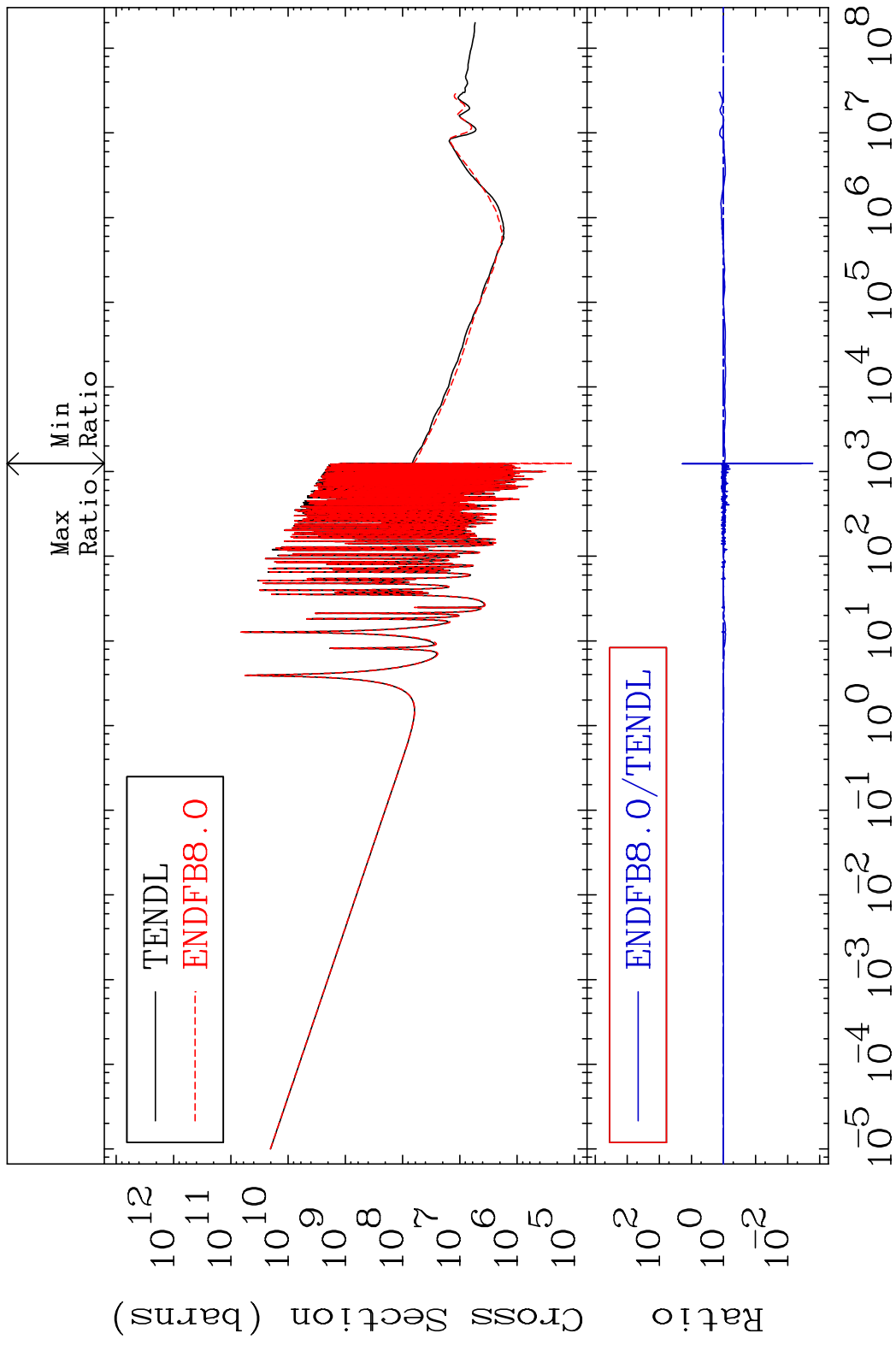
MAT 6725 Kerma fission (mt18 or mt19-20-21-38) 67-Ho-165
 Cross Section -9999. To 1456. %



