

Program Complot
(Version 2021-1)

by

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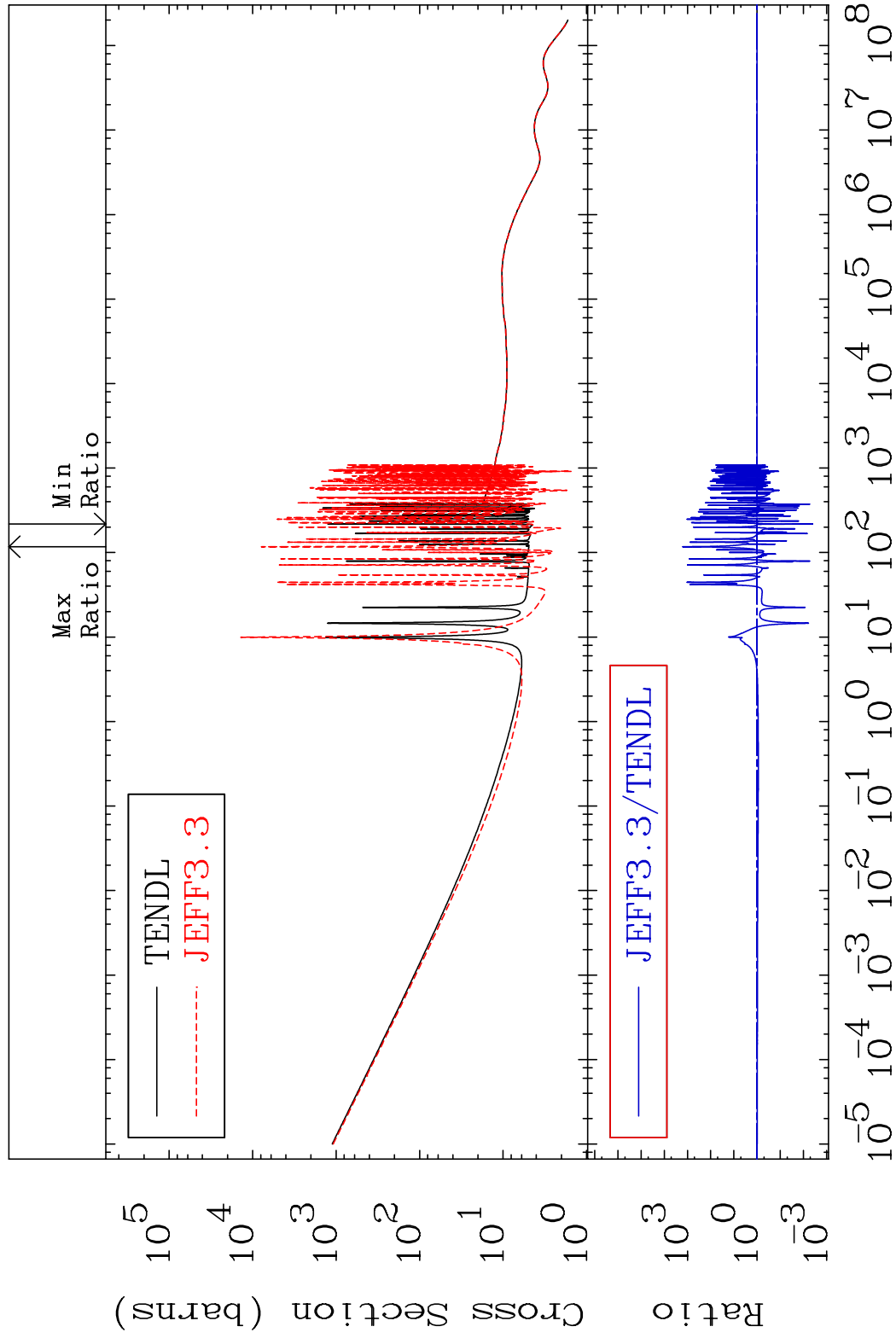
Press Mouse Button to Start

MAT 4316

Total

43-Tc-96

Cross Section -99.61 To 9999. %



1

Incident Energy (eV)

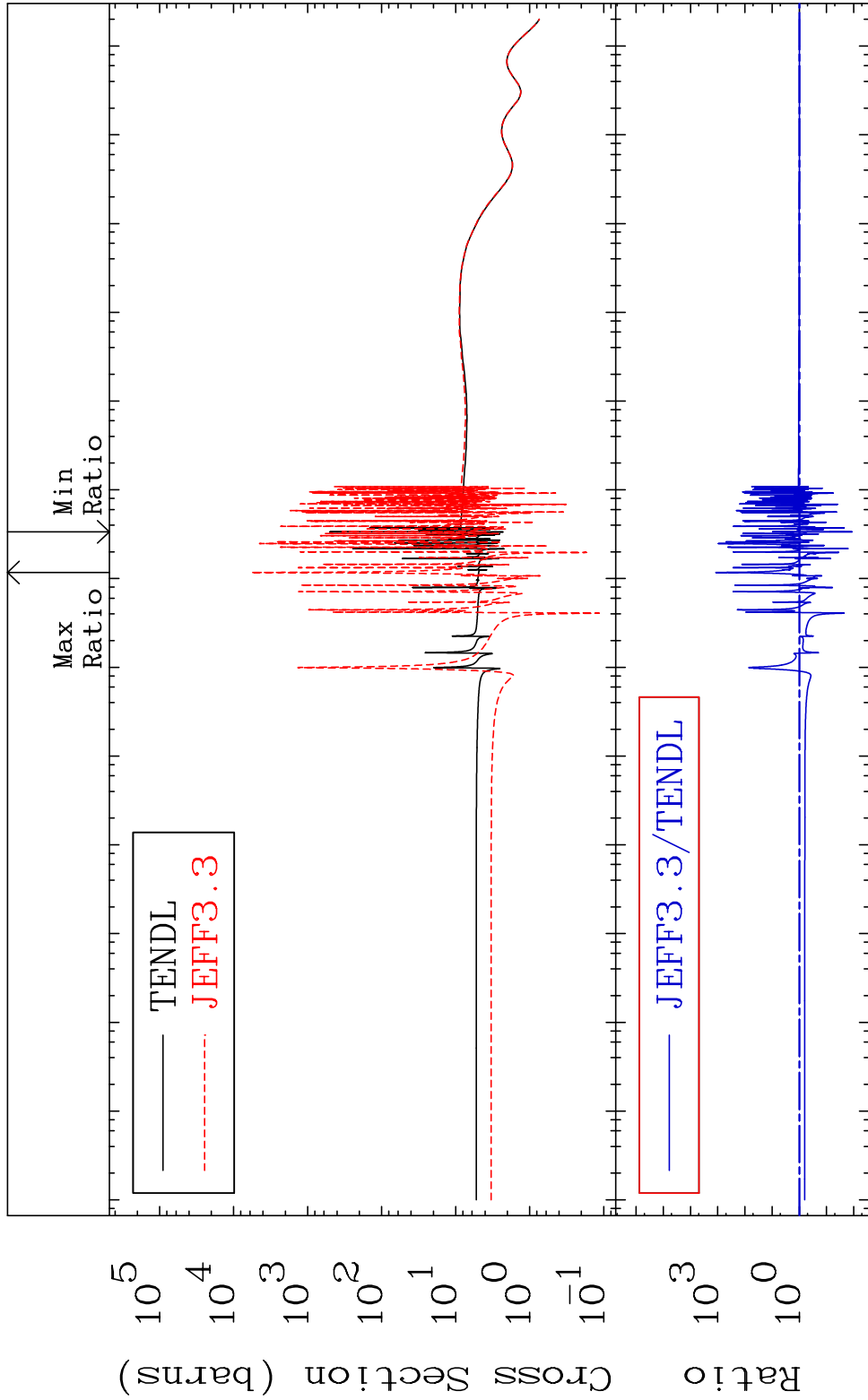
43-Tc-96

MAT 4316

Elastic

43-Tc-96

Cross Section -98.86 To 9999. %

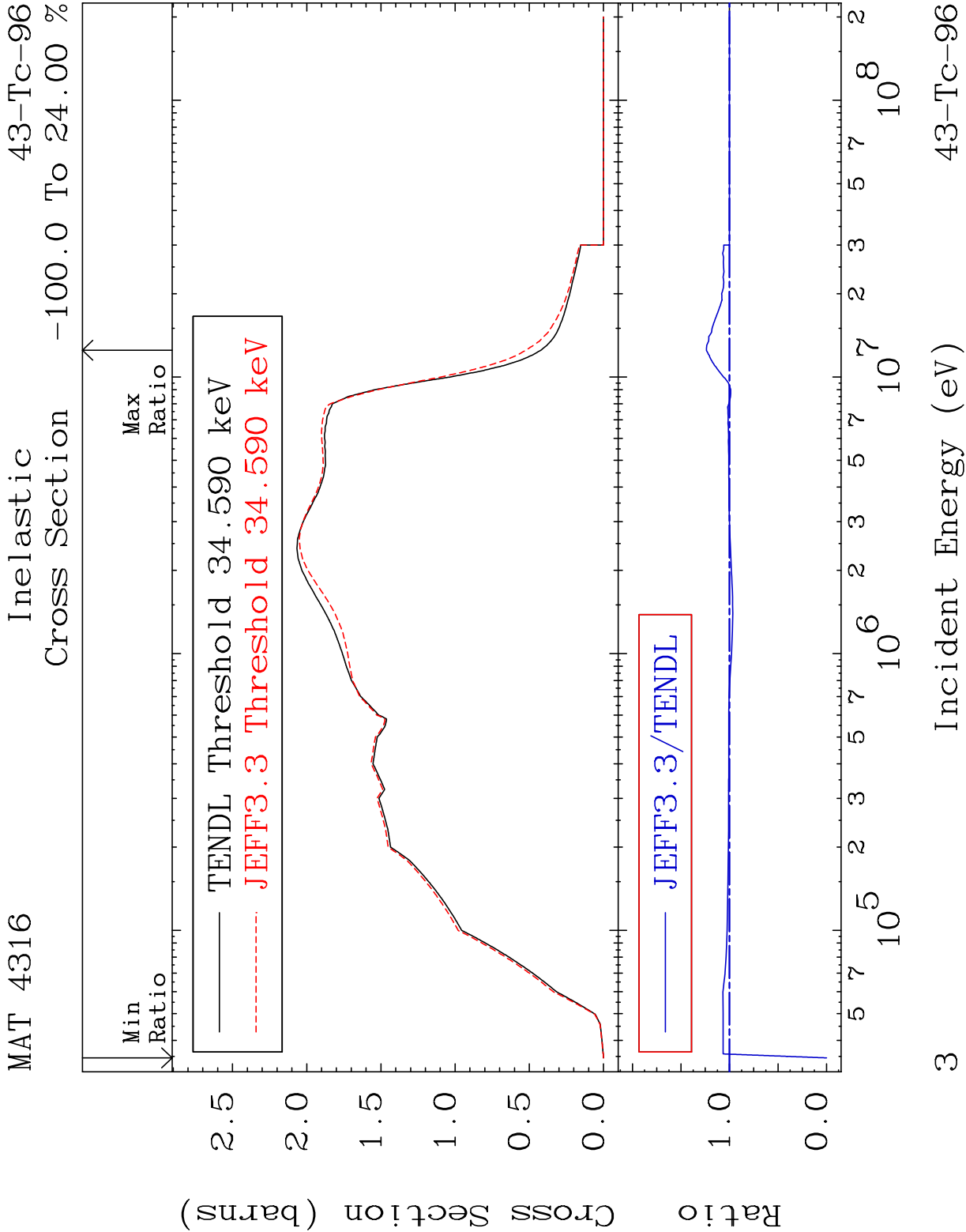


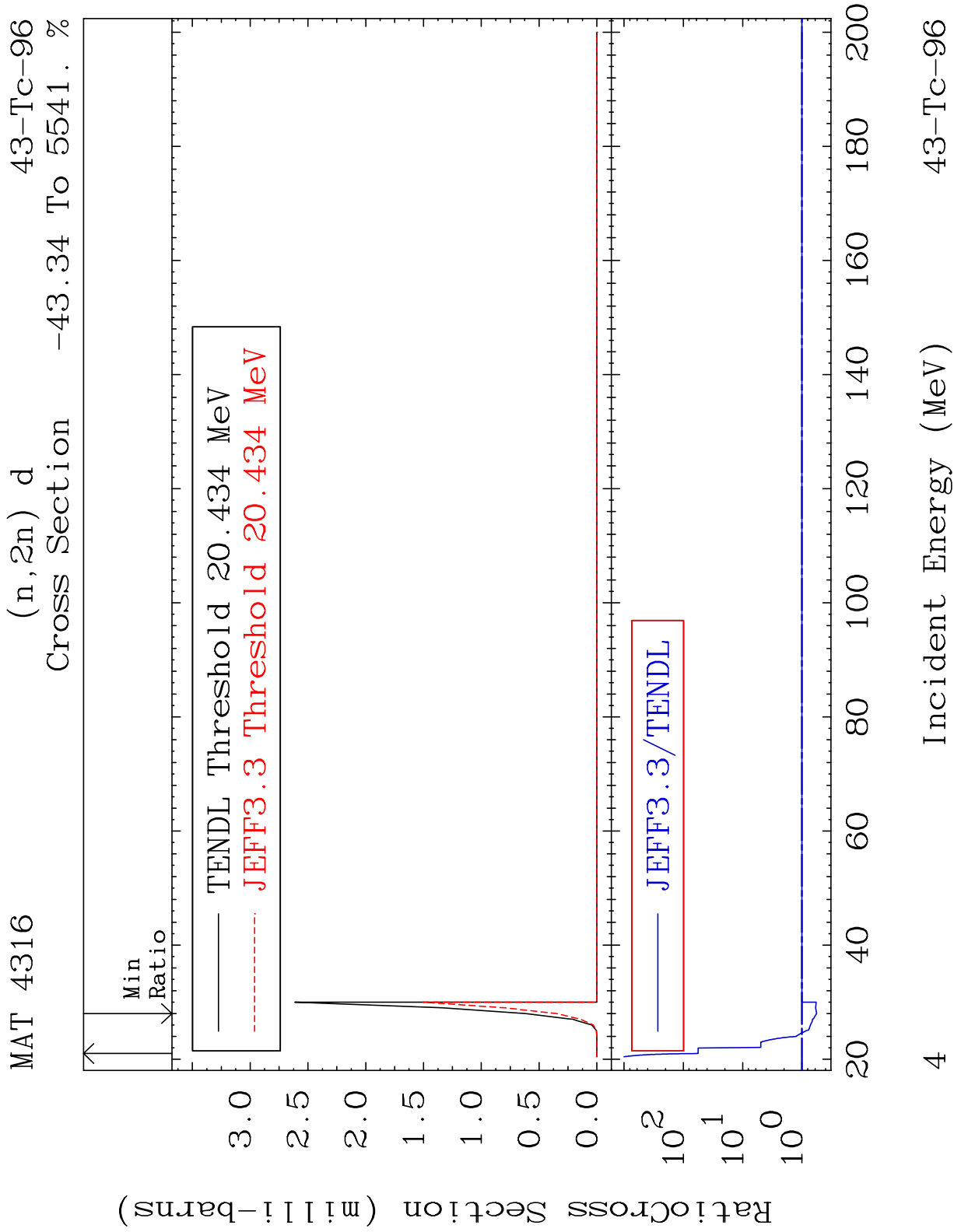
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

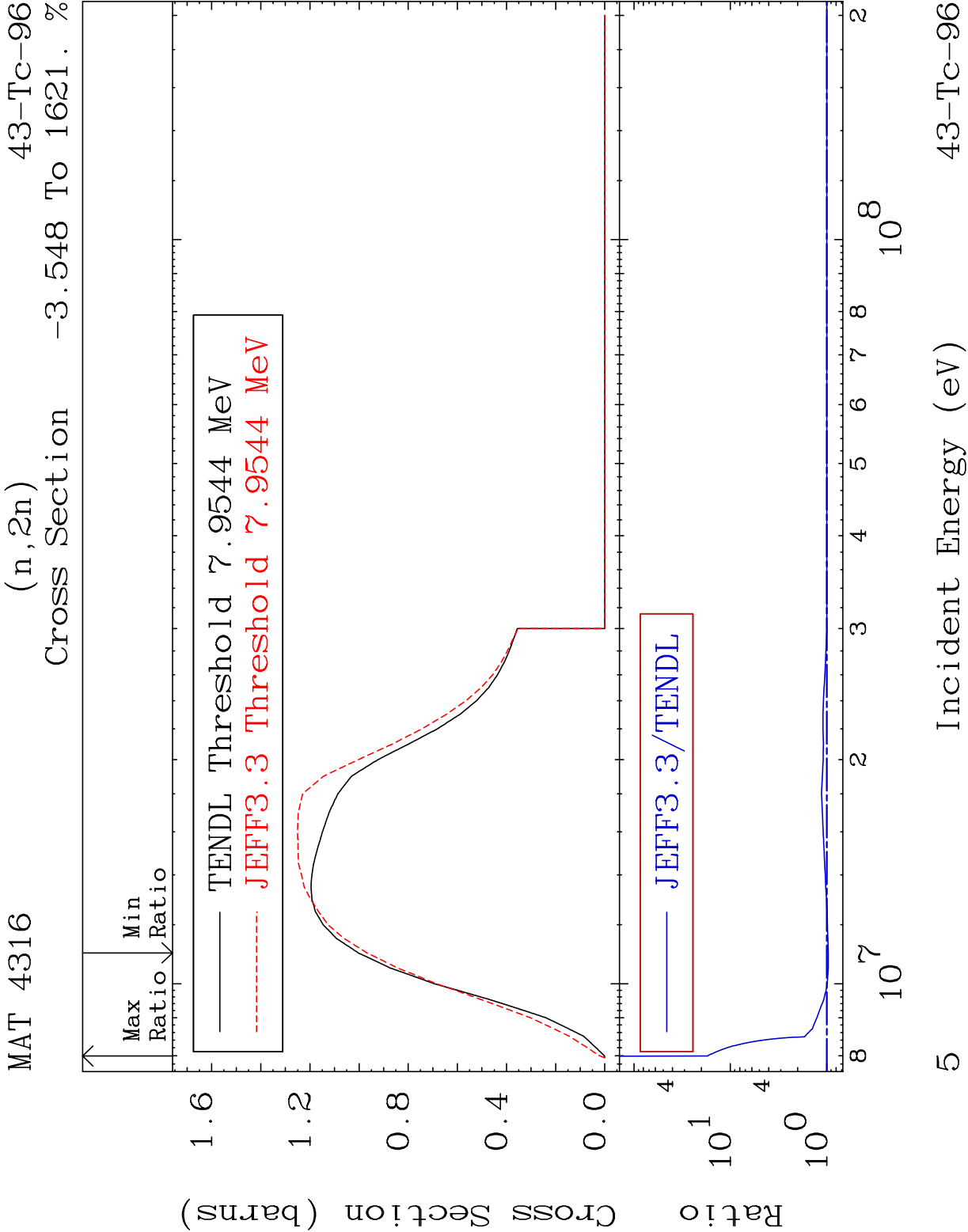
2

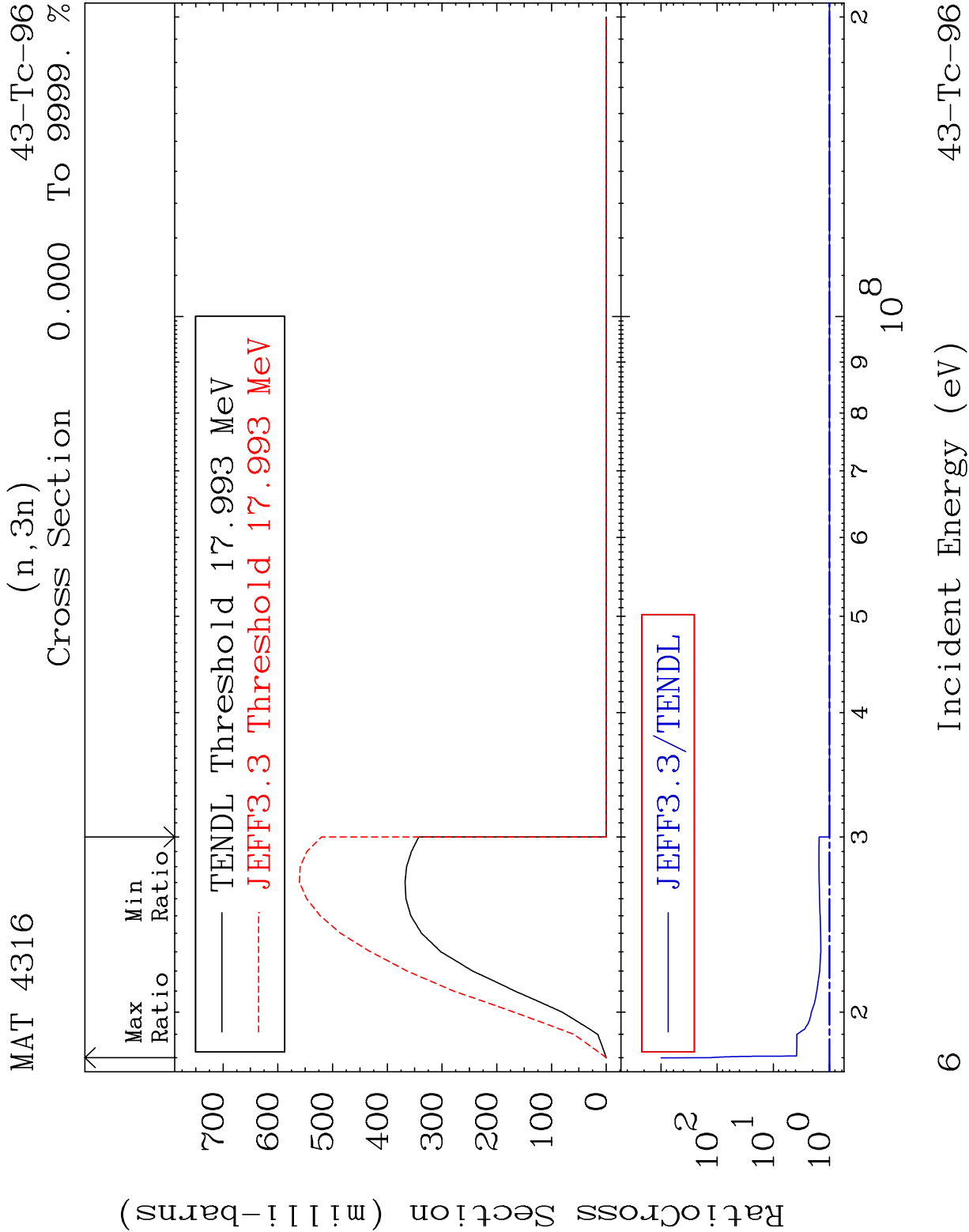
Incident Energy (eV)

