

Program Complot
(Version 2021-1)

by

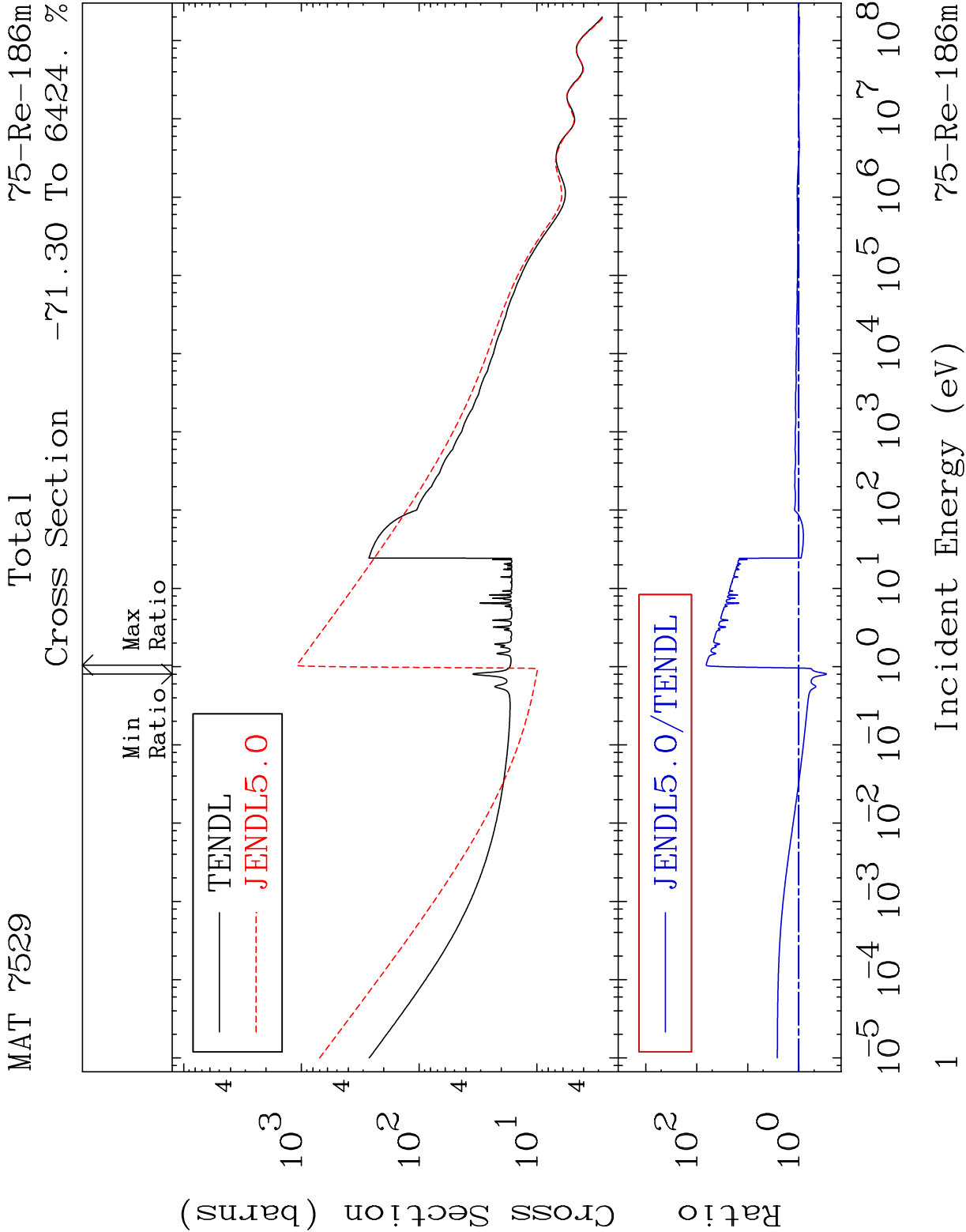
Dermott E. Cullen
(Present Contact Information)

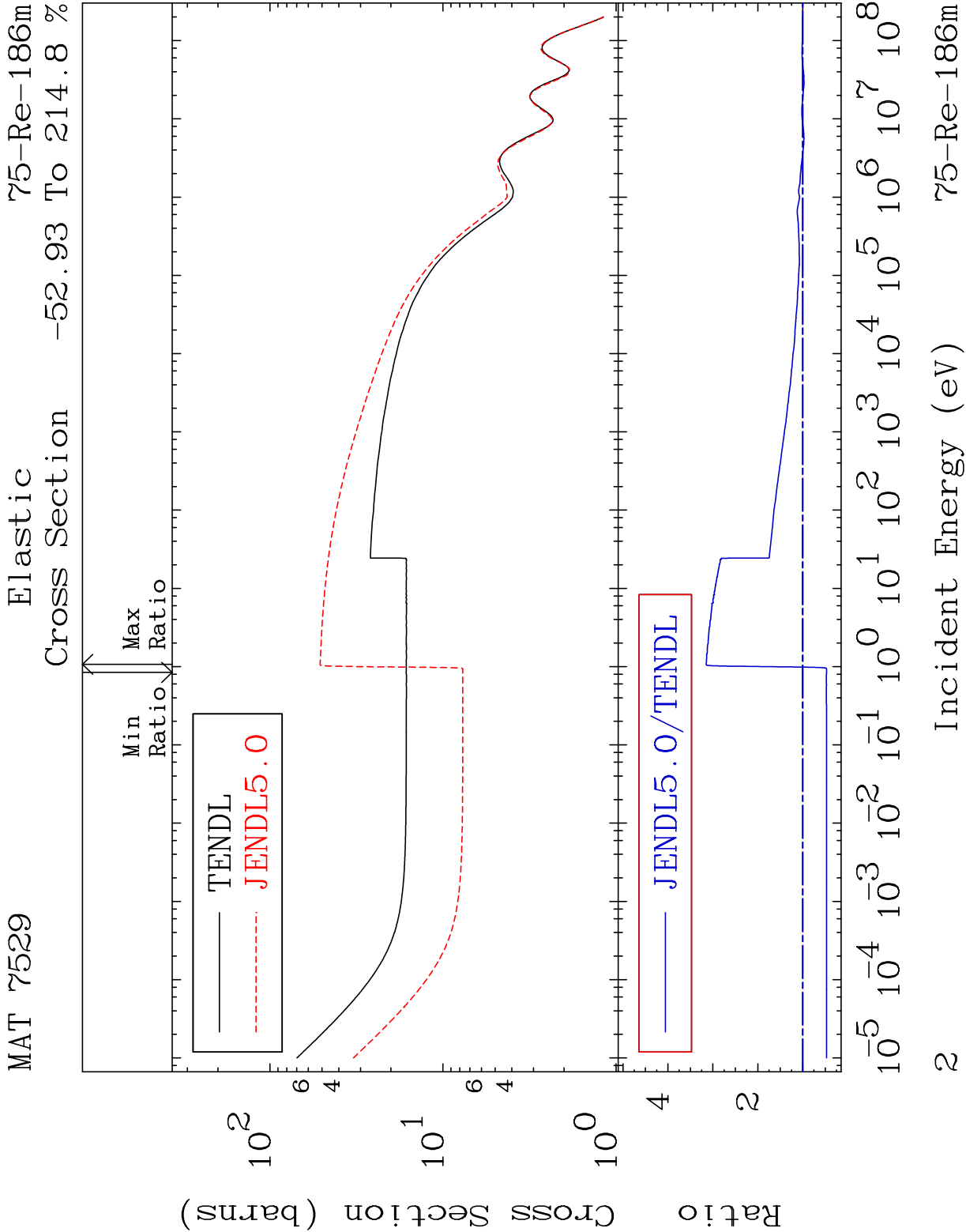
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

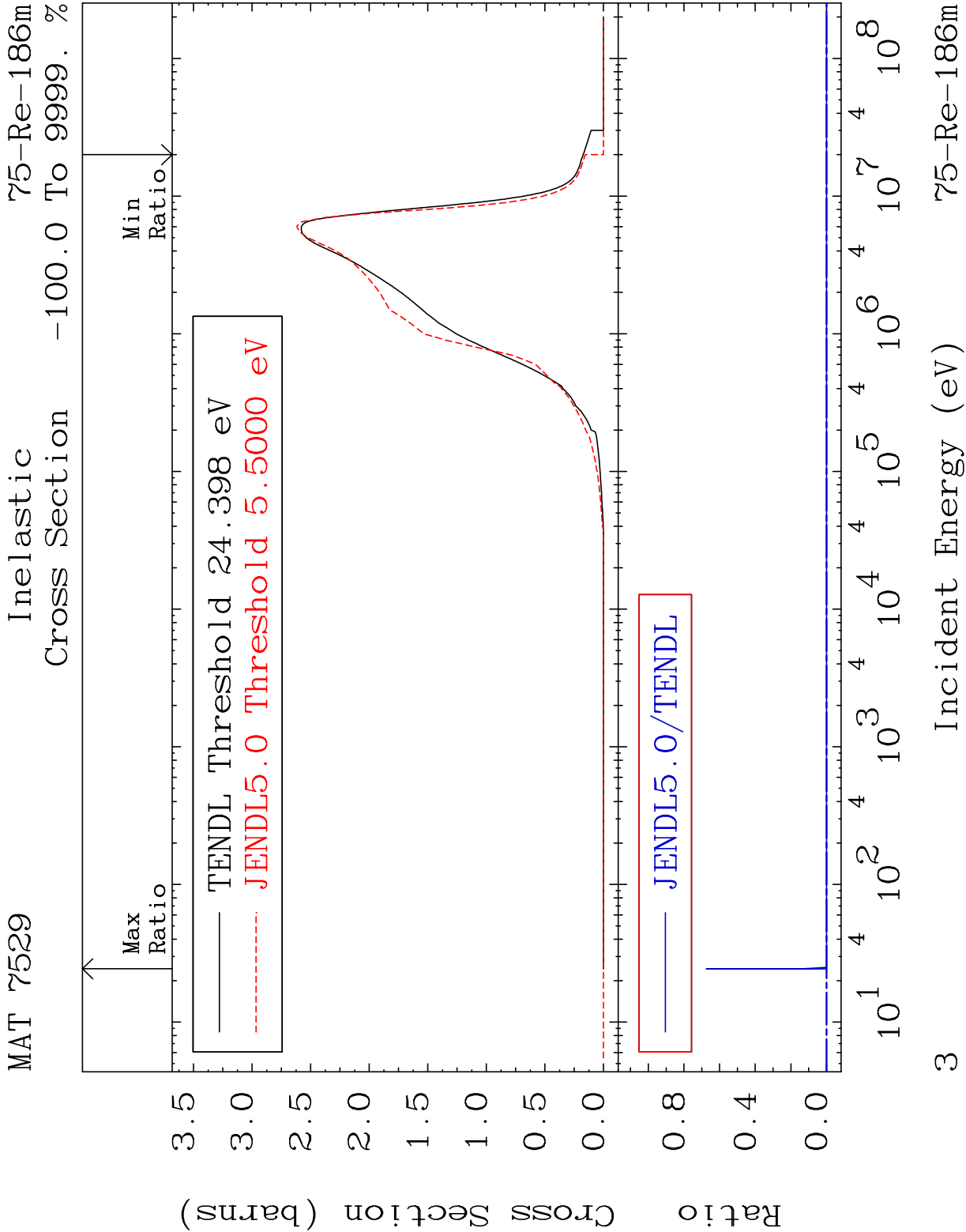
Tele: 925-443-1911

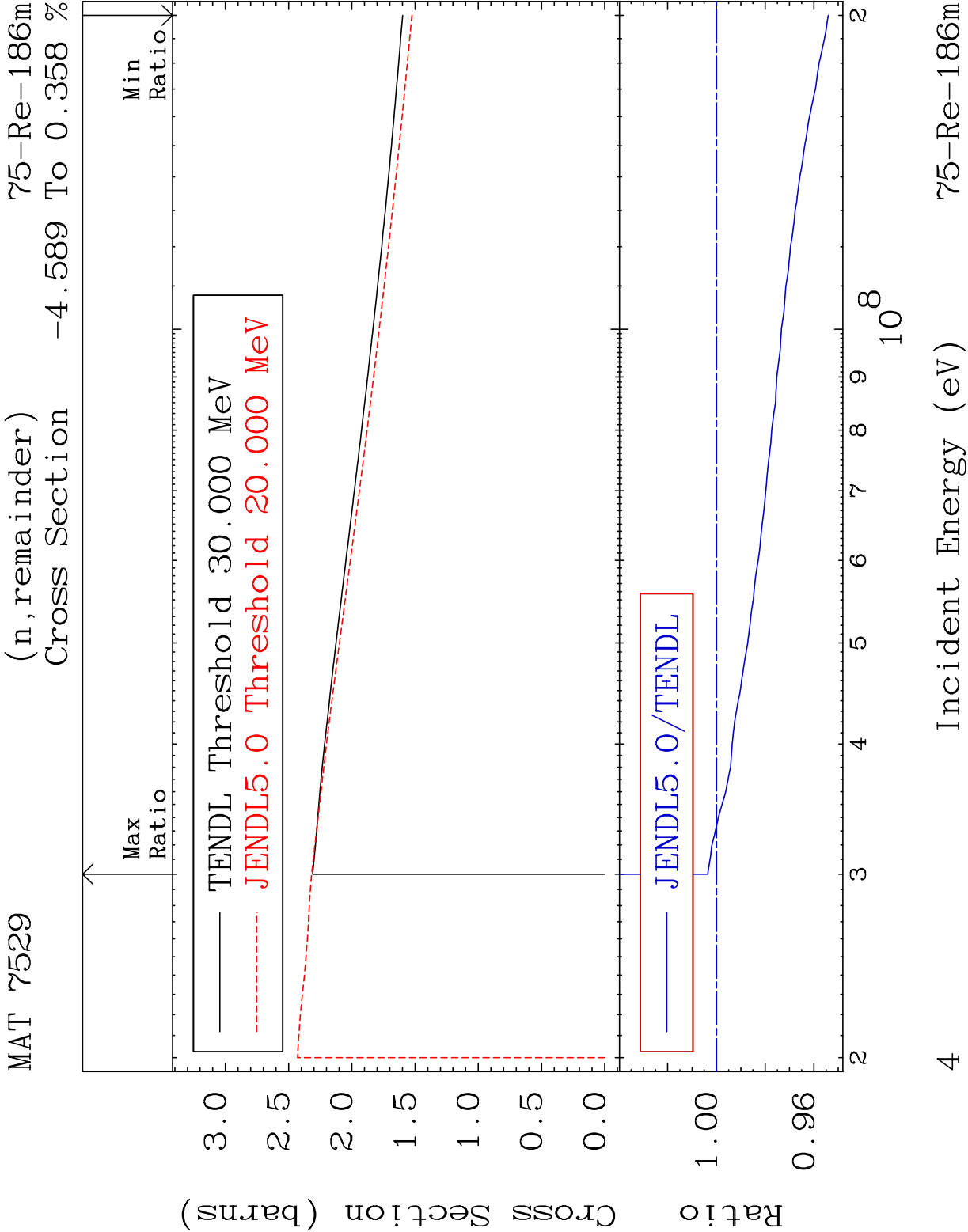
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start







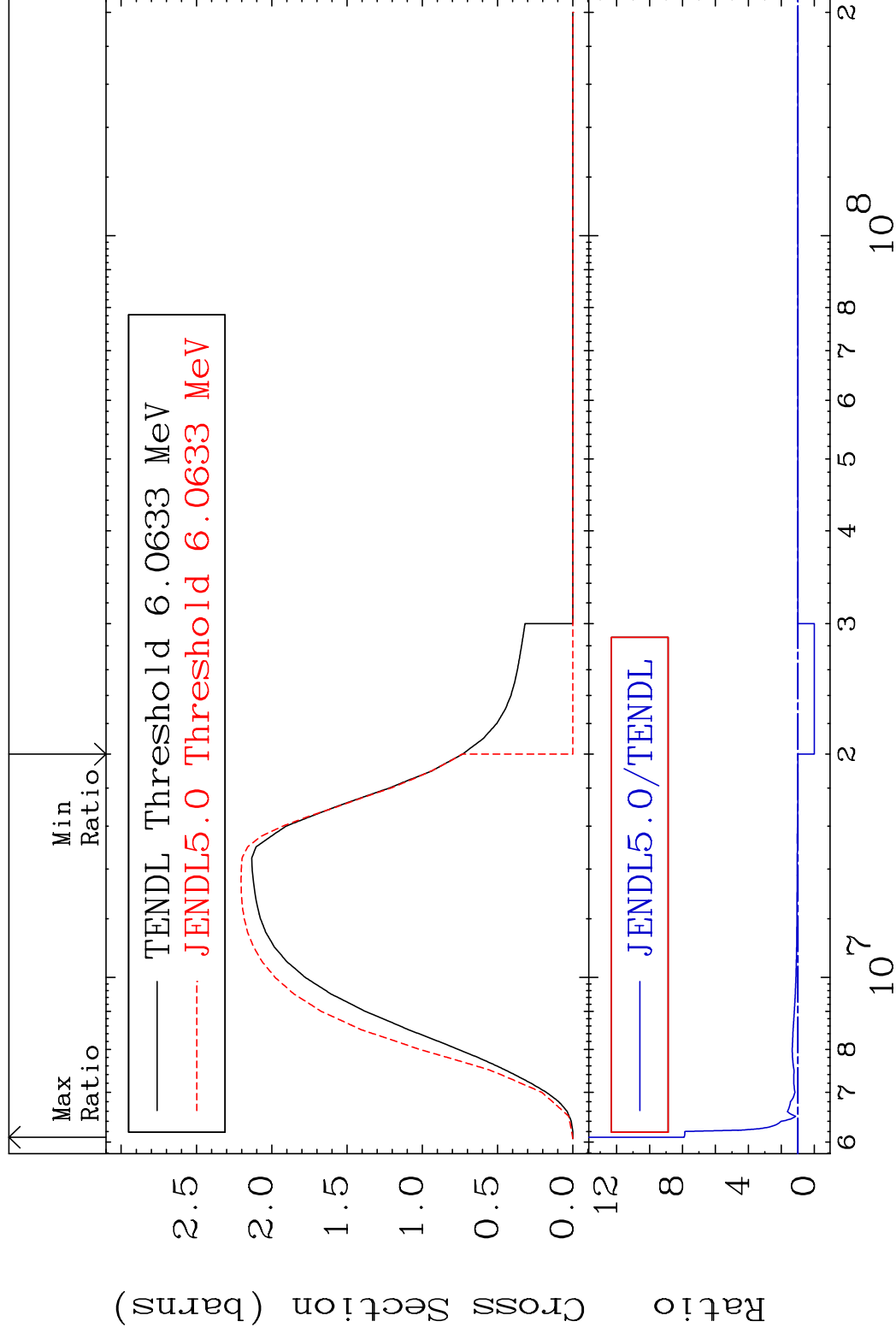


MAT 7529

$$(n, 2n)$$

75-Re-186m

Cross Section -100.0 To 690.6 %



TENDL Threshold 6.0633 MeV

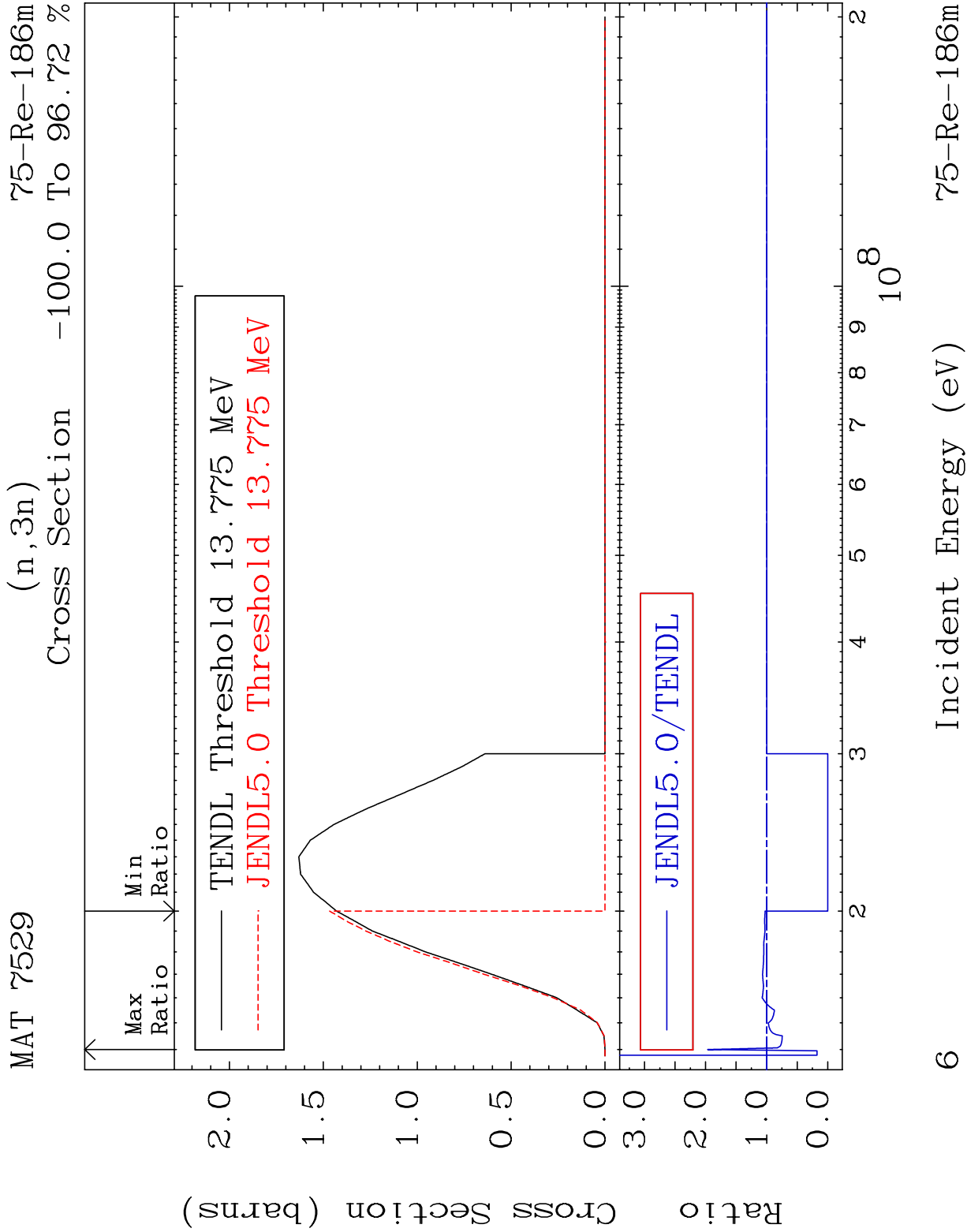
----- JENDL5.0 Threshold 6.0633 MeV

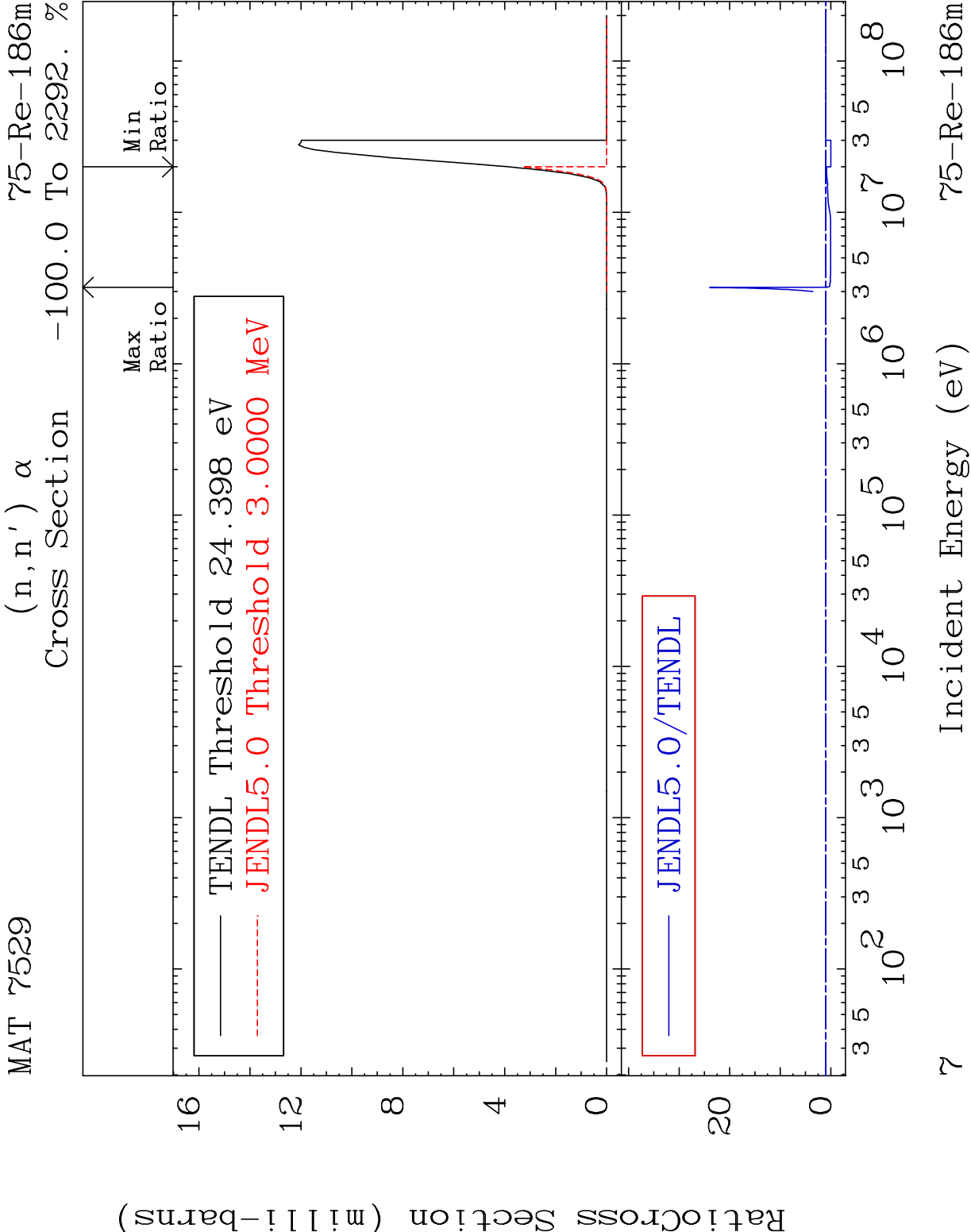
— JENDL5.0/TENDL

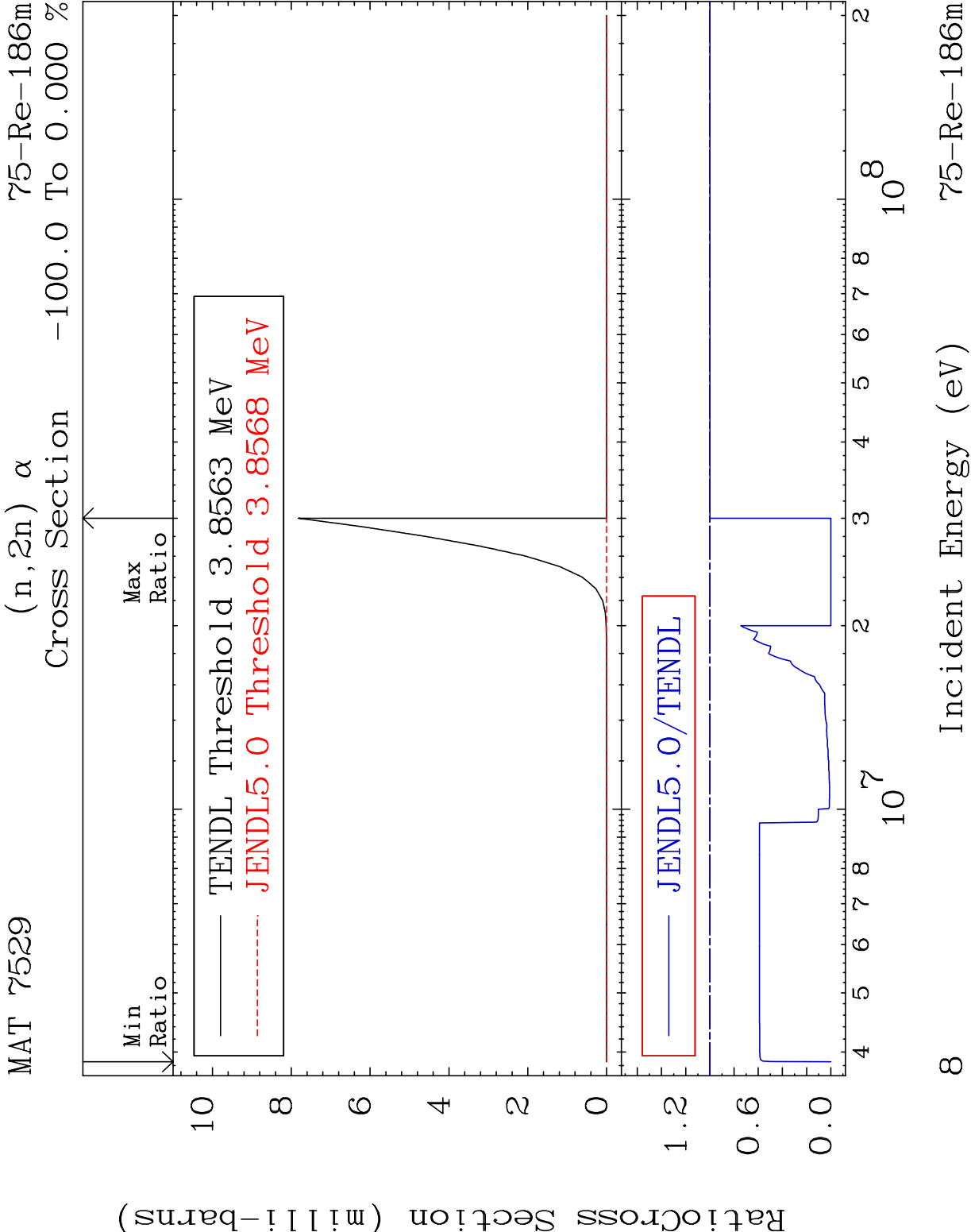
5

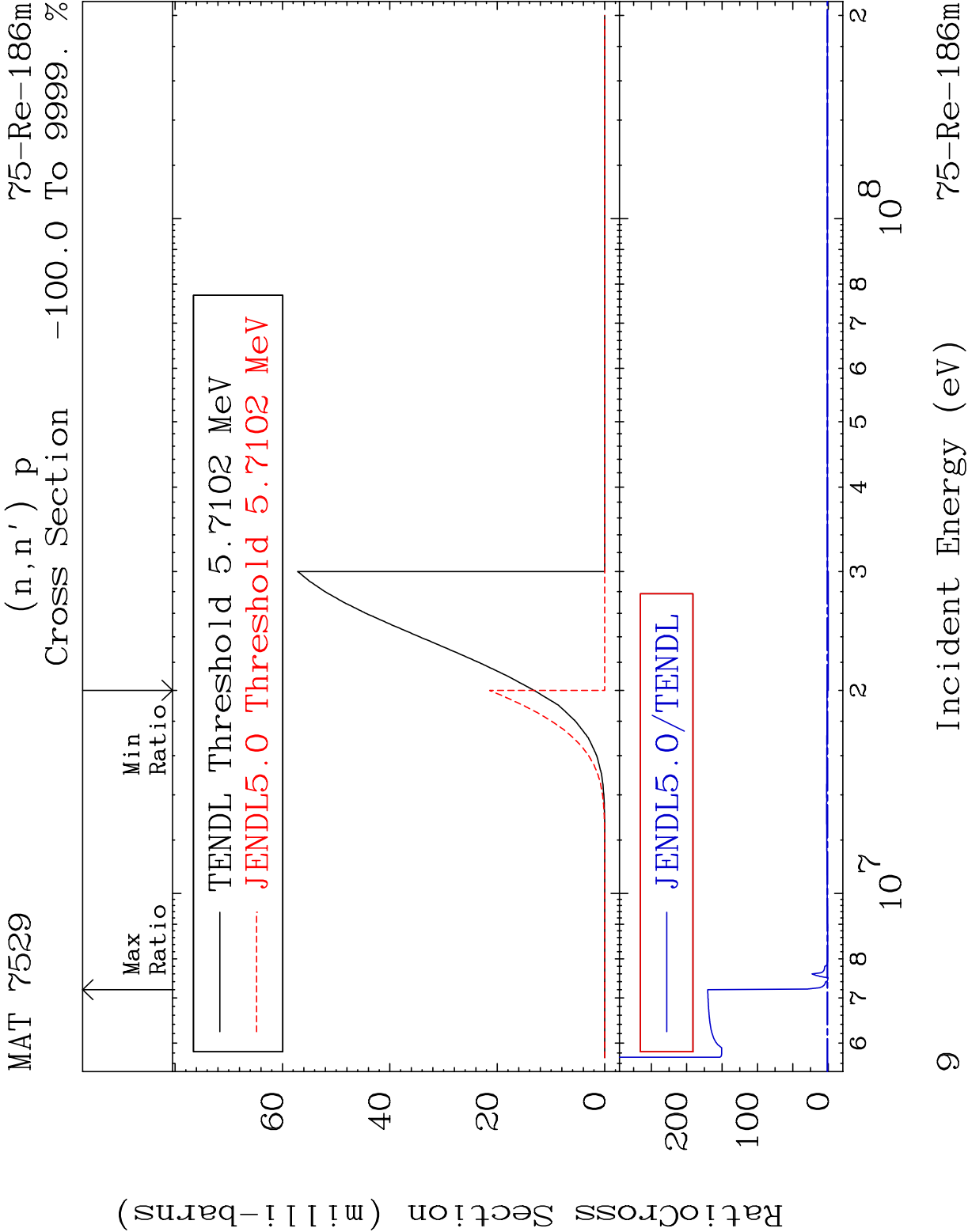
Incident Energy (eV)

