

Program Complot
(Version 2021-1)

by

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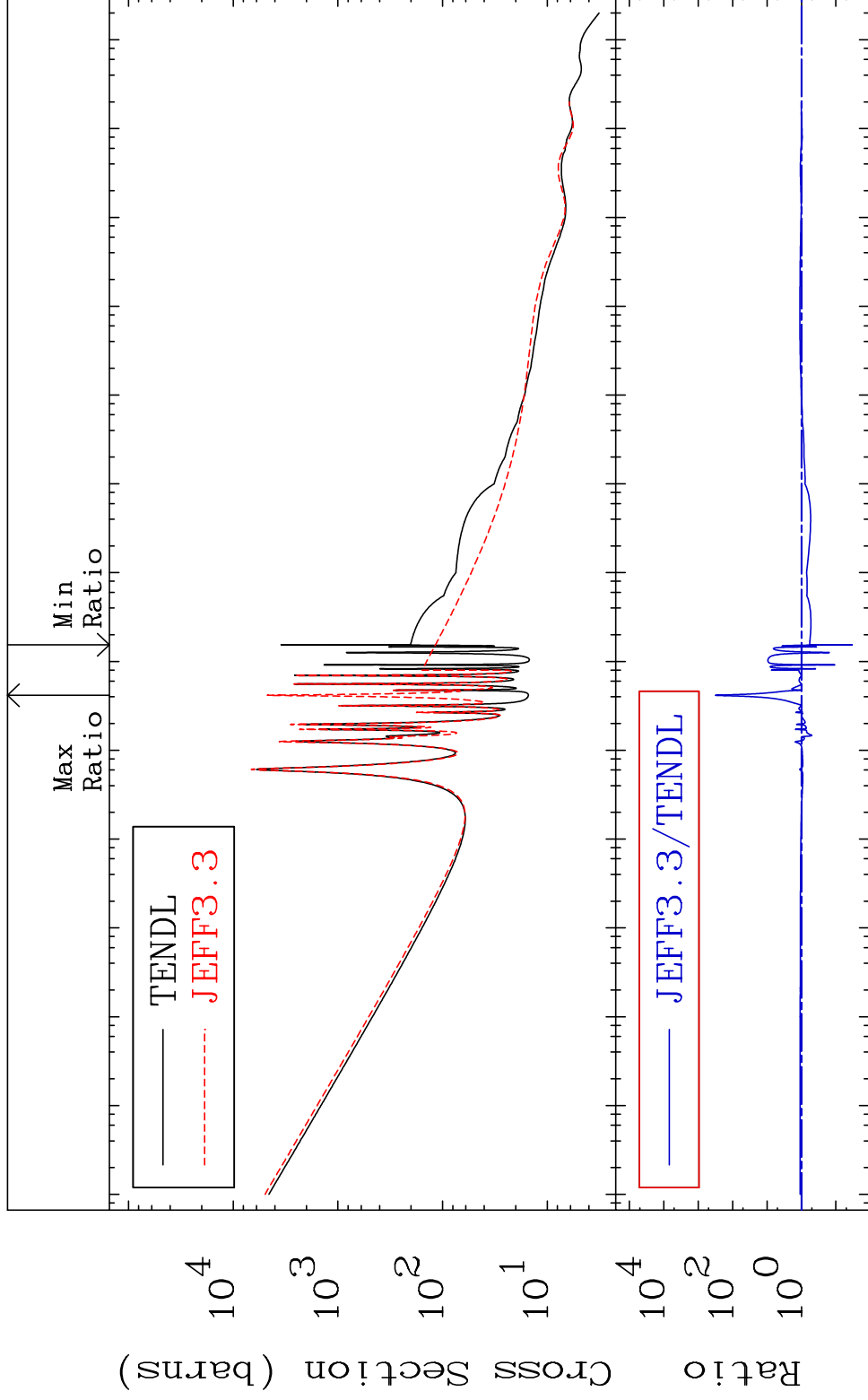
Press Mouse Button to Start

MAT 9031

Total

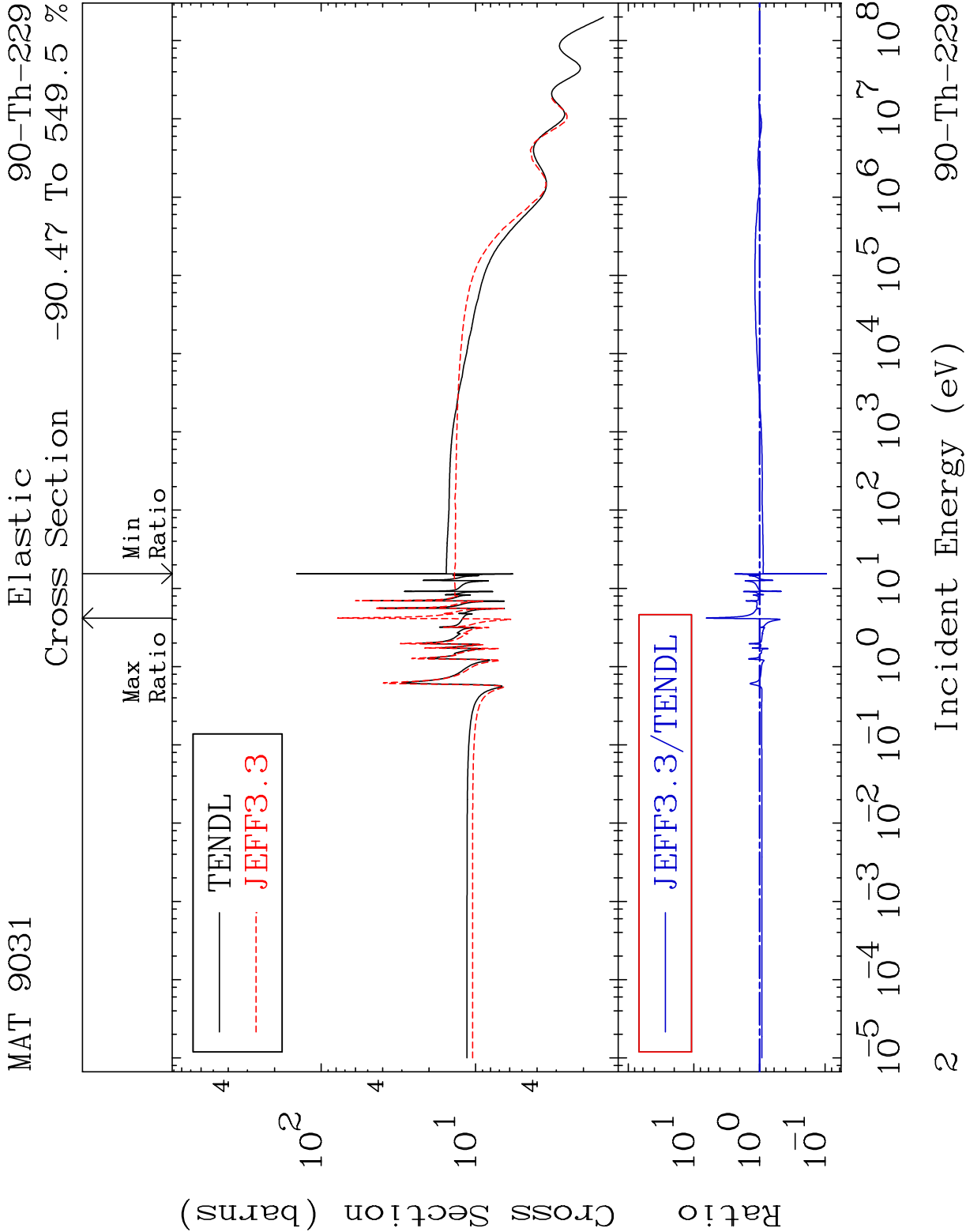
90-Th-229

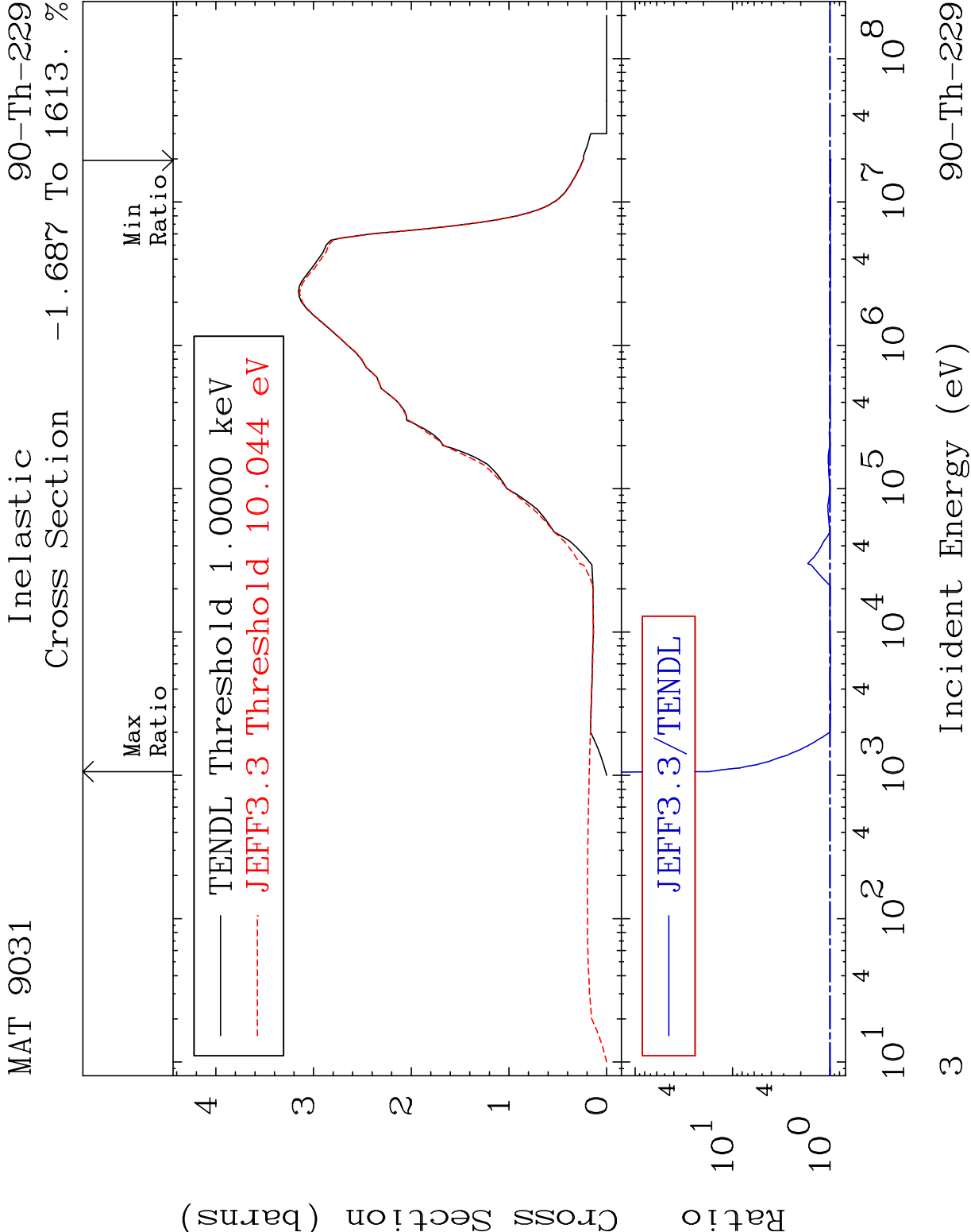
Cross Section -96.66 To 9999. %

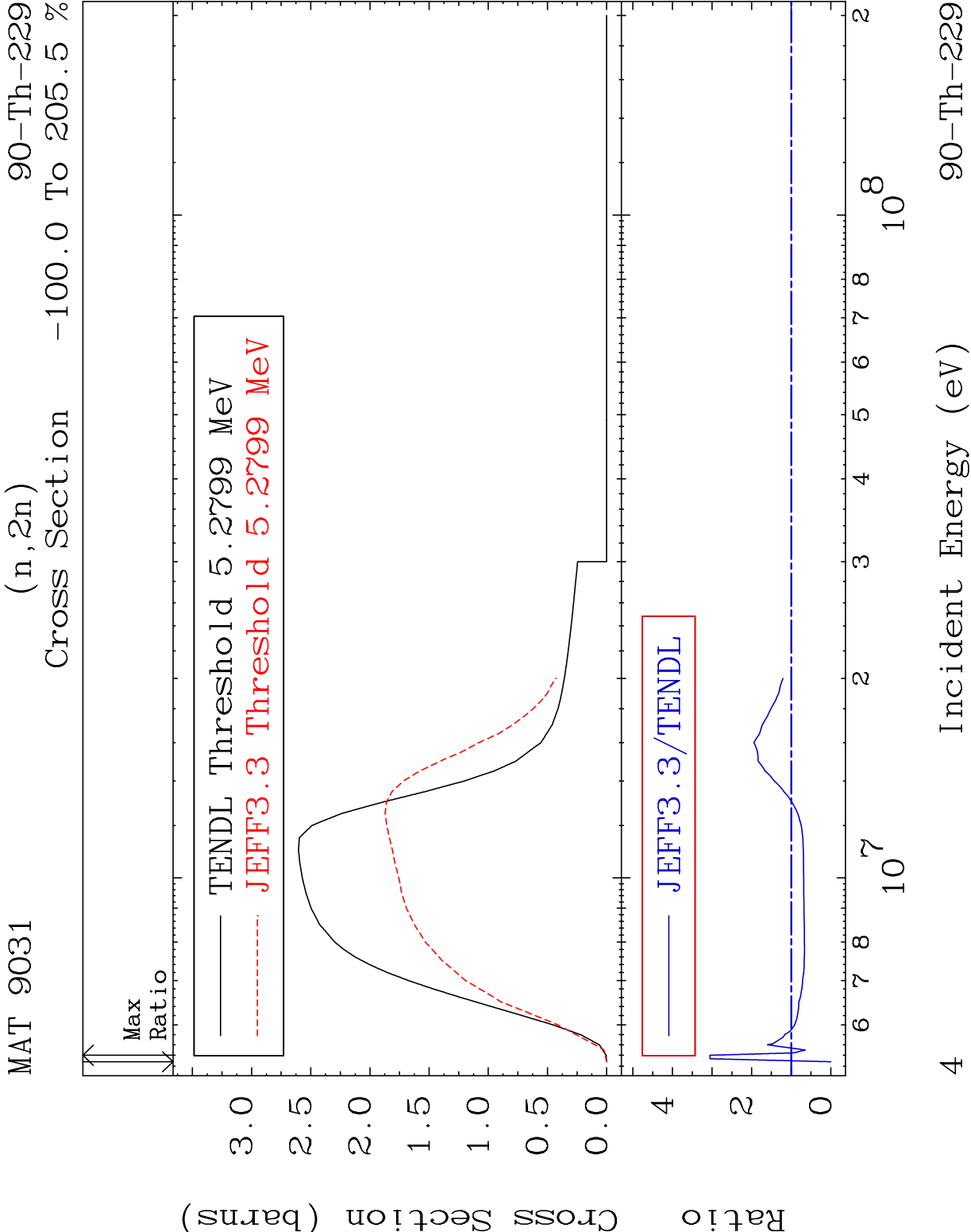


Incident Energy (eV)

90-Th-229





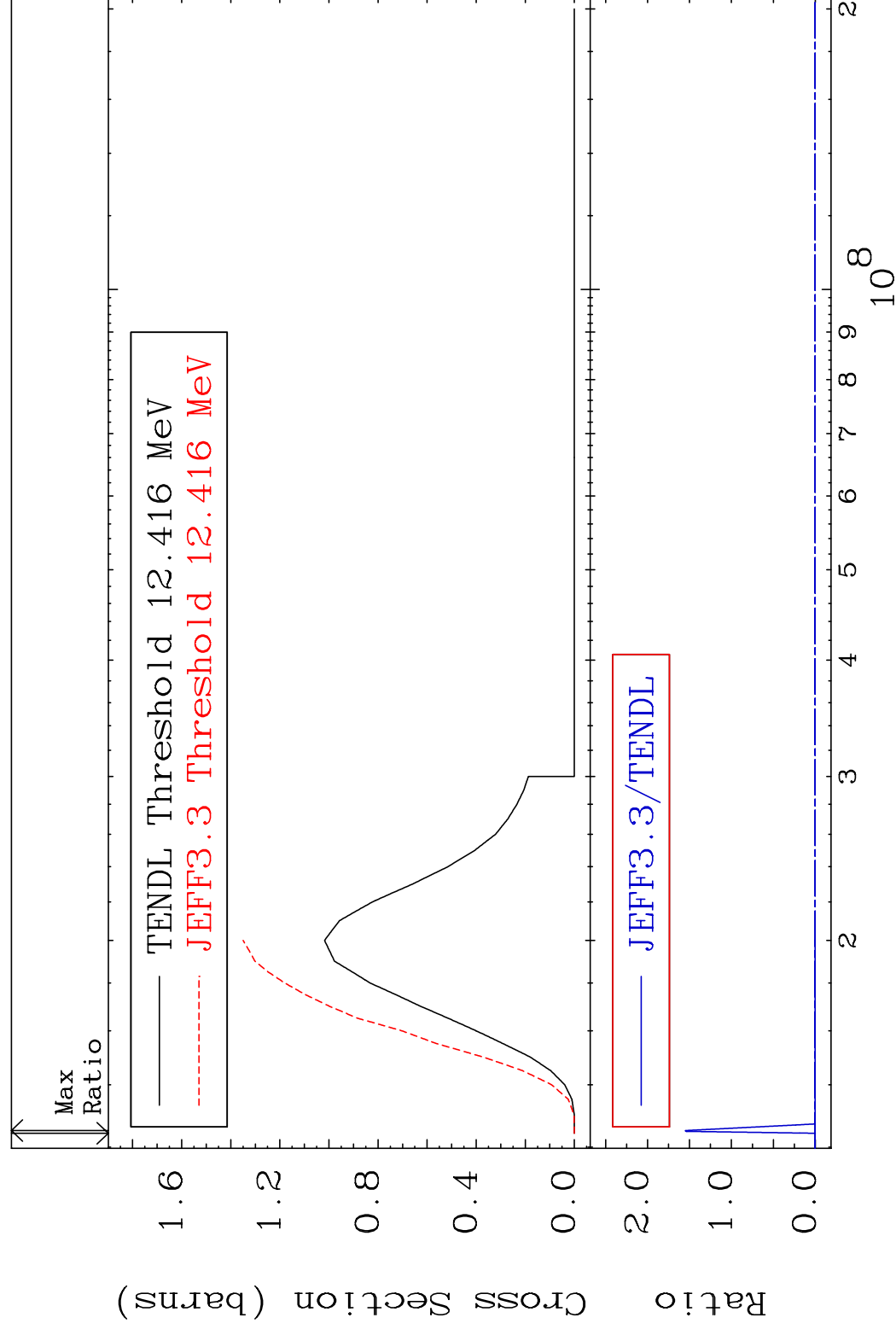


MAT 9031

$$(n, 3n)$$

90-Th-229

Cross Section -100.0 To 9999. %



5

Incident Energy (eV)

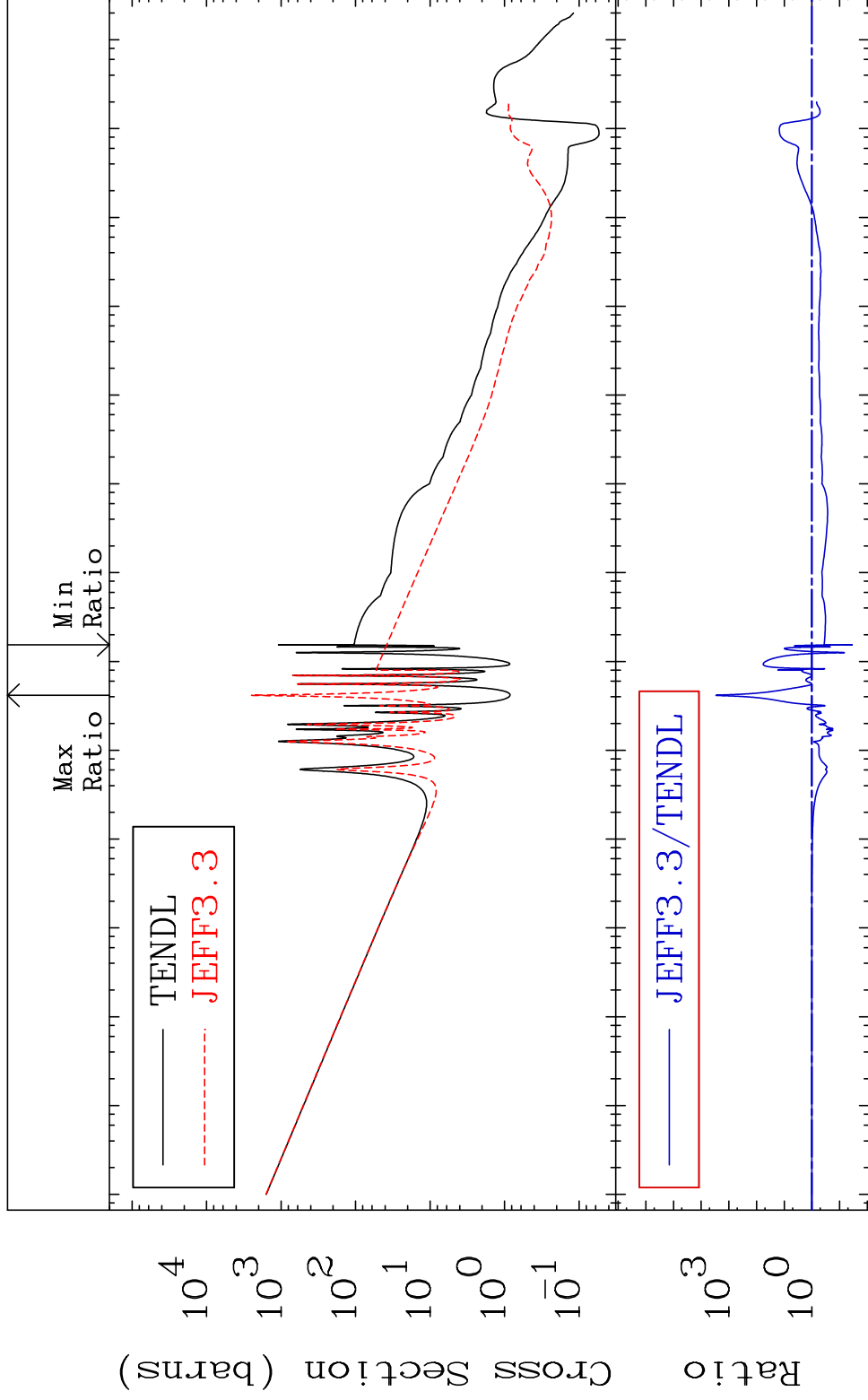
90-Th-229

MAT 9031

Fission

90-Th-229

Cross Section -96.48 To 9999. %



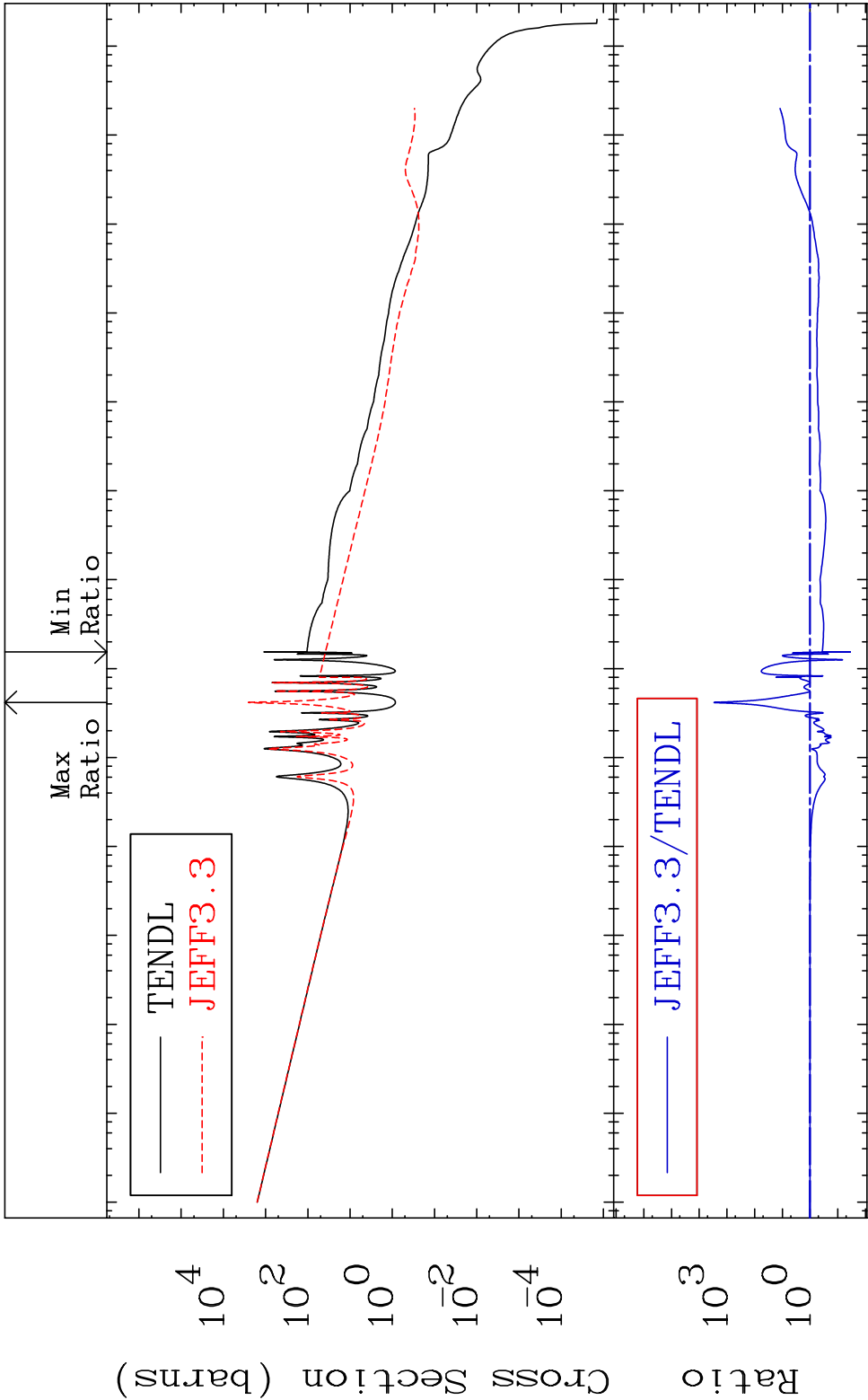
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

