

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

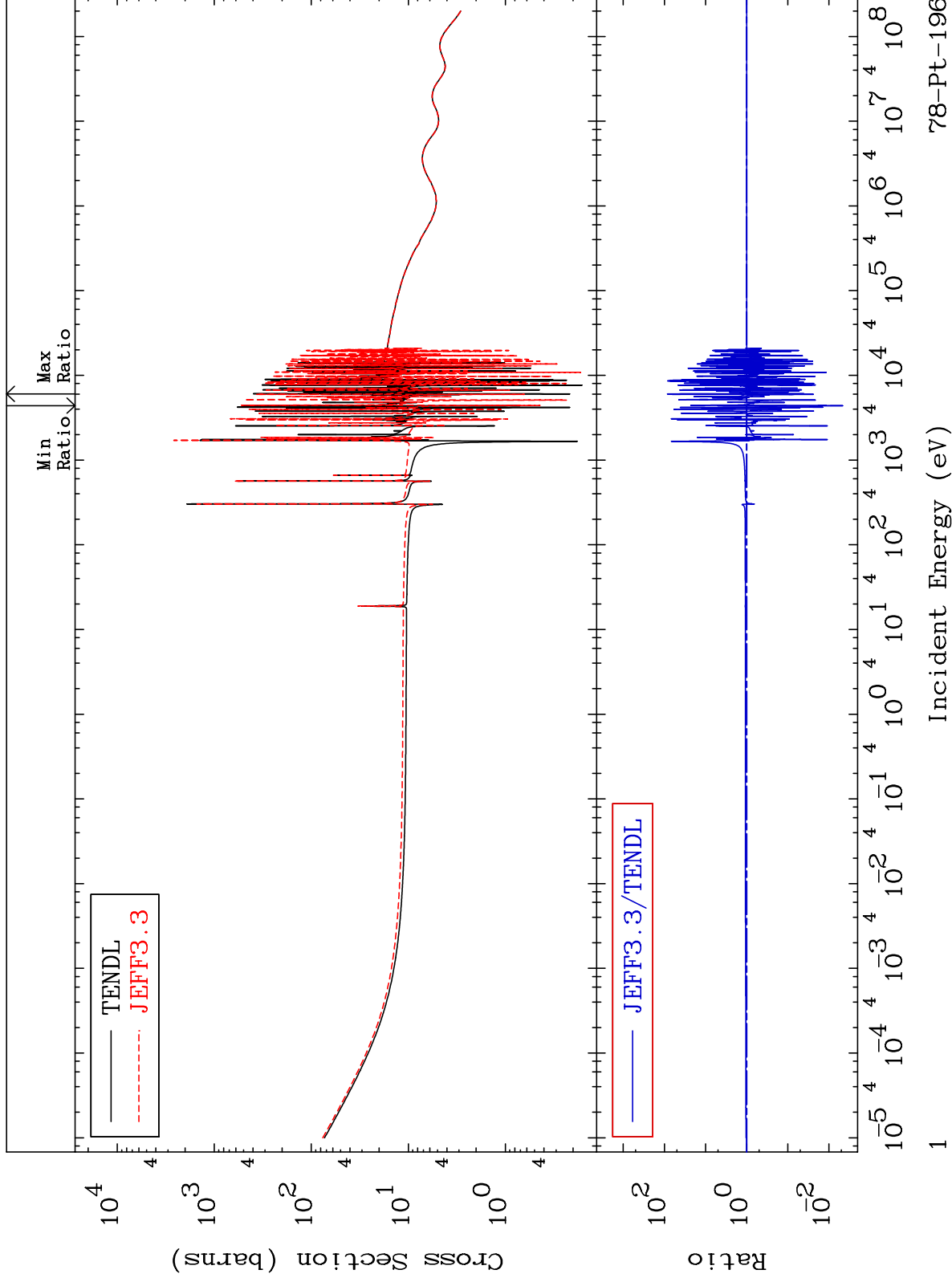
MAT 7843

Total

78-Pt-196

Cross Section

-99.53 To 8288. %



Incident Energy (eV)