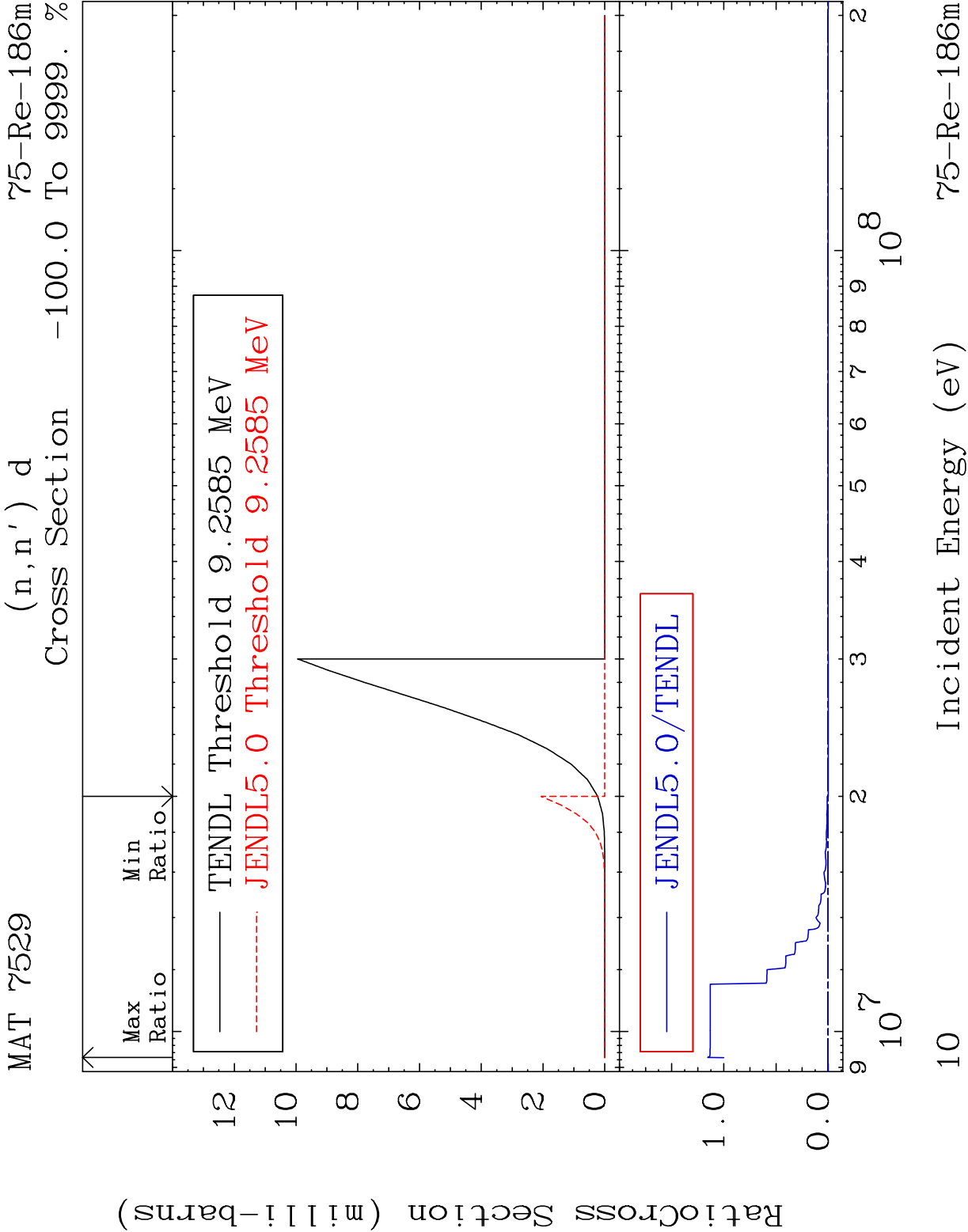
75-Re-186m

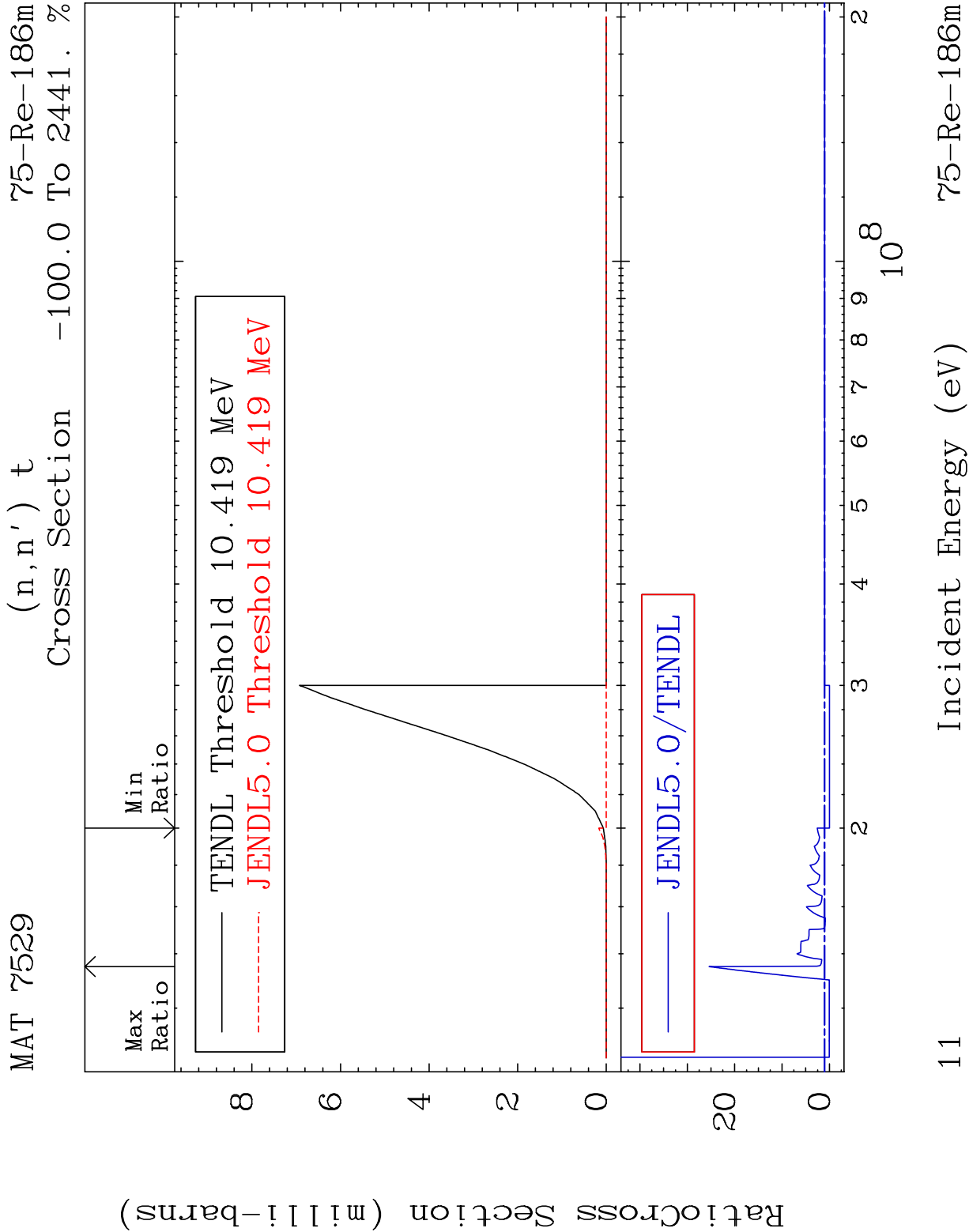


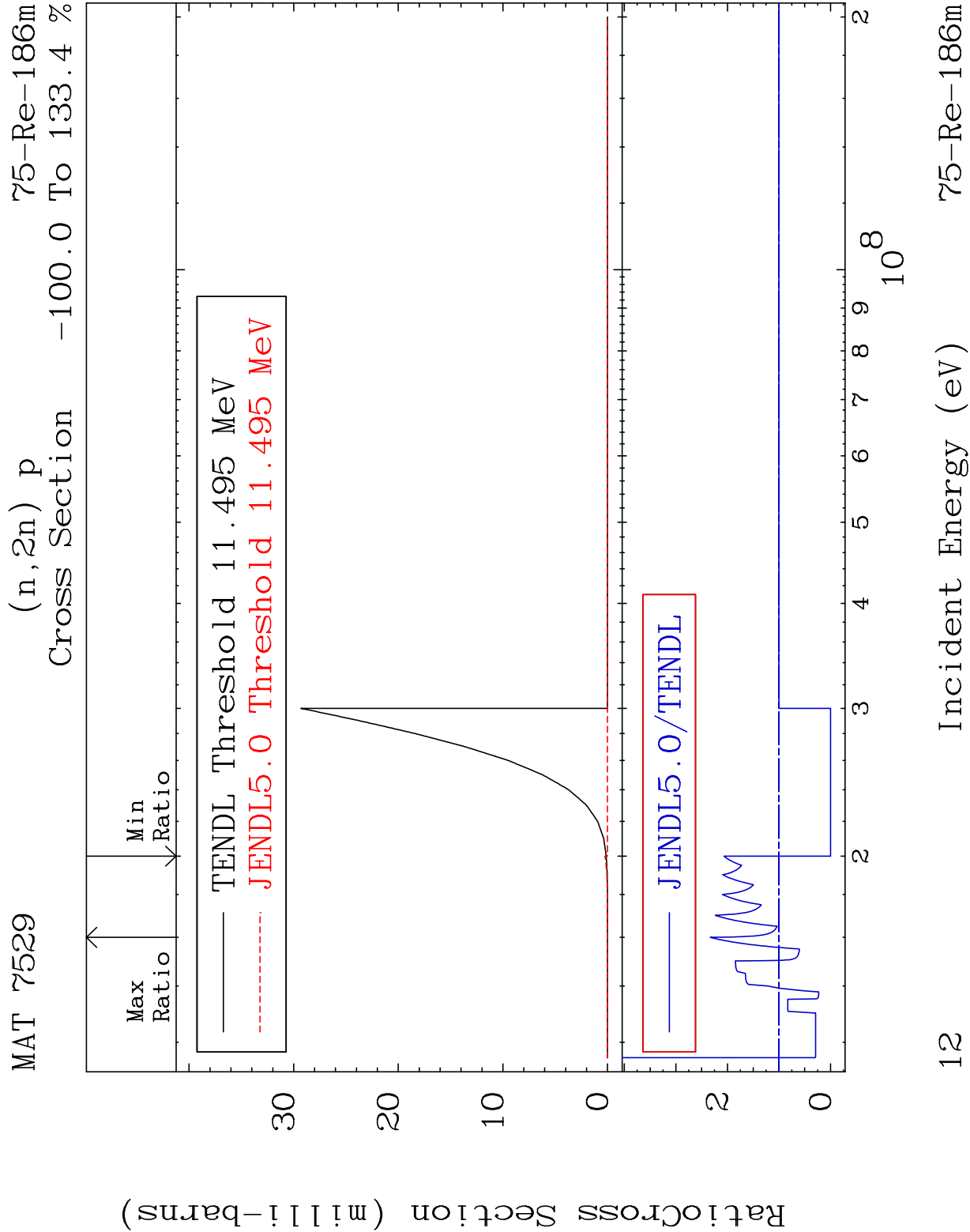


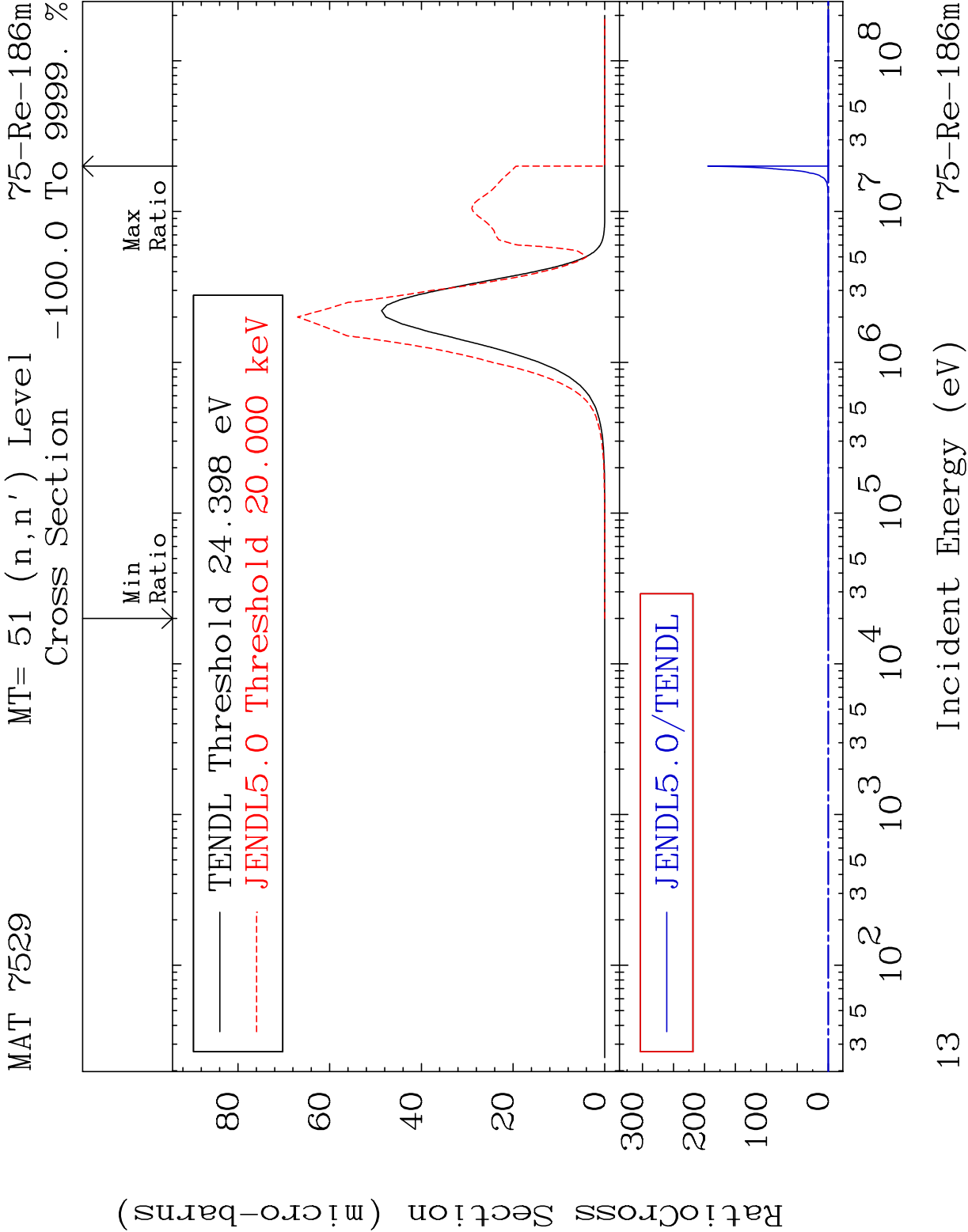


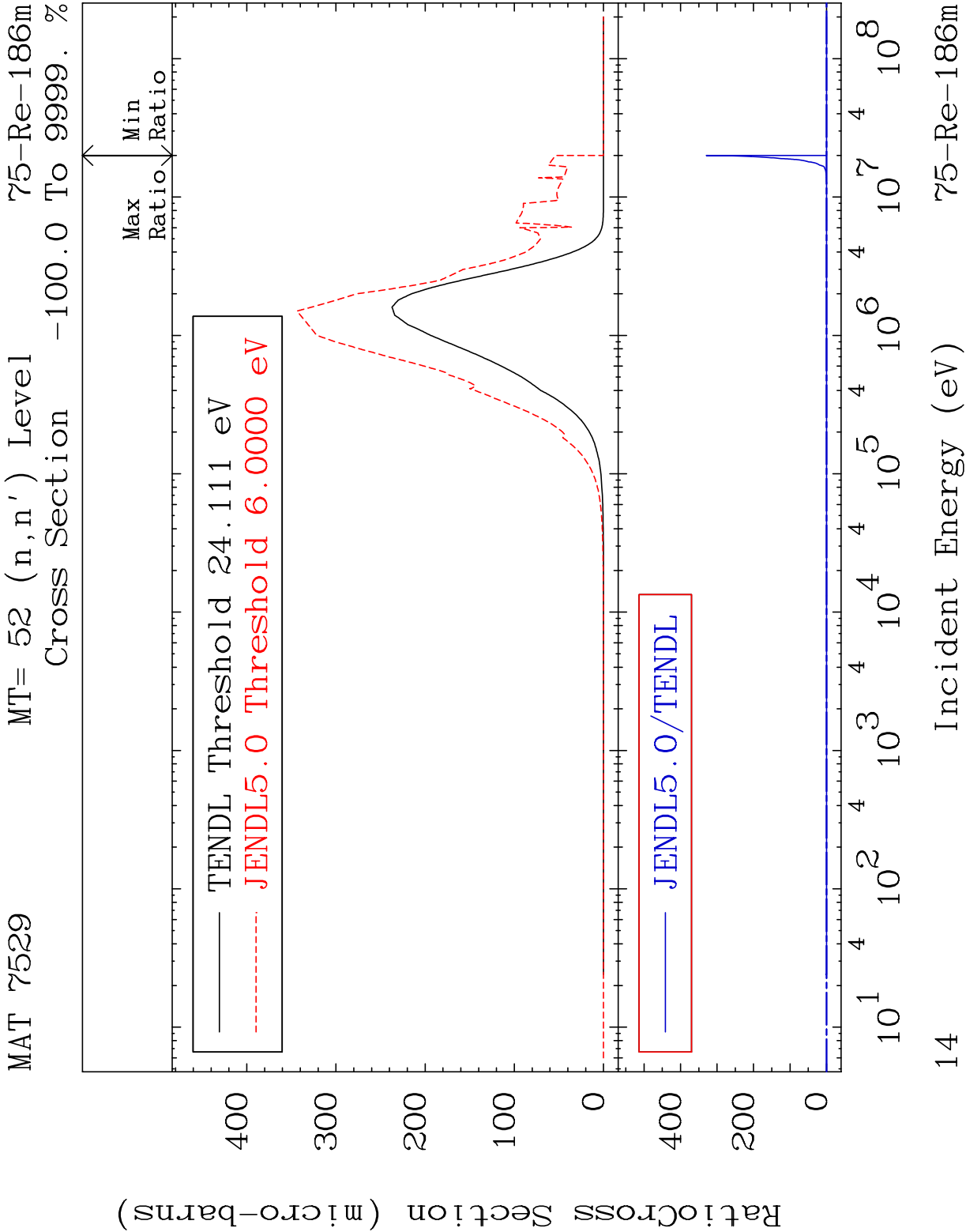




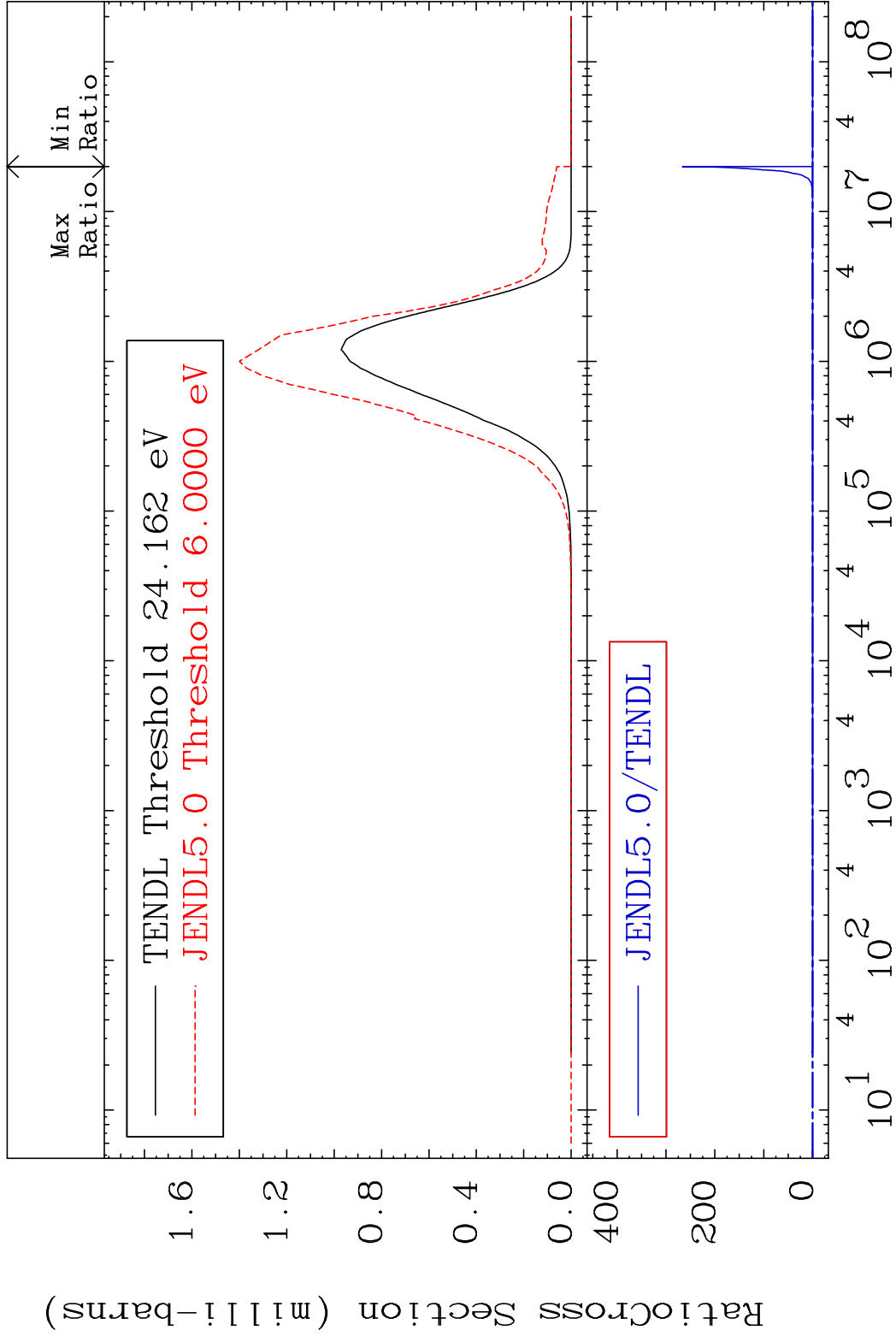


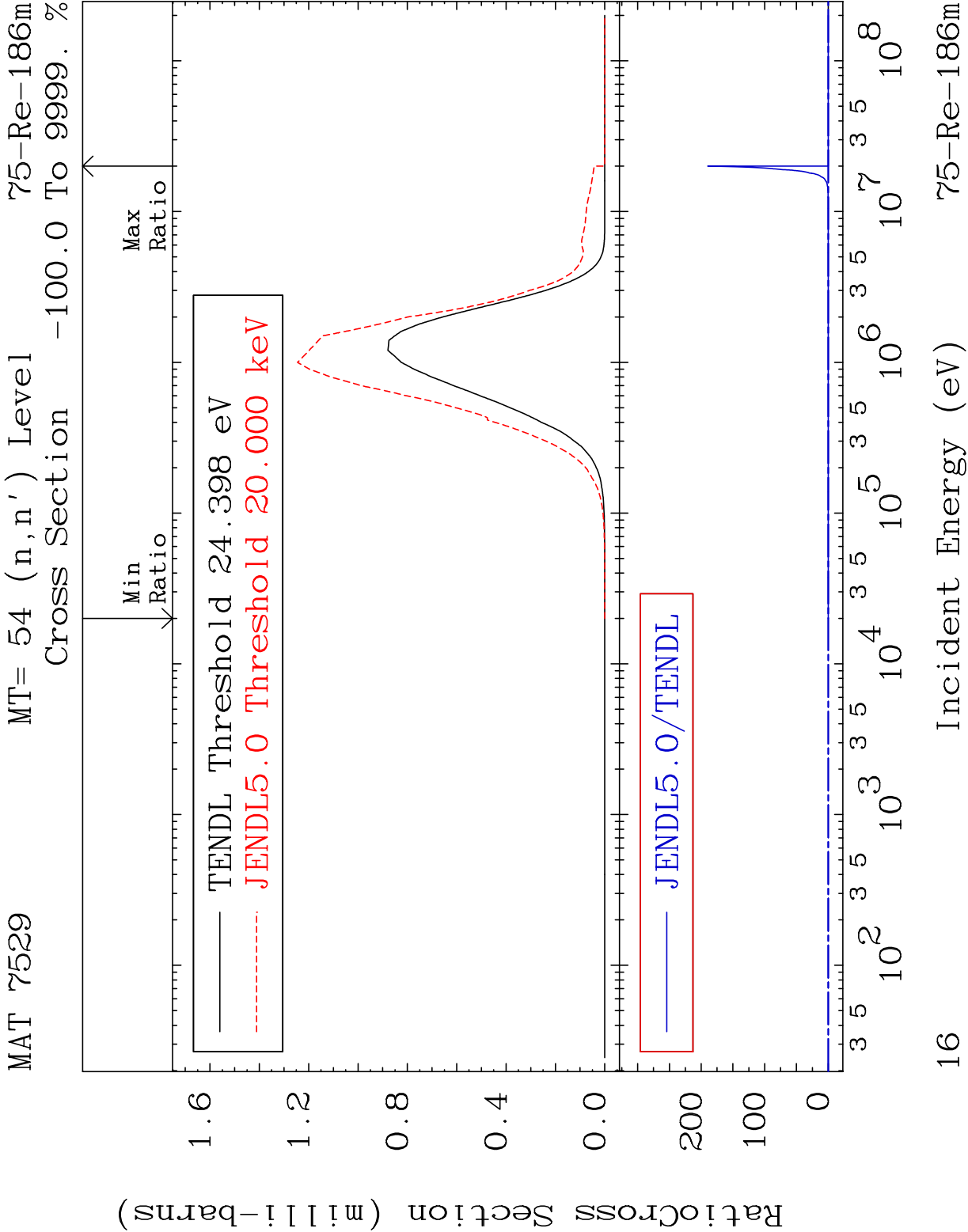




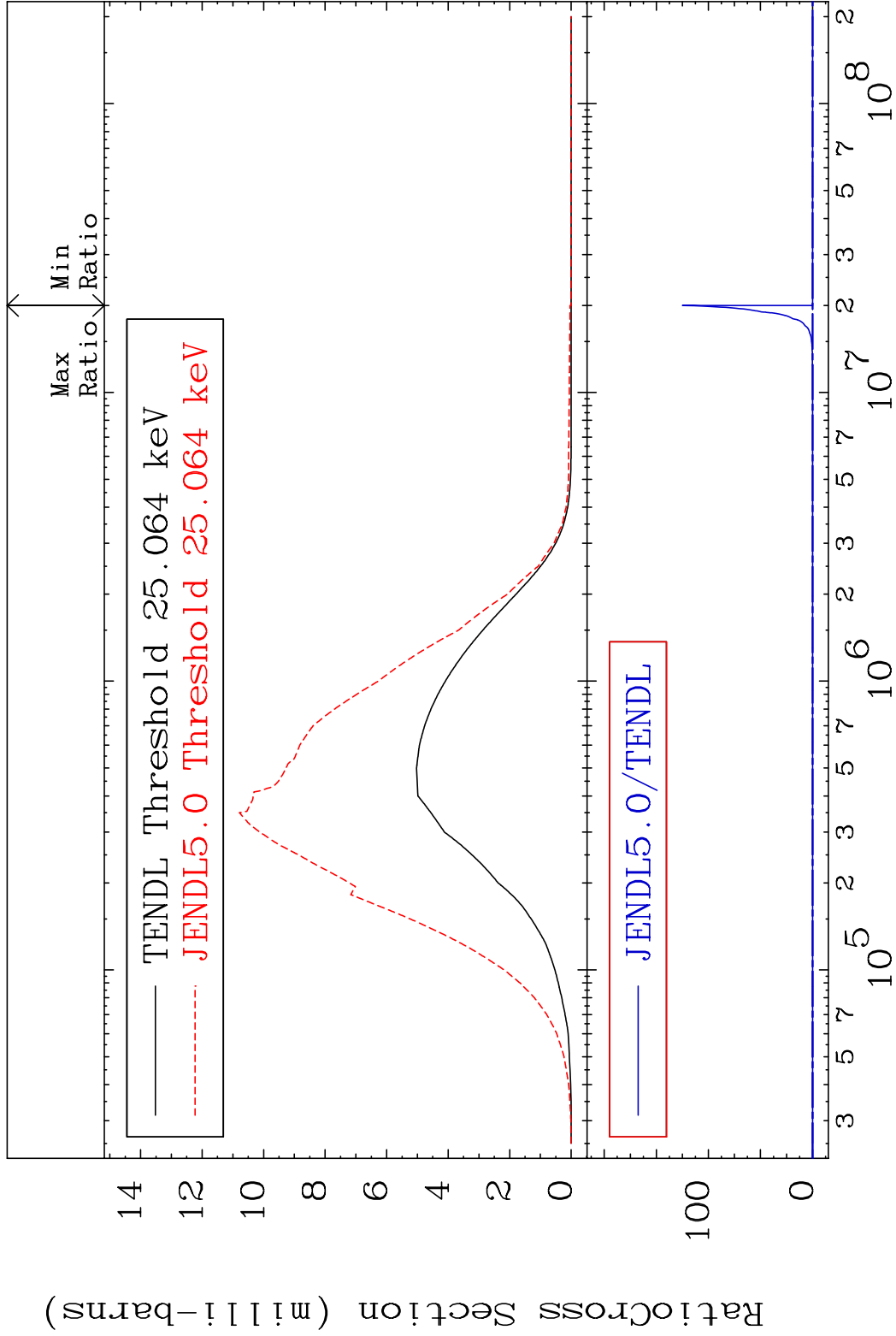


MAT 7529 MT= 53 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %



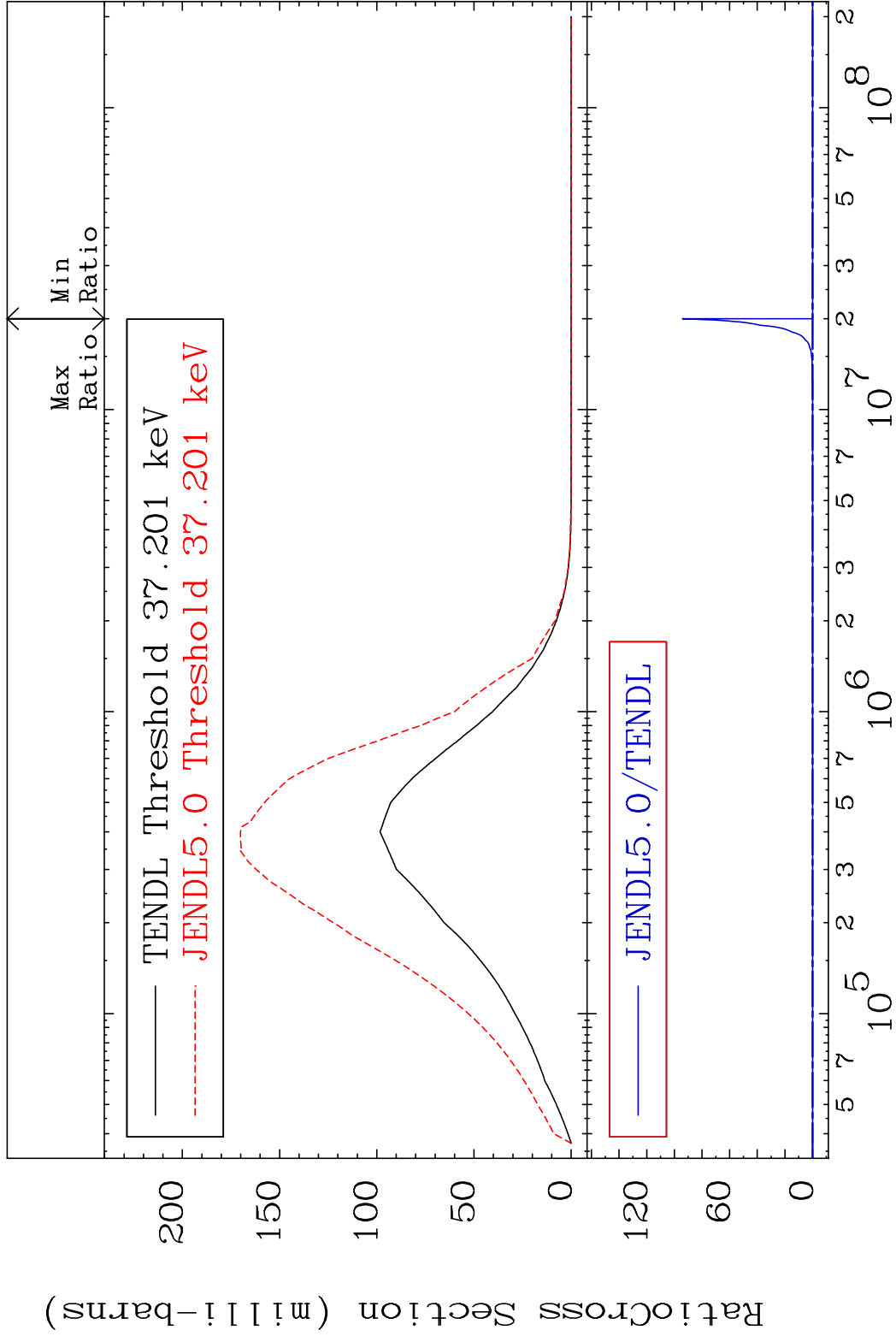


