

Program Complot
(Version 2021-1)

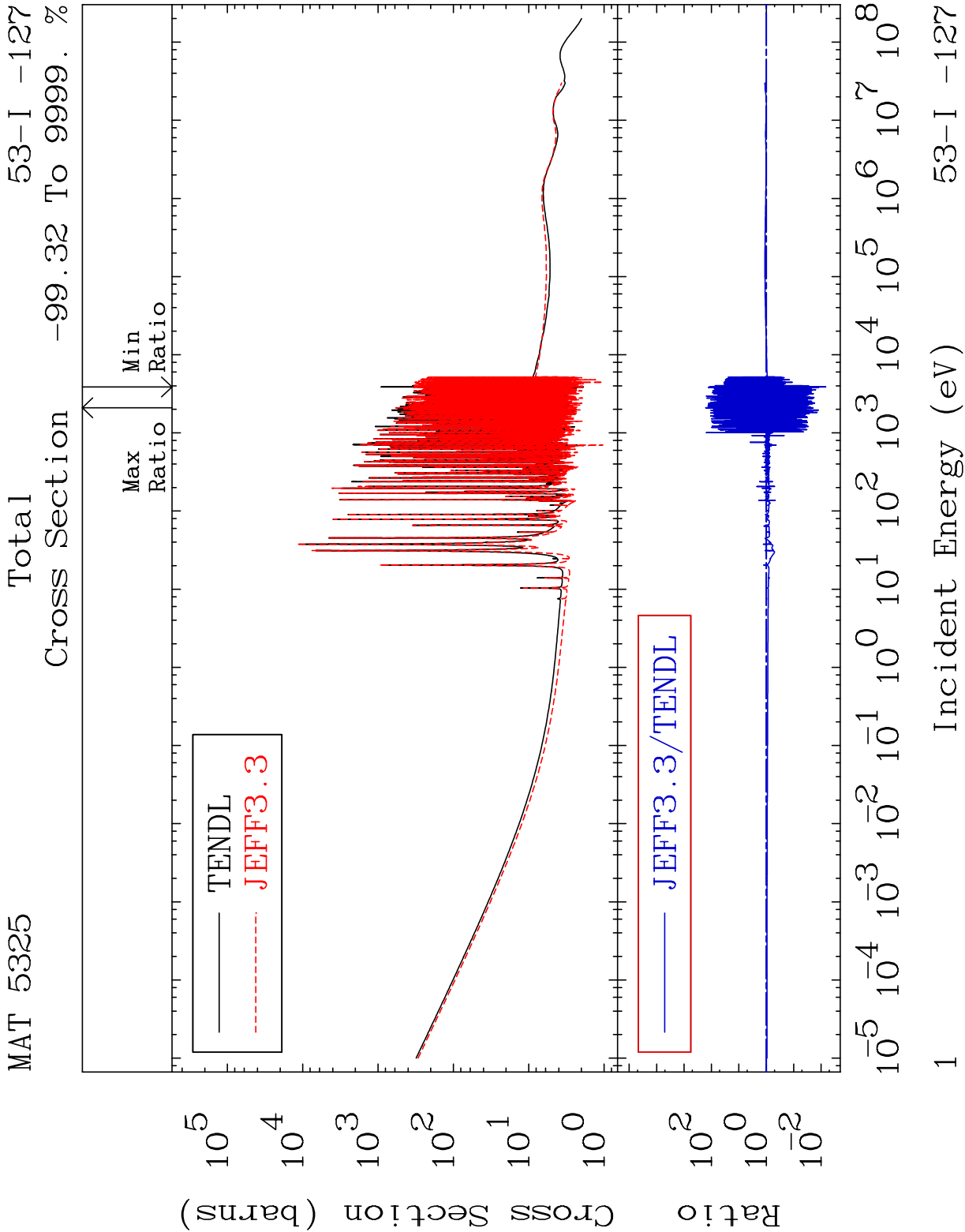
by

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Press Mouse Button to Start

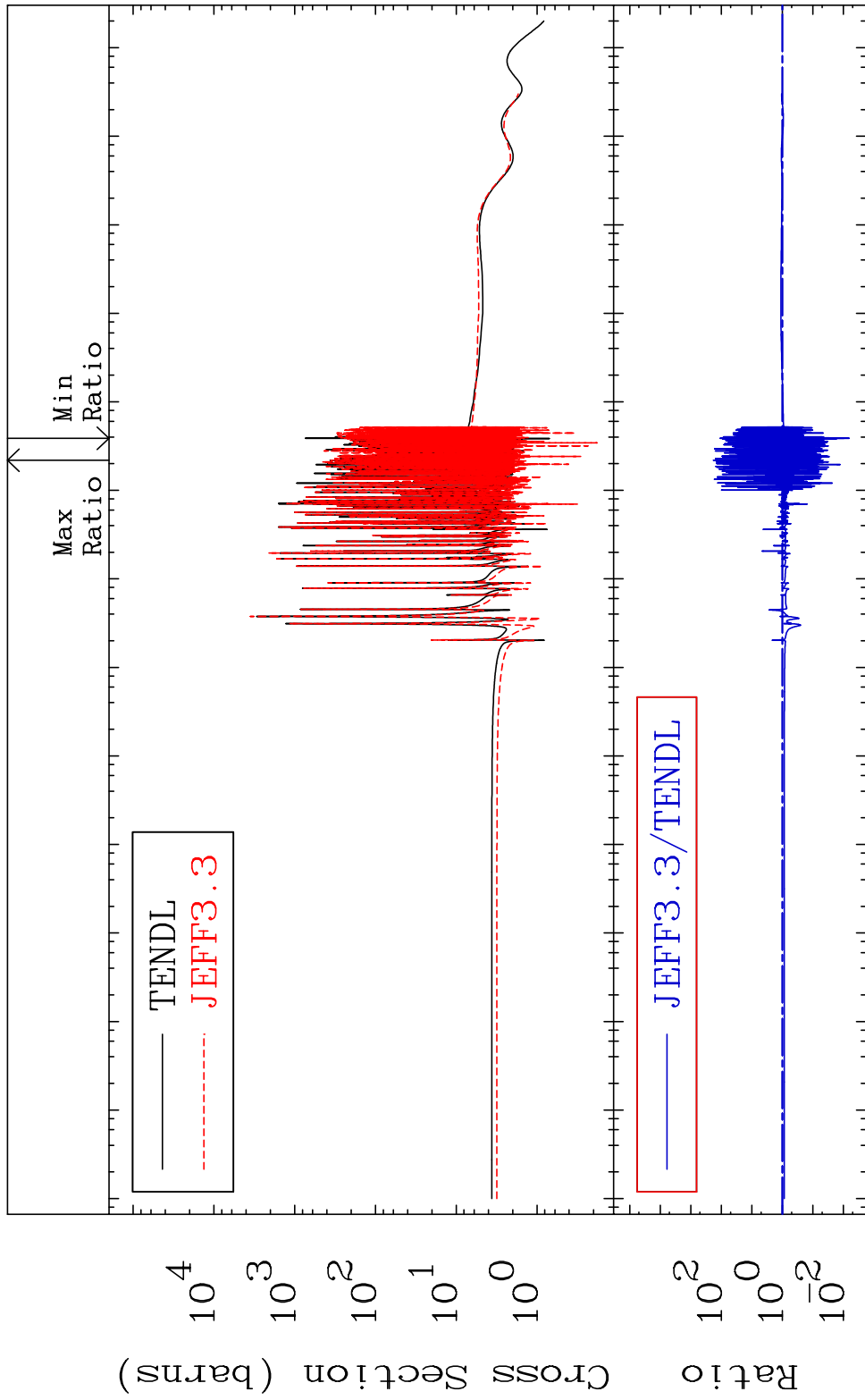


MAT 5325

Elastic

53-I -127

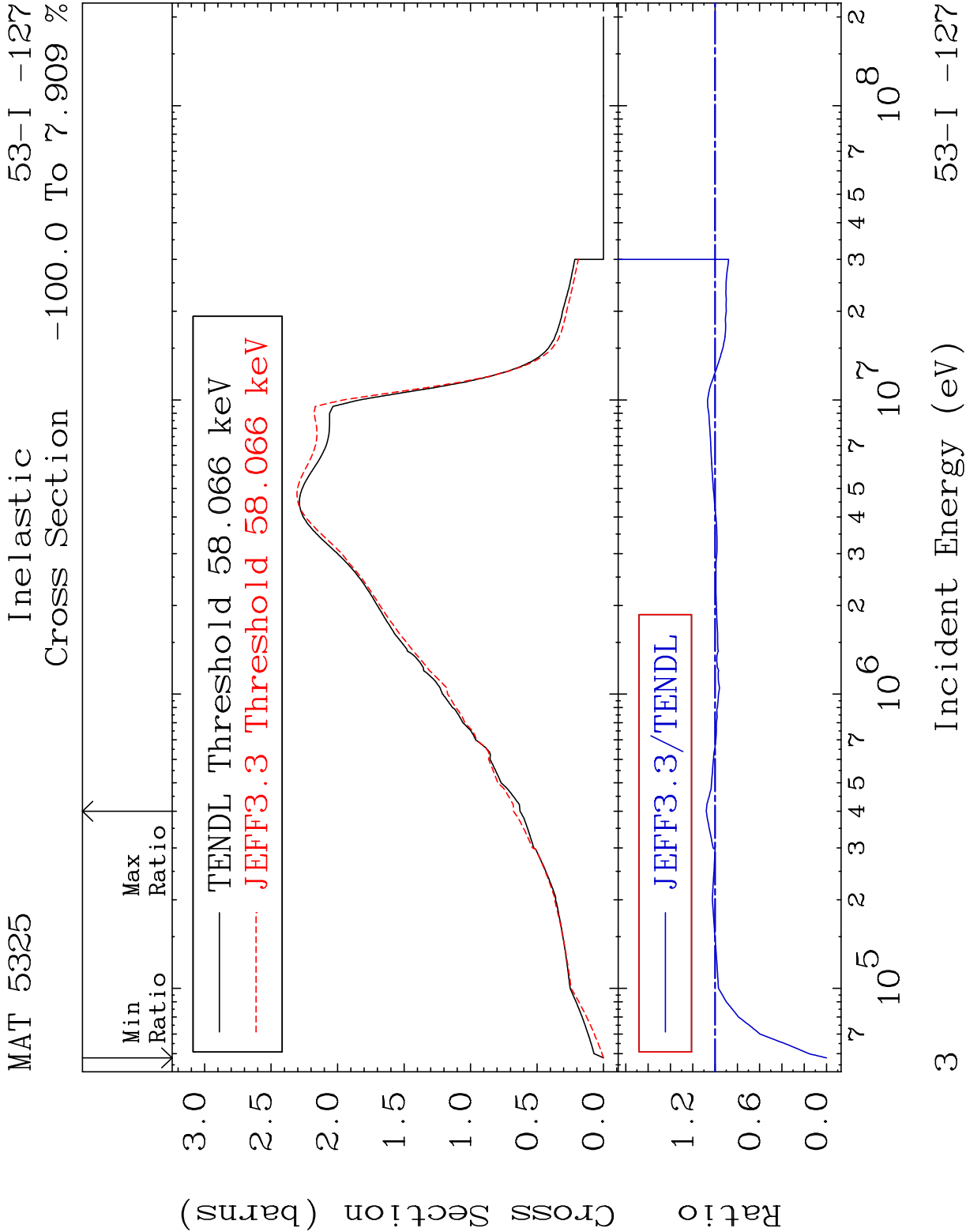
Cross Section -99.36 To 9999. %

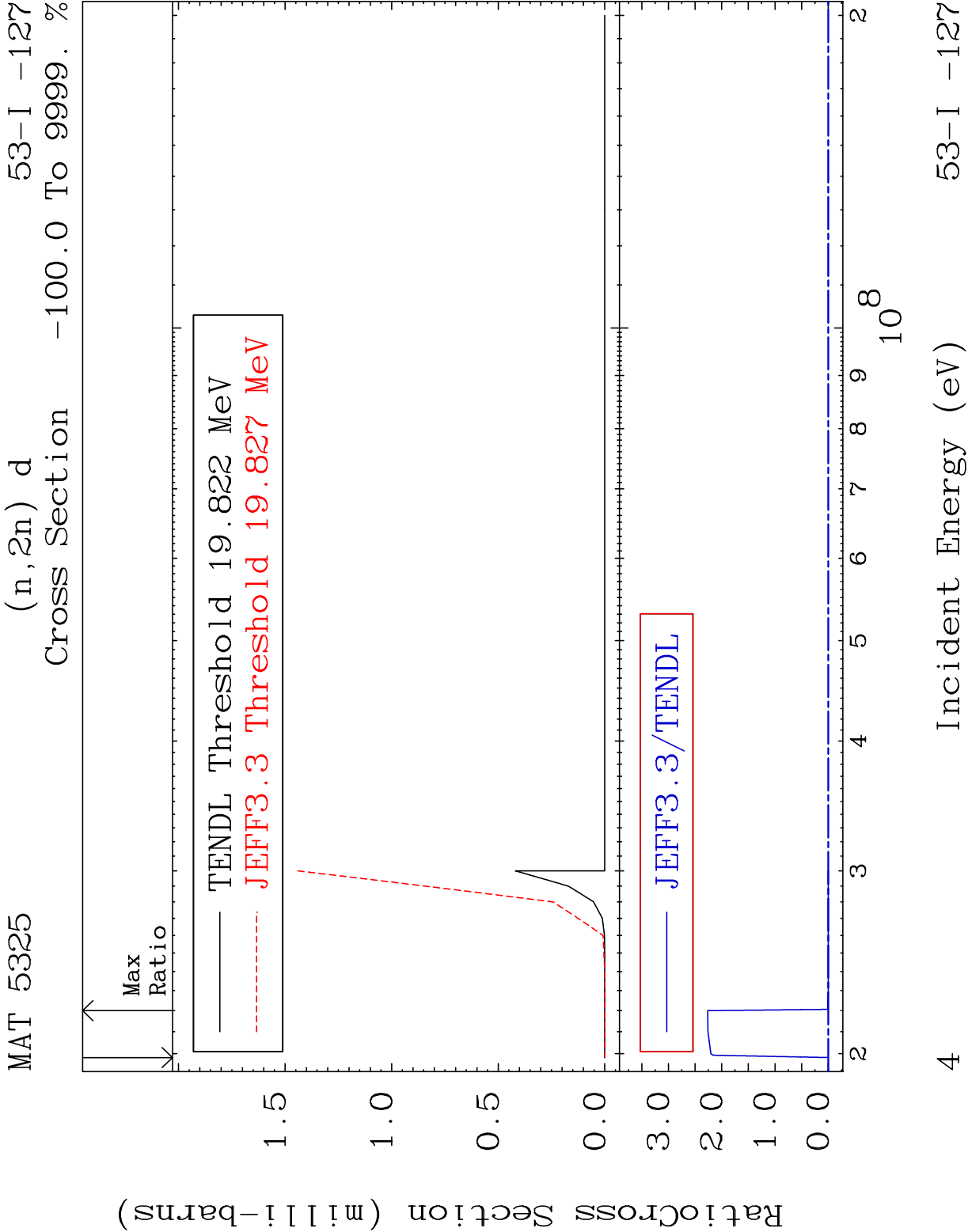


2

Incident Energy (eV)

53-I -127





4

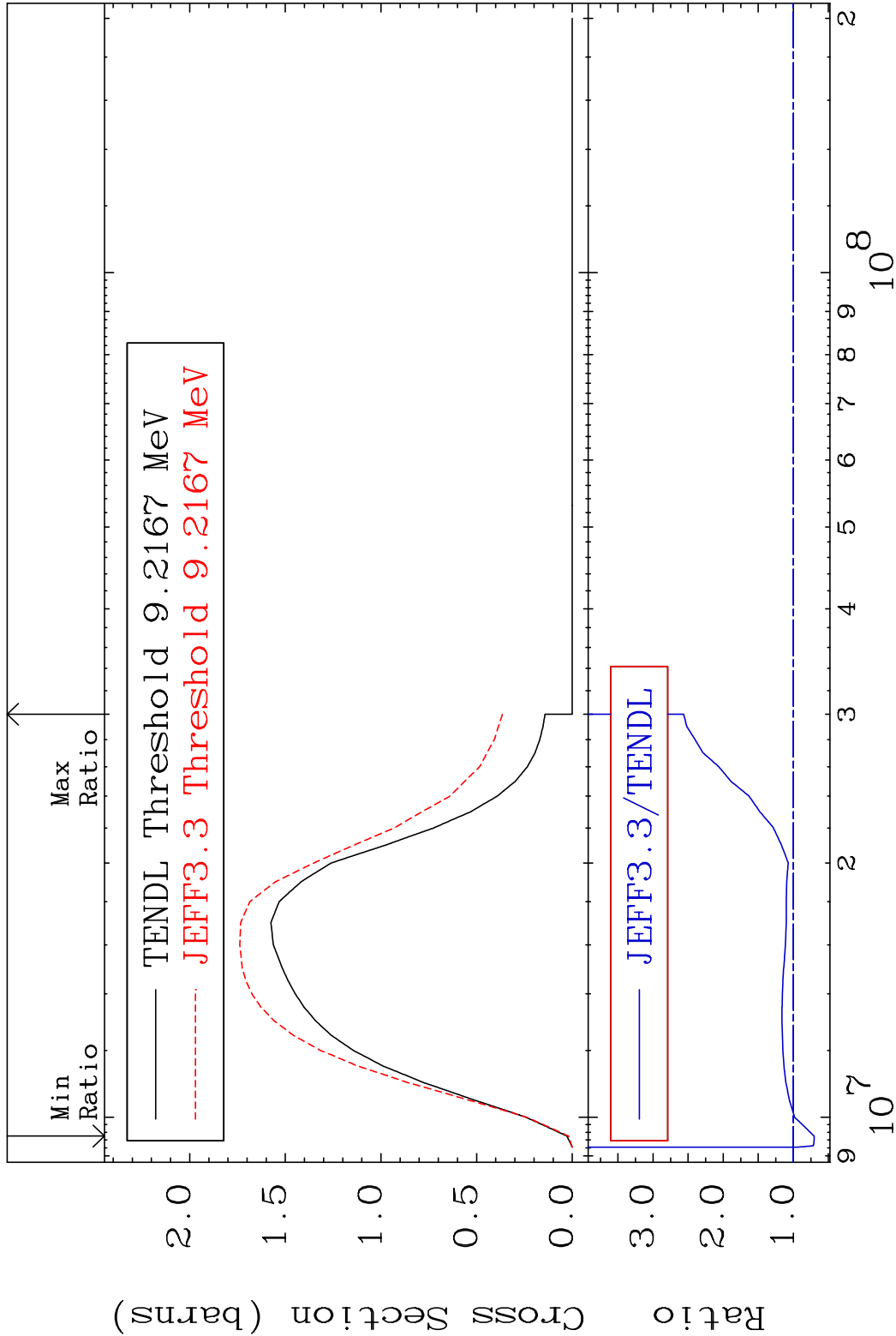
53-I -127

MAT 5325

(n,2n)

53-I -127

Cross Section -29.62 To 156.3 %



5

Incident Energy (eV)

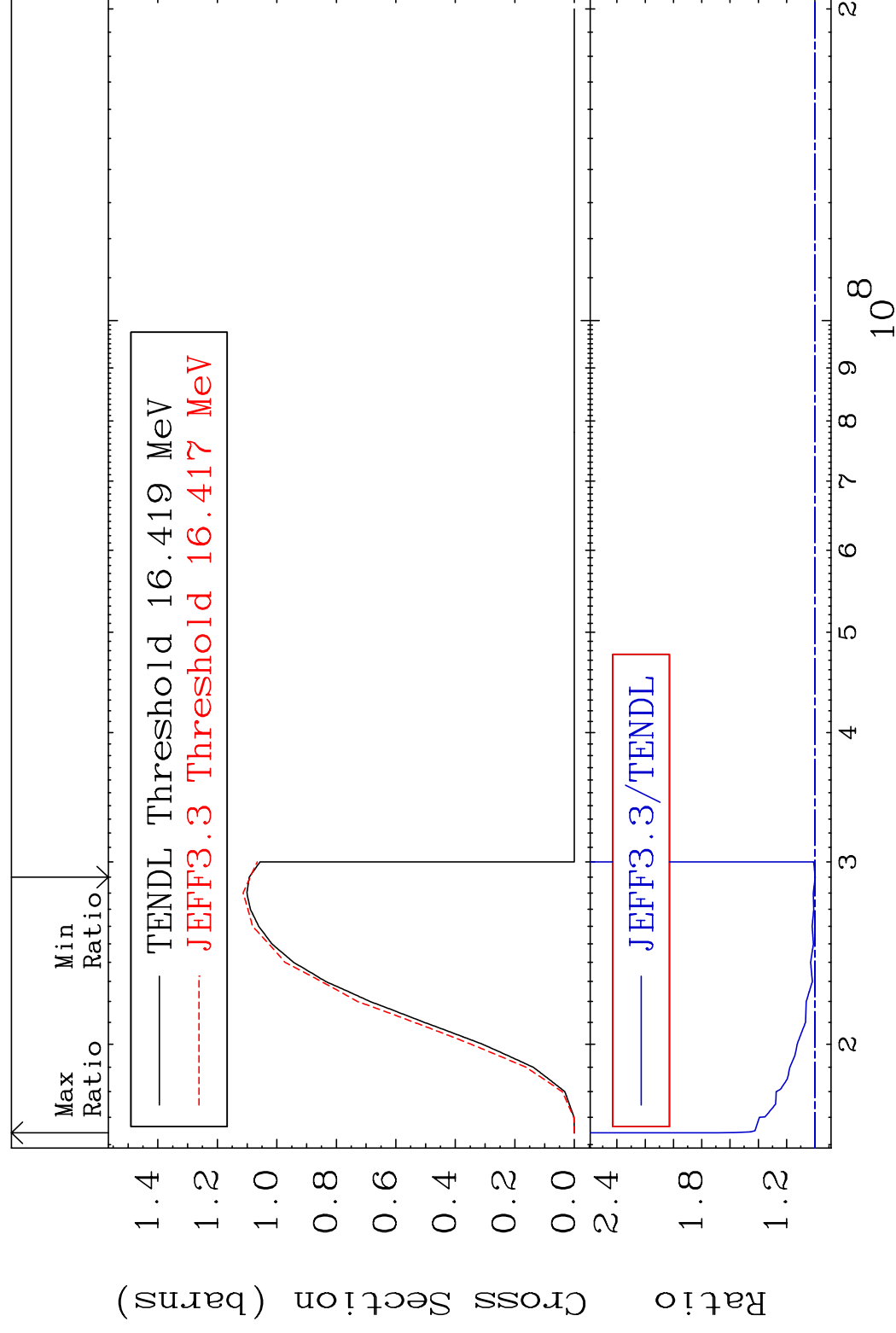
53-I -127

MAT 5325

$$(n, 3n)$$

53-I -127

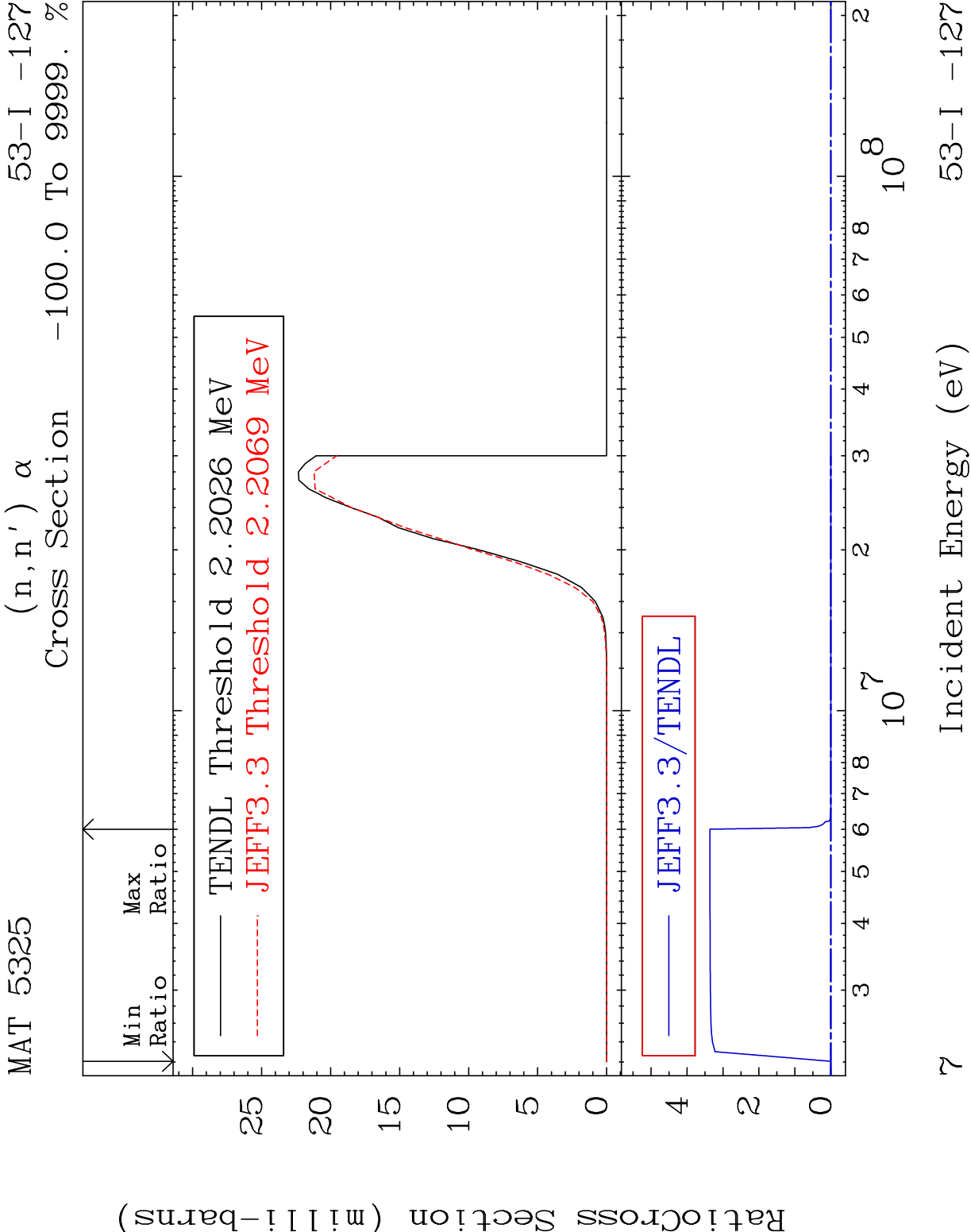
Cross Section -0.279 To 91.63 %

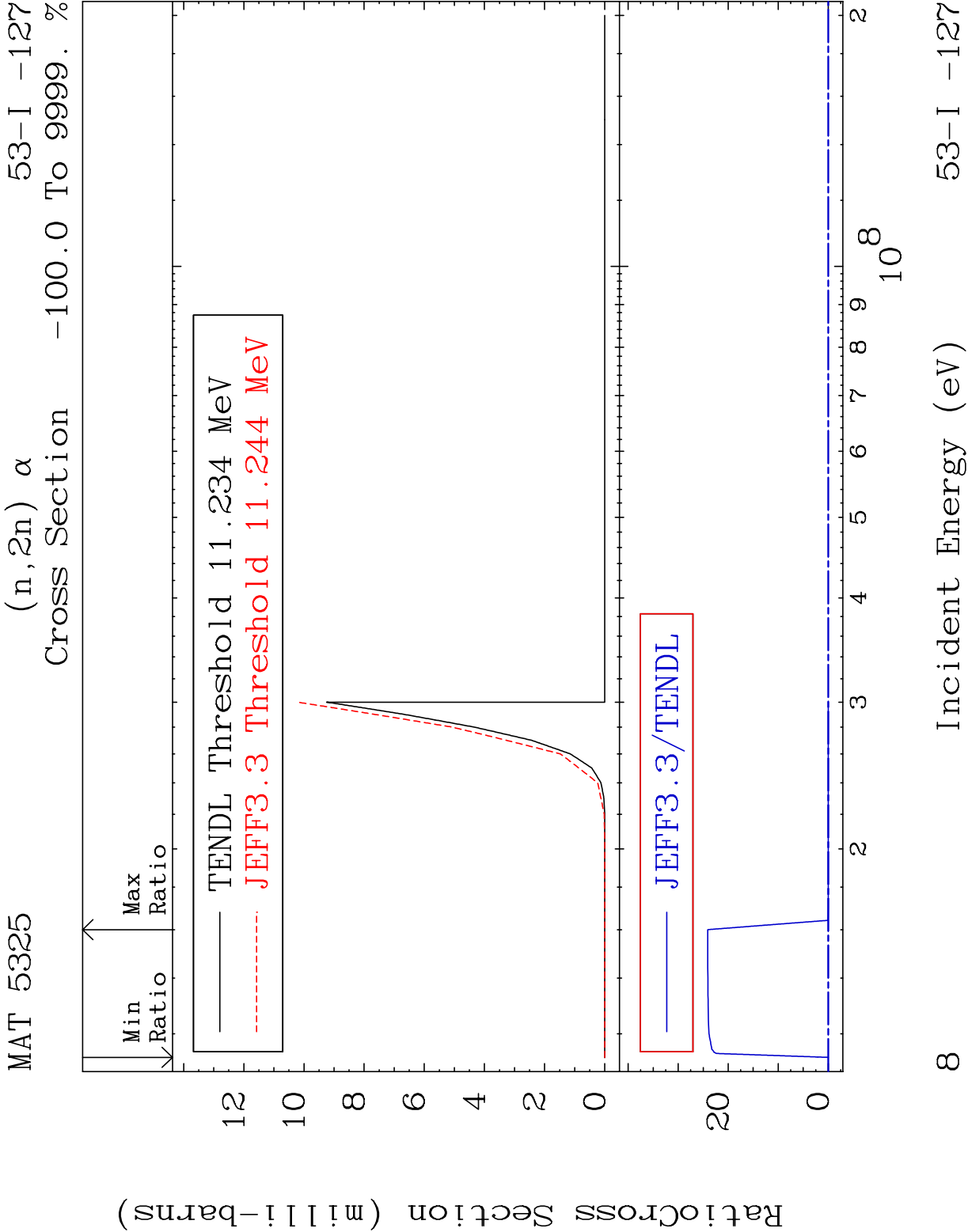


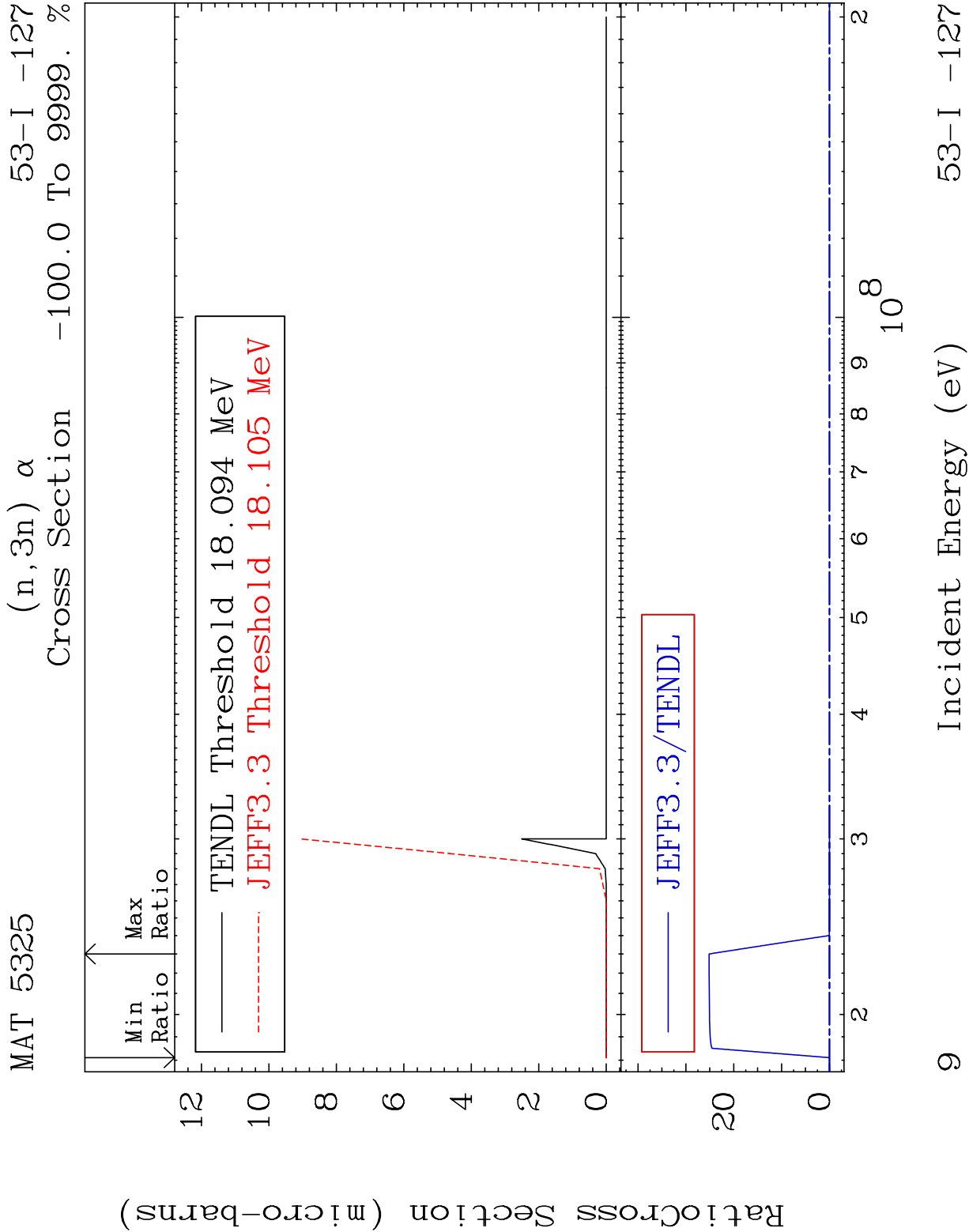
9

Incident Energy (eV)

