

Program Complot
(Version 2021-1)

by

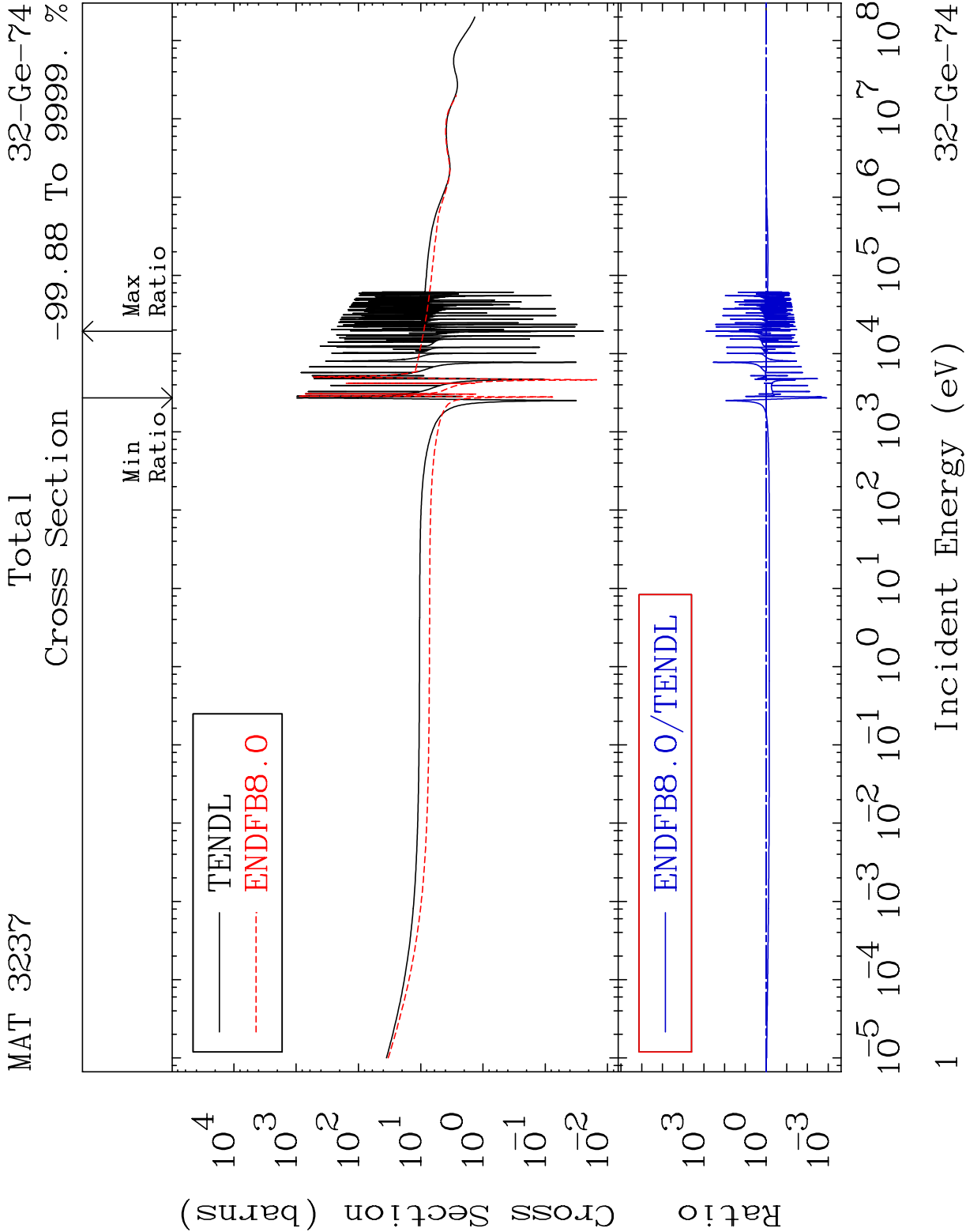
Dermott E. Cullen
(Present Contact Information)

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



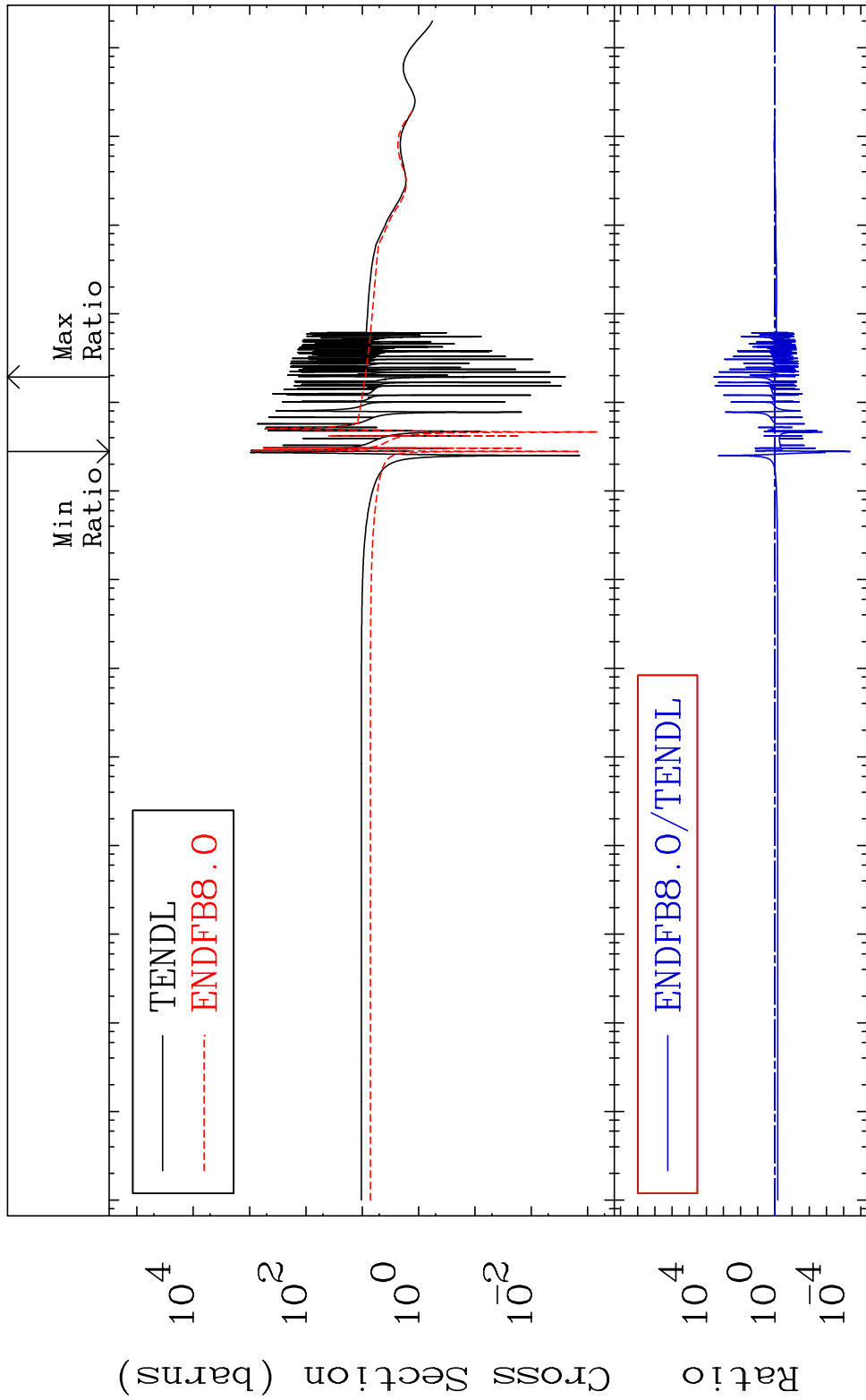
MAT 3237

Elastic

32-Ge-74

Cross Section

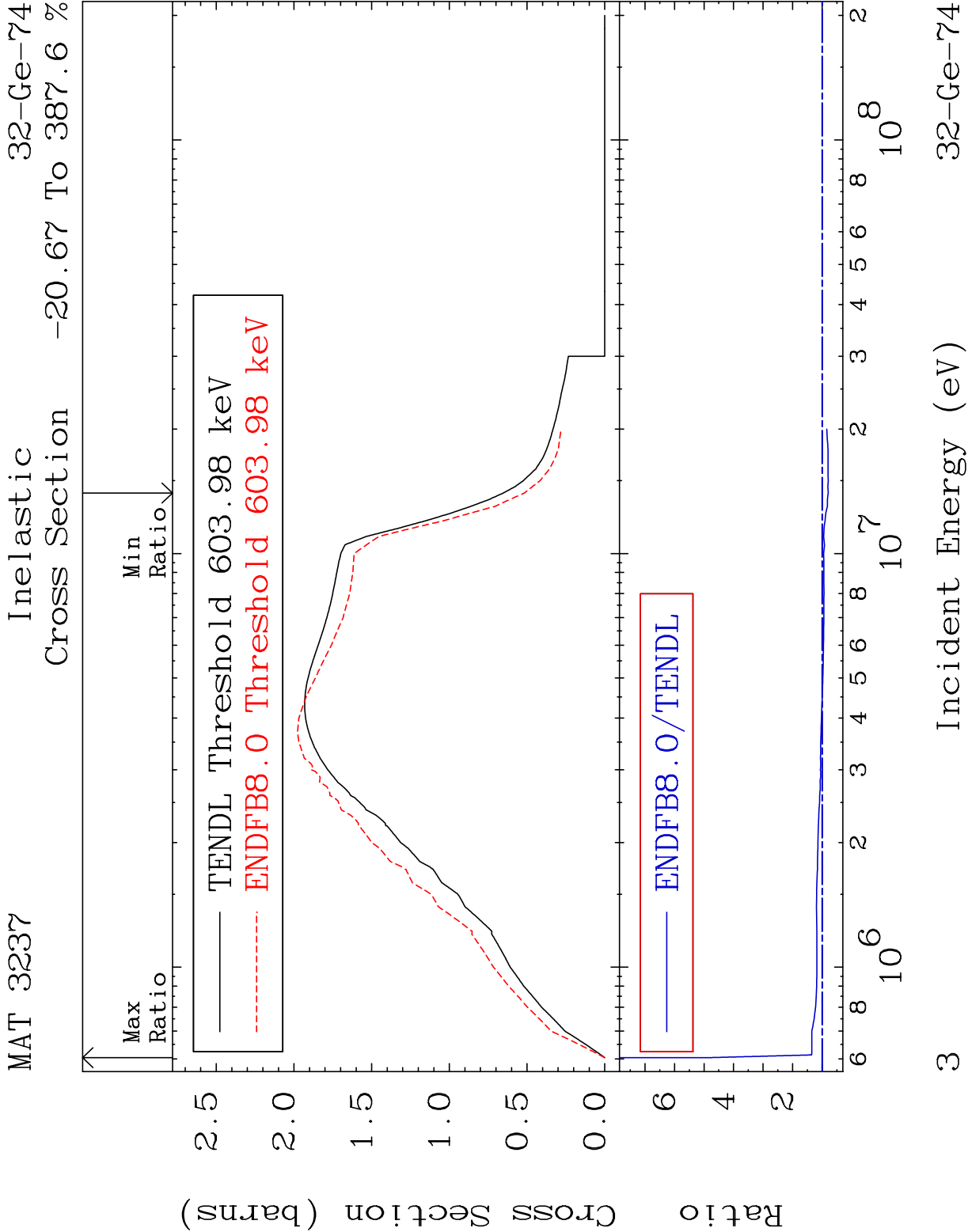
-100.0 To 9999. %

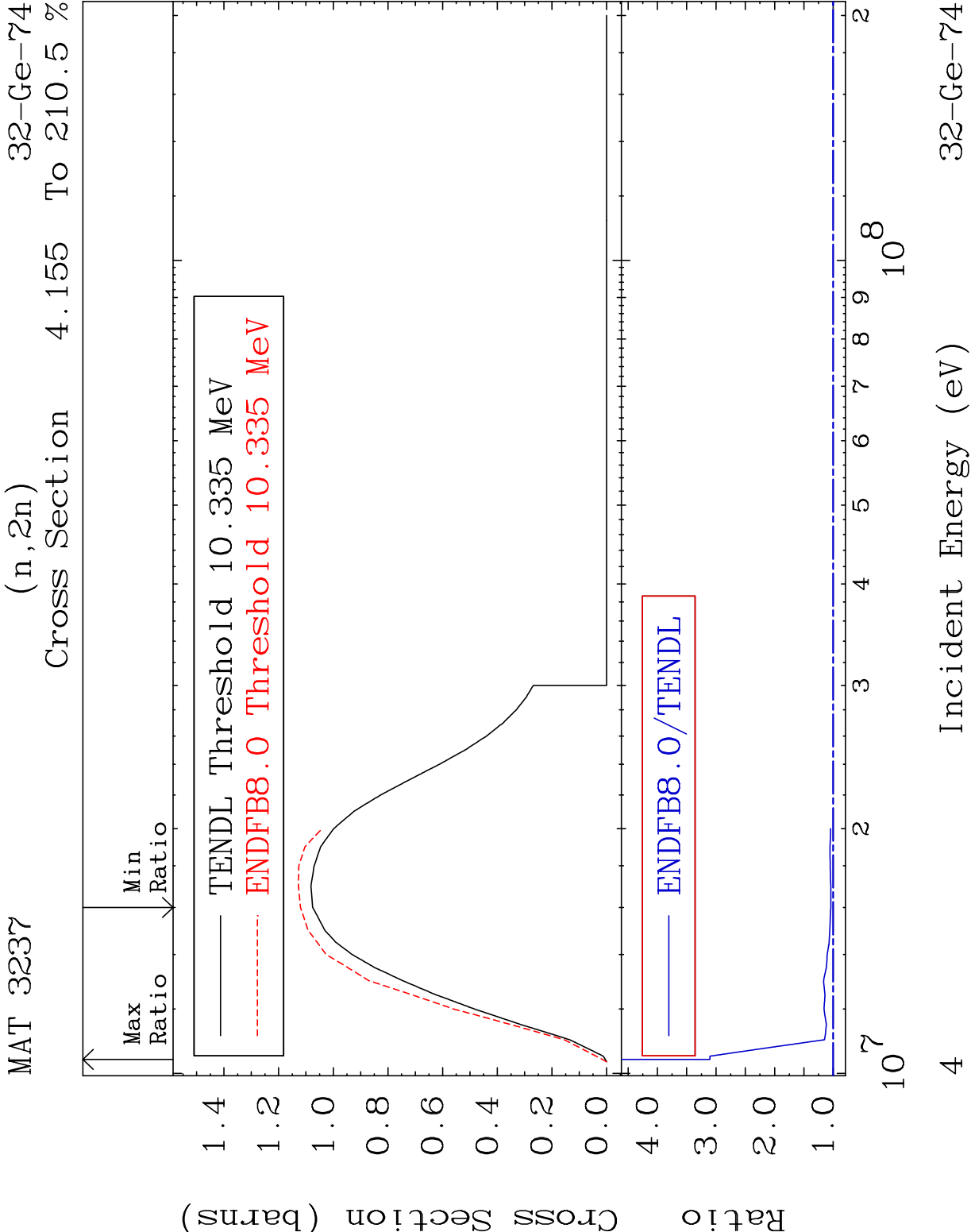


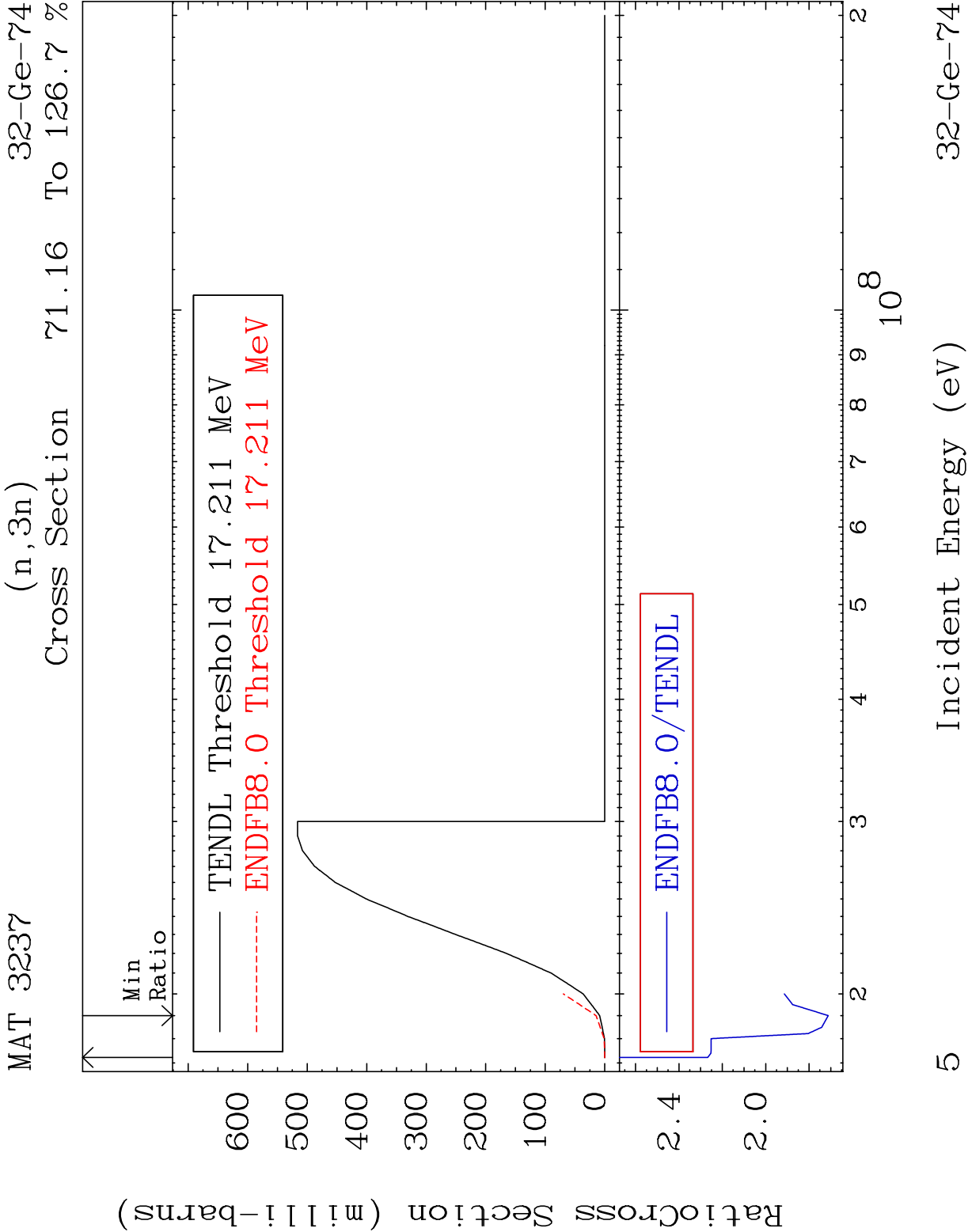
2

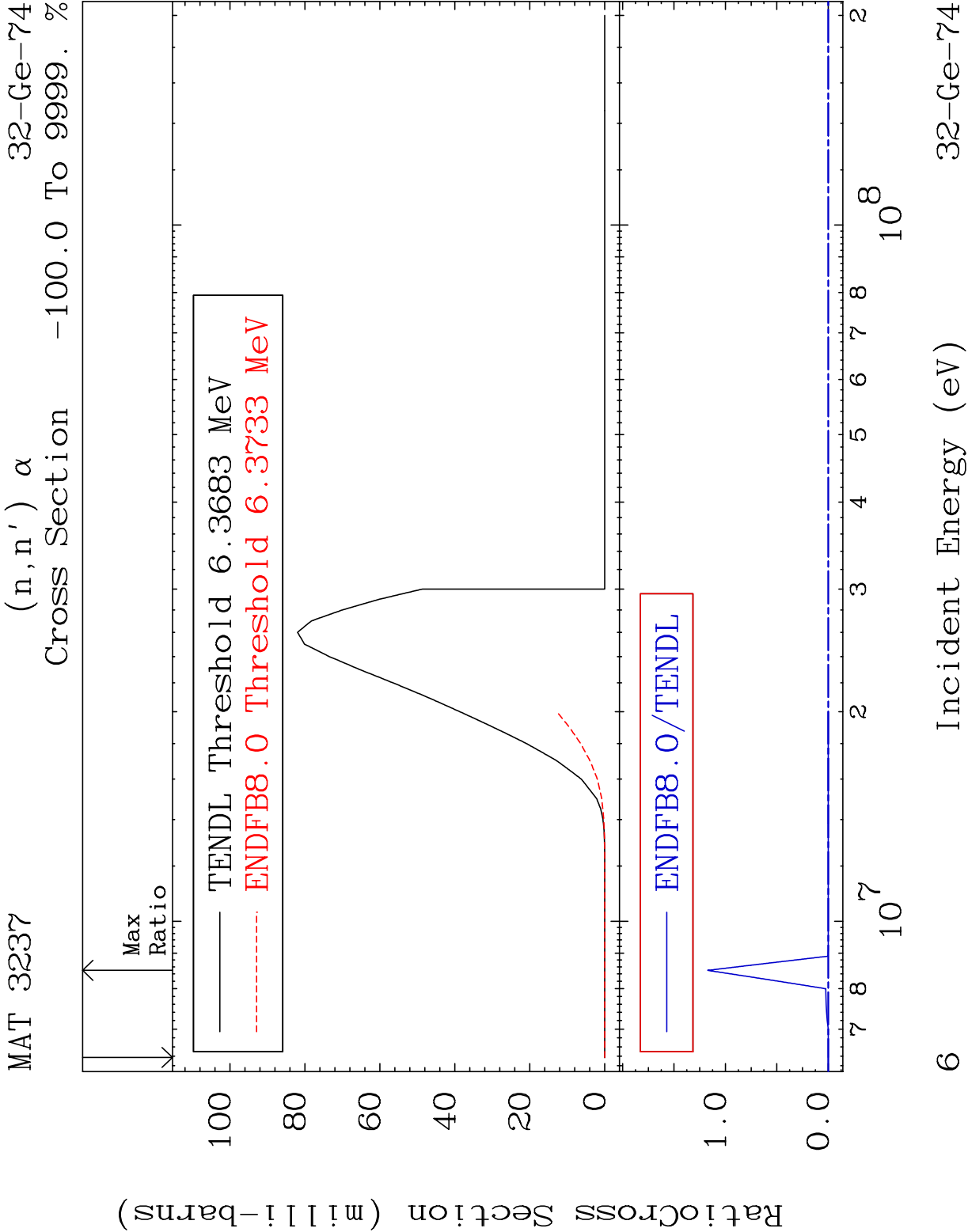
Incident Energy (eV)