MAT 7529 MT= 55 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %

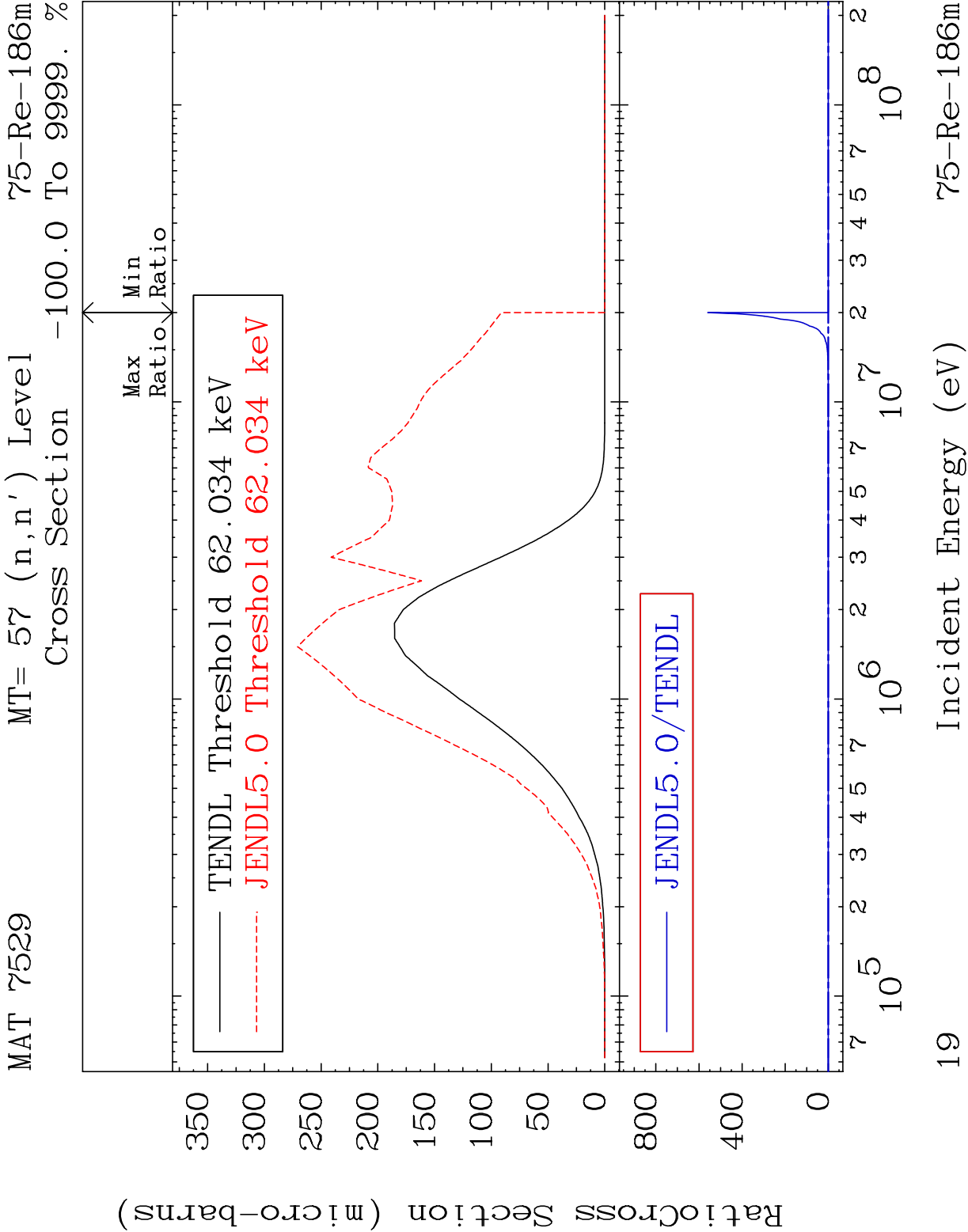


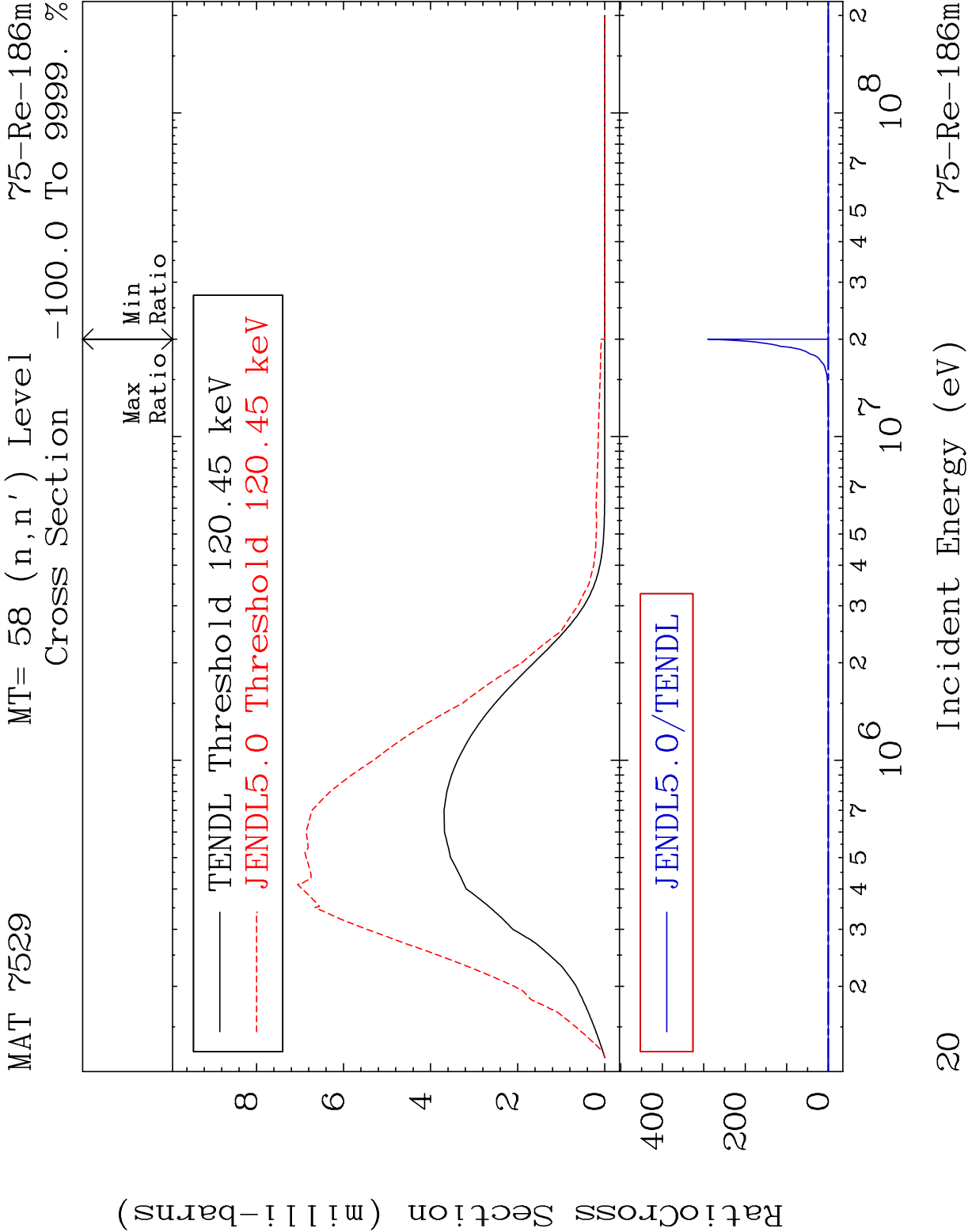
17 Incident Energy (eV) 75-Re-186m

MAT 7529 MT= 56 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %



18 Incident Energy (eV) 75-Re-186m



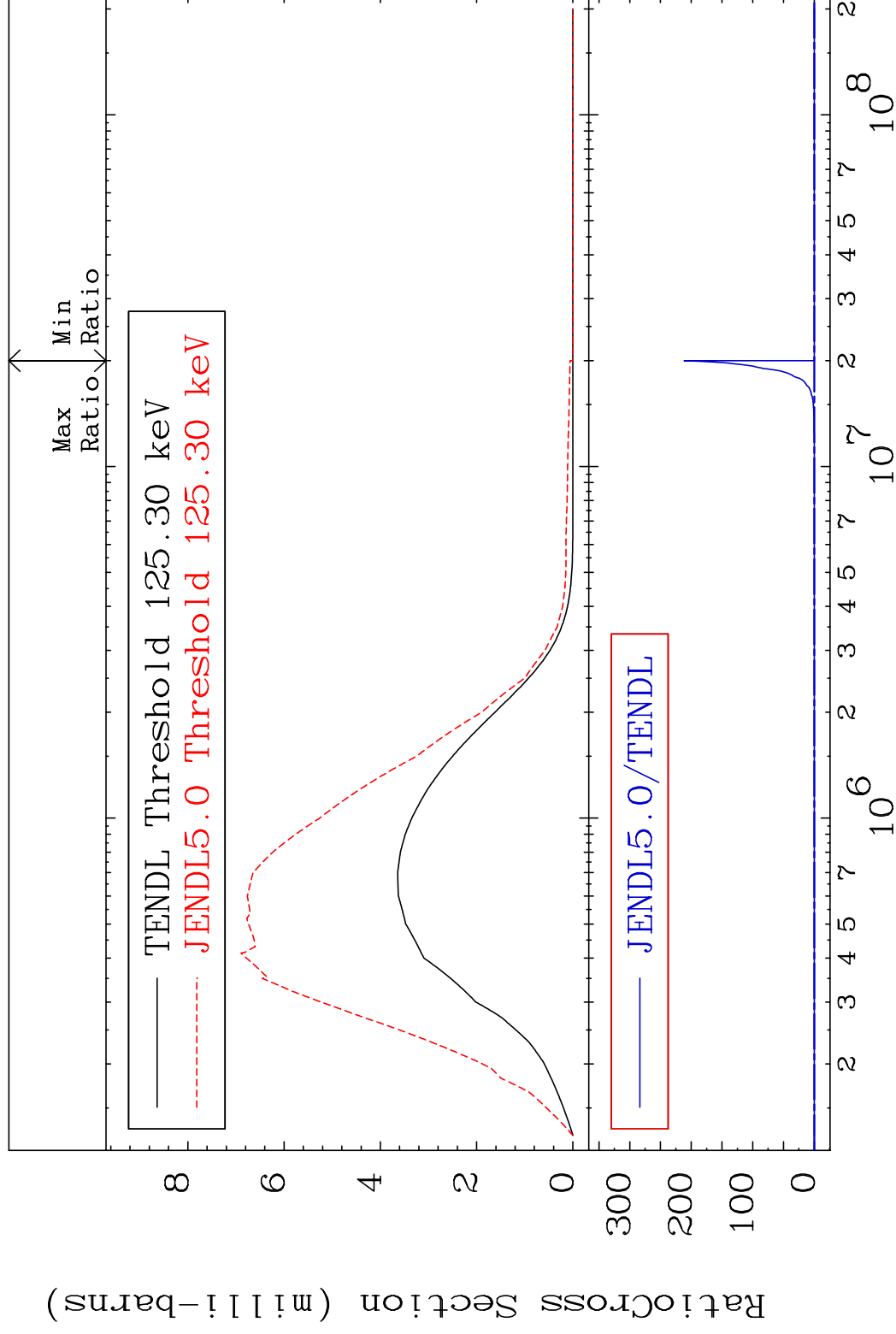


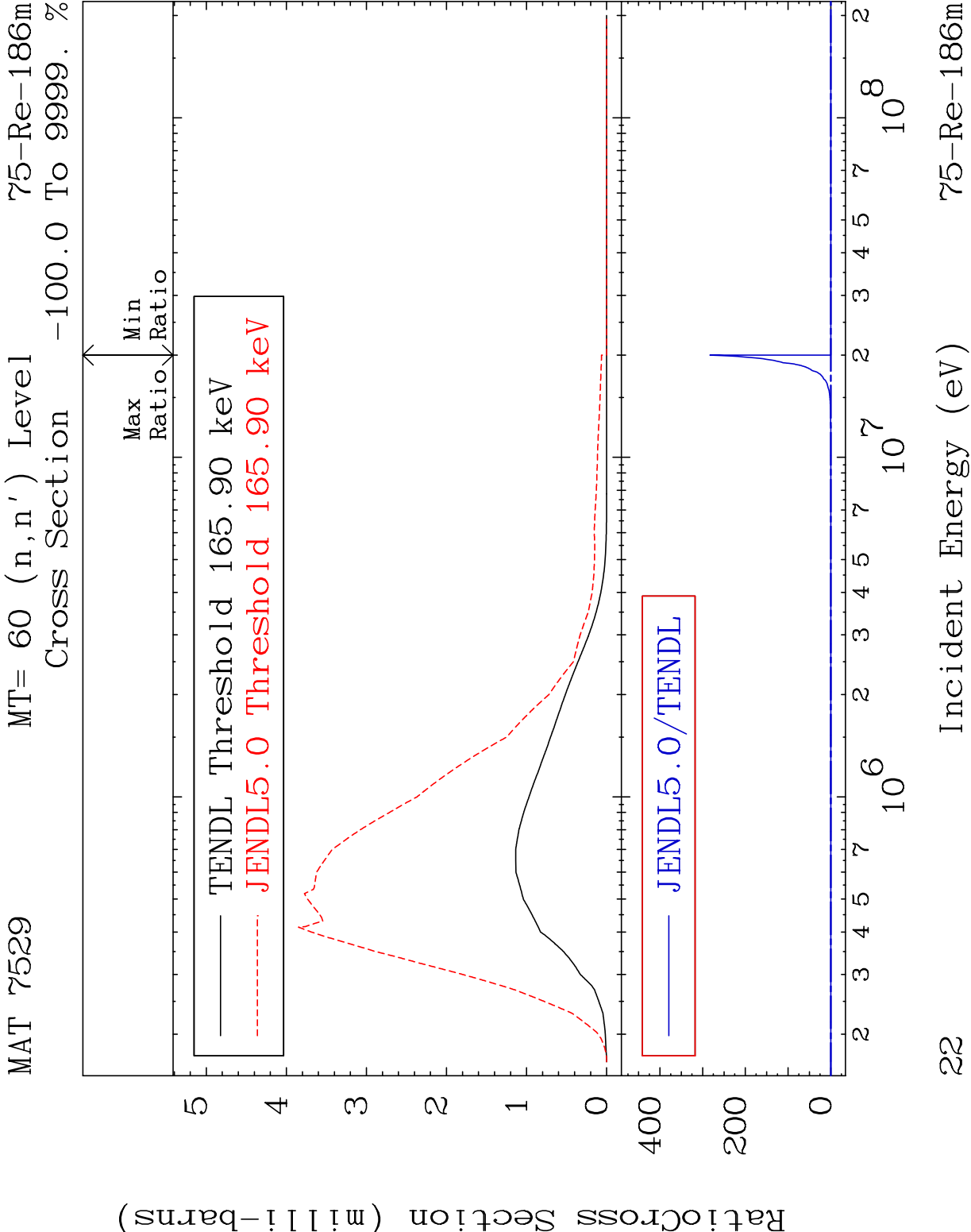
MAT 7529

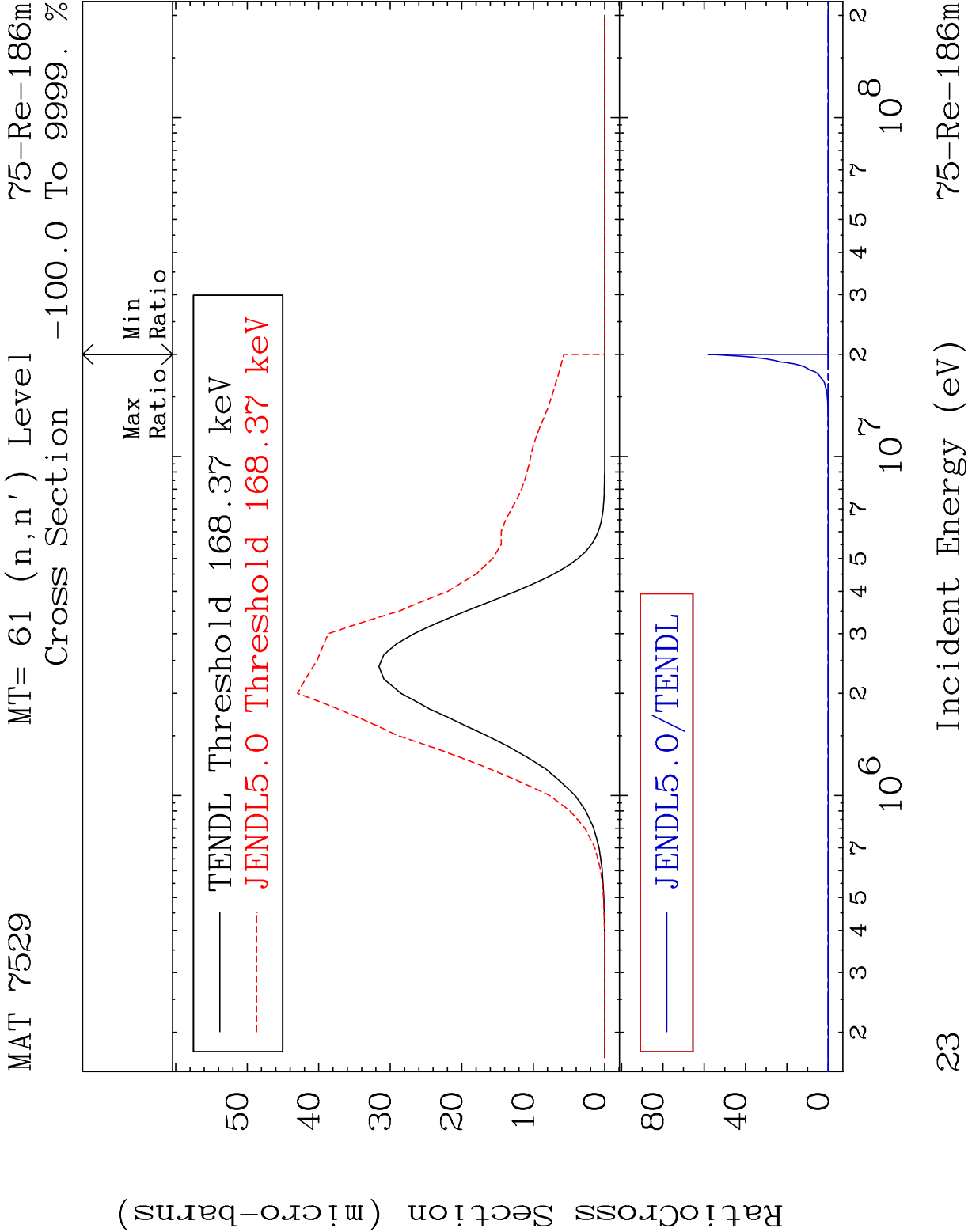
MT= 59 (n, n') Level

75-Re-186m

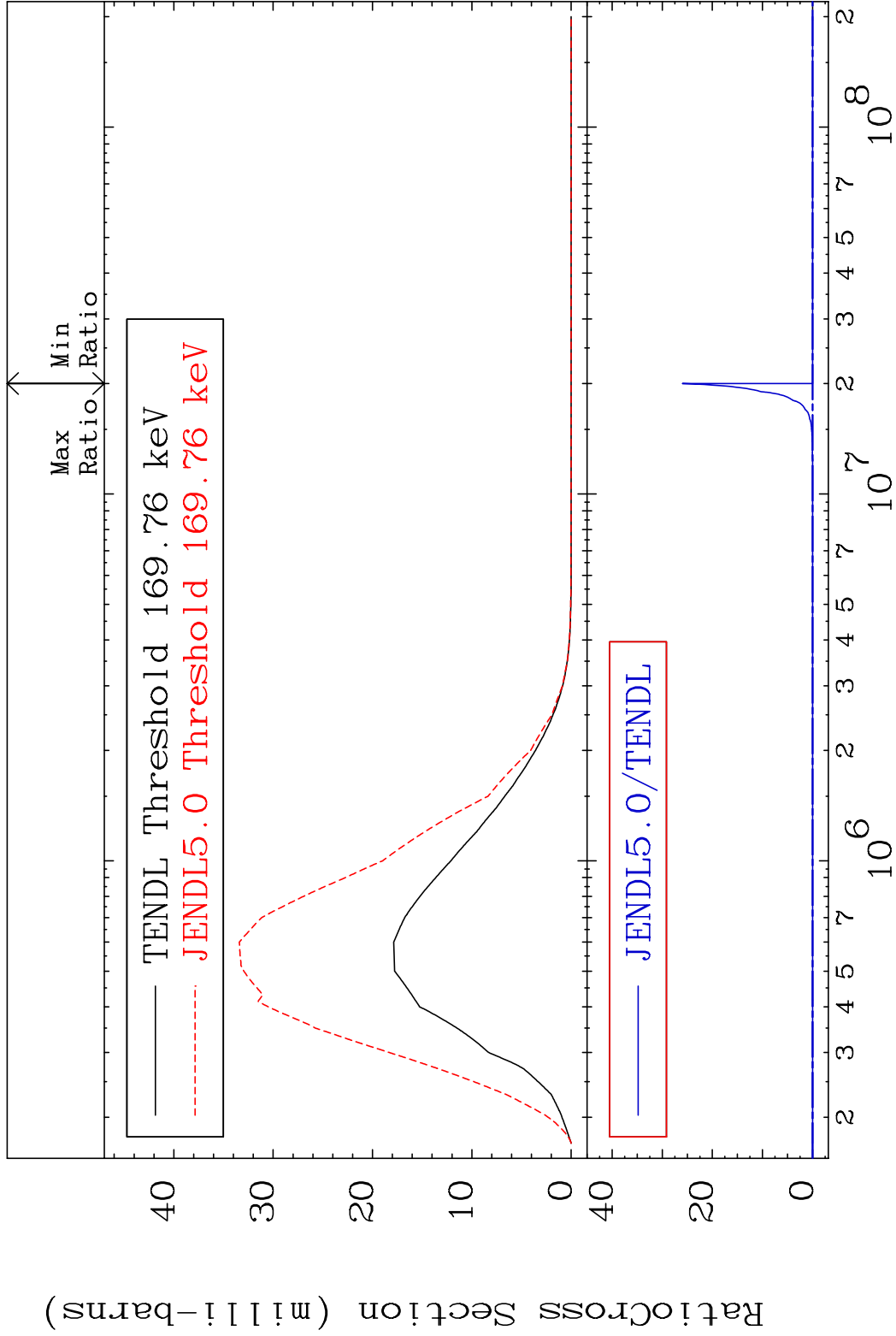