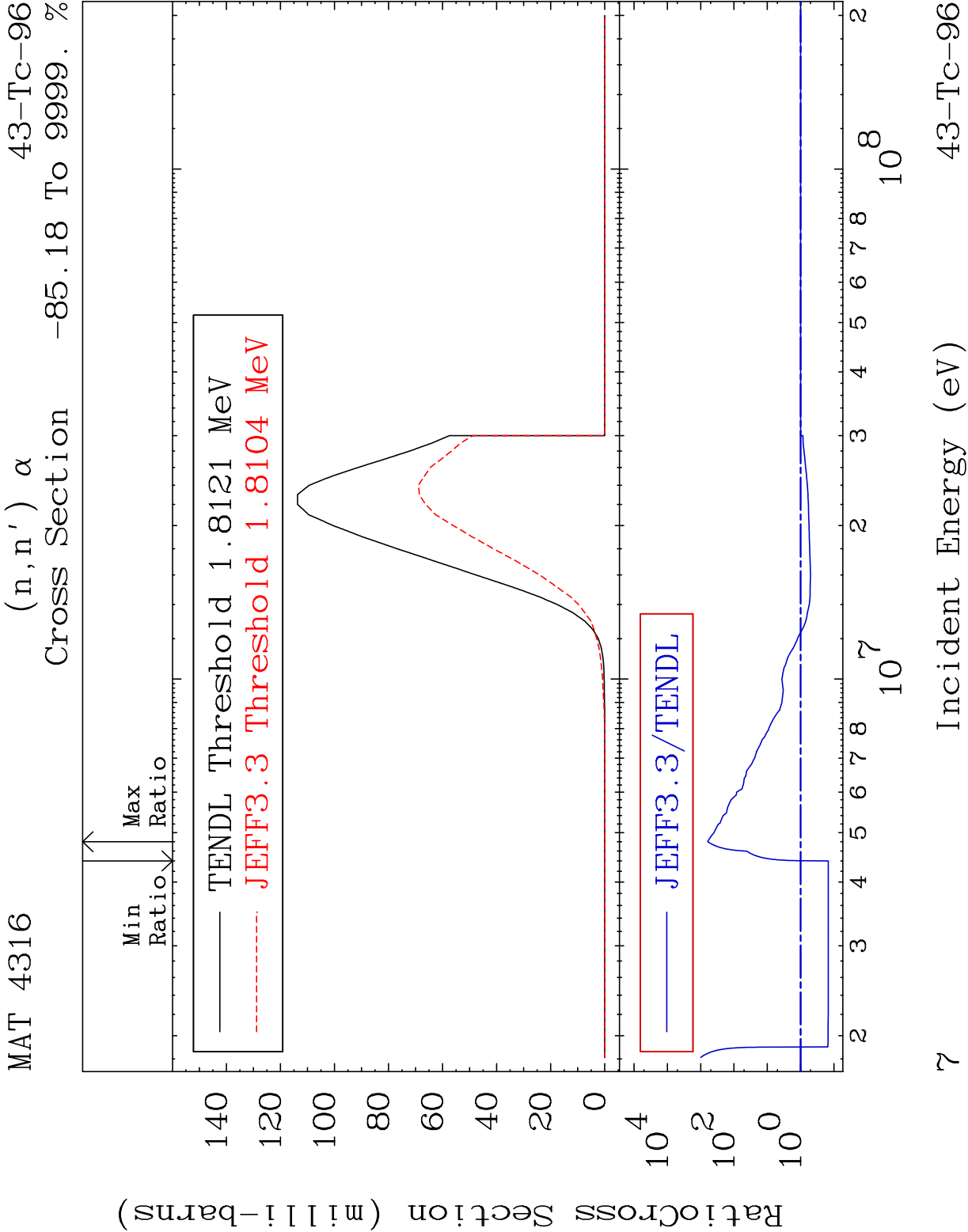
43-Tc-96

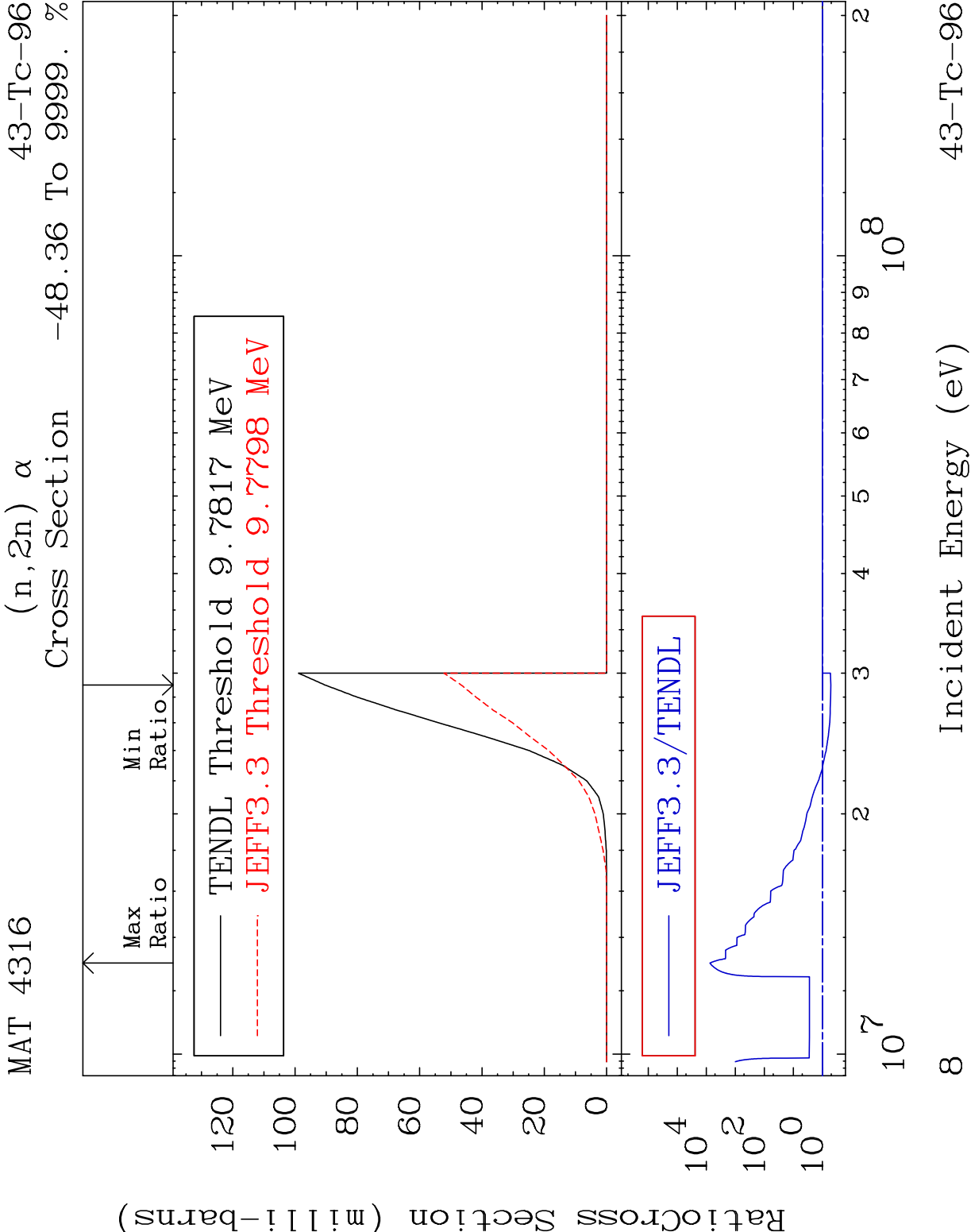


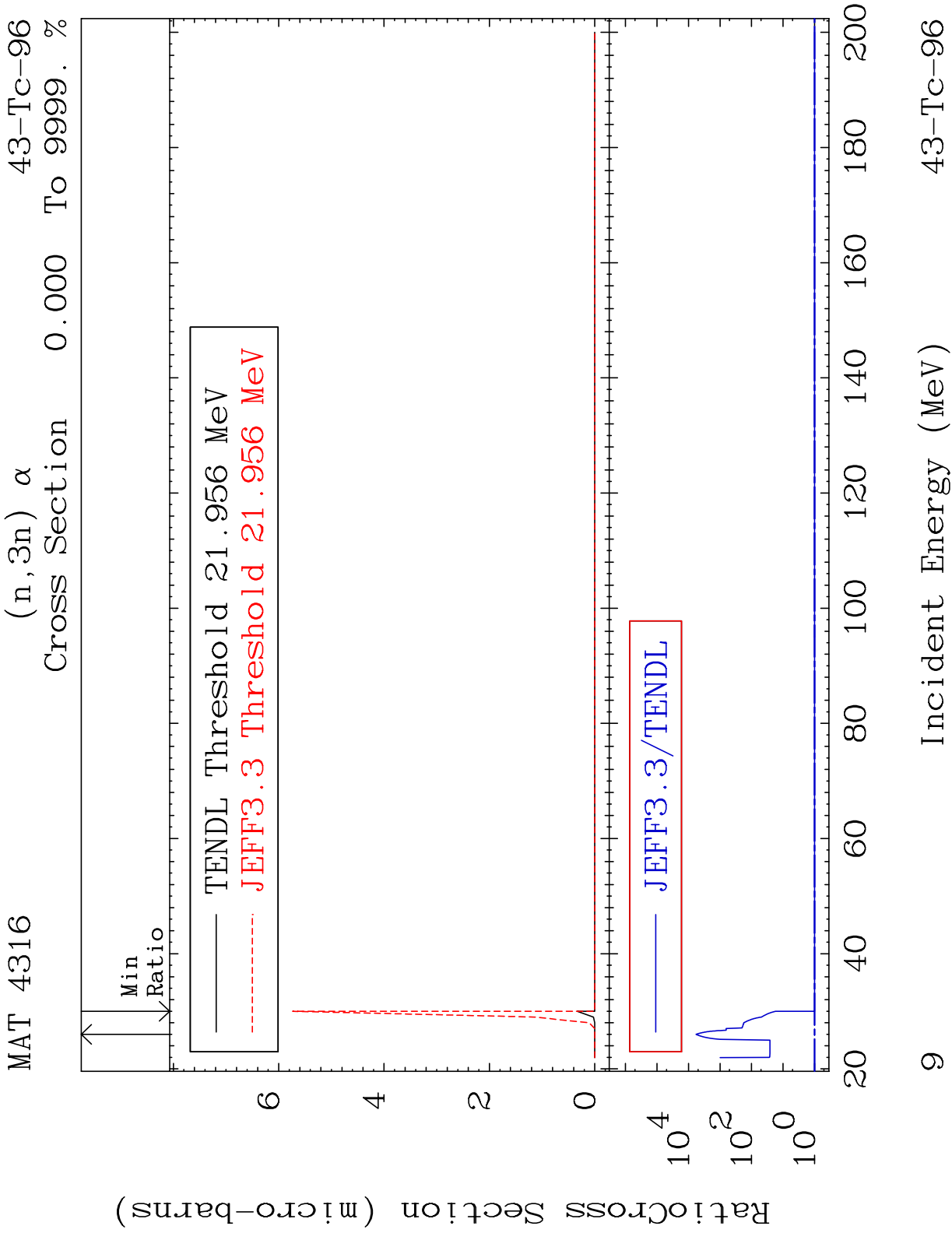


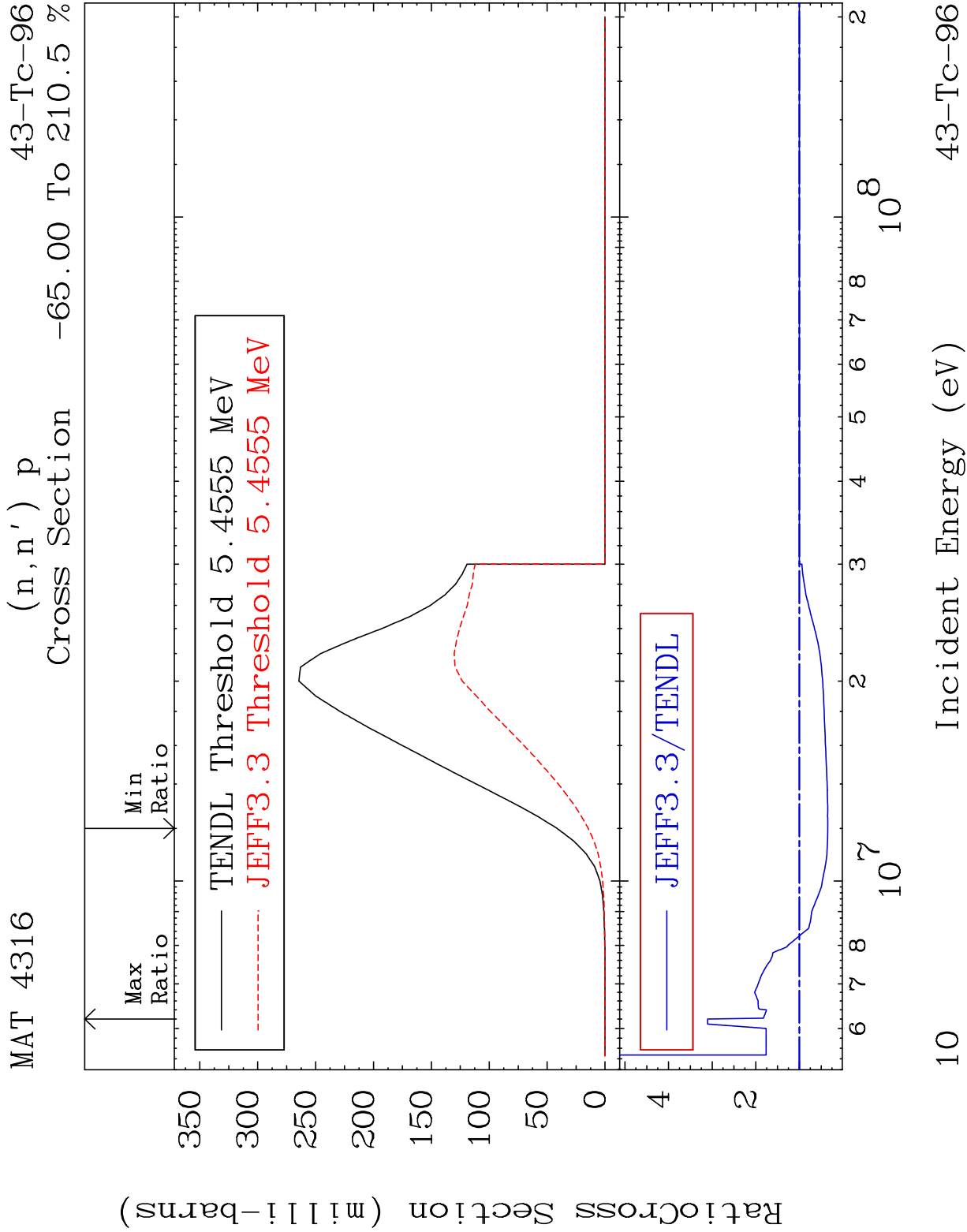


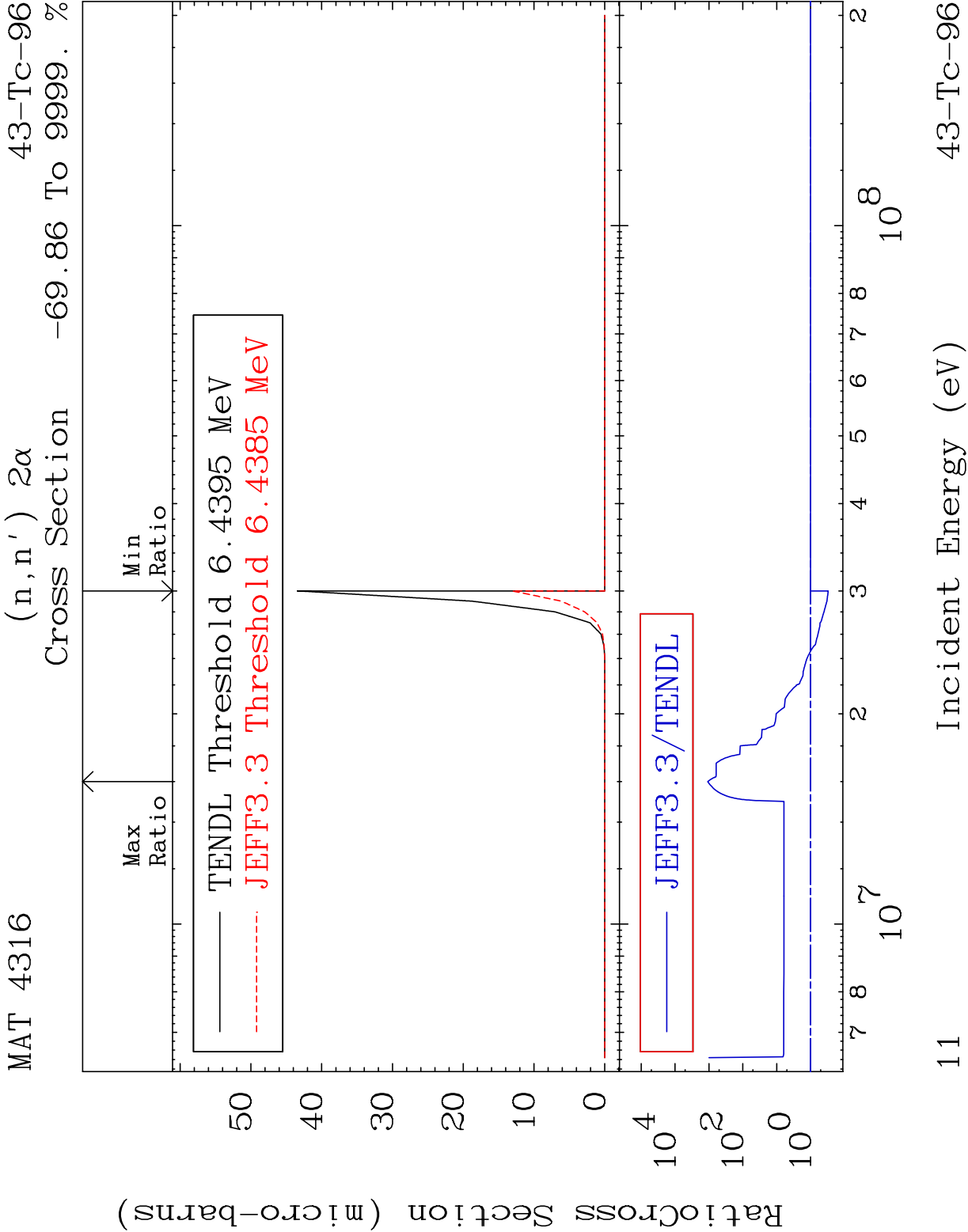


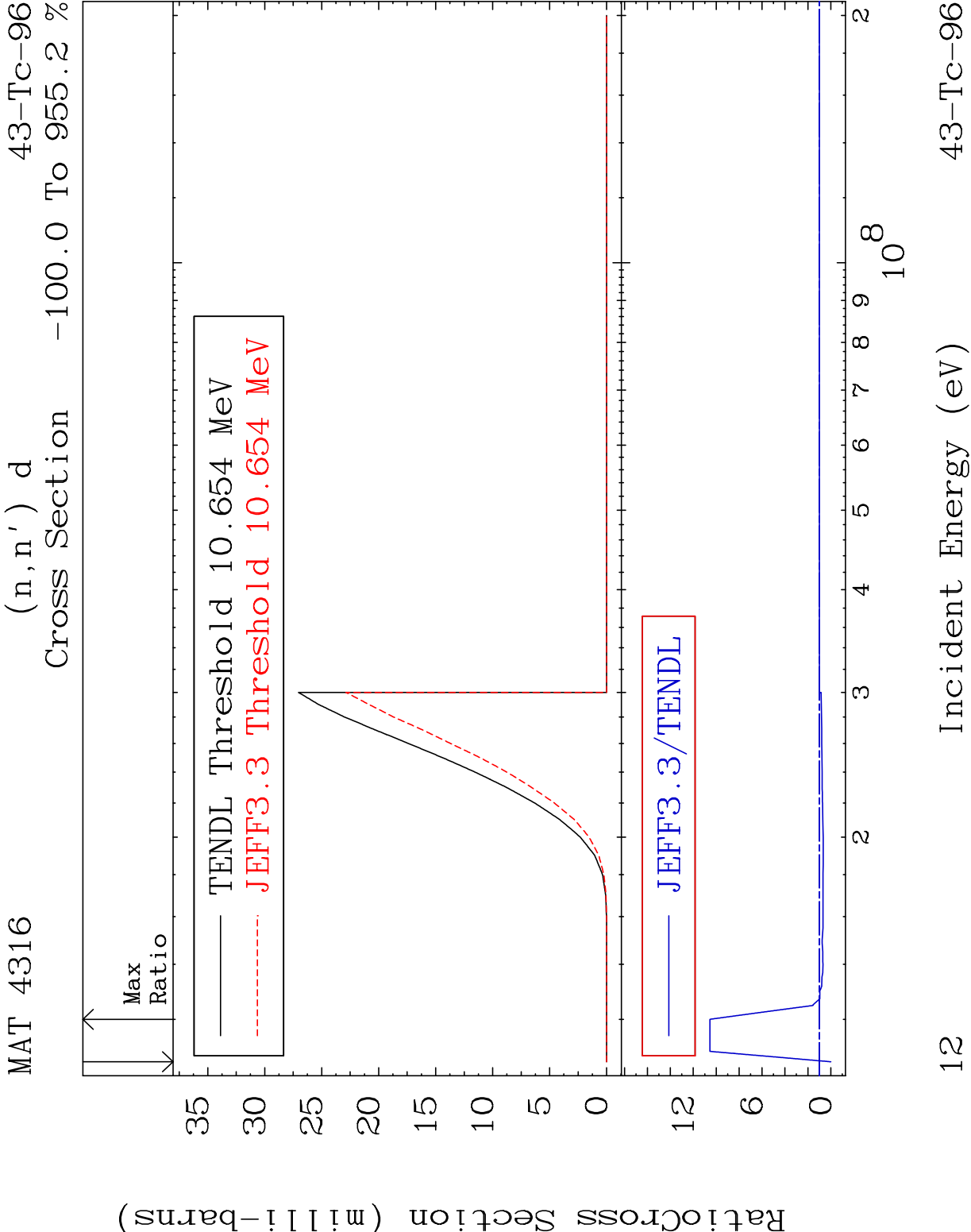


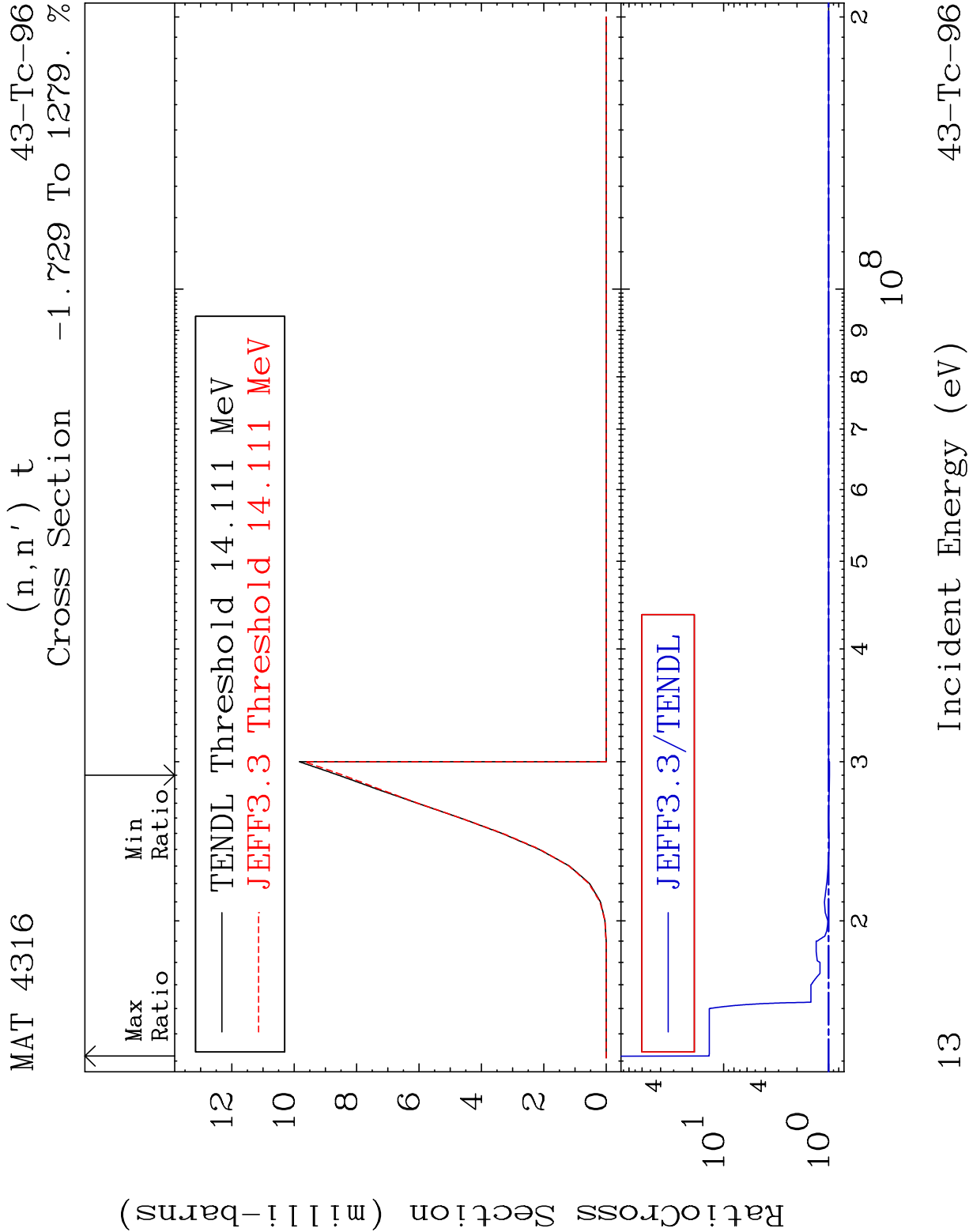


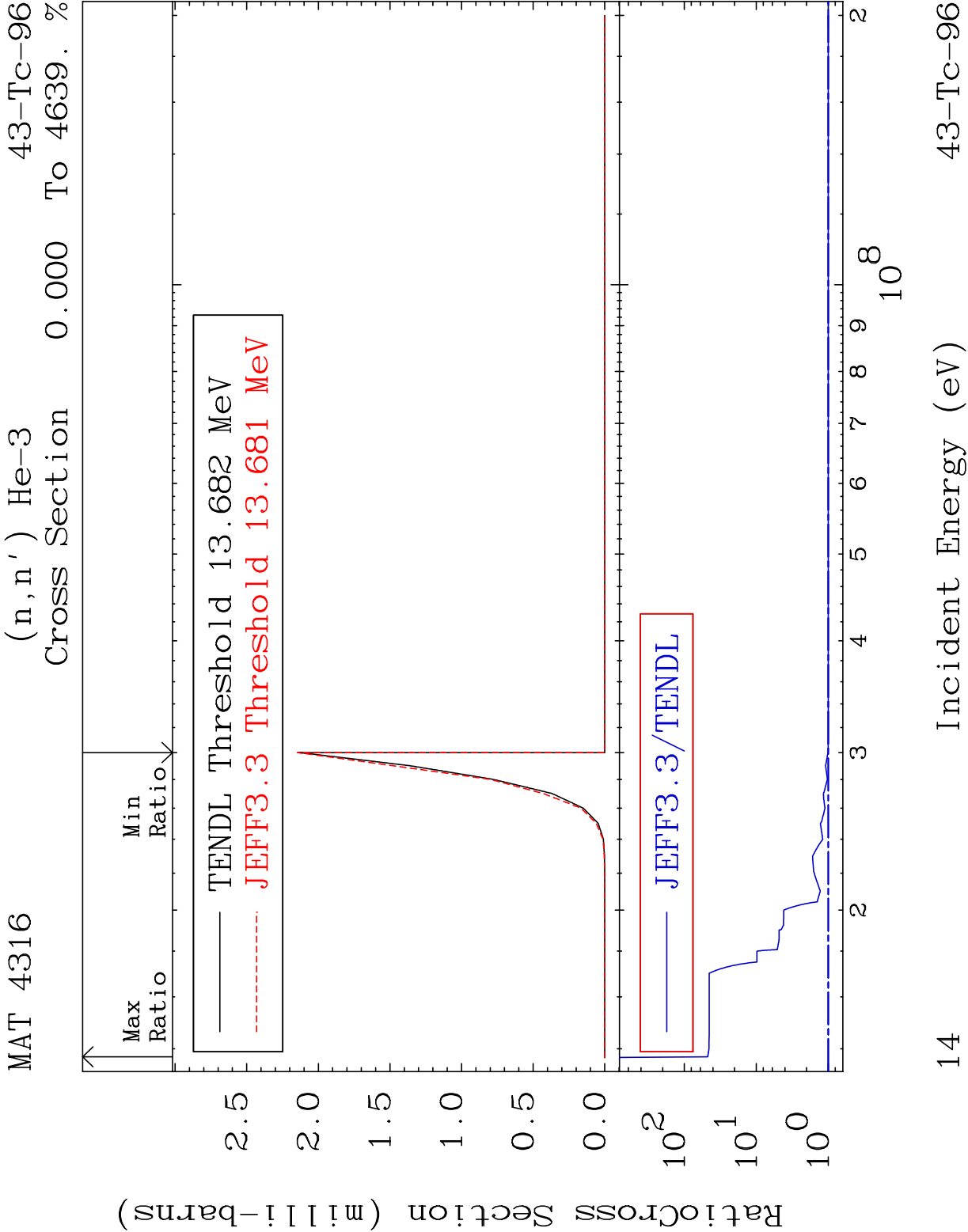


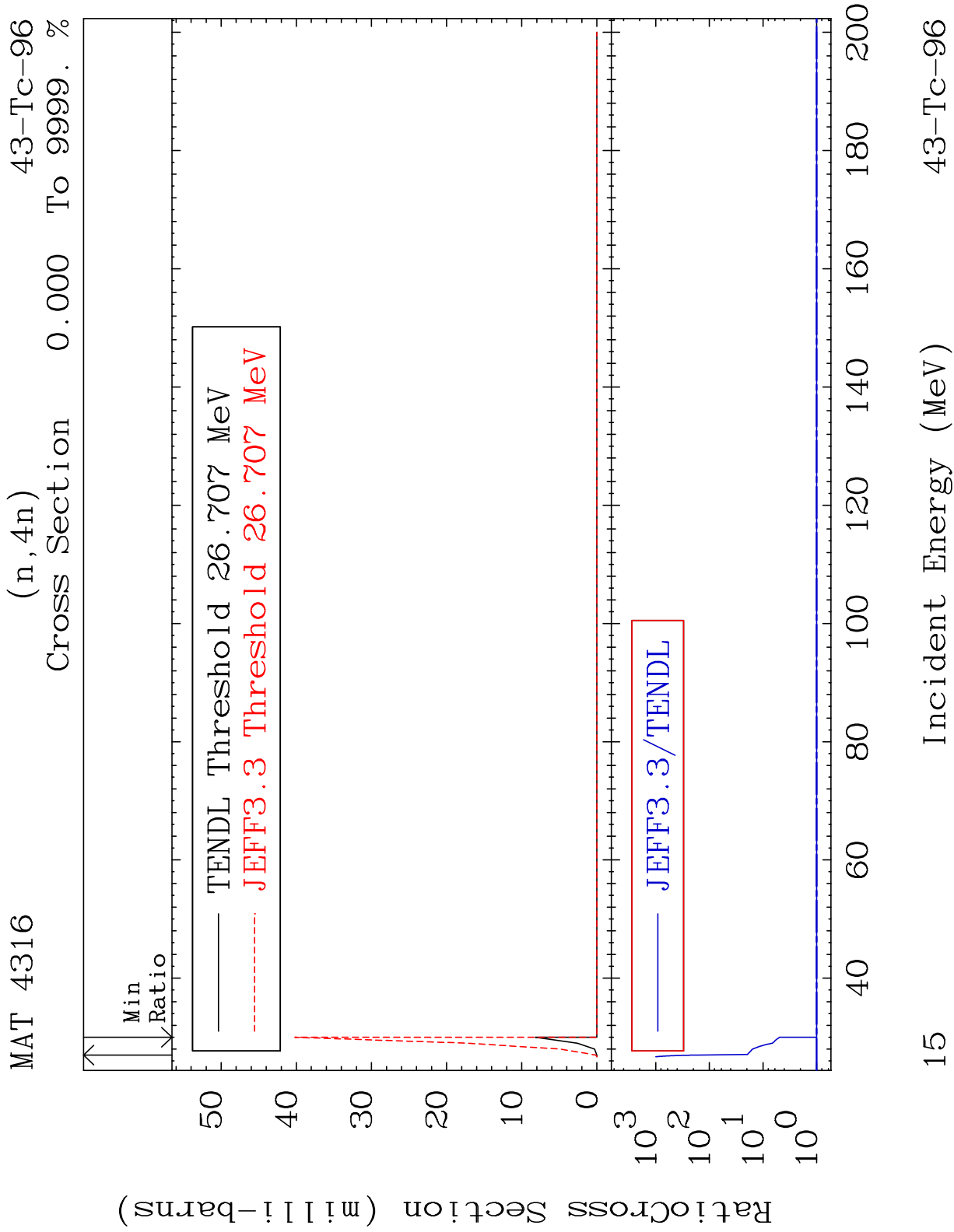


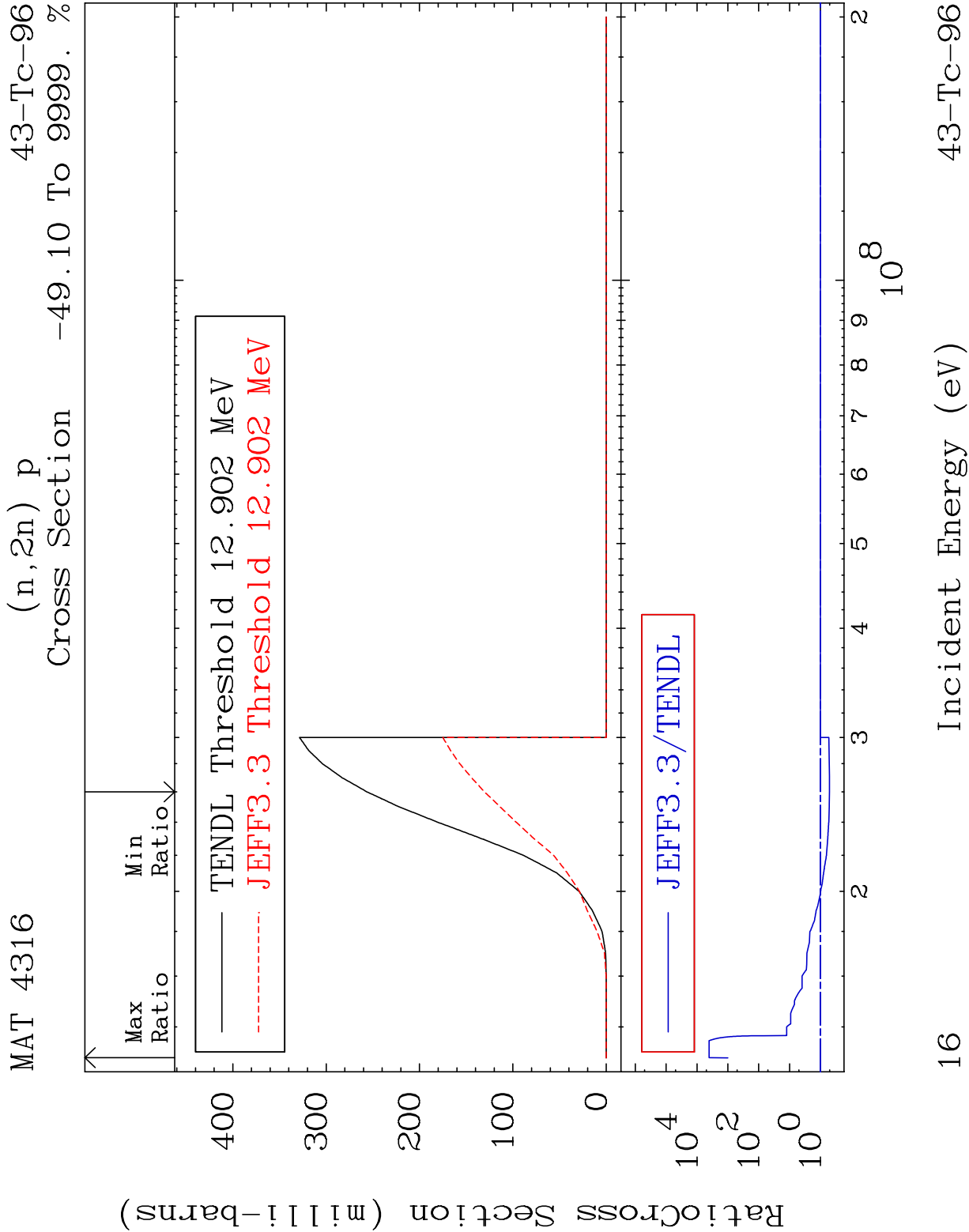


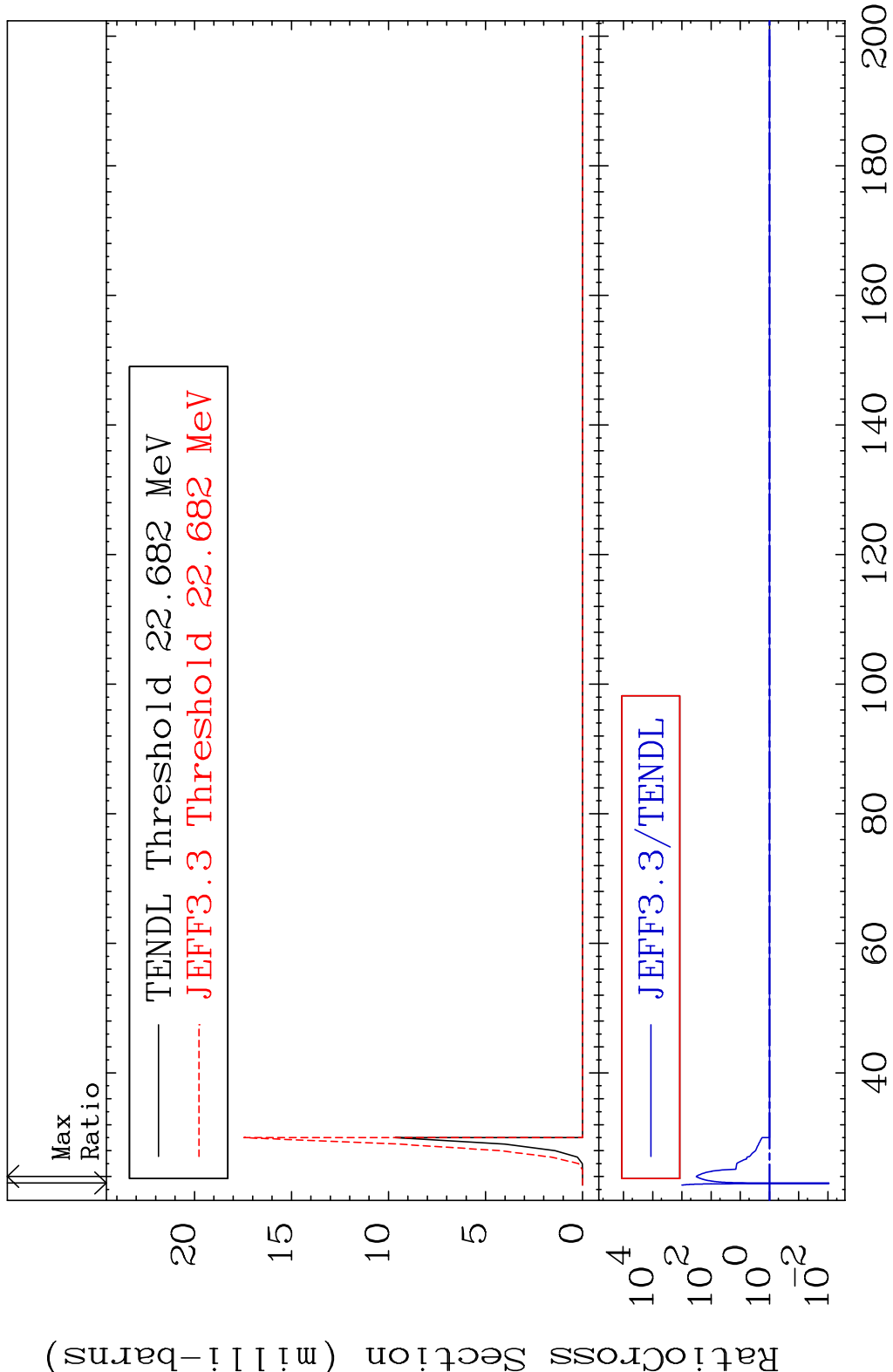


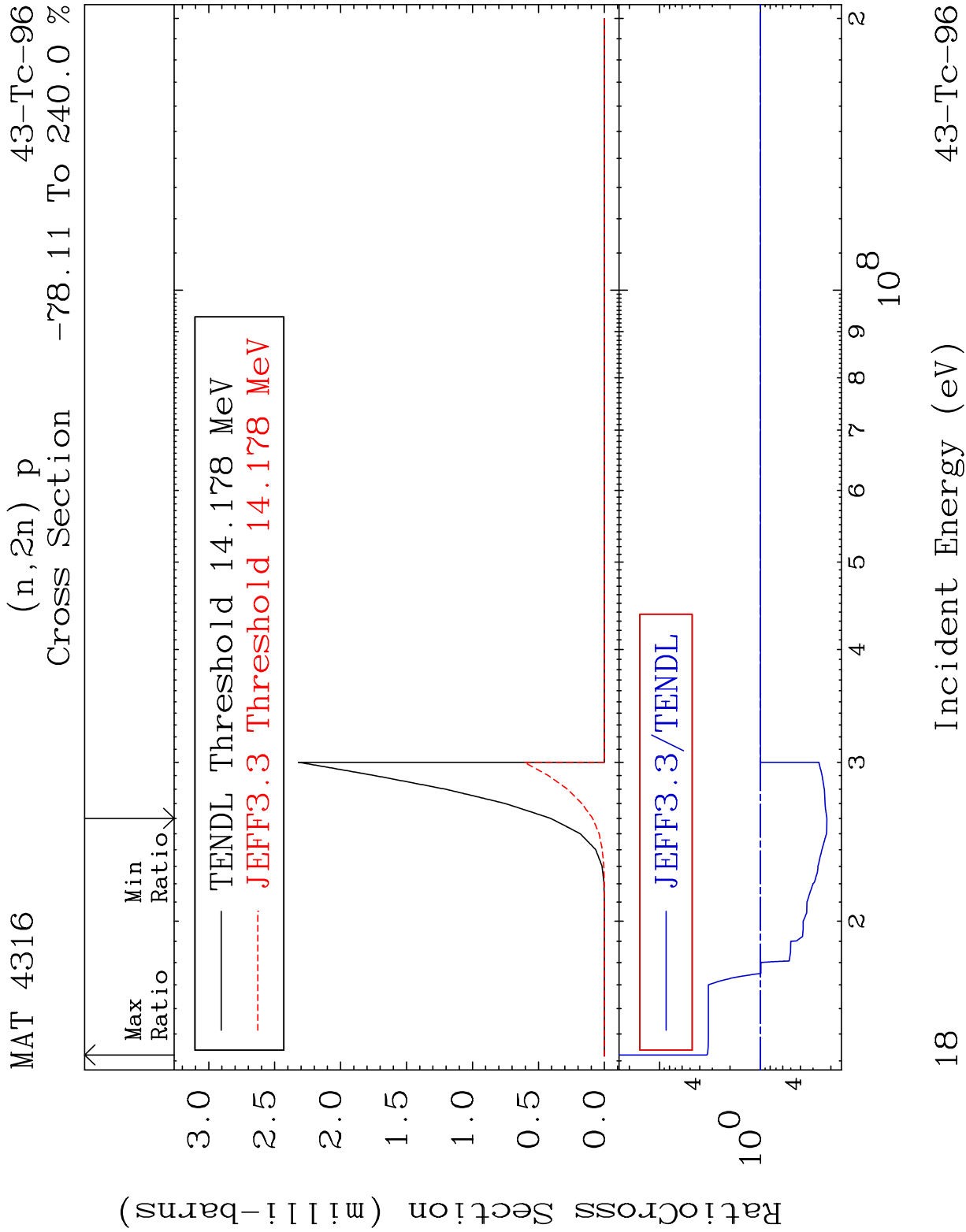


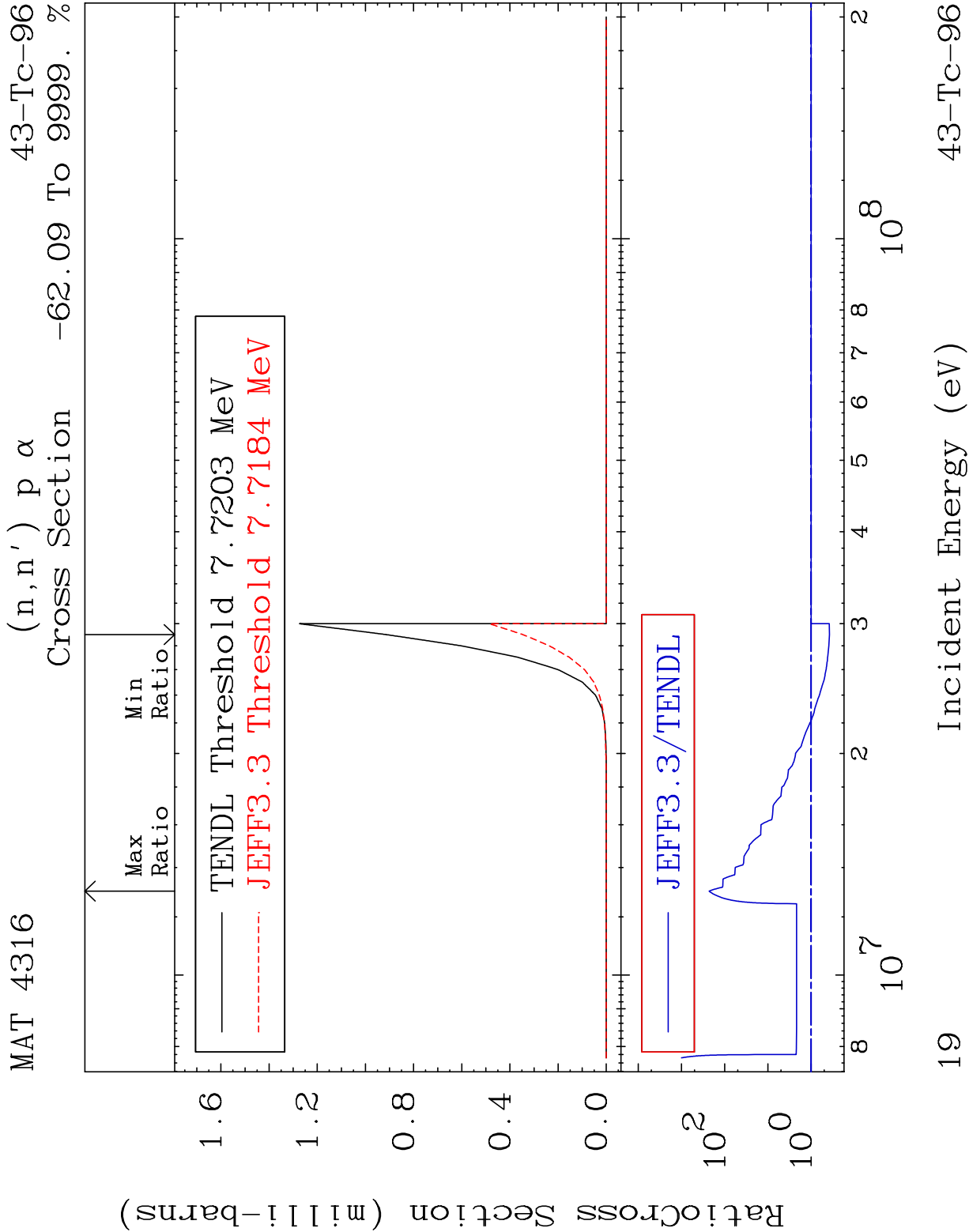




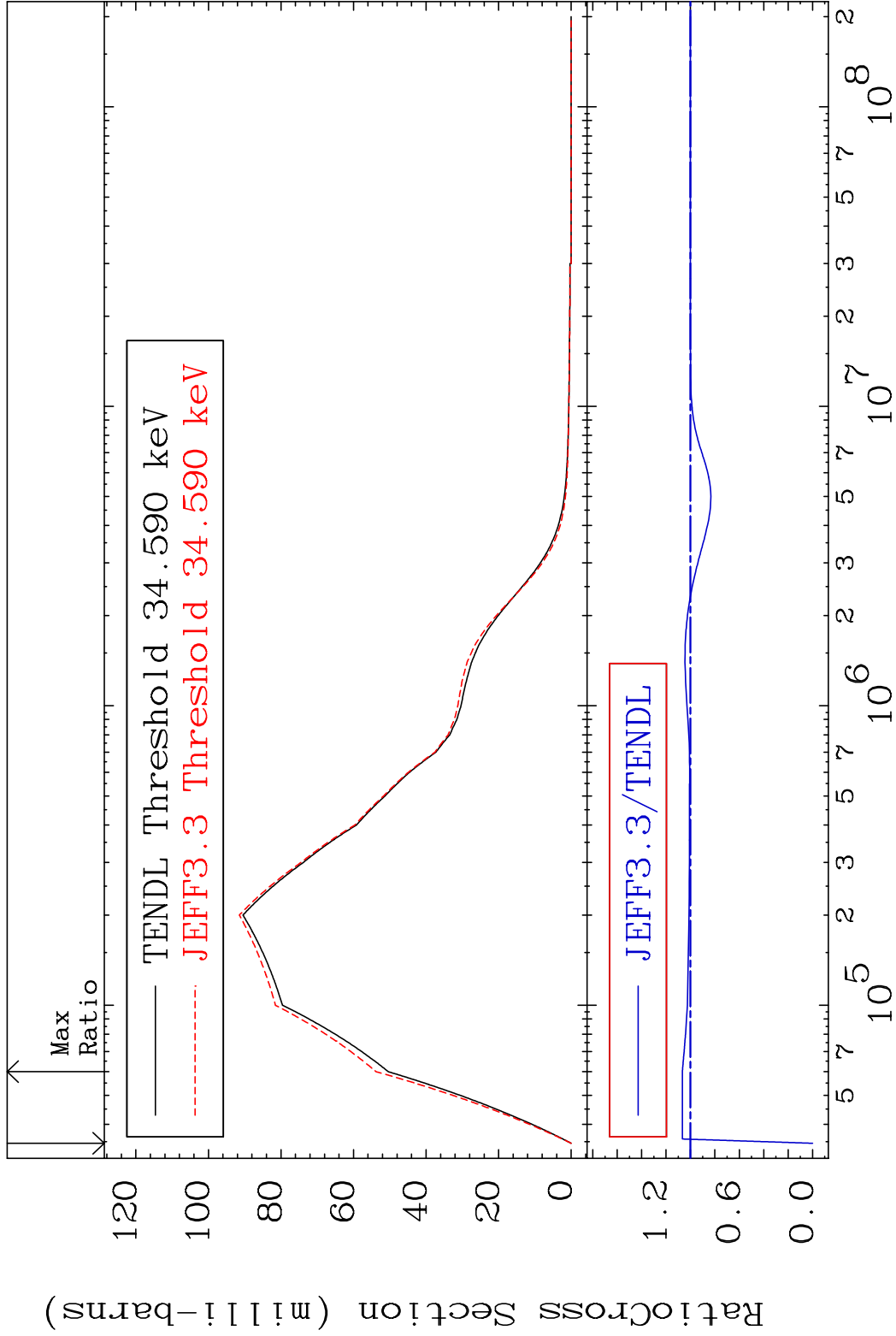




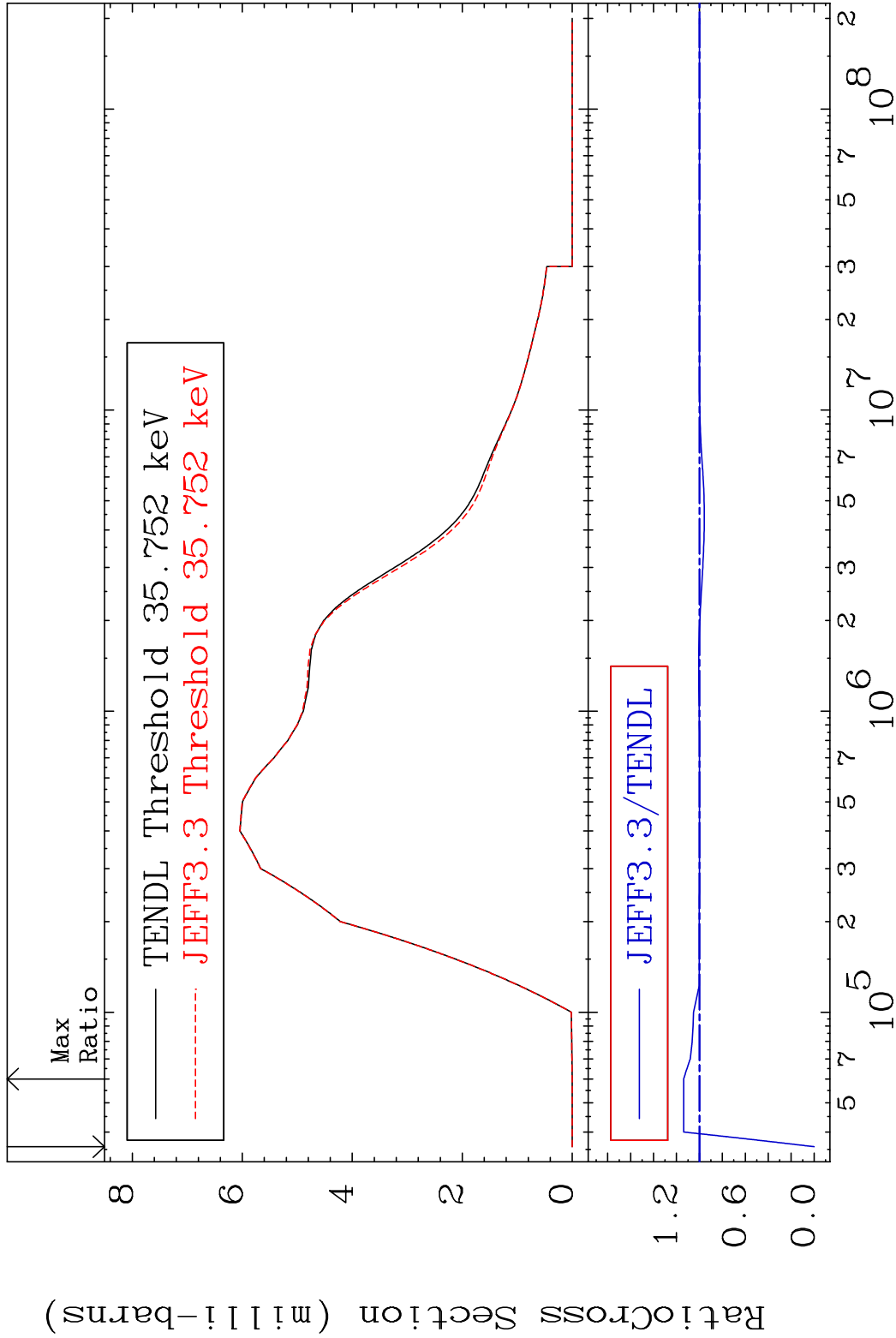




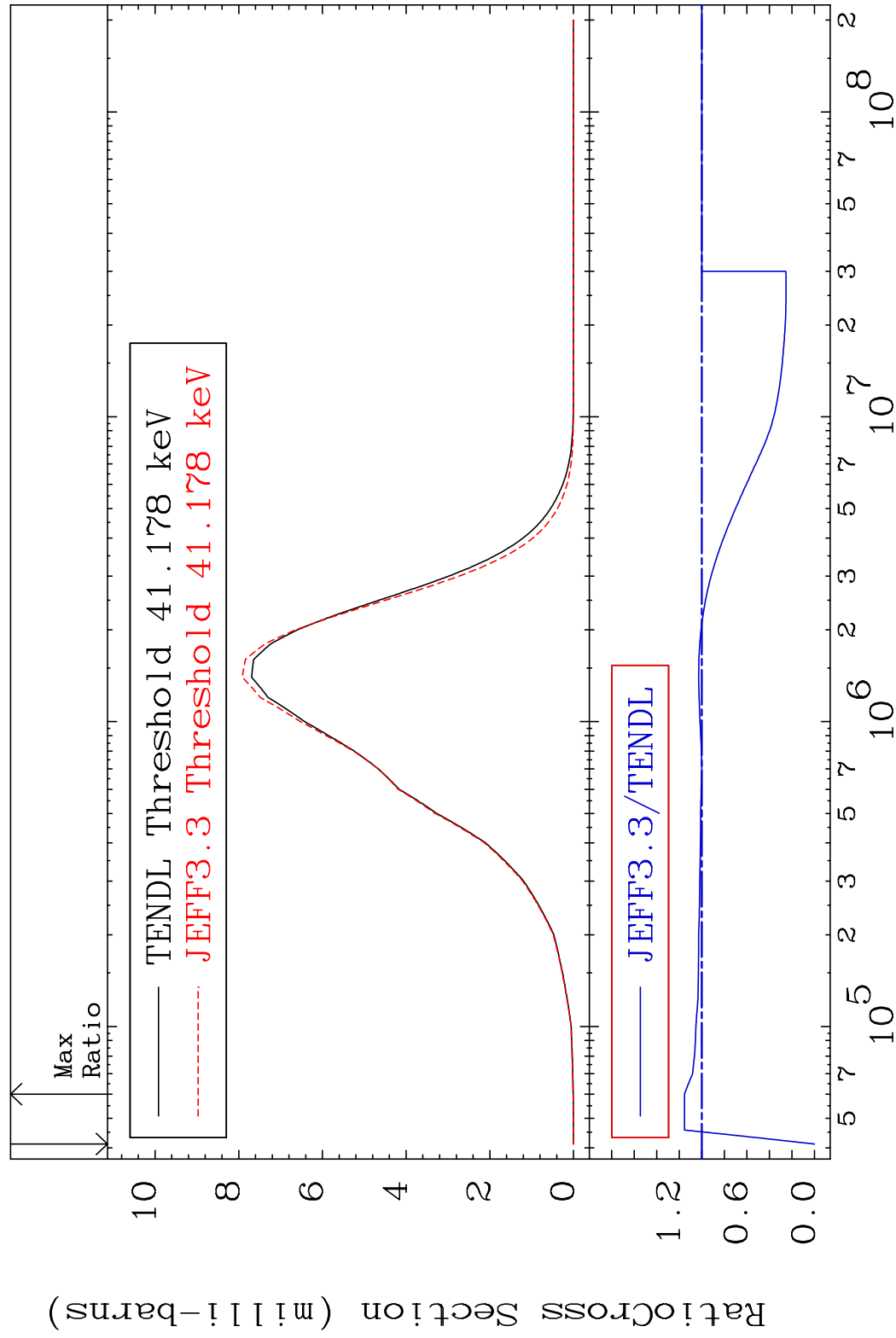
MAT 4316 MT= 51 (n,n') Level 43-Tc-96
Cross Section -100.0 To 6.638 %



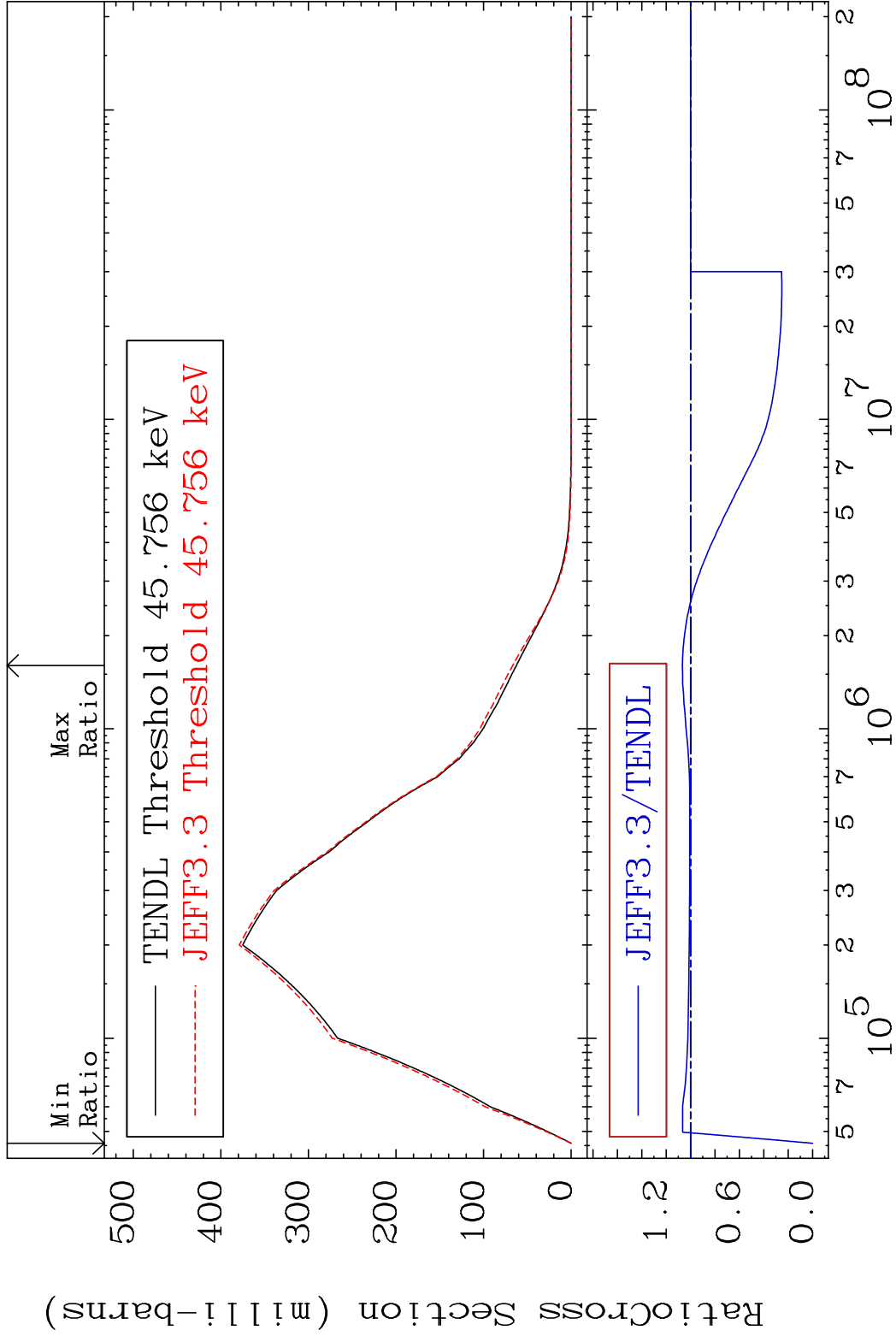
MAT 4316 MT= 52 (n,n') Level 43-Tc-96
Cross Section -100.0 To 13.75 %