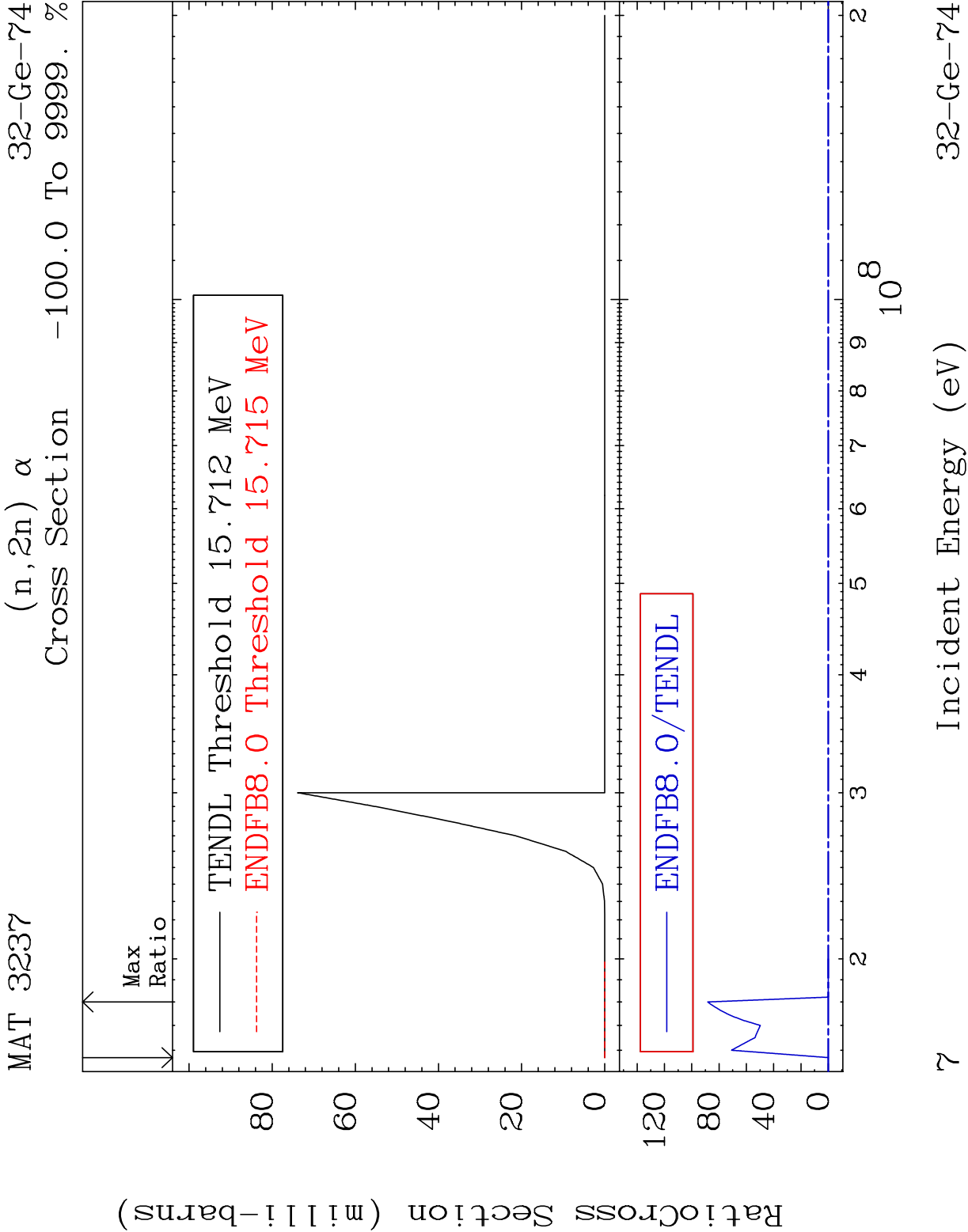
32-Ge-74

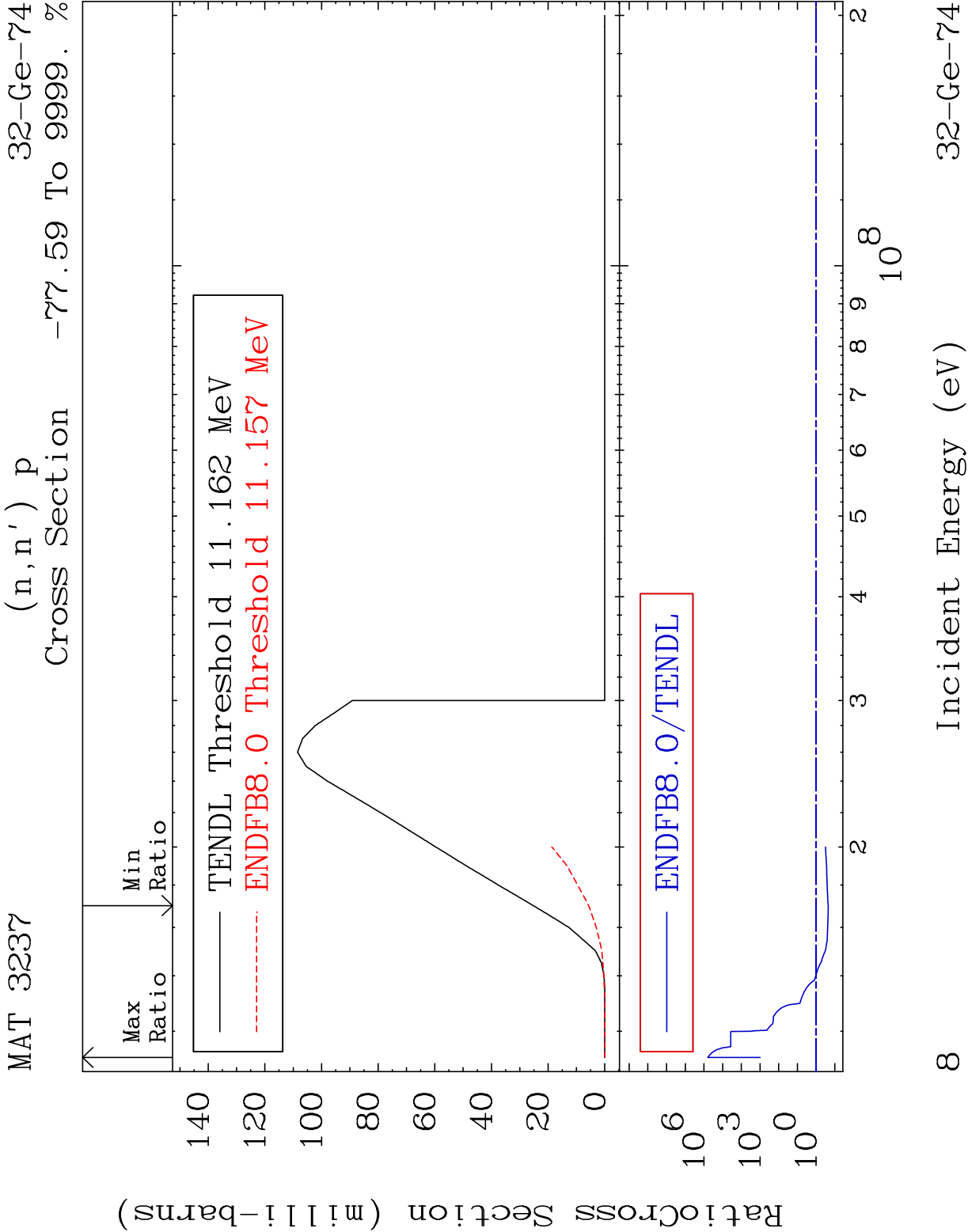












MAT 3237

MT= 51 (n,n')