6

Incident Energy (eV)

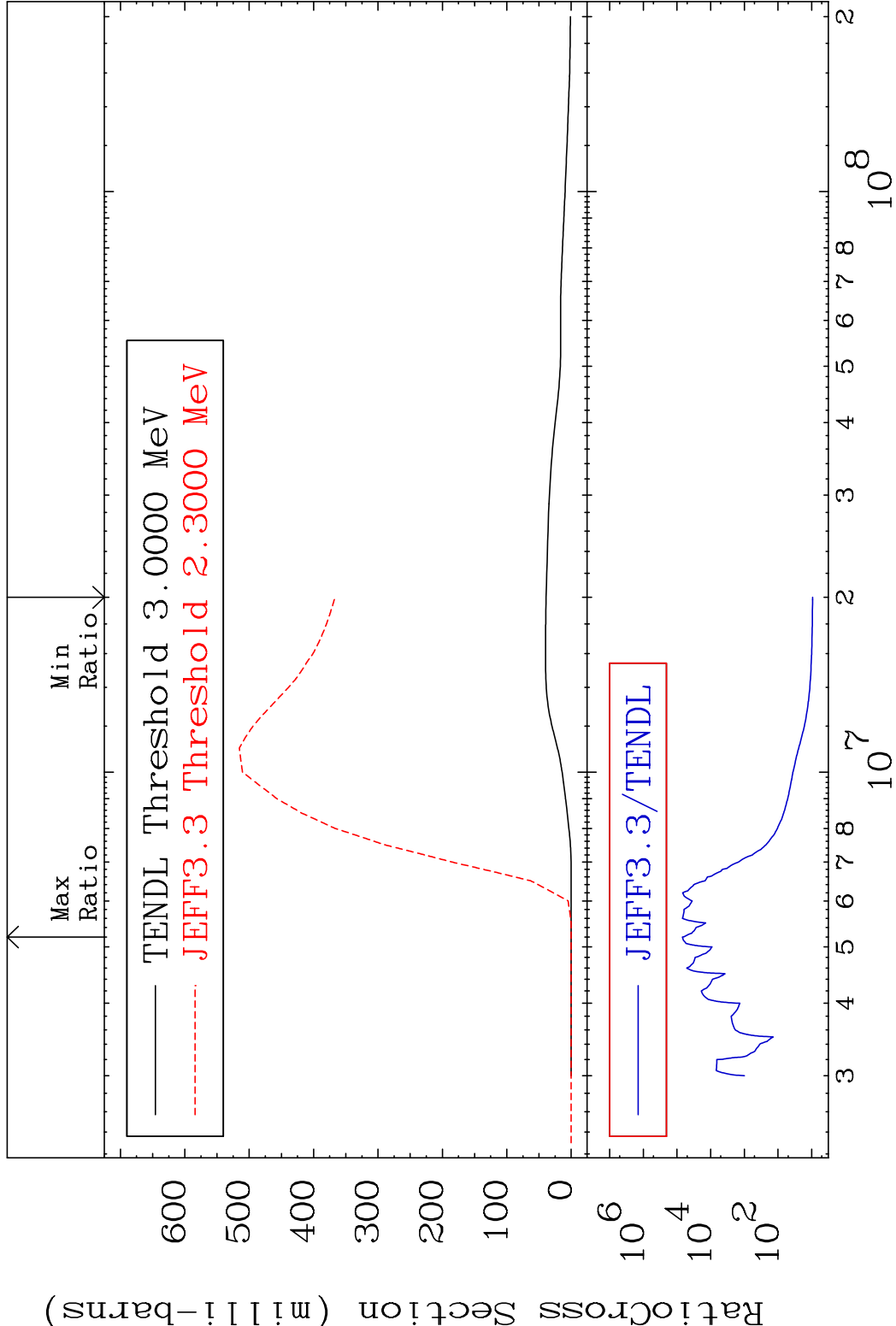
90-Th-229

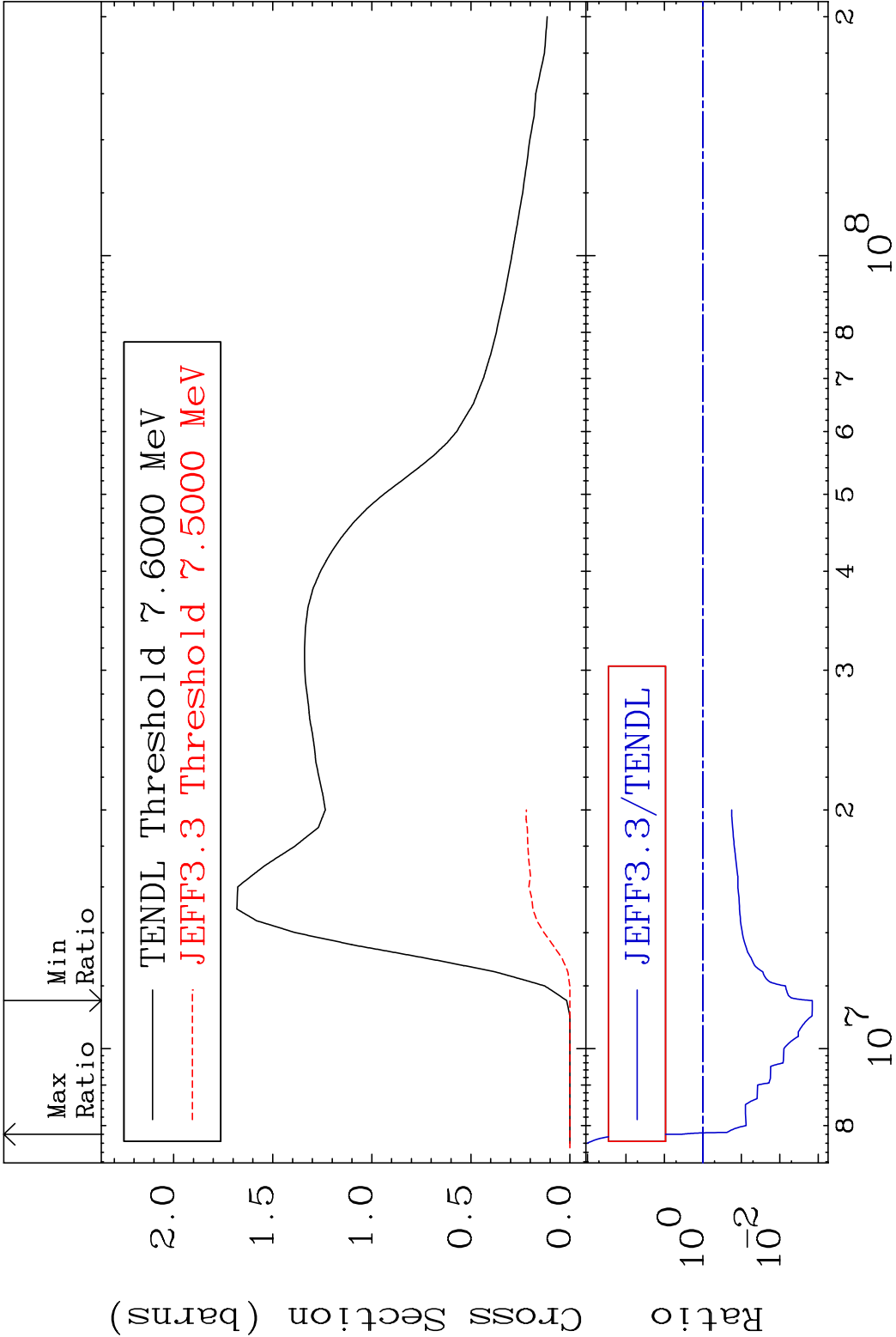
MAT 9031 (n,f) First Chance 90-Th-229
Cross Section -96.48 To 9999. %



