

Program Complot
(Version 2021-1)

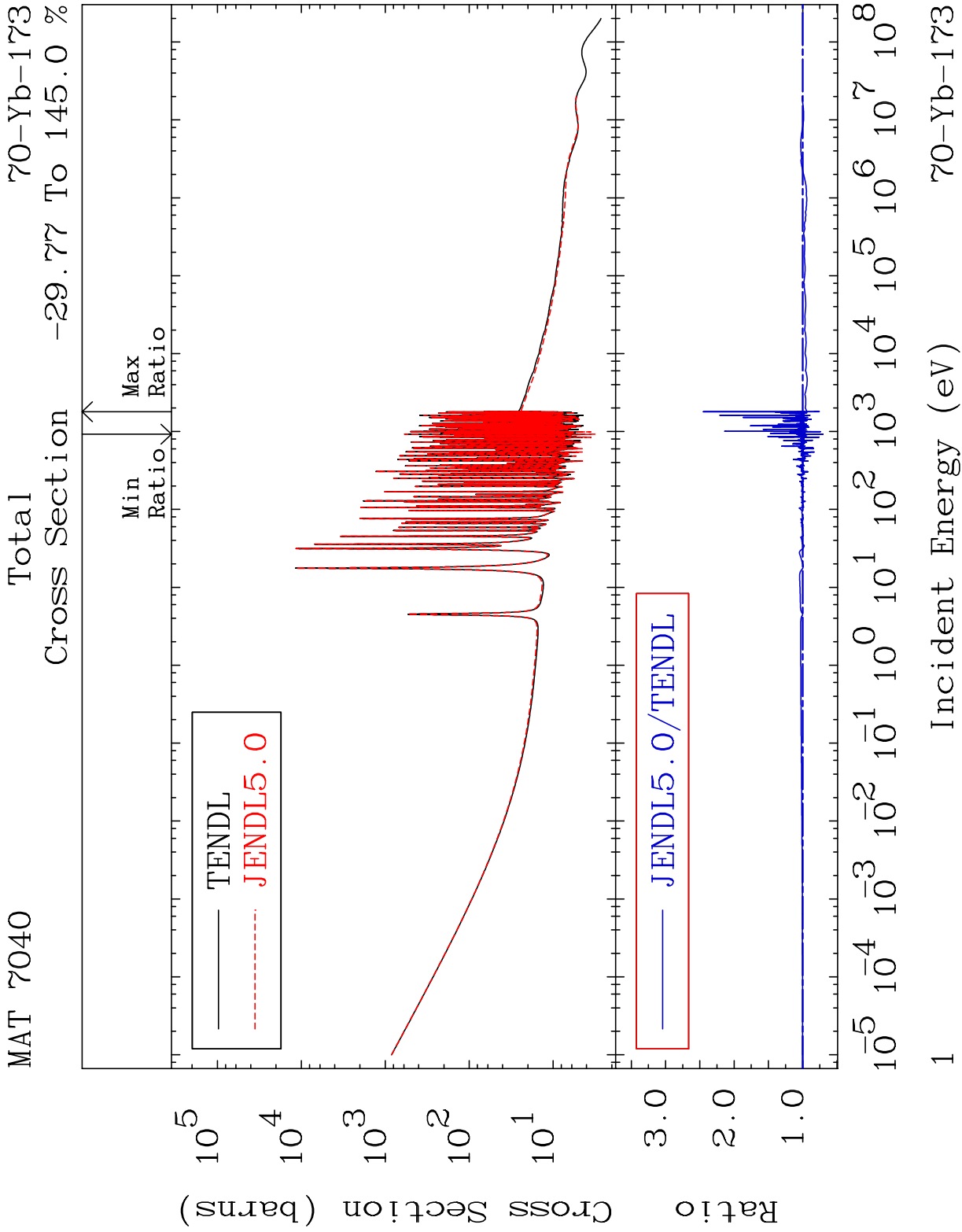
by

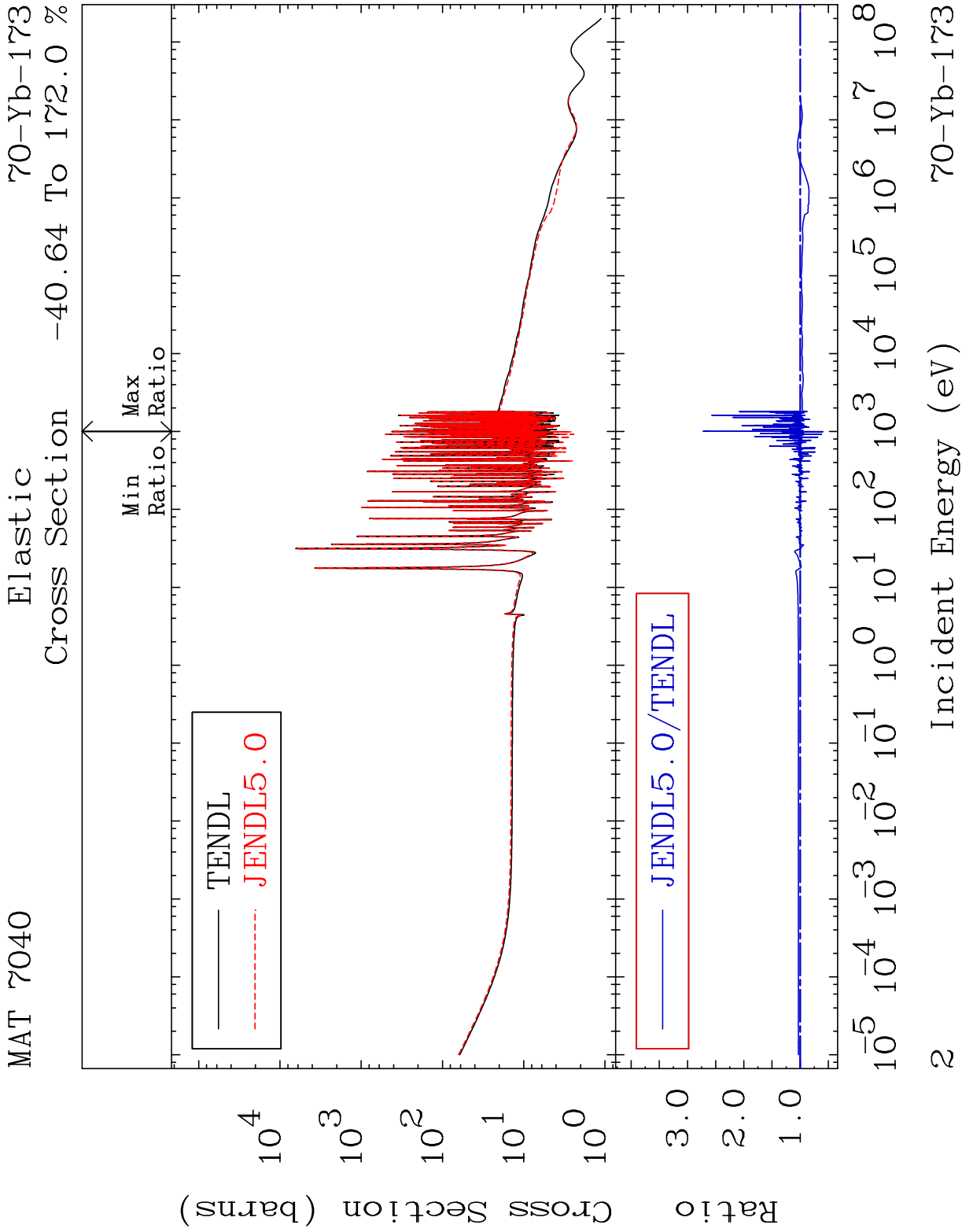
Dermott E. Cullen
(Present Contact Information)

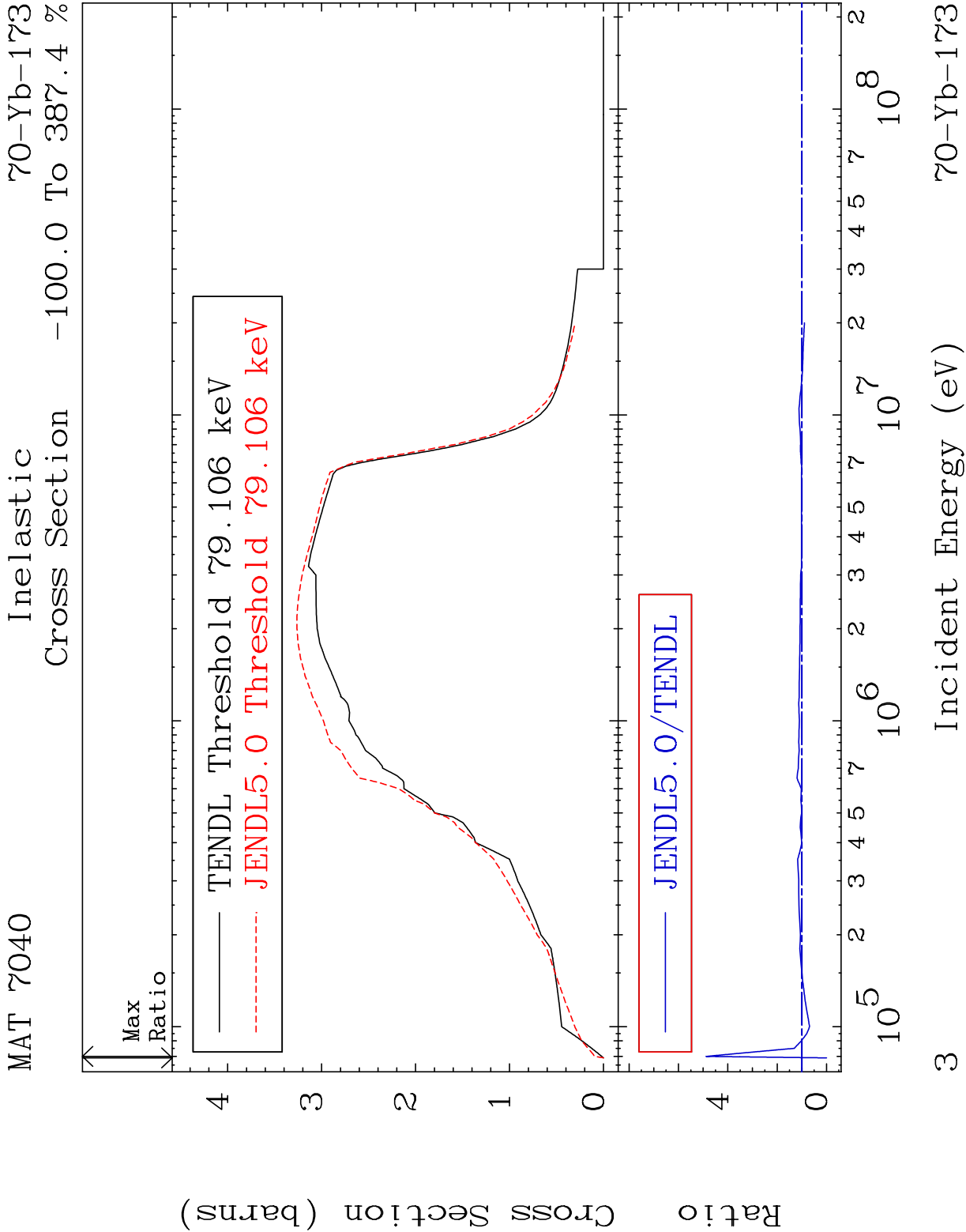
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

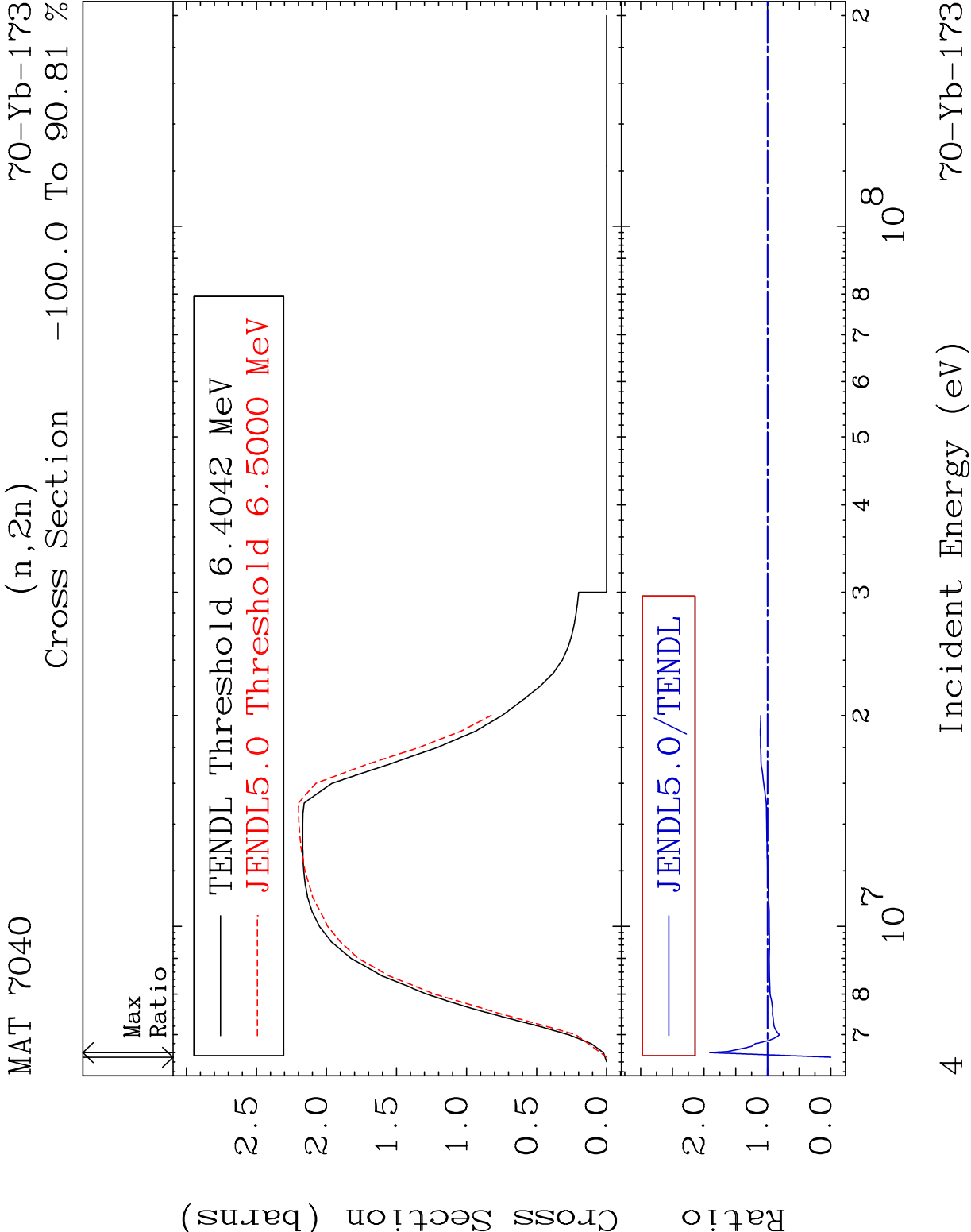
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

