

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

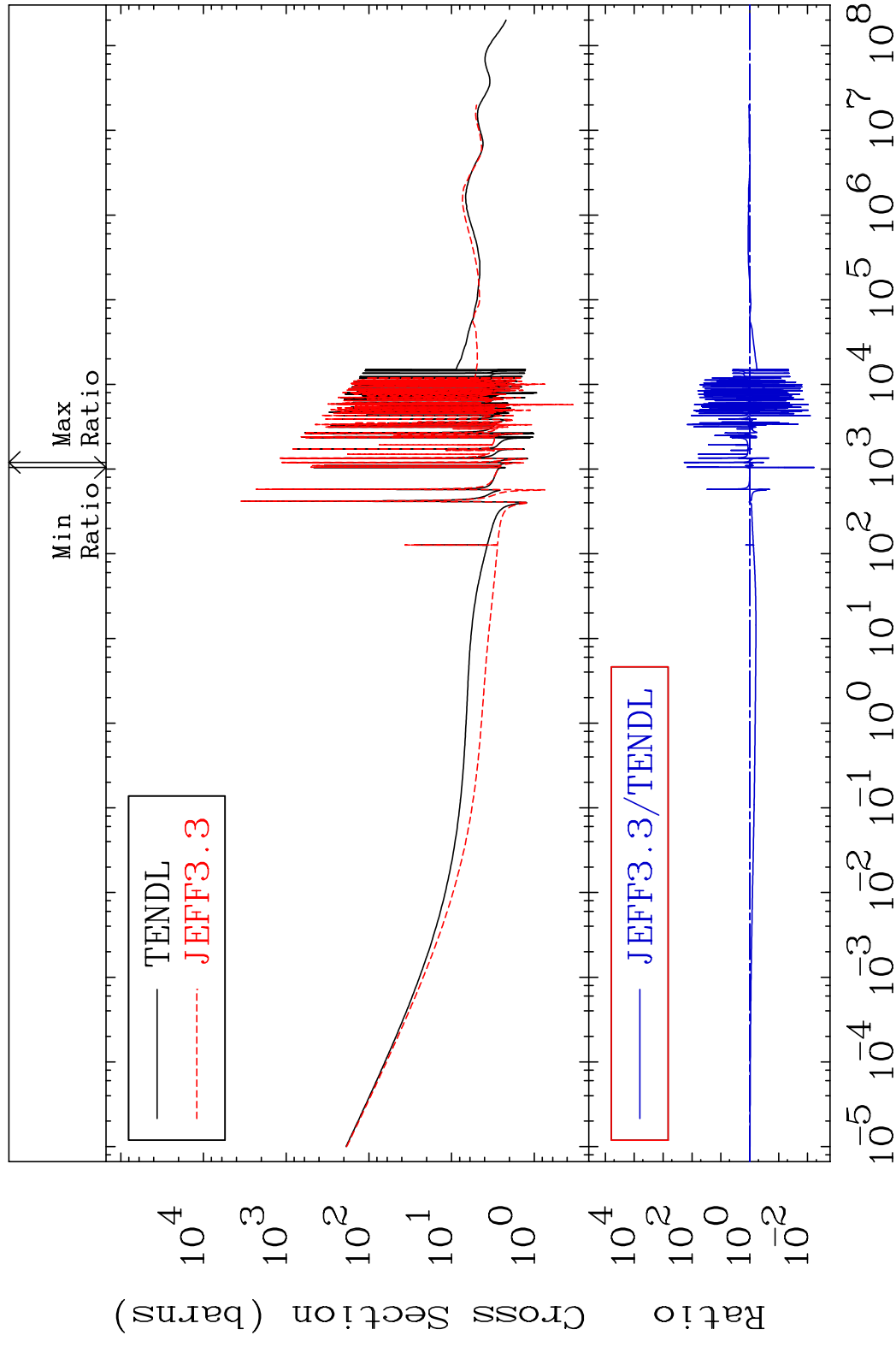
Press Mouse Button to Start

MAT 5646

Total

56-Ba-137

Cross Section -99.41 To 9999. %



1

Incident Energy (eV)