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

γ Incident Energy (eV) 90-Th-229



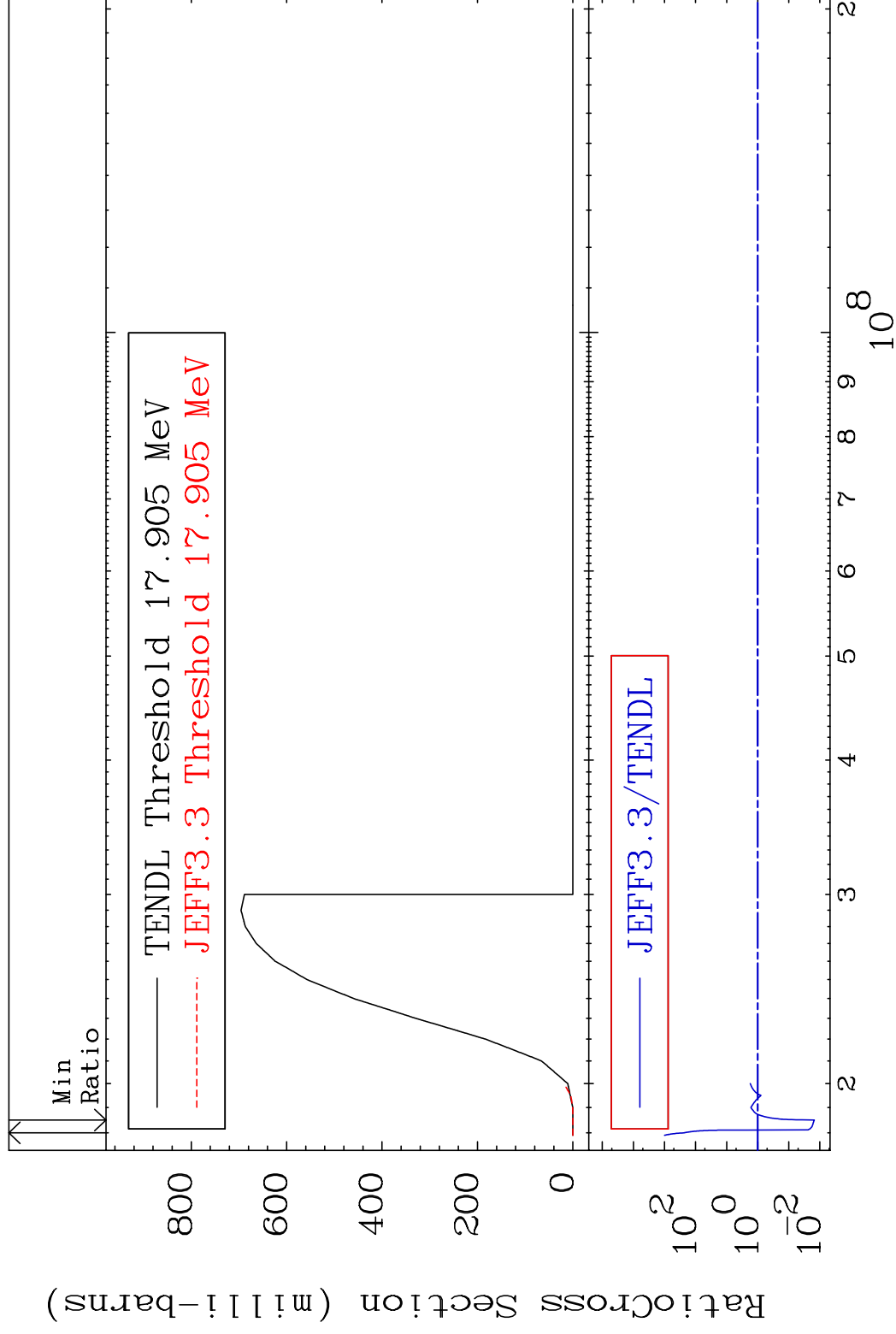


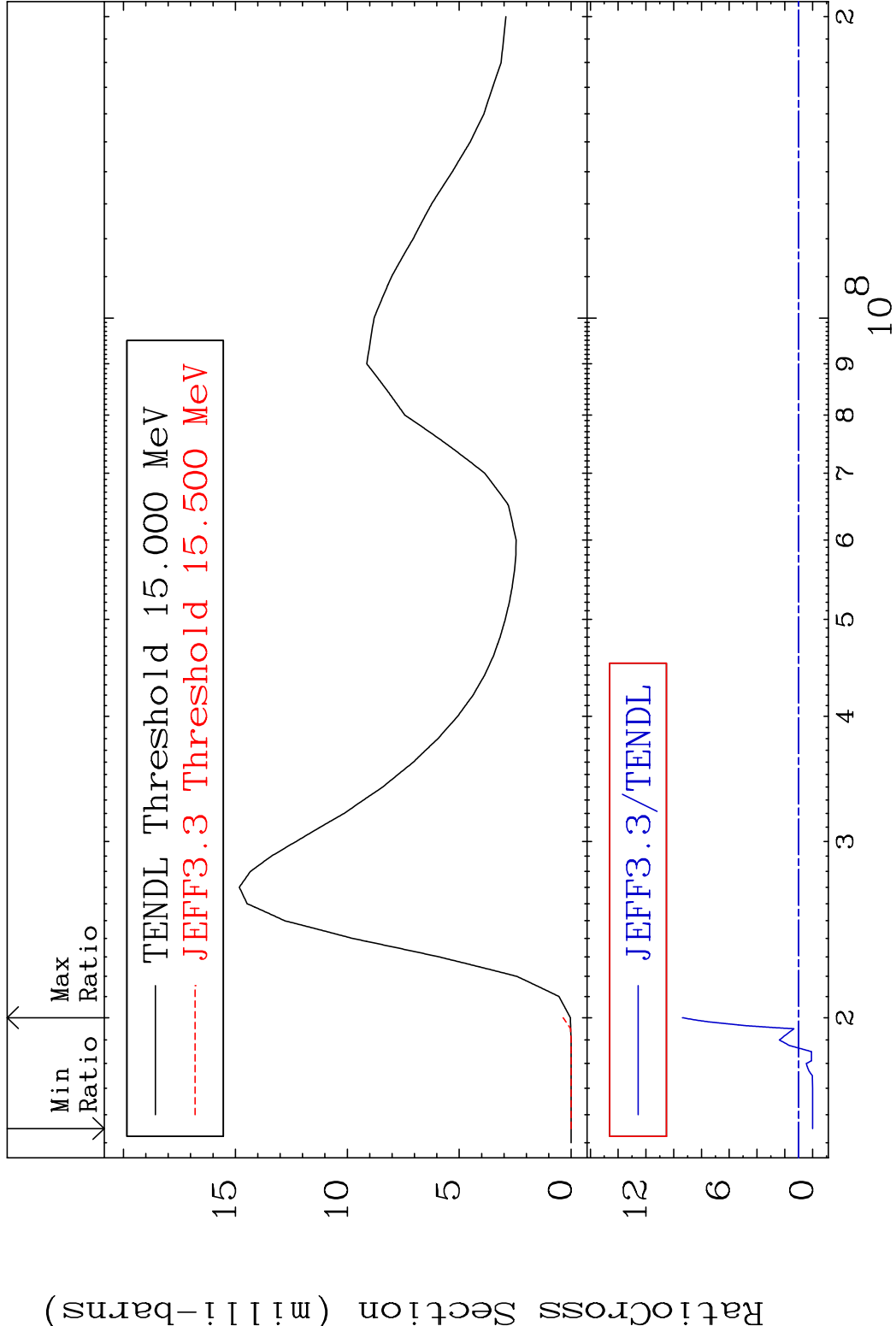
MAT 9031

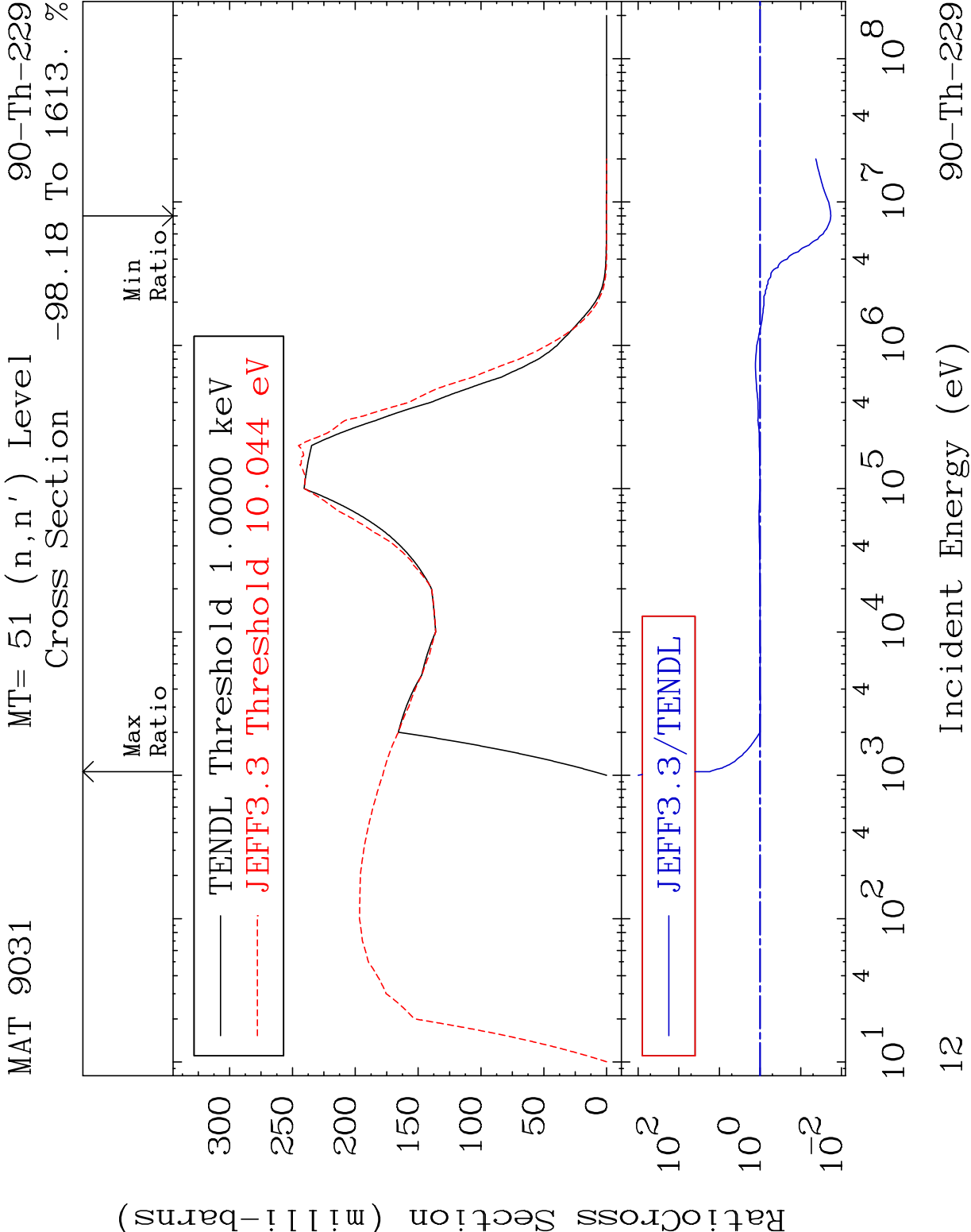
$$(n, 4n)$$

90-Th-229

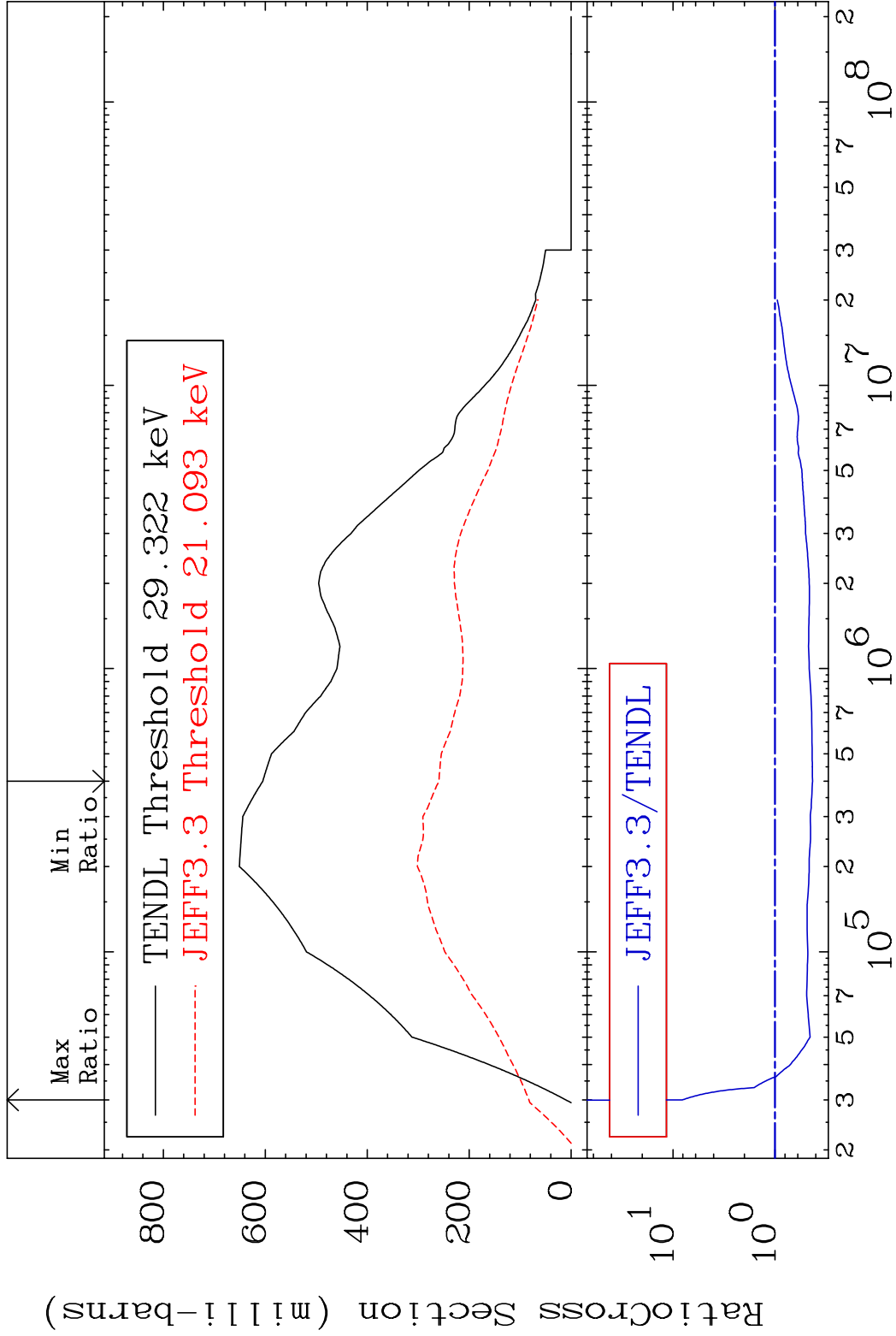
Cross Section -98.48 To 9999. %



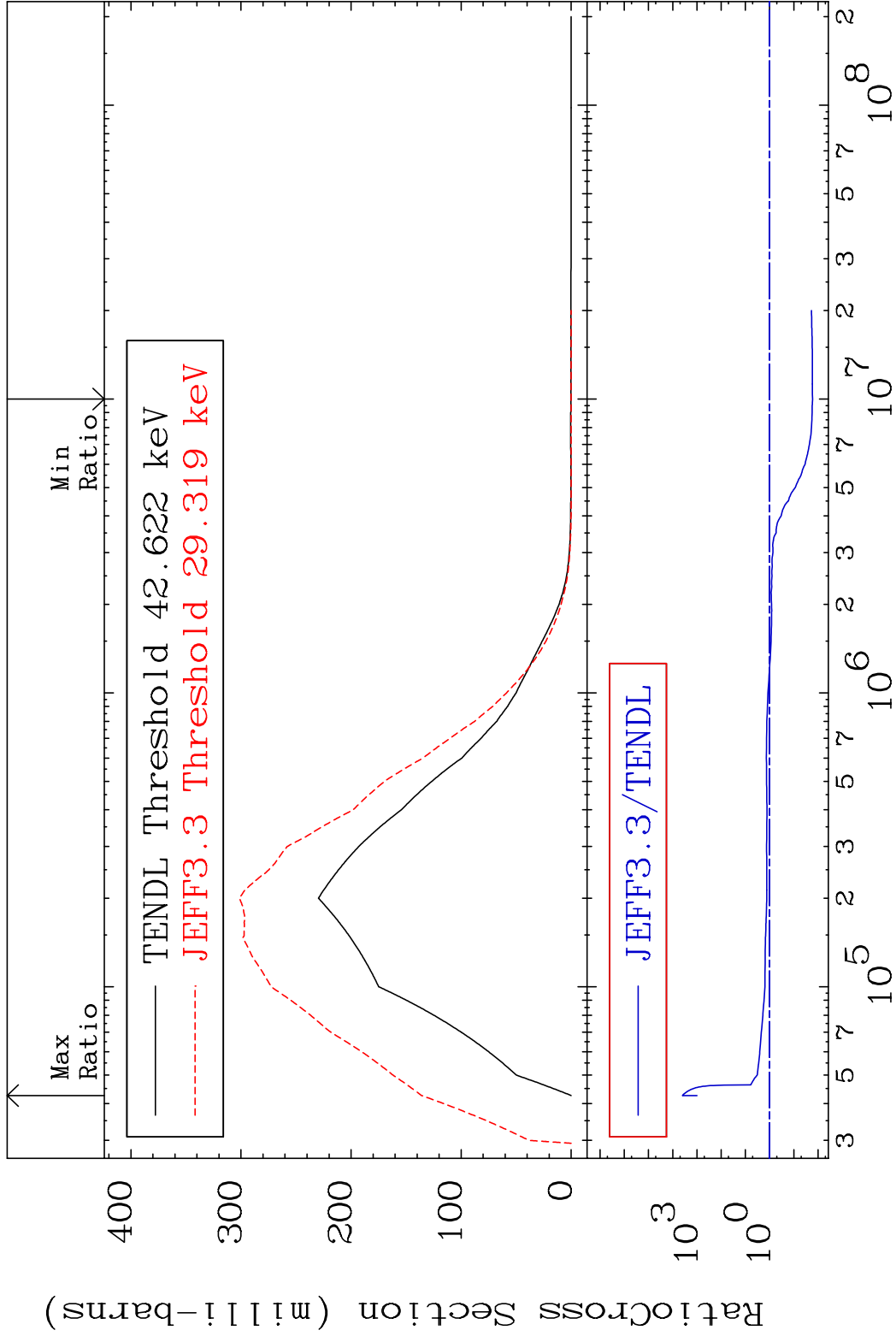




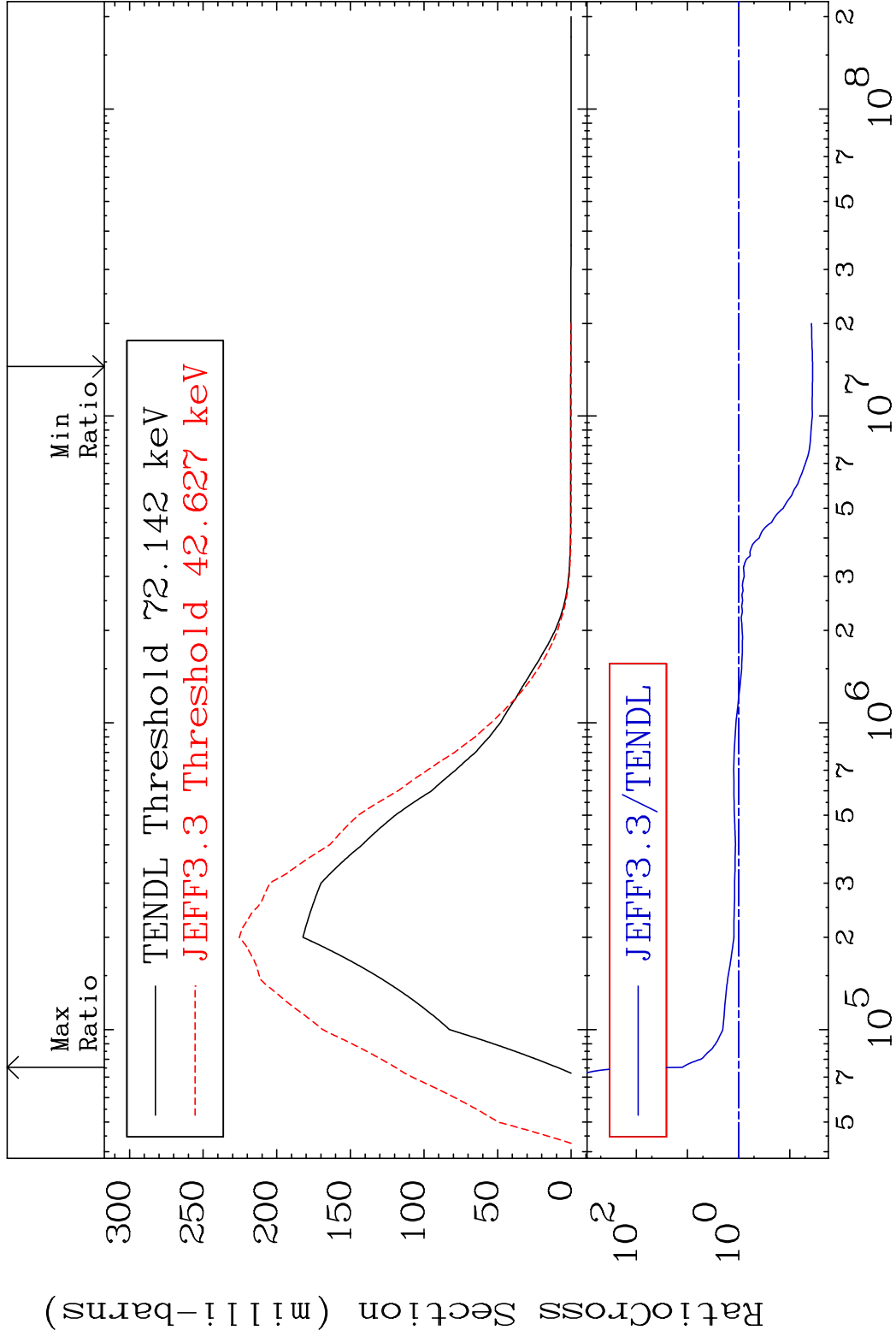
MAT 9031 MT= 52 (n,n') Level 90-Th-229
Cross Section -57.07 To 709.1 %