78-Pt-196

1

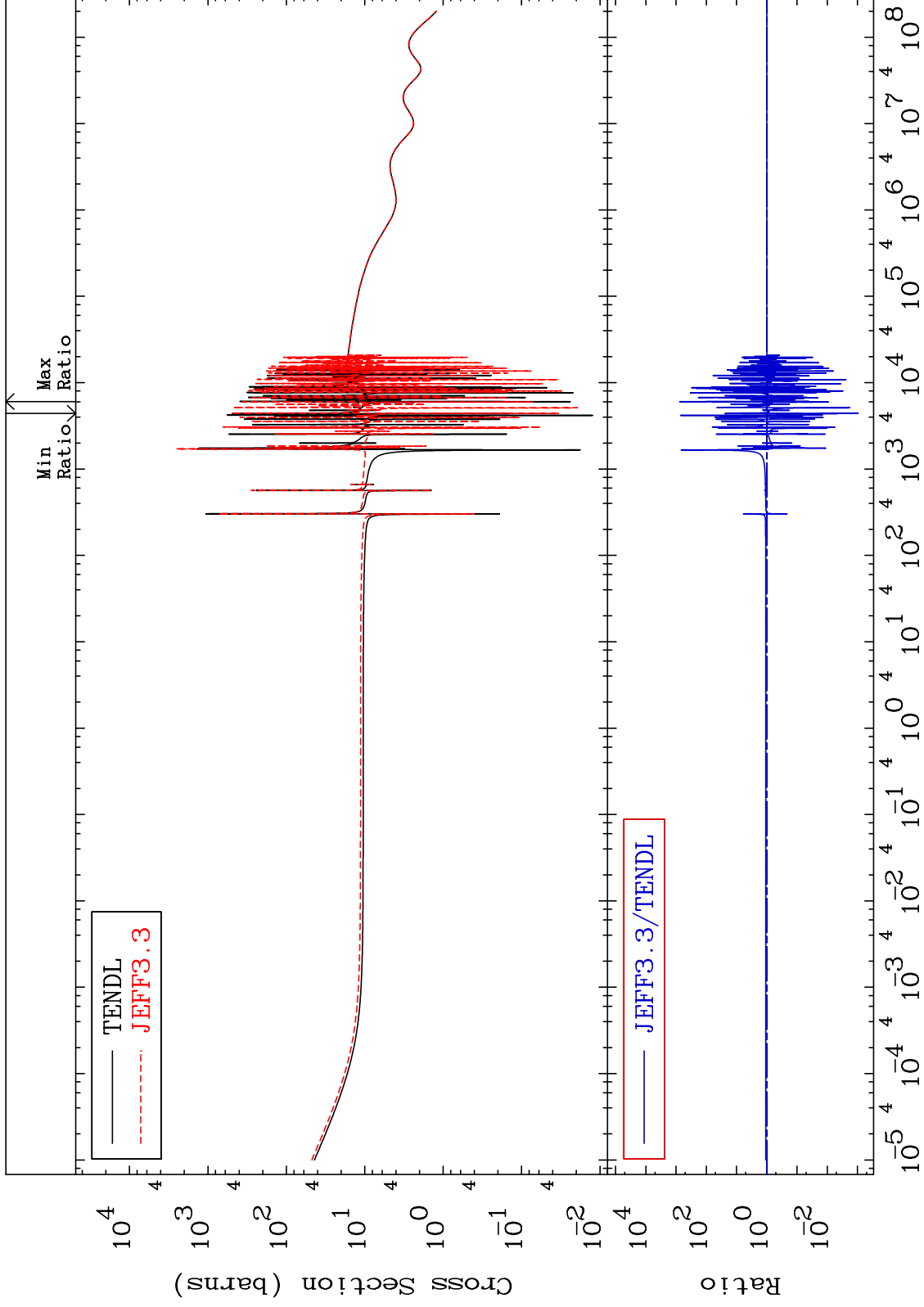
MAT 7843

Elastic

Cross Section

78-Pt-196

-99.91 To 9999. %



Incident Energy (eV)

