

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

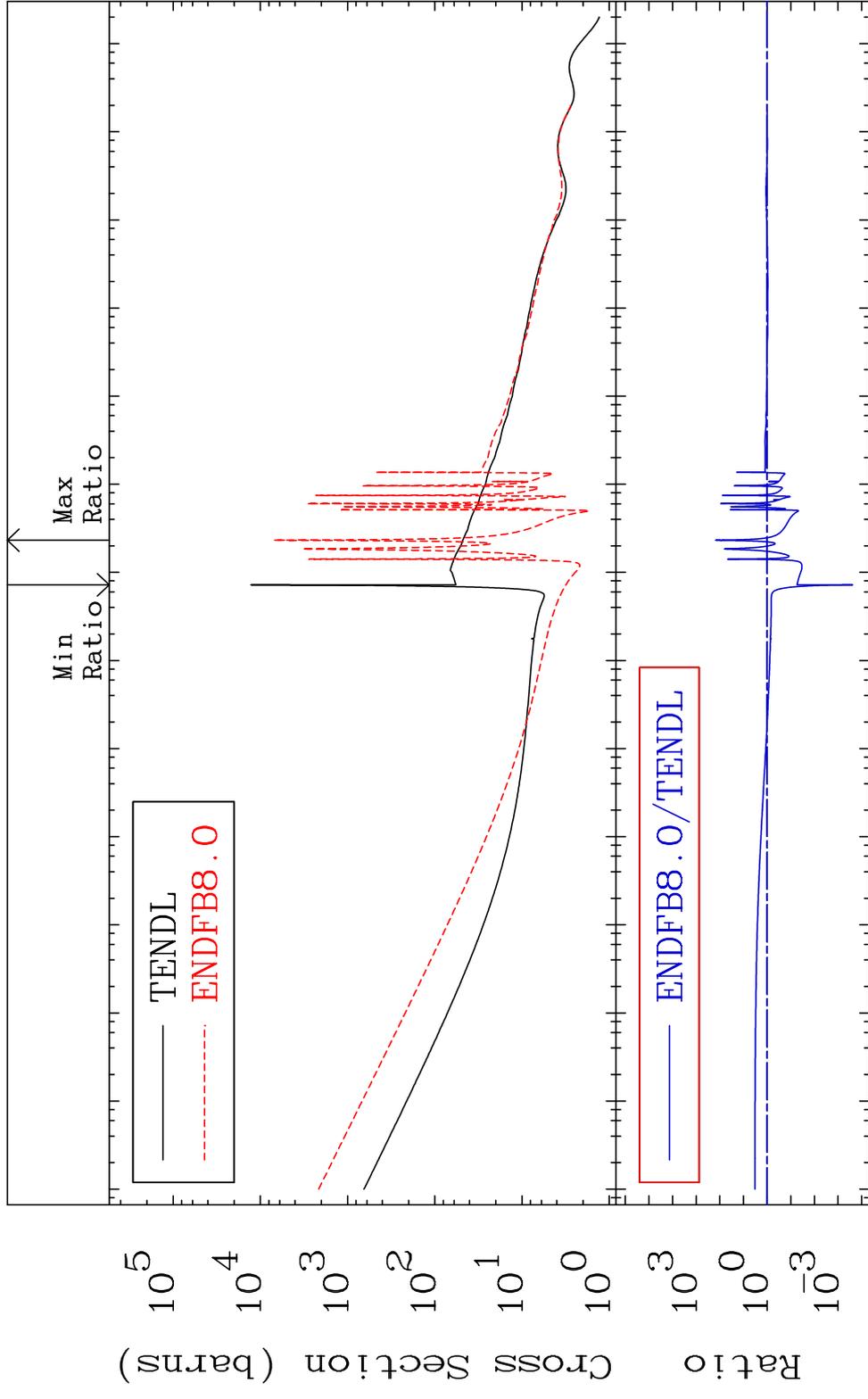
Tele: 925-443-1911

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

Press Mouse Button to Start

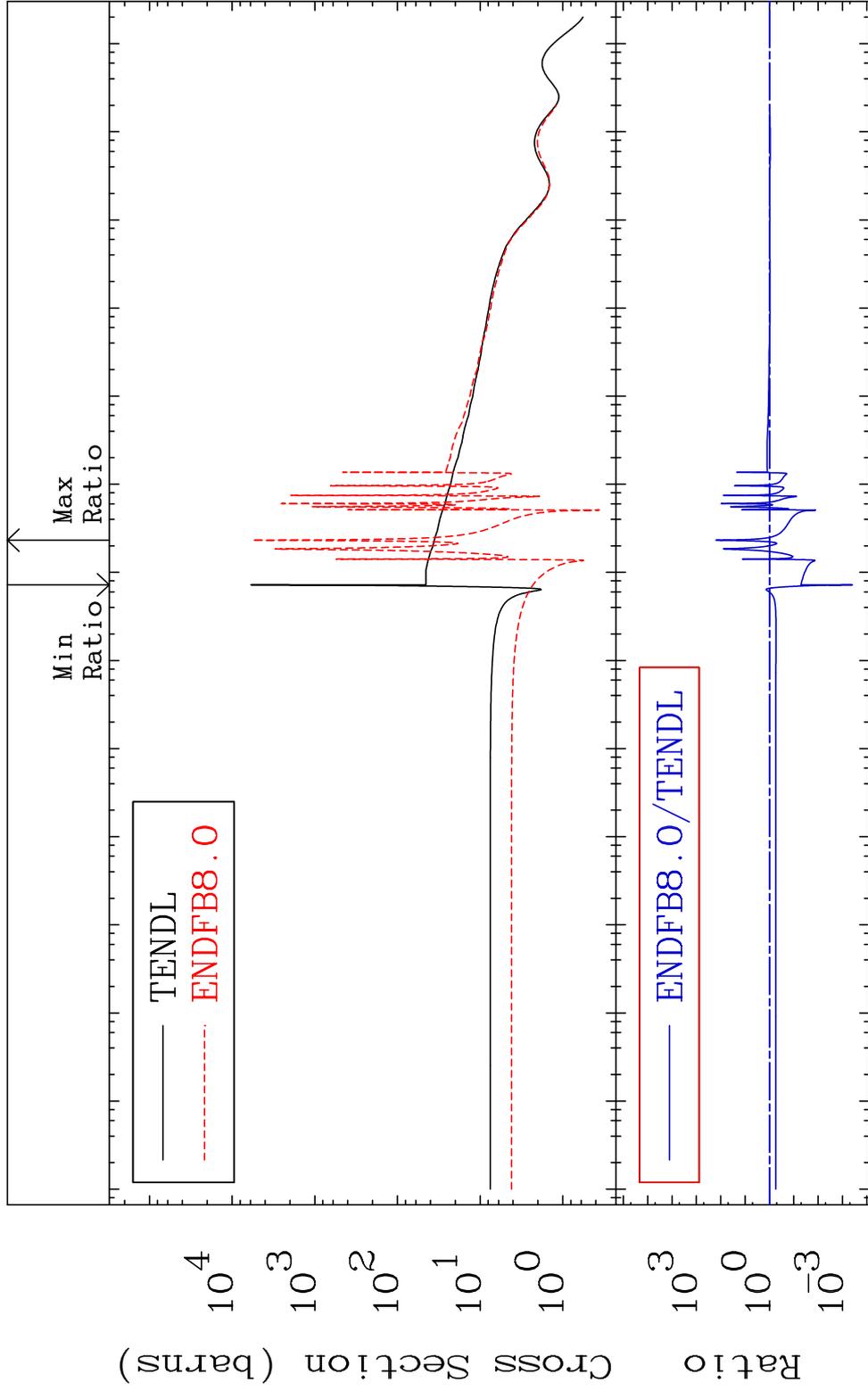
MAT 3228

Total Cross Section -99.98 To 9999. %
32-Ge-71

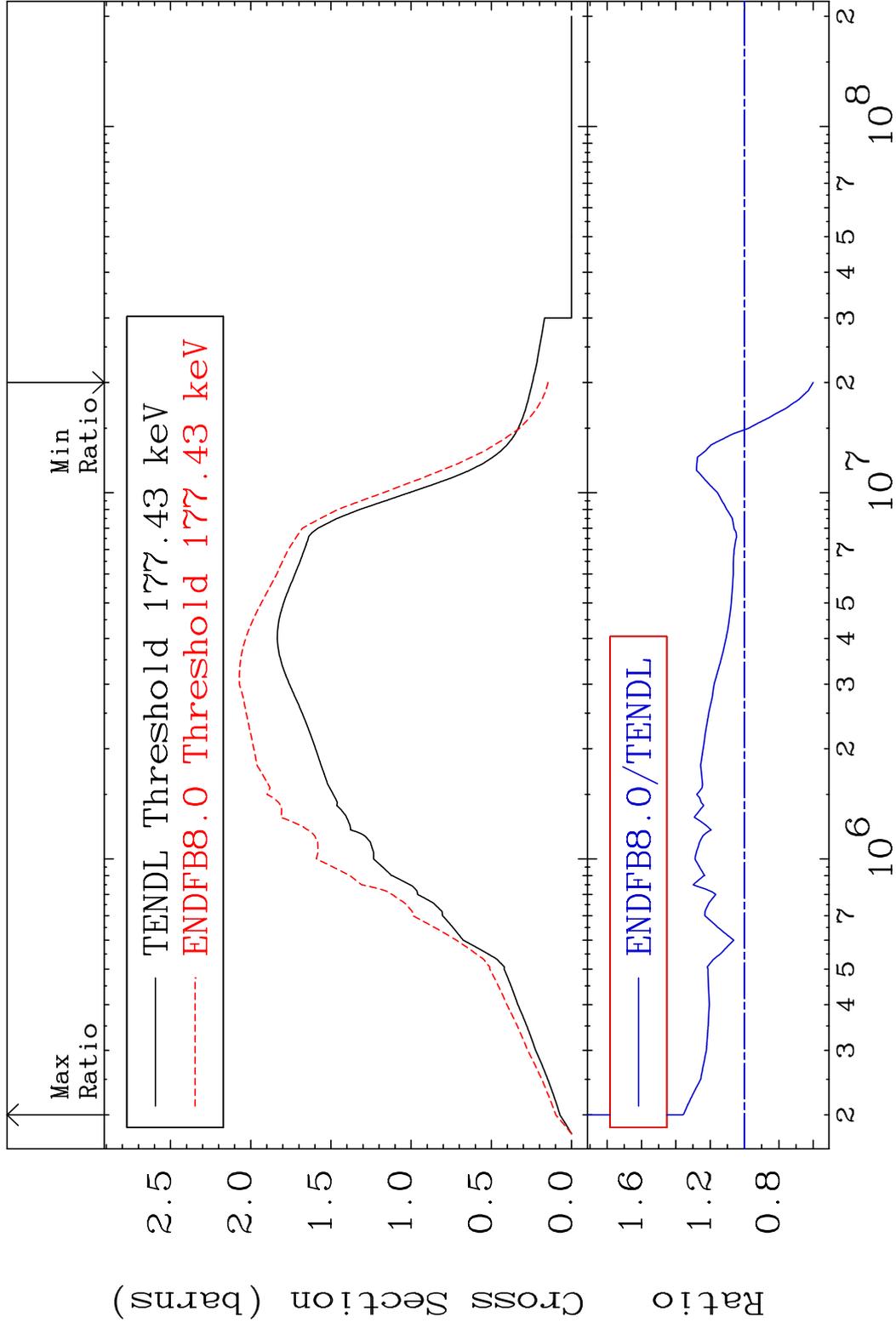


MAT 3228

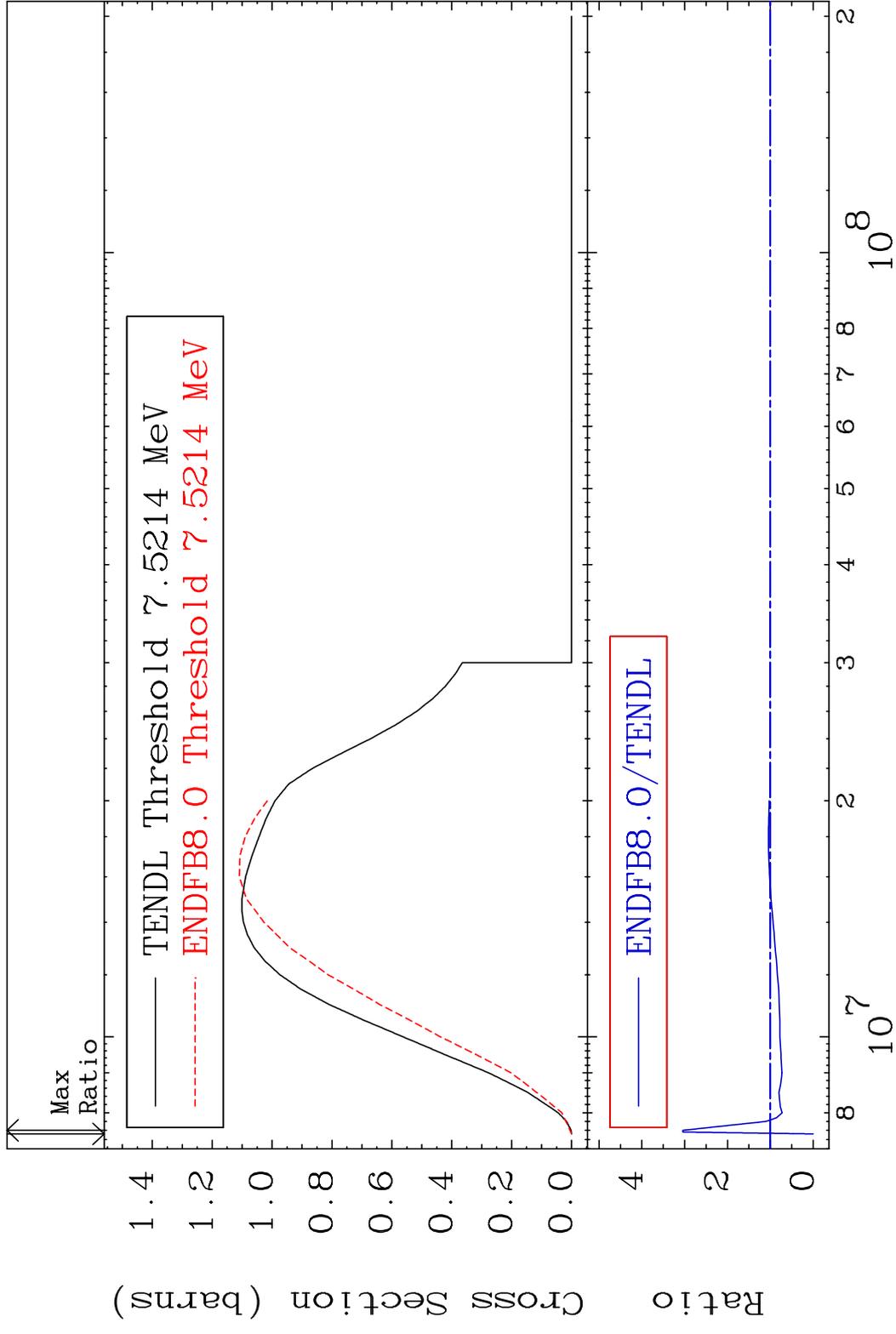
Elastic Cross Section -99.96 To 9999. %
32-Ge-71



MAT 3228 Inelastic 32-Ge-71
 Cross Section -39.96 To 35.91 %

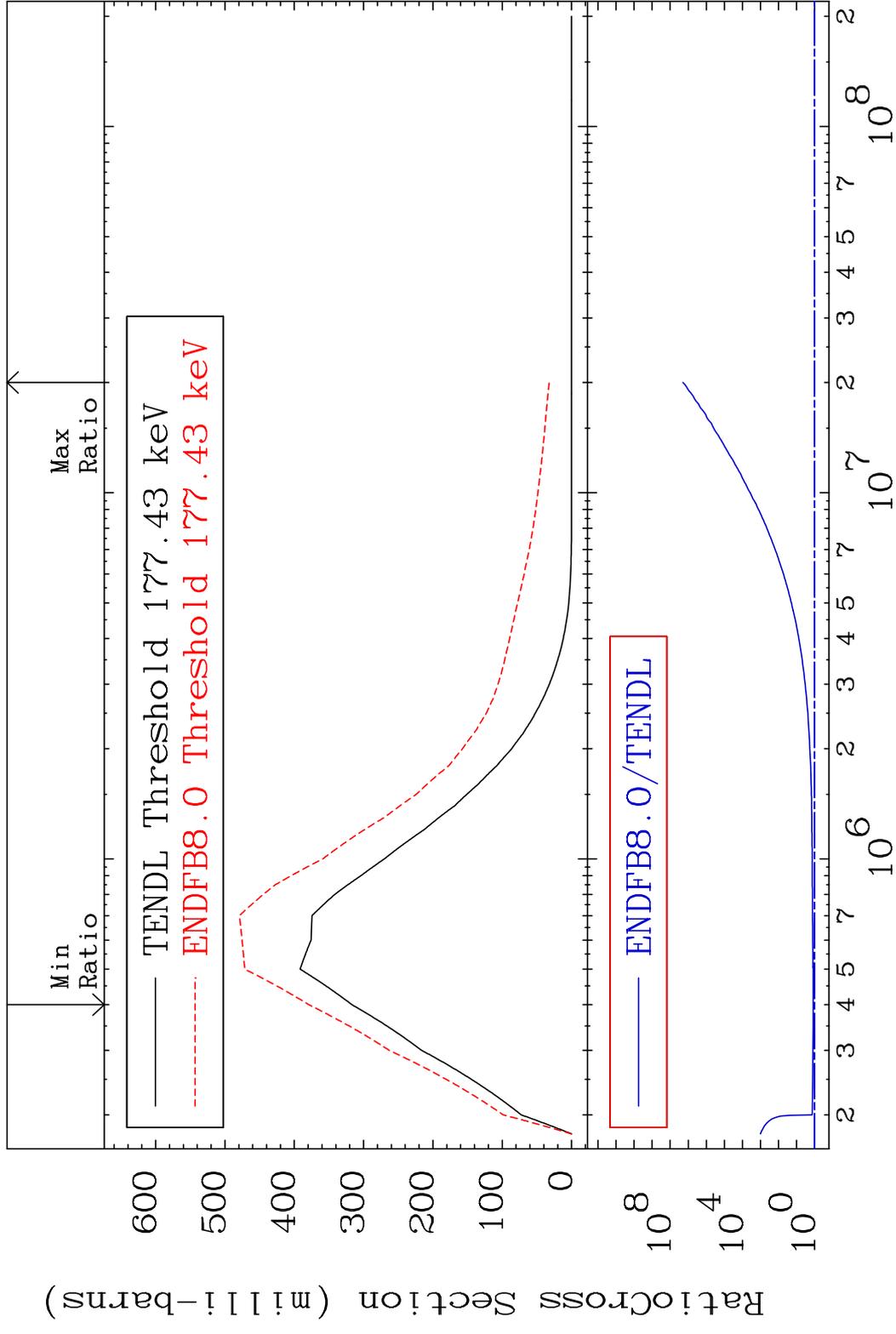


MAT 3228 (n,2n) 32-Ge-71
 Cross Section -100.0 To 204.3 %

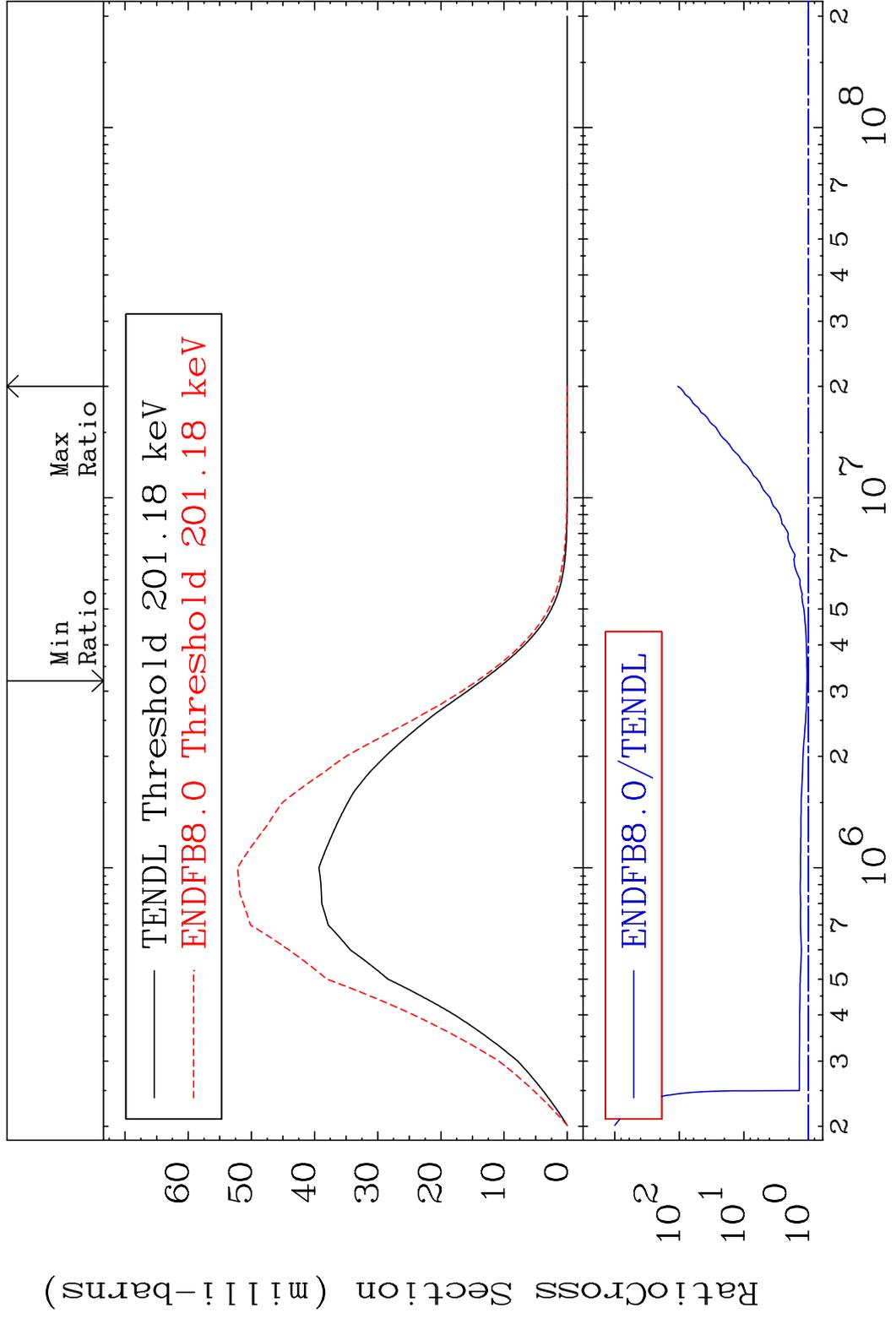


4 Incident Energy (eV) 32-Ge-71

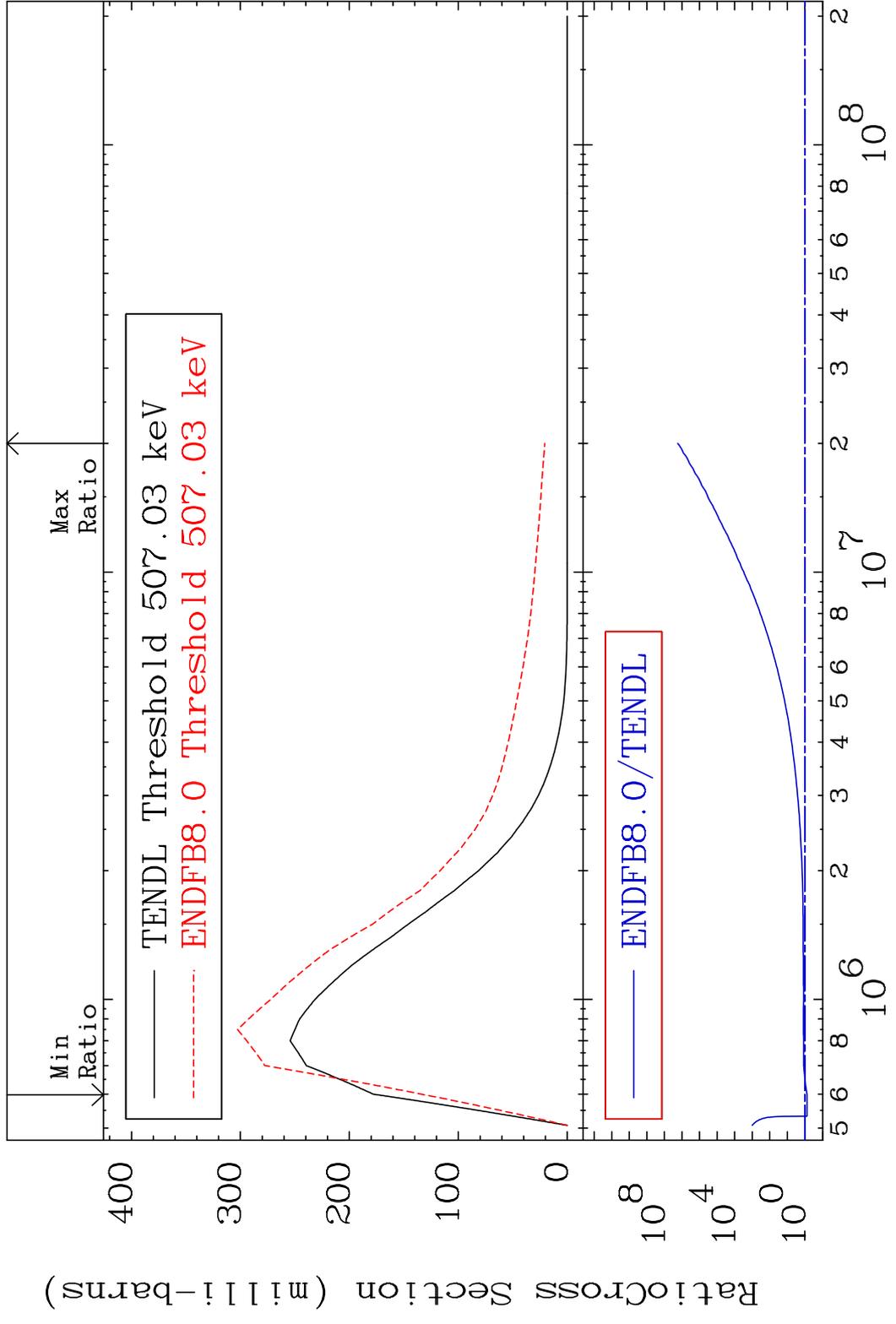
MAT 3228 MT= 51 (n,n') Level 32-Ge-71
 Cross Section 19.63 To 9999. %