Cross Section -100.0 To 9999. %



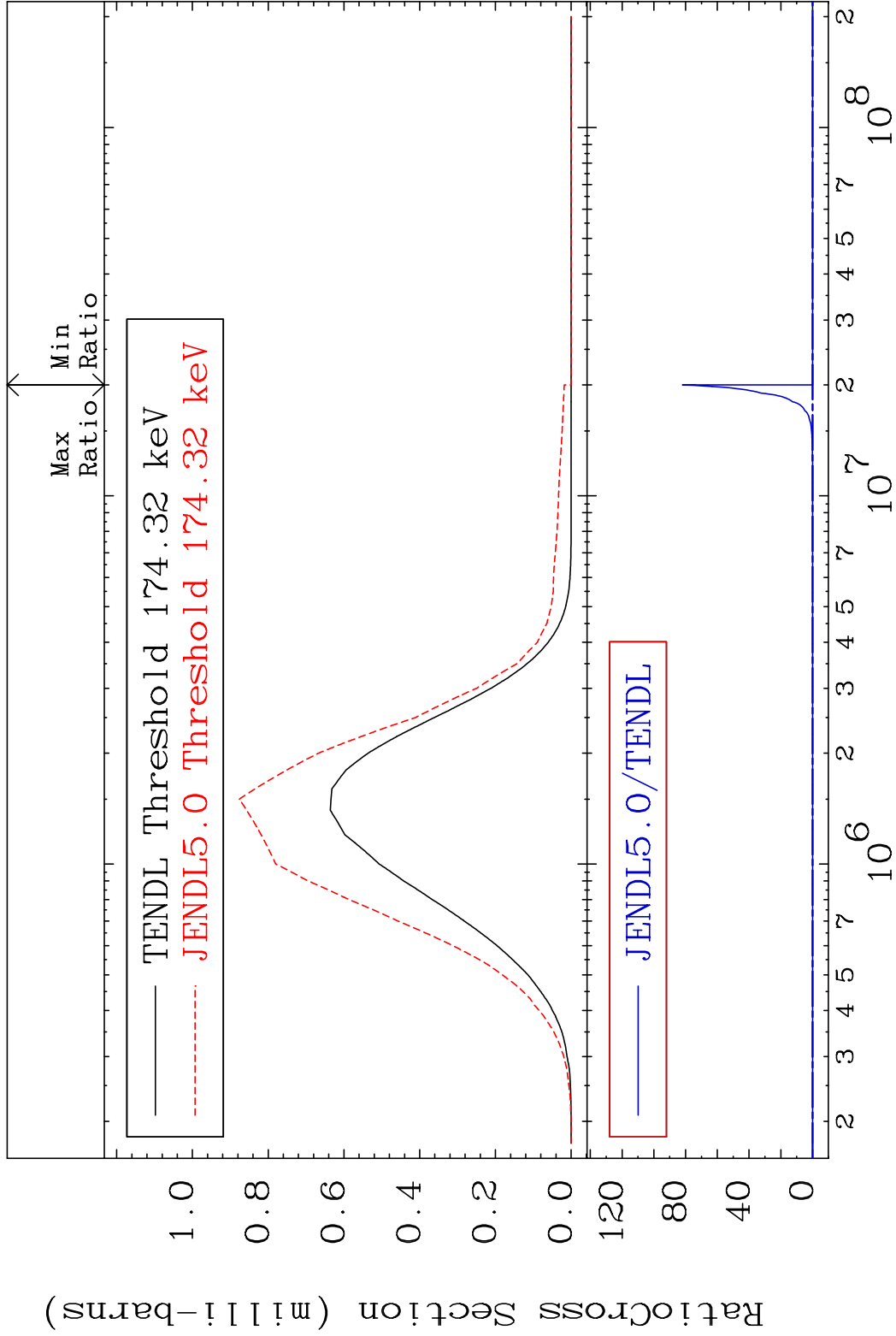




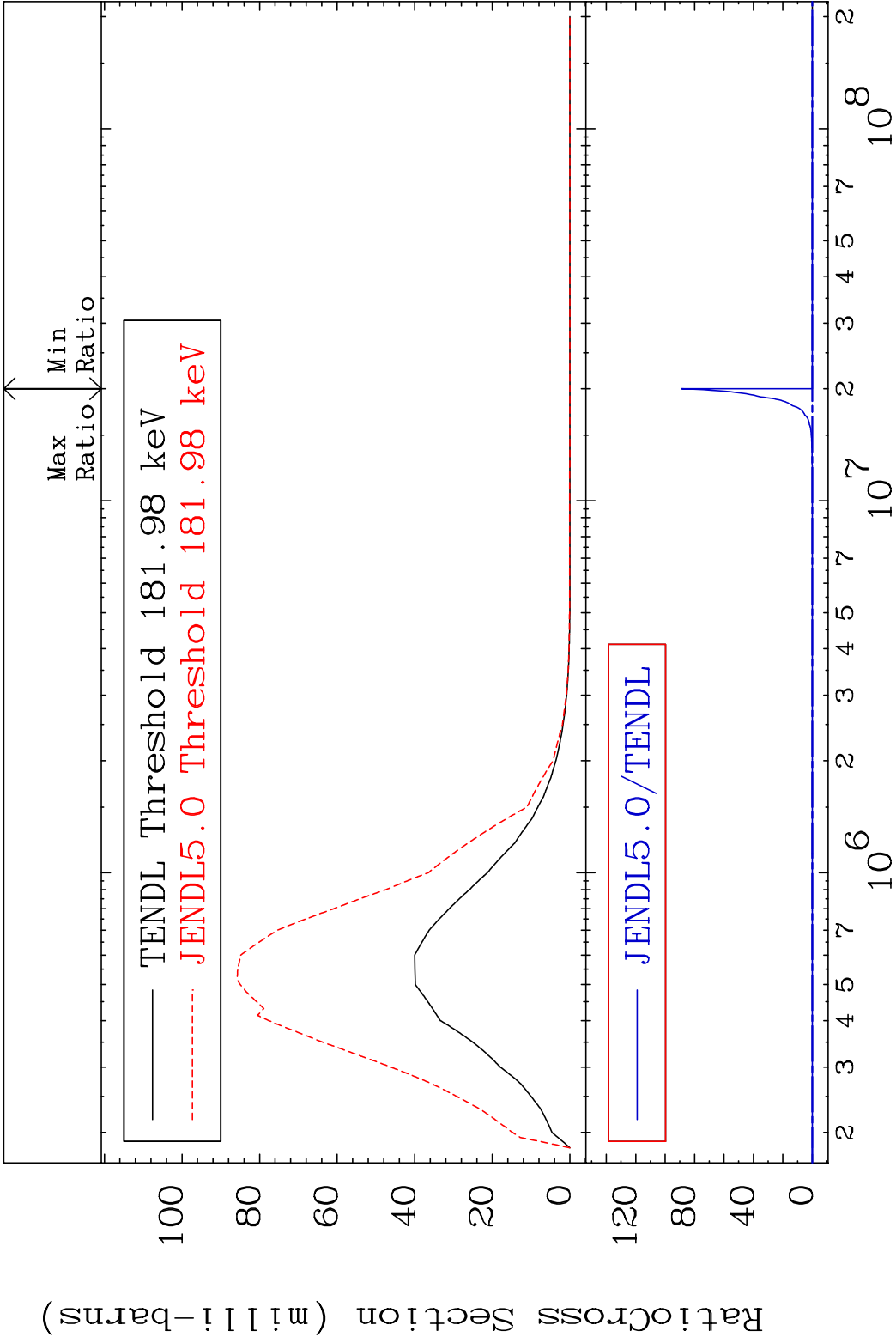
MAT 7529 MT= 62 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %

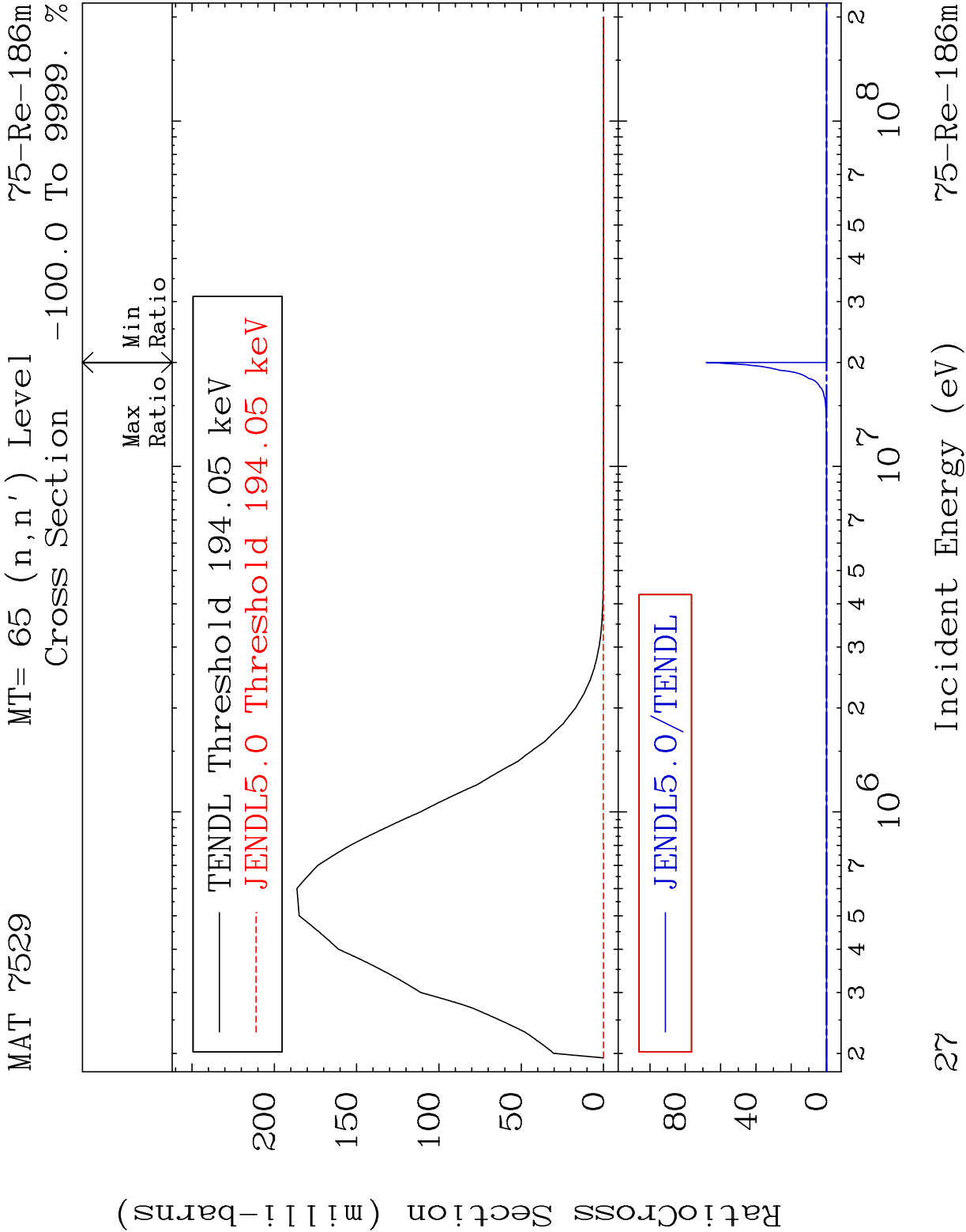


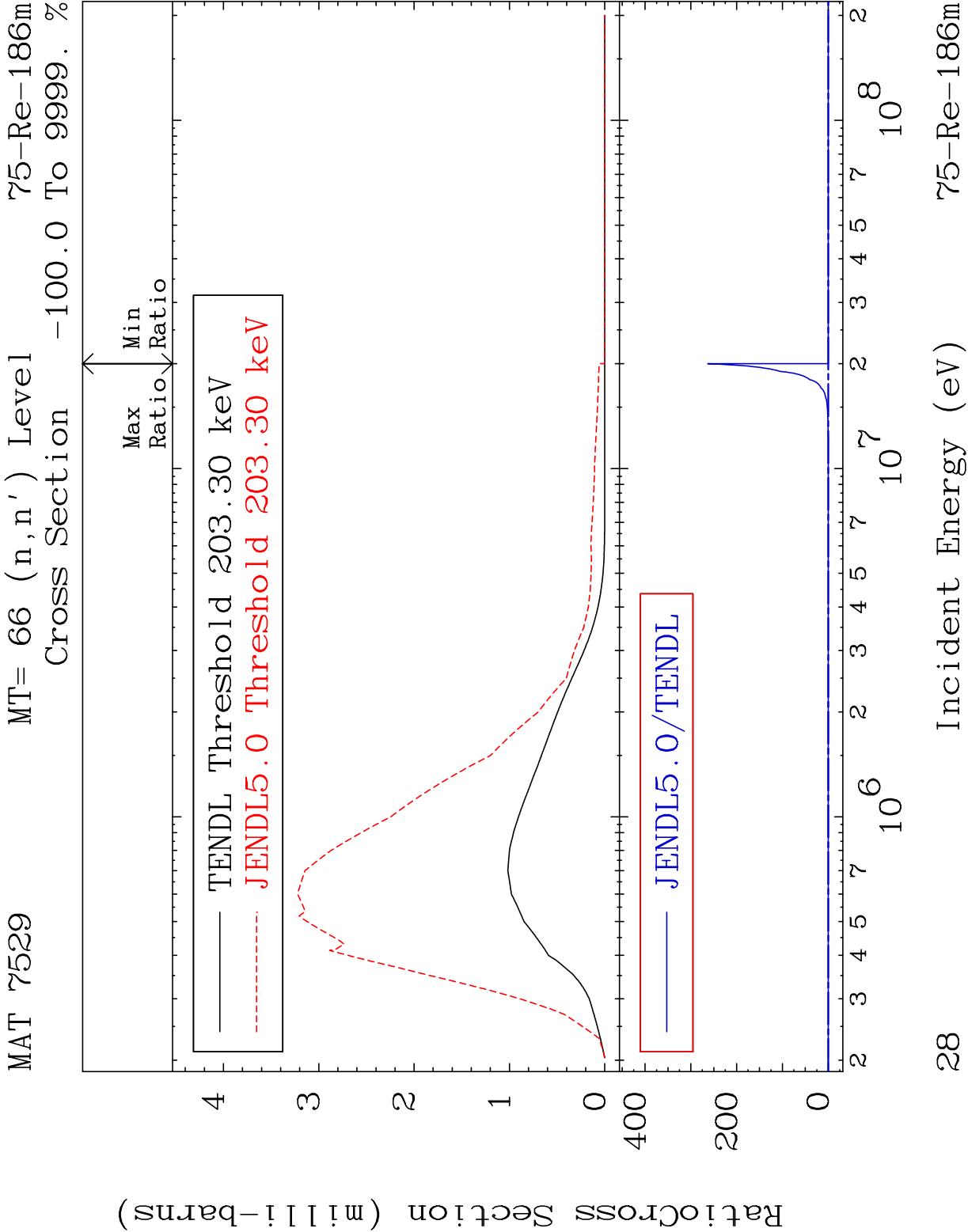
MAT 7529	MT= 63 (n,n')	Level	75-Re-186m
	Cross Section	-100.0 To 9999. %	



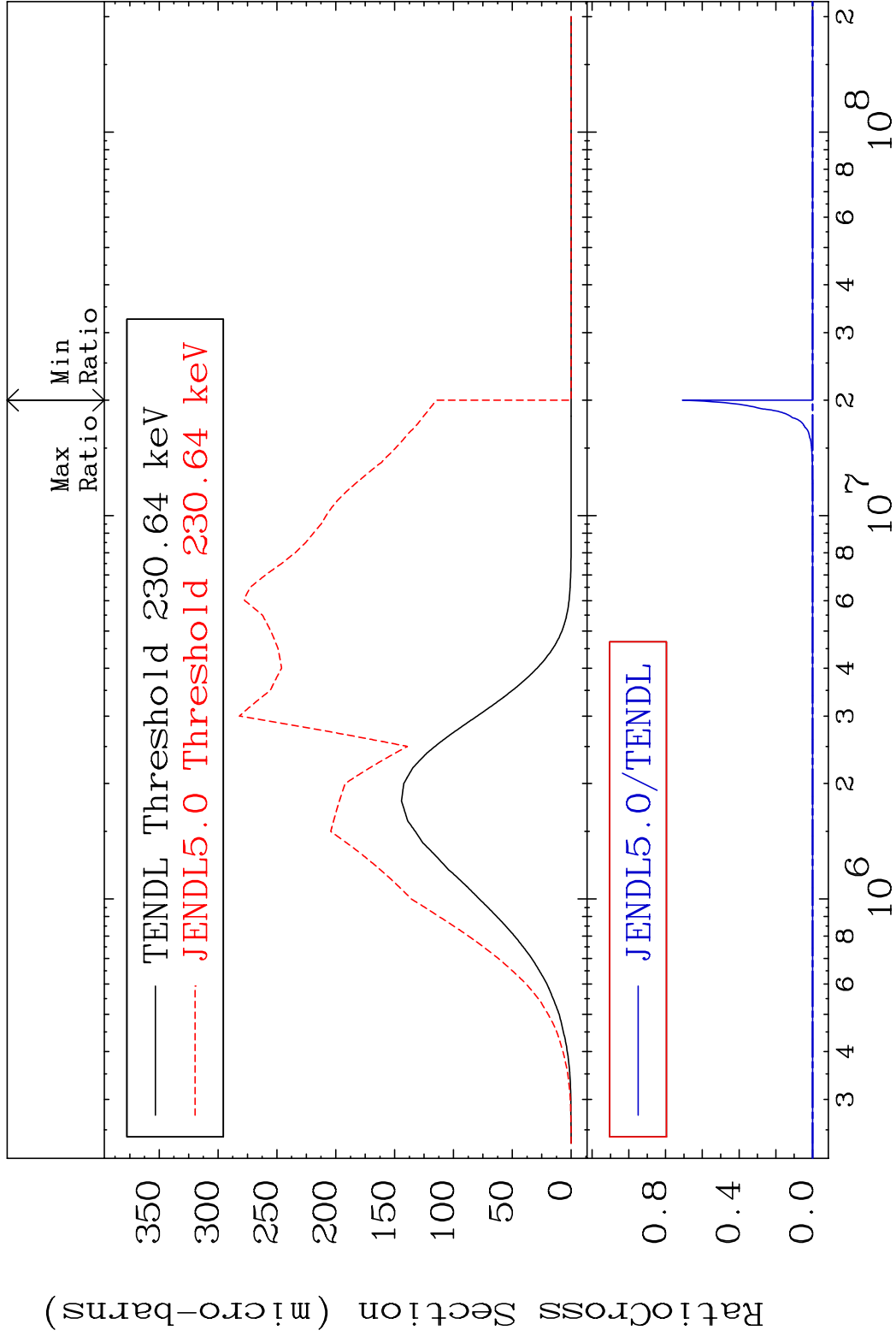
MAT 7529 MT= 64 (n,n') Level 75-Re-186m
 Cross Section -100.0 To 9999. %