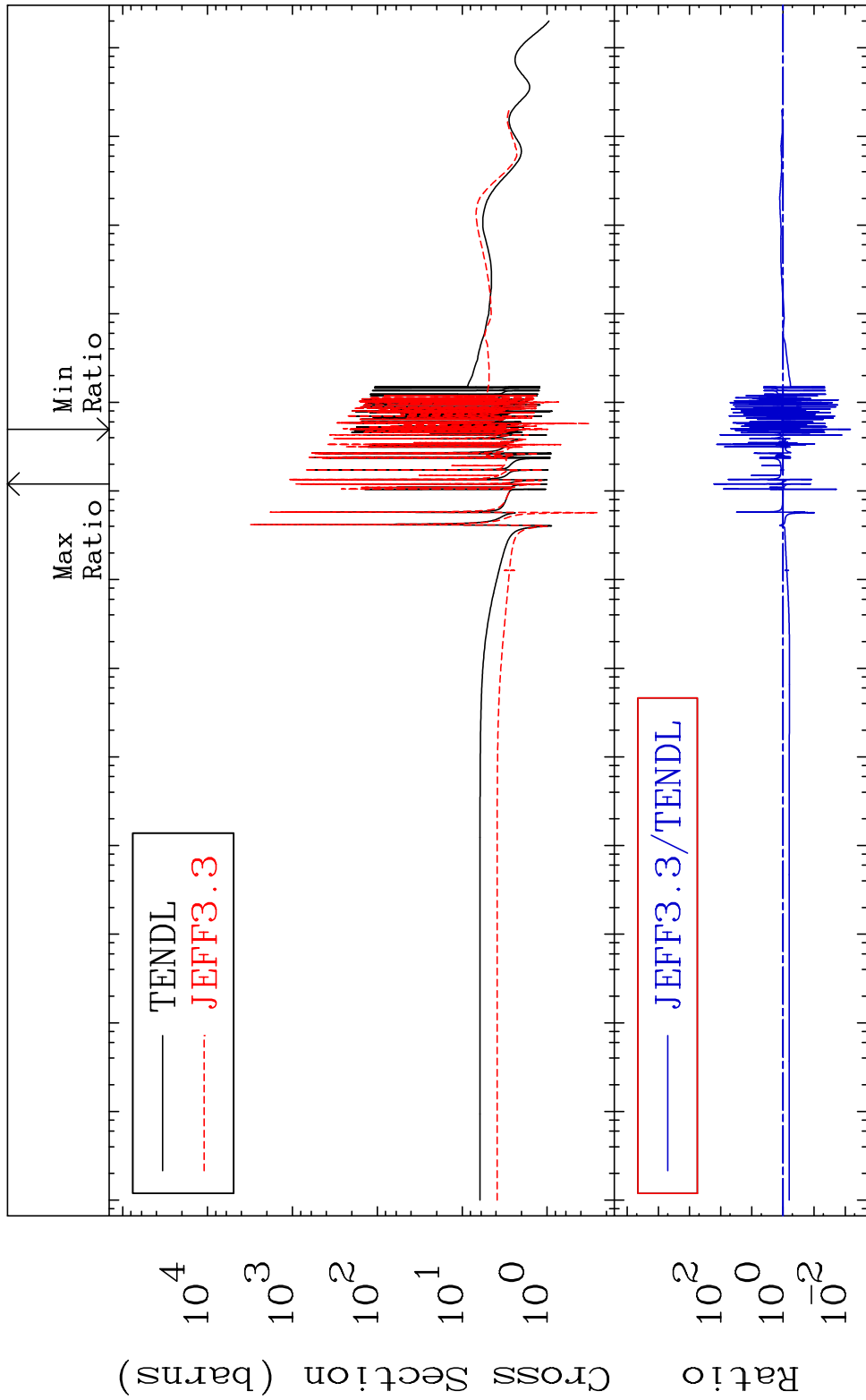
56-Ba-137

MAT 5646

Elastic

56-Ba-137

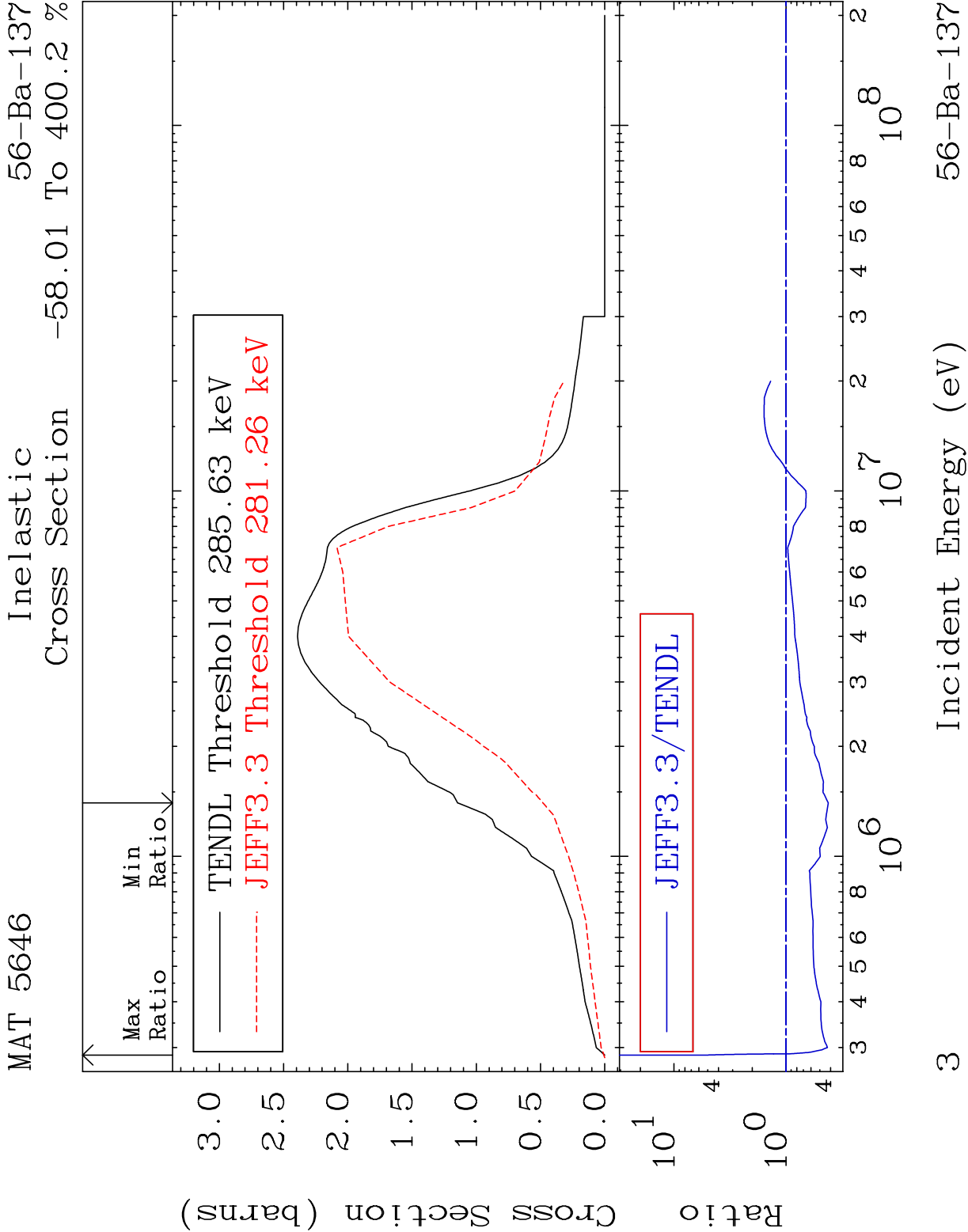
Cross Section -99.31 To 9999. %

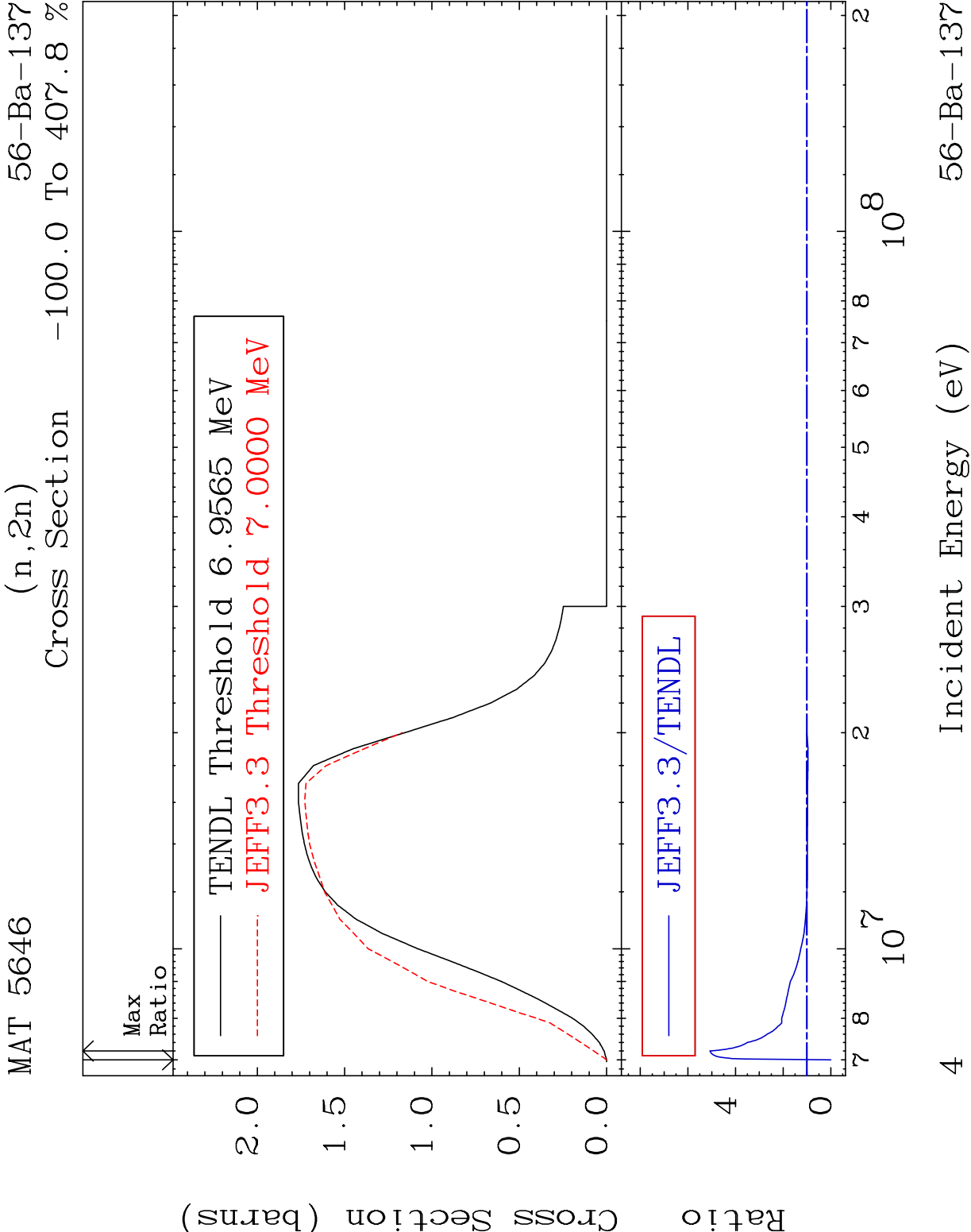


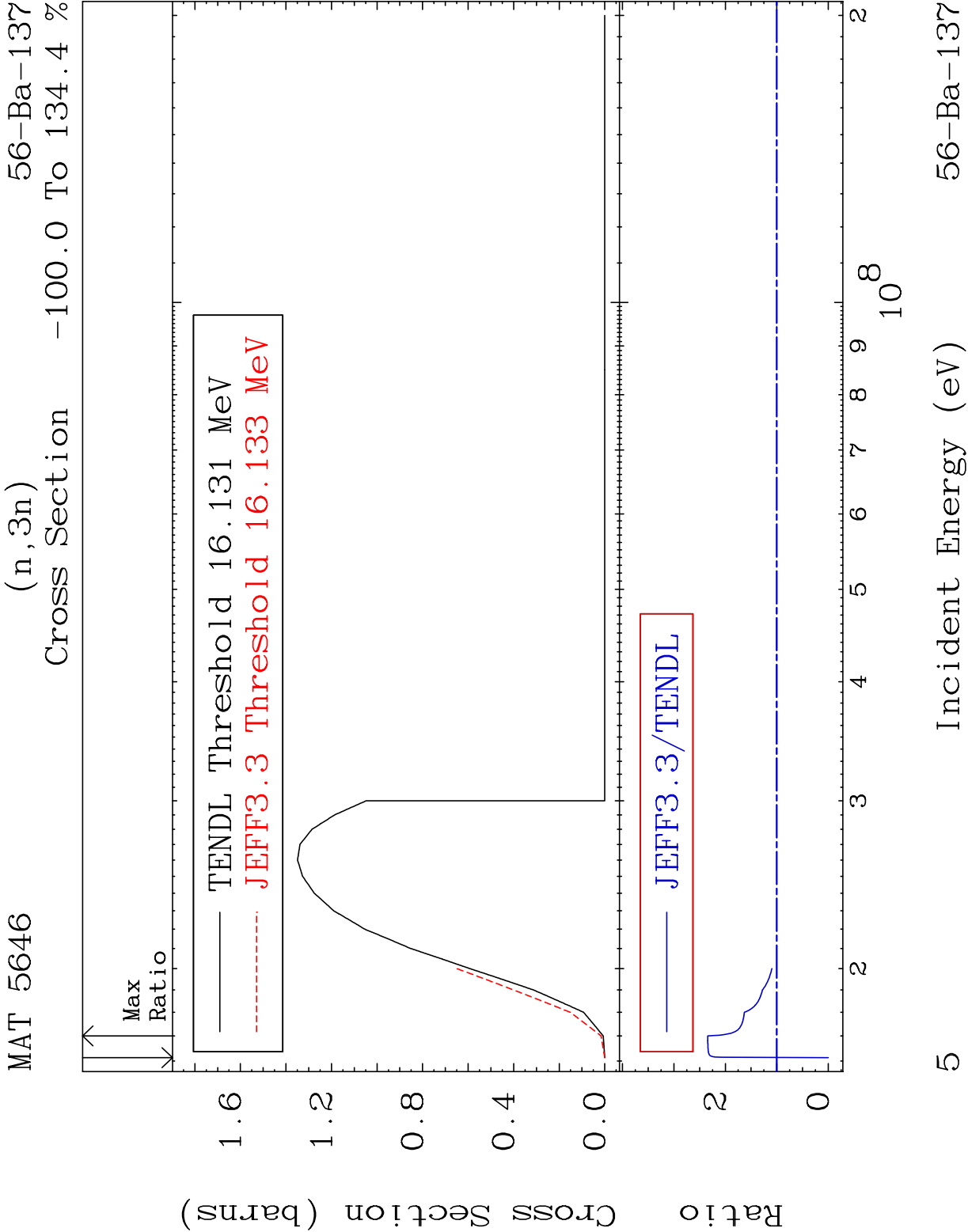
2

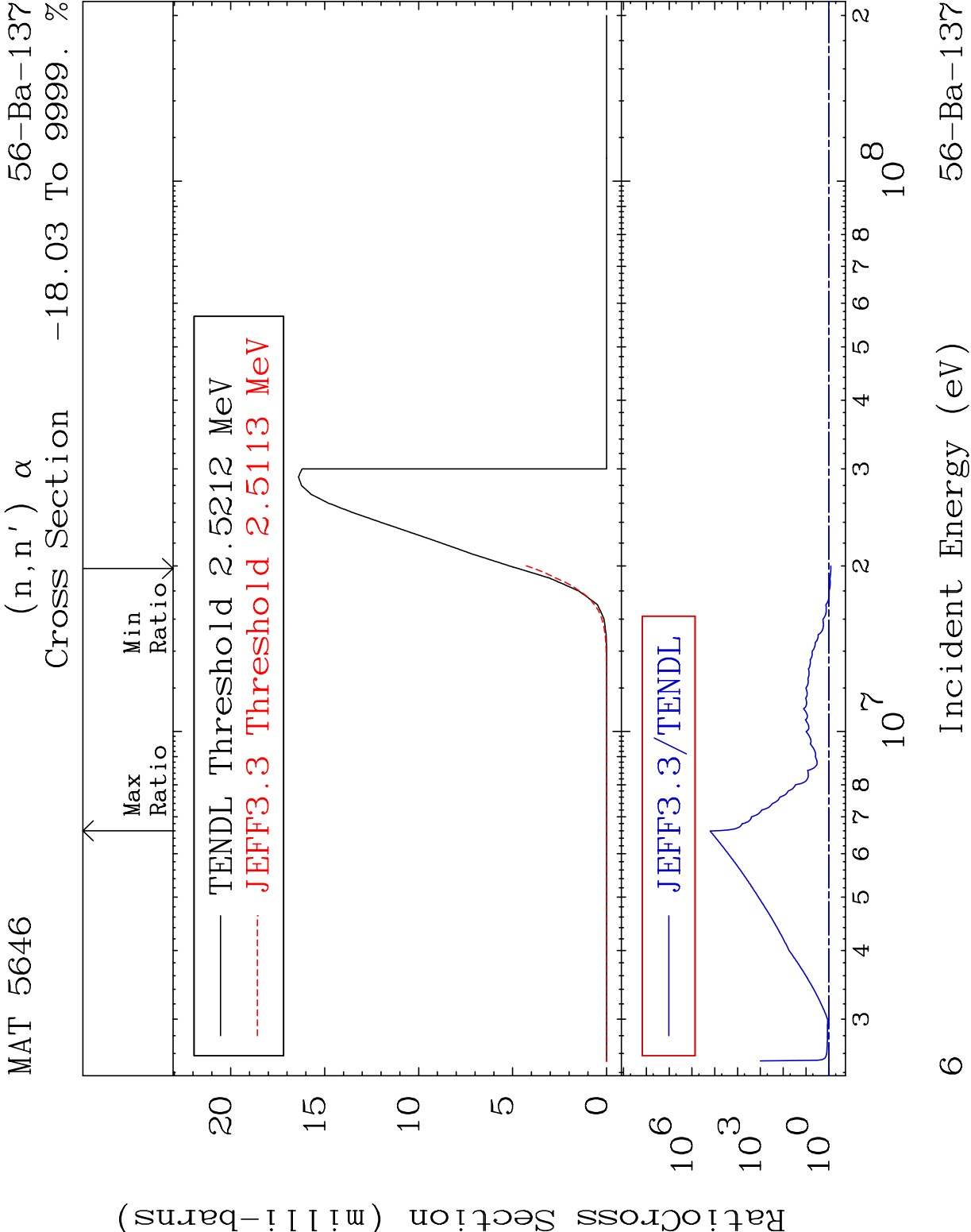
Incident Energy (eV)

