

Program Complot
(Version 2021-1)

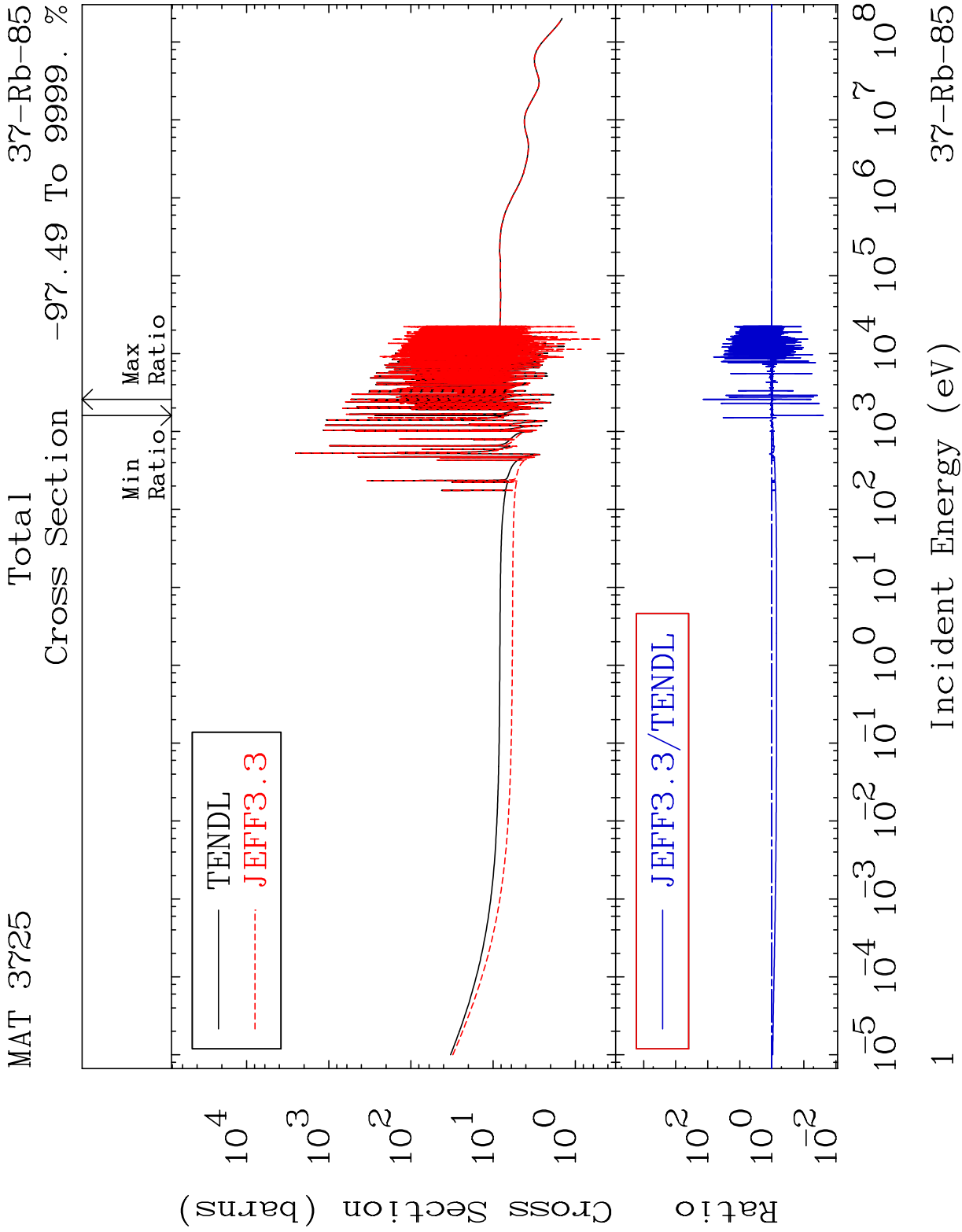
by

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Press Mouse Button to Start

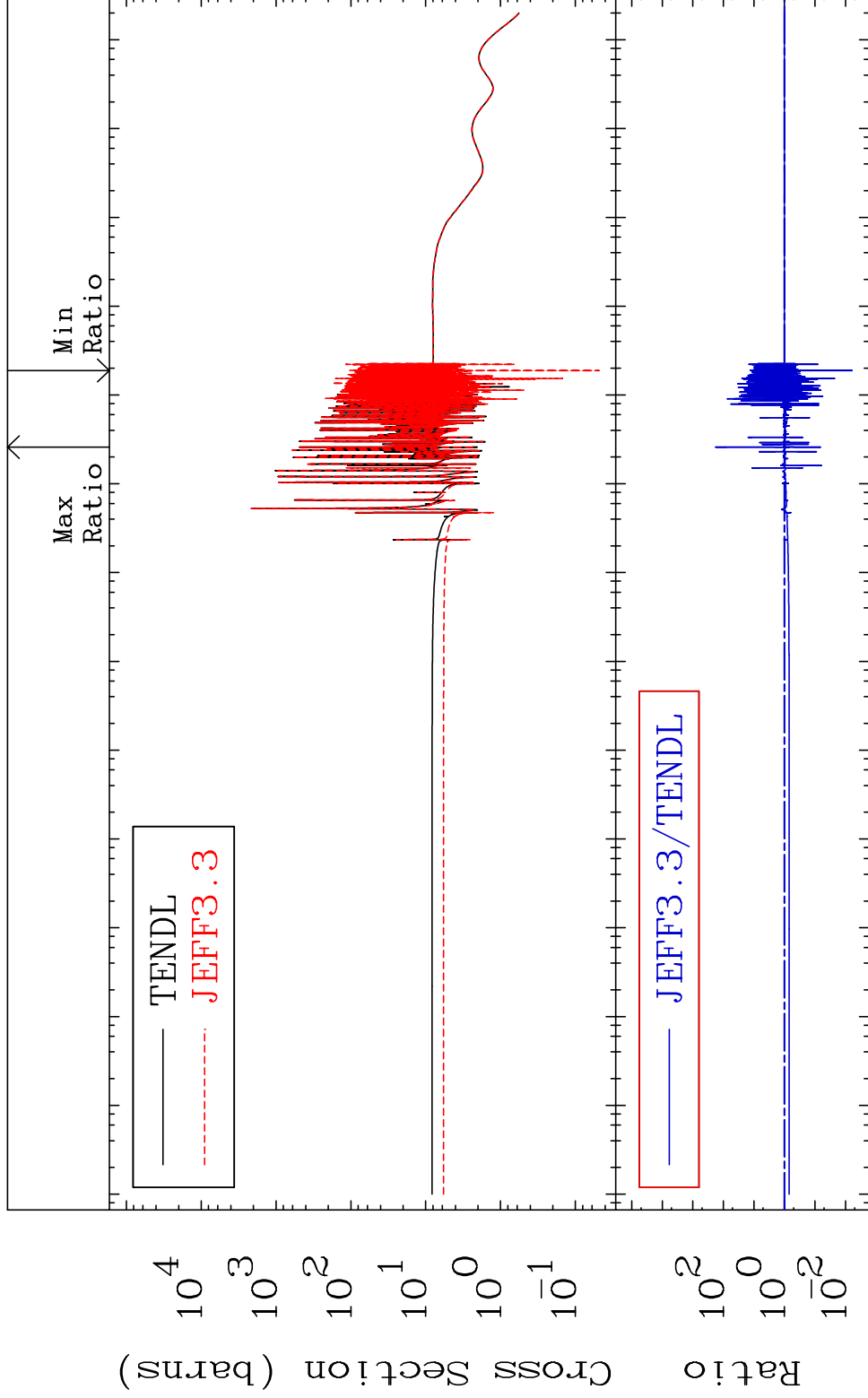


MAT 3725

Elastic

37-Rb-85

Cross Section -99.40 To 9999. %

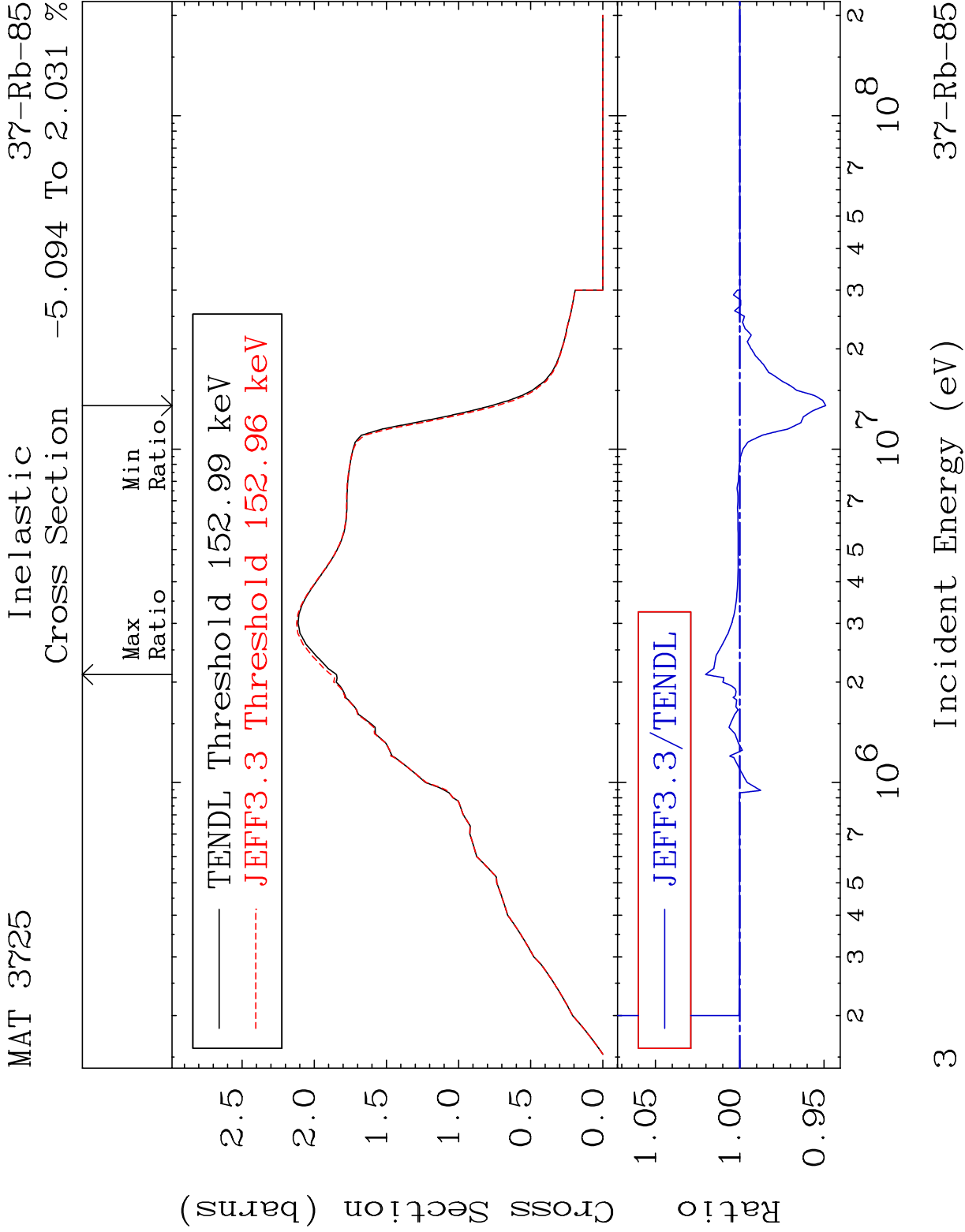


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

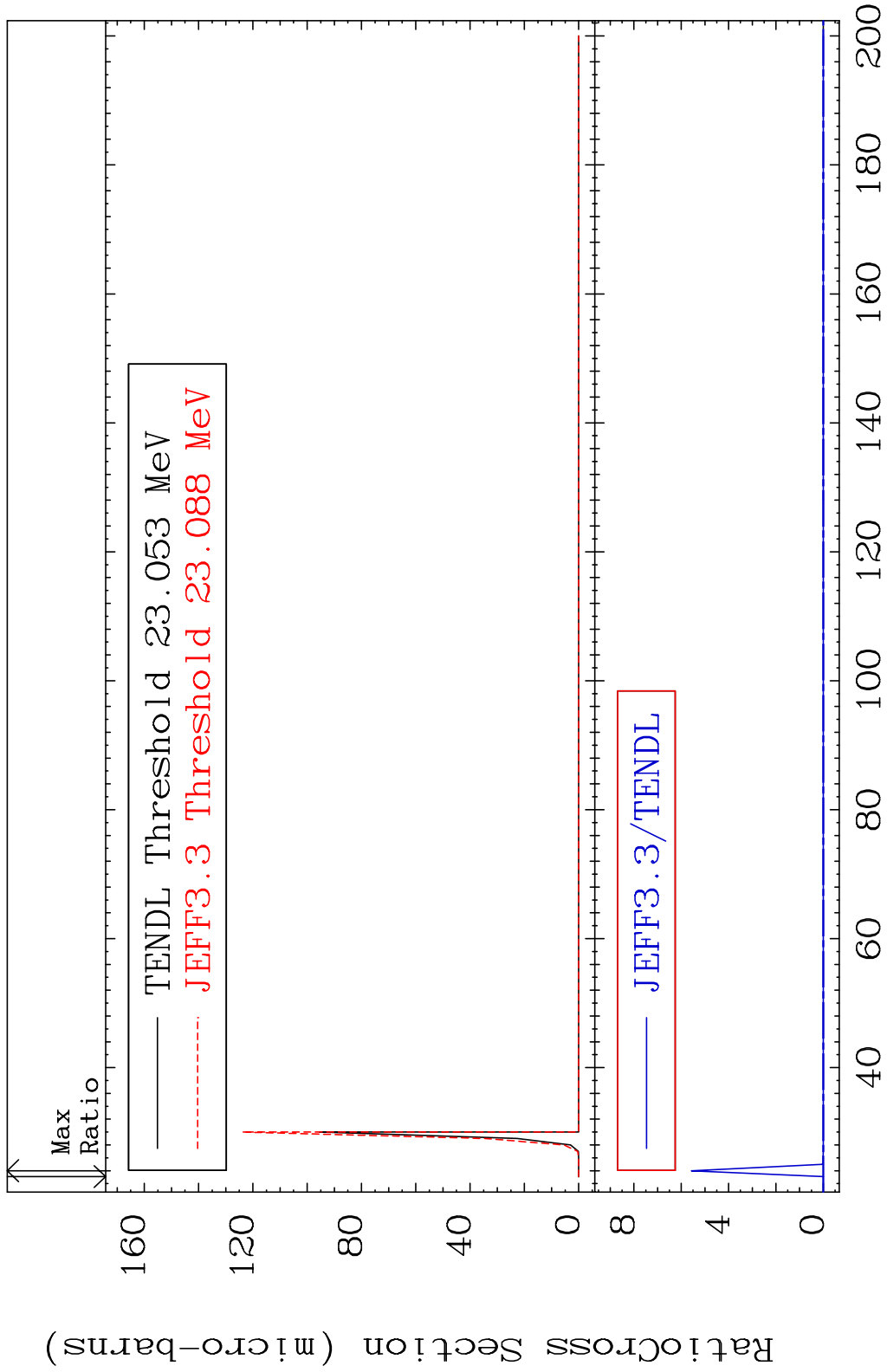
2

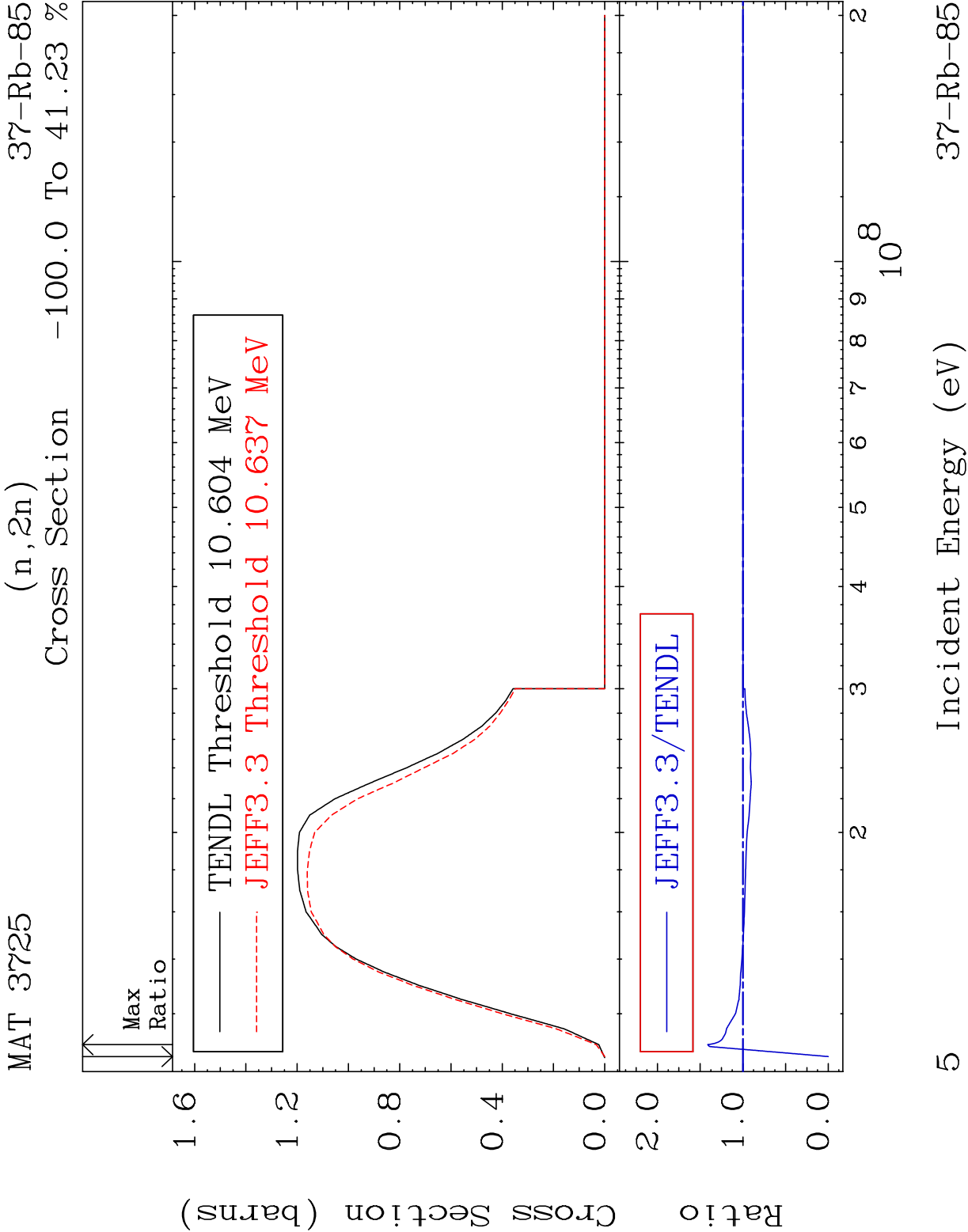
Incident Energy (eV)

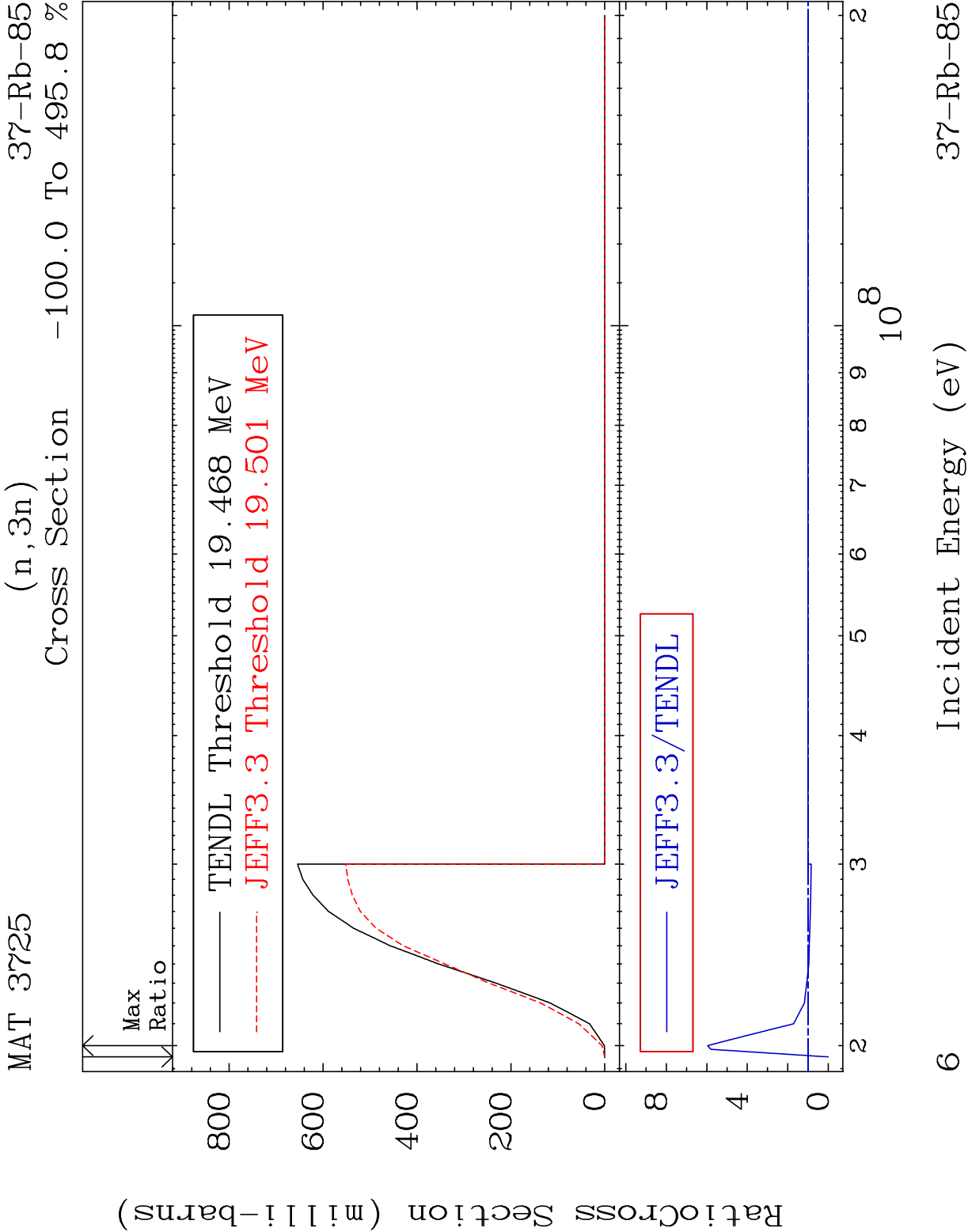
37-Rb-85

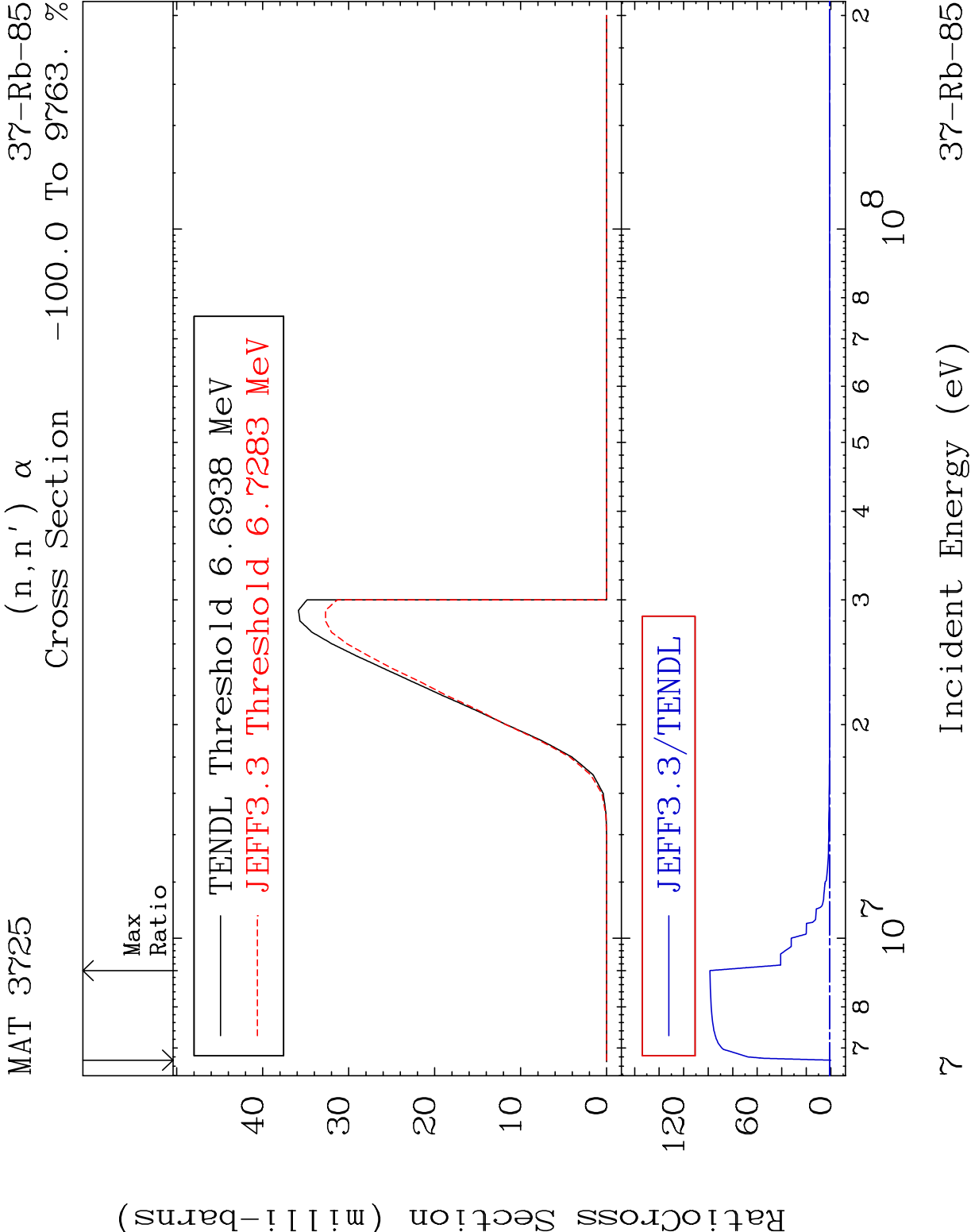


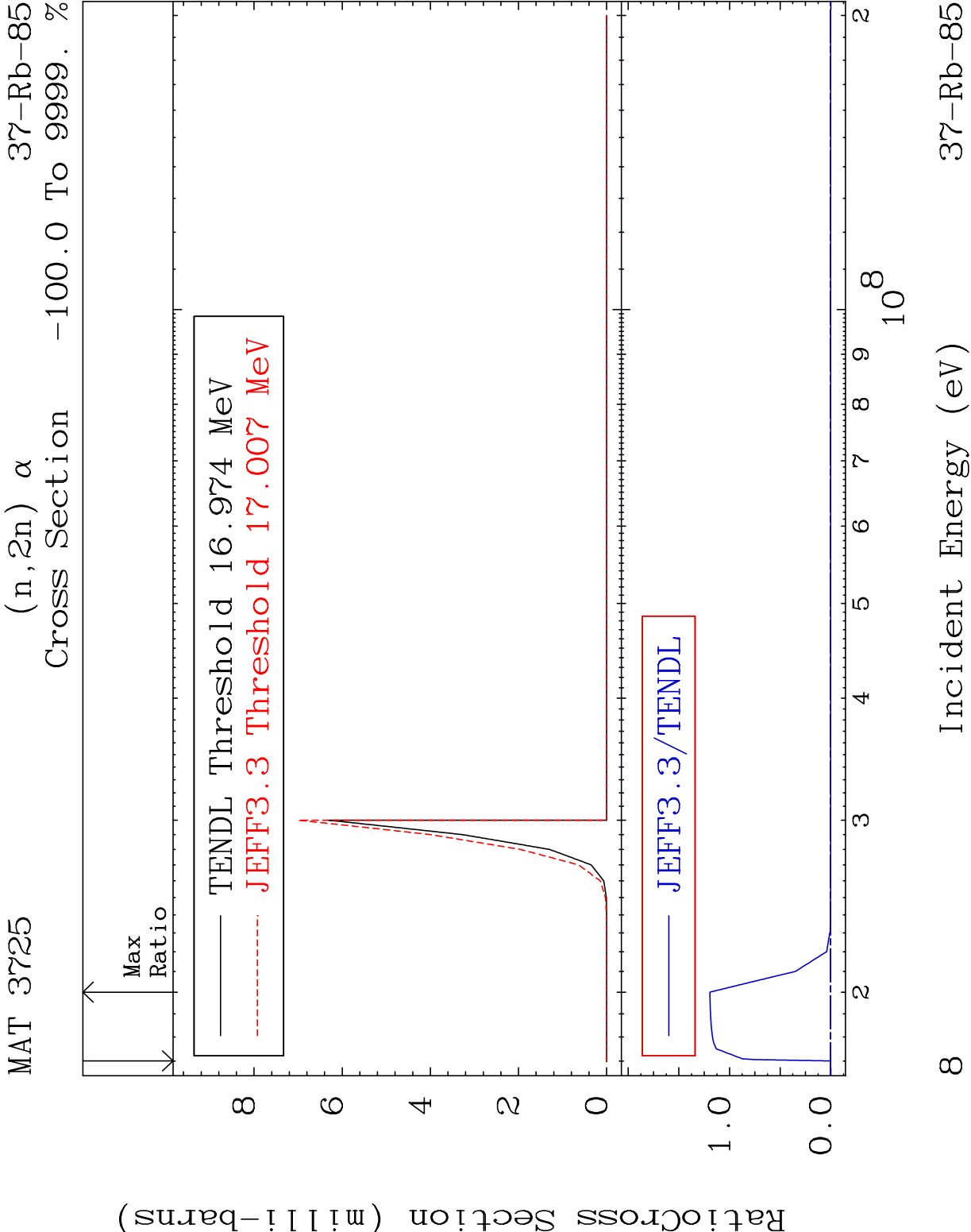
MAT 3725 (n,2n) d 37-Rb-85
Cross Section -100.0 To 9999. %