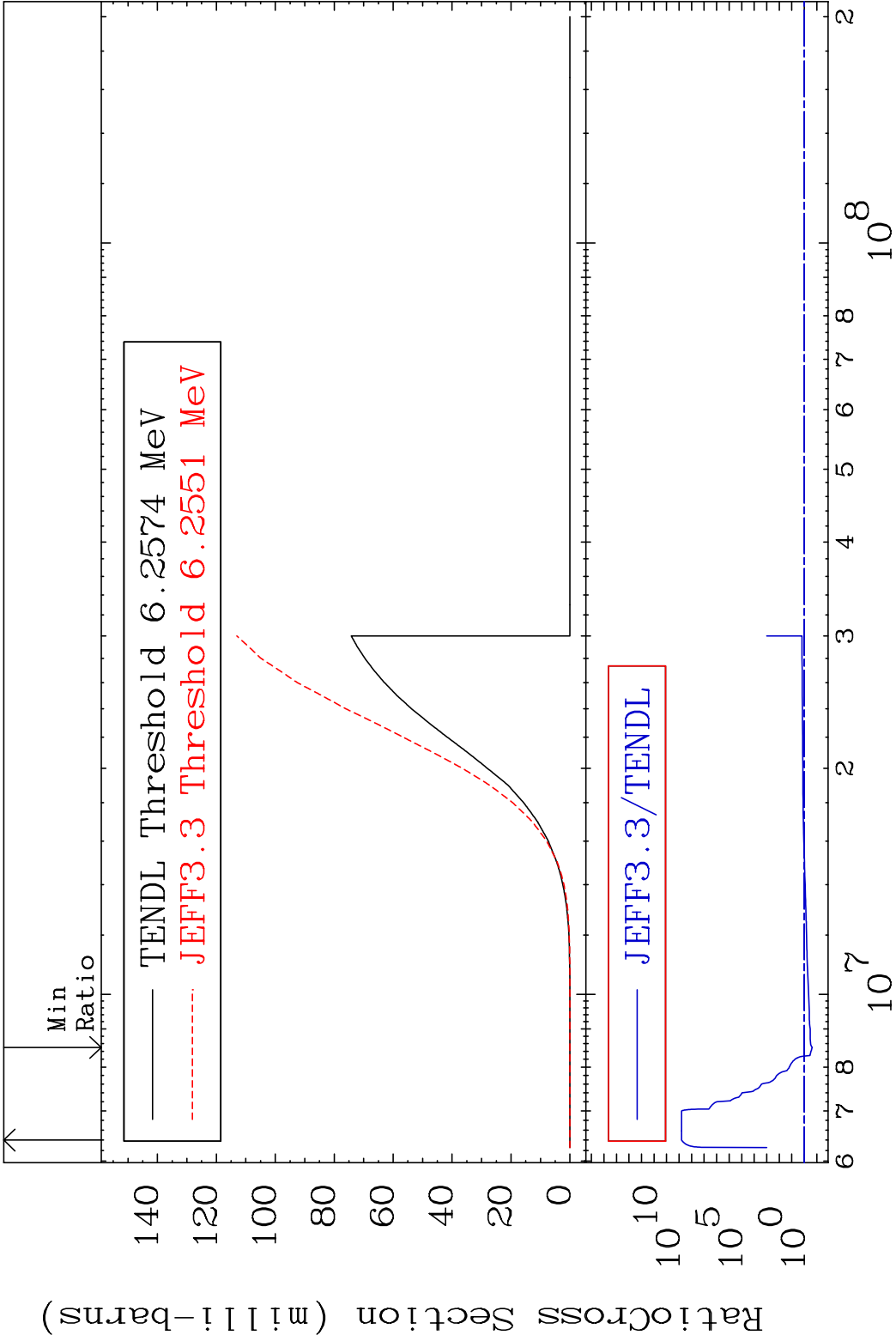
53-I -127



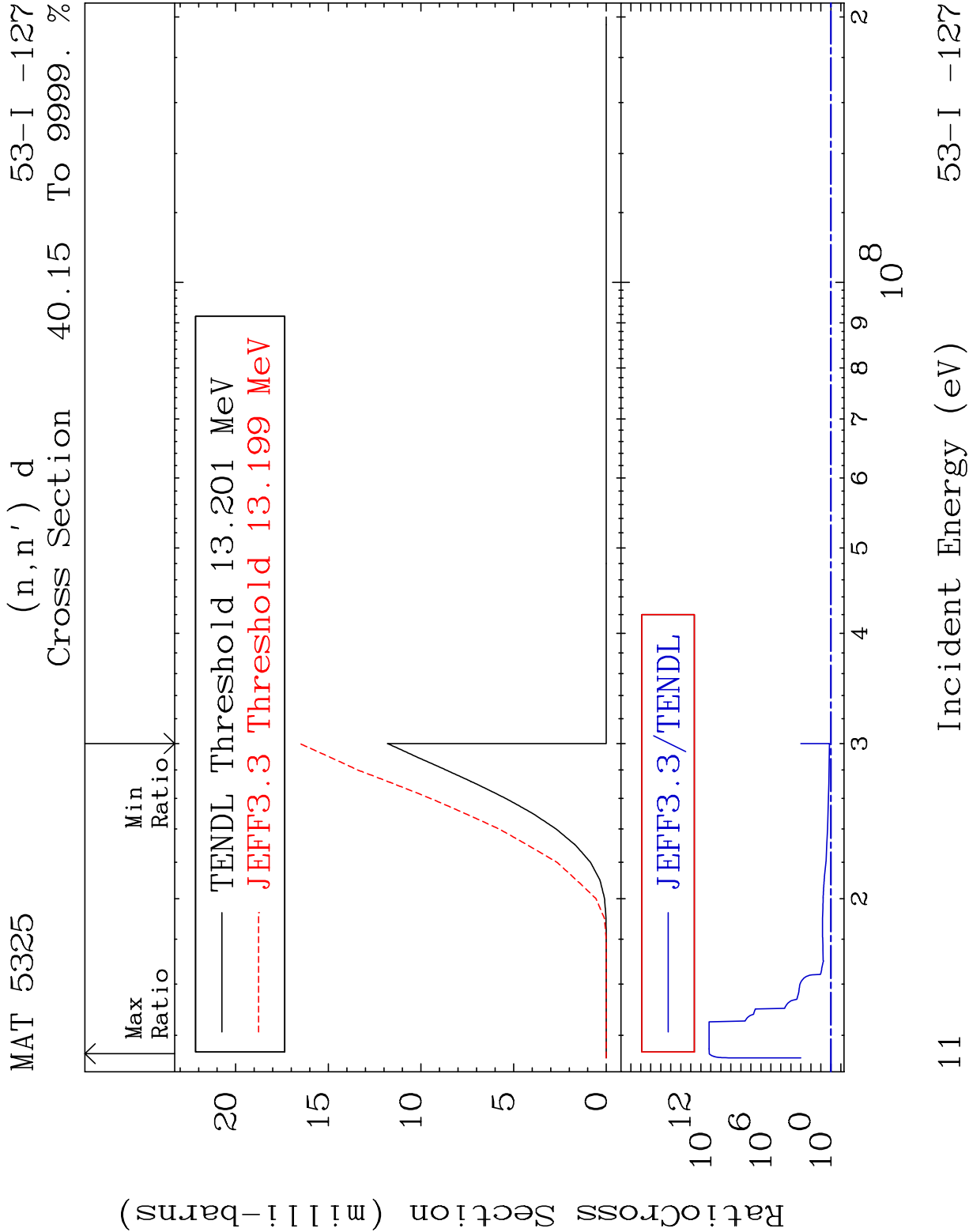


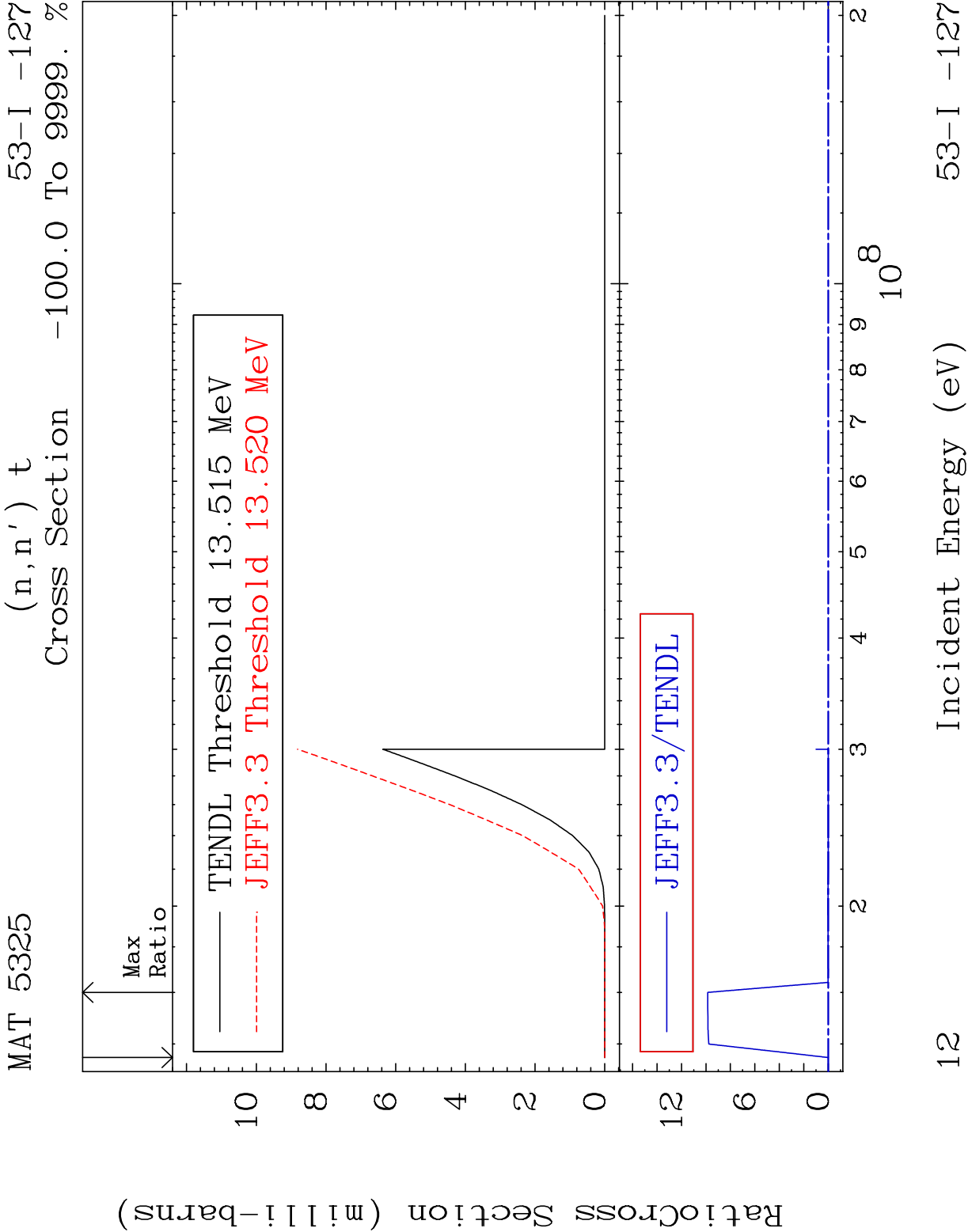


MAT 5325 (n,n') p 53-I -127
Cross Section -76.92 To 9999. %



10 Incident Energy (eV) 53-I -127



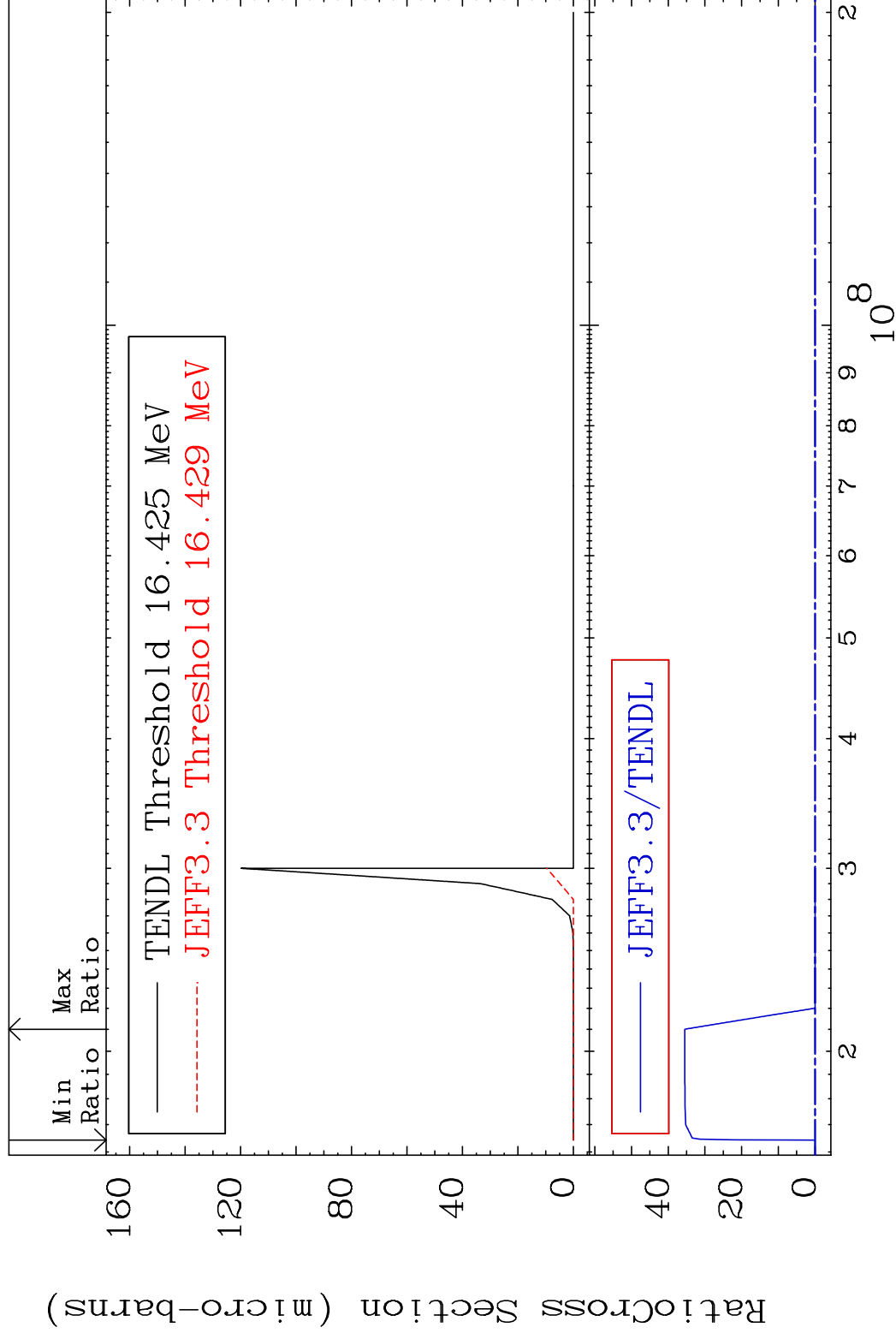


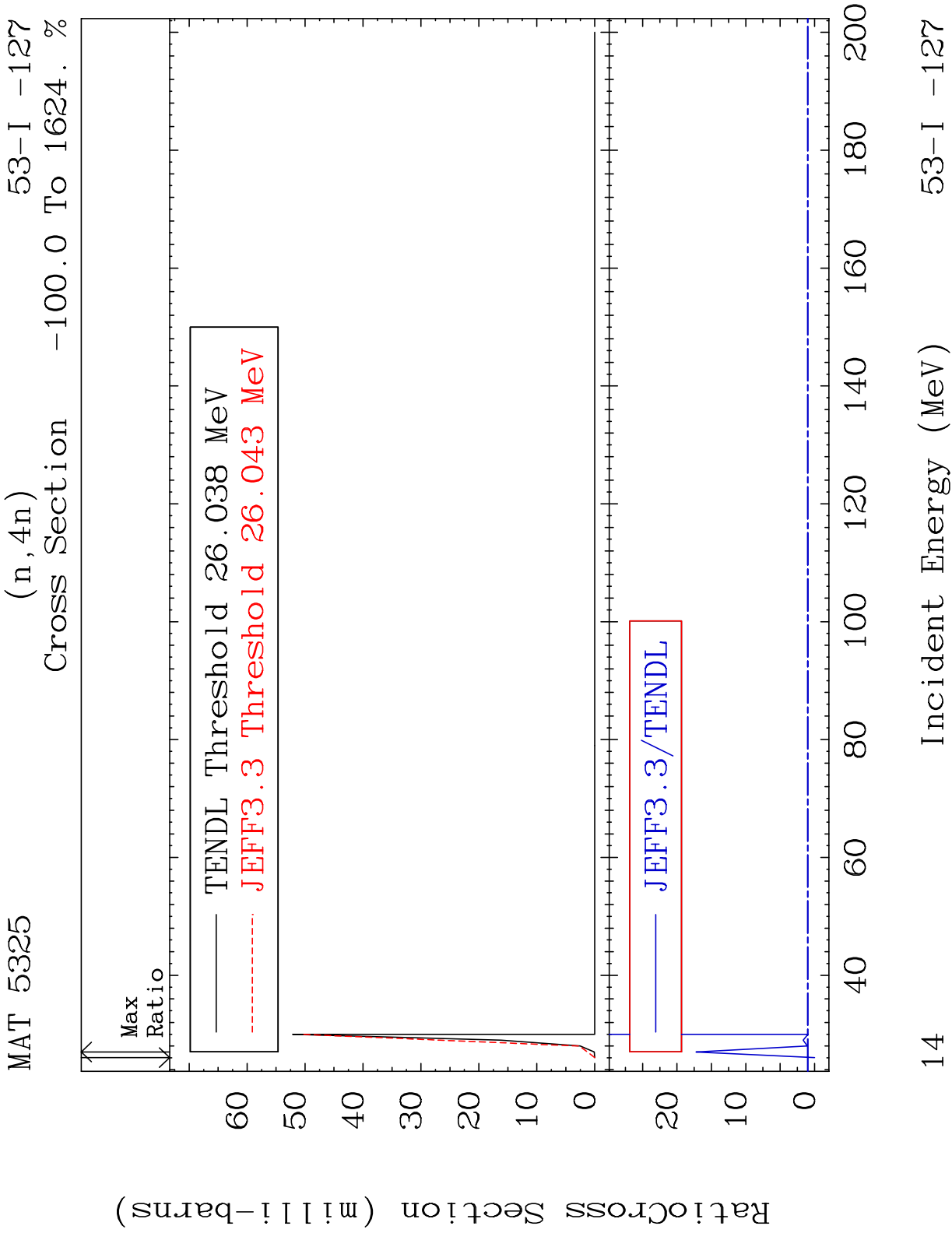
MAT 5325

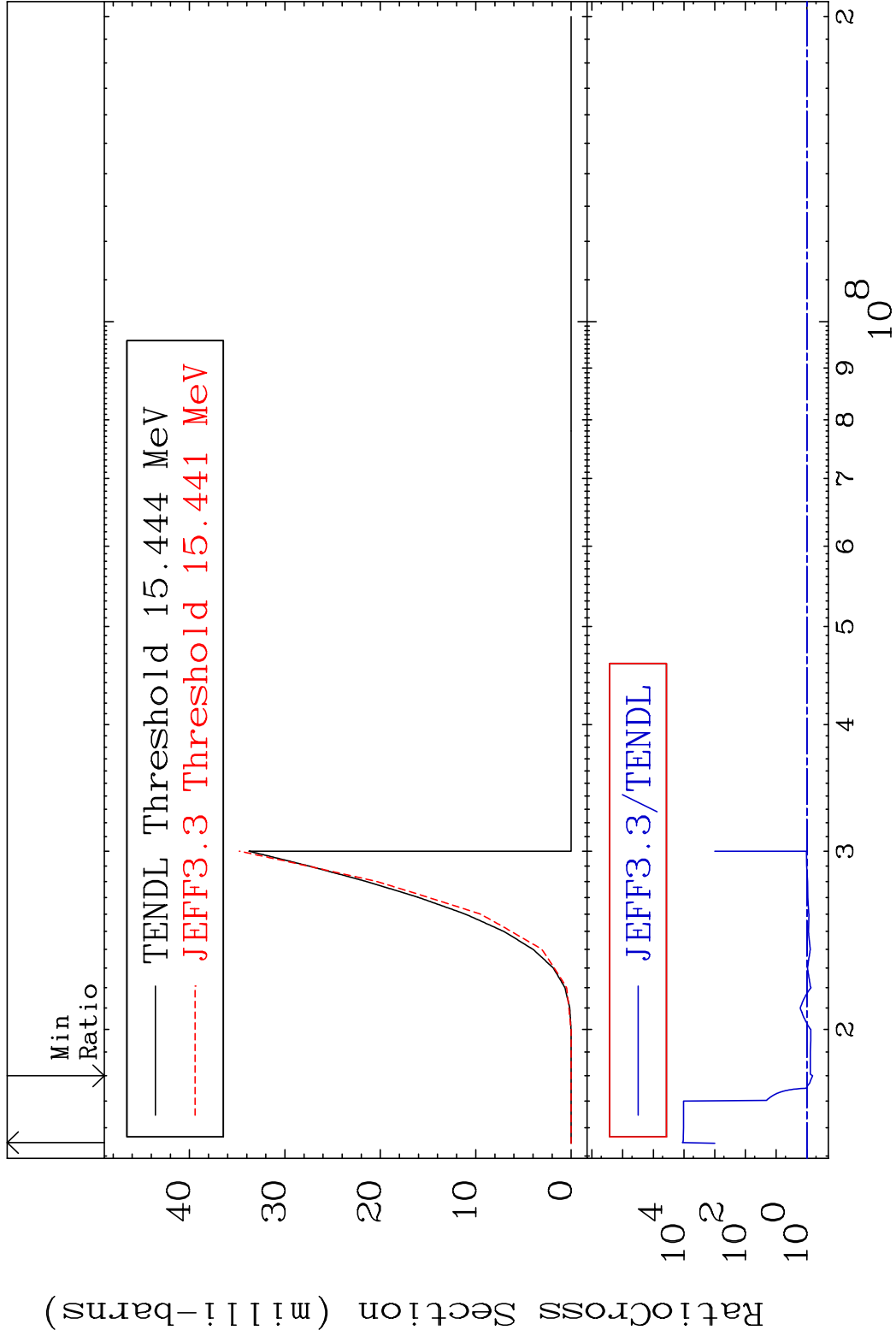
 $(n, n') \text{ He-3}$

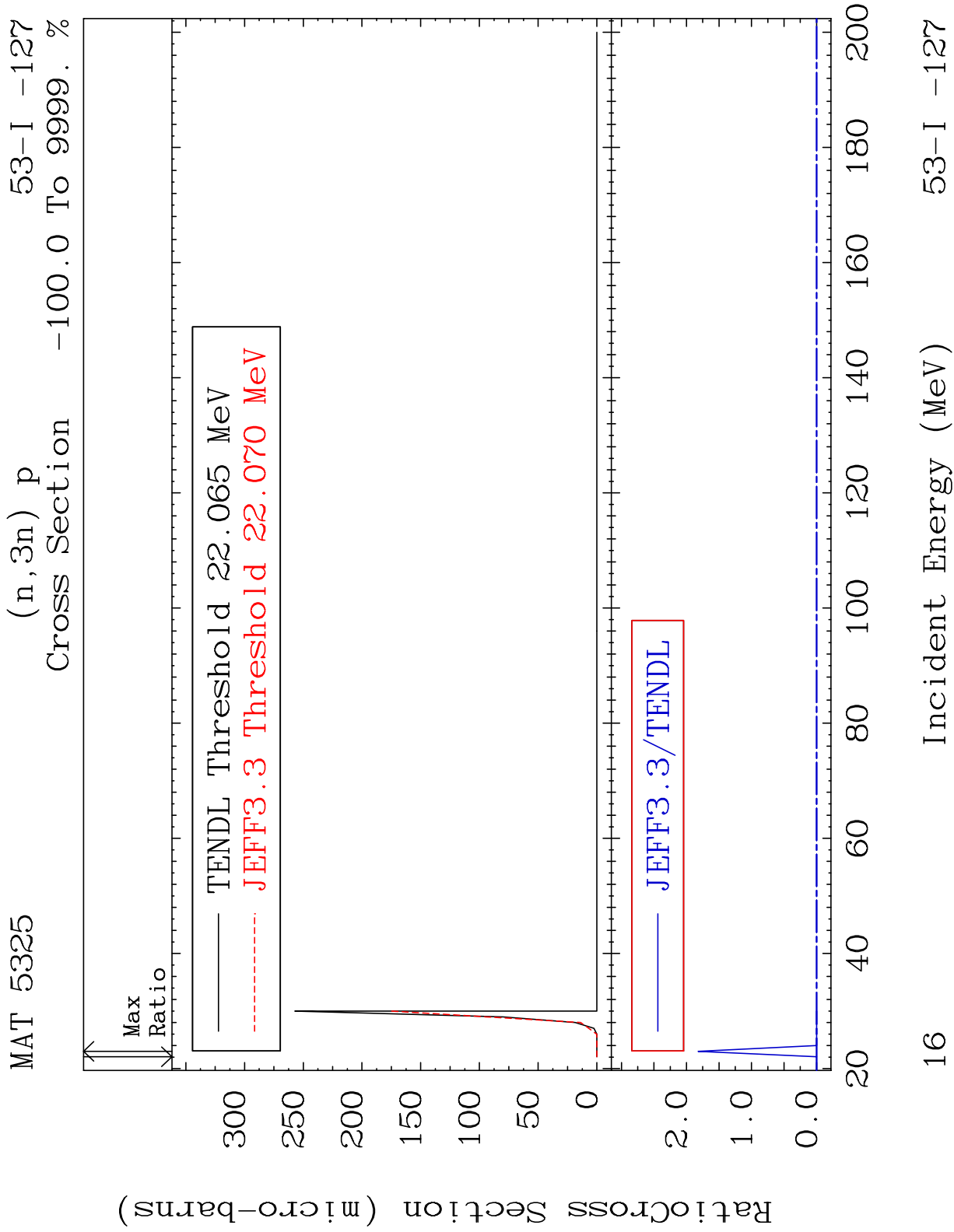
53-I -127

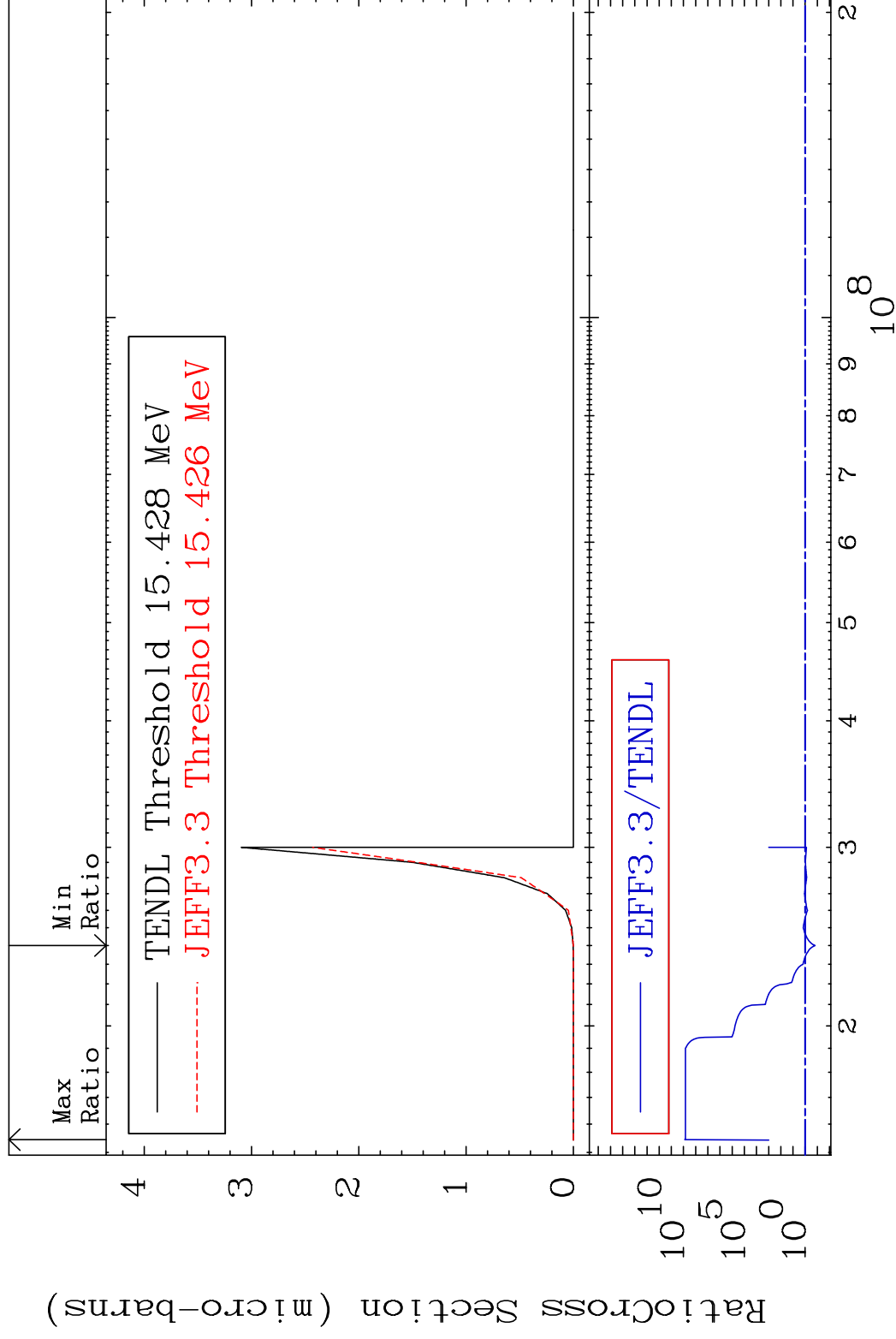
Cross Section -100.0 To 9999. %









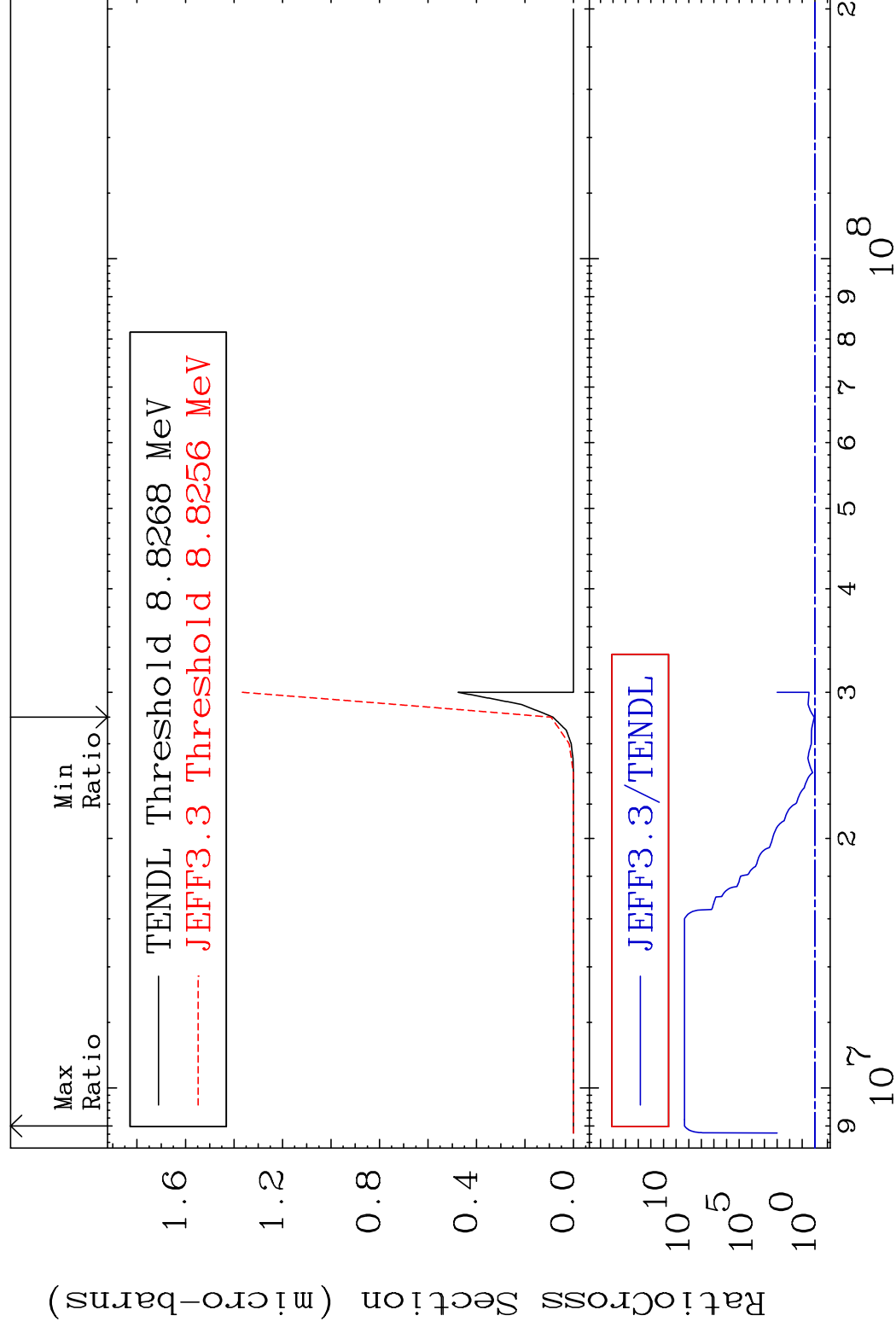


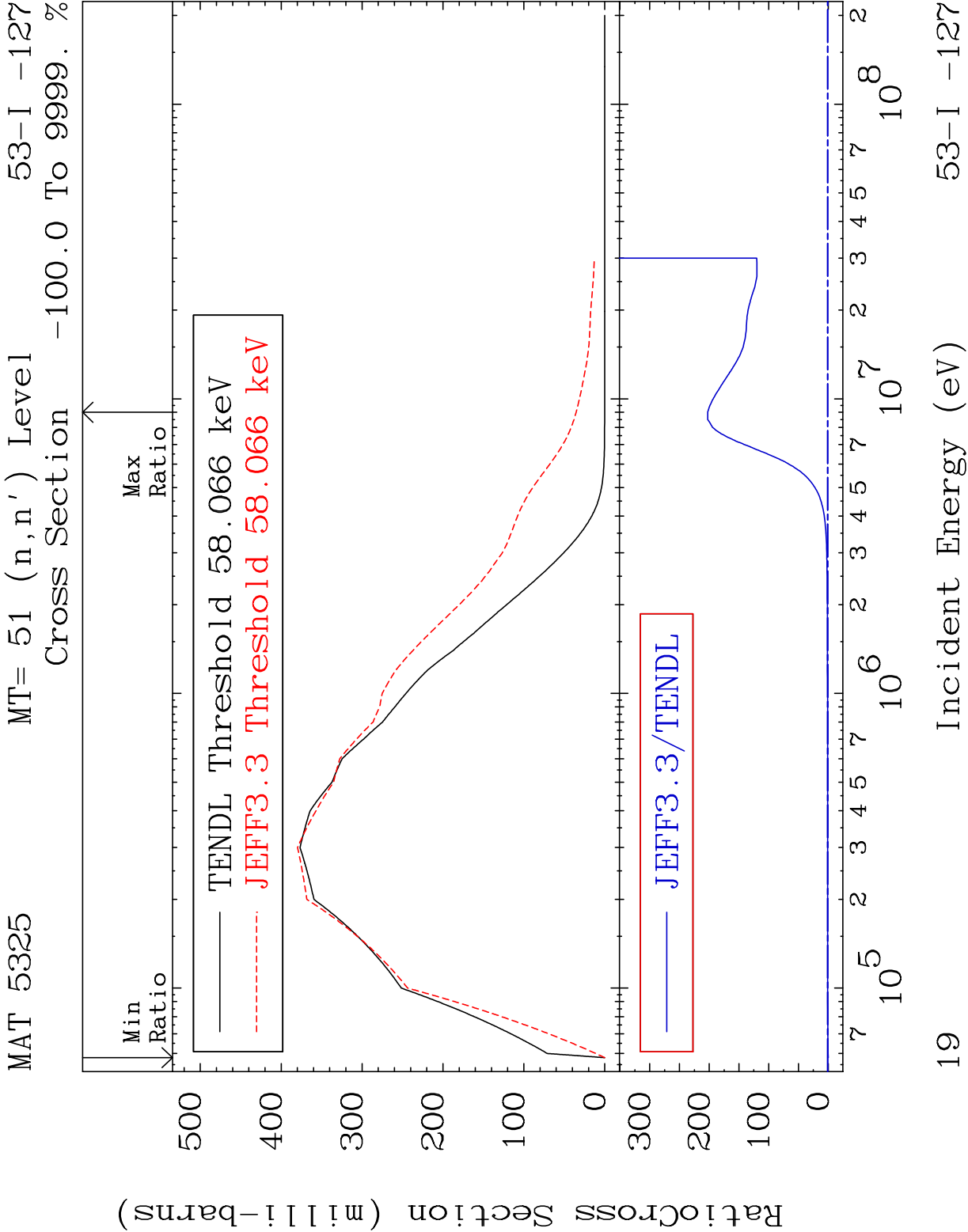
MAT 5325

$$(n, n') \propto p$$

