

Program Complot
(Version 2021-1)

by

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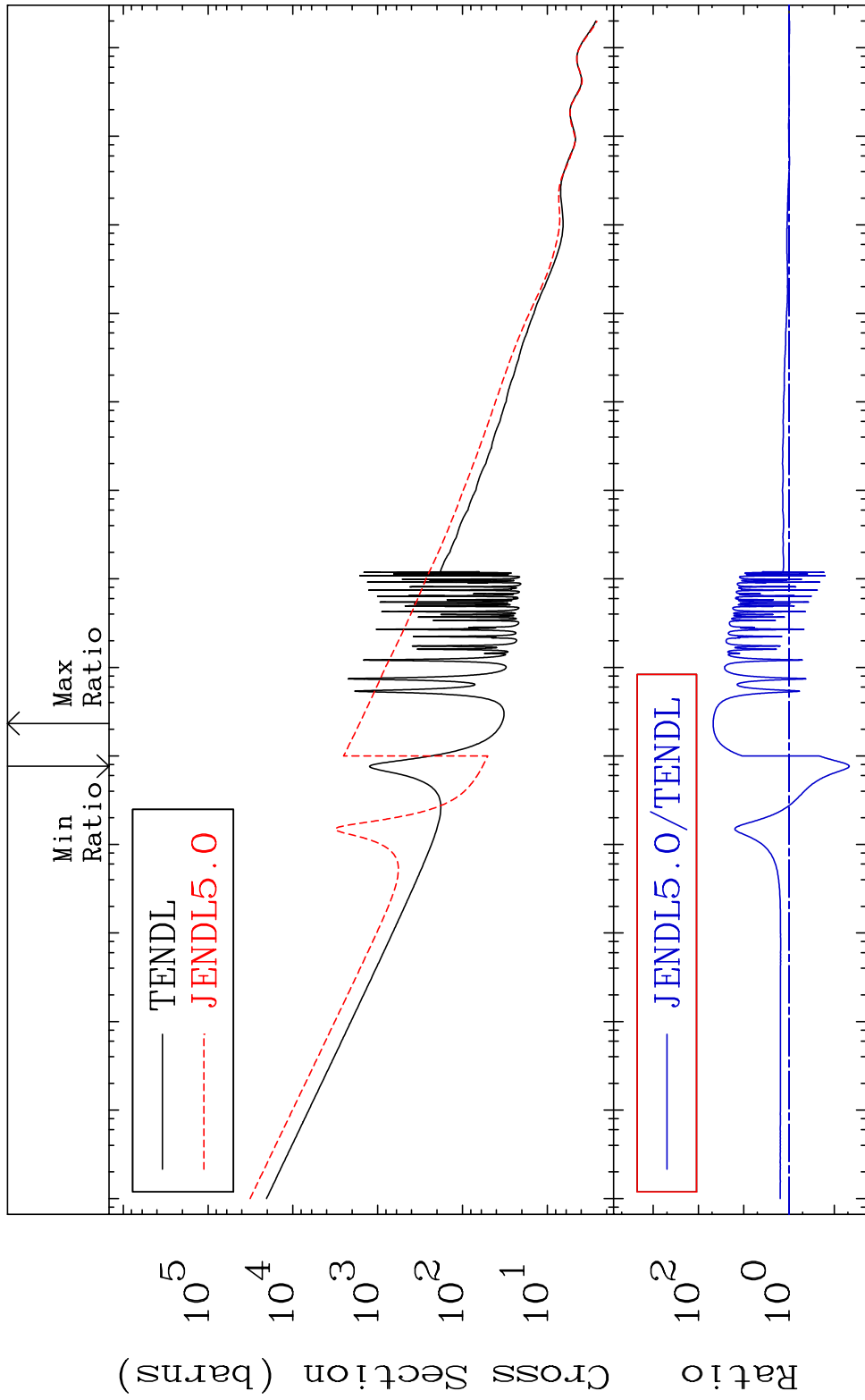
Press Mouse Button to Start

MAT 7132

Total

71-Lu-177m

Cross Section -95.34 To 4641. %



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

1

Incident Energy (eV)

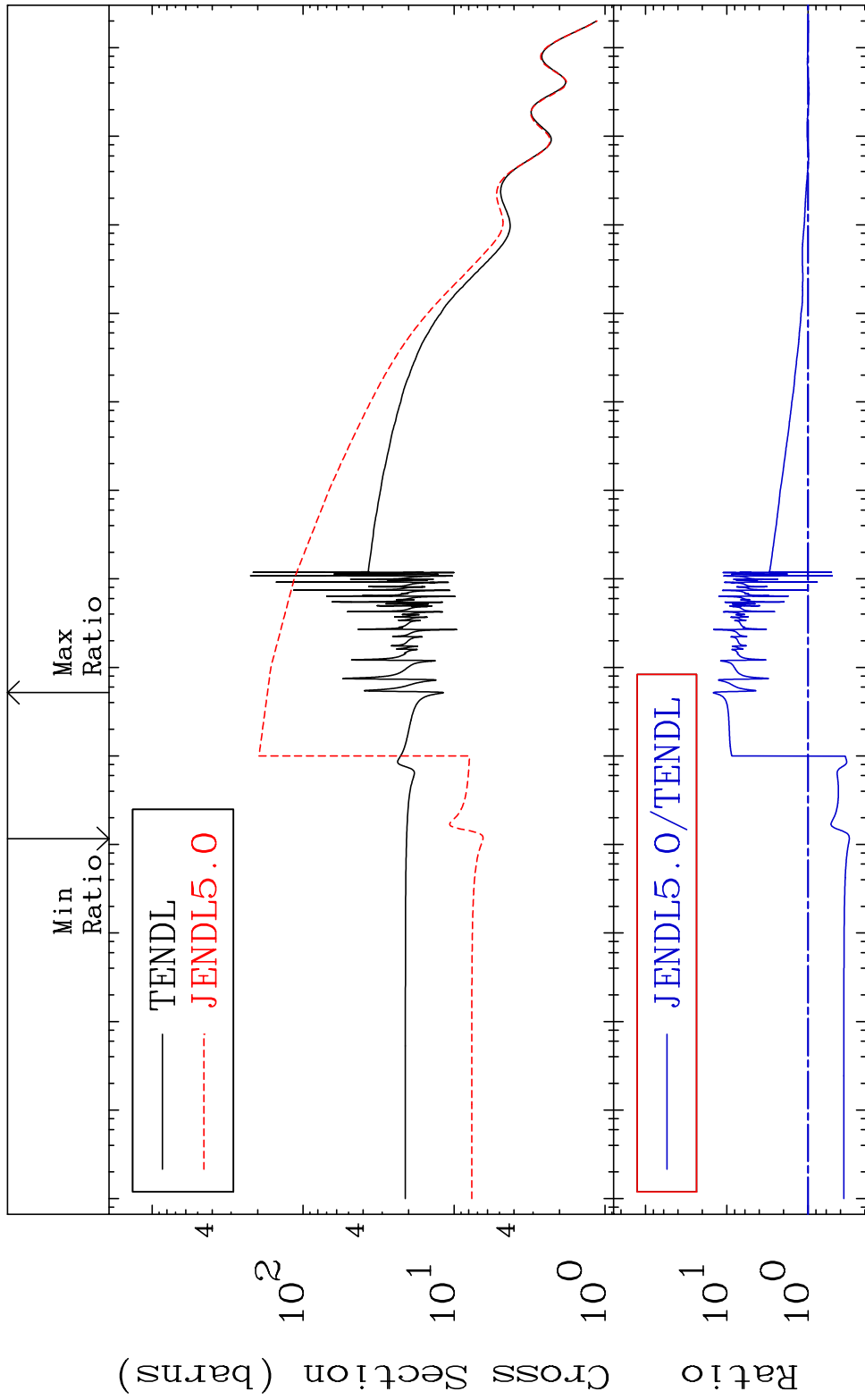
71-Lu-177m

MAT 7132

Elastic

71-Lu-177m

Cross Section -68.85 To 1371. %



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

2

Incident Energy (eV)

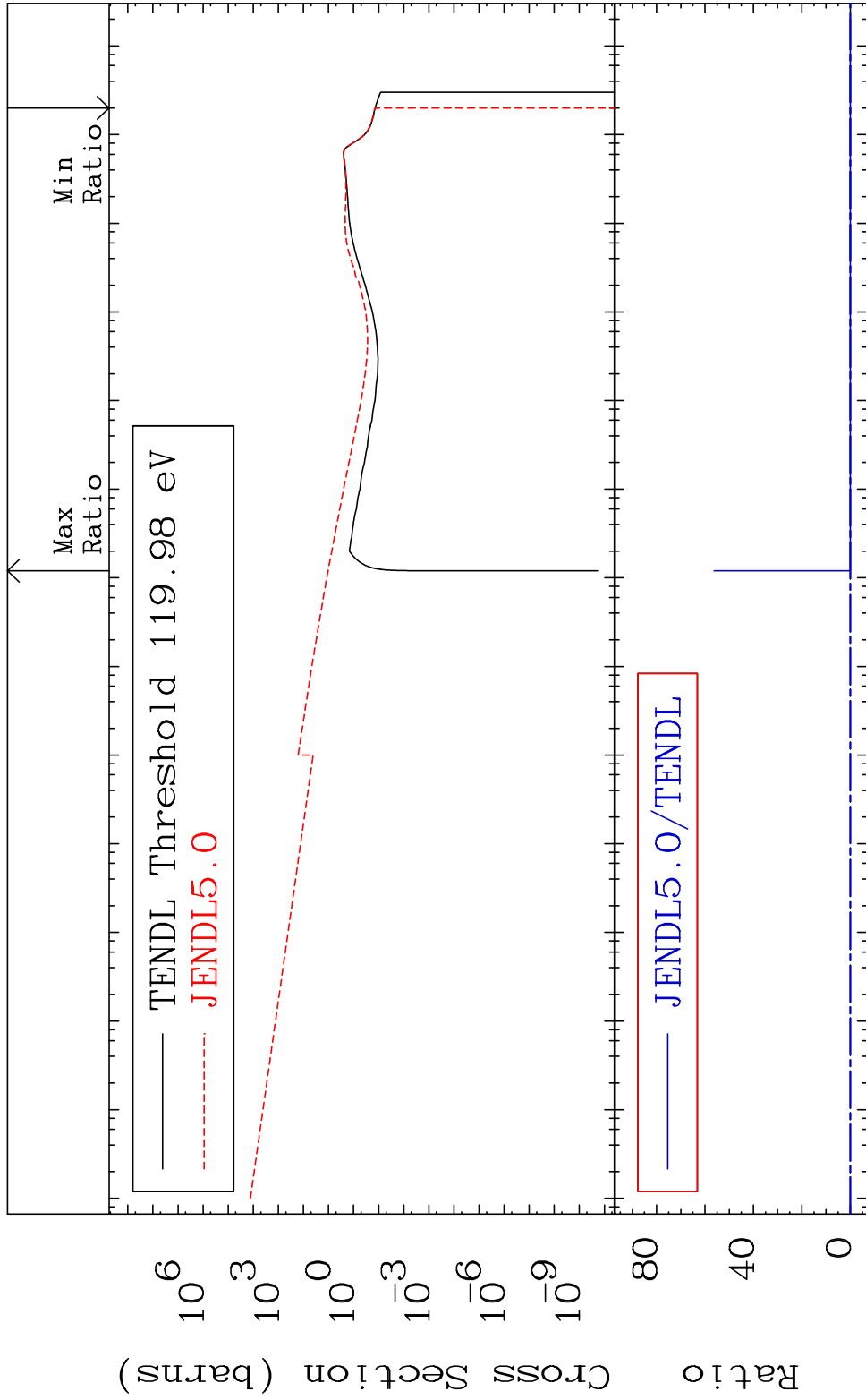
71-Lu-177m

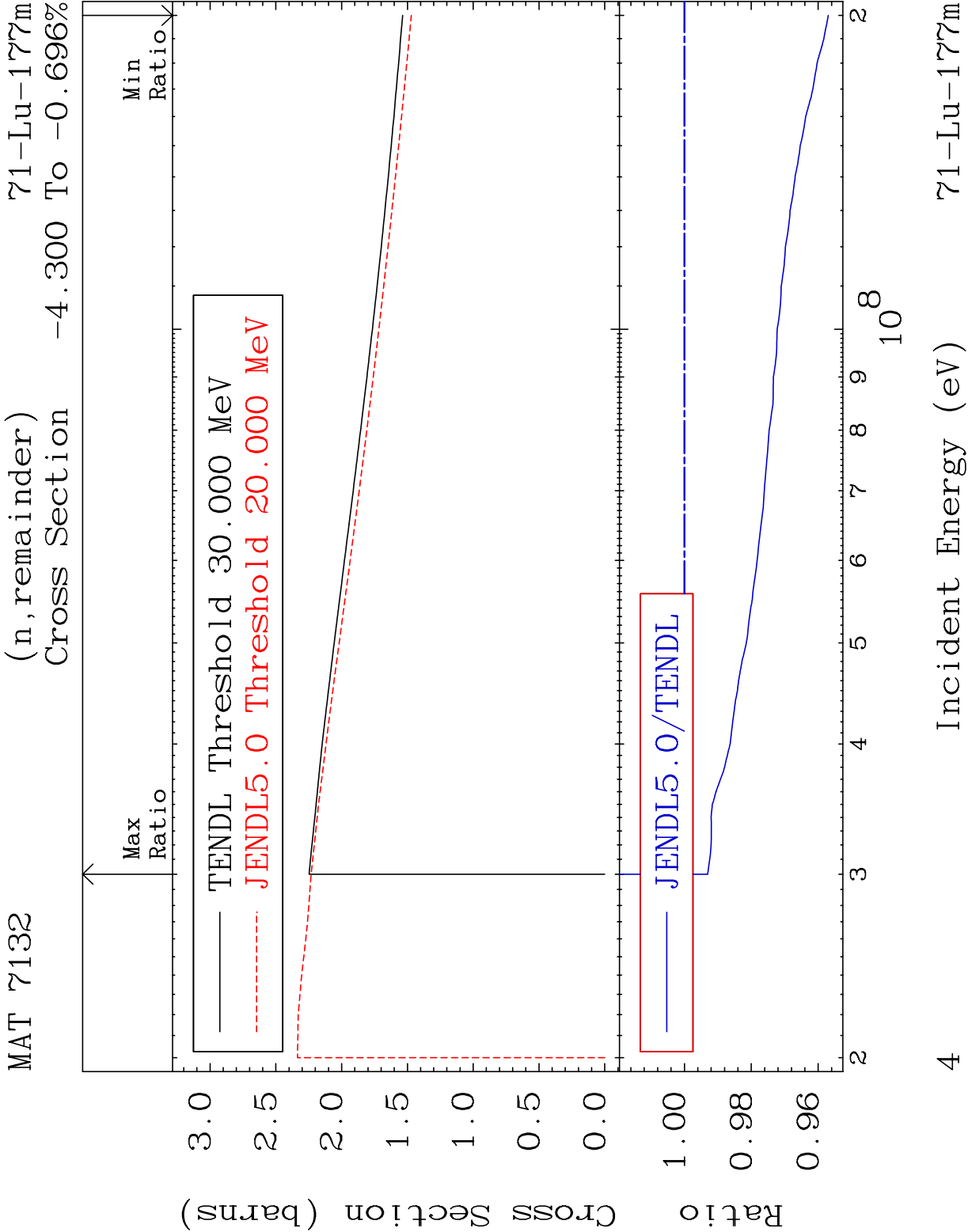
MAT 7132

Inelastic

71-Lu-177m

Cross Section -100.0 To 9999. %



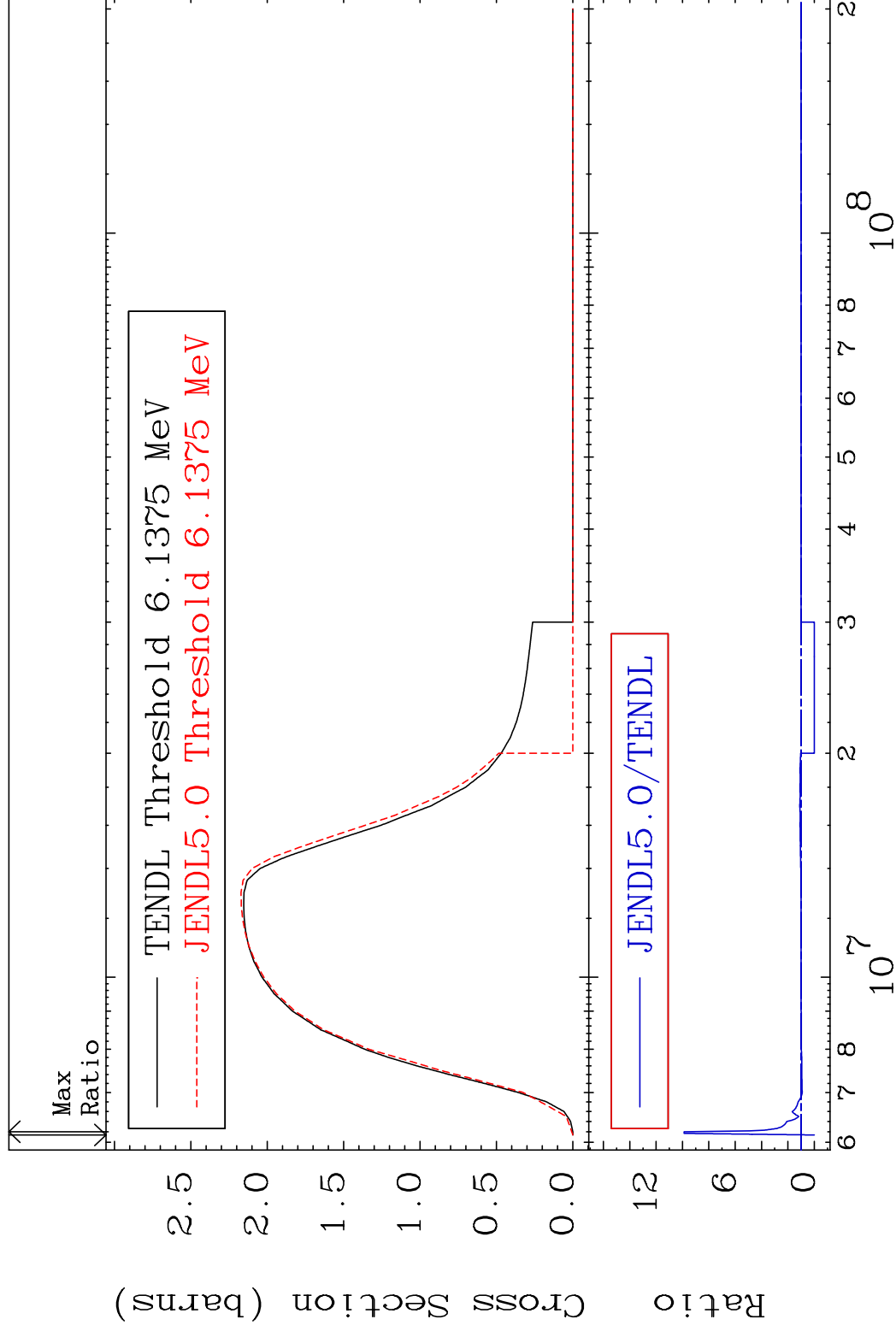


MAT 7132

$$(n, 2n)$$

71-Lu-177m

Cross Section	-100.0 To 888.0 %
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TENDL Threshold 6.1375 MeV

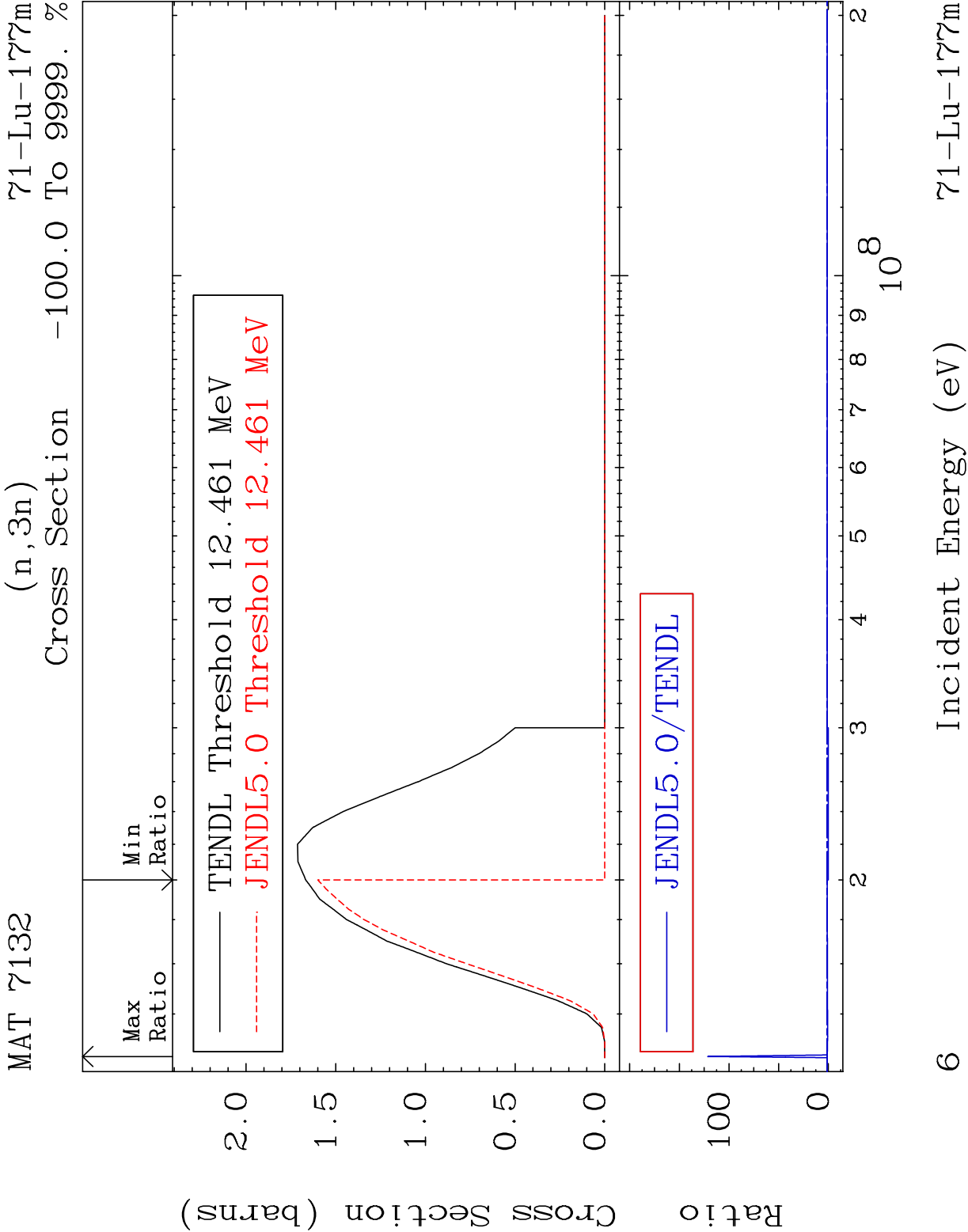
JENDL5.0 Threshold 6.1375 MeV

JENDL5.0/TENDL

5

Incident Energy (eV)

