

Program Complot
(Version 2021-1)

by

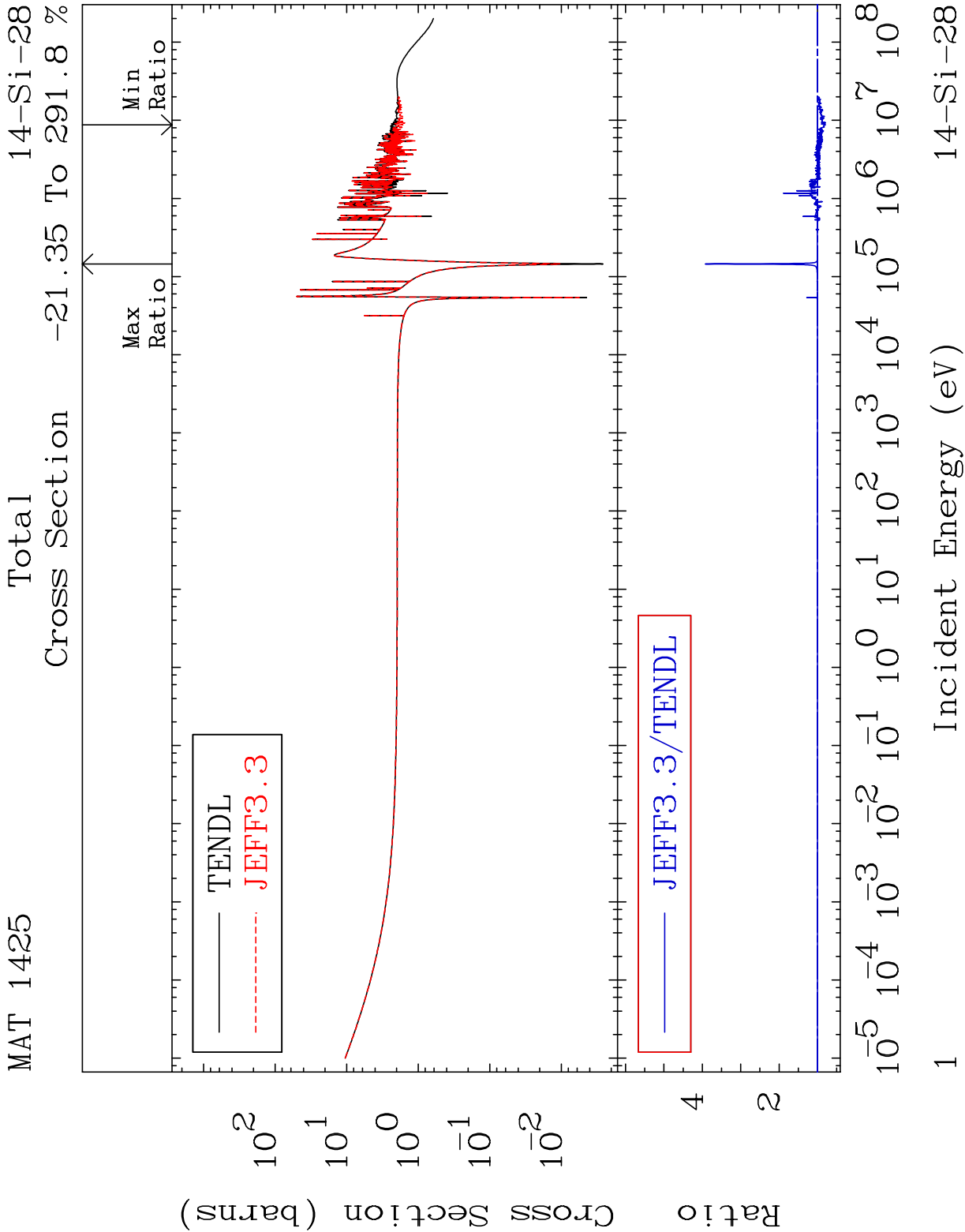
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(Present Contact Information)

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Press Mouse Button to Start



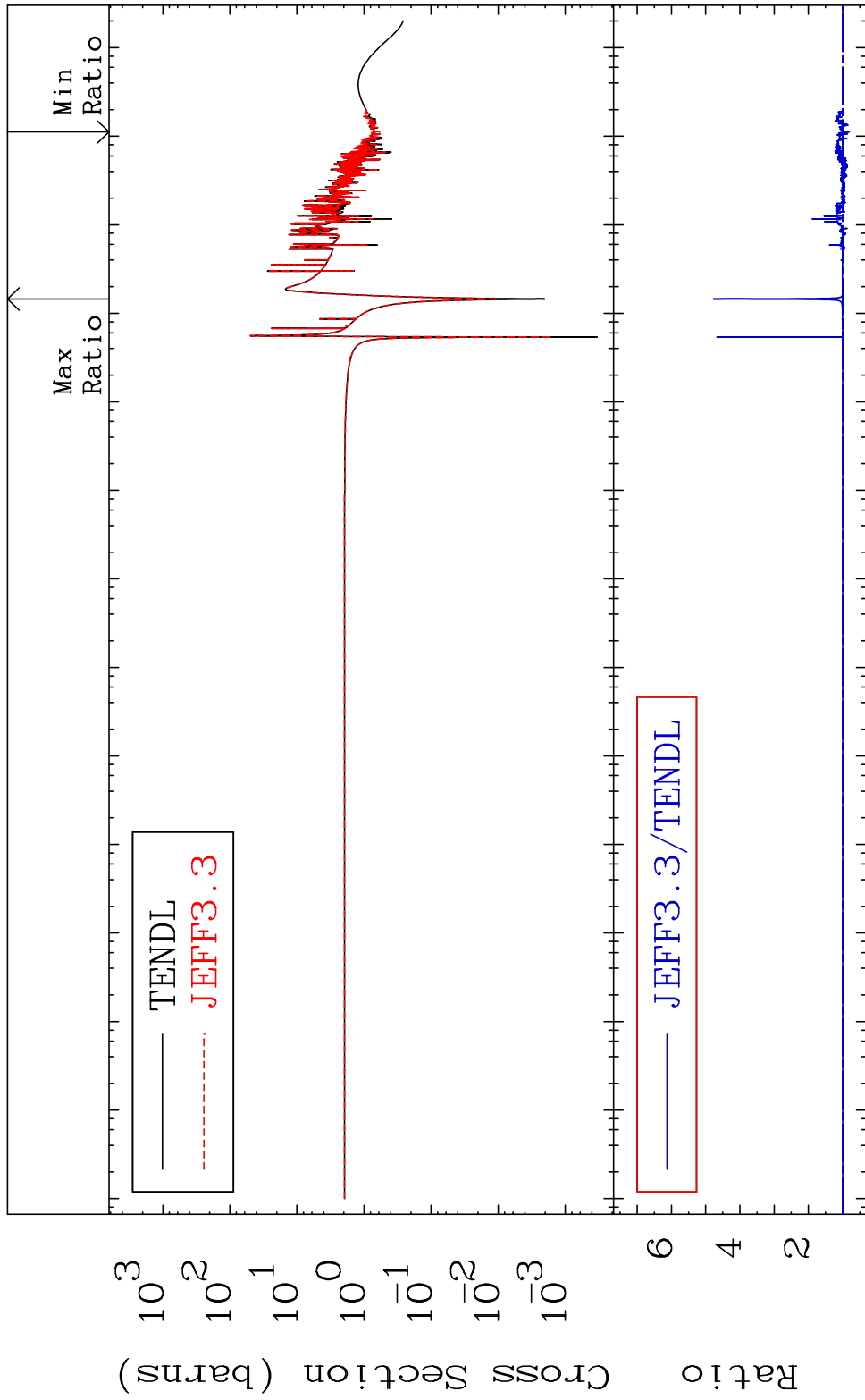
MAT 1425

Elastic

¹⁴Si-28

Cross Section

-19.48 To 378.0 %



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

2

Incident Energy (eV)

¹⁴Si-28

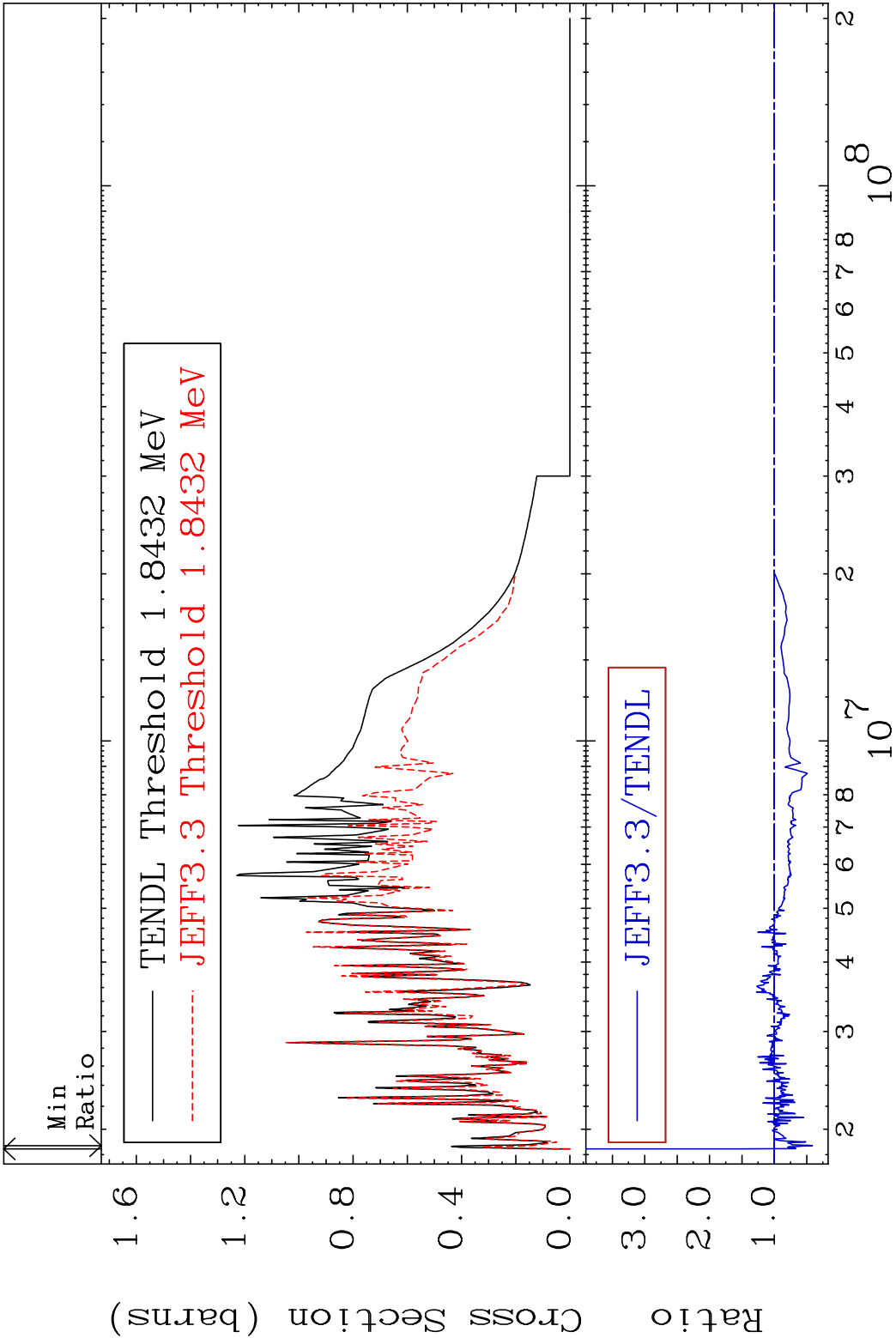
MAT 1425

Inelastic

14-Si-28

Cross Section

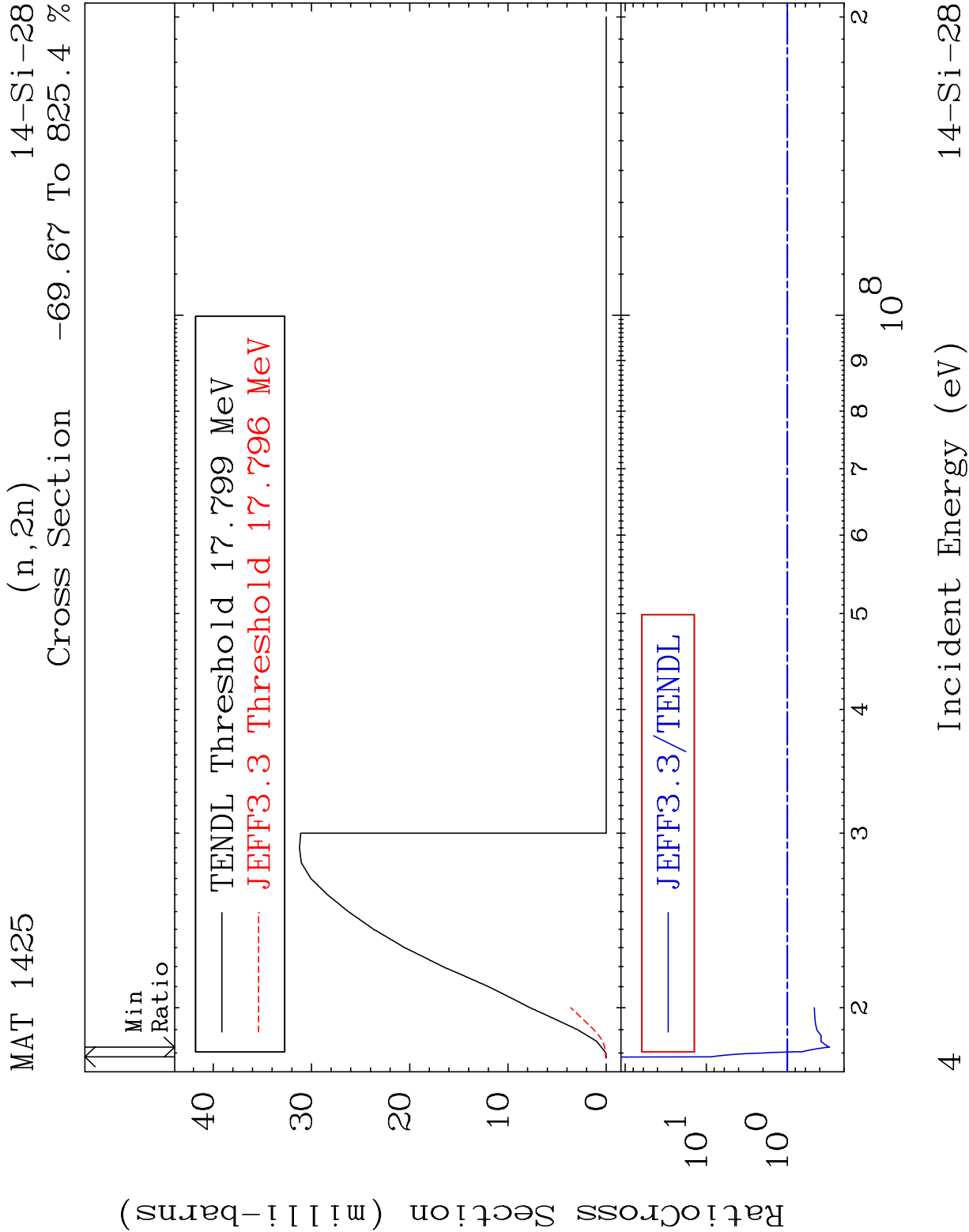
-58.52 To 143.2 %

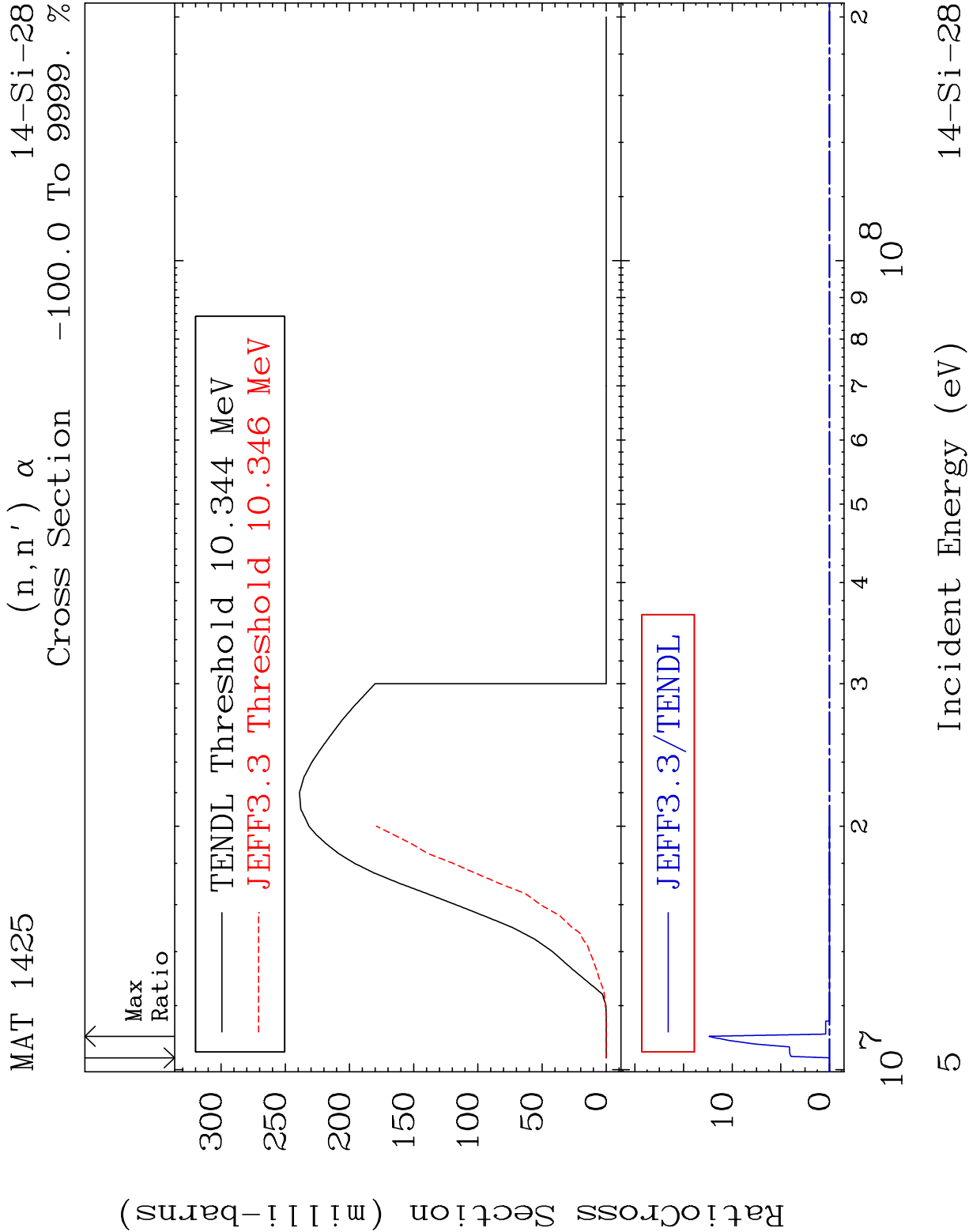


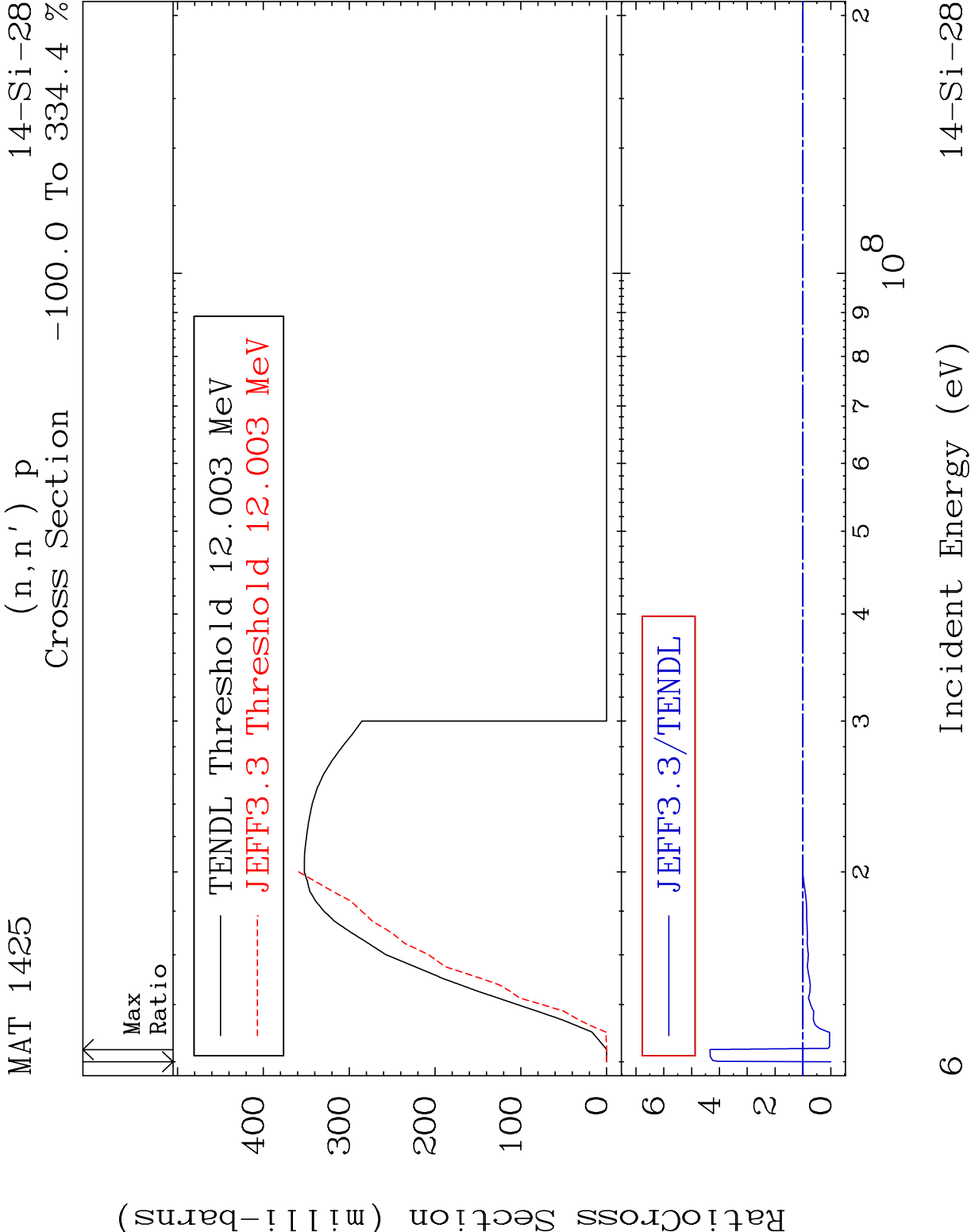
3

Incident Energy (eV)