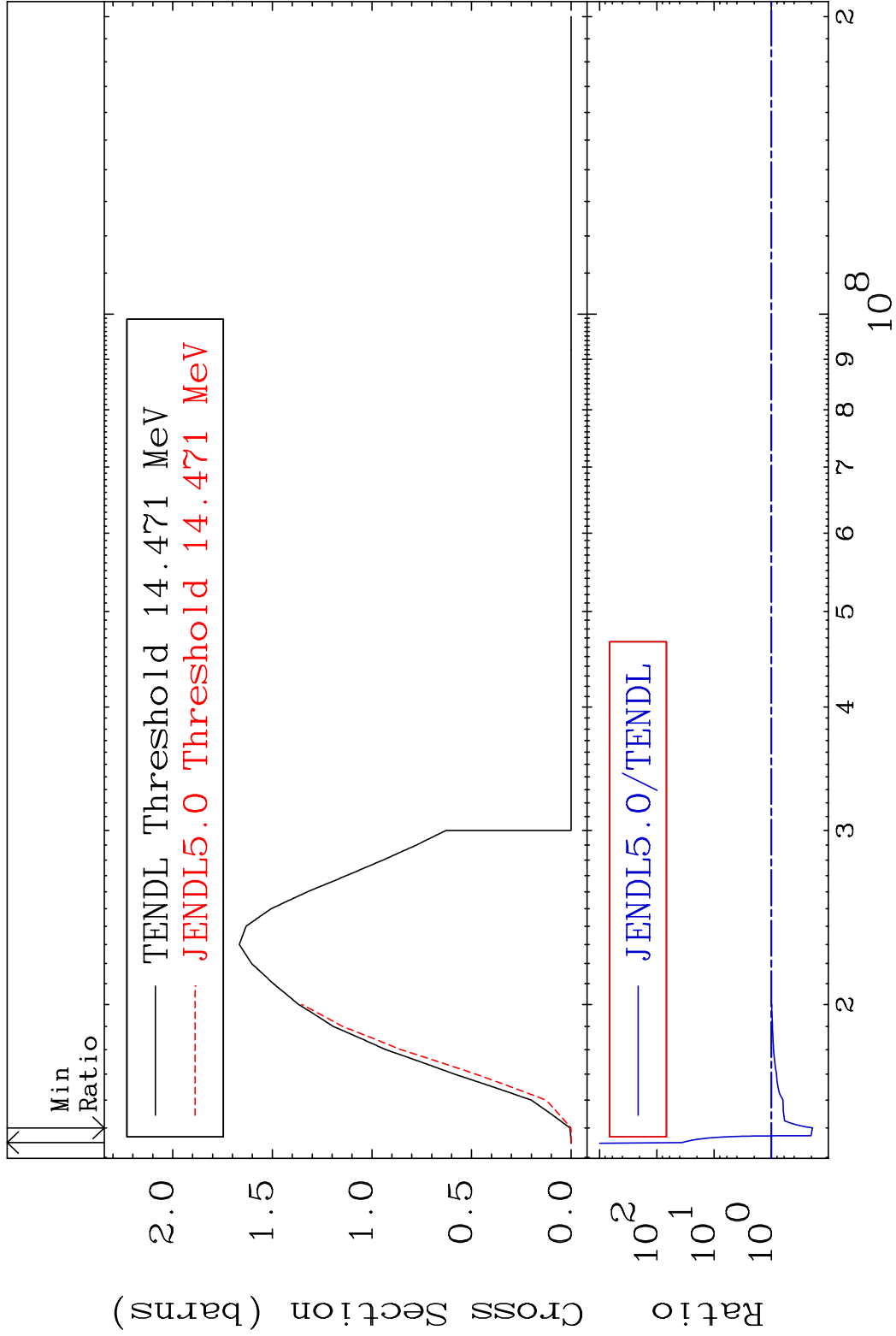
Press Mouse Button to Start

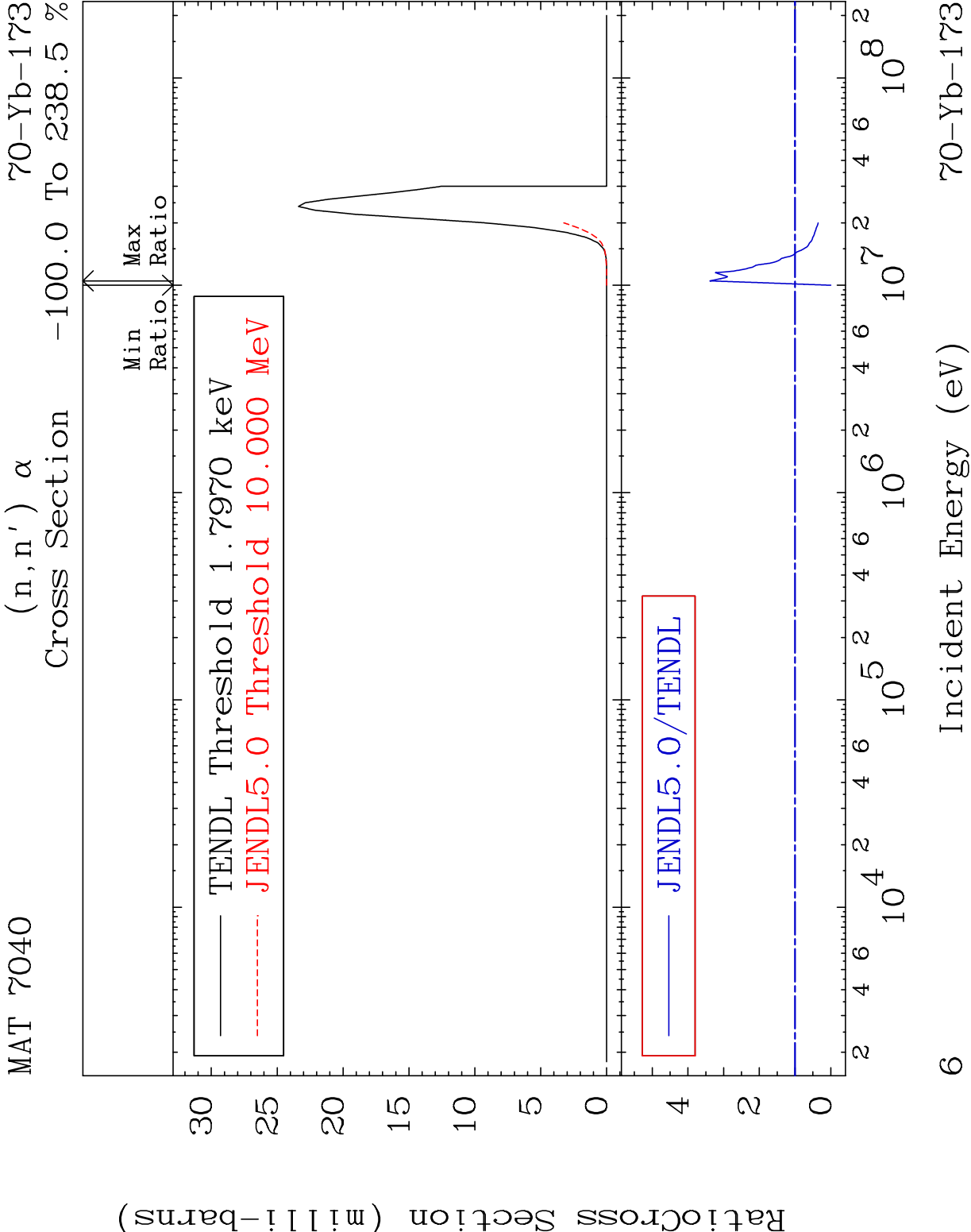


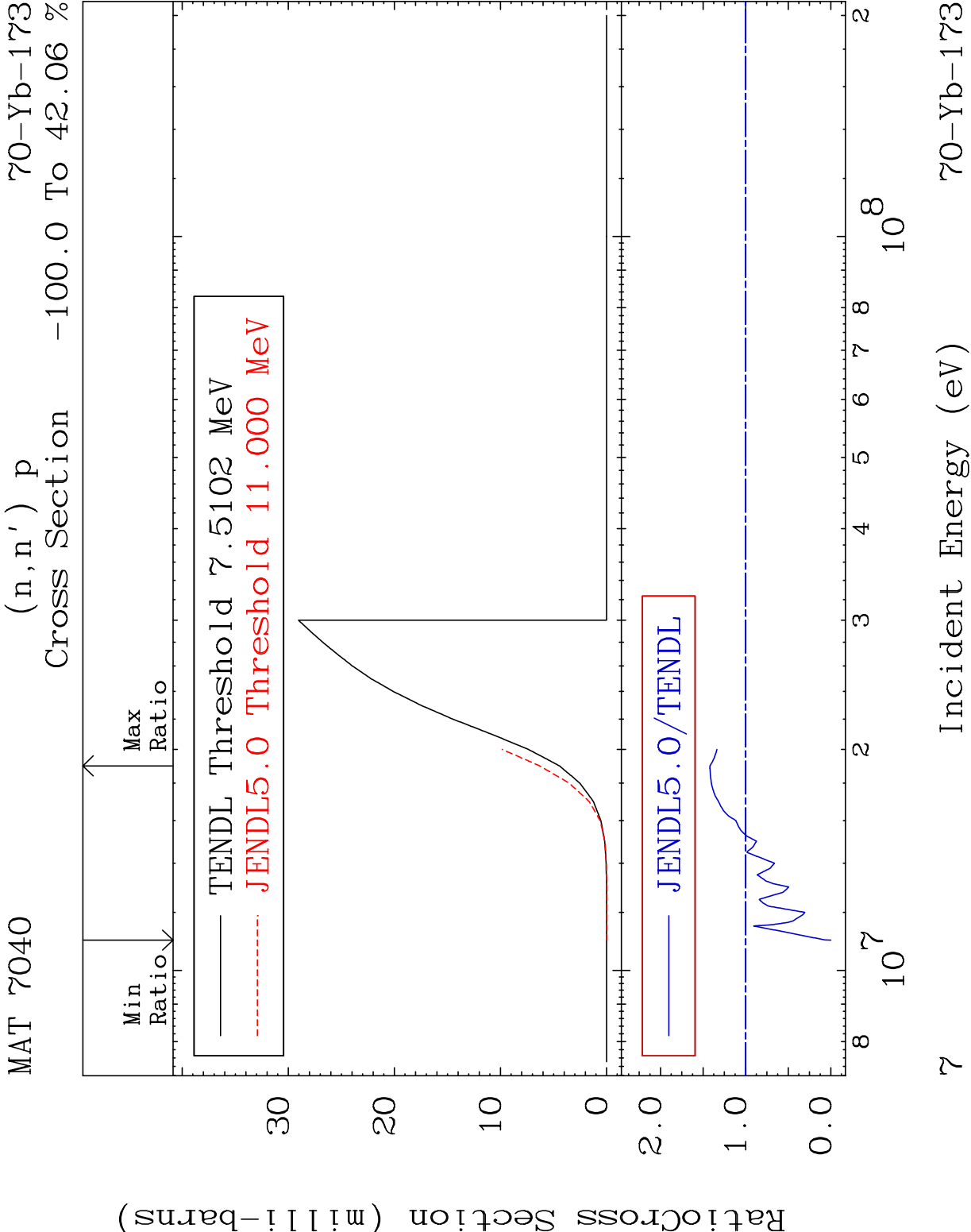


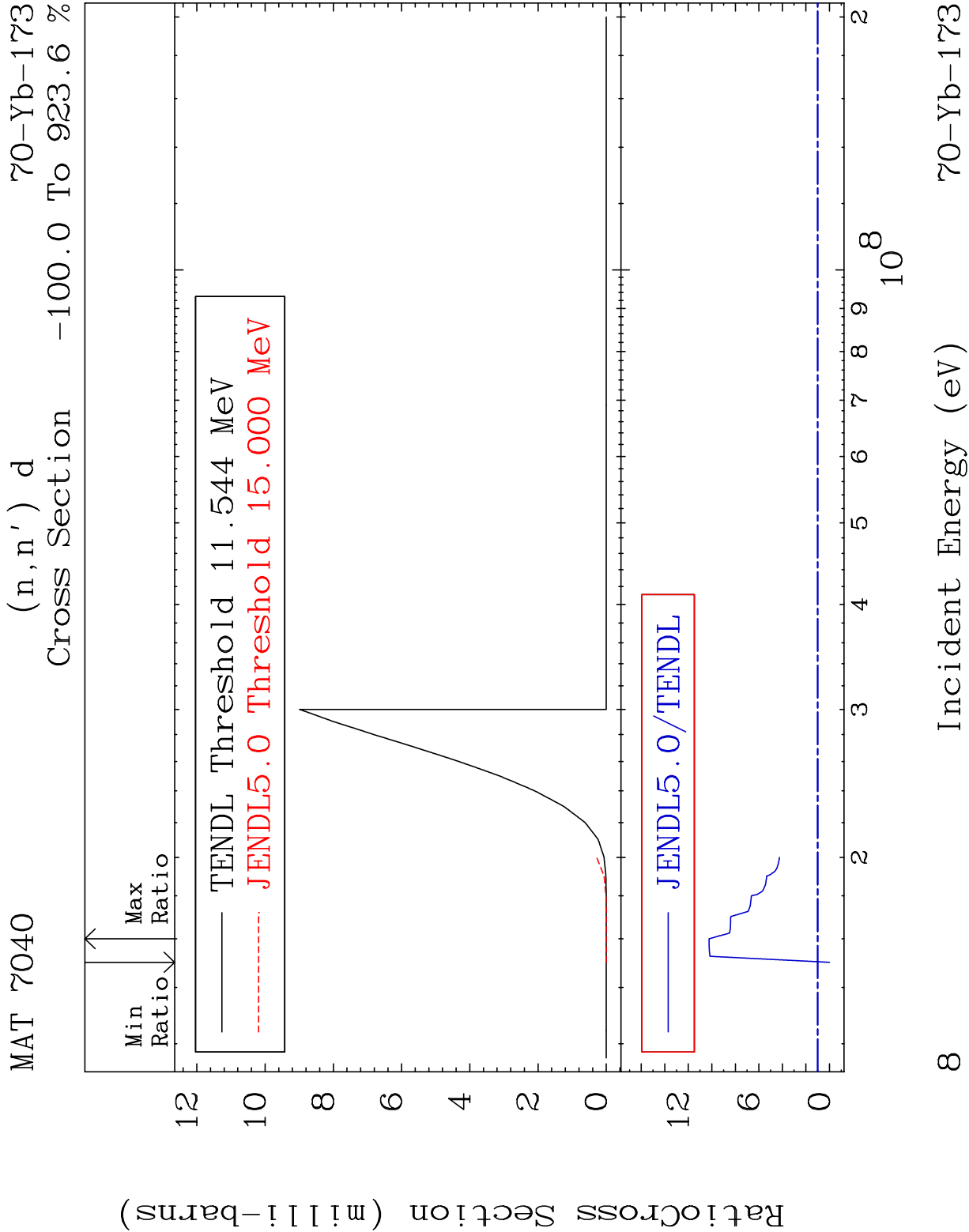




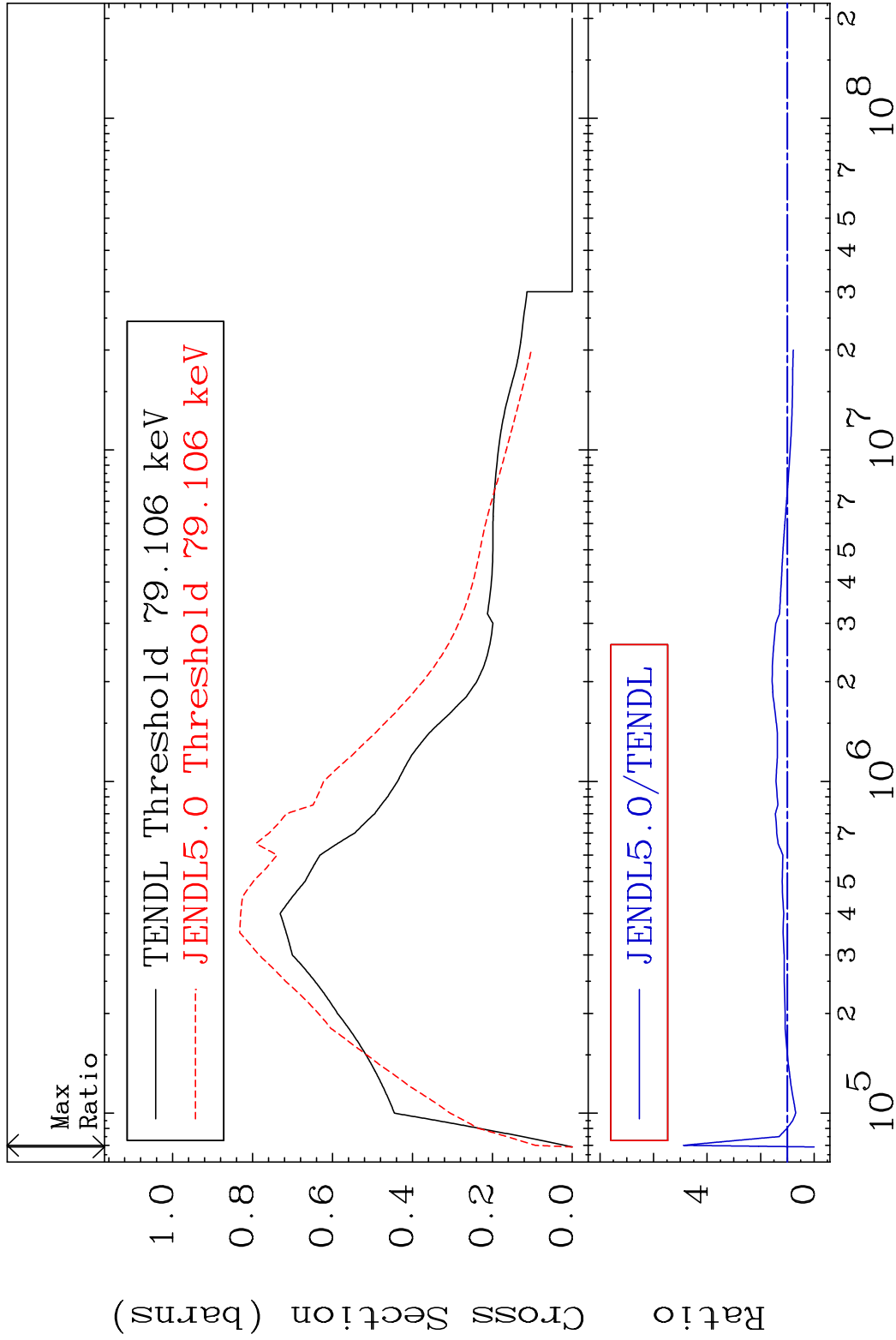


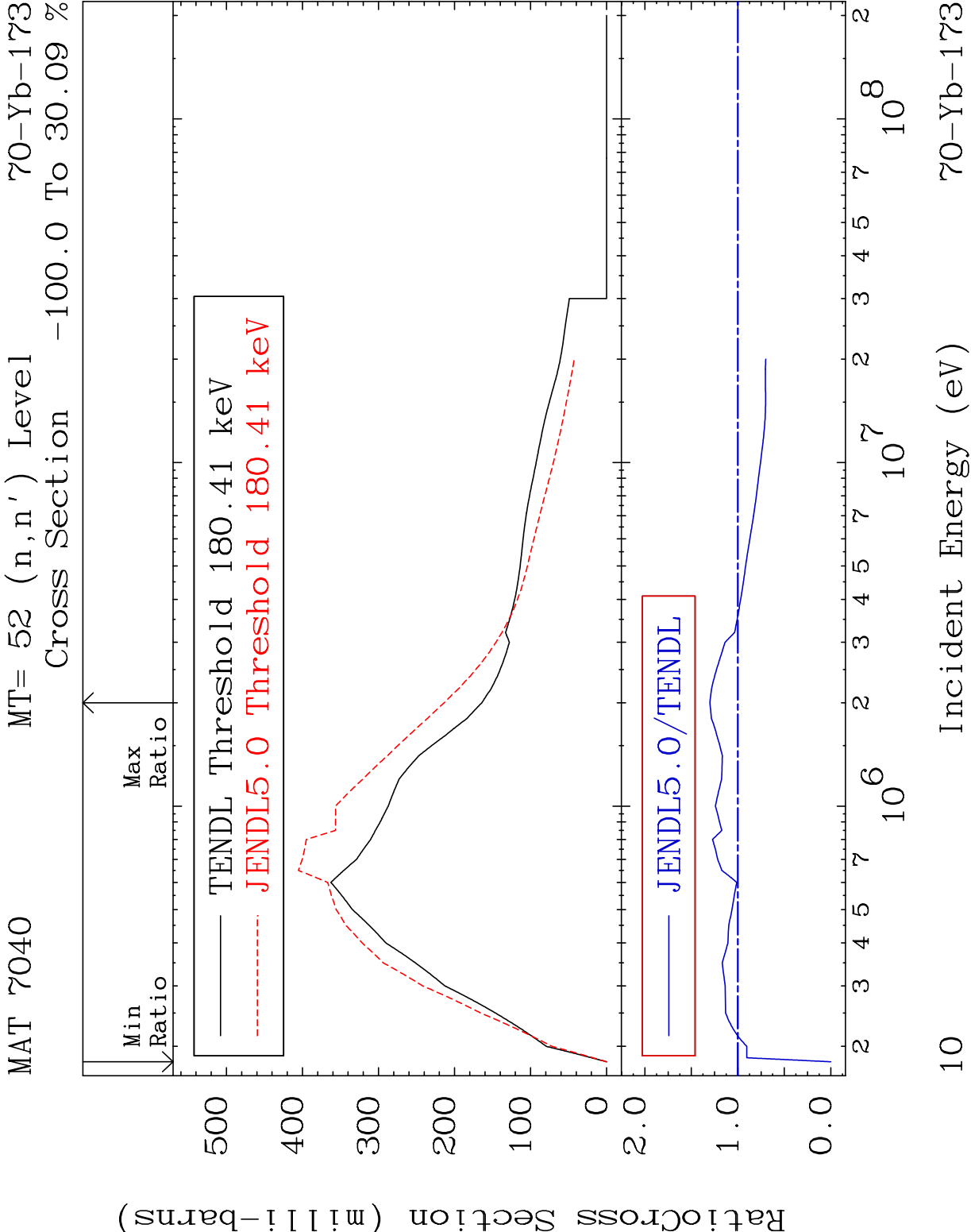


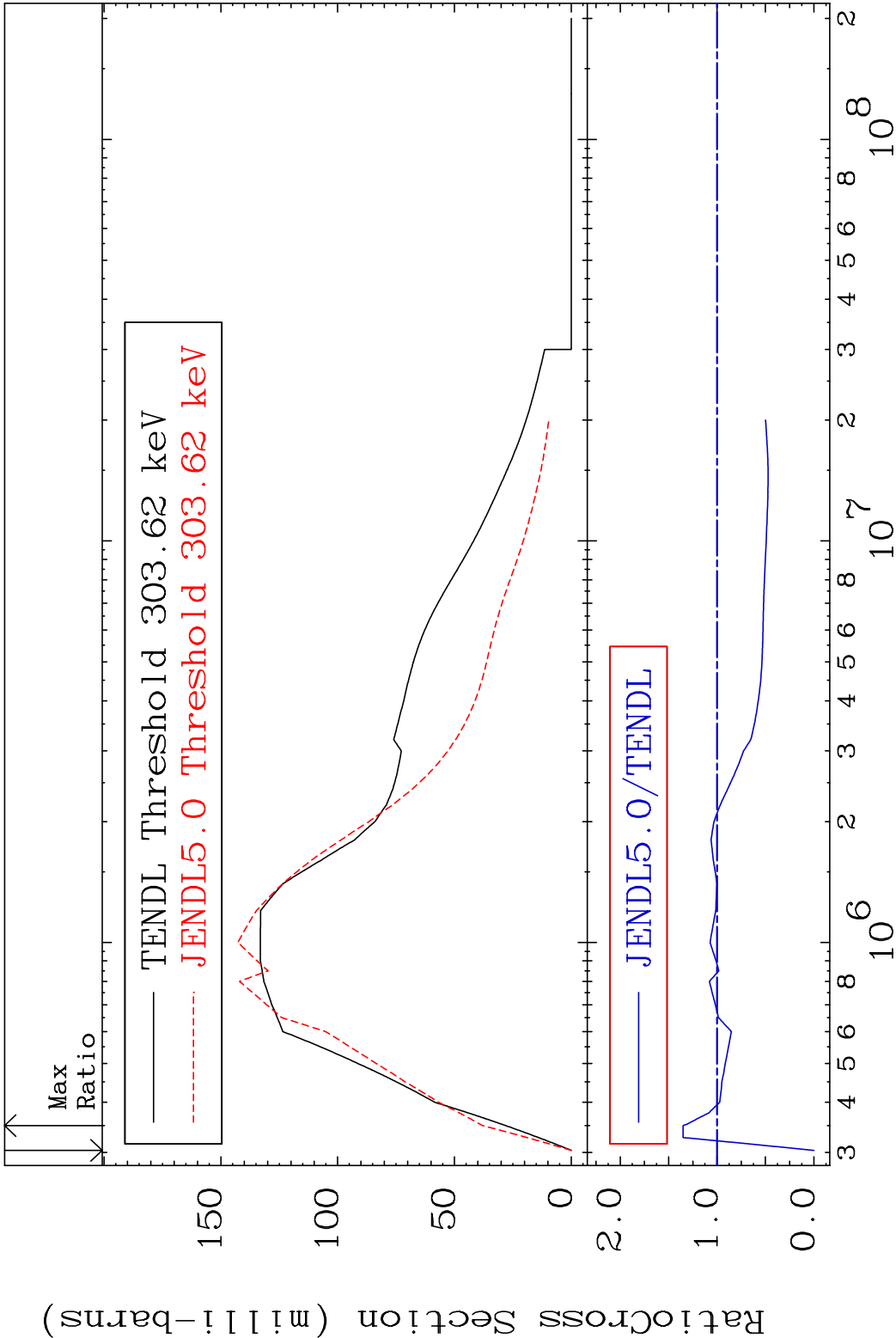


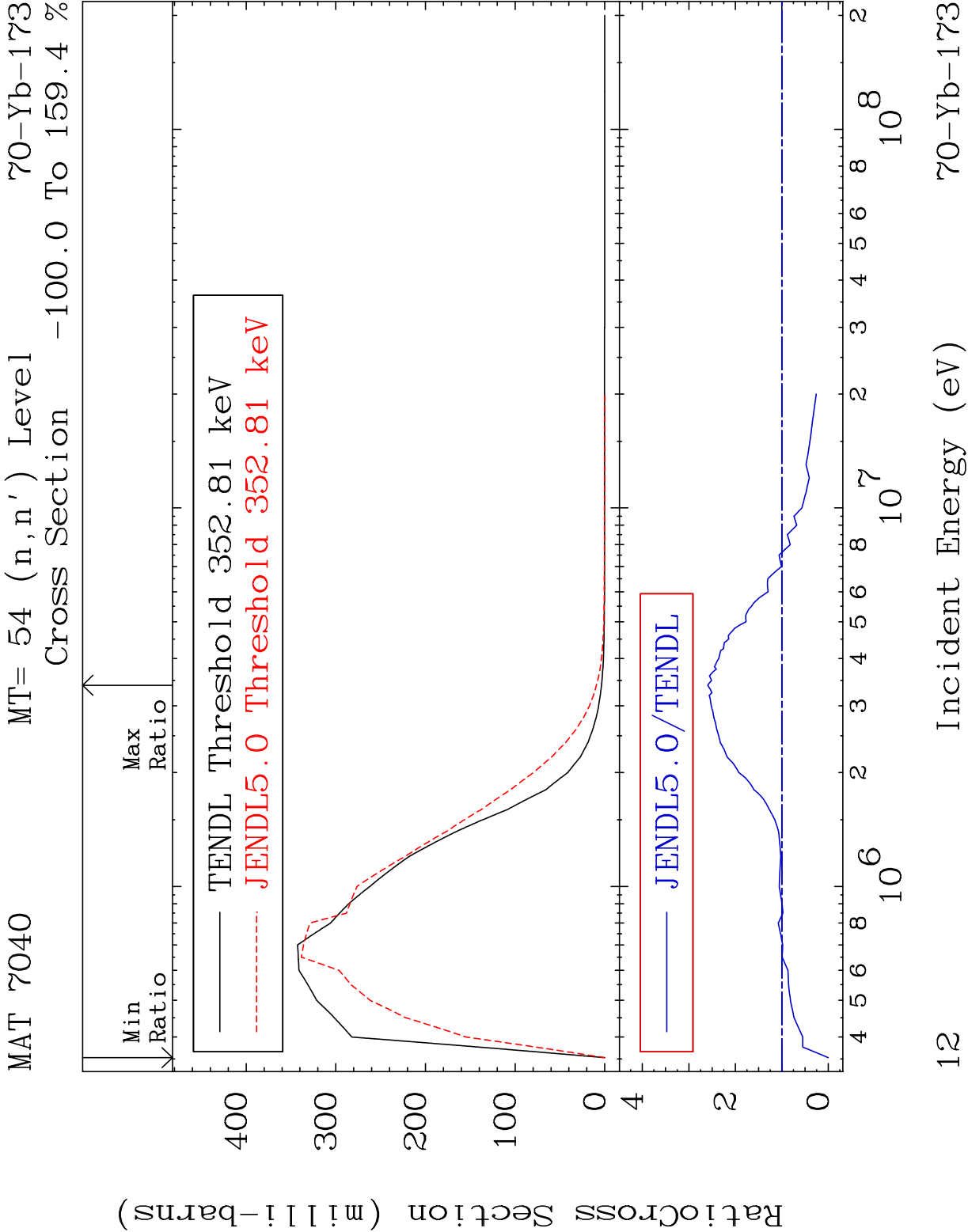


MAT 7040 MT= 51 (n,n') Level 70-Yb-173
Cross Section -100.0 To 387.4 %



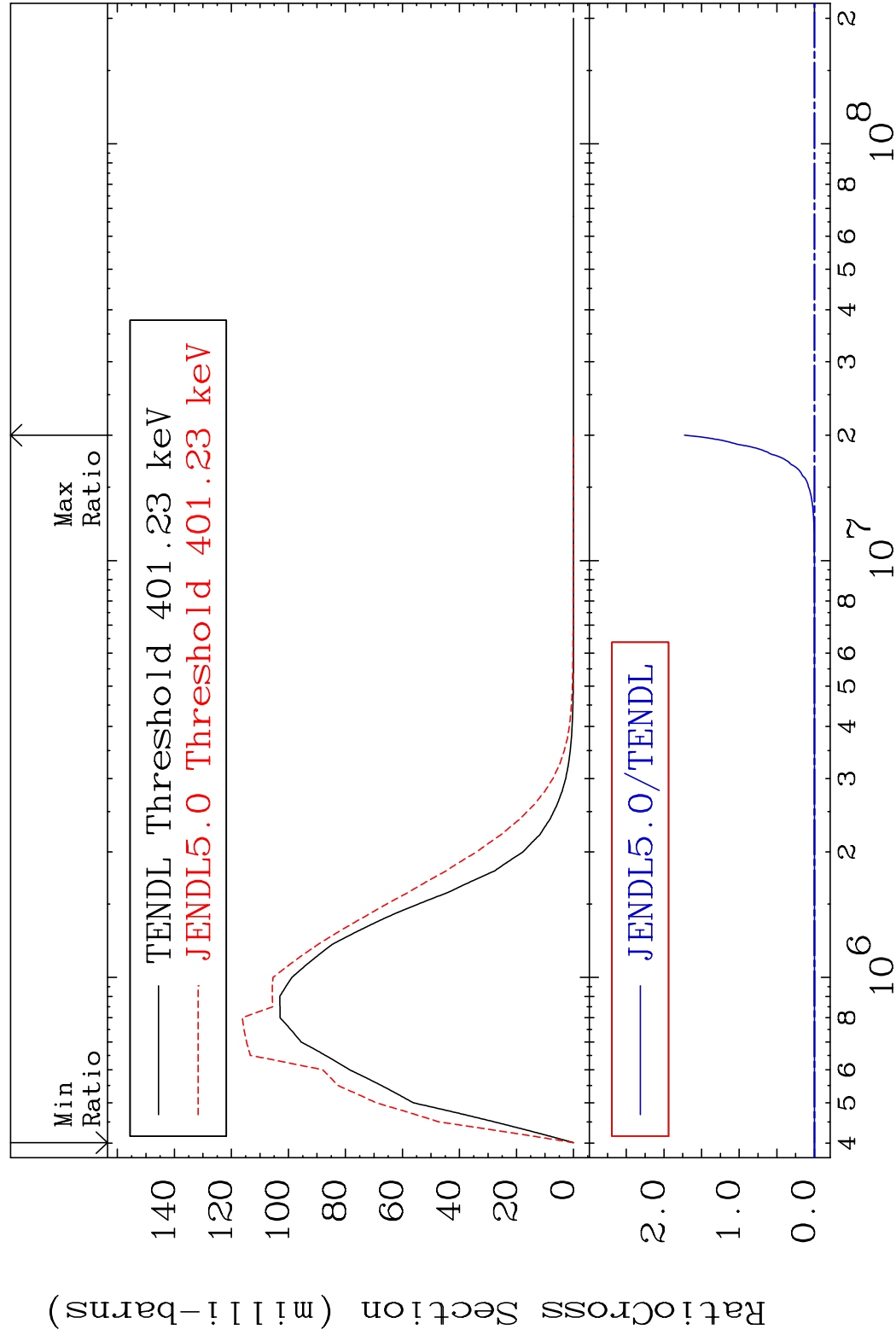


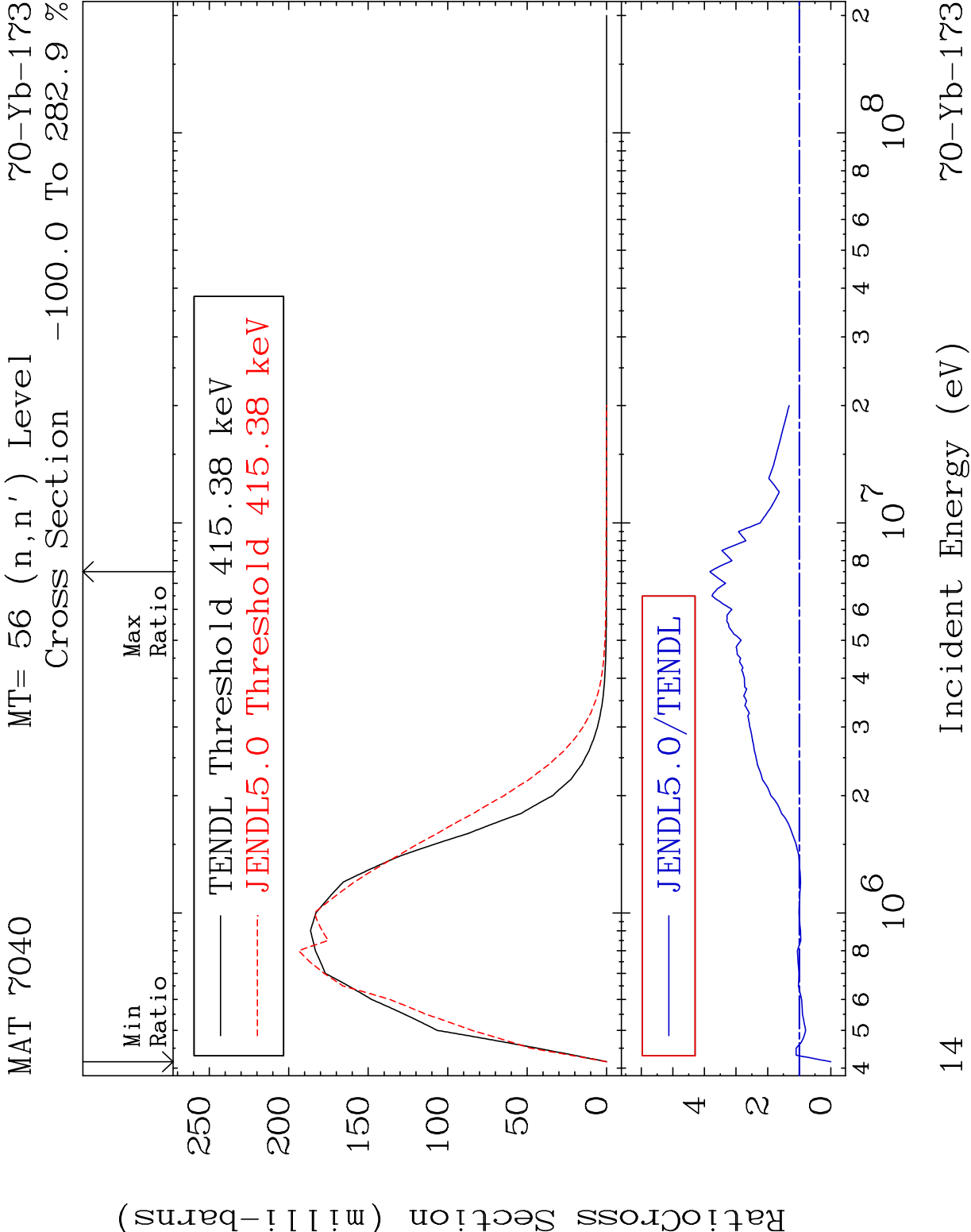




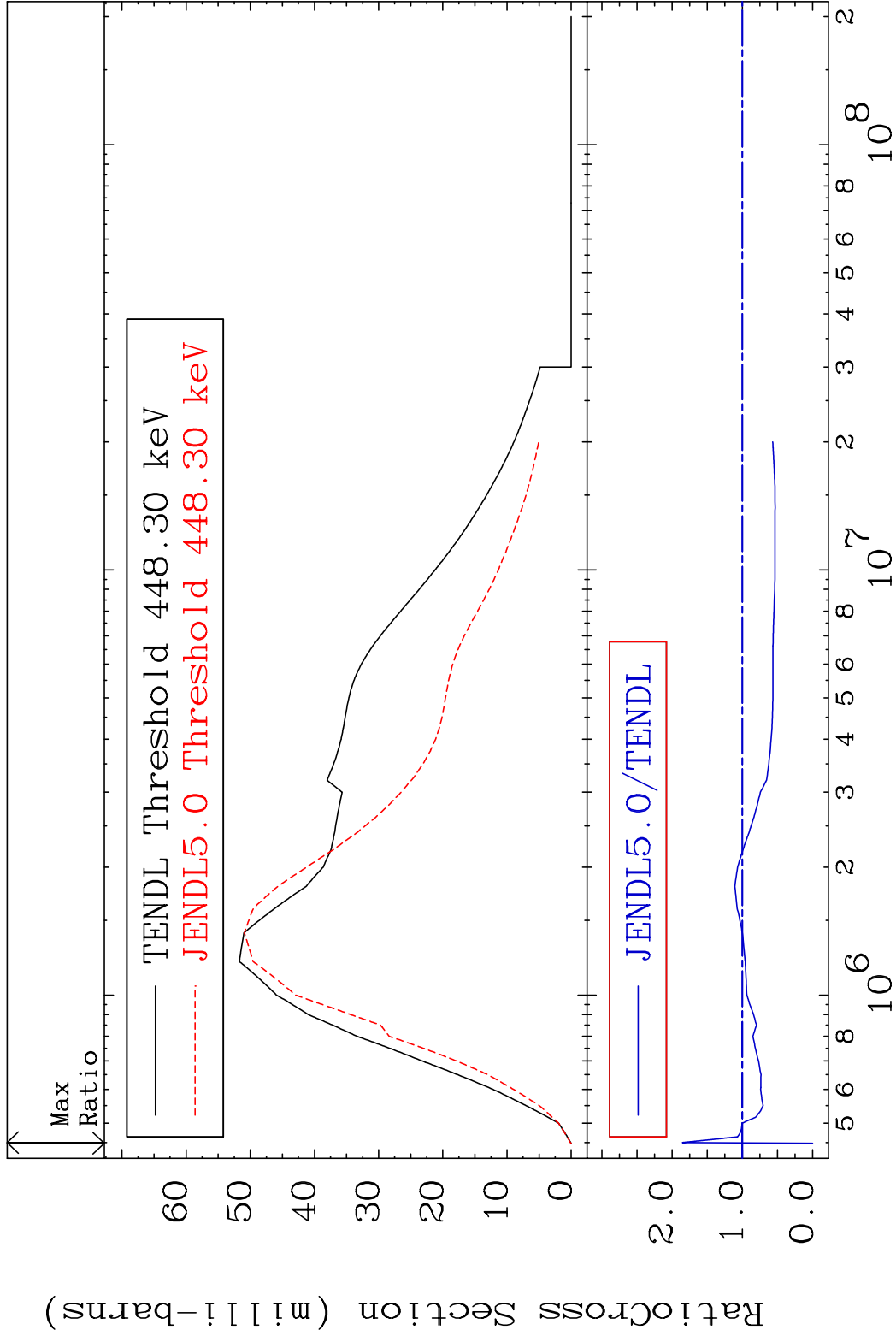
MAT 7040 MT= 55 (n,n') Level 70-Yb-173

Cross Section -100.0 To 9999. %



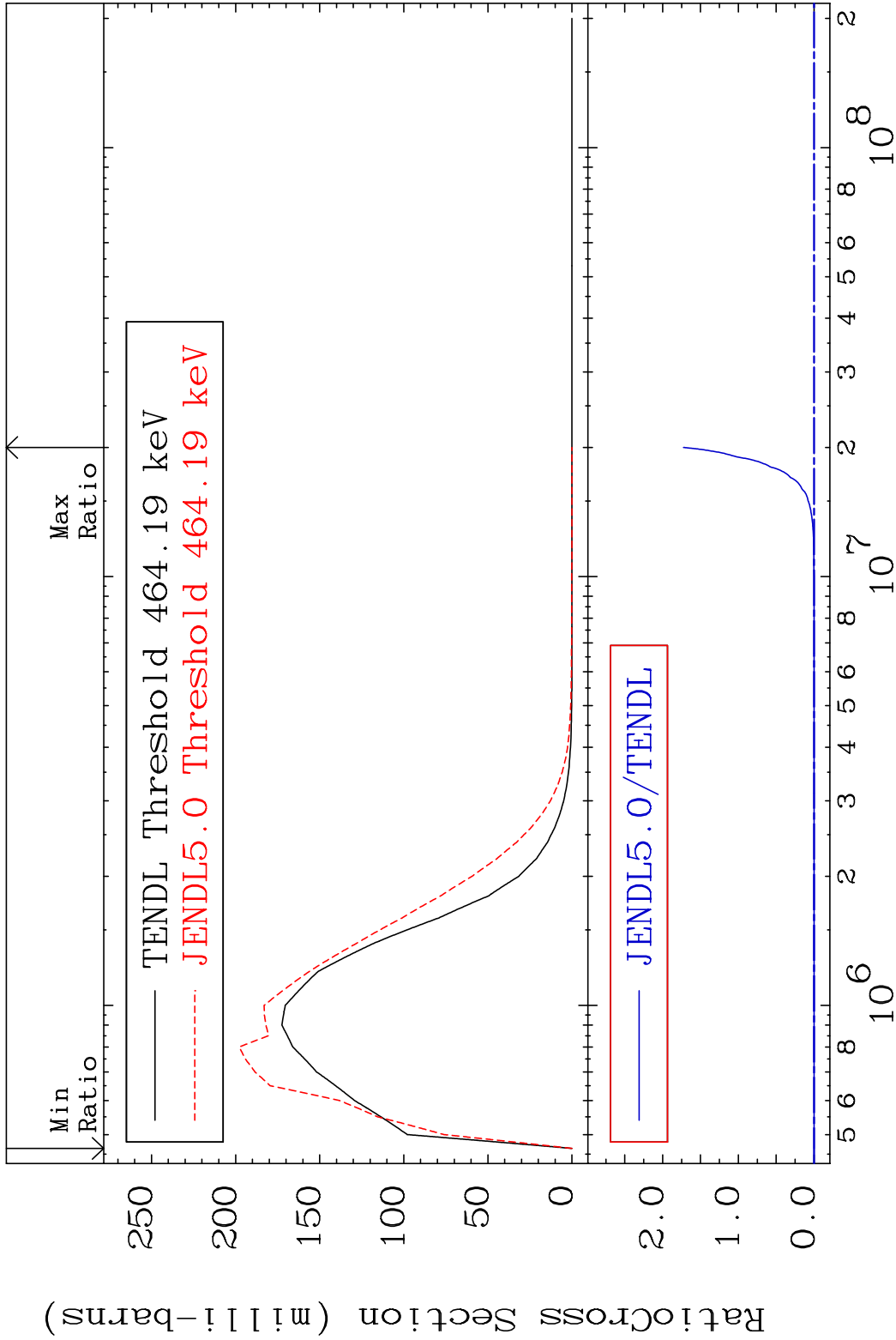


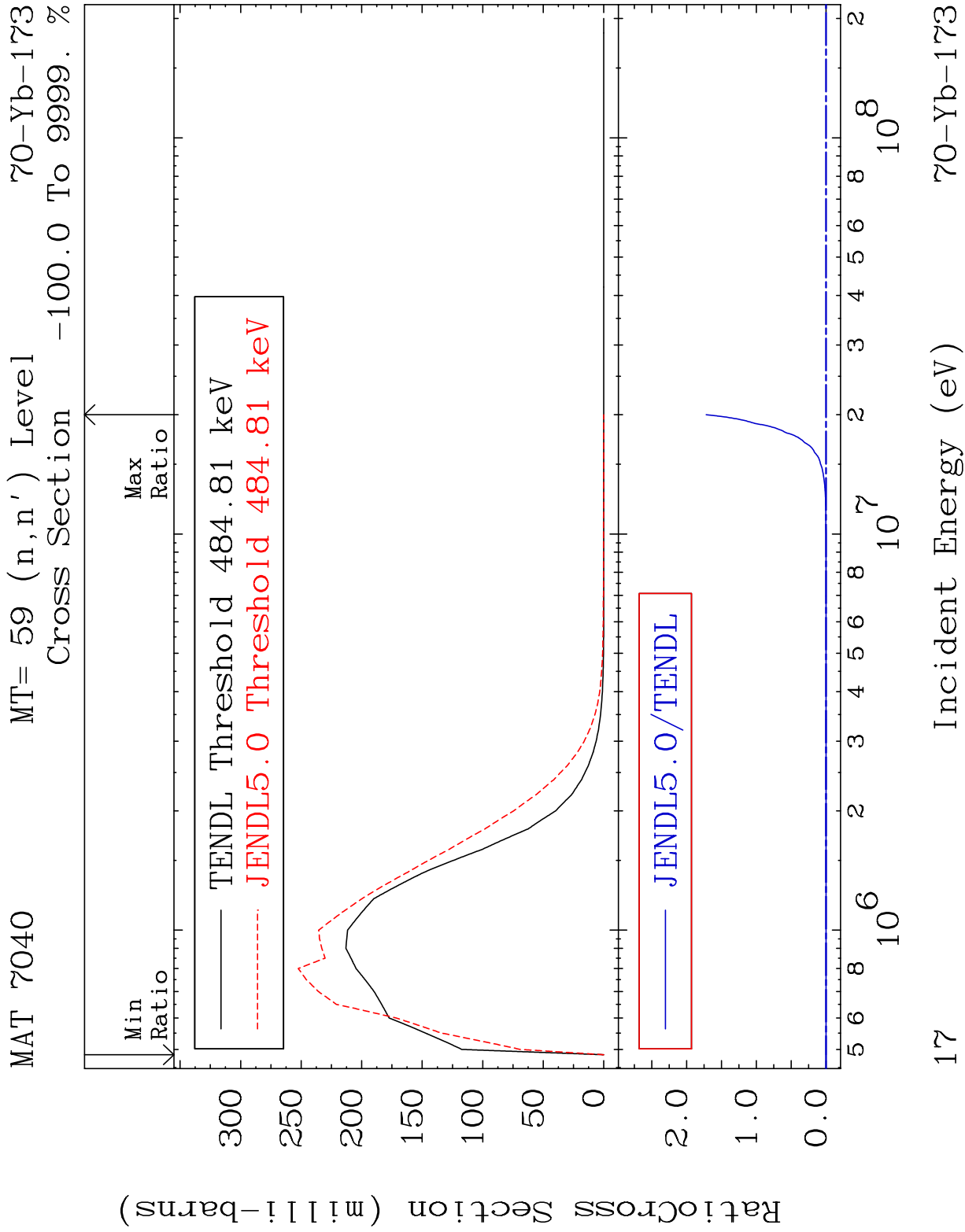
MAT 7040 MT= 57 (n,n') Level 70-Yb-173
Cross Section -100.0 To 85.37 %

