

Program Complot
(Version 2021-1)

by

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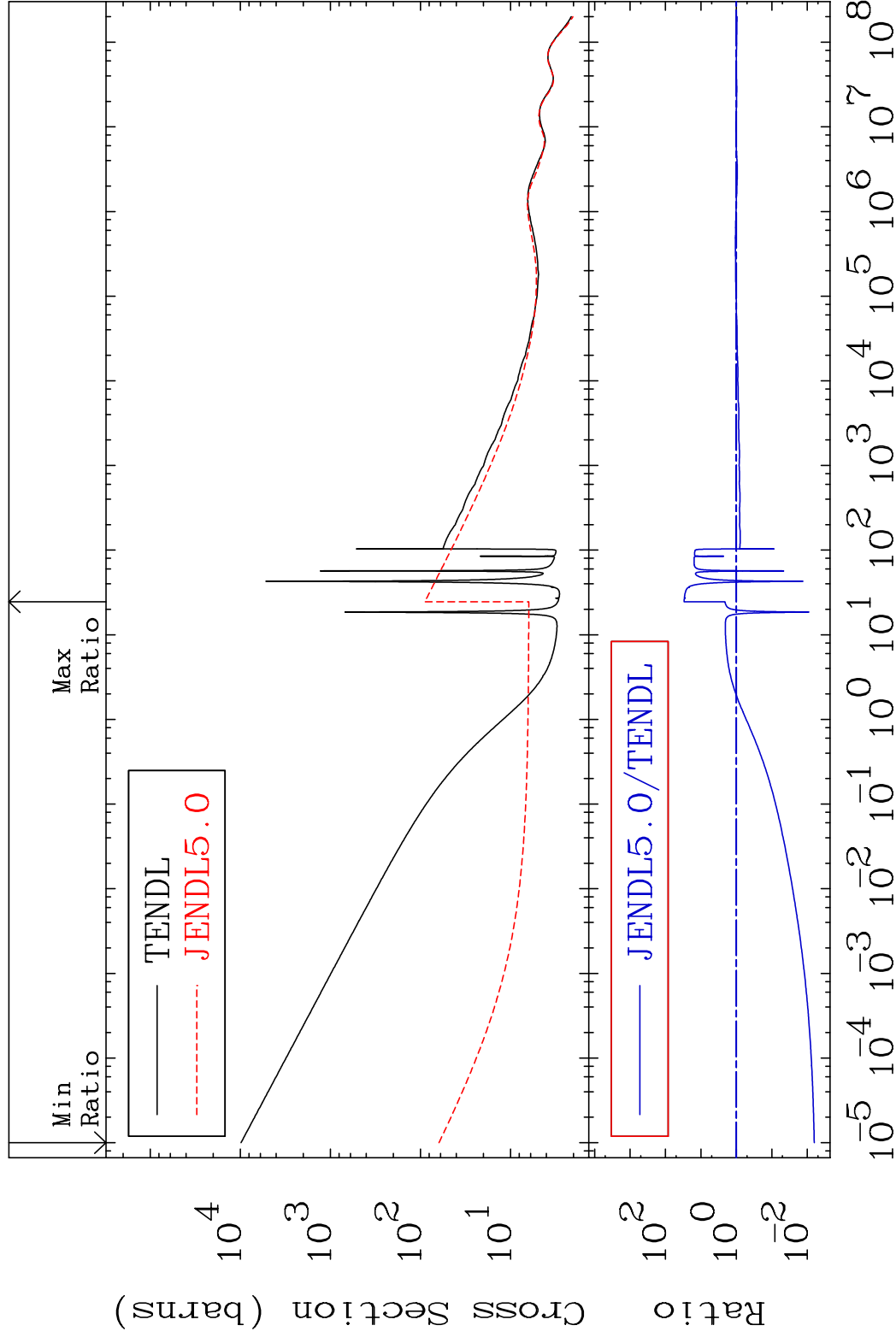
Press Mouse Button to Start

MAT 5442

Total

 $^{54}\text{Xe}-131\text{m}$

Cross Section -99.37 To 2895. %



1

Incident Energy (eV)

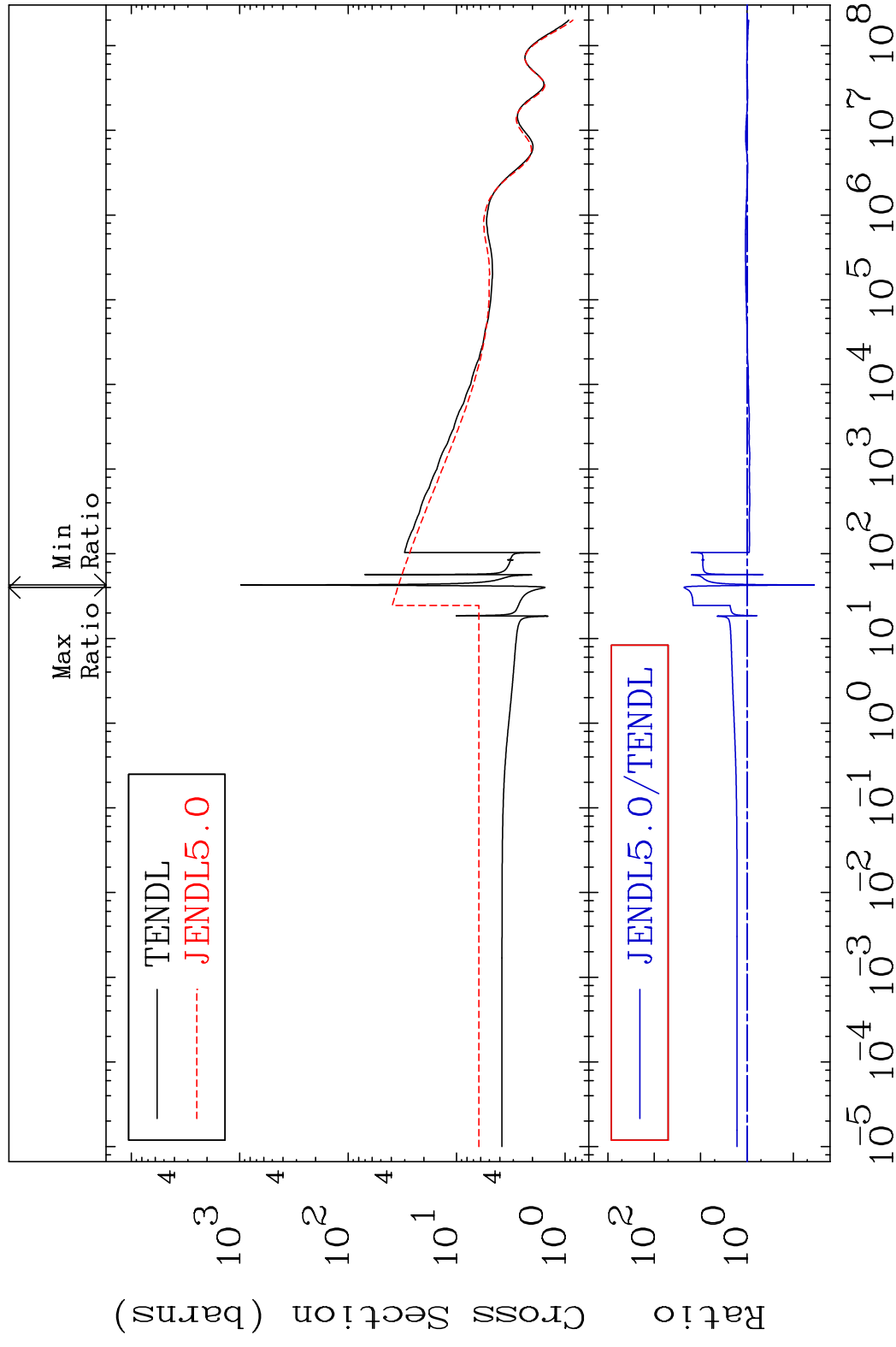
 $^{54}\text{Xe}-131\text{m}$

MAT 5442

Elastic

 $^{54}\text{Xe}-131\text{m}$

Cross Section -96.47 To 2177. %



2

Incident Energy (eV)

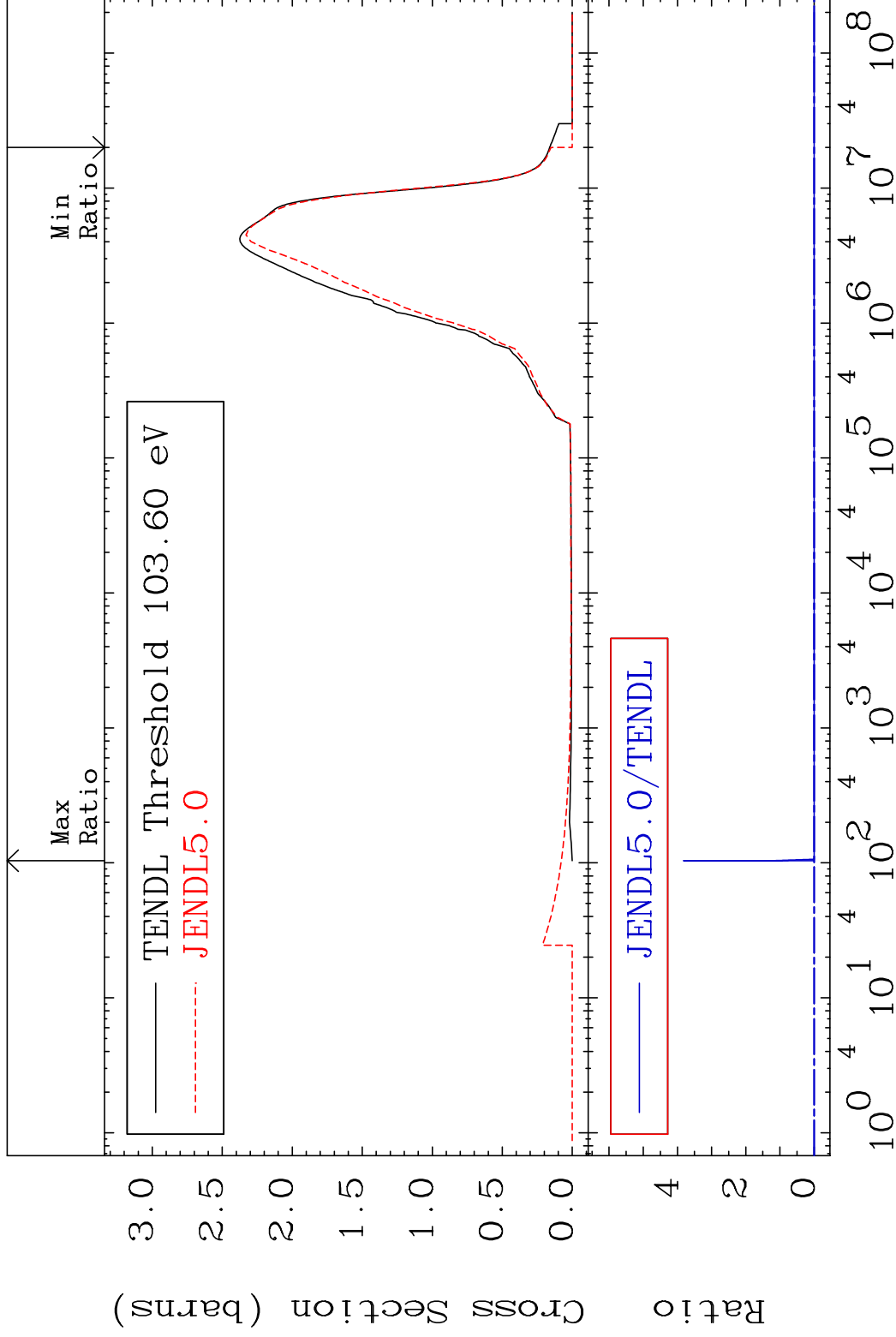
 $^{54}\text{Xe}-131\text{m}$

MAT 5447

Inelastic

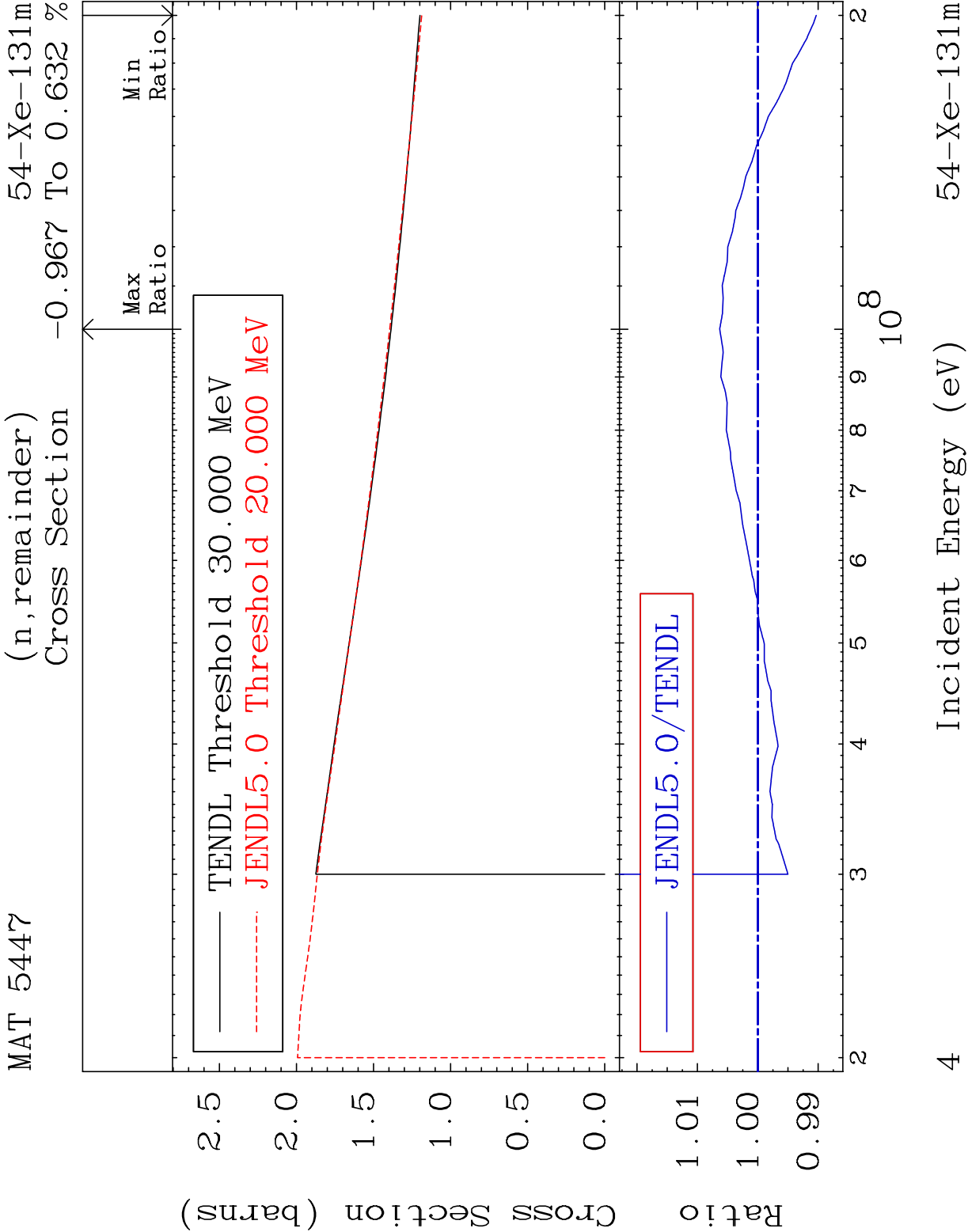
54-Xe-131m

Cross Section -100.0 To 9999. %



Incident Energy (eV)

54-Xe-131m

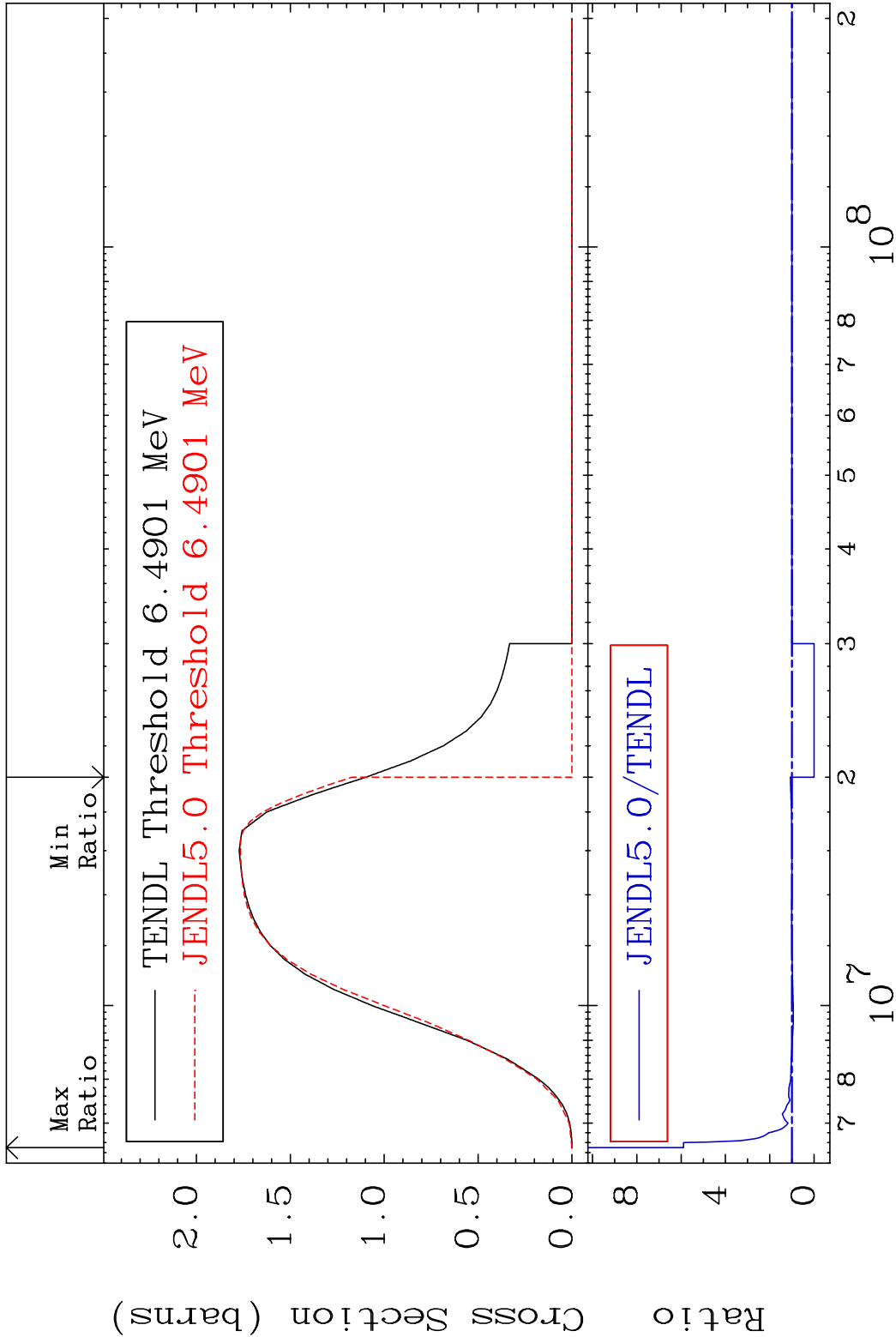


MAT 5447

(n,2n)