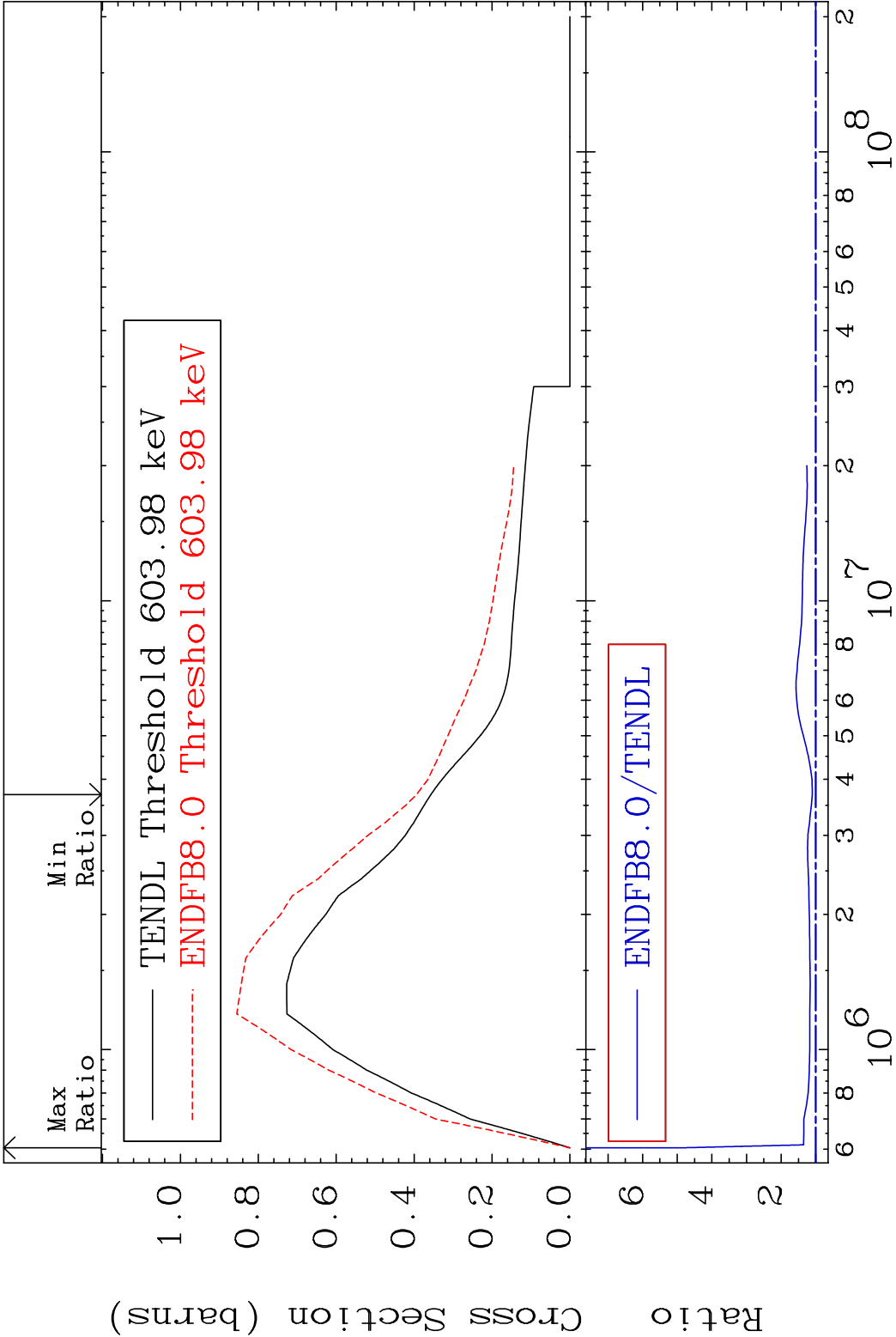
Level

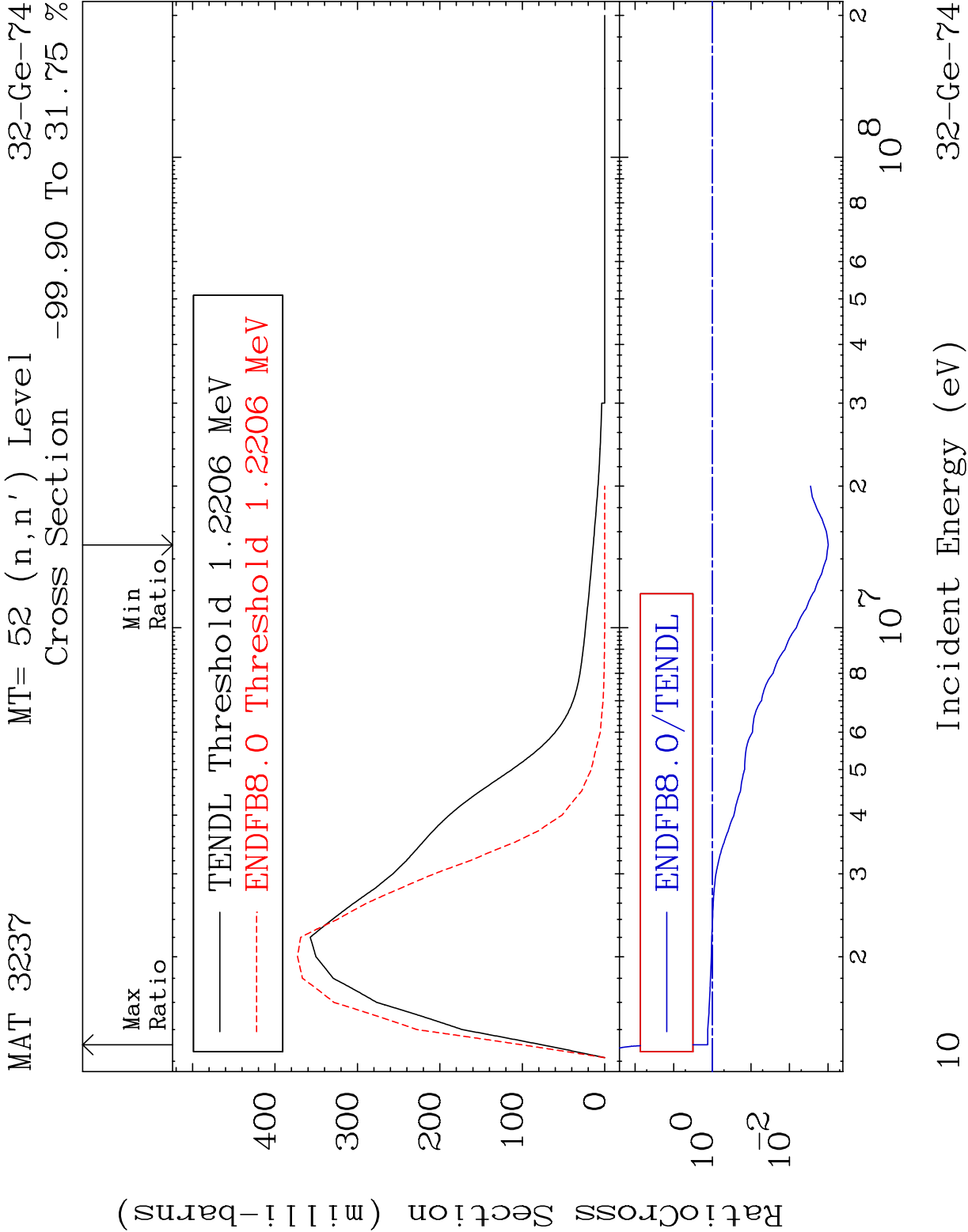
32-Ge-74

Cross Section

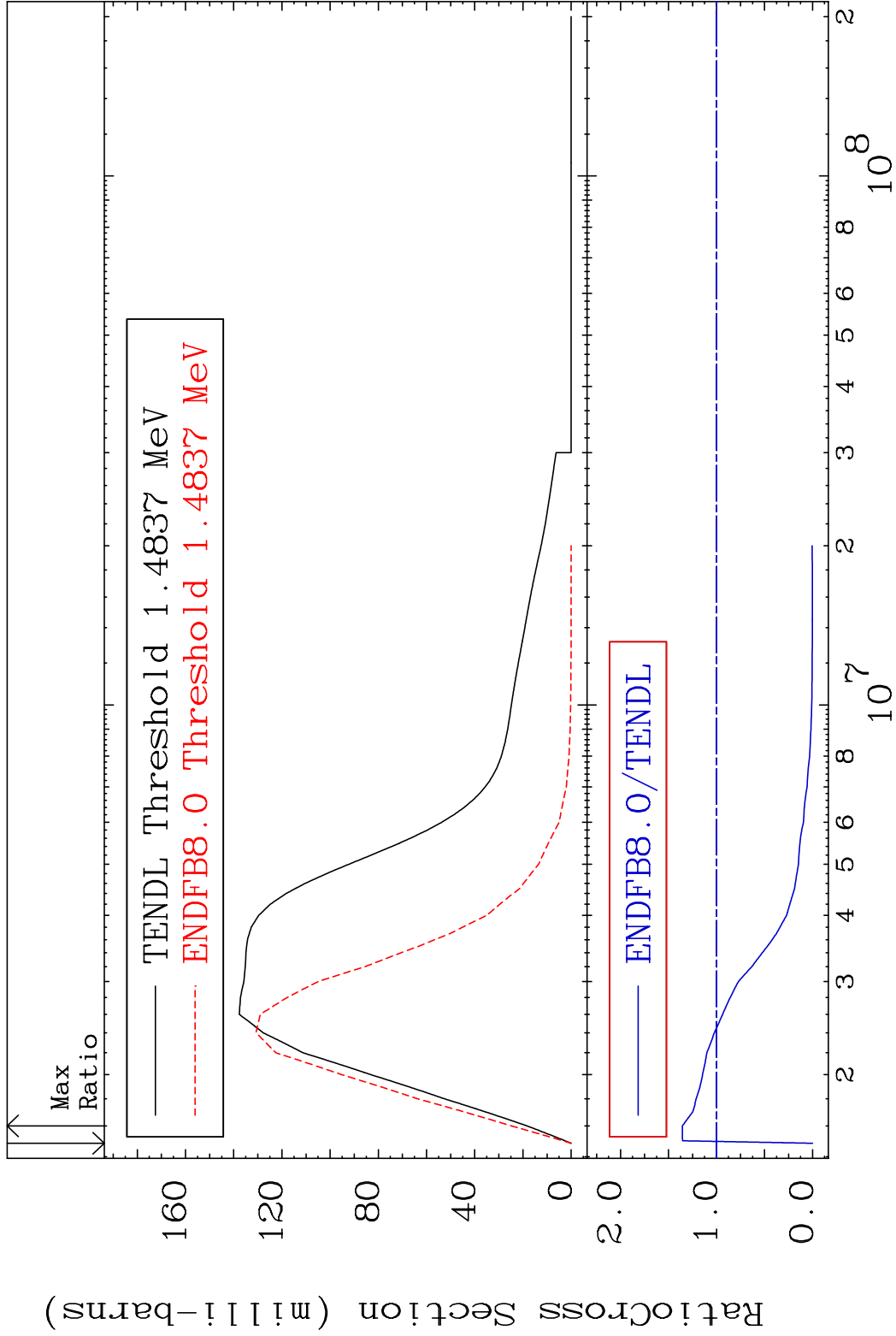
10.30

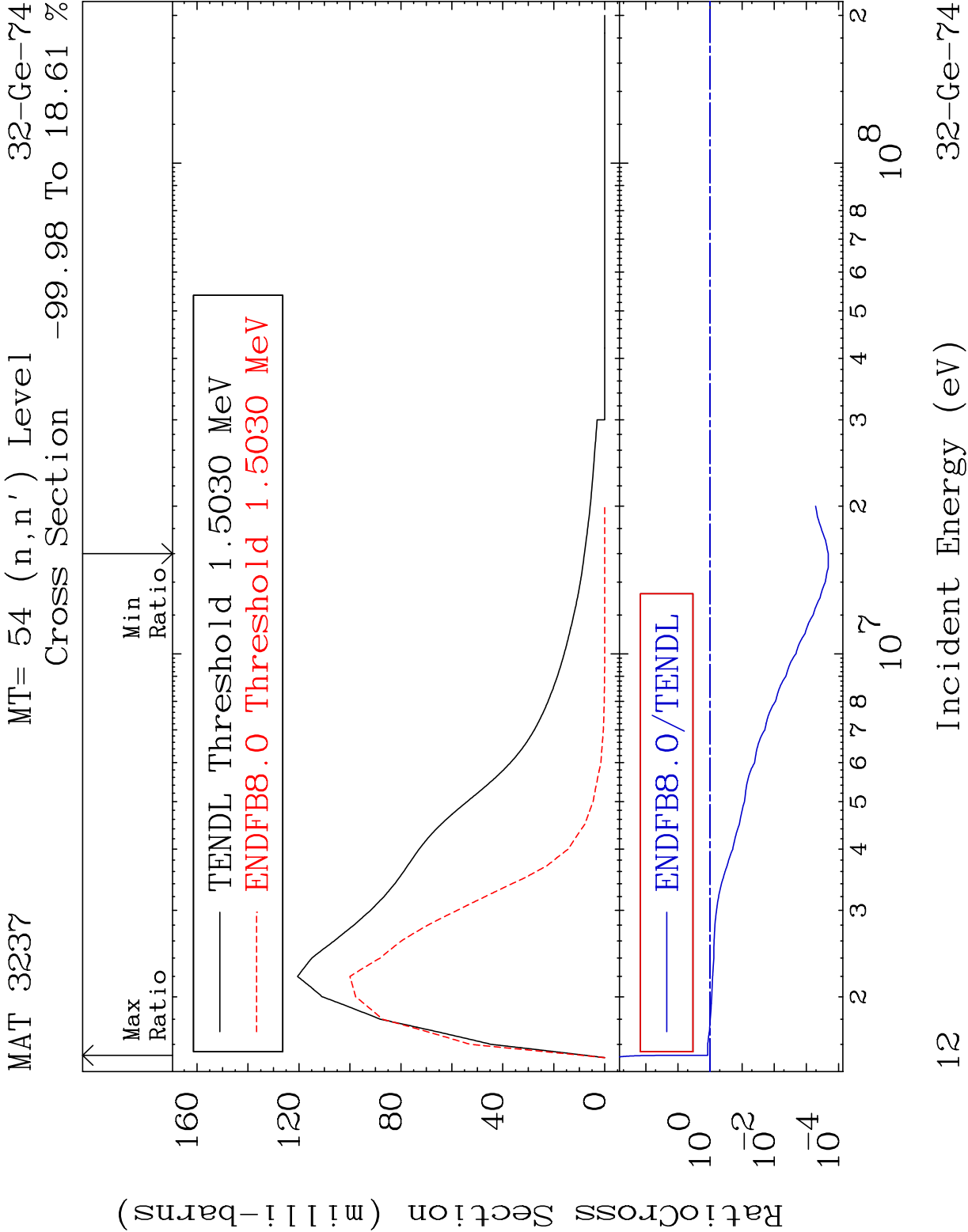
To 387.6 %





MAT 3237 MT= 53 (n,n') Level 32-Ge-74
Cross Section -100.0 To 35.63 %



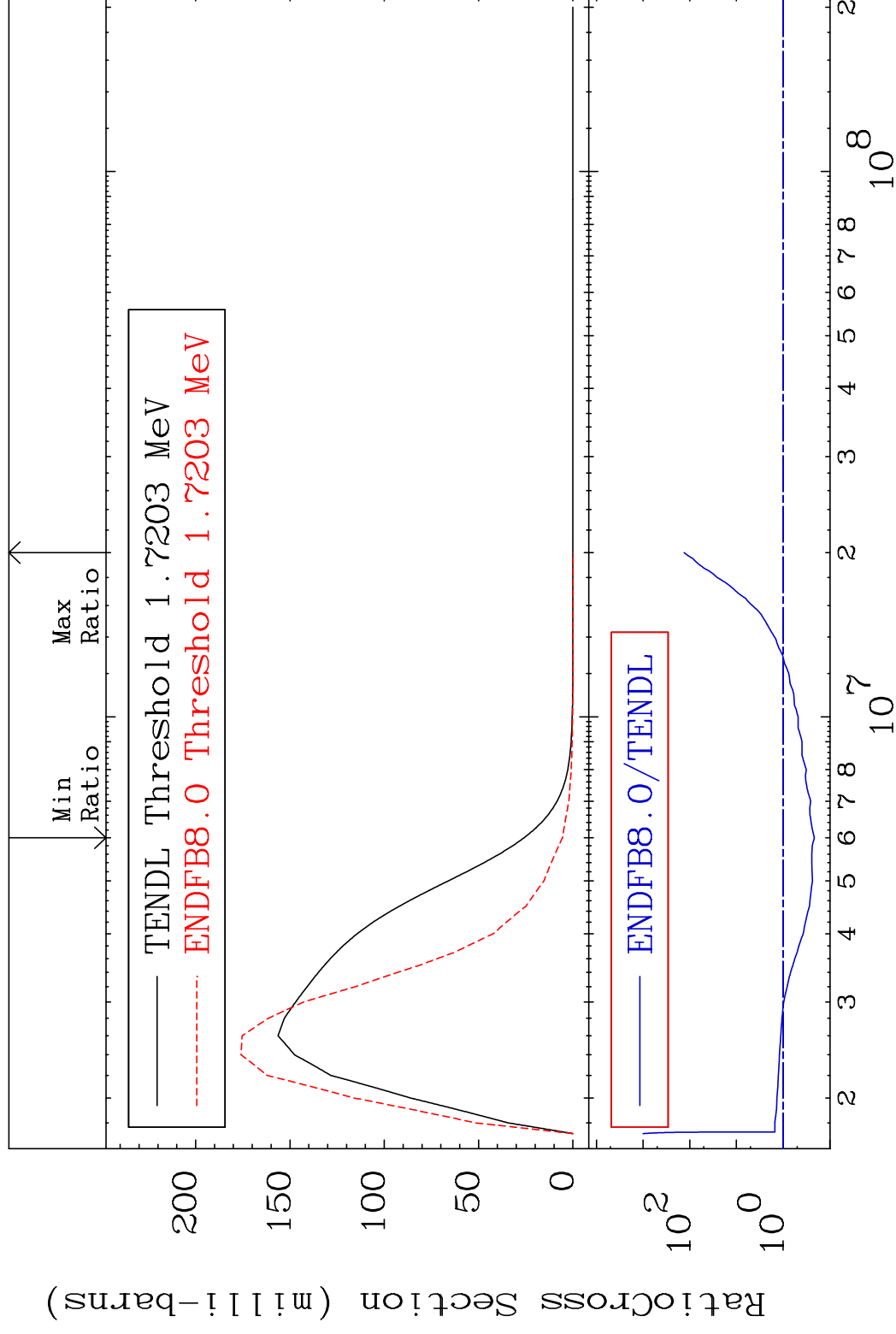