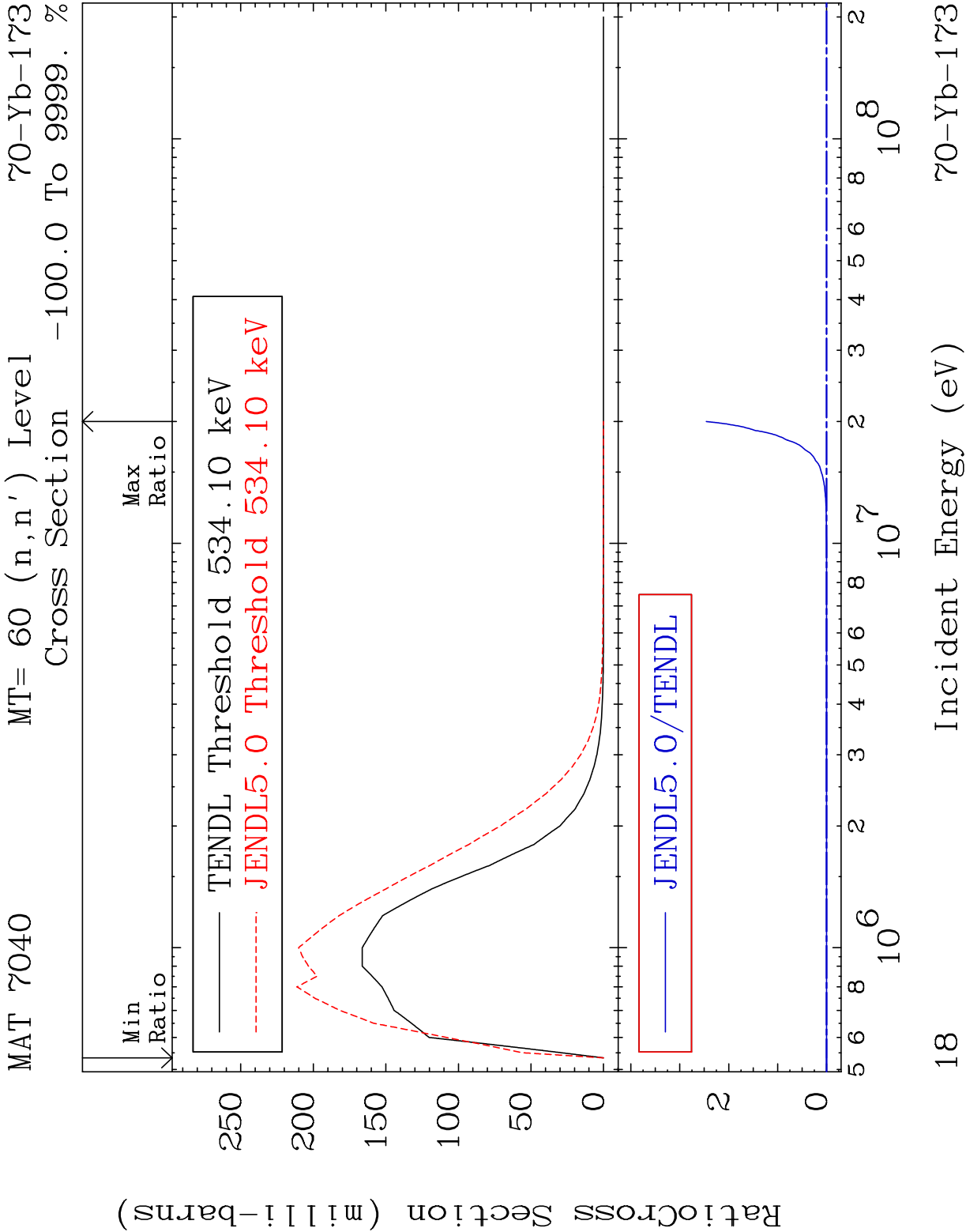


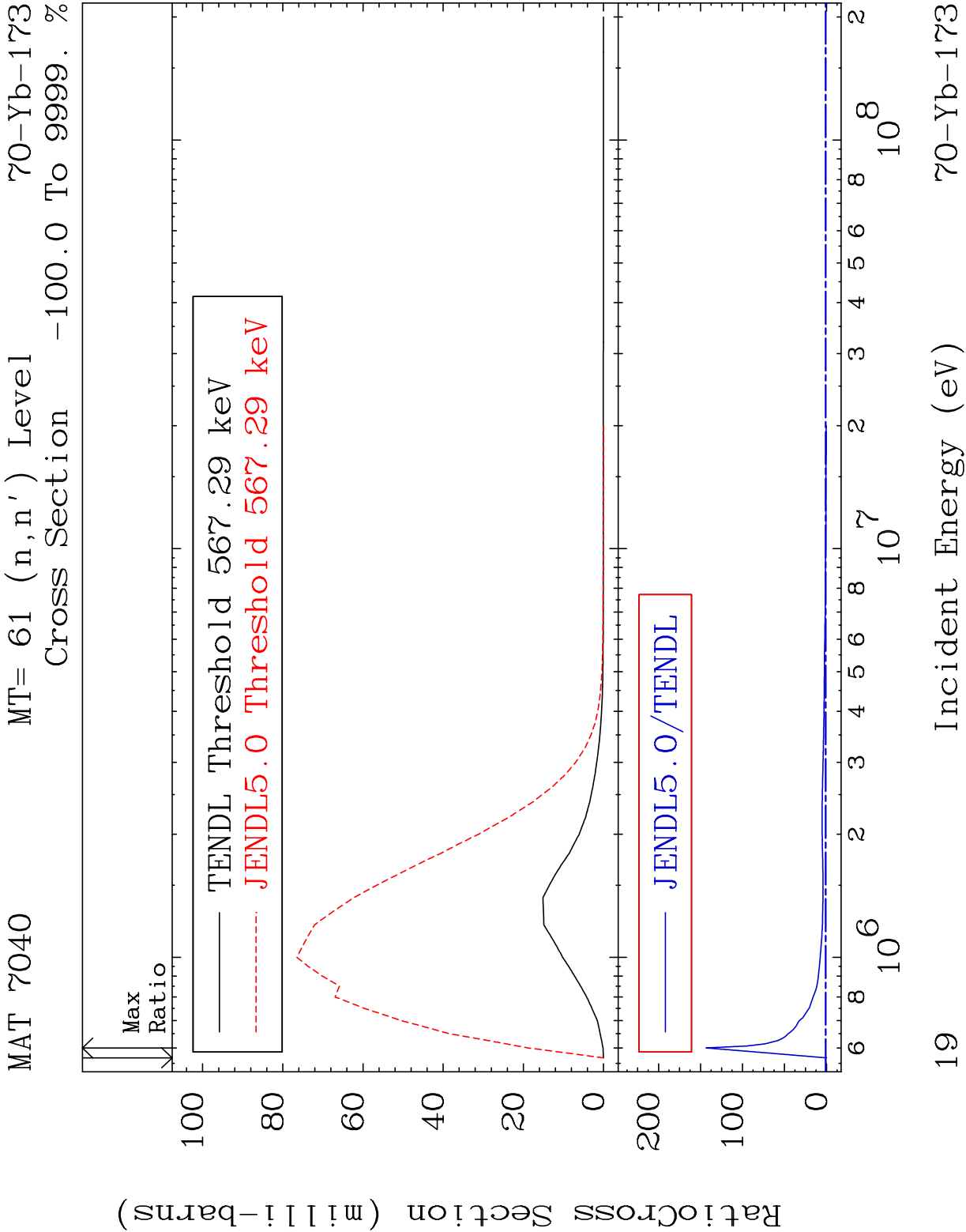
MAT 7040 MT= 58 (n,n') Level 70-Yb-173

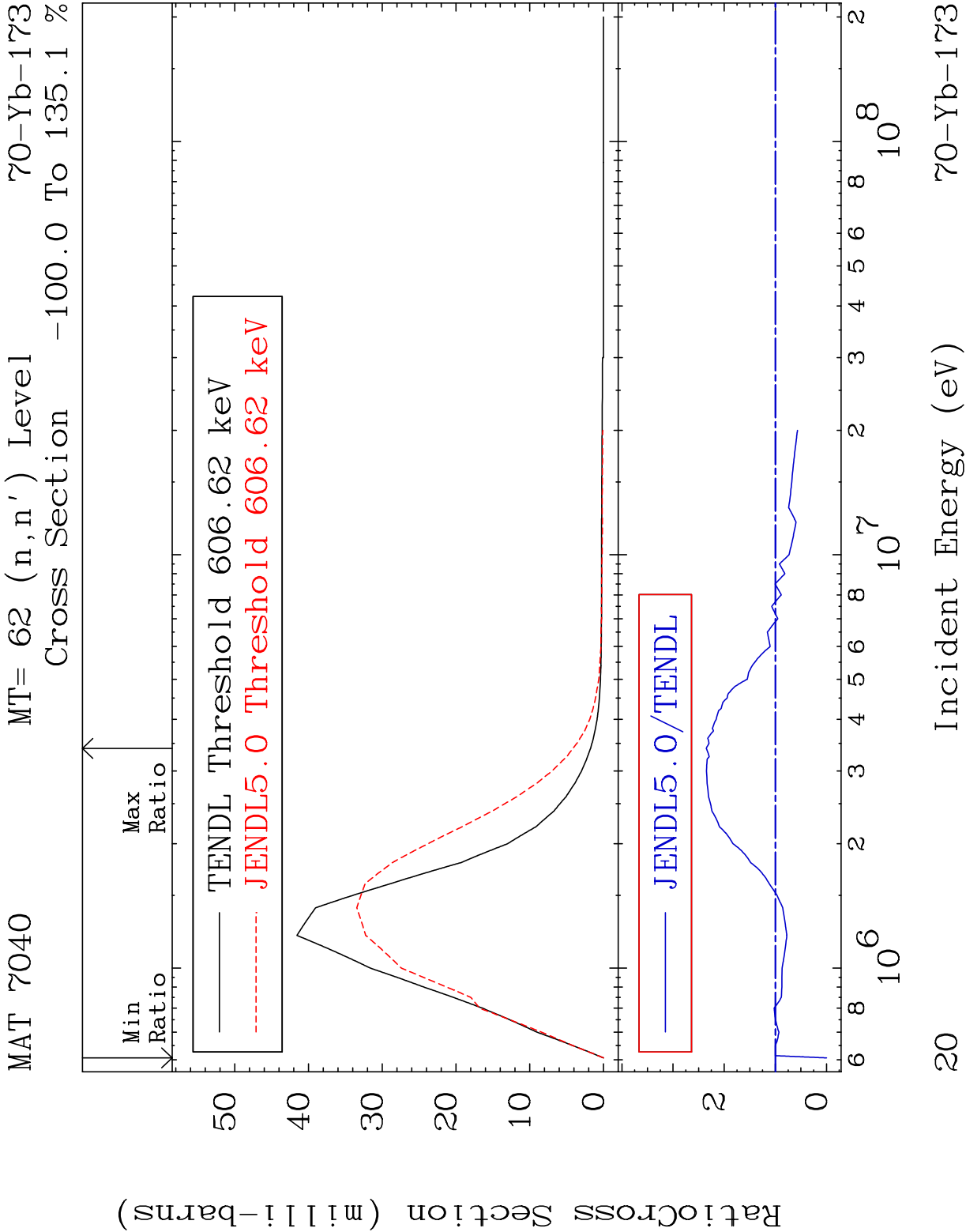
Cross Section -100.0 To 9999. %



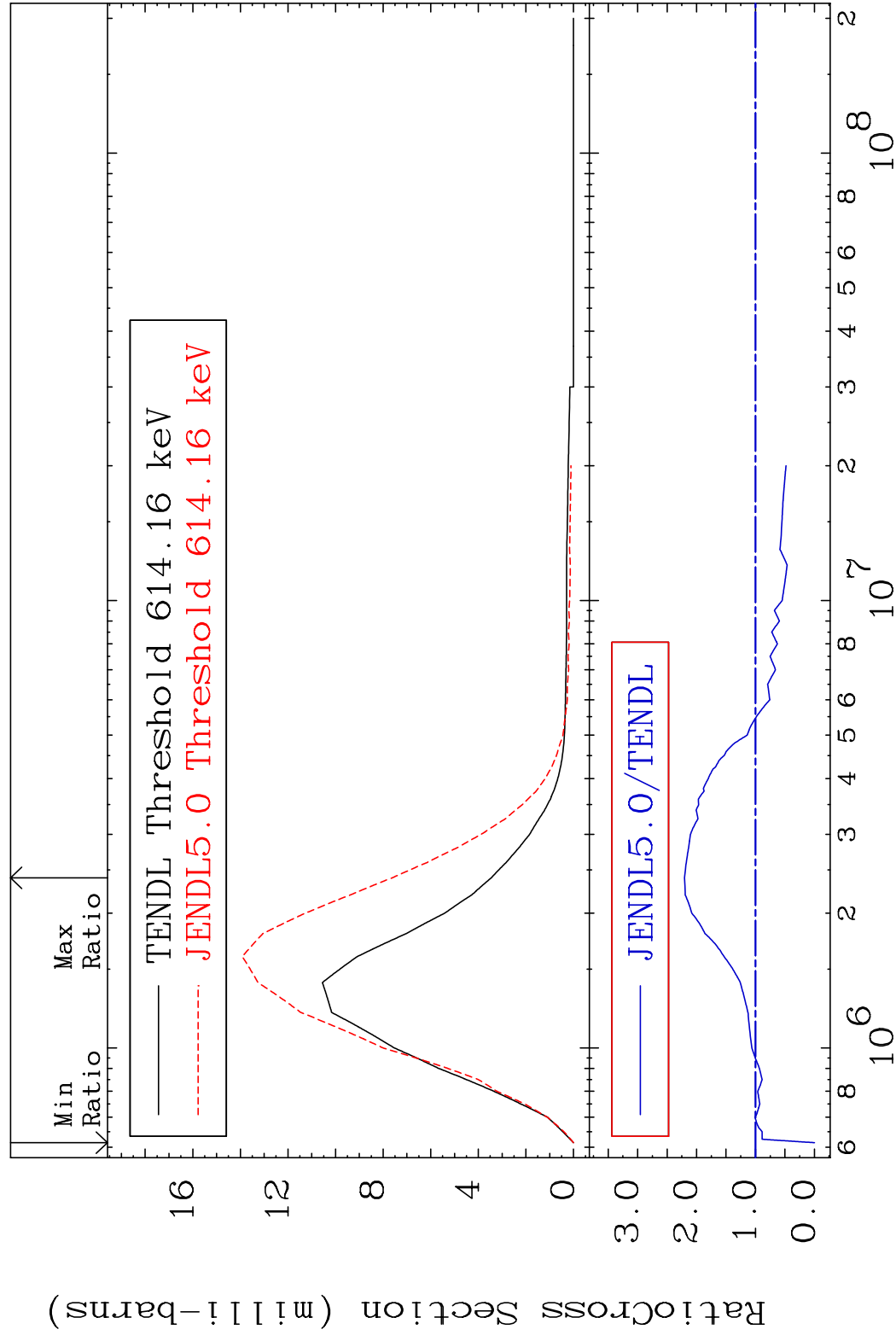




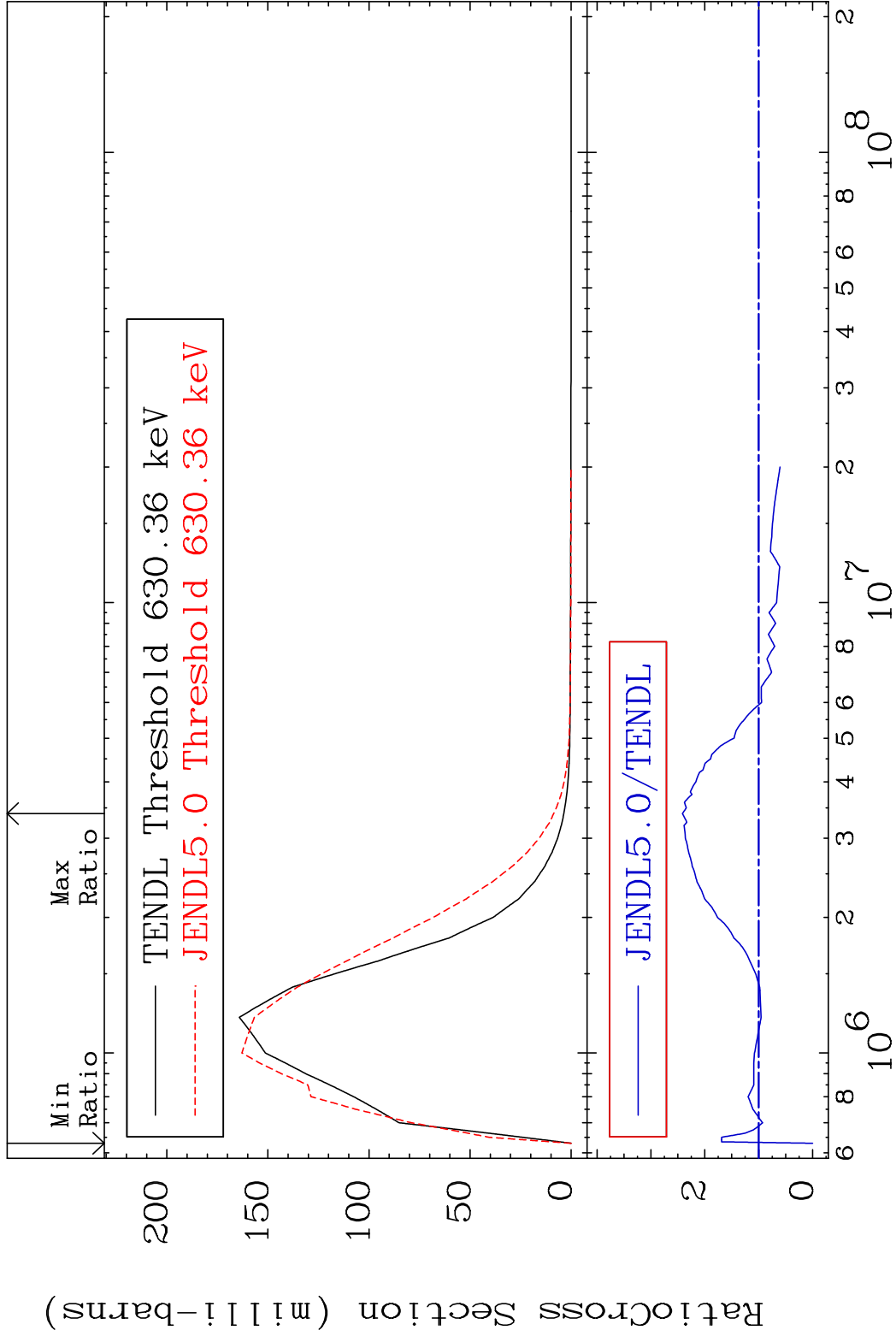


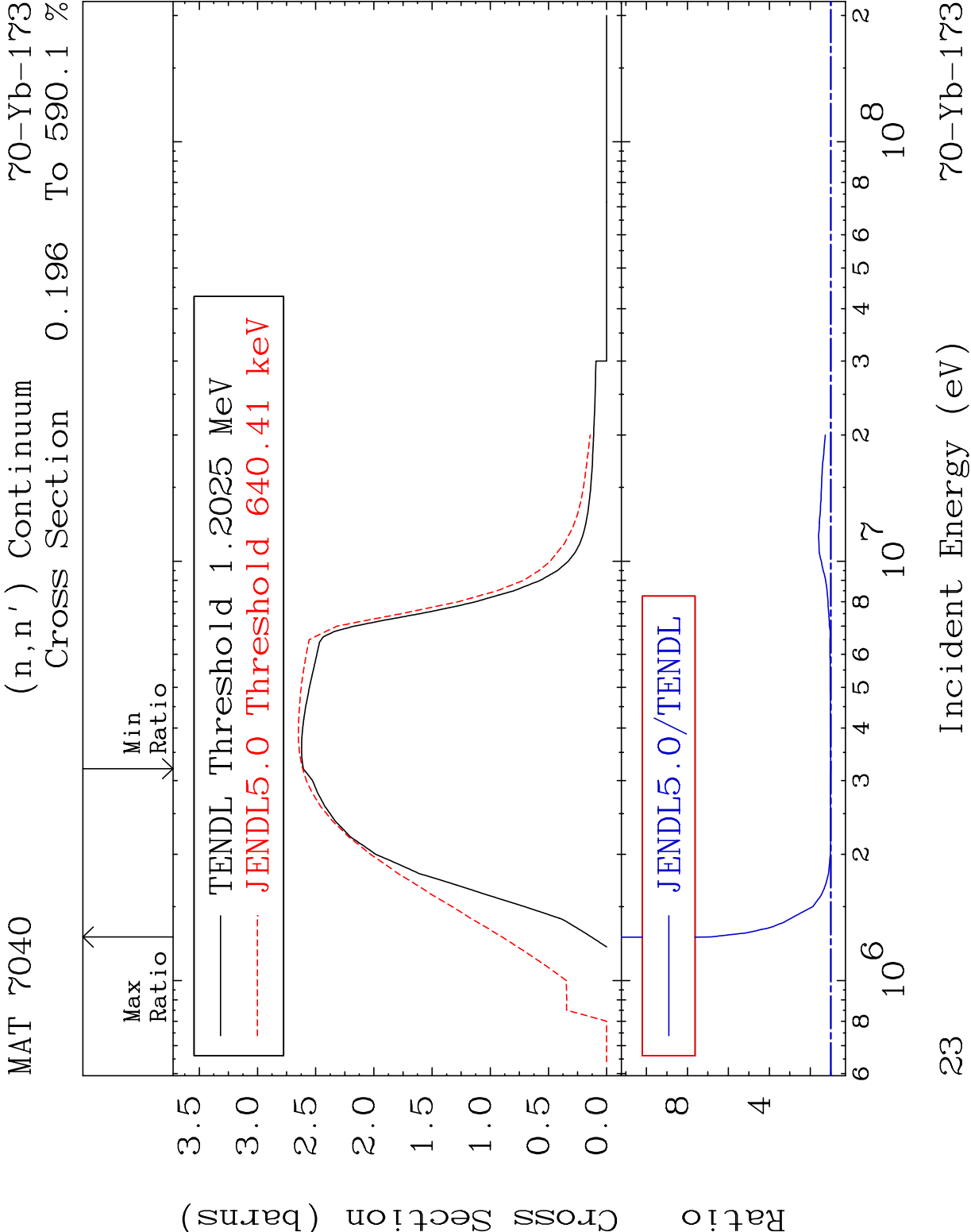


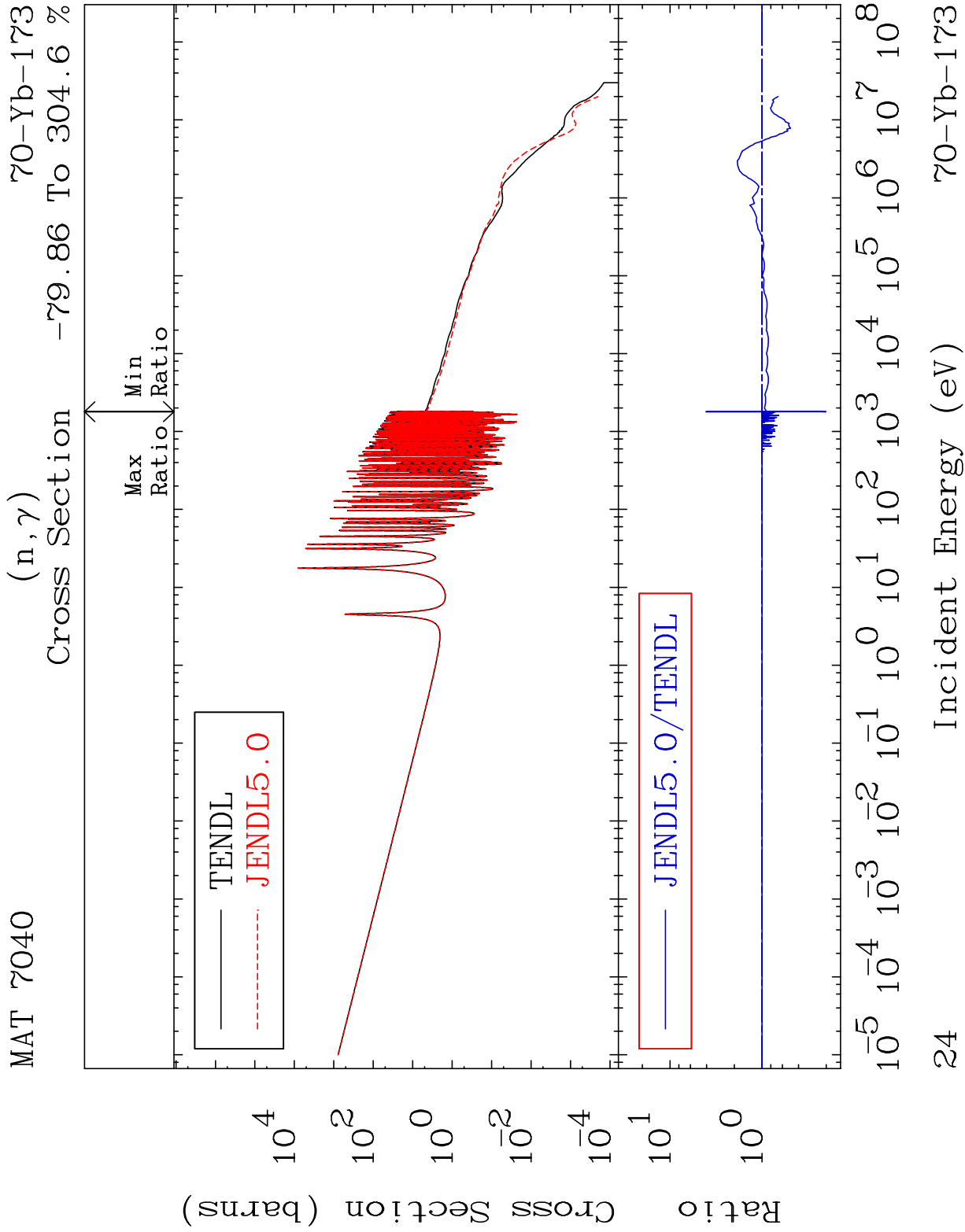
MAT 7040 MT= 63 (n,n') Level 70-Yb-173
Cross Section -100.0 To 120.5 %

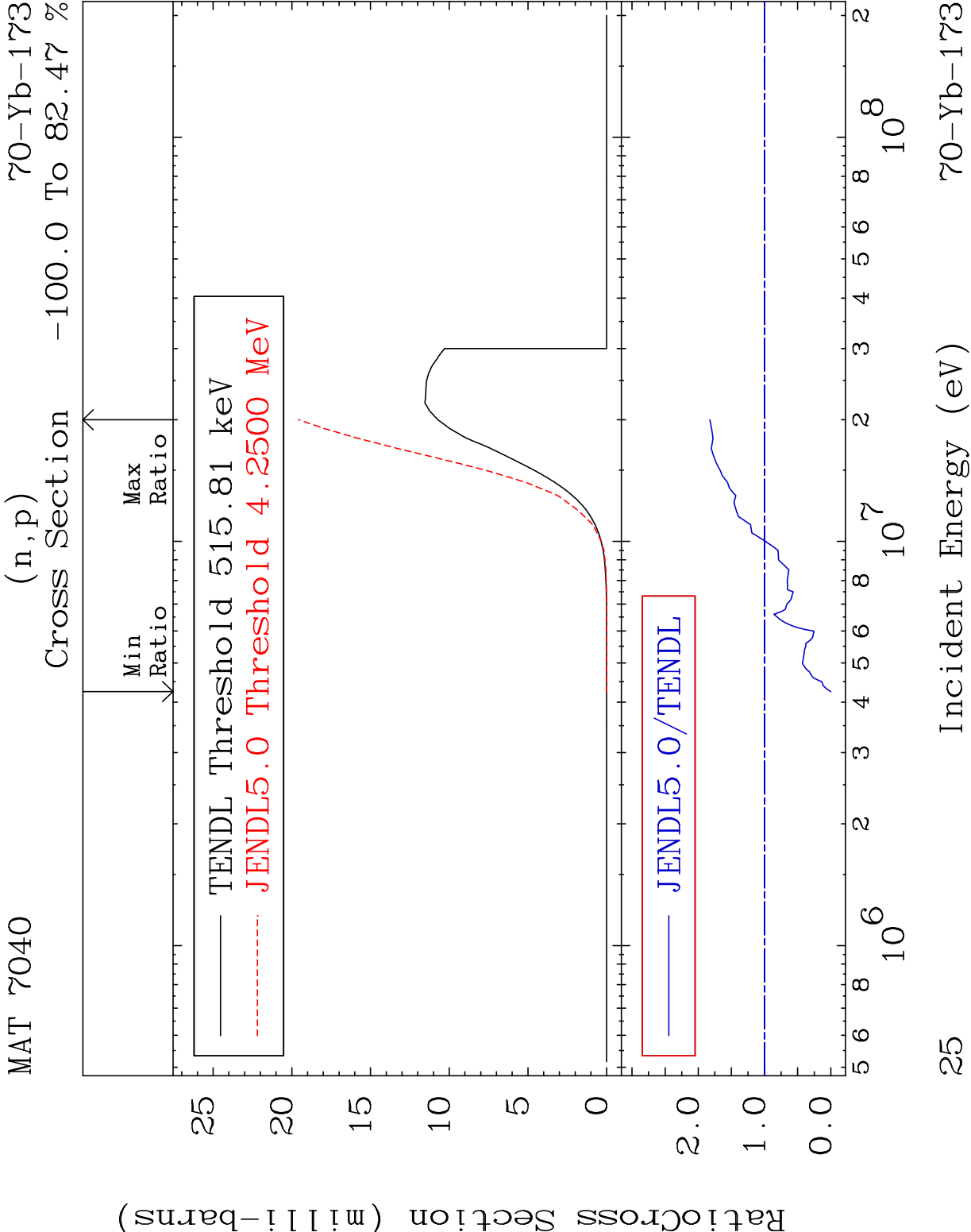


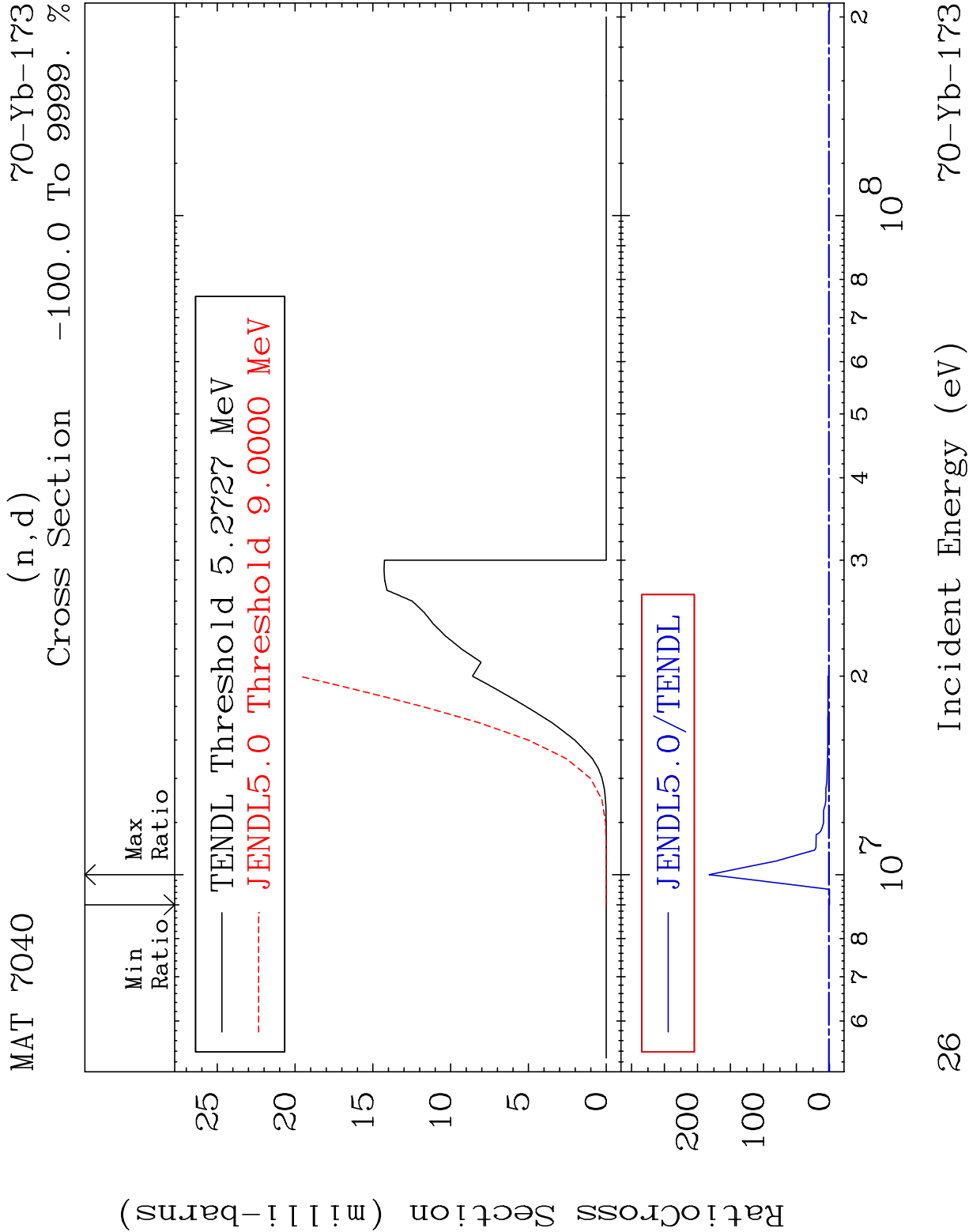
MAT 7040 MT= 64 (n,n') Level 70-Yb-173
Cross Section -100.0 To 141.7 %