54-Xe-131m

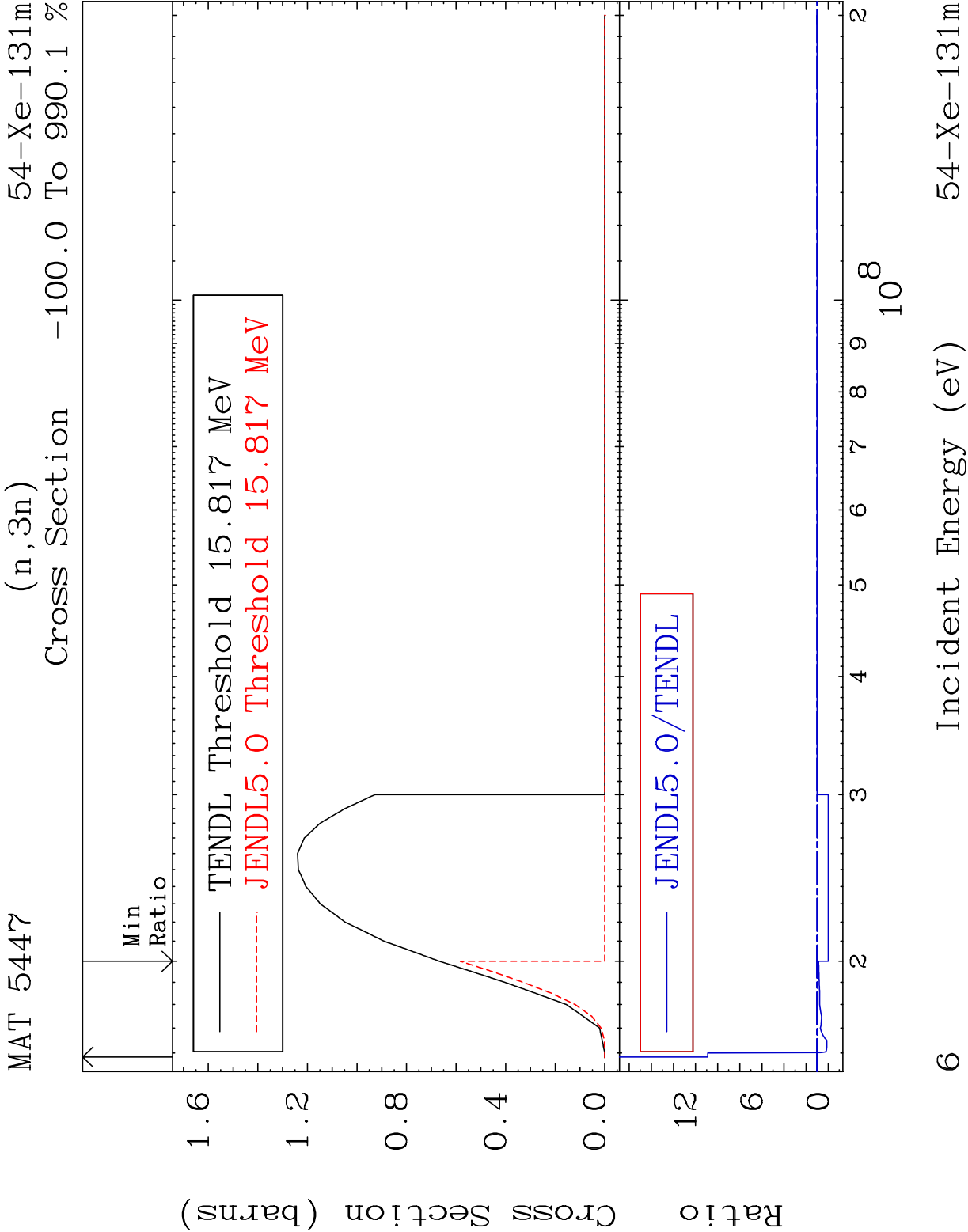
Cross Section -100.0 To 489.6 %

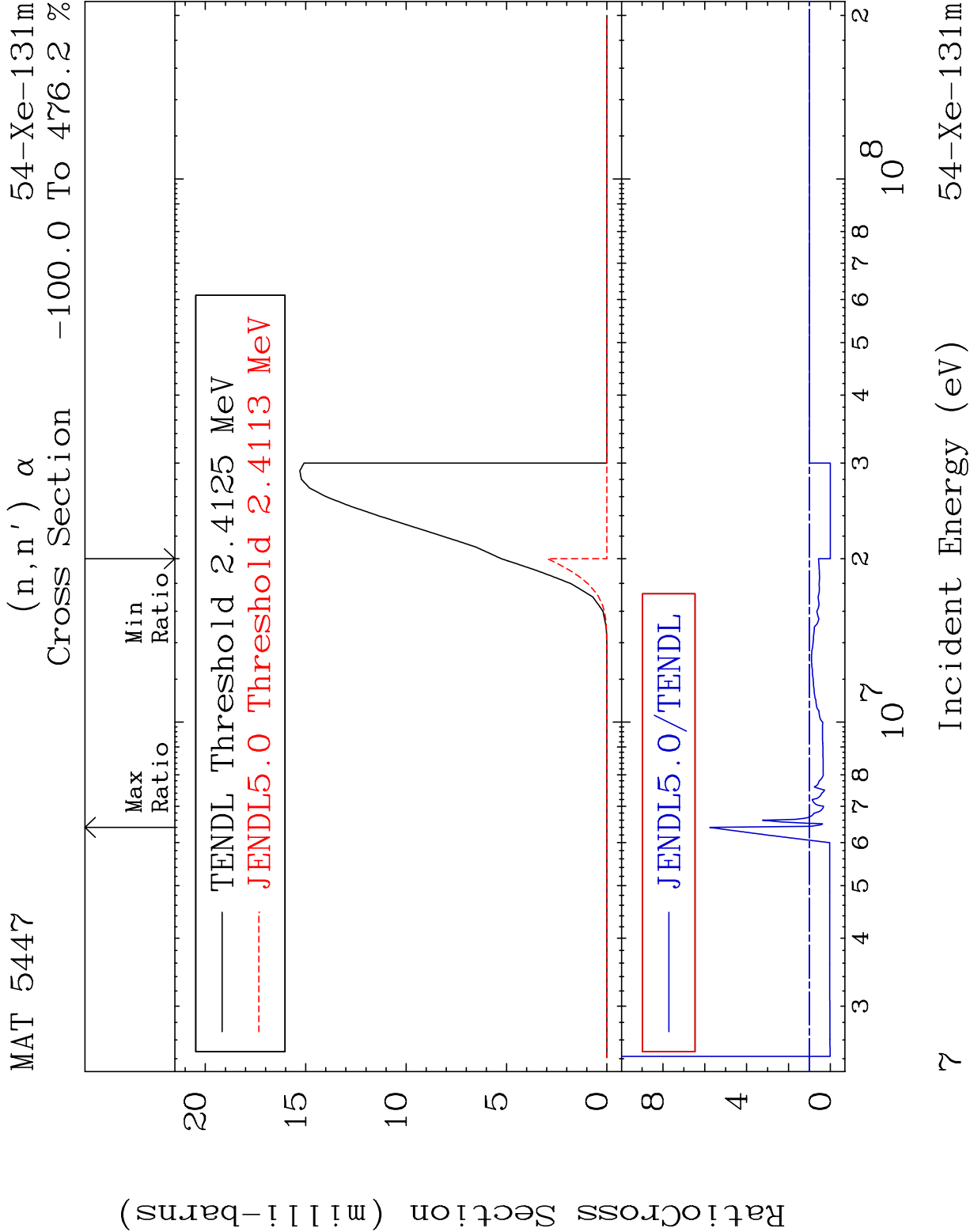


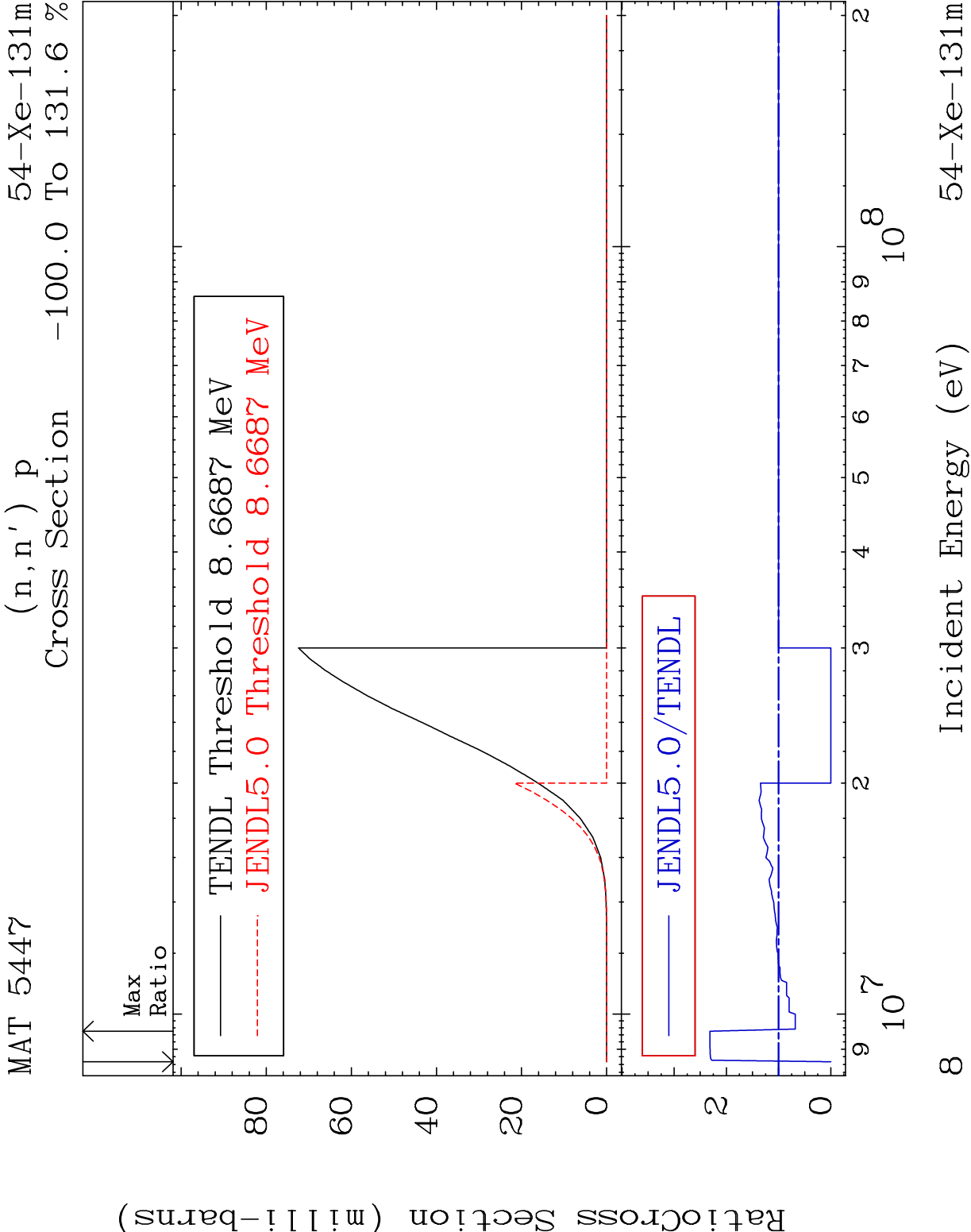
5

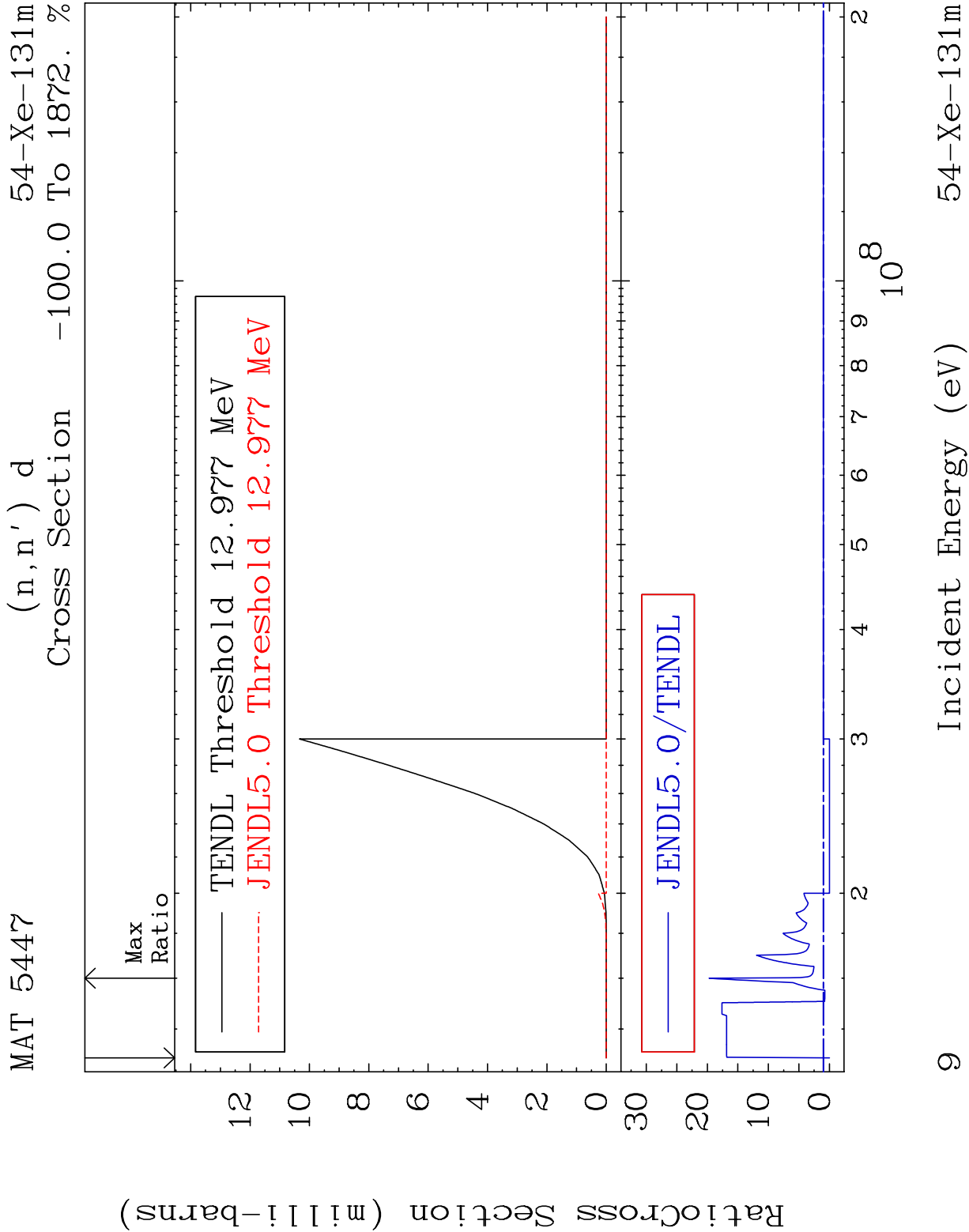
Incident Energy (eV)