71-Lu-177m

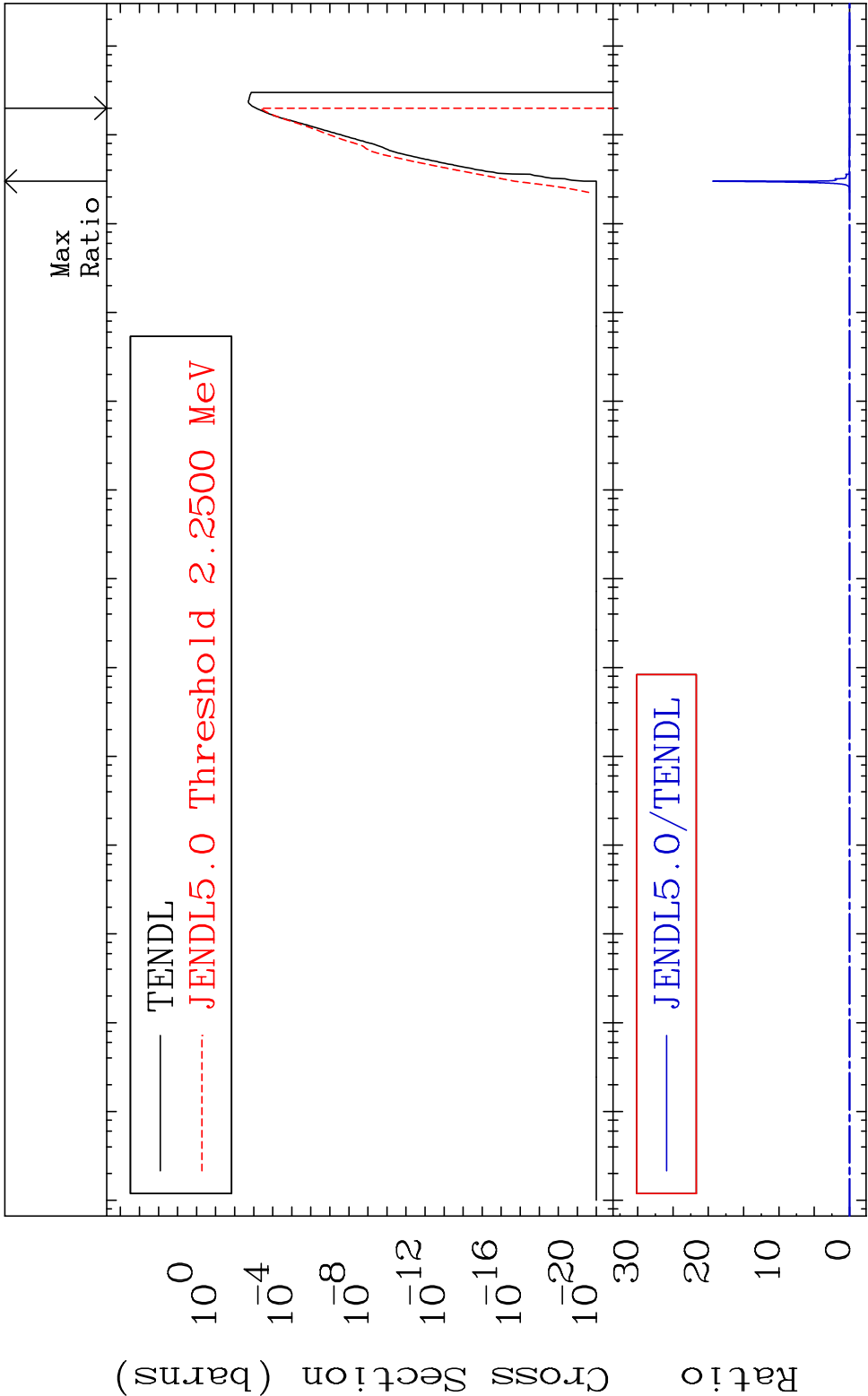


MAT 7132

(n,n') α

71-Lu-177m

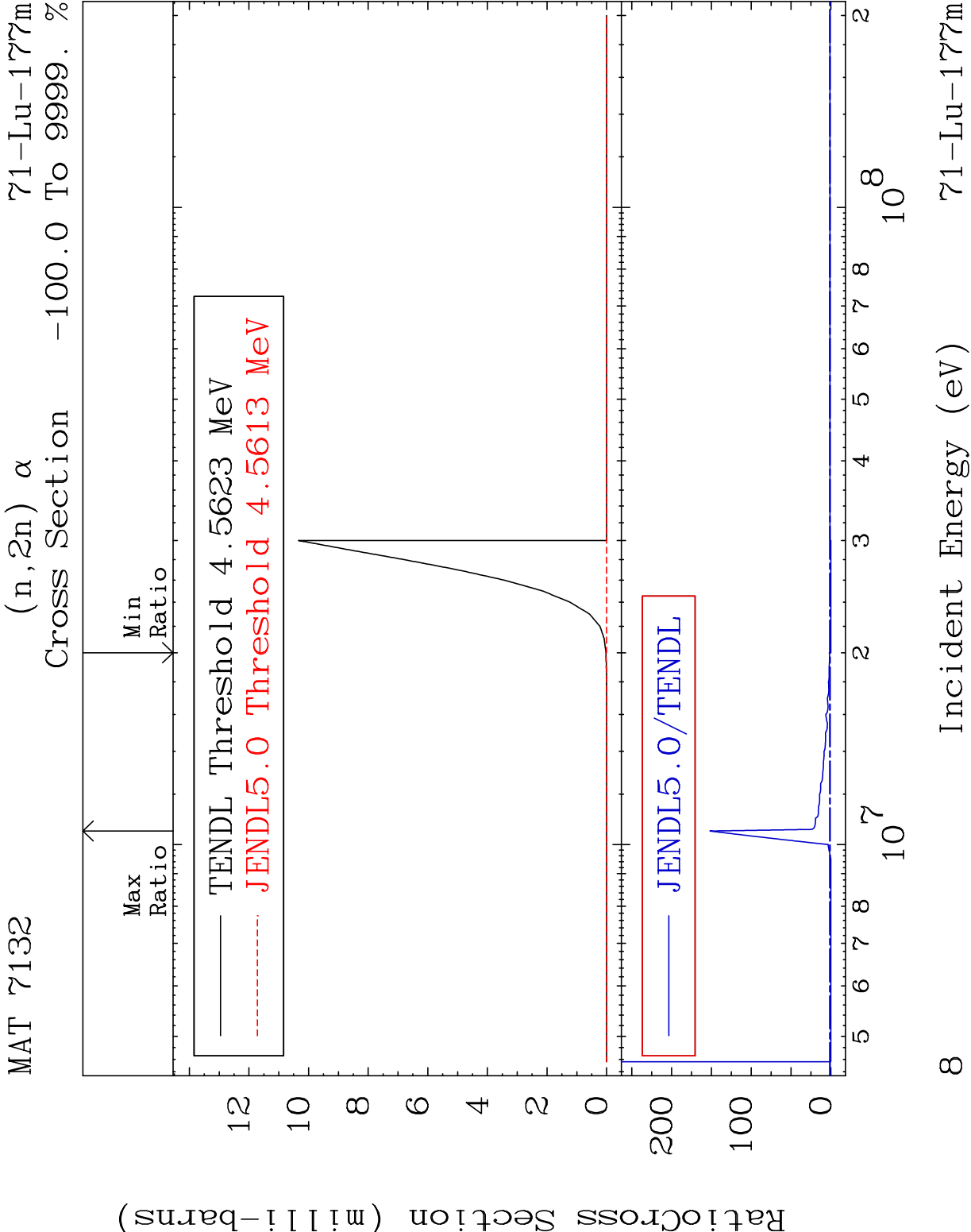
Cross Section -100.0 To 9999. %

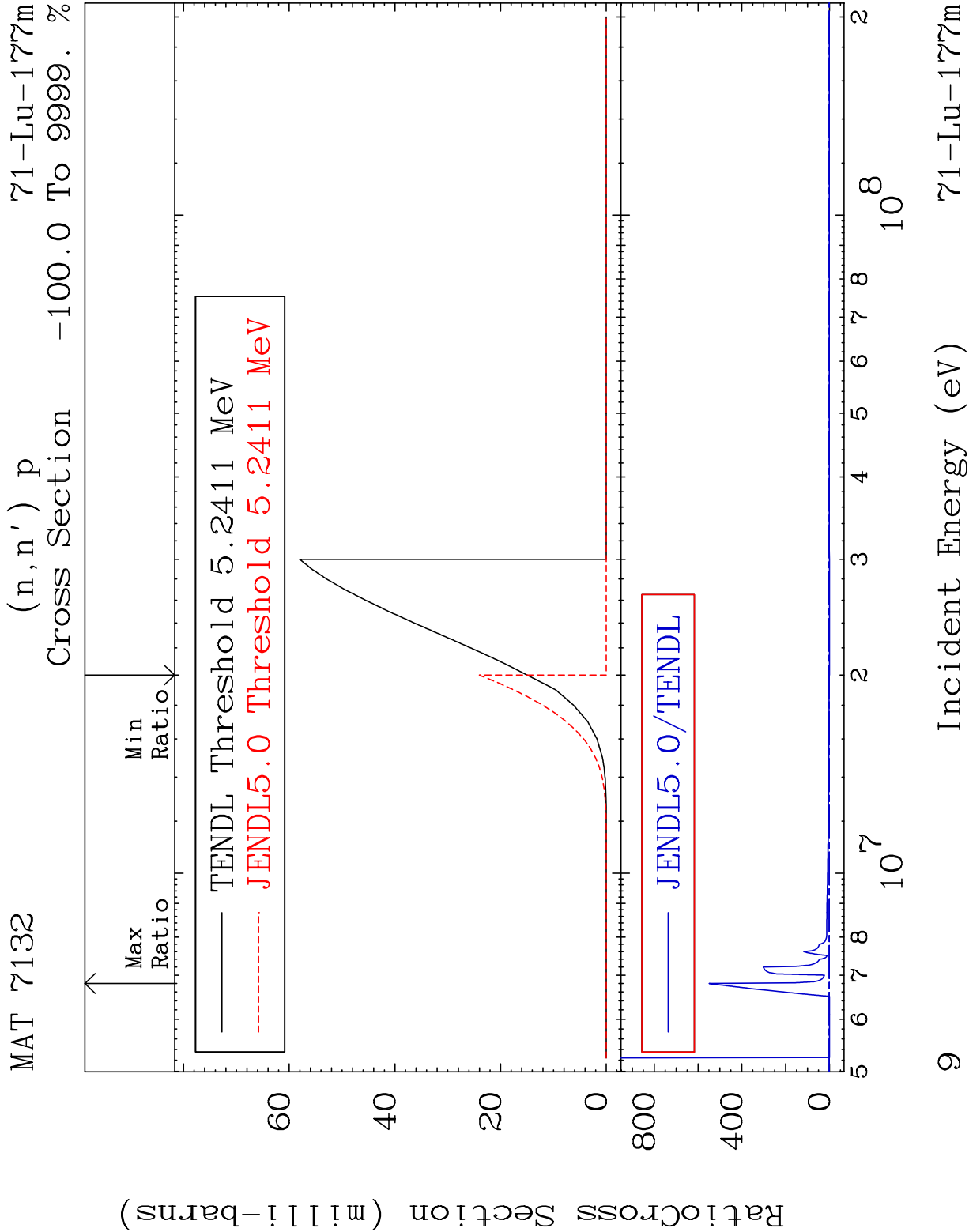


7

Incident Energy (eV)