MAT 3237

MT= 55 (n, n') Level

32-Ge-74

Cross Section -78.56 To 9999. %

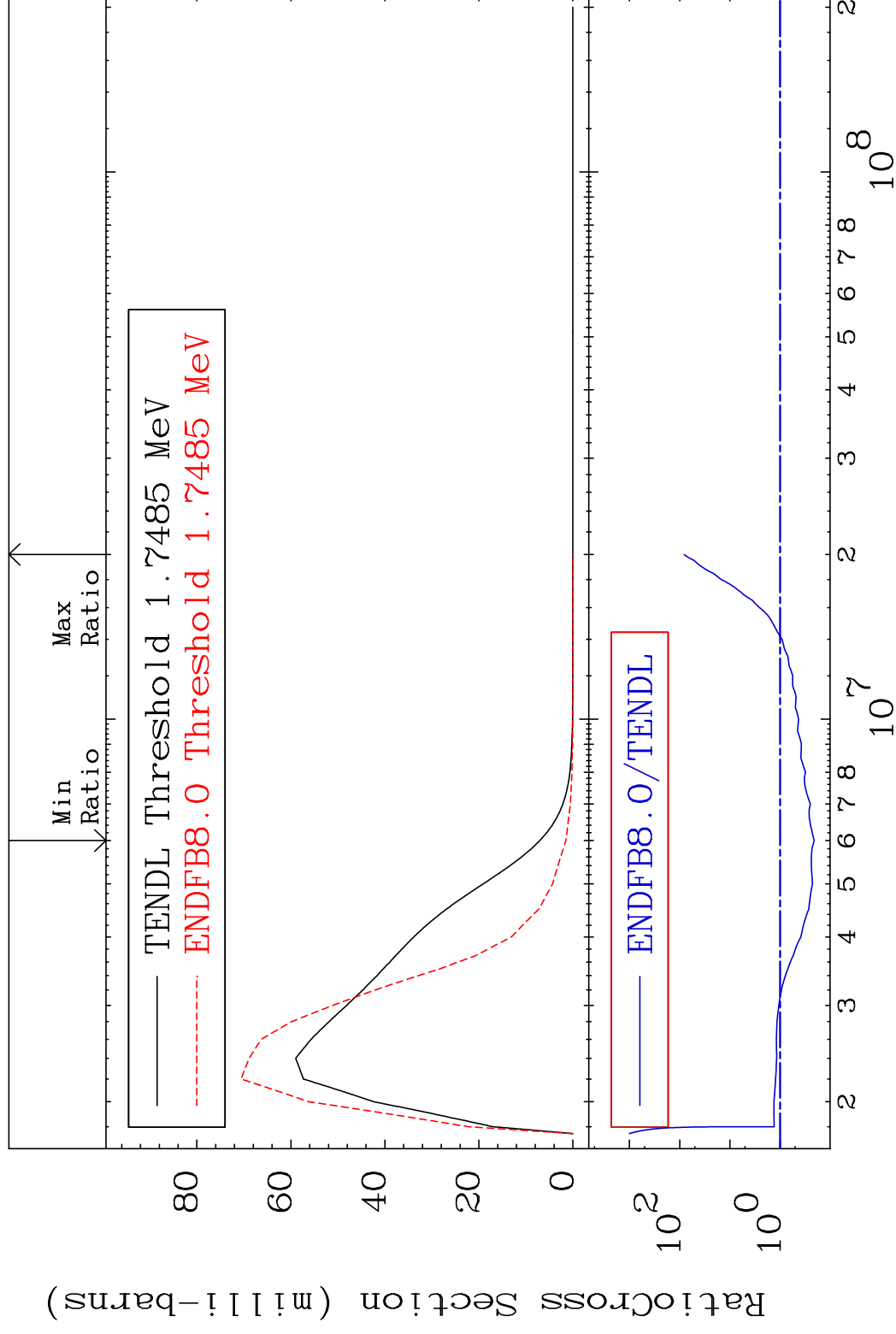


MAT 3237

MT= 56 (n, n') Level

32-Ge-74

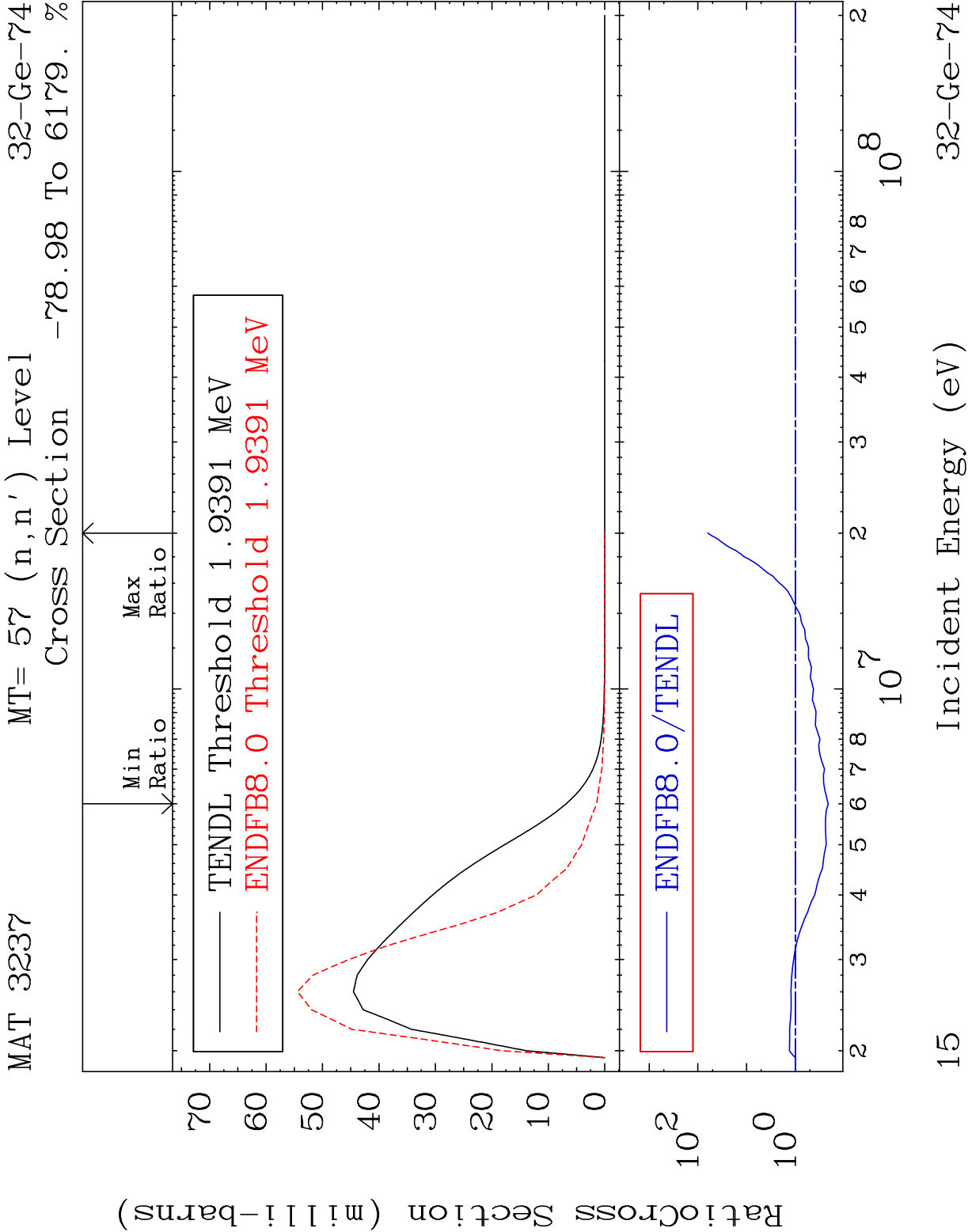
Cross Section -79.10 To 8082. %

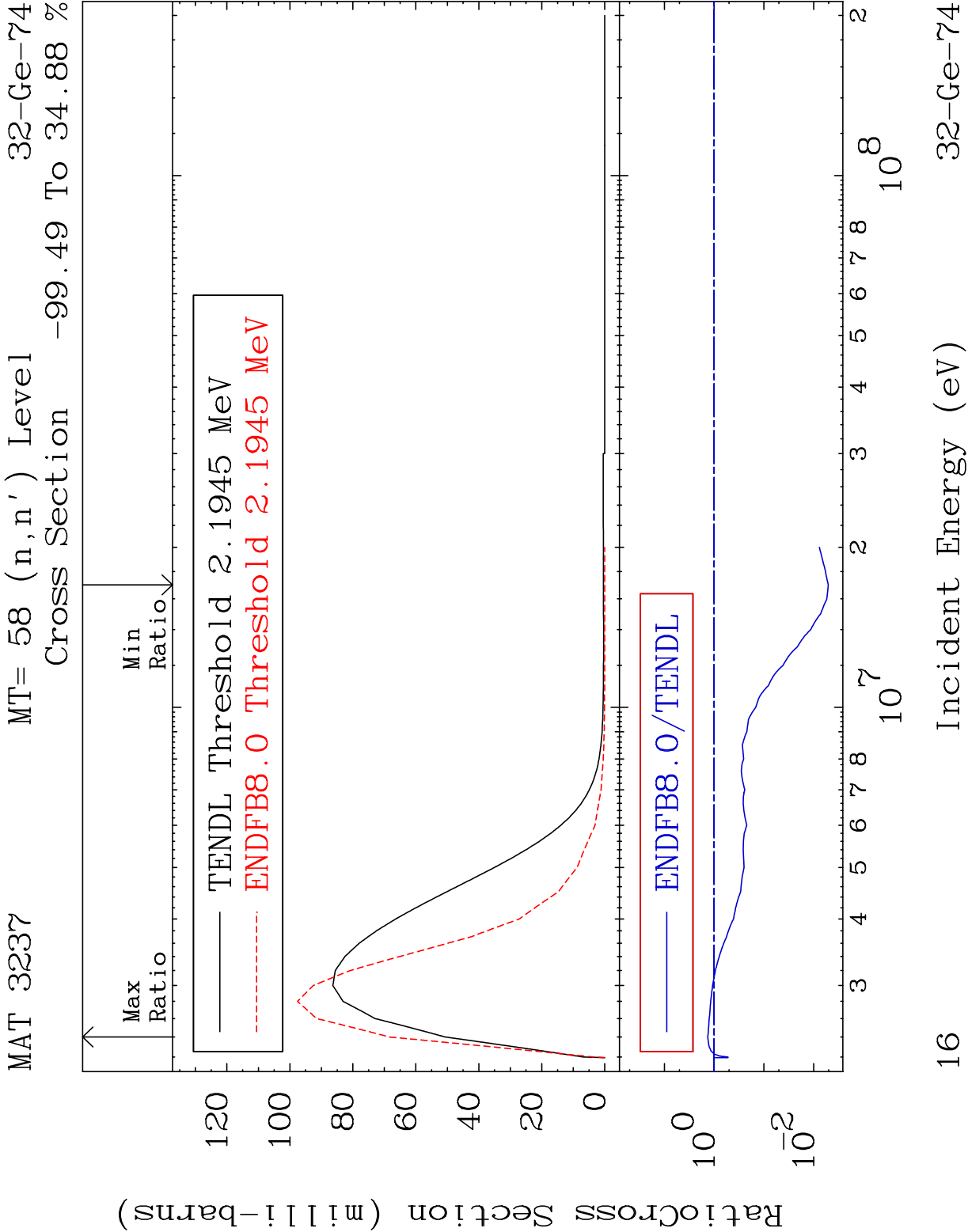


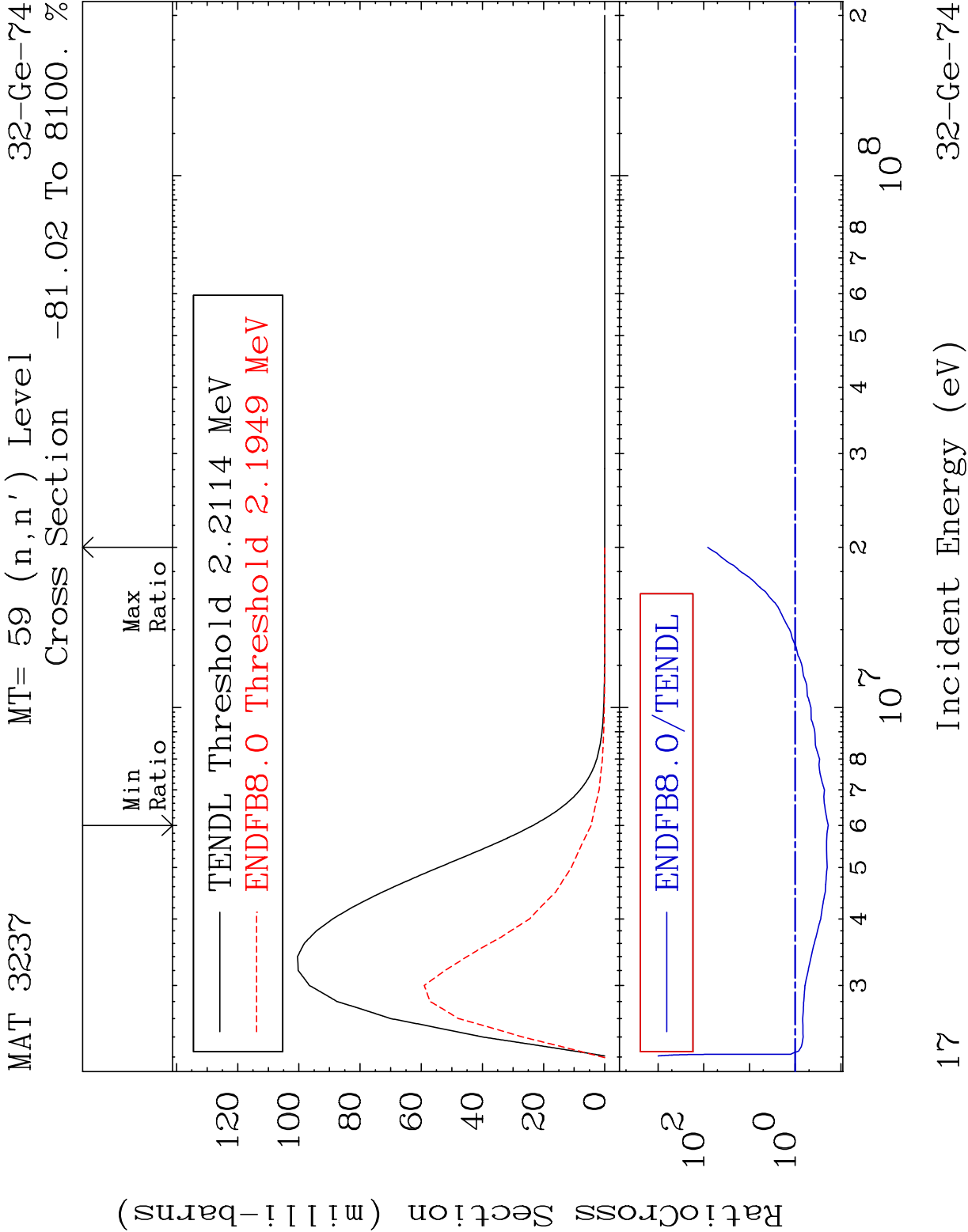
14

Incident Energy (eV)