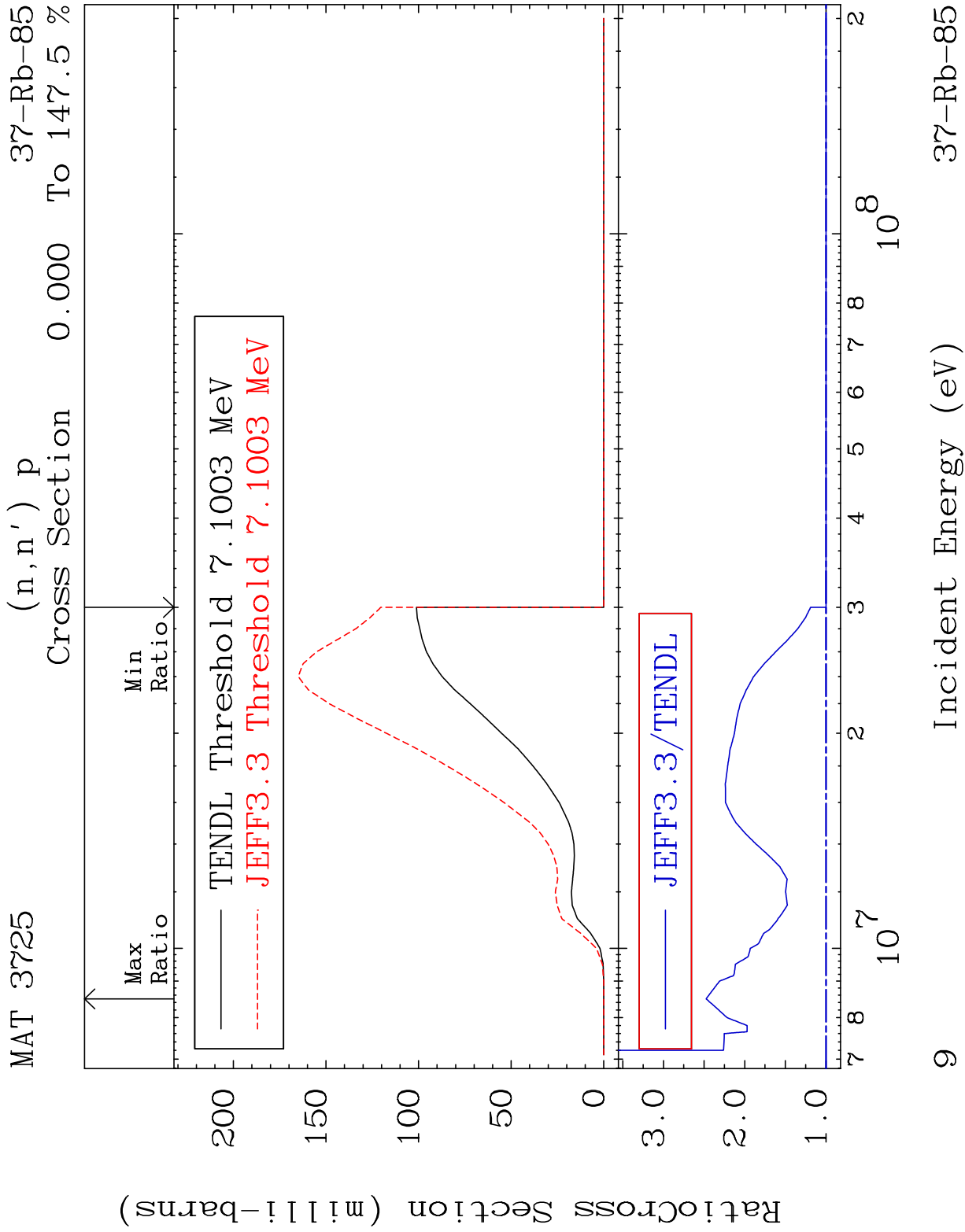










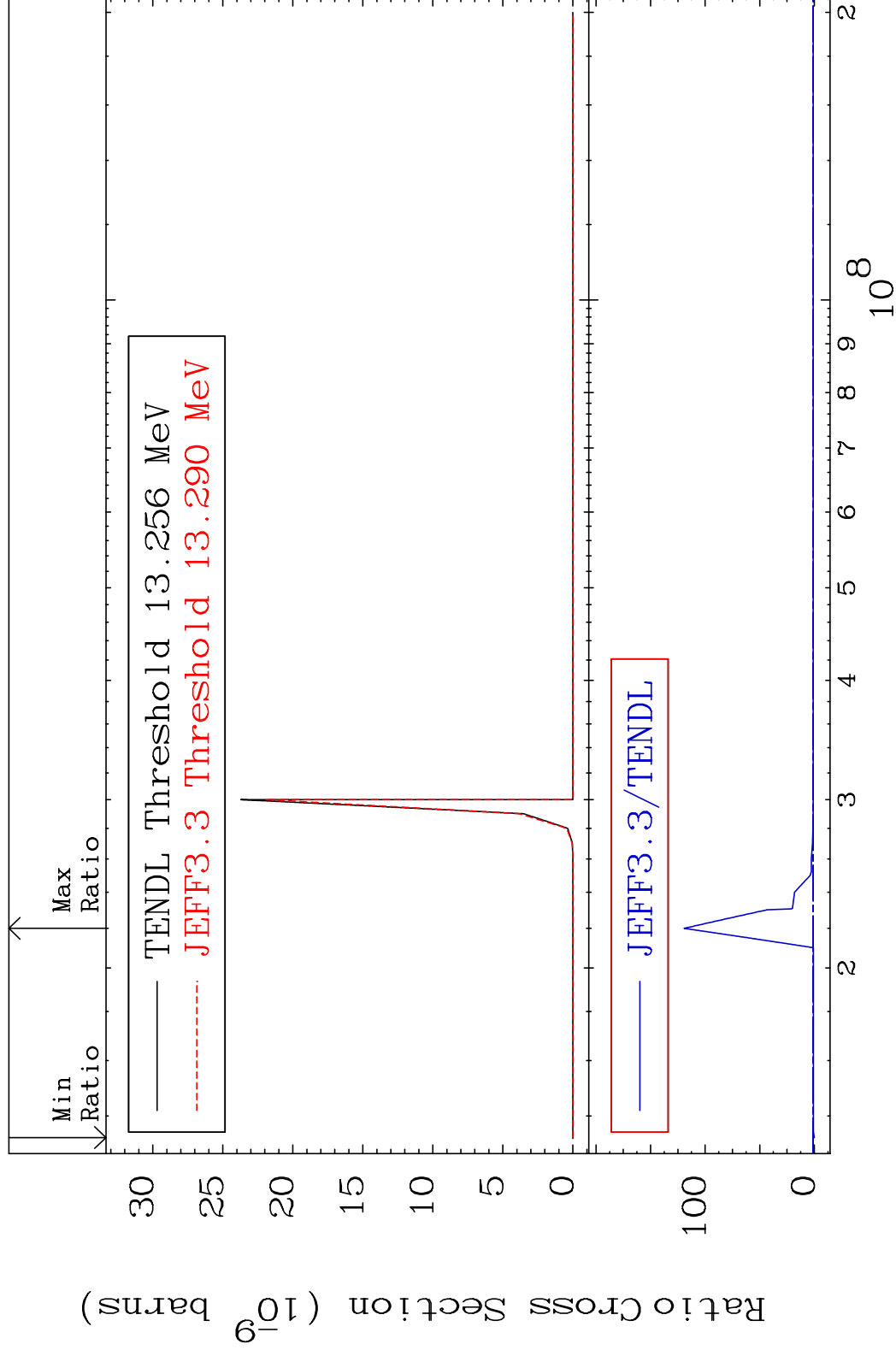


MAT 3725

$$(n, n') \quad 2\alpha$$

37-Rb-85

Cross Section -100.0 To 9999. %

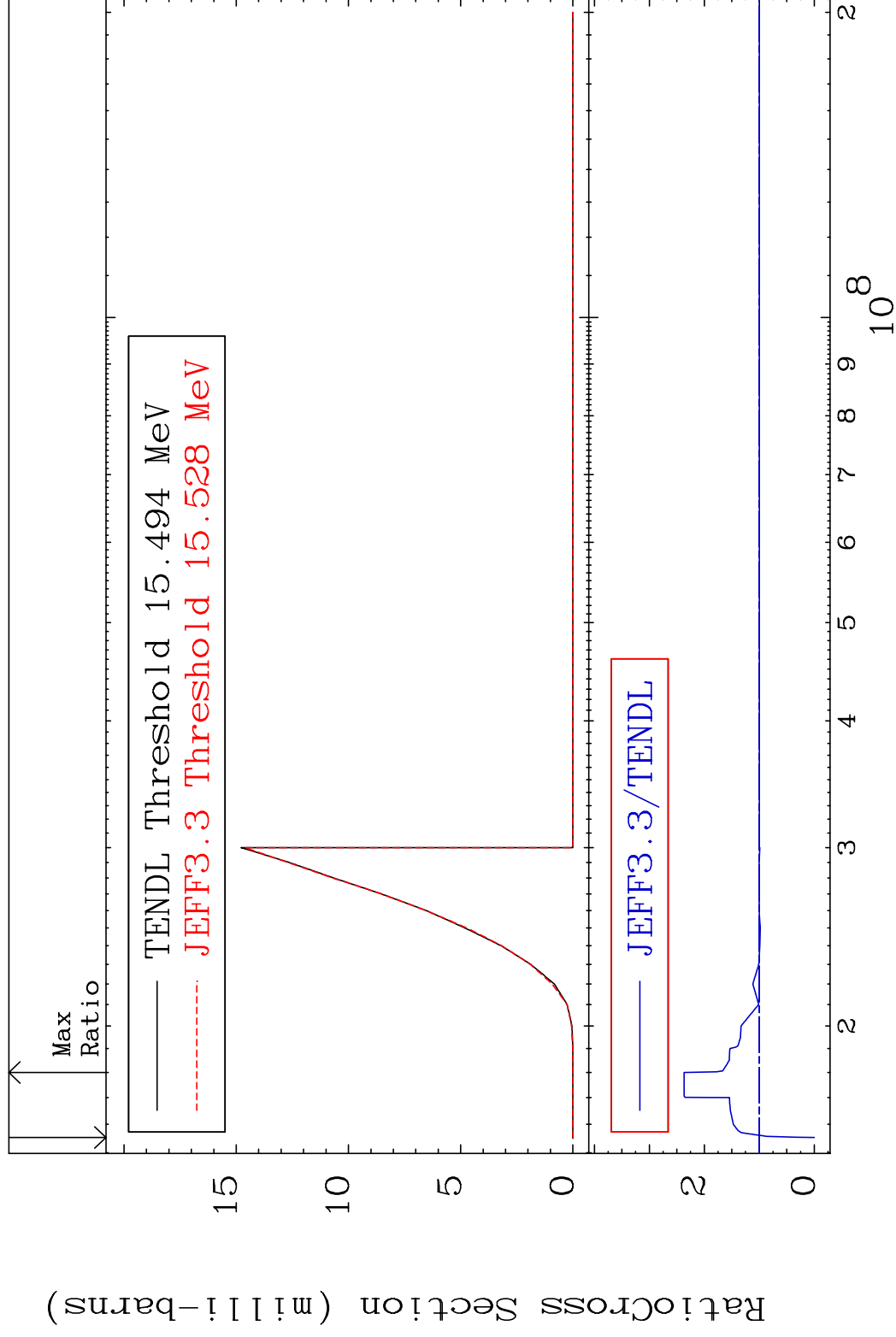


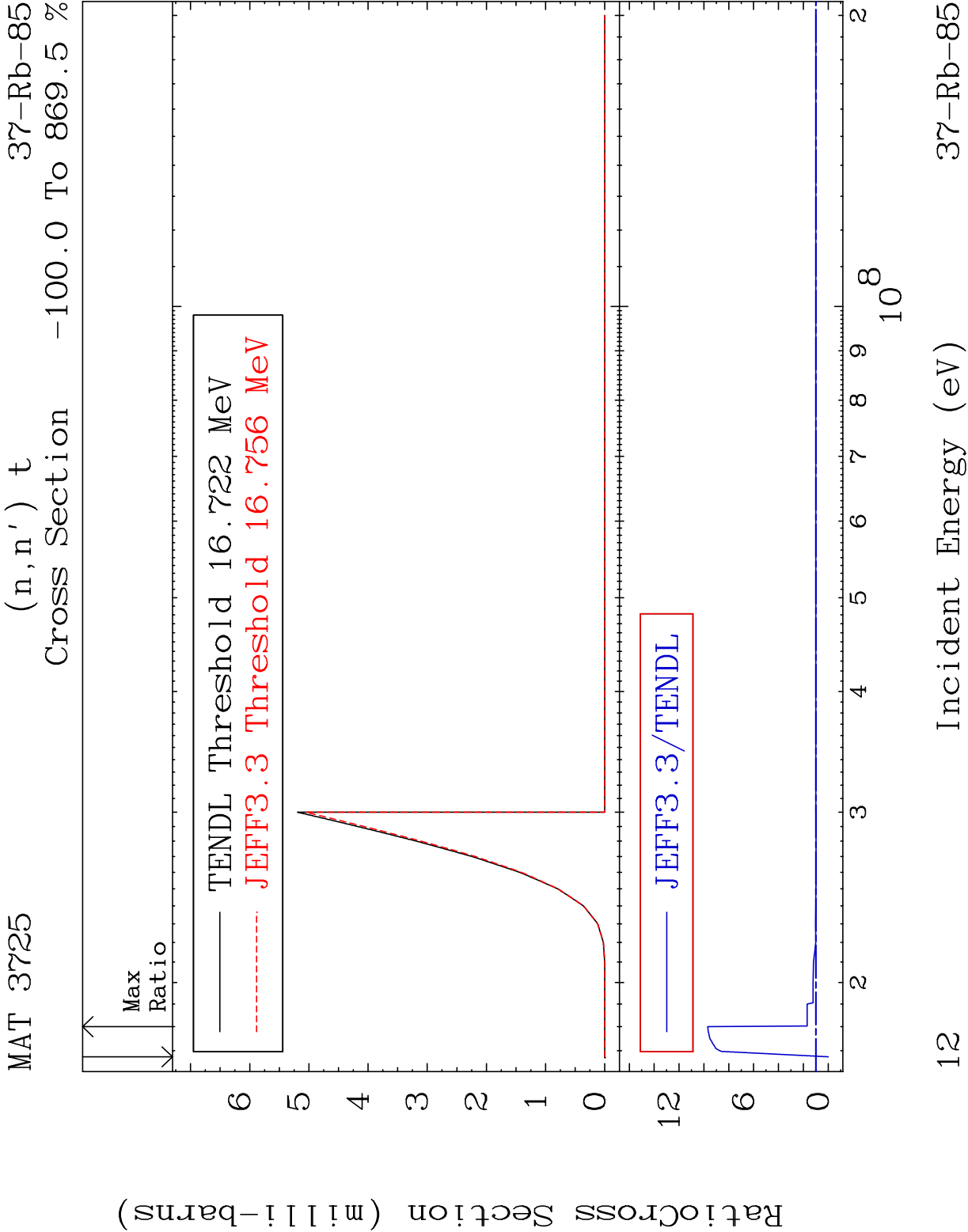
MAT 3725

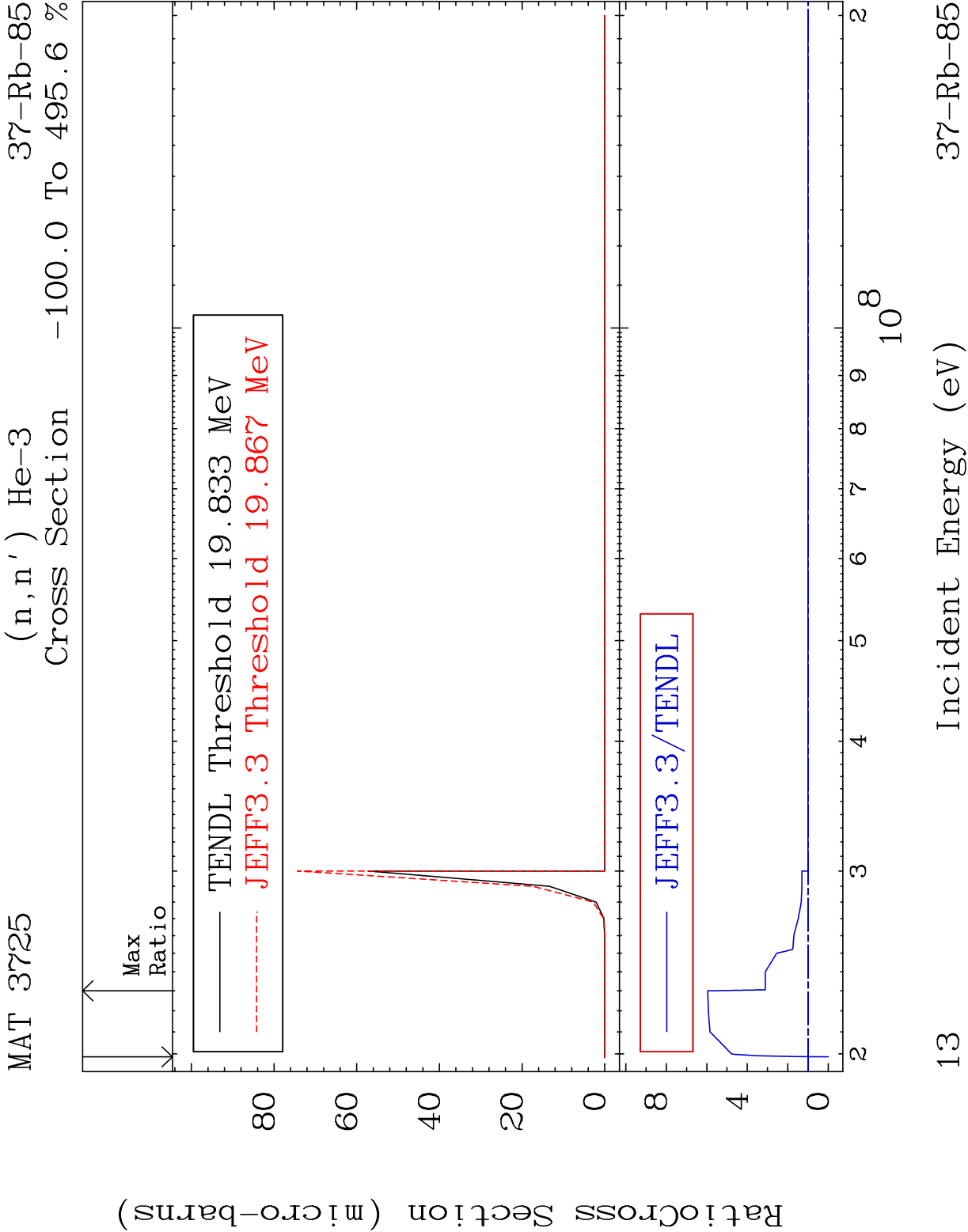
$$(n, n') \text{ d}$$

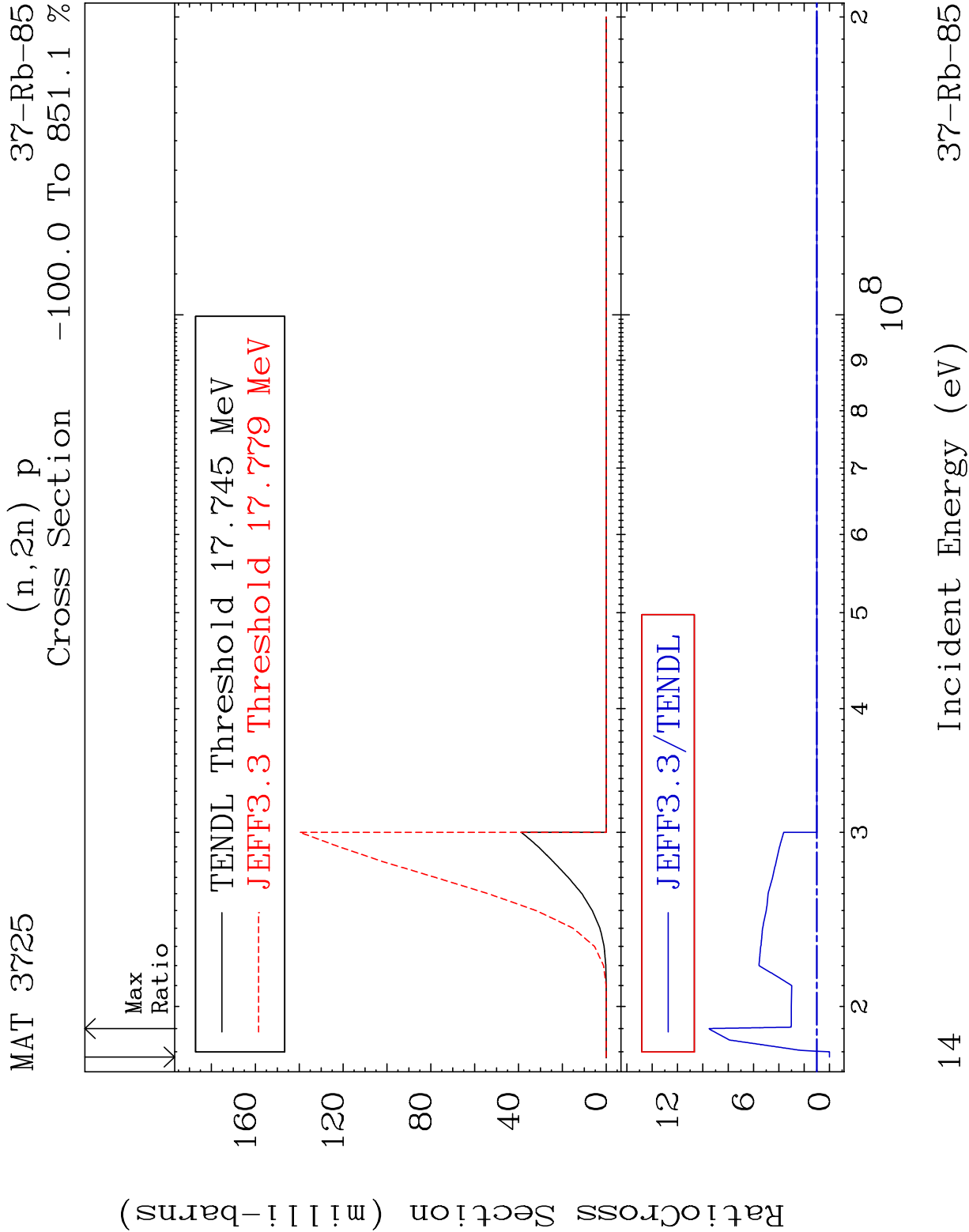
37-Rb-85

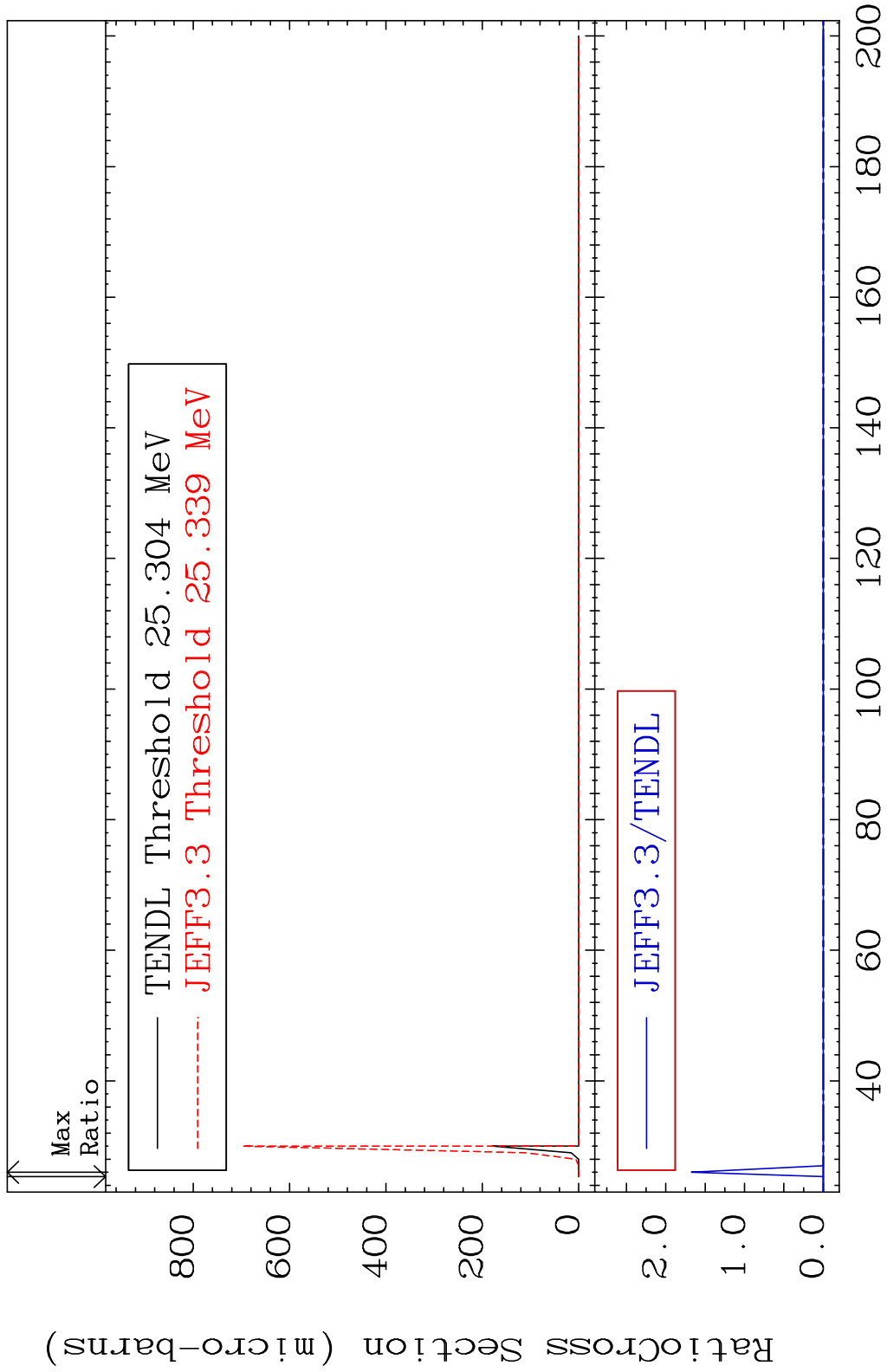
Cross Section









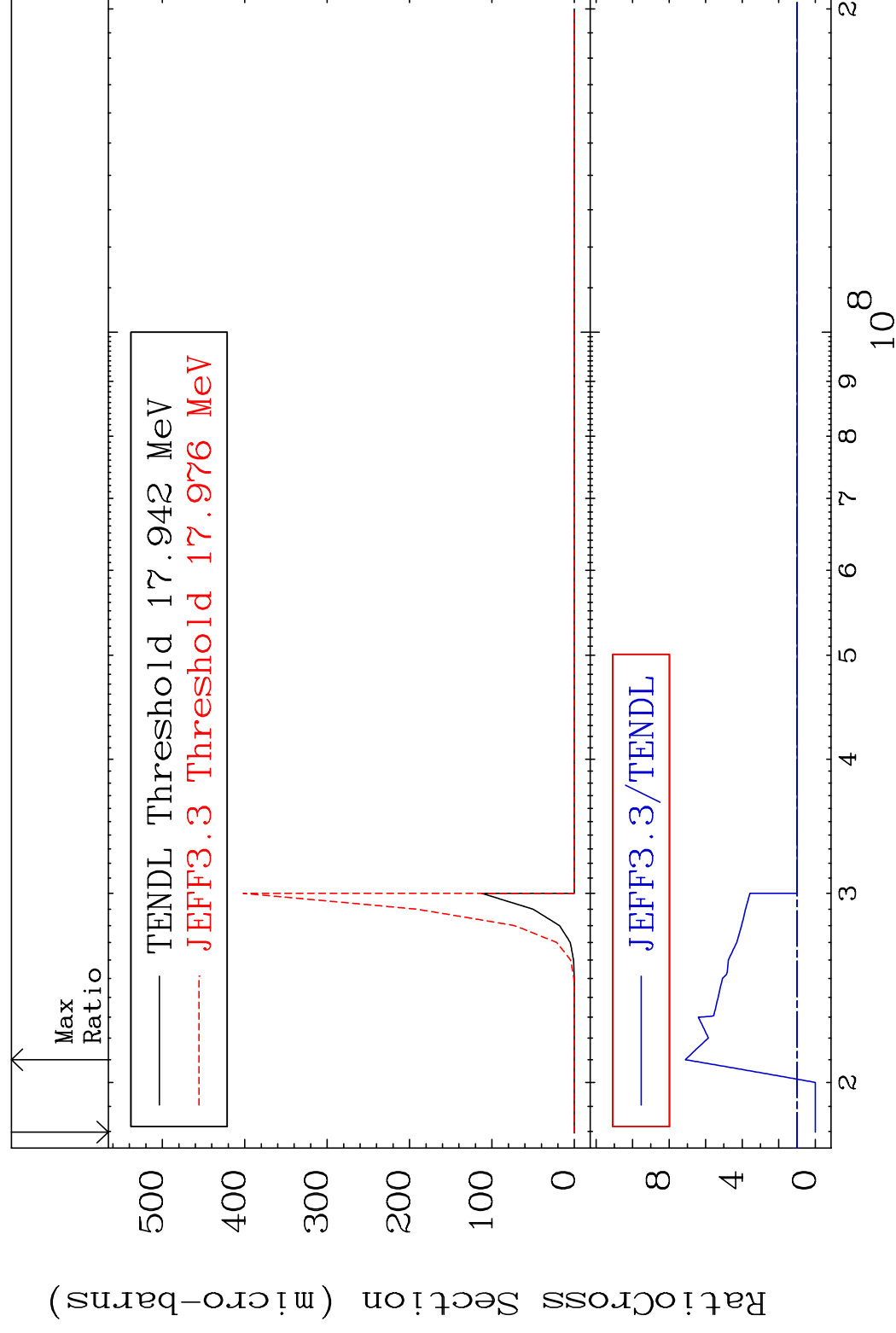


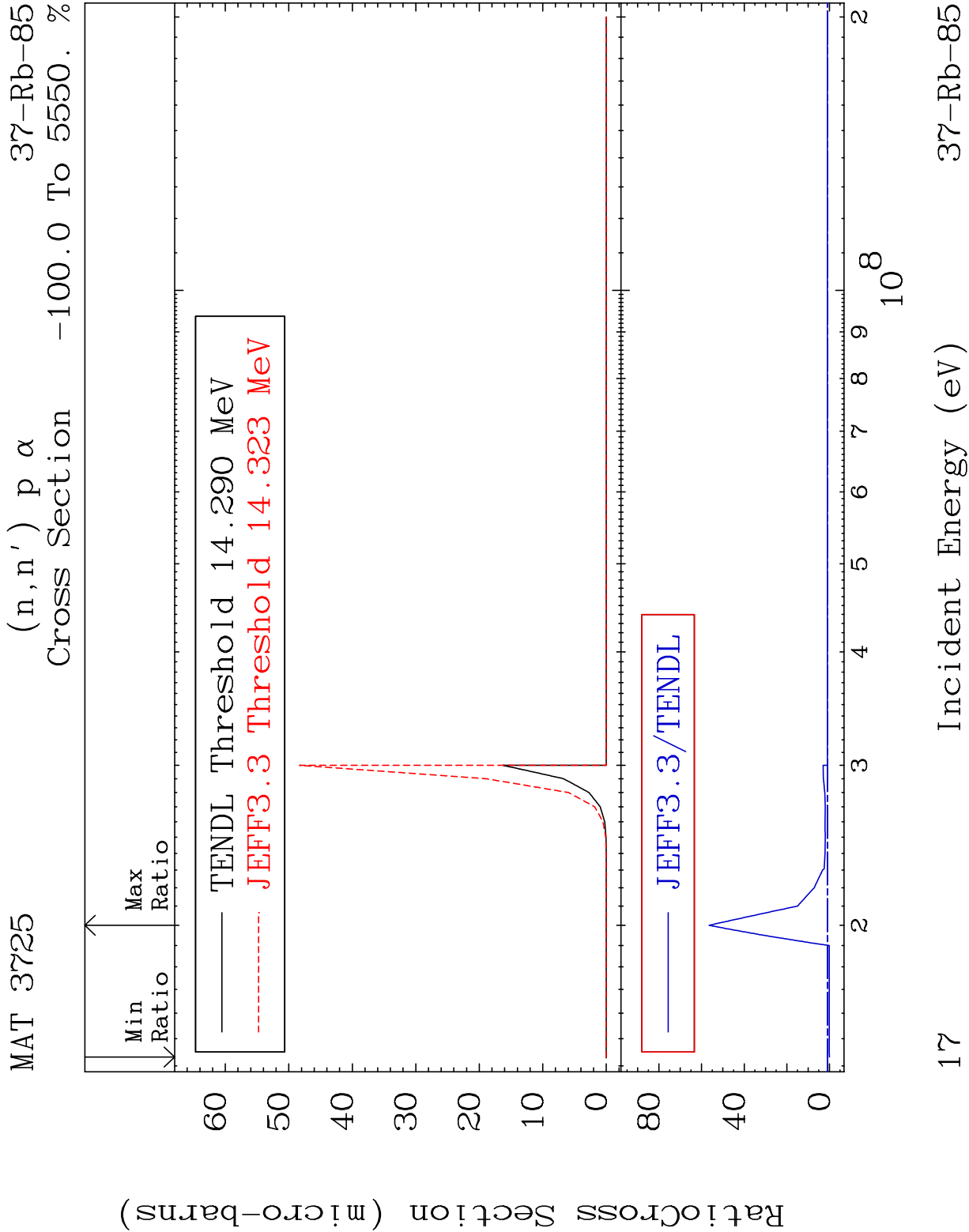
MAT 3725

$$(n, 2n) \text{ p}$$

37-Rb-85

Cross Section





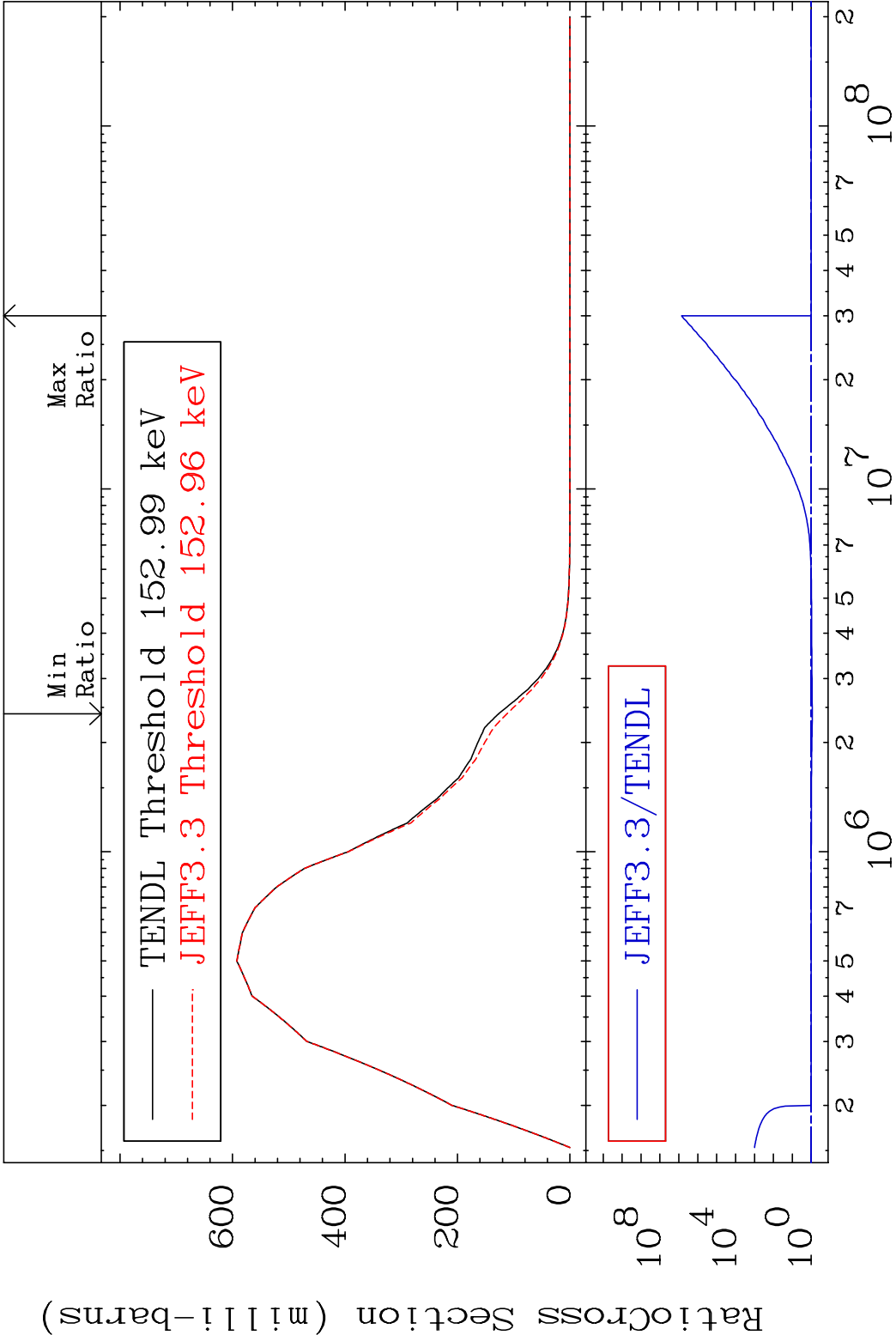
MAT 3725

MT= 51 (n,n') Level

37-Rb-85

Cross Section

-11.72 To 9999. %



MAT 3725

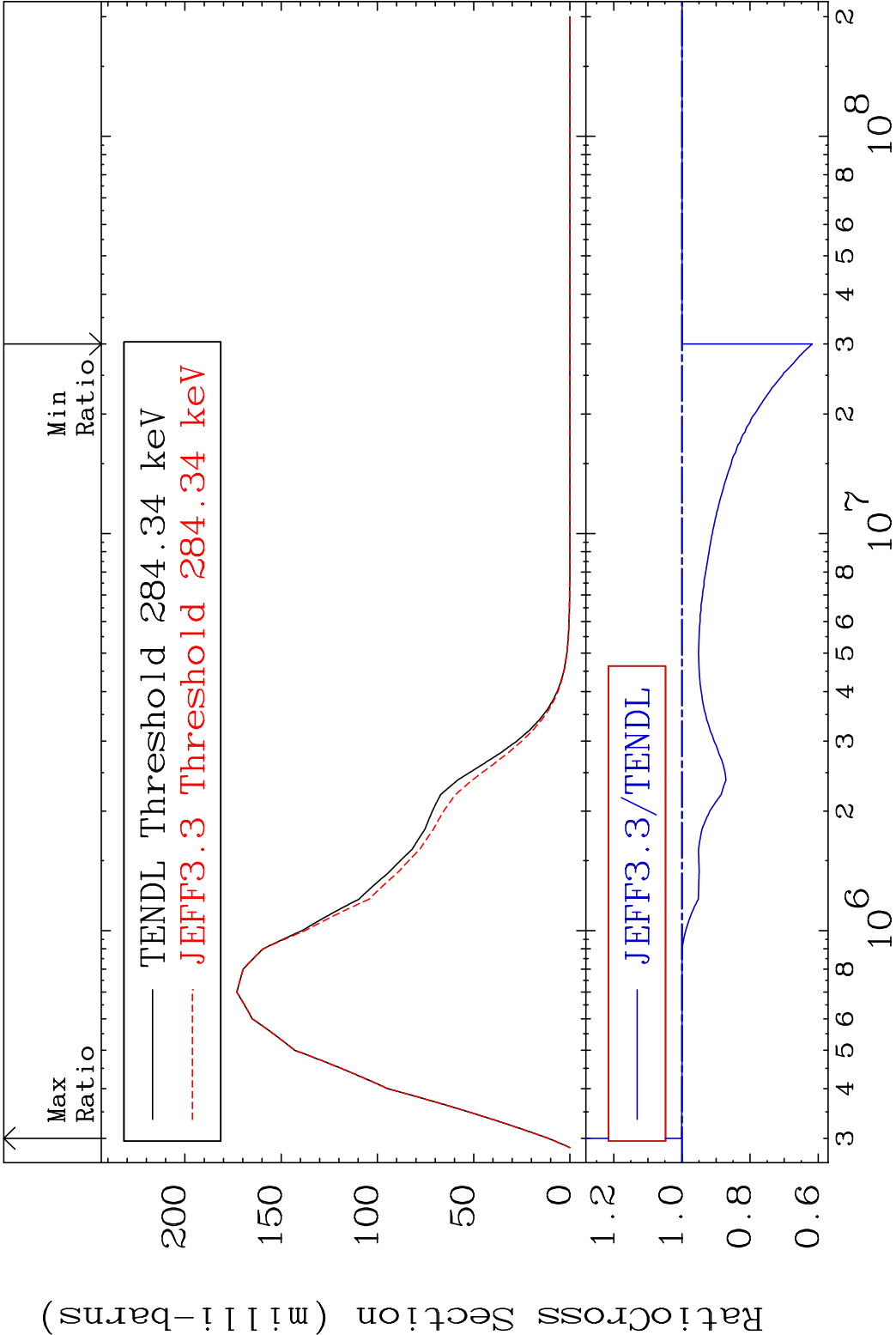
MT= 52 (n,n')