71-Lu-177m



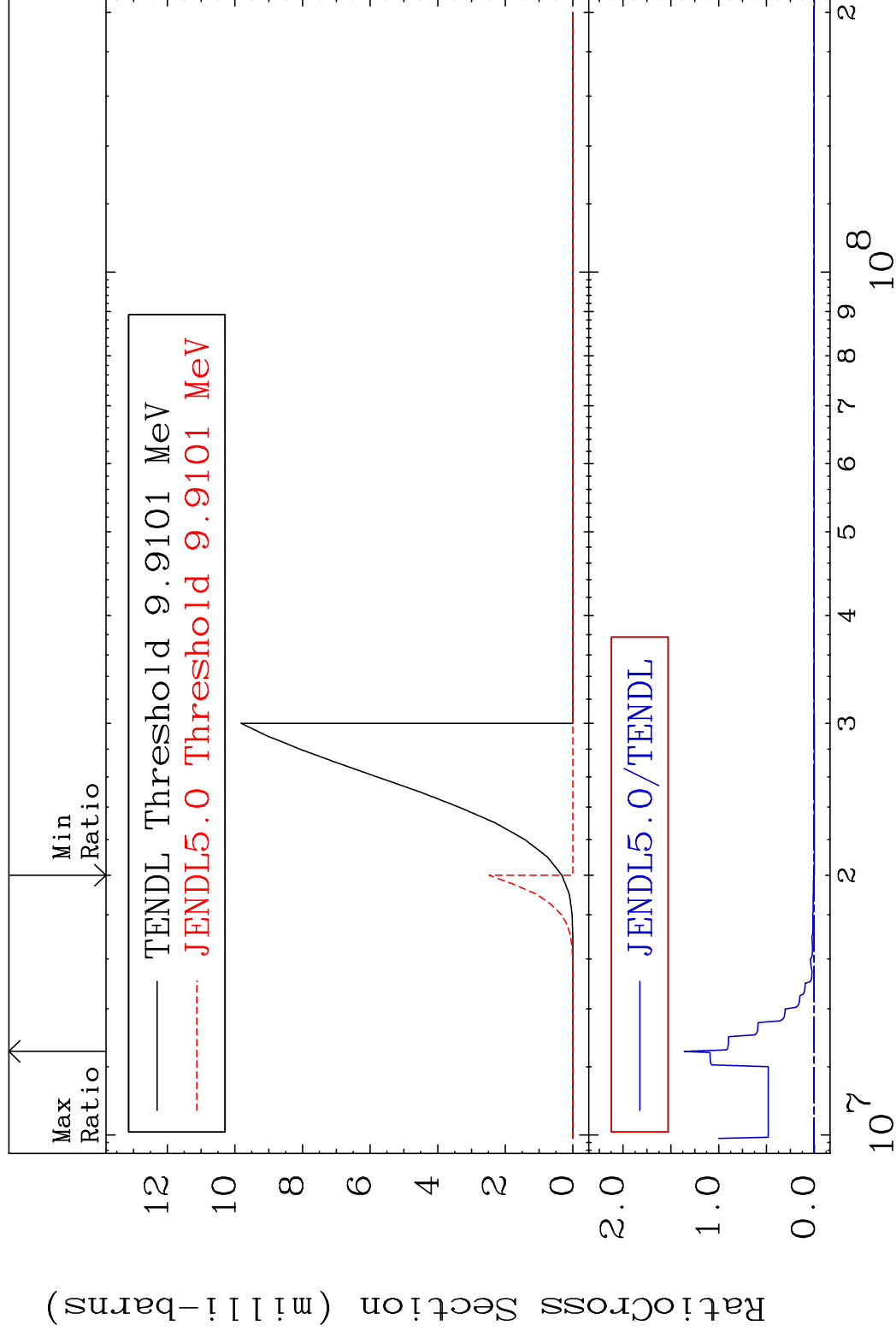


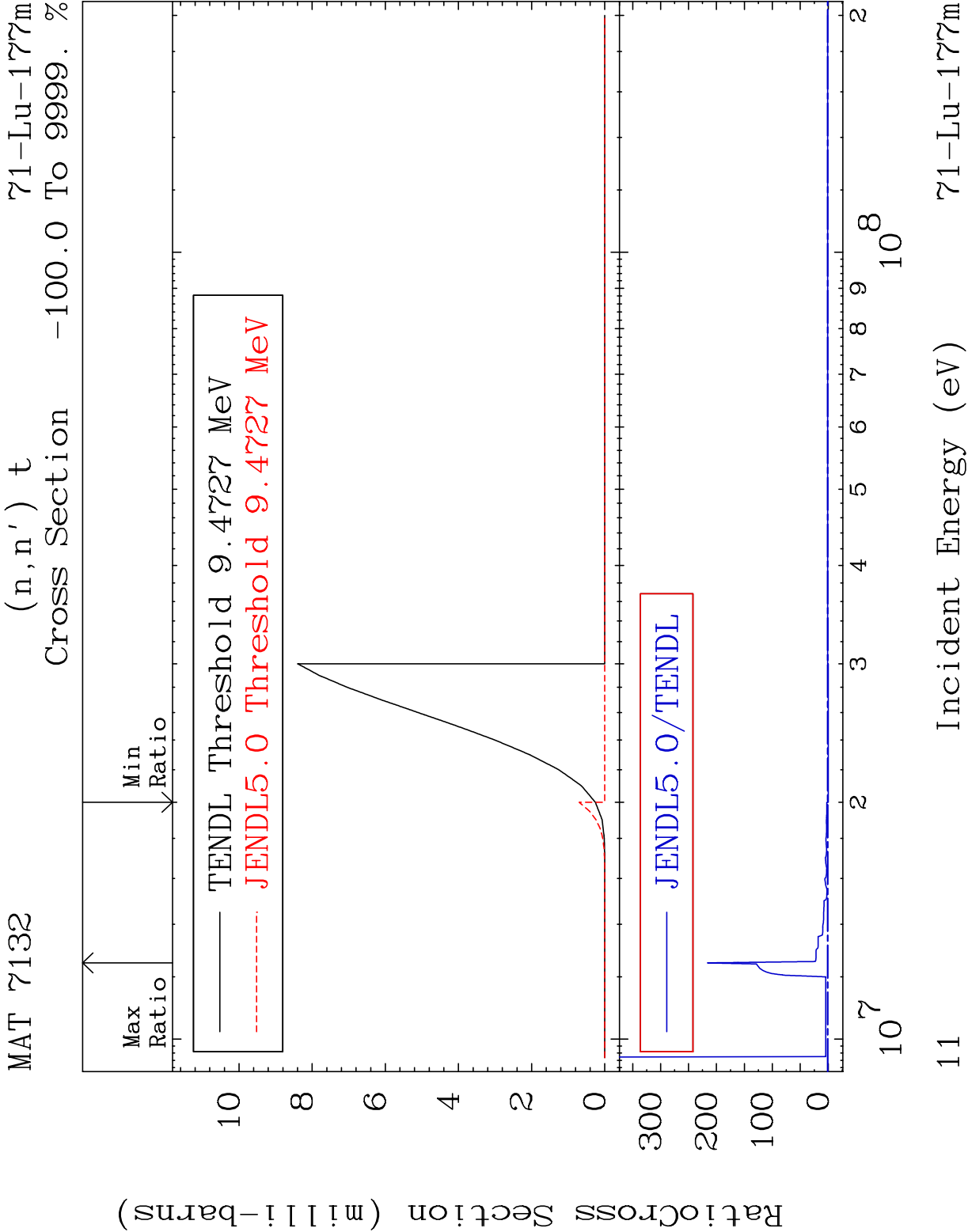
MAT 7132

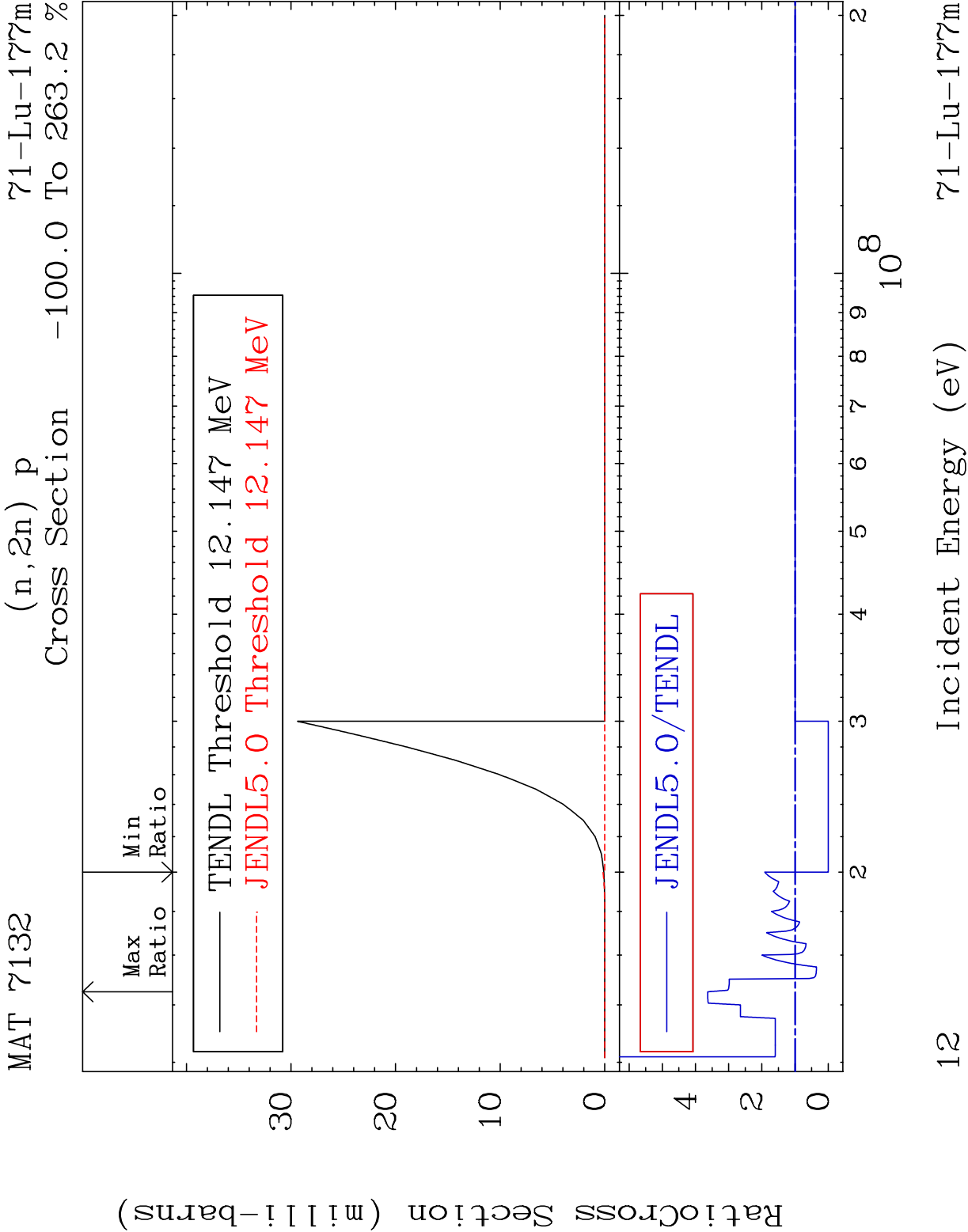
$$(n, n') \text{ d}$$

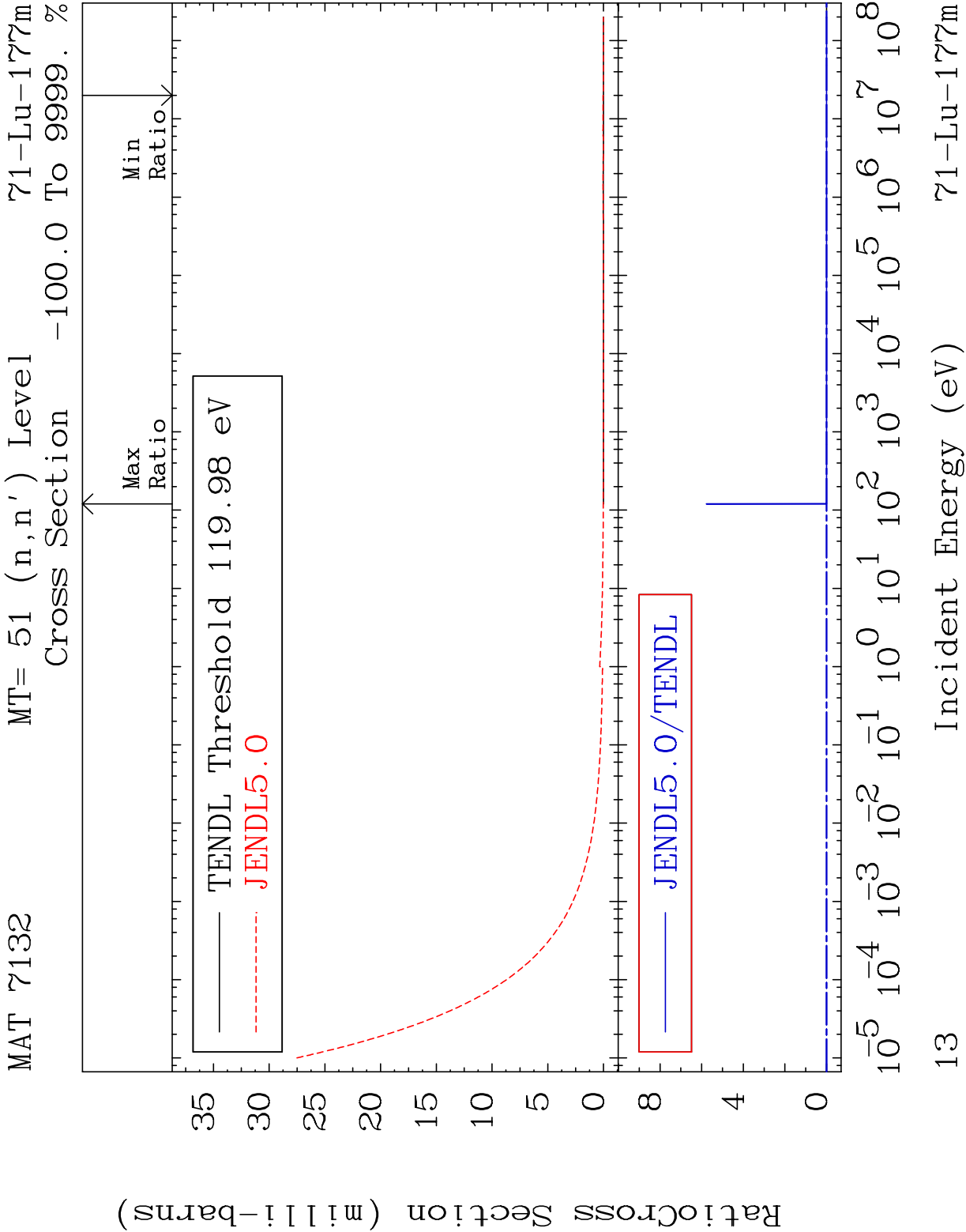
71-Lu-177m

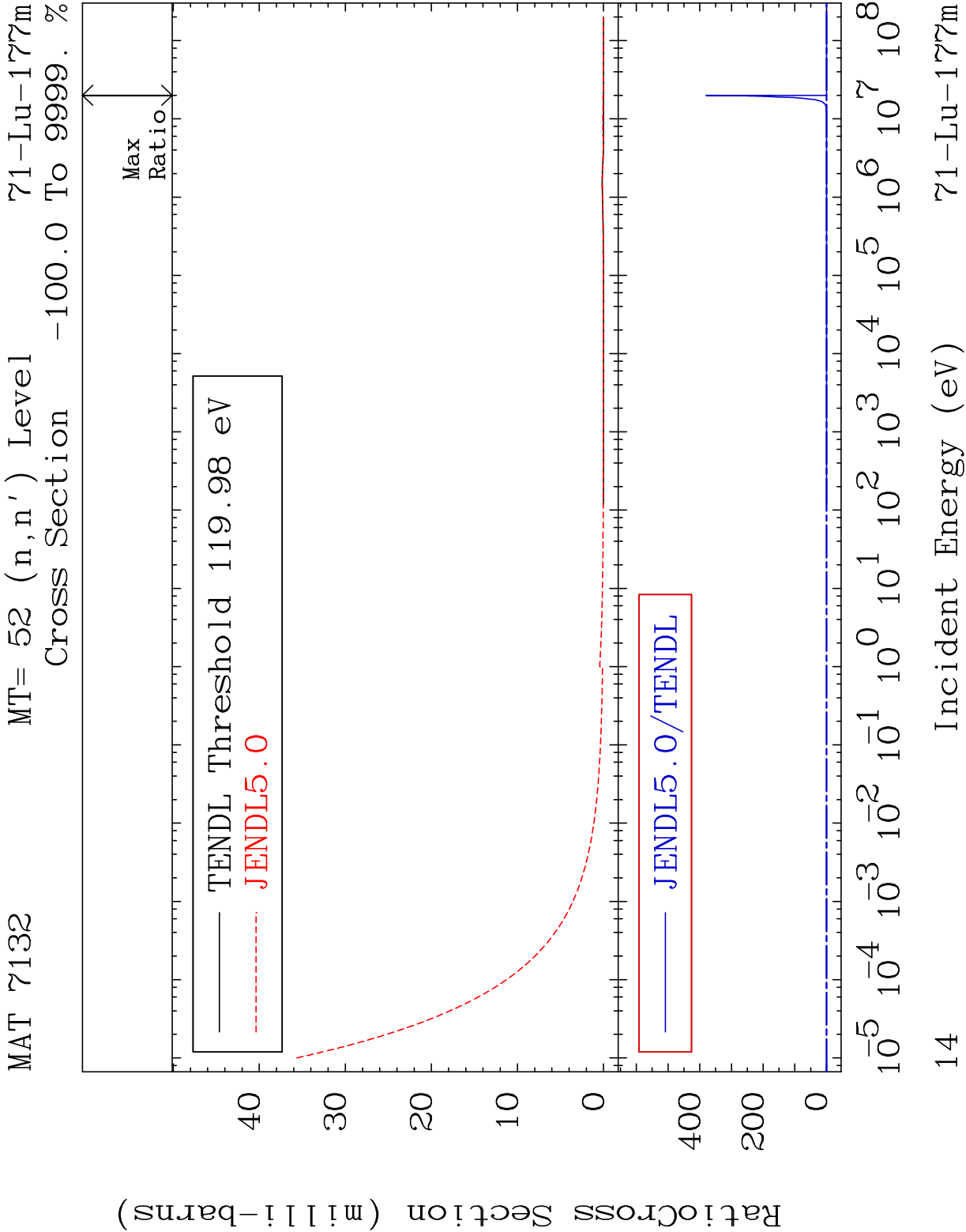
Cross Section -100.0 To 9999. %

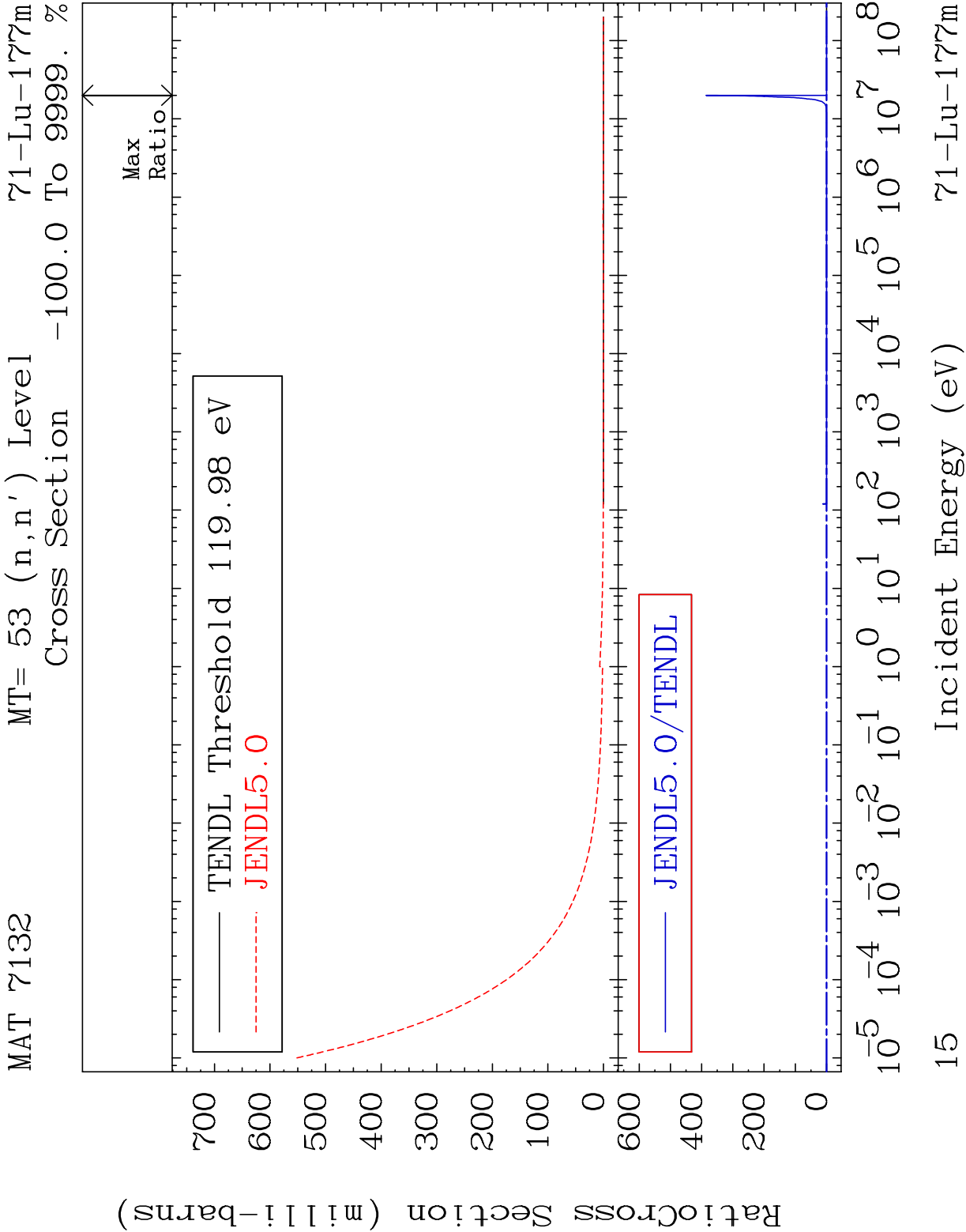


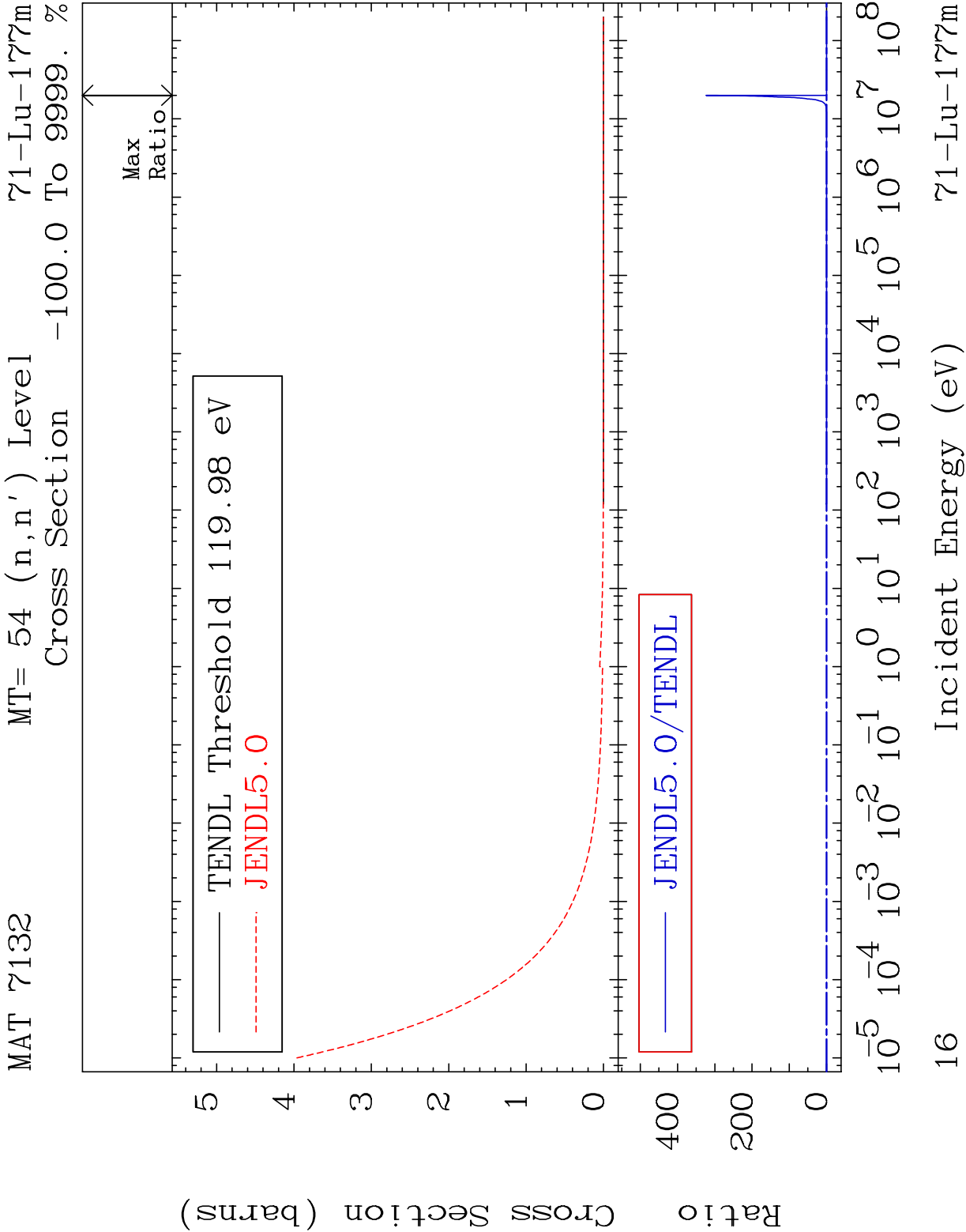


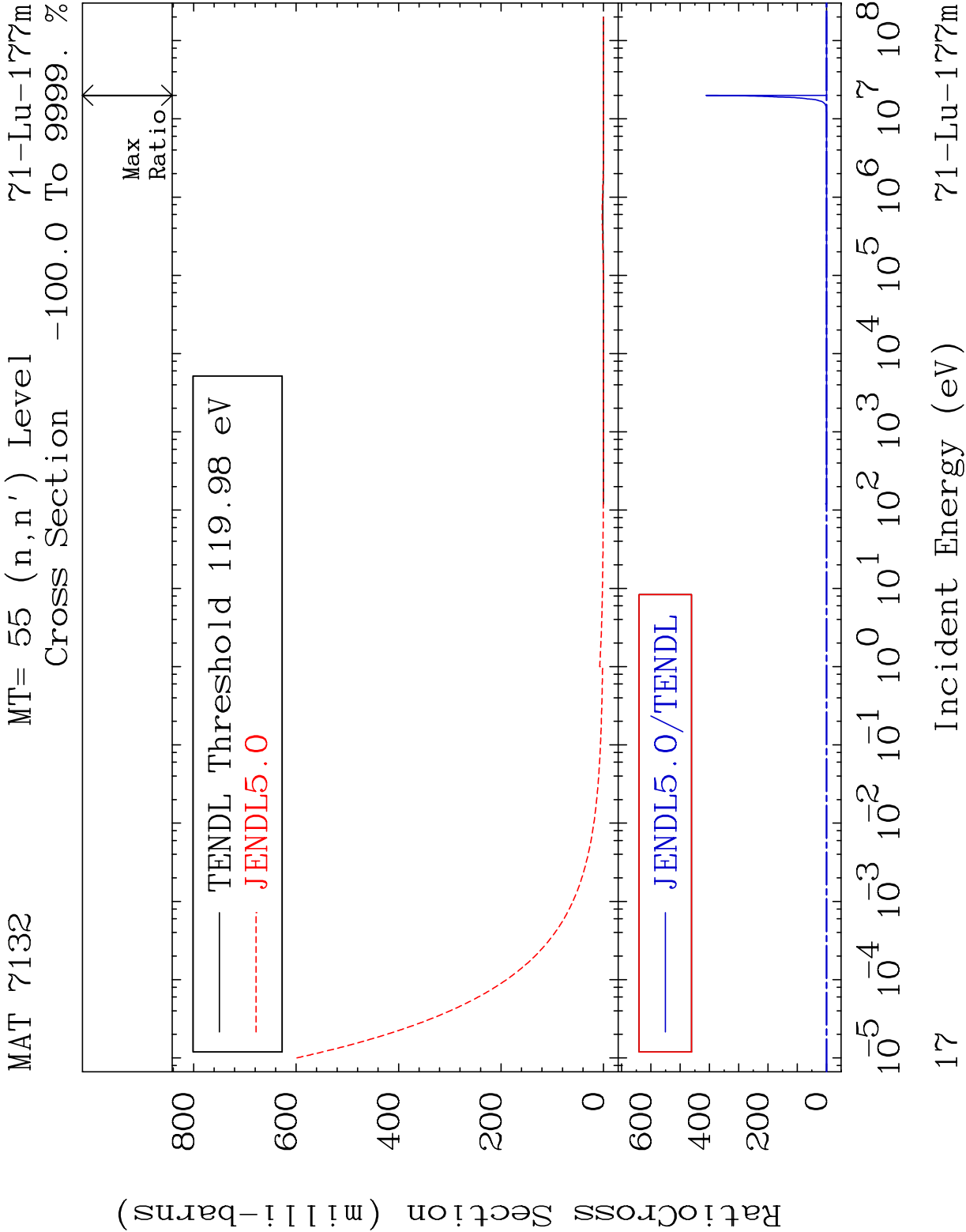


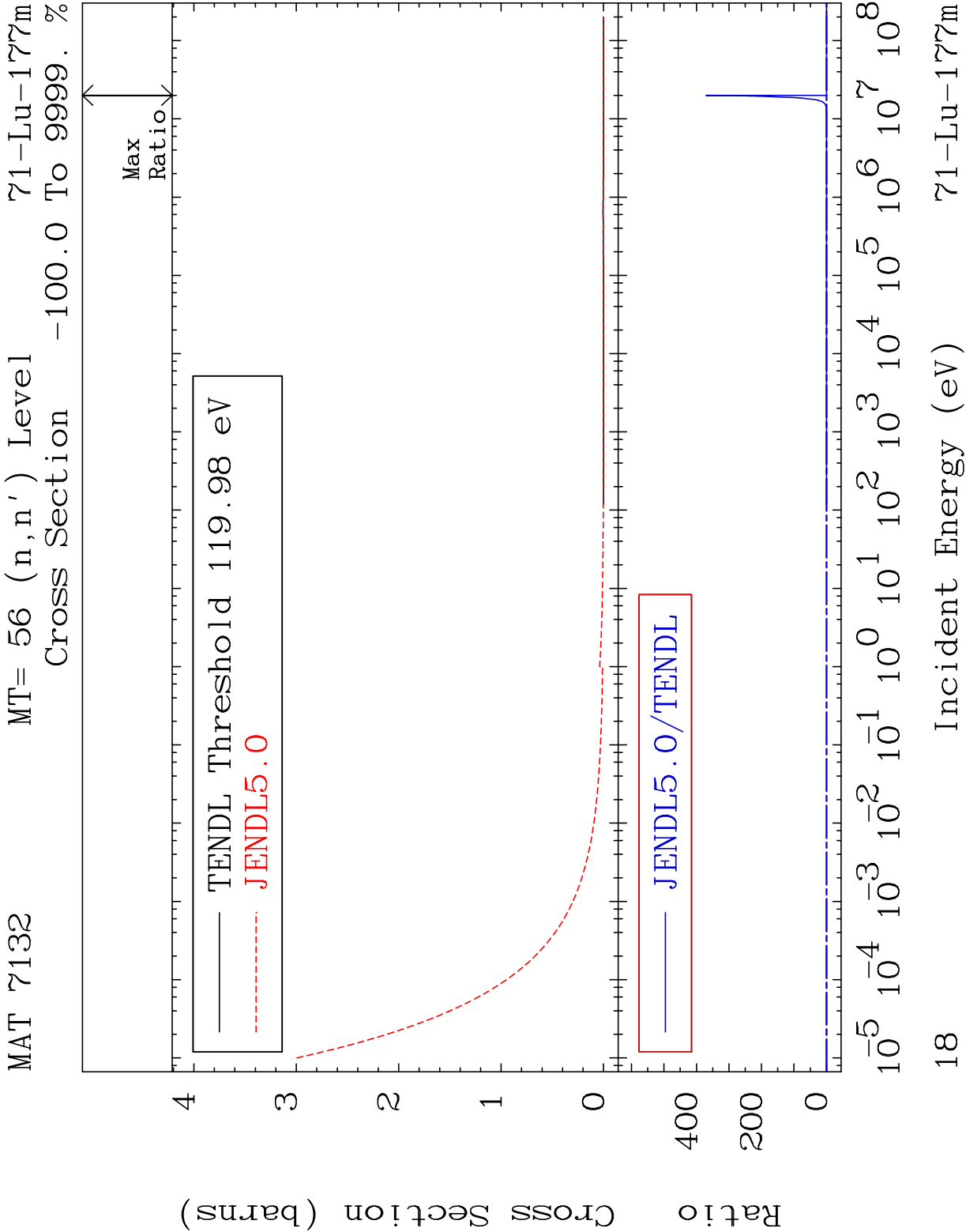


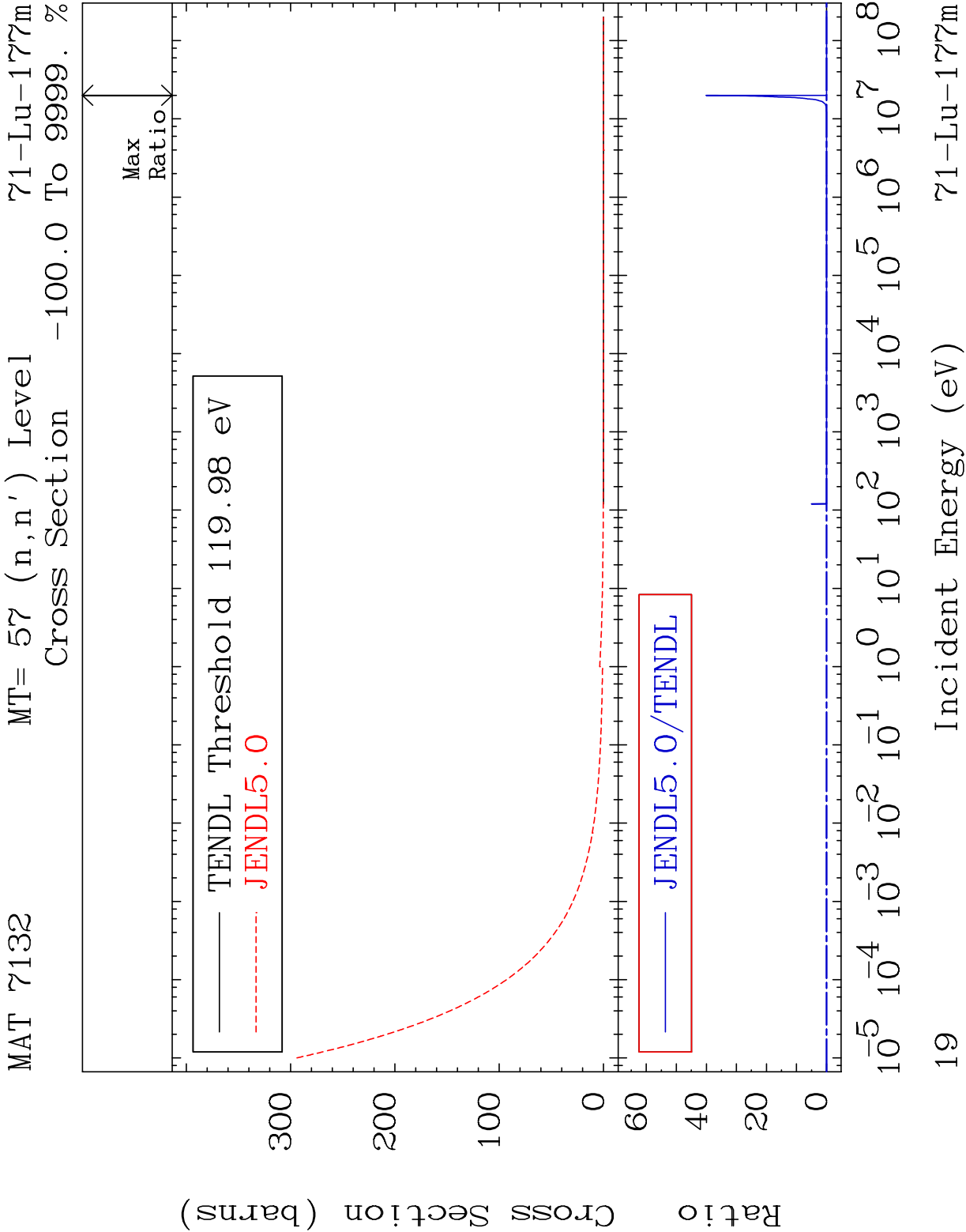


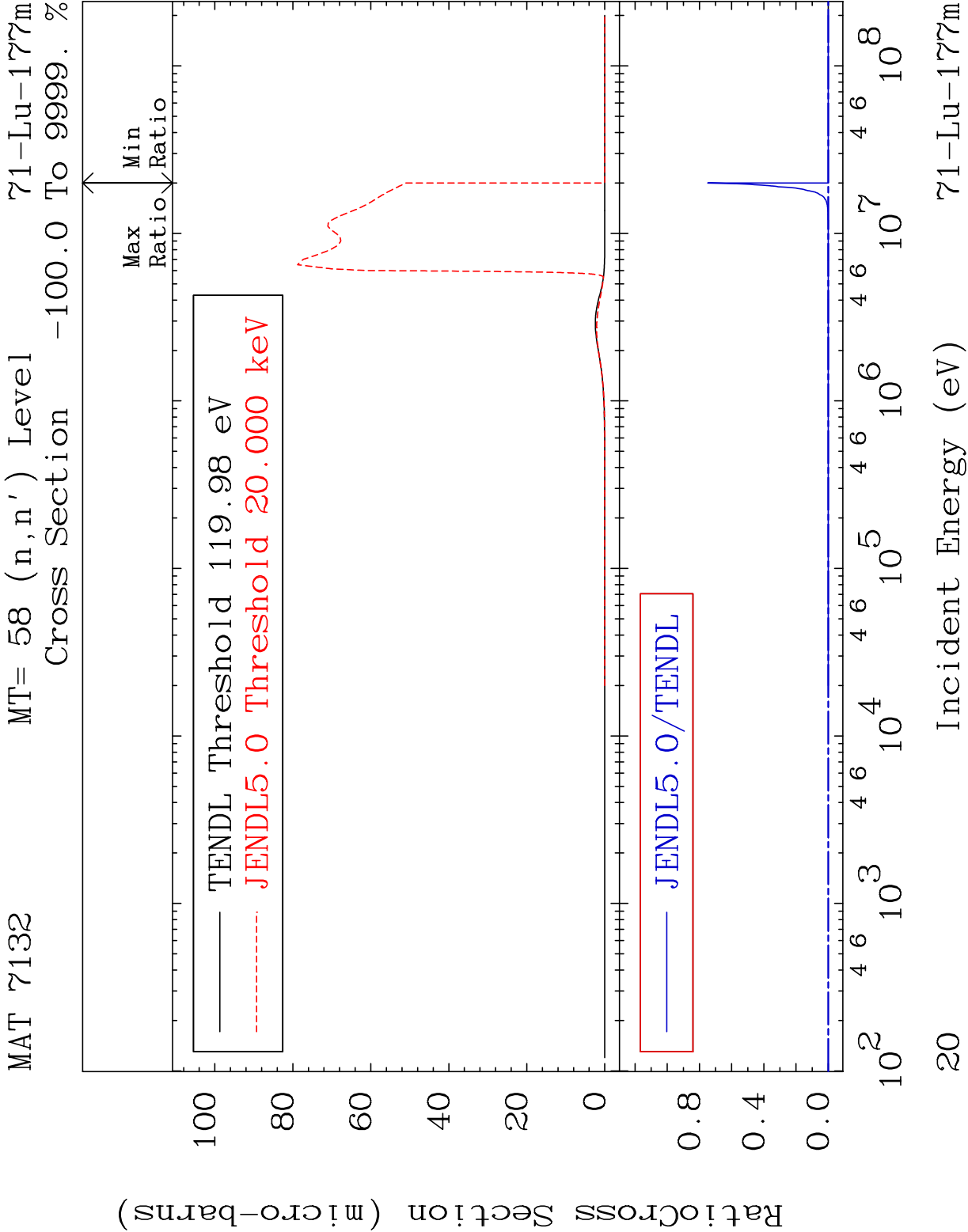




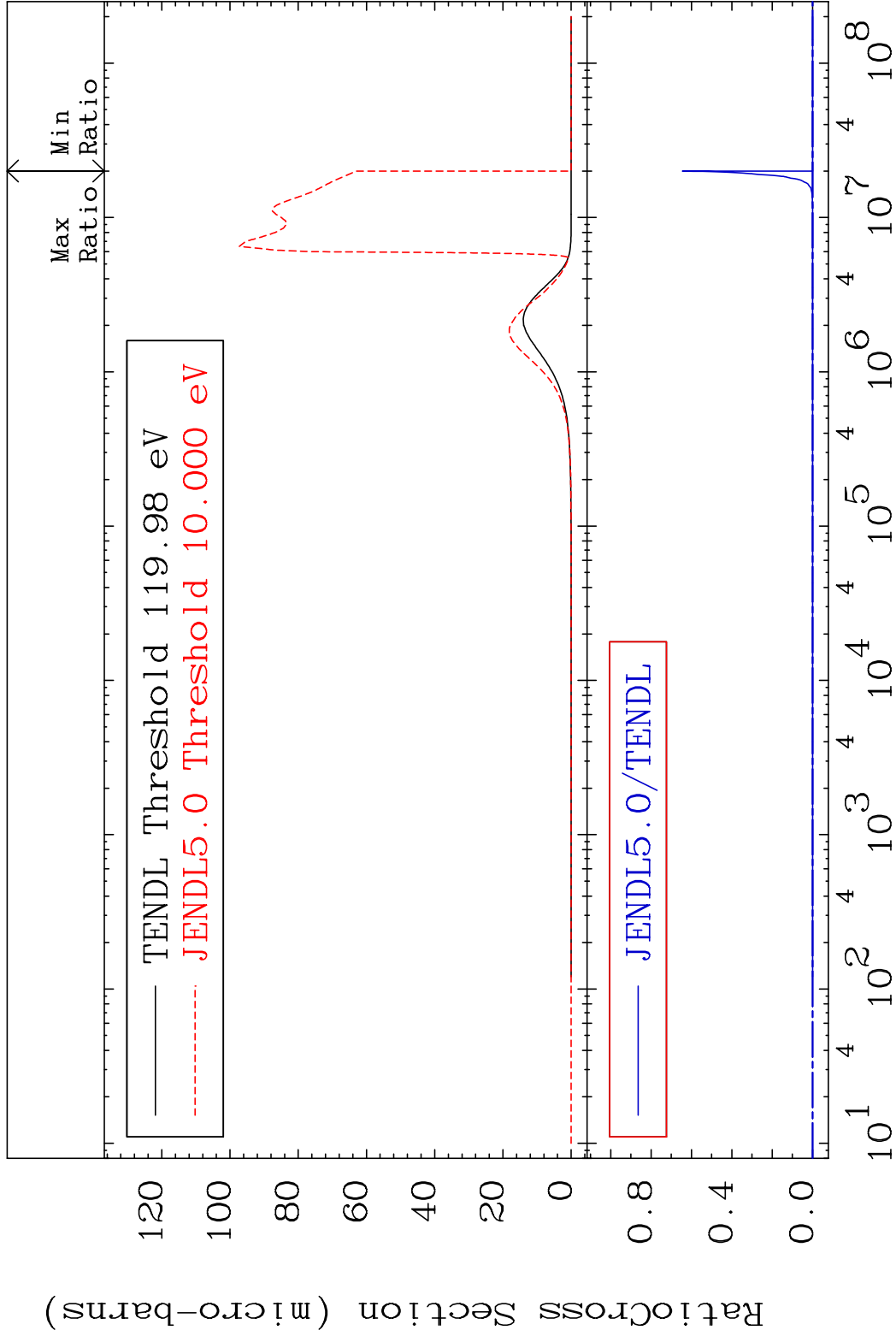




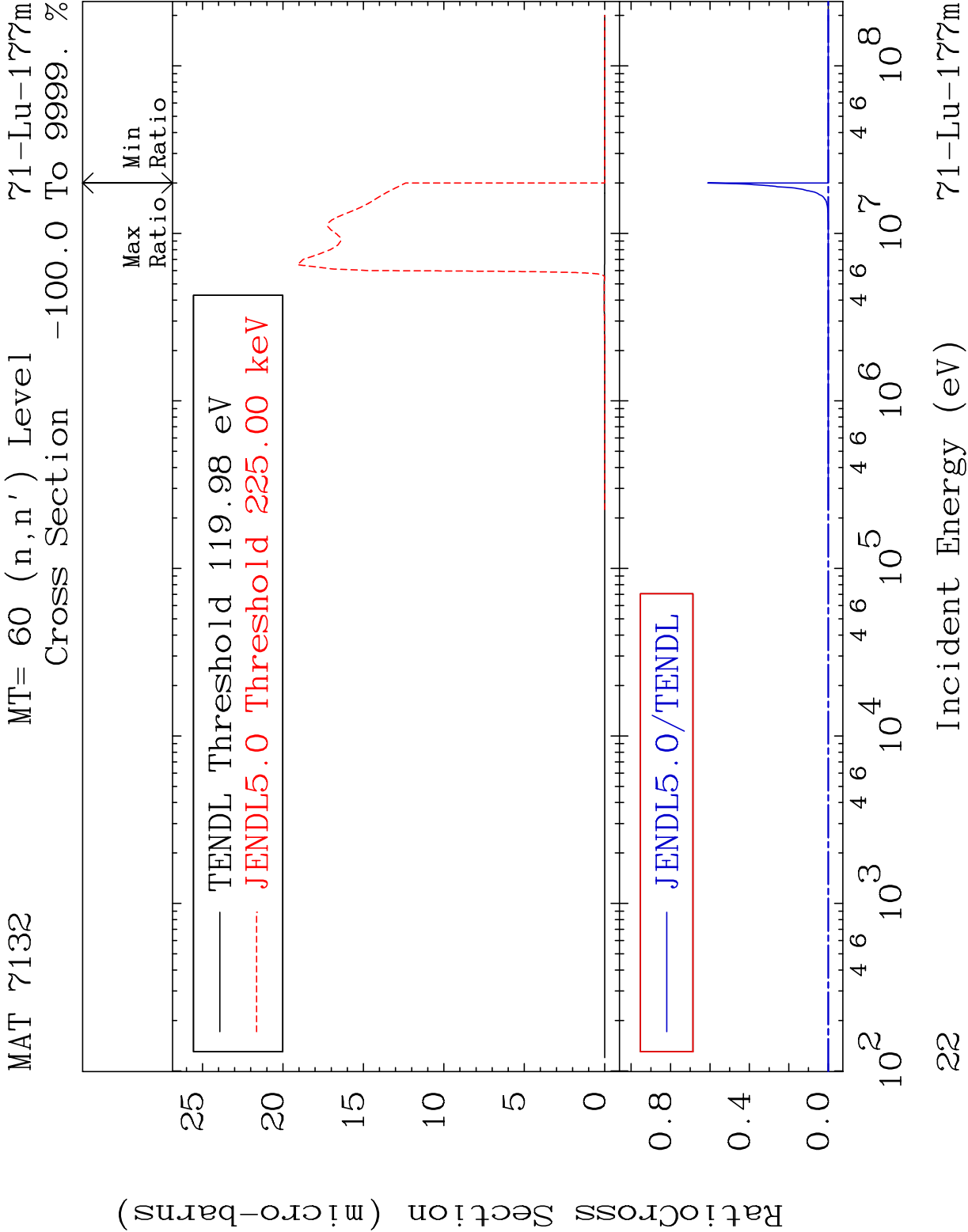




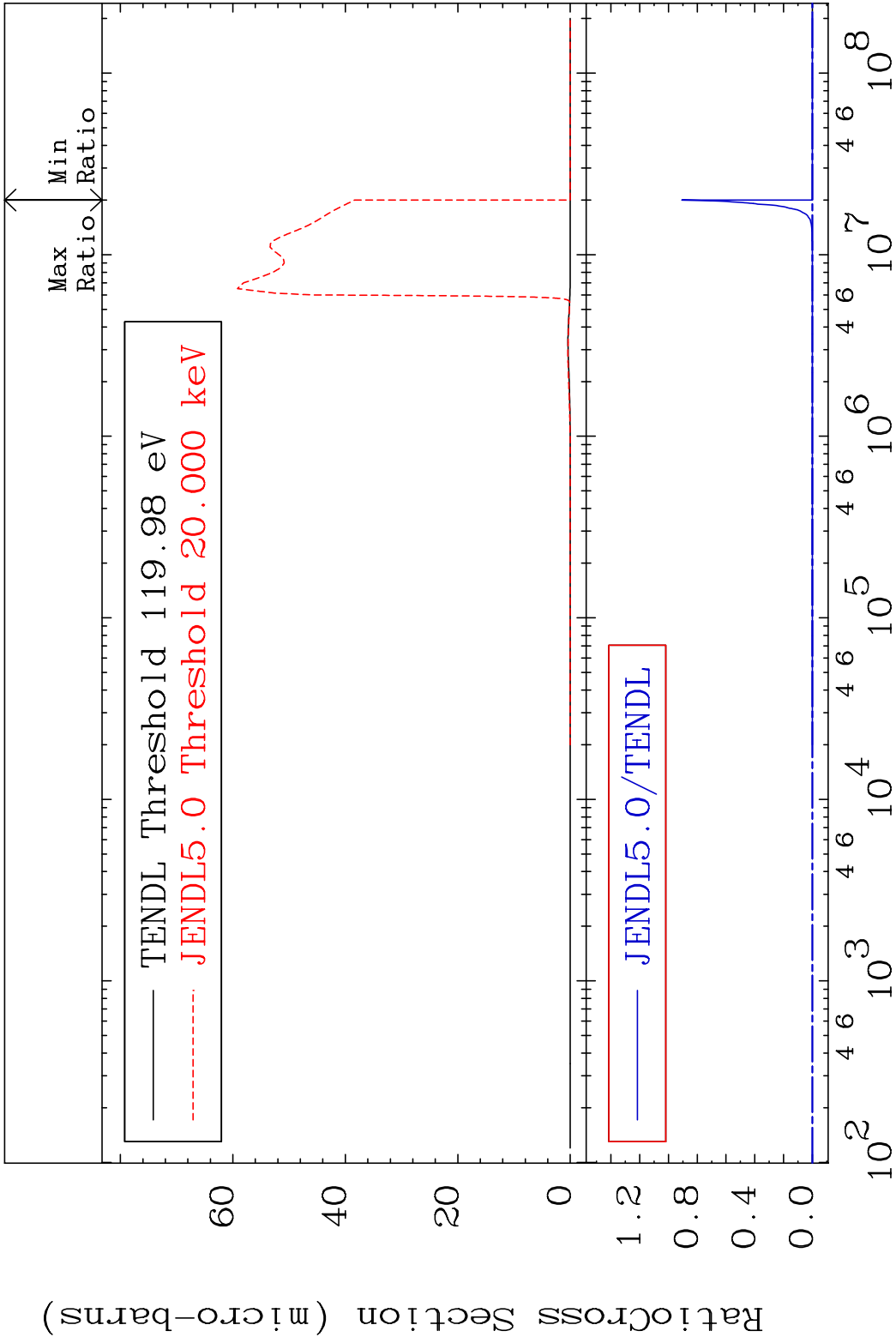
MAT 7132 MT= 59 (n,n') Level 71-Lu-177m
Cross Section -100.0 To 9999. %

