

Program Complot
(Version 2021-1)

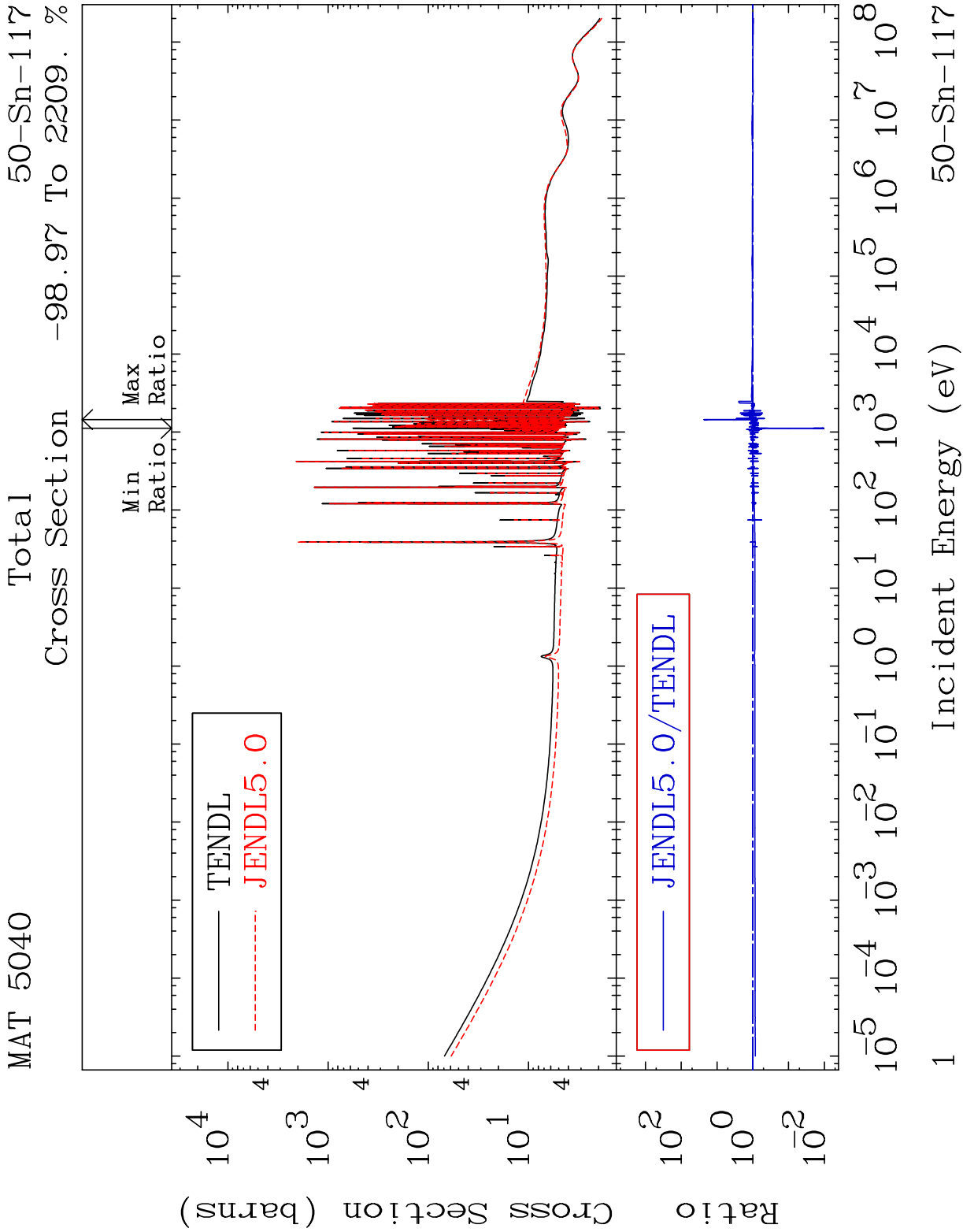
by

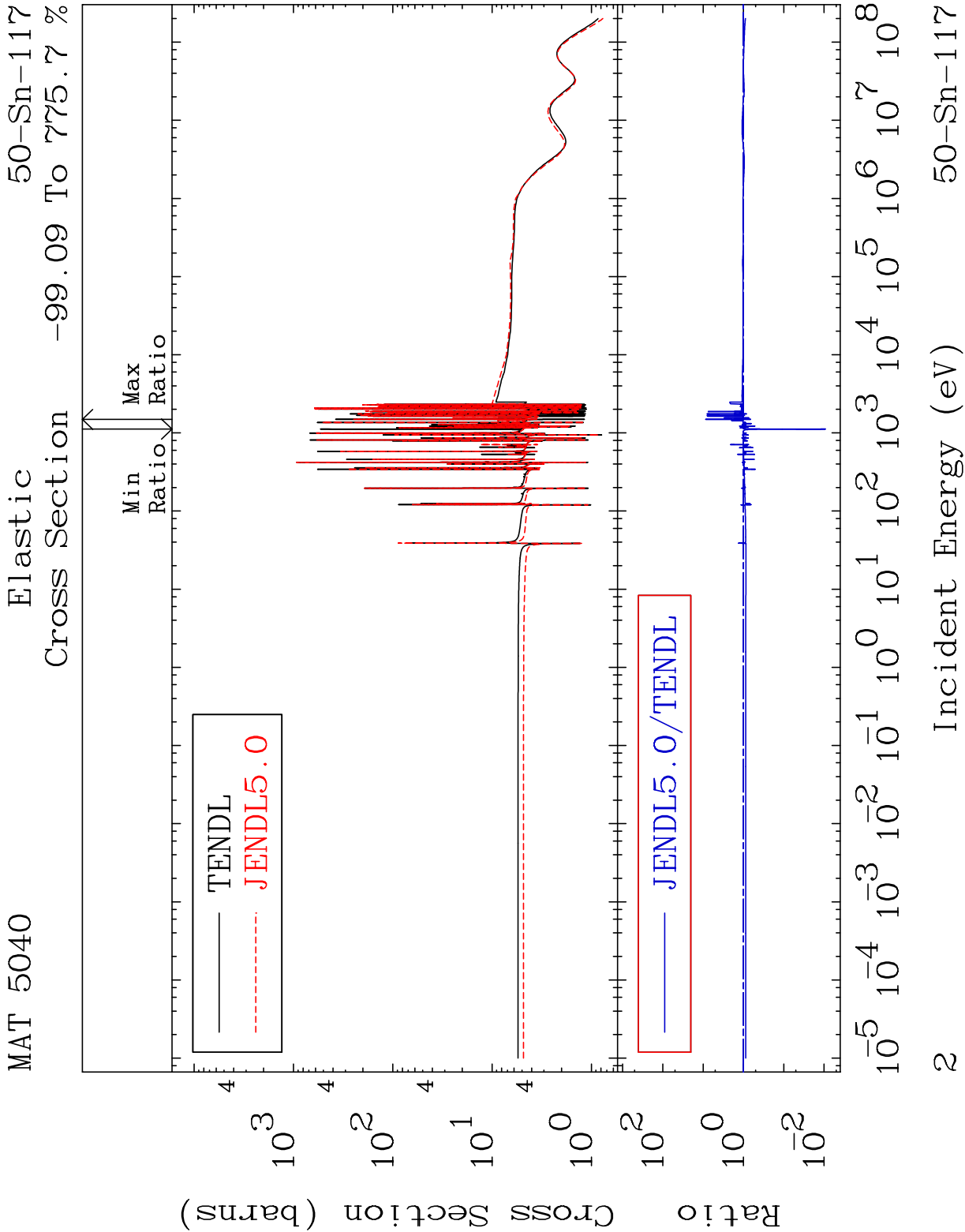
Dermott E. Cullen
(Present Contact Information)

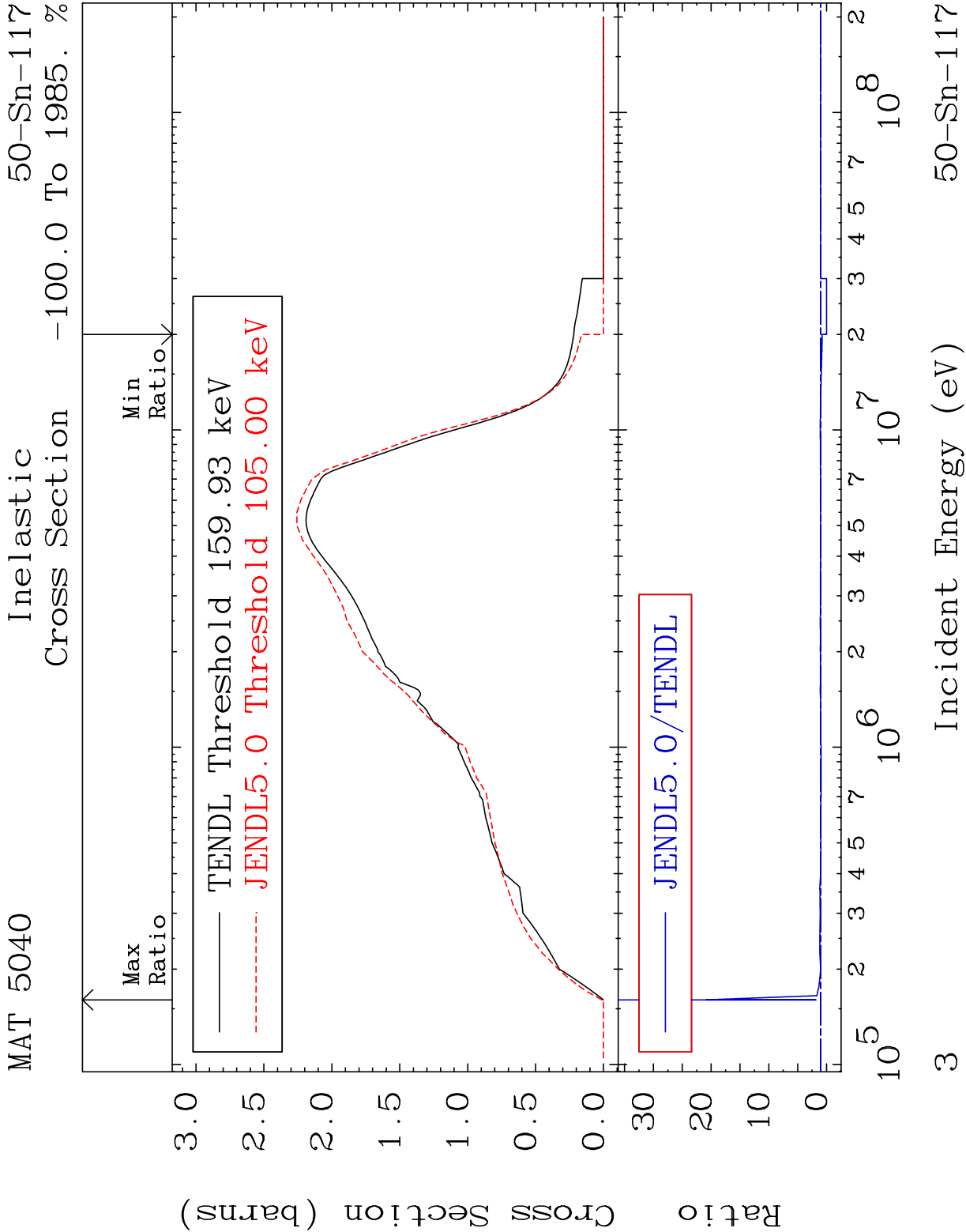
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

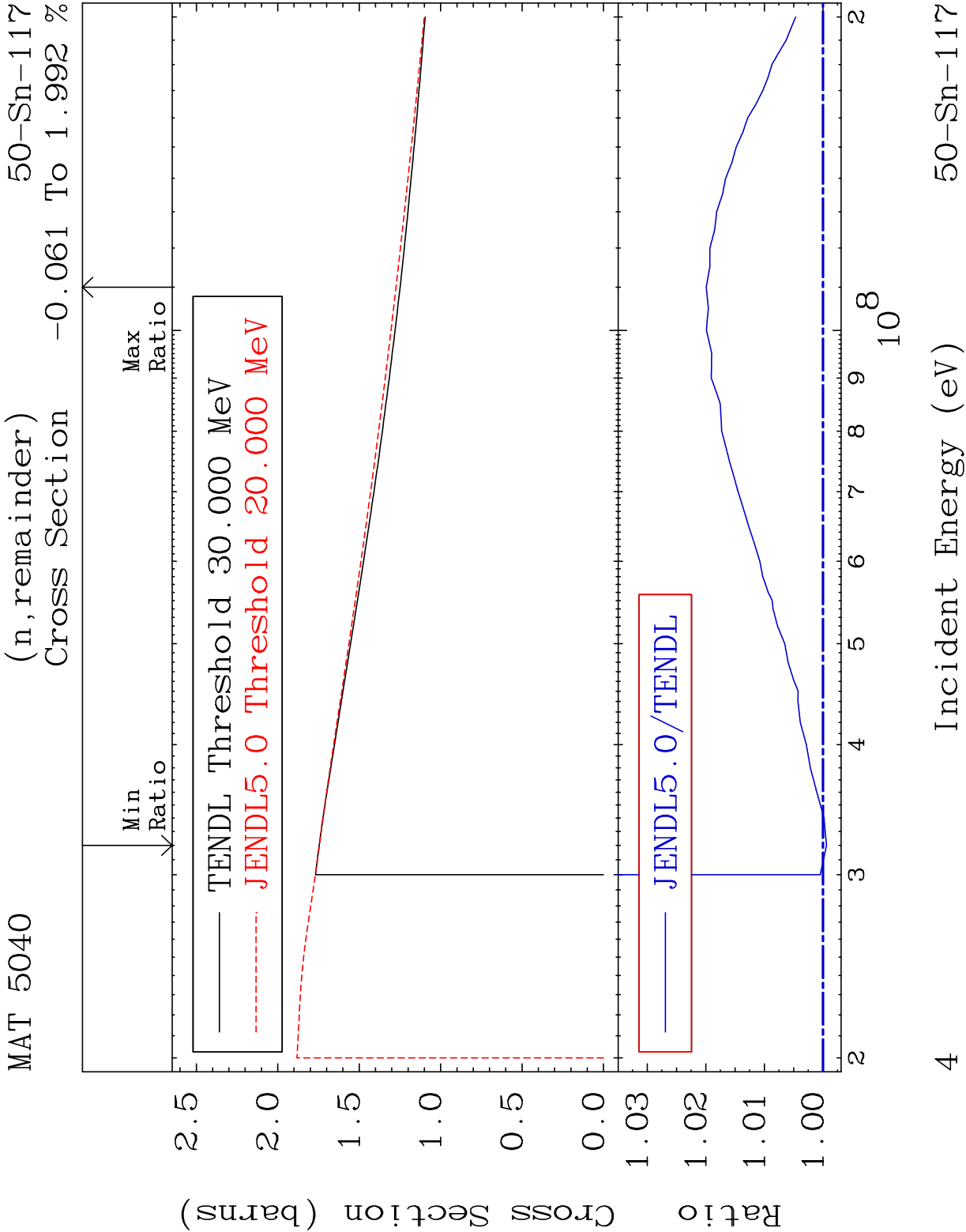
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