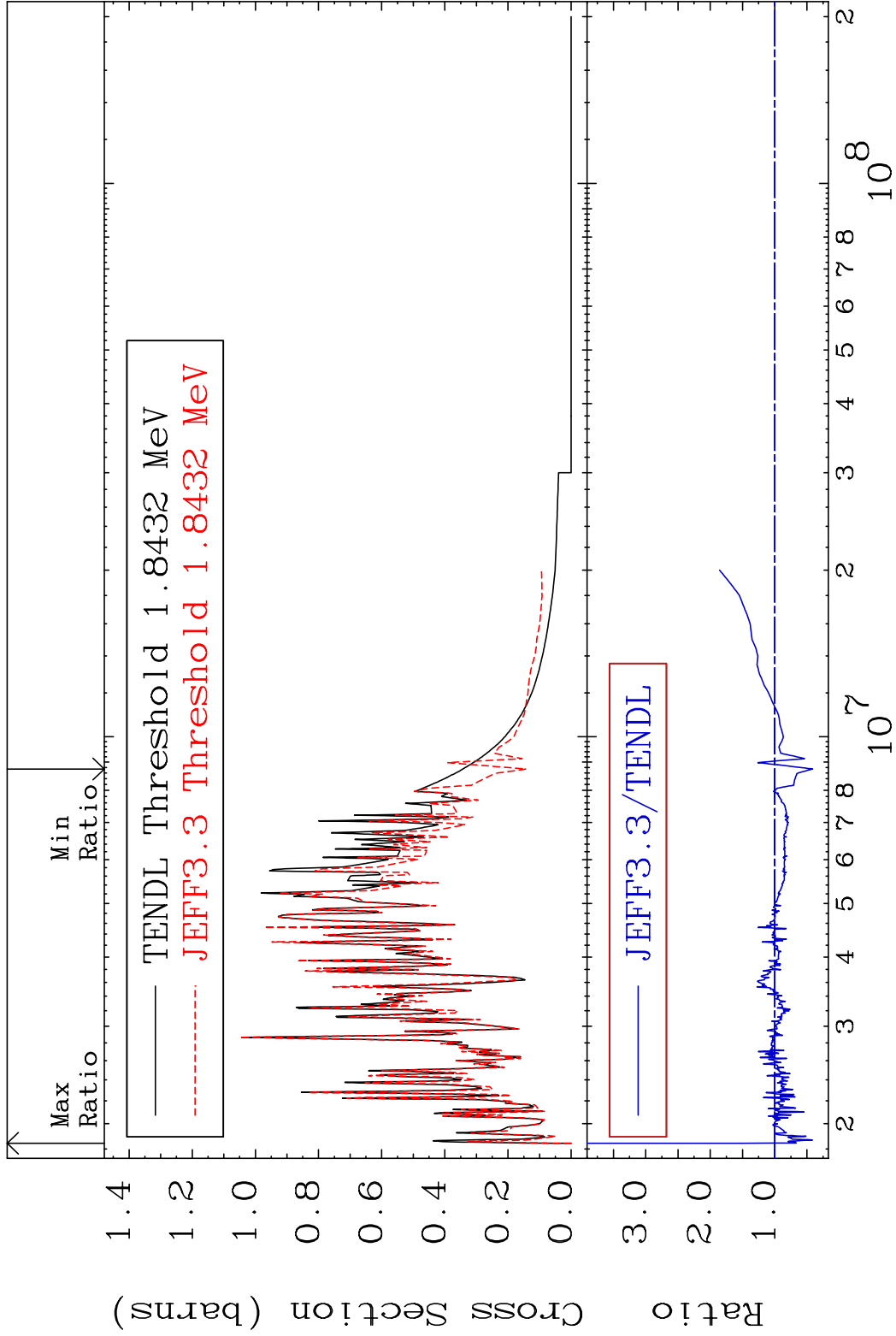
14-Si-28



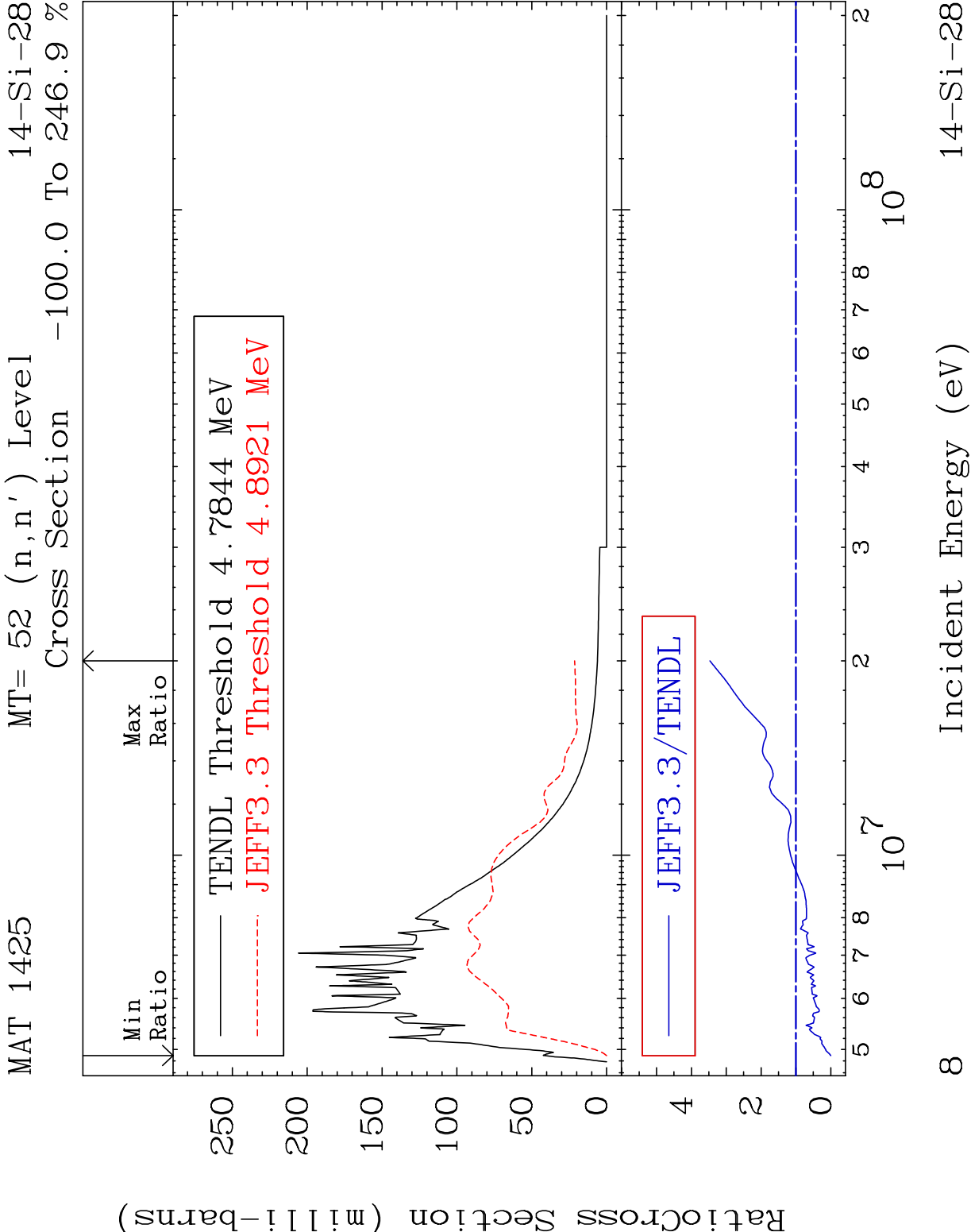




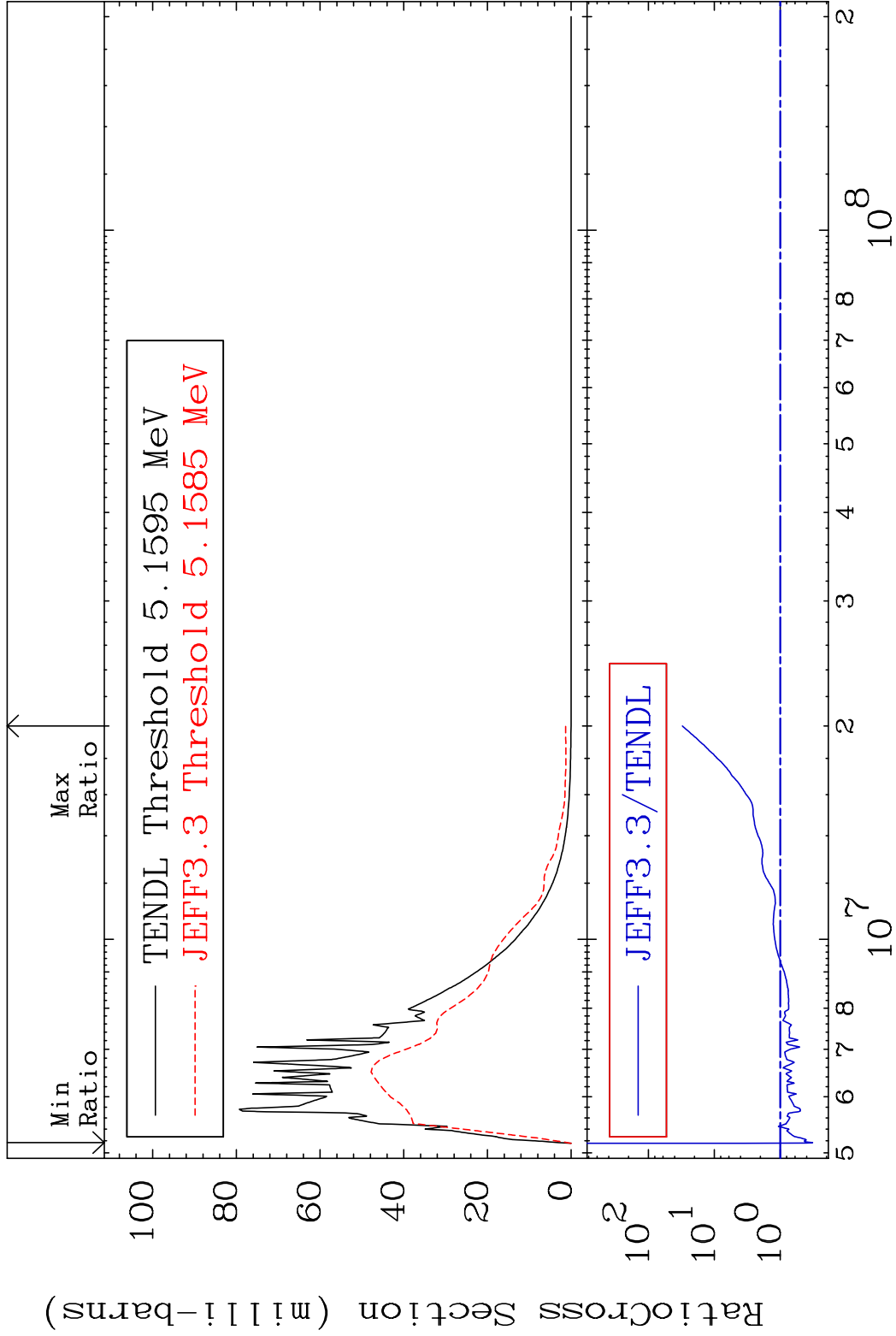
MAT 1425 MT= 51 (n,n') Level 14-Si-28
Cross Section -58.63 To 143.2 %



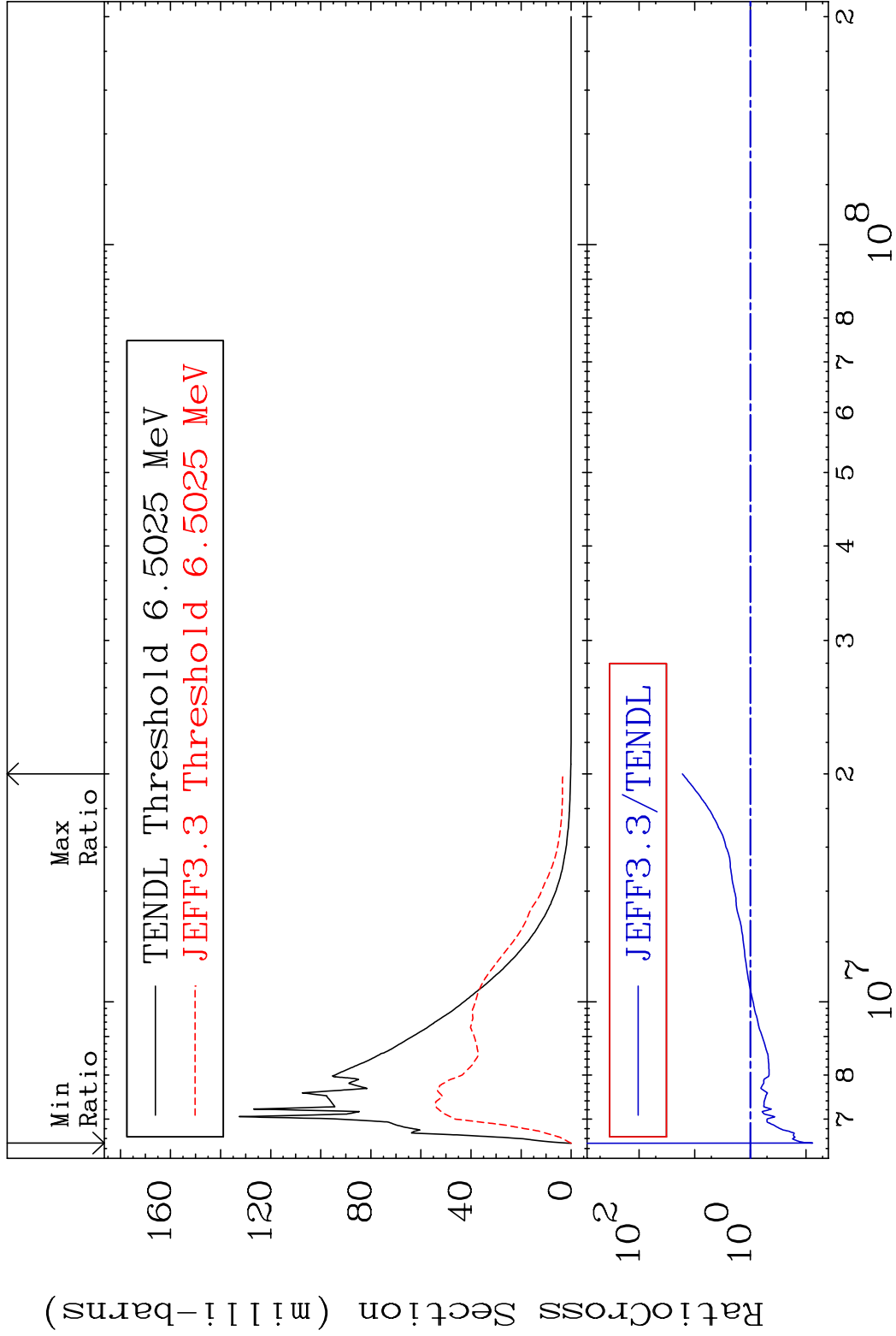
7 Incident Energy (eV) 14-Si-28



MAT 1425 MT= 53 (n,n') Level 14-Si-28
Cross Section -67.54 To 2953. %

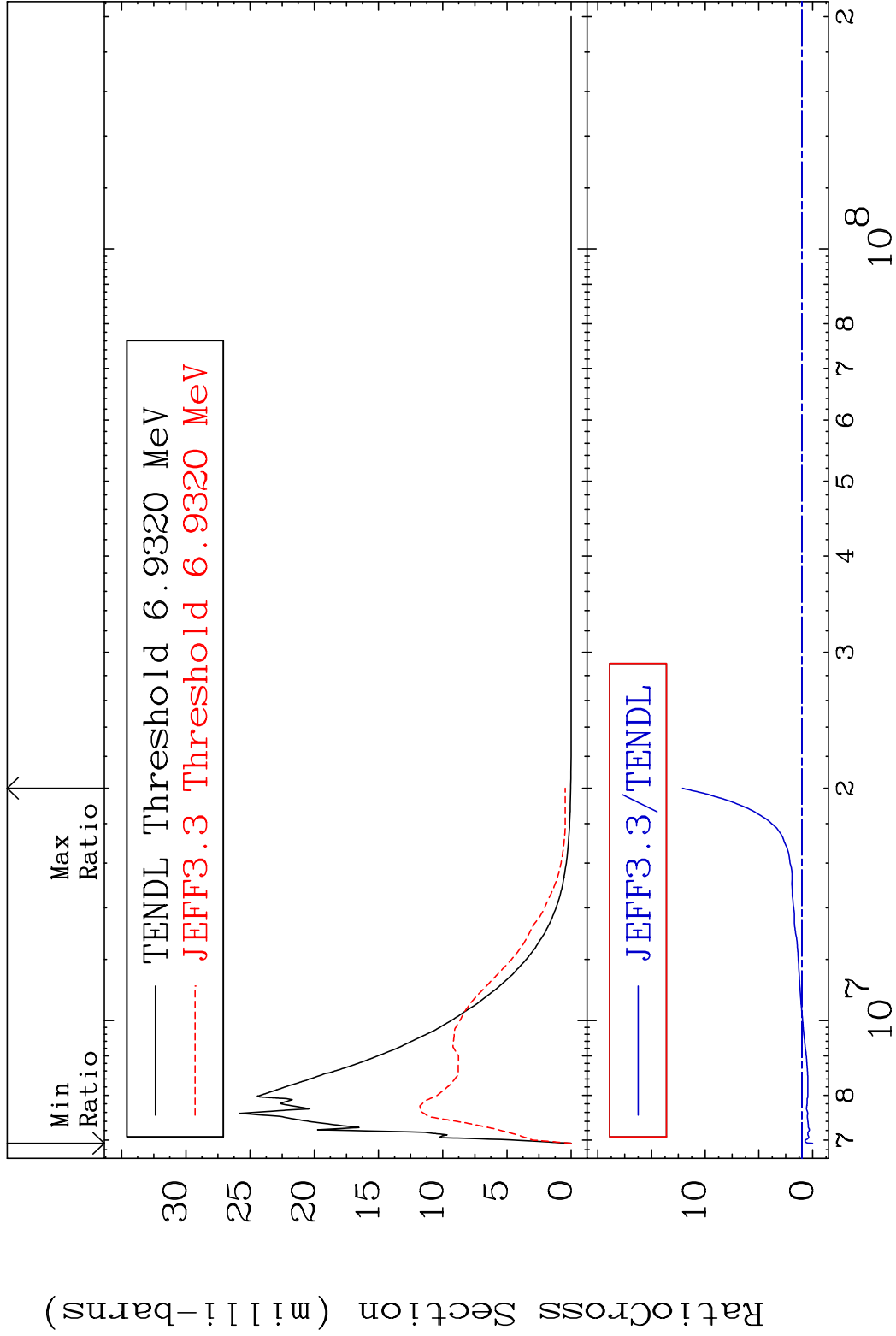


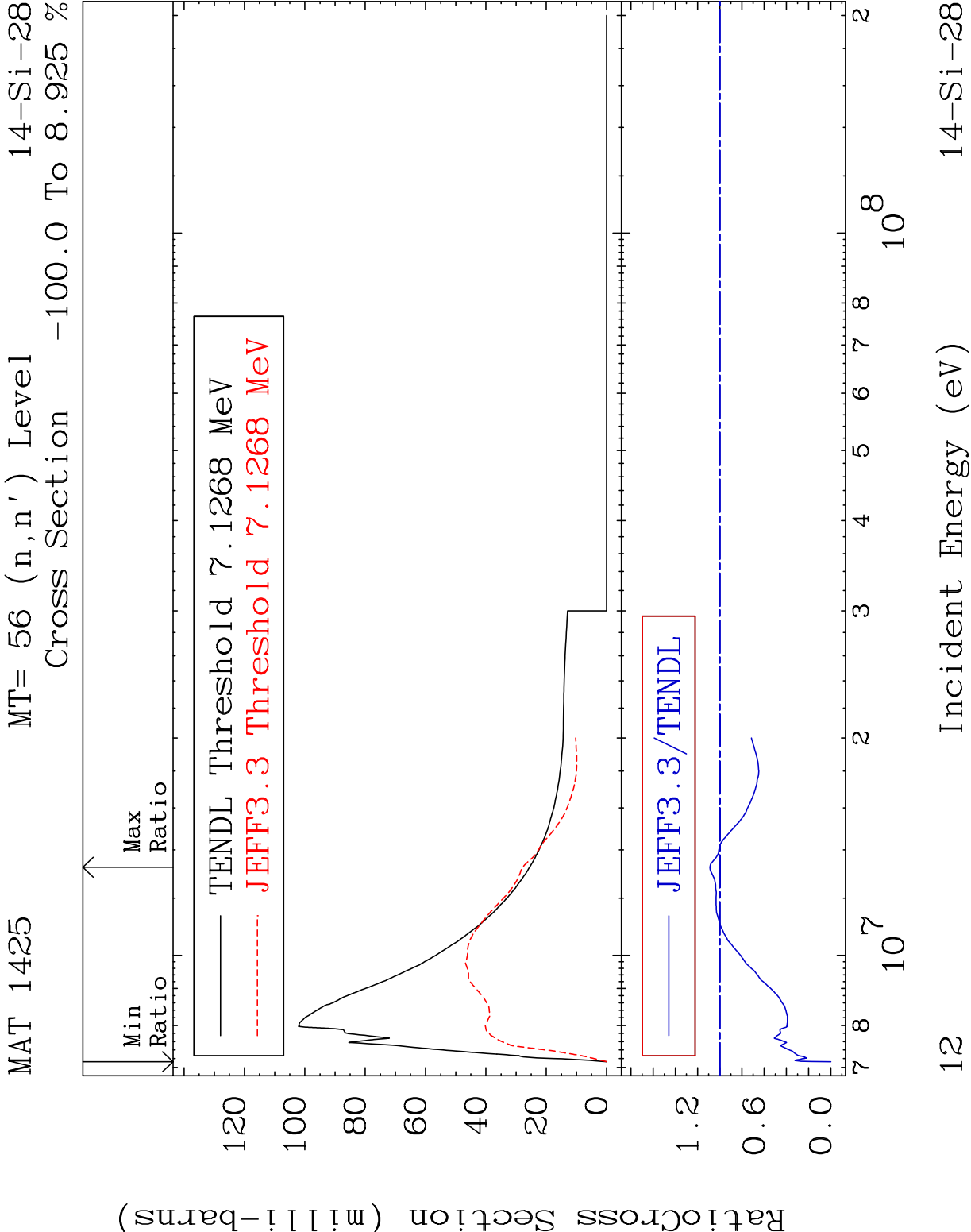
MAT 1425 MT= 54 (n,n') Level 14-Si-28
Cross Section -92.39 To 1564. %