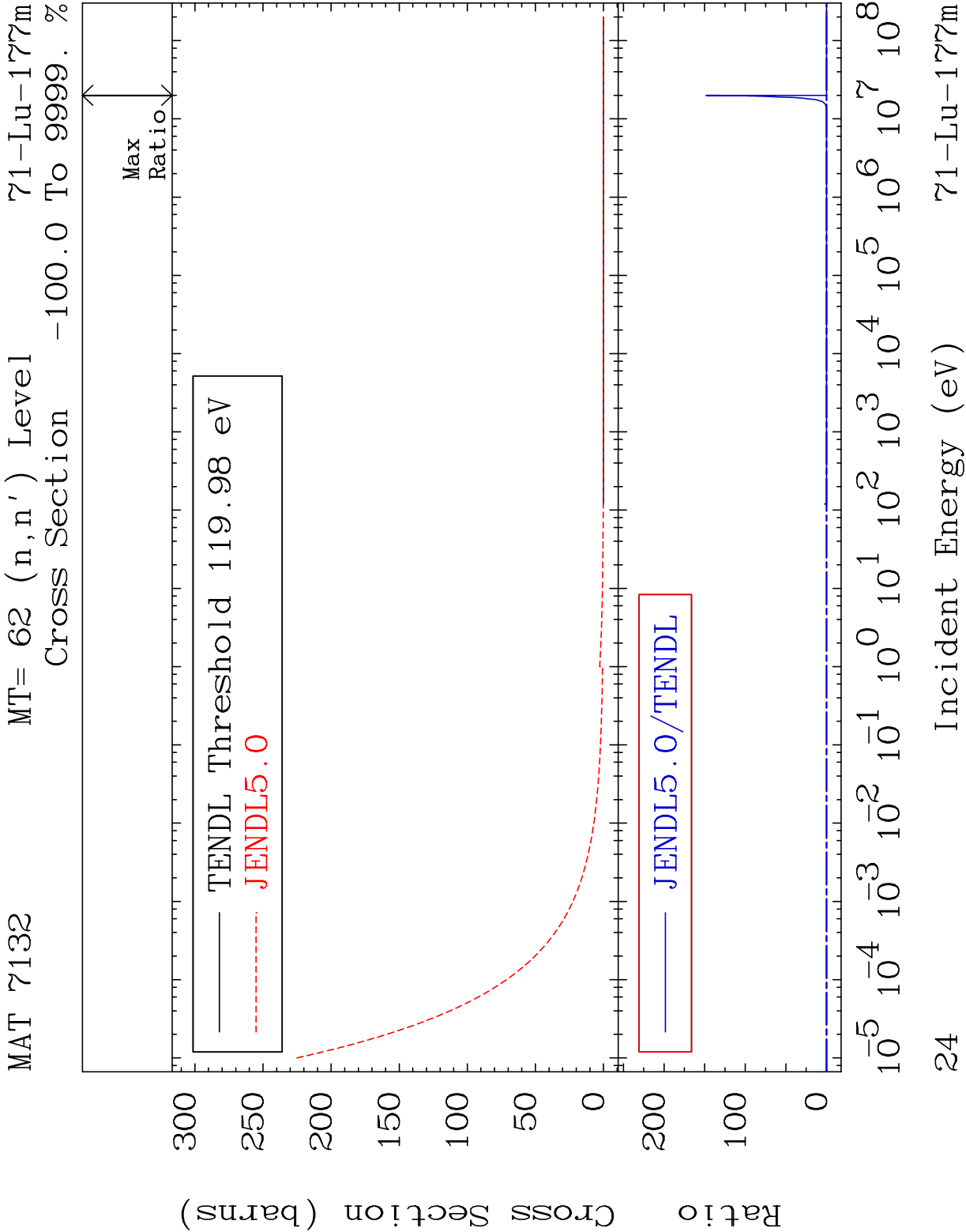


21 Incident Energy (eV) 71-Lu-177m



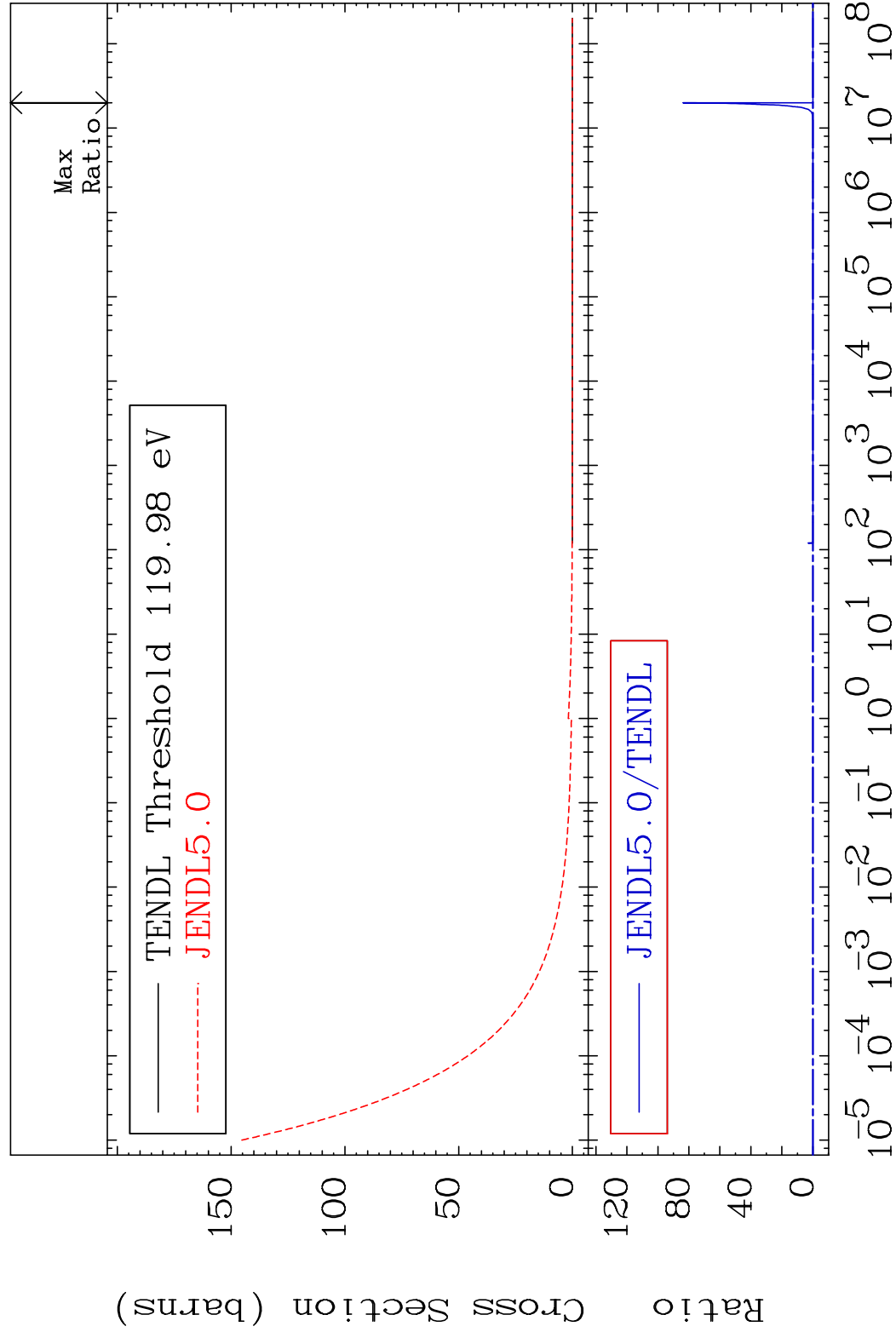
MAT 7132 MT= 61 (n,n') Level 71-Lu-177m
 Cross Section -100.0 To 9999. %