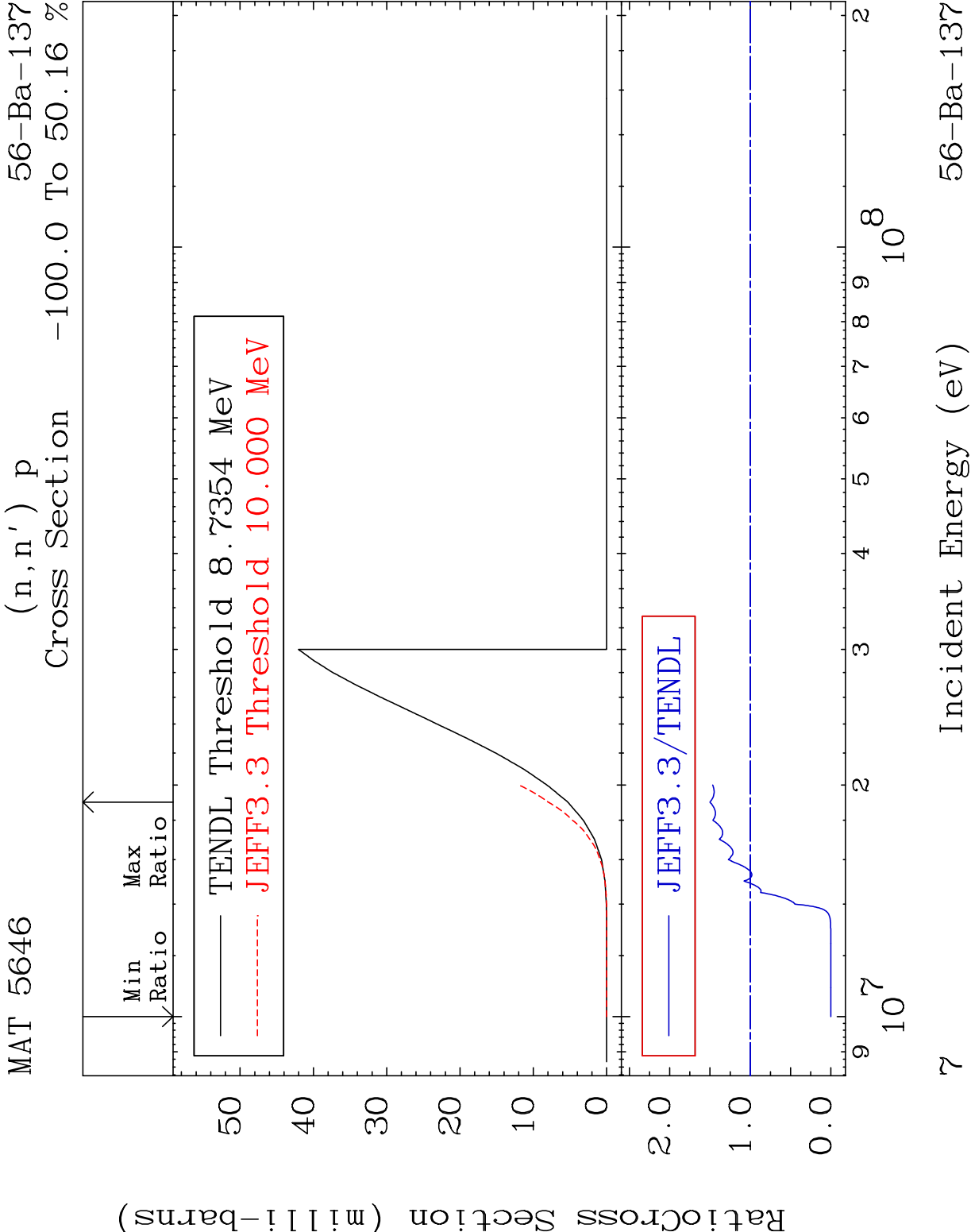
56-Ba-137









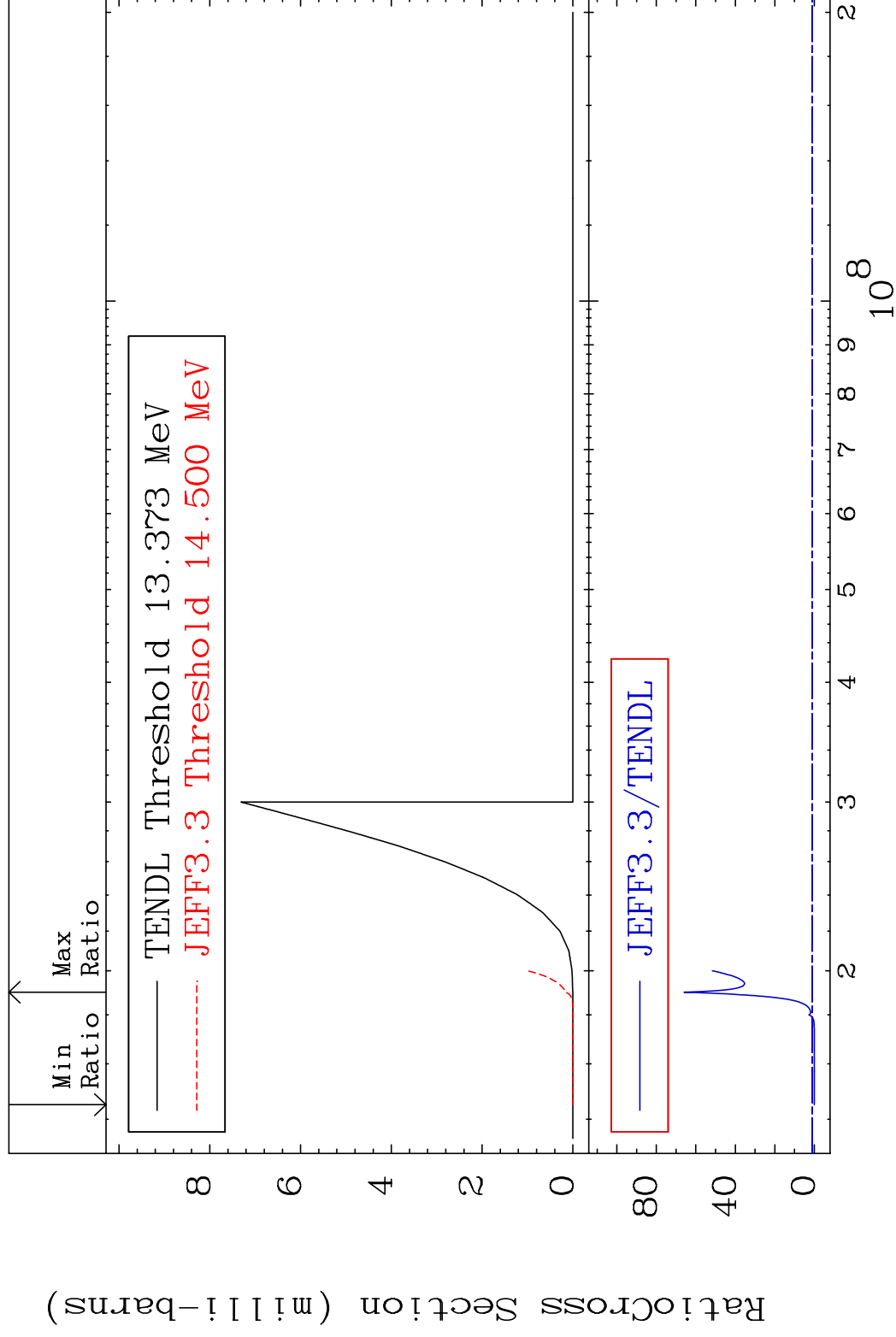


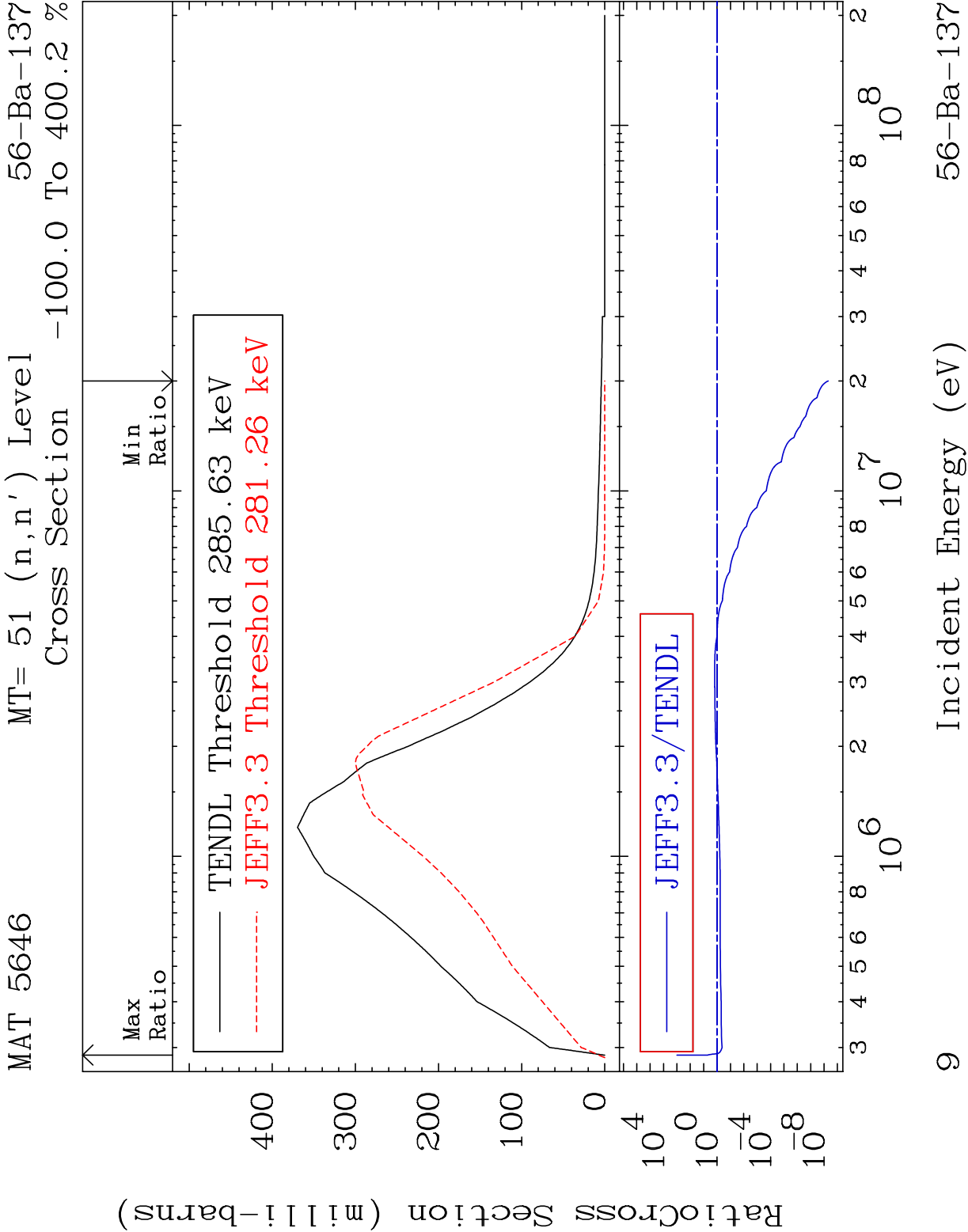
MAT 5646

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

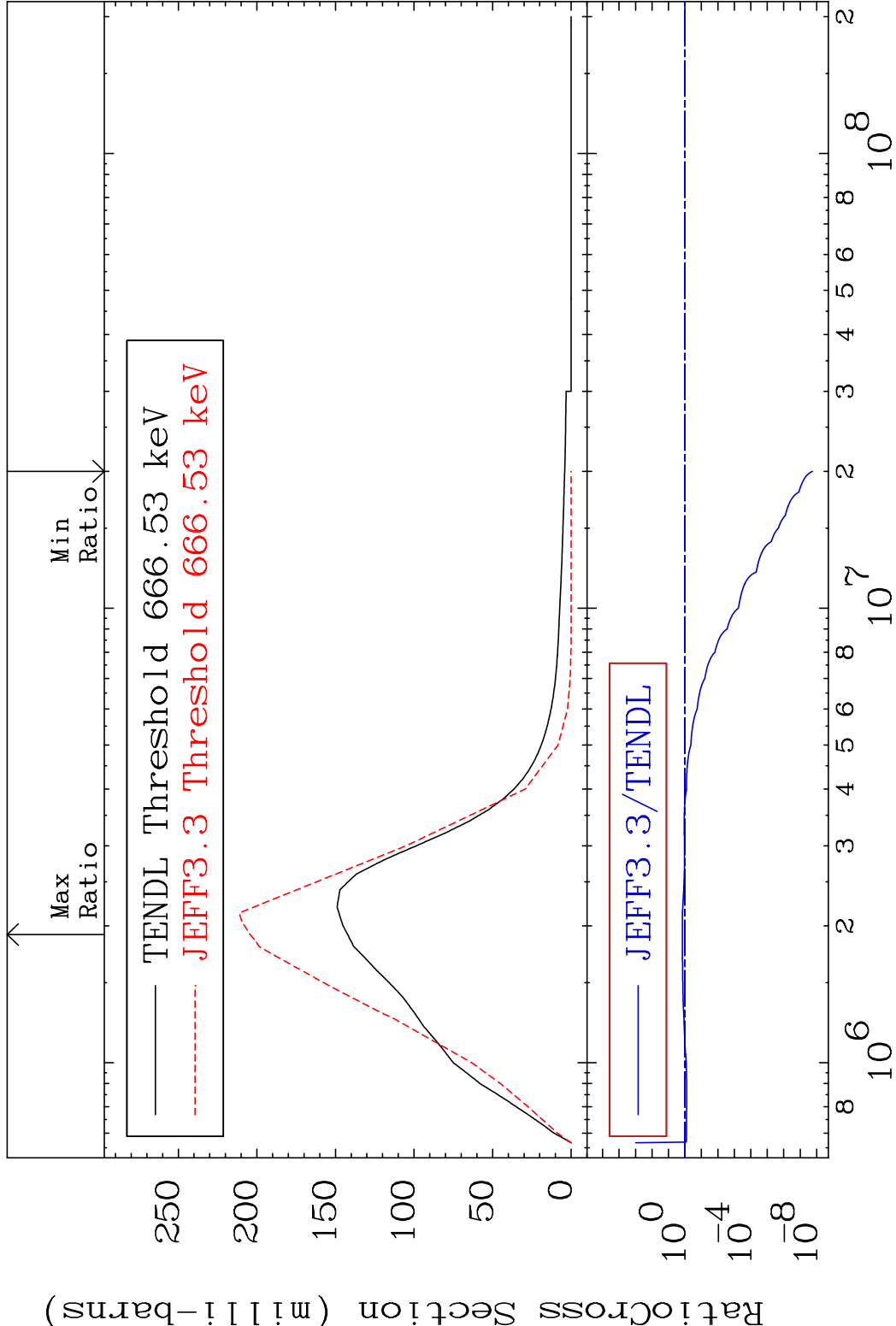
56-Ba-137

Cross Section	-100.0 To 6496. %
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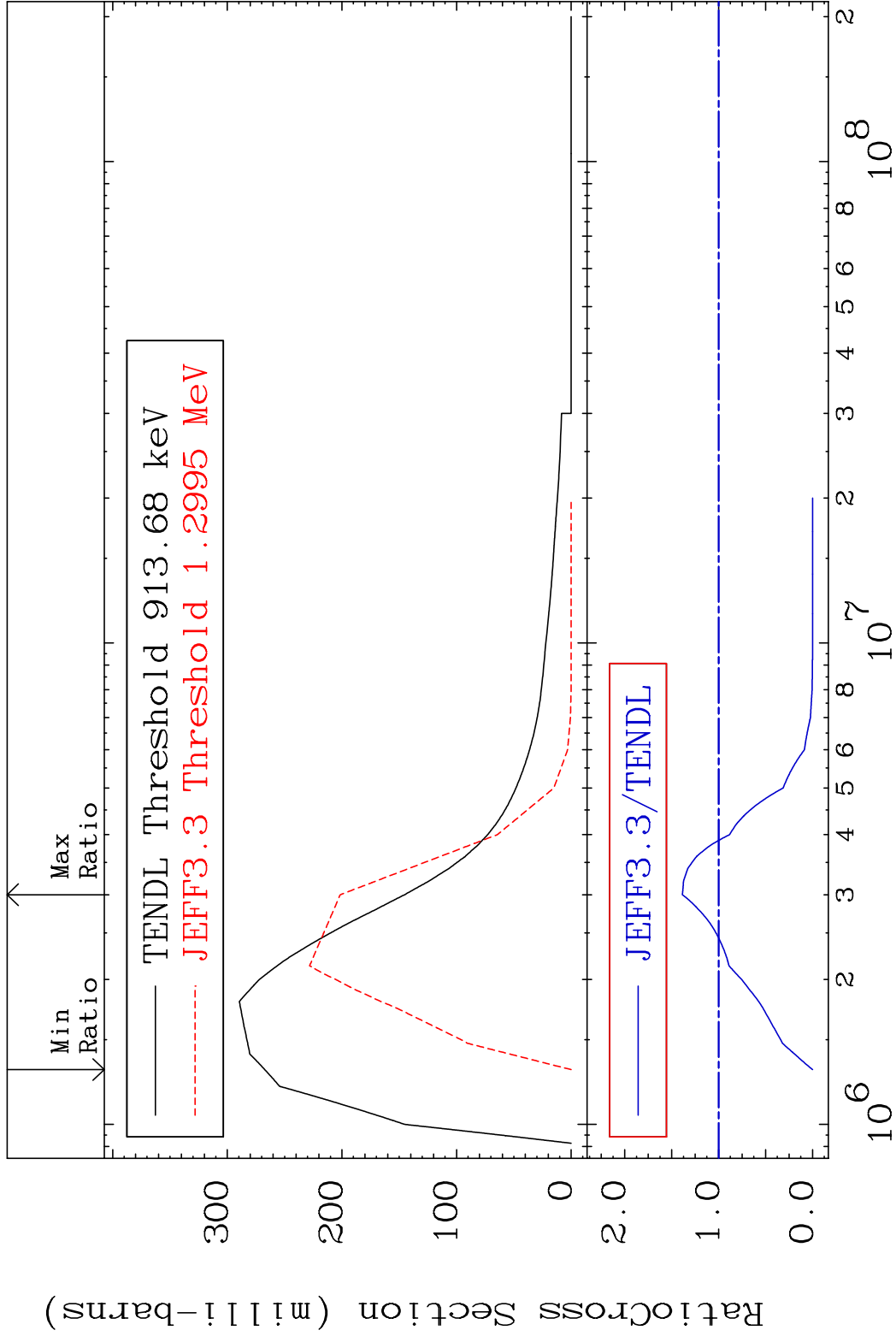


MAT 5646 MT= 52 (n,n') Level 56-Ba-137
Cross Section -100.0 To 43.69 %



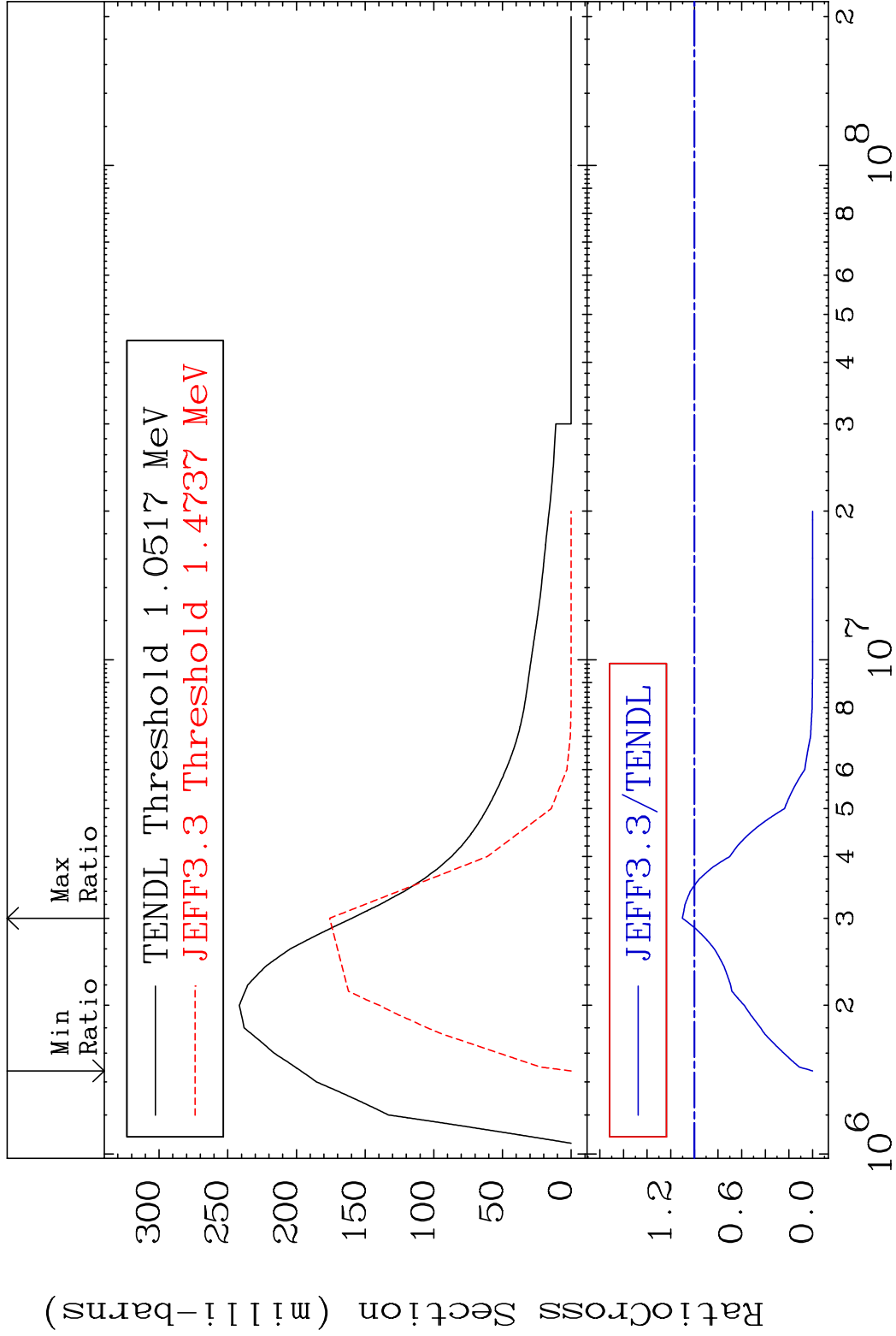
10 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 53 (n,n') Level 56-Ba-137
Cross Section -100.0 To 38.63 %