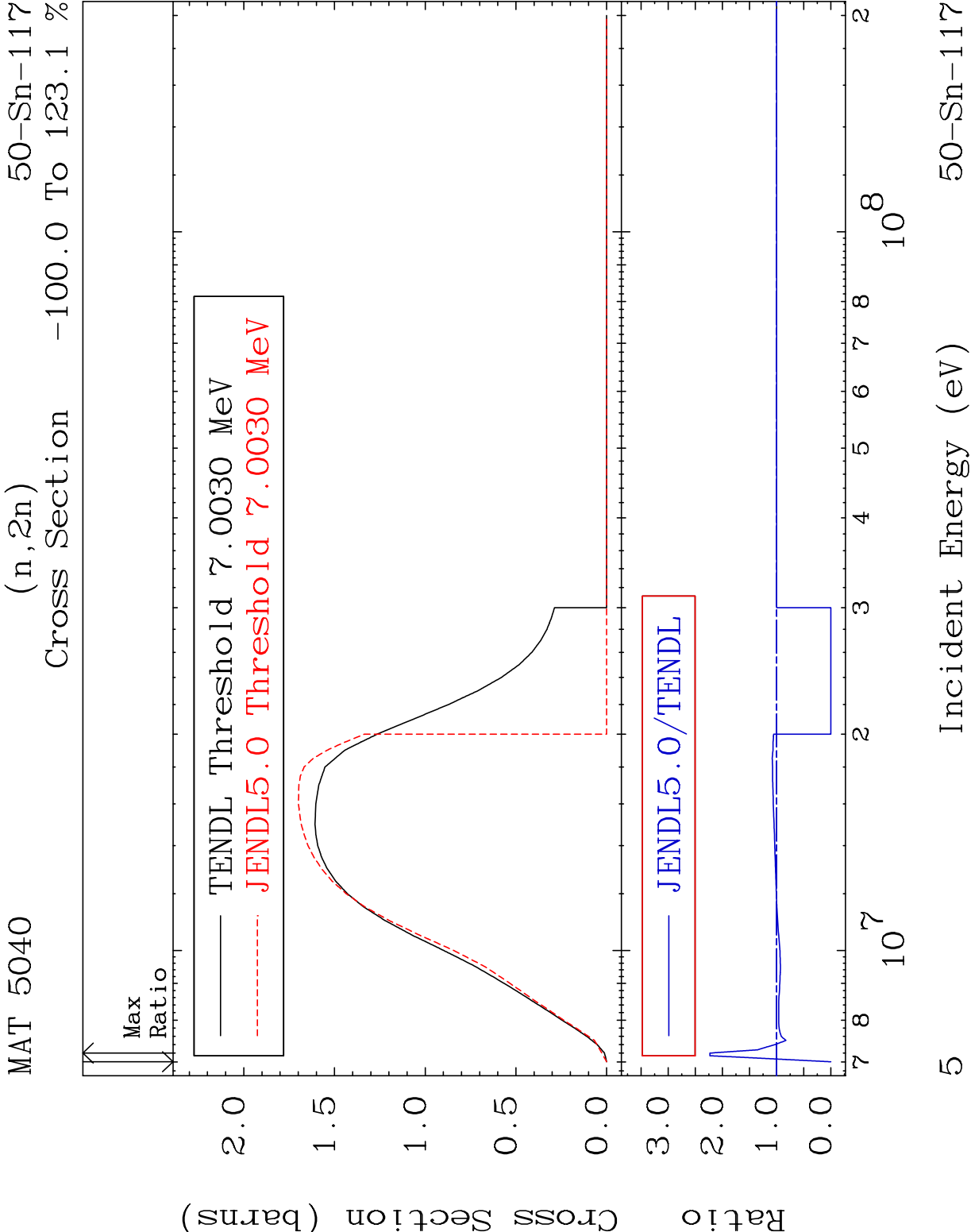
Press Mouse Button to Start

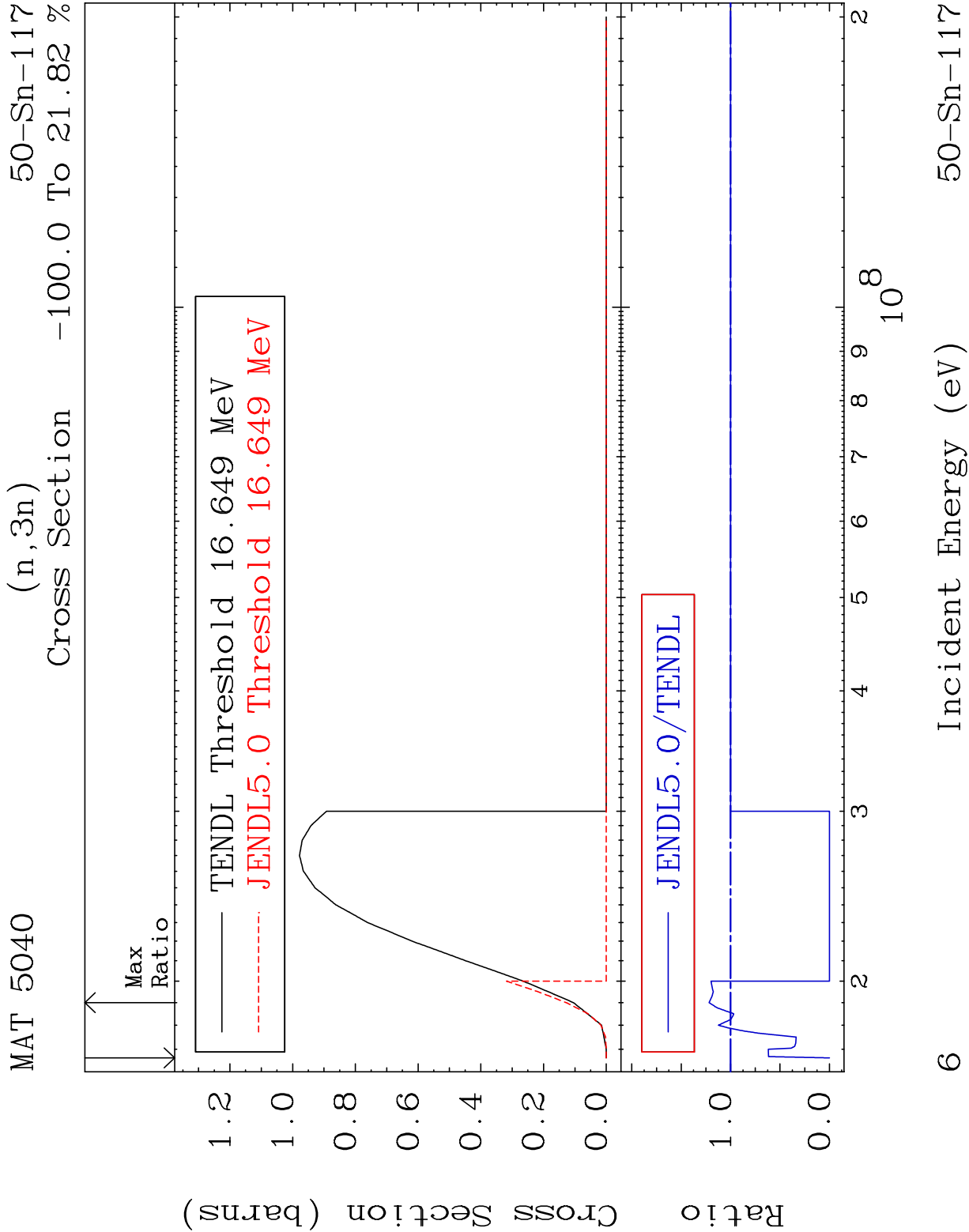


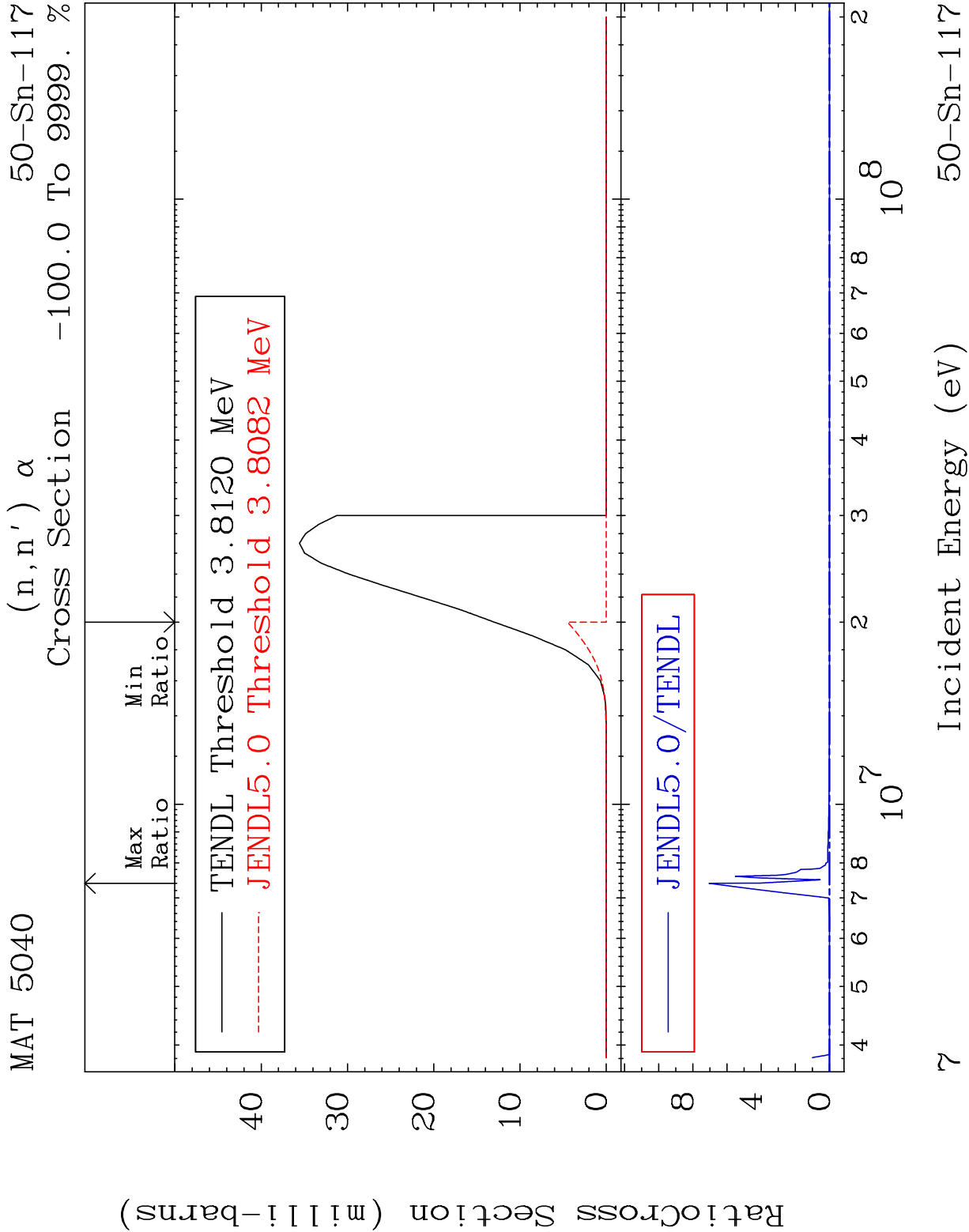


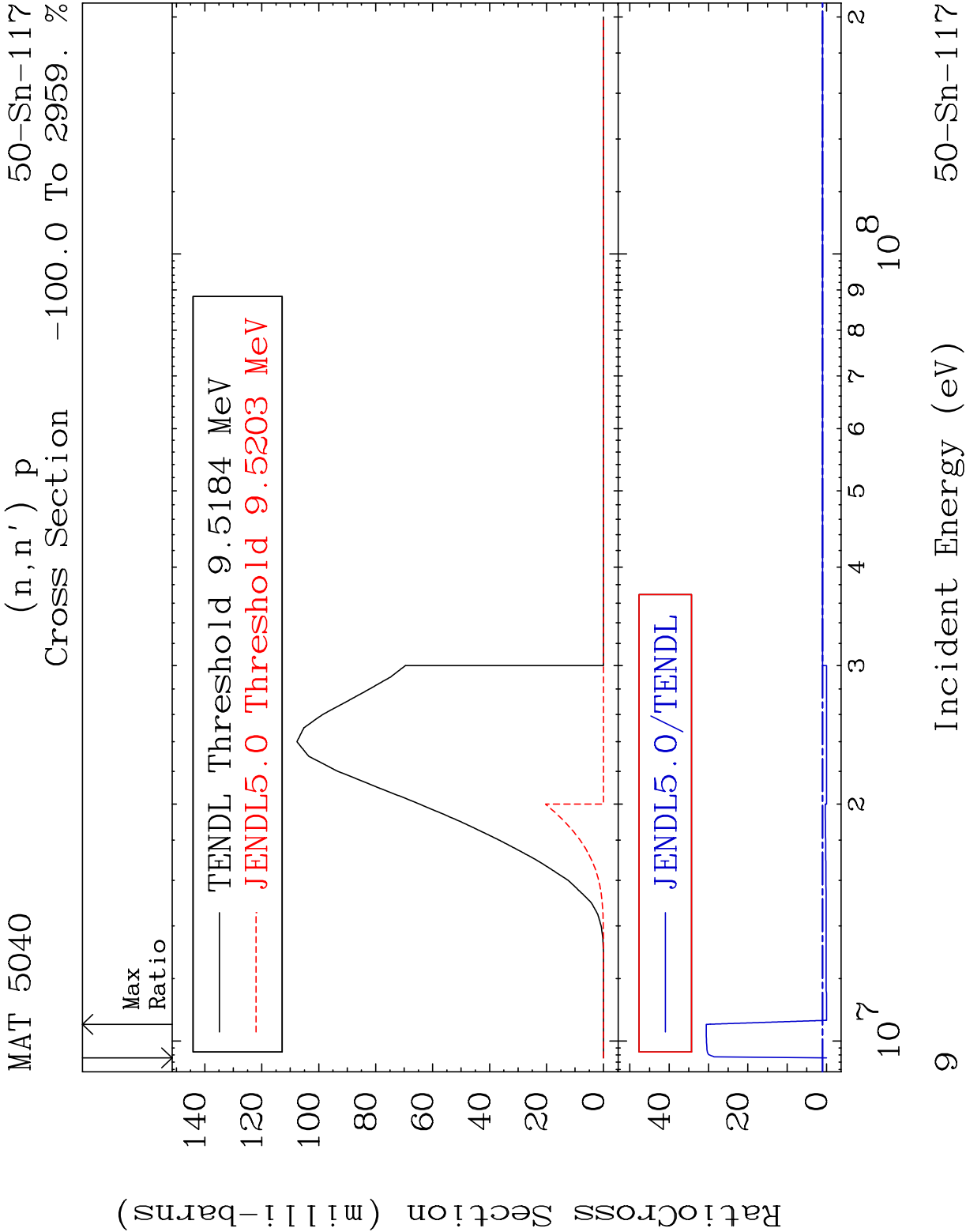










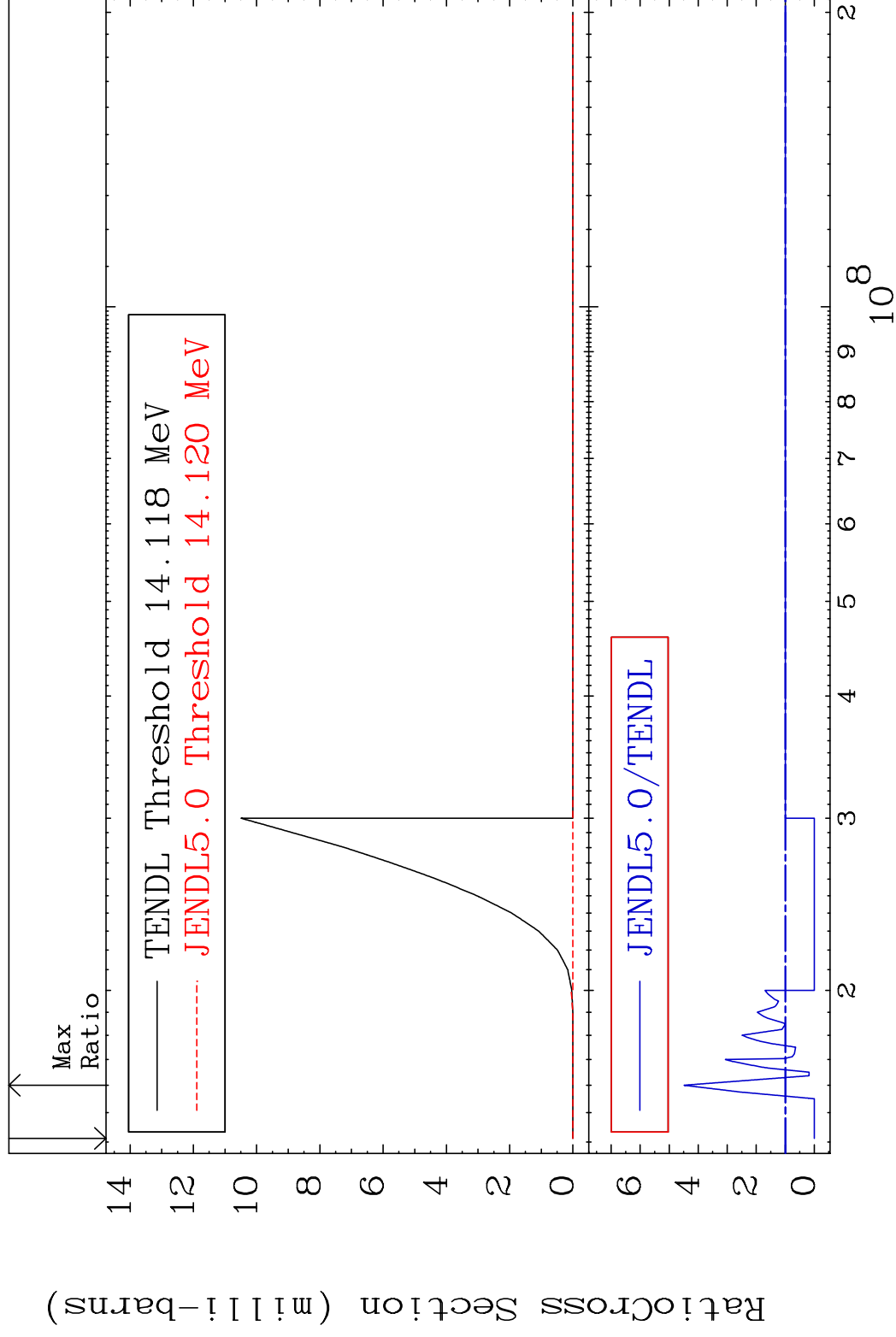


MAT 5040

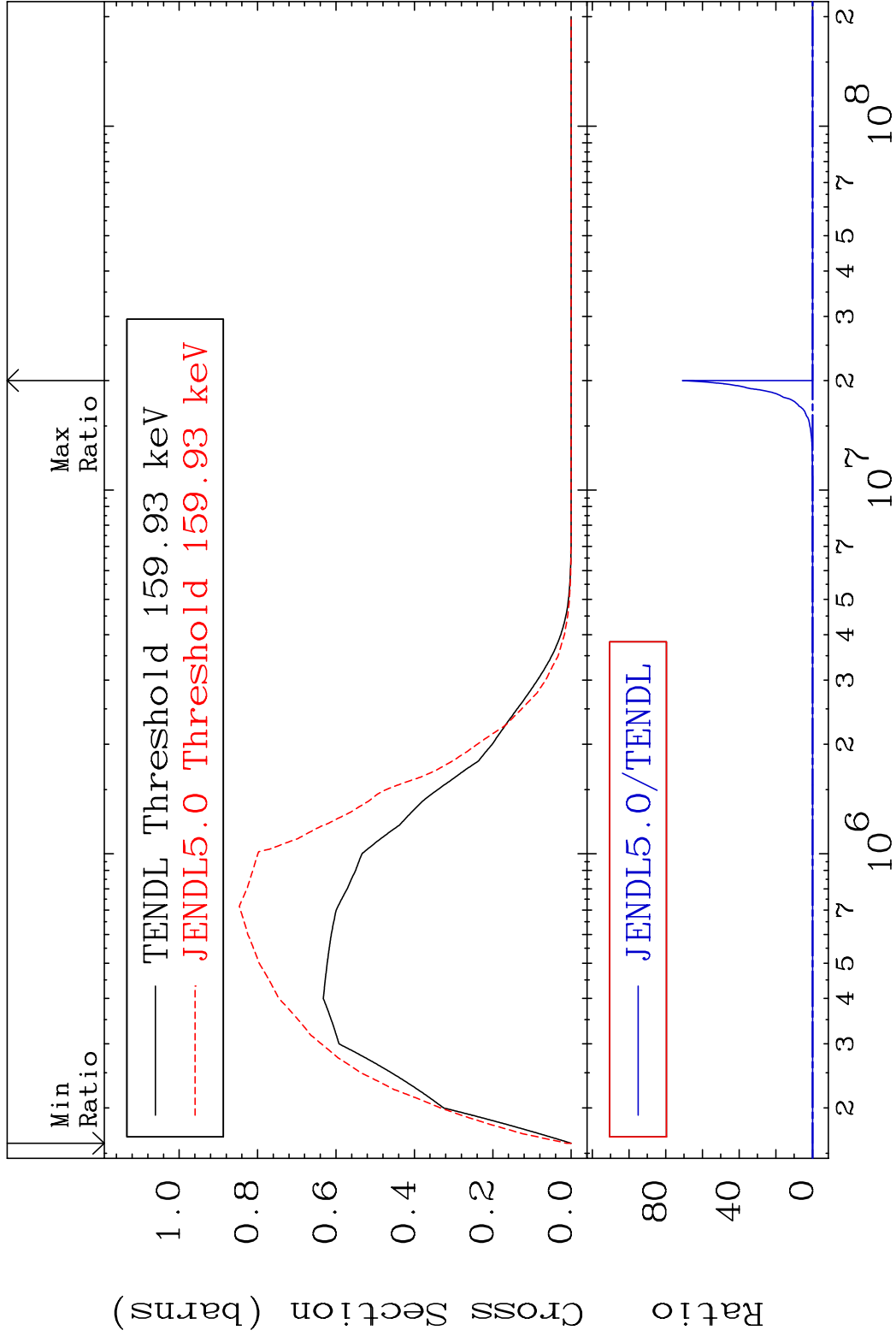
$$(n, n') \text{ d}$$

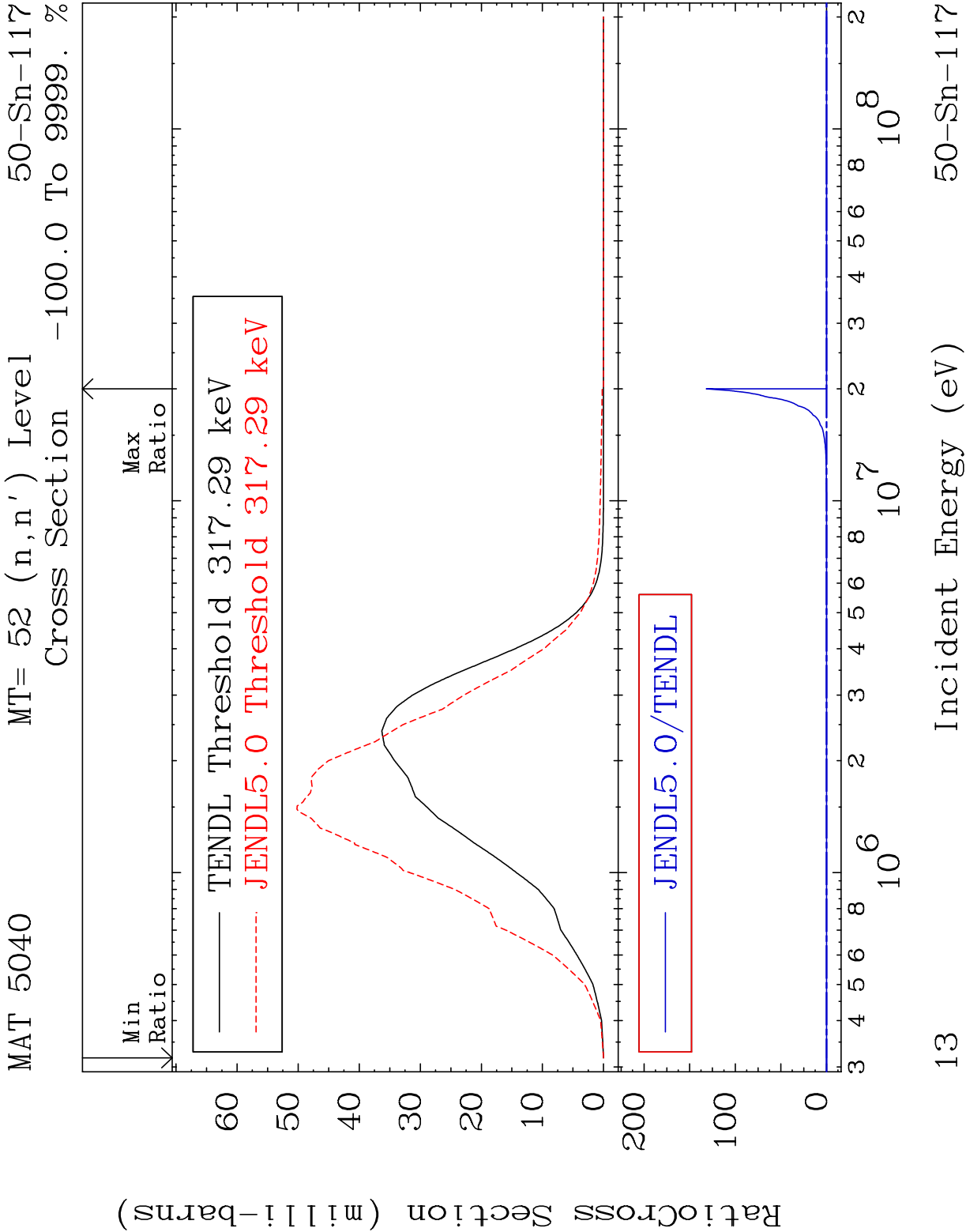
50-Sn-117

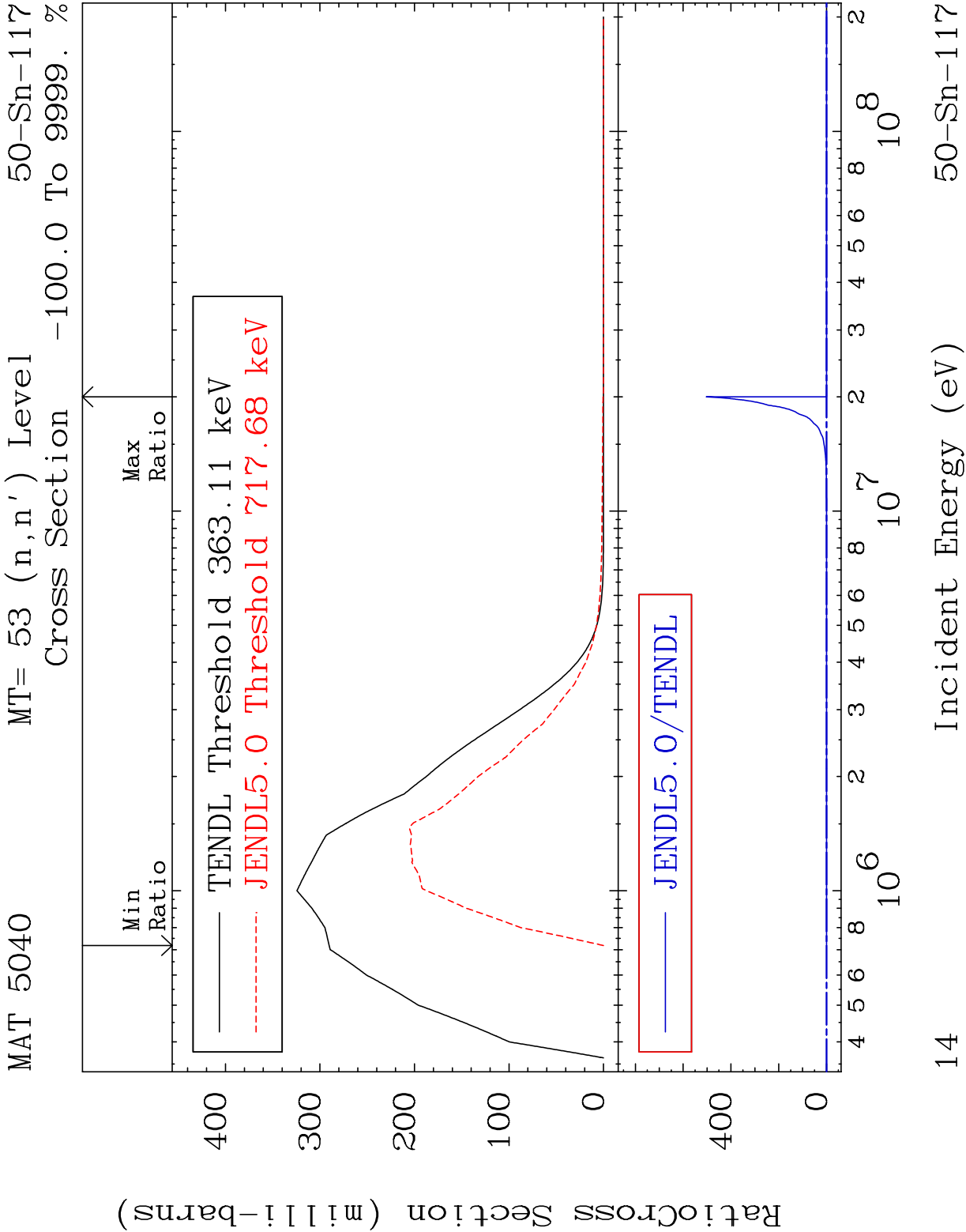
Cross Section -100.0 To 348.7 %

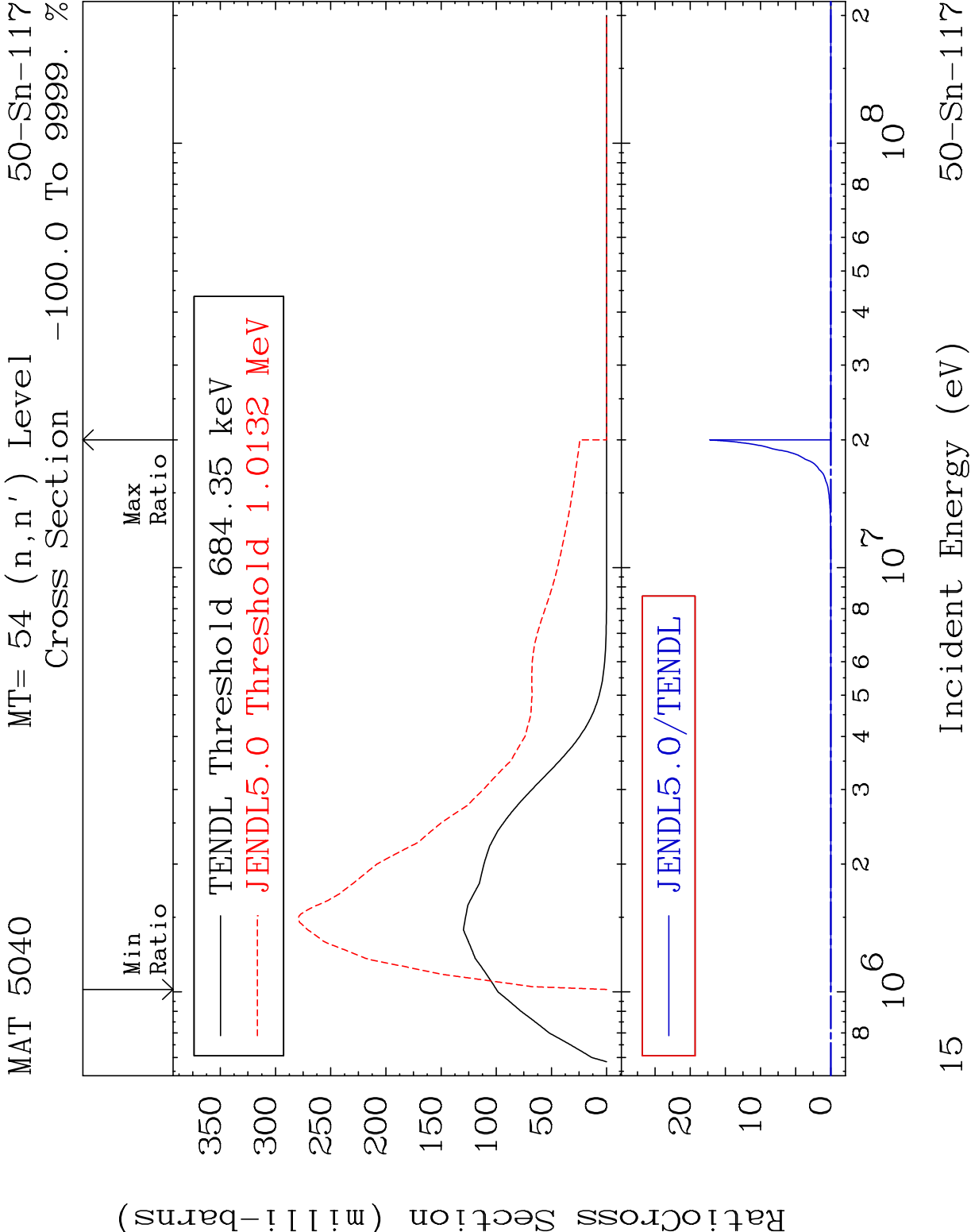


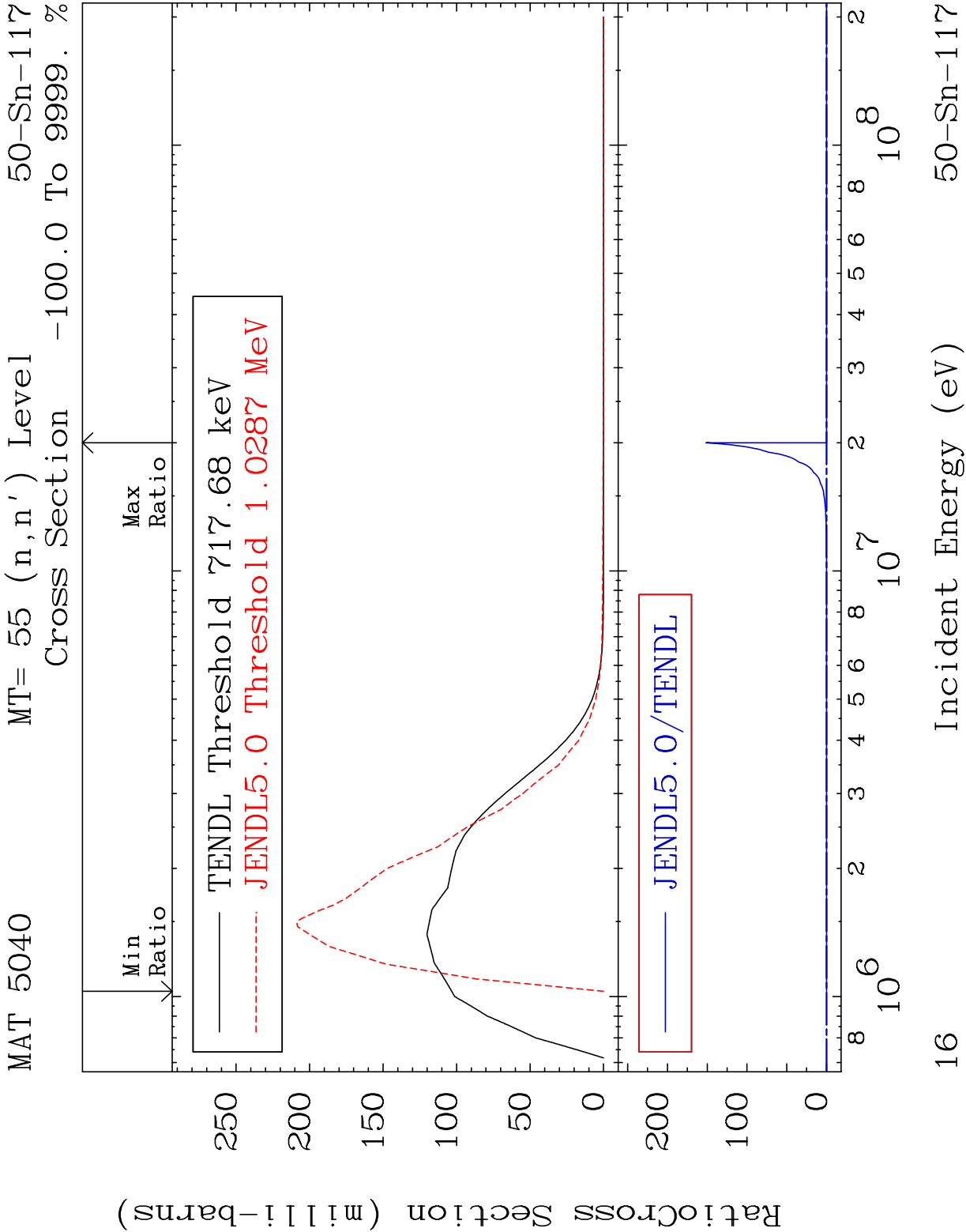
MAT 5040 MT= 51 (n,n') Level 50-Sn-117
Cross Section -100.0 To 9999. %