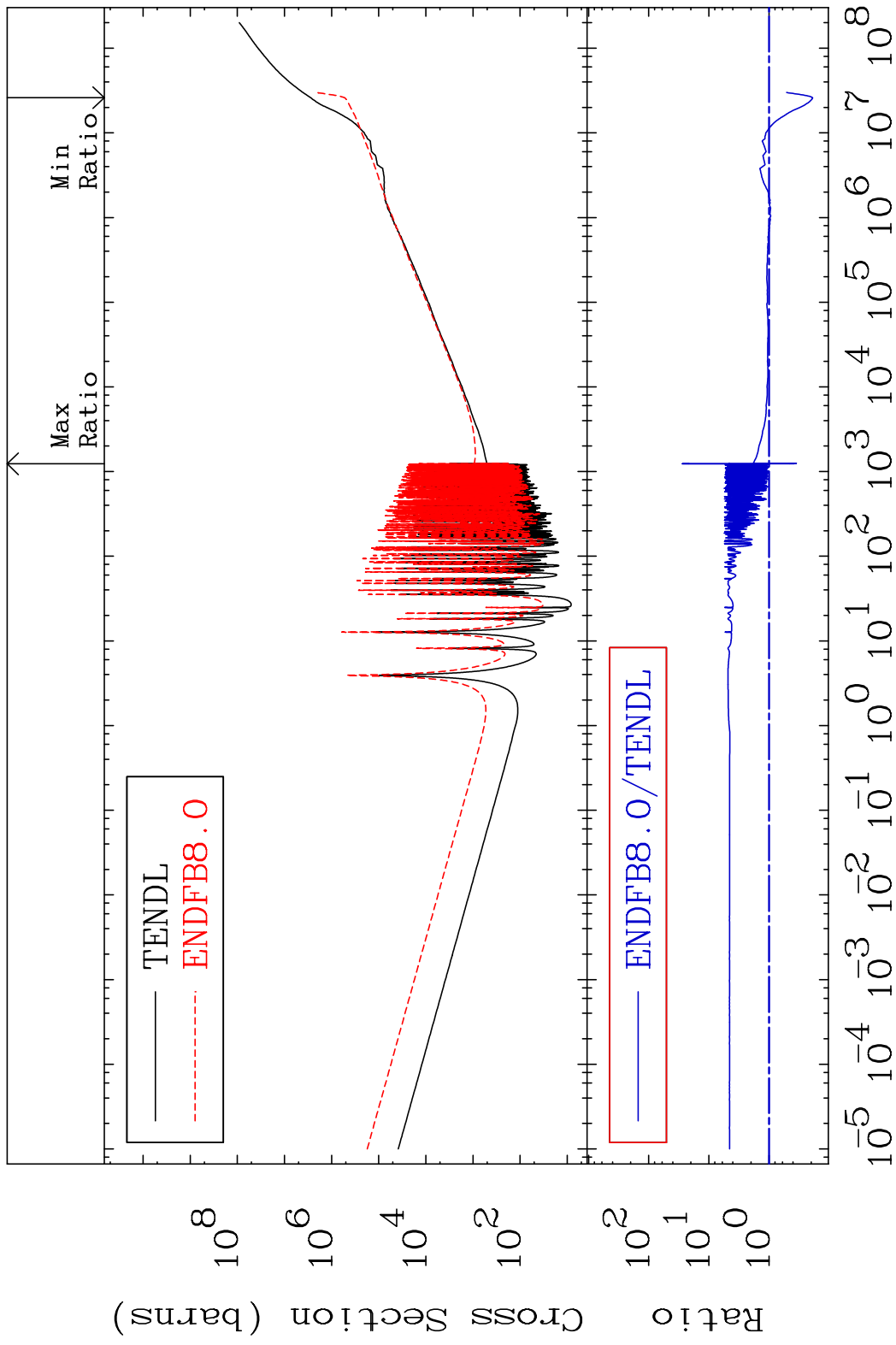
MAT 6725 Kerma capture (mt102) 67-Ho-165
 Cross Section -99.08 To 9999. %