MAT 9031 MT= 53 (n,n') Level 90-Th-229
Cross Section -98.31 To 9999. %



MAT 9031 MT= 54 (n,n') Level 90-Th-229
Cross Section -96.42 To 1162. %



15 Incident Energy (eV) 90-Th-229

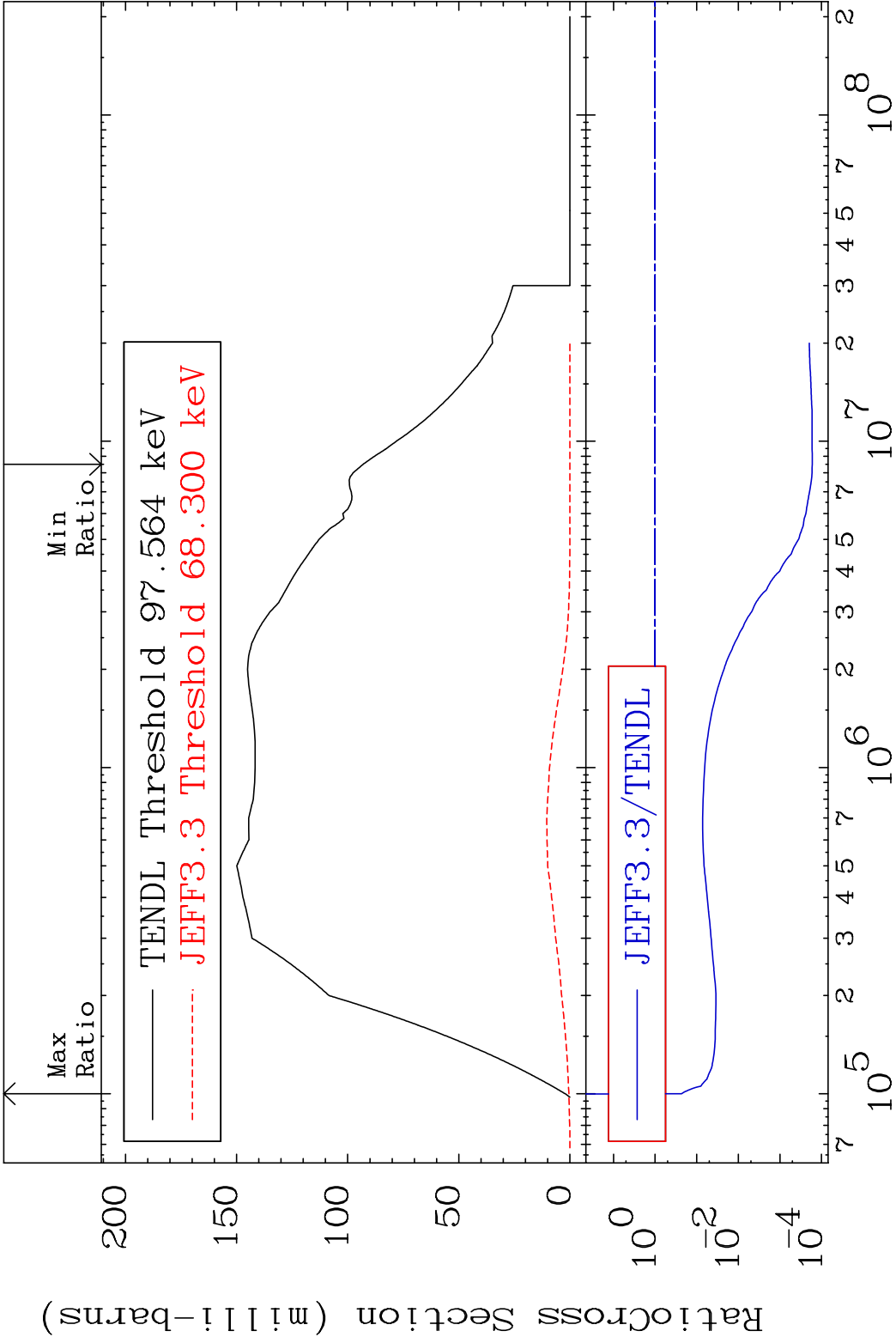
MAT 9031

MT= 55 (n,n') Level

90-Th-229

Cross Section

-99.98 To -76.82%



16

90-Th-229

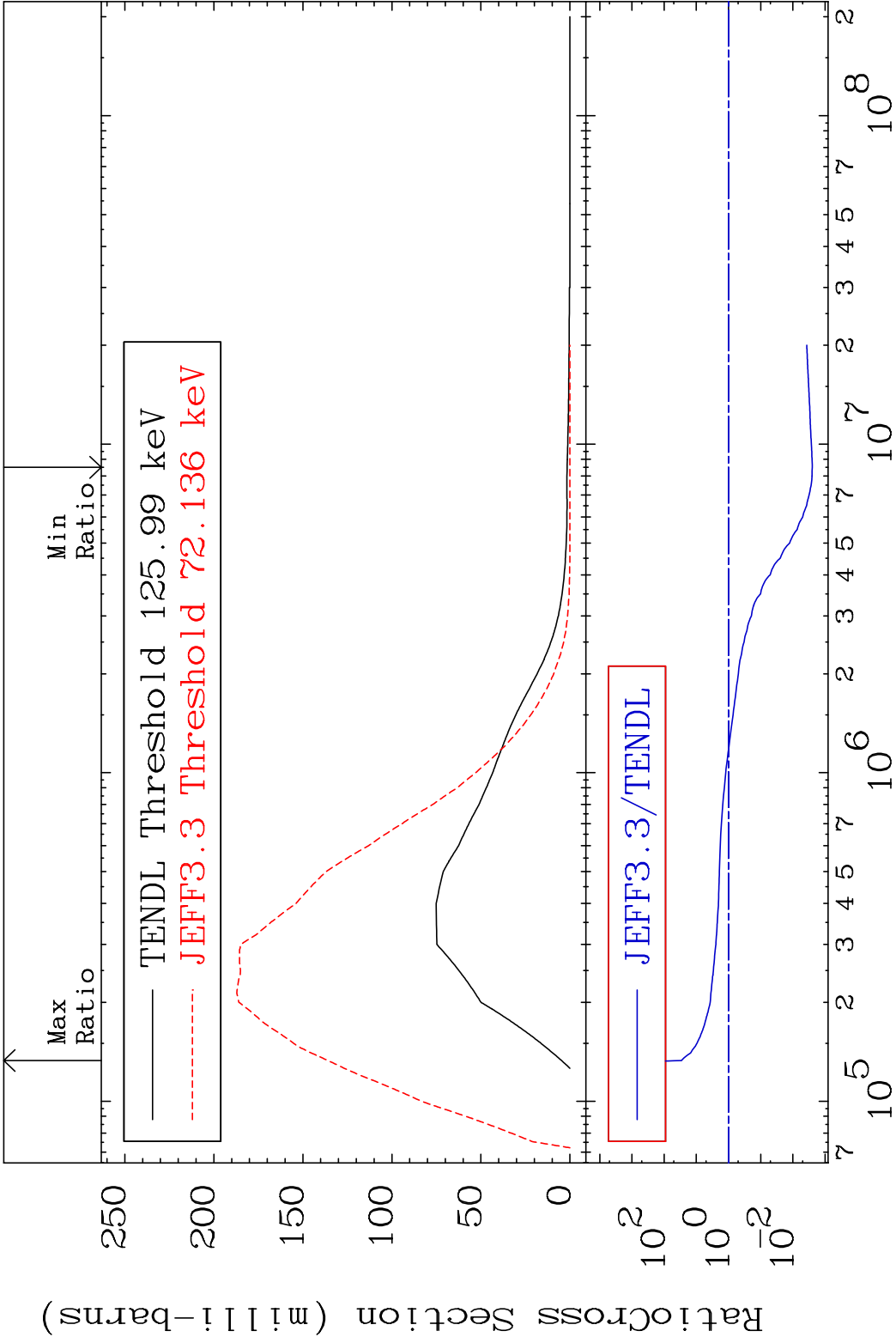
MAT 9031

MT= 56 (n,n') Level

90-Th-229

Cross Section

-99.75 To 2779. %

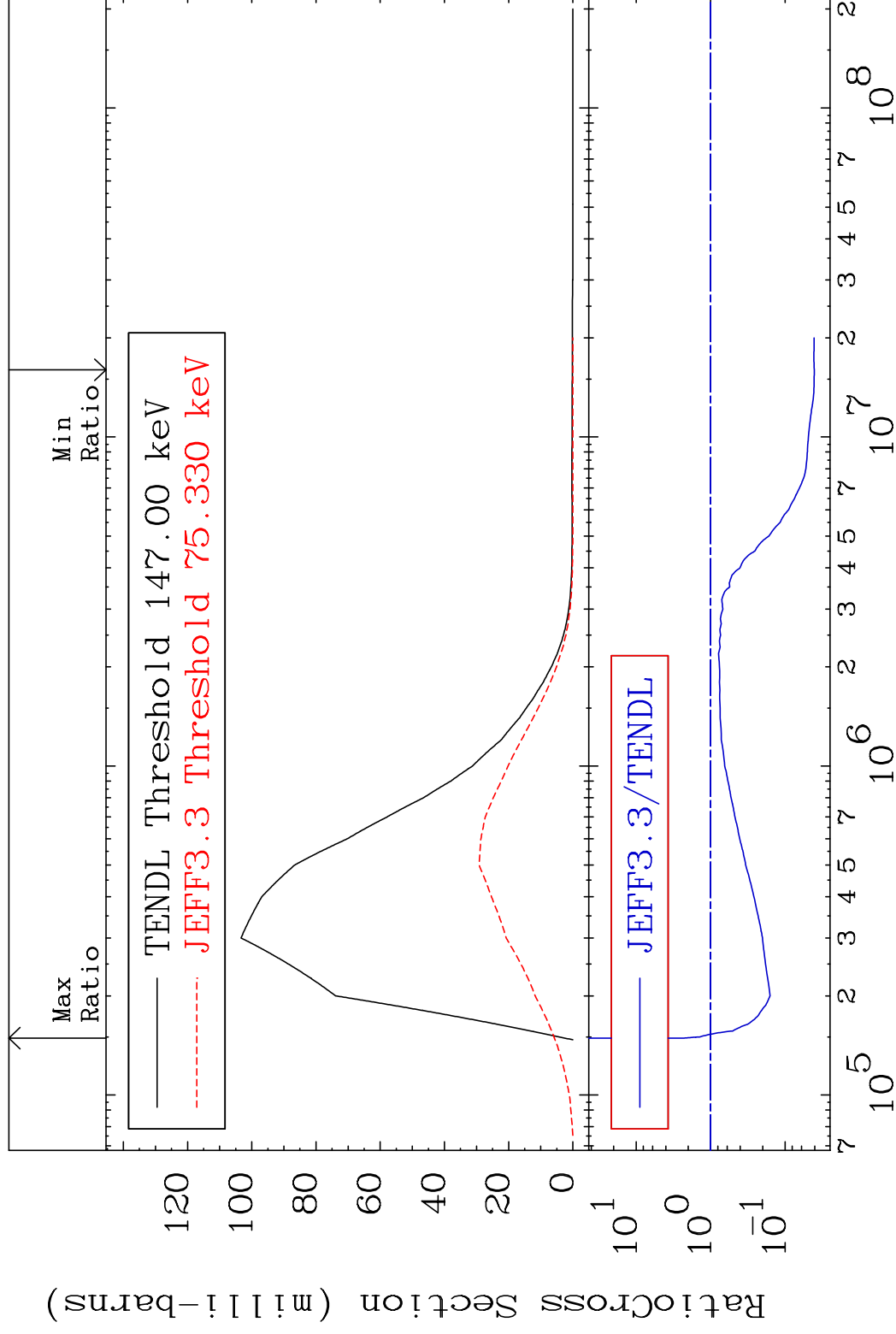


MAT 9031

MT= 57 (n, n') Level

90-Th-229

Cross Section -95.94 To 127.3 %

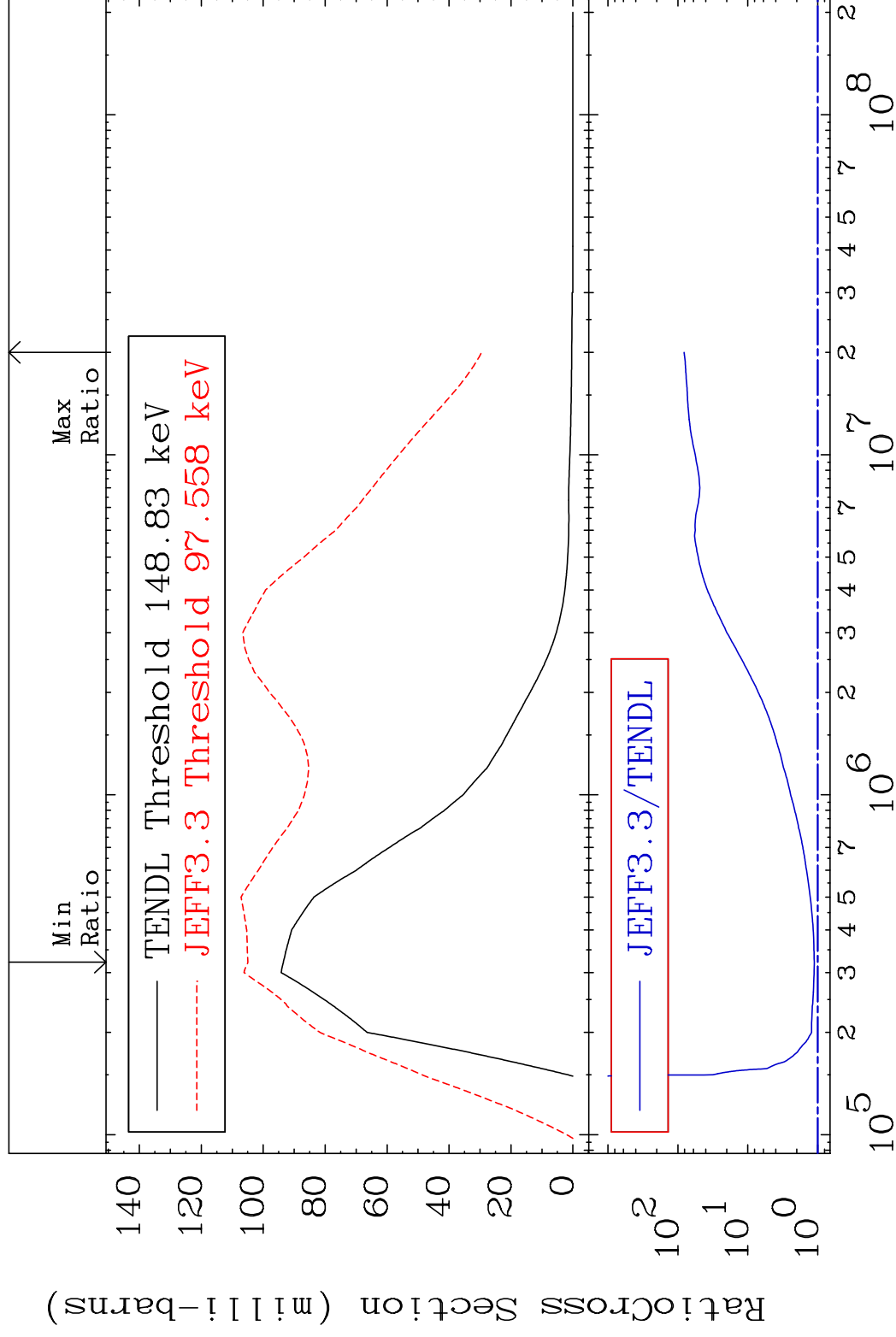


MAT 9031

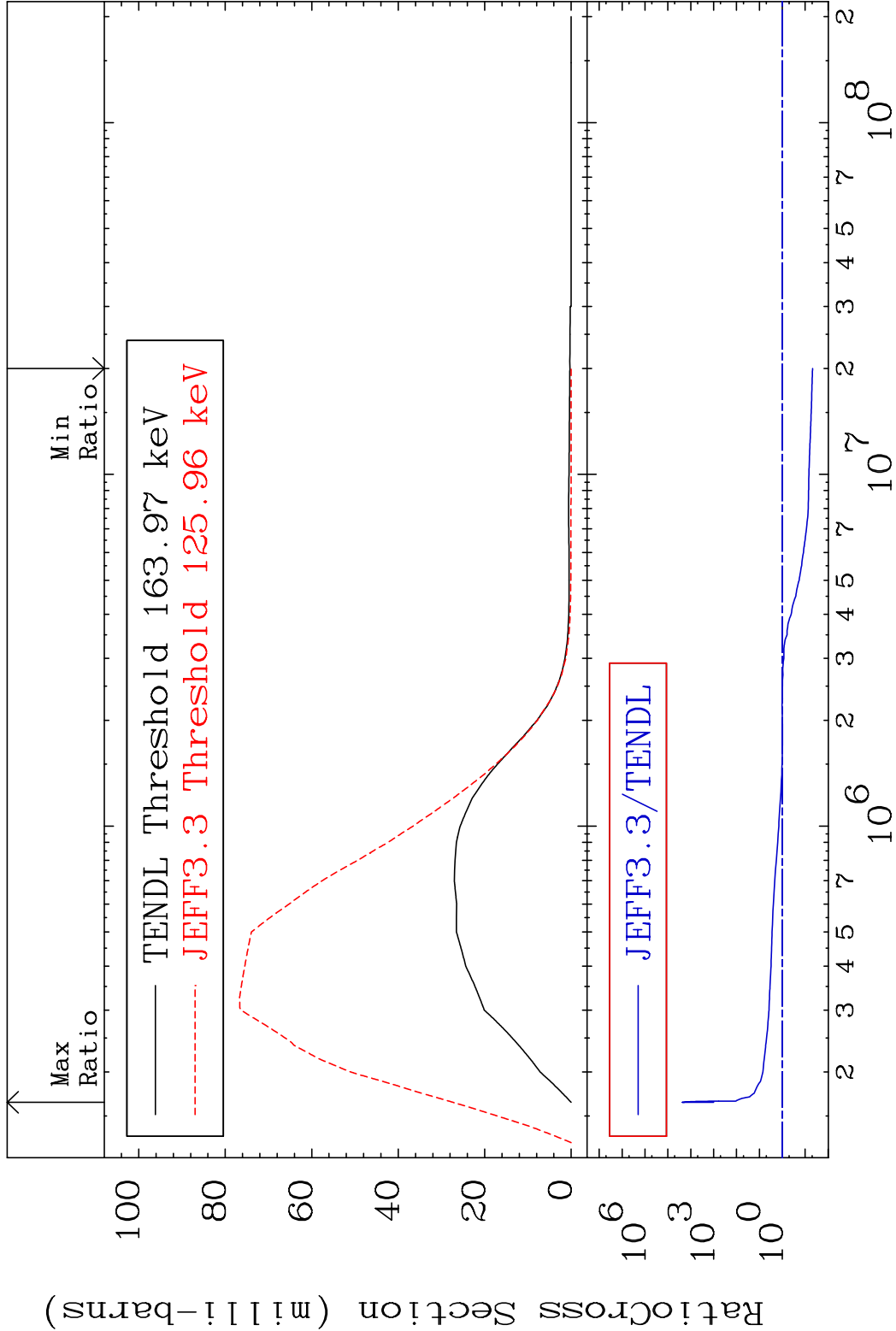
MT= 58 (n, n') Level

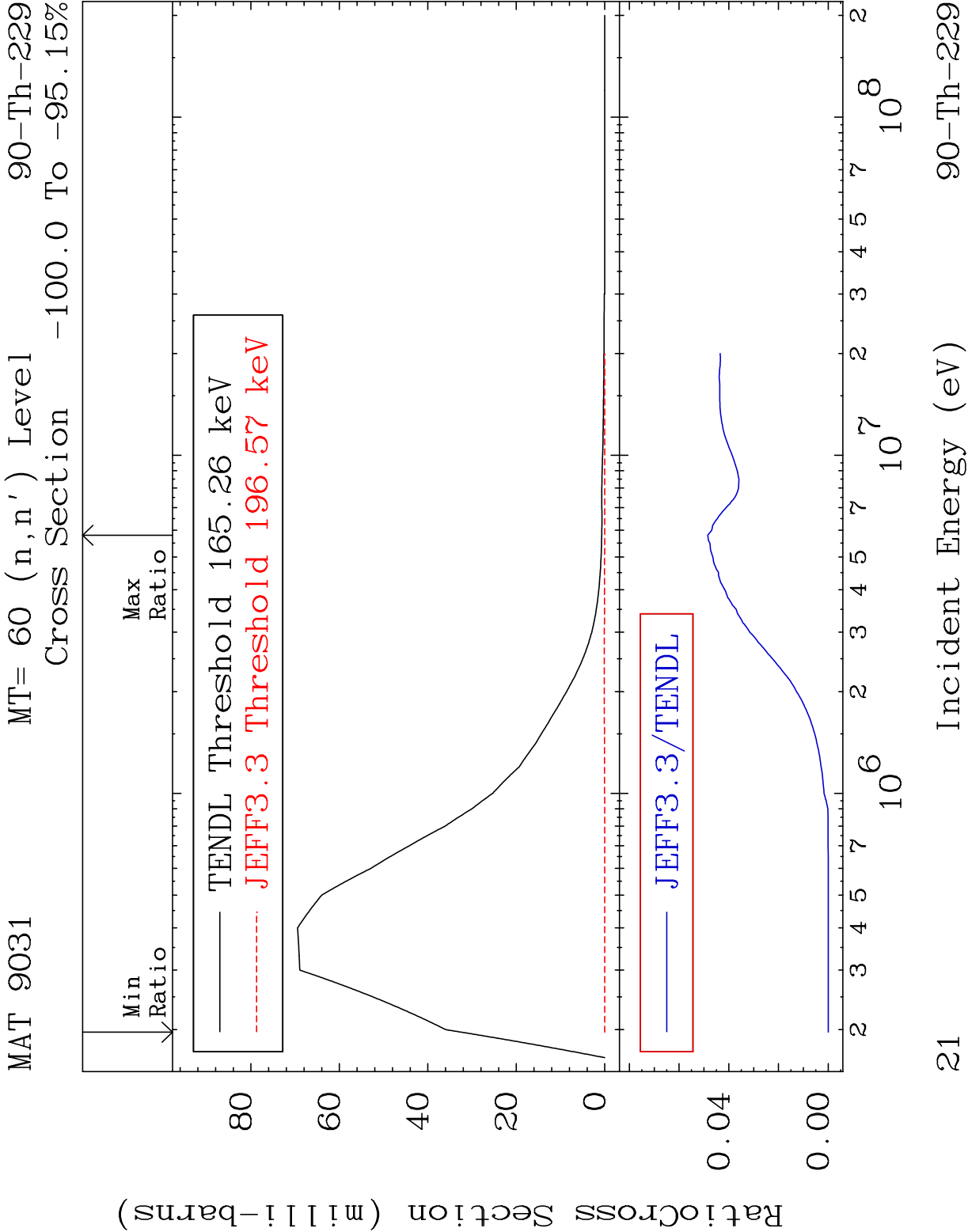
90-Th-229

Cross Section	To 12.29	To 8061. %



MAT 9031 MT= 59 (n,n') Level 90-Th-229
Cross Section -95.25 To 9999. %





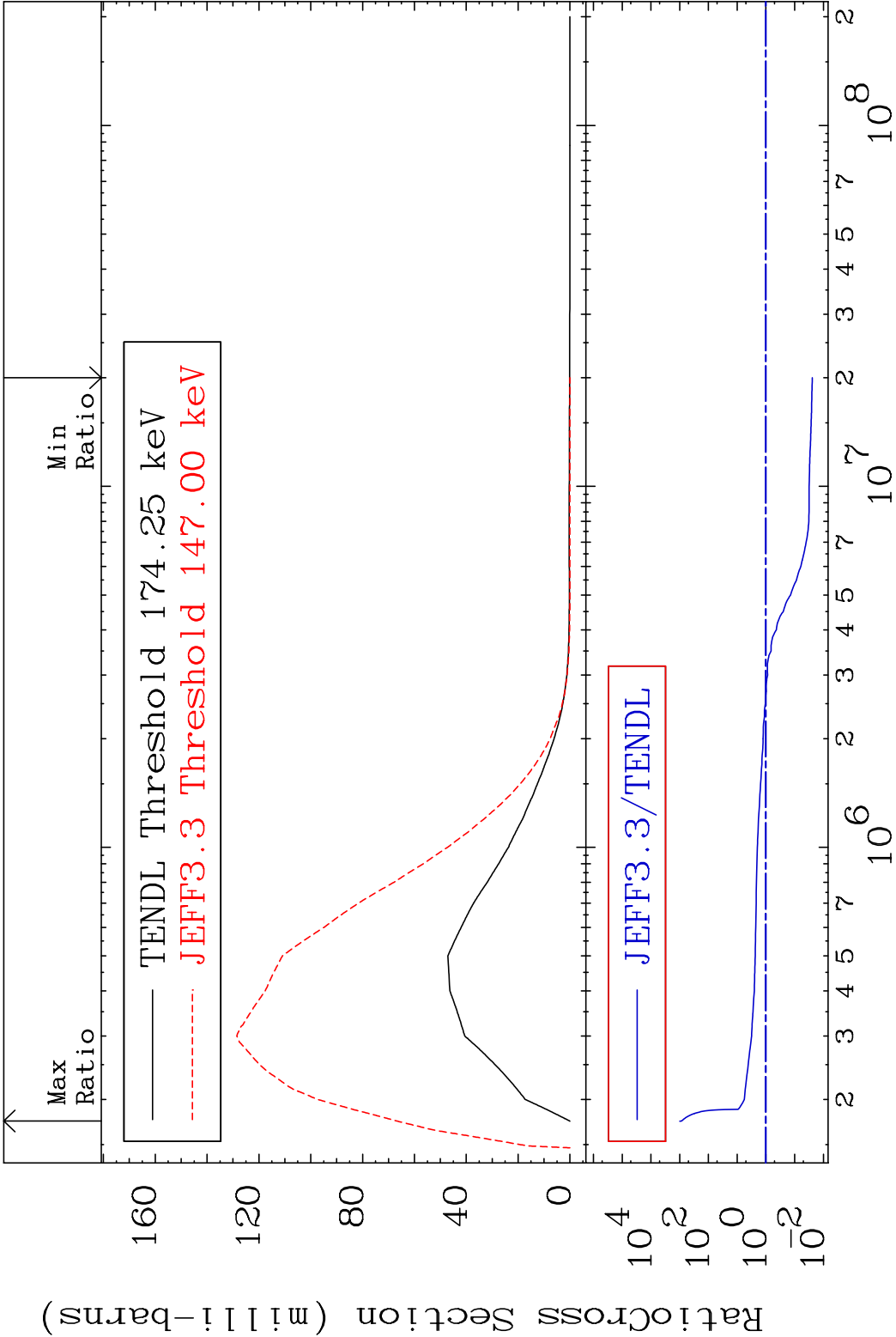
MAT 9031