32-Ge-74







17

Incident Energy (eV)

32-Ge-74

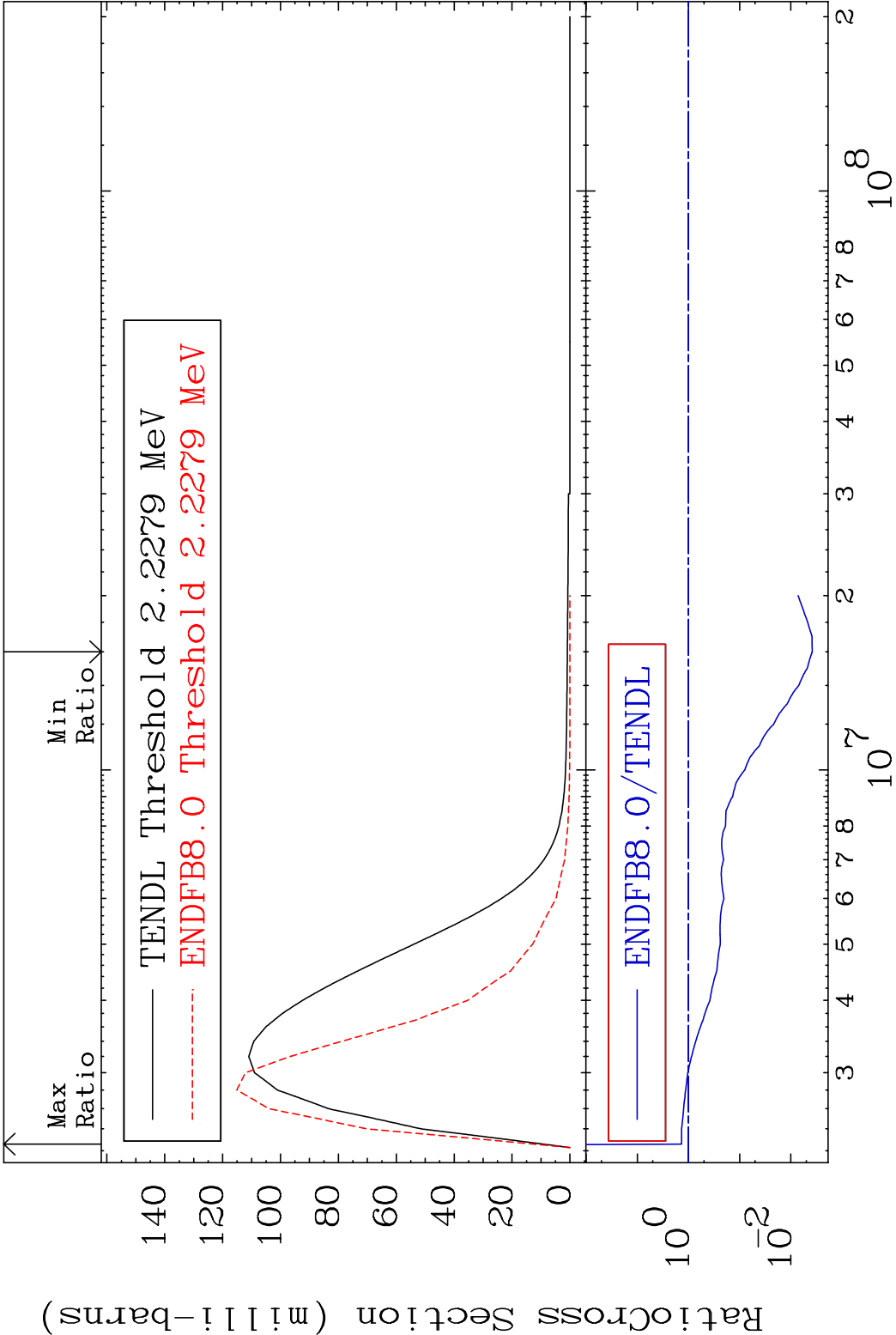
MAT 3237

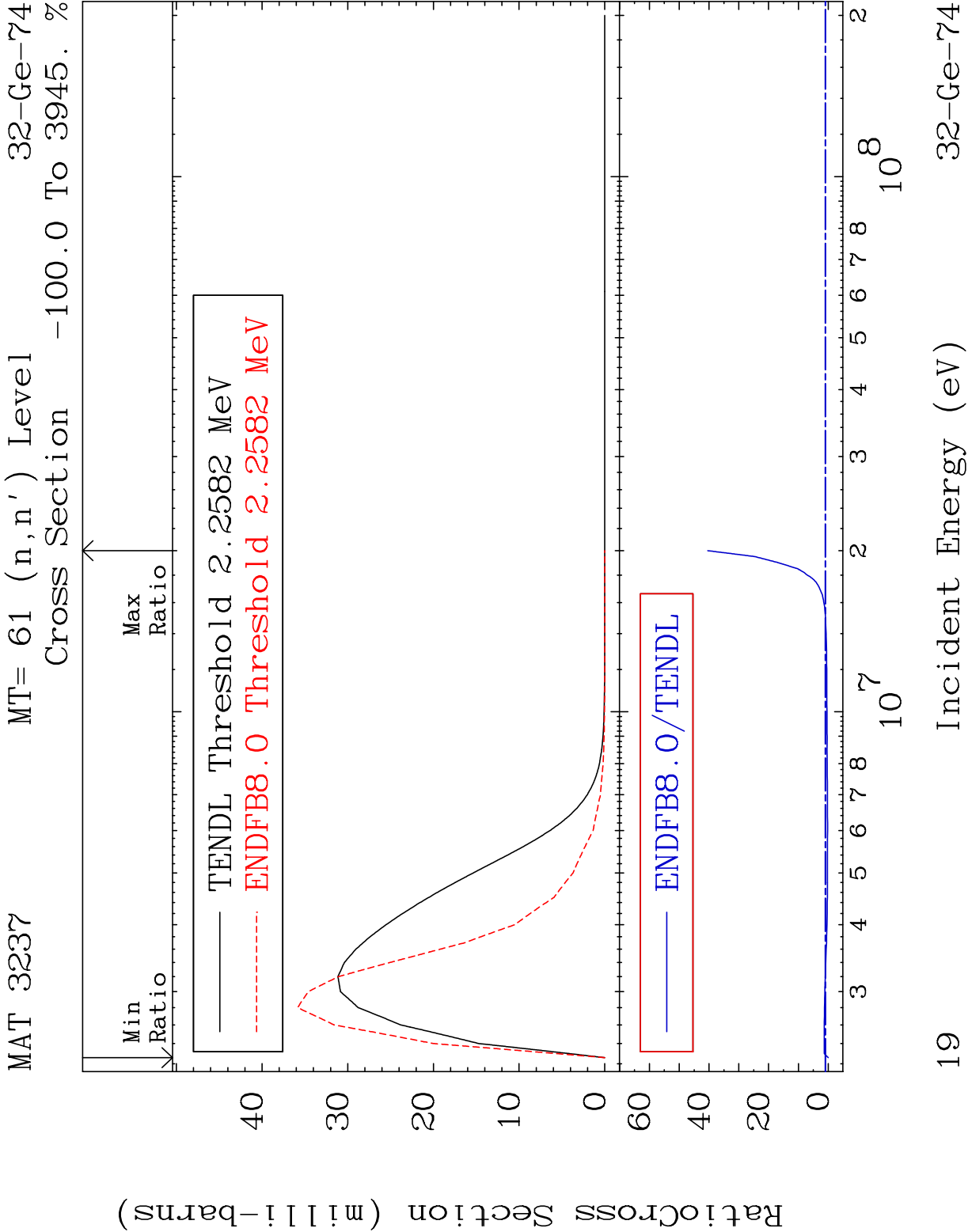
MT= 60 (n,n') Level

32-Ge-74

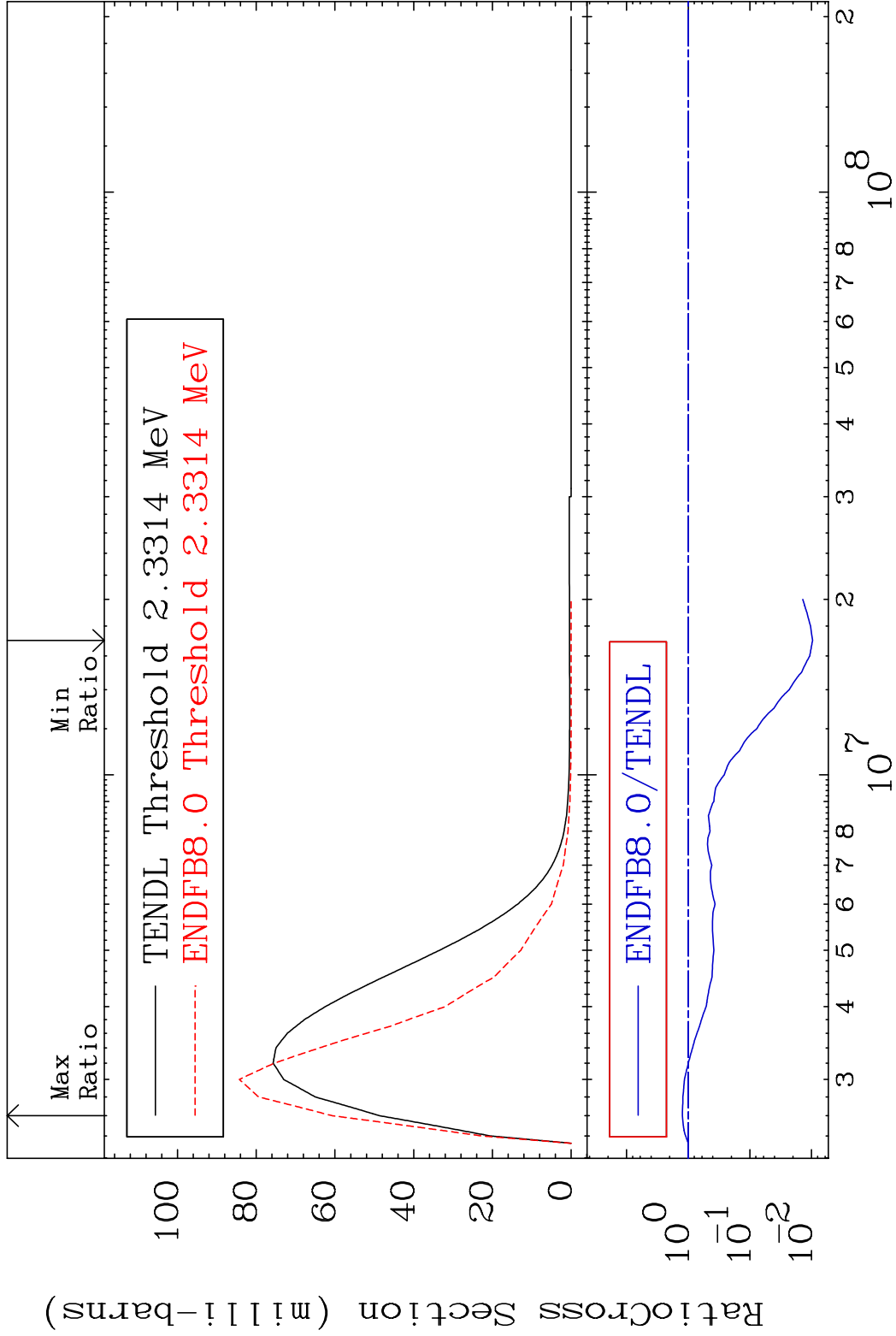
Cross Section

-99.62 To 36.68 %

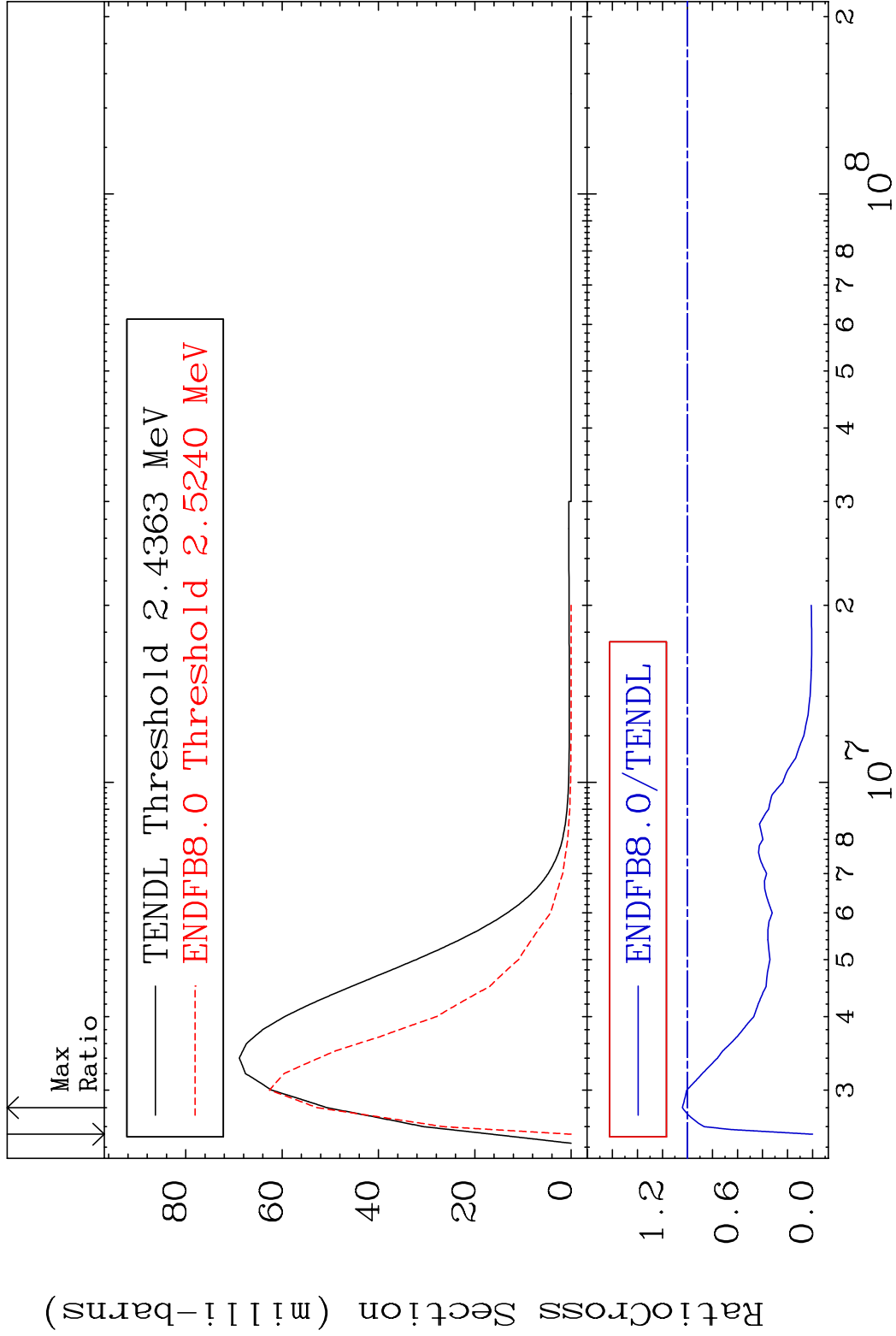


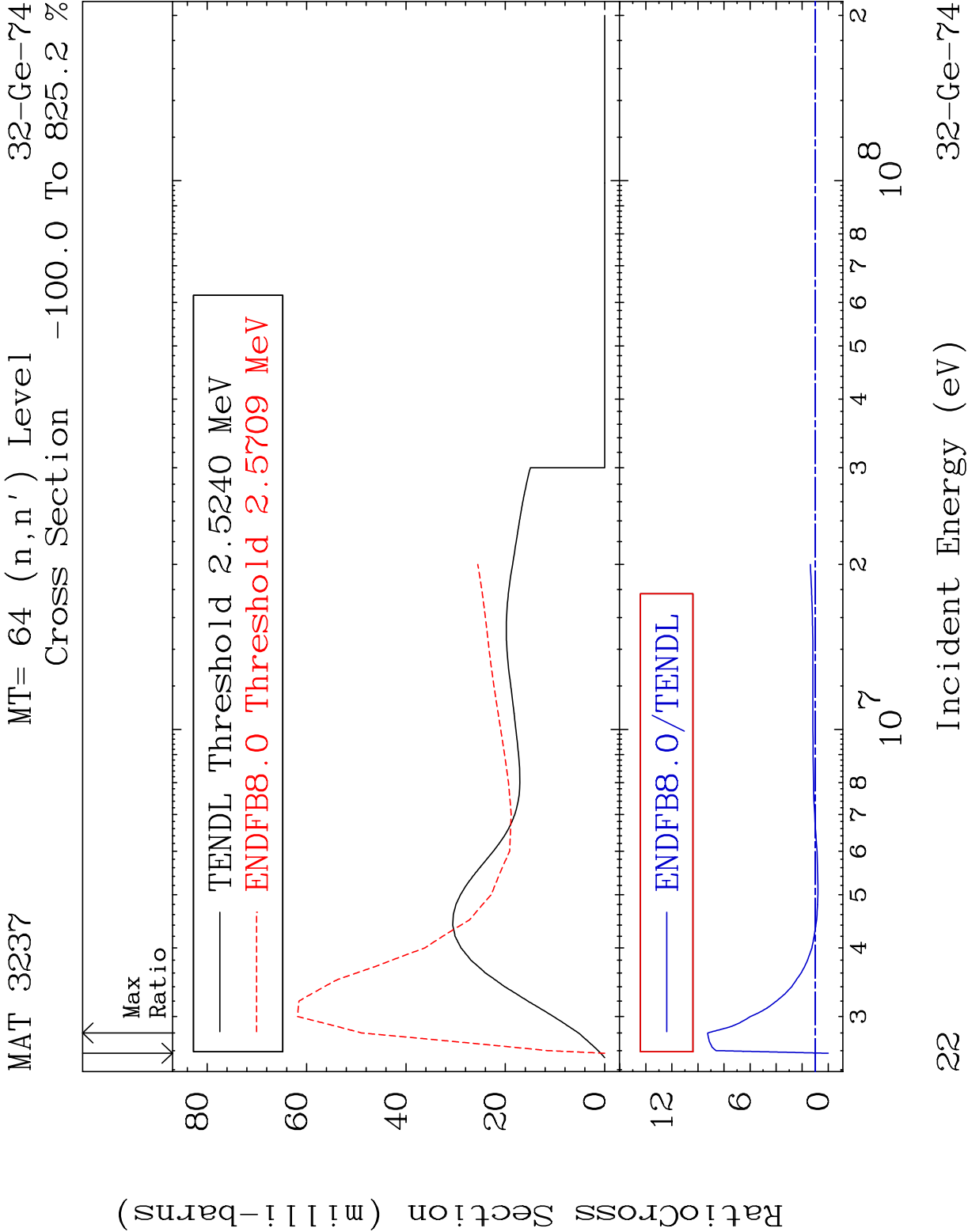


MAT 3237 MT= 62 (n,n') Level 32-Ge-74
Cross Section -99.04 To 24.71 %

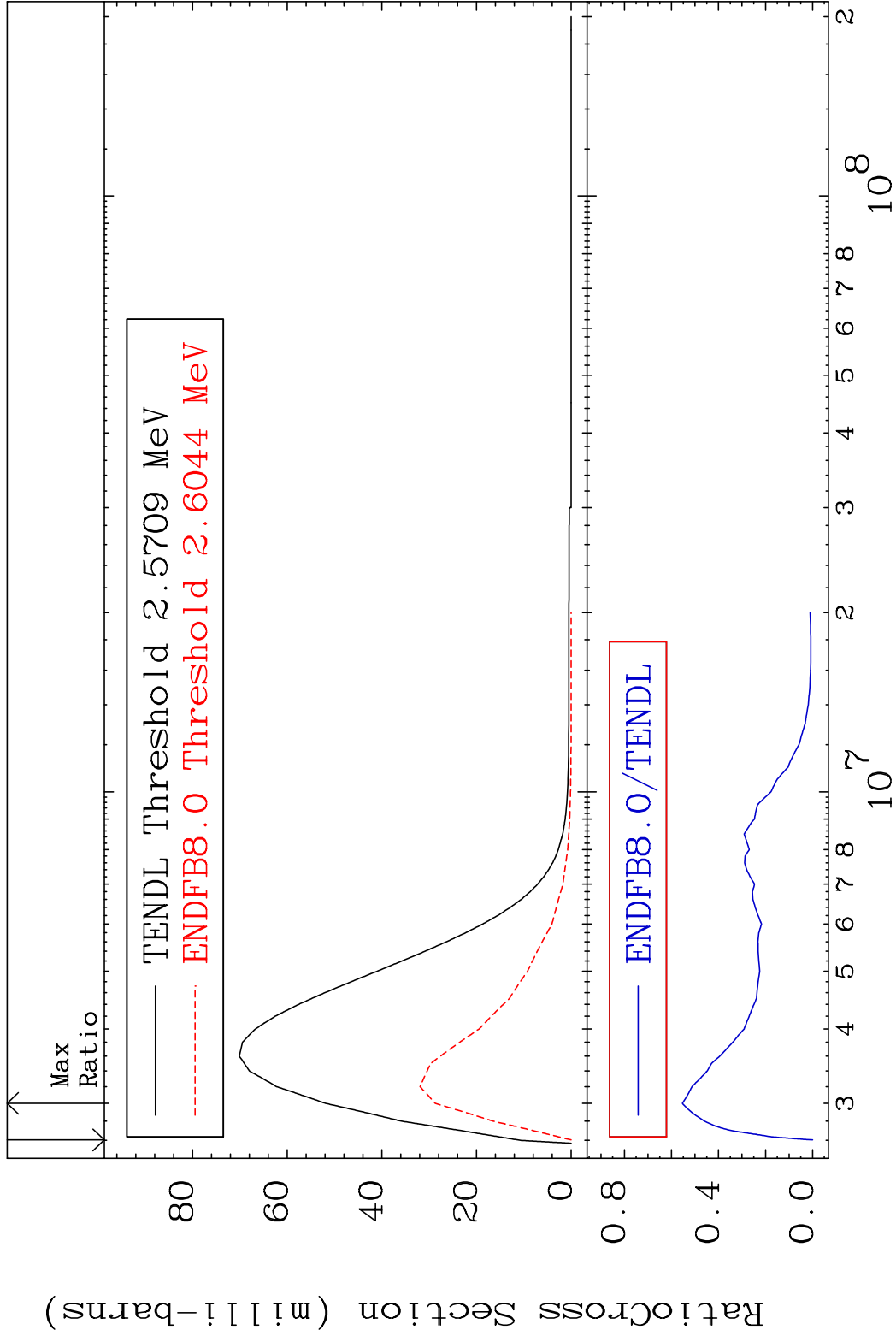


MAT 3237 MT= 63 (n,n') Level 32-Ge-74
Cross Section -100.0 To 4.092 %

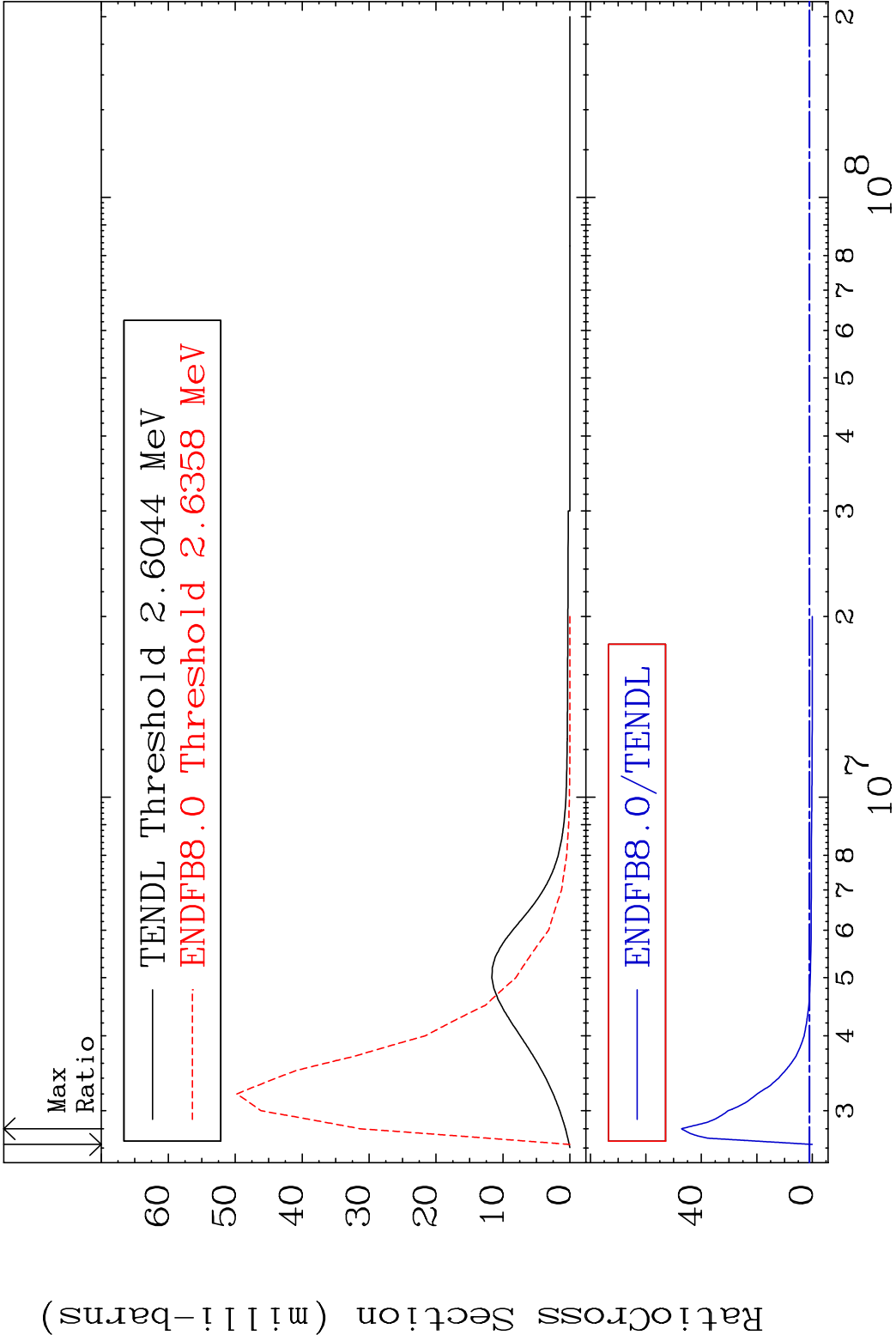




MAT 3237 MT= 65 (n,n') Level 32-Ge-74
Cross Section -100.0 To -44.63%