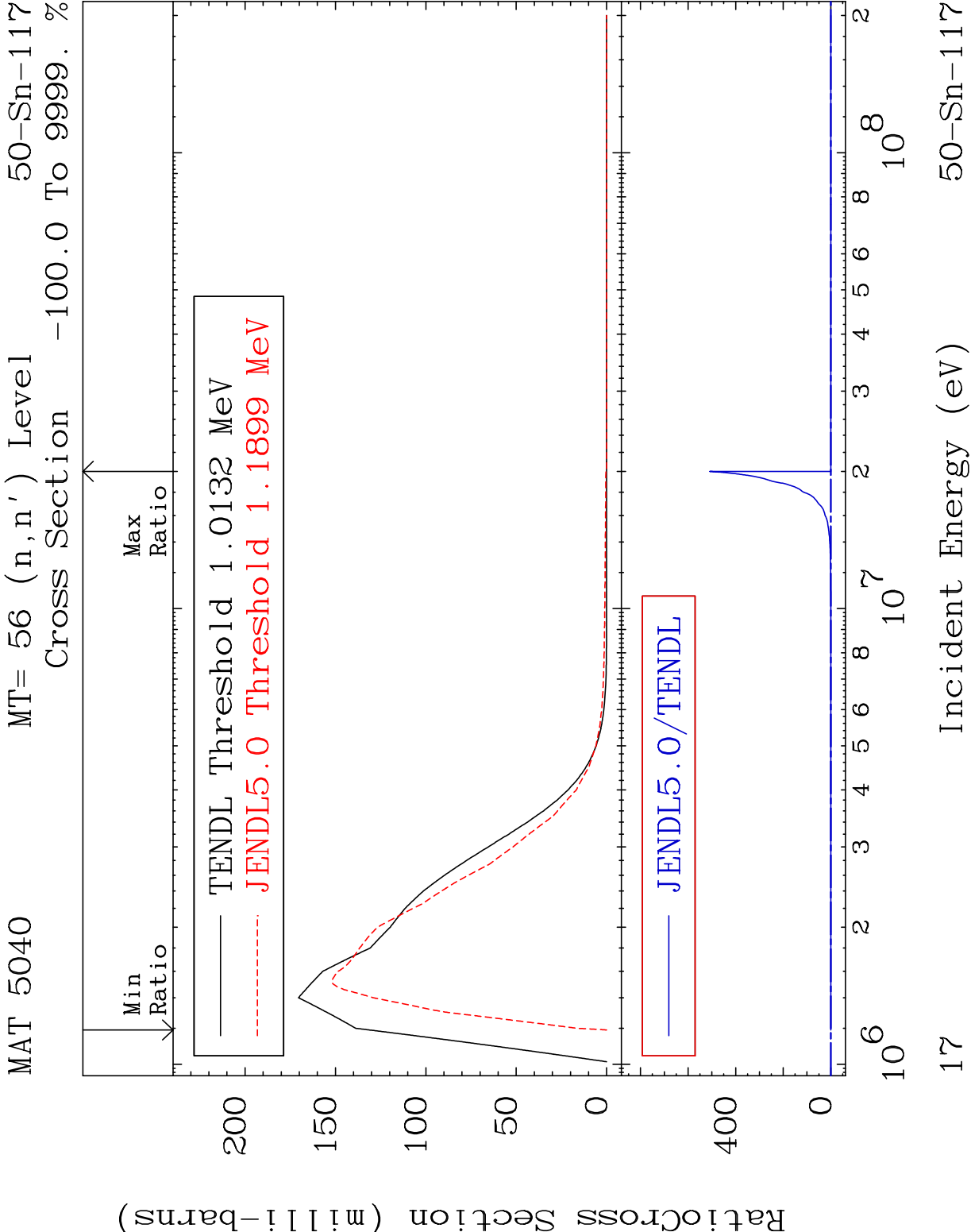


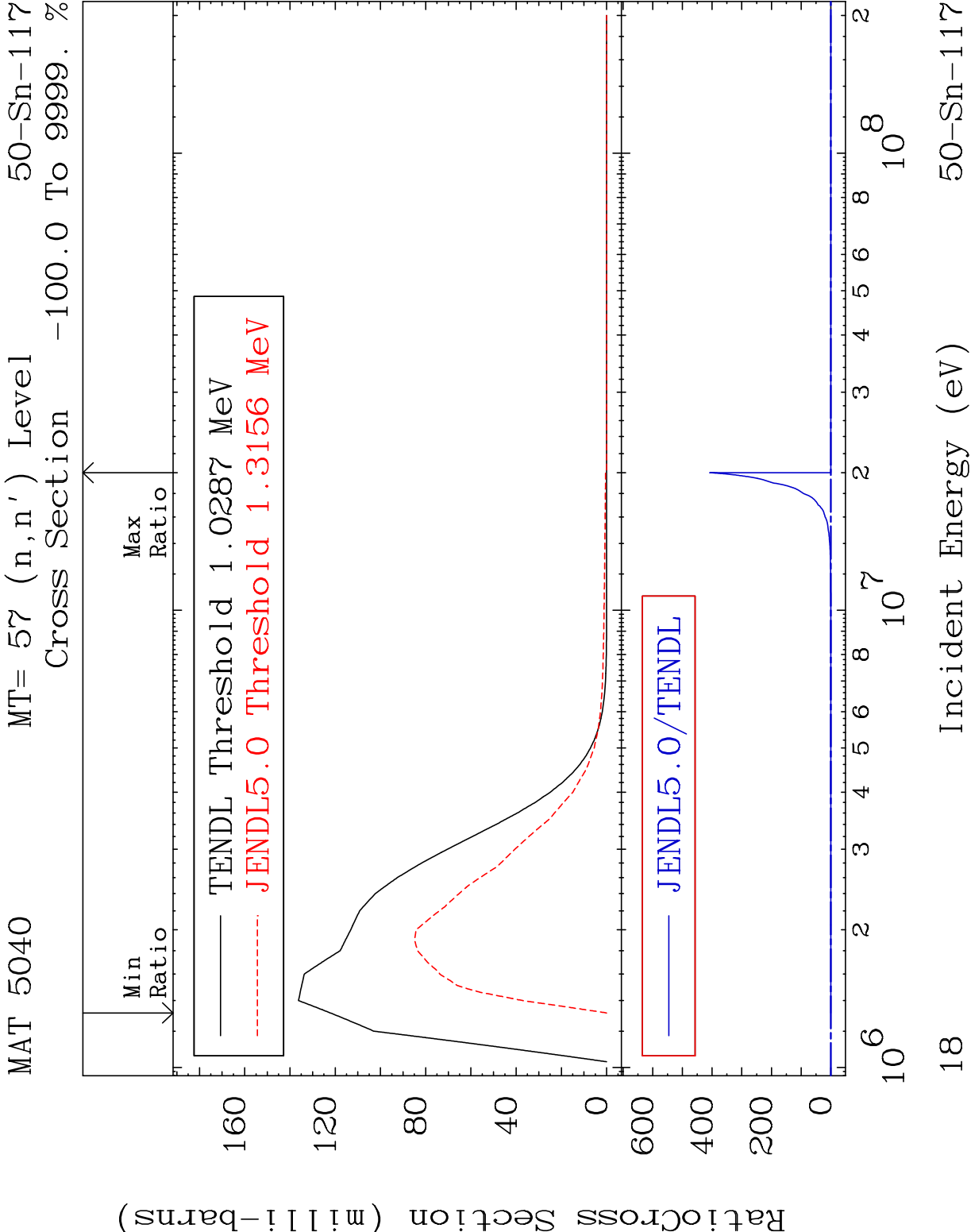


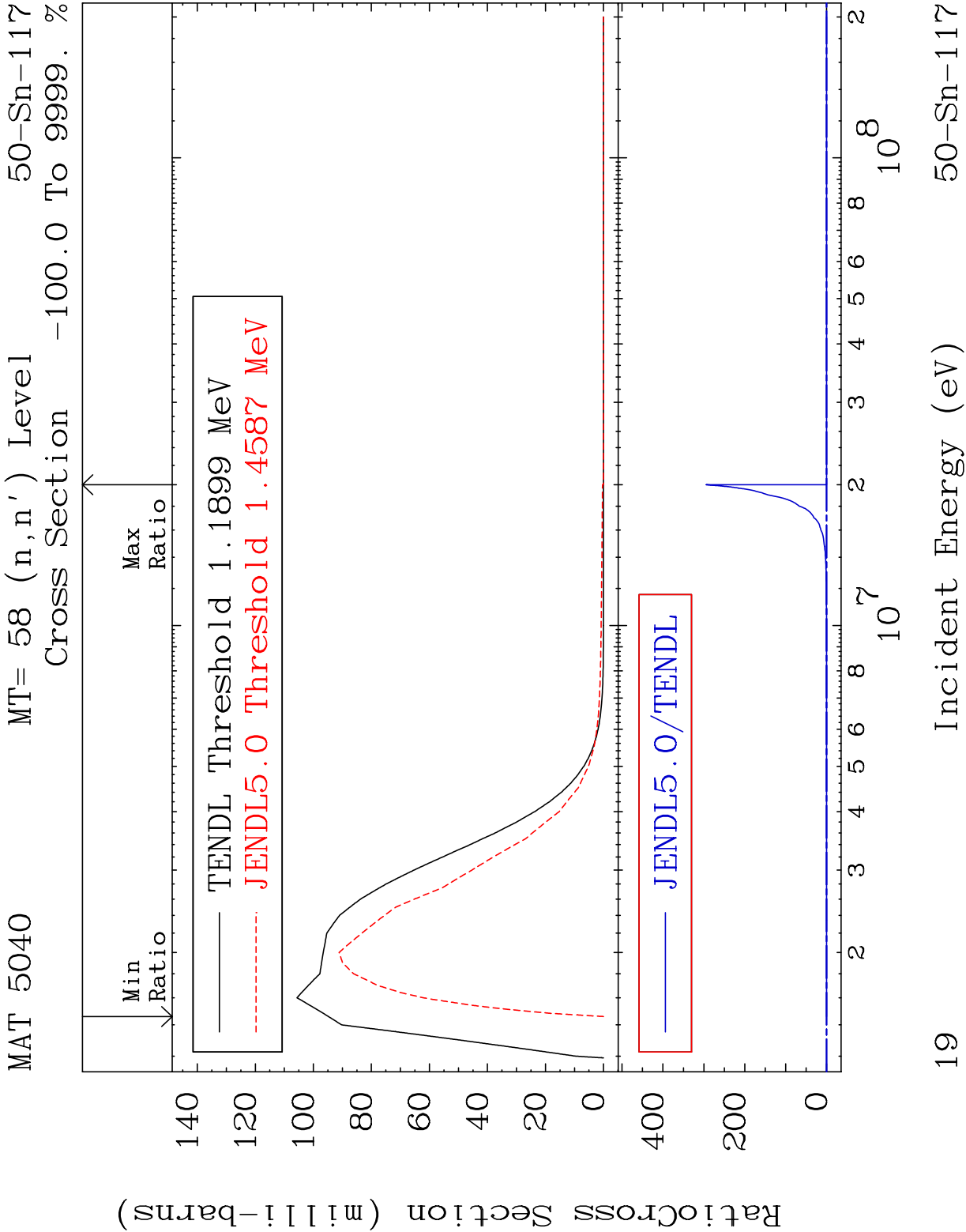




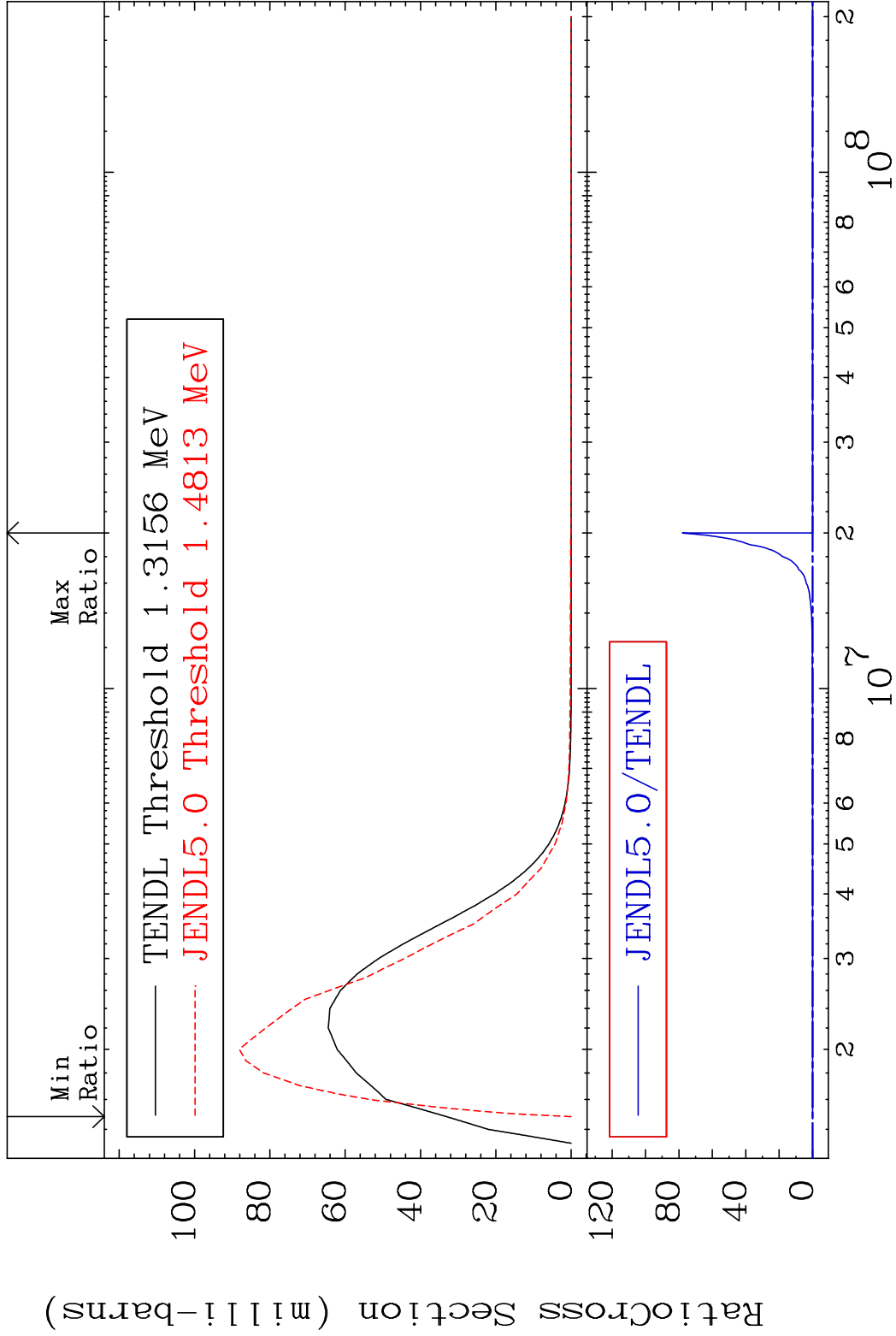


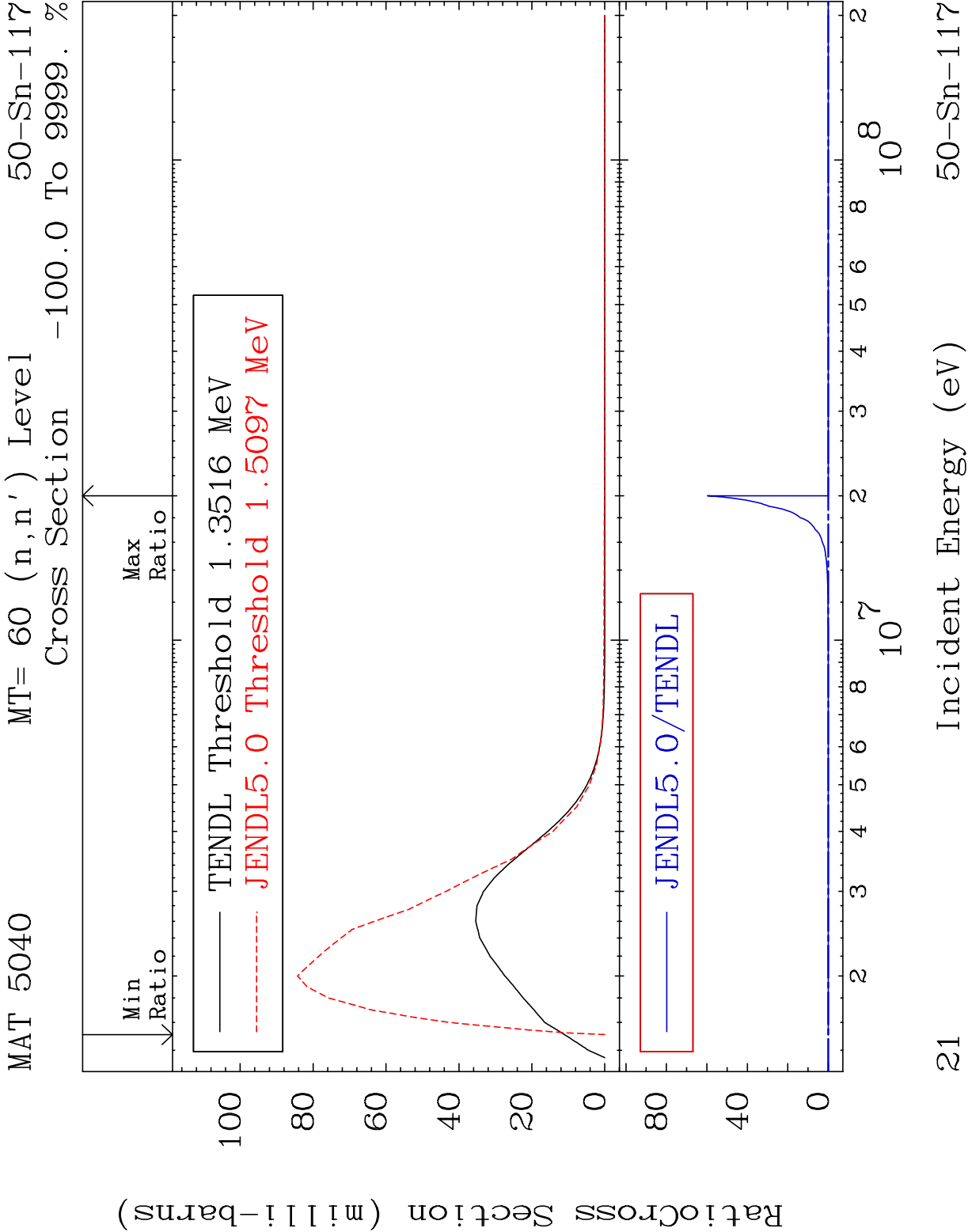


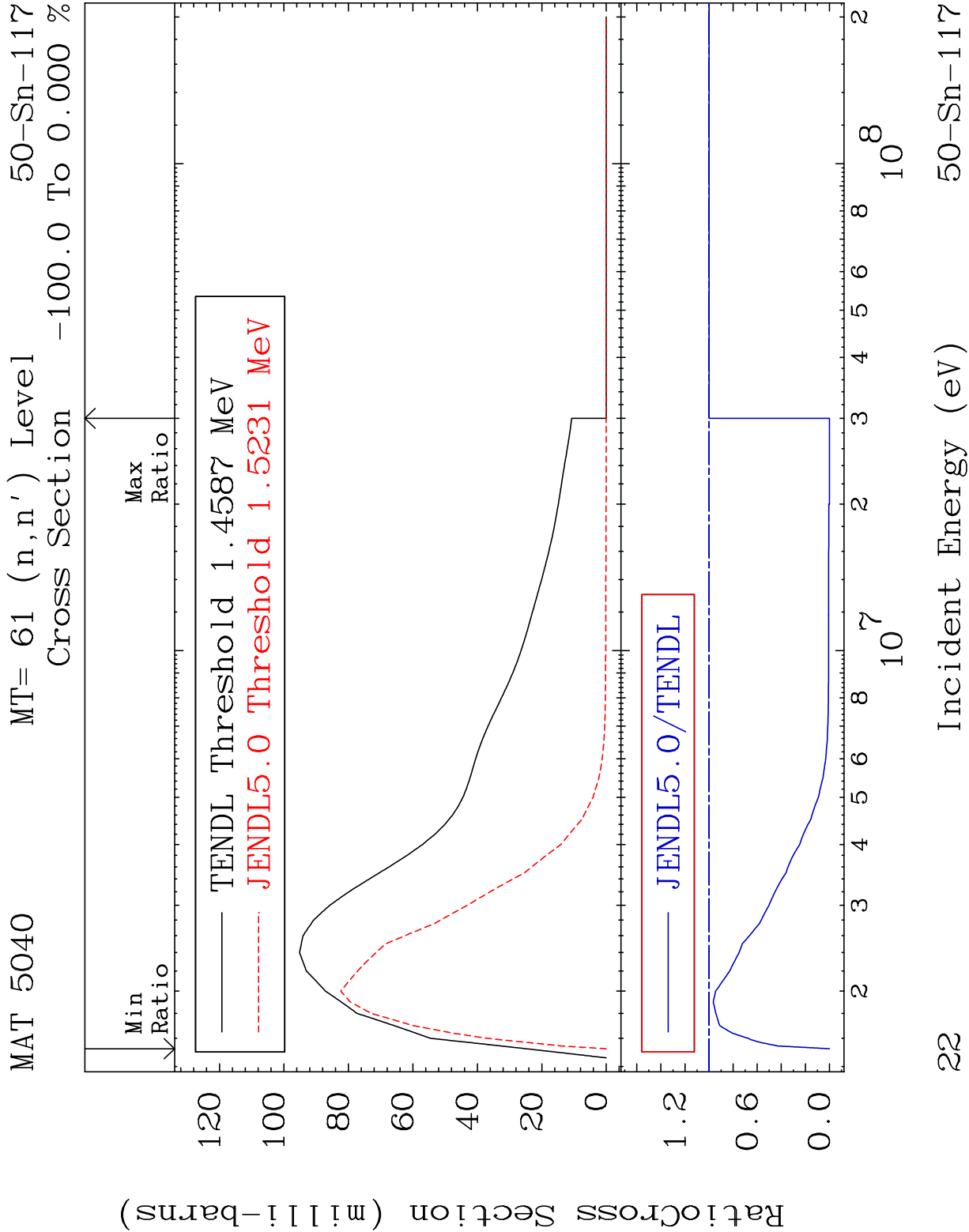




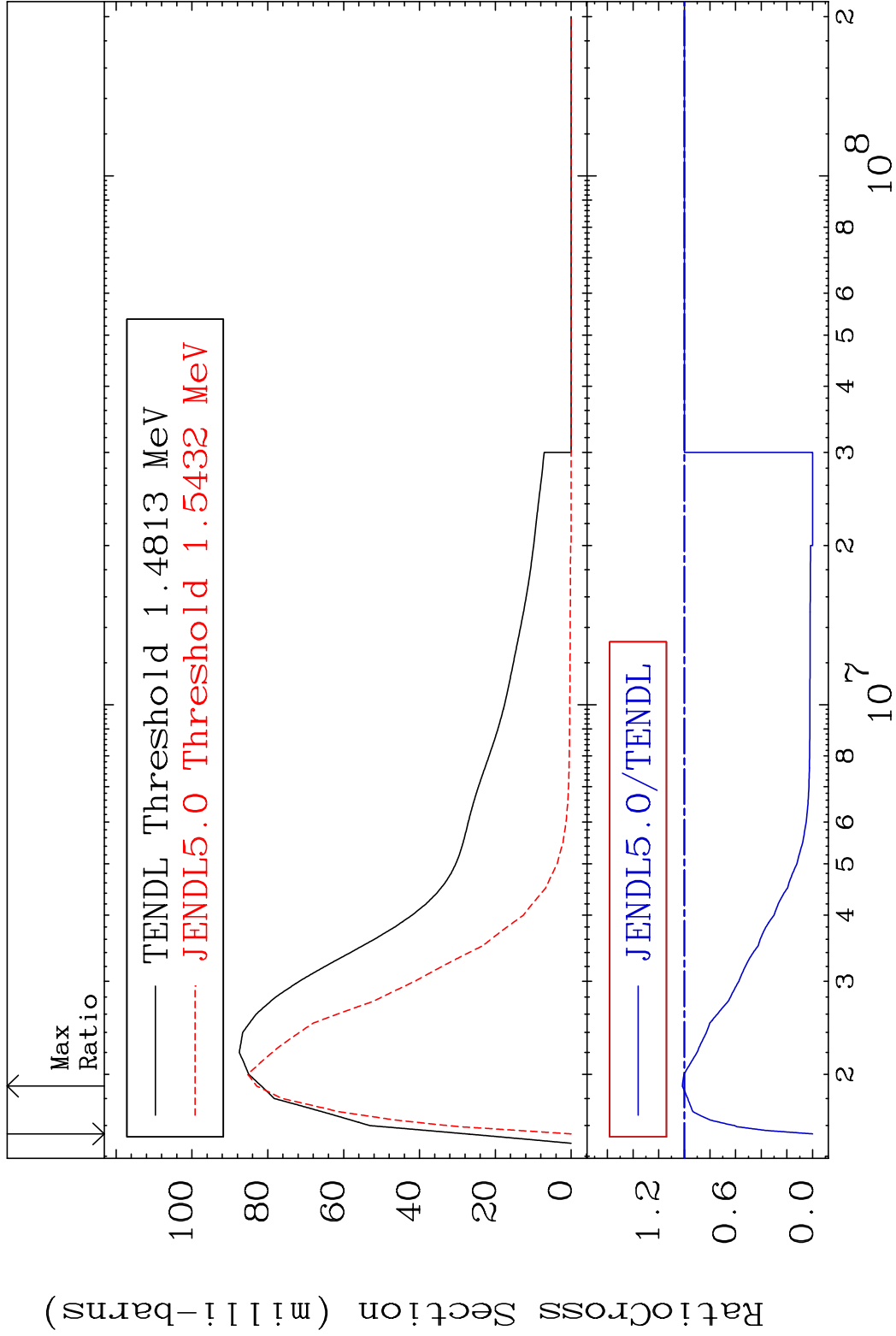
MAT 5040 MT= 59 (n,n') Level 50-Sn-117
