

Program Complot
(Version 2021-1)

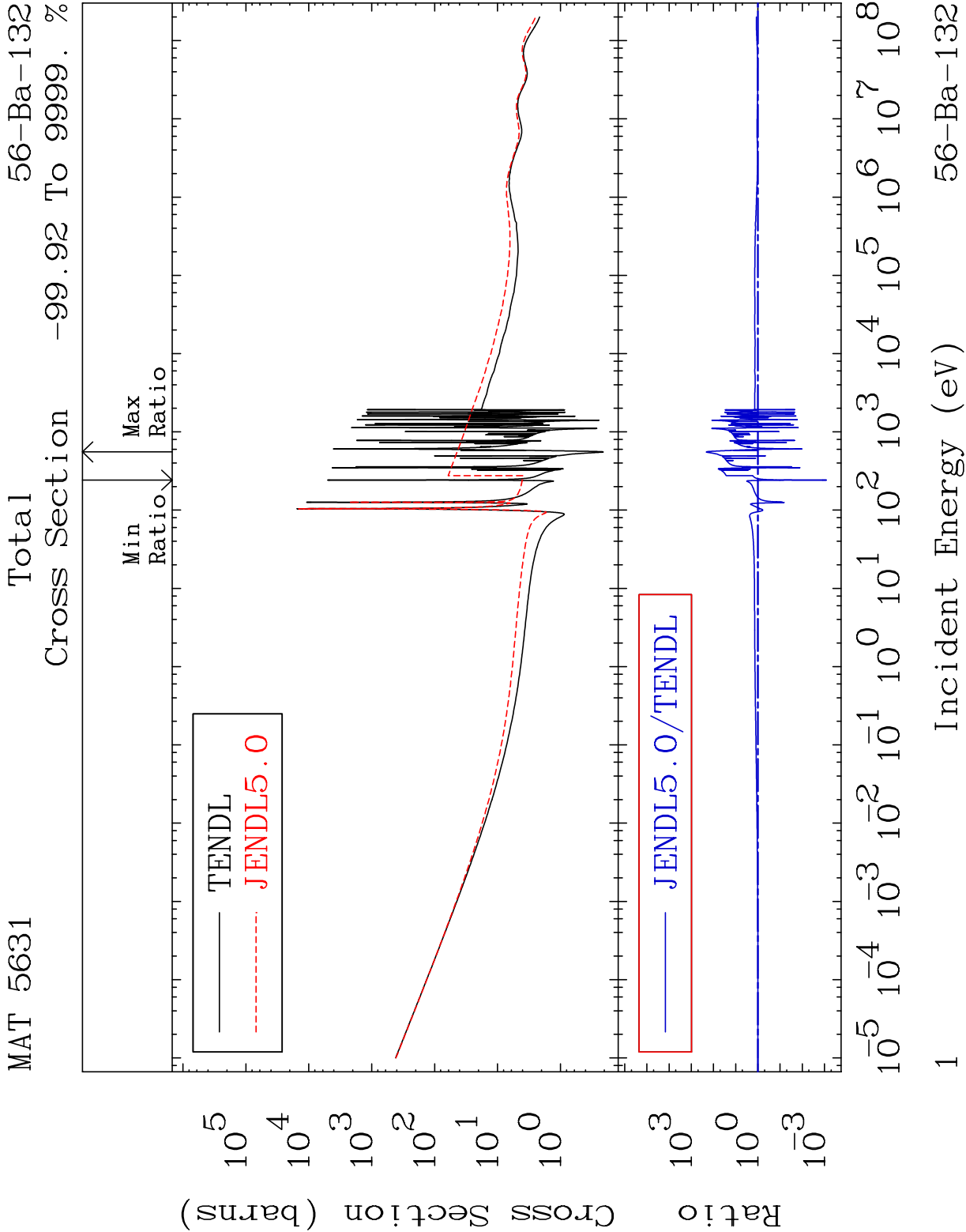
by

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Press Mouse Button to Start

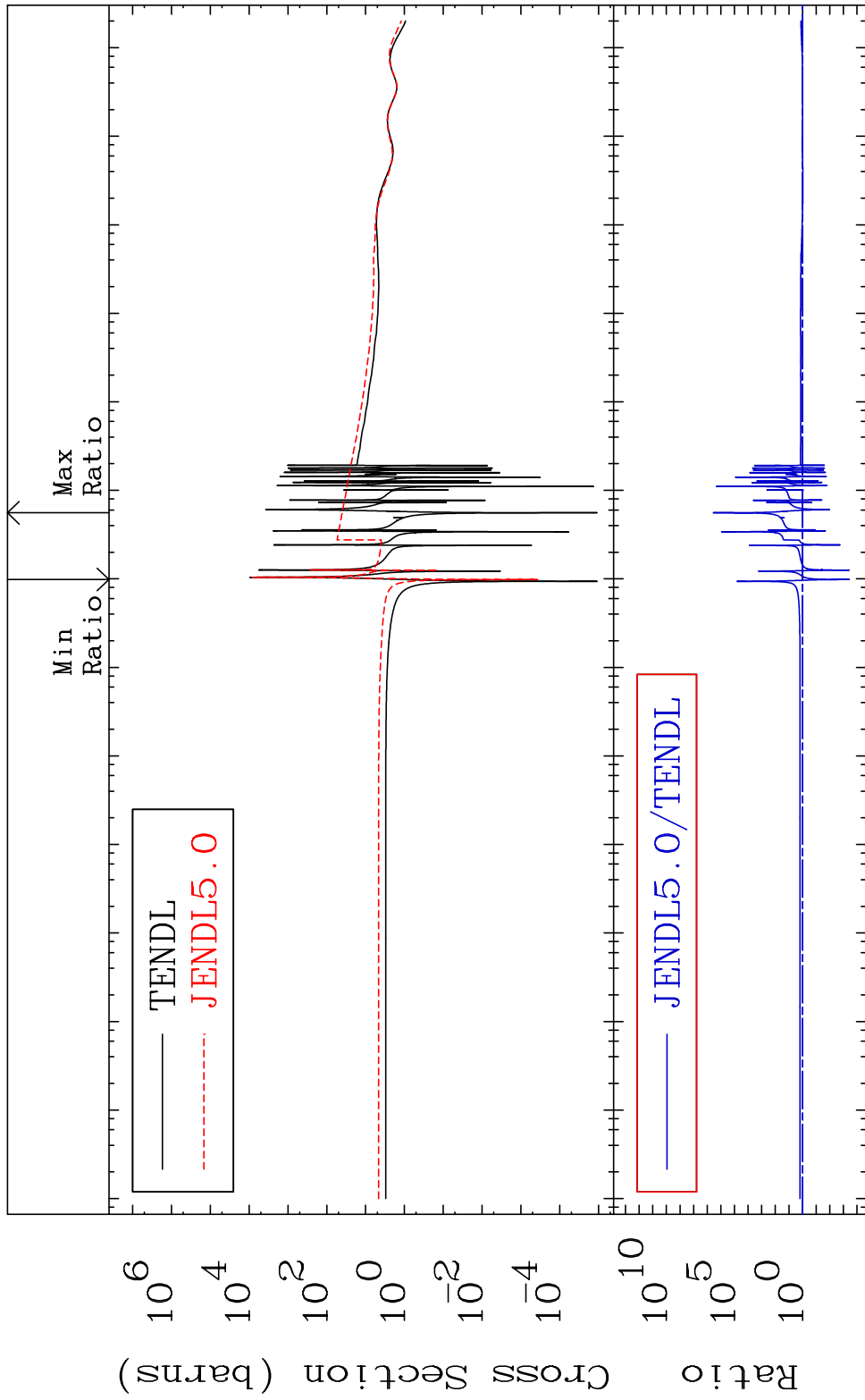


MAT 5631

Elastic

56-Ba-132

Cross Section -99.96 To 9999. %

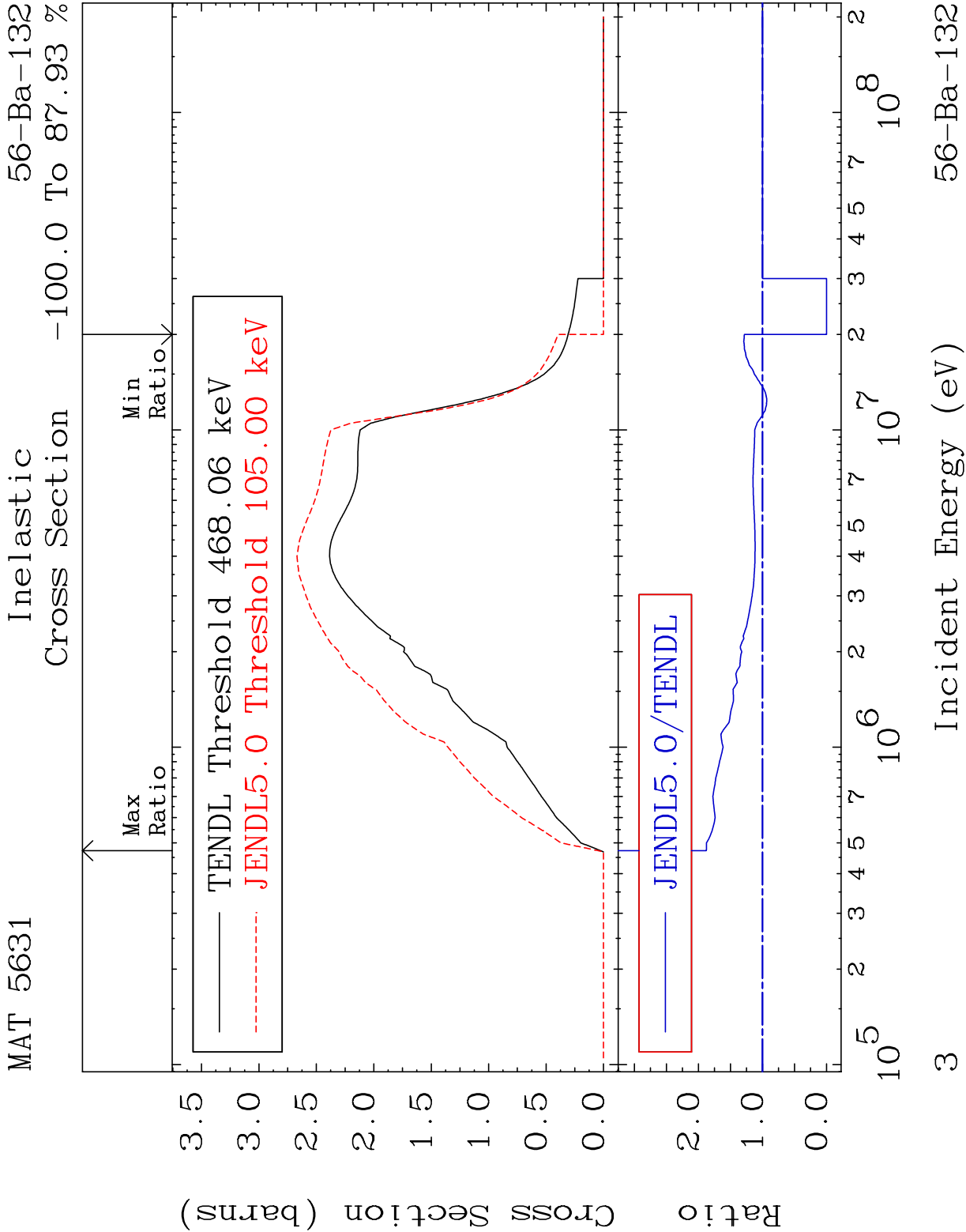


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

2

Incident Energy (eV)

56-Ba-132



MAT 5631

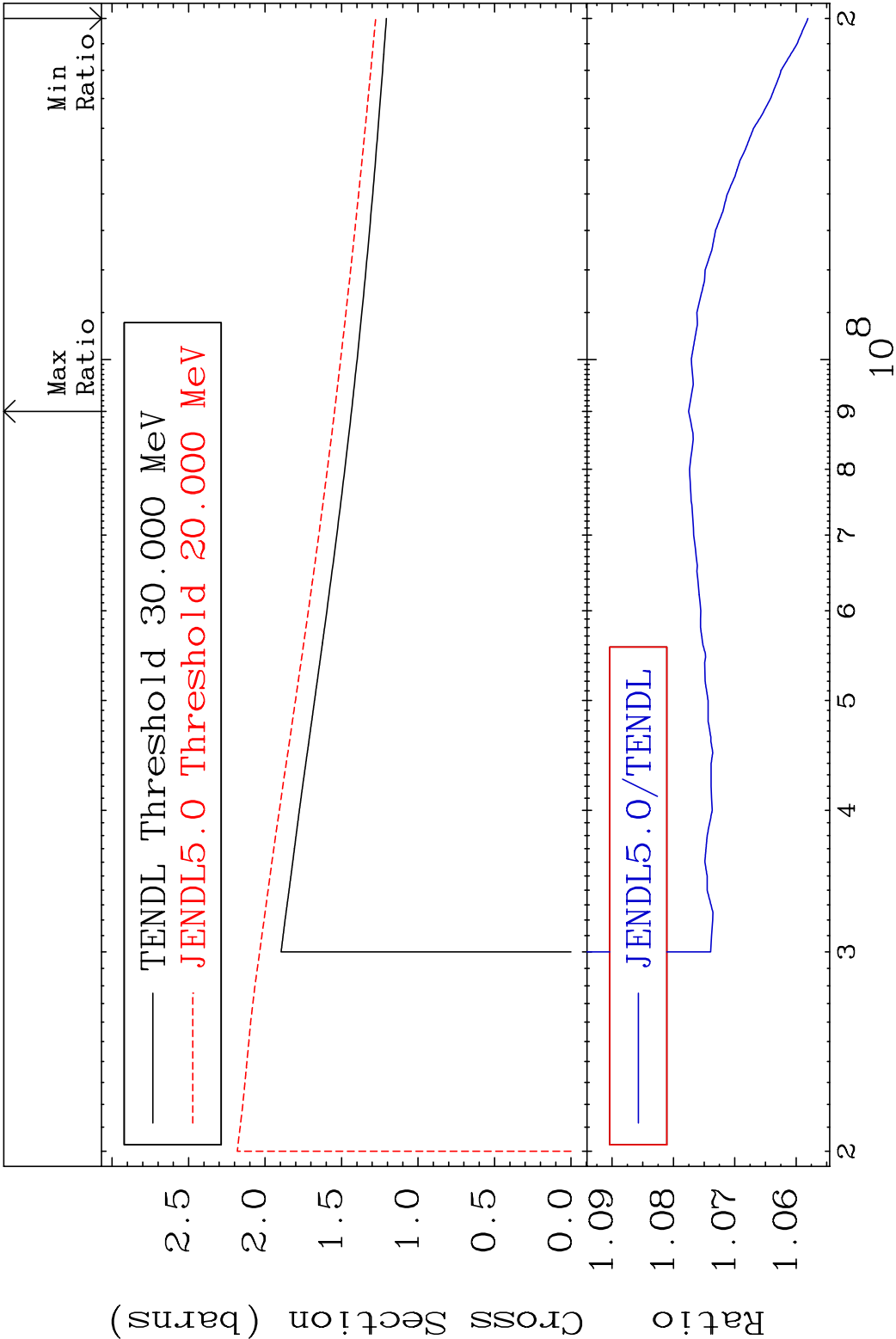
(n, remainder)