MT= 61 (n,n') Level

90-Th-229

Cross Section

-97.55 To 9999. %



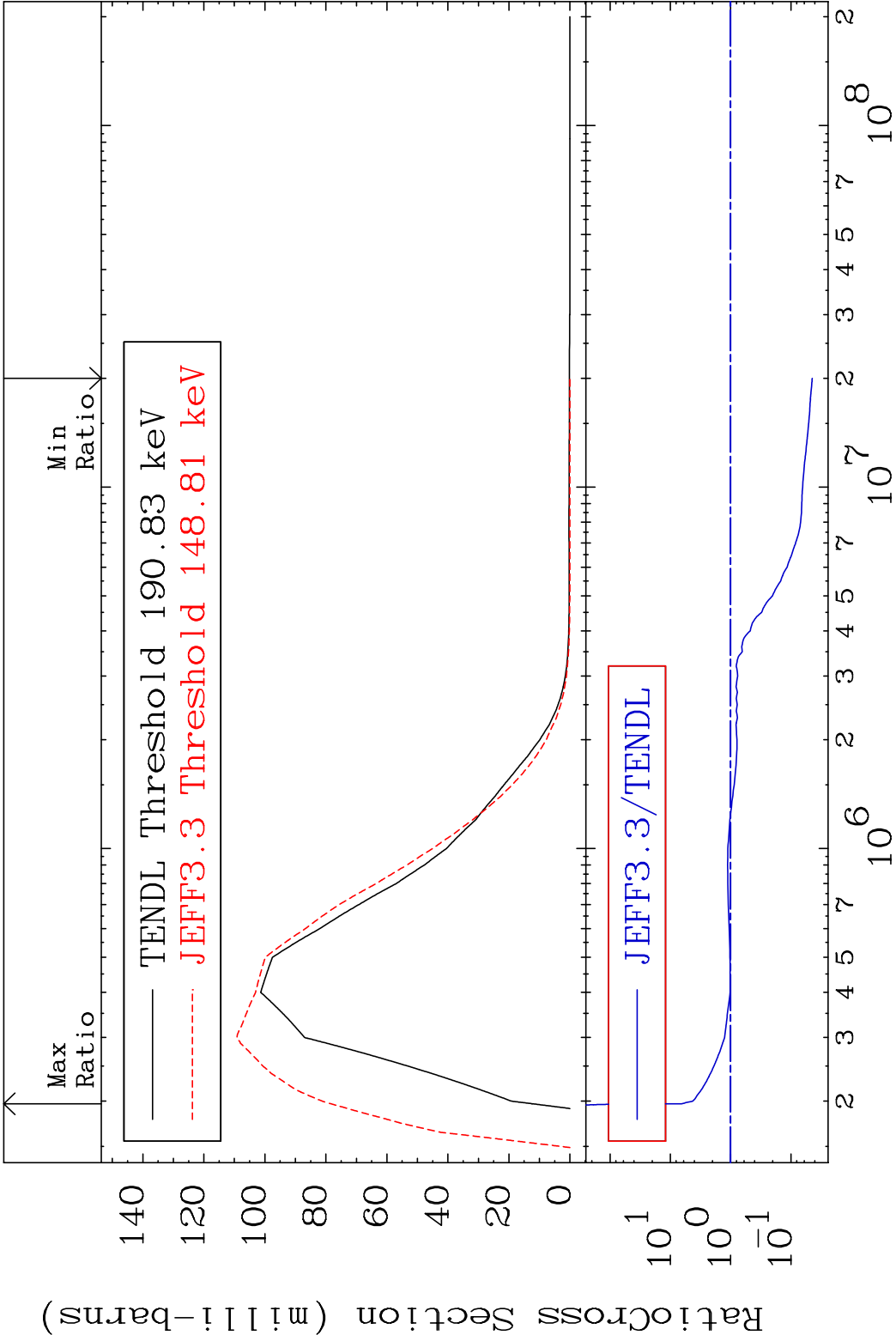
MAT 9031

MT= 62 (n,n') Level

90-Th-229

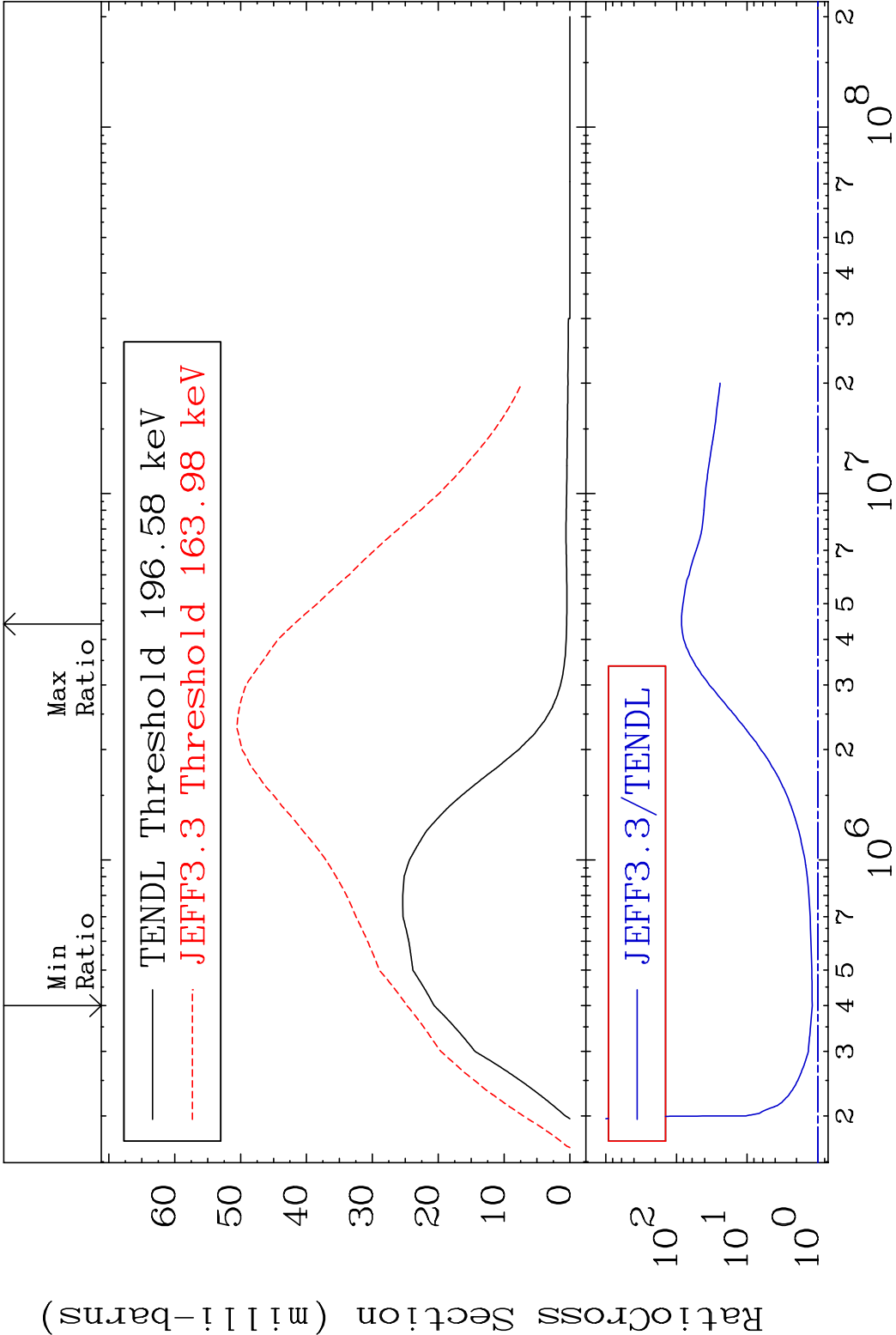
Cross Section

-95.58 To 551.8 %

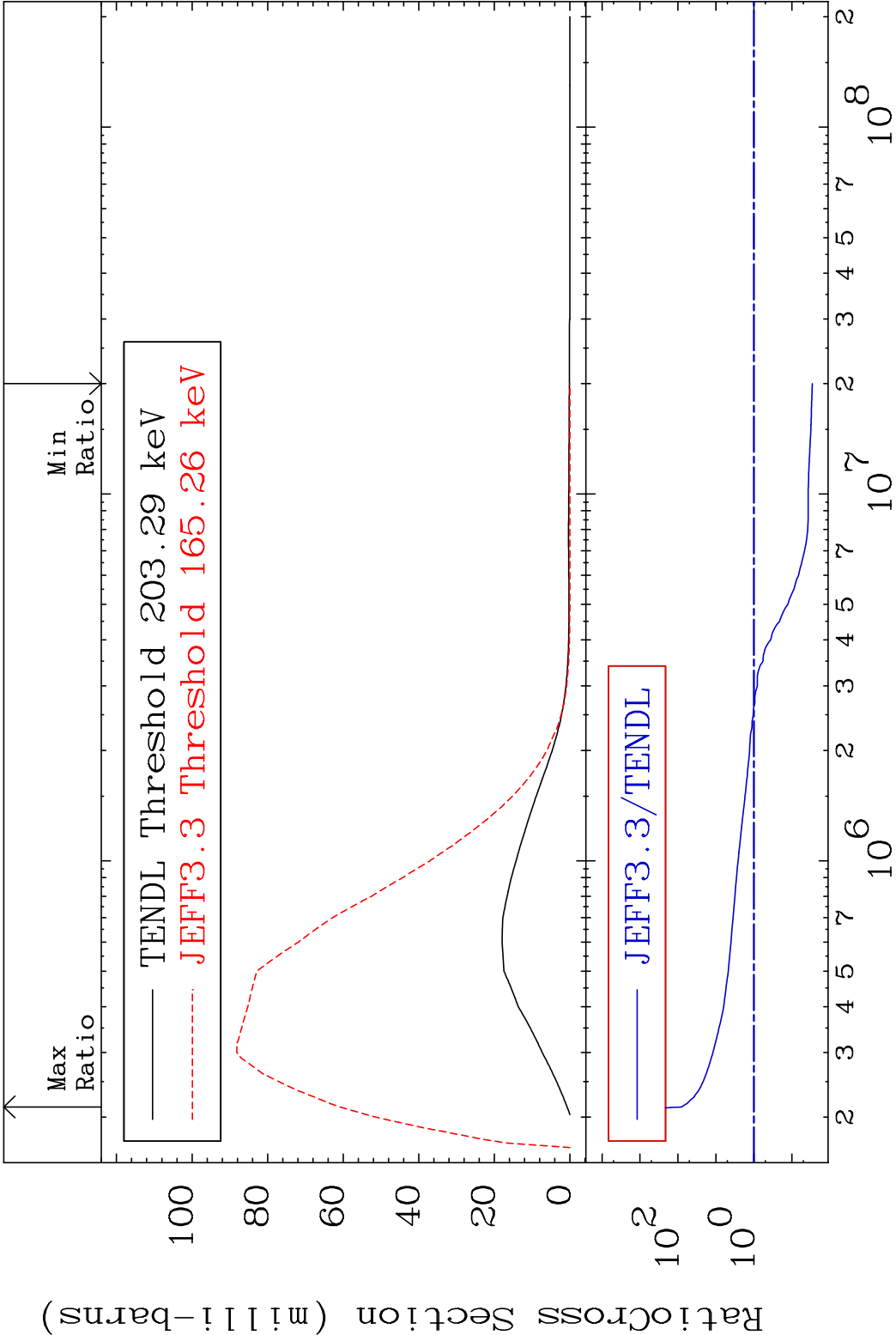


MAT 9031
MT= 63 (n,n')
Level
90-Th-229

Cross Section
19.90
To 8384. %



MAT 9031 MT= 64 (n,n') Level 90-Th-229
Cross Section -97.10 To 7954. %



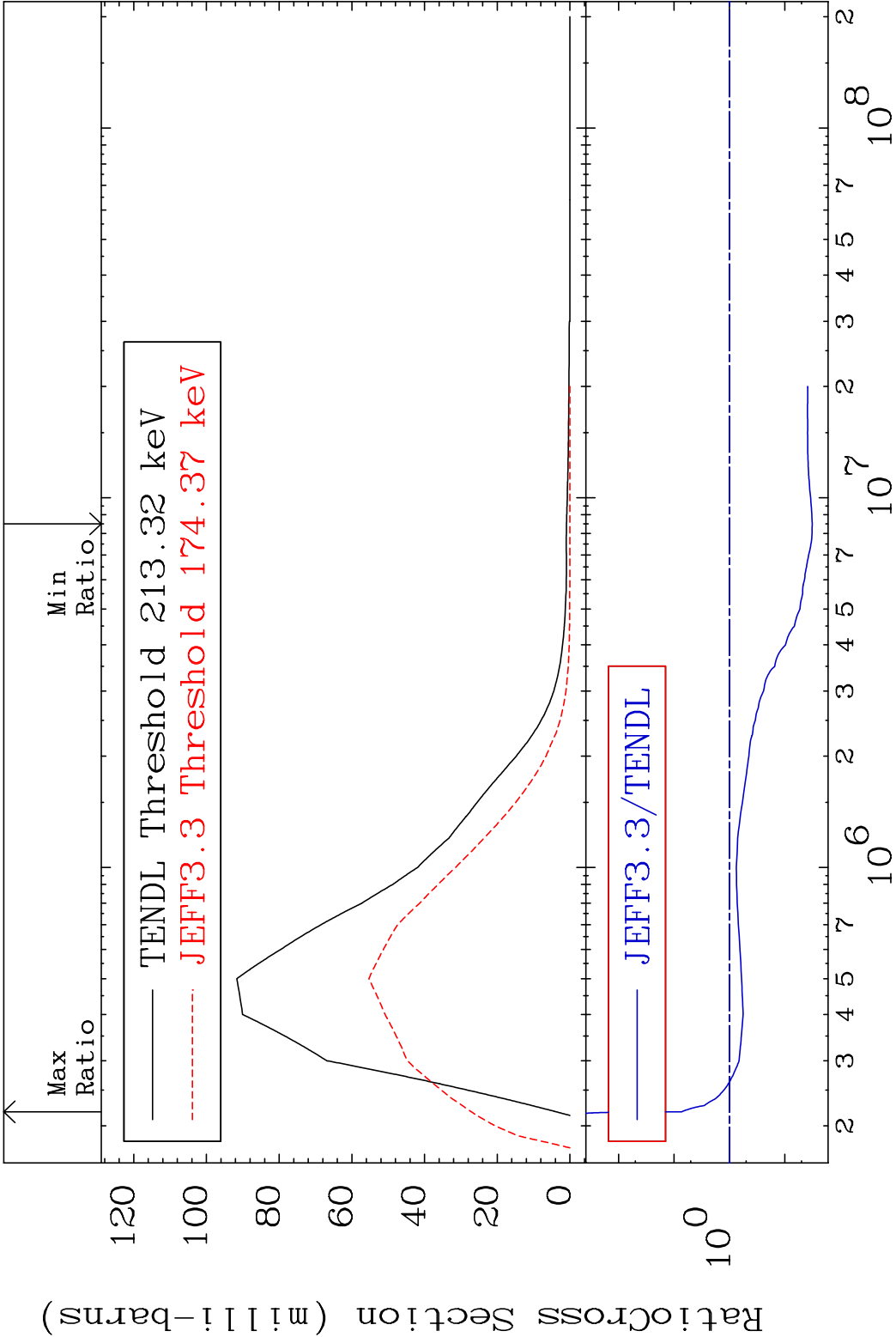
MAT 9031

MT= 65 (n,n') Level

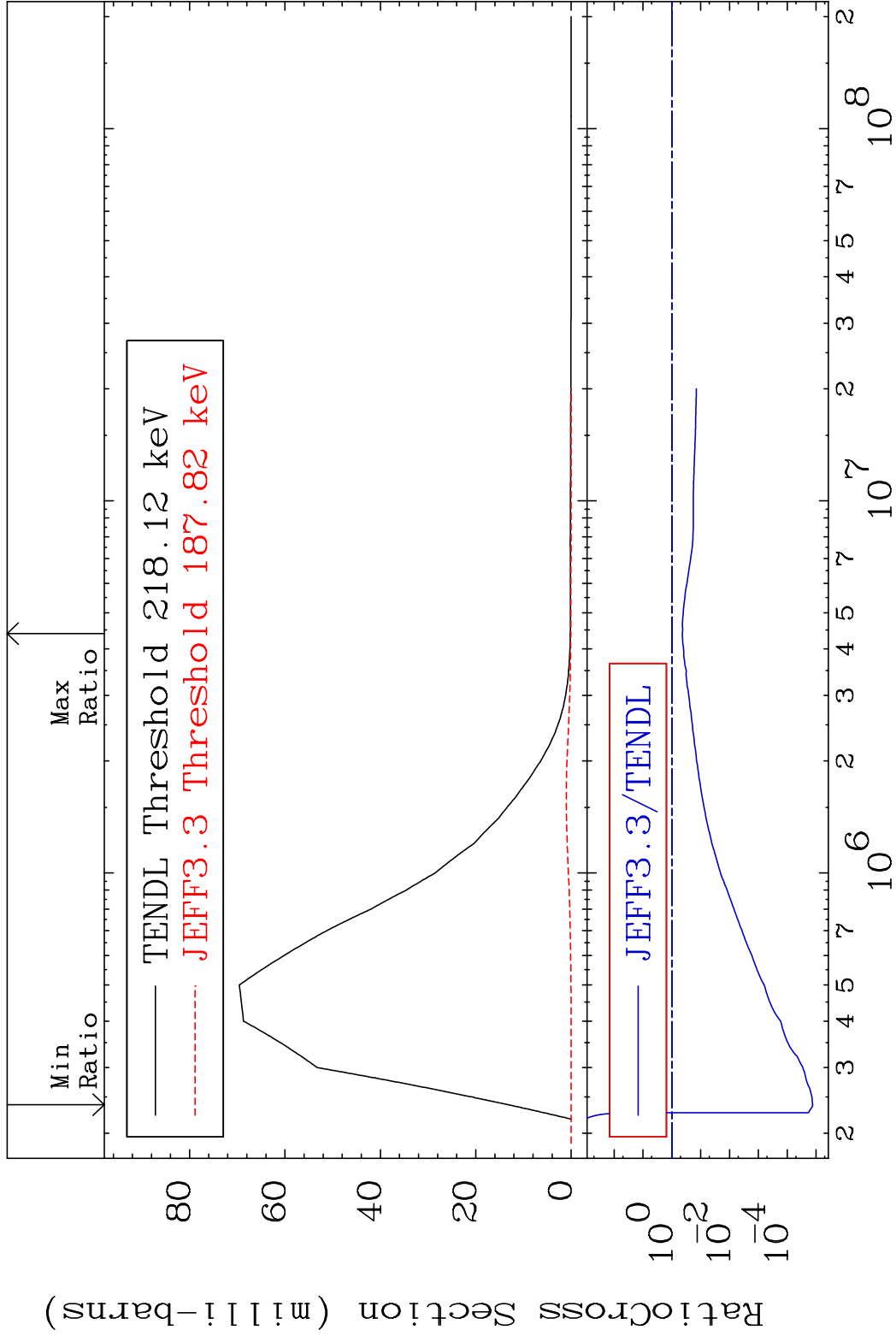
90-Th-229

Cross Section

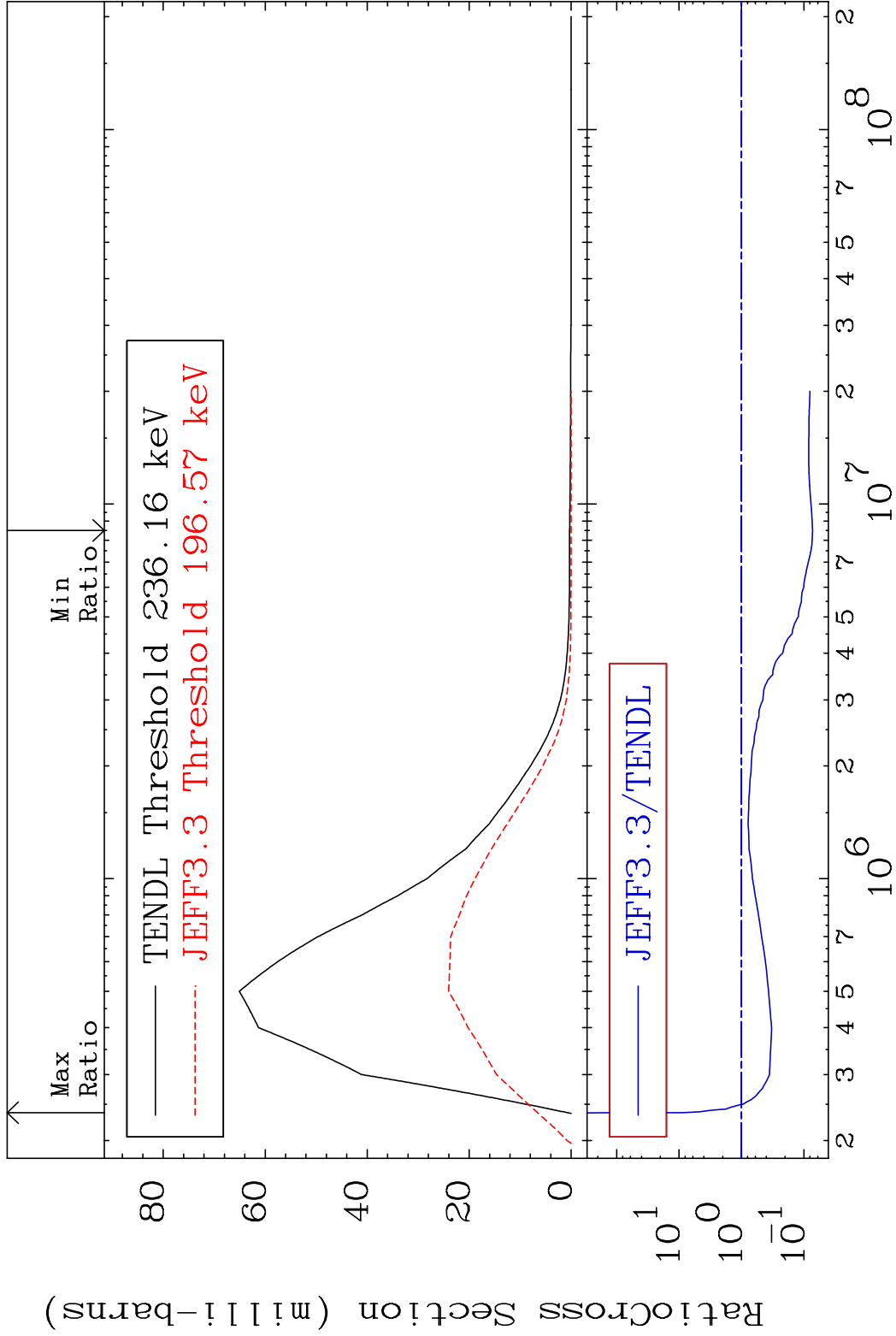
-96.81 To 632.4 %



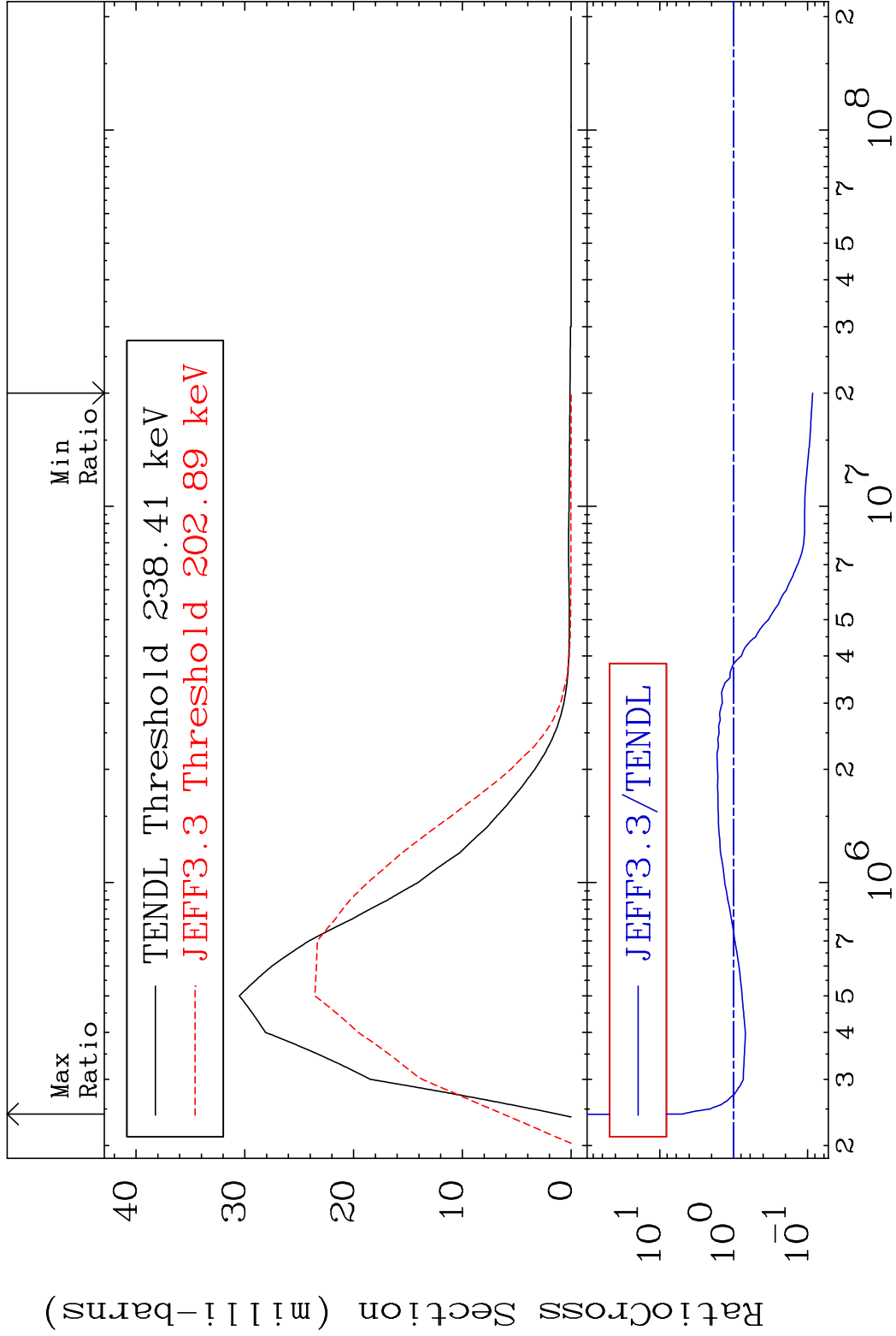
MAT 9031 MT= 66 (n,n') Level 90-Th-229
Cross Section -100.0 To -56.84%

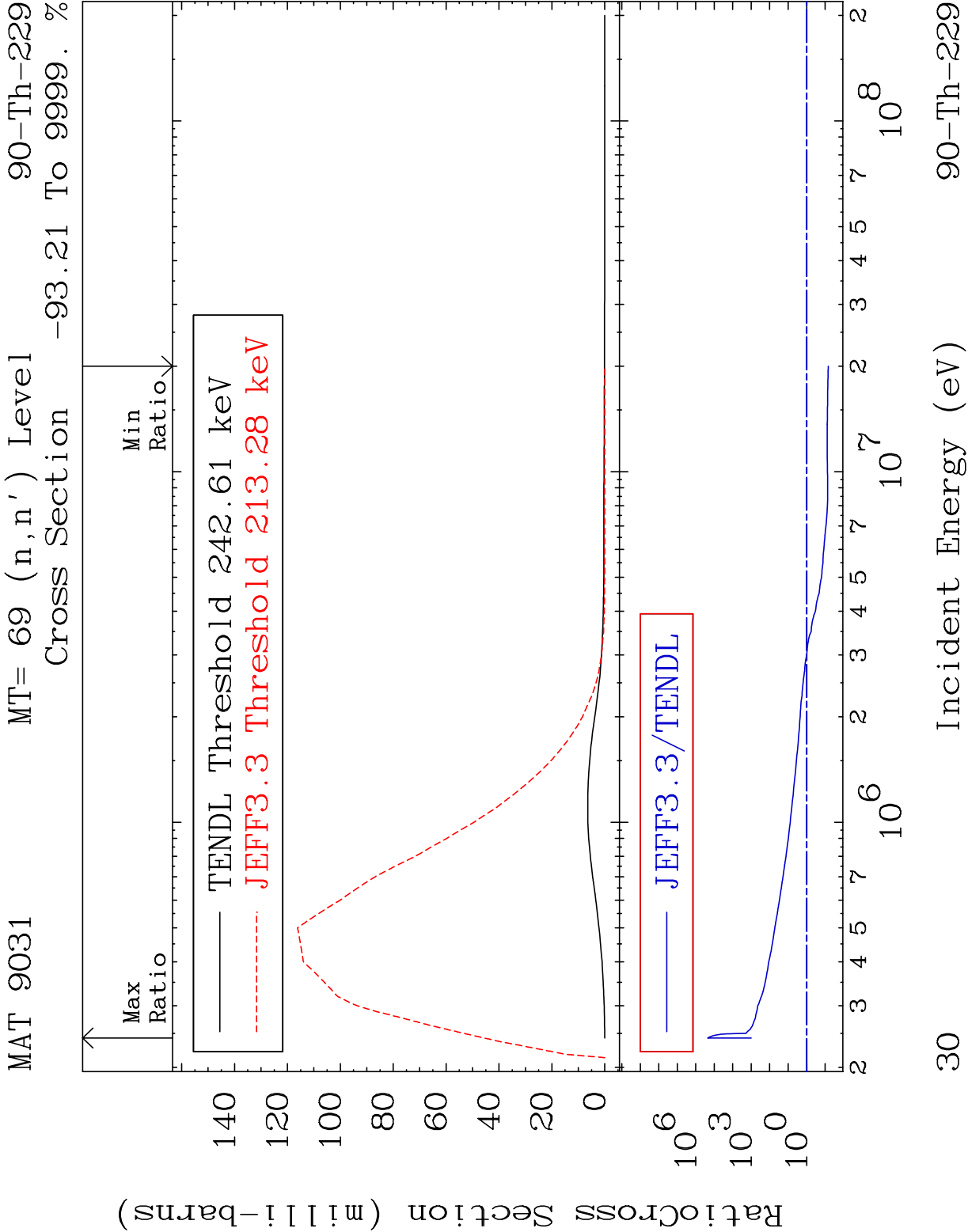


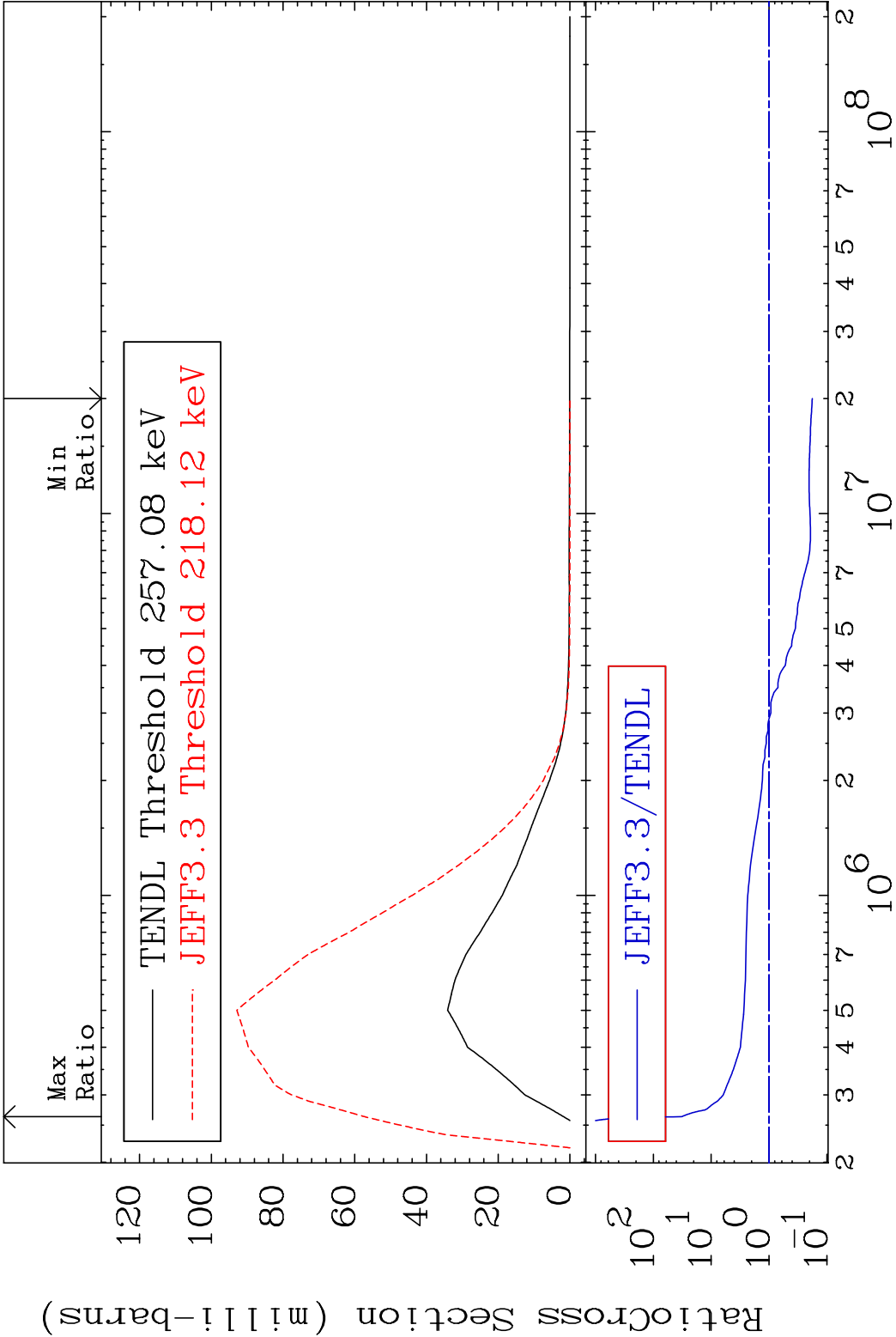
MAT 9031 MT= 67 (n,n') Level 90-Th-229
Cross Section -92.73 To 785.2 %