Level

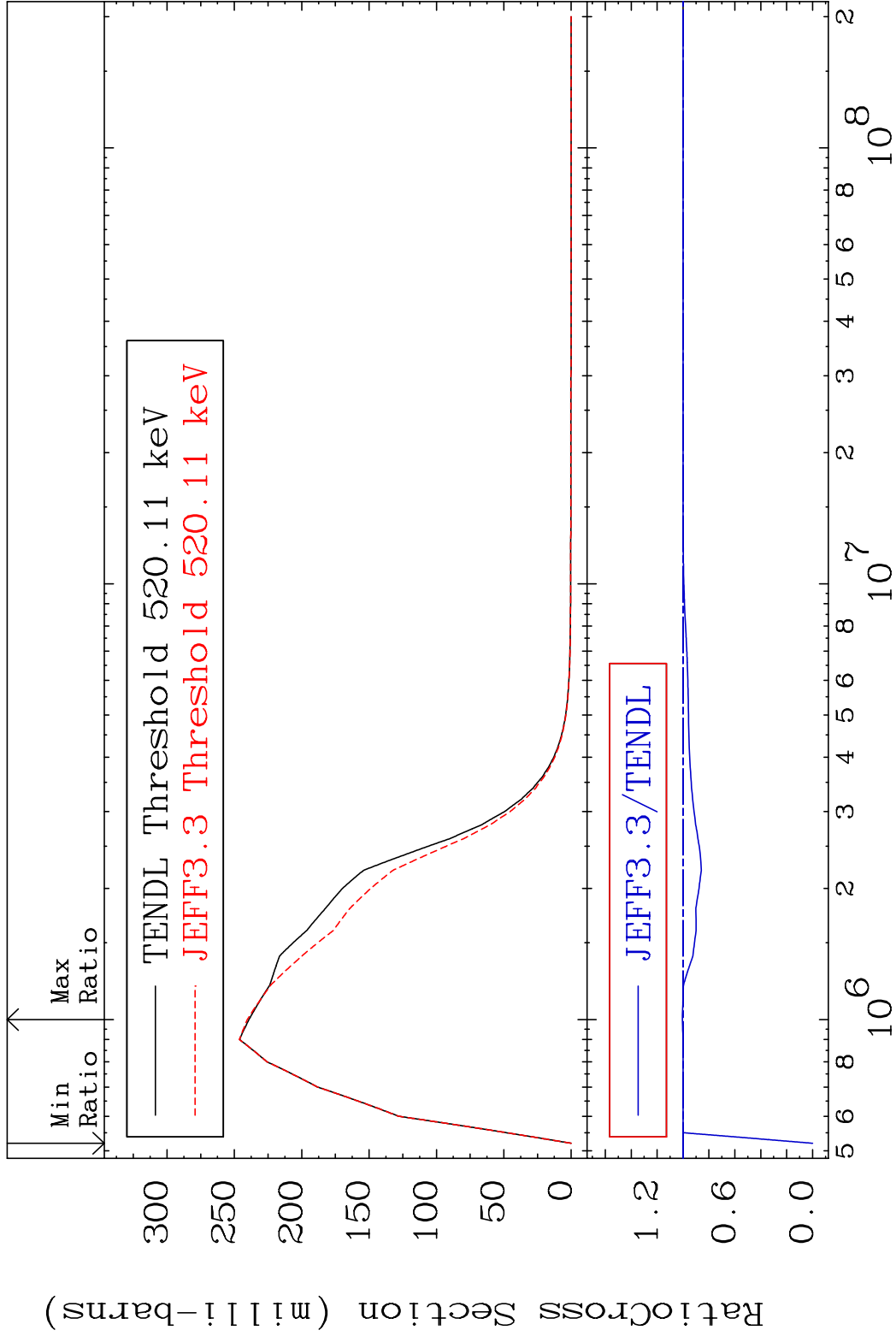
37-Rb-85

Cross Section

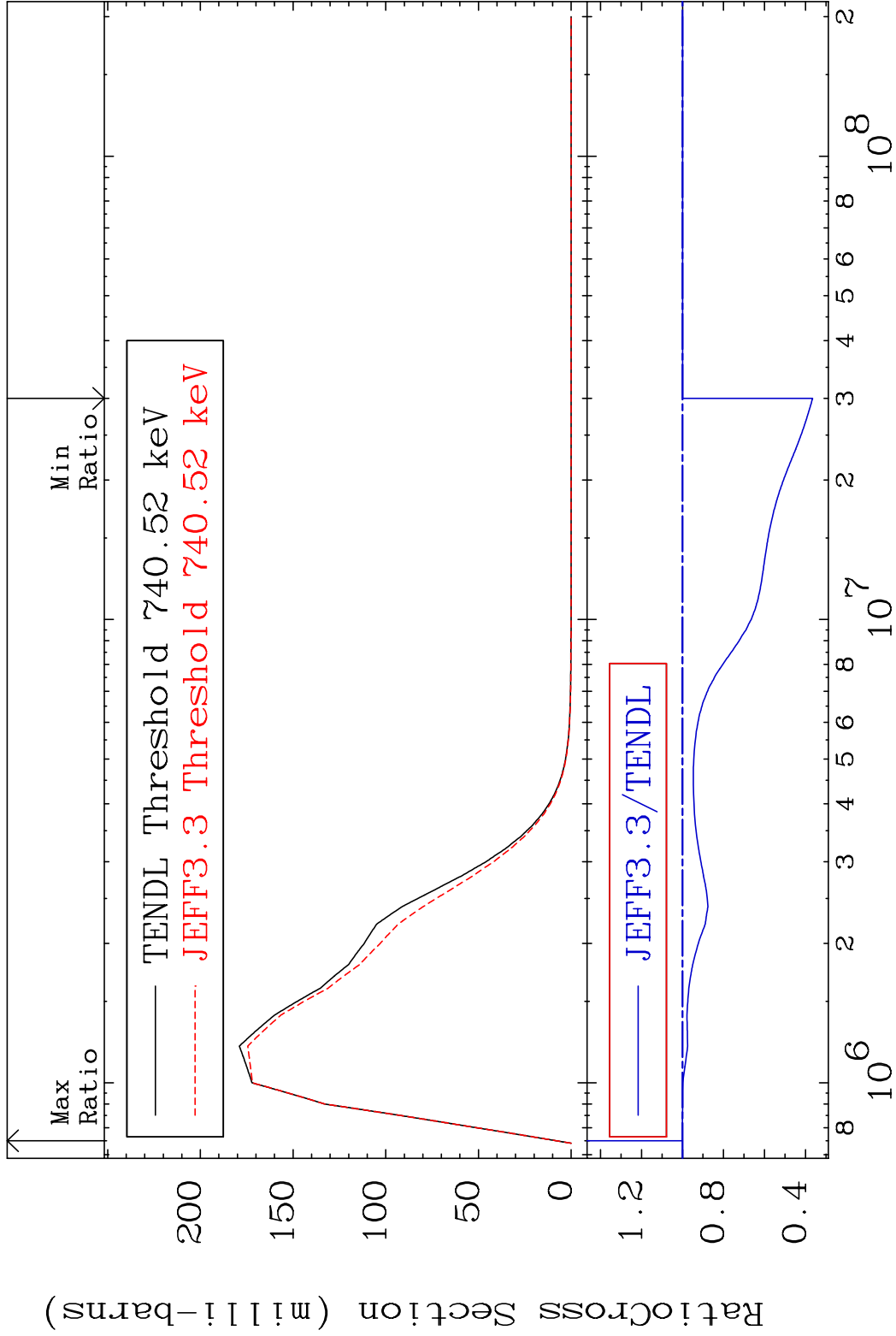
-38.22 To 0.115 %



MAT 3725 MT= 53 (n,n') Level 37-Rb-85
Cross Section -100.0 To 0.507 %

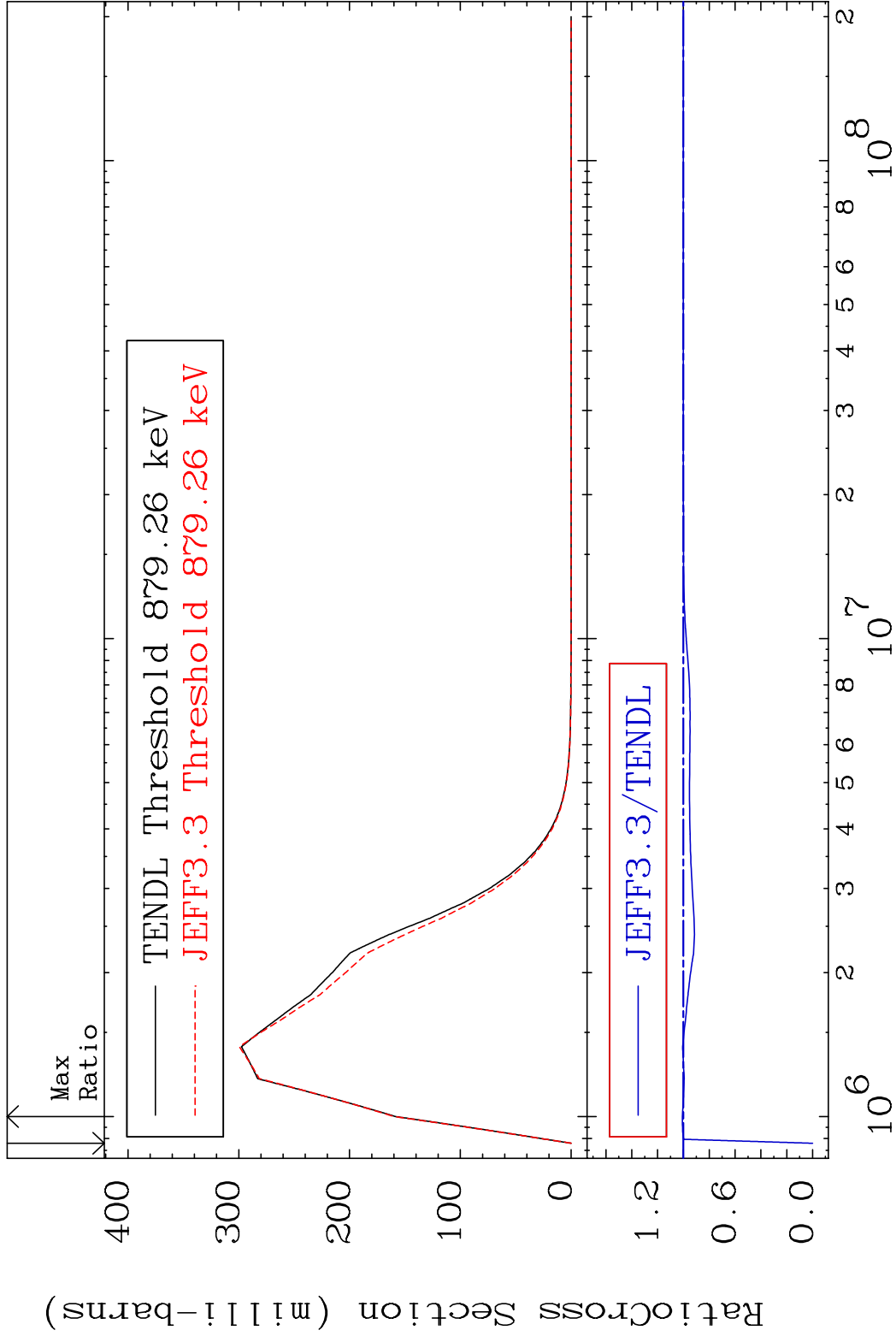


MAT 3725 MT= 54 (n,n') Level 37-Rb-85
Cross Section -63.44 To 0.074 %

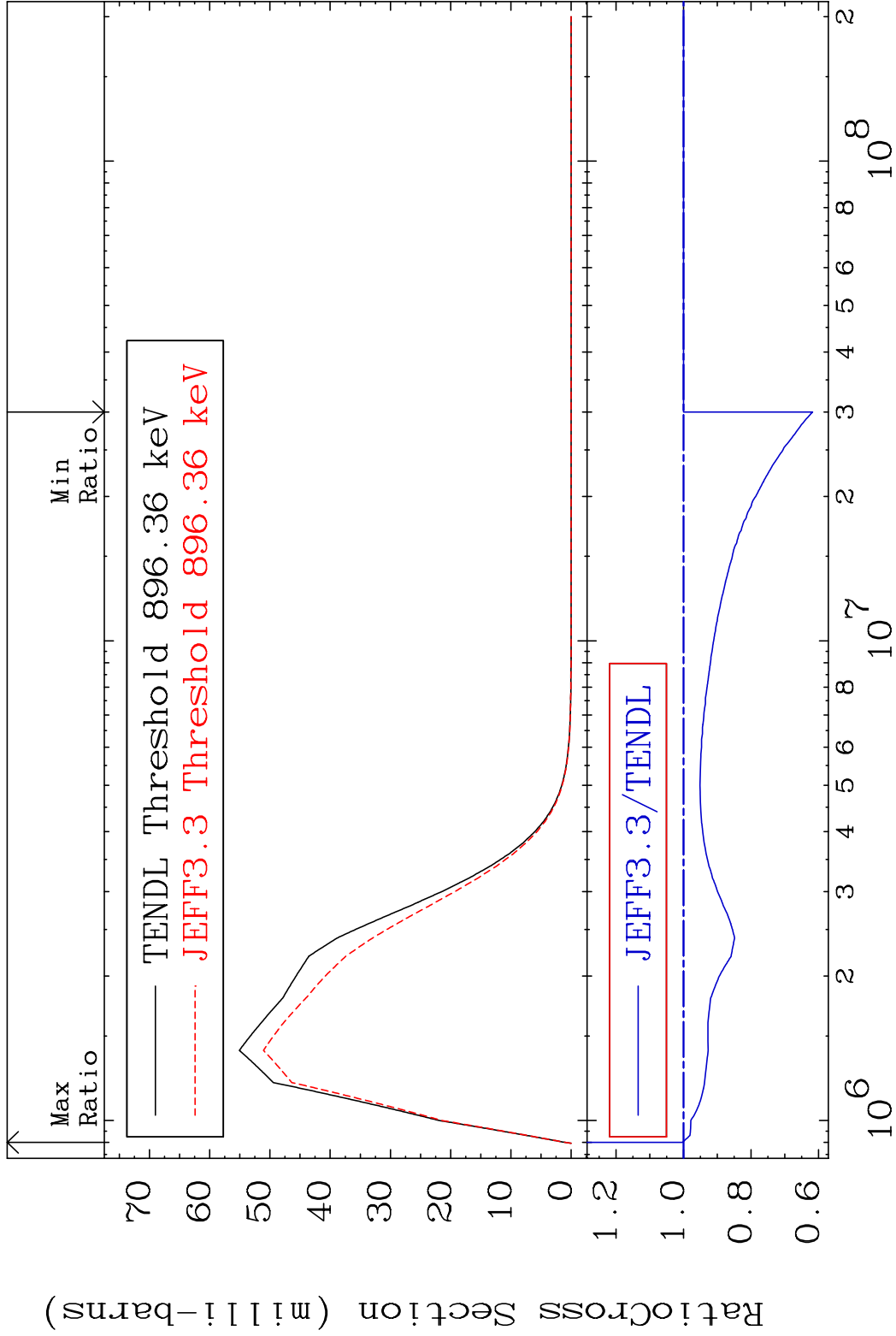


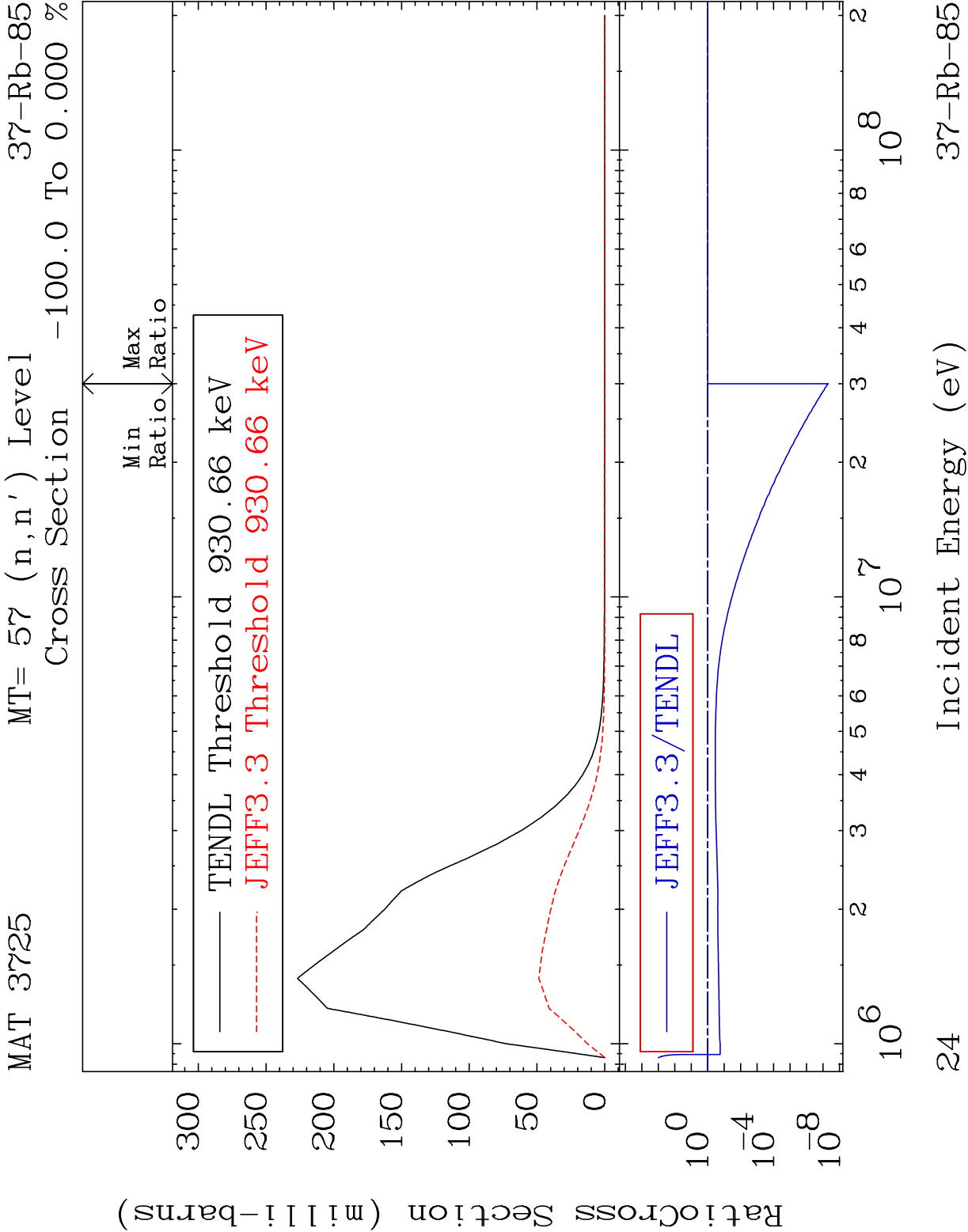
21 Incident Energy (eV) 37-Rb-85

MAT 3725 MT= 55 (n,n') Level 37-Rb-85
Cross Section -100.0 To 0.814 %



MAT 3725 MT= 56 (n,n') Level 37-Rb-85
Cross Section -38.23 To 0.356 %



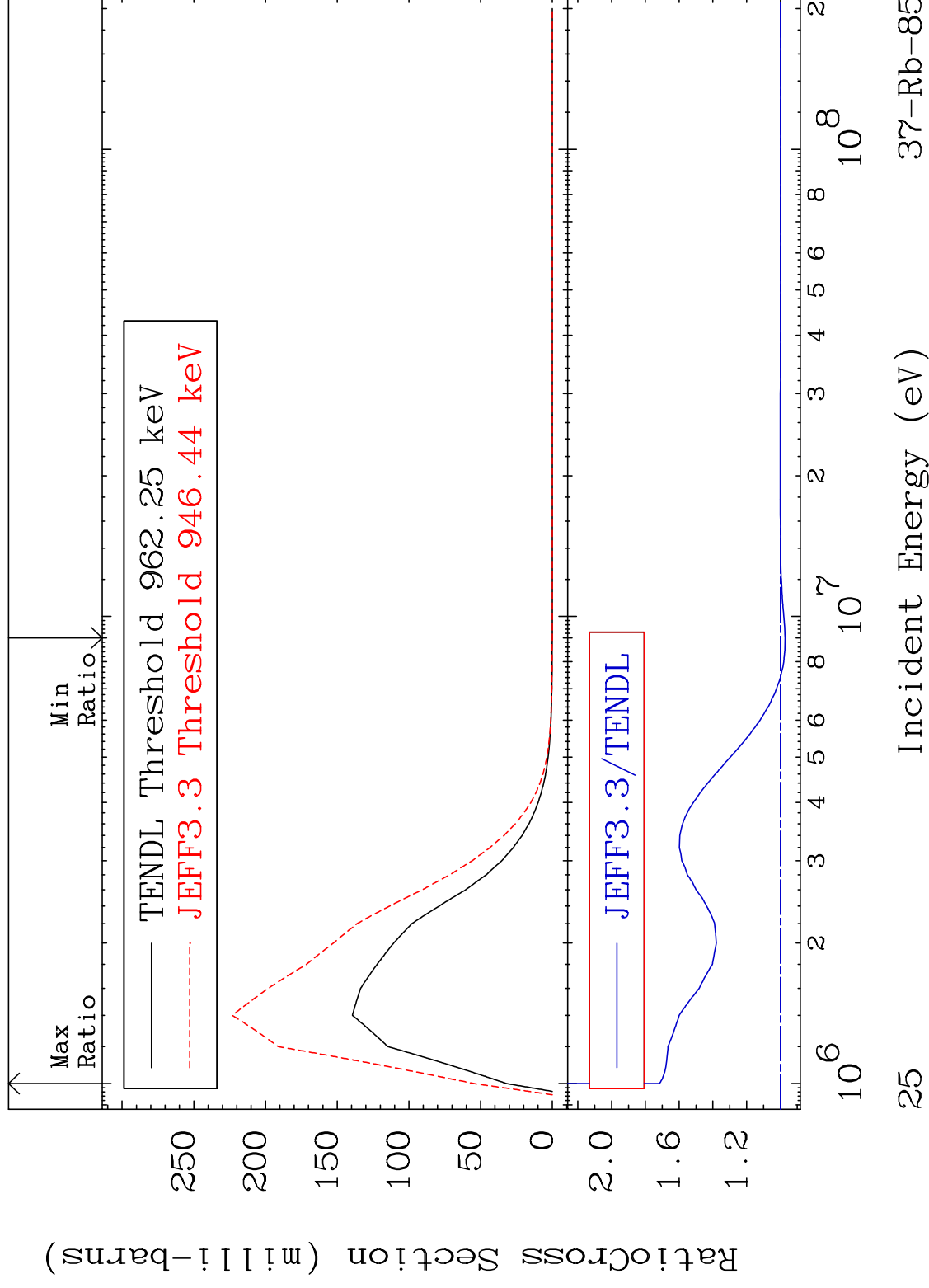


MAT 3725

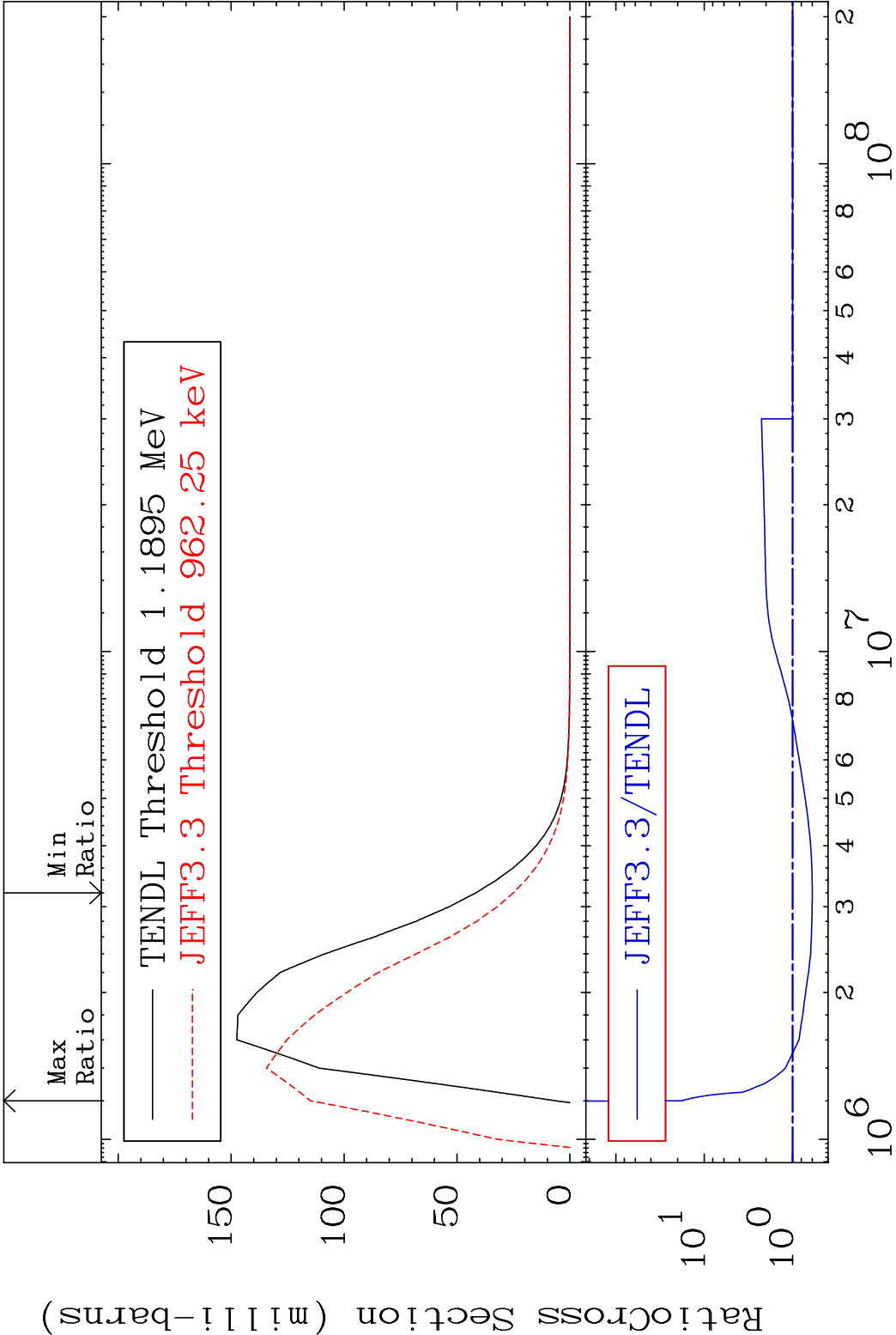
MT= 58 (n, n') Level

37-Rb-85

Cross Section -2.759 To 71.60 %



MAT 3725 MT= 59 (n,n') Level 37-Rb-85
Cross Section -39.98 To 1706. %

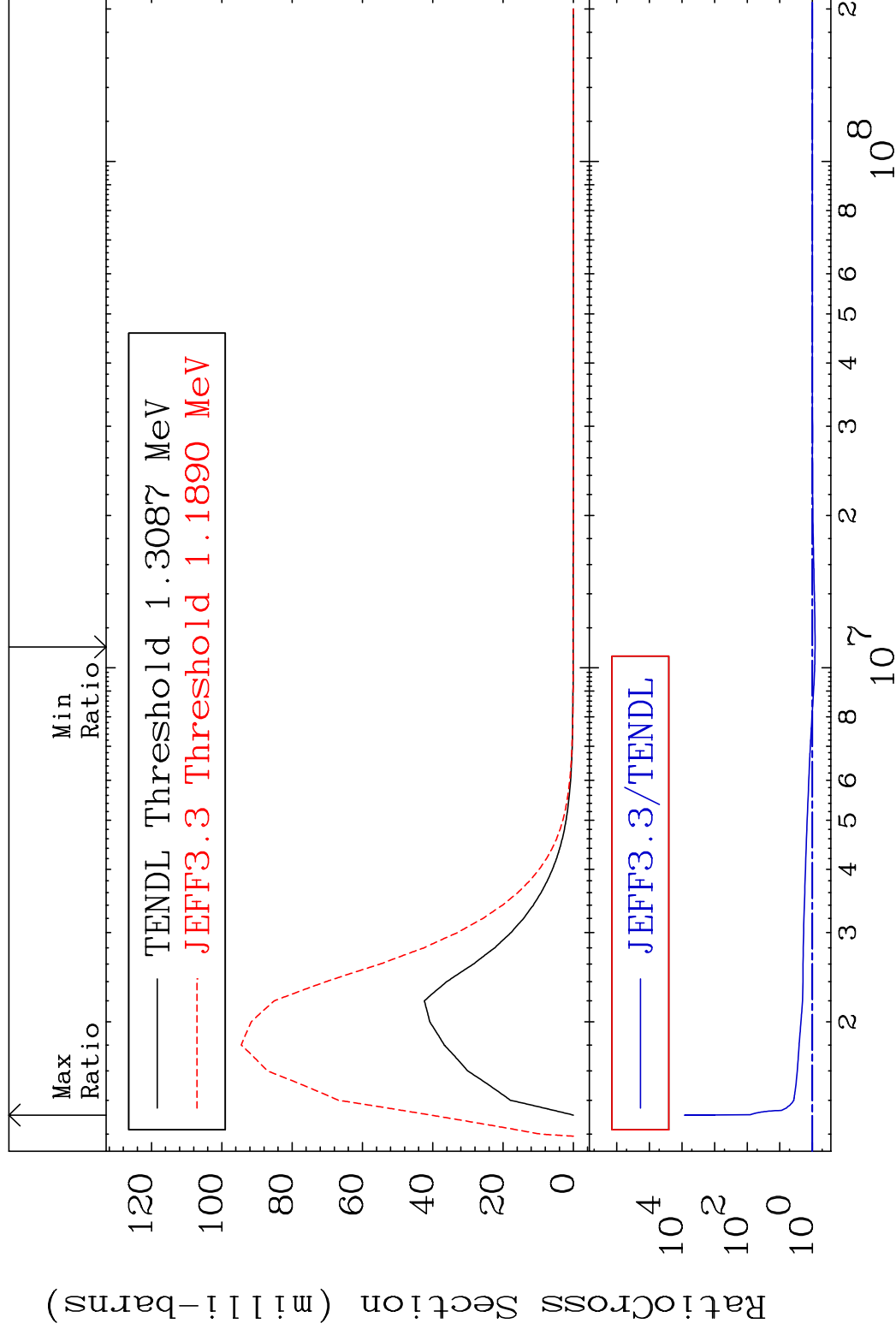


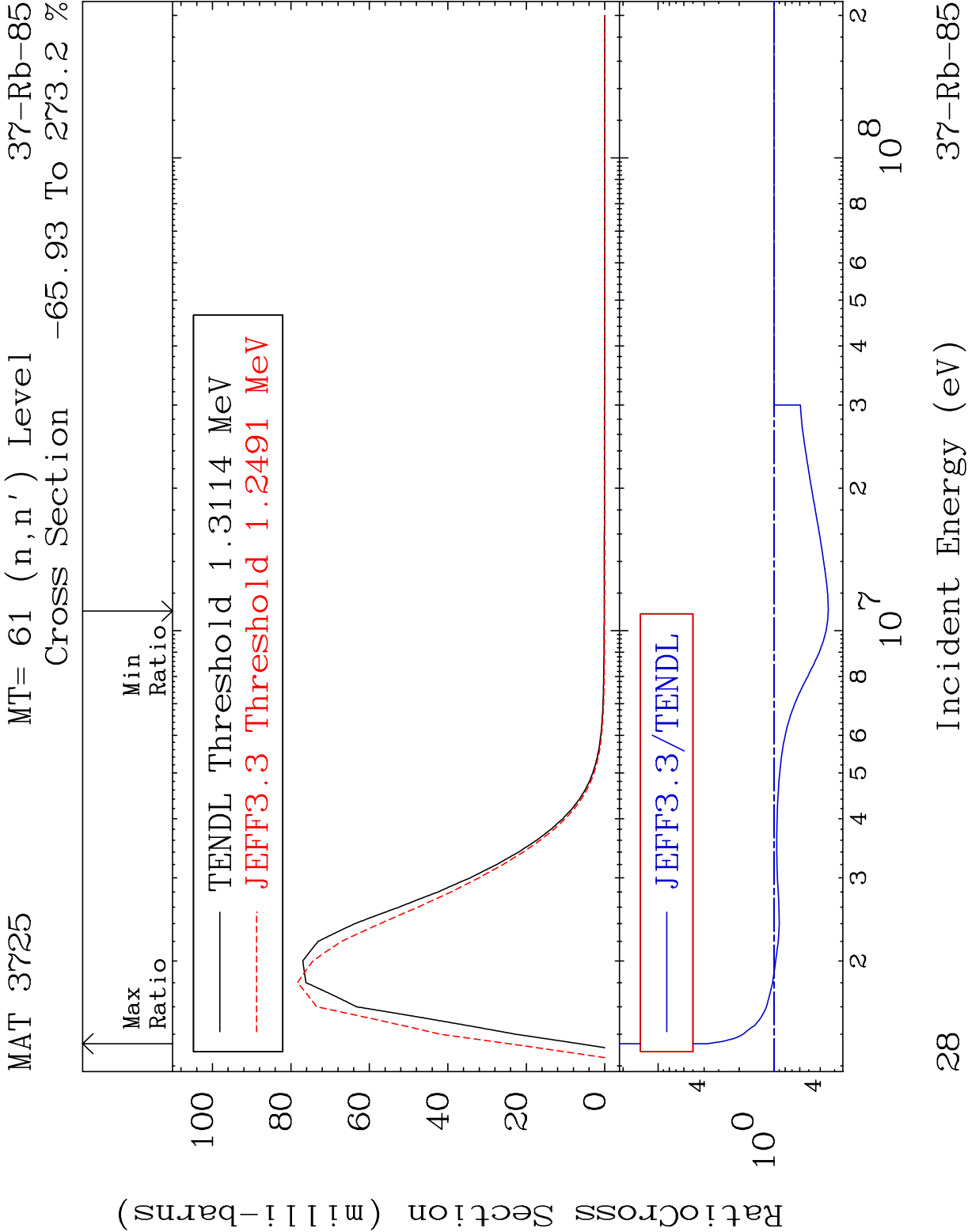
MAT 3725

MT= 60 (n, n') Level