56-Ba-132

Cross Section

5.806

To 7.752 %

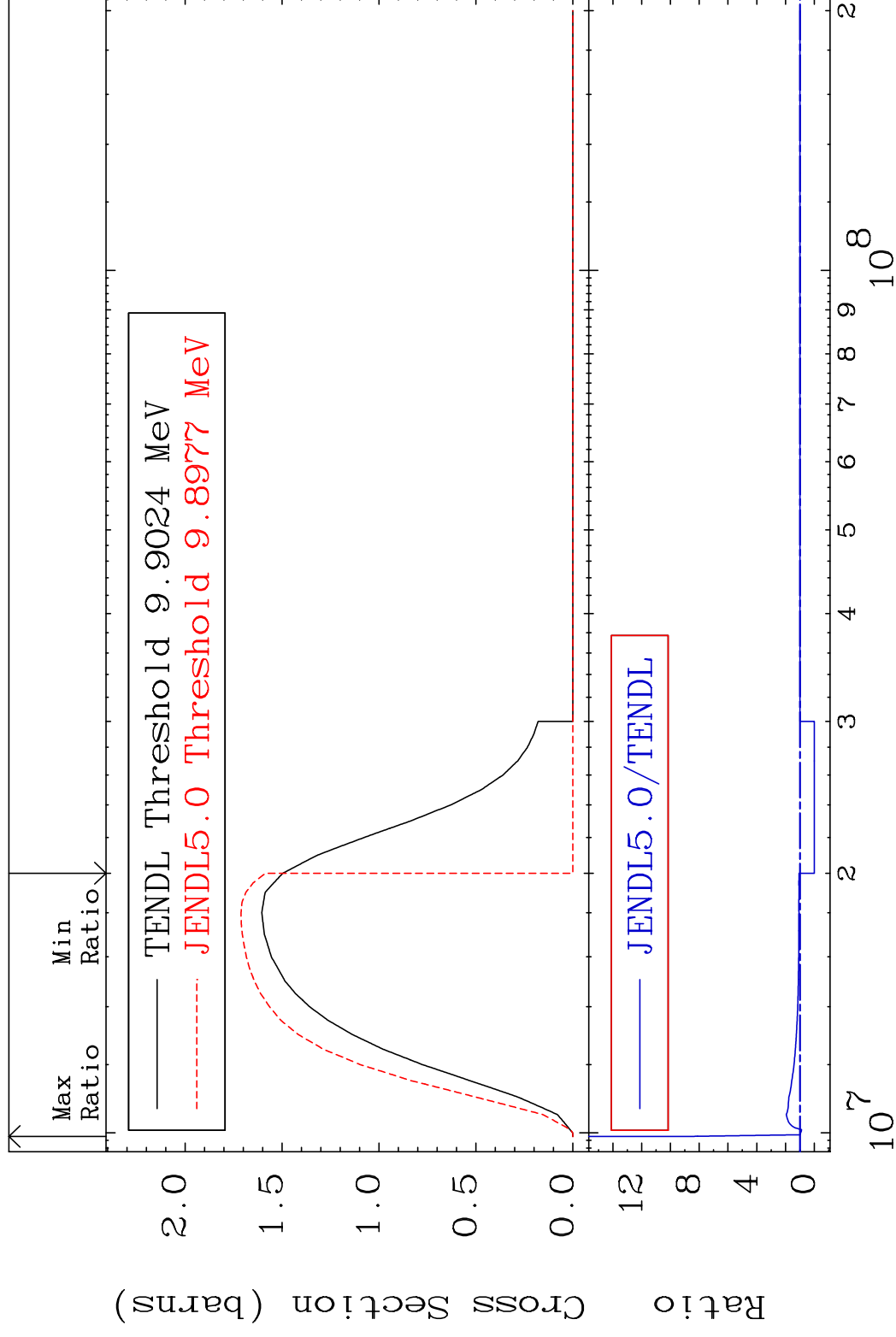


MAT 5631

$$(n, 2n)$$

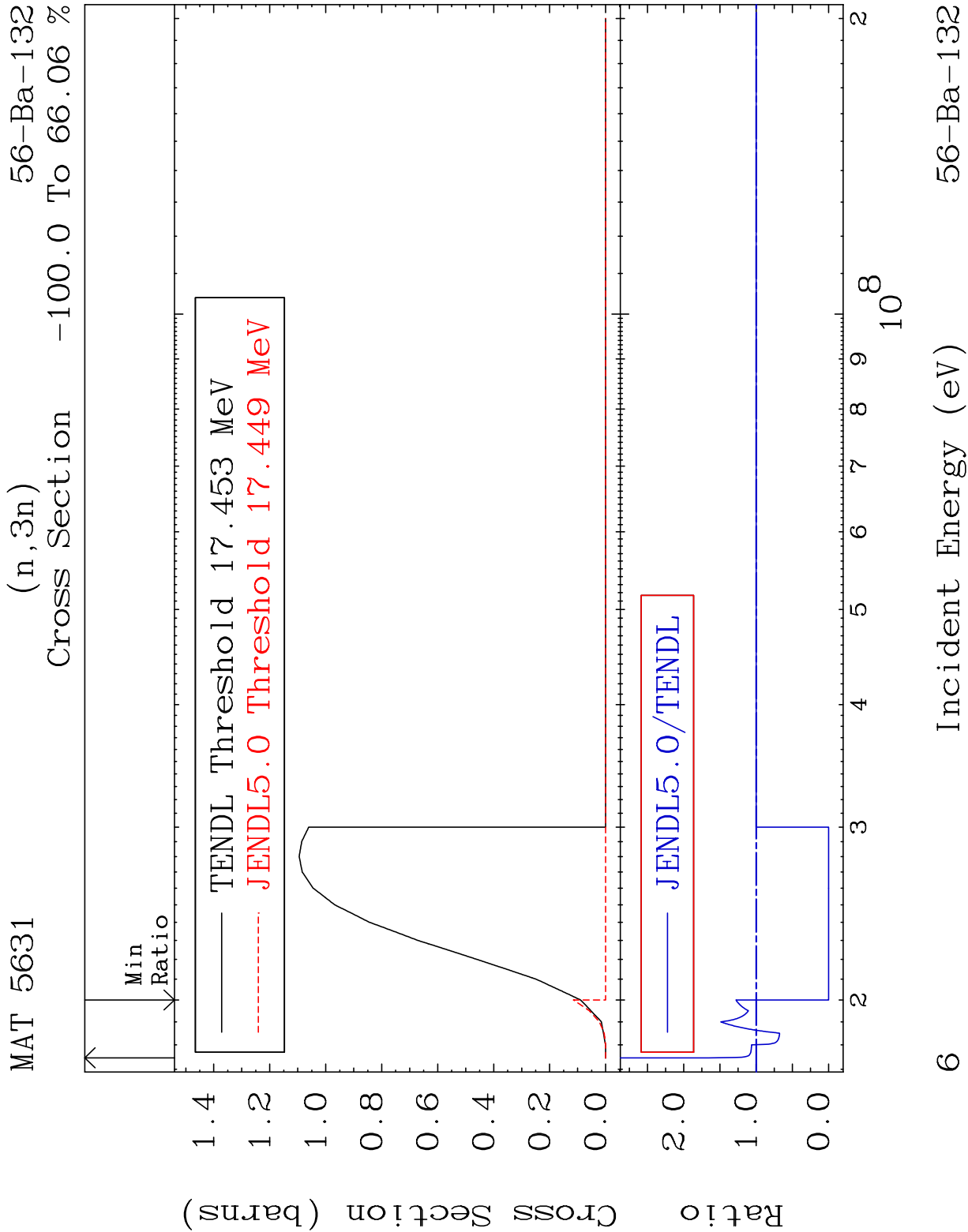
56-Ba-132

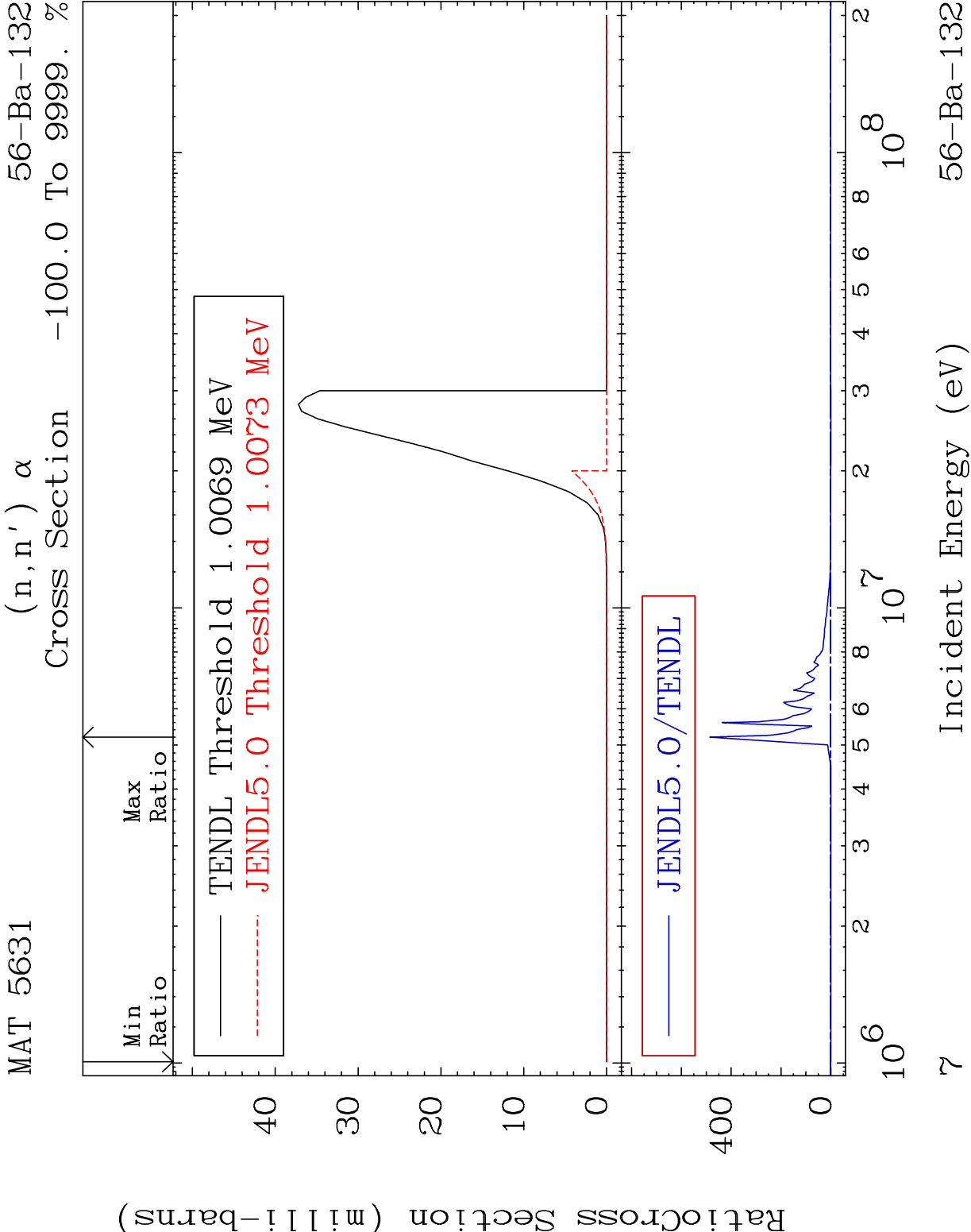
Cross Section -100.0 To 805.4 %

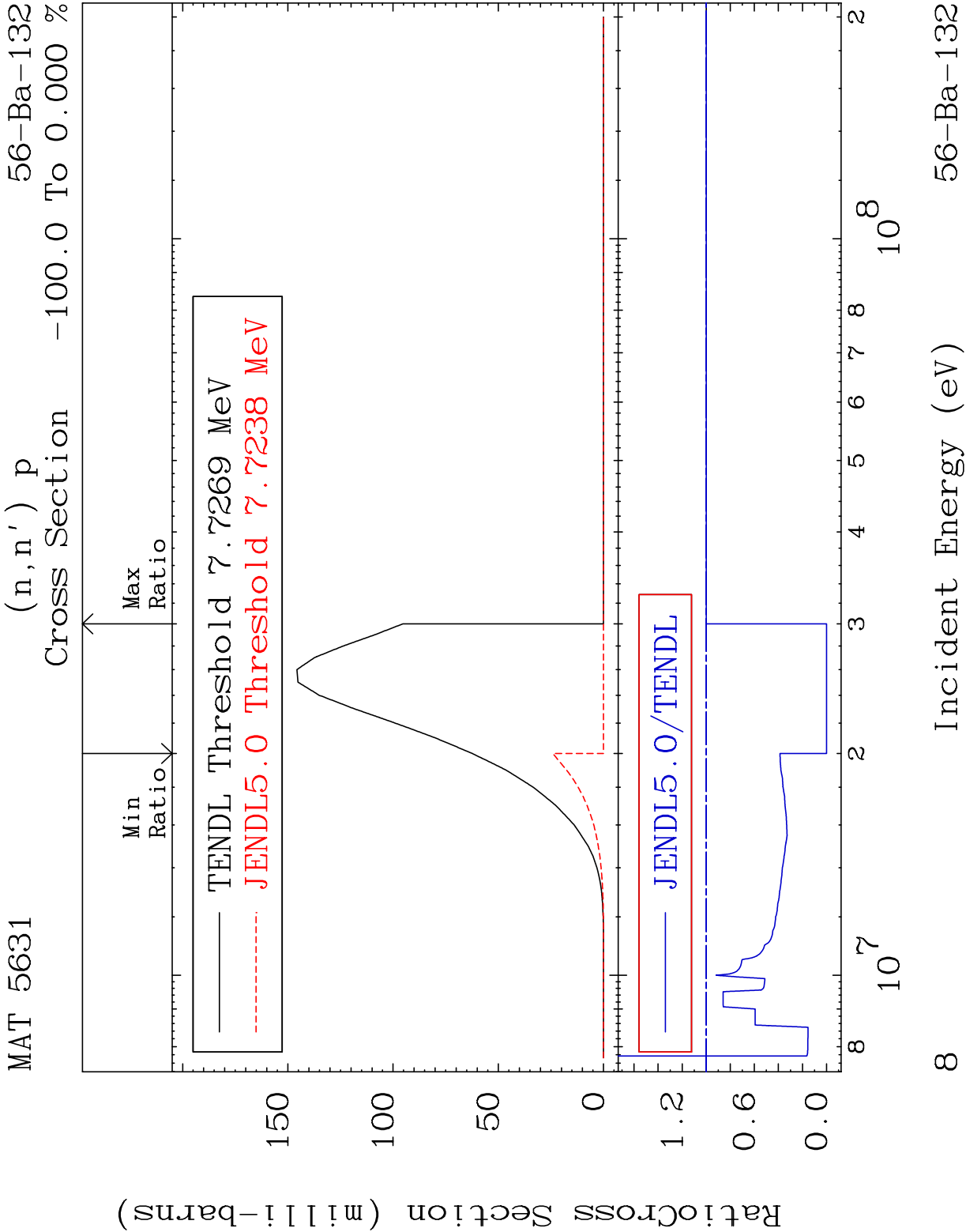


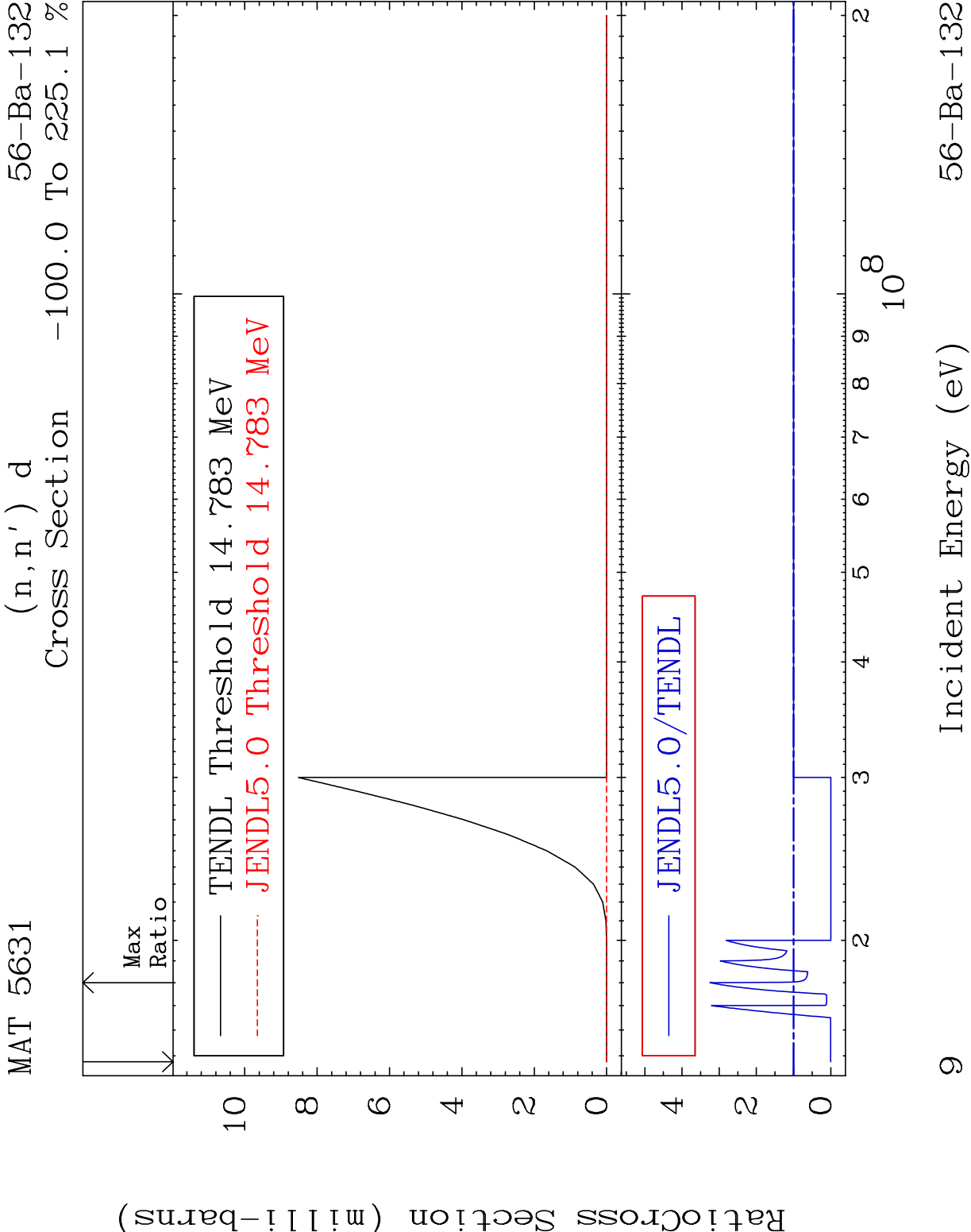
Incident Energy (eV)

56-Ba-132



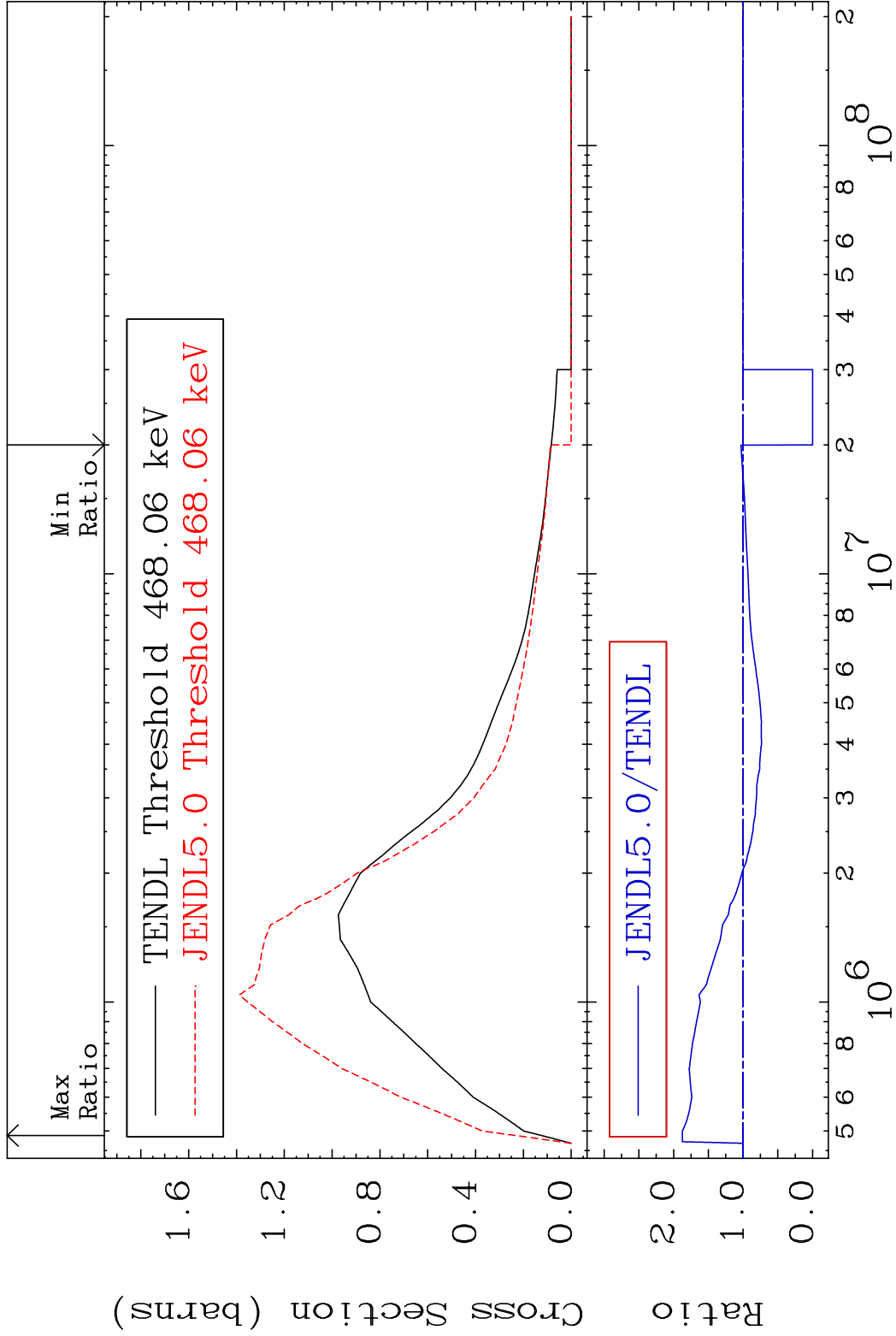






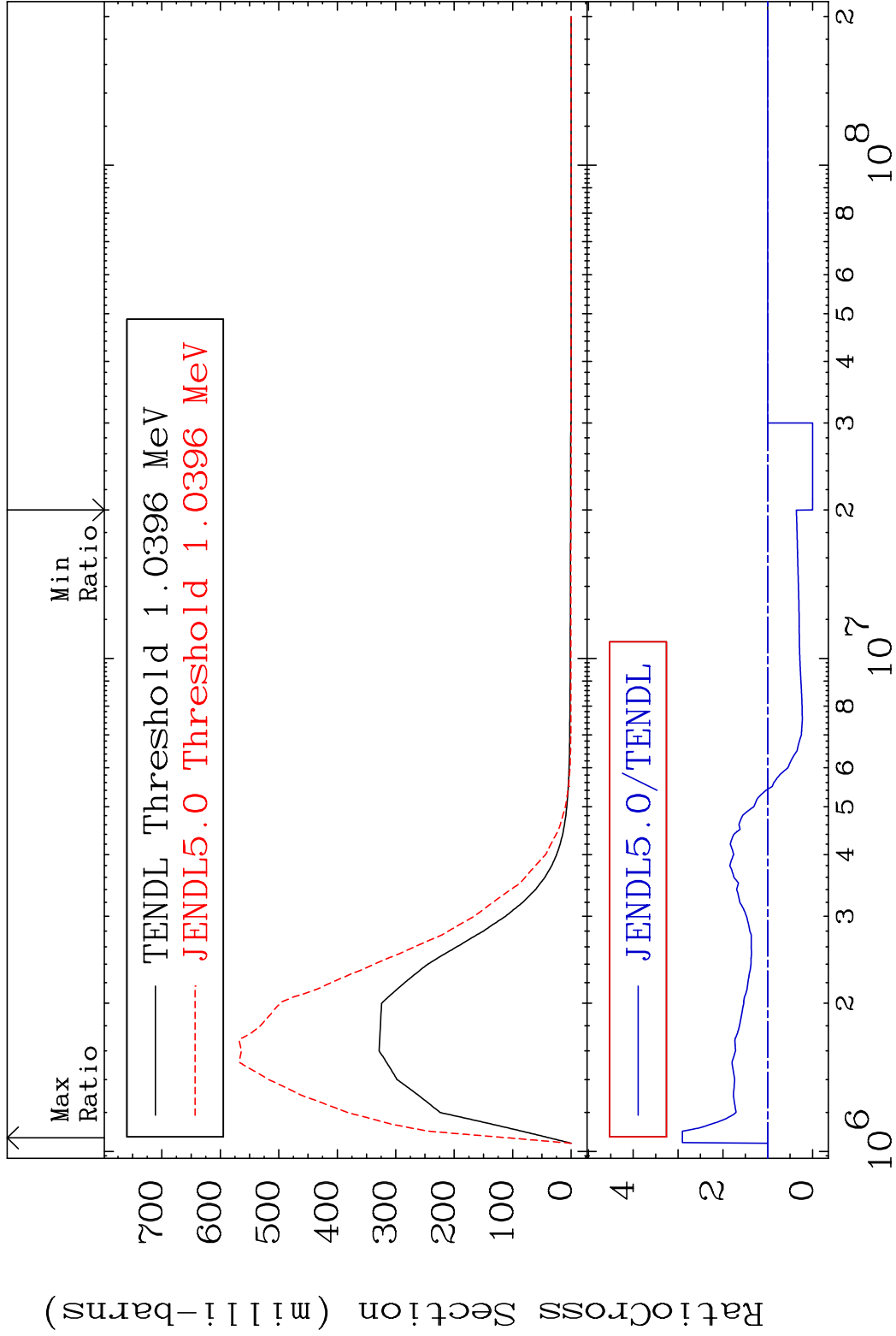
MAT 5631 MT= 51 (n,n') Level 56-Ba-132

Cross Section -100.0 To 87.42 %



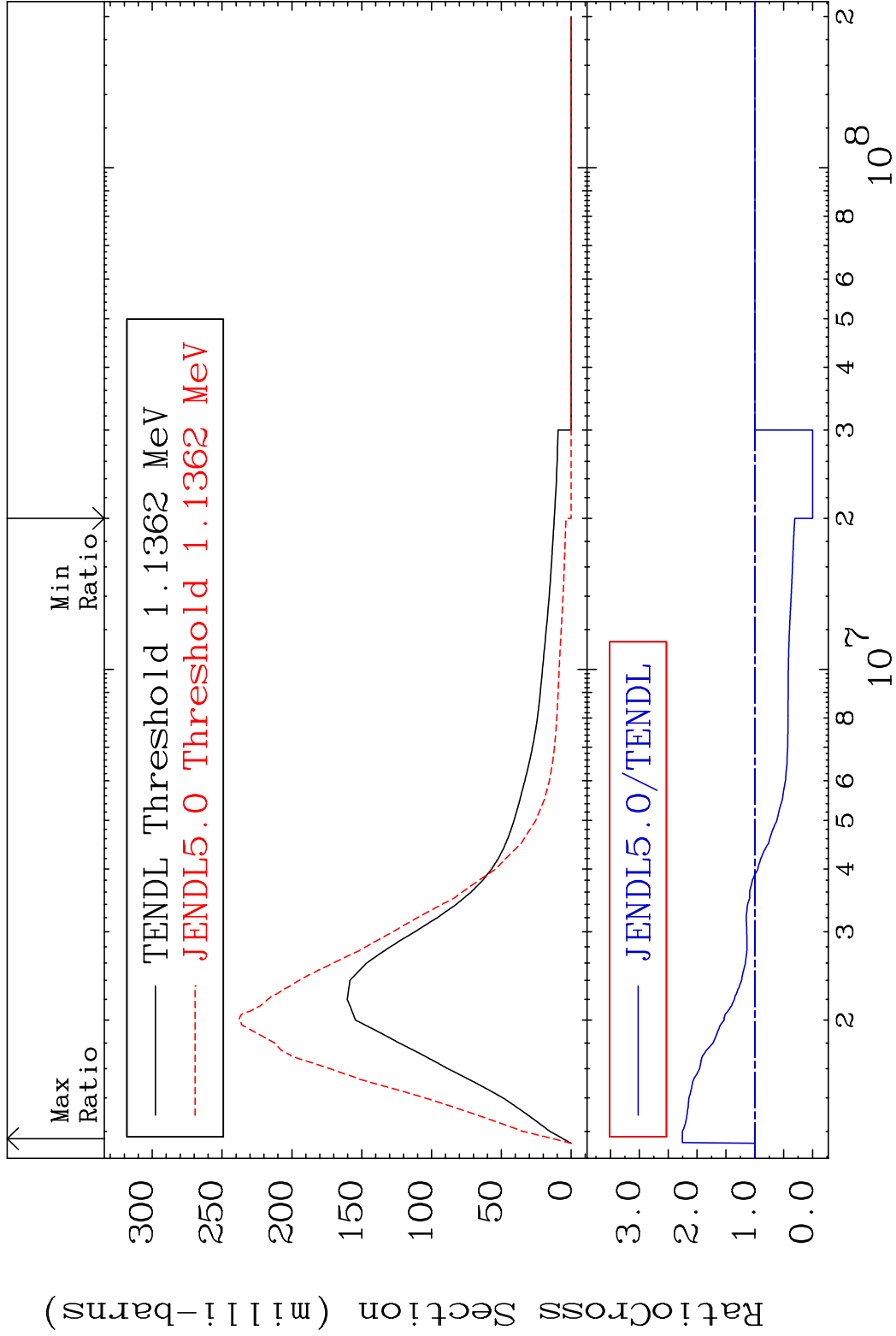
10 Incident Energy (eV) 56-Ba-132

MAT 5631 MT= 52 (n,n') Level 56-Ba-132
Cross Section -100.0 To 190.4 %

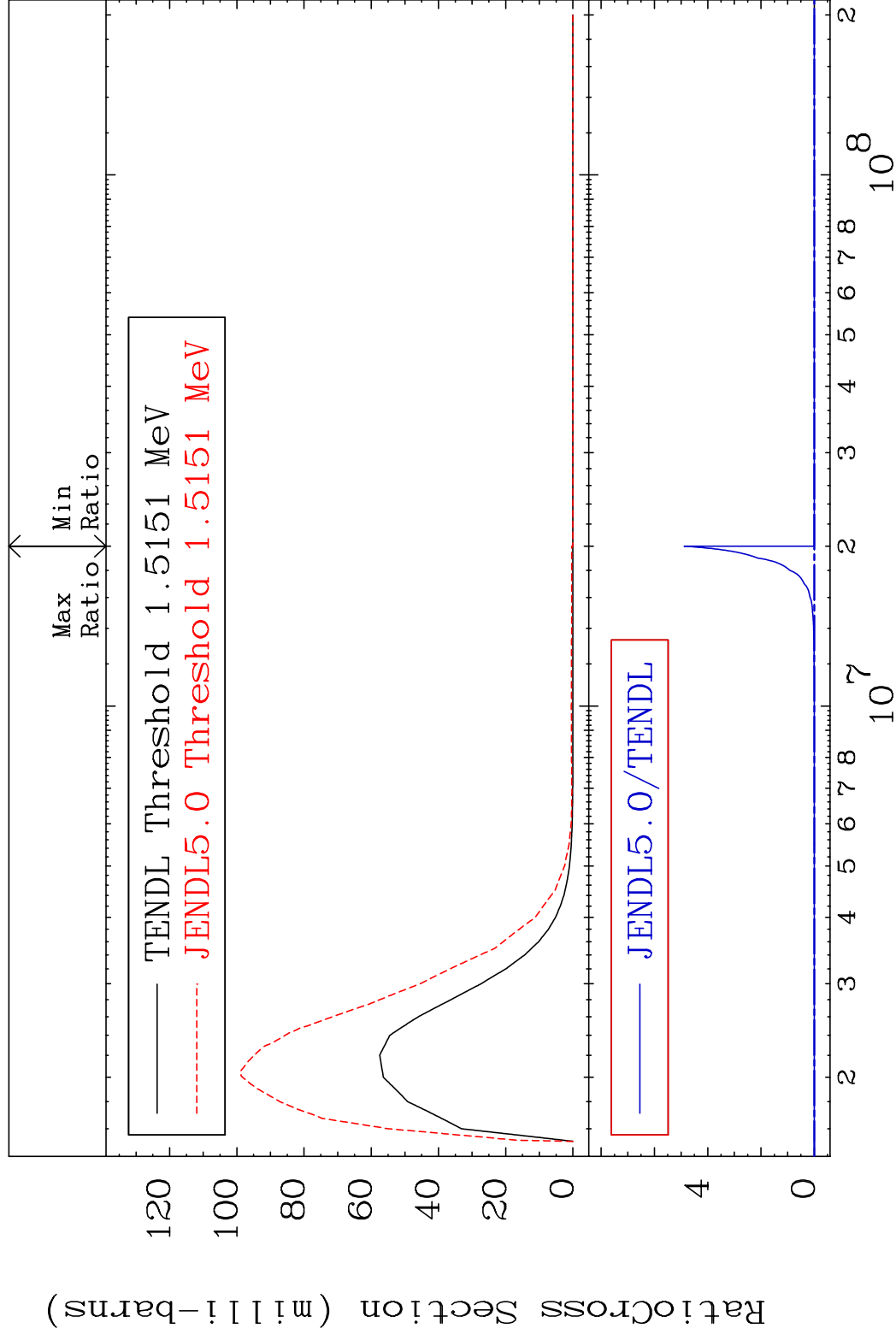


11 Incident Energy (eV) 56-Ba-132

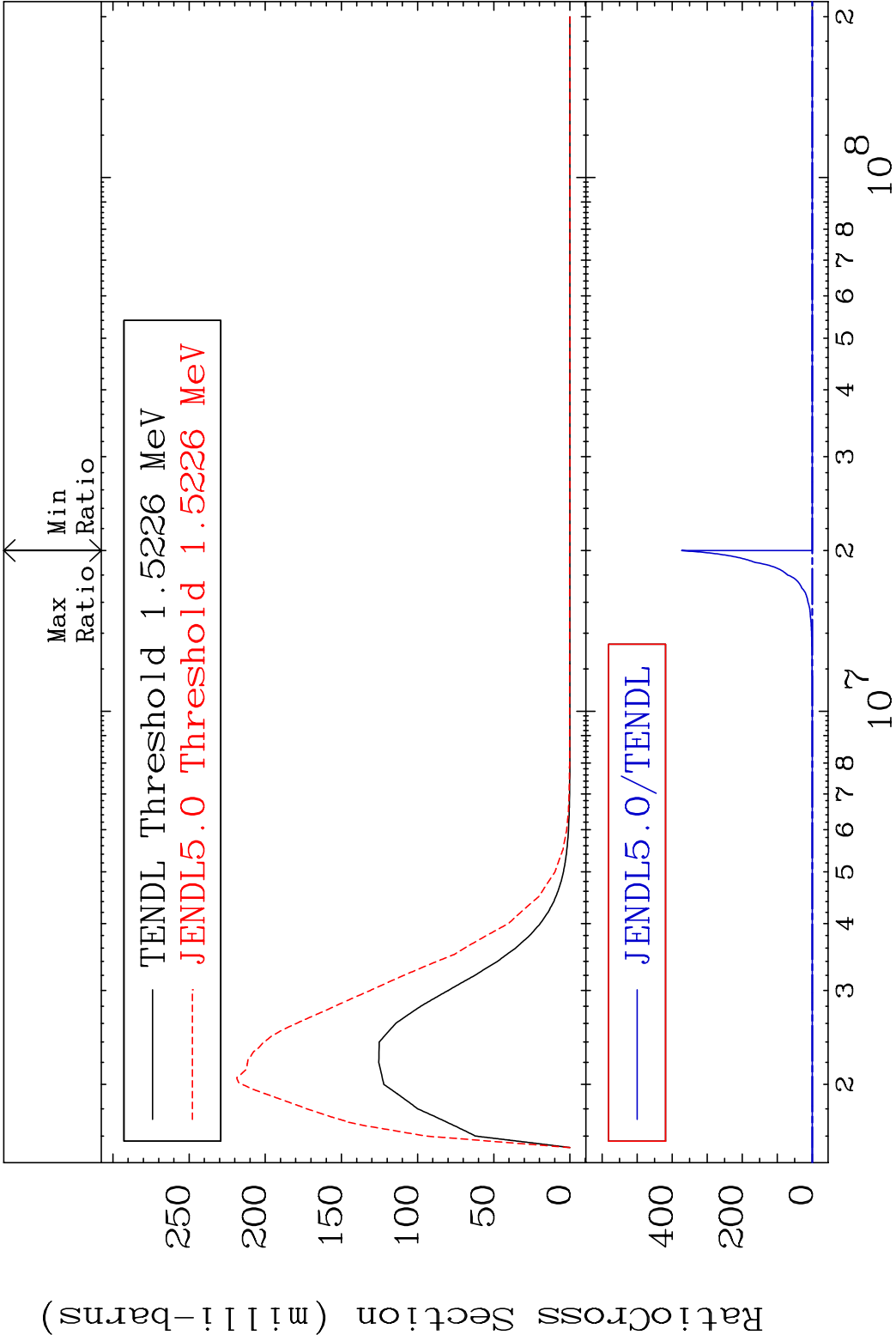
MAT 5631 MT= 53 (n,n') Level 56-Ba-132
Cross Section -100.0 To 125.5 %