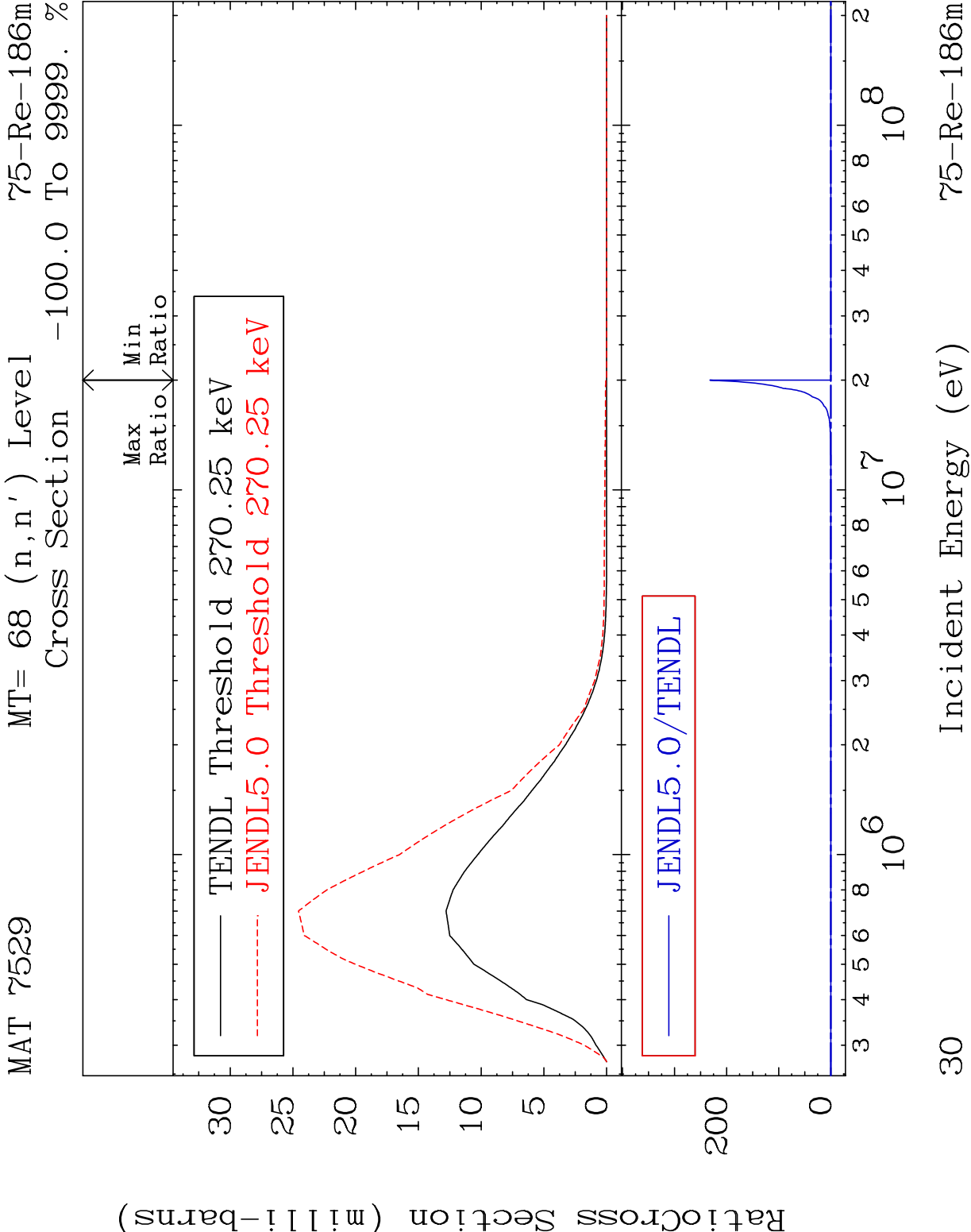




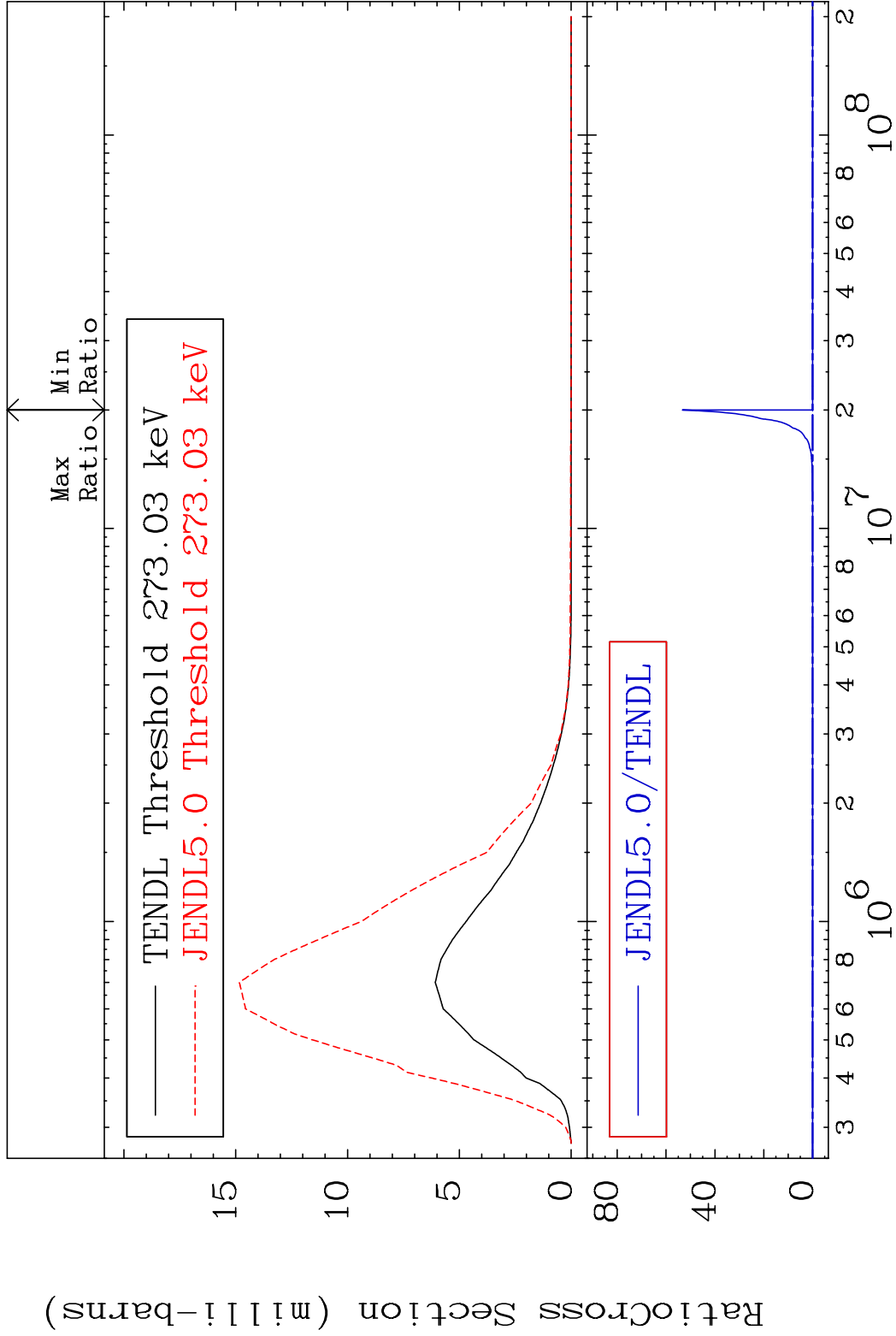


MAT 7529 MT= 67 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %

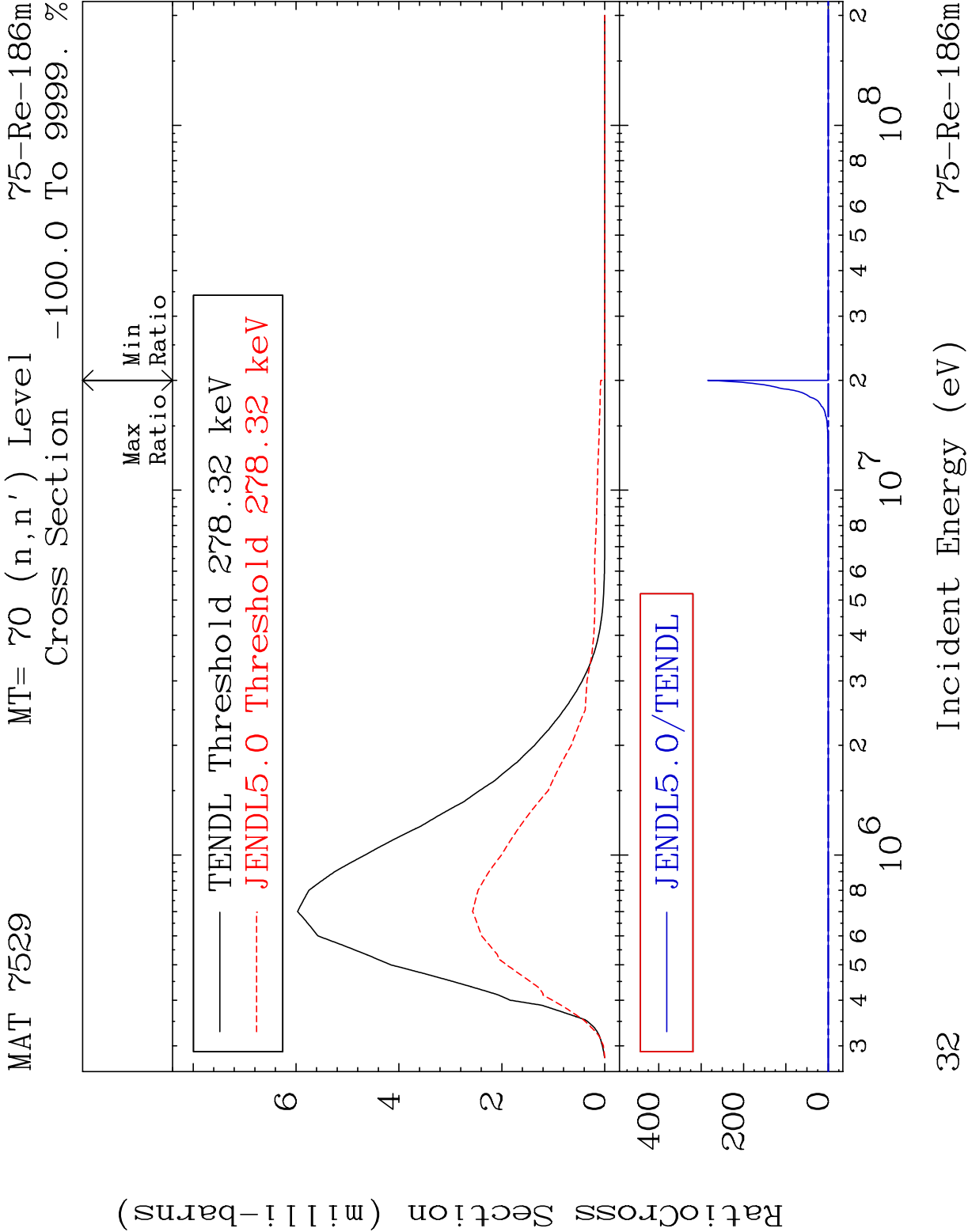


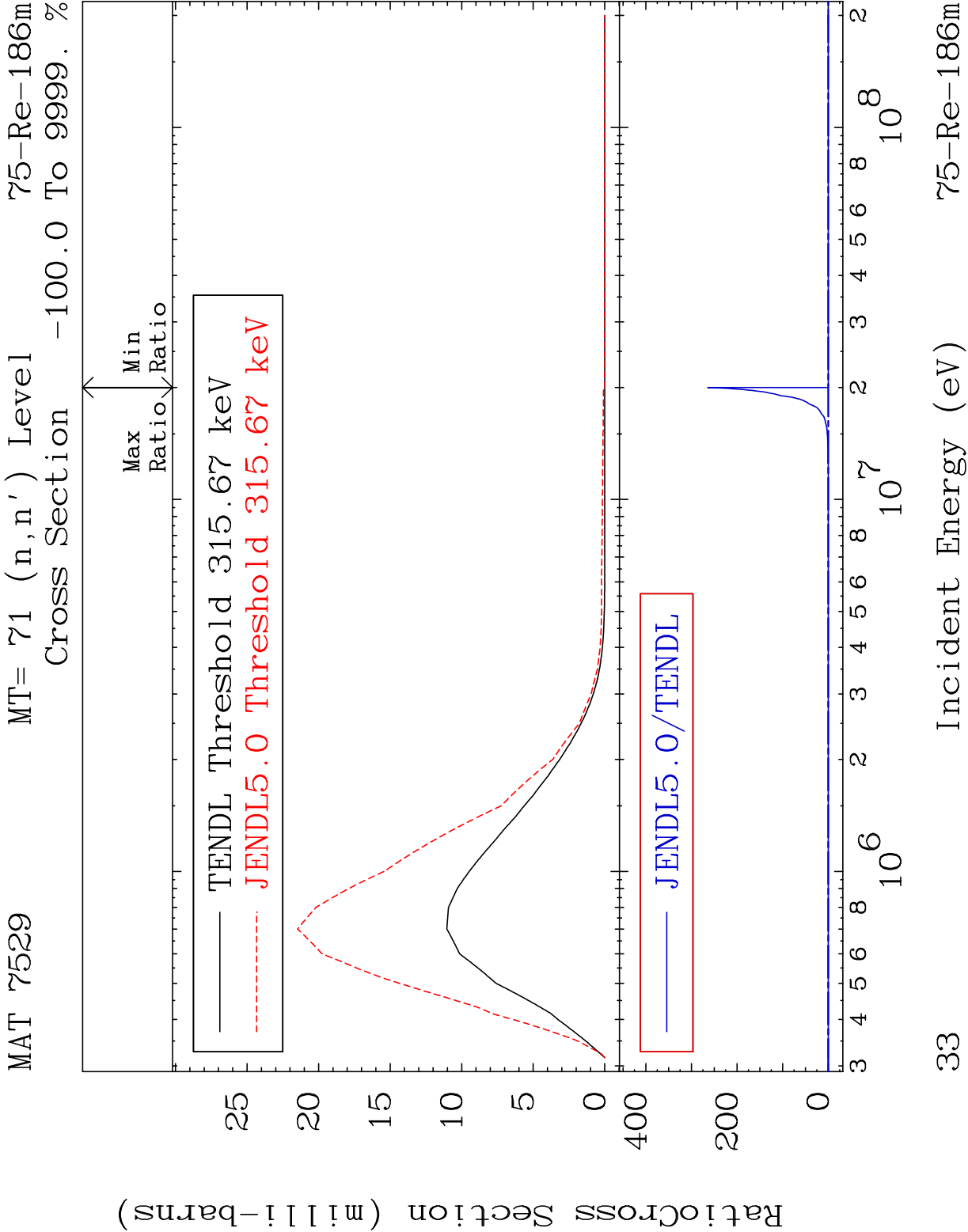


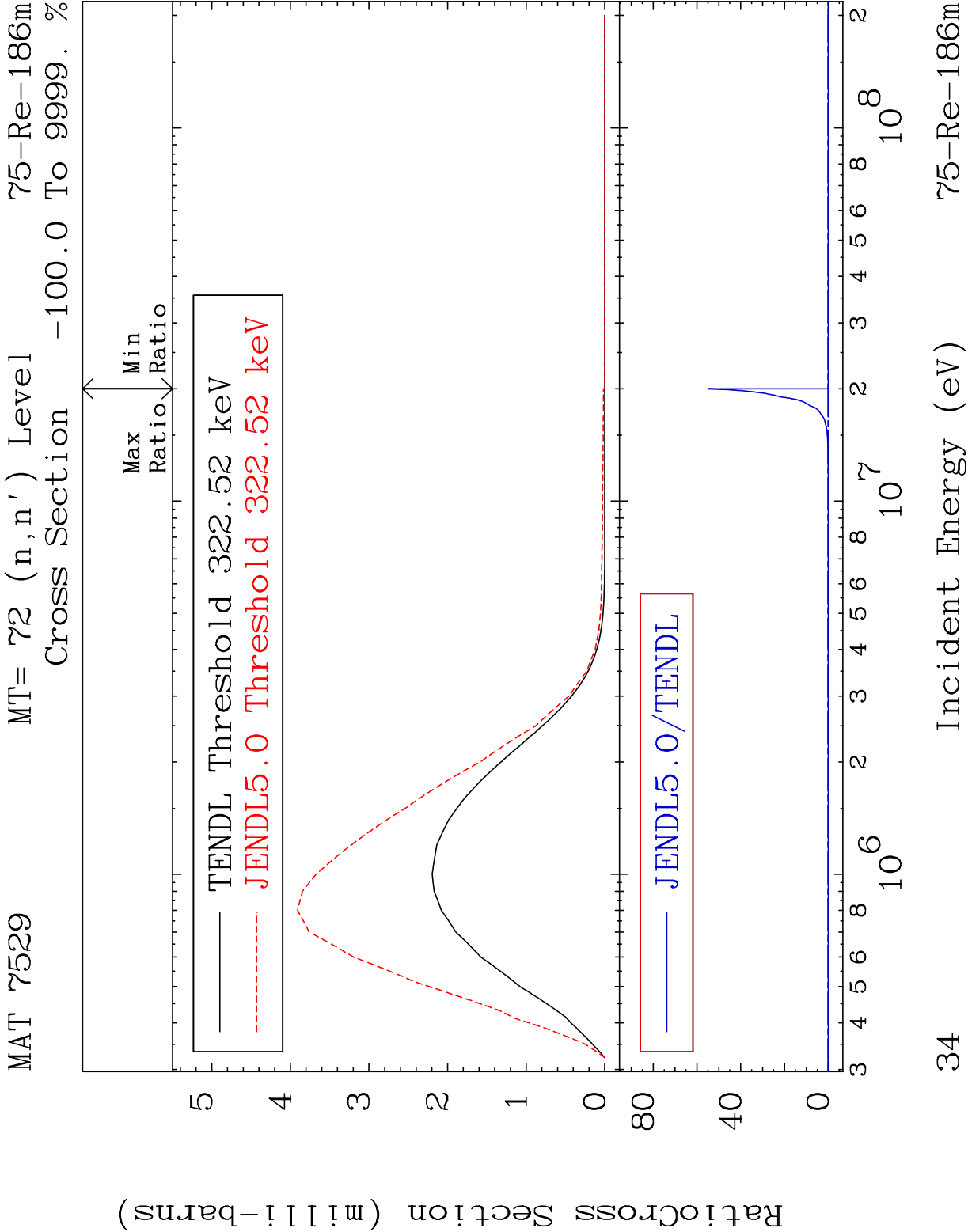
MAT 7529 MT= 69 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %



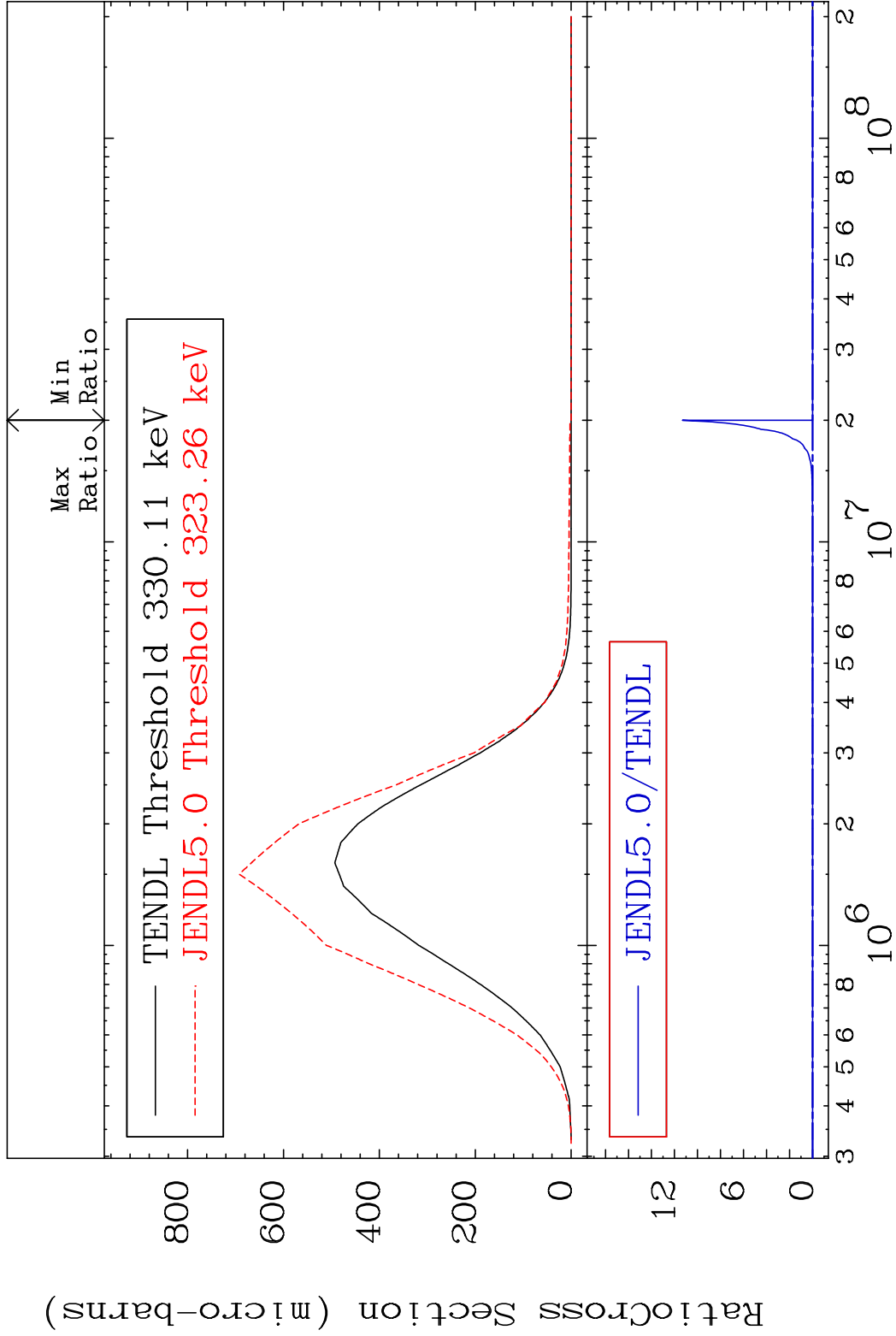
31 Incident Energy (eV) 75-Re-186m



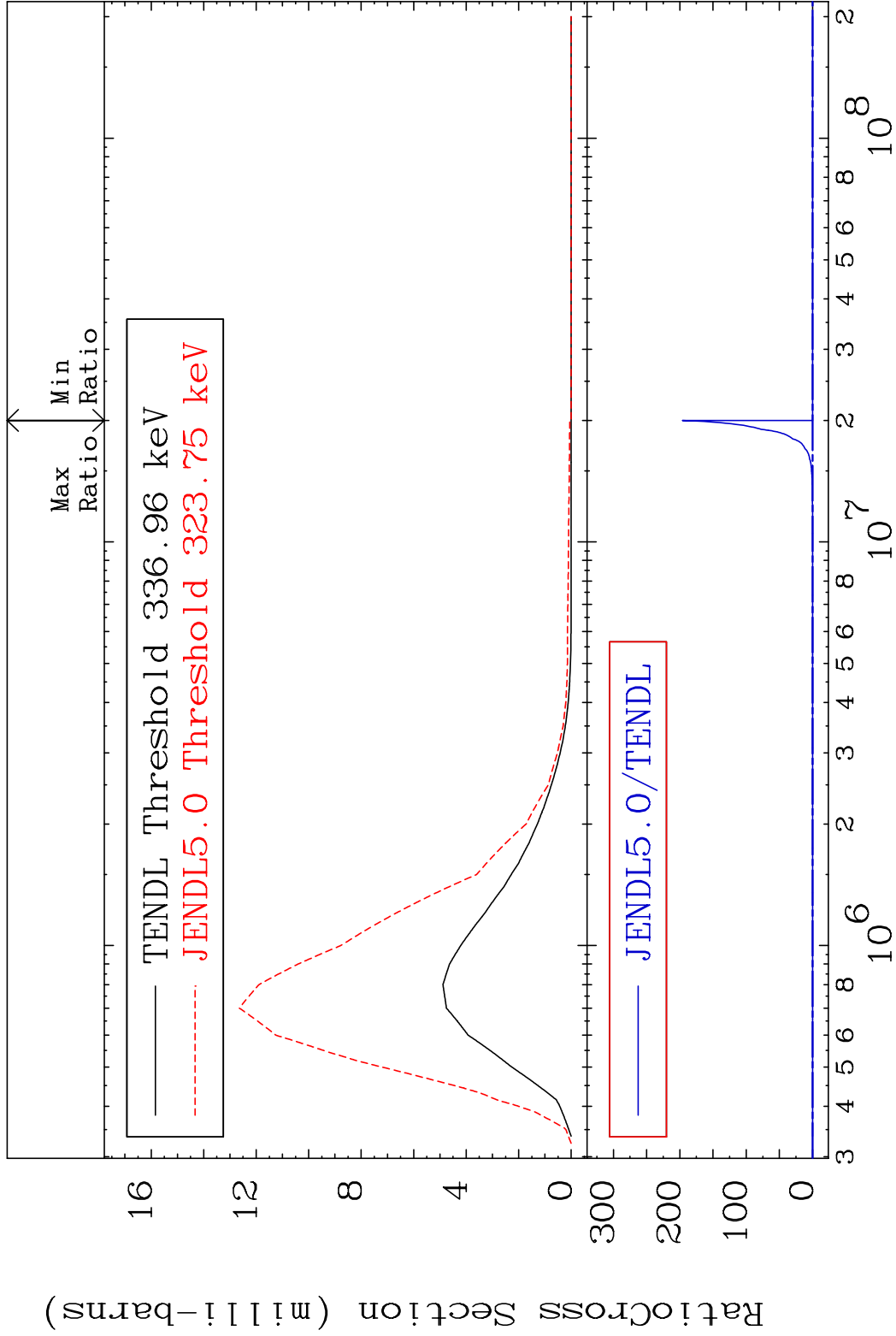


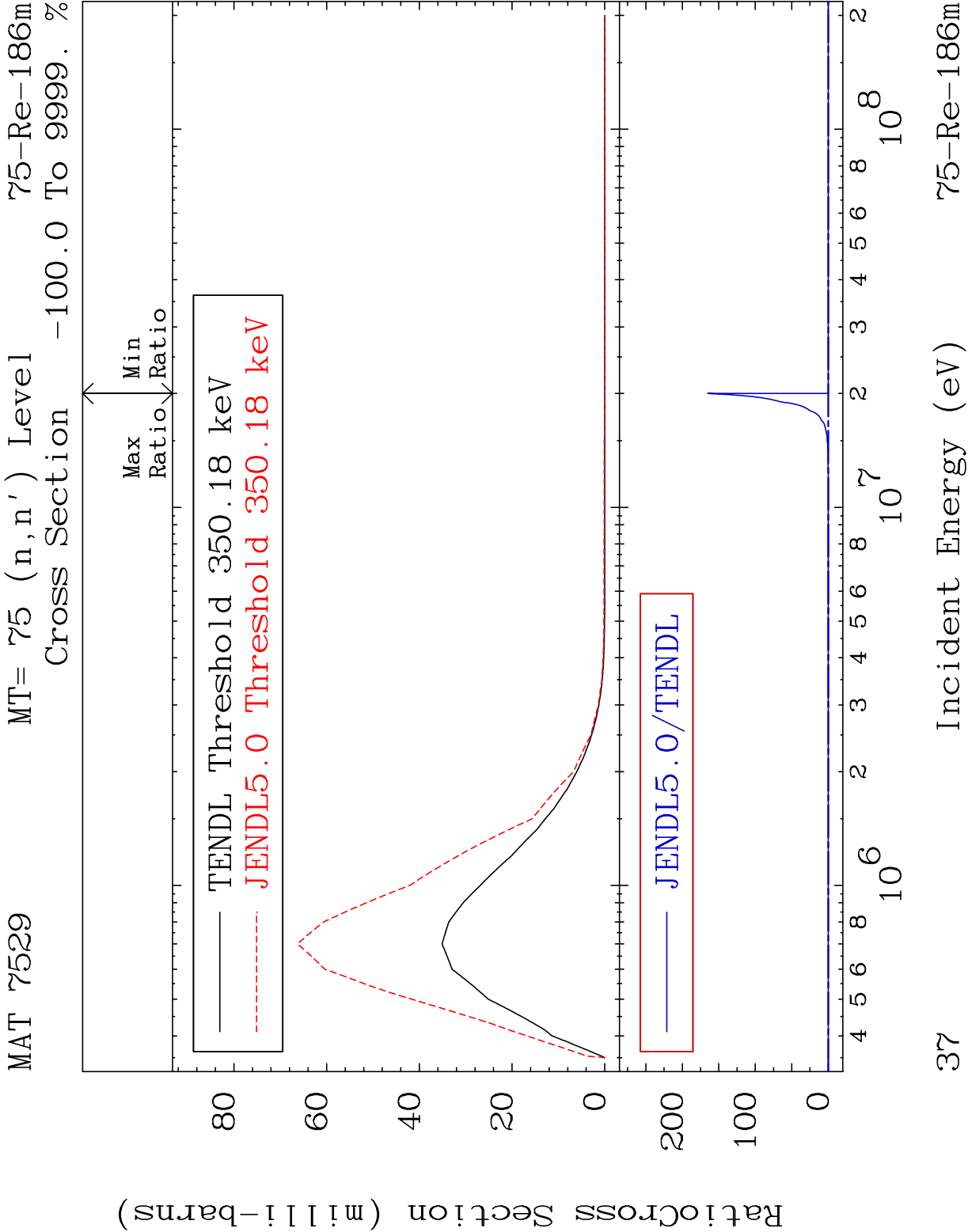


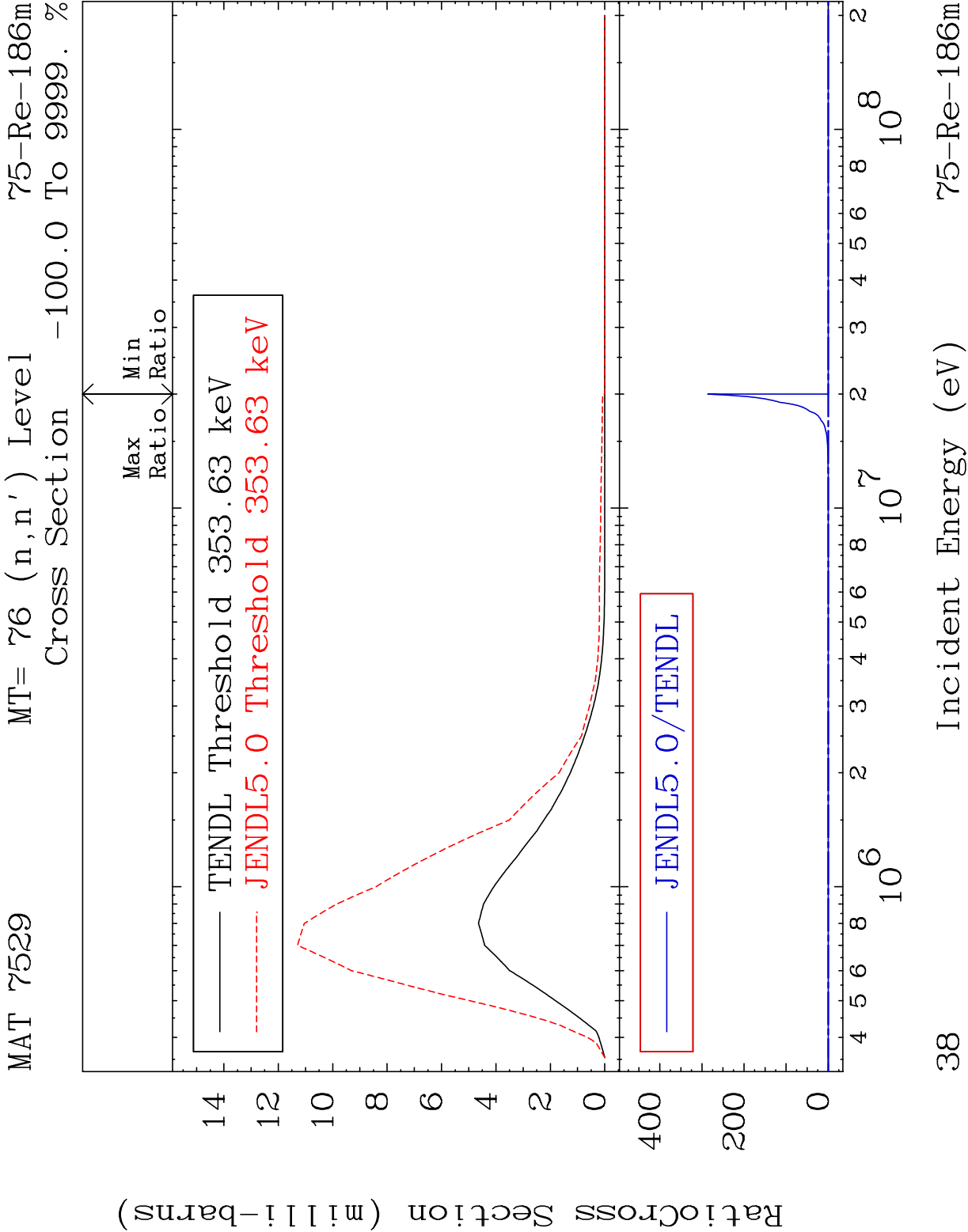
MAT 7529 MT= 73 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %



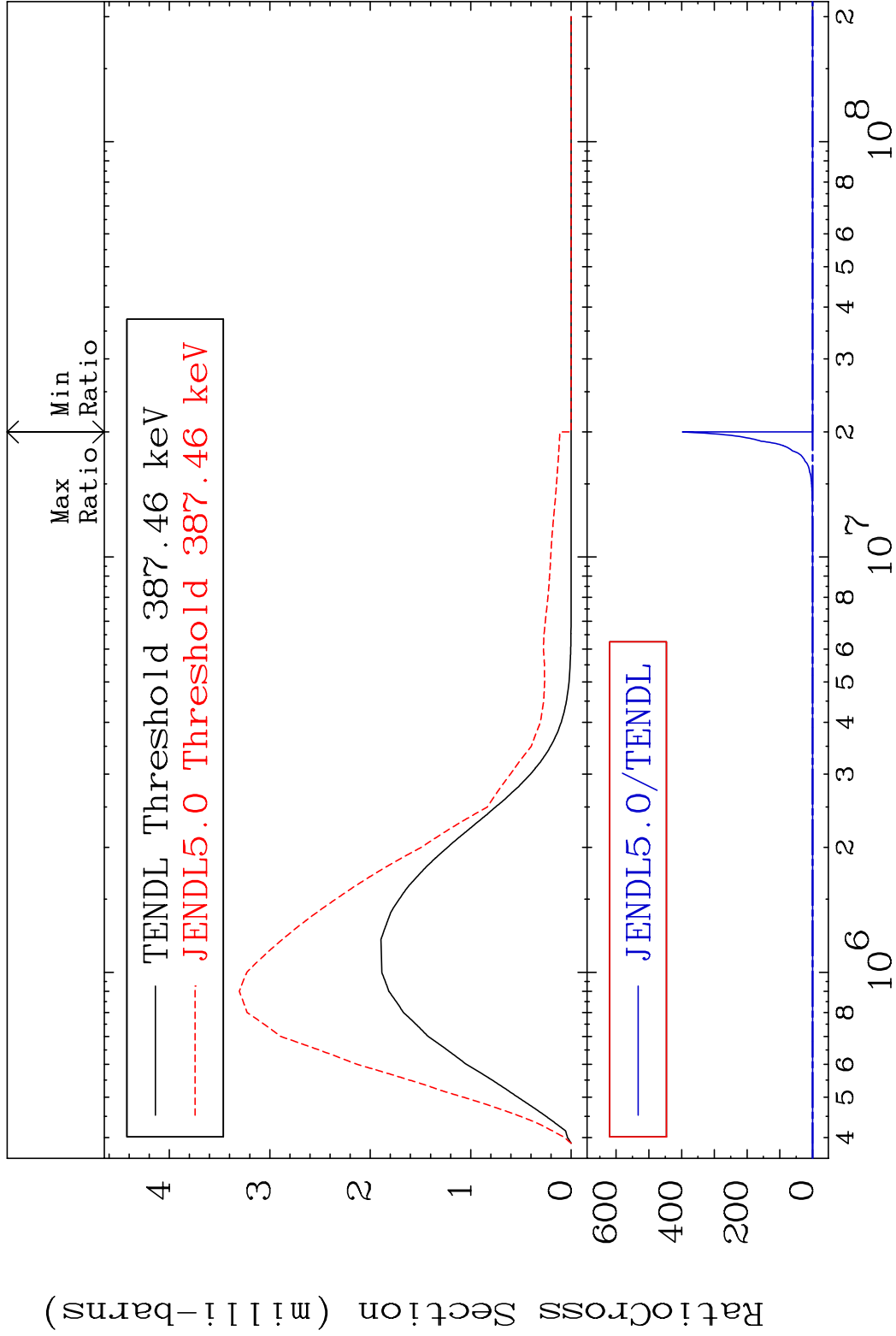
MAT 7529 MT= 74 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %