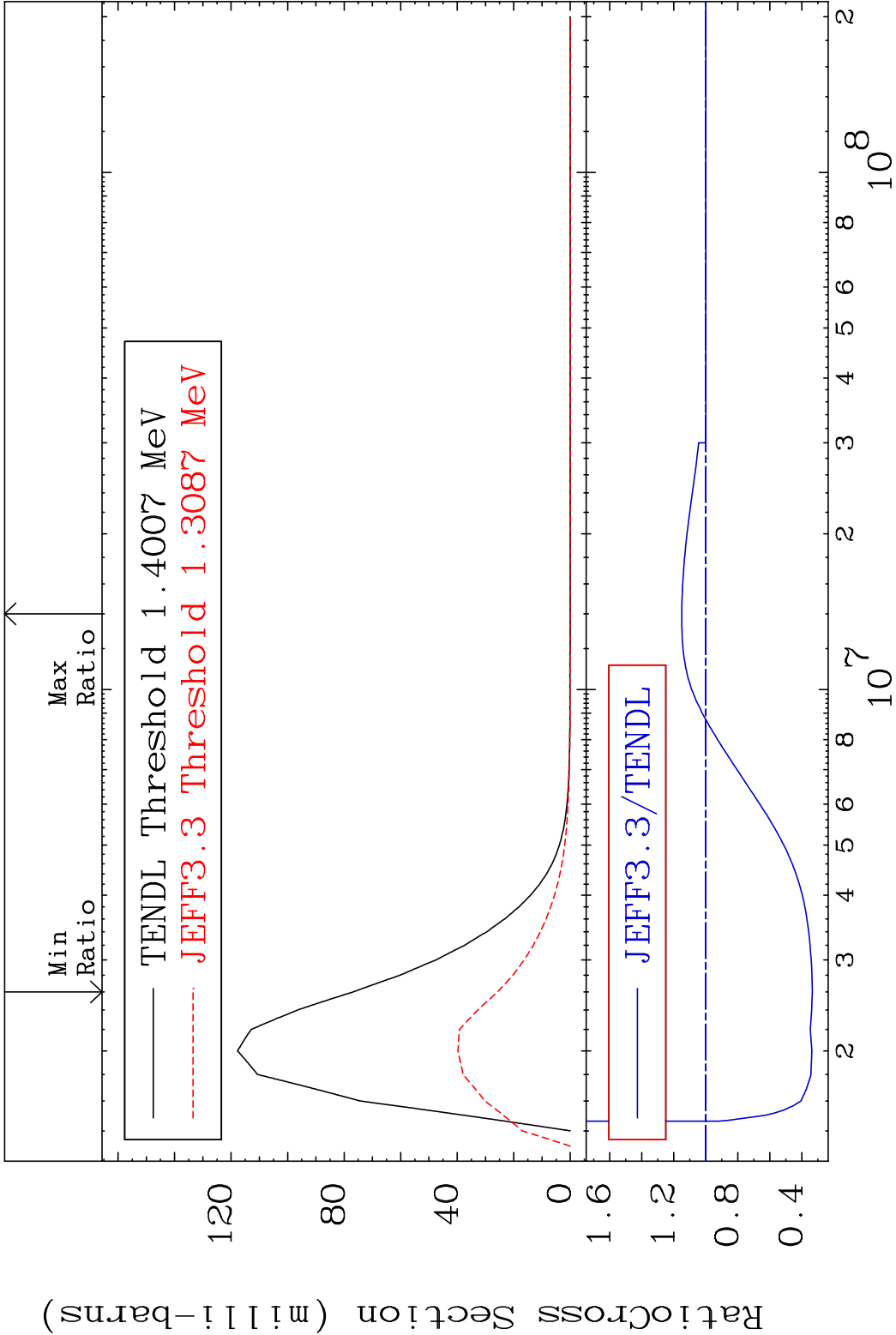
37-Rb-85

Cross Section -17.04 To 9999. %

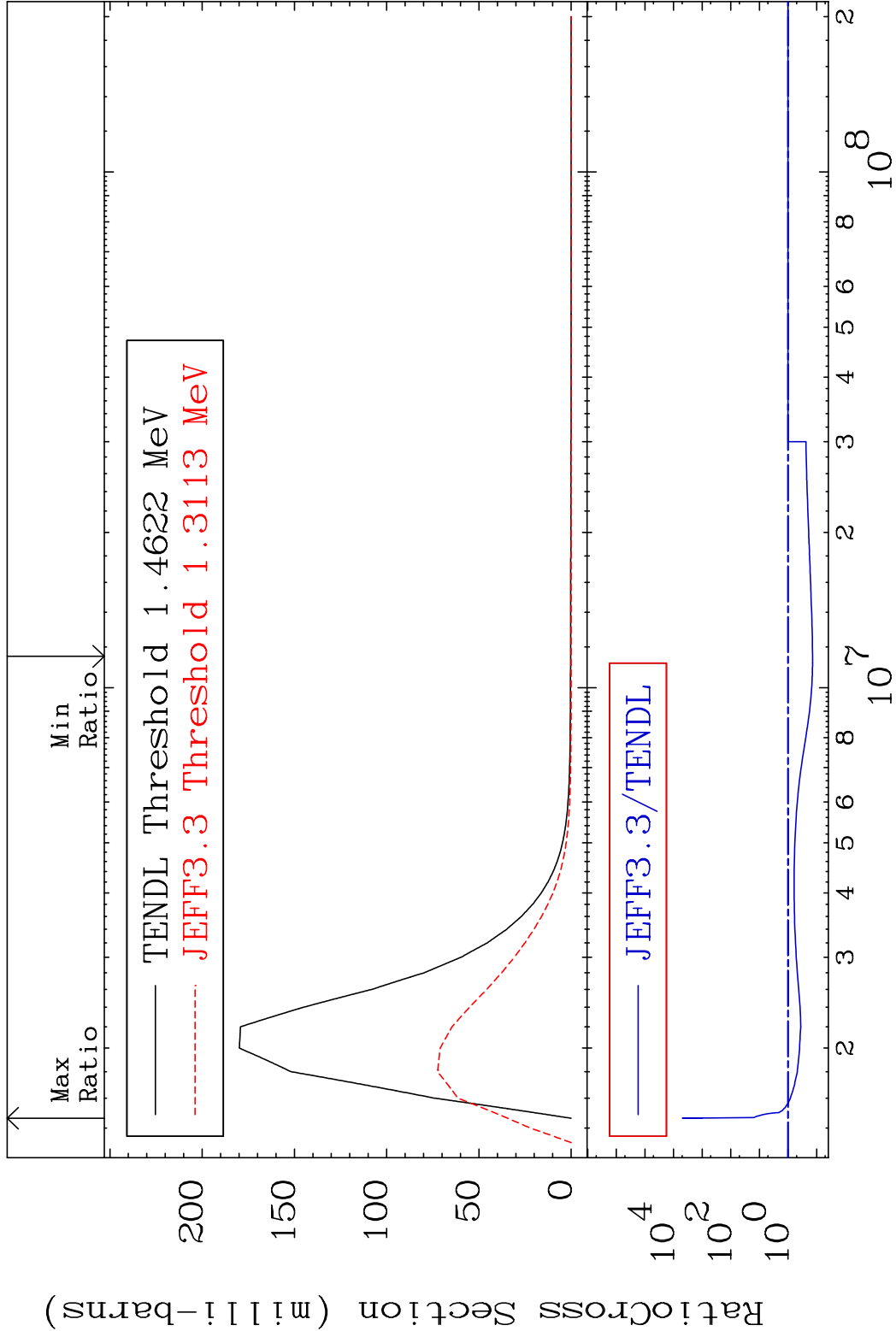




MAT 3725	MT= 62 (n,n')	Level	37-Rb-85
	Cross Section	-66.53 To 15.04 %	



MAT 3725 MT= 63 (n,n') Level 37-Rb-85
Cross Section -86.11 To 9999. %



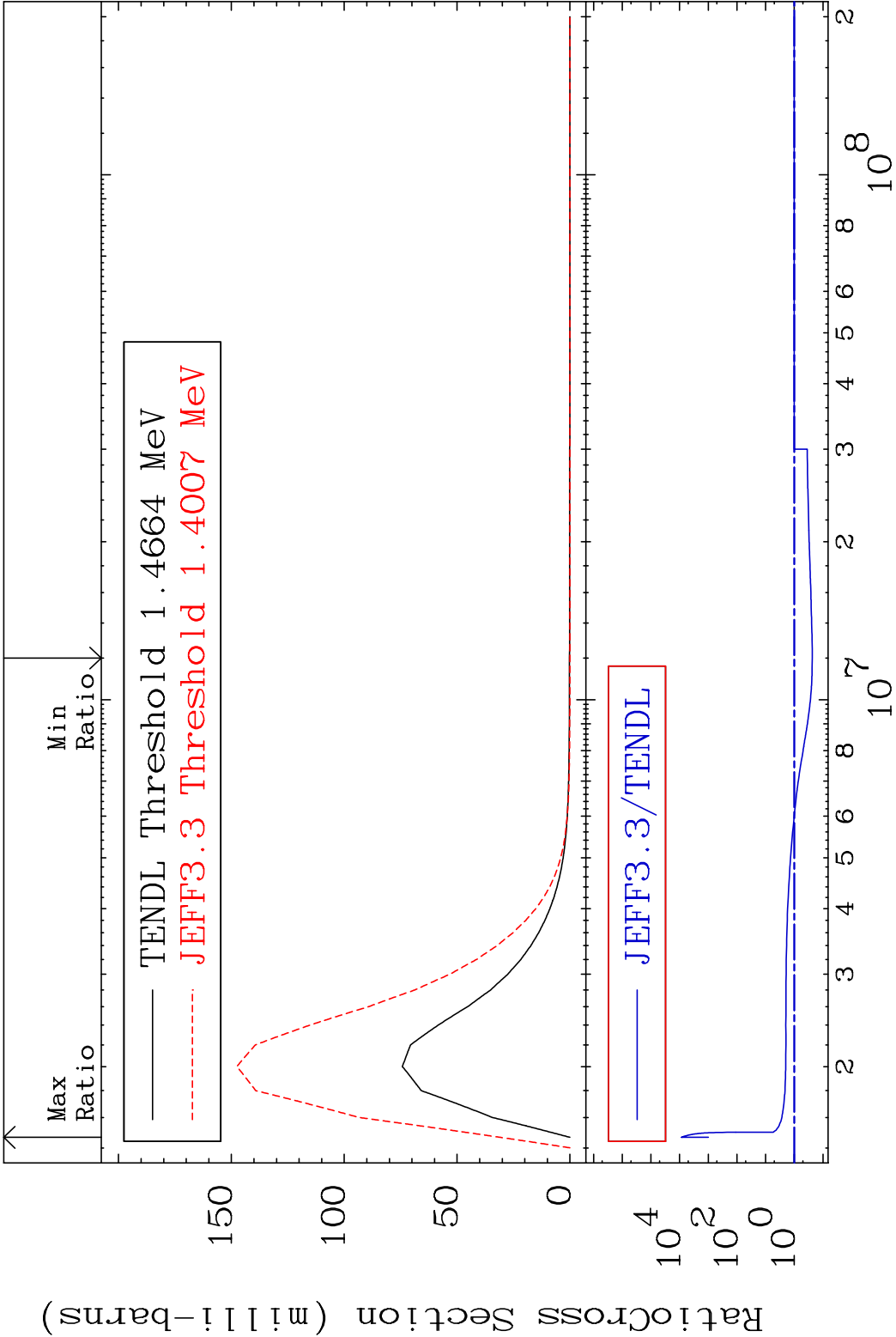
MAT 3725

MT= 64 (n,n') Level

37-Rb-85

Cross Section

-76.29 To 9999. %

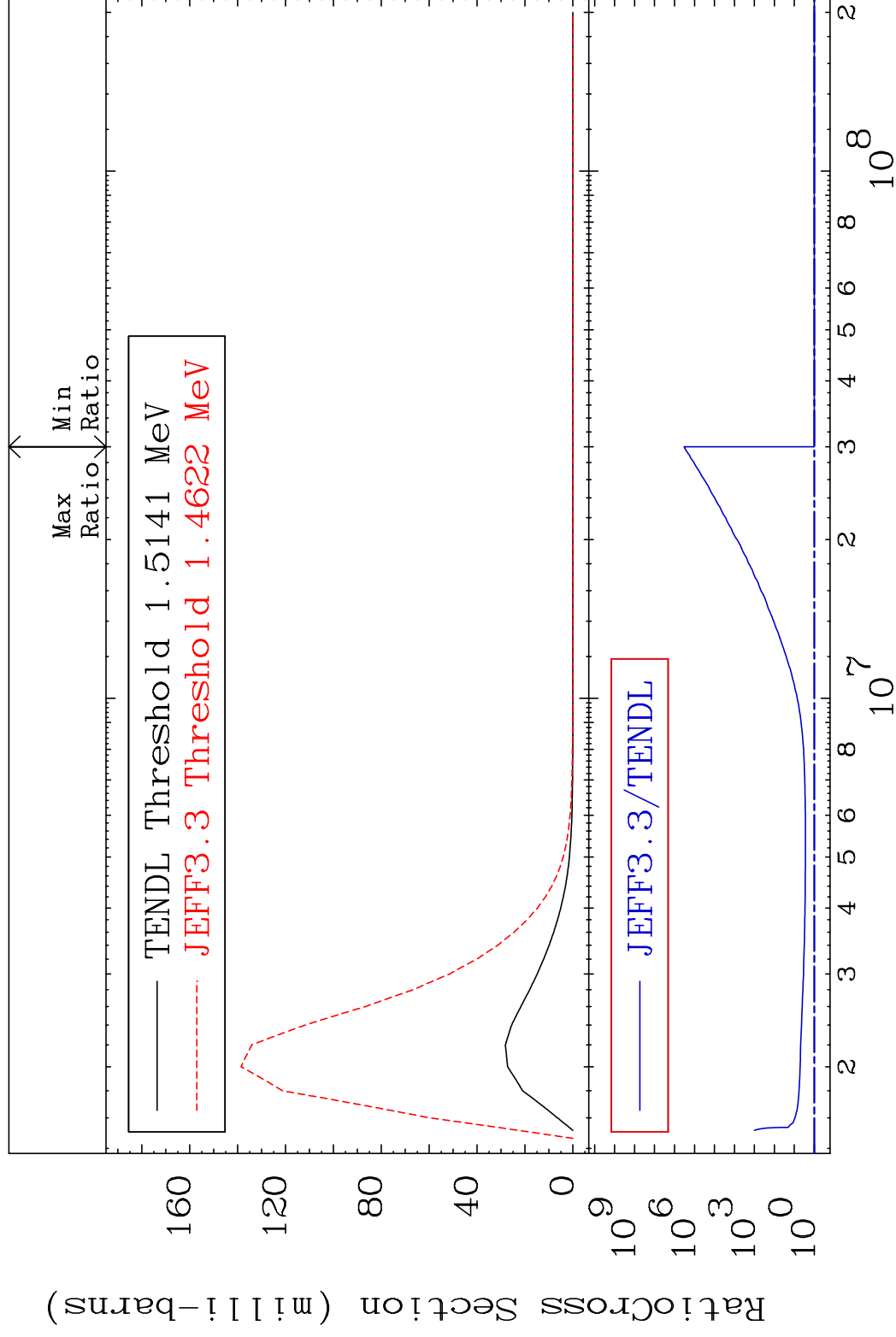


MAT 3725

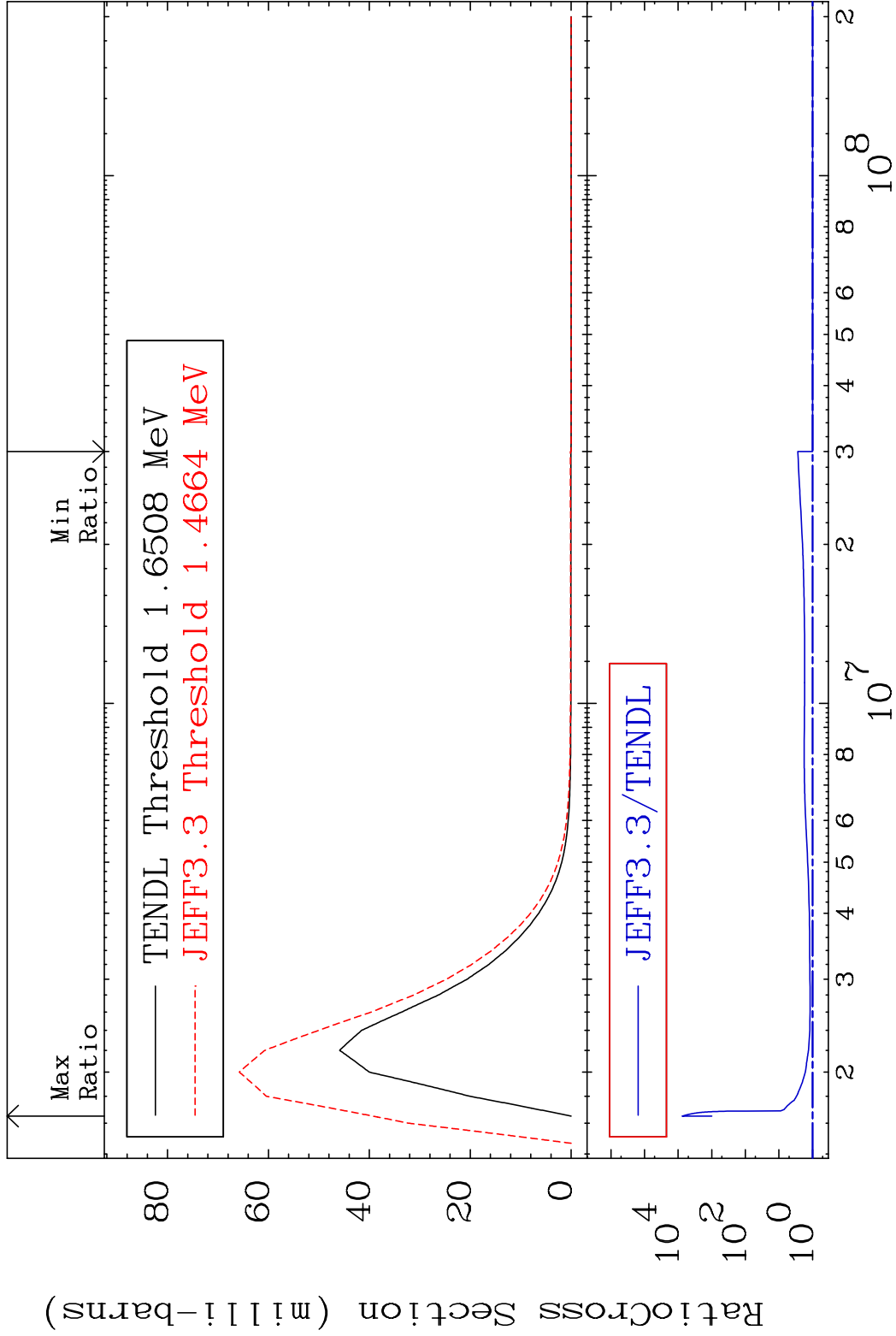
MT= 65 (n, n') Level

37-Rb-85

Cross Section 0.000 To 9999. %



MAT 3725 MT= 66 (n,n') Level 37-Rb-85
 Cross Section 0.000 To 9999. %



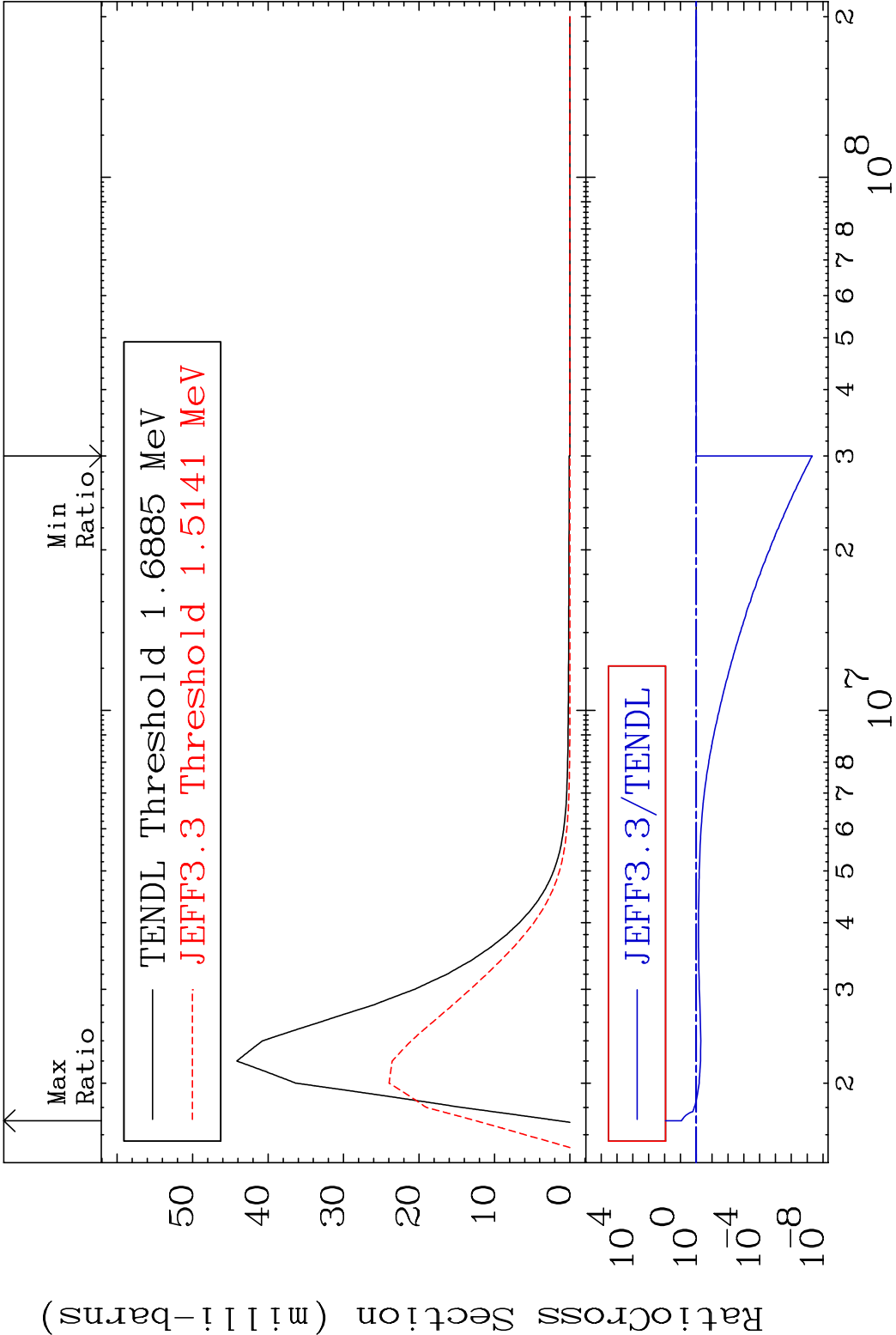
MAT 3725

MT= 67 (n,n') Level

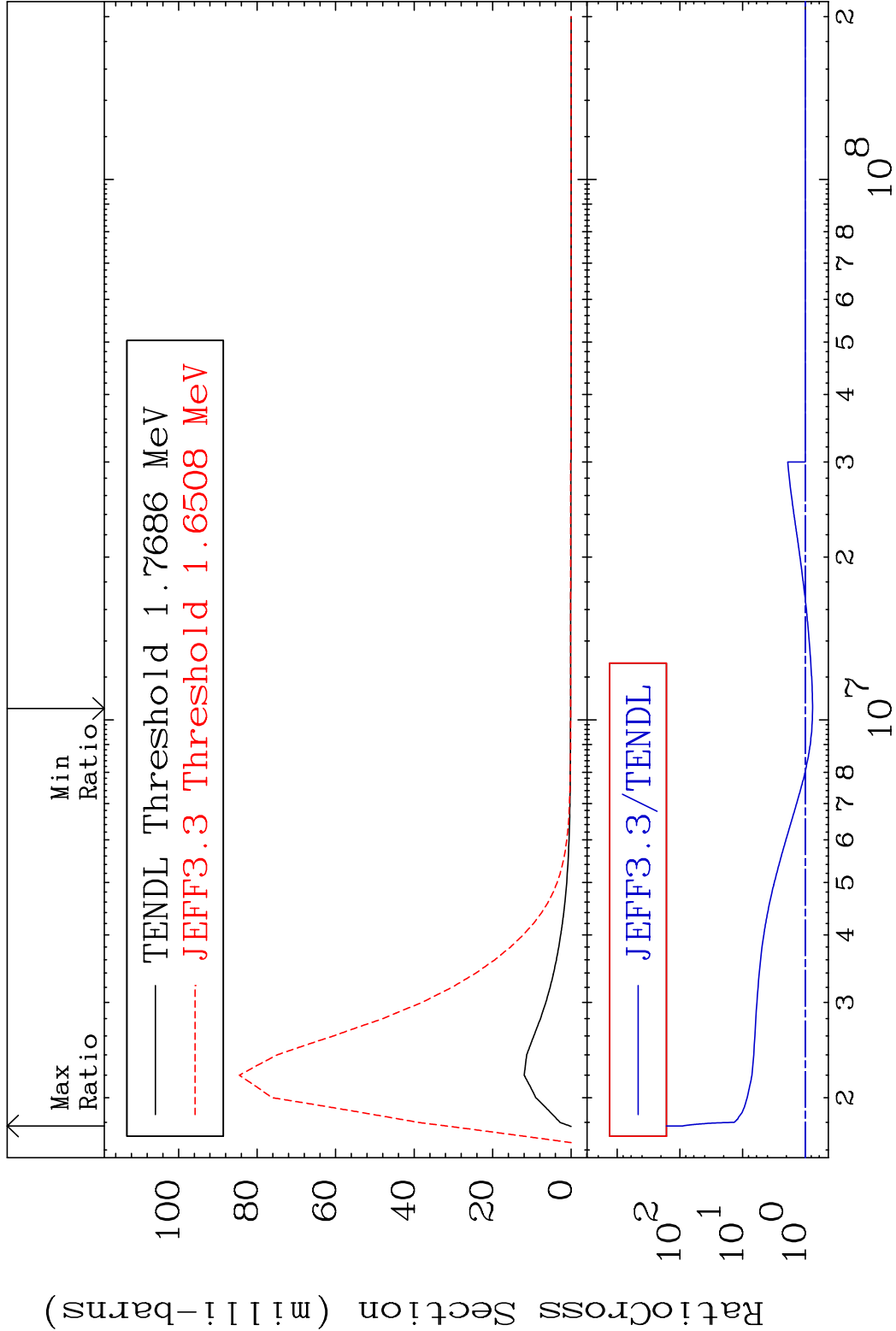
37-Rb-85

Cross Section

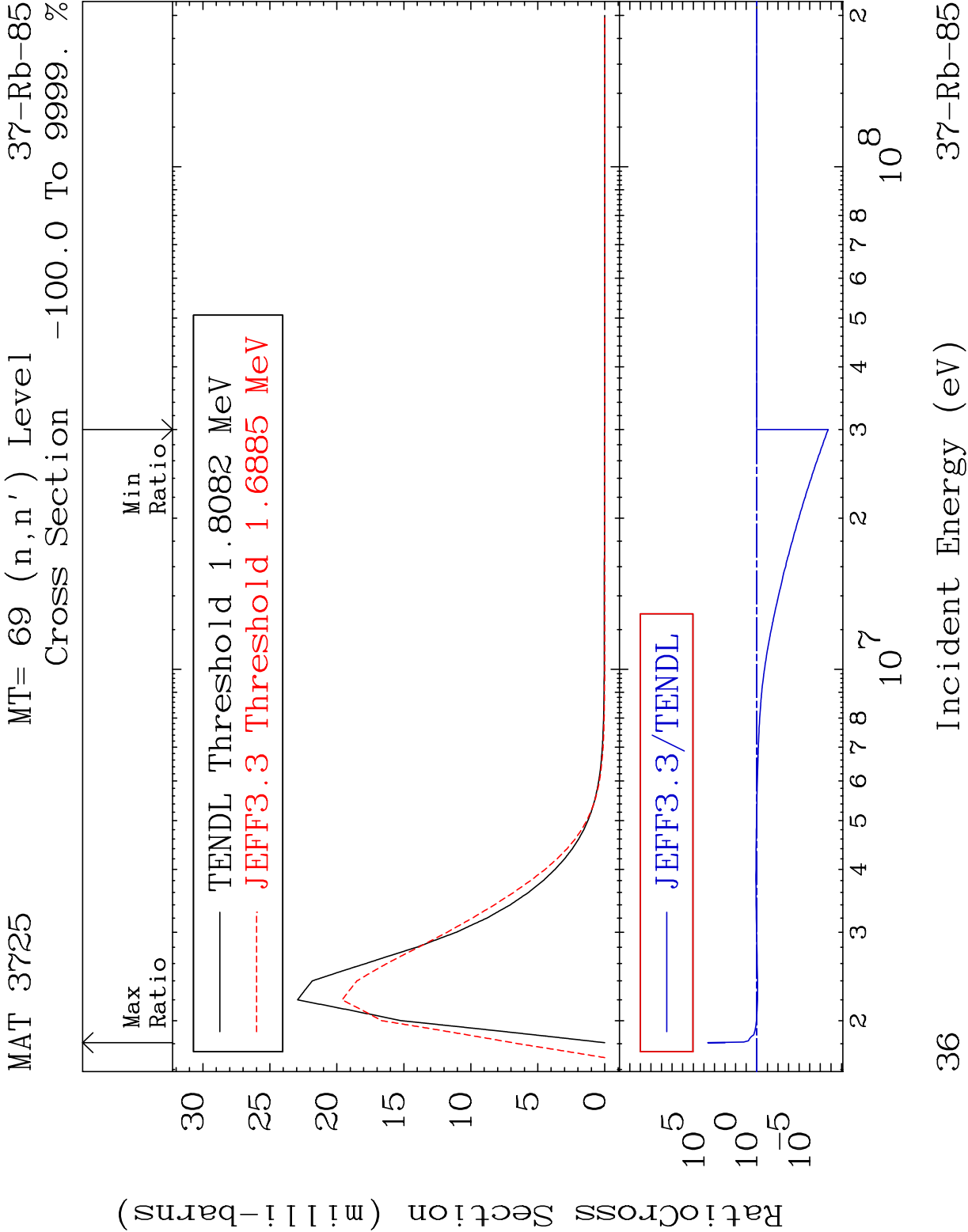
-100.0 To 746.7 %



MAT 3725 MT= 68 (n,n') Level 37-Rb-85
Cross Section -23.65 To 9013. %



35 Incident Energy (eV) 37-Rb-85

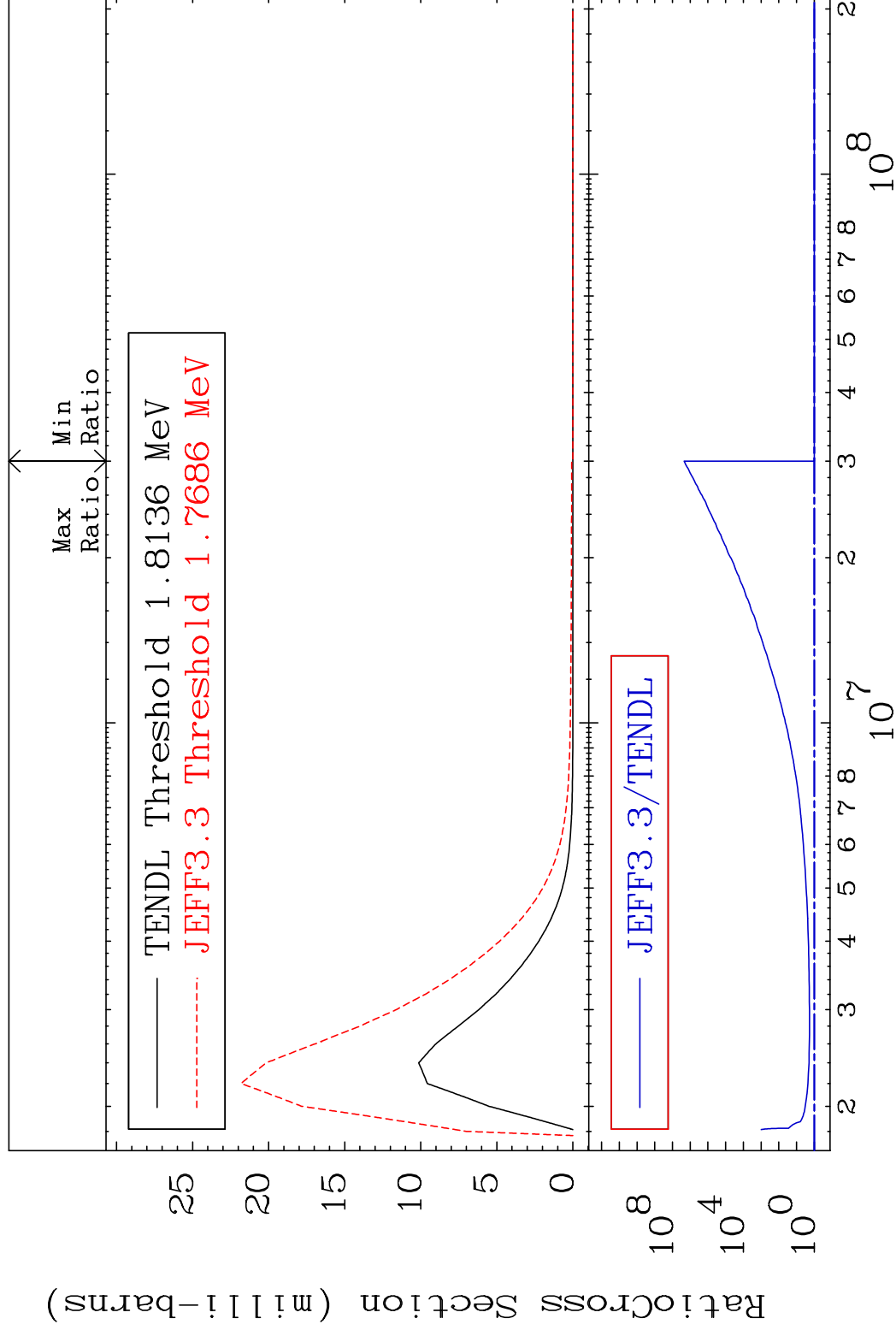