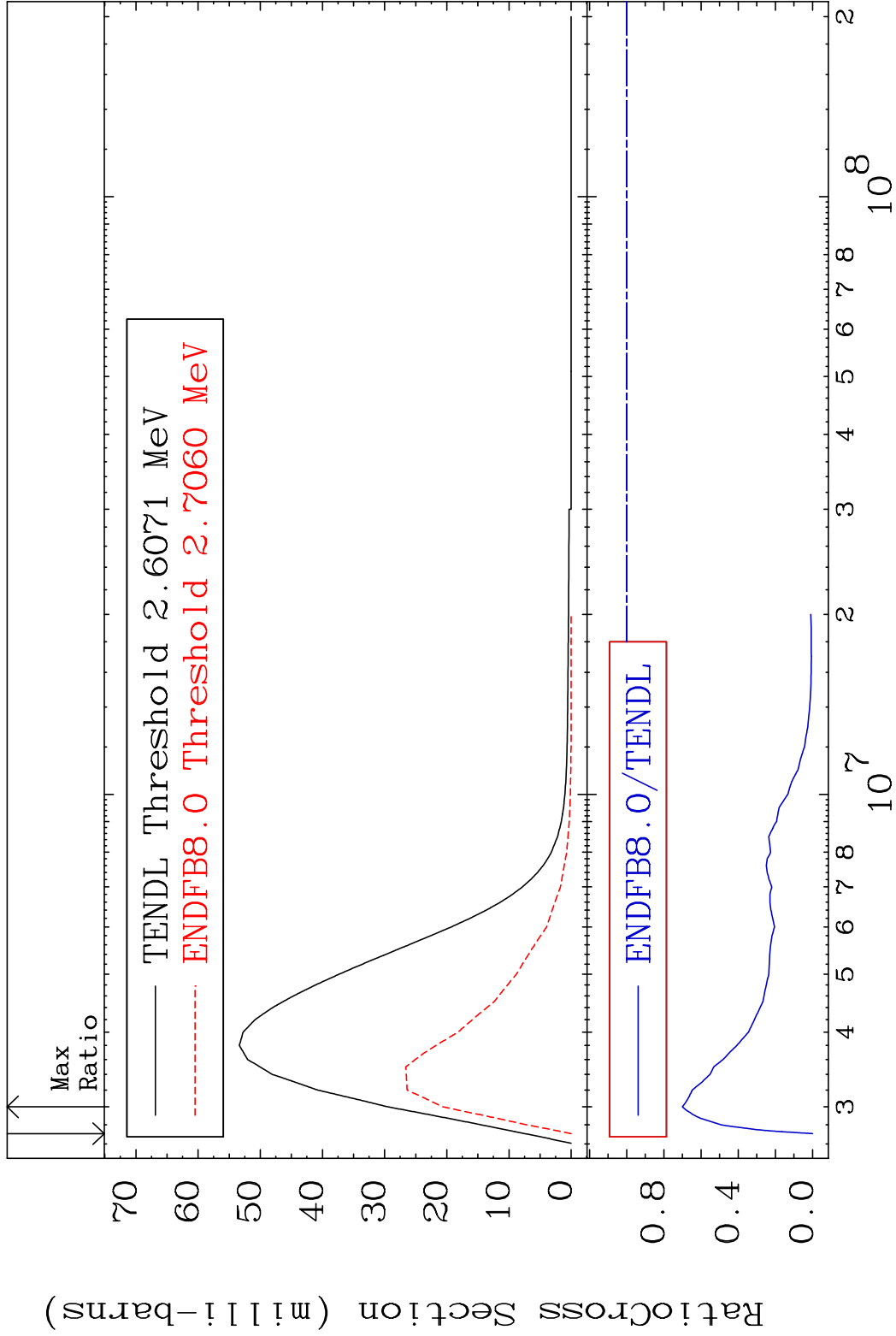


MAT 3237 MT= 66 (n,n') Level 32-Ge-74
Cross Section -100.0 To 4614. %



24 Incident Energy (eV) 32-Ge-74

MAT 3237 MT= 67 (n,n') Level 32-Ge-74
Cross Section -100.0 To -29.94%

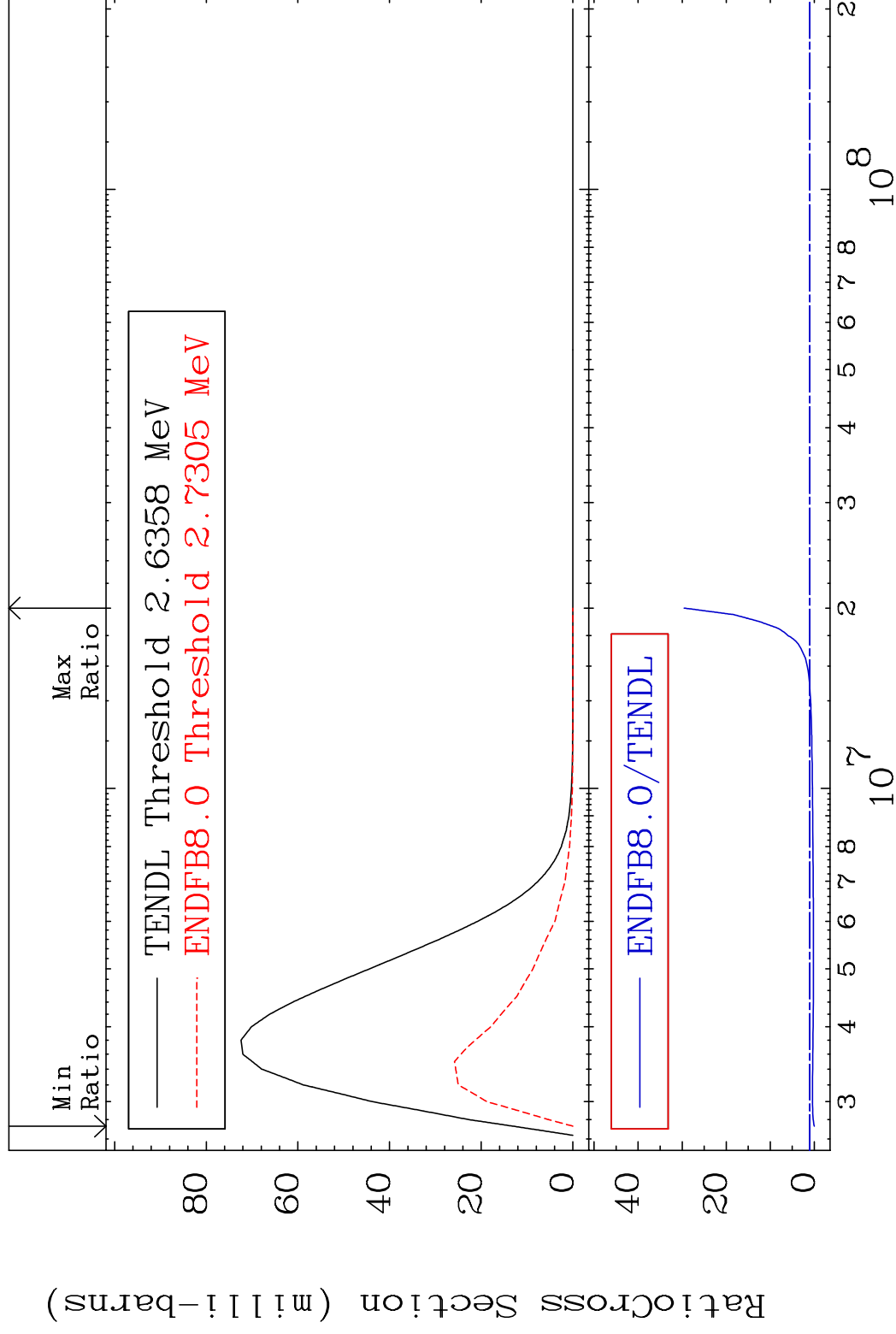


MAT 3237

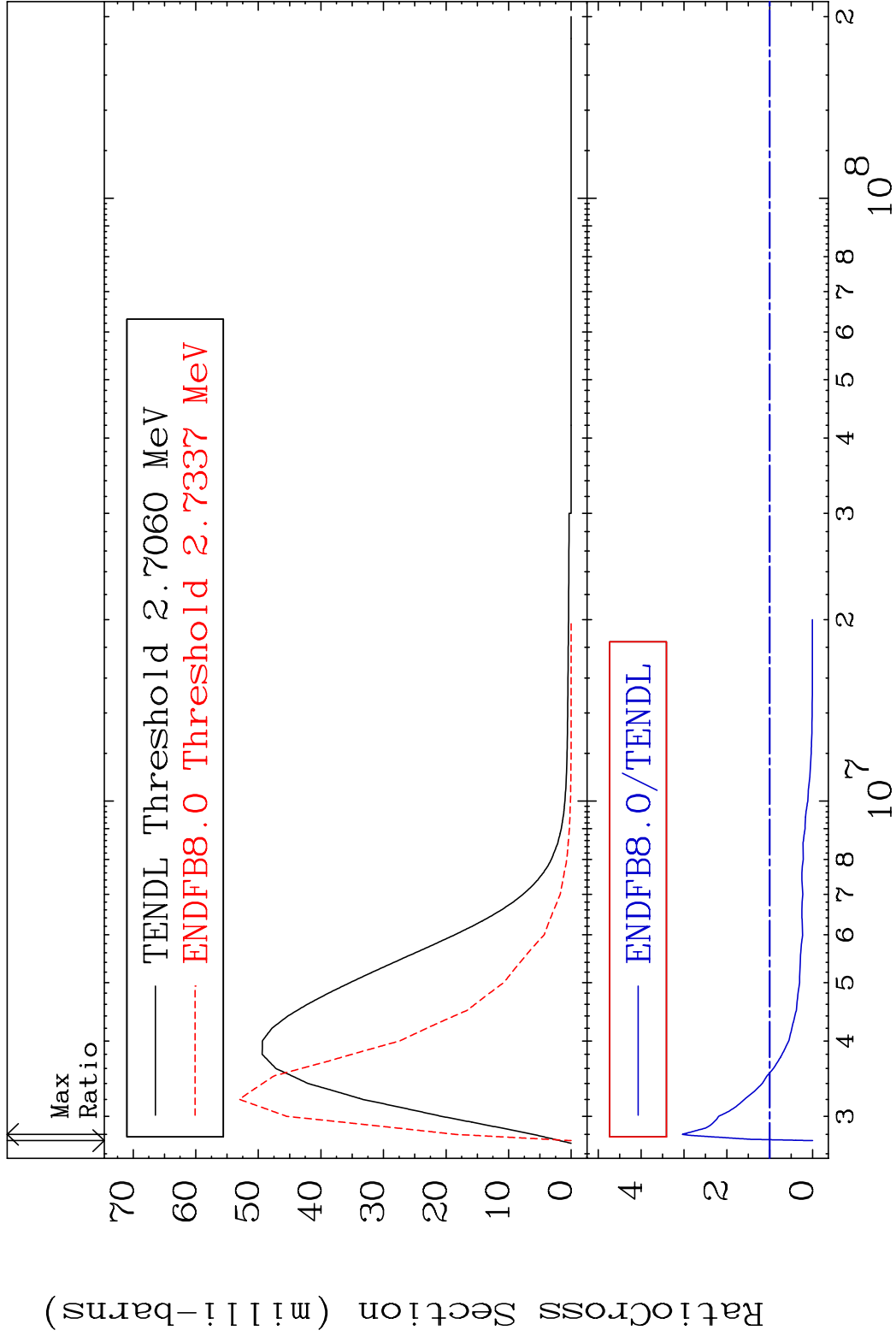
MT= 68 (n, n') Level

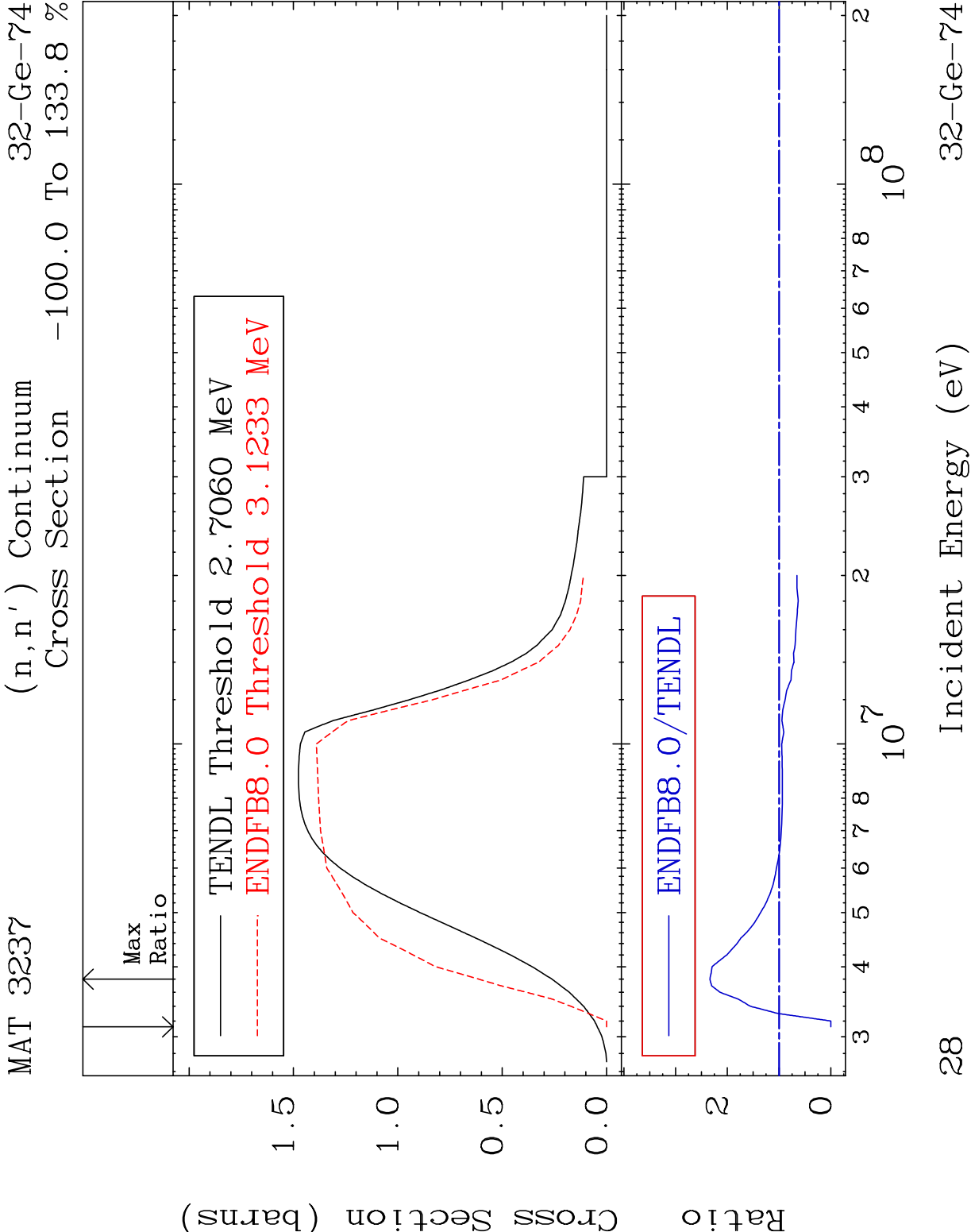
32-Ge-74

Cross Section -100.0 To 2857. %



MAT 3237 MT= 69 (n,n') Level 32-Ge-74
Cross Section -100.0 To 203.9 %



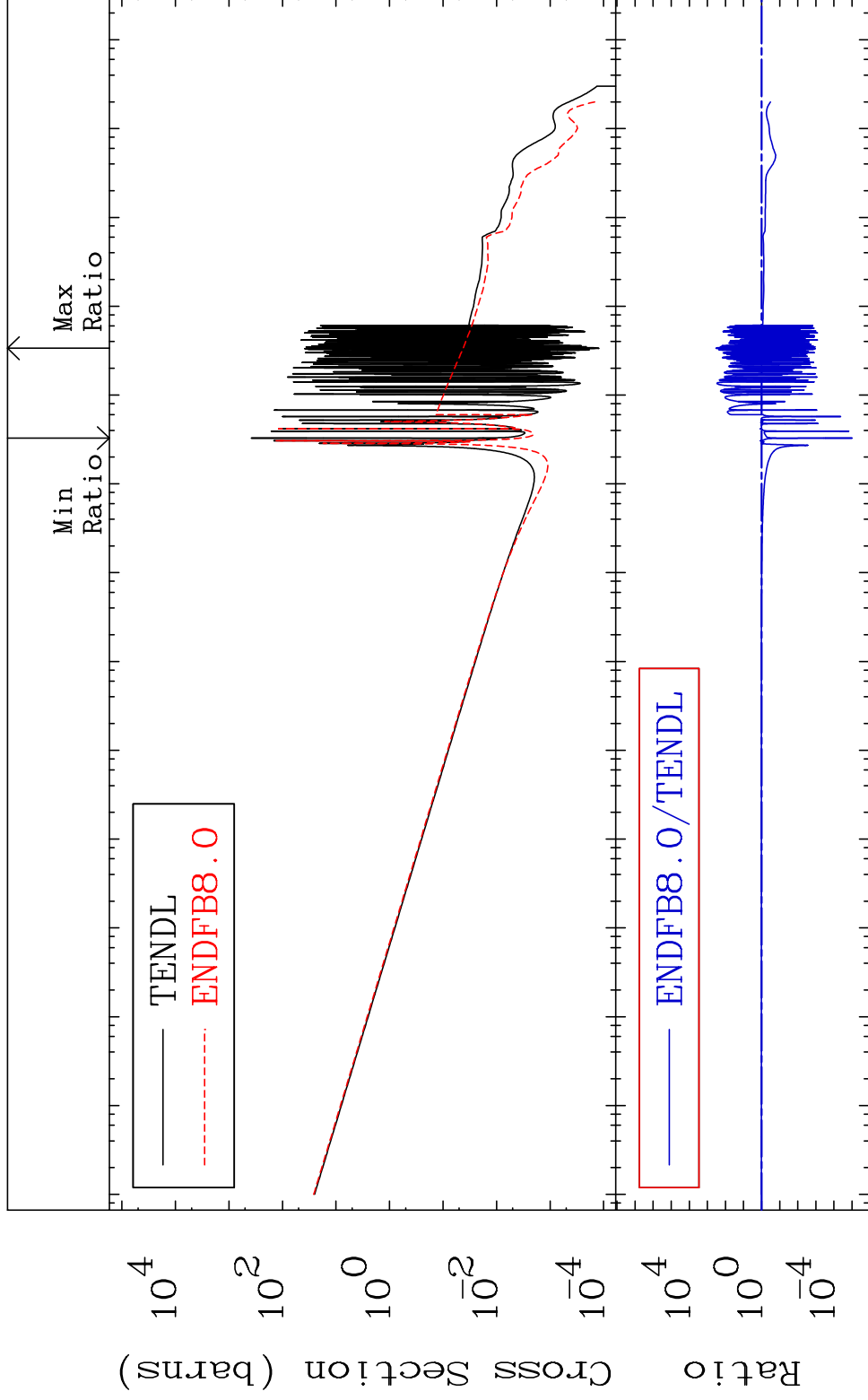


MAT 3237

(n, γ)

32-Ge-74

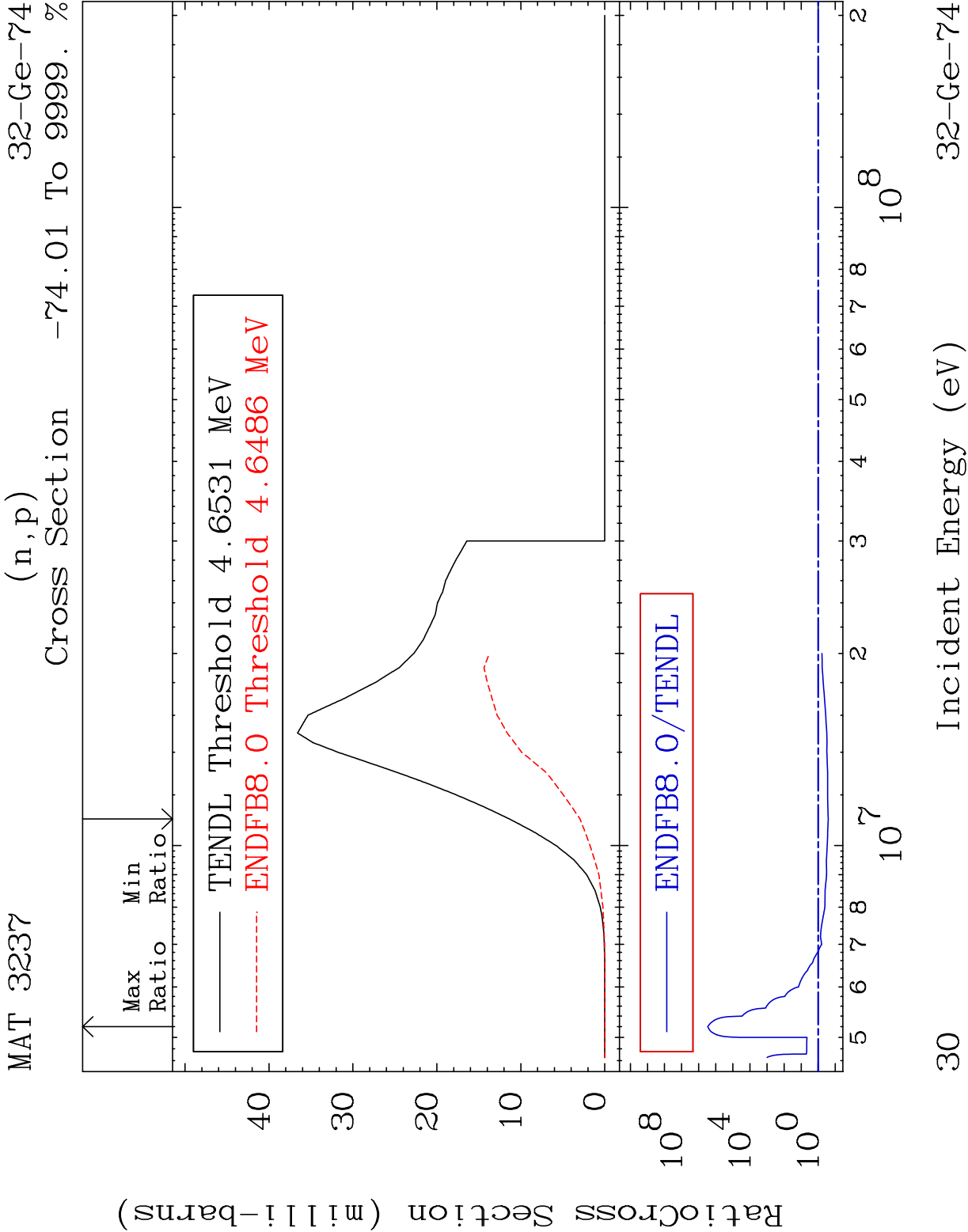
Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

