

Program Complot
(Version 2021-1)

by

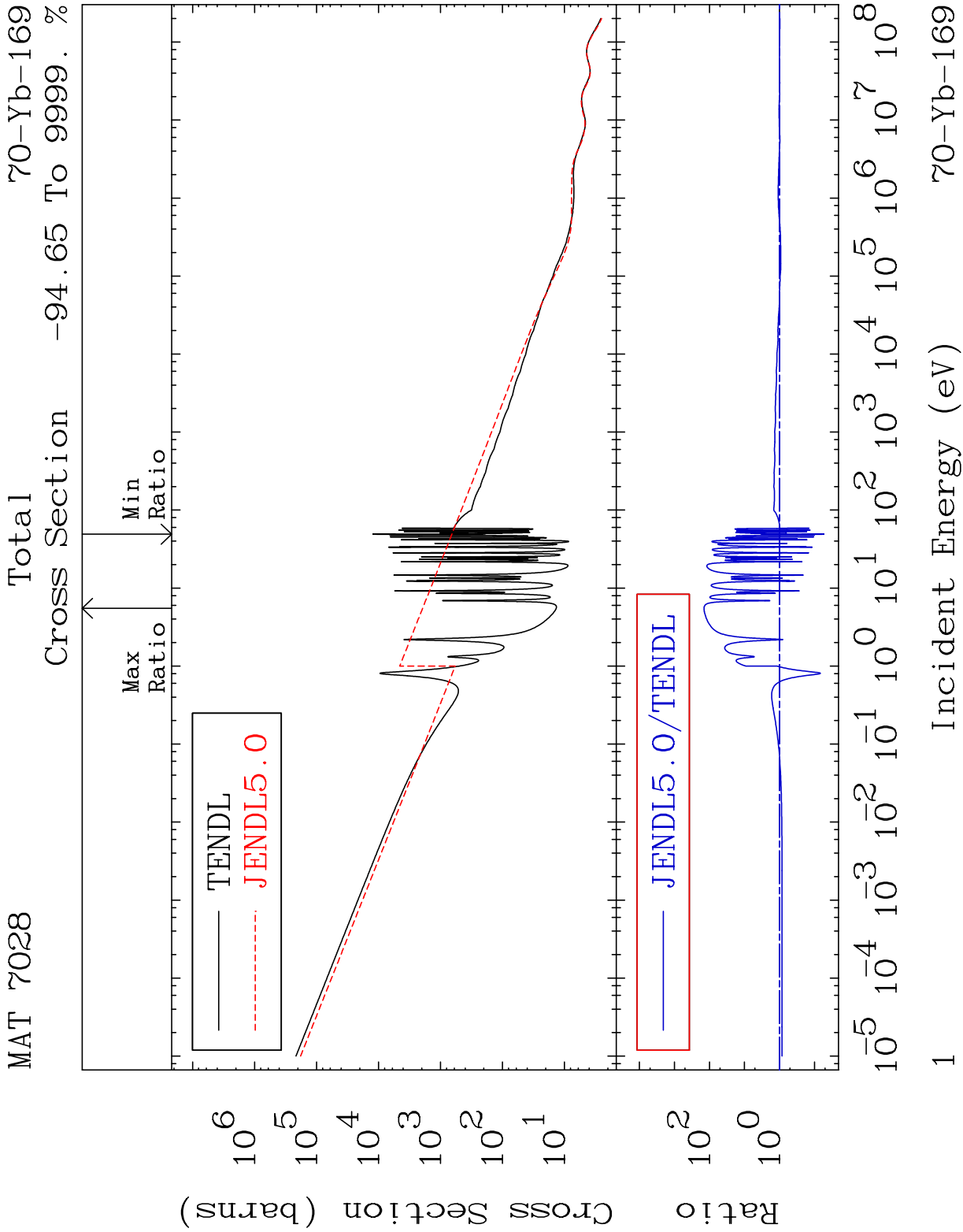
Dermott E. Cullen
(Present Contact Information)

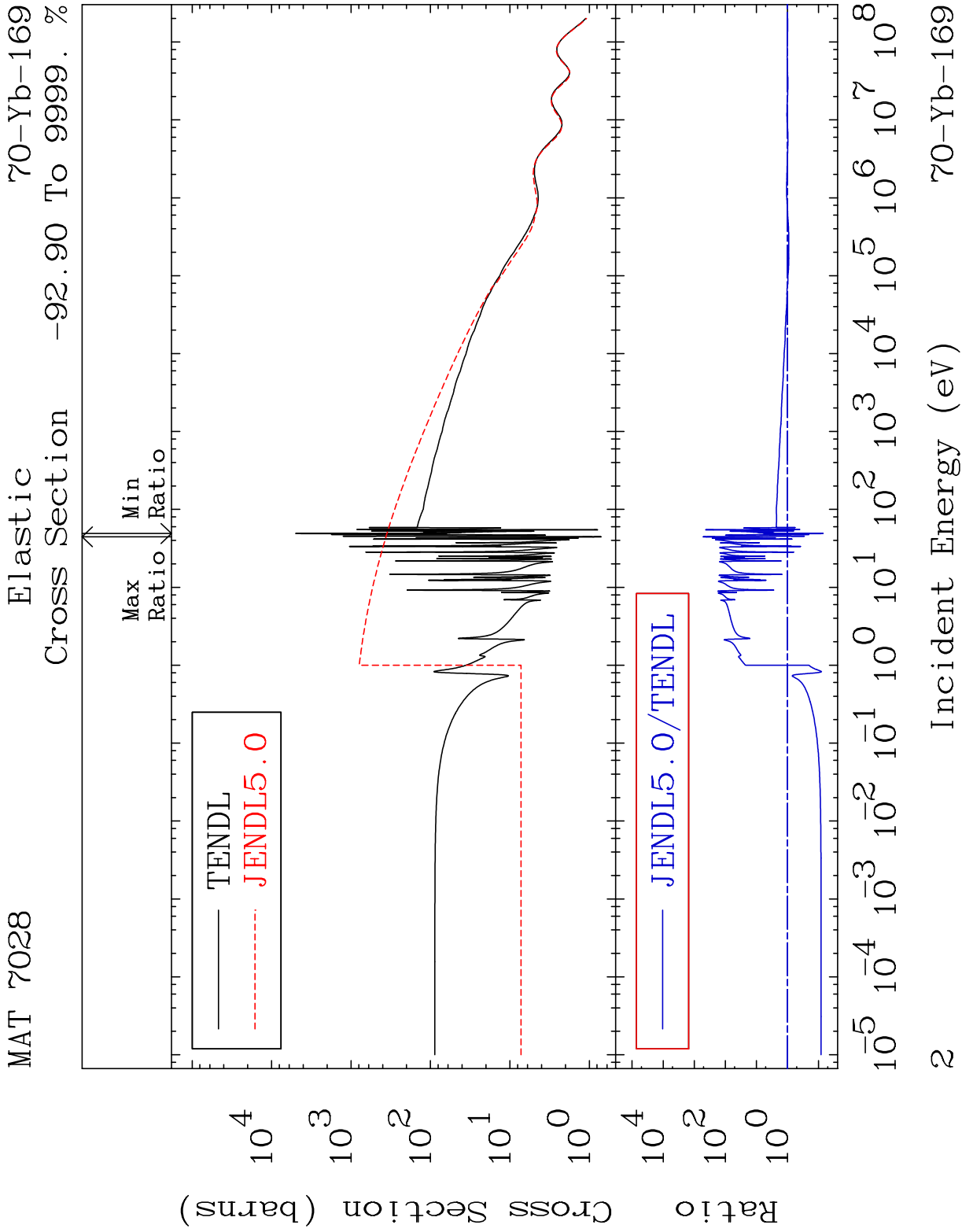
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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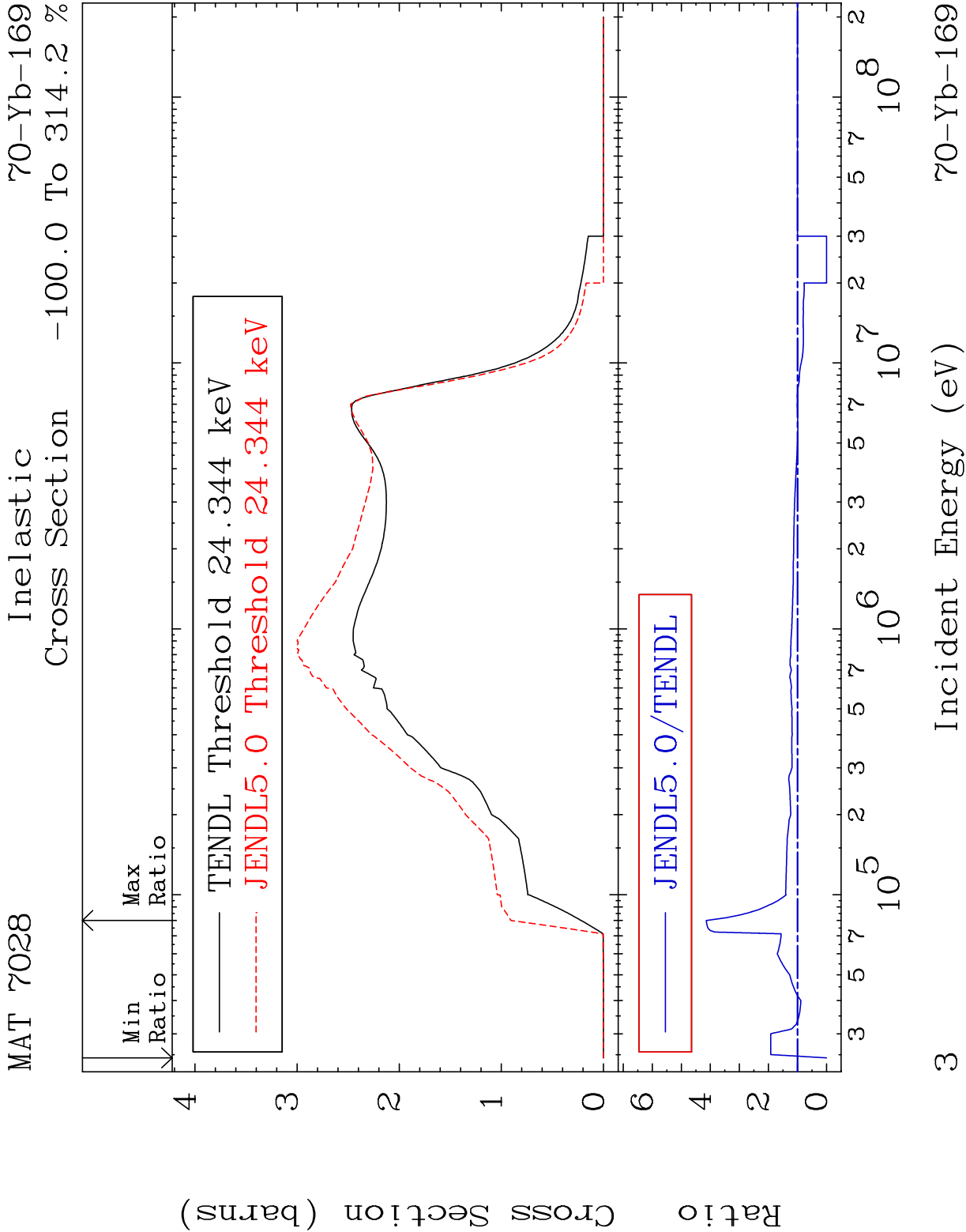
Tele: 925-443-1911

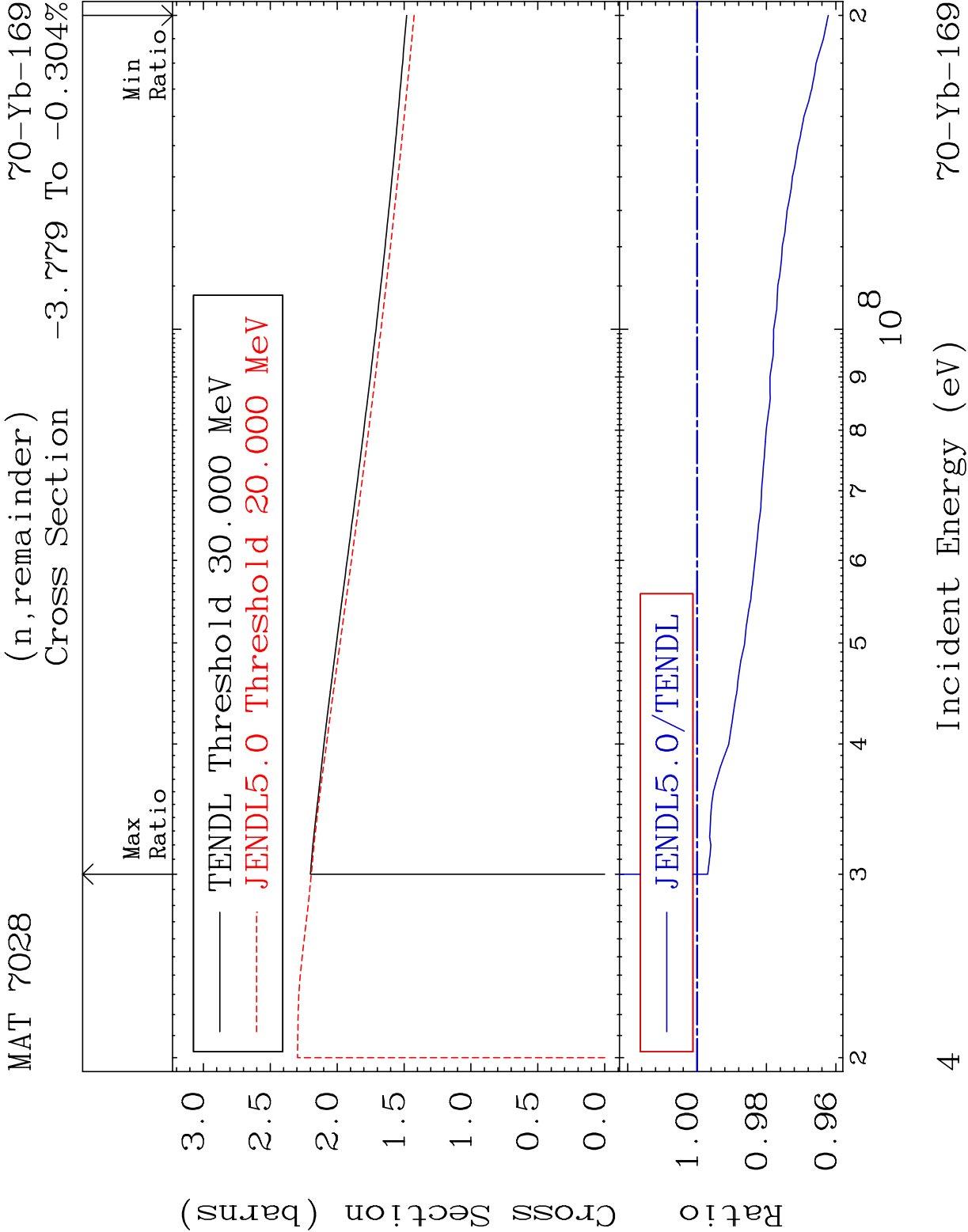
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