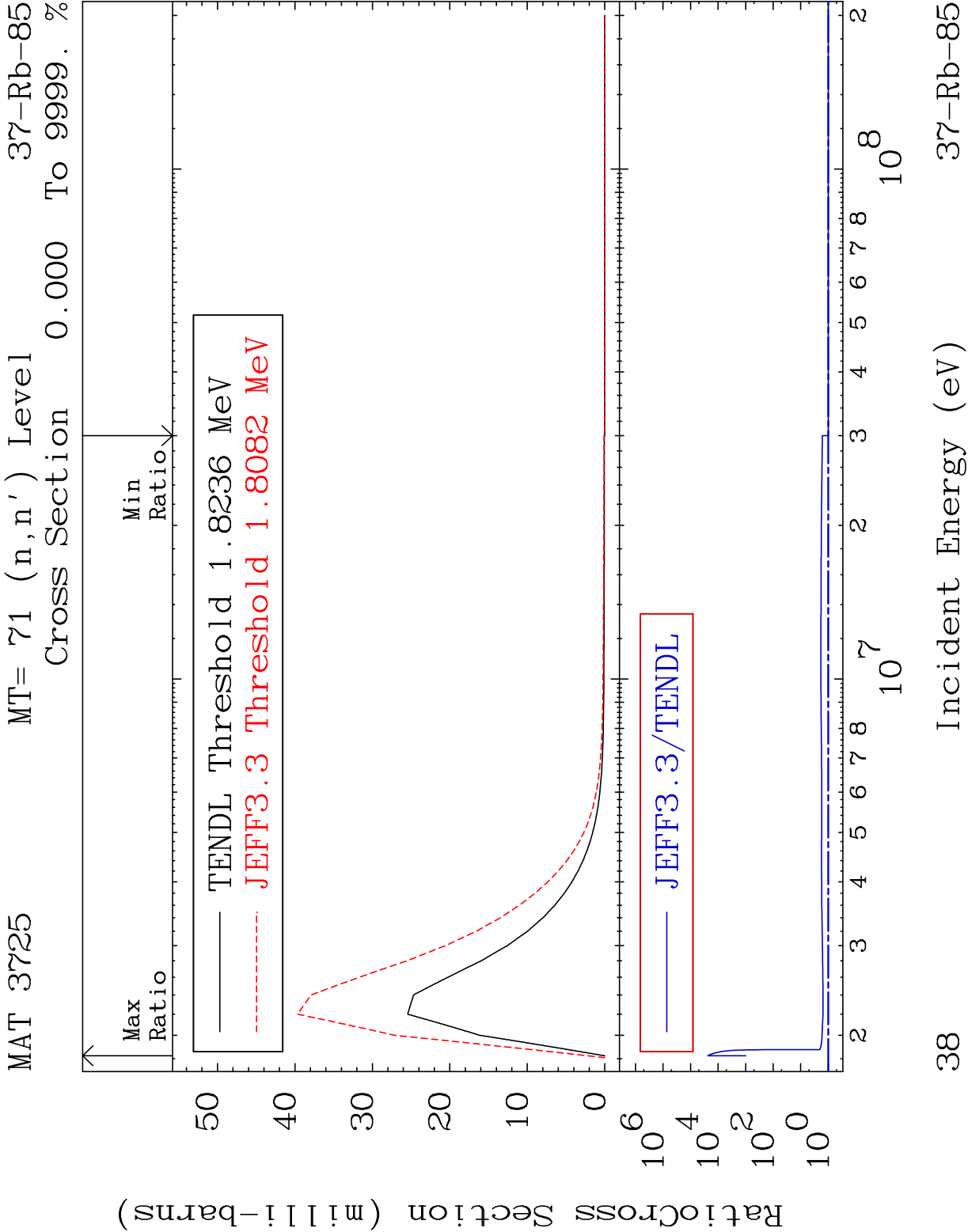
MAT 3725

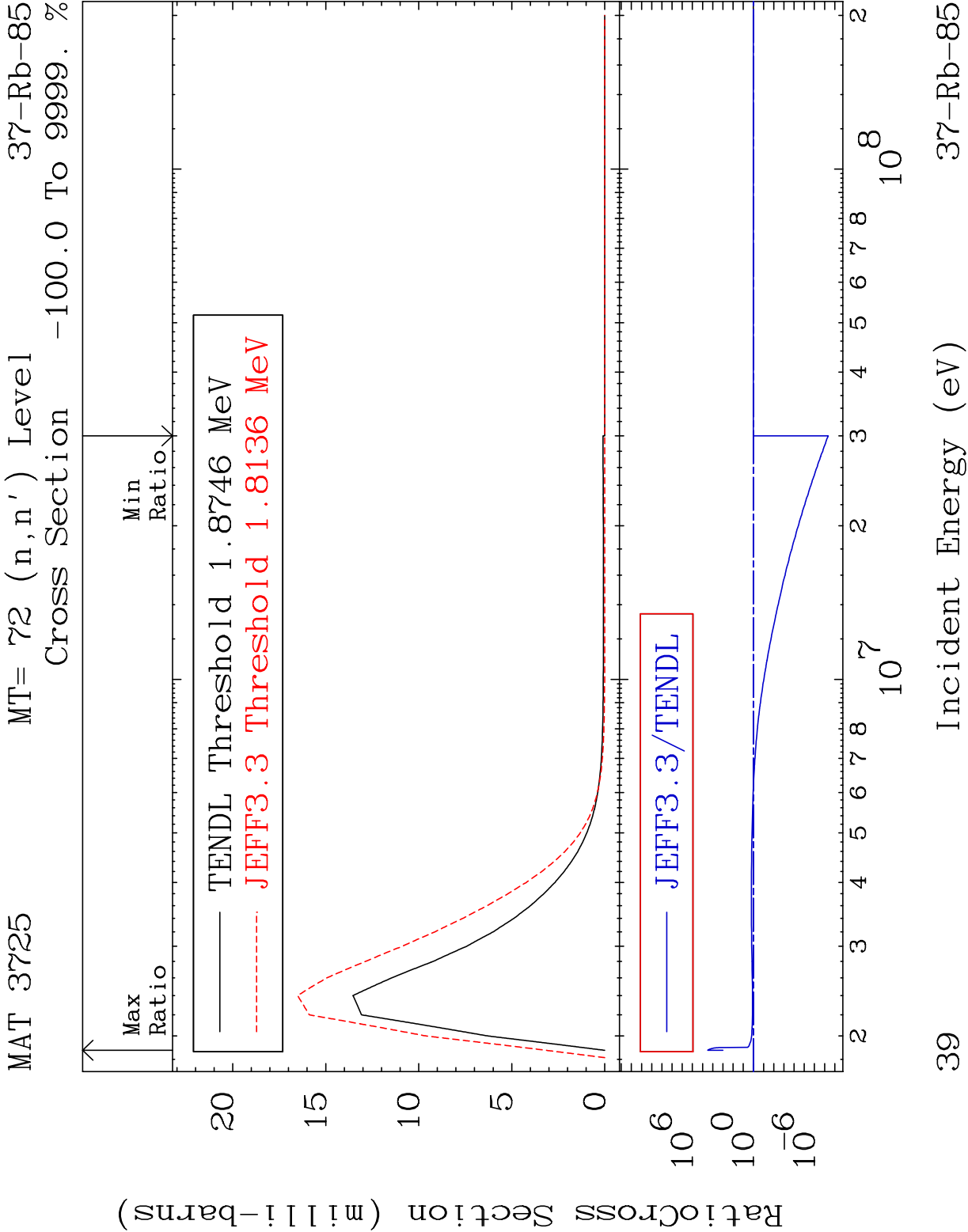
MT= 70 (n, n') Level

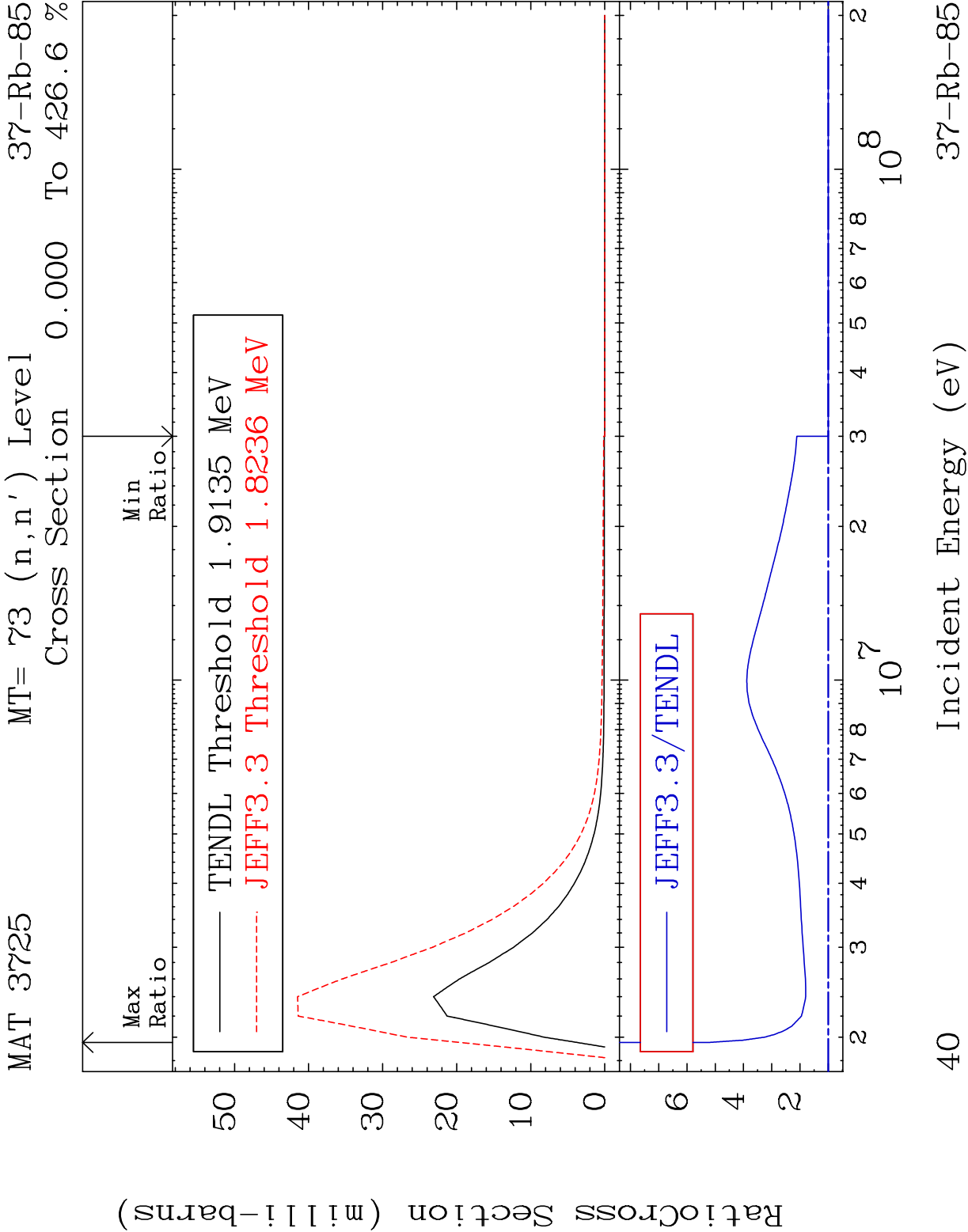
37-Rb-85

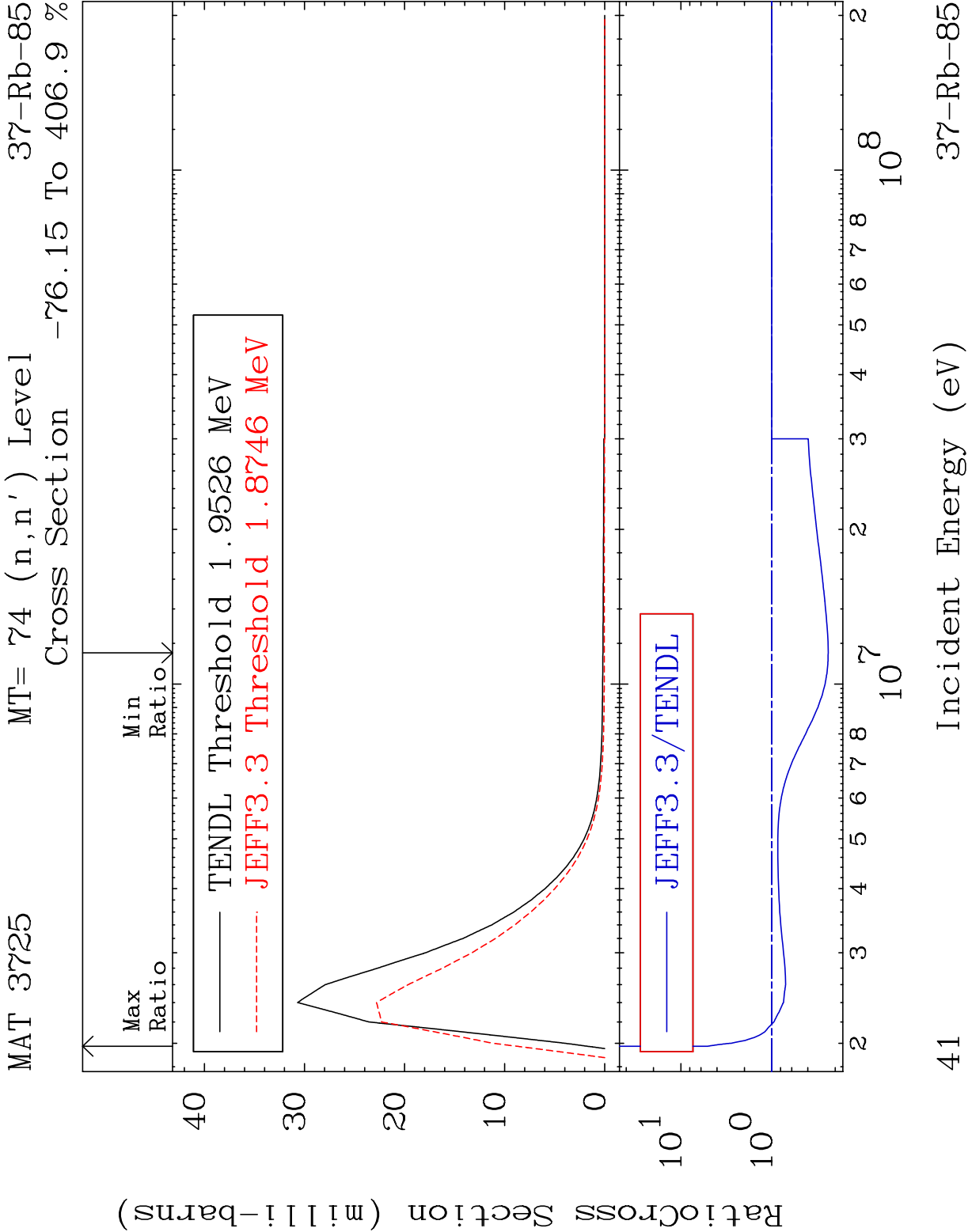
Cross Section 0.000 To 9999. %

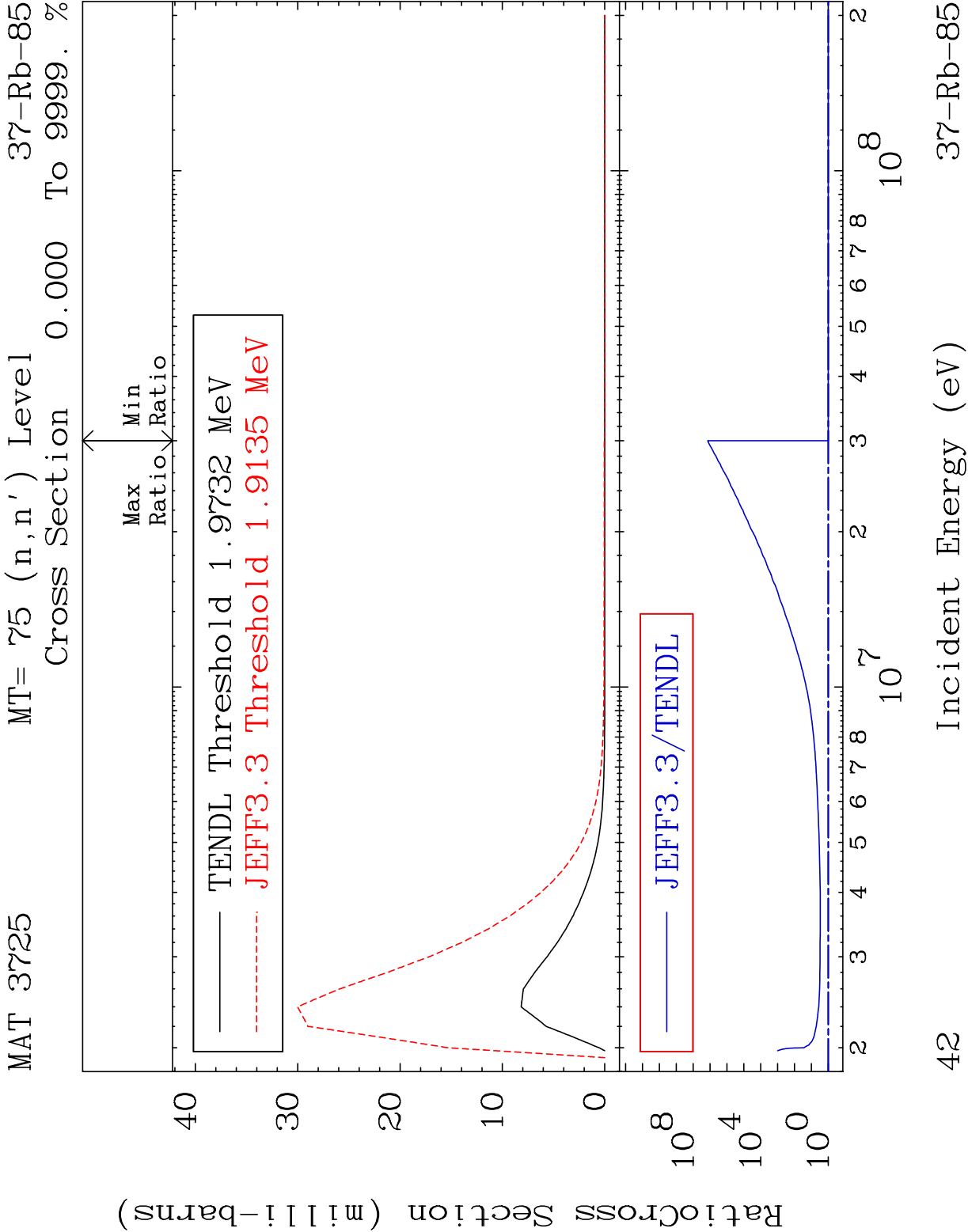




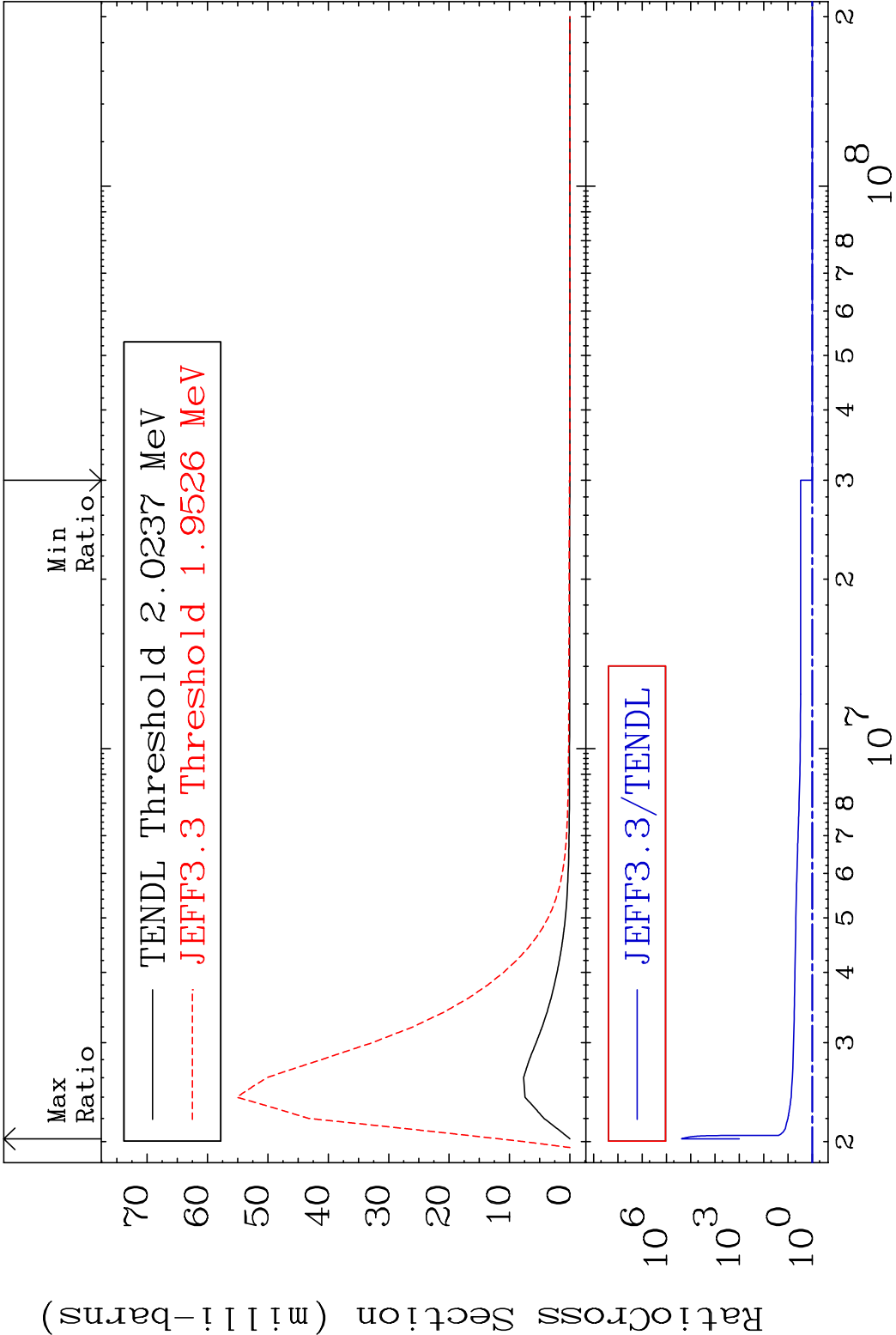




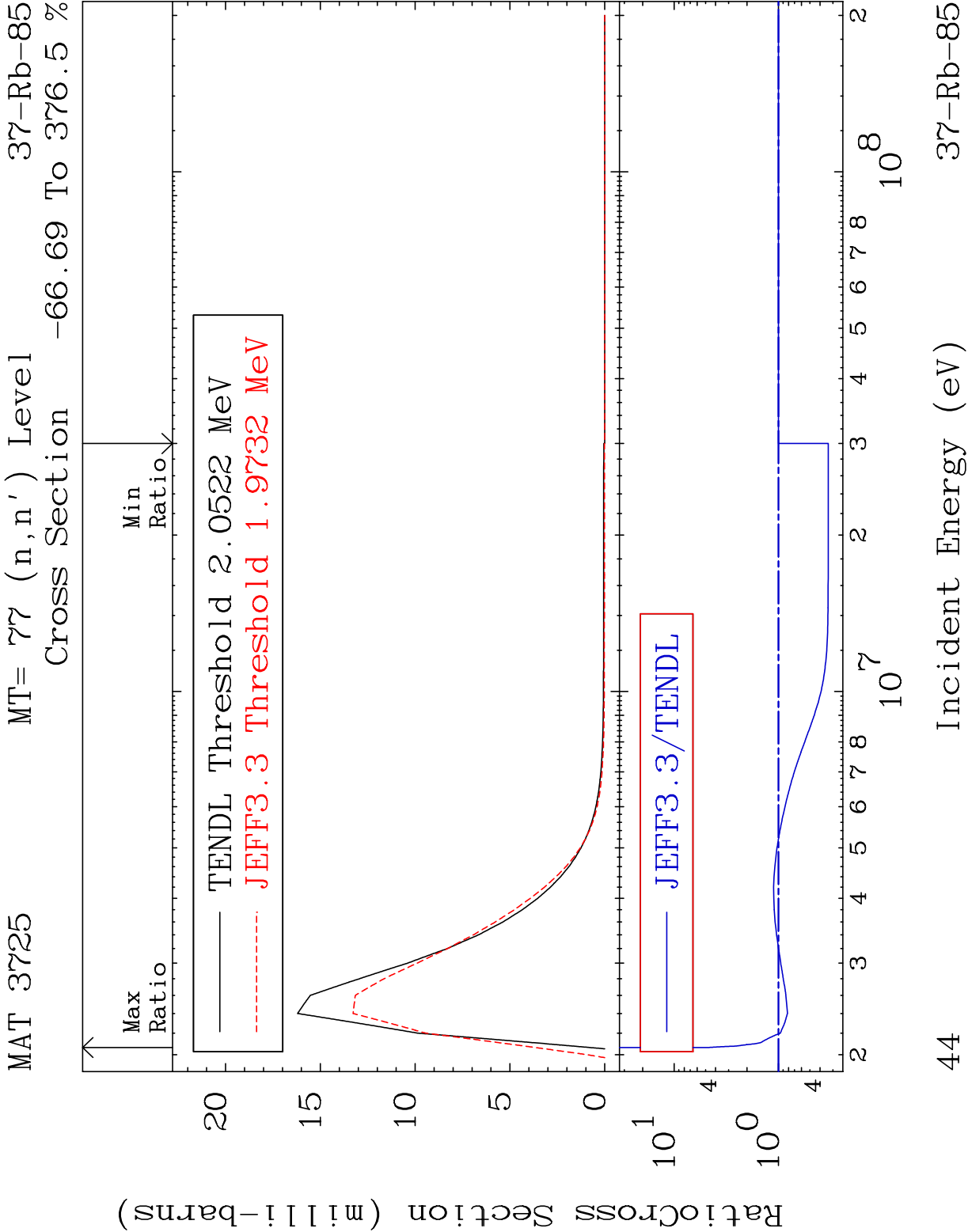




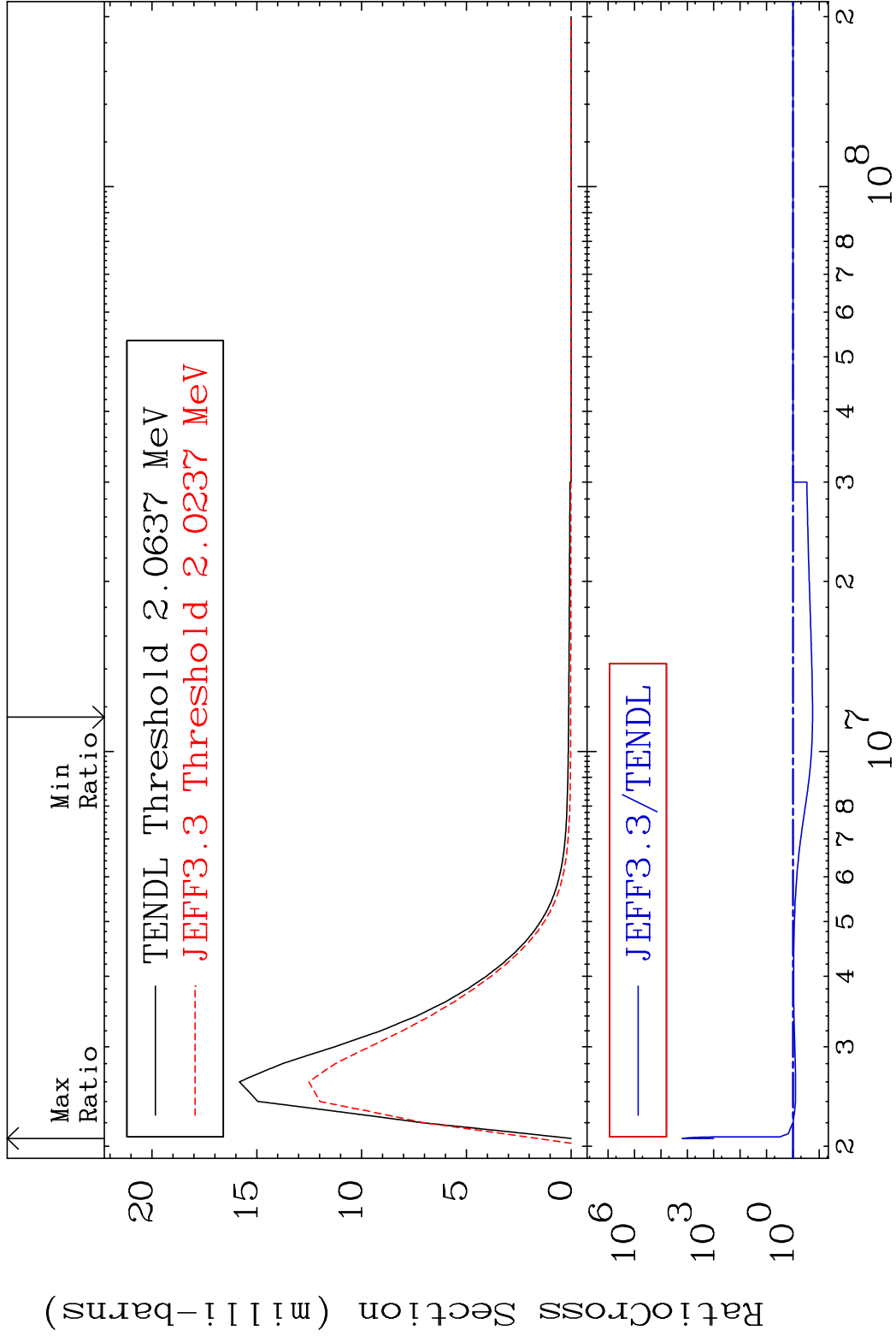
MAT 3725 MT= 76 (n,n') Level 37-Rb-85
Cross Section 0.000 To 9999. %



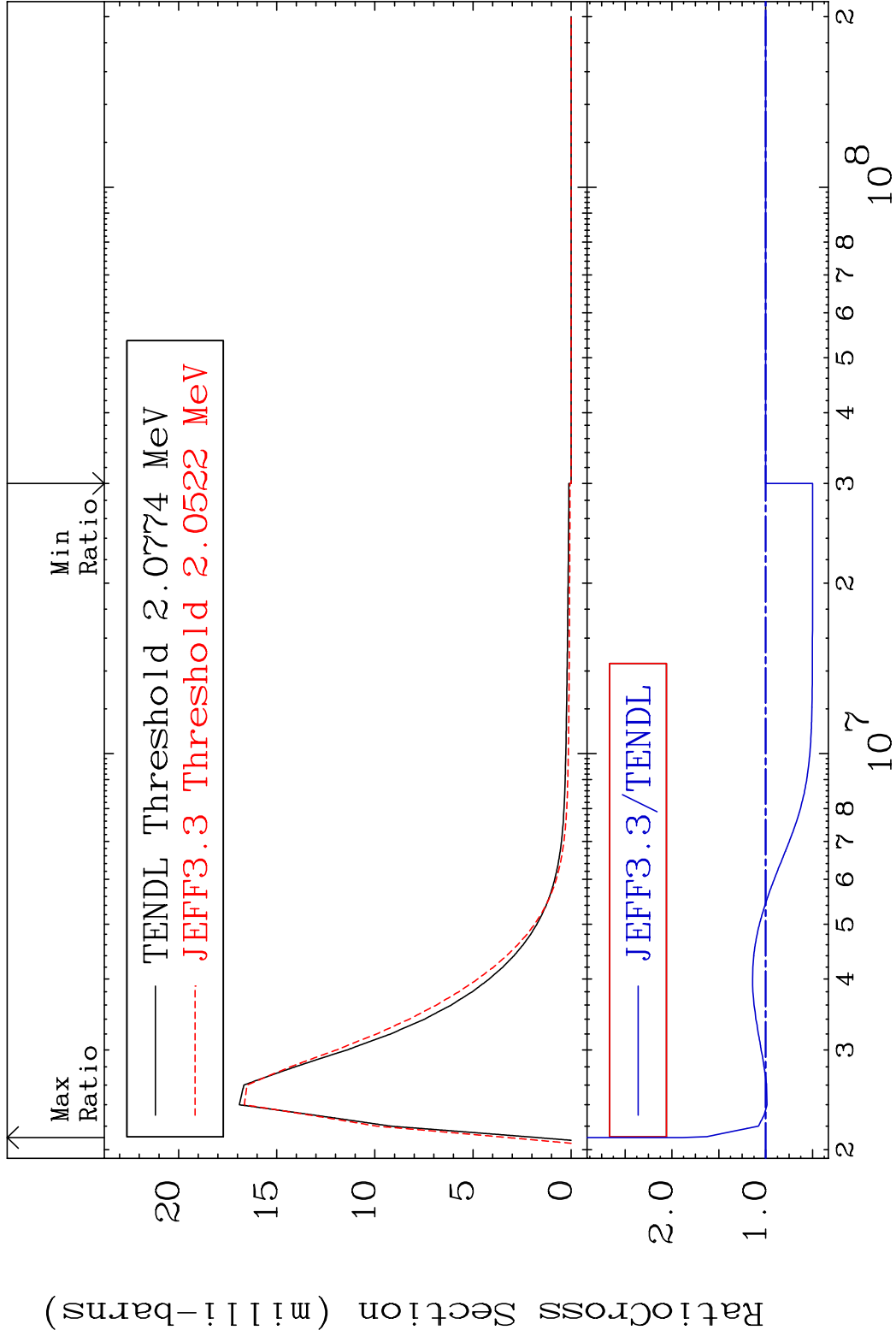
43 Incident Energy (eV) 37-Rb-85



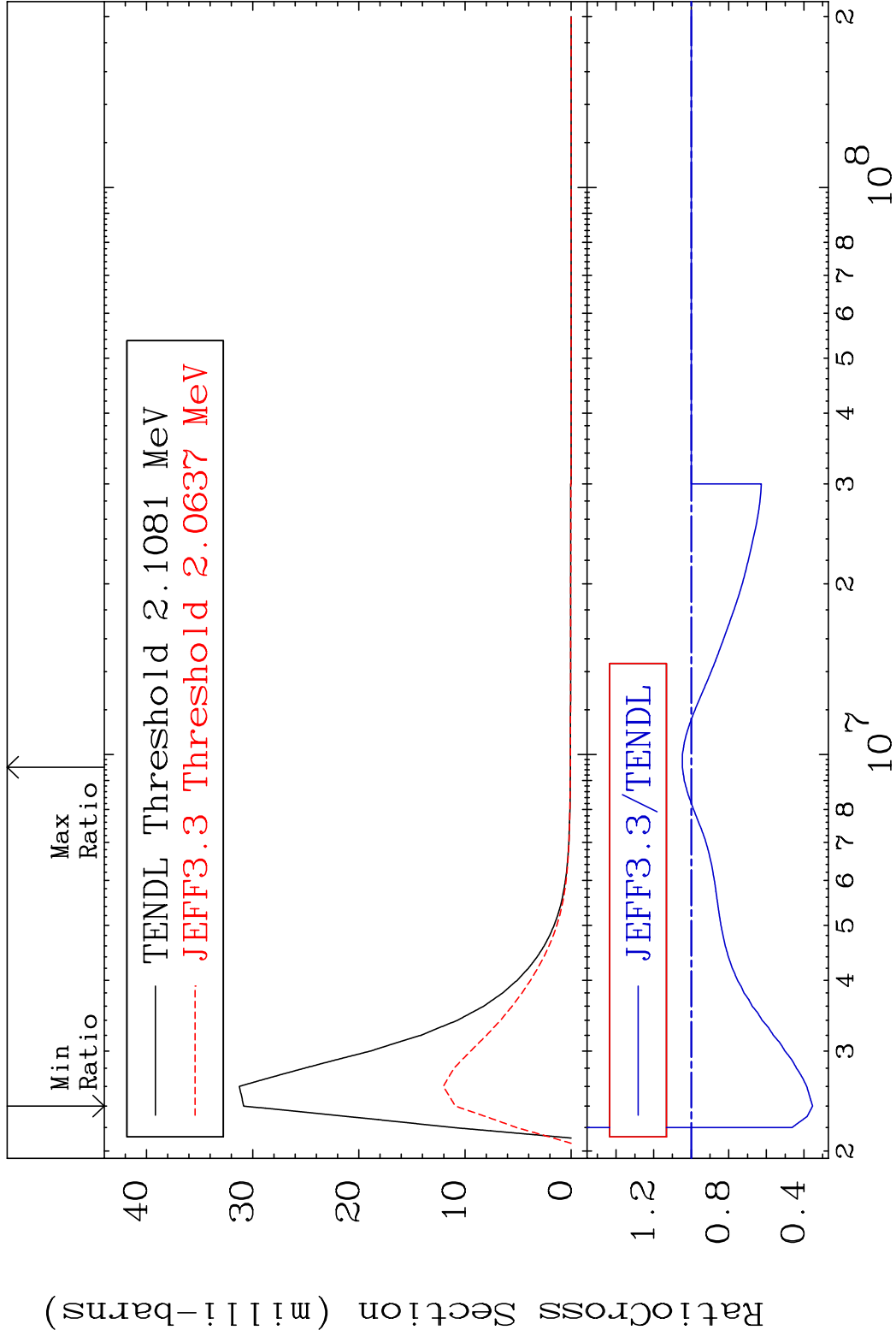
MAT 3725 MT= 78 (n,n') Level 37-Rb-85
Cross Section -81.96 To 9999. %

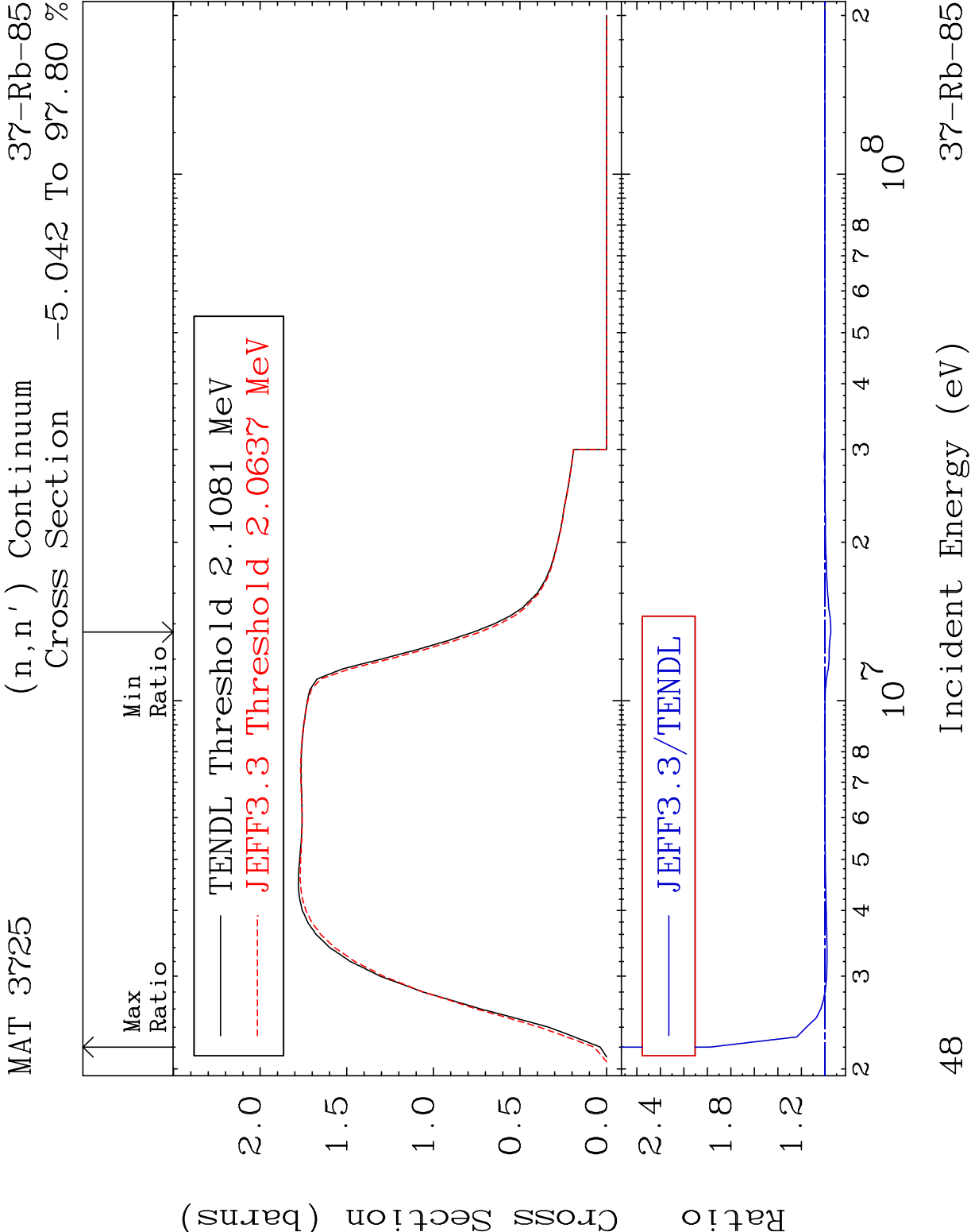


MAT 3725 MT= 79 (n,n') Level 37-Rb-85
Cross Section -50.03 To 88.86 %



MAT 3725 MT= 80 (n,n') Level 37-Rb-85
Cross Section -64.60 To 4.727 %





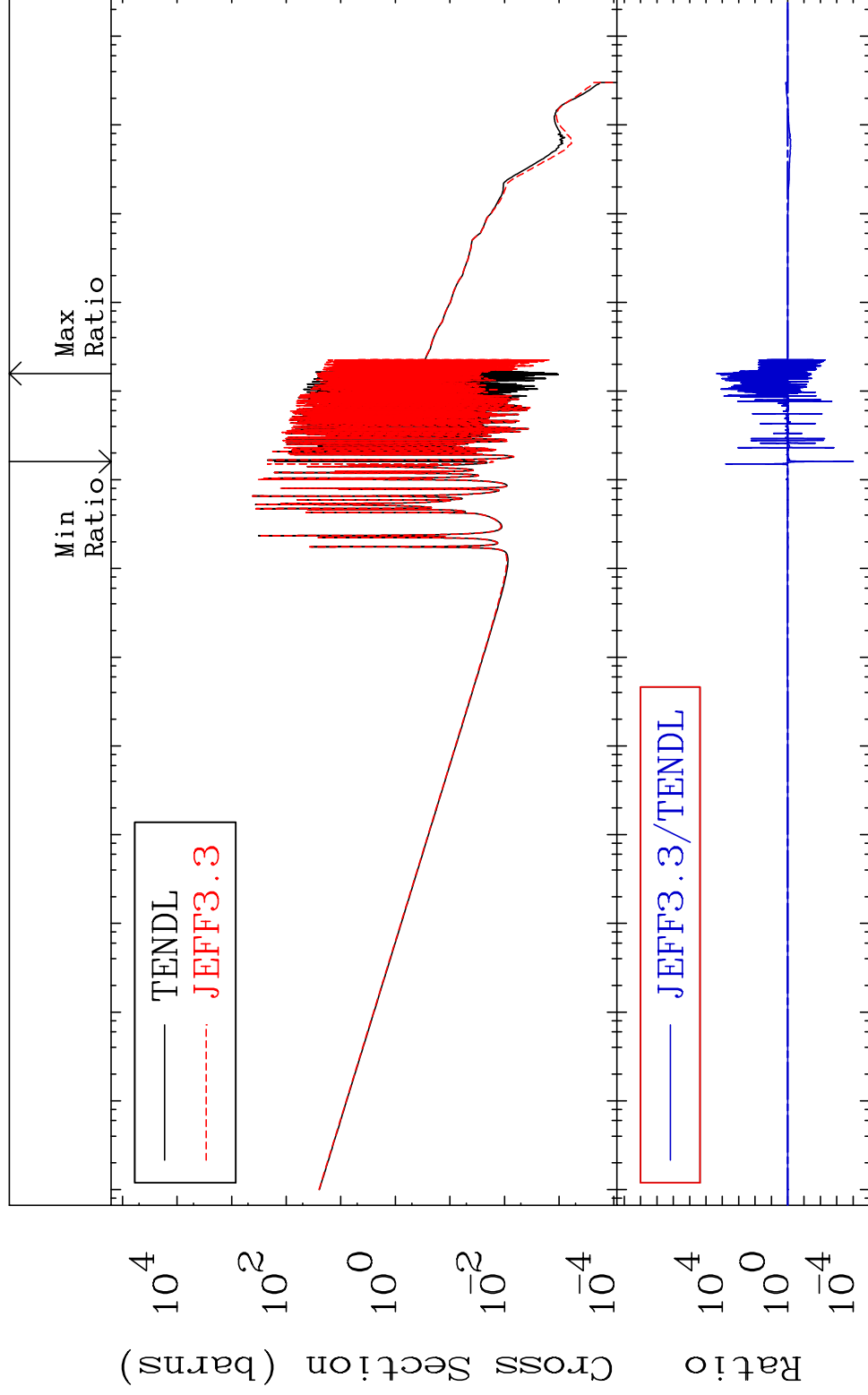
MAT 3725

(n, γ)