78-Pt-196

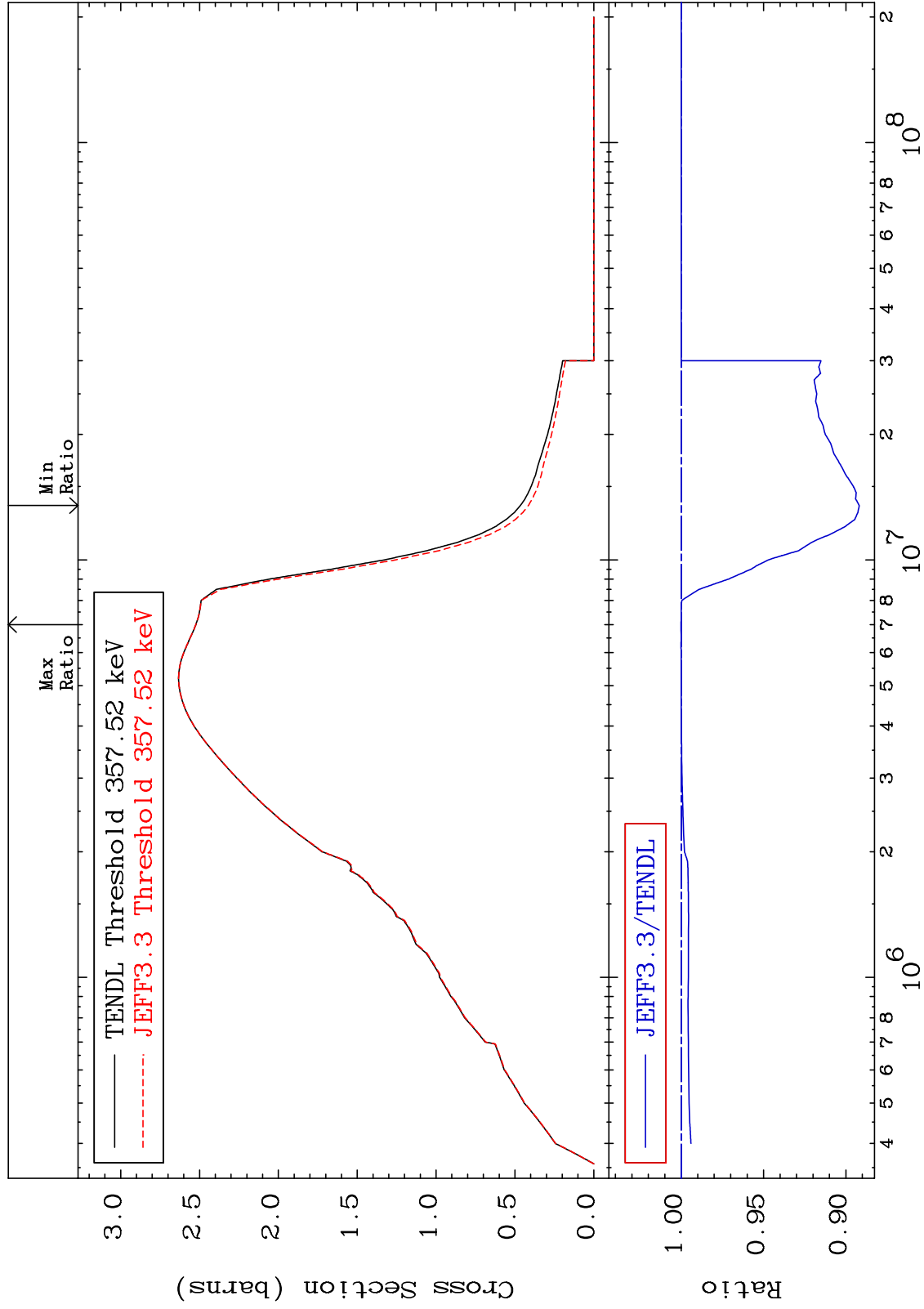
2

MAT 7843

Inelastic  
Cross Section

78-Pt-196

-10.81 To 0.013 %



3

Incident Energy (eV)