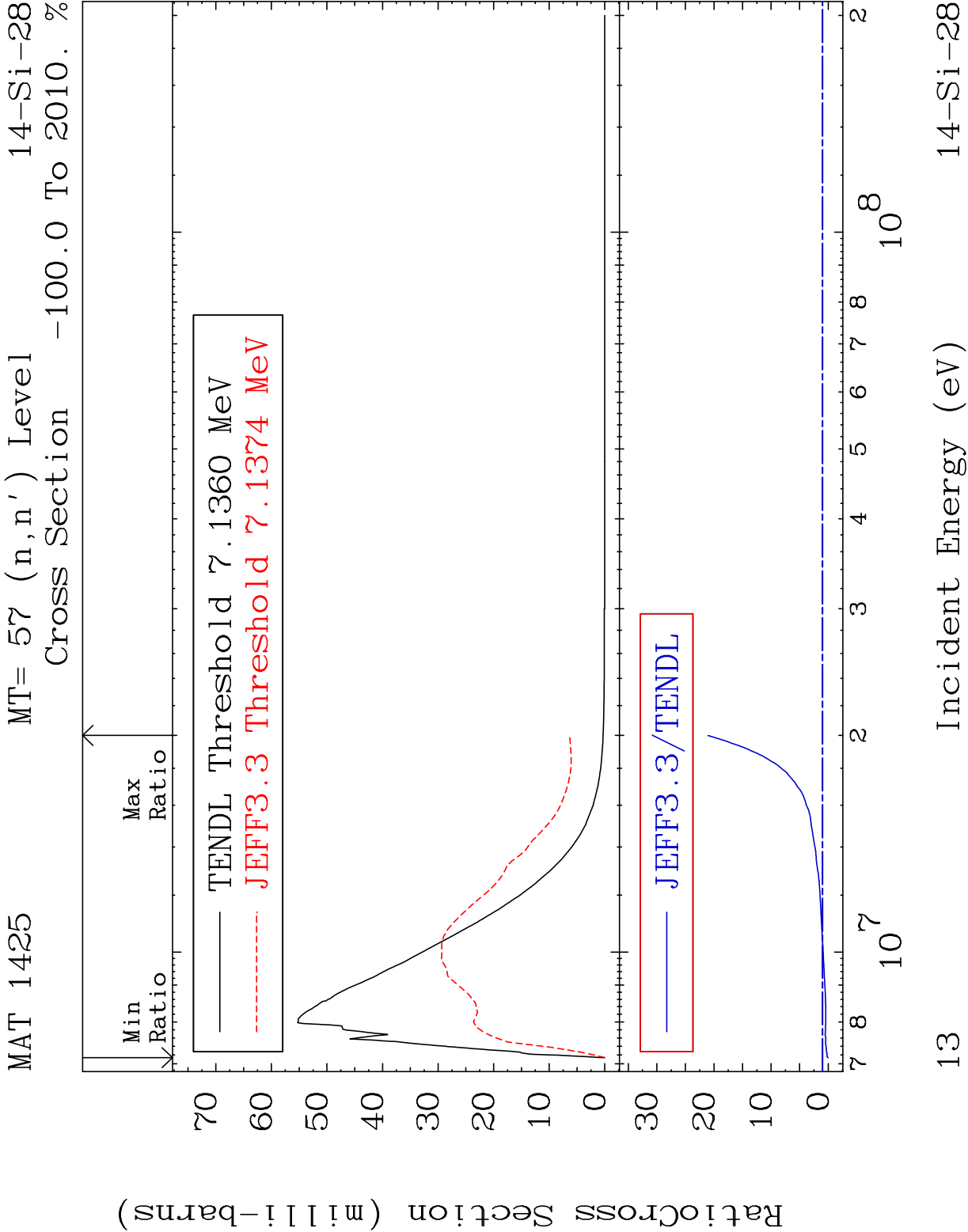


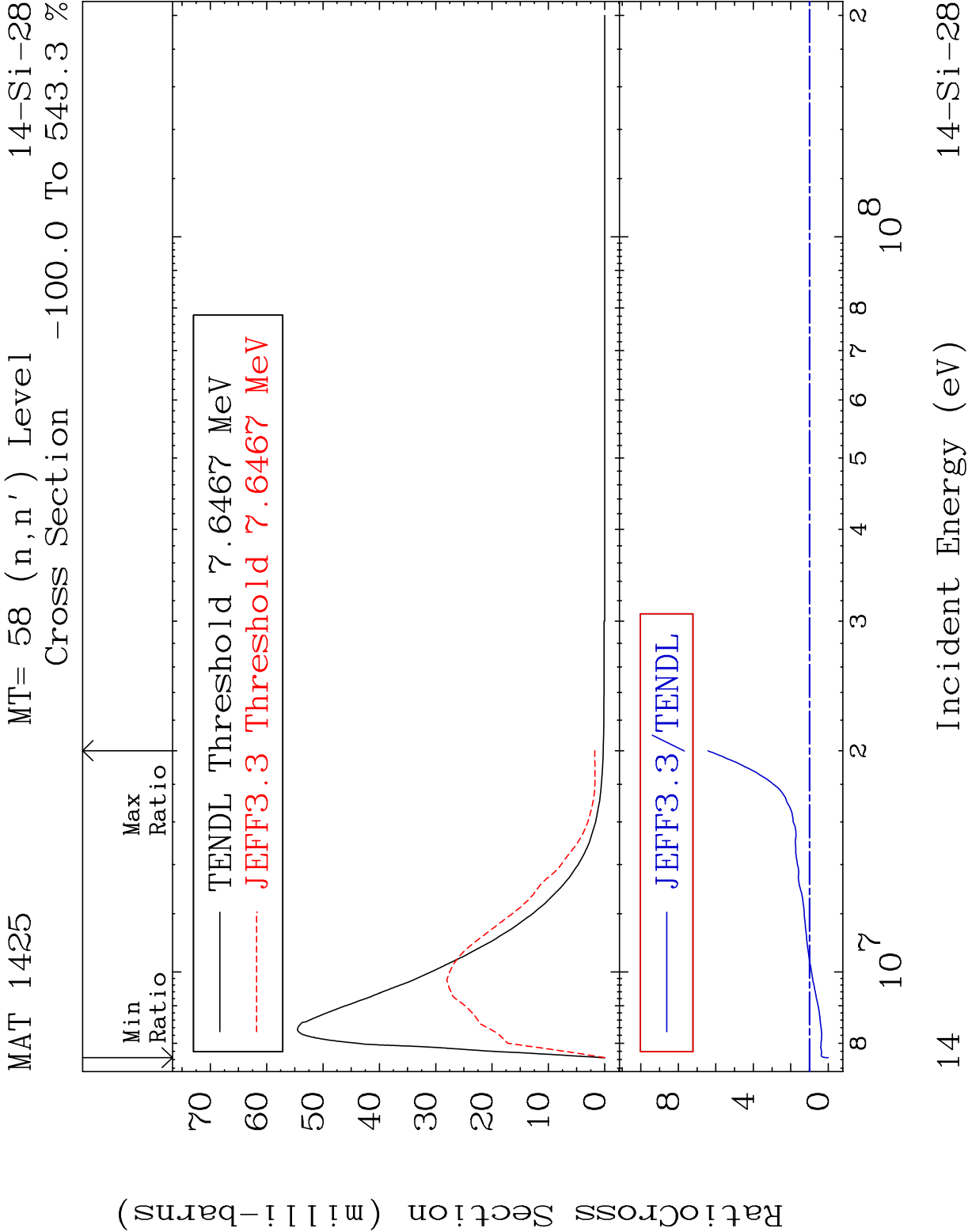
10 Incident Energy (eV) 14-Si-28

MAT 1425 MT= 55 (n,n') Level 14-Si-28
Cross Section -100.0 To 1113. %

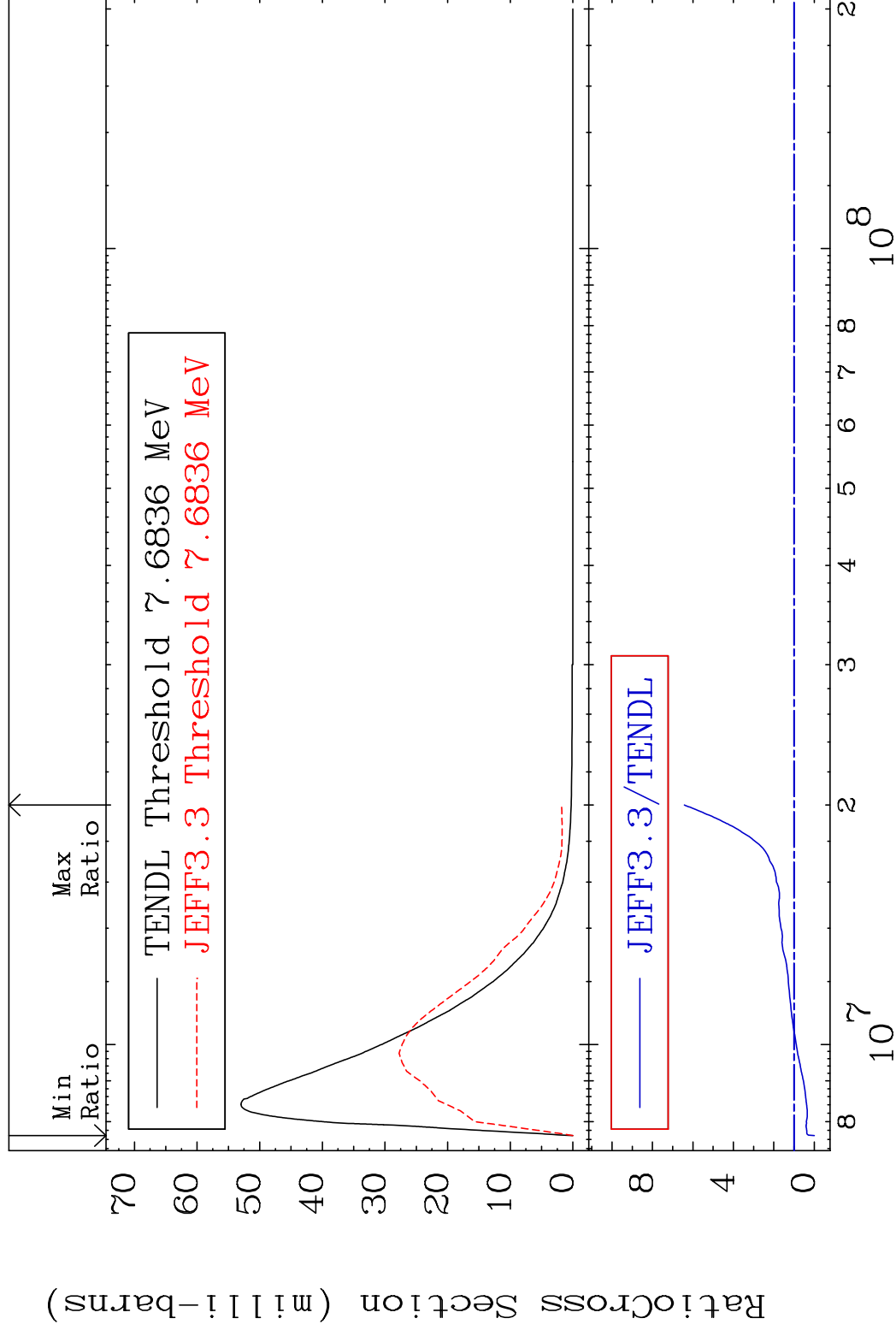




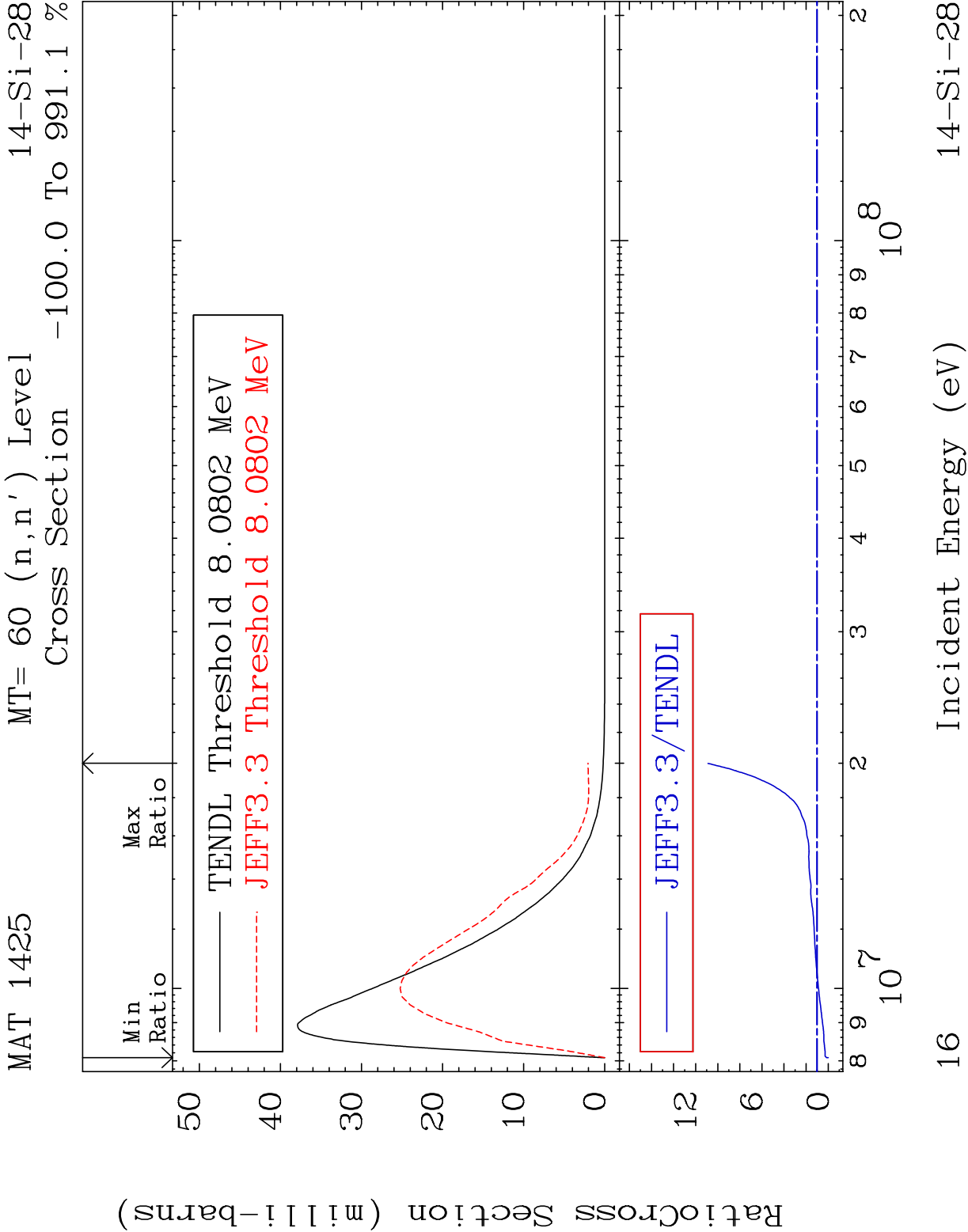




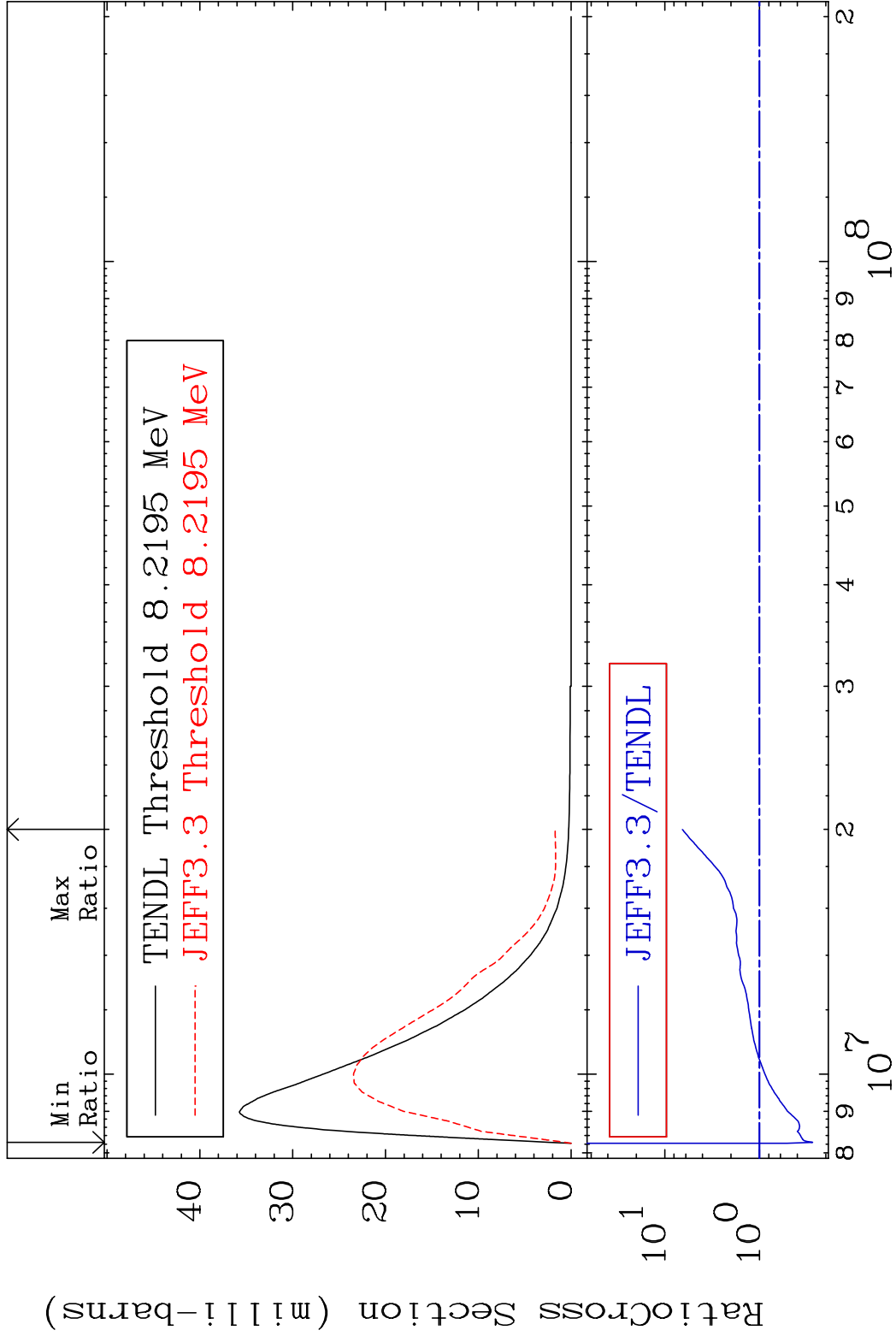
MAT 1425	MT= 59 (n, n') Level	14-Si-28
	Cross Section	-100.0 To 543.9 %