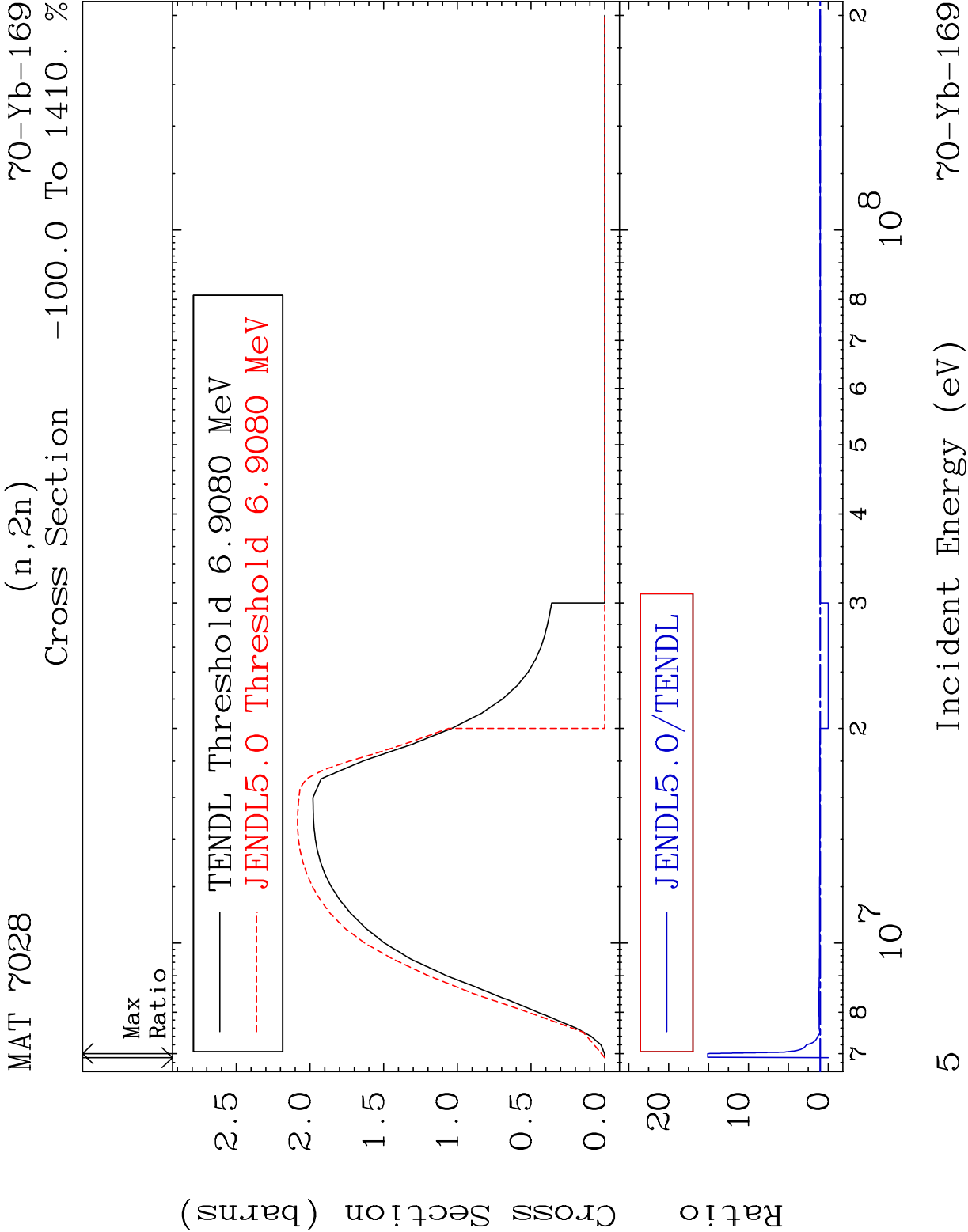
Press Mouse Button to Start

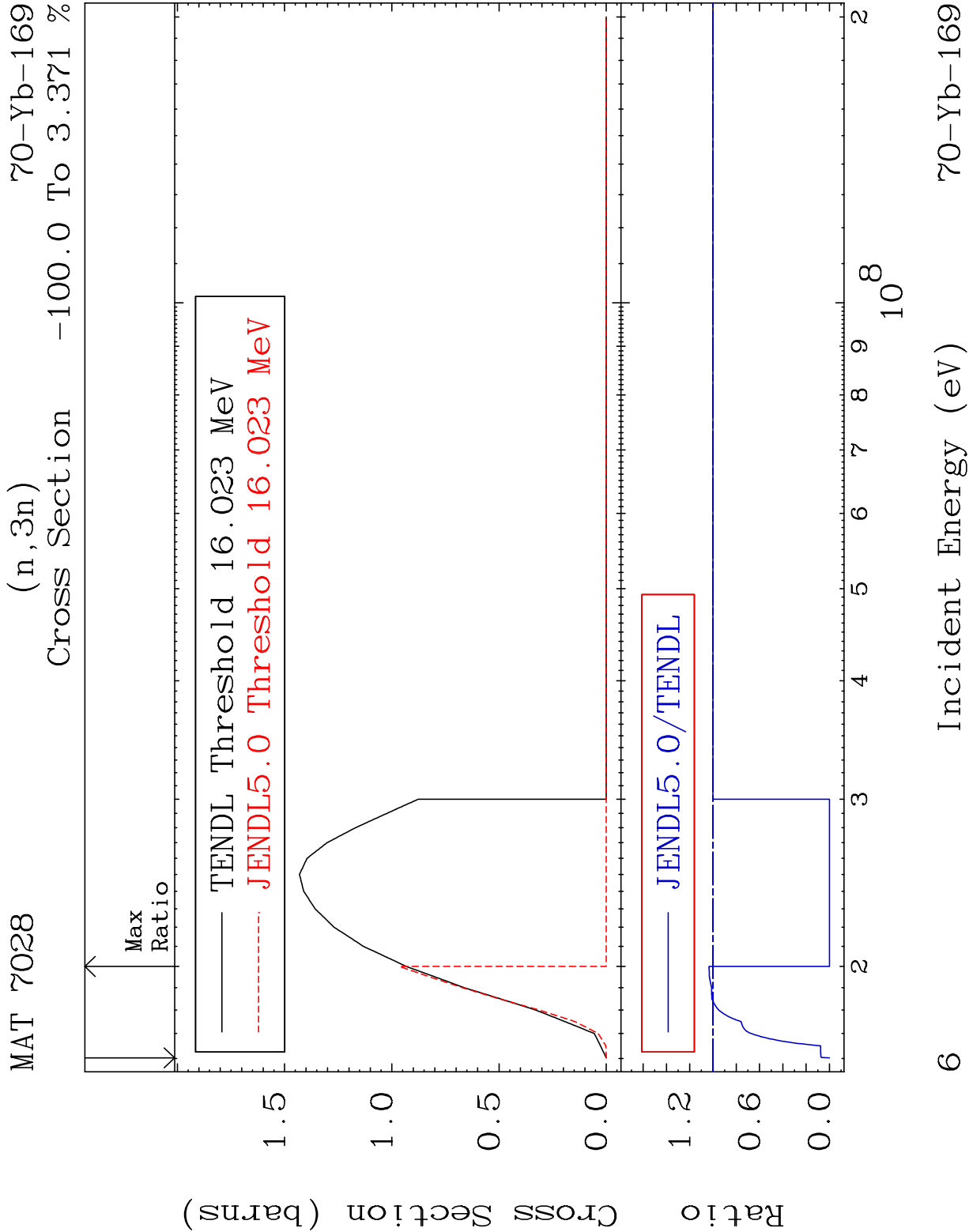


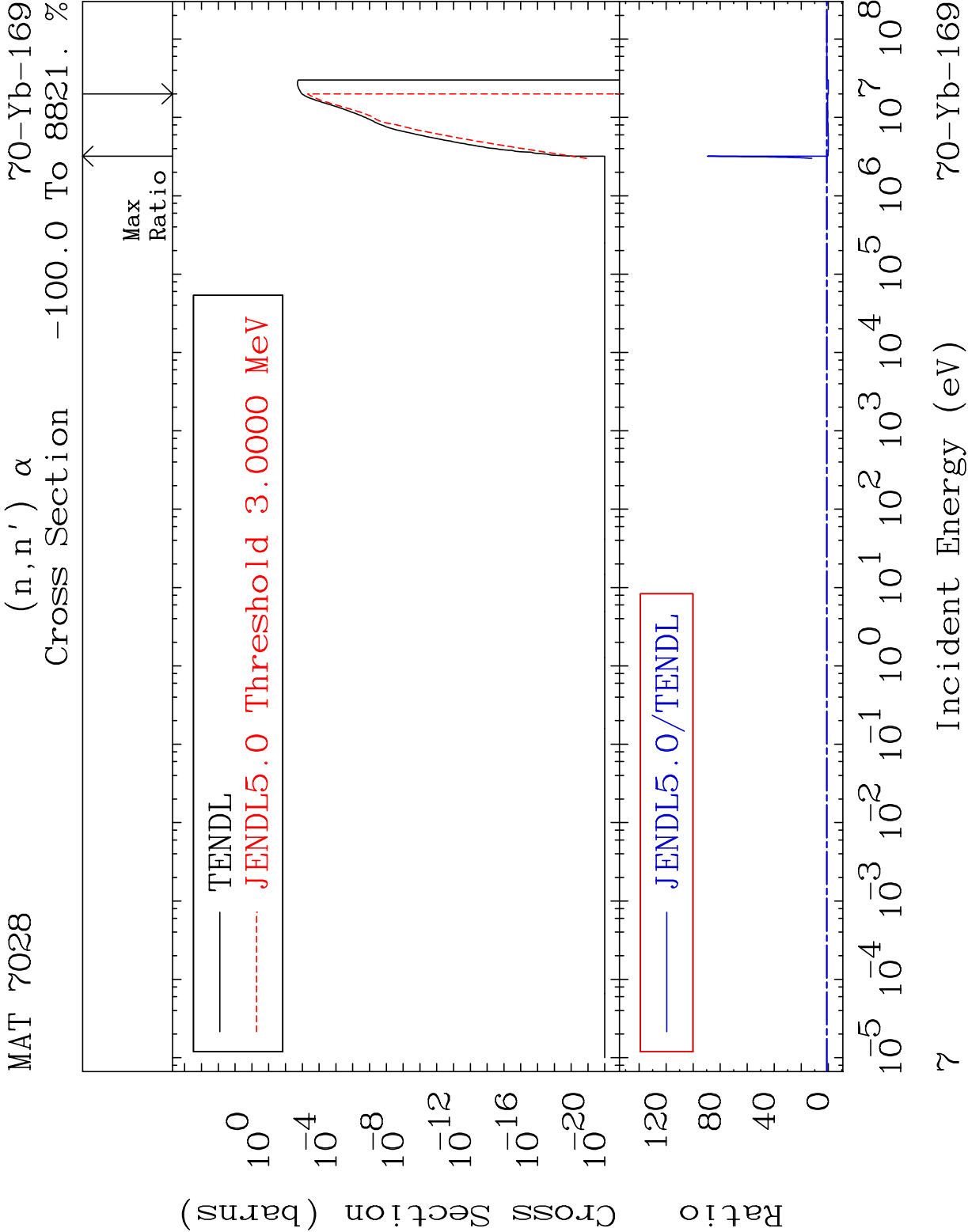


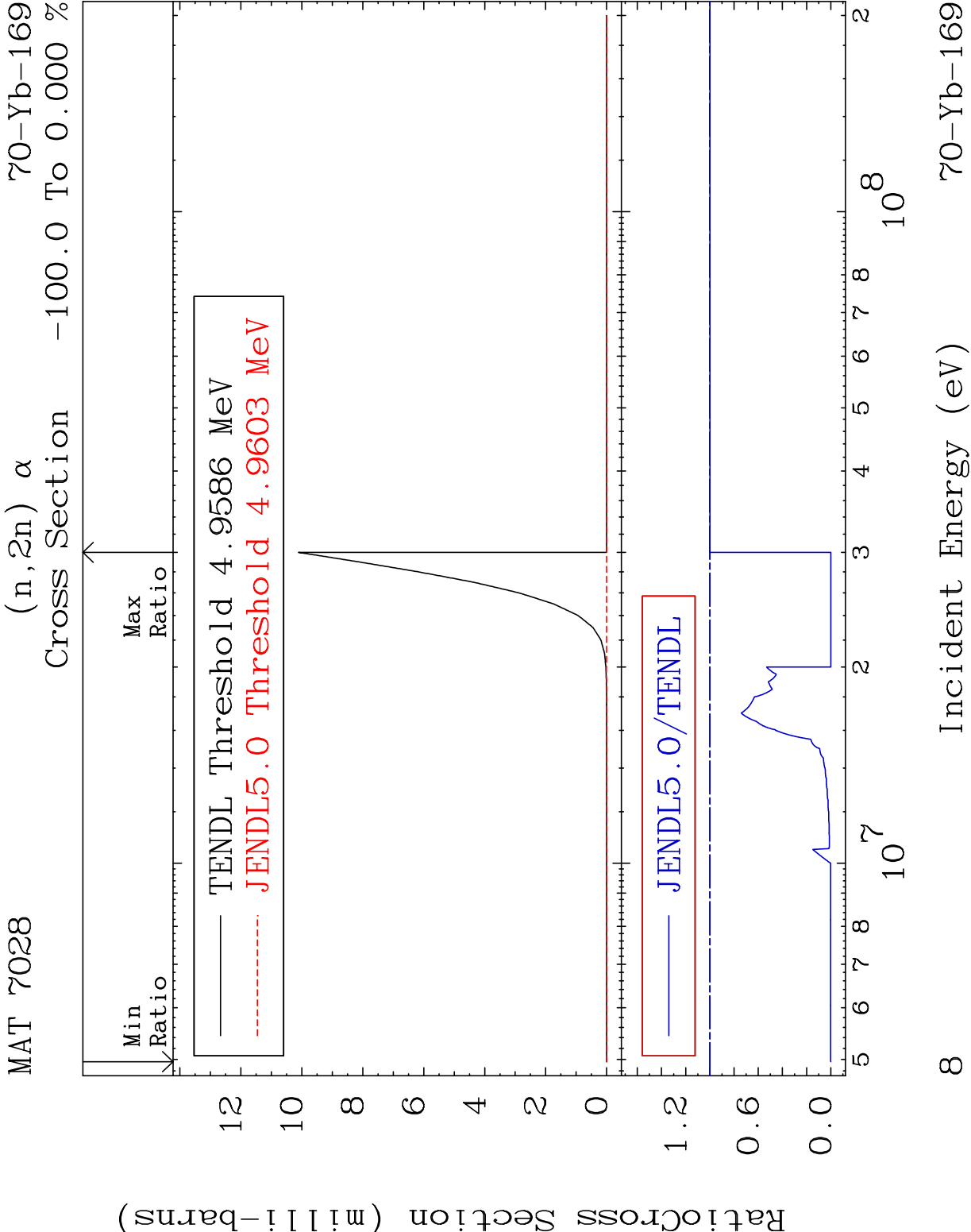


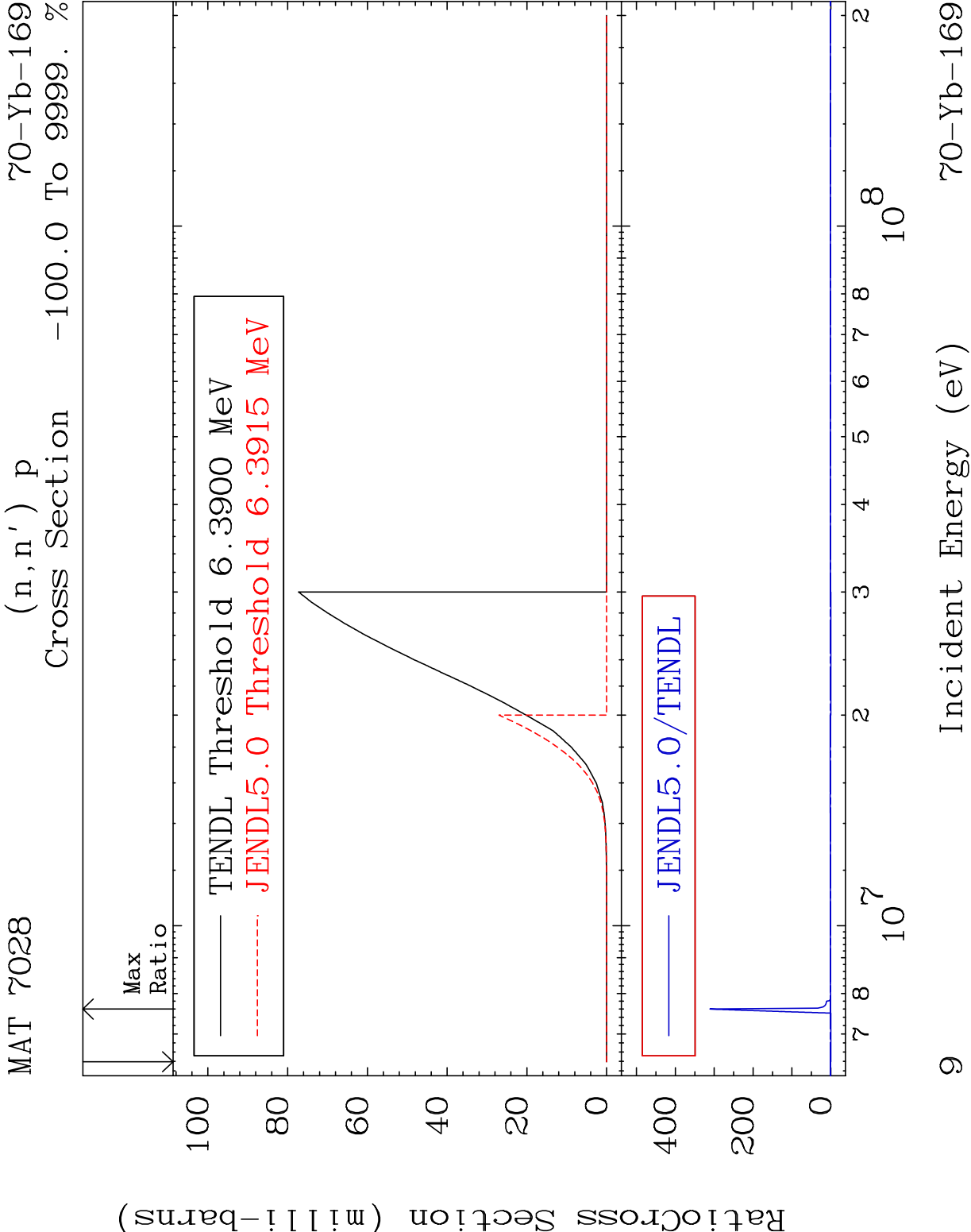


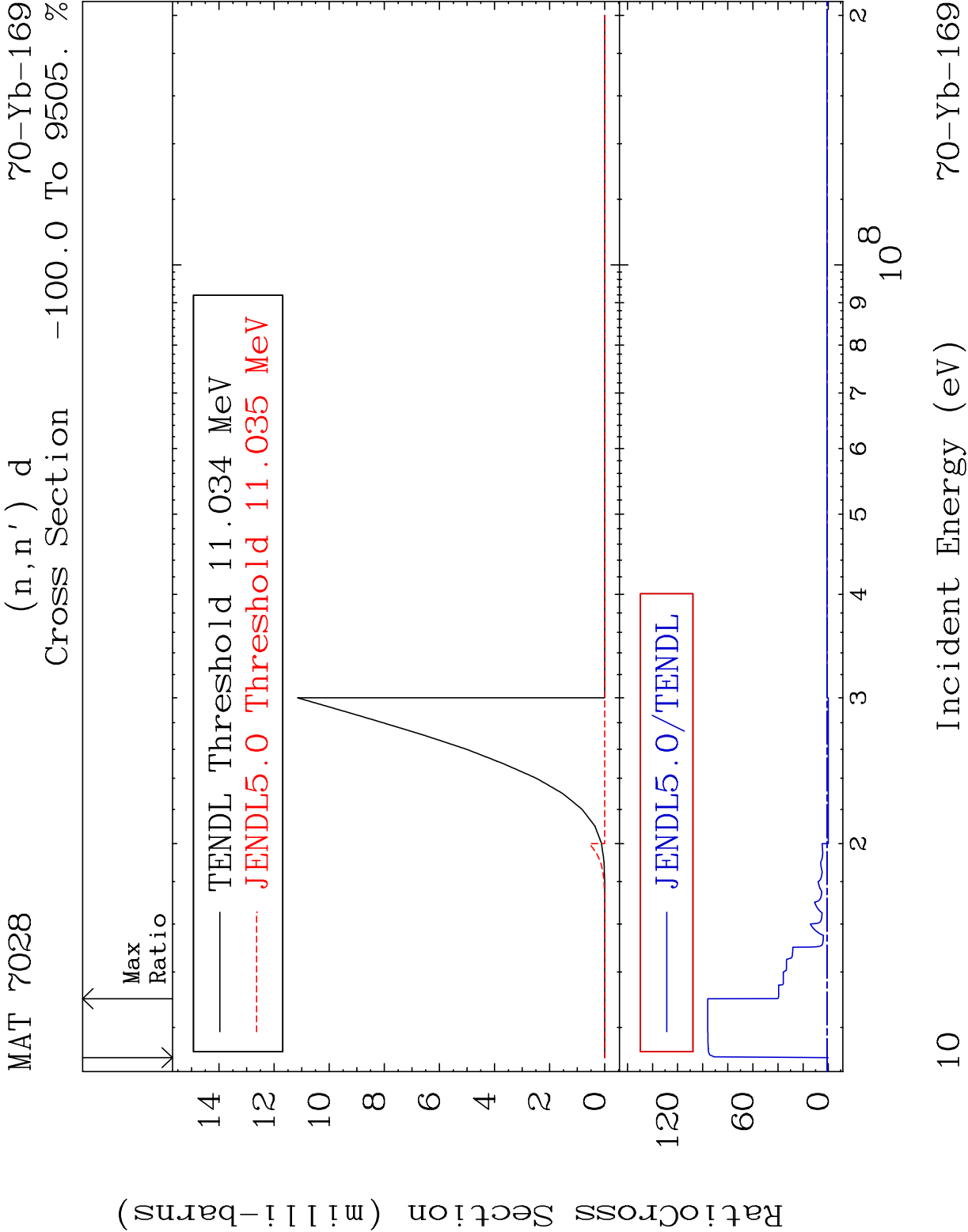


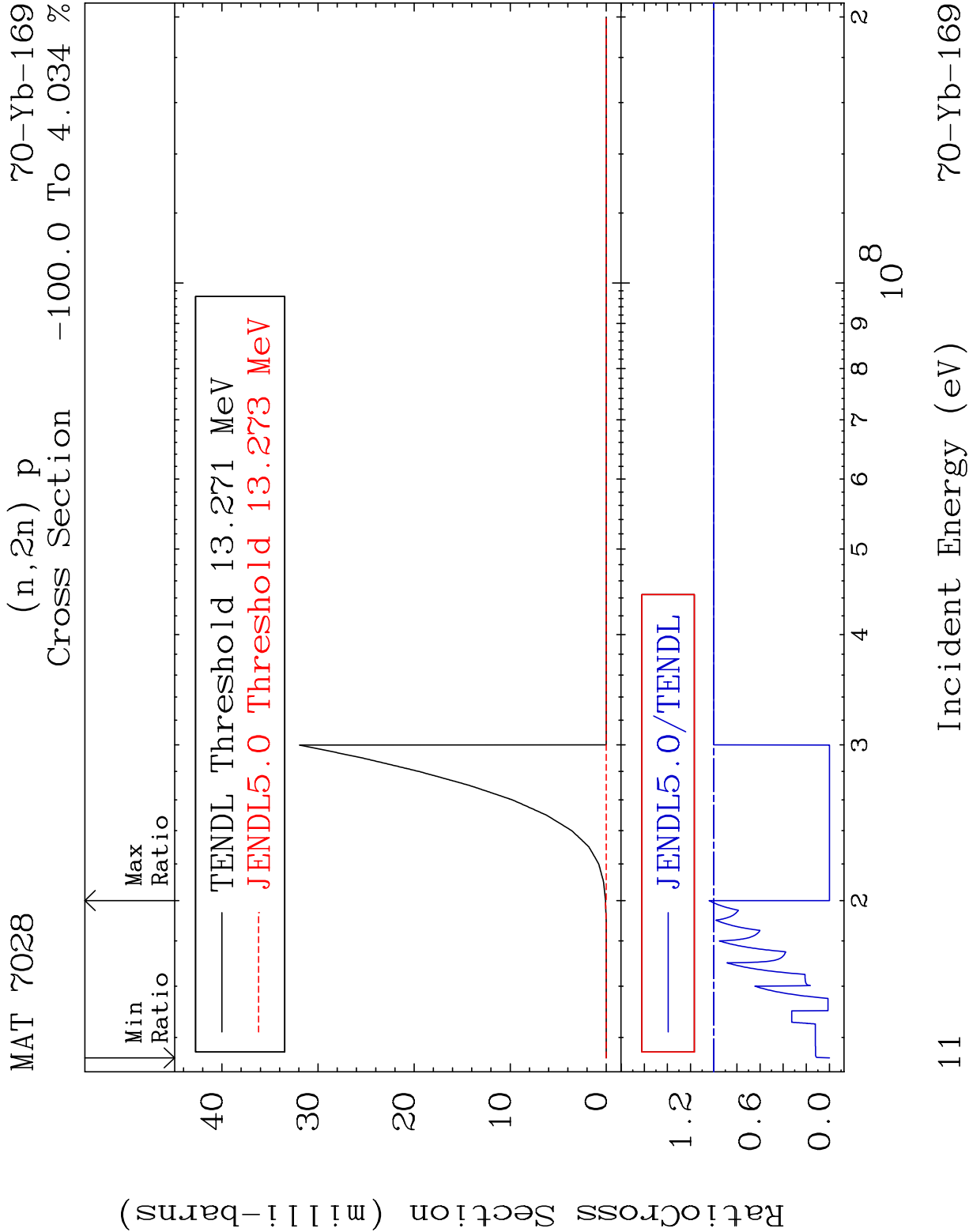


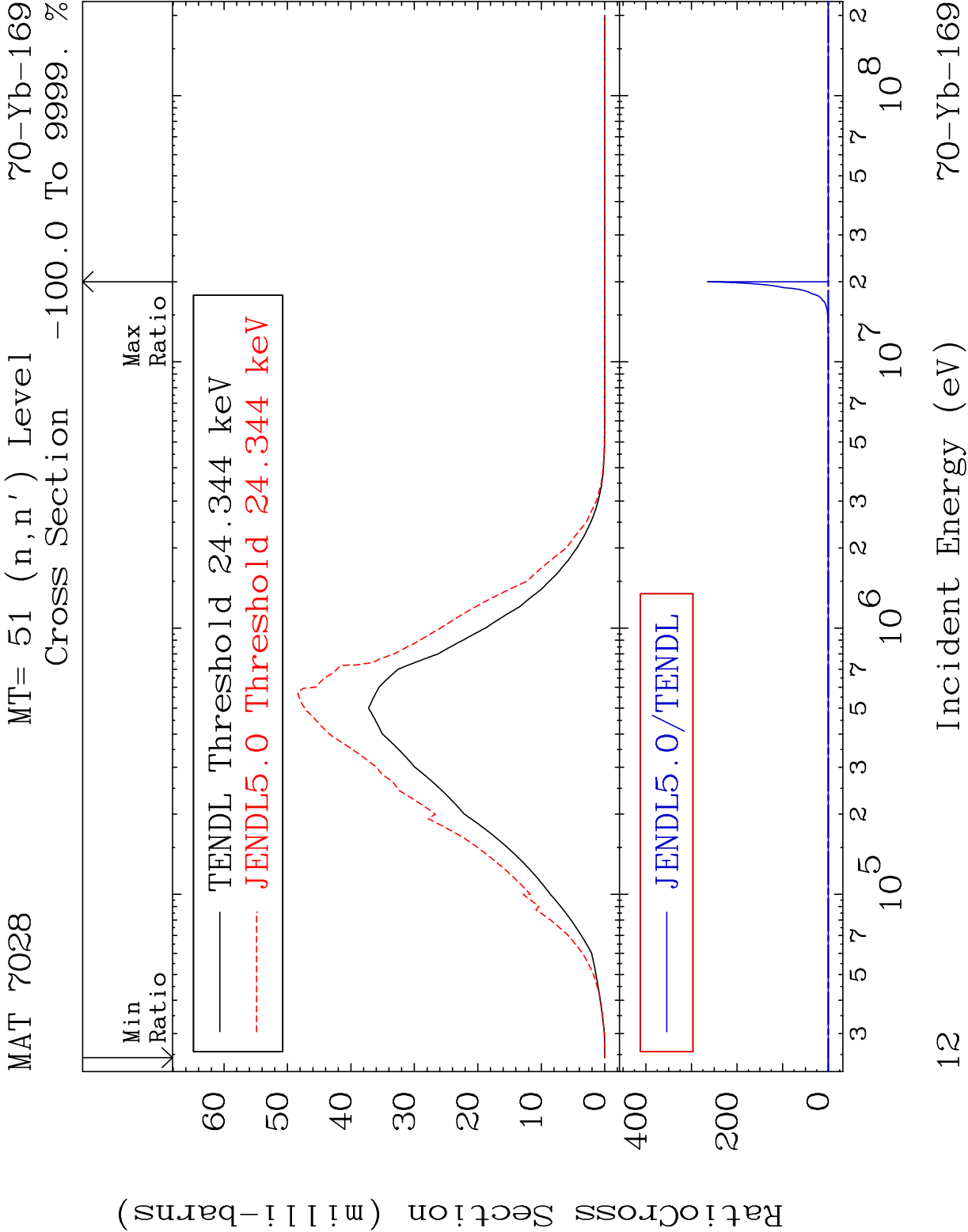


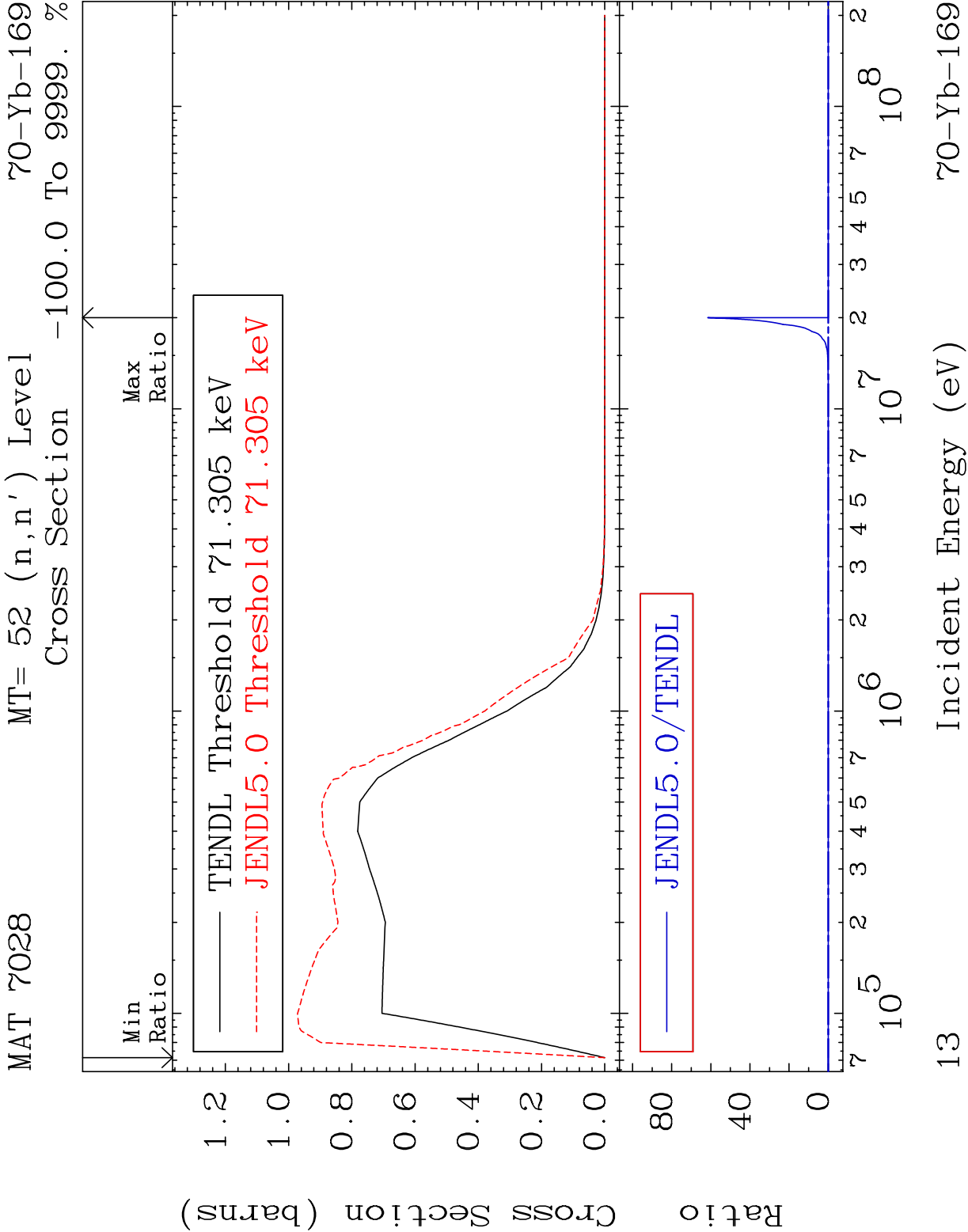


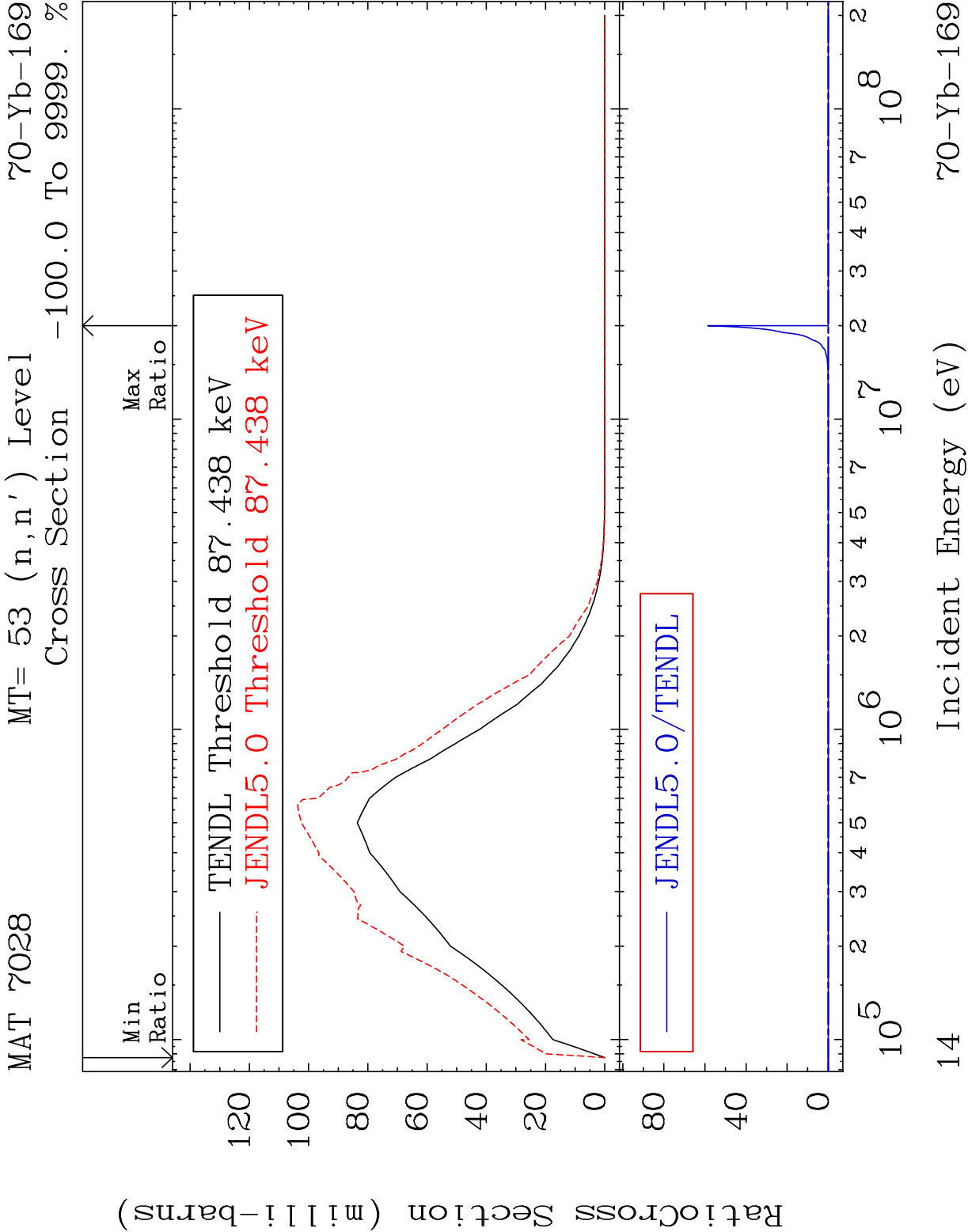


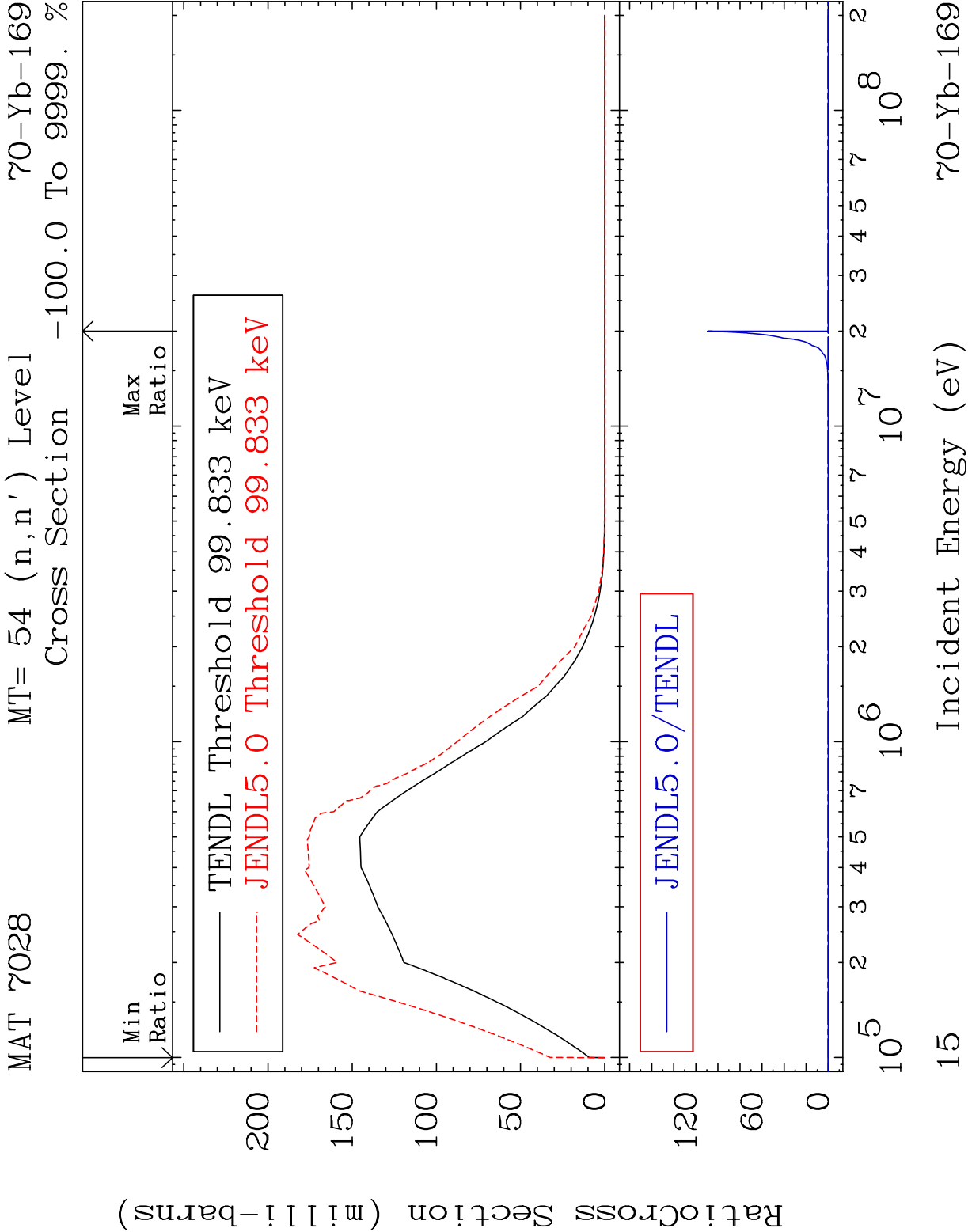




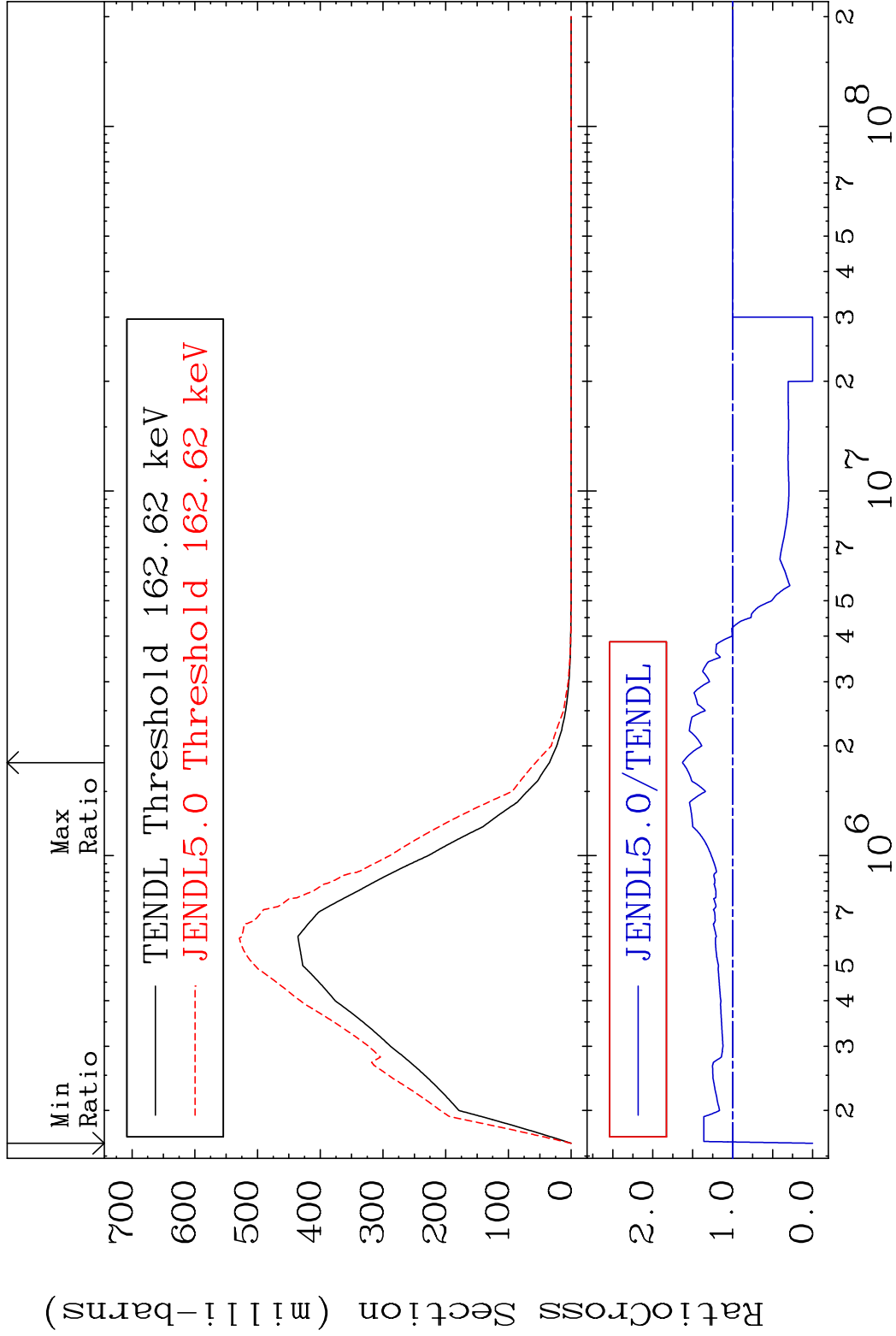






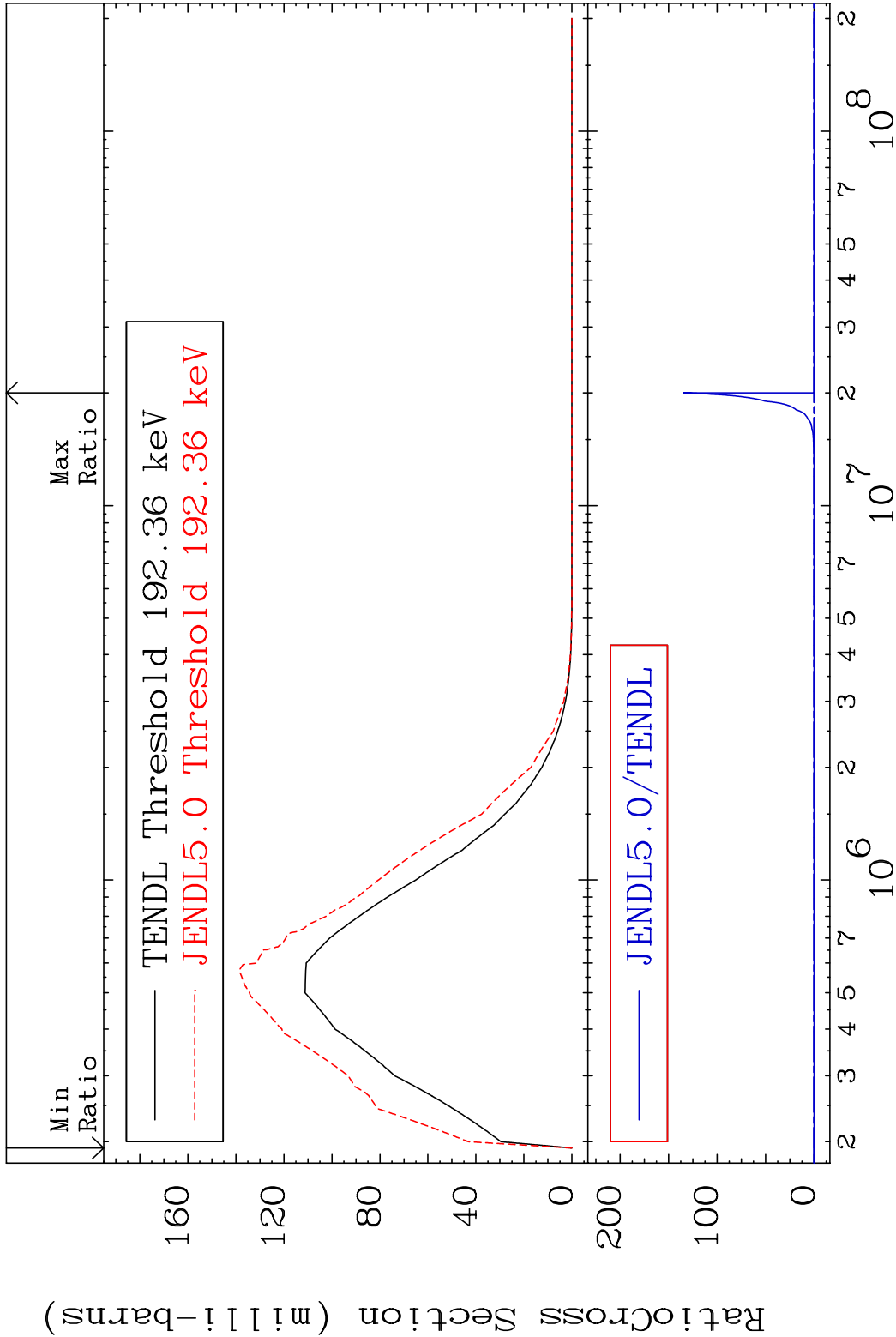


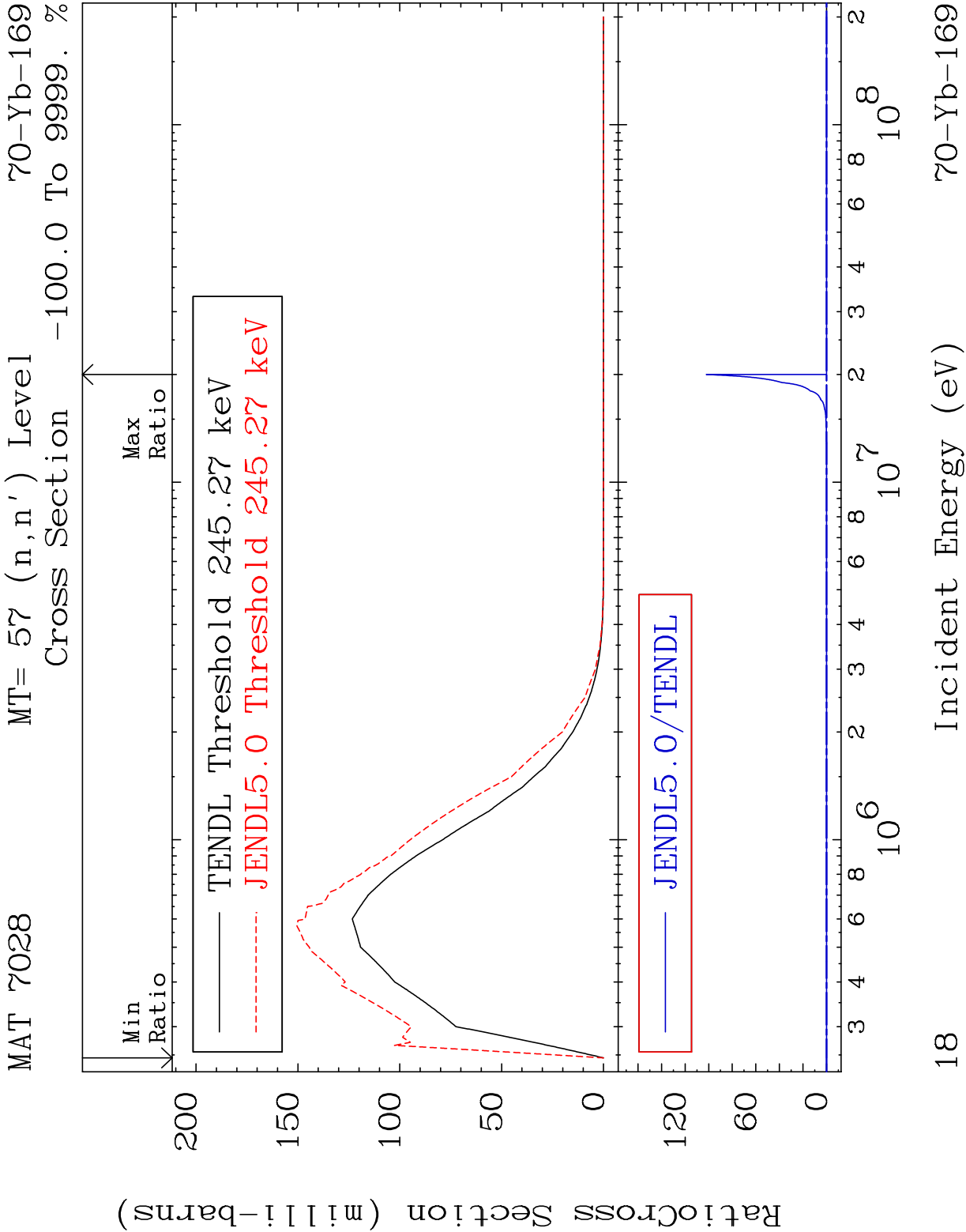
MAT 7028 MT= 55 (n,n') Level 70-Yb-169
Cross Section -100.0 To 62.97 %