78-Pt-196

MAT 7843

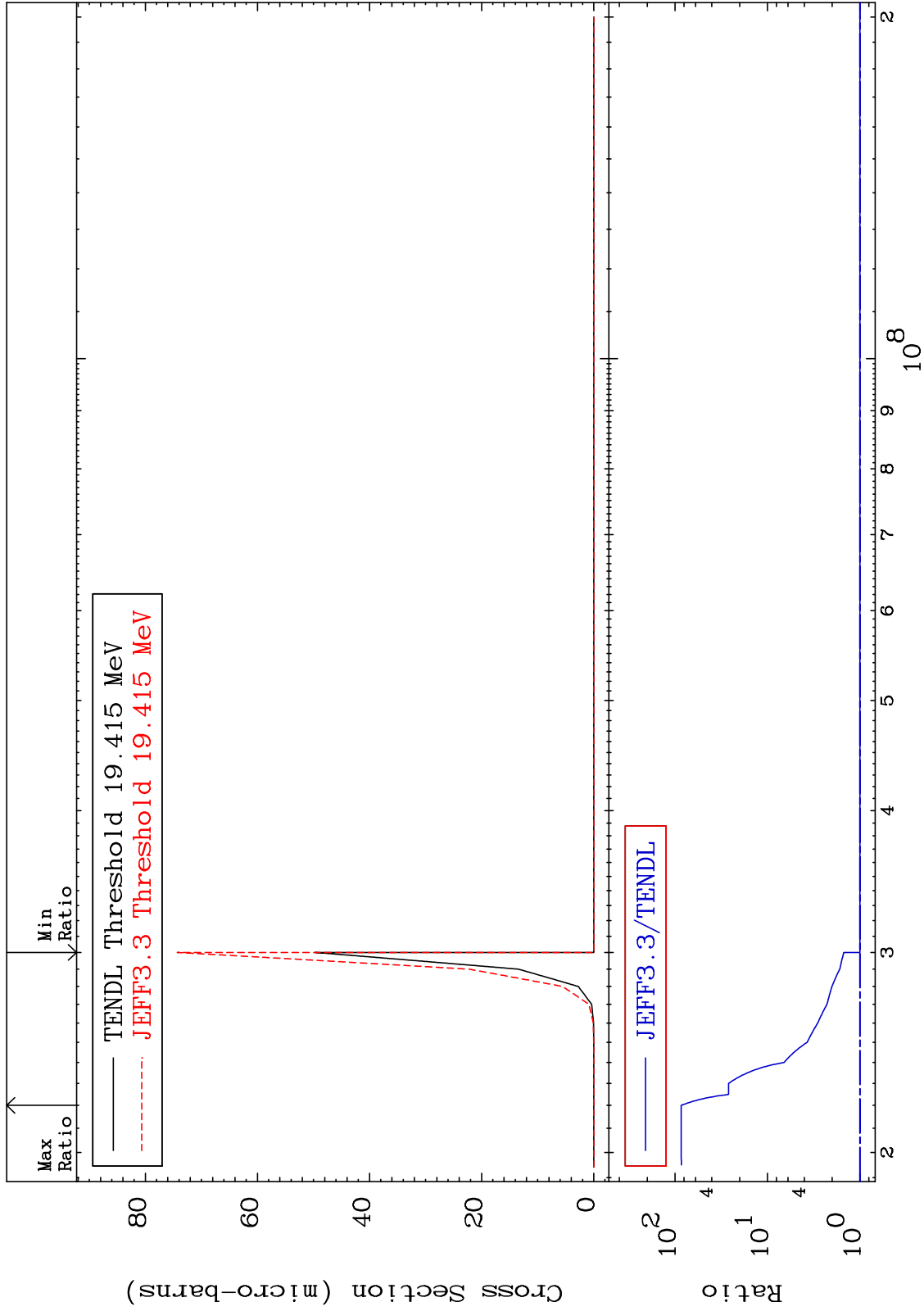
(n,2n) d

78-Pt-196

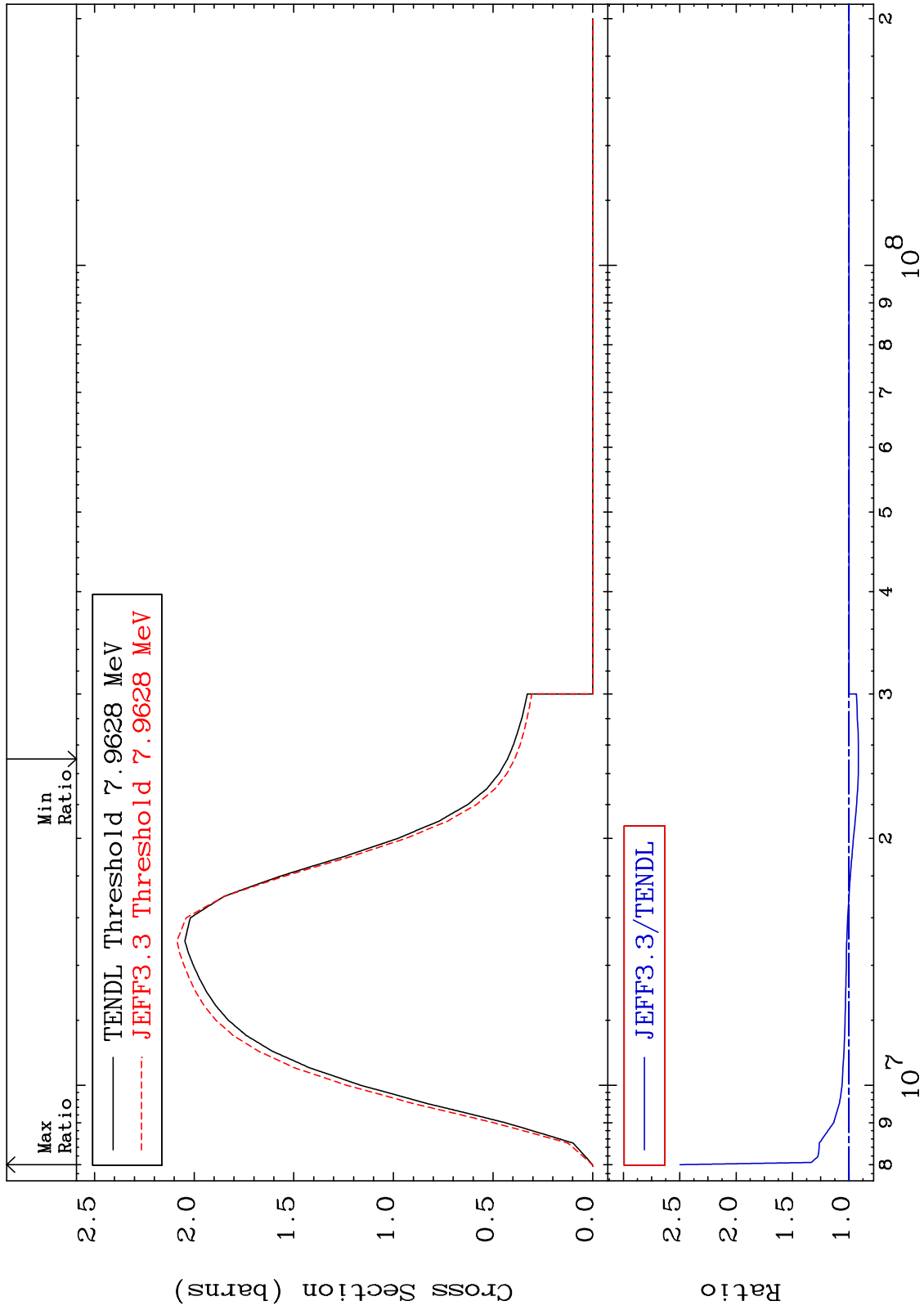