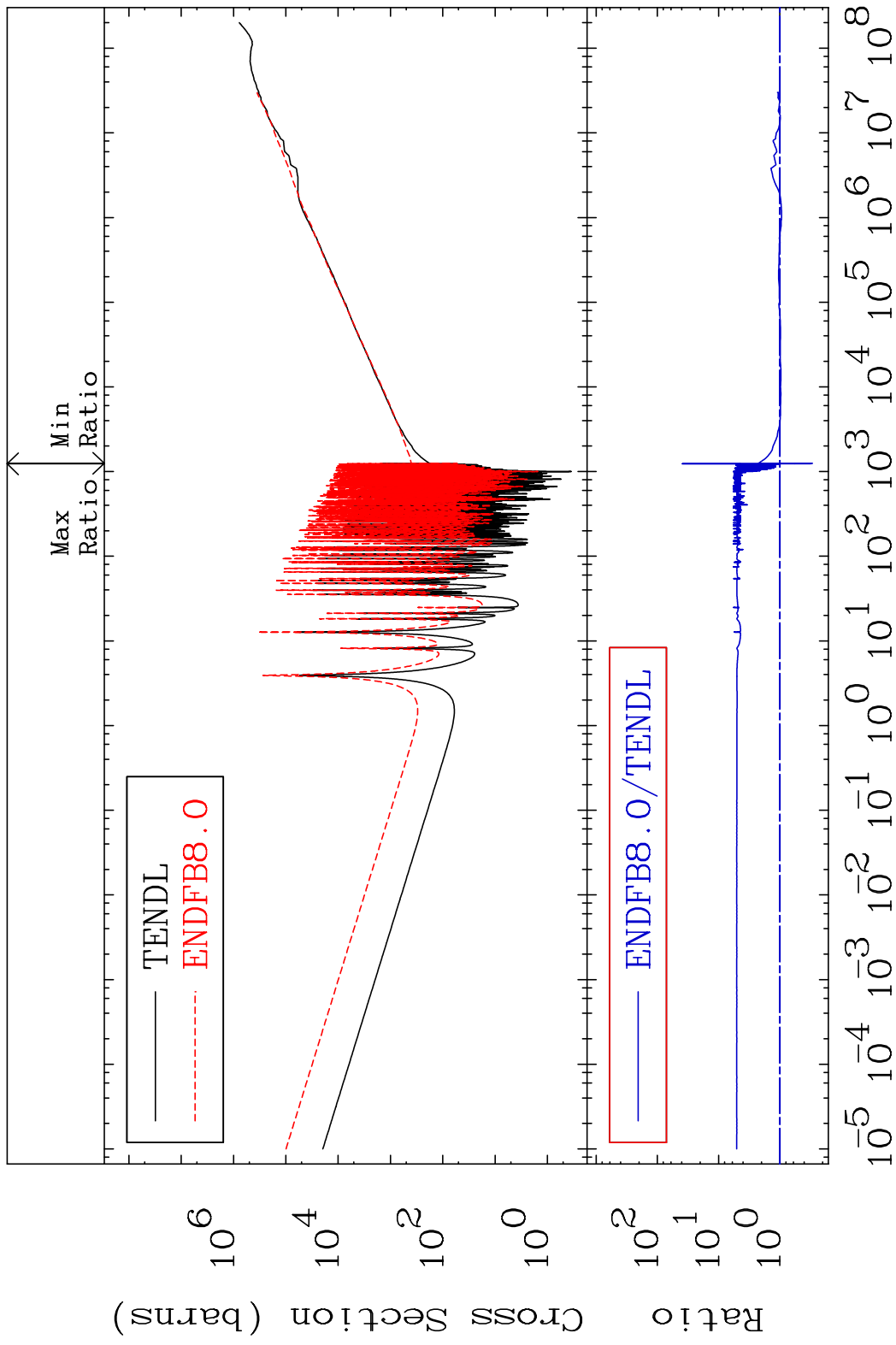
MAT 6725 Total photon (eV-barns) 67-Ho-165
 Cross Section -99.83 To 1818. %



MAT 6725 Total kinematic kerma (high limit) 67-Ho-165
 Cross Section -81.02 To 2665. %