32-Ge-74

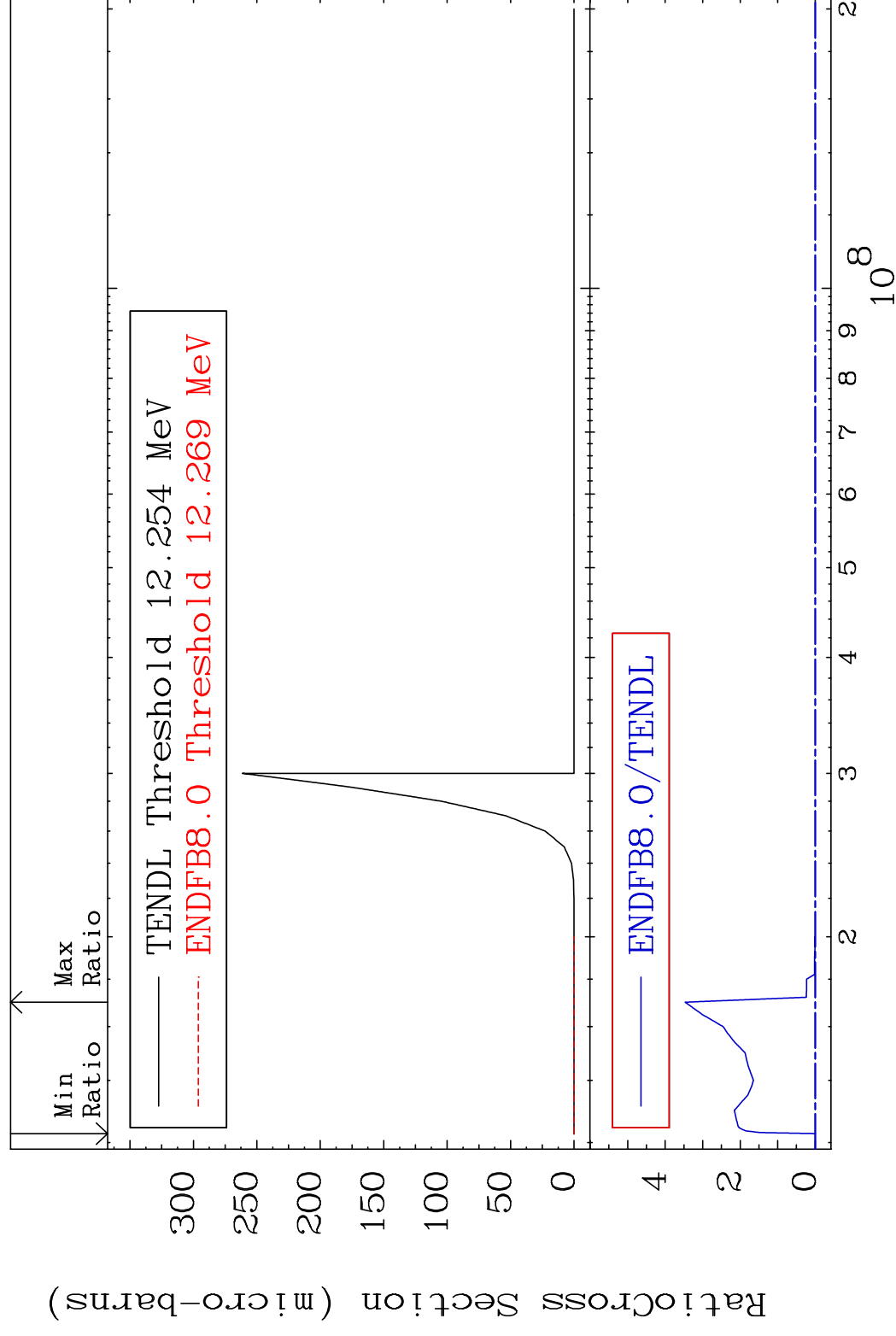


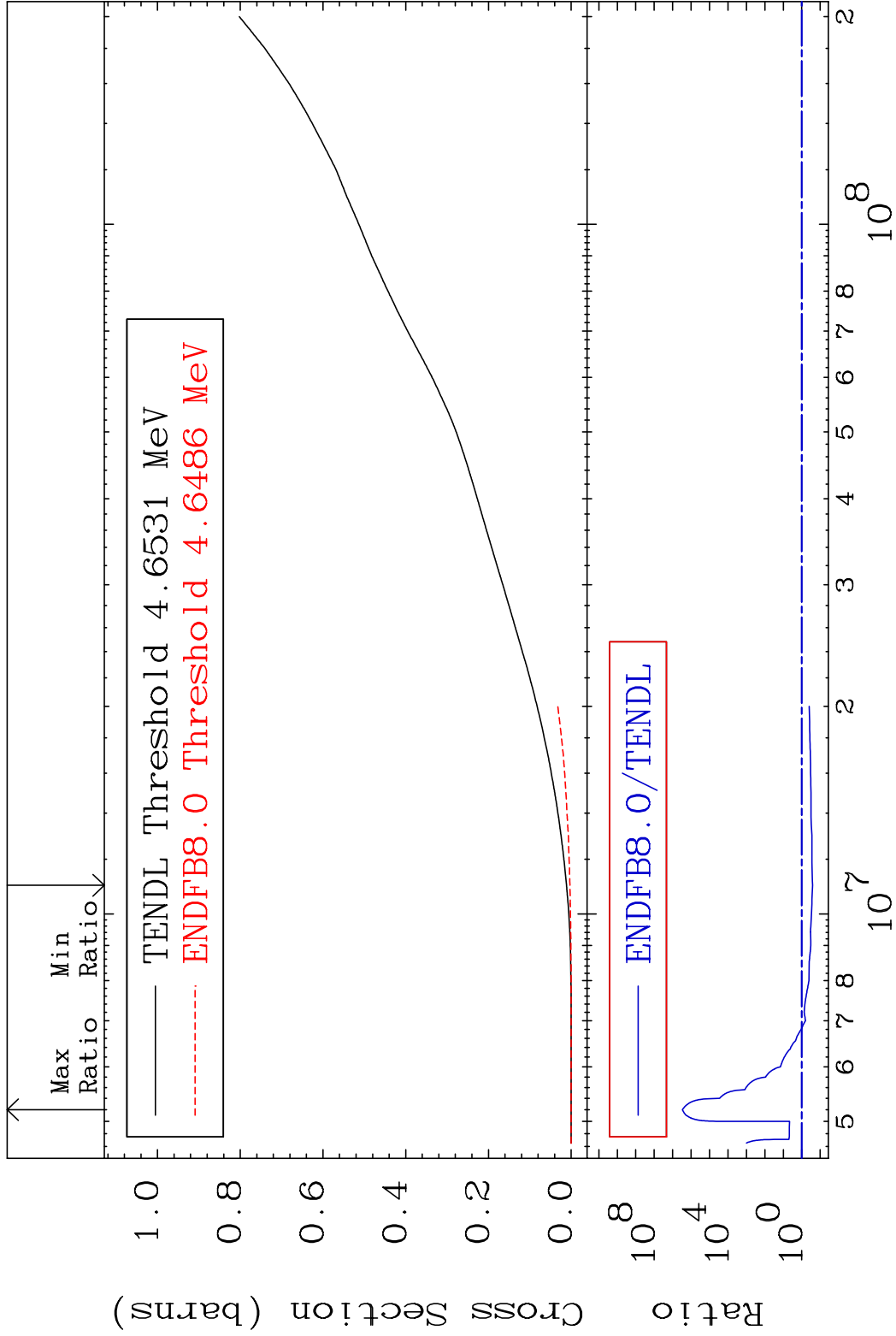
MAT 3237

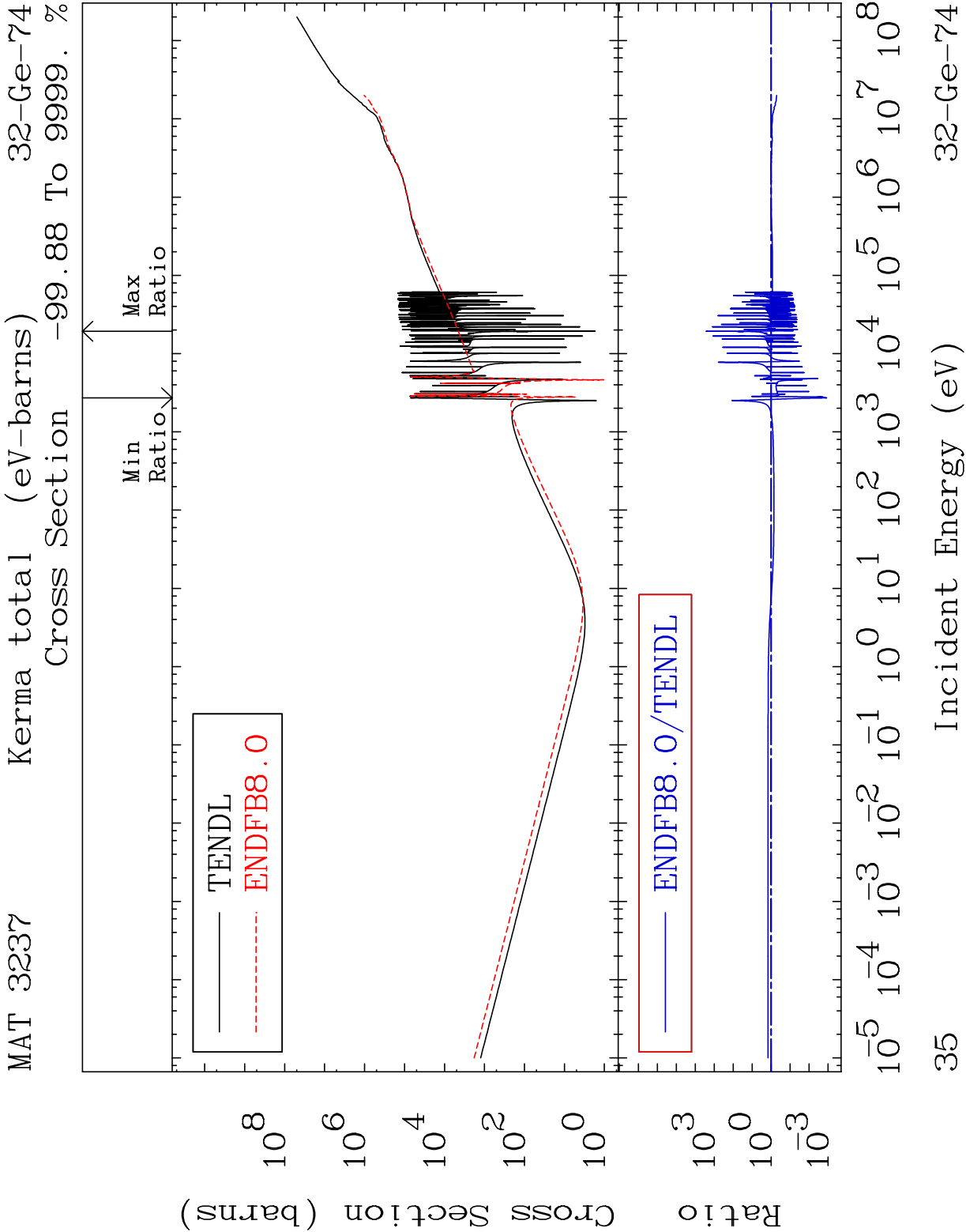
$$(n, p) \propto$$

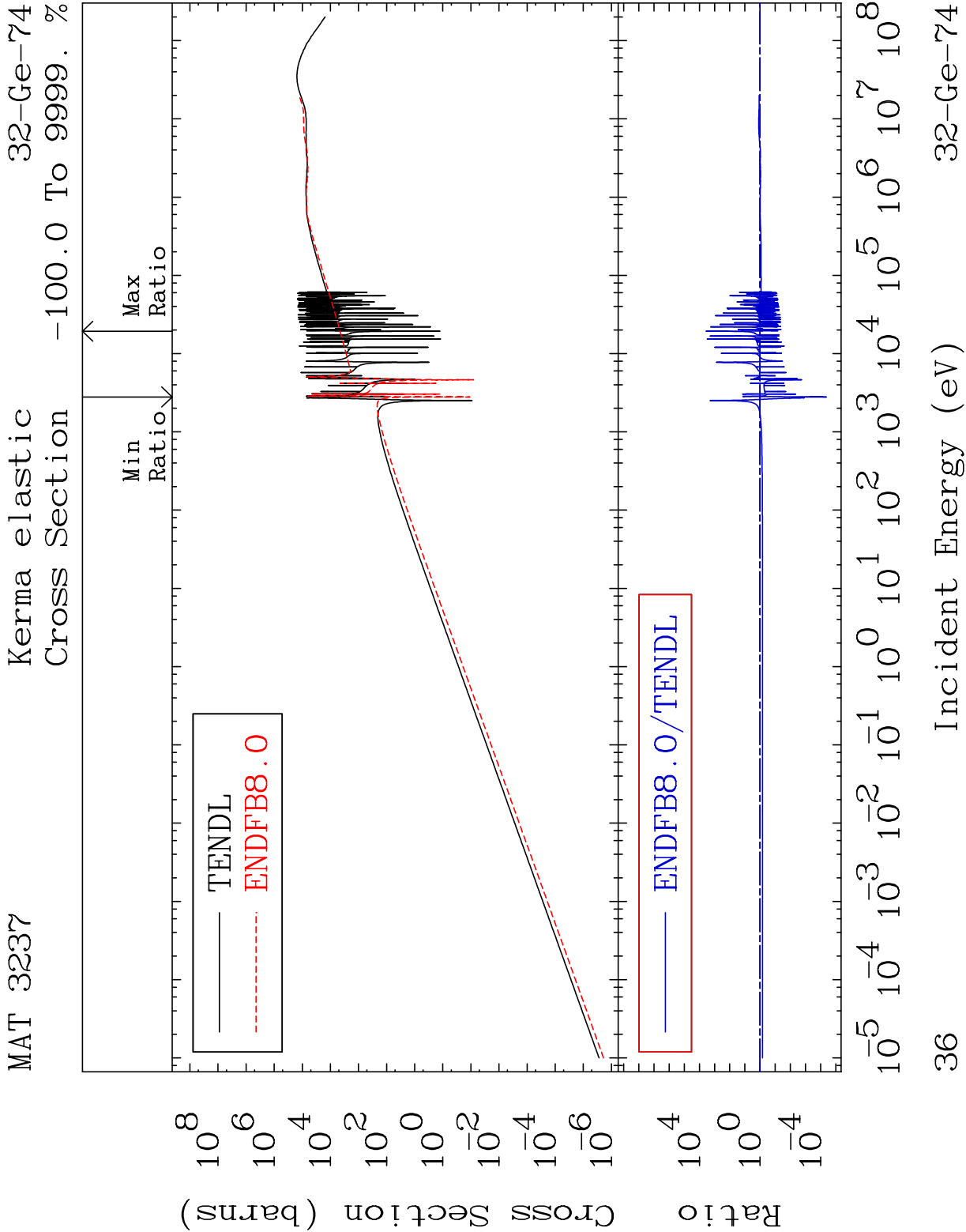
32-Ge-74

Cross Section -100.0 To 9999. %

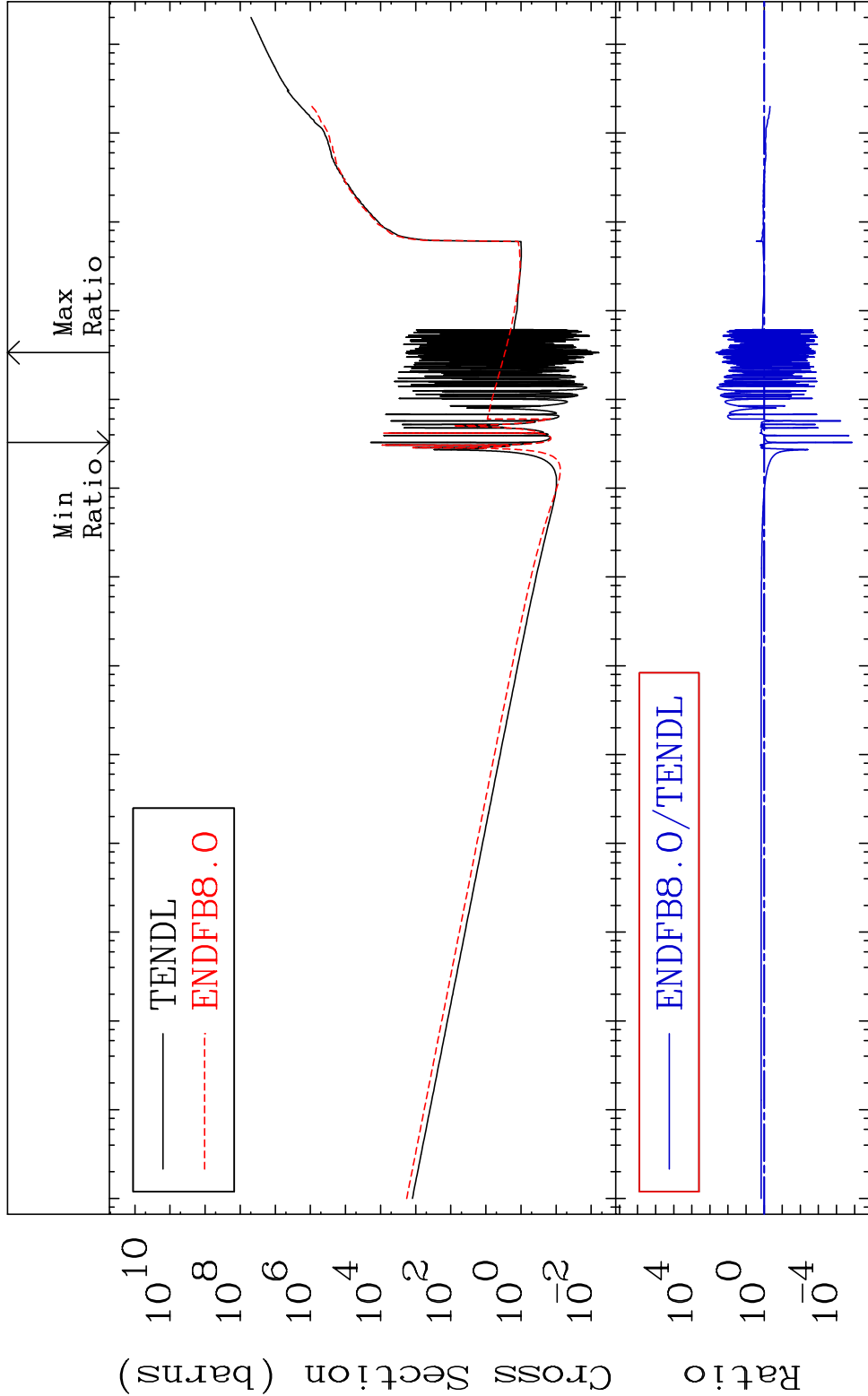




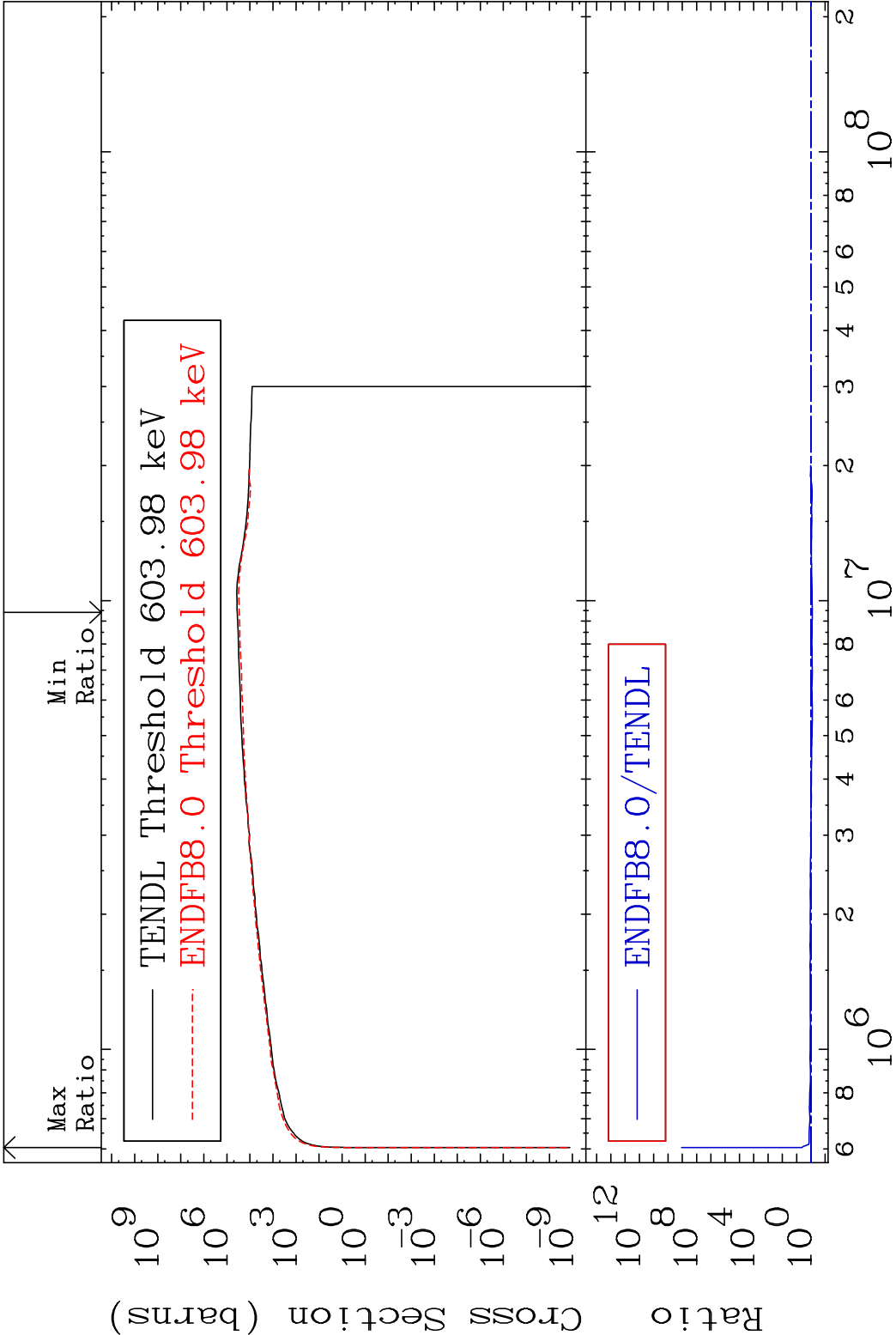




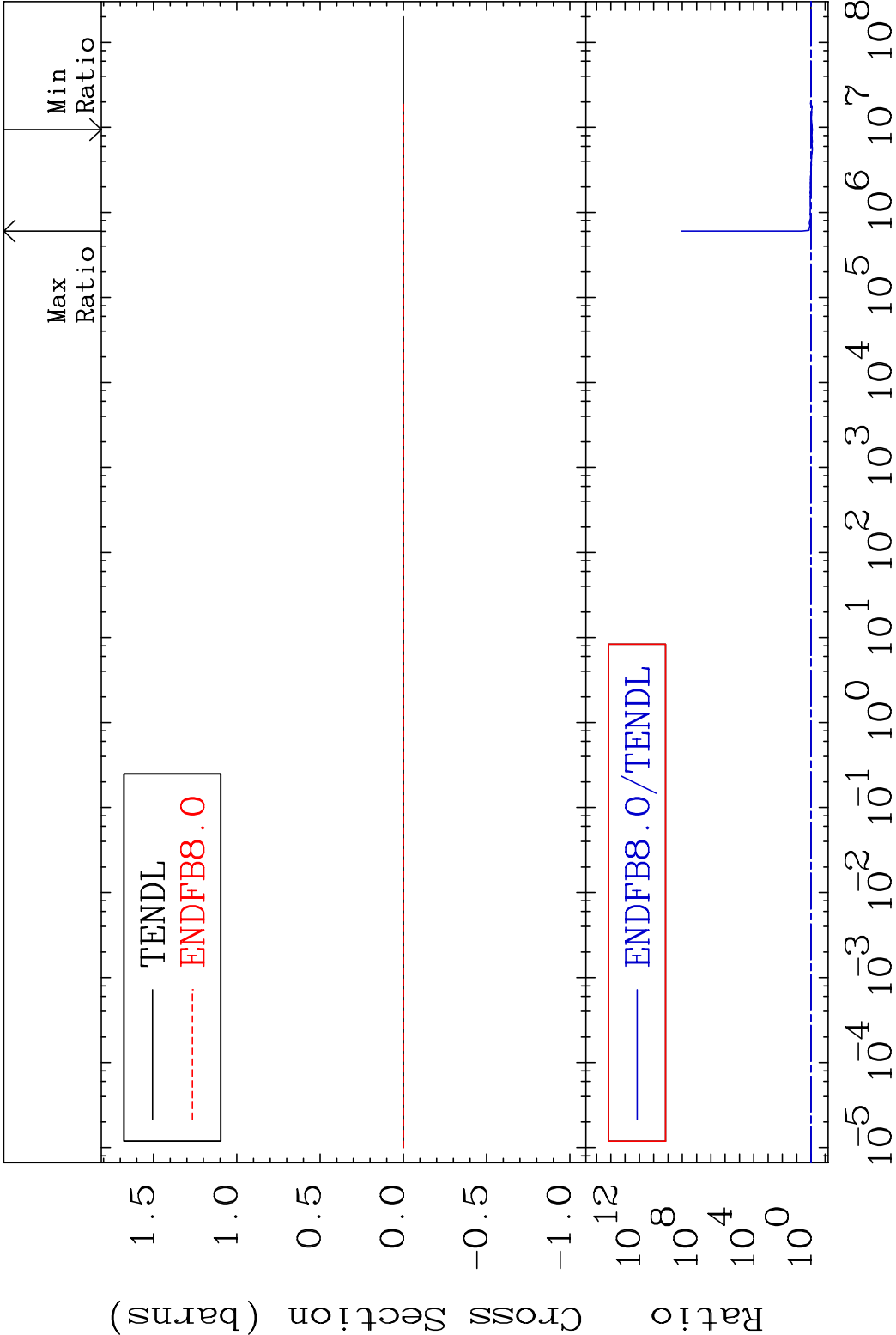
Cross Section -100.0 To 9999. %

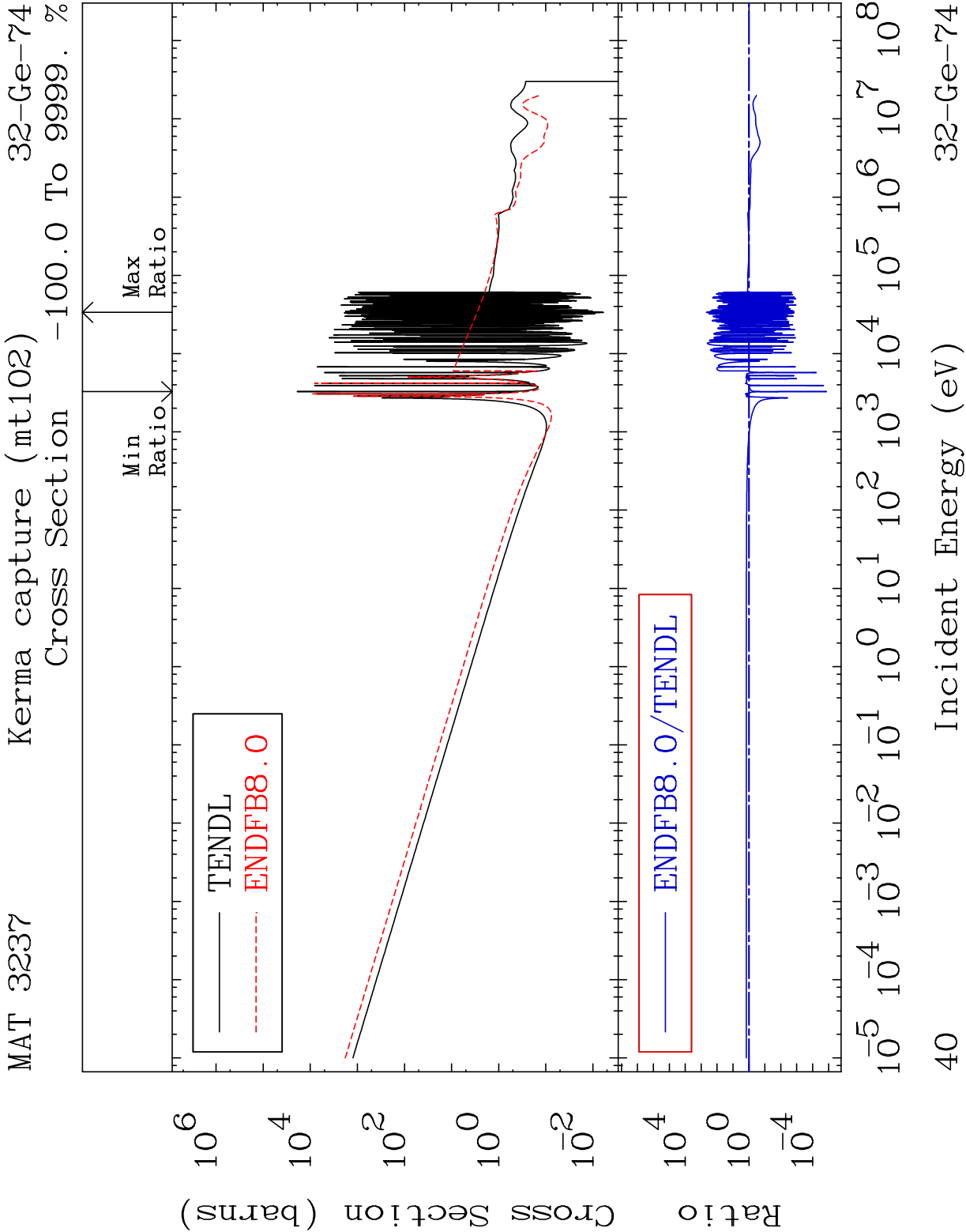


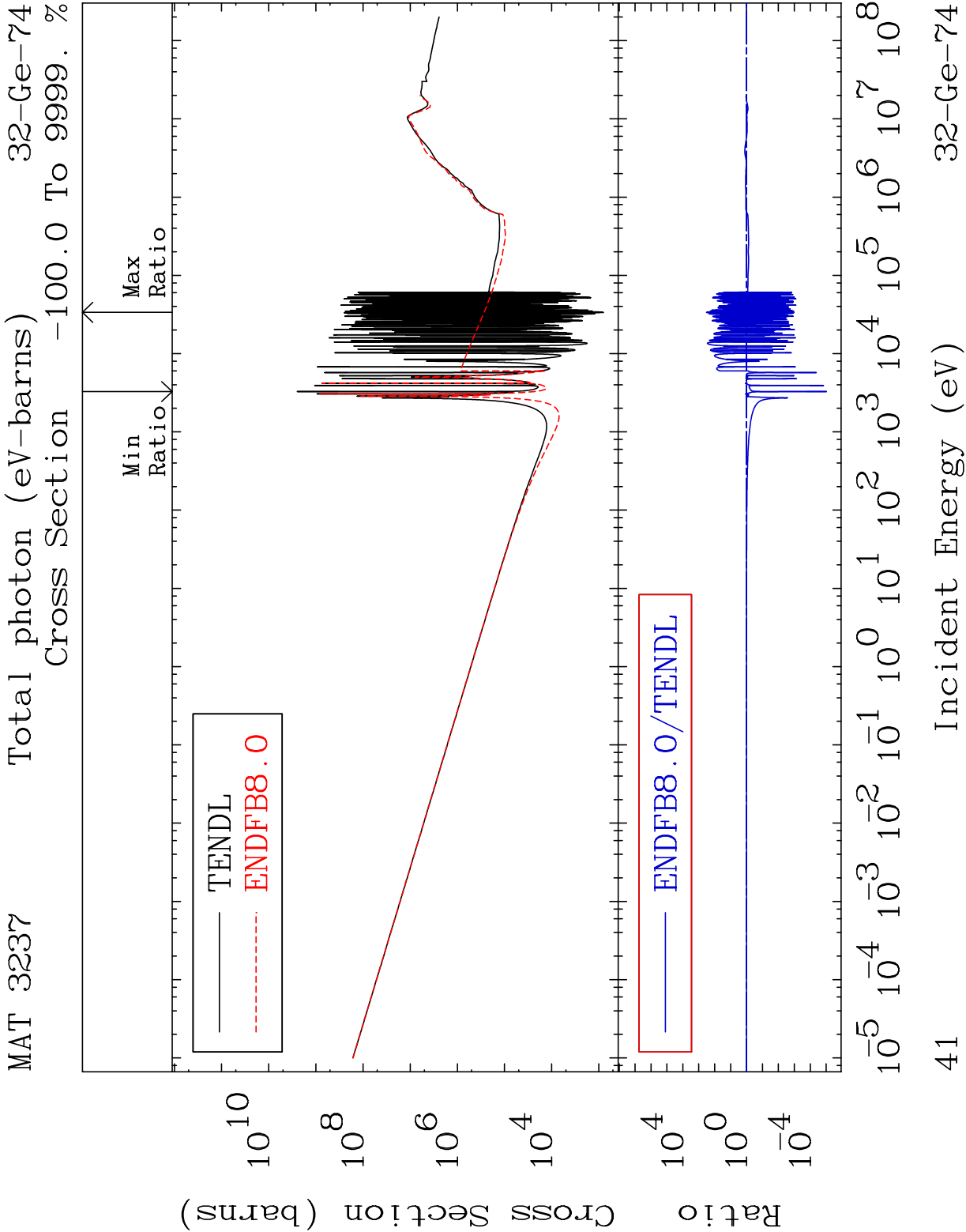
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸