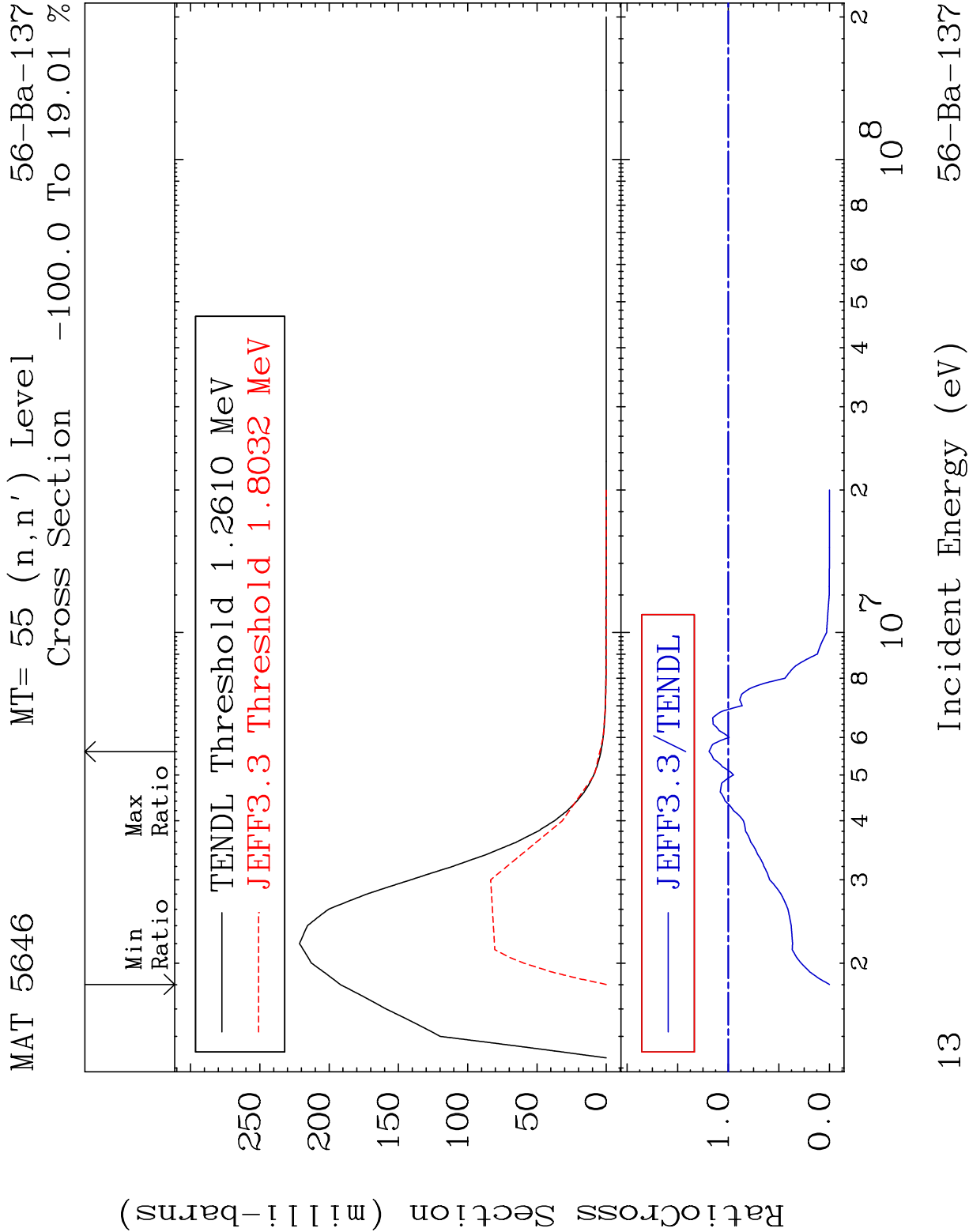


11 Incident Energy (eV) 56-Ba-137

MAT 5646 MT= 54 (n,n') Level 56-Ba-137
Cross Section -100.0 To 10.20 %



12 Incident Energy (eV) 56-Ba-137



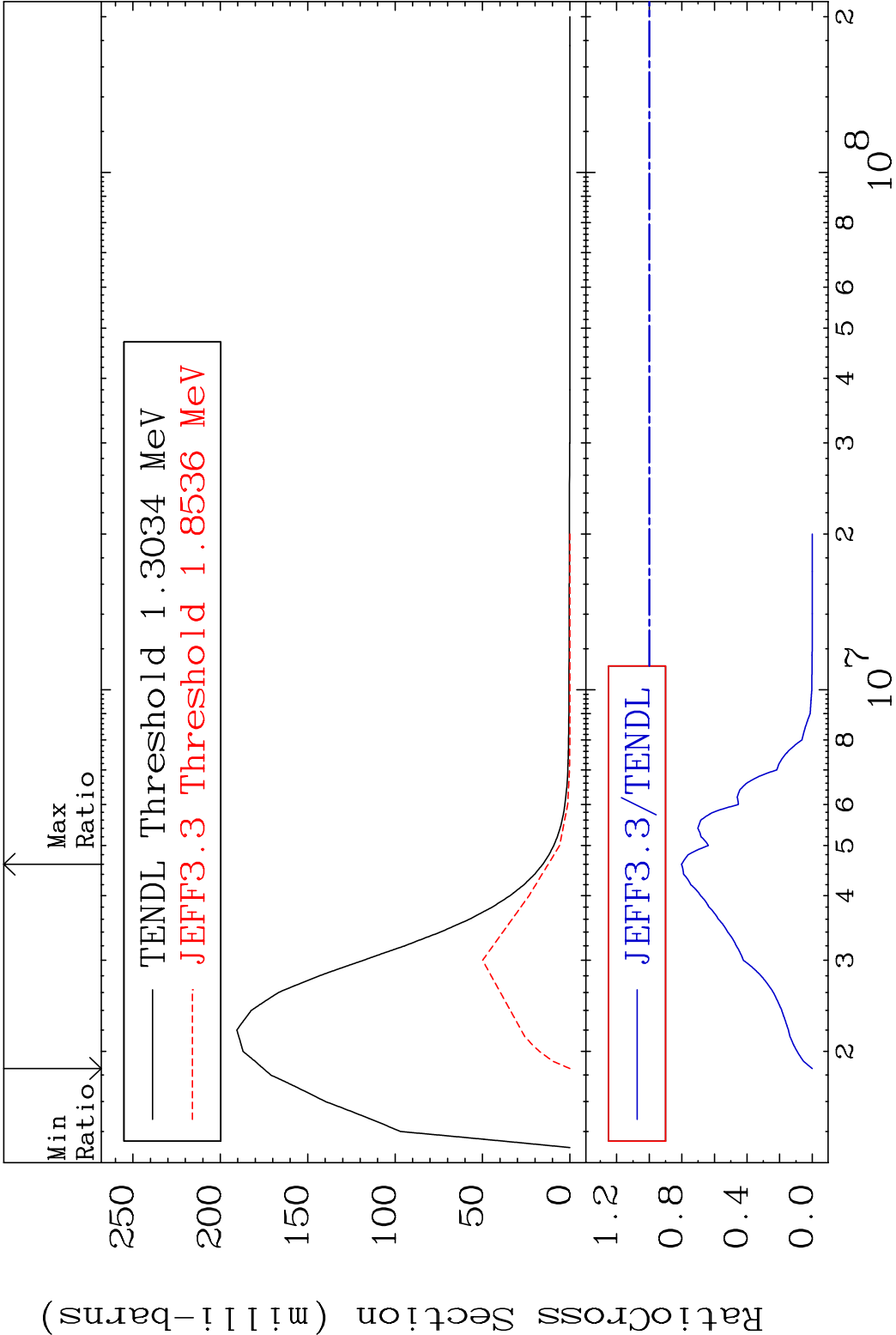
MAT 5646

MT= 56 (n,n') Level

56-Ba-137

Cross Section

-100.0 To -19.81%



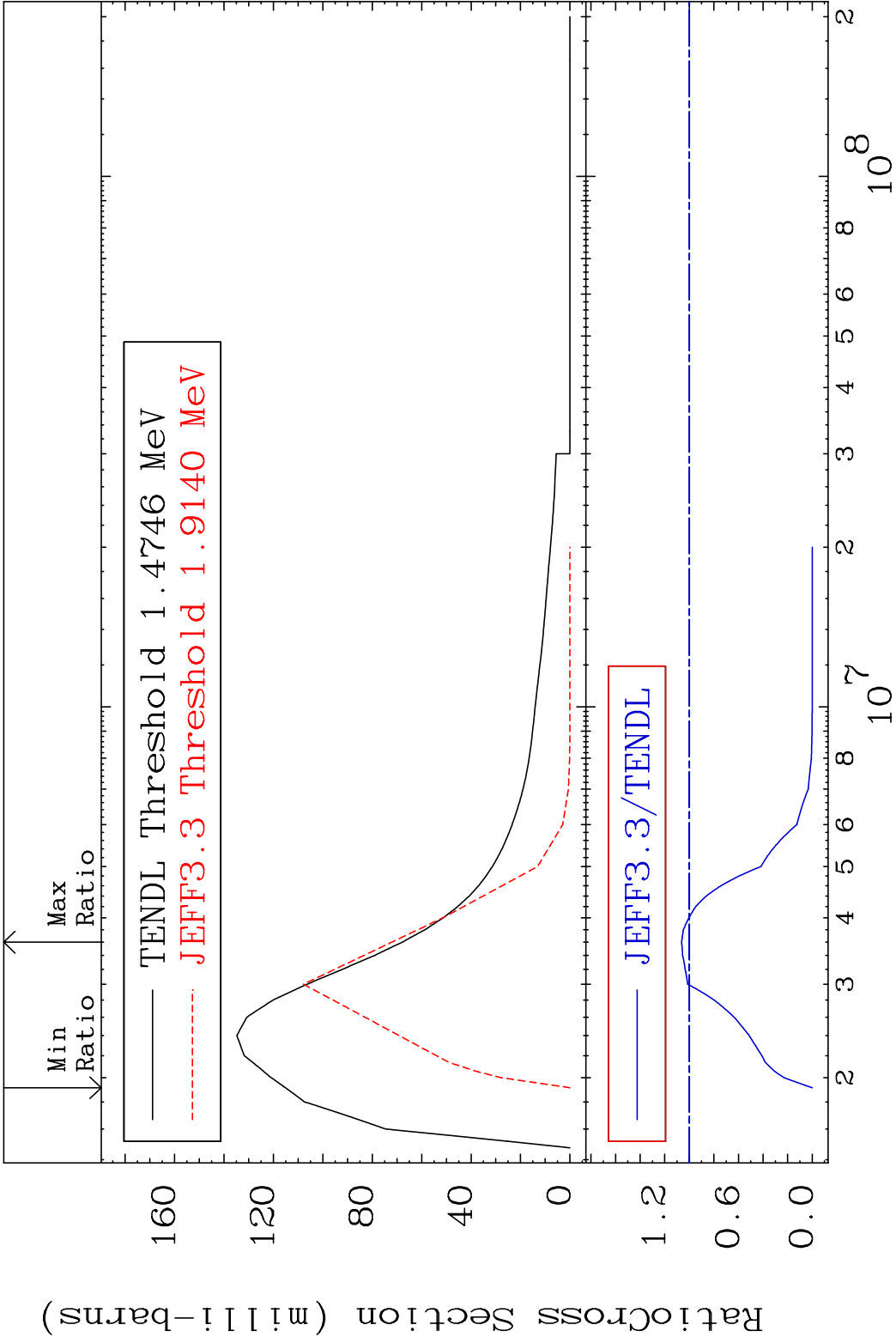
MAT 5646

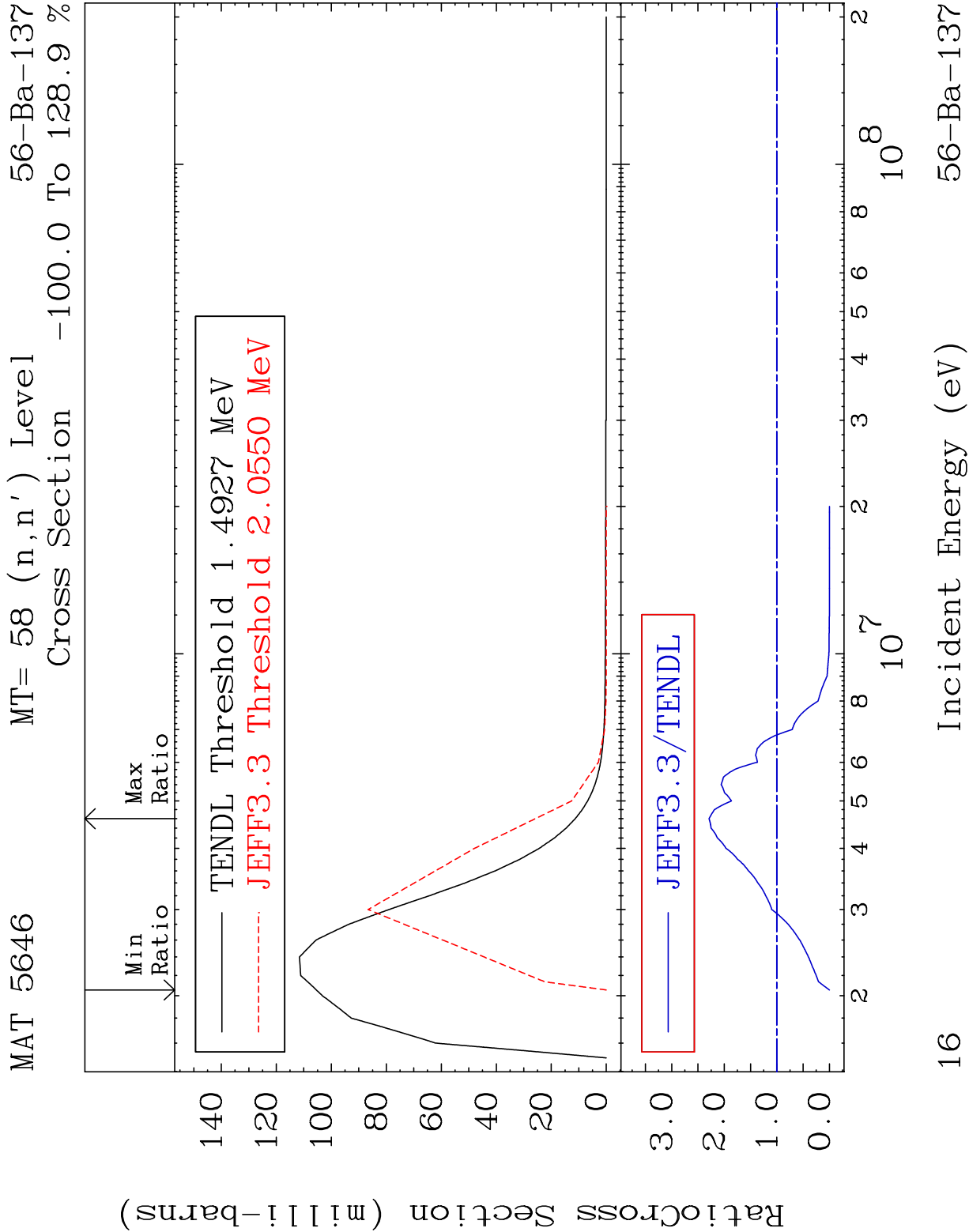
MT= 57 (n,n') Level

56-Ba-137

Cross Section

-100.0 To 6.322 %





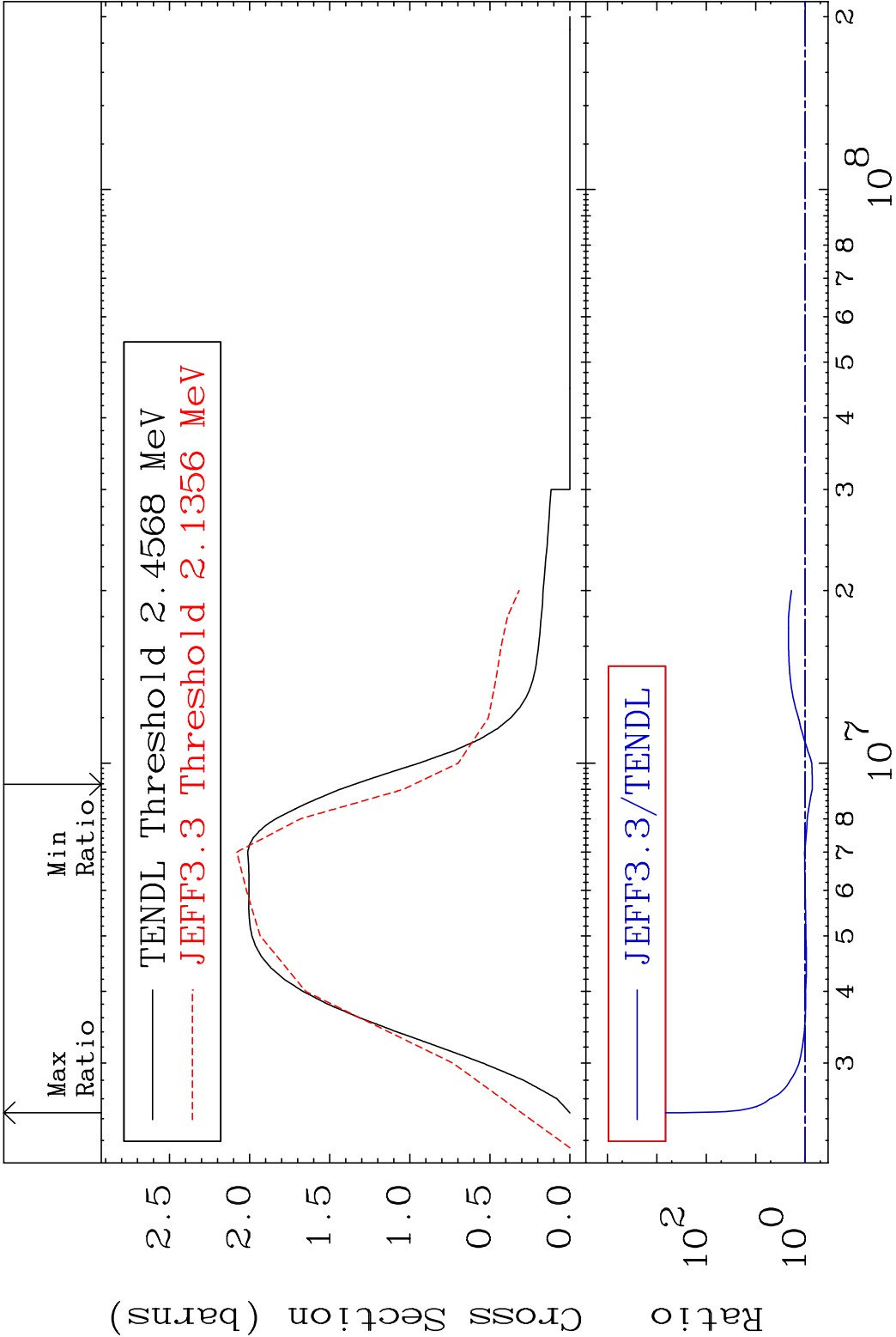
MAT 5646

(n,n') Continuum

56-Ba-137

Cross Section

-27.60 To 9999. %

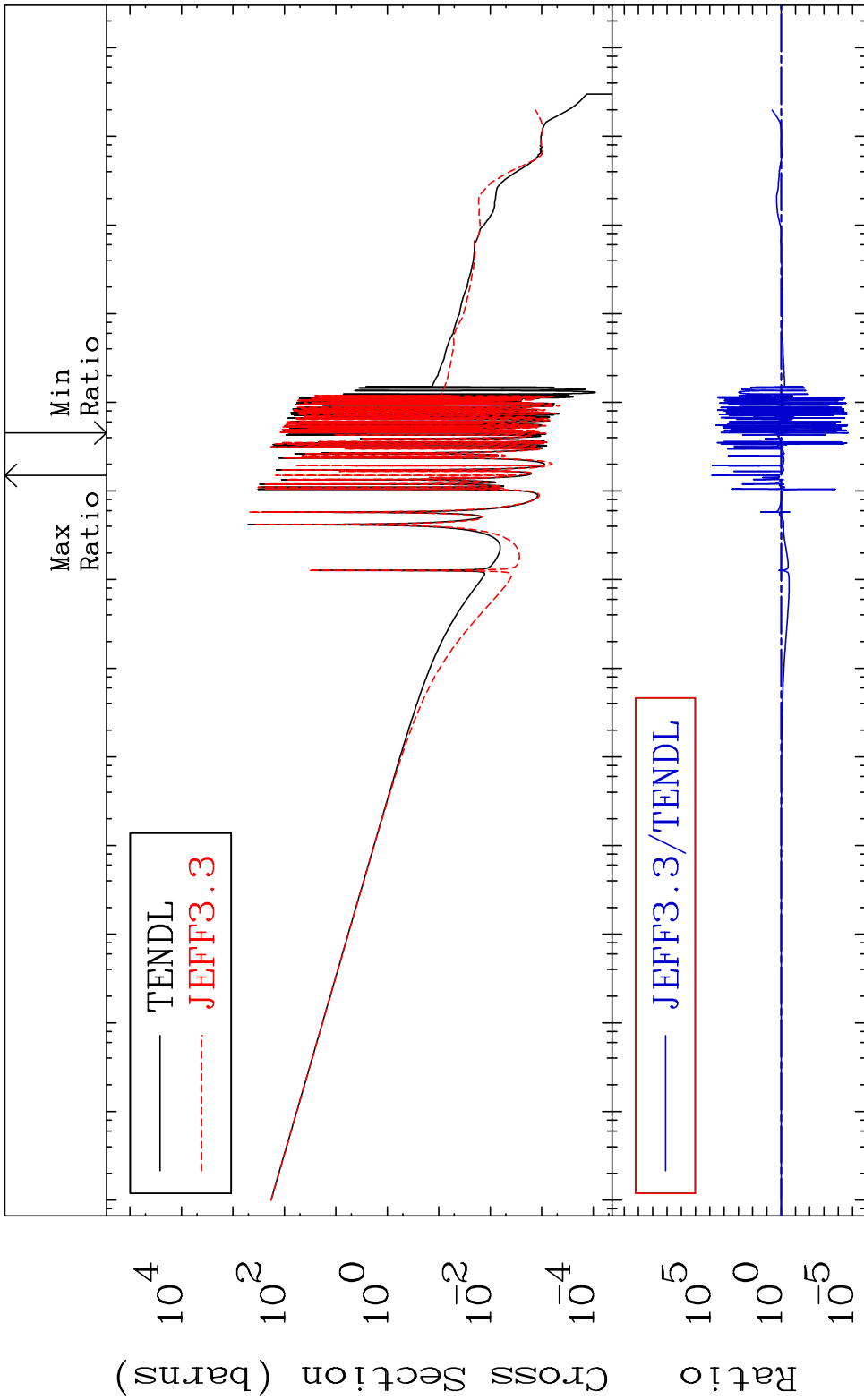


MAT 5646

(n, γ)