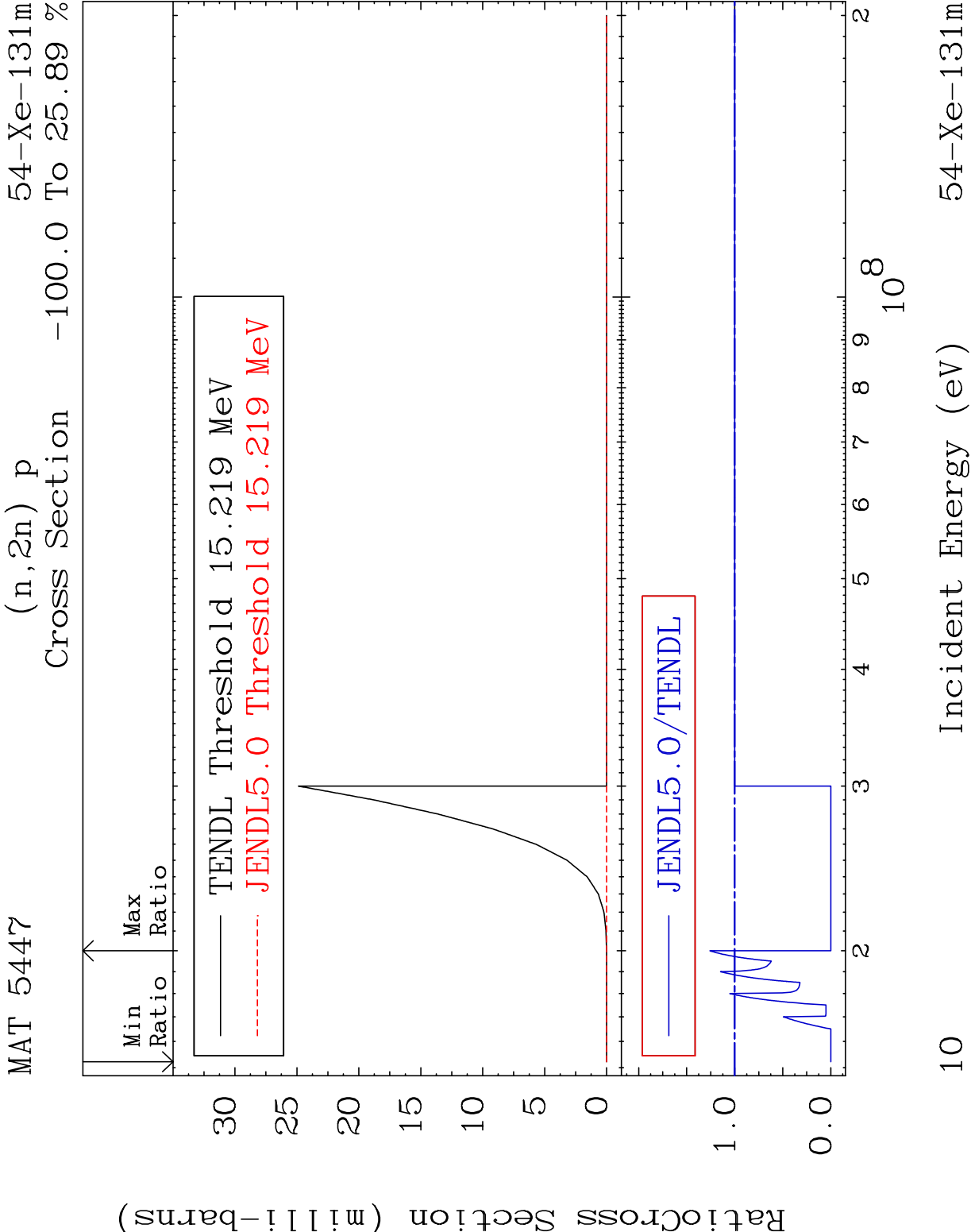
54-Xe-131m

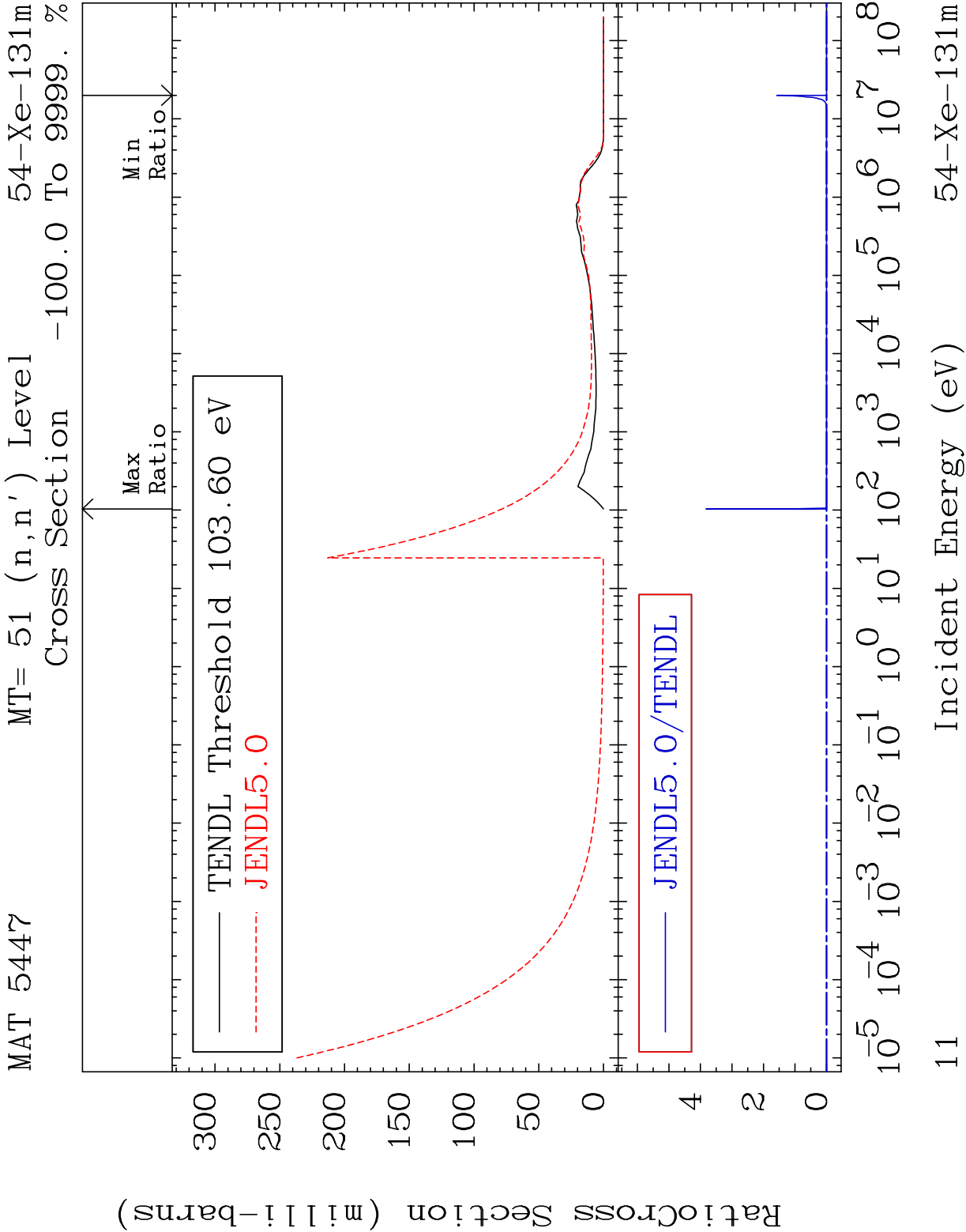




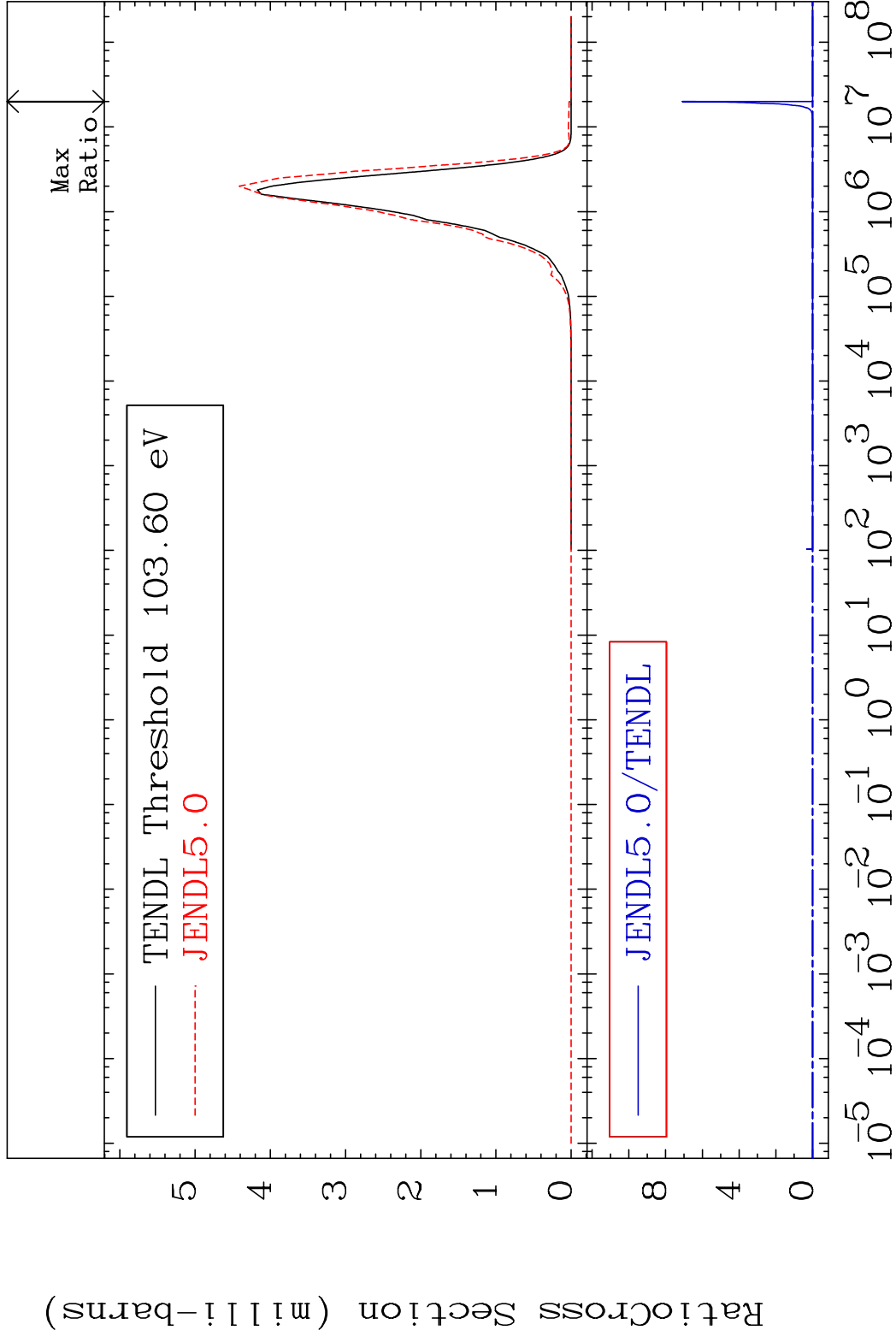








MAT 5447 MT= 52 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %



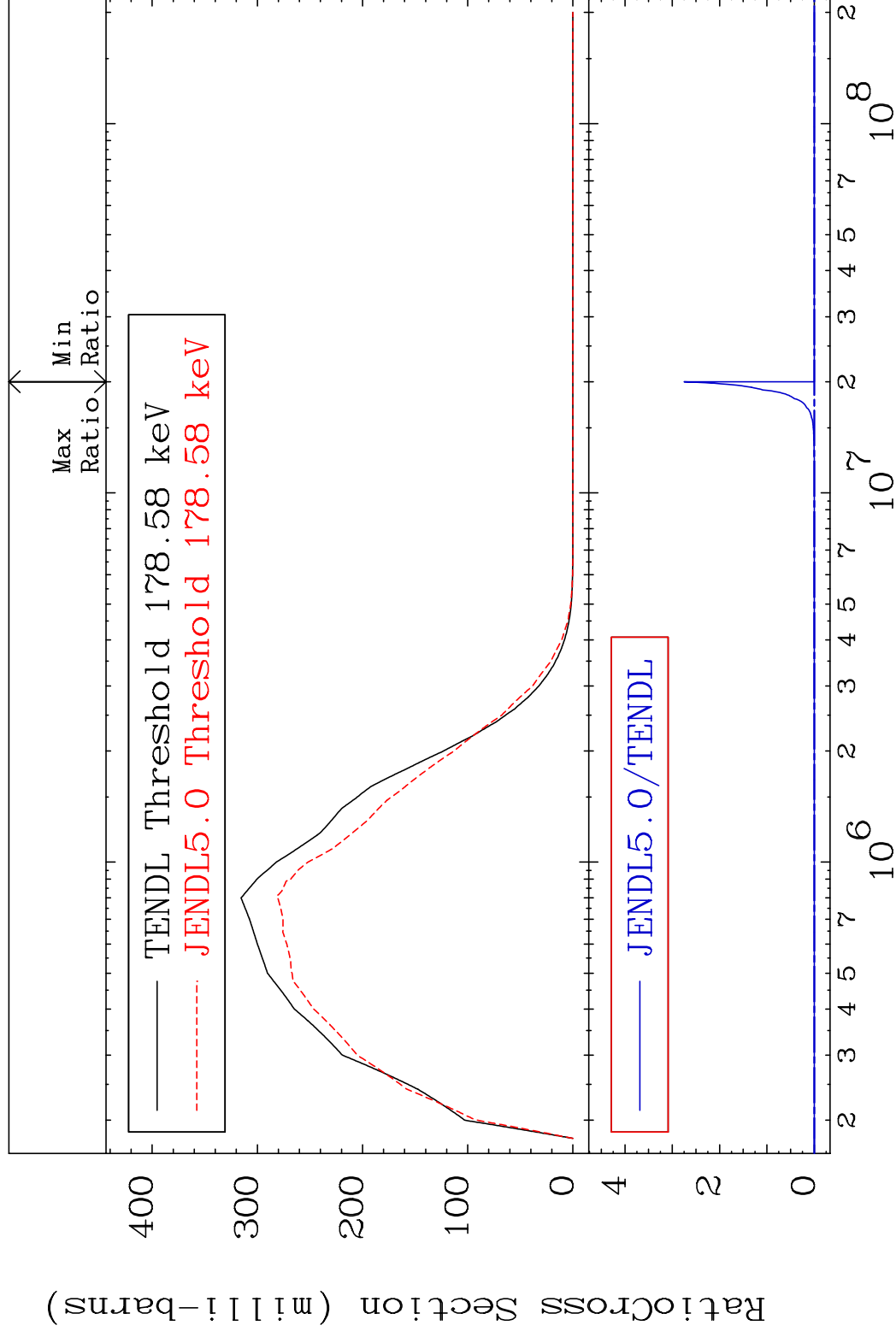
12 Incident Energy (eV) 54-Xe-131m

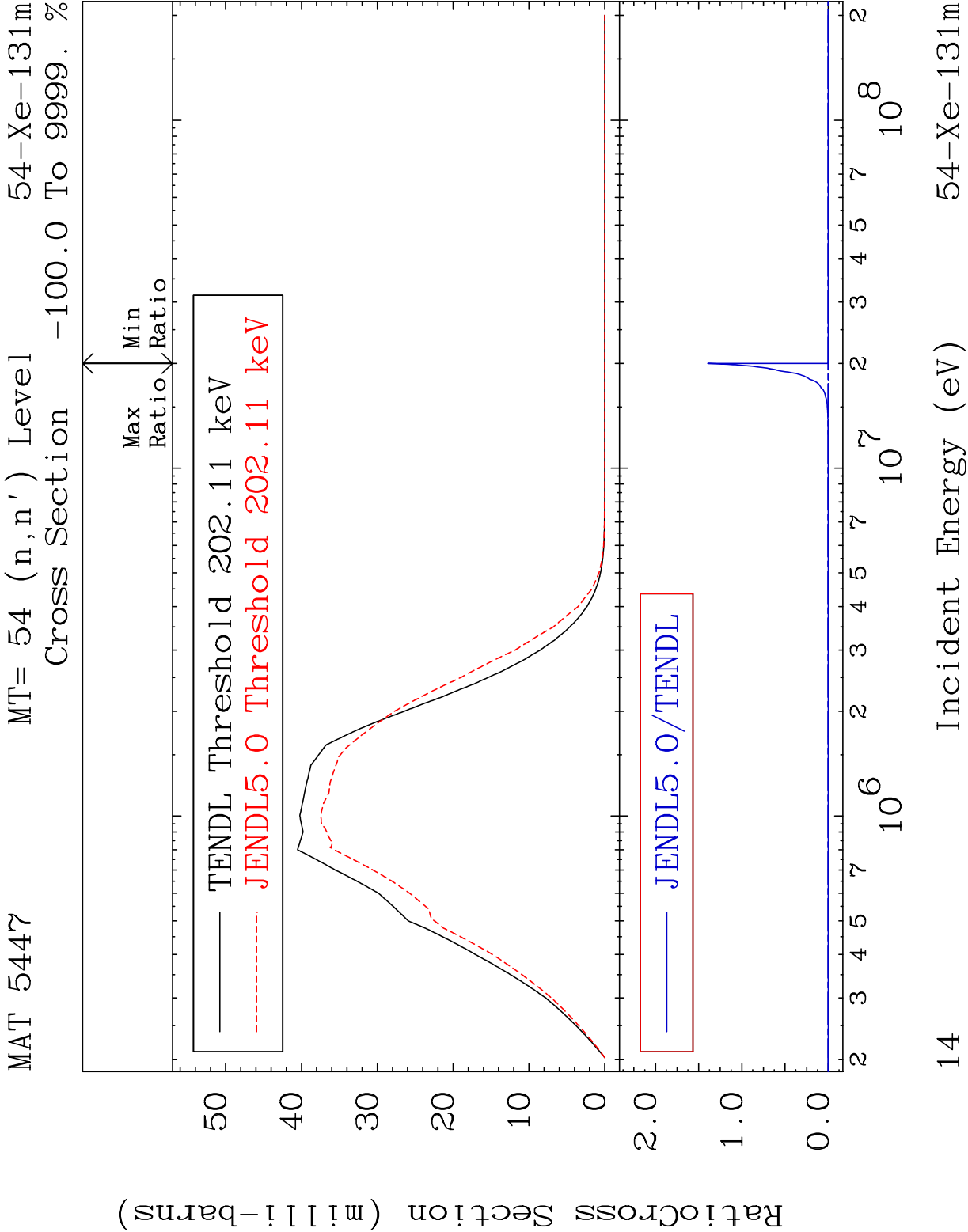
MAT 5442

MT= 53 (n, n') Level

 $^{54}\text{-Xe-131m}$

Cross Section -100.0 To 9999. %



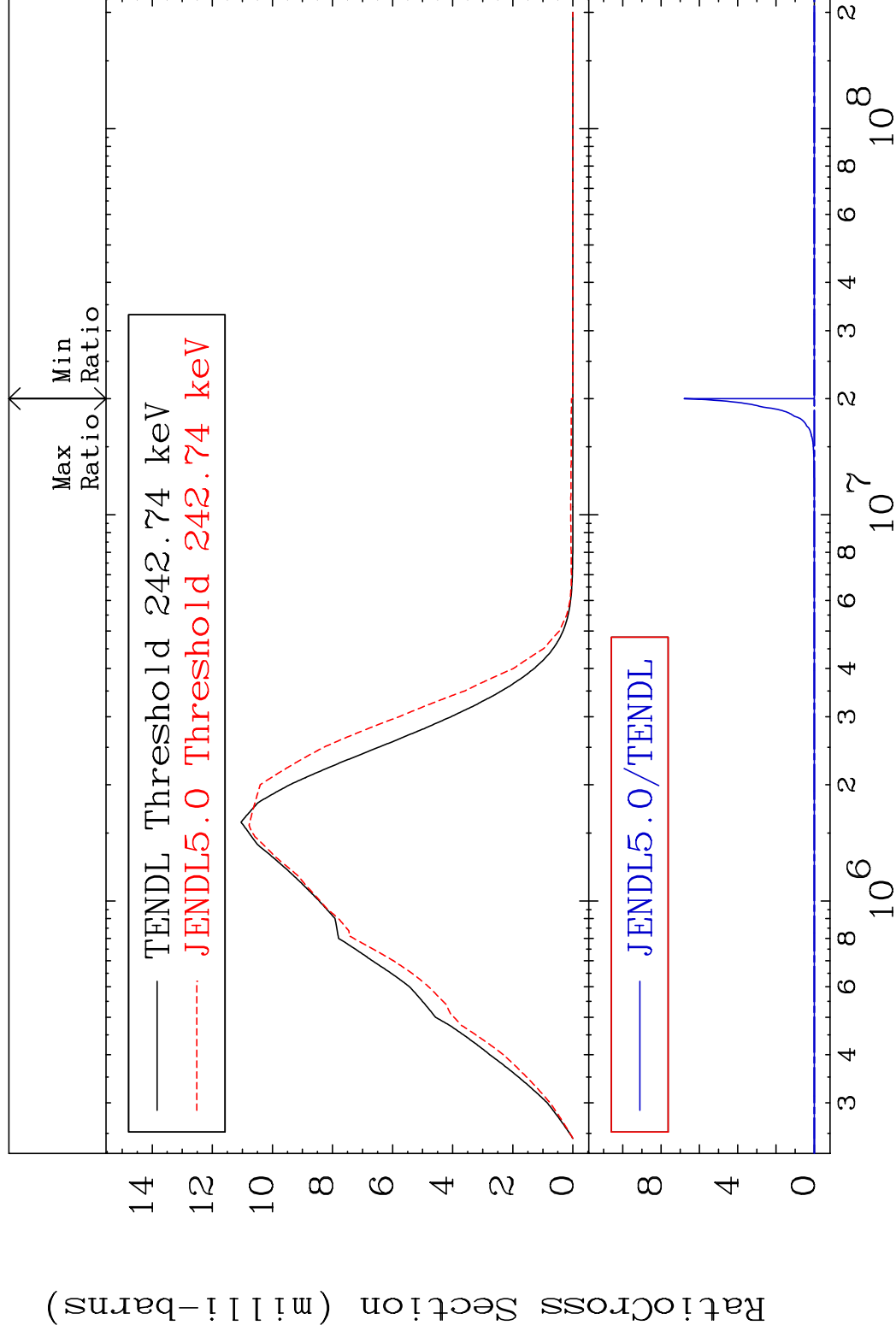


MAT 5447

MT= 55 (n, n') Level

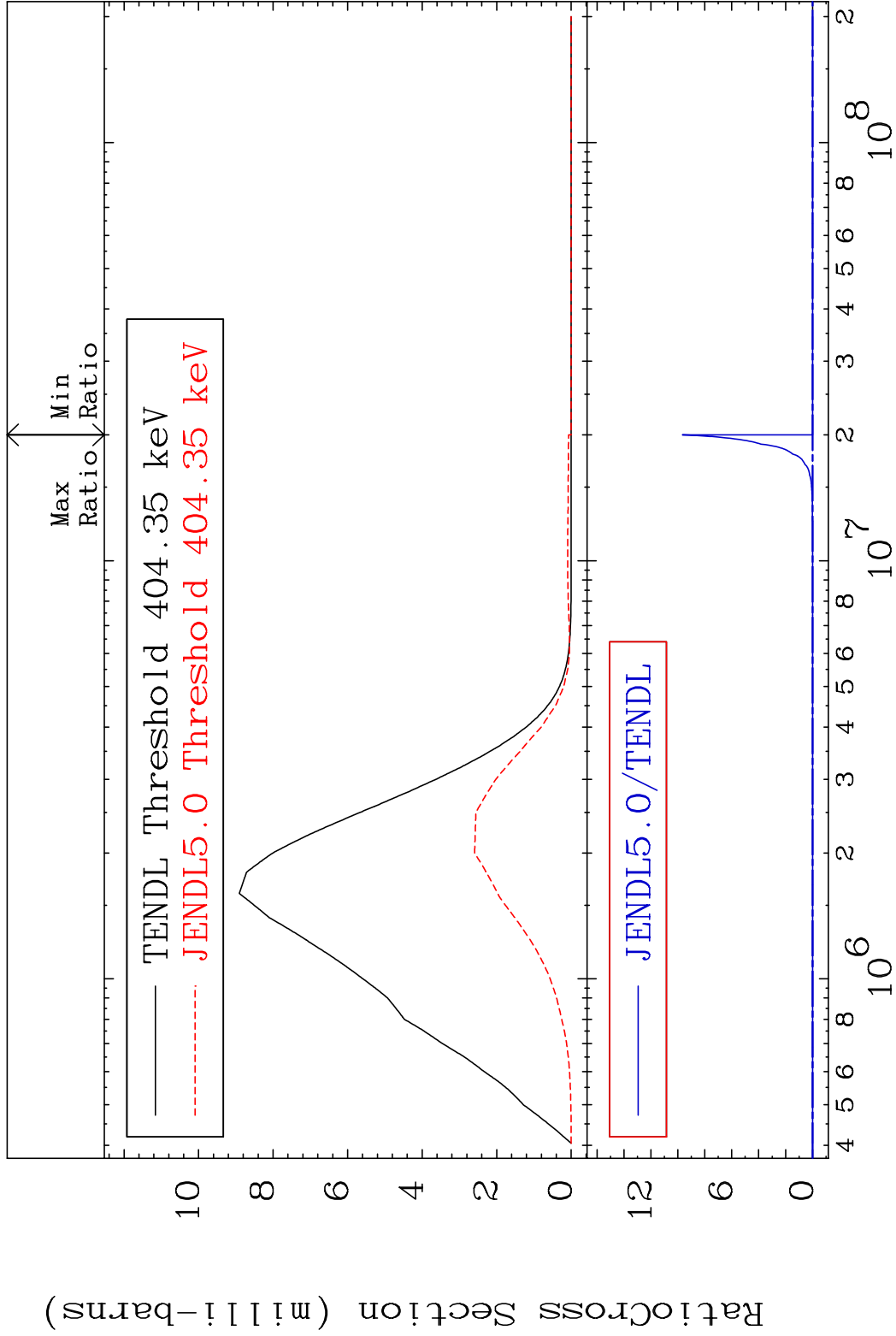
 $^{54}\text{Xe}-131\text{m}$

Cross Section -100.0 To 9999. %

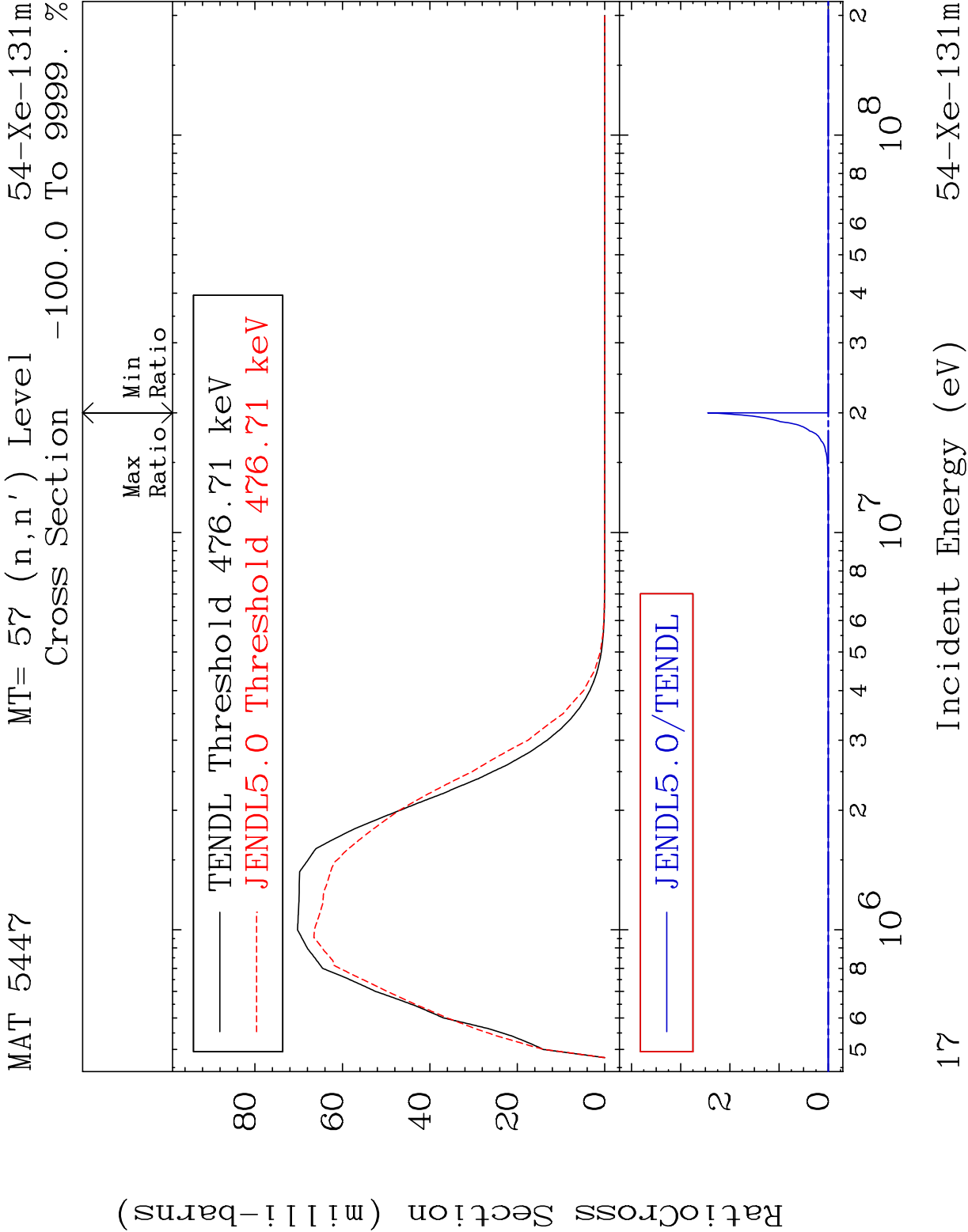


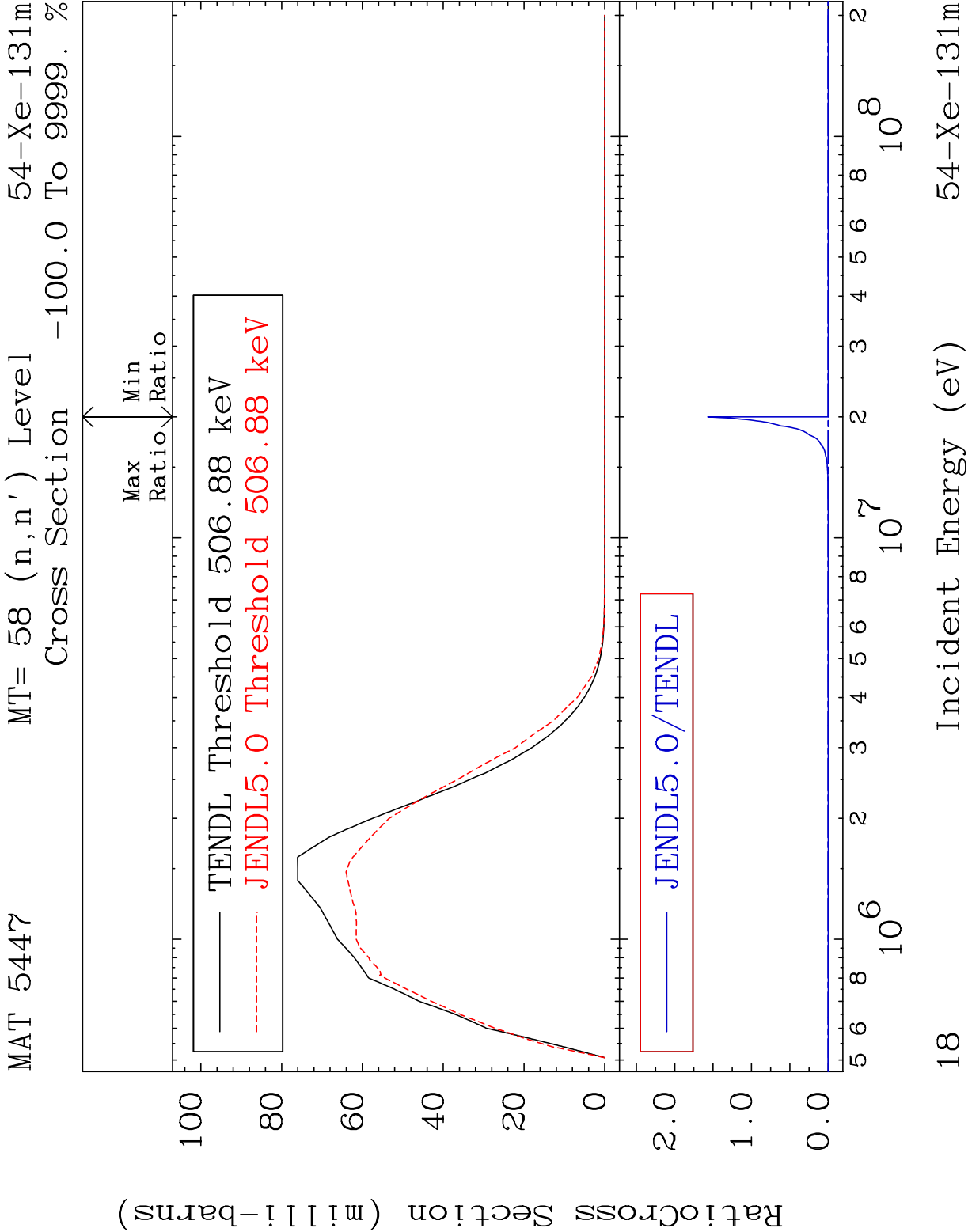
MAT 5447 MT= 56 (n,n') Level 54-Xe-131m

Cross Section -100.0 To 9999. %

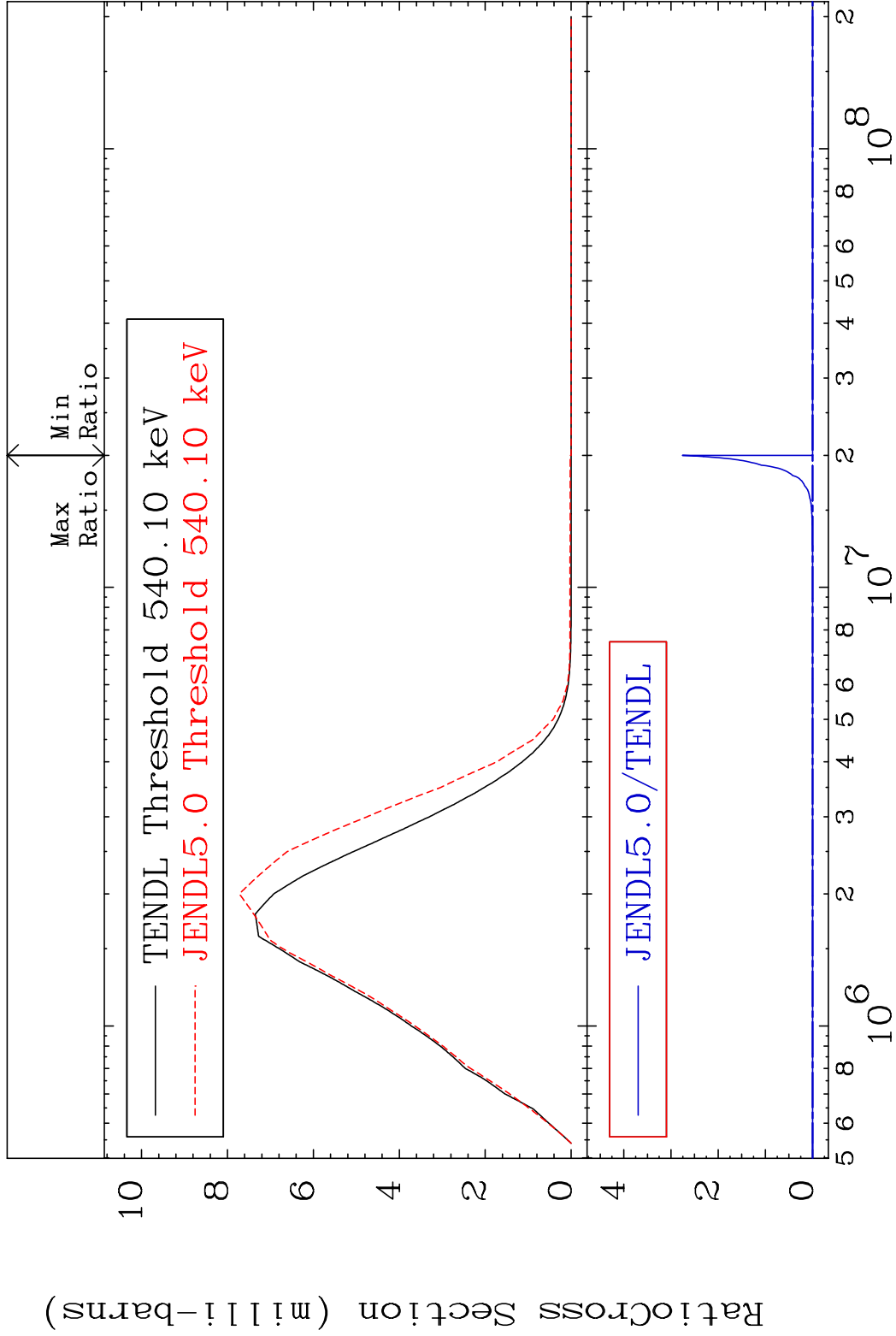


16 Incident Energy (eV) 54-Xe-131m

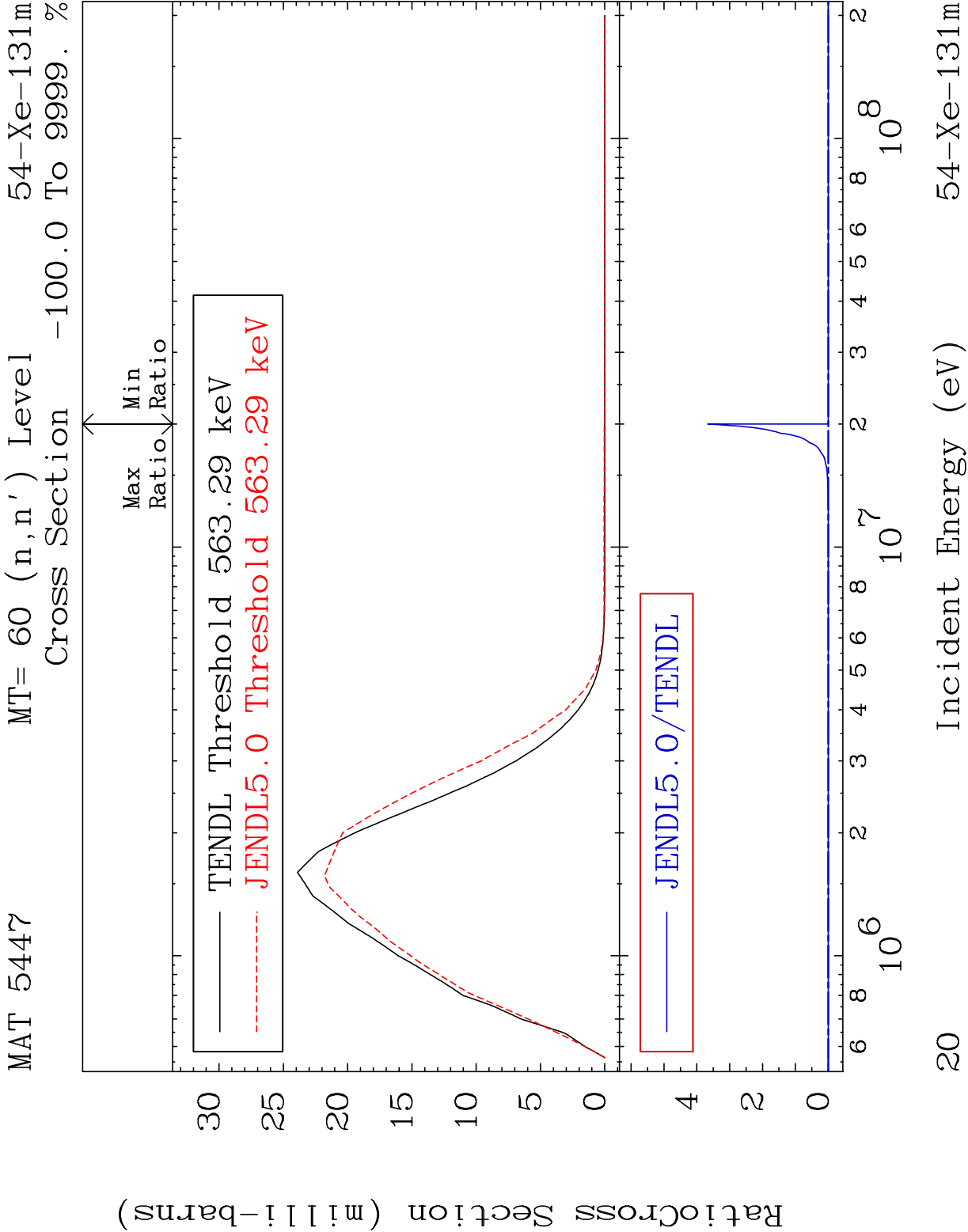




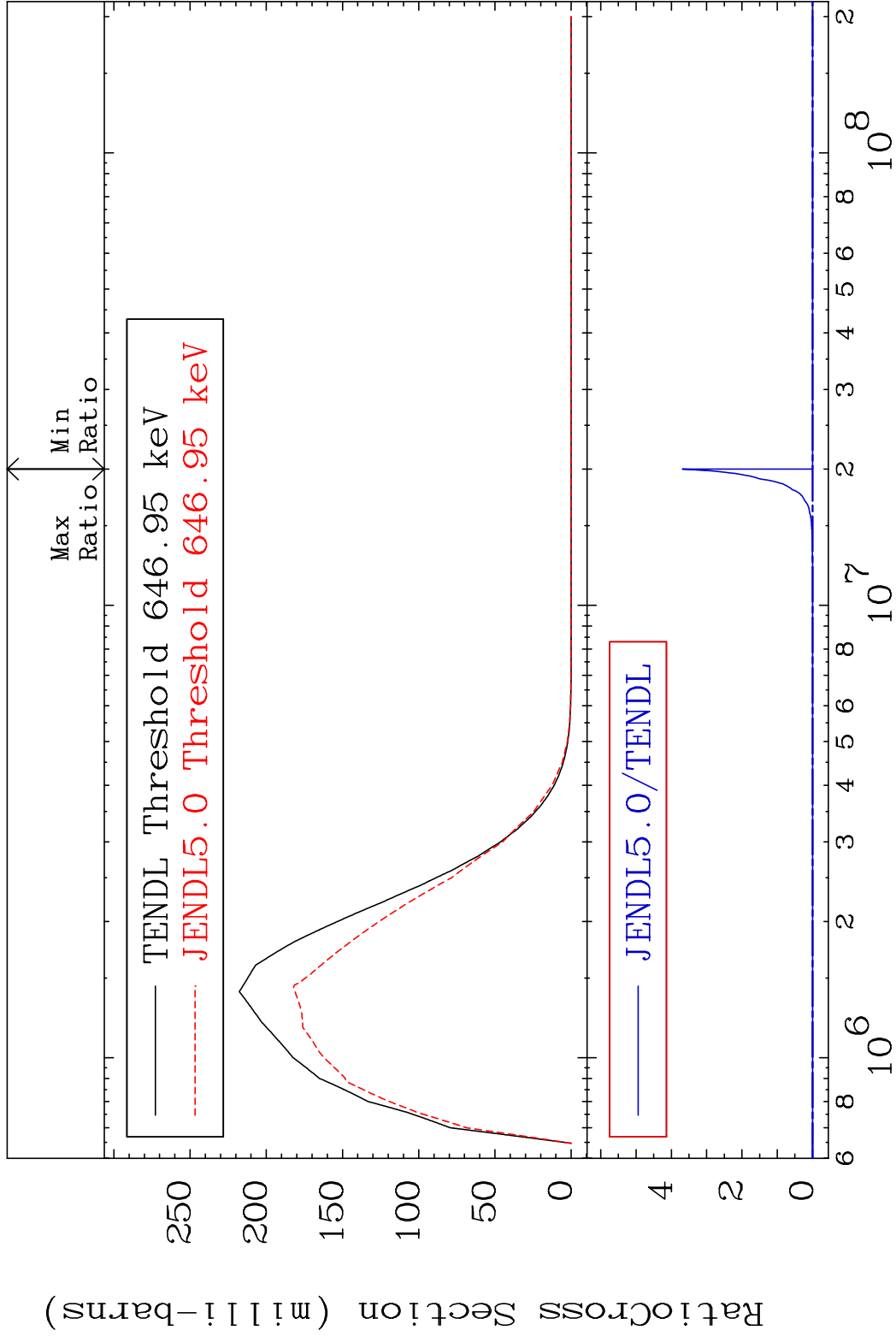
MAT 5447 MT= 59 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %



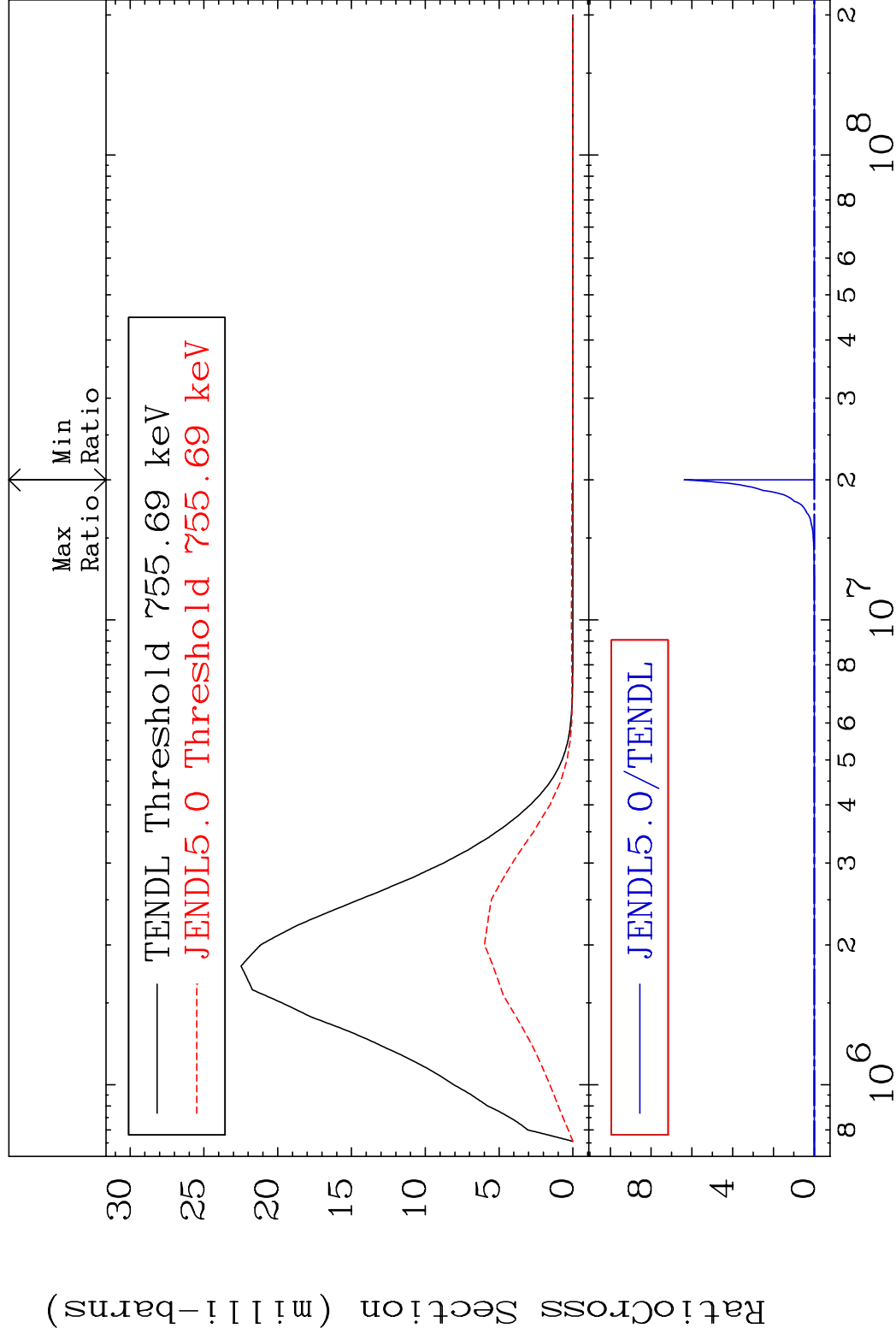
19 Incident Energy (eV) 54-Xe-131m



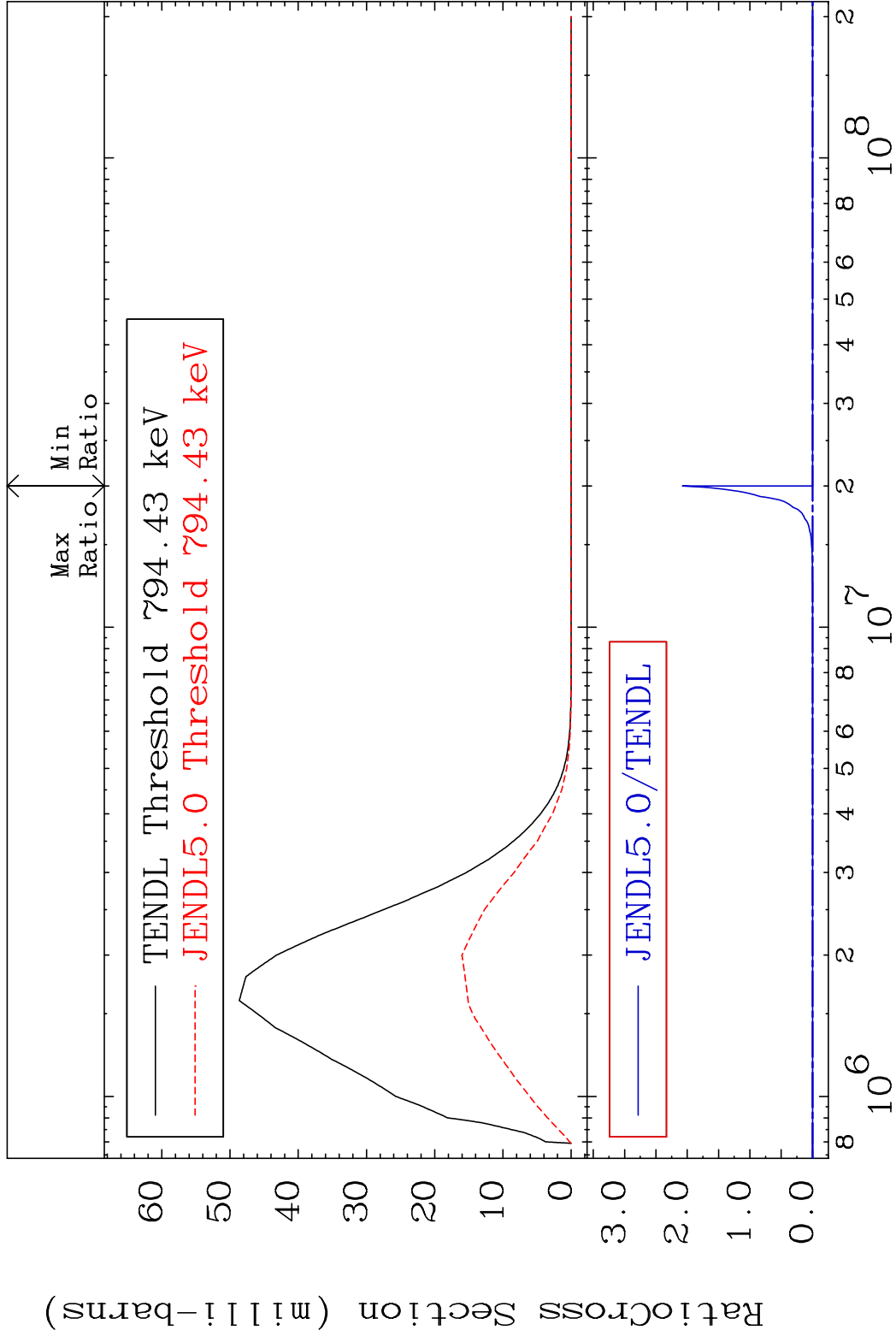
MAT 5447 MT= 61 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %

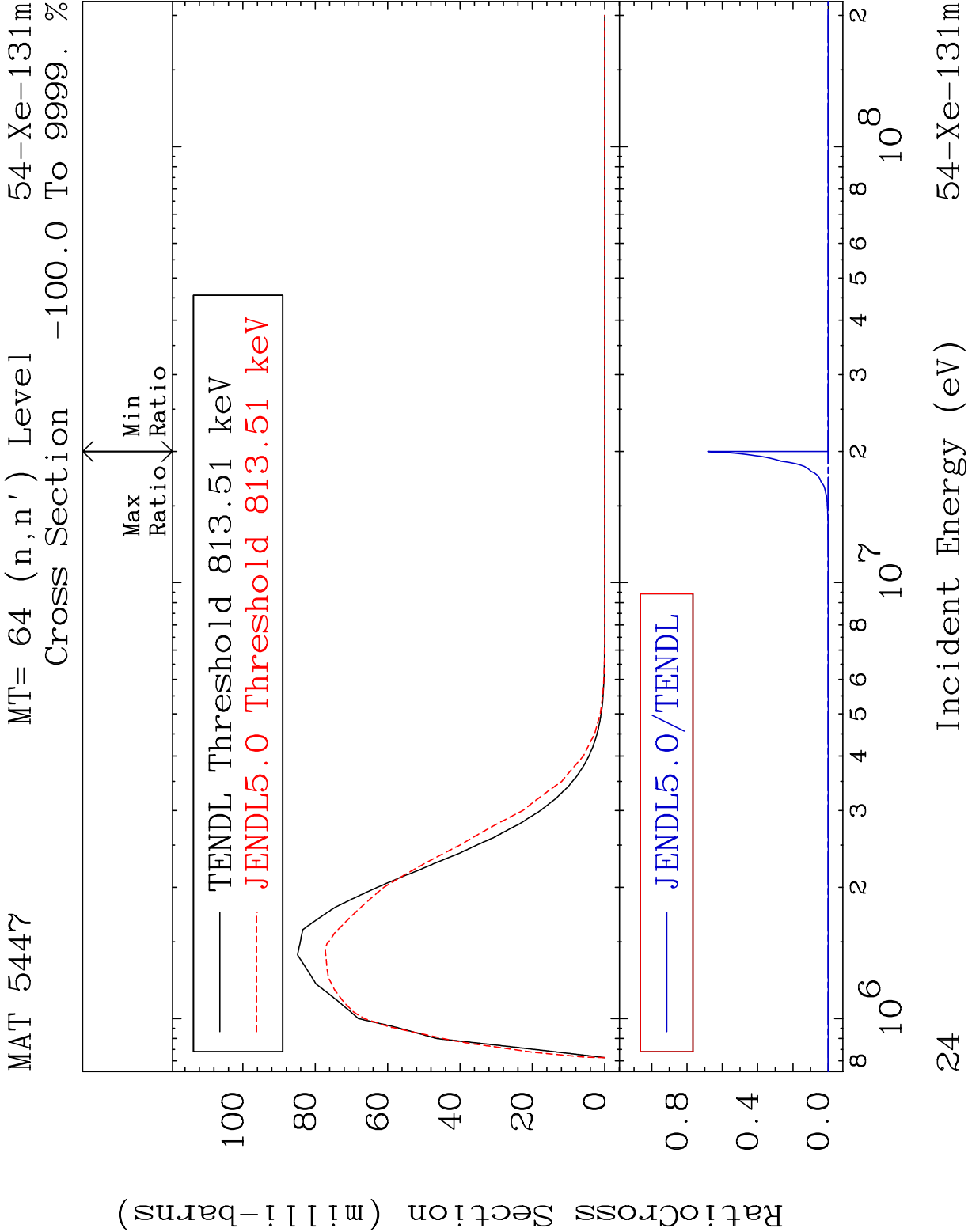


MAT 5447	MT= 62 (n, n') Level	54-Xe-131m
	Cross Section	-100.0 To 9999. %

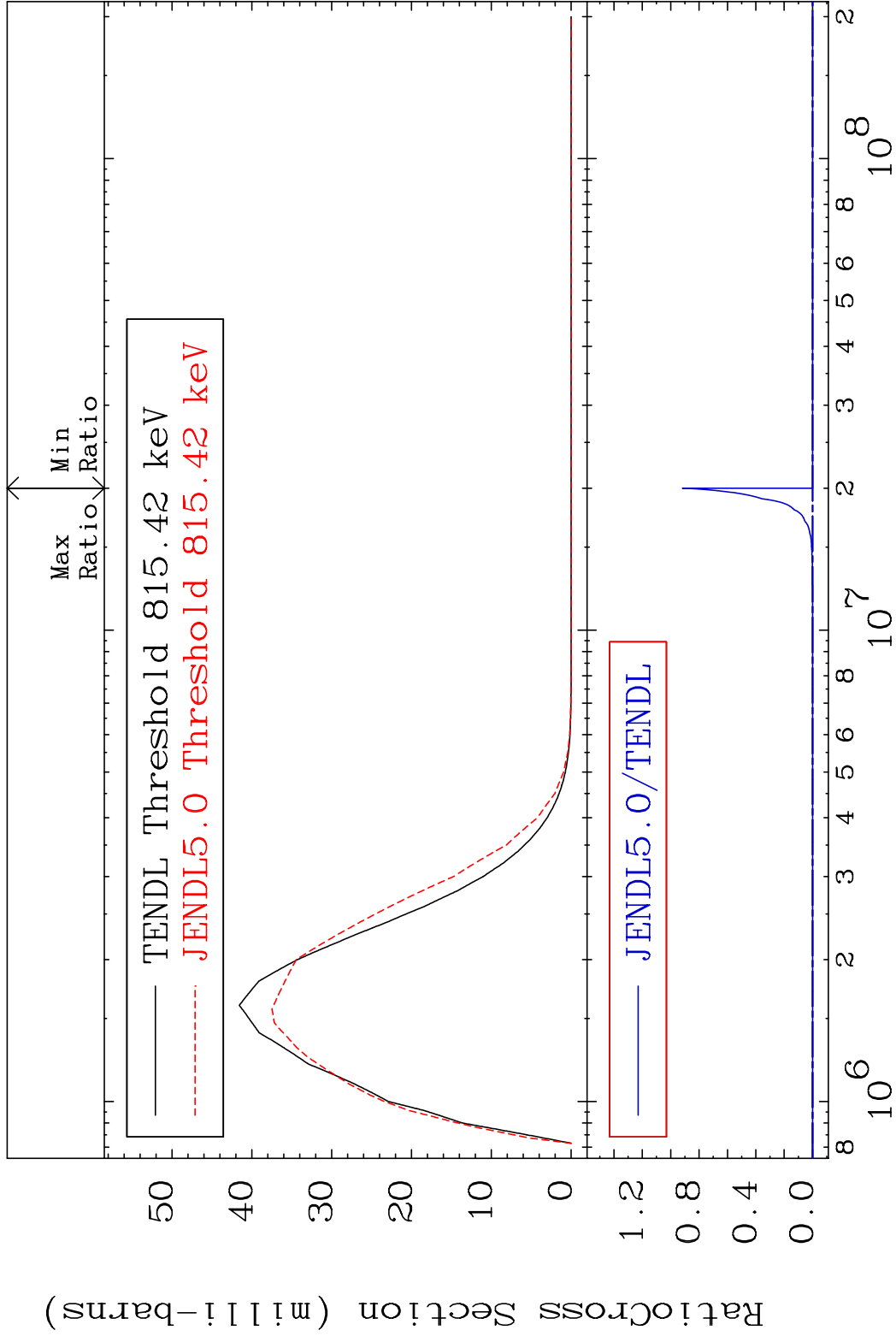


MAT 5447 MT= 63 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %

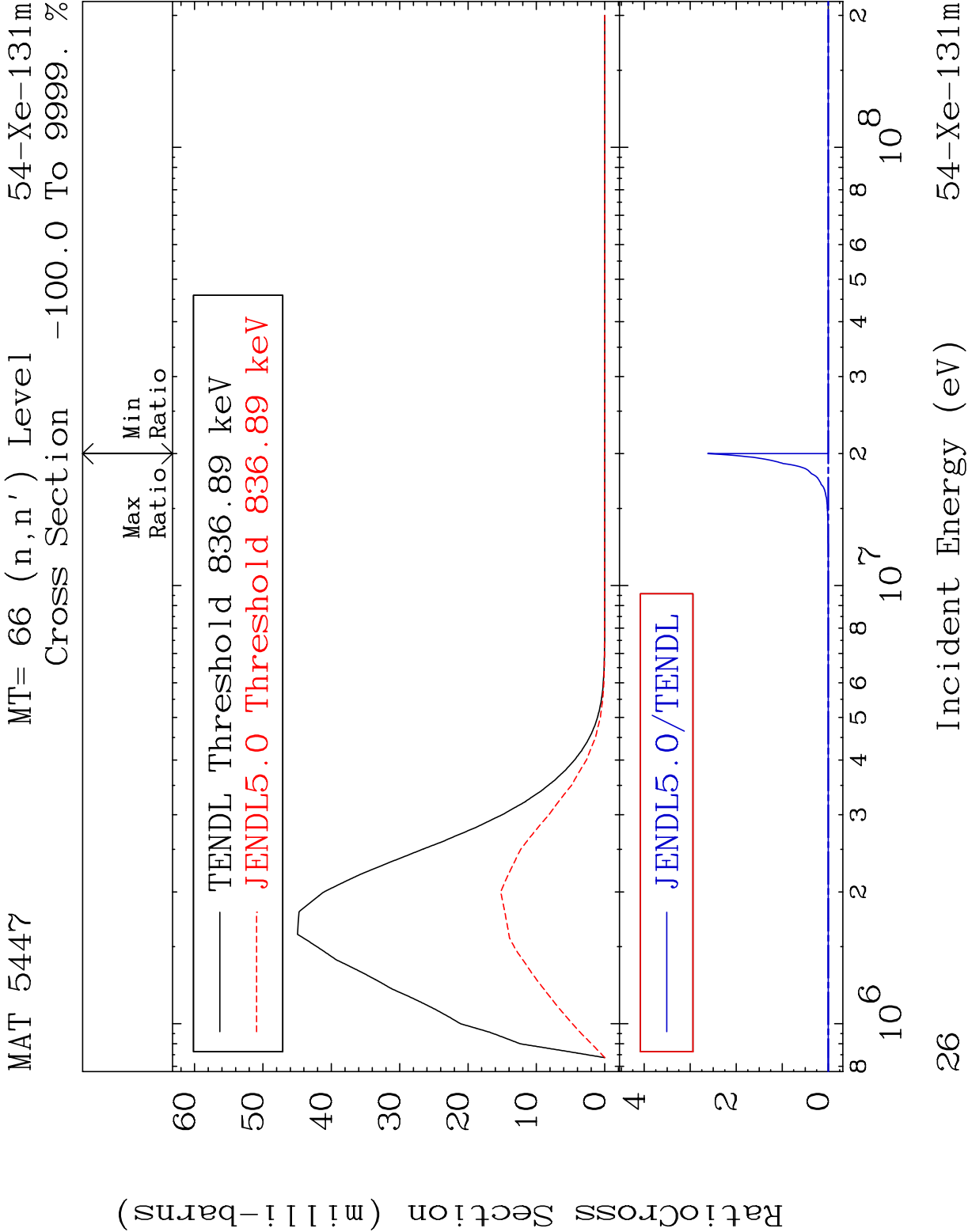




MAT 5447 MT= 65 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %



25 Incident Energy (eV) 54-Xe-131m

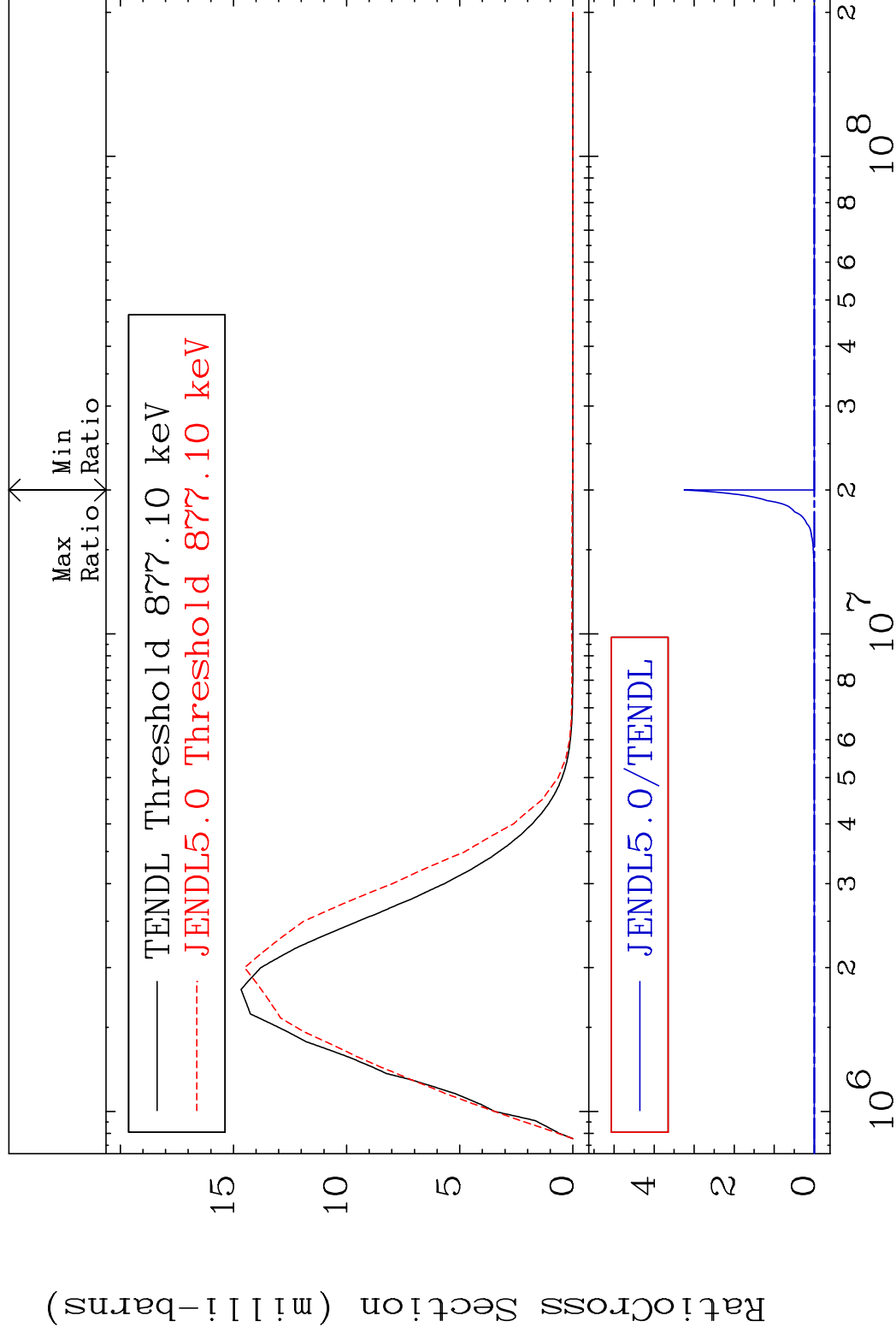


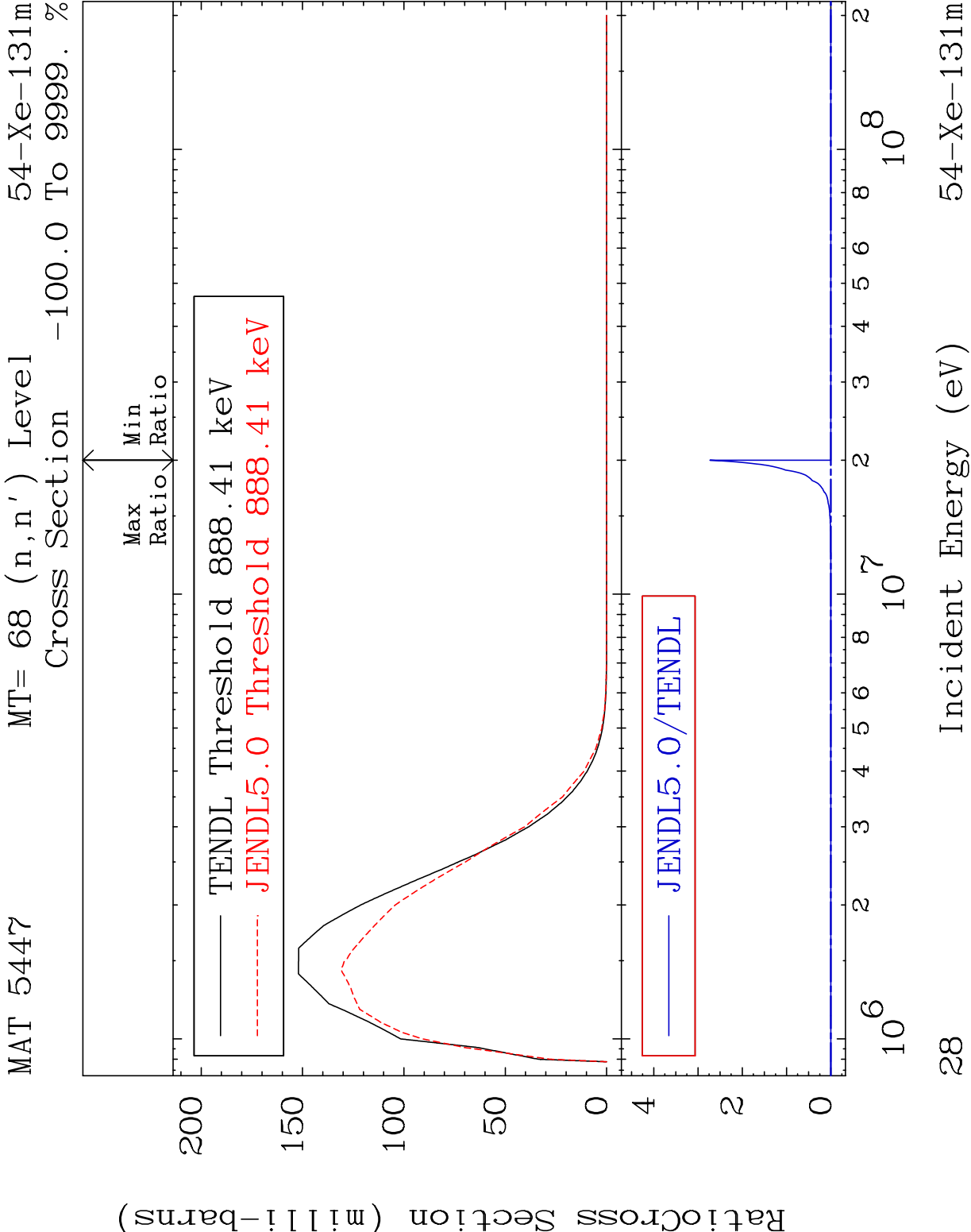
MAT 5447

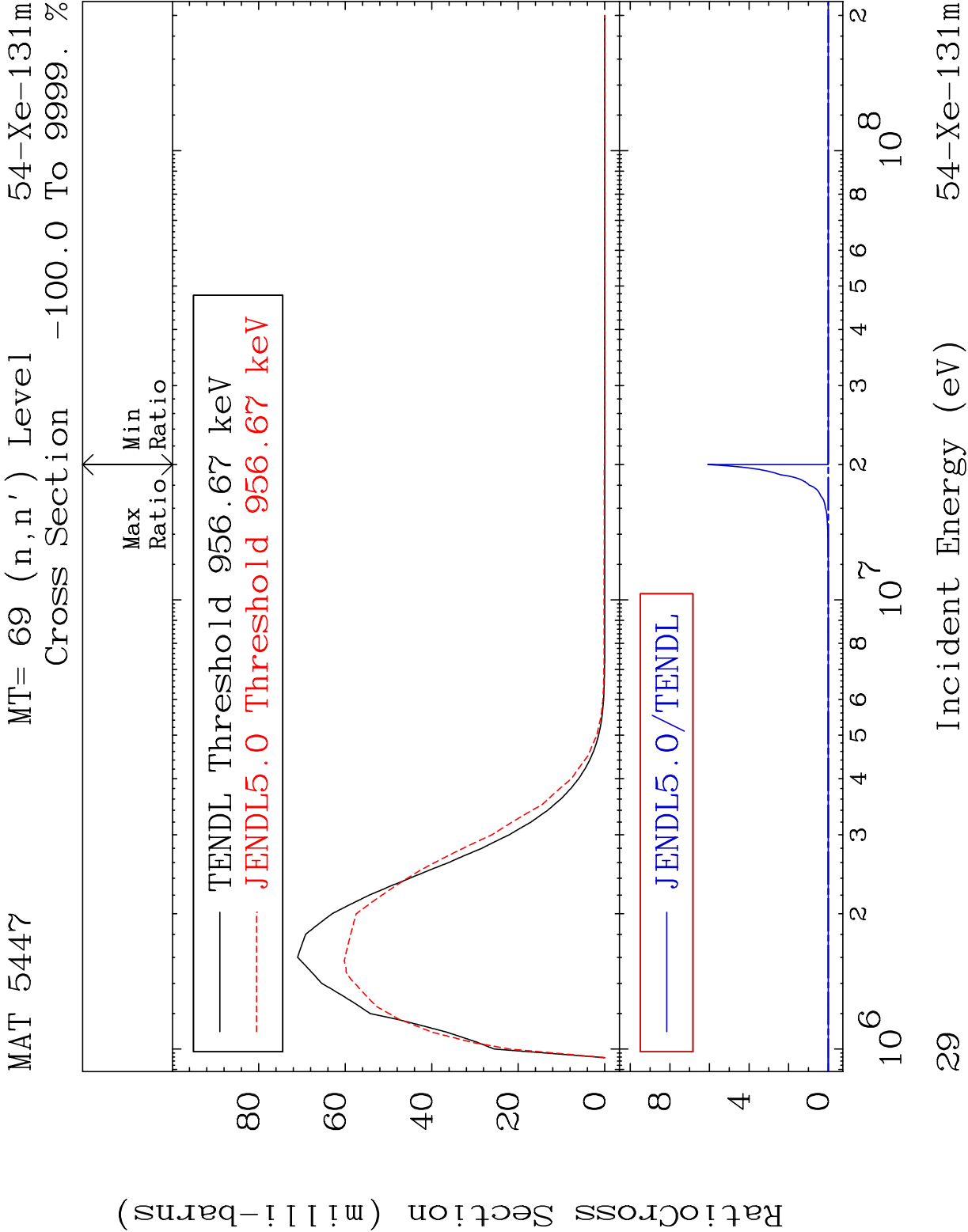
MT= 67 (n, n') Level

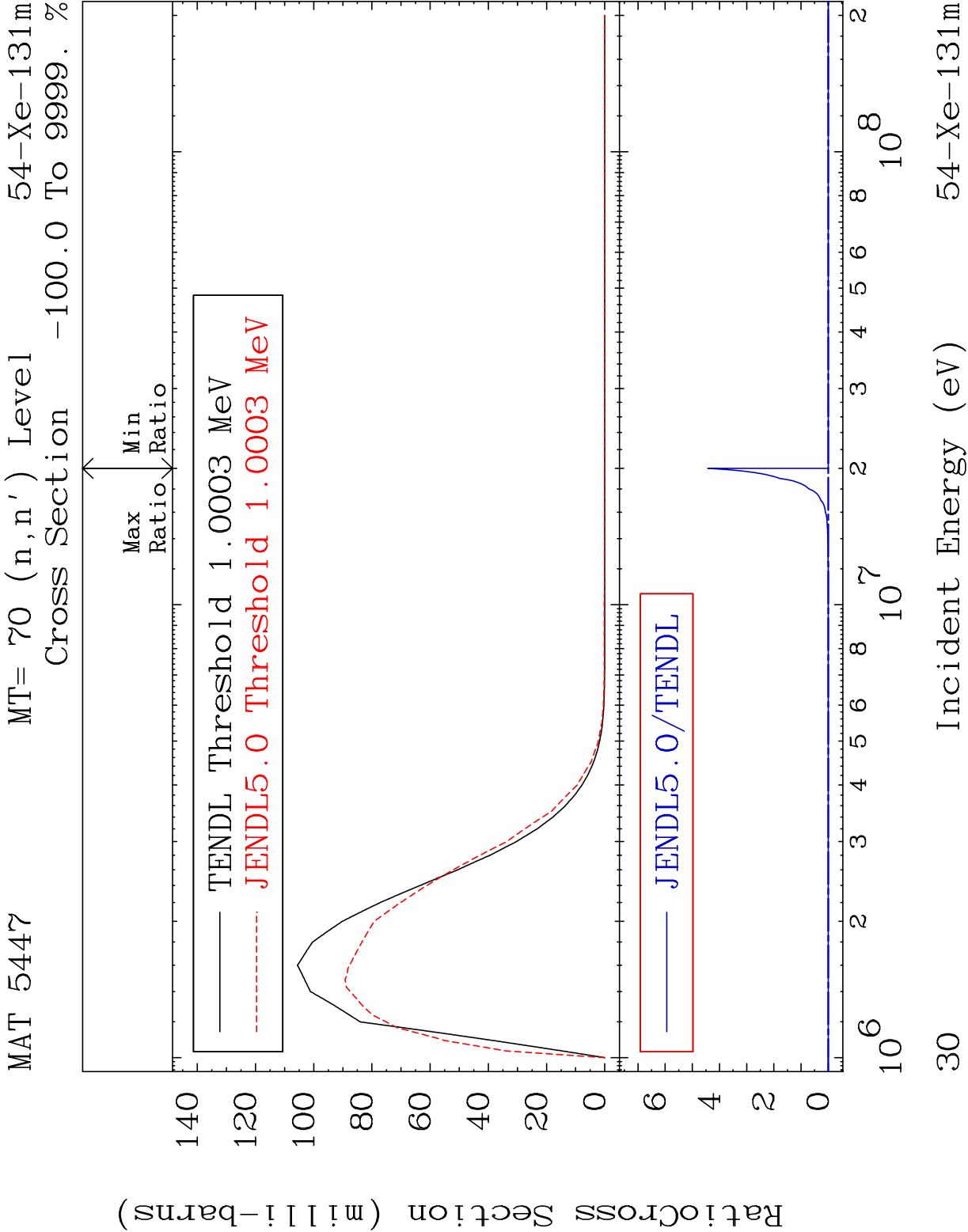
 $^{54}\text{-Xe-131m}$