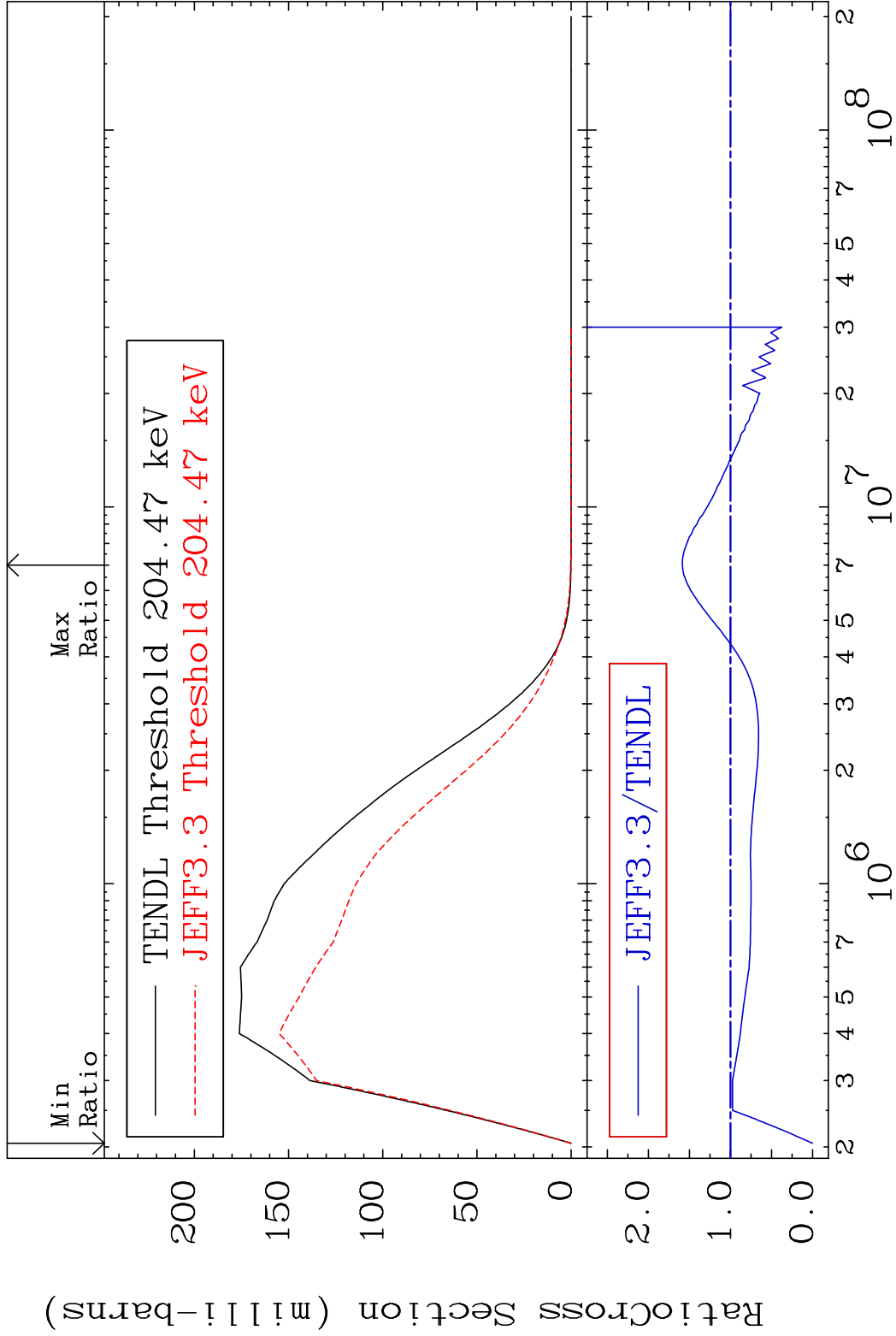
(n, n') p α
Cross Section
9.024 To 9999. %
53-I -127

53-I -127



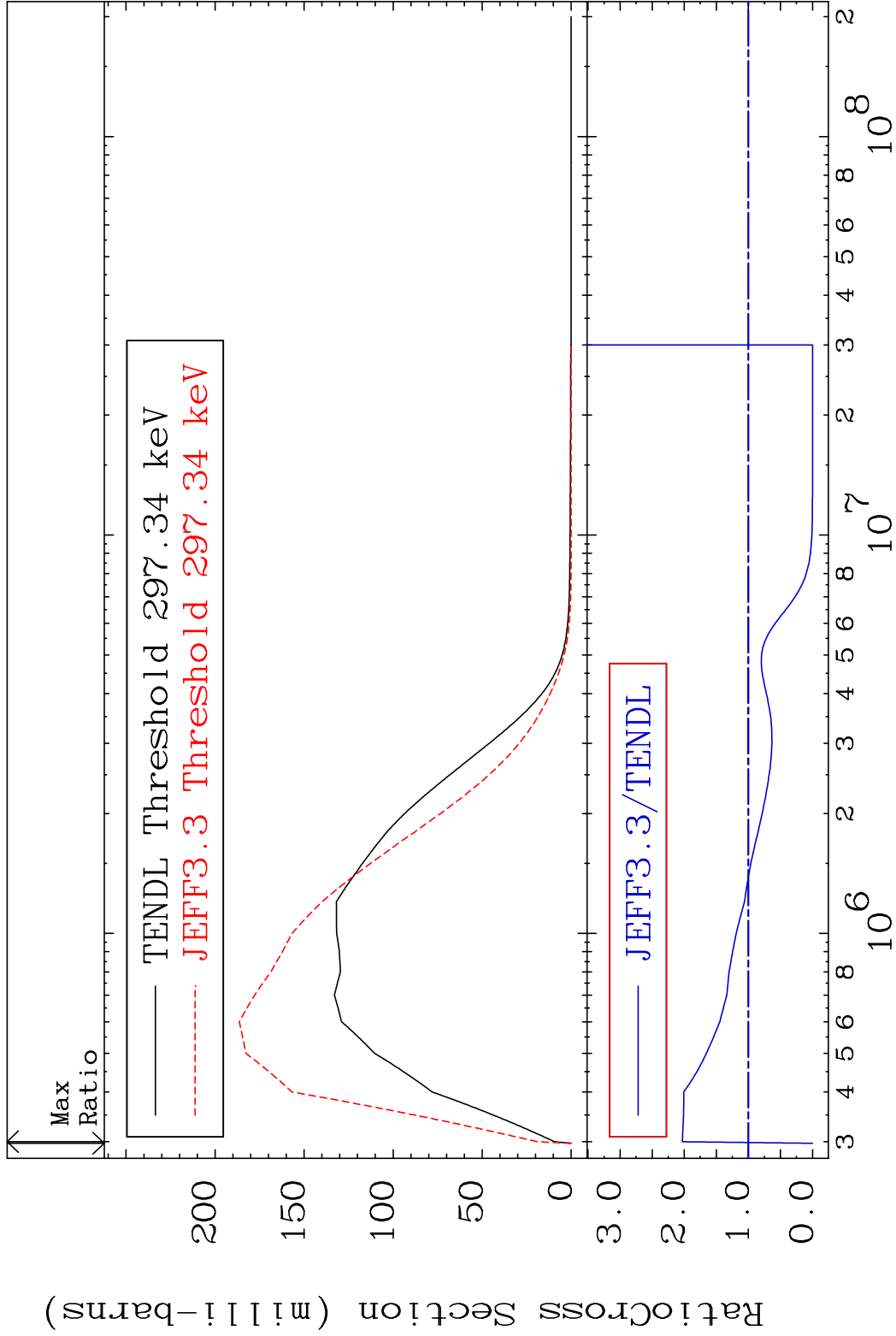


MAT 5325 MT= 52 (n,n') Level 53-I -127
Cross Section -100.0 To 58.65 %

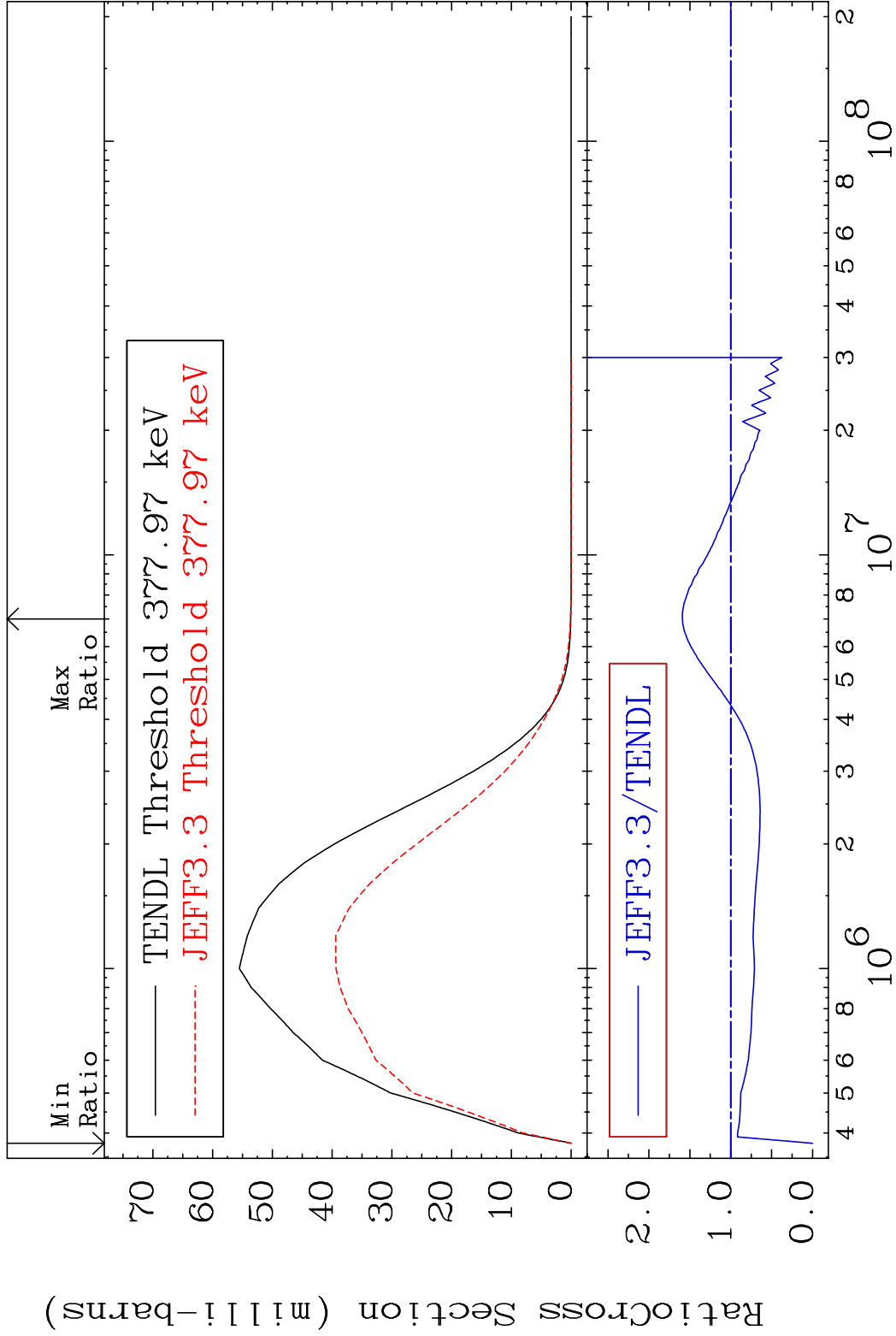


20 Incident Energy (eV) 53-I -127

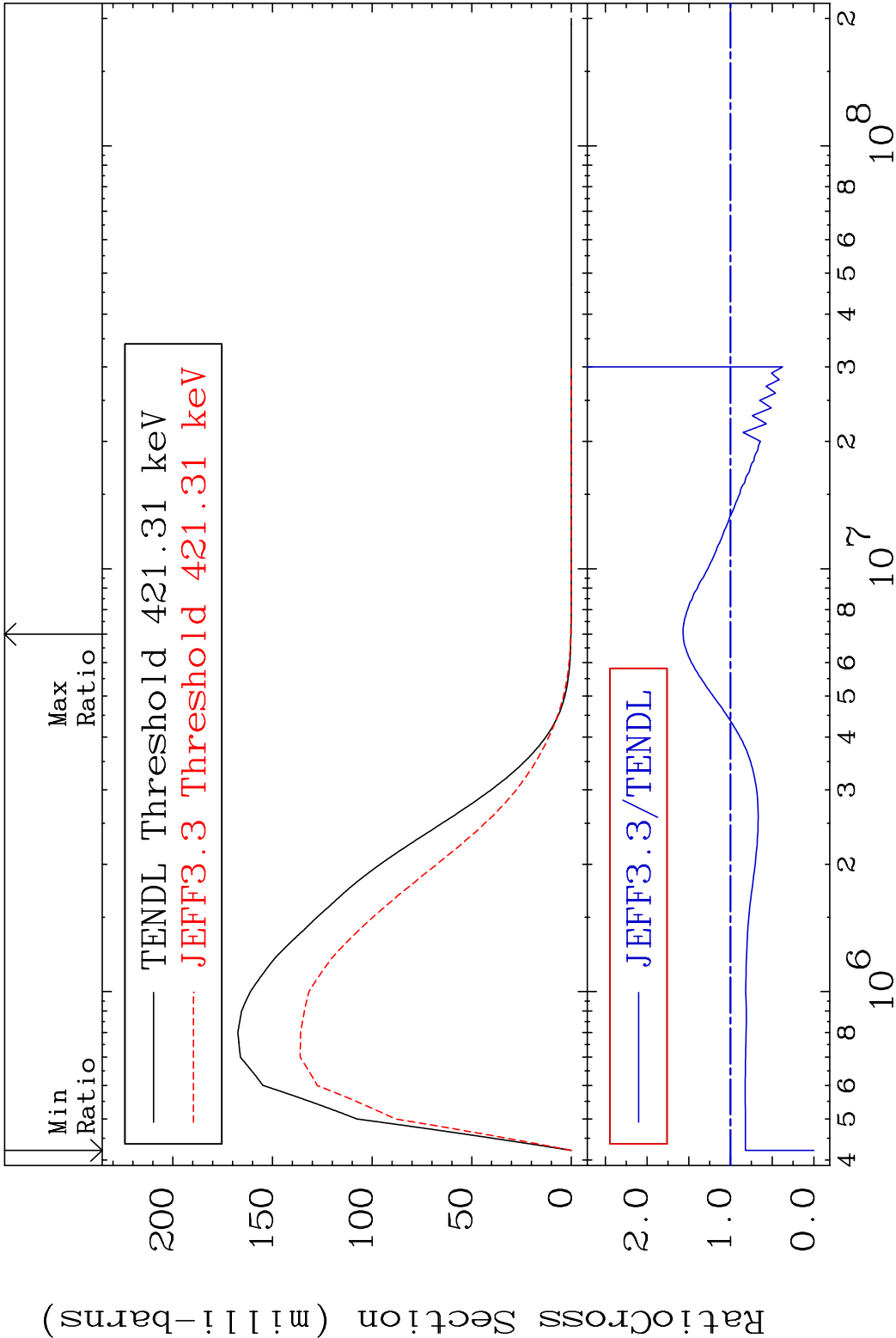
MAT 5325 MT= 53 (n,n') Level 53-I -127
Cross Section -100.0 To 103.0 %



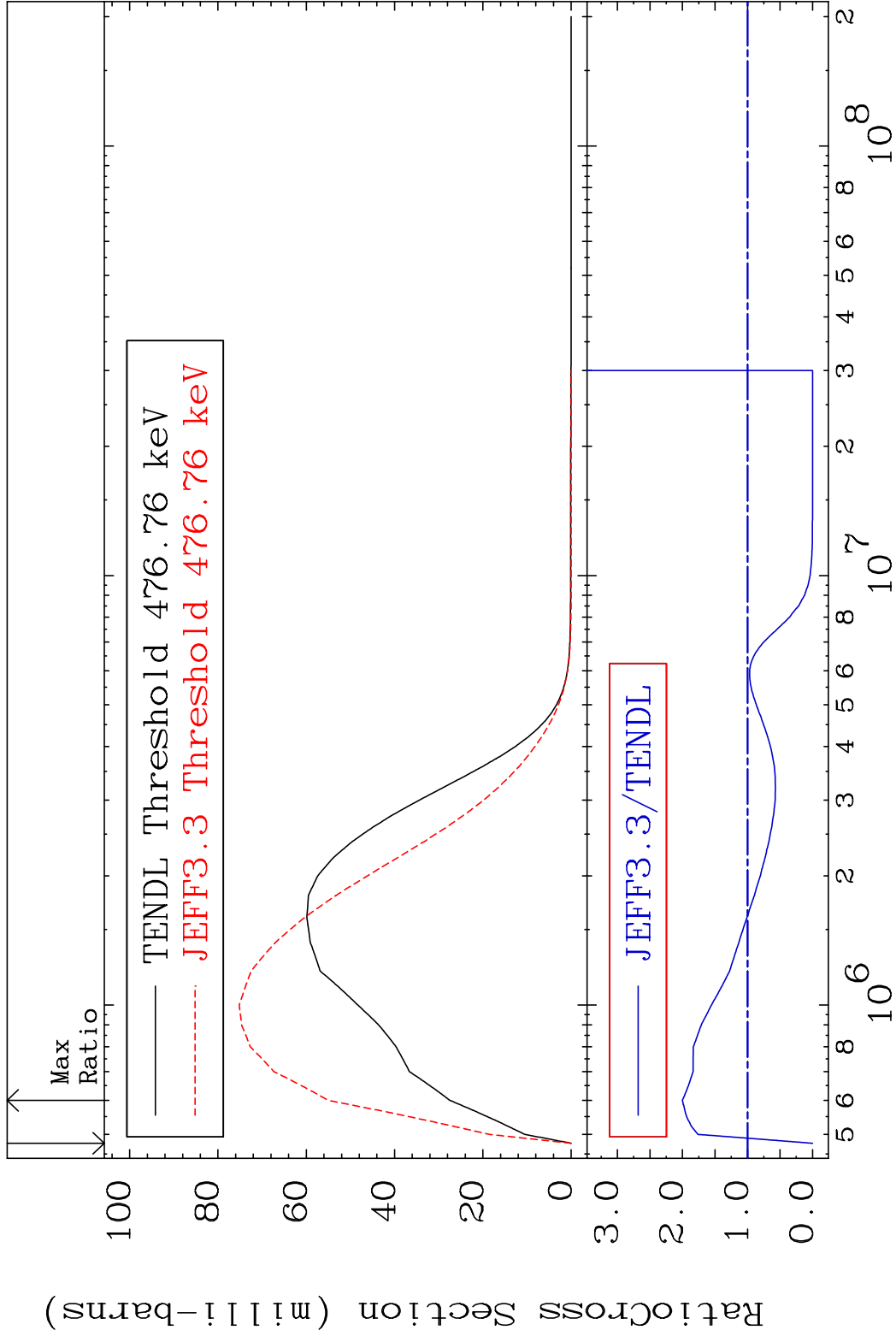
MAT 5325 MT= 54 (n,n') Level 53-I -127
Cross Section -100.0 To 59.11 %



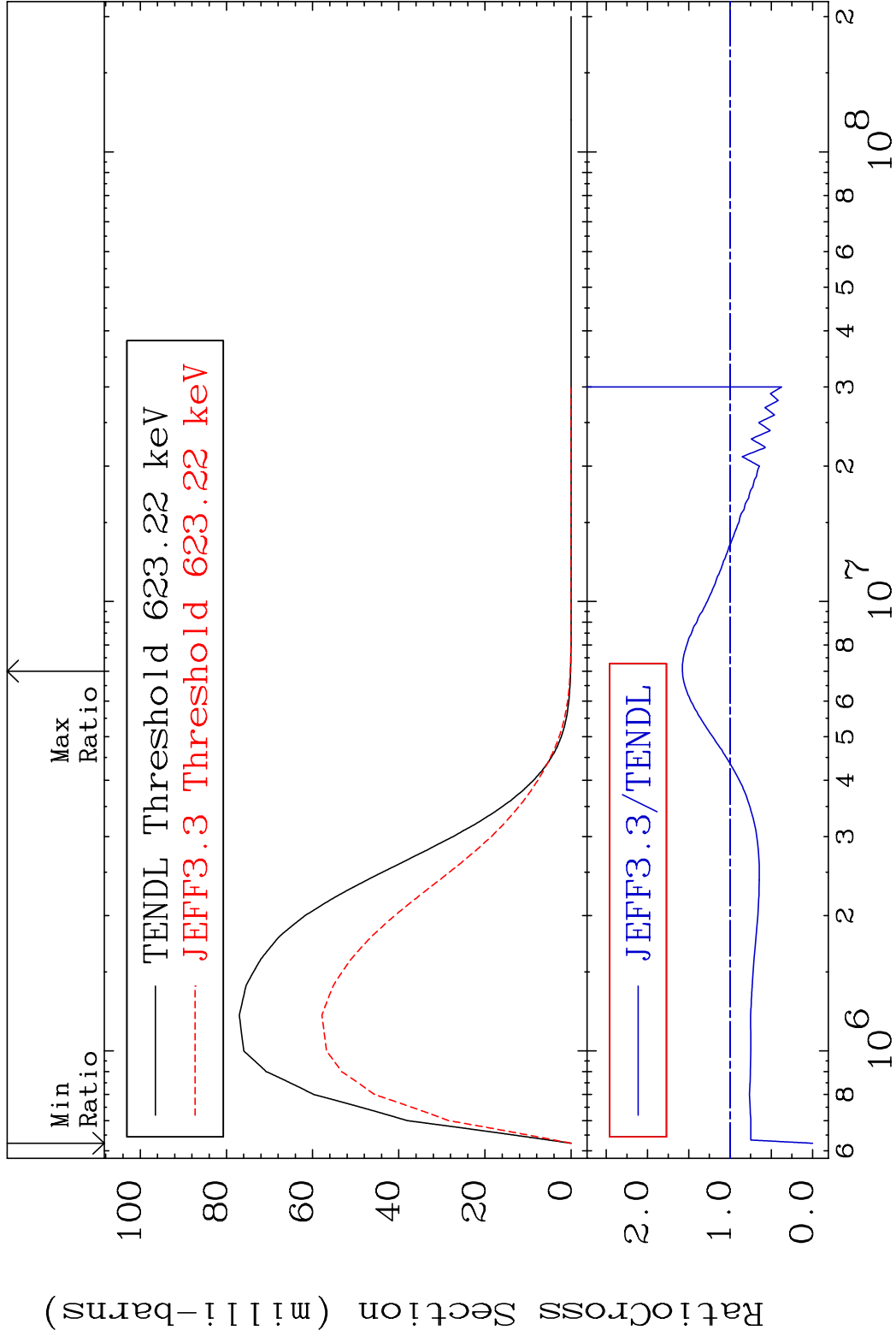
MAT 5325 MT= 55 (n,n') Level 53-I -127
 Cross Section -100.0 To 56.89 %