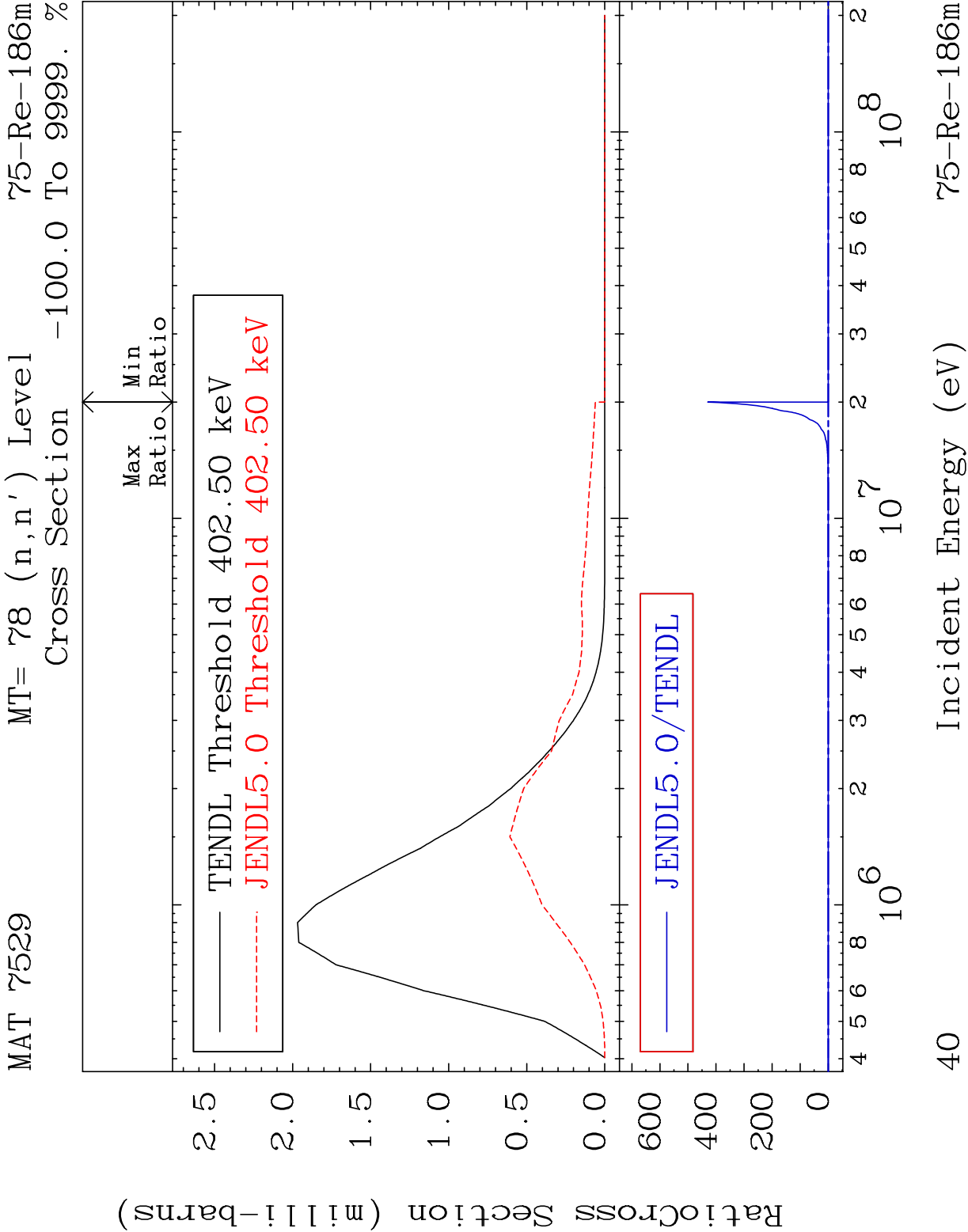


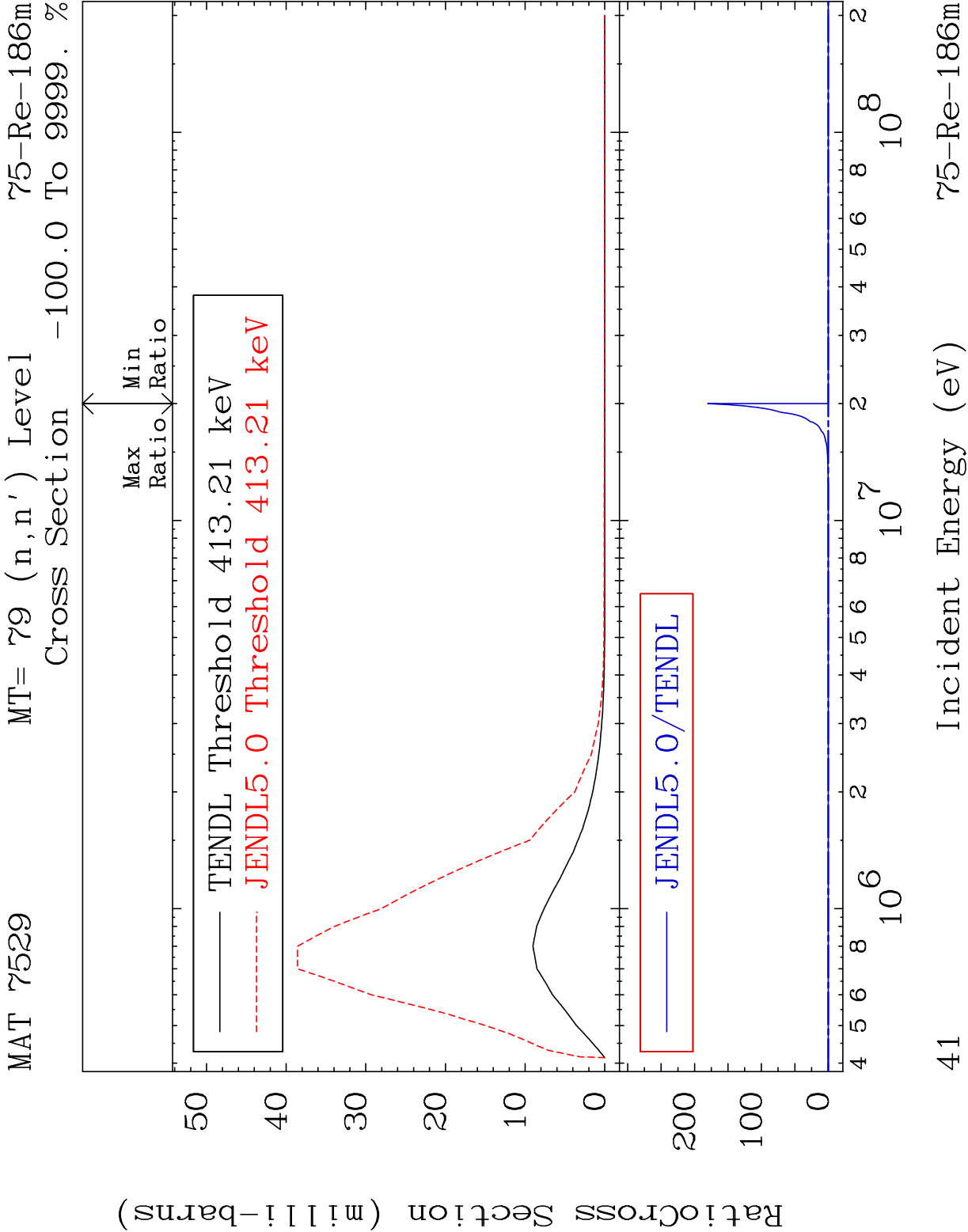


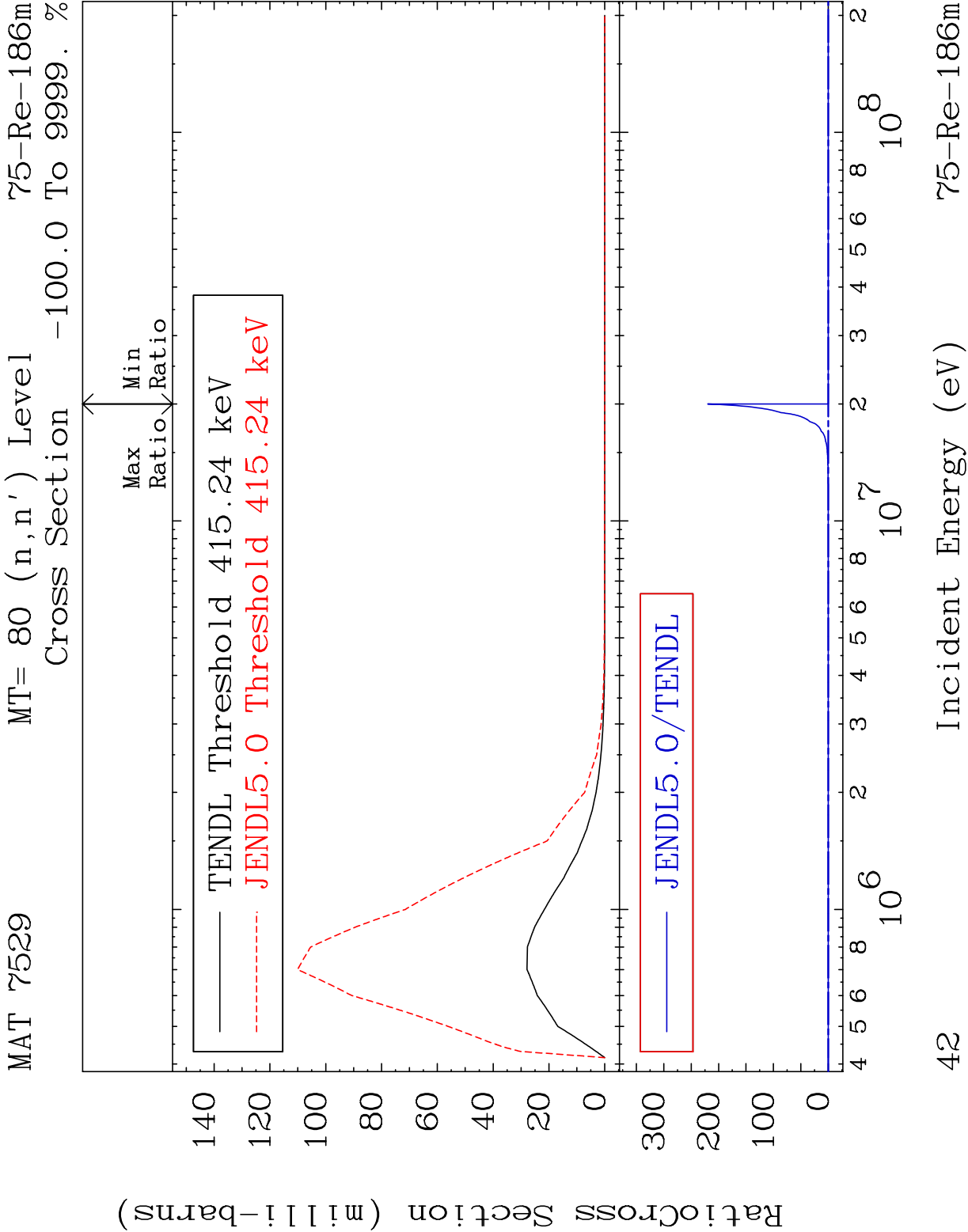
MAT 7529 MT= 77 (n,n') Level 75-Re-186m
Cross Section -100.0 To 9999. %



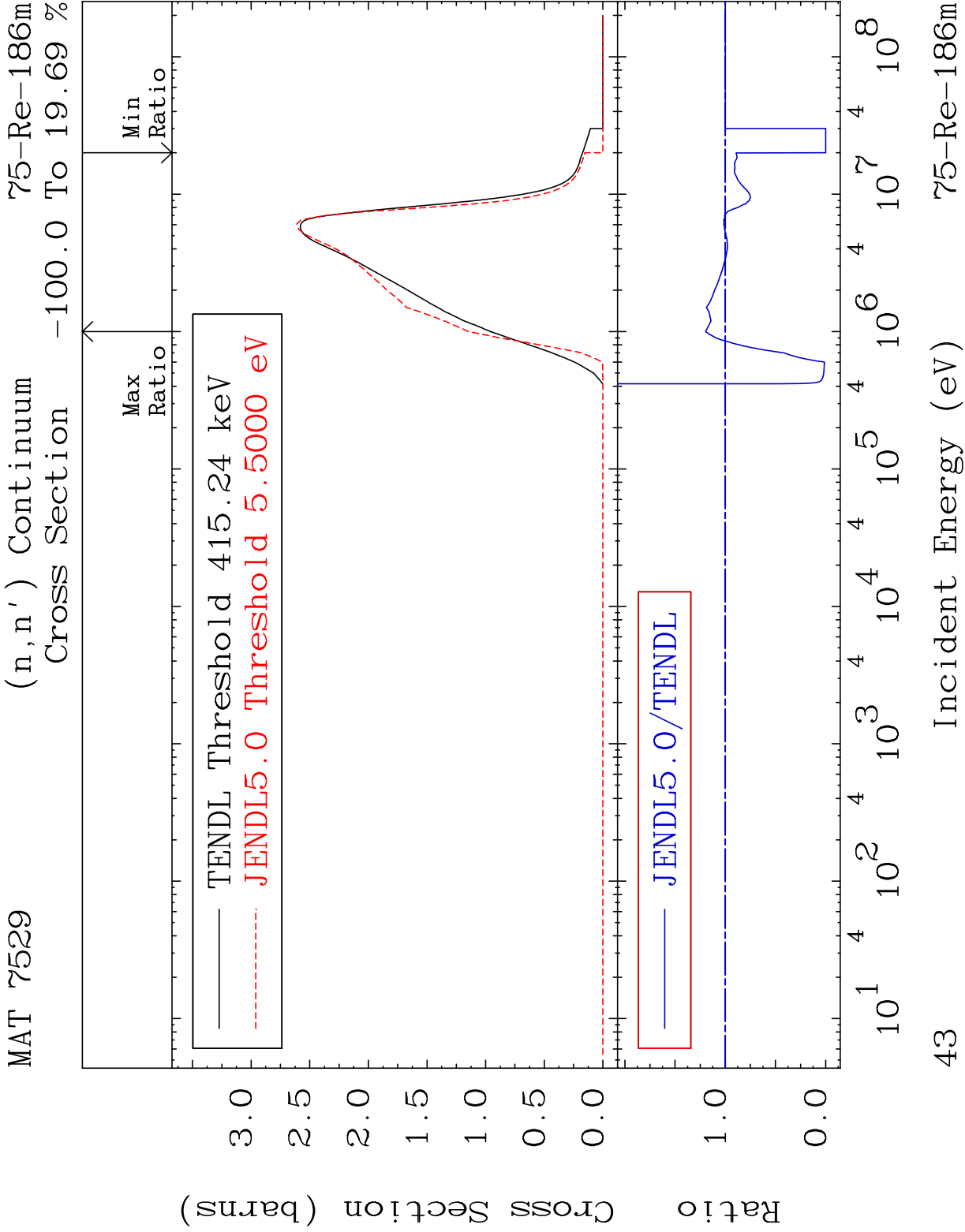
39 Incident Energy (eV) 75-Re-186m

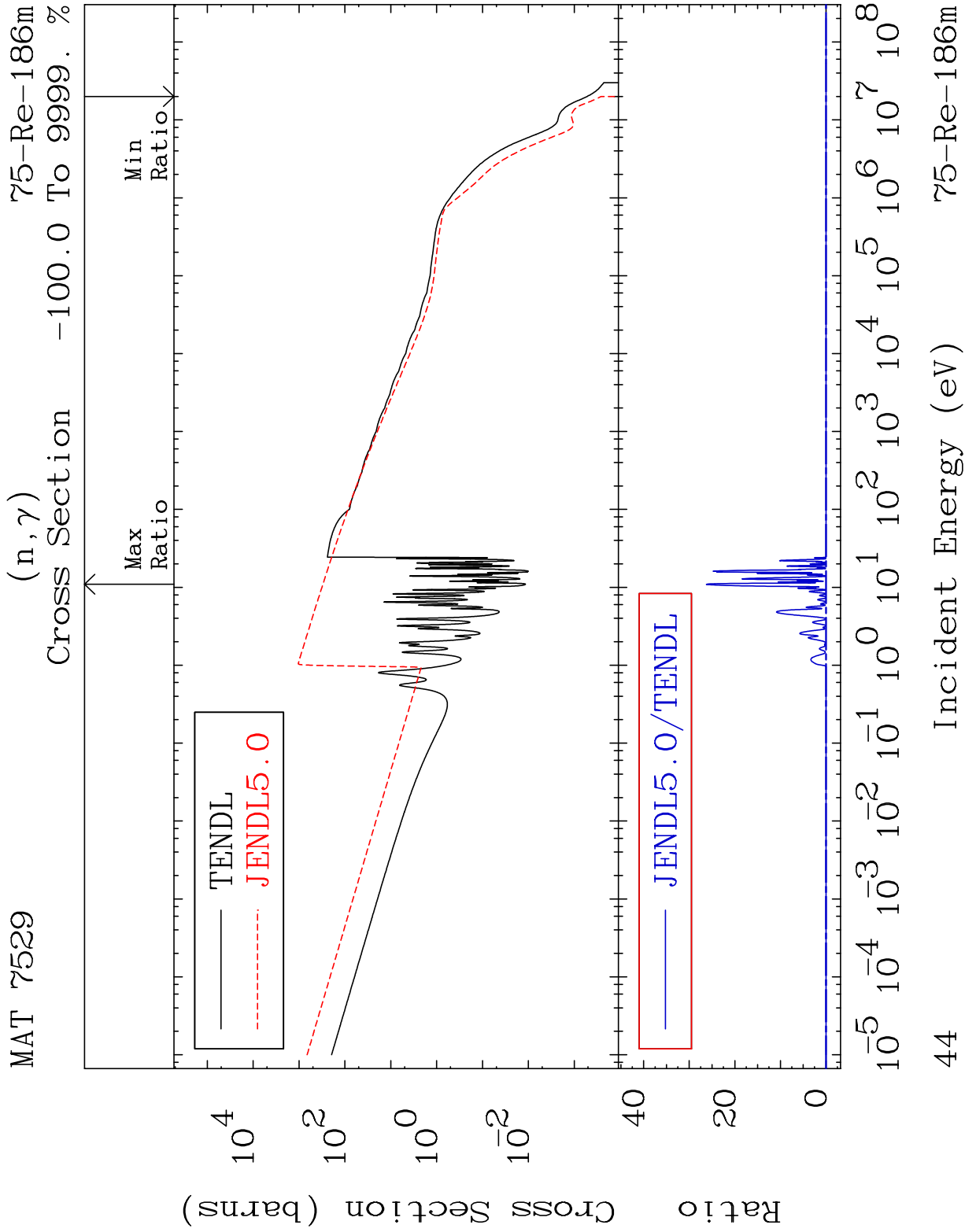


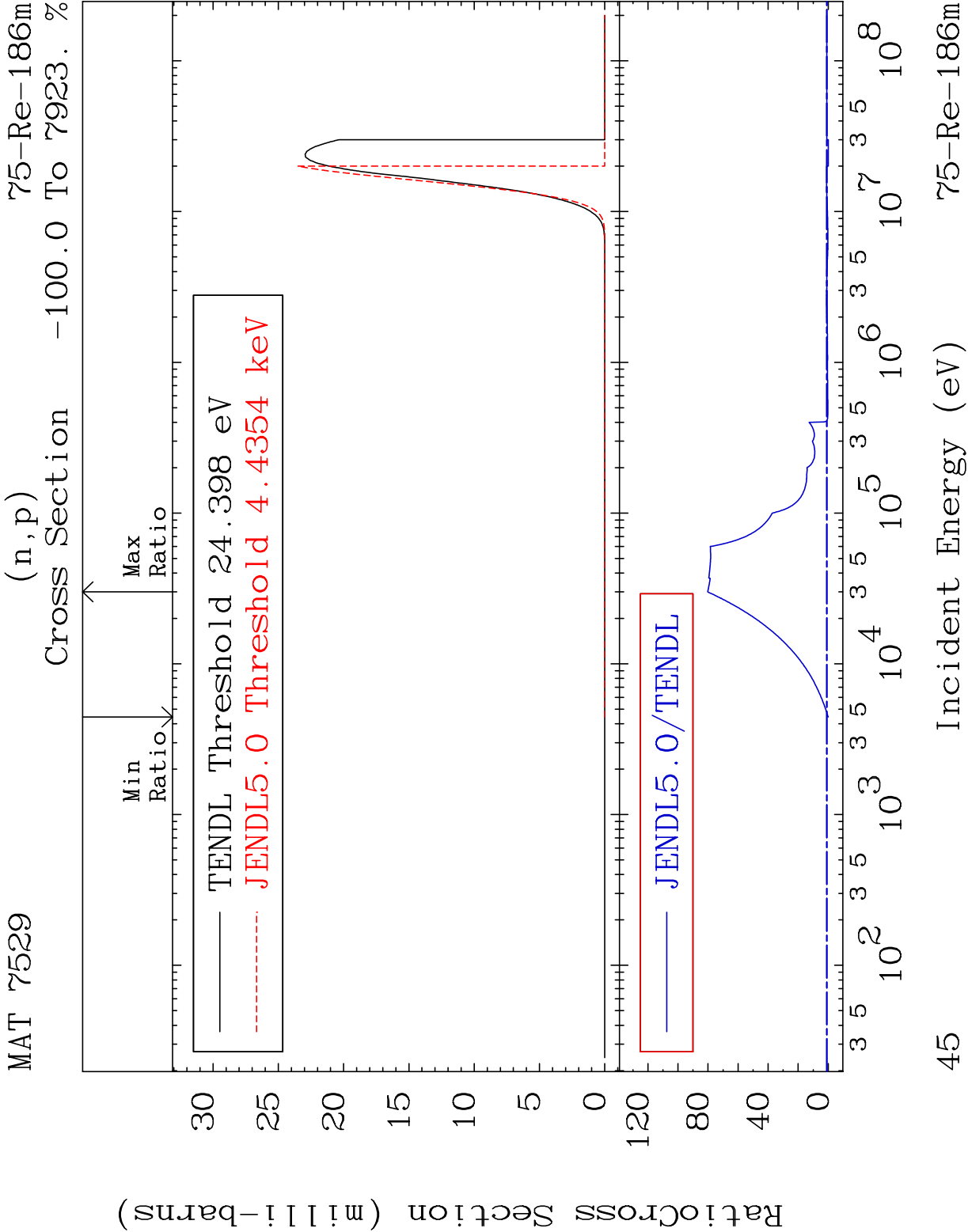


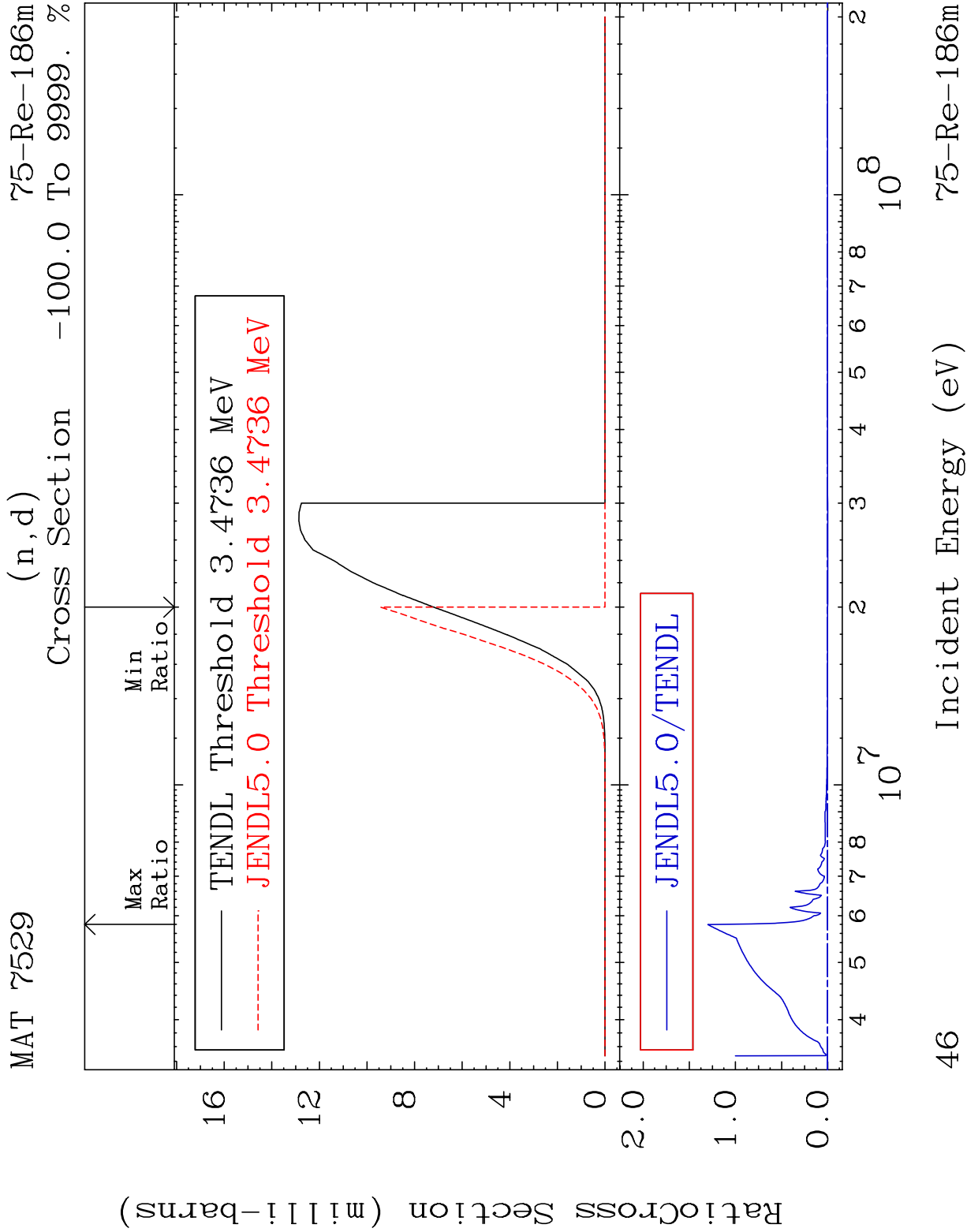


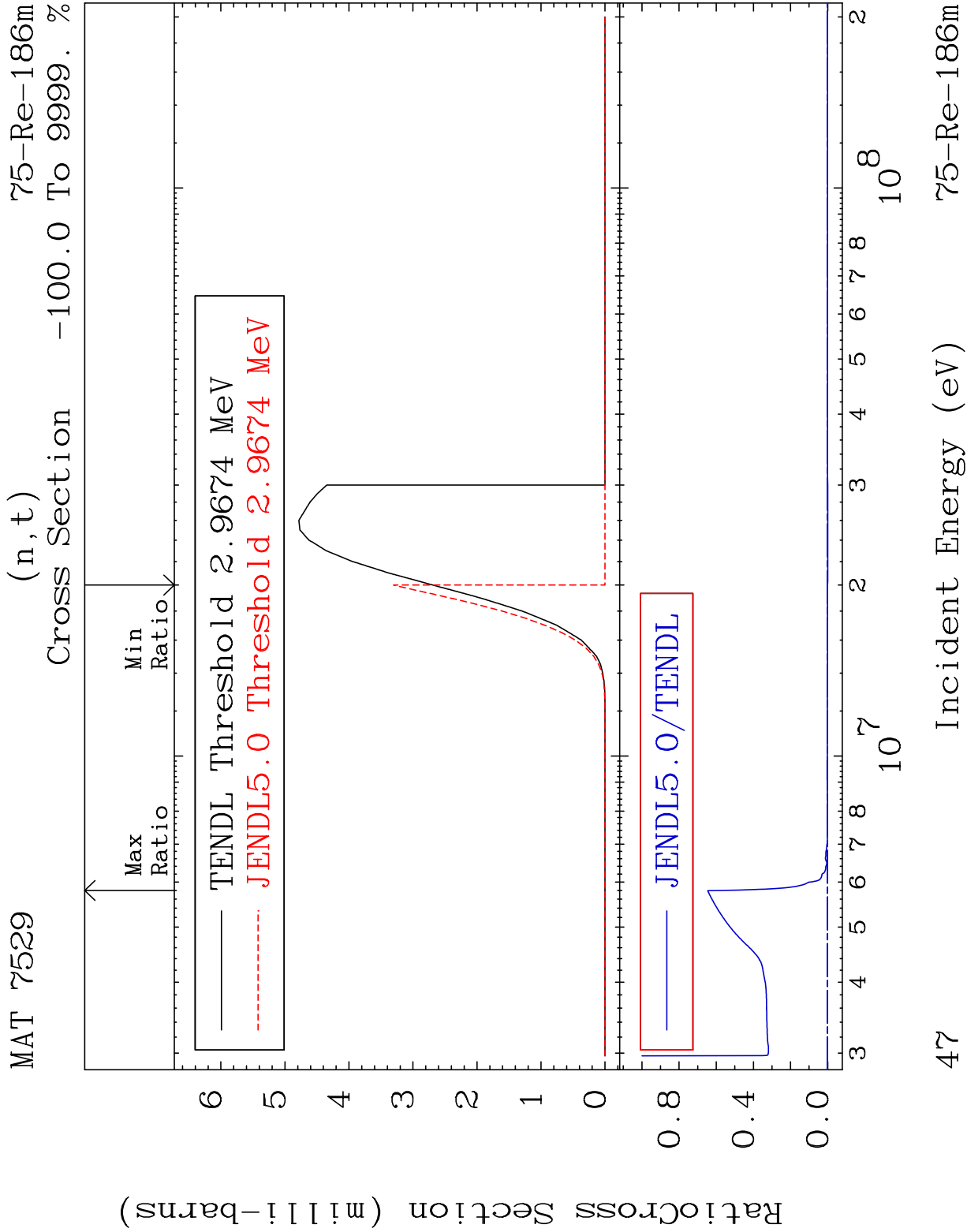
RatioCross Section (milli-barns)