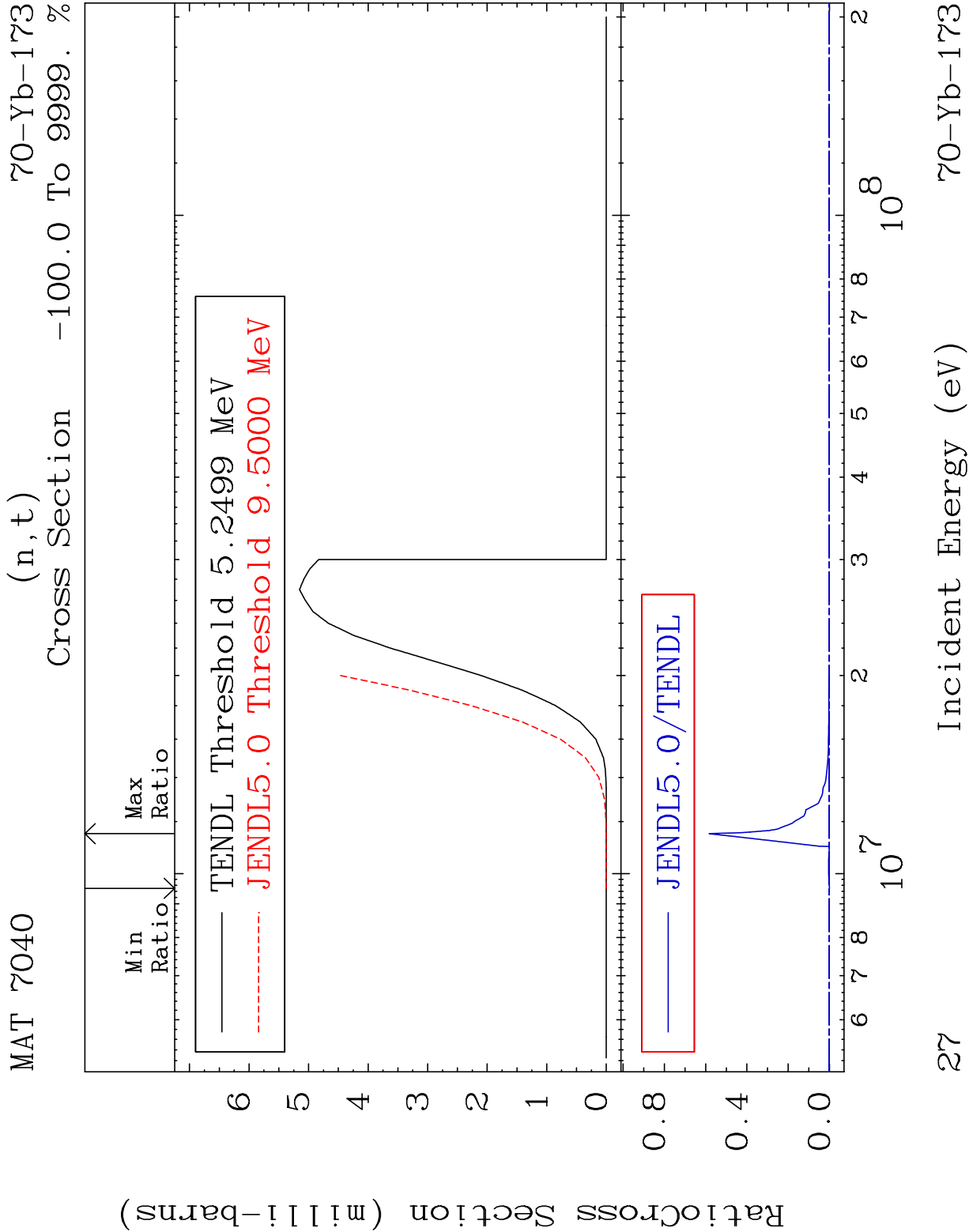


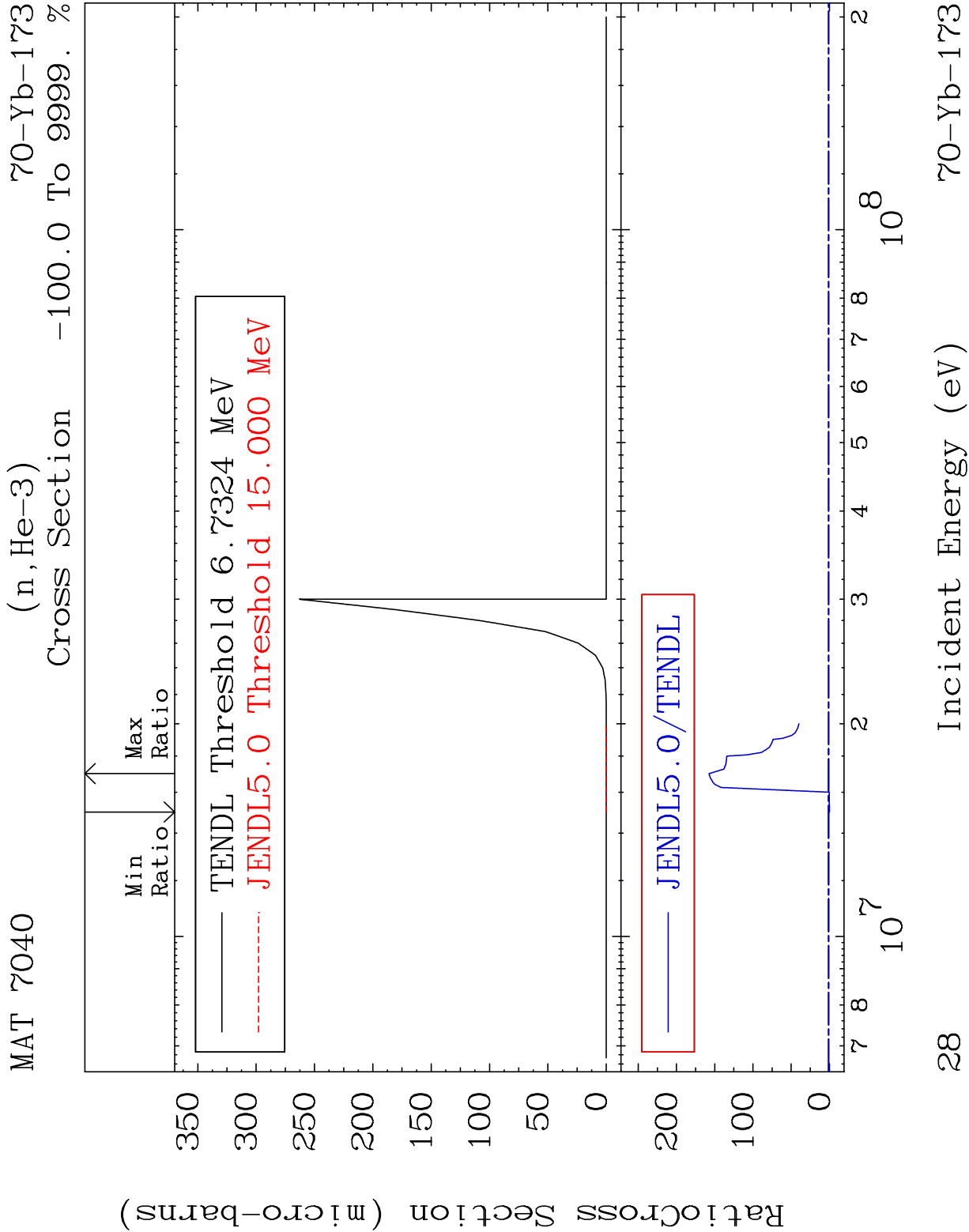


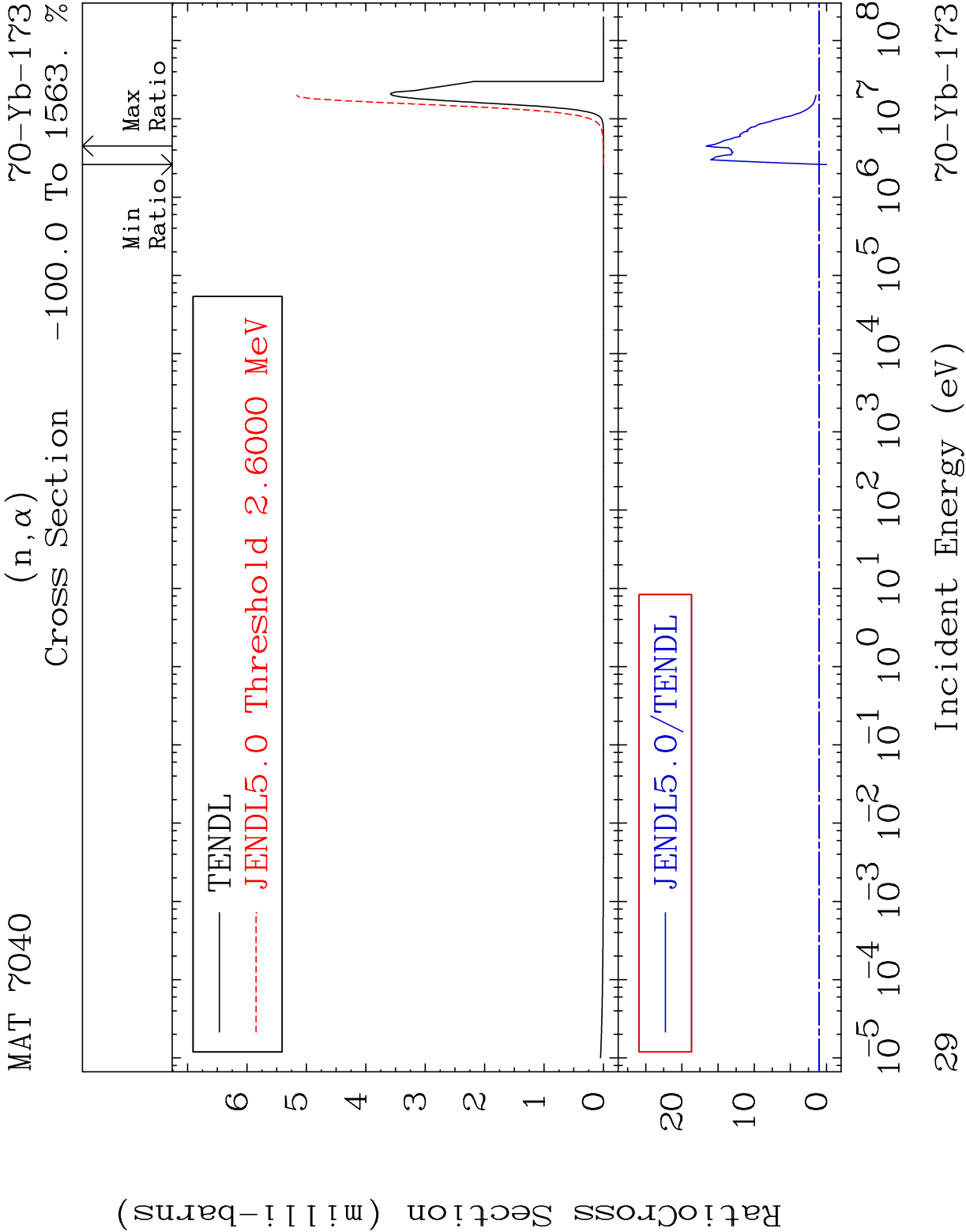


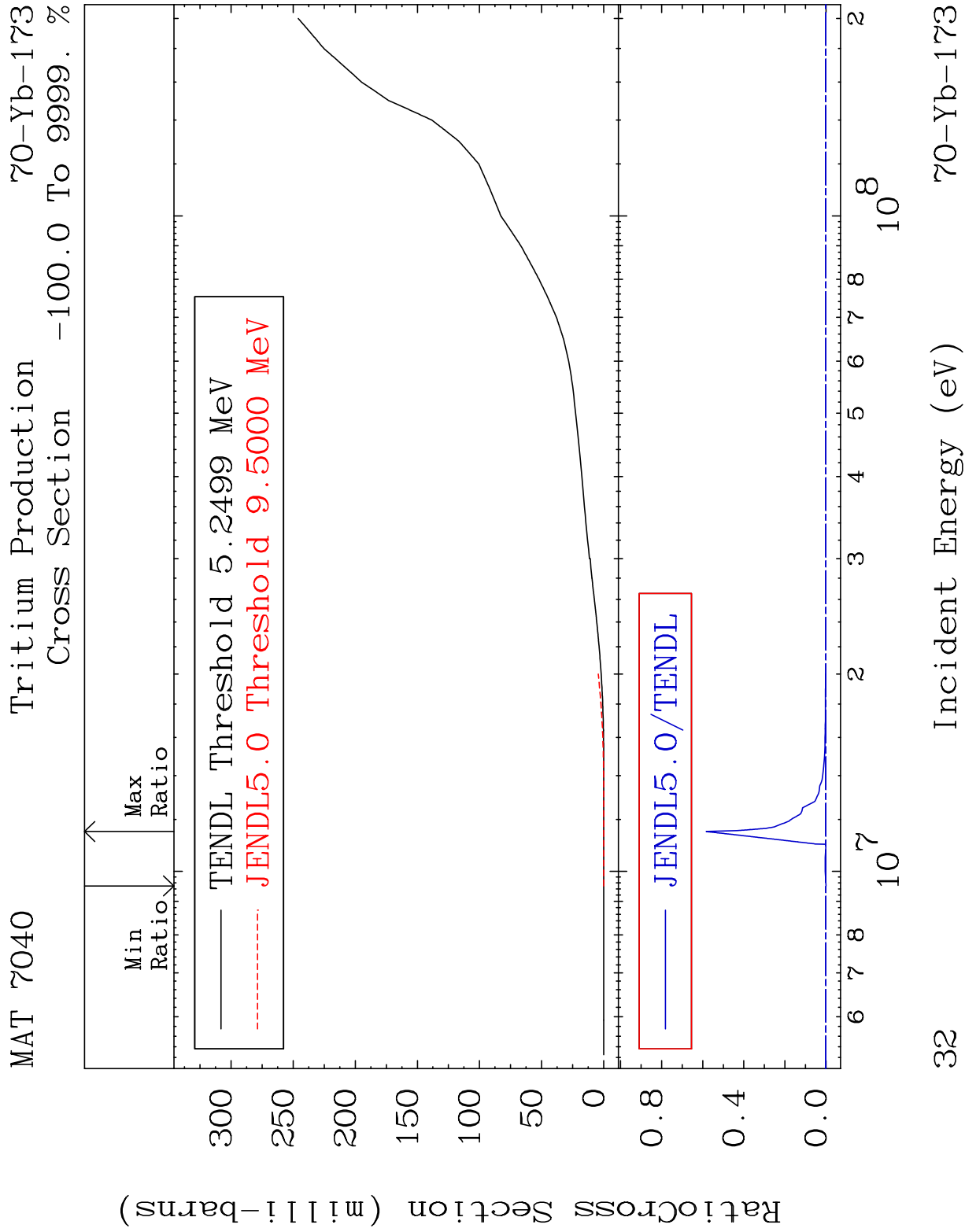


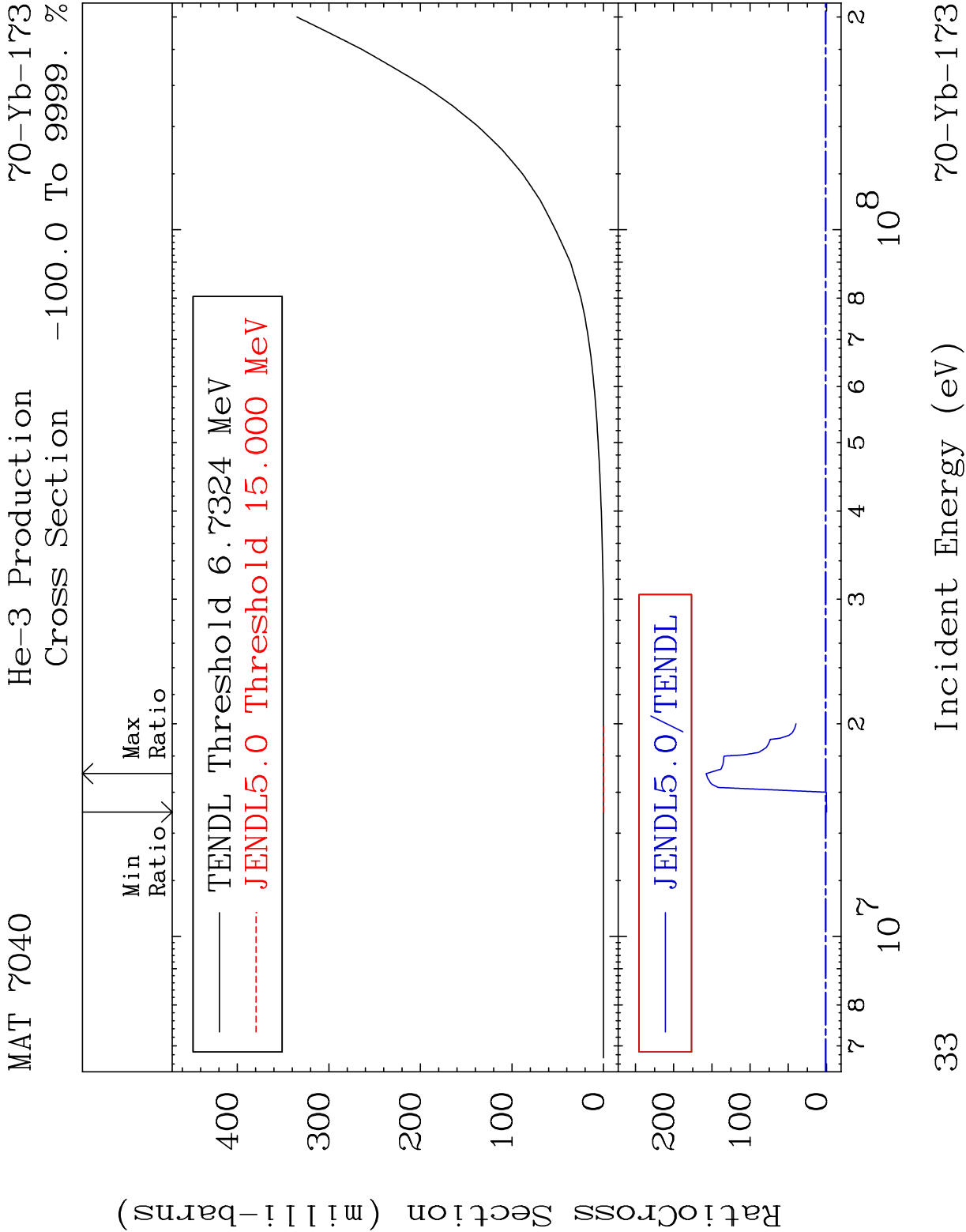










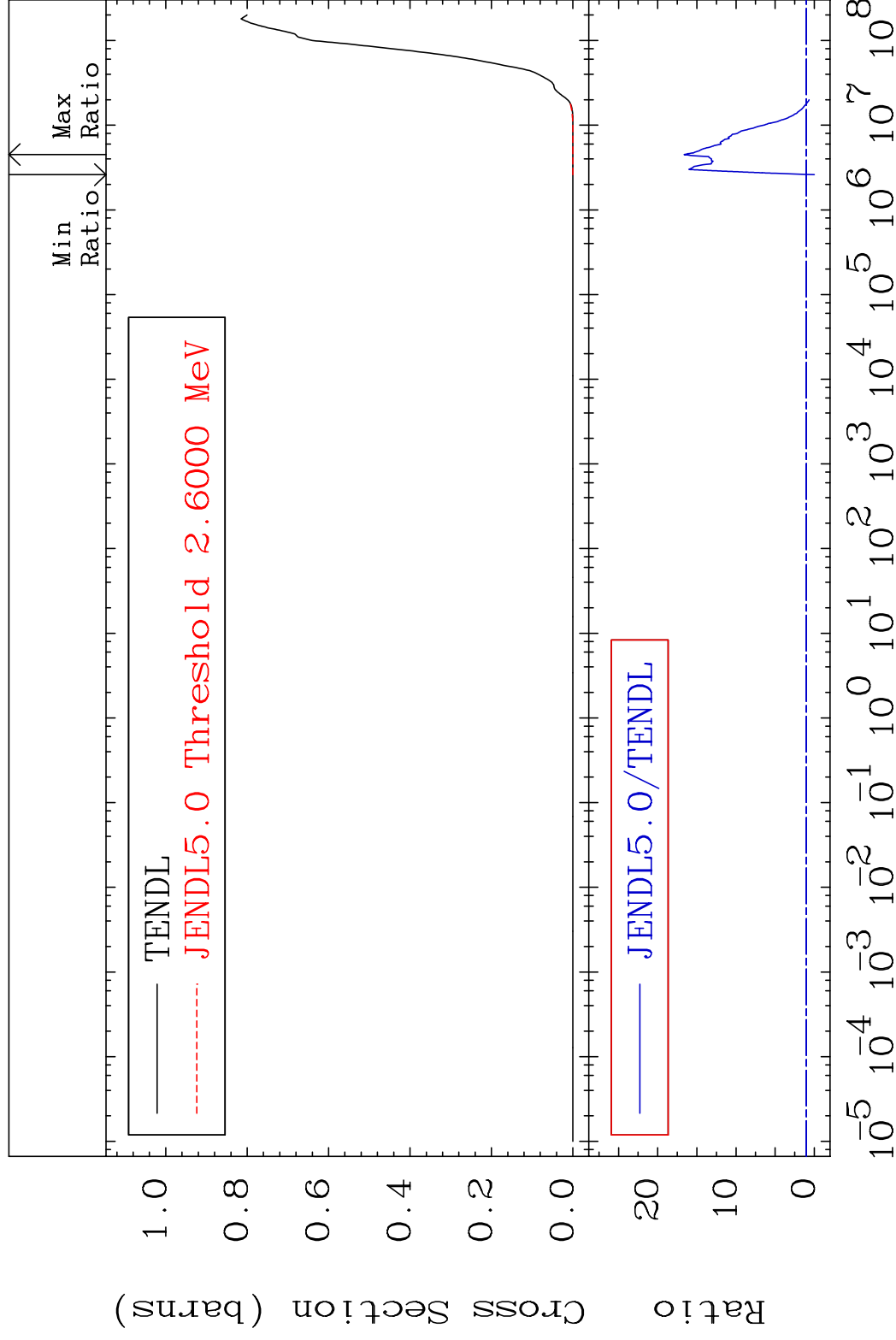


MAT 7040

He-4 Production

70-Yb-173

Cross Section	-100.0 To 1563. %



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Incident Energy (eV)

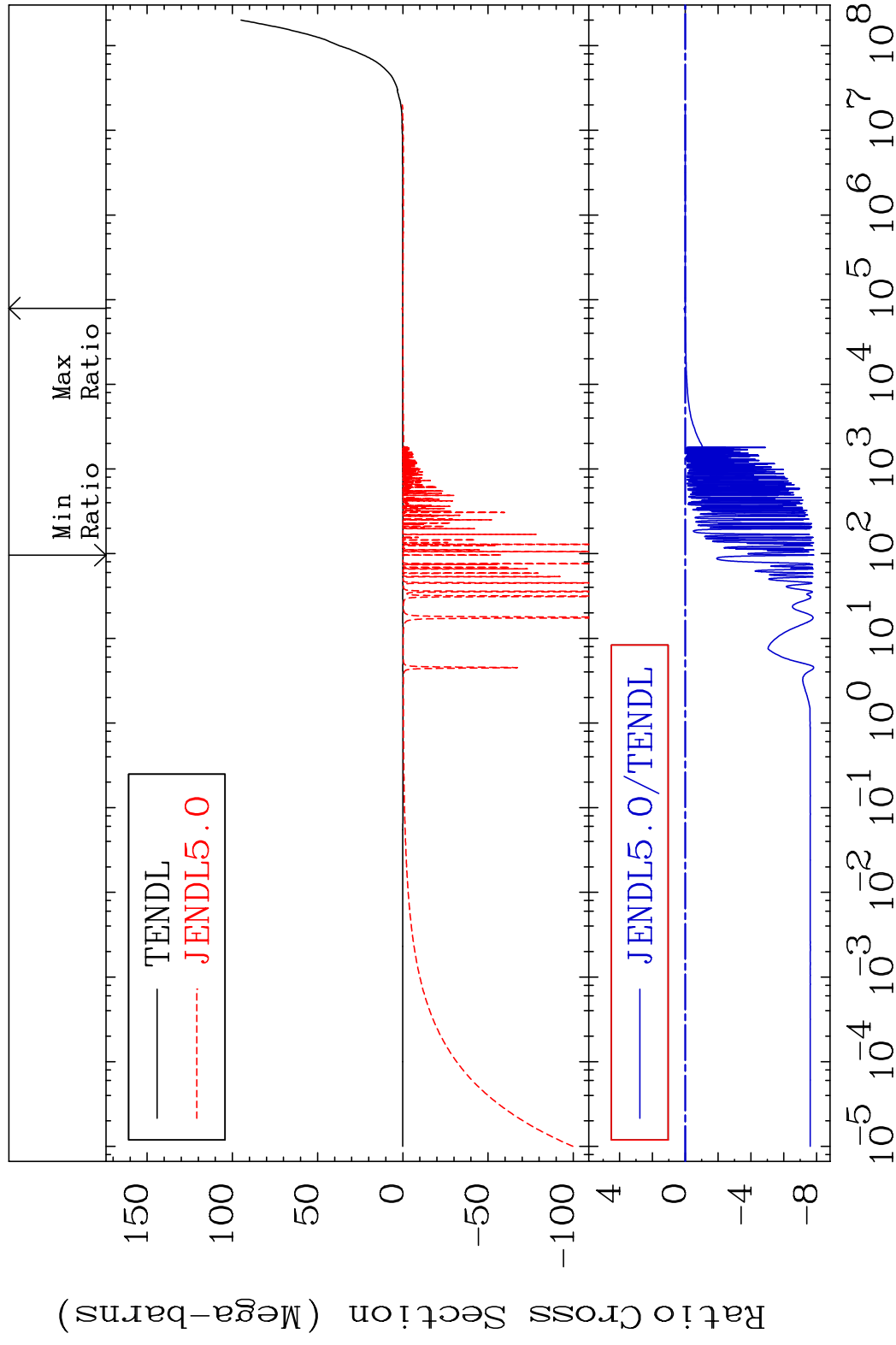
70-Yb-173

MAT 7040

Kerma total (eV-barns)

70-Yb-173

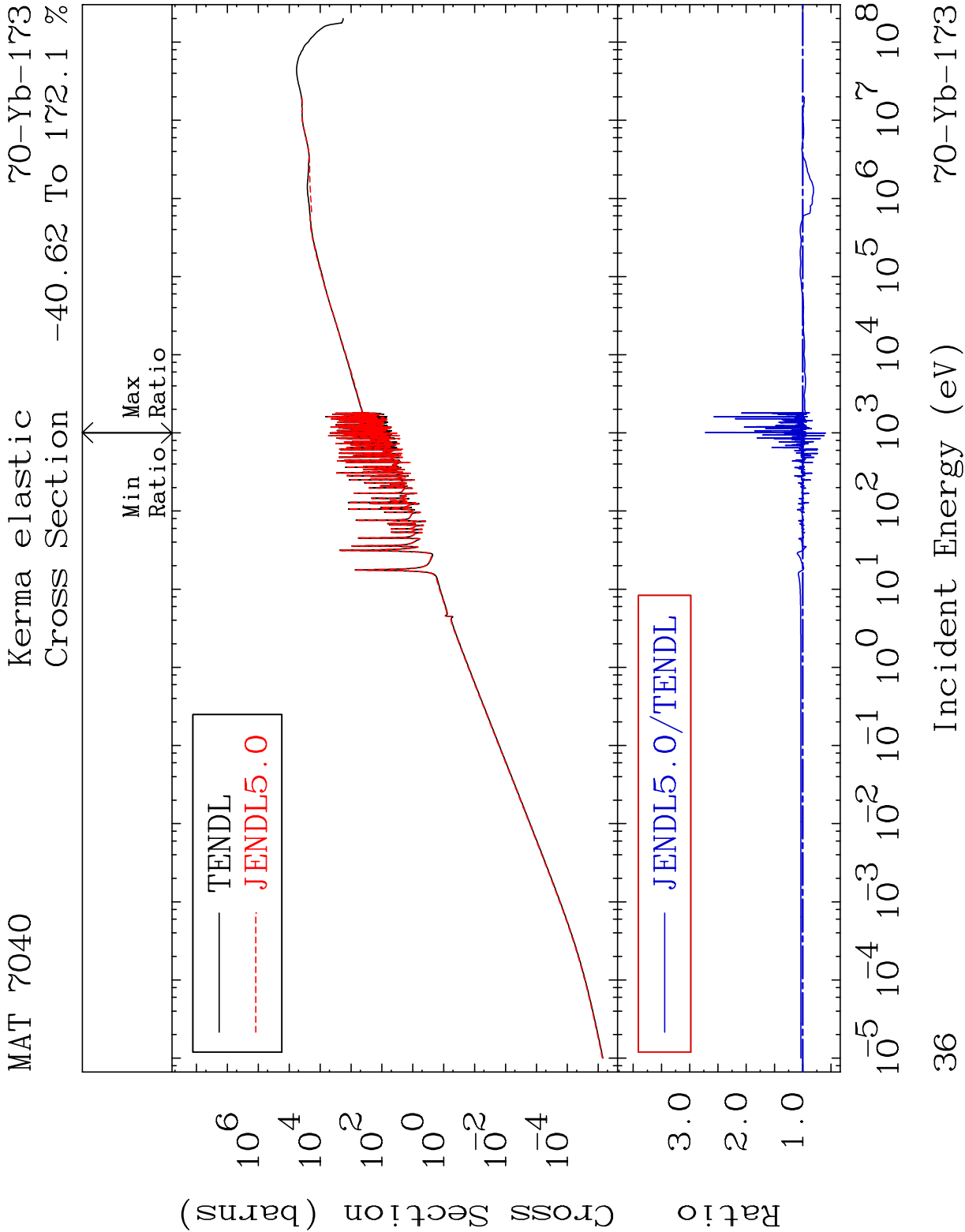
Cross Section -9999. To 6680. %



35

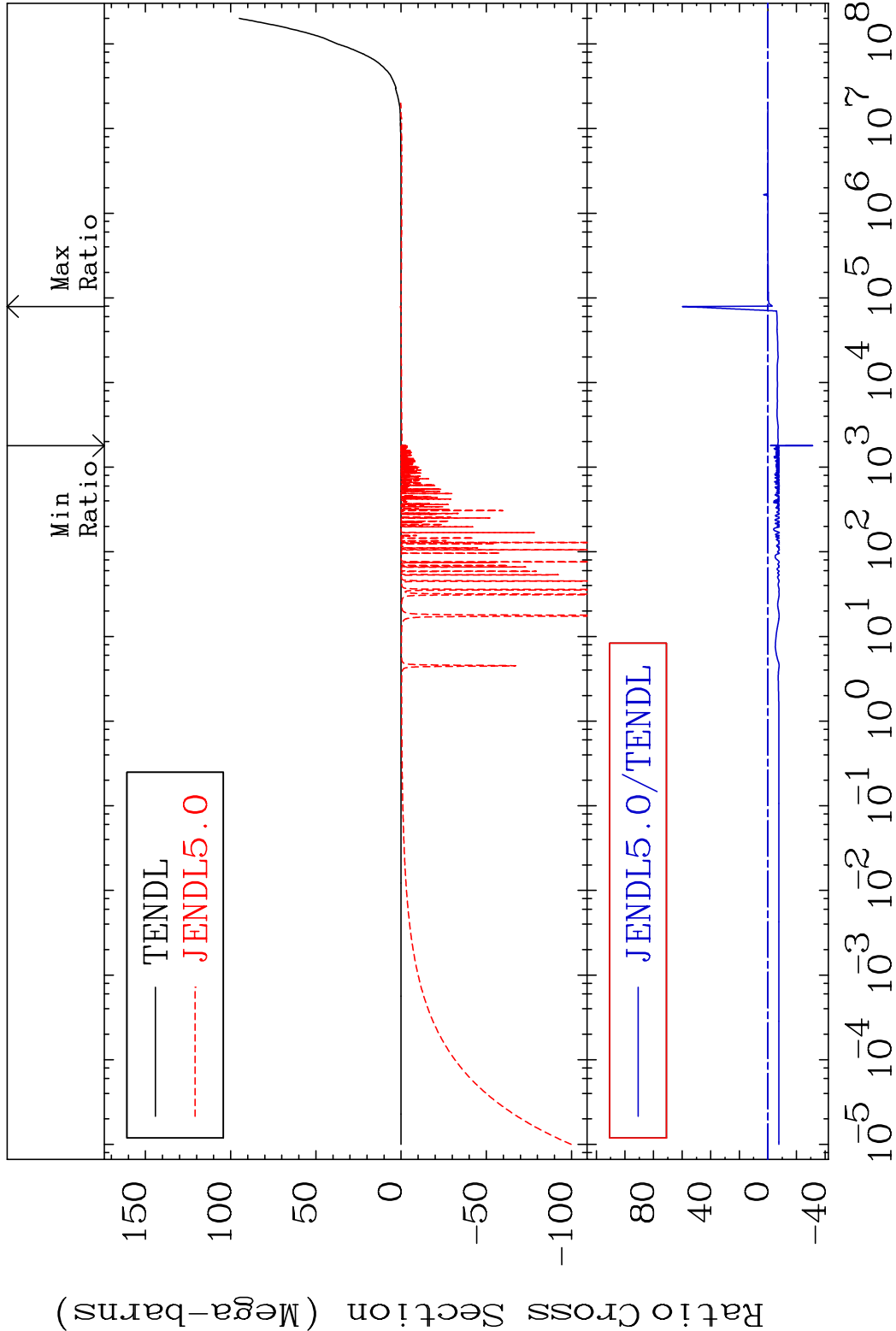
Incident Energy (eV)