MAT 7132 MT= 63 (n,n') Level 71-Lu-177m

Cross Section -100.0 To 9999. %

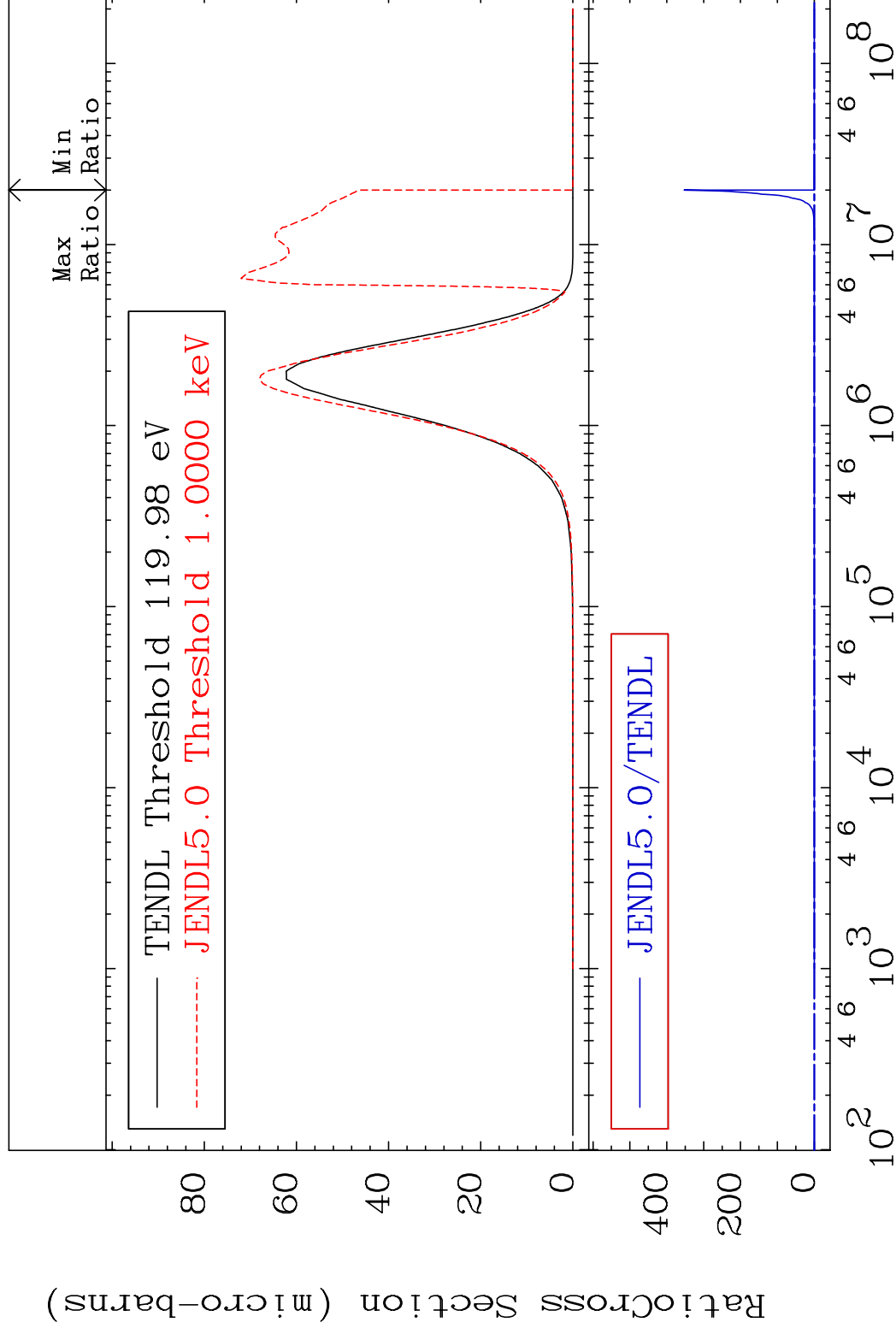


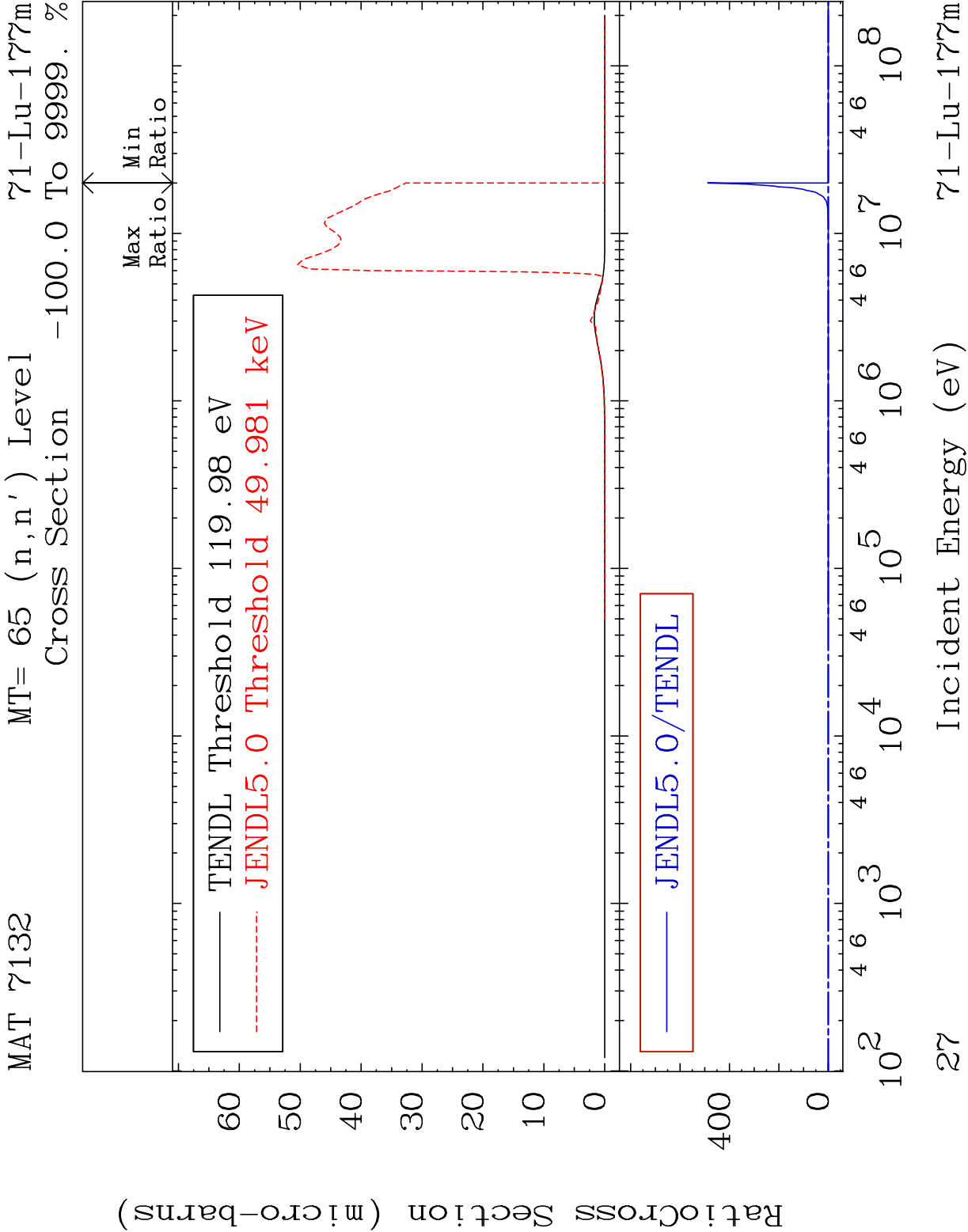
MAT 7132

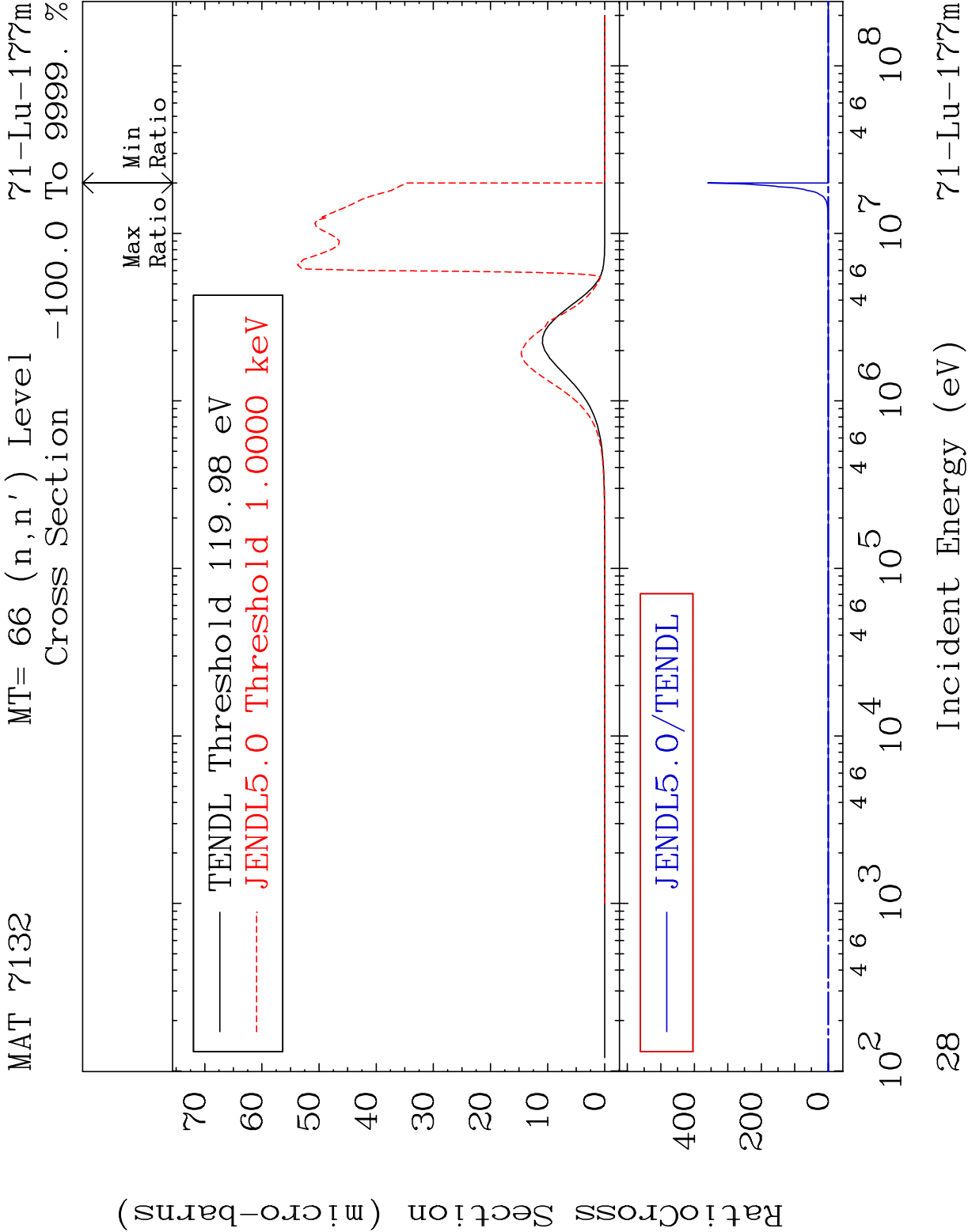
MT= 64 (n, n') Level

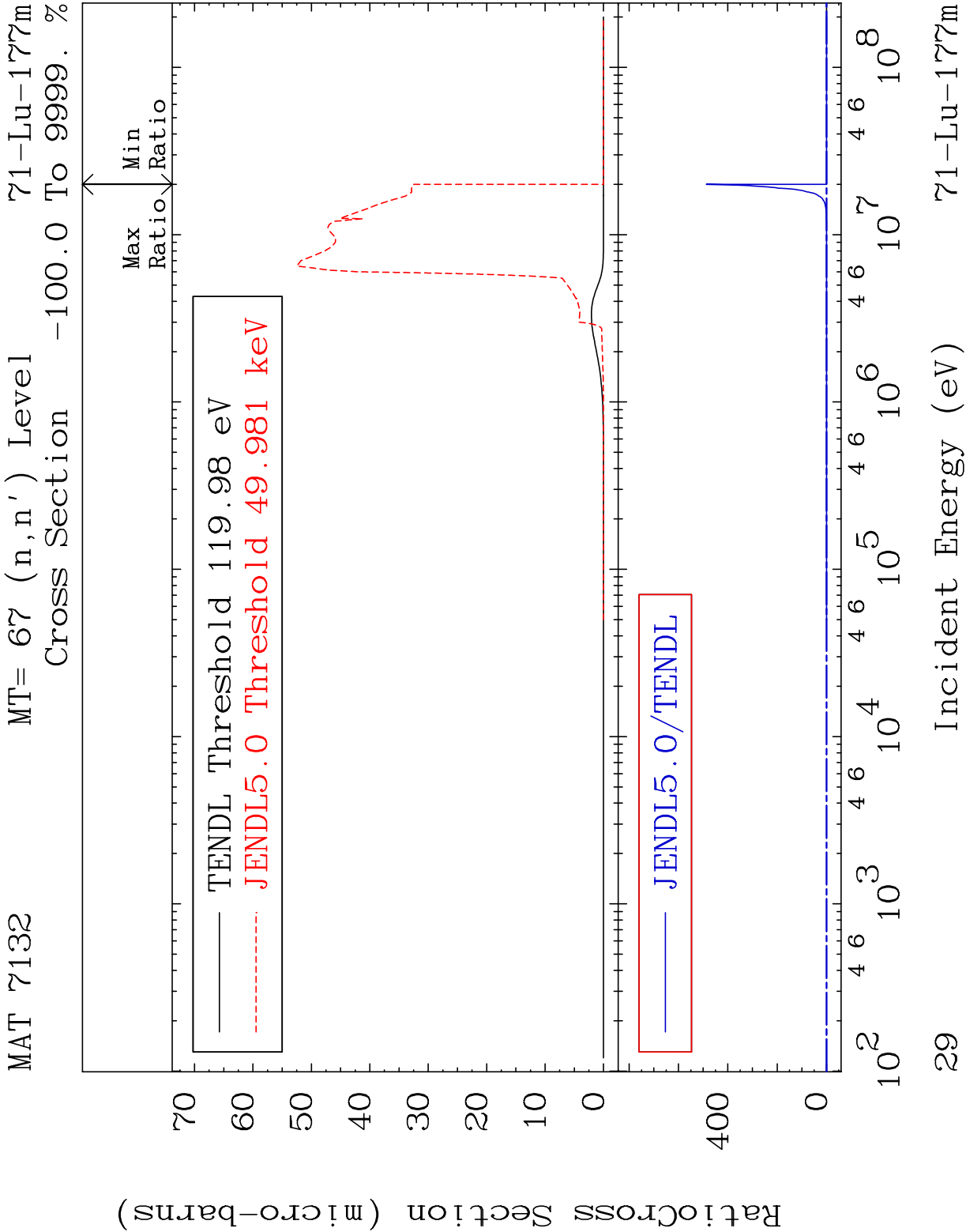
71-Lu-177m

Cross Section -100.0 To 9999. %

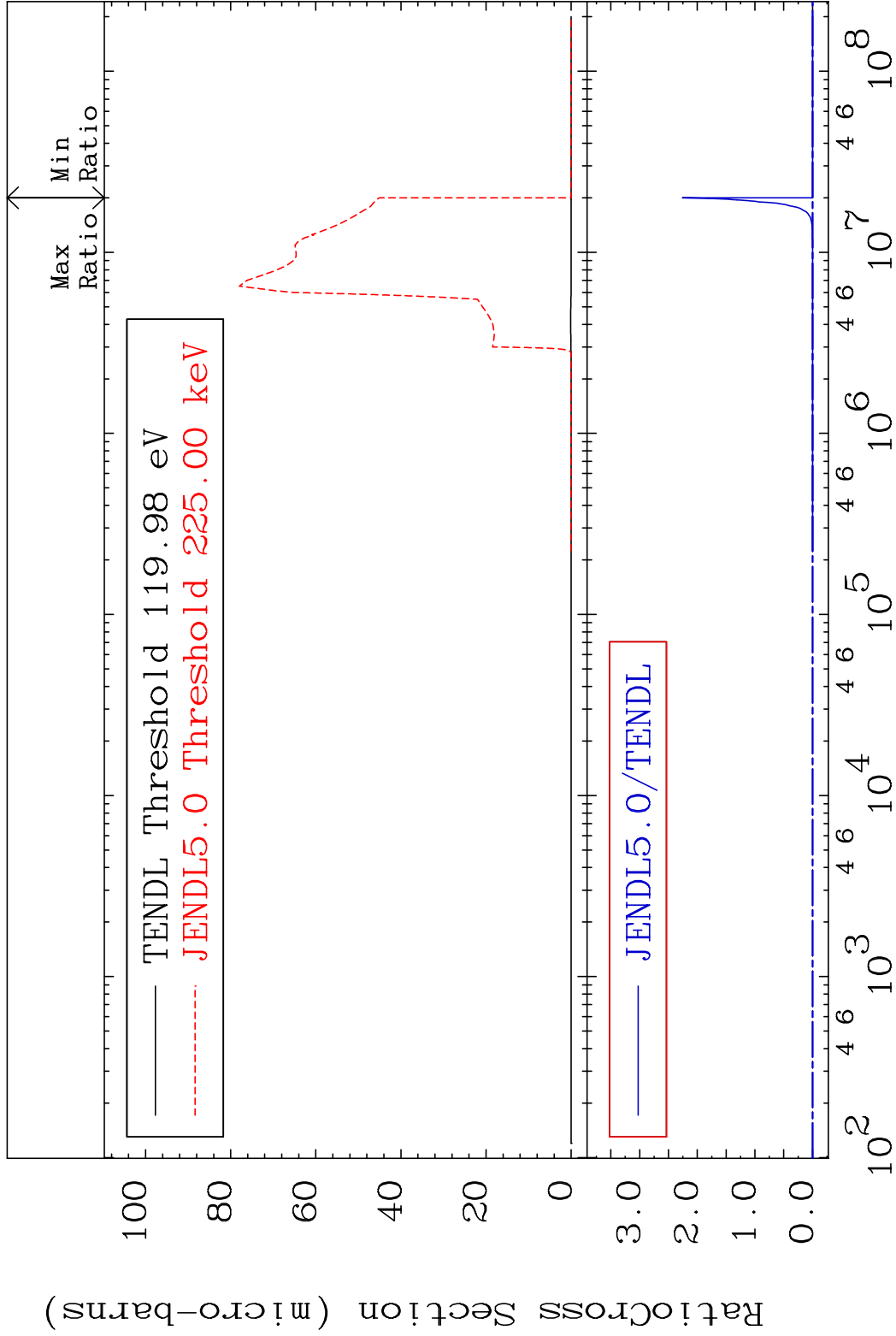




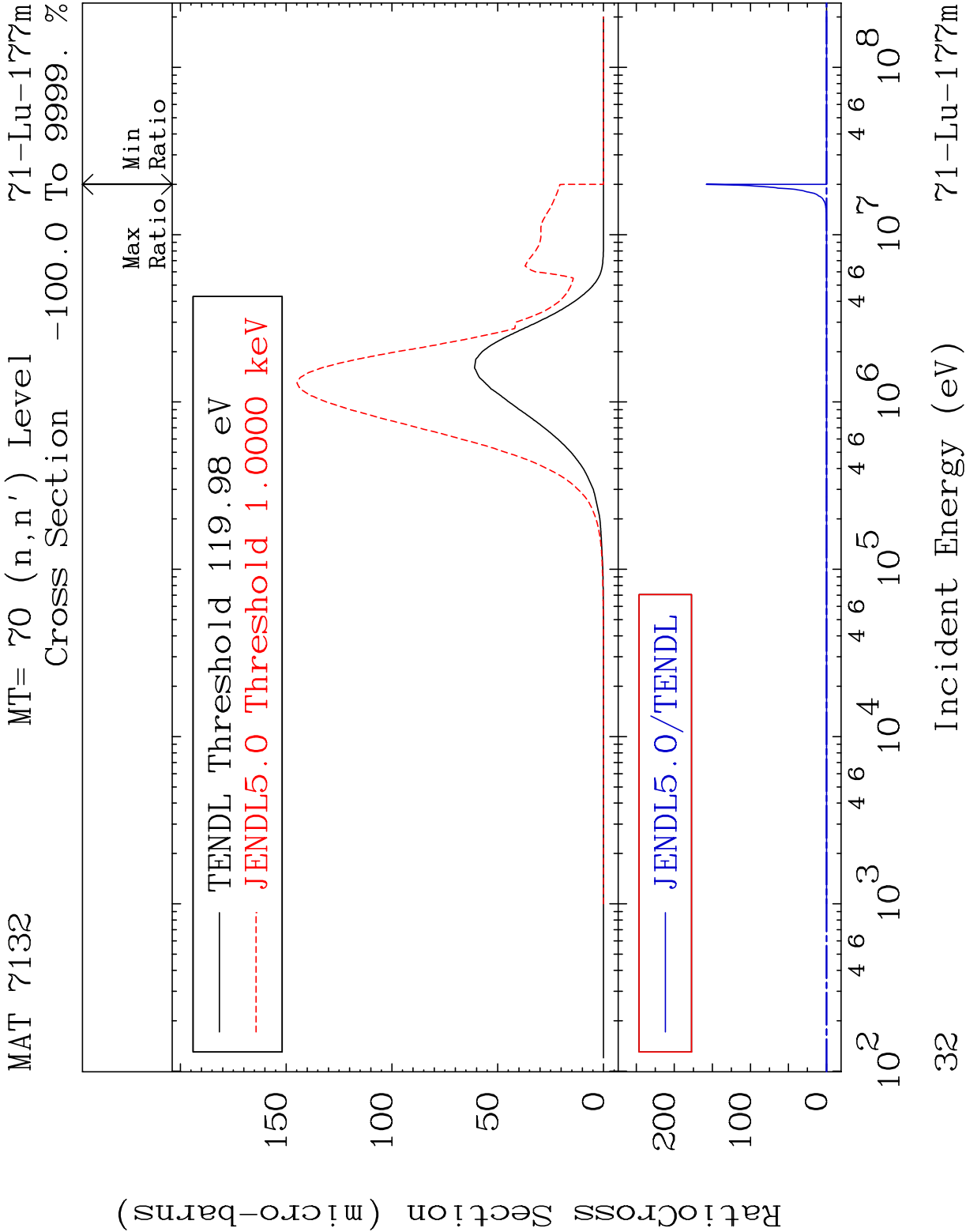


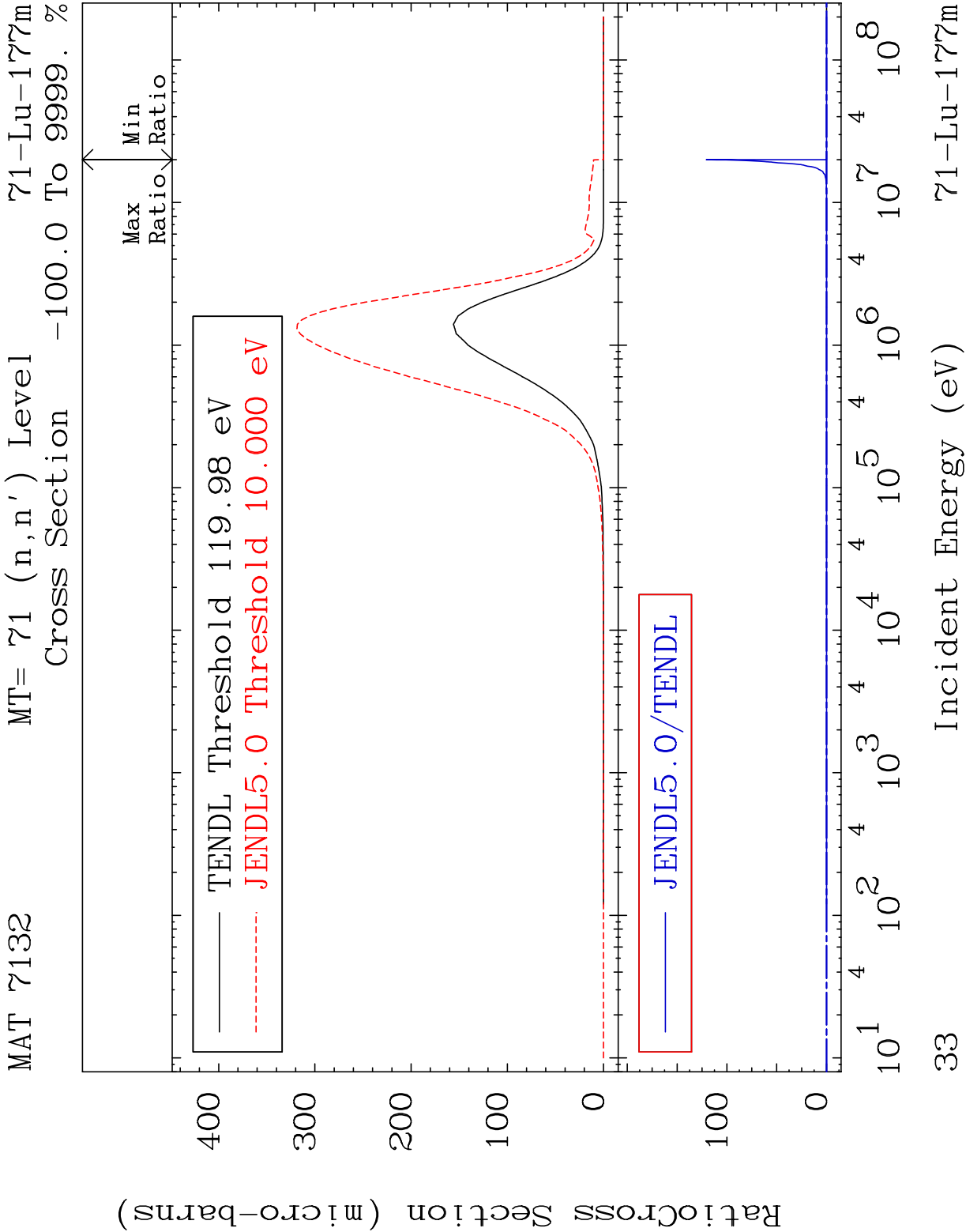


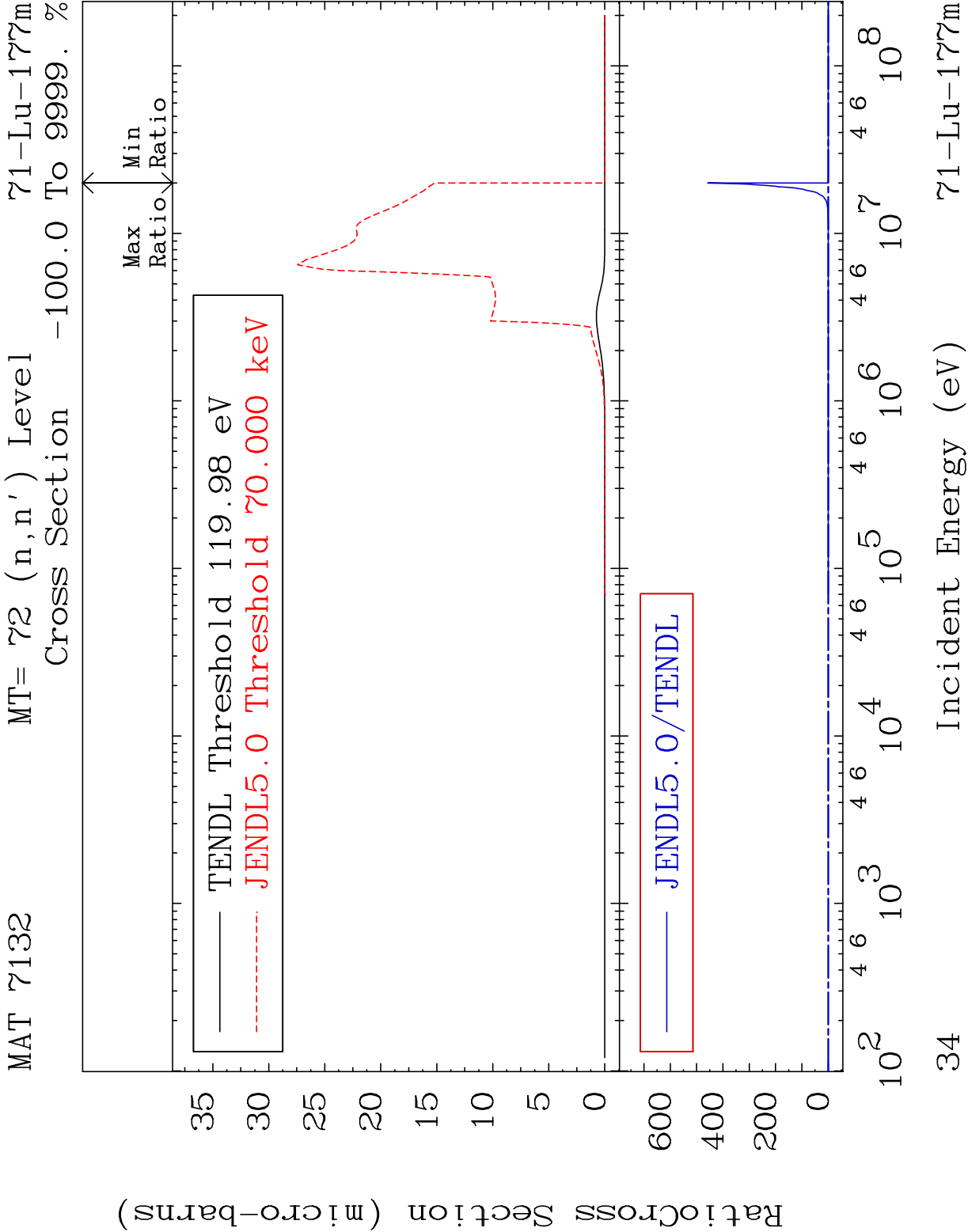
MAT 7132 MT= 69 (n,n') Level 71-Lu-177m
Cross Section -100.0 To 9999. %

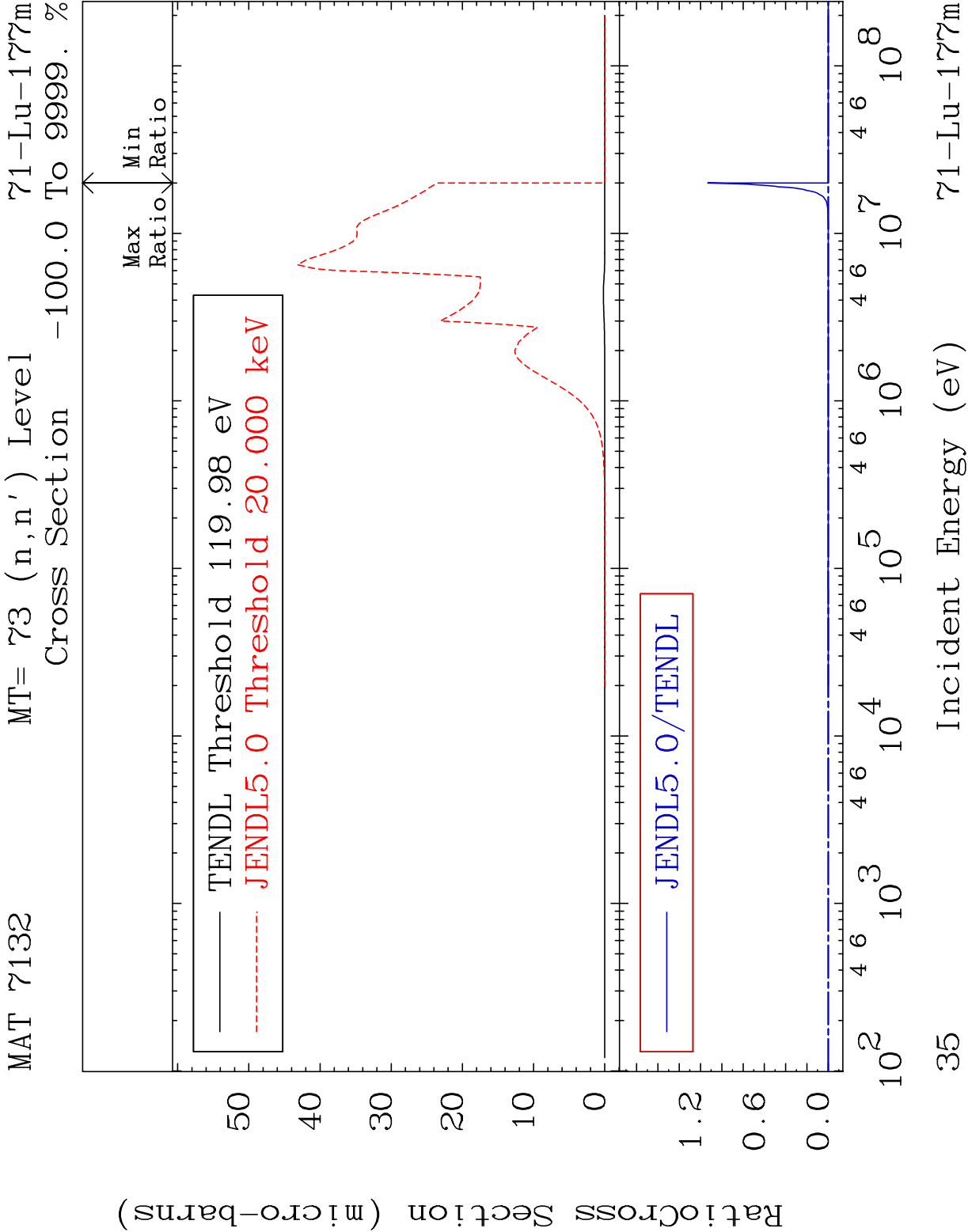


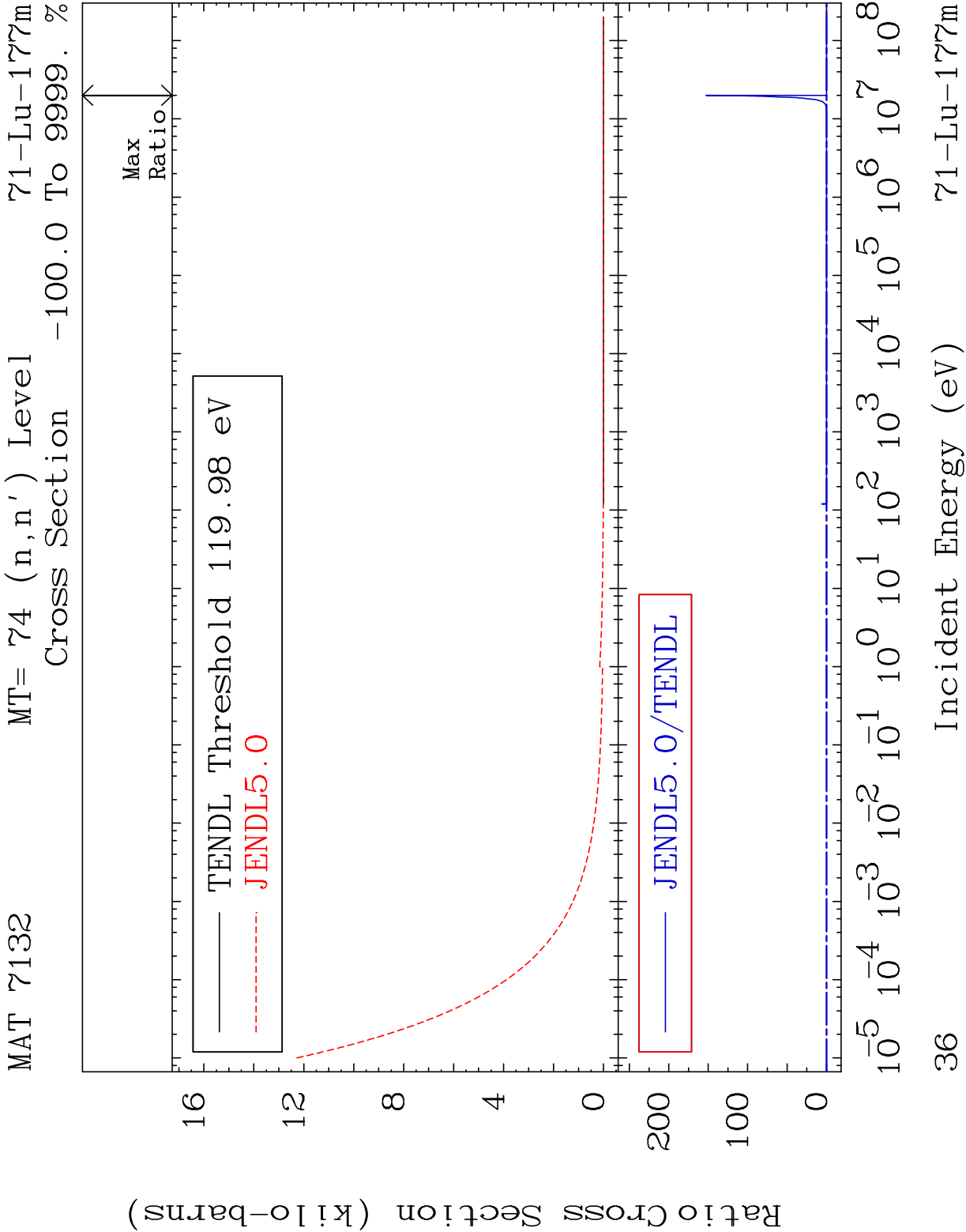
31 Incident Energy (eV) 71-Lu-177m

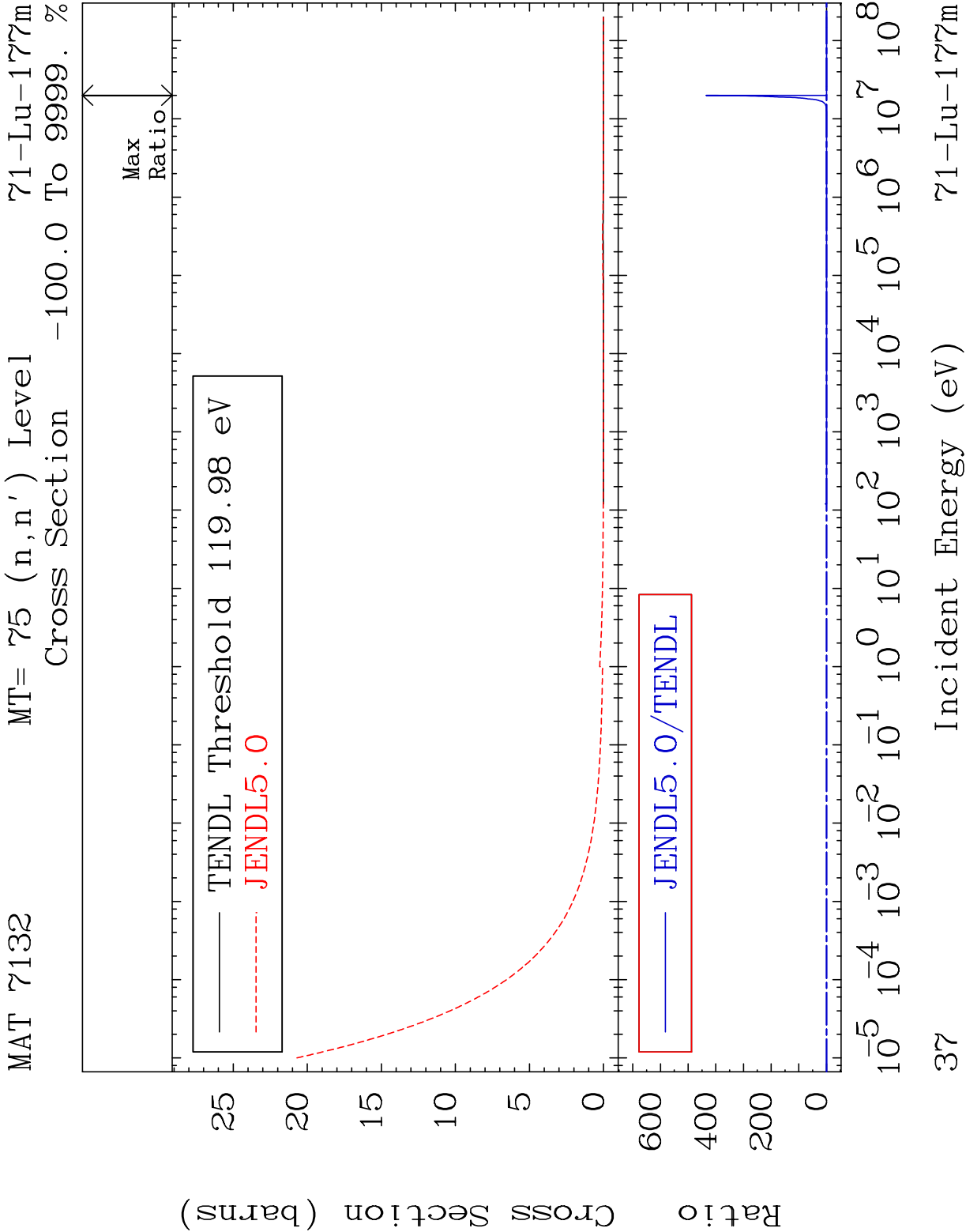


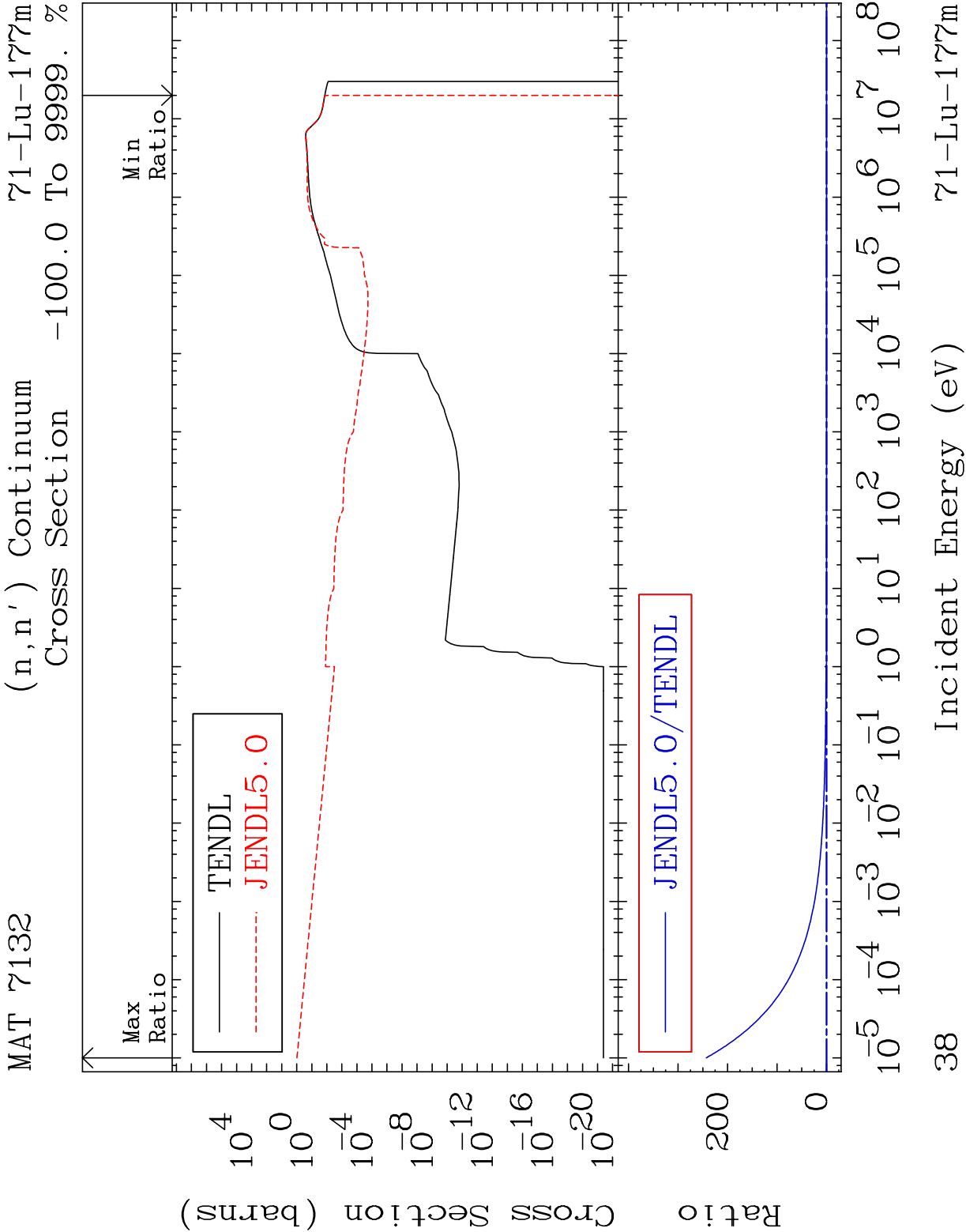










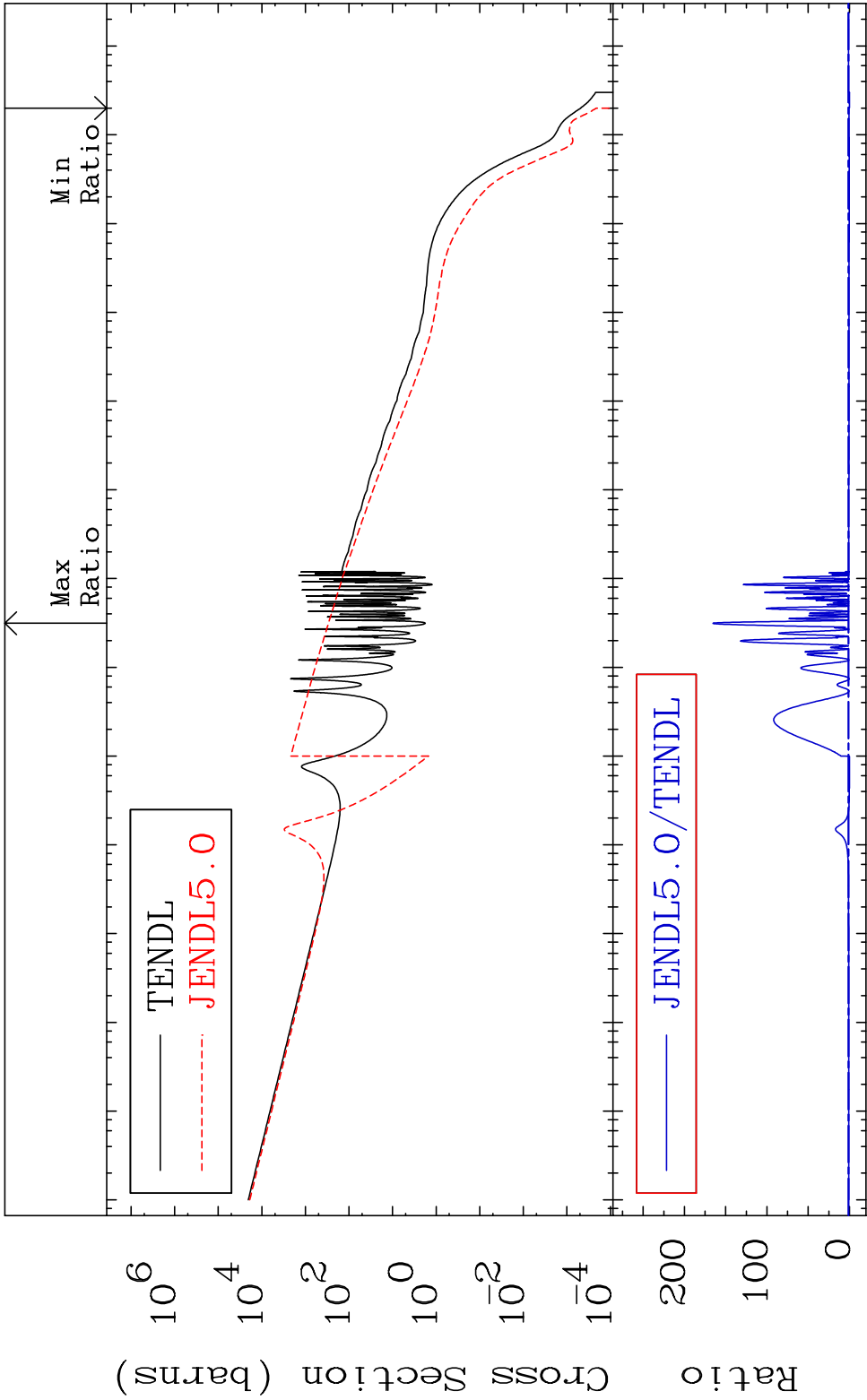


MAT 7132

(n, γ)