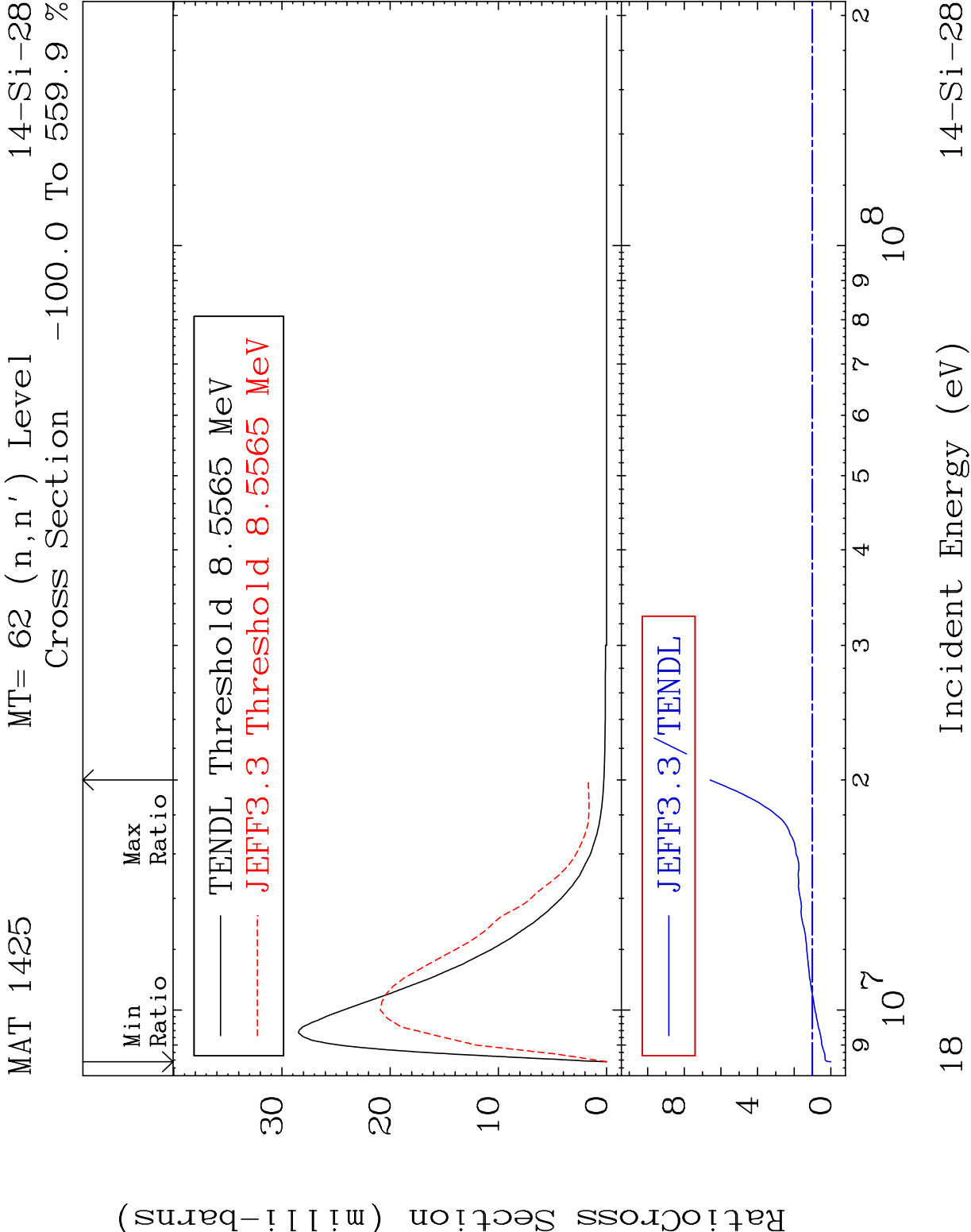
15	Incident Energy (eV)	14-Si-28
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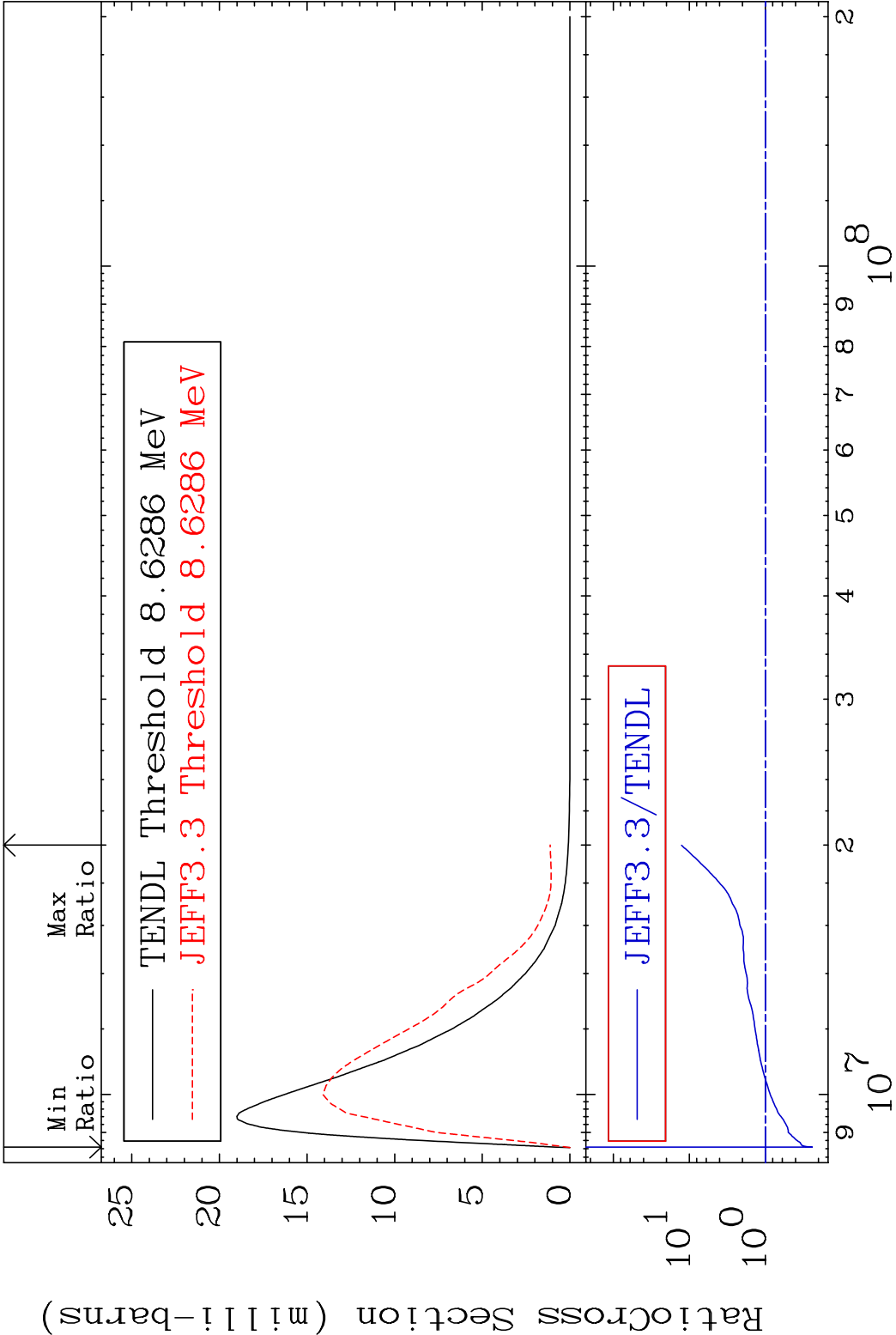
MAT 1425 MT= 61 (n,n') Level 14-Si-28
Cross Section -72.45 To 553.5 %