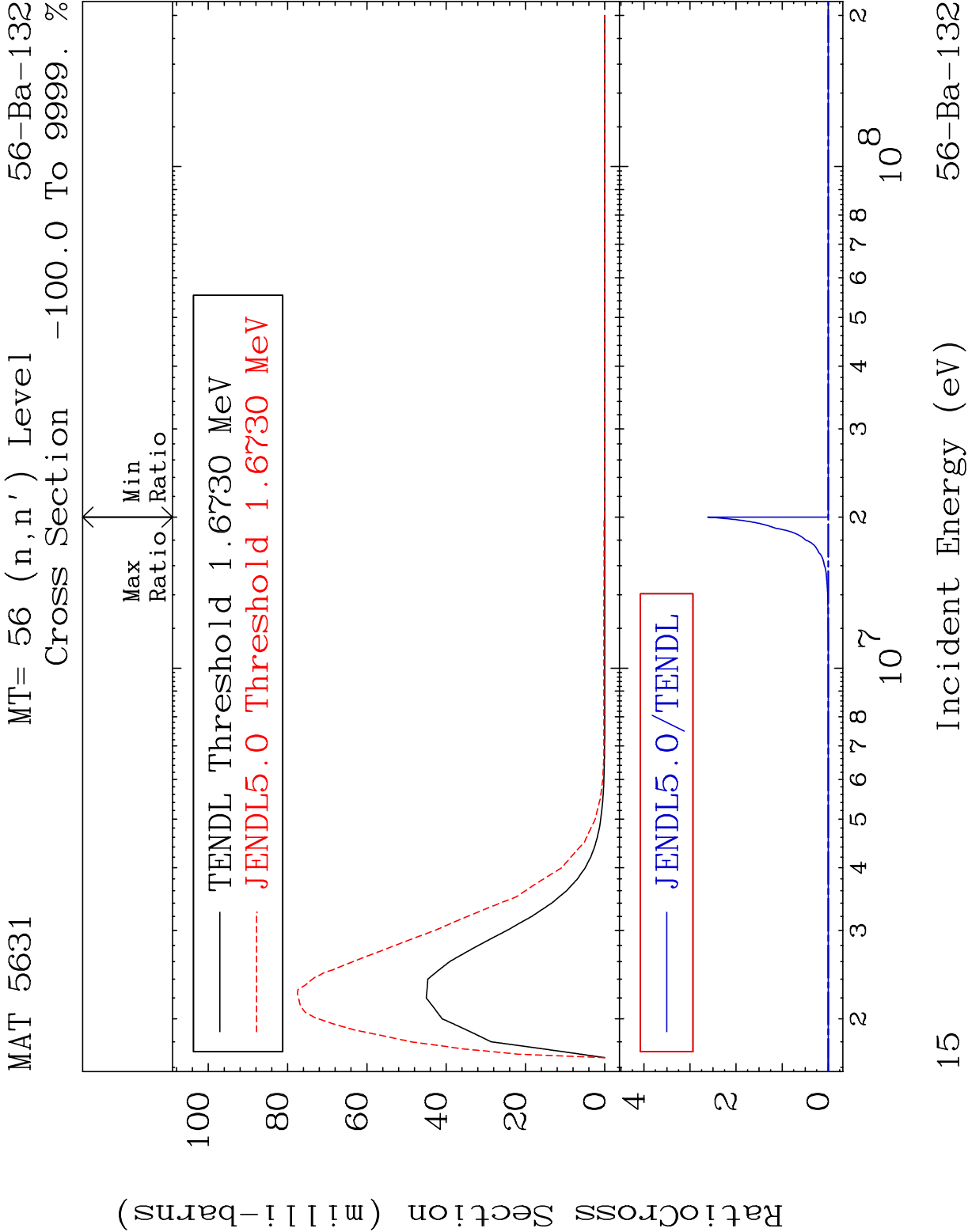


MAT 5631	MT= 54 (n, n') Level	56-Ba-132
	Cross Section	-100.0 To 9999. %

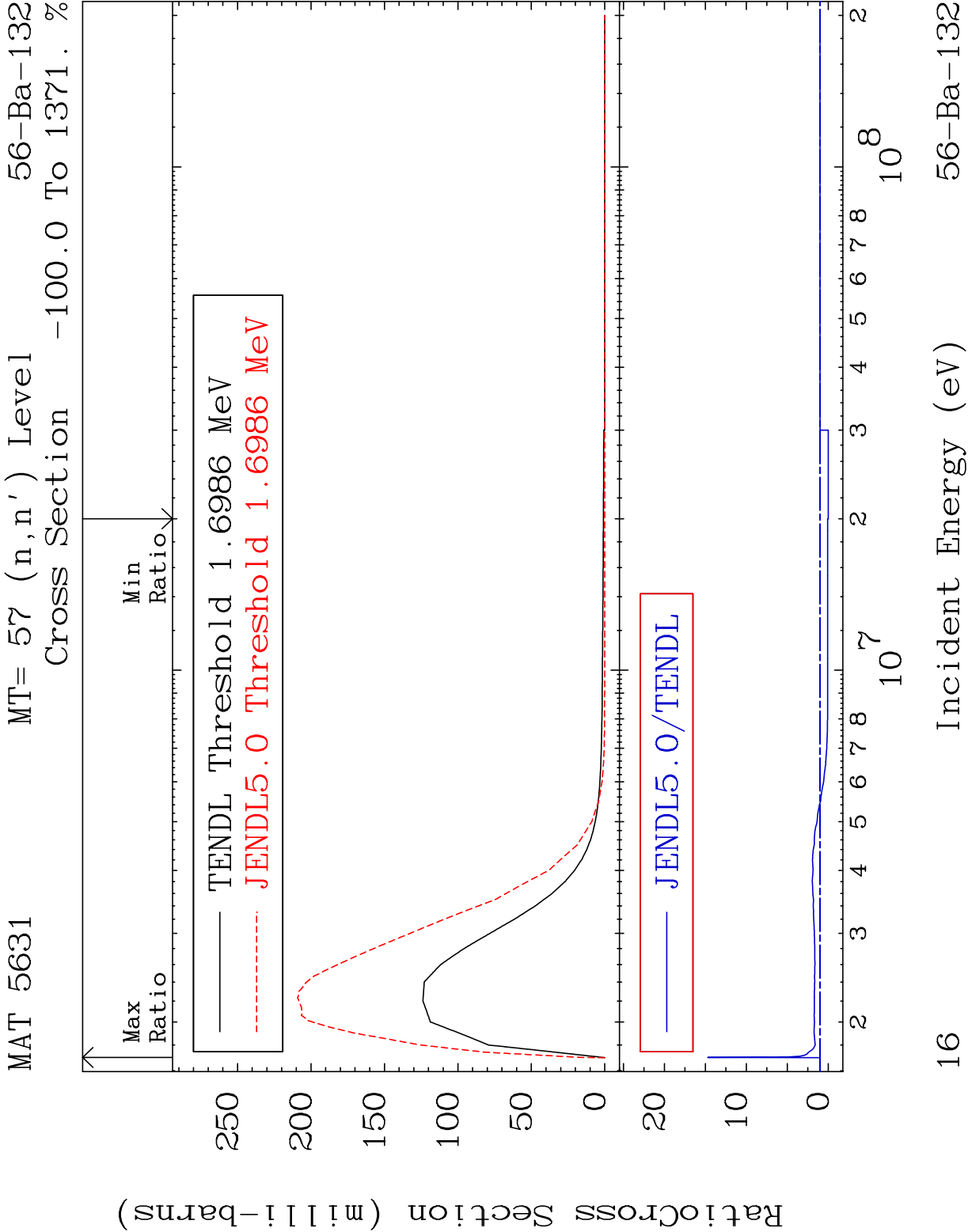


MAT 5631 MT= 55 (n,n') Level 56-Ba-132
Cross Section -100.0 To 9999. %

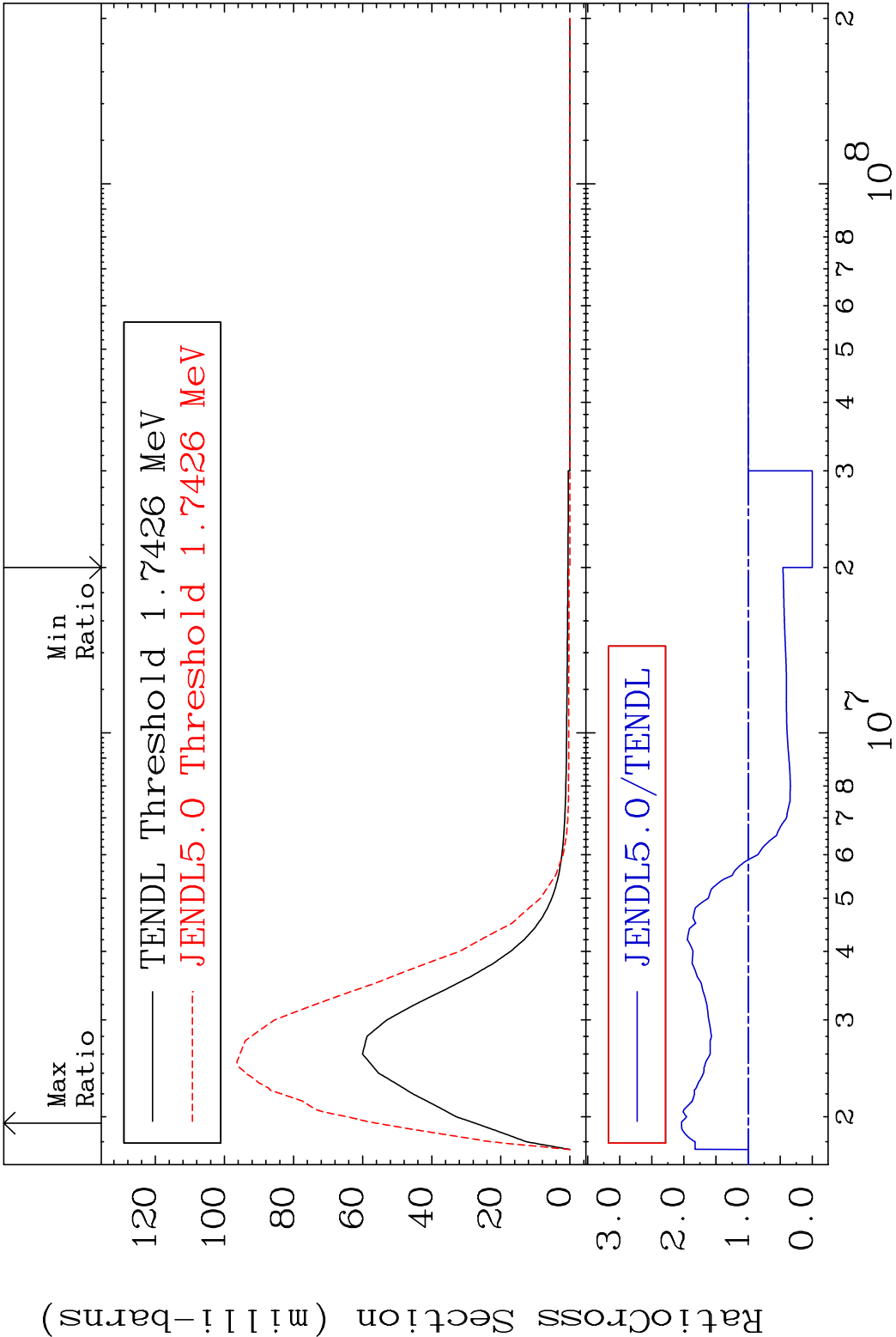




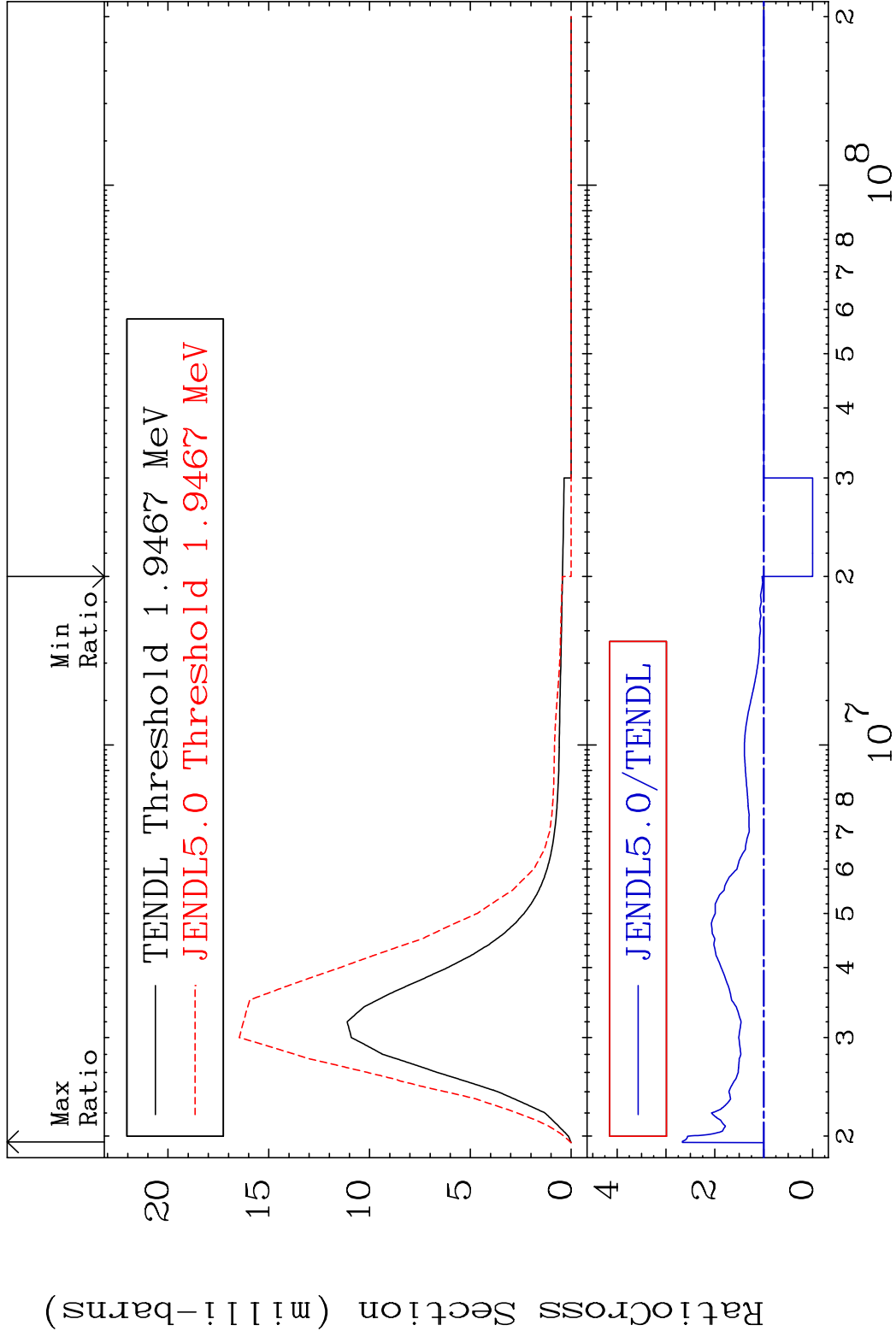
15



MAT 5631 MT= 58 (n,n') Level 56-Ba-132
 Cross Section -100.0 To 103.8 %

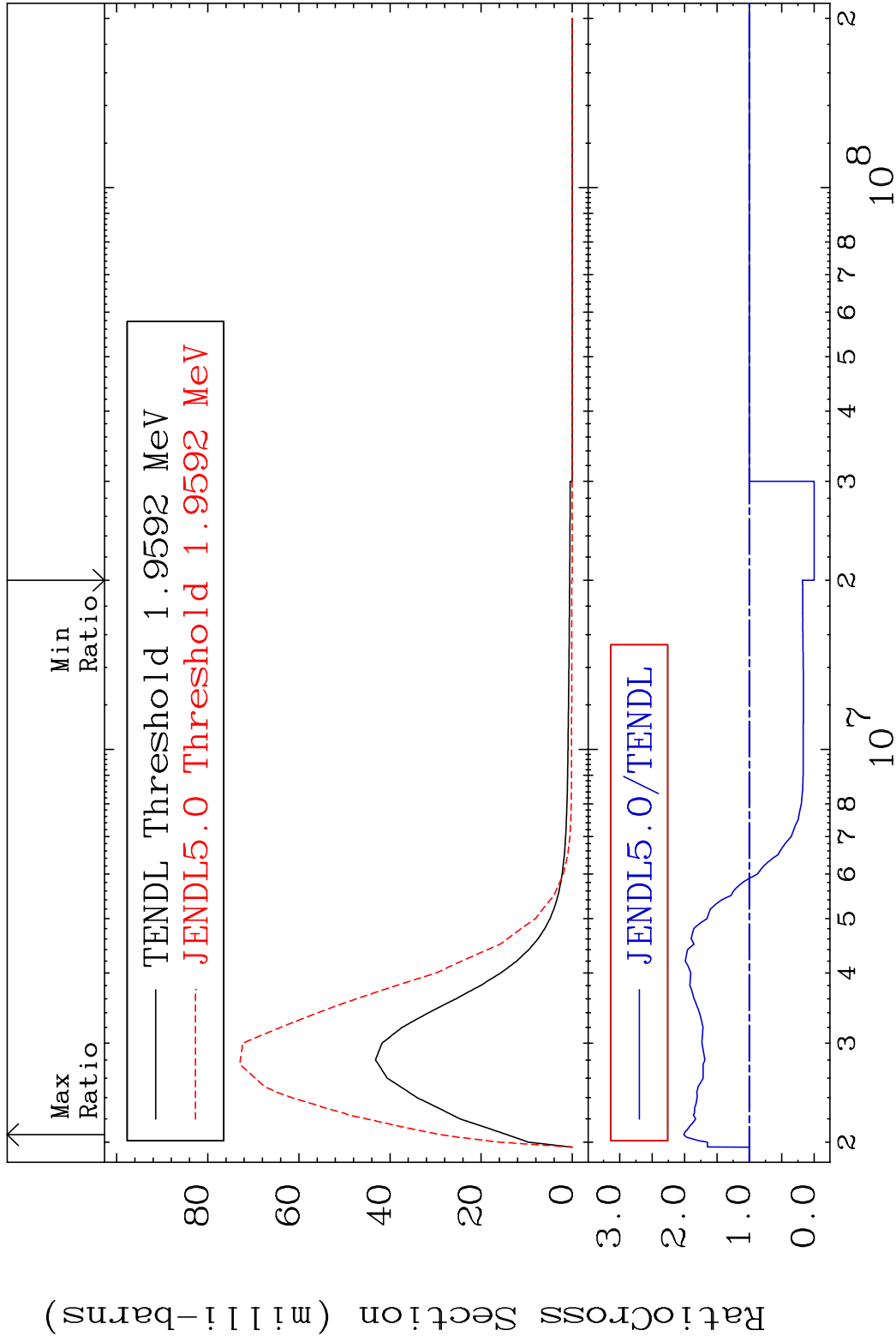


MAT 5631 MT= 59 (n,n') Level 56-Ba-132
Cross Section -100.0 To 166.5 %

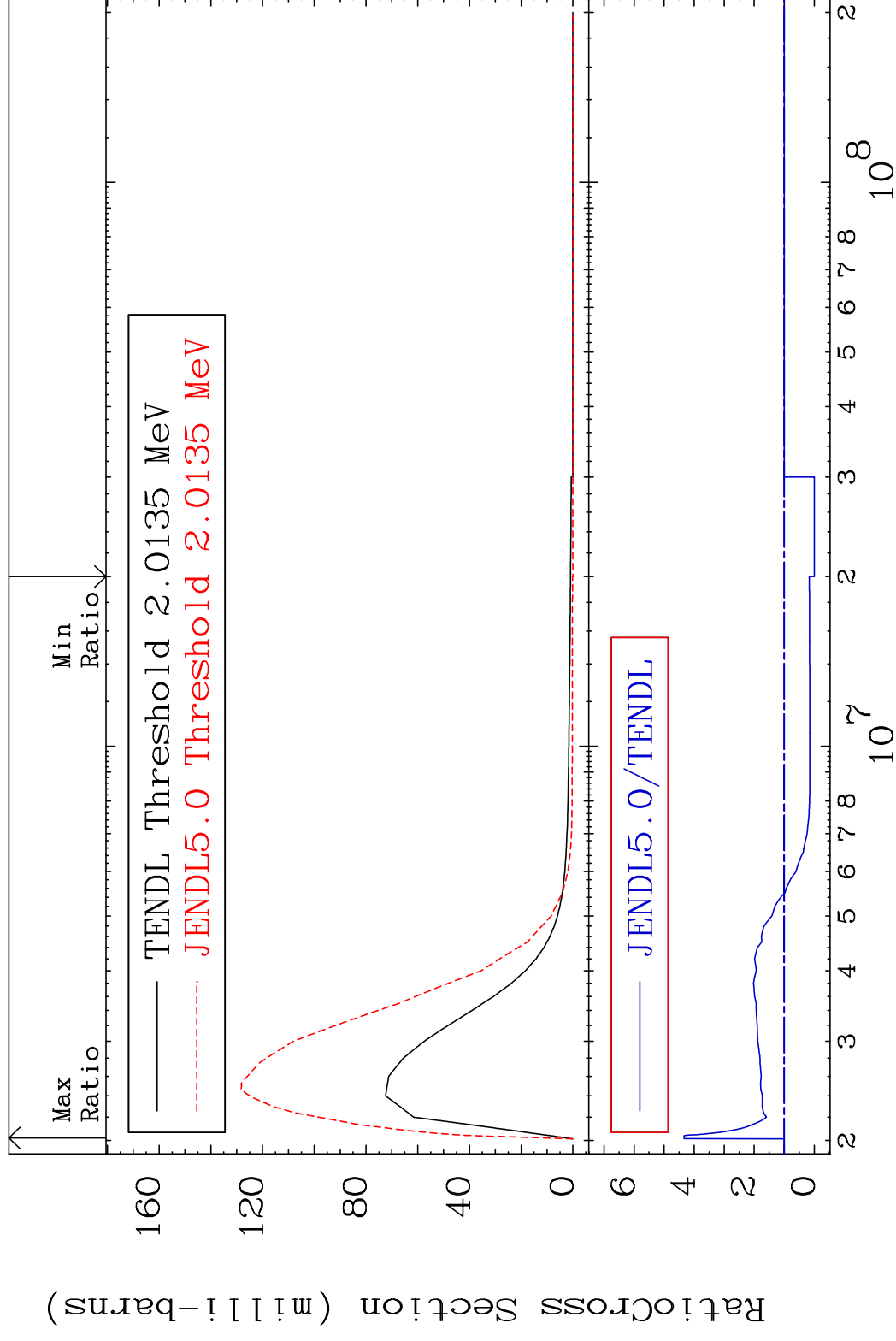


18 Incident Energy (eV) 56-Ba-132

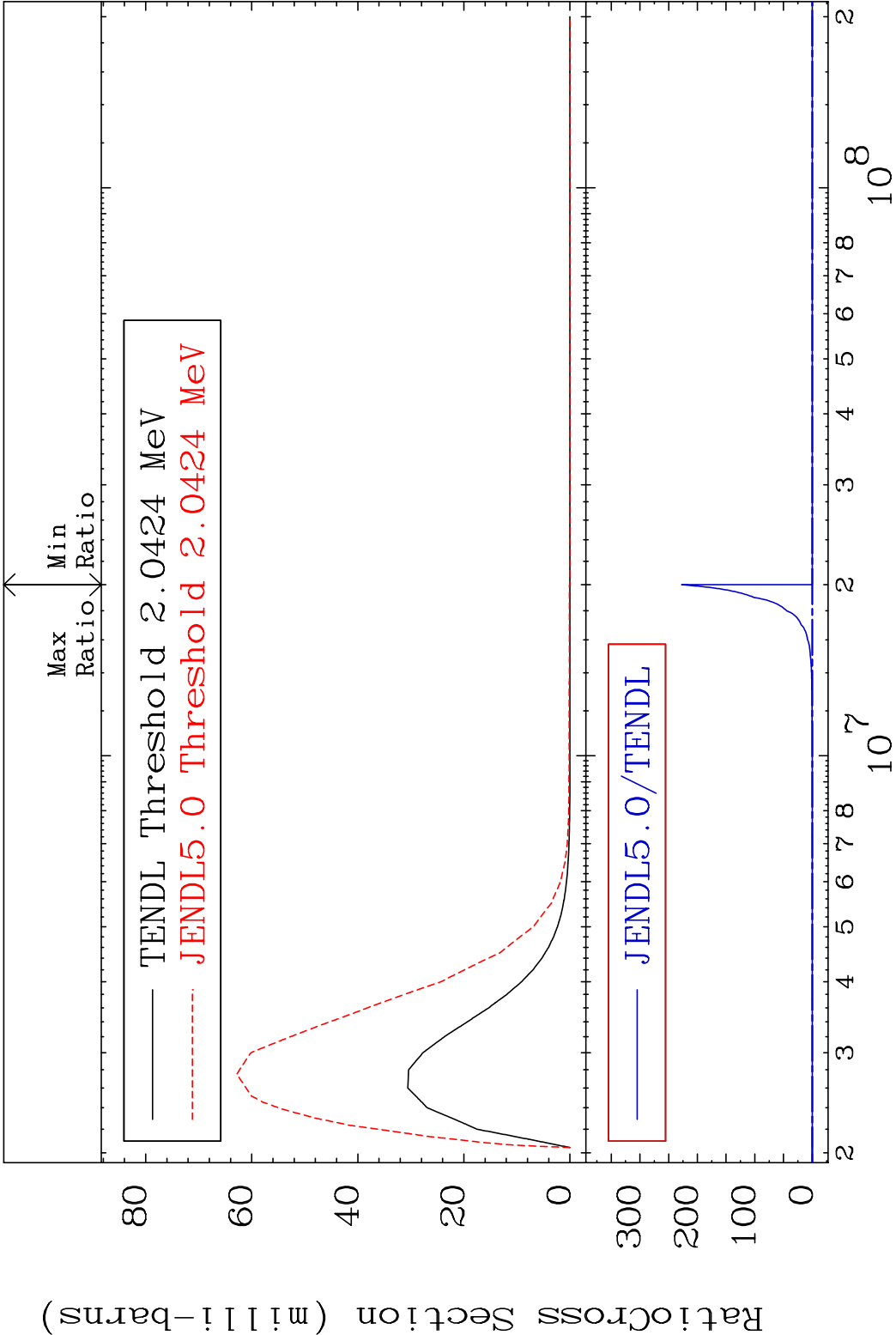
MAT 5631 MT= 60 (n,n') Level 56-Ba-132
Cross Section -100.0 To 101.4 %



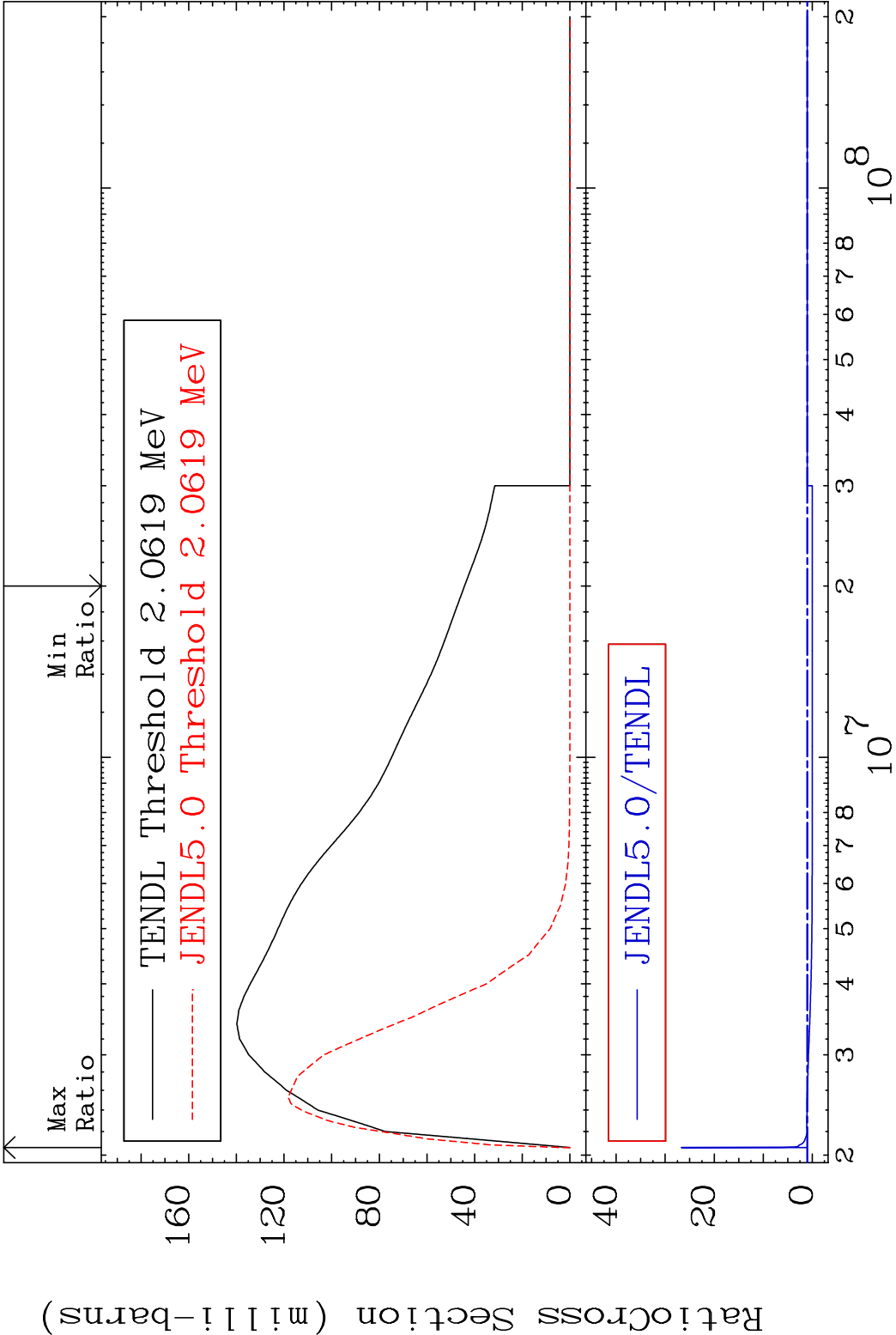
MAT 5631	MT= 61 (n, n') Level	56-Ba-132
	Cross Section	-100.0 To 333.5 %