70-Yb-173

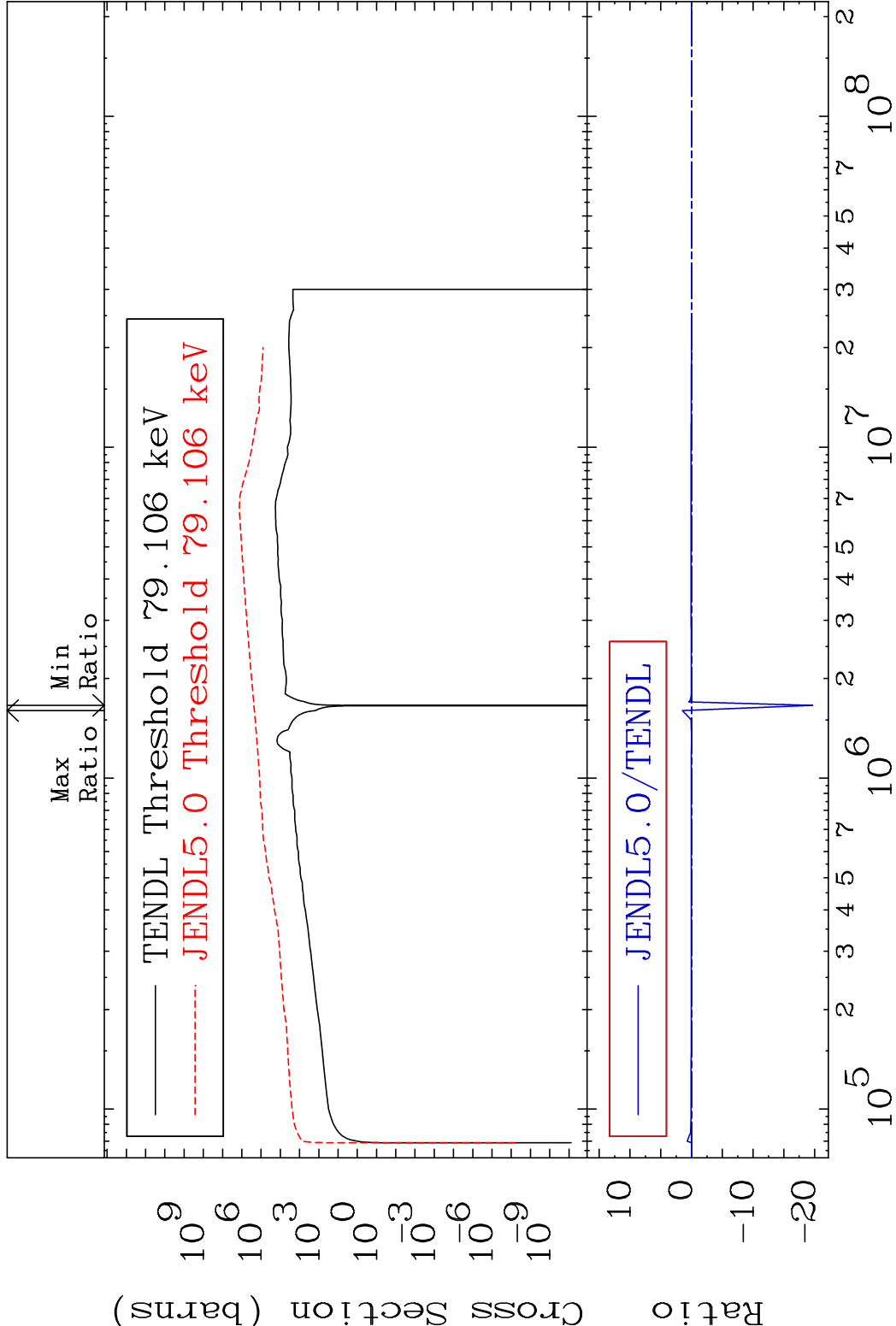


MAT 7040 Kerma non-elastic (all but mt2) 70-Yb-173

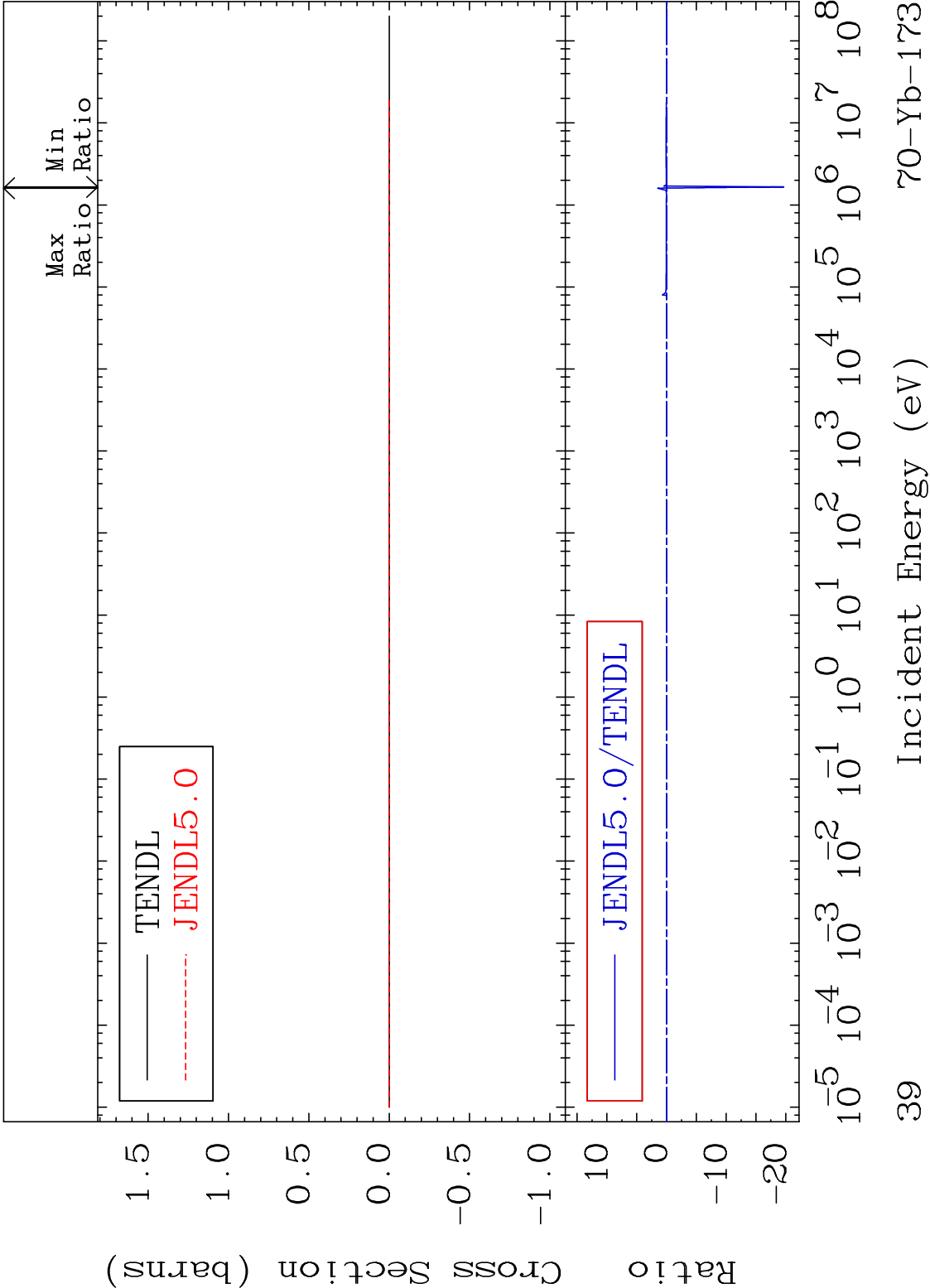
Cross Section -9999. To 9999. %

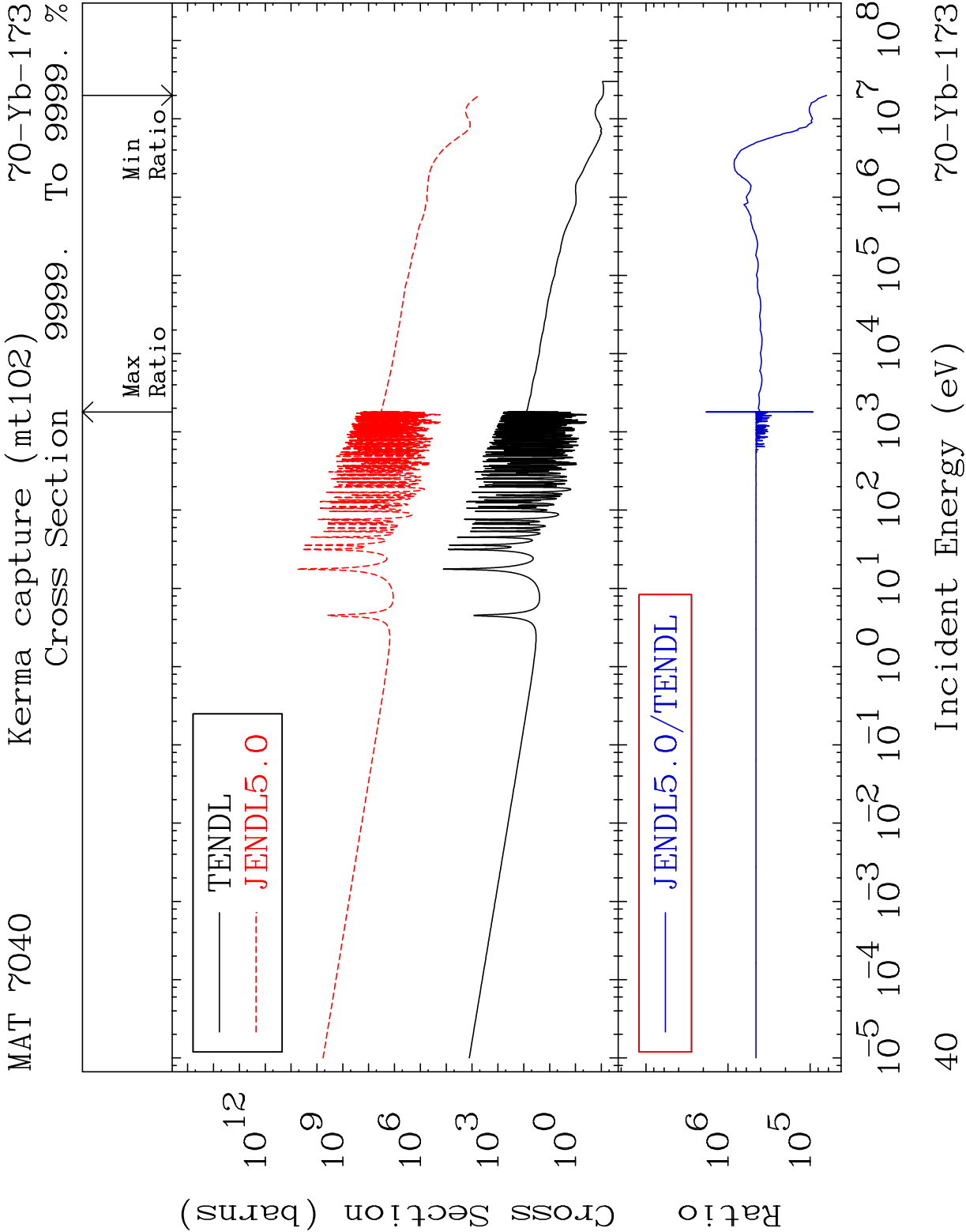


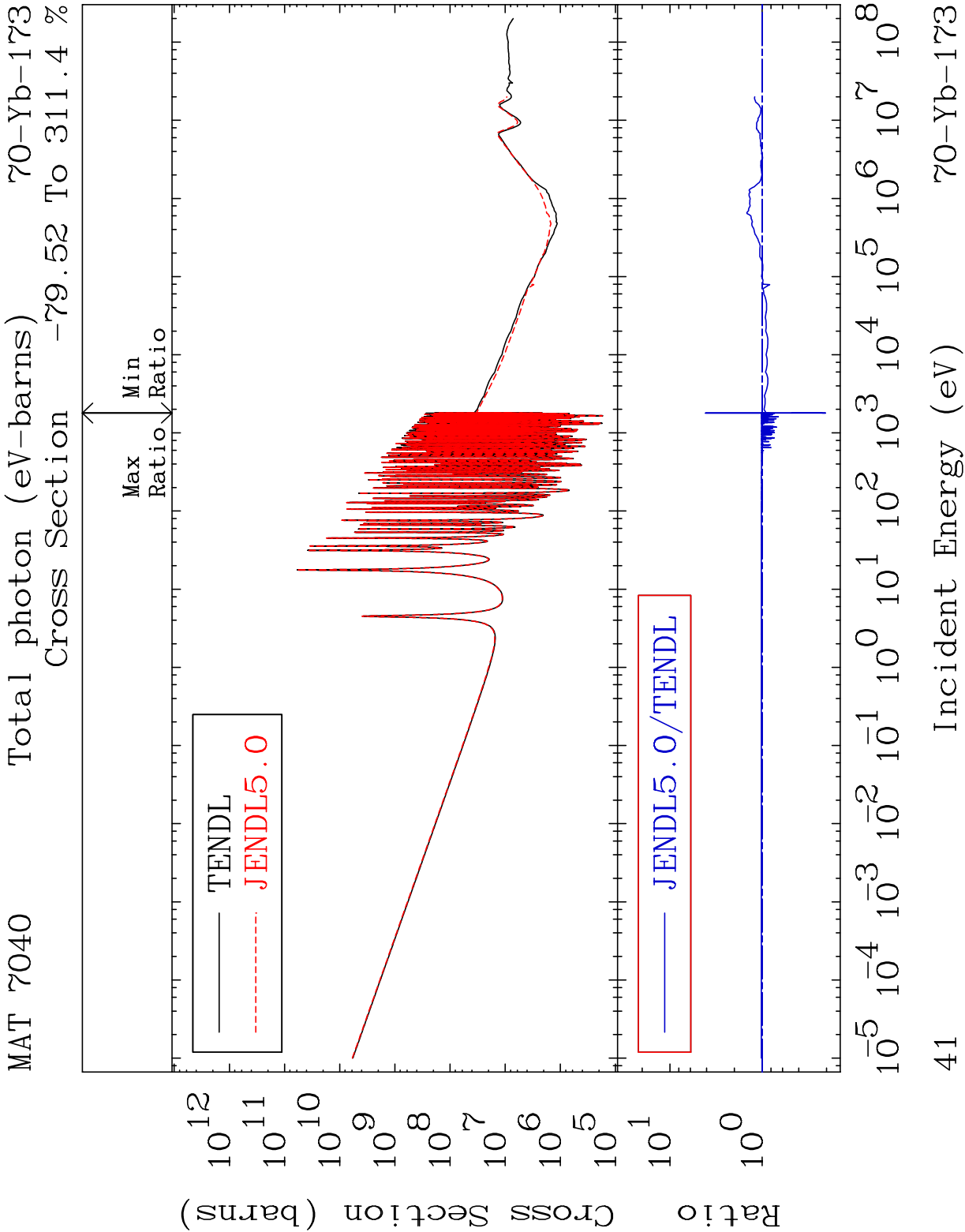
37 Incident Energy (eV) 70-Yb-173



MAT 7040 Kerma fission (mt18 or mt19-20-21-38)70-Yb-173
Cross Section -9999. To 9999. %

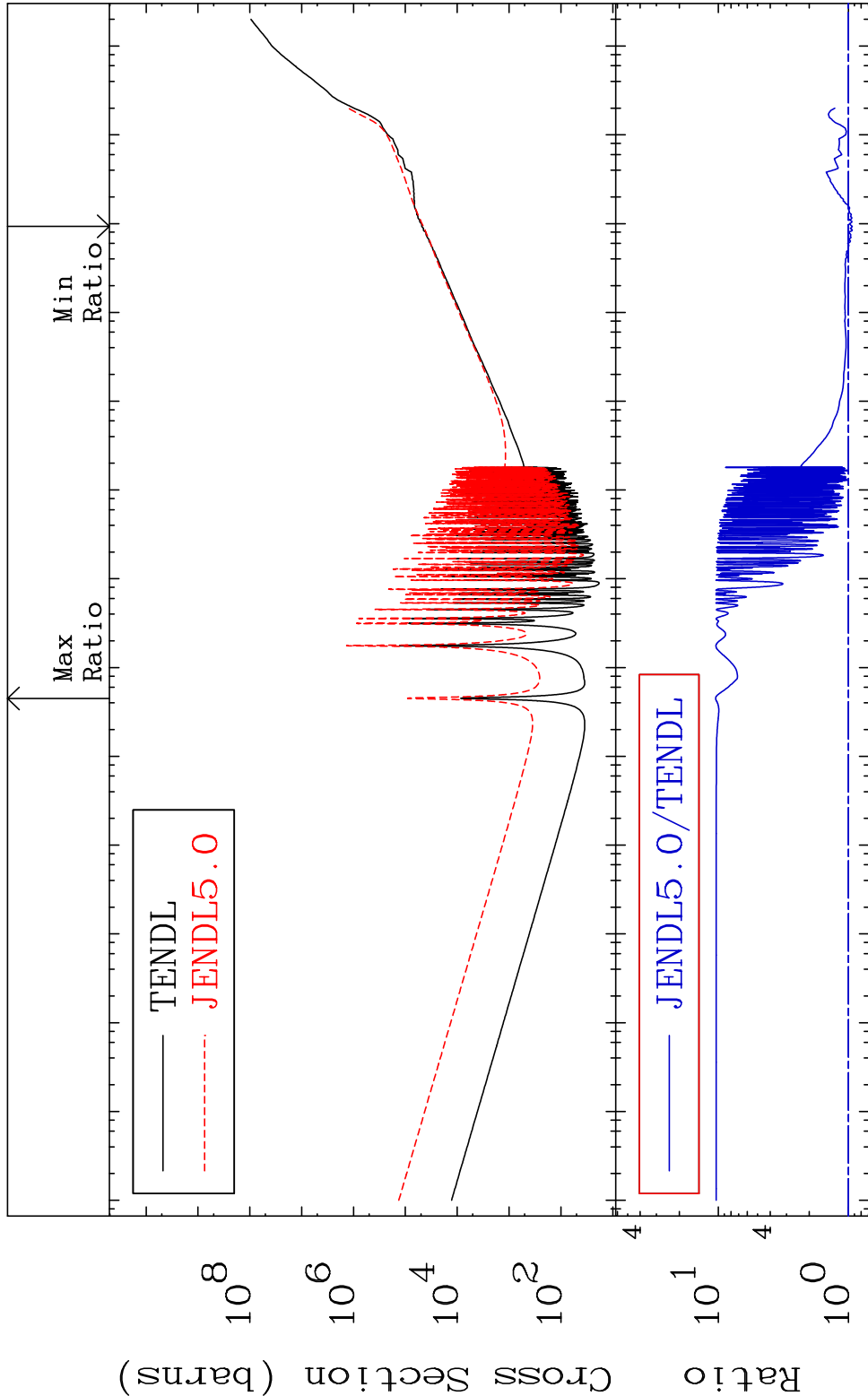






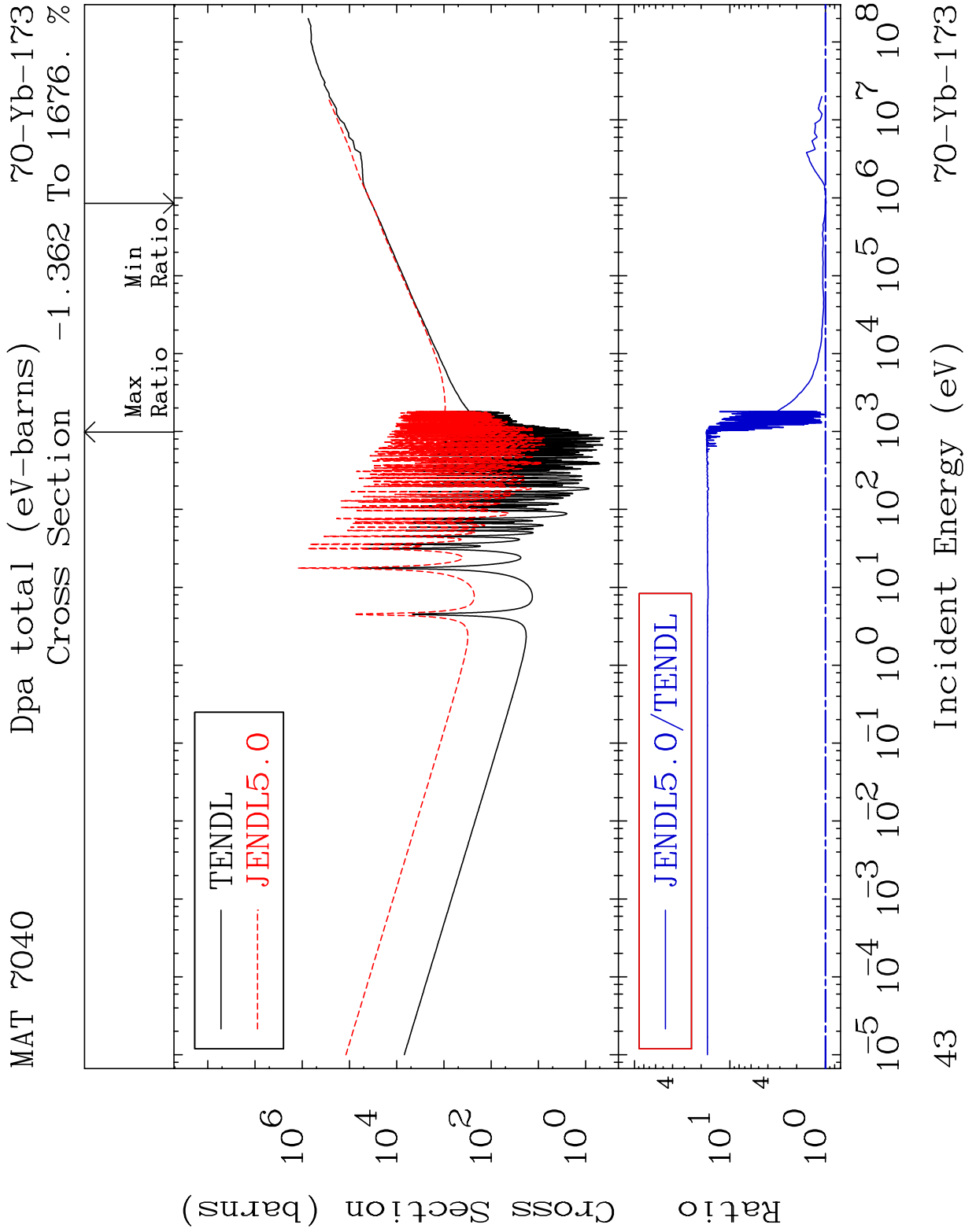
MAT 7040 Total kinematic kerma (high limit) 70-Yb-173