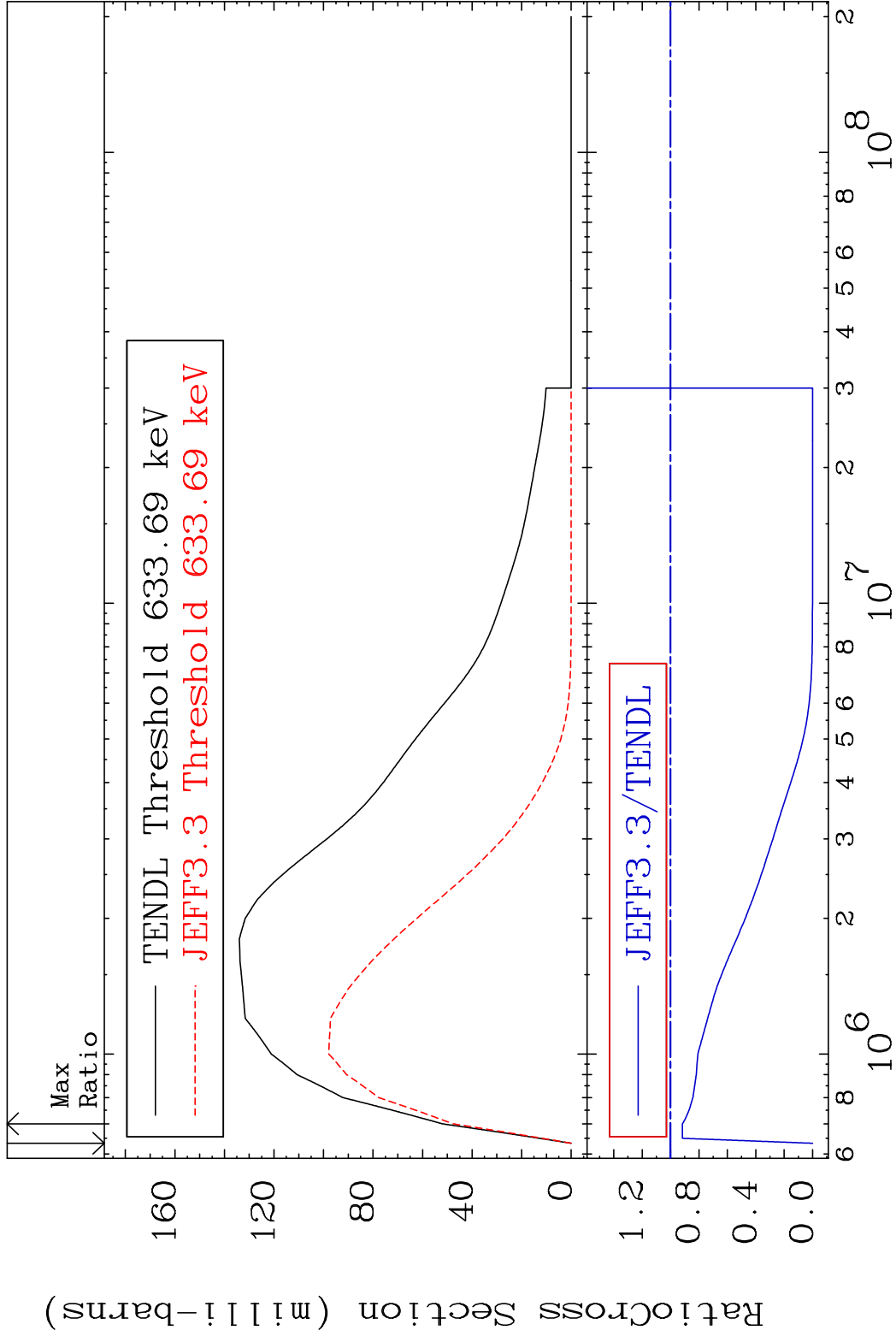
MAT 5325 MT= 56 (n,n') Level 53-I -127
Cross Section -100.0 To 100.2 %



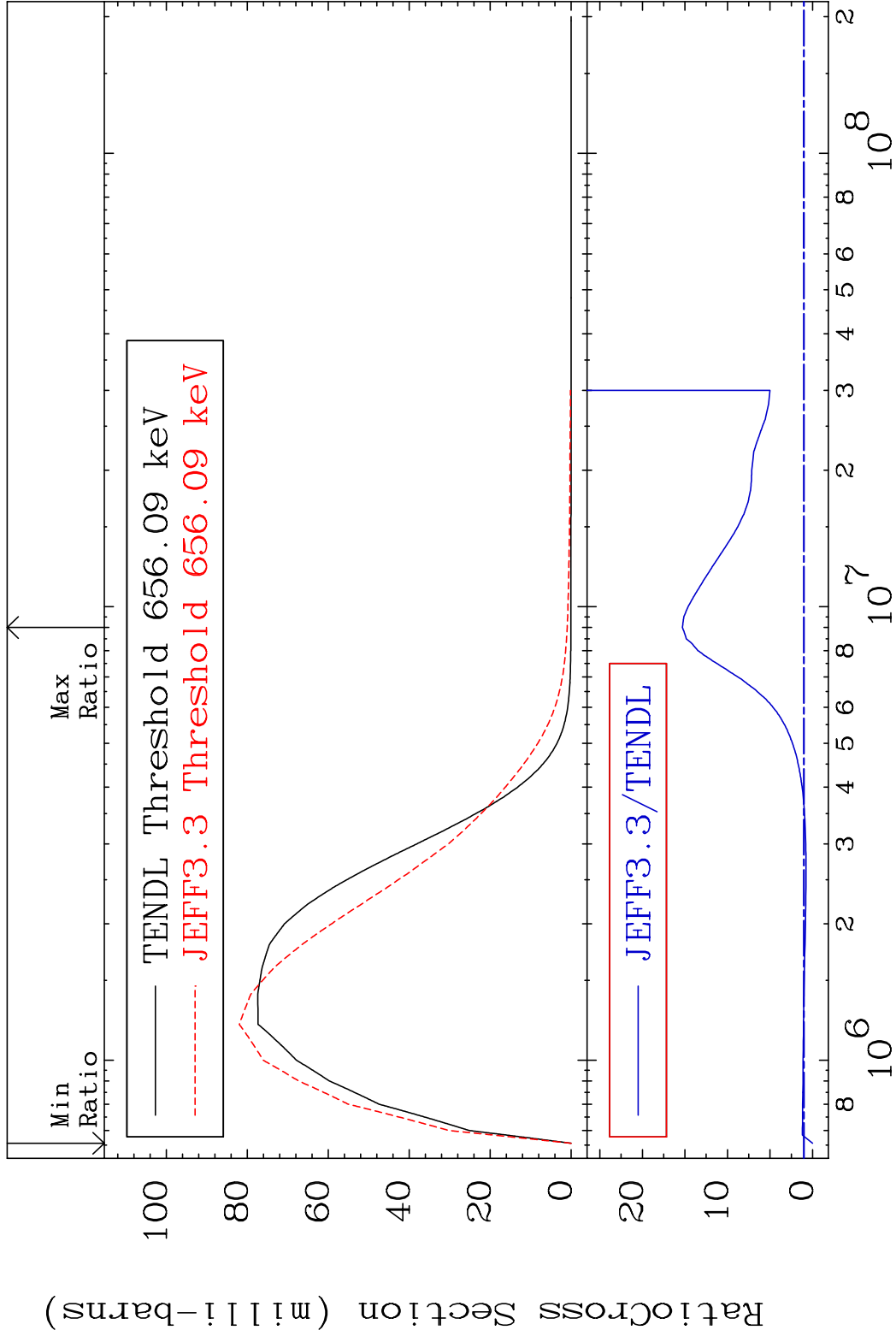
MAT 5325 MT= 57 (n,n') Level 53-I -127
Cross Section -100.0 To 57.79 %



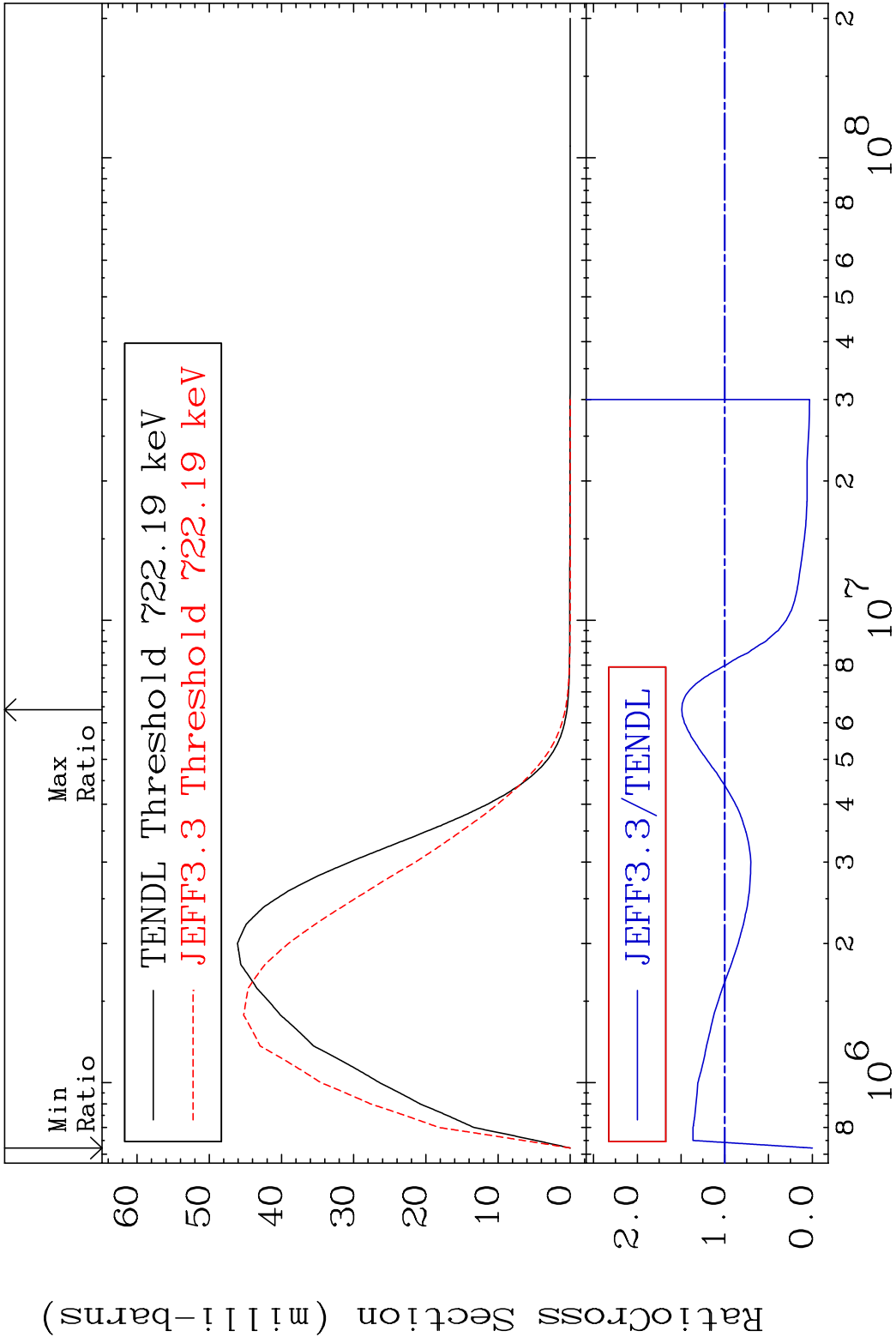
MAT 5325 MT= 58 (n,n') Level 53-I -127
Cross Section -100.0 To -8.297%



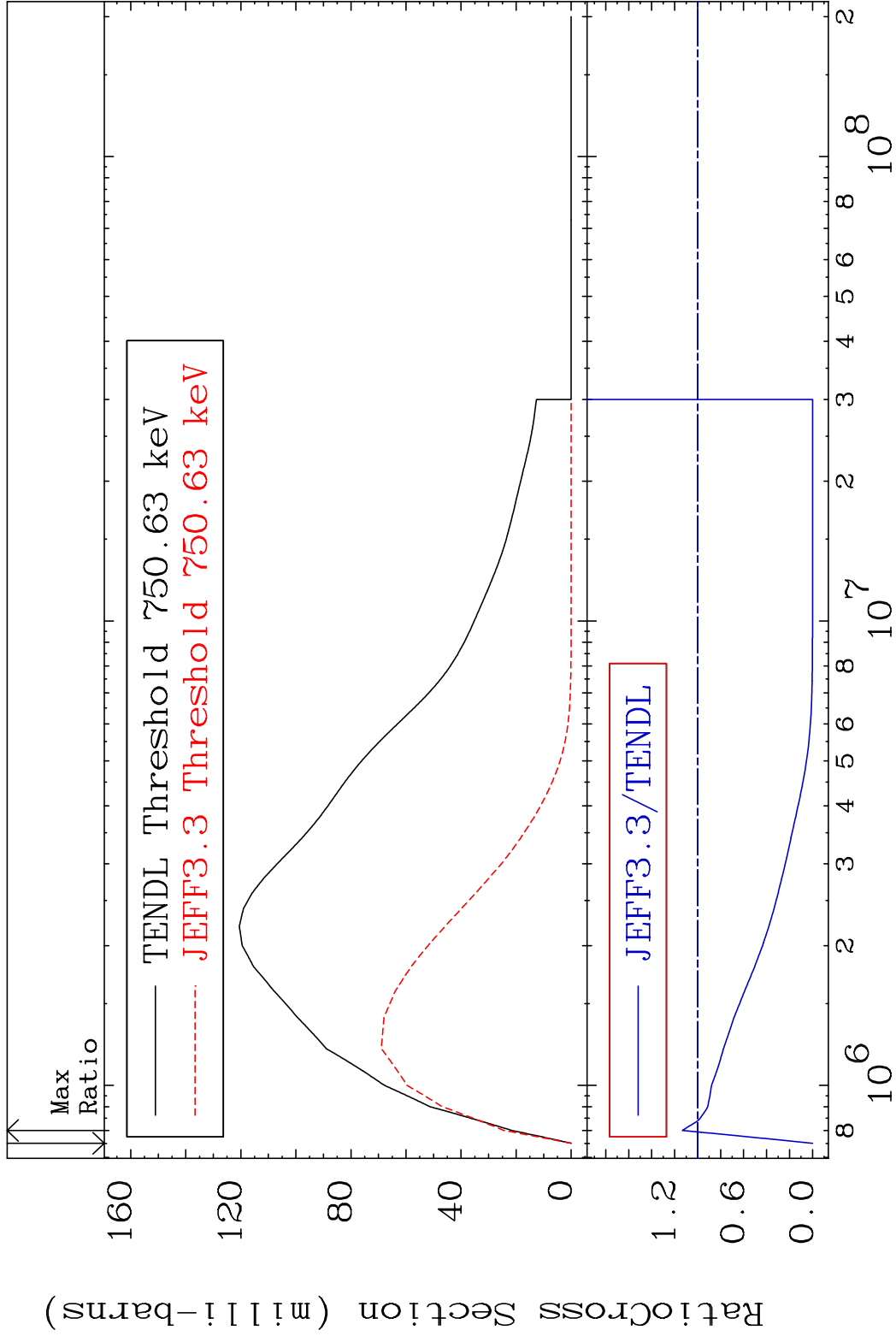
MAT 5325 MT= 59 (n,n') Level 53-I -127
Cross Section -100.0 To 1430. %



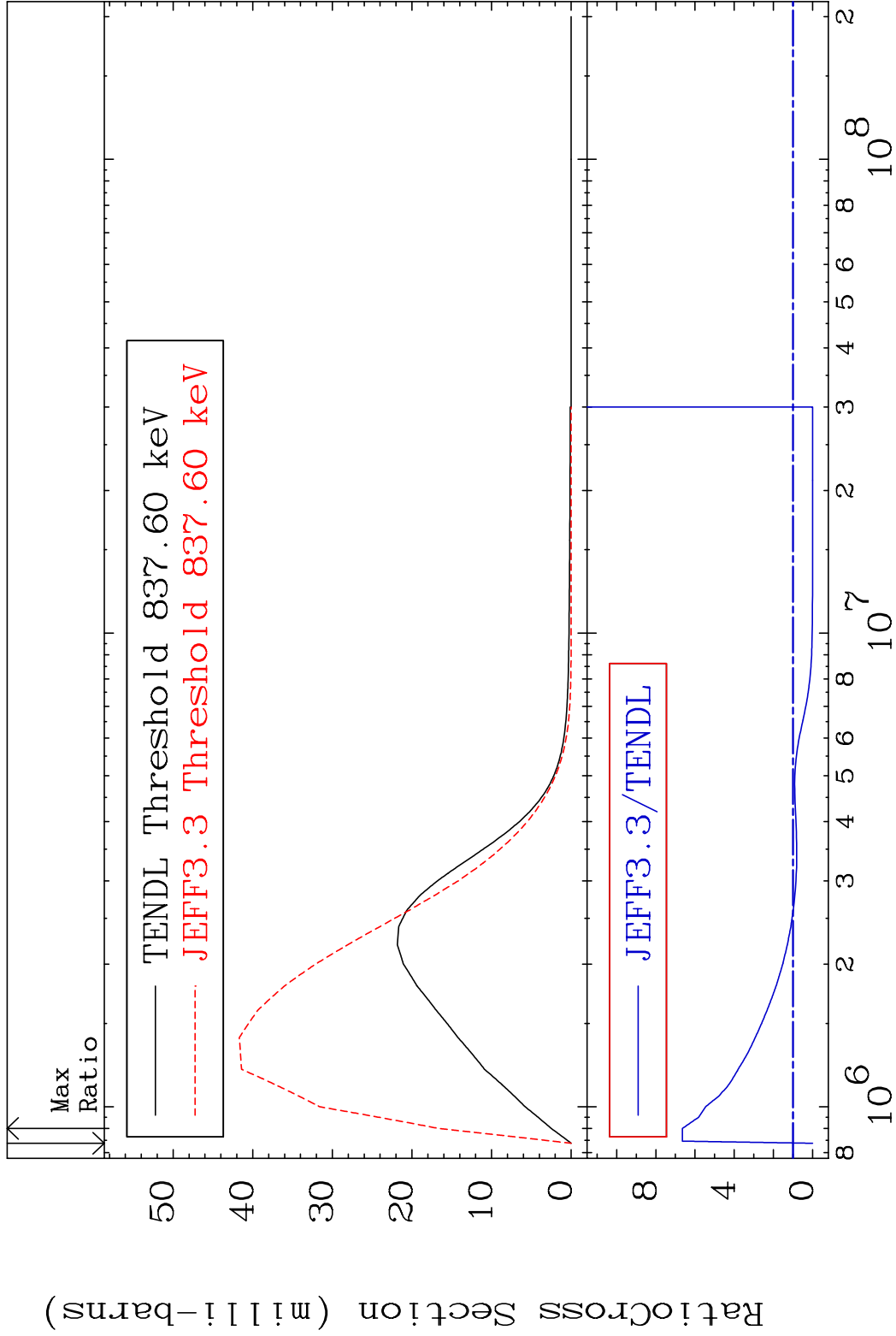
MAT 5325 MT= 60 (n,n') Level 53-I -127
Cross Section -100.0 To 49.21 %



MAT 5325 MT= 61 (n,n') Level 53-I -127
Cross Section -100.0 To 13.32 %

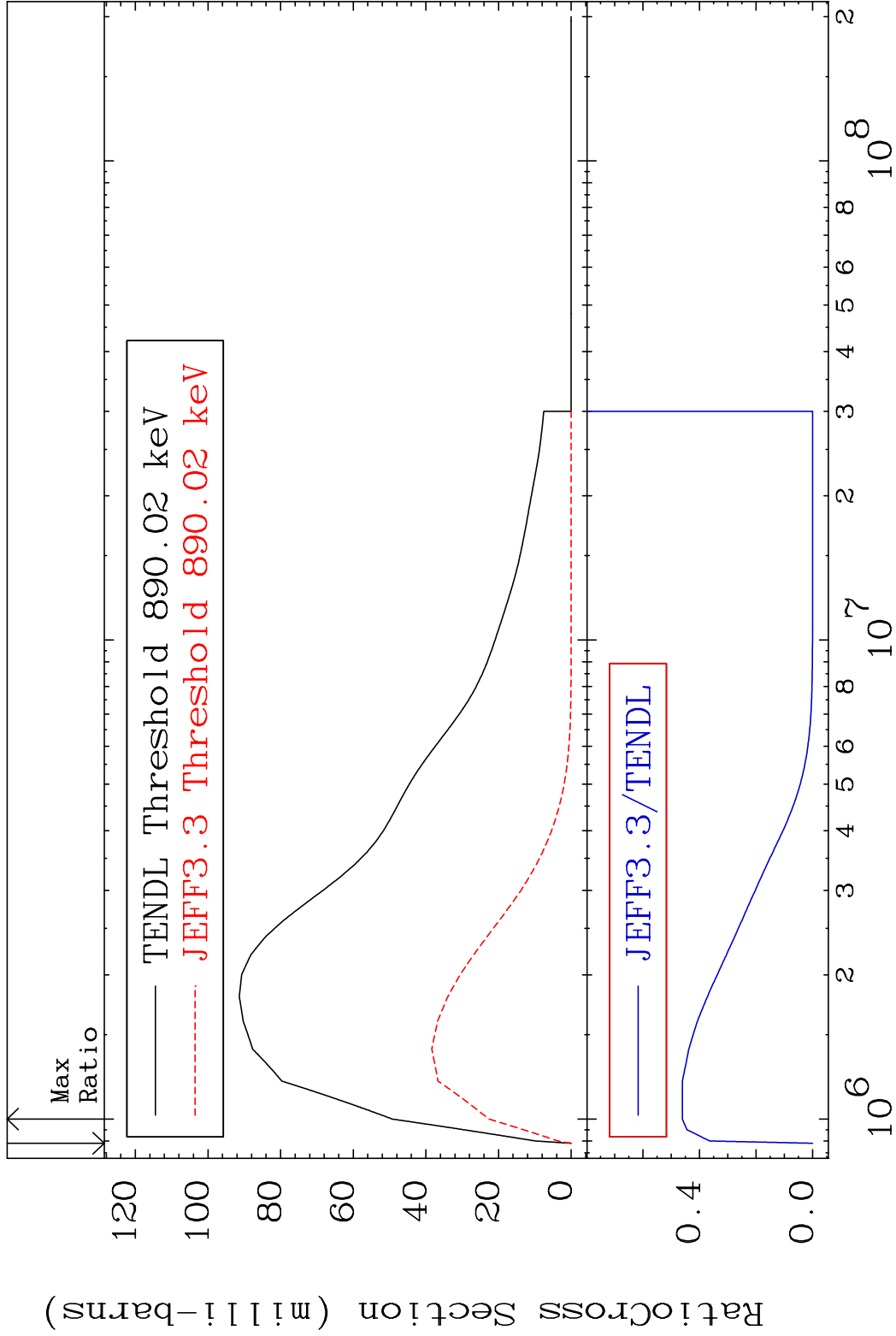


MAT 5325 MT= 62 (n,n') Level 53-I -127
Cross Section -100.0 To 564.6 %



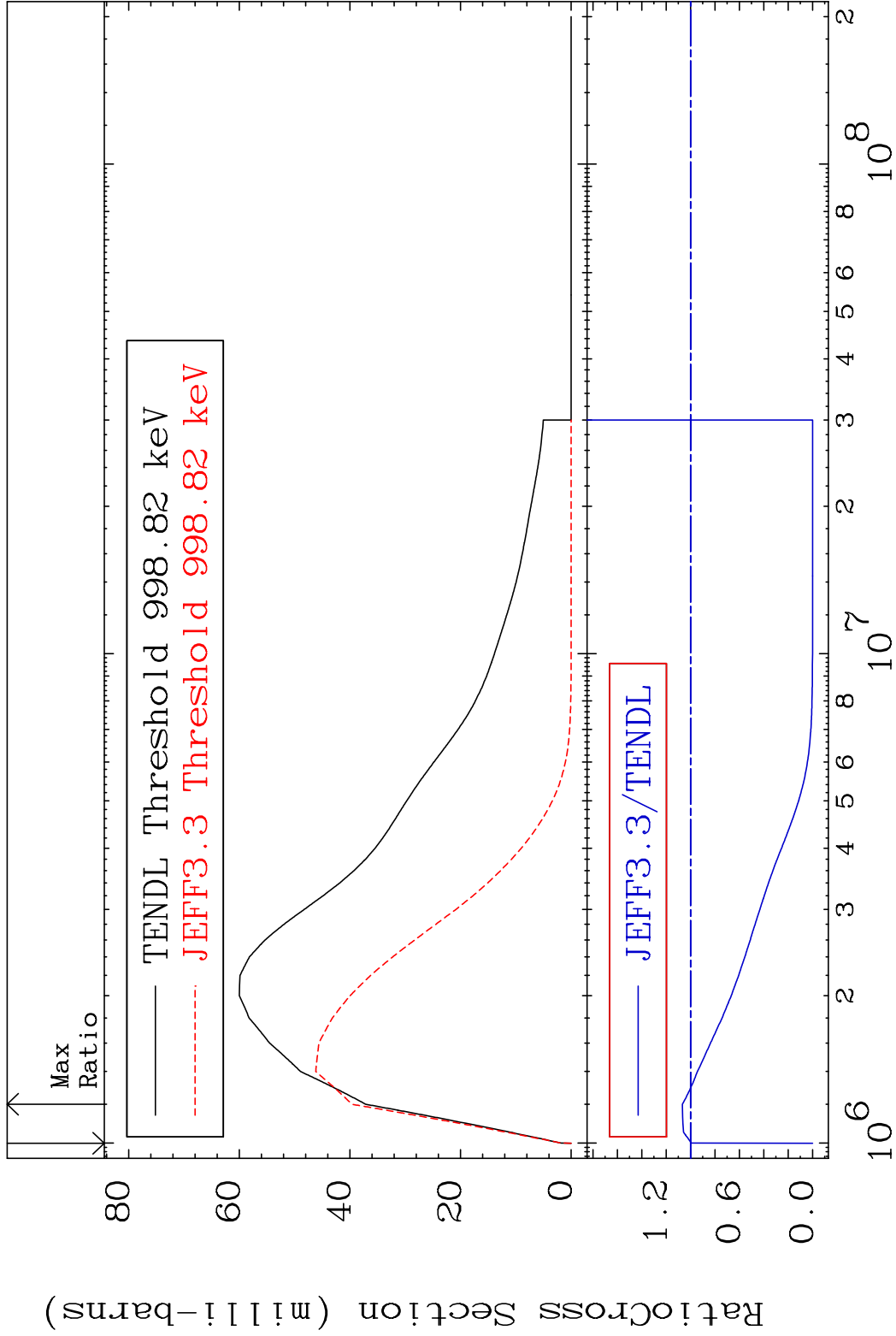
30 Incident Energy (eV) 53-I -127

MAT 5325 MT= 63 (n,n') Level 53-I -127
Cross Section -100.0 To -53.96%



31 Incident Energy (eV) 53-I -127

MAT 5325 MT= 64 (n,n') Level 53-I -127
Cross Section -100.0 To 6.738 %



32 Incident Energy (eV) 53-I -127

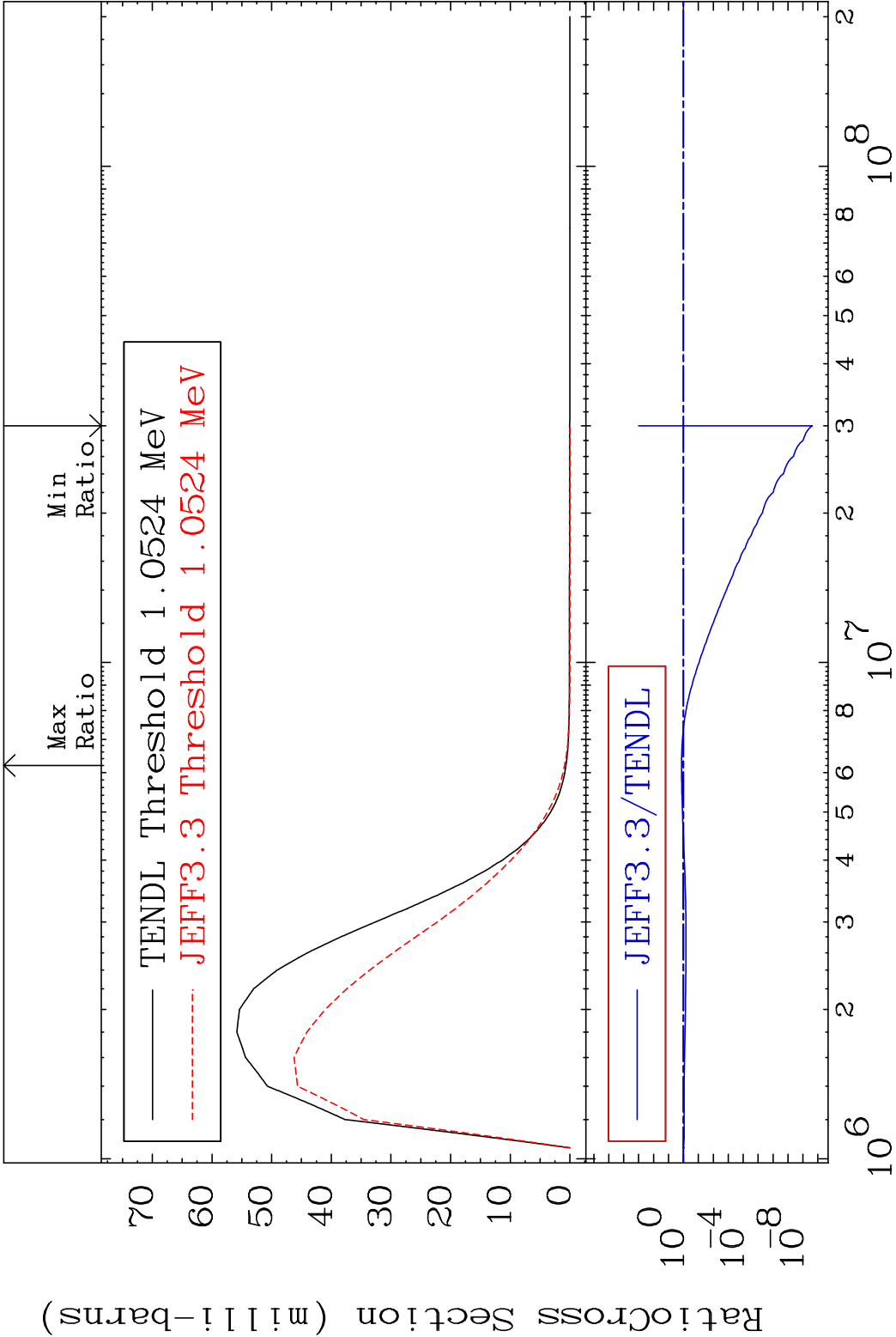
MAT 5325

MT= 65 (n,n') Level

53-I -127

Cross Section

-100.0 To 34.18 %



33

Incident Energy (eV)