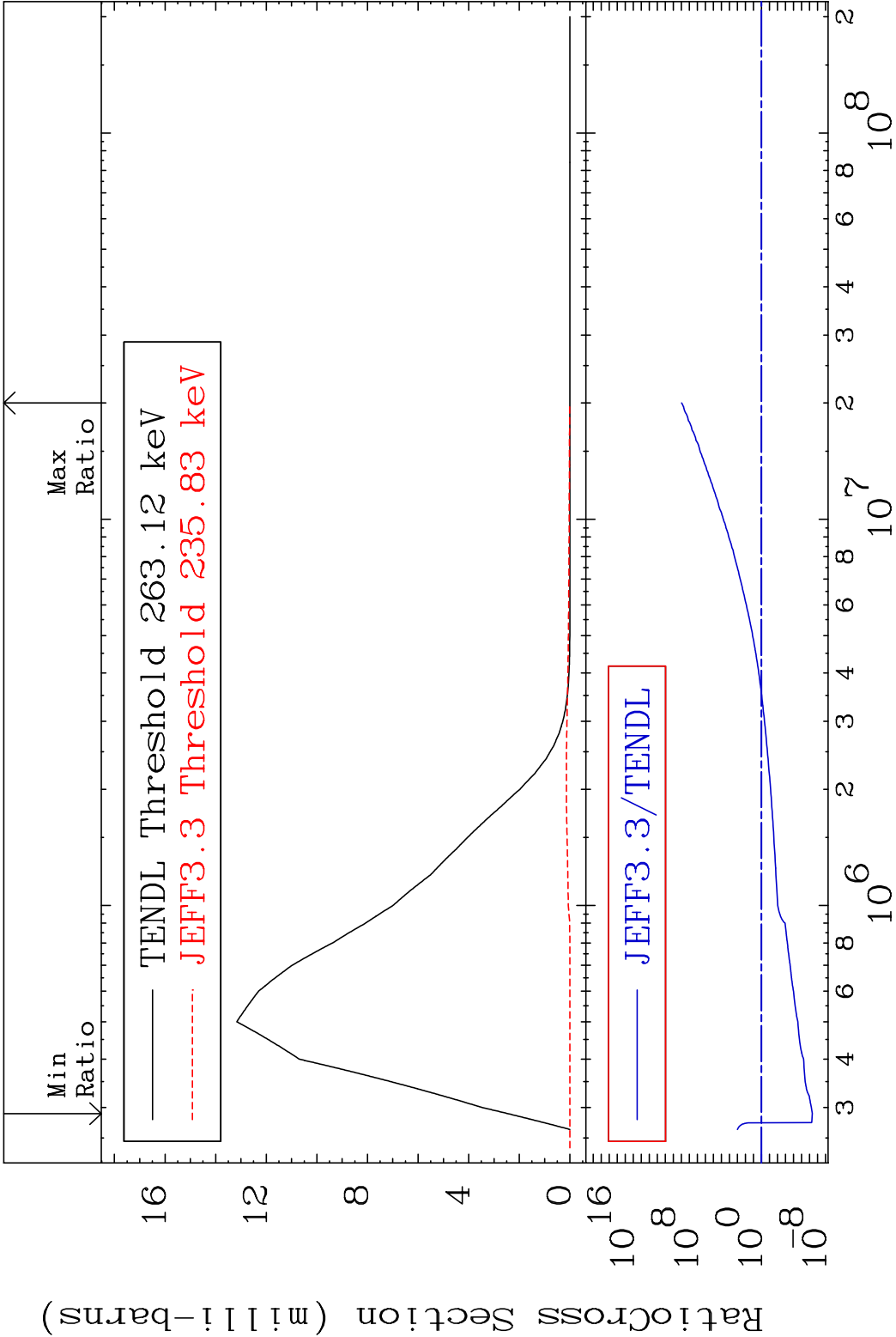


MAT 9031 MT= 68 (n,n') Level 90-Th-229
Cross Section -91.41 To 397.1 %

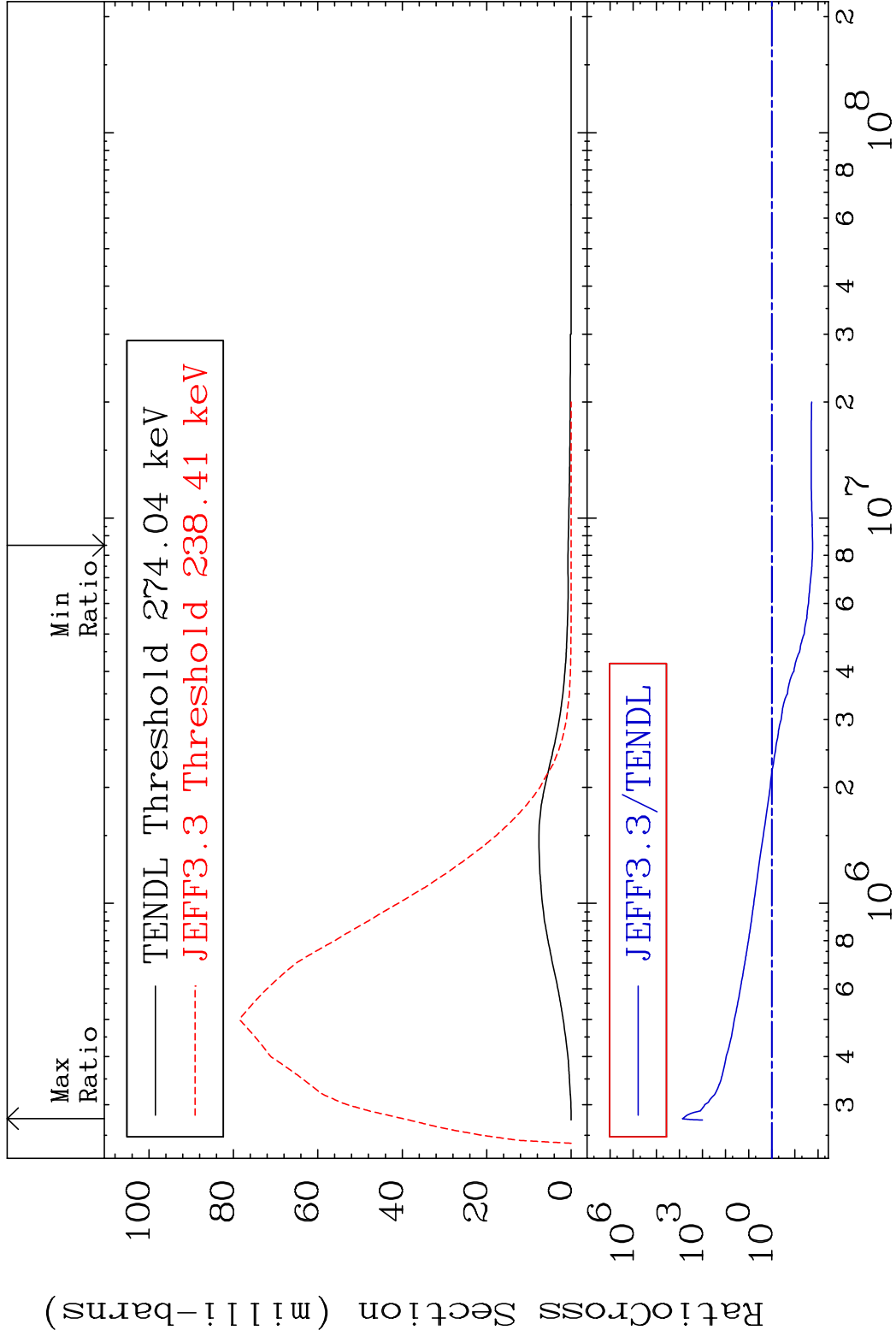




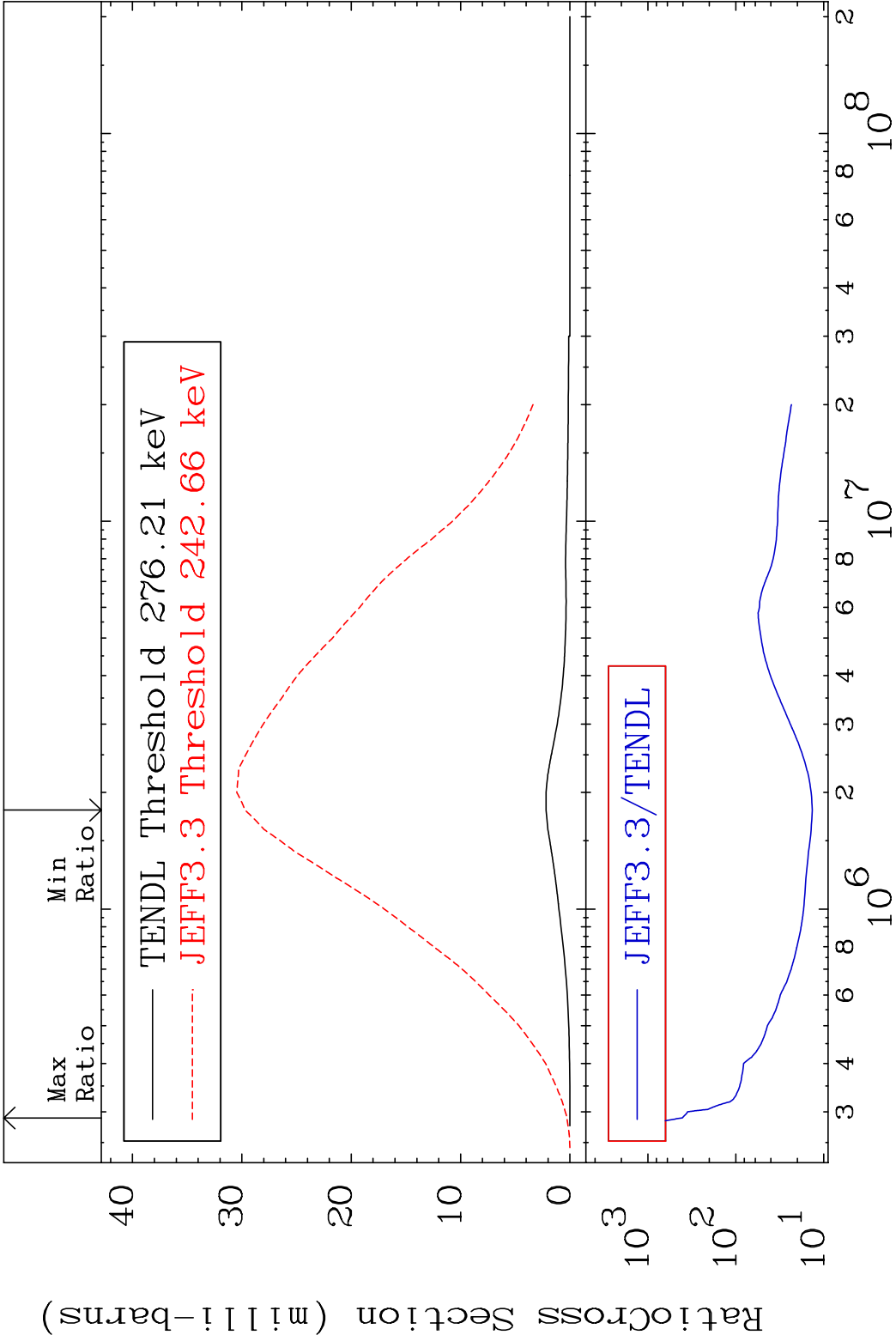




MAT 9031 MT= 72 (n,n') Level 90-Th-229
Cross Section -98.28 To 9999. %



MAT 9031 MT= 73 (n,n') Level 90-Th-229
Cross Section 1253. To 9999. %



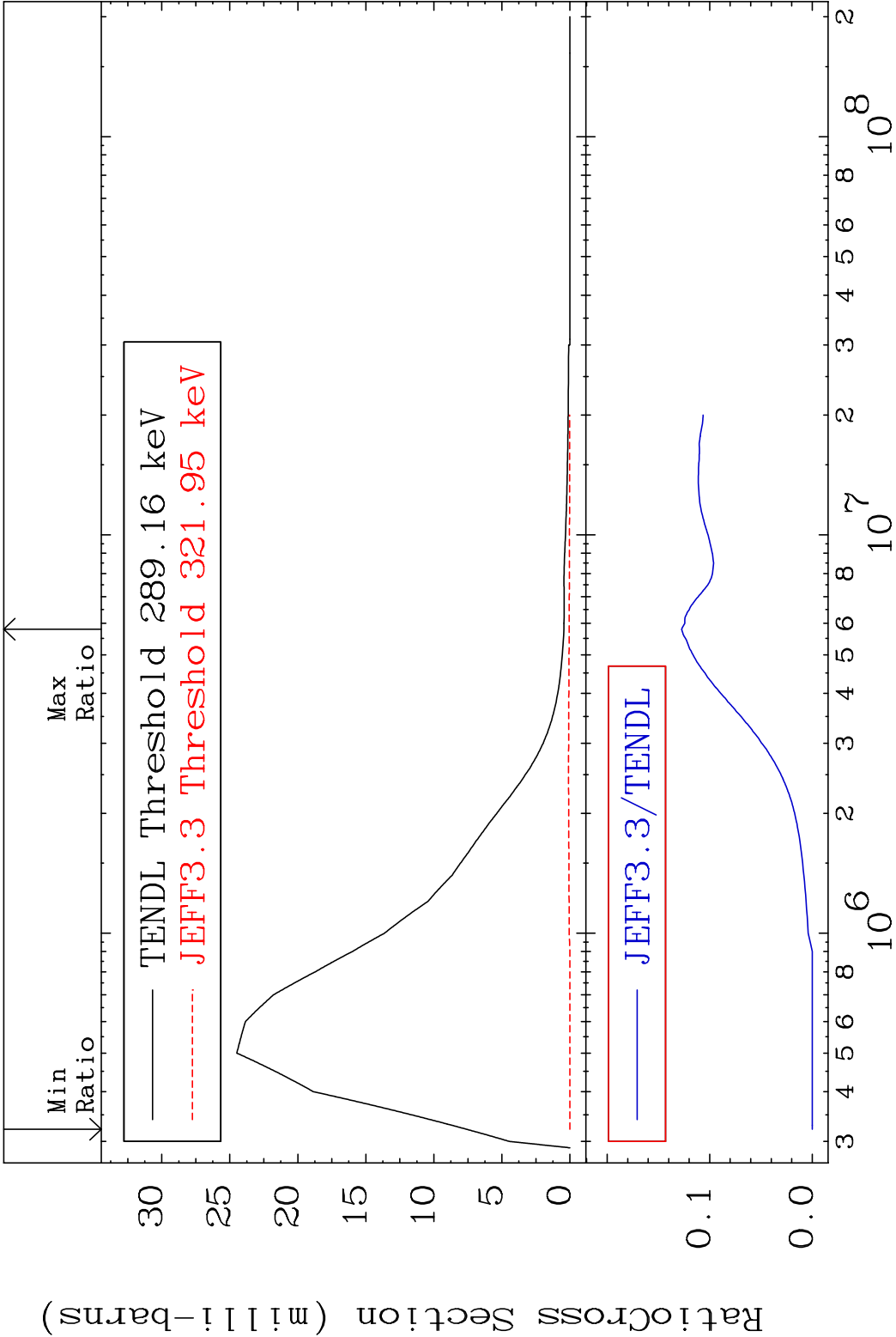
MAT 9031

MT= 74 (n,n') Level

90-Th-229

Cross Section

-100.0 To -87.25%



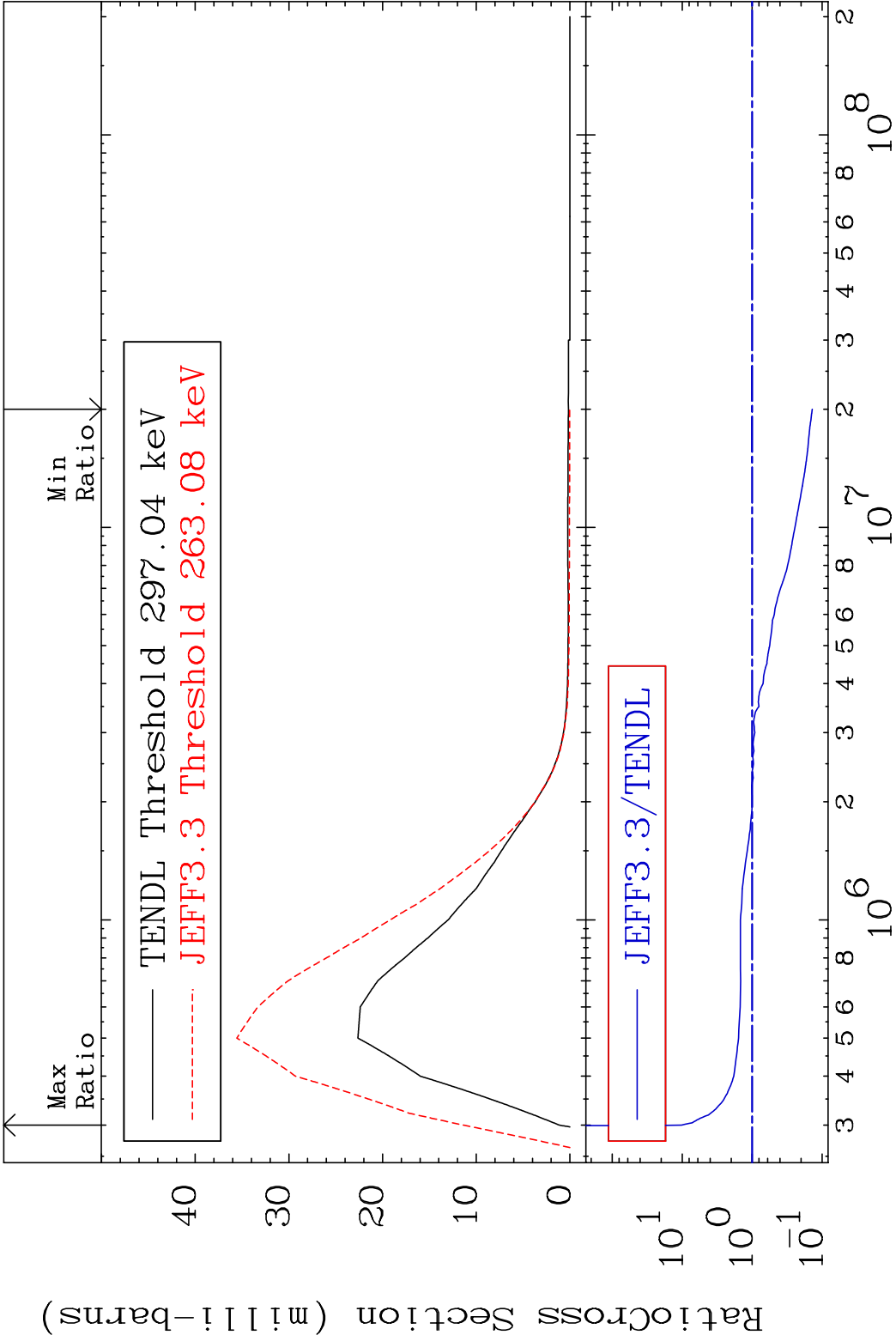
MAT 9031

MT= 75 (n,n') Level

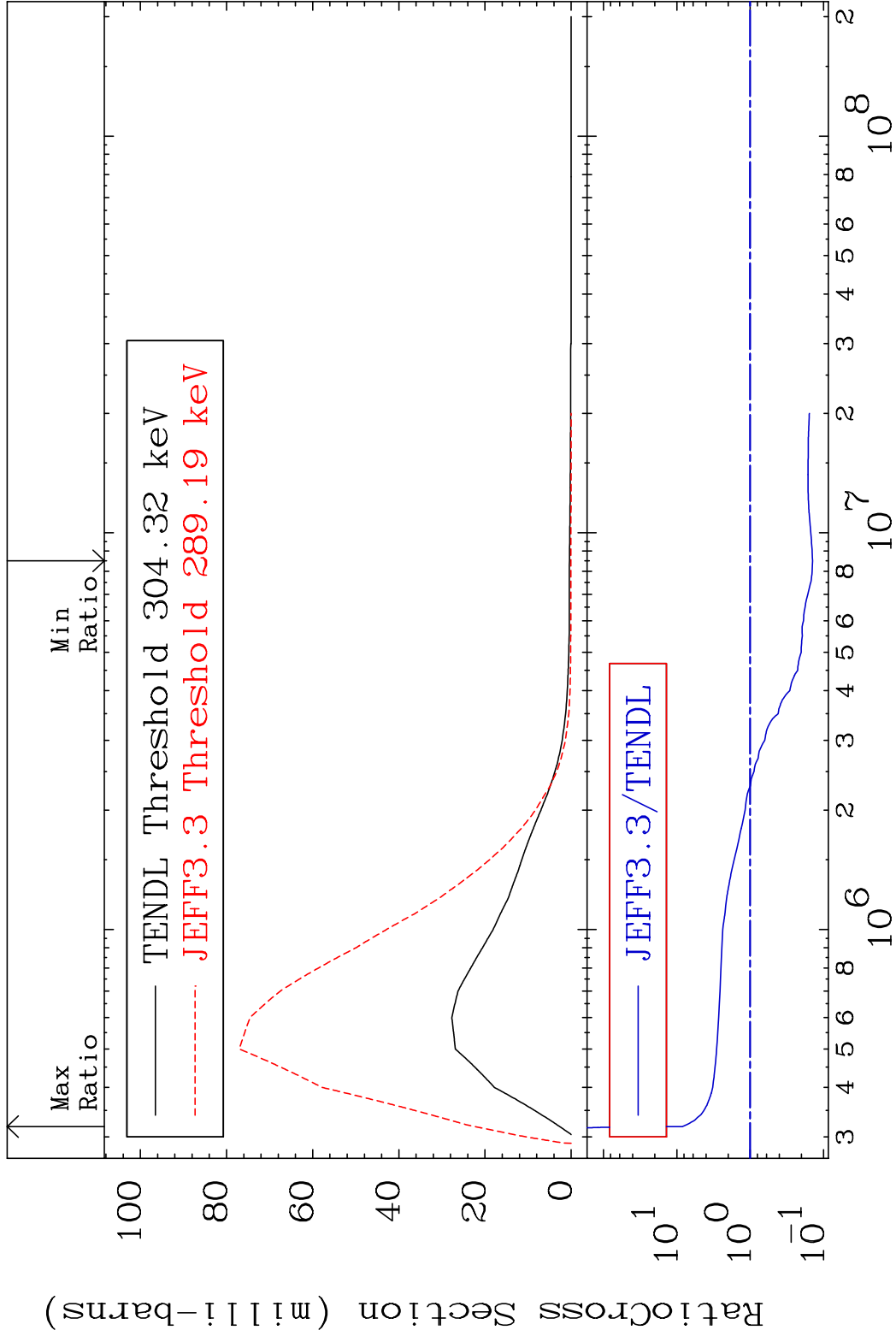
90-Th-229

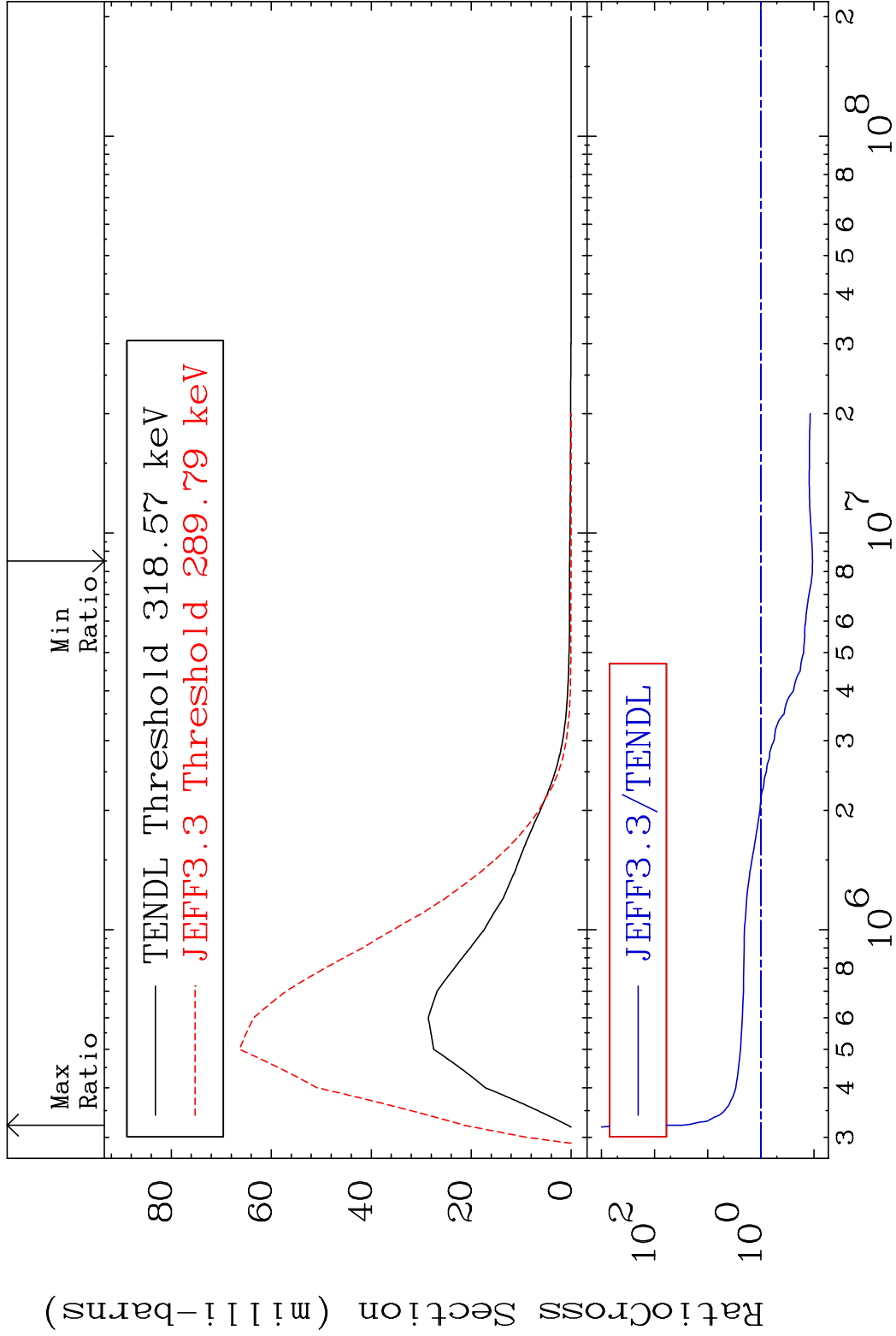
Cross Section

-86.15 To 923.8 %

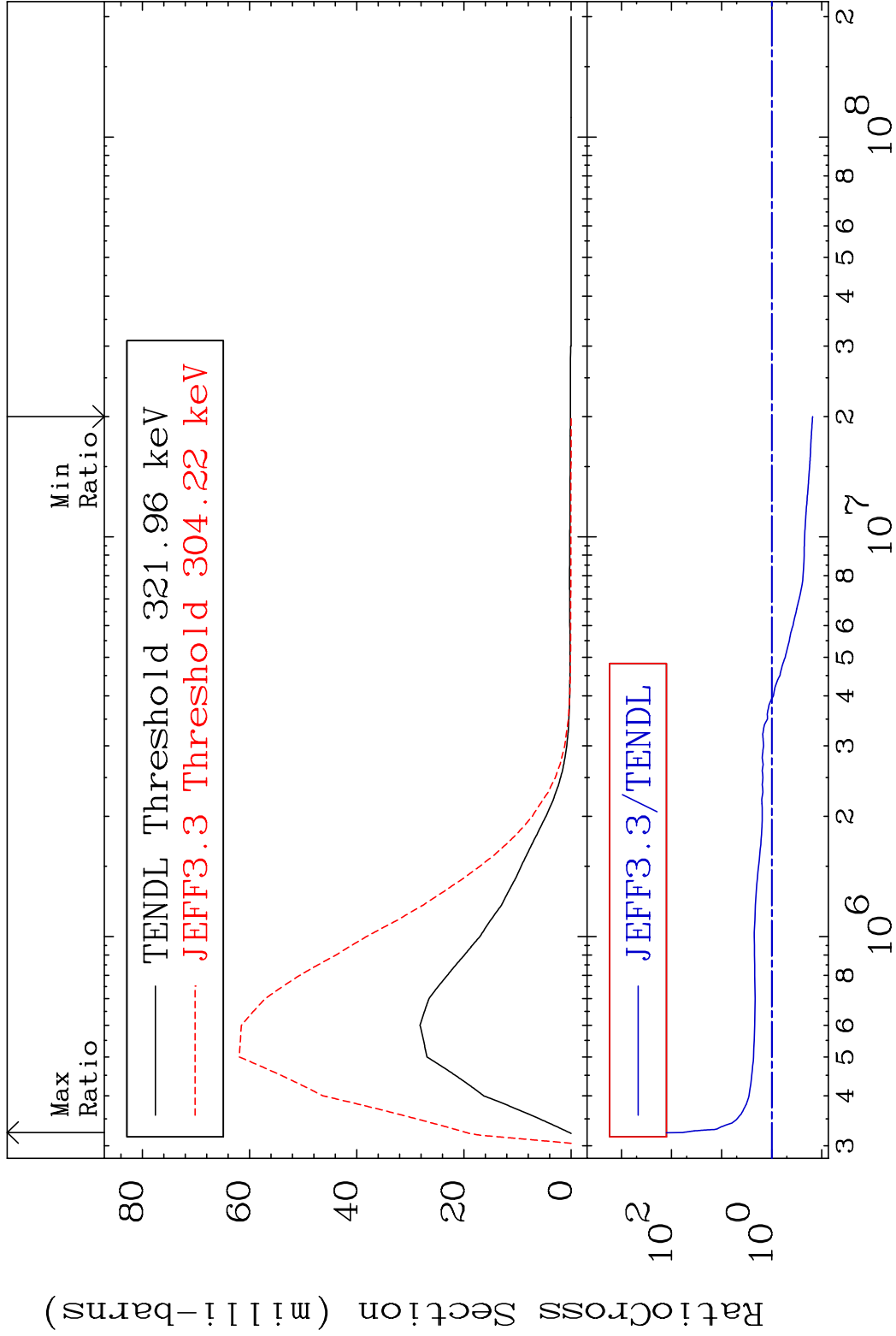


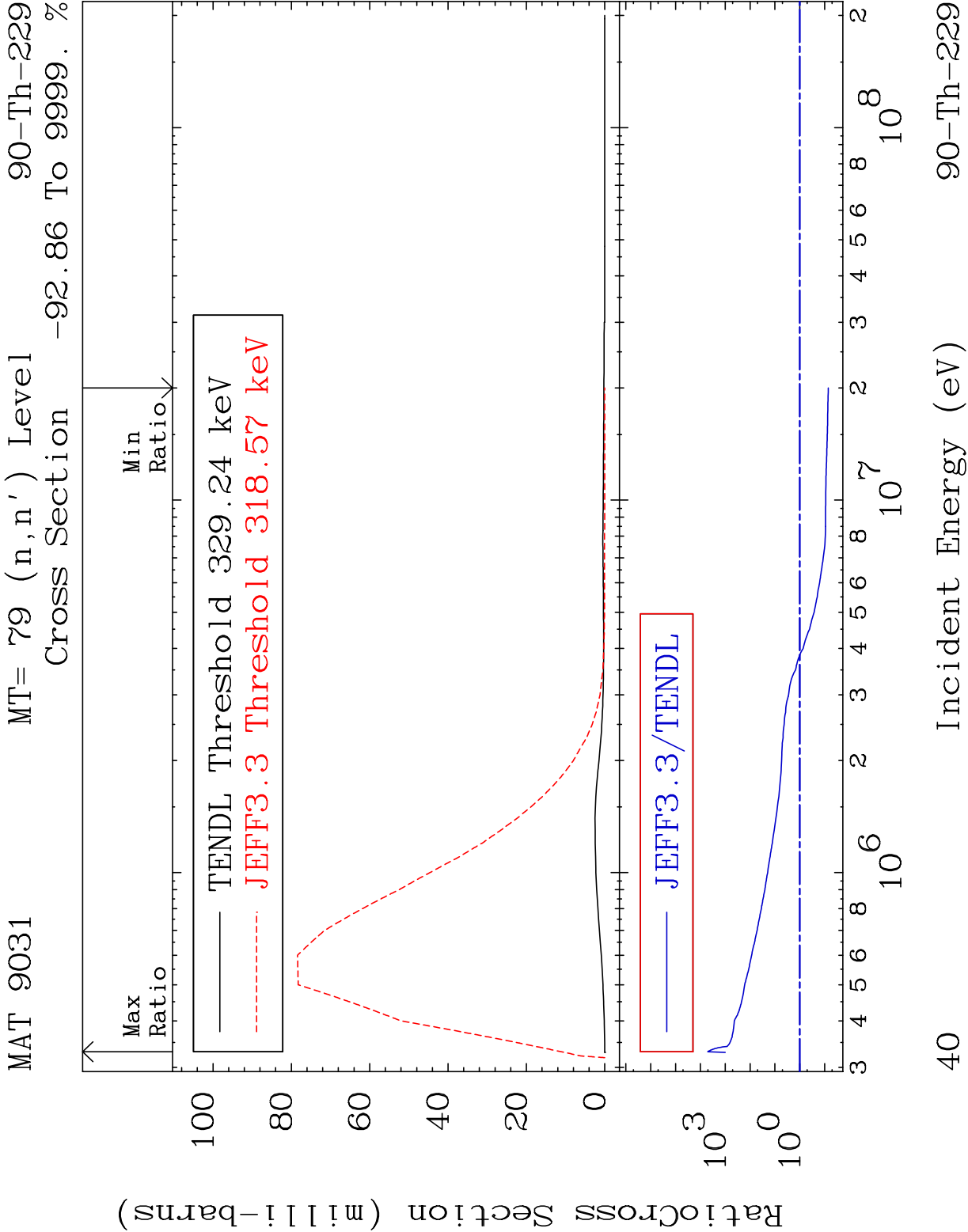
MAT 9031 MT= 76 (n,n') Level 90-Th-229
Cross Section -85.87 To 741.6 %