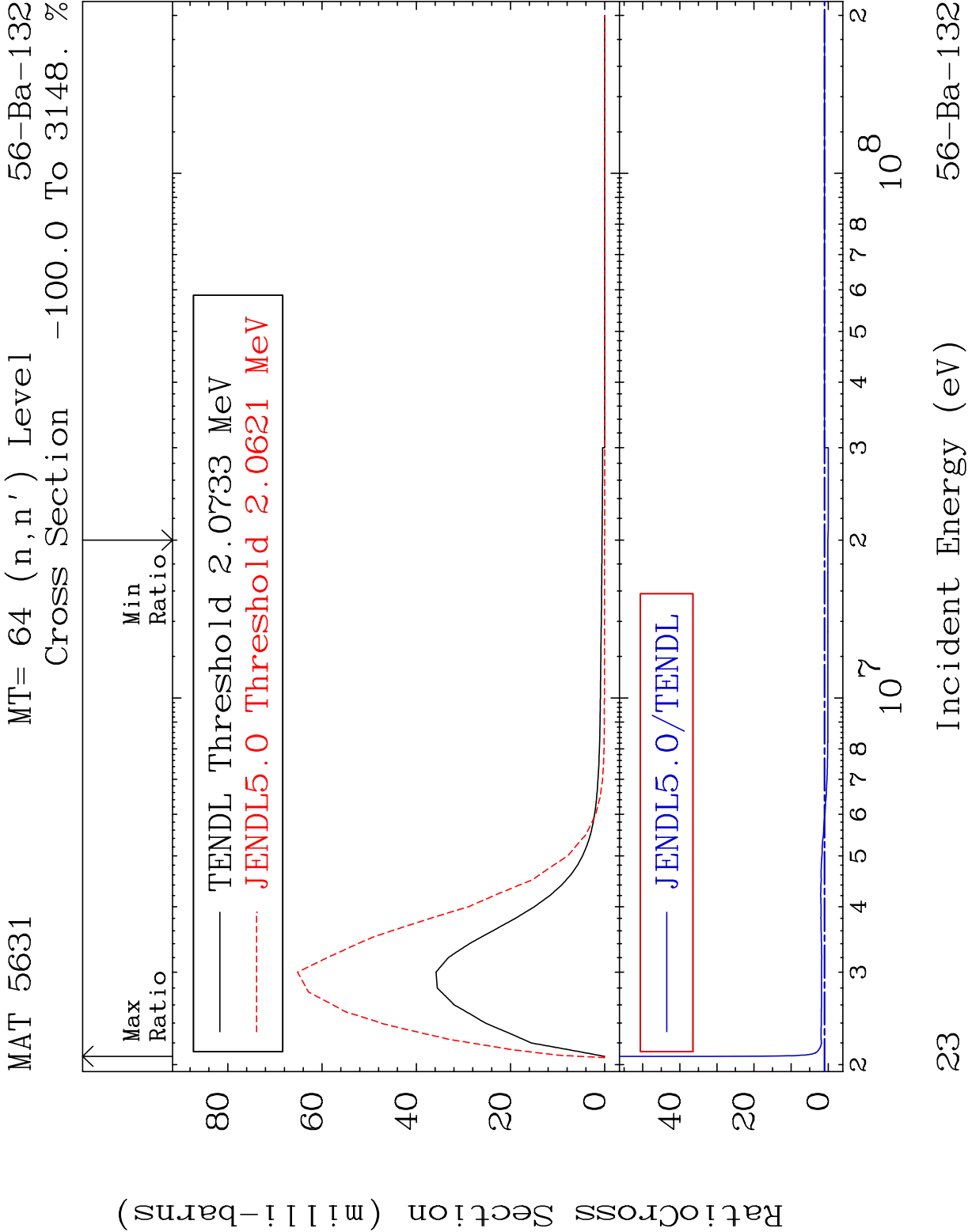


MAT 5631 MT= 62 (n,n') Level 56-Ba-132
Cross Section -100.0 To 9999. %



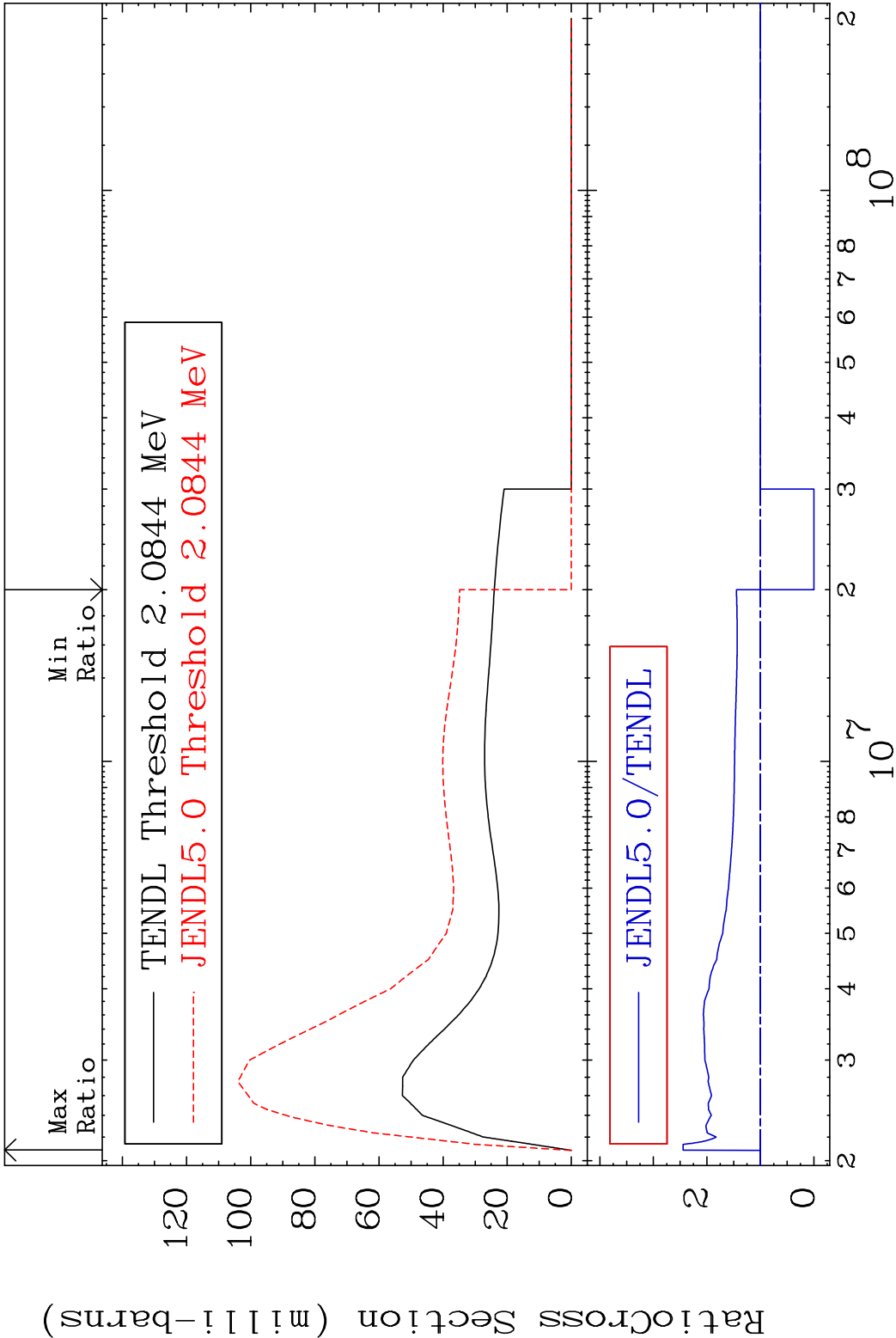
MAT 5631 MT= 63 (n,n') Level 56-Ba-132
Cross Section -100.0 To 2566. %