56-Ba-137

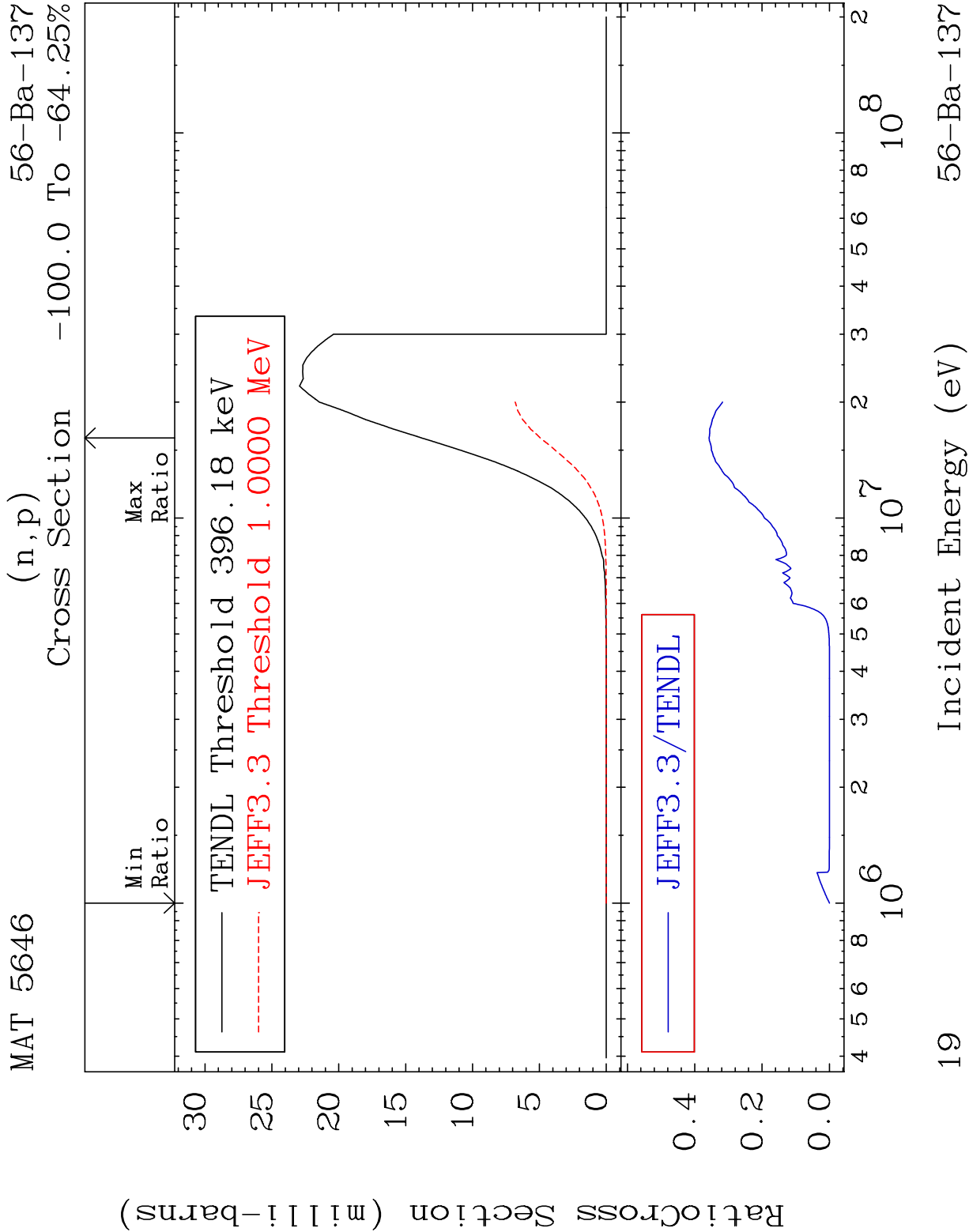
Cross Section -100.0 To 9999. %

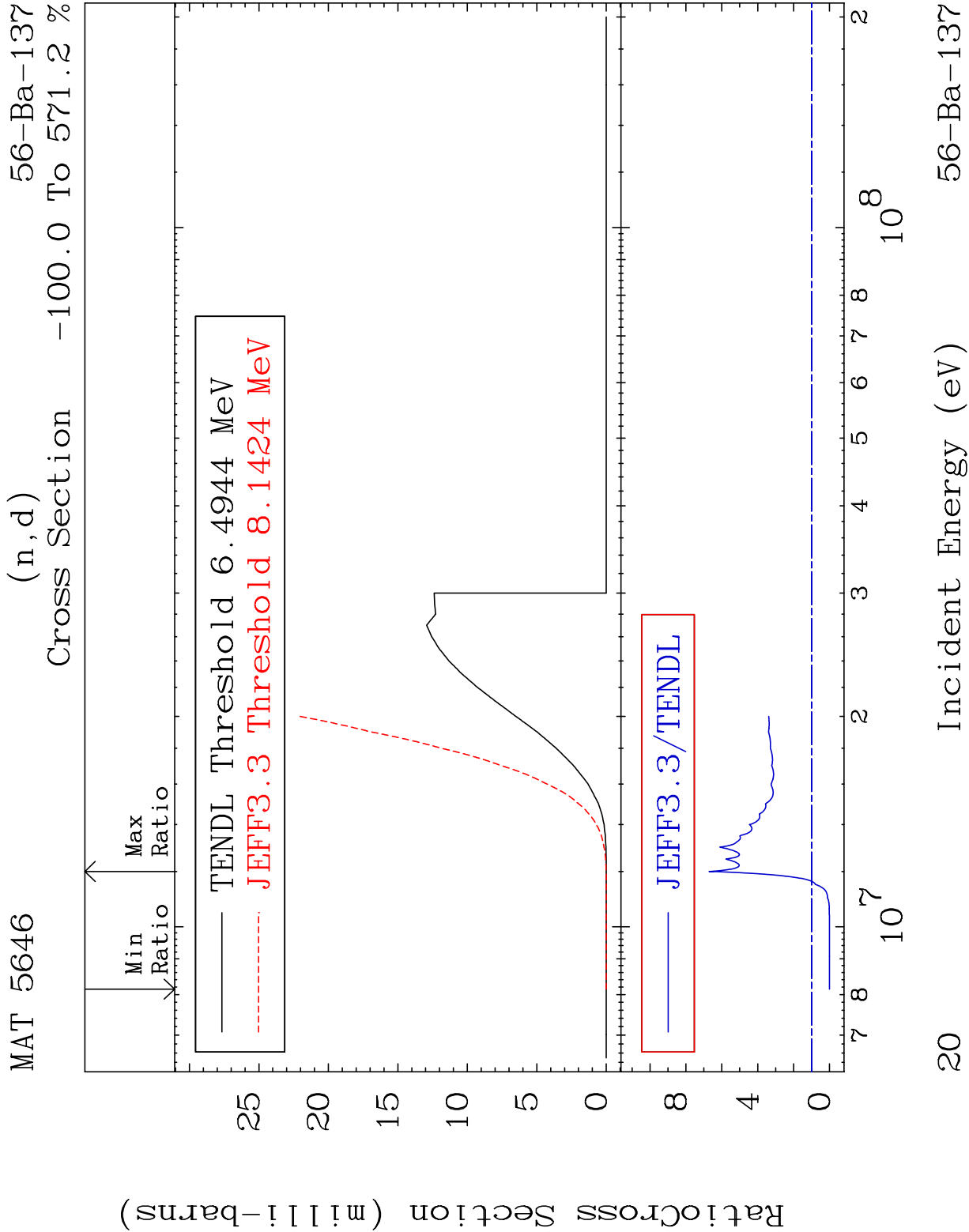


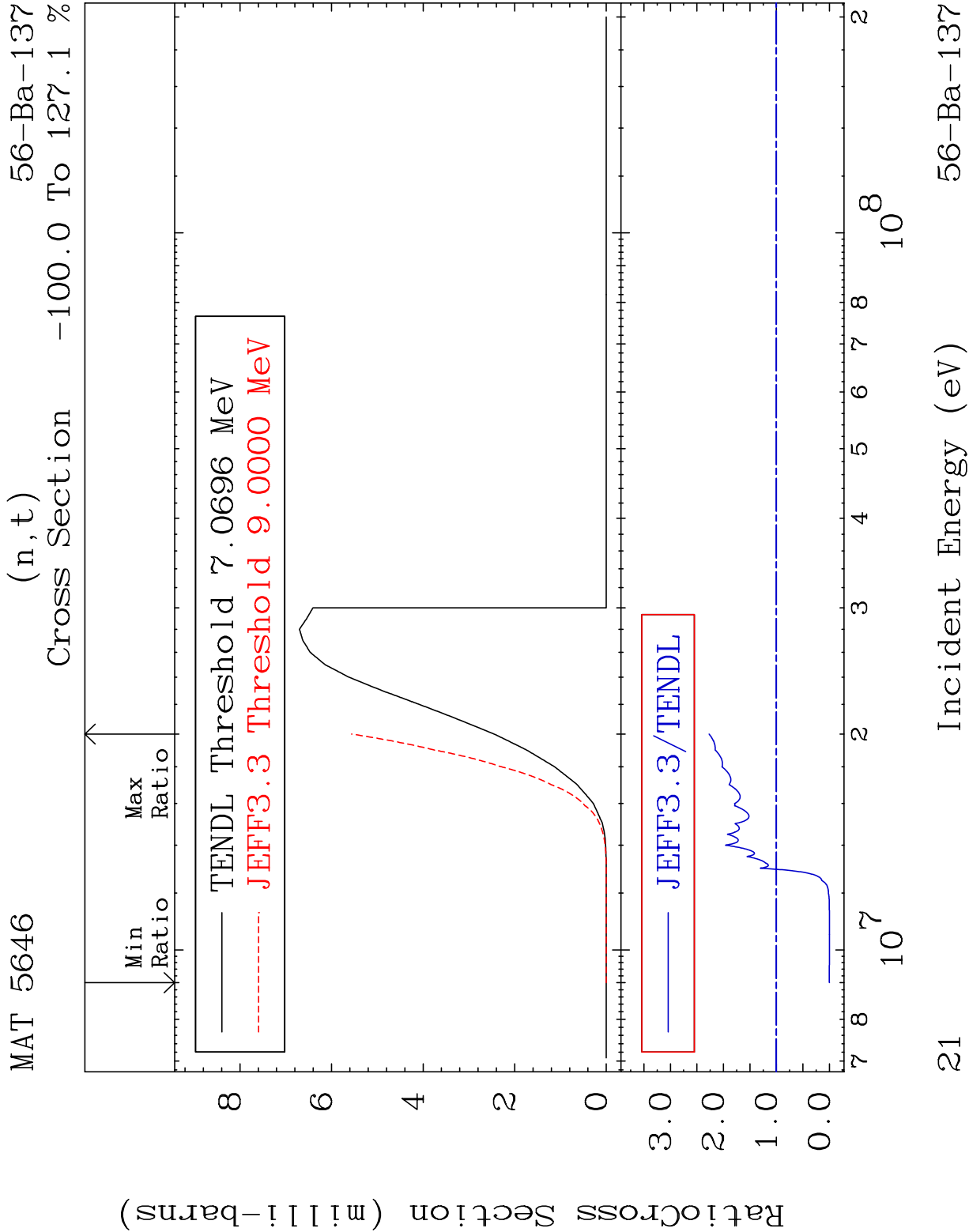
18

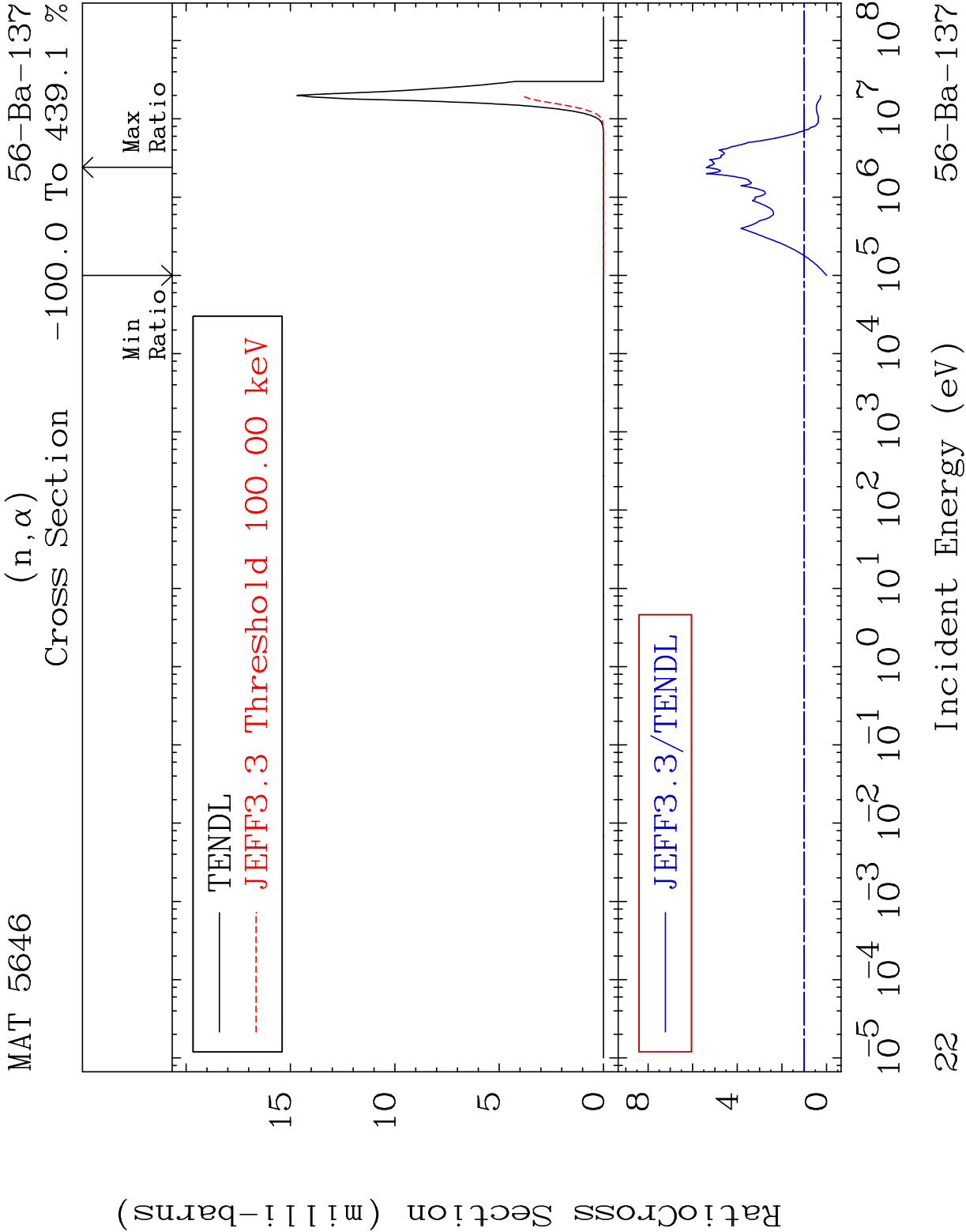
Incident Energy (eV)