53-I -127

MAT 5325

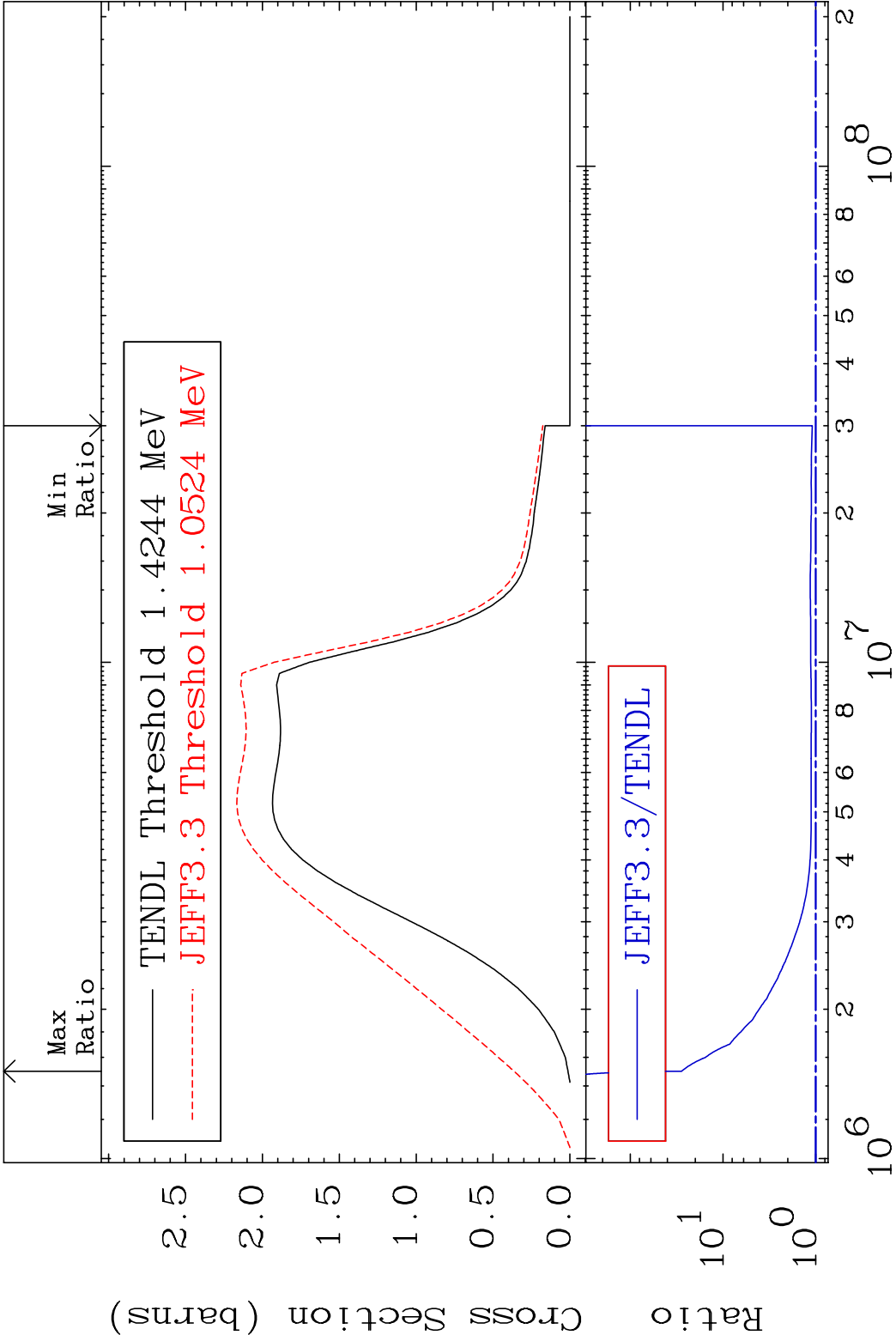
(n,n') Continuum

53-I -127

Cross Section

9.226

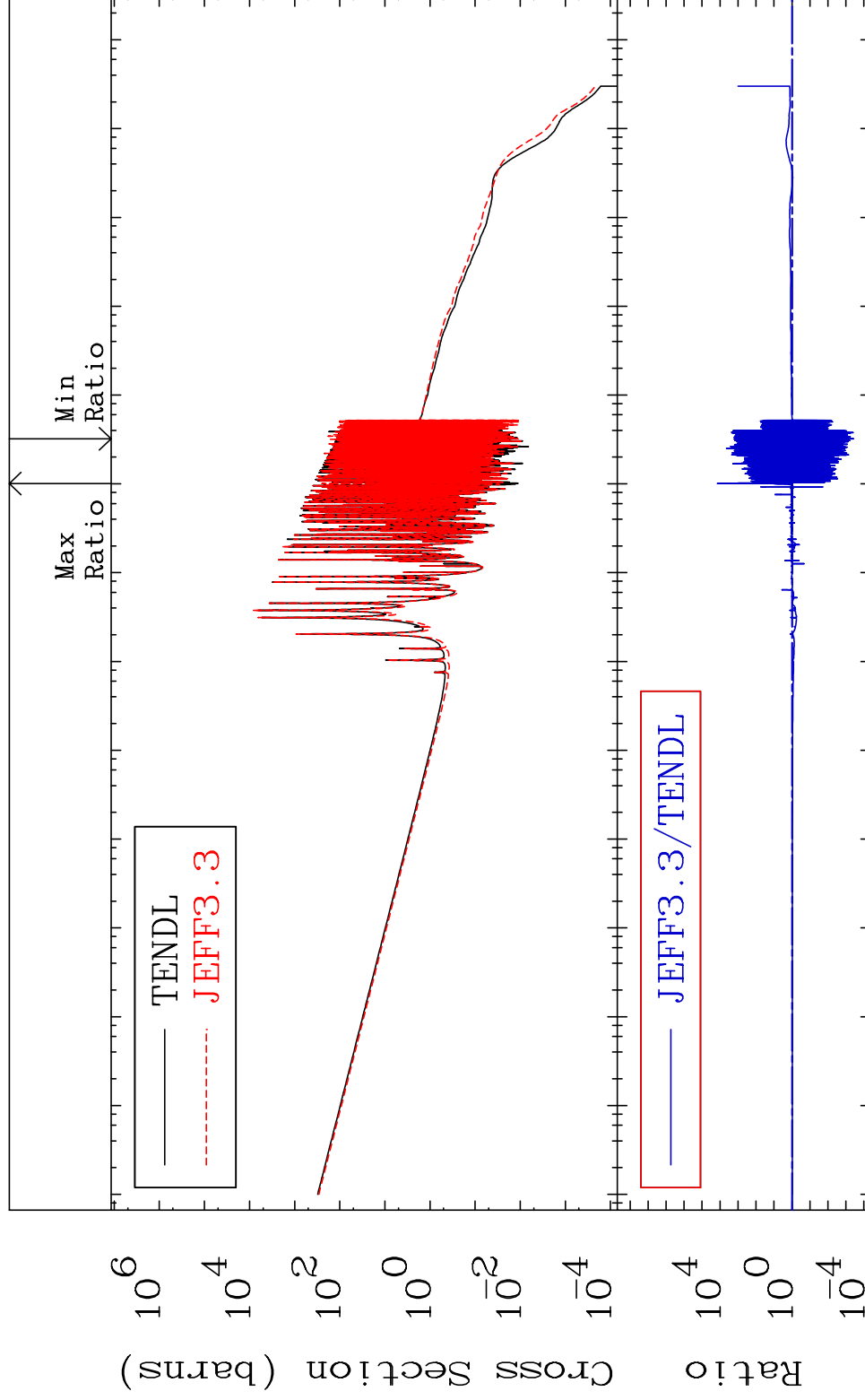
To 2708. %



MAT 5325

(n, γ)

Cross Section 53-I -127
-99.96 To 9999. %



35

Incident Energy (eV)

53-I -127

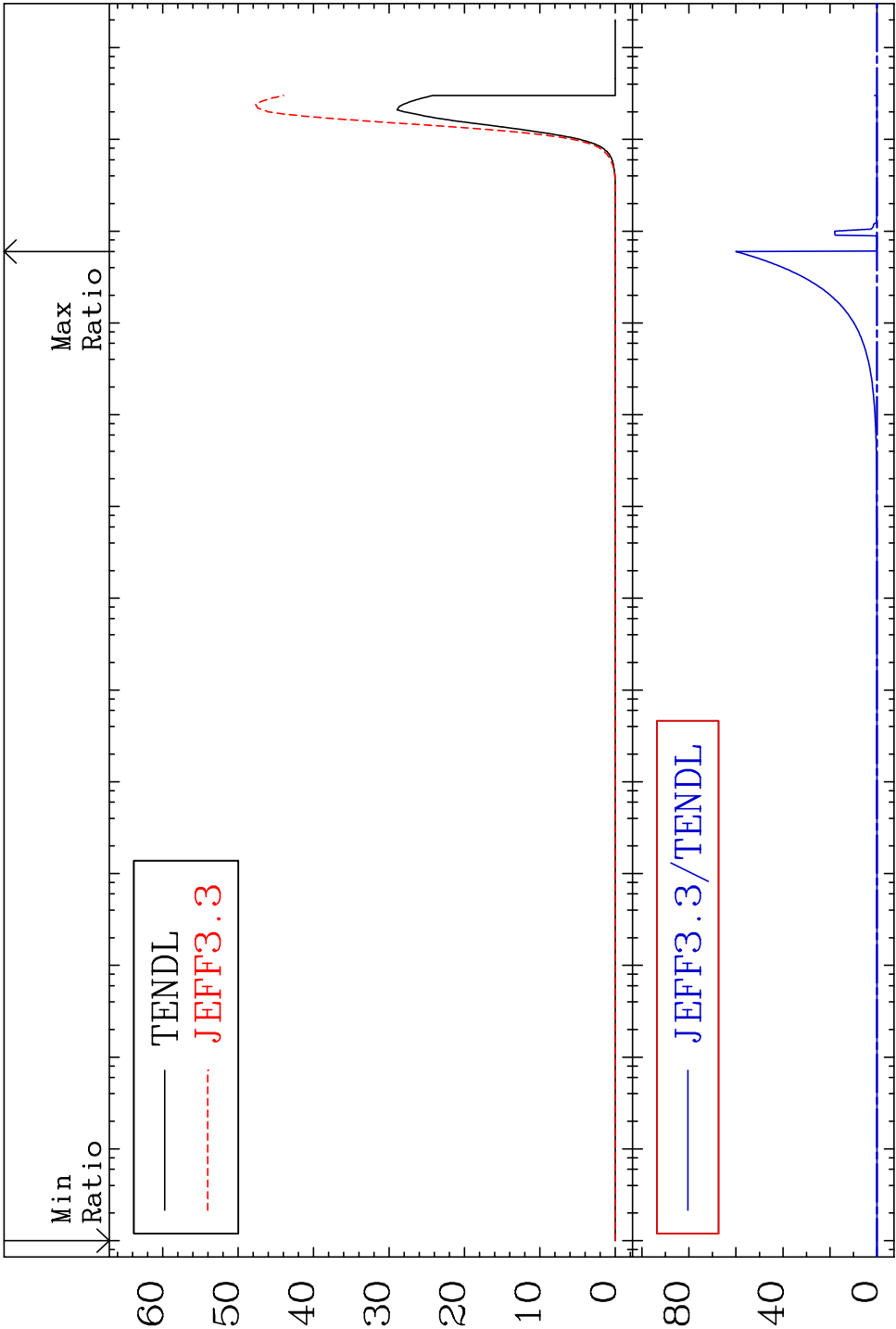
MAT 5325

(n,p)

53-I -127

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)

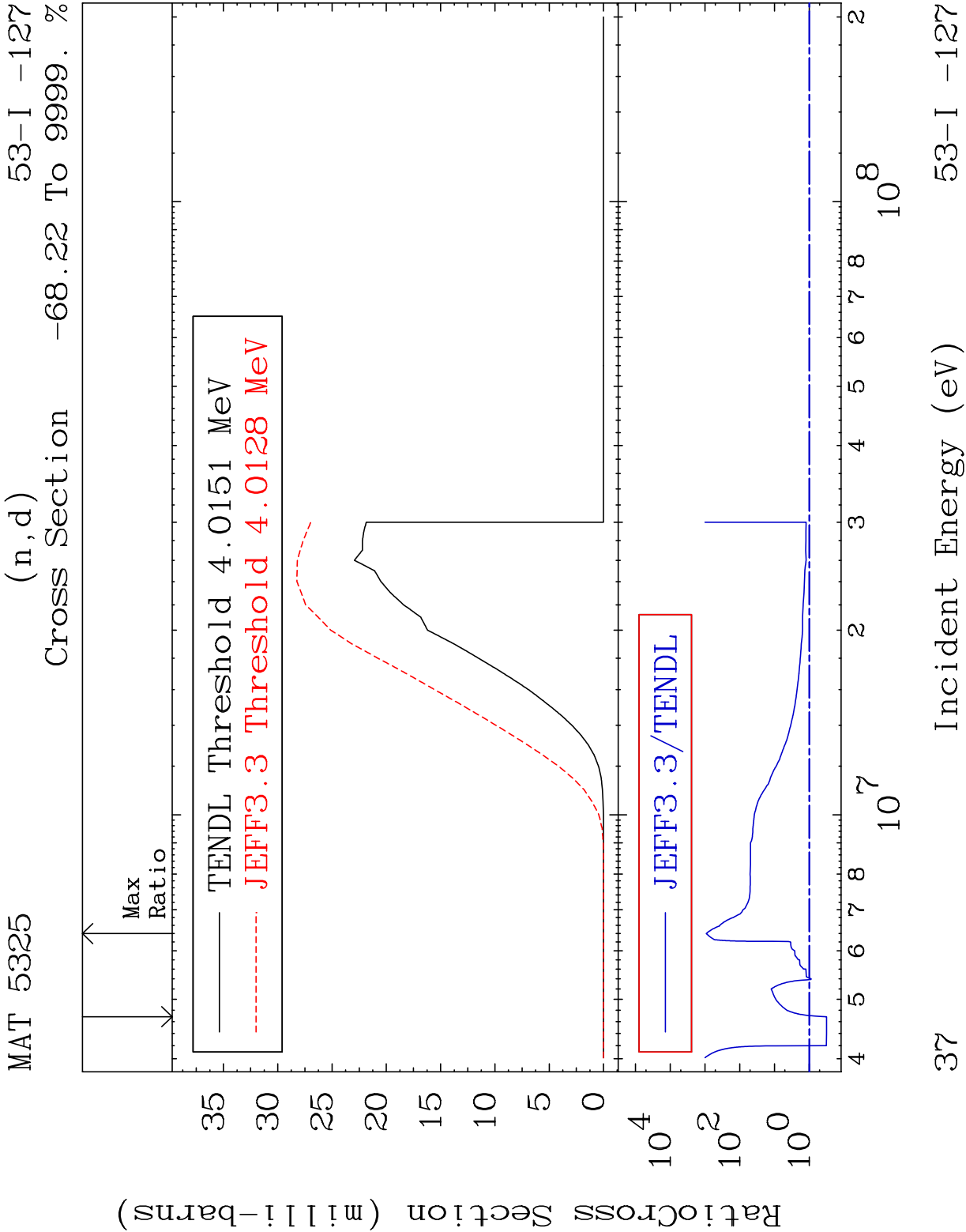


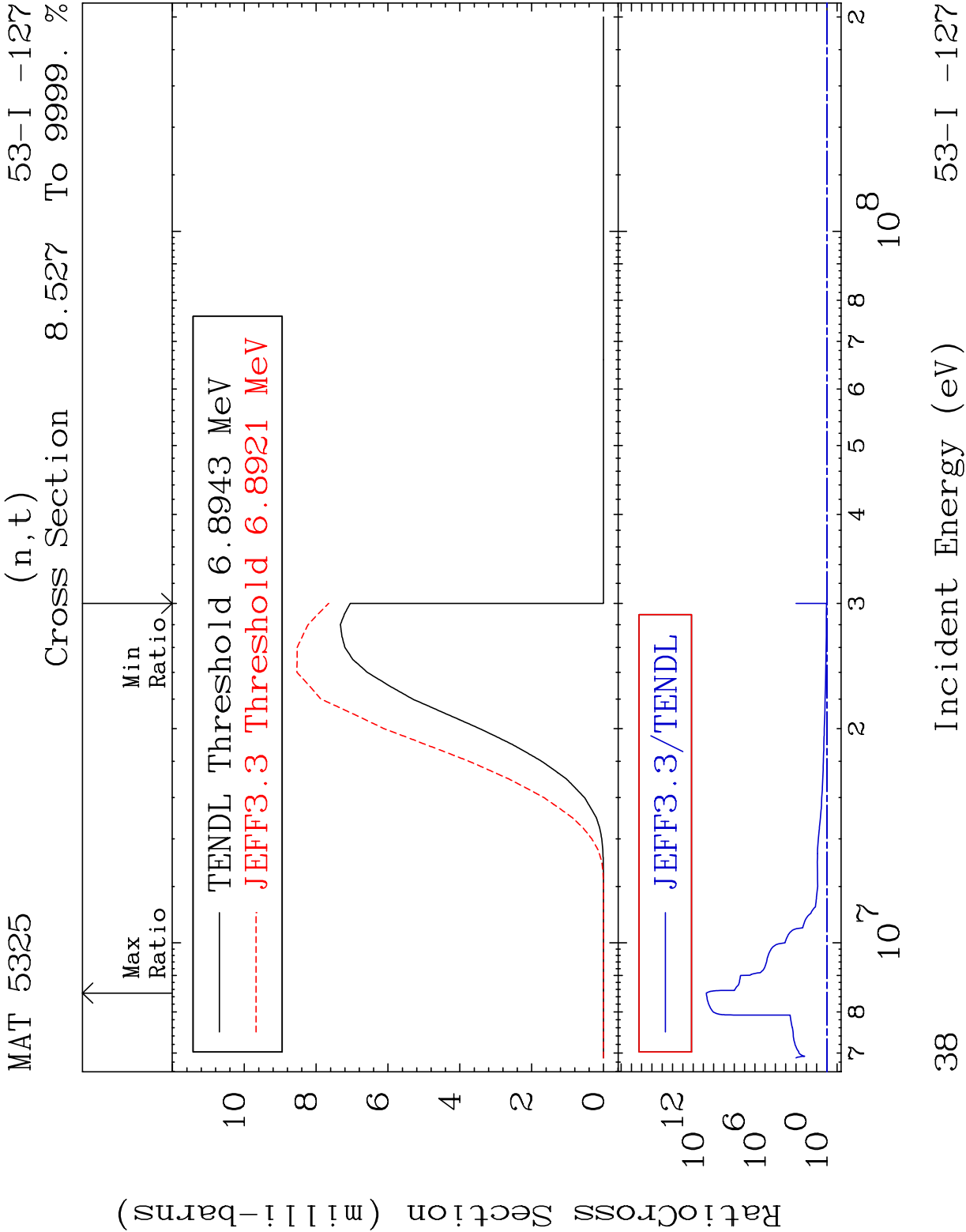
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

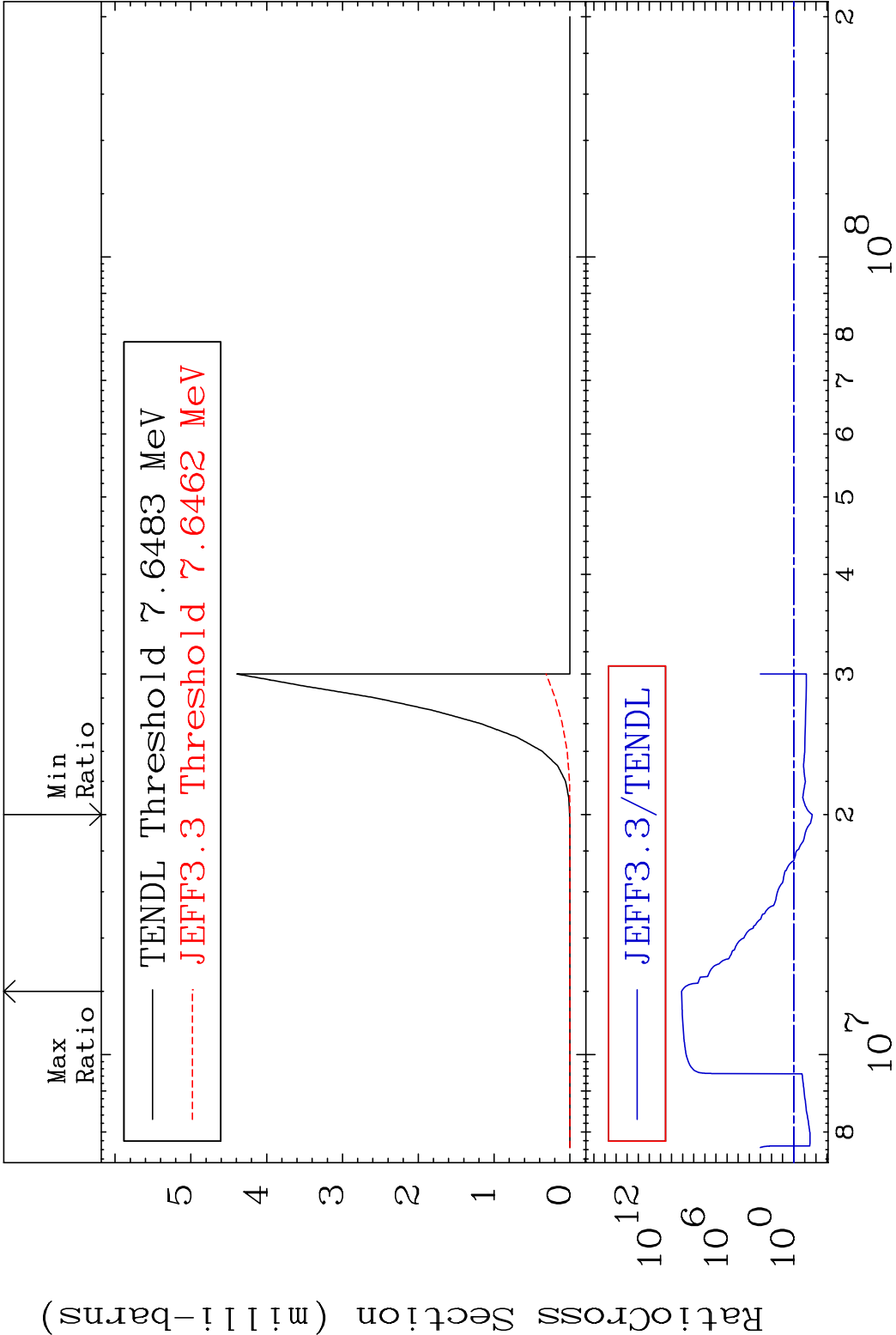
36

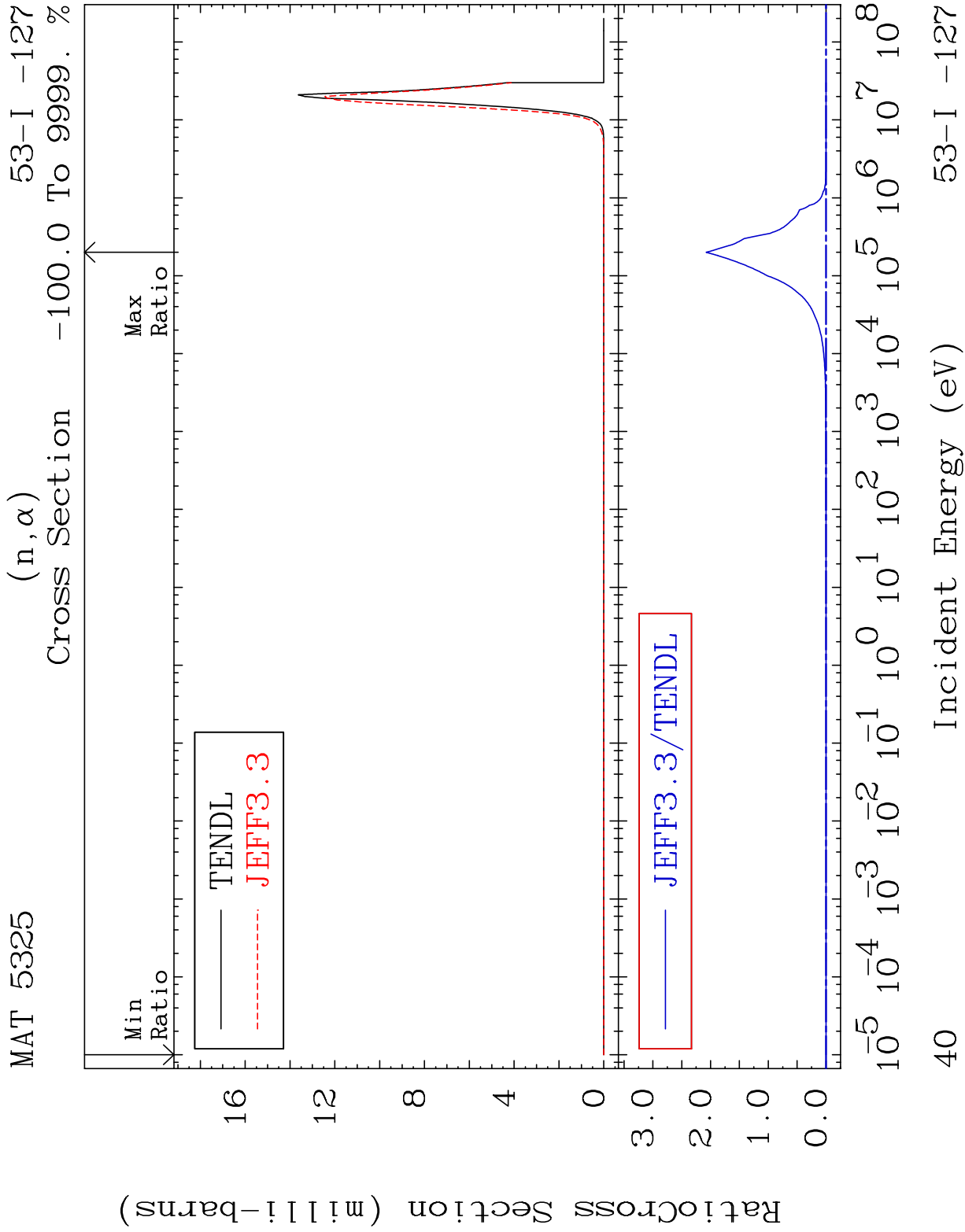
Incident Energy (eV)