Cross Section -100.0 To 9999. %

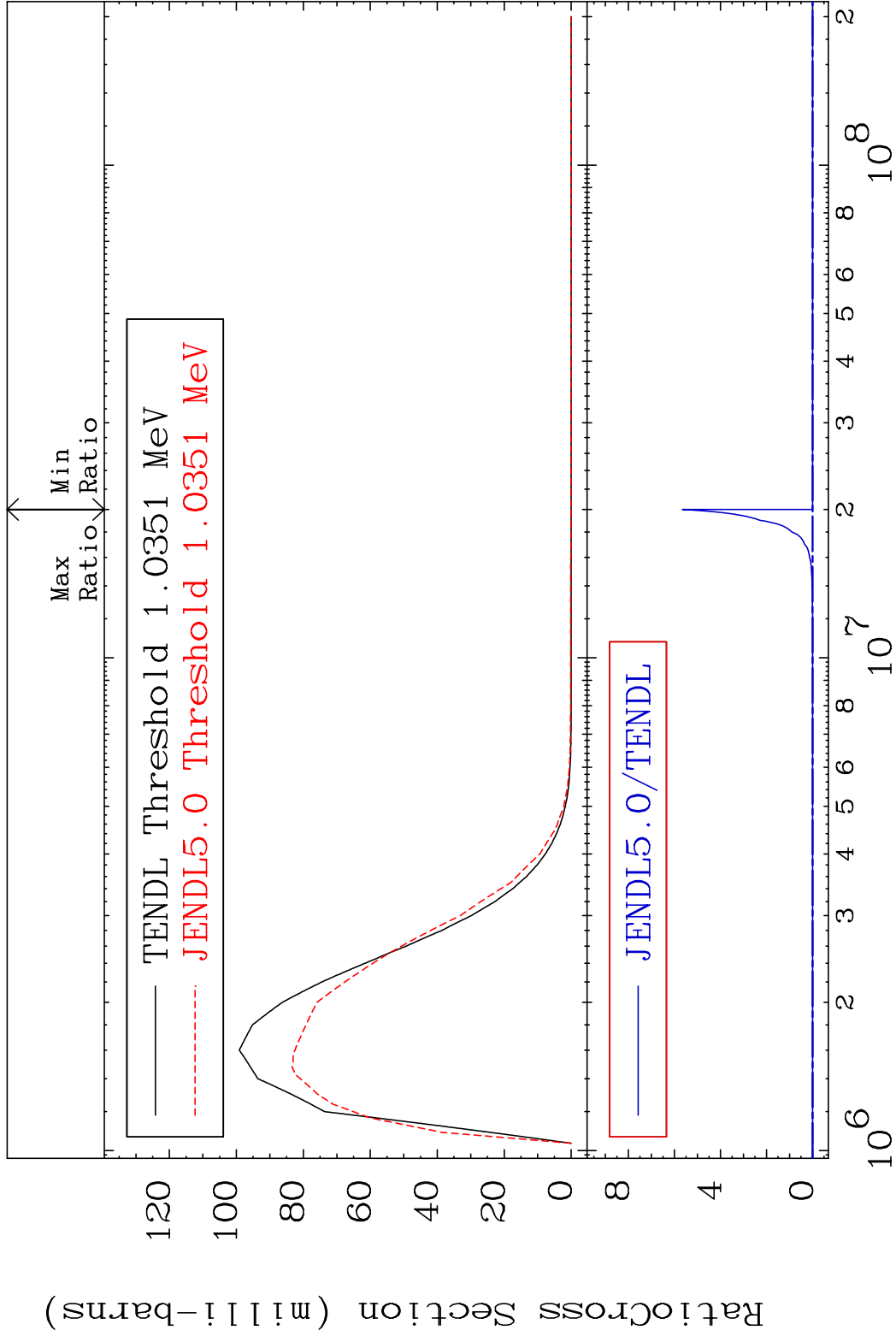


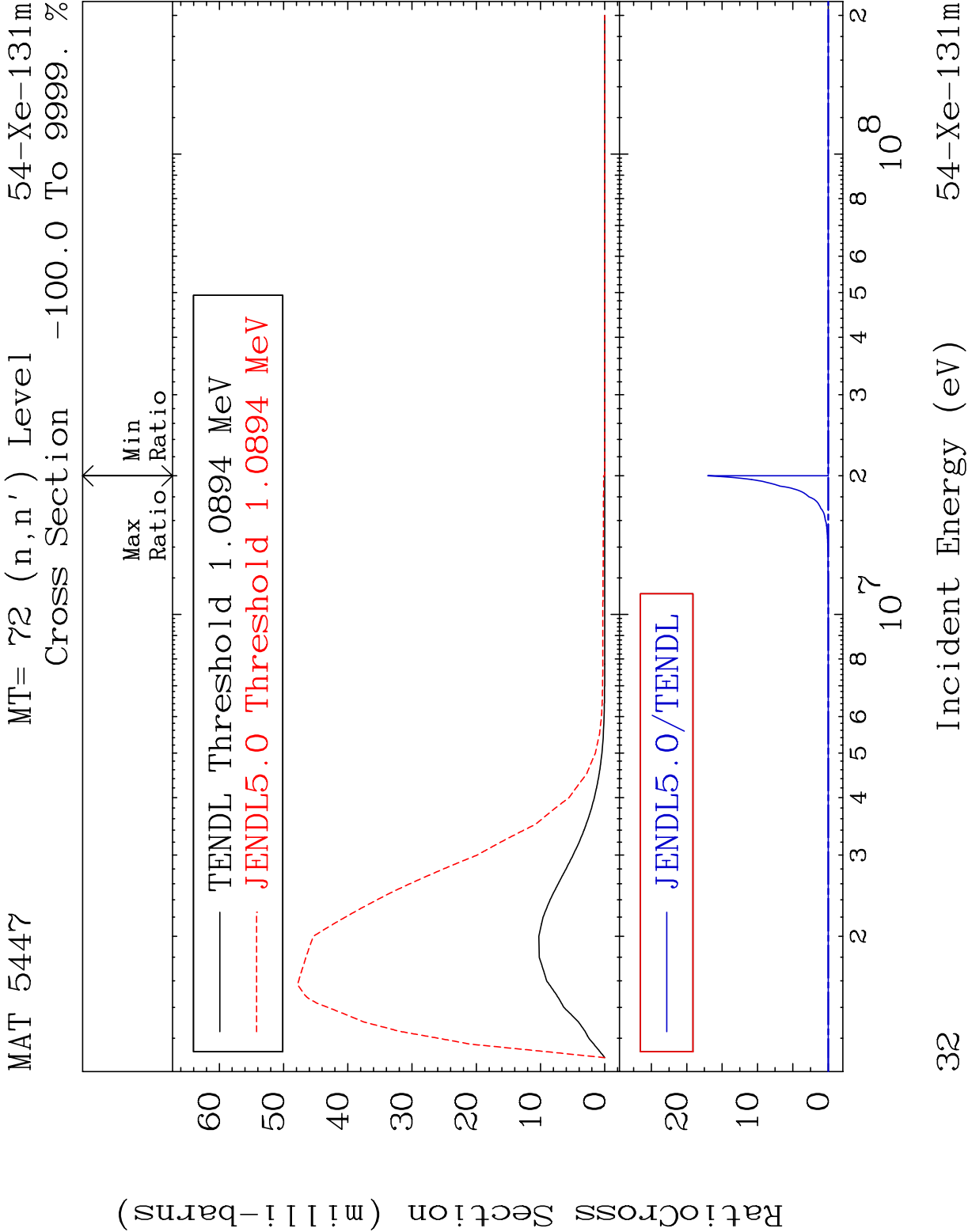


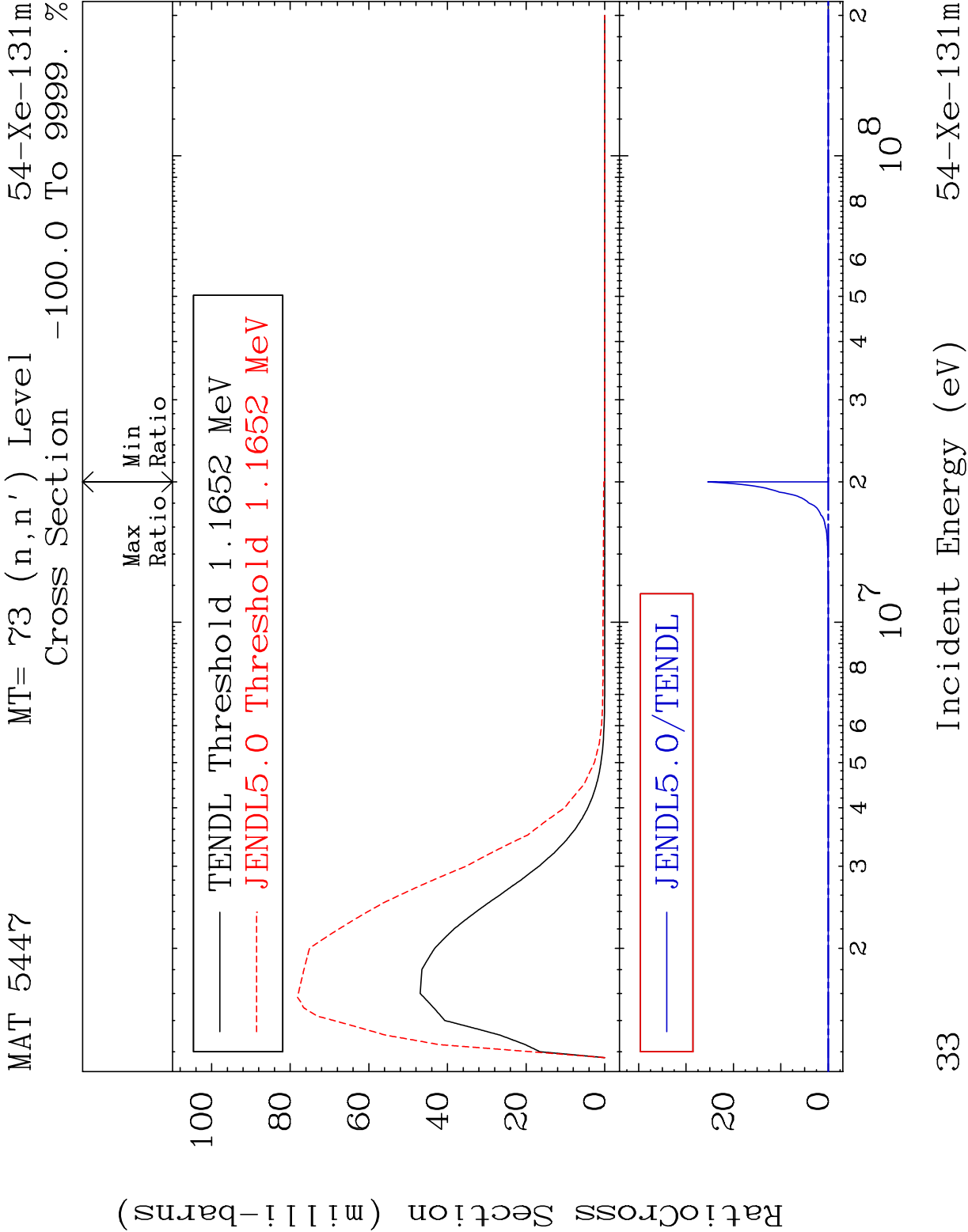




MAT 5447 MT= 71 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %





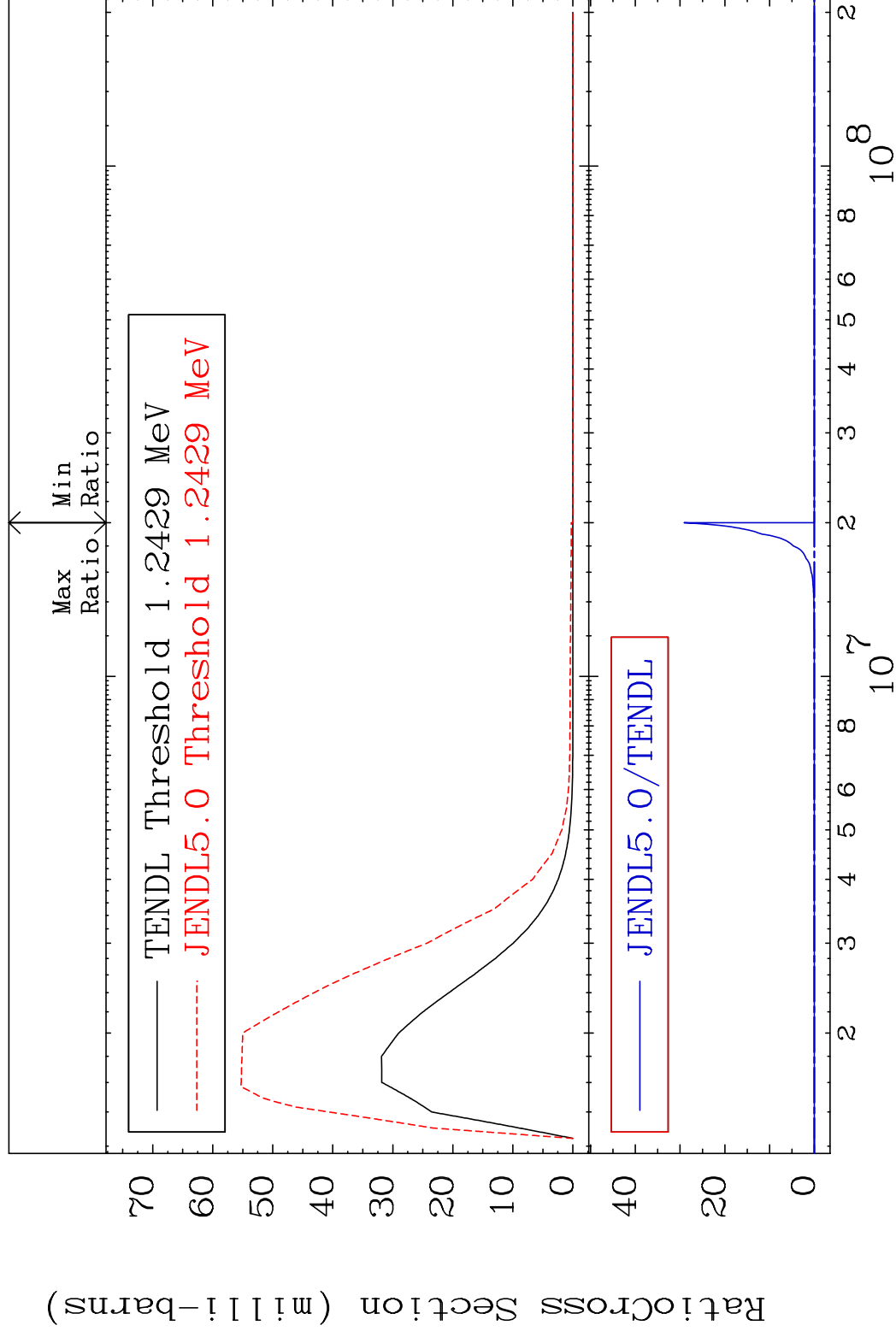


MAT 5442

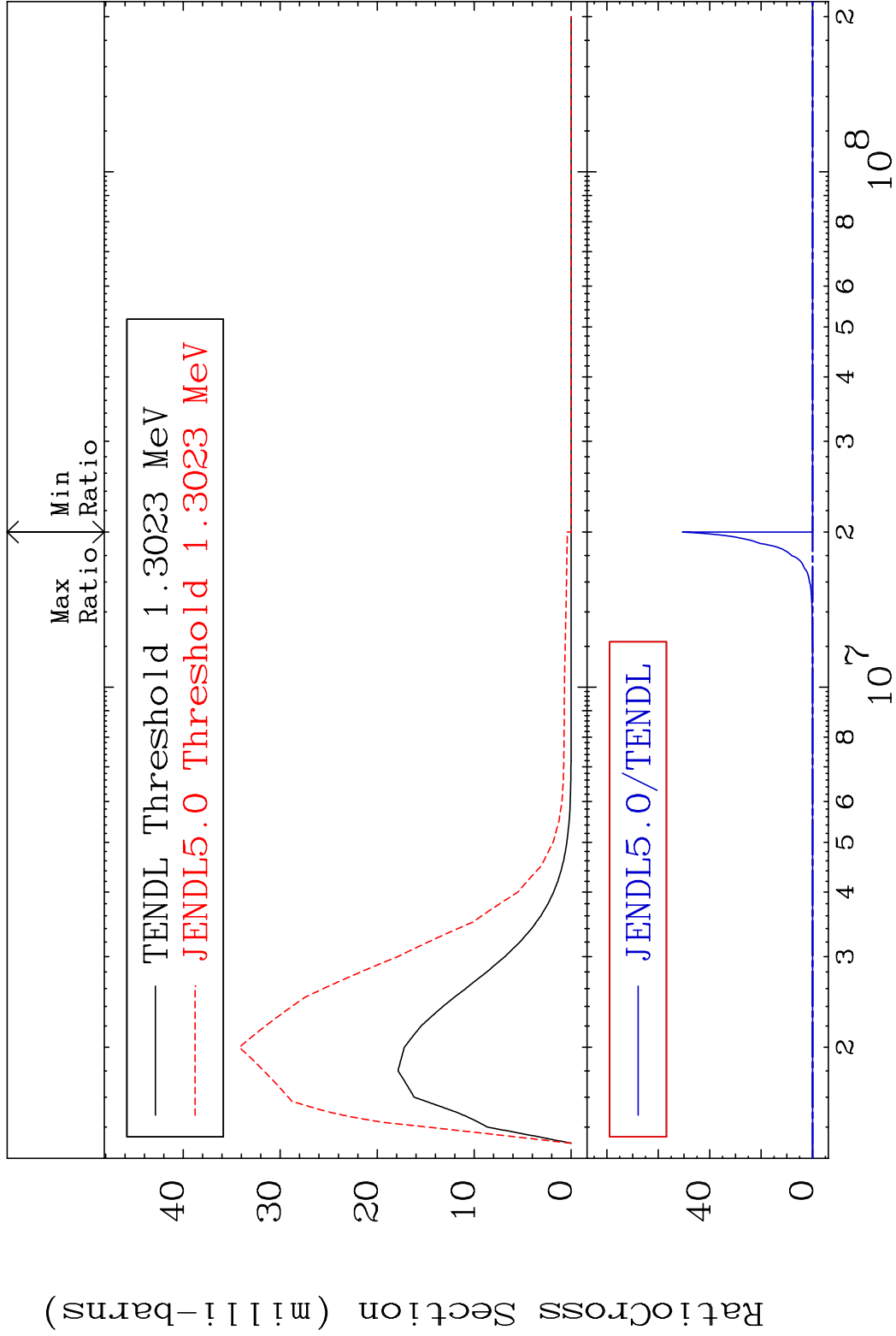
MT= 74 (n, n') Level

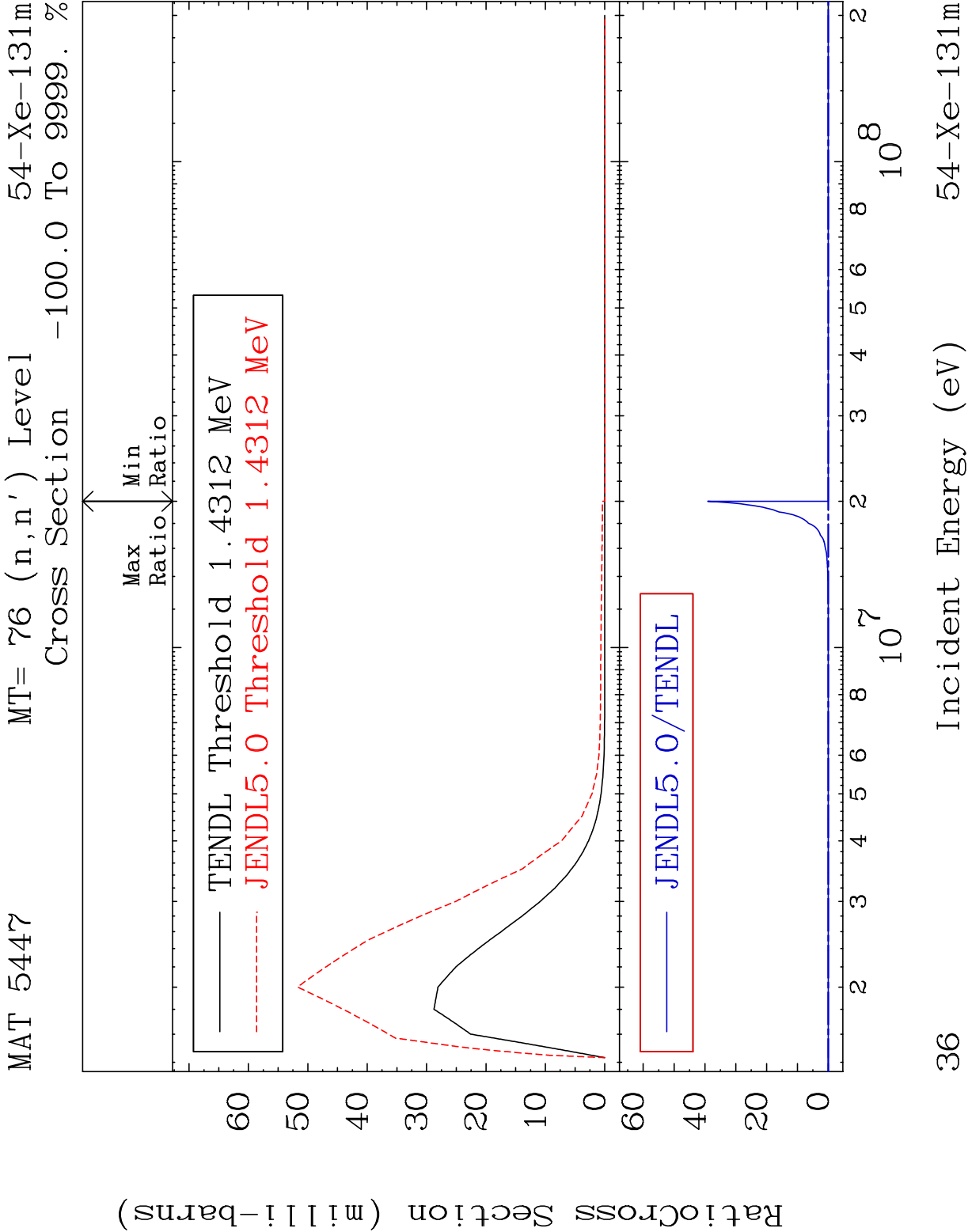
 $^{54}\text{-Xe-131m}$

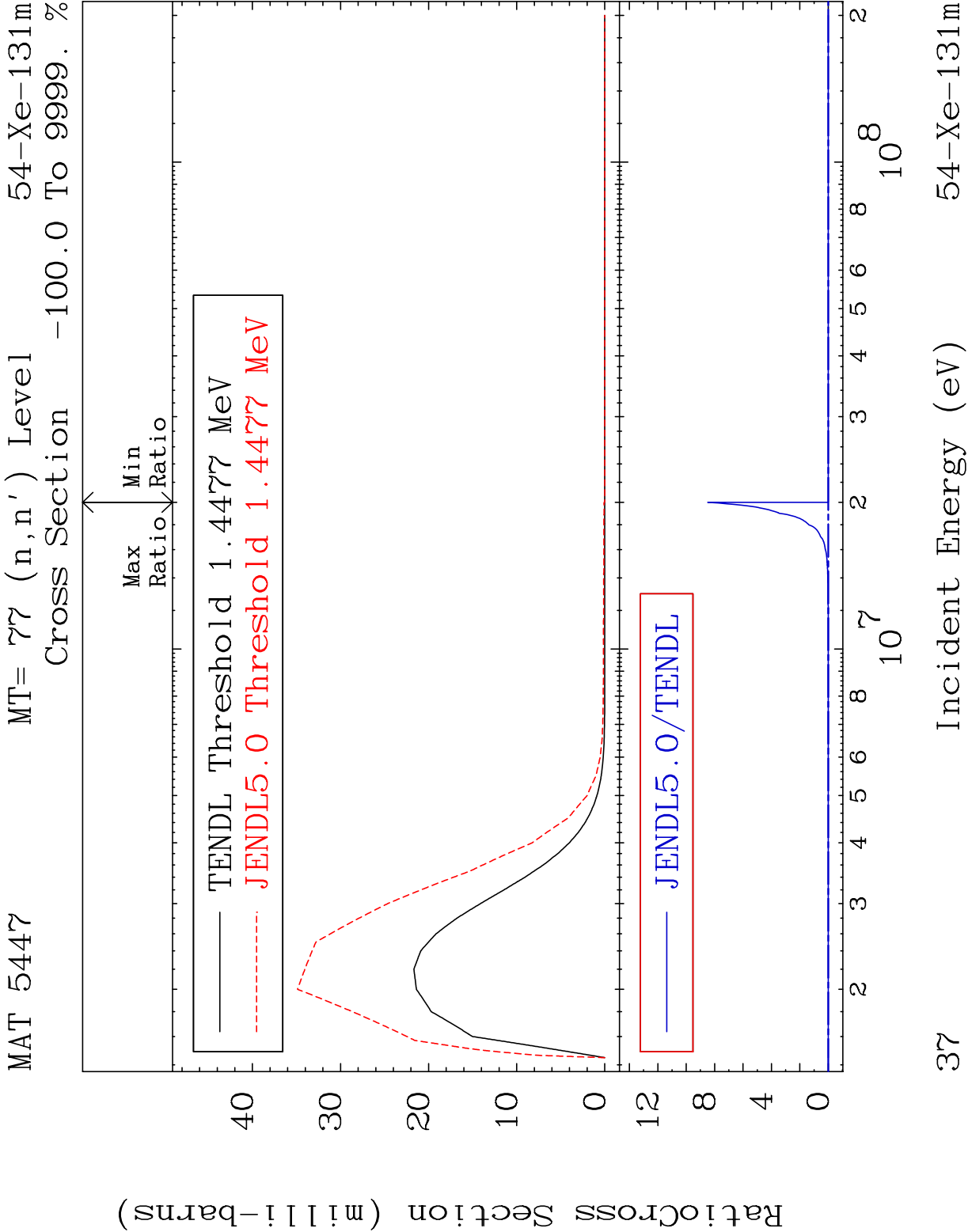
Cross Section -100.0 To 9999. %



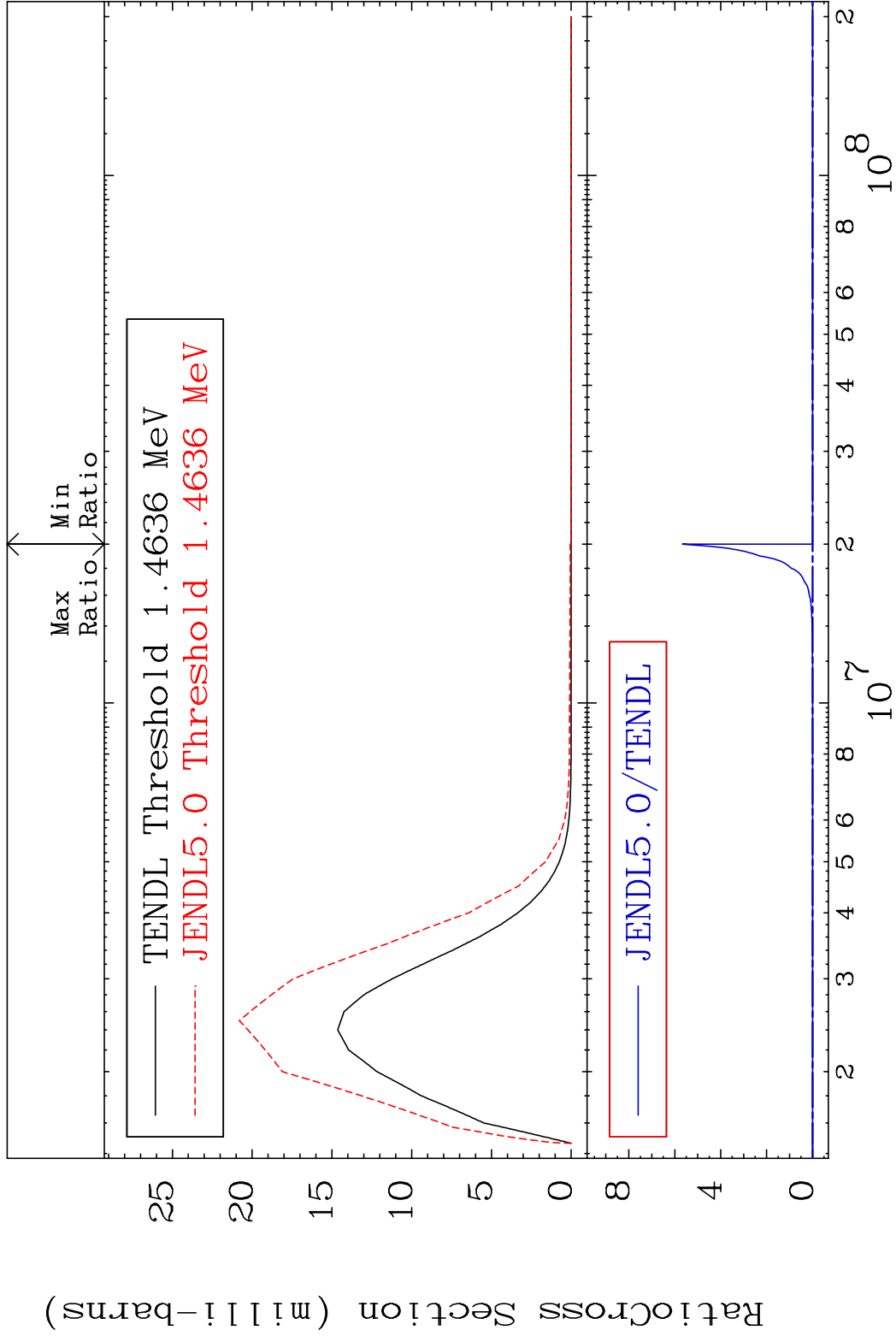
MAT 5447 MT= 75 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %



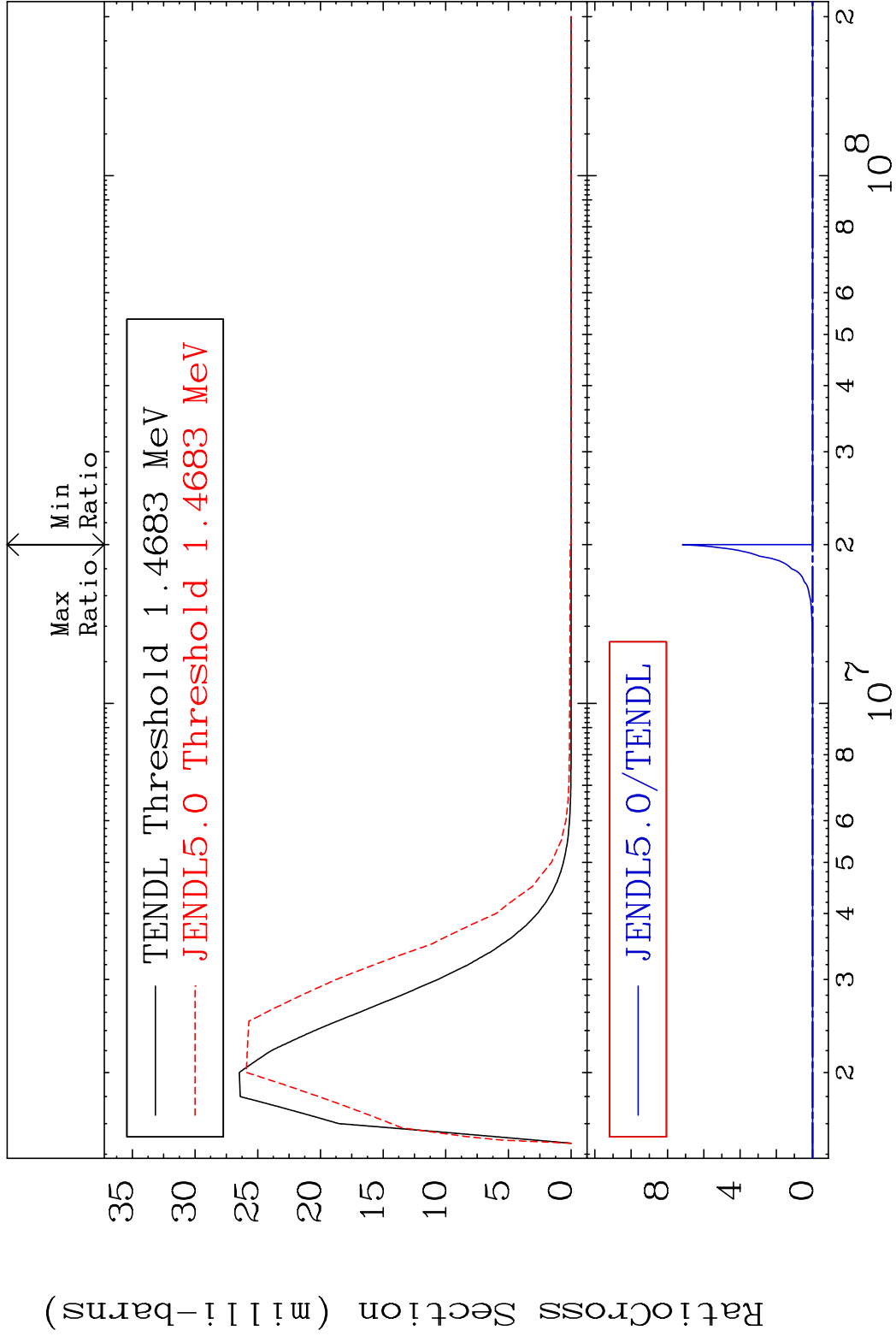




MAT 5447 MT= 78 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %



MAT 5447 MT= 79 (n,n') Level 54-Xe-131m
Cross Section -100.0 To 9999. %

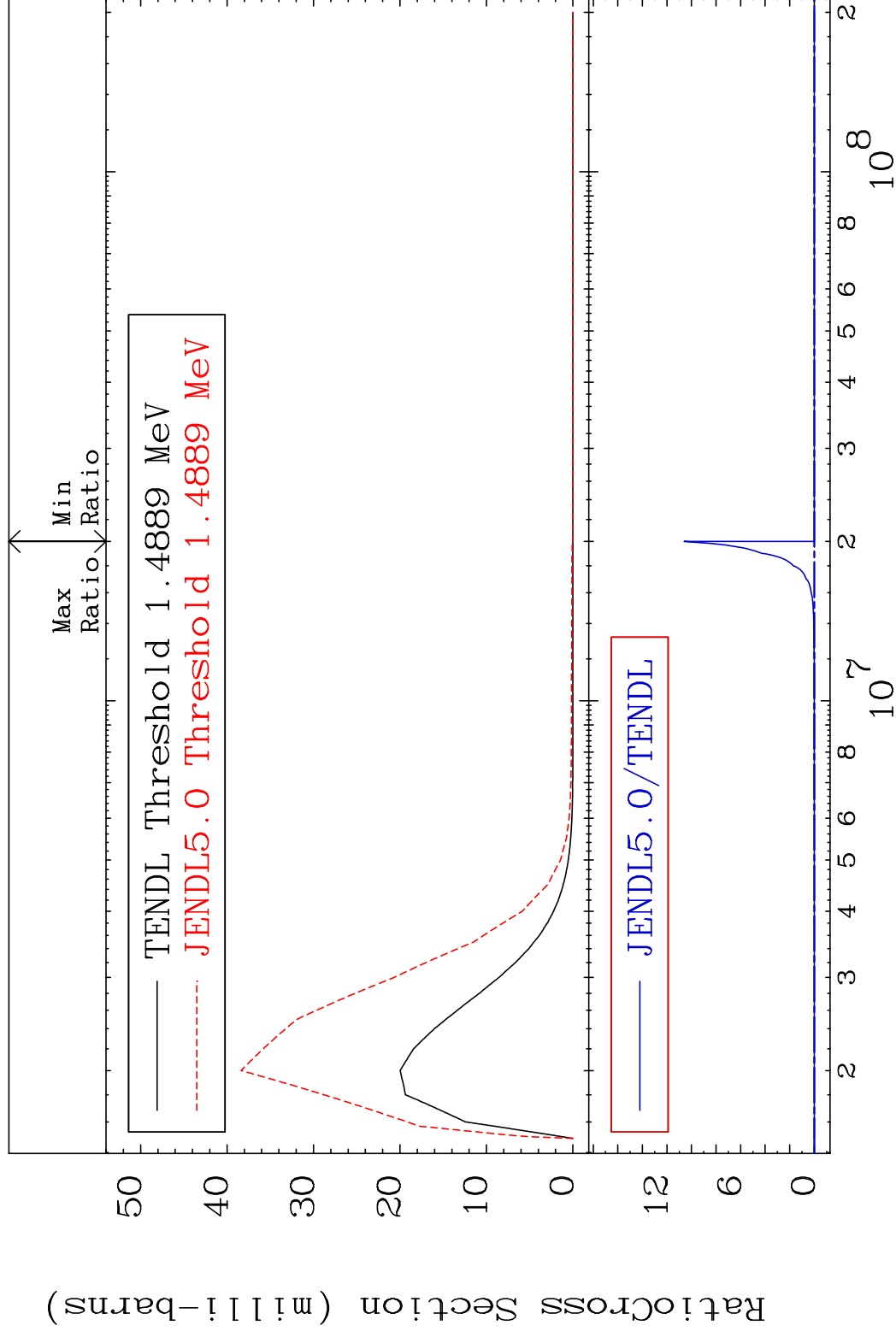


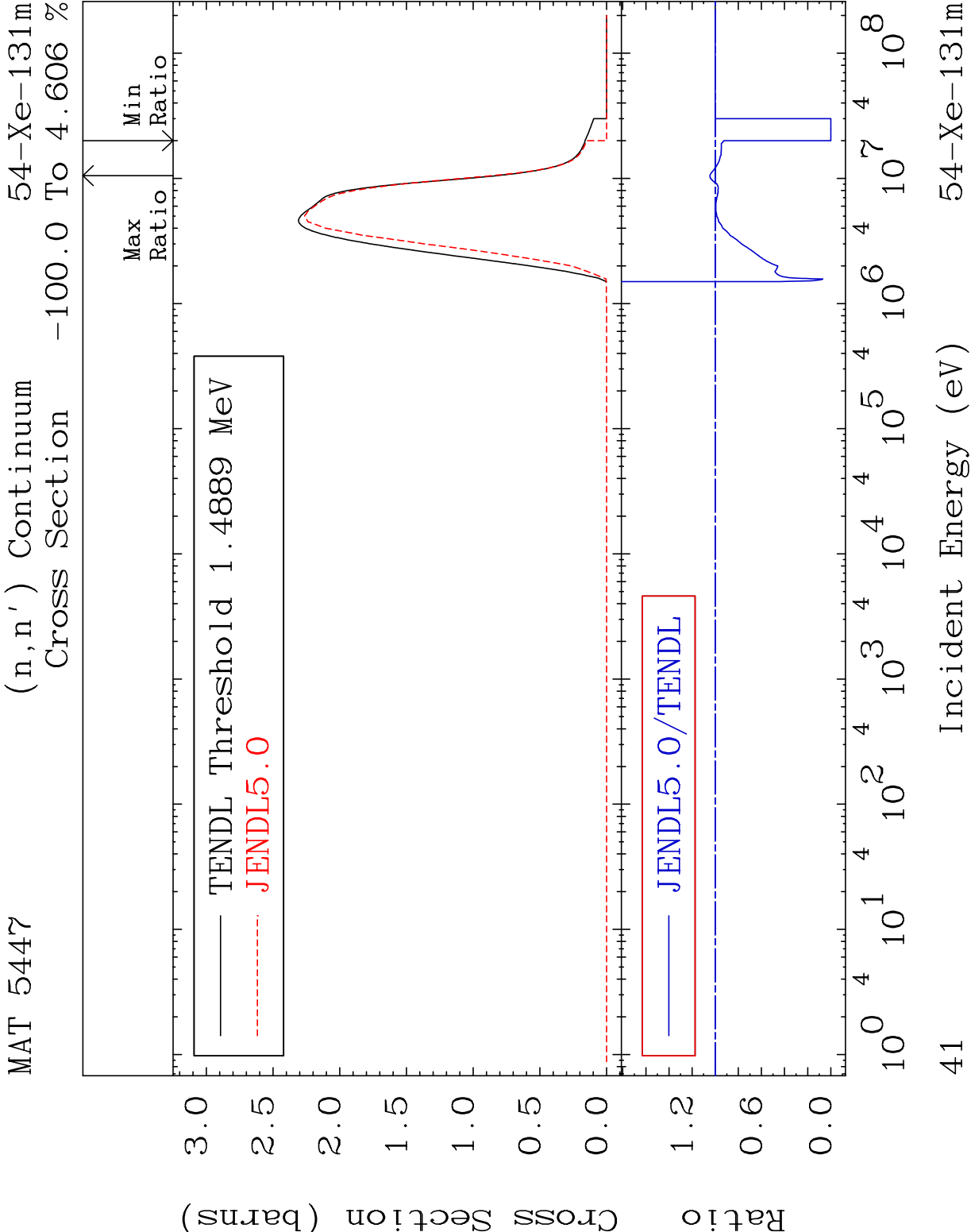
MAT 5442

MT= 80 (n, n') Level

 $^{54}\text{-Xe-131m}$

Cross Section -100.0 To 9999. %



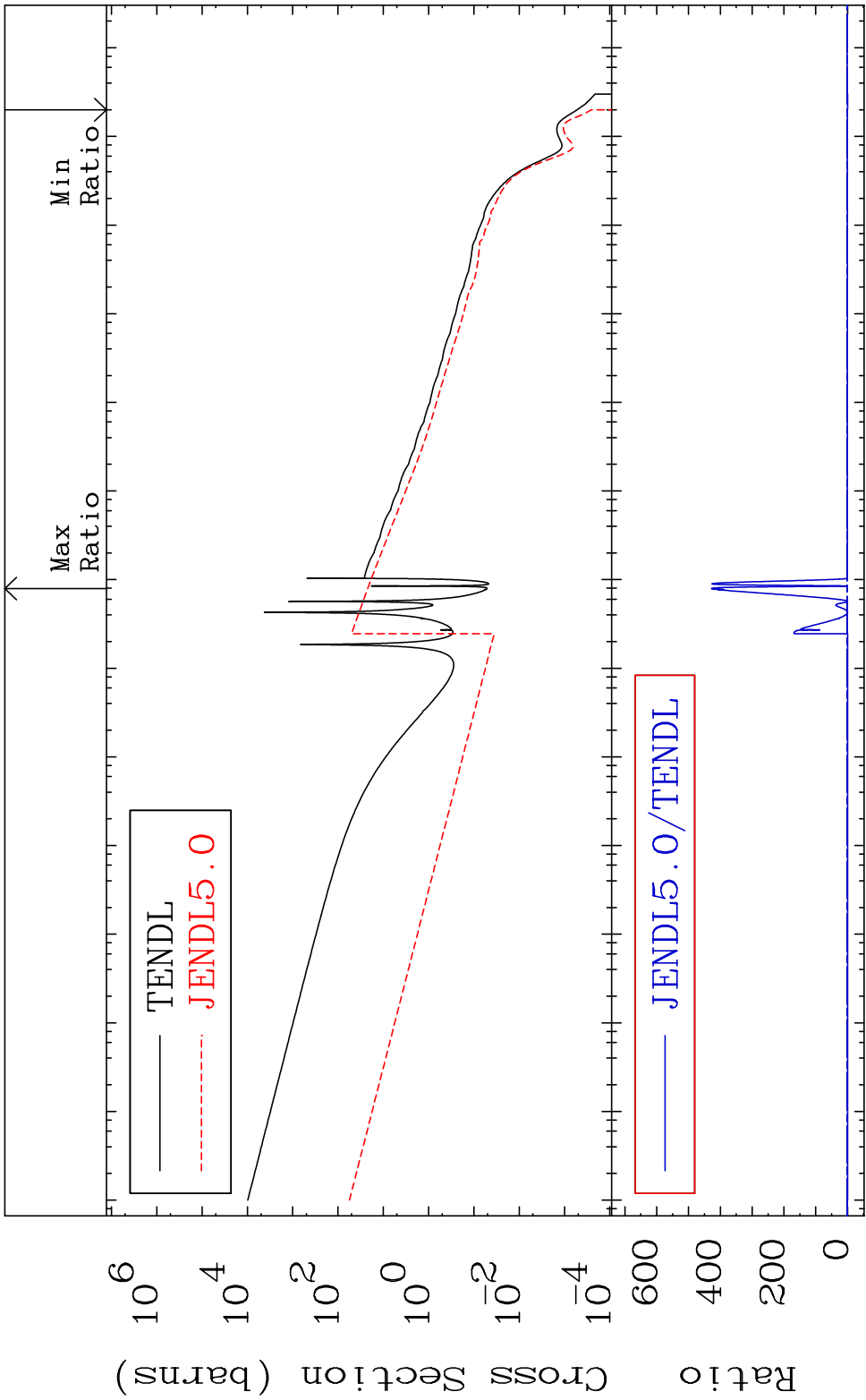


MAT 5447

(n, γ)

54-Xe-131m

Cross Section -100.0 To 9999. %

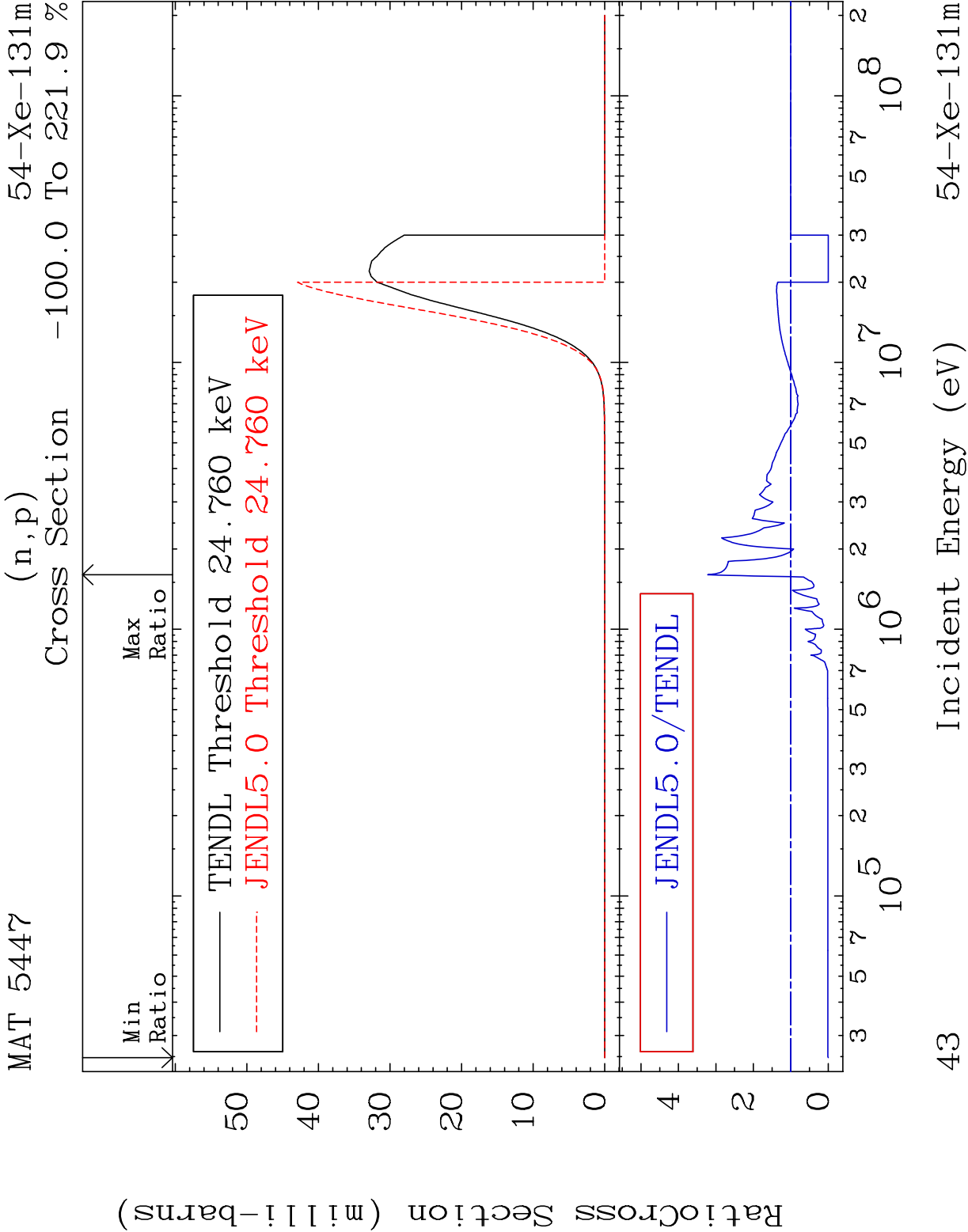


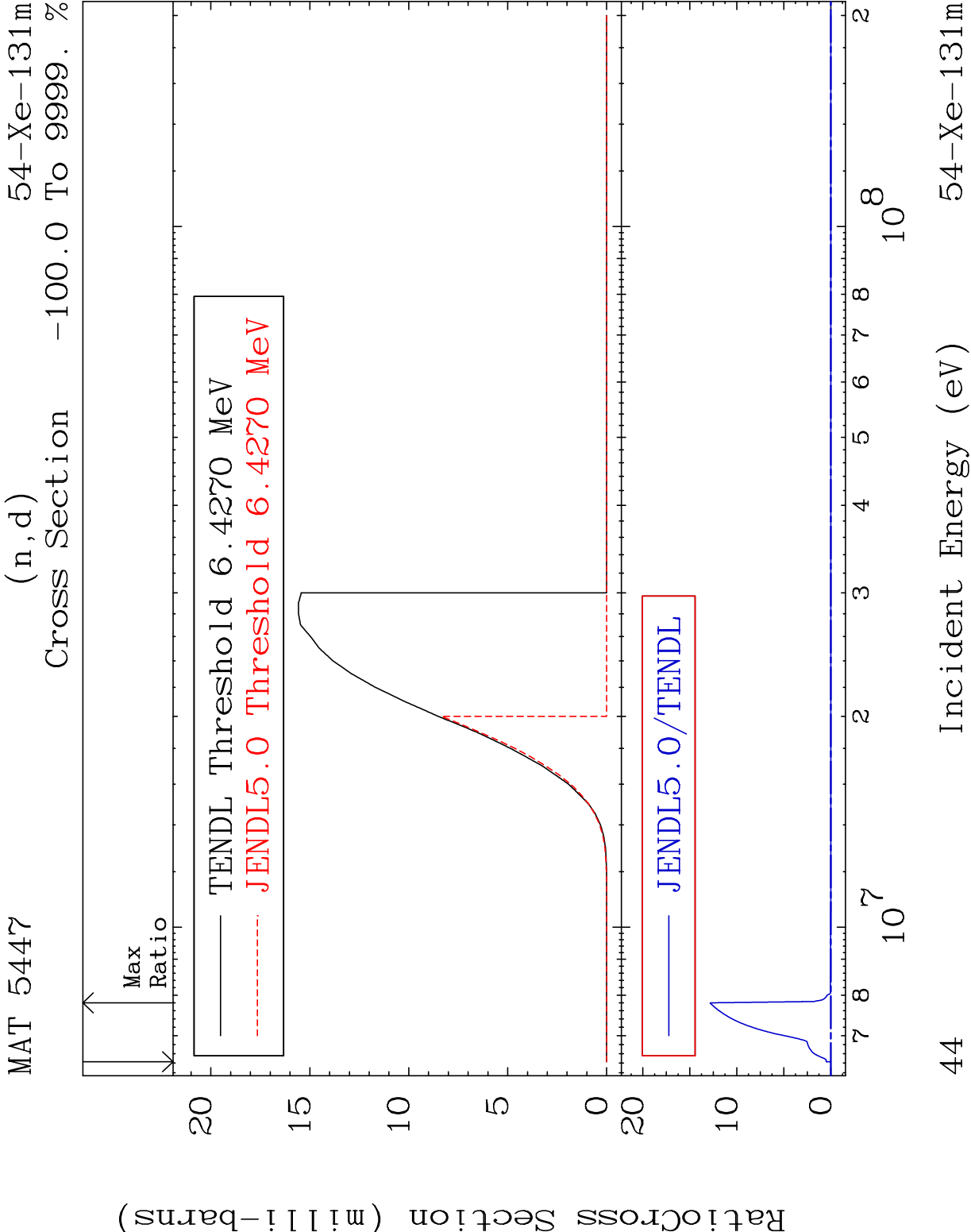
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

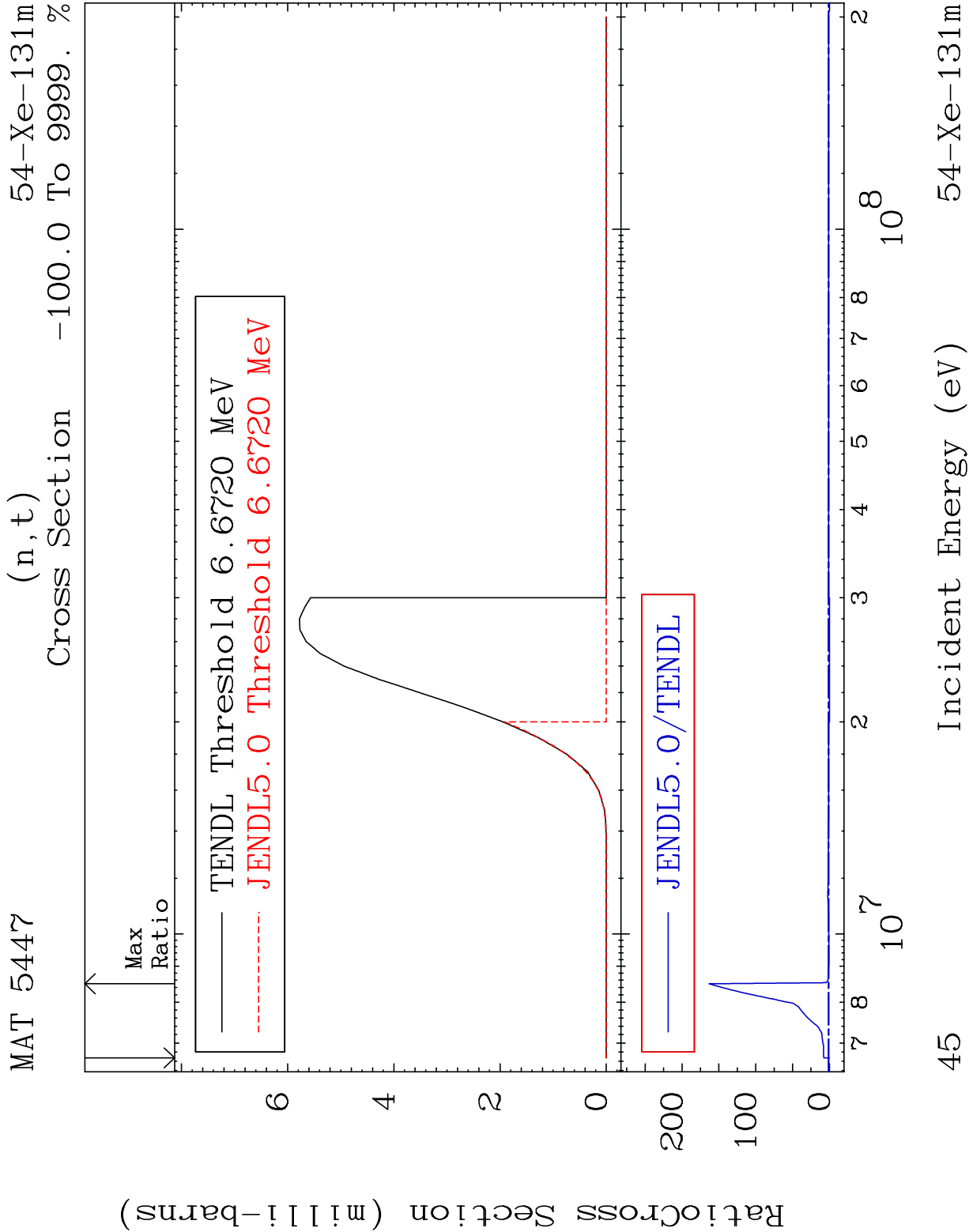
42

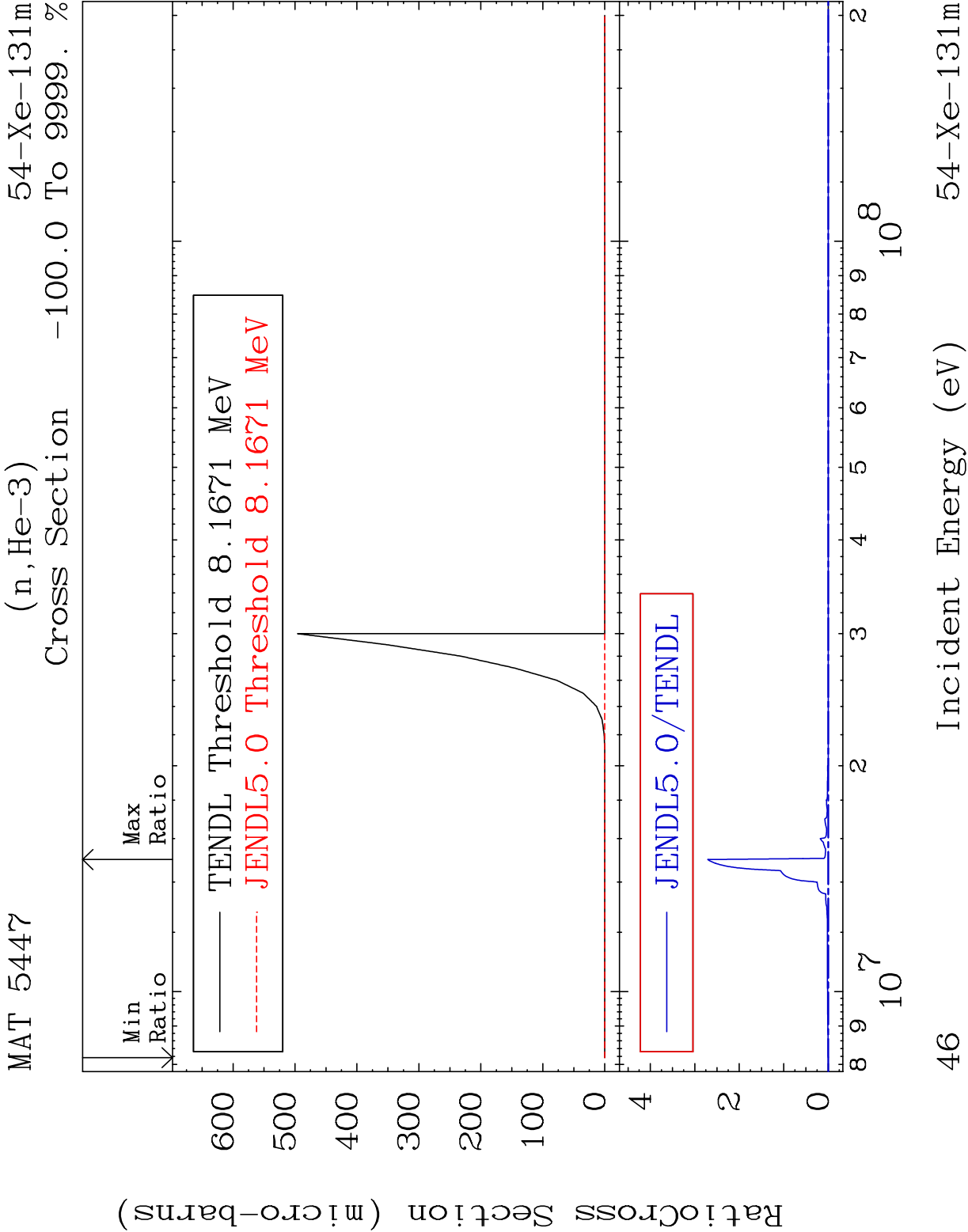
Incident Energy (eV)