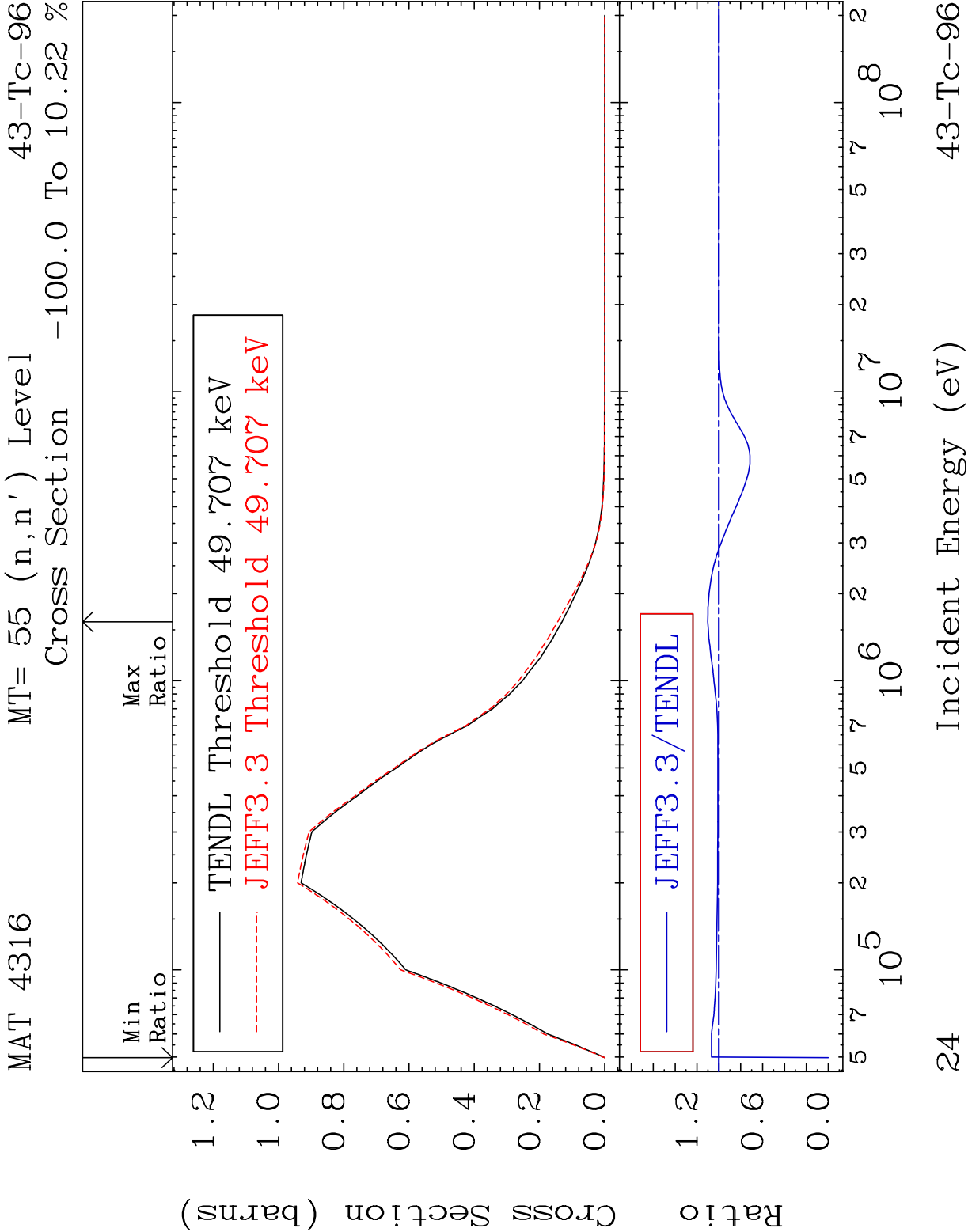


MAT 4316 MT= 53 (n,n') Level 43-Tc-96
 Cross Section -100.0 To 15.40 %

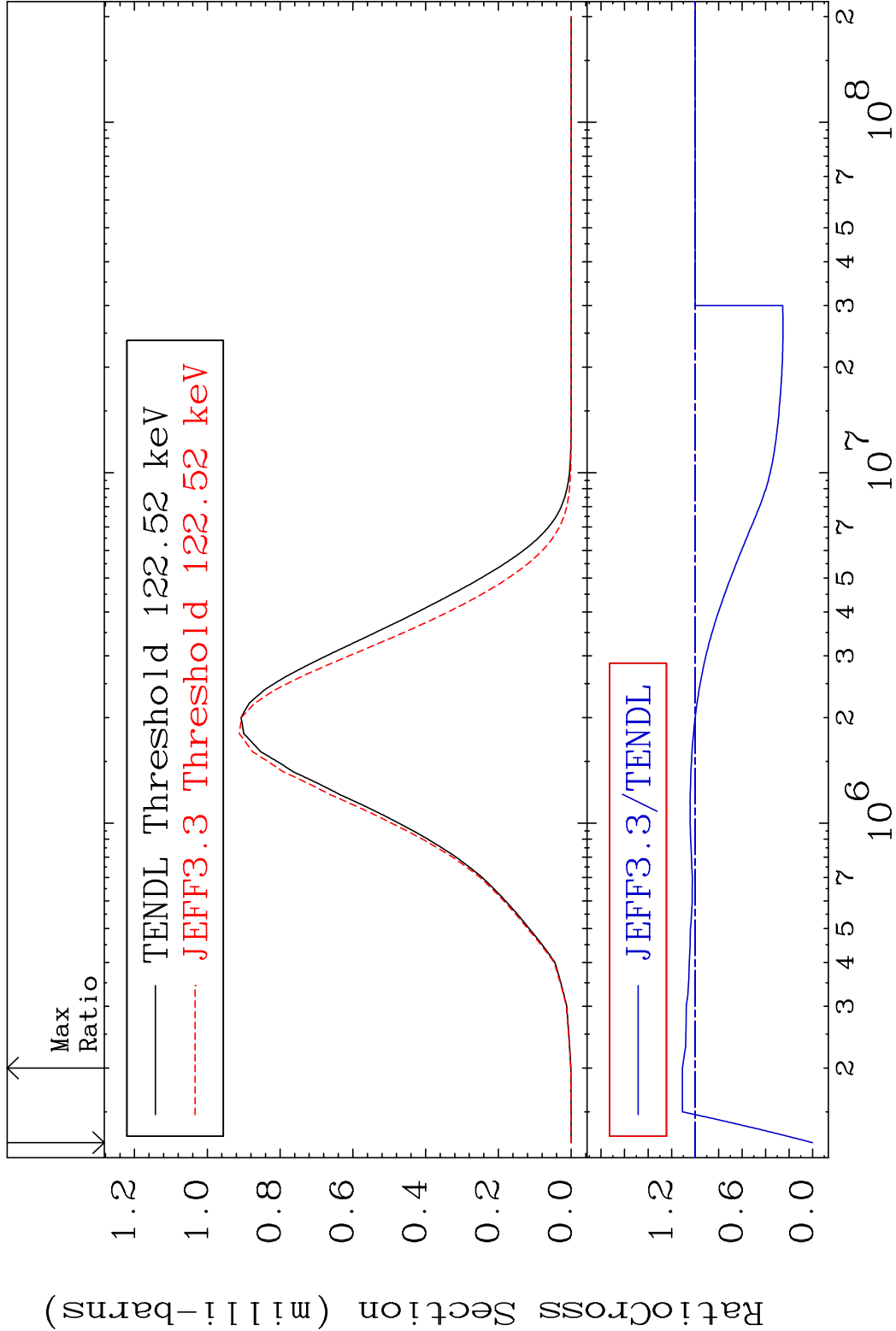


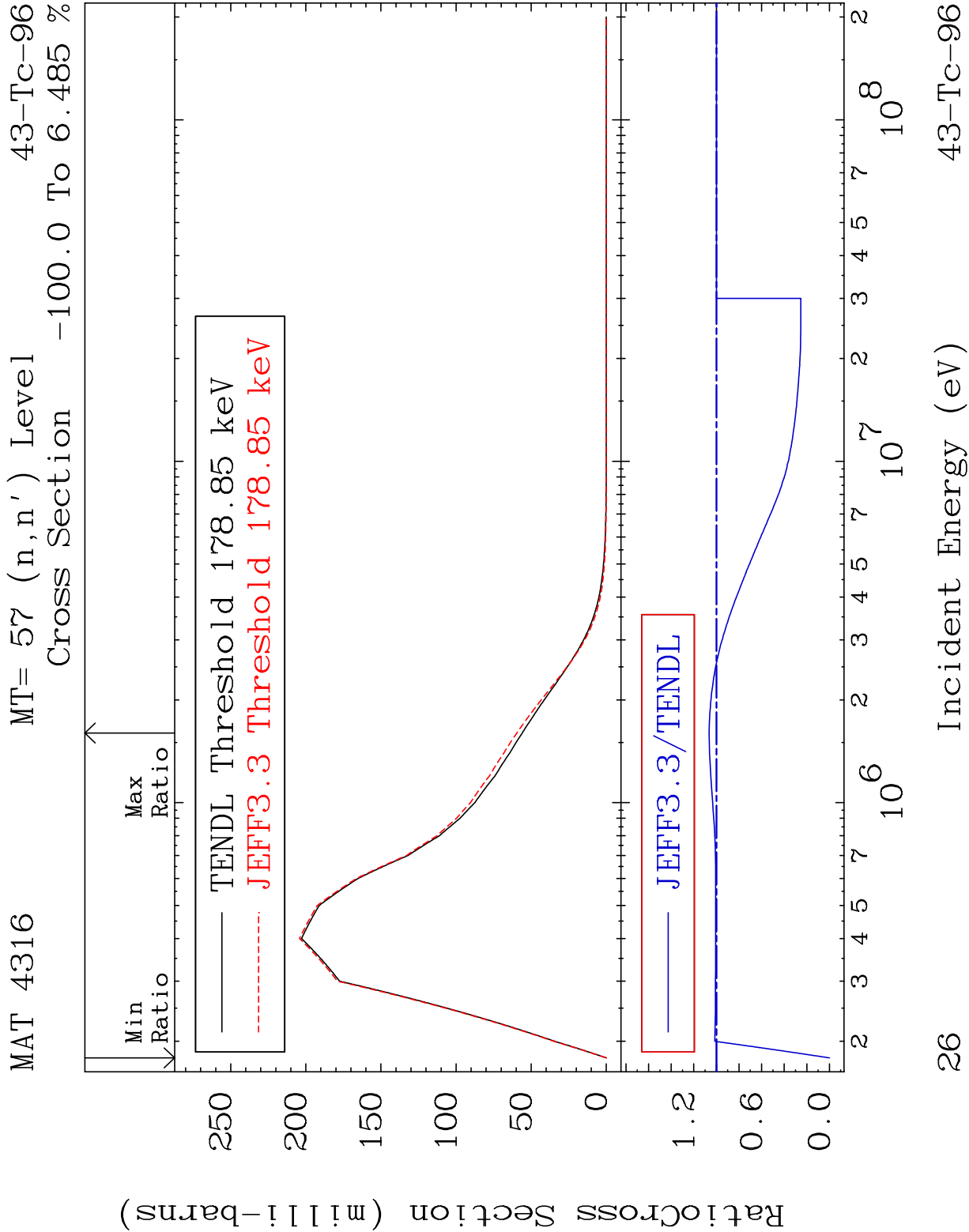
MAT 4316 MT= 54 (n,n') Level 43-Tc-96
Cross Section -100.0 To 6.730 %



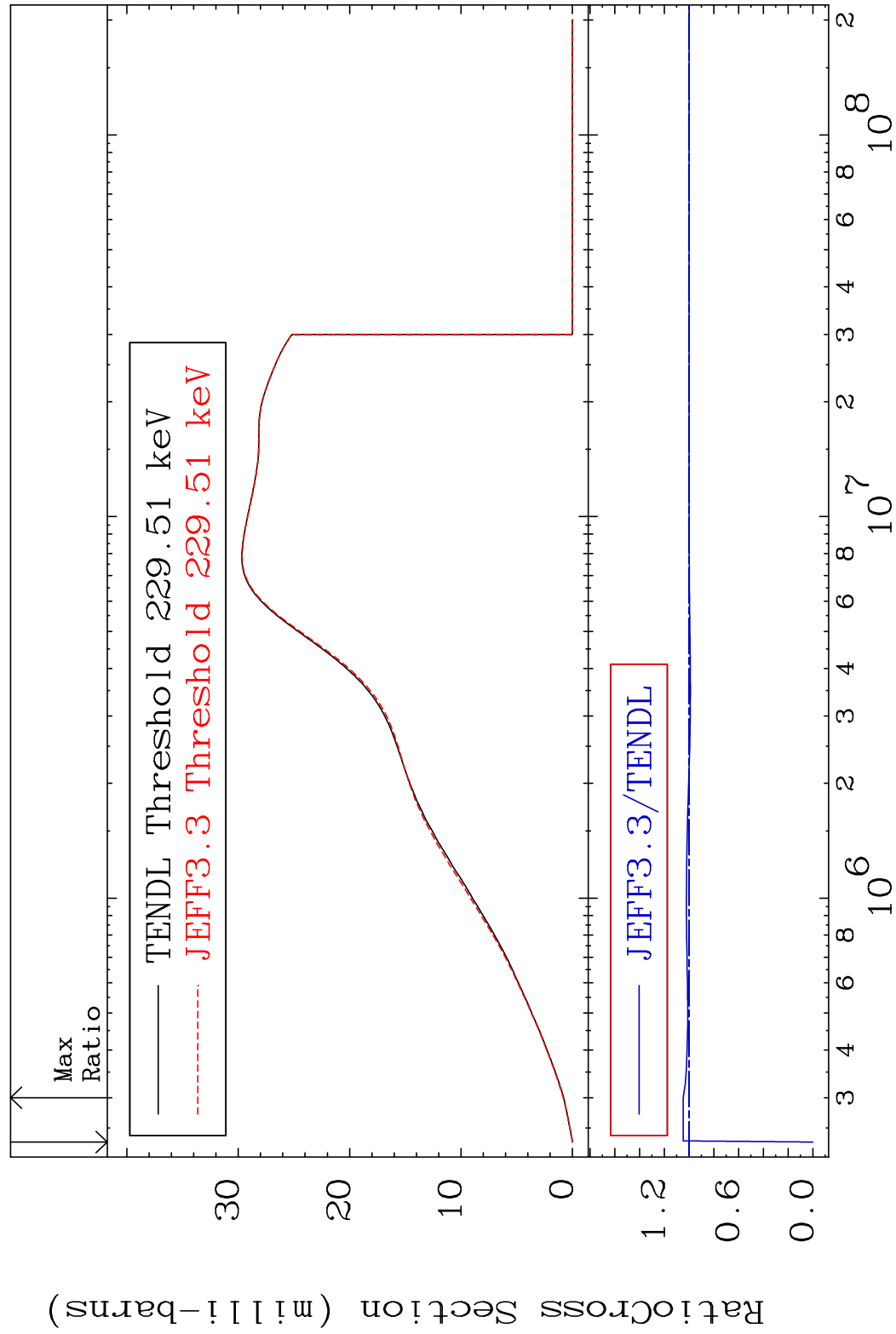


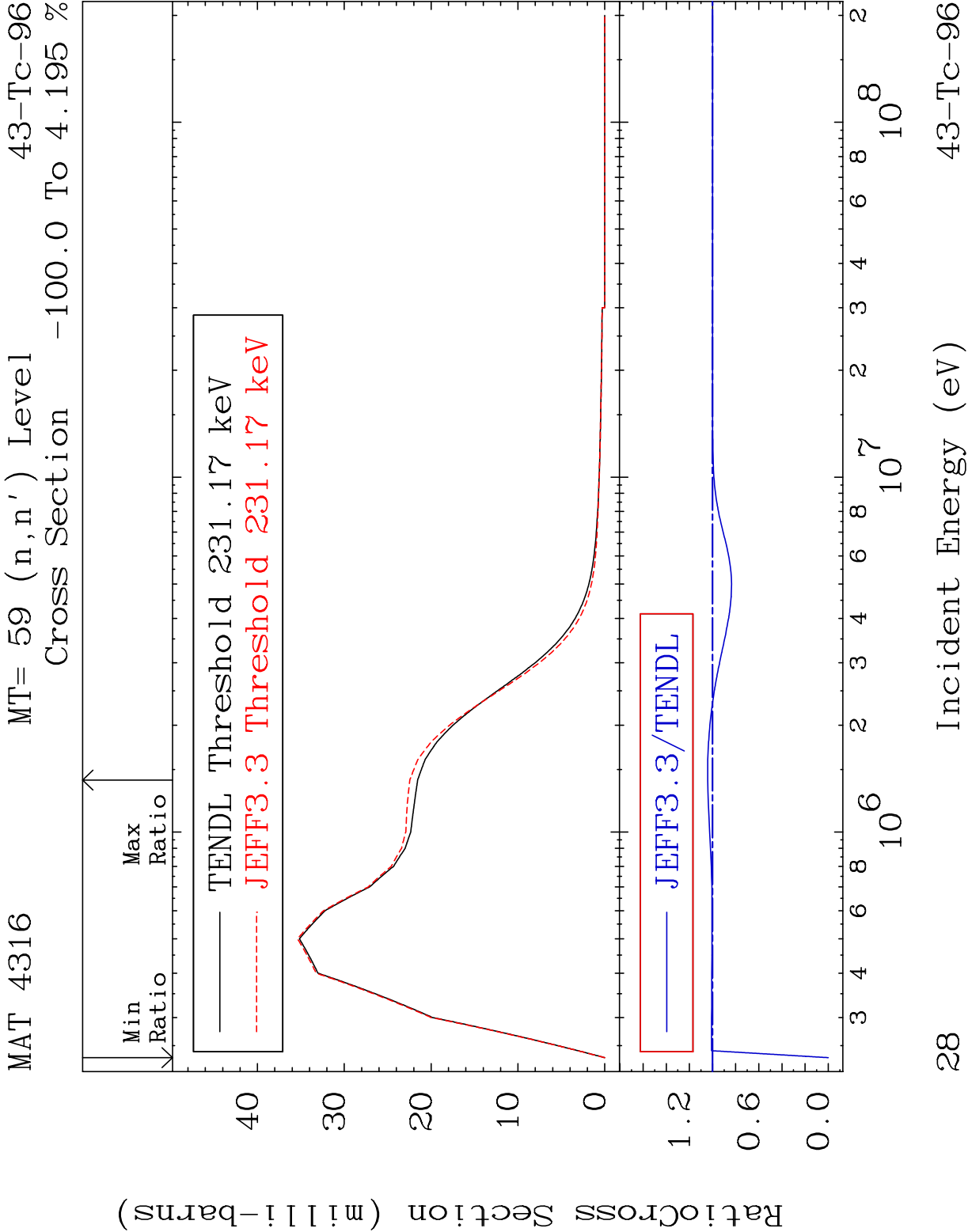
MAT 4316 MT= 56 (n,n') Level 43-Tc-96
 Cross Section -100.0 To 10.82 %

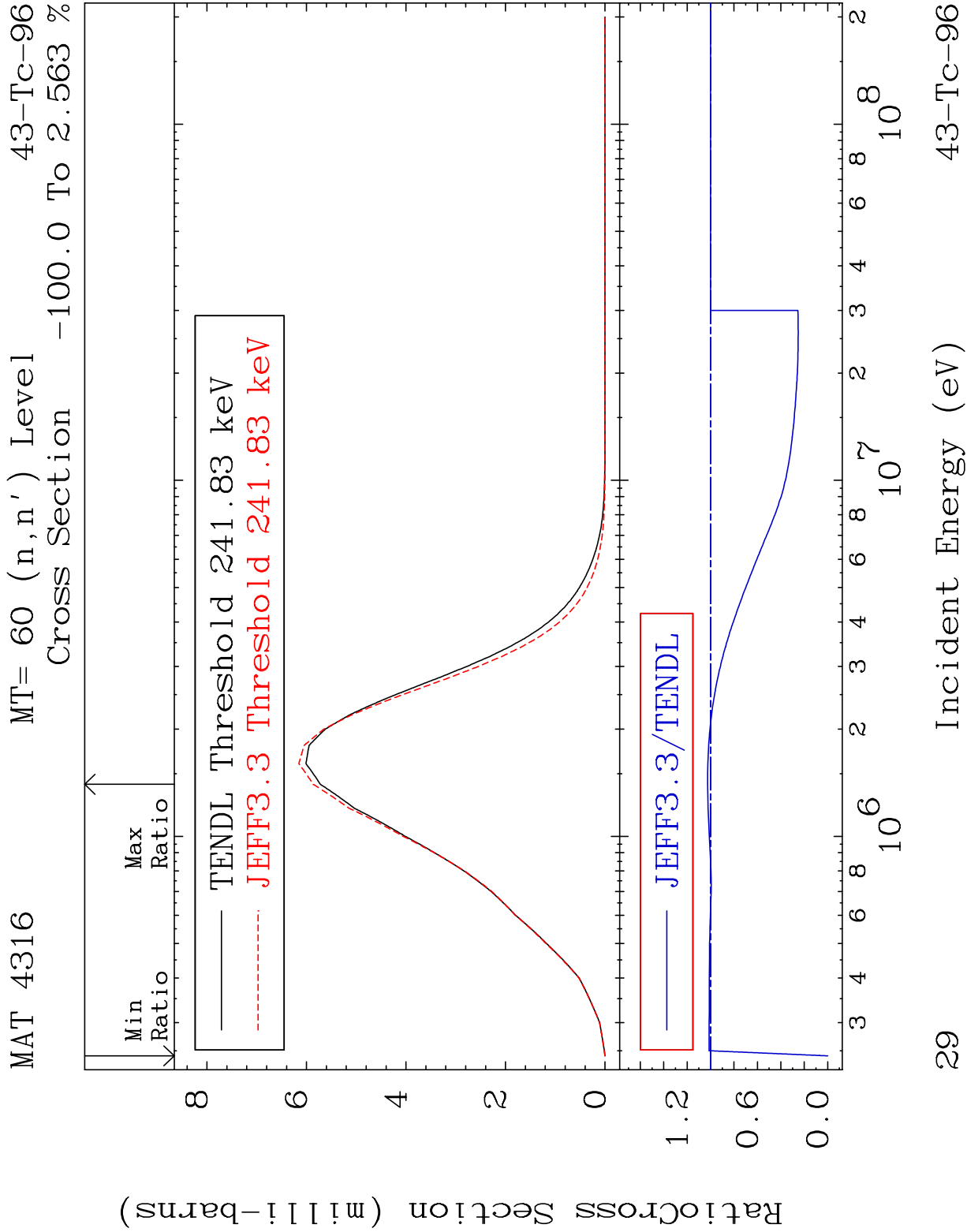




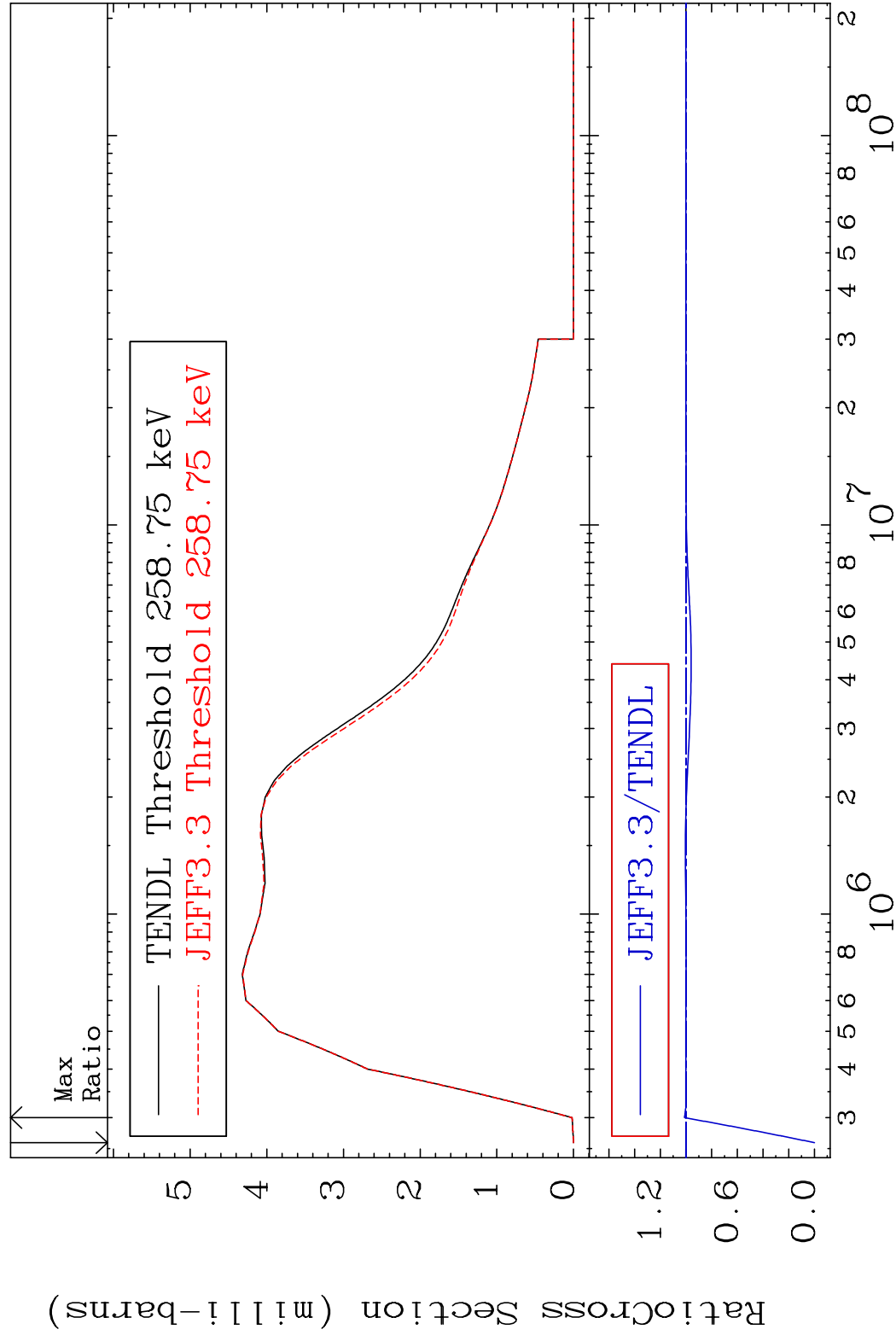
MAT 4316 MT= 58 (n,n') Level 43-Tc-96
Cross Section -100.0 To 4.773 %



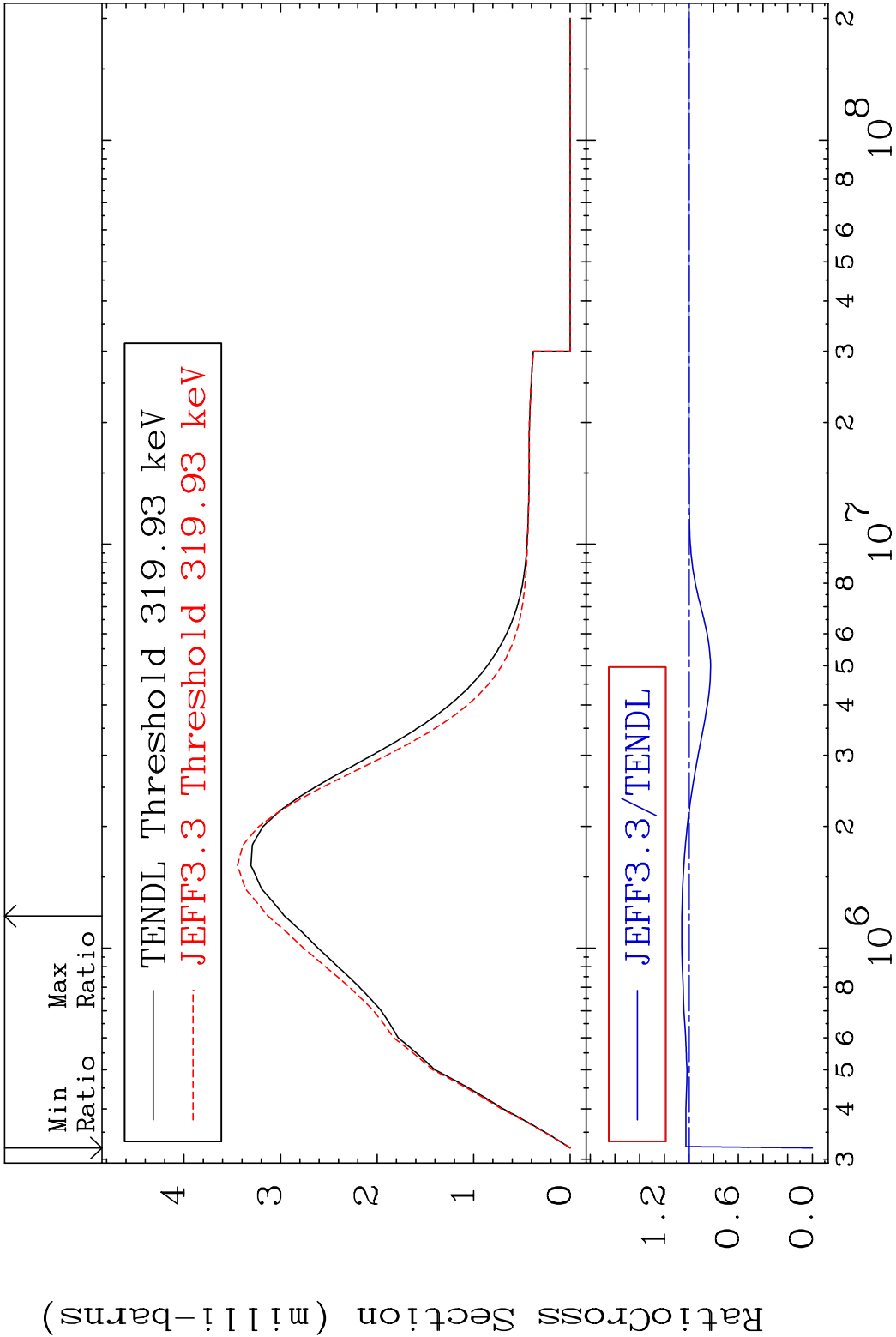




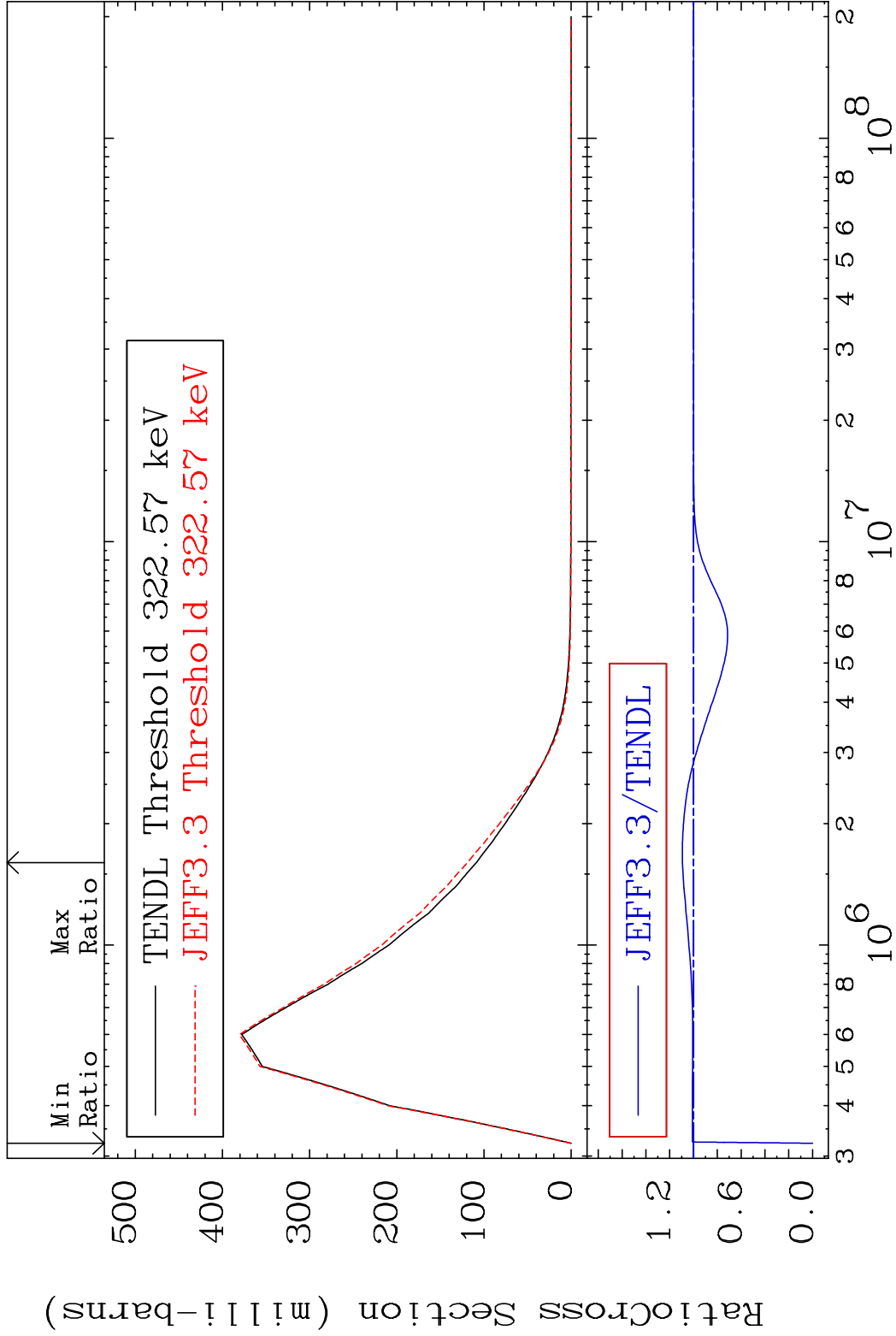
MAT 4316 MT= 61 (n,n') Level 43-Tc-96
Cross Section -100.0 To 1.175 %



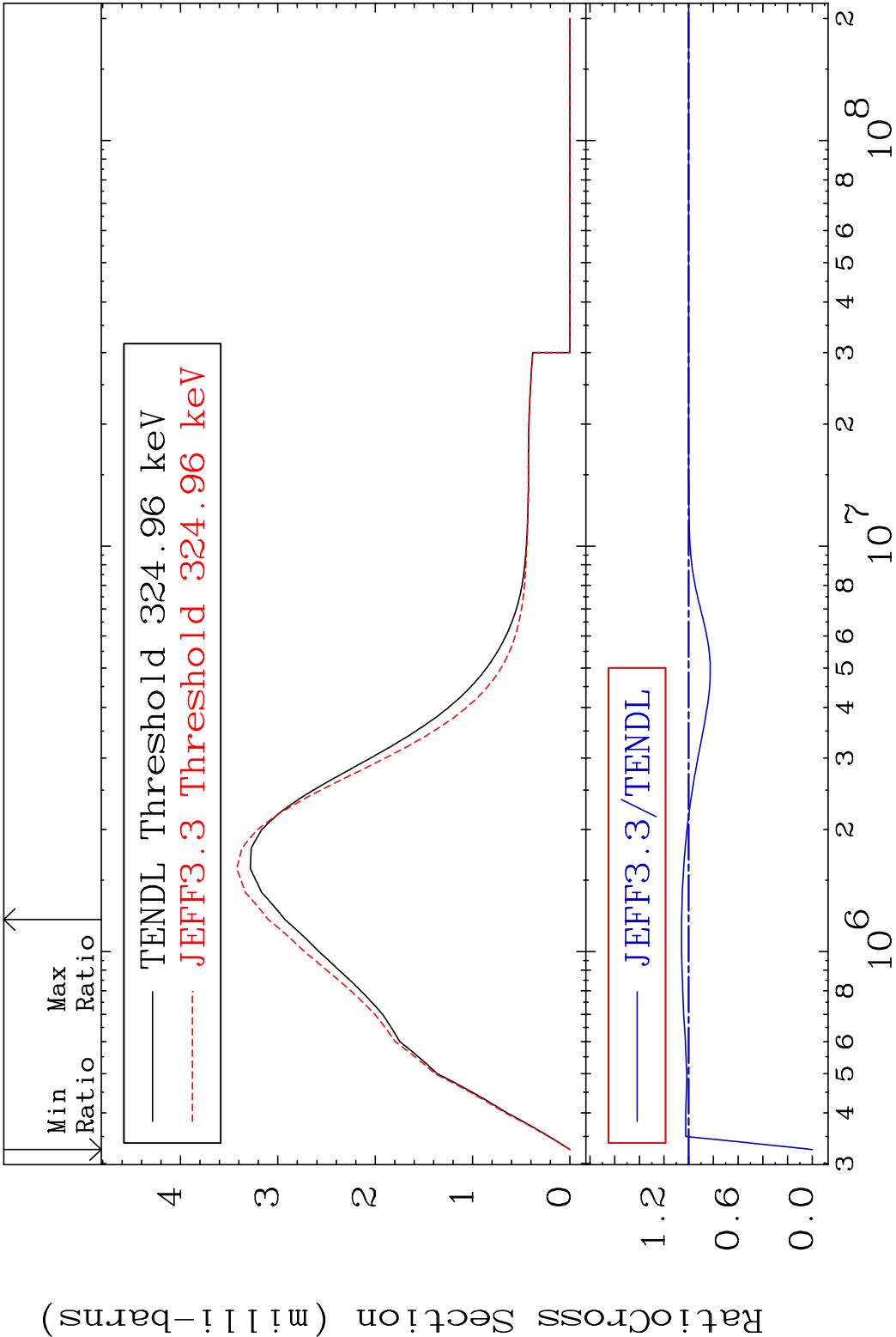
MAT 4316 MT= 62 (n,n') Level 43-Tc-96
 Cross Section -100.0 To 5.848 %



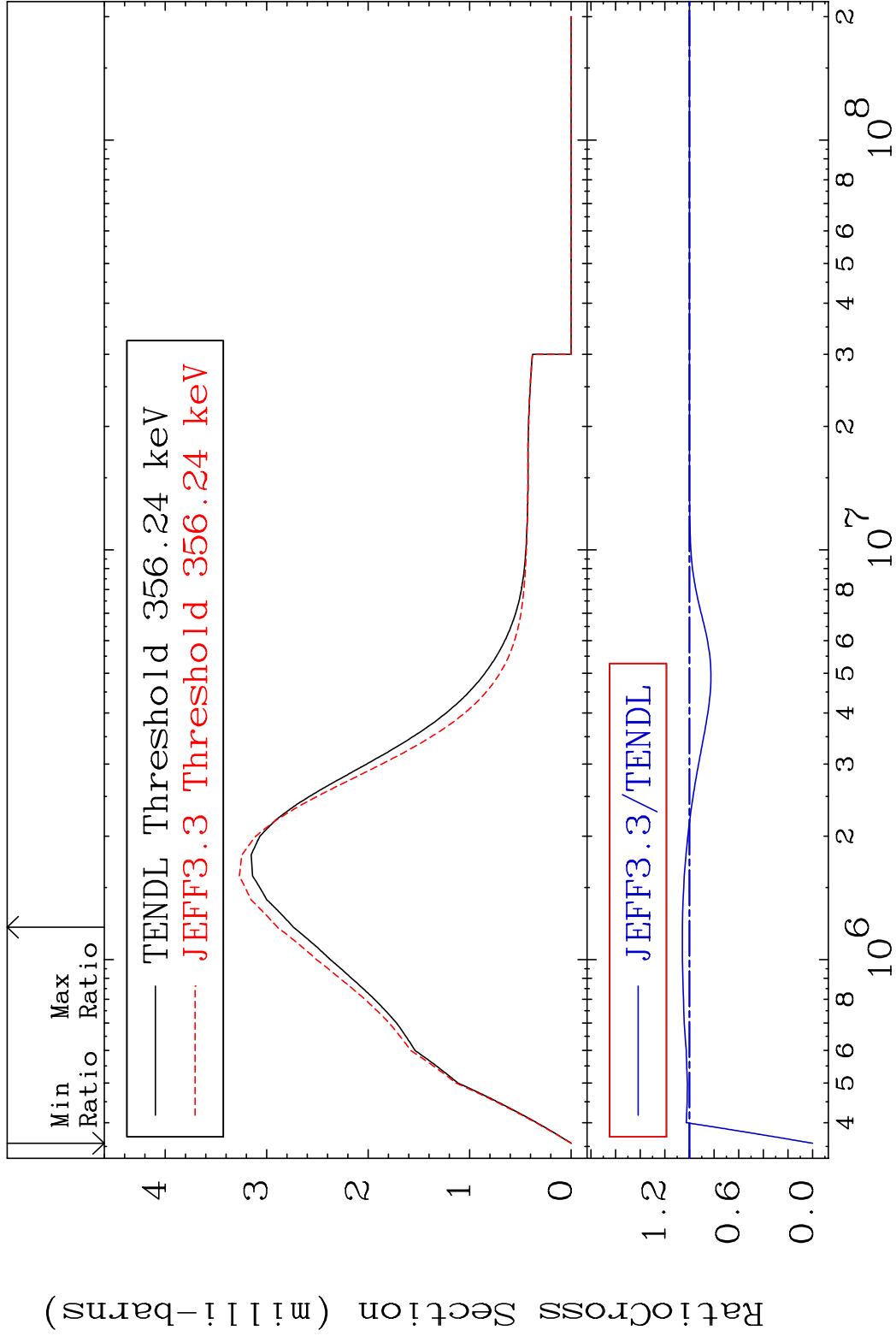
MAT 4316 MT= 63 (n,n') Level 43-Tc-96
Cross Section -100.0 To 9.376 %

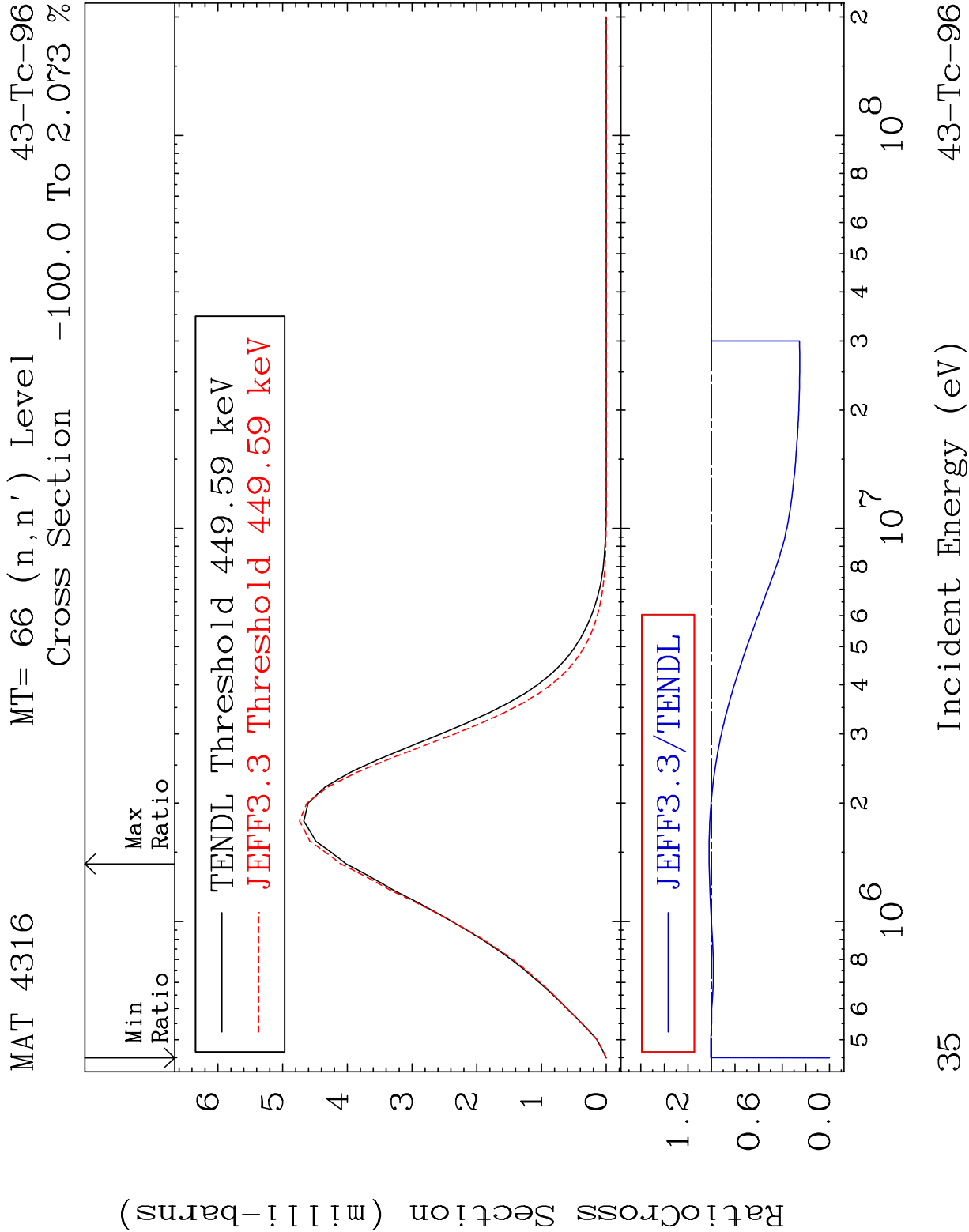


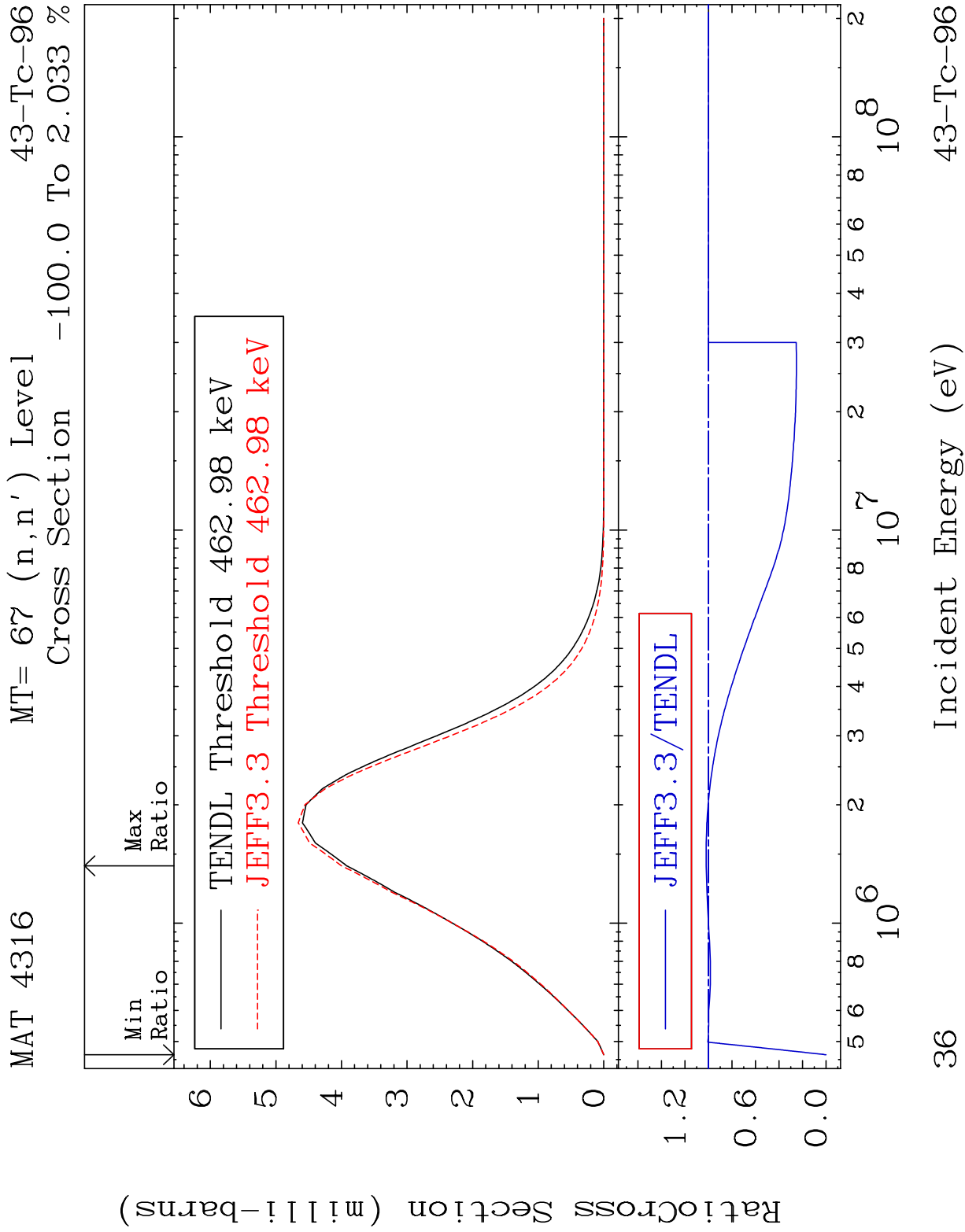
MAT 4316 MT= 64 (n,n') Level 43-Tc-96
 Cross Section -100.0 To 5.839 %