Cross Section -100.0 To 9999. %

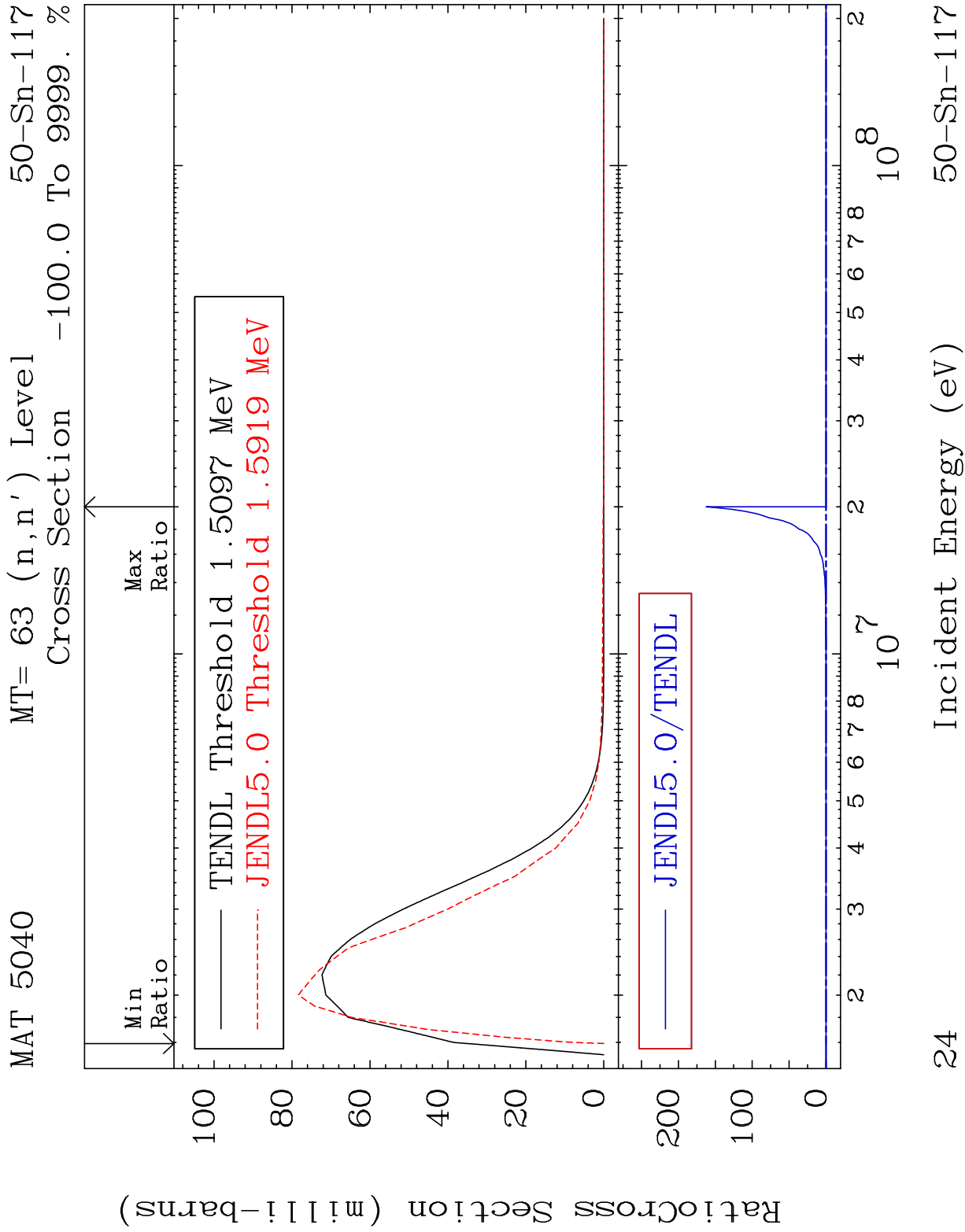




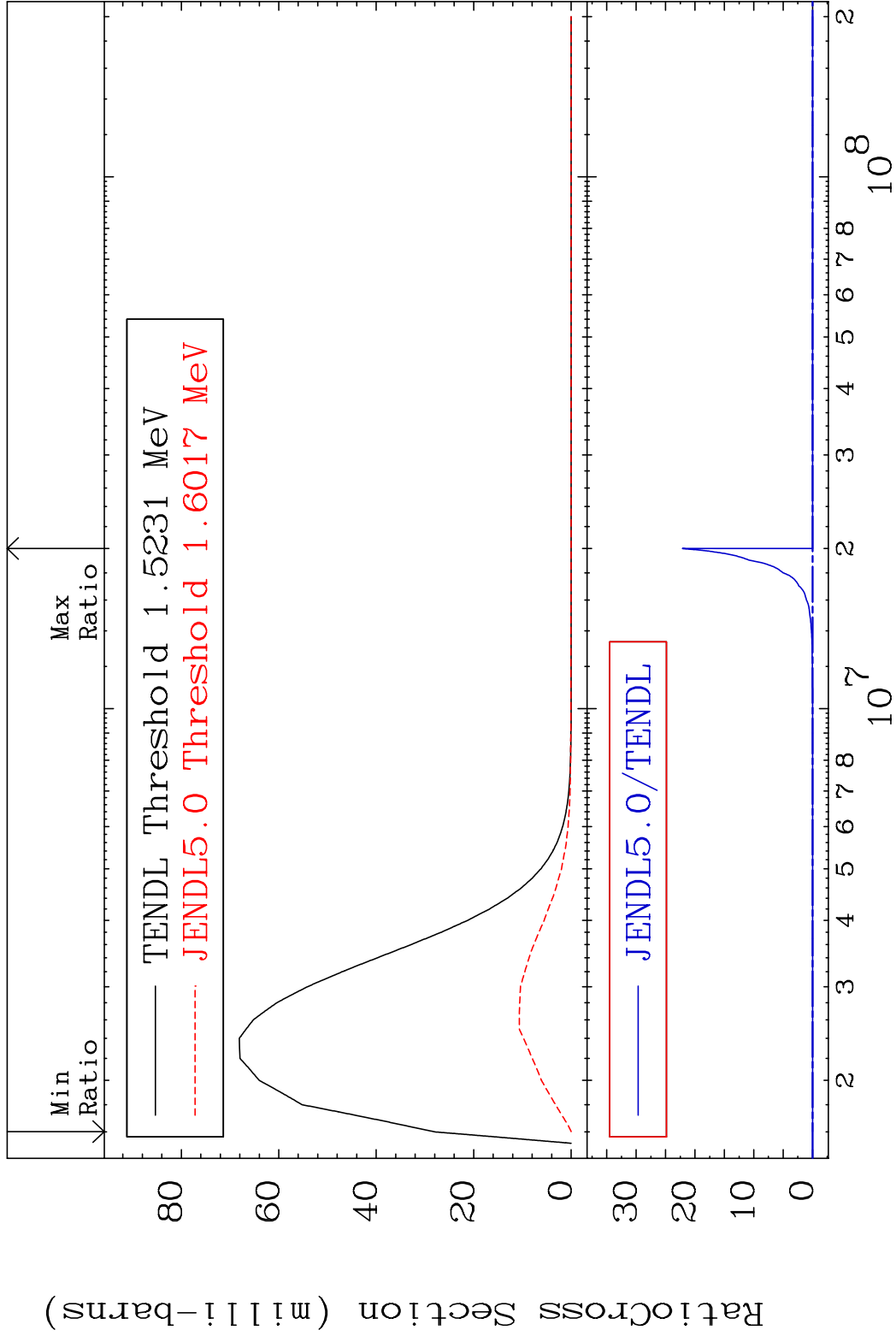


MAT 5040 MT= 62 (n,n') Level 50-Sn-117
Cross Section -100.0 To 1.539 %





MAT 5040 MT= 64 (n,n') Level 50-Sn-117
Cross Section -100.0 To 9999. %



MAT 5040

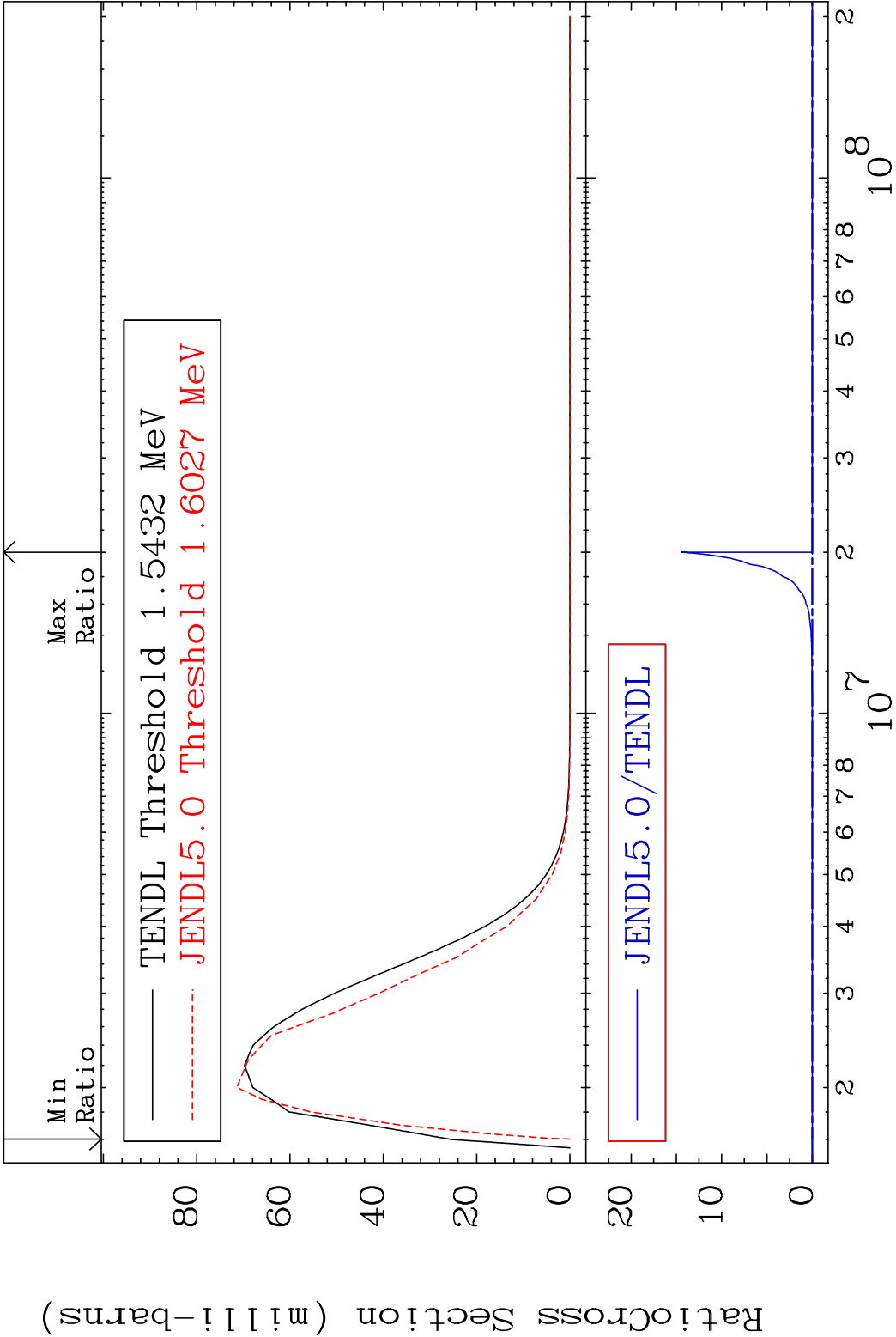
MT= 65 (n,n')