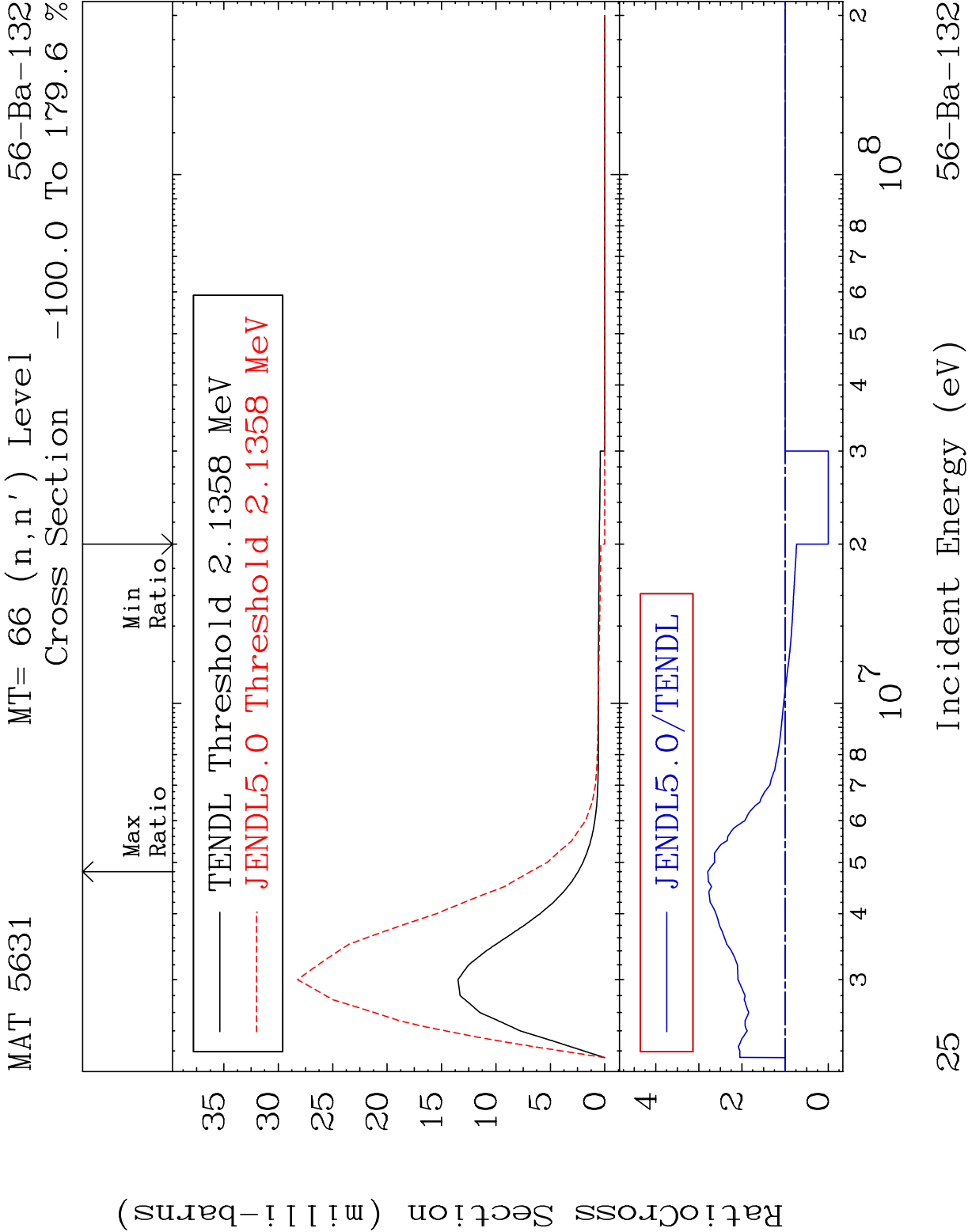


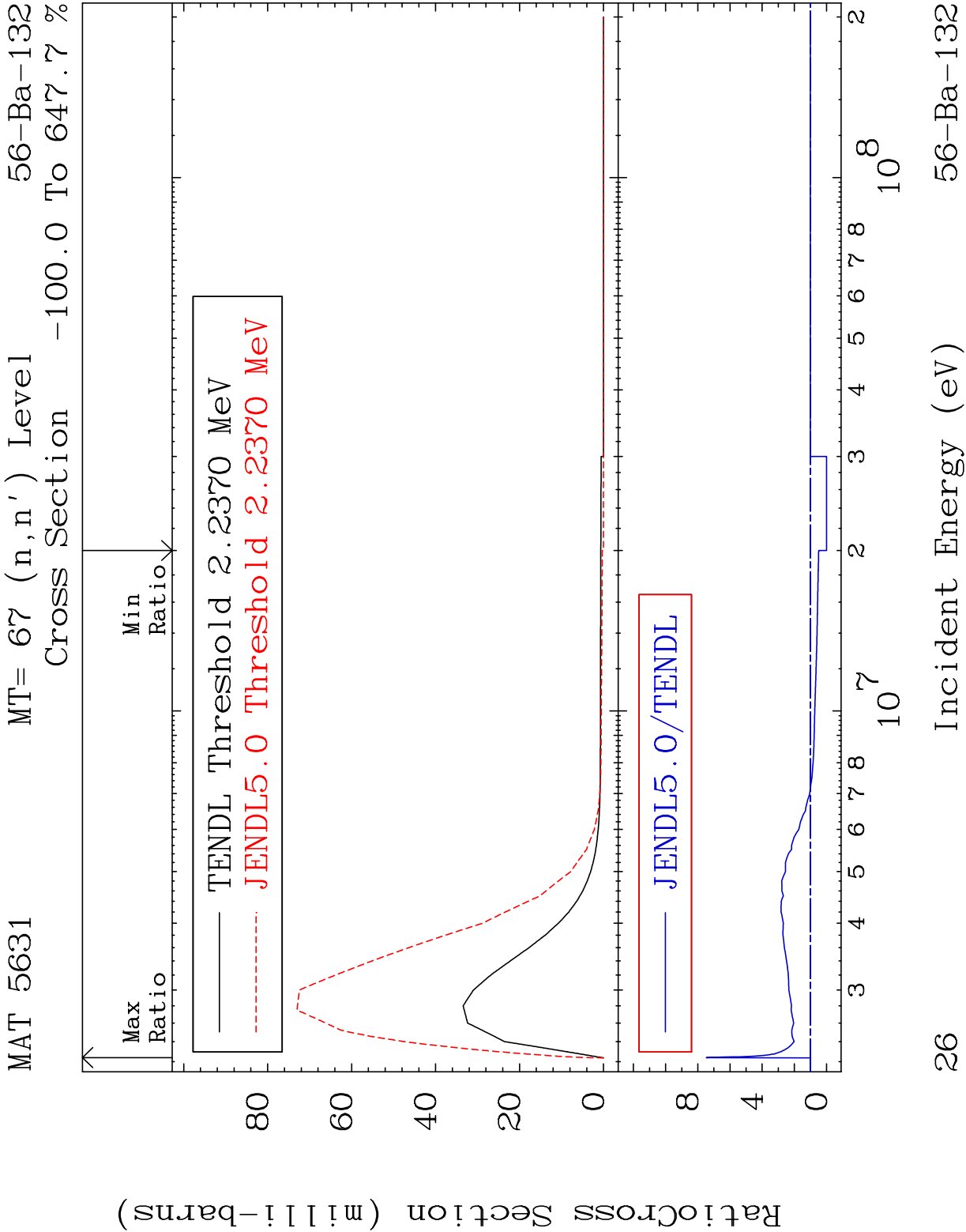


MAT 5631 MT= 65 (n,n') Level 56-Ba-132

Cross Section -100.0 To 144.5 %

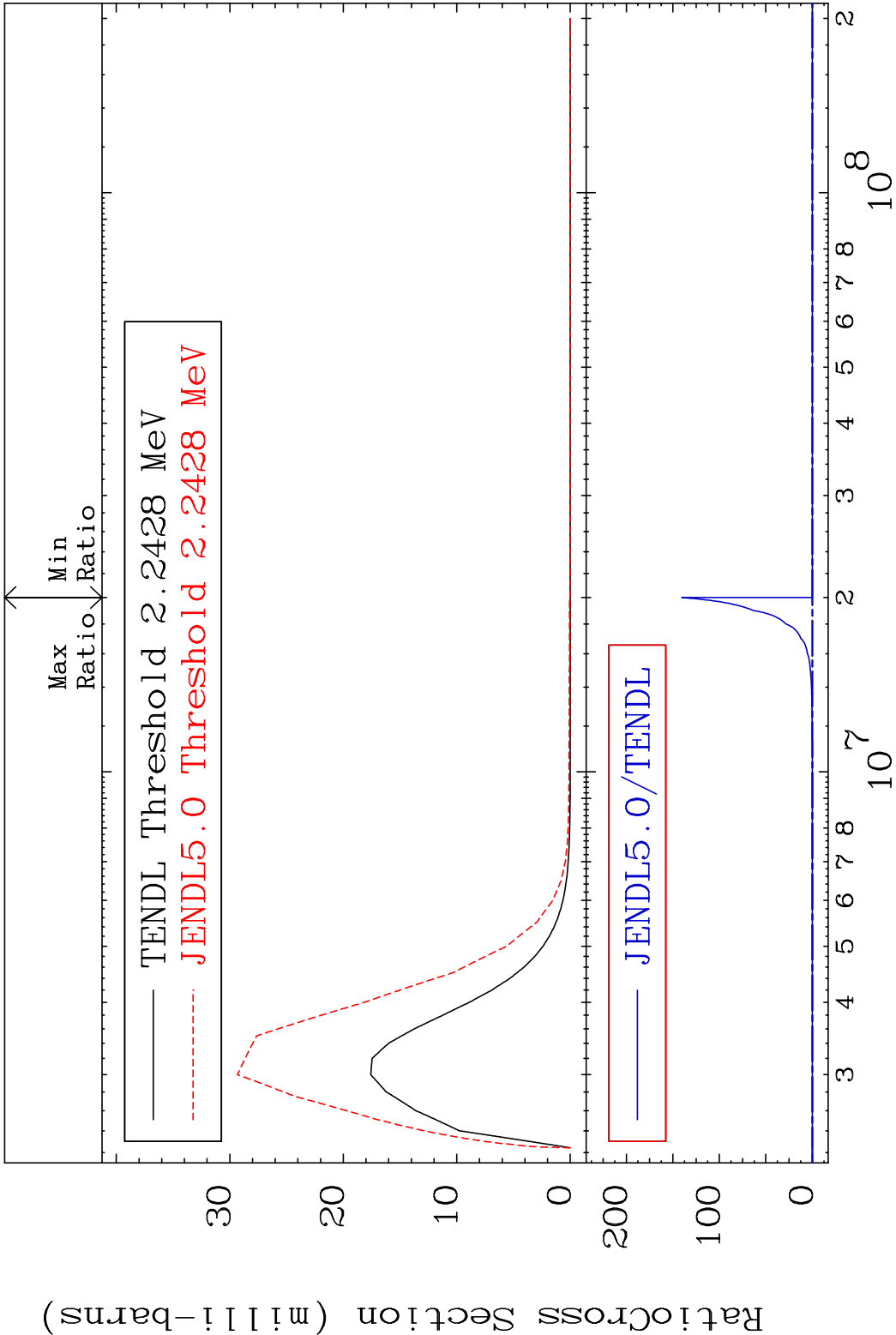


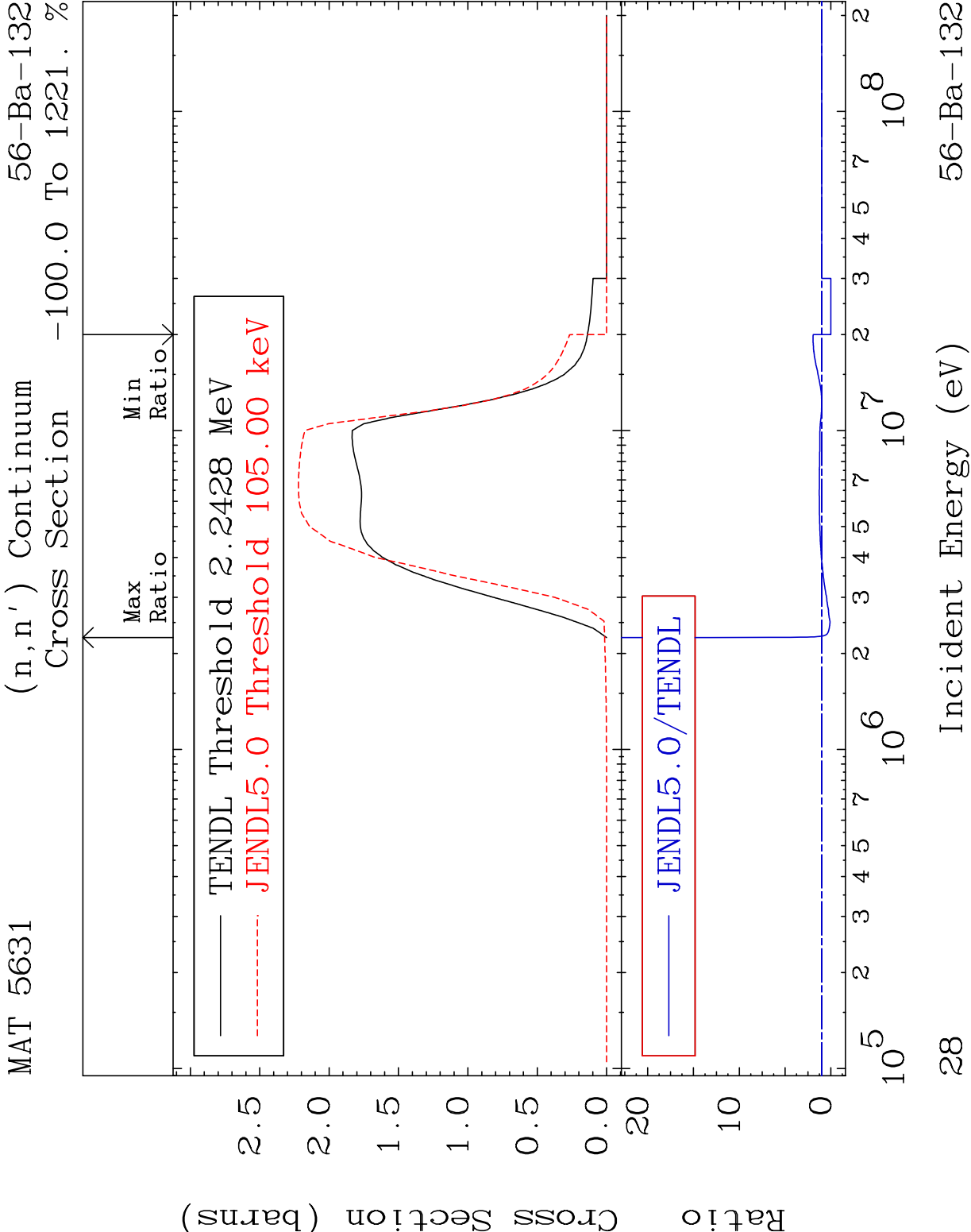


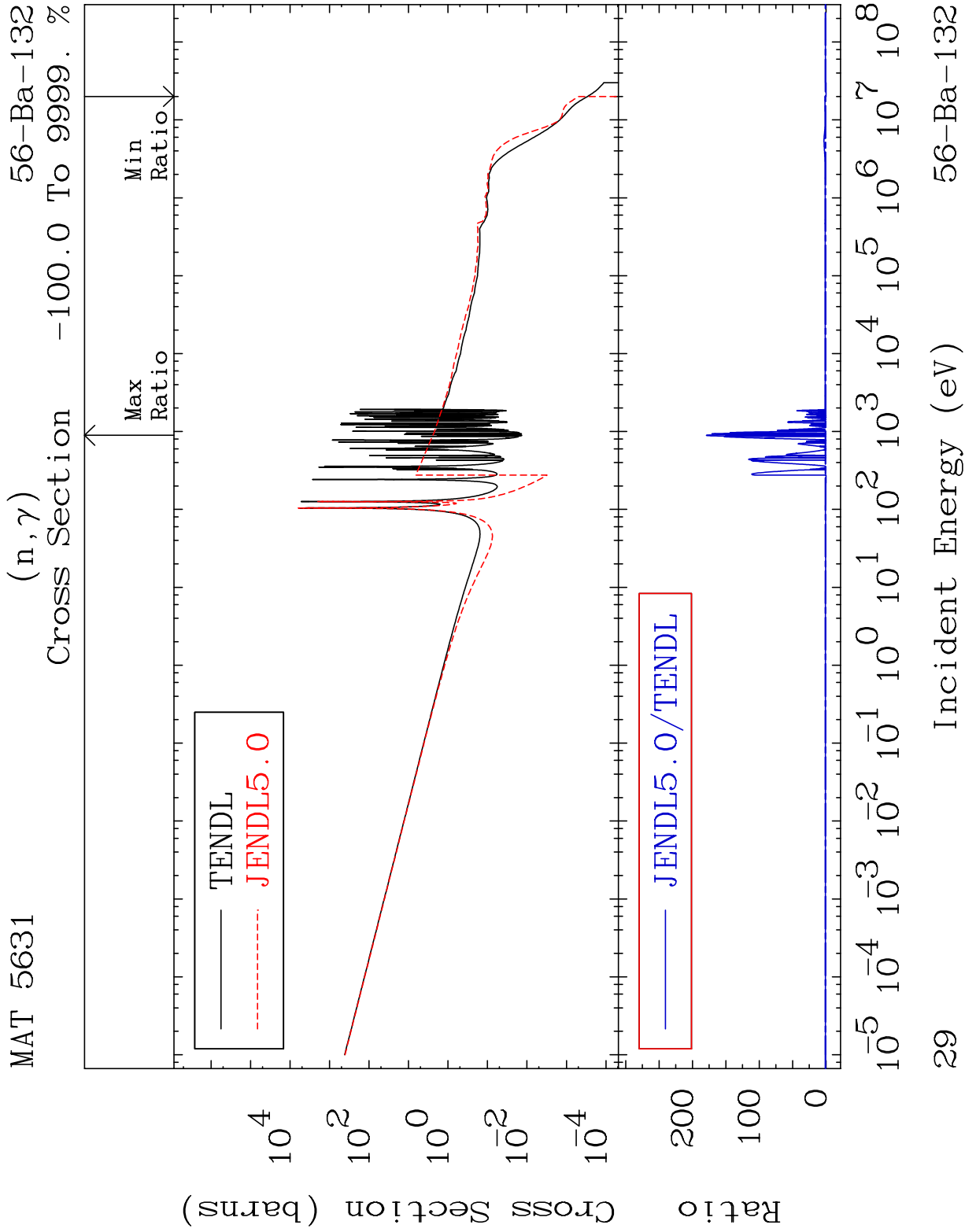


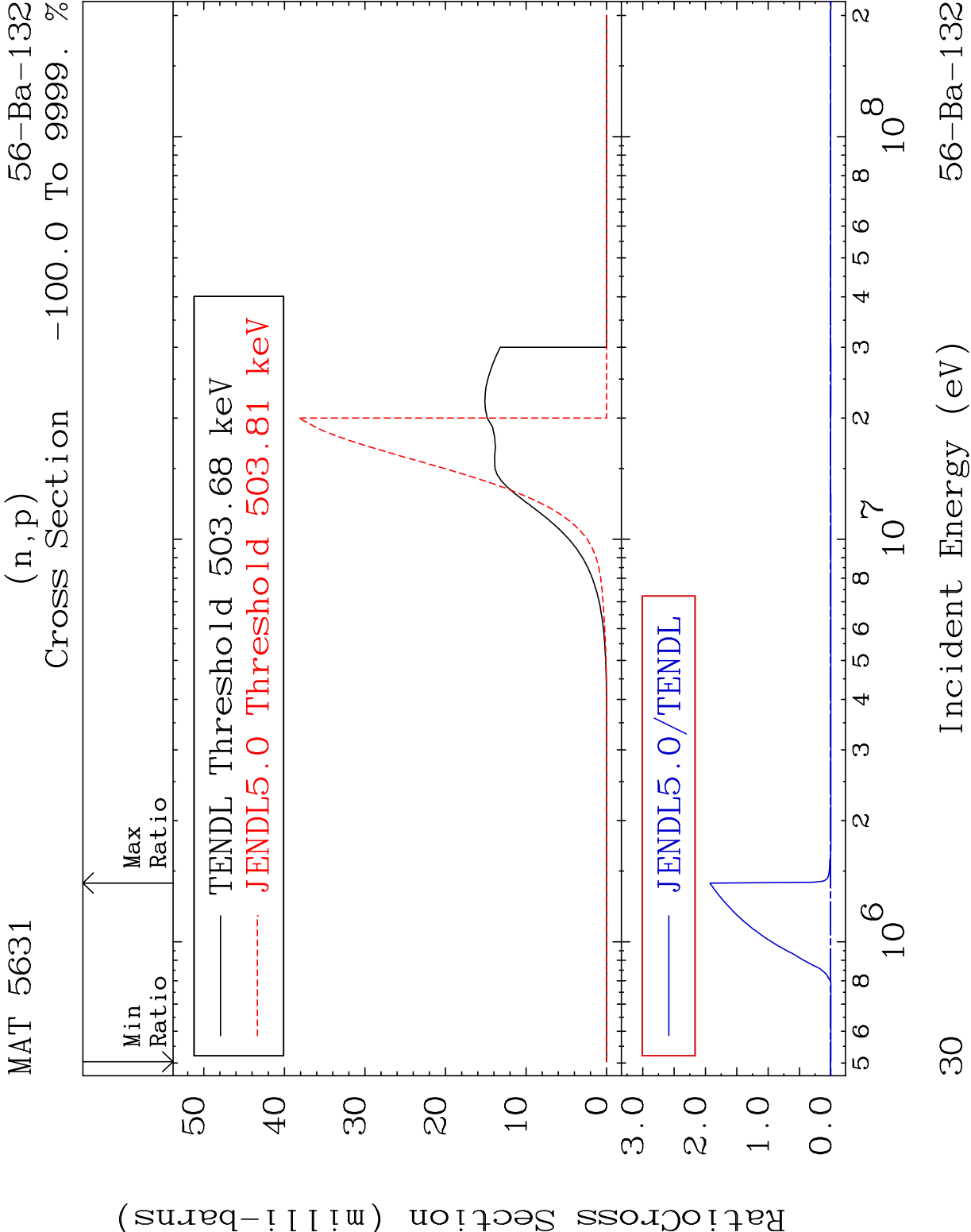
MAT 5631 MT= 68 (n,n') Level 56-Ba-132

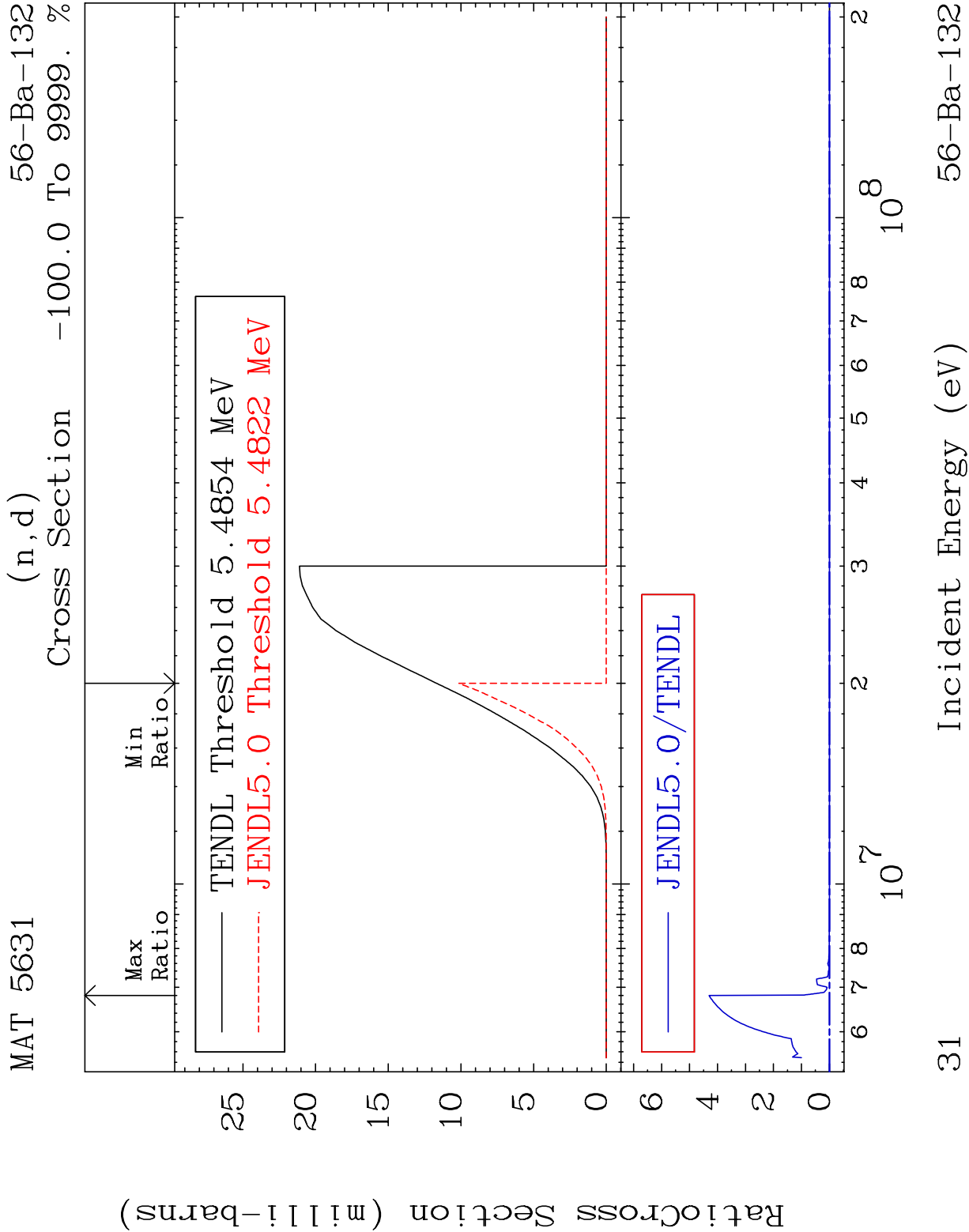
Cross Section -100.0 To 9999. %

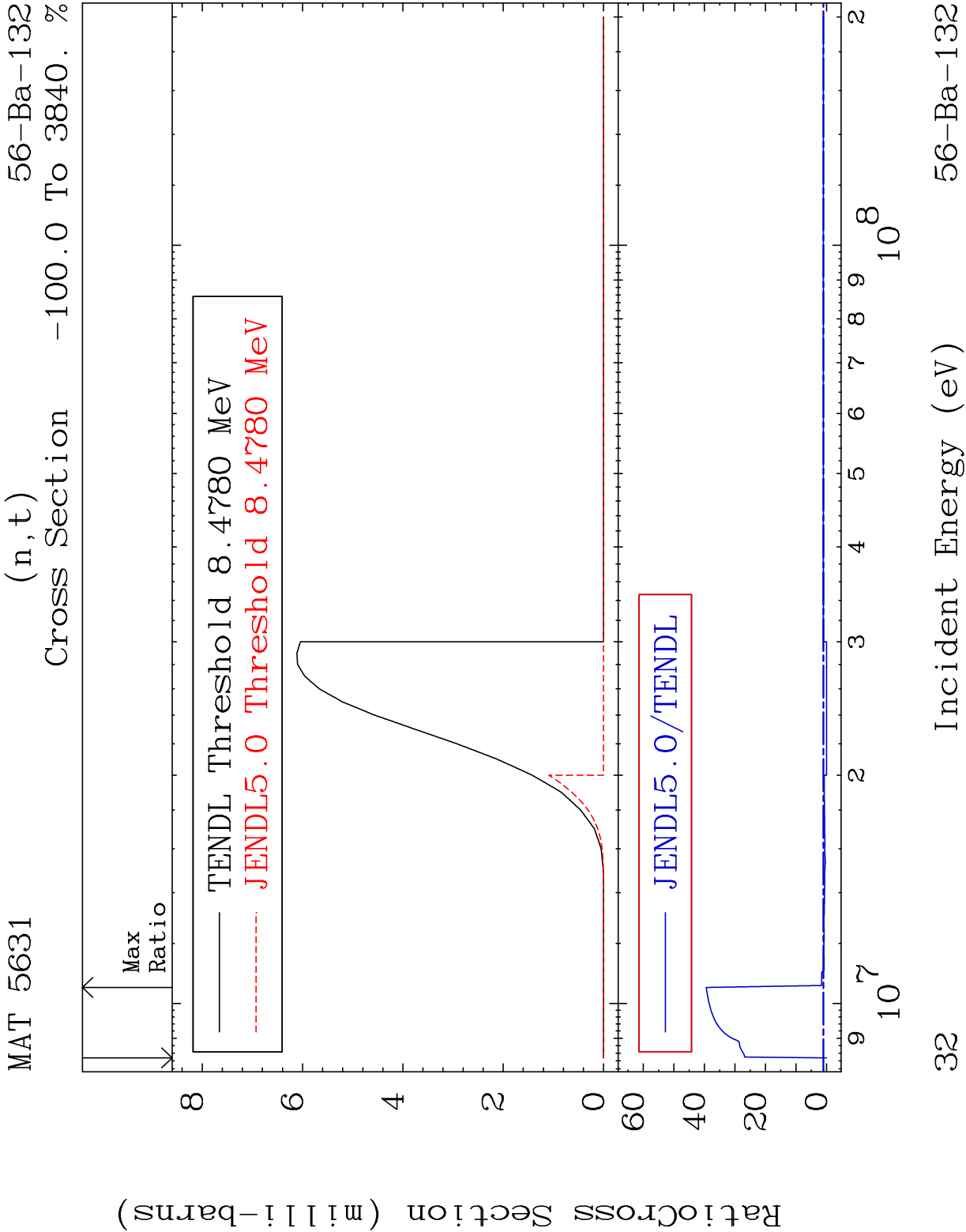


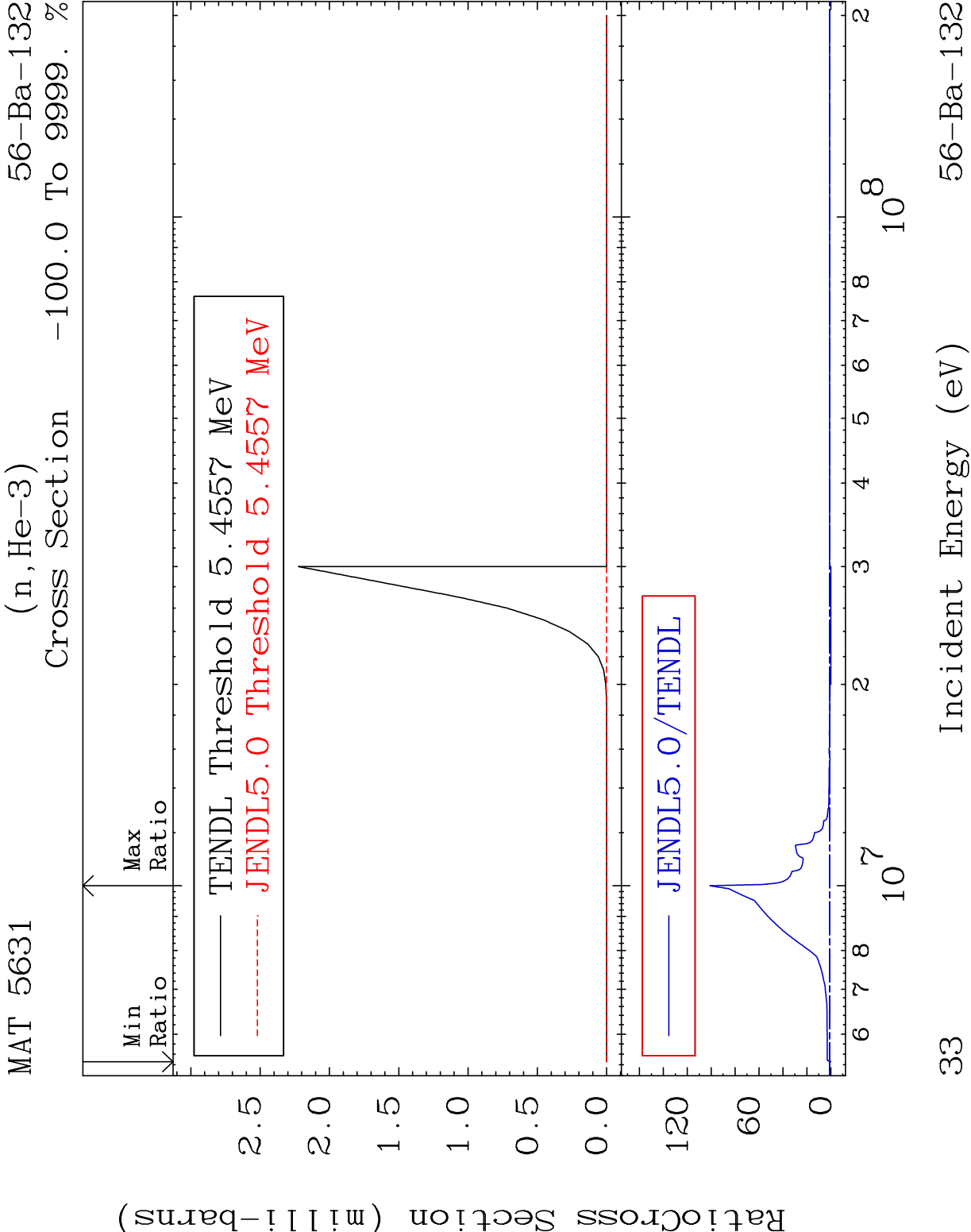


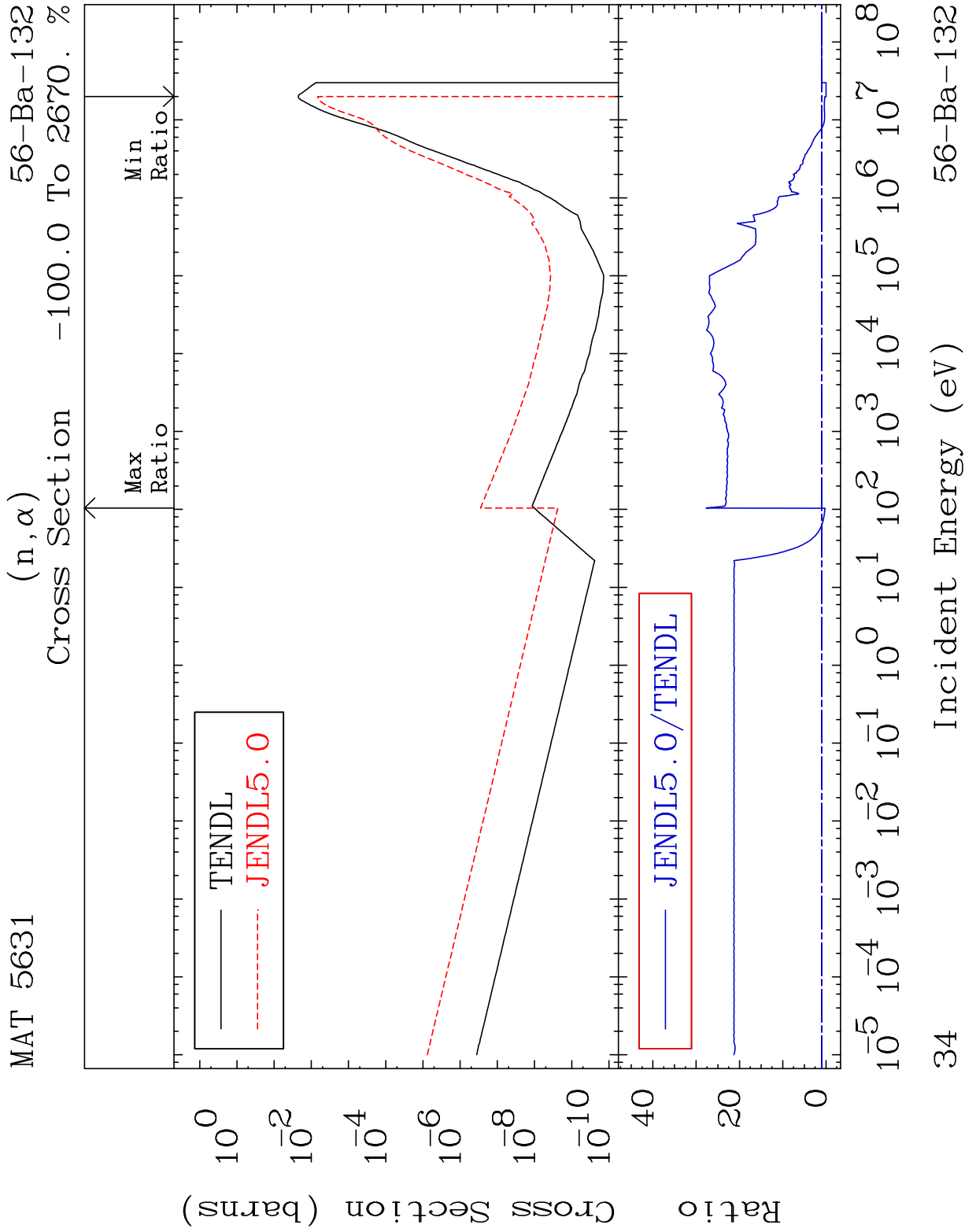


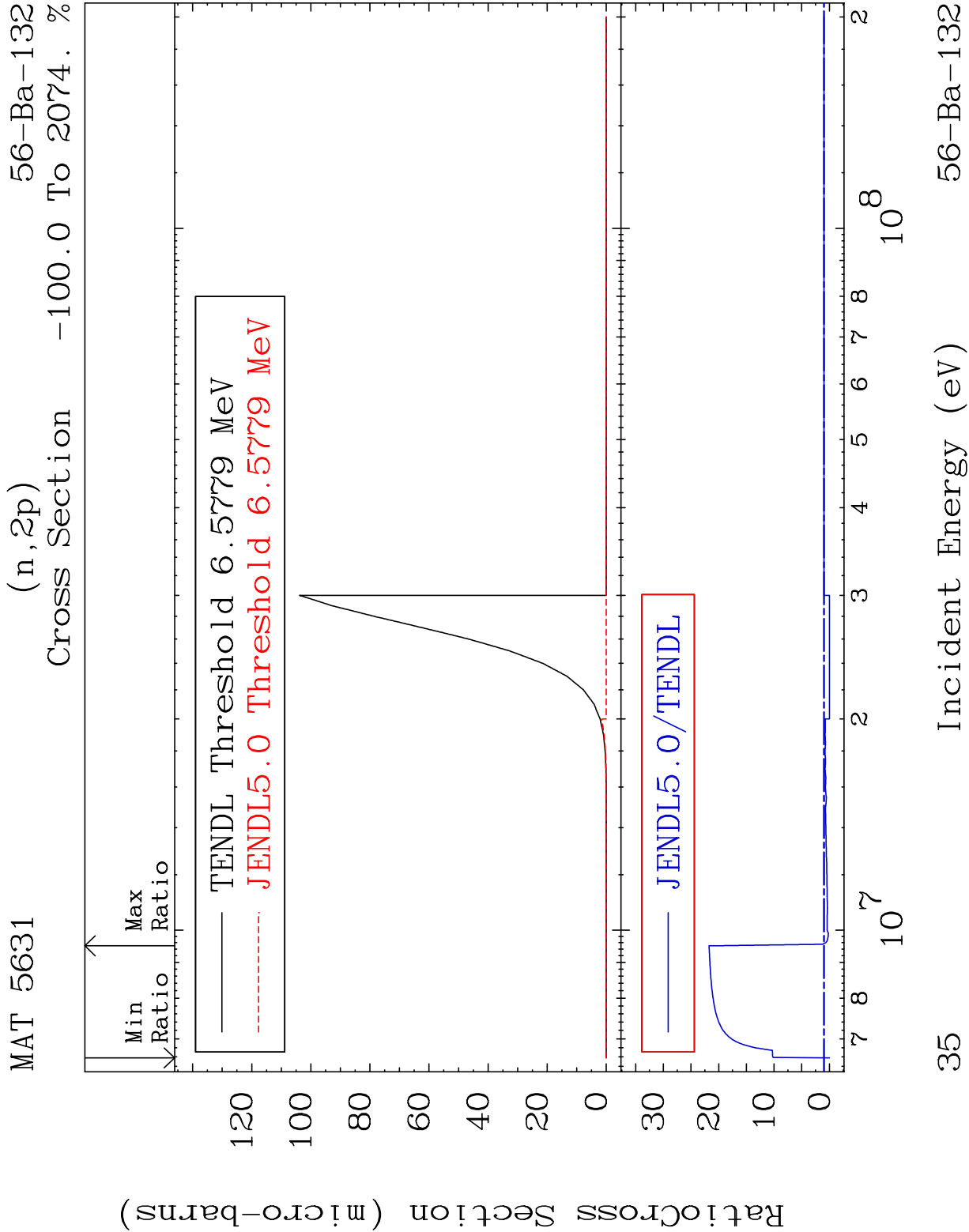


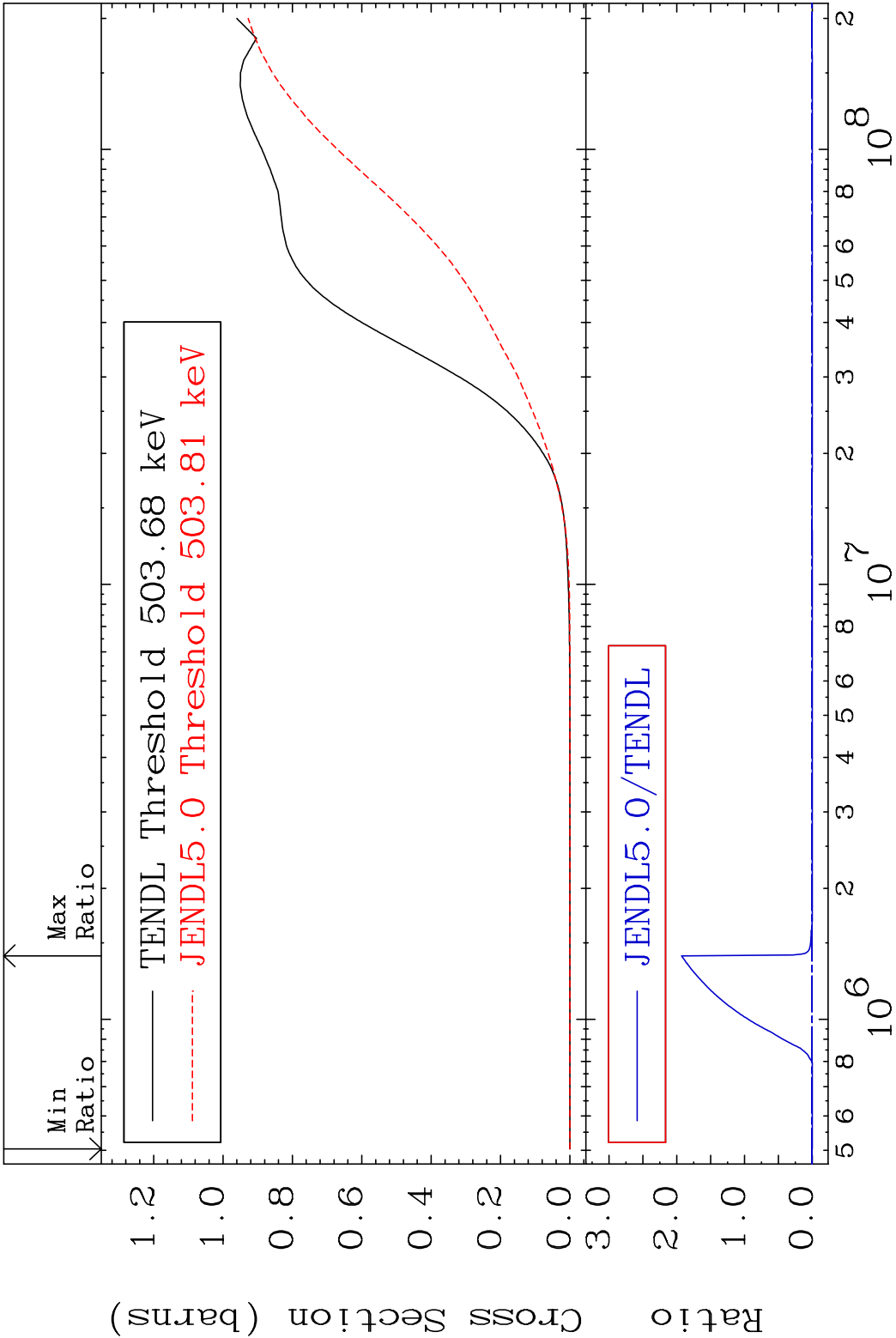




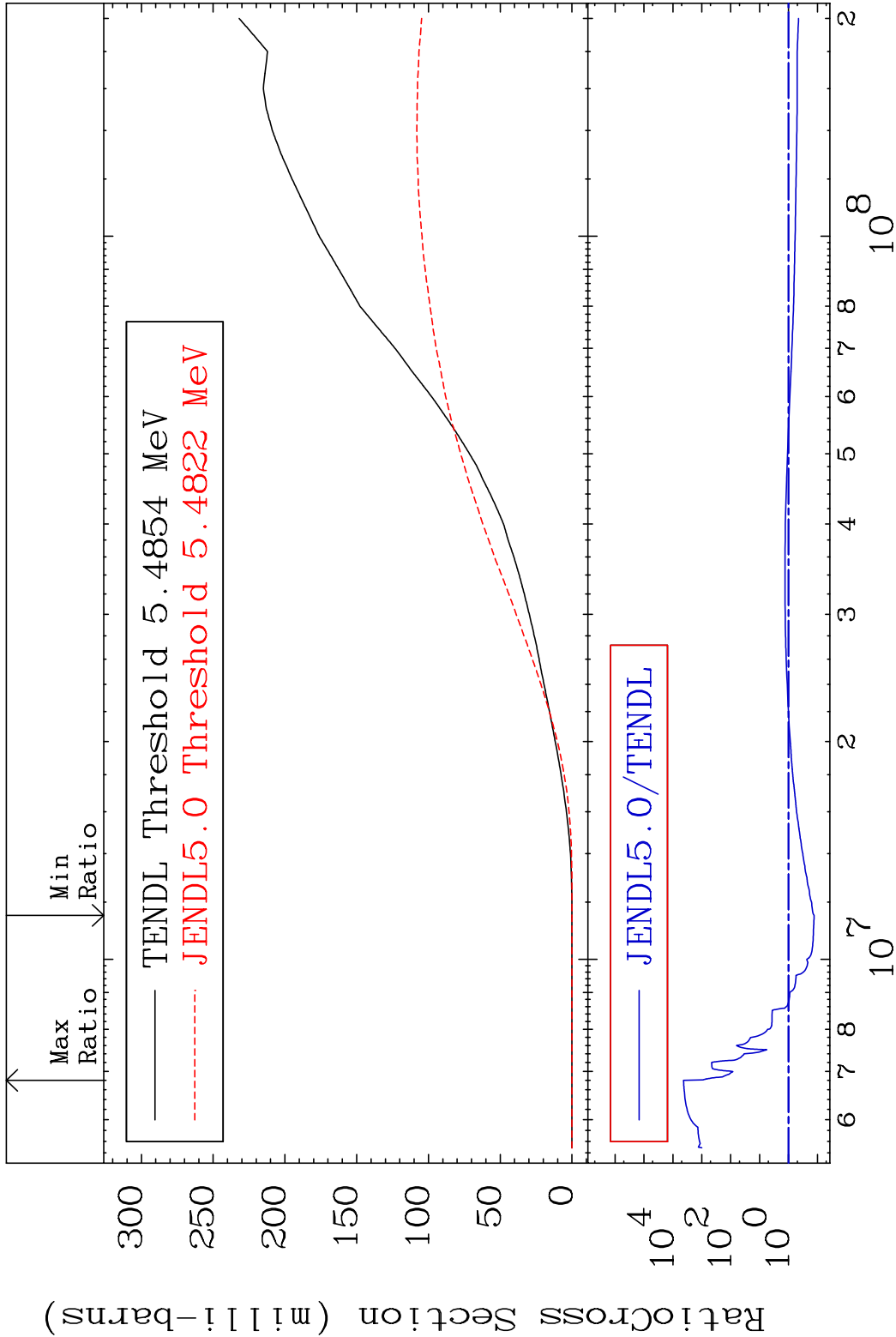