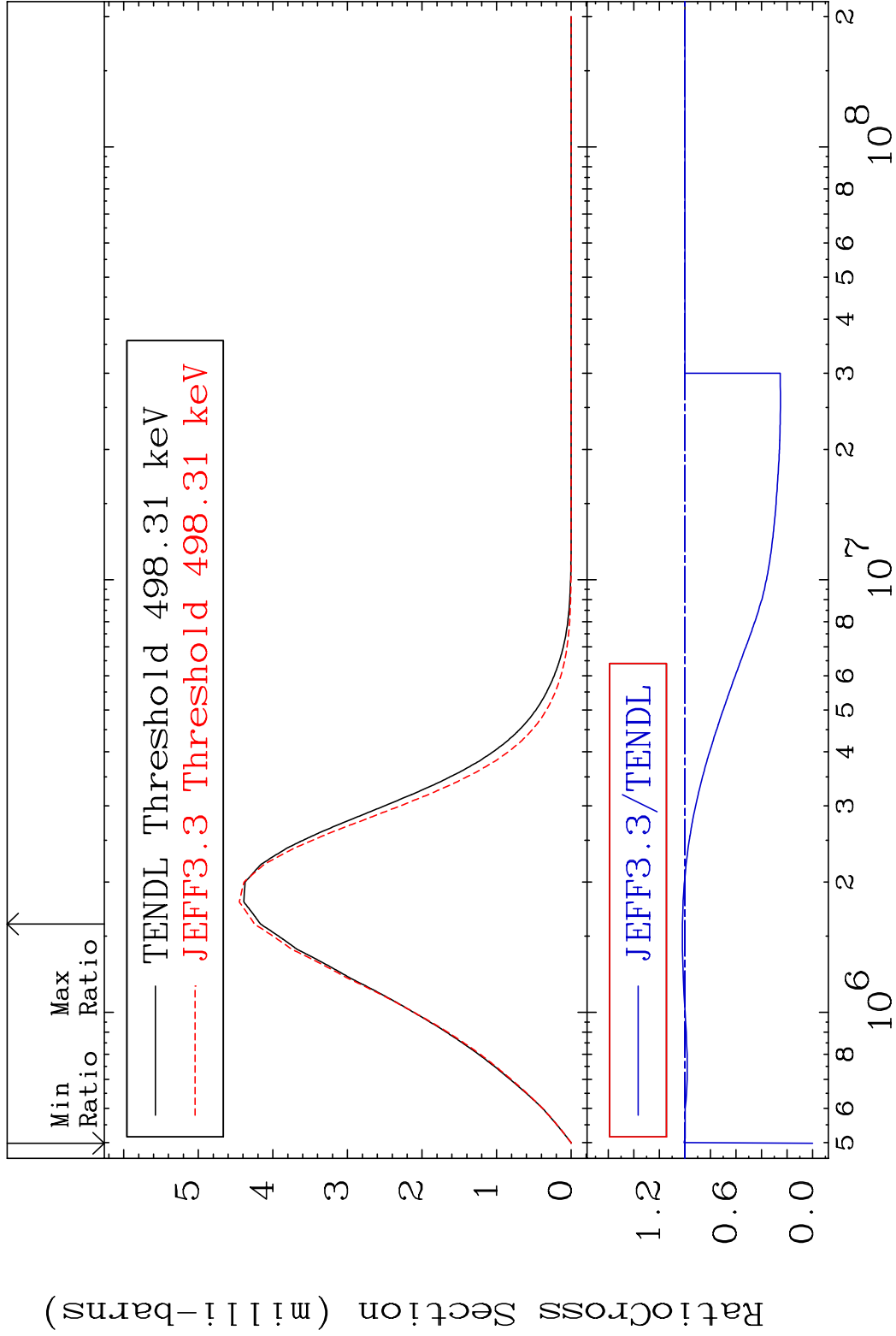
MAT 4316 MT= 65 (n,n') Level 43-Tc-96
 Cross Section -100.0 To 5.782 %



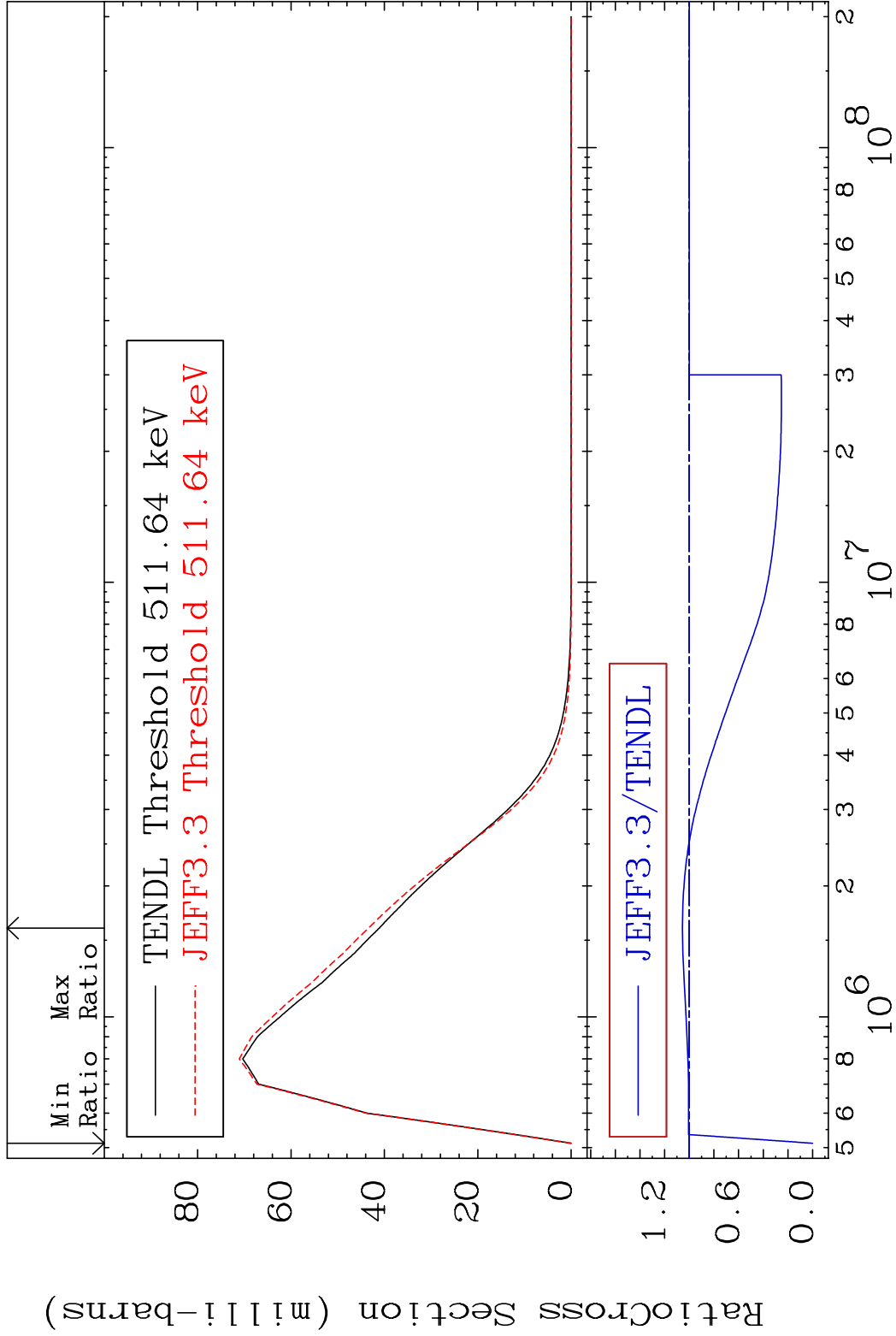




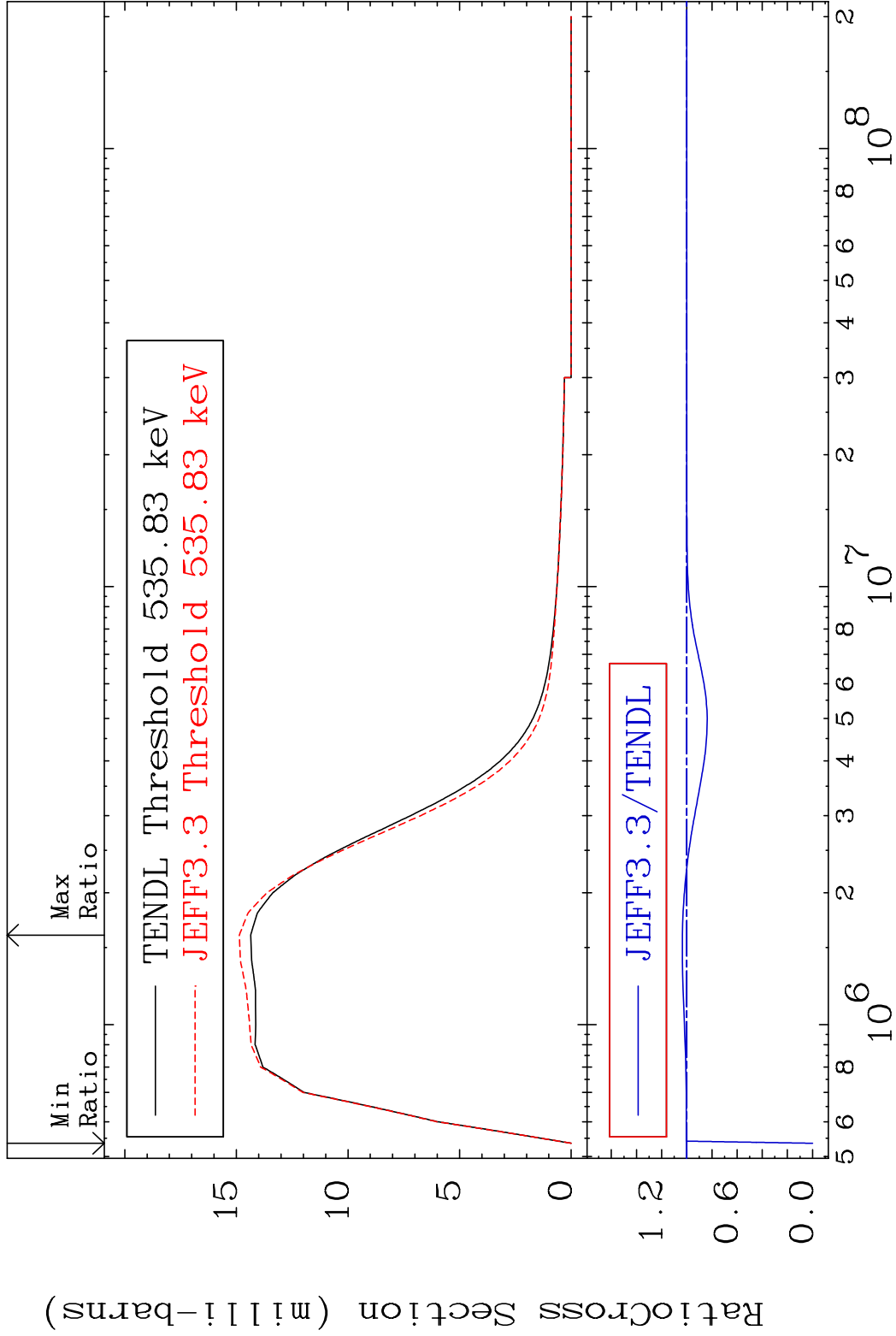
MAT 4316 MT= 68 (n,n') Level 43-Tc-96
Cross Section -100.0 To 1.933 %

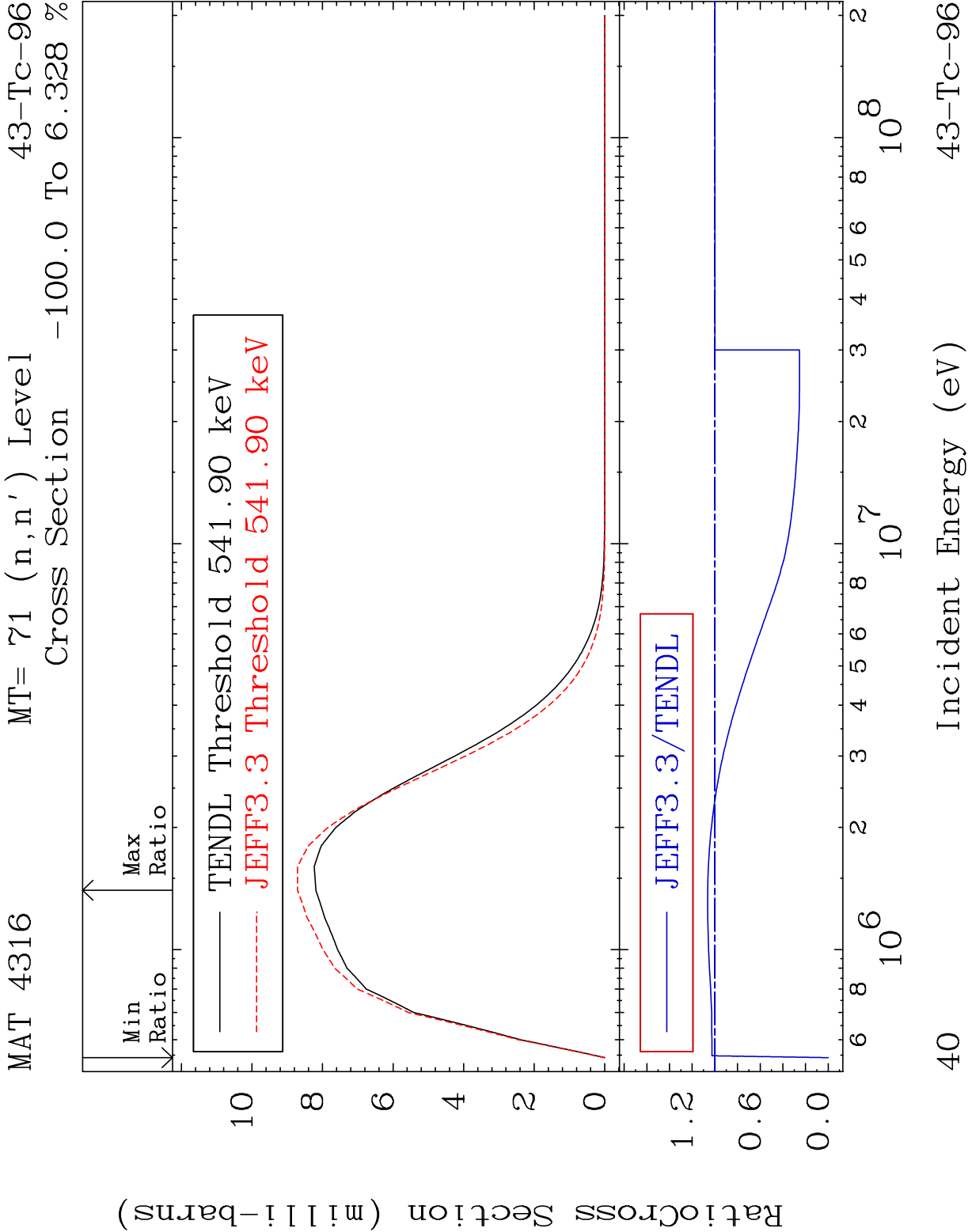


MAT 4316 MT= 69 (n,n') Level 43-Tc-96
Cross Section -100.0 To 5.620 %

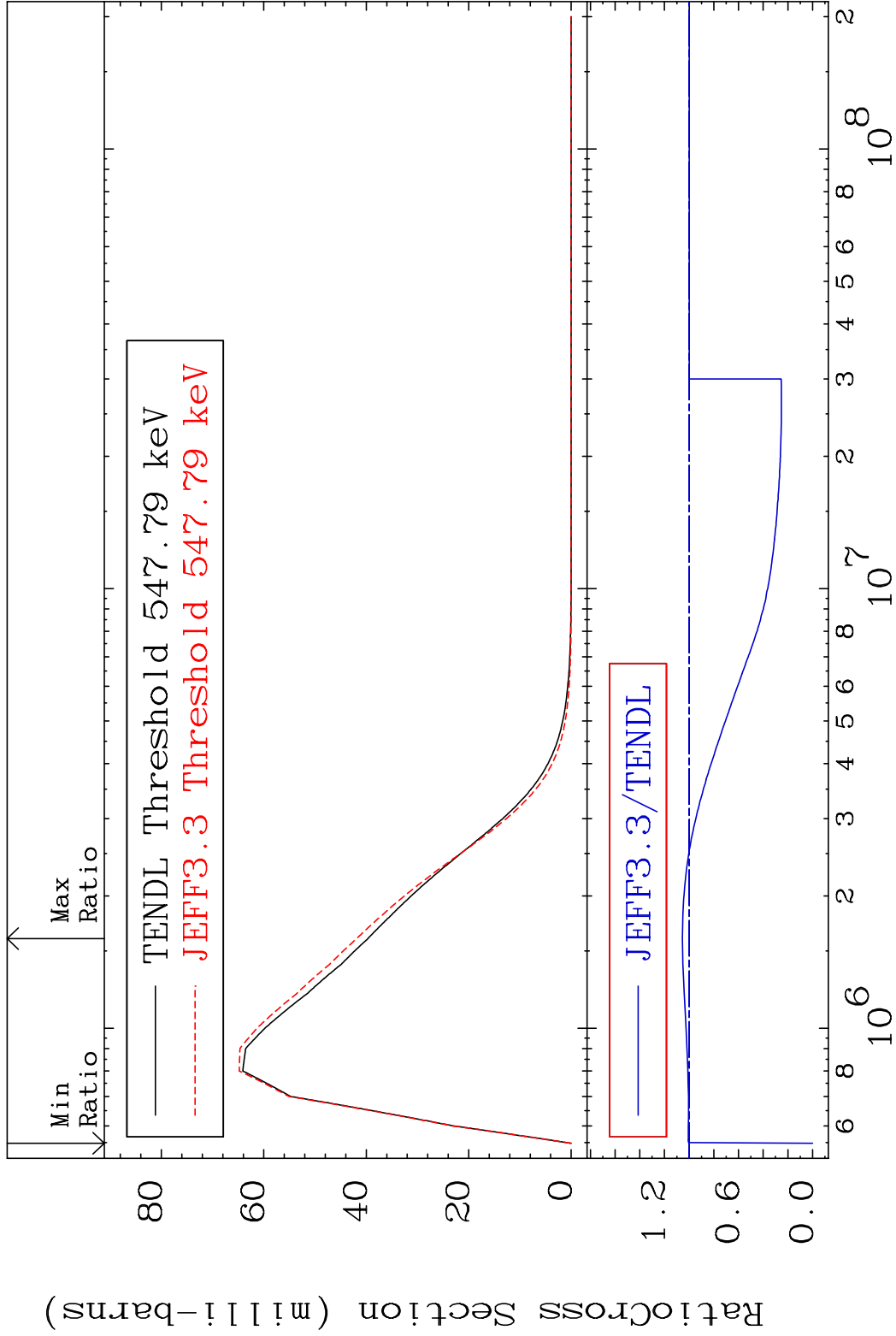


MAT 4316 MT= 70 (n,n') Level 43-Tc-96
Cross Section -100.0 To 3.528 %

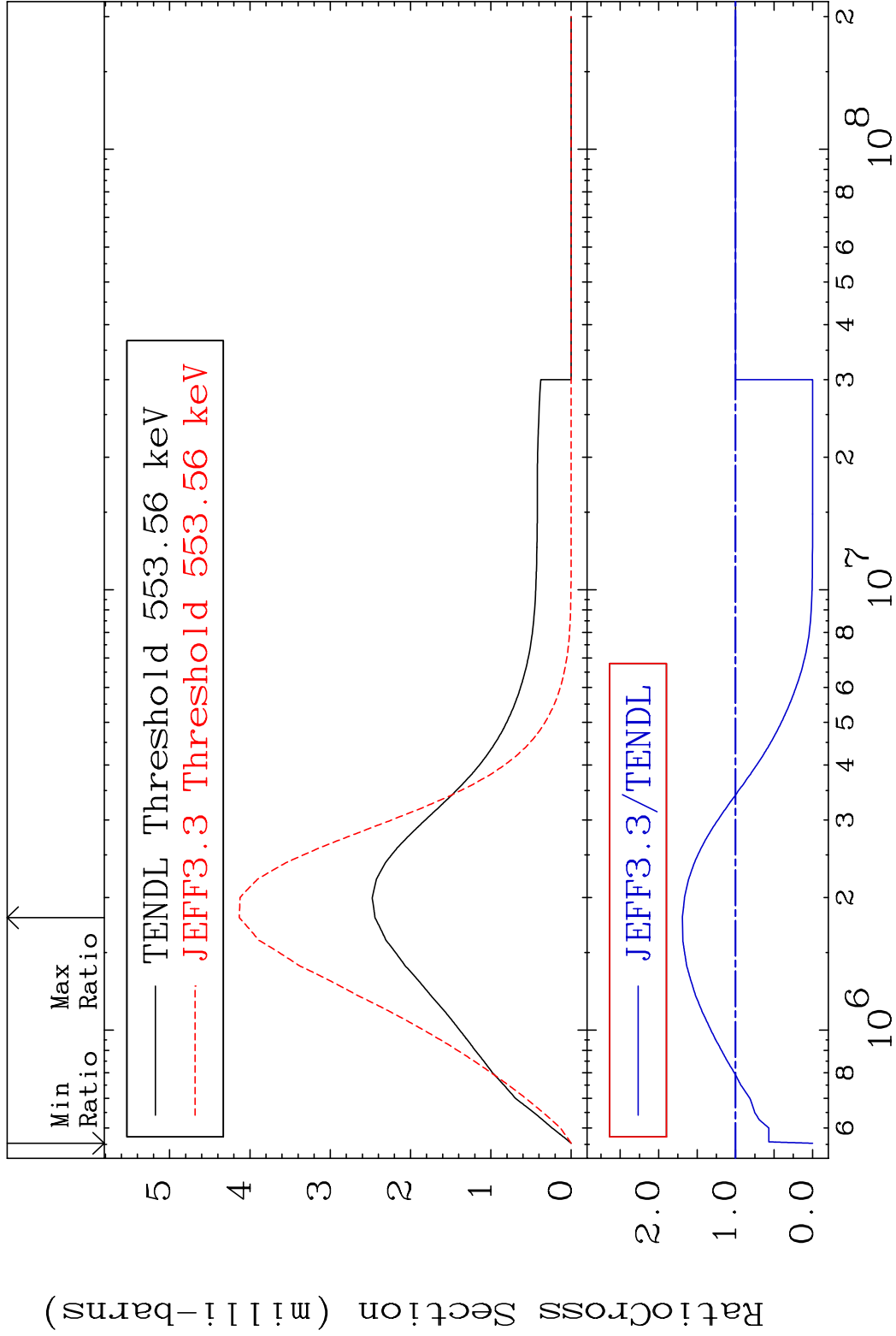




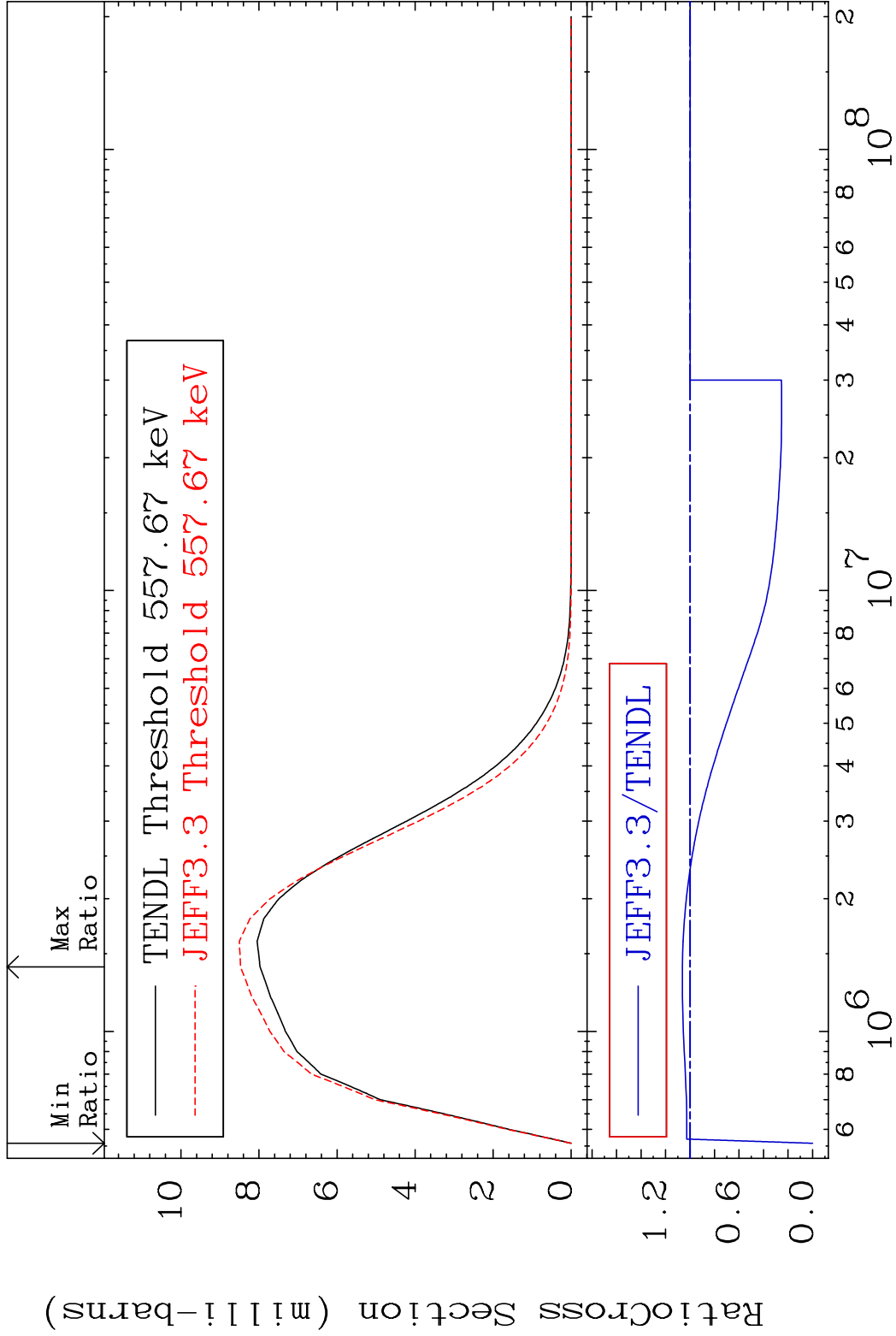
MAT 4316 MT= 72 (n,n') Level 43-Tc-96
Cross Section -100.0 To 5.504 %



MAT 4316 MT= 73 (n,n') Level 43-Tc-96
Cross Section -100.0 To 69.21 %

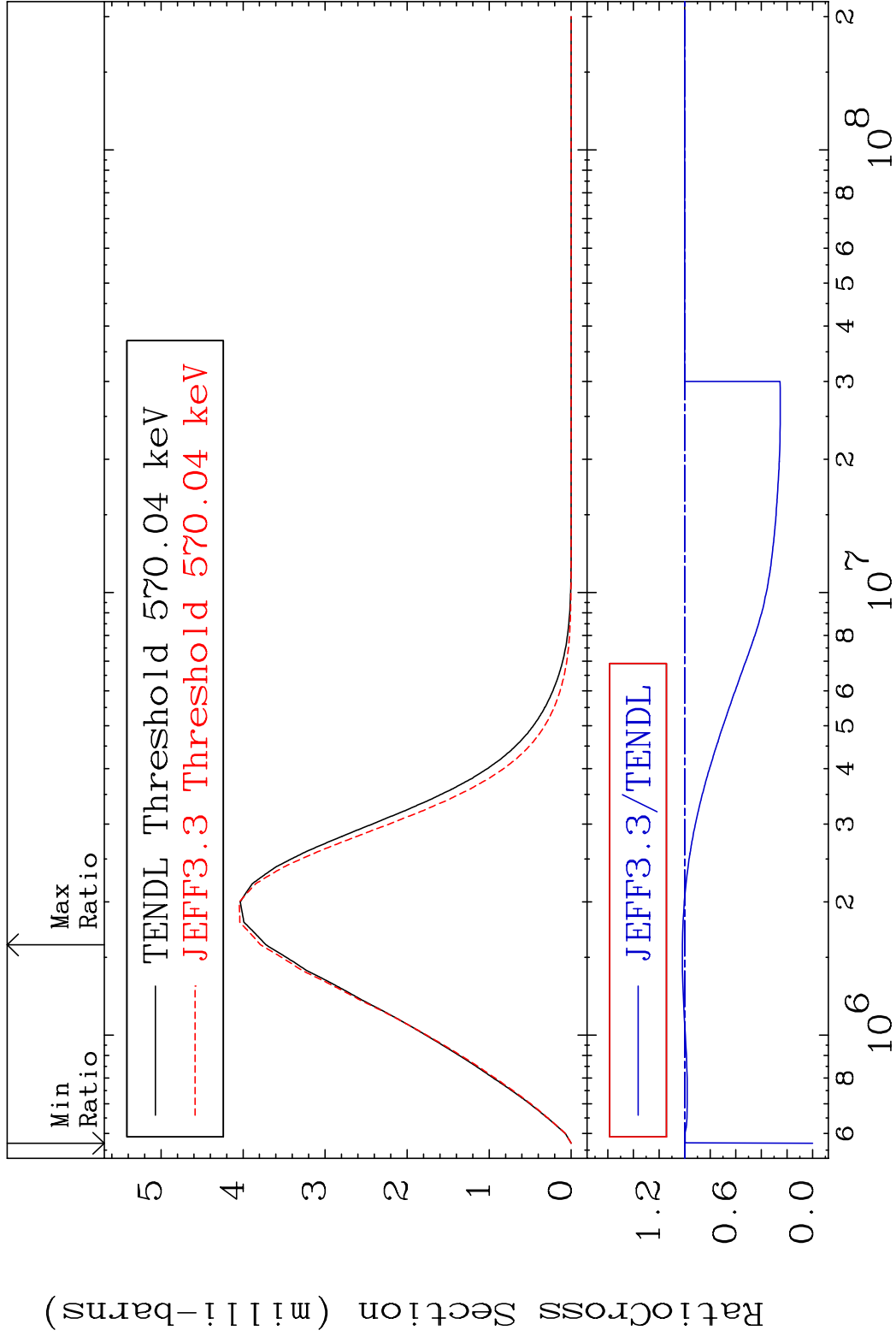


MAT 4316 MT= 74 (n,n') Level 43-Tc-96
Cross Section -100.0 To 6.279 %

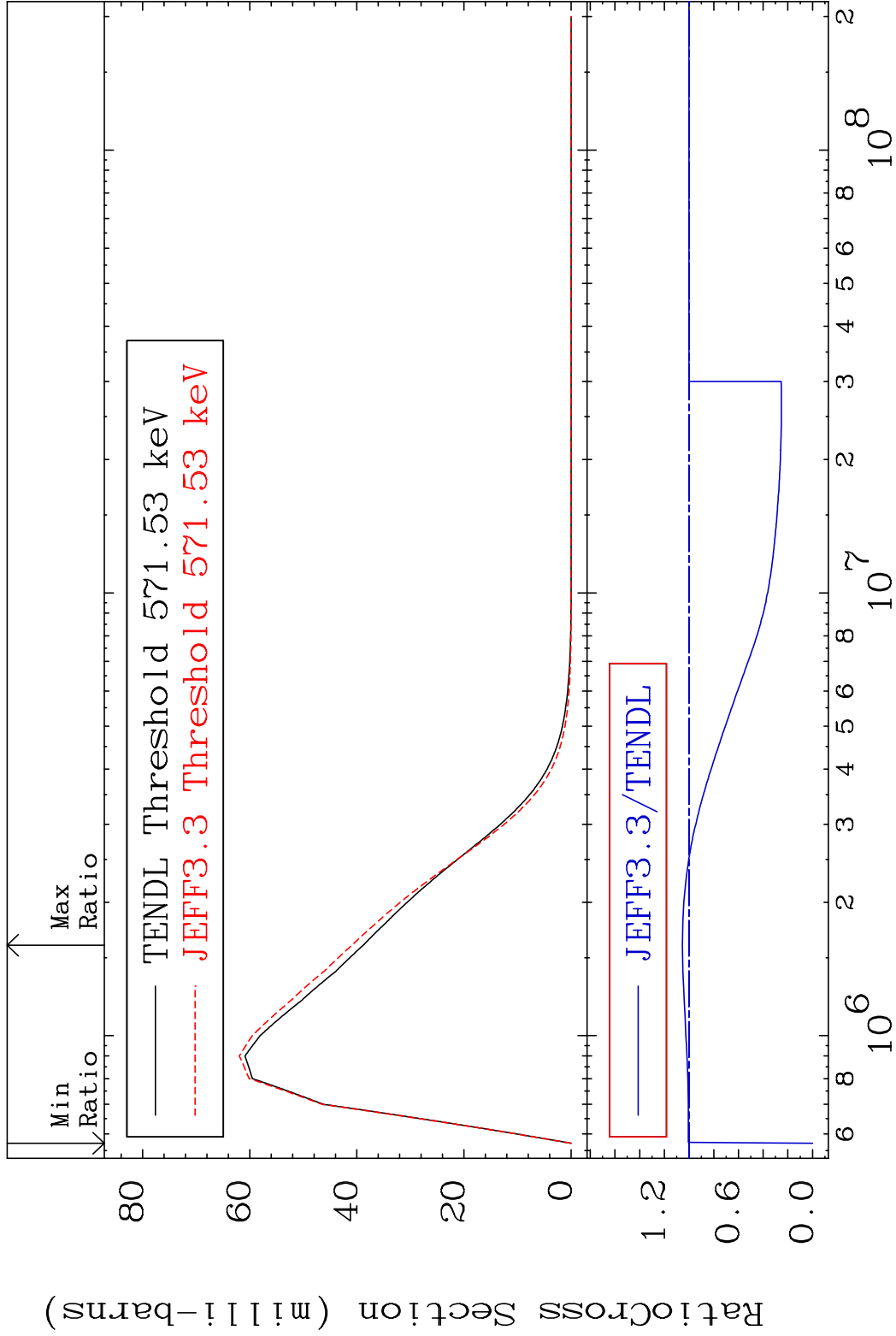


43 Incident Energy (eV) 43-Tc-96

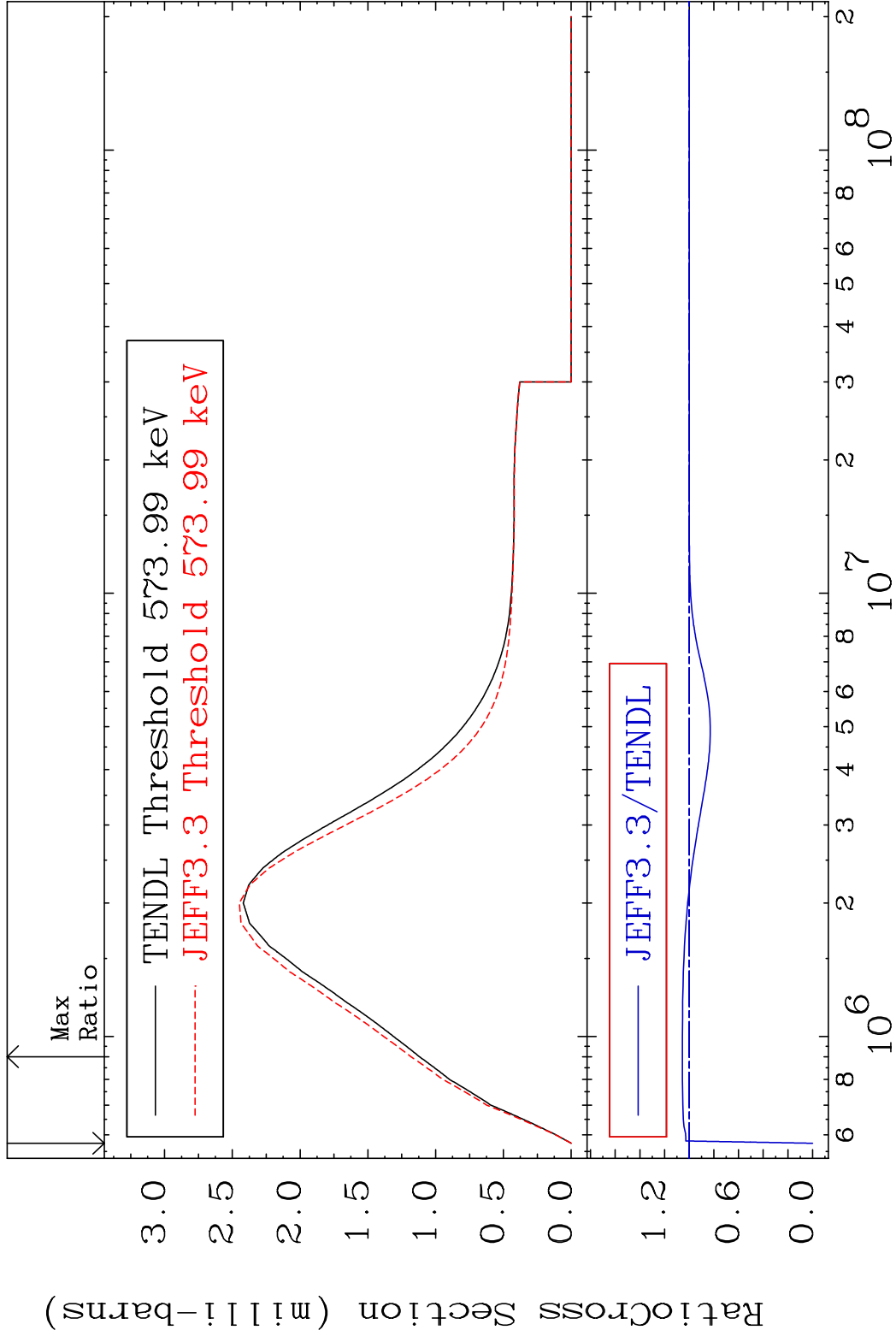
MAT 4316 MT= 75 (n,n') Level 43-Tc-96
Cross Section -100.0 To 1.763 %



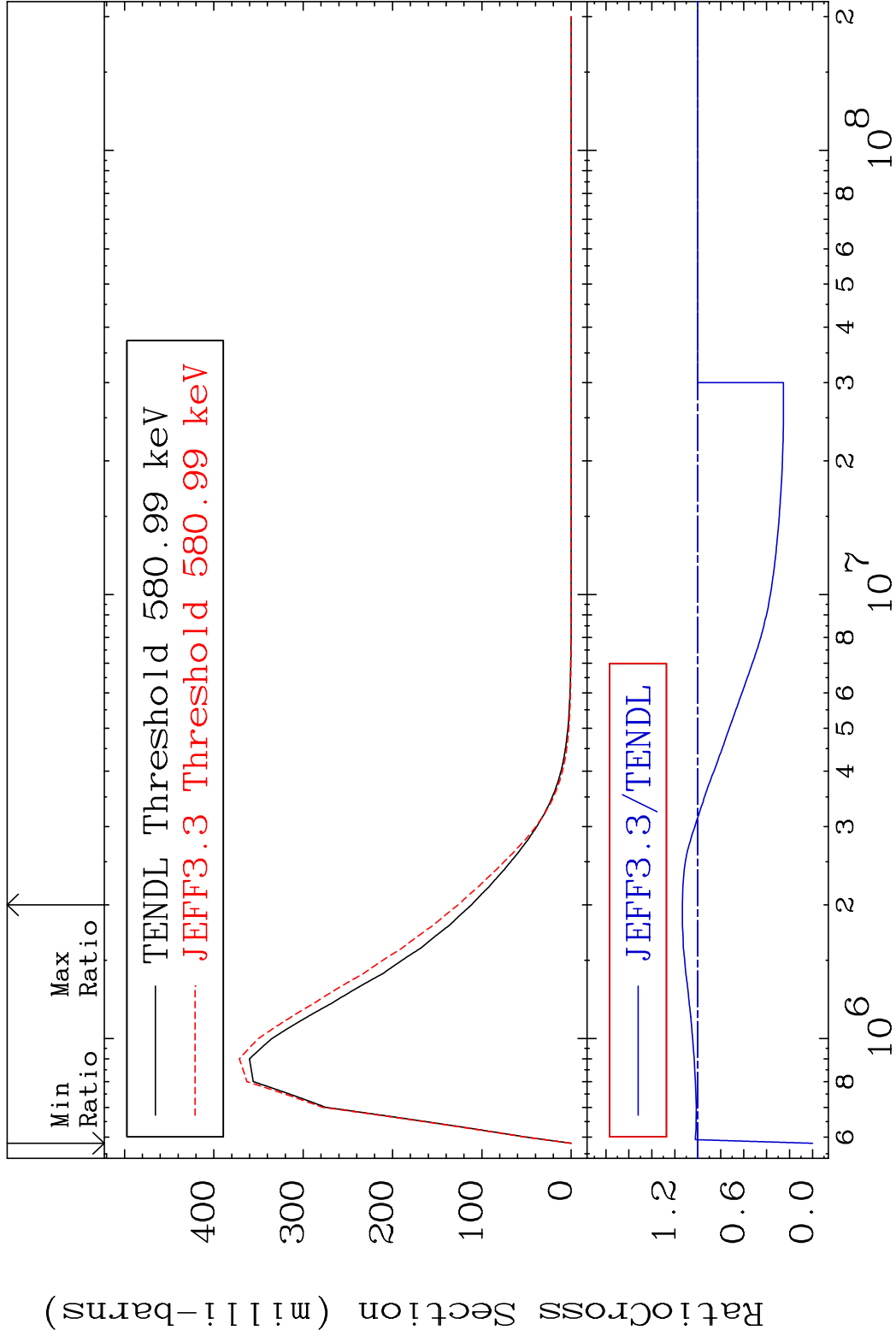
MAT 4316 MT= 76 (n,n') Level 43-Tc-96
Cross Section -100.0 To 5.425 %