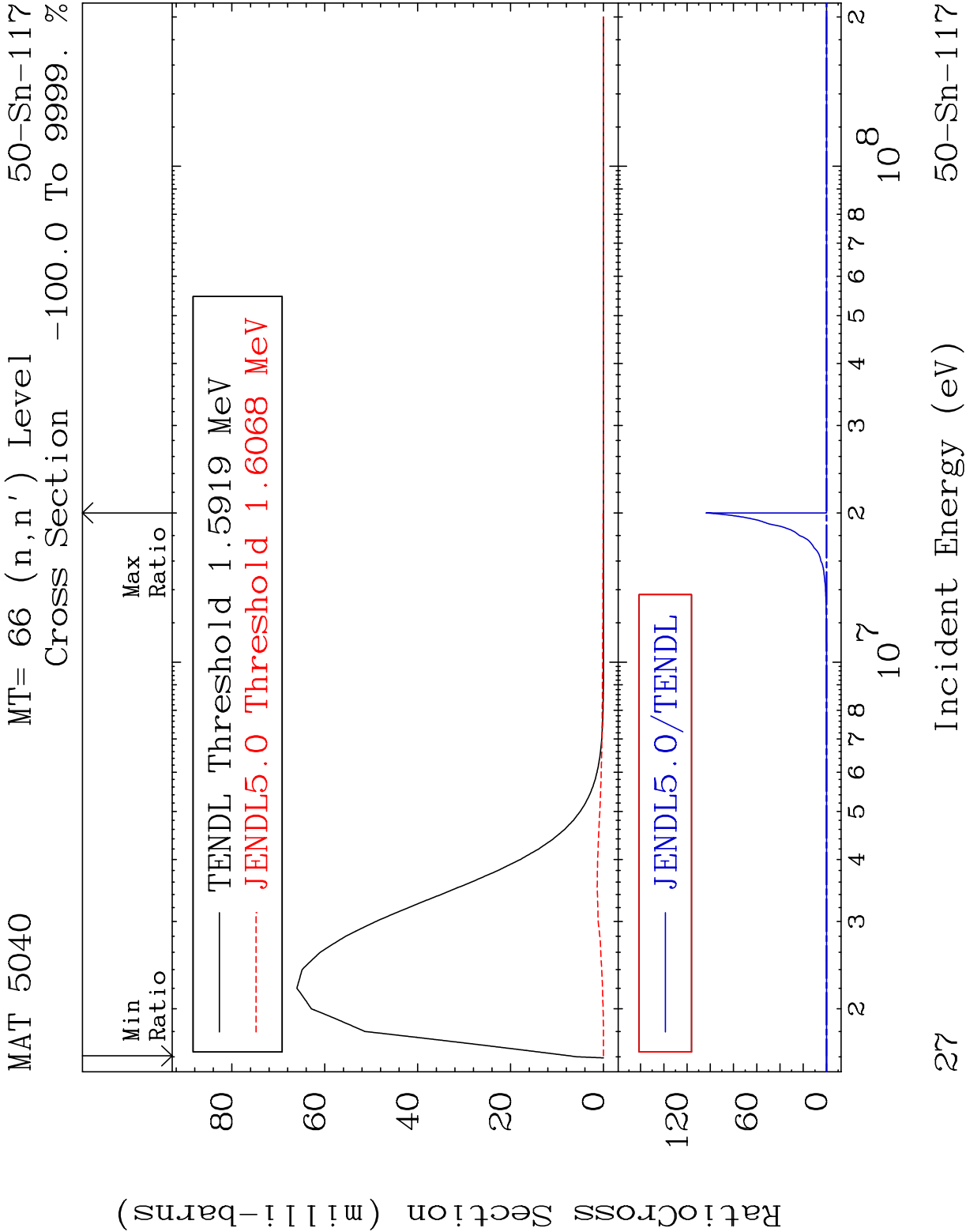
Level

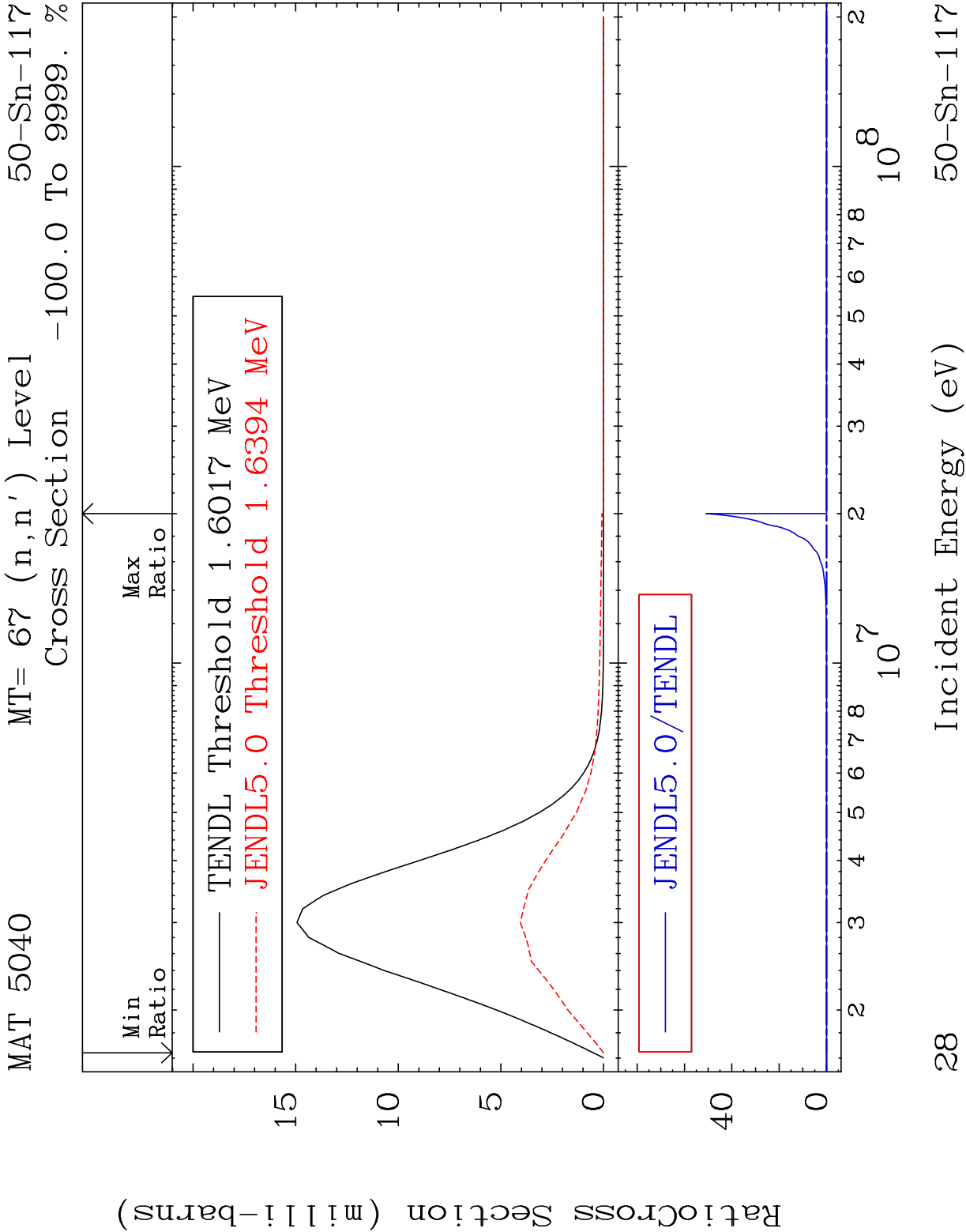
50-Sn-117

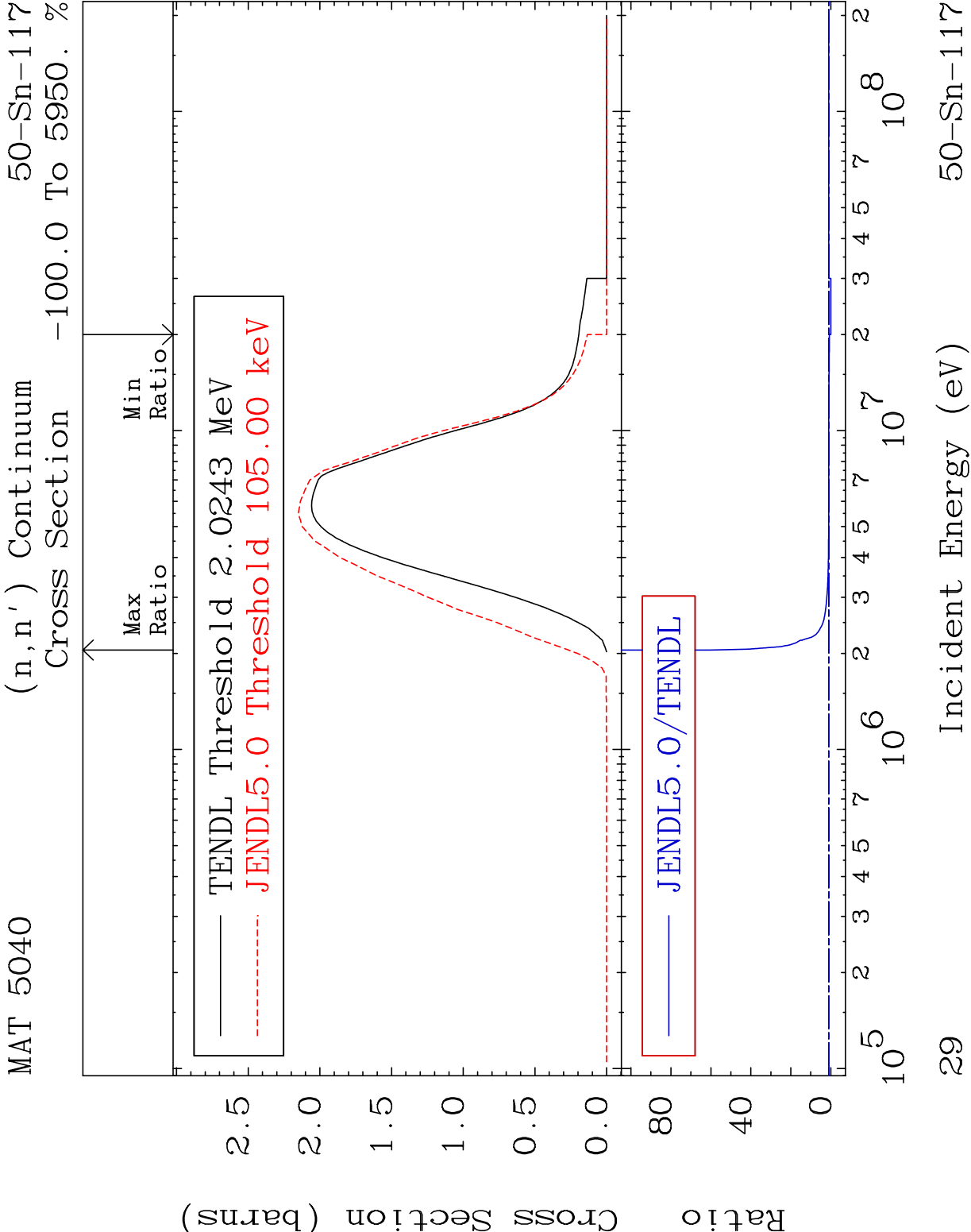
Cross Section

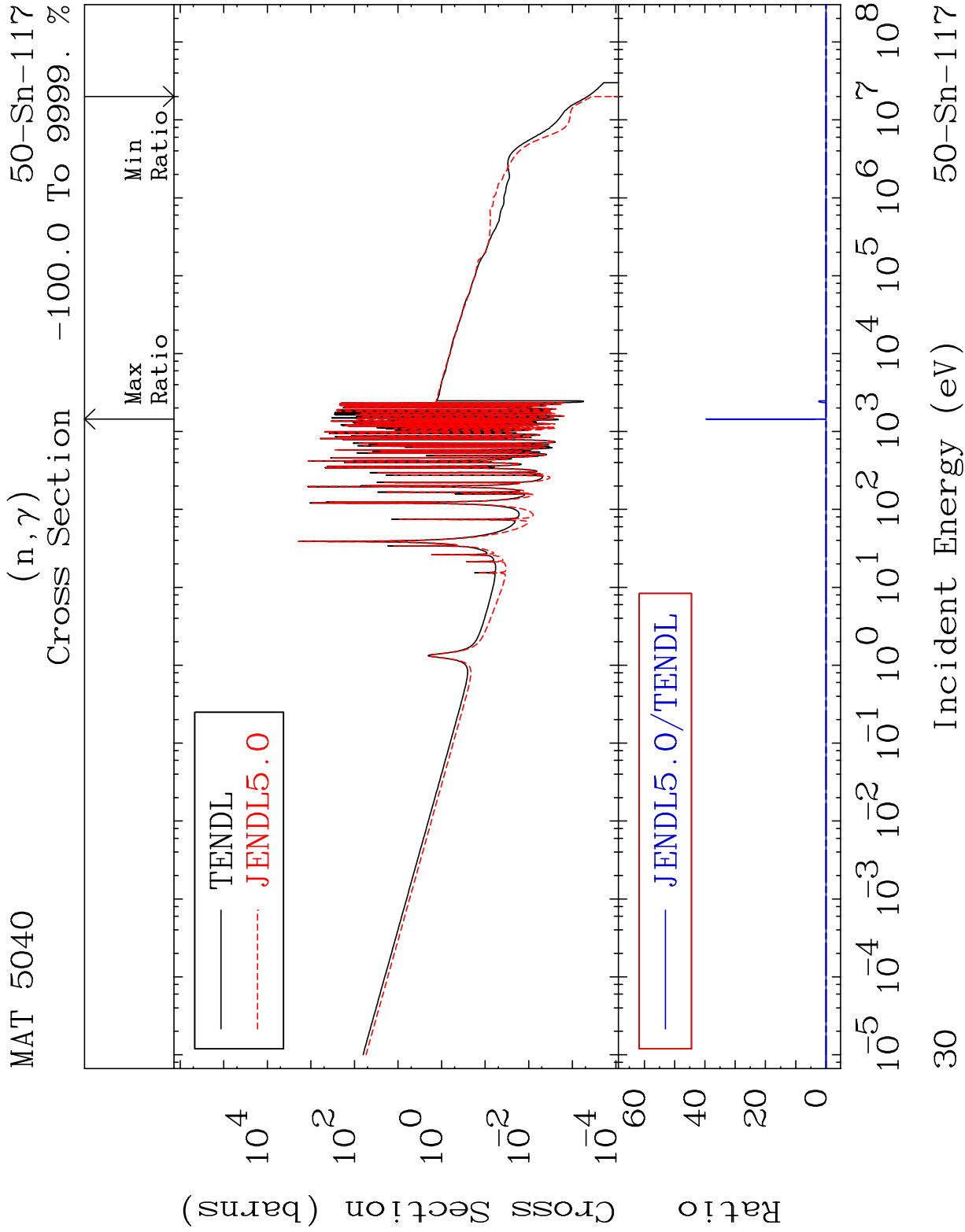
-100.0 To 9999. %

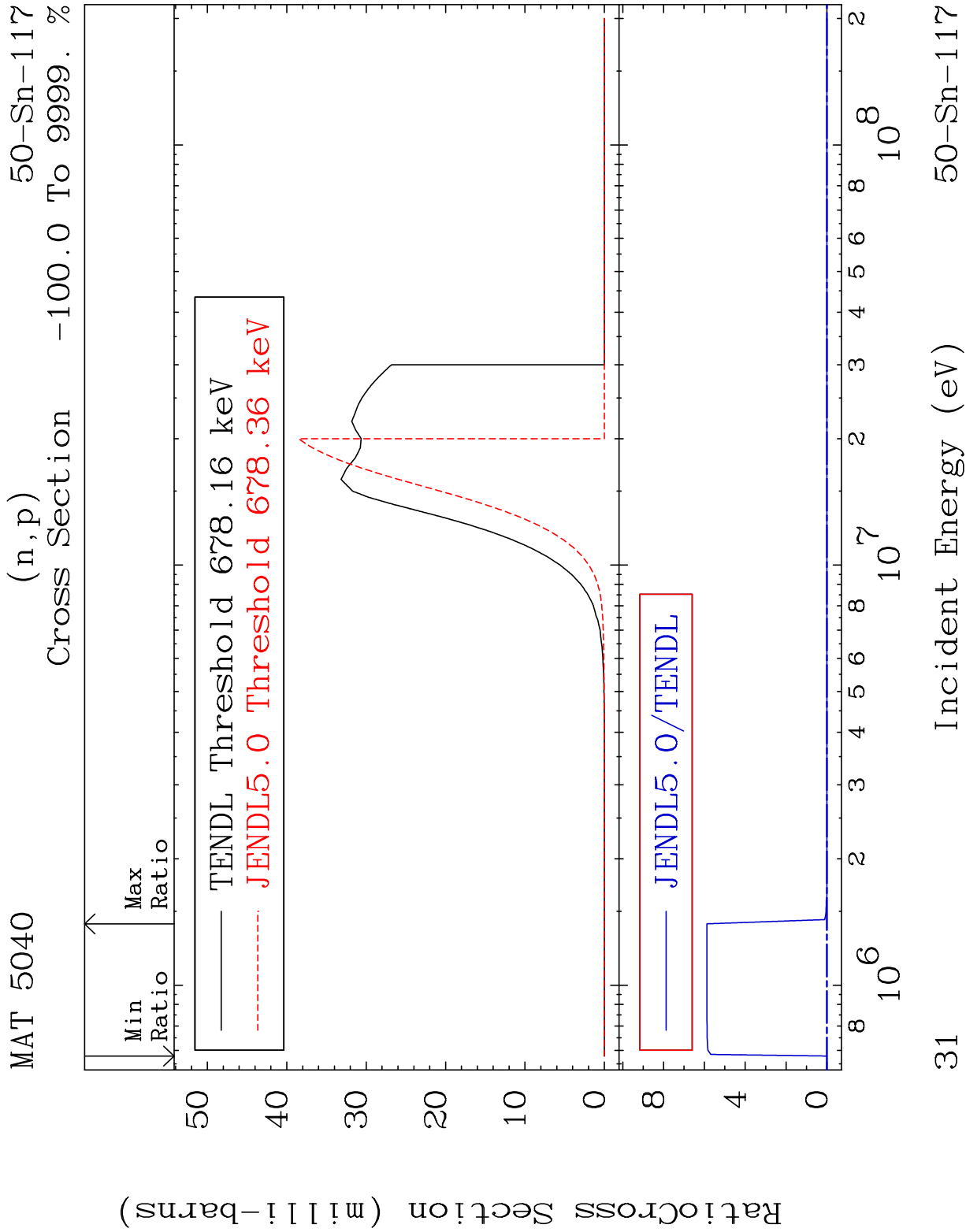


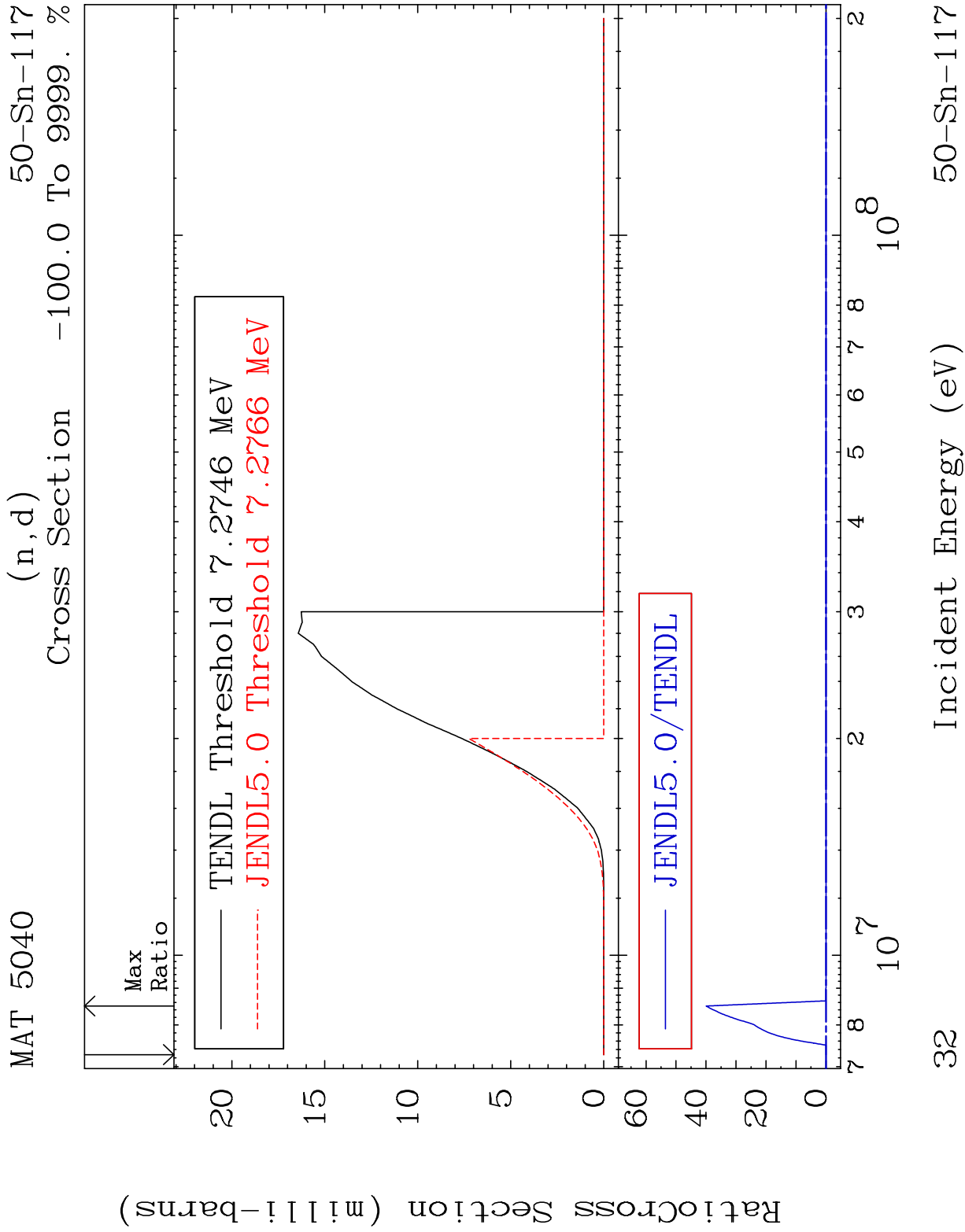


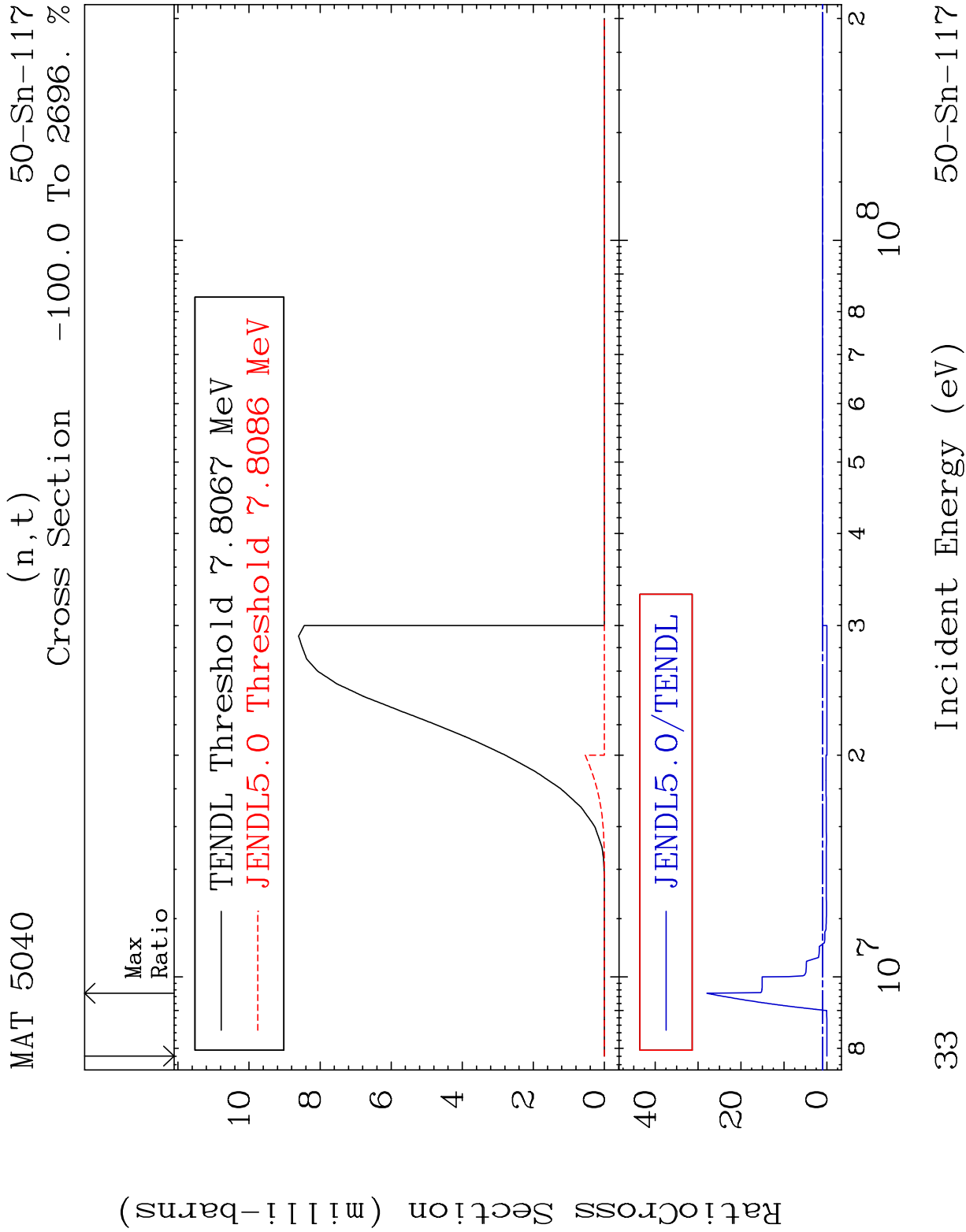