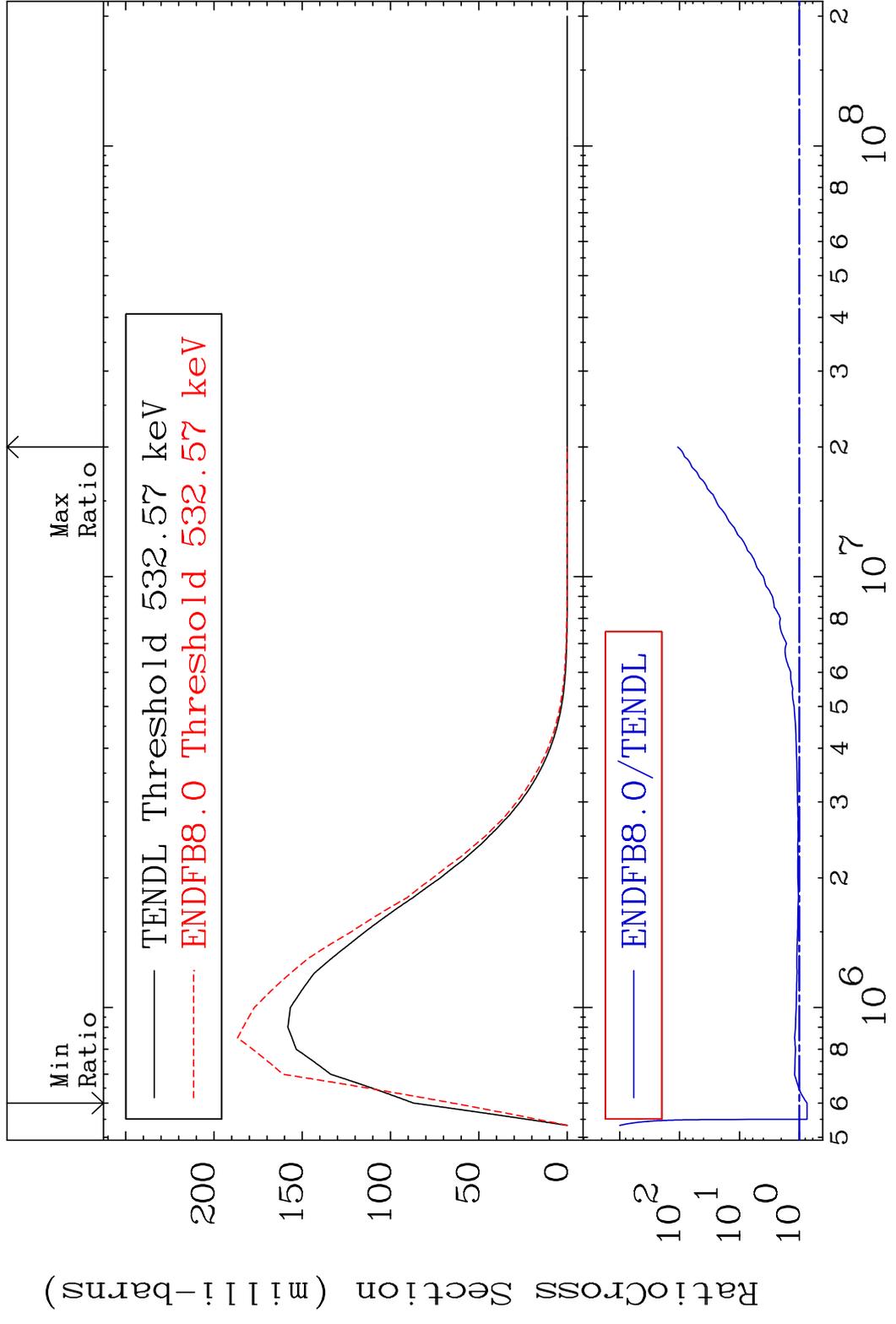
MAT 3228 MT= 52 (n,n') Level 32-Ge-71
 Cross Section 5.002 To 9999. %



MAT 3228 MT= 53 (n, n') Level 32-Ge-71
 Cross Section -24.88 To 9999. %

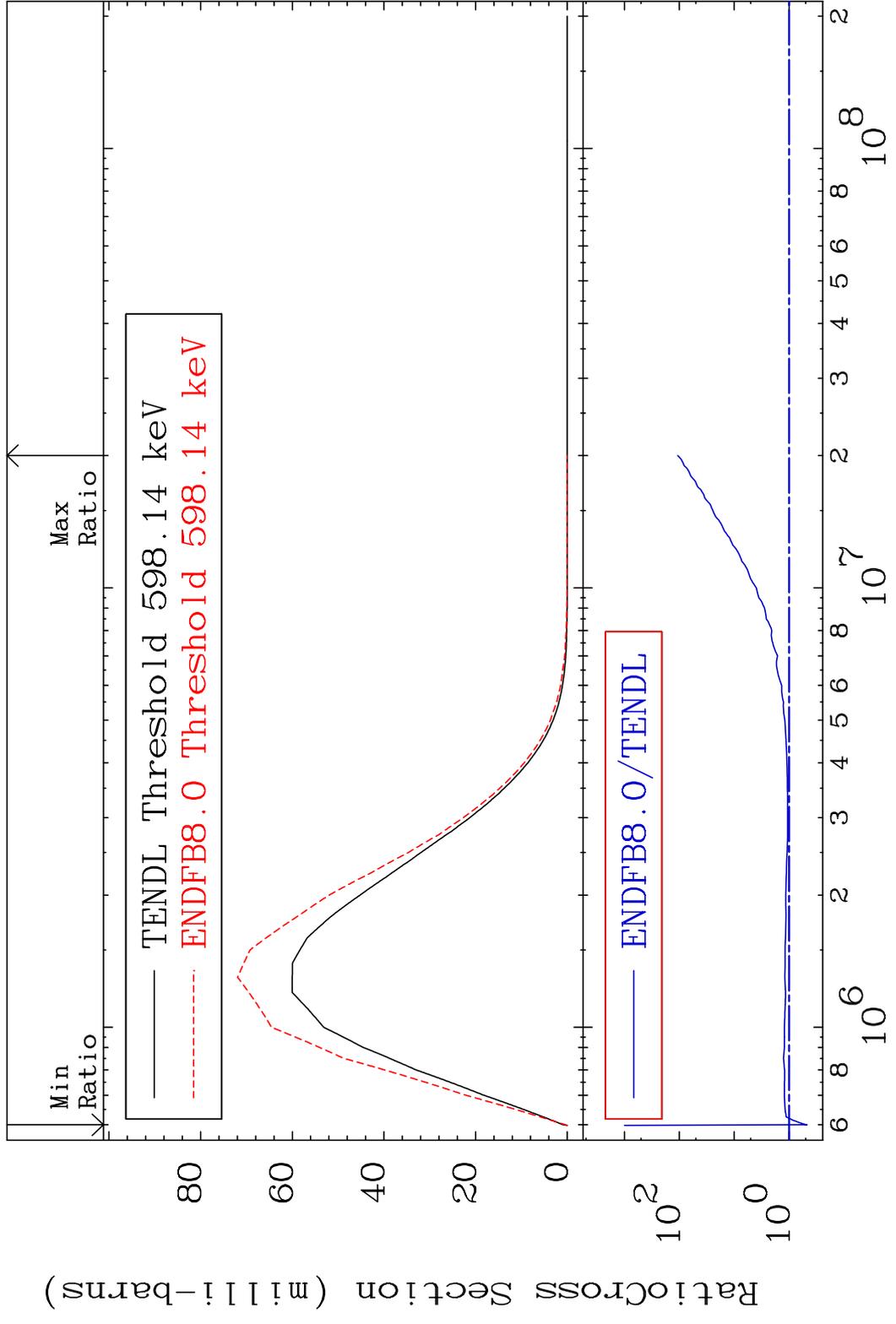


MAT 3228 MT= 54 (n, n') Level 32-Ge-71
 Cross Section -25.52 To 9999. %

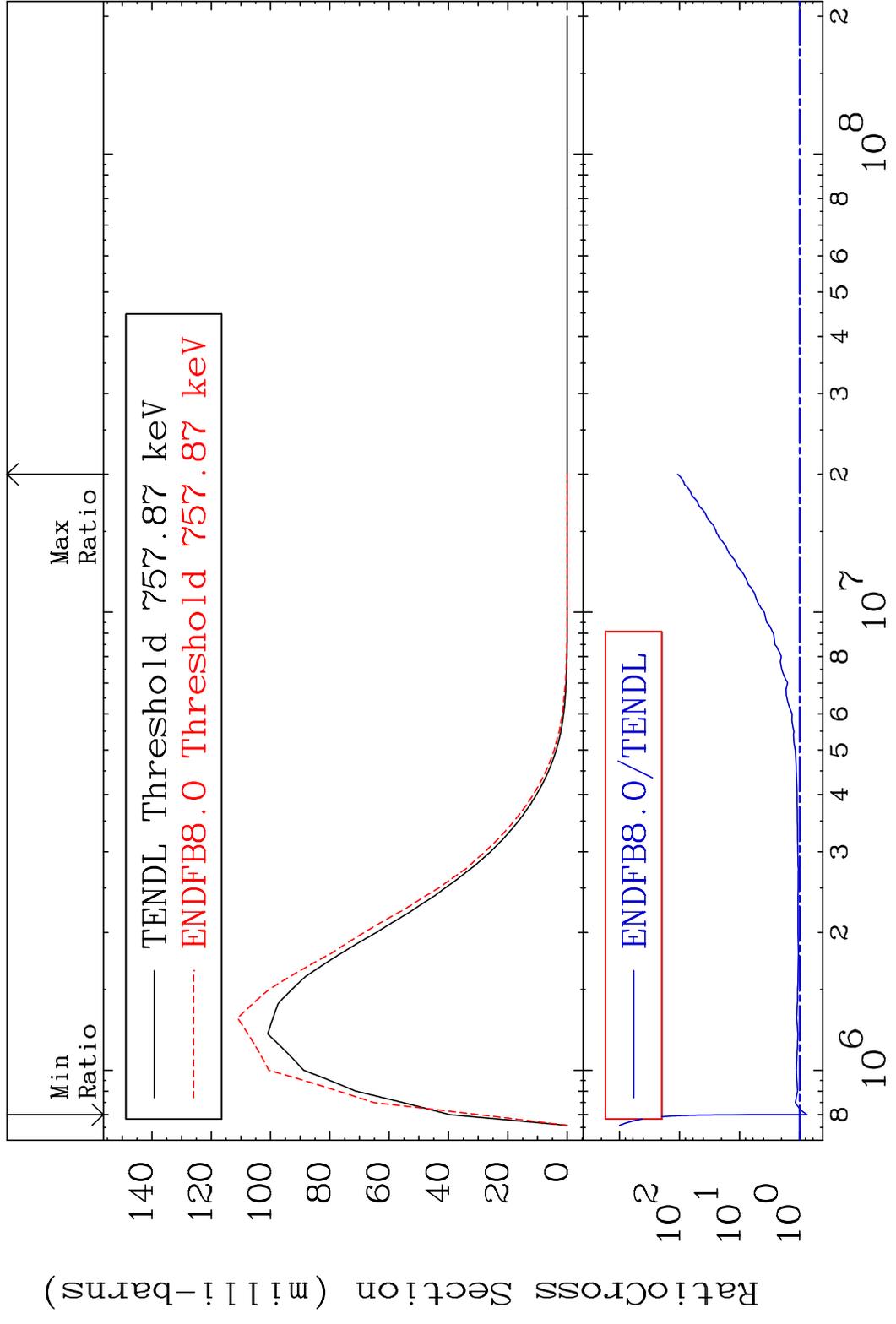


8 Incident Energy (eV) 32-Ge-71

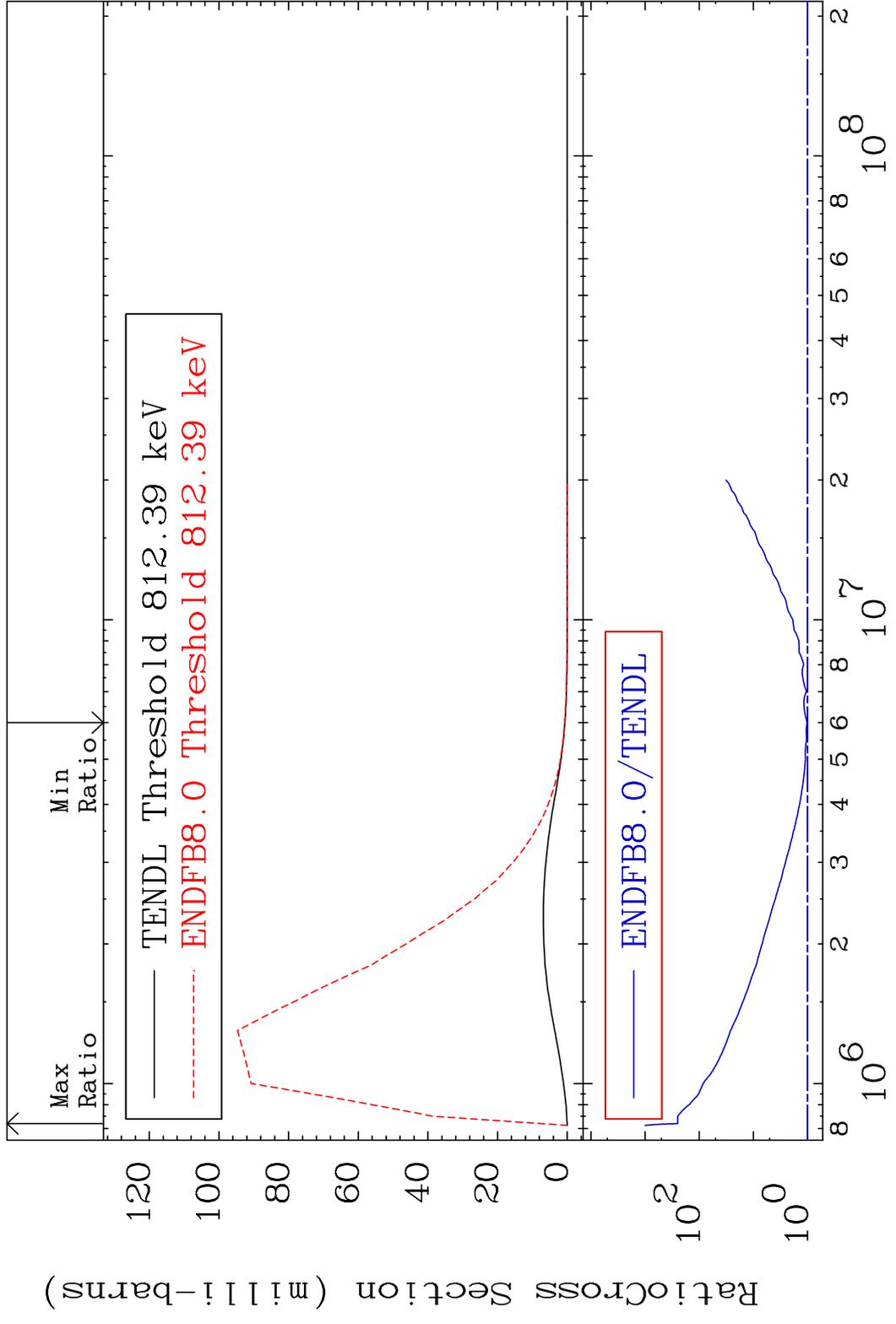
MAT 3228 MT= 55 (n, n') Level 32-Ge-71
 Cross Section -52.85 To 9999. %



MAT 3228 MT= 57 (n, n') Level 32-Ge-71
 Cross Section -24.73 To 9999. %

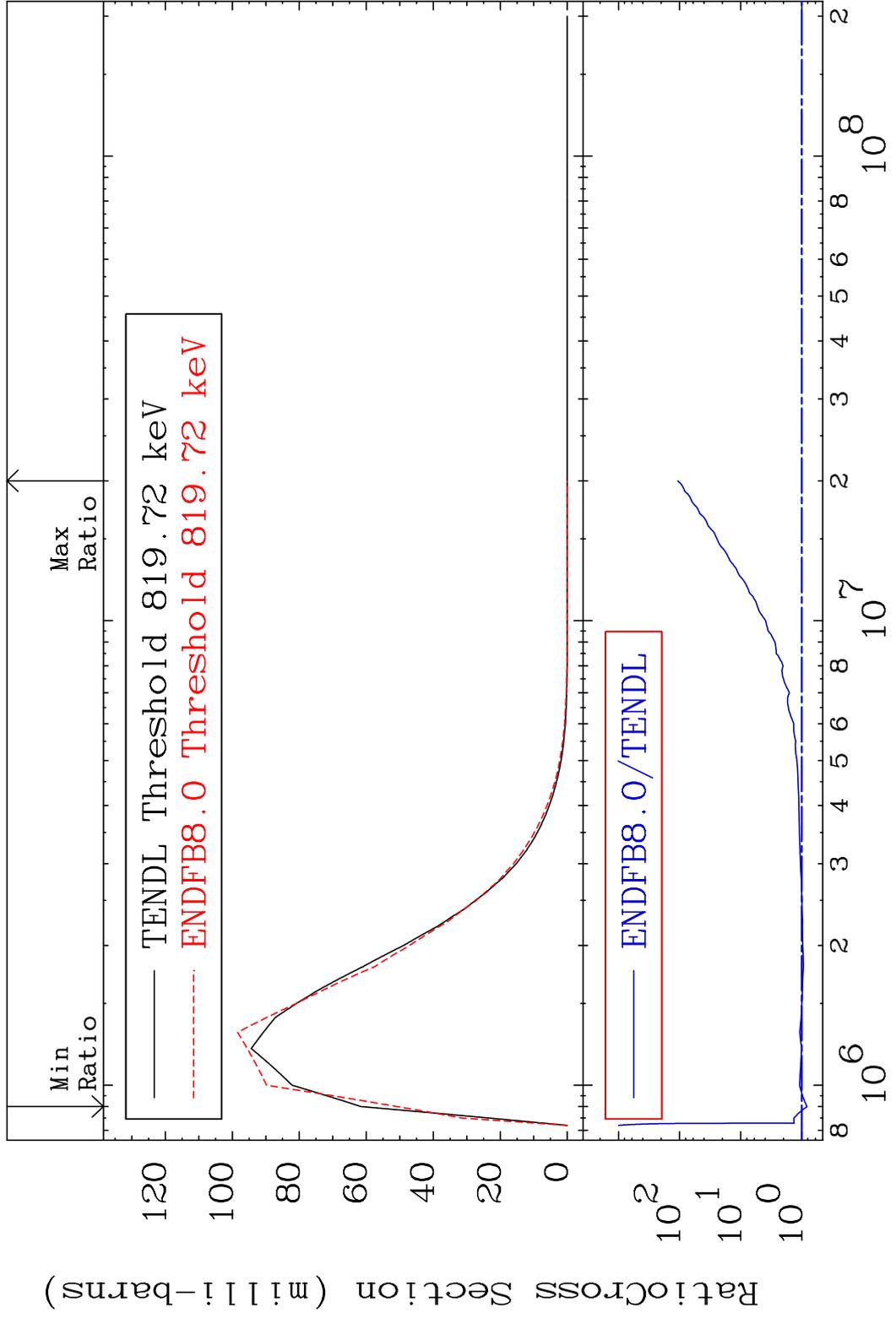


MAT 3228 MT= 58 (n,n') Level 32-Ge-71
 Cross Section 1.685 To 9999. %

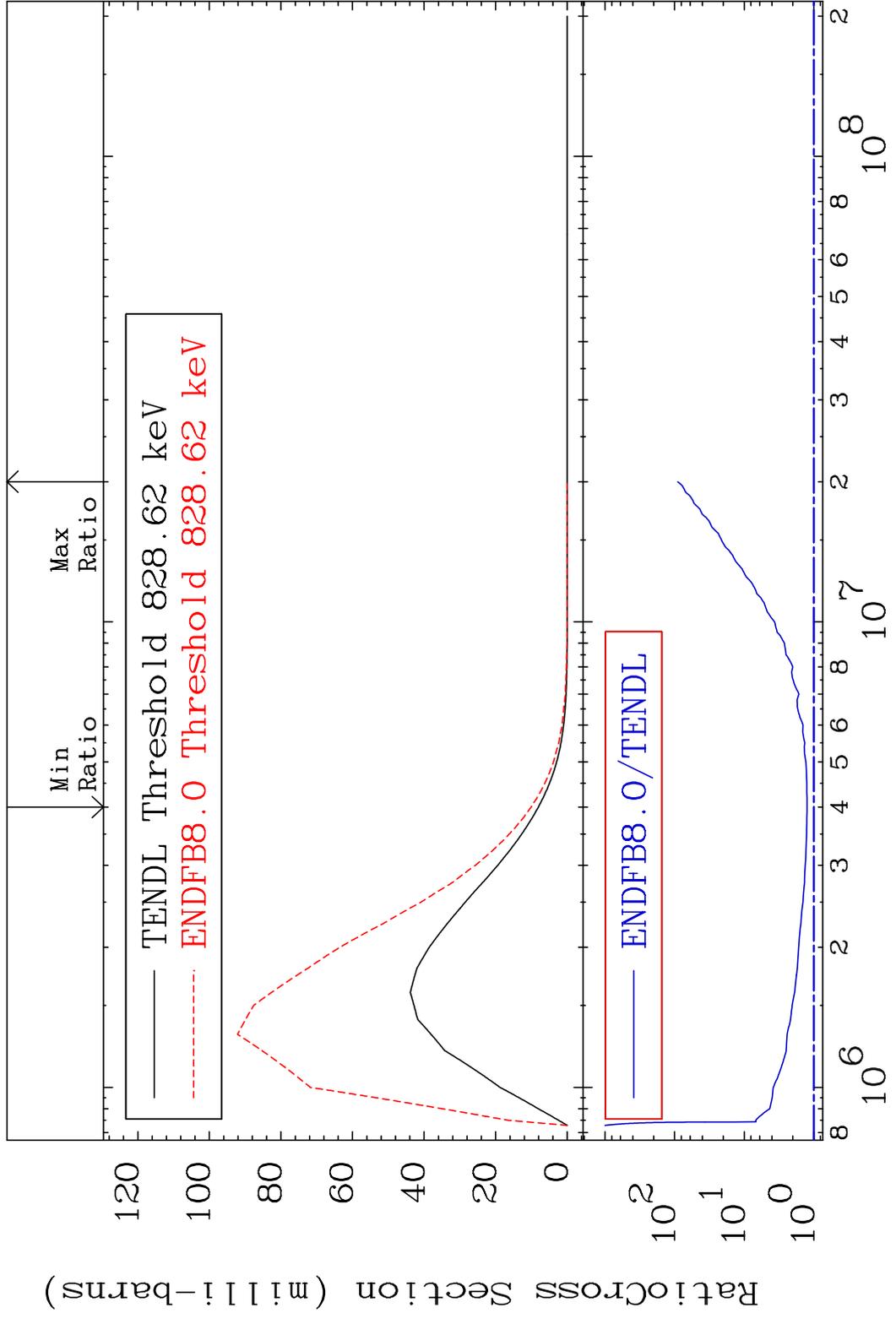


12 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 59 (n, n') Level 32-Ge-71
 Cross Section -17.50 To 9999. %