Cross Section

0.000

To 8479. %



MAT 7843 (n,2n) Cross Section 78-Pt-196 -8.453 To 149.8 %



5 Incident Energy (eV) 78-Pt-196

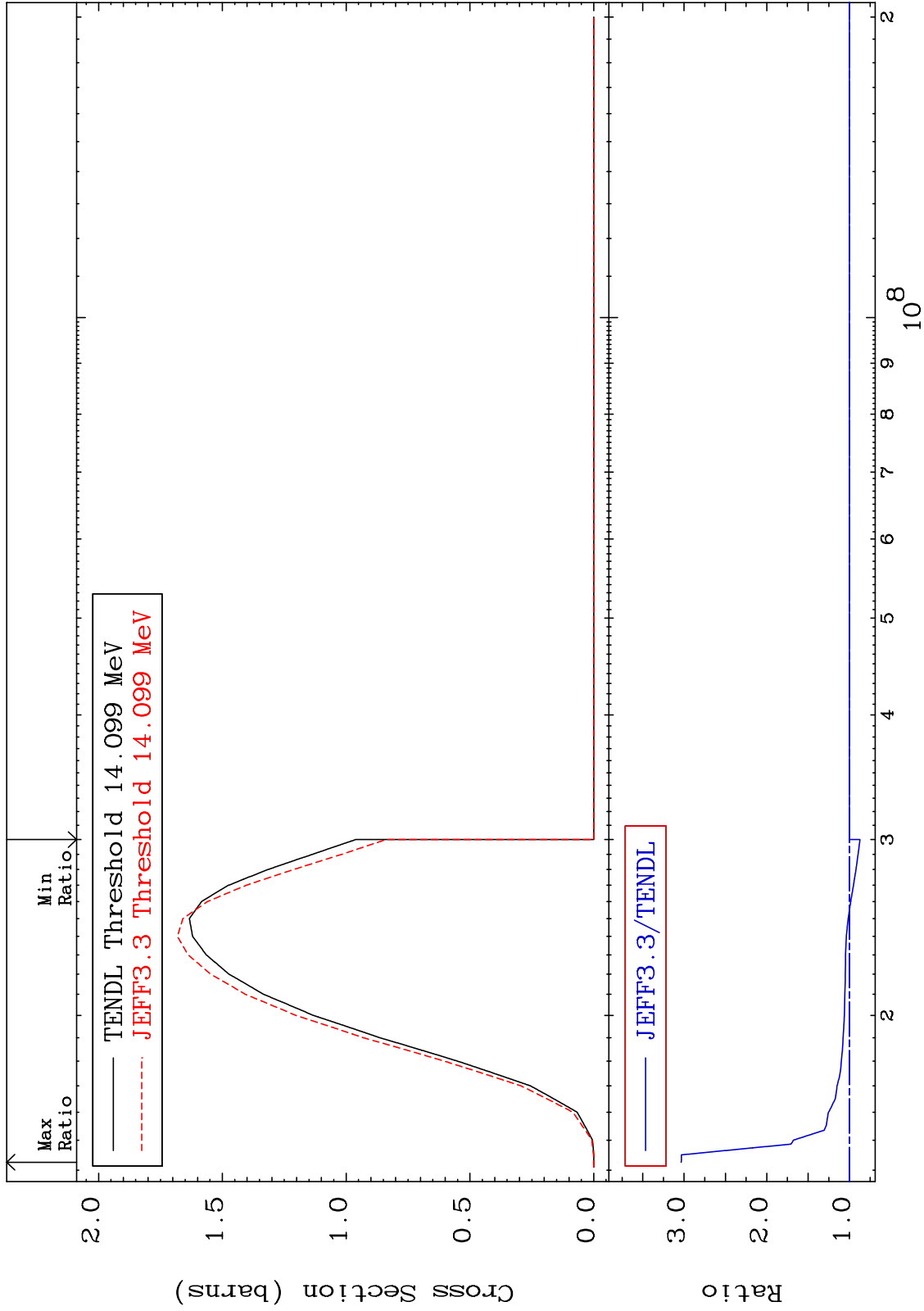
MAT 7843

(n, 3n)