37-Rb-85

Cross Section

-99.99 To 9999. %



49

Incident Energy (eV)

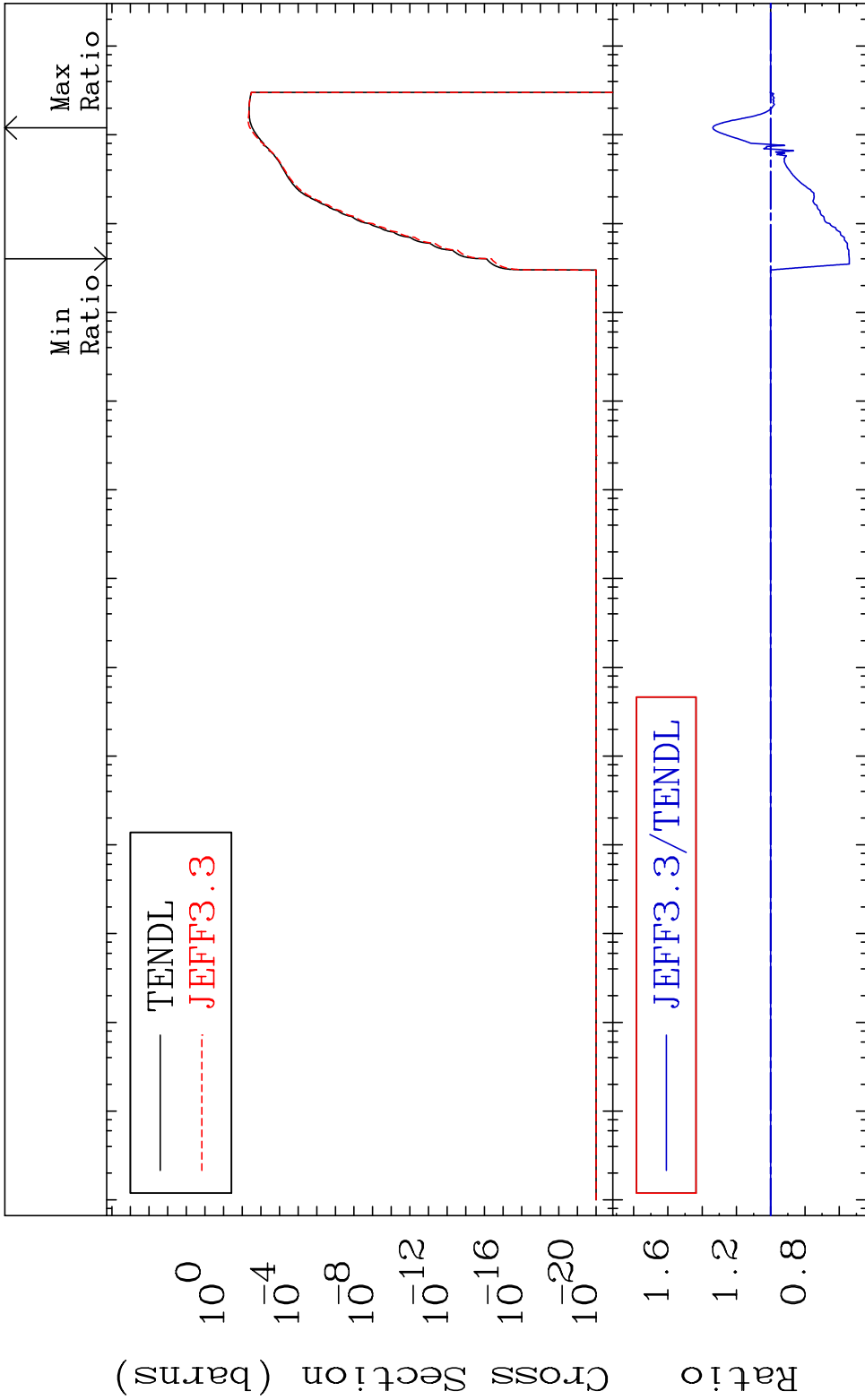
37-Rb-85

MAT 3725

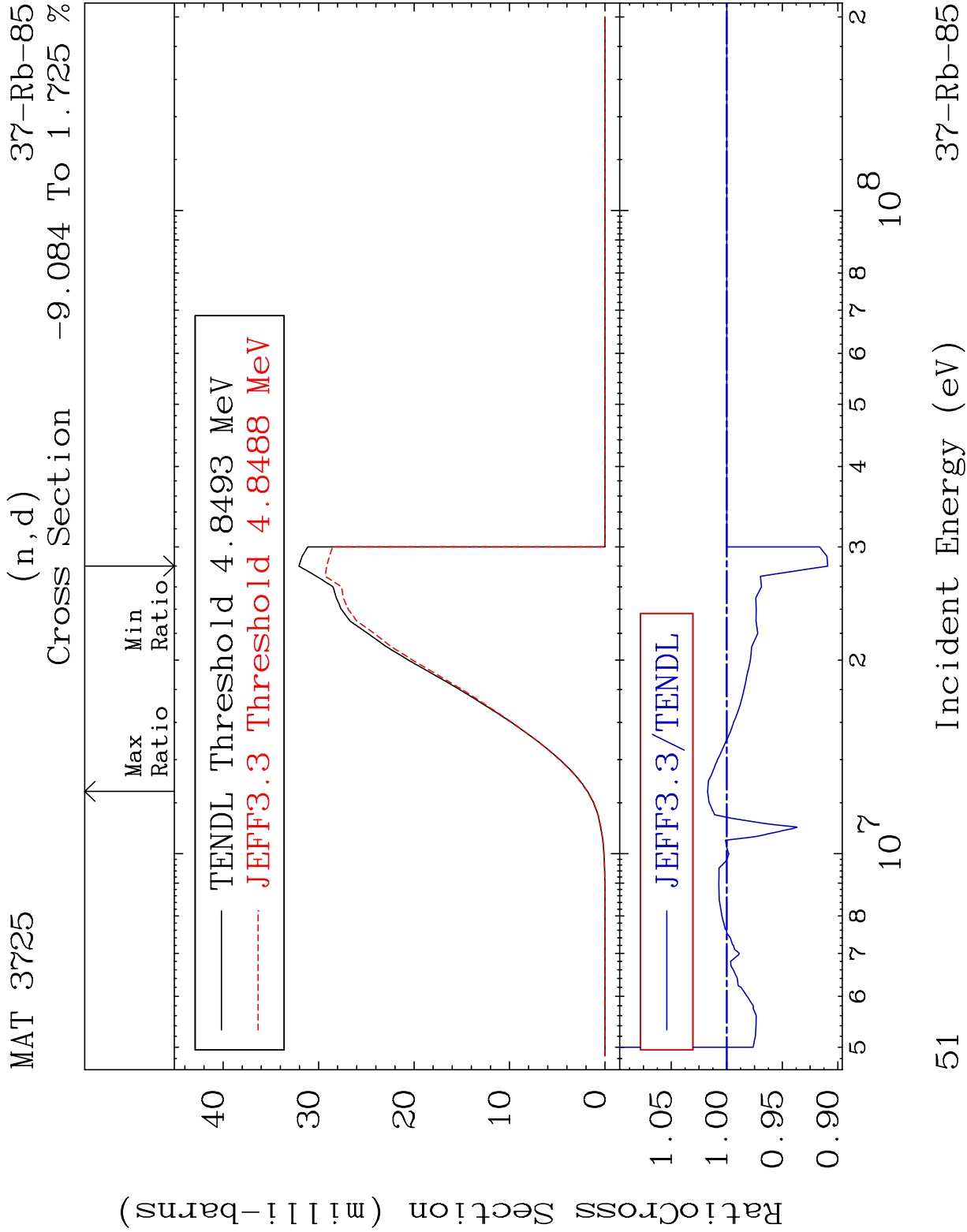
(n,p)

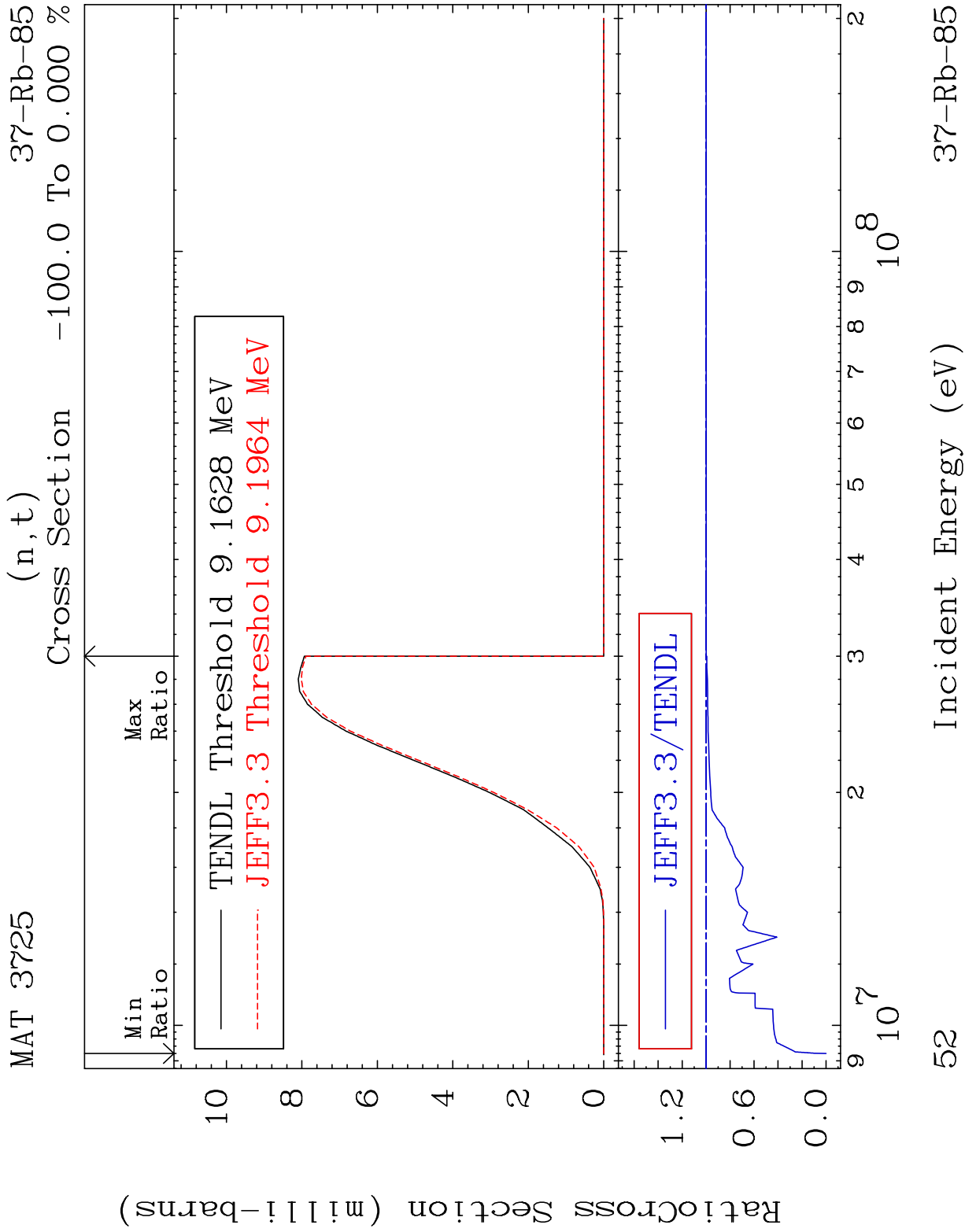
37-Rb-85

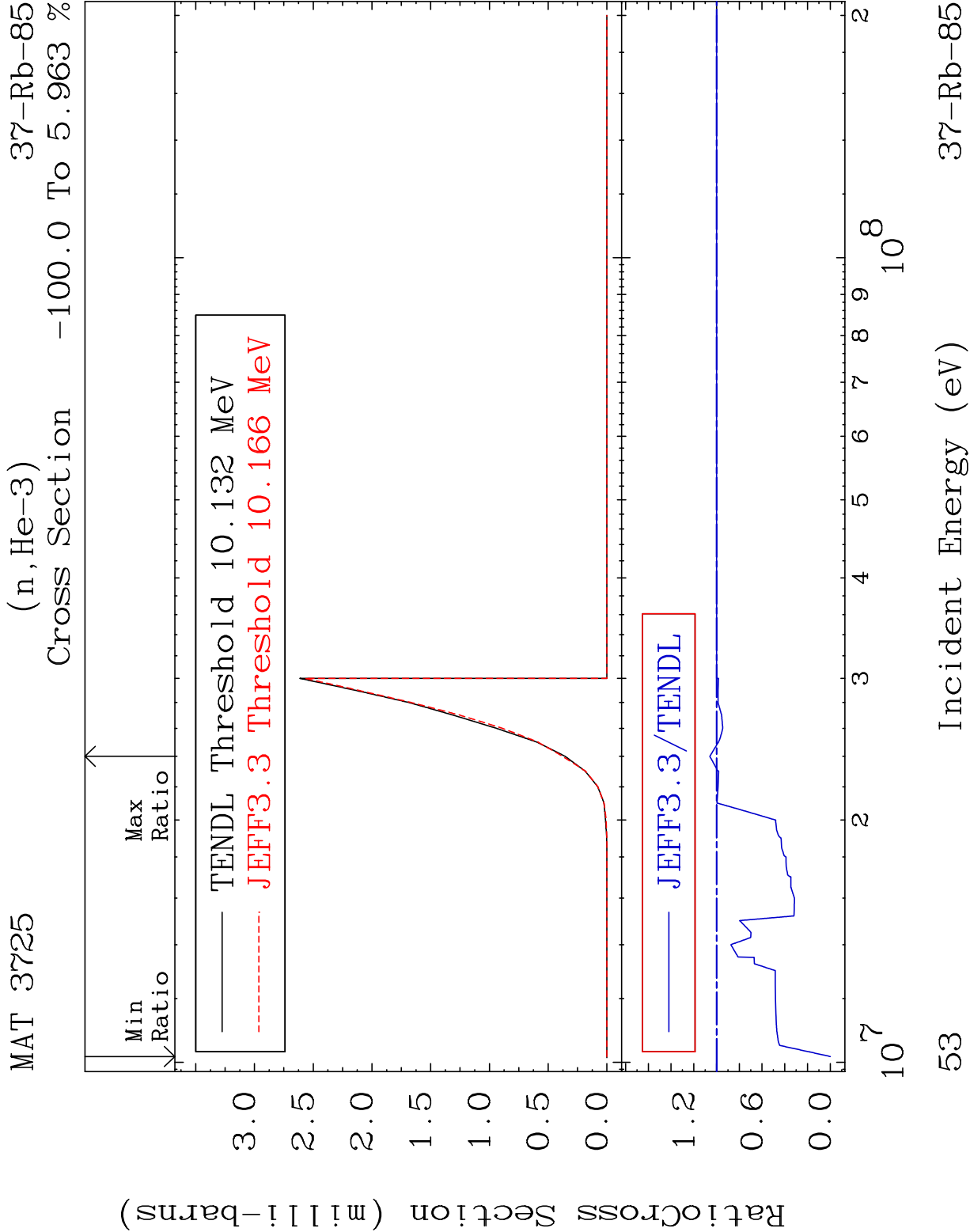
Cross Section -45.82 To 33.83 %



50 Incident Energy (eV) 37-Rb-85





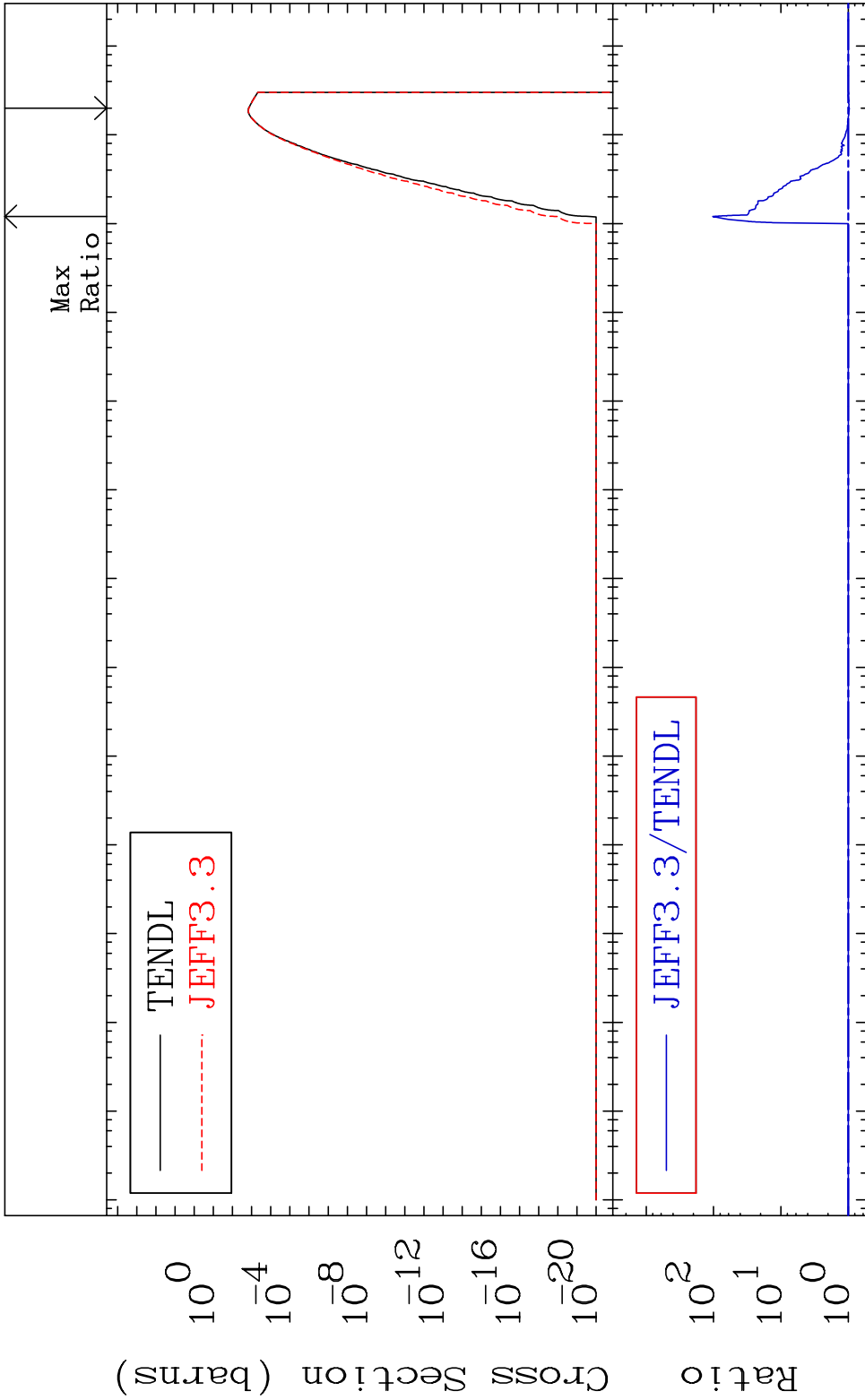


MAT 3725

(n, α)

37-Rb-85

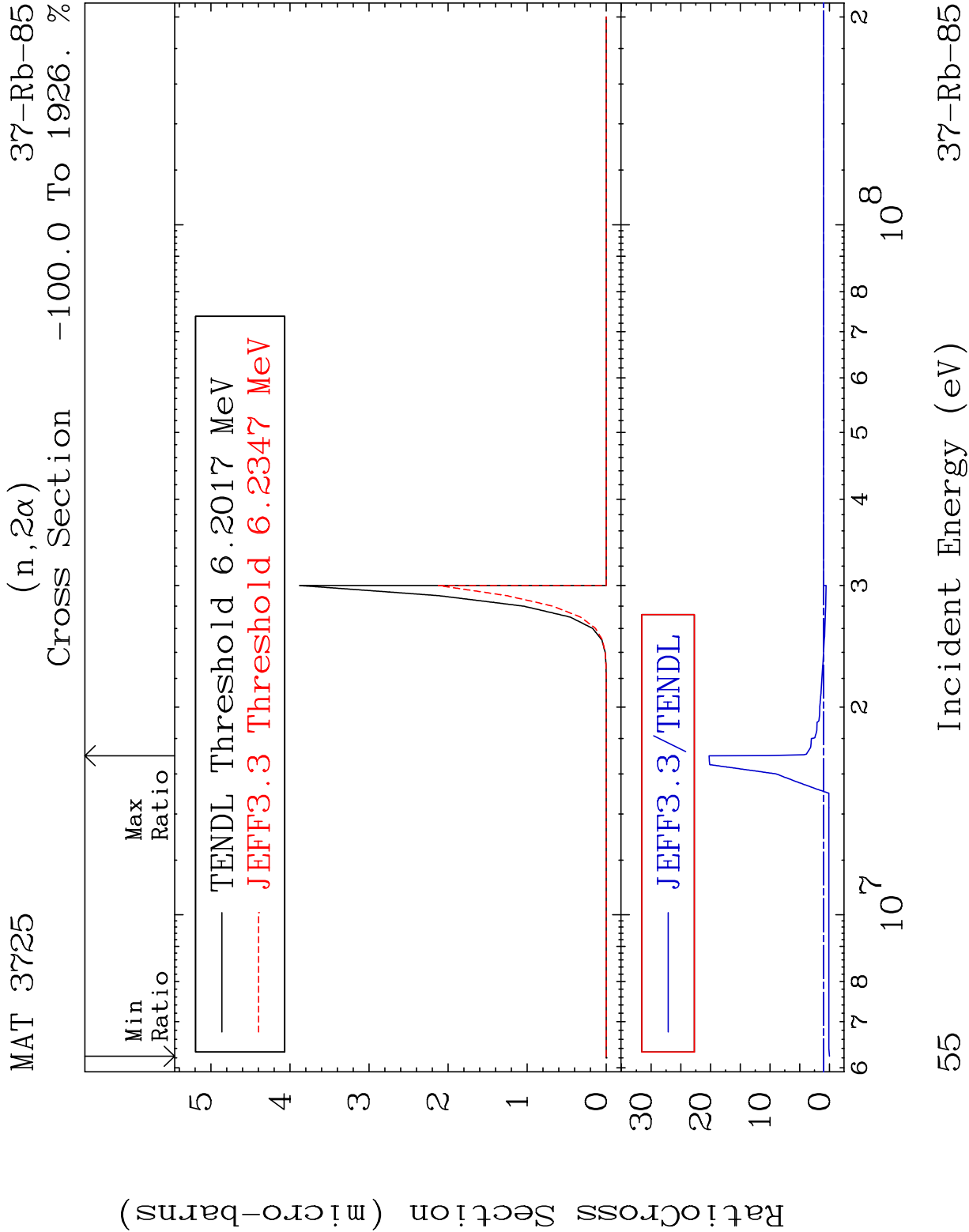
Cross Section -3.204 To 9999. %

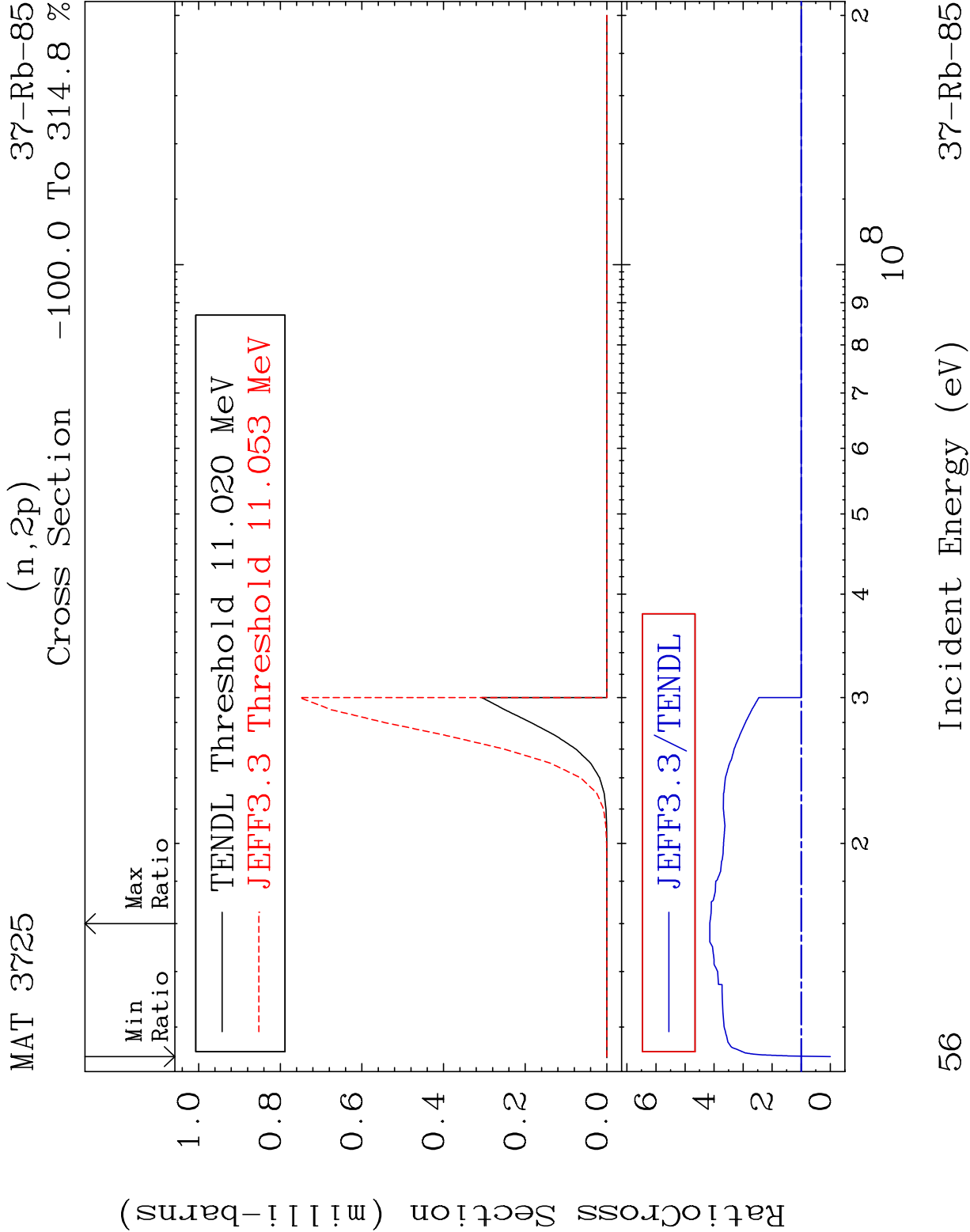


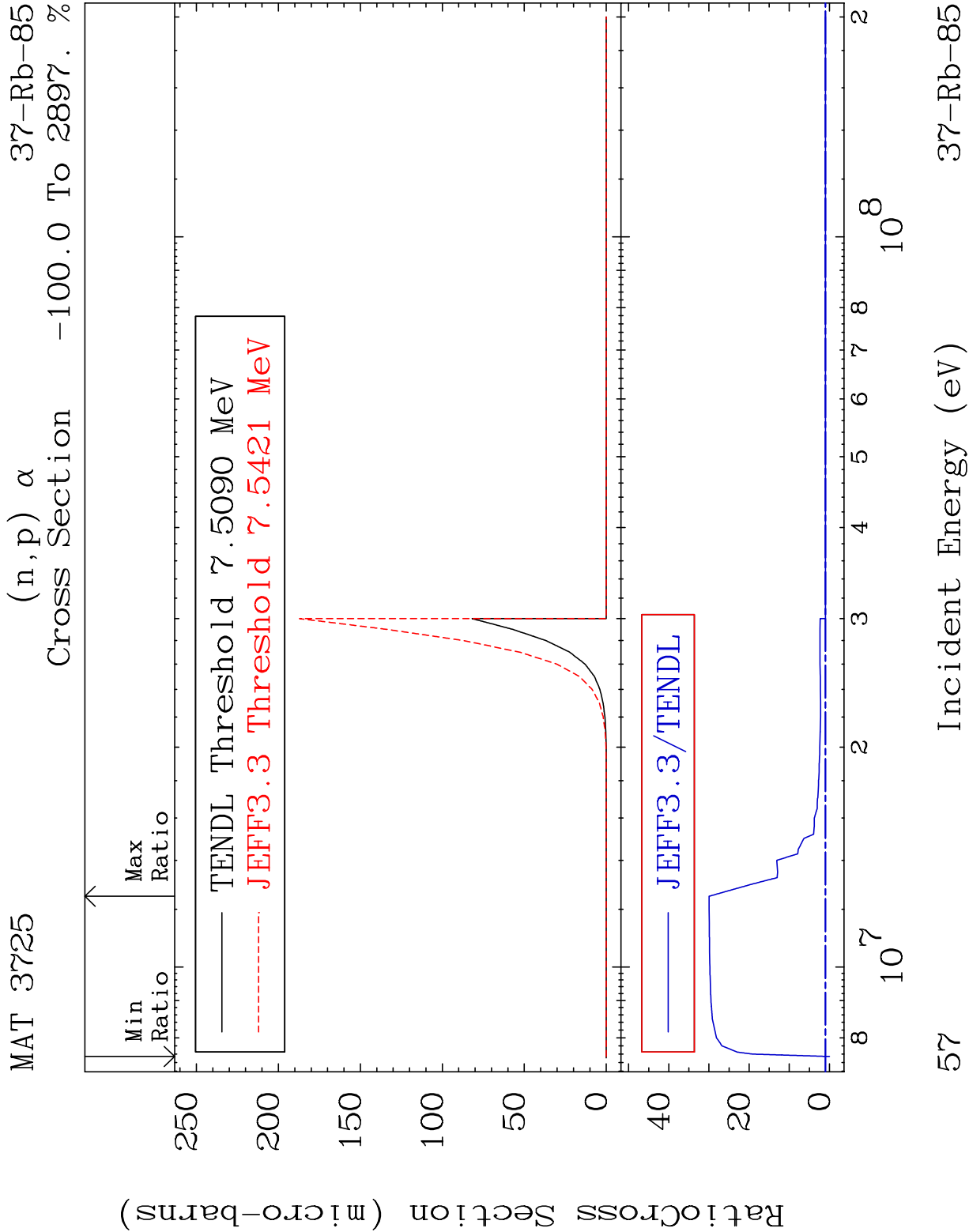
54

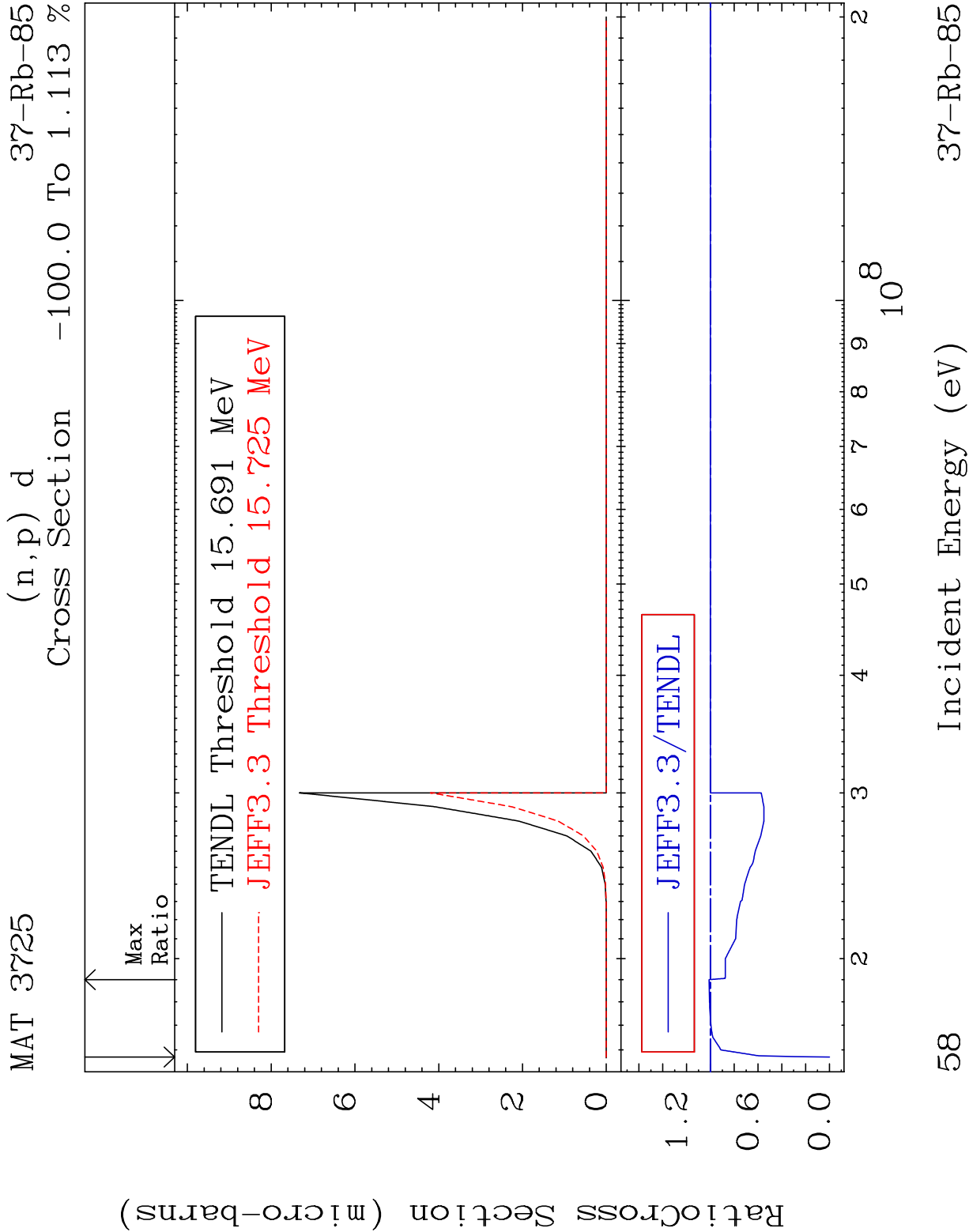
Incident Energy (eV)