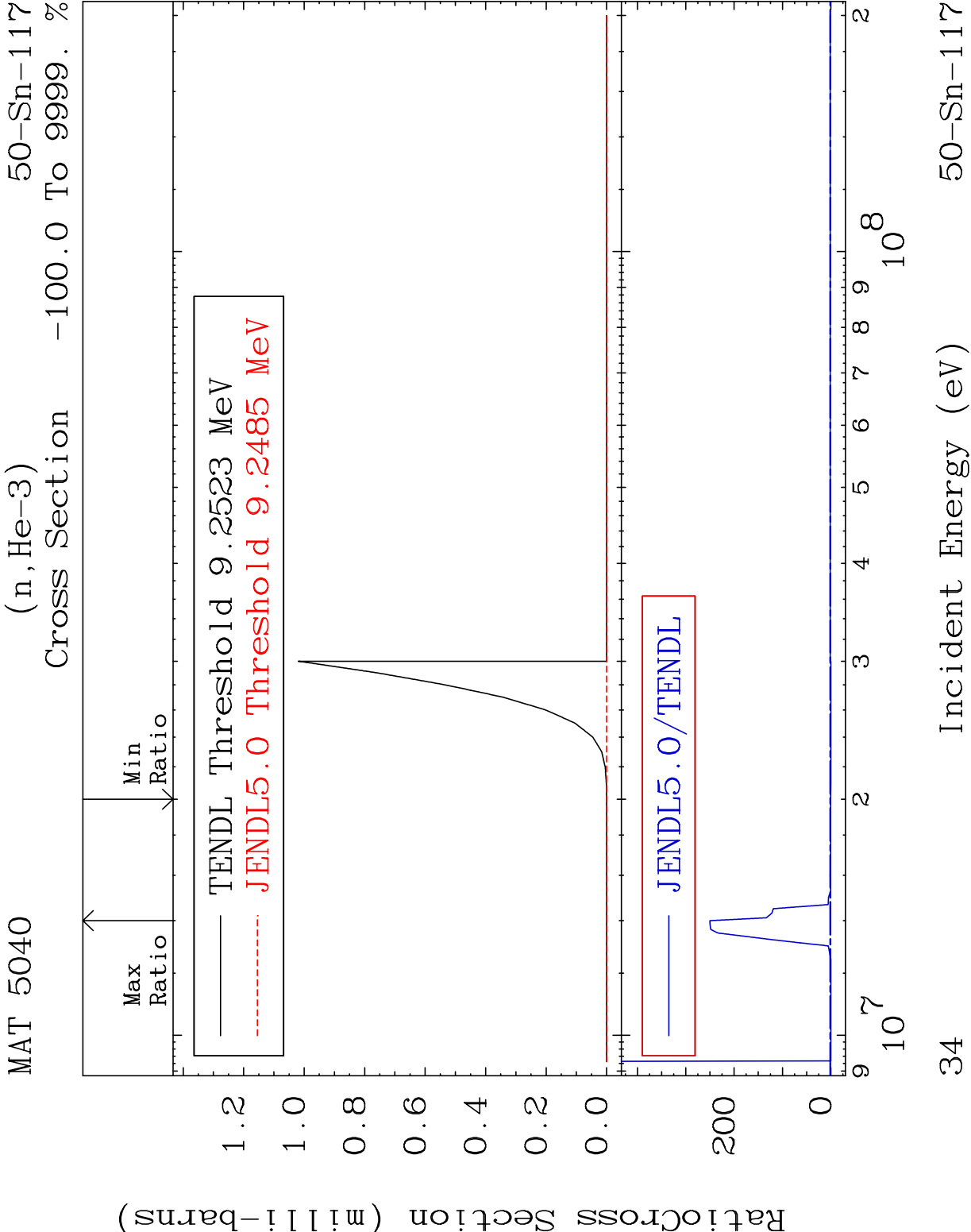


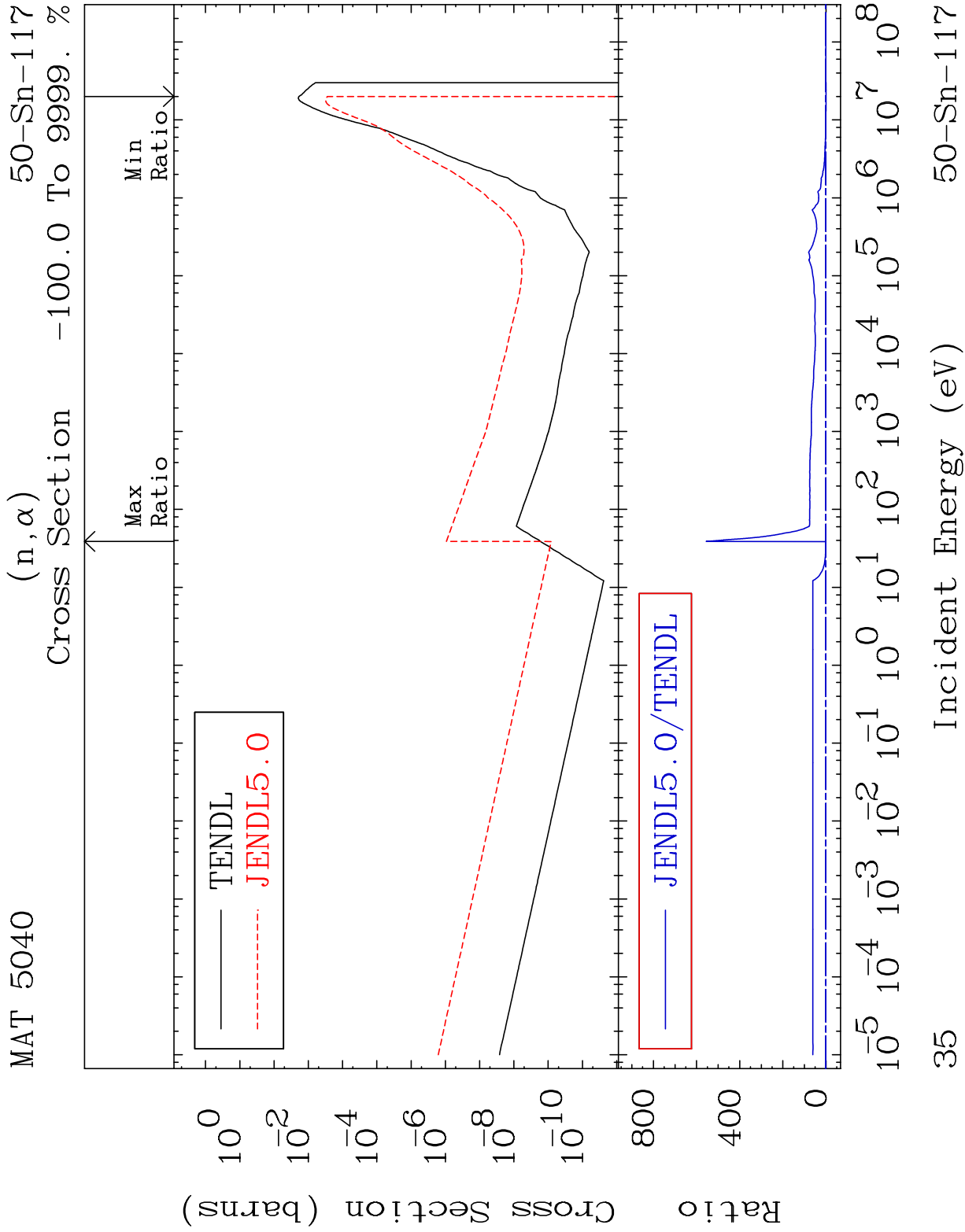


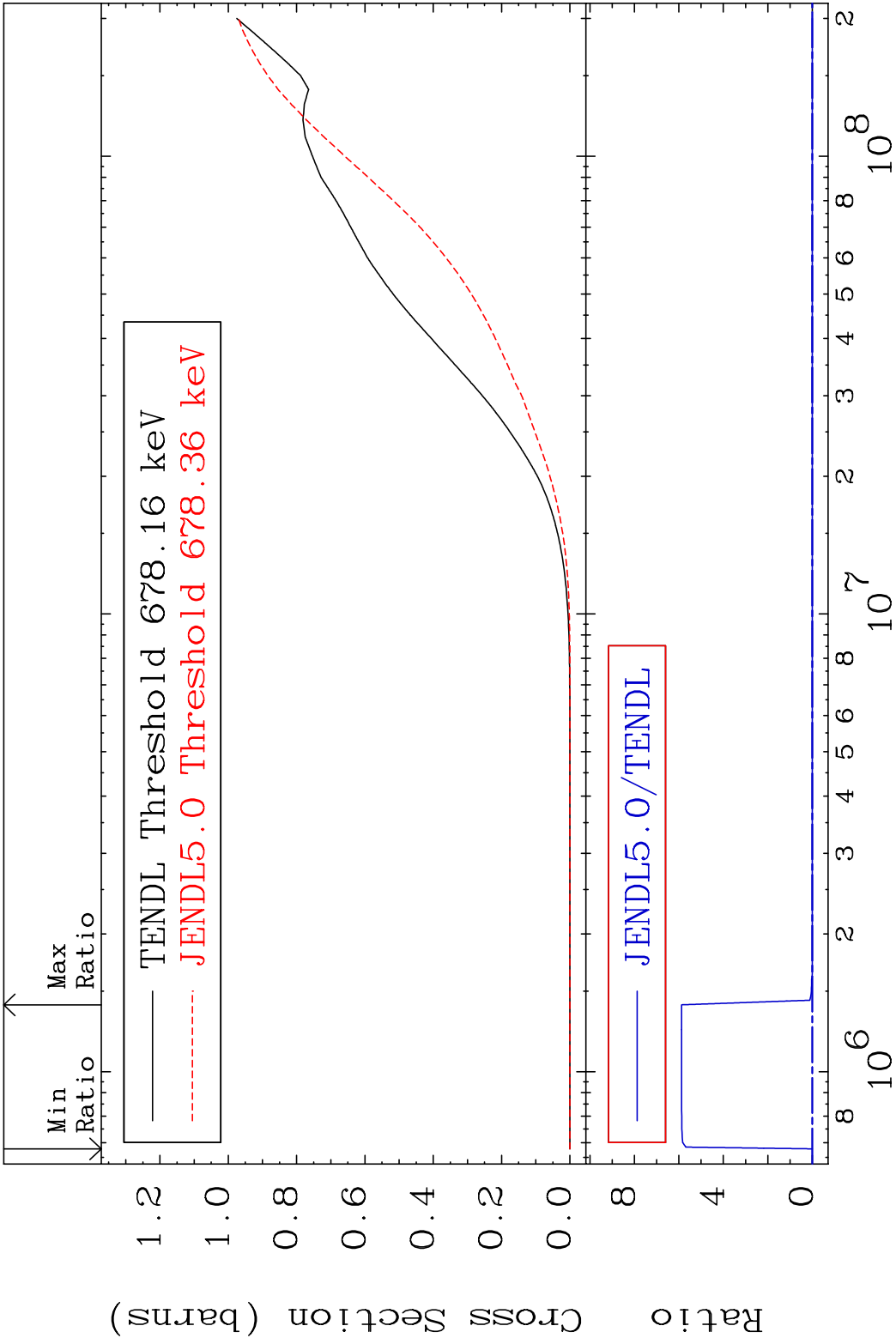




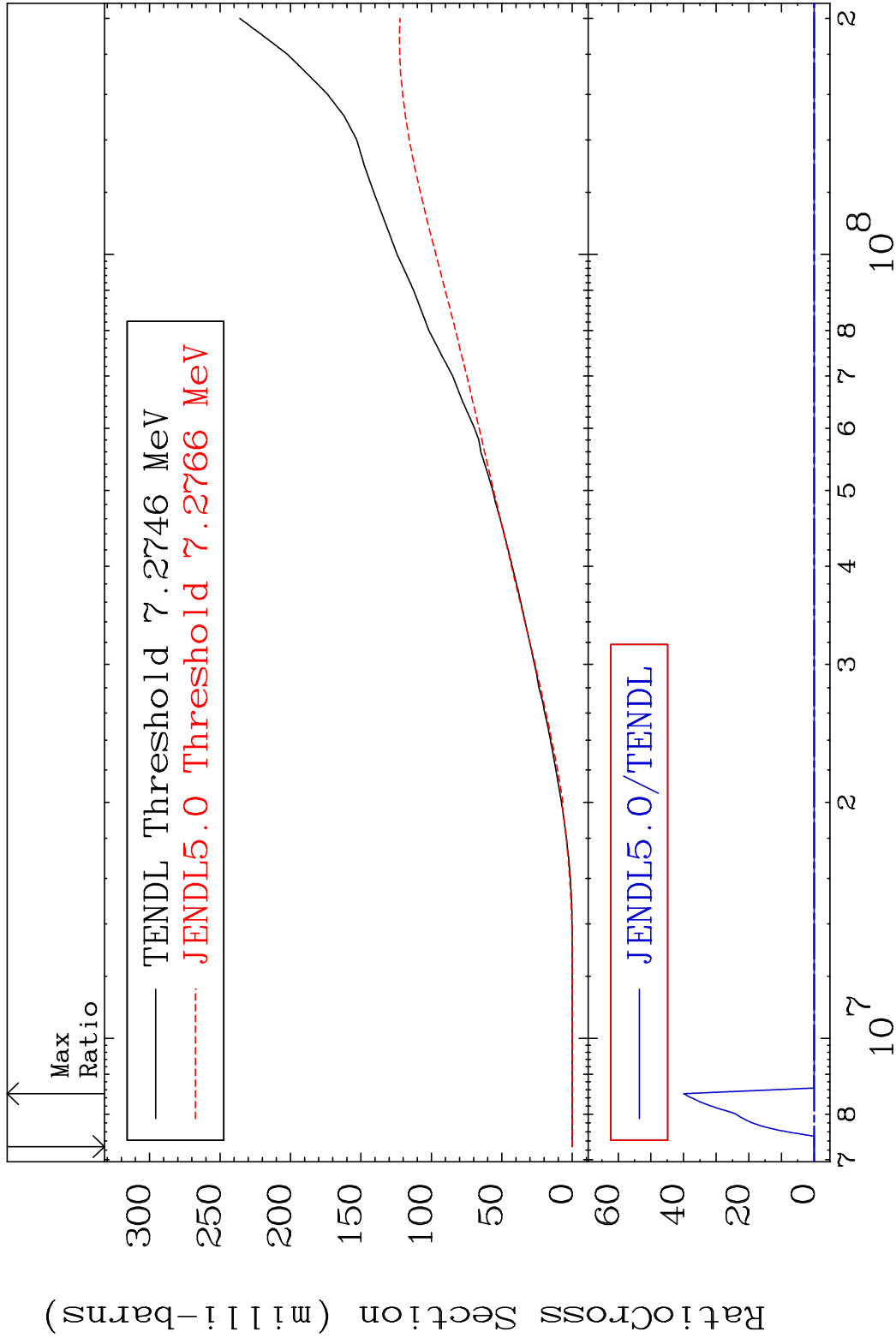




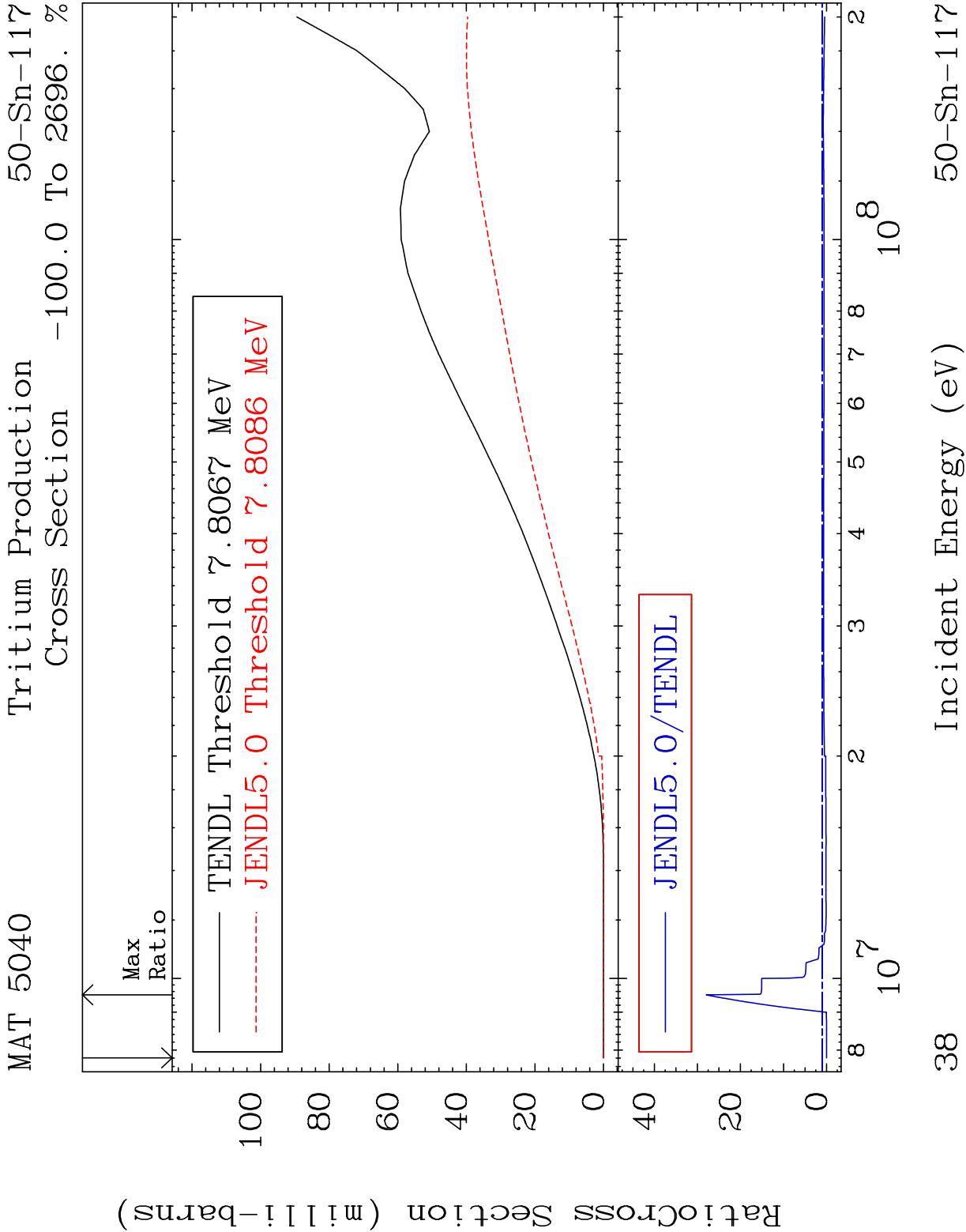


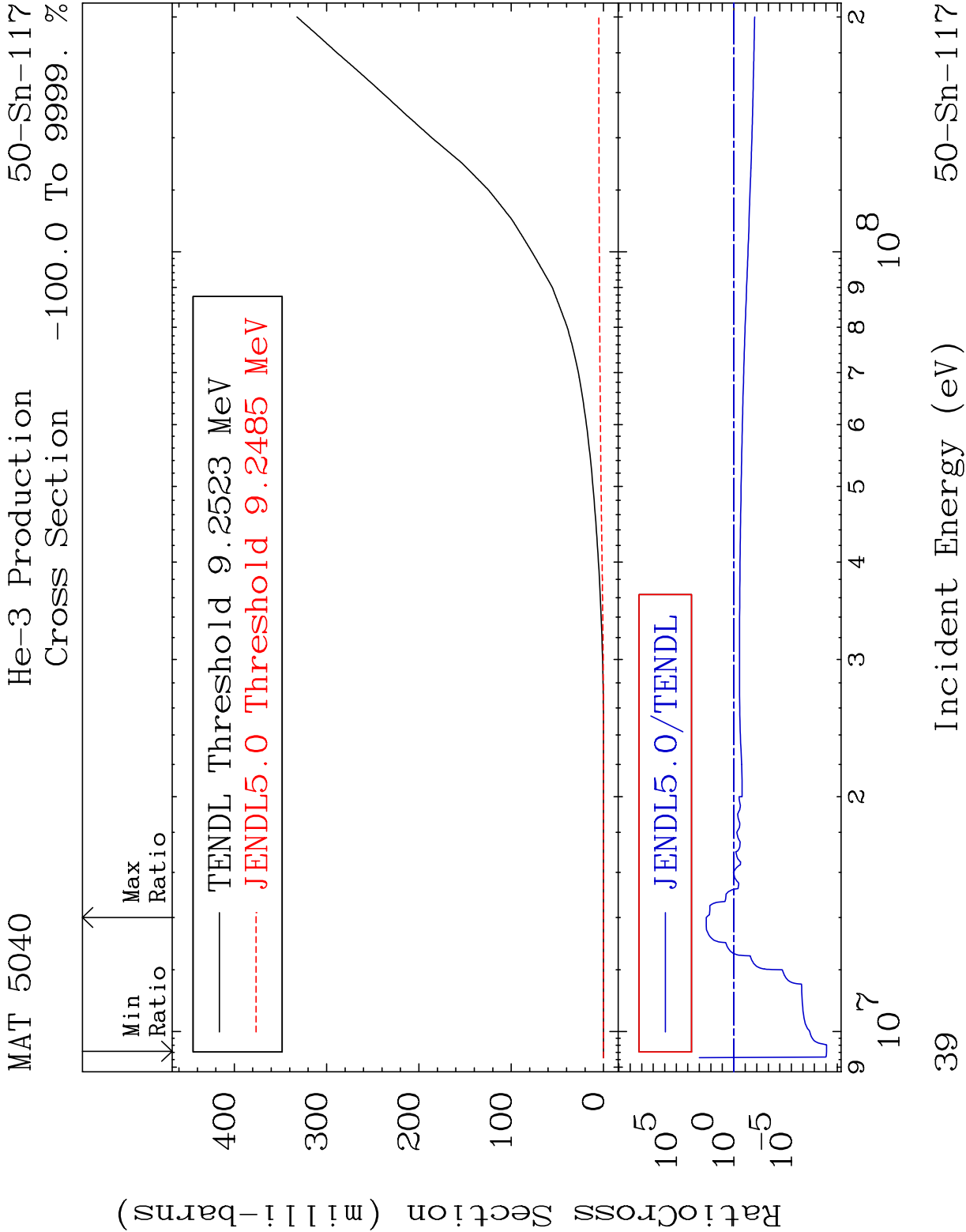


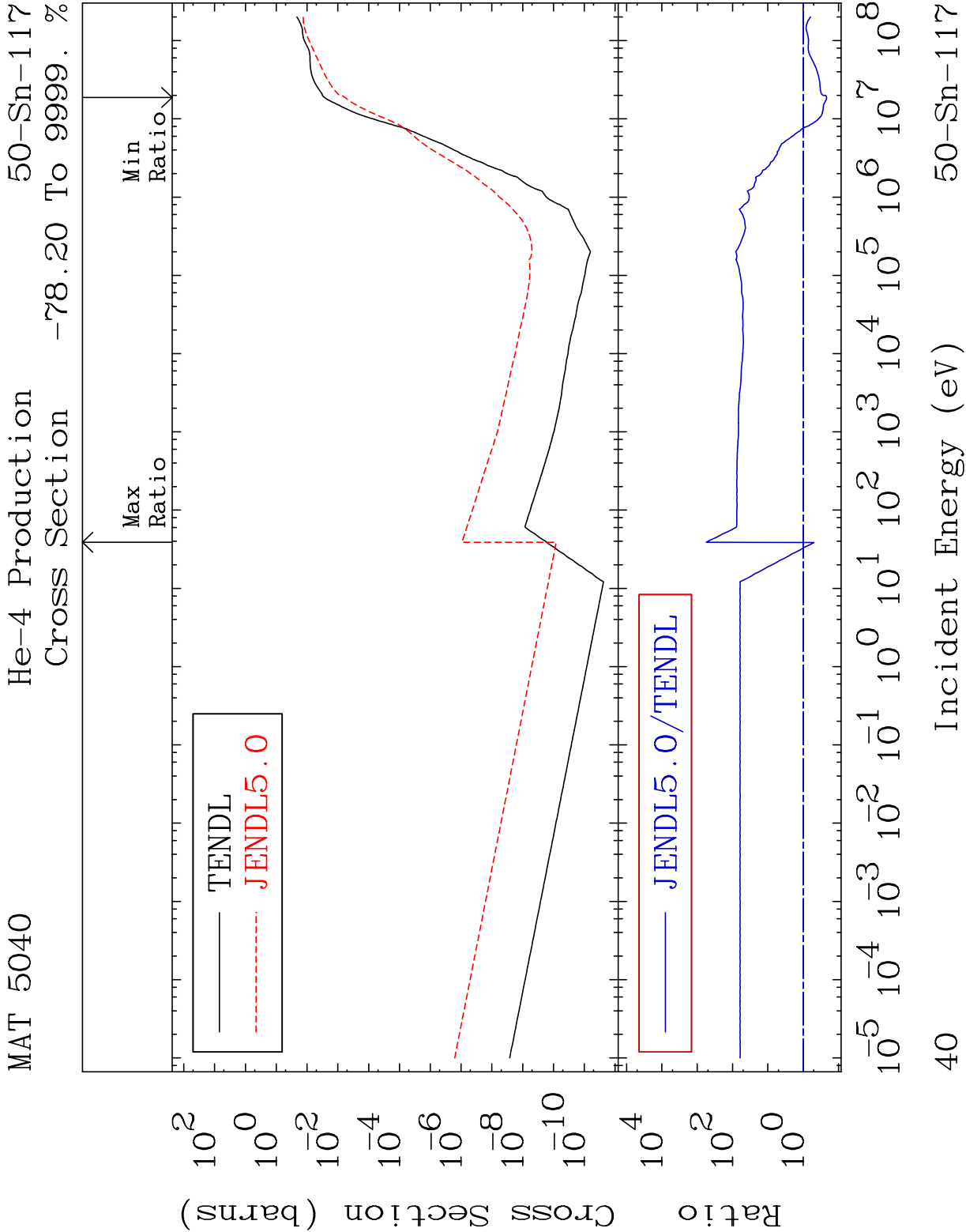
MAT 5040 Deuterium Production 50-Sn-117
Cross Section -100.0 To 9999. %