MAT 4316 MT= 77 (n,n') Level 43-Tc-96
Cross Section -100.0 To 5.569 %

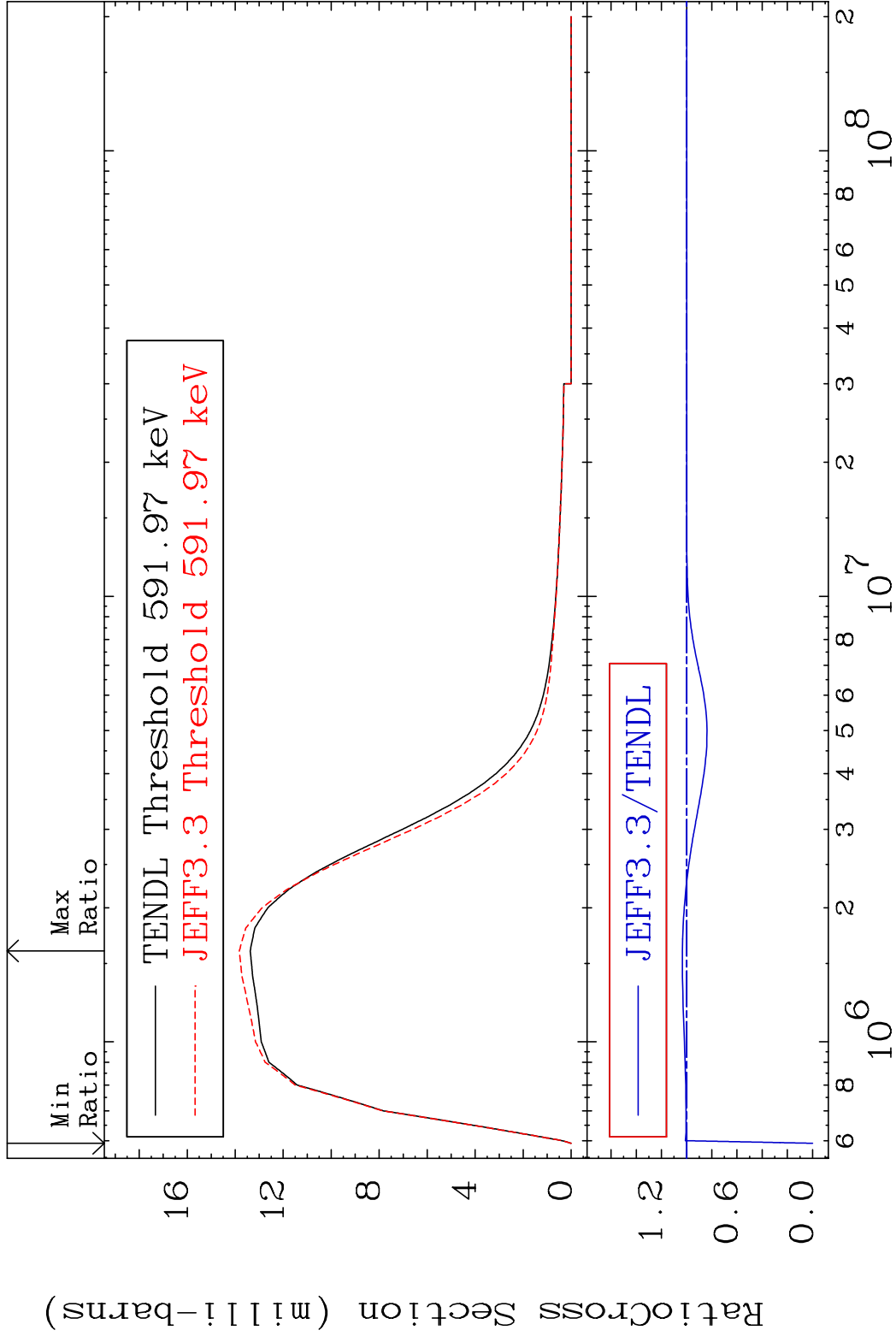


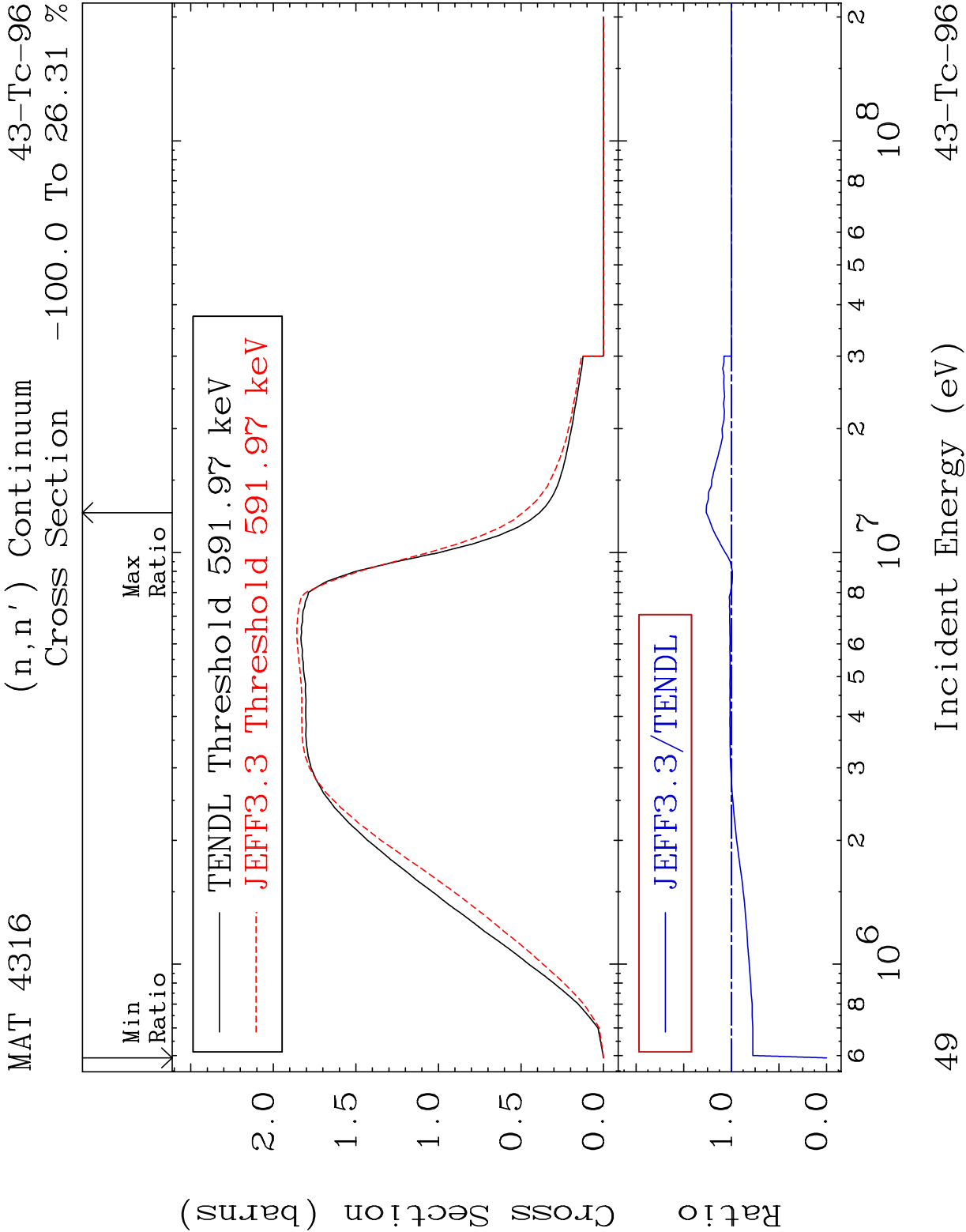
MAT 4316 MT= 78 (n,n') Level 43-Tc-96
Cross Section -100.0 To 13.41 %



47 Incident Energy (eV) 43-Tc-96

MAT 4316 MT= 79 (n,n') Level 43-Tc-96
Cross Section -100.0 To 3.394 %



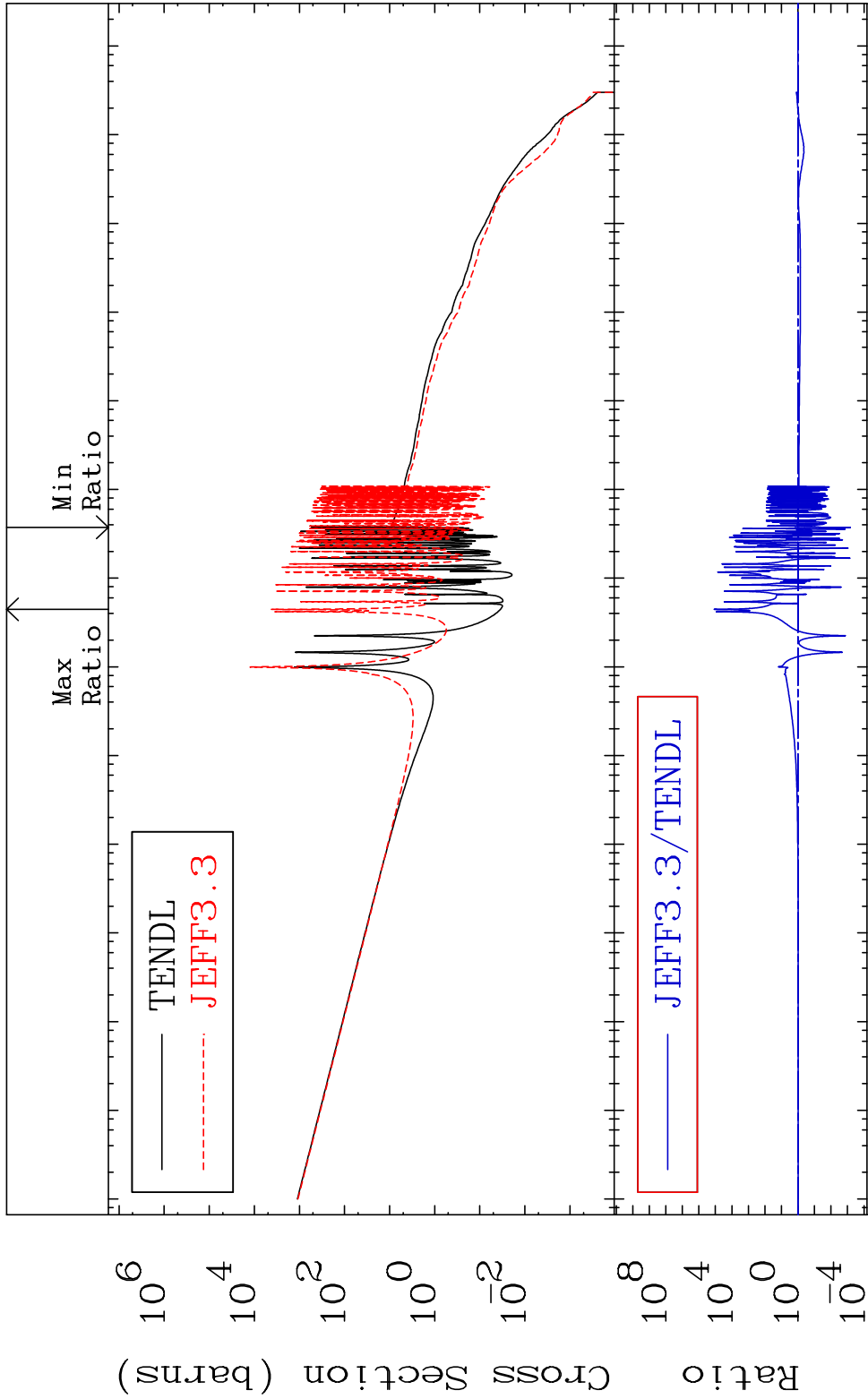


MAT 4316

(n, γ)

43-Tc-96

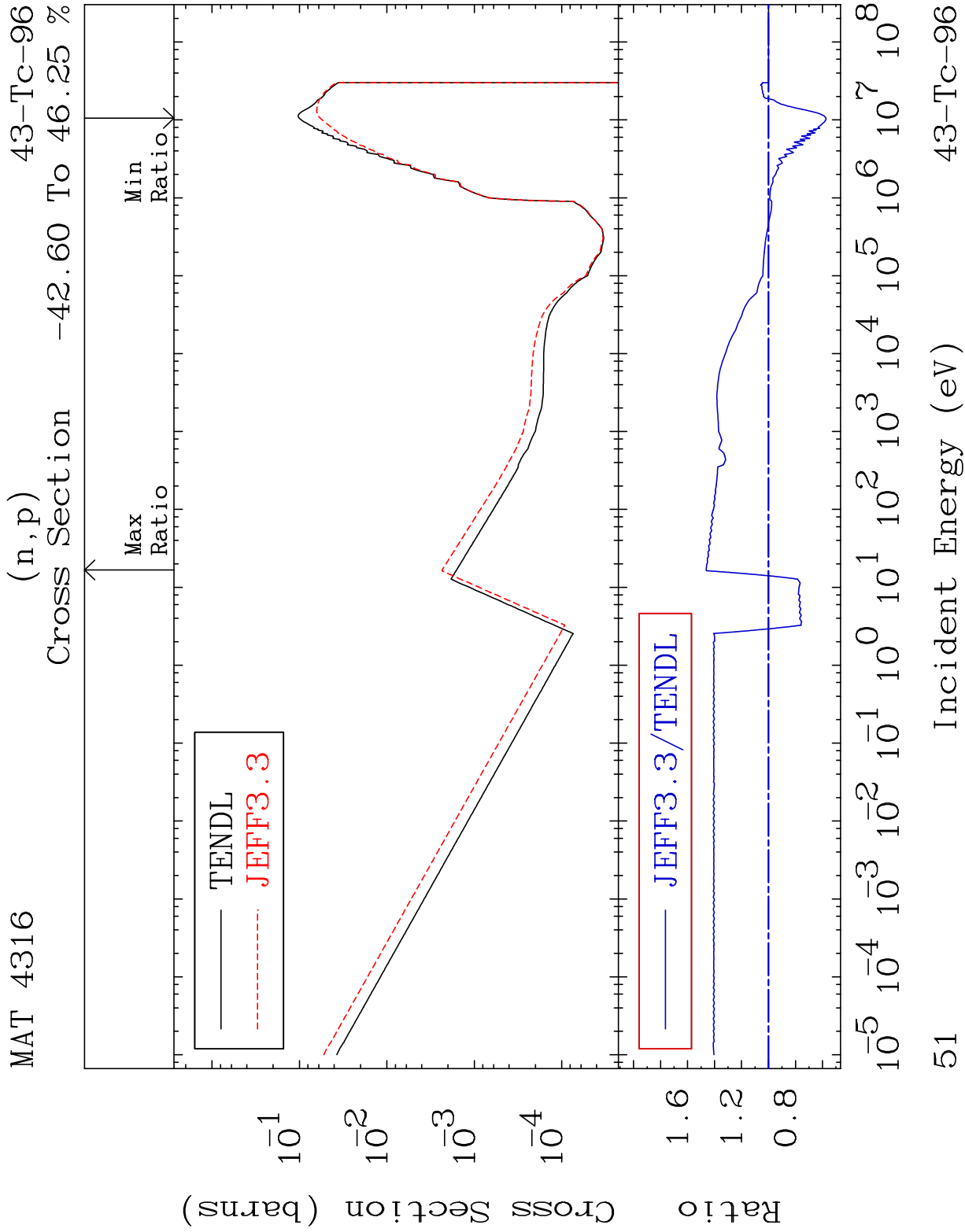
Cross Section -99.93 To 9999. %

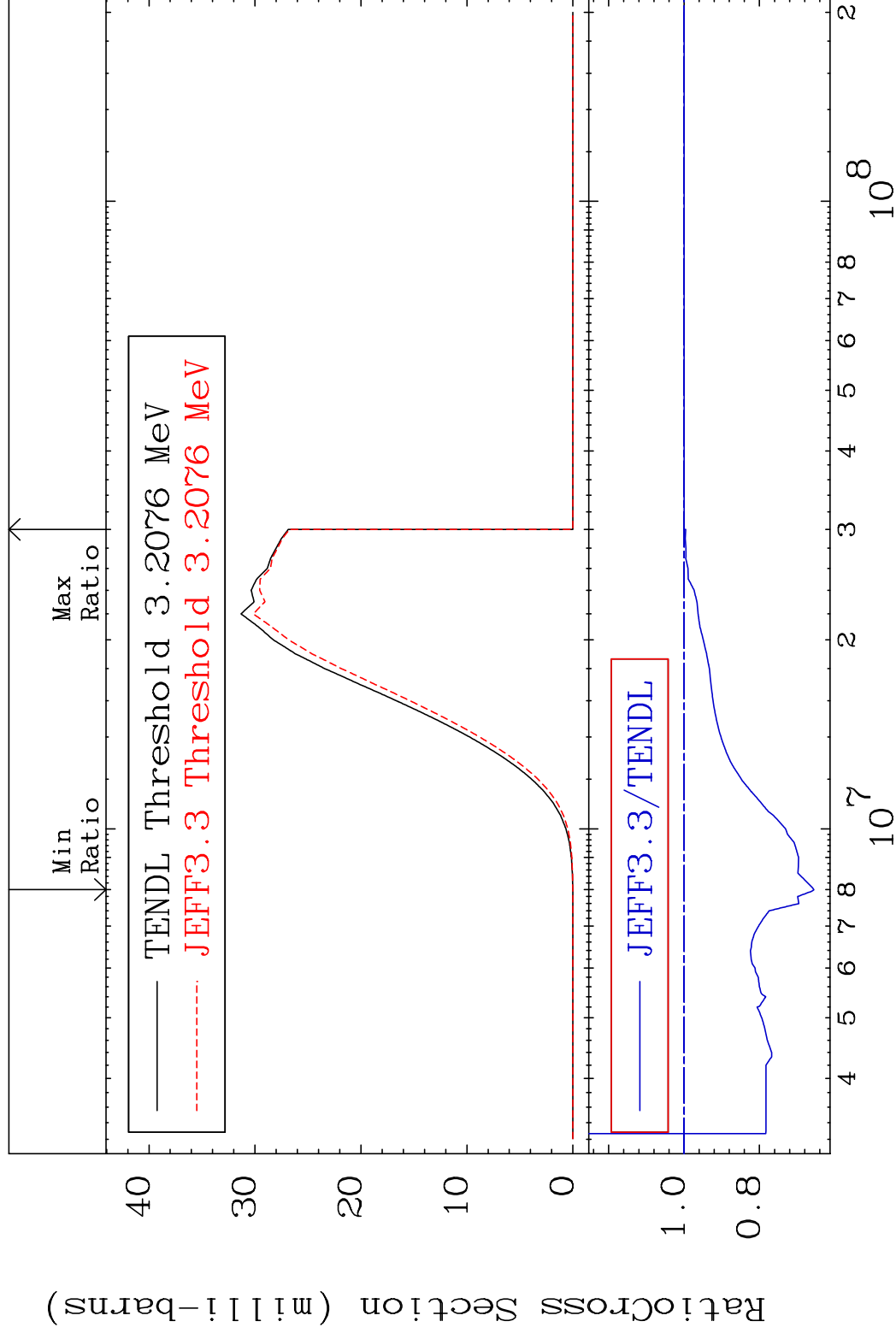


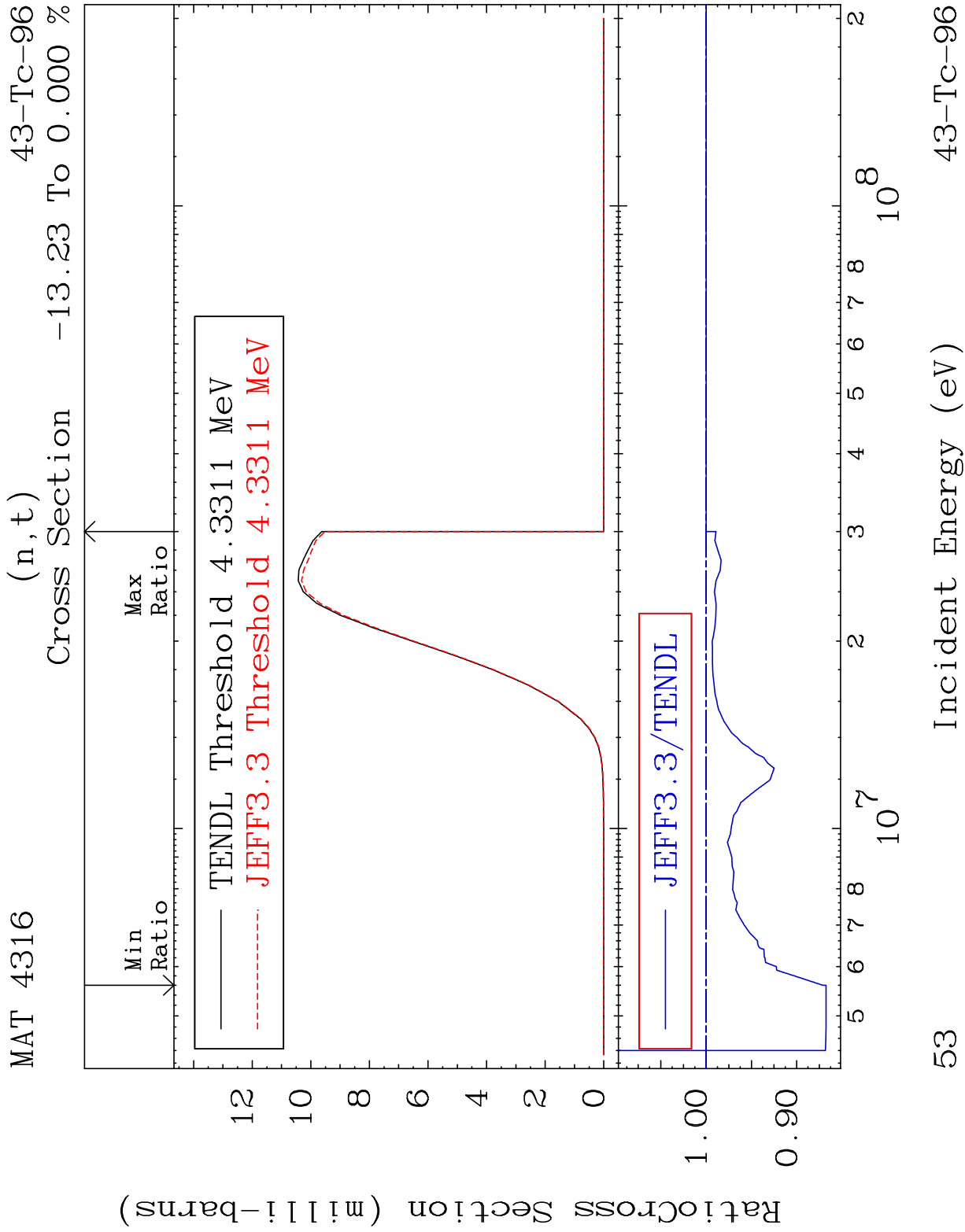
50

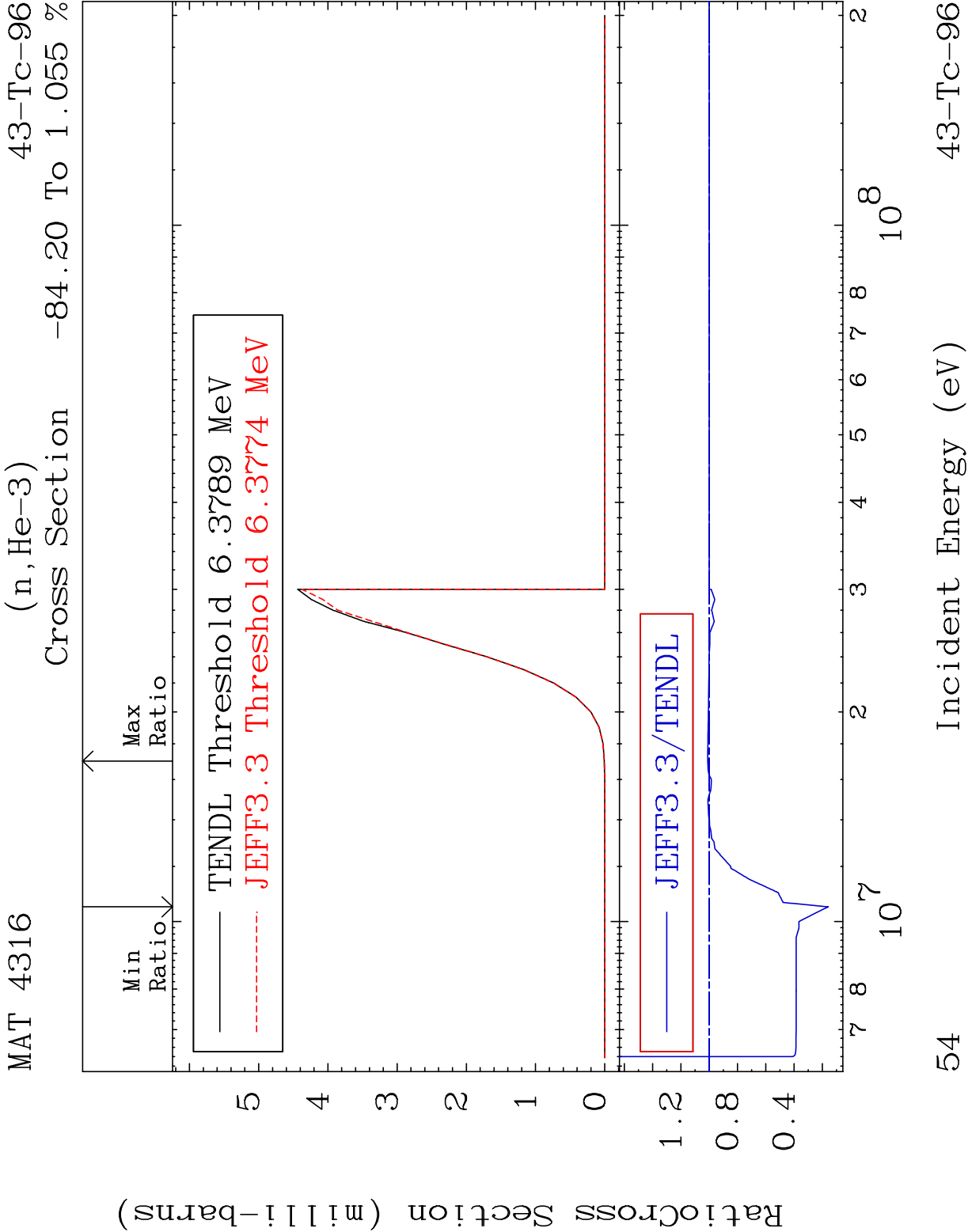
Incident Energy (eV)

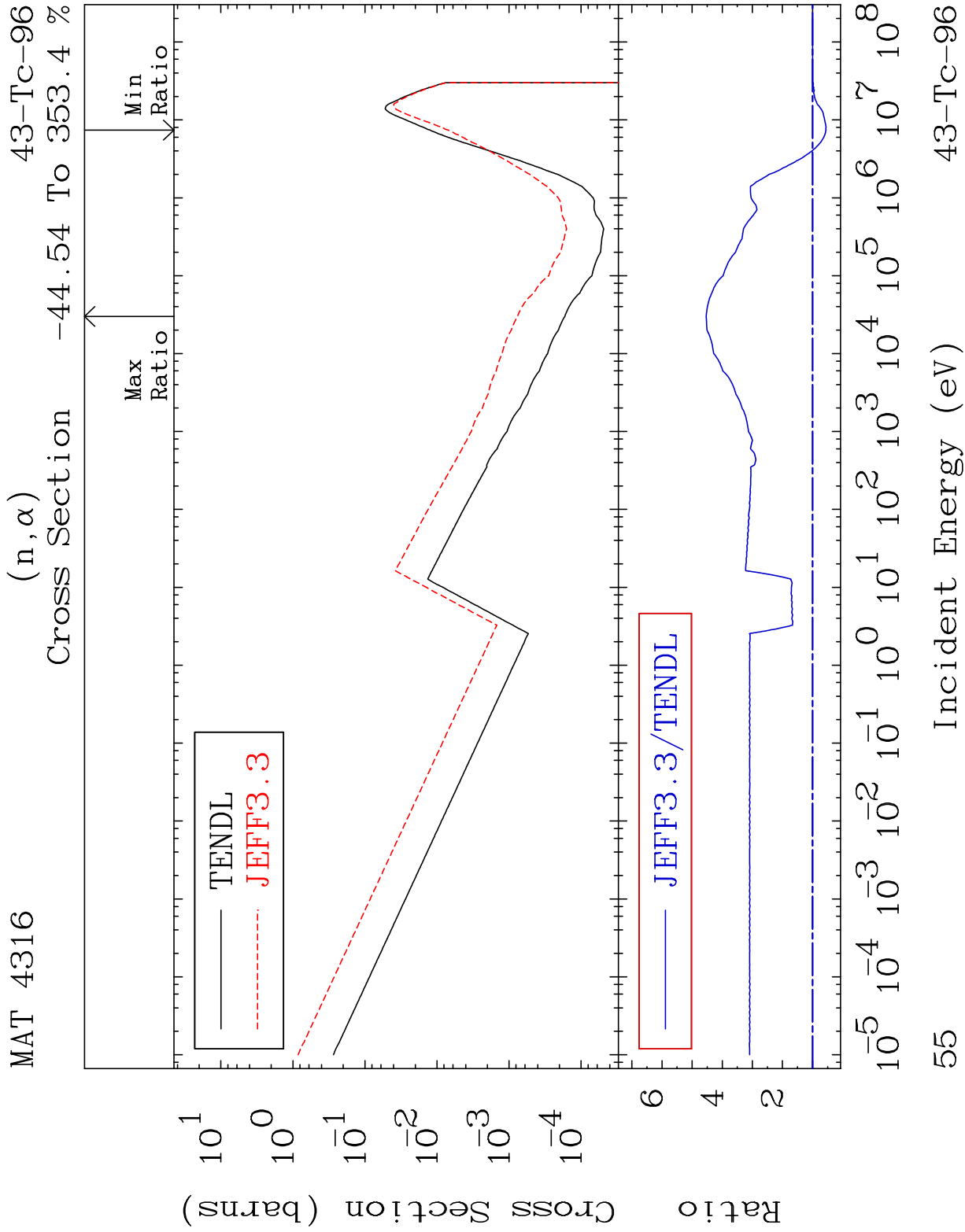
43-Tc-96









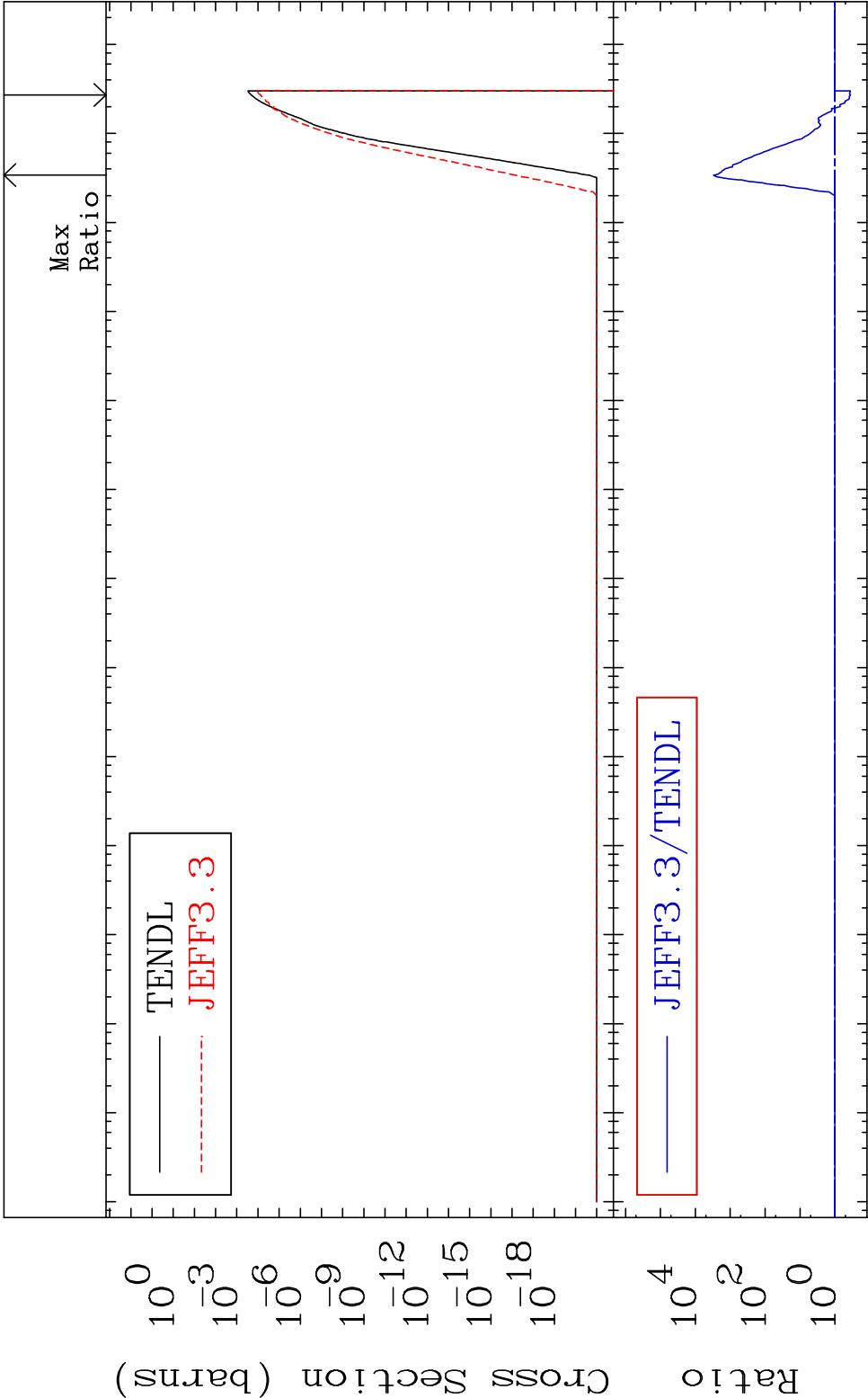


MAT 4316

(n,2α)

43-Tc-96

Cross Section -63.87 To 9999. %

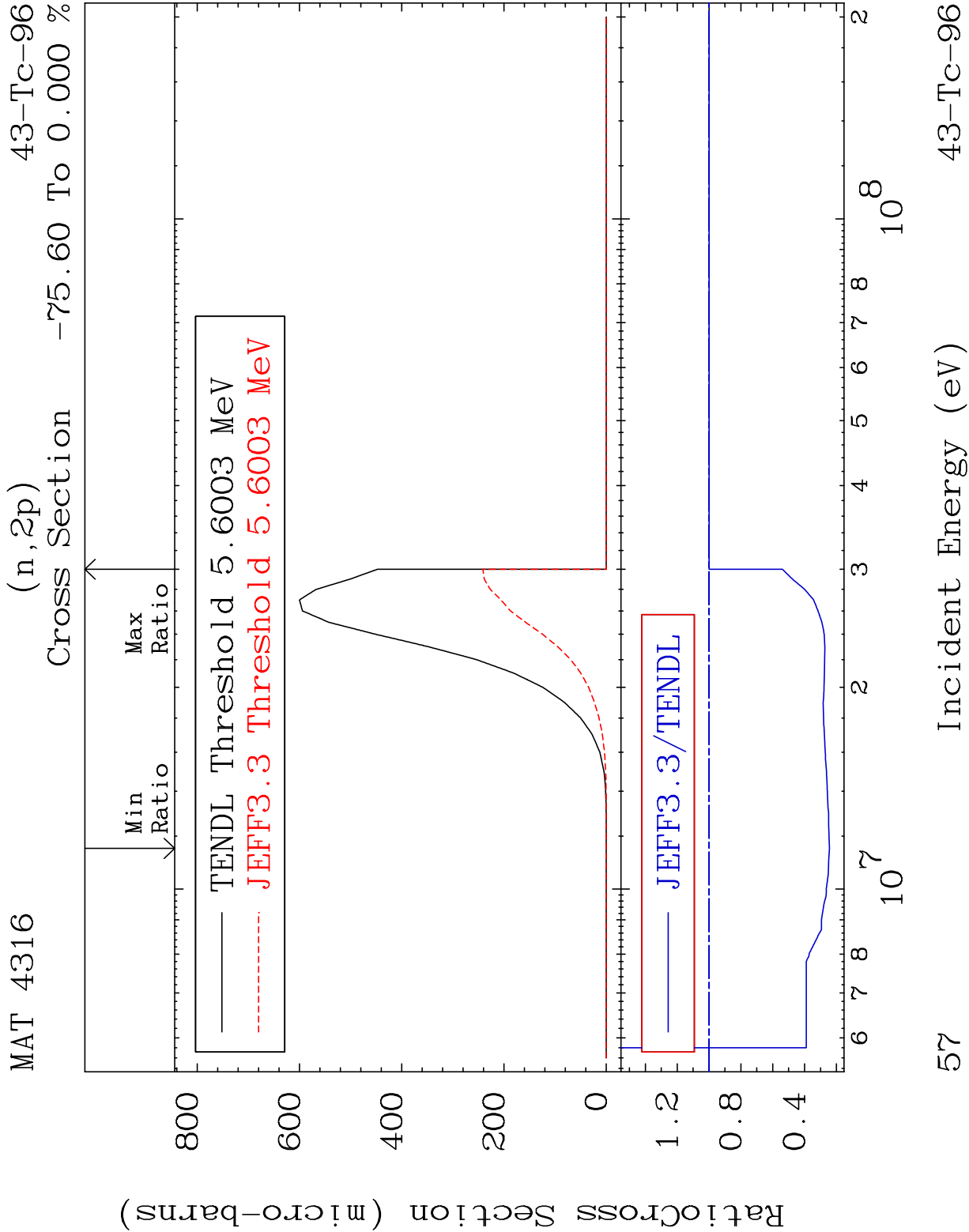


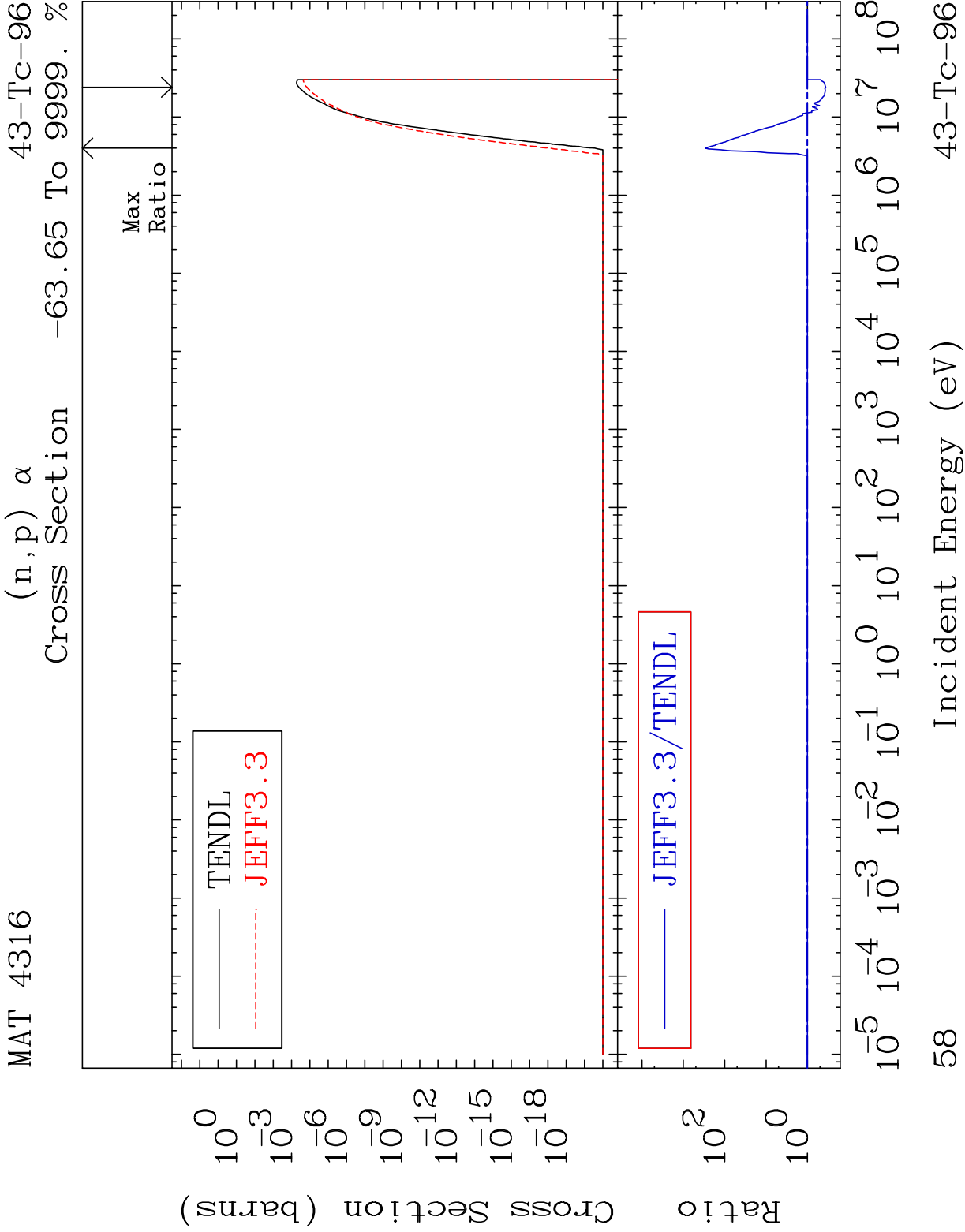
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

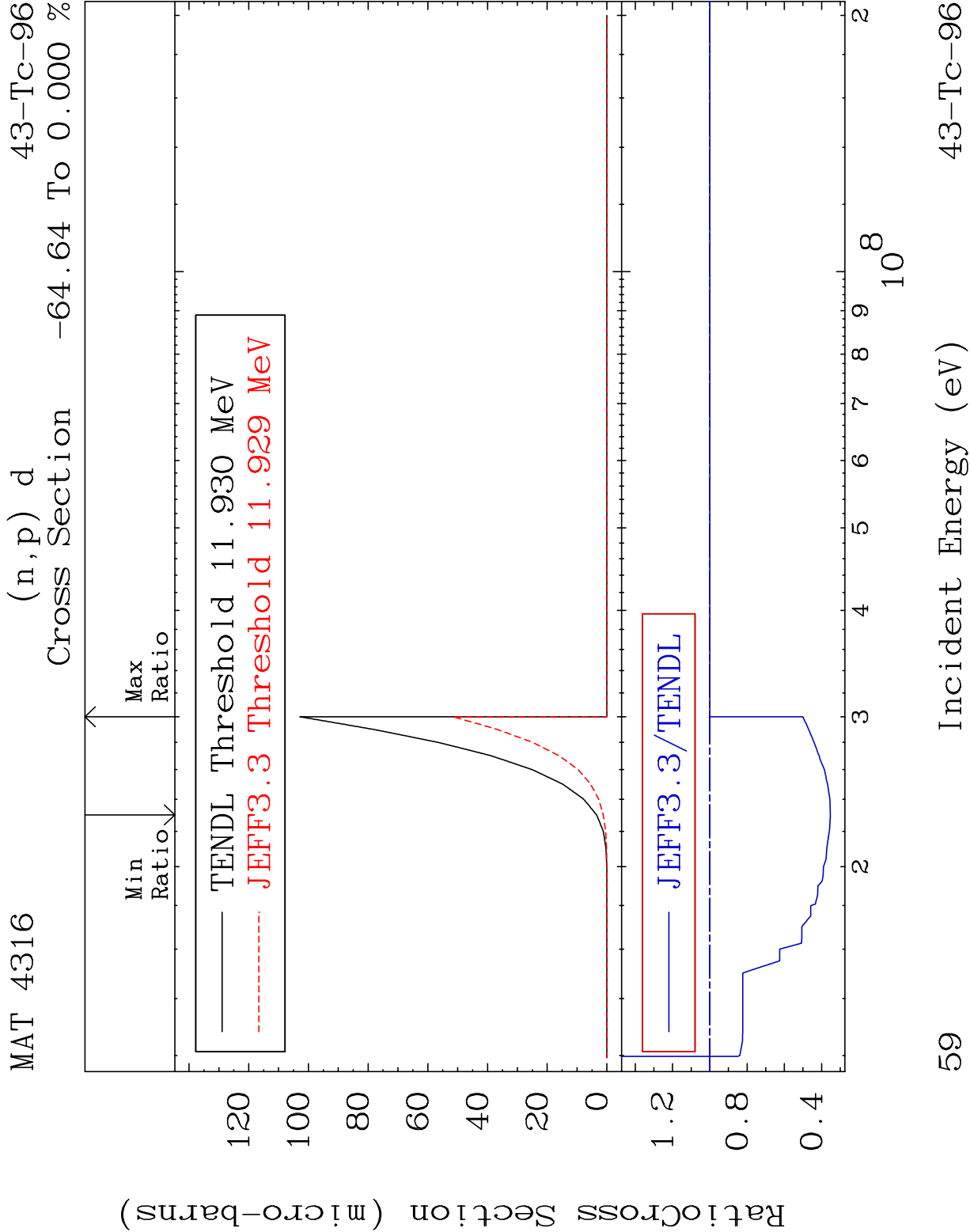
56

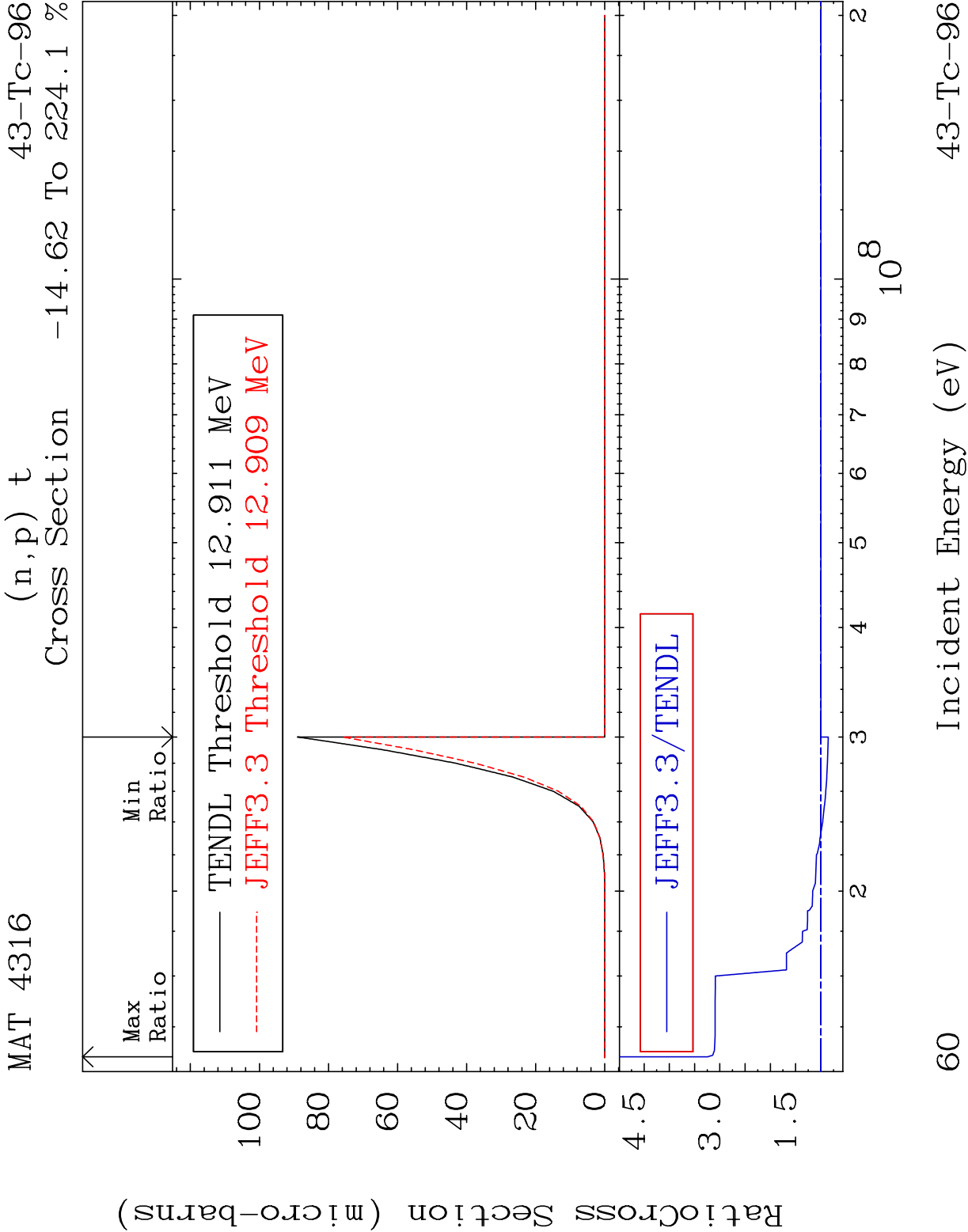
Incident Energy (eV)