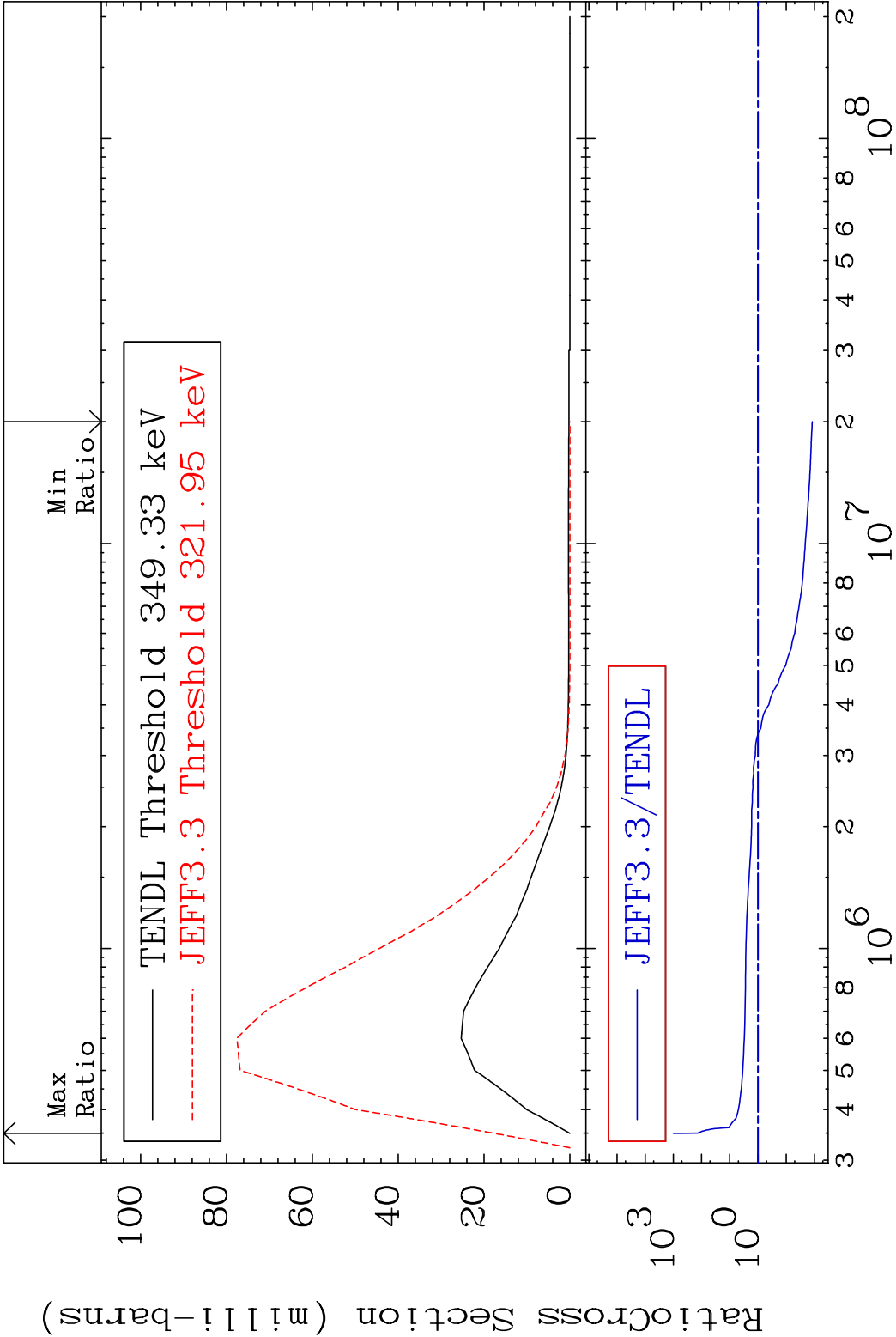


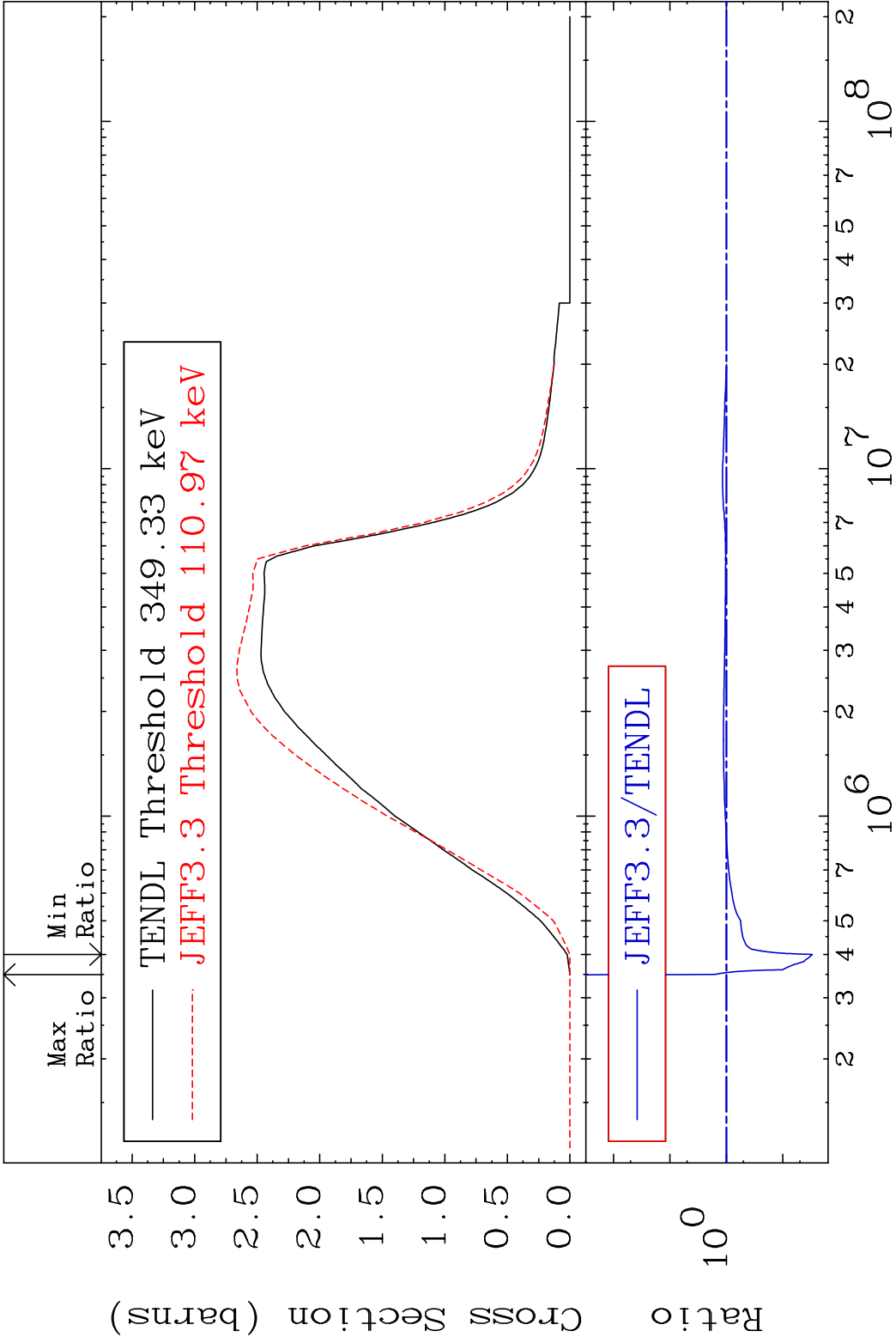


MAT 9031 MT= 78 (n,n') Level 90-Th-229
Cross Section -84.71 To 5983. %







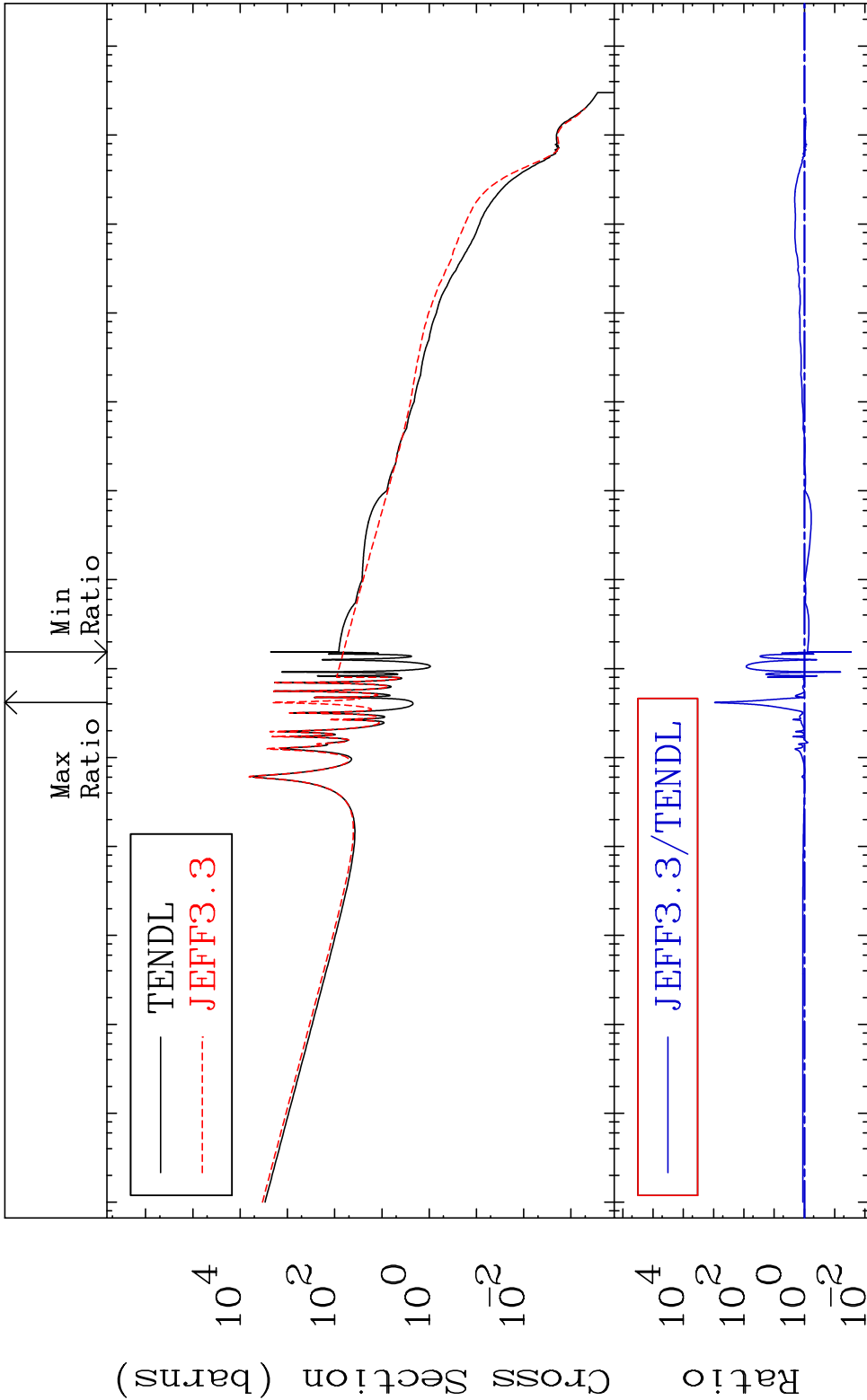


MAT 9031

(n, γ)

90-Th-229

Cross Section -97.14 To 9999. %



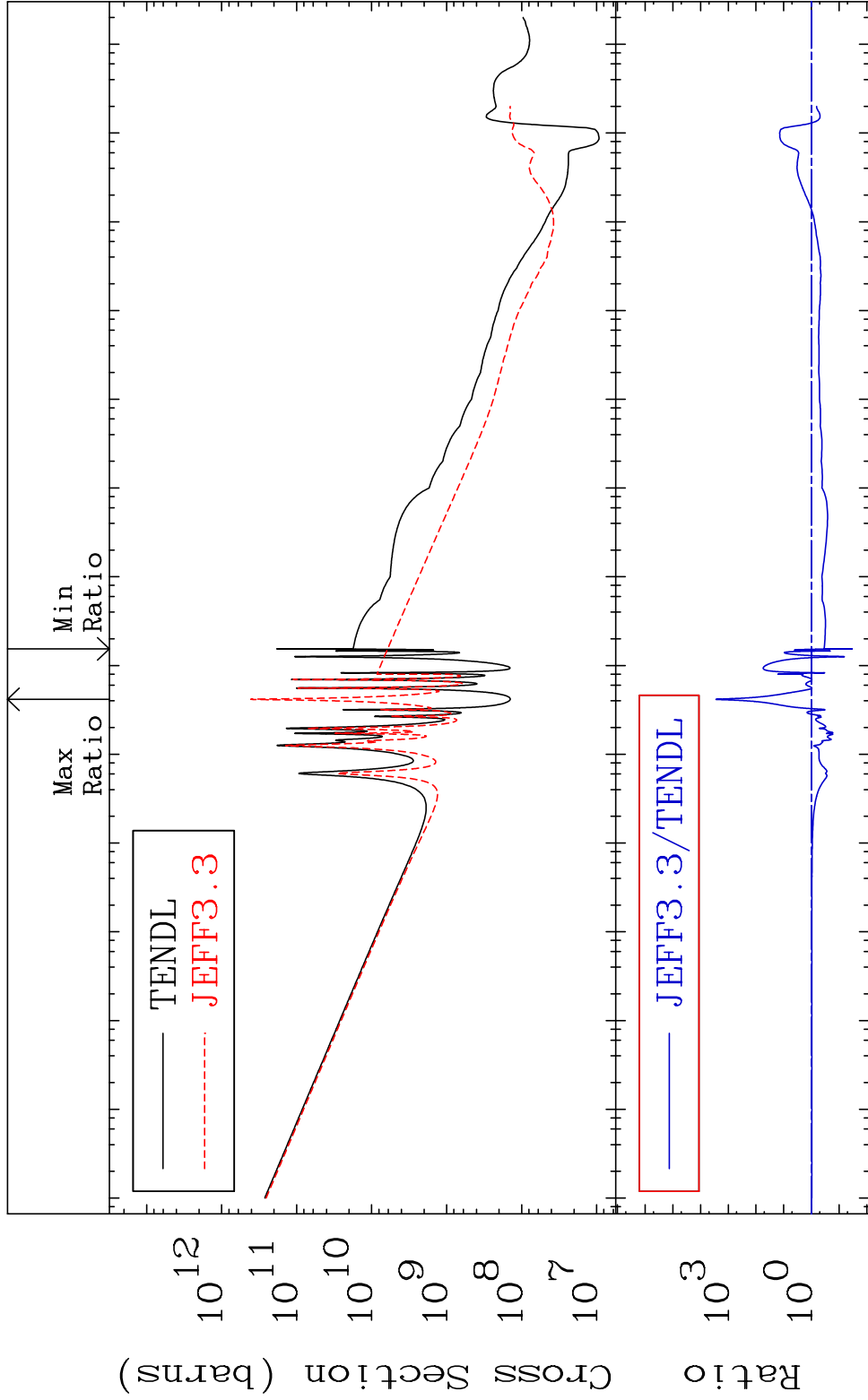
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

43

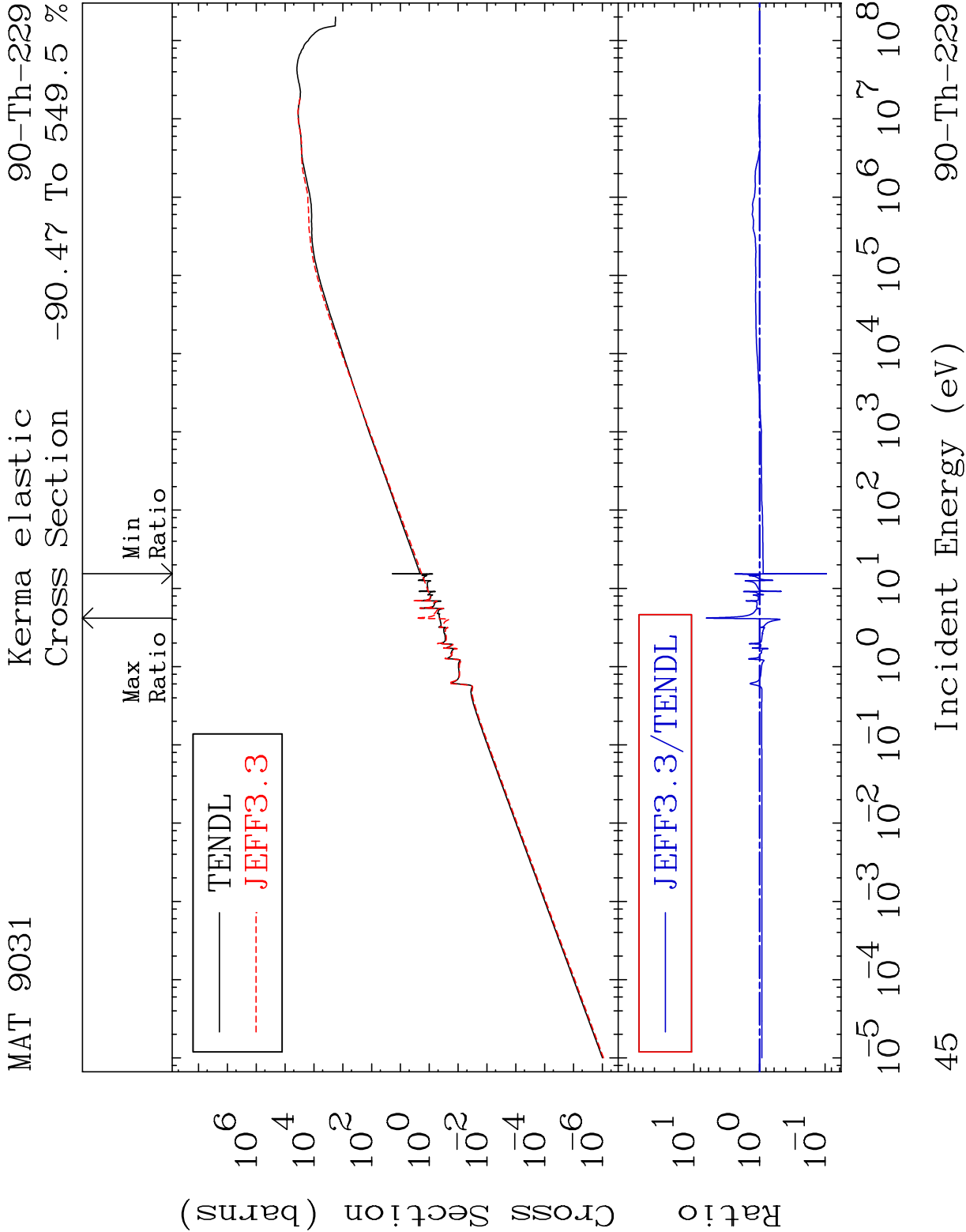
Incident Energy (eV)

90-Th-229

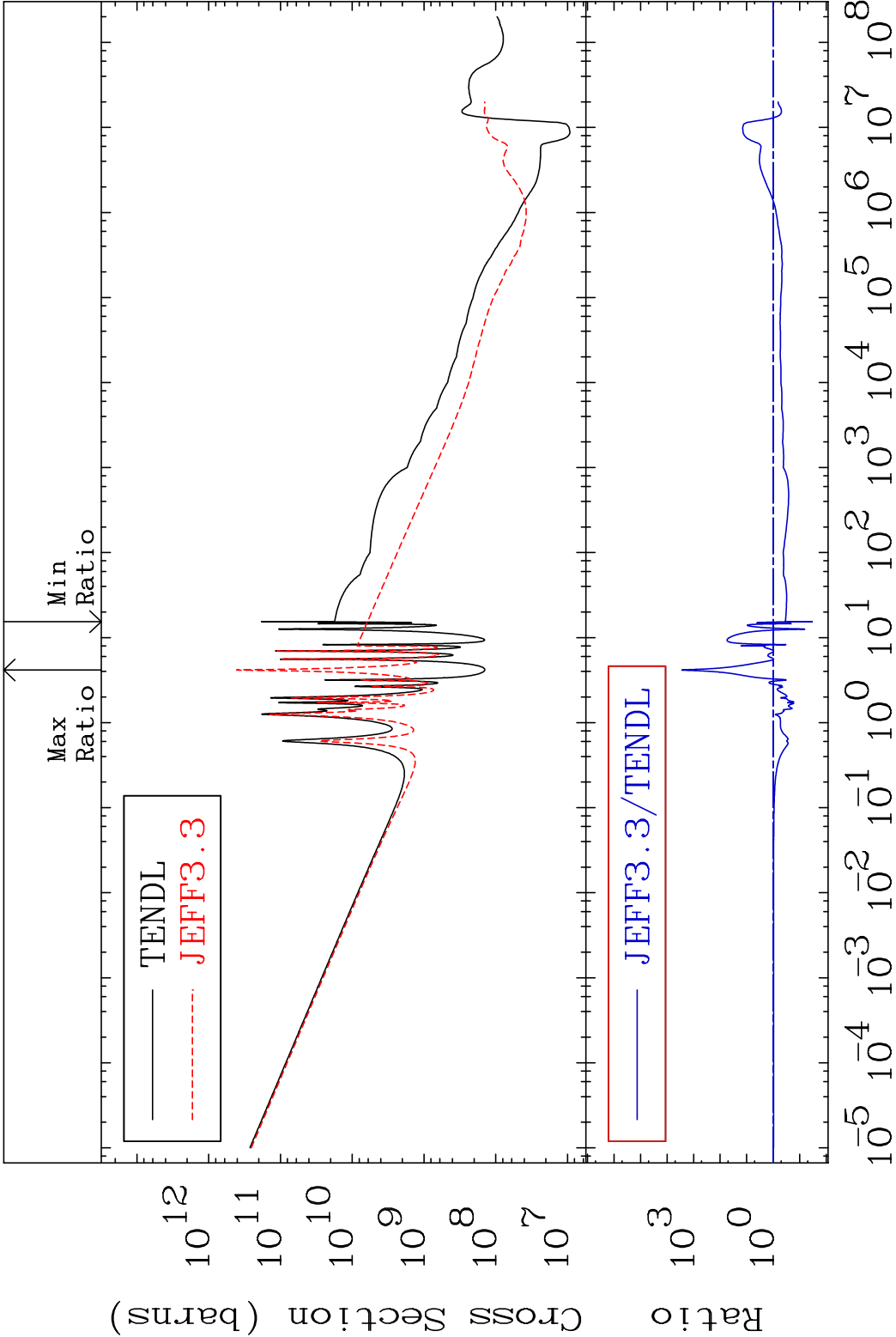
MAT 9031 Kerma total (eV-barns) 90-Th-229
Cross Section -96.65 To 9999. %