Cross Section -6.530 To 950.4 %

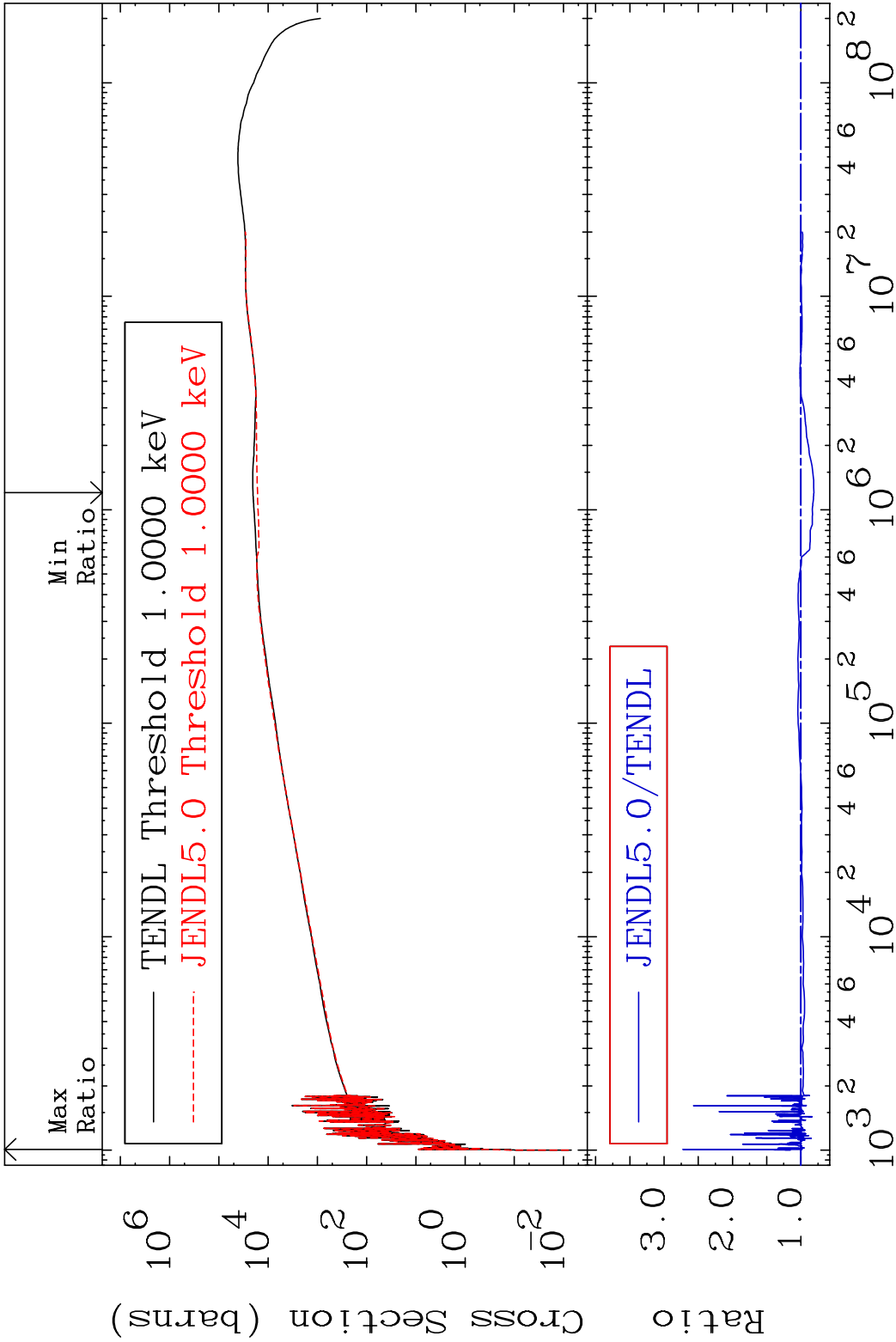


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

42 Incident Energy (eV) 70-Yb-173

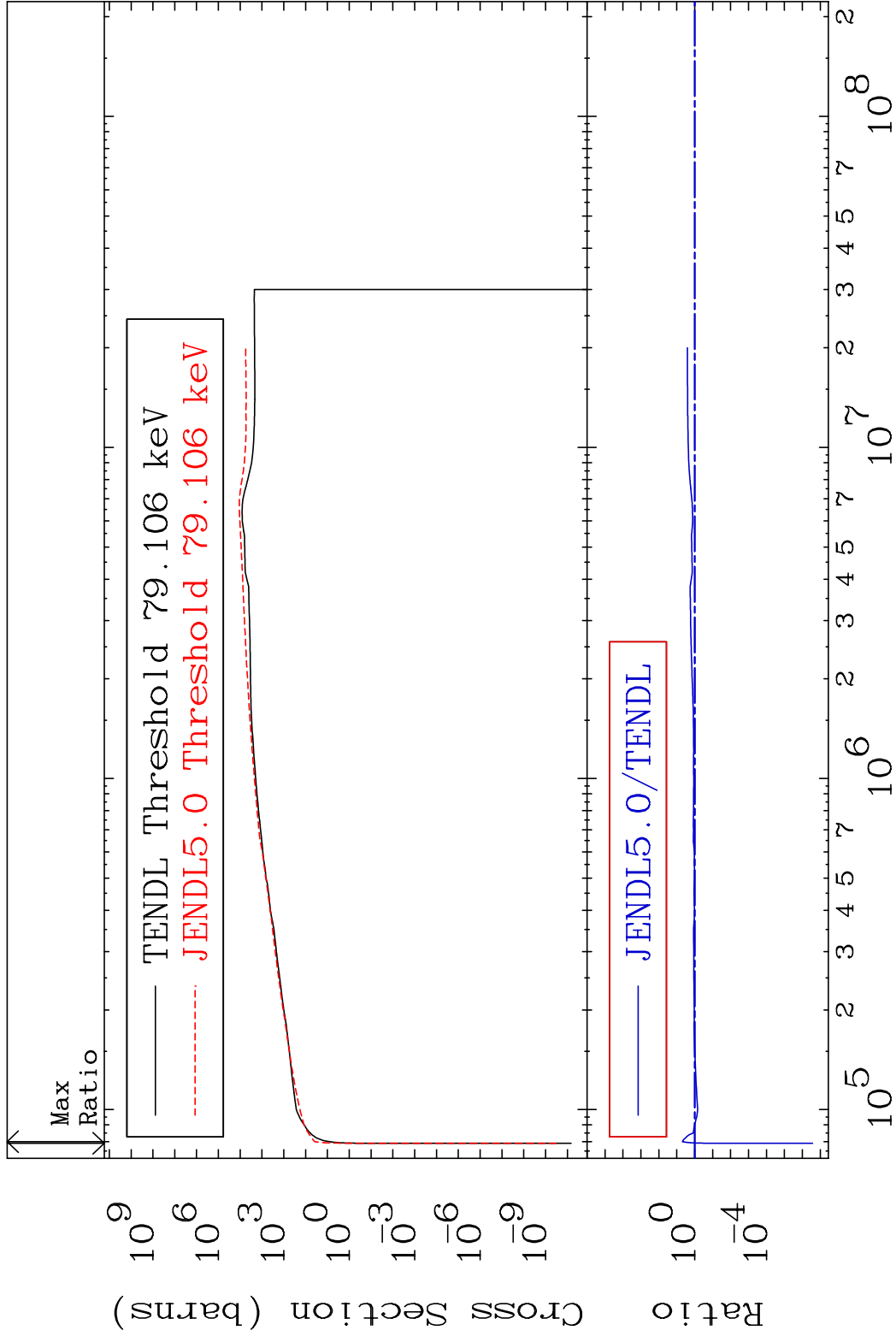


MAT 7040 Dpa elastic (mt2) 70-Yb-173
Cross Section -18.98 To 172.2 %



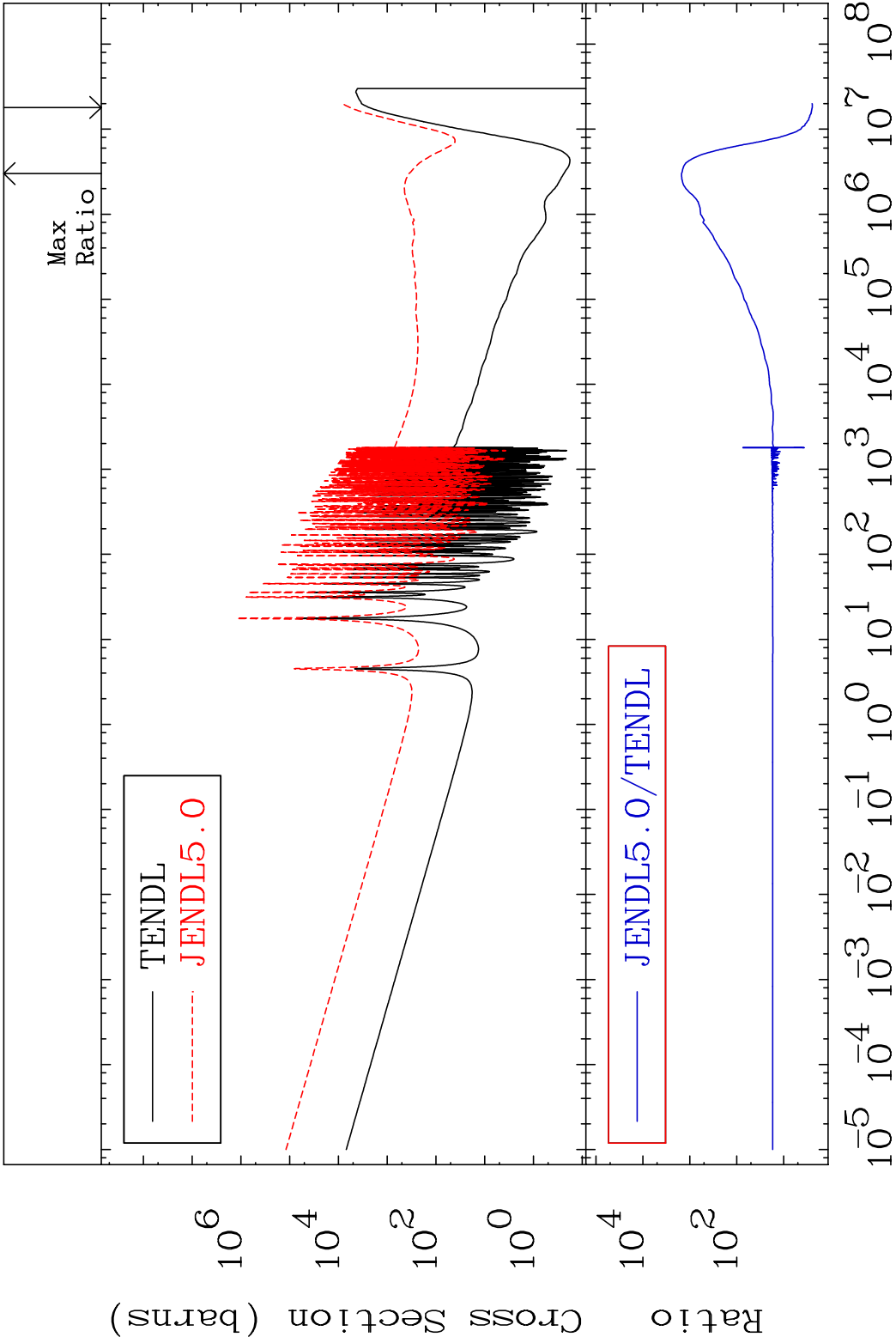
44 Incident Energy (eV) 70-Yb-173

MAT 7040 Dpa inelastic (mt51-91) 70-Yb-173
Cross Section -100.0 To 387.5 %

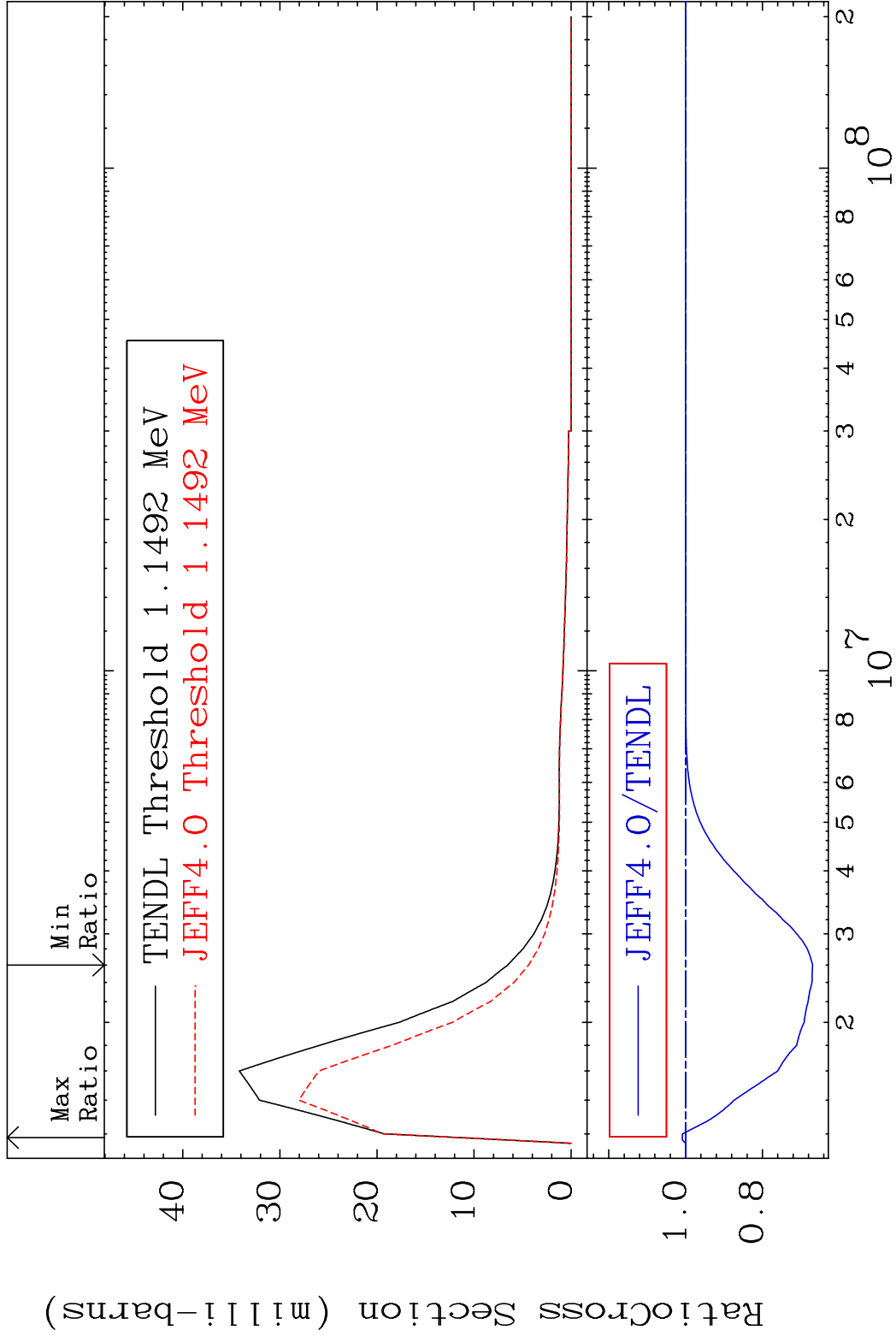


45 Incident Energy (eV) 70-Yb-173

MAT 7040 Dpa disappearance (mt102 -120) 70-Yb-173
Cross Section 145.9 To 9999. %



MAT 7040 MT= 77 (n,n') Level 70-Yb-173
Cross Section -33.05 To 0.847 %



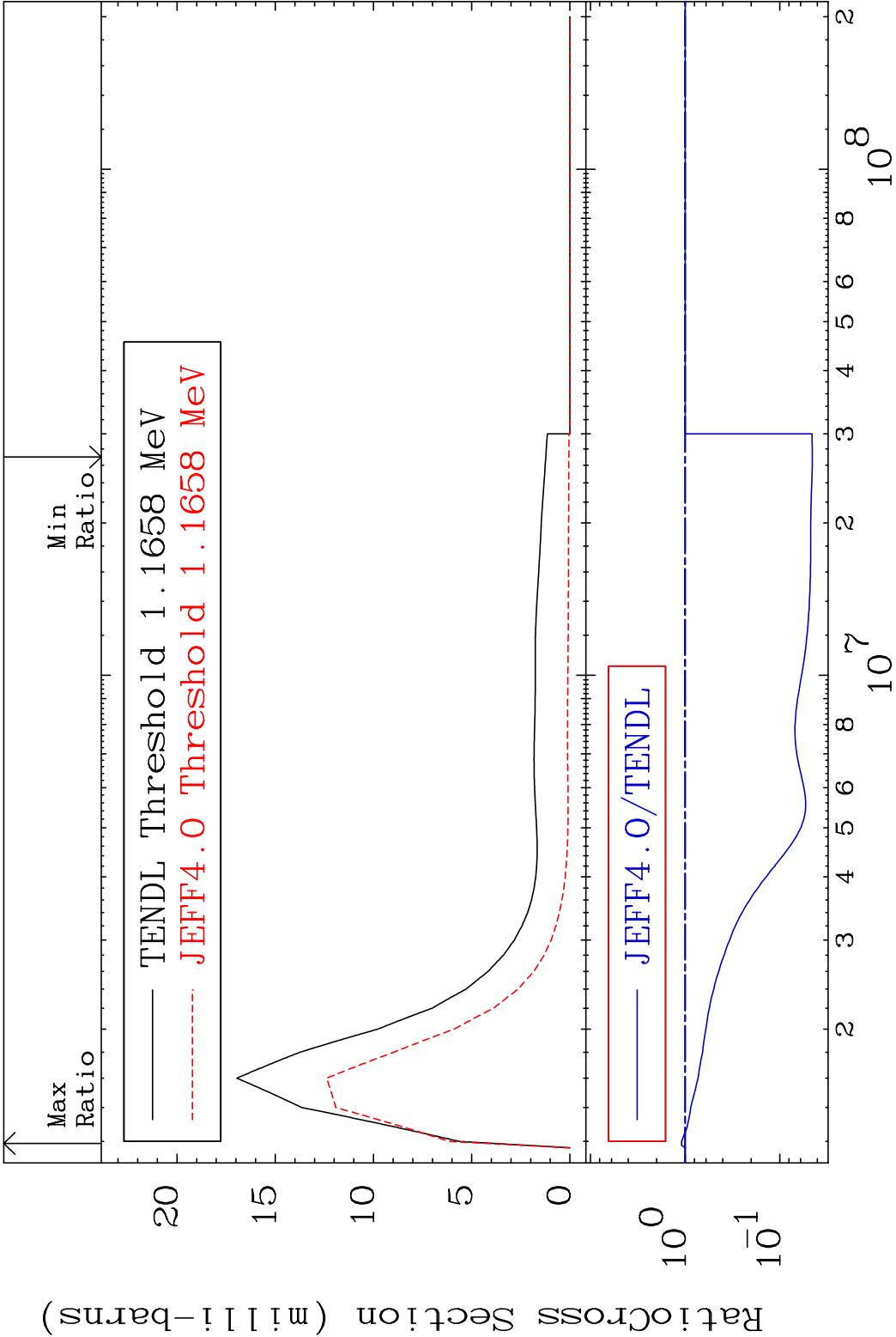
MAT 7040

MT= 78 (n,n') Level

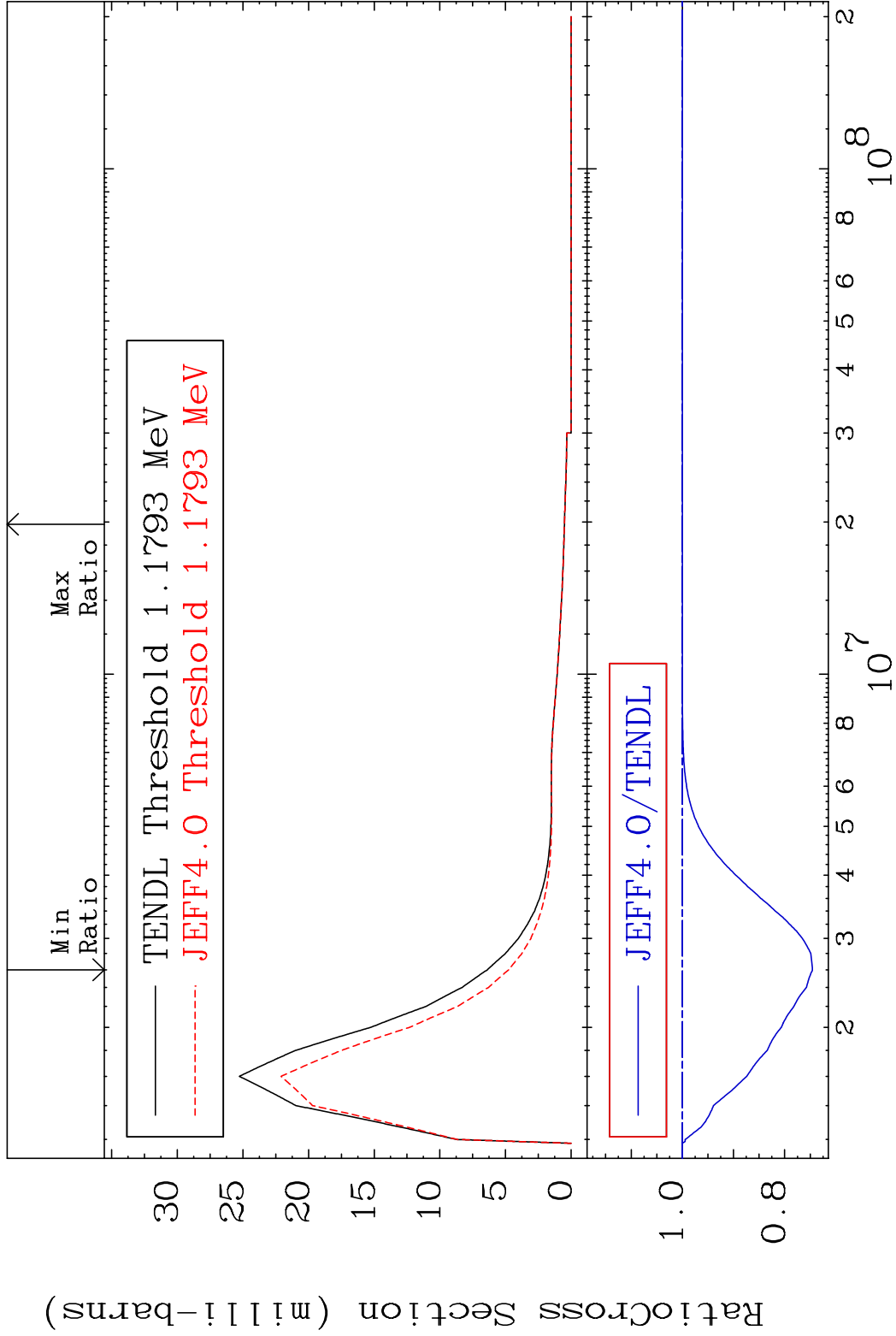
70-Yb-173

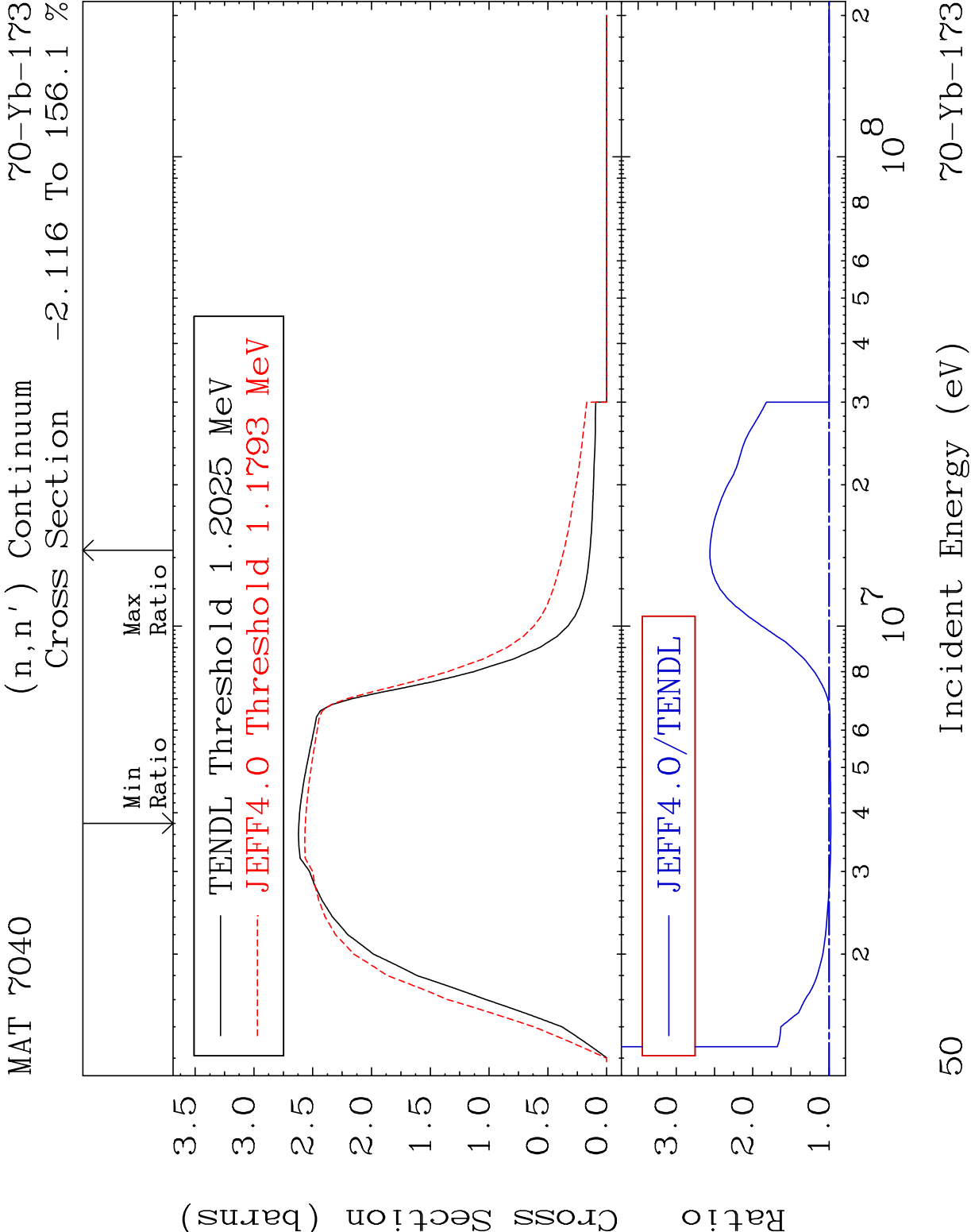
Cross Section

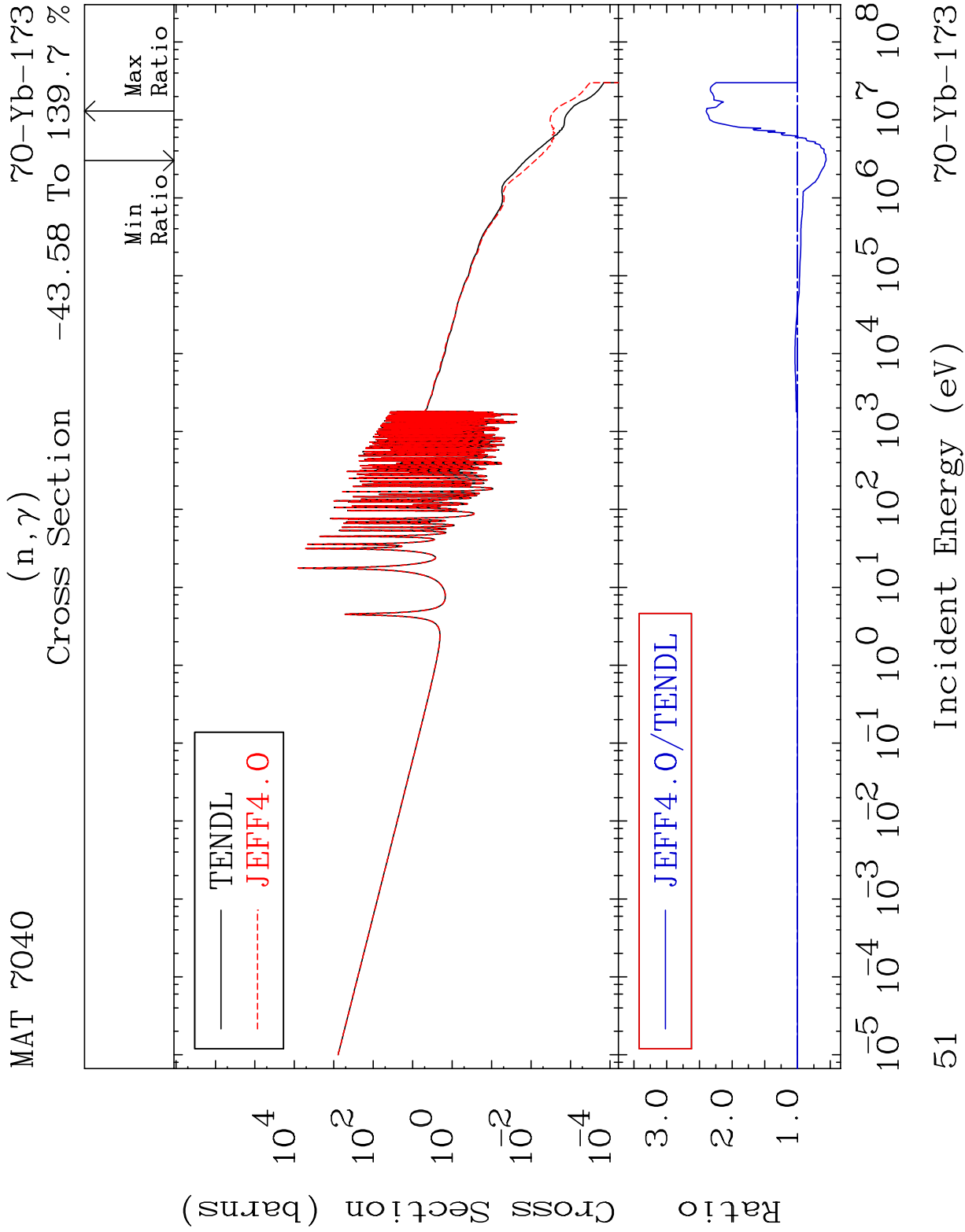
-95.47 To 9.119 %

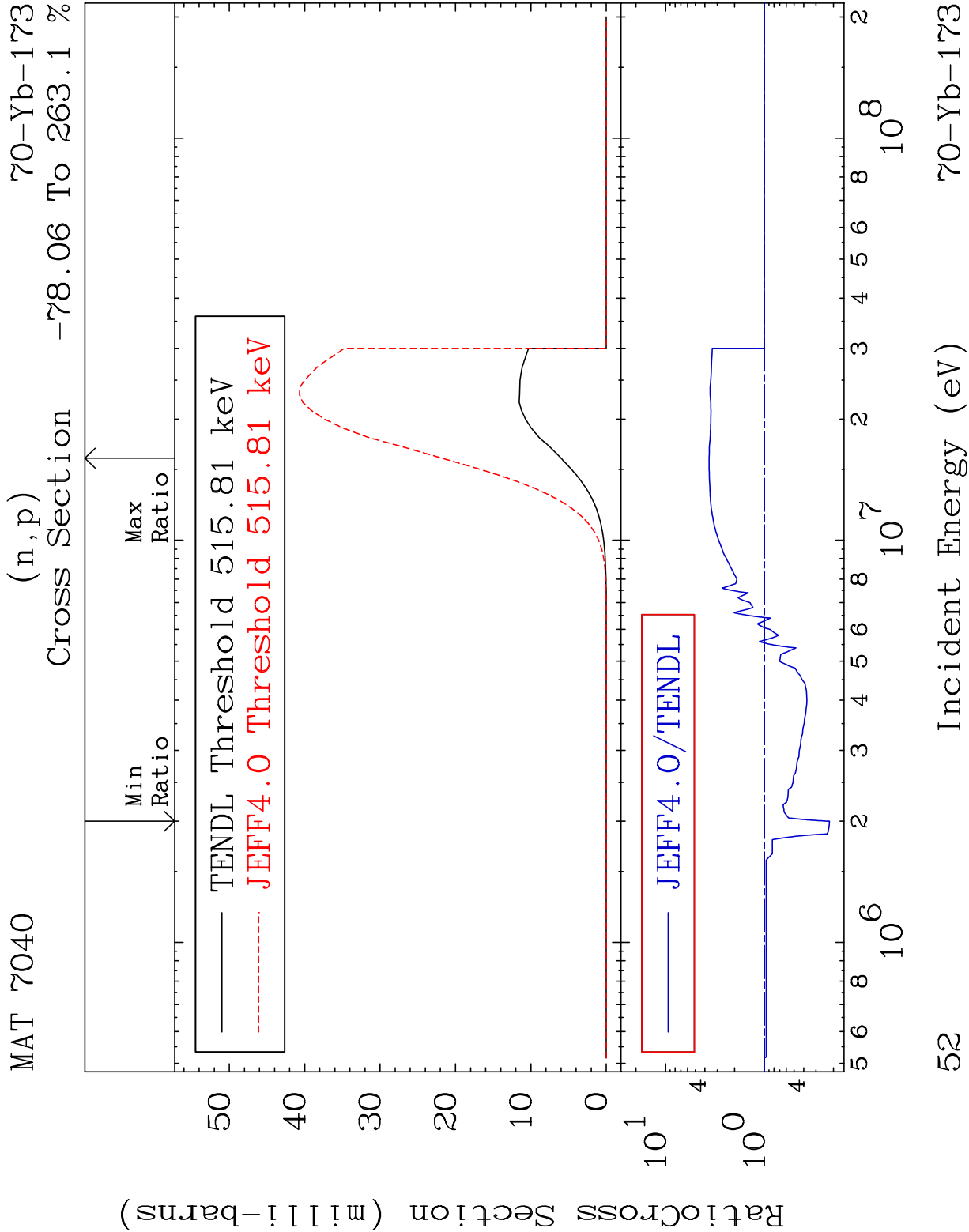


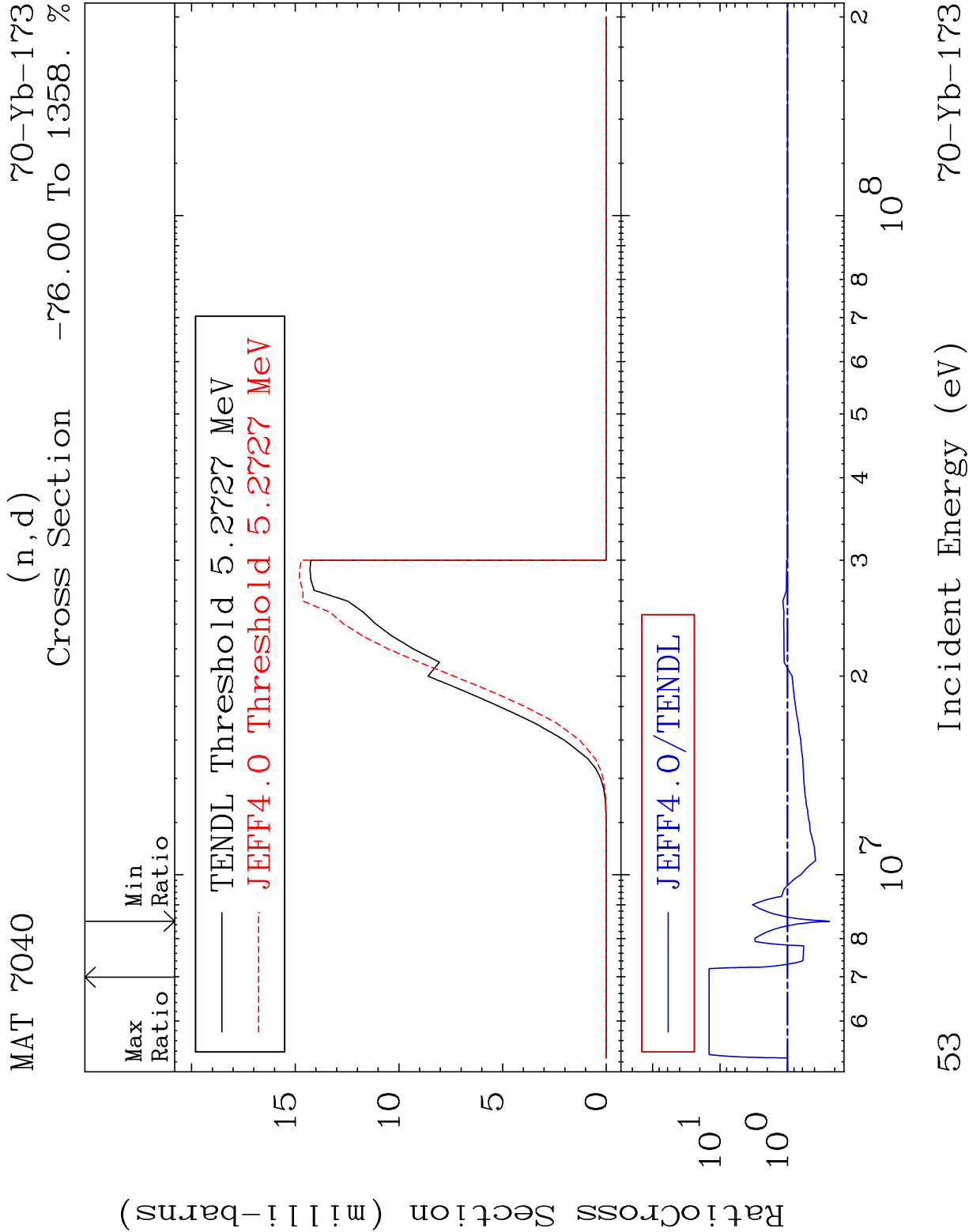
MAT 7040 MT= 79 (n,n') Level 70-Yb-173
Cross Section -25.46 To 0.000 %