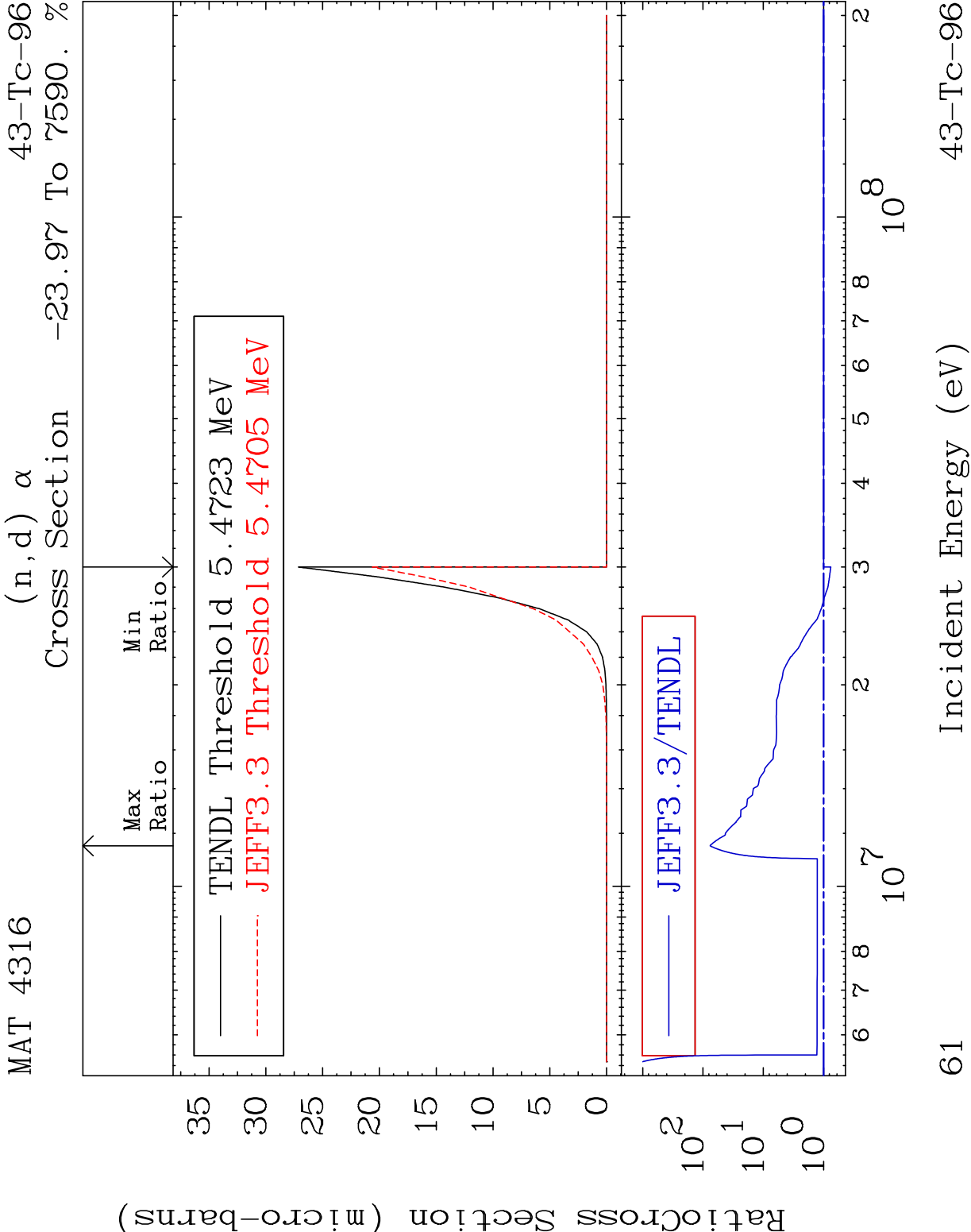
43-Tc-96



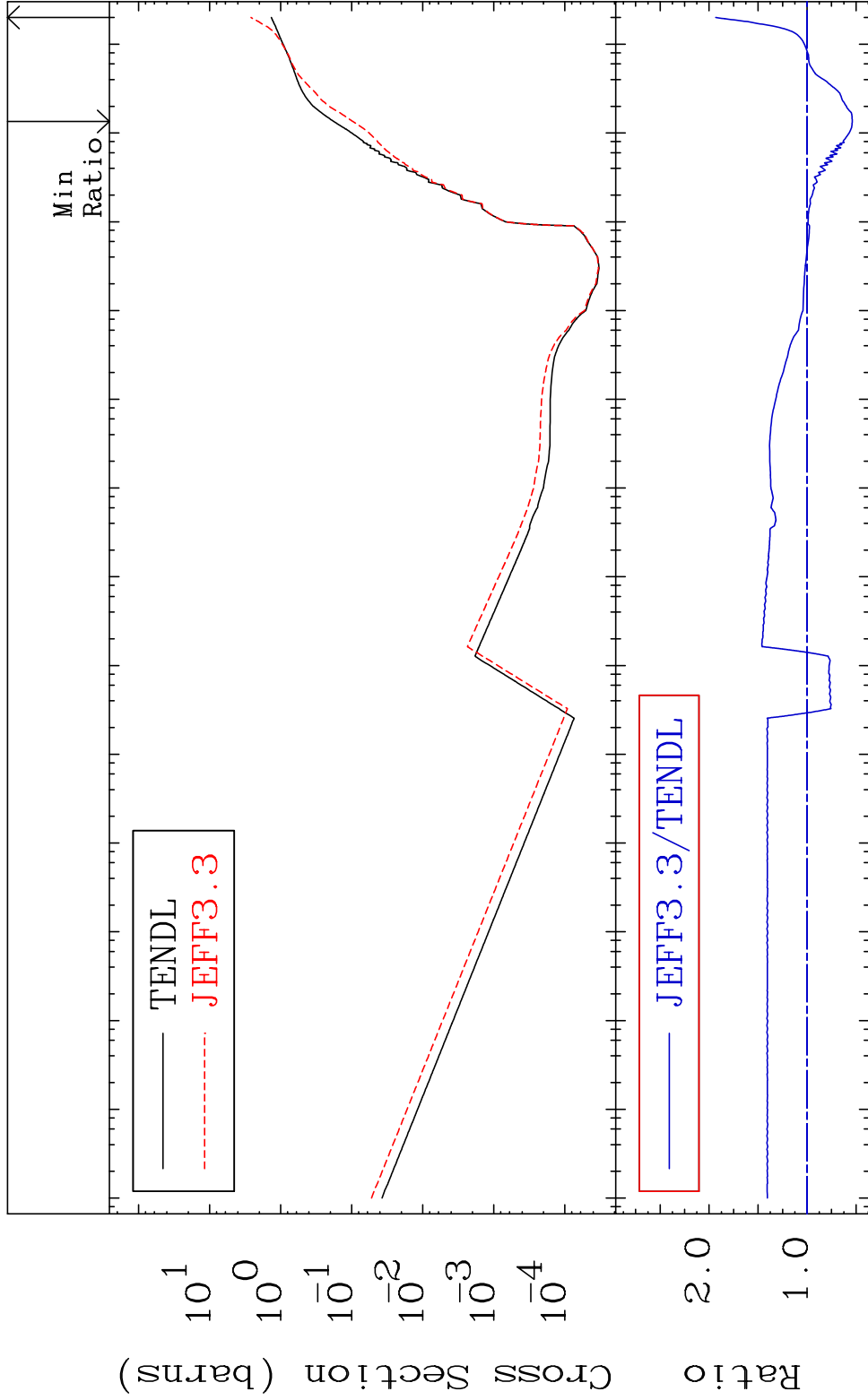




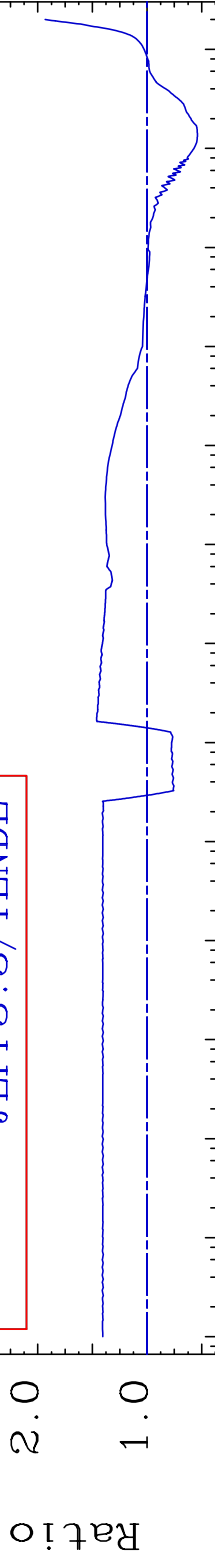




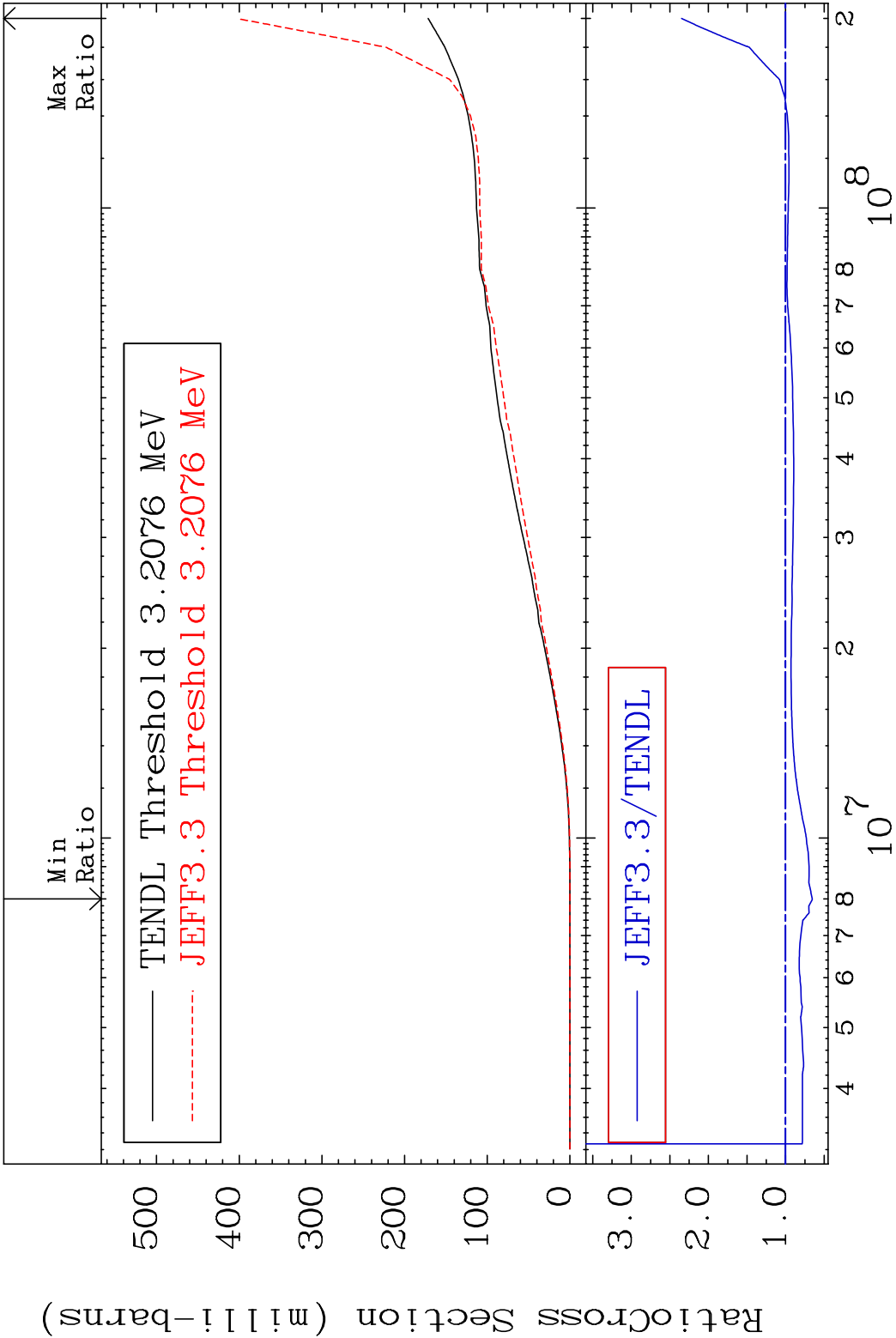
MAT 4316 Hydrogen Production 43-Tc-96
Cross Section -46.10 To 93.32 %

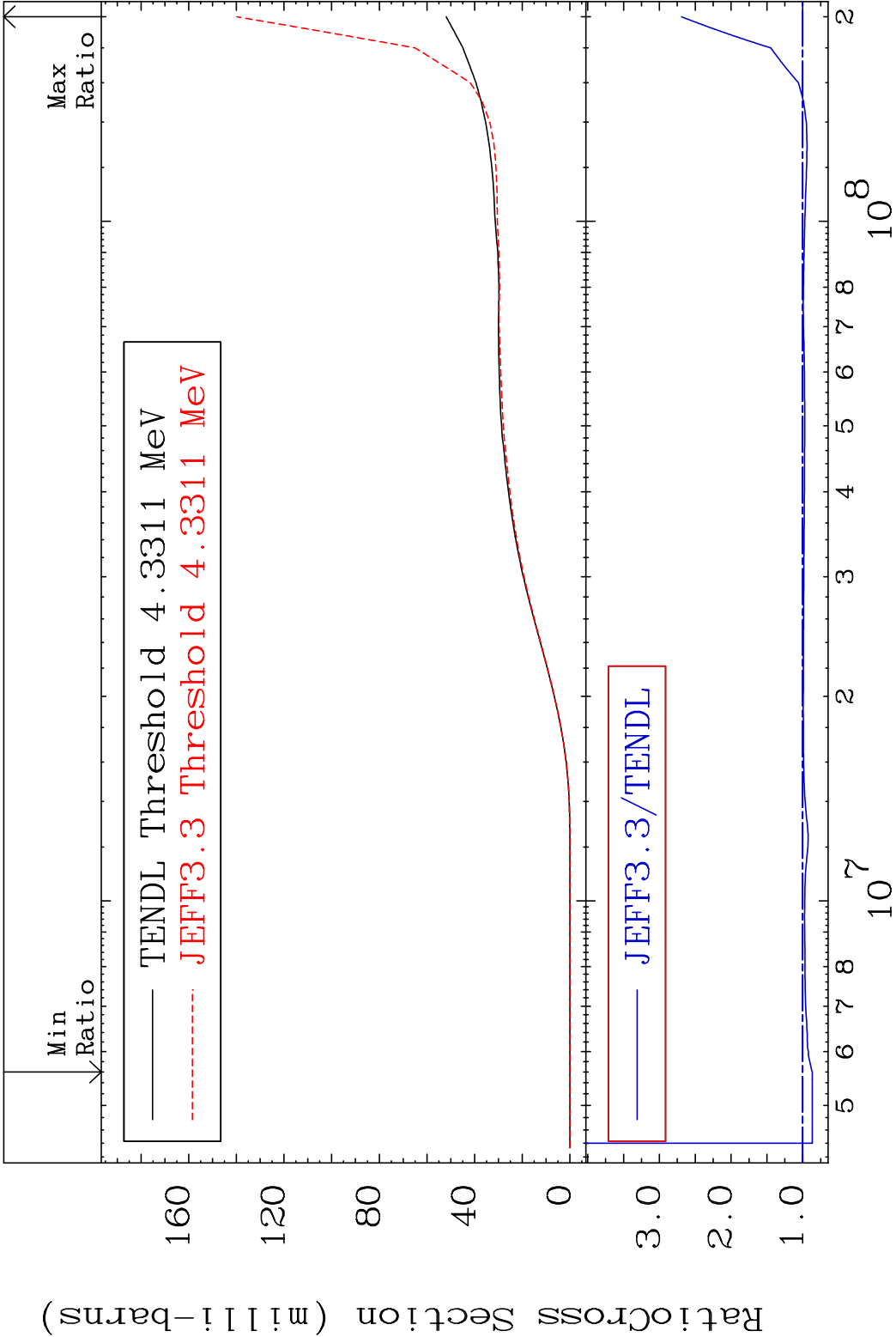


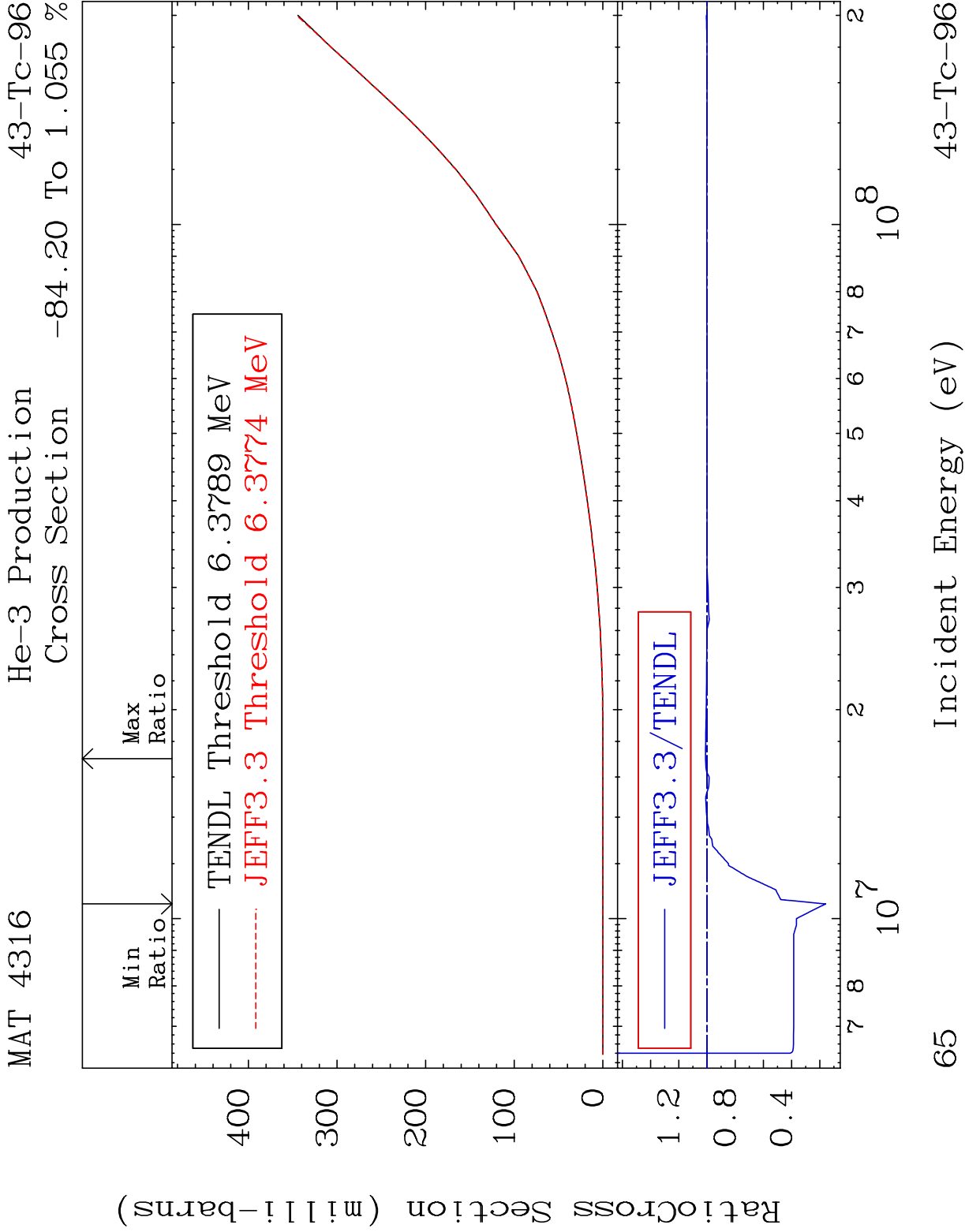
JEFF3.3/TENDL

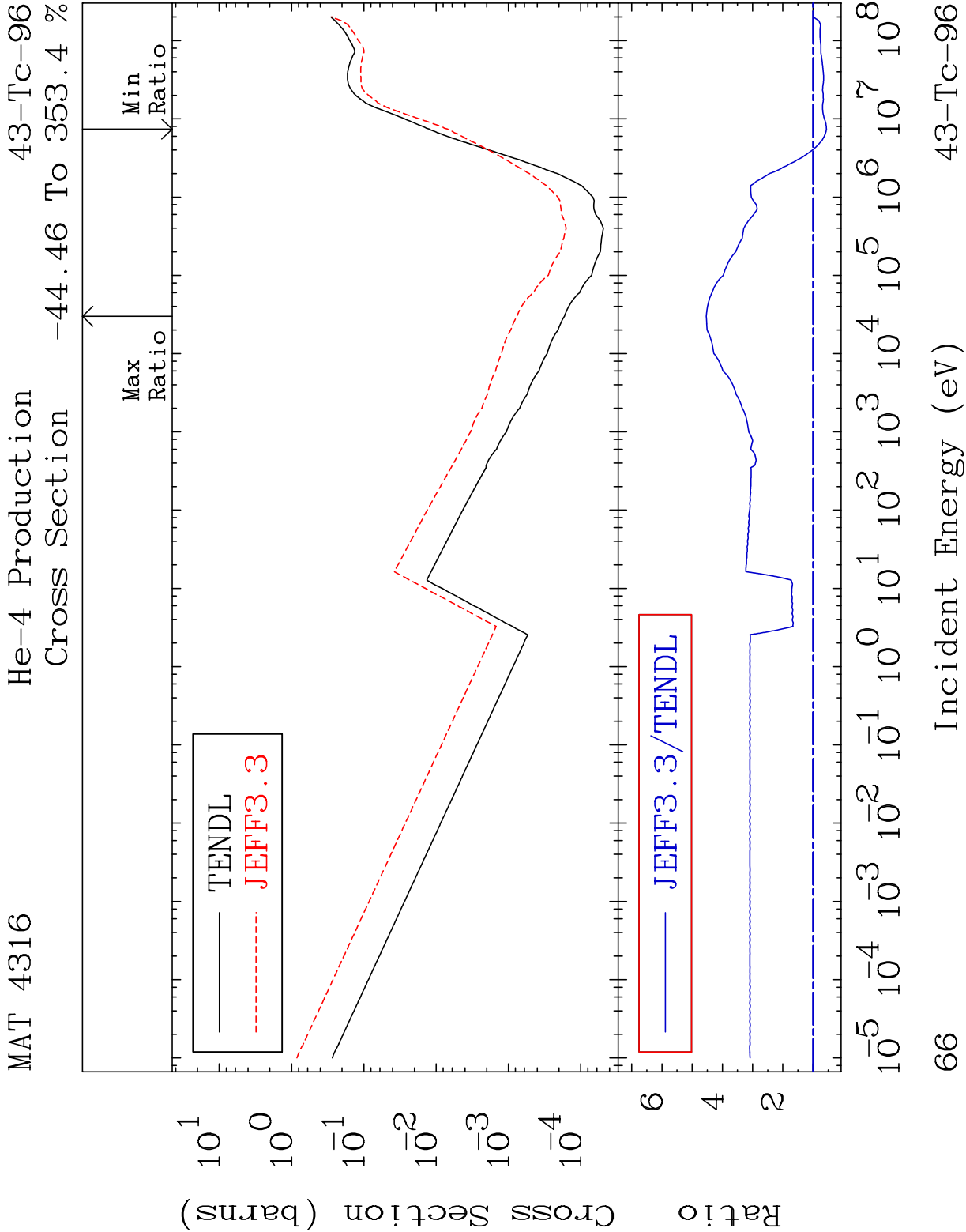


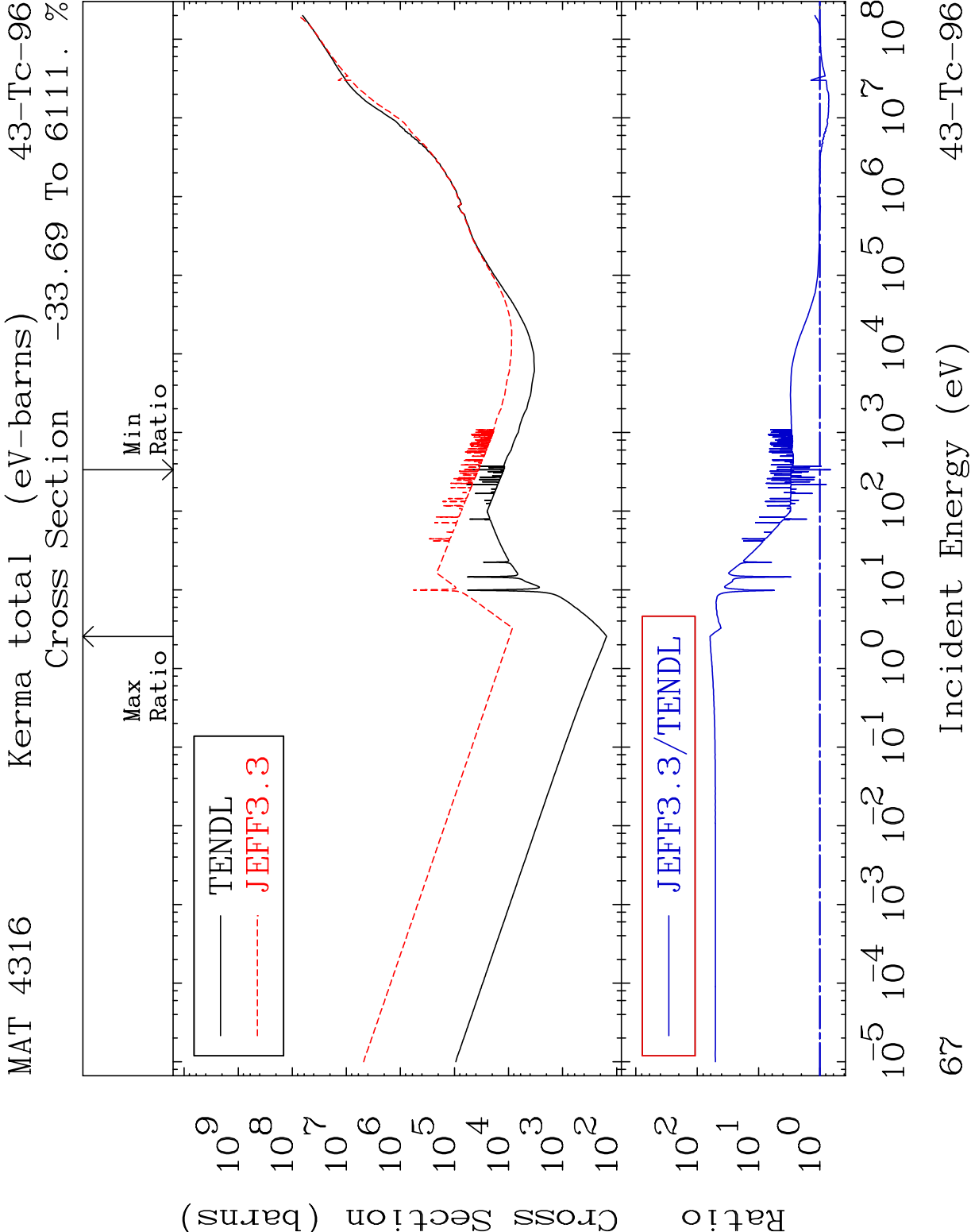
62 Incident Energy (eV) 43-Tc-96

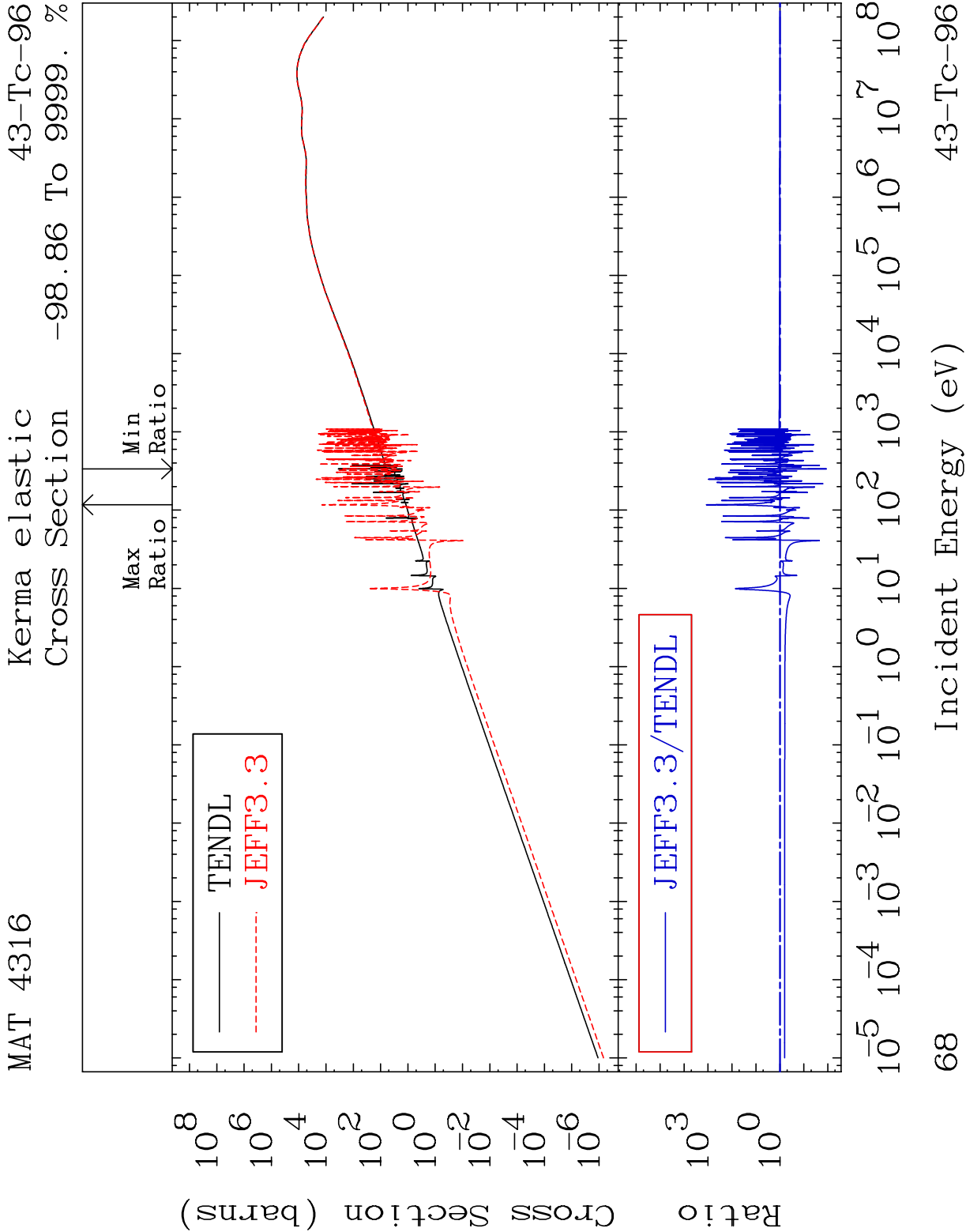




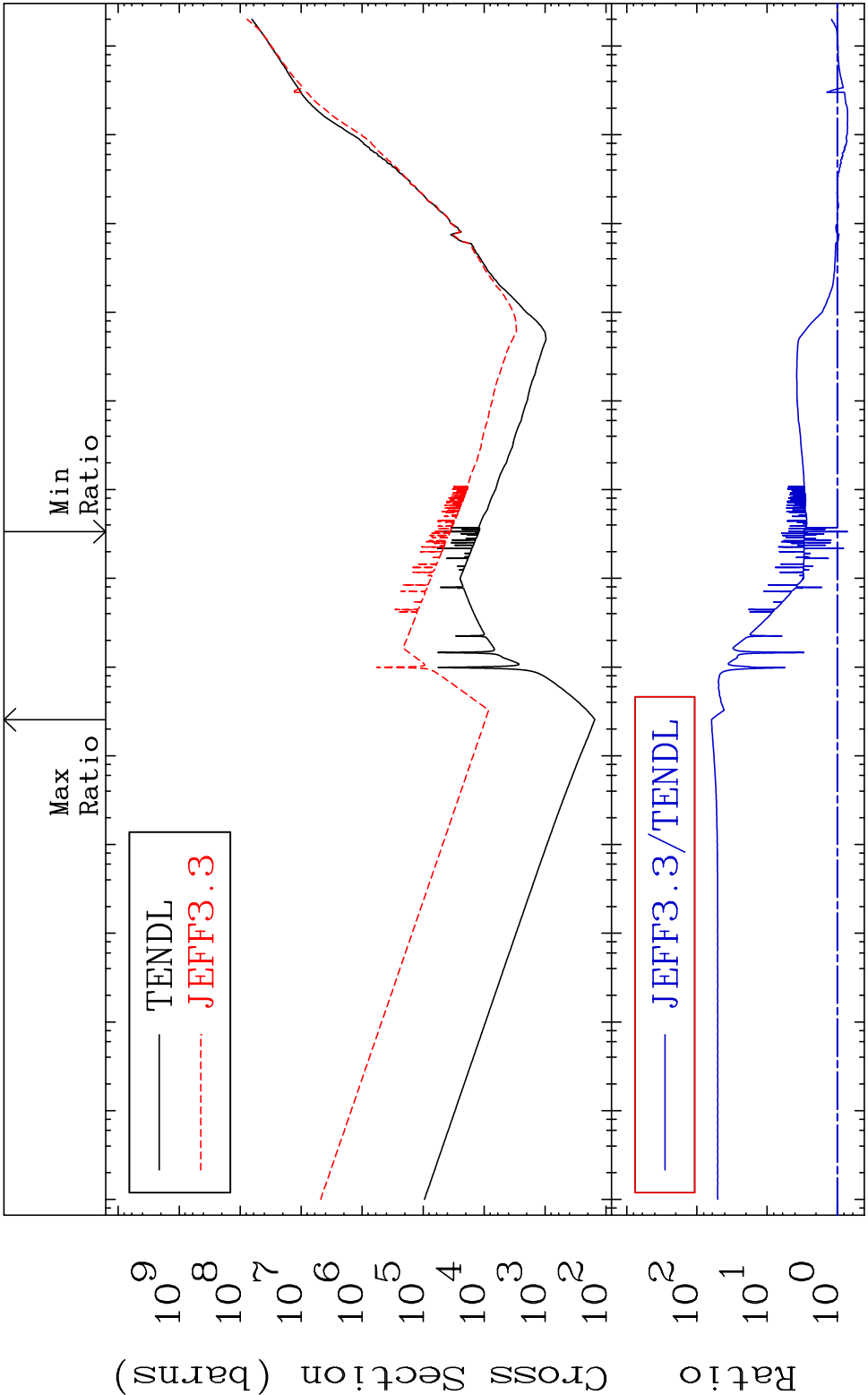






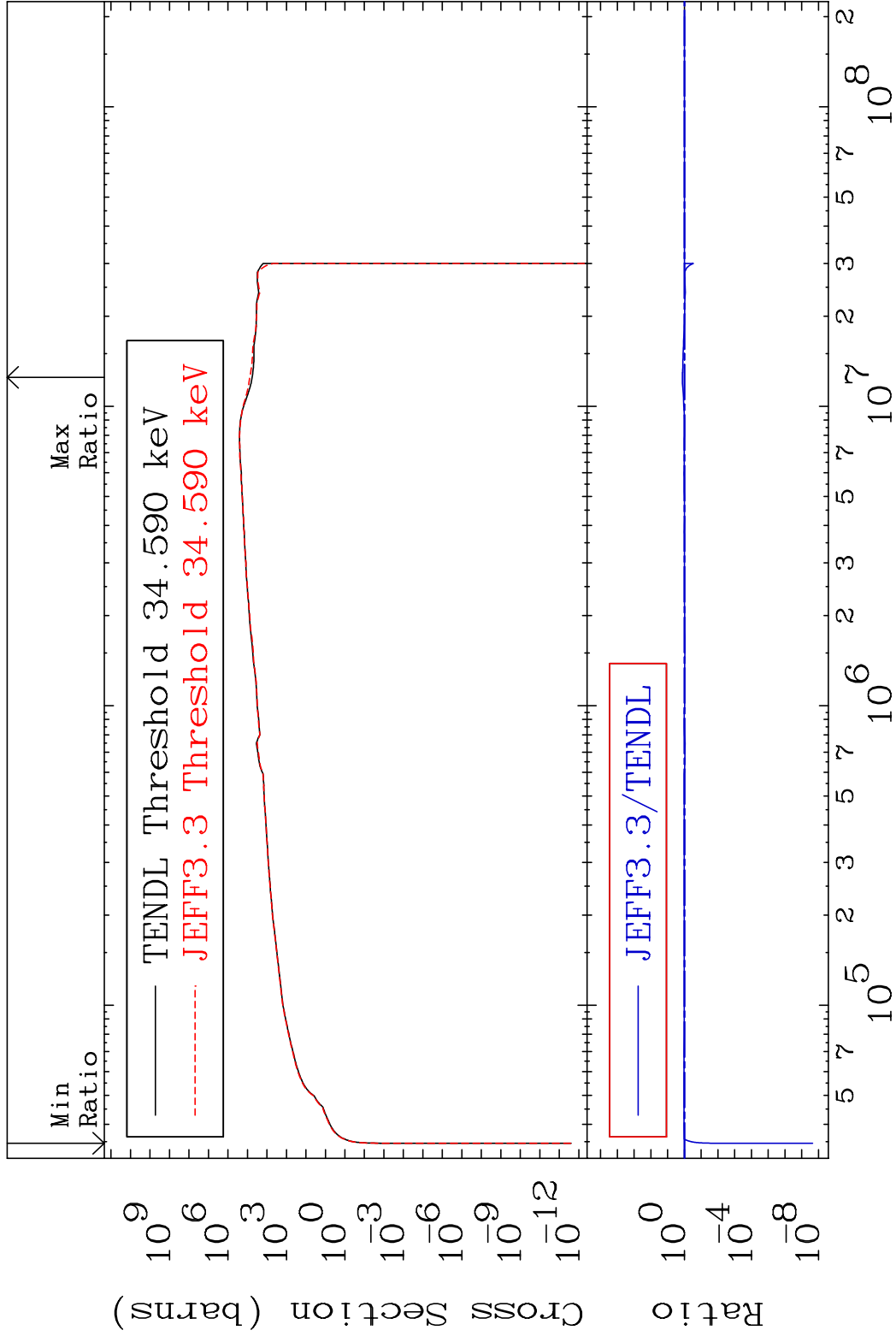


MAT 4316 Kerma non-elastic (all but mt2) 43-Tc-96
 Cross Section -29.33 To 6122. %