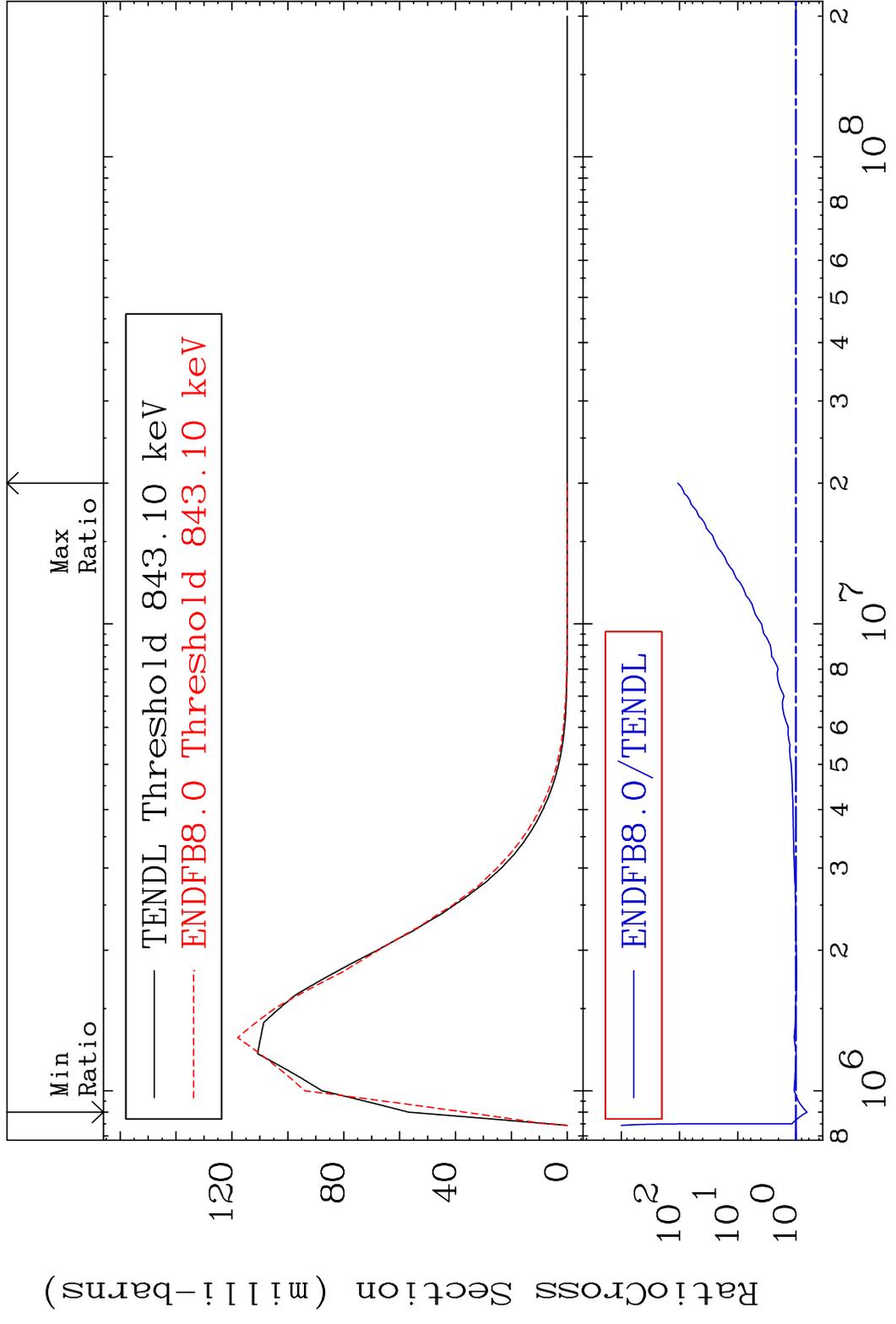


MAT 3228 MT= 60 (n, n') Level 32-Ge-71
 Cross Section 25.10 To 8943. %



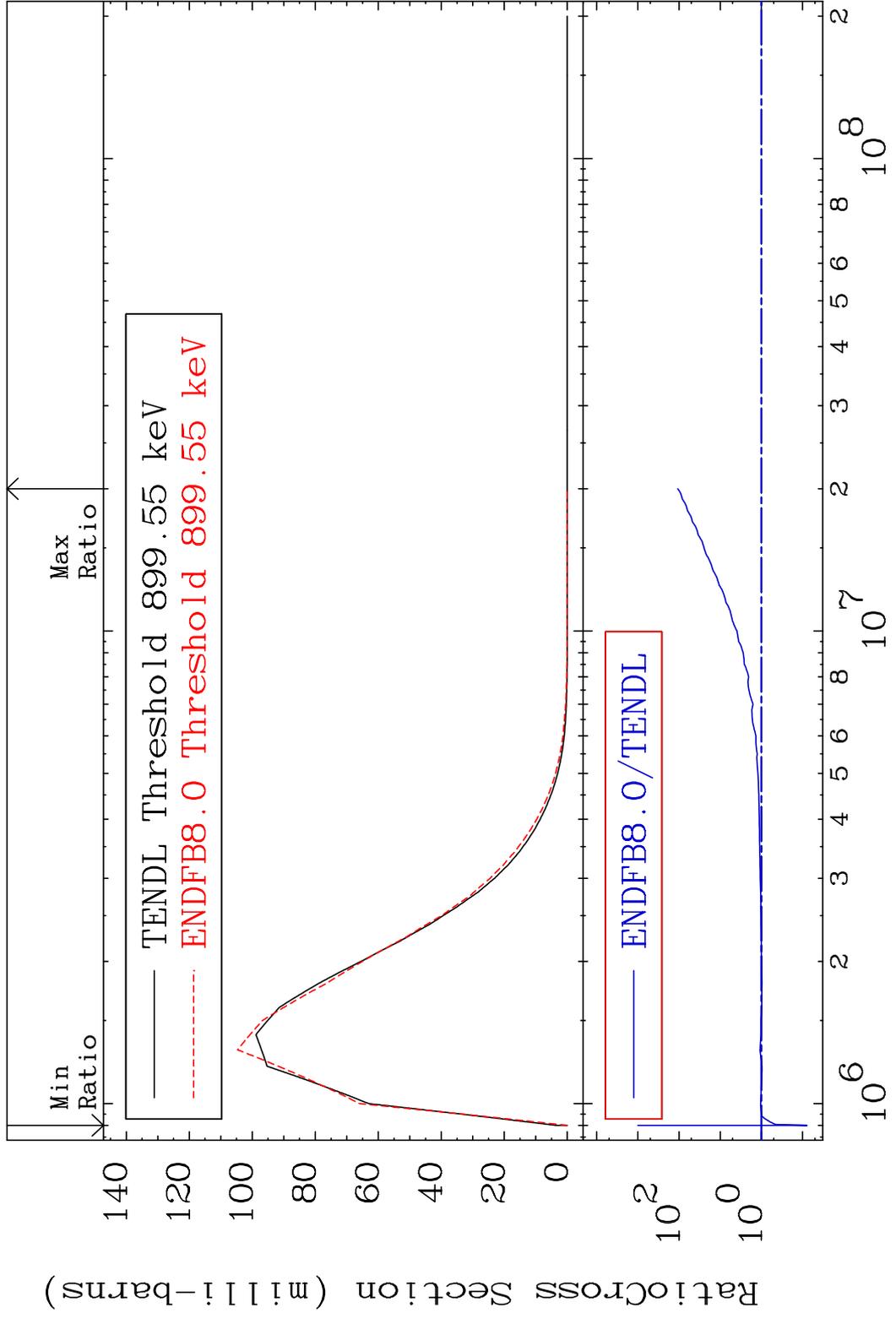
14 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 61 (n, n') Level 32-Ge-71
 Cross Section -35.39 To 9999. %



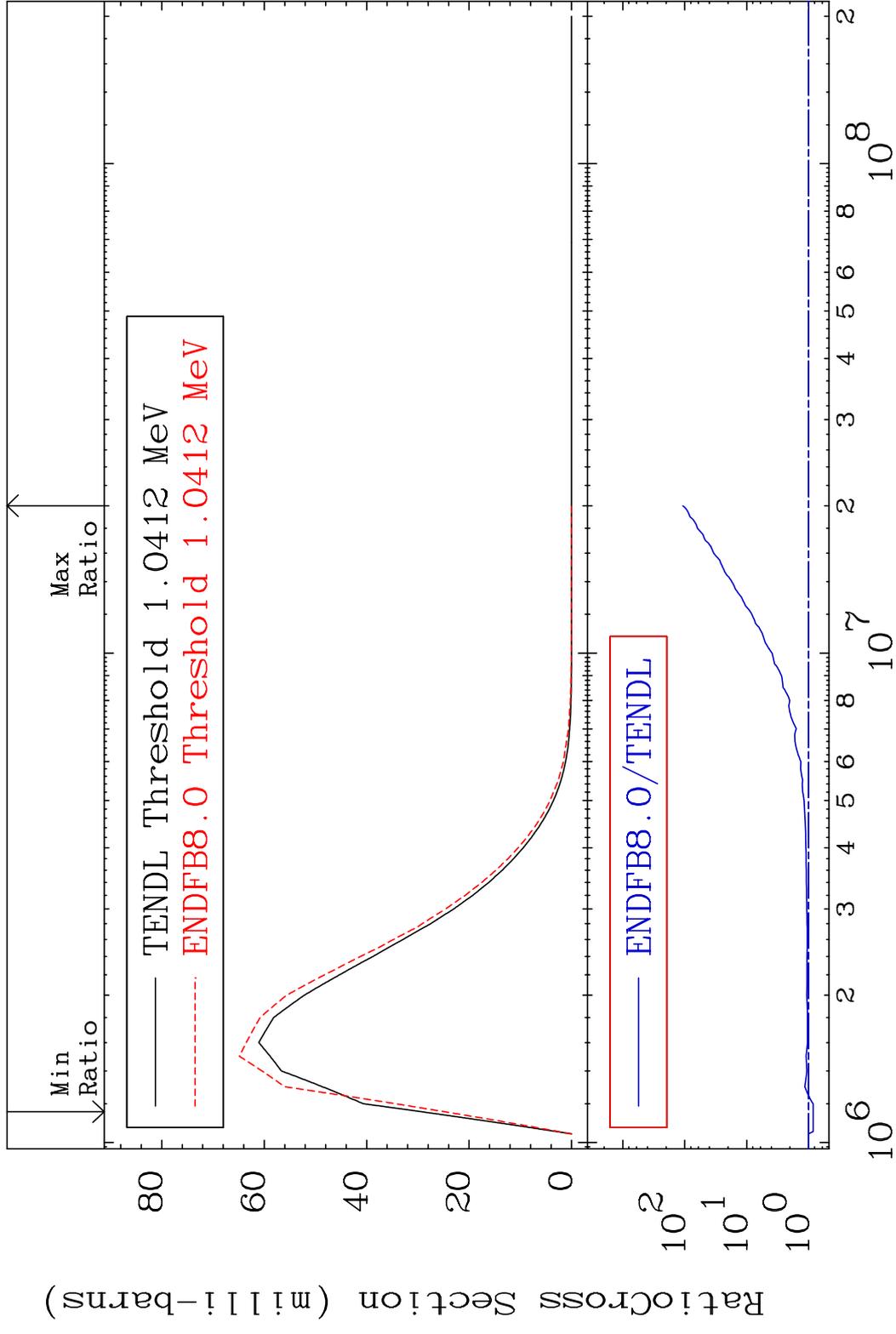
15 Incident Energy (eV) 32-Ge-71

MAT 3228 MT= 62 (n, n') Level 32-Ge-71
 Cross Section -92.20 To 9999. %

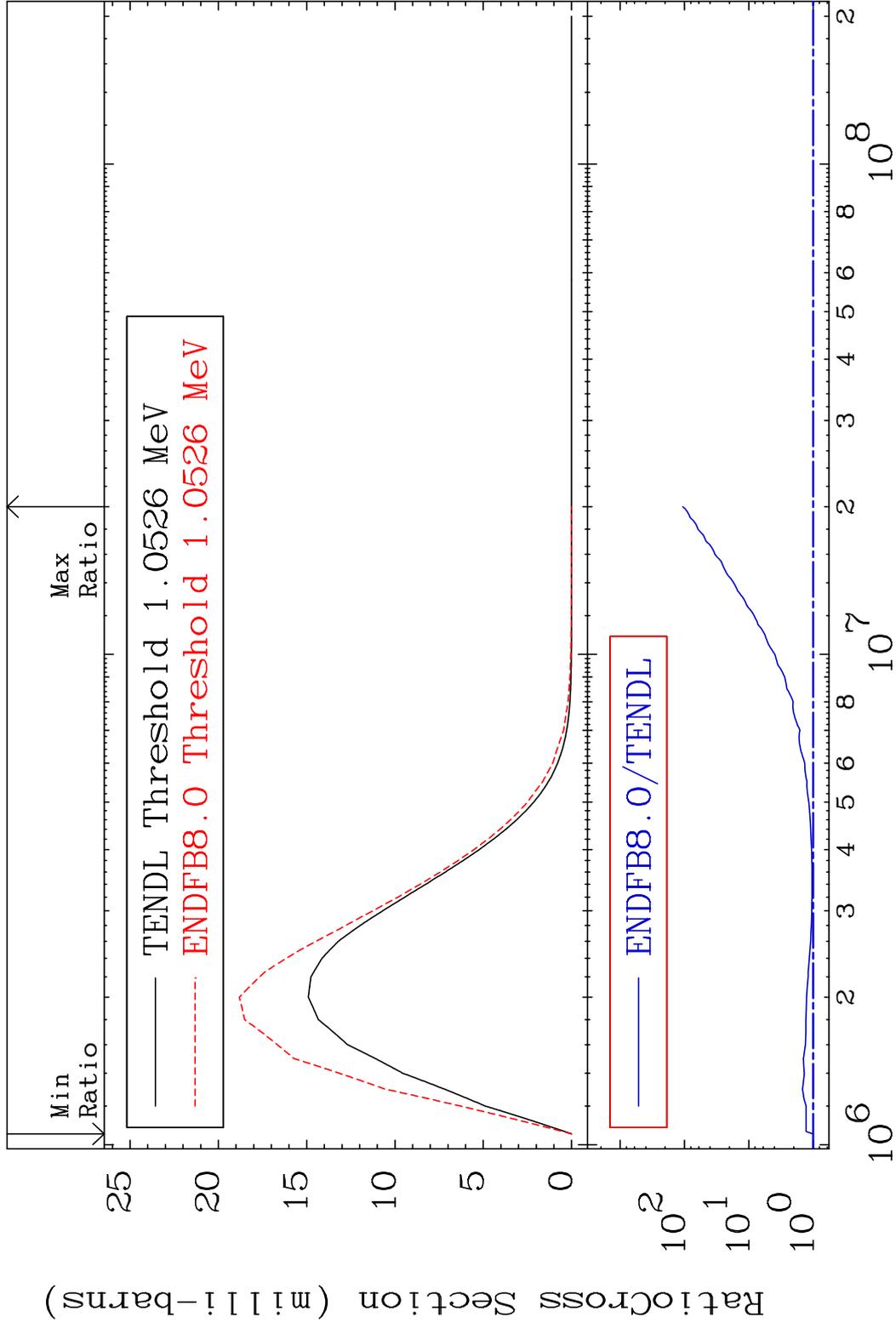


16 Incident Energy (eV) 32-Ge-71

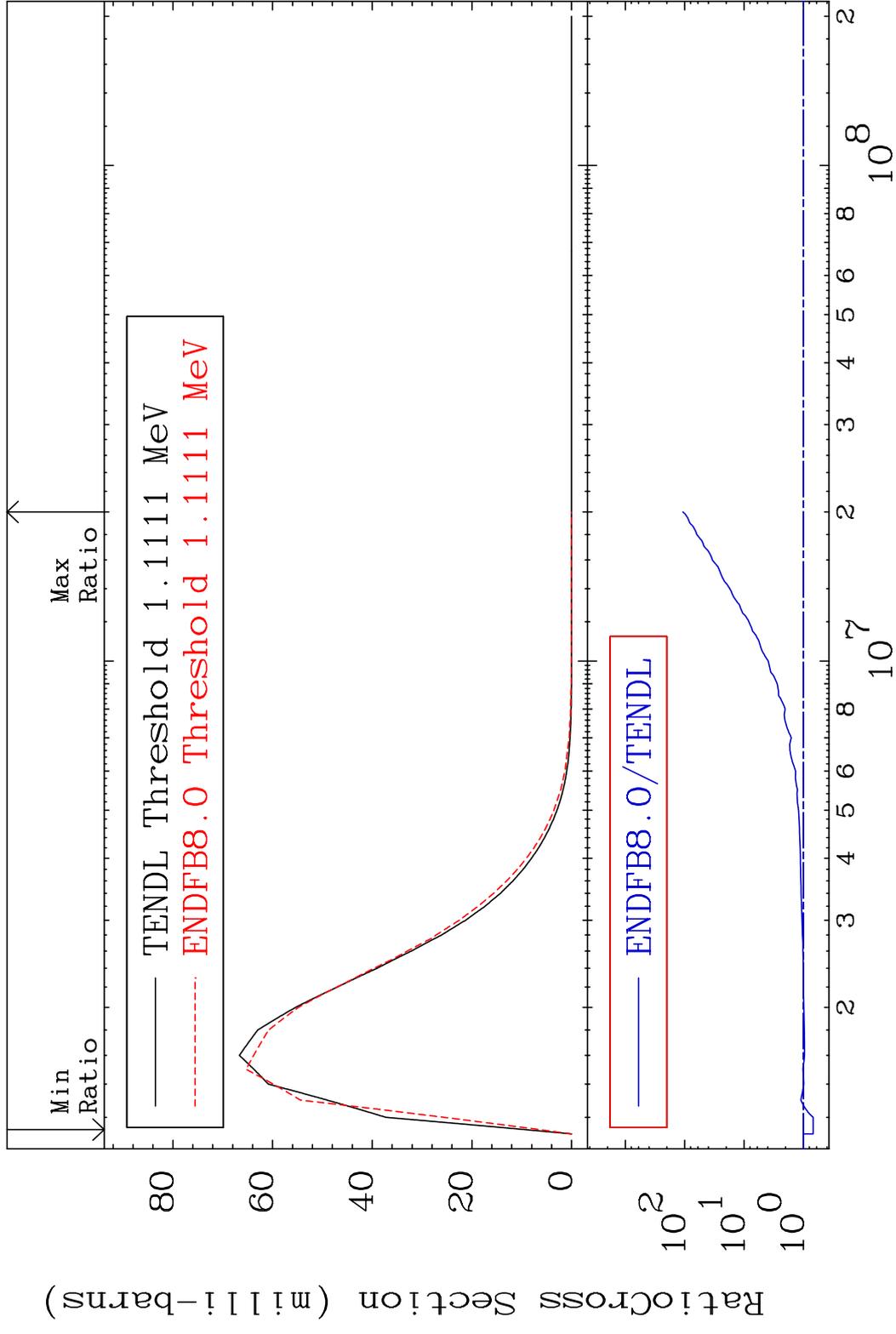
MAT 3228 MT= 63 (n, n') Level 32-Ge-71
 Cross Section -15.43 To 9999. %



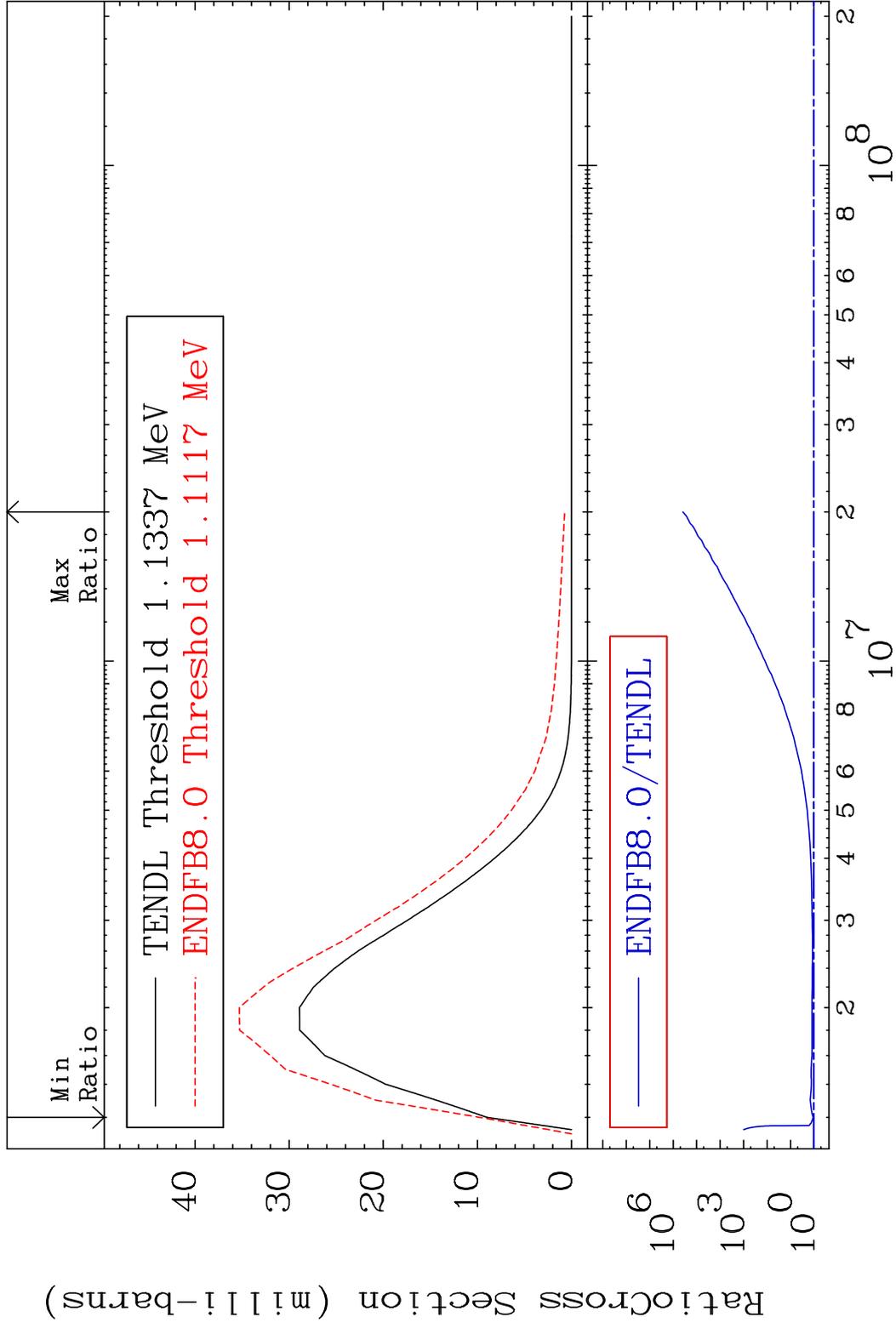
MAT 3228 MT= 64 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %



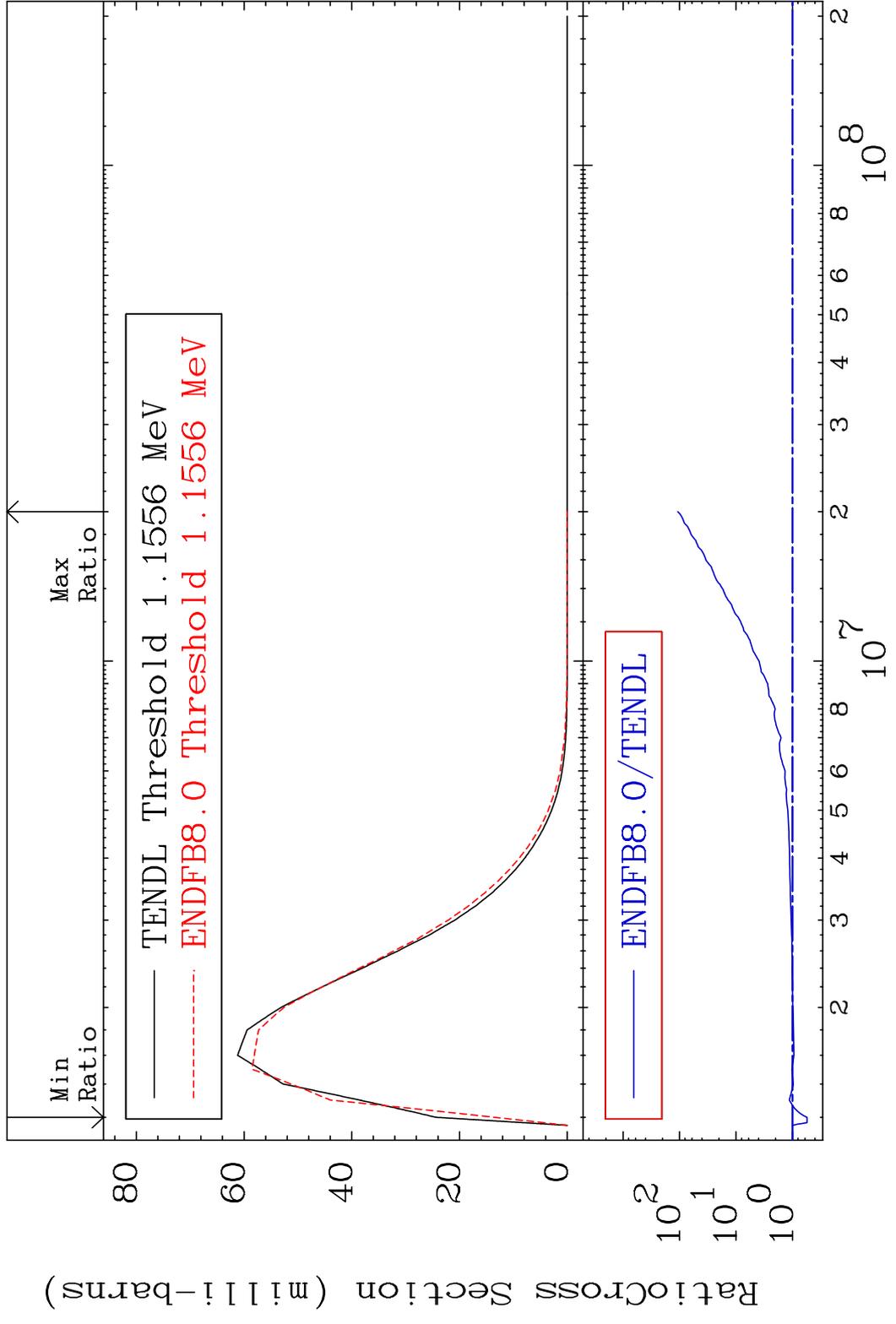
MAT 3228 MT= 65 (n, n') Level 32-Ge-71
 Cross Section -31.27 To 9999. %