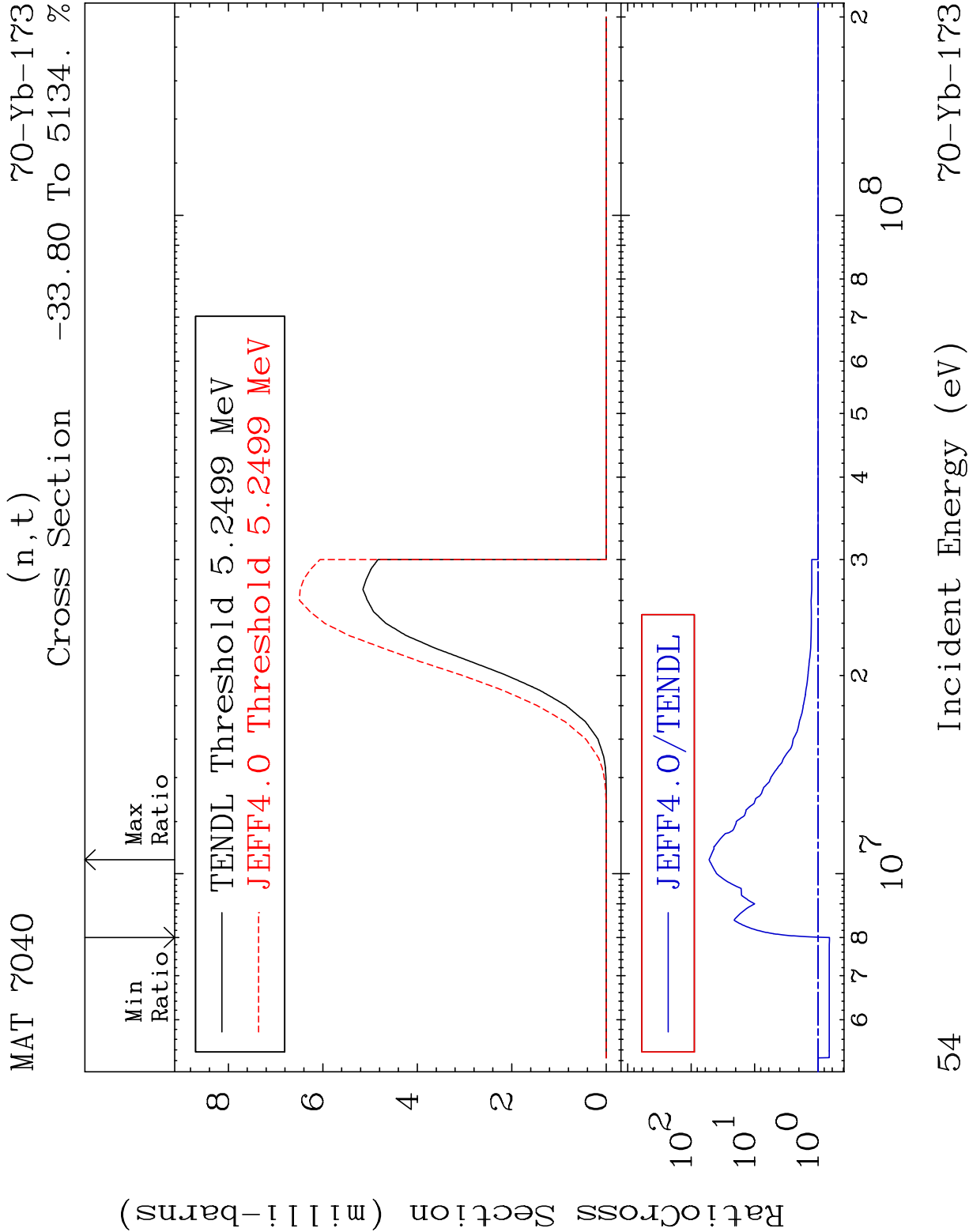


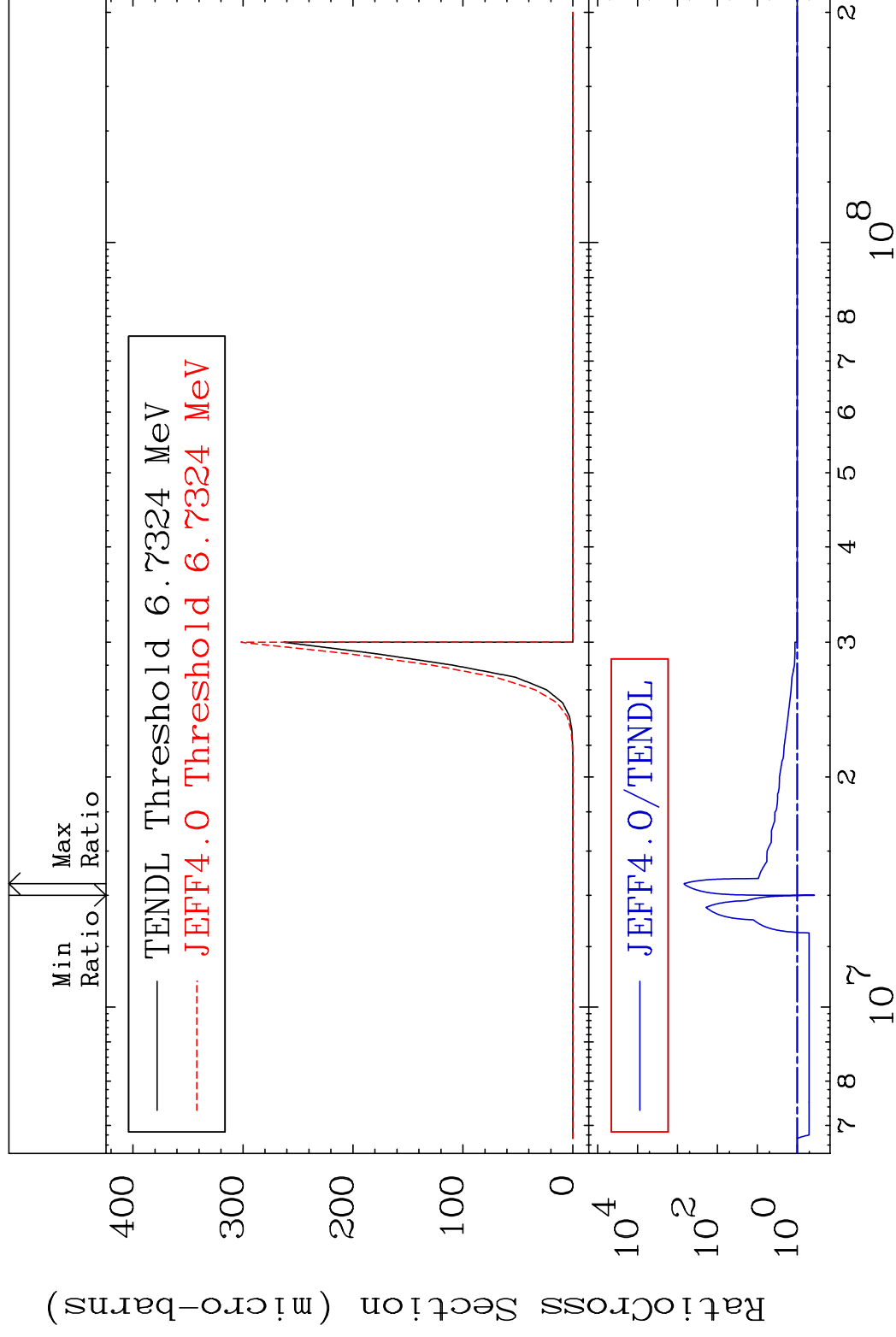


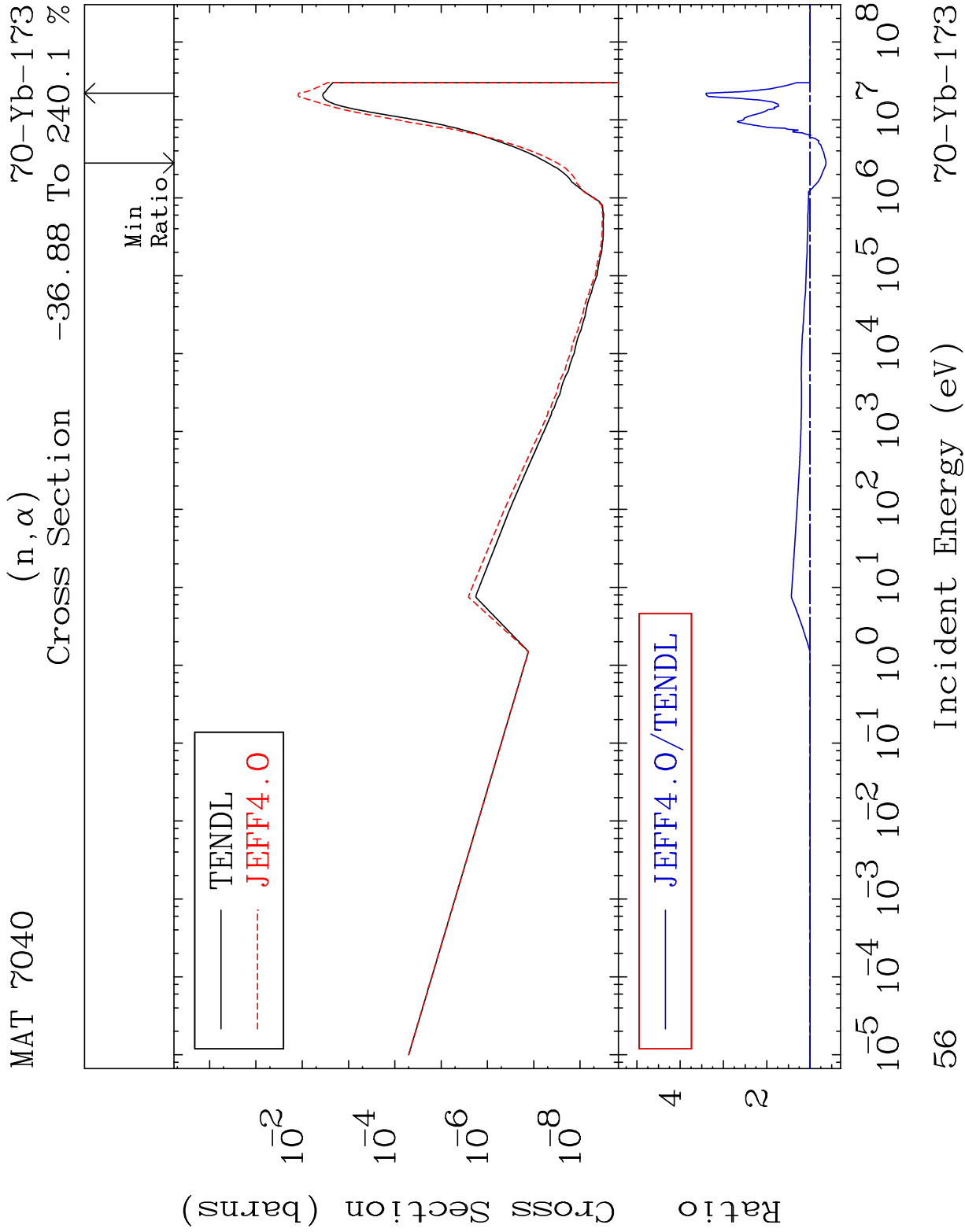


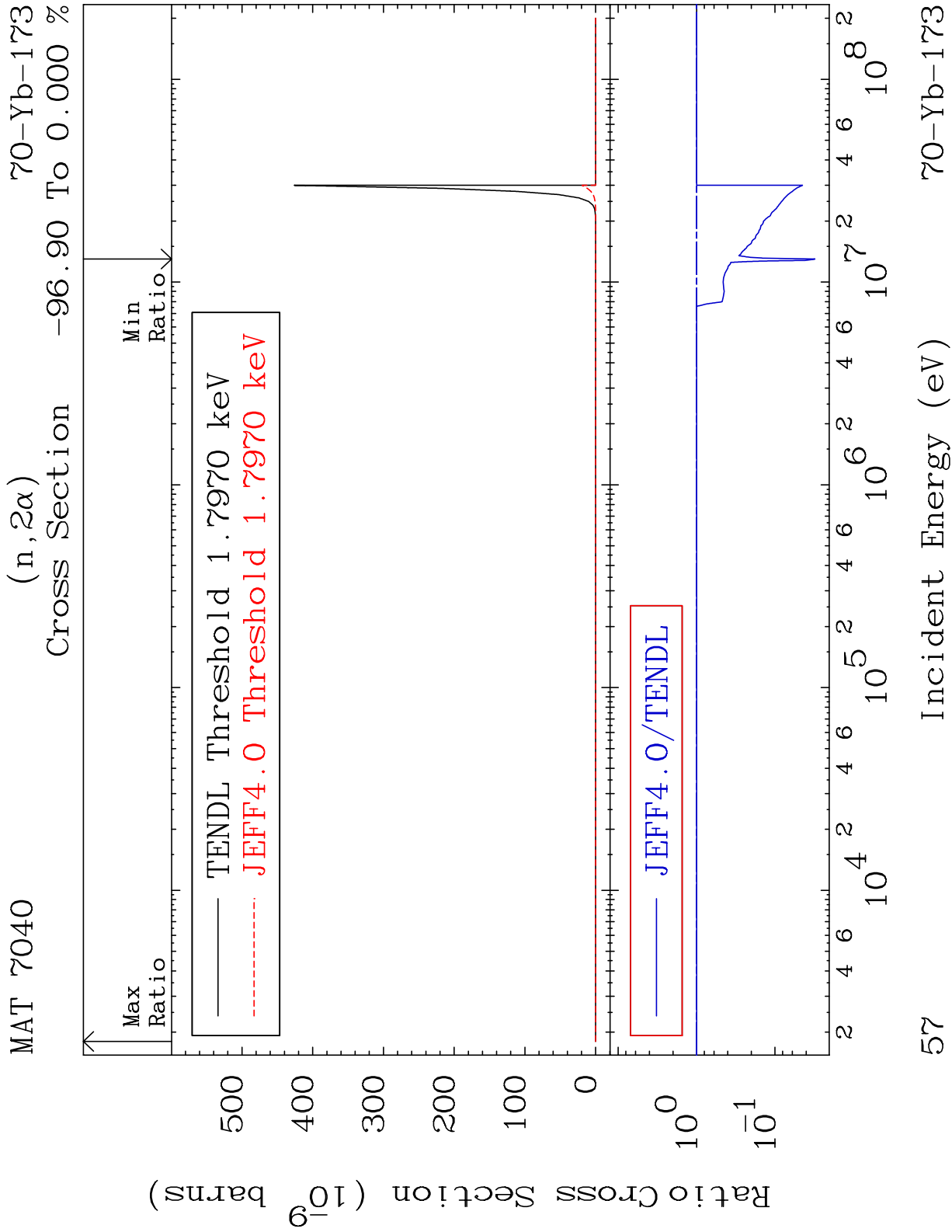


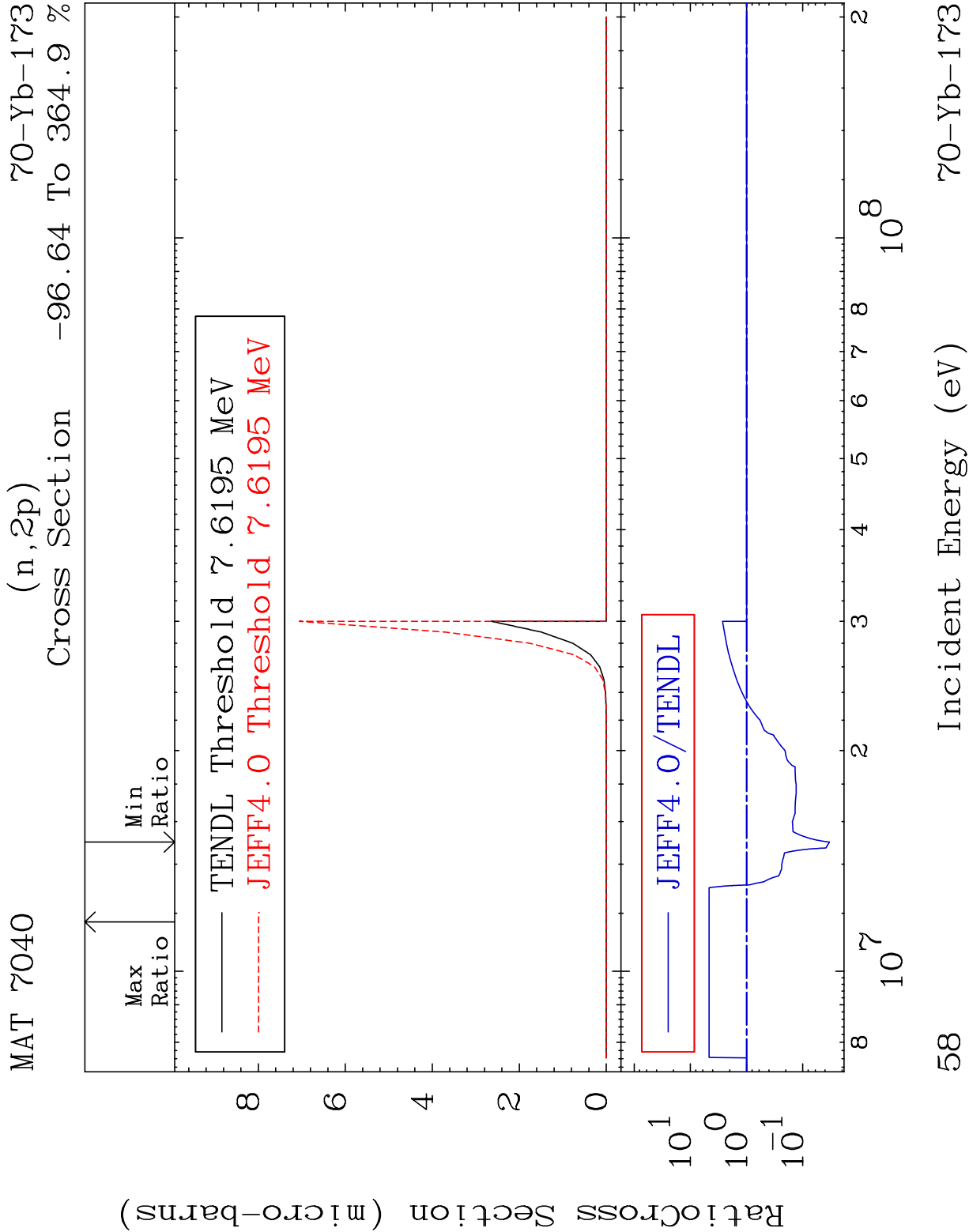


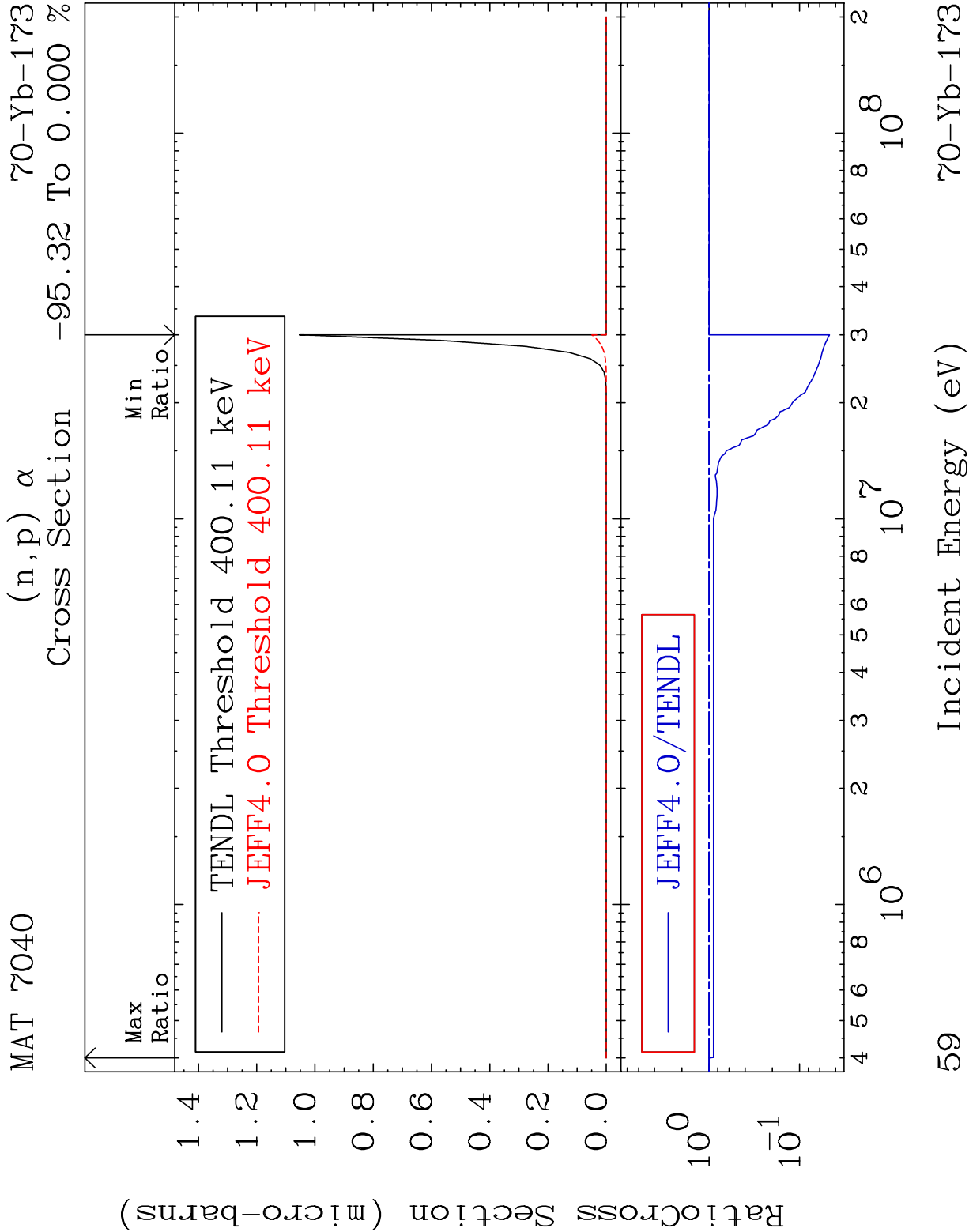


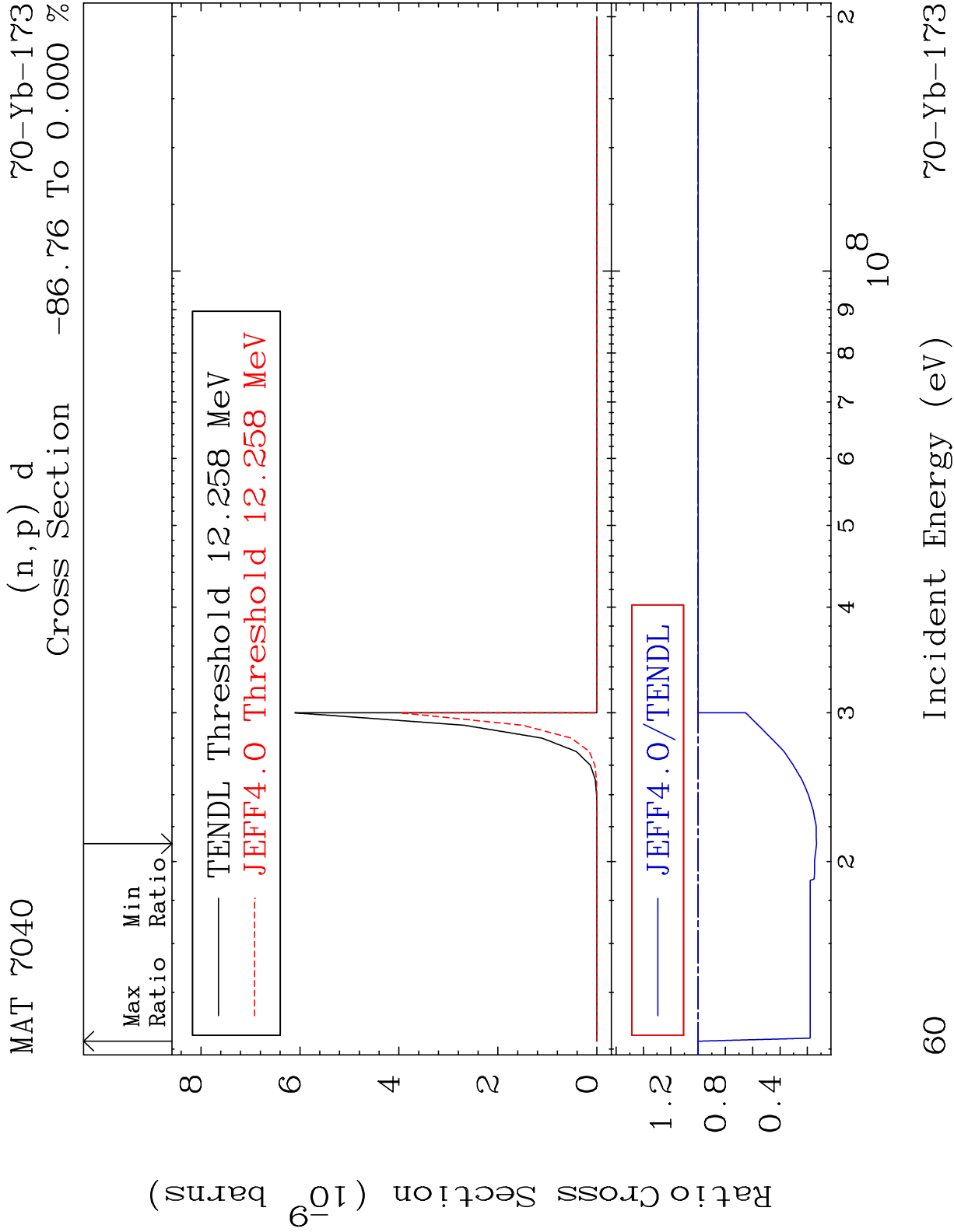


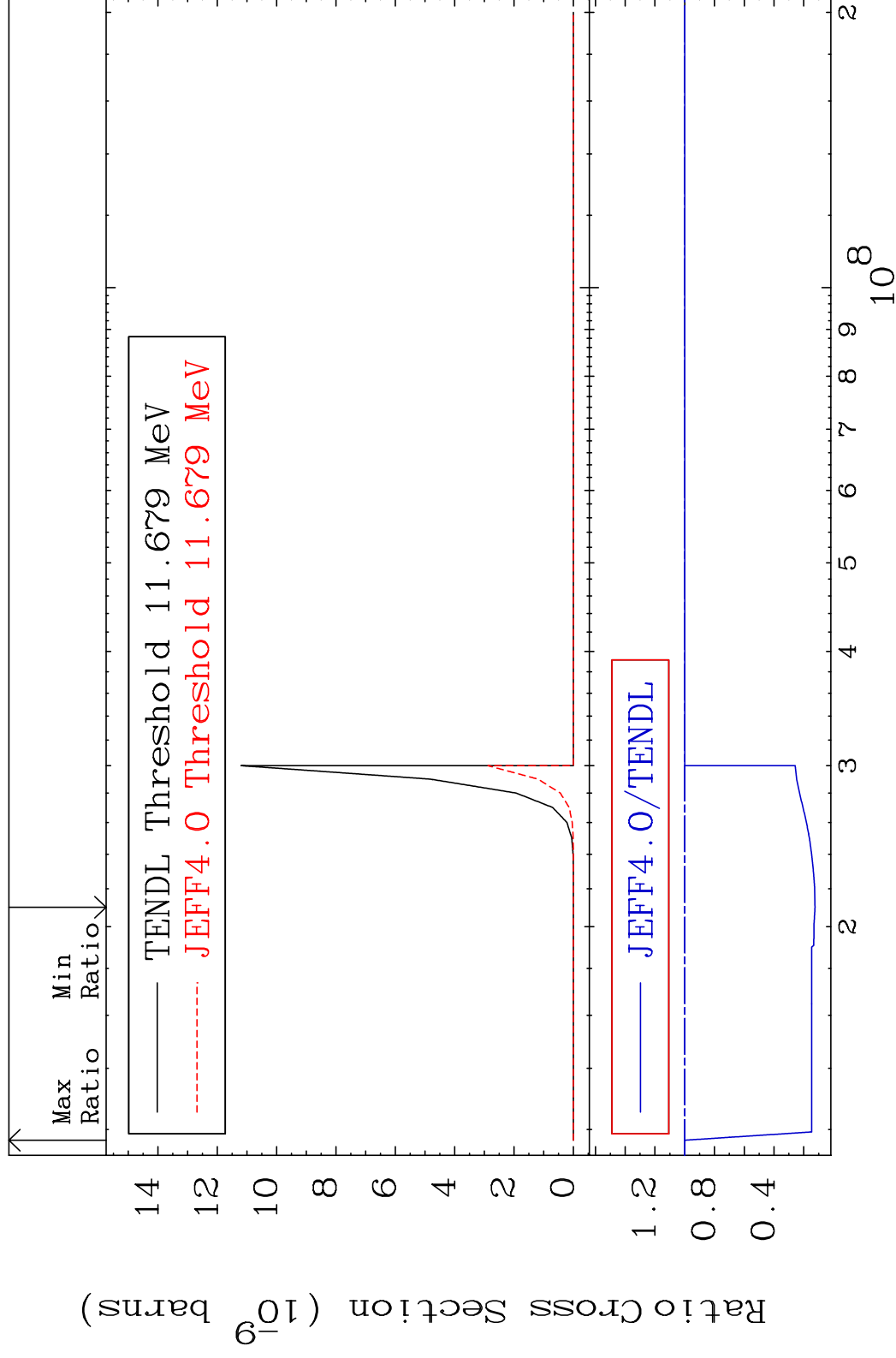


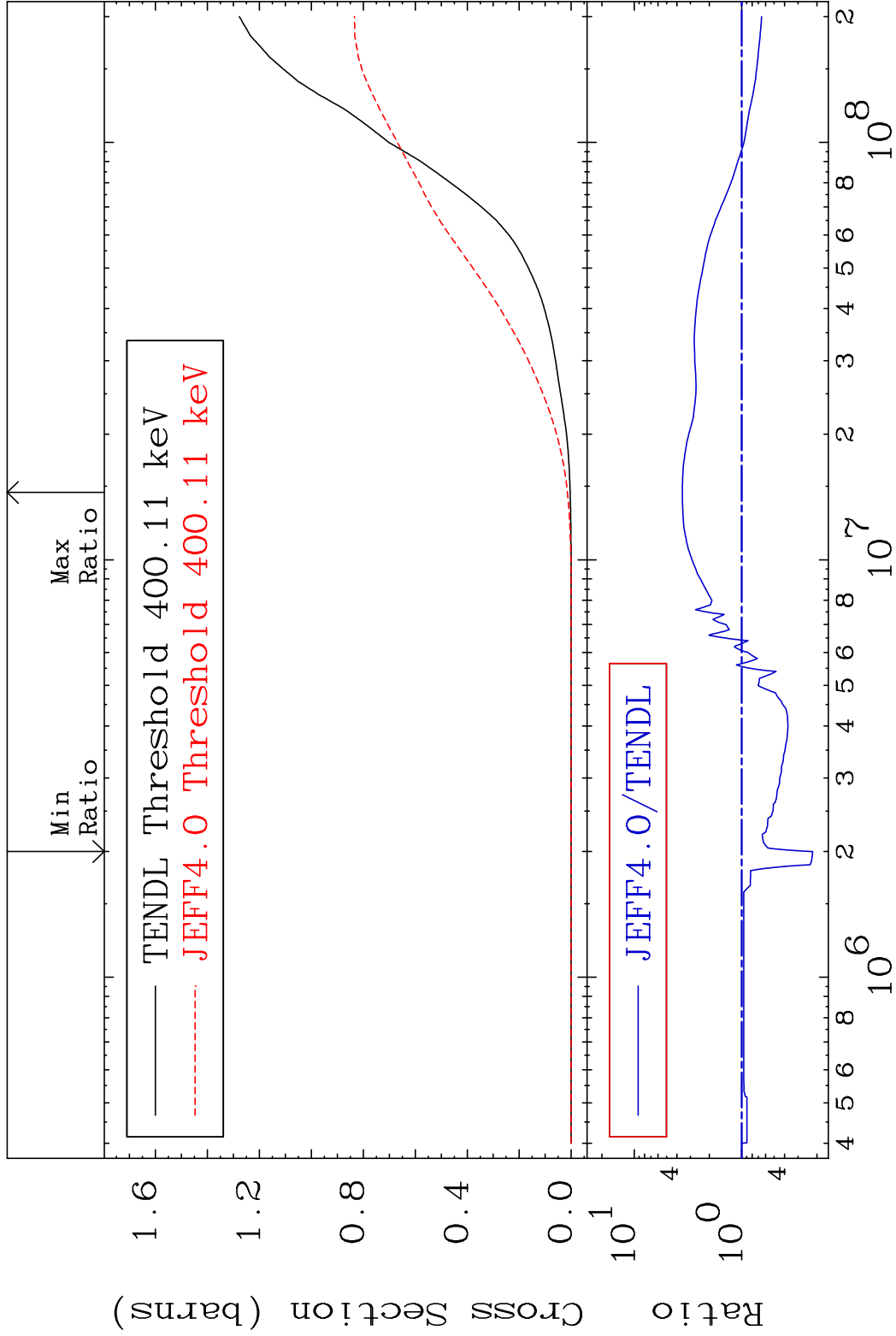


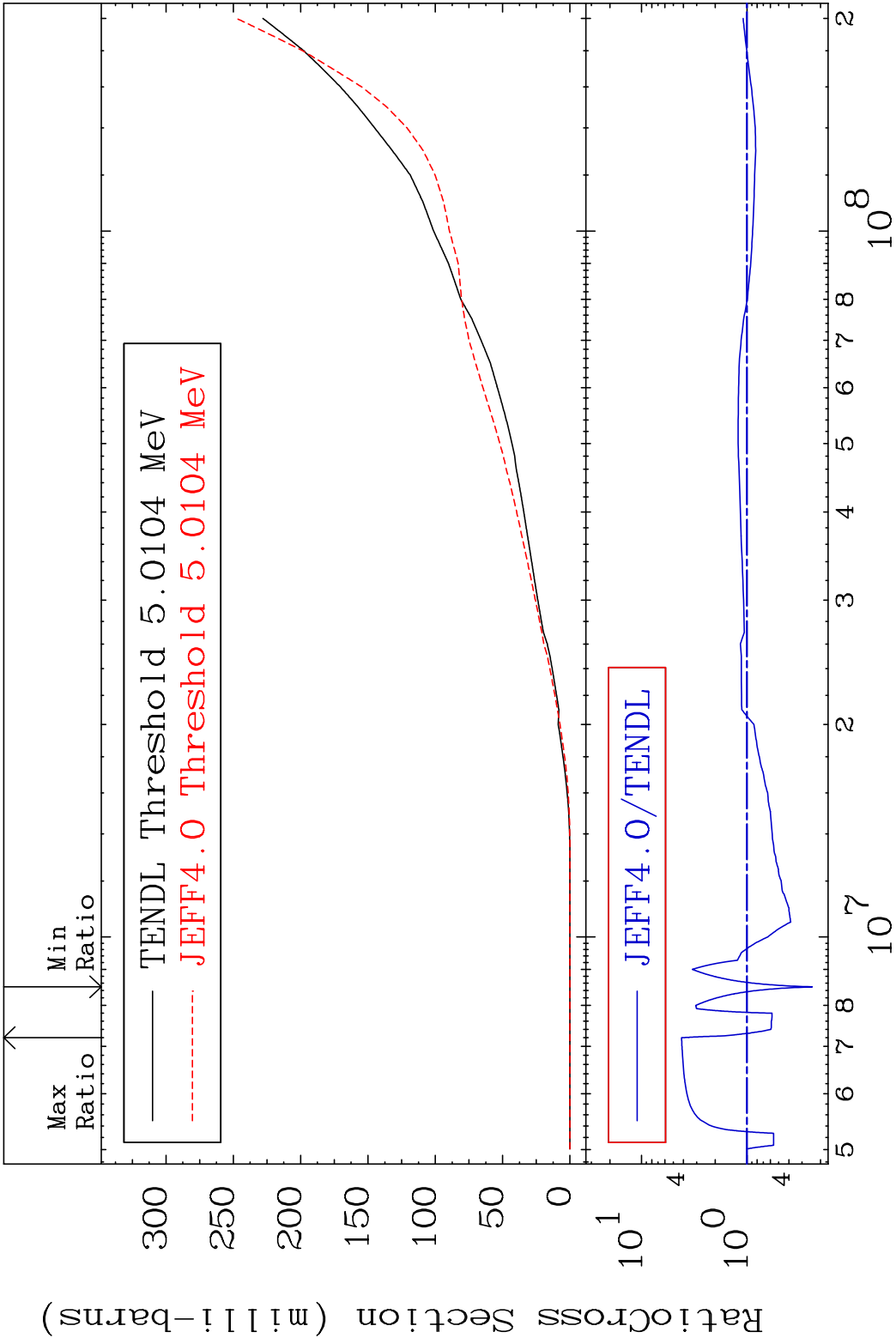


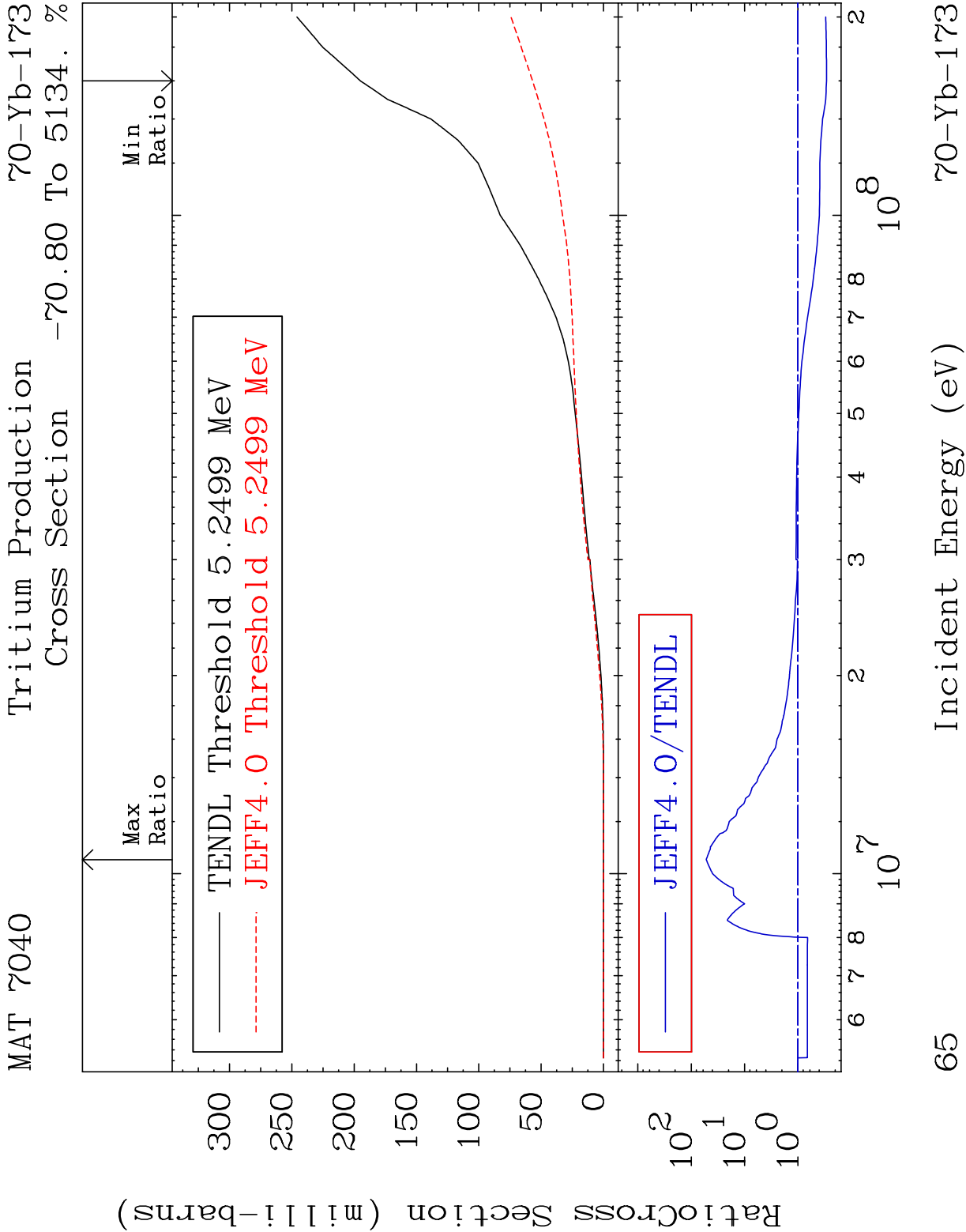




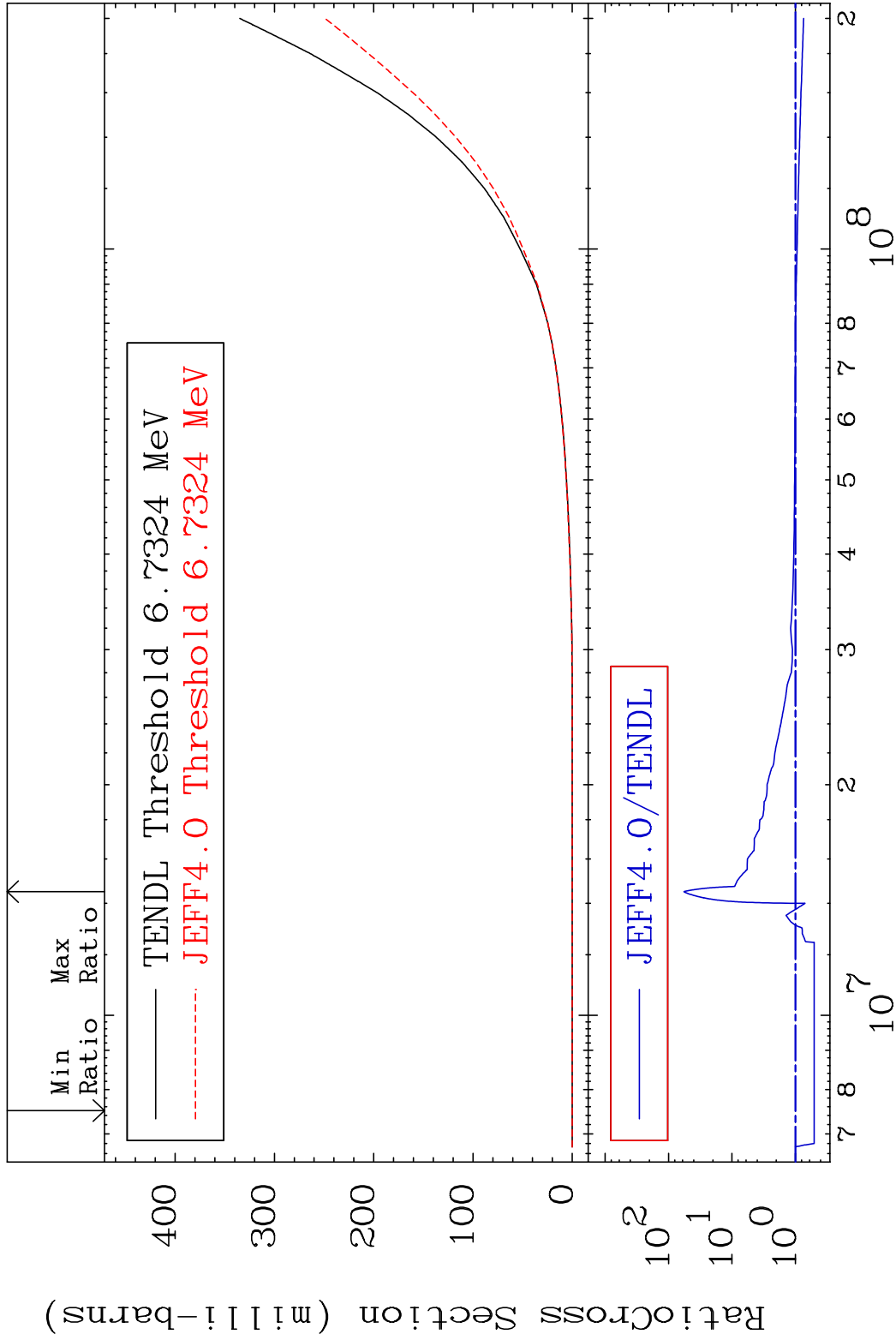




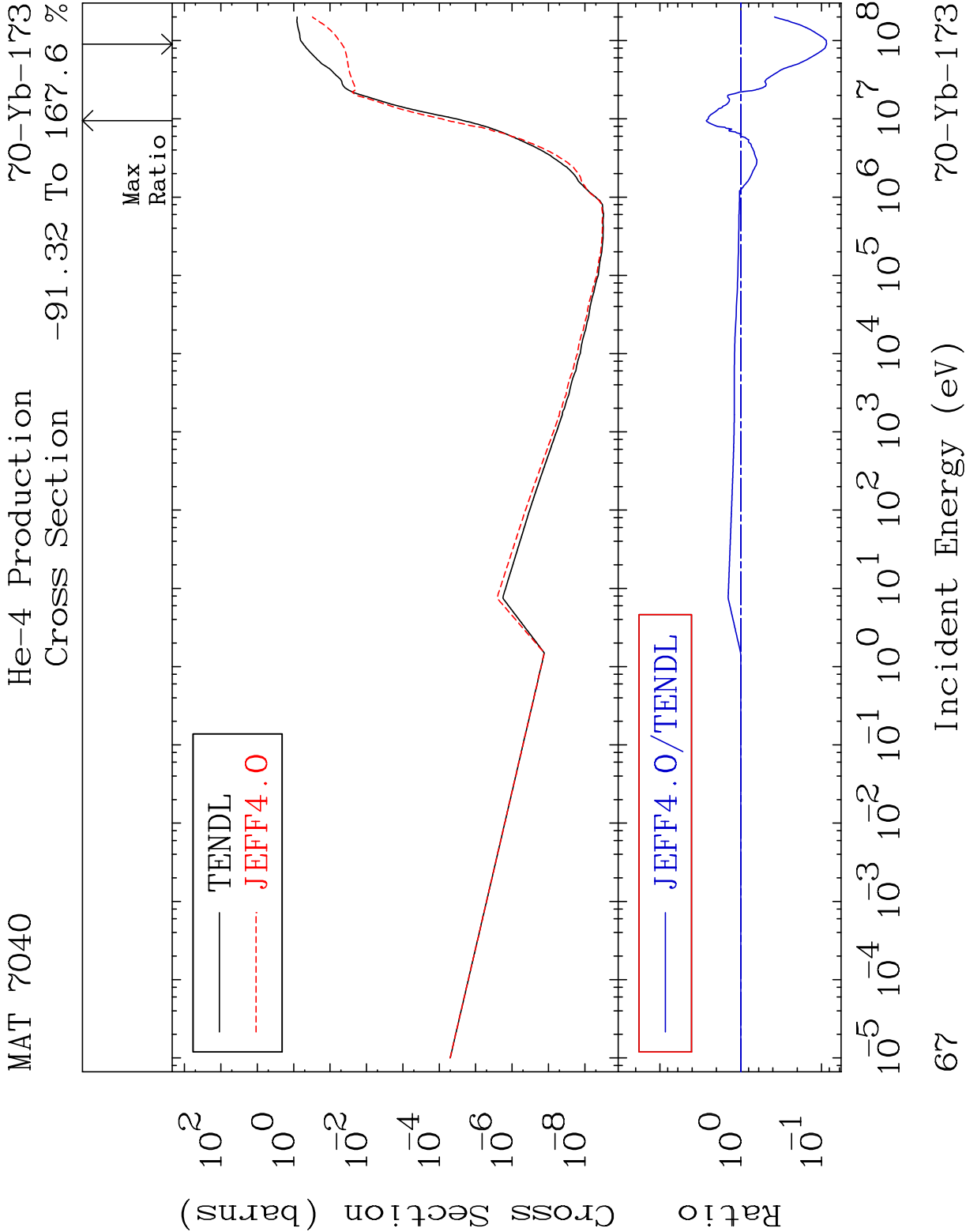




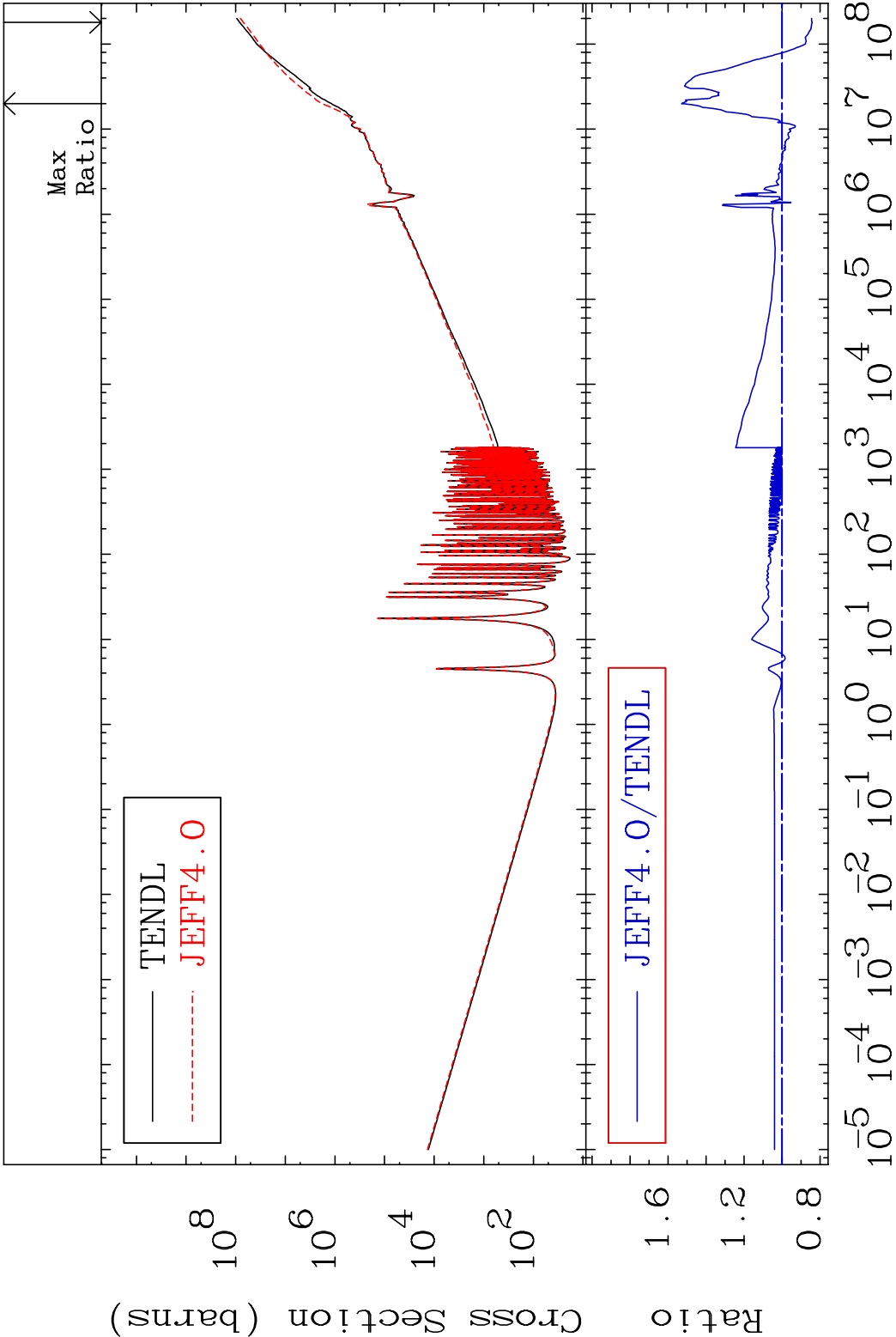
MAT 7040 He-3 Production 70-Yb-173
Cross Section -49.26 To 5674. %