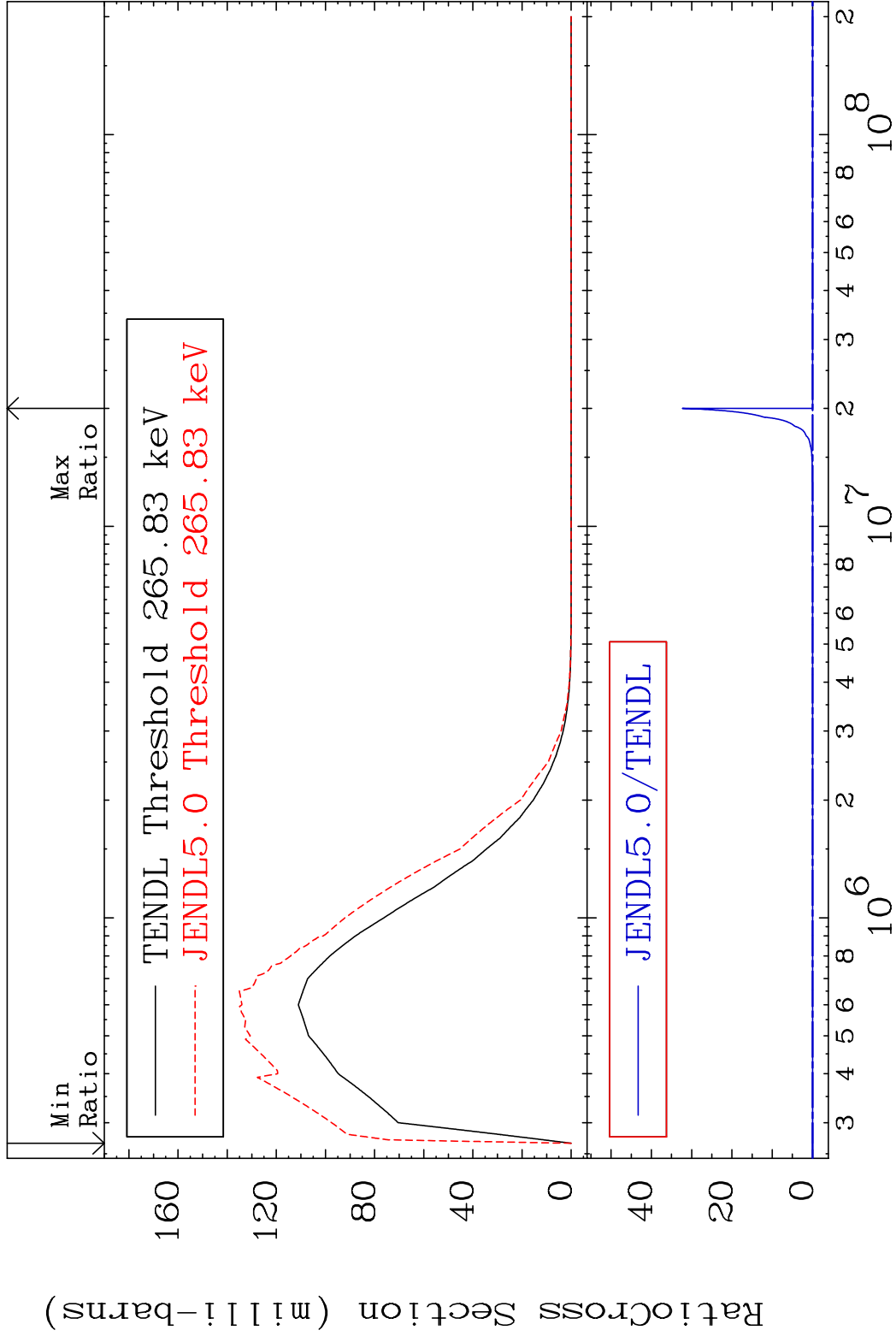


MAT 7028 MT= 56 (n,n') Level 70-Yb-169

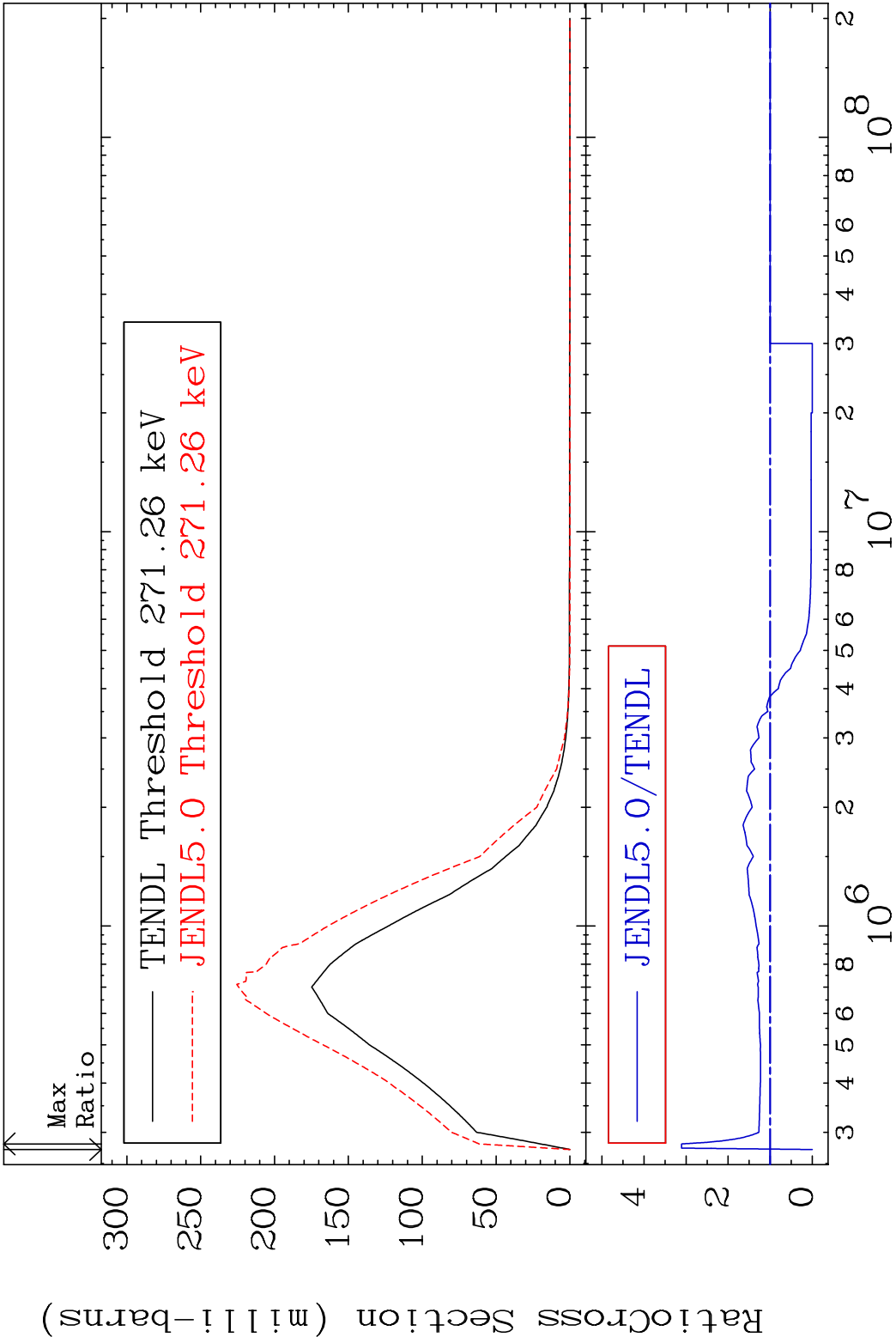
Cross Section -100.0 To 9999. %

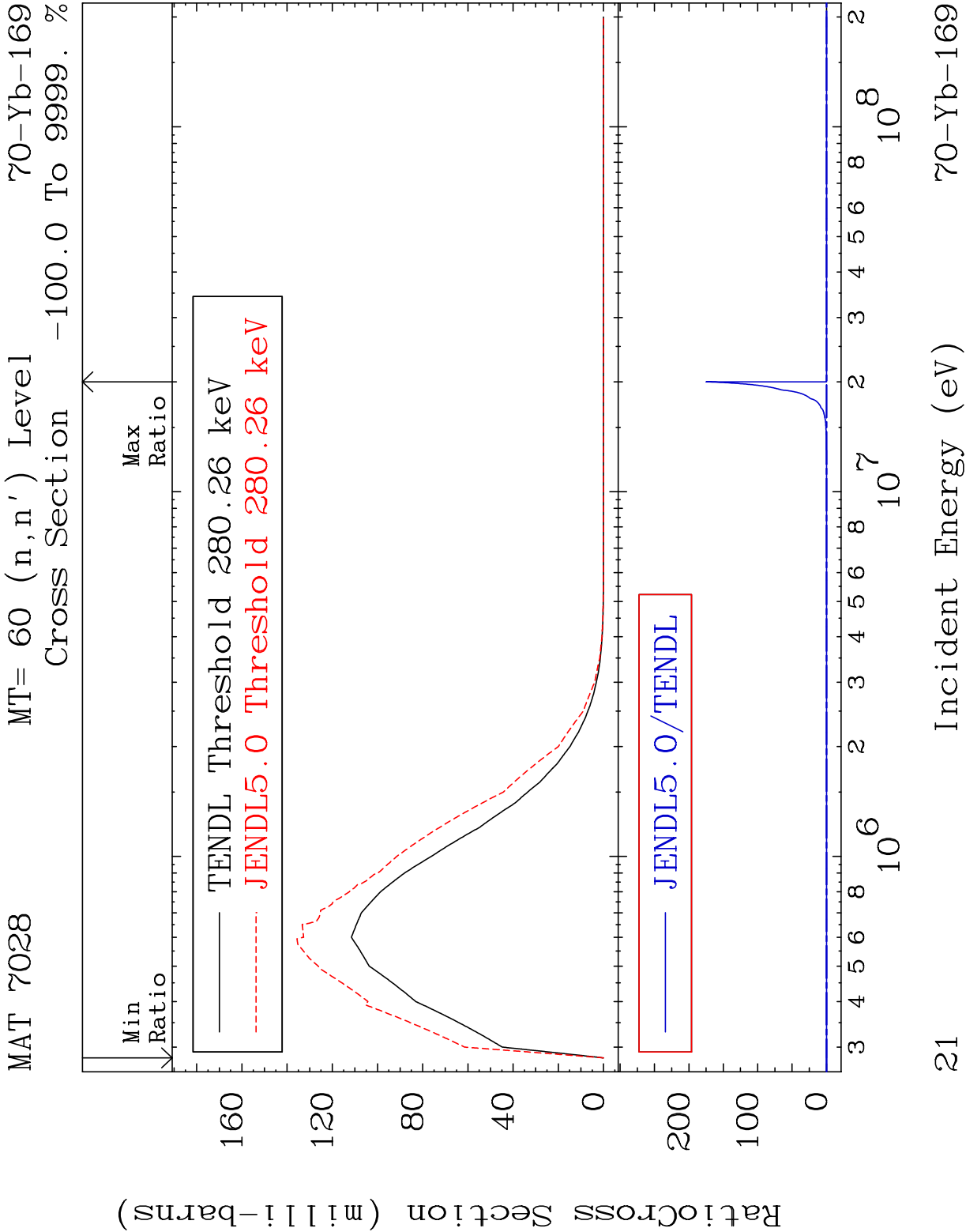


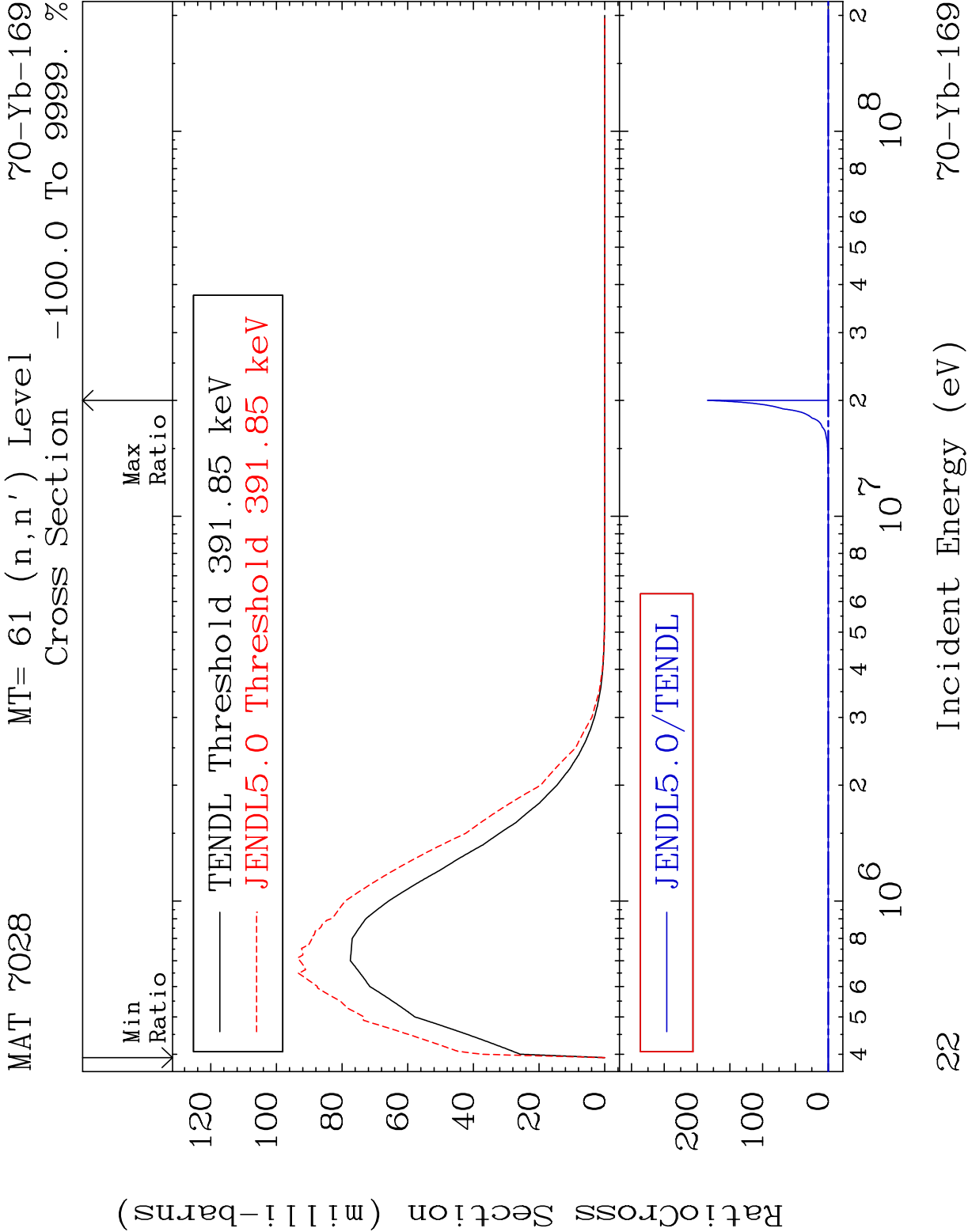


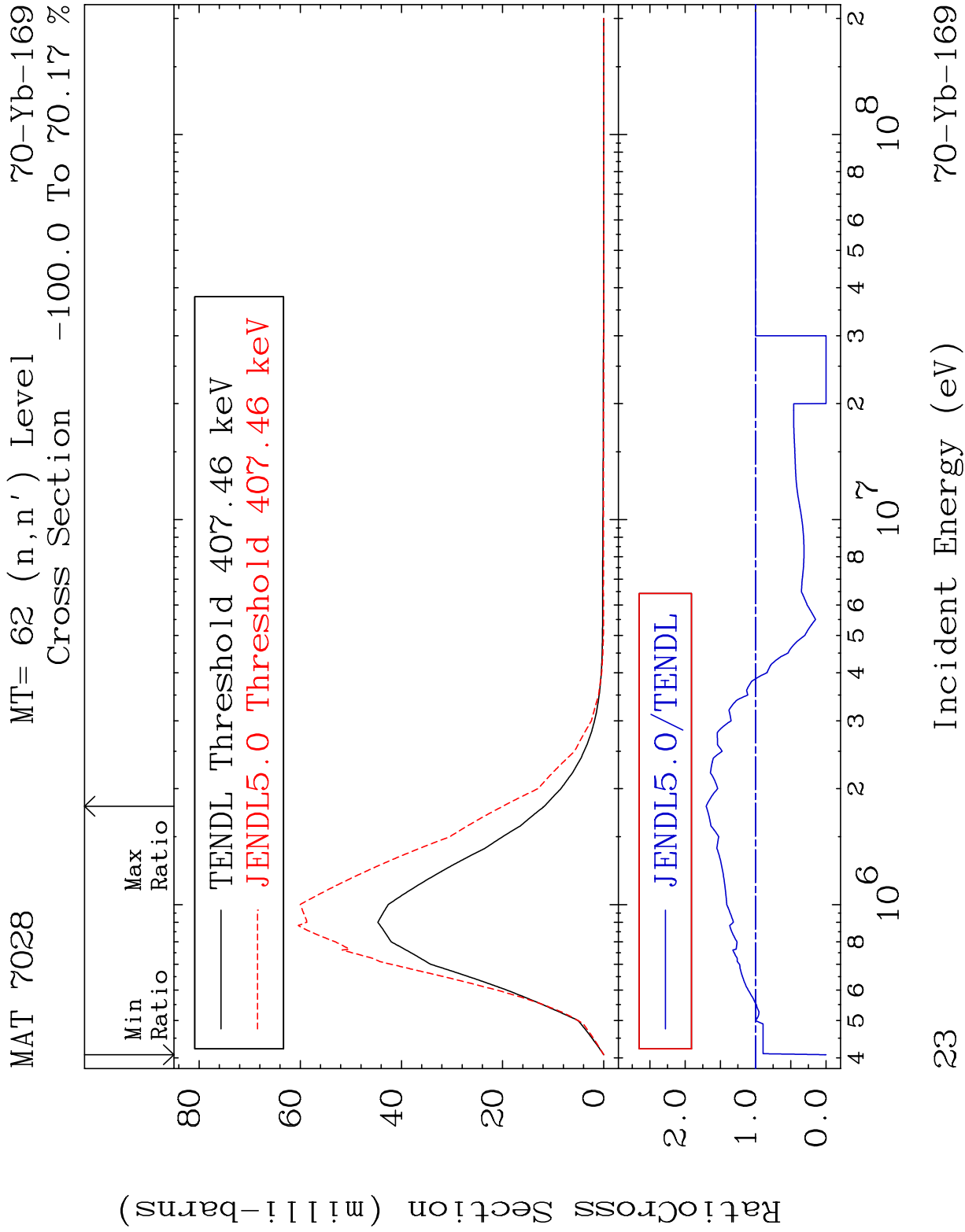


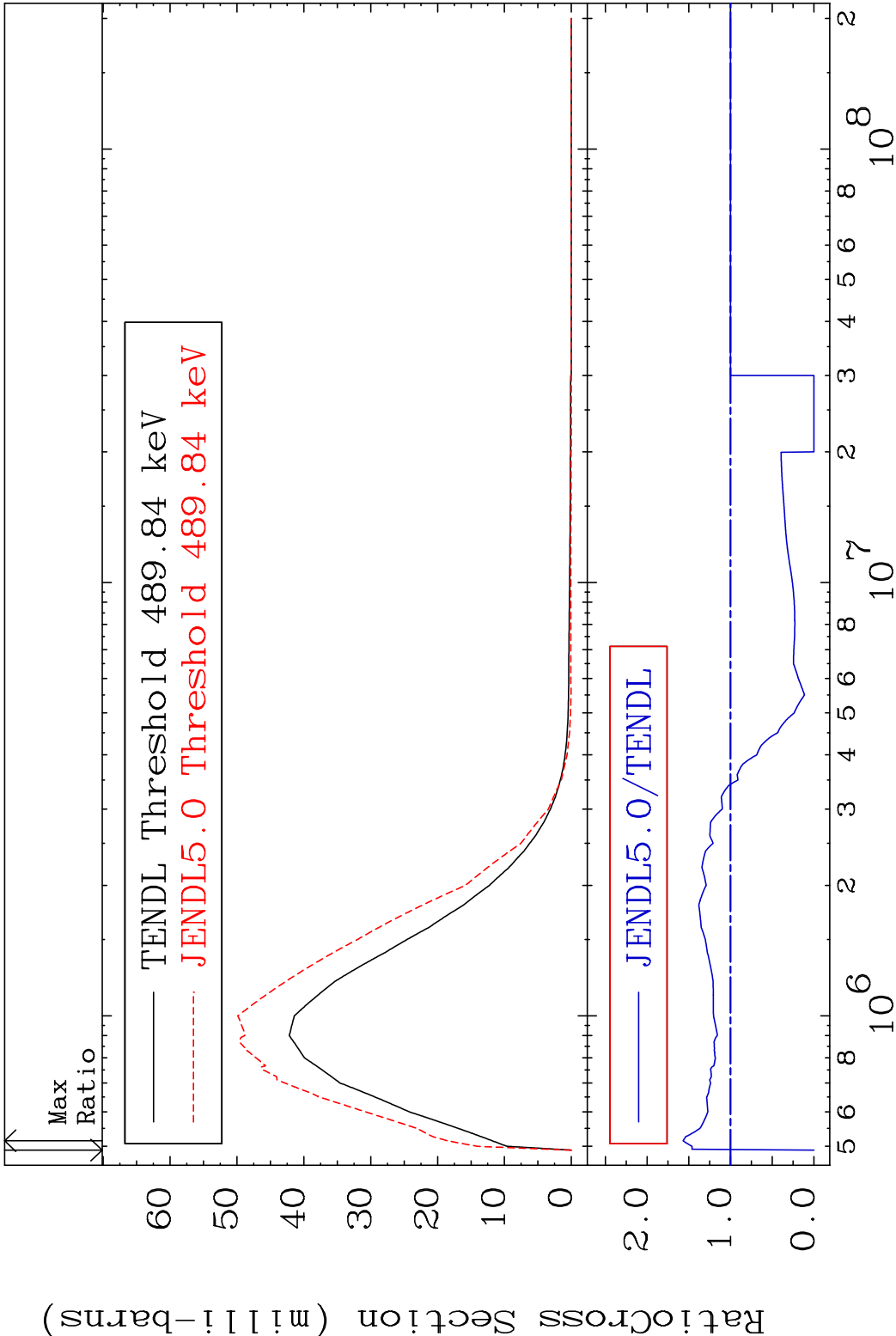
MAT 7028 MT= 59 (n,n') Level 70-Yb-169
 Cross Section -100.0 To 210.8 %



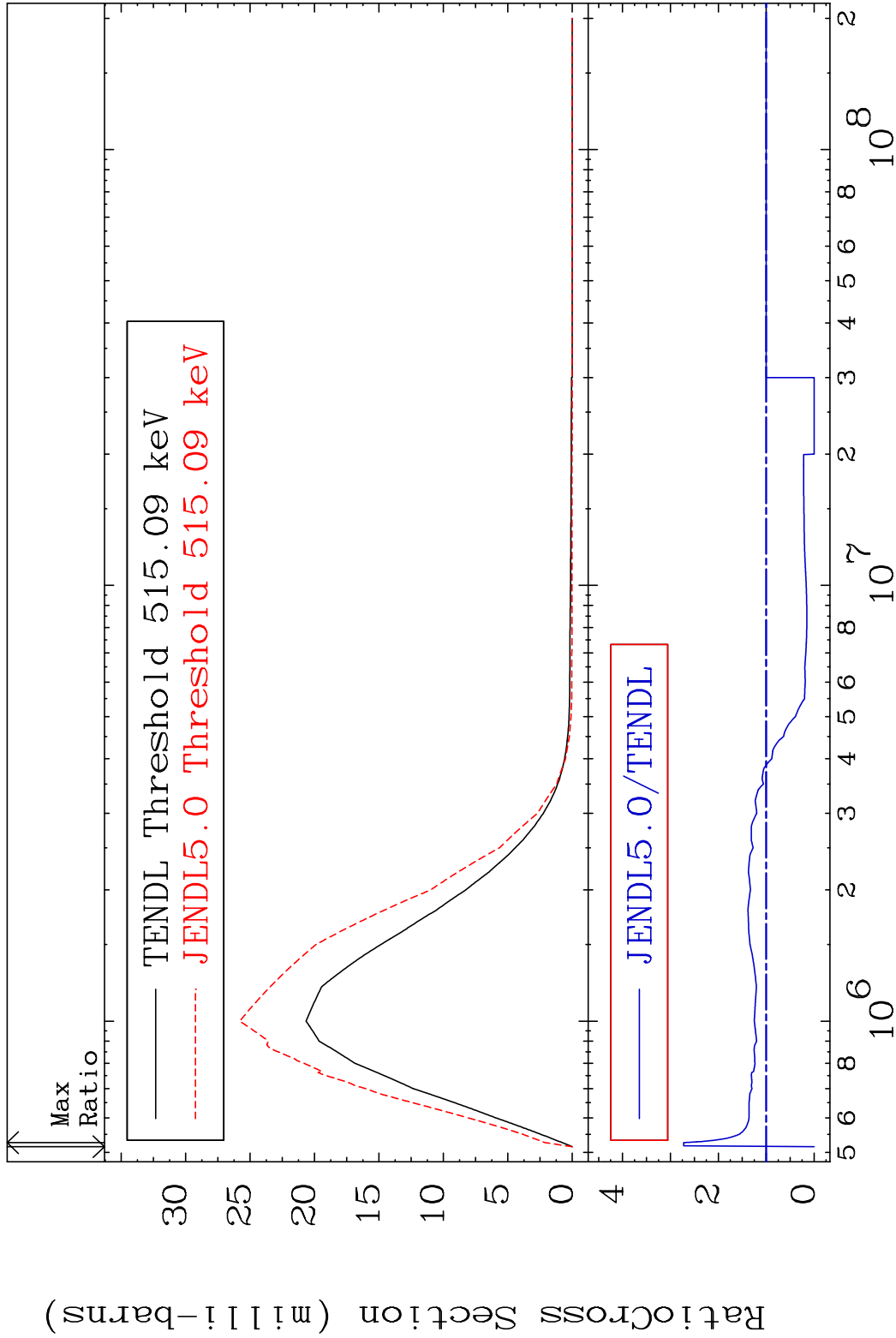


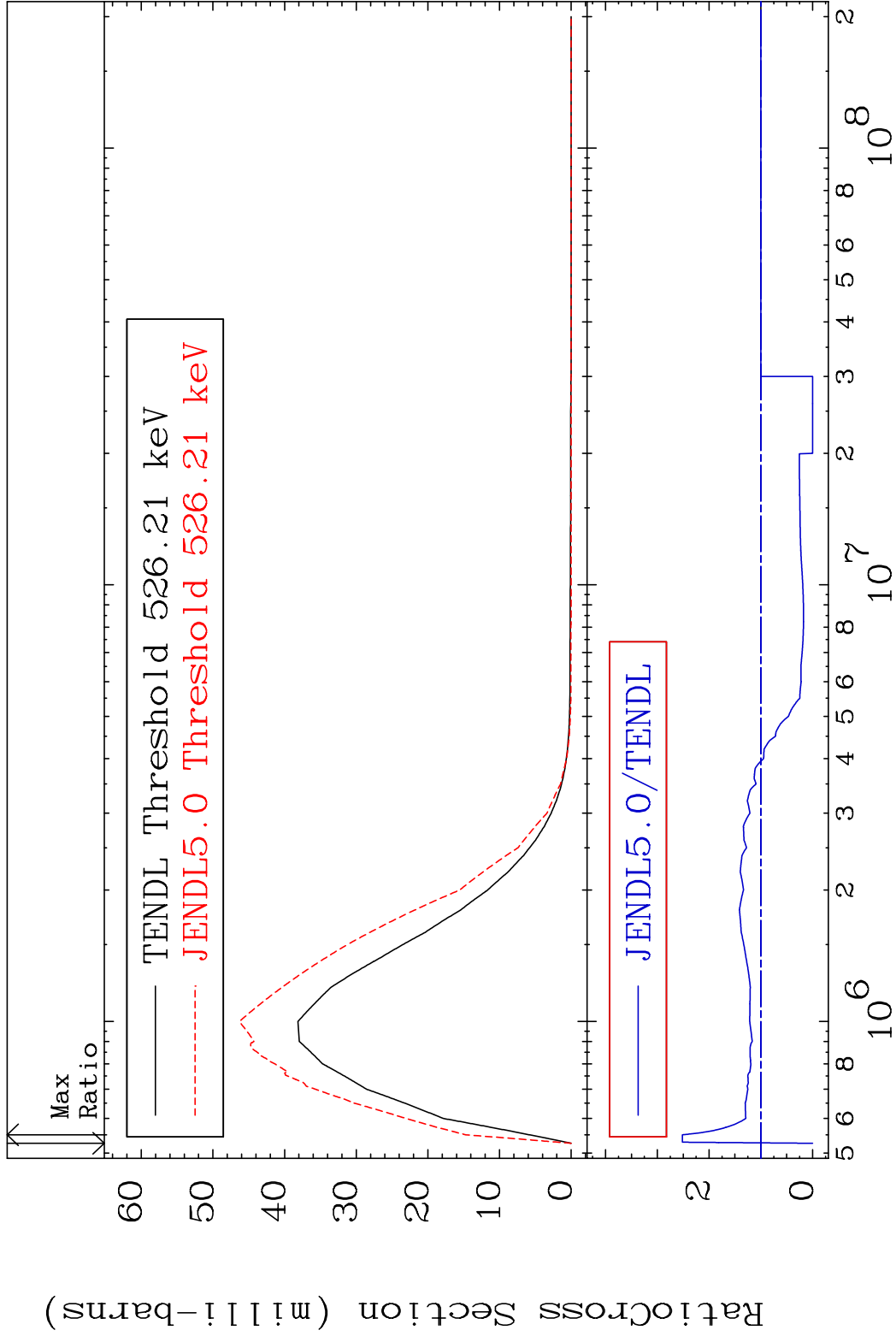




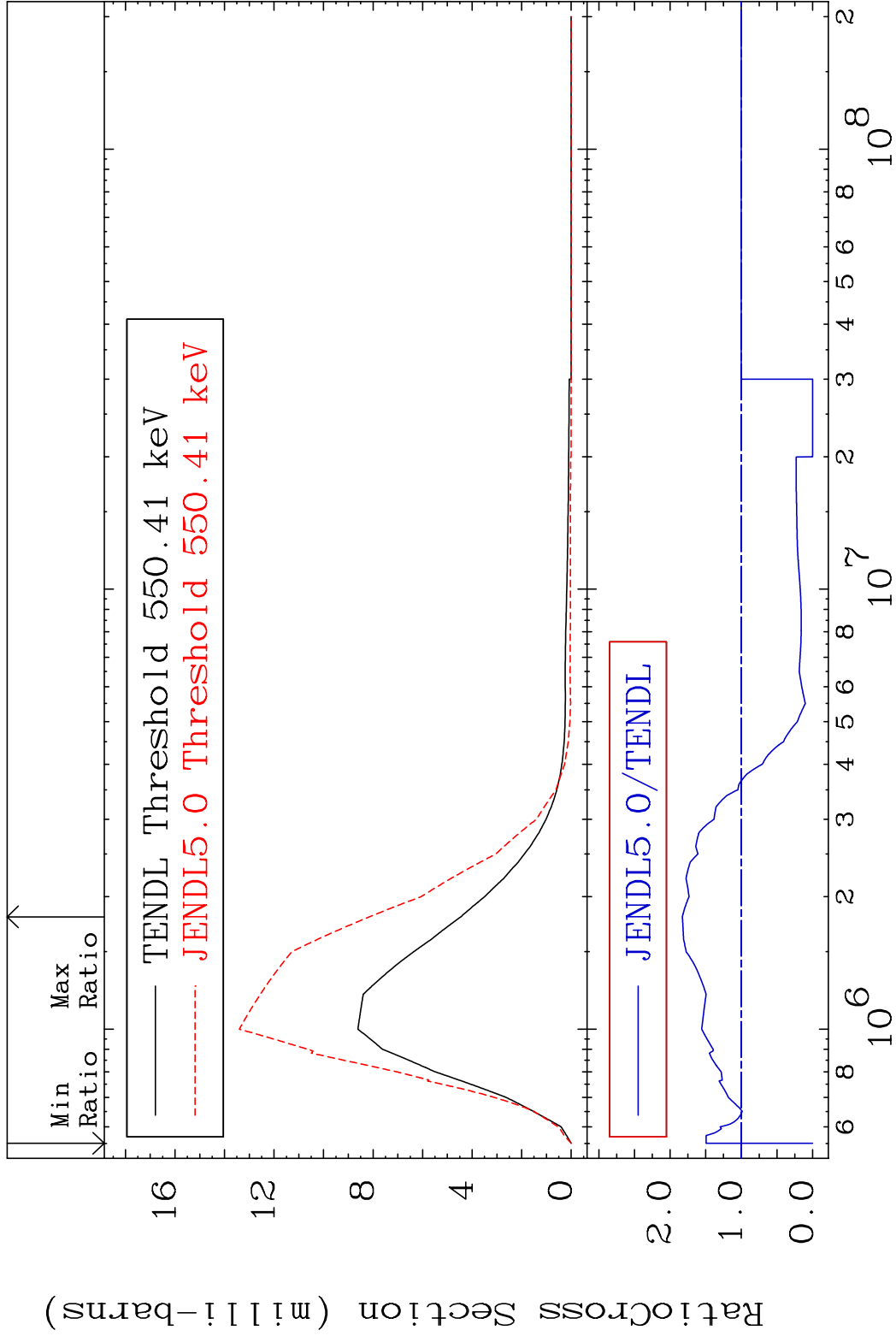


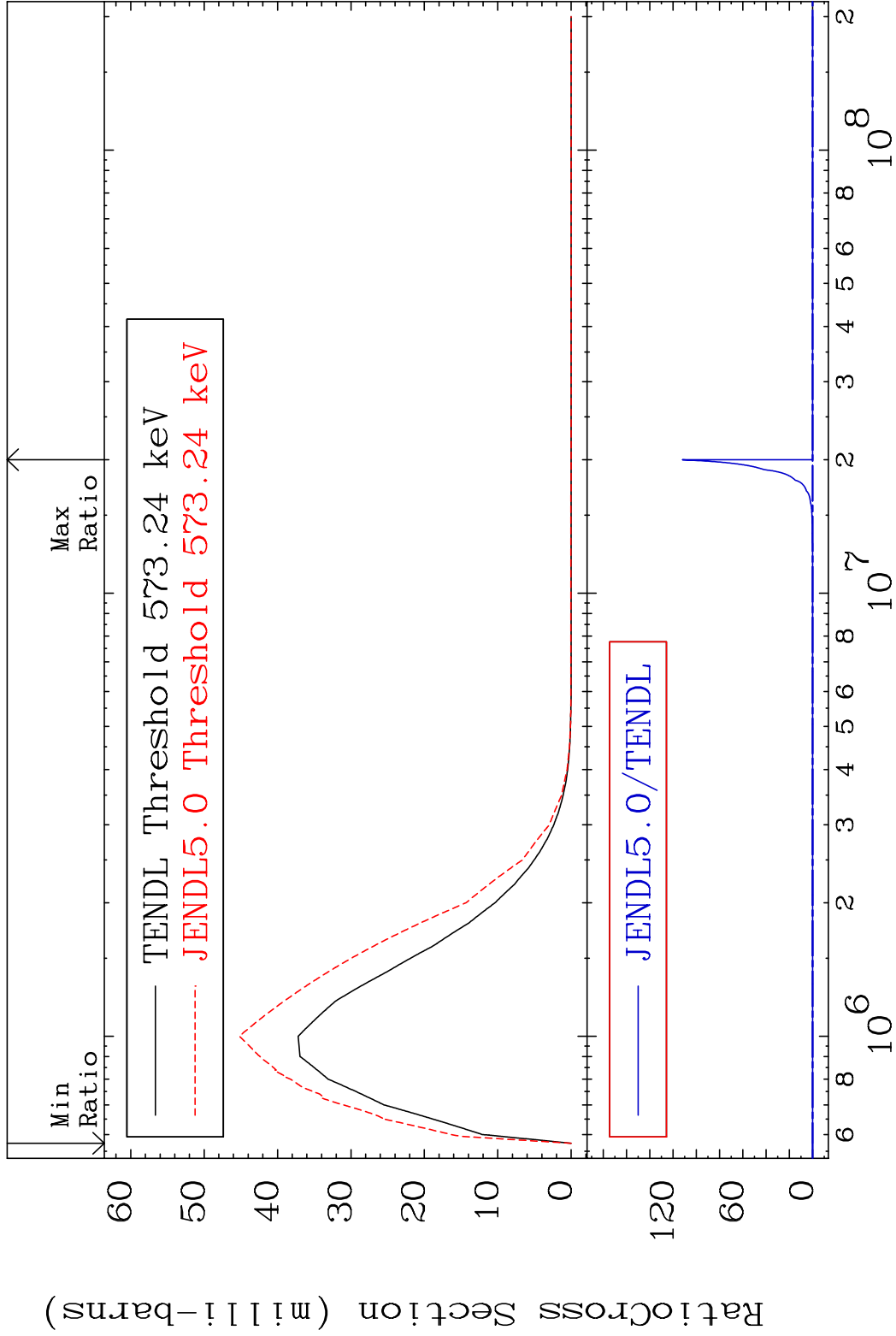
MAT 7028 MT= 64 (n,n') Level 70-Yb-169
Cross Section -100.0 To 172.4 %



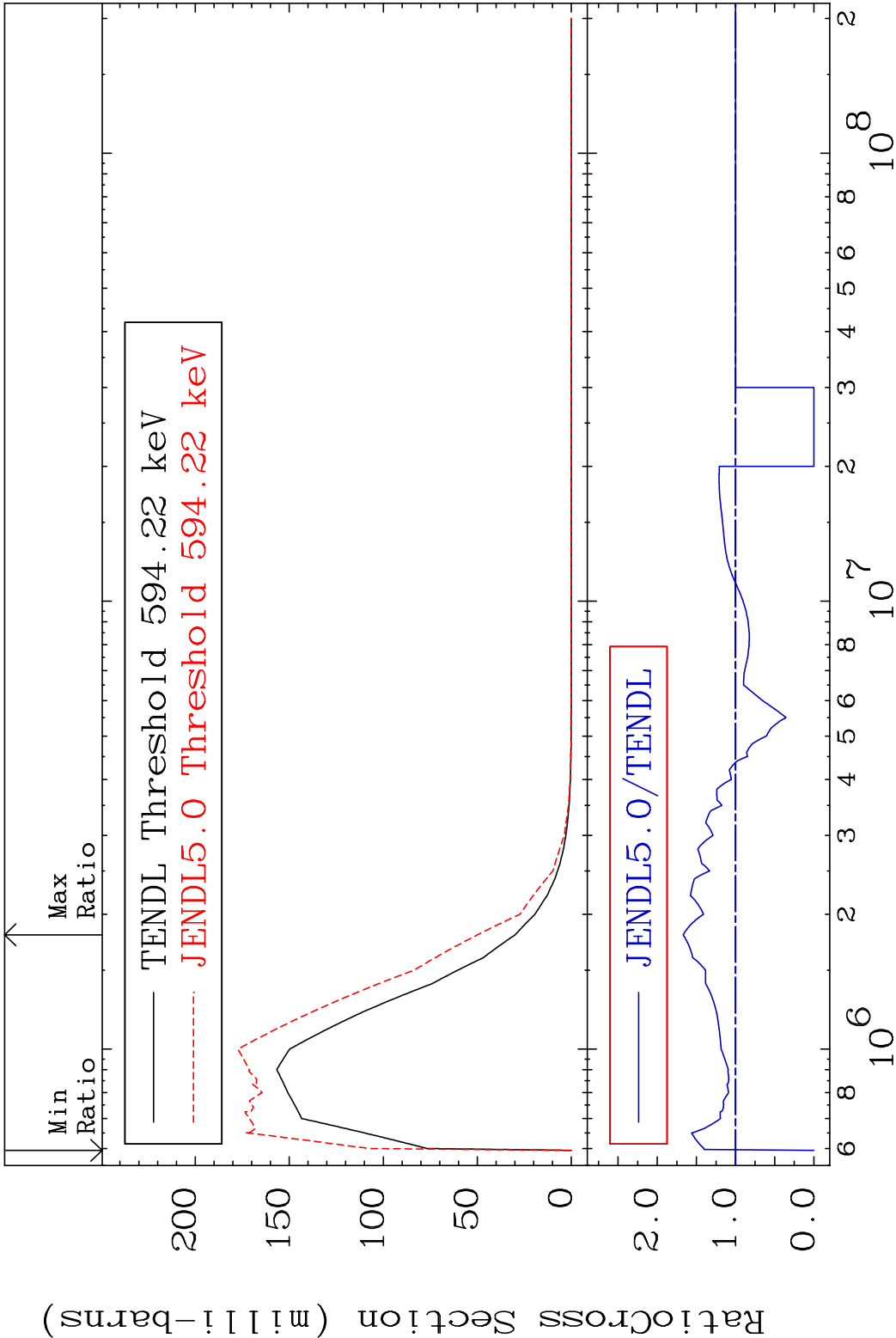


MAT 7028 MT= 66 (n,n') Level 70-Yb-169
Cross Section -100.0 To 82.81 %

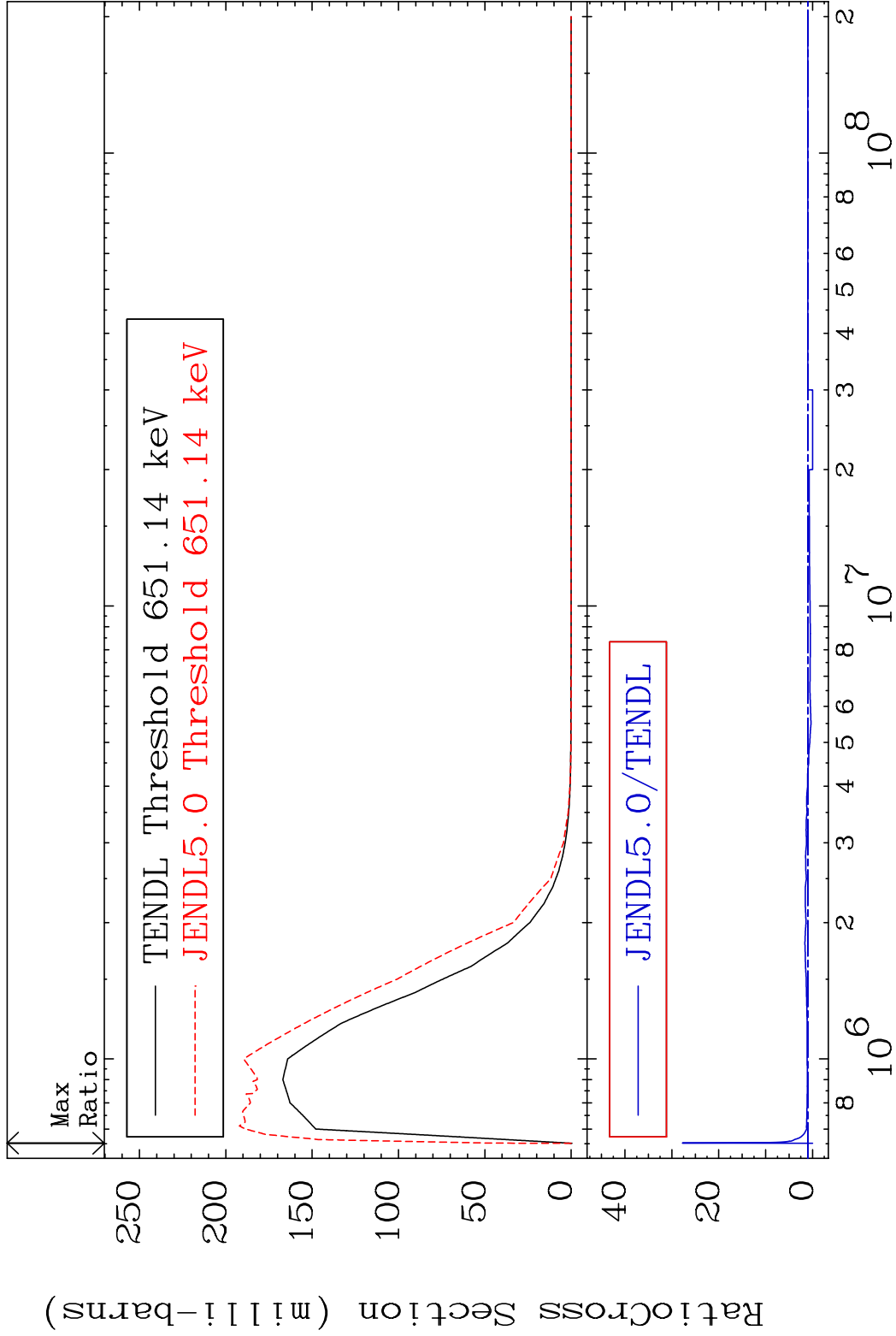




MAT 7028 MT= 68 (n,n') Level 70-Yb-169
Cross Section -100.0 To 67.03 %

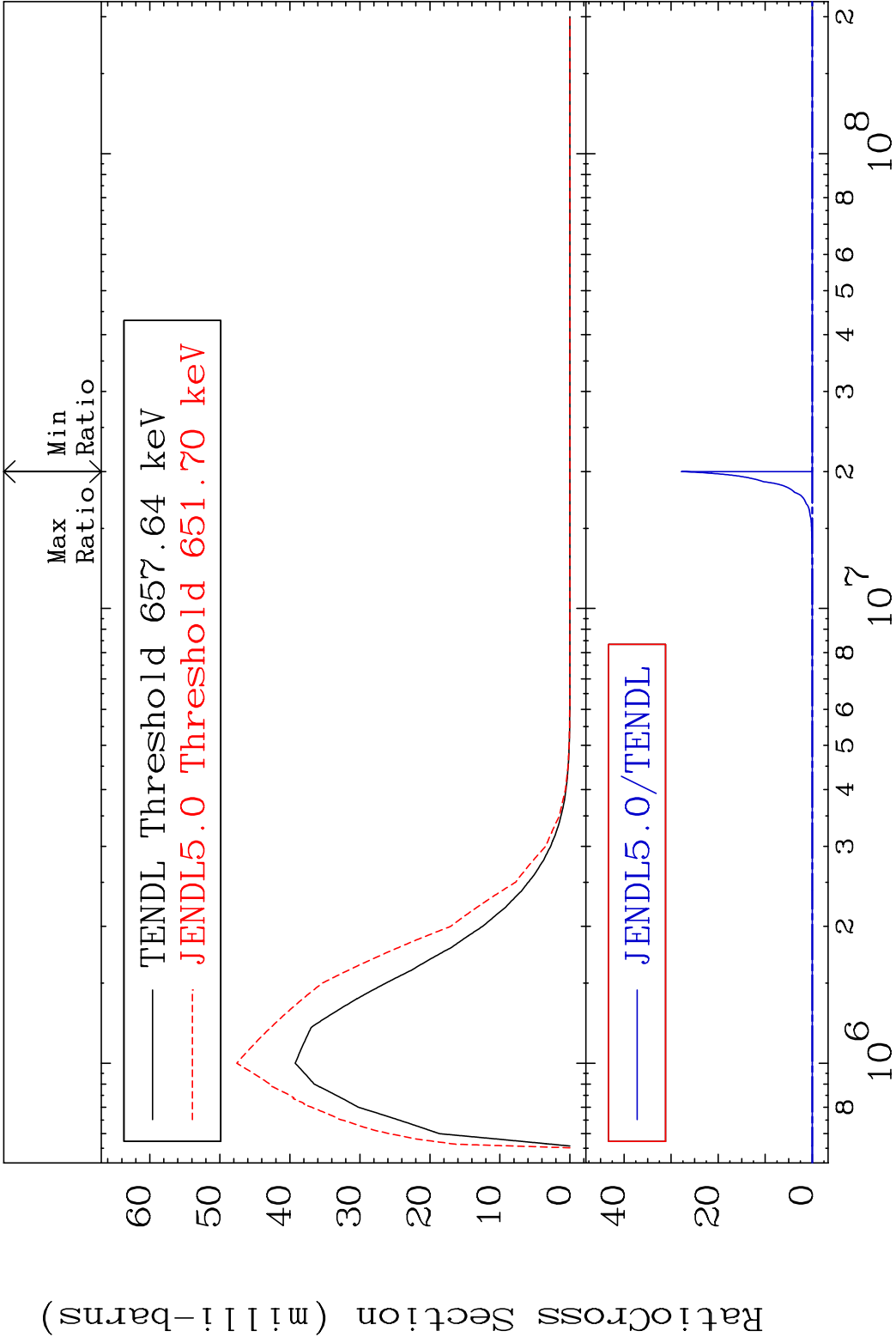


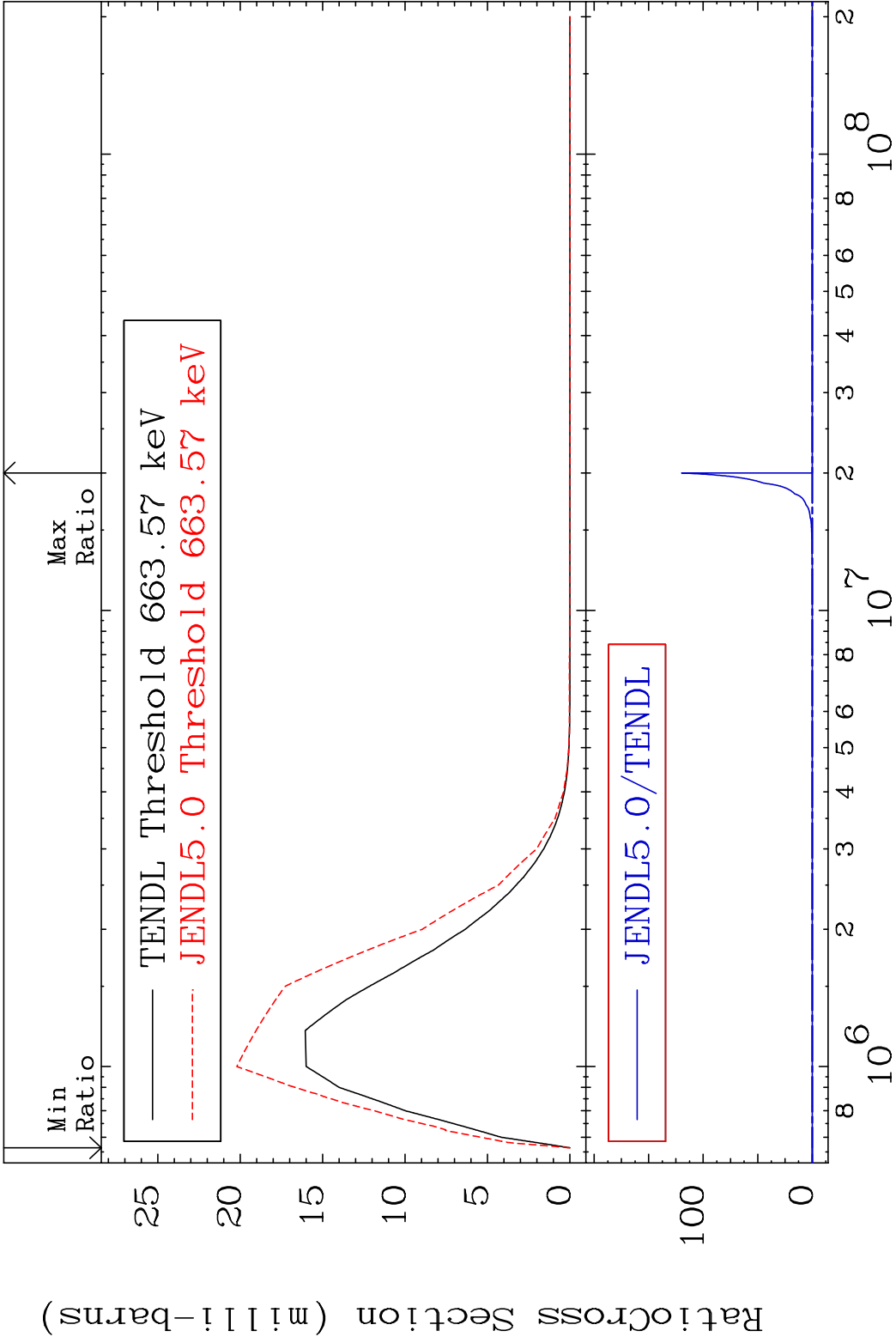
MAT 7028 MT= 69 (n,n') Level 70-Yb-169
Cross Section -100.0 To 2676. %