17 Incident Energy (eV) 14-Si-28



MAT 1425 MT= 63 (n,n') Level 14-Si-28
Cross Section -75.84 To 1166. %



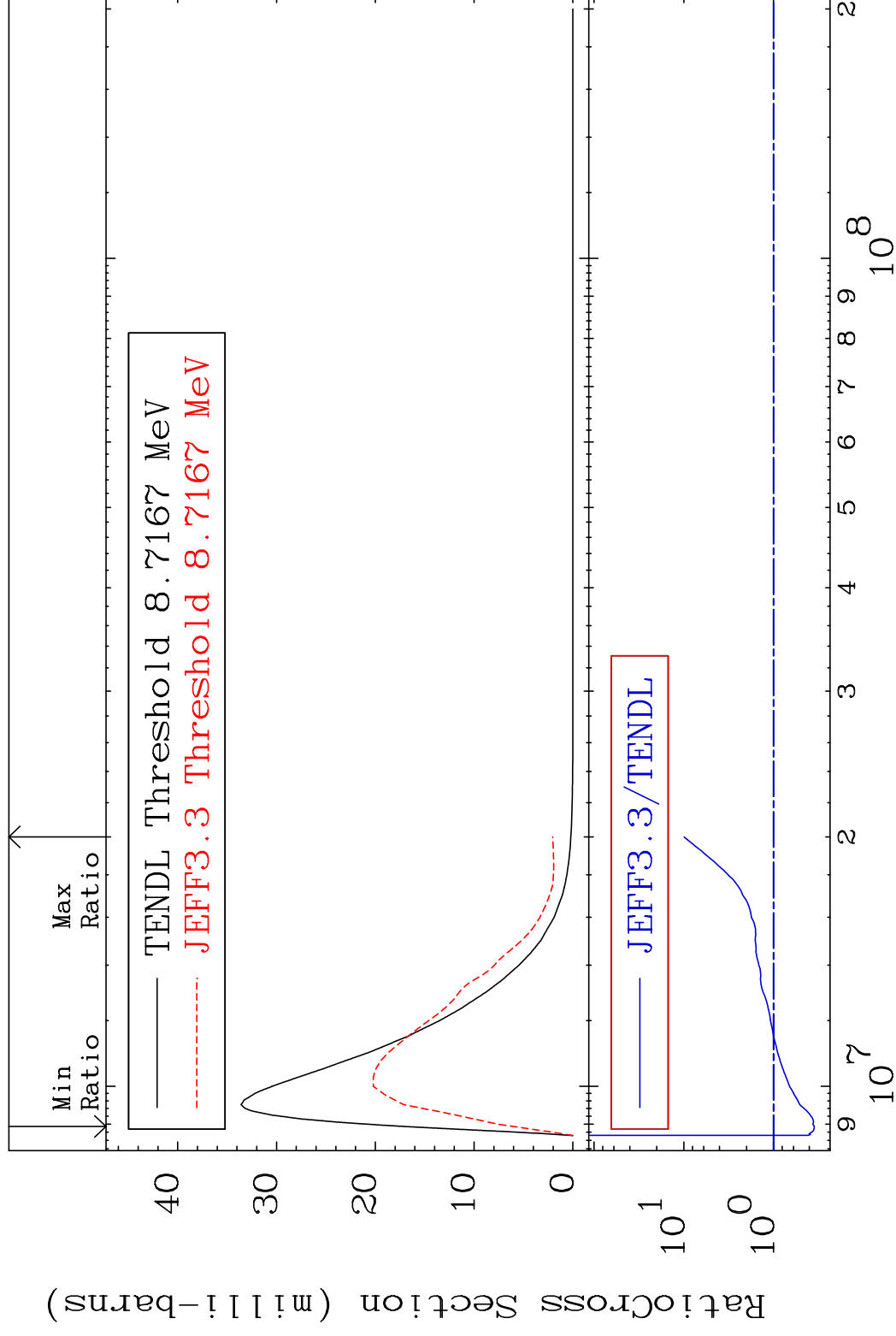
19 Incident Energy (eV) 14-Si-28

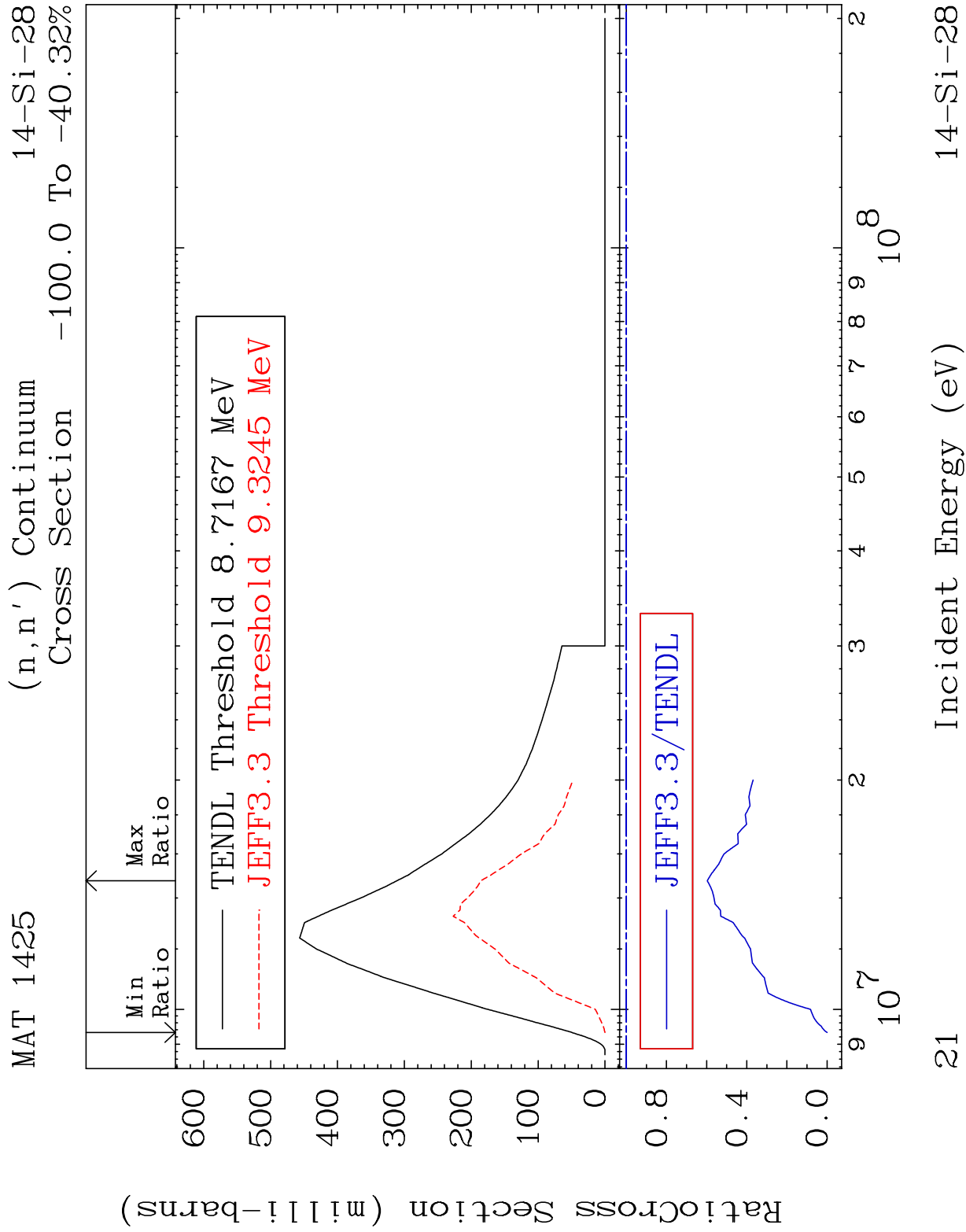
MAT 1425

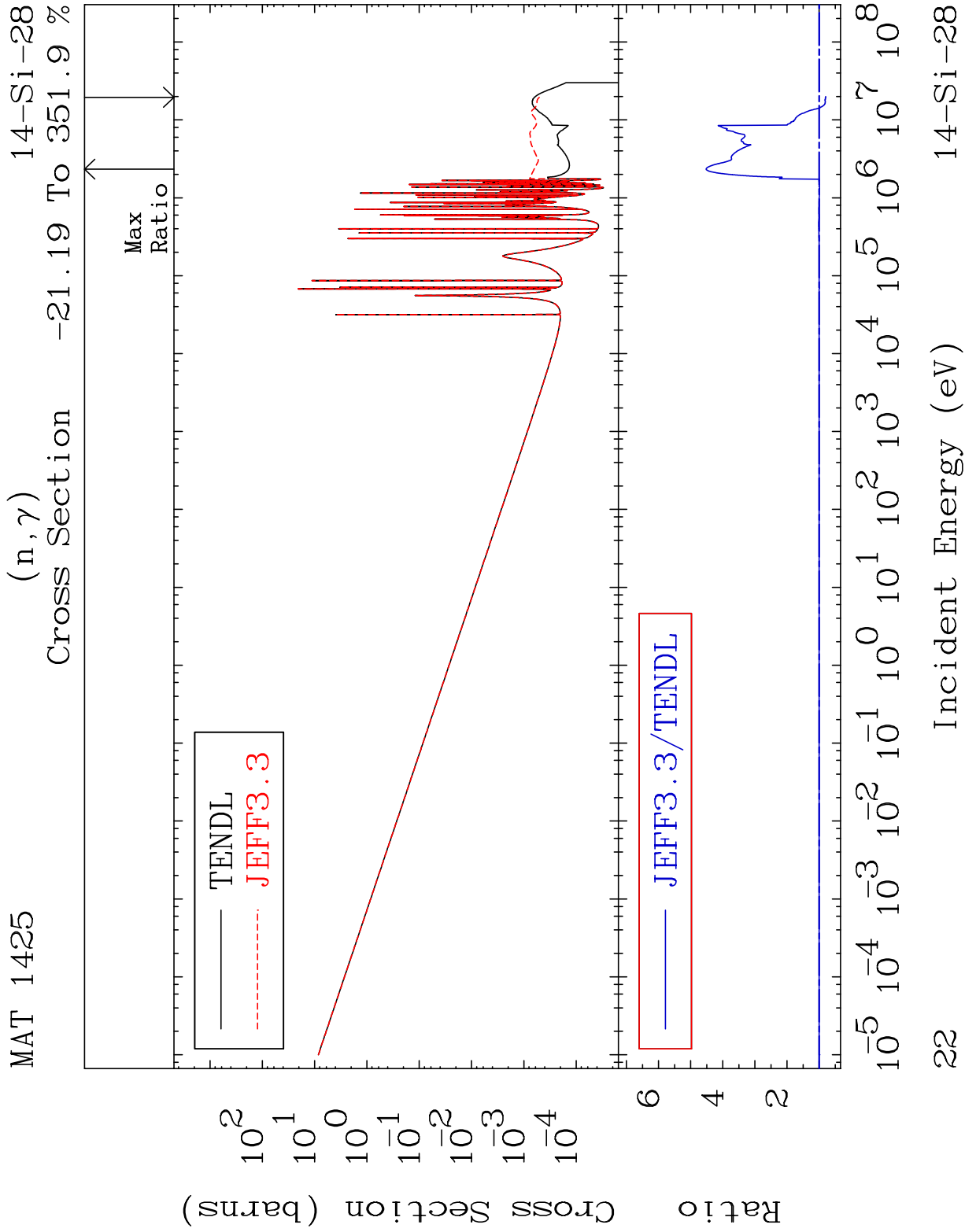
MT= 64 (n, n') Level

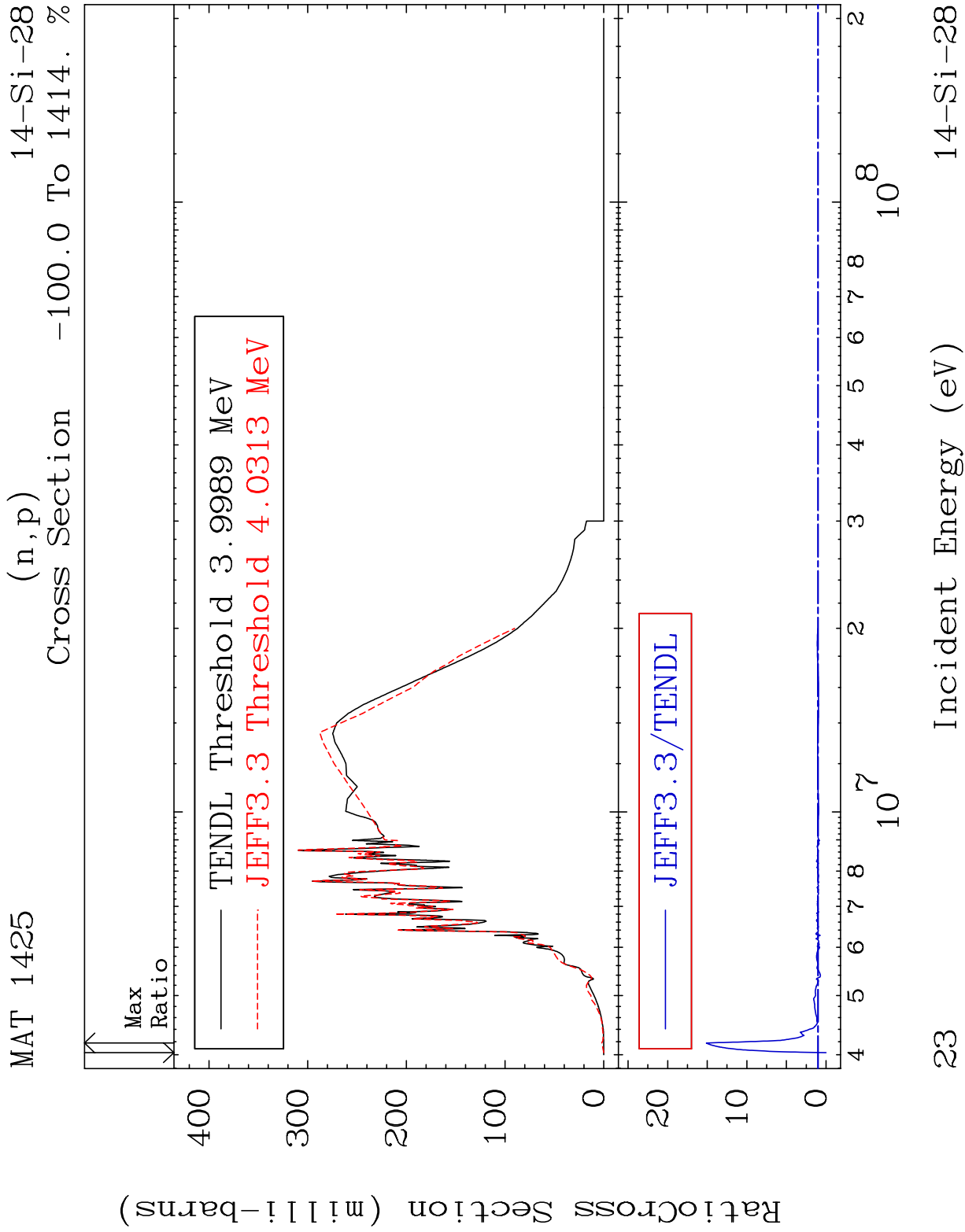
14-Si-28

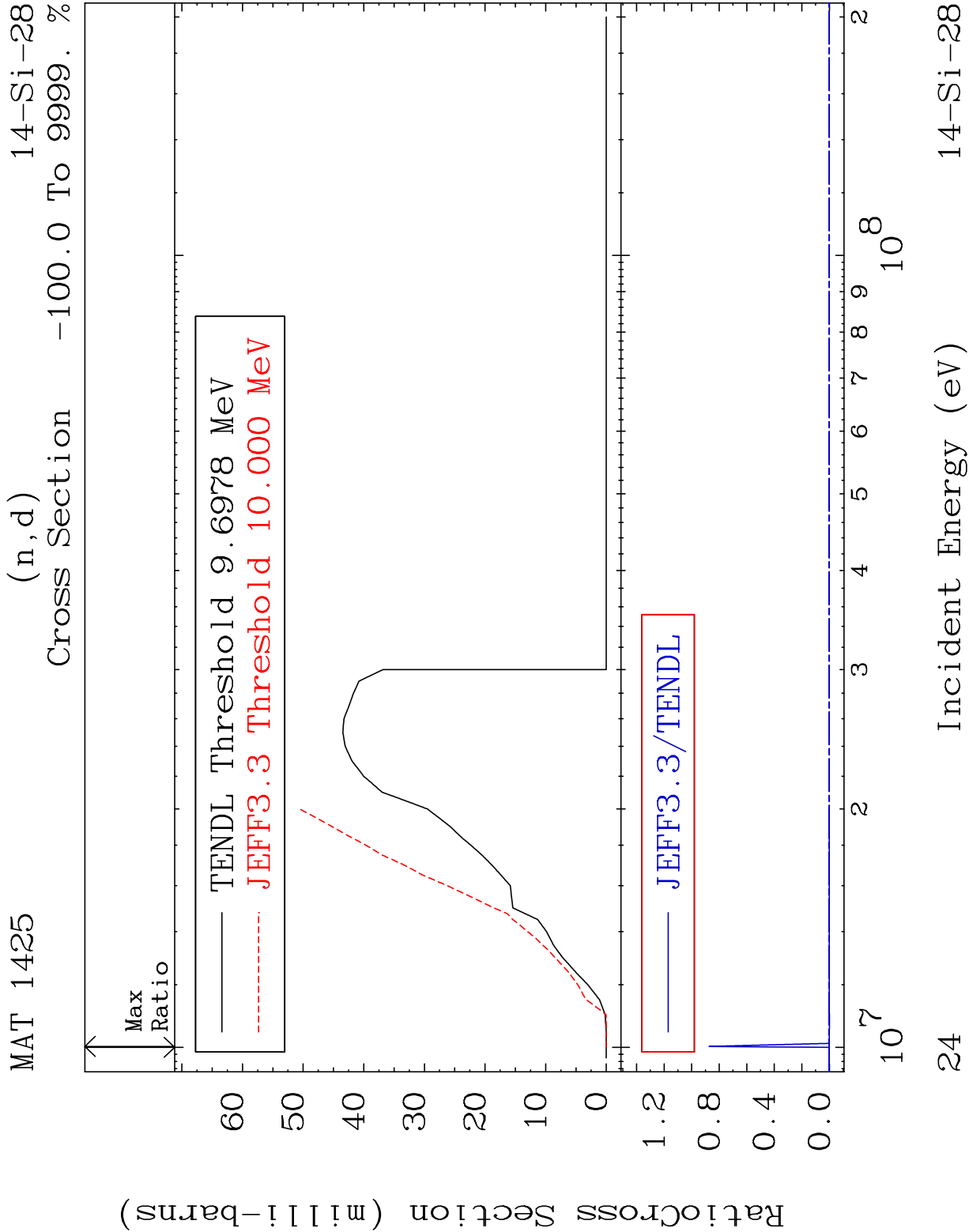
Cross Section -64.78 To 892.8 %