71-Lu-177m

Cross Section -100.0 To 9999. %



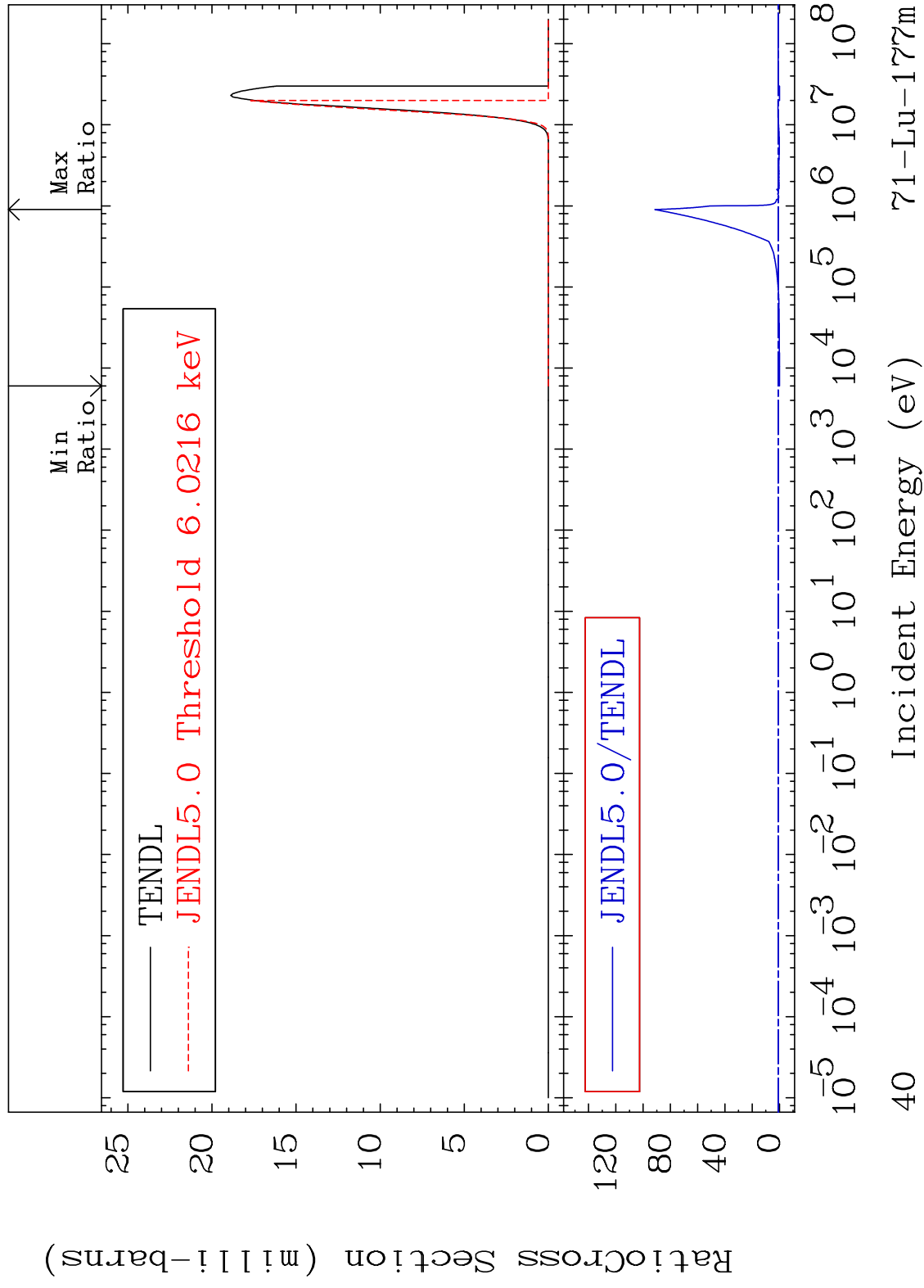
MAT 7132

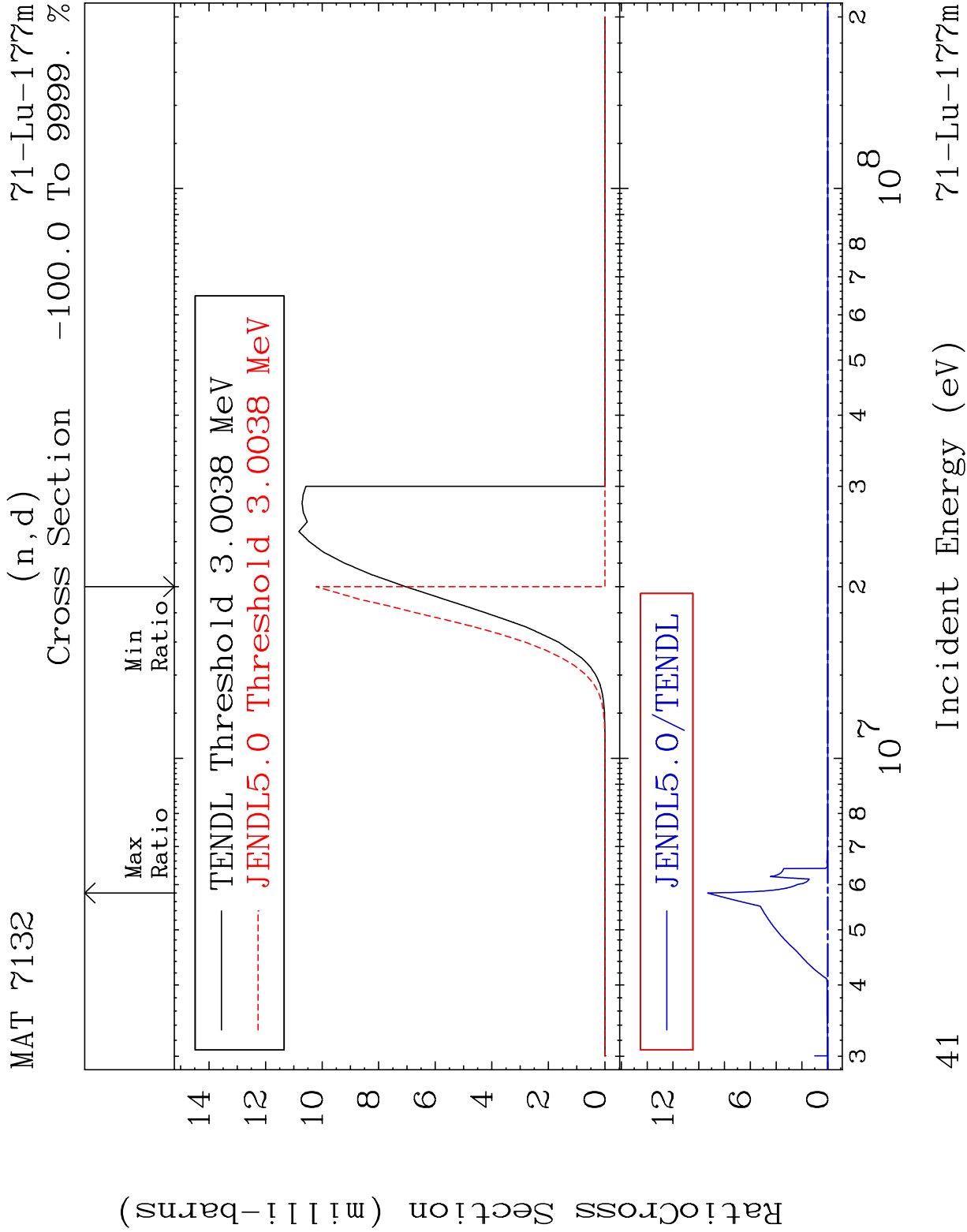
$$(n, p)$$

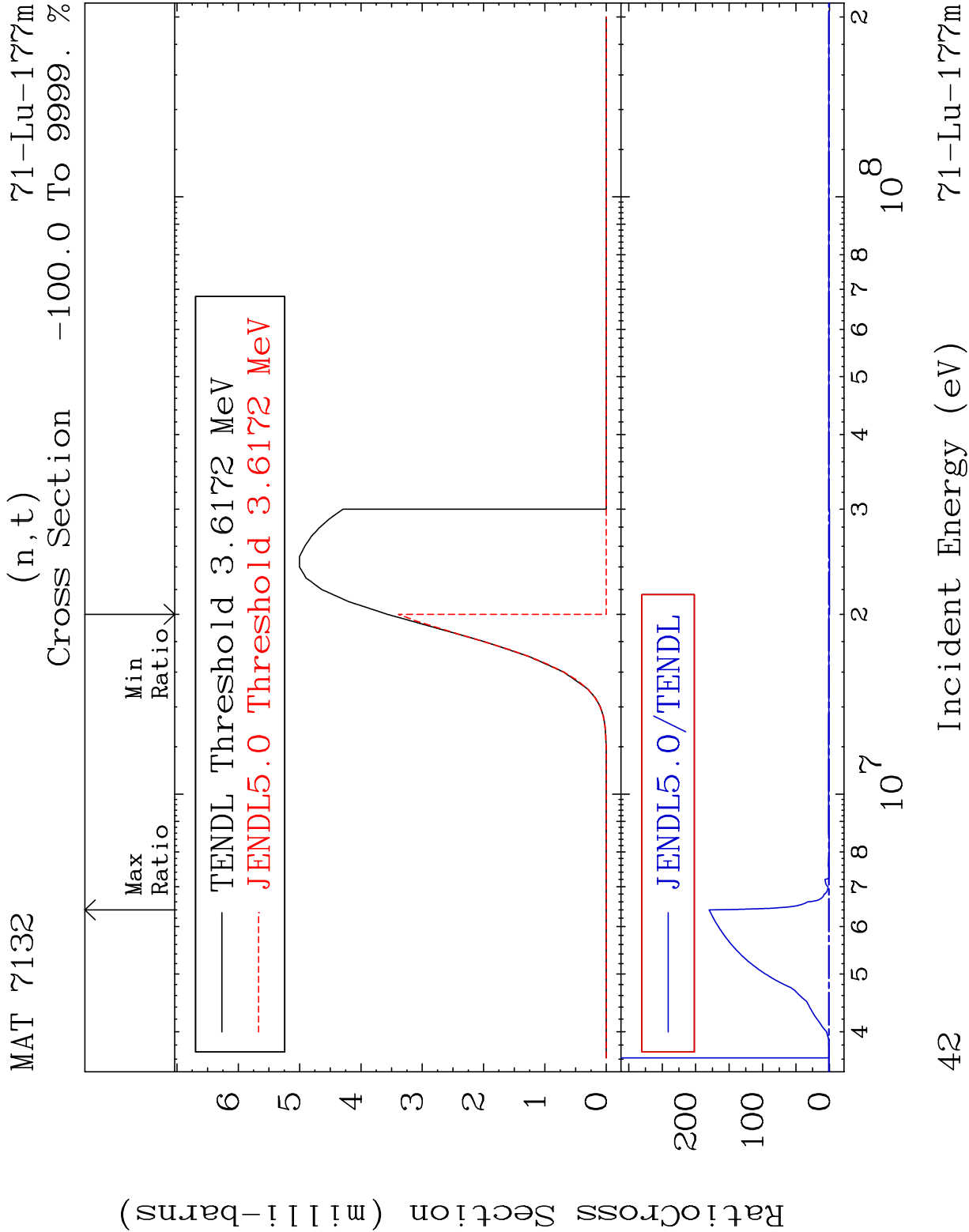
71-Lu-177m

Cross Section

-100.0 To 9041. %





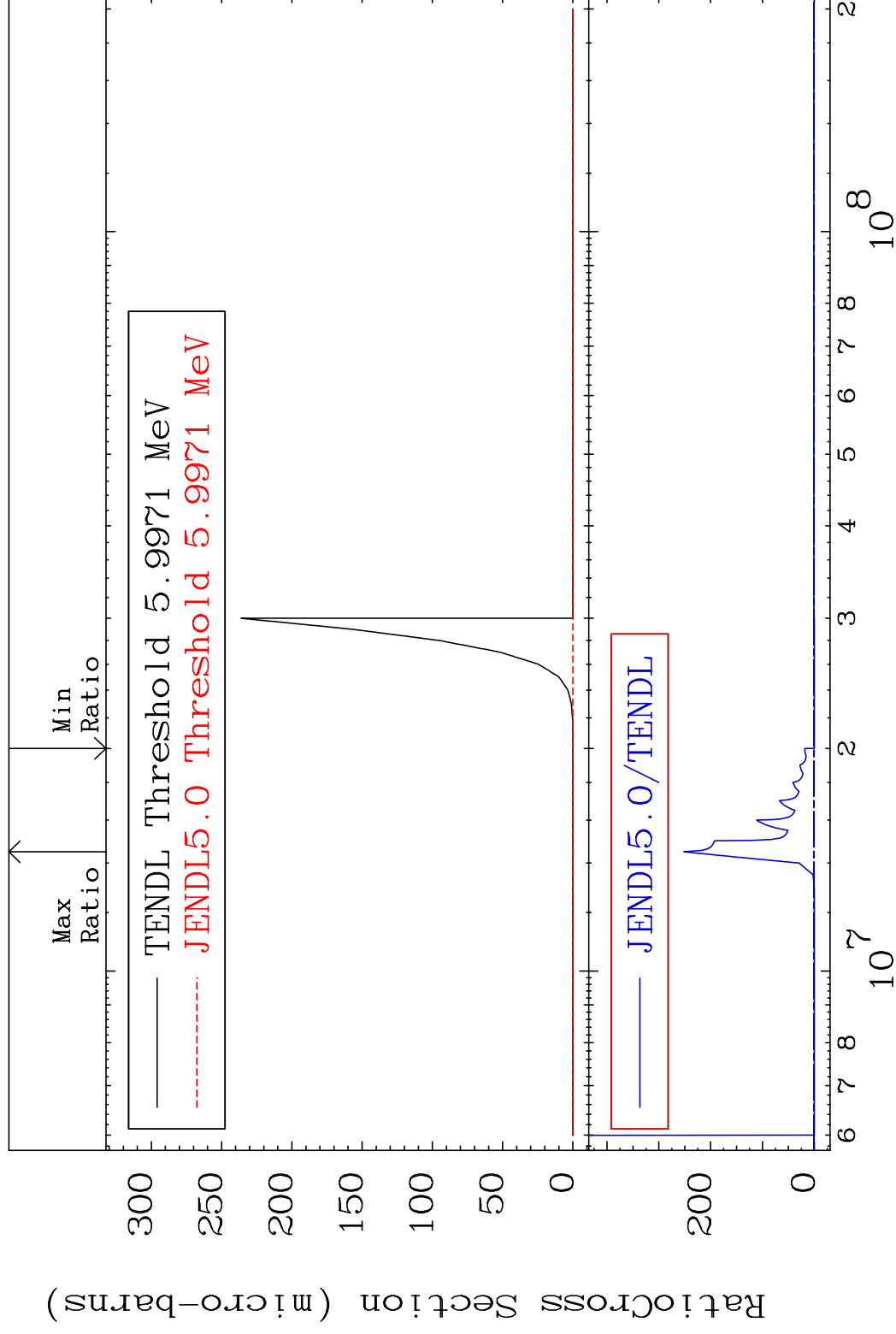


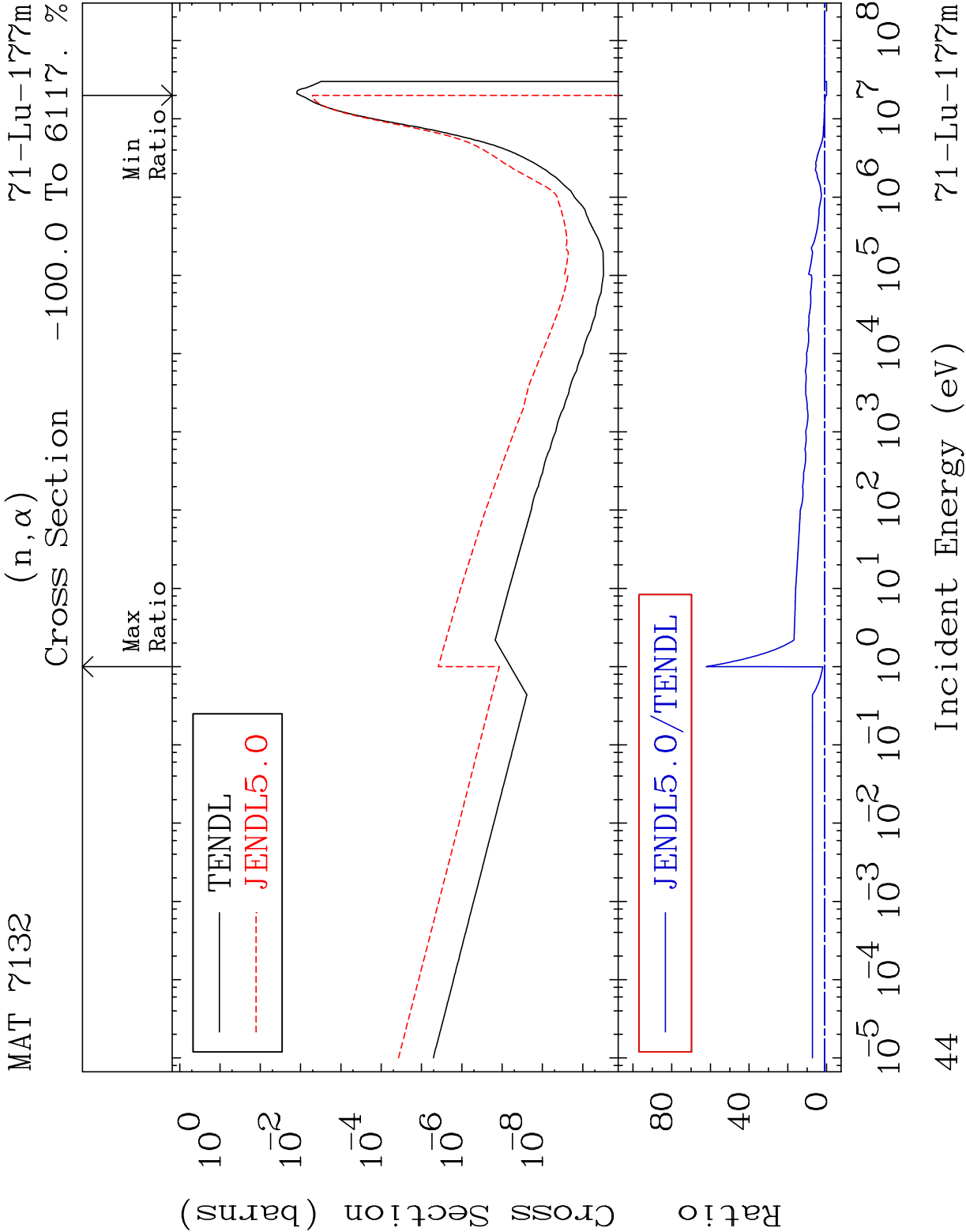
MAT 7132

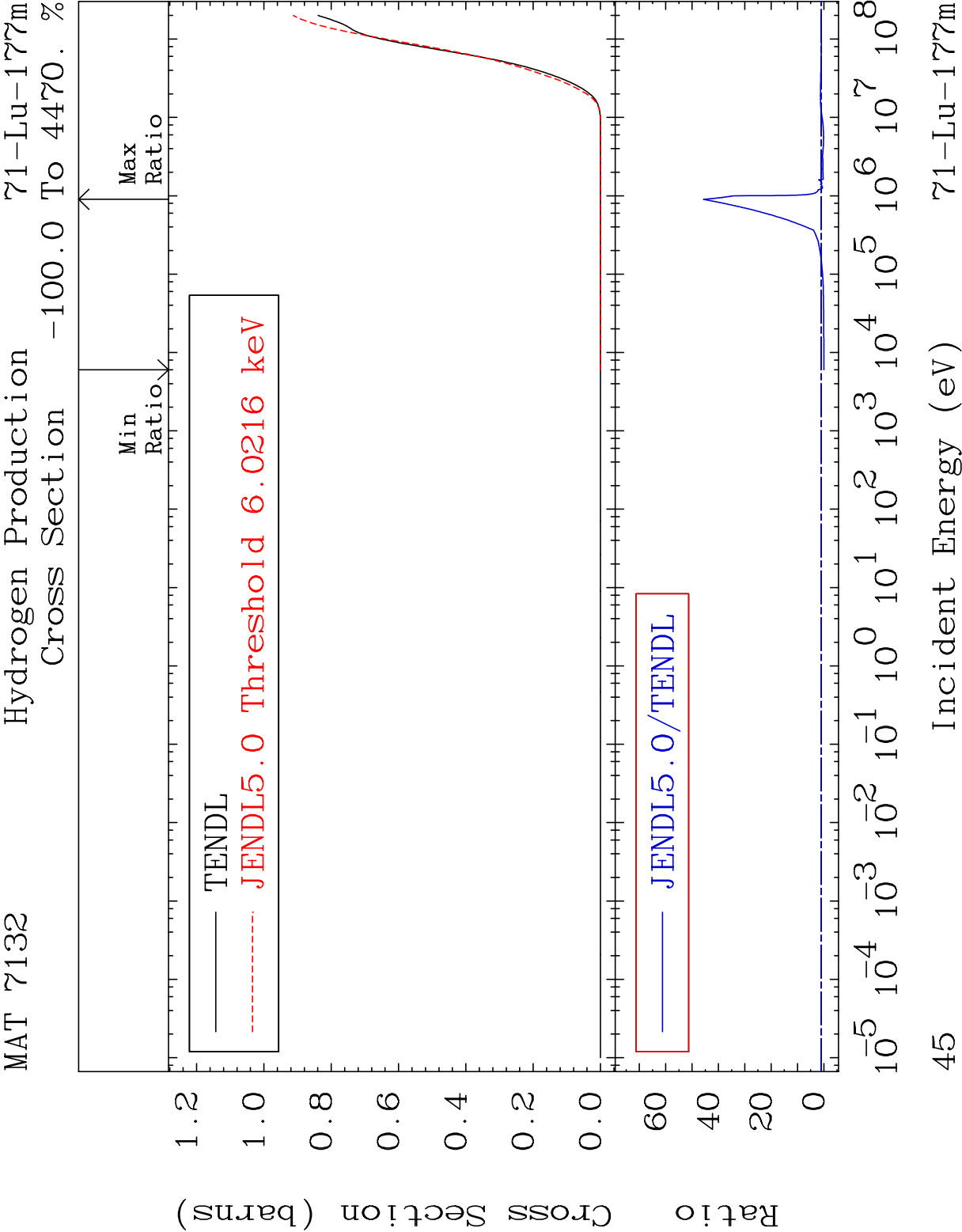
 $(n, \text{He-3})$

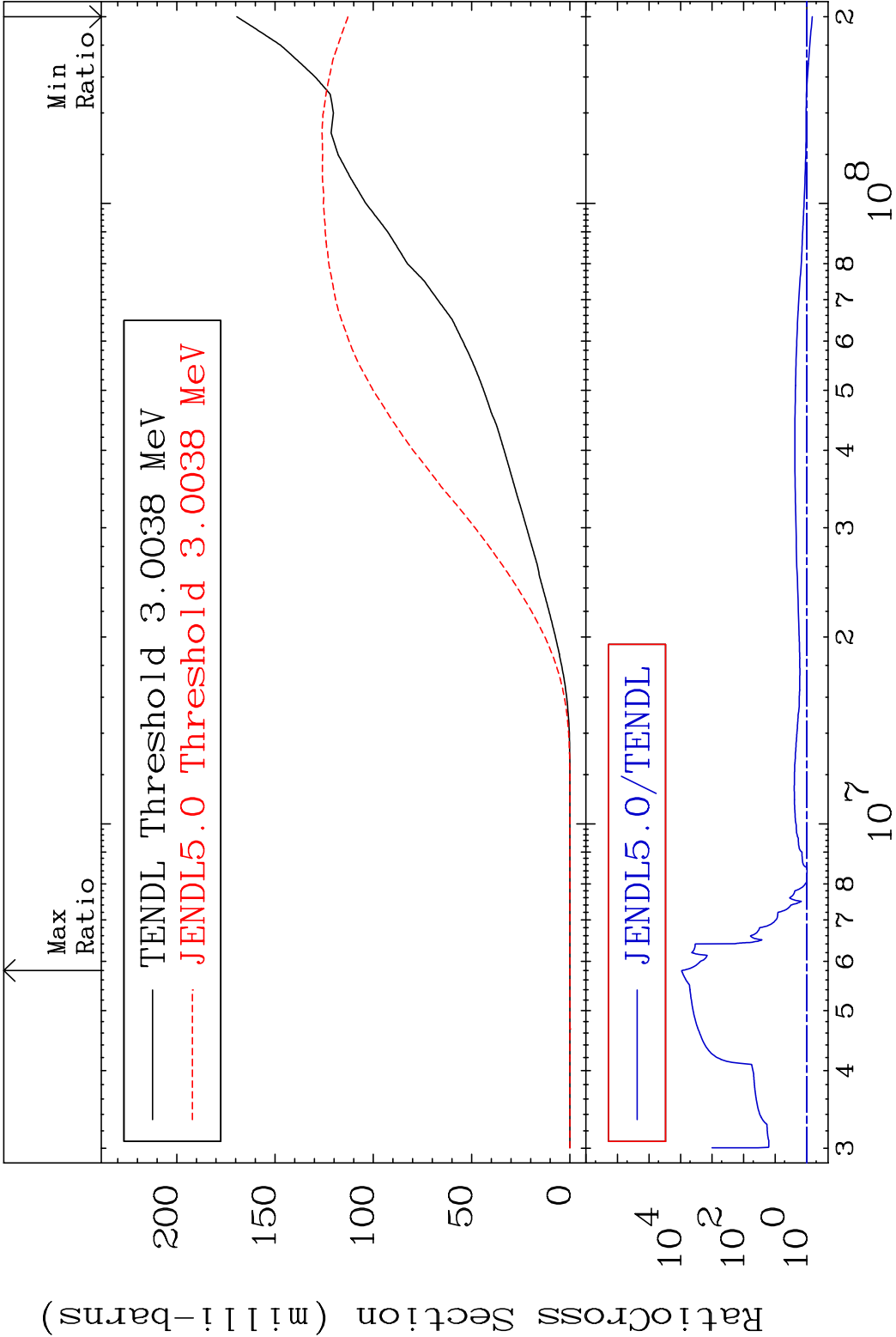
71-Lu-177m

Cross Section -100.0 To 9999. %

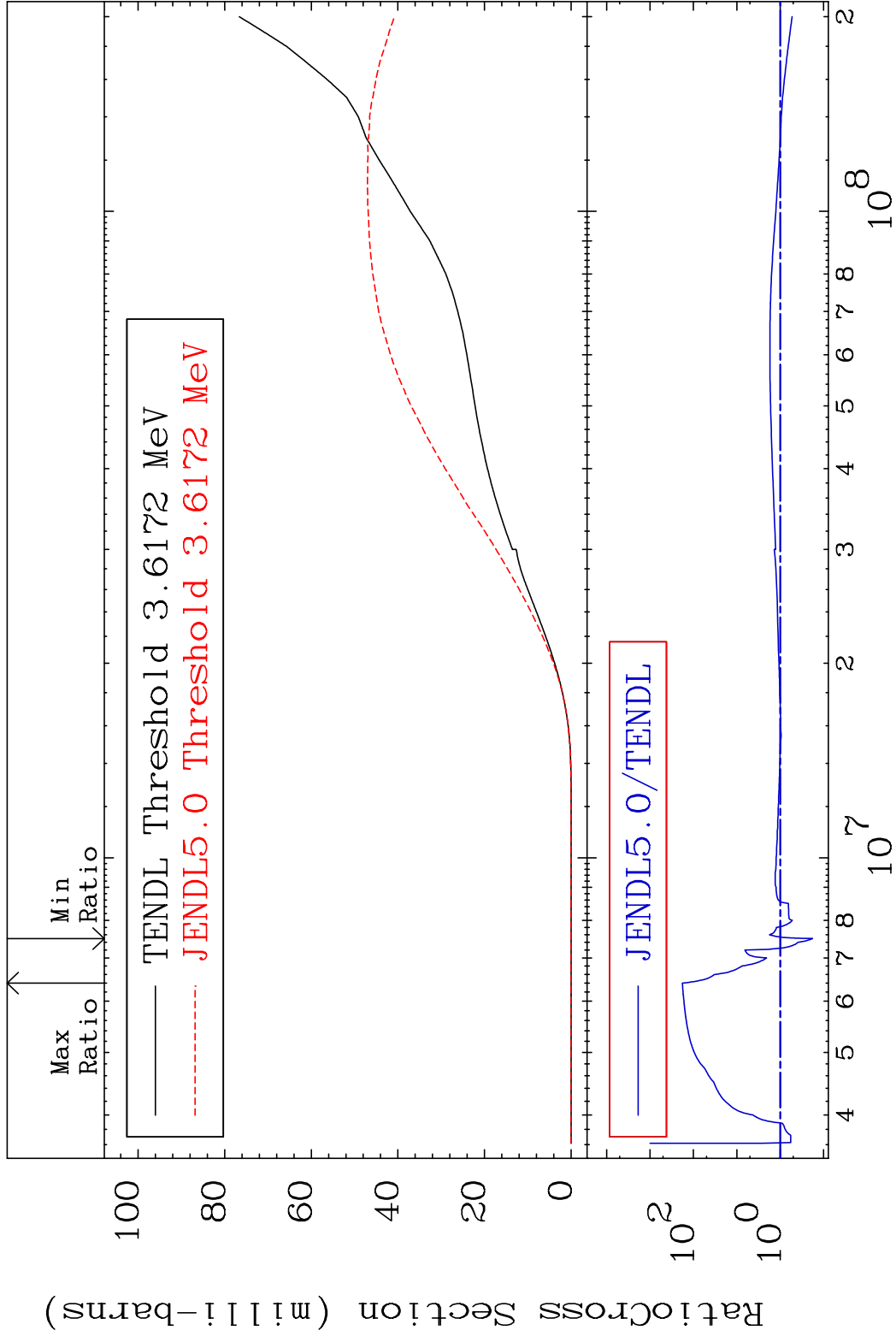