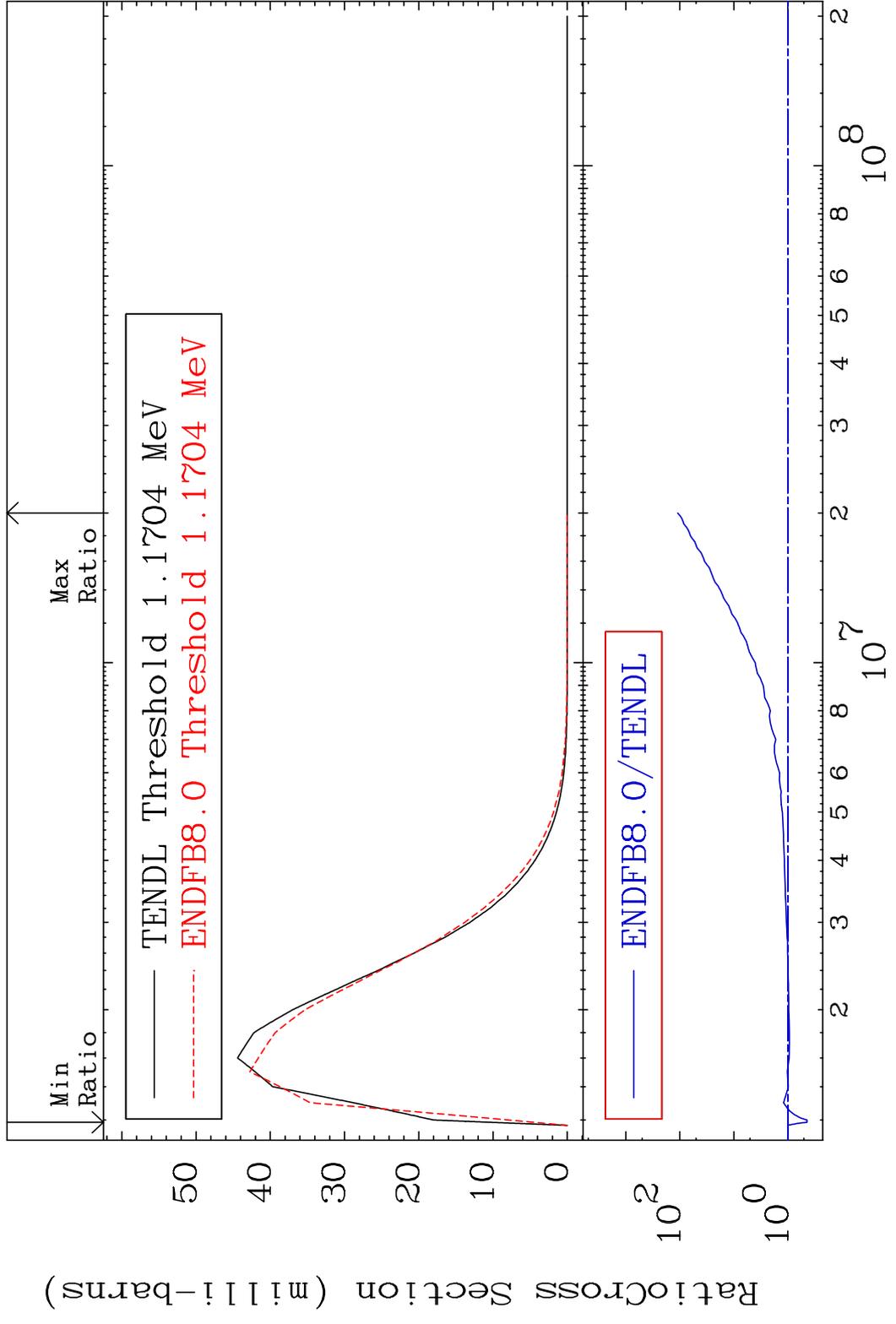
MAT 3228 MT= 66 (n, n') Level 32-Ge-71
 Cross Section 8.607 To 9999. %



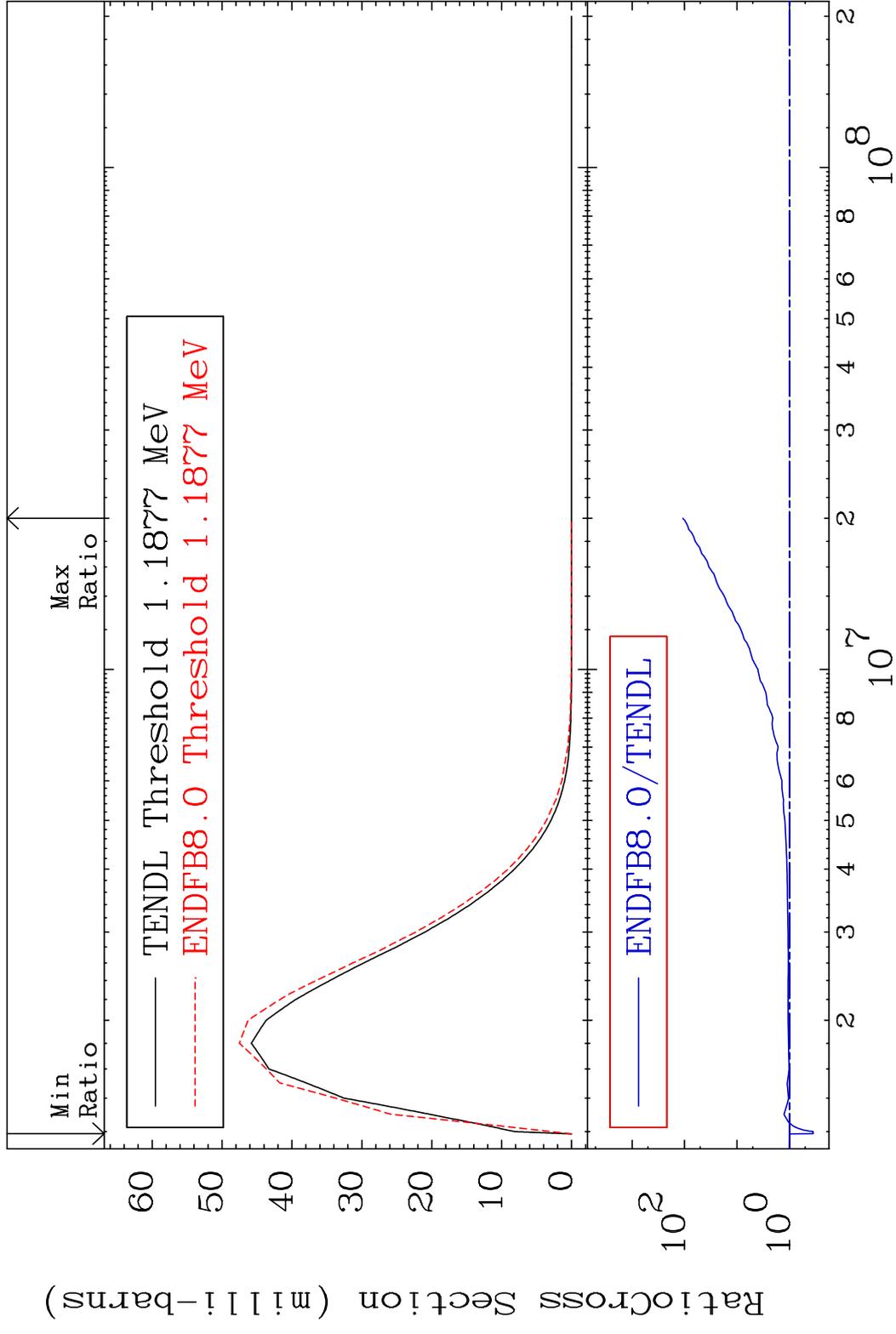
MAT 3228 MT= 67 (n, n') Level 32-Ge-71
 Cross Section -44.54 To 9999. %



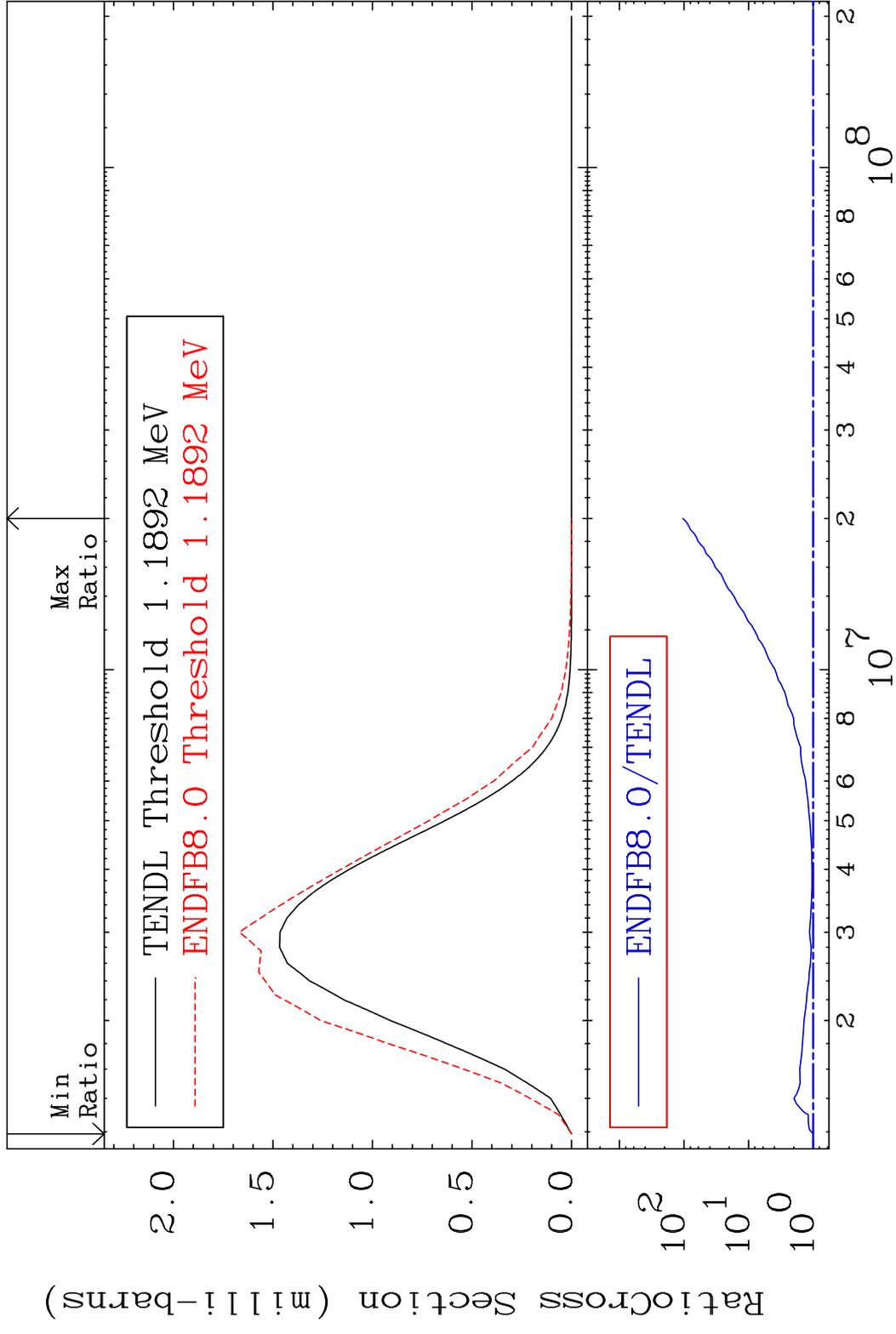
MAT 3228 MT= 68 (n, n') Level 32-Ge-71
 Cross Section -56.08 To 9999. %



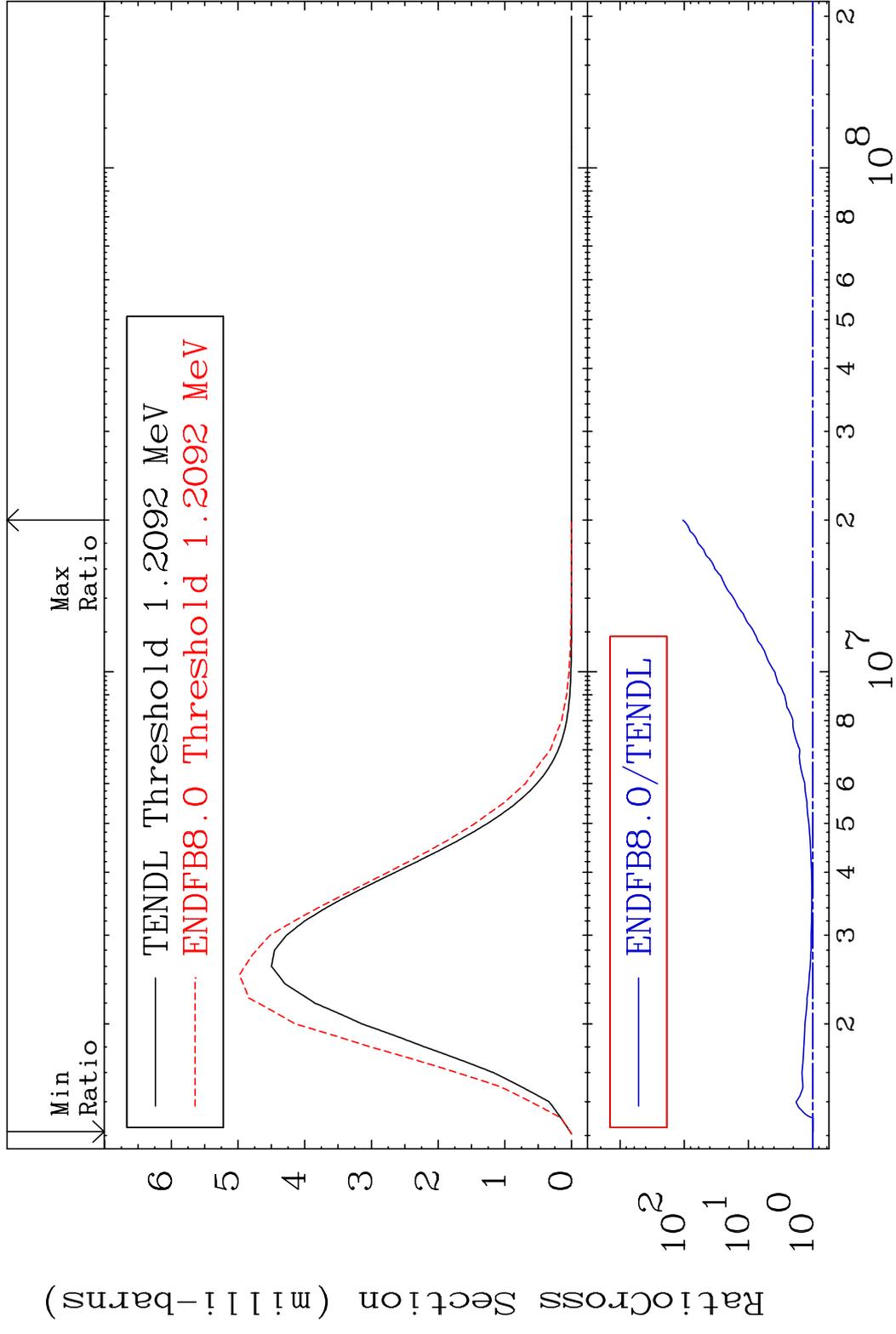
MAT 3228 MT= 69 (n, n') Level 32-Ge-71
 Cross Section -64.75 To 9999. %



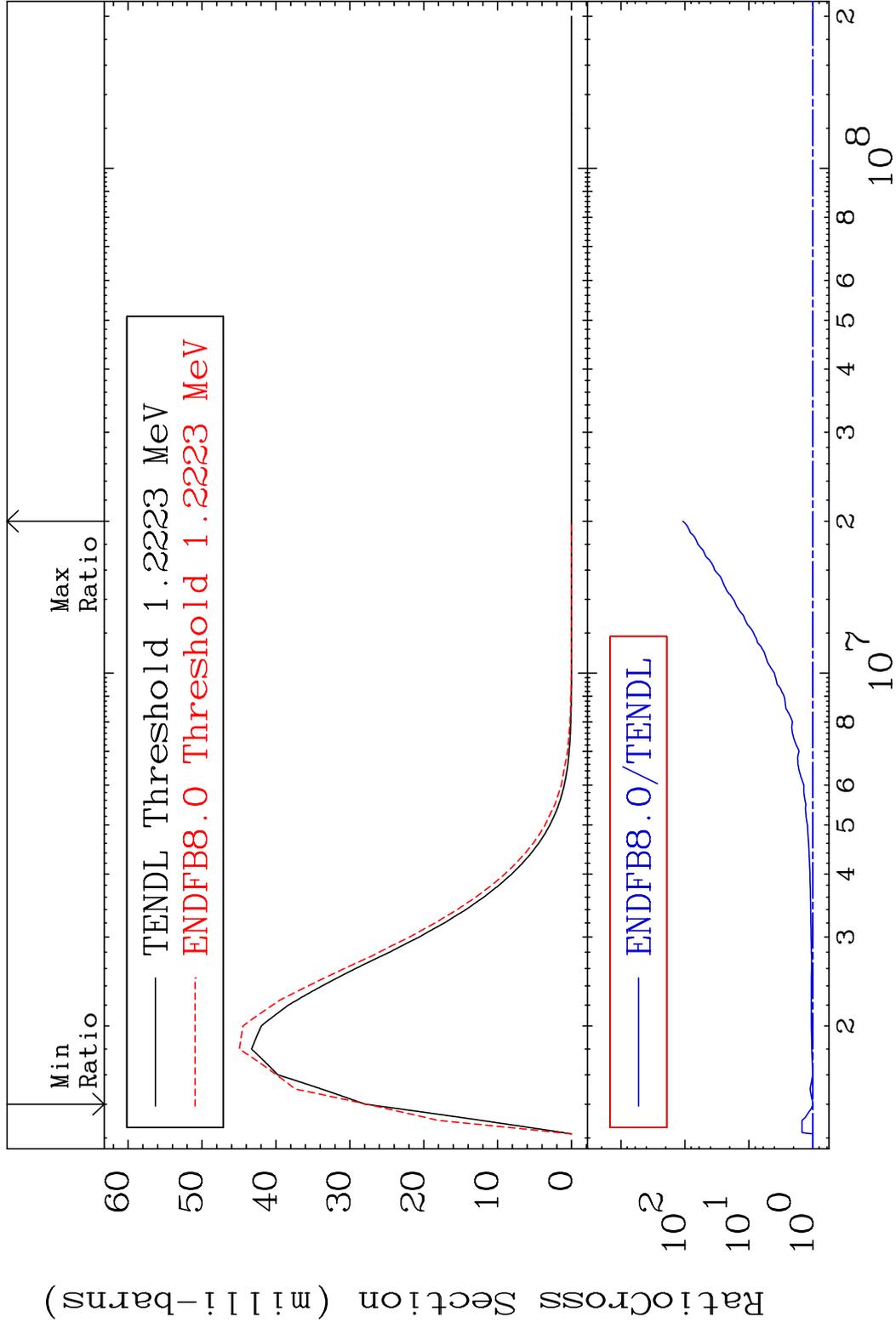
MAT 3228 MT= 70 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %



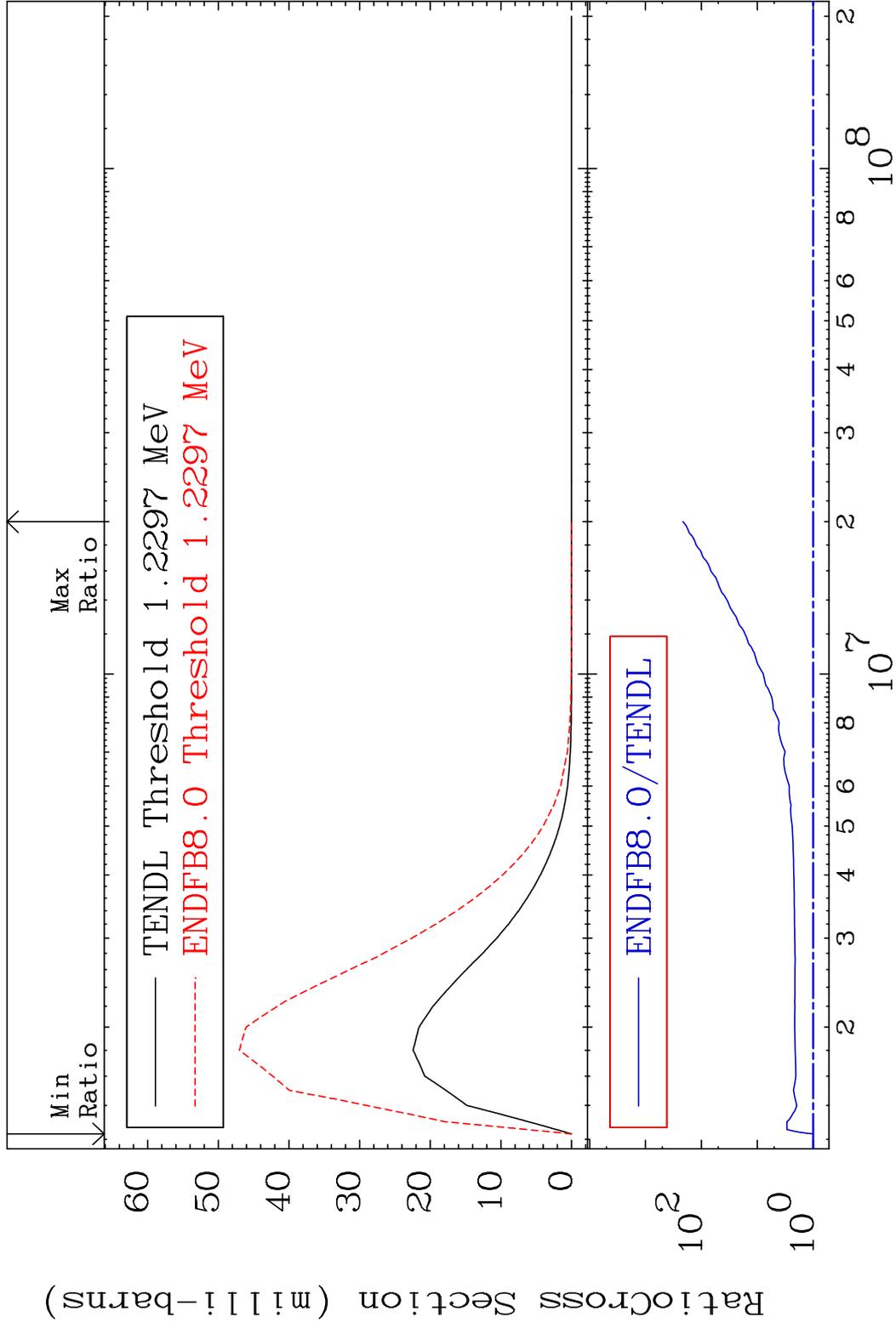
MAT 3228 MT= 71 (n, n') Level 32-Ge-71
 Cross Section -1.683 To 9999. %



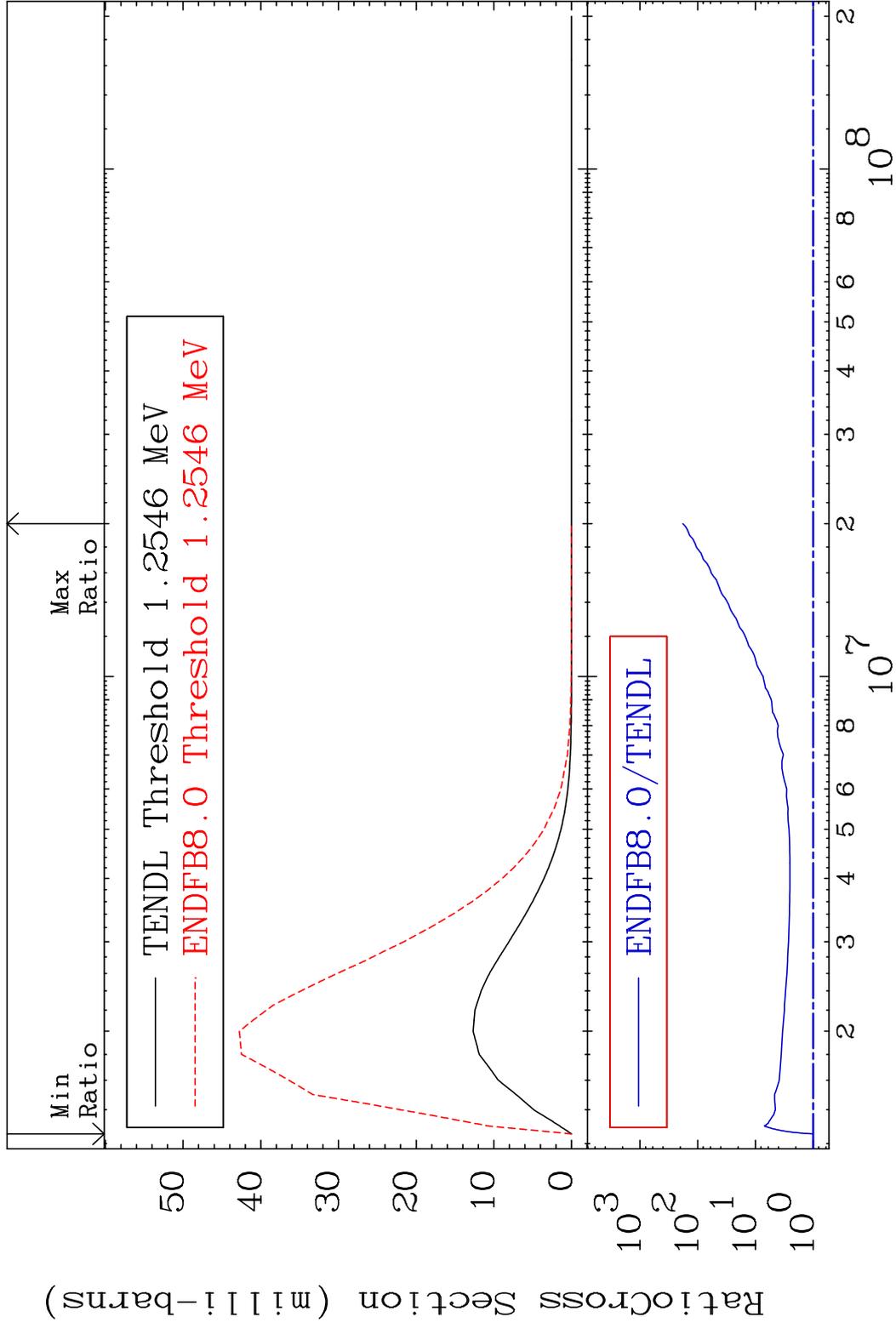
MAT 3228 MT= 72 (n, n') Level 32-Ge-71
 Cross Section -0.7777 To 9999. %