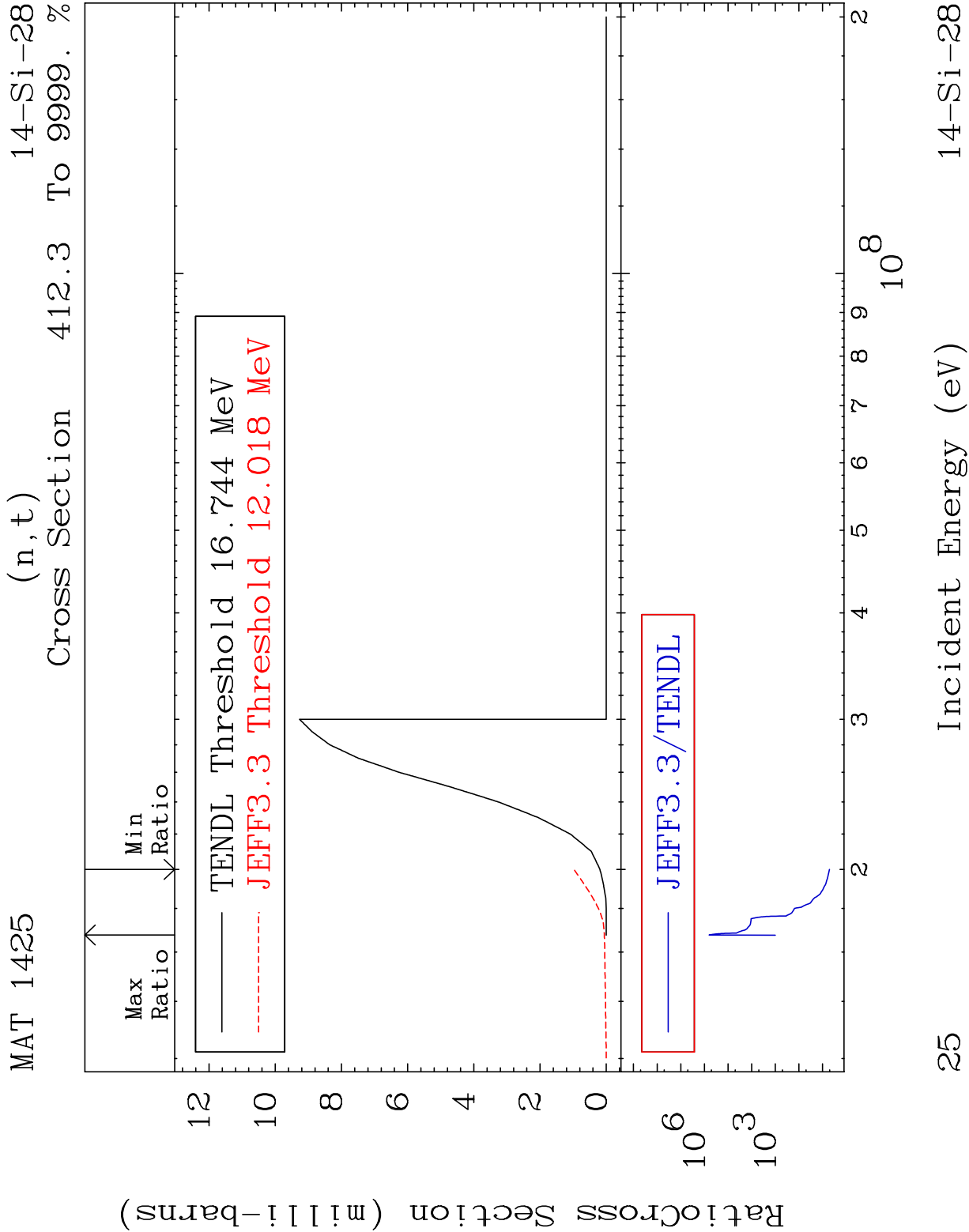


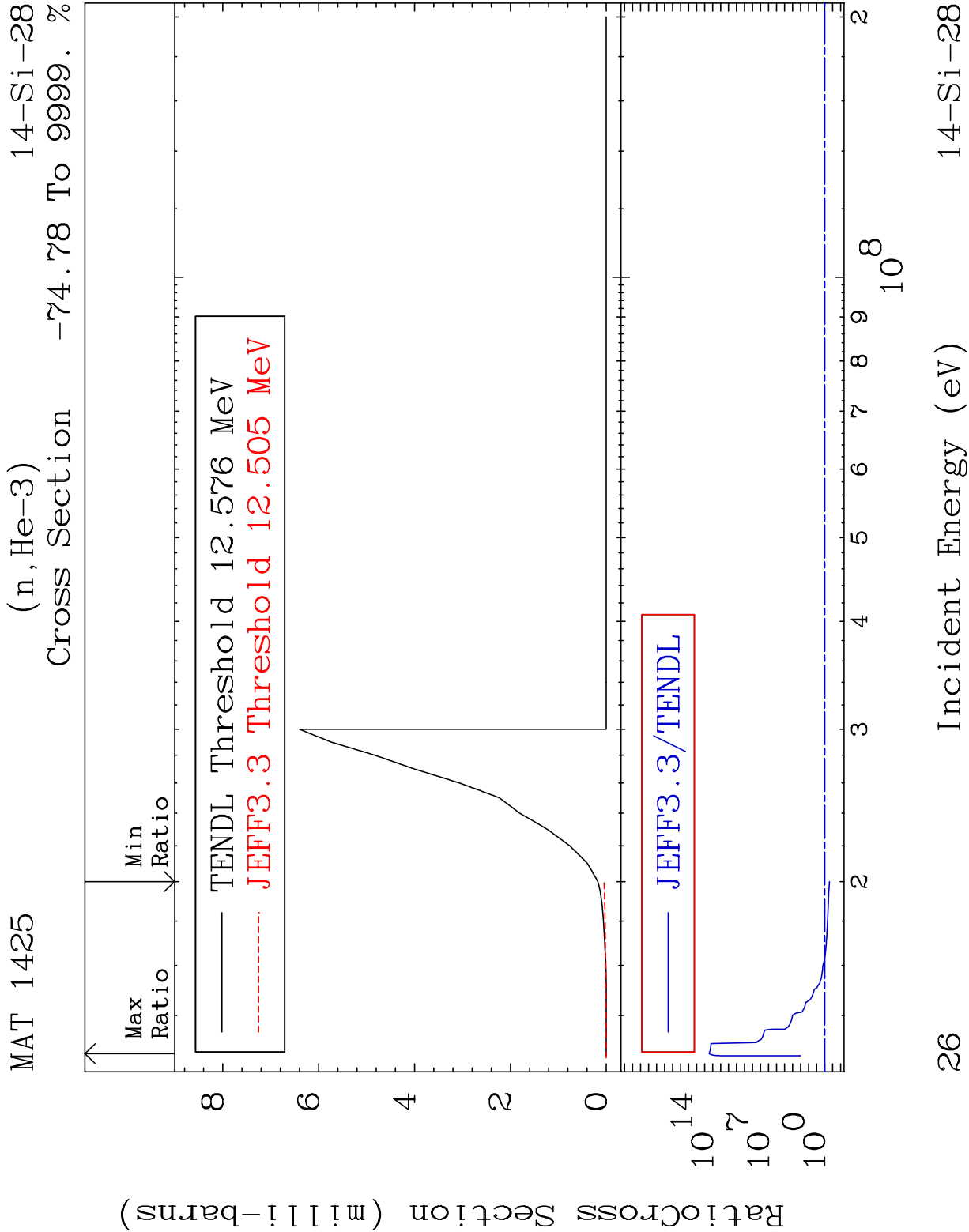


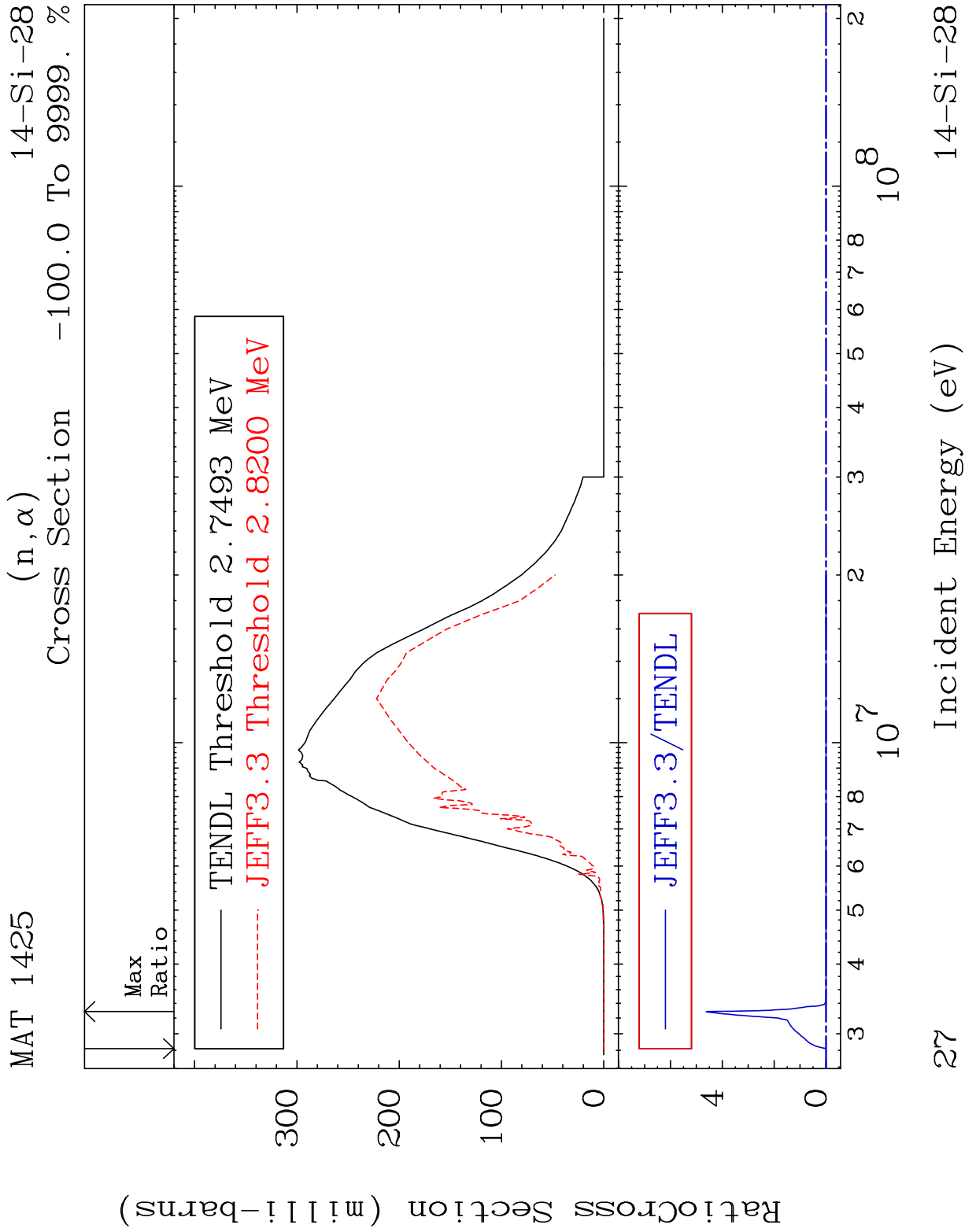


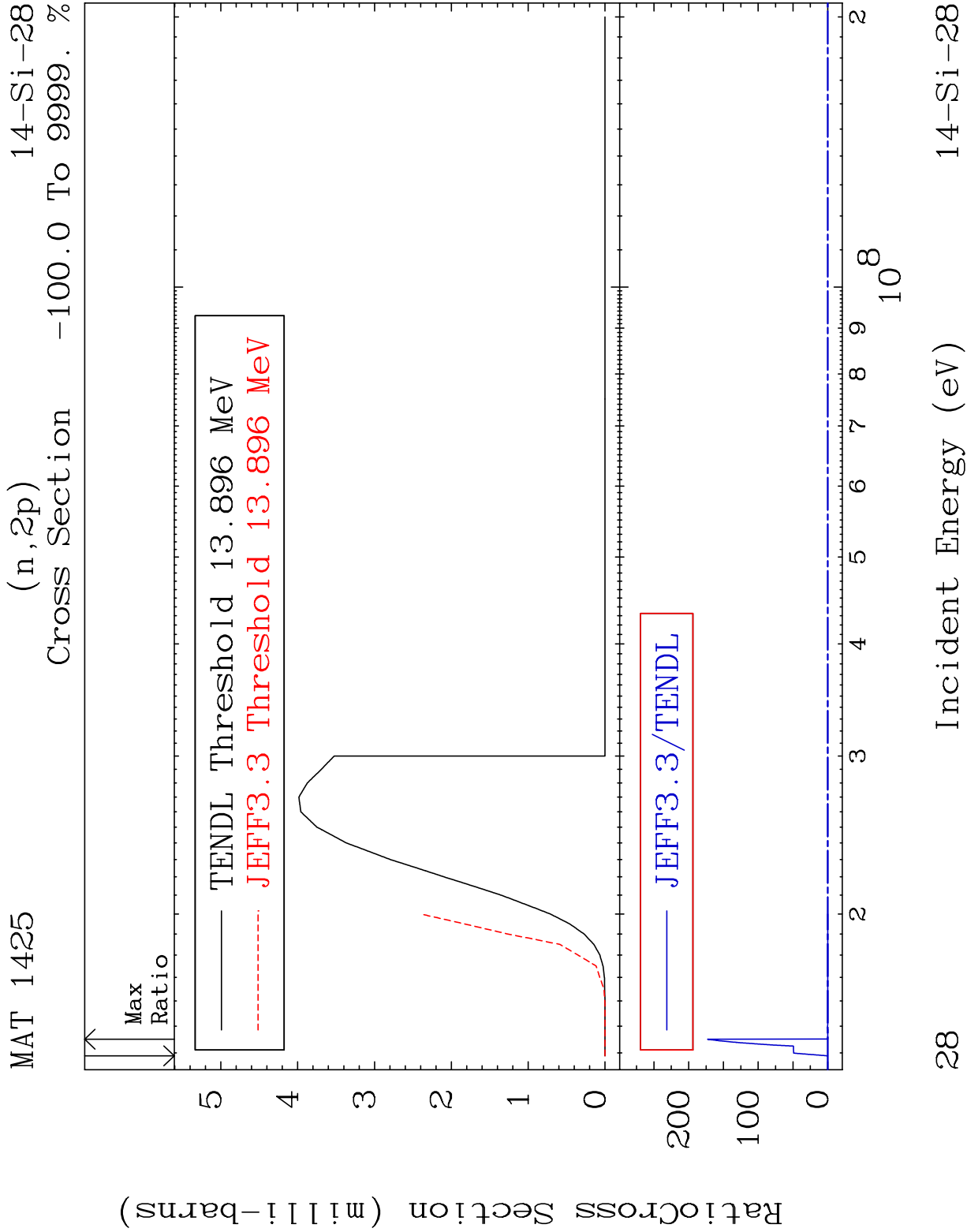




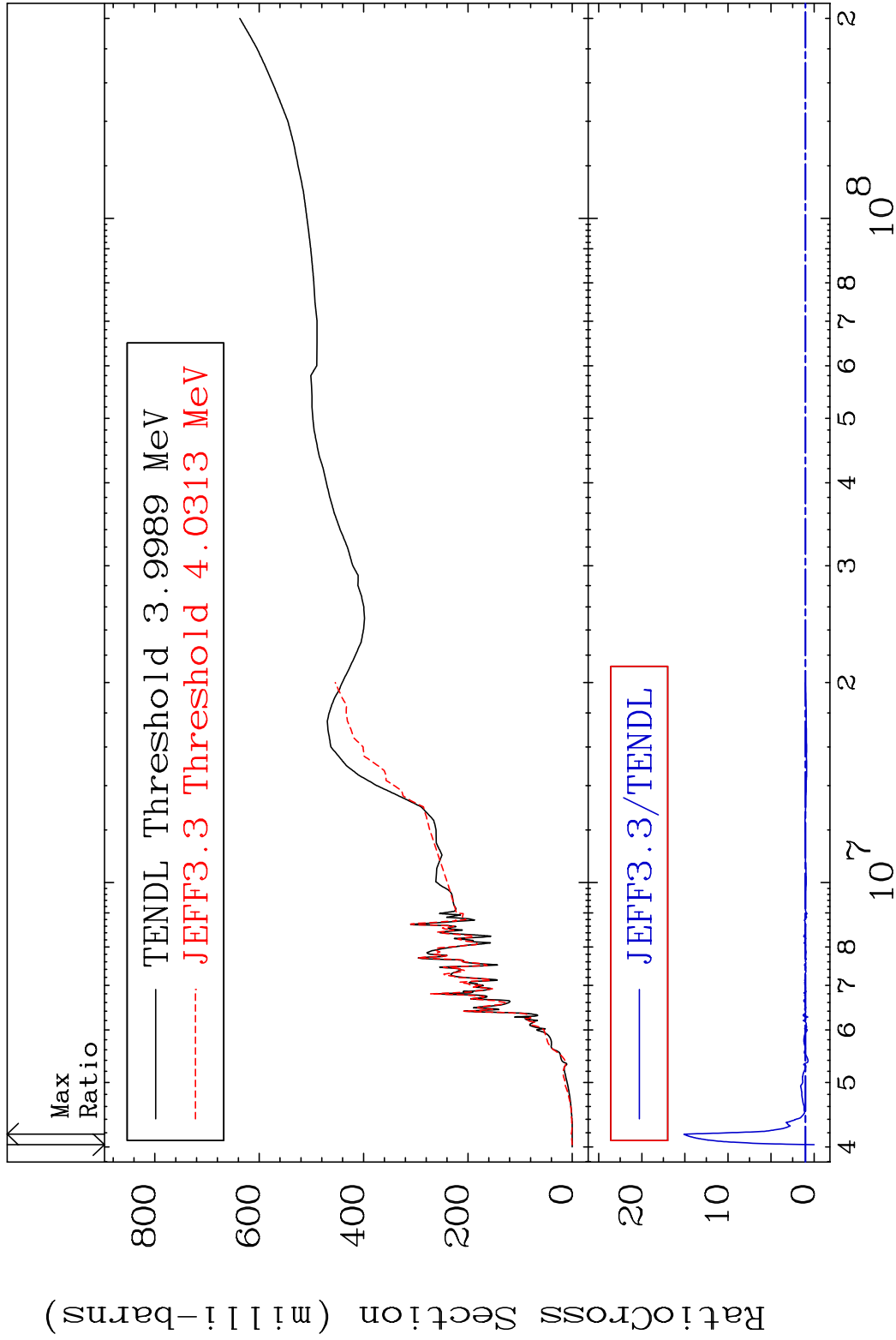


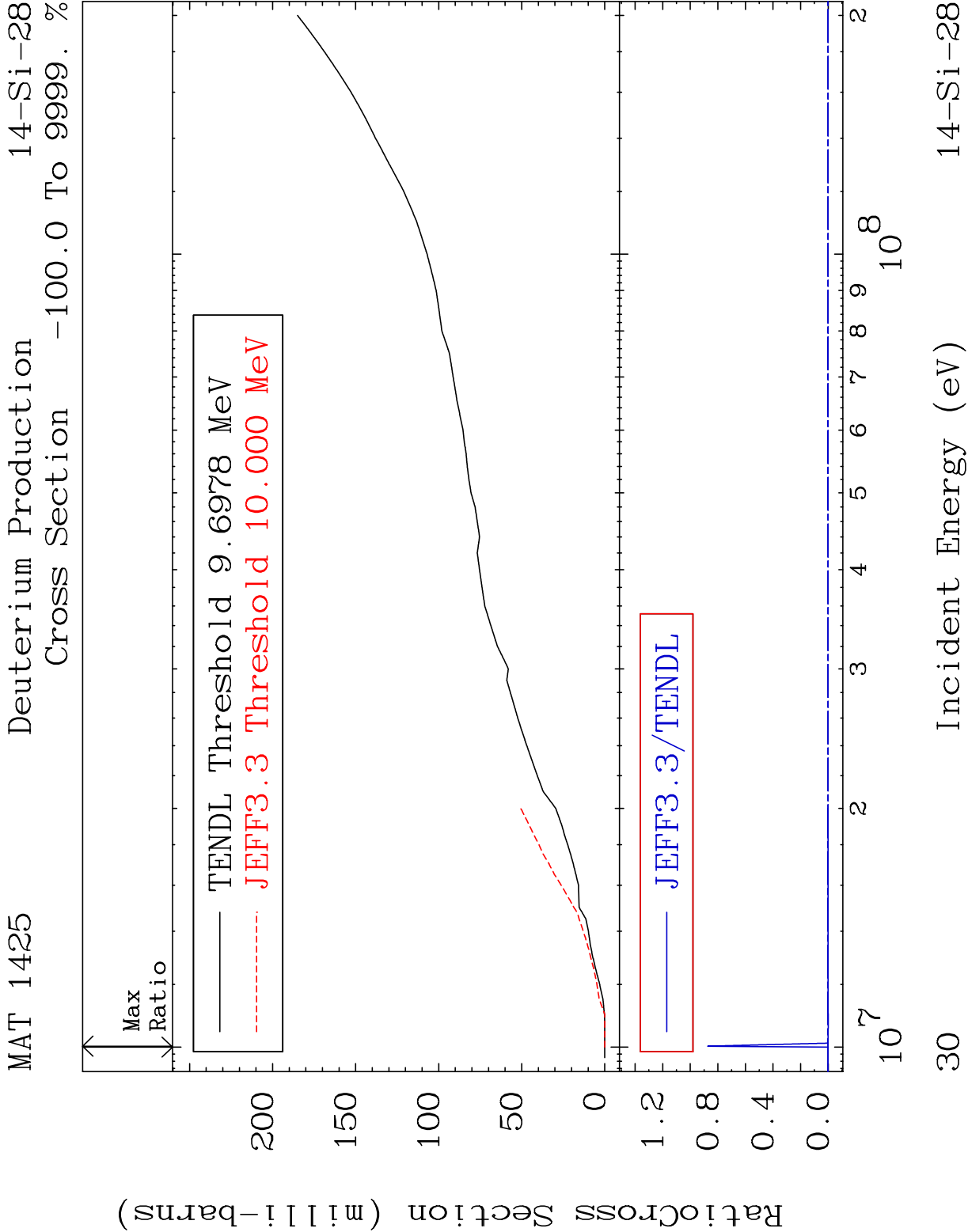


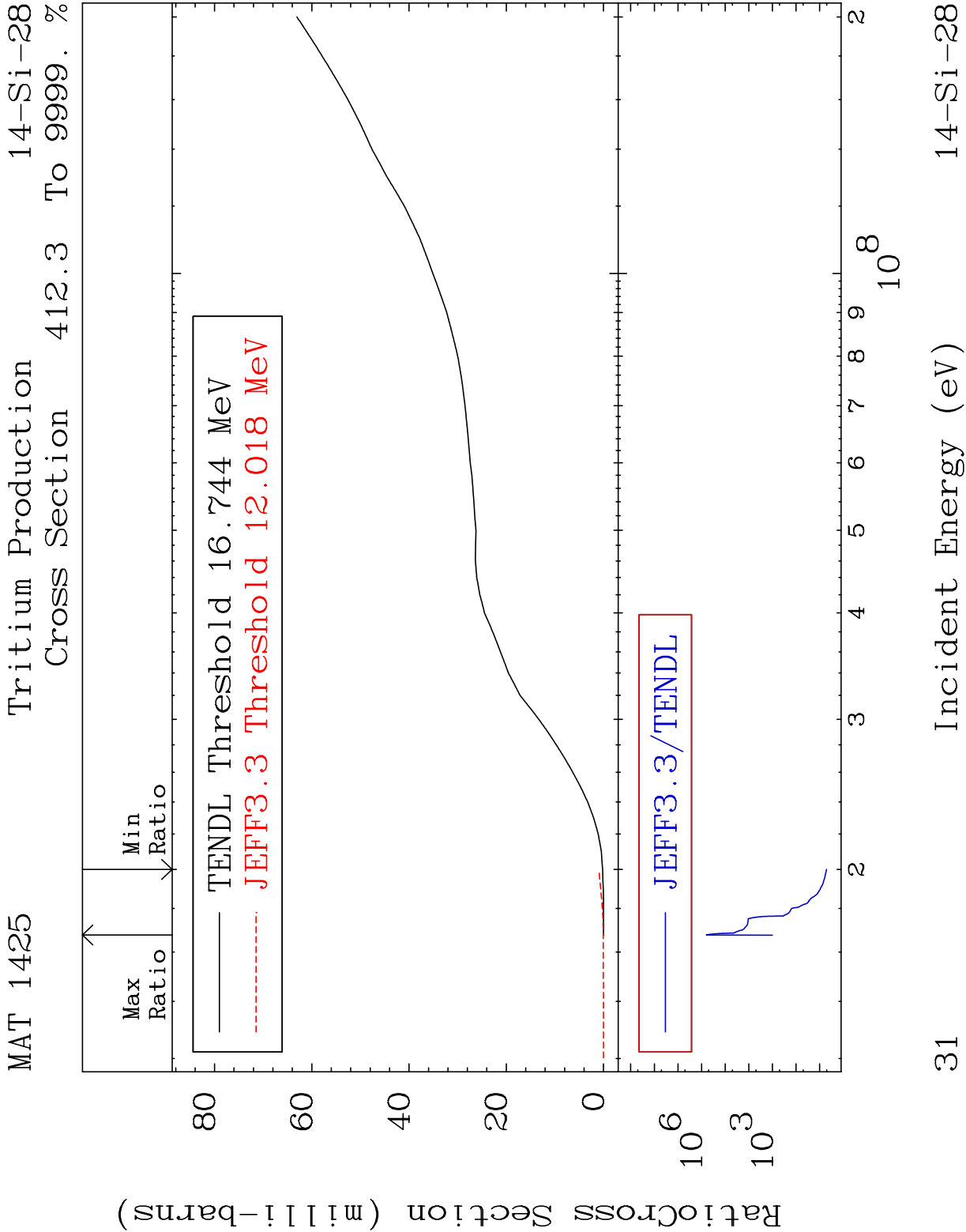


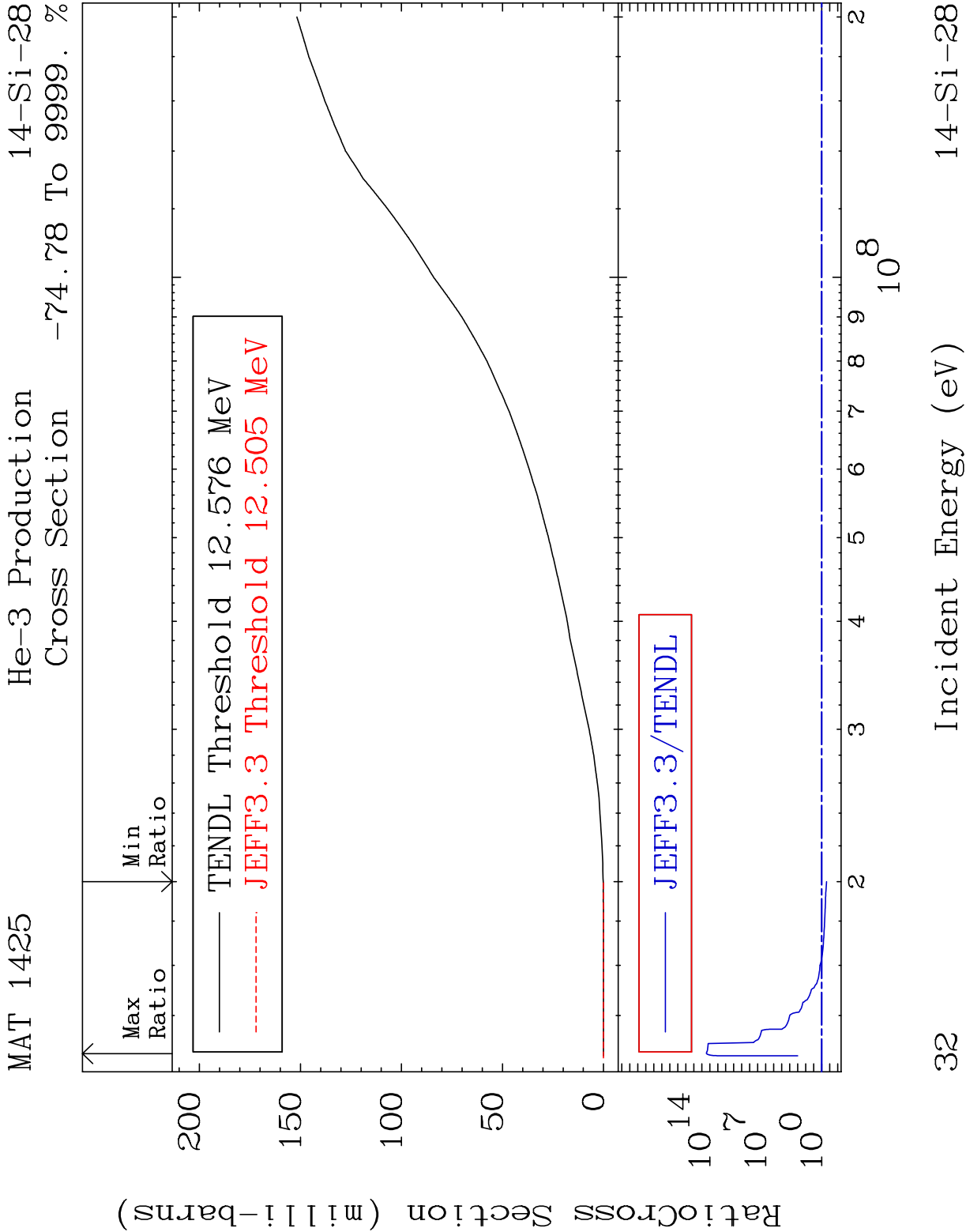


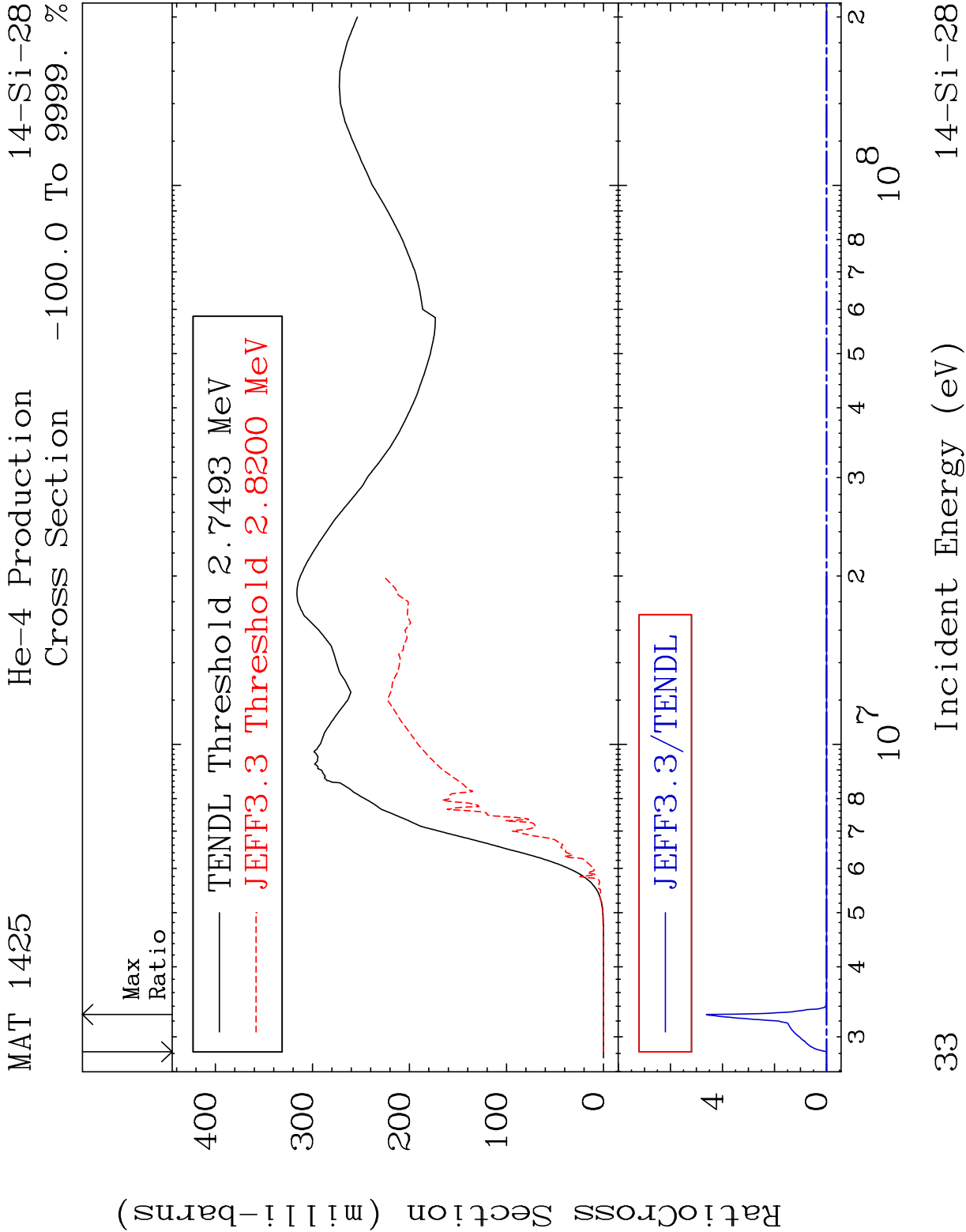
MAT 1425 Hydrogen Production ¹⁴Si-28
Cross Section -100.0 To 1414. %