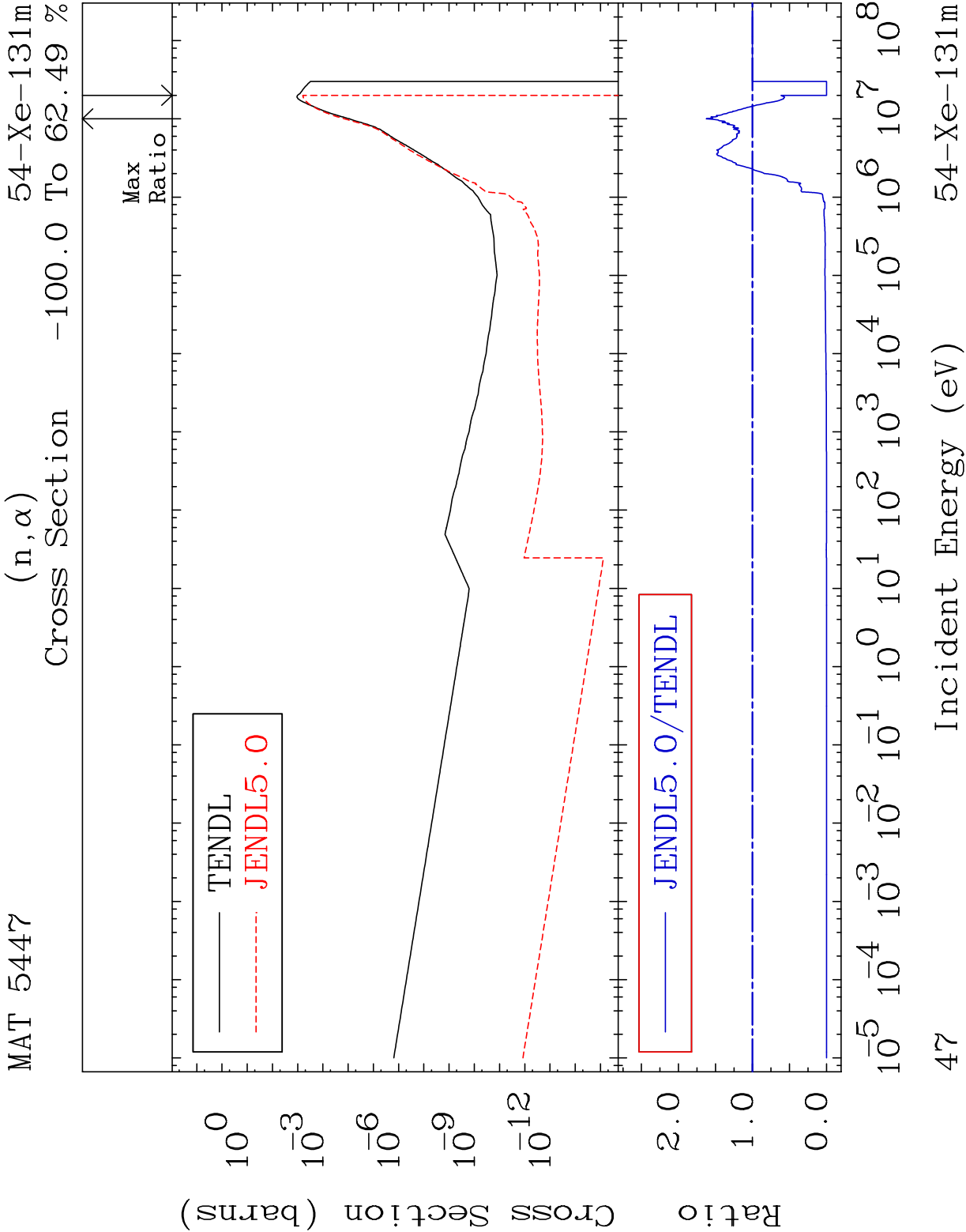
54-Xe-131m



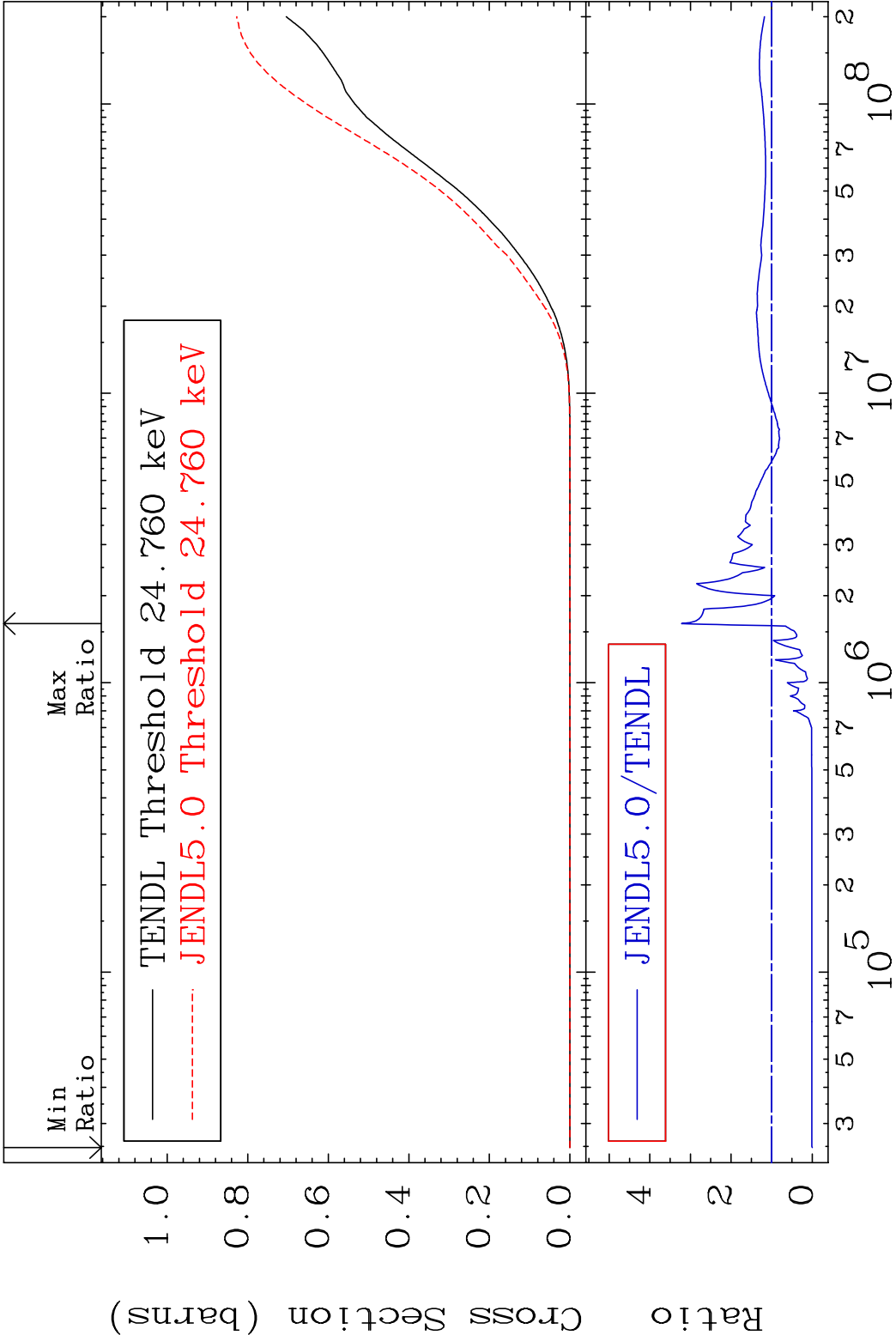




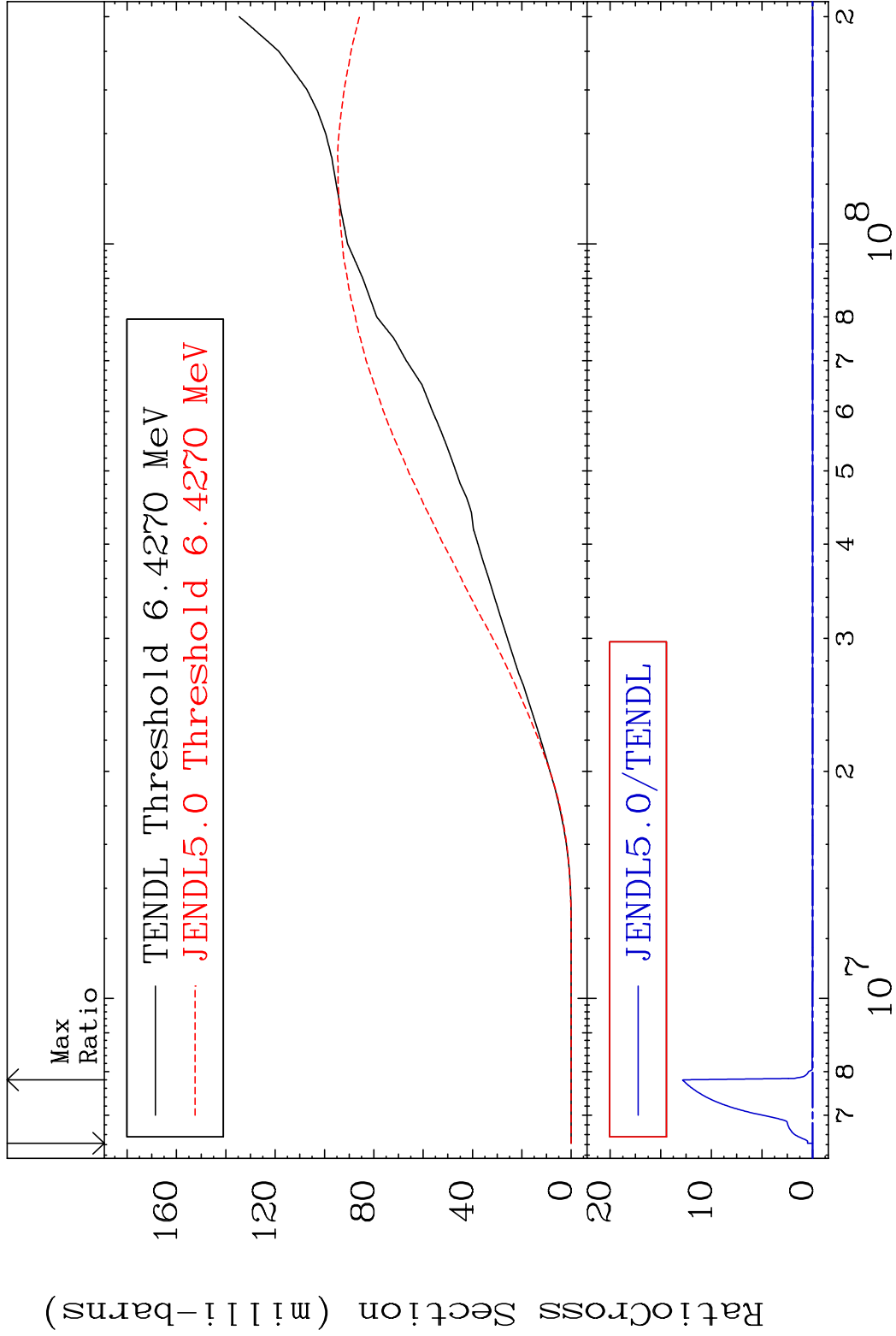




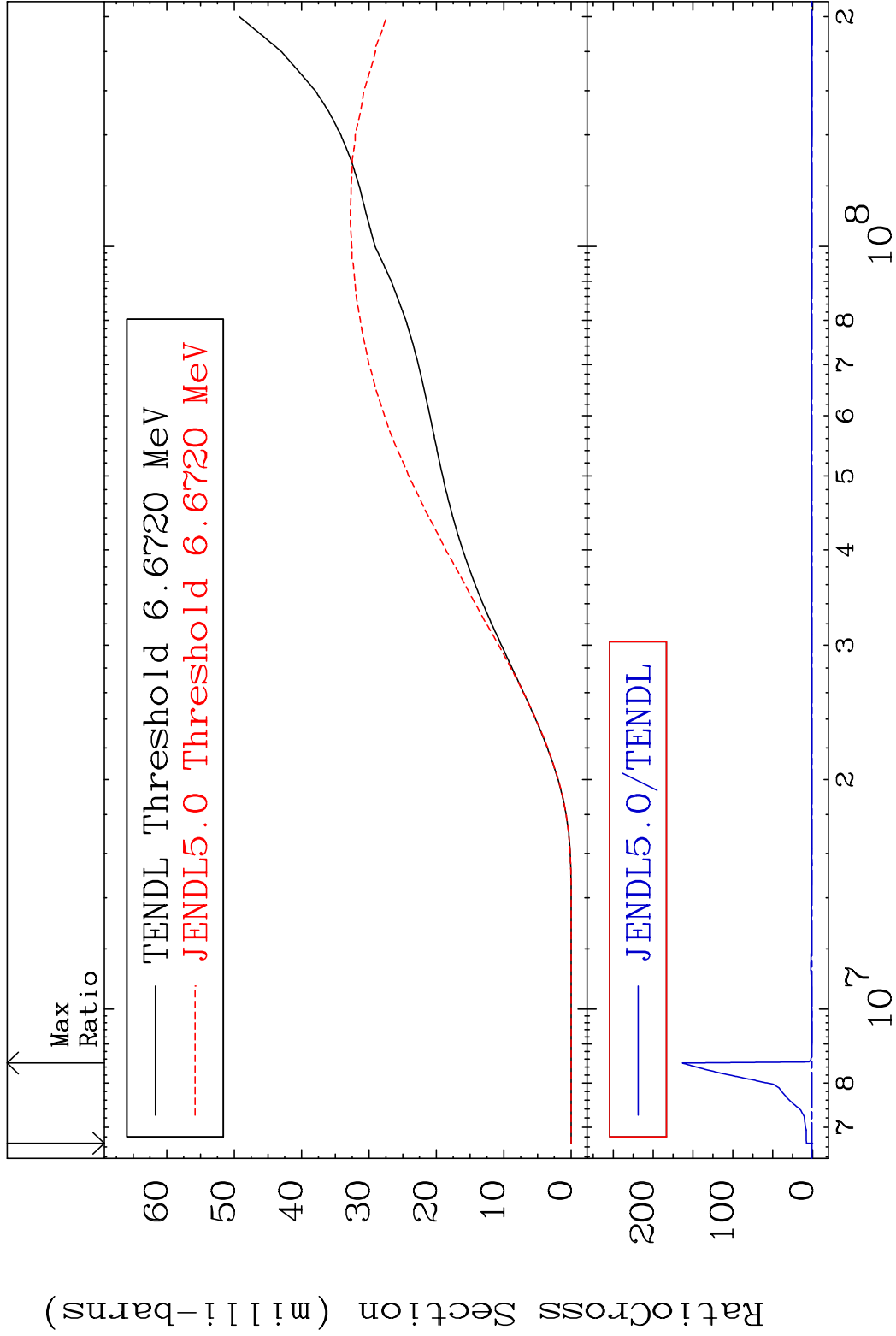
MAT 5447 Hydrogen Production 54-Xe-131m
Cross Section -100.0 To 221.9 %



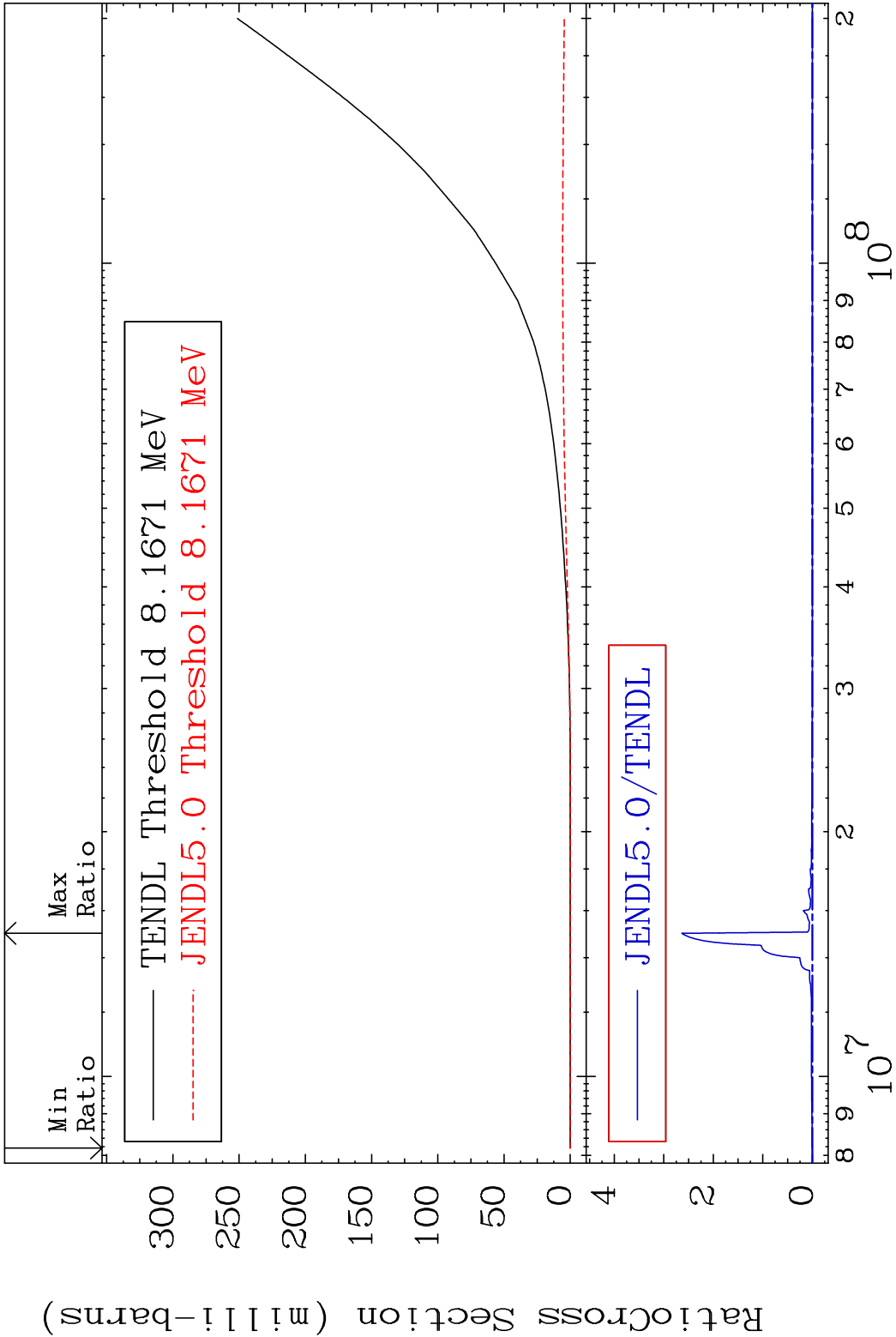
MAT 5447 Deuterium Production 54-Xe-131m
Cross Section -100.0 To 9999. %

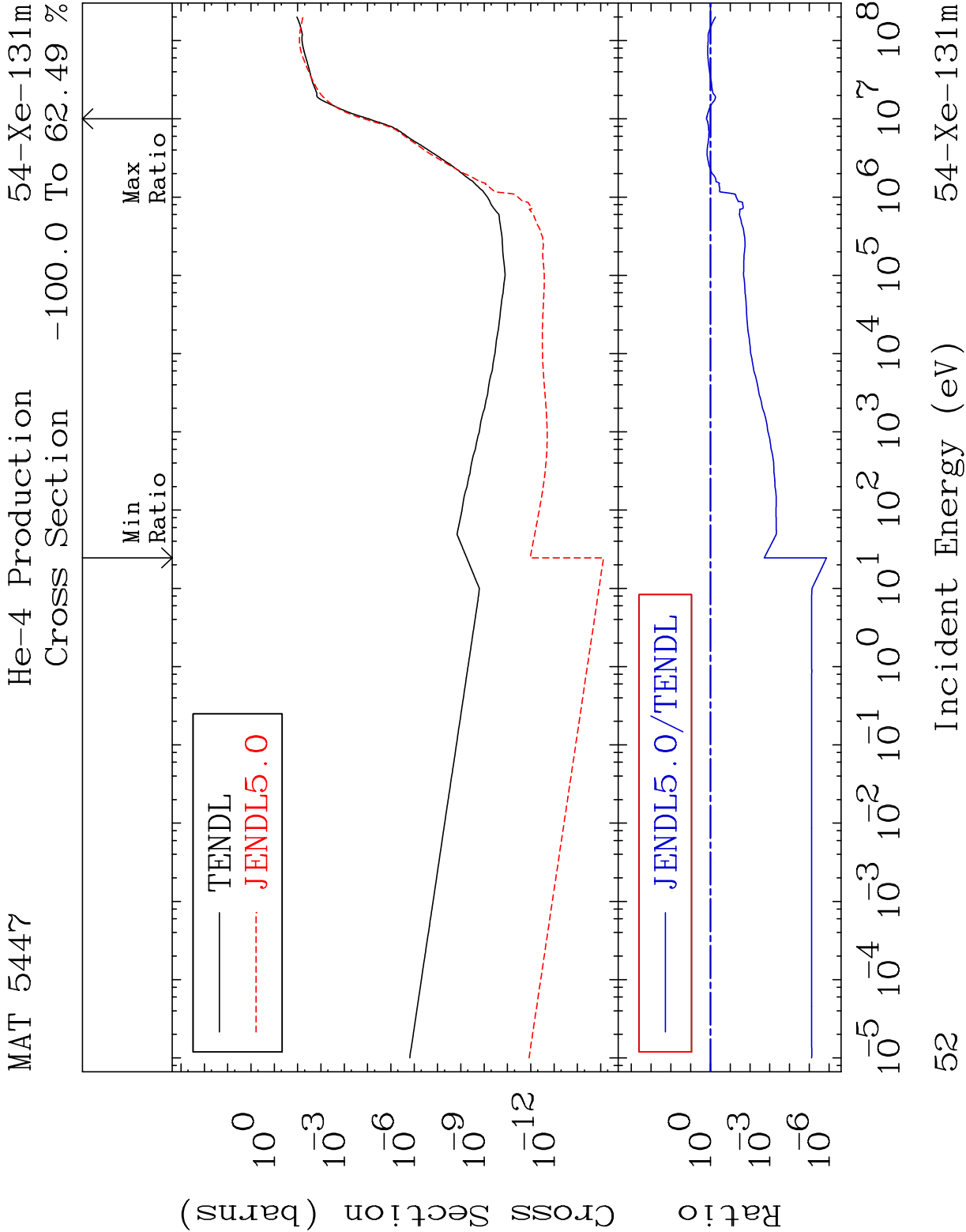


MAT 5447 Tritium Production 54-Xe-131m
Cross Section -100.0 To 9999. %

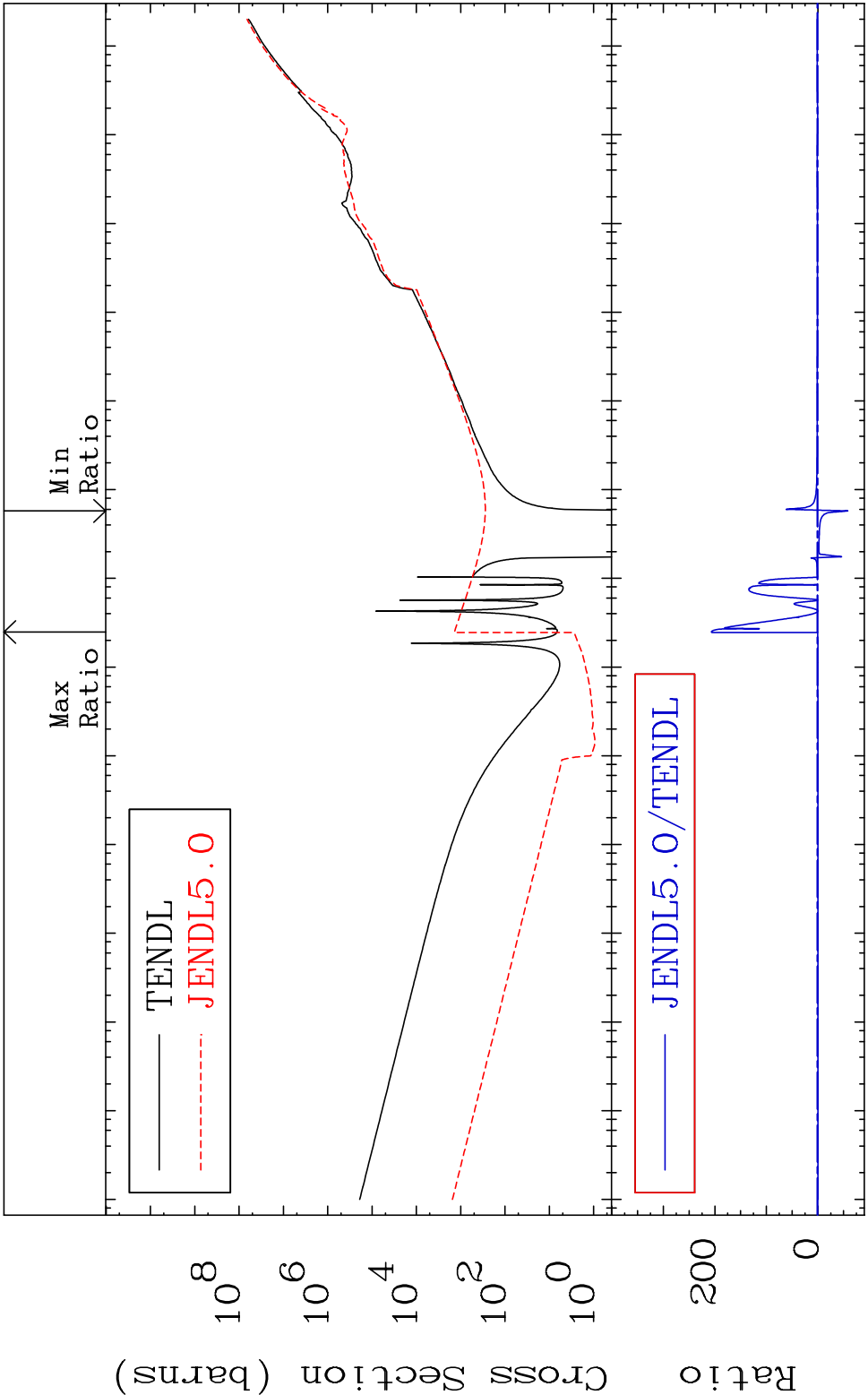


50 Incident Energy (eV) 54-Xe-131m





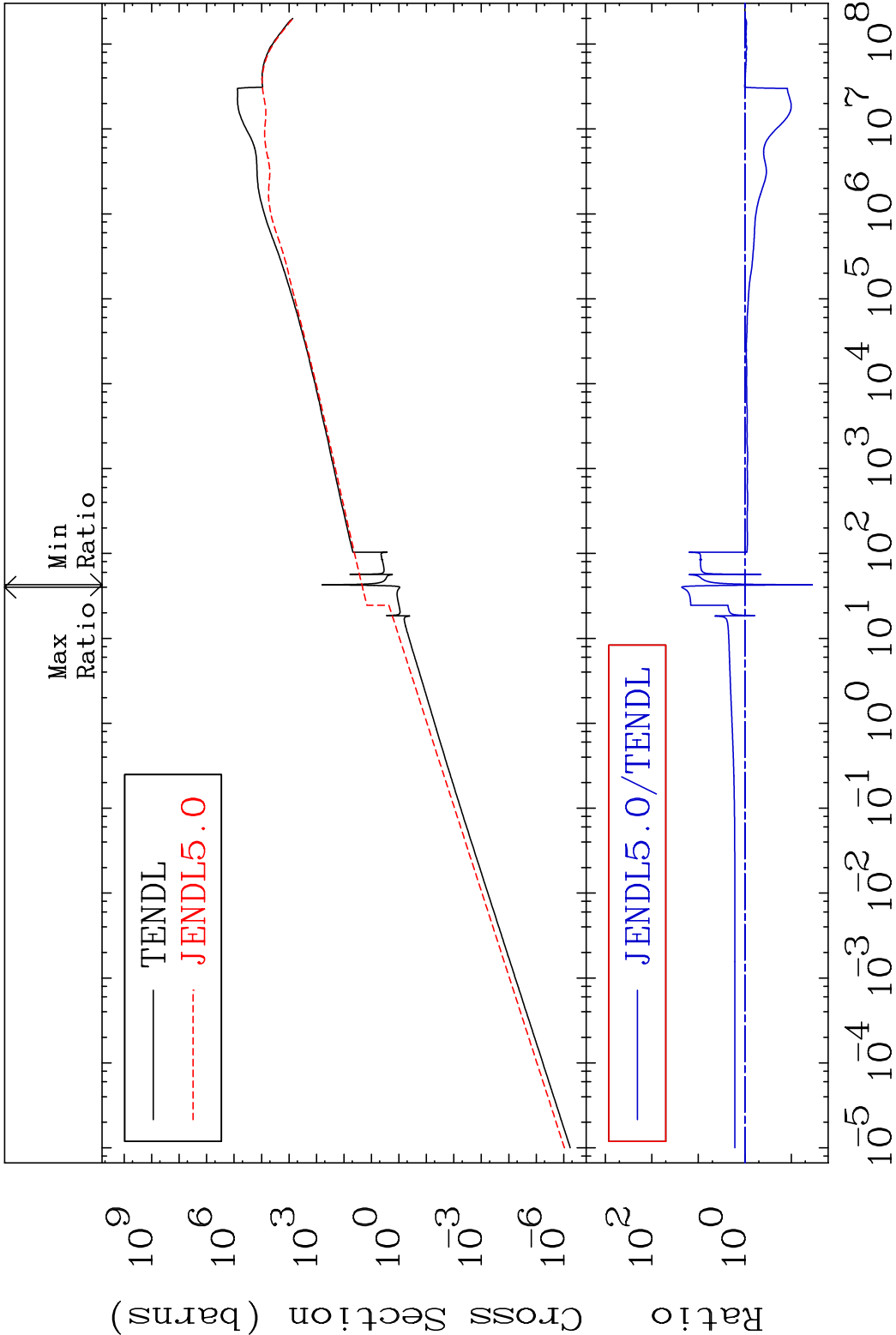
MAT 5447 Kerma total (eV-barns) 54-Xe-131m
Cross Section -5902. To 9999. %



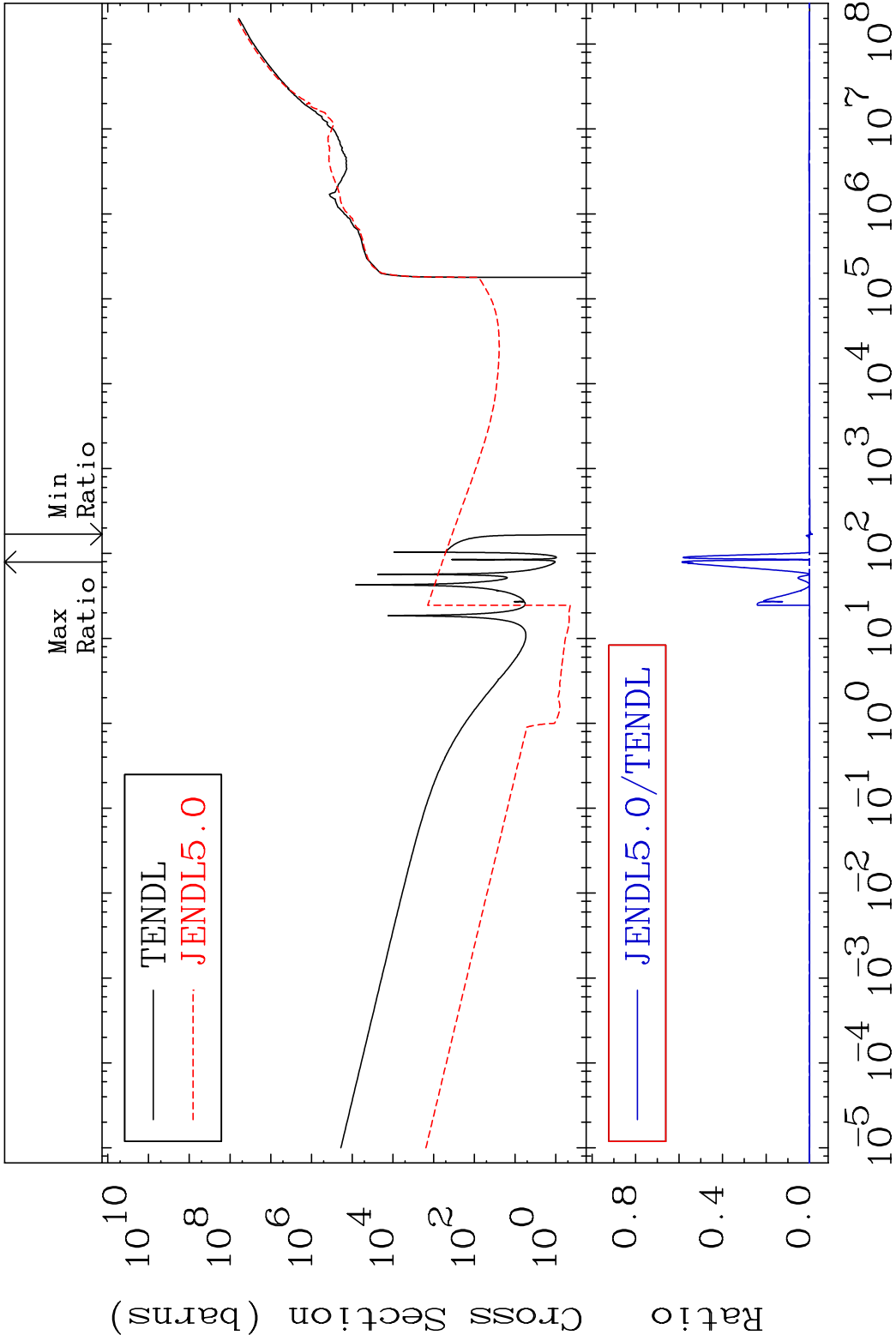
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