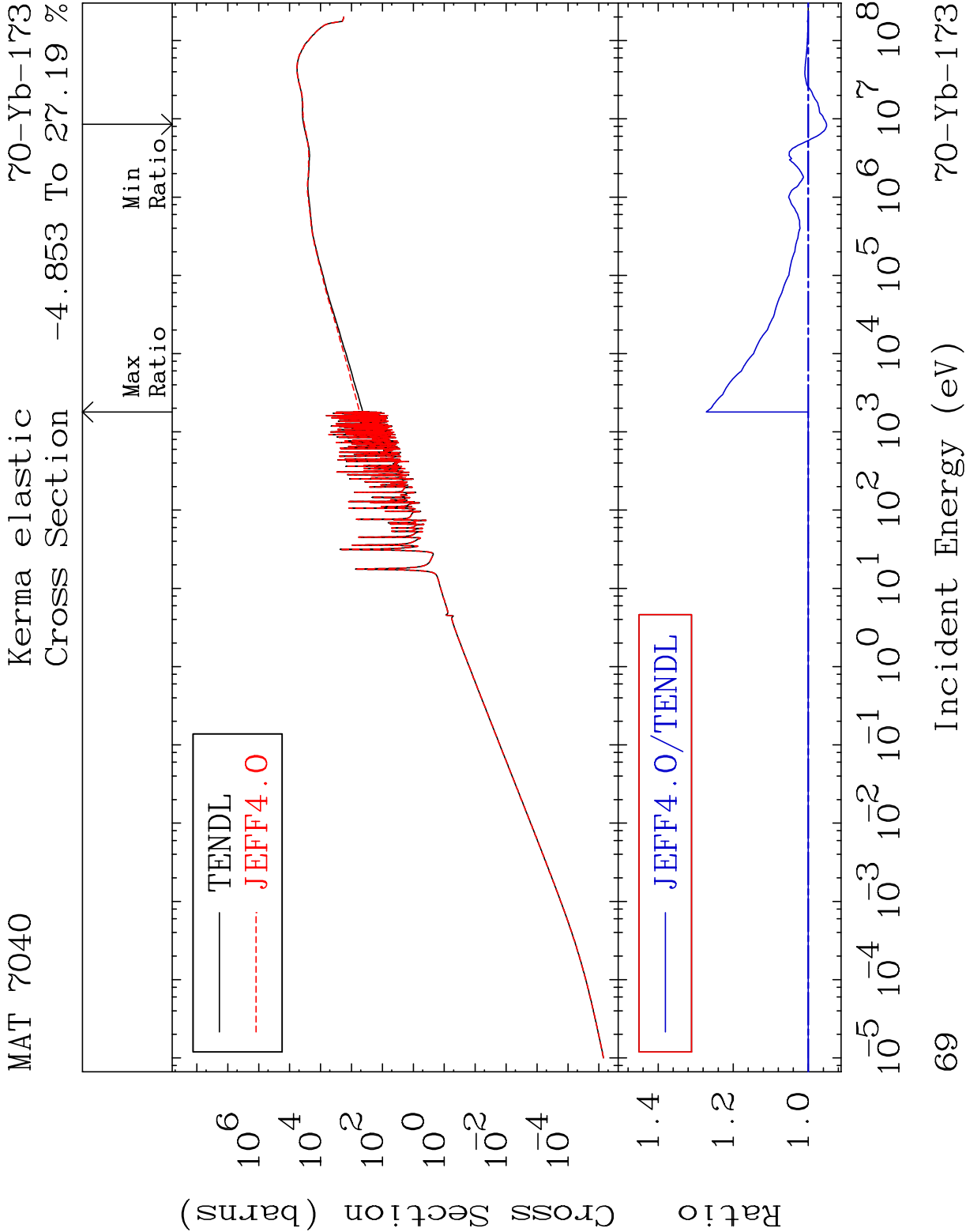


66 Incident Energy (eV) 70-Yb-173

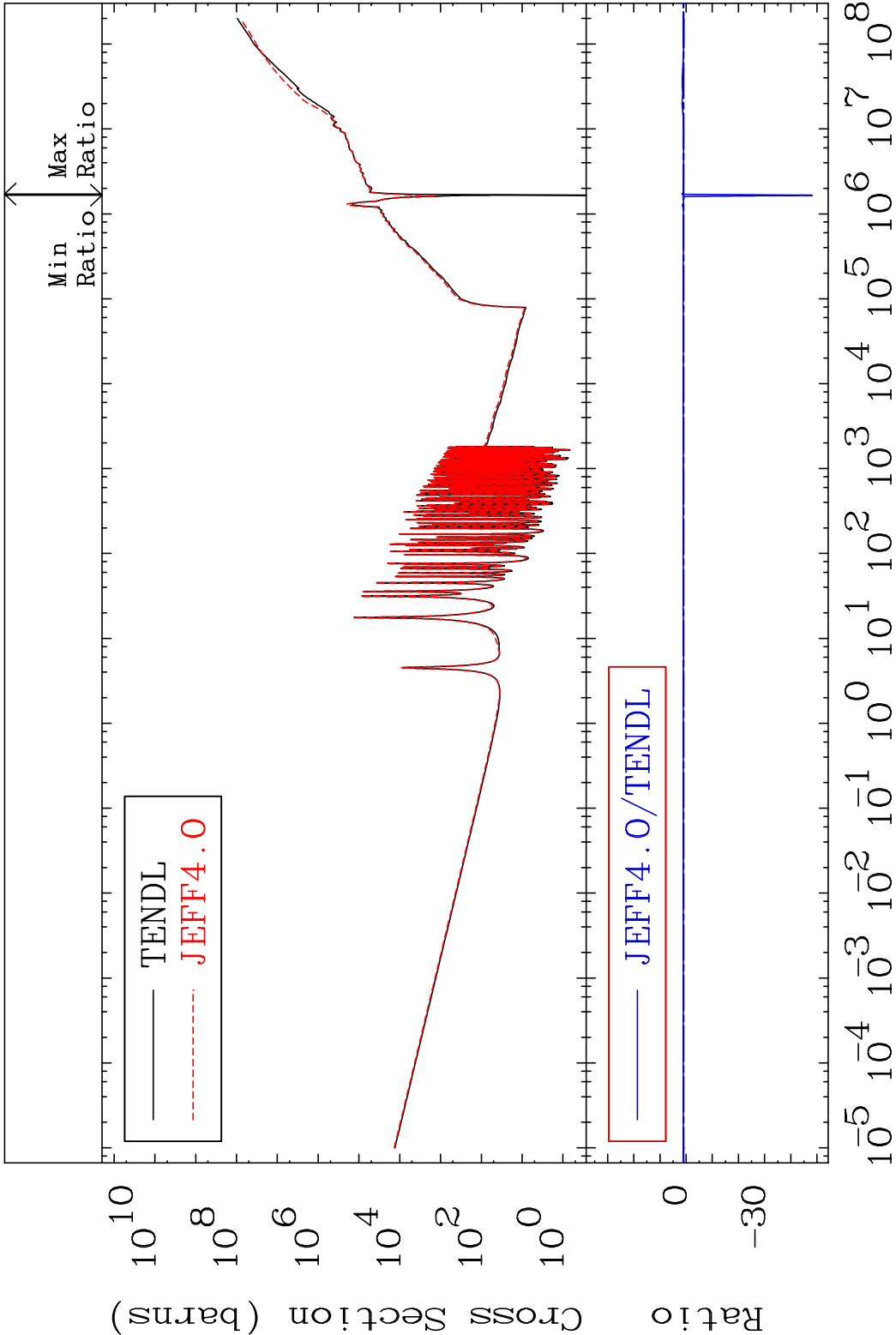


MAT 7040 Kerma total (eV-barns) 70-Yb-173
Cross Section -15.91 To 52.89 %



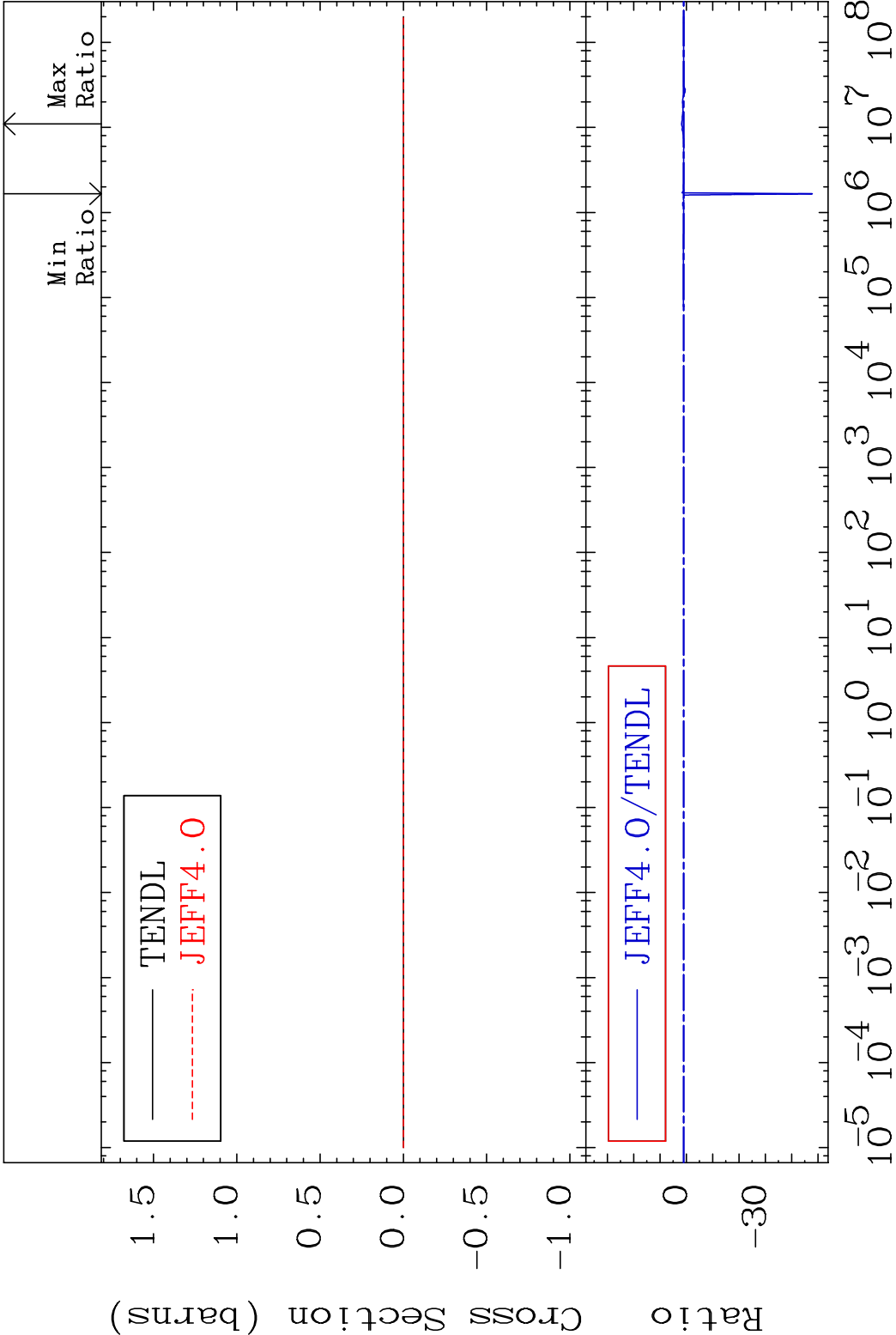


MAT 7040 Kerma non-elastic (all but mt2) 70-Yb-173
 Cross Section -4921. To 67.89 %



70 Incident Energy (eV) 70-Yb-173

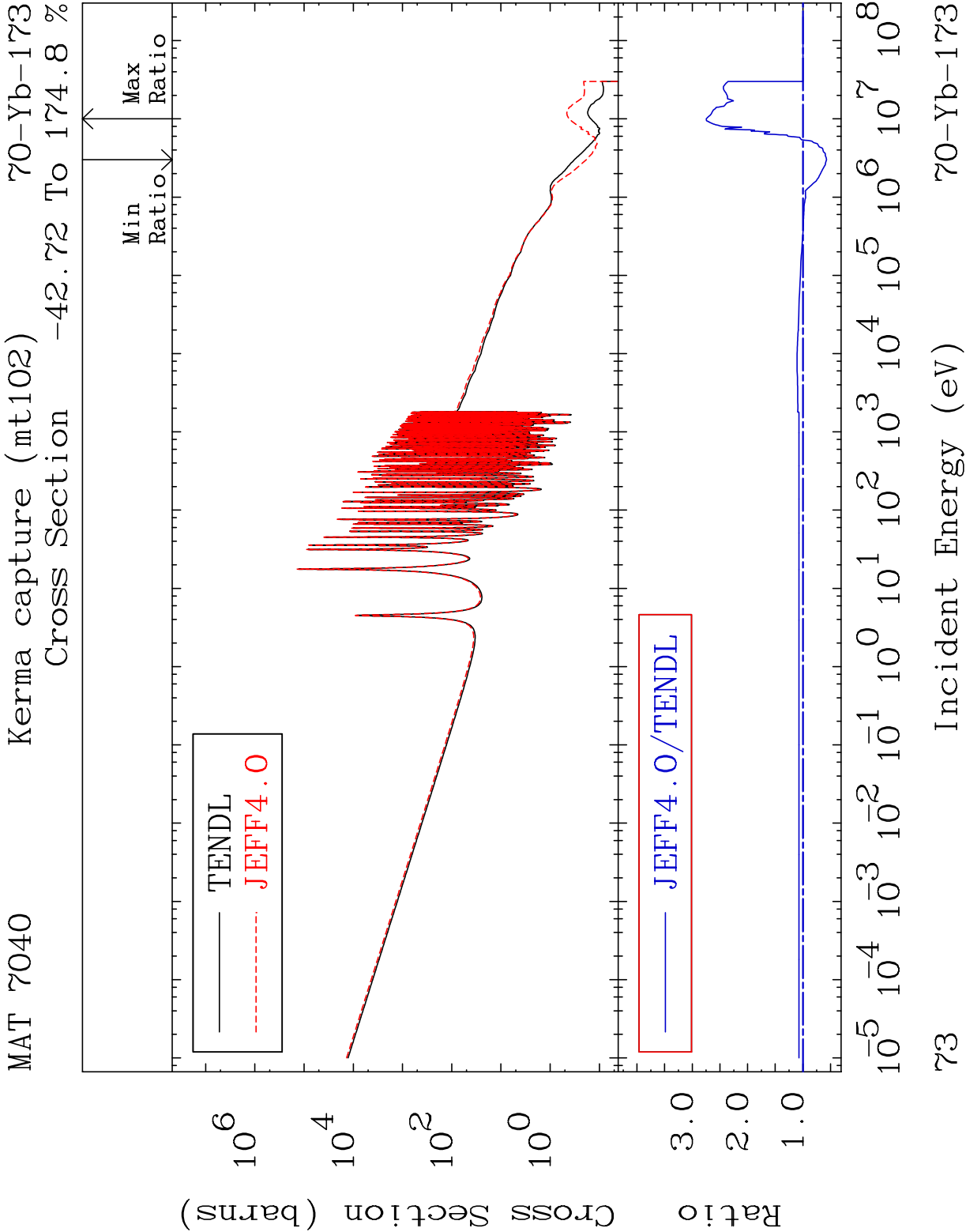
MAT 7040 Kerma fission (mt18 or mt19-20-21-38)70-Yb-173
 Cross Section -4882. To 82.38 %

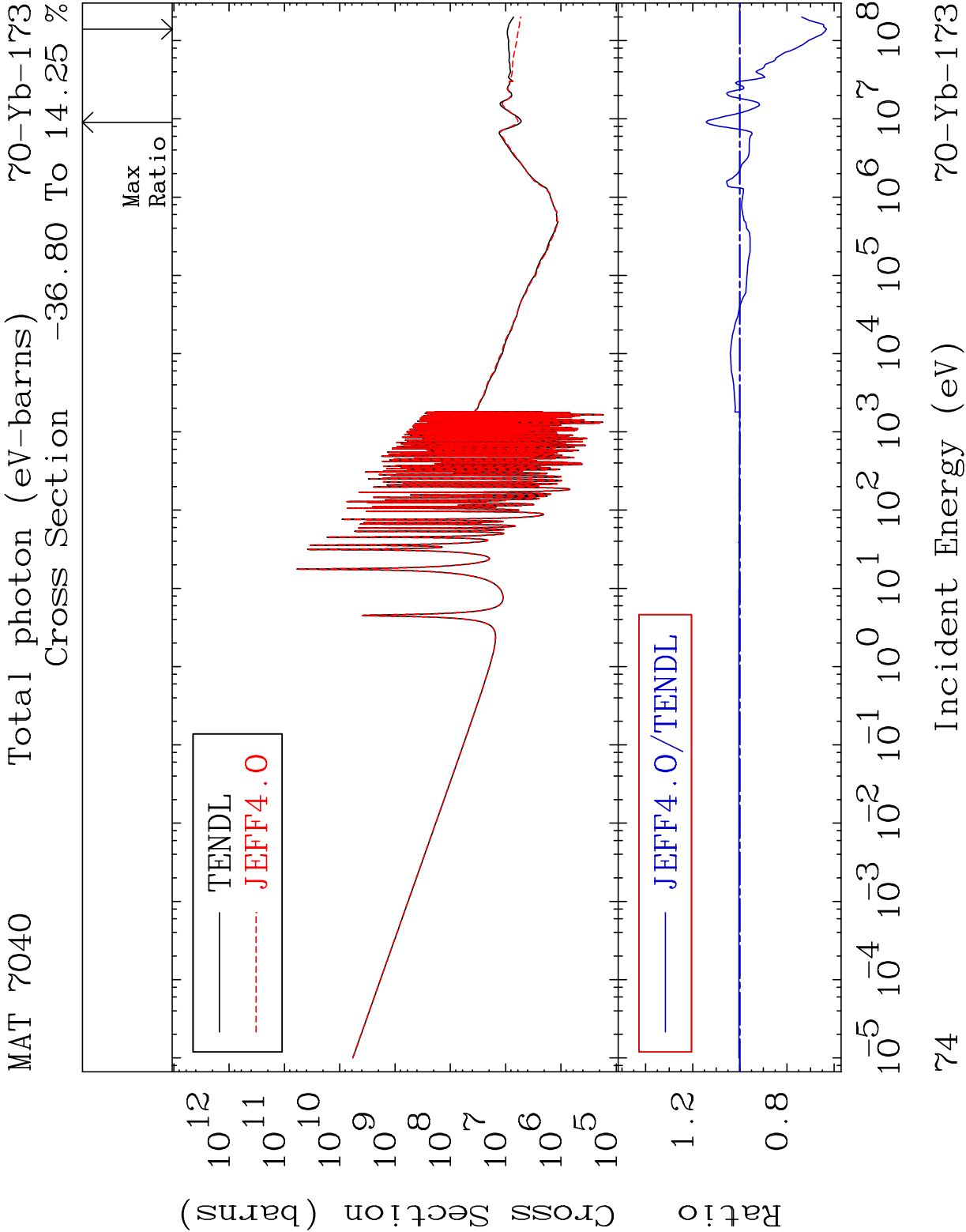


72

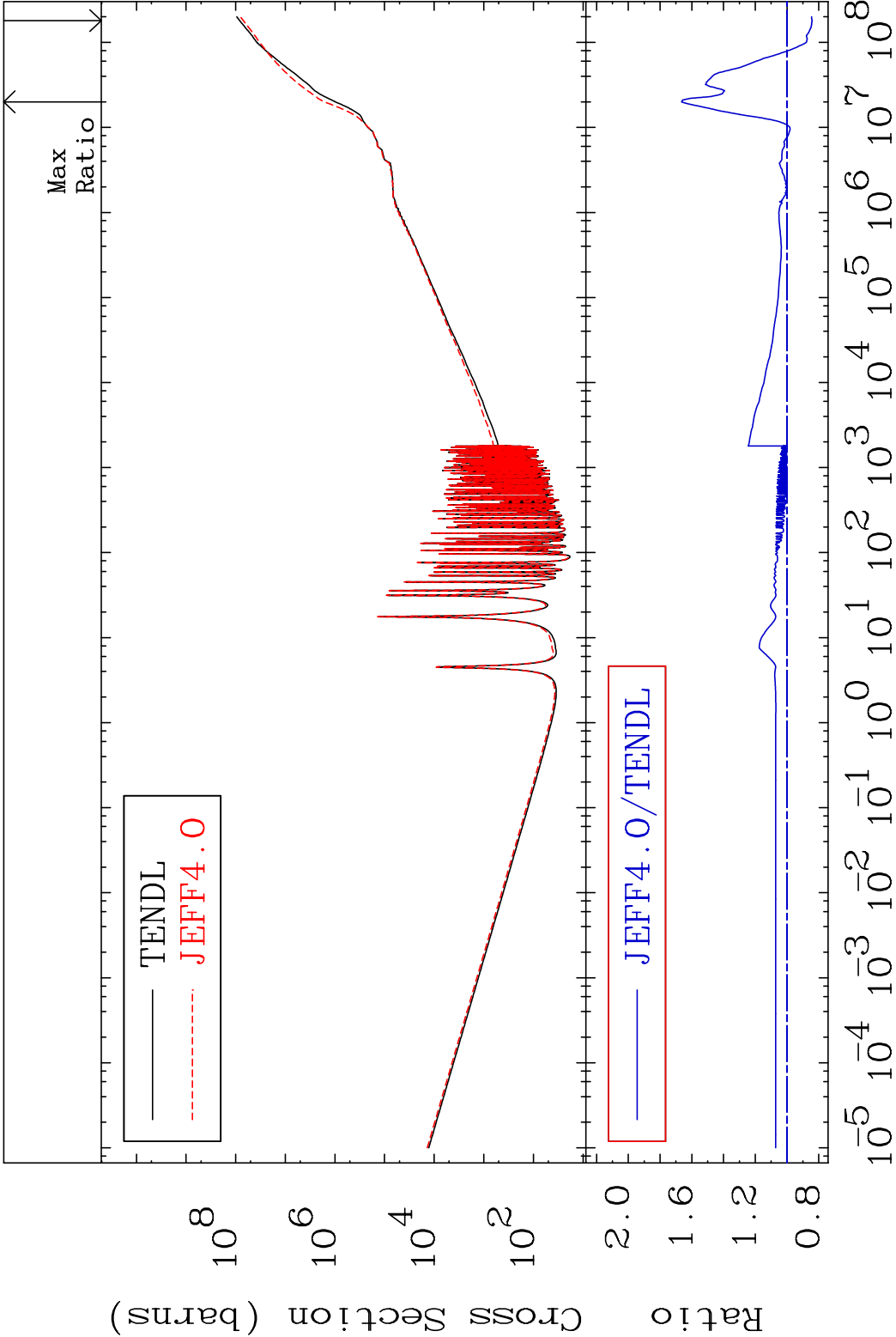
Incident Energy (eV)

70-Yb-173

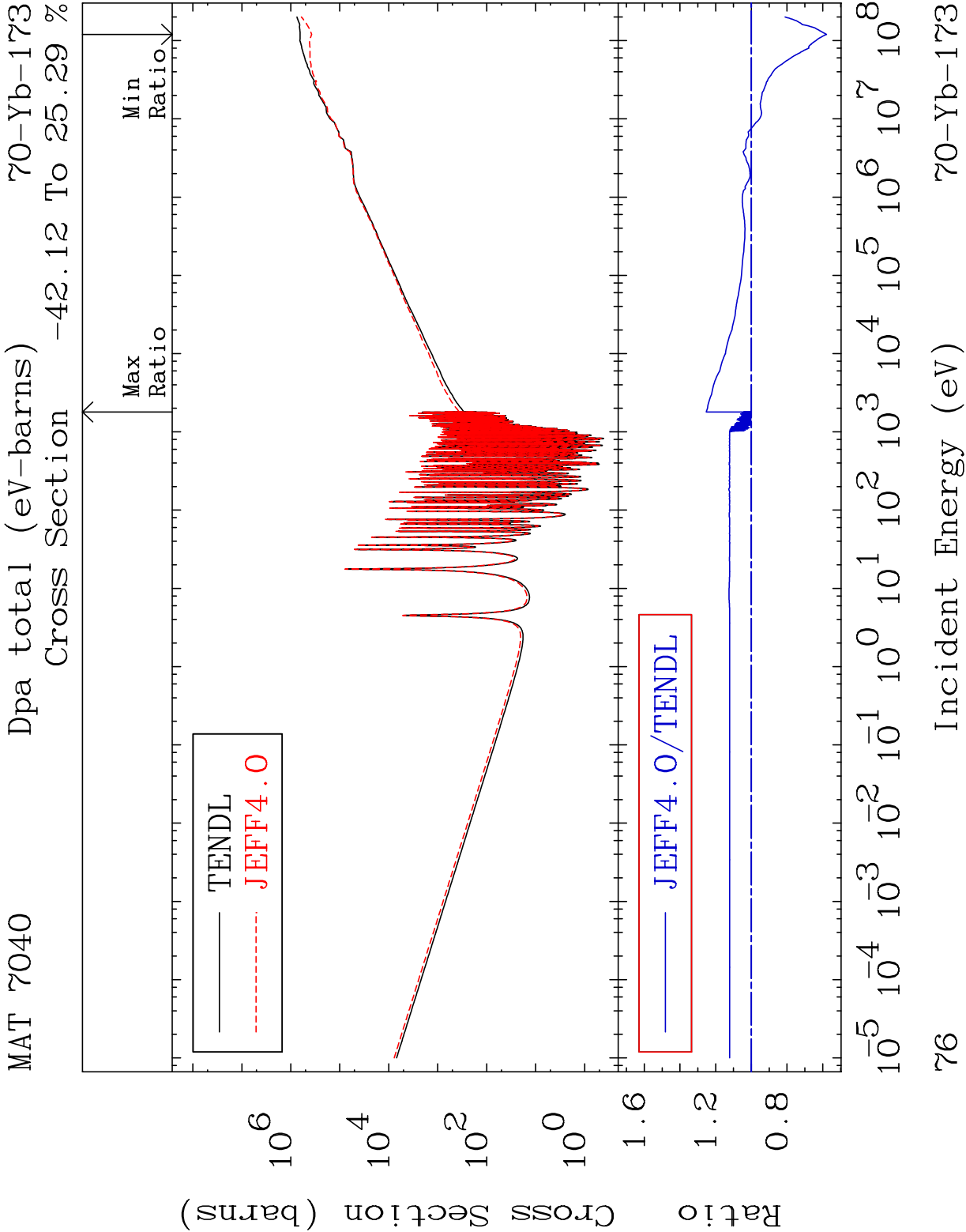




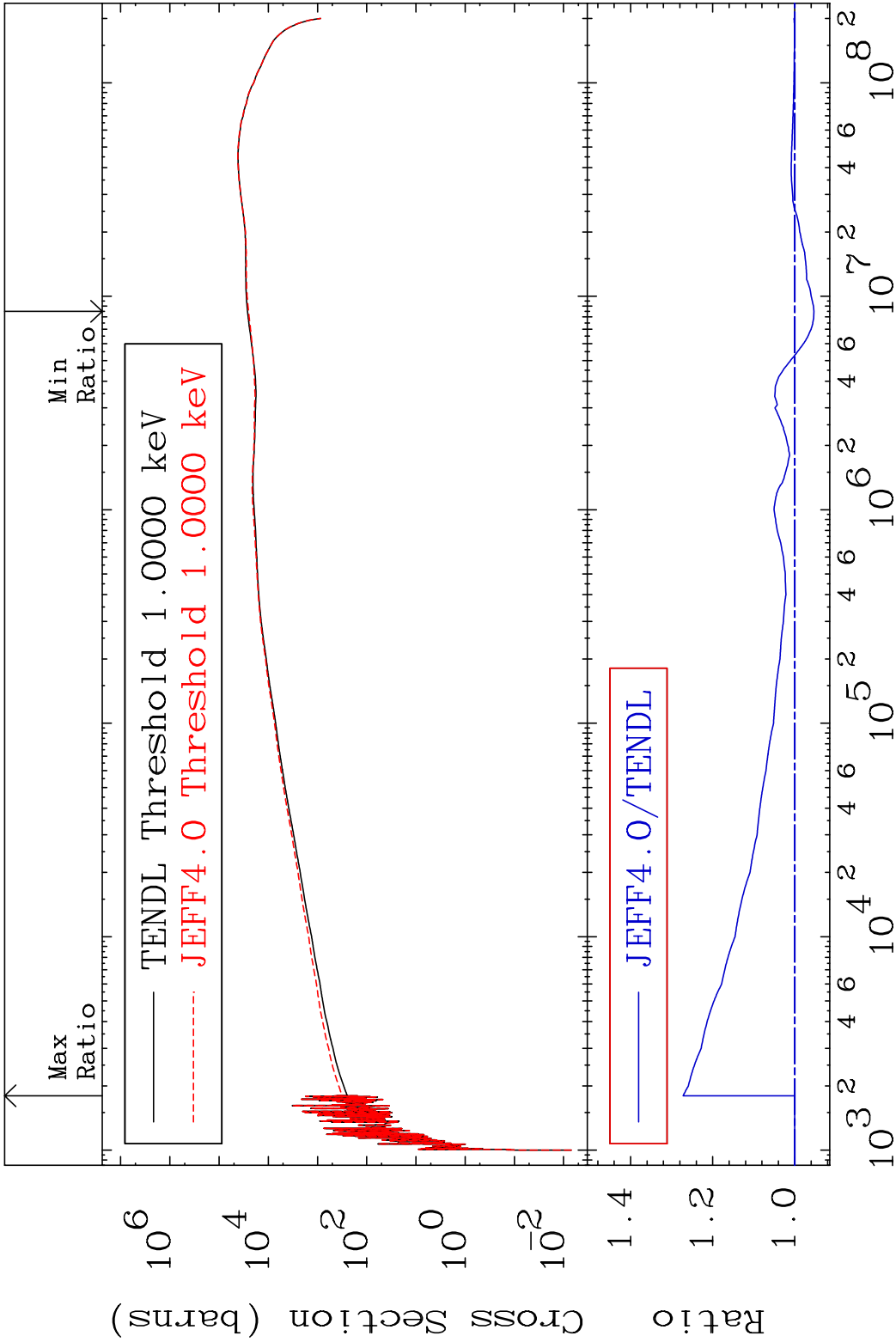
MAT 7040 Total kinematic kerma (high limit) 70-Yb-173
Cross Section -15.91 To 66.47 %



75 Incident Energy (eV) 70-Yb-173



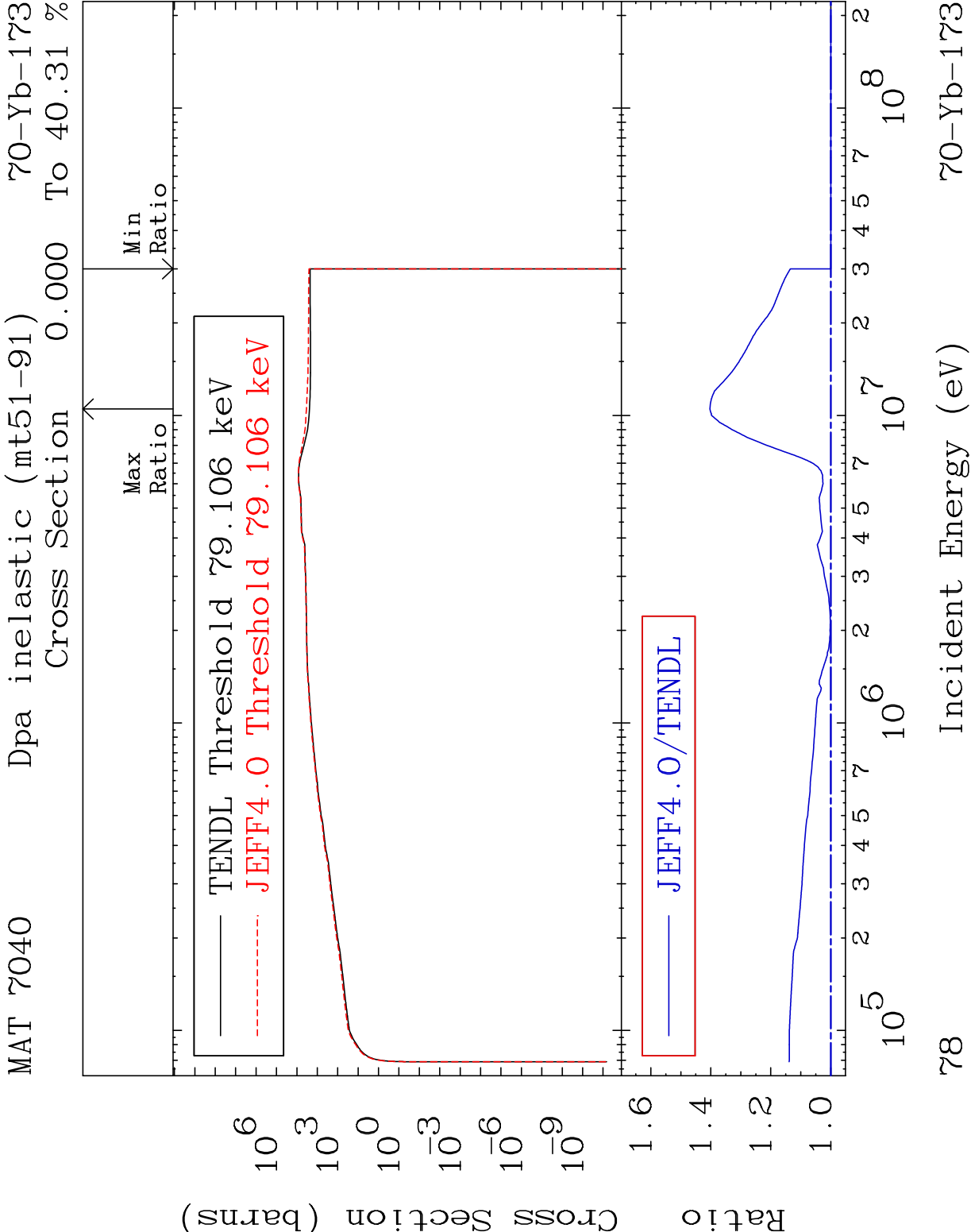
MAT 7040 Dpa elastic (mt2) 70-Yb-173
Cross Section -4.654 To 27.23 %



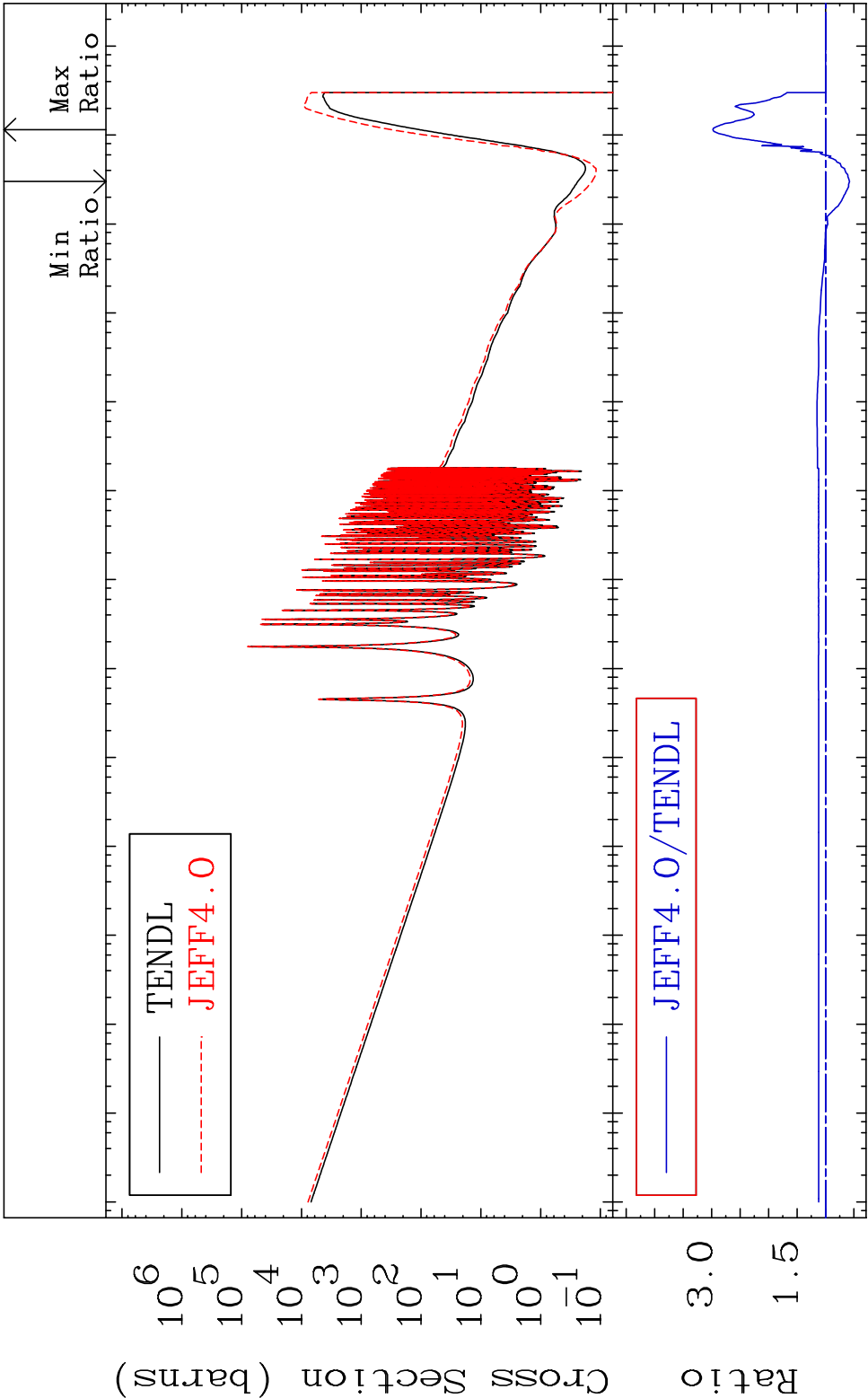
77

Incident Energy (eV)

70-Yb-173



MAT 7040 Dpa disappearance (mt102 -120) 70-Yb-173
Cross Section -42.14 To 197.9 %



79 Incident Energy (eV) 70-Yb-173