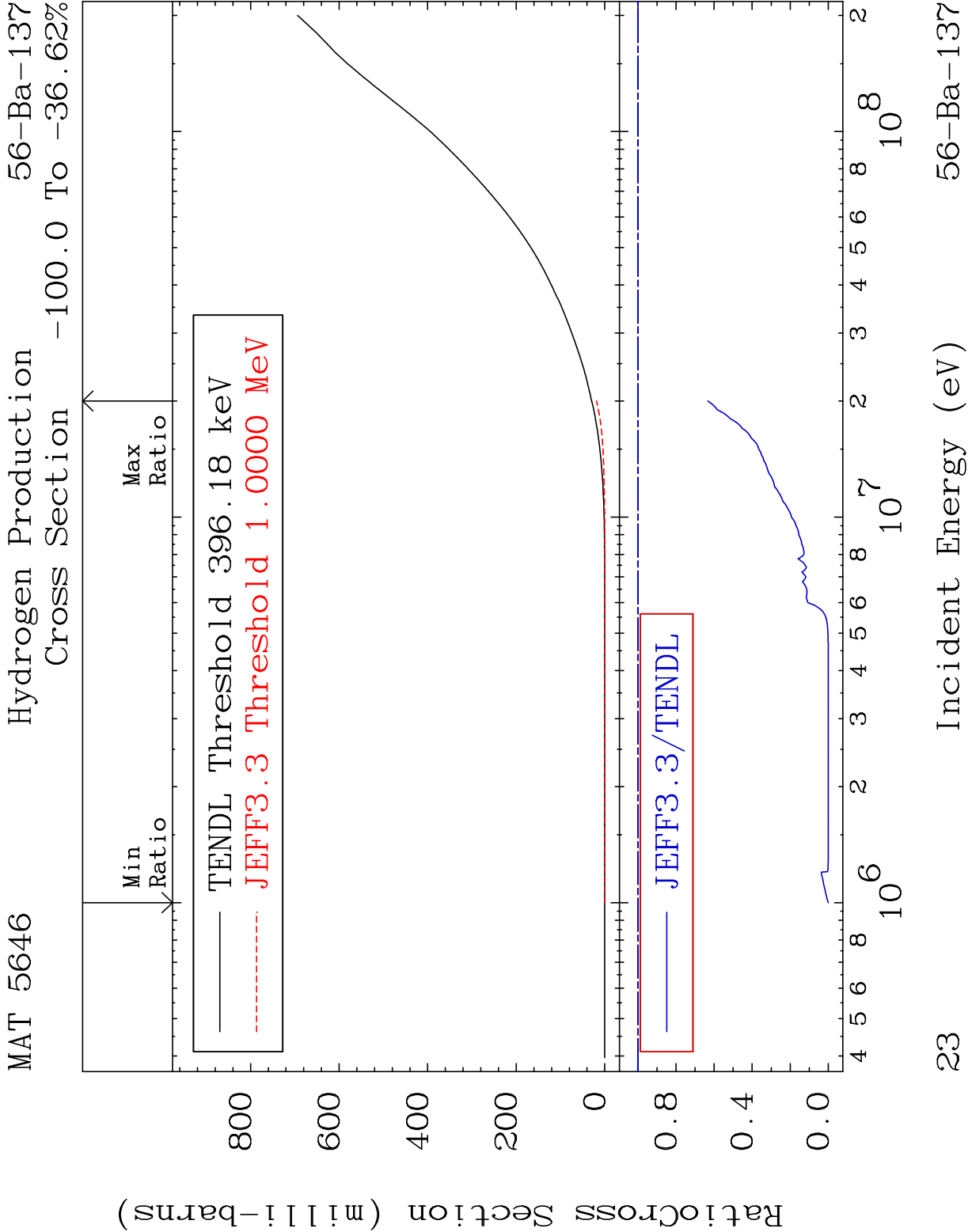
56-Ba-137



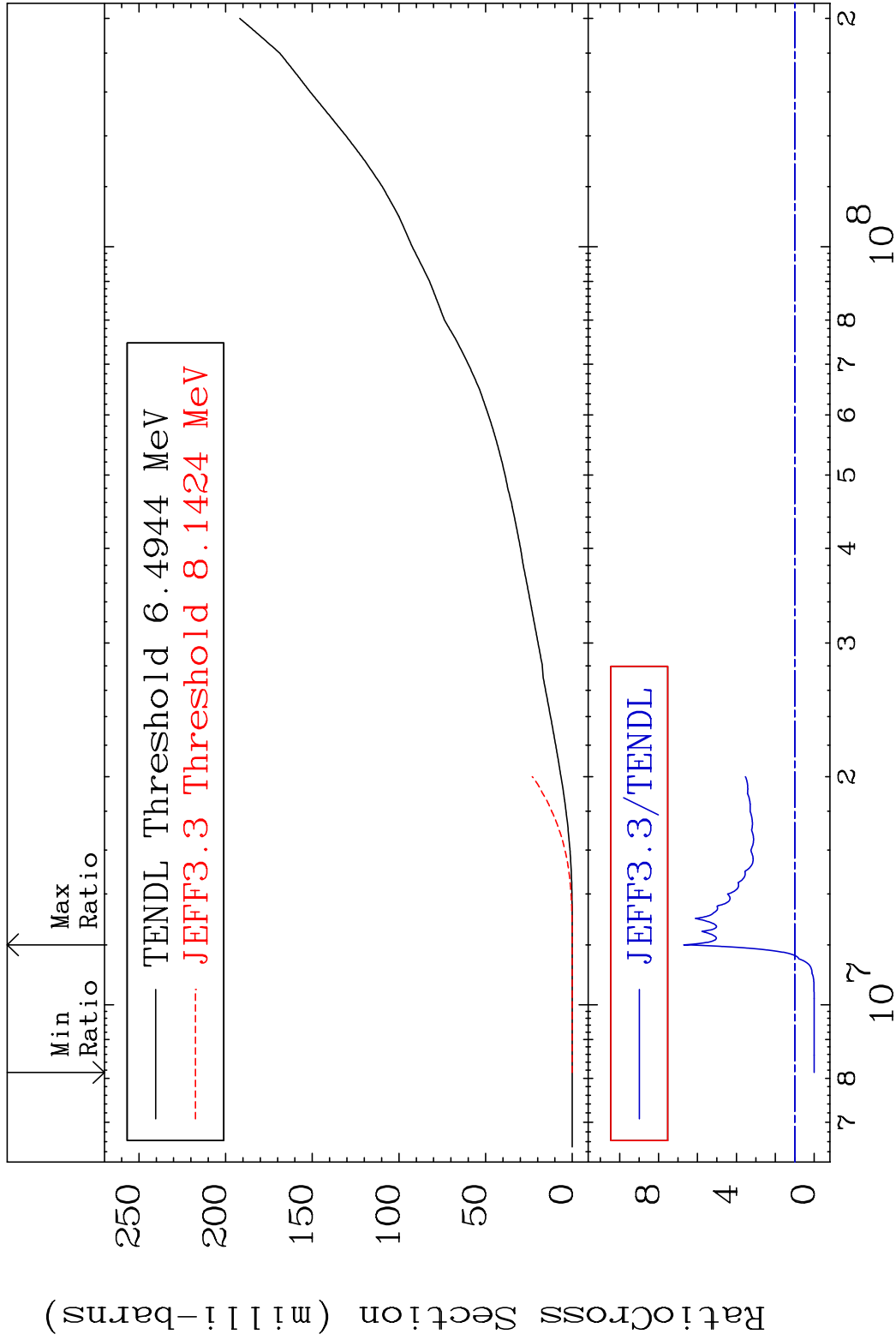




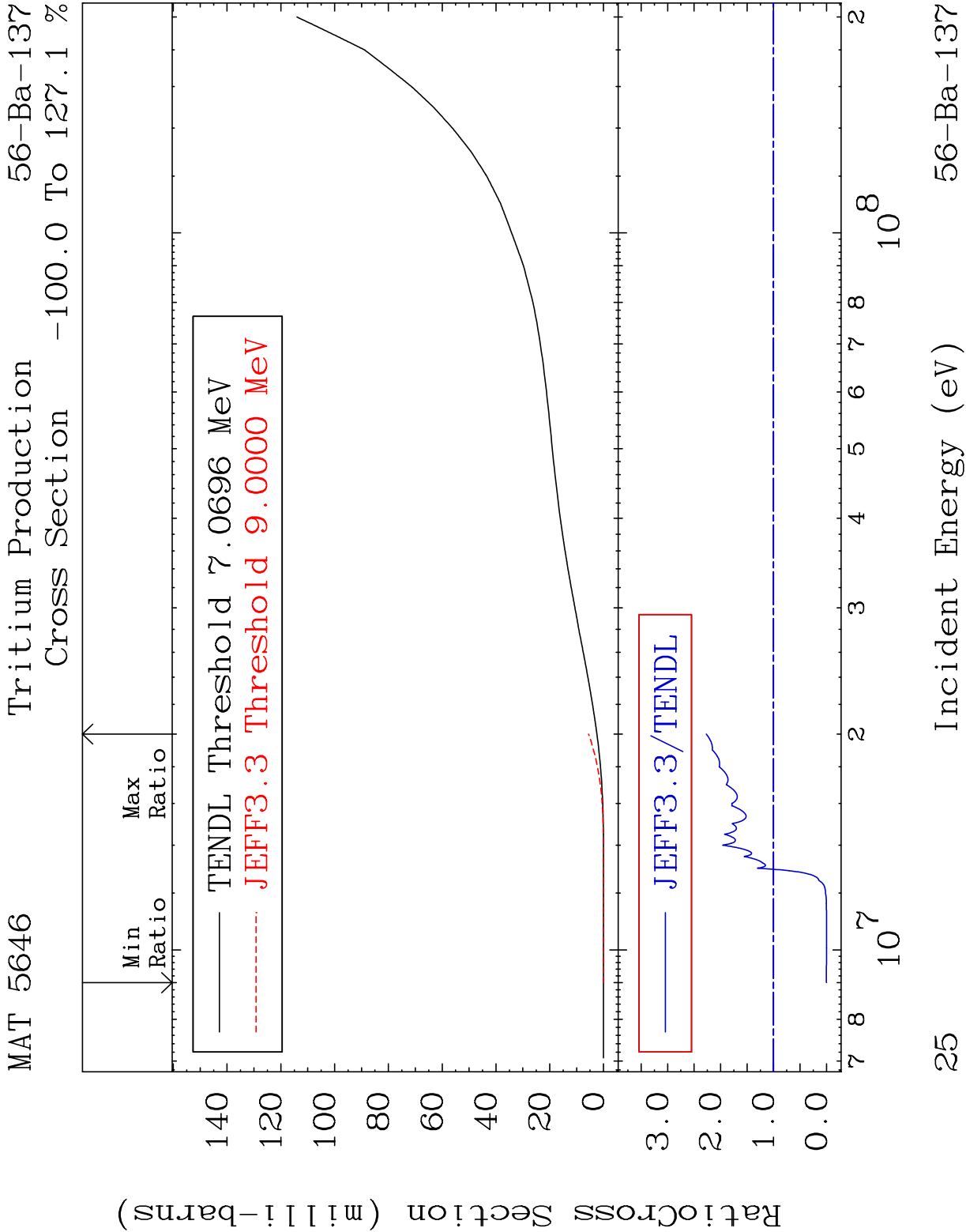


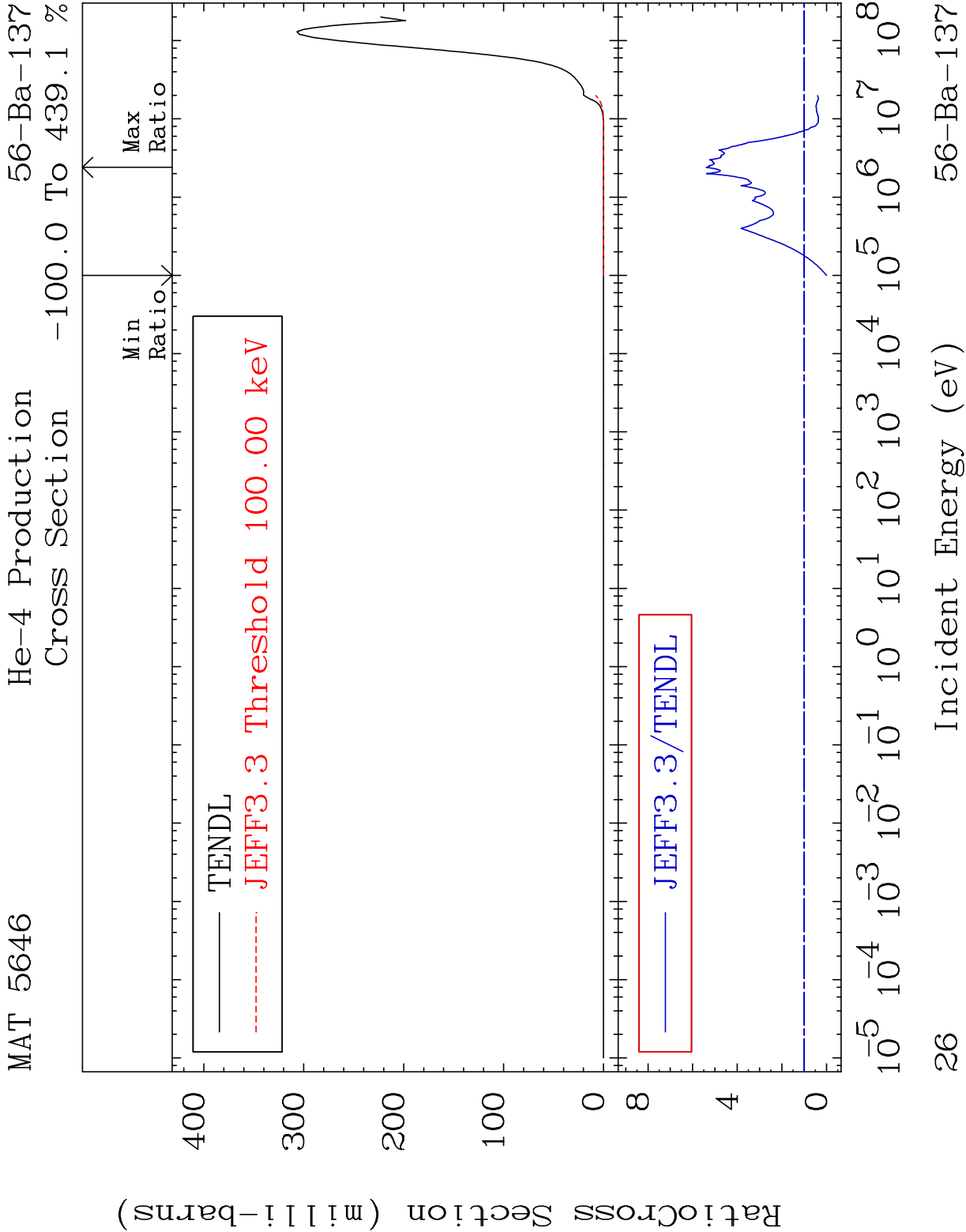


MAT 5646 Deuterium Production ⁵⁶Ba-137
Cross Section -100.0 To 571.2 %

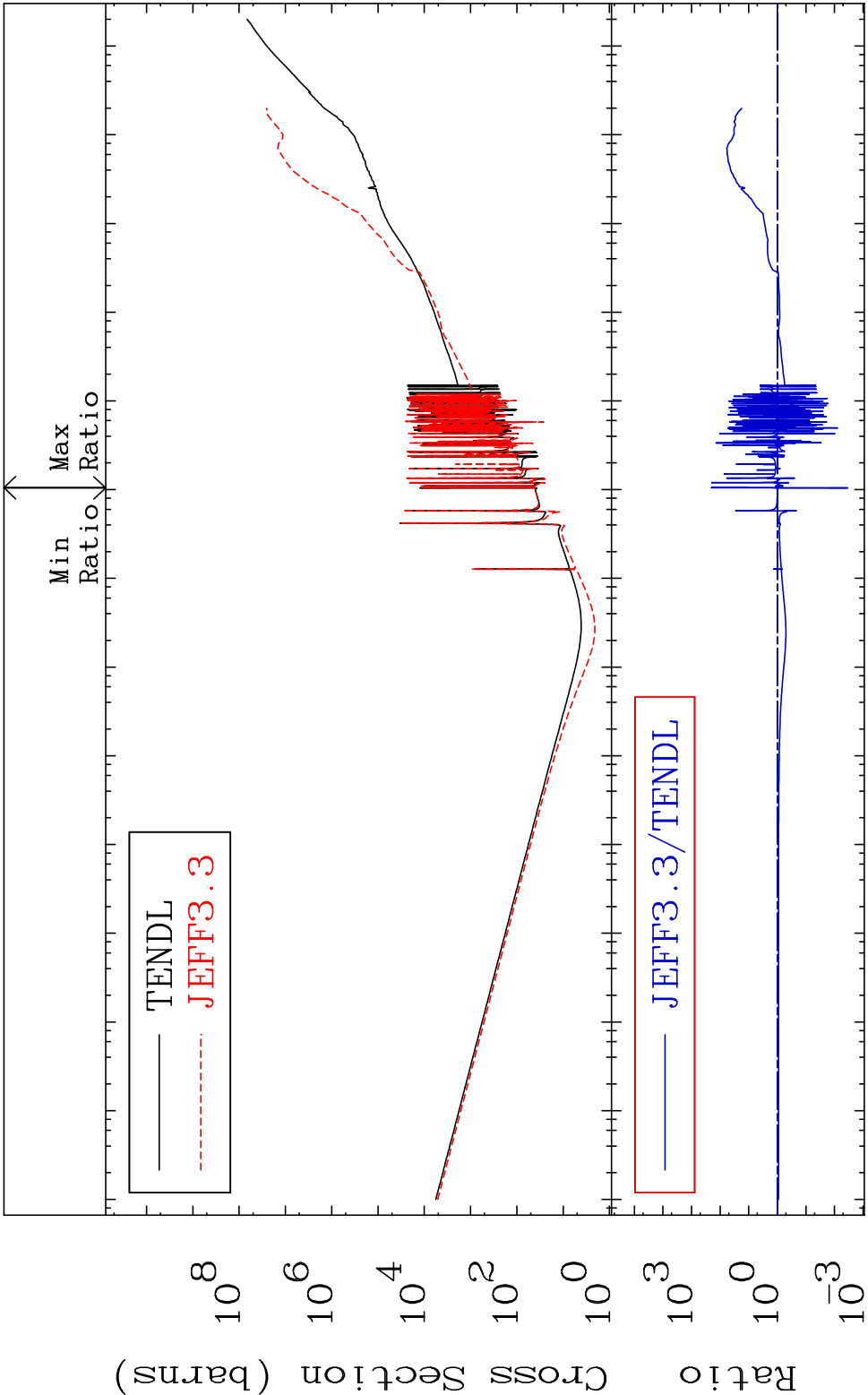


24 Incident Energy (eV) ⁵⁶Ba-137



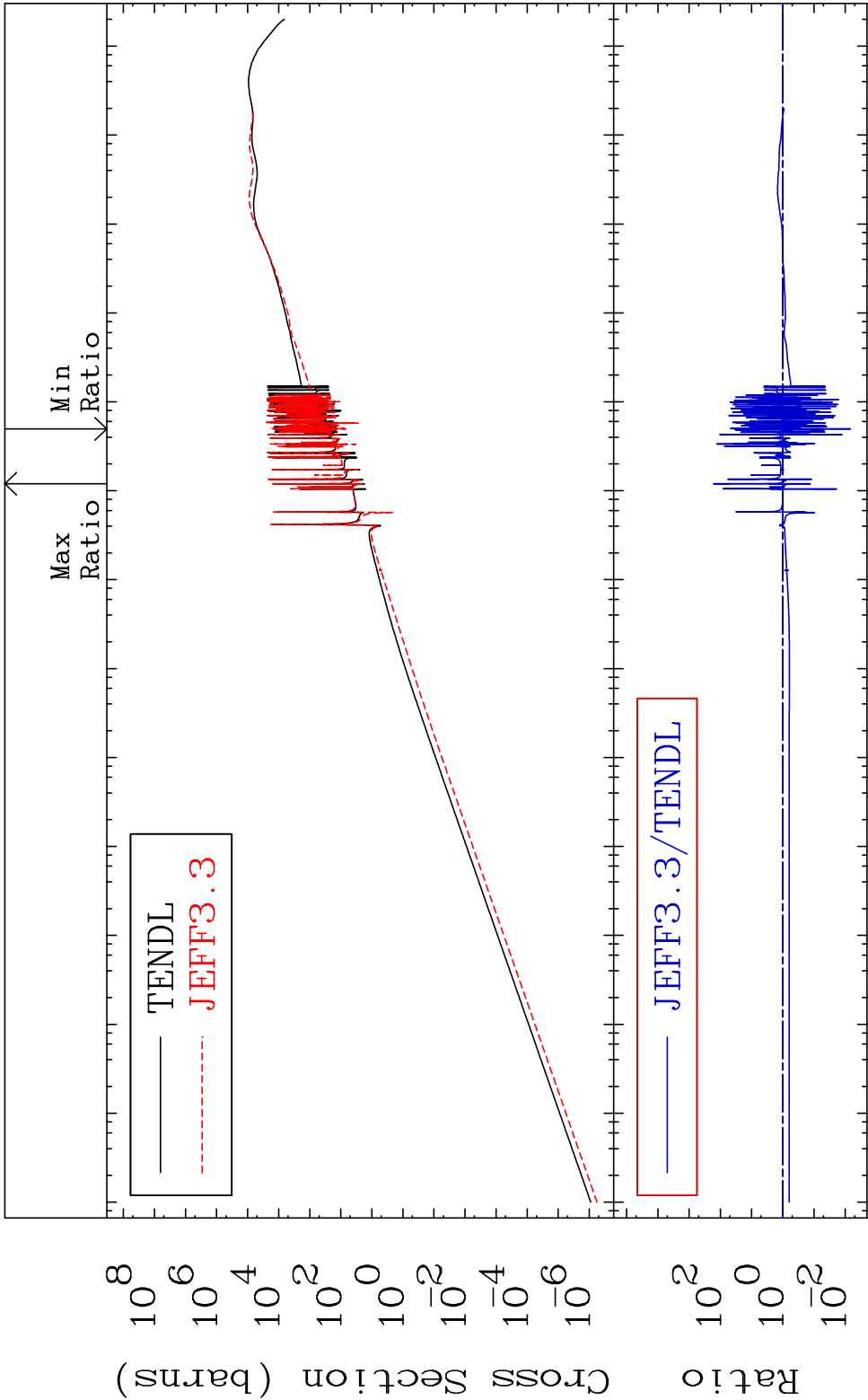


MAT 5646 Kerma total (eV-barns) 56-Ba-137