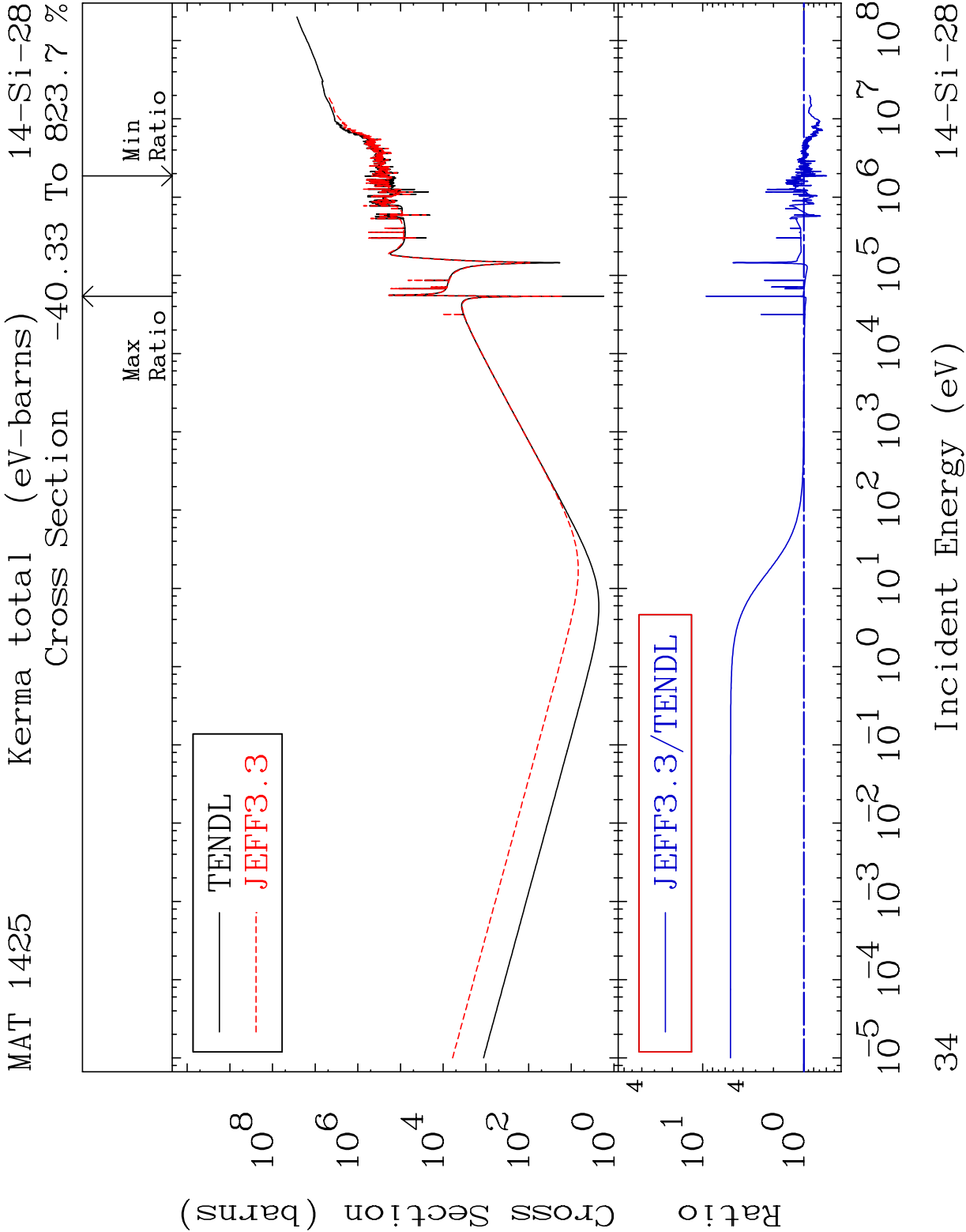


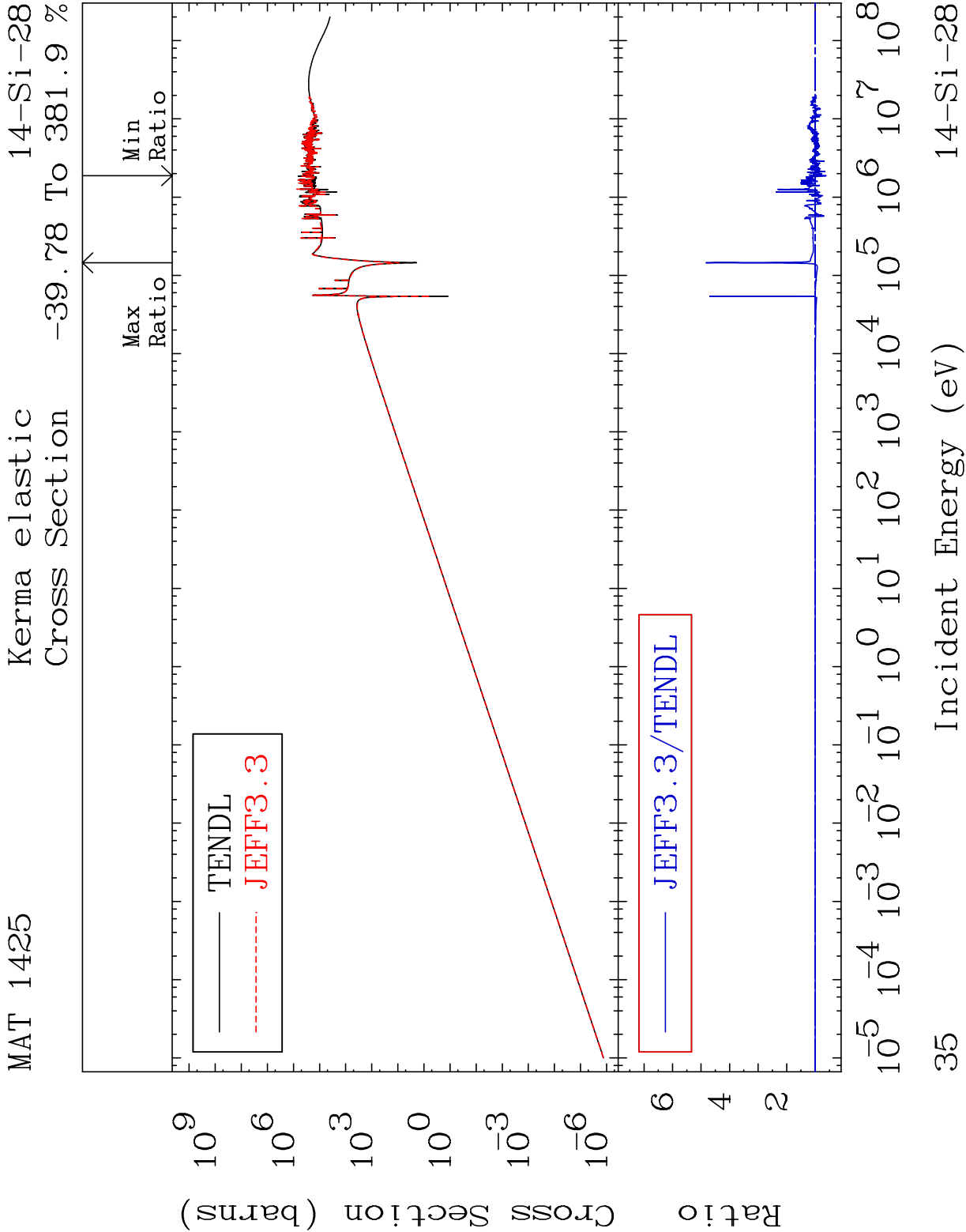




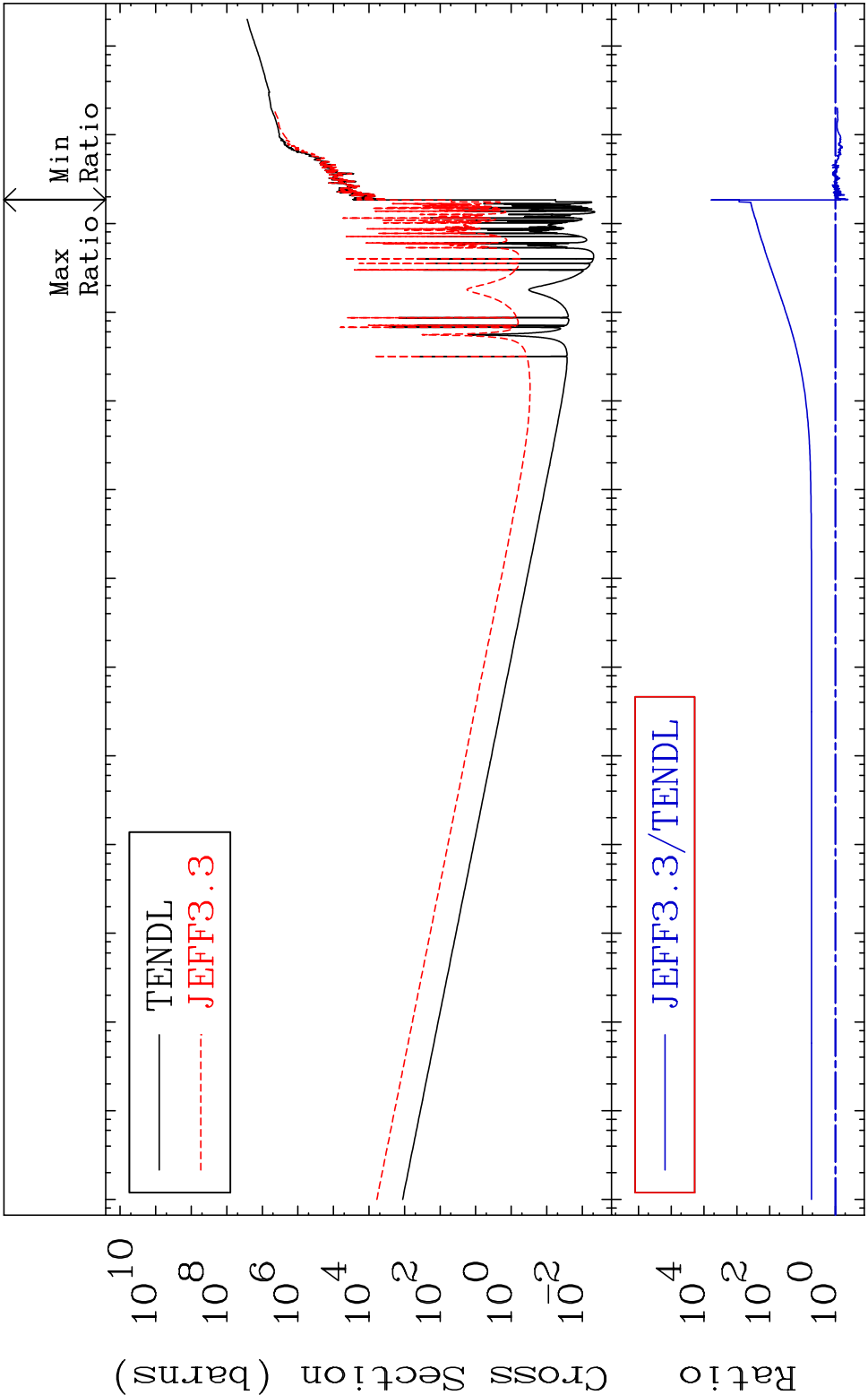




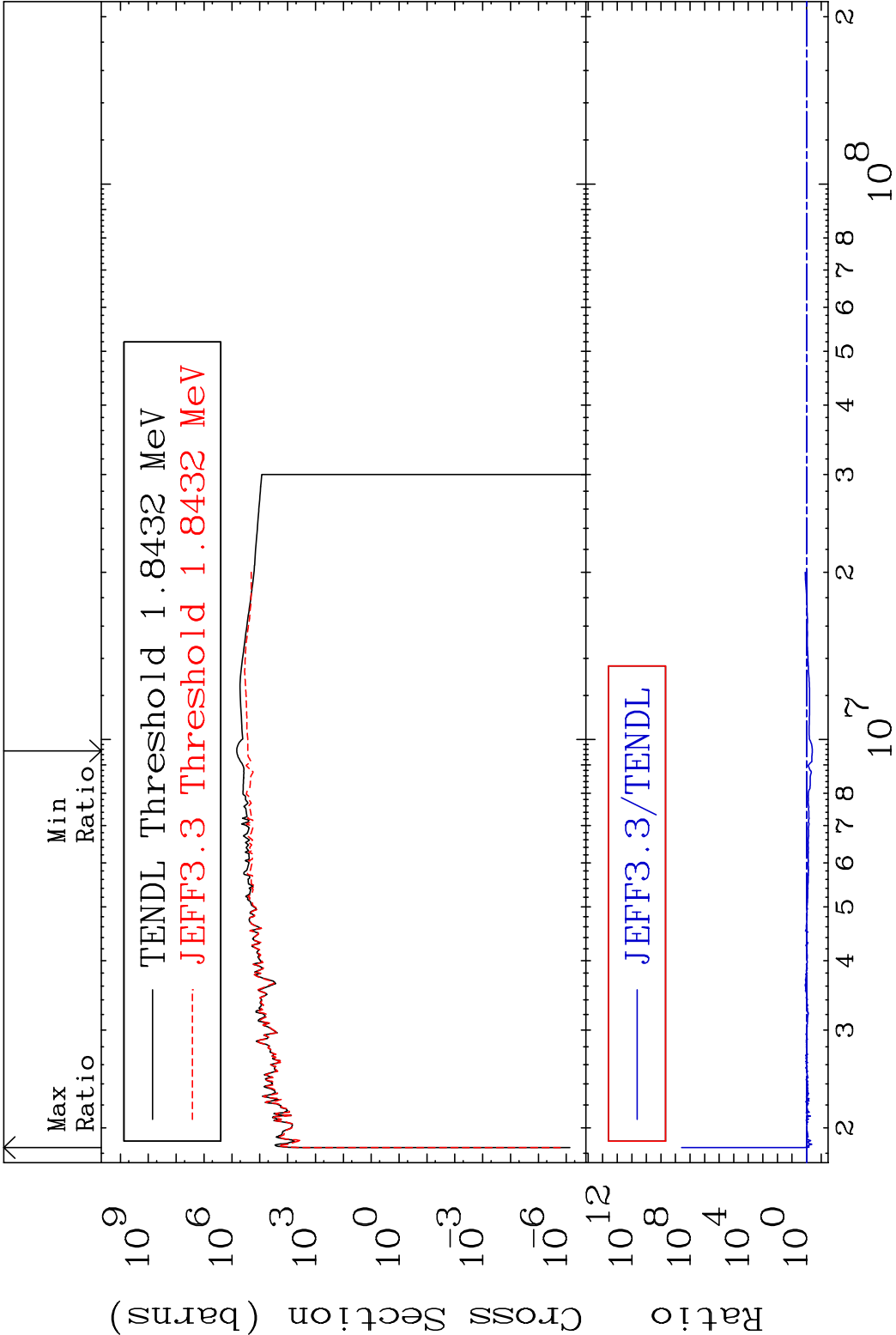




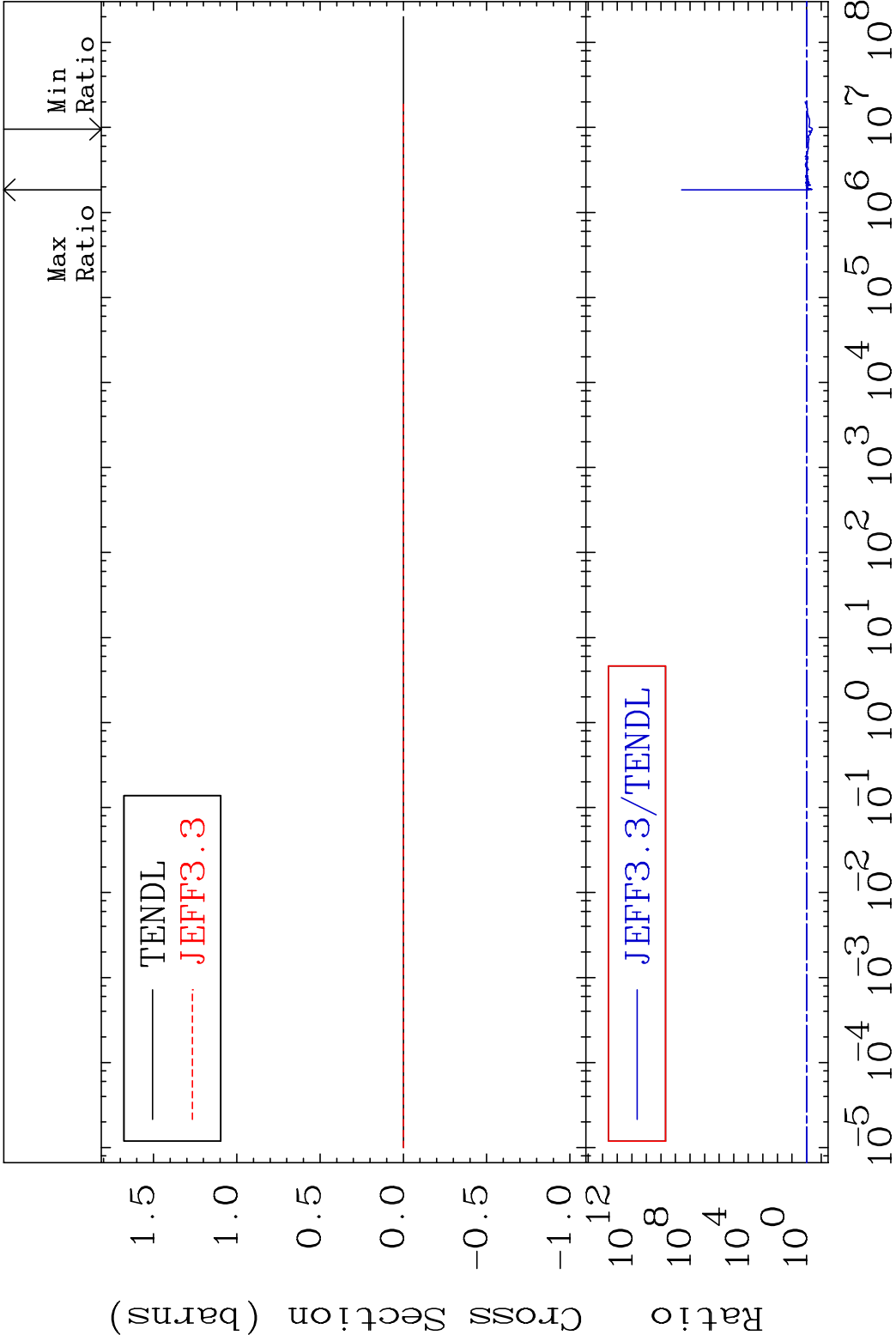
MAT 1425 Kerma non-elastic (all but mt2) 14-Si-28
 Cross Section -58.28 To 9999. %