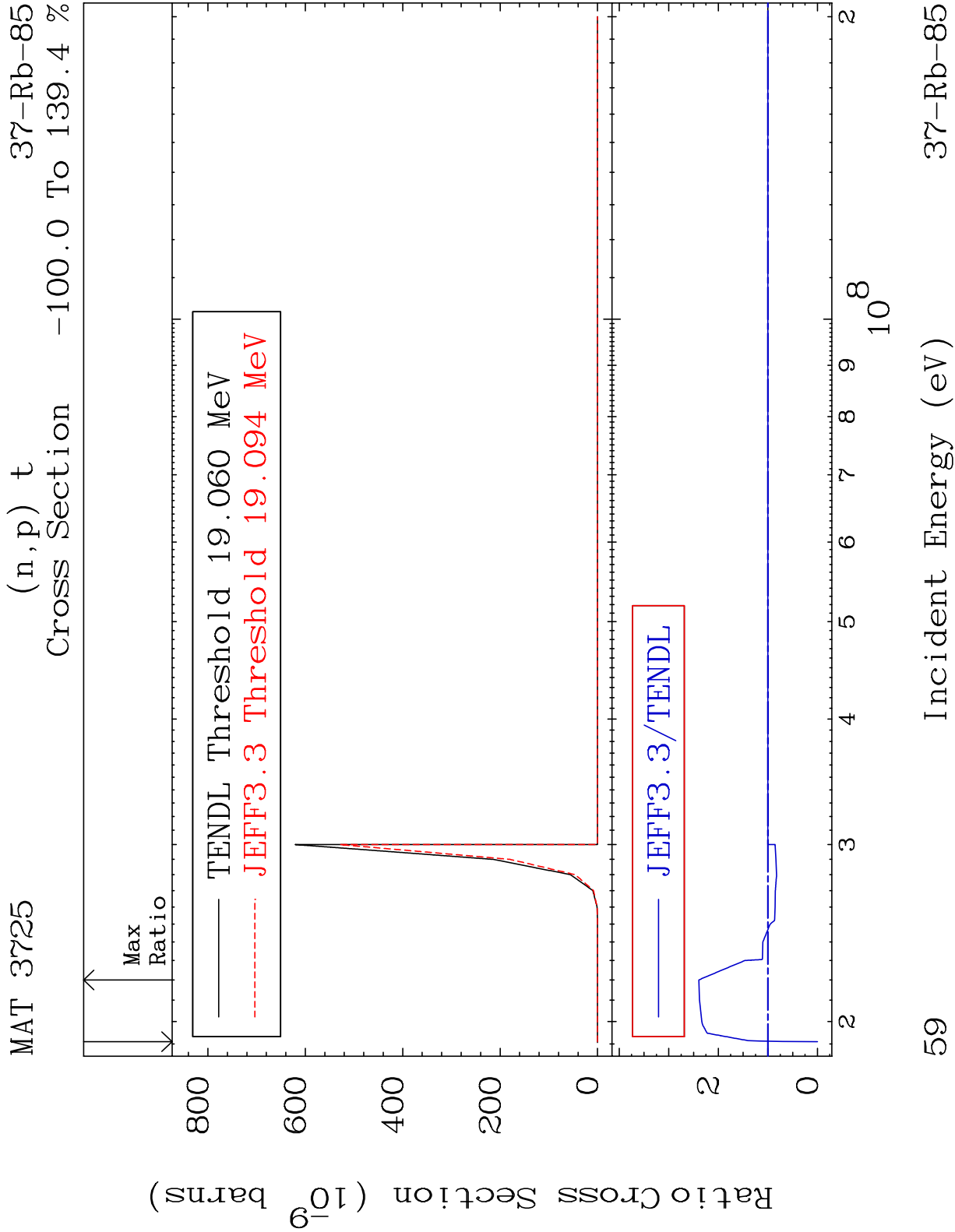
37-Rb-85

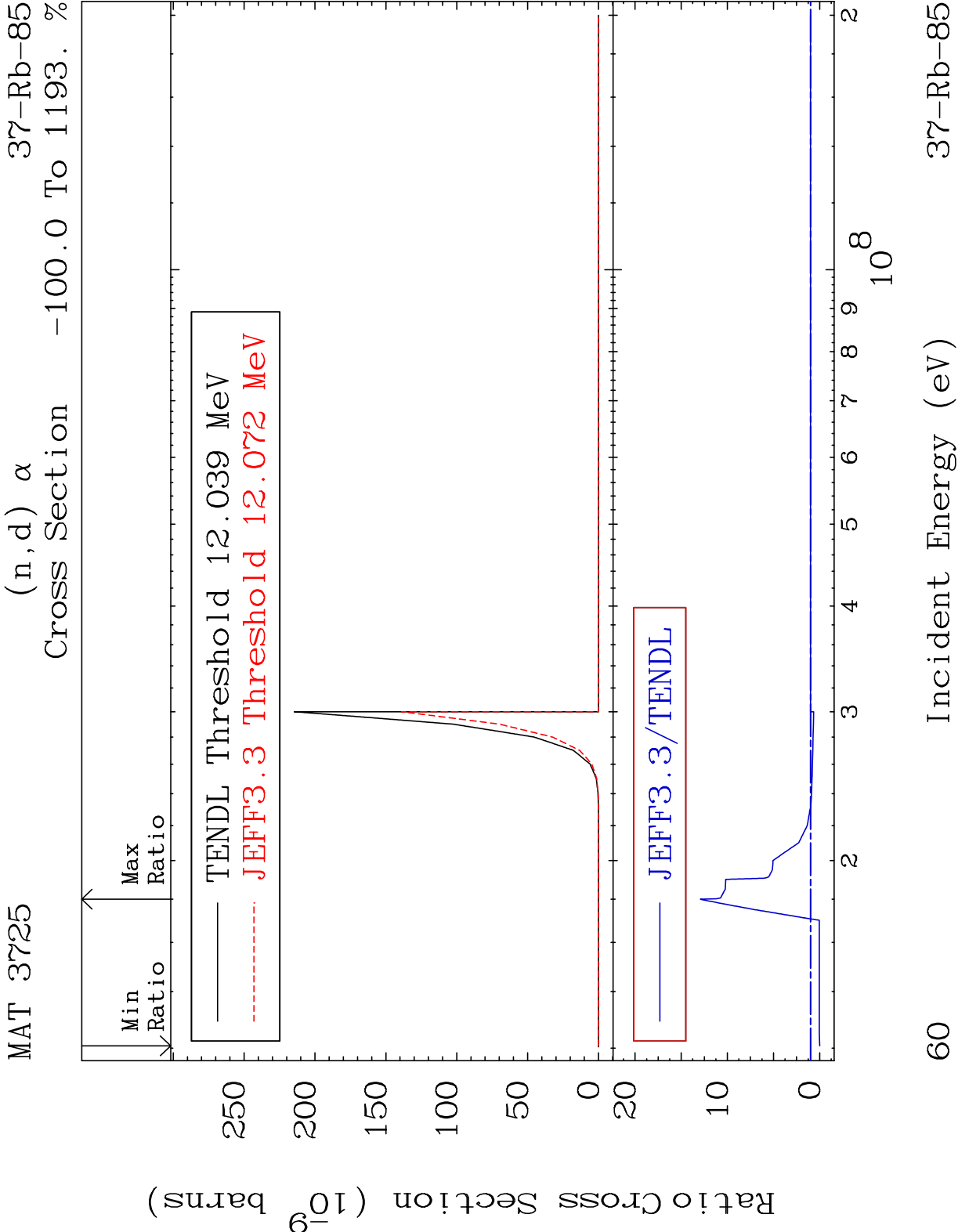


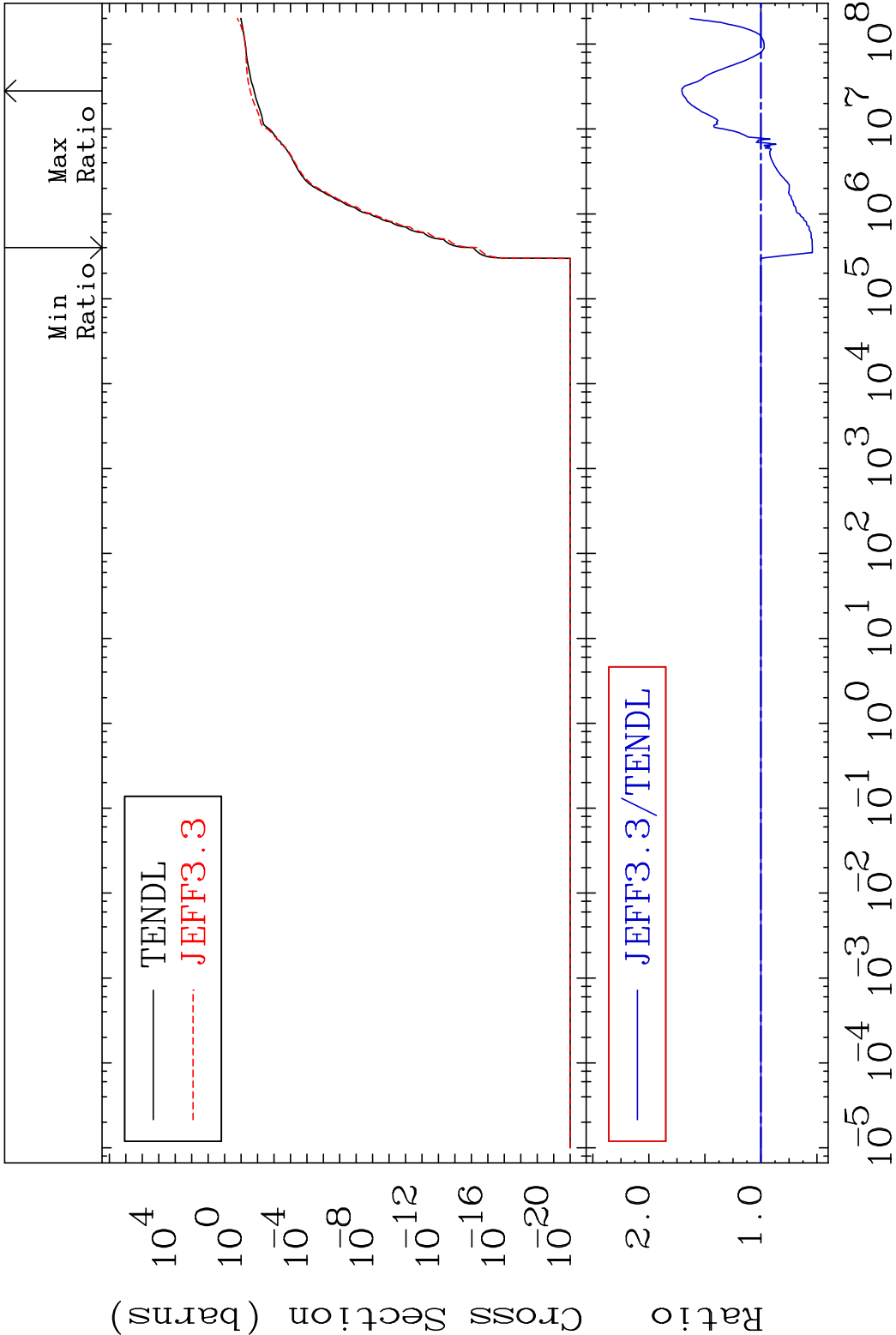












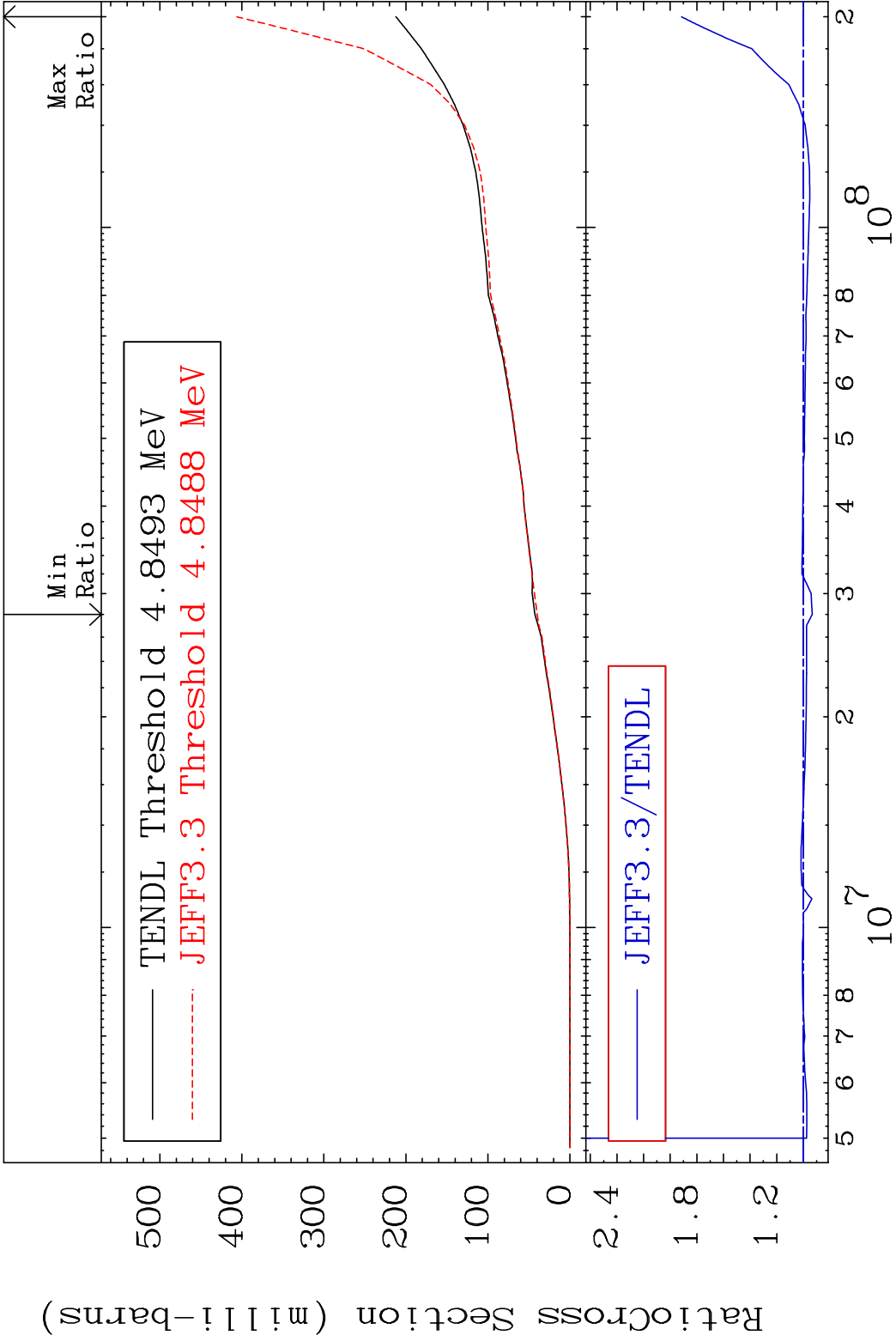
MAT 3725

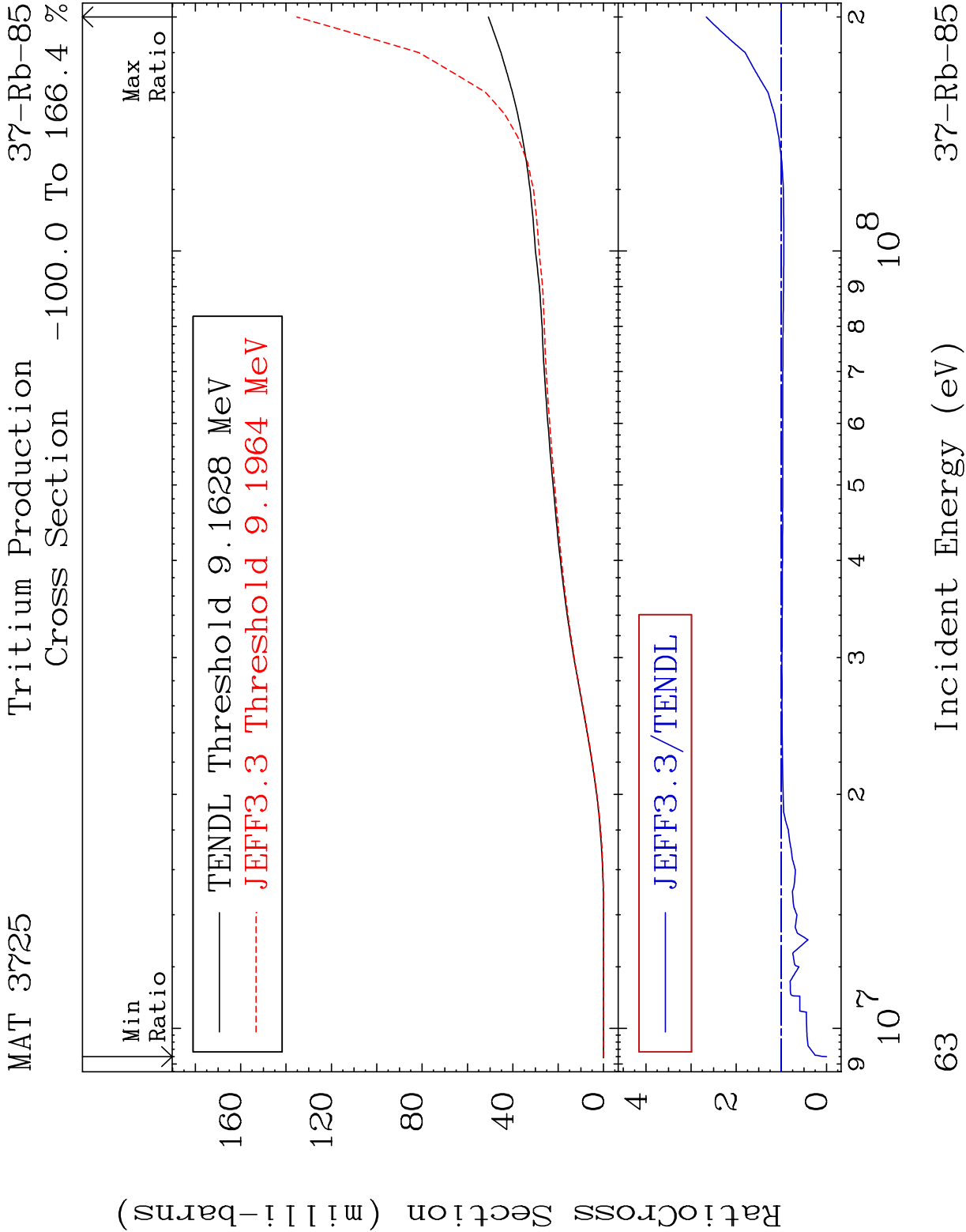
Deuterium Production

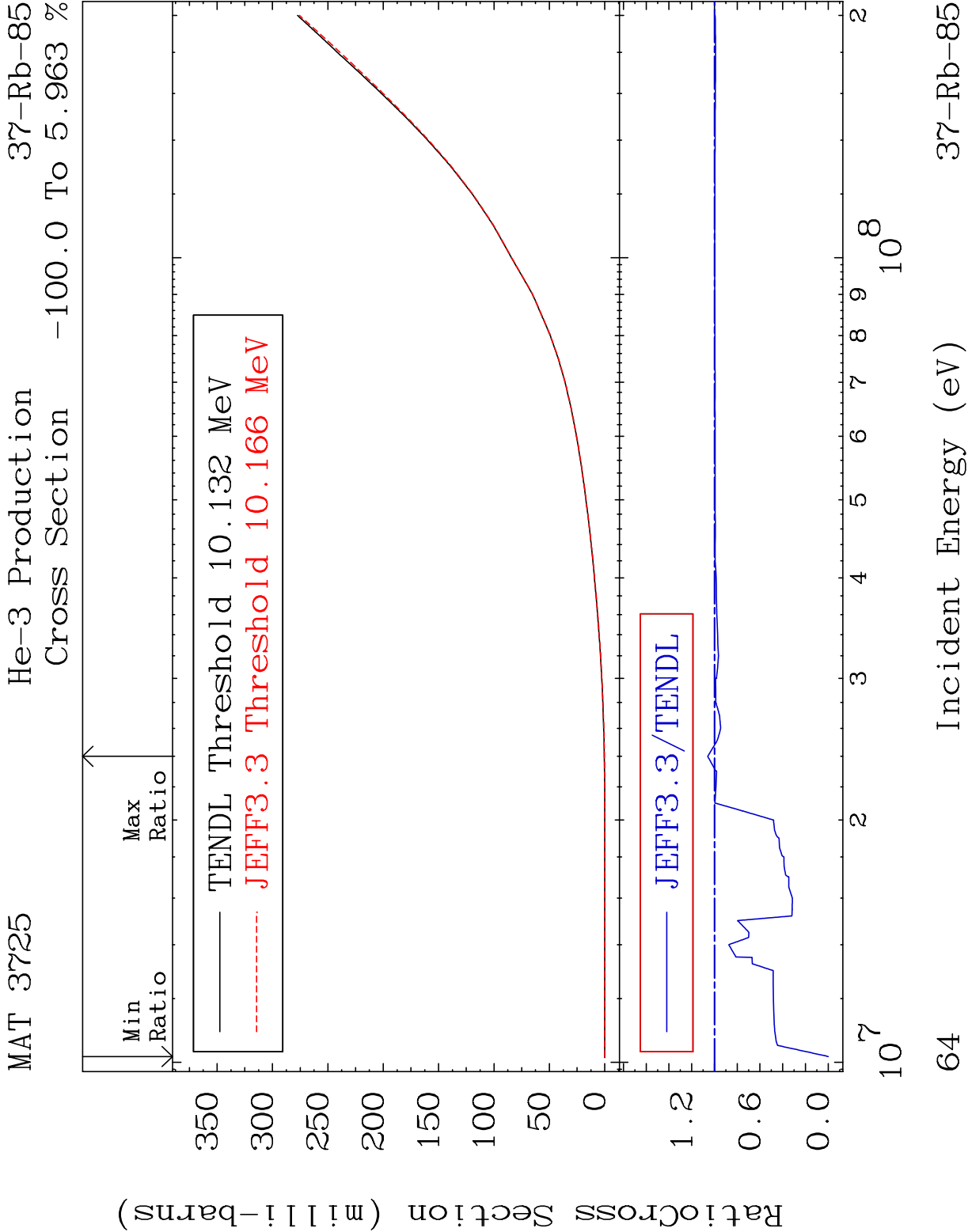
37-Rb-85

Cross Section

-6.698 To 91.49 %





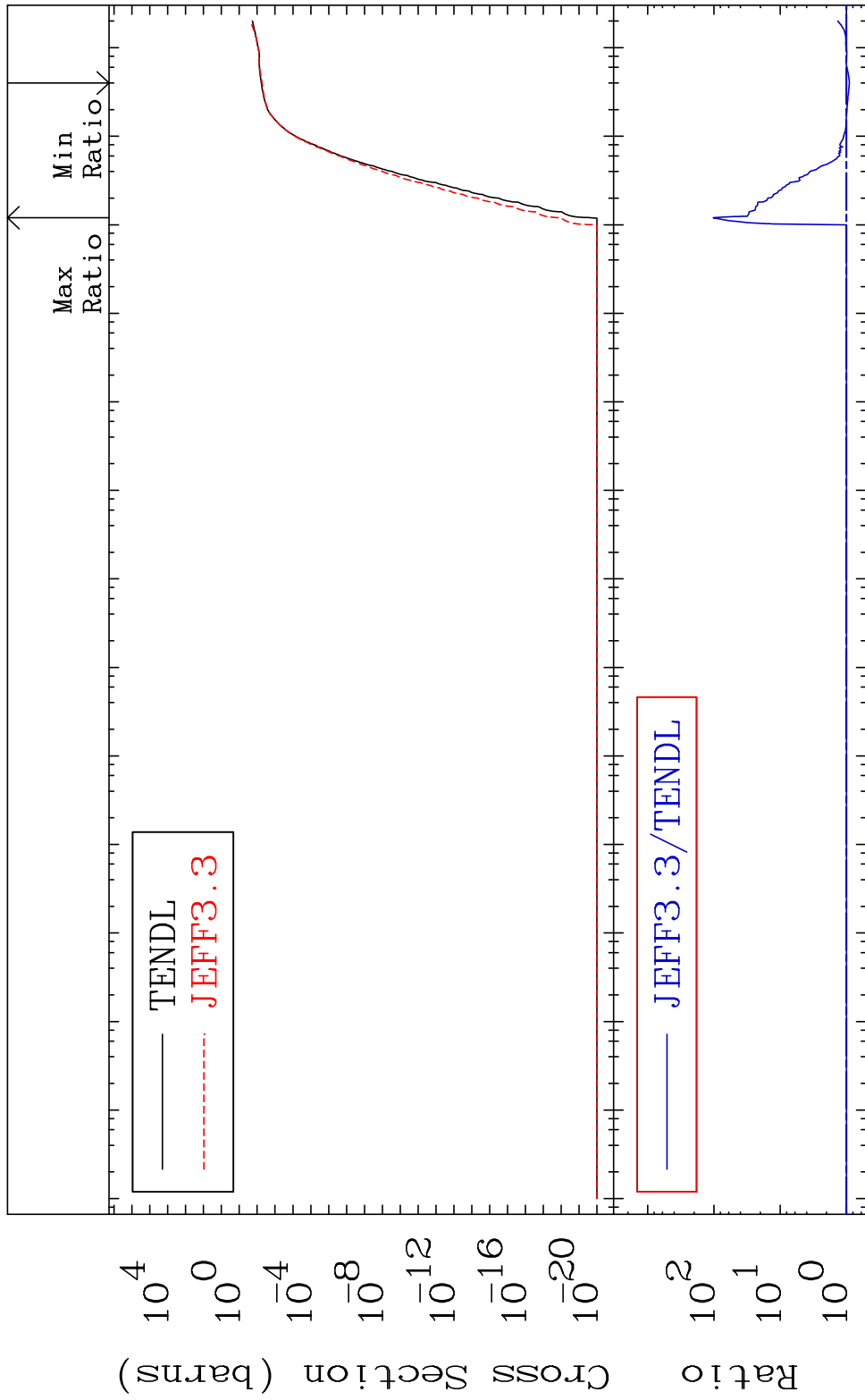
6437-Rb-85

MAT 3725

He-4 Production

37-Rb-85

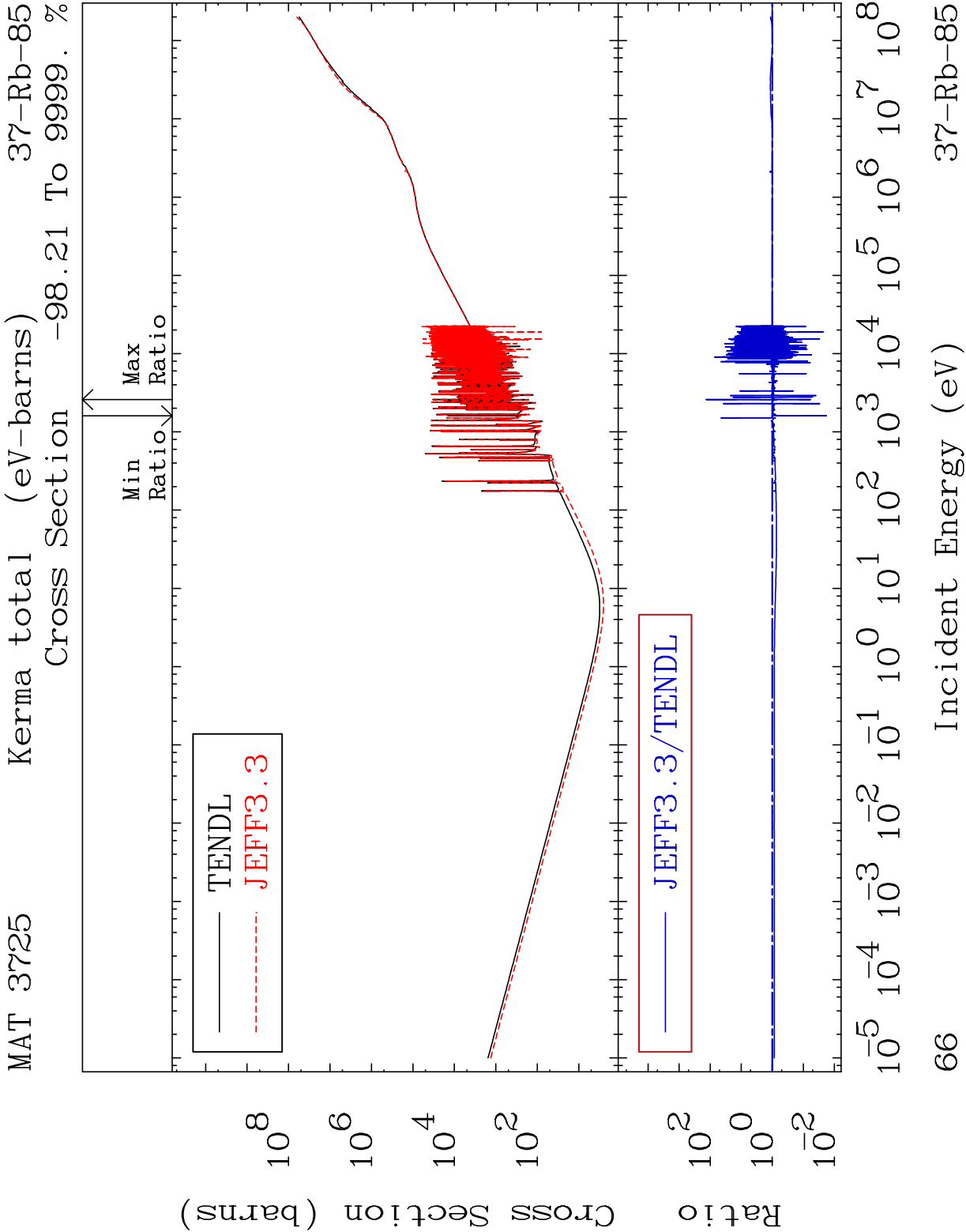
Cross Section -9.205 To 9999. %



65

Incident Energy (eV)