Cross Section -99.66 To 9999. %



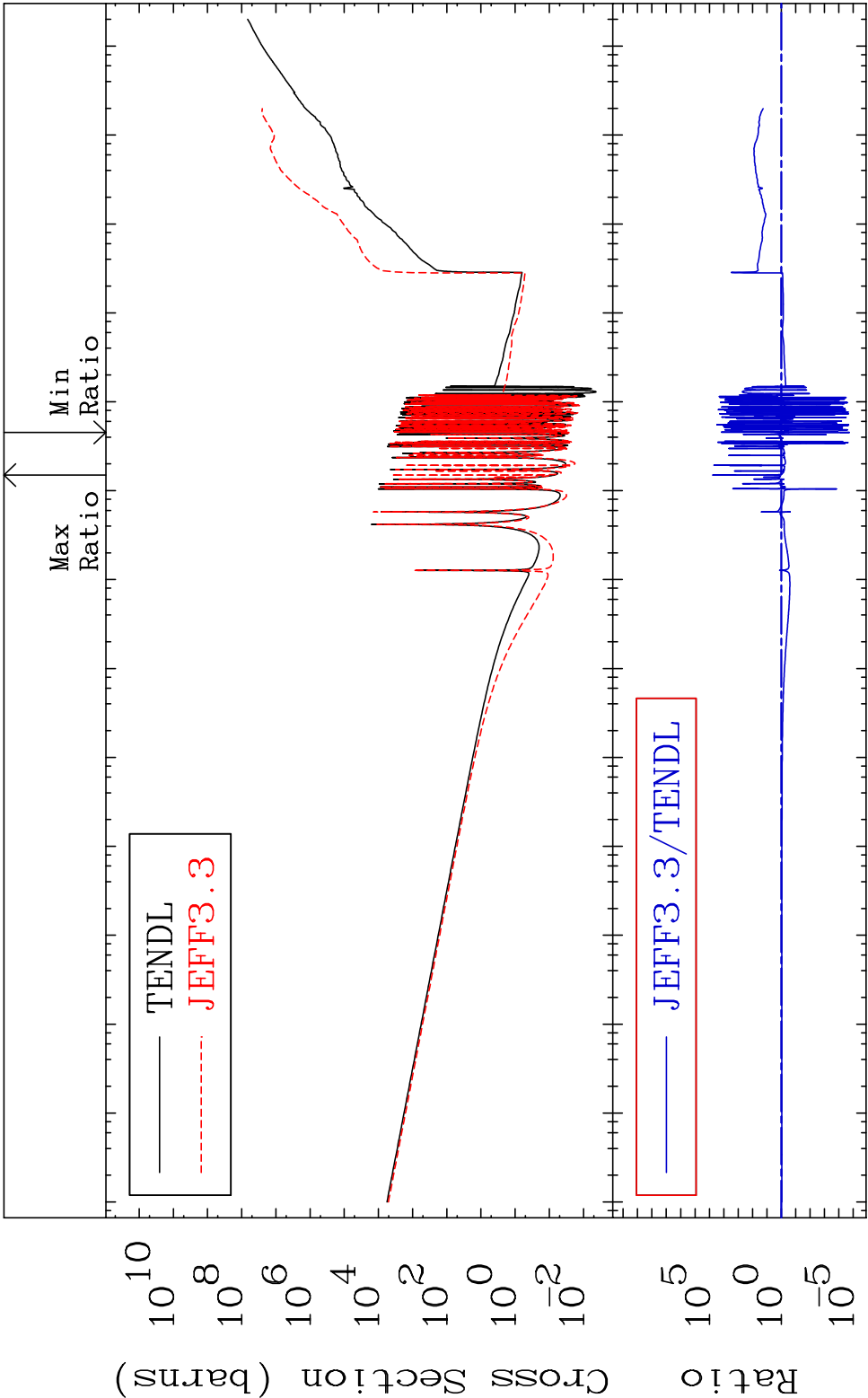
27 Incident Energy (eV) 56-Ba-137

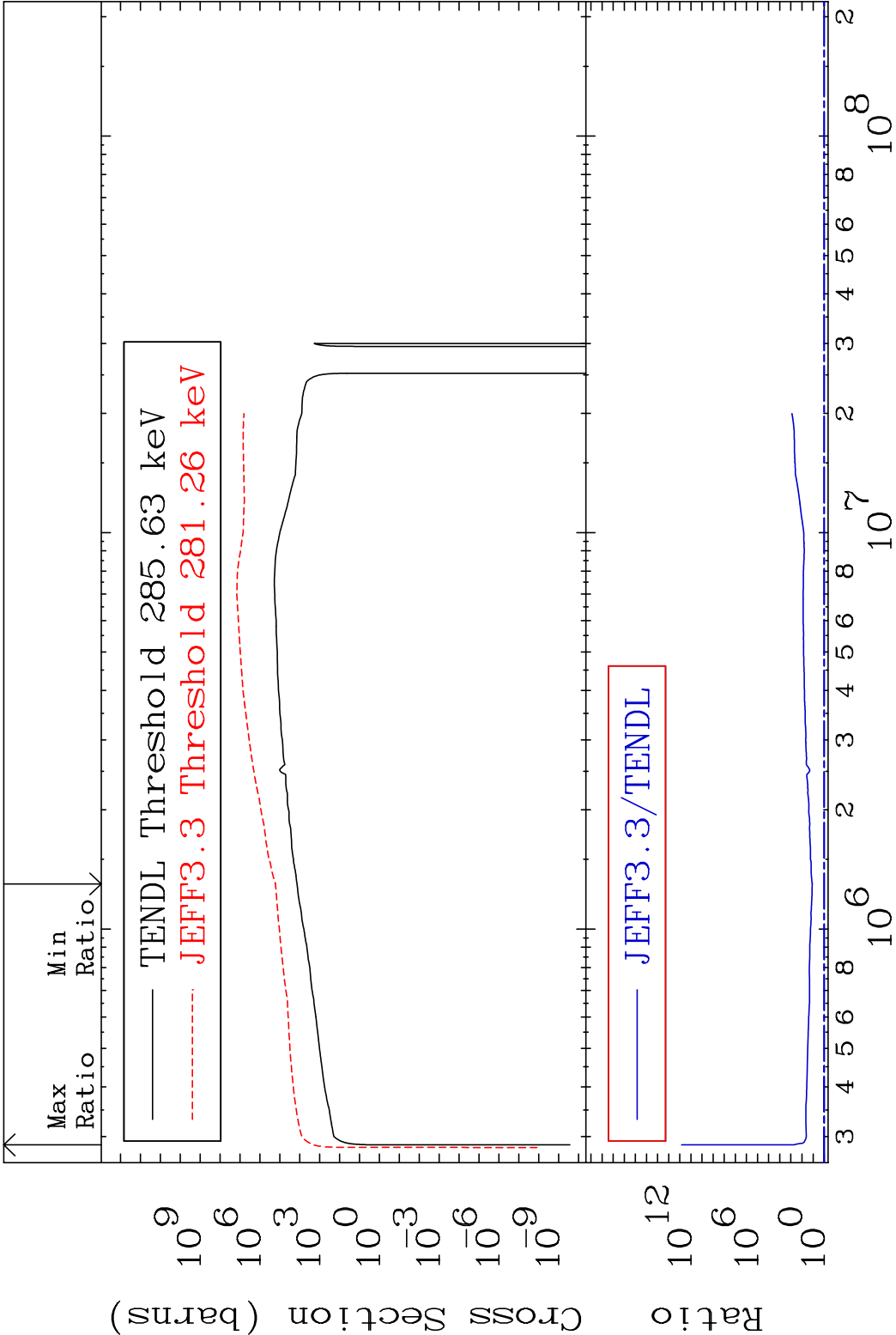
MAT 5646 Kerma elastic 56-Ba-137
Cross Section -99.32 To 9999. %



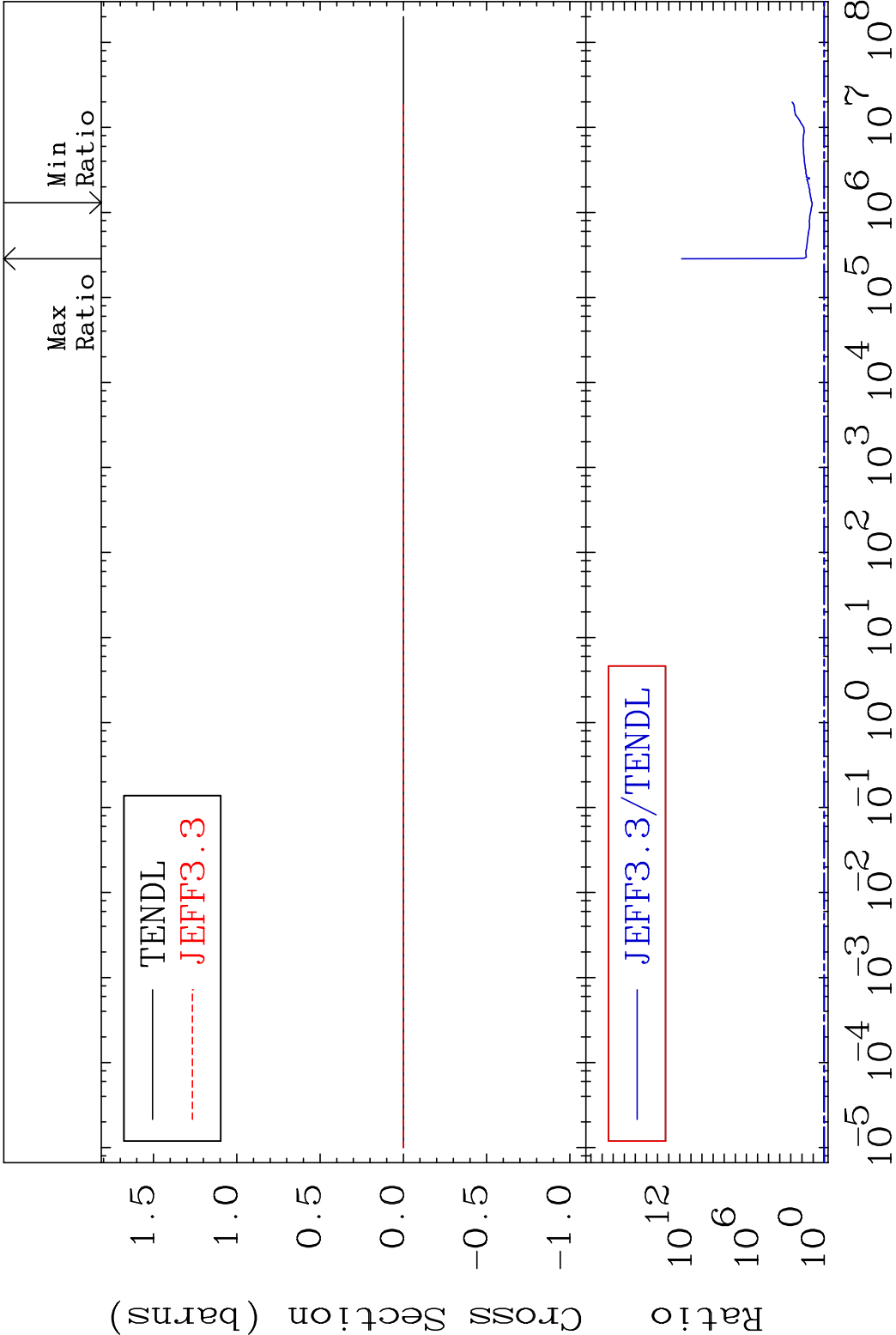
28 Incident Energy (eV) 56-Ba-137

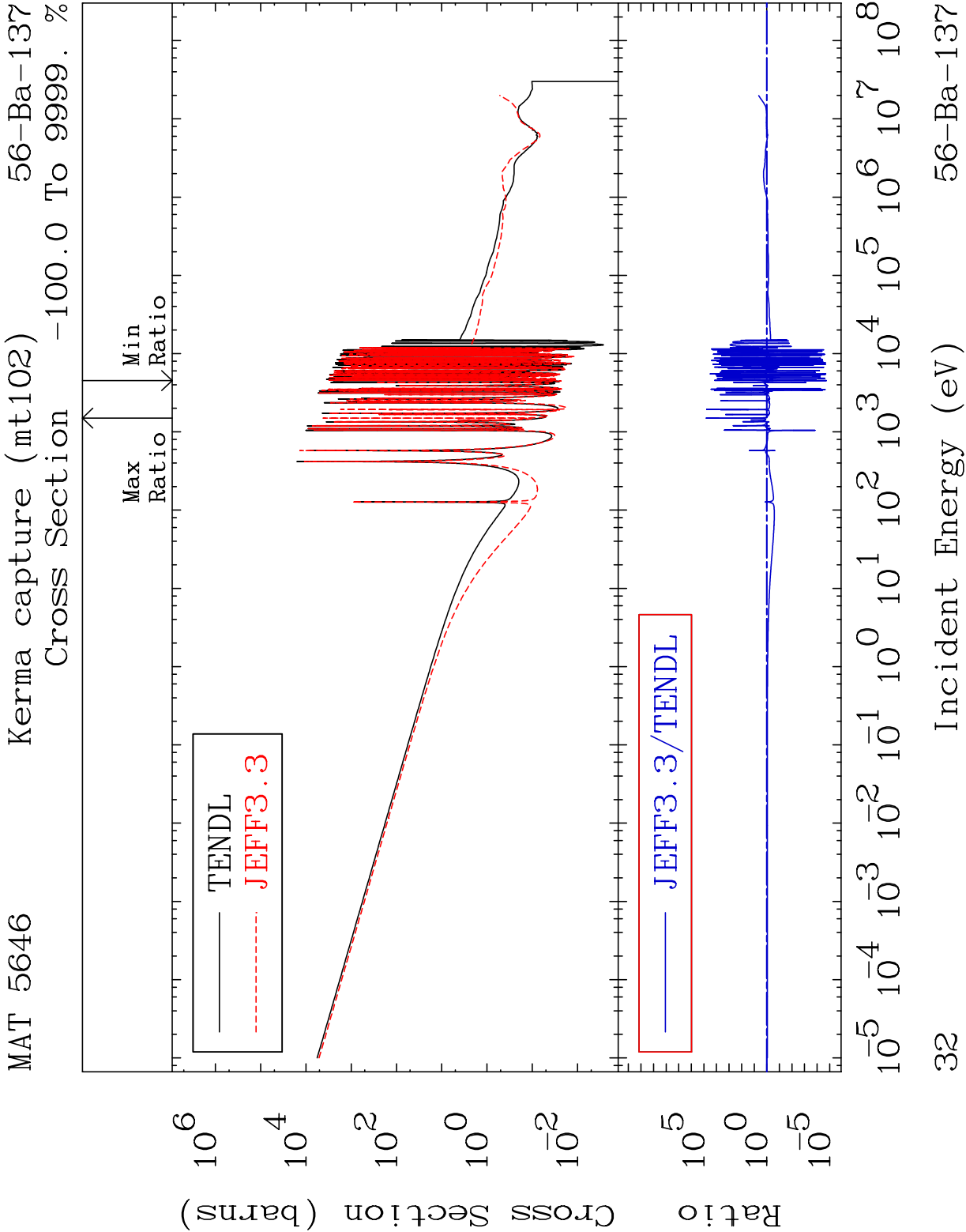
MAT 5646 Kerma non-elastic (all but mt2) 56-Ba-137
 Cross Section -100.0 To 9999. %