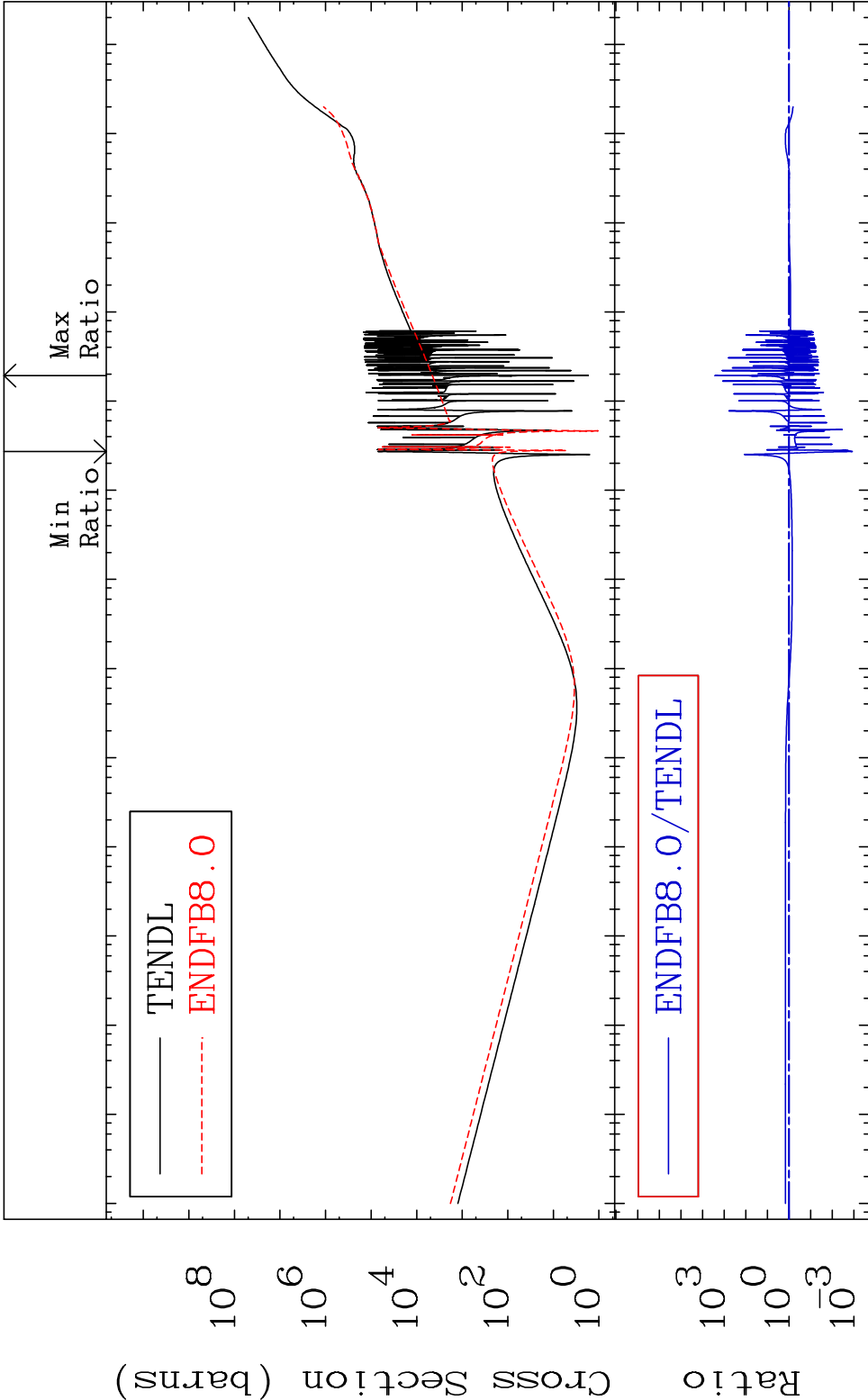
MAT 3237 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-74
 Cross Section -19.25 To 9999. %



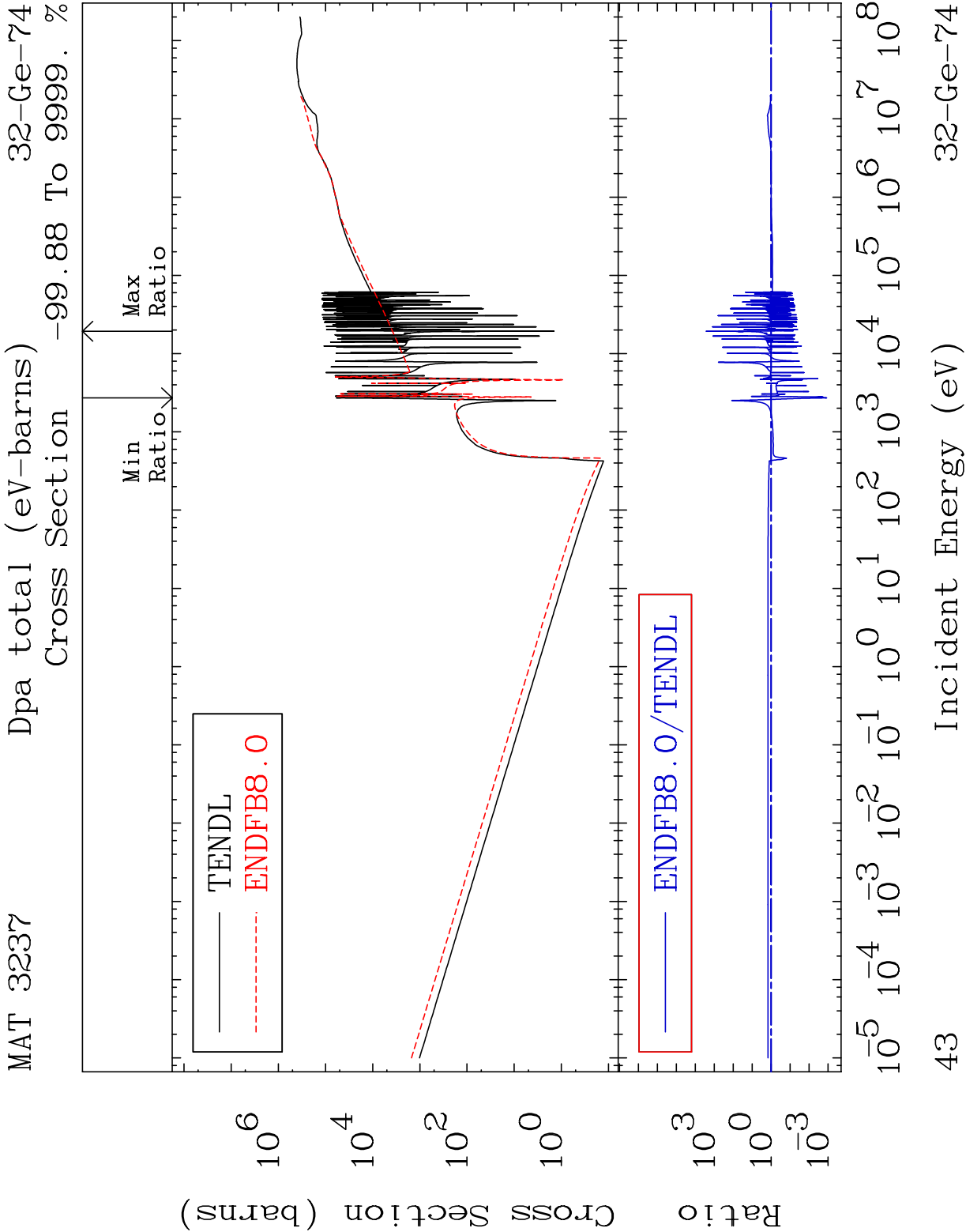


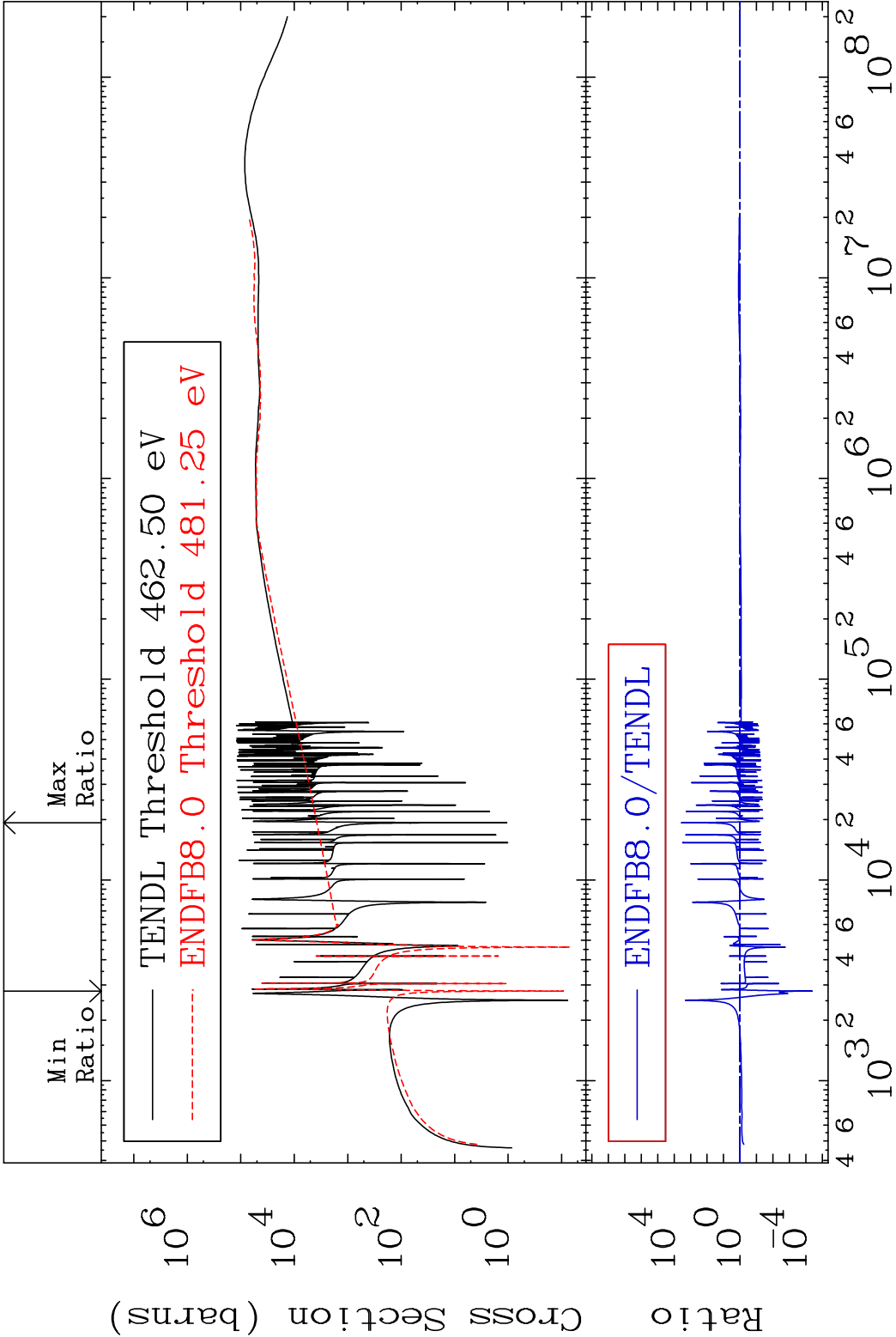


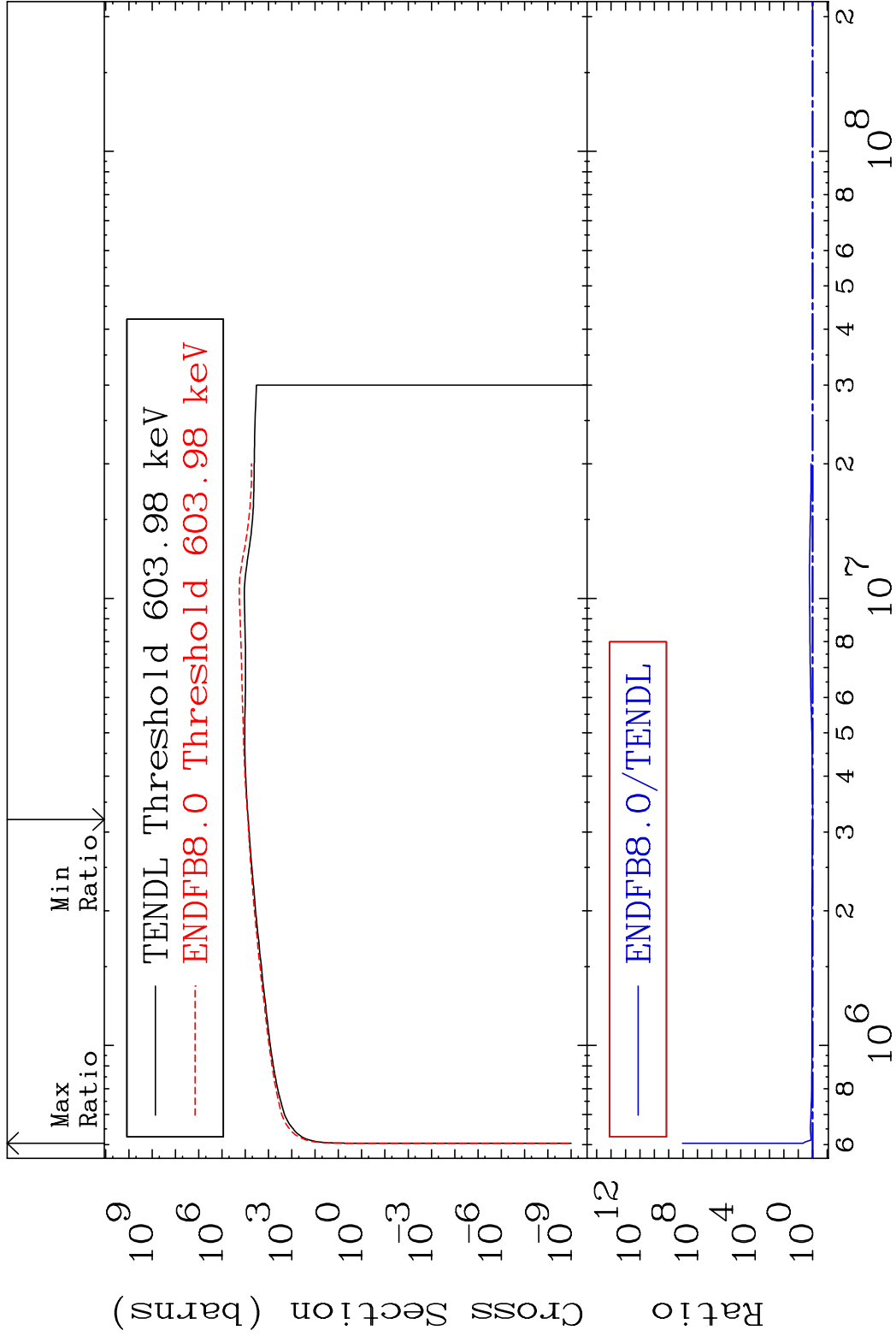
MAT 3237 Total kinematic kerma (high limit) 32-Ge-74
Cross Section -99.88 To 9999. %



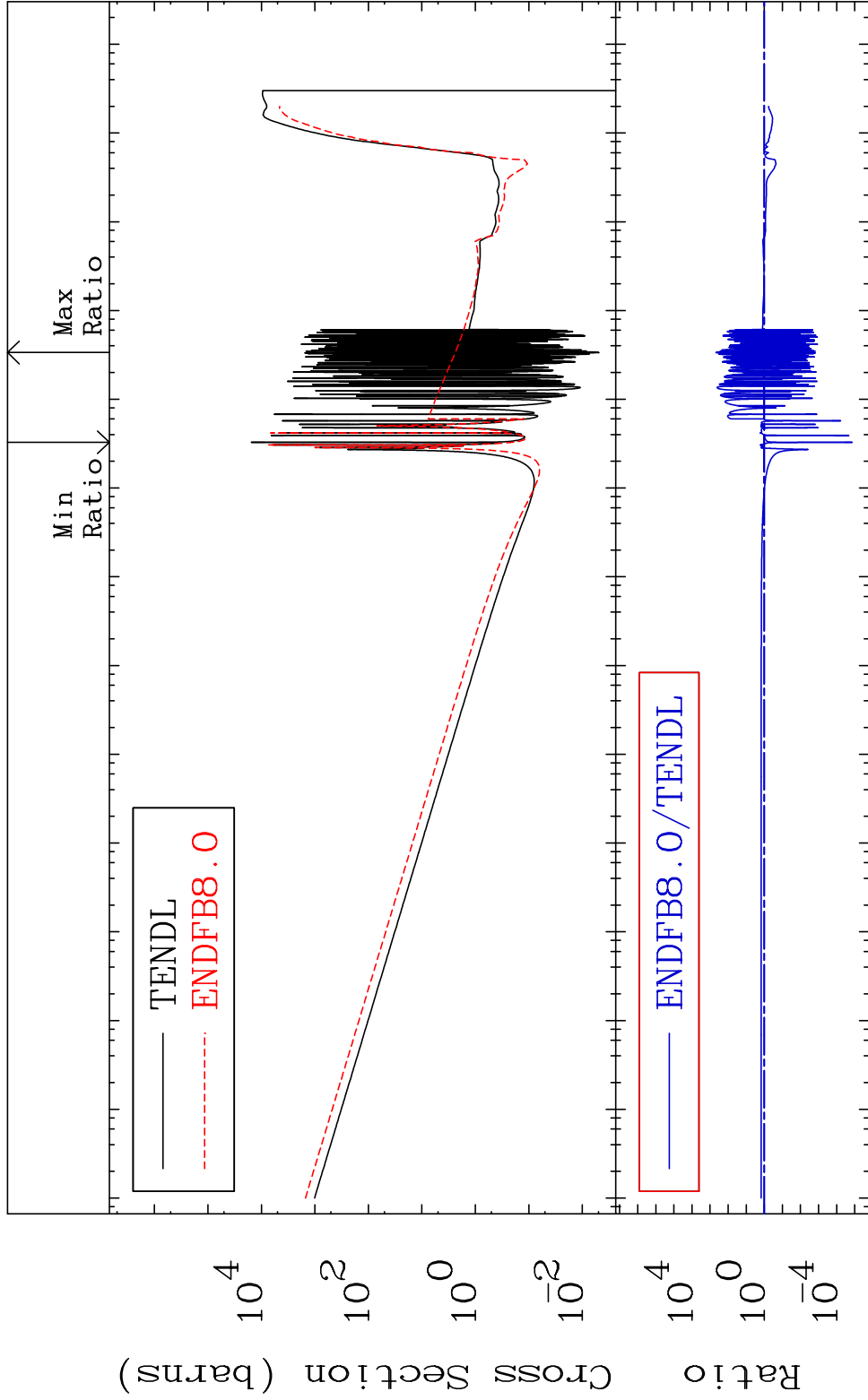
42 Incident Energy (eV) 32-Ge-74







MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74
Cross Section -100.0 To 9999. %



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8
46 Incident Energy (eV) 32-Ge-74