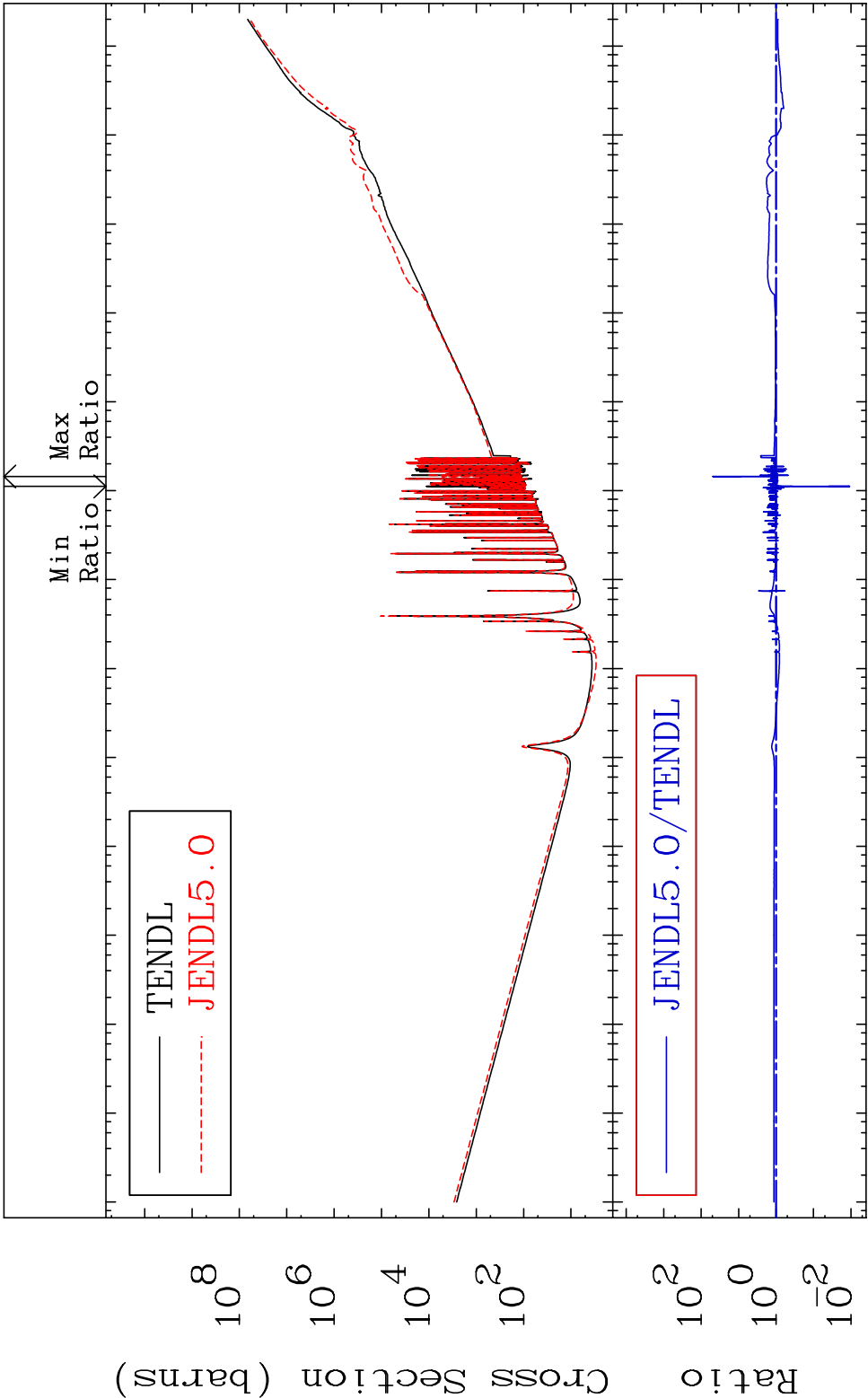
37 Incident Energy (eV) 50-Sn-117



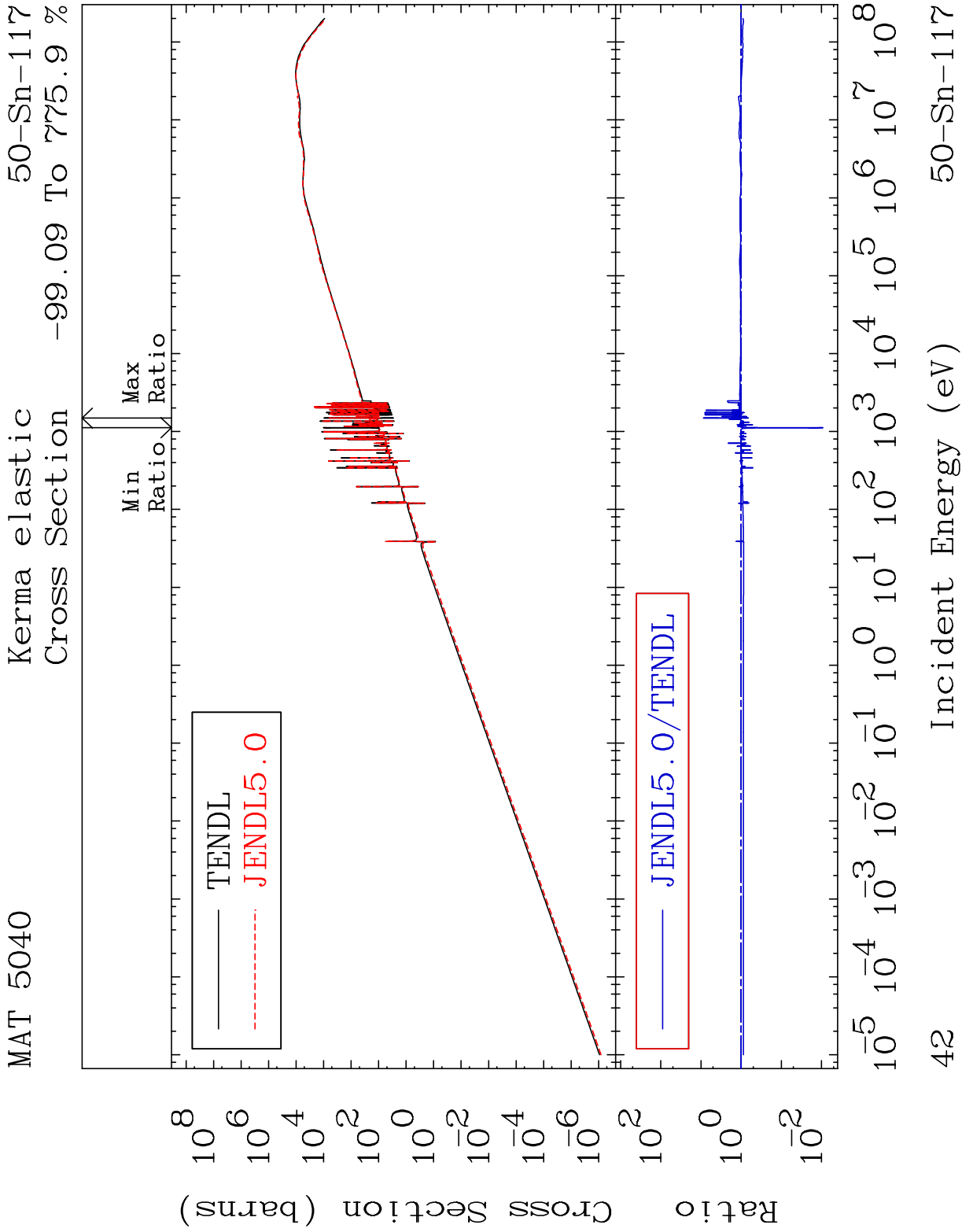




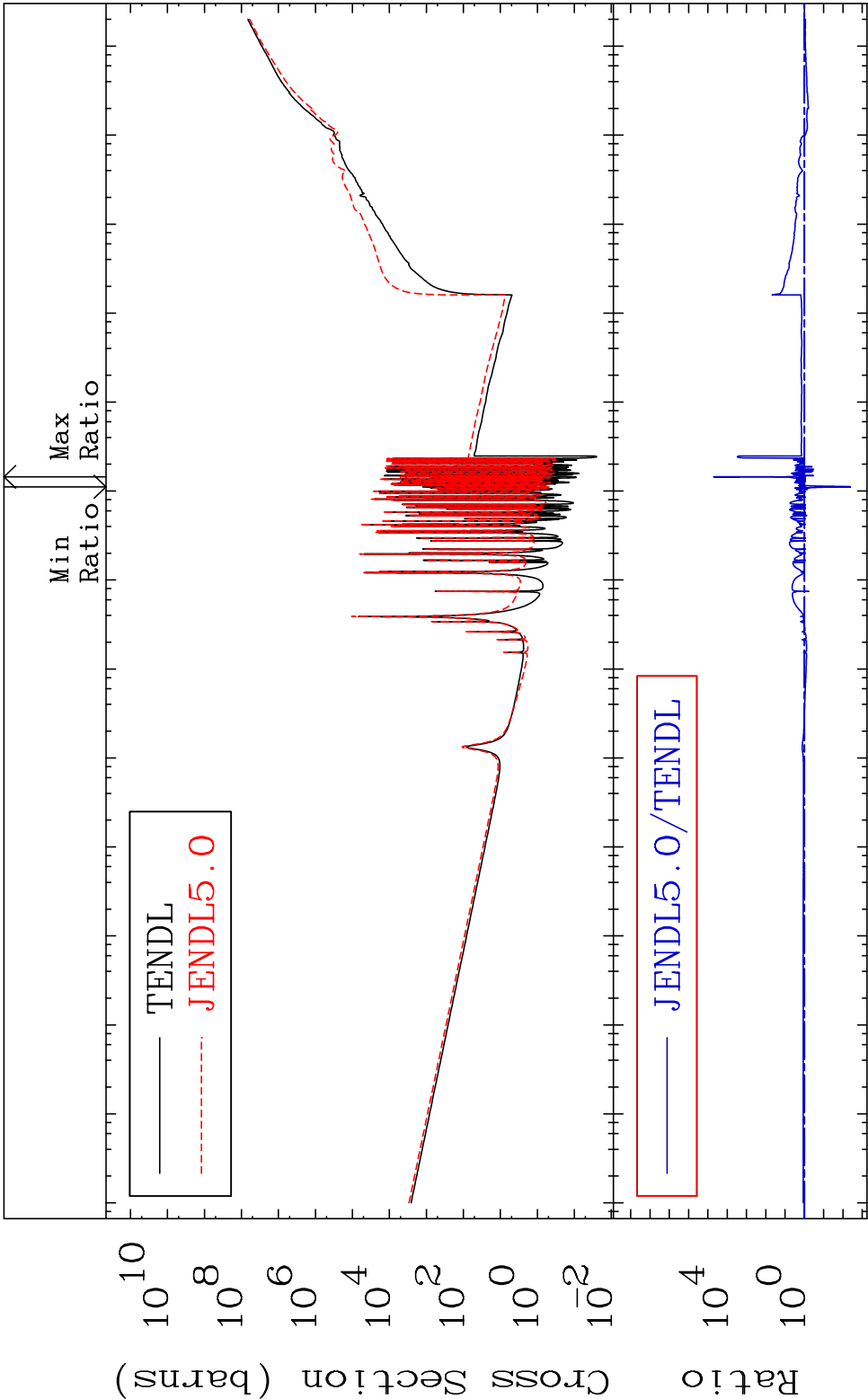
MAT 5040 Kerma total (eV-barns) 50-Sn-117
Cross Section -98.91 To 4778. %



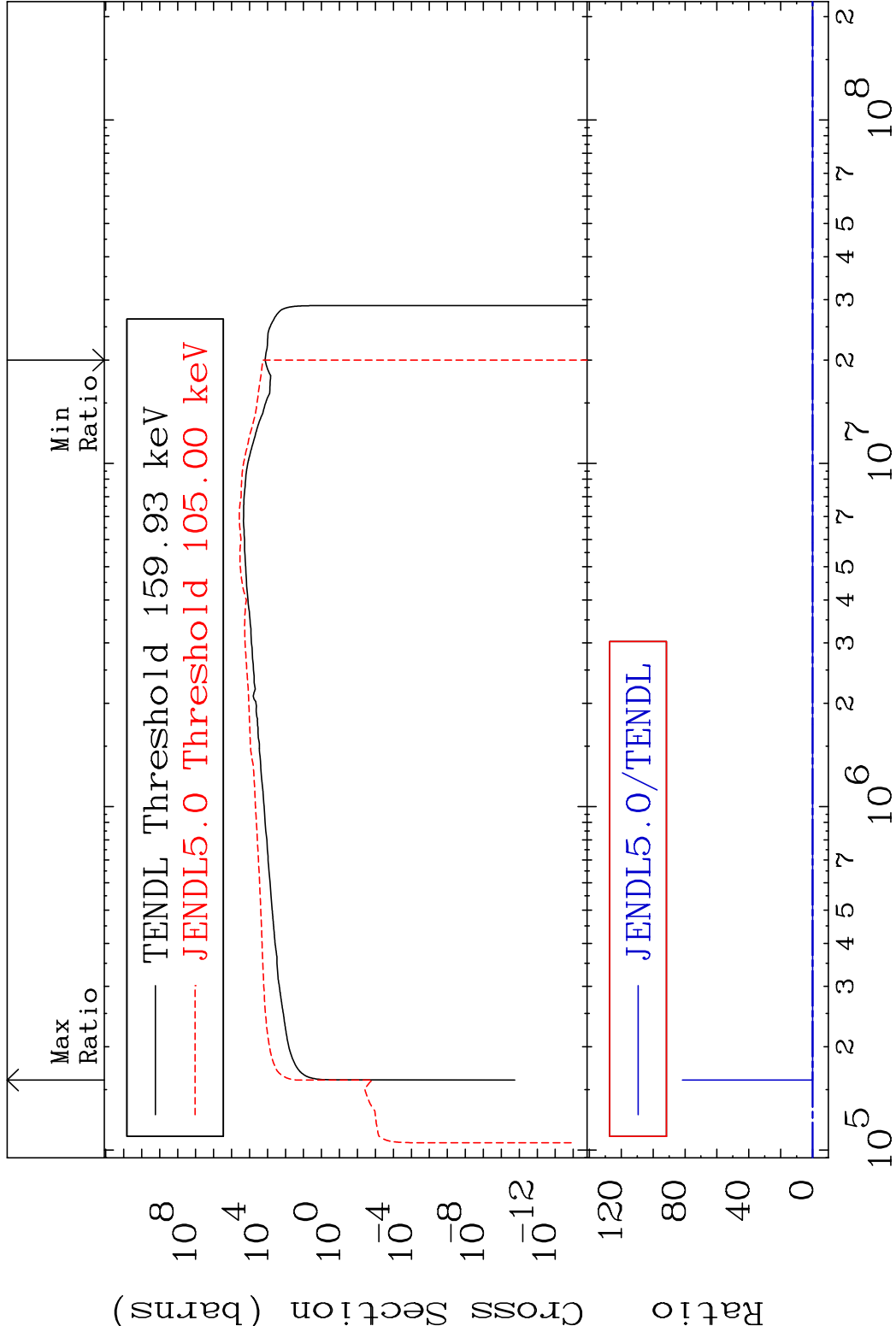
41 Incident Energy (eV) 50-Sn-117



MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
Cross Section -99.59 To 9999. %

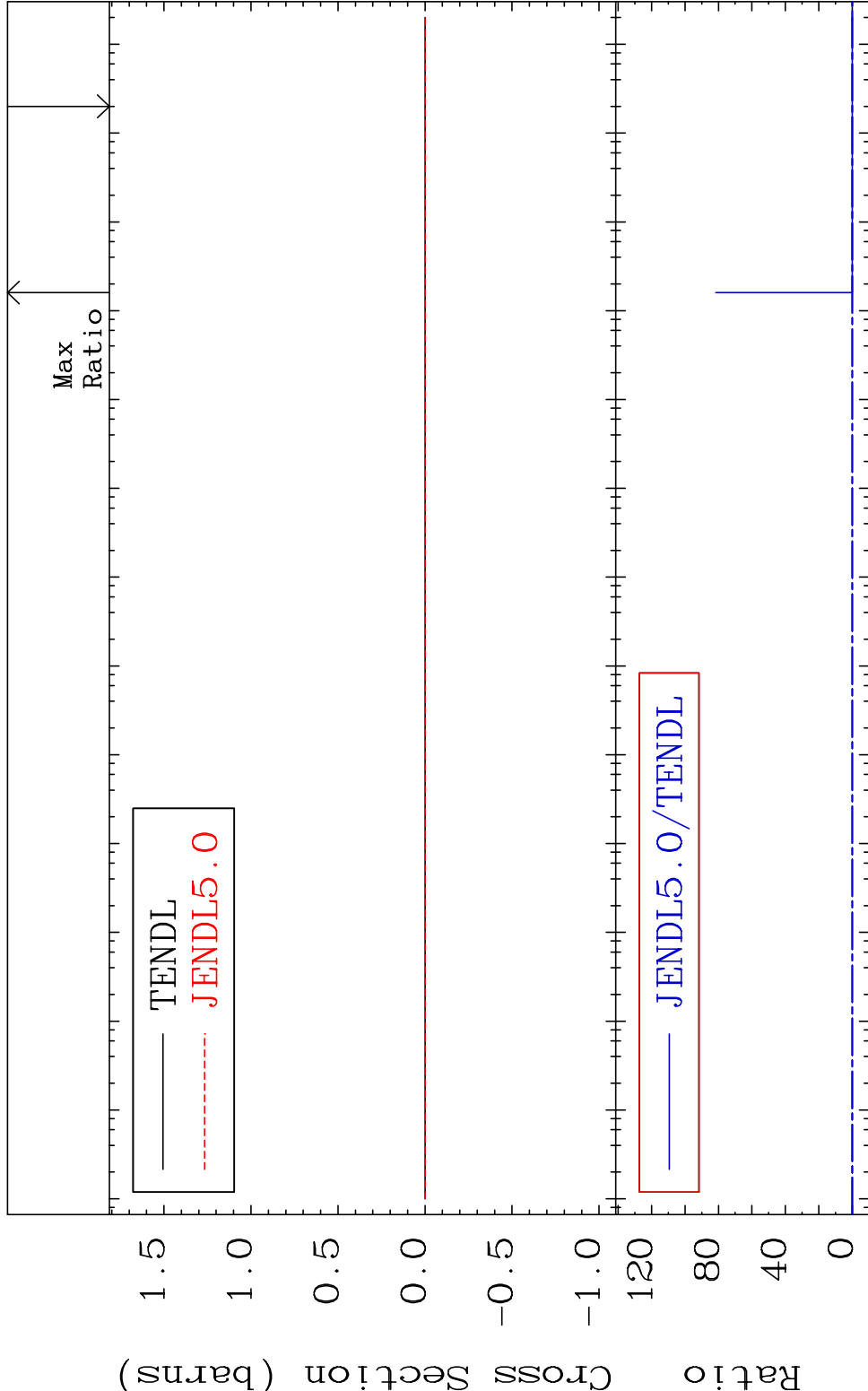


43 Incident Energy (eV) 50-Sn-117



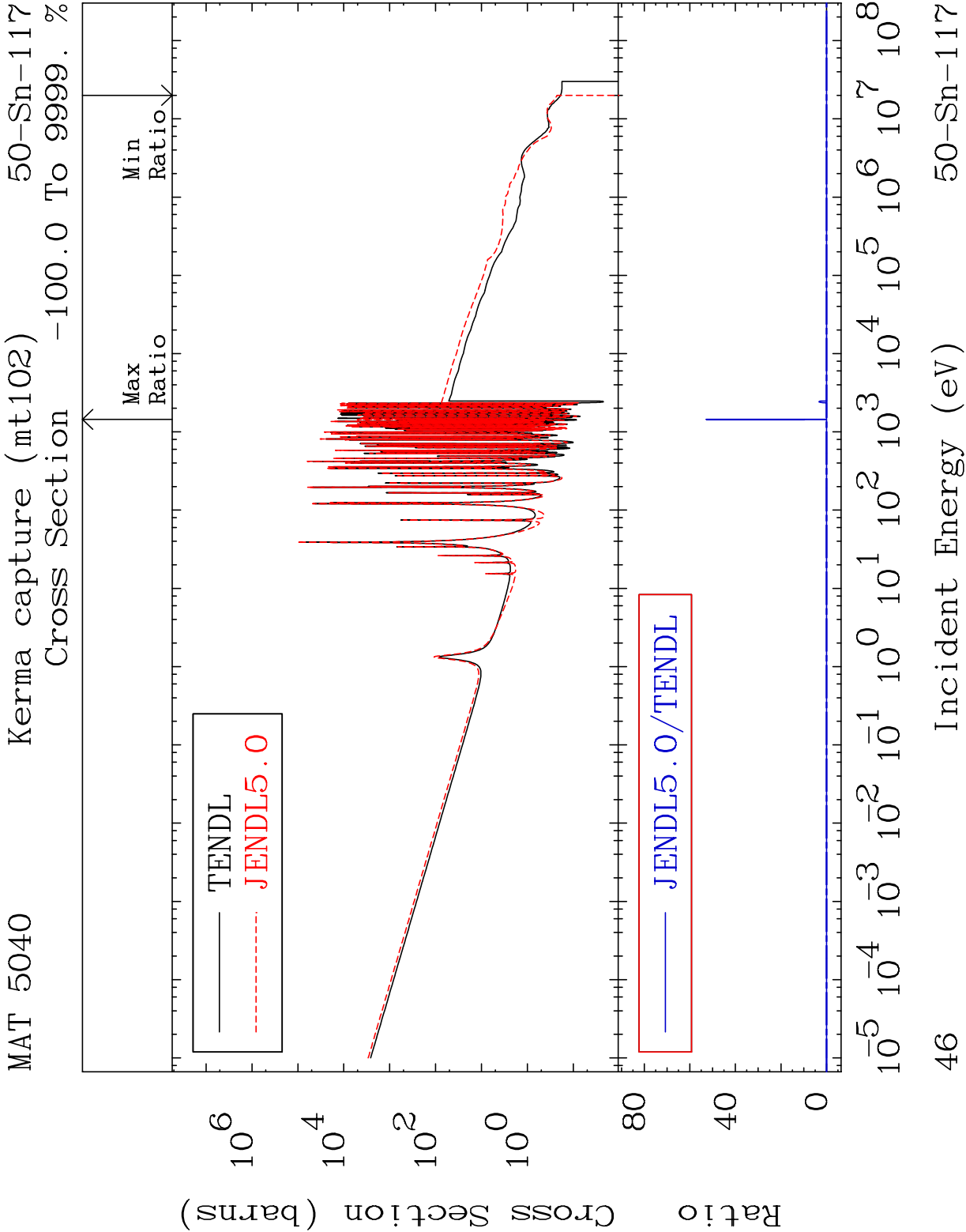
MAT 5040 Kerma fission (mt18 or mt19-20-21-38)50-Sn-117