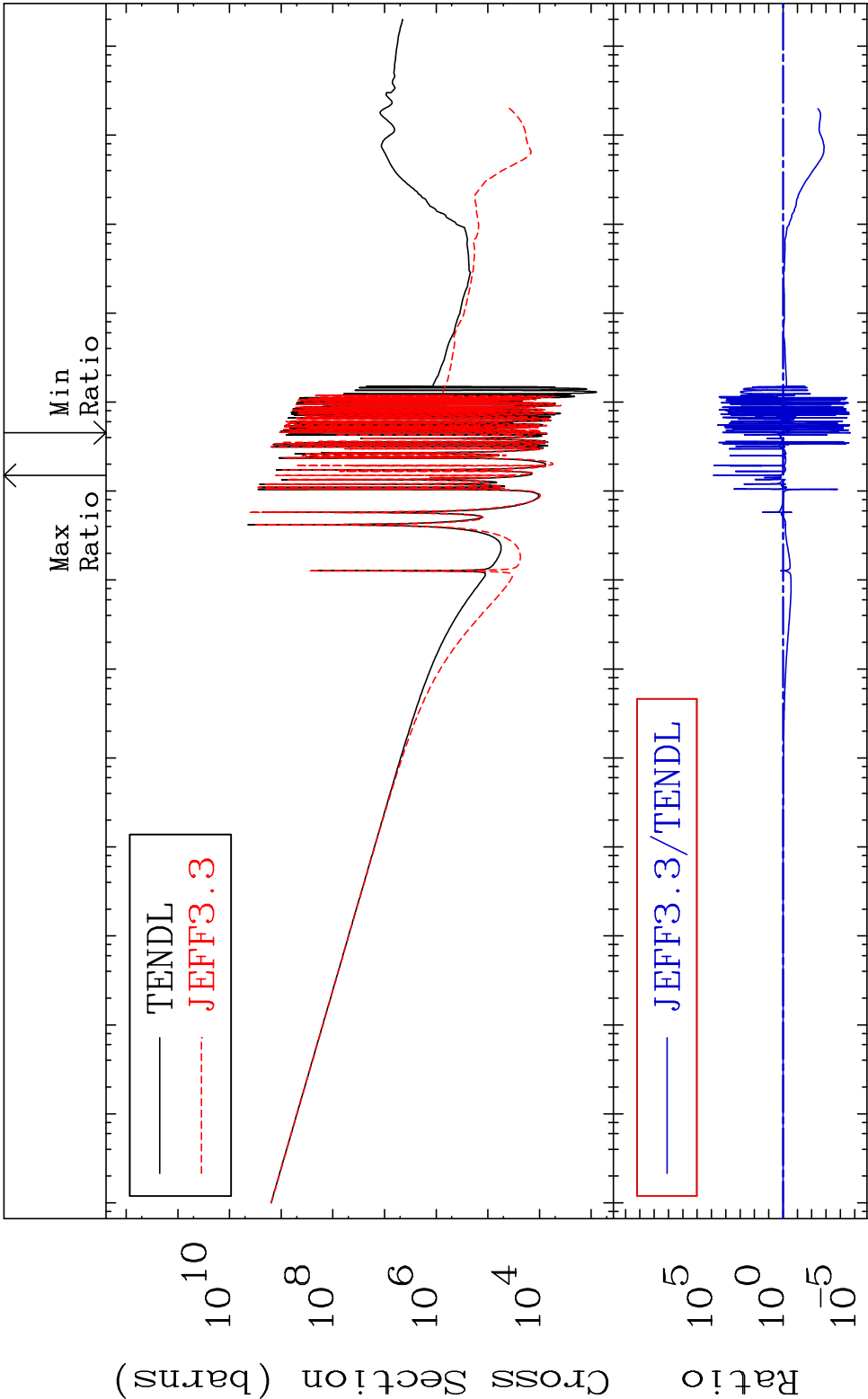


MAT 5646 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-137
Cross Section 1093. To 9999. %





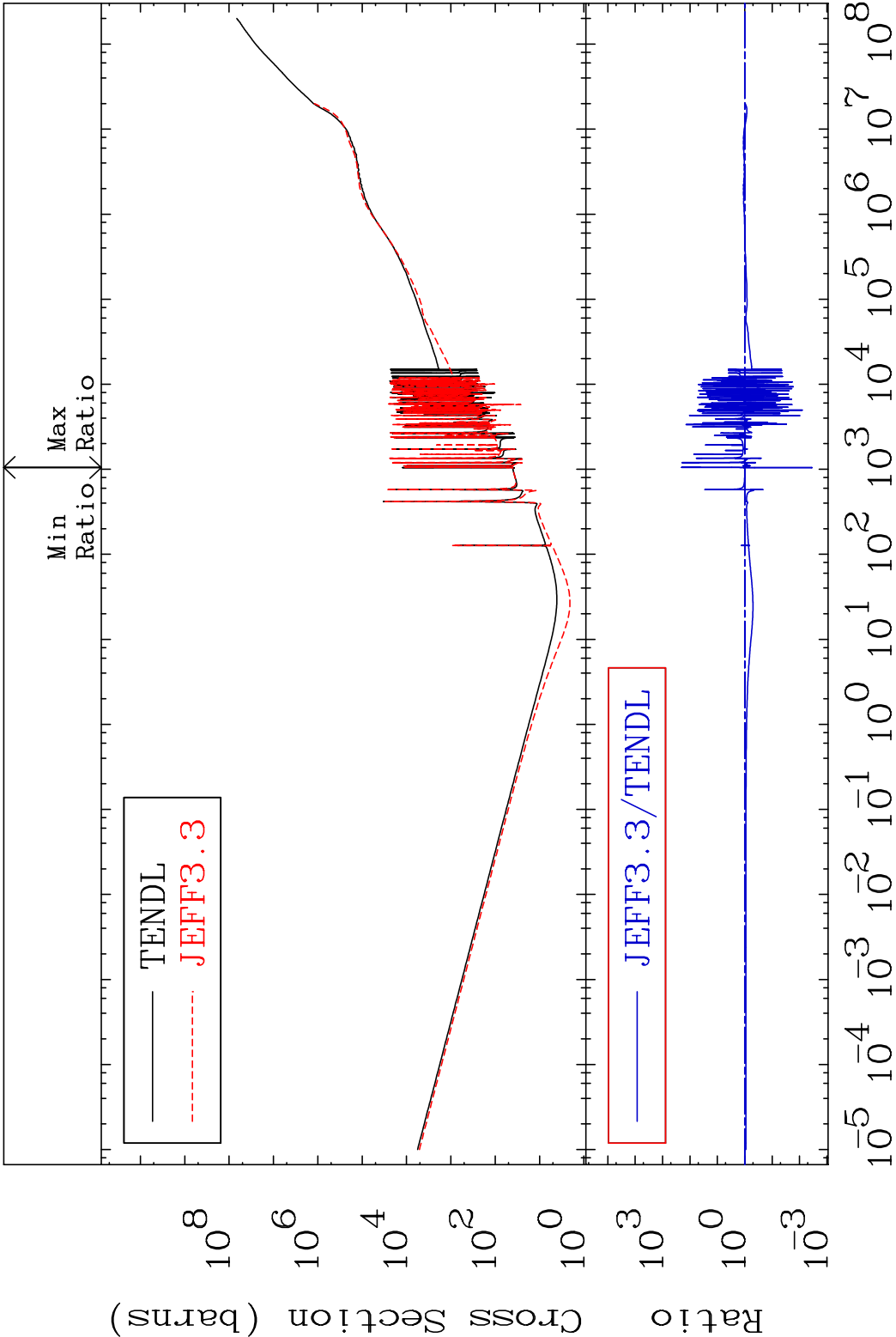
MAT 5646 Total photon (eV-barns) 56-Ba-137
Cross Section -100.0 To 9999. %



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

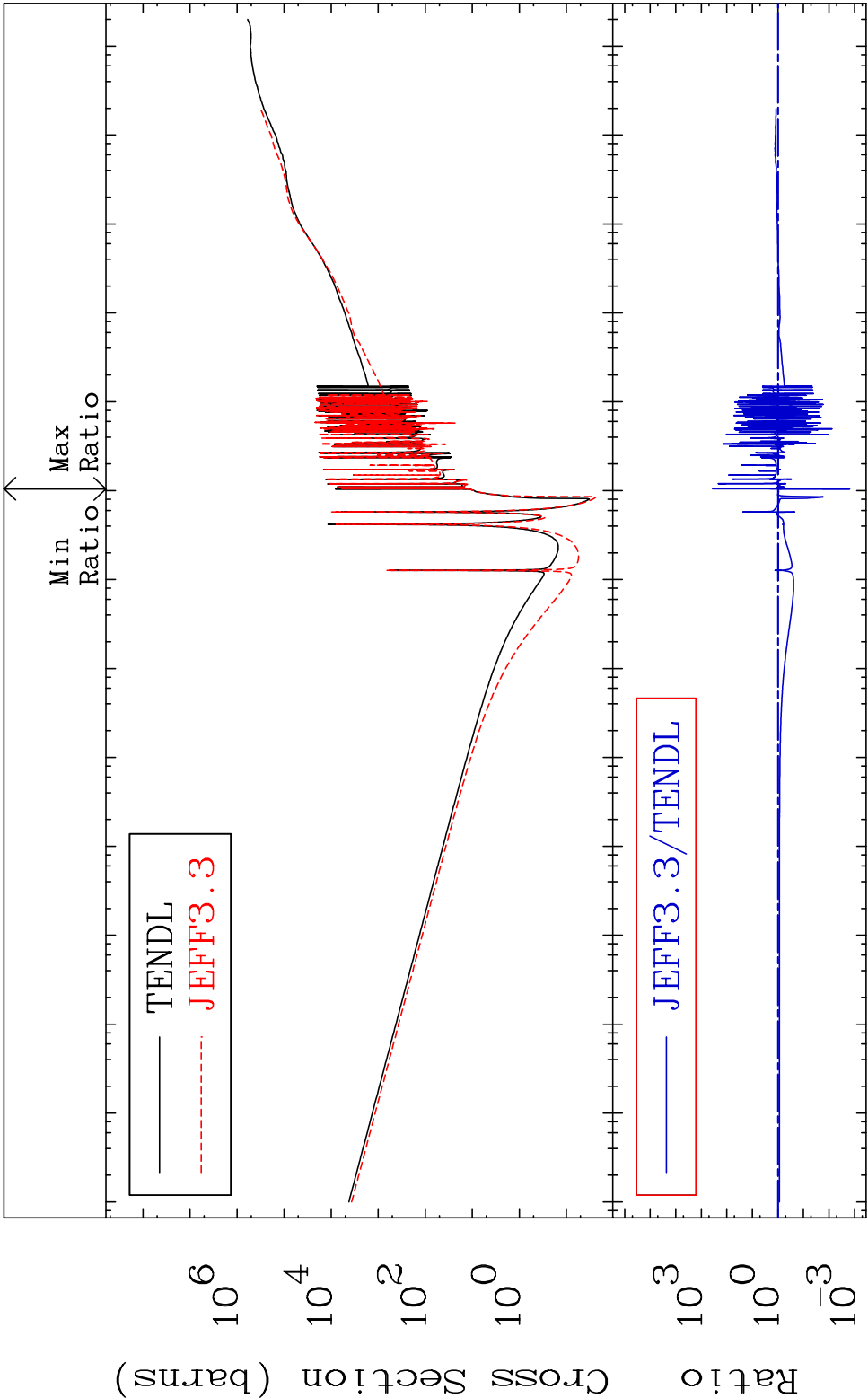
33 Incident Energy (eV) 56-Ba-137

MAT 5646 Total kinematic kerma (high limit) 56-Ba-137
Cross Section -99.66 To 9999. %



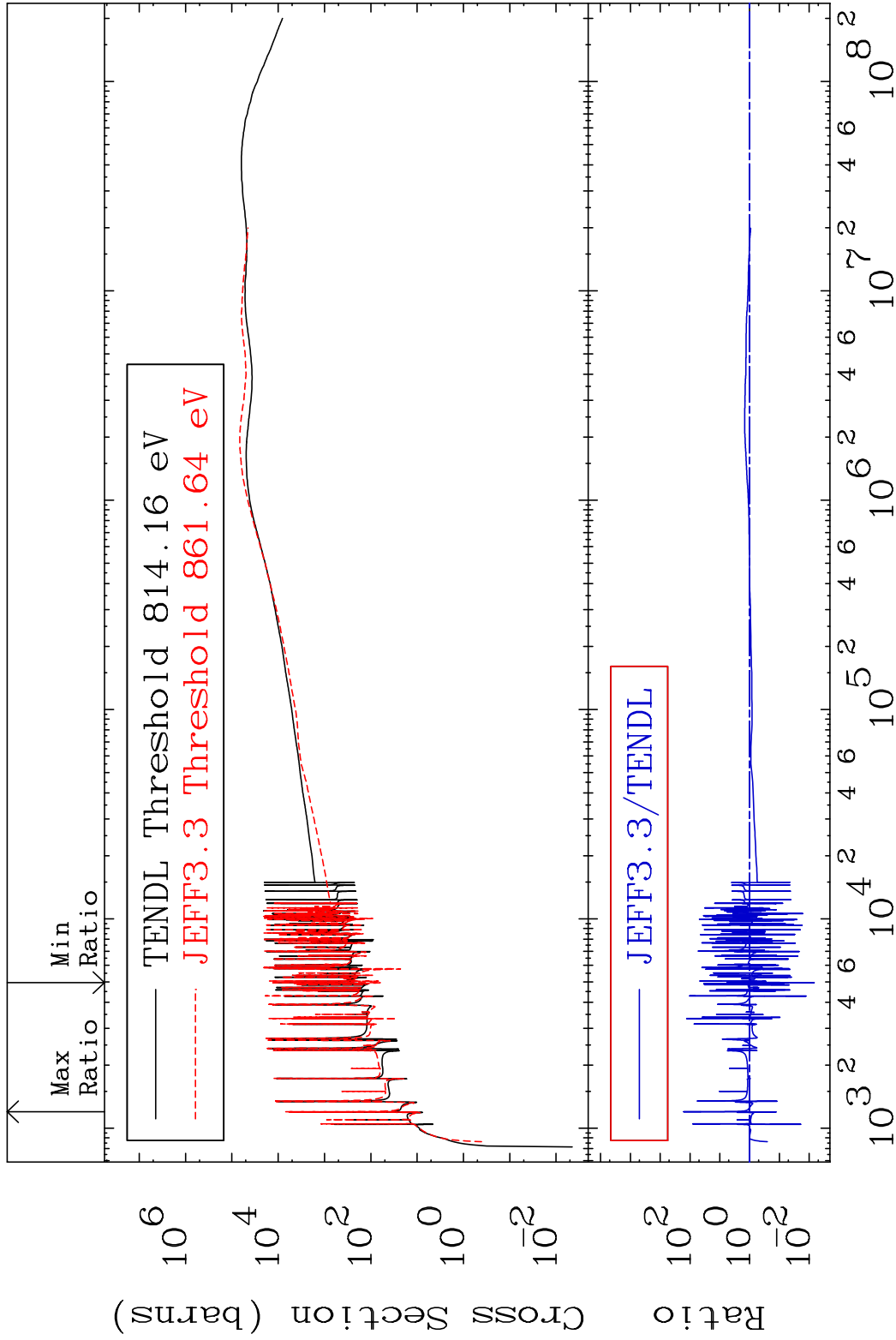
56-Ba-137

MAT 5646 Dpa total (eV-barns) 56-Ba-137
Cross Section -99.84 To 9999. %

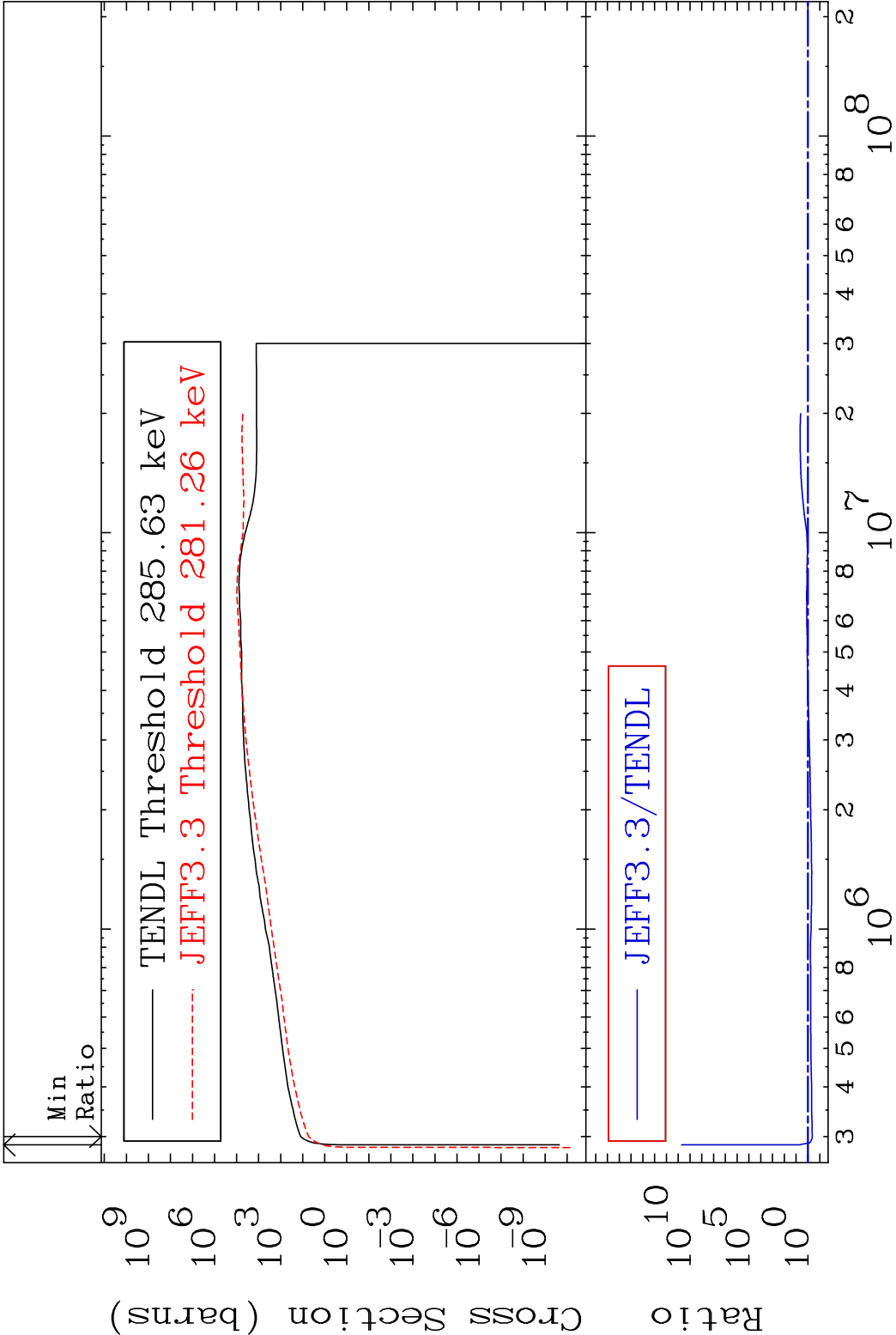


35 Incident Energy (eV) 56-Ba-137

MAT 5646	Dpa elastic (mt2)	56-Ba-137
	Cross Section	-99.32 To 9999. %



36	Incident Energy (eV)	56-Ba-137
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MAT 5646 Dpa disappearance (mt102 -120) 56-Ba-137
Cross Section -100.0 To 9999. %