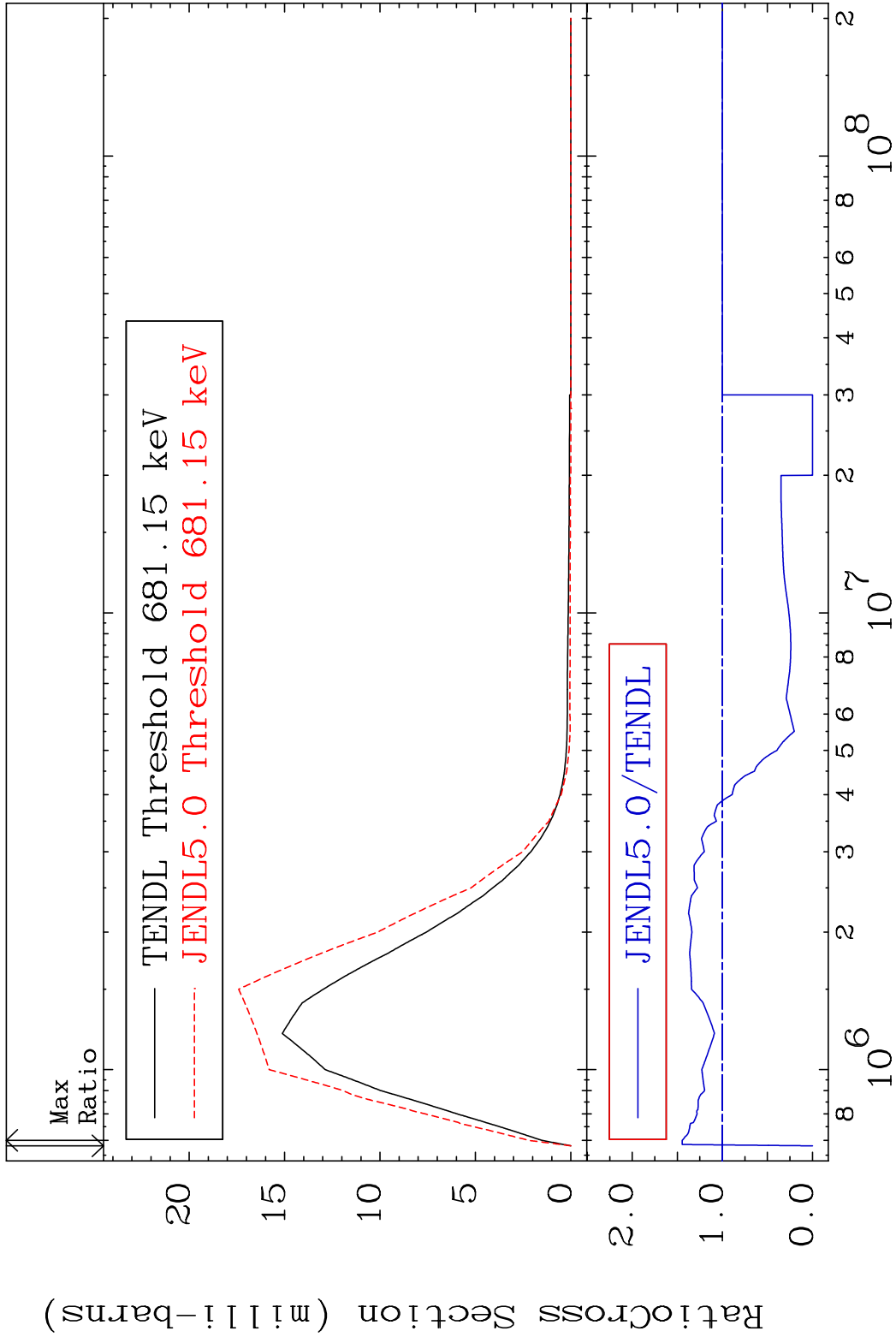
30 Incident Energy (eV) 70-Yb-169

MAT 7028 MT= 70 (n,n') Level 70-Yb-169
 Cross Section -100.0 To 9999. %

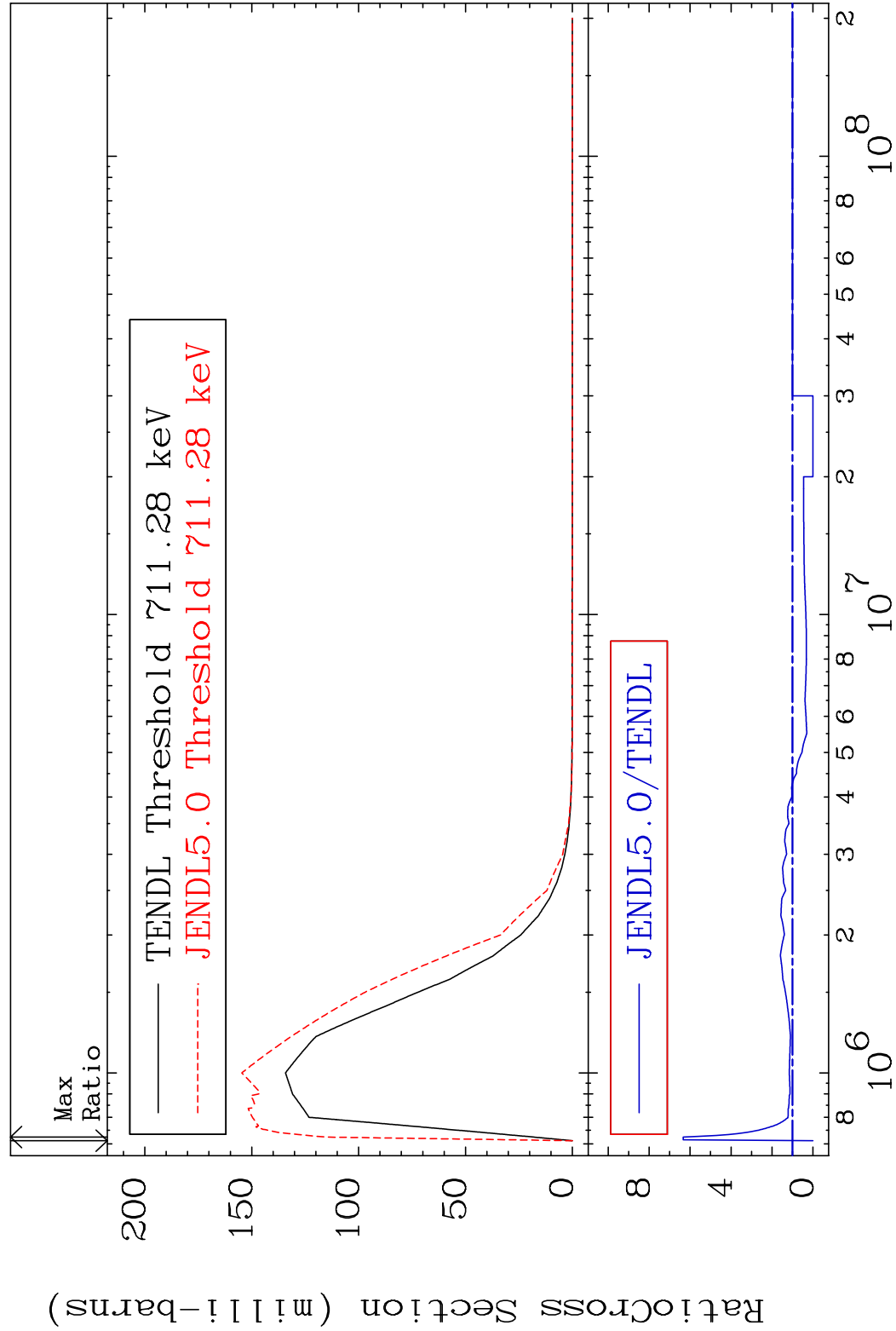




MAT 7028 MT= 72 (n,n') Level 70-Yb-169
Cross Section -100.0 To 44.63 %

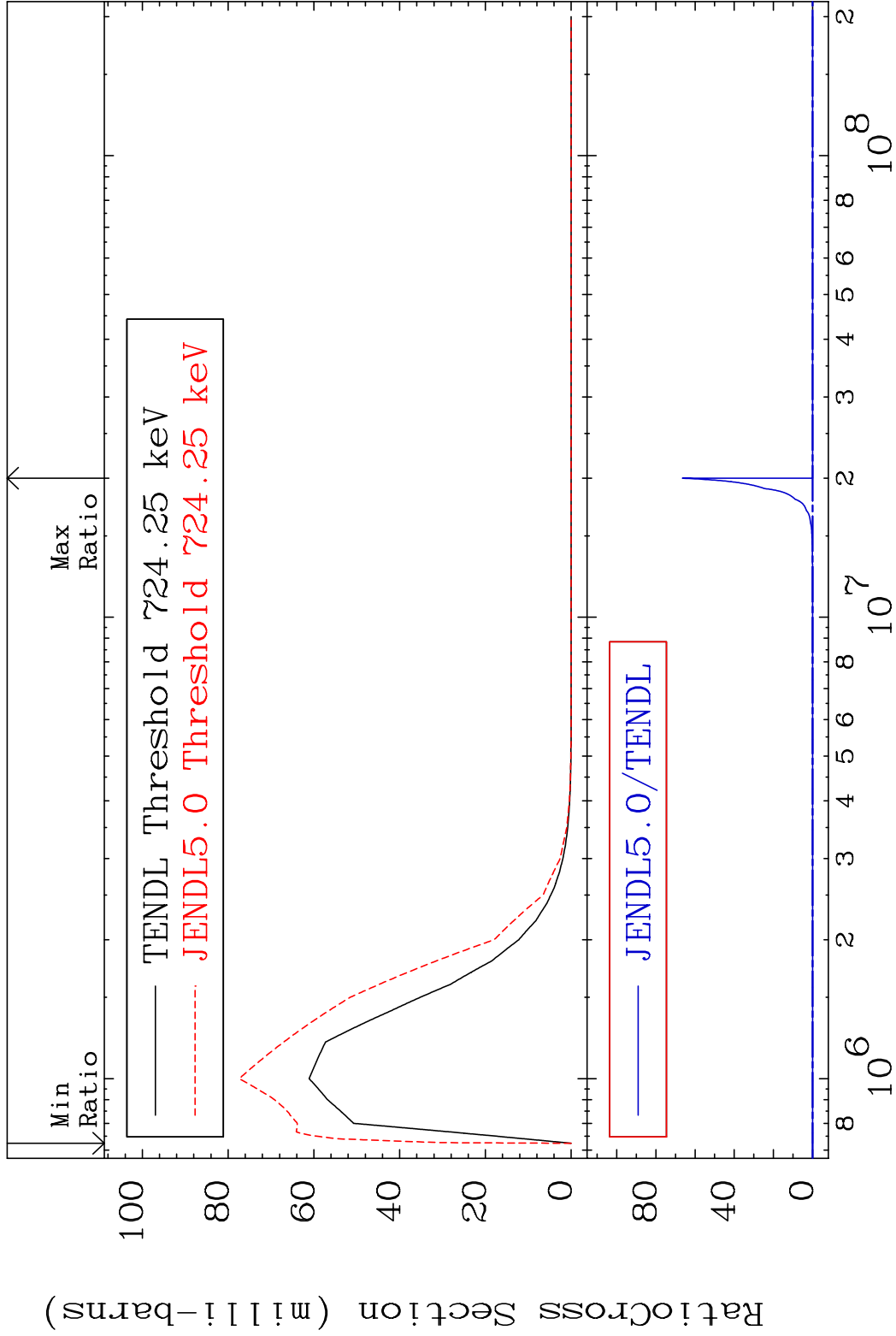


MAT 7028 MT= 73 (n,n') Level 70-Yb-169
 Cross Section -100.0 To 534.0 %



MAT 7028 MT= 74 (n,n') Level 70-Yb-169

Cross Section -100.0 To 9999. %



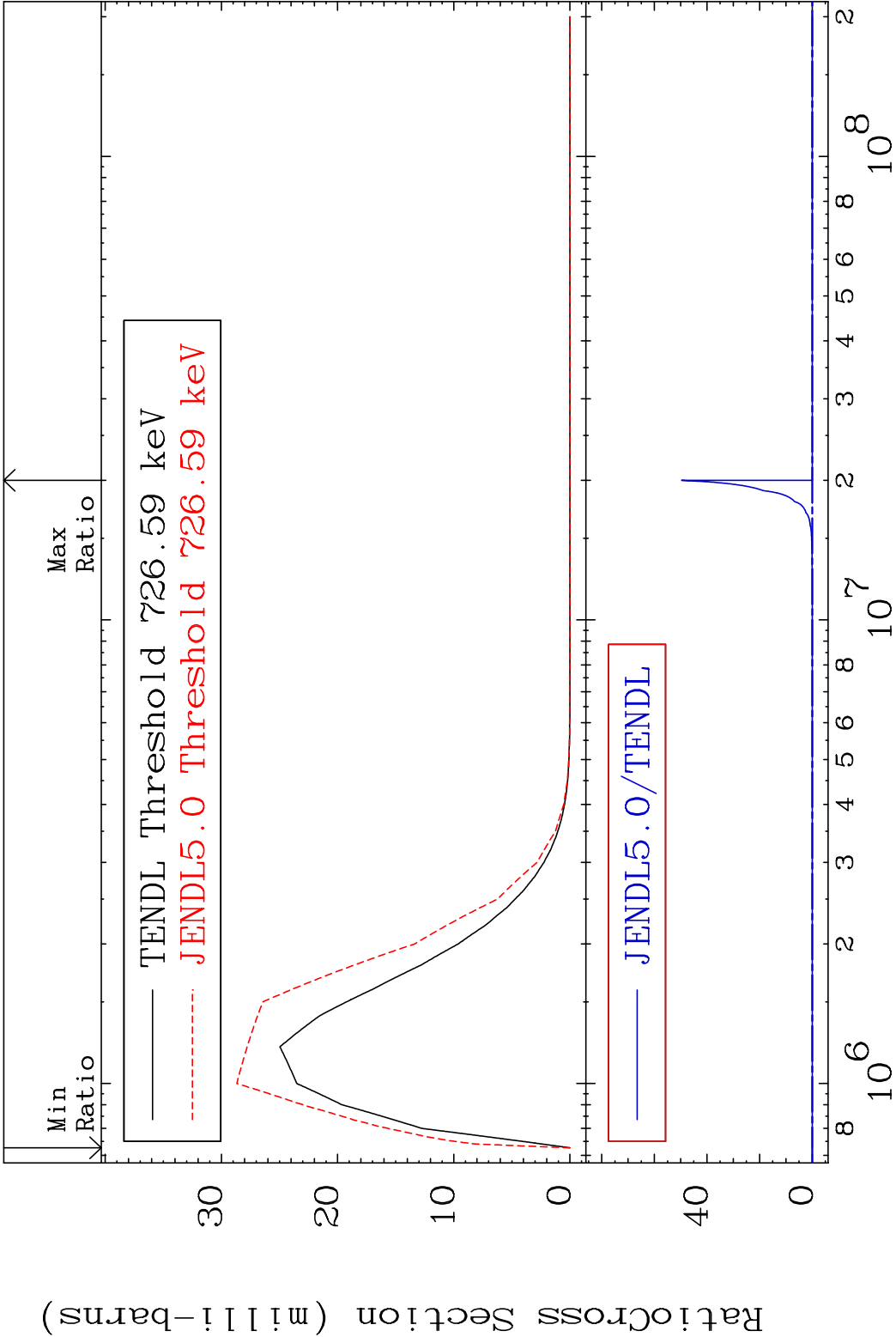
MAT 7028

MT= 75 (n,n') Level

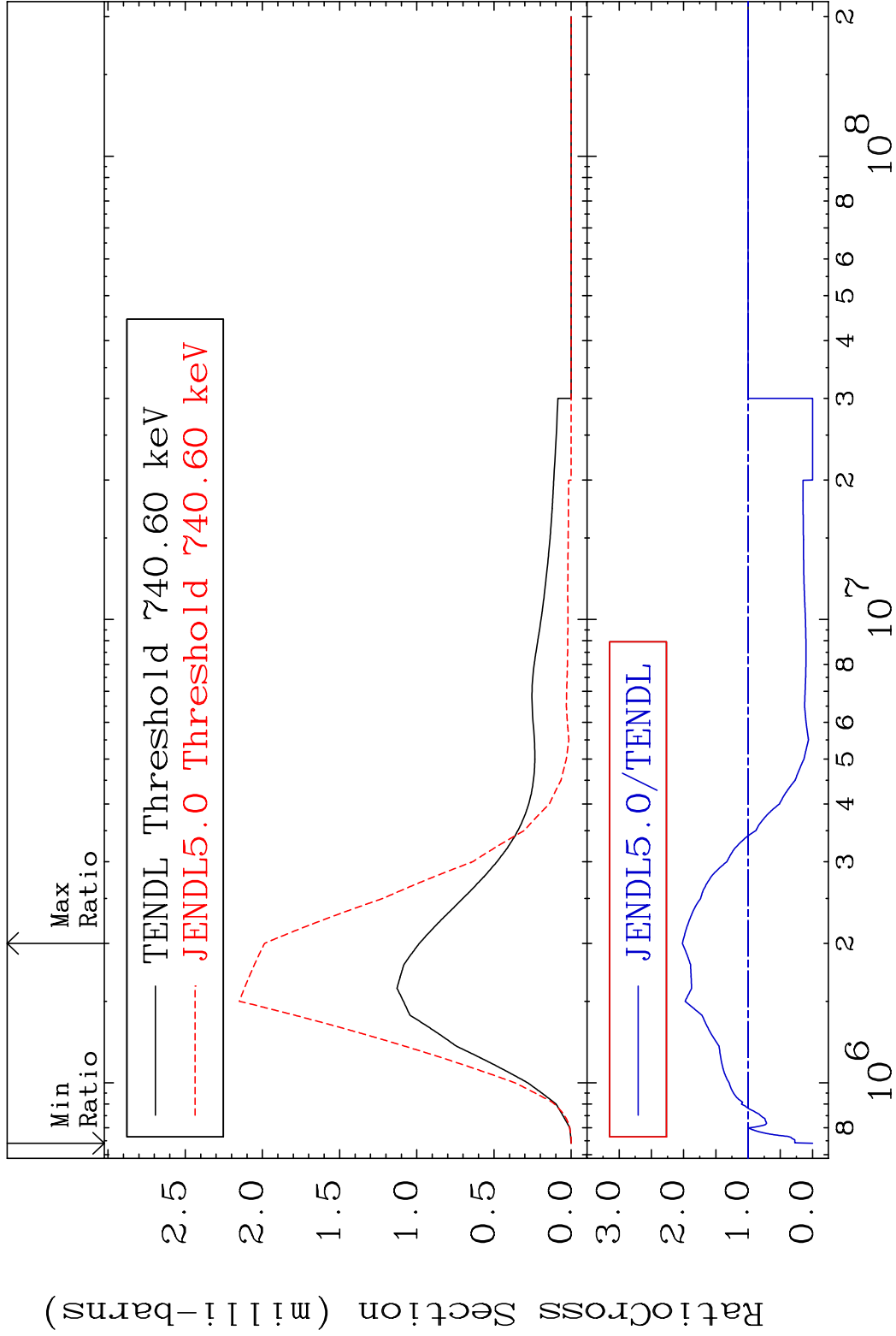
70-Yb-169

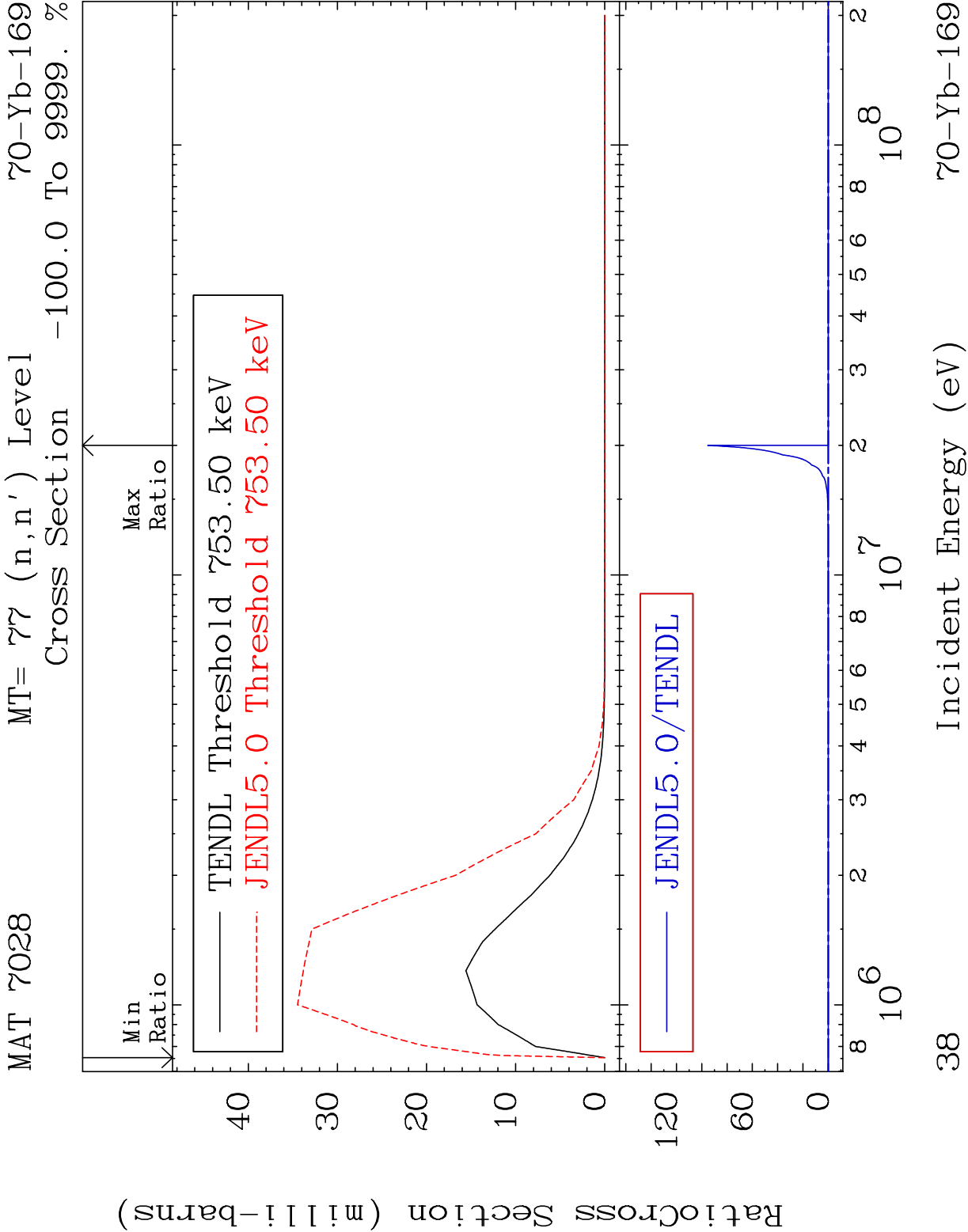
Cross Section

-100.0 To 9999. %

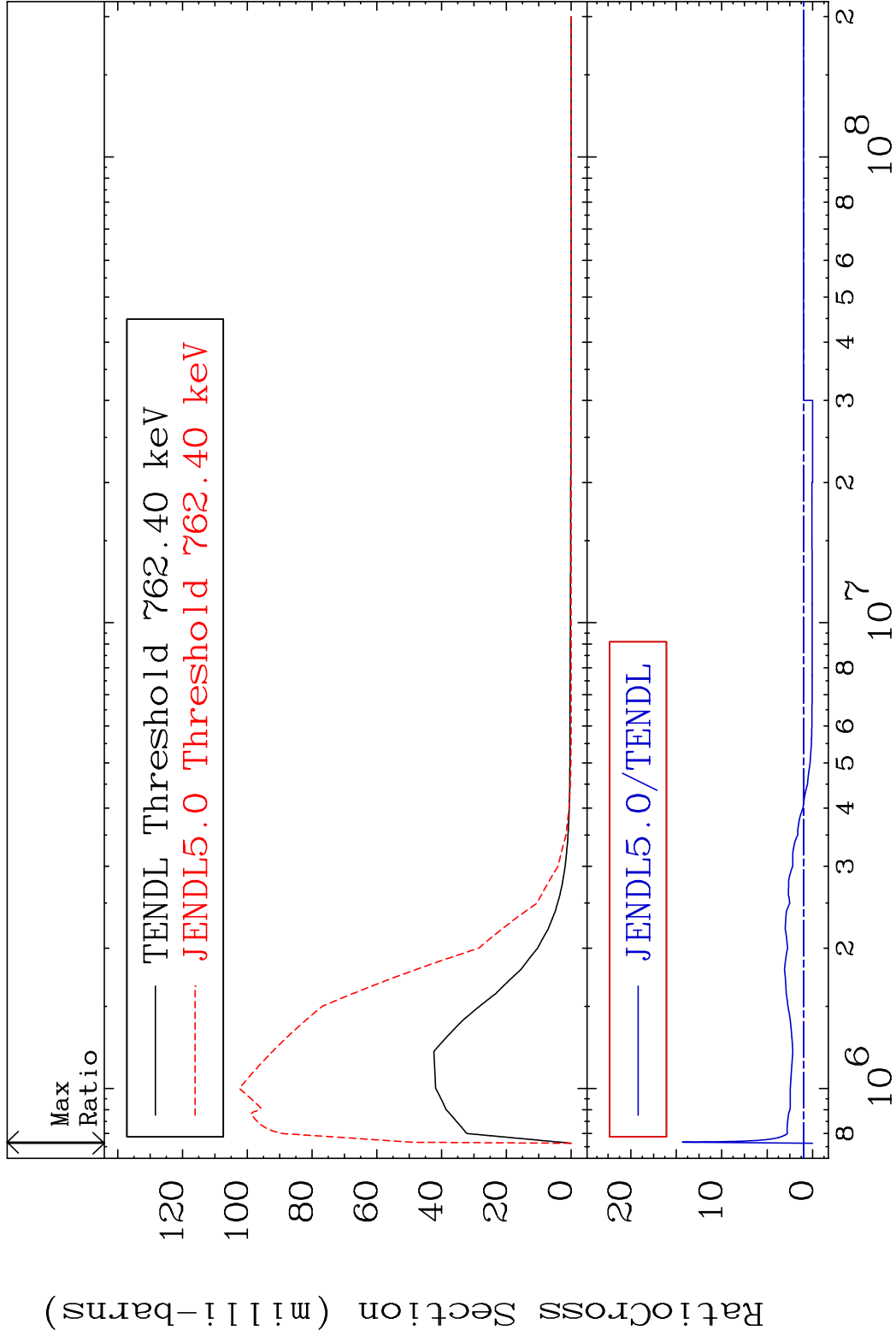


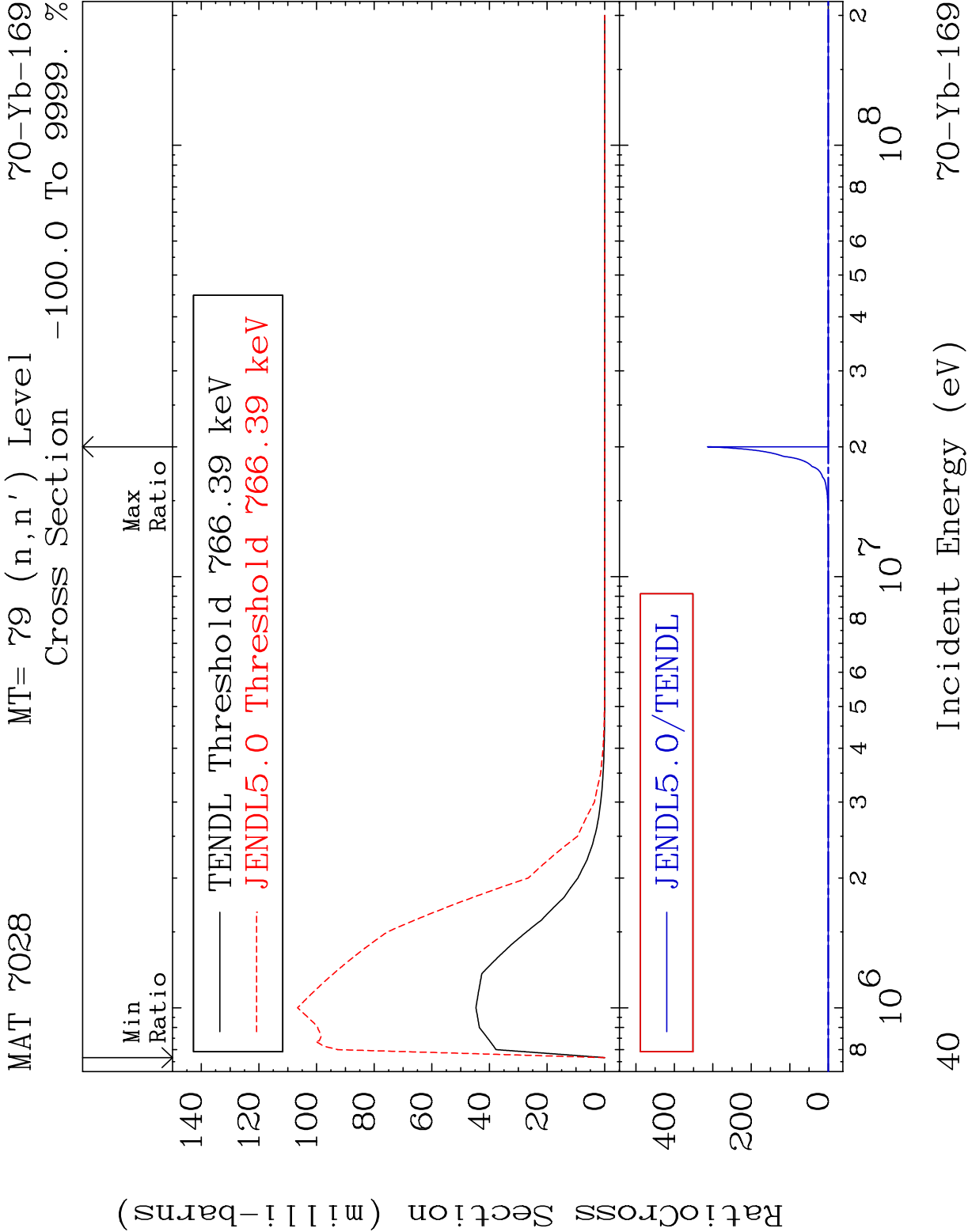
MAT 7028 MT= 76 (n,n') Level 70-Yb-169
Cross Section -100.0 To 102.0 %

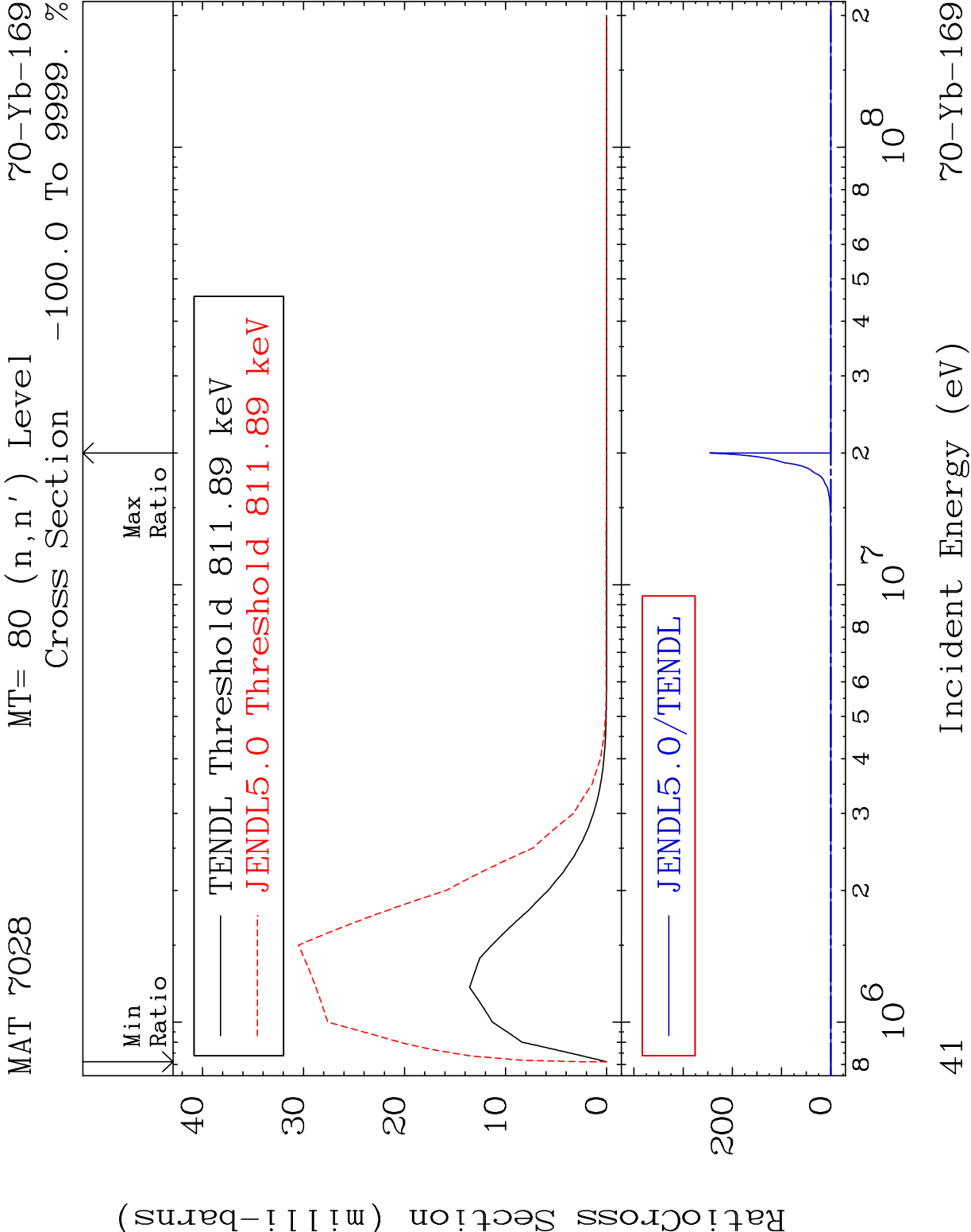


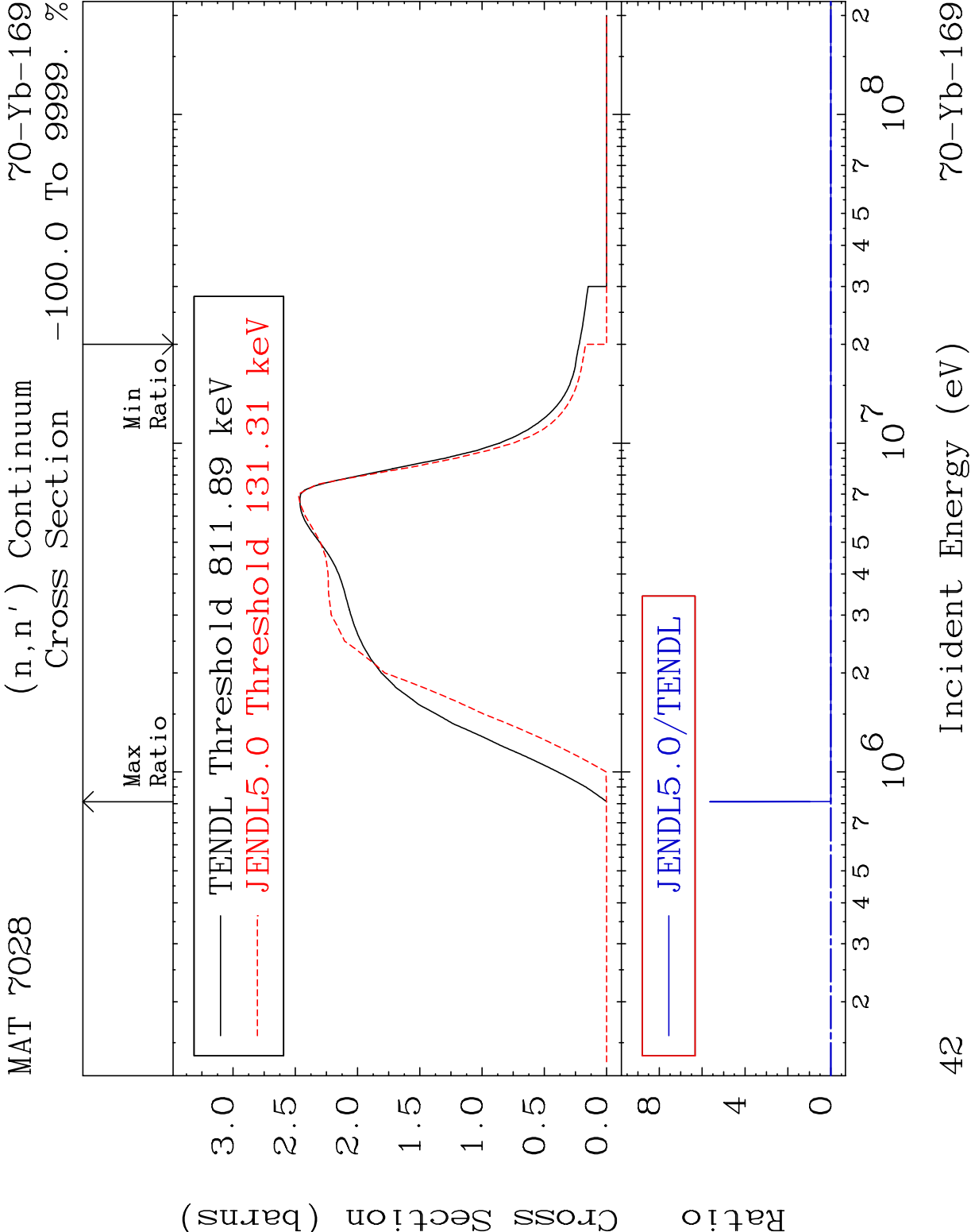


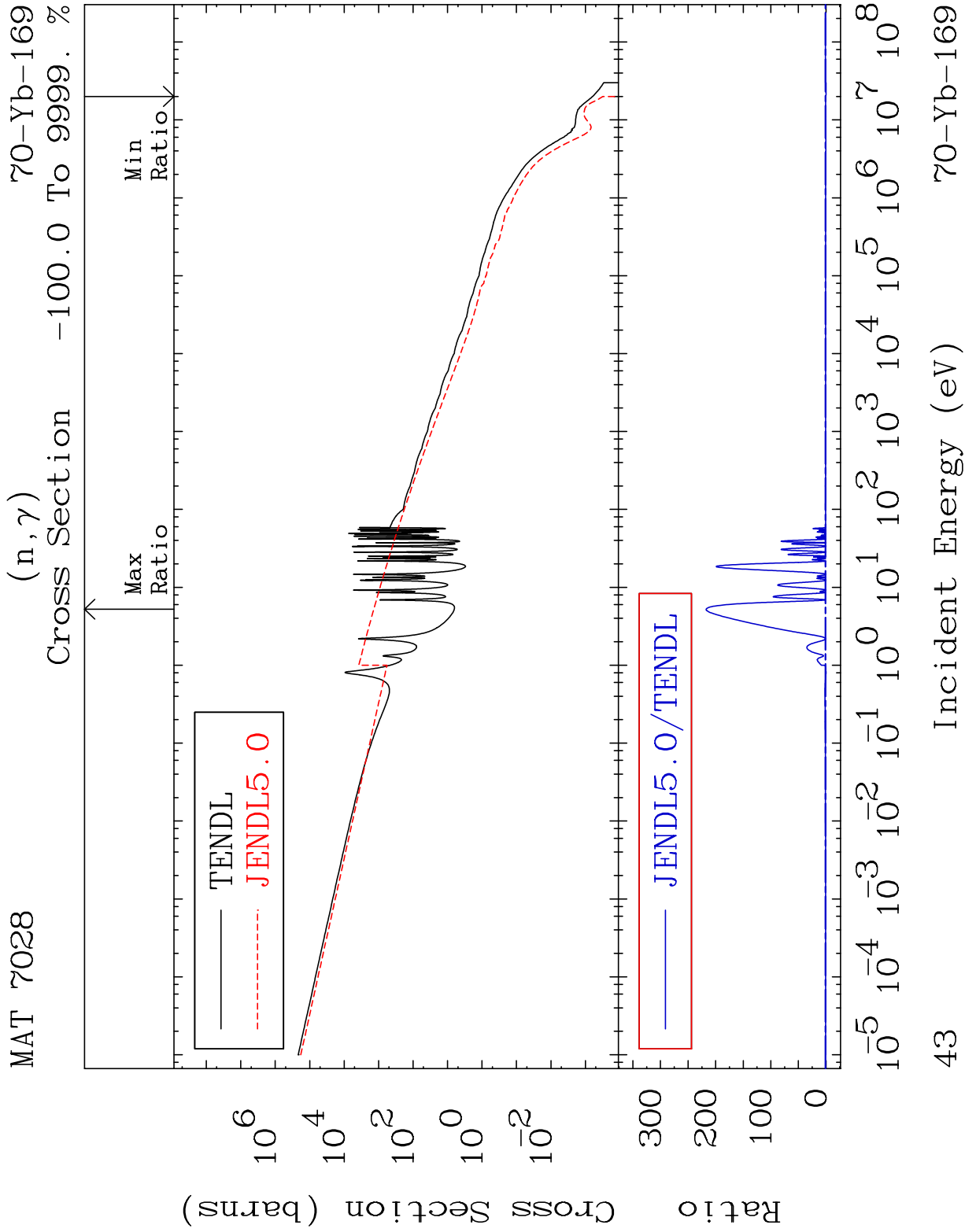
MAT 7028 MT= 78 (n,n') Level 70-Yb-169
Cross Section -100.0 To 1333. %