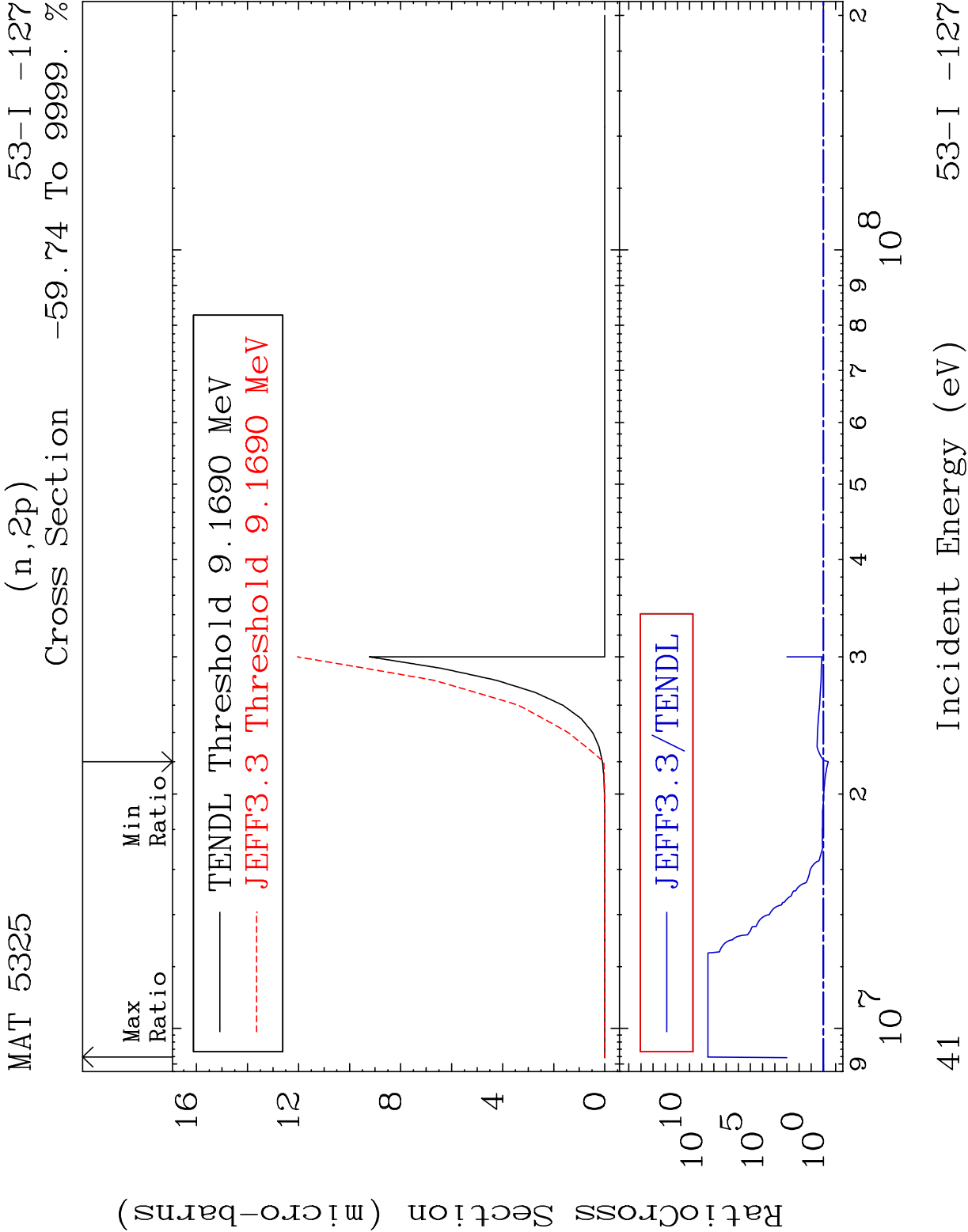
53-I -127

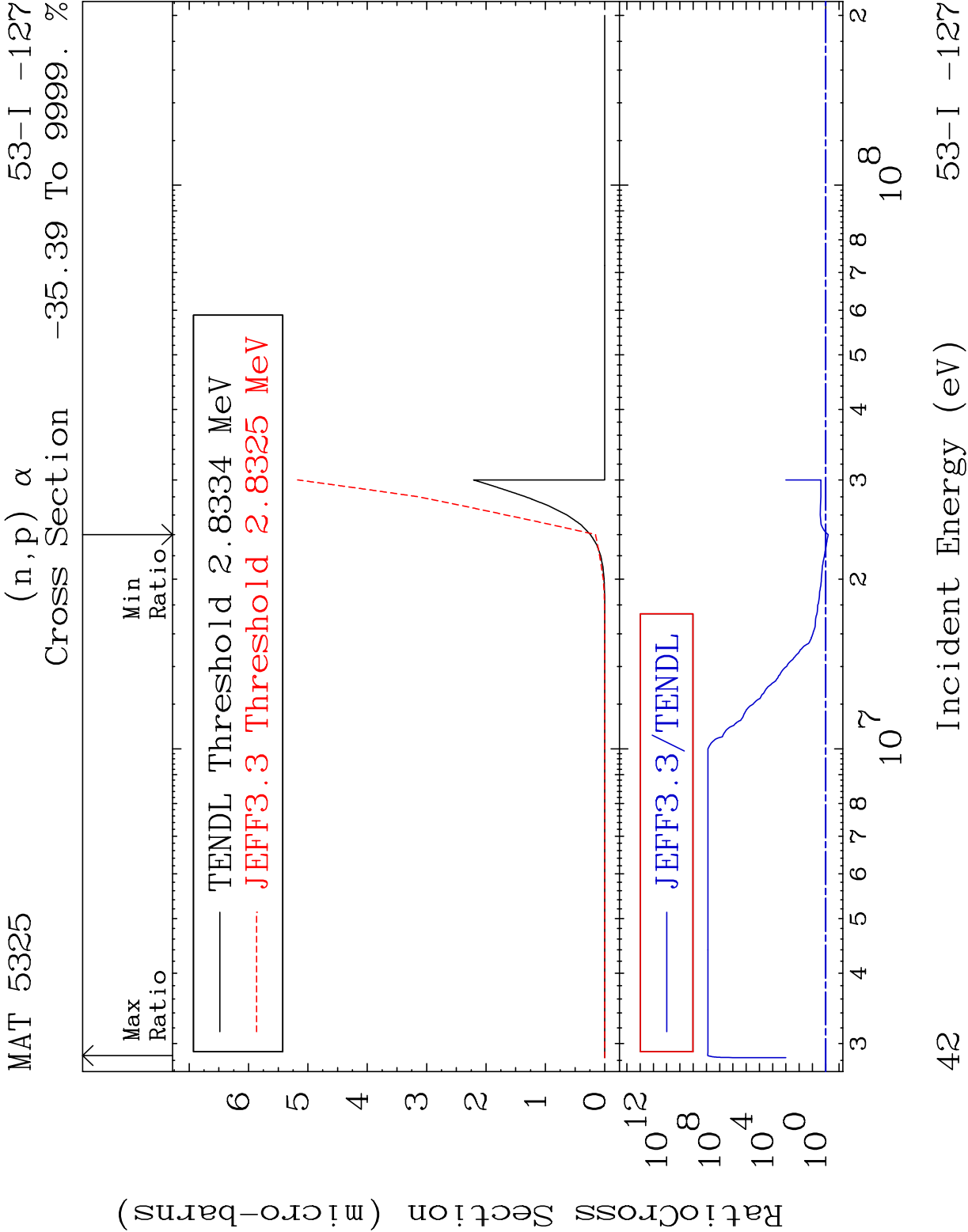


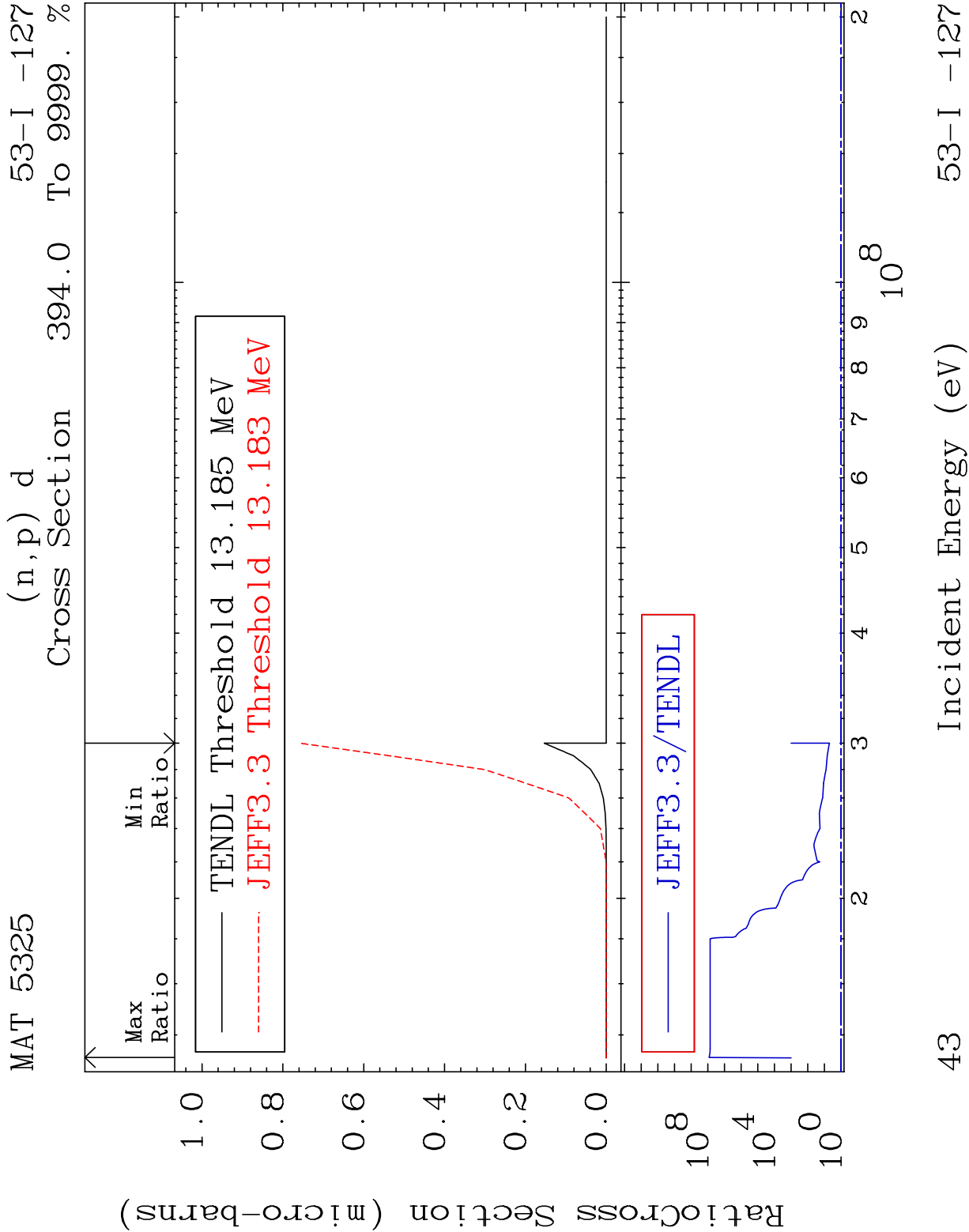


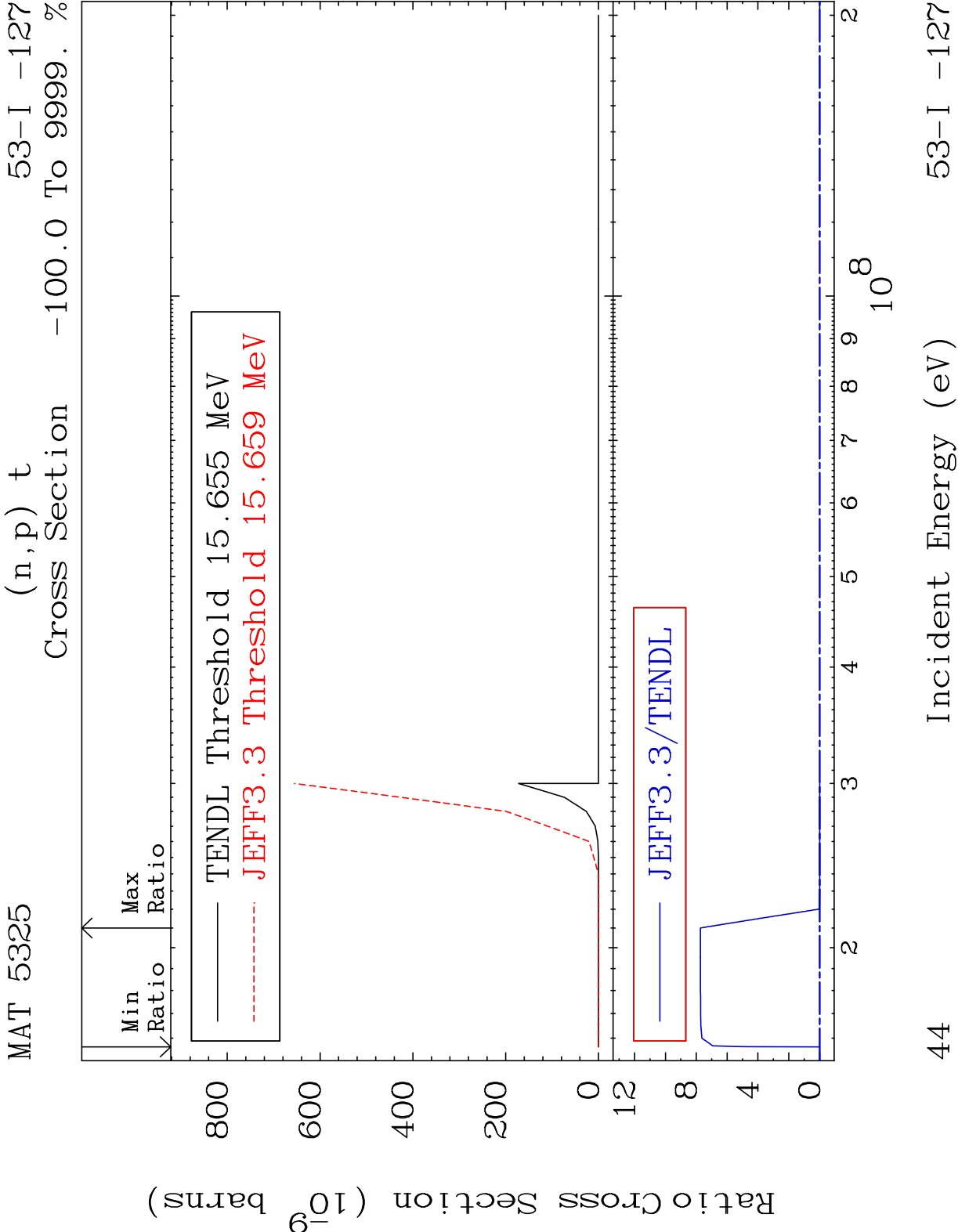










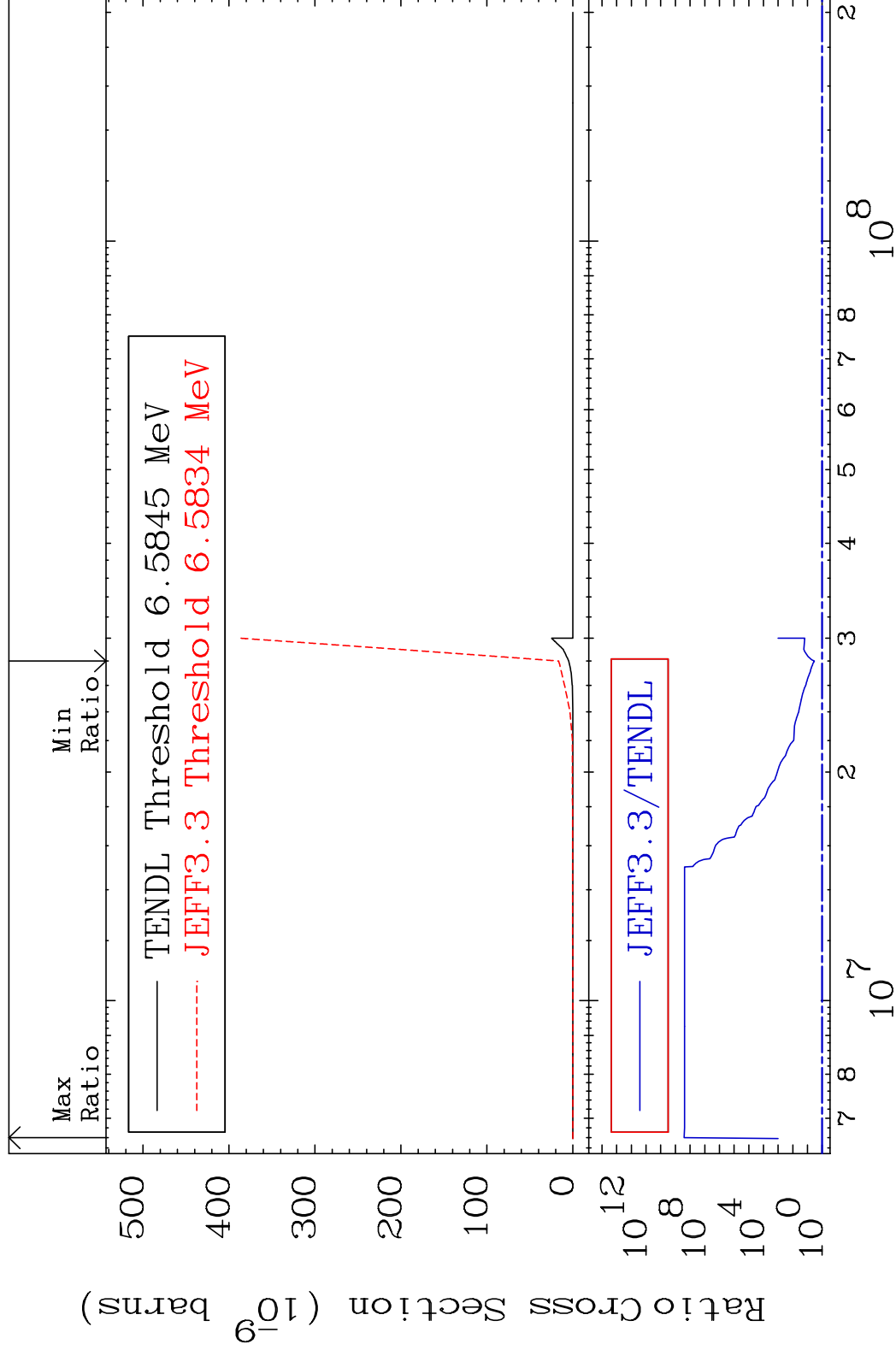


MAT 5325

 $(n, d) \propto$

53-I -127

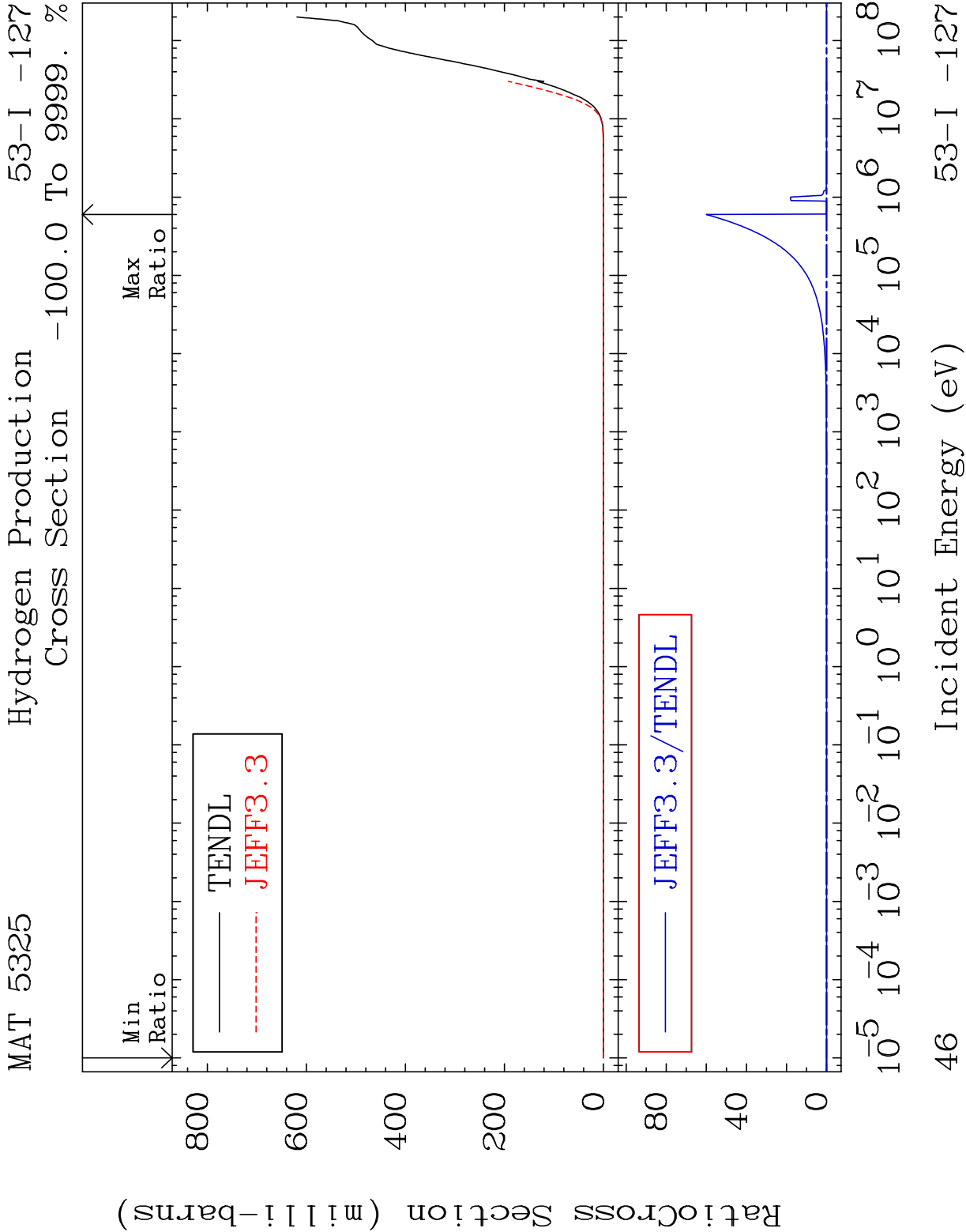
Cross Section 244.4 To 9999. %

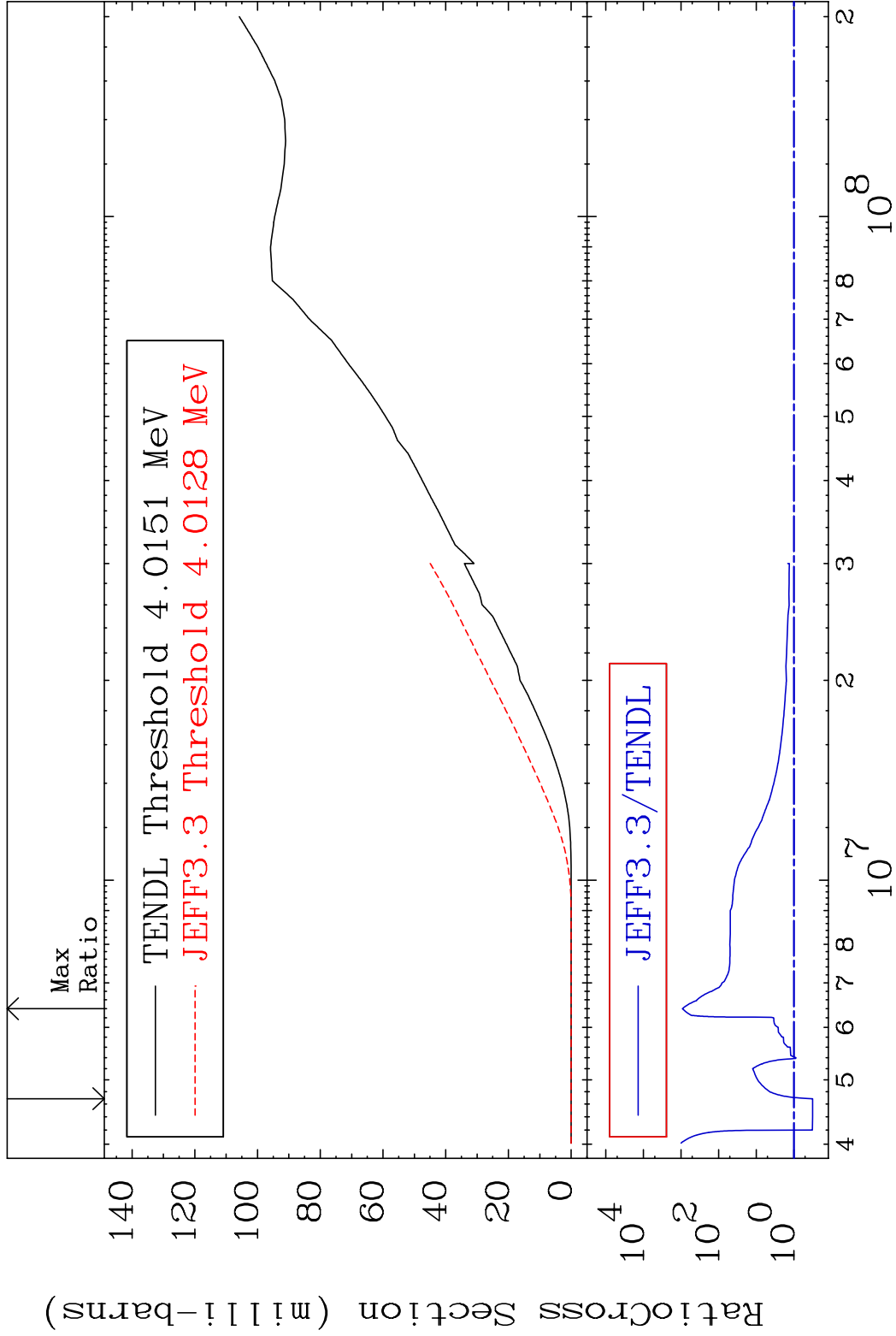


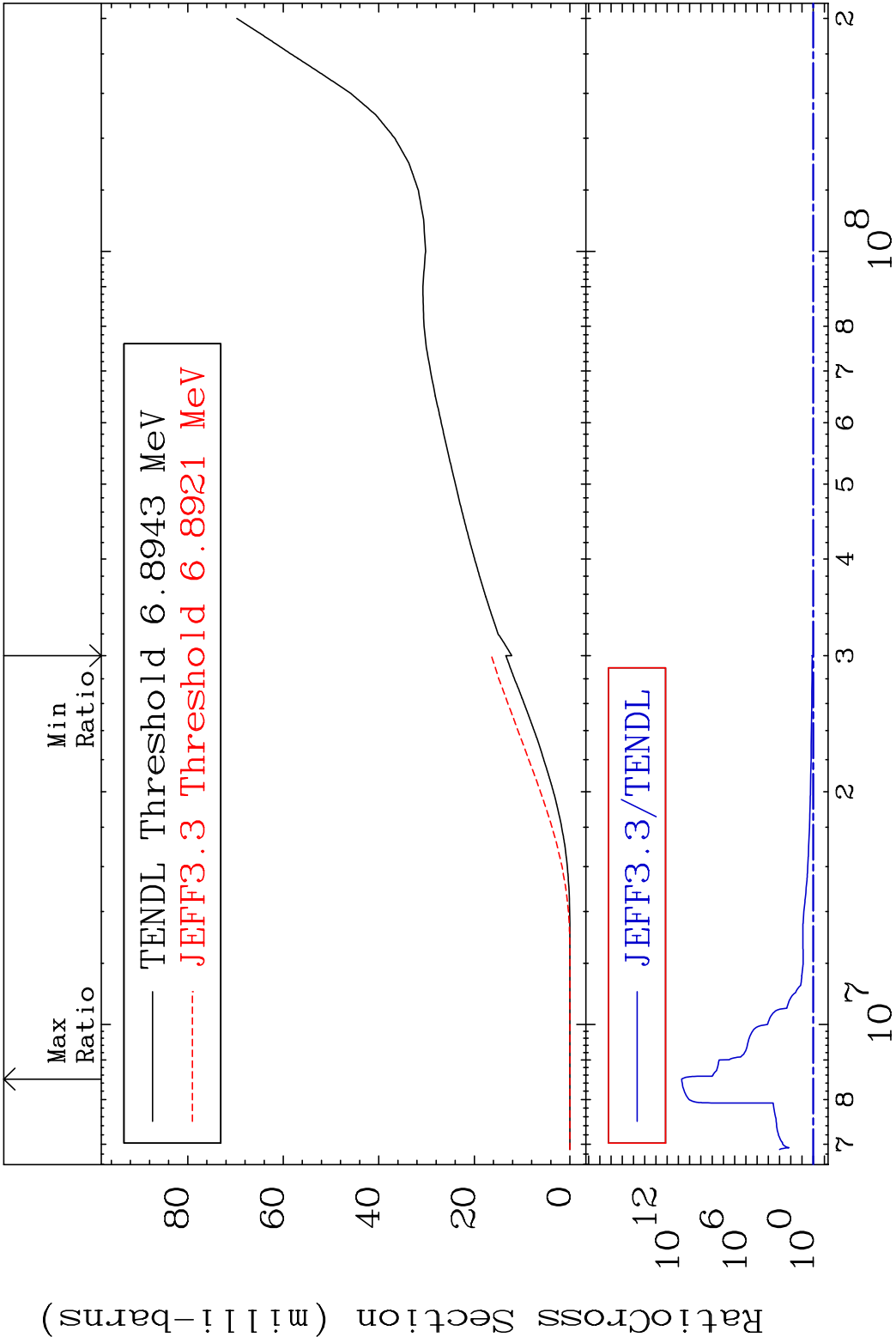
45

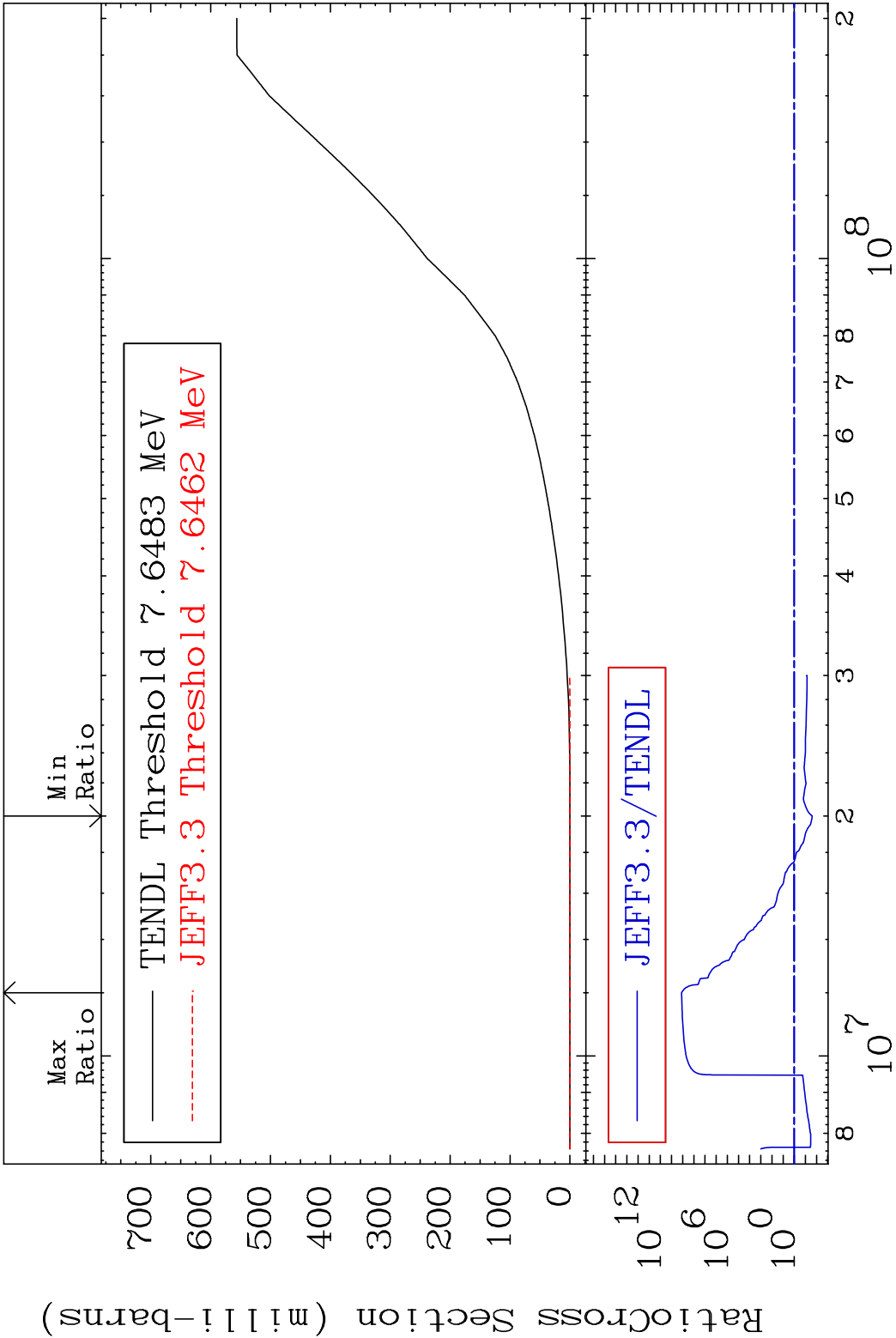
Incident Energy (eV)