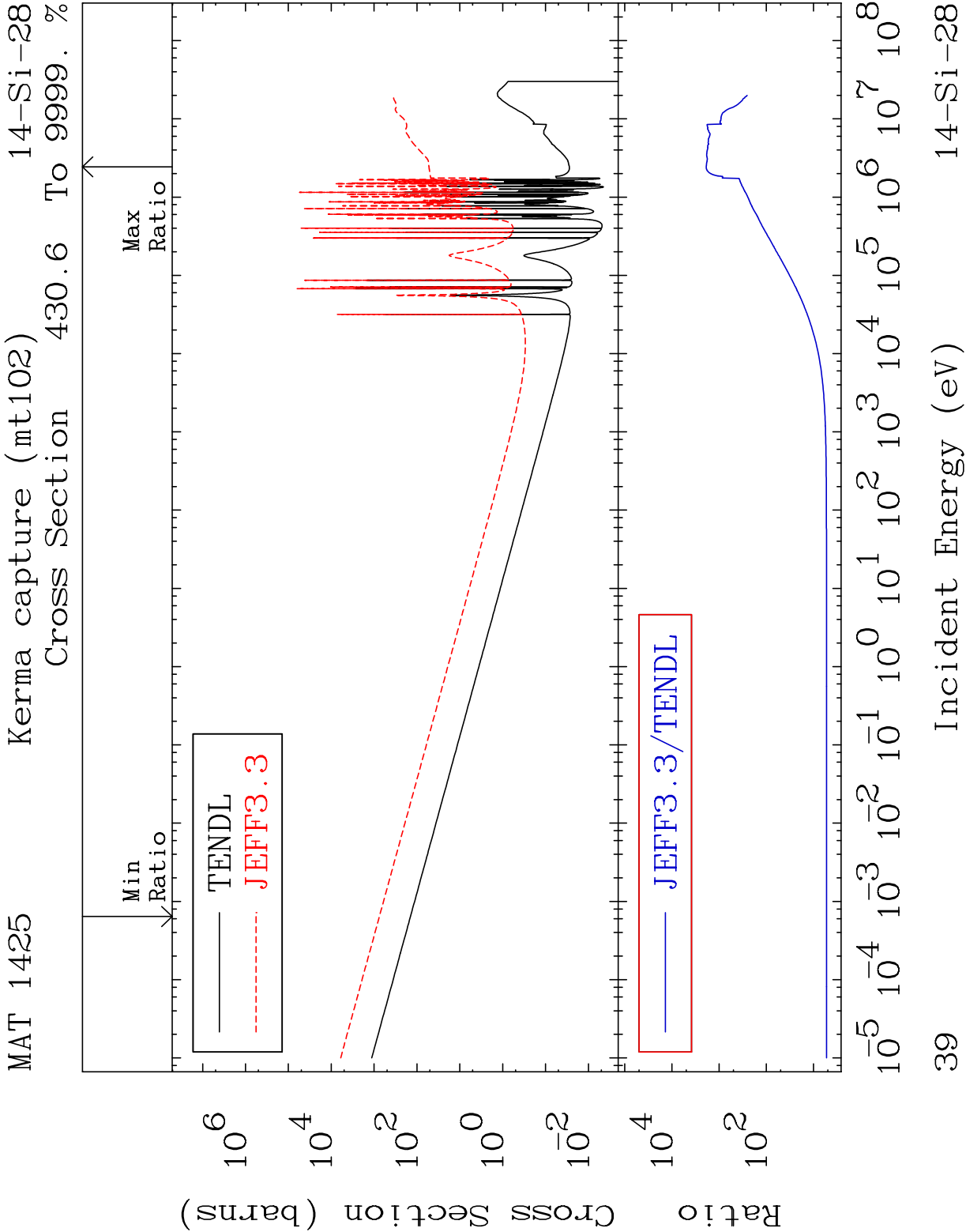


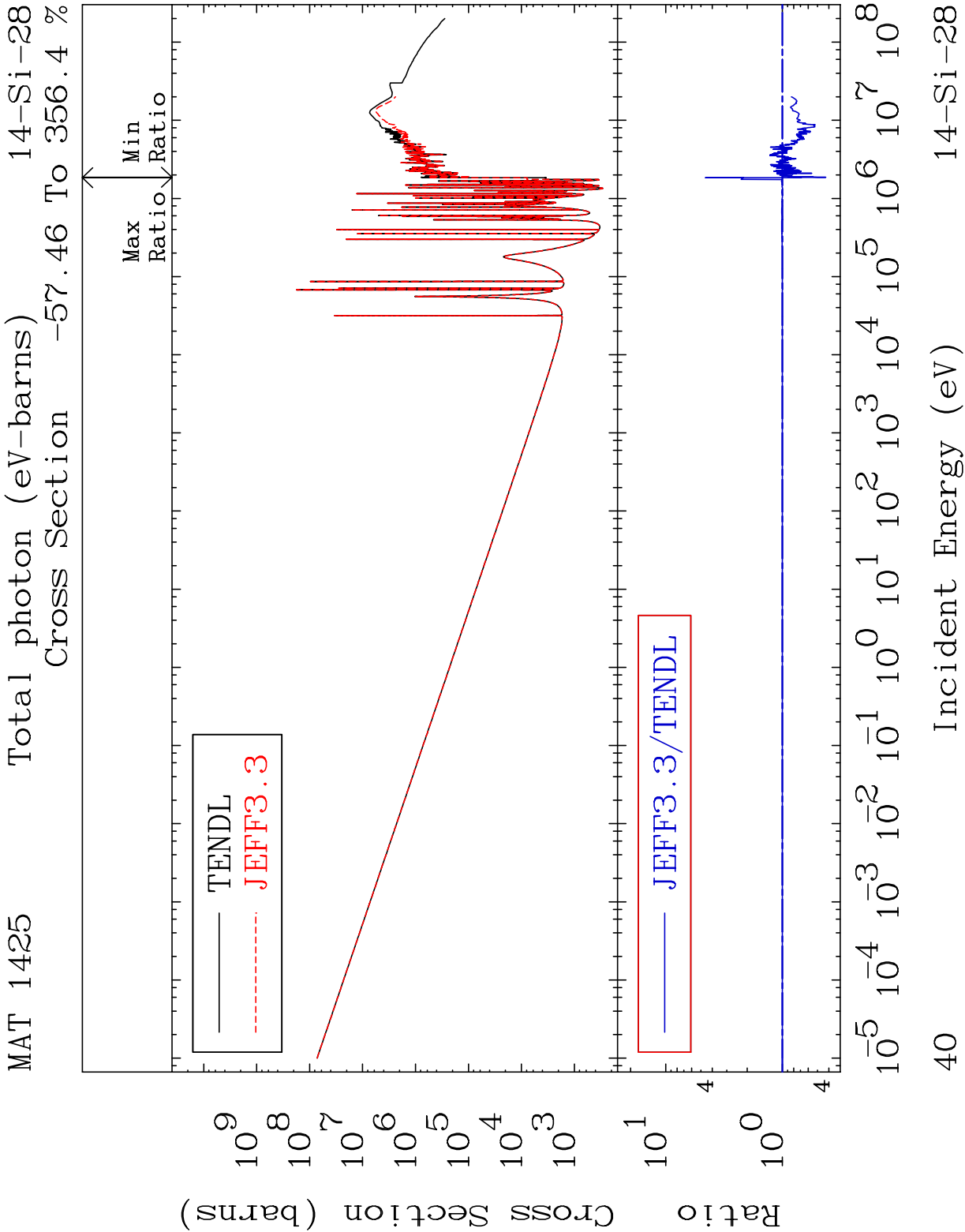
36 Incident Energy (eV) 14-Si-28



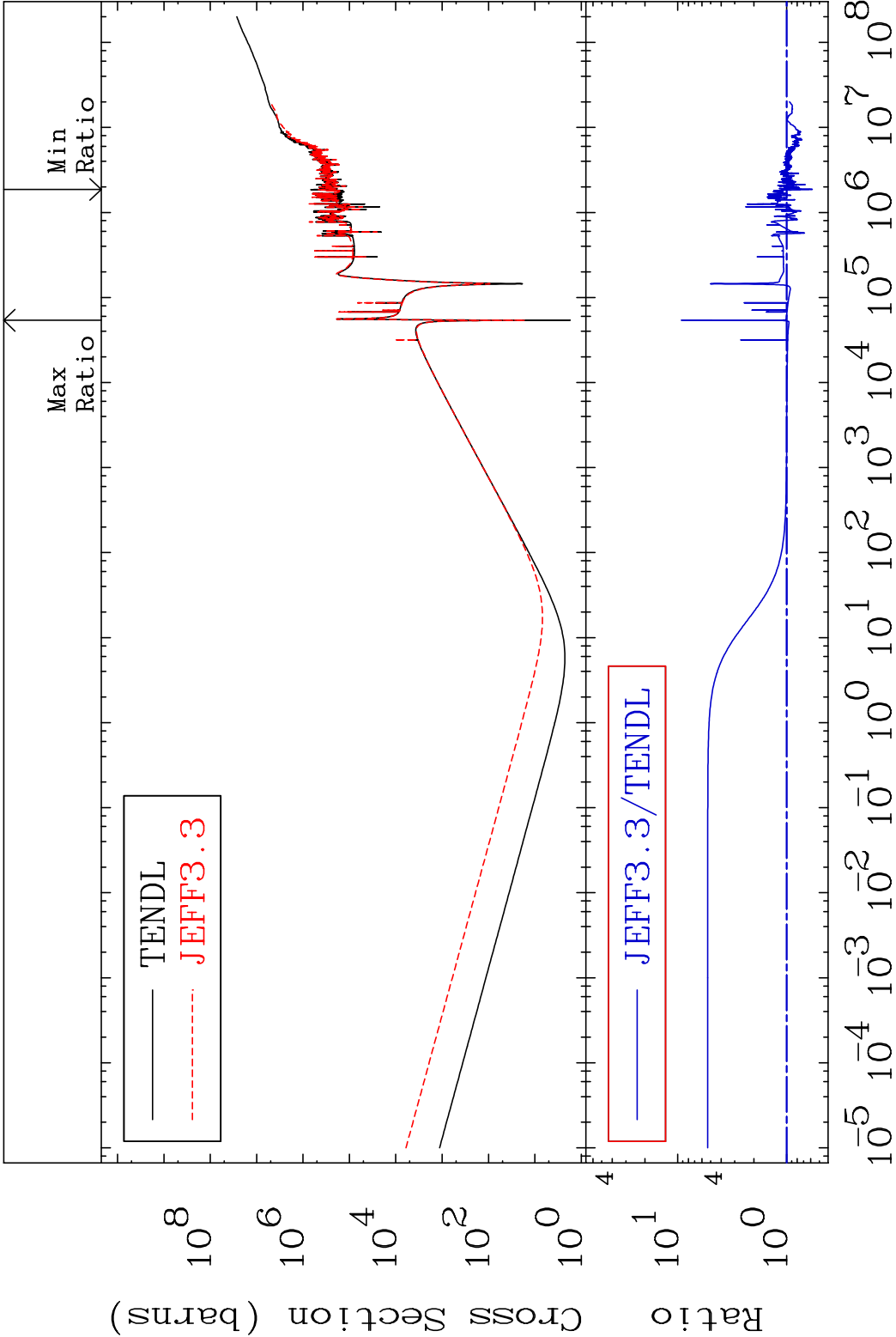
MAT 1425 Kerma fission (mt18 or mt19-20-21-38) 14-Si-28
Cross Section -59.36 To 9999. %



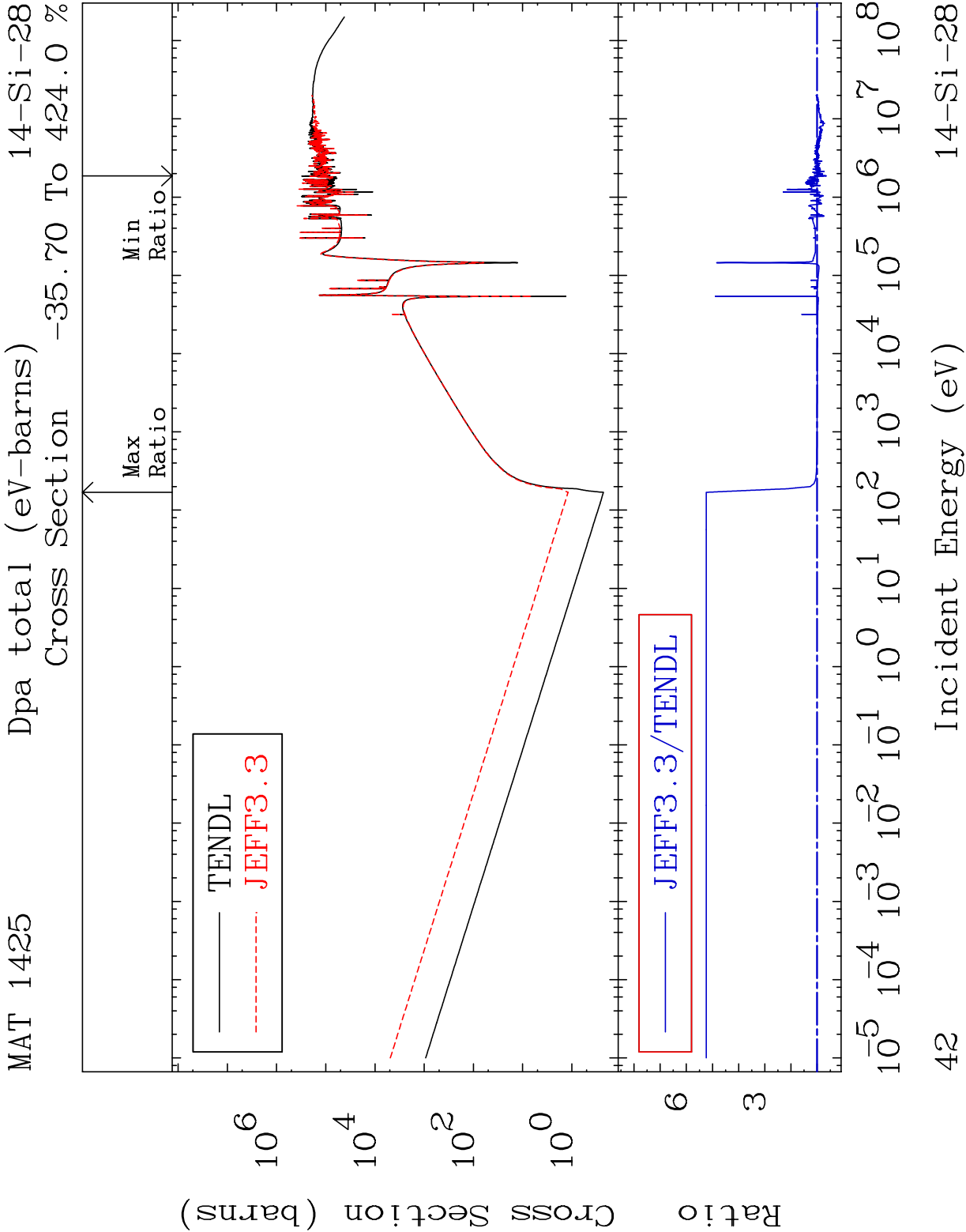


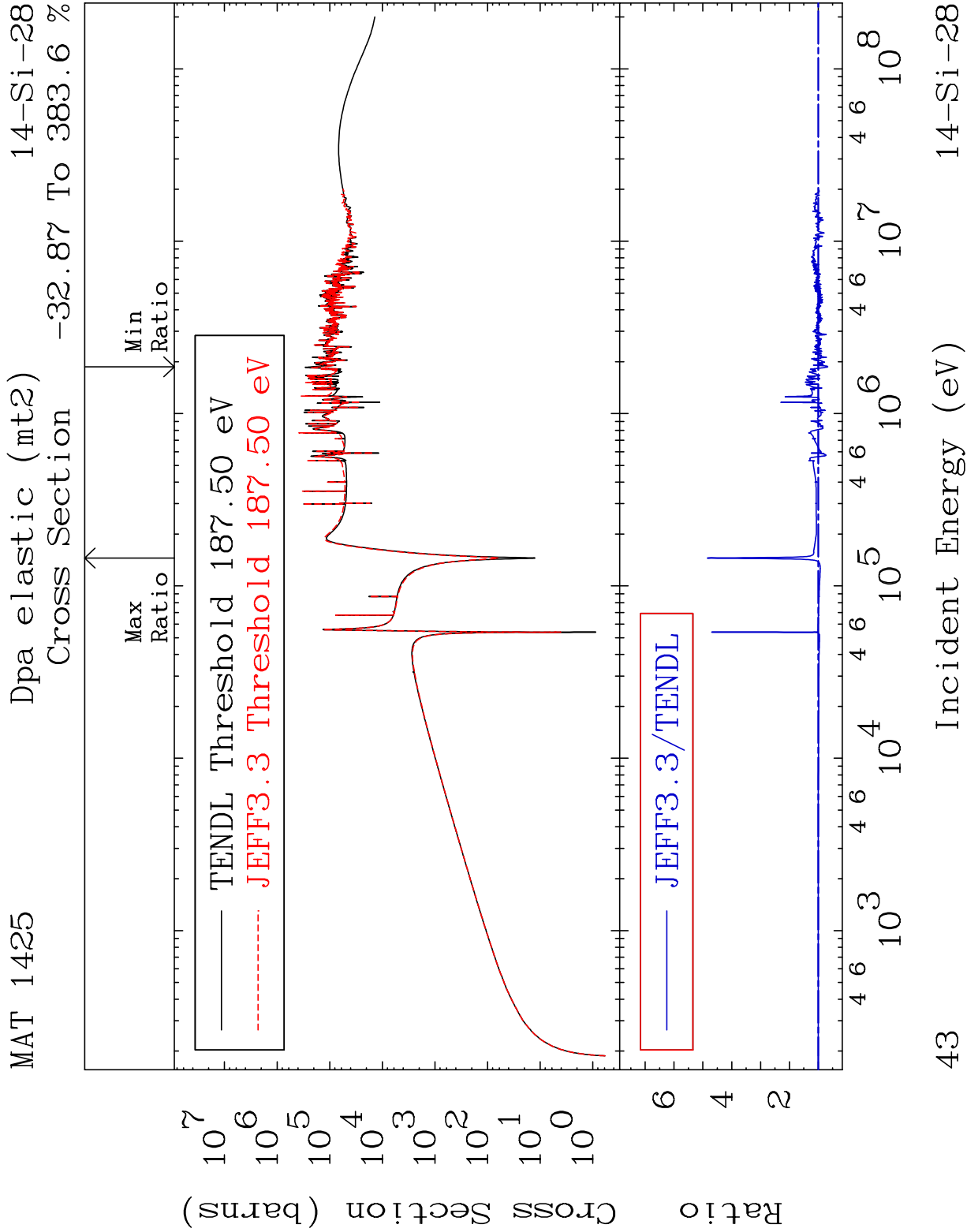


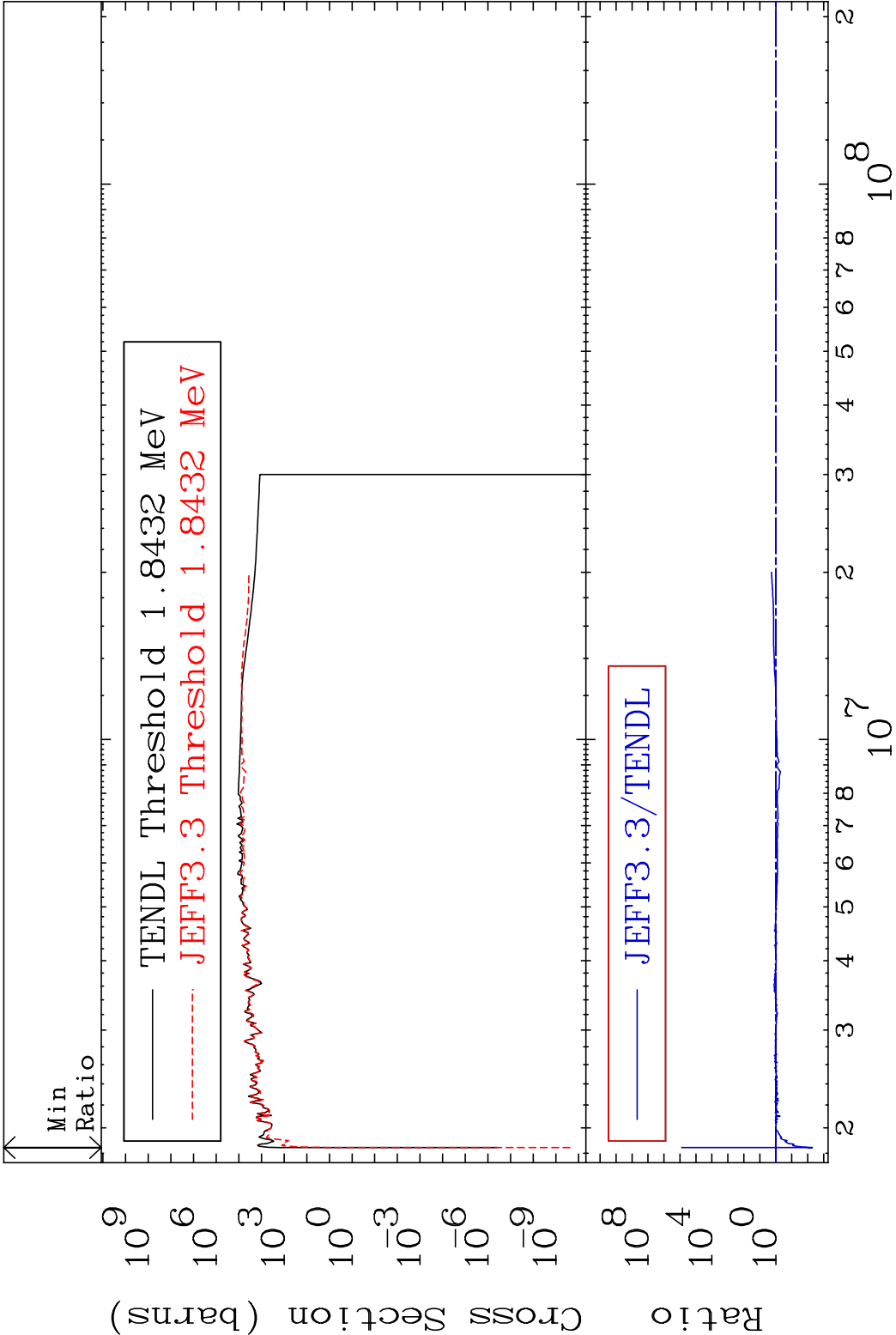
MAT 1425 Total kinematic kerma (high limit) 14-Si-28
 Cross Section -41.83 To 823.7 %



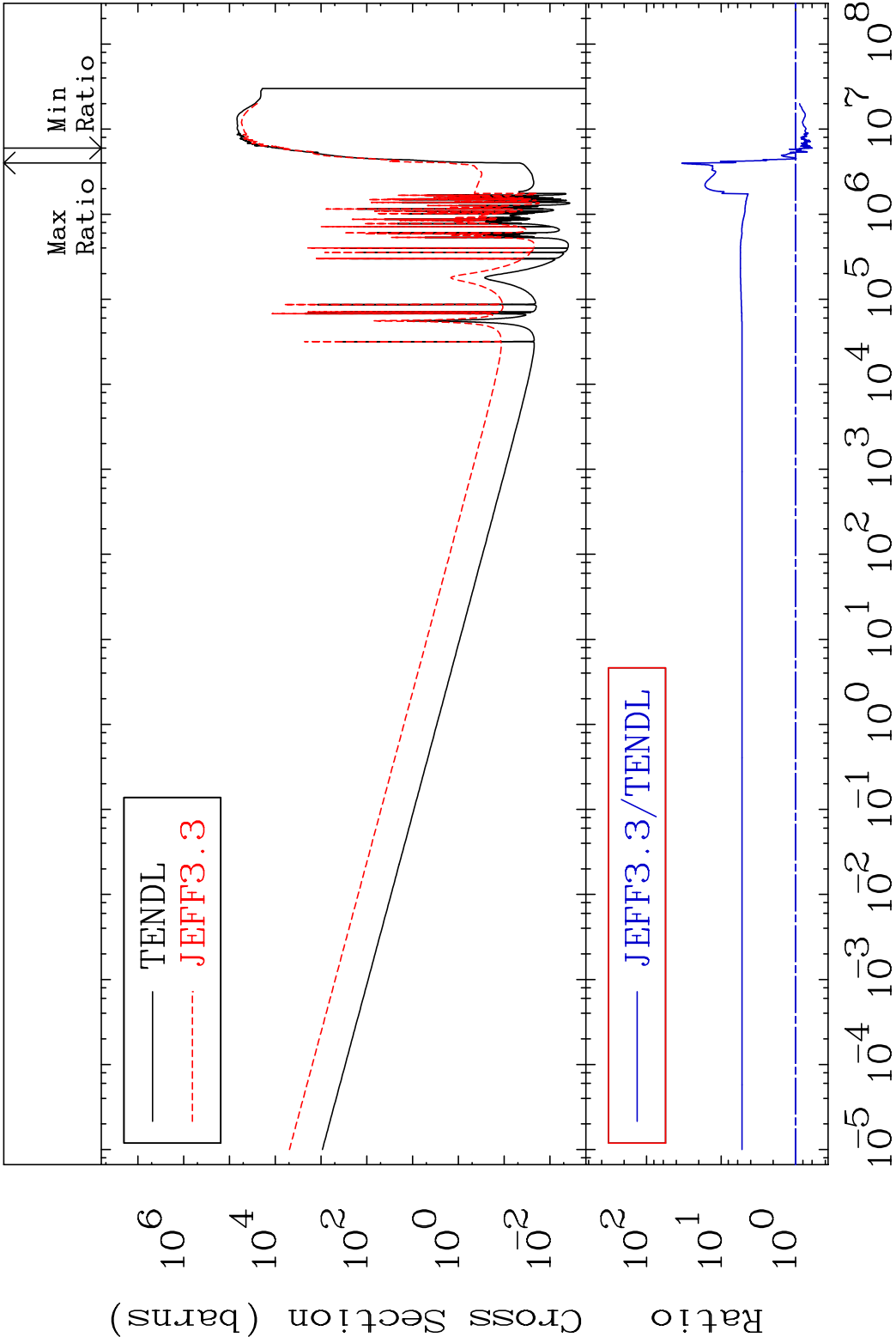
41 Incident Energy (eV) 14-Si-28







MAT 1425 Dpa disappearance (mt102 -120) 14-Si-28
Cross Section -40.13 To 3299. %



45 Incident Energy (eV) 14-Si-28