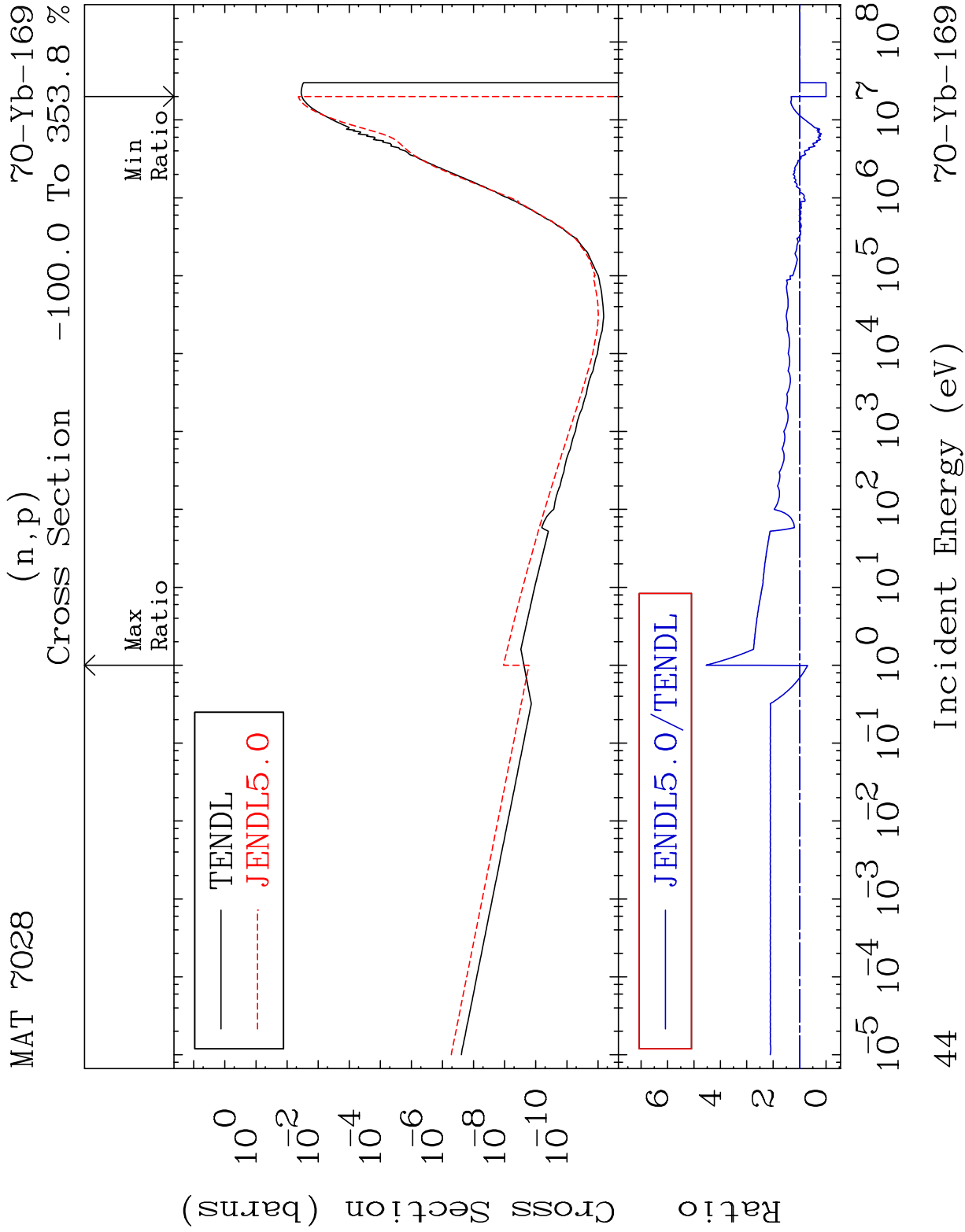


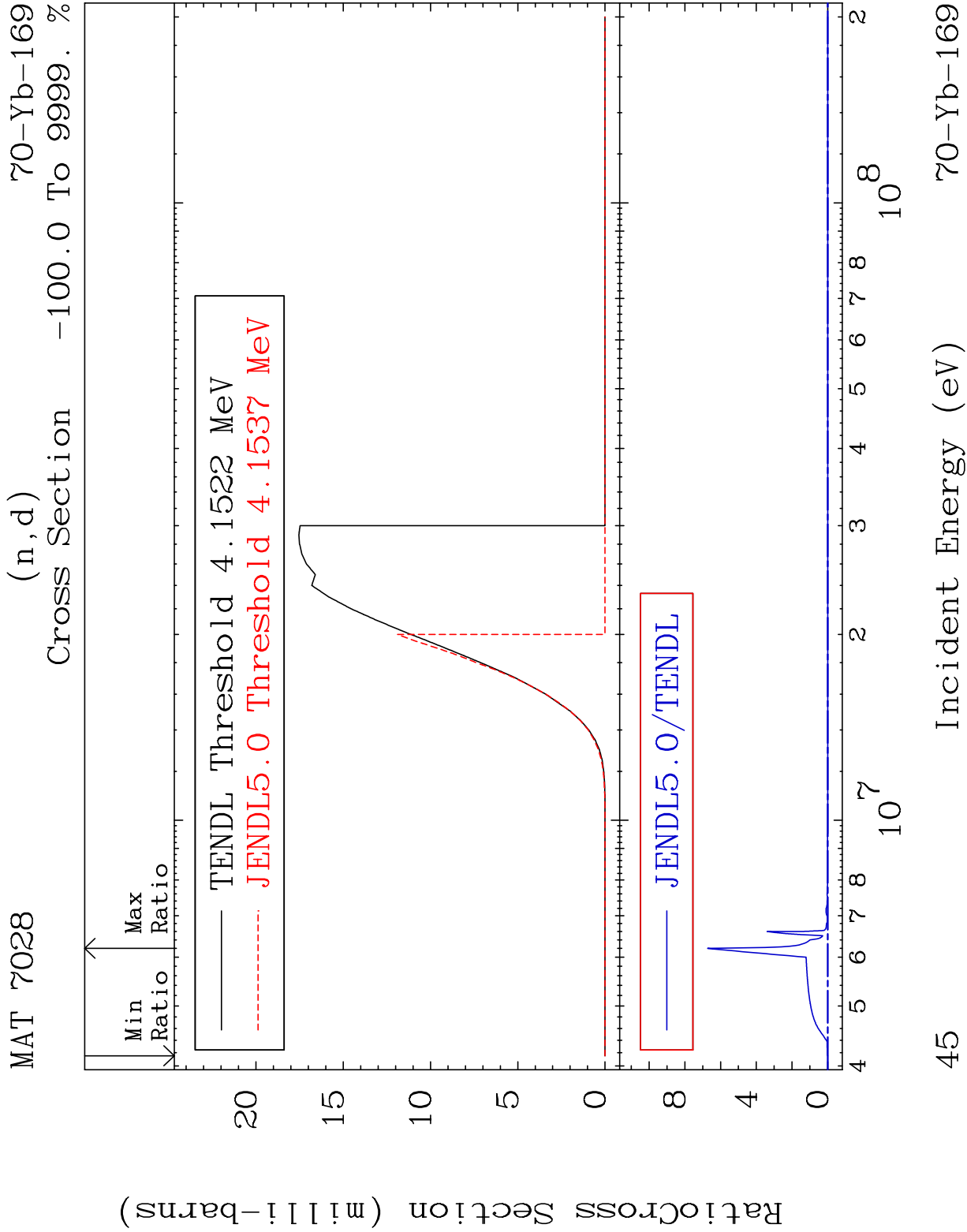


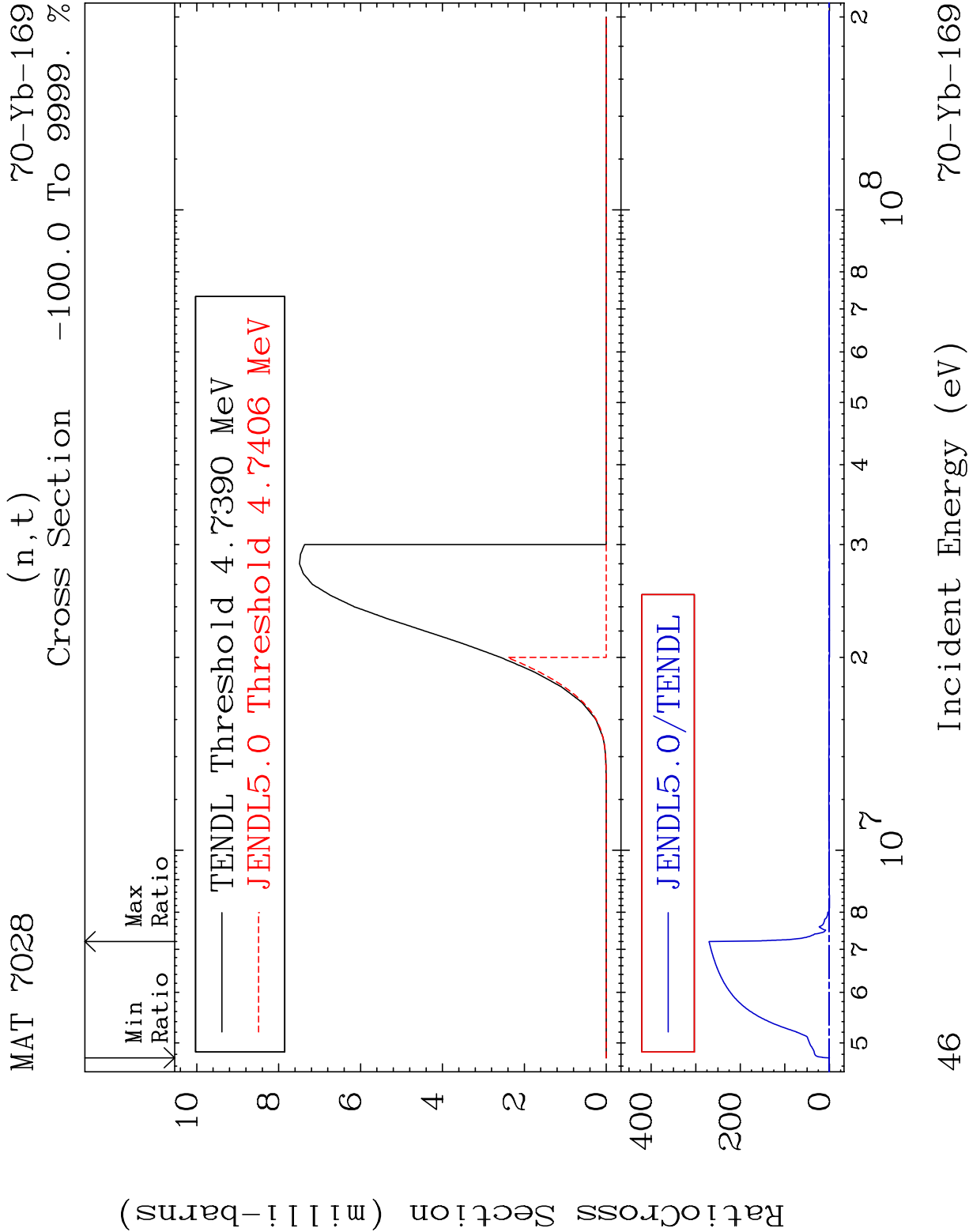


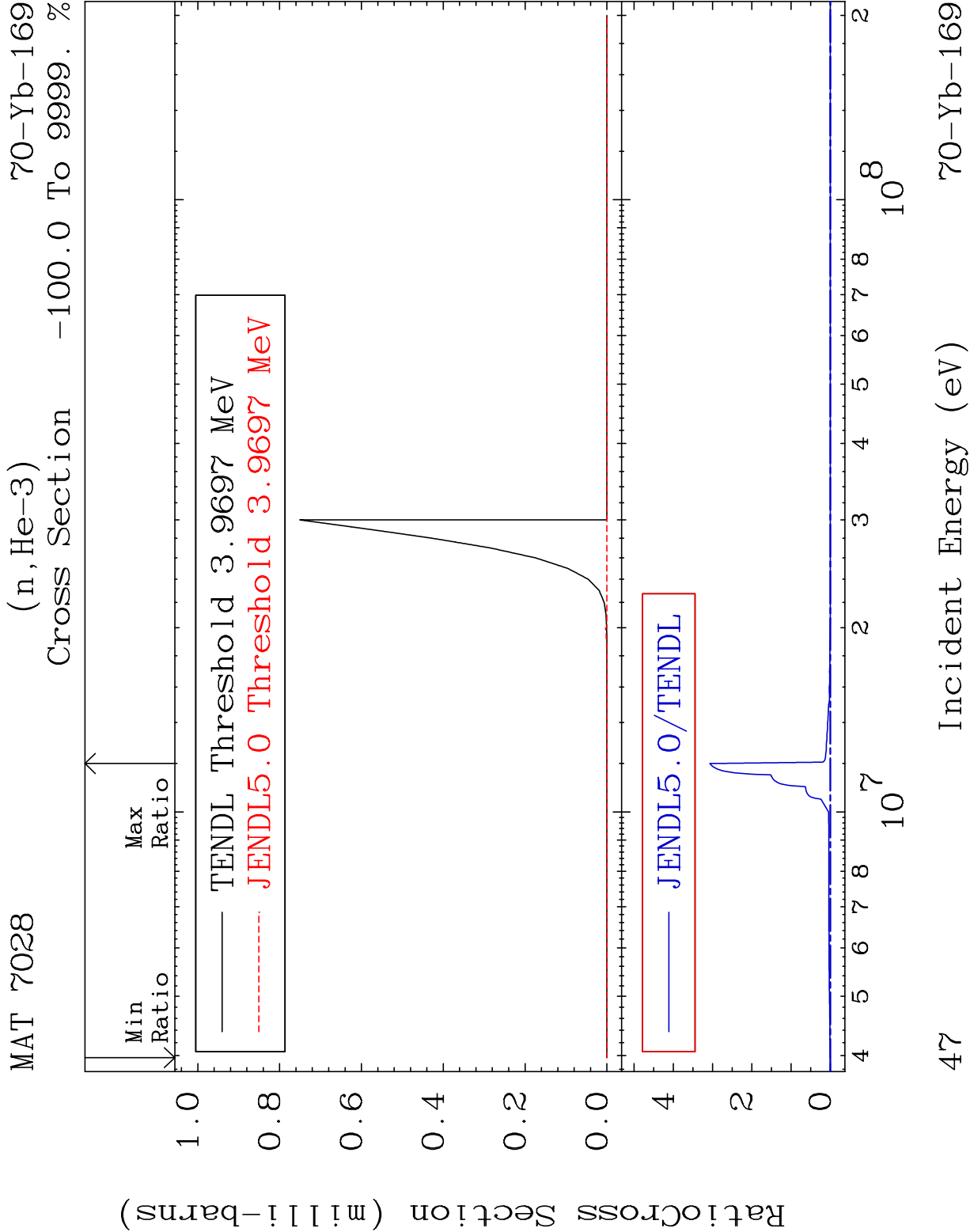


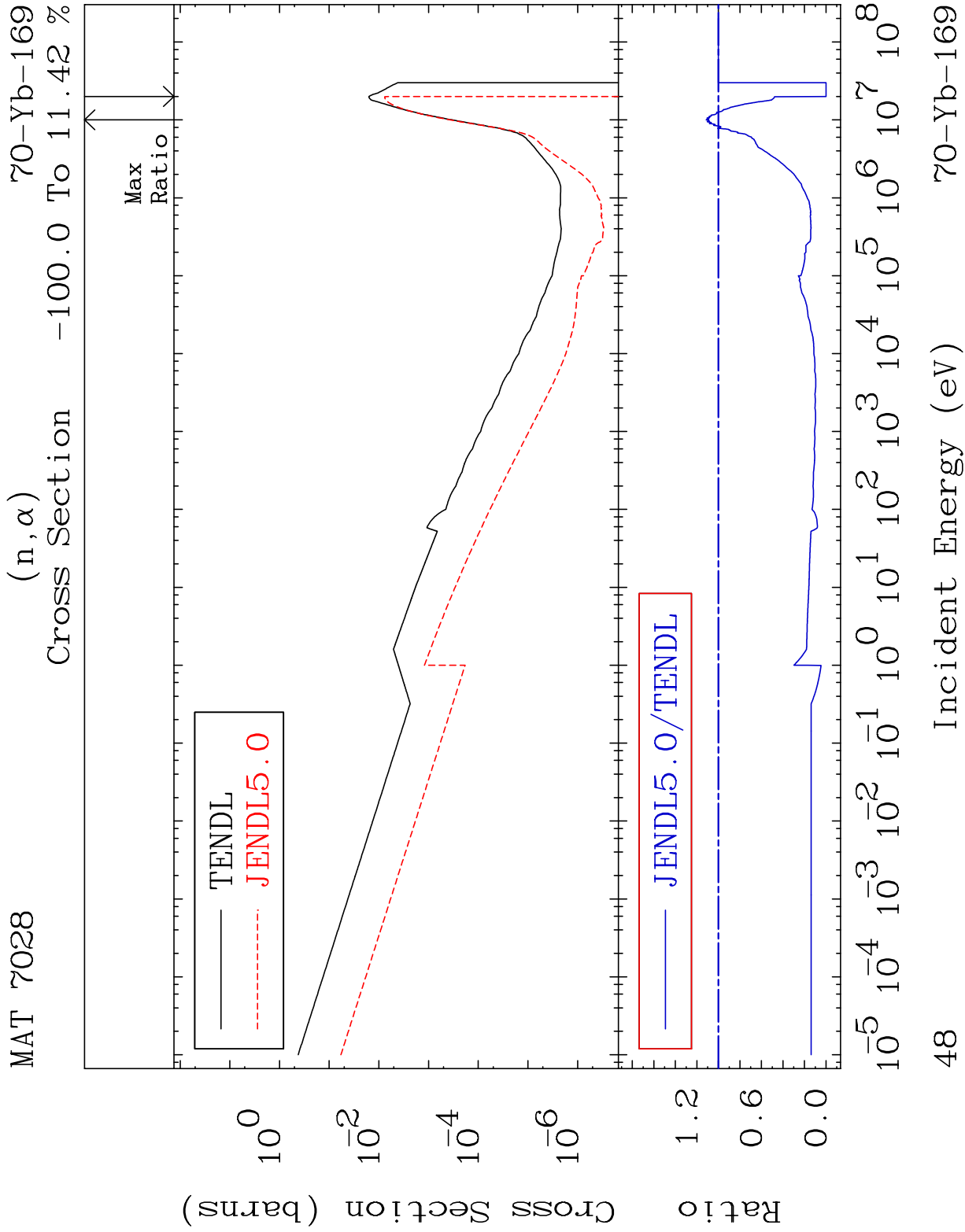


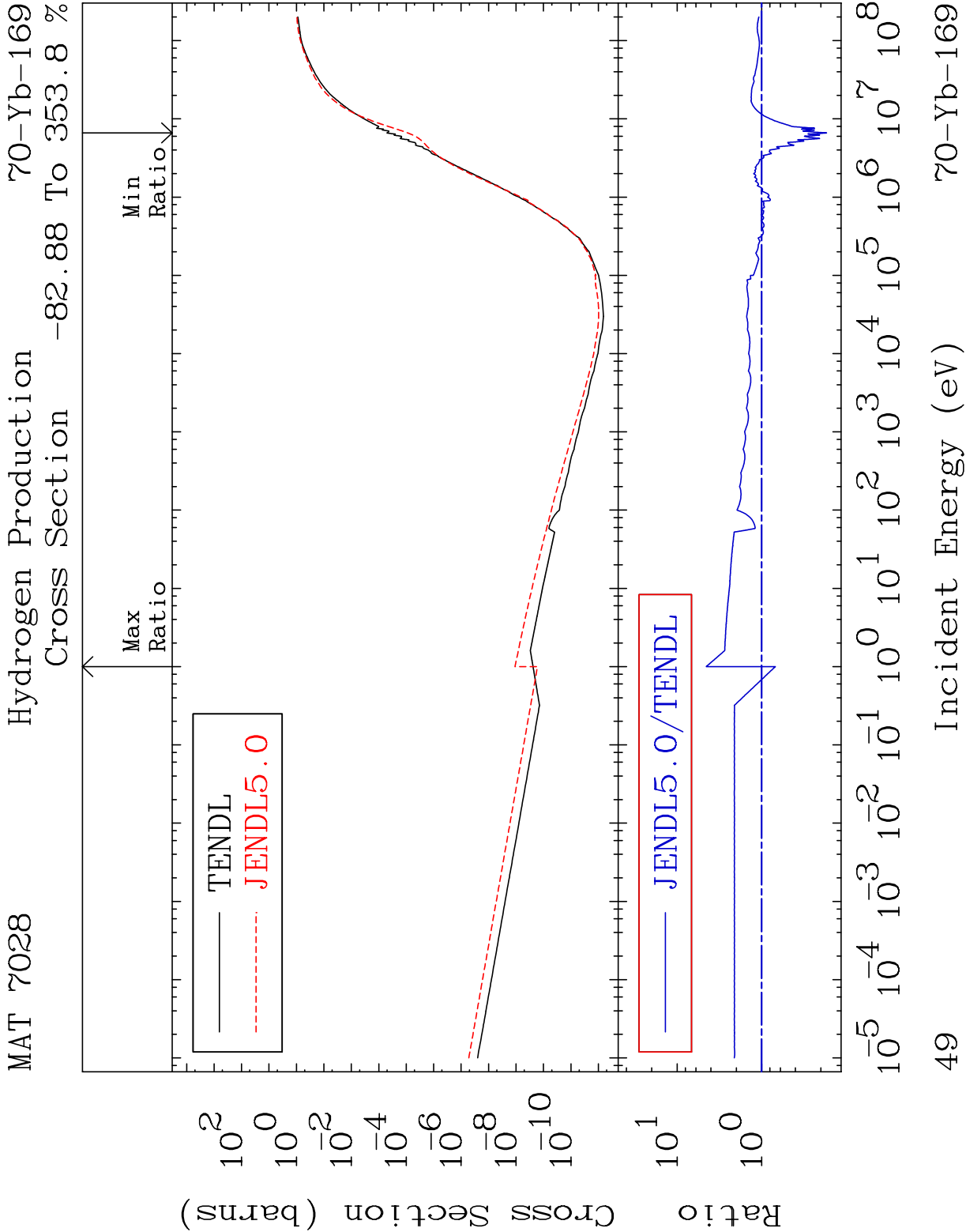


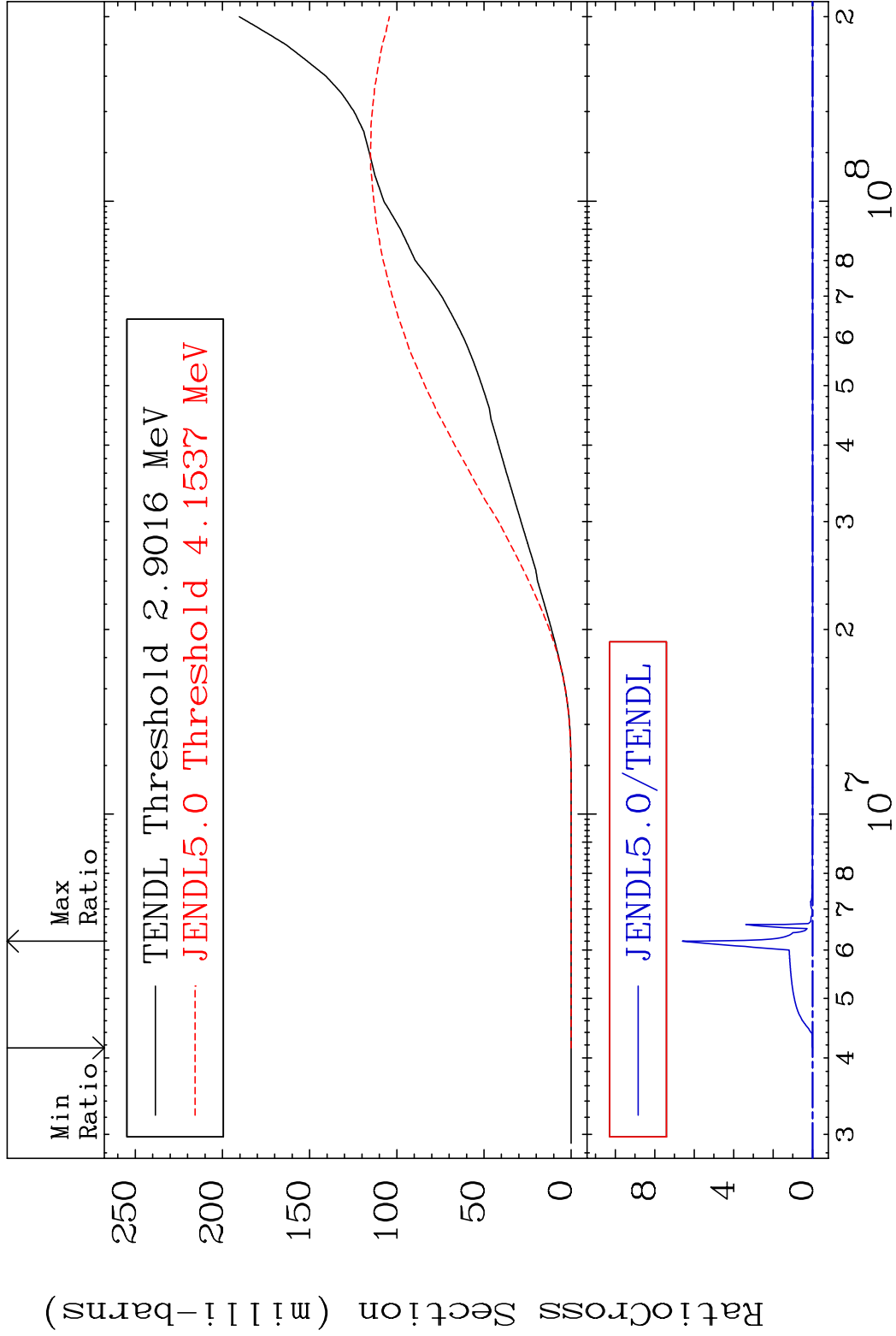


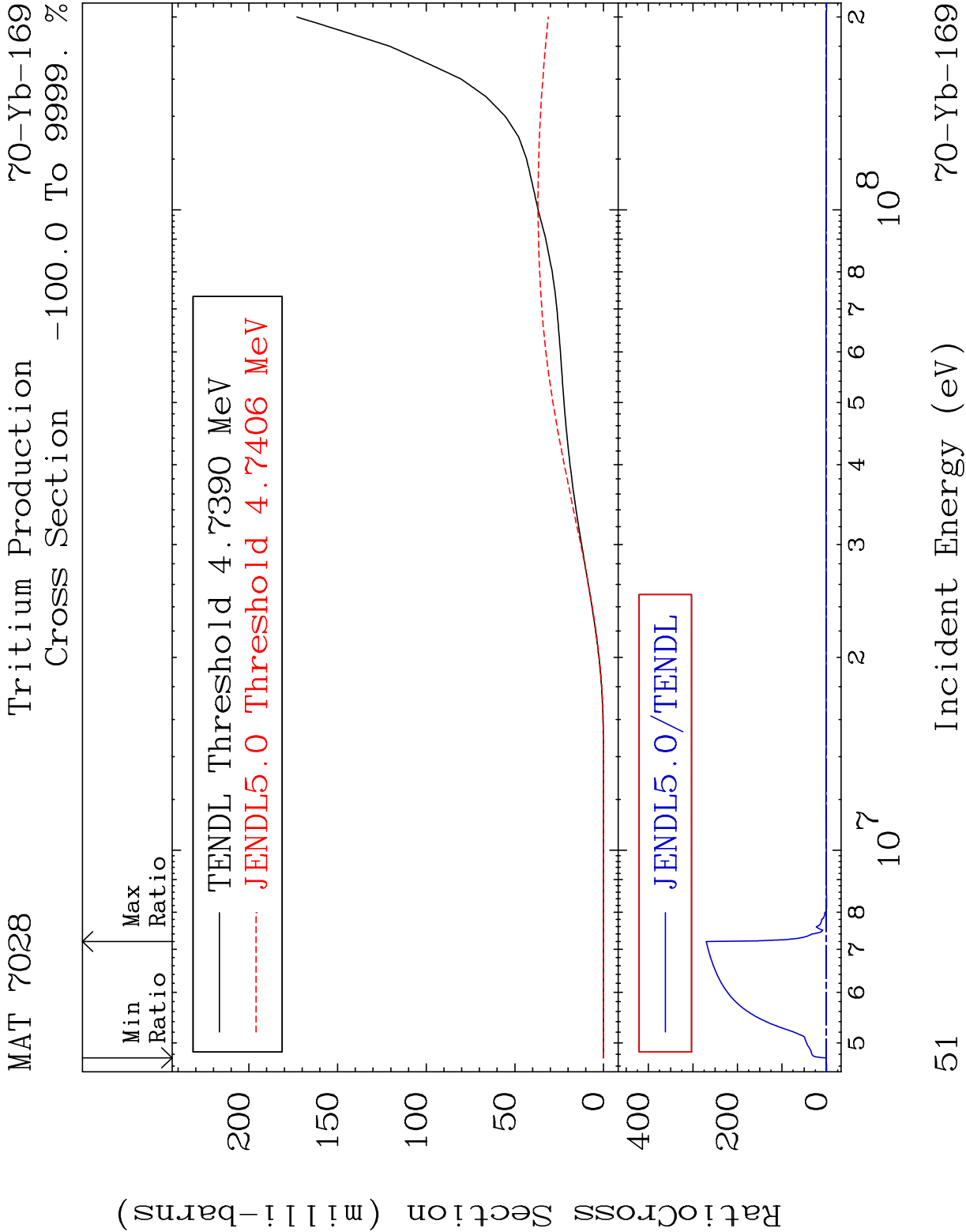


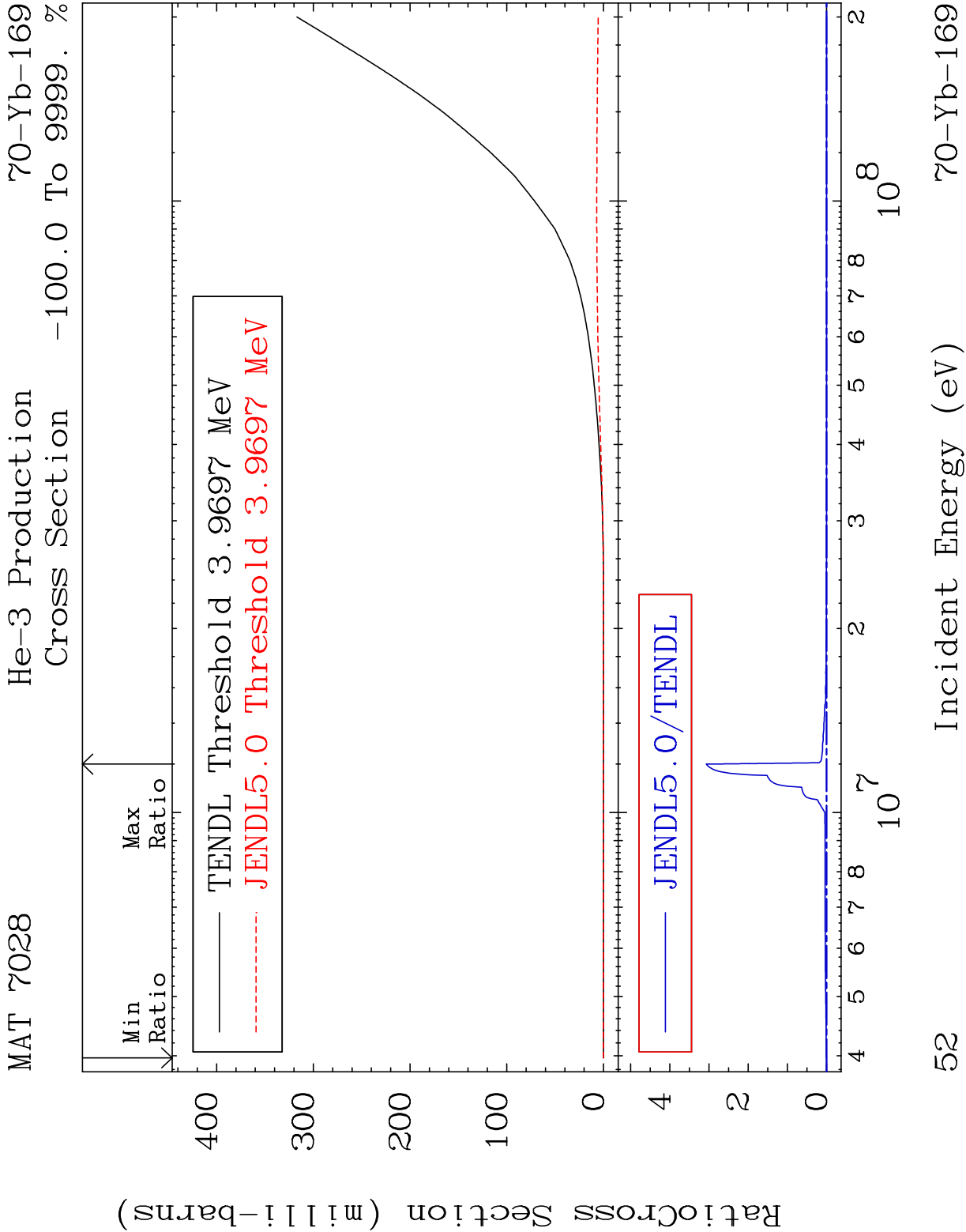


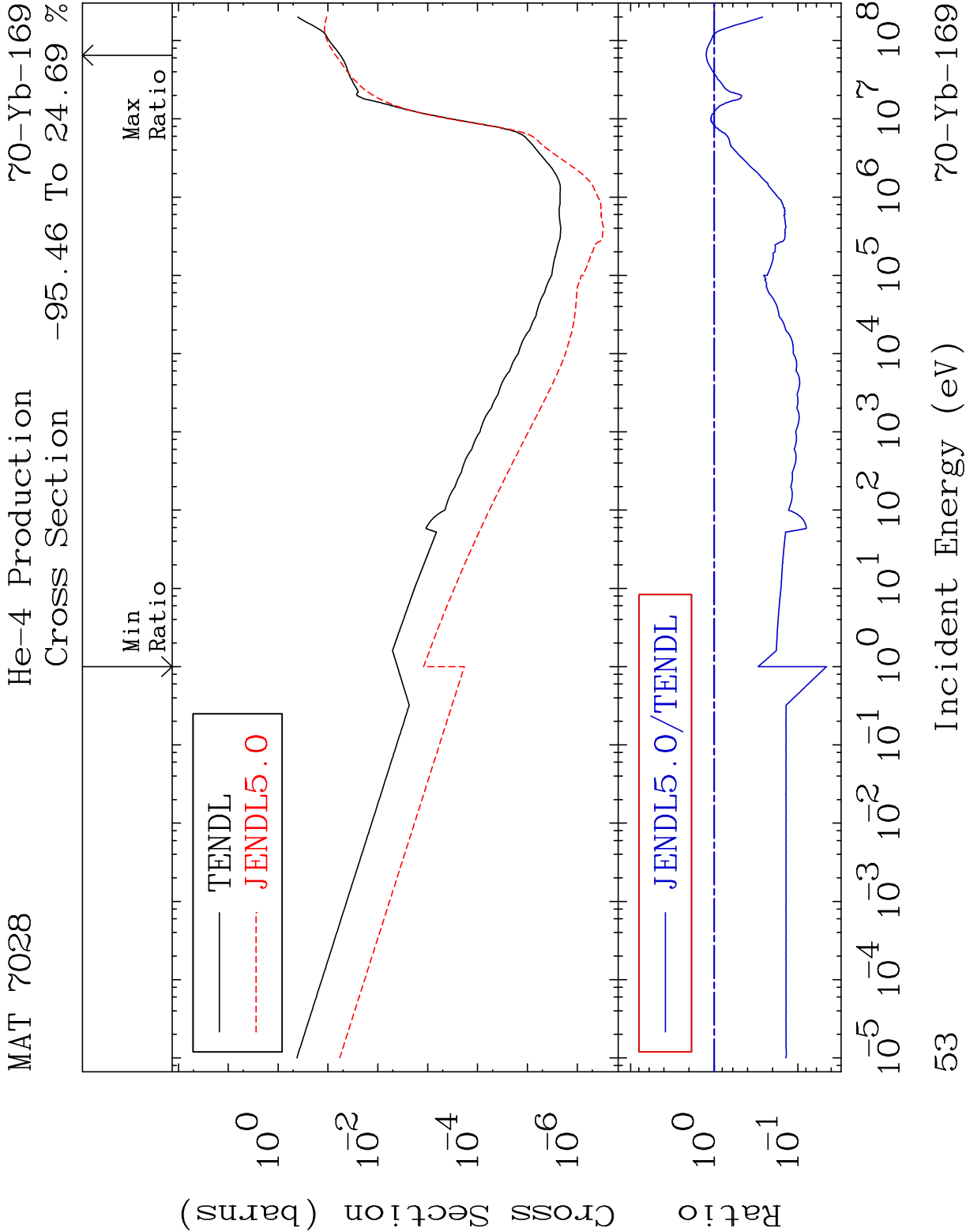


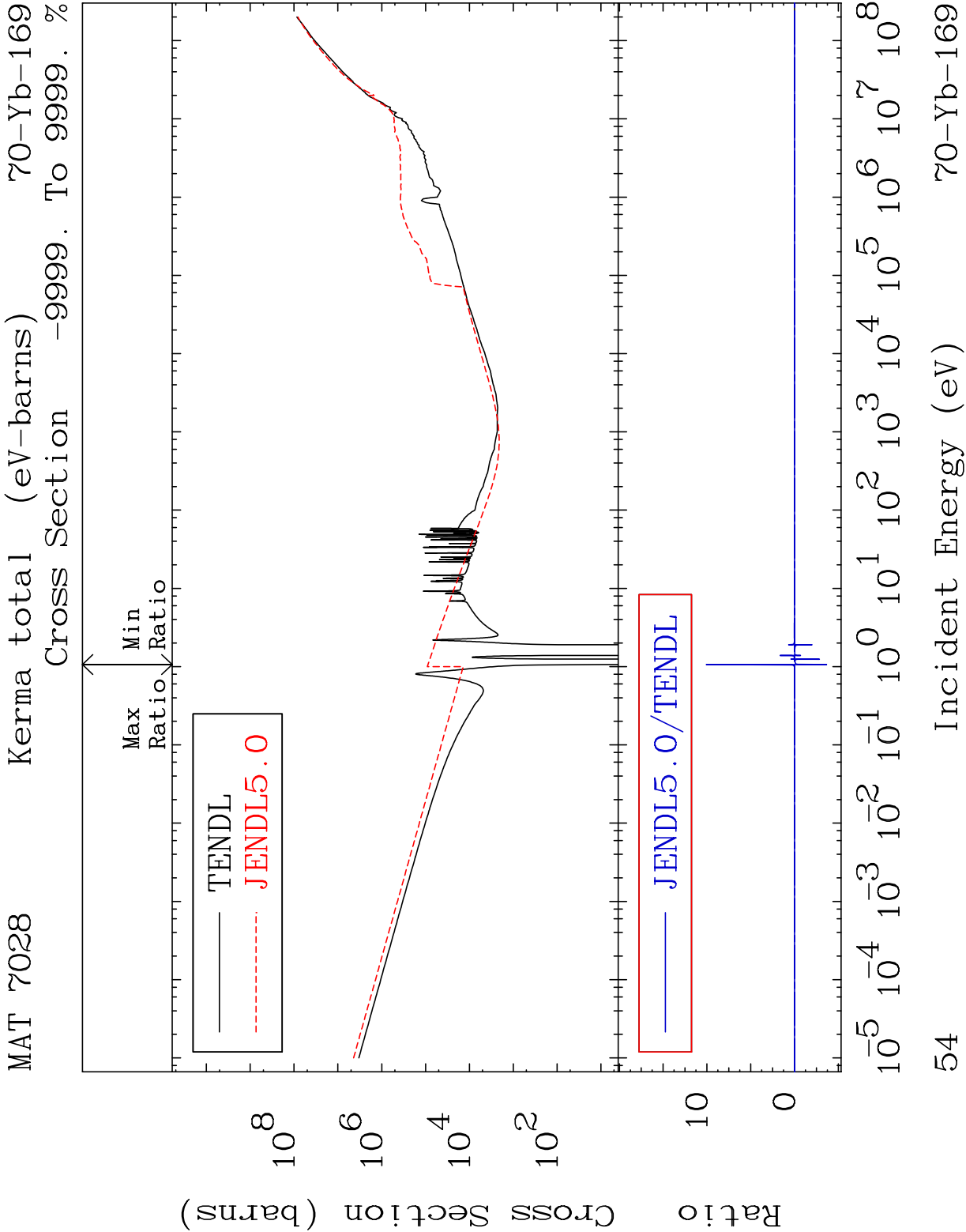




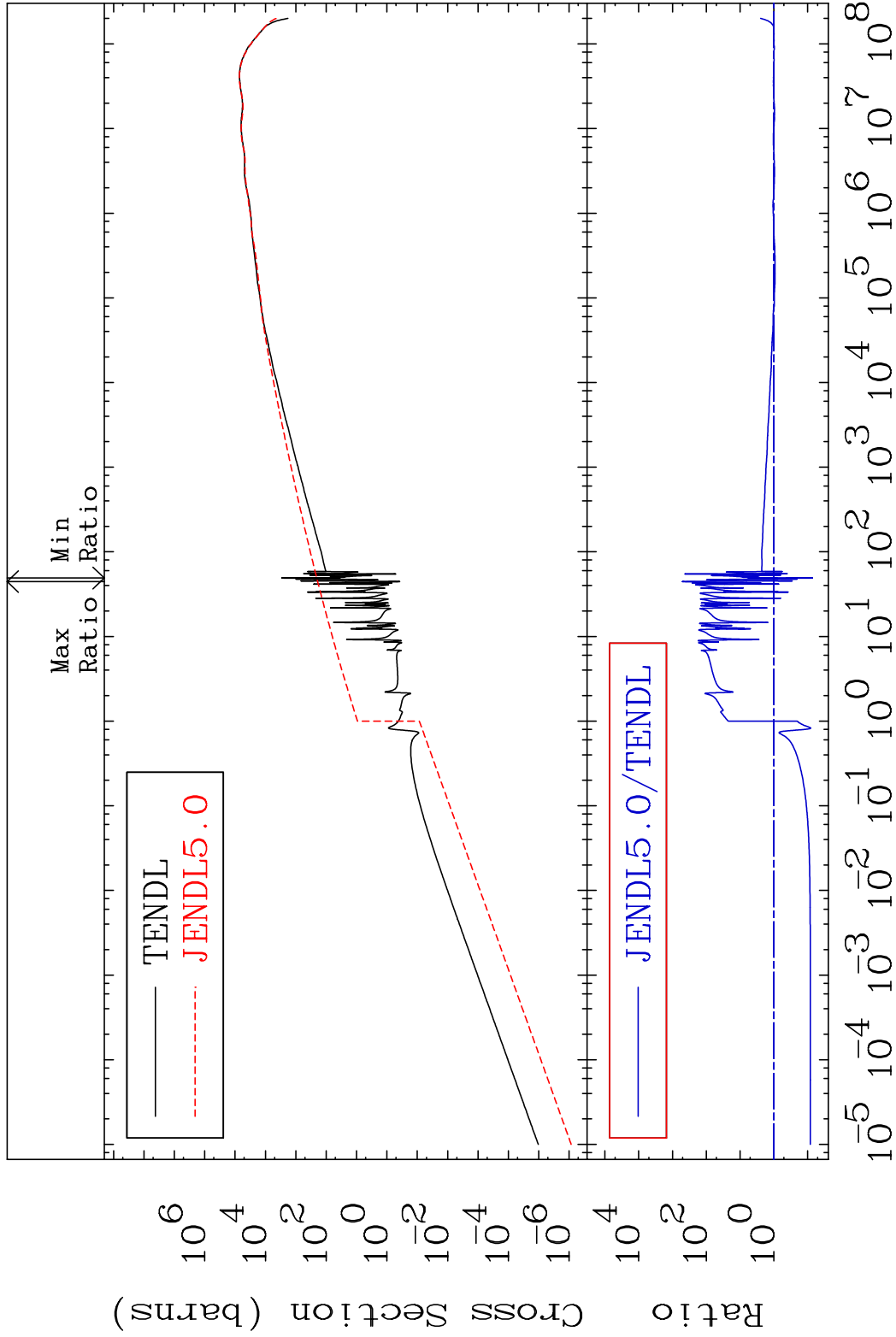






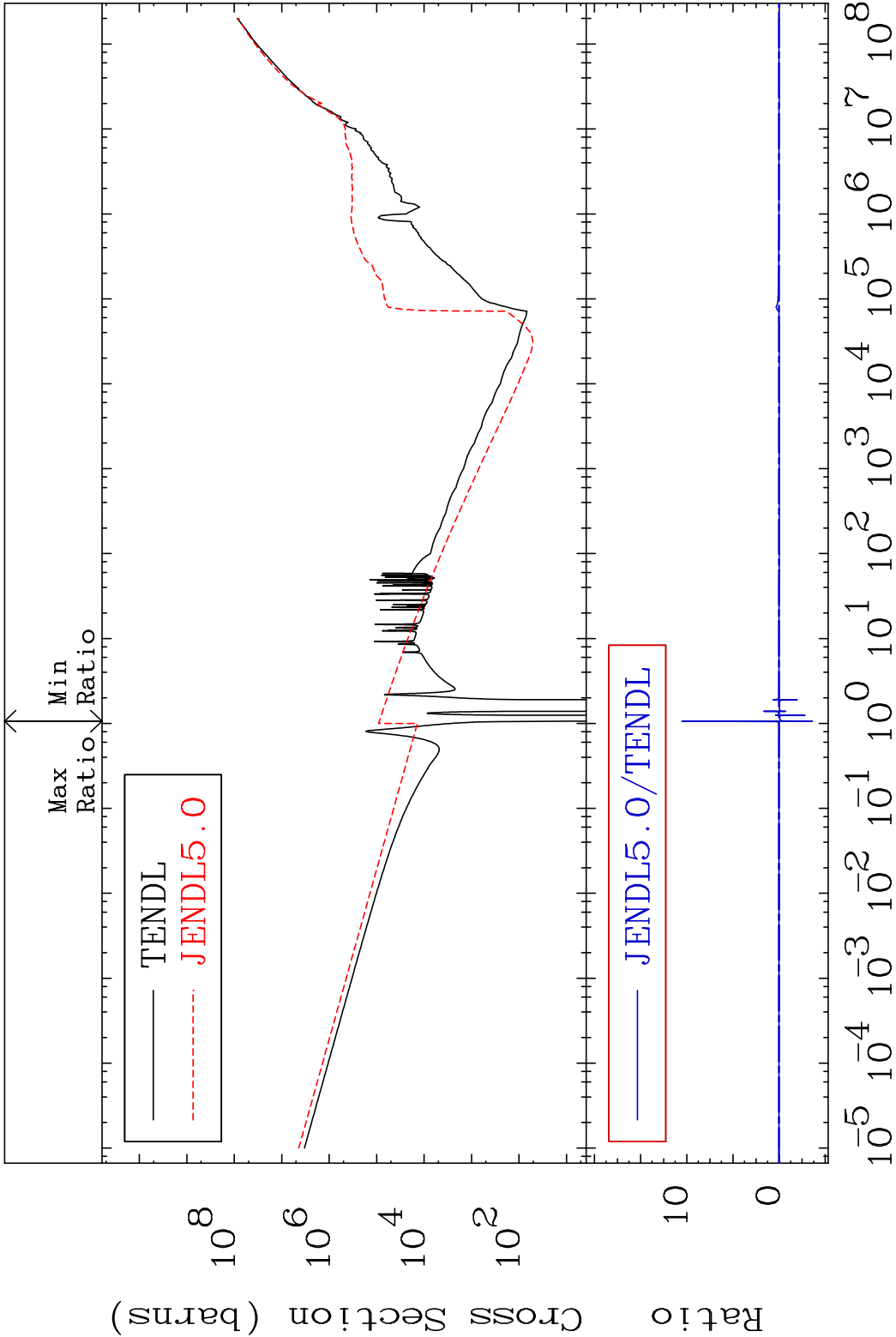


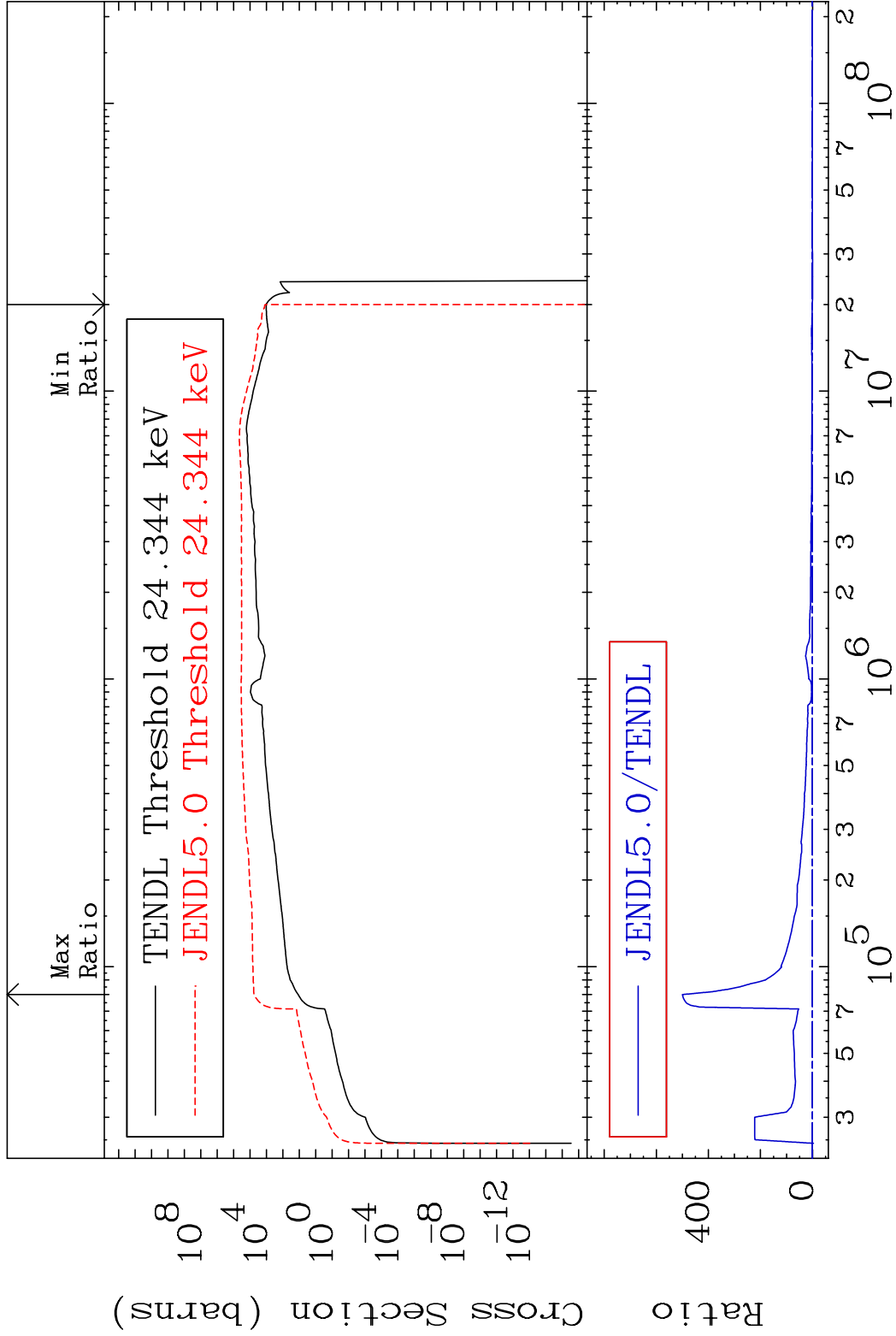