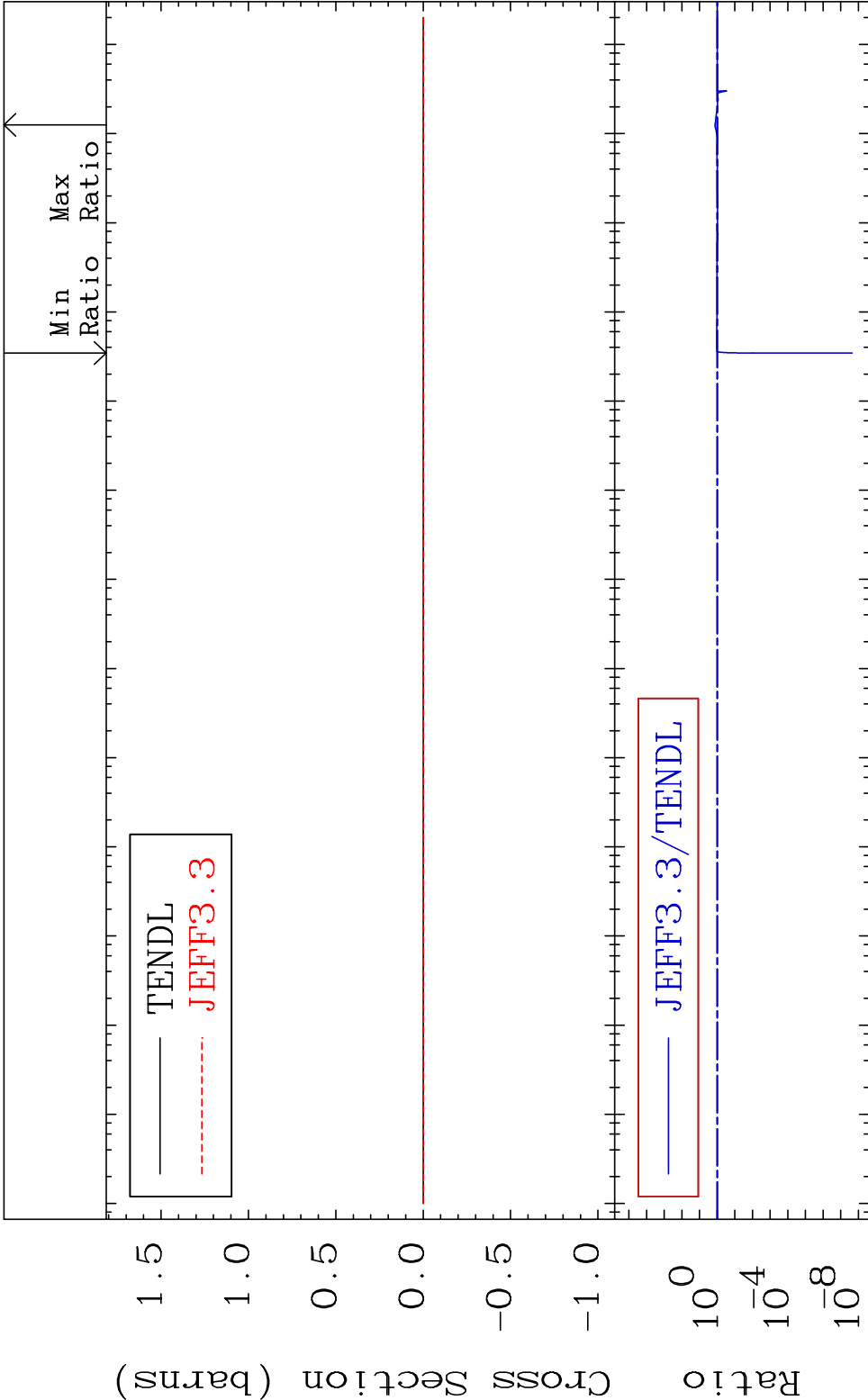
69 Incident Energy (eV) 43-Tc-96

MAT 4316 Kerma inelastic (mt51-91) 43-Tc-96
Cross Section -100.0 To 32.11 %

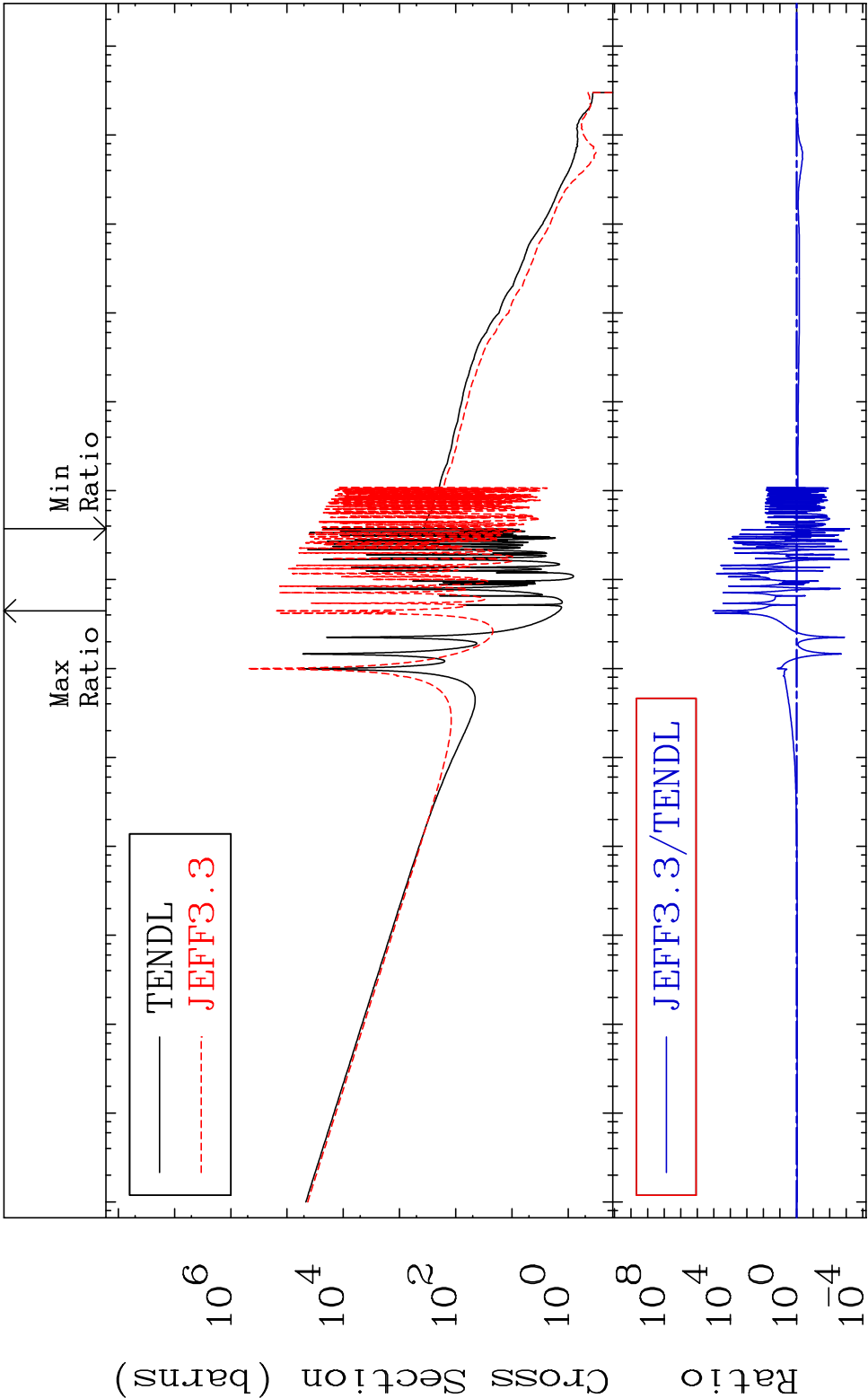


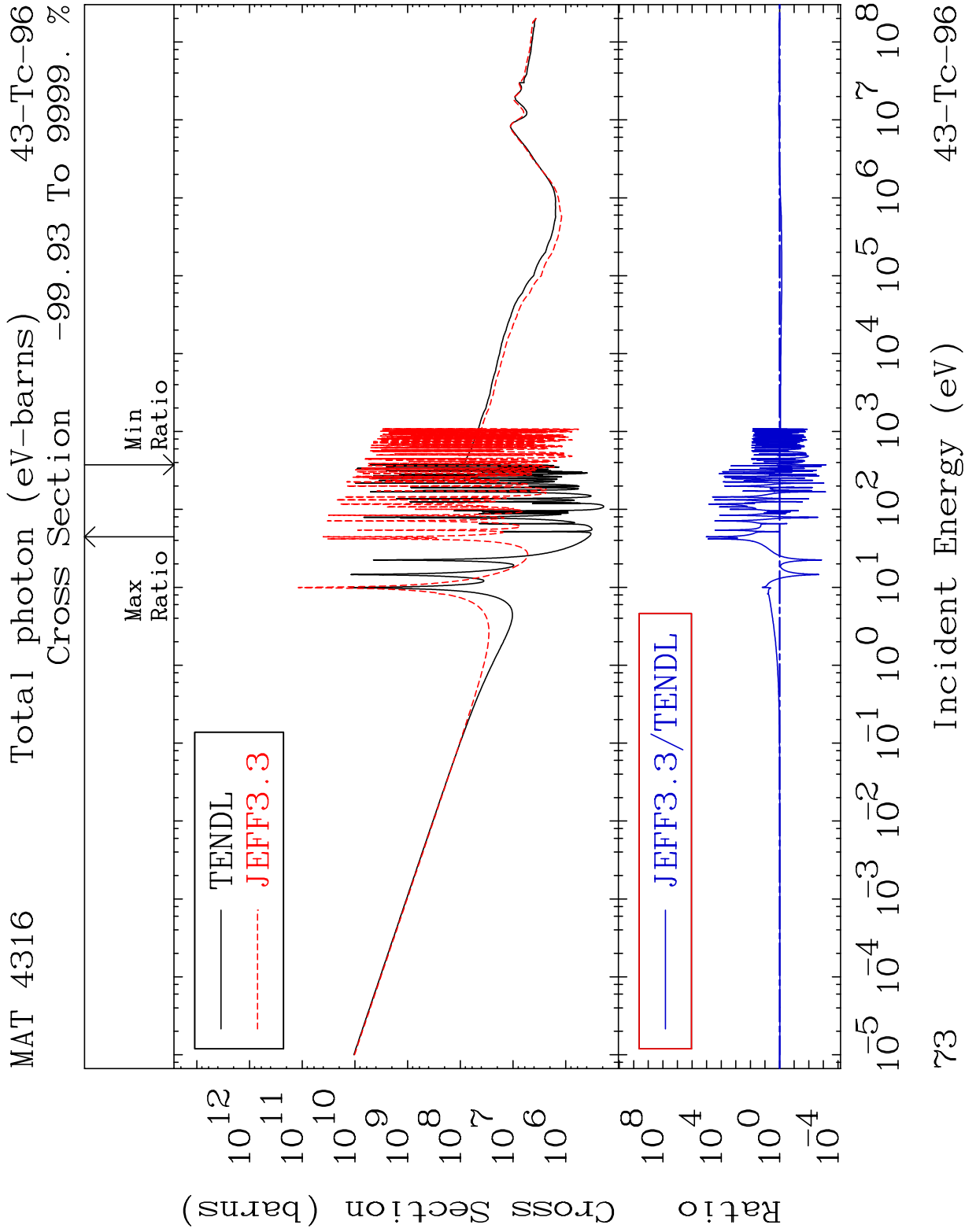
70 Incident Energy (eV) 43-Tc-96

MAT 4316Kerma fission (mt18 or mt19-20-21-38) 43-Tc-96
Cross Section -100.0 To 32.11 %

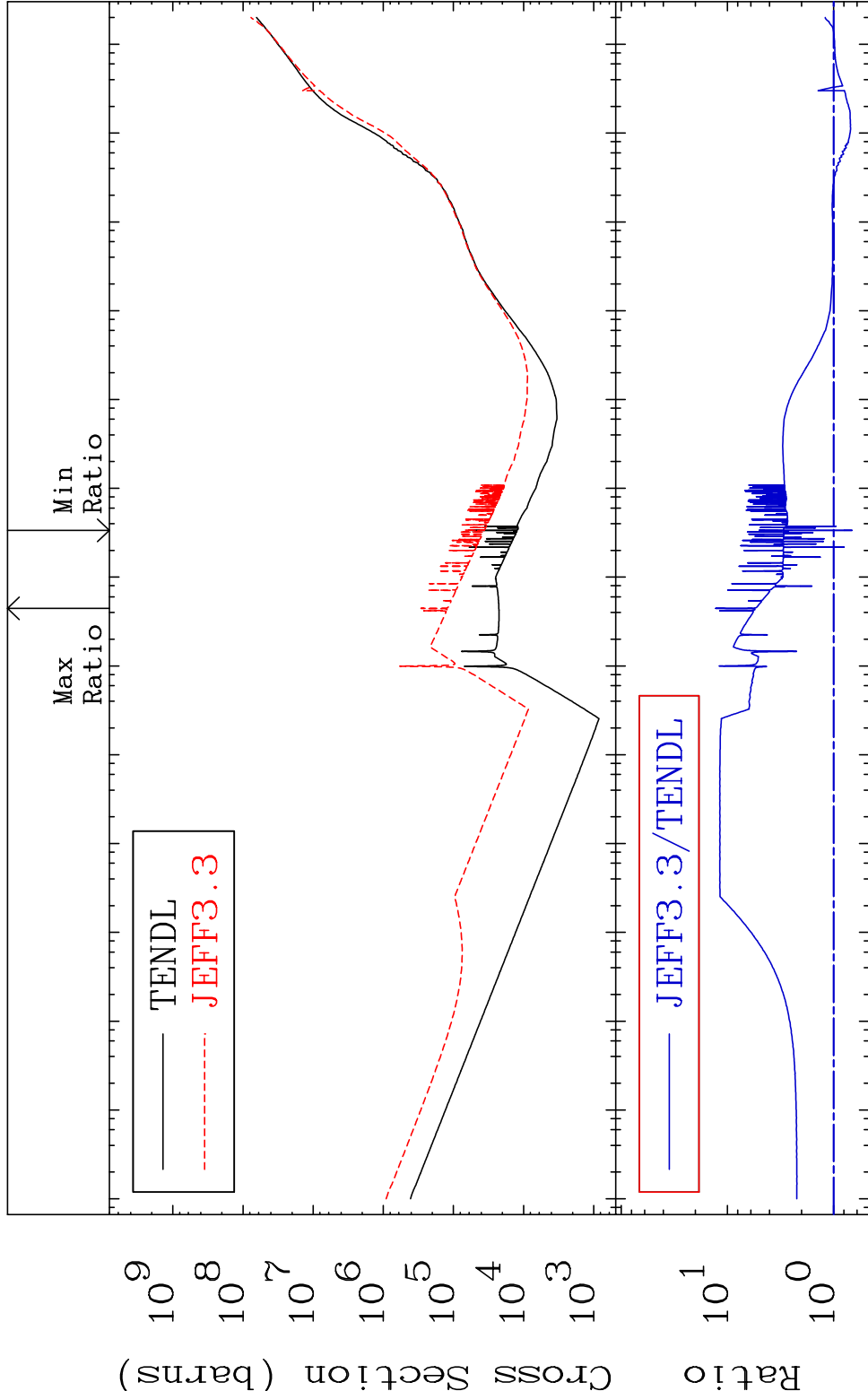


71 43-Tc-96



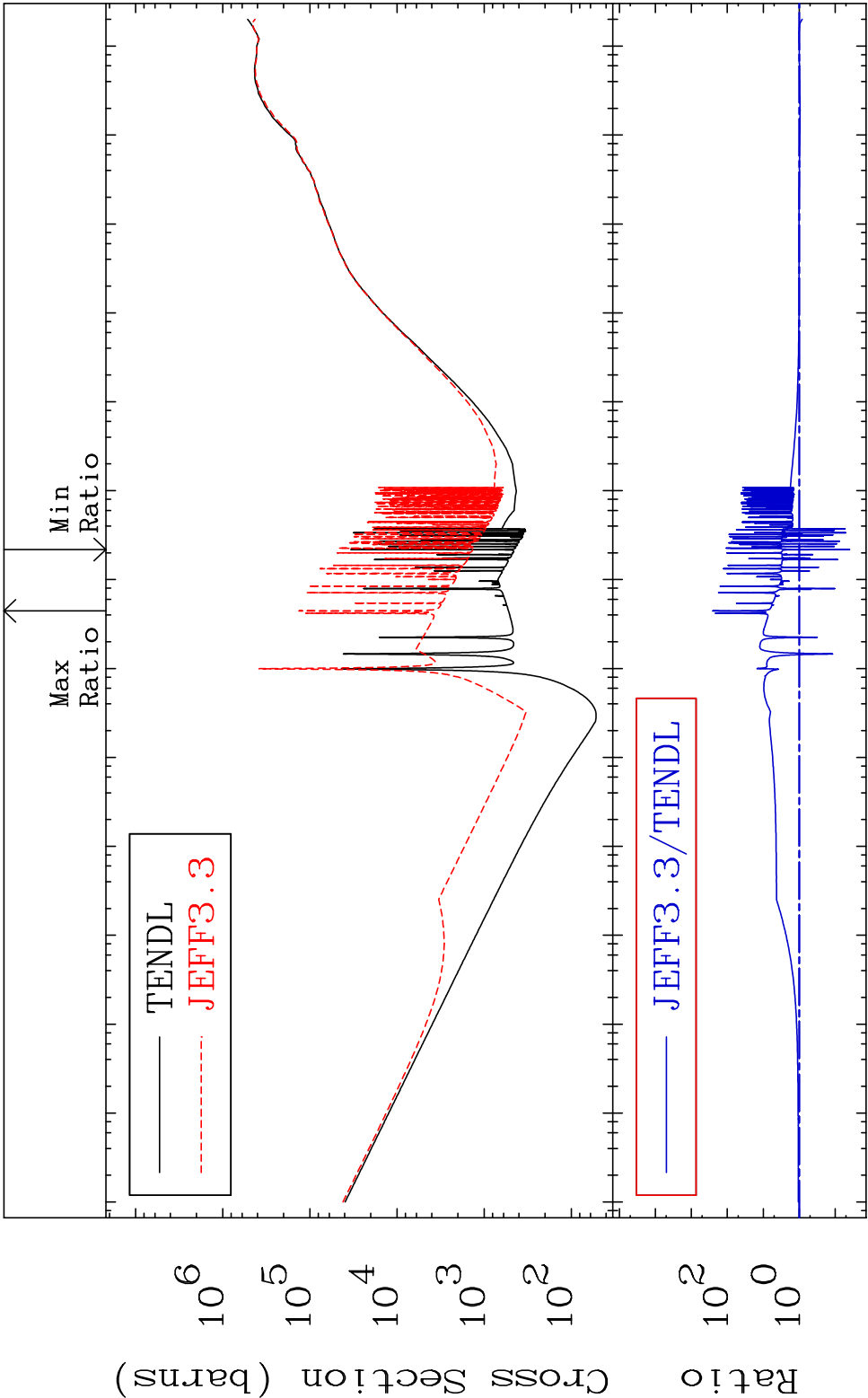


MAT 4316 Total kinematic kerma (high limit) 43-Tc-96
Cross Section -33.29 To 1188. %



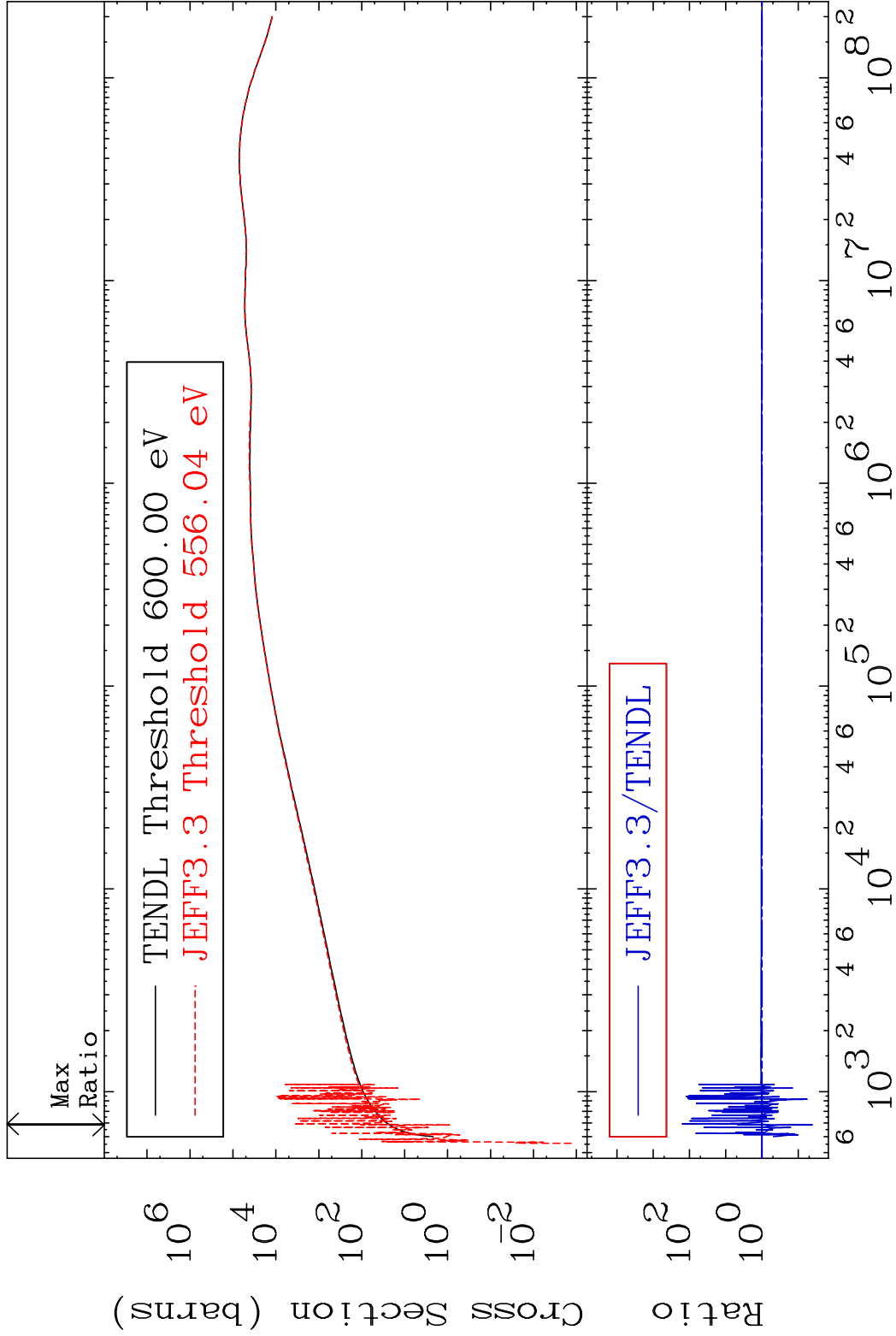
74 Incident Energy (eV) 43-Tc-96

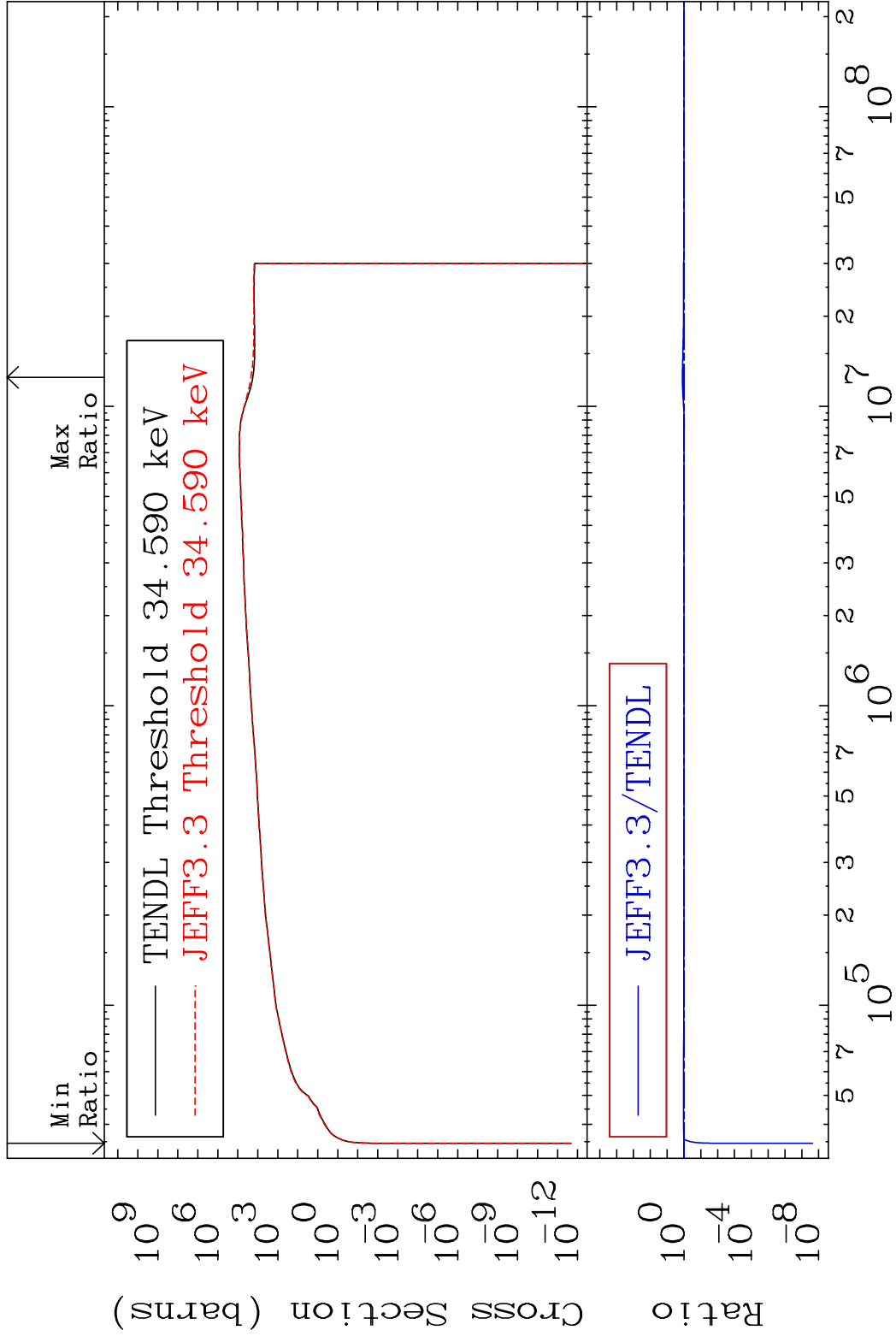
MAT 4316 Dpa total (eV-barns) 43-Tc-96
 Cross Section -96.00 To 9999. %



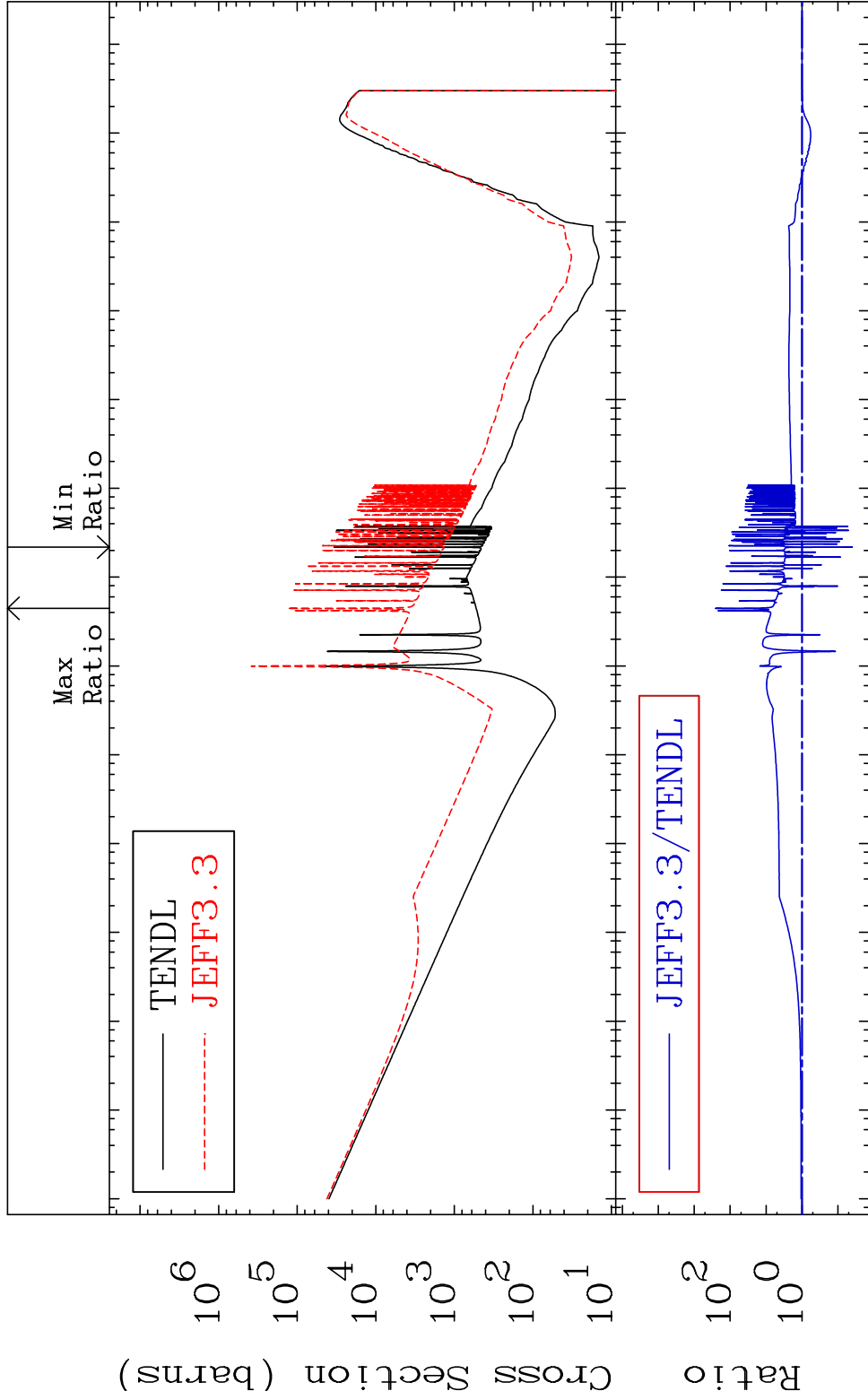
75 Incident Energy (eV) 43-Tc-96

MAT 4316 Dpa elastic (mt2) 43-Tc-96
Cross Section -95.97 To 9999. %

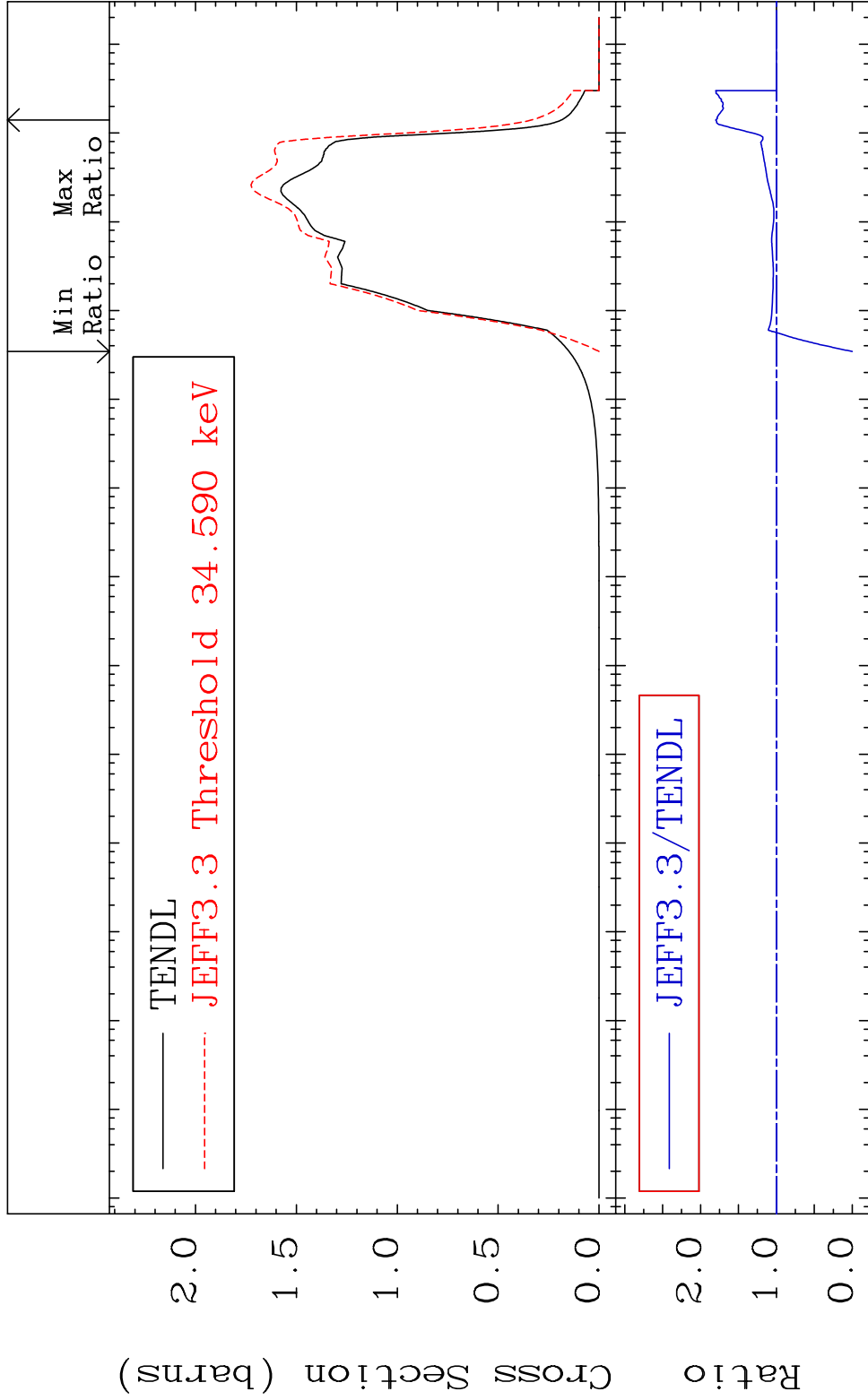


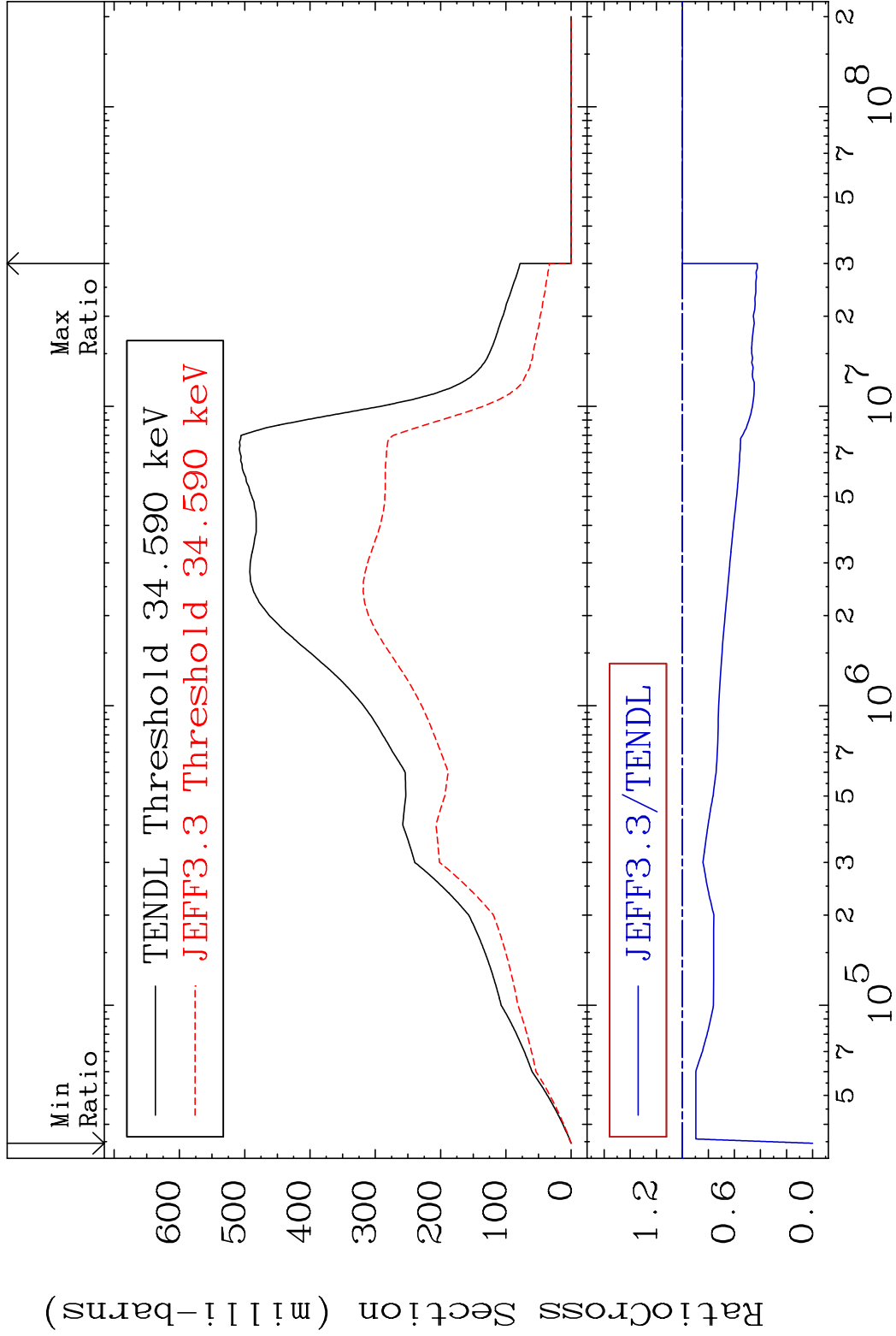


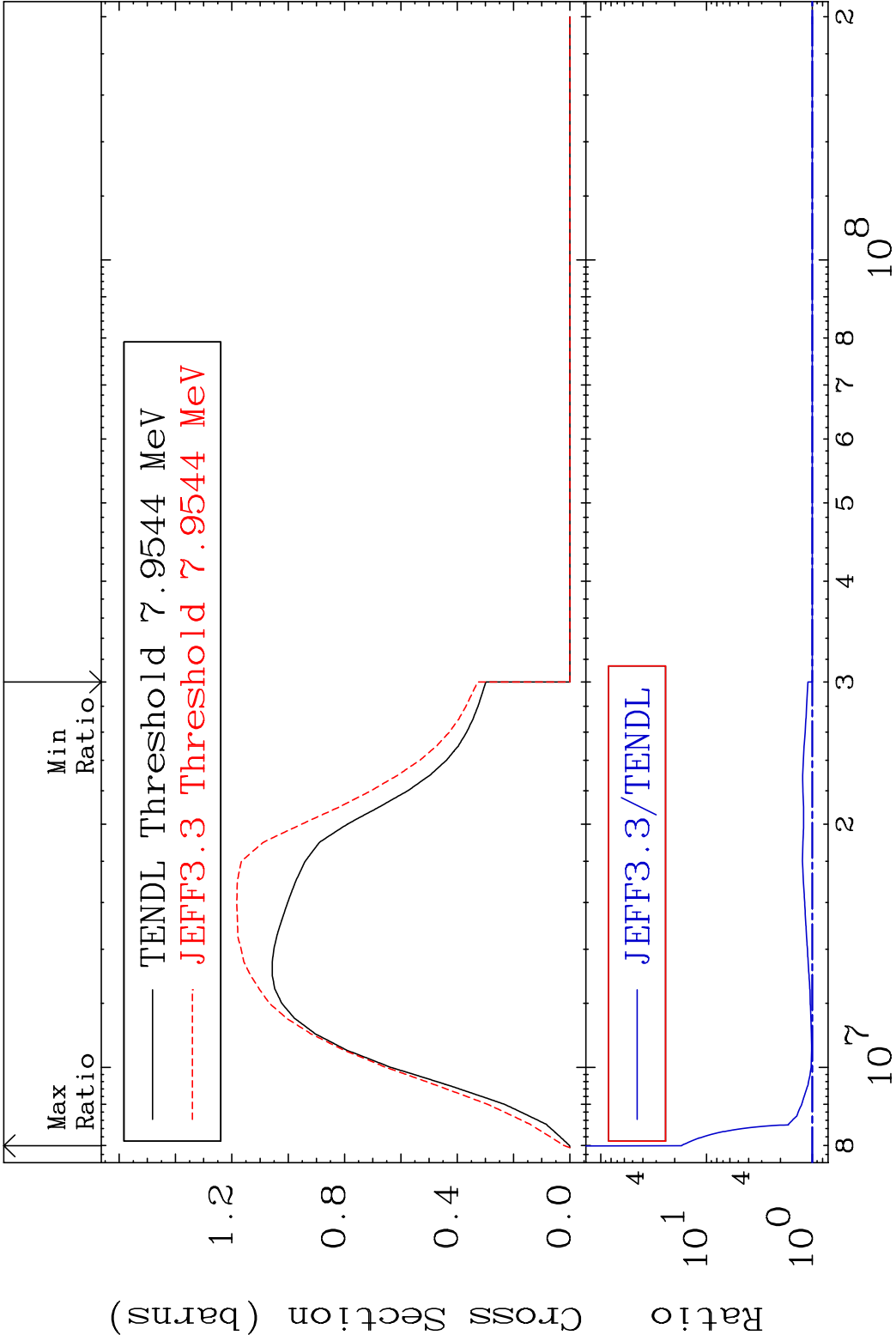
MAT 4316 Dpa disappearance (mt102 -120) 43-Tc-96
Cross Section -96.00 To 9999. %