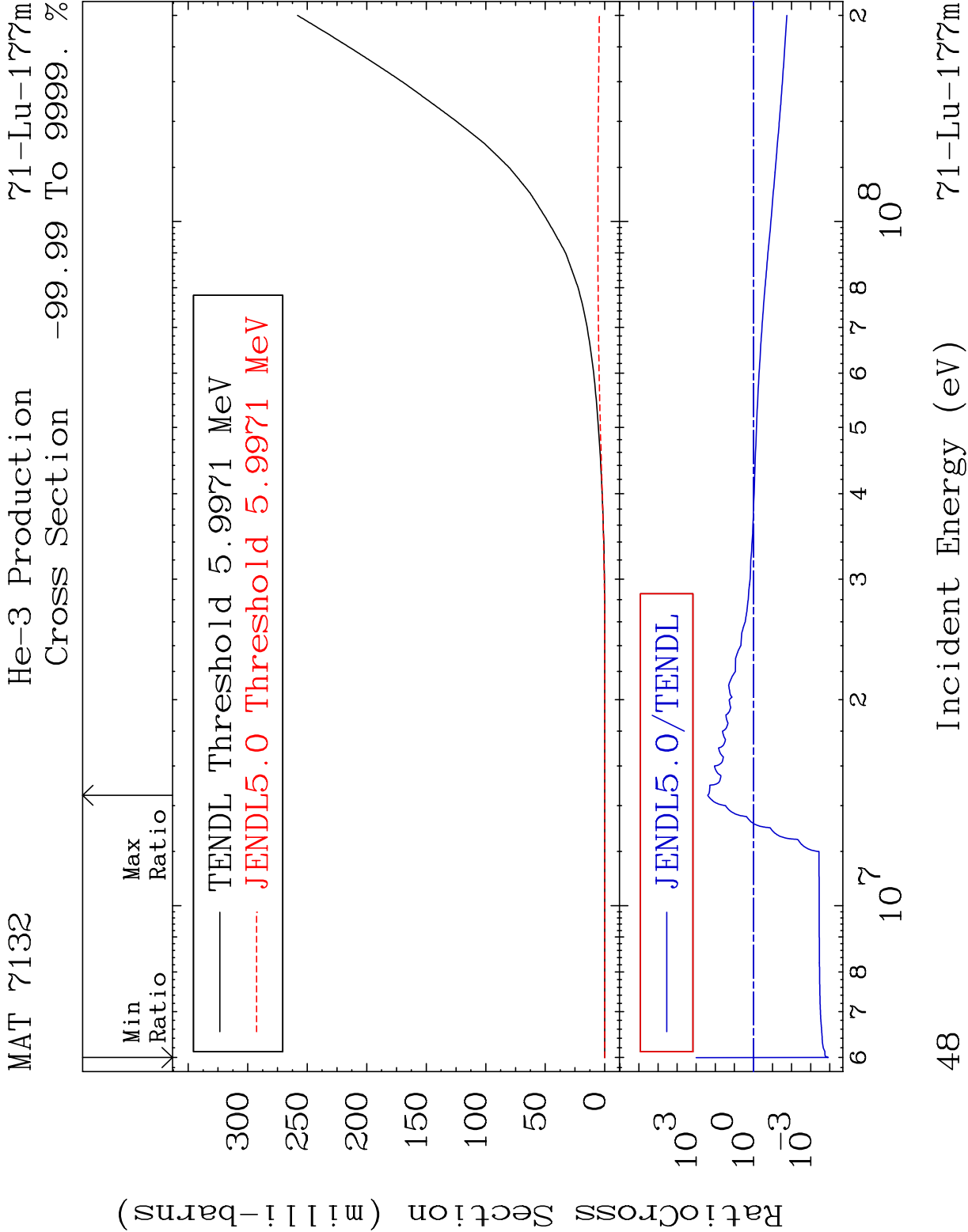


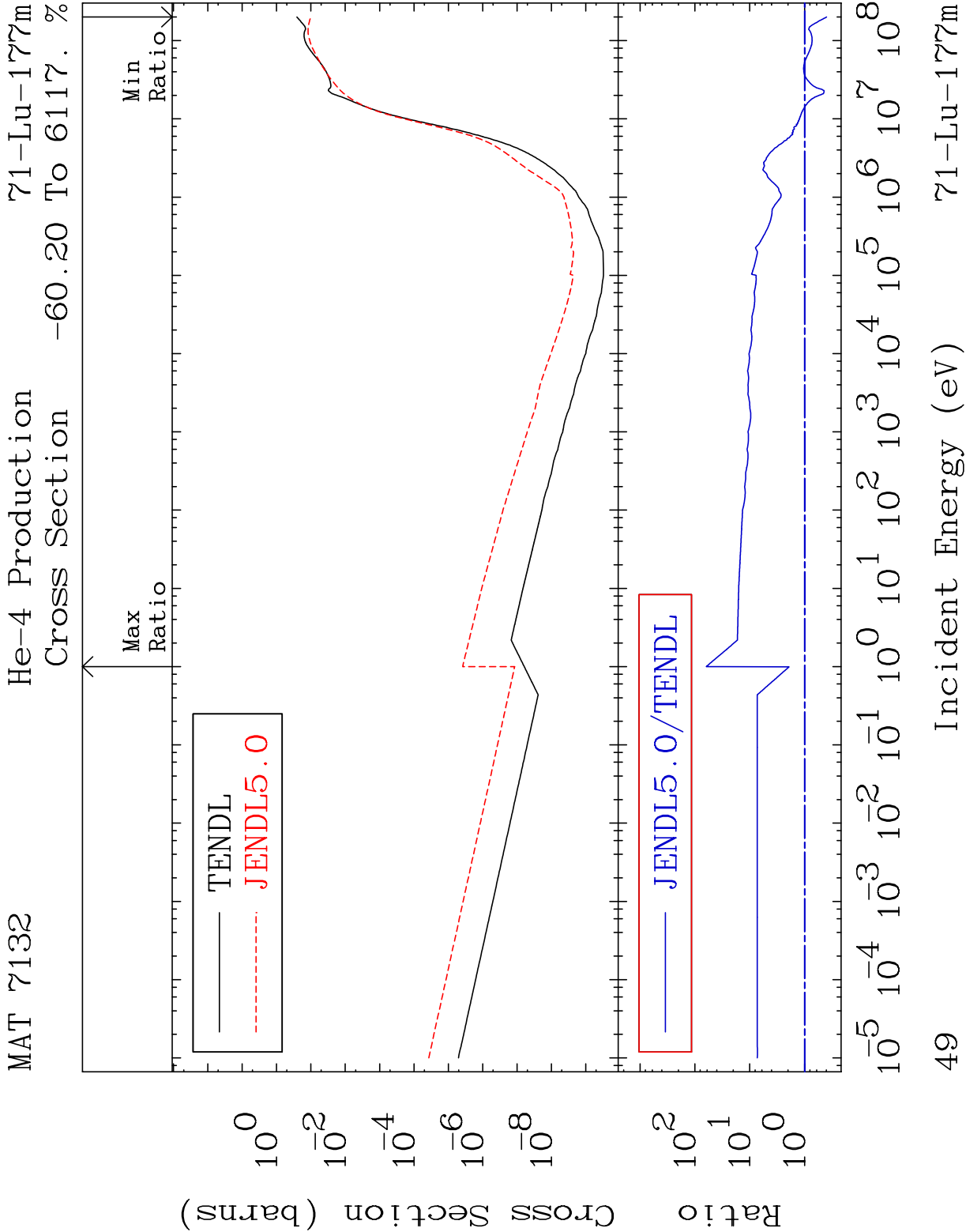


MAT 7132 Tritium Production ⁷¹Lu-177m
Cross Section -82.03 To 9999. %

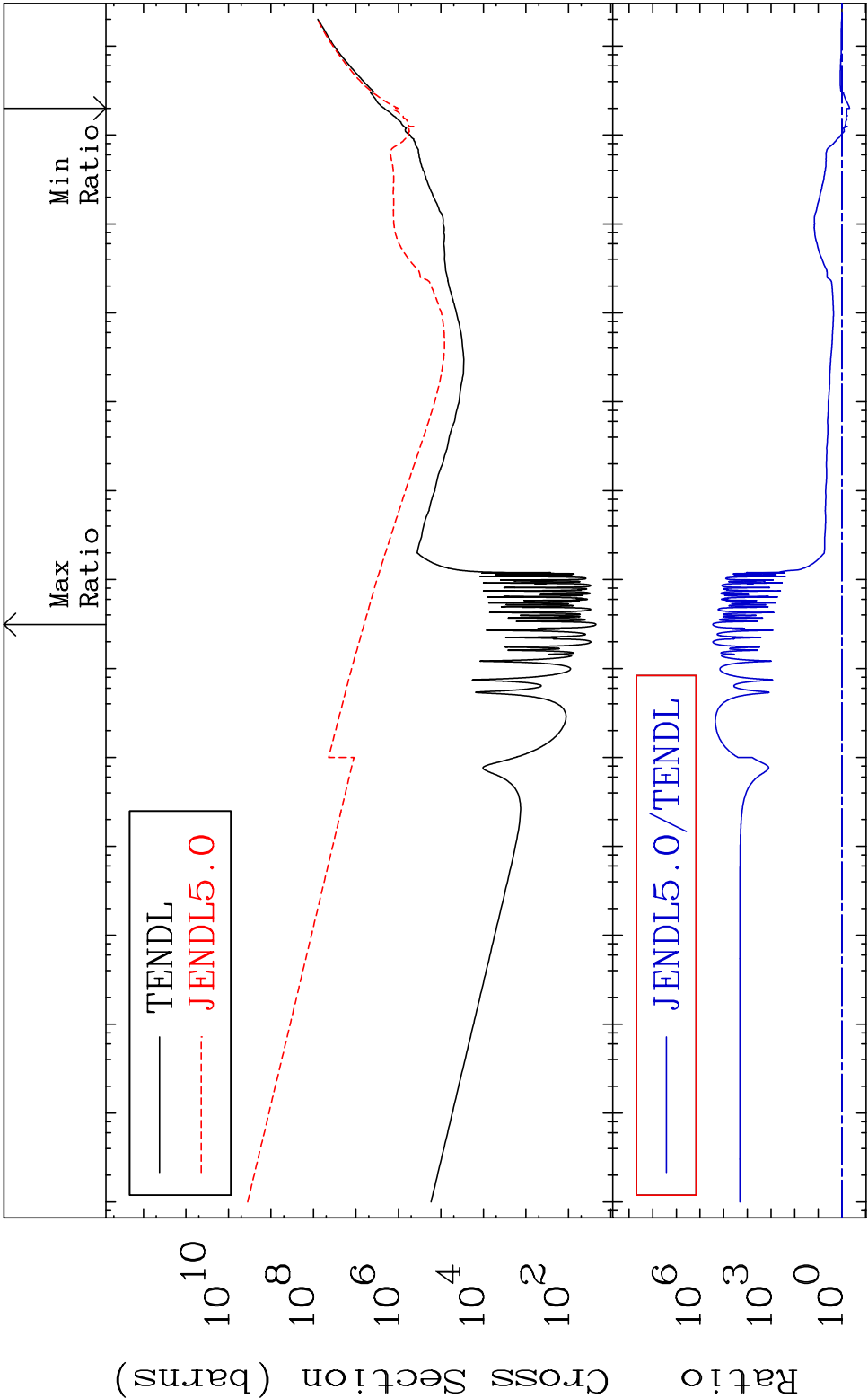


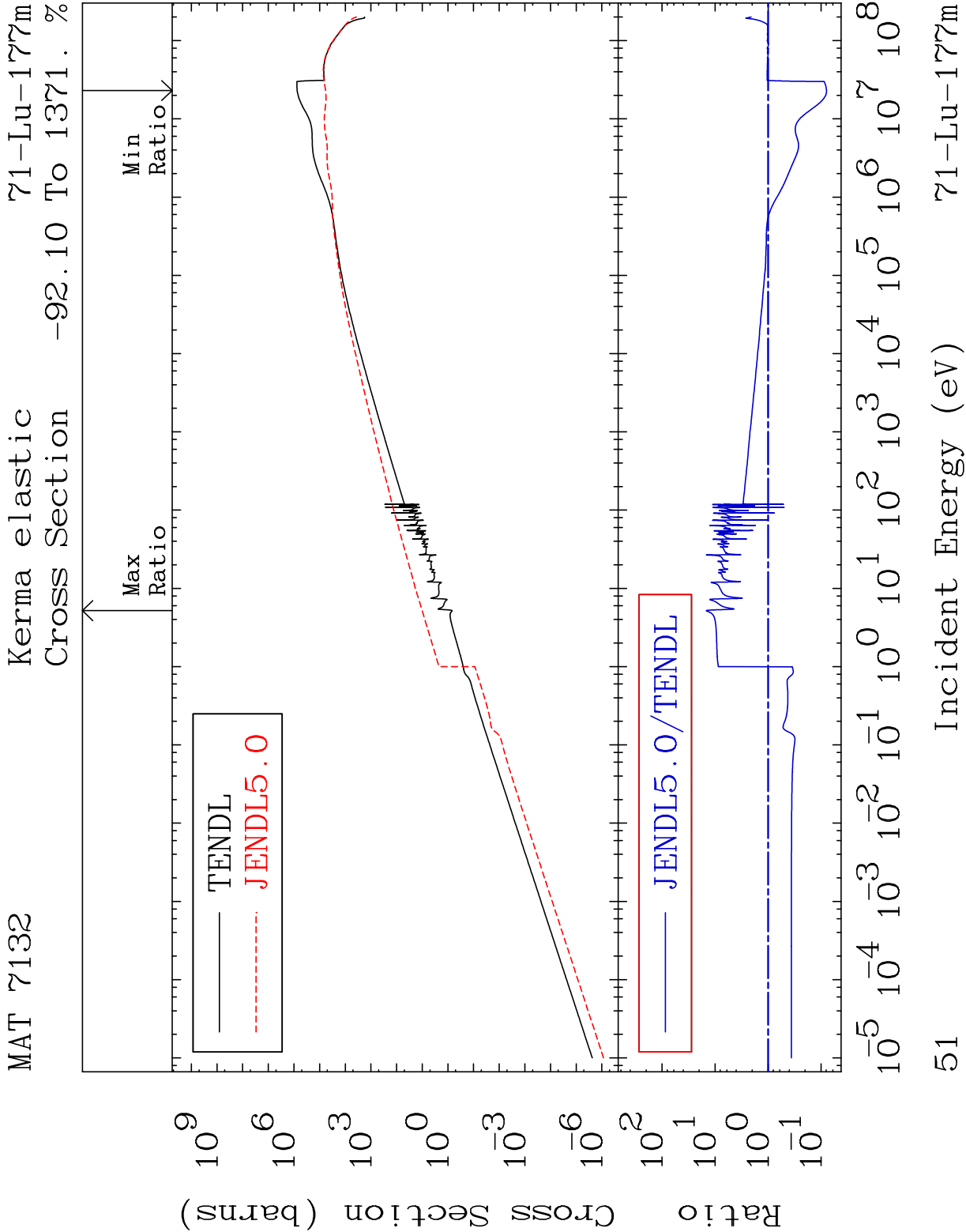
47 Incident Energy (eV) ⁷¹Lu-177m



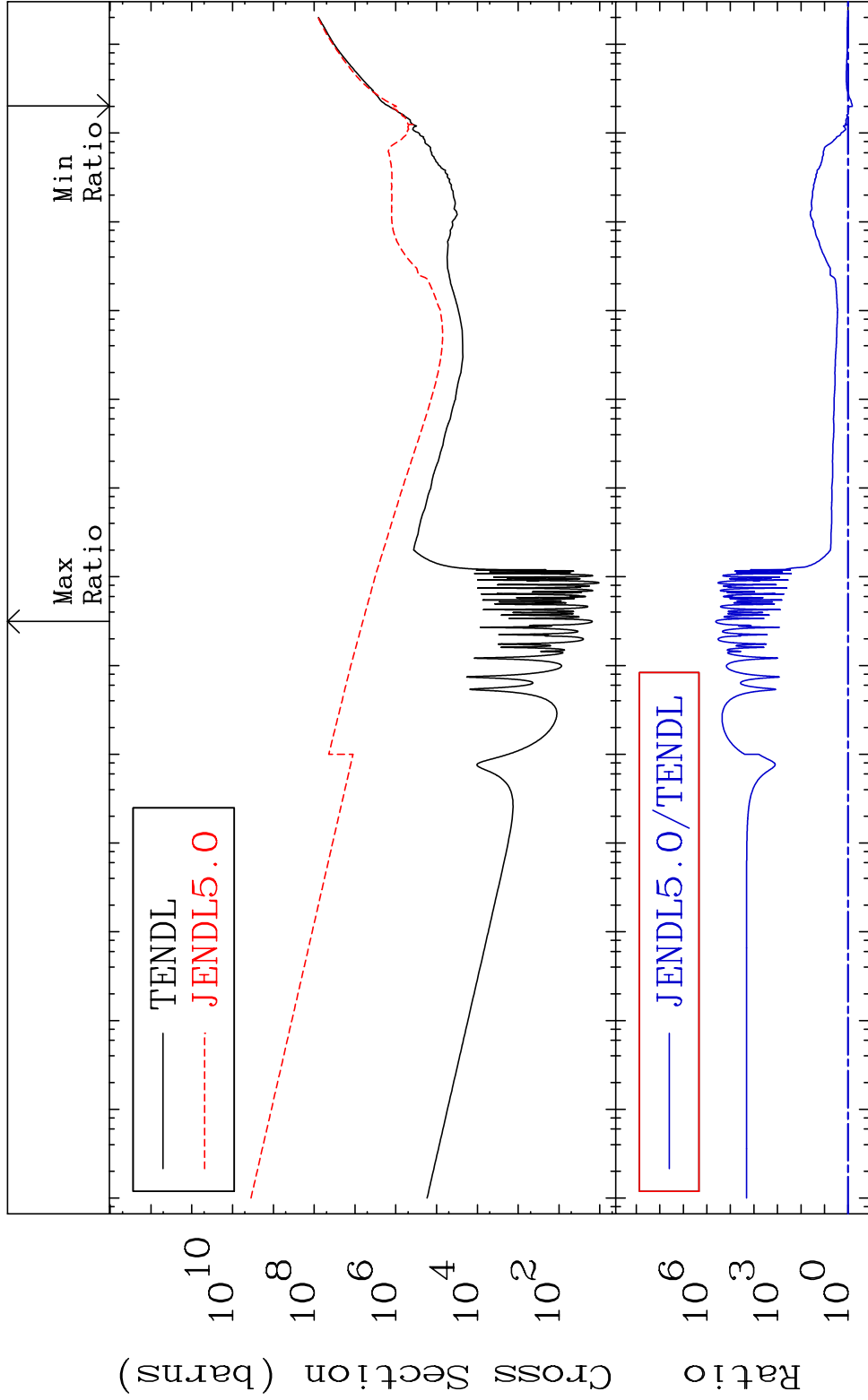


MAT 7132	Kerma total (eV-barns)	71-Lu-177m
	Cross Section	-52.22 To 9999. %

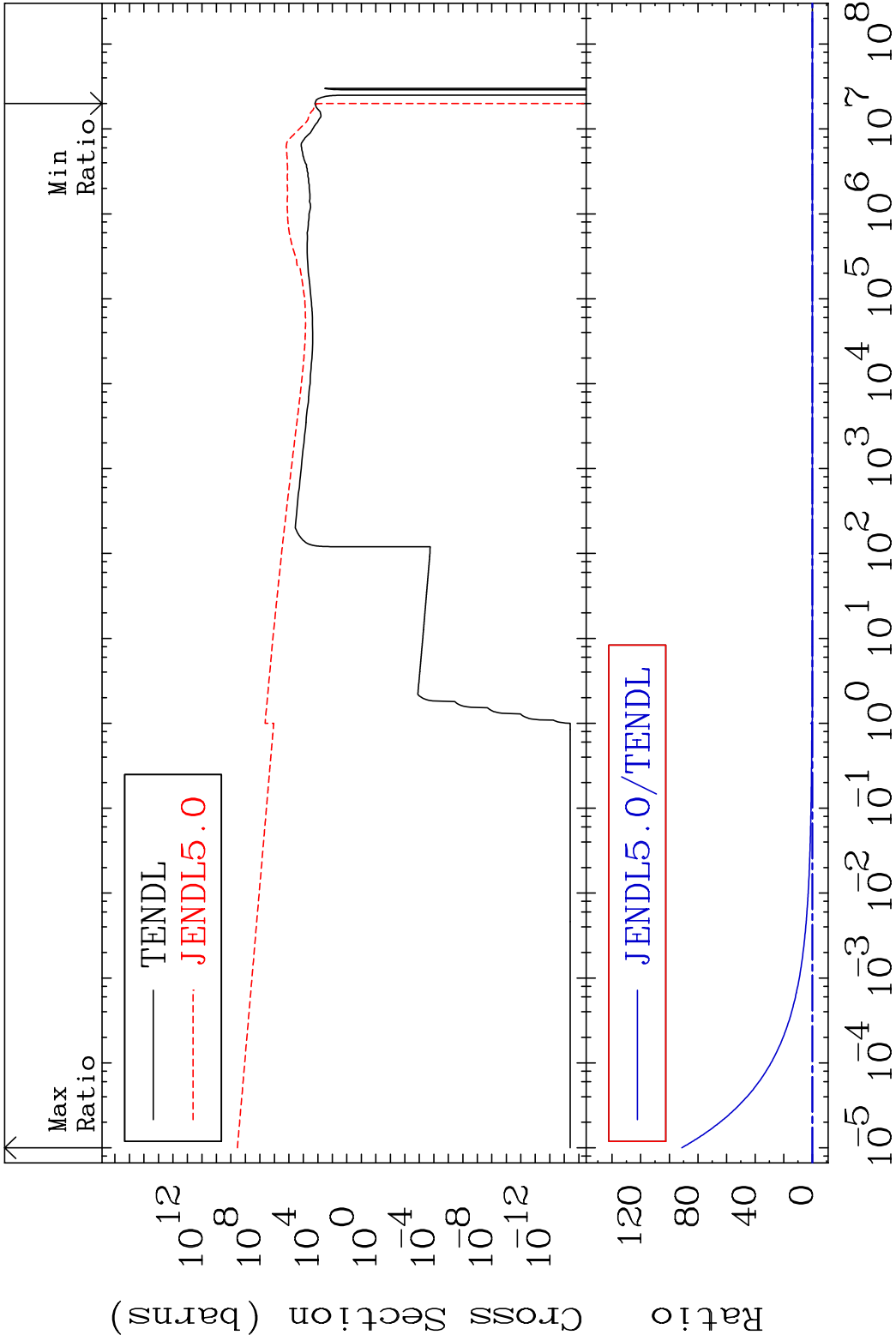




MAT 7132 Kerma non-elastic (all but mt2) 71-Lu-177m
Cross Section -33.49 To 9999. %