MAT 7028 Kerma elastic 70-Yb-169
Cross Section -92.90 To 9999. %



55 Incident Energy (eV) 70-Yb-169

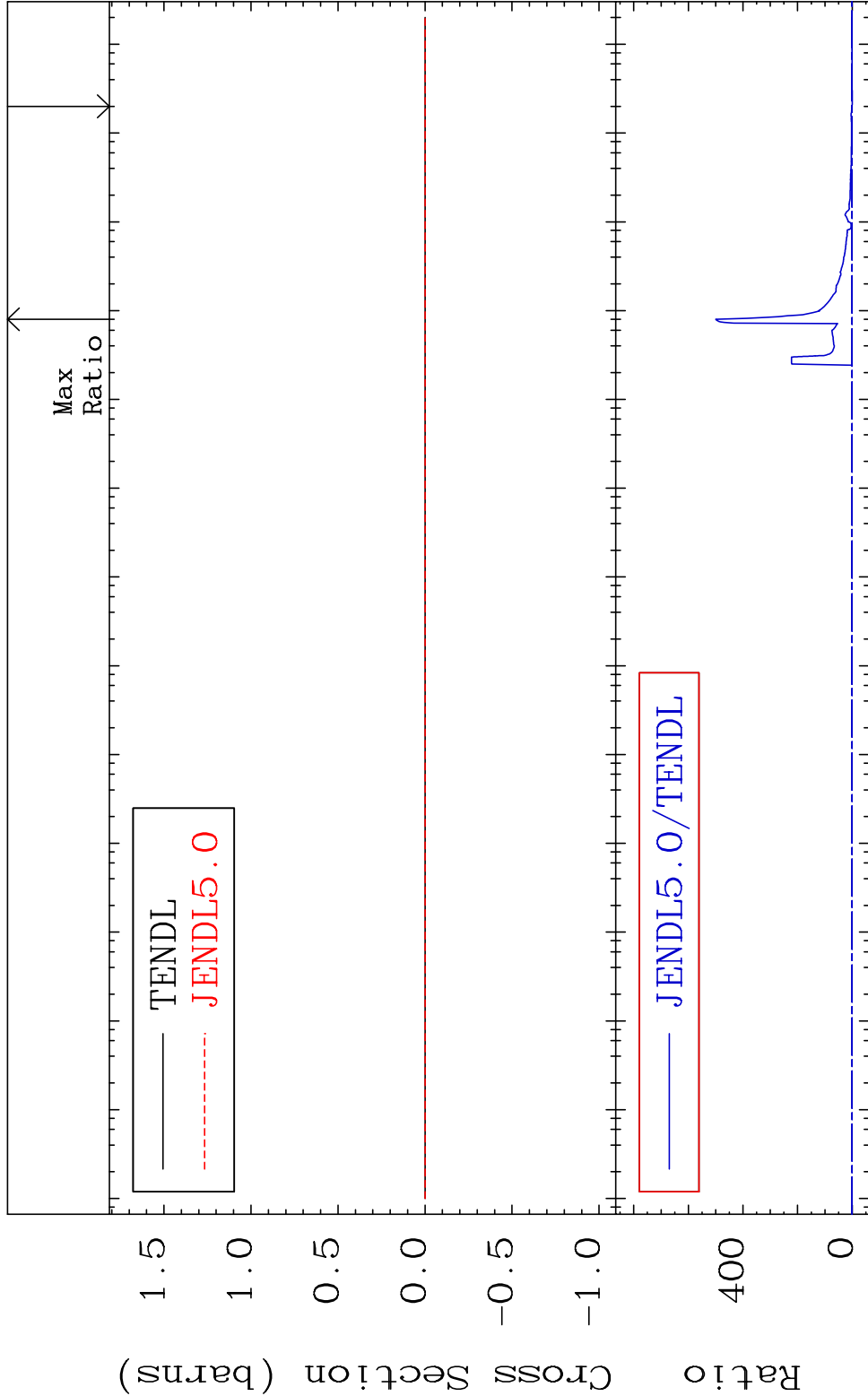
MAT 7028 Kerma non-elastic (all but mt2) 70-Yb-169
Cross Section -9999. To 9999. %

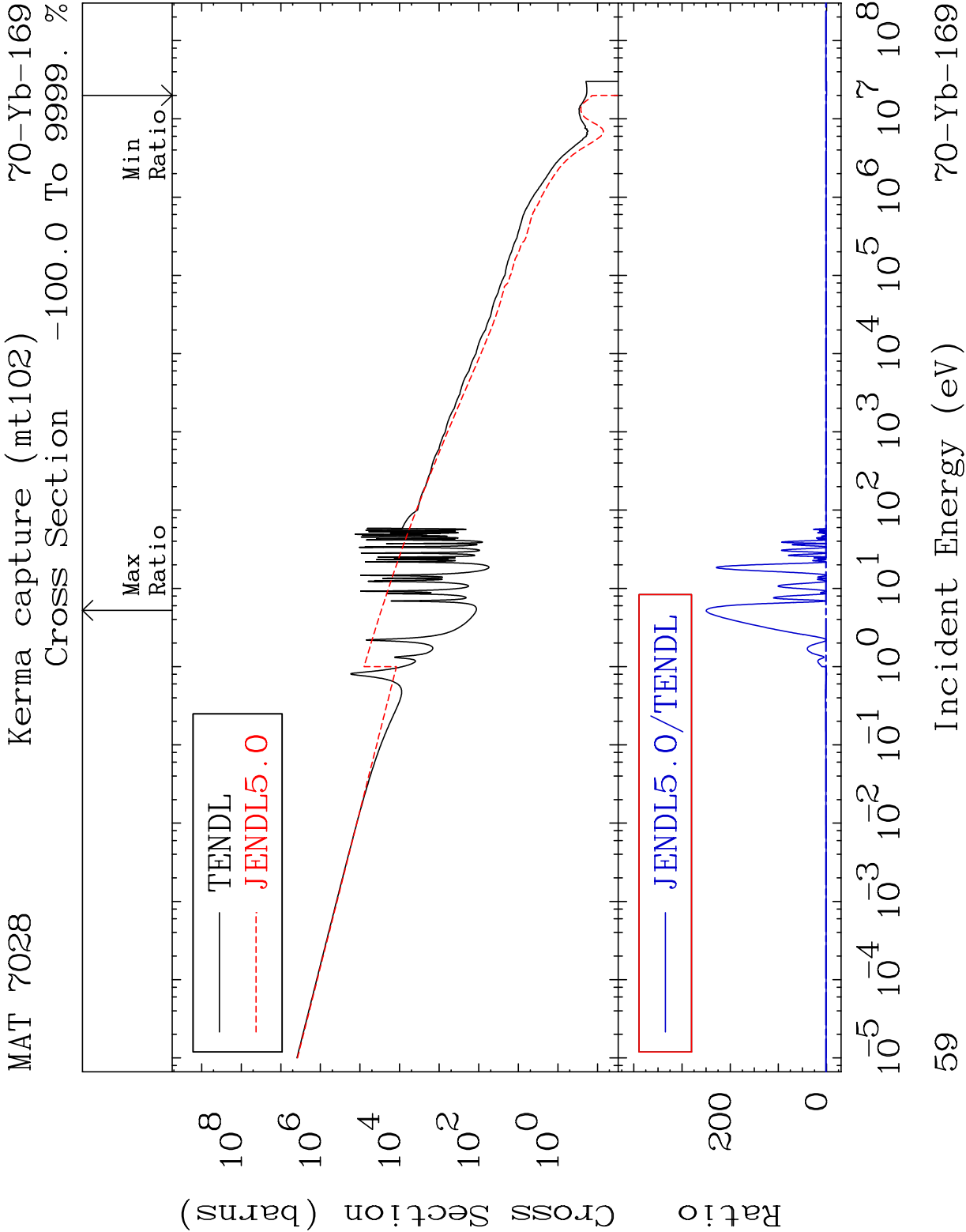


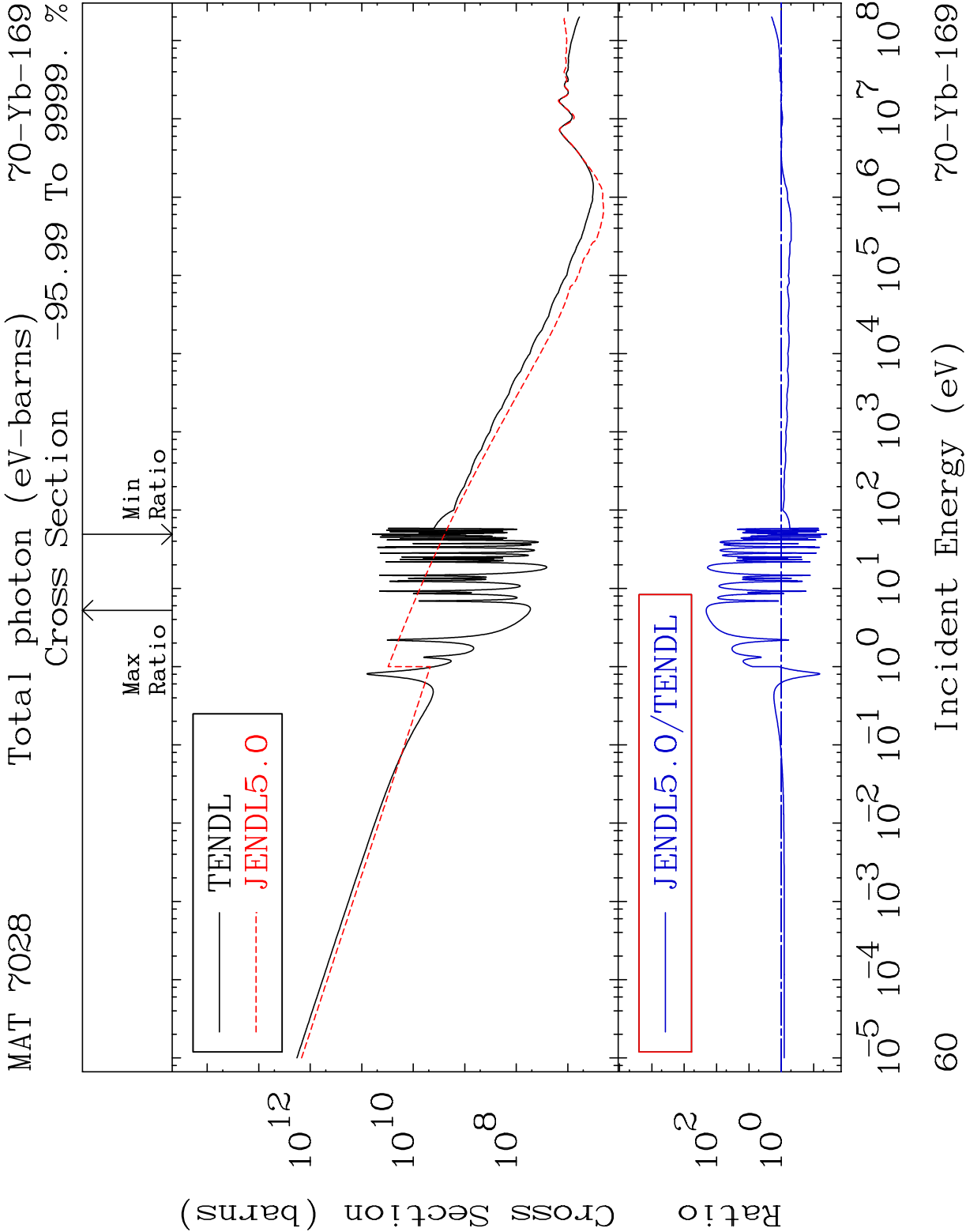


MAT 7028Kerma fission (mt18 or mt19-20-21-38)70-Yb-169

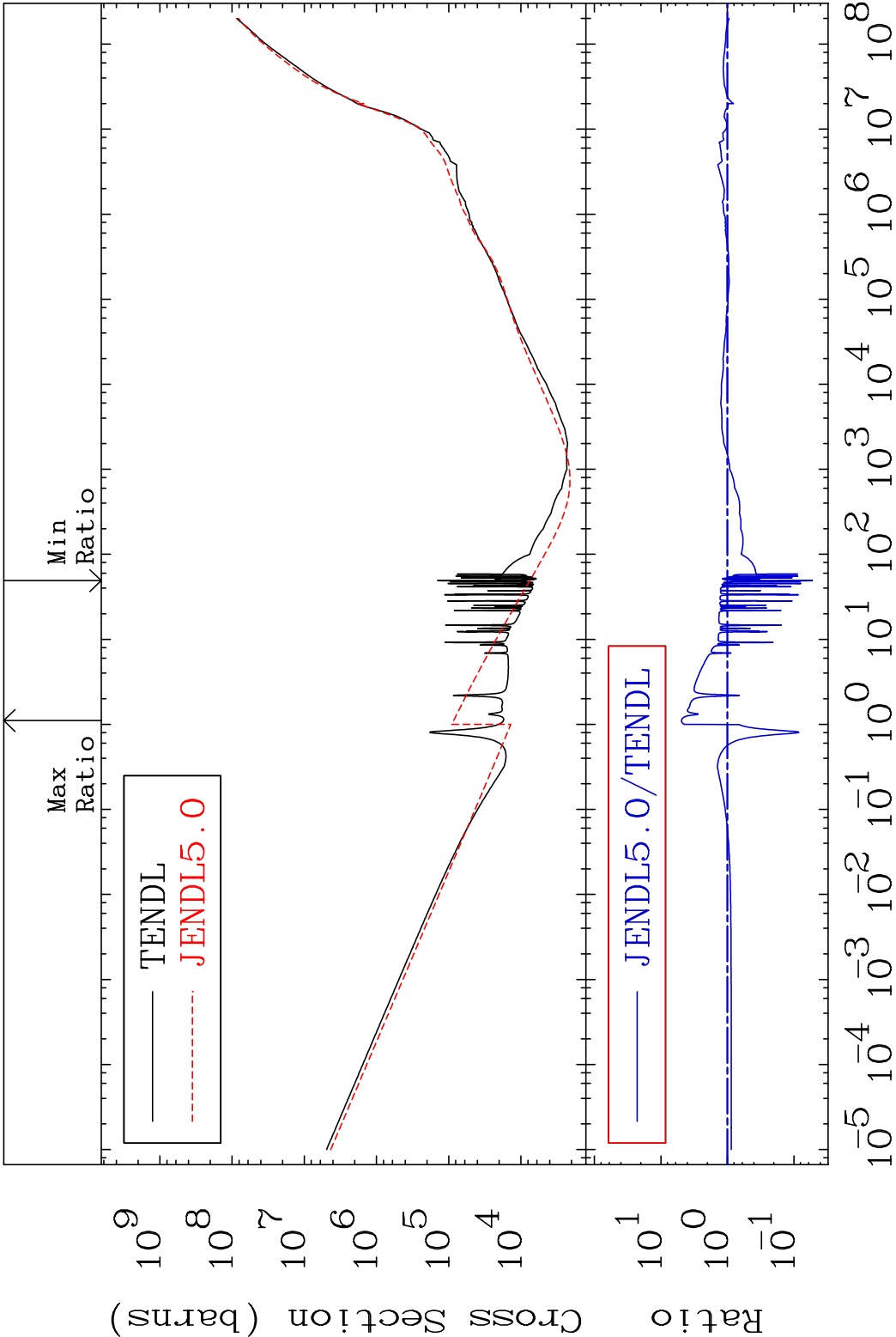
Cross Section -100.0 To 9999. %





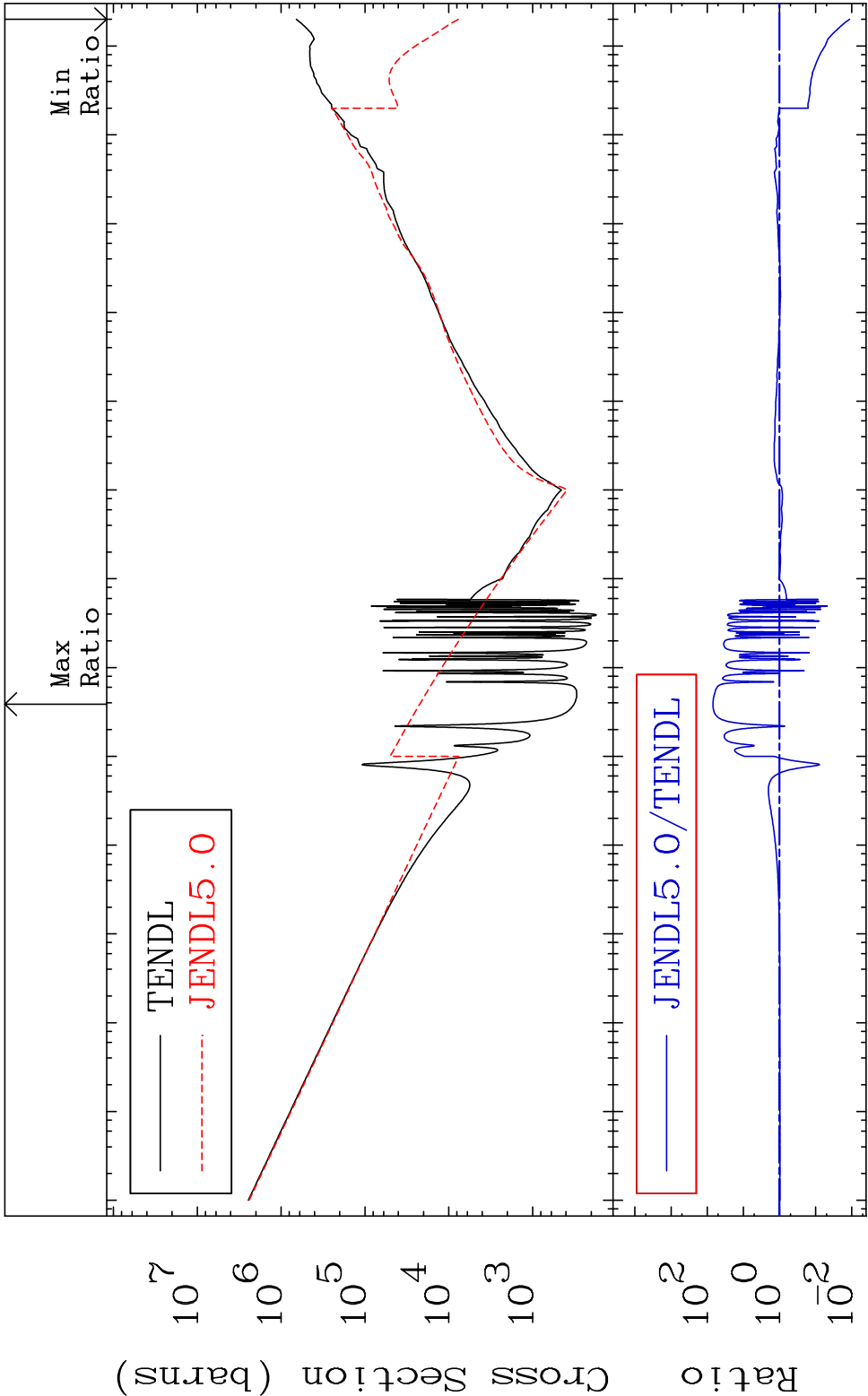


MAT 7028 Total kinematic kerma (high limit) 70-Yb-169
Cross Section -94.69 To 390.2 %