MAT 5631 Deuterium Production 56-Ba-132
Cross Section -86.83 To 9999. %



37 Incident Energy (eV) 56-Ba-132

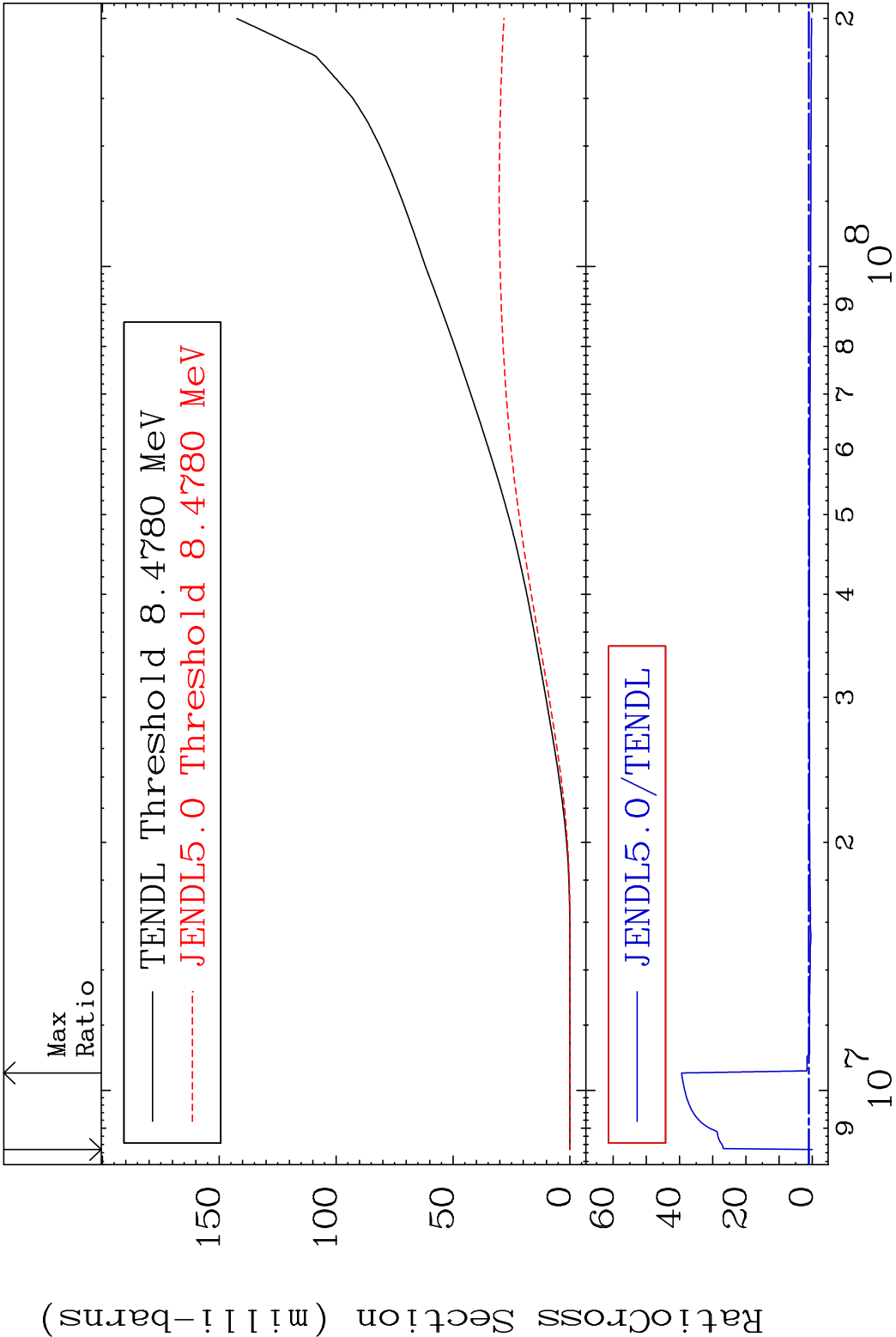
MAT 5631

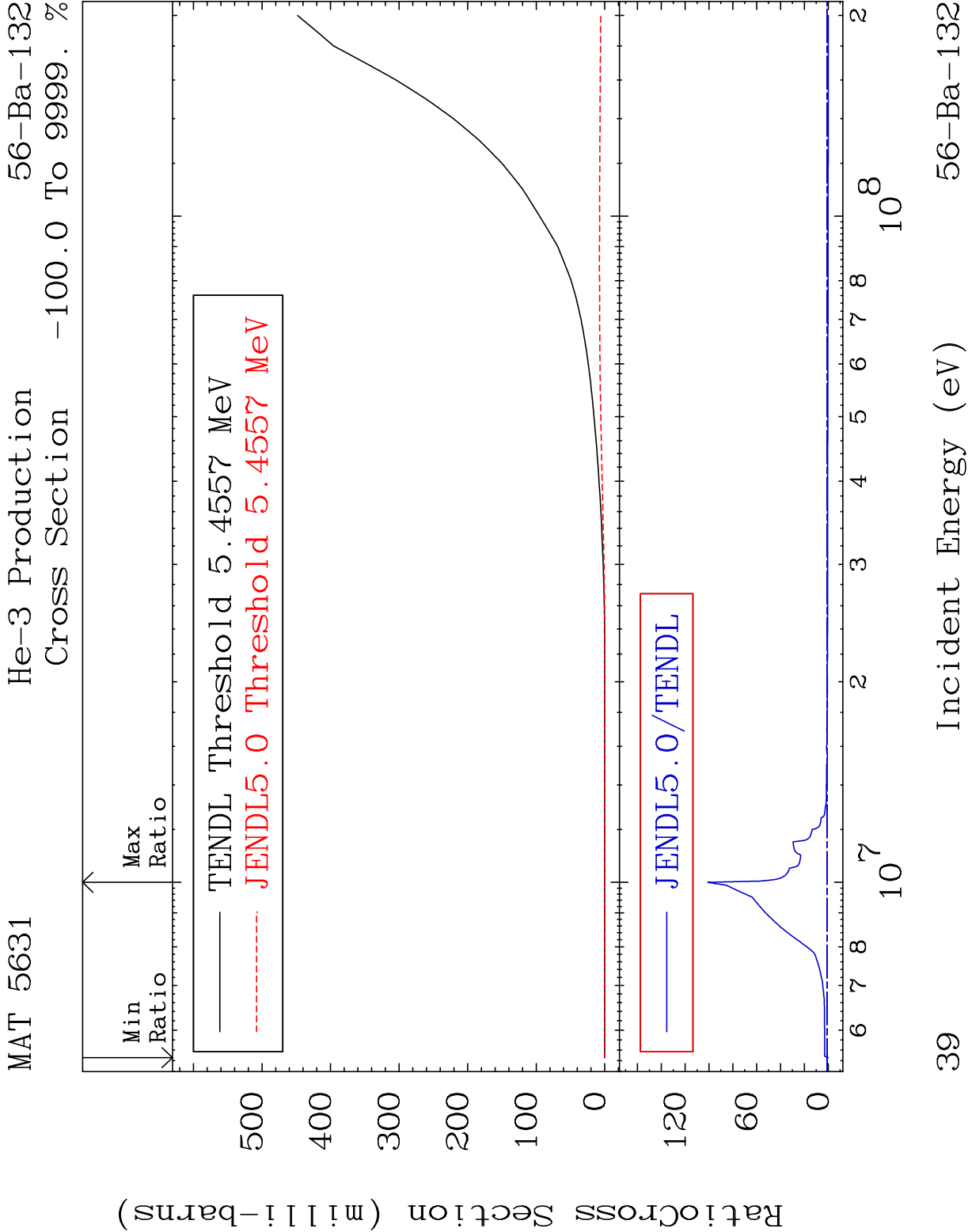
Tritium Production

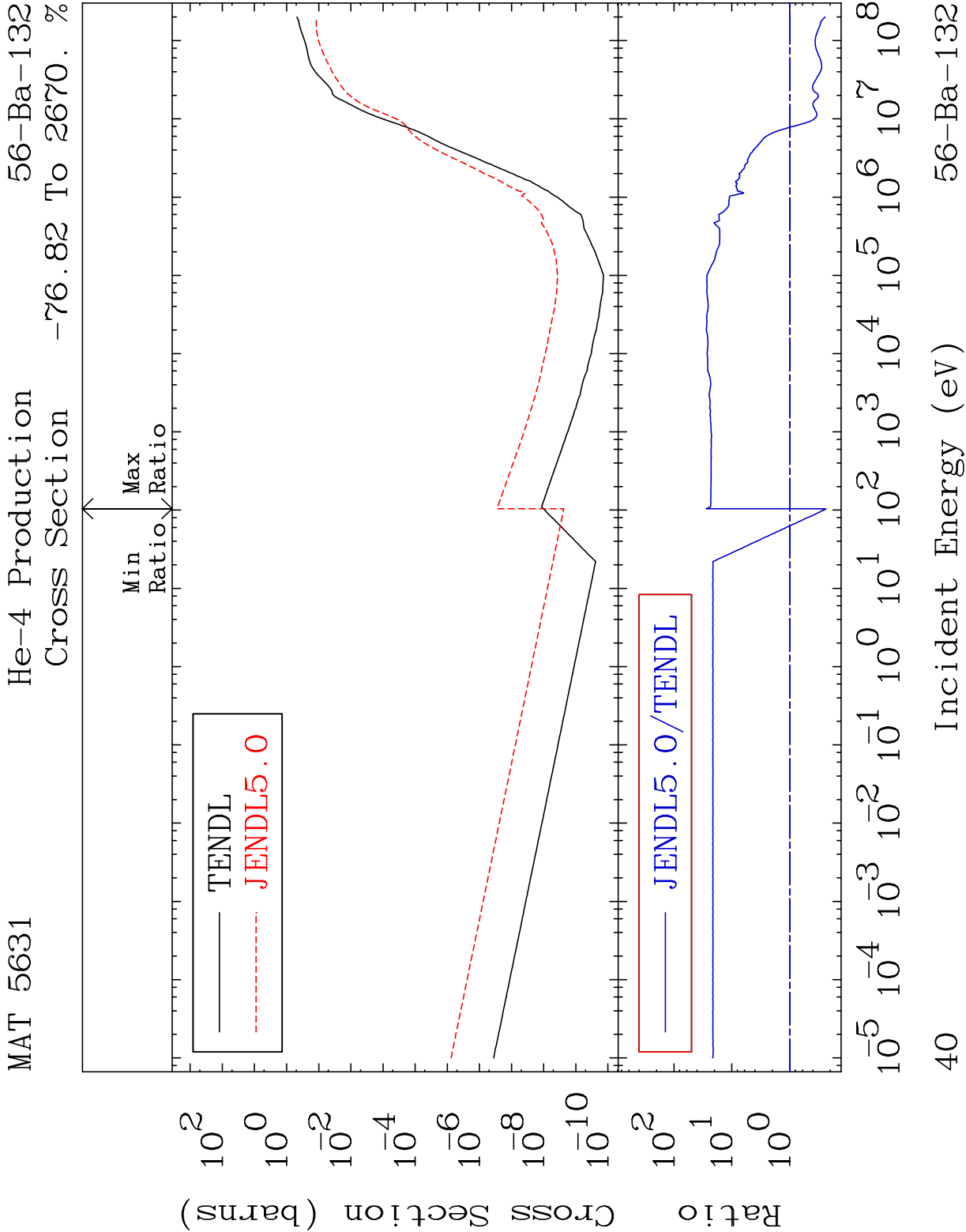
Cross Section

-100.0 To 3840. %

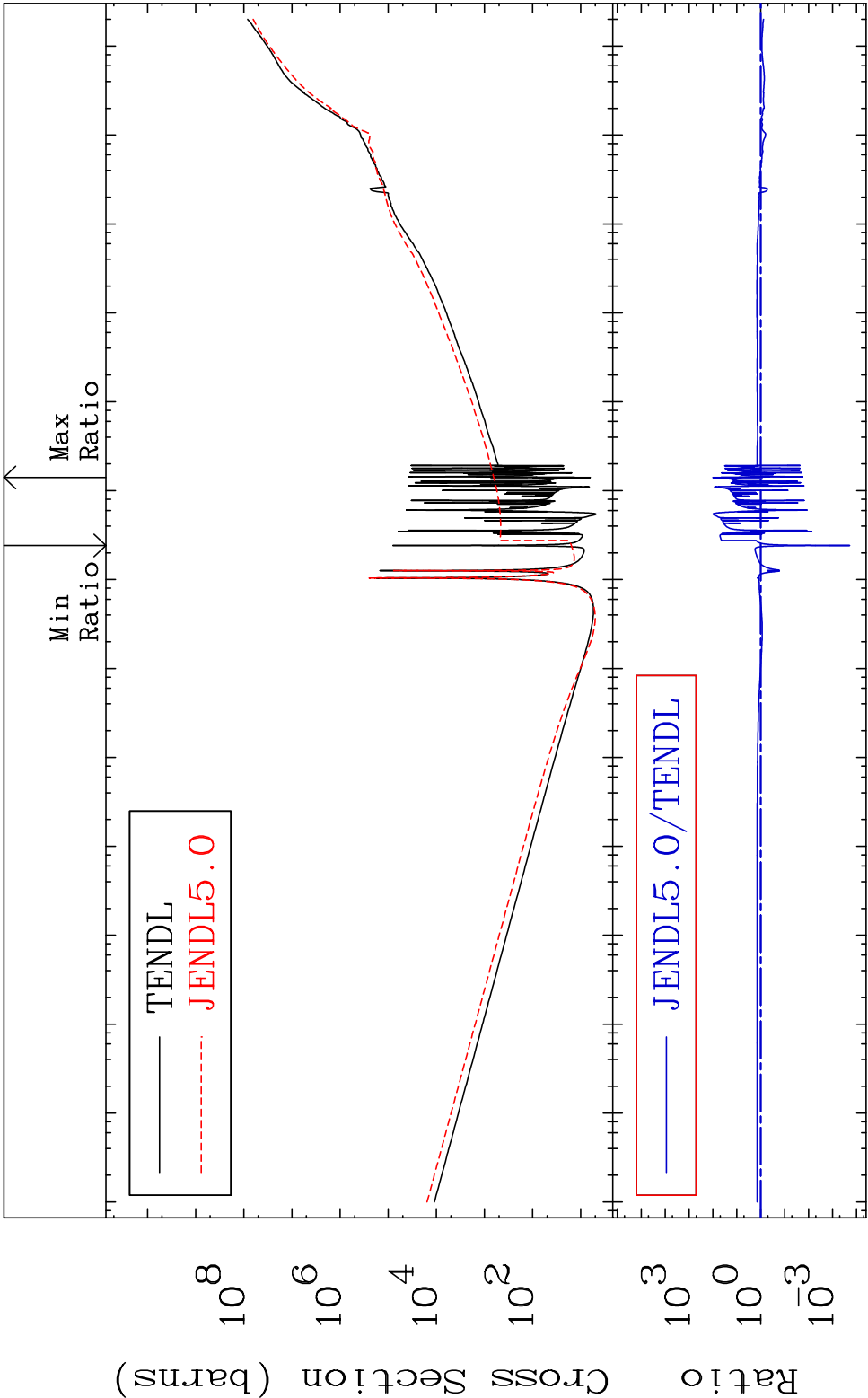
56-Ba-132







MAT 5631 Kerma total (eV-barns) 56-Ba-132
Cross Section -99.98 To 9999. %

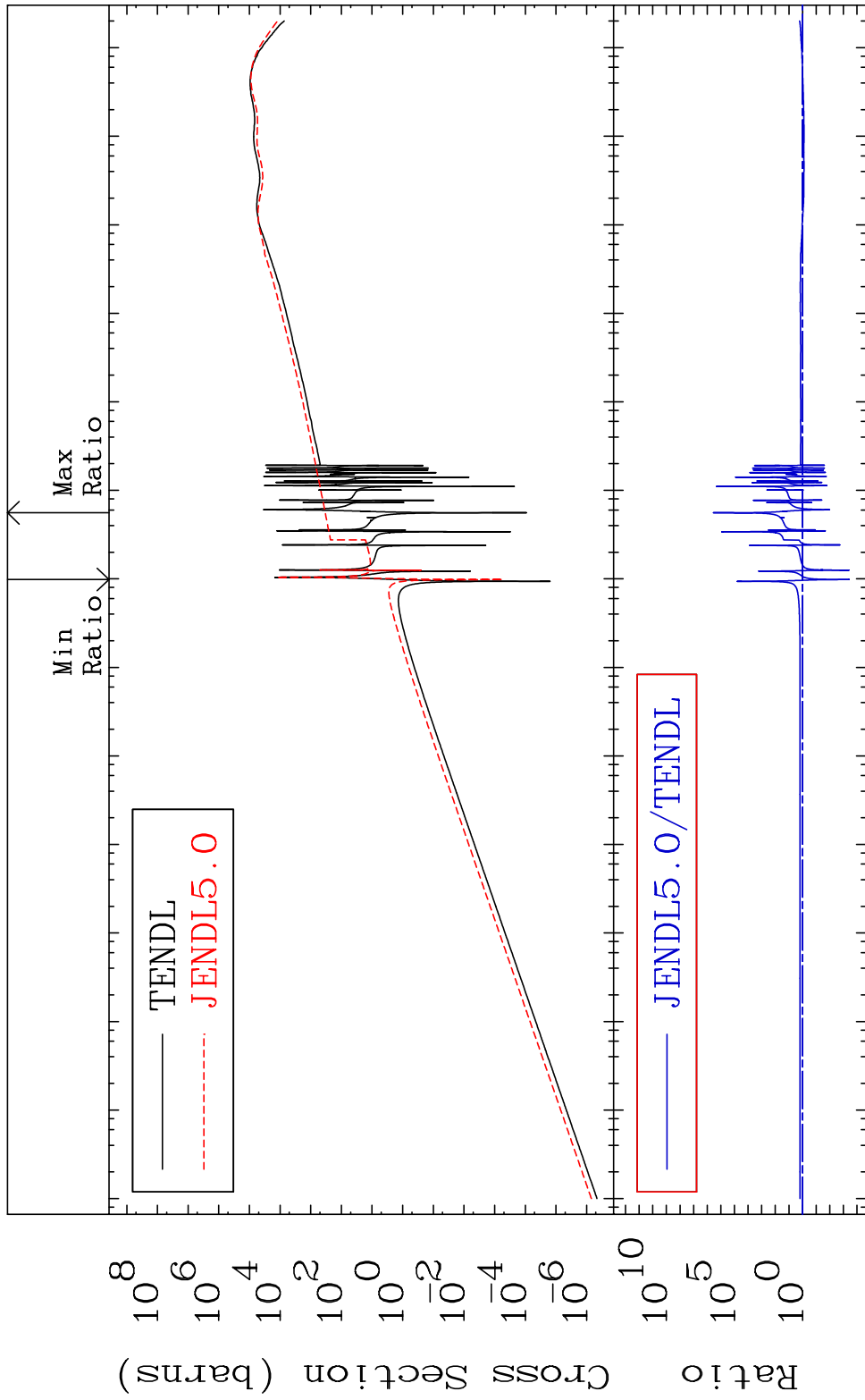


MAT 5631

Kerma elastic

56-Ba-132

Cross Section -99.96 To 9999. %

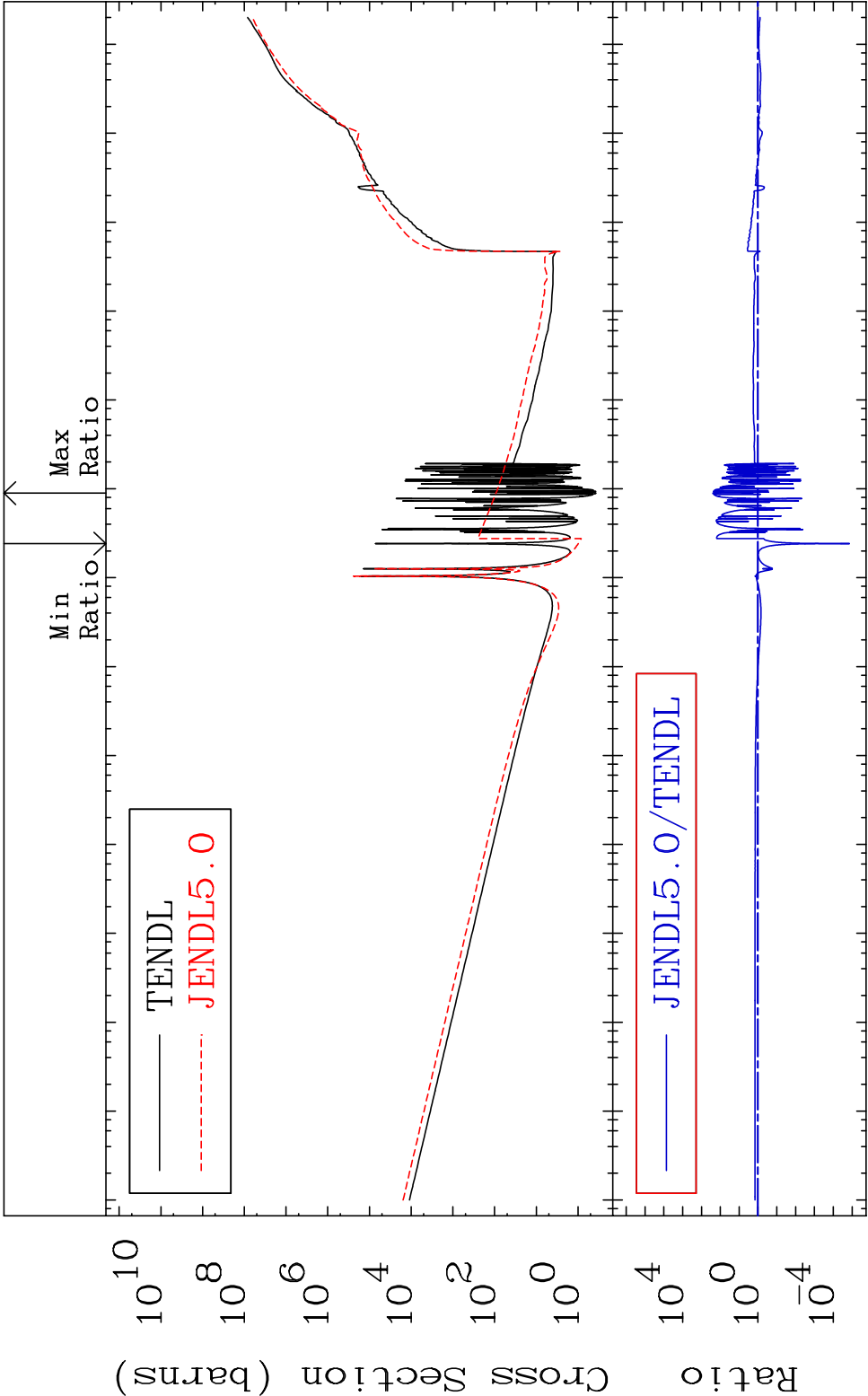


42

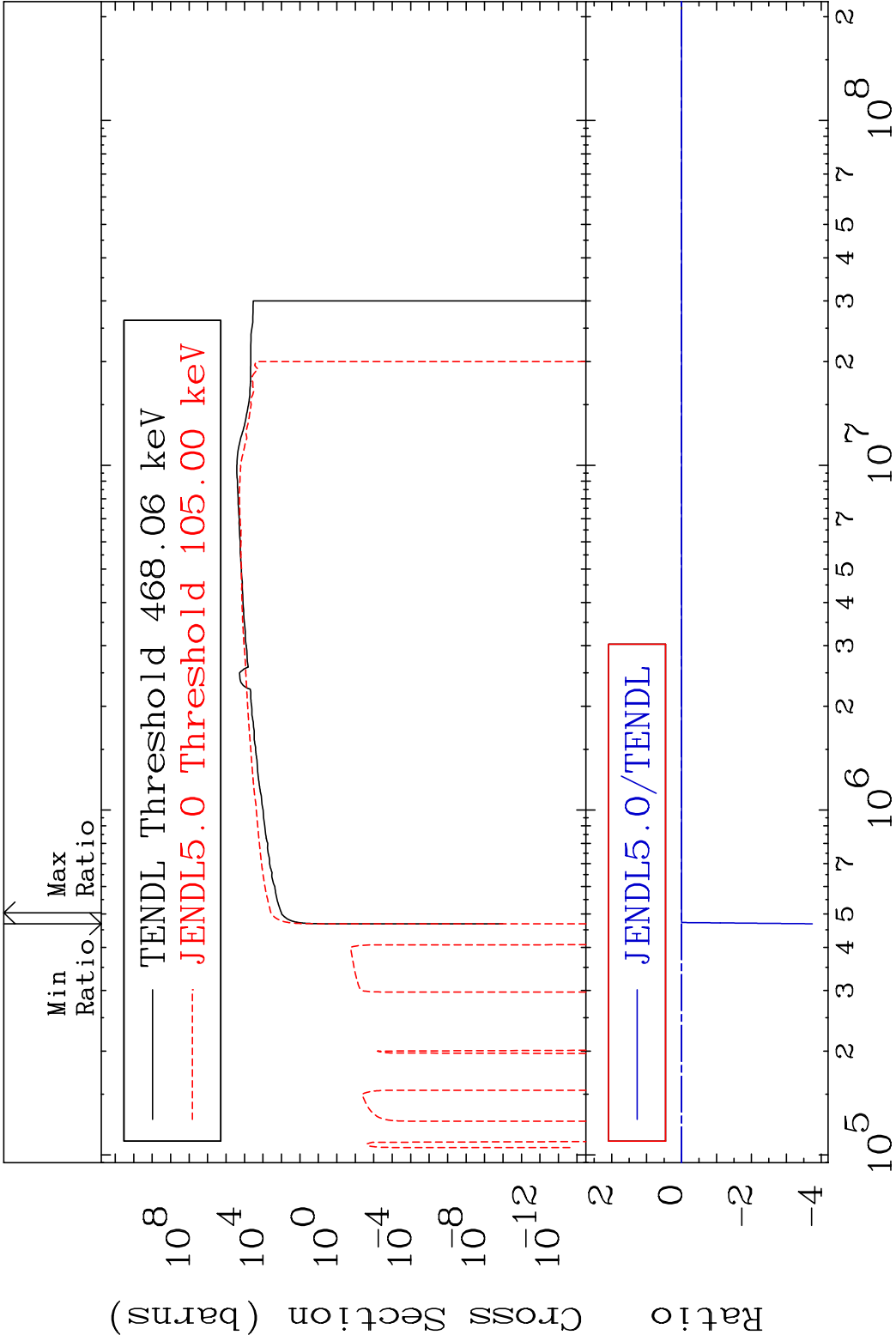
Incident Energy (eV)

56-Ba-132

MAT 5631 Kerma non-elastic (all but mt2) 56-Ba-132
 Cross Section -100.0 To 9999. %