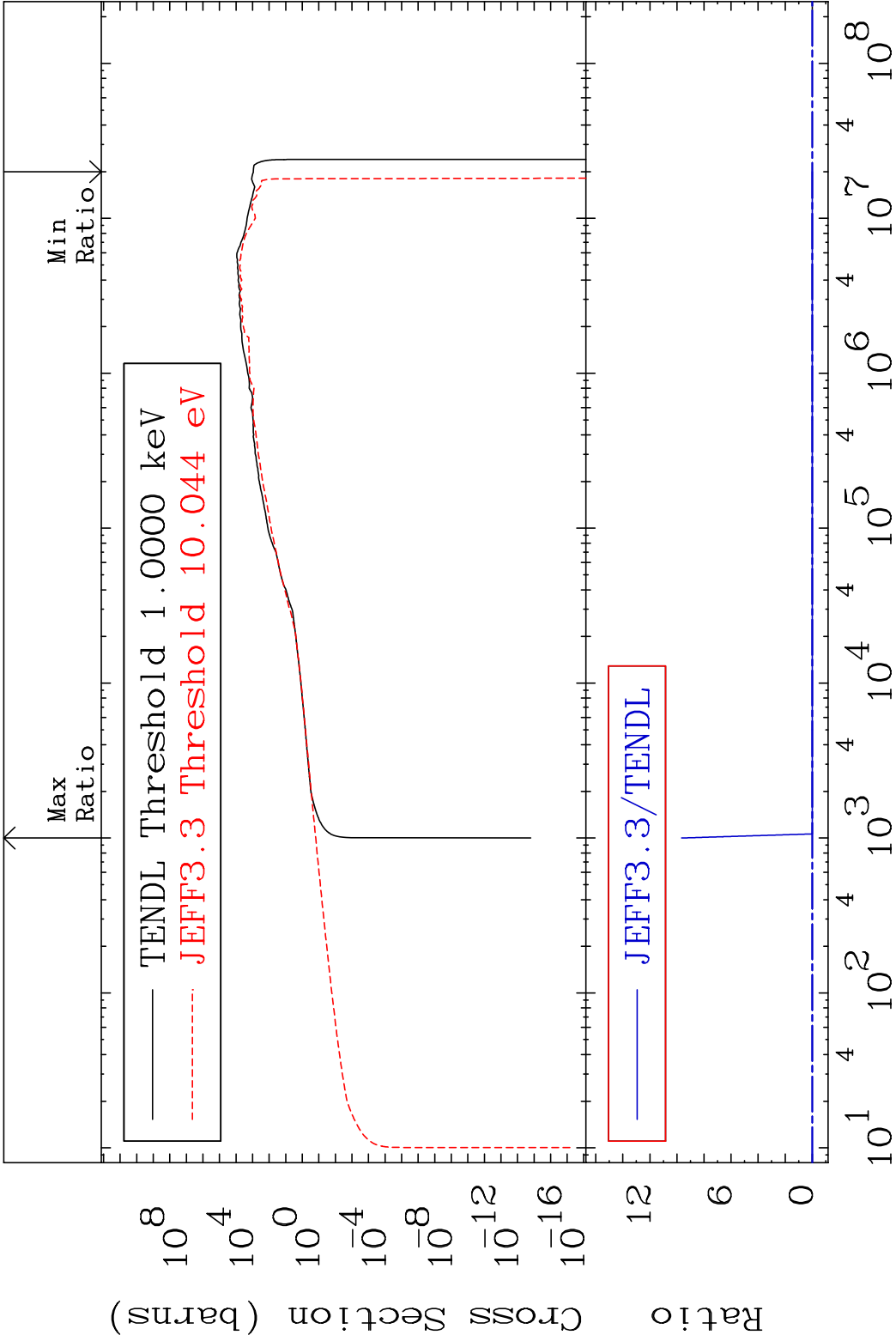


JEFF3.3/TENDL

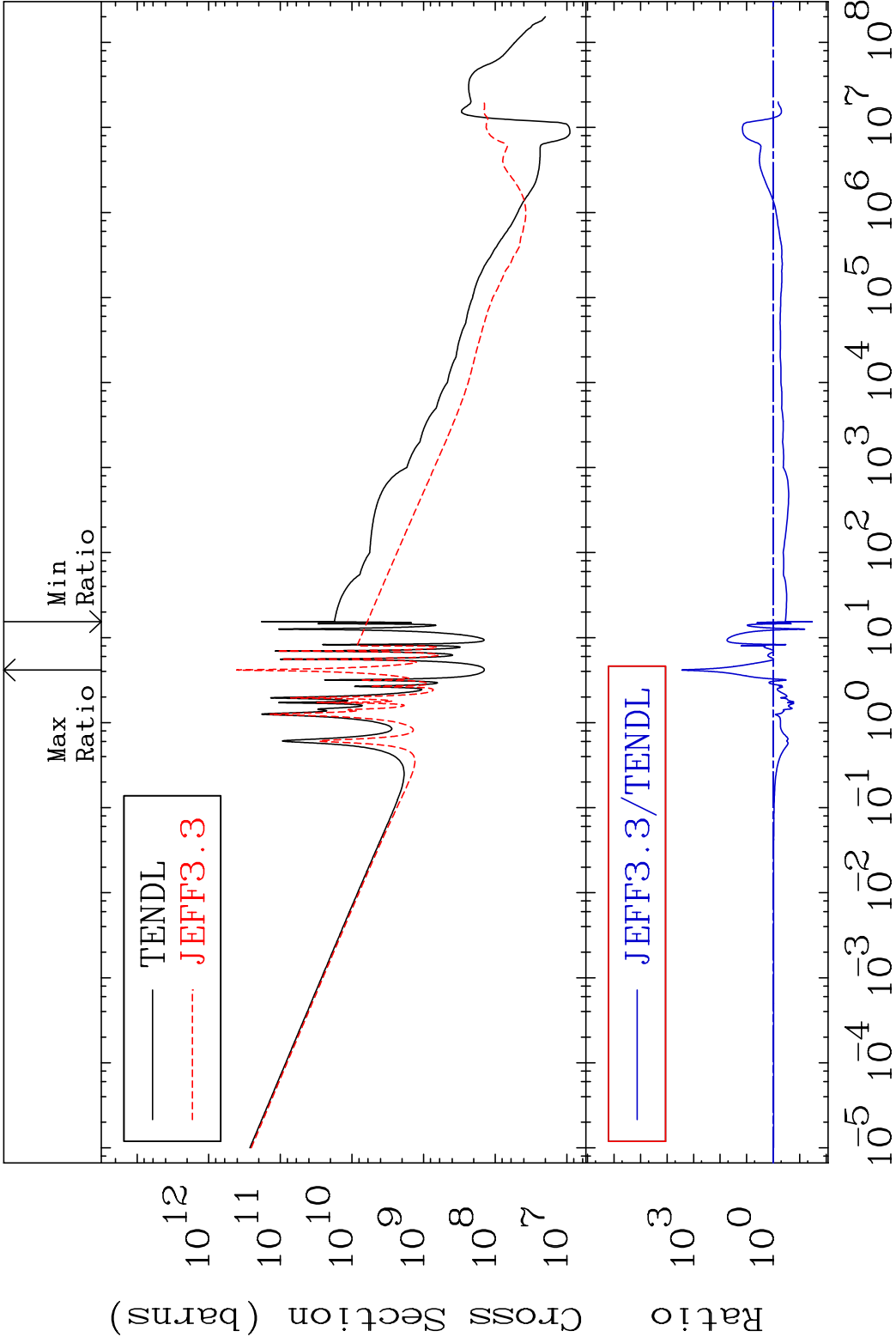


MAT 9031 Kerma non-elastic (all but mt2) 90-Th-229
Cross Section -96.65 To 9999. %



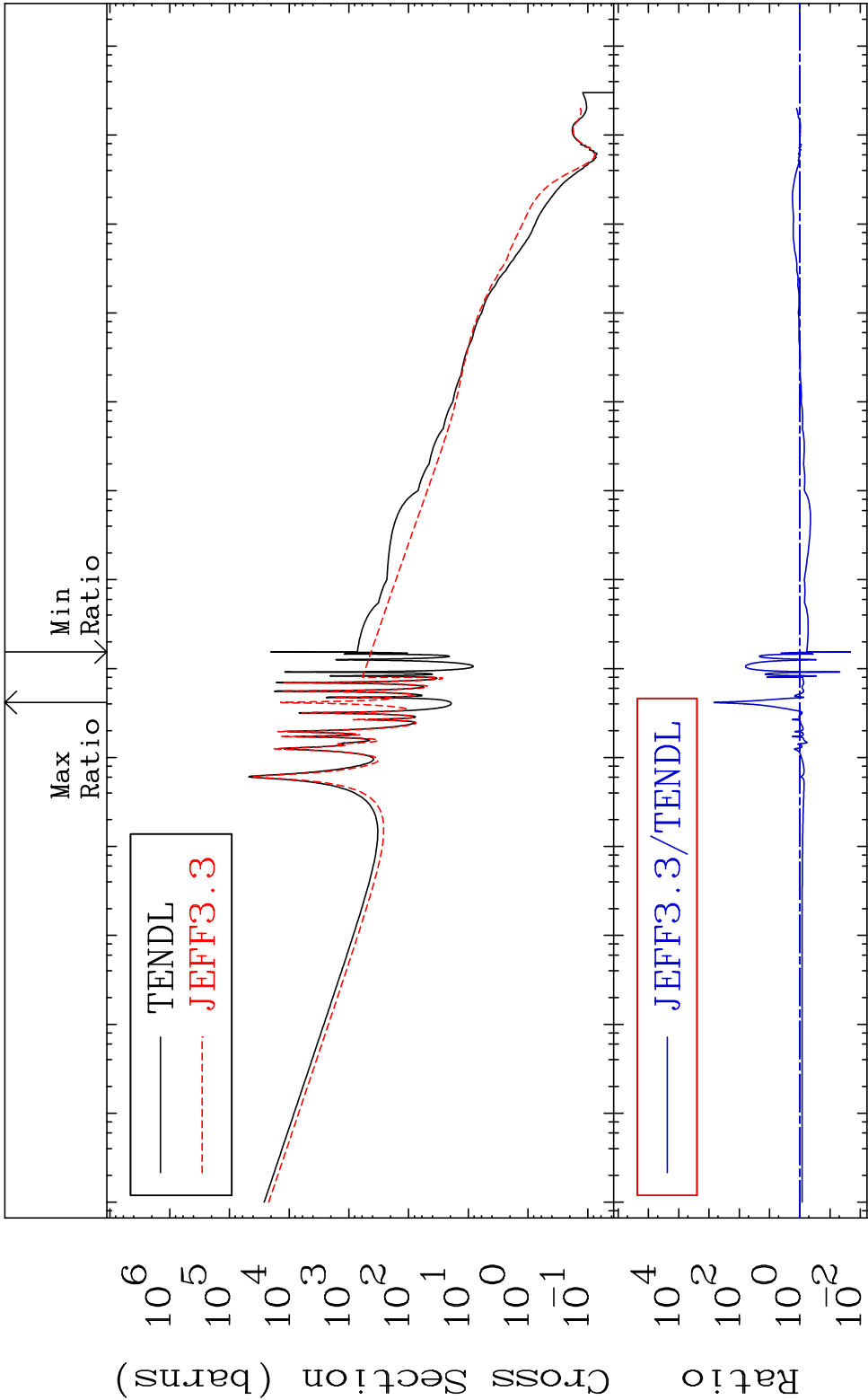


MAT 9031 Kerma fission (mt18 or mt19-20-21-38)90-Th-229
Cross Section -96.65 To 9999. %

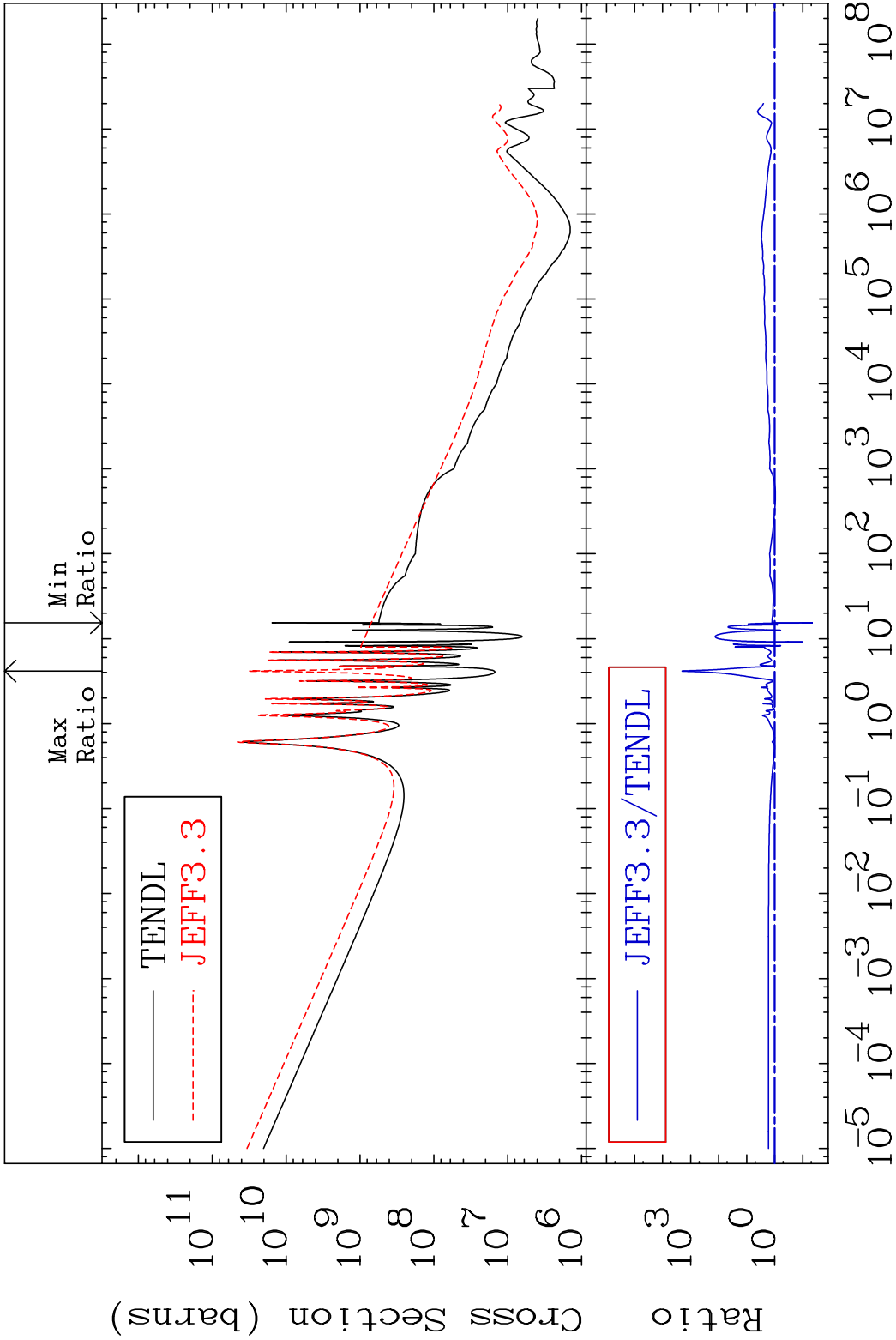


48 Incident Energy (eV) 90-Th-229

MAT 9031 Kerma capture (mt102) 90-Th-229
Cross Section -97.88 To 9999. %

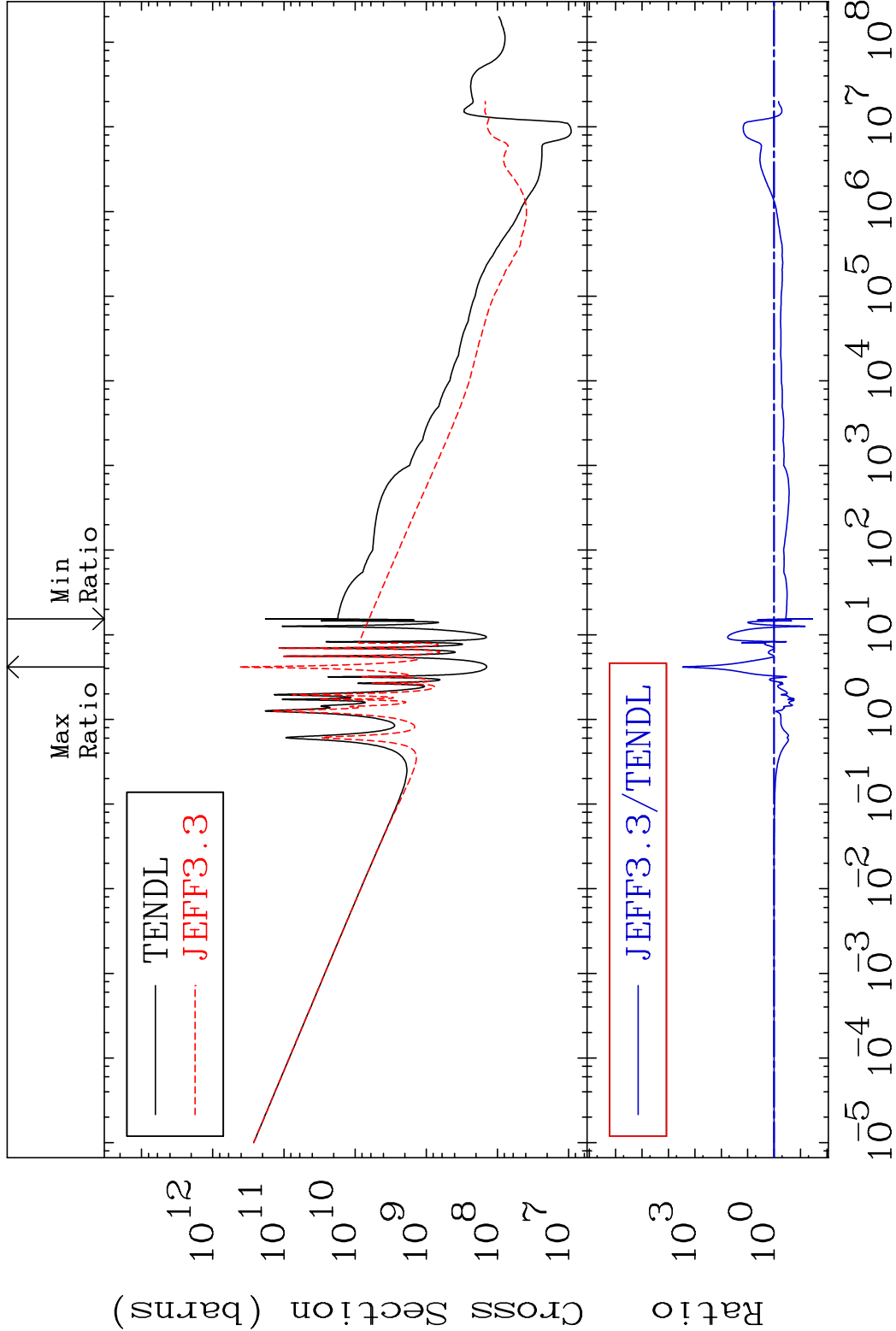


MAT 9031 Total photon (eV-barns) 90-Th-229
Cross Section -95.46 To 9999. %

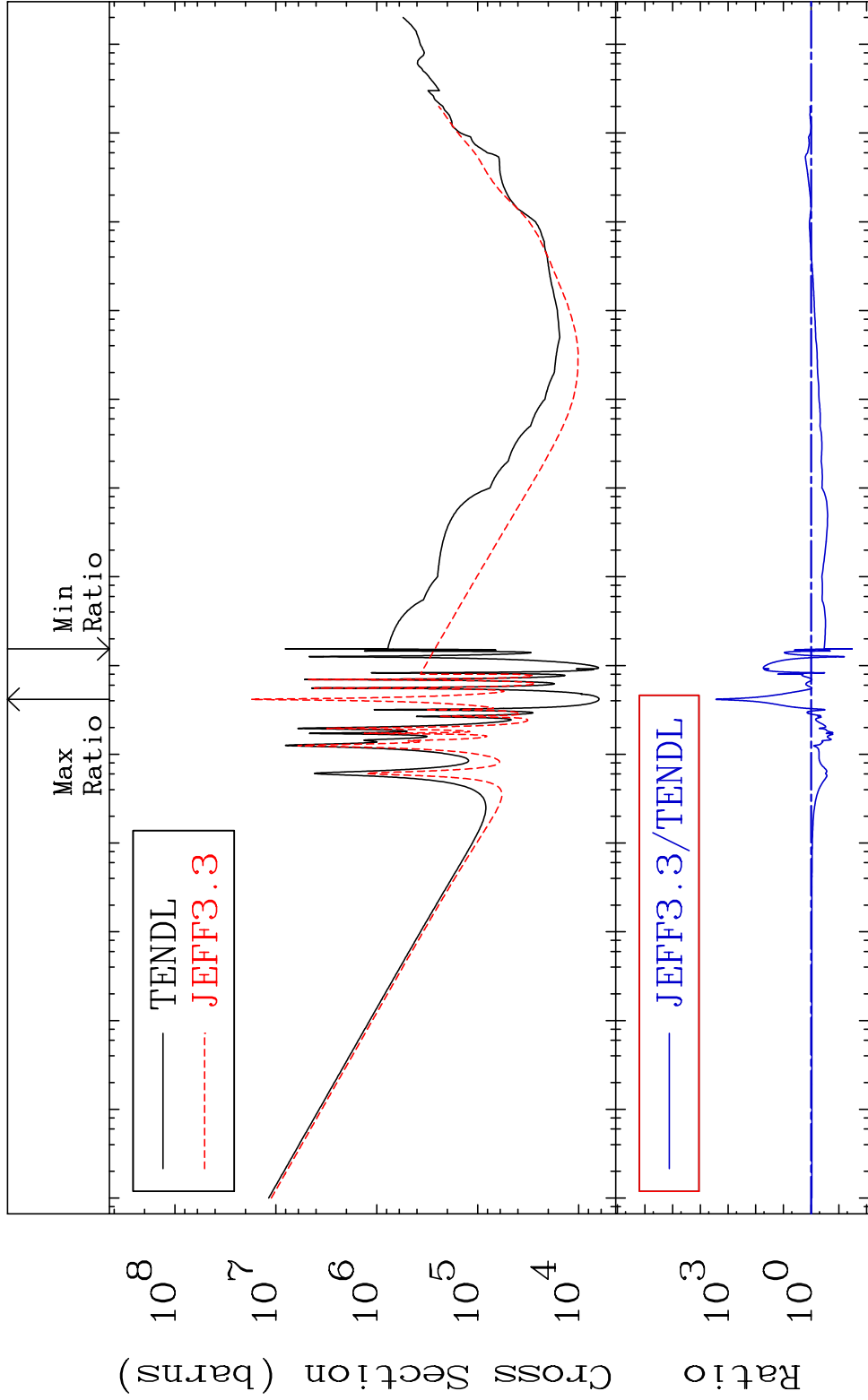


50 Incident Energy (eV) 90-Th-229

MAT 9031 Total kinematic kerma (high limit) 90-Th-229
Cross Section -96.51 To 9999. %



MAT 9031 Dpa total (eV-barns) 90-Th-229
Cross Section -96.71 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