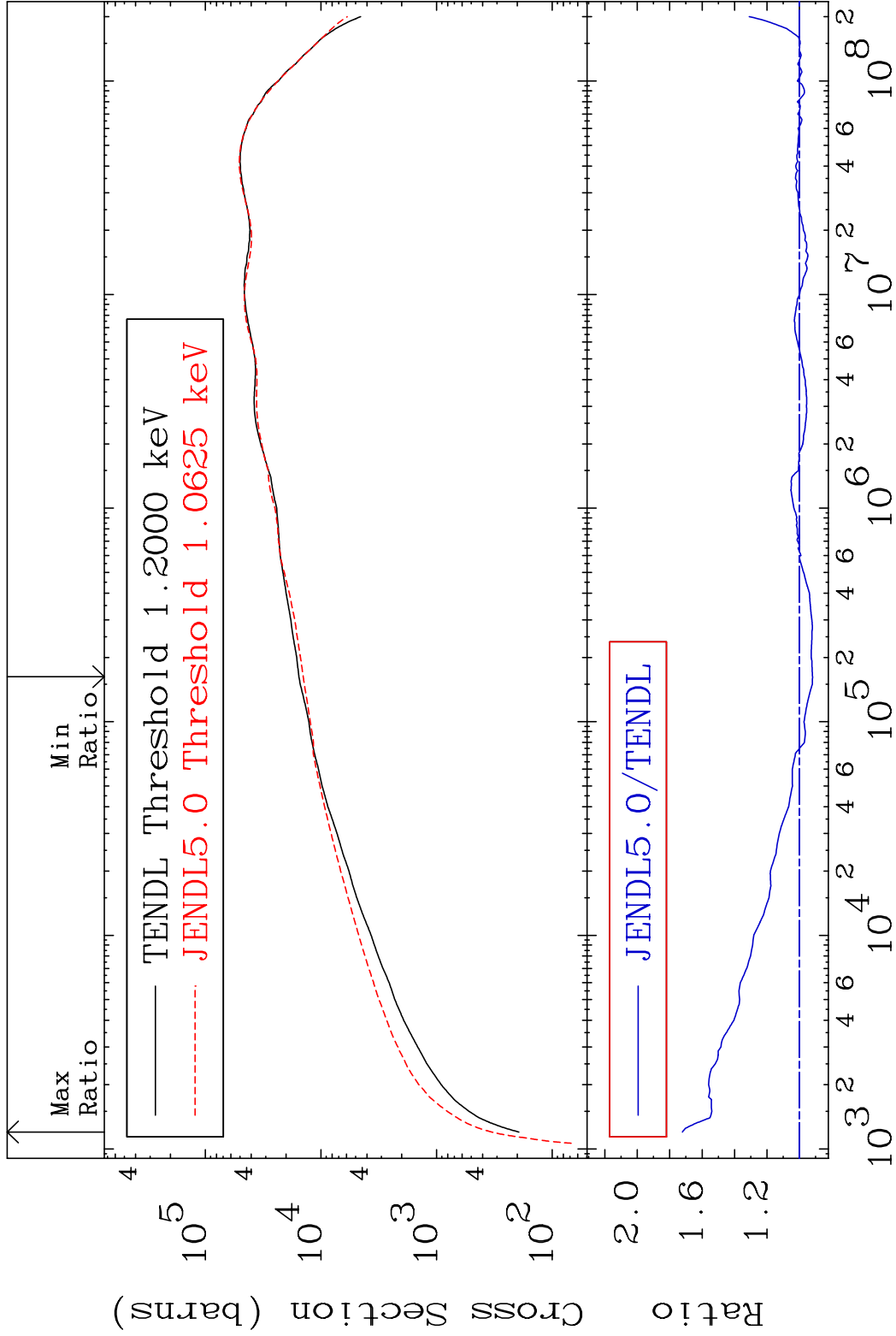
61 Incident Energy (eV) 70-Yb-169

MAT 7028 Dpa total (eV-barns) 70-Yb-169
Cross Section -98.84 To 6830. %

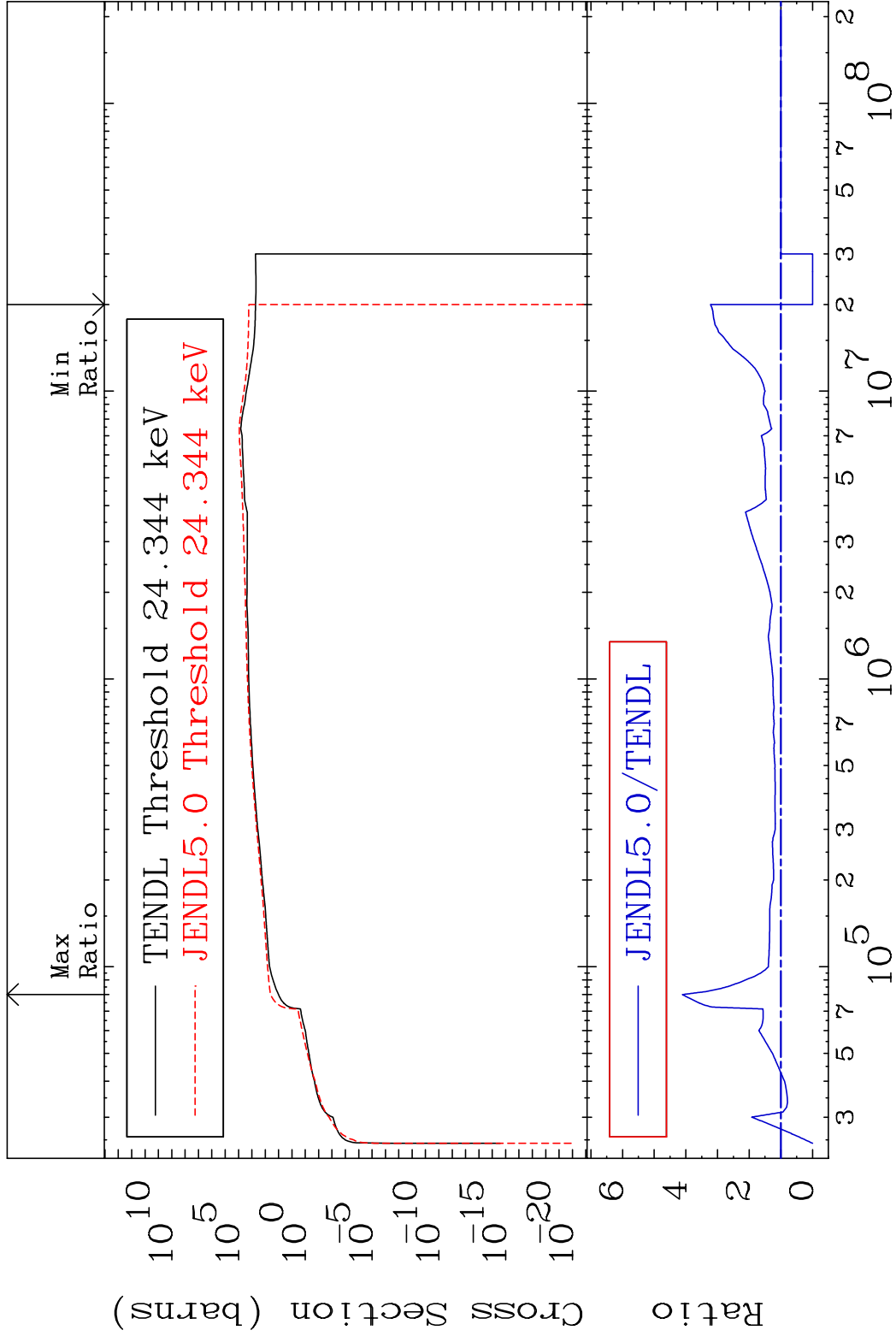


62 Incident Energy (eV) 70-Yb-169

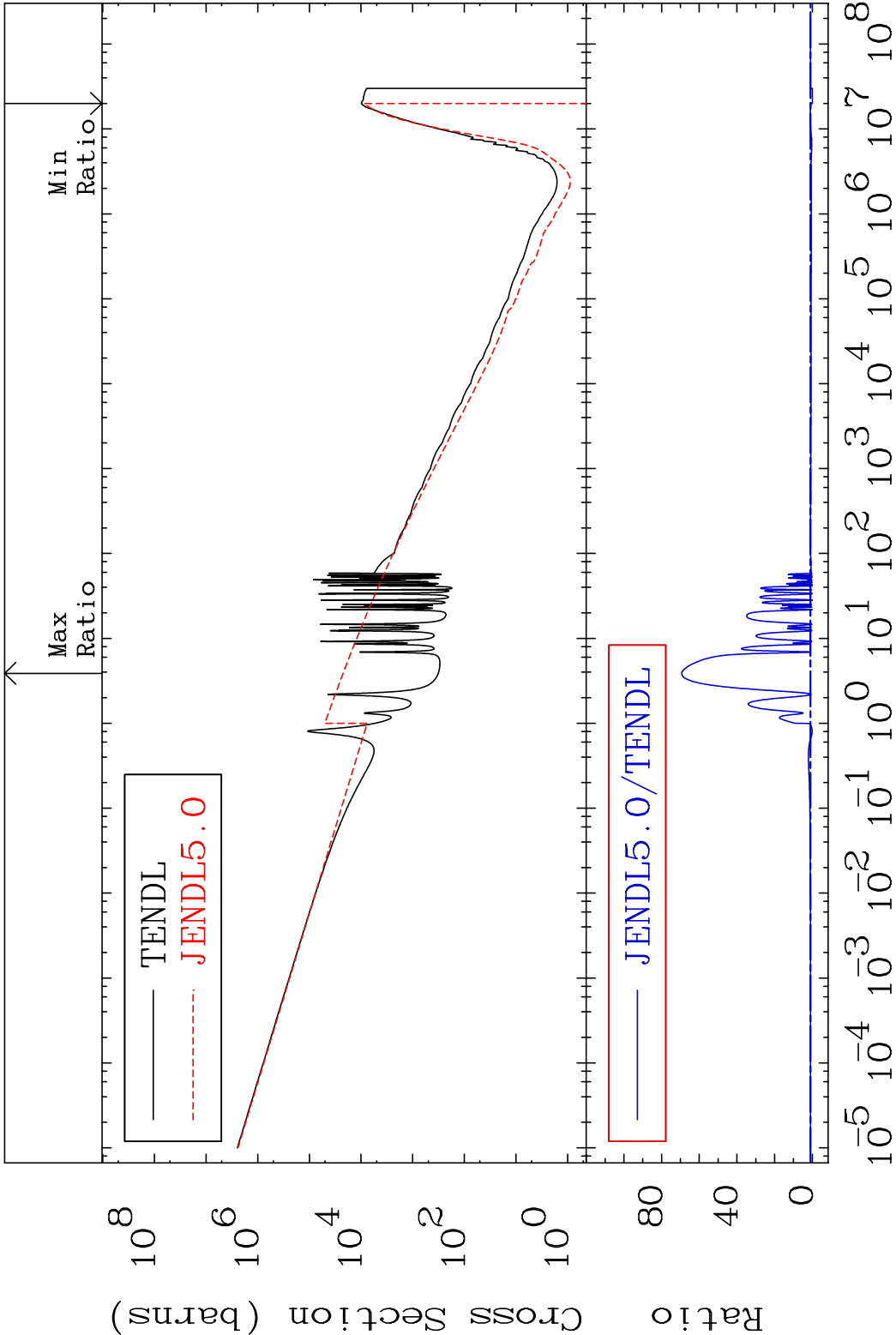
MAT 7028 Dpa elastic (mt2) 70-Yb-169
Cross Section -8.099 To 72.20 %



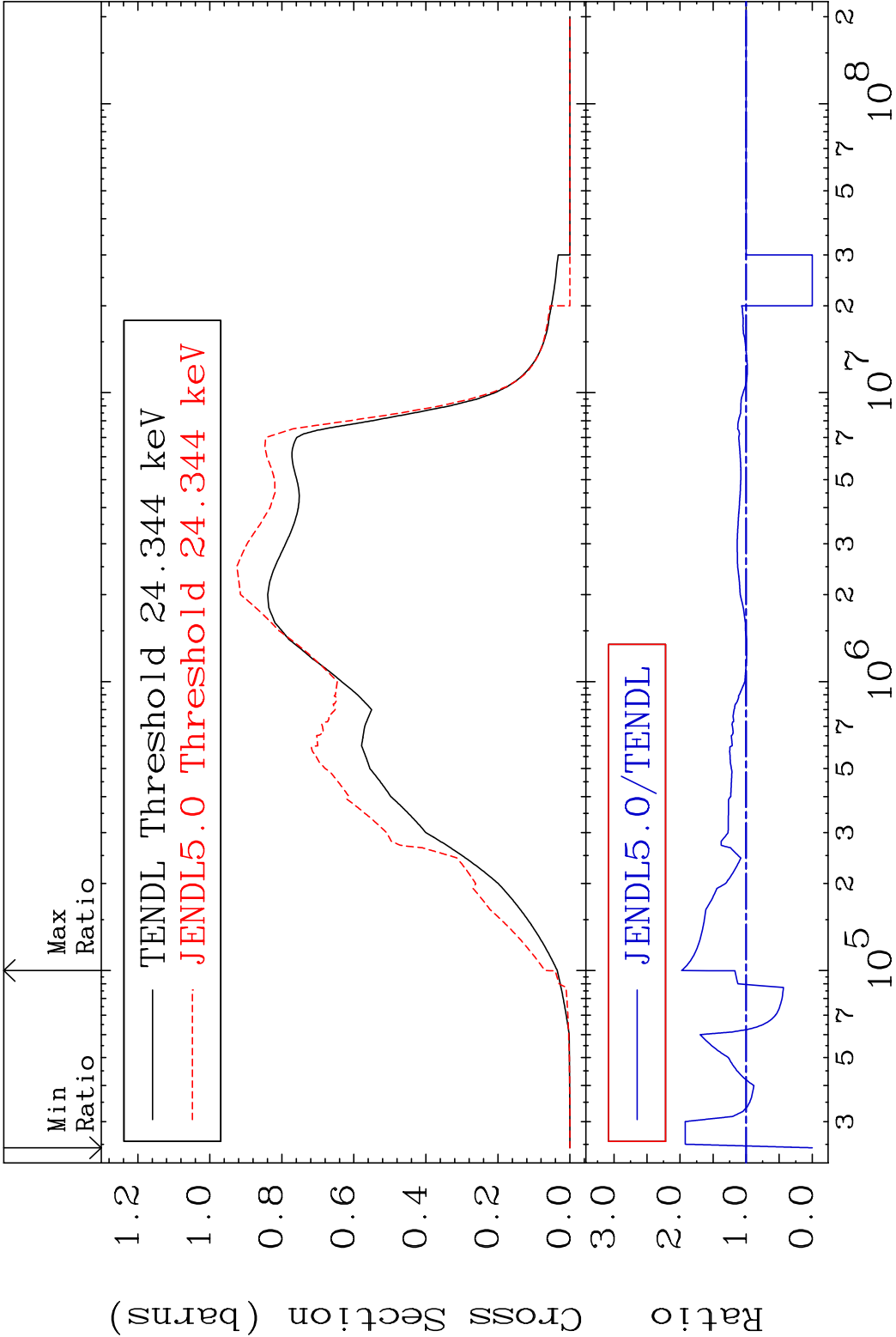
63 Incident Energy (eV) 70-Yb-169

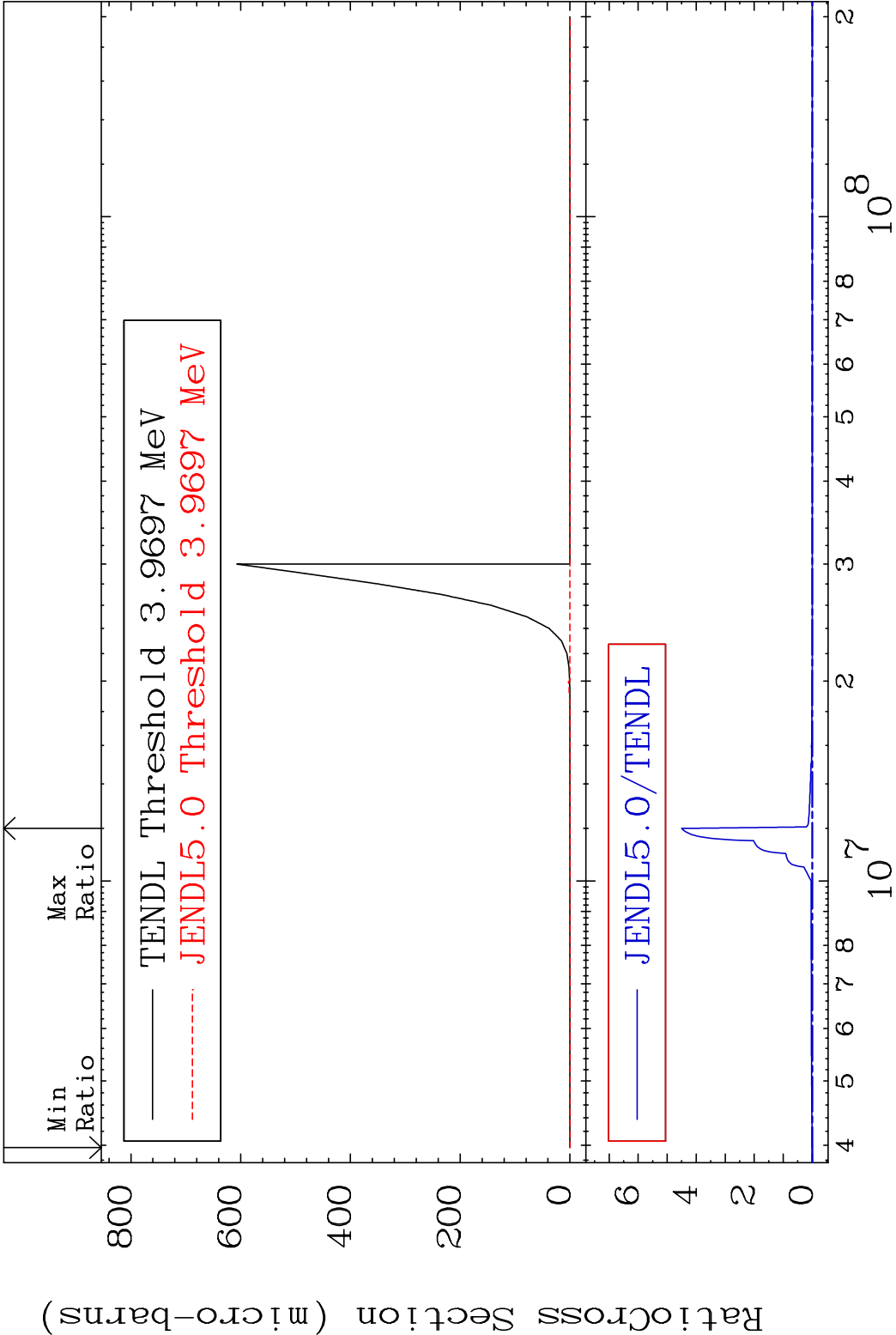


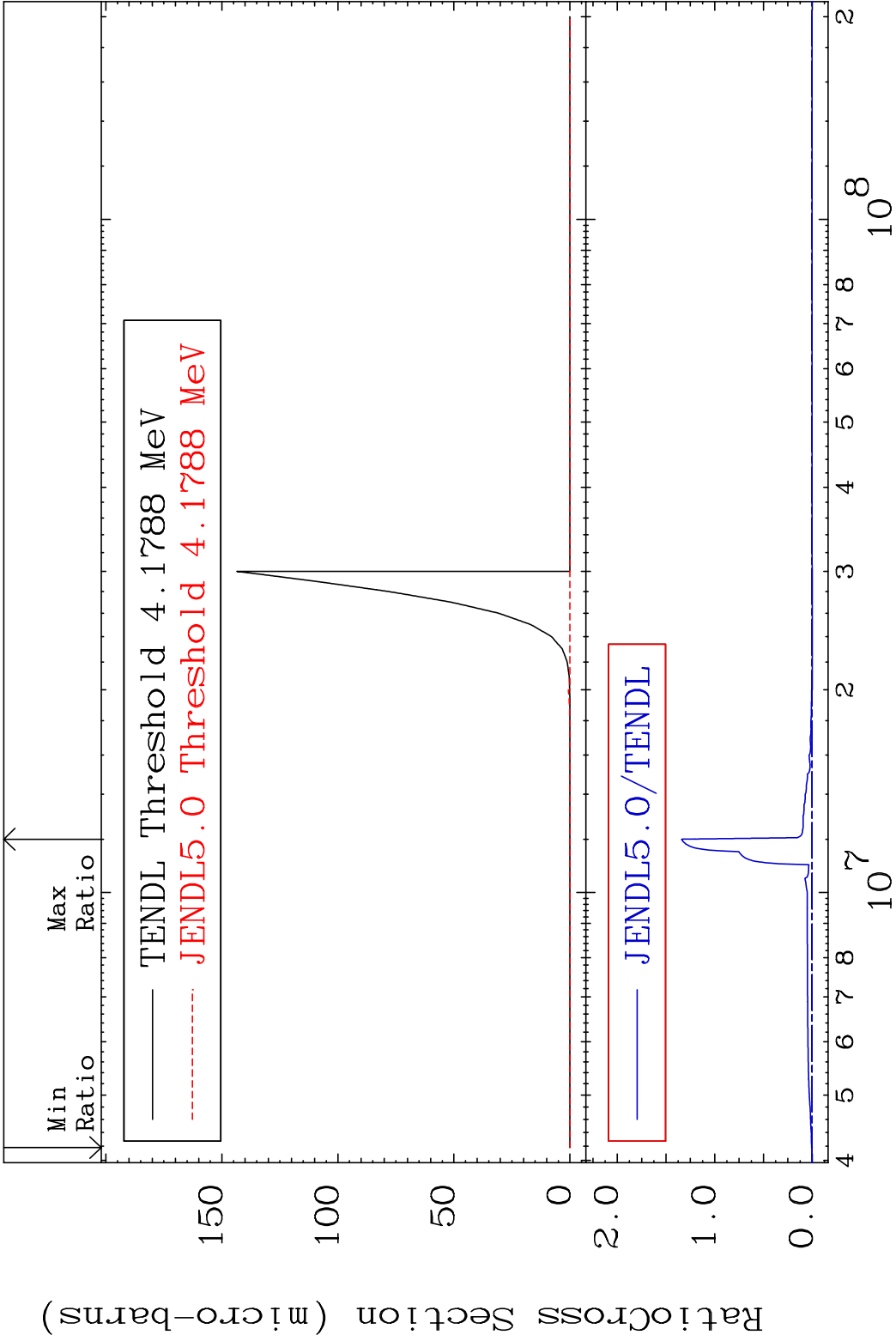
MAT 7028 Dpa disappearance (mt102 -120) 70-Yb-169
Cross Section -100.0 To 6830. %

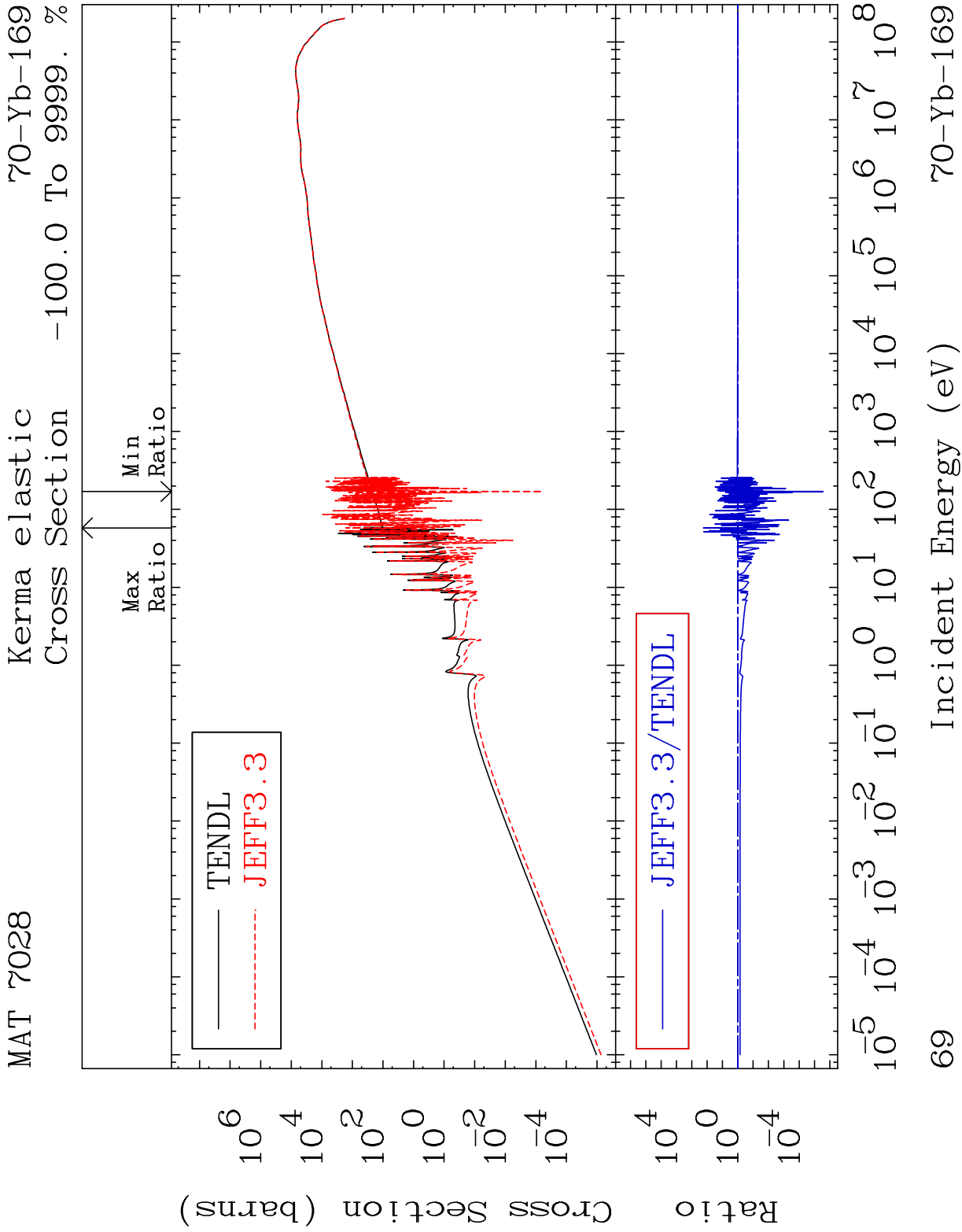


65 Incident Energy (eV) 70-Yb-169

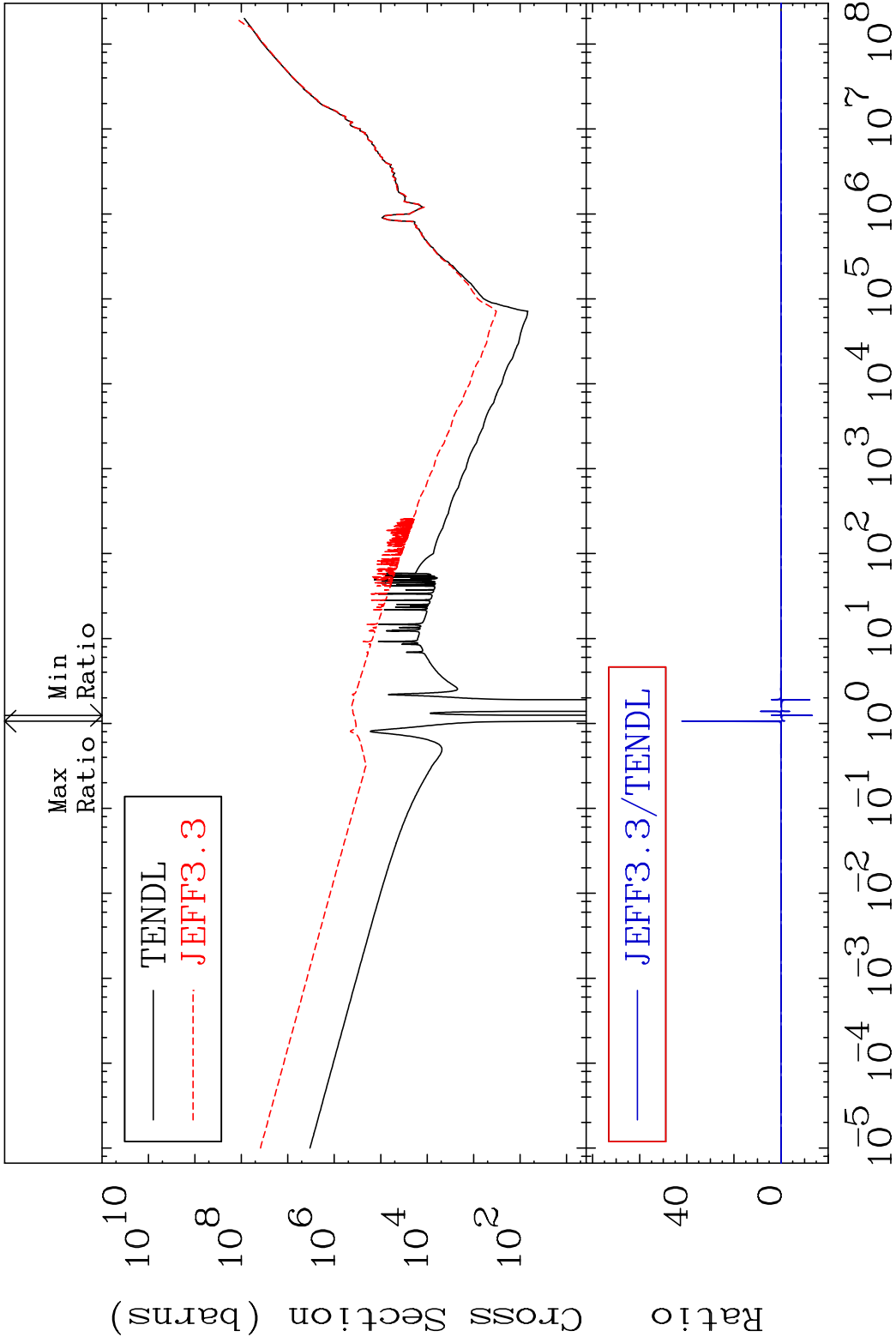




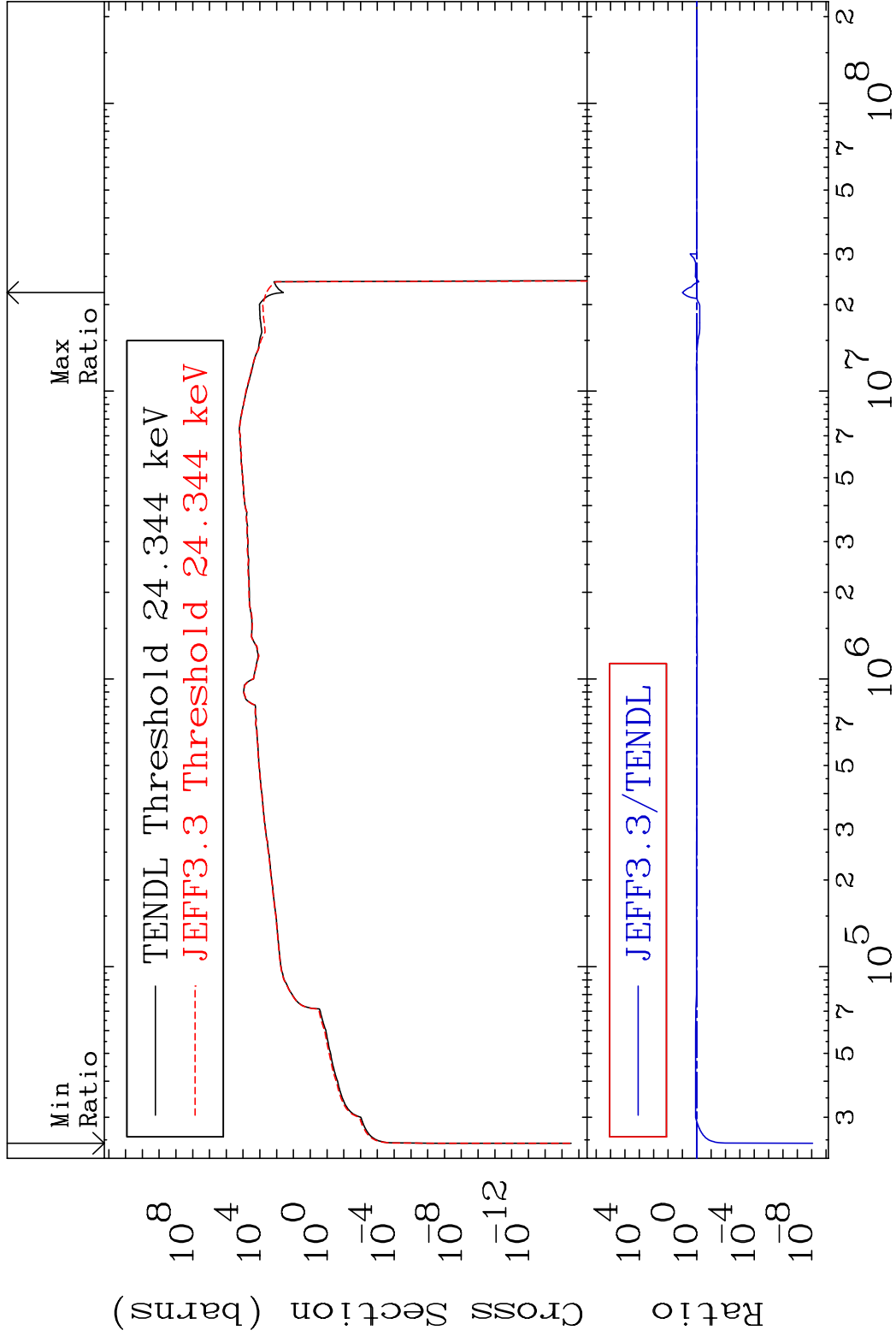




MAT 7028 Kerma non-elastic (all but mt2) 70-Yb-169
Cross Section -9999. To 9999. %

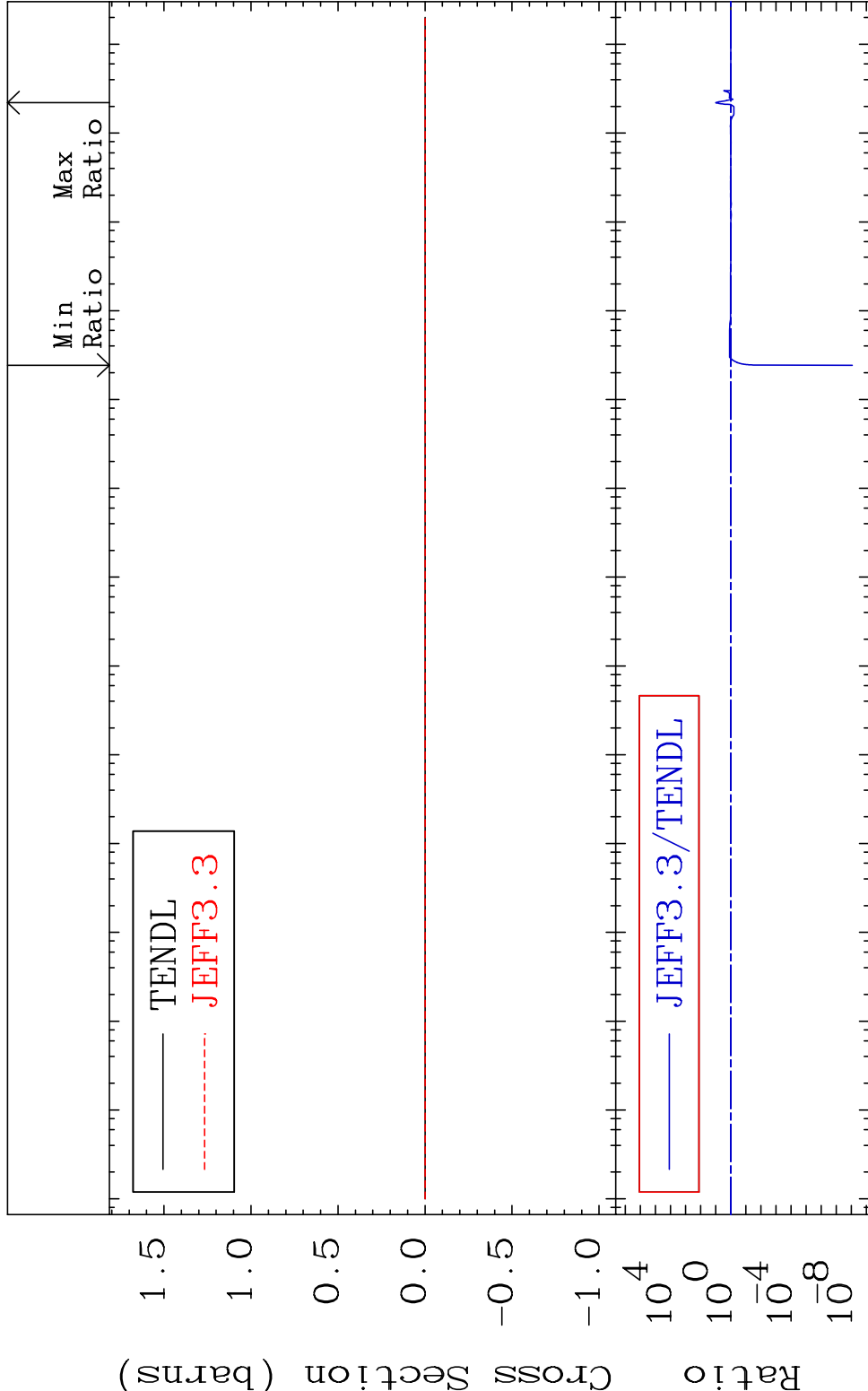


70 Incident Energy (eV) 70-Yb-169



MAT 7028Kerma fission (mt18 or mt19-20-21-38)70-Yb-169

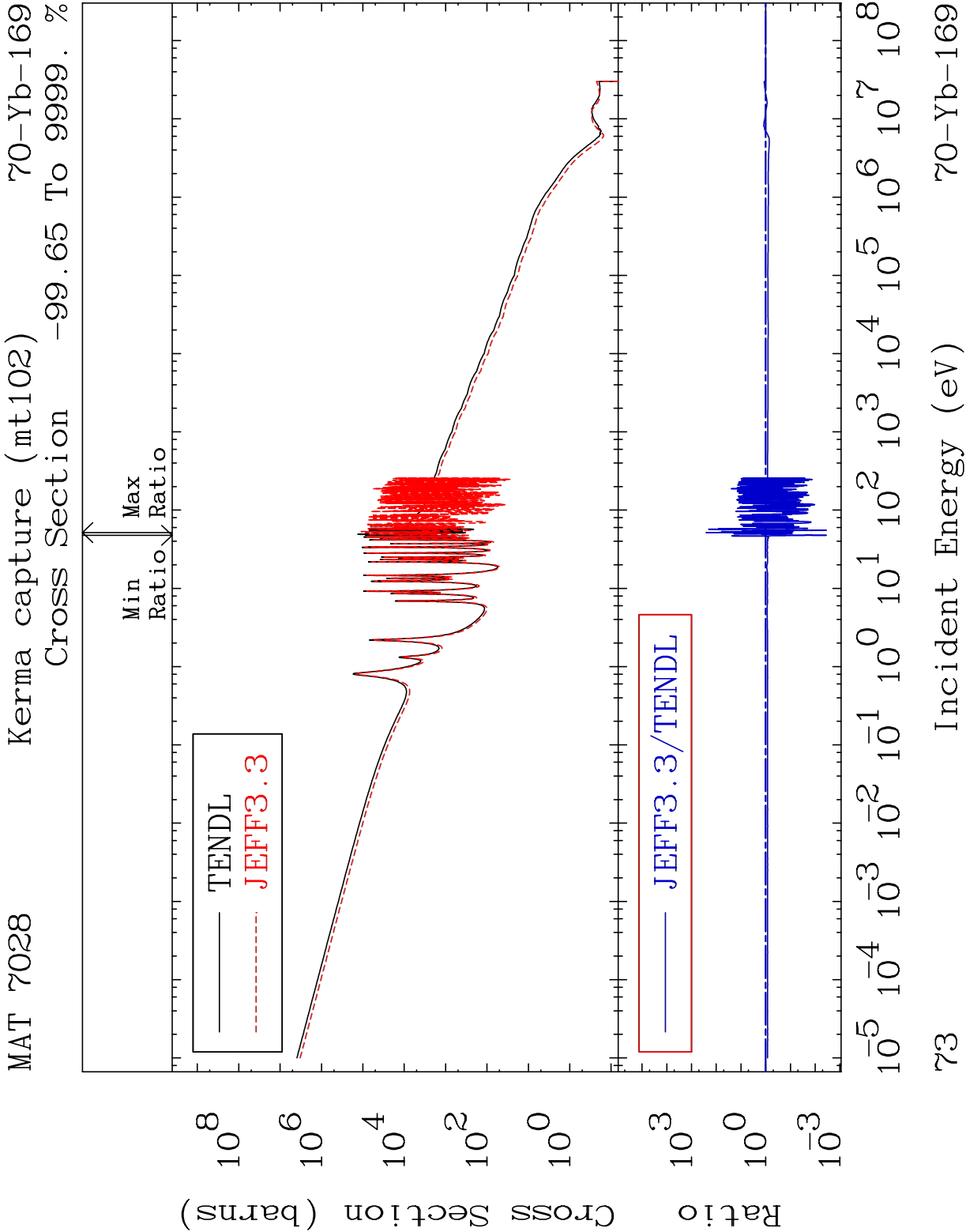
Cross Section -100.0 To 911.1 %

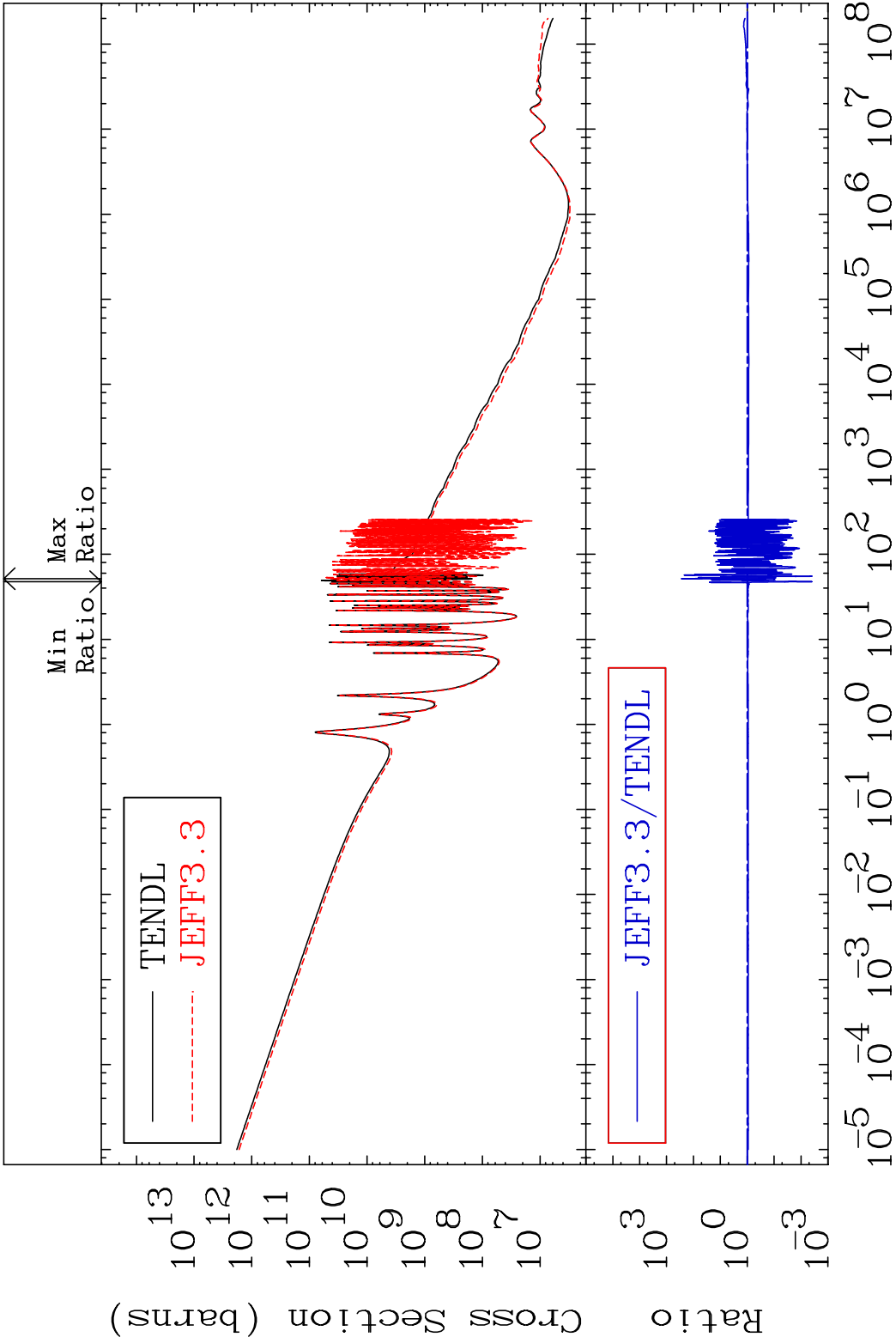


72

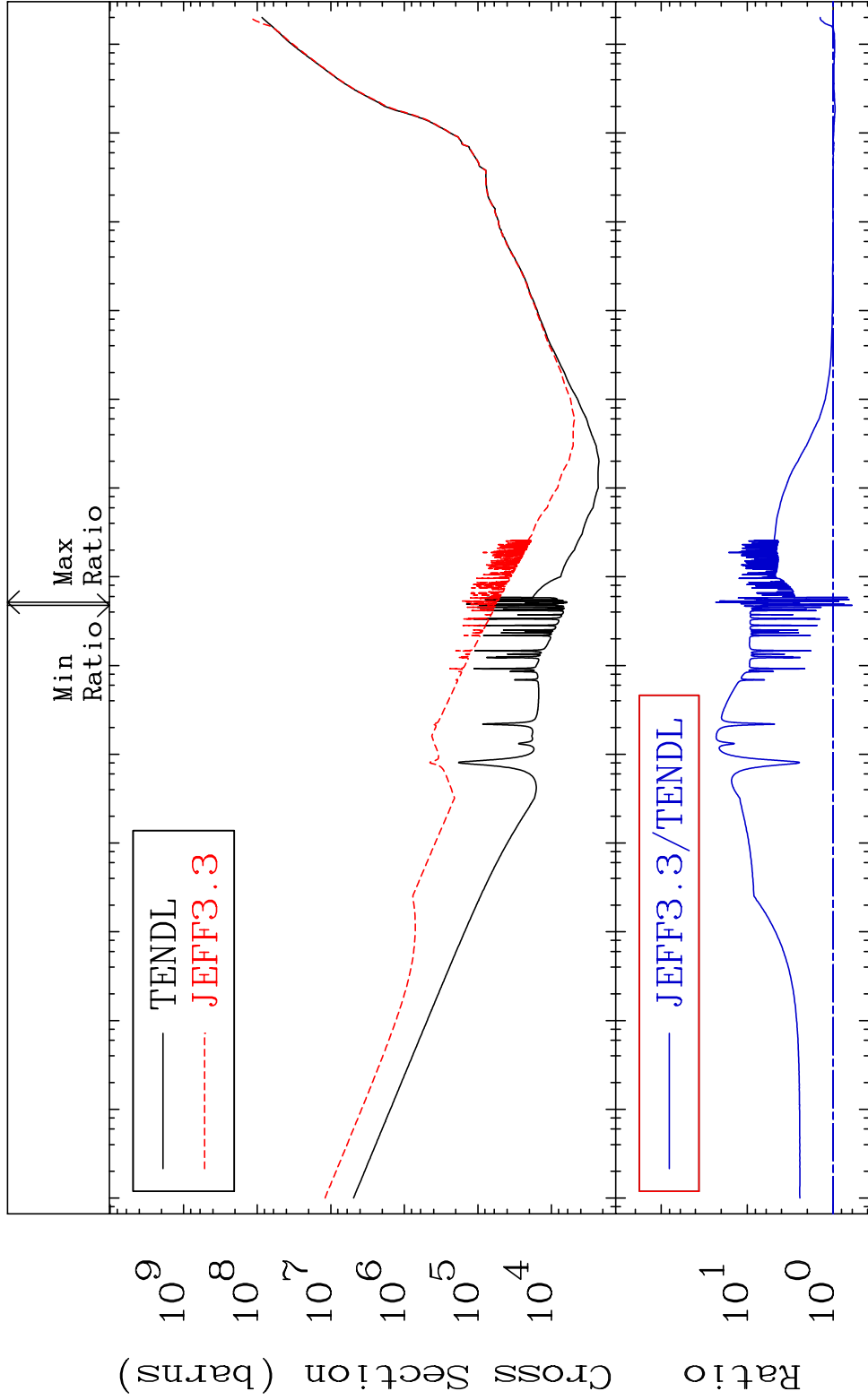
Incident Energy (eV)