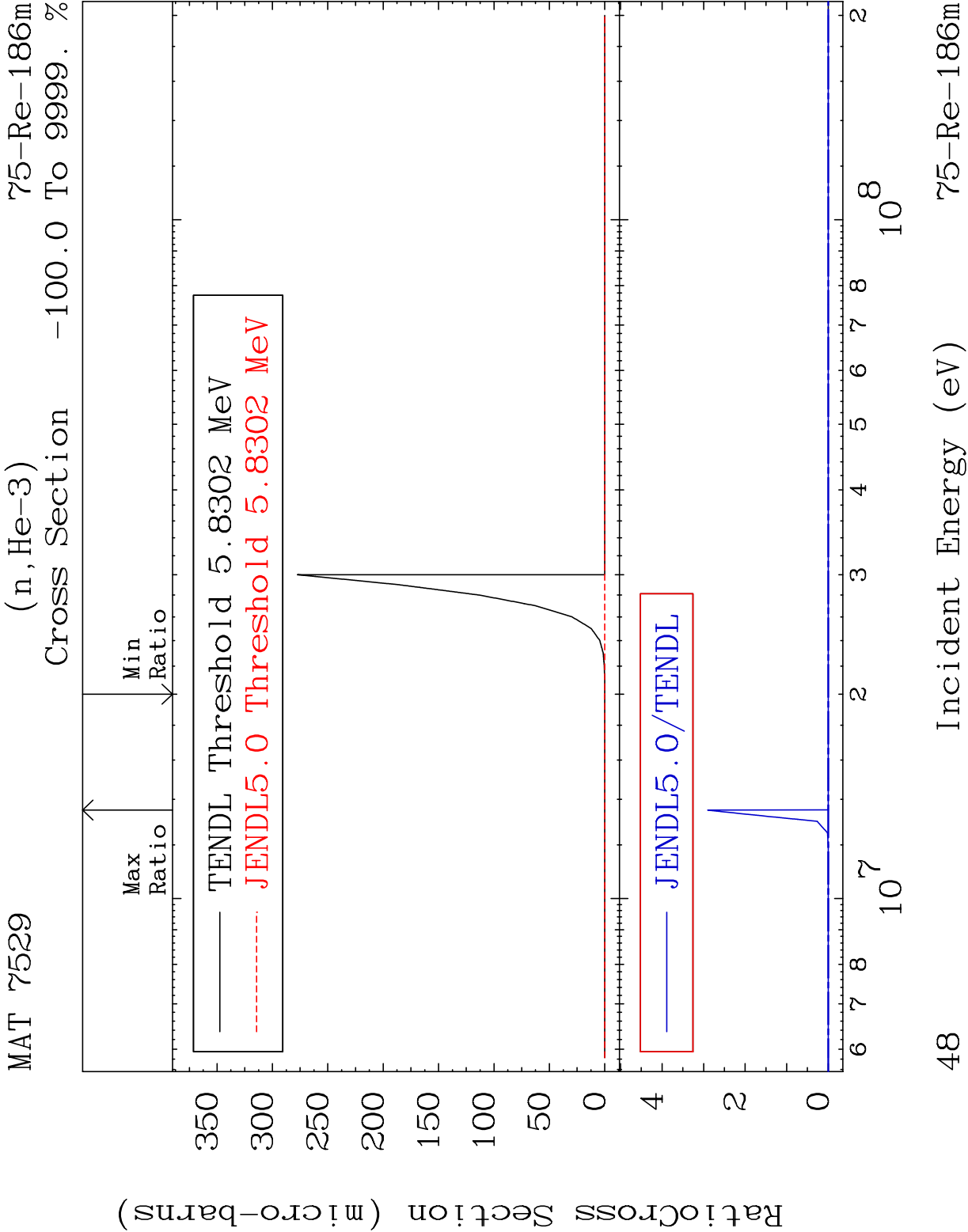


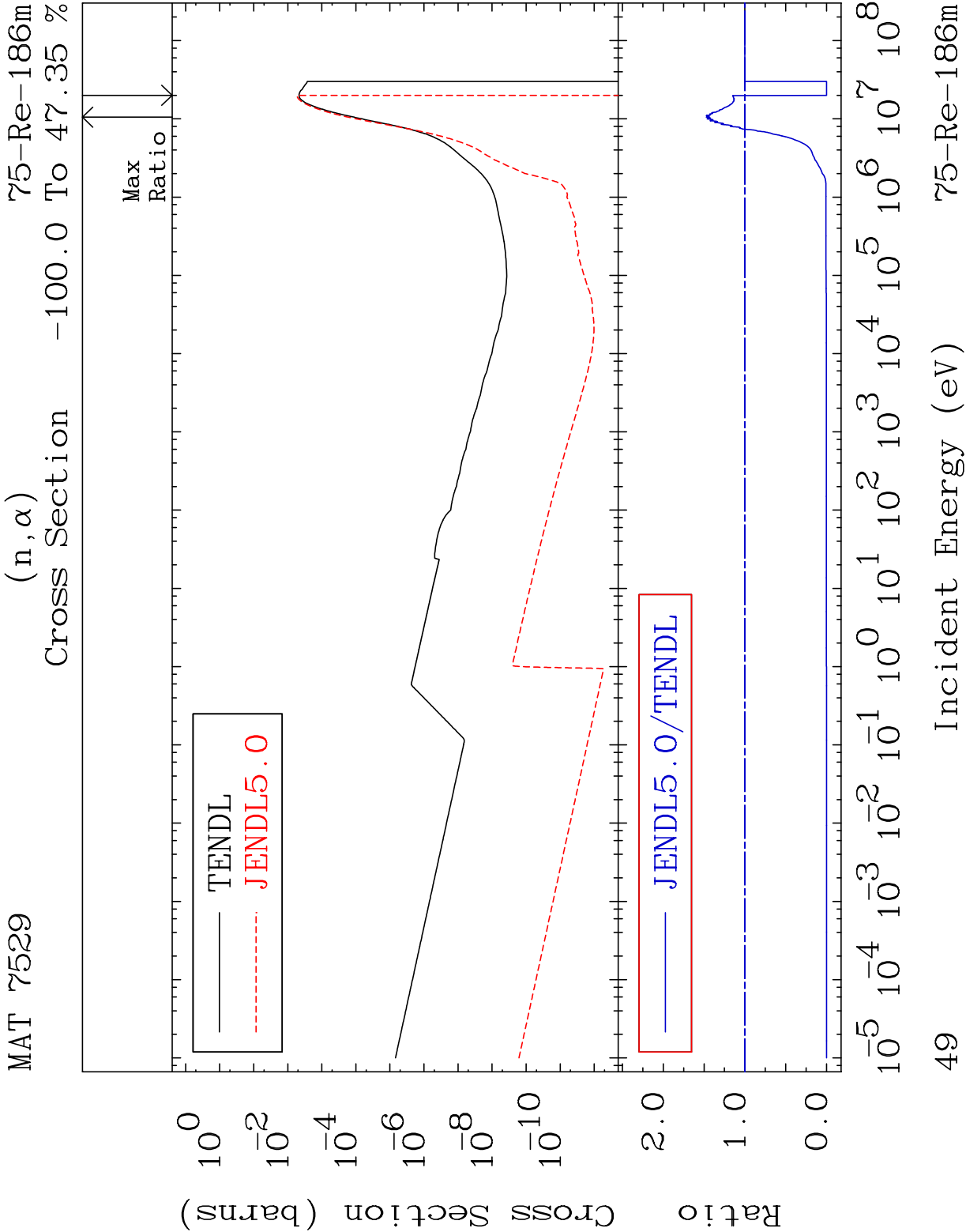


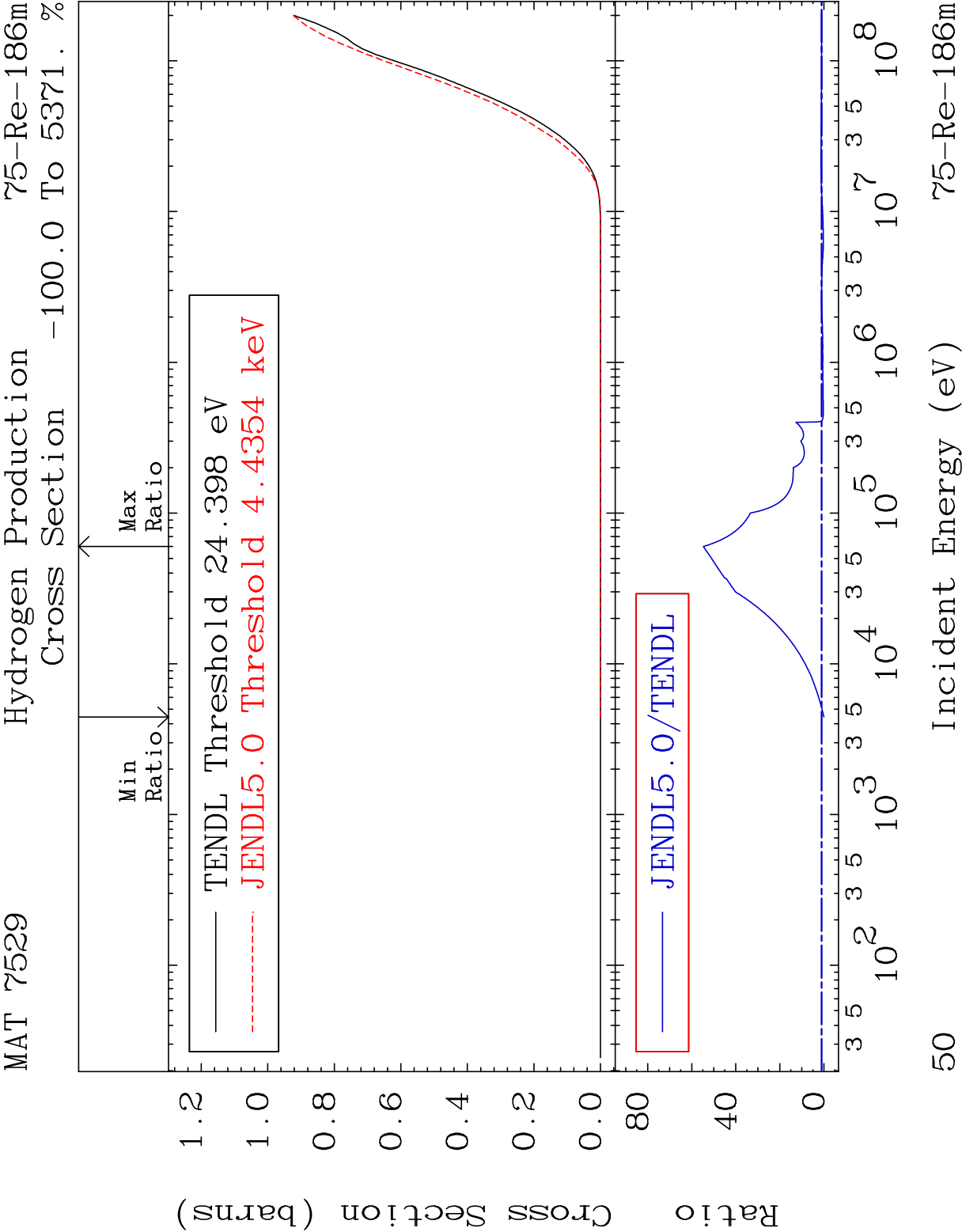


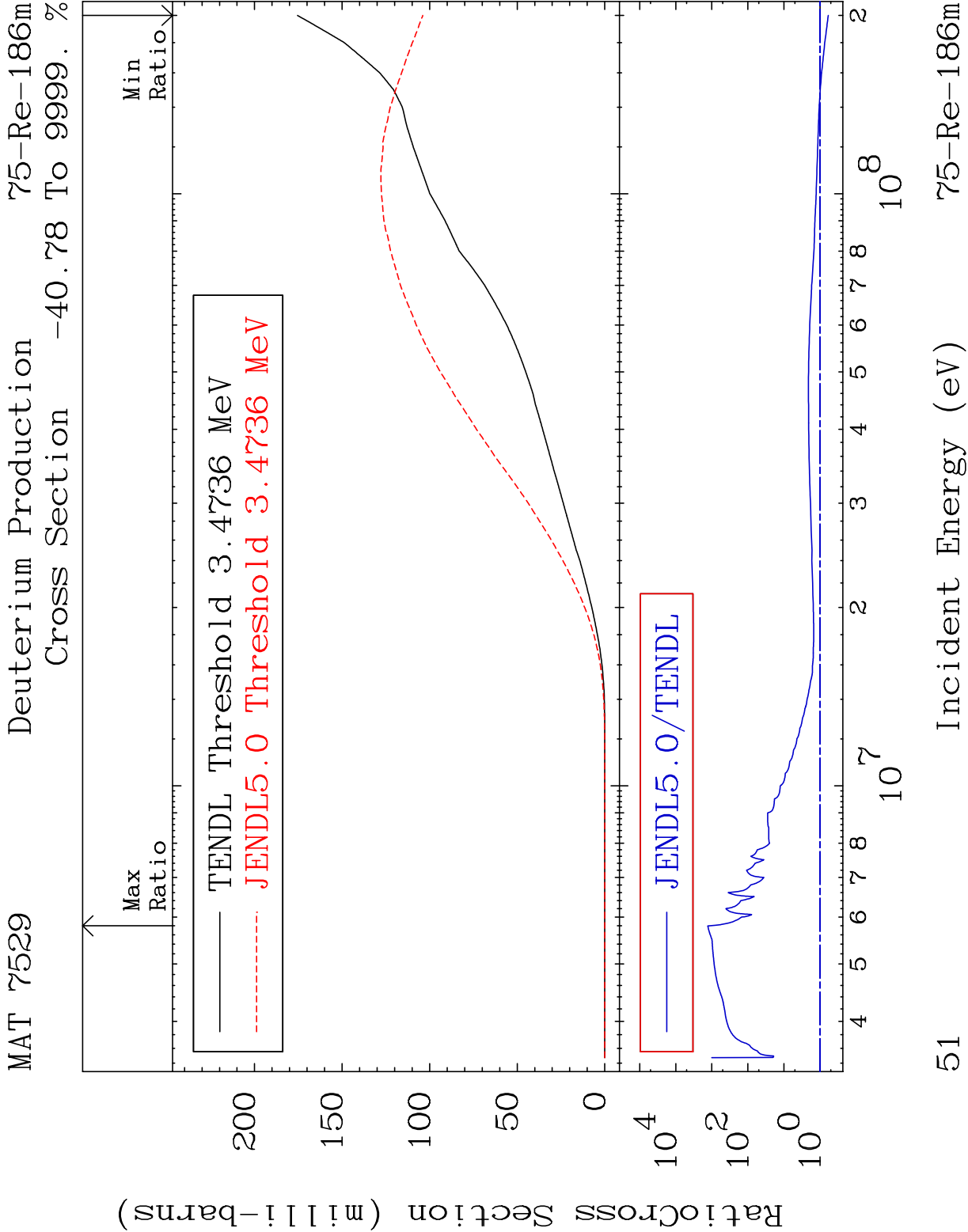


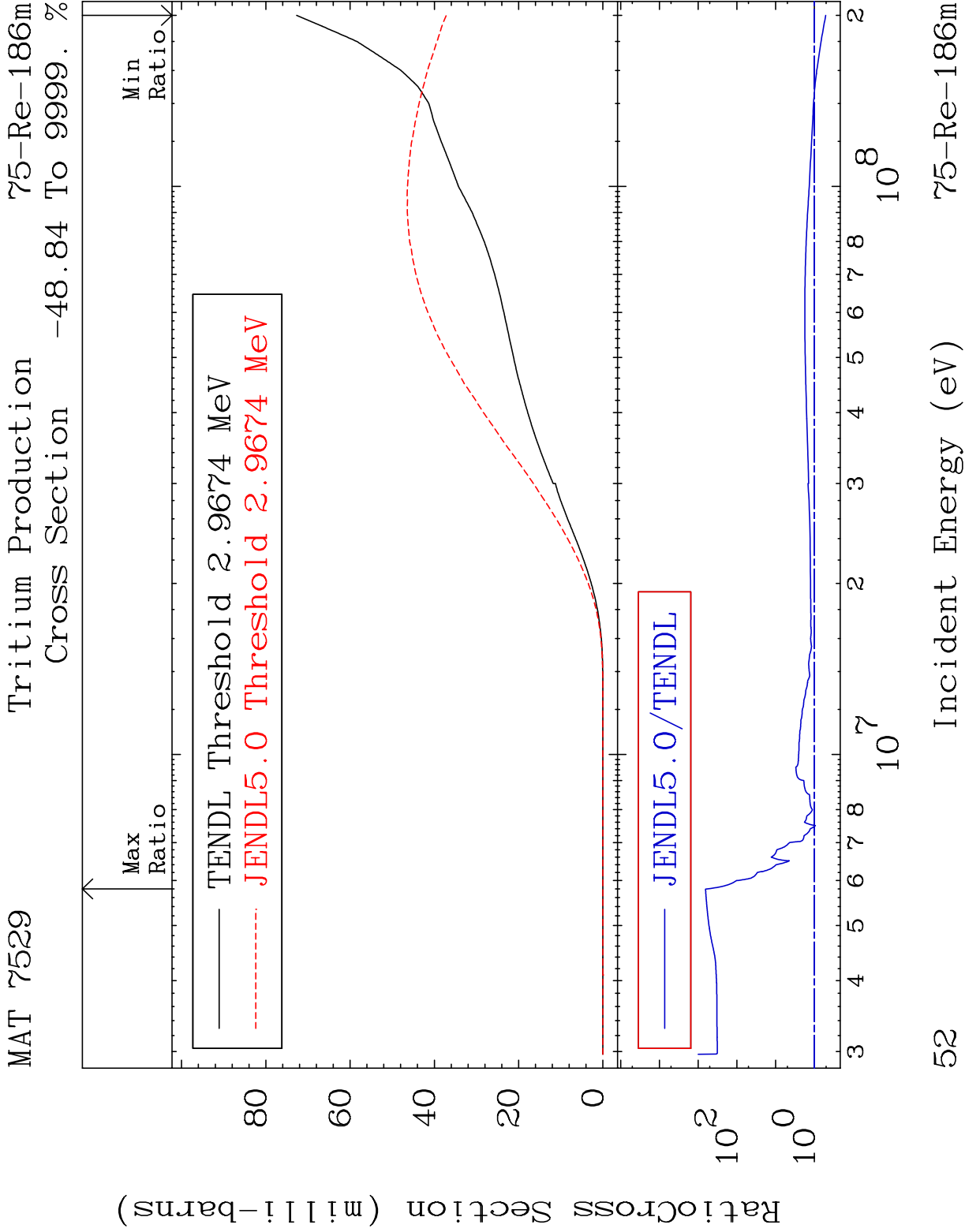


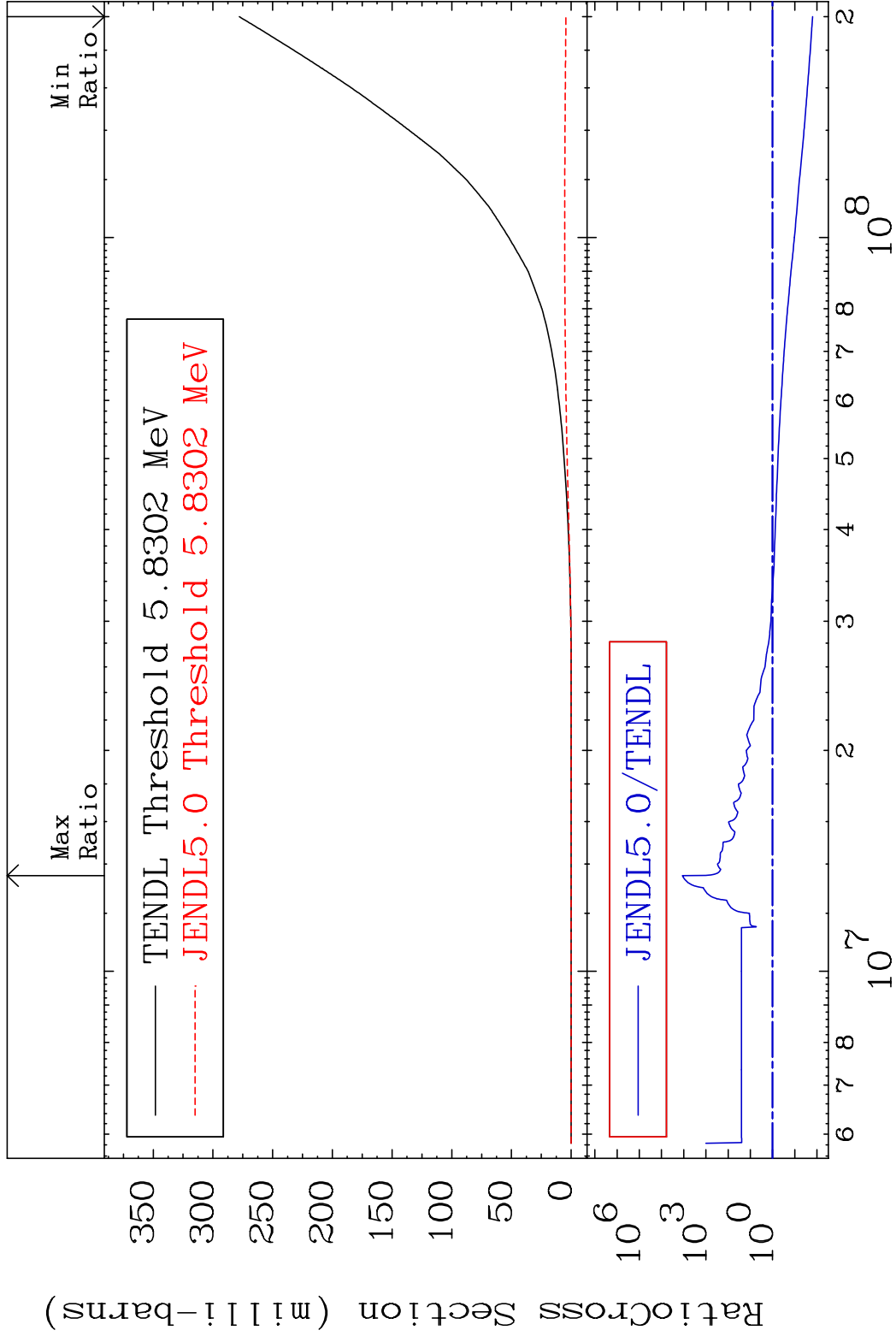










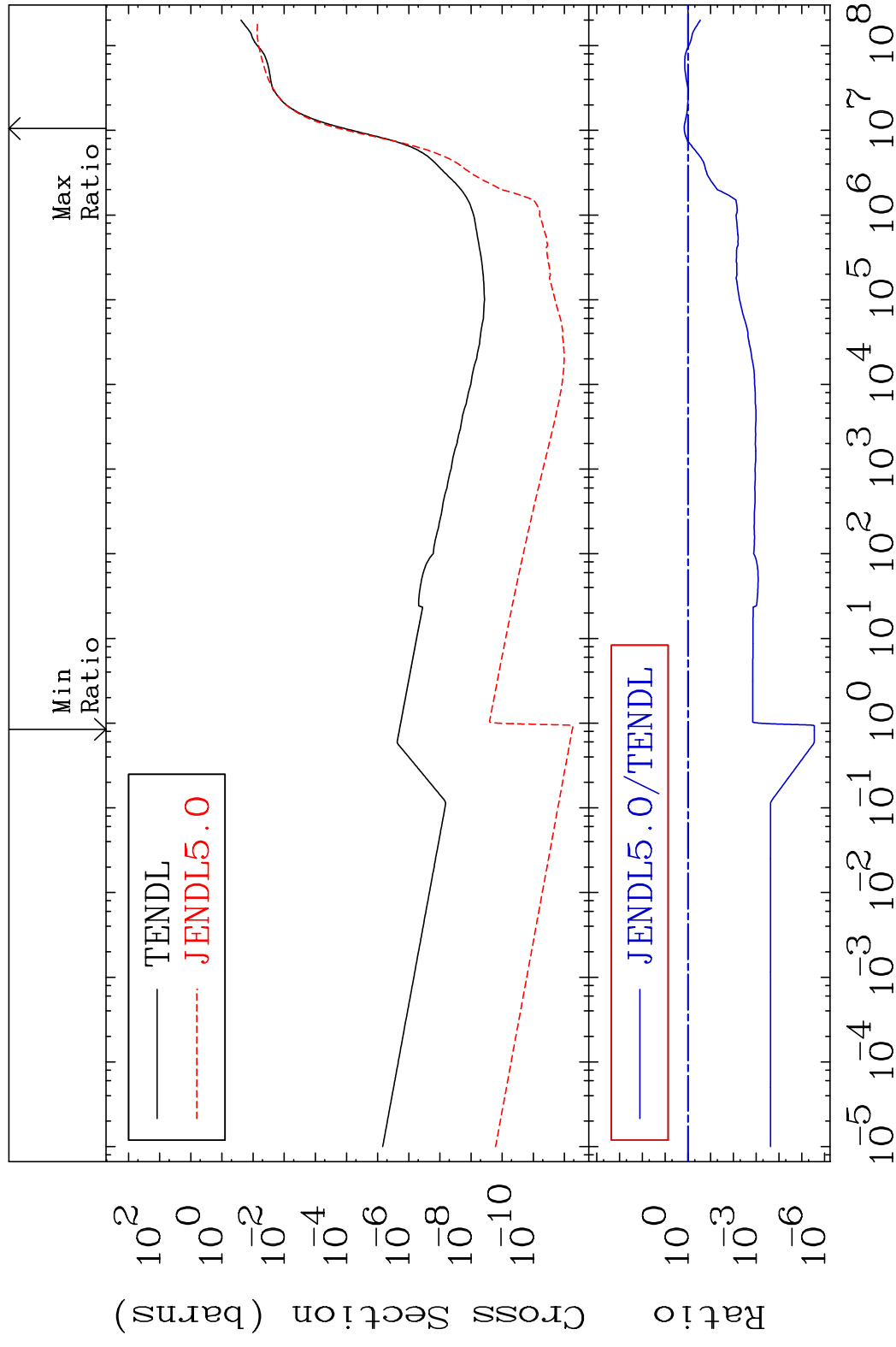


MAT 7529

He-4 Production

75-Re-186m

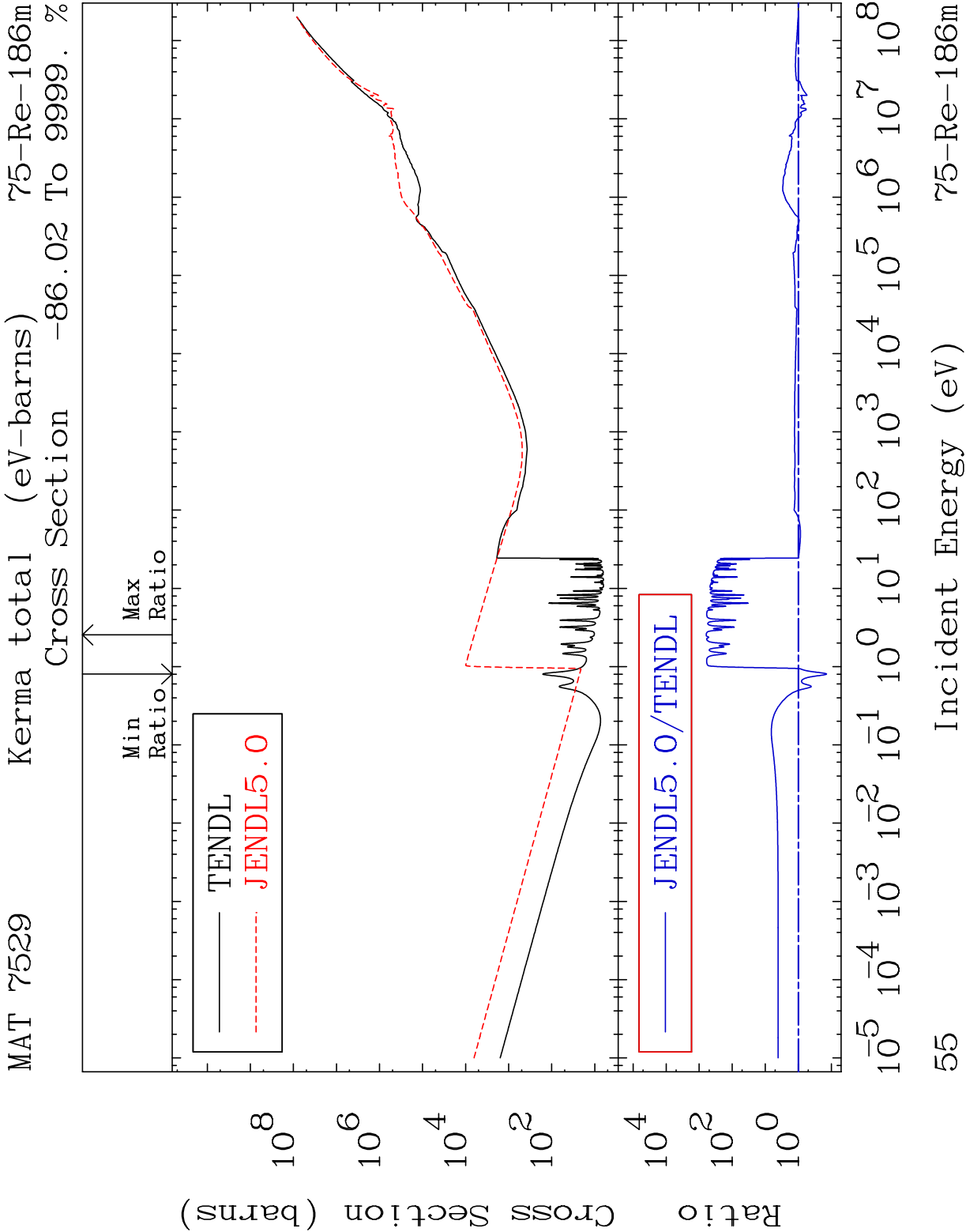
Cross Section	-100.0 To 46.99 %

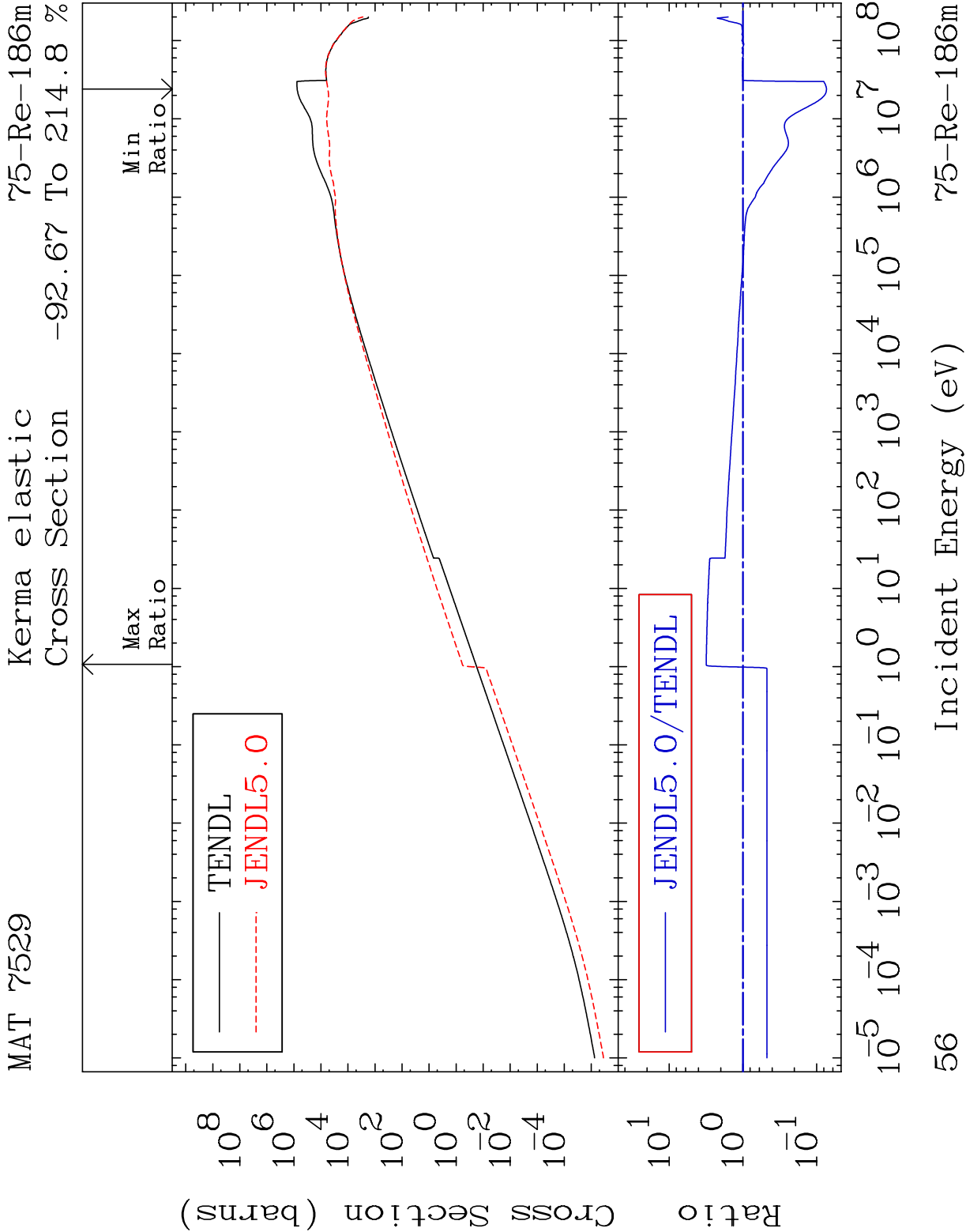


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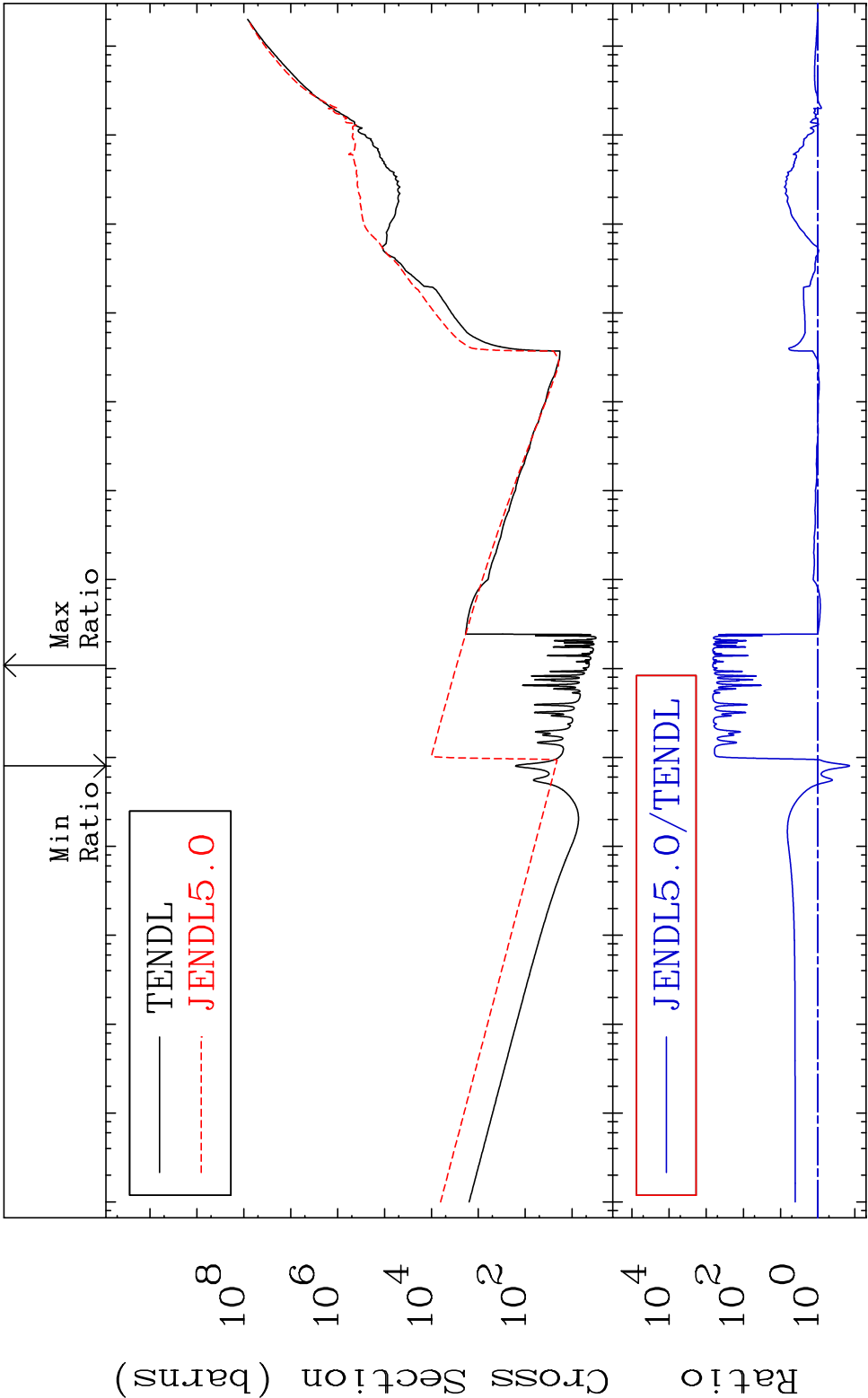
Incident Energy (eV)