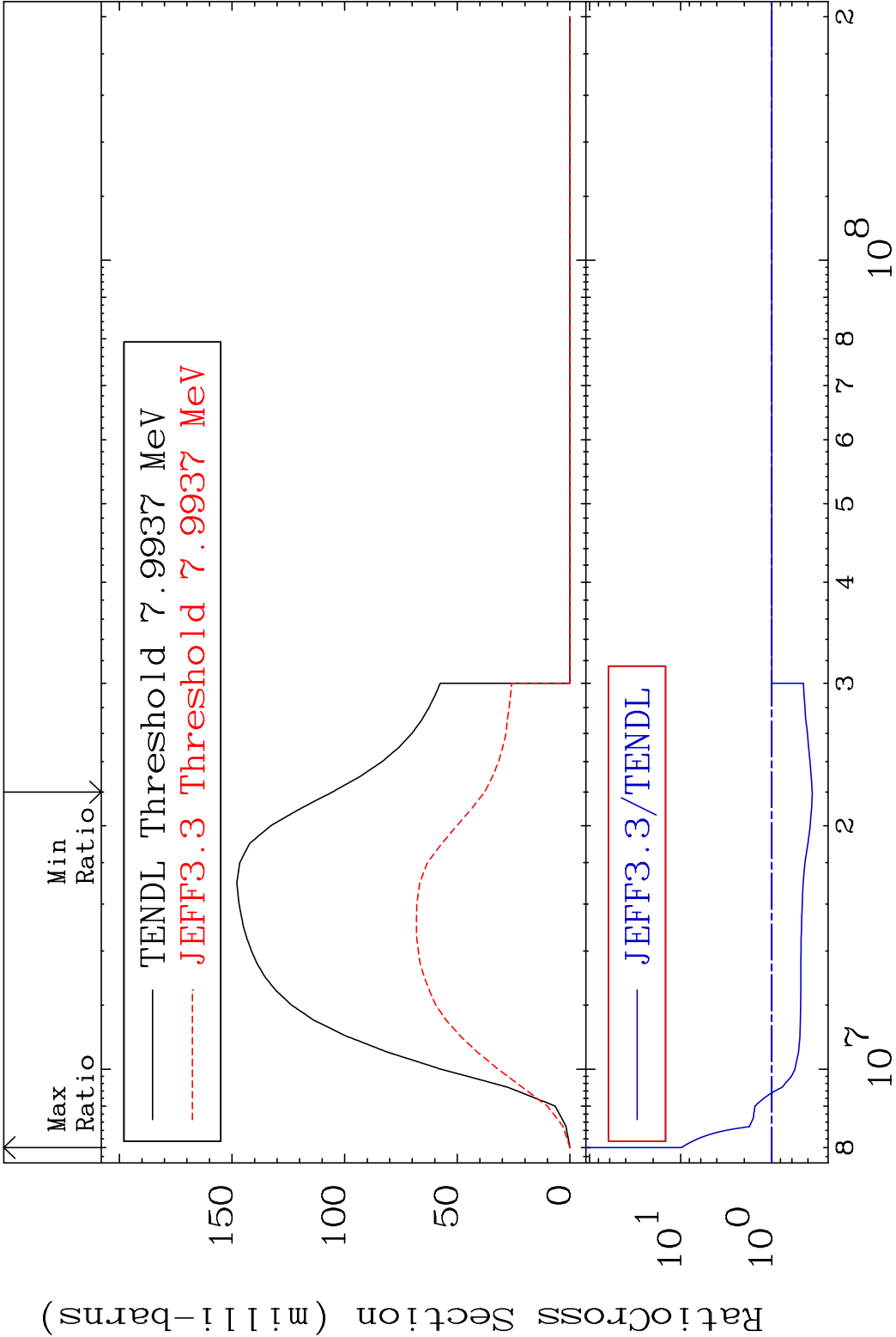


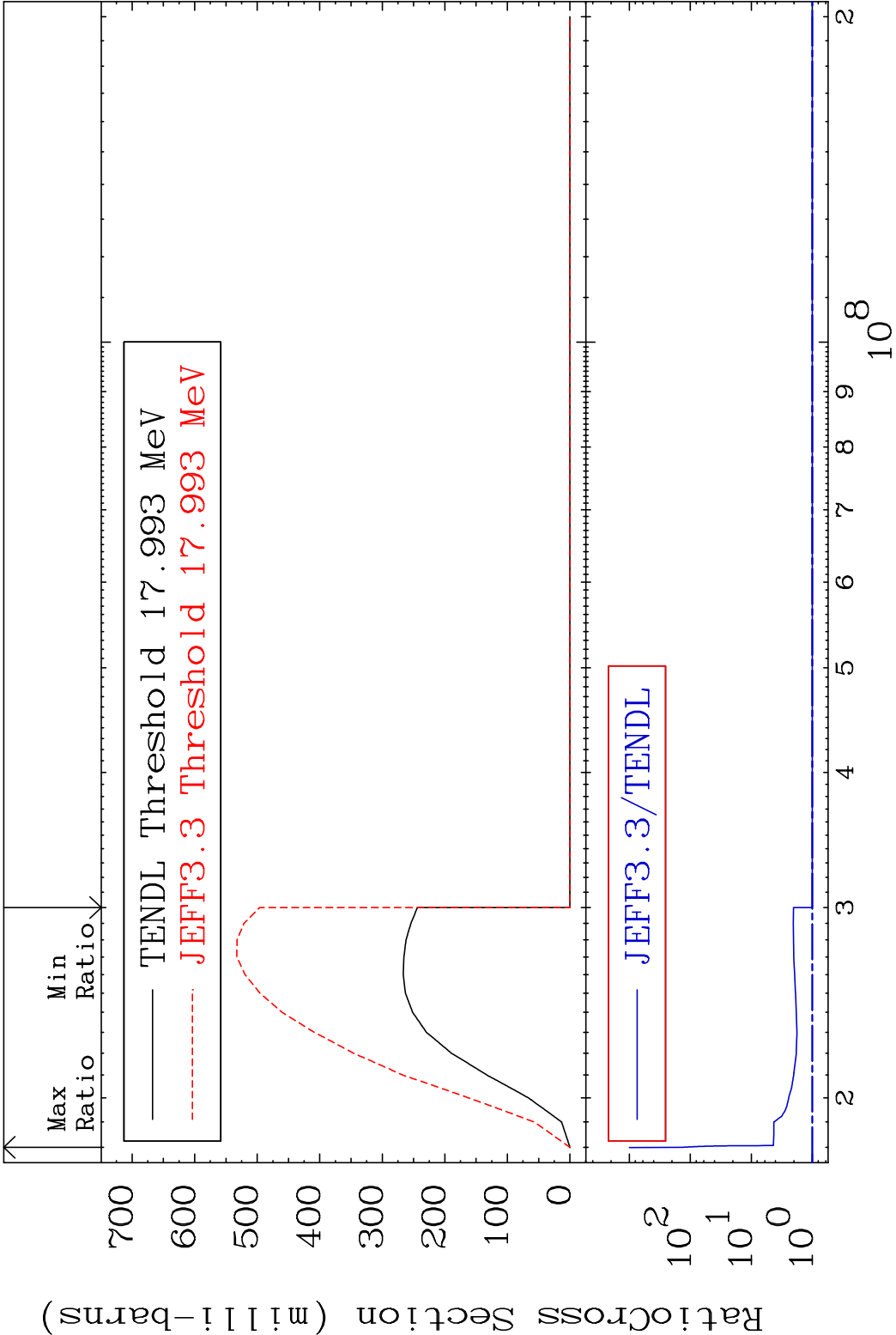
78 Incident Energy (eV) 43-Tc-96



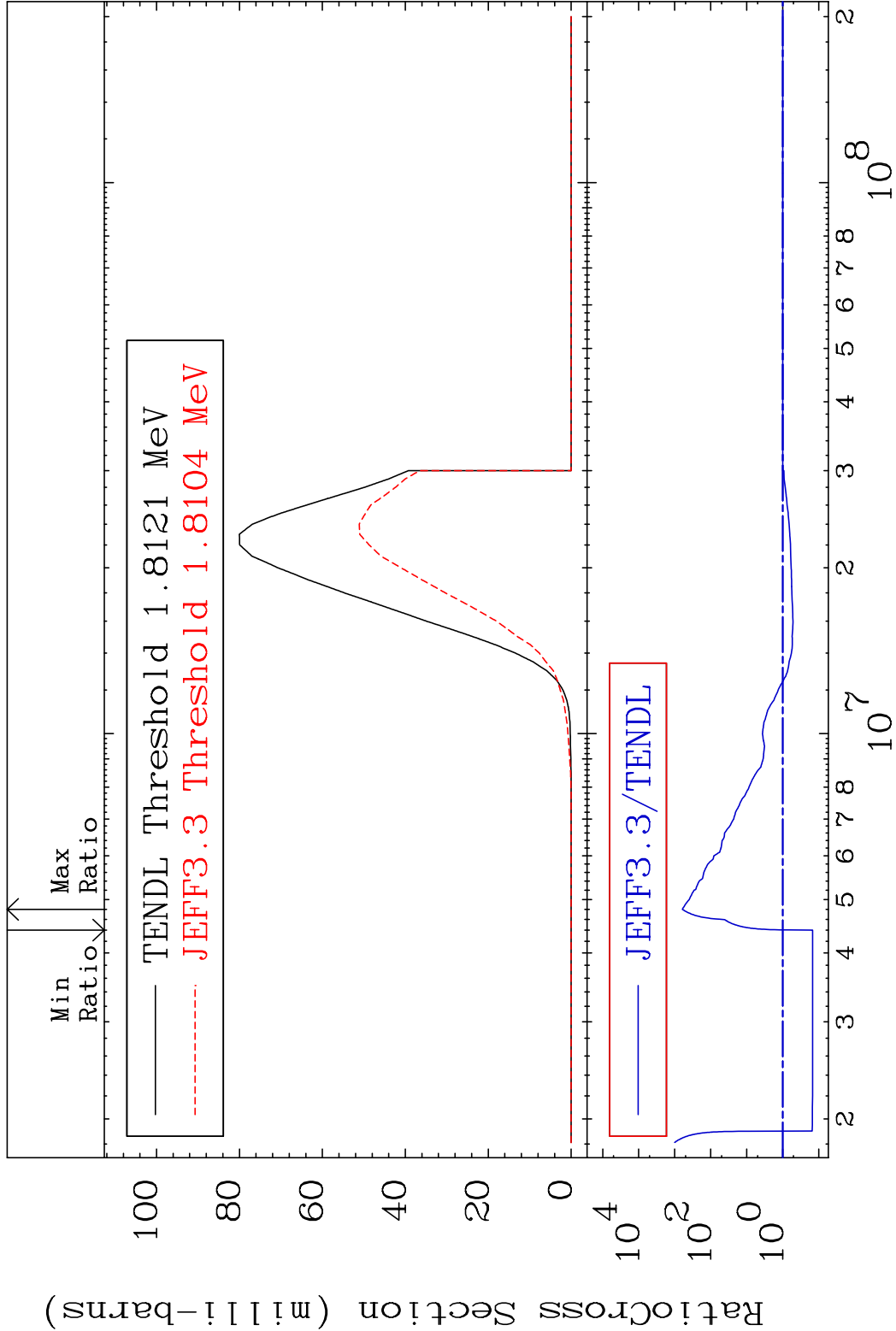


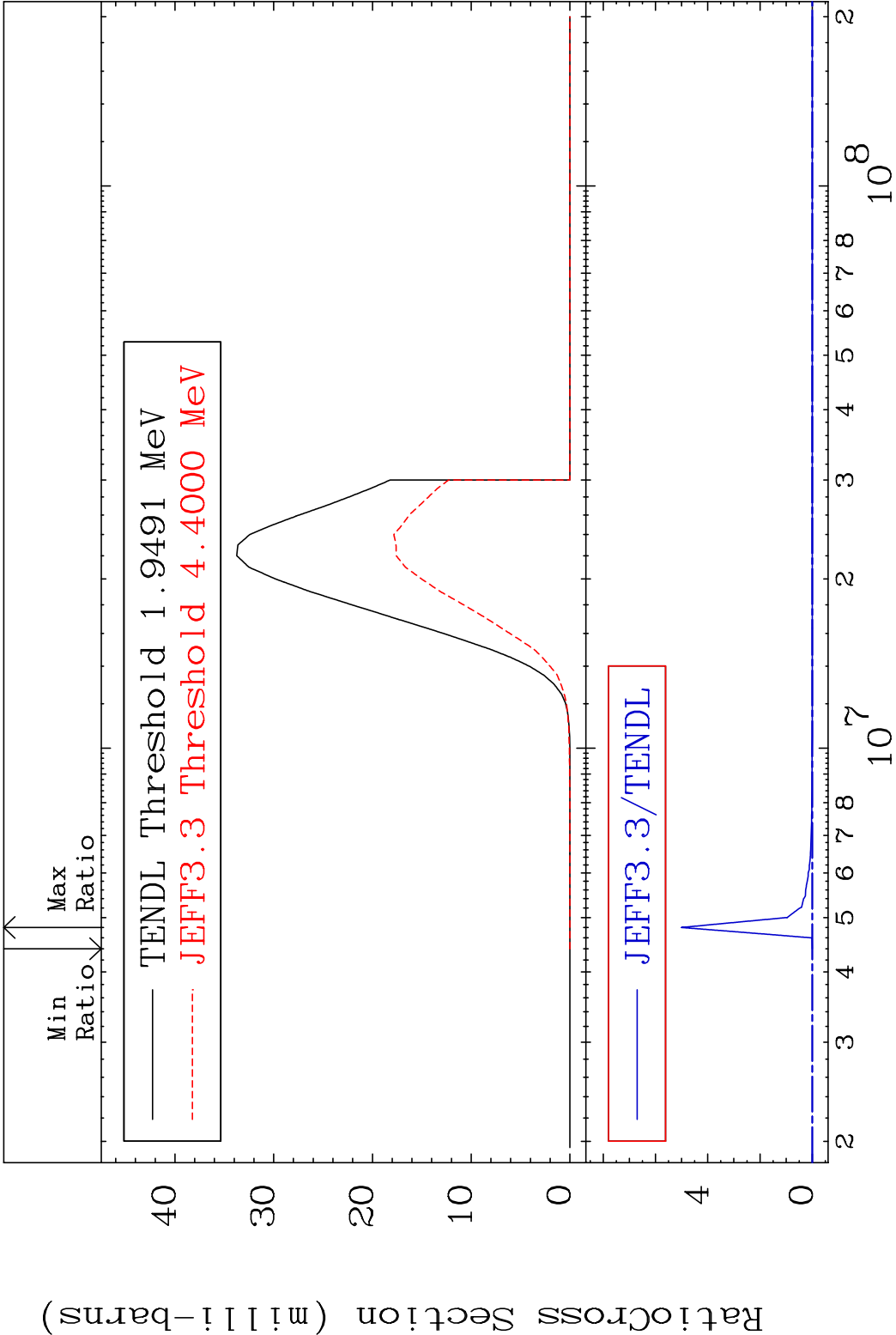


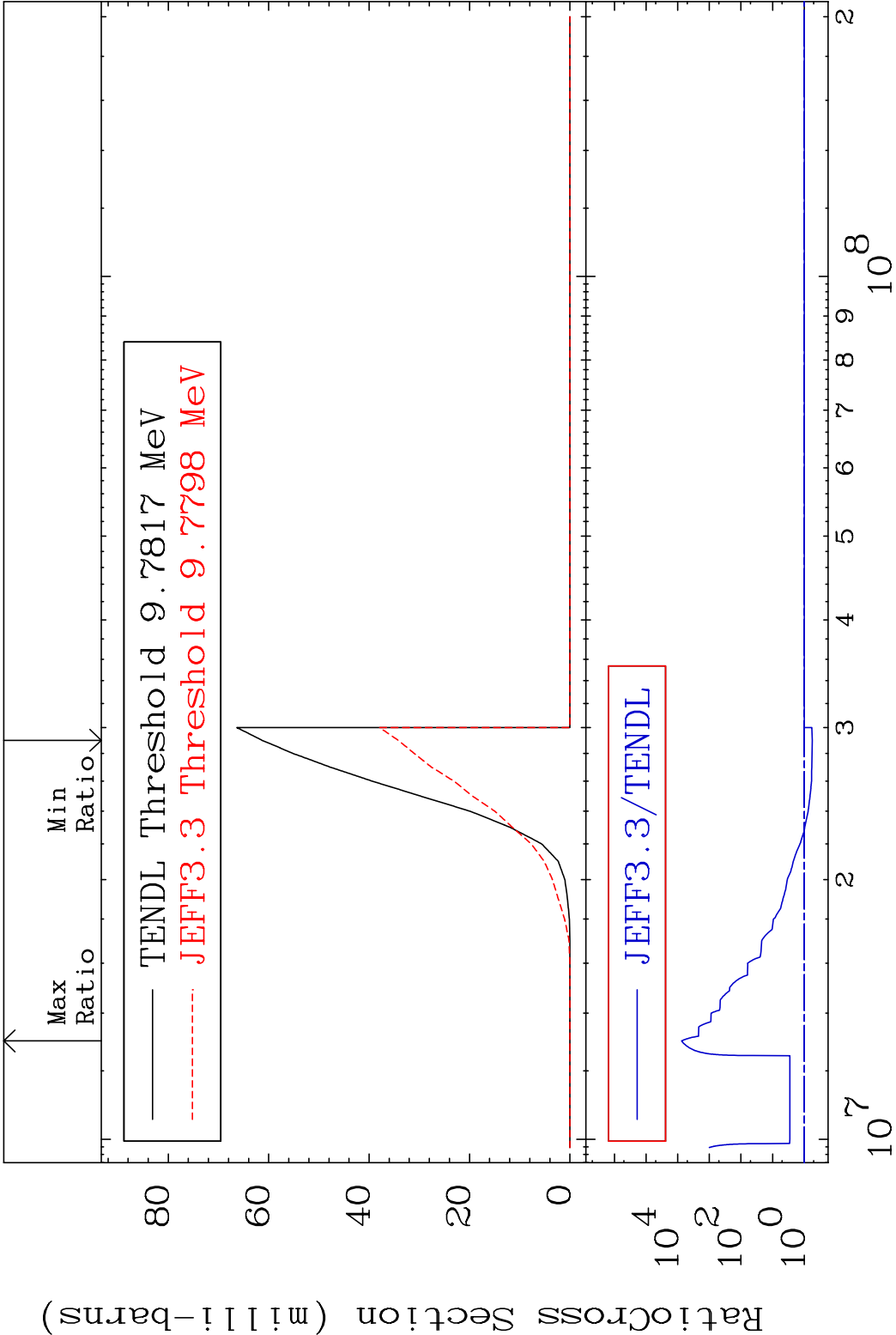


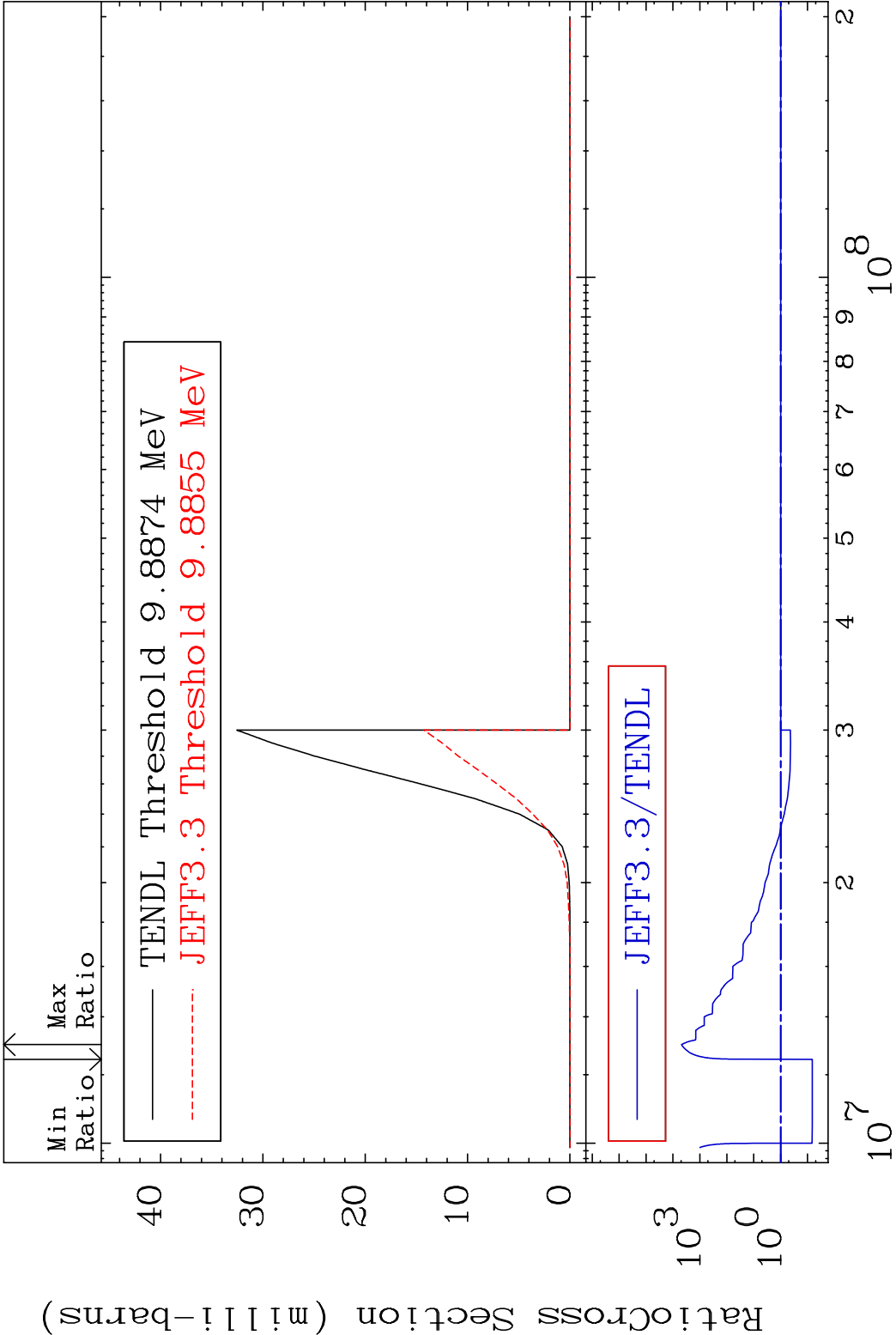


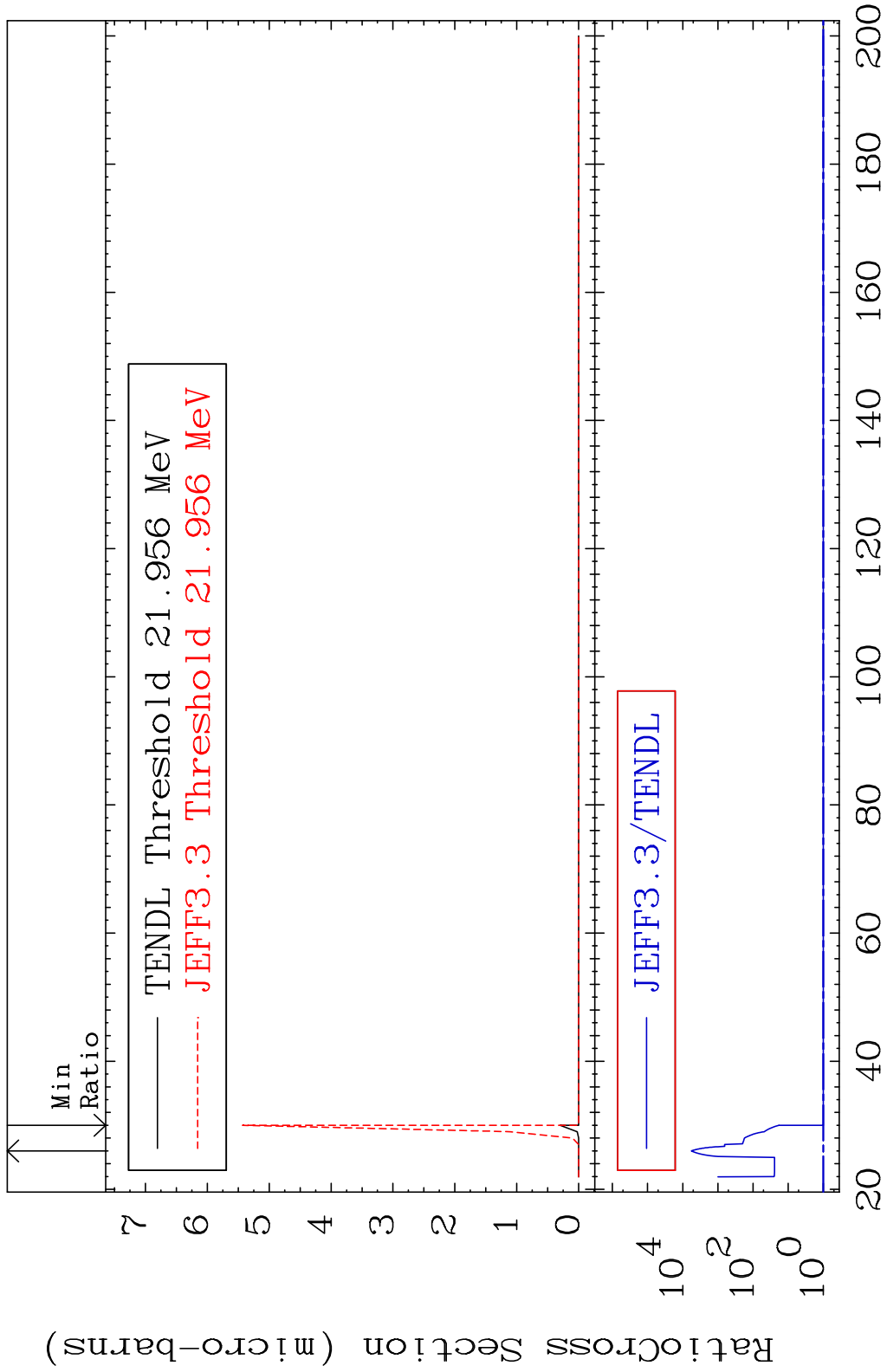
Radionuclide Production Cross Section

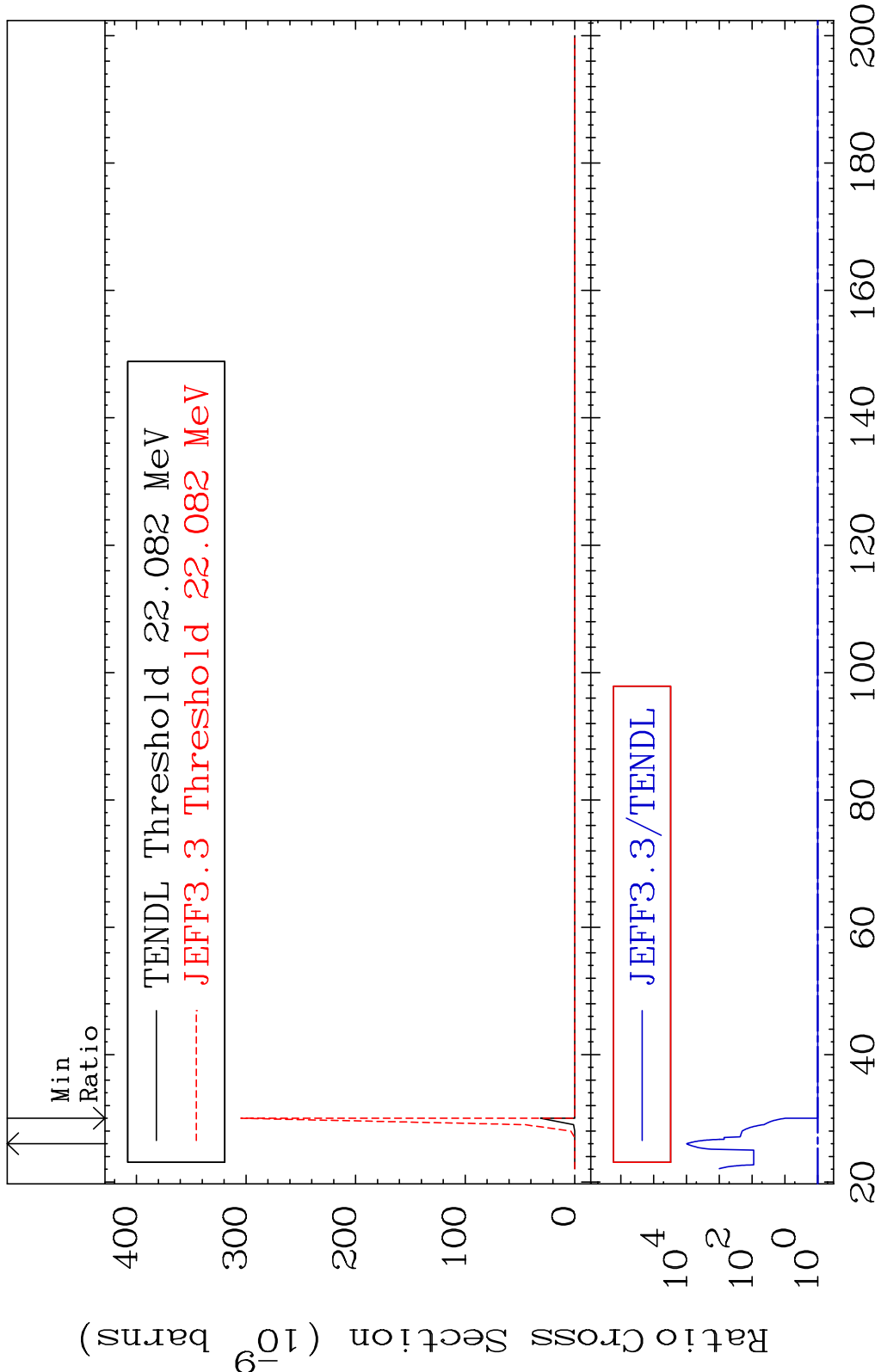


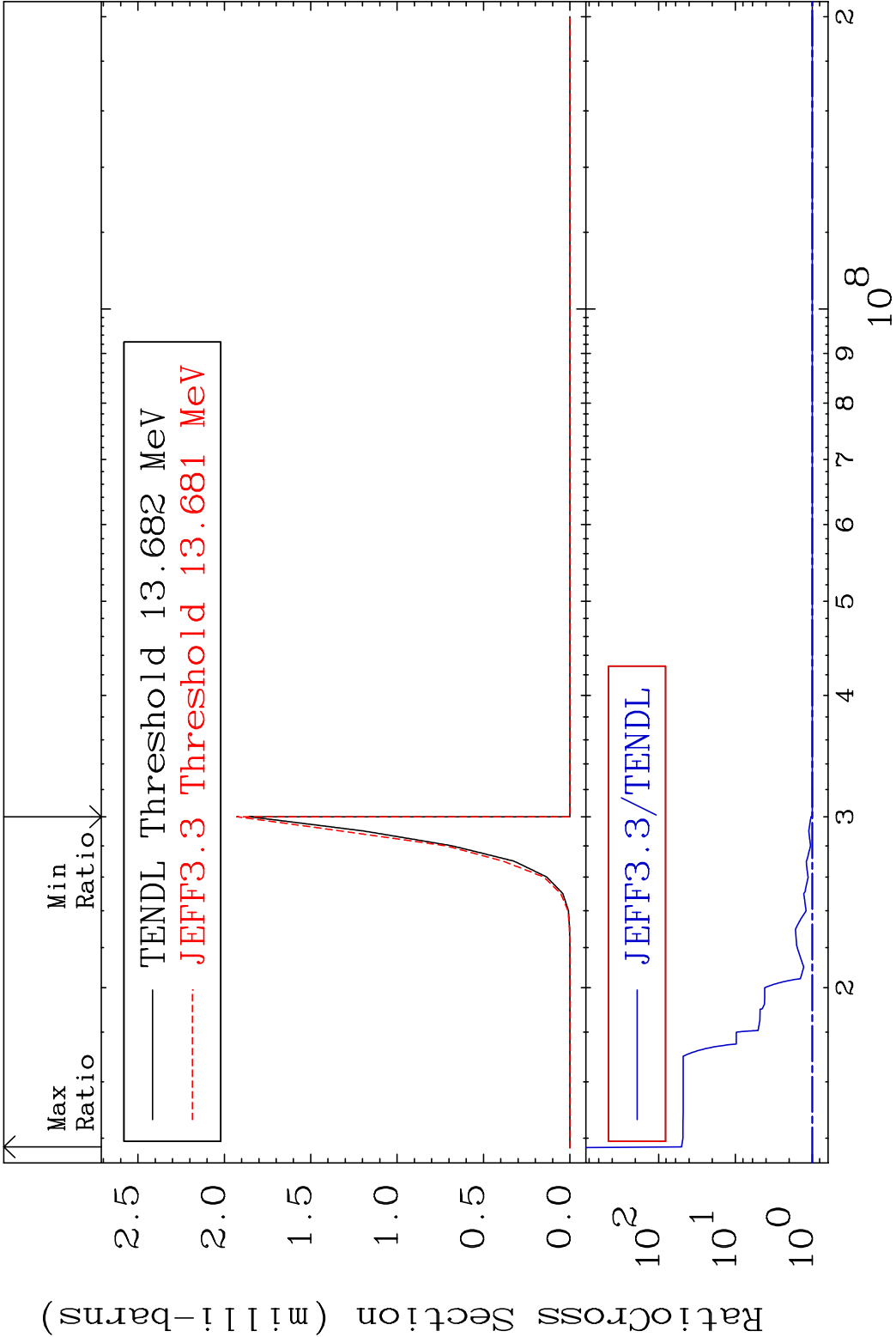


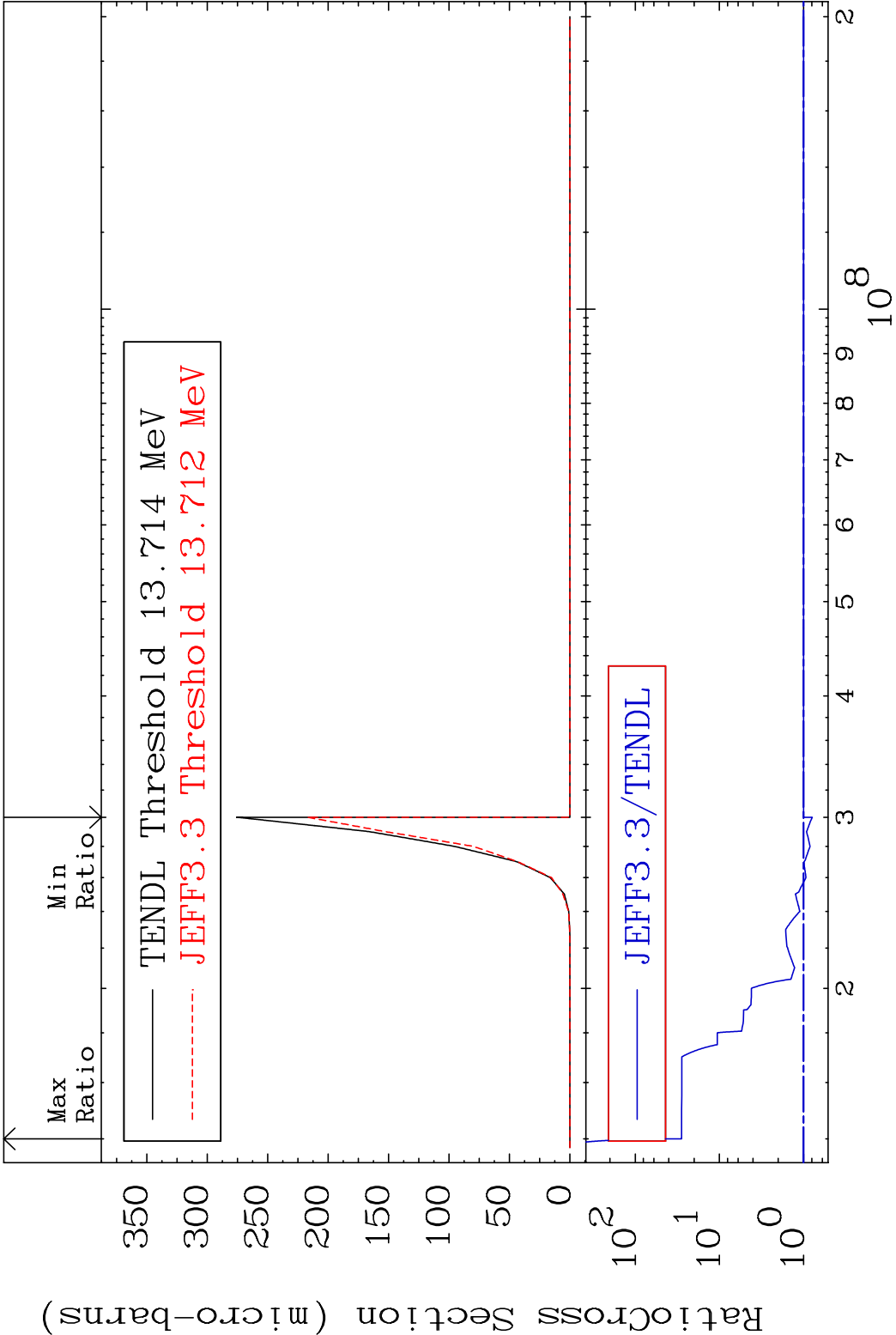


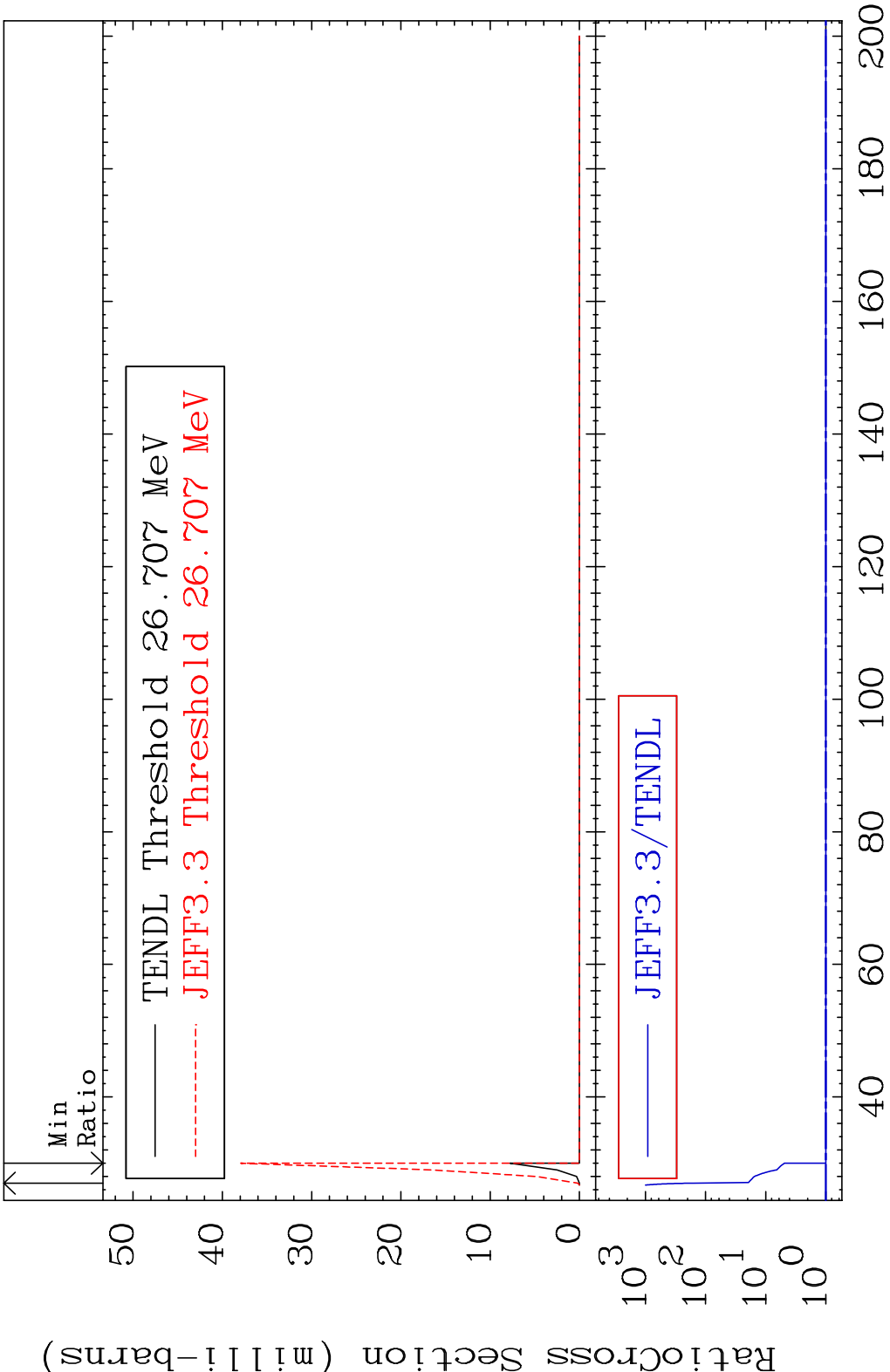


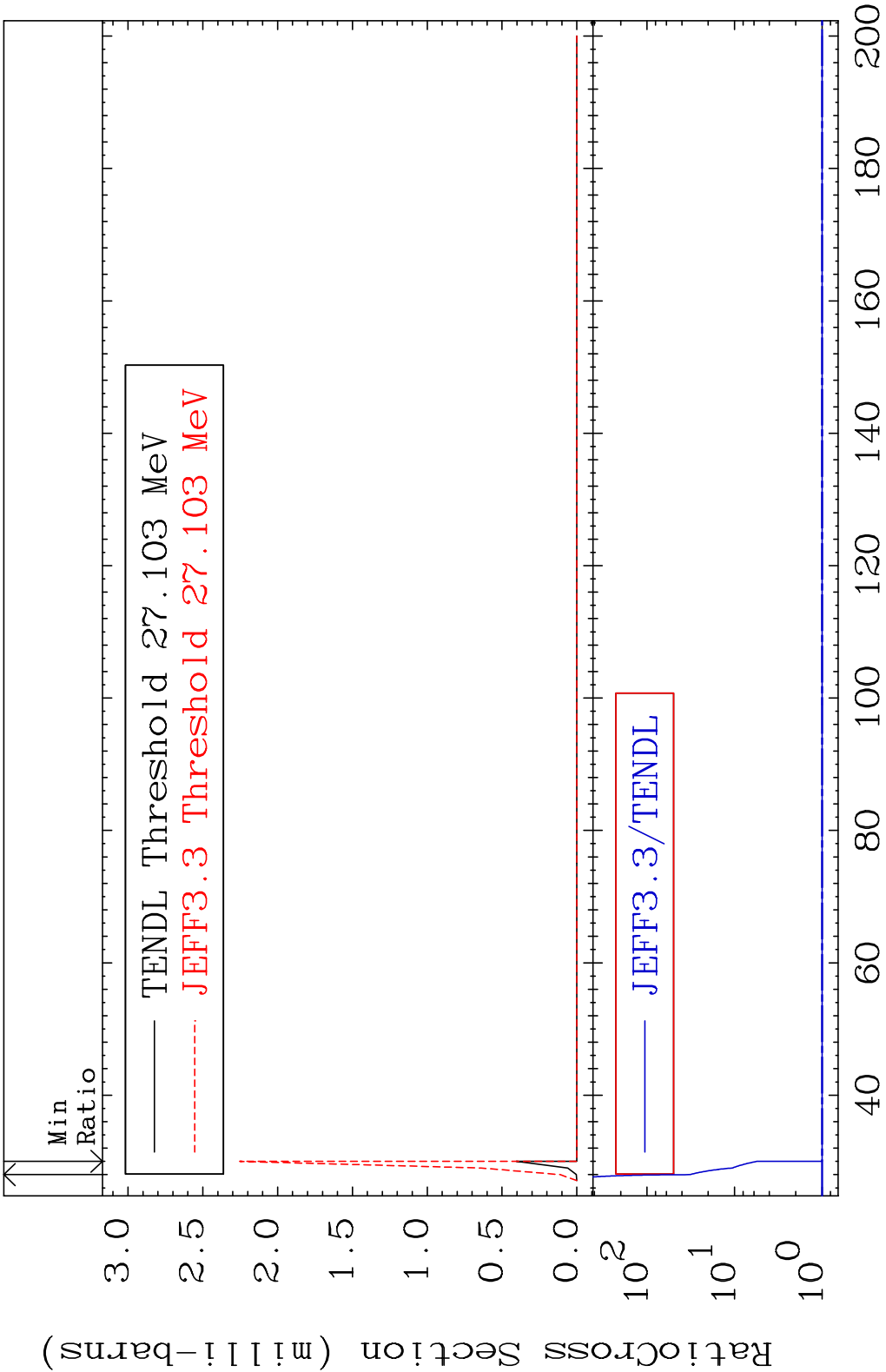


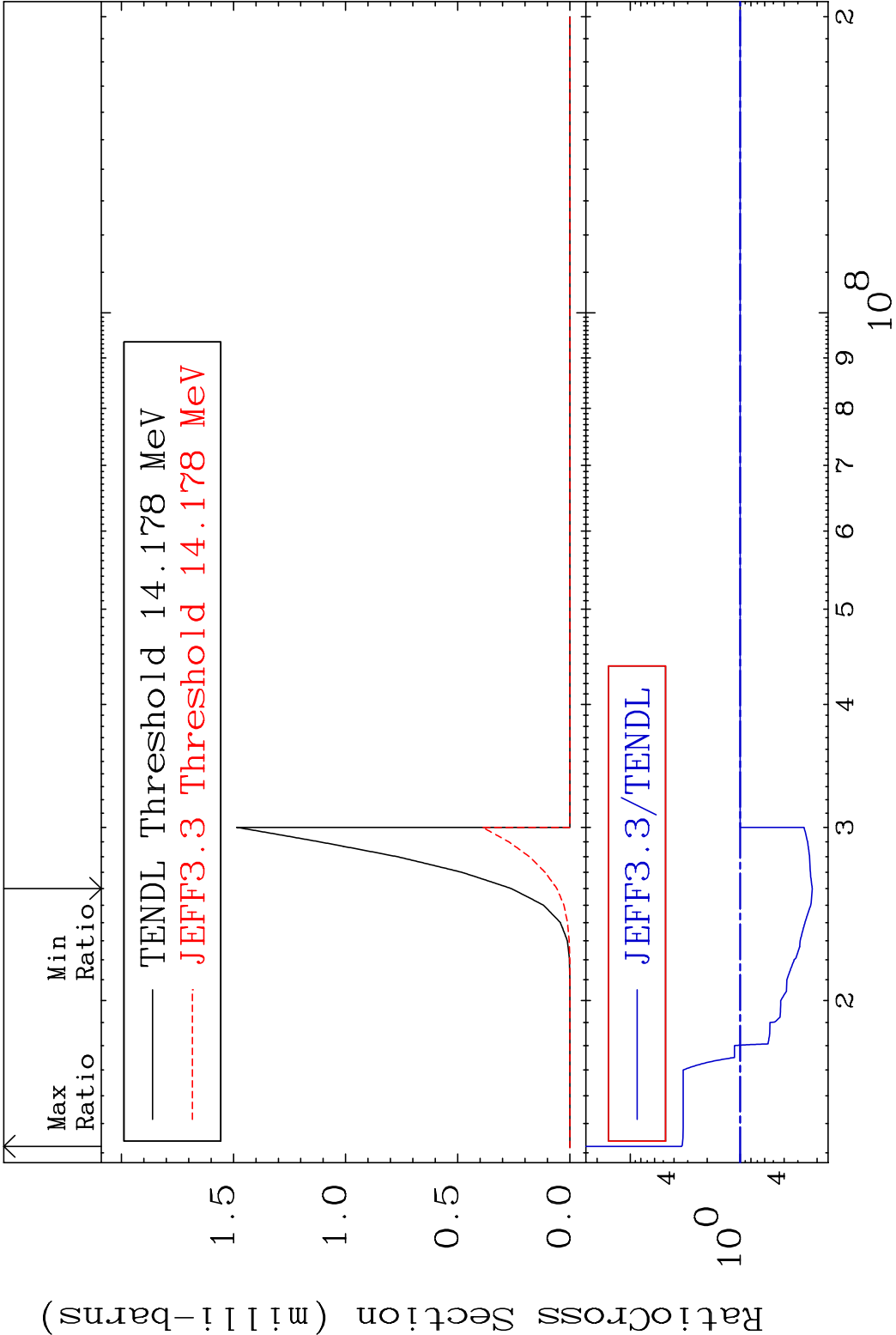


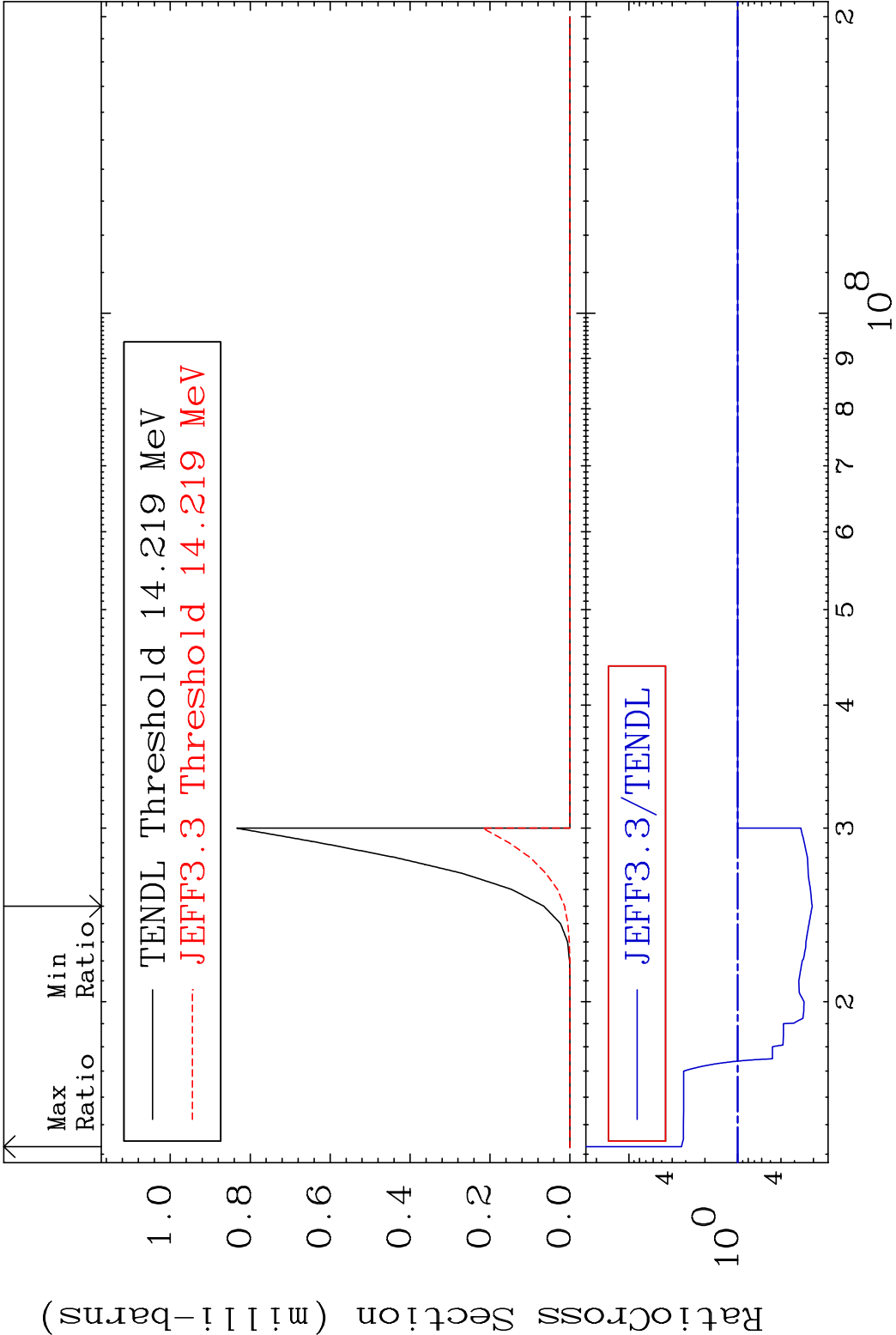












Radionuclide Production Cross Section