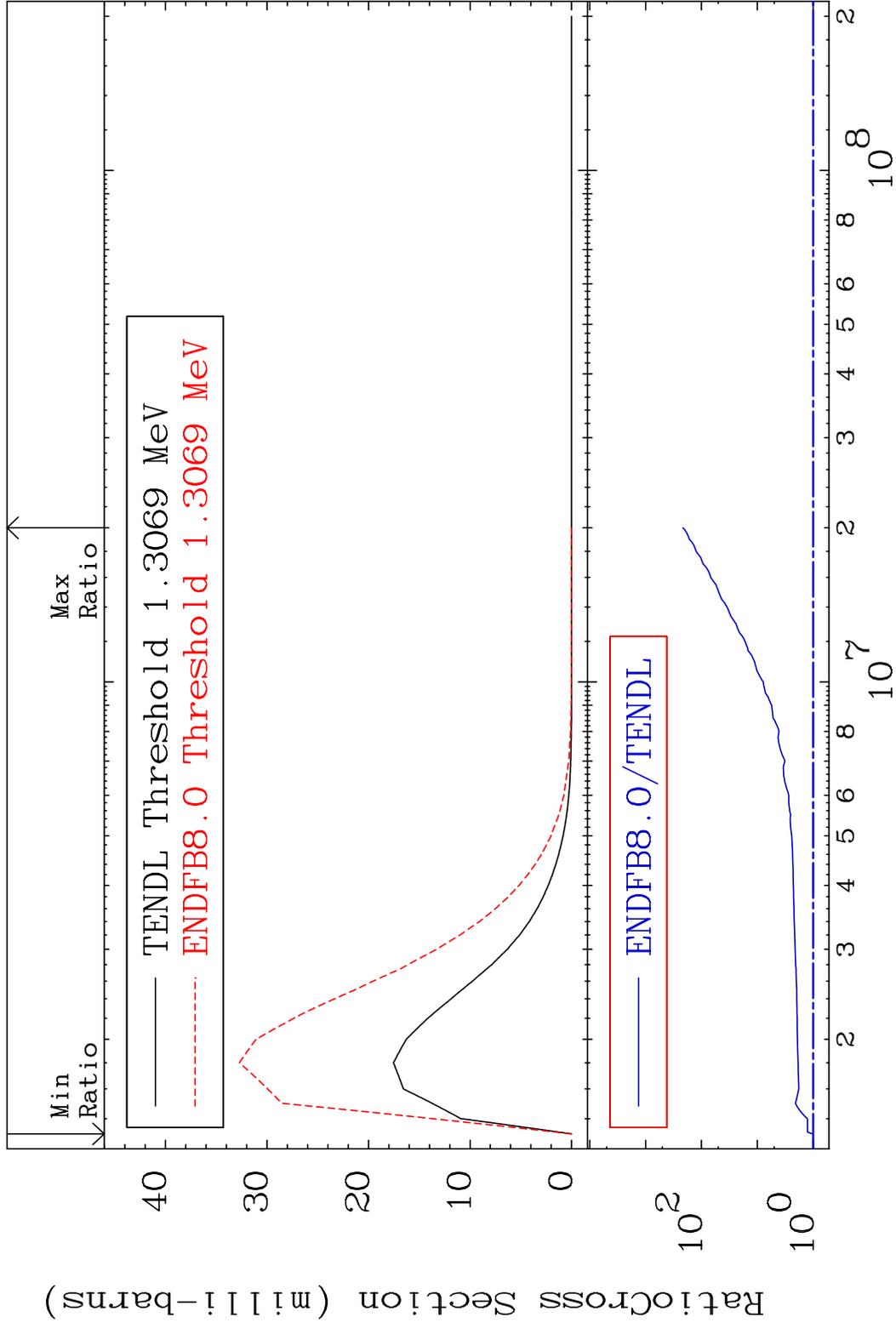
MAT 3228 MT= 73 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %



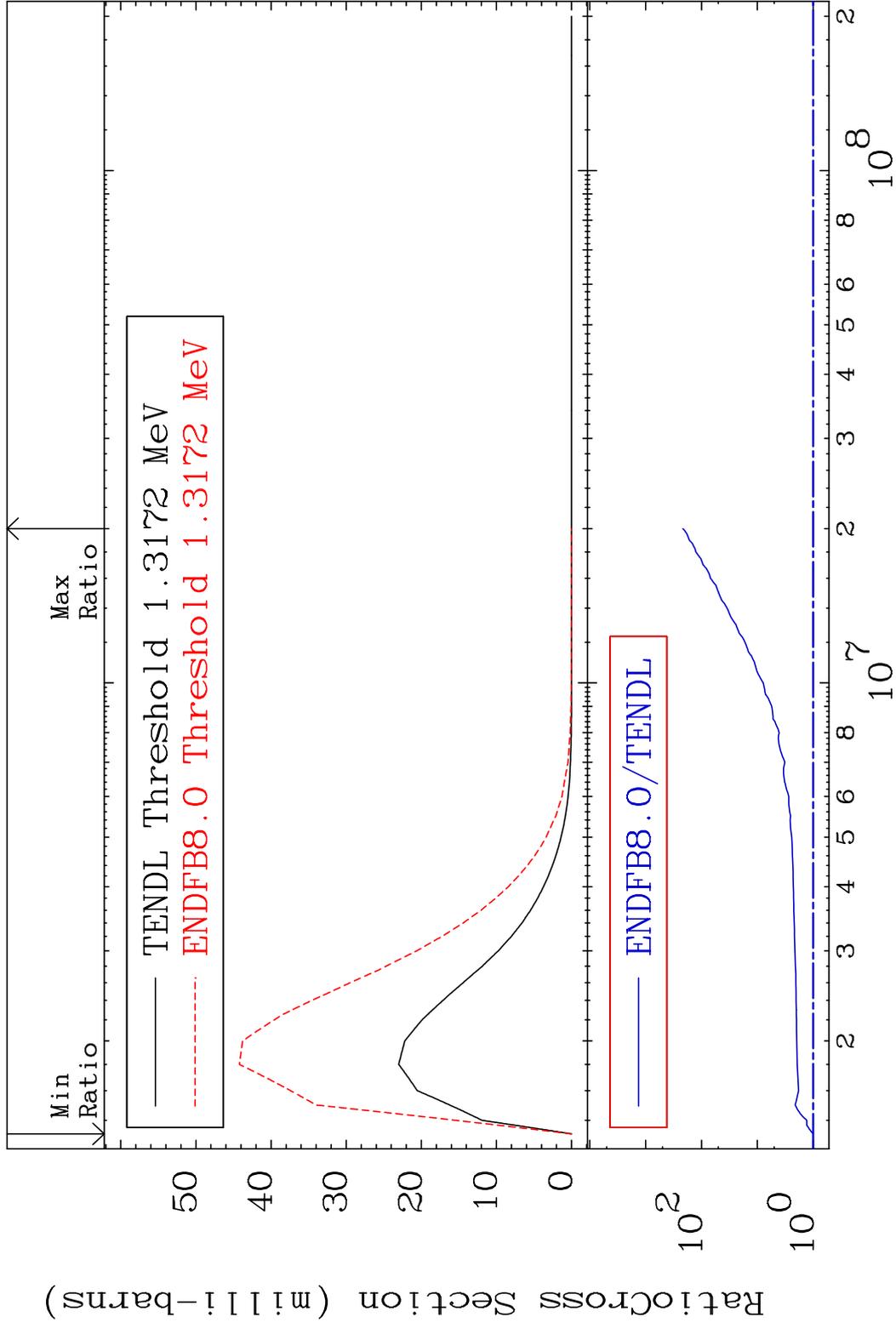
MAT 3228 MT= 74 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %



MAT 3228 MT= 75 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %

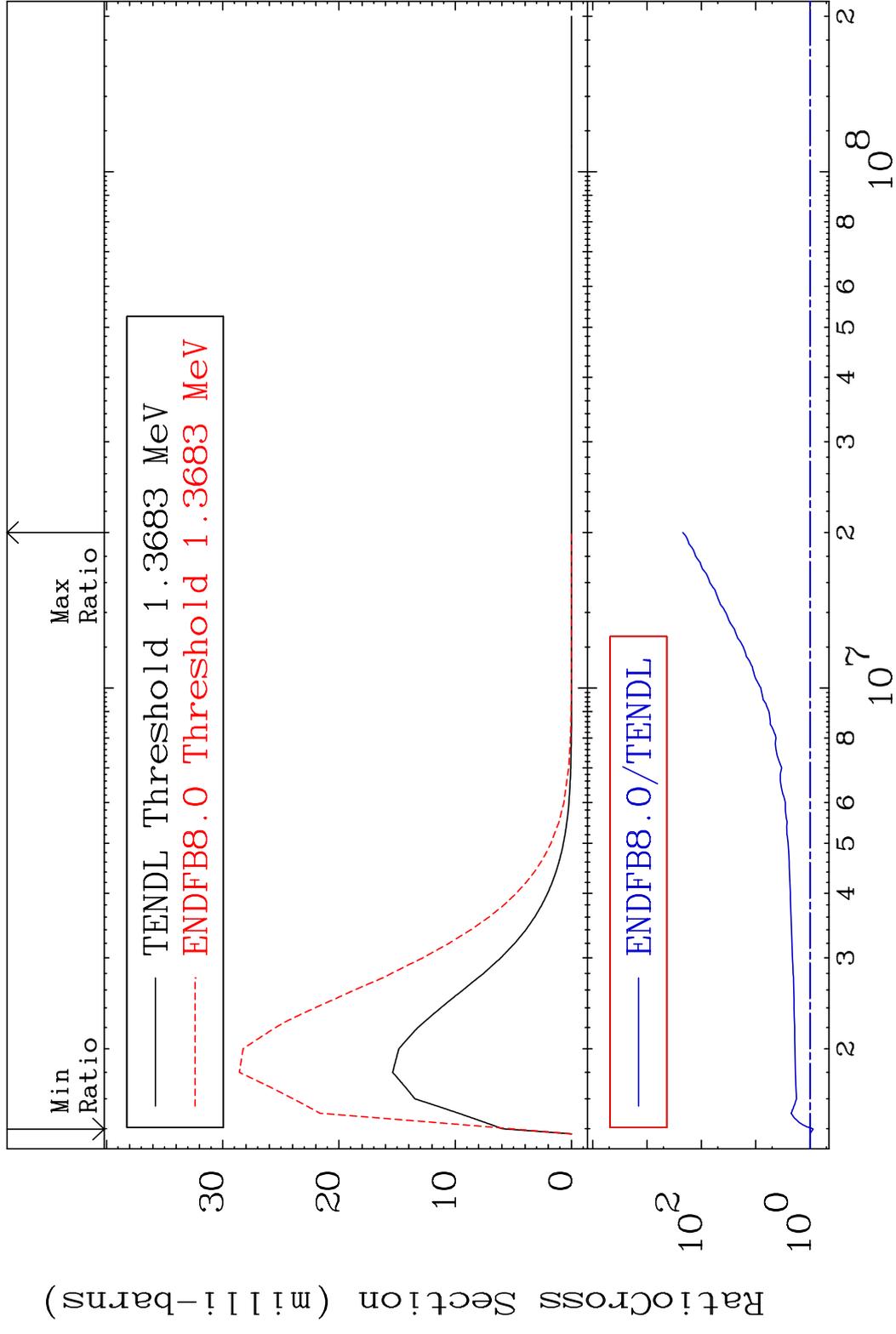


MAT 3228 MT= 76 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %

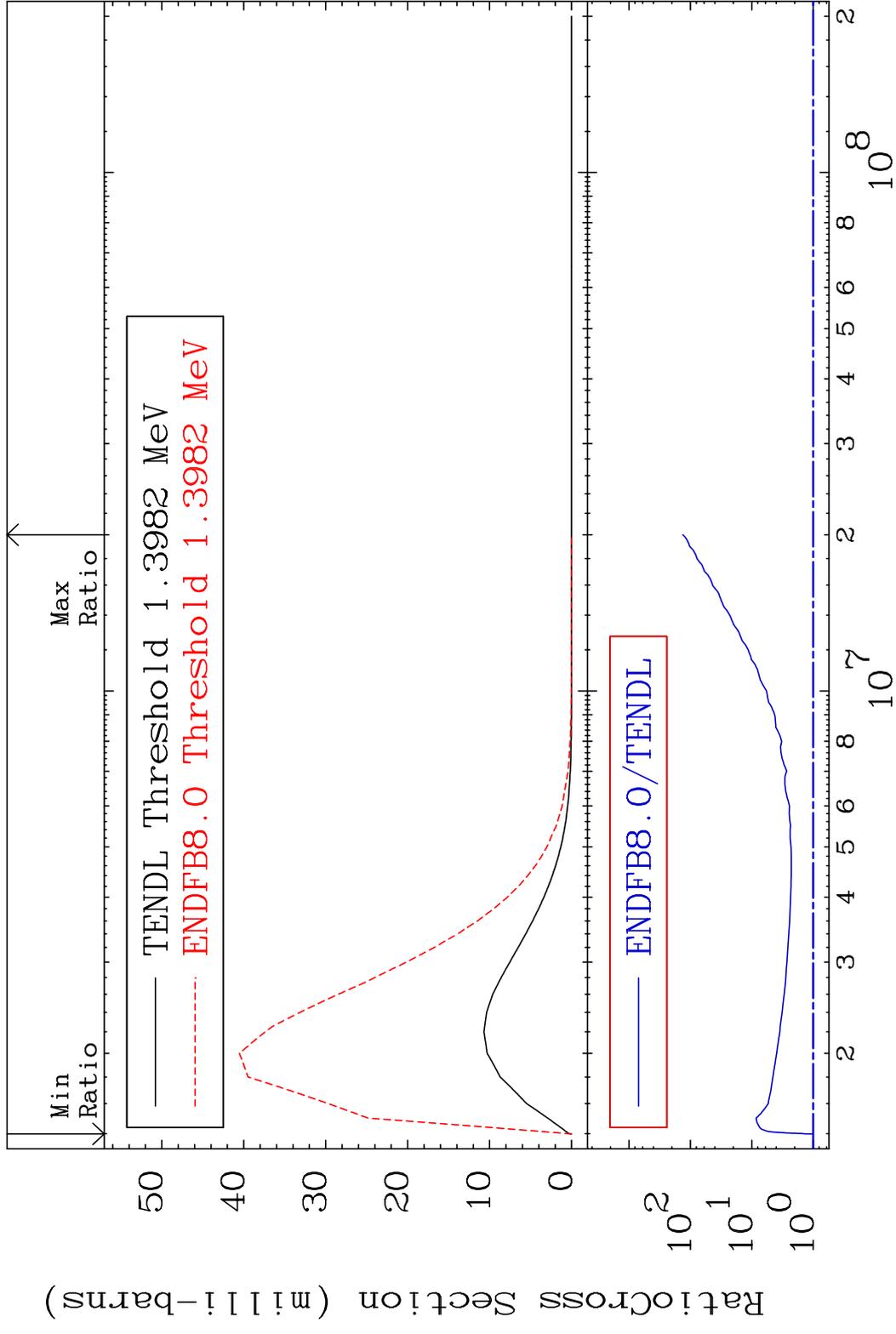


30 Incident Energy (eV) 32-Ge-71

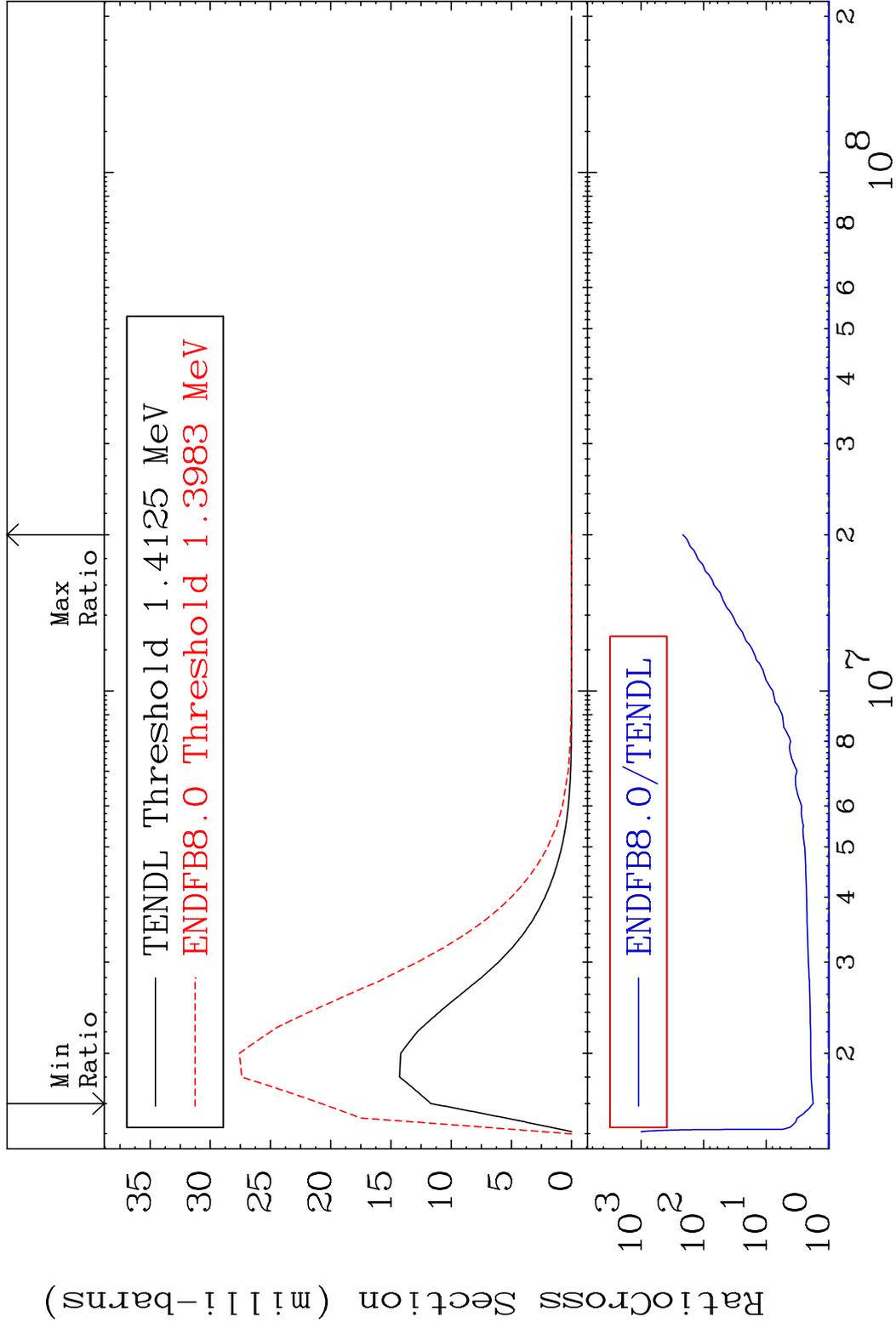
MAT 3228 MT= 77 (n, n') Level 32-Ge-71
 Cross Section -12.29 To 9999. %



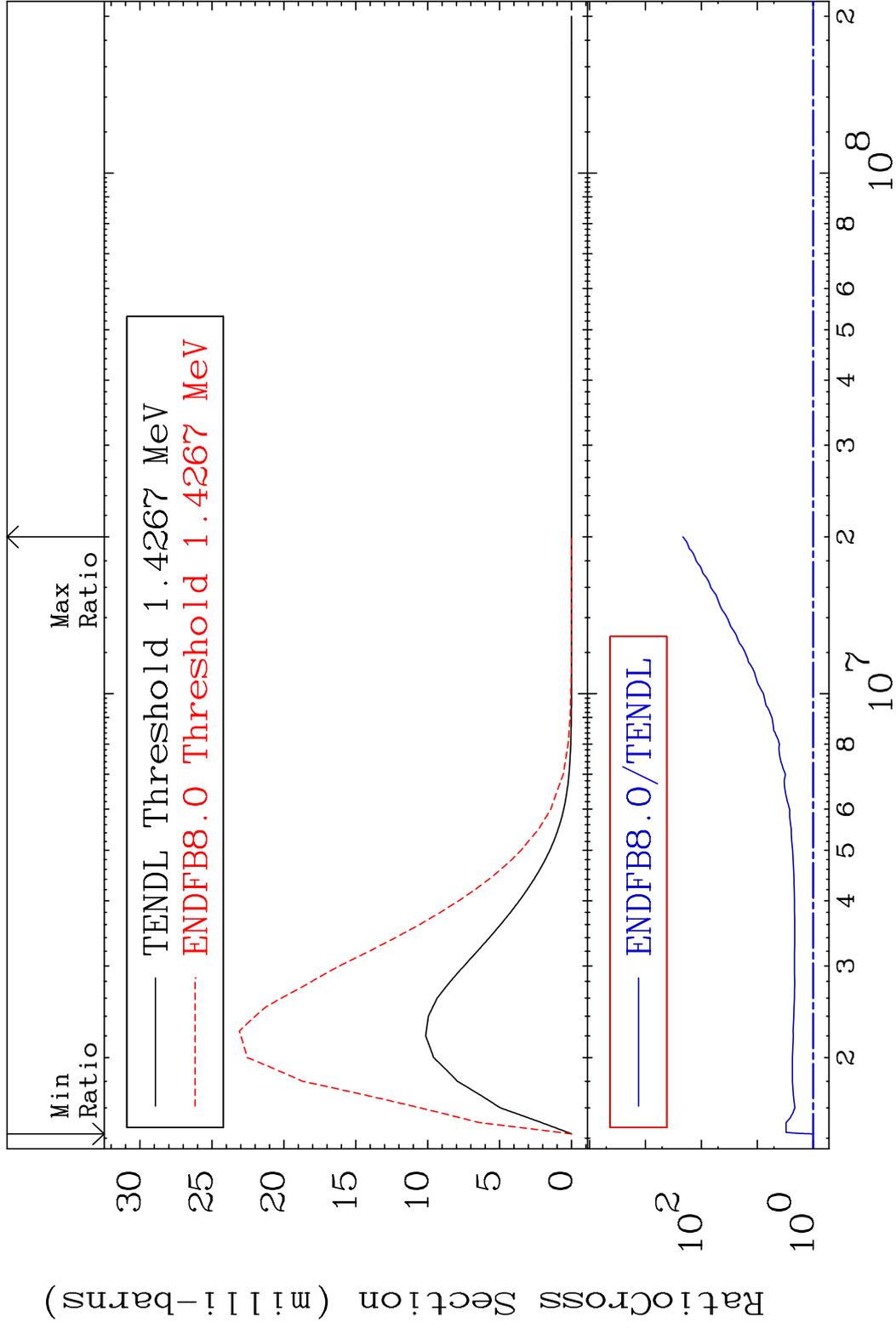
MAT 3228 MT= 78 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %