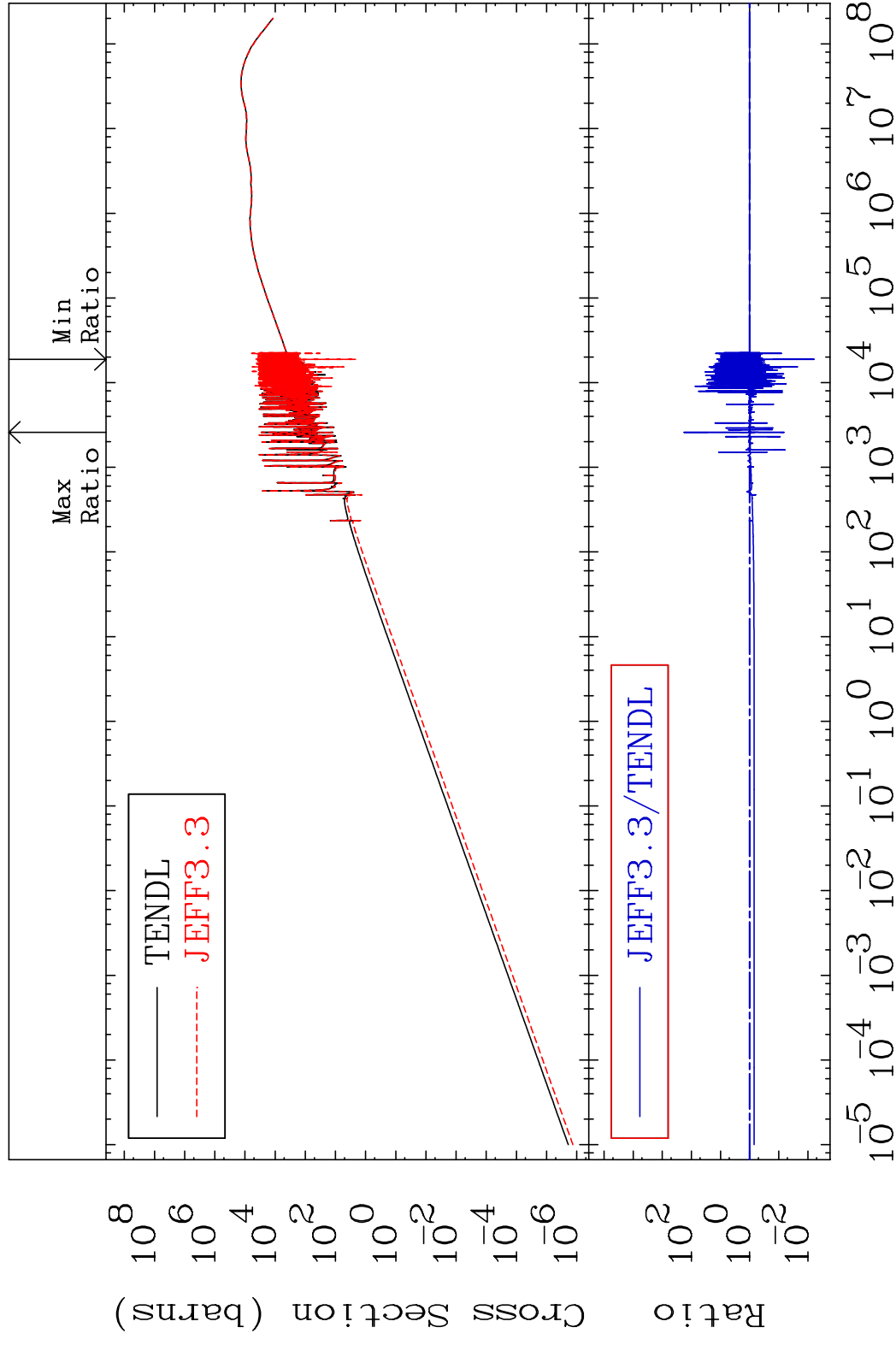
37-Rb-85



MAT 3725

Kerma elastic Cross Section

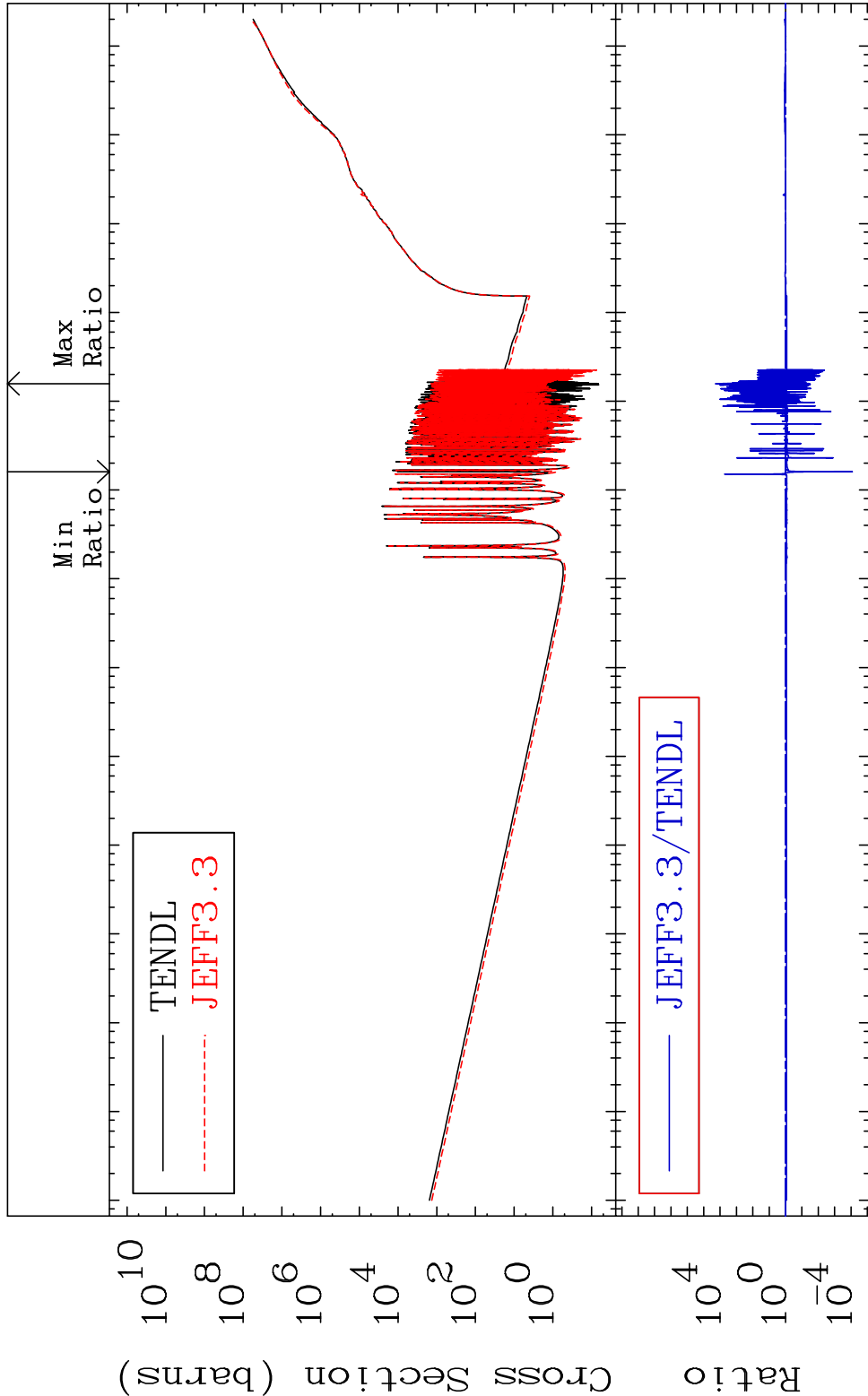
37-Rb-85
-99.40 To 9999. %

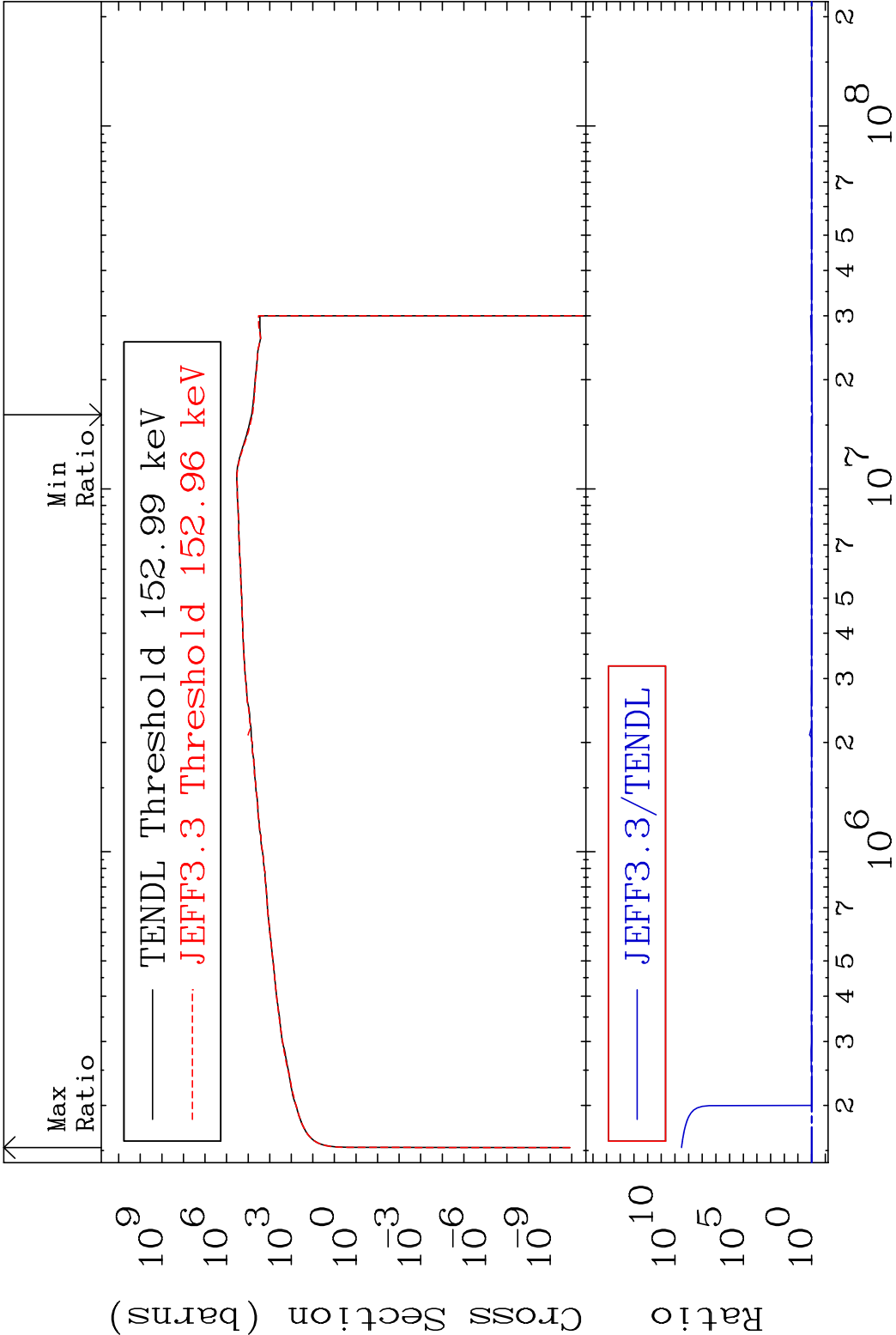


26

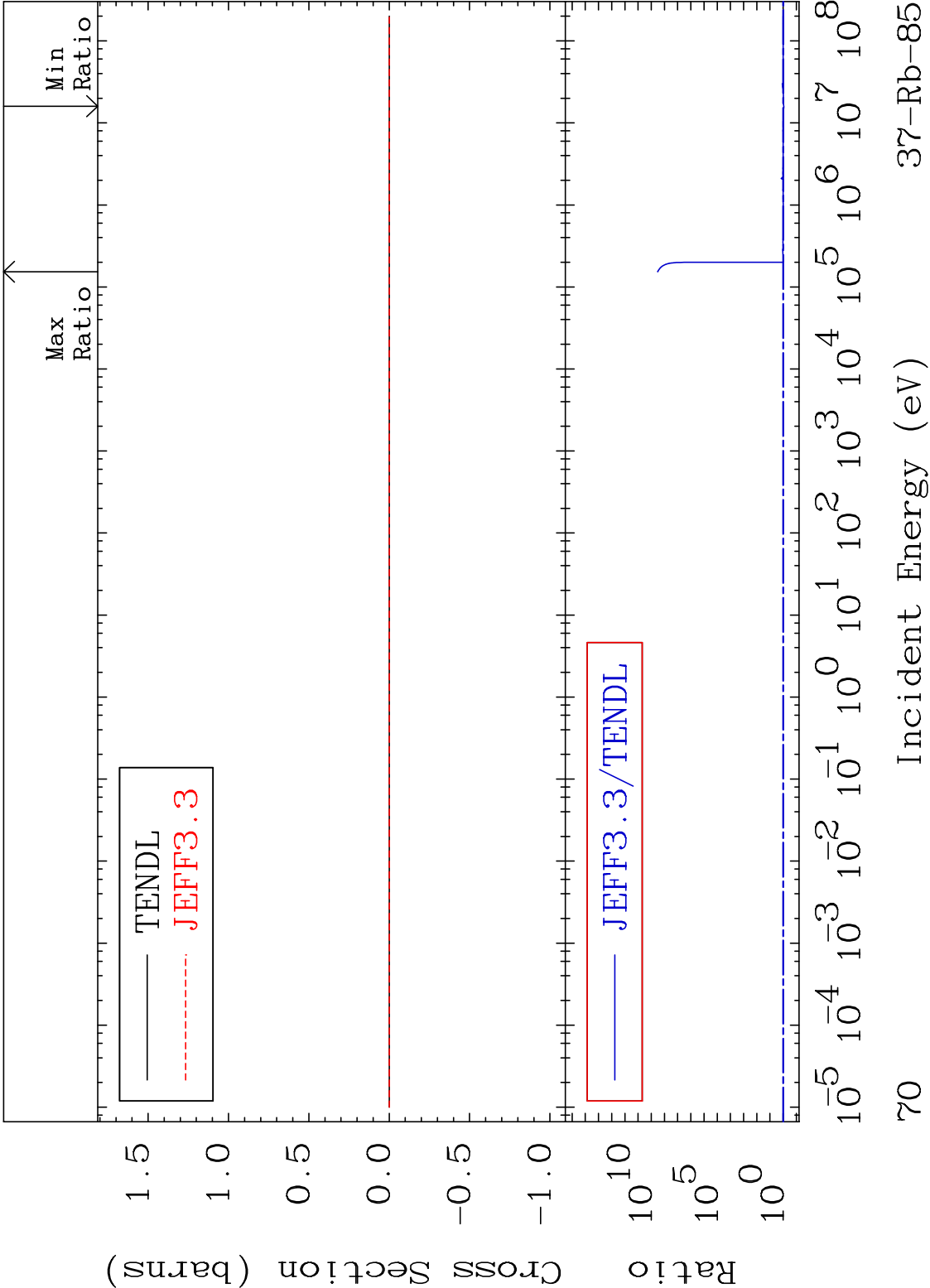
Incident Energy (eV)

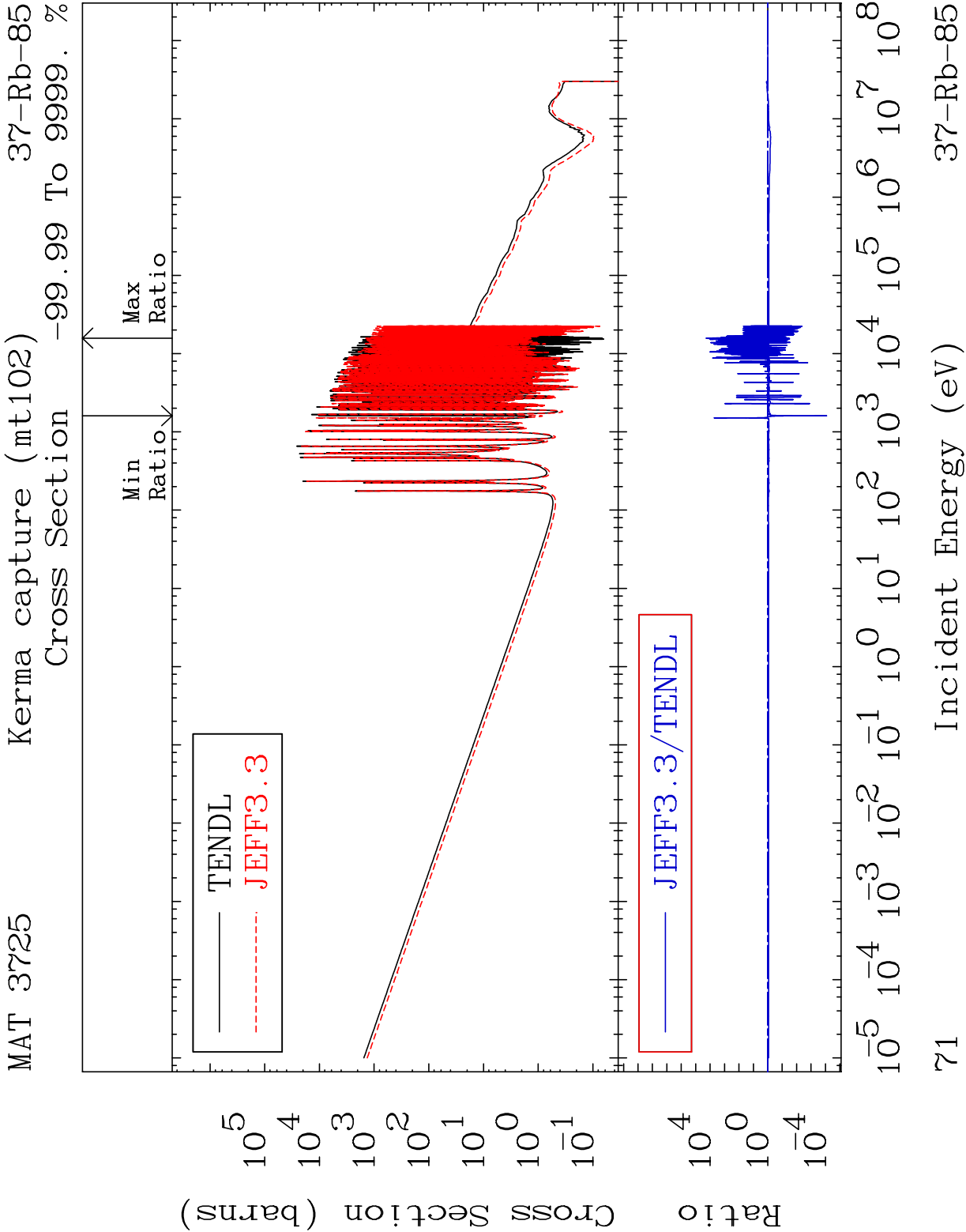
37-Rb-85

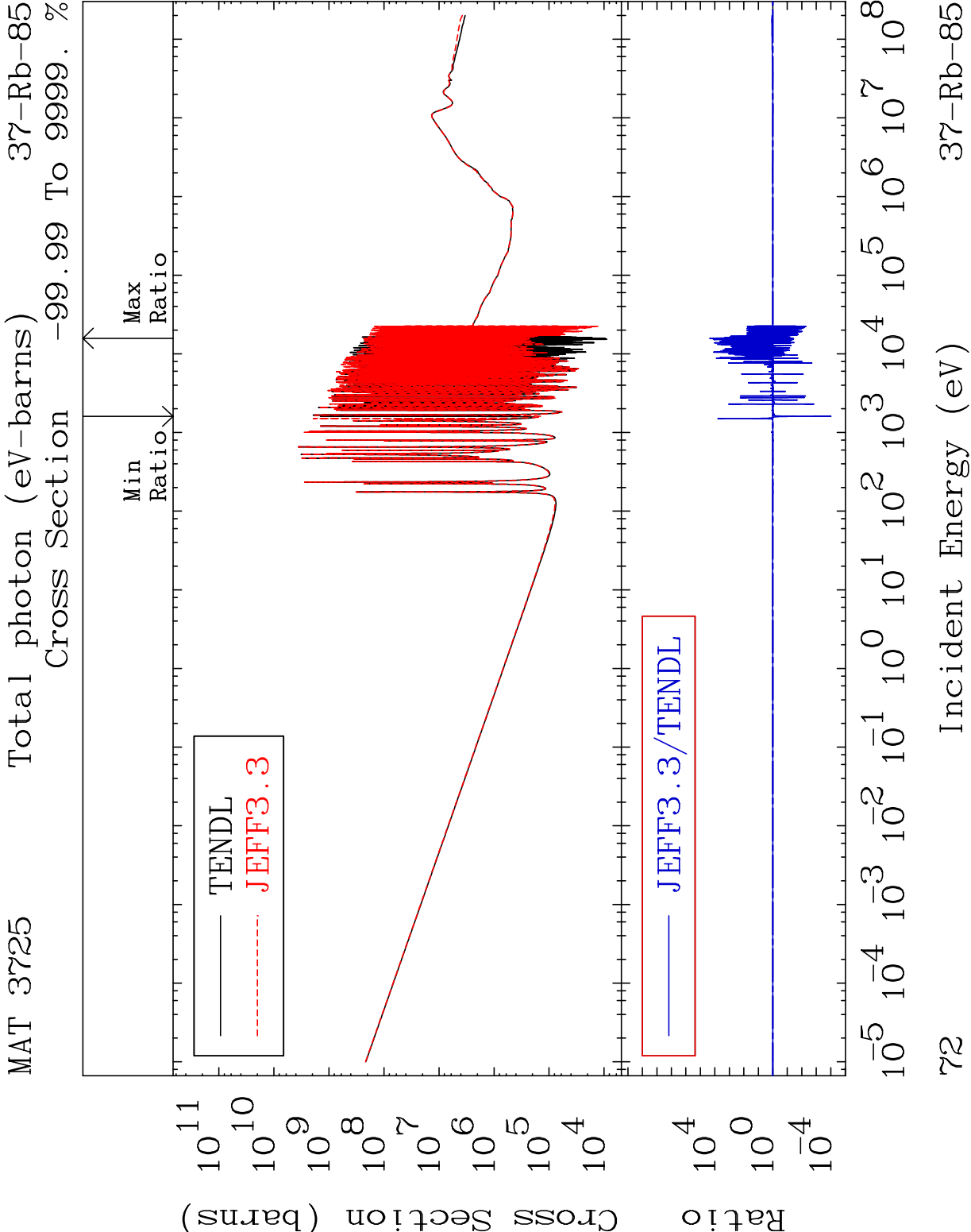




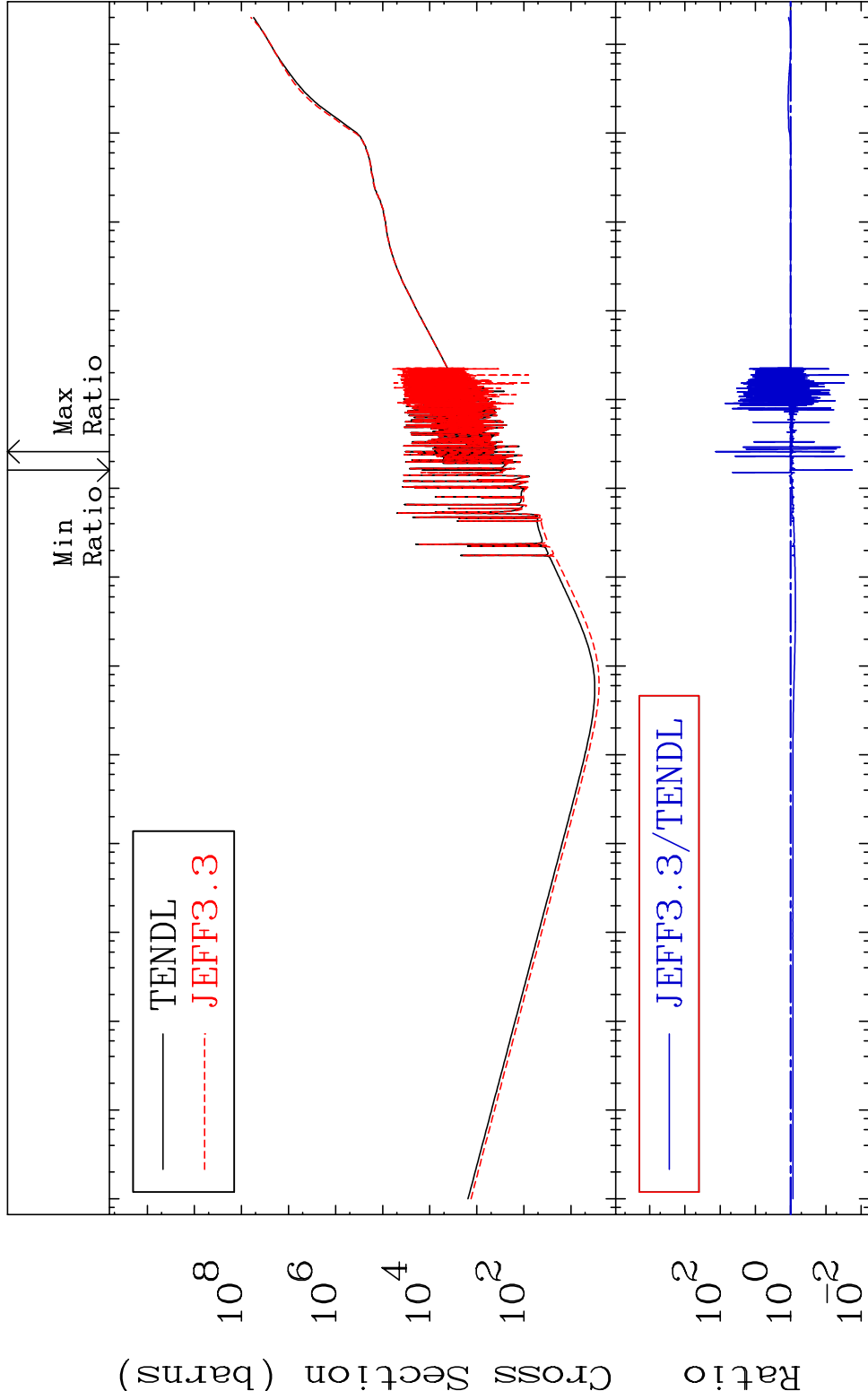
MAT 3725 Kerma fission (mt18 or mt19-20-21-38) 37-Rb-85
Cross Section -9.722 To 9999. %



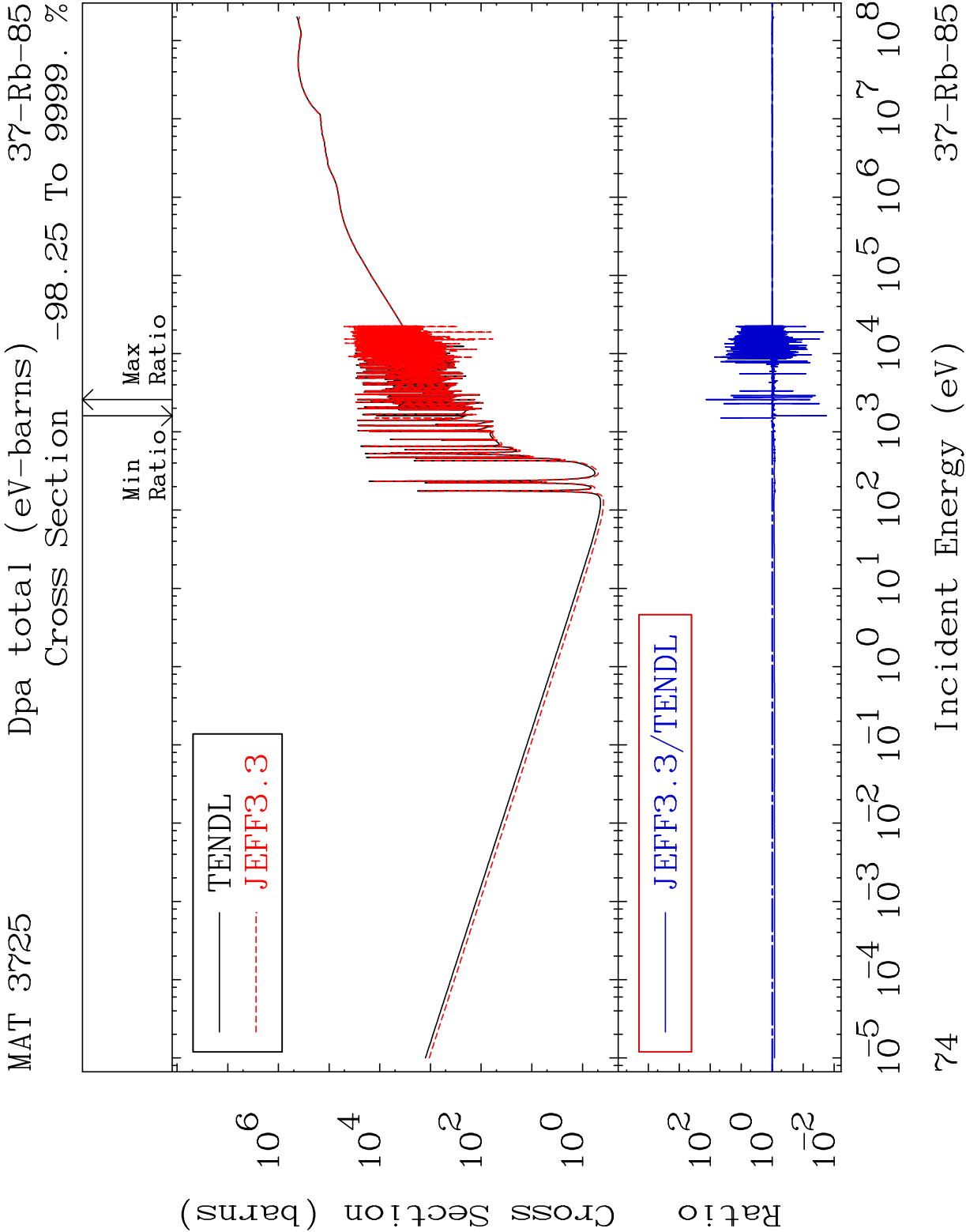




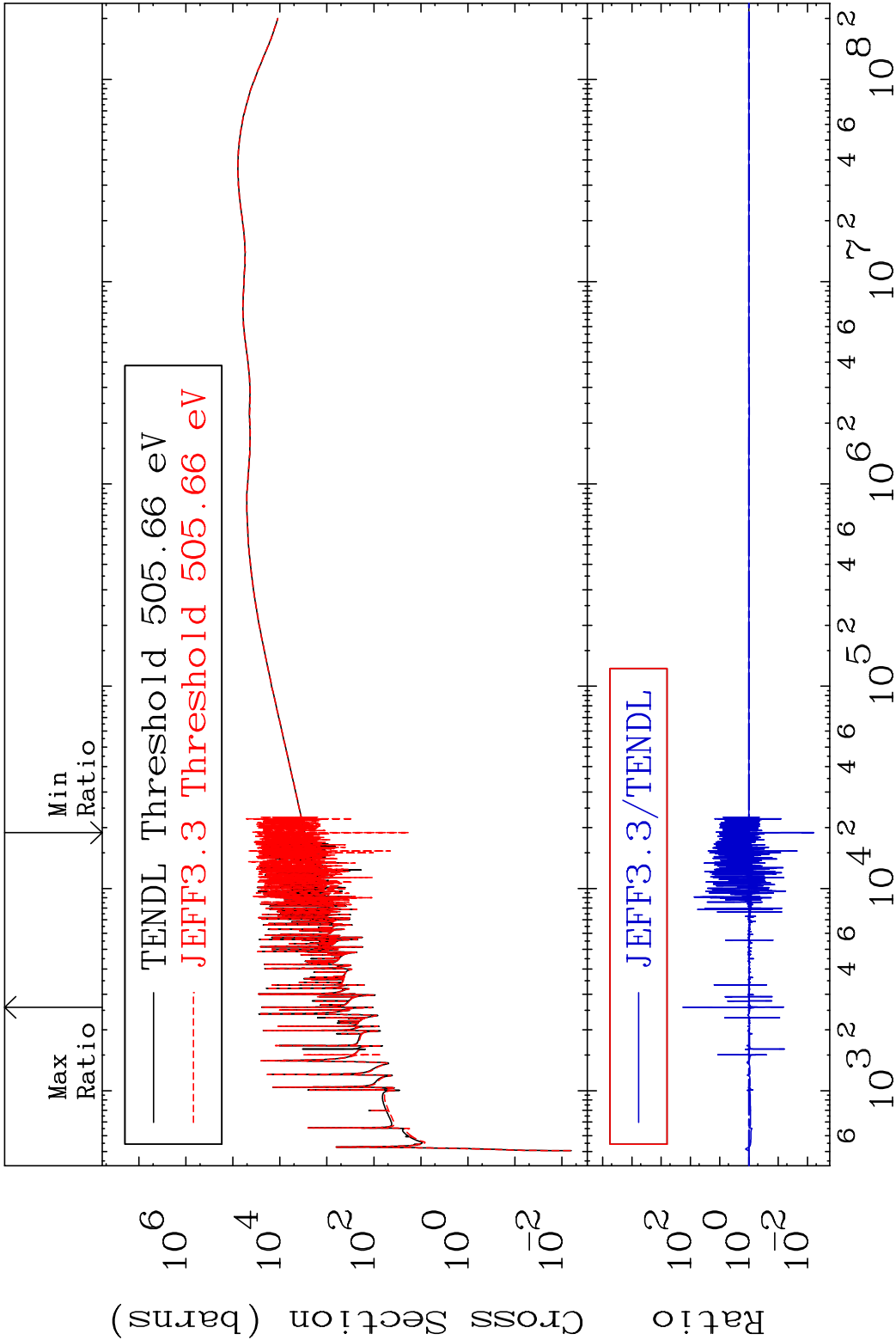
MAT 3725 Total kinematic kerma (high limit) 37-Rb-85
Cross Section -98.21 To 9999. %

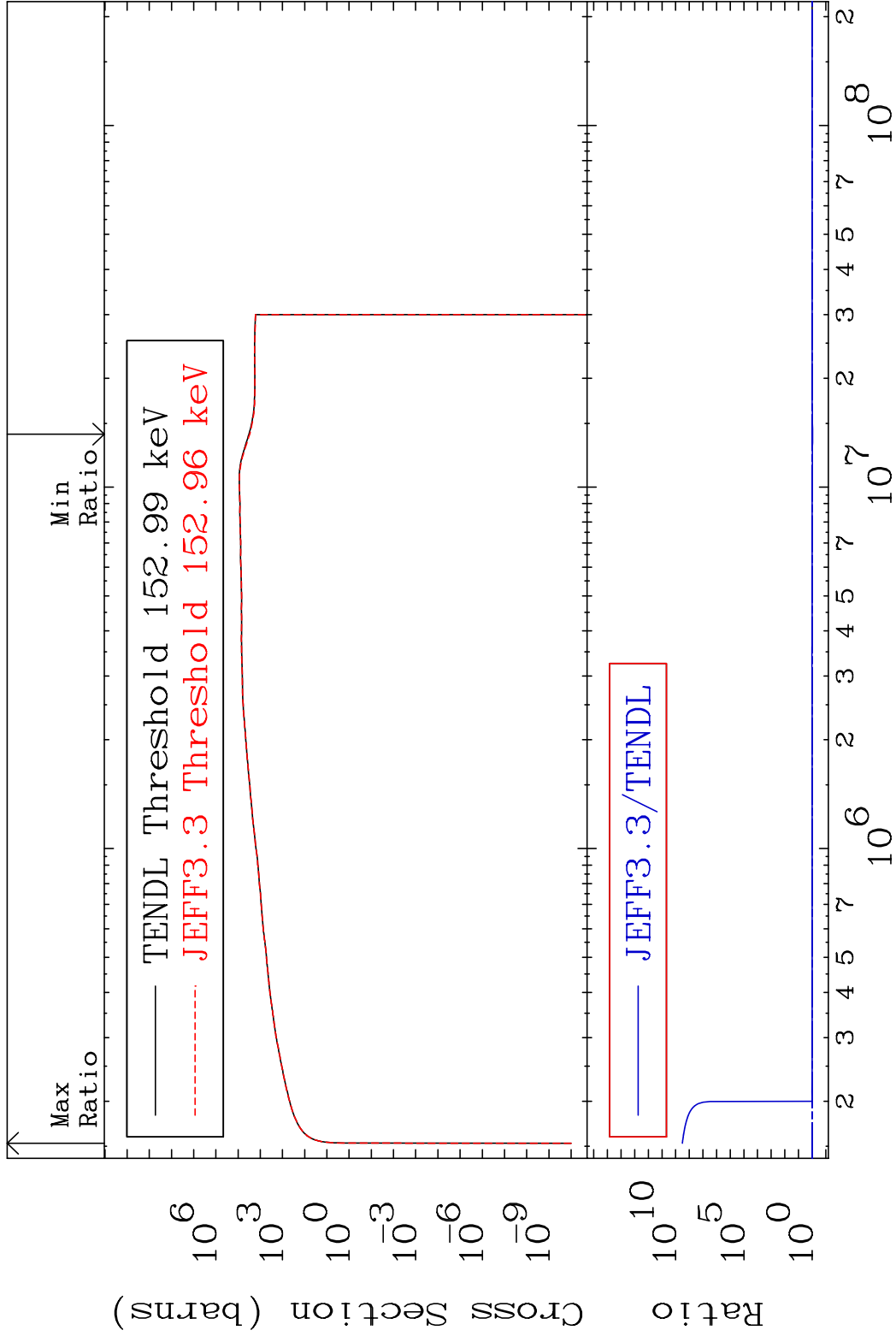


73 Incident Energy (eV) 37-Rb-85

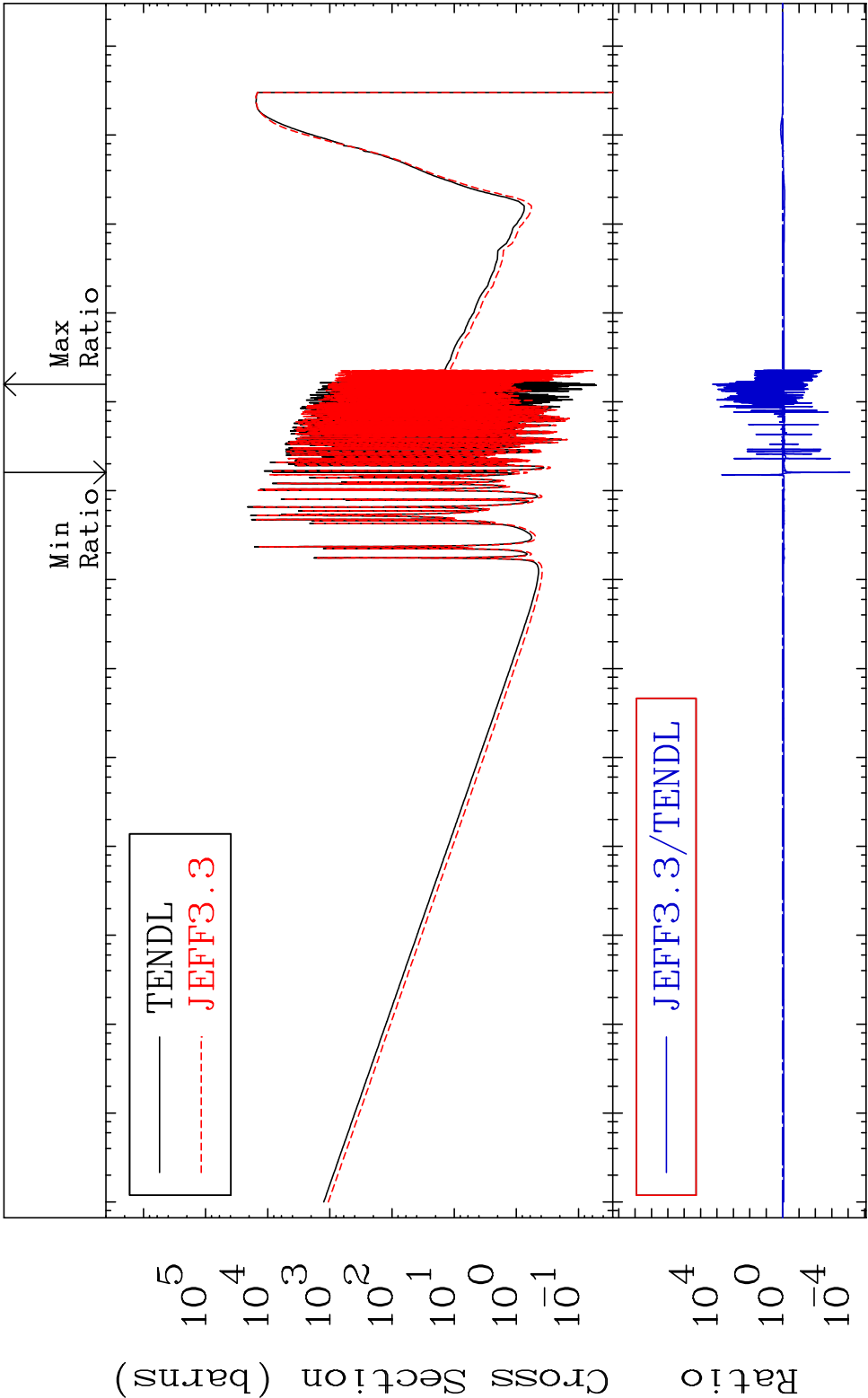


MAT 3725 Dpa elastic (mt2) 37-Rb-85
Cross Section -99.40 To 9999. %

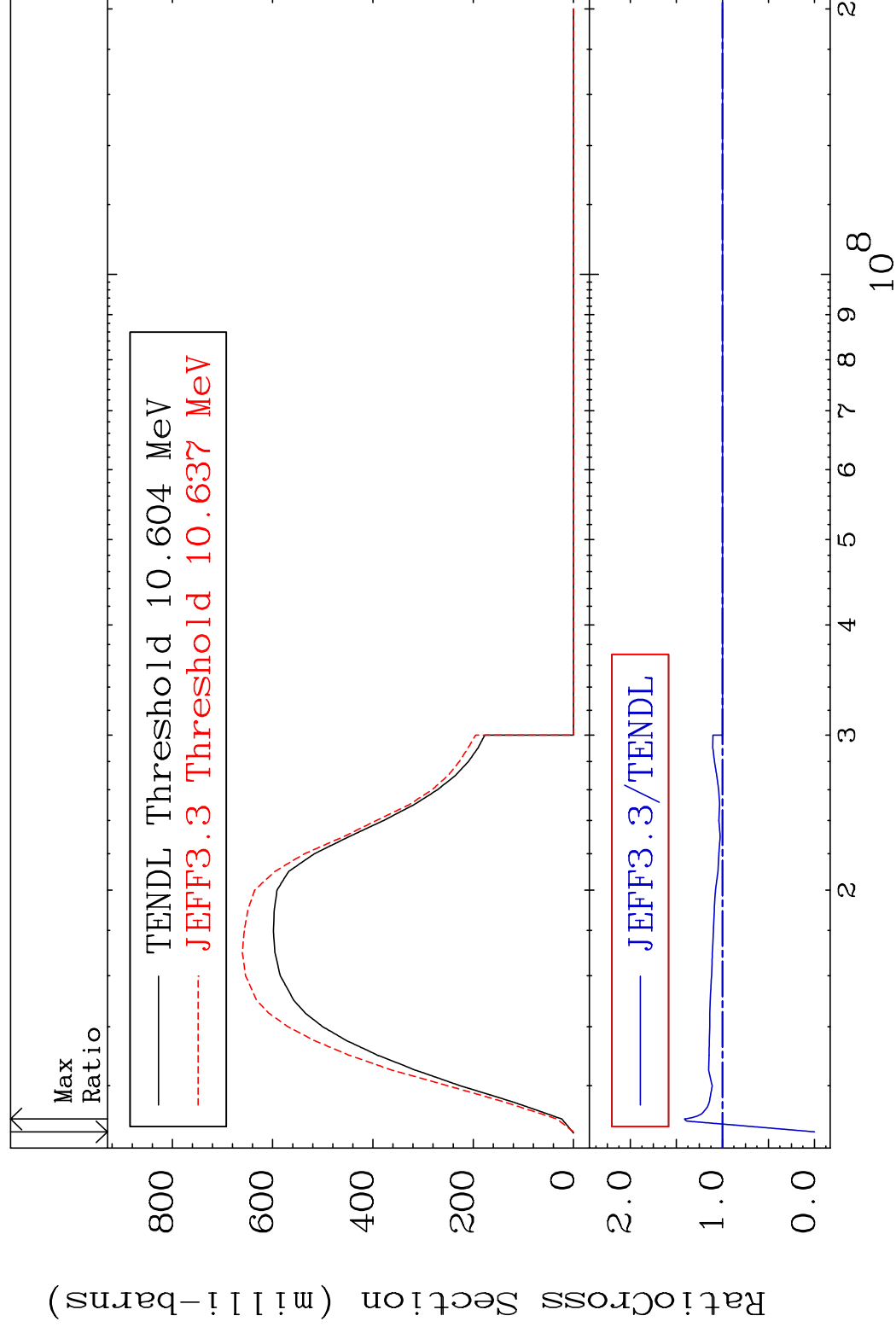




MAT 3725 Dpa disappearance (mt102 -120) 37-Rb-85
Cross Section -99.99 To 9999. %



Radionuclide Production Cross-Section 41.23 %



TENDL Threshold 10.604 MeV

JEF3.3 Threshold 10.637 MeV

JEFF3.3/TENDL