MAT 6725 Dpa total (eV-barns) 67-Ho-165
Cross Section -70.73 To 3814. %



30 Incident Energy (eV) 67-Ho-165

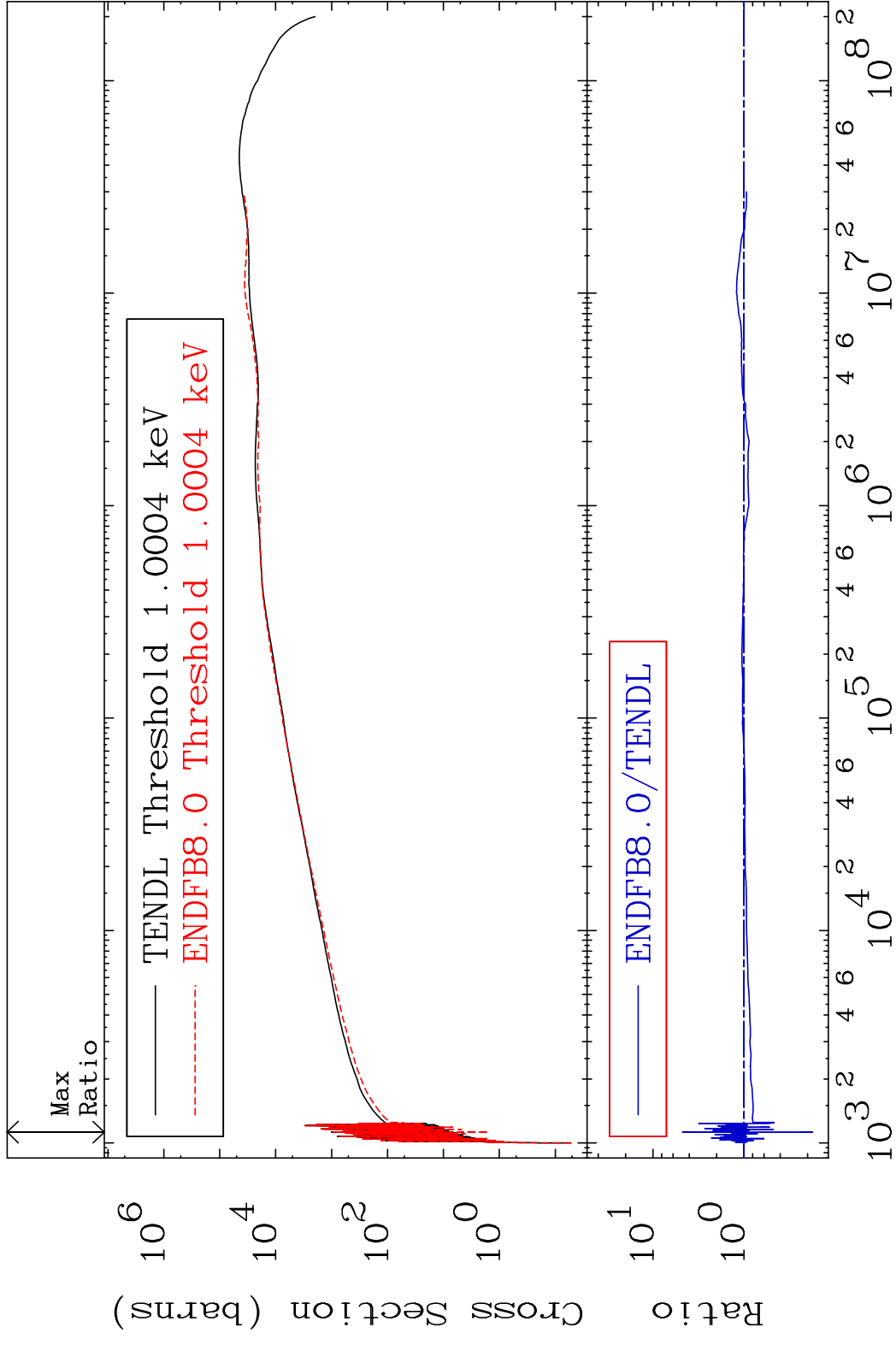
MAT 6725

Dpa elastic (mt2)