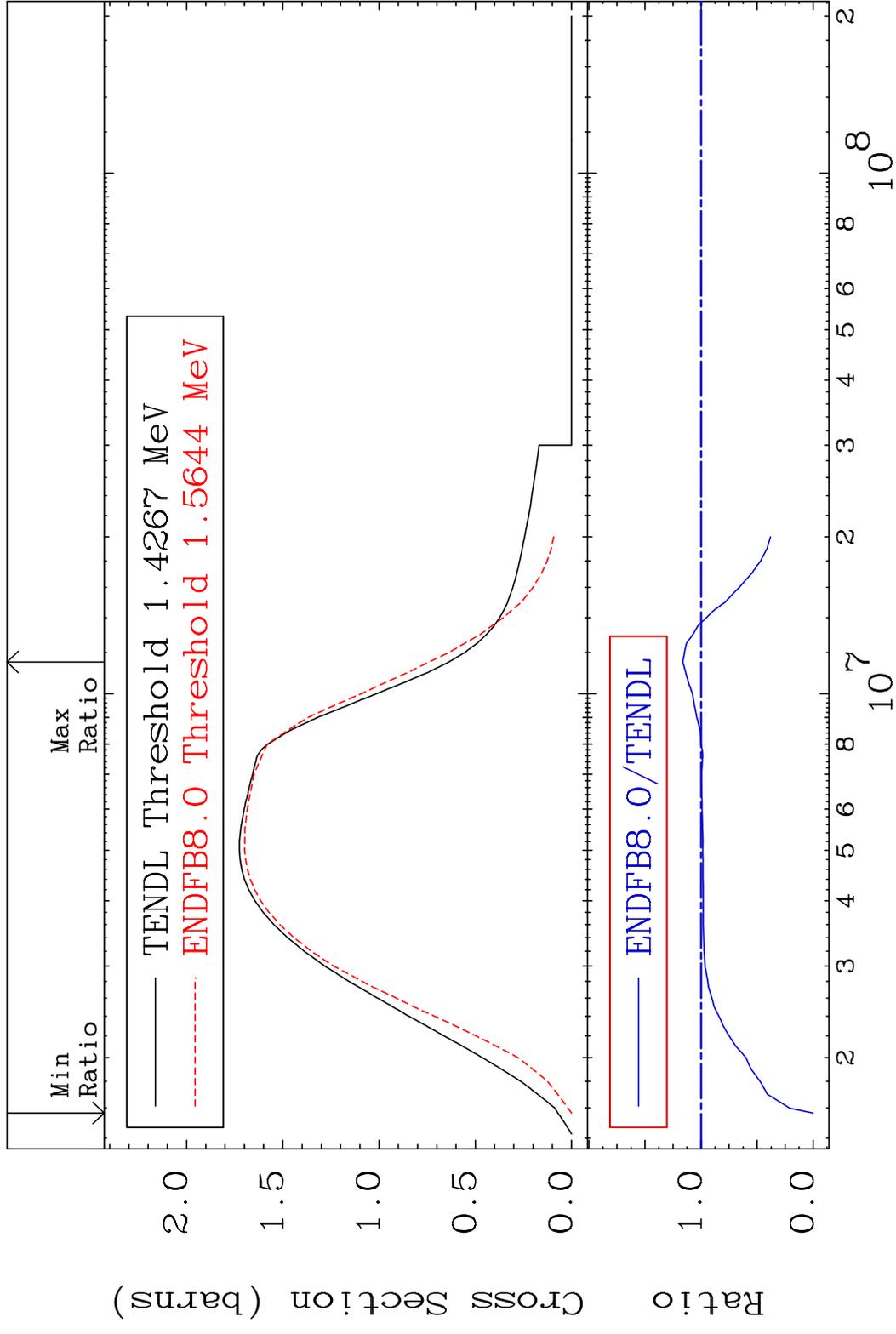
MAT 3228 MT= 79 (n, n') Level 32-Ge-71
 Cross Section 77.97 To 9999. %



MAT 3228 MT= 80 (n, n') Level 32-Ge-71
 Cross Section 0.000 To 9999. %

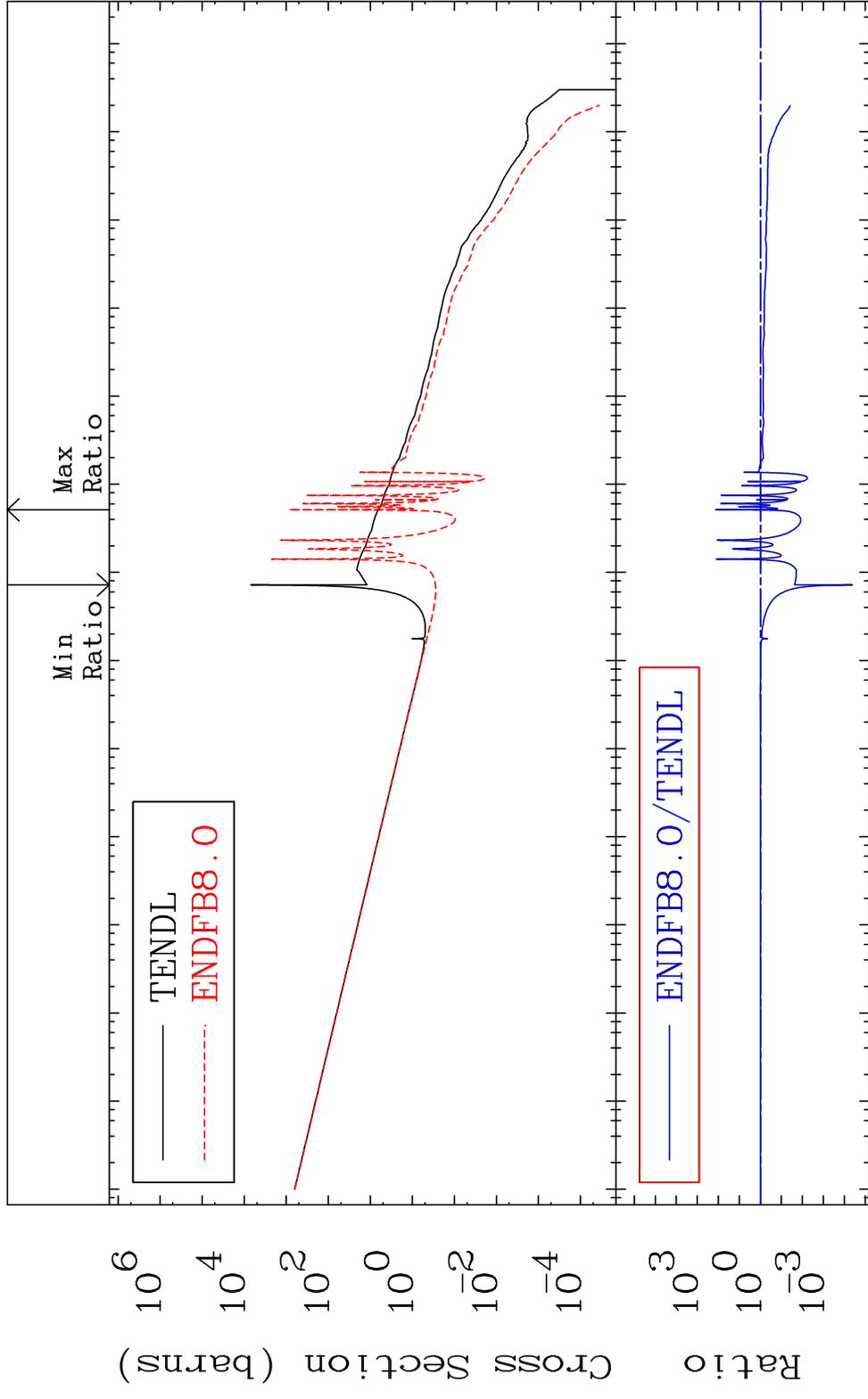


MAT 3228 (n,n') Continuum 32-Ge-71
 Cross Section -100.0 To 16.24 %



MAT 3228

(n, γ)
Cross Section -100.0 To 9999. %
32-Ge-71

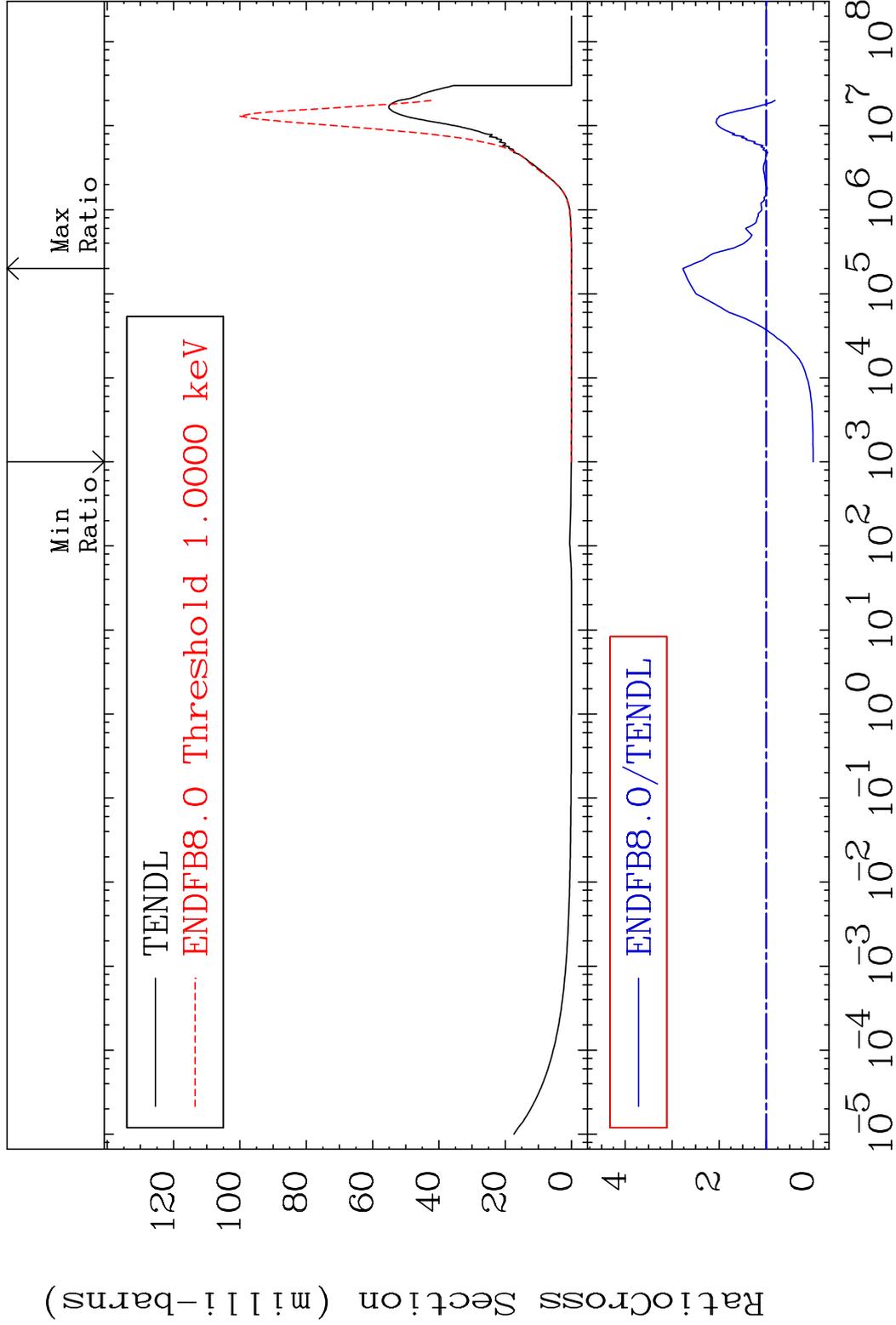


MAT 3228

(n, p)

32-Ge-71

Cross Section -100.0 To 177.1 %

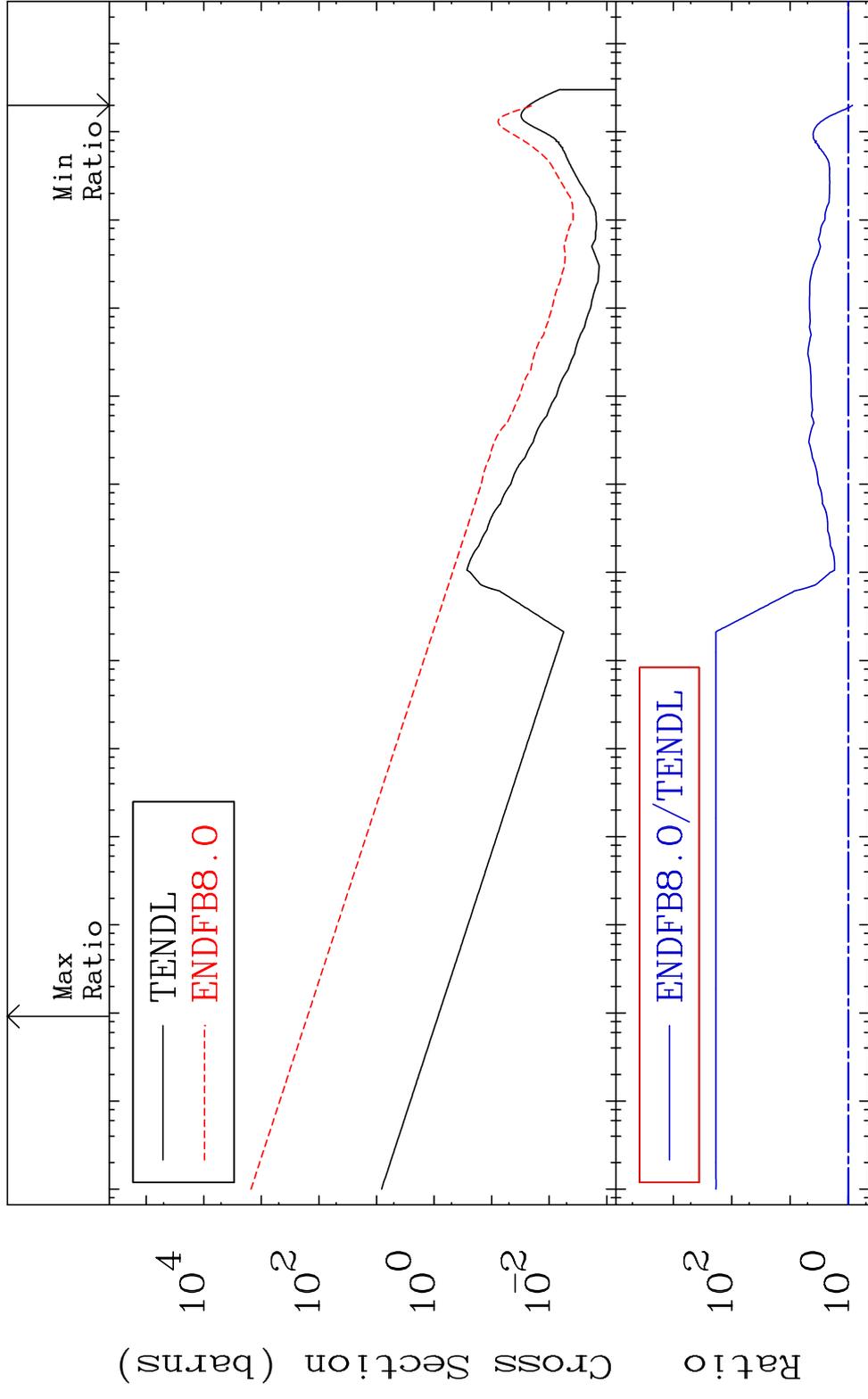


37

Incident Energy (eV)

32-Ge-71

MAT 3228 (n, α) Cross Section -15.14 To 9999. % 32-Ge-71

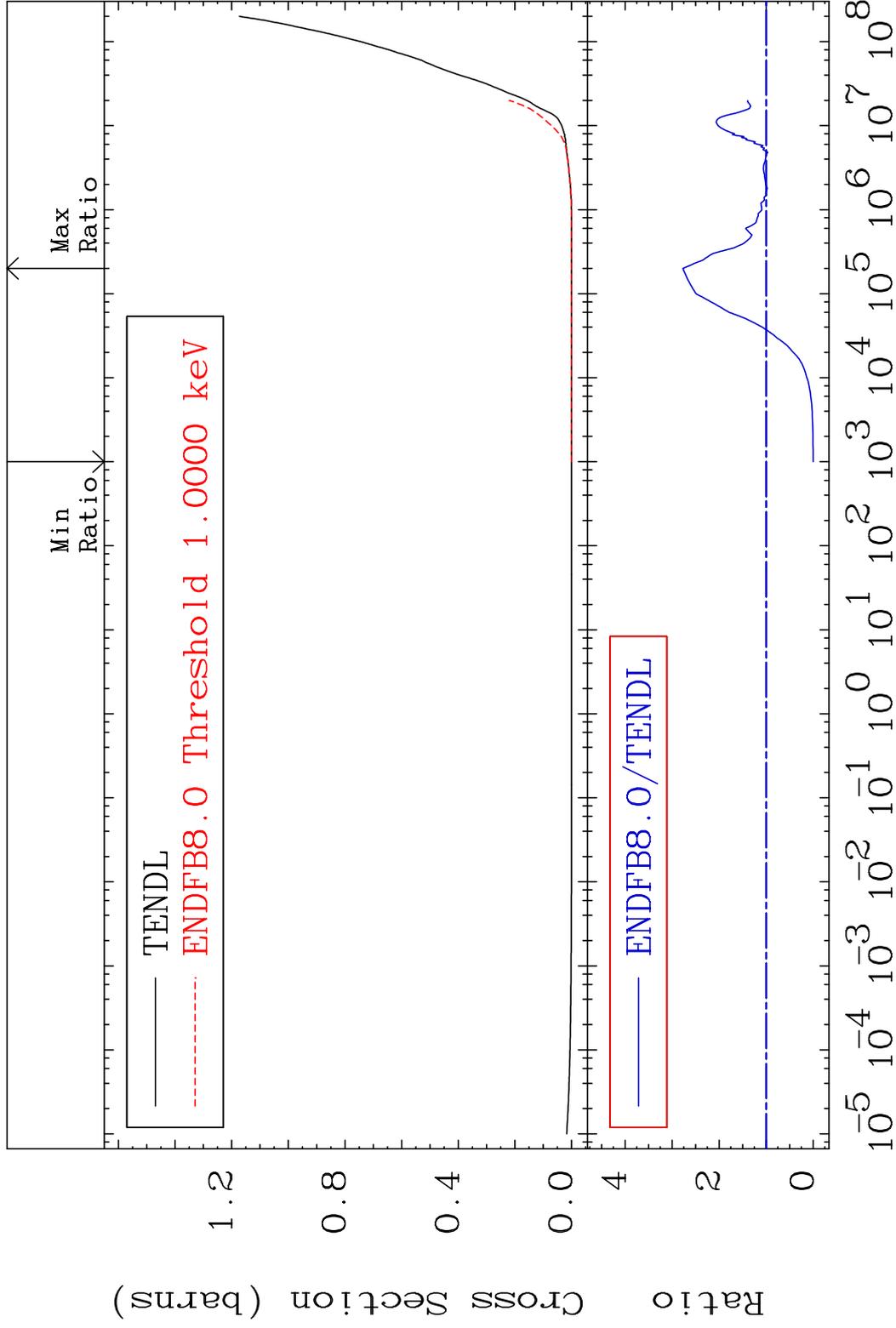


38 Incident Energy (eV) 32-Ge-71

MAT 3228

Hydrogen Production ³²Ge-71

Cross Section -100.0 To 177.1 %



39

Incident Energy (eV)

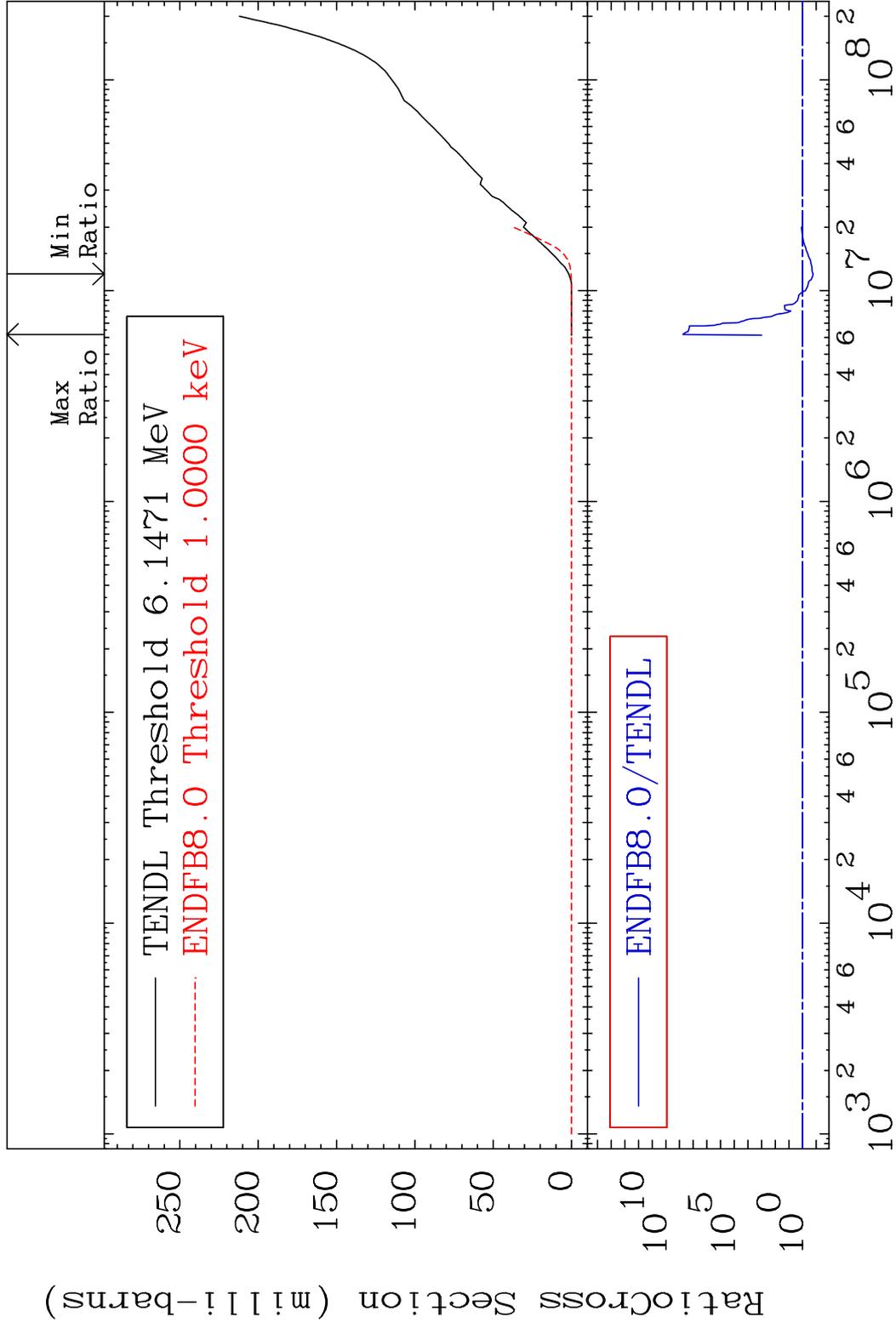
³²Ge-71

MAT 3228

Deuterium Production

³²Ge-71

Cross Section -83.18 To 9999. %



40

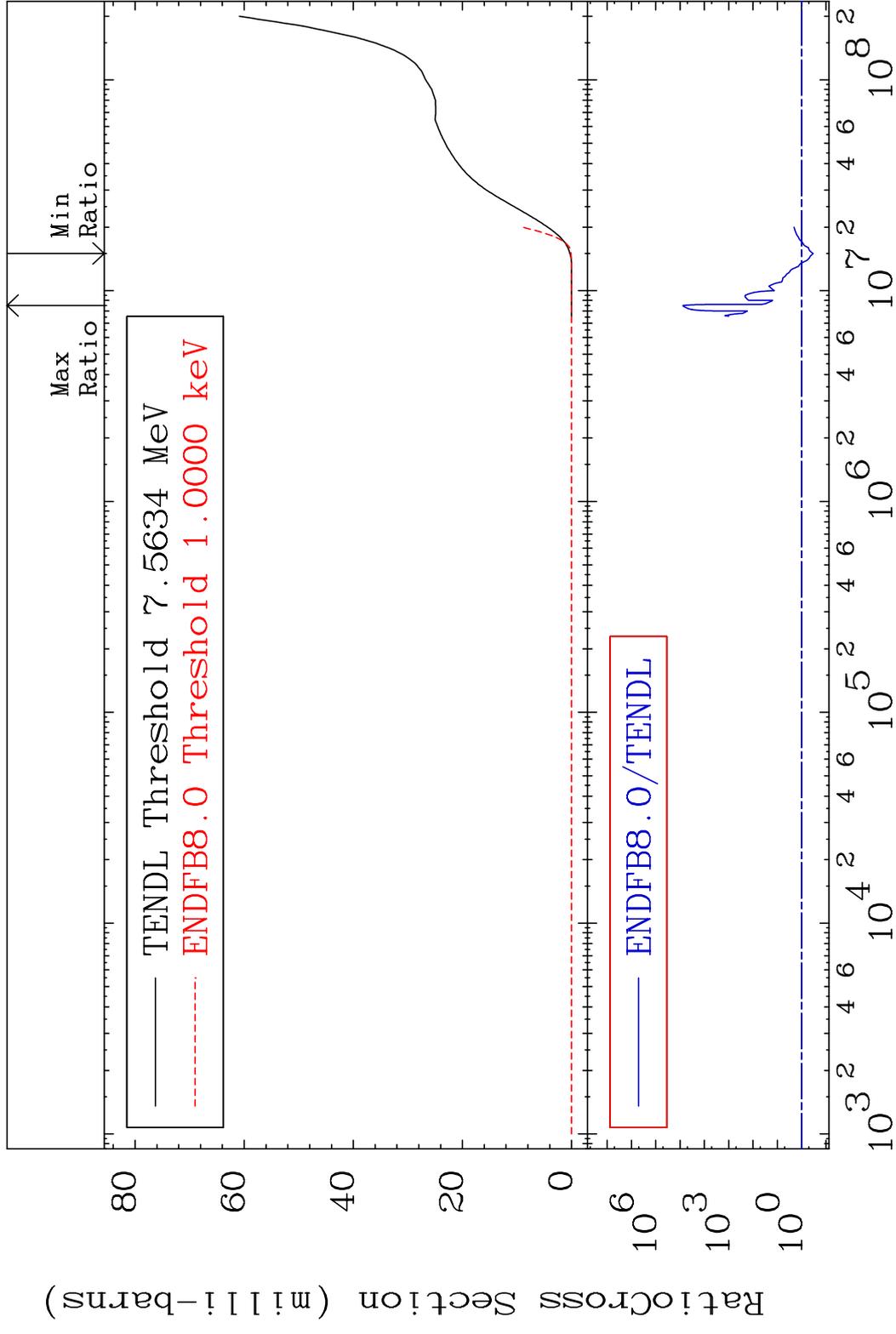
Incident Energy (eV)