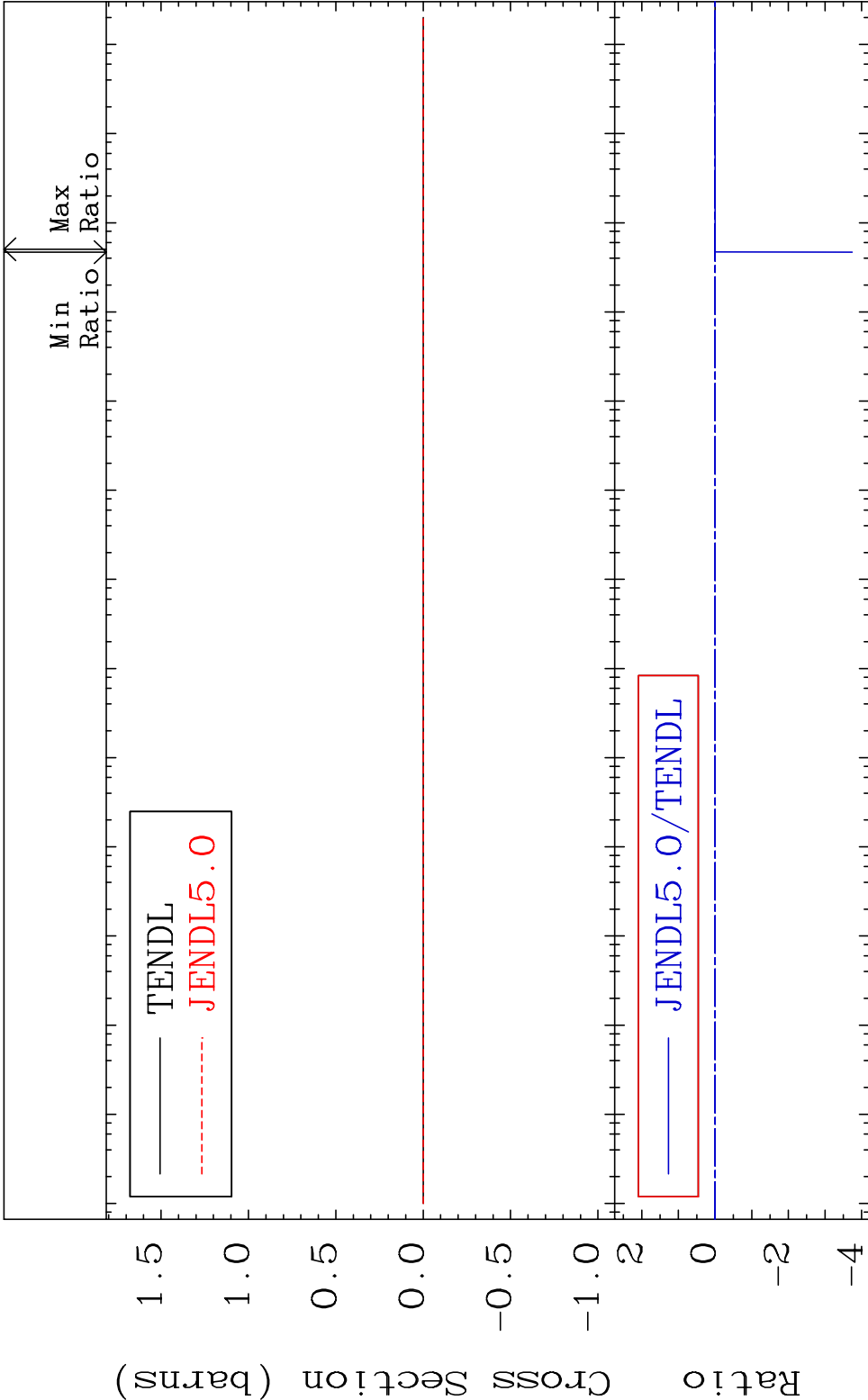


MAT 5631 Kerma inelastic (mt51-91) 56-Ba-132
Cross Section -9999. To 272.0 %

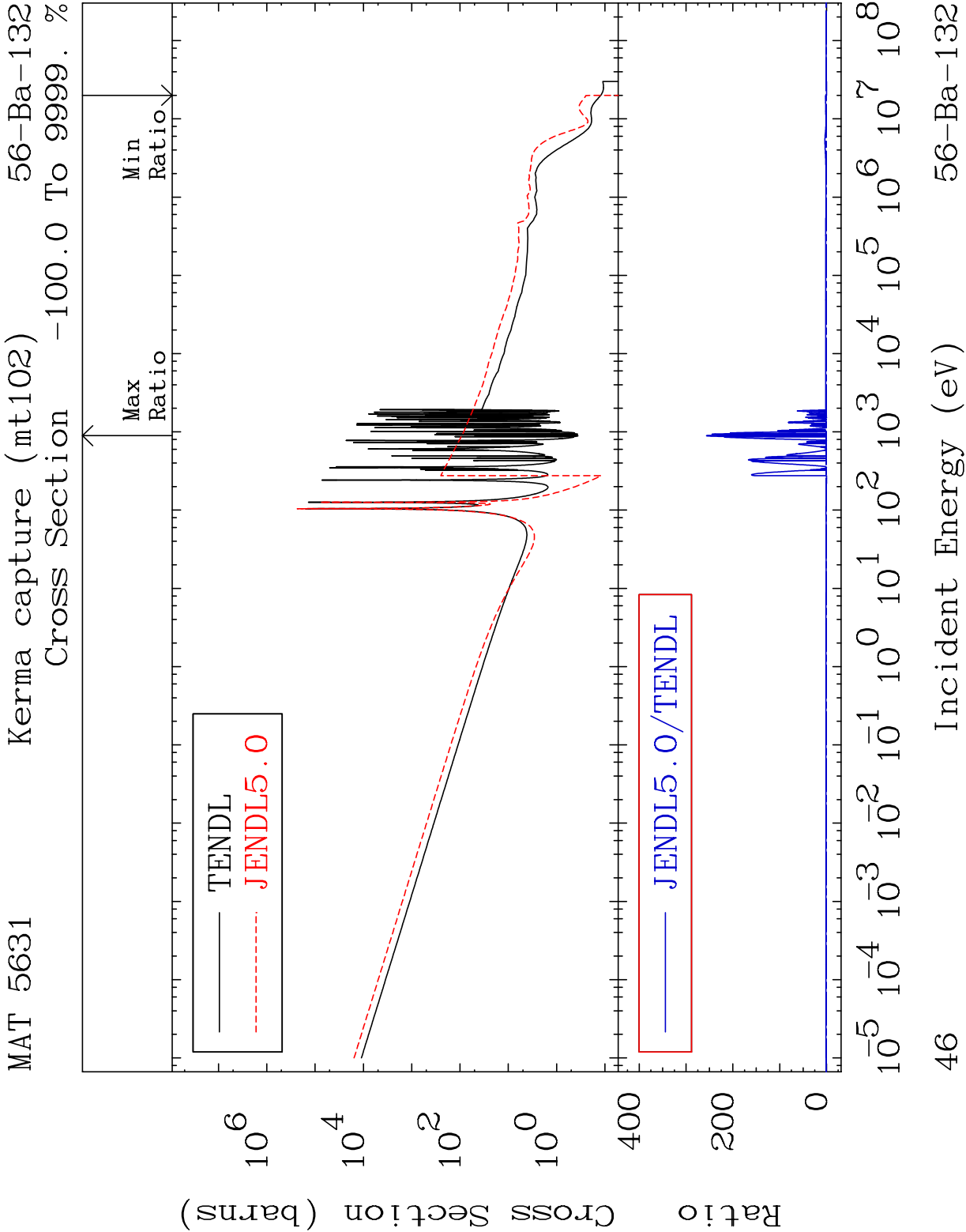


44 Incident Energy (eV) 56-Ba-132

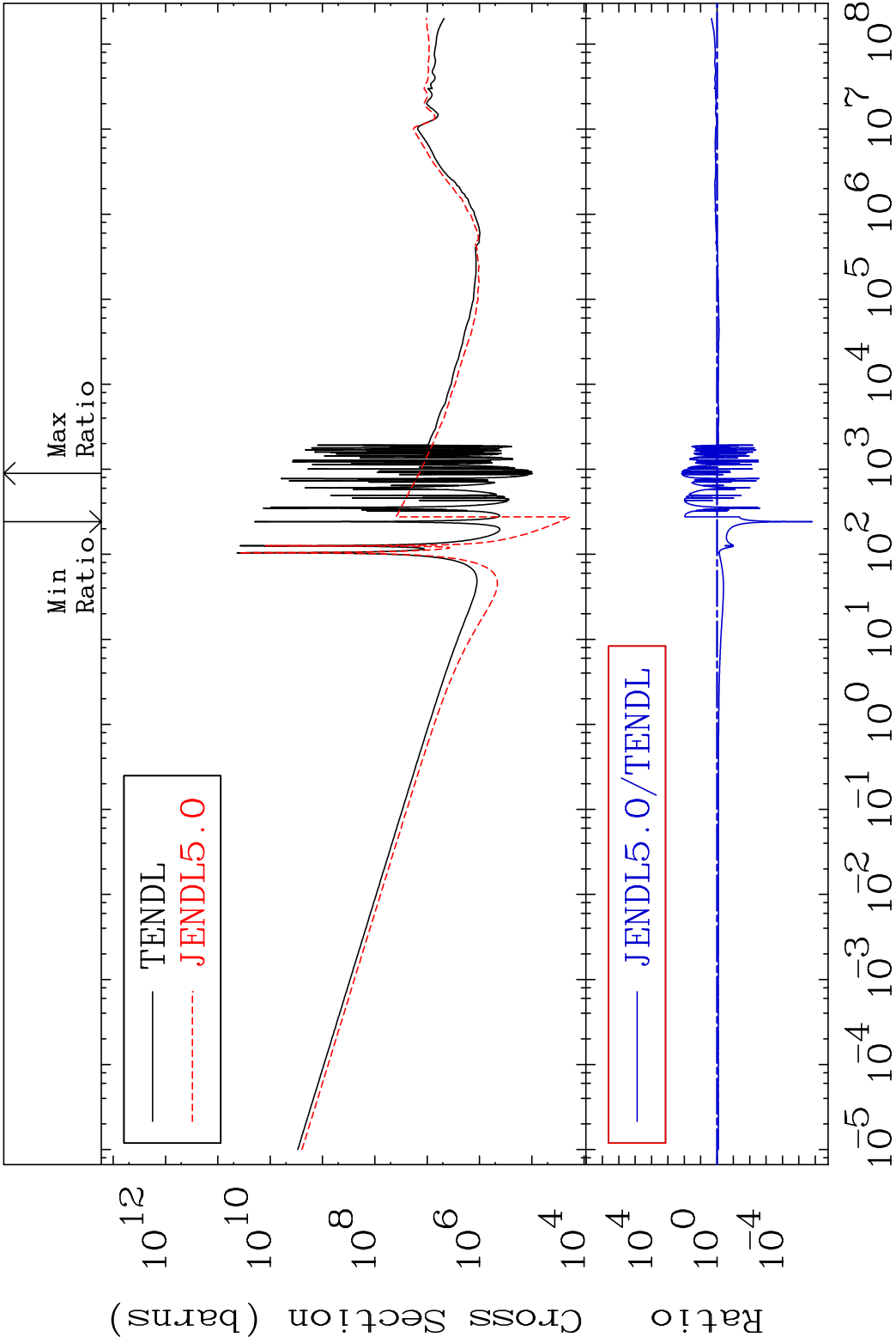
MAT 5631 Kerma fission (mt18 or mt19-20-21-38)56-Ba-132
Cross Section -9999. To 272.0 %



45 Incident Energy (eV) 56-Ba-132

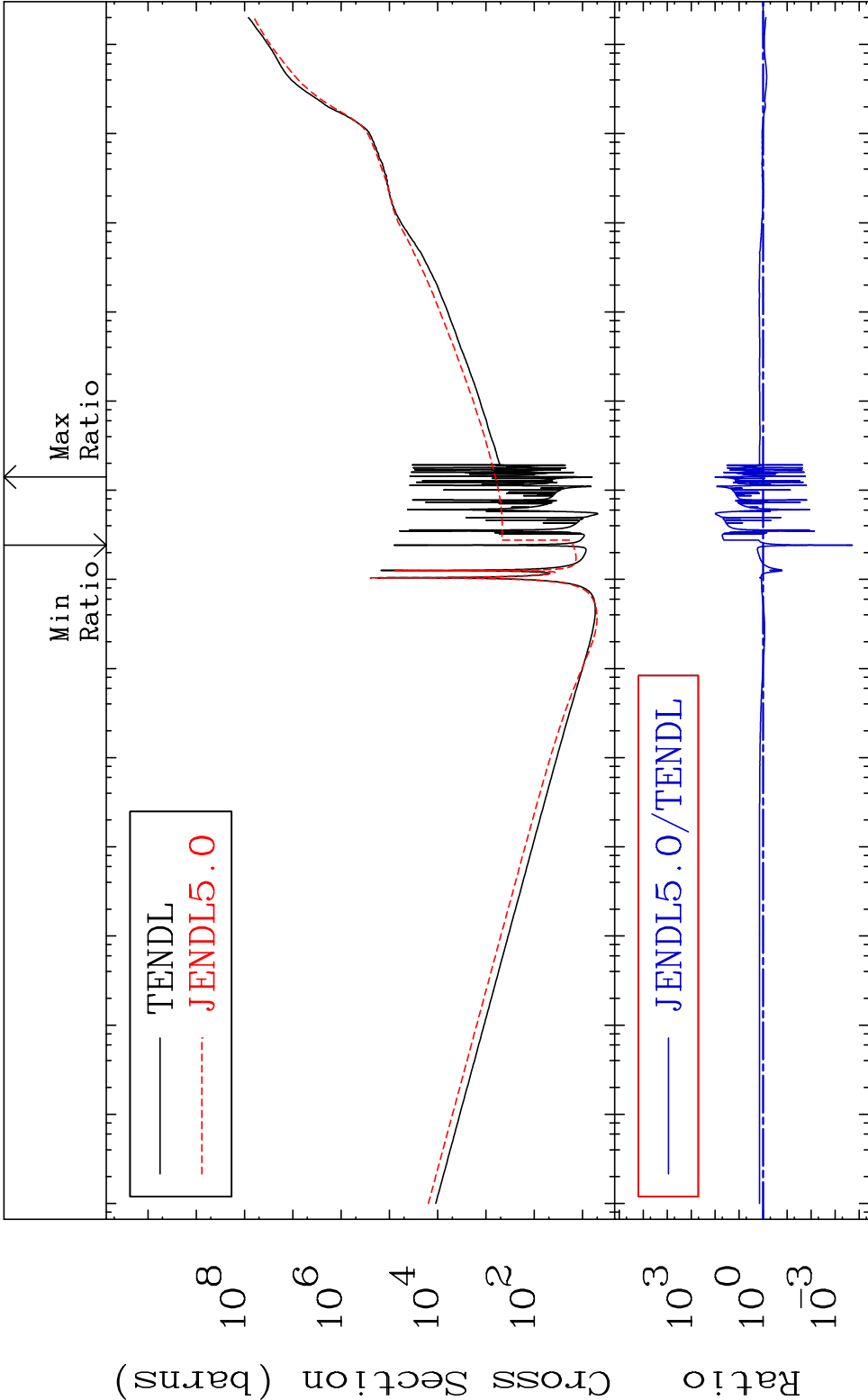


MAT 5631 Total photon (eV-barns) 56-Ba-132
Cross Section -100.0 To 9999. %



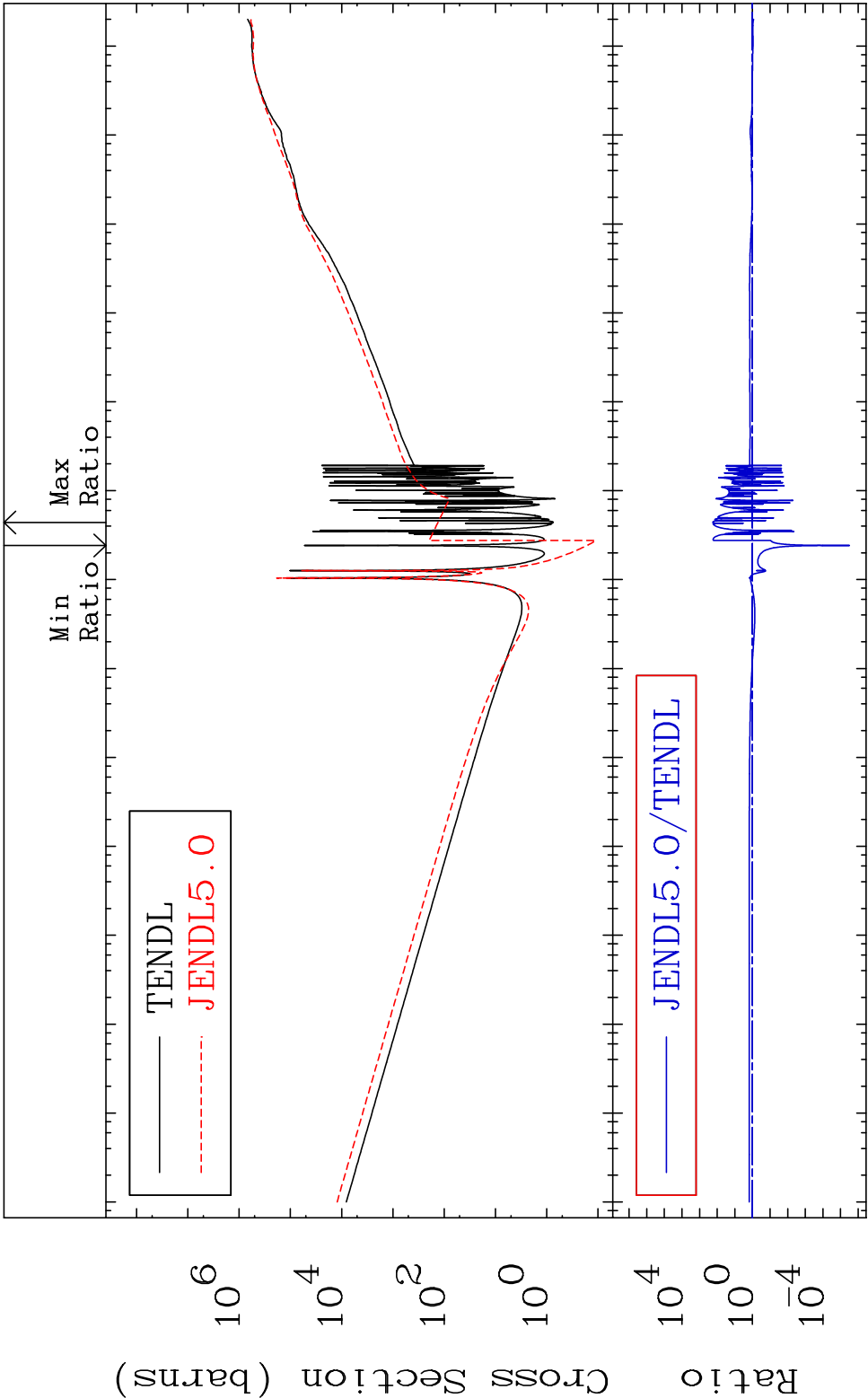
47 Incident Energy (eV) 56-Ba-132

MAT 5631 Total kinematic kerma (high limit) 56-Ba-132
Cross Section -99.98 To 9999. %



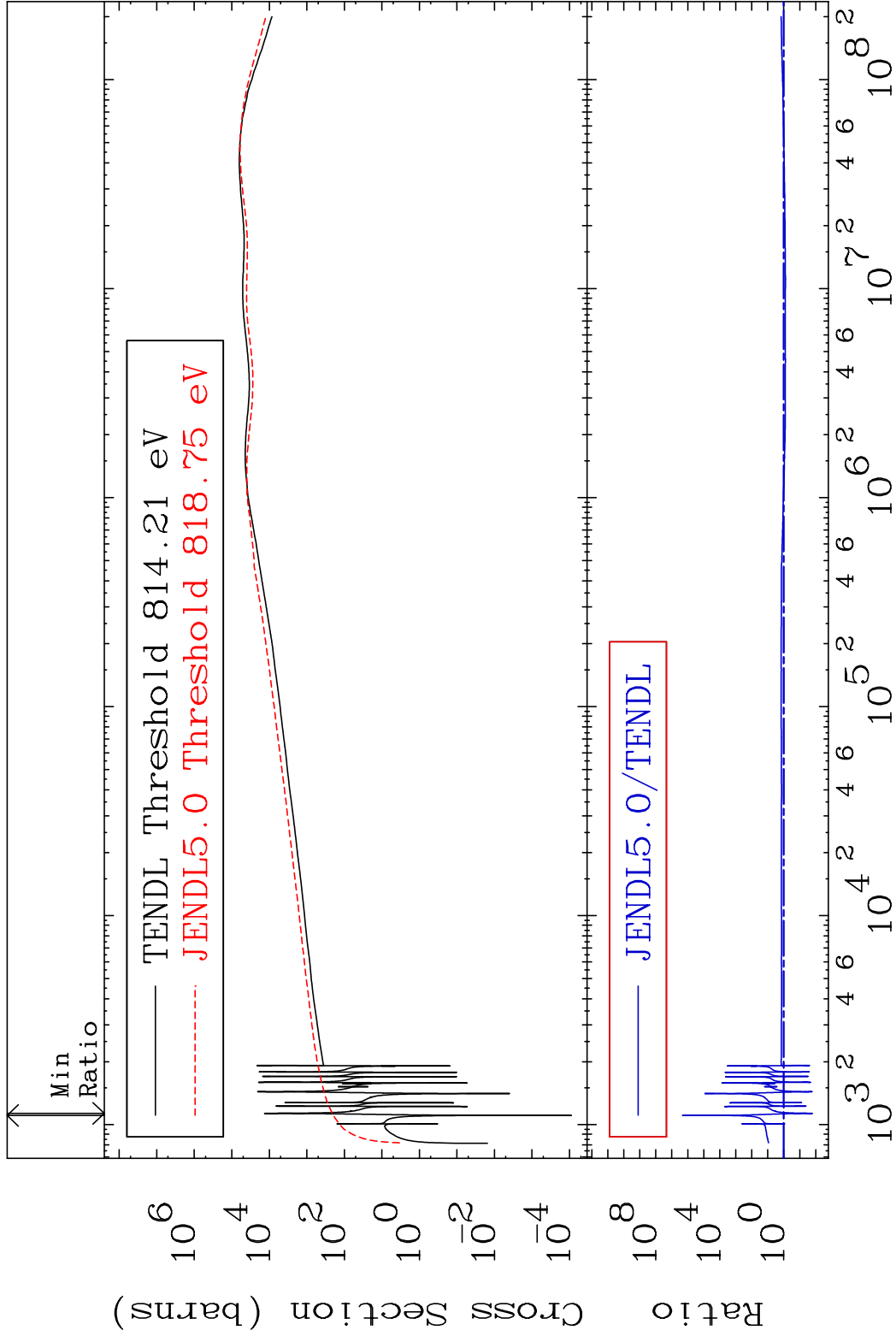
Incident Energy (eV) 56-Ba-132

MAT 5631 Dpa total (eV-barns) 56-Ba-132
Cross Section -100.0 To 9999. %



49 Incident Energy (eV) 56-Ba-132

MAT 5631 Dpa elastic (mt2) 56-Ba-132
Cross Section -98.42 To 9999. %



50 Incident Energy (eV) 56-Ba-132

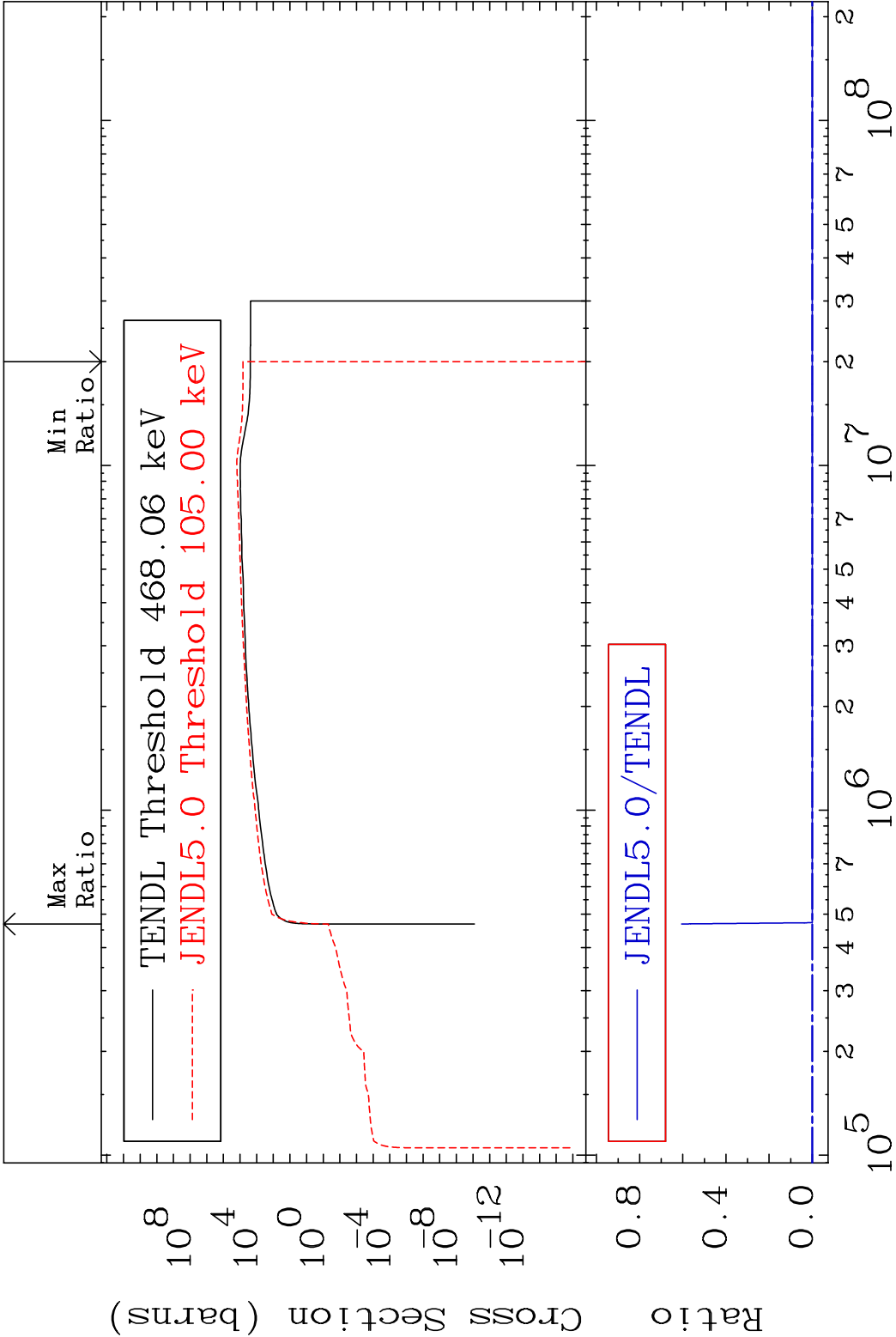
MAT 5631

Dpa inelastic (mt51-91)