67-Ho-165

Cross Section

-82.39 To 374.8 %

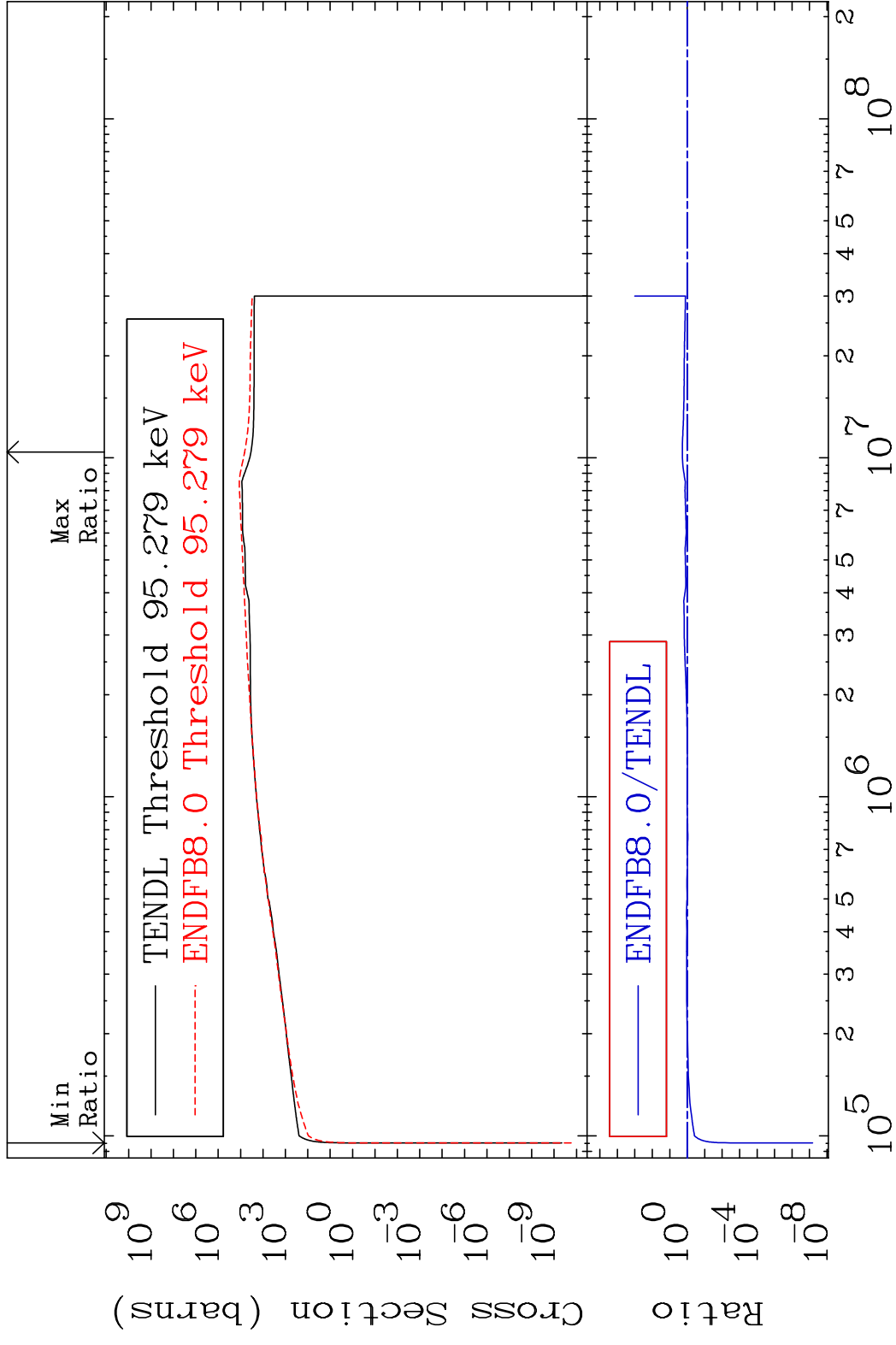


31

Incident Energy (eV)

67-Ho-165

MAT 6725 Dpa inelastic (mt51-91) 67-Ho-165
 Cross Section -100.0 To 89.91 %



MAT 6725 Dpa disappearance (mt102 -120) 67-Ho-165
 Cross Section -100.0 To 9556. %