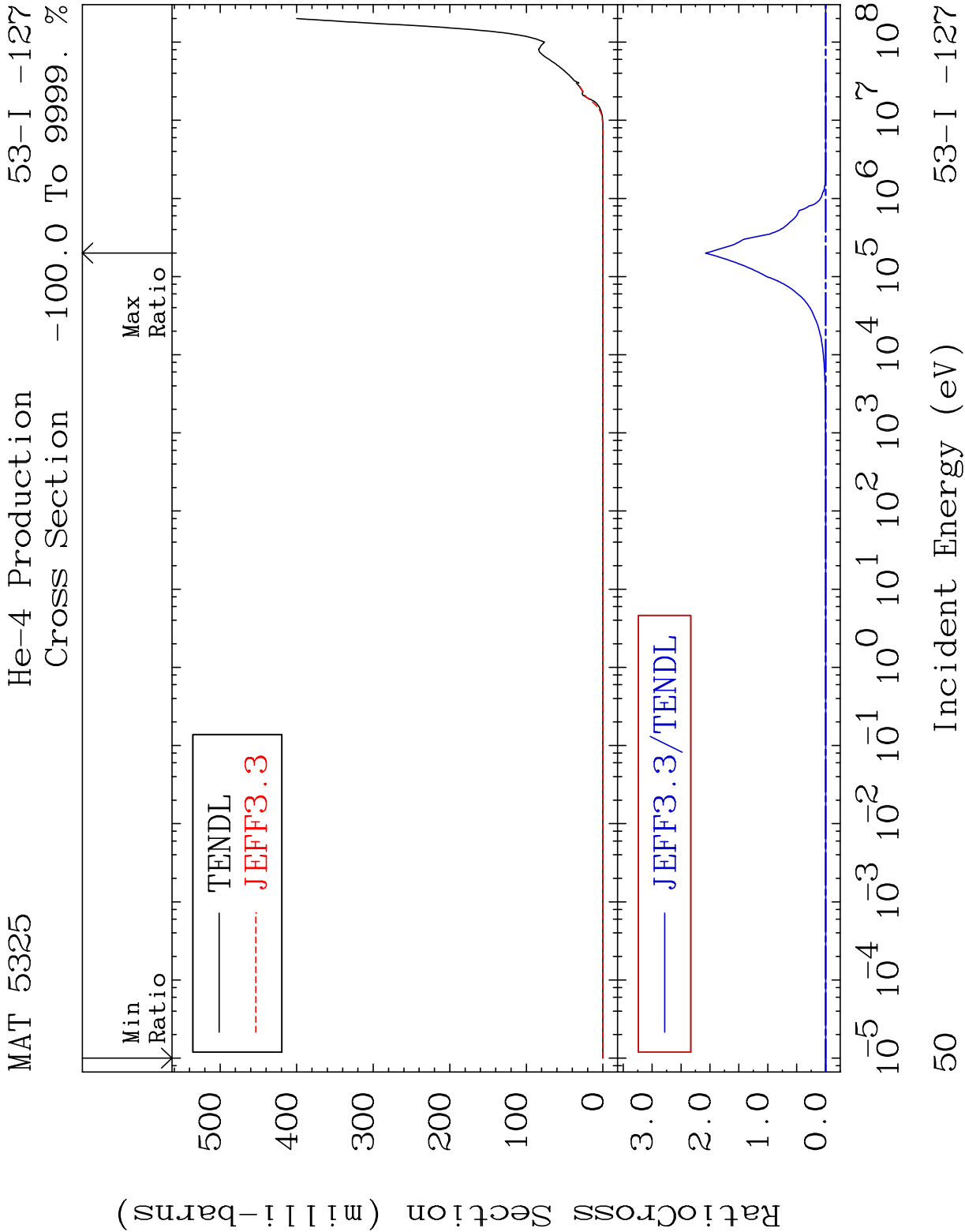
53-I -127





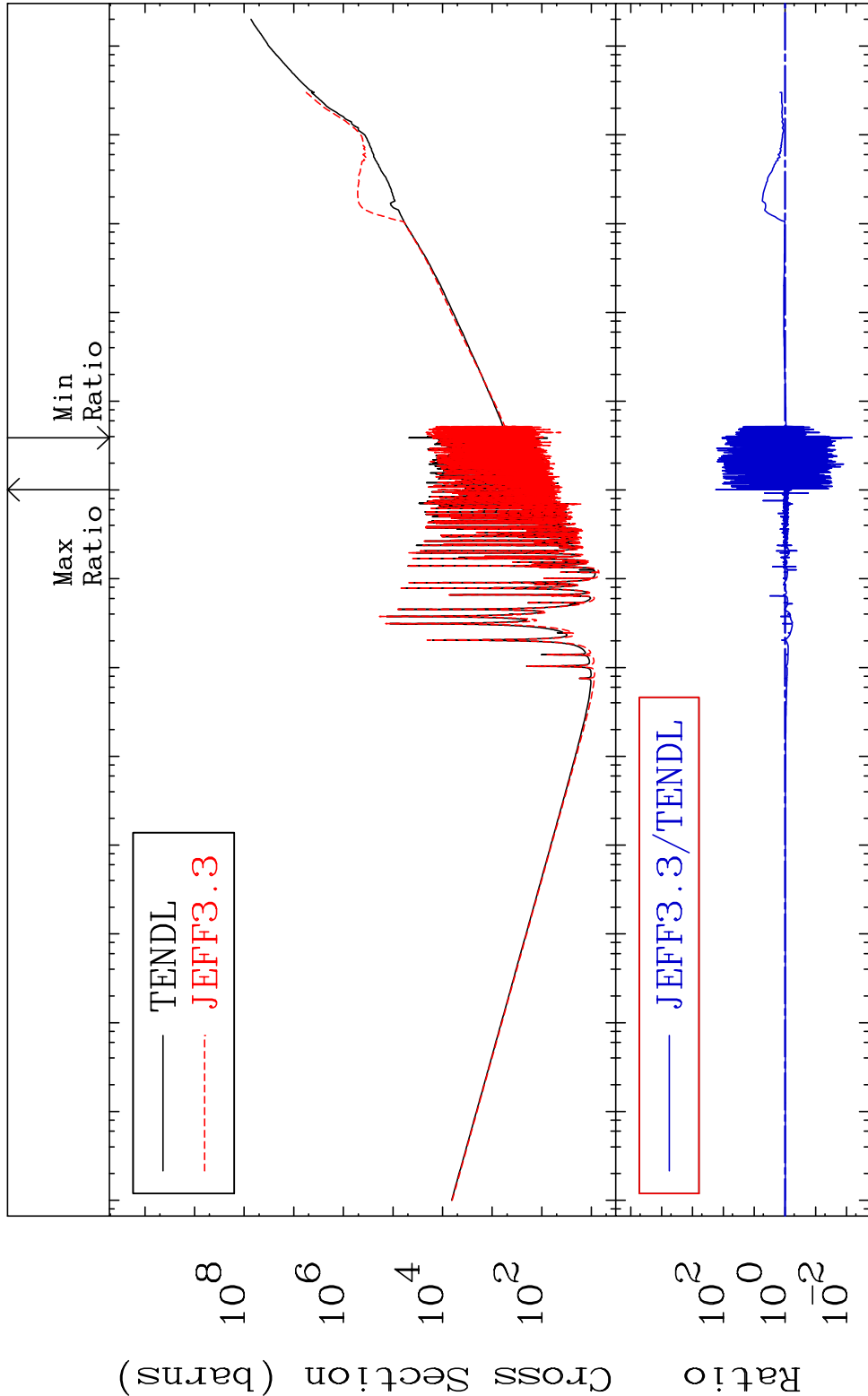






MAT 5325 Kerma total (eV-barns) 53-I -127

Cross Section -99.34 To 9999. %

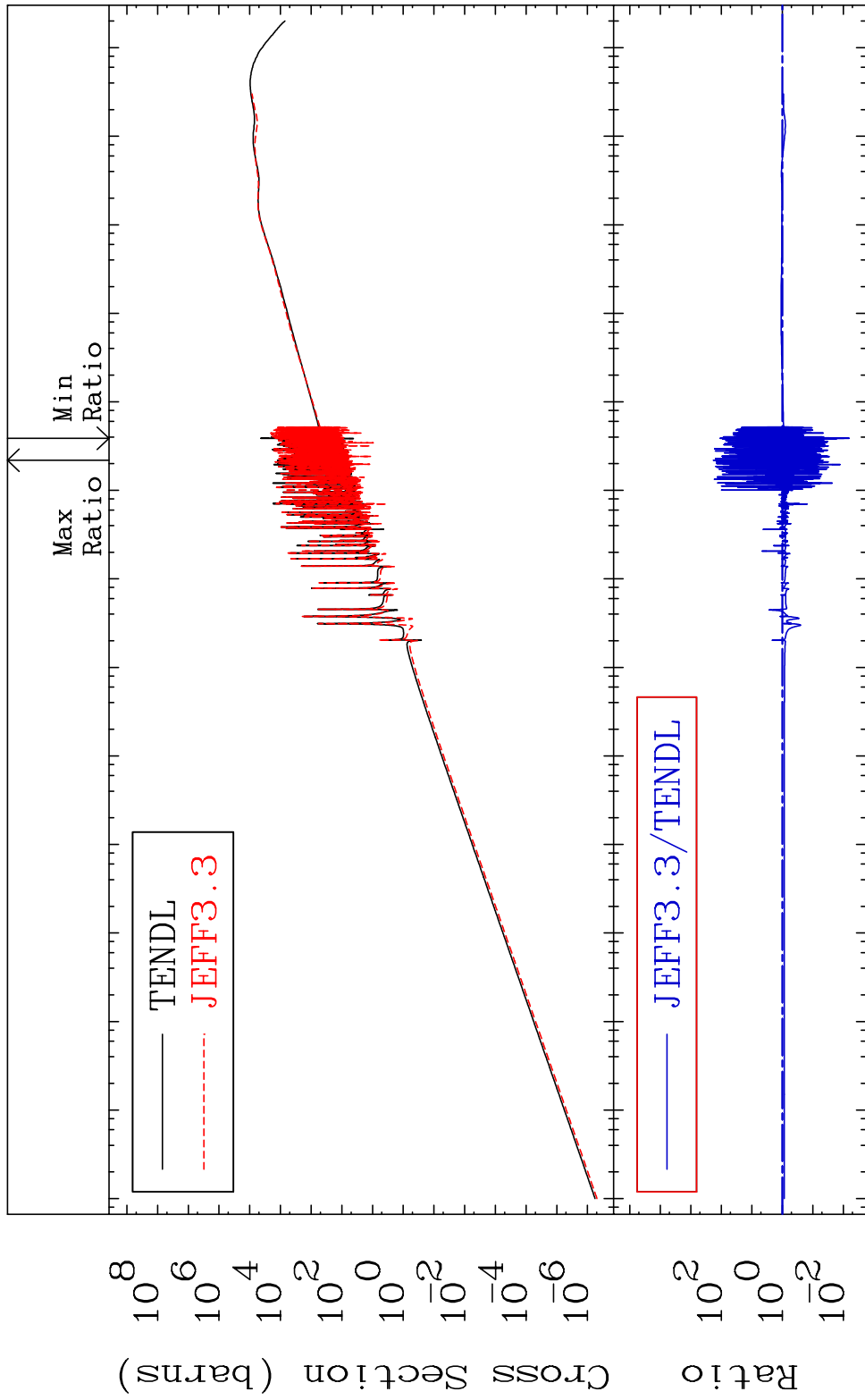


51 Incident Energy (eV) 53-I -127

MAT 5325

Kerma elastic
Cross Section

53-I -127
-99.36 To 9999. %

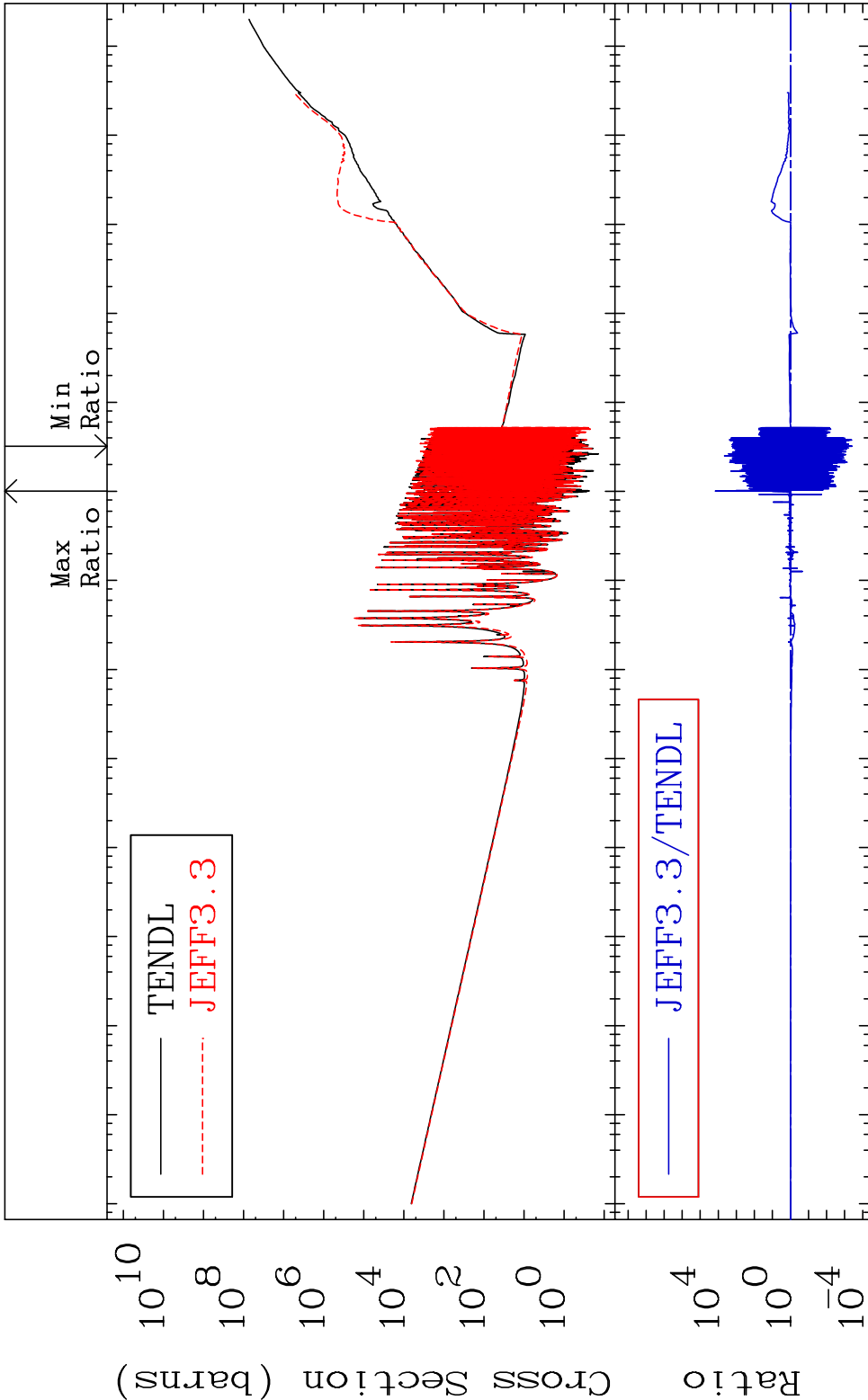


52

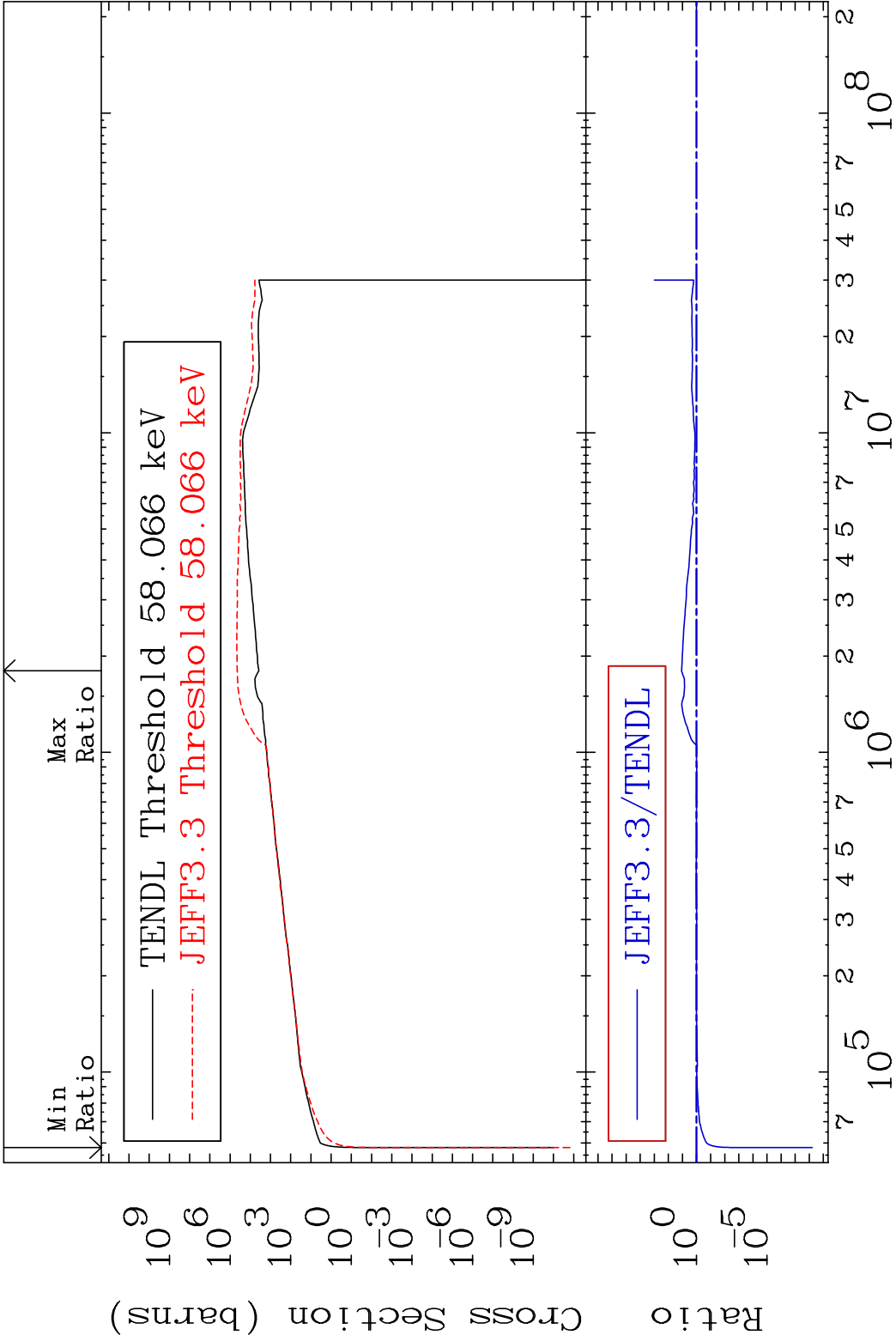
Incident Energy (eV)

53-I -127

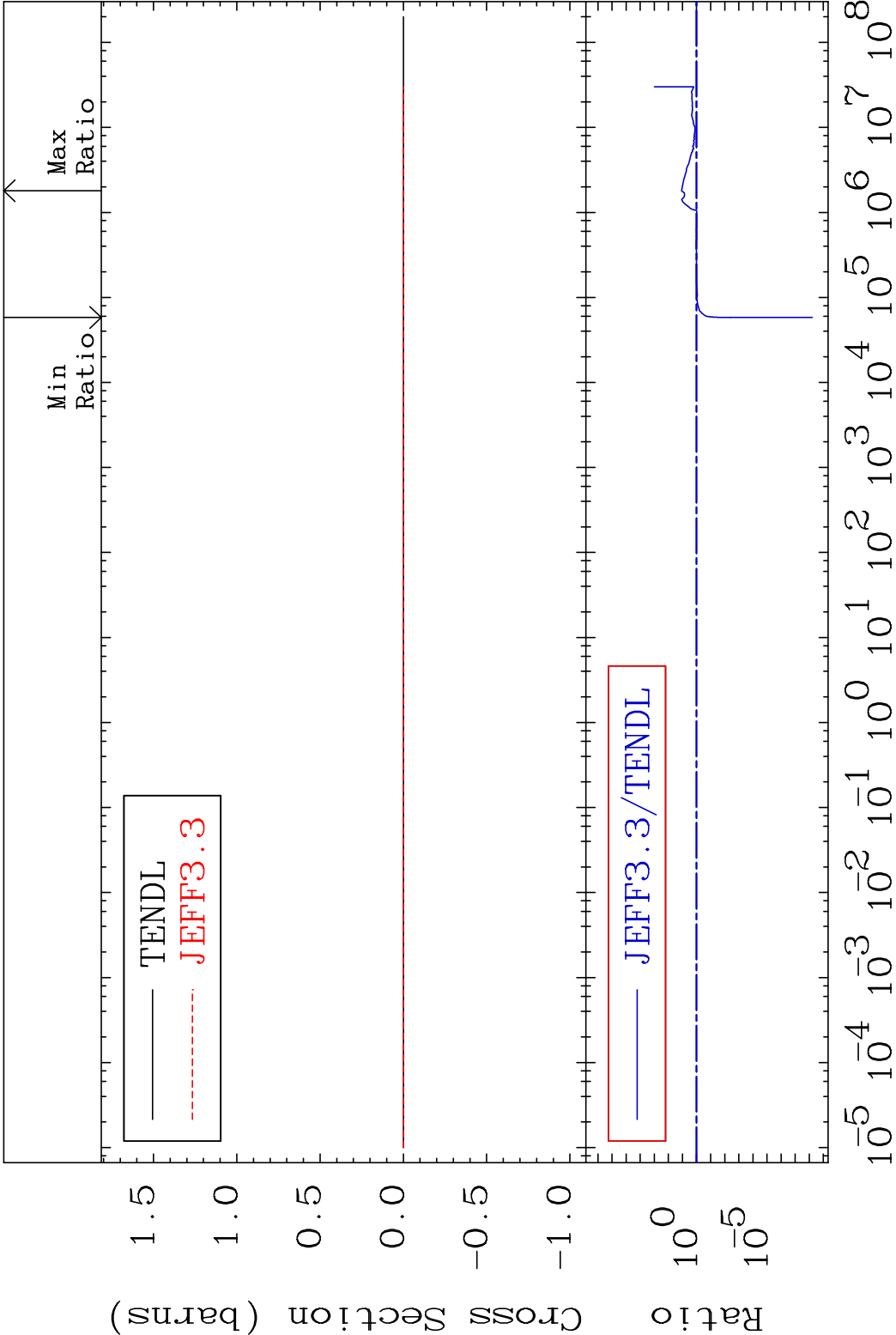
MAT 5325 Kerma non-elastic (all but mt2) 53-I -127
Cross Section -99.96 To 9999. %



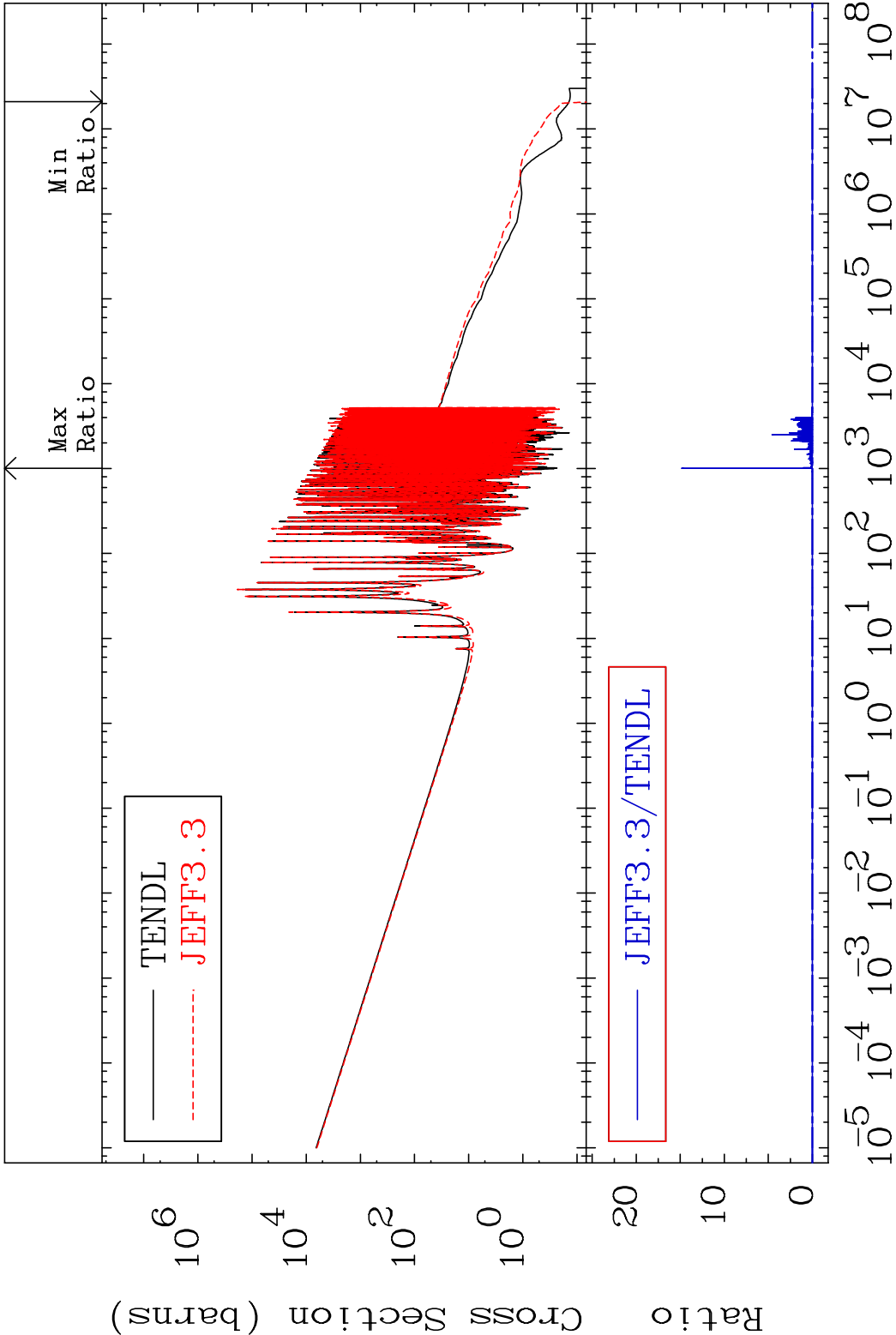
53 Incident Energy (eV) 53-I -127



MAT 5325 Kerma fission (mt18 or mt19-20-21-38)53-I -127
Cross Section -100.0 To 1066. %