³²Ge-71

MAT 3228

Tritium Production
Cross Section -66.40 To 9999. %

32-Ge-71



41

Incident Energy (eV)

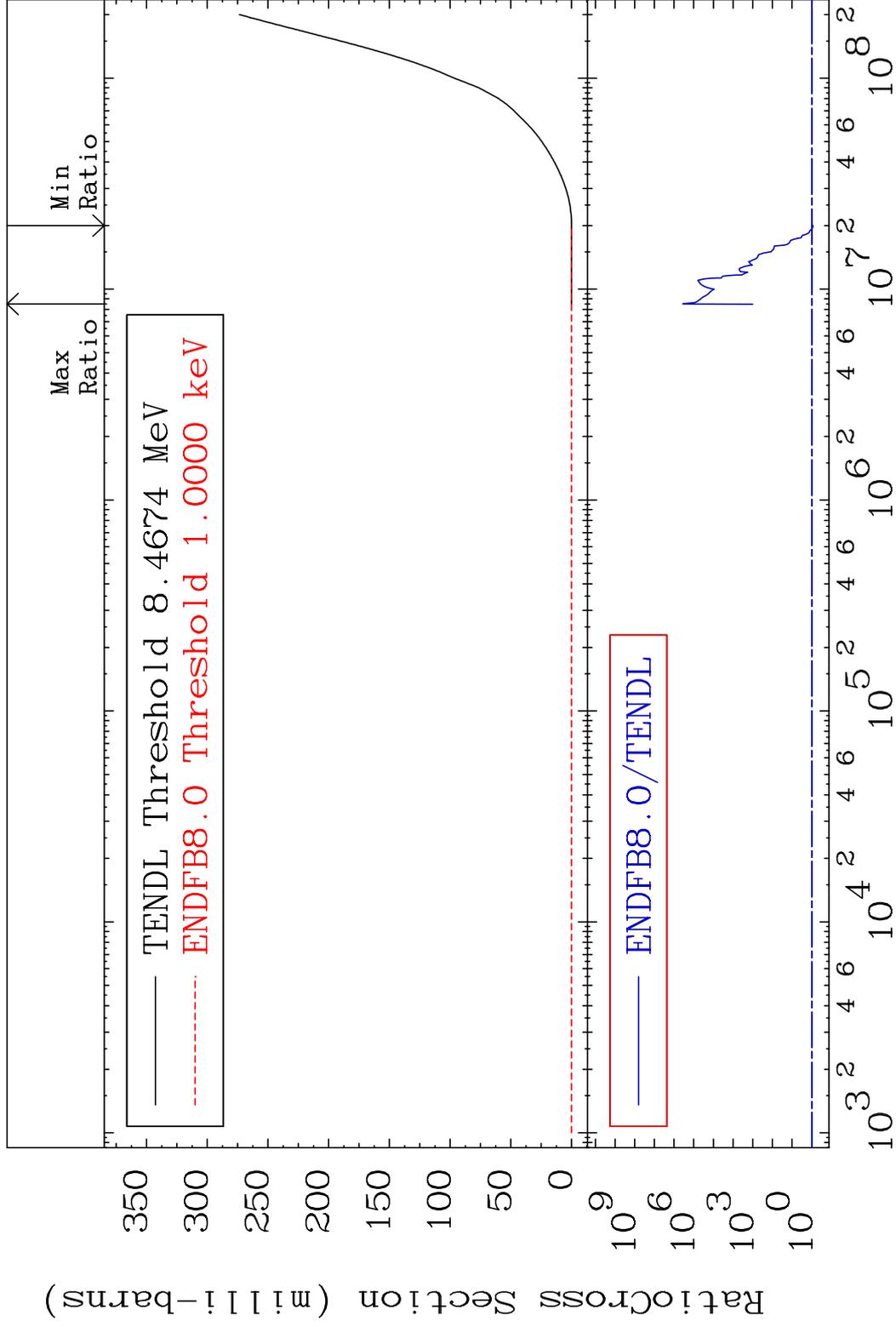
32-Ge-71

MAT 3228

He-3 Production

32-Ge-71

Cross Section -15.40 To 9999. %

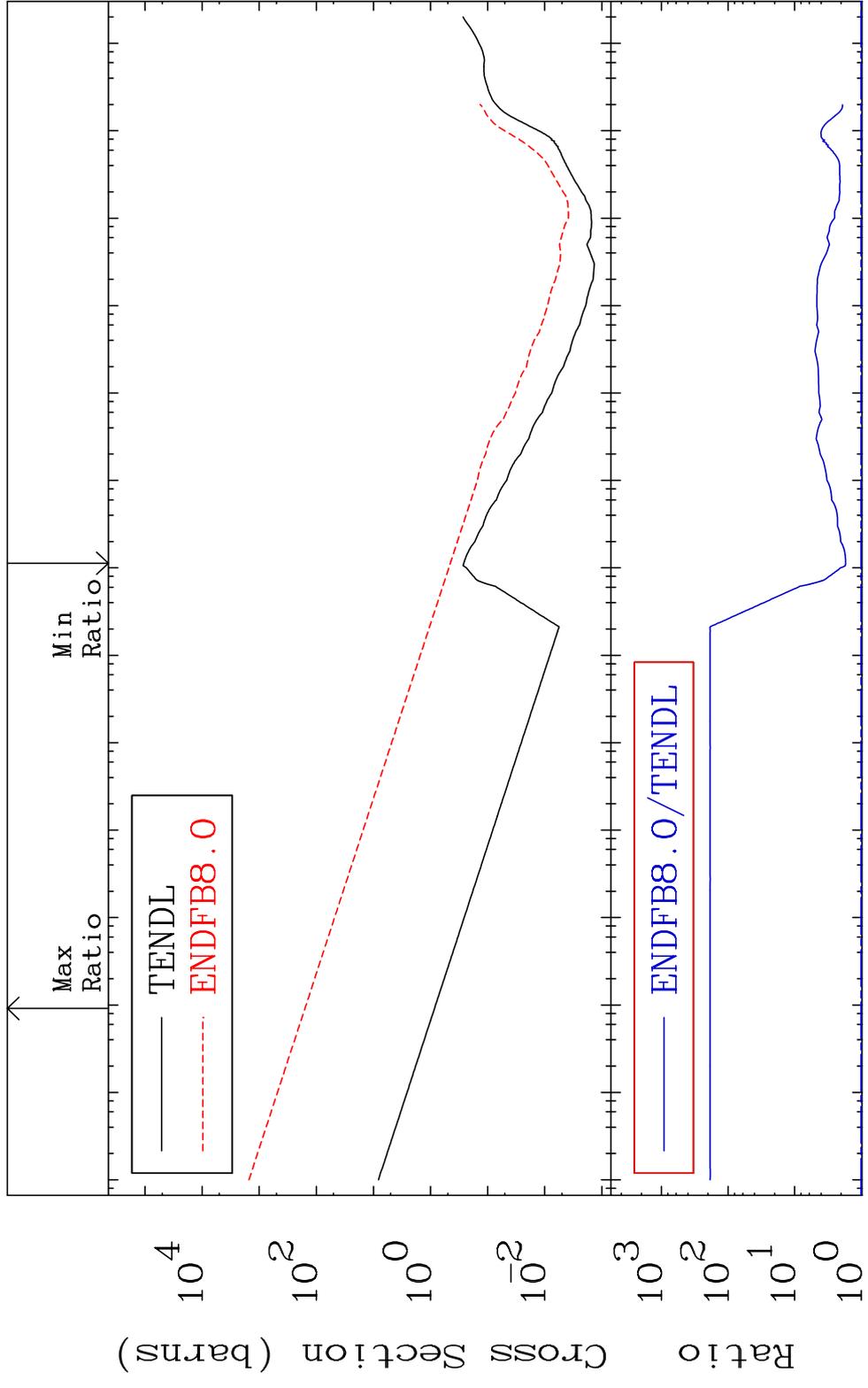


42

Incident Energy (eV)

32-Ge-71

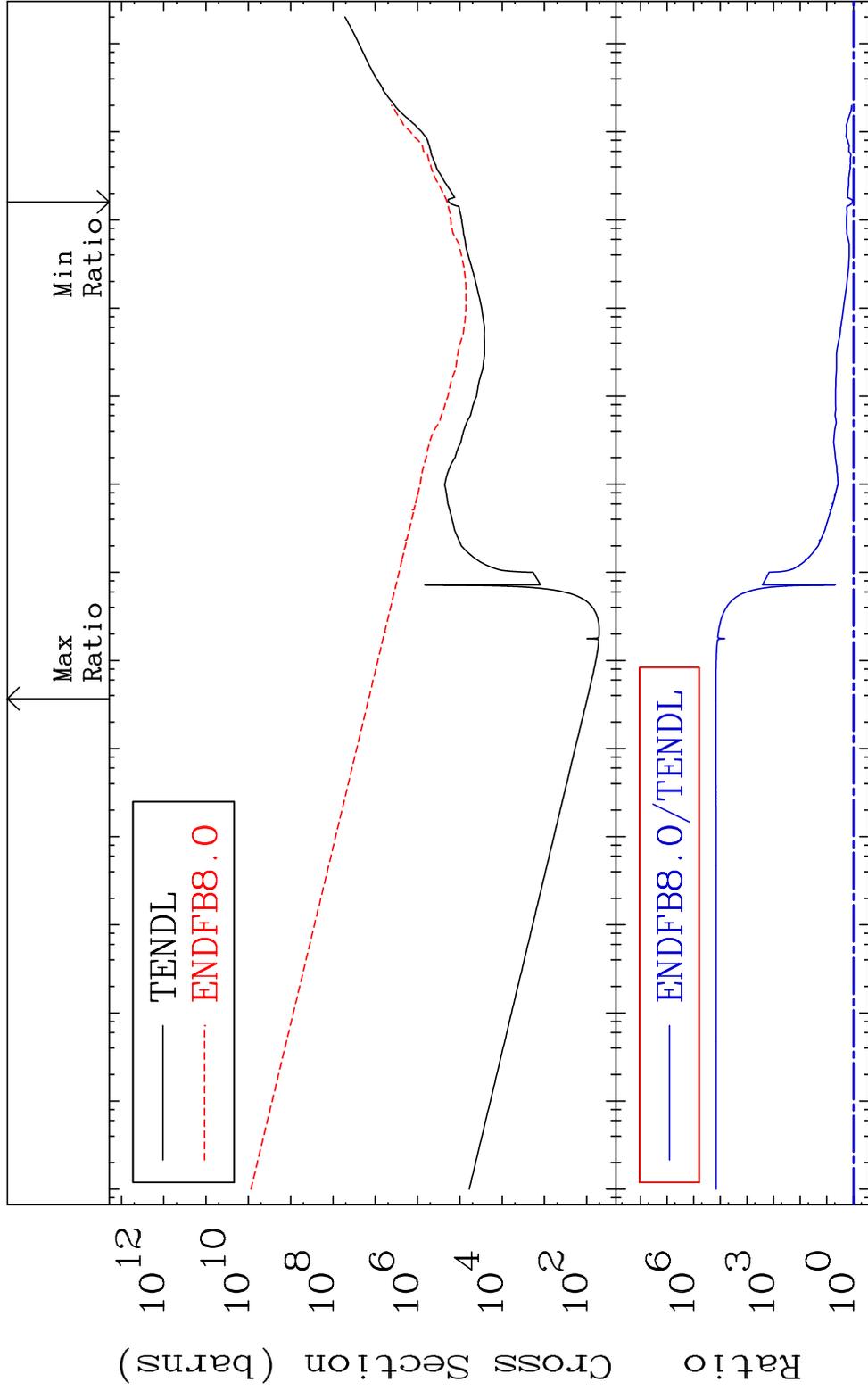
MAT 3228 He-4 Production 32-Ge-71
 Cross Section 71.81 To 9999. %



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

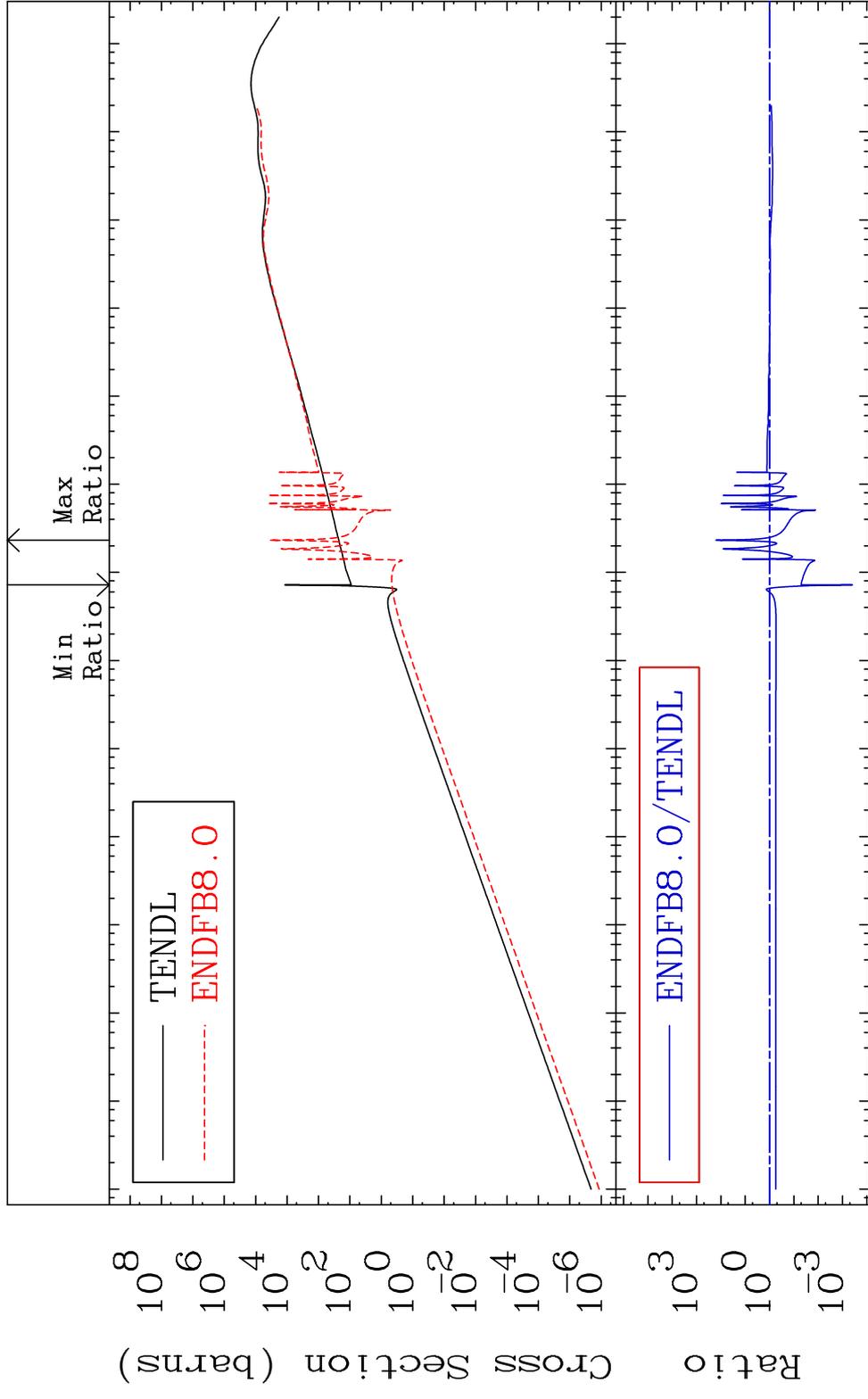
43 Incident Energy (eV) 32-Ge-71

MAT 3228 Kerma total (eV-barns) 32-Ge-71
 Cross Section 8.364 To 9999. %

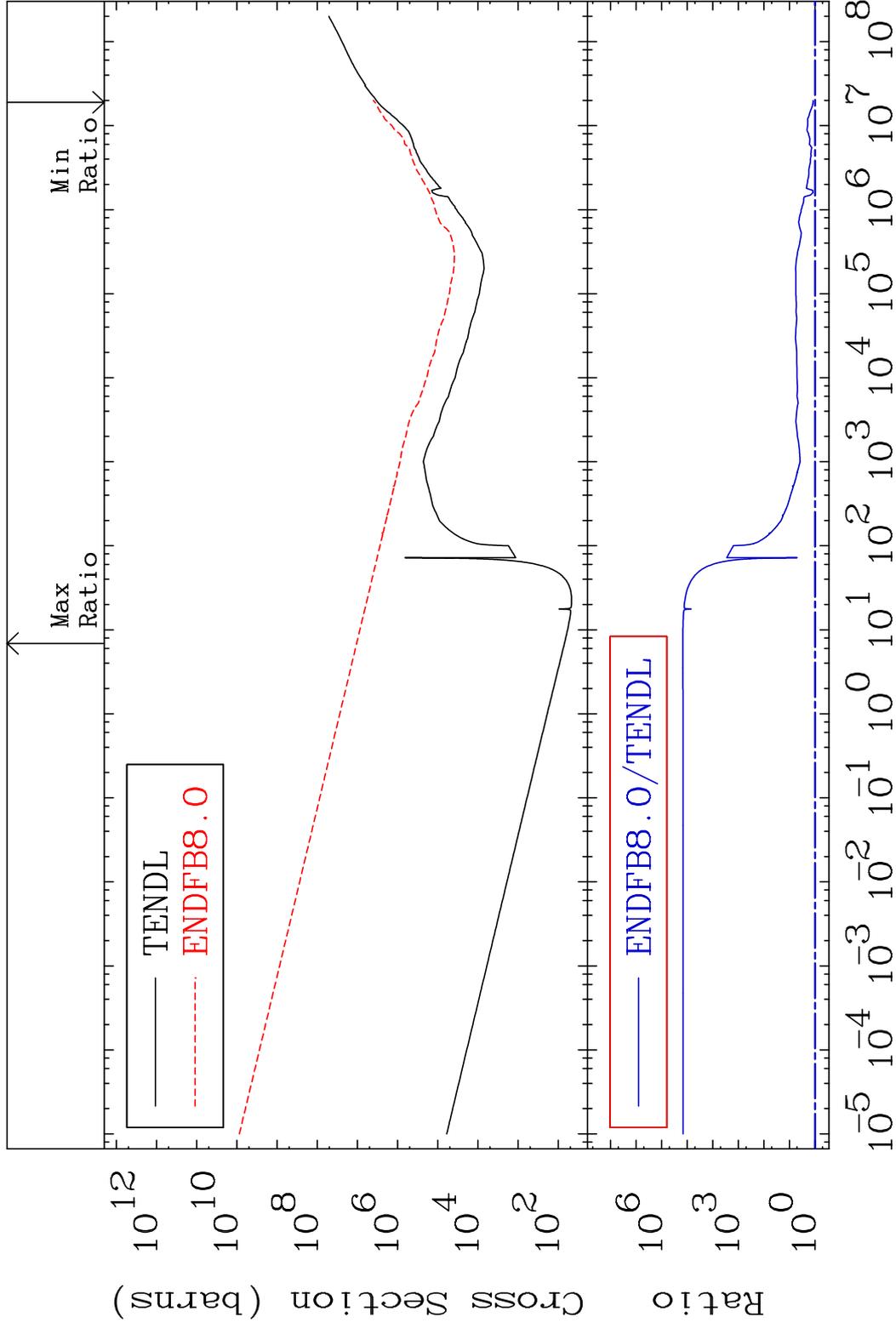


MAT 3228

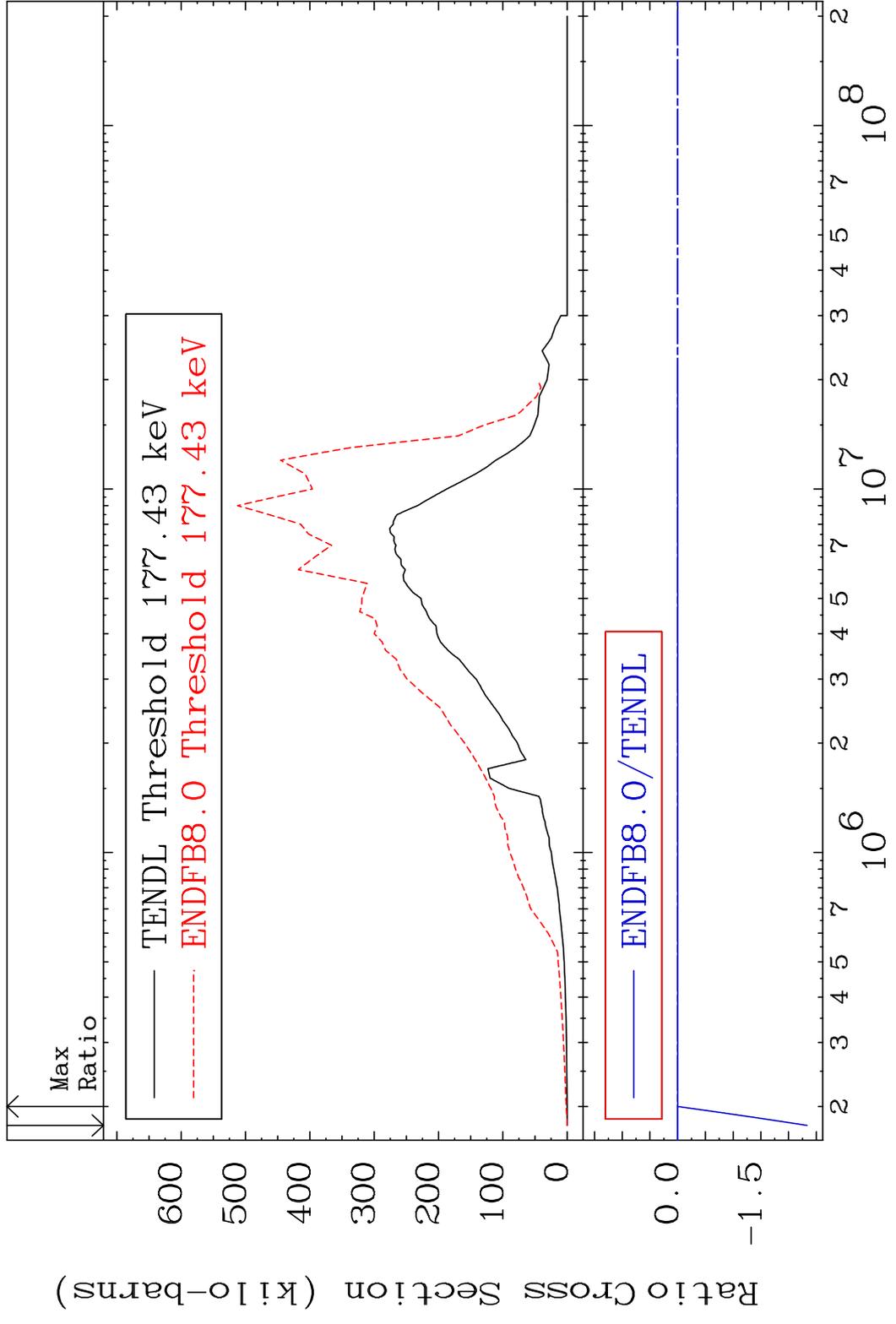
Kerma elastic Cross Section -99.96 To 9999. %
32-Ge-71