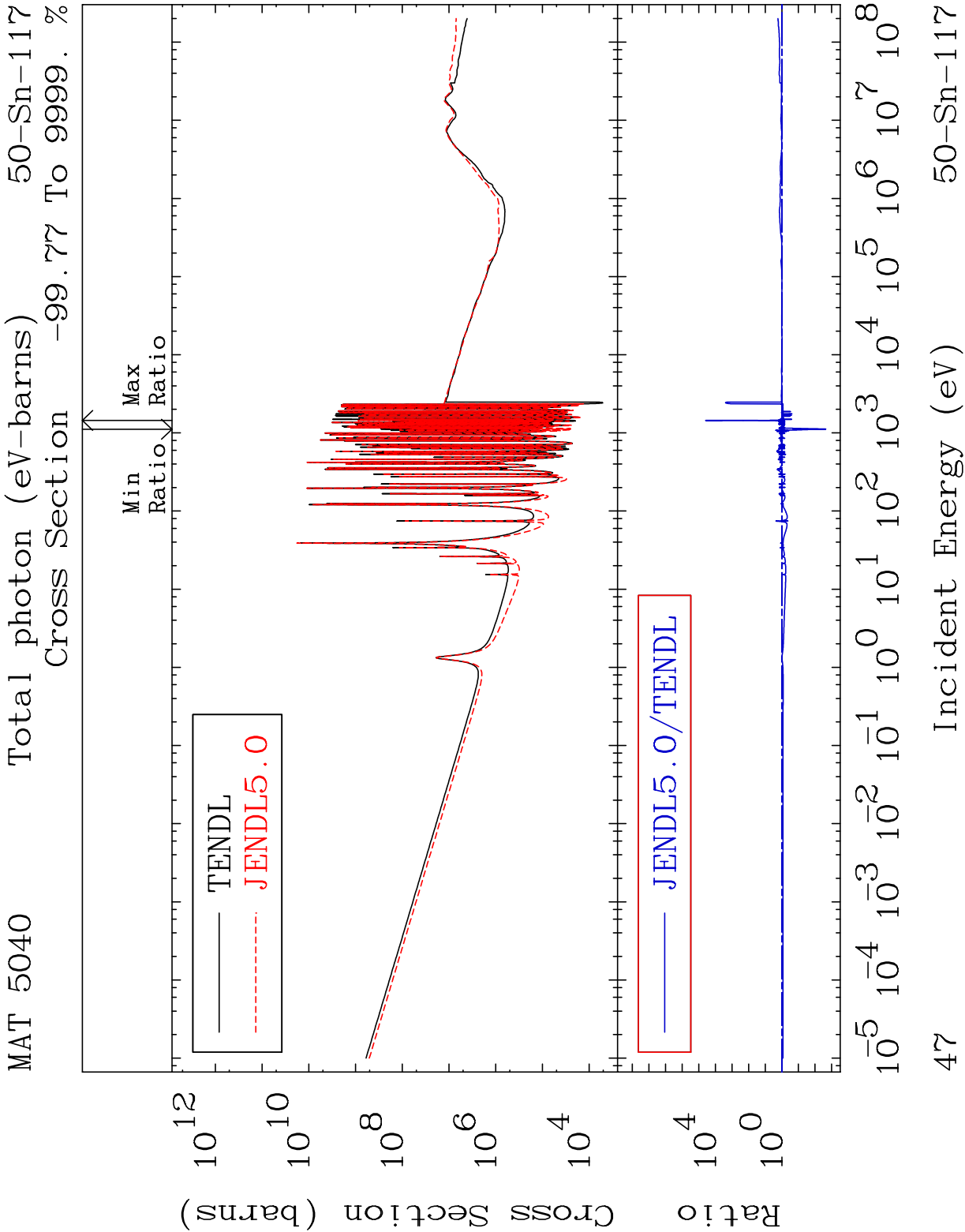
Cross Section -100.0 To 9999. %



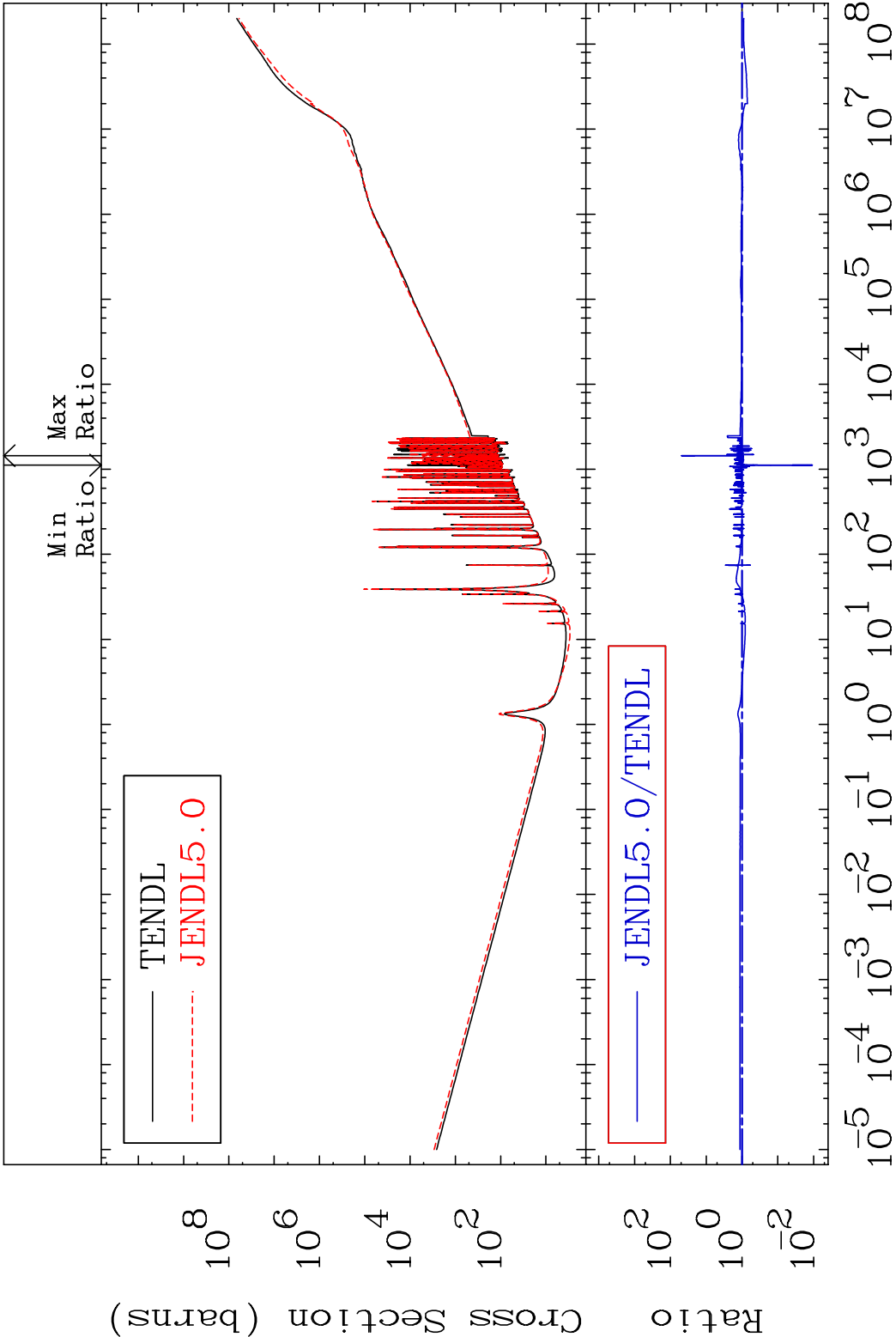
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

45 Incident Energy (eV) 50-Sn-117



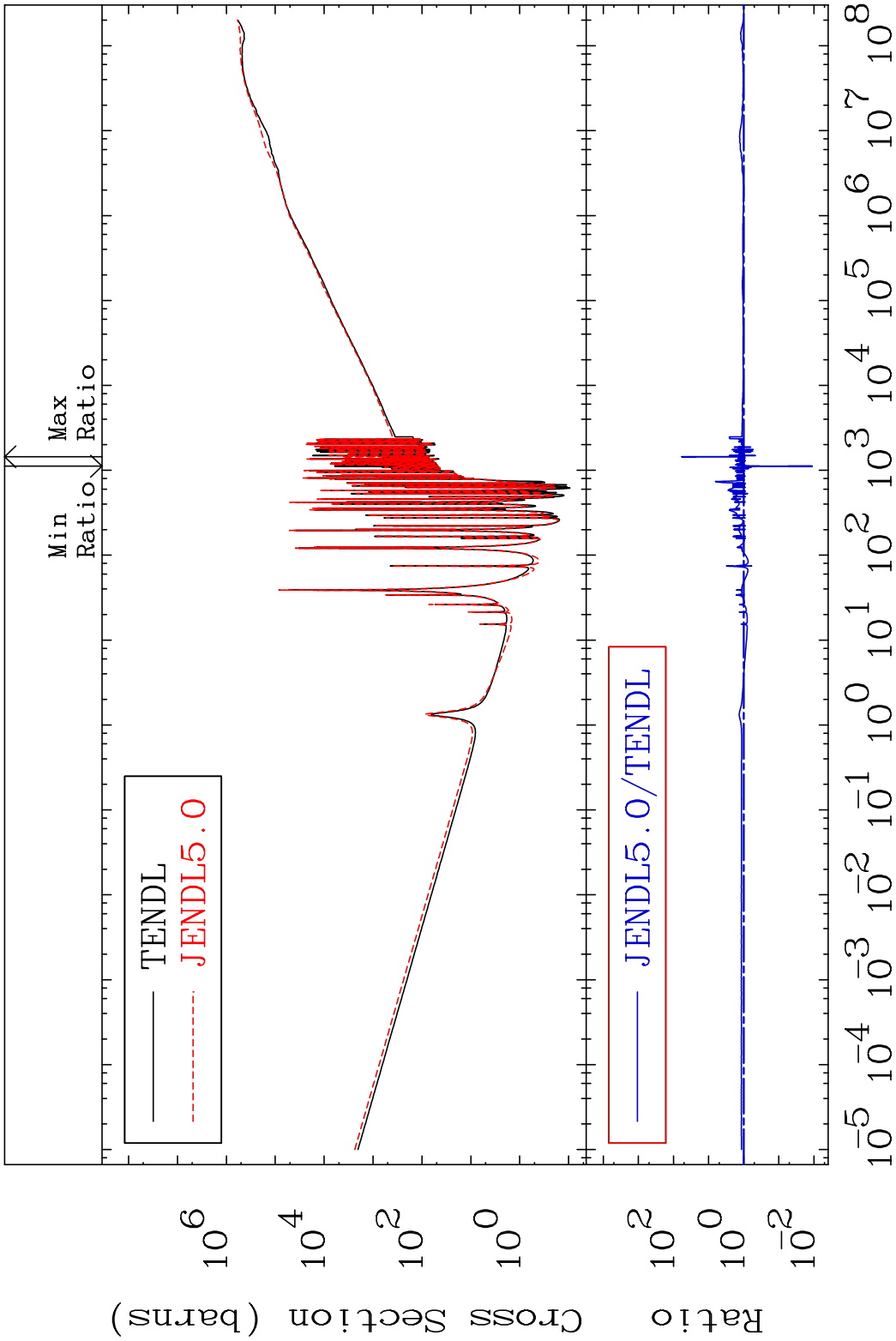


MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
Cross Section -98.91 To 4778. %



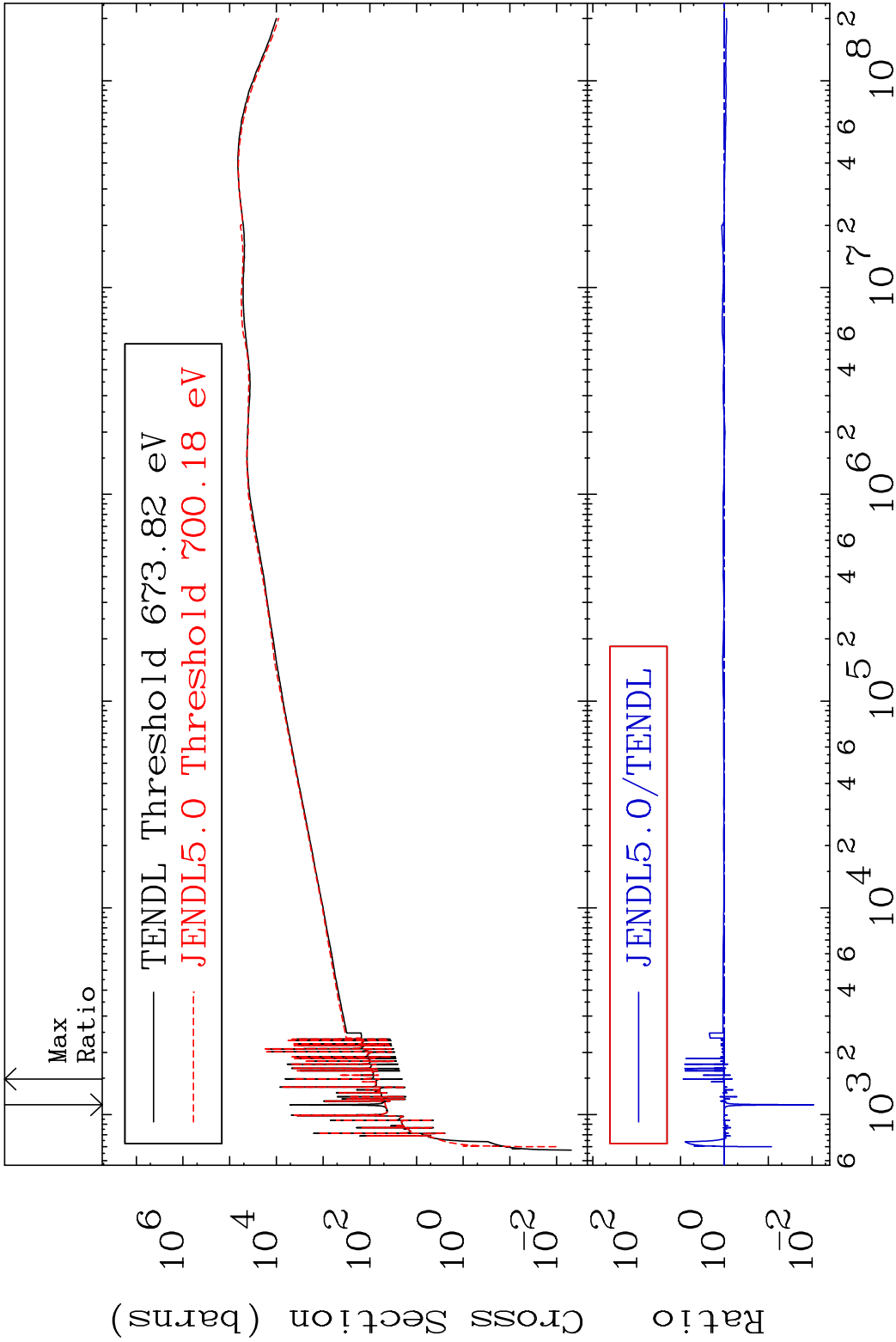
48 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa total (eV-barns) 50-Sn-117
Cross Section -98.89 To 5733. %



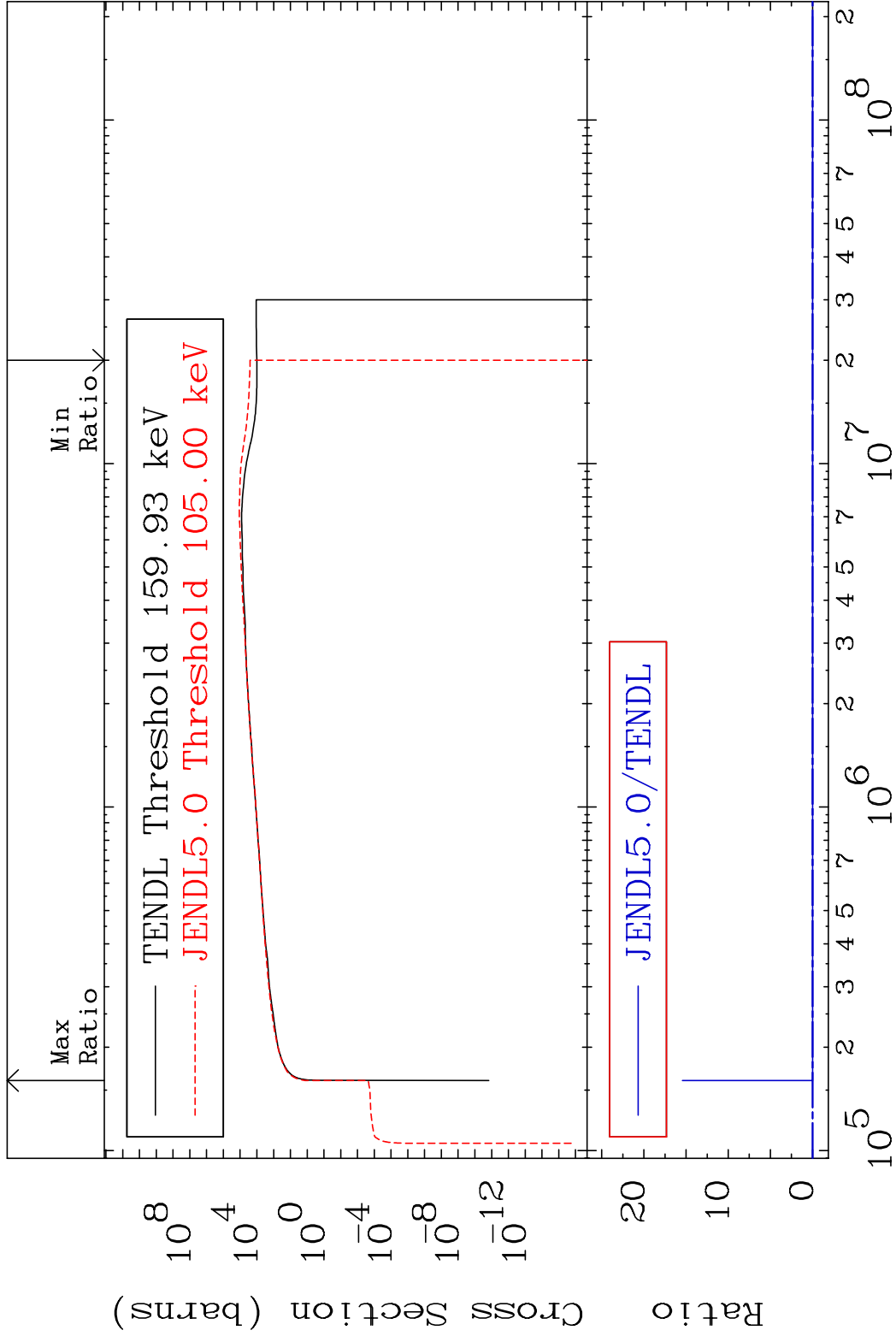
49 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa elastic (mt2) 50-Sn-117
Cross Section -99.09 To 776.1 %



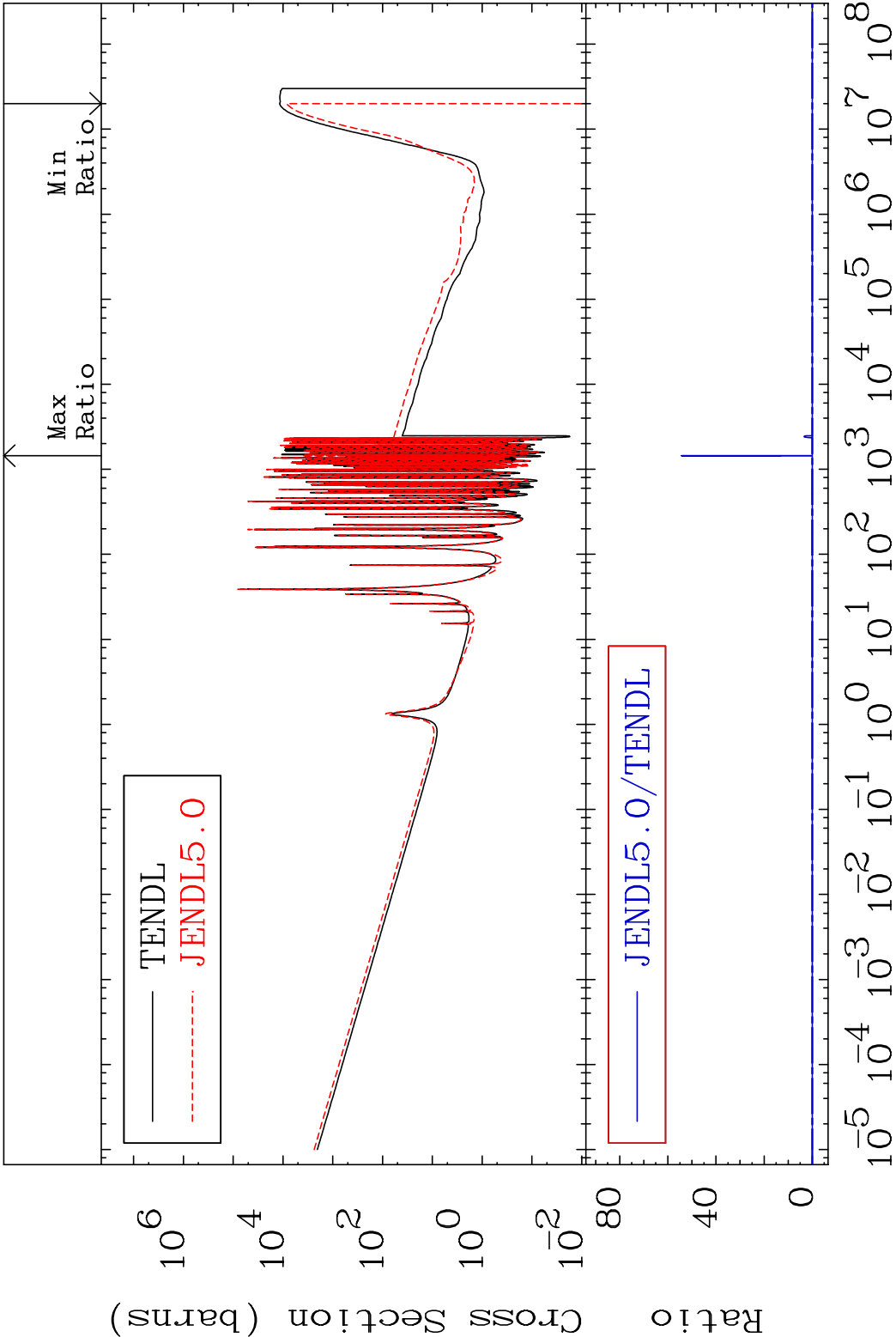
50 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
Cross Section -100.0 To 9999. %



51 Incident Energy (eV) 50-Sn-117

MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
Cross Section -100.0 To 9999. %



52 Incident Energy (eV) 50-Sn-117