70-Yb-169





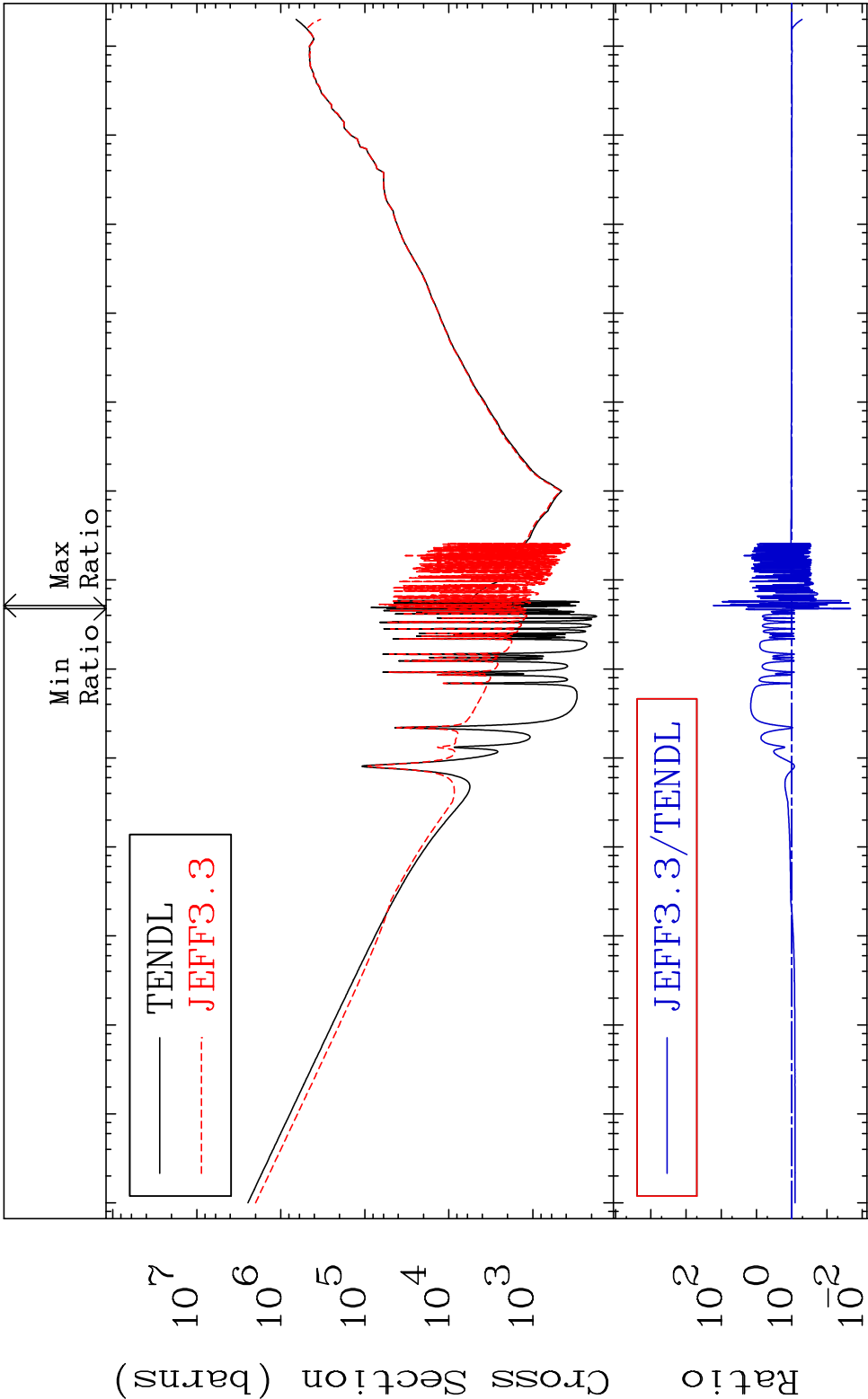
MAT 7028 Total kinematic kerma (high limit) 70-Yb-169
Cross Section -39.83 To 2224. %



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

75 Incident Energy (eV) 70-Yb-169

MAT 7028 Dpa total (eV-barns) 70-Yb-169
Cross Section -97.83 To 9999. %



76 Incident Energy (eV) 70-Yb-169

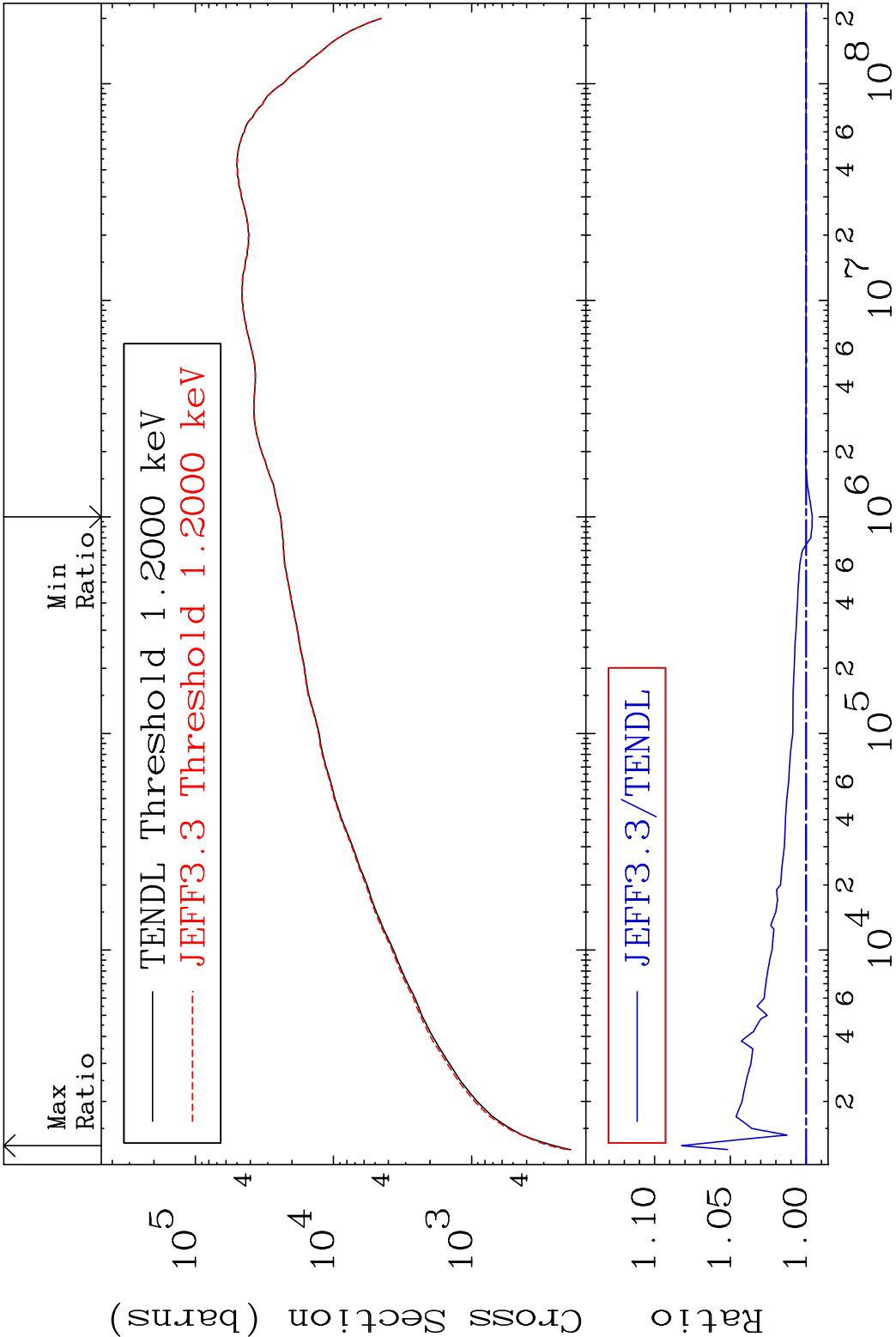
MAT 7028

Dpa elastic (mt2)

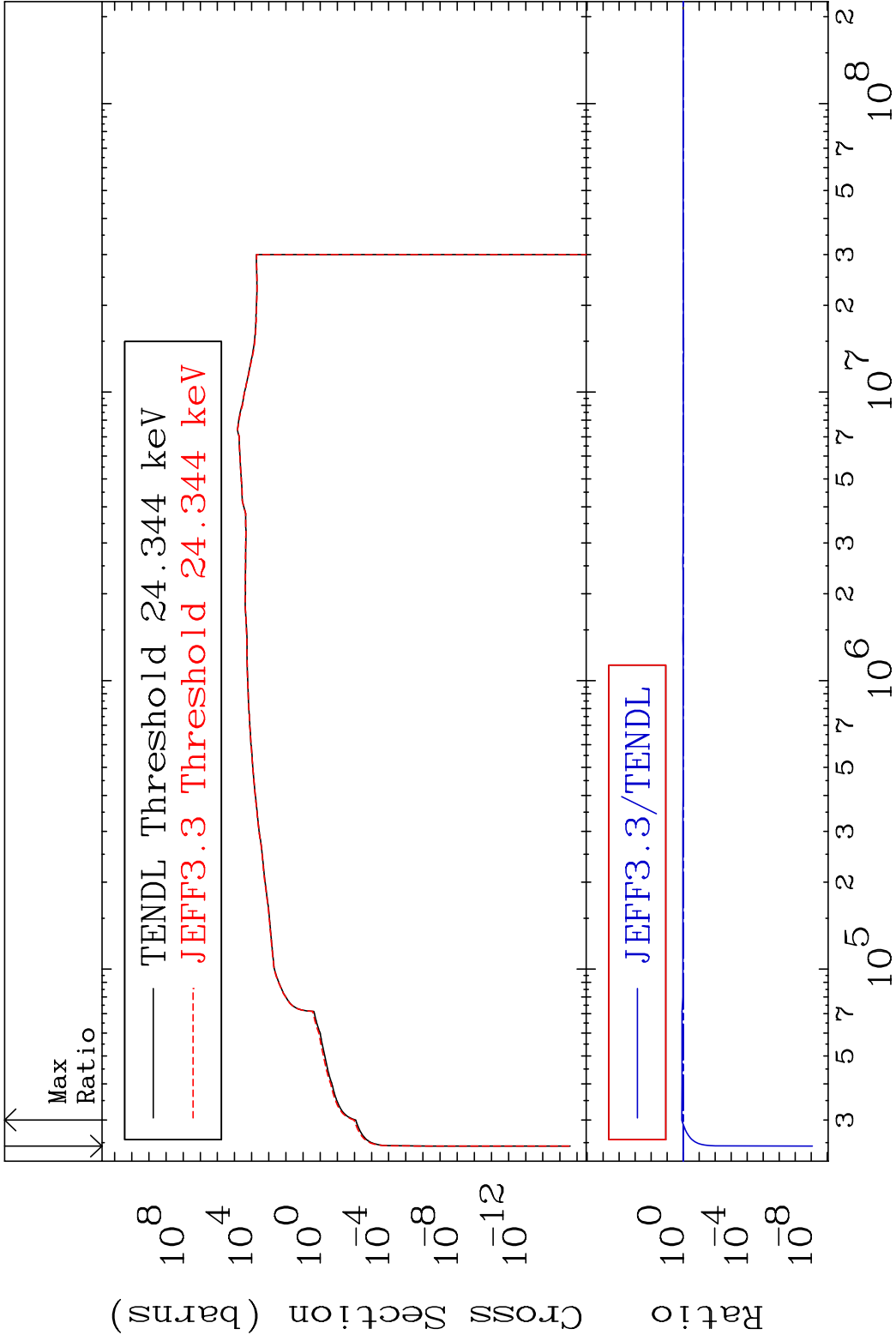
70-Yb-169

Cross Section

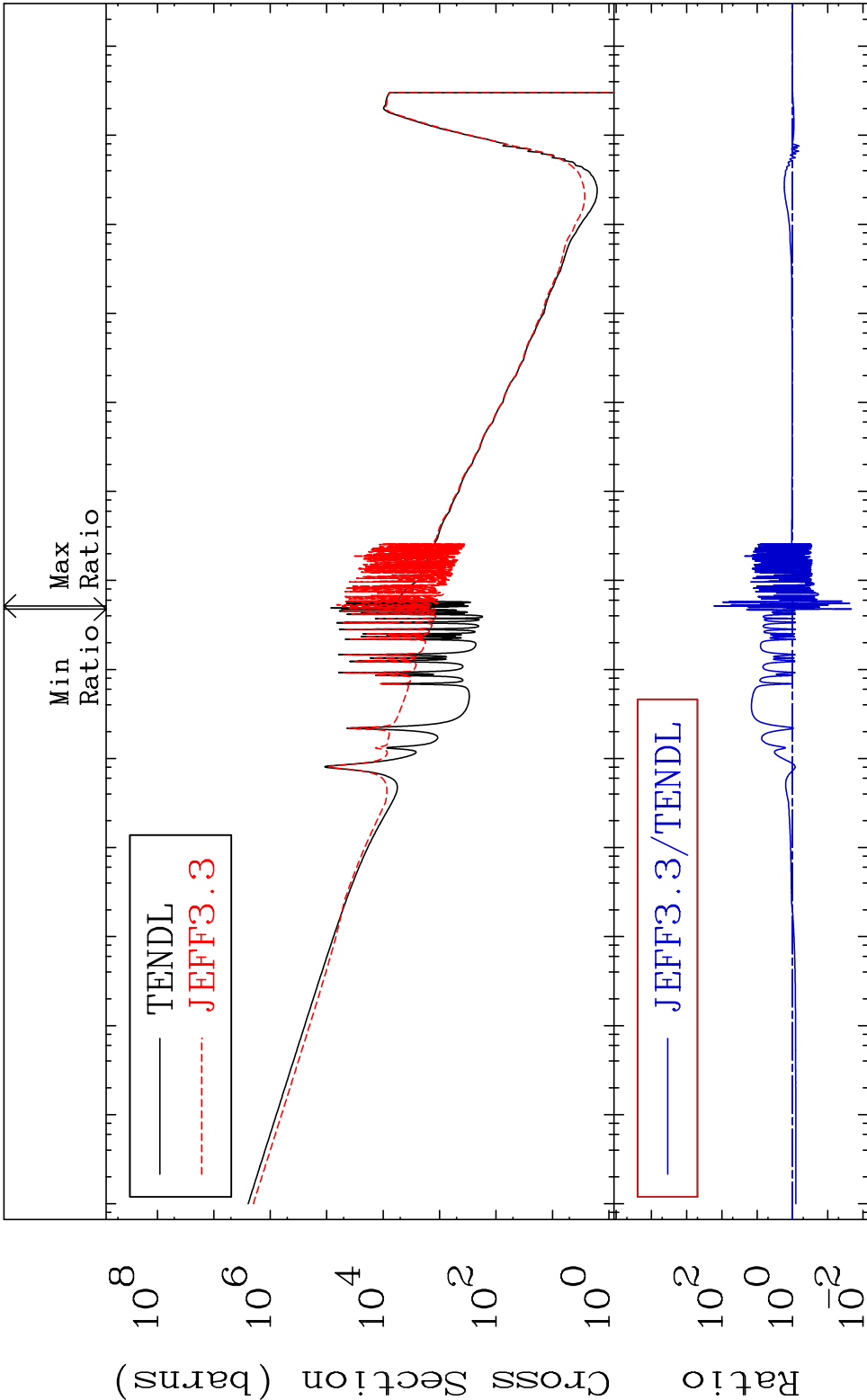
-0.398 To 8.221 %



MAT 7028 Dpa inelastic (mt51-91) 70-Yb-169
Cross Section -100.0 To 22.72 %

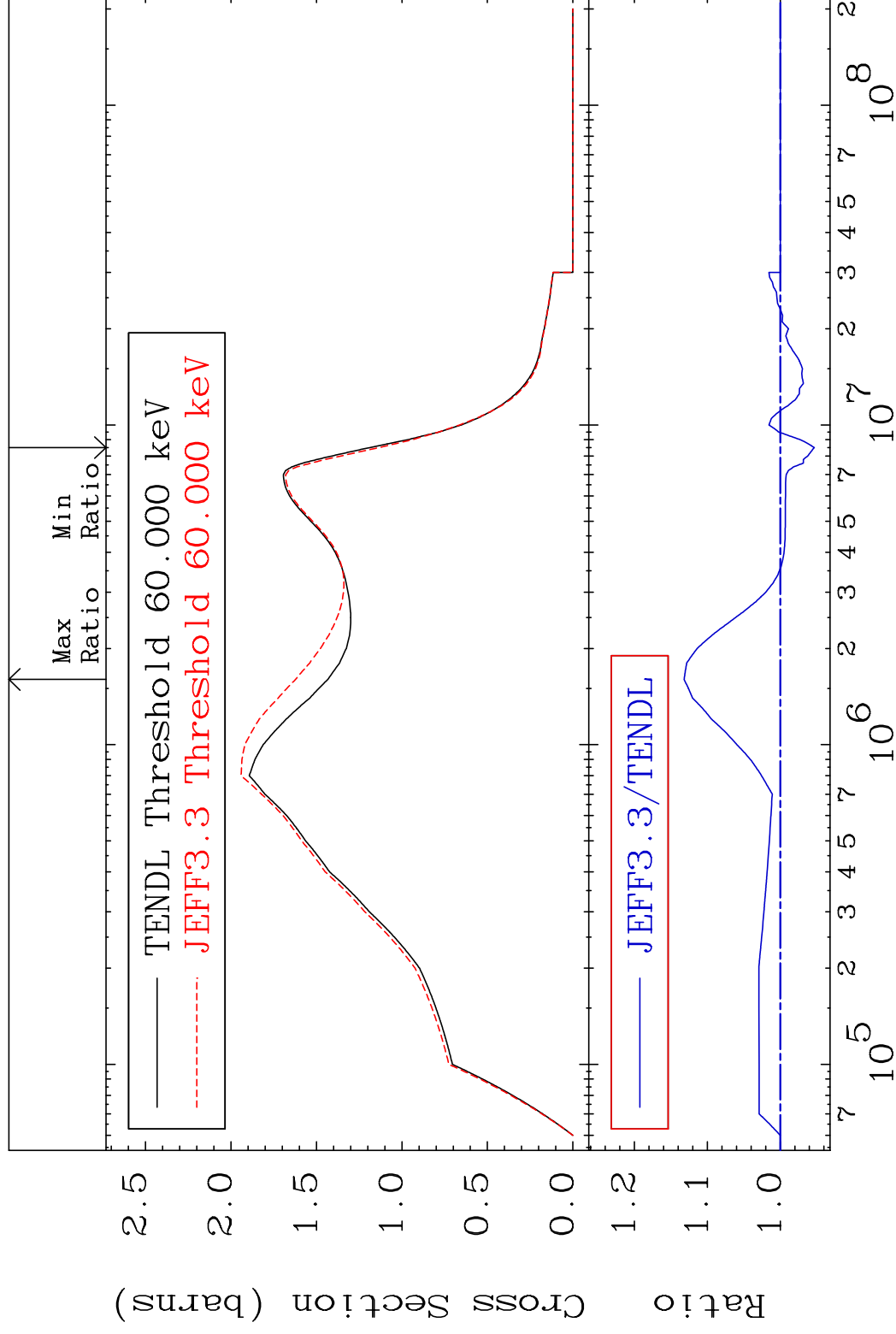


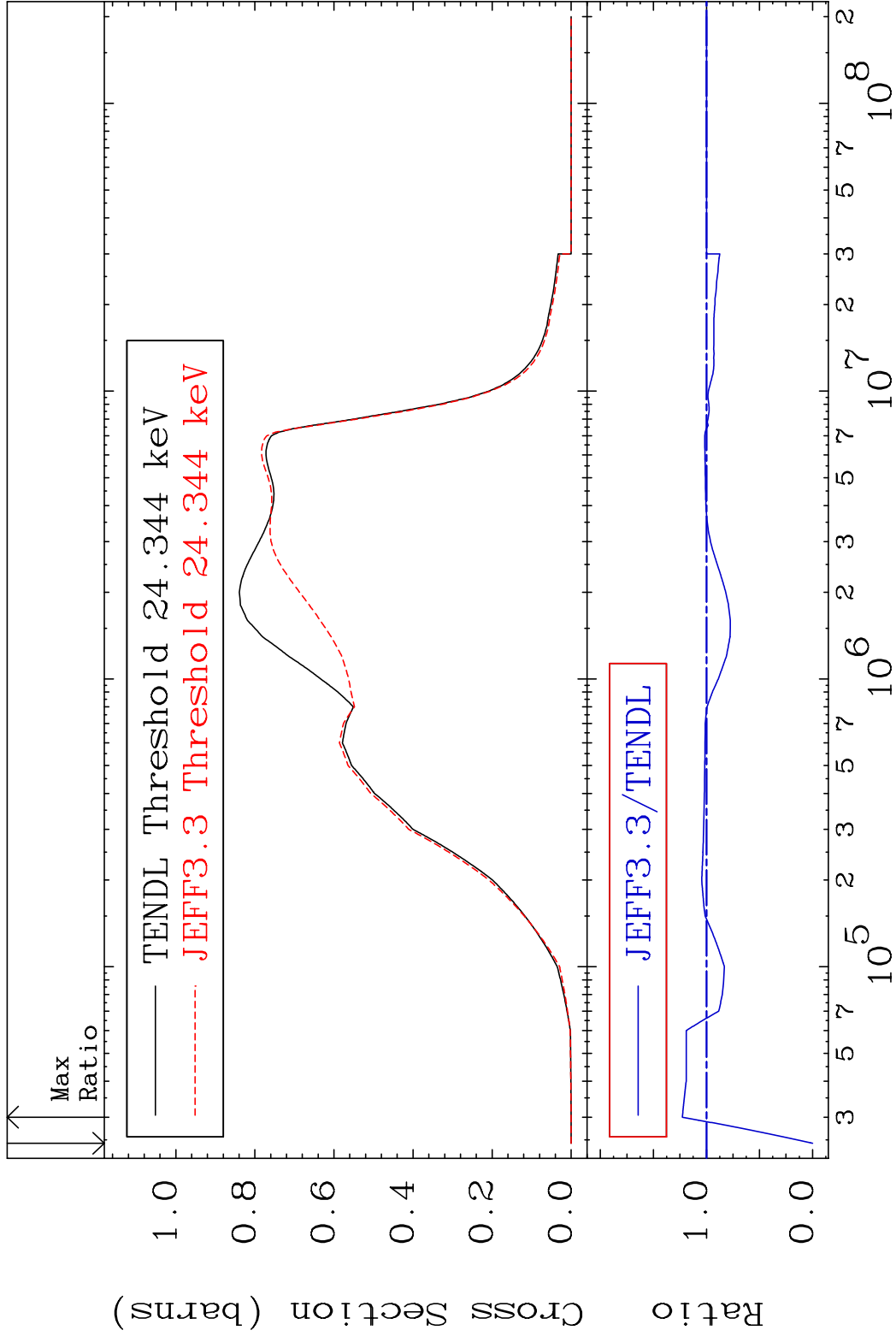
MAT 7028 Dpa disappearance (mt102 -120) 70-Yb-169
Cross Section -97.83 To 9999. %

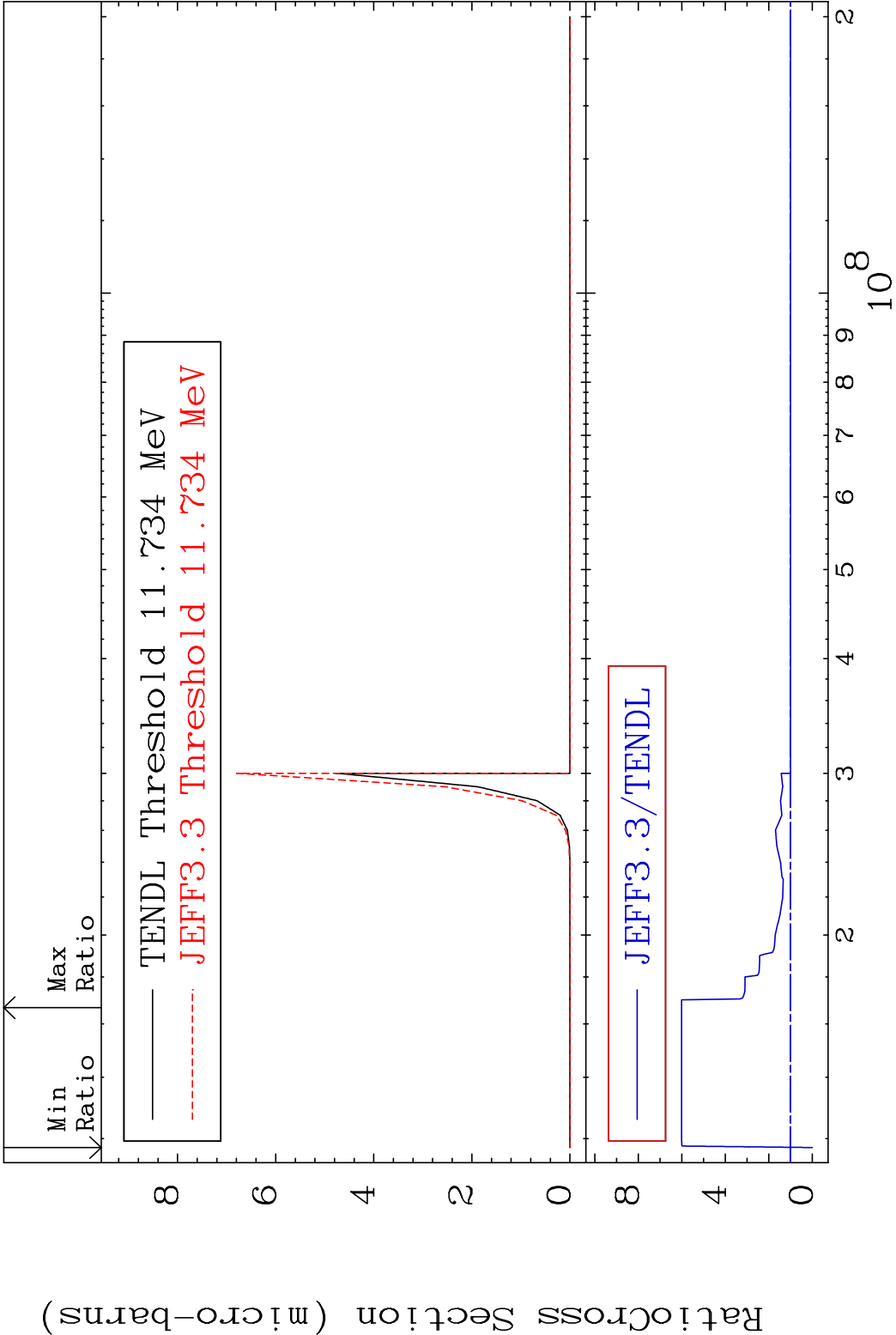


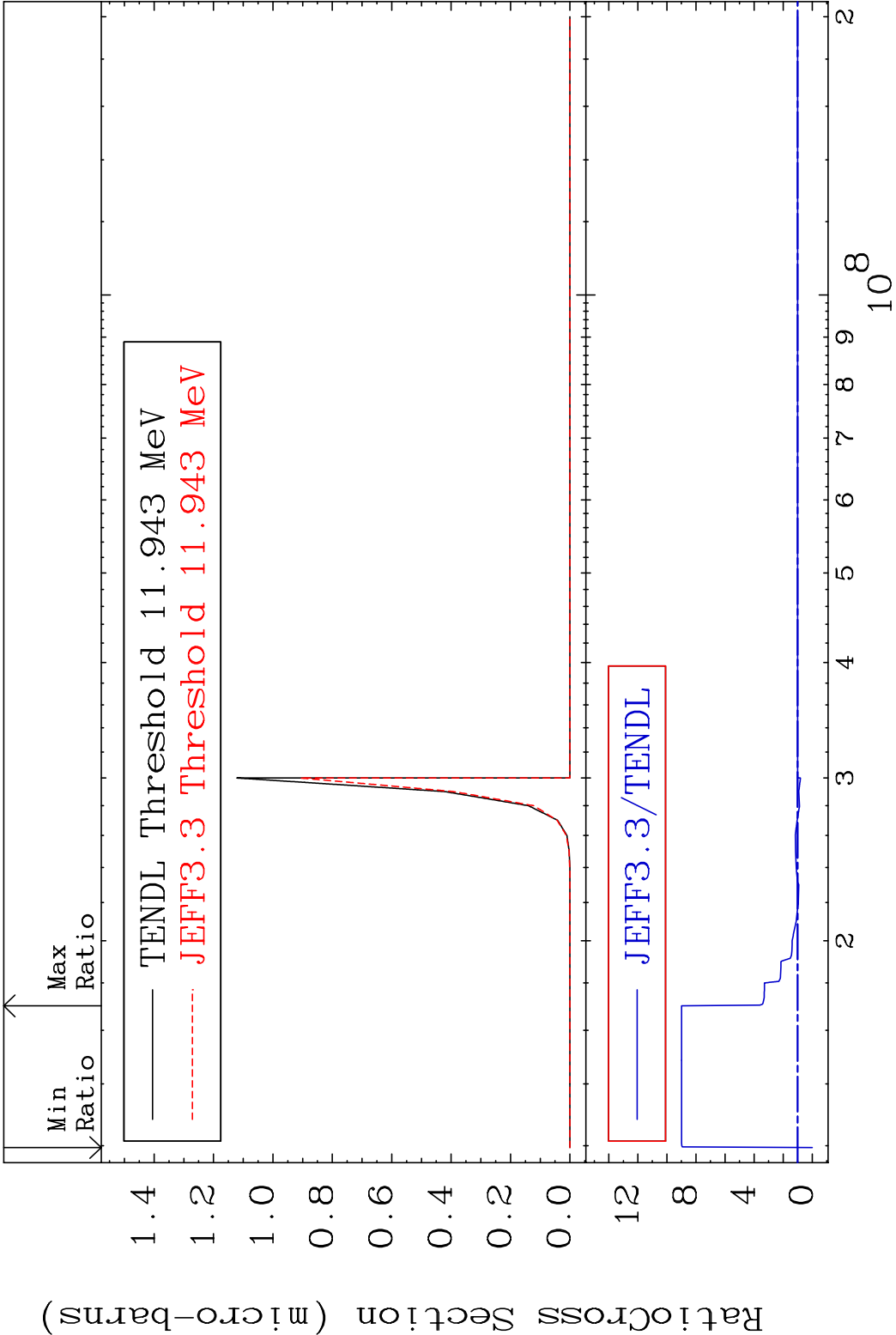
79 Incident Energy (eV) 70-Yb-169

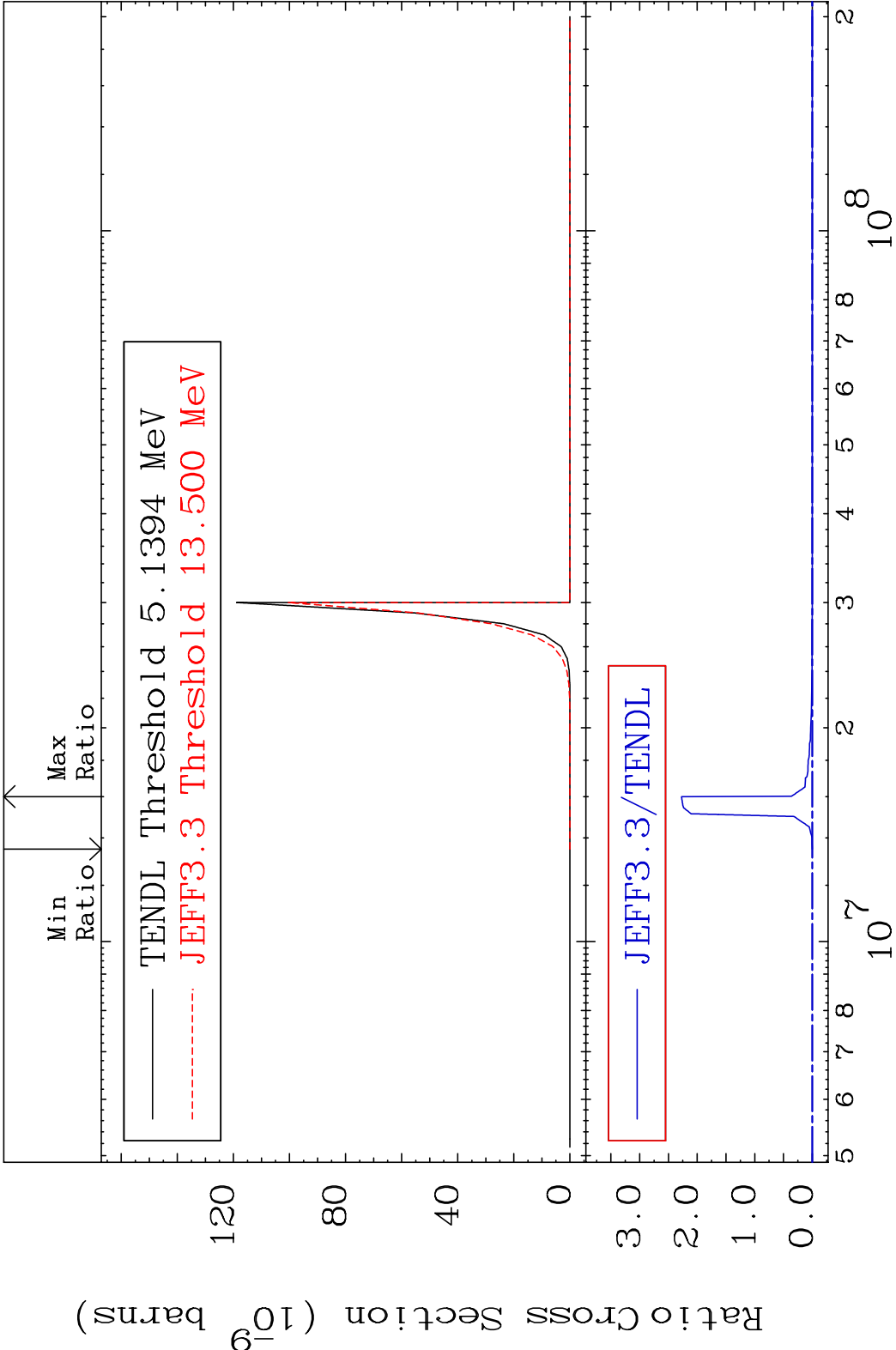
Radionuclide	Production Cross-Section	Decay	Half-life	Activity
^{238}Pu	13.19 %	α	4.5 d	4.5 d











Radionuclide Production Cross-Section 1999. %