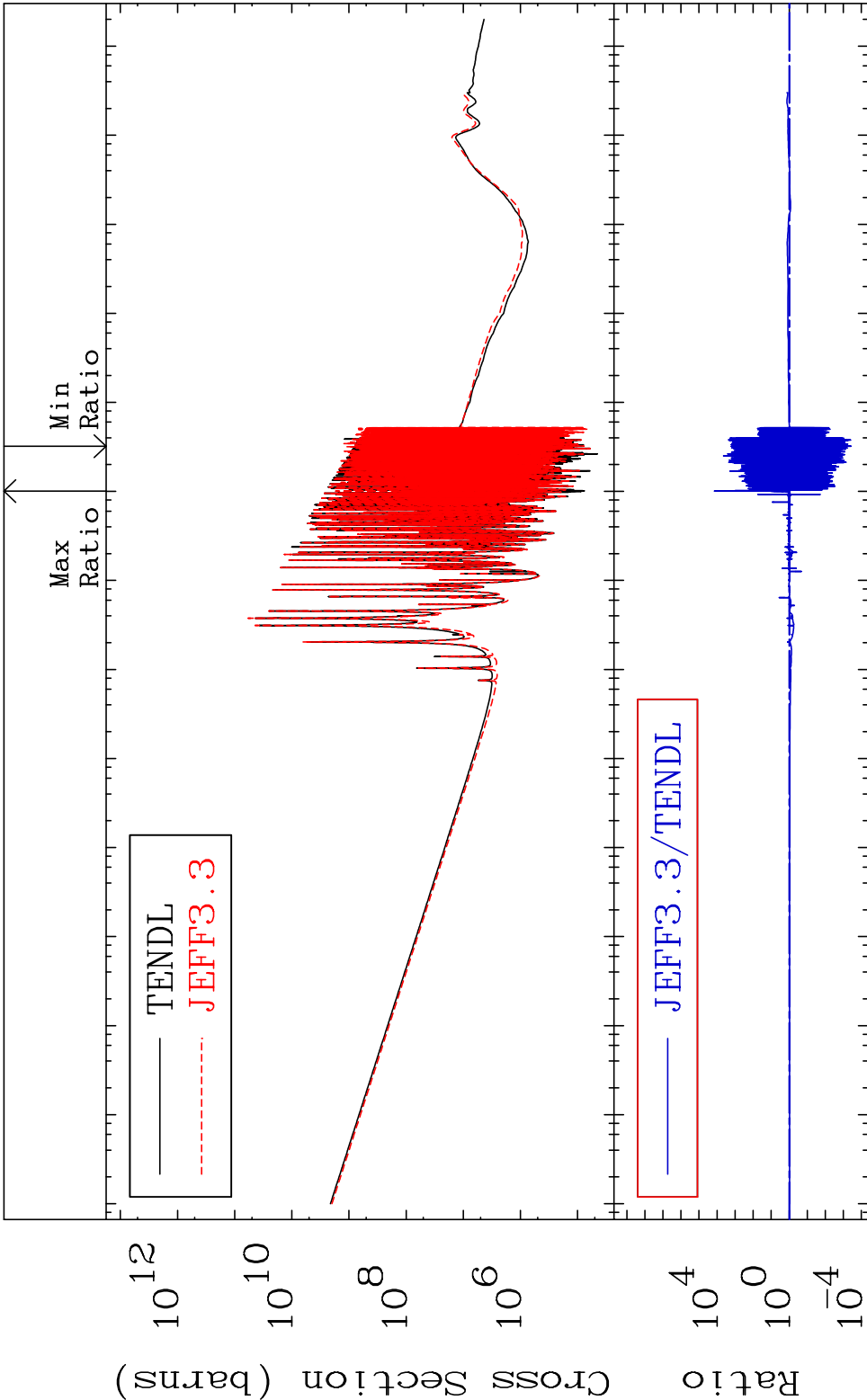


MAT 5325 Kerma capture (mt102) 53-I -127
Cross Section -100.0 To 9999. %



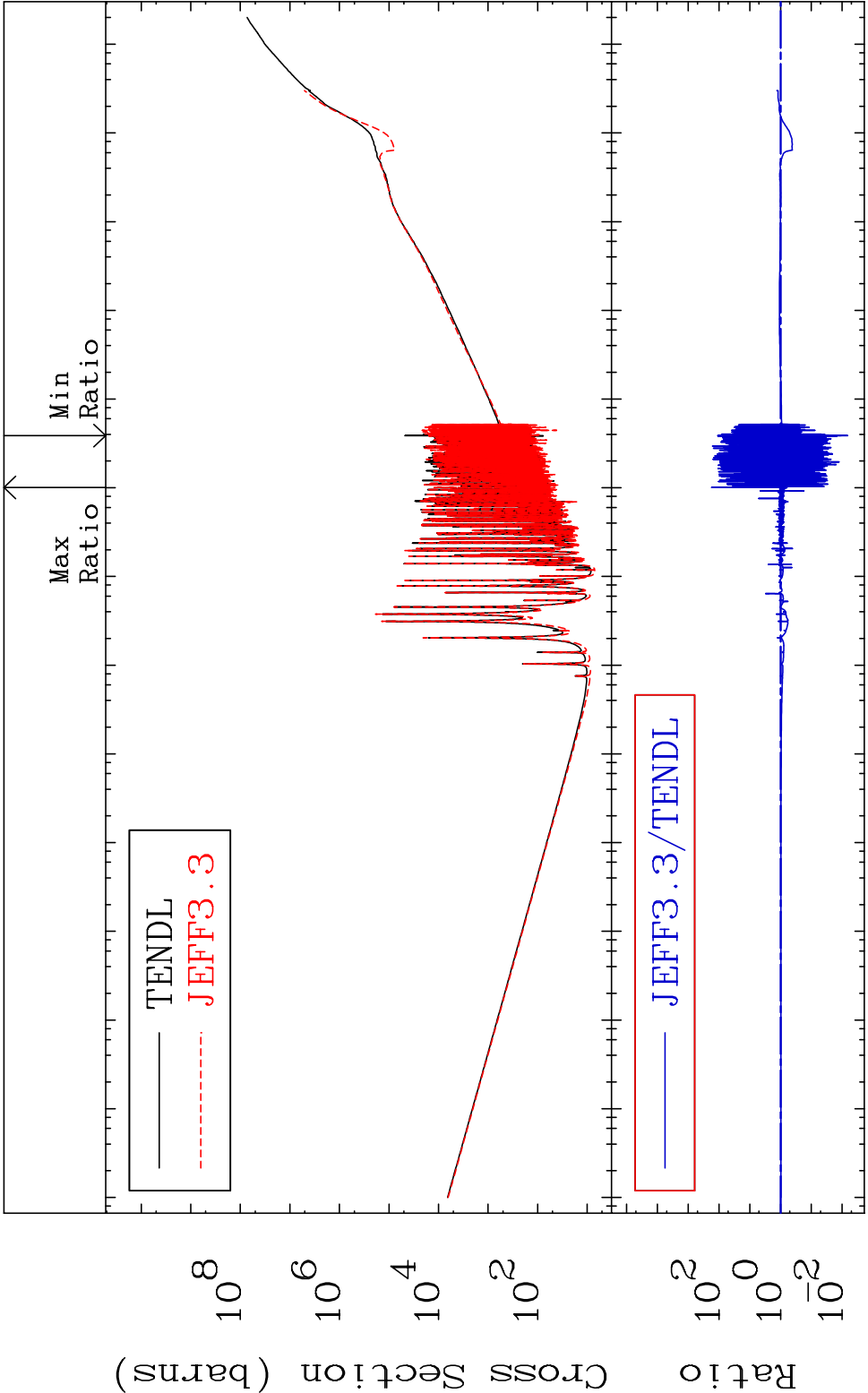
56 Incident Energy (eV) 53-I -127

MAT 5325 Total photon (eV-barns) 53-I -127
Cross Section -99.96 To 9999. %

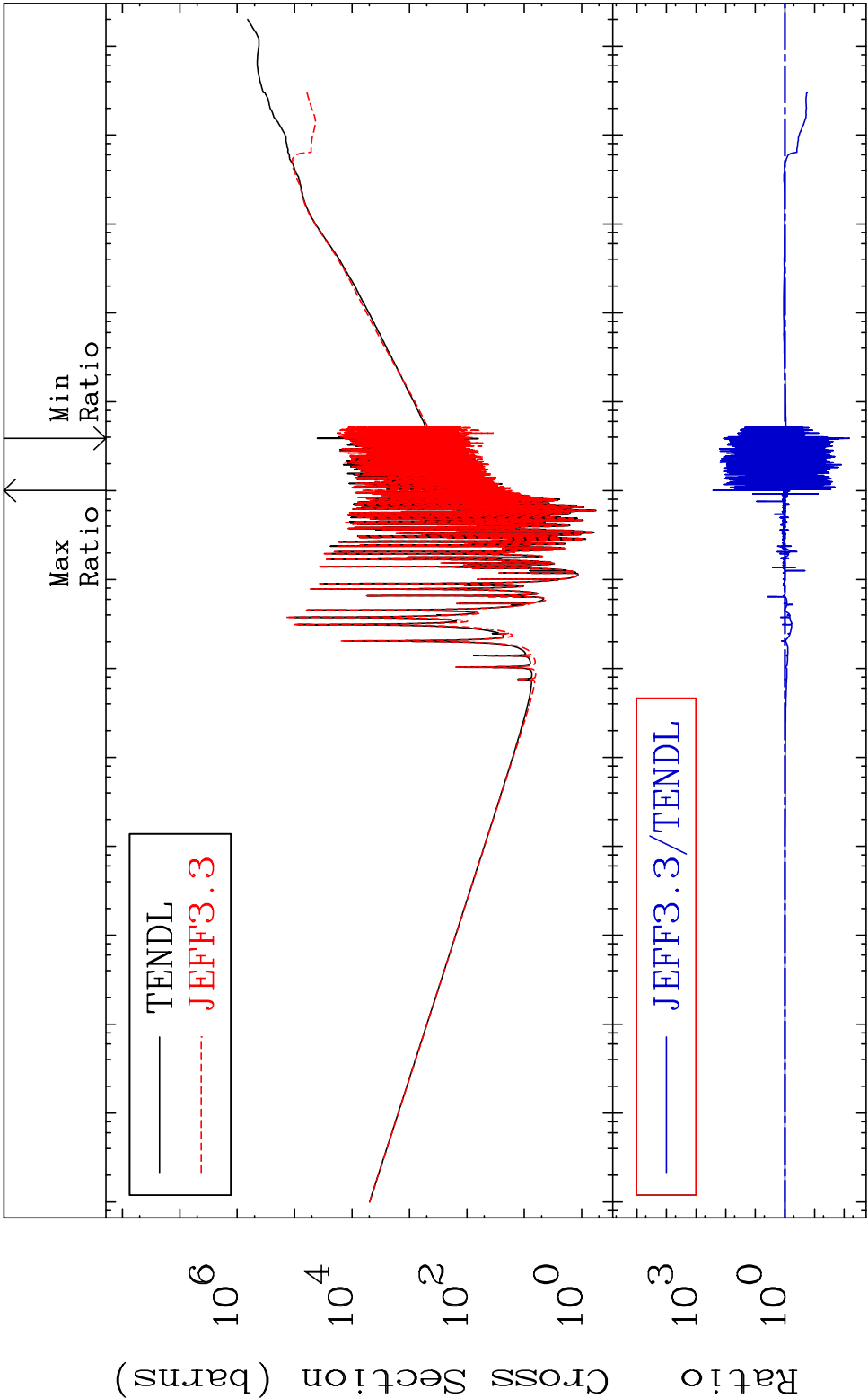


57 Incident Energy (eV) 53-I -127

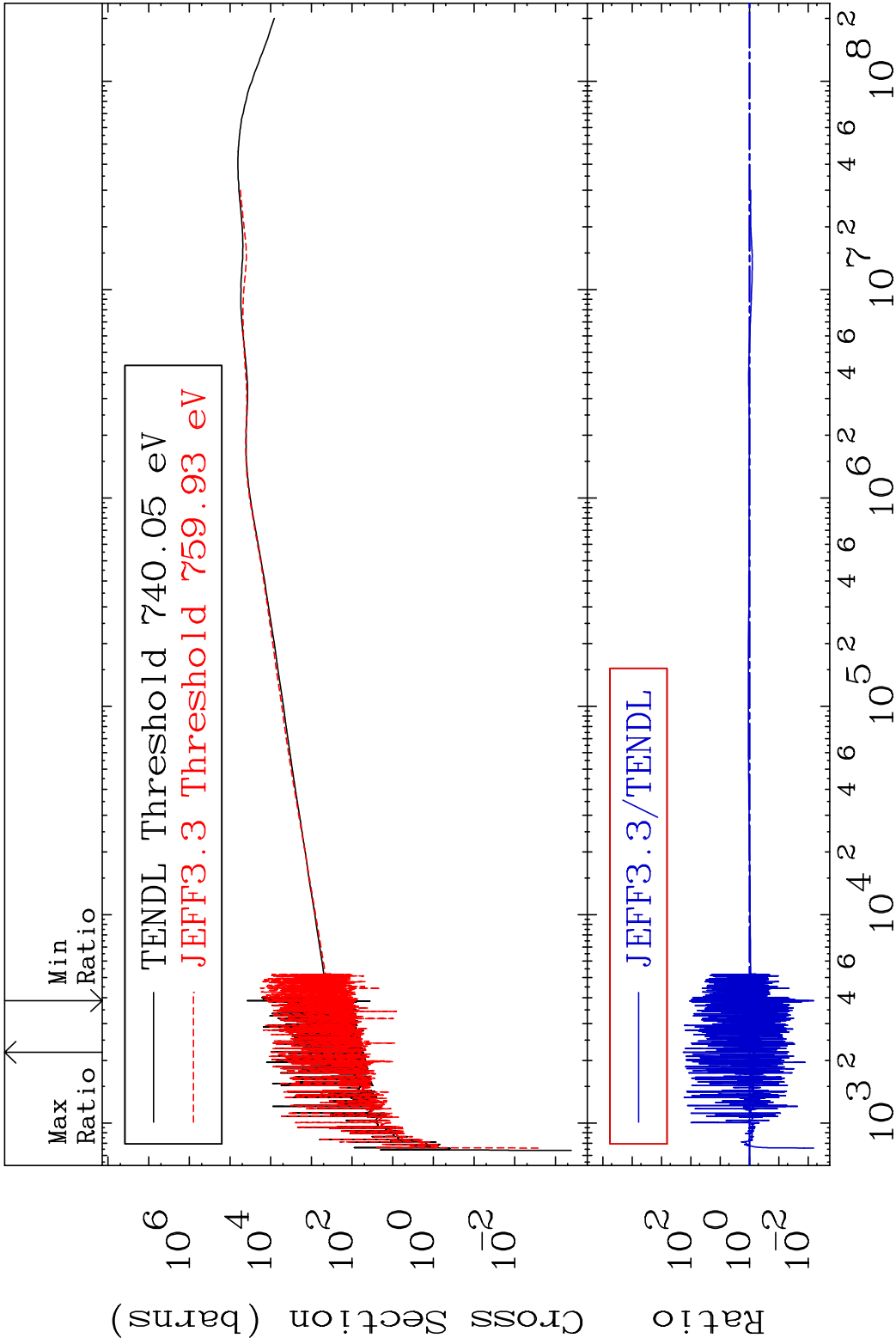
MAT 5325 Total kinematic kerma (high limit) 53-I -127
Cross Section -99.34 To 9999. %



MAT 5325 Dpa total (eV-barns) 53-I -127
 Cross Section -99.34 To 9999. %

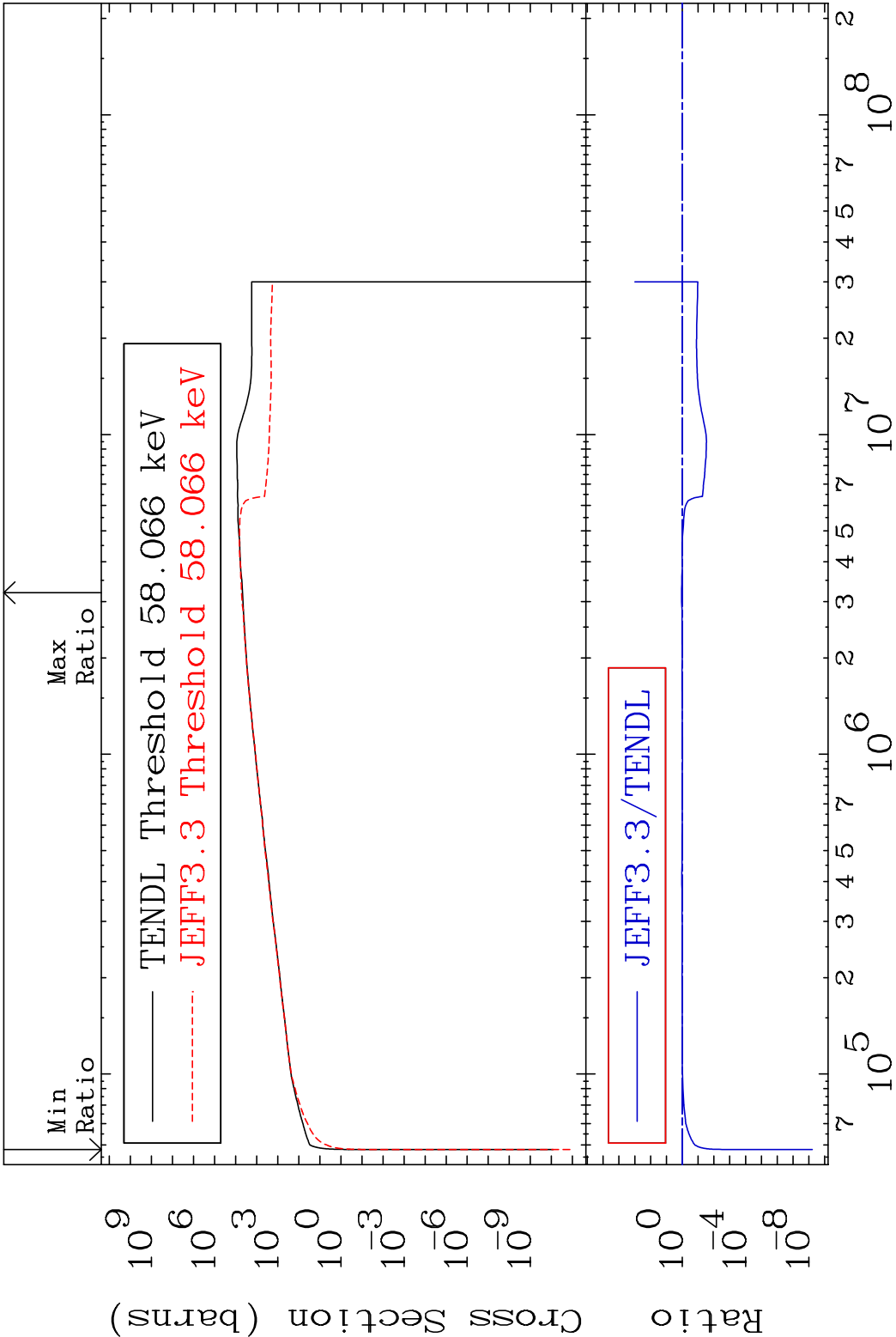


MAT 5325 Dpa elastic (mt2) 53-I -127
Cross Section -99.36 To 9999. %

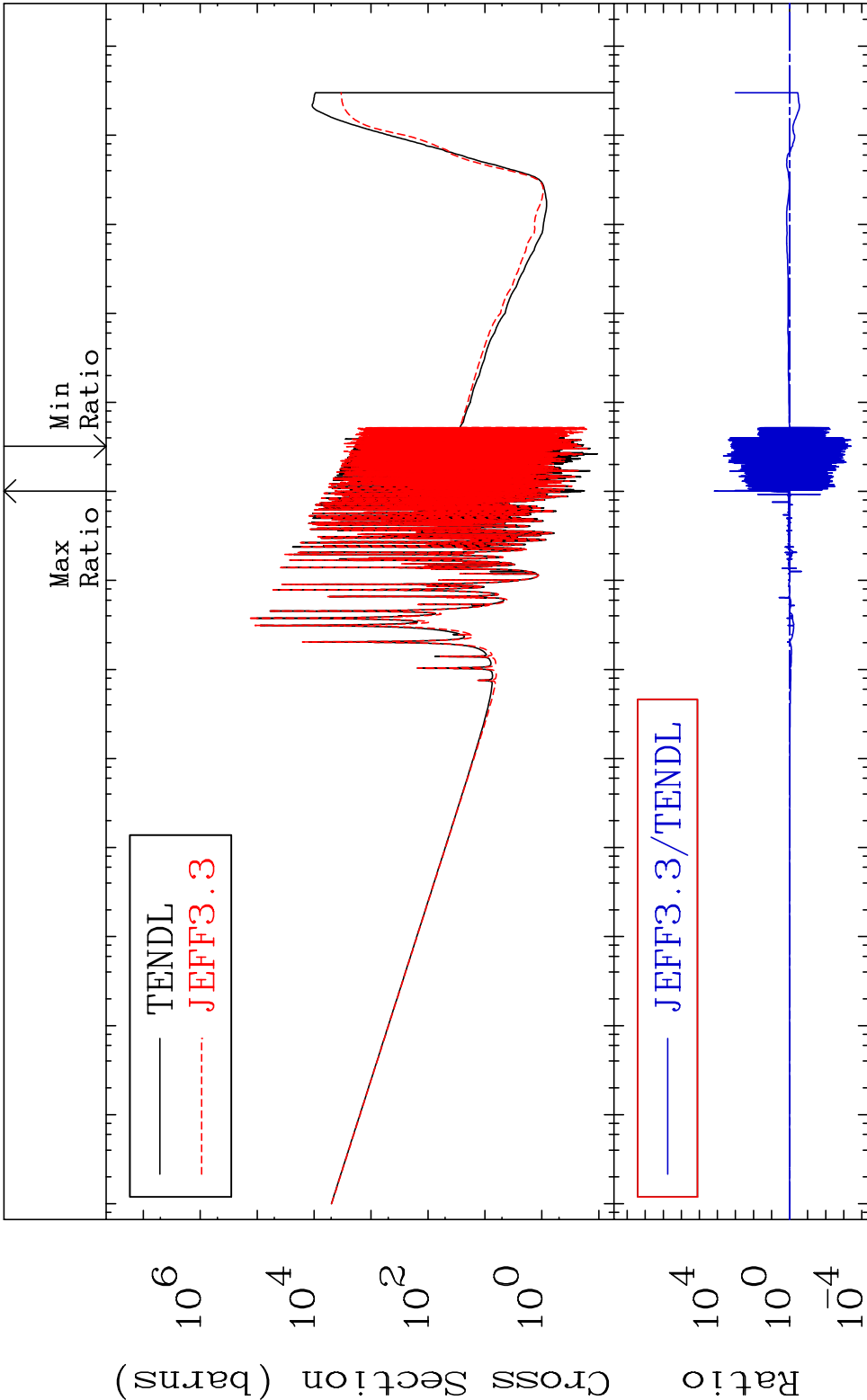


60 Incident Energy (eV) 53-I -127

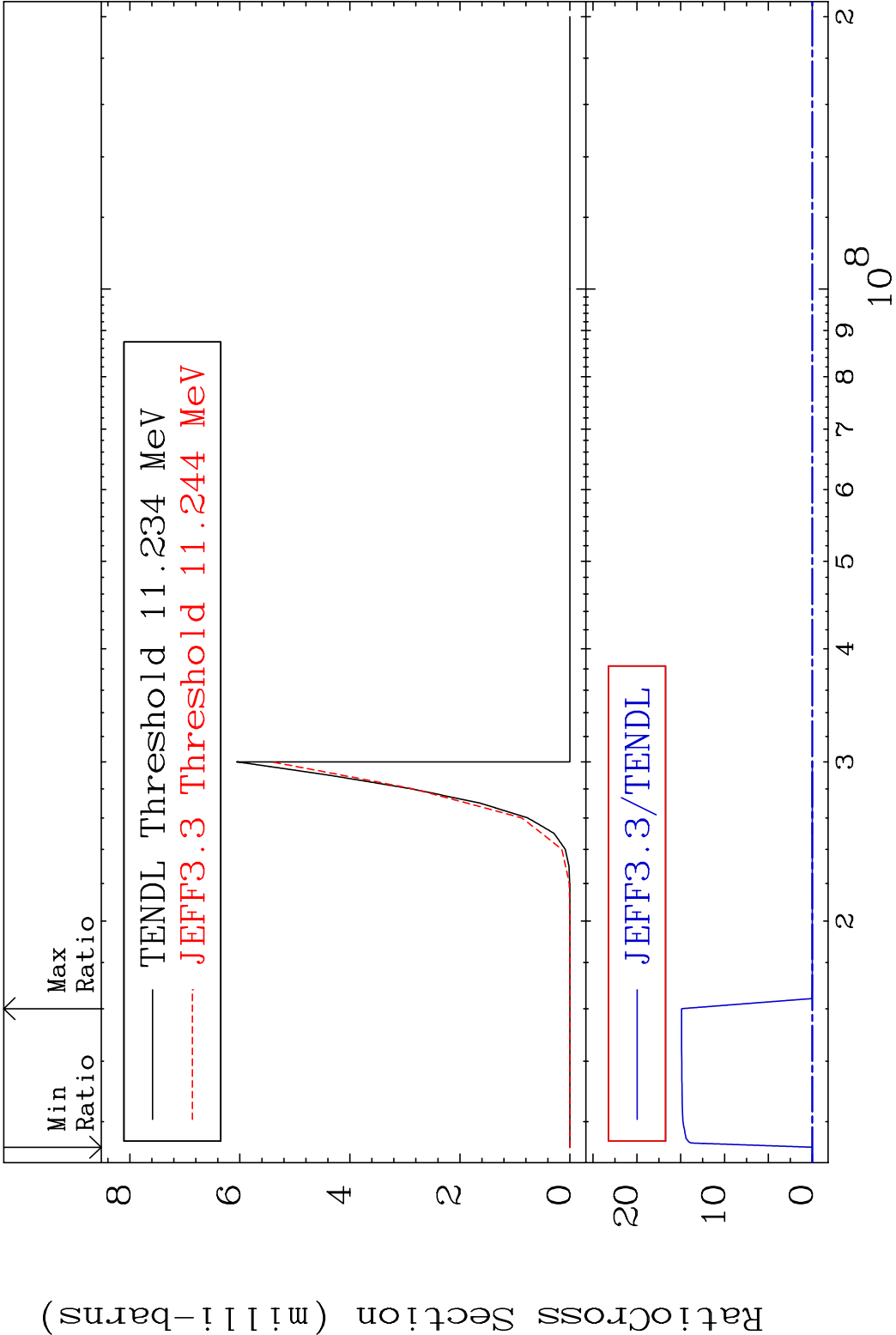
MAT 5325 Dpa inelastic (mt51-91) 53-I -127
 Cross Section -100.0 To 11.08 %

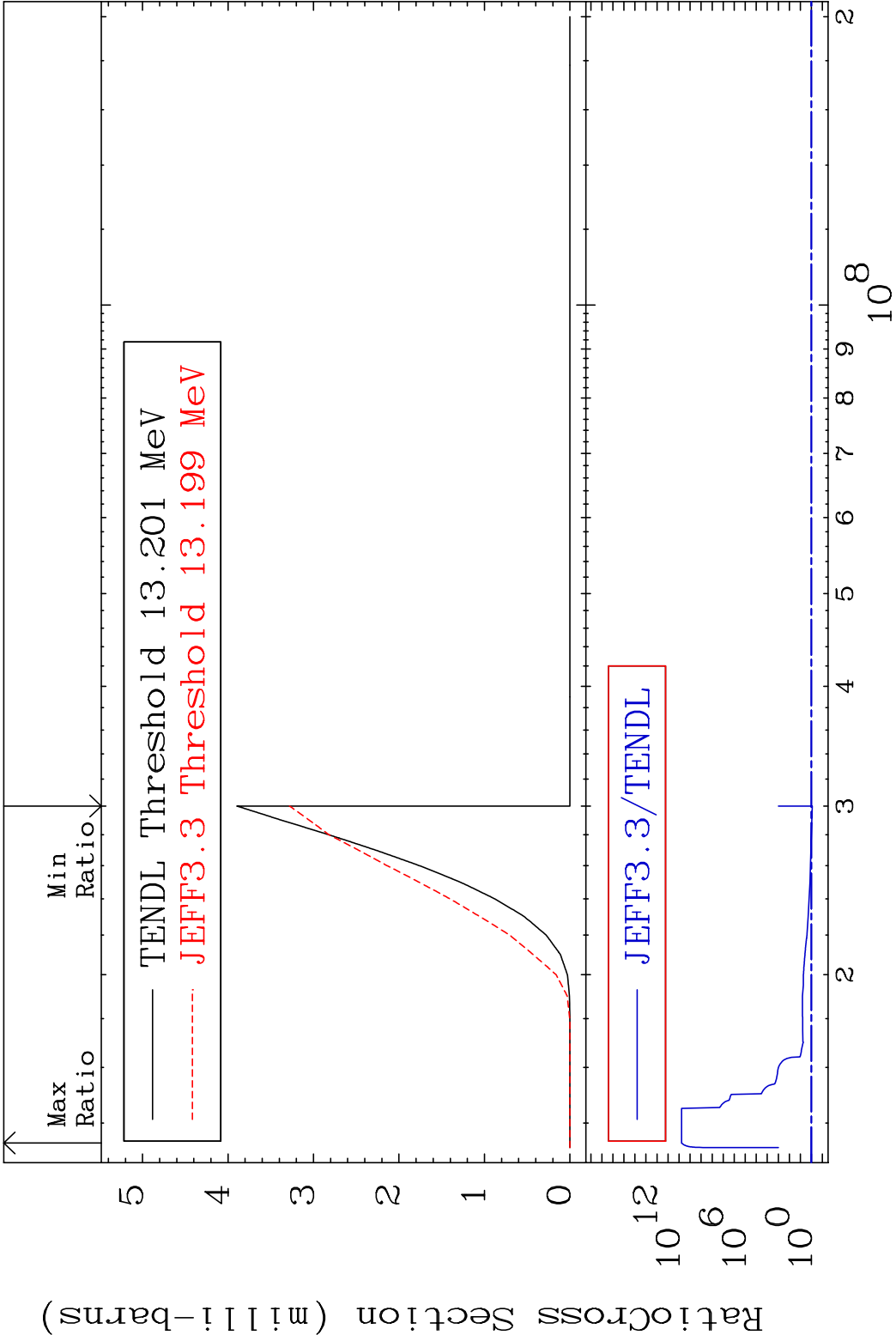


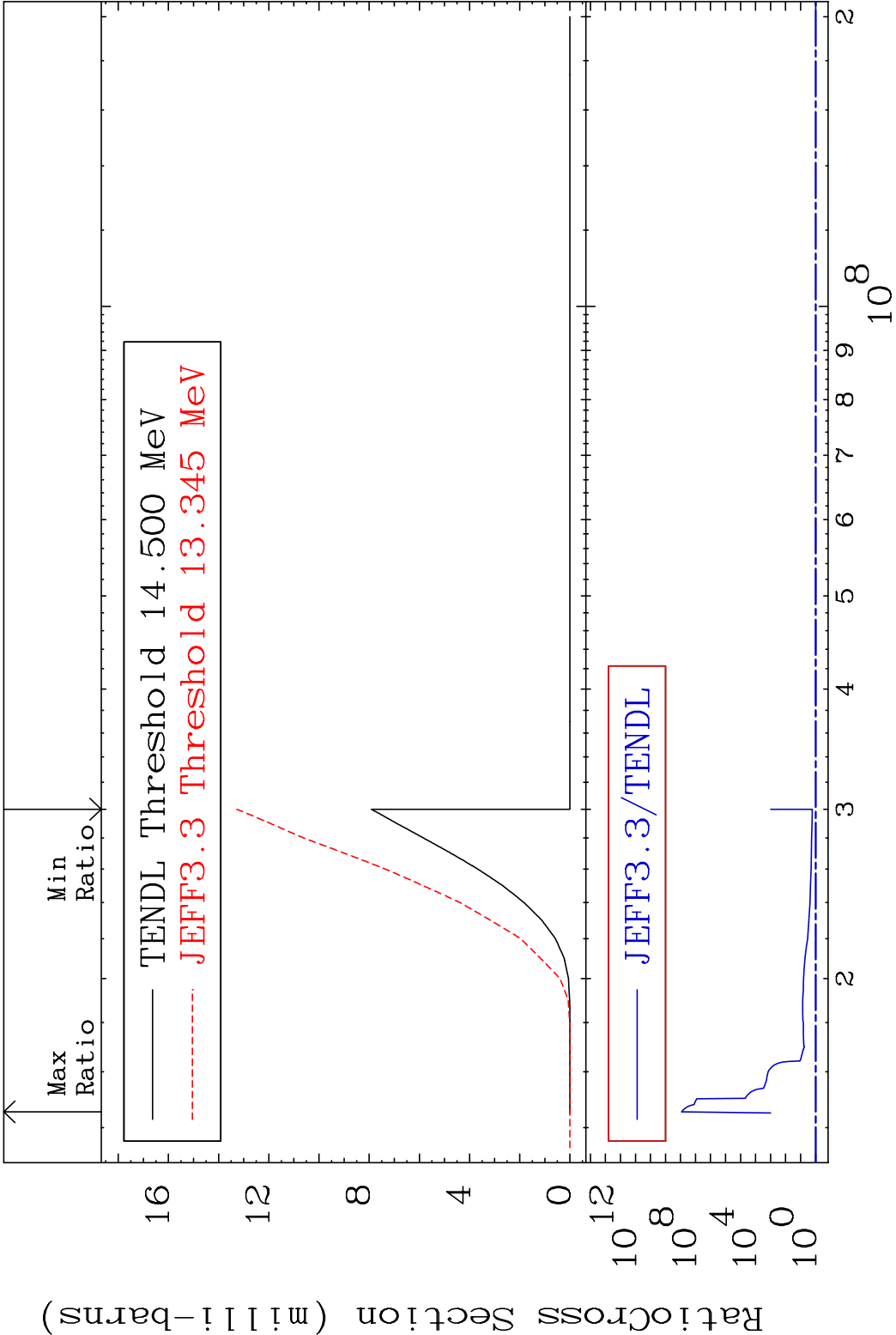
MAT 5325 Dpa disappearance (mt102 -120) 53-I -127
Cross Section -99.96 To 9999. %



62 Incident Energy (eV) 53-I -127







Radionuclide Production Cross-Section 9999. %