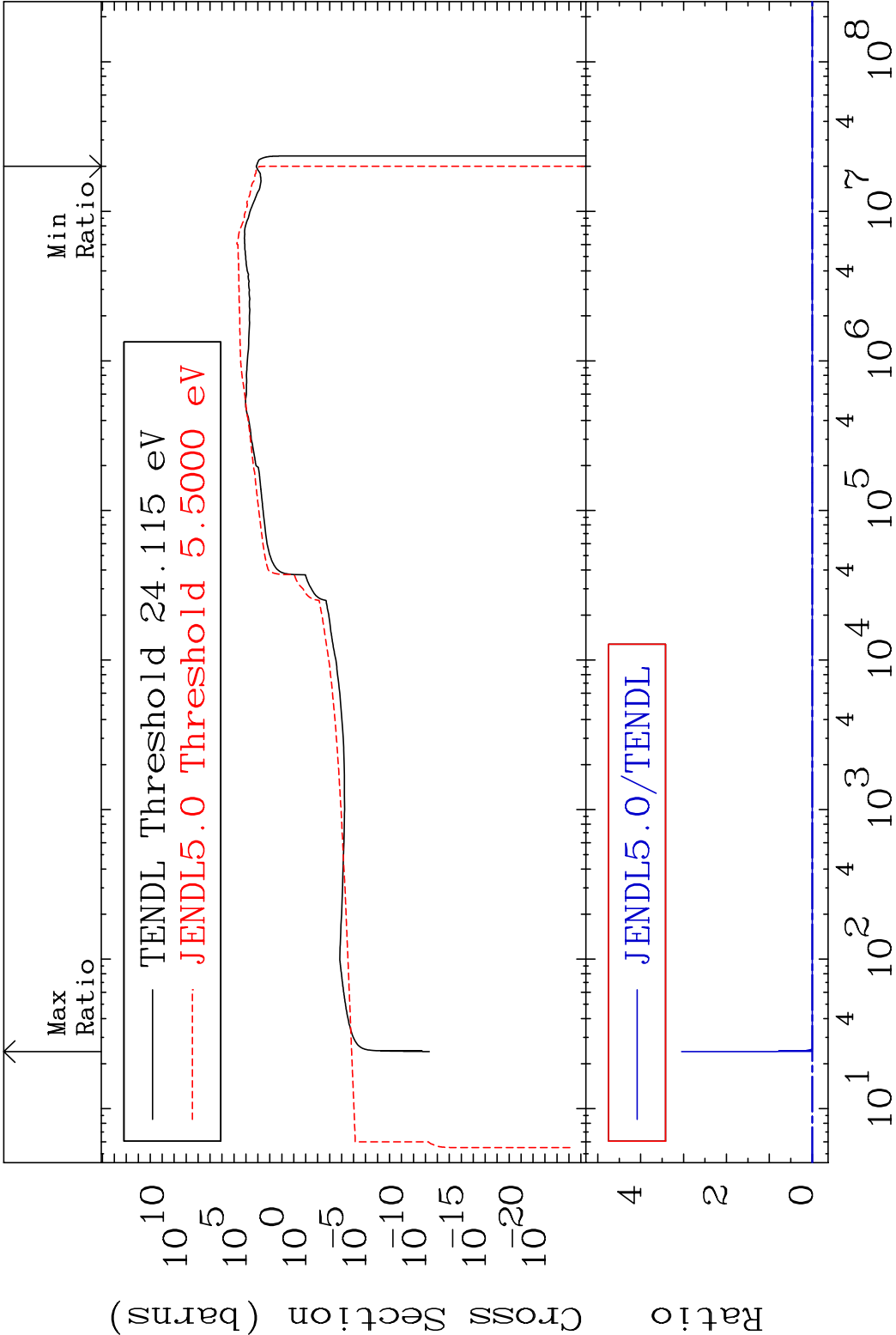
75-Re-186m





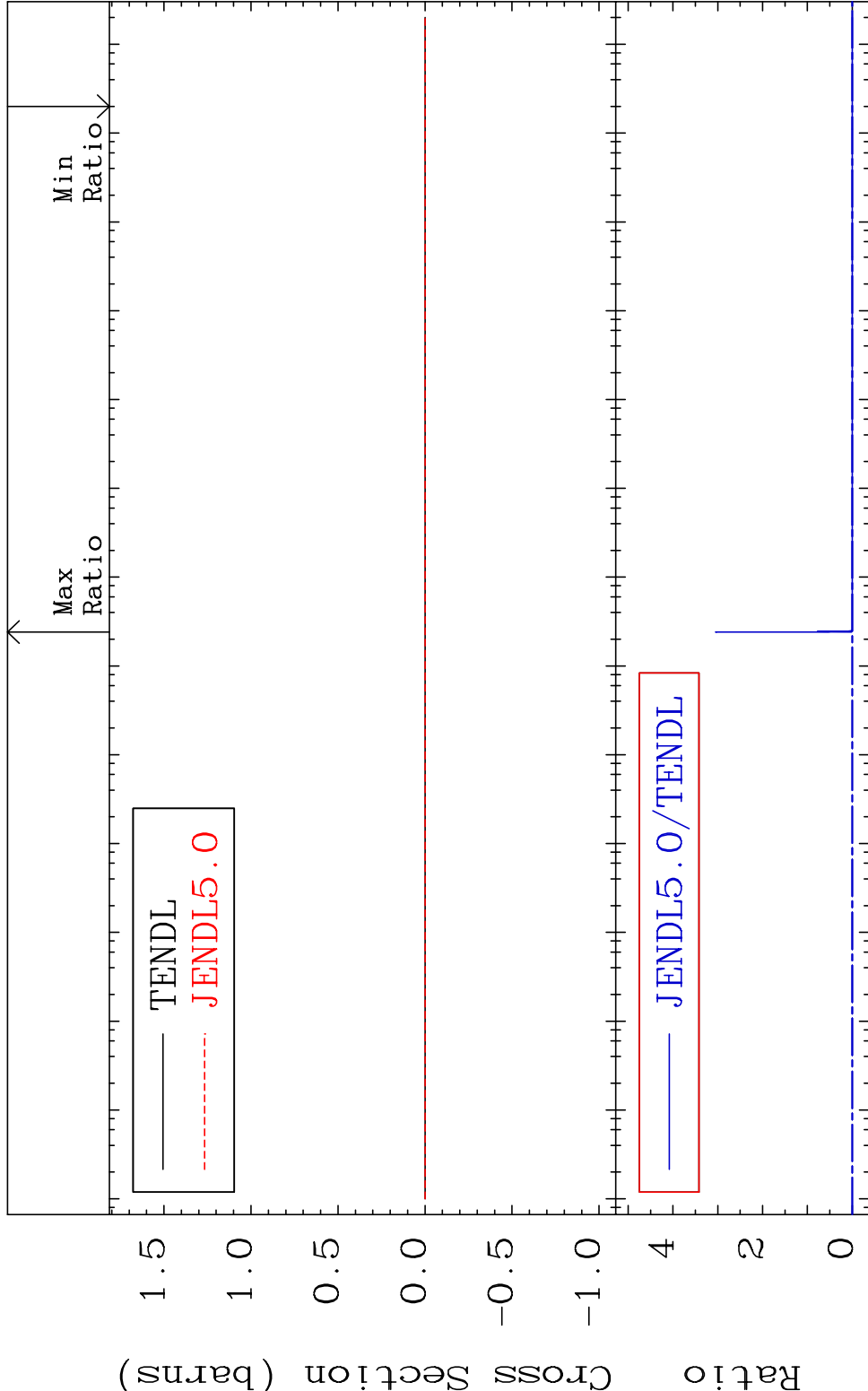
MAT 7529 Kerma non-elastic (all but mt2) 75-Re-186m
 Cross Section -86.05 To 9999. %





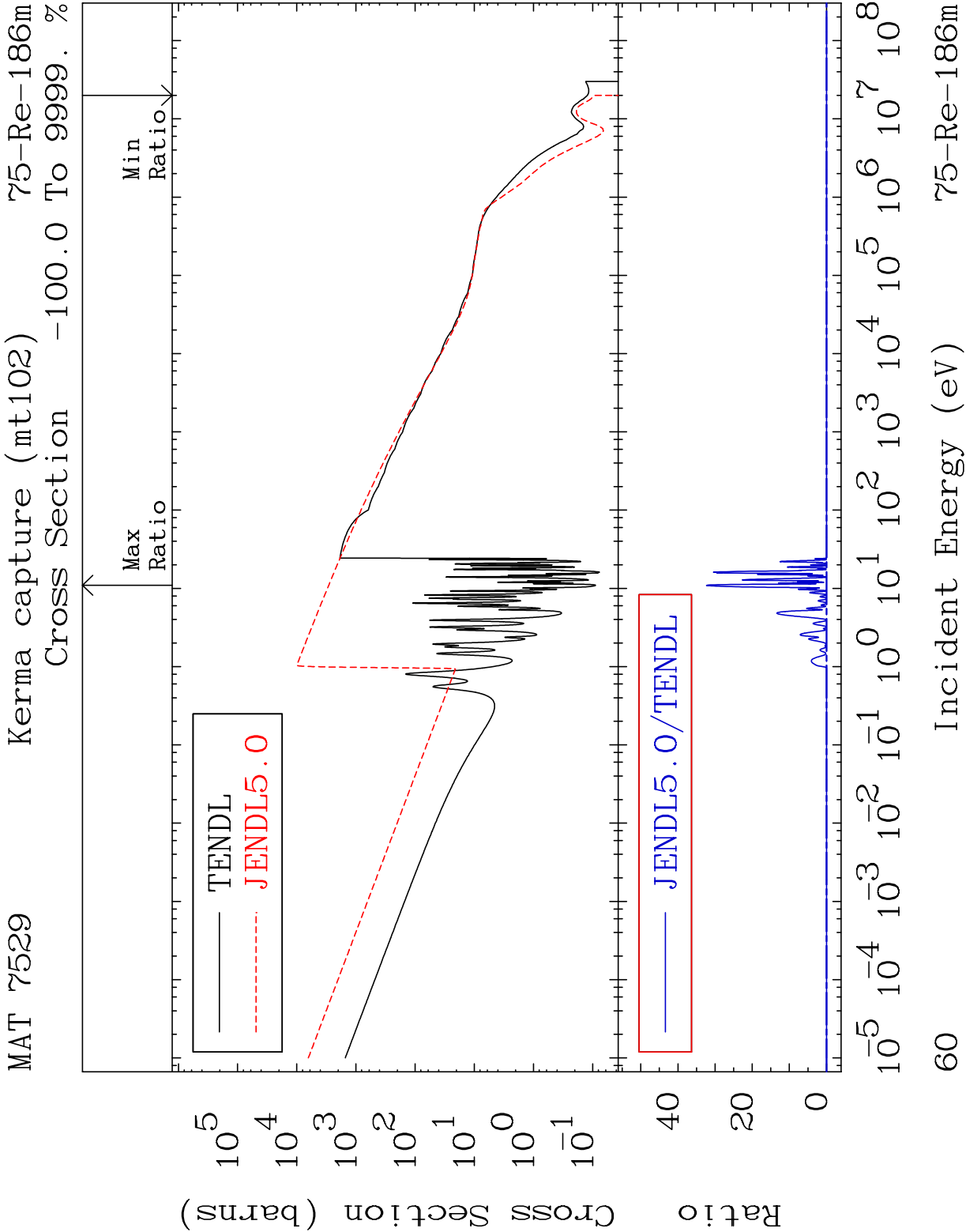
MAT 7529Kerma fission (mt18 or mt19-20-21-38)5-Re-186m

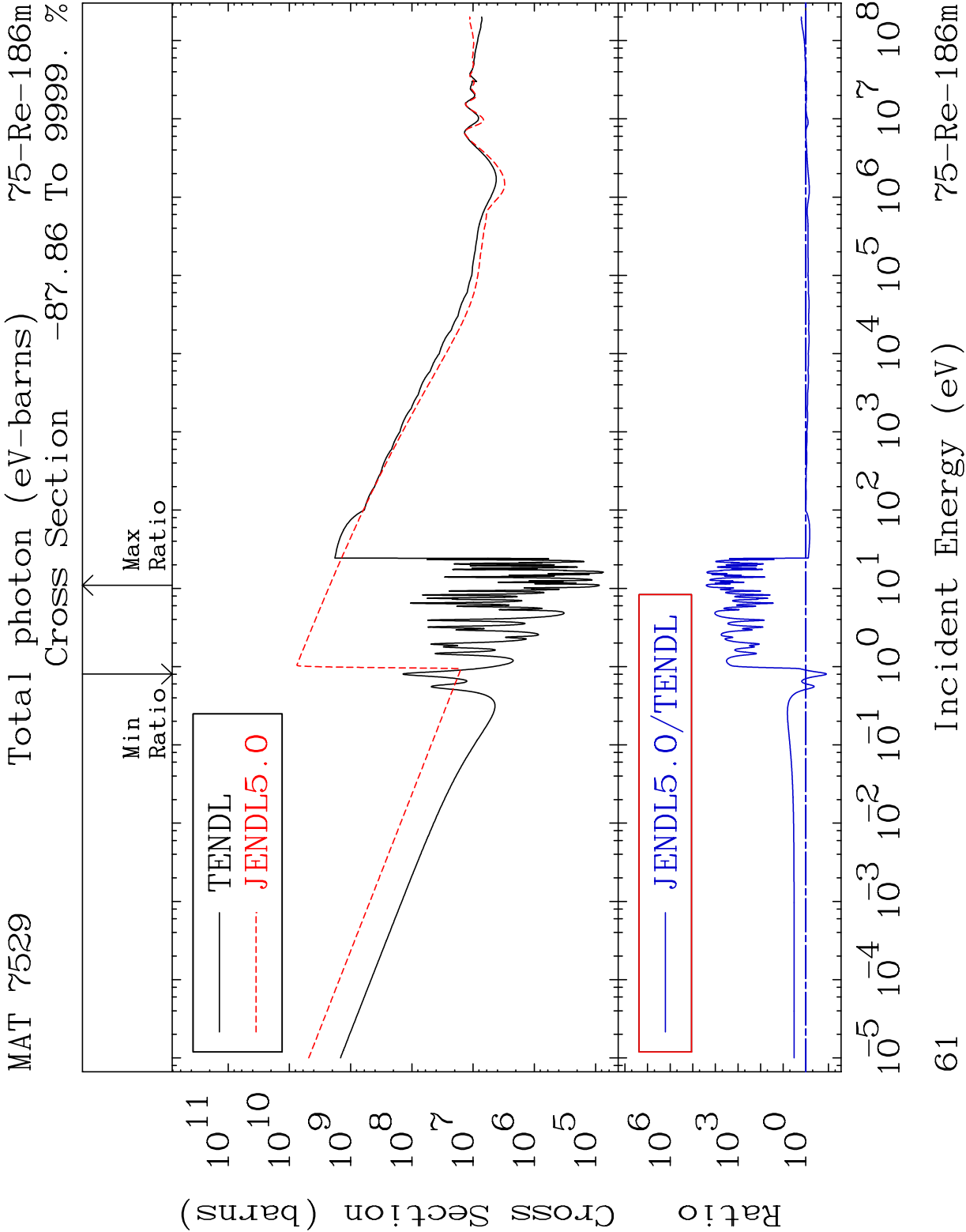
Cross Section -100.0 To 9999. %



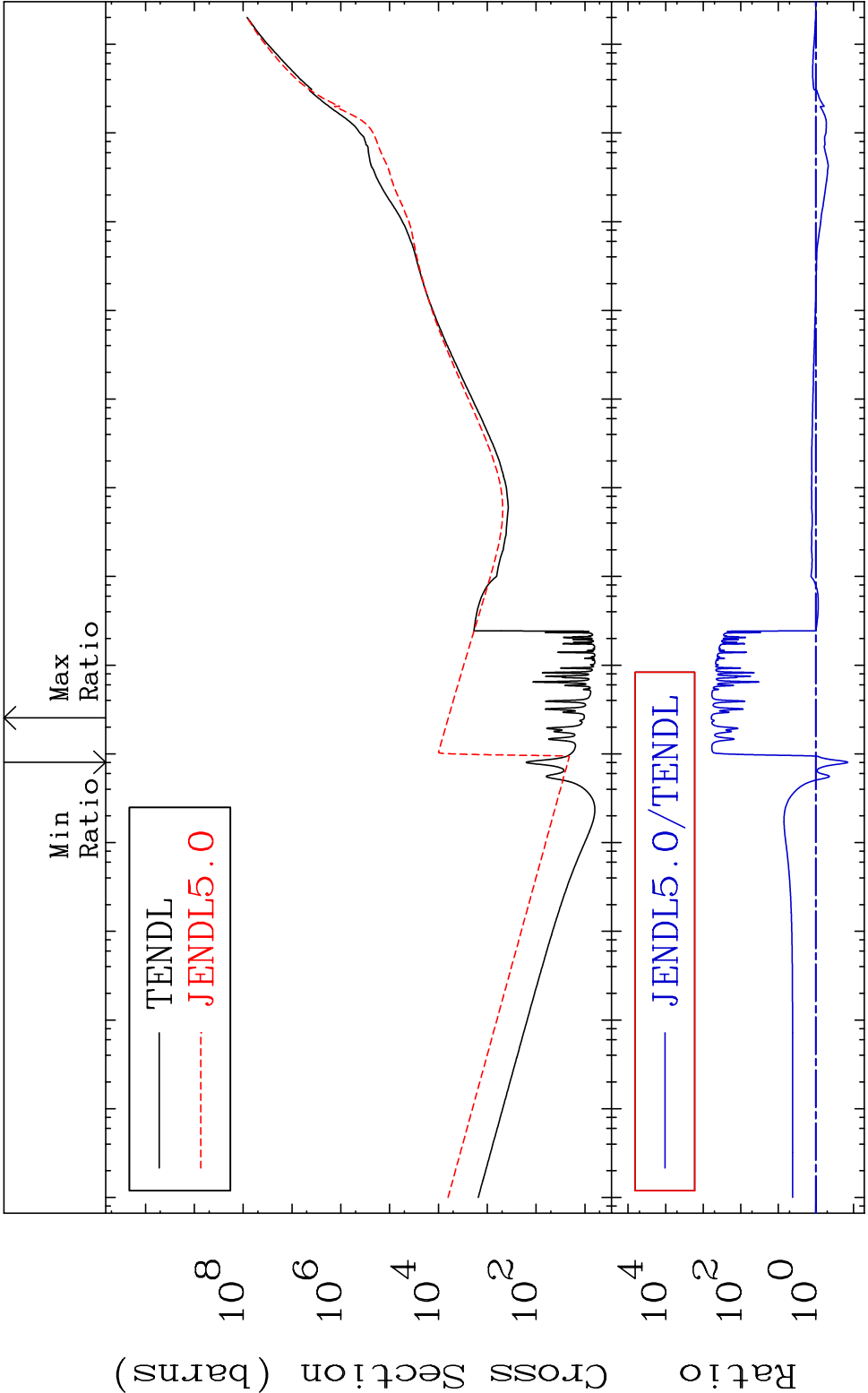
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

59 Incident Energy (eV) 75-Re-186m





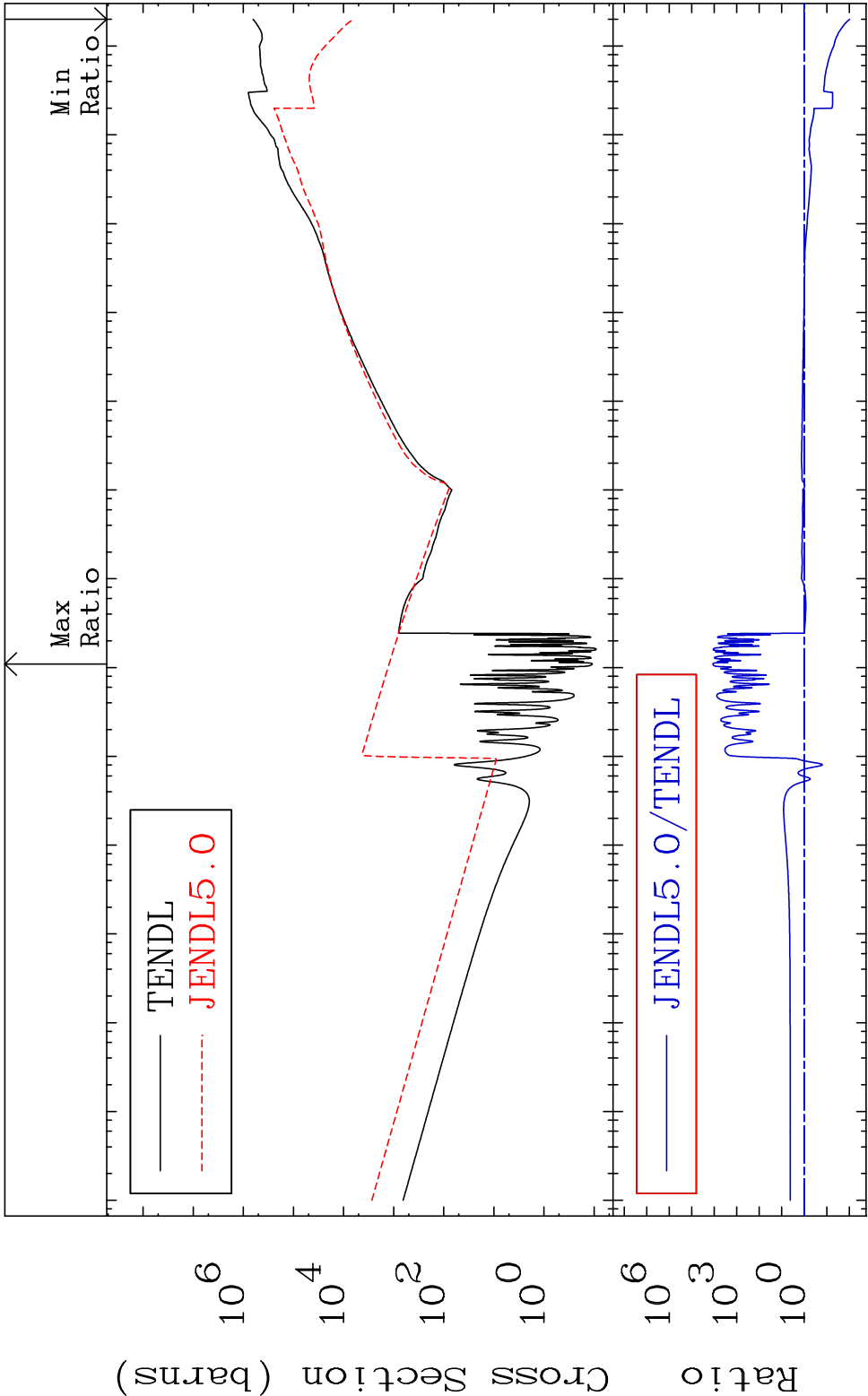
MAT 7529 Total kinematic kerma (high limit)75-Re-186m
Cross Section -85.84 To 9999. %



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

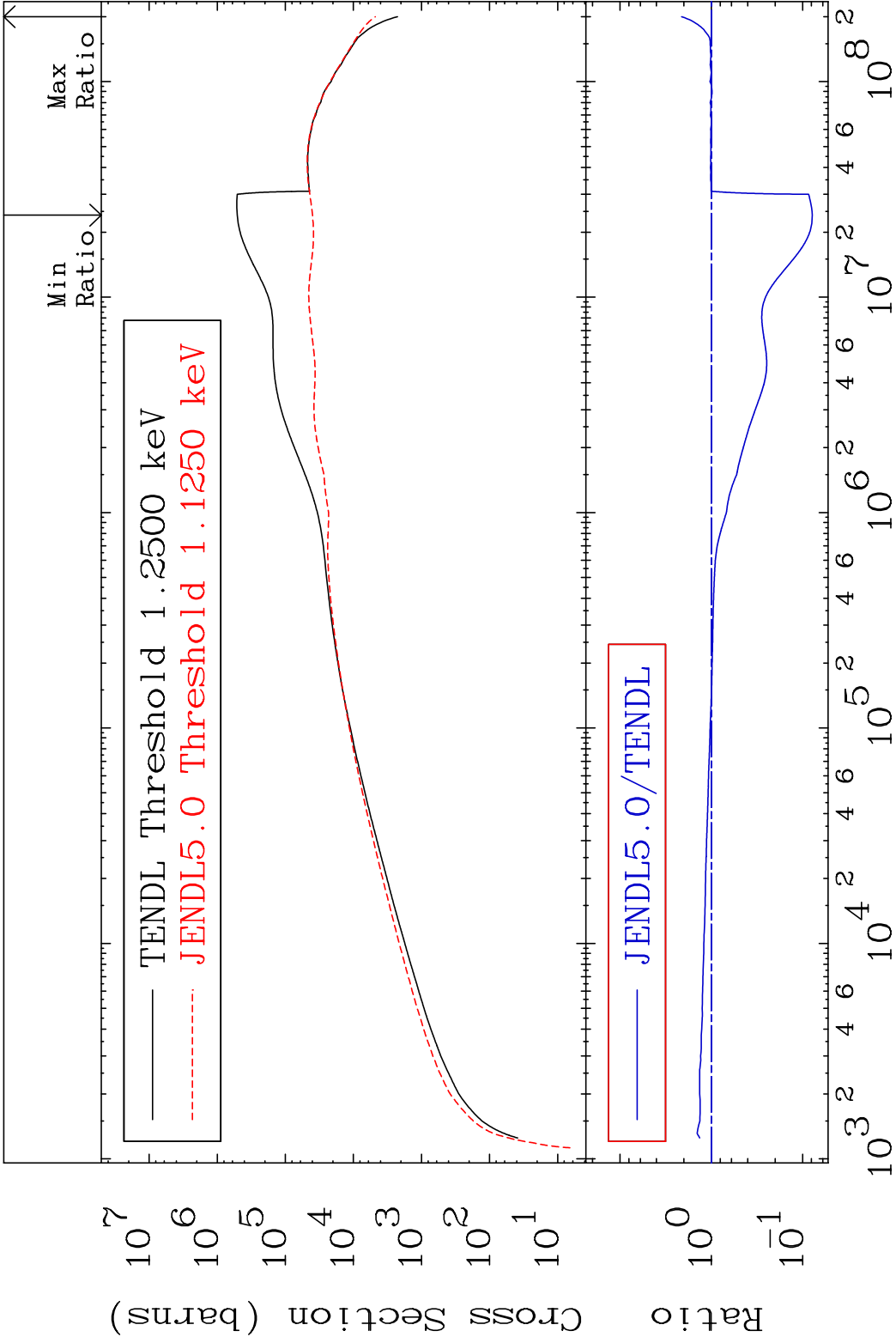
62 Incident Energy (eV) 75-Re-186m

MAT 7529 Dpa total (eV-barns) 75-Re-186m
Cross Section -99.03 To 9999. %



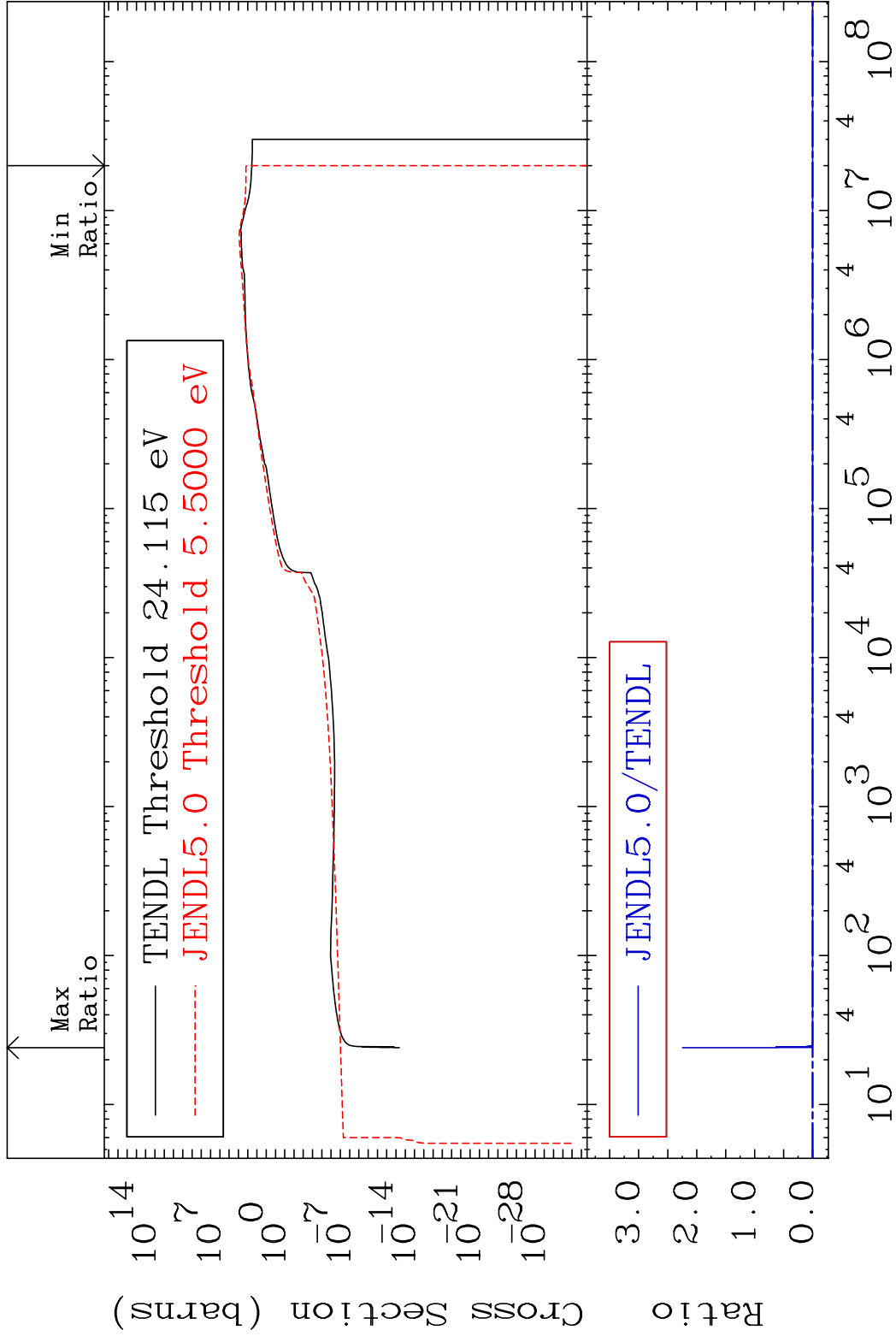
63 Incident Energy (eV) 75-Re-186m

MAT 7529 Dpa elastic (mt2) 75-Re-186m
Cross Section -92.16 To 112.1 %



64 Incident Energy (eV) 75-Re-186m

MAT 7529 Dpa inelastic (mt51-91) 75-Re-186m
Cross Section -100.0 To 9999. %



MAT 7529 Dpa disappearance (mt102 -120) 75-Re-186m
Cross Section -100.0 To 9999. %