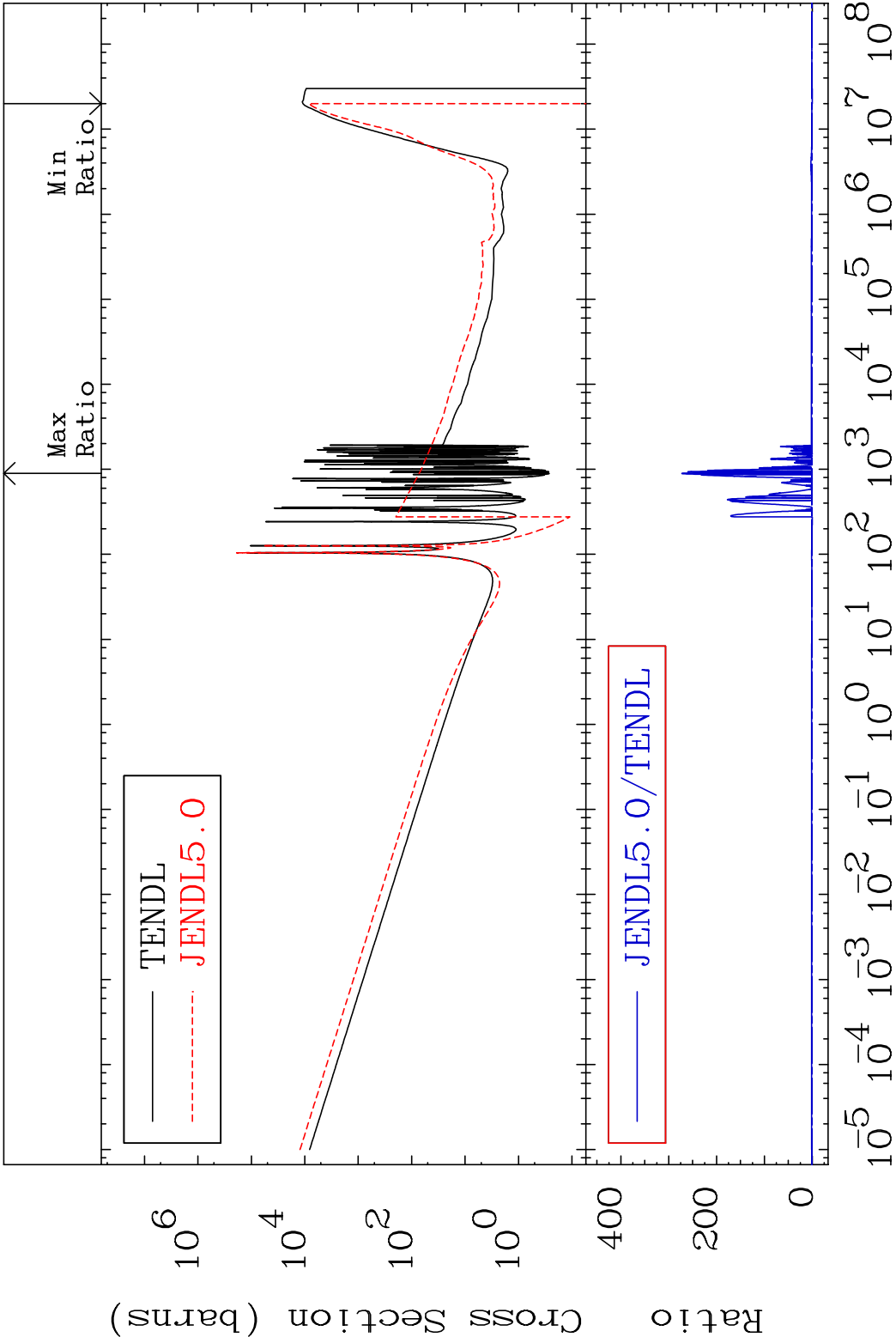
56-Ba-132

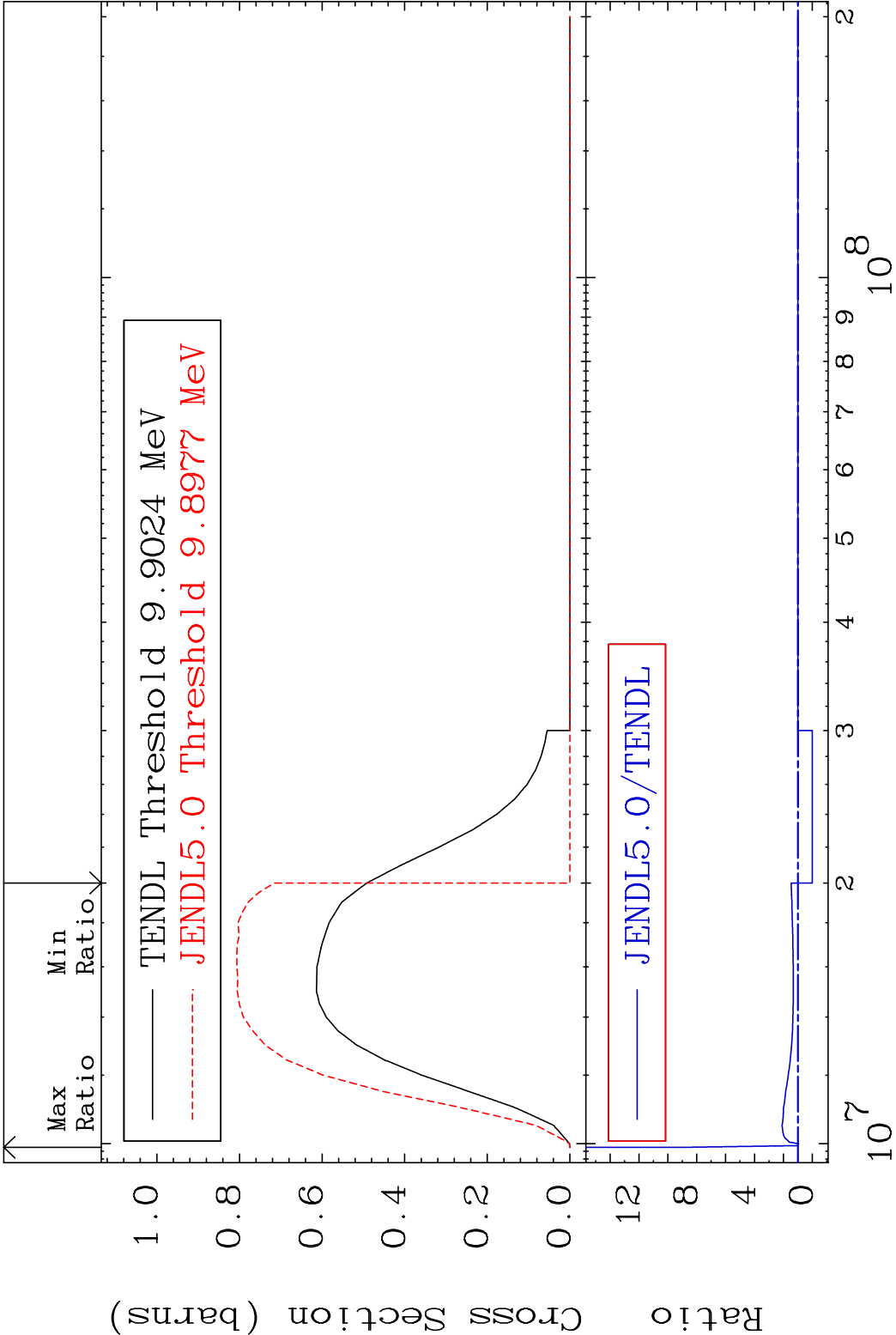
Cross Section

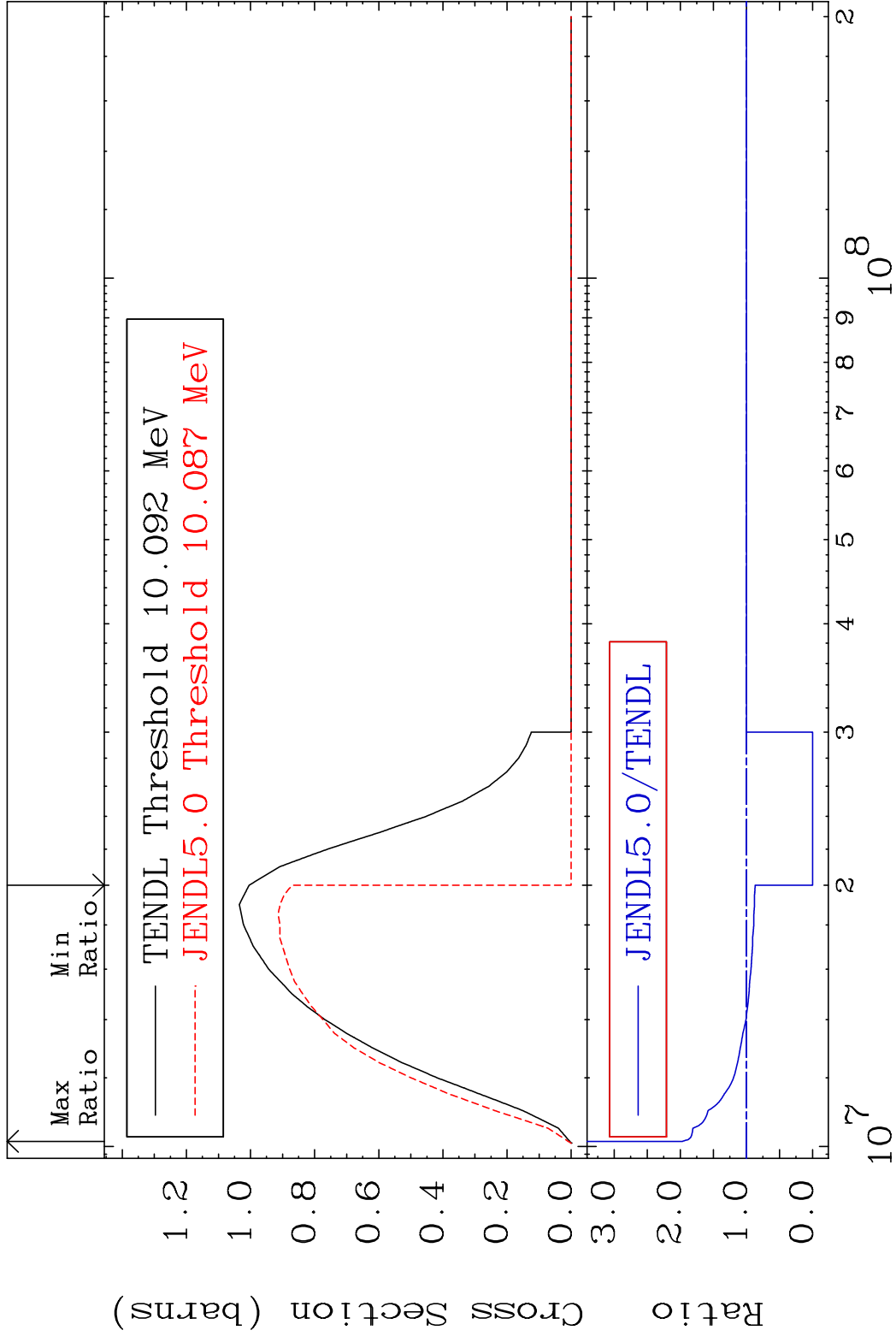
-100.0 To 9999. %

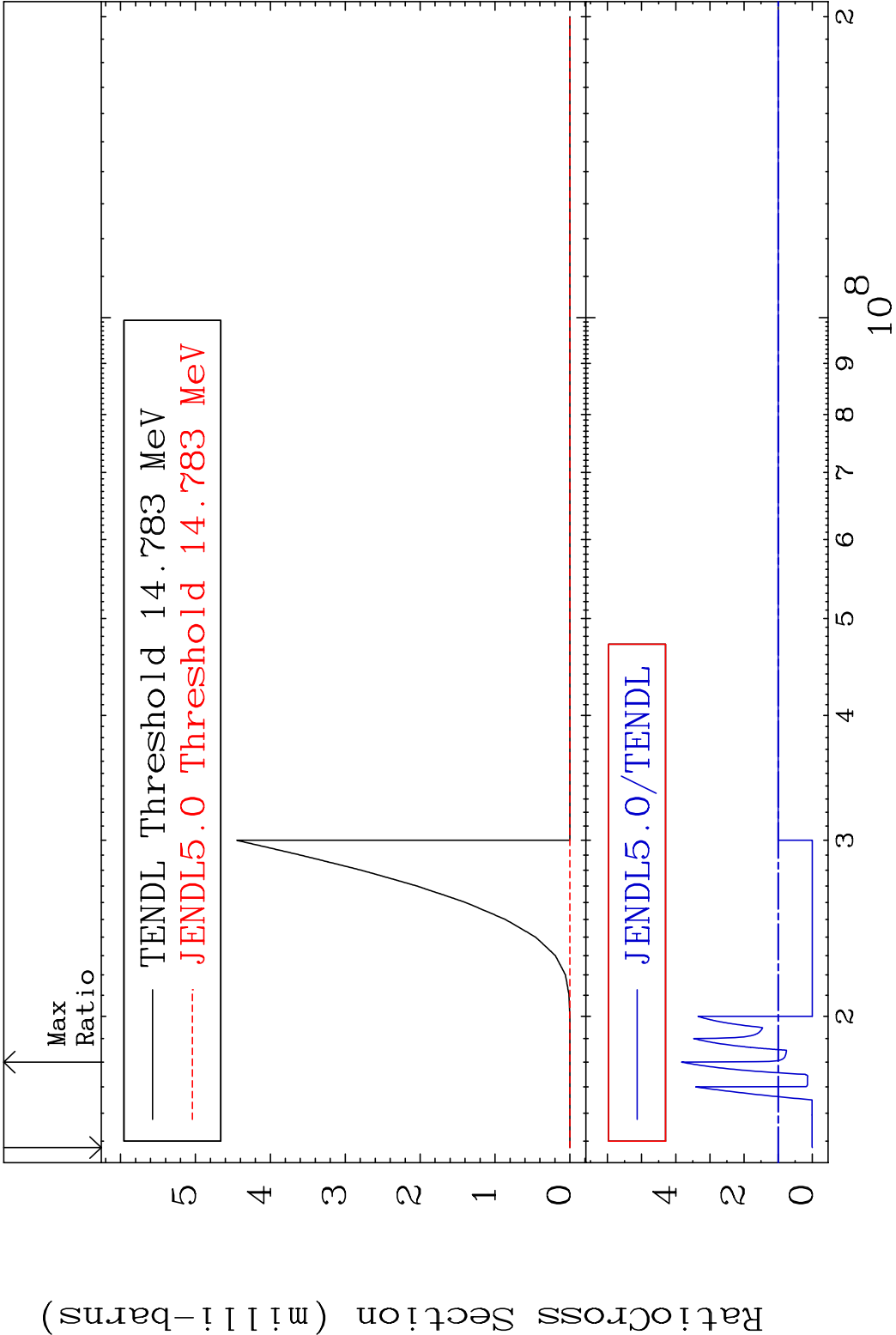


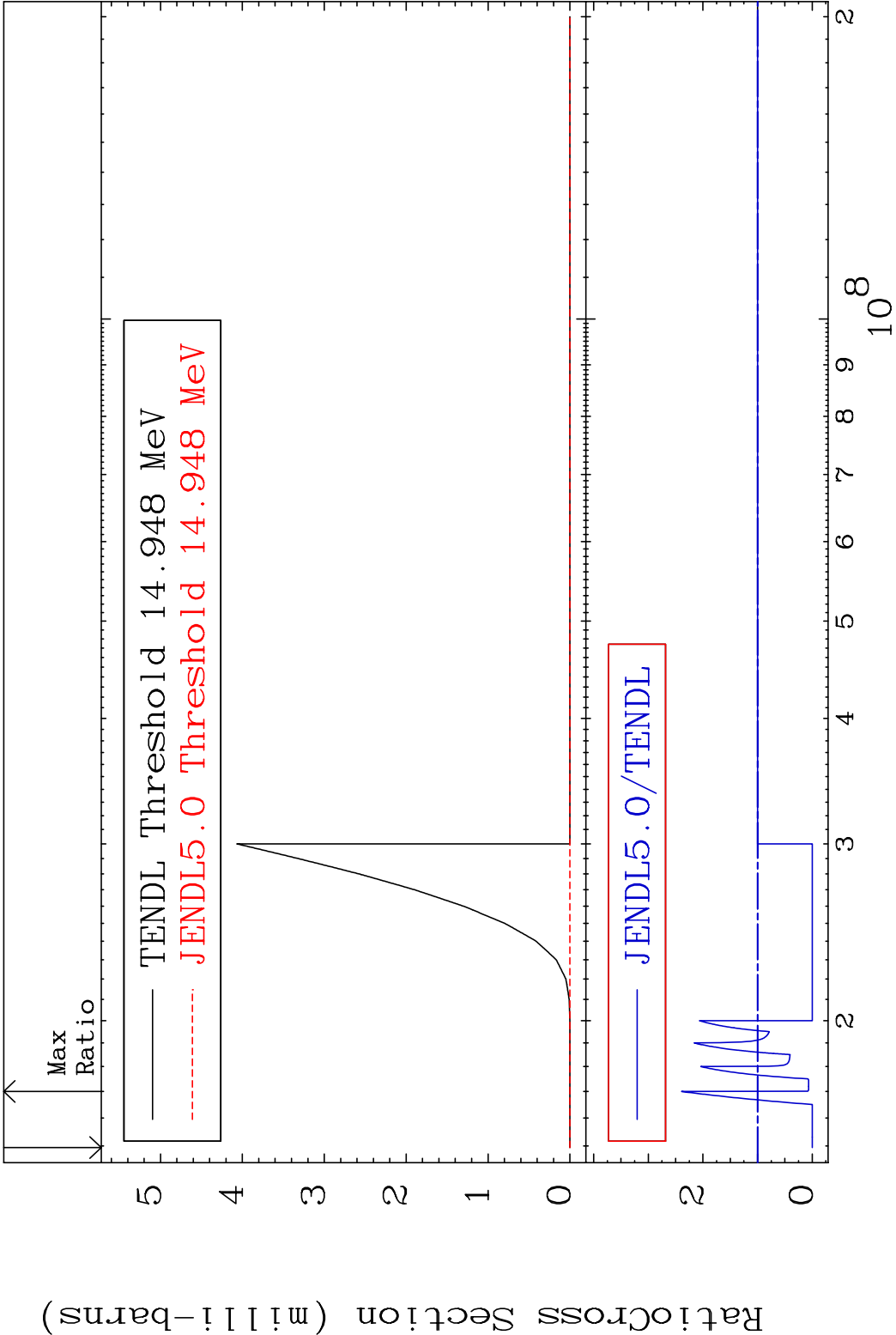
MAT 5631 Dpa disappearance (mt102 -120) 56-Ba-132
Cross Section -100.0 To 9999. %

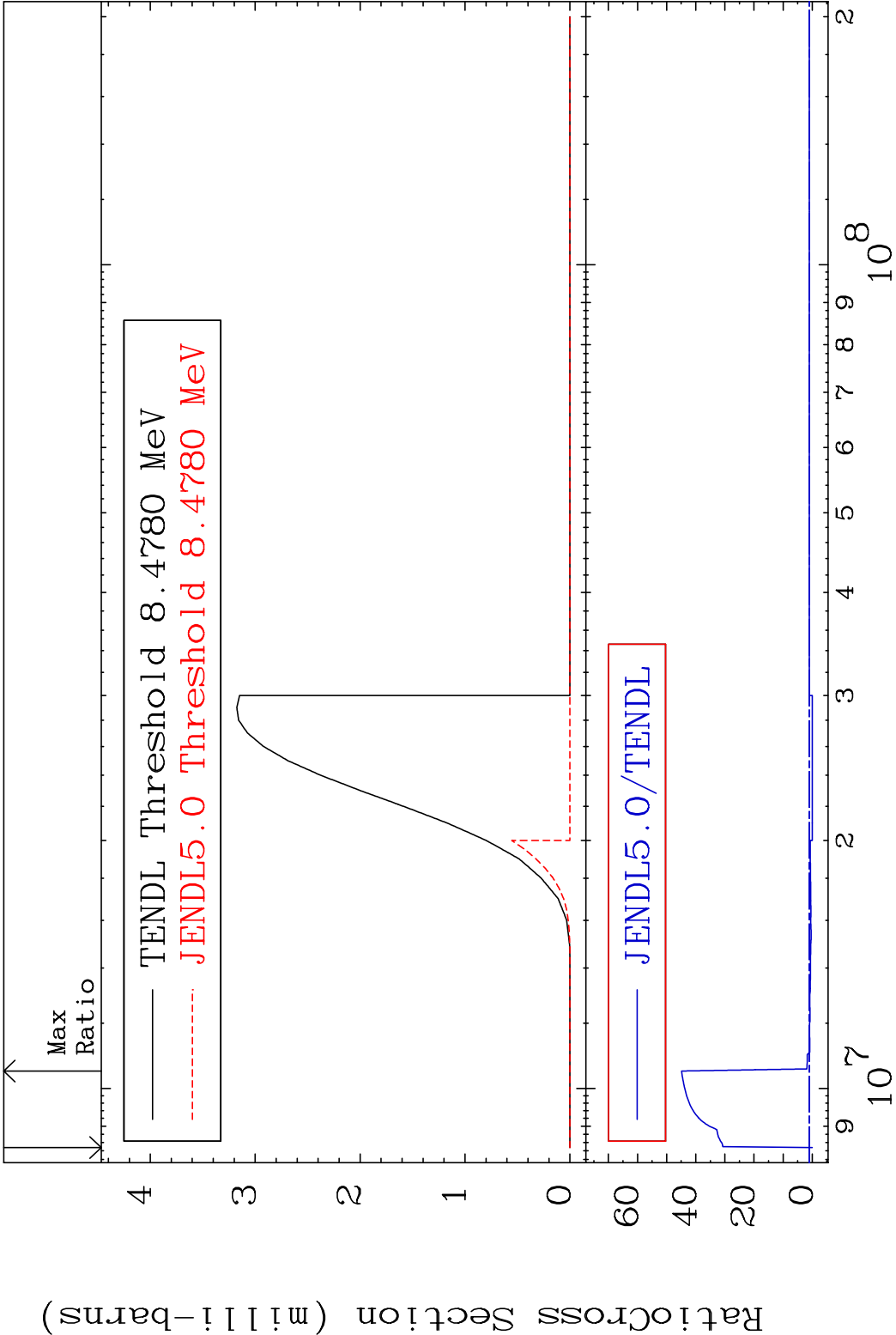


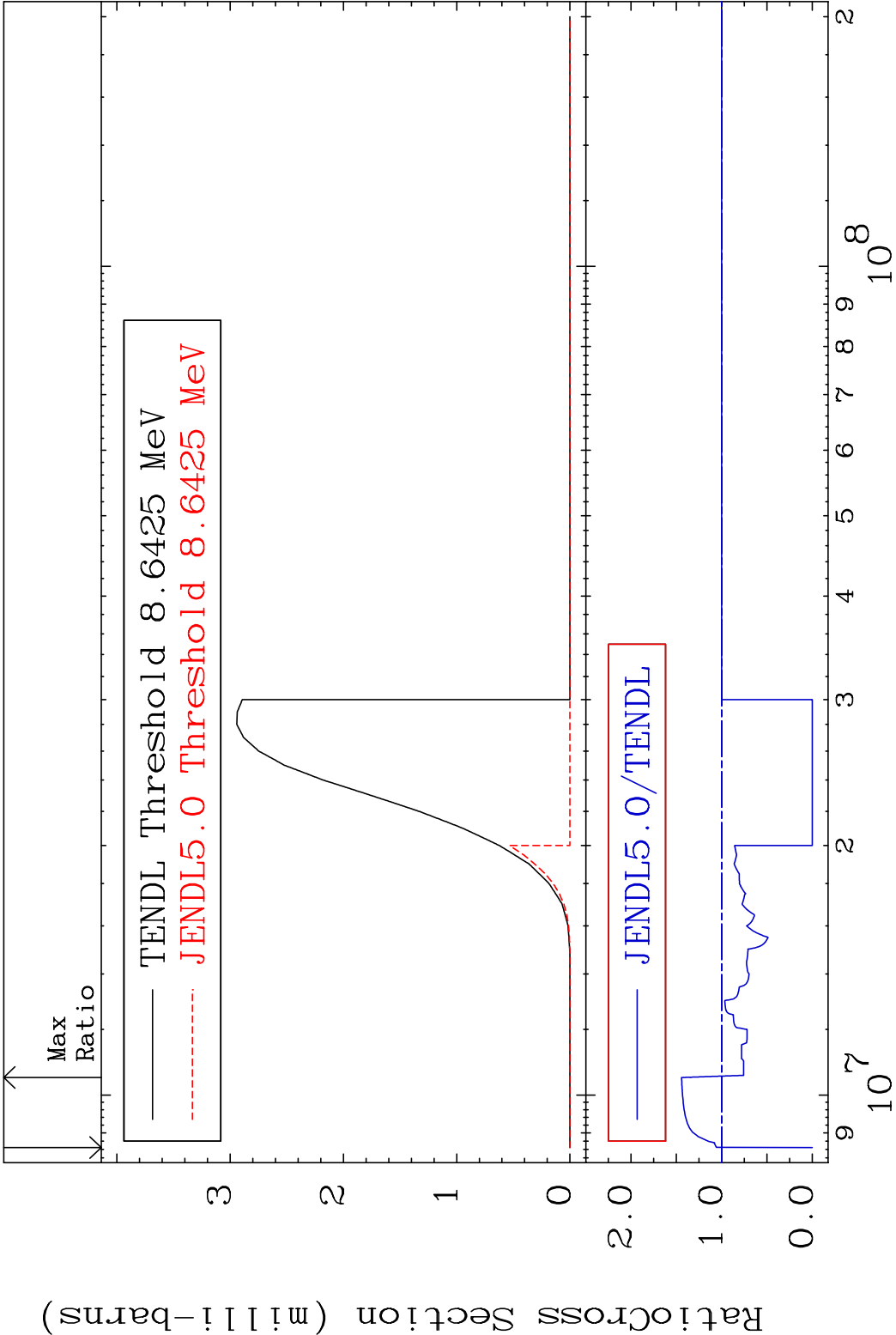


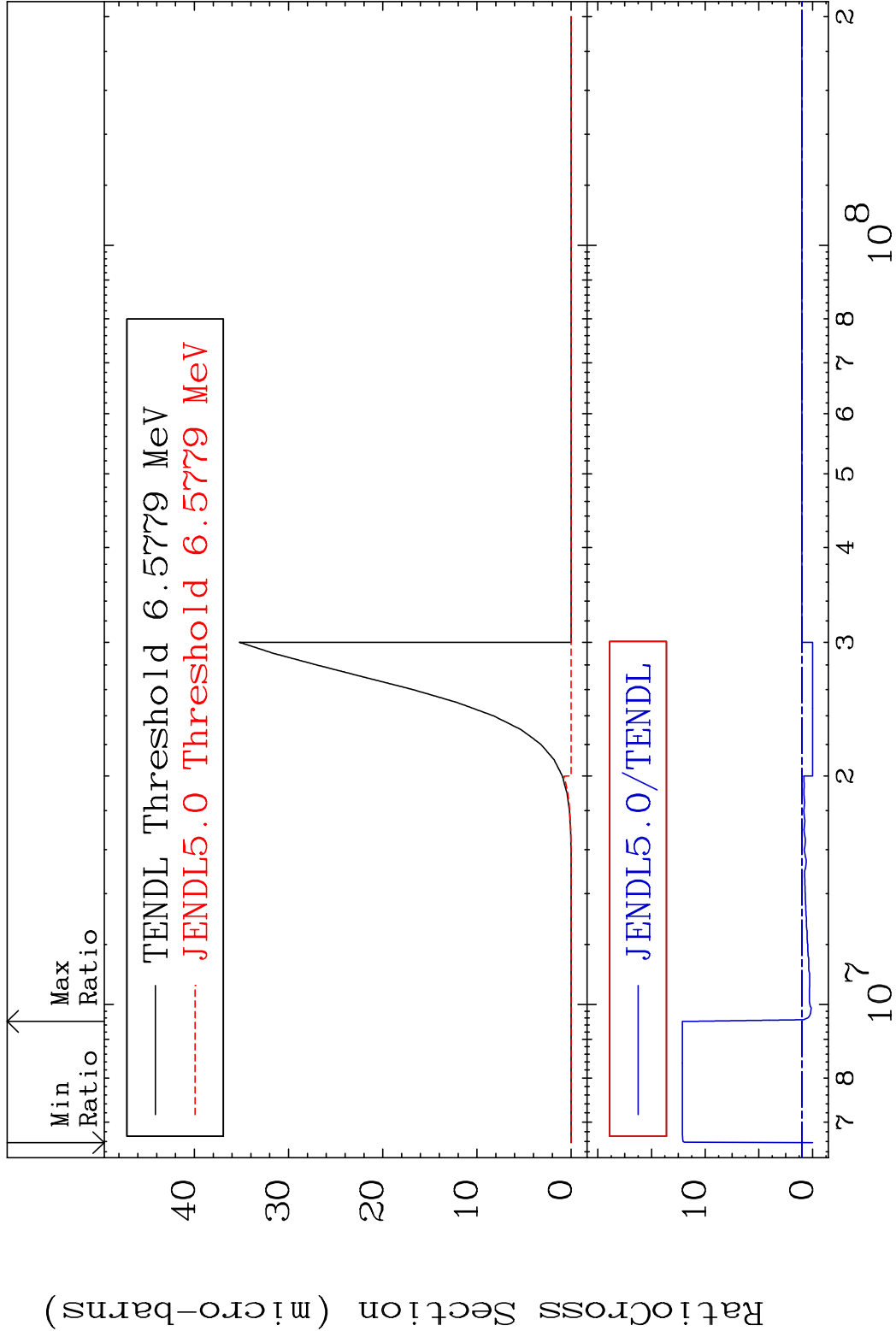










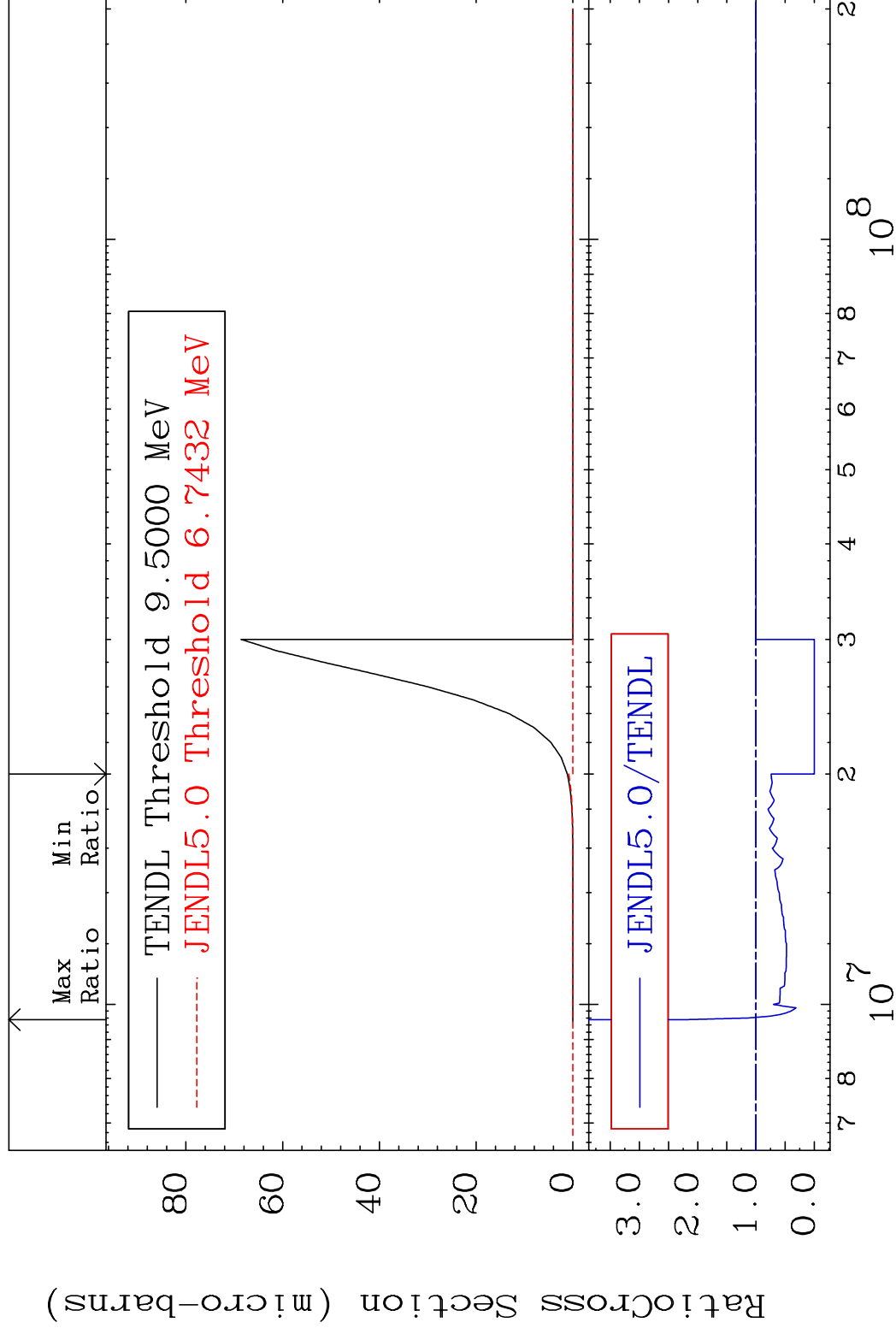


MAT 5631

$$(n, 2p): 54\text{-Xe-}131\text{m}2$$

56-Ba-132

Radionuclide	Production Cross-Section	Decay	Half-life	123.4 %
...	...	...	...	...



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Incident Energy (eV)

56-Ba-132