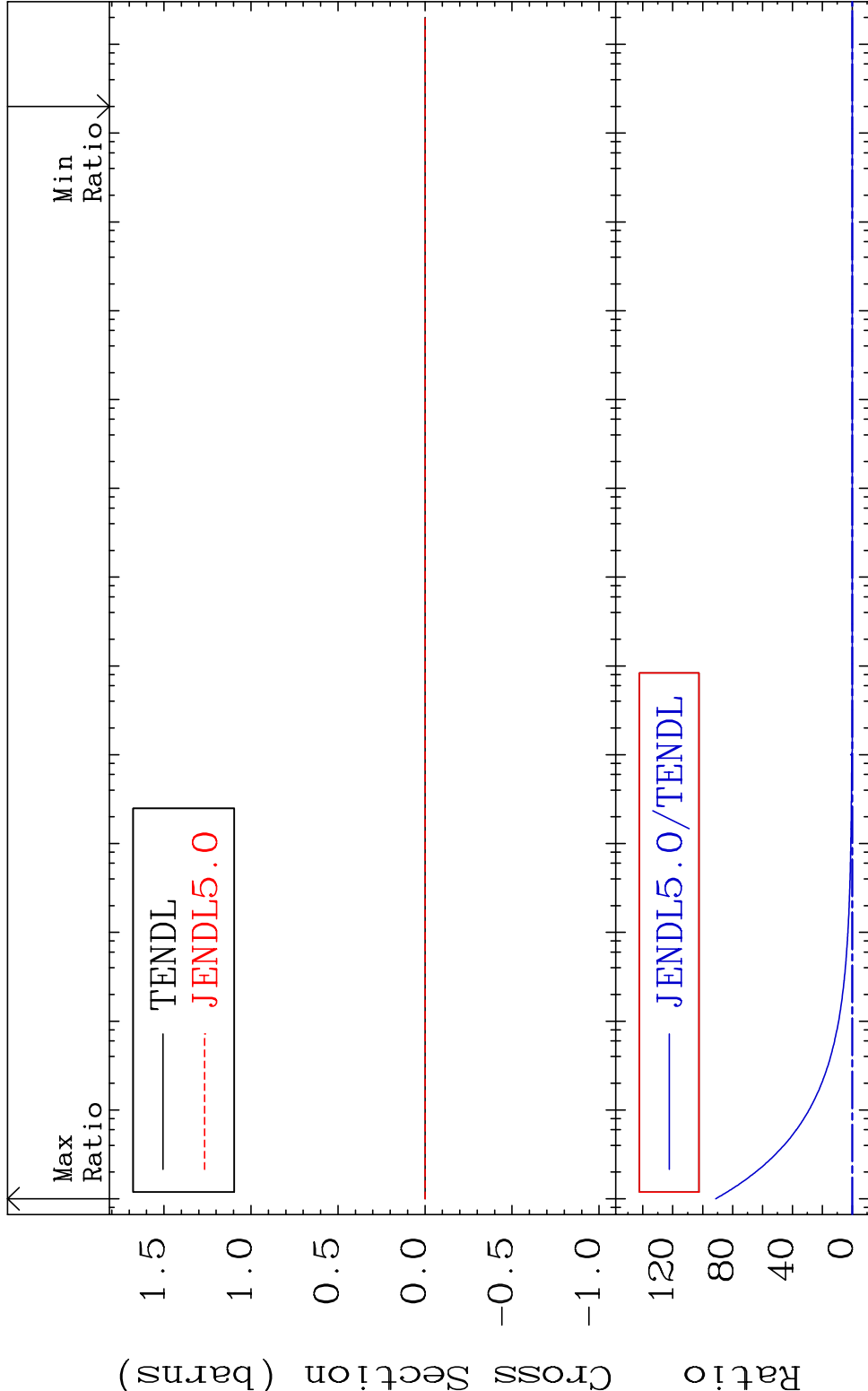


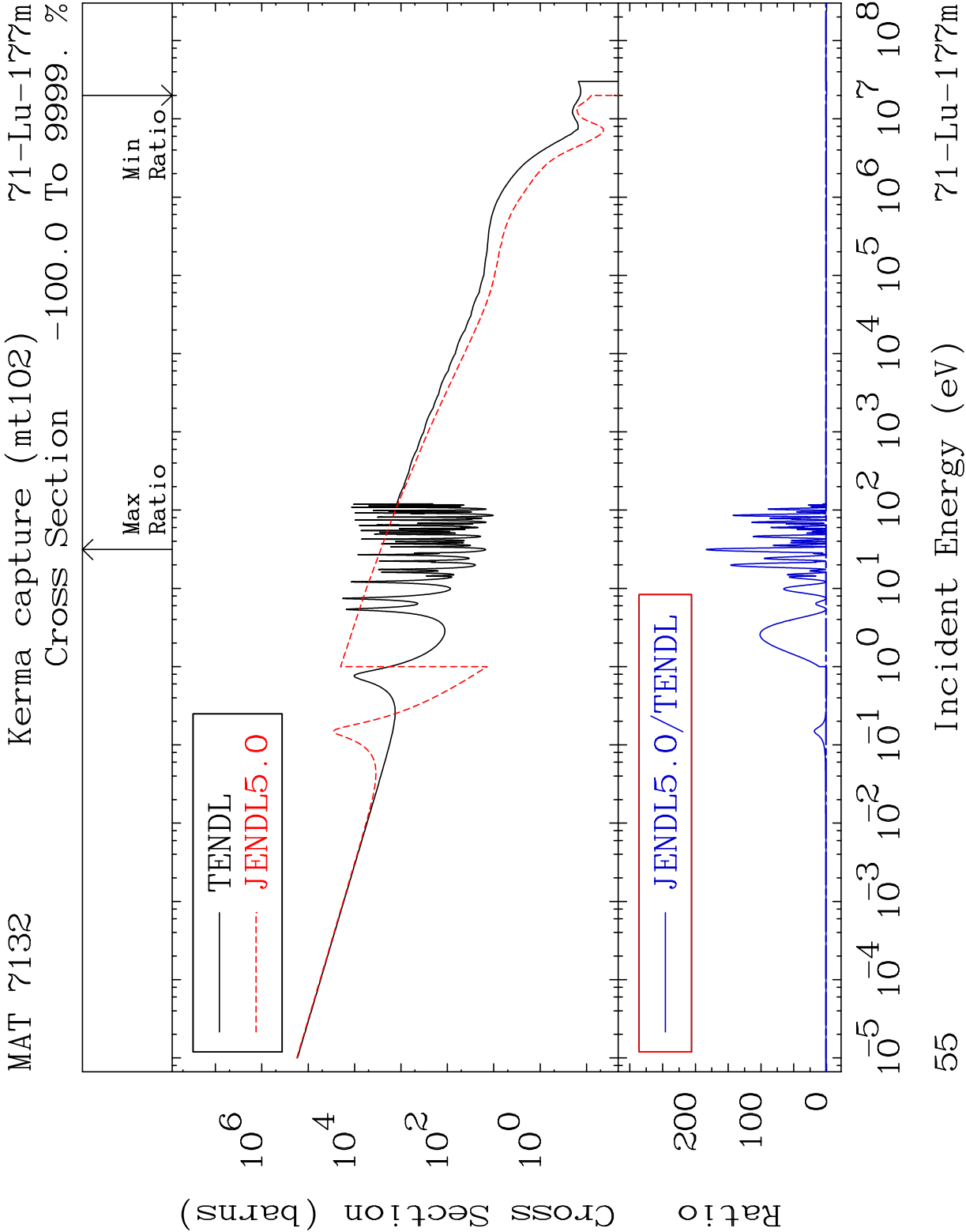
MAT 7132 Kerma inelastic (mt51-91) 71-Lu-177m
Cross Section -100.0 To 9999. %

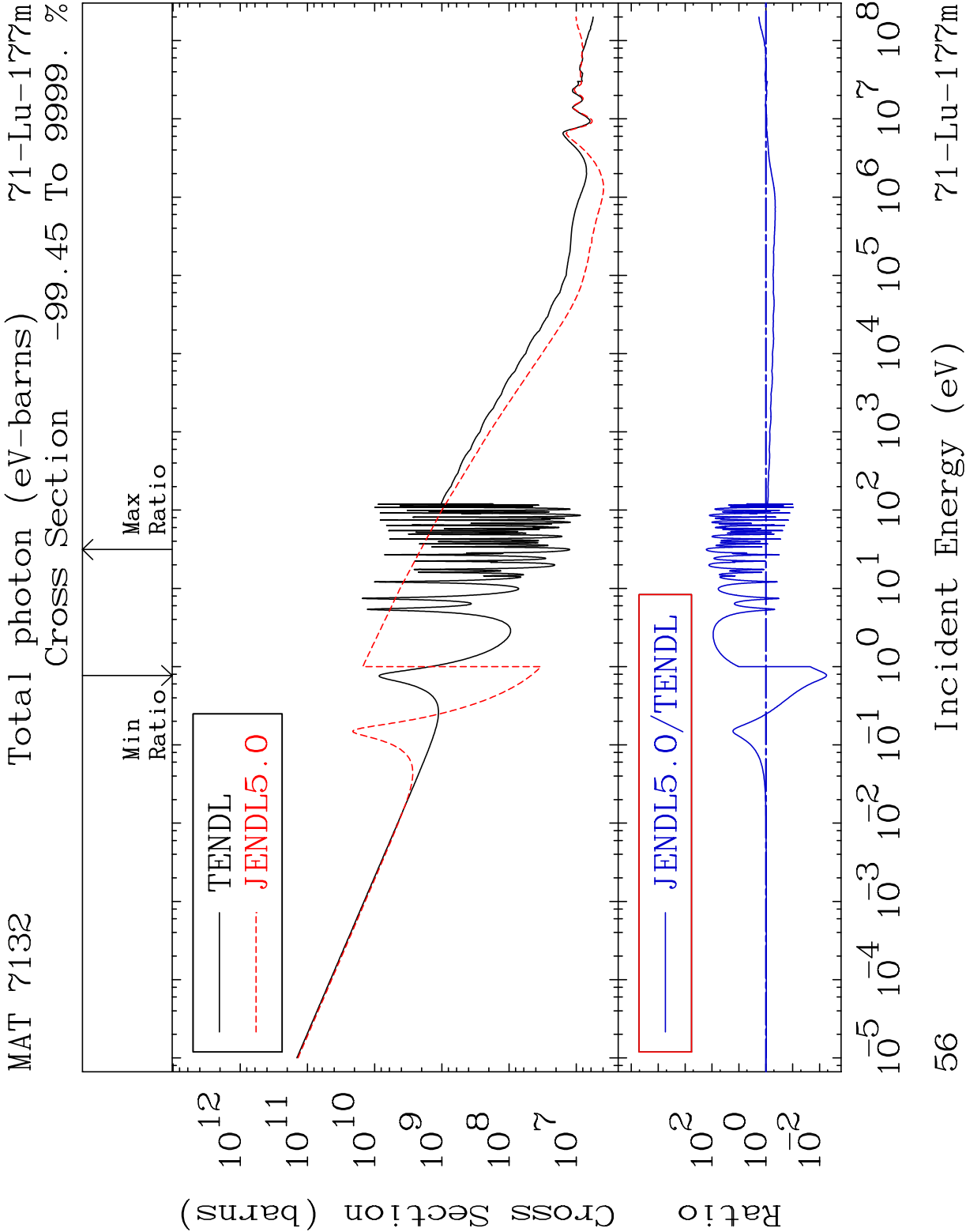


MAT 7132Kerma fission (mt18 or mt19-20-21-38)-Lu-177m

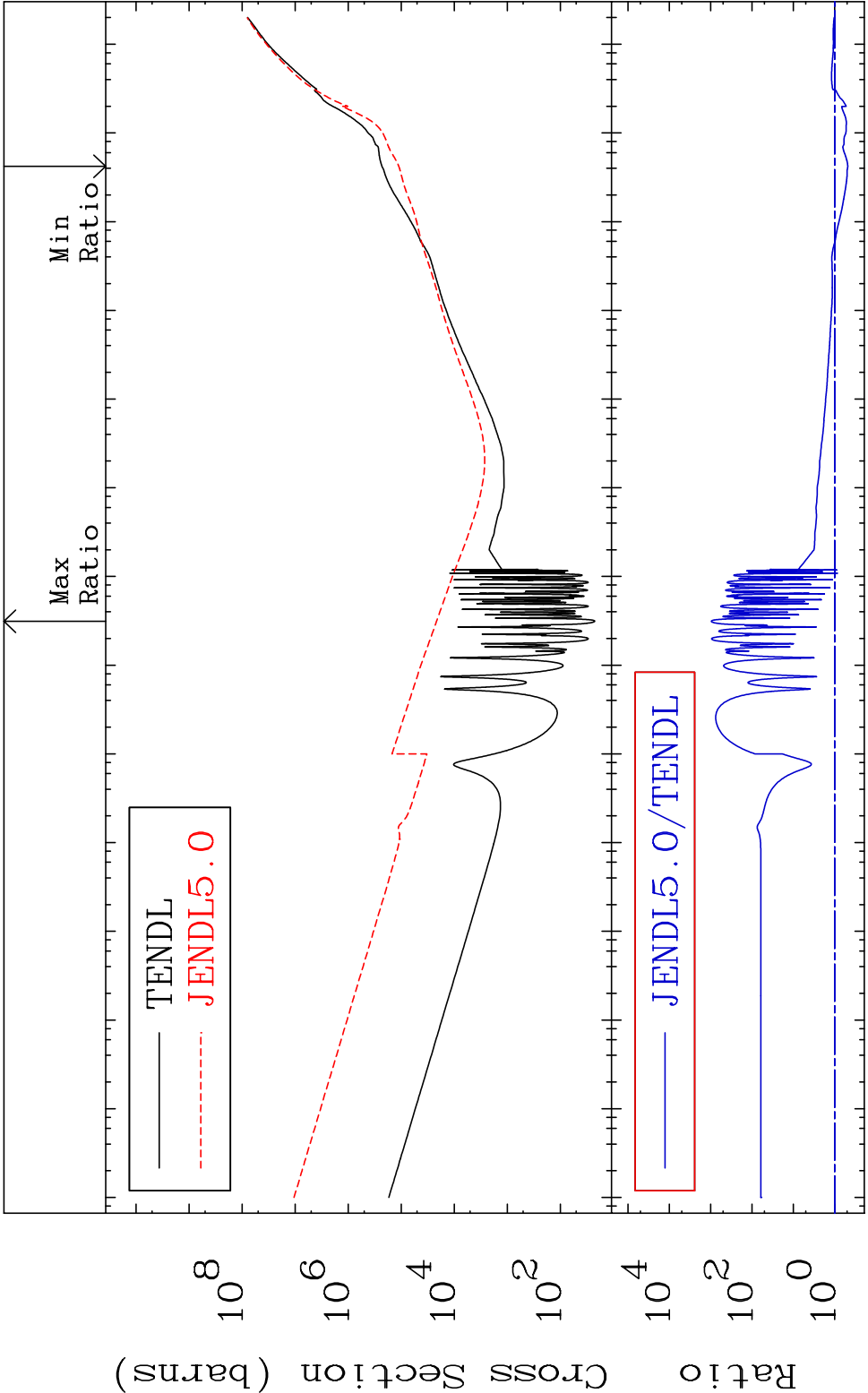
Cross Section -100.0 To 9999. %



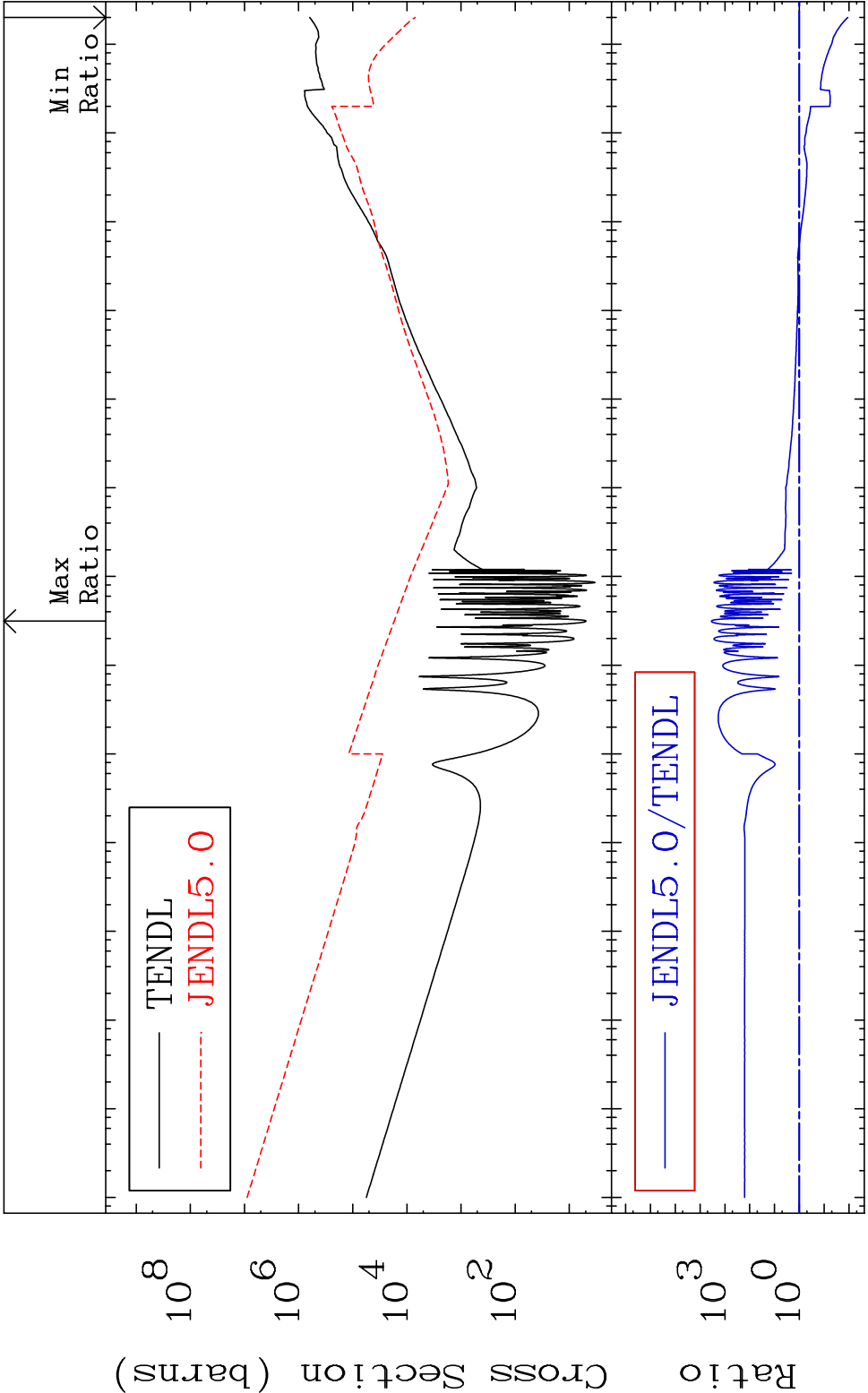




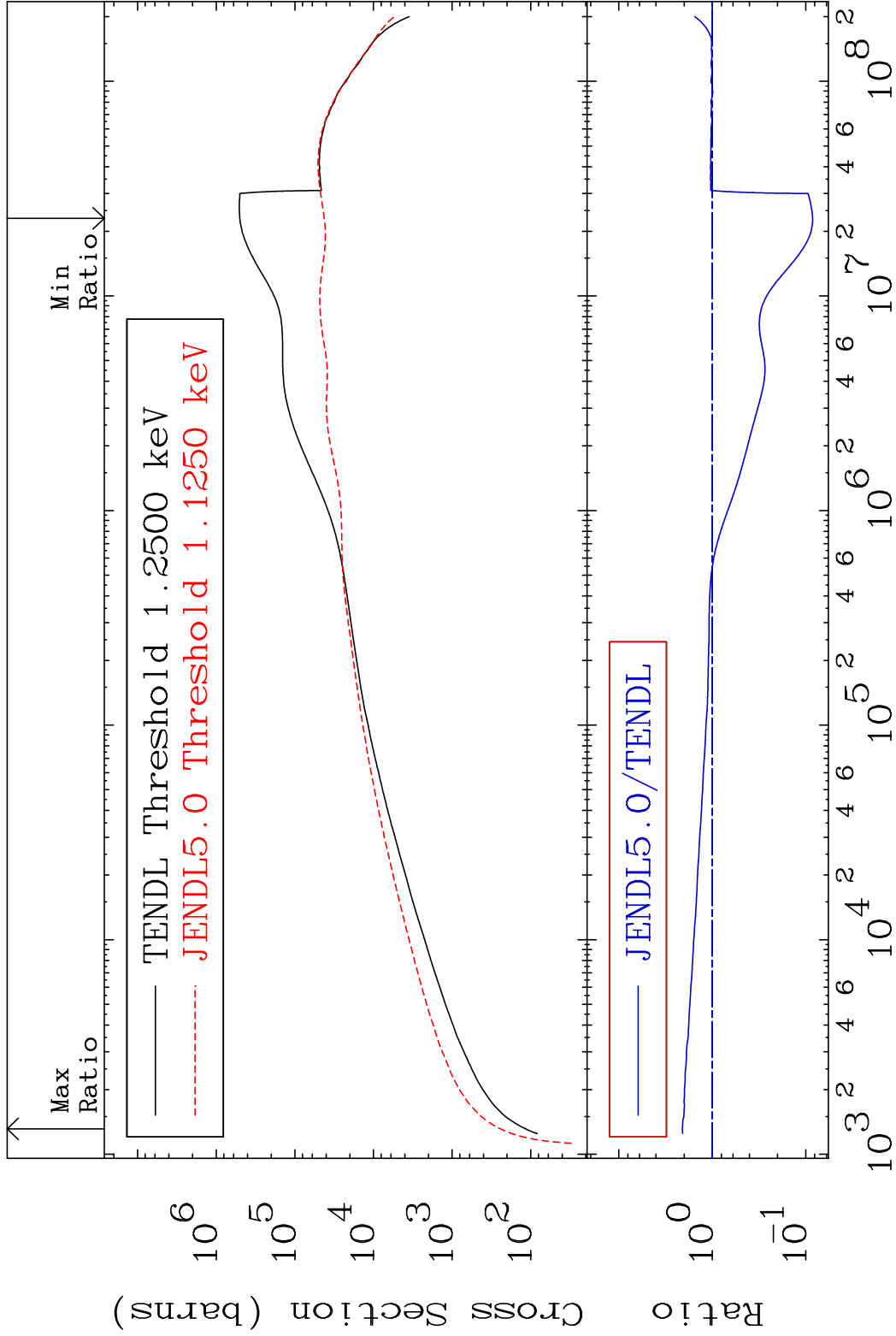
MAT 7132 Total kinematic kerma (high limit)71-Lu-177m
Cross Section -52.00 To 9999. %



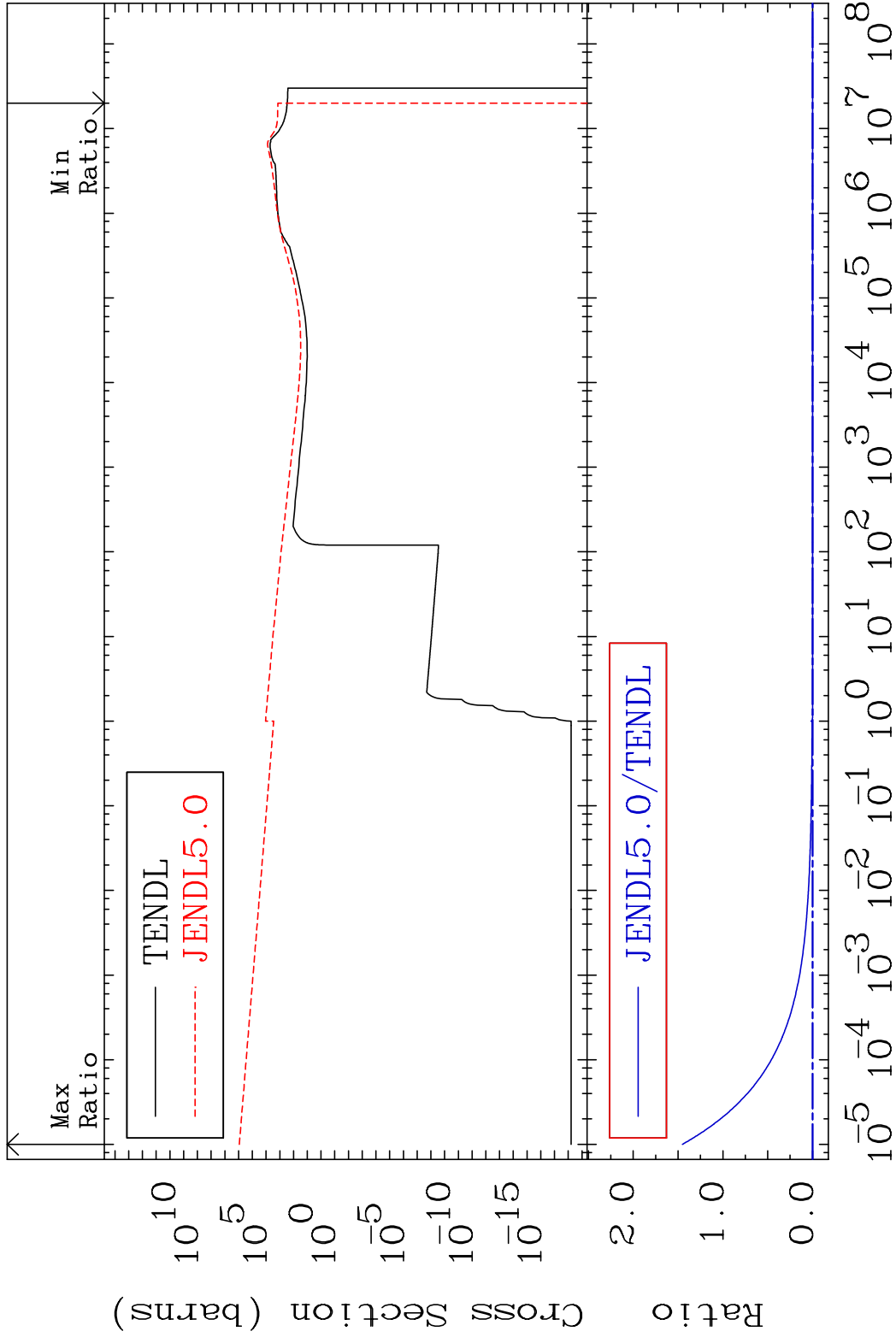
MAT 7132 Dpa total (eV-barns) 71-Lu-177m
Cross Section -98.87 To 9999. %



MAT 7132 Dpa elastic (mt2) 71-Lu-177m
Cross Section -91.56 To 108.9 %

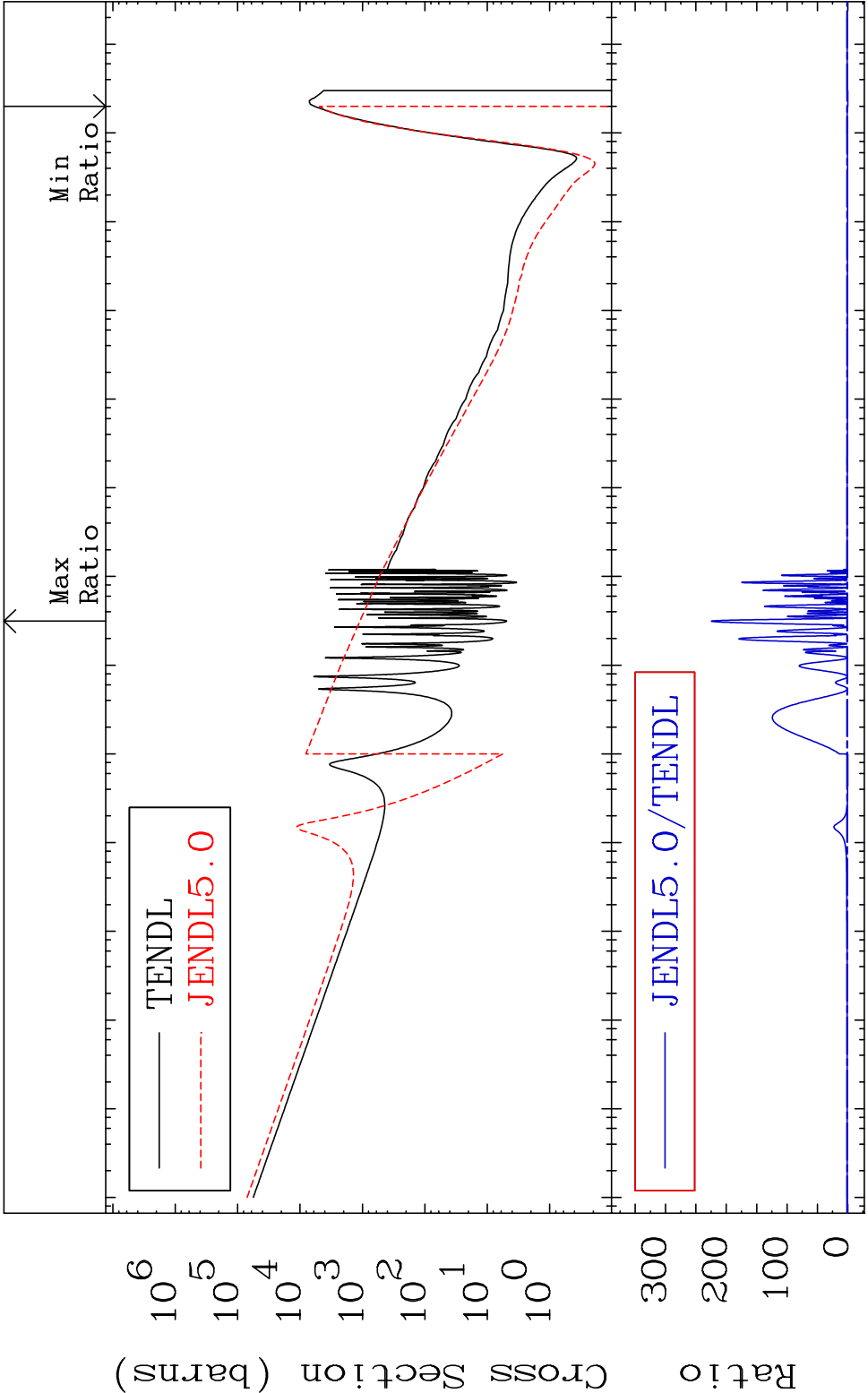


MAT 7132 Dpa inelastic (mt51-91) 71-Lu-177m
Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 71-Lu-177m

MAT 7132 Dpa disappearance (mt102 -120) 71-Lu-177m
Cross Section -100.0 To 9999. %



61 Incident Energy (eV) 71-Lu-177m