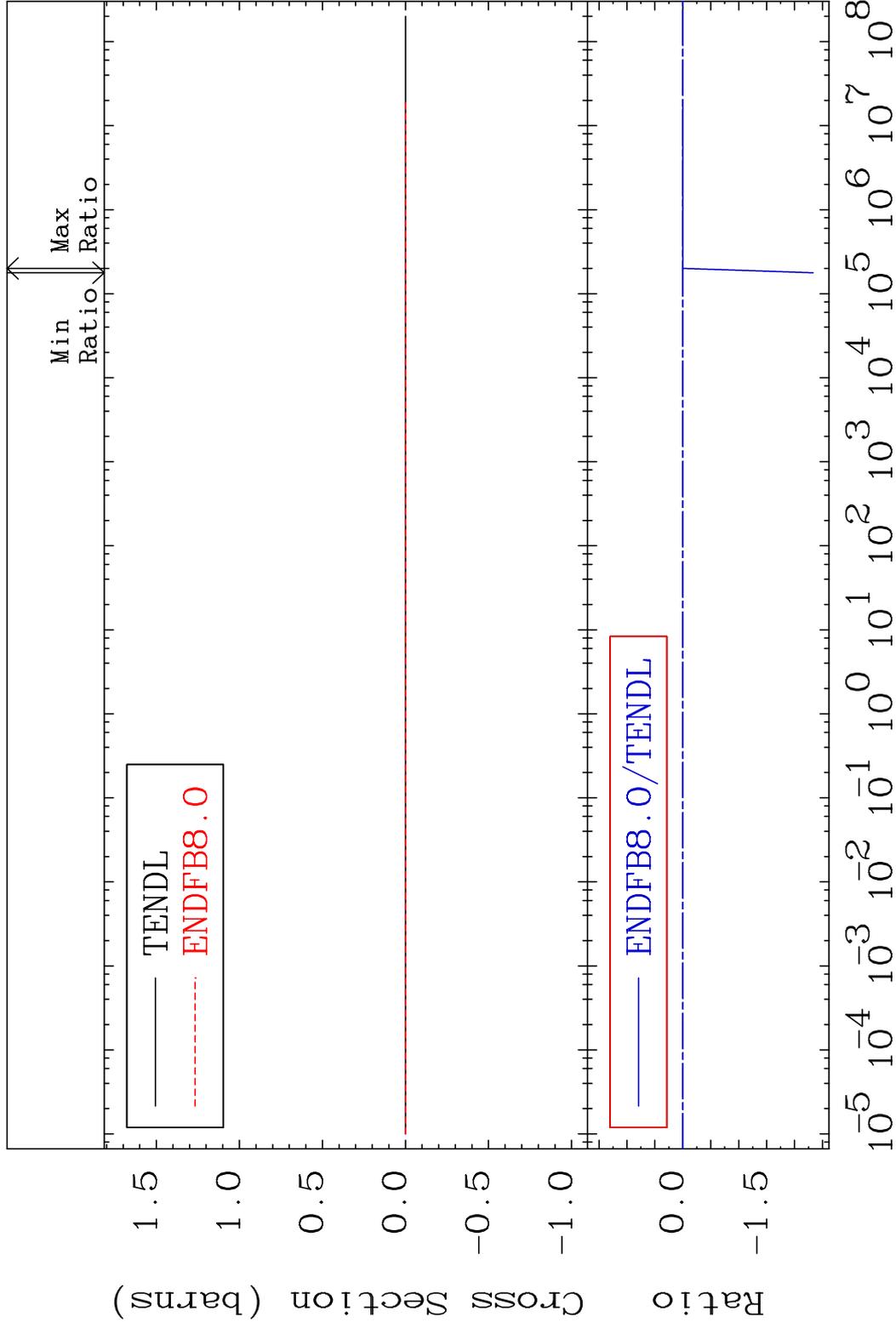
MAT 3228 Kerma non-elastic (all but mt2) 32-Ge-71
 Cross Section 17.62 To 9999. %



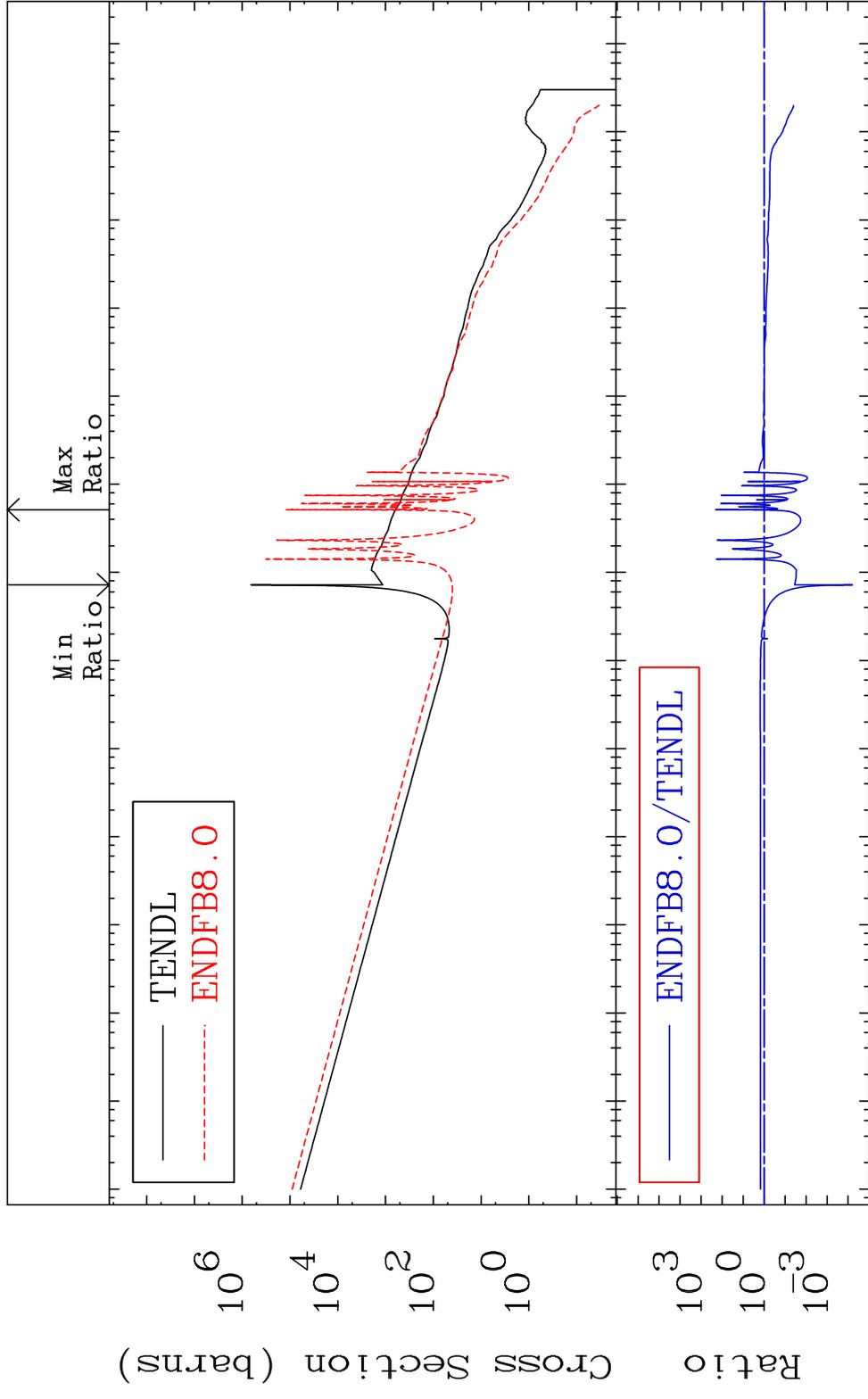
MAT 3228 Kerma inelastic (mt51-91) 32-Ge-71
 Cross Section -9999. To 683.3 %



MAT 3228 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-71
 Cross Section -9999. To 683.3 %

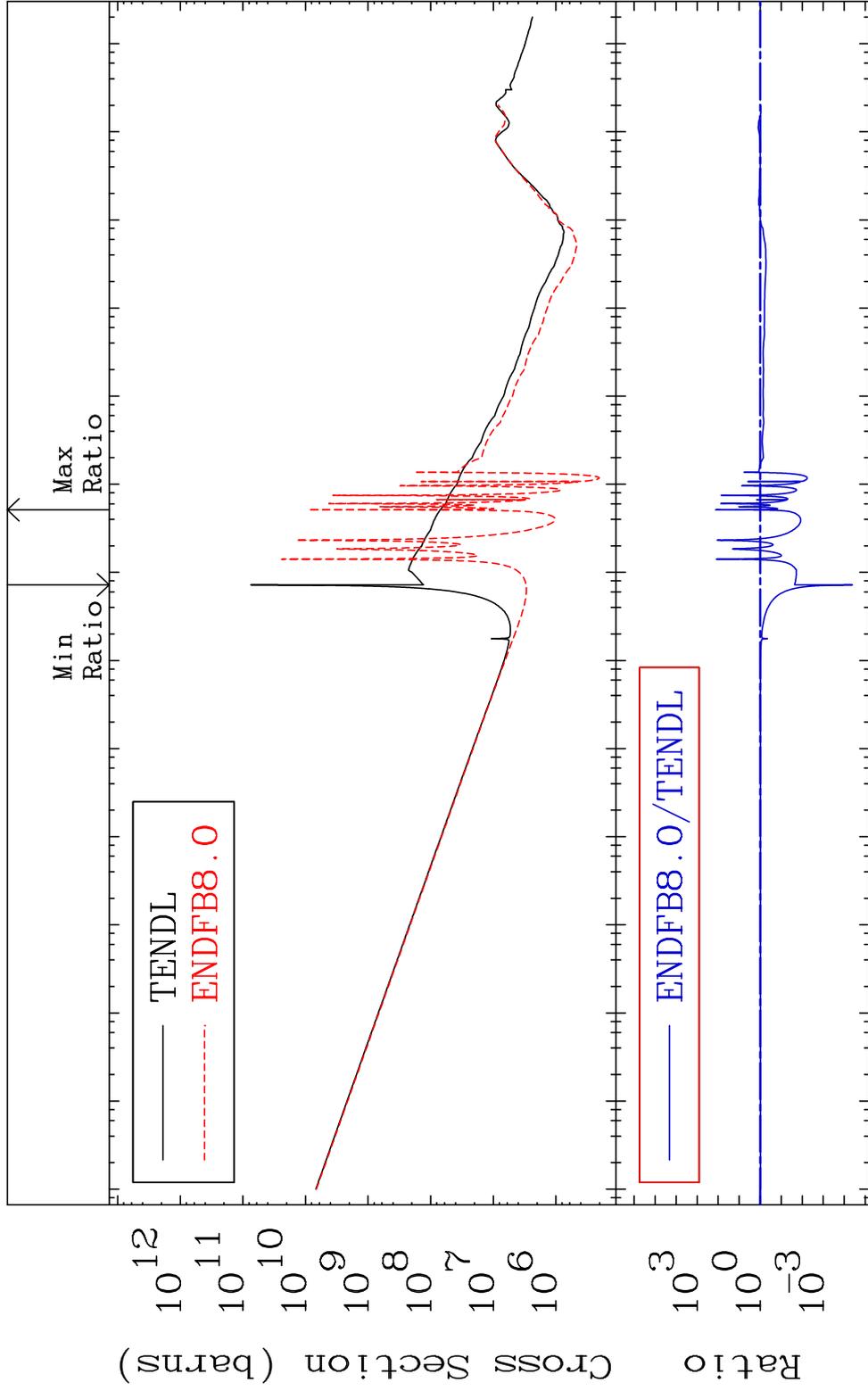


MAT 3228 Kerma capture (mt102) 32-Ge-71
 Cross Section -99.99 To 9999. %

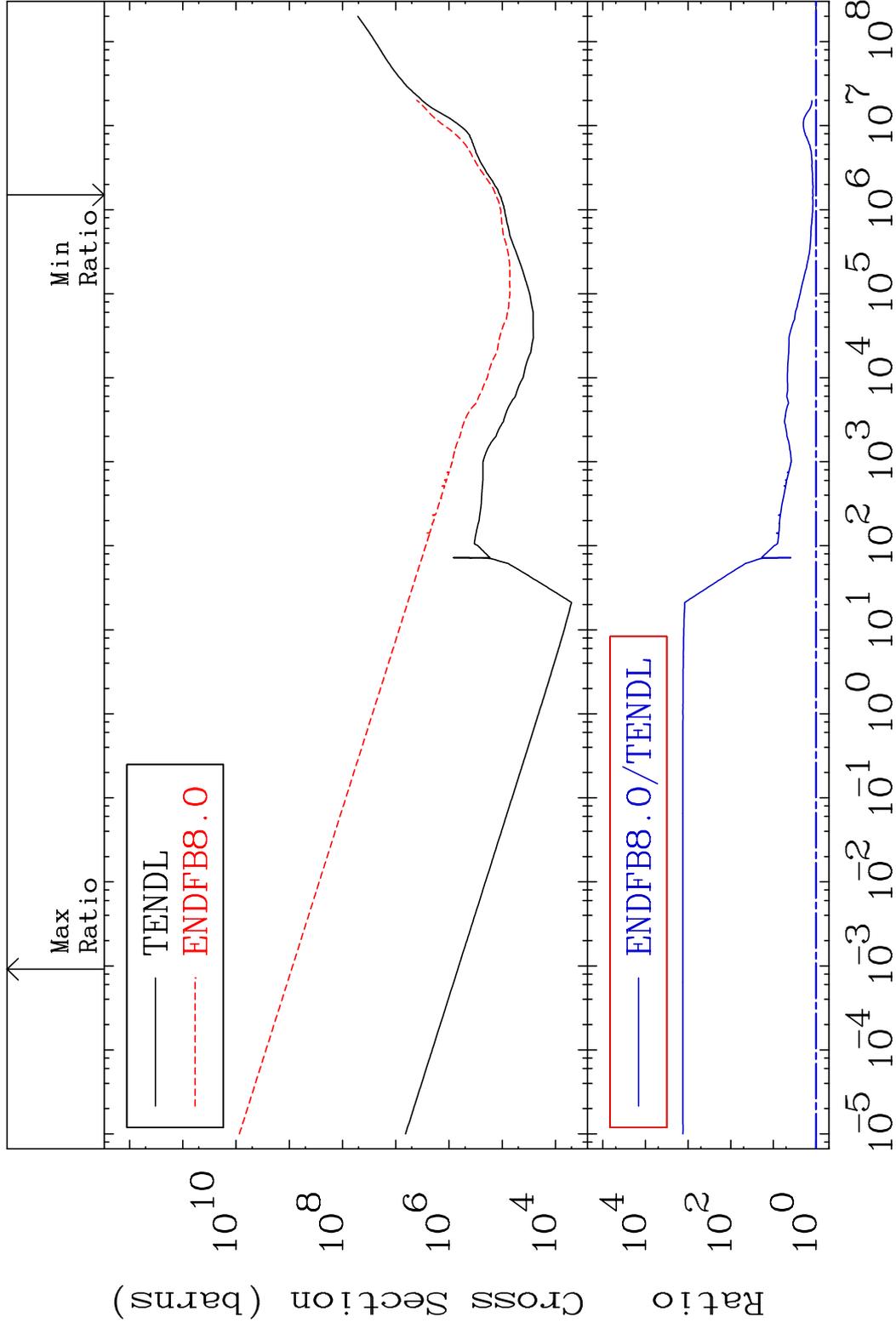


49 Incident Energy (eV) 32-Ge-71

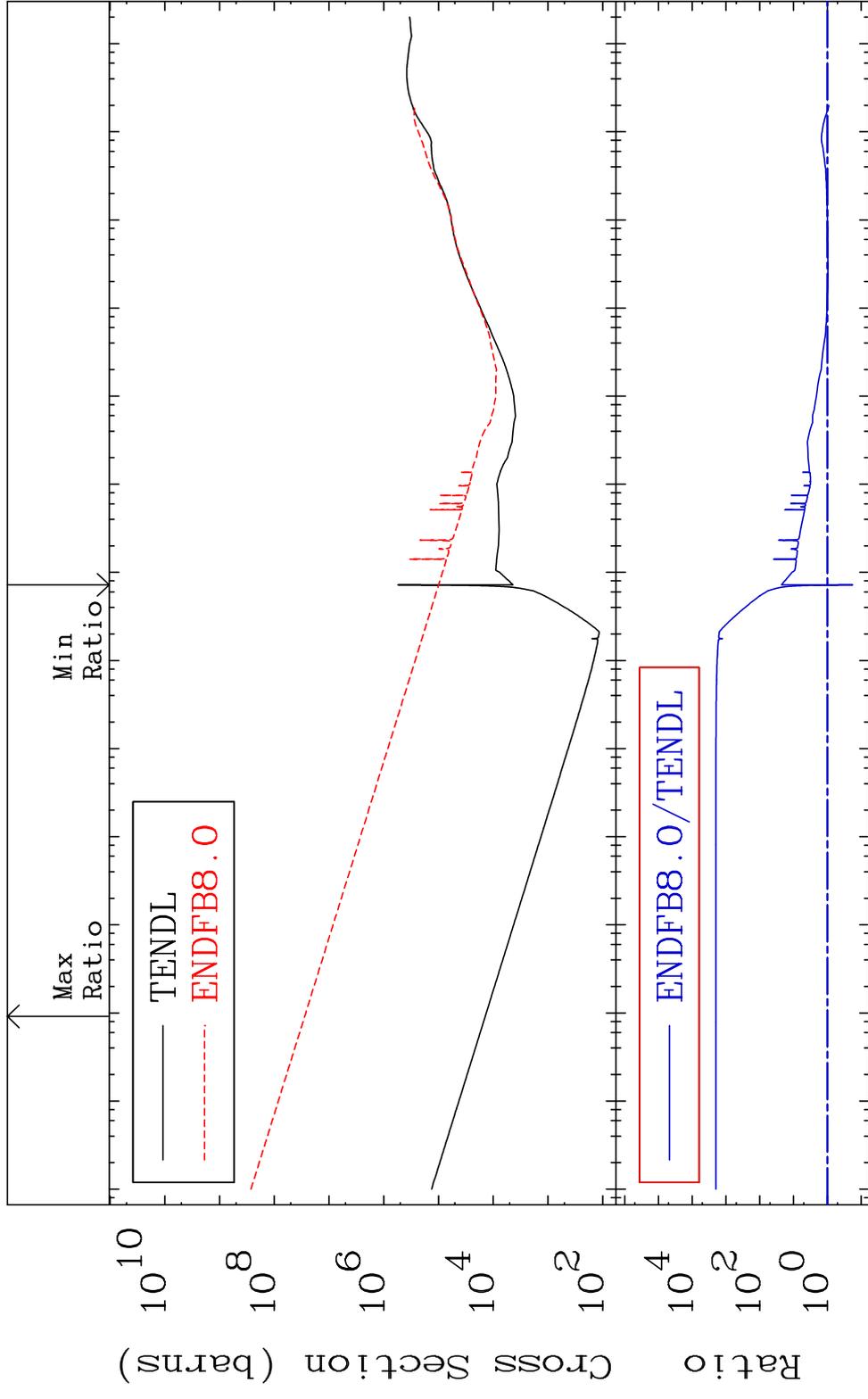
MAT 3228 Total photon (eV-barns) 32-Ge-71
 Cross Section -100.0 To 9999. %



MAT 3228 Total kinematic kerma (high limit) 32-Ge-71
 Cross Section 16.15 To 9999. %



MAT 3228 Dpa total (eV-barns) 32-Ge-71
 Cross Section -82.02 To 9999. %



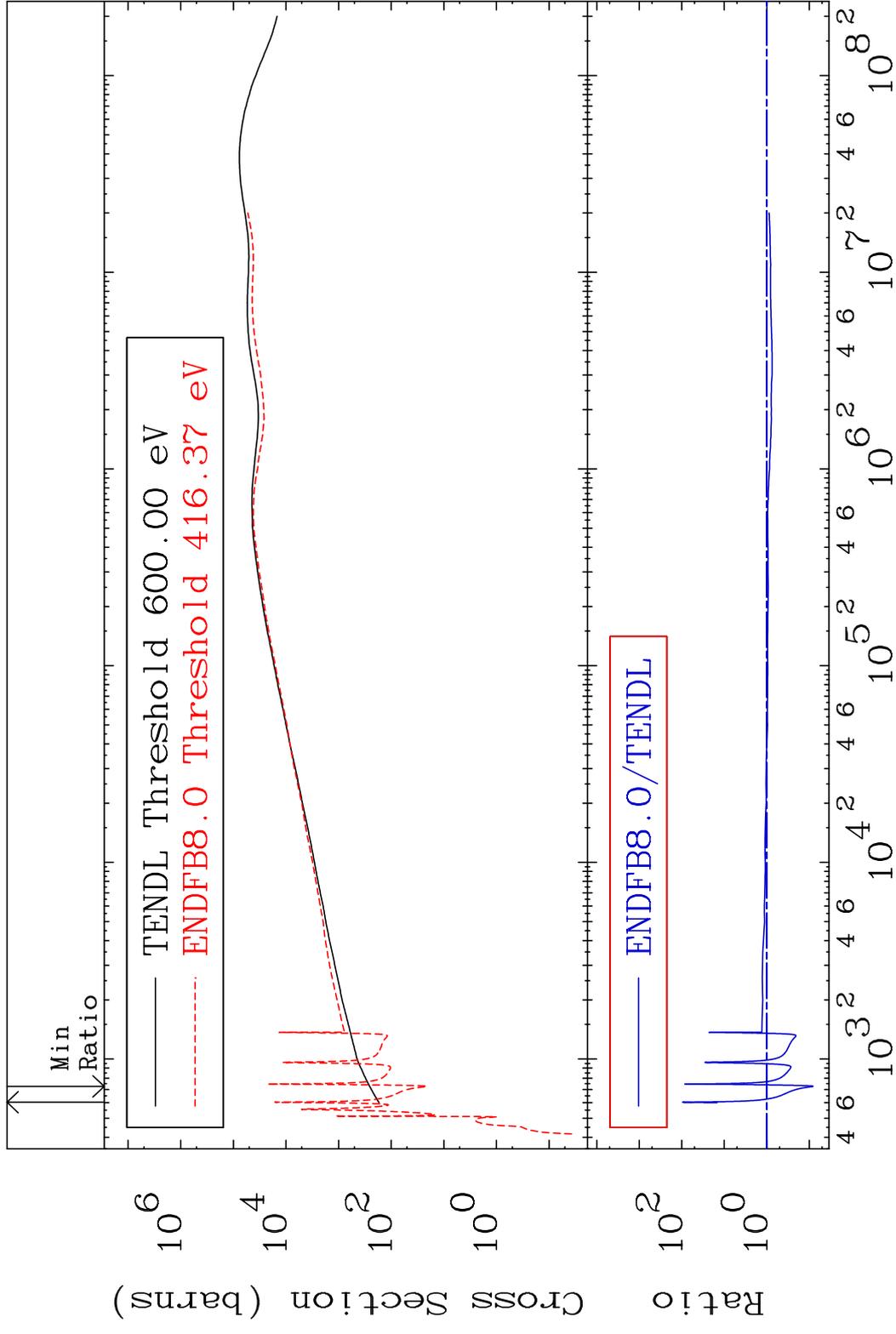
52 Incident Energy (eV) 32-Ge-71

MAT 3228

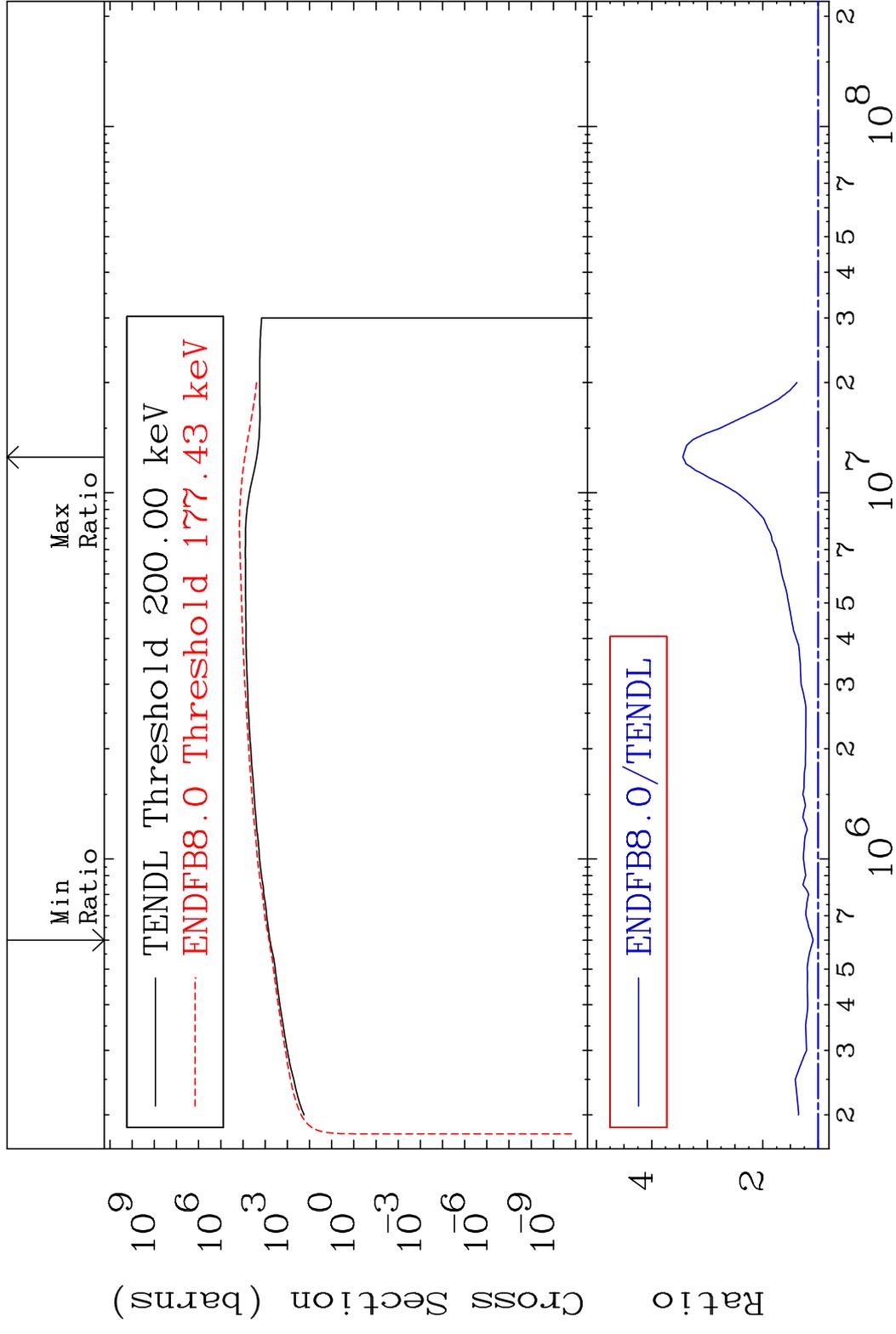
Dpa elastic (mt2)

32-Ge-71

Cross Section -91.91 To 9345. %



MAT 3228 Dpa inelastic (mt51-91) 32-Ge-71
 Cross Section 9.084 To 244.0 %



MAT 3228 Dpa disappearance (mt102 -120) 32-Ge-71
 Cross Section -82.02 To 9999. %