53 Incident Energy (eV) 54-Xe-131m

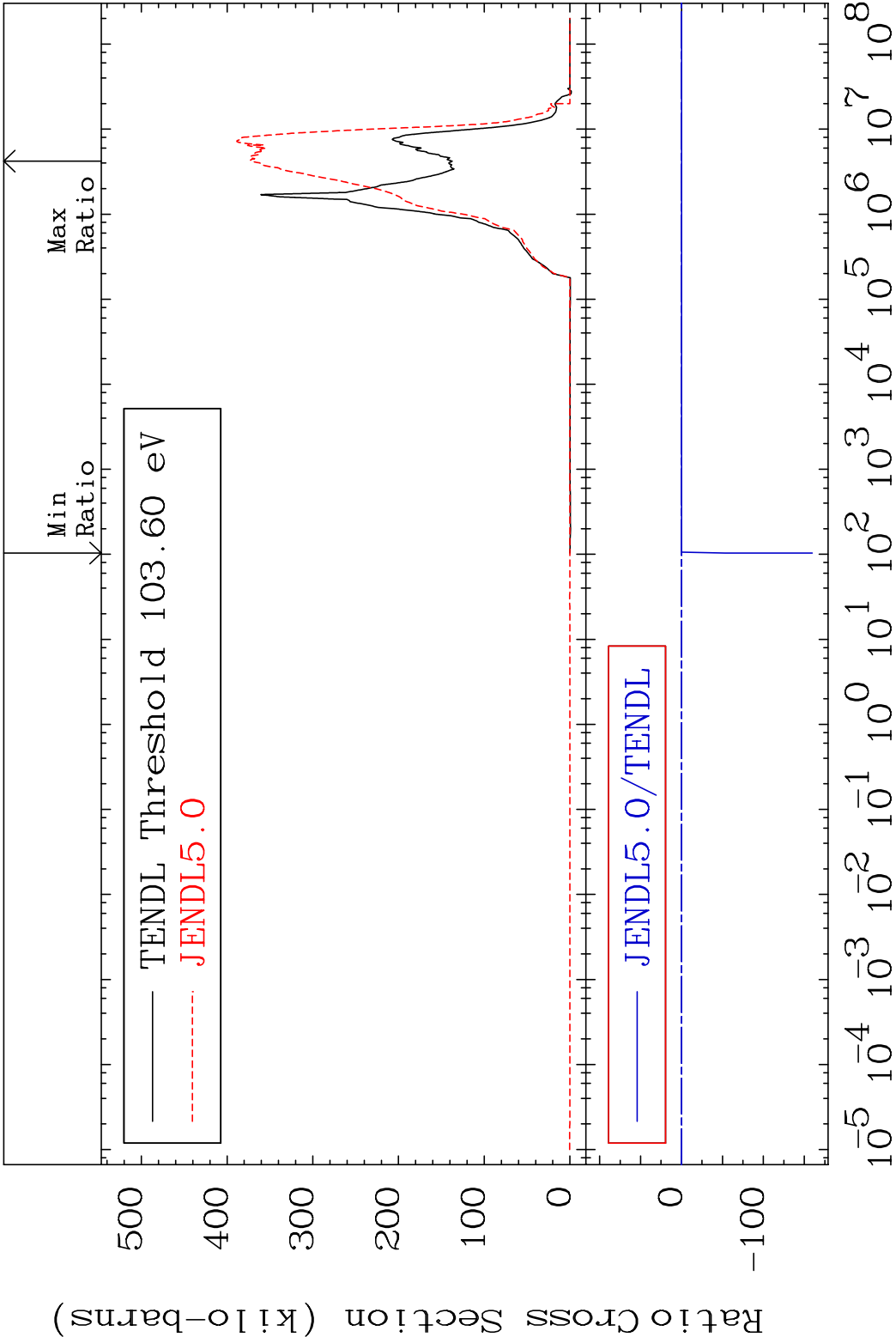
MAT 5447 Kerma elastic 54-Xe-131m
Cross Section -96.48 To 2177. %



MAT 5447 Kerma non-elastic (all but mt2) 54-Xe-131m
 Cross Section -1374. To 9999. %



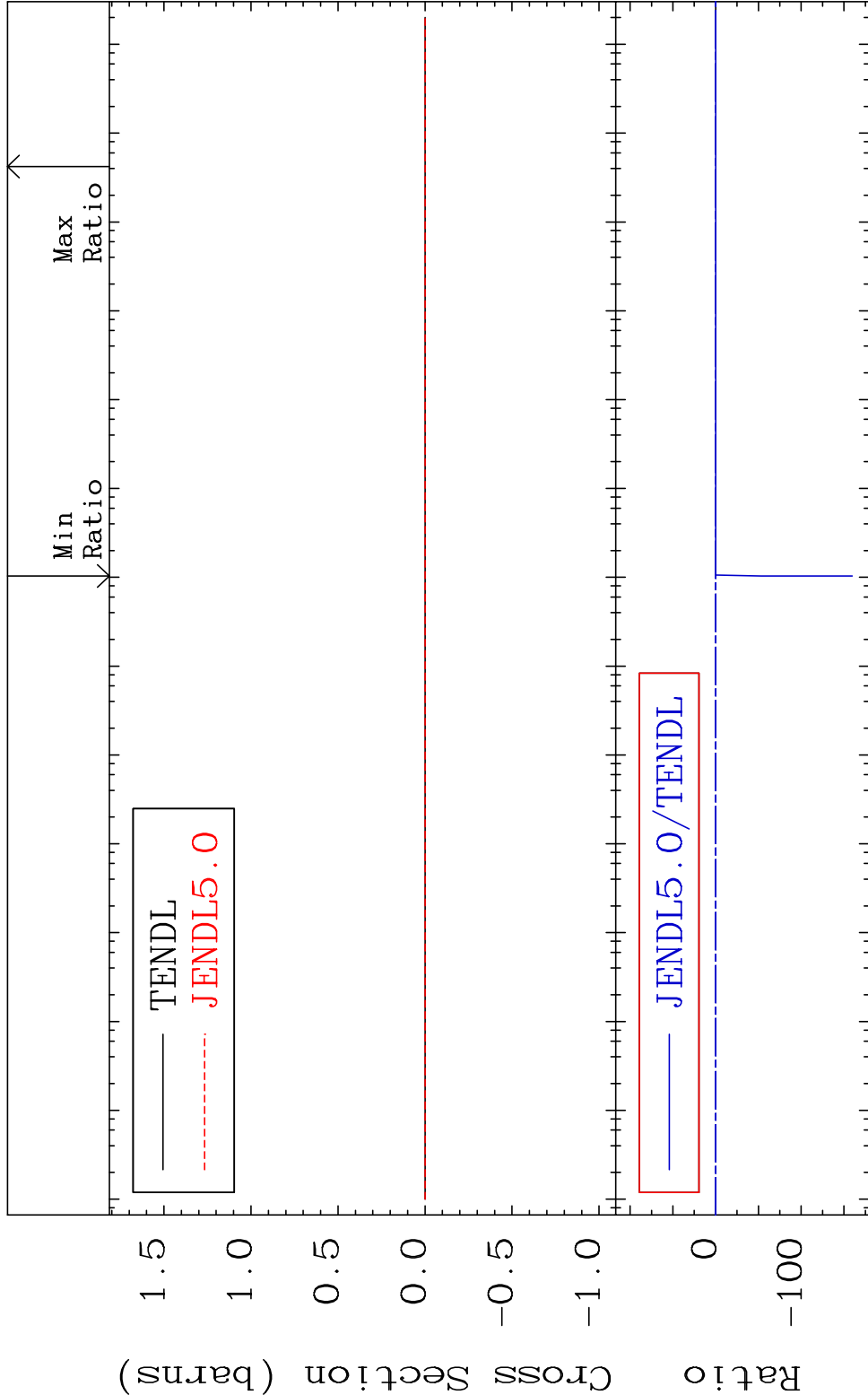
MAT 5447 Kerma inelastic (mt51-91) 54-Xe-131m
Cross Section -9999. To 170.1 %

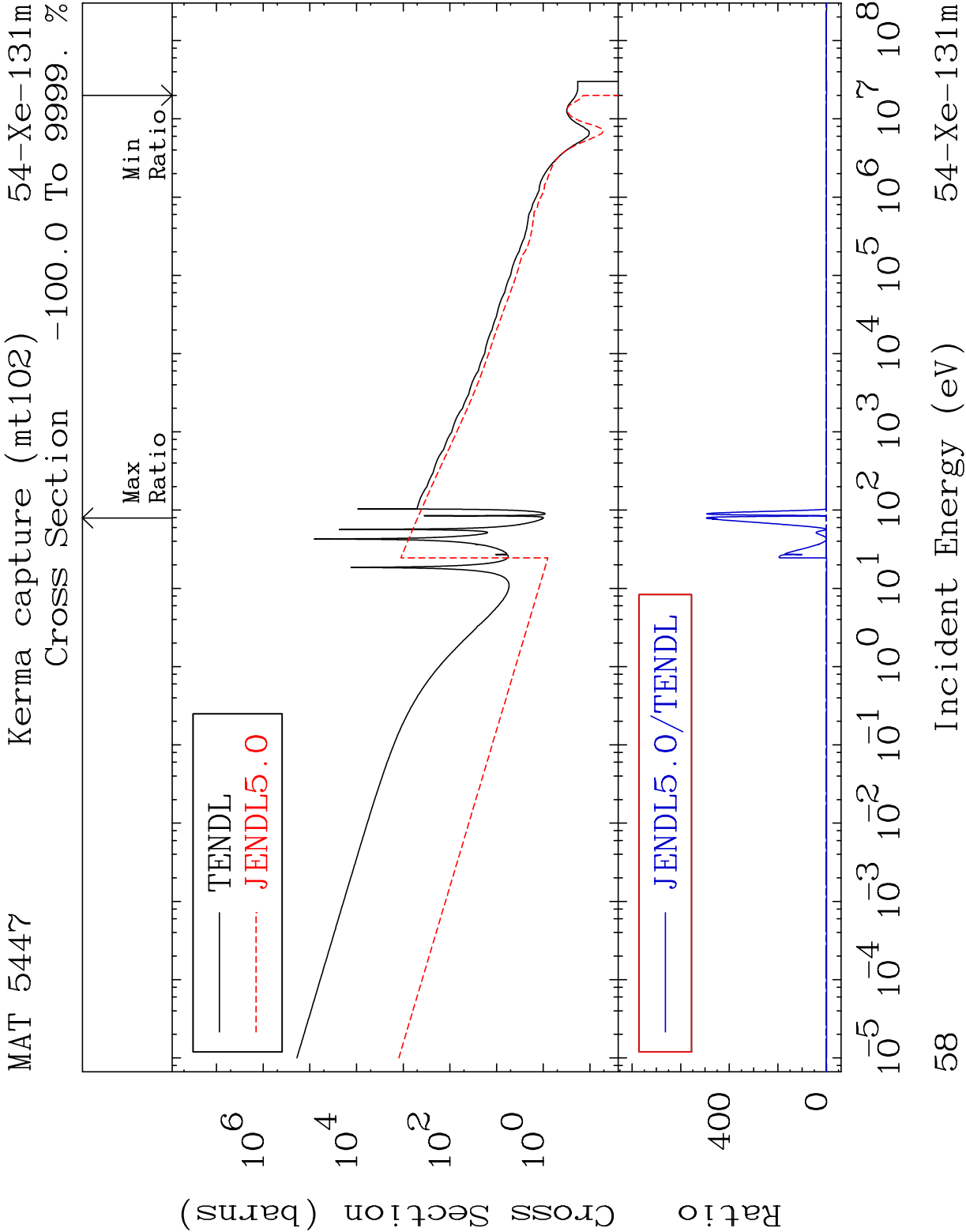


56 Incident Energy (eV) 54-Xe-131m

MAT 5447 Kerma fission (mt18 or mt19-20-21-35)-Xe-131m

Cross Section -9999. To 170.1 %





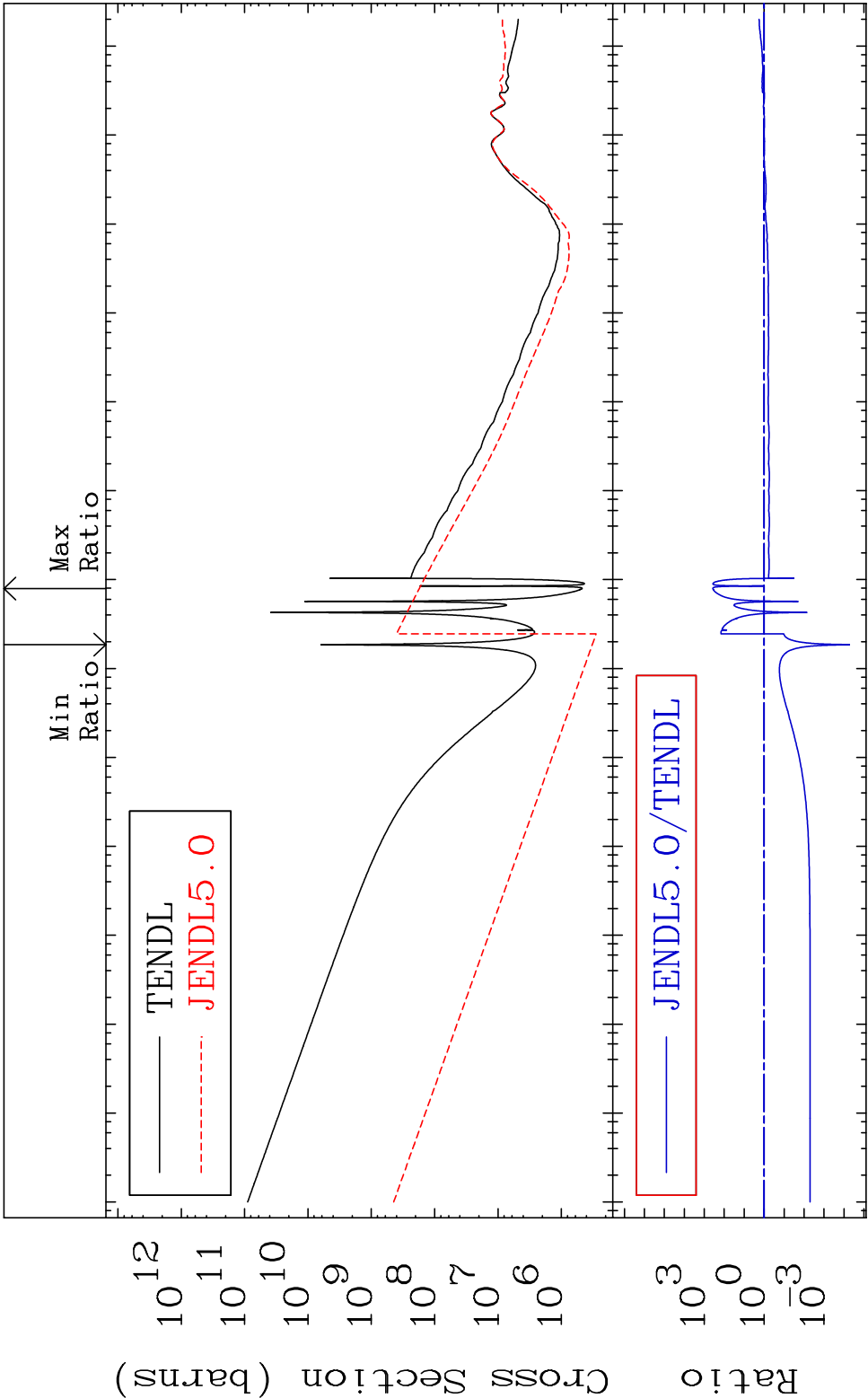
MAT 5447

Total photon (eV-barns)

54-Xe-131m

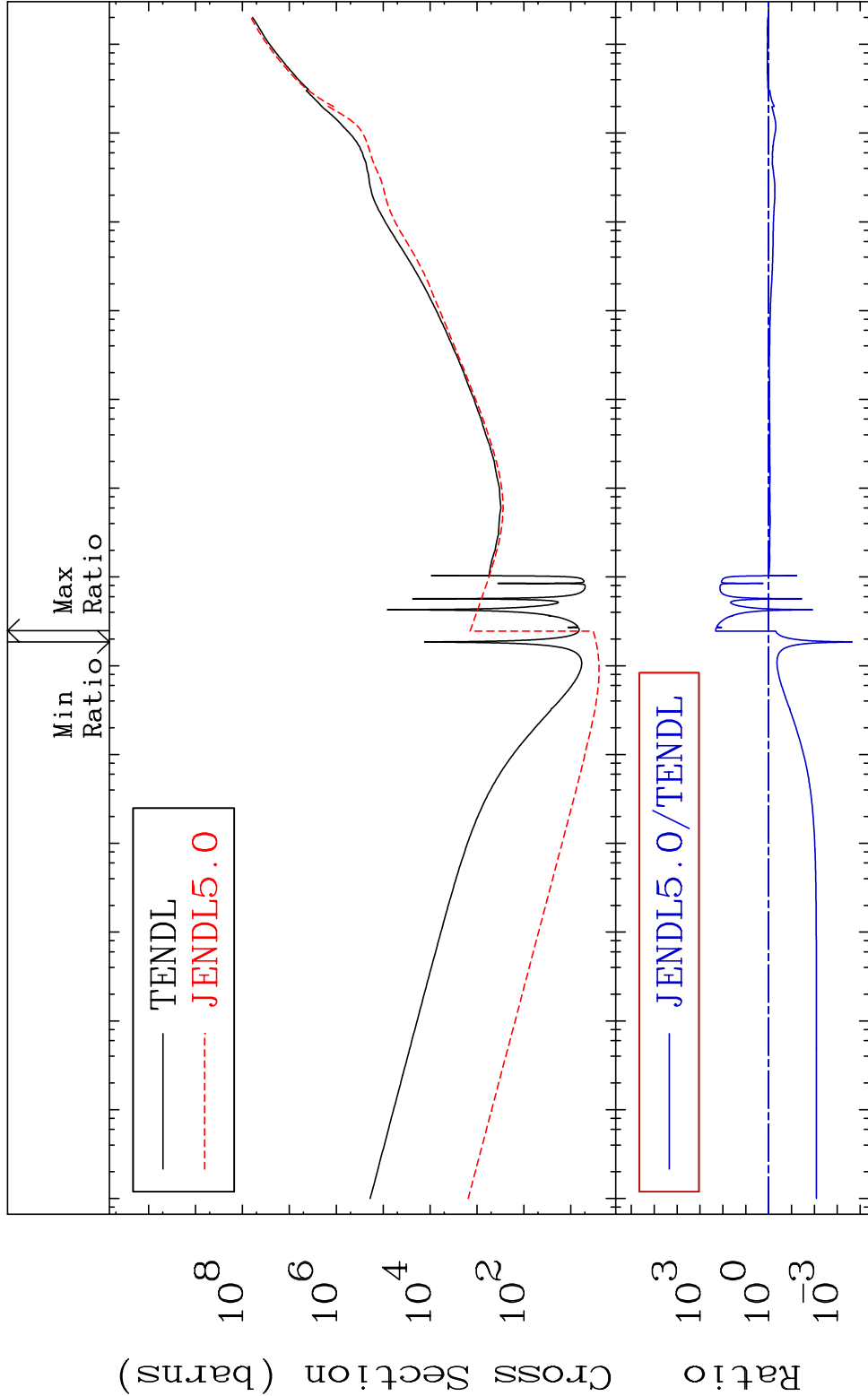
Cross Section

-99.99 To 9999. %



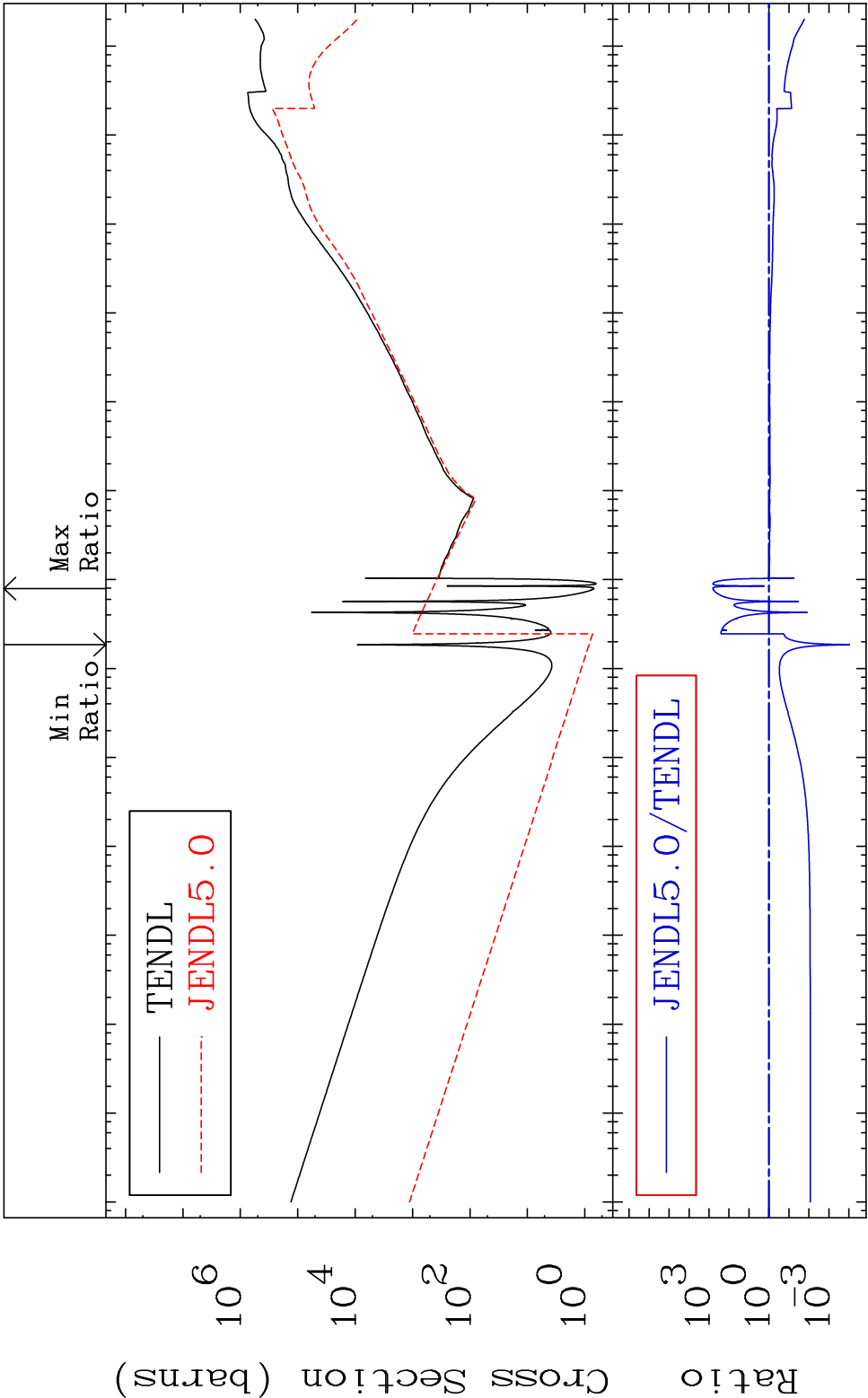
MAT 5447 Total kinematic kerma (high limit)54-Xe-131m

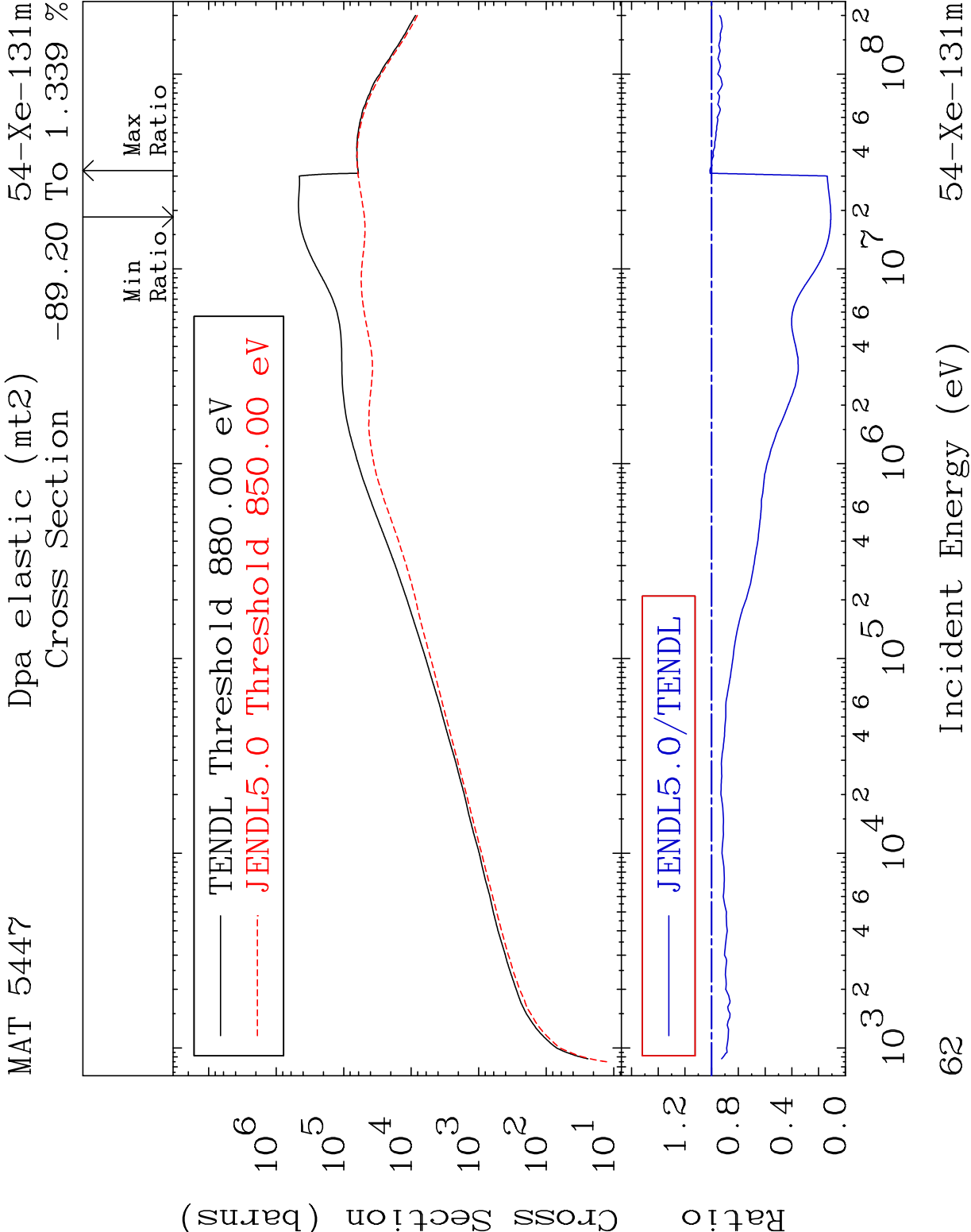
Cross Section -99.98 To 9999. %

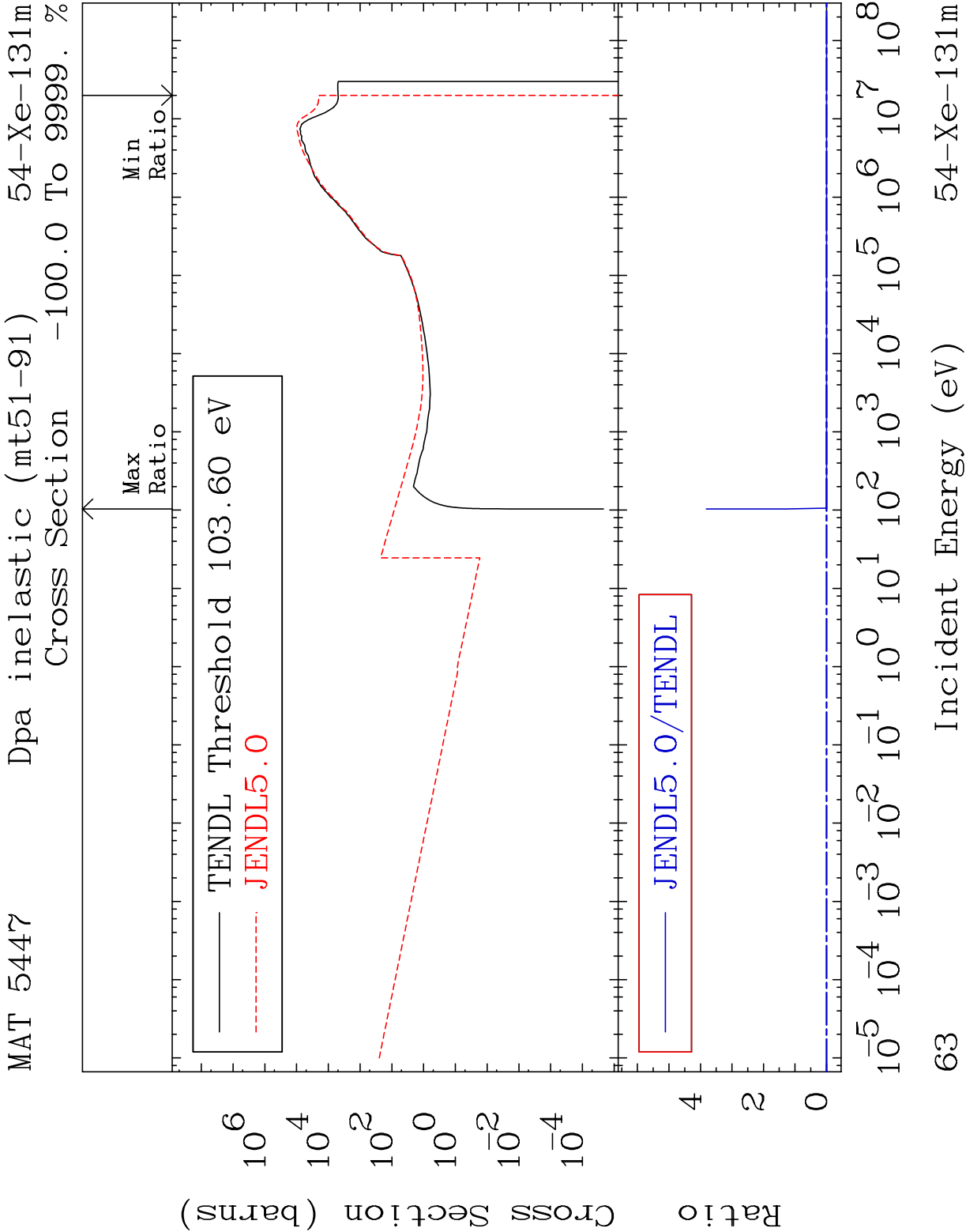


60 54-Xe-131m

MAT 5447	Dpa total (eV-barns)	54-Xe-131m
	Cross Section	-99.99 To 9999. %







MAT 5447 Dpa disappearance (mt102 -120) 54-Xe-131m
Cross Section -100.0 To 9999. %