78-Pt-196

Cross Section

-12.67 To 203.4 %



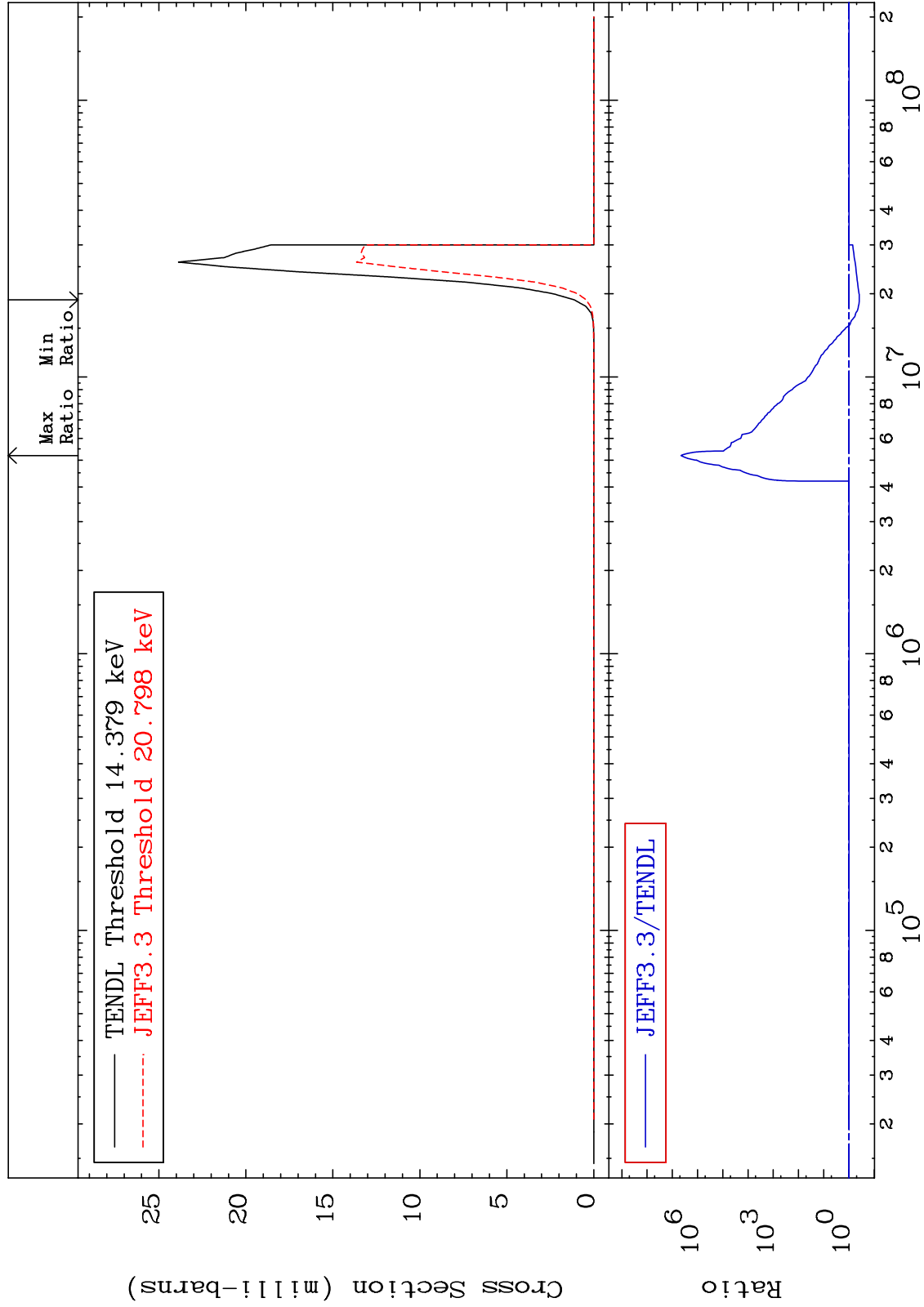
MAT 7843

(n,n')  $\alpha$

78-Pt-196

Cross Section

-60.99 To 9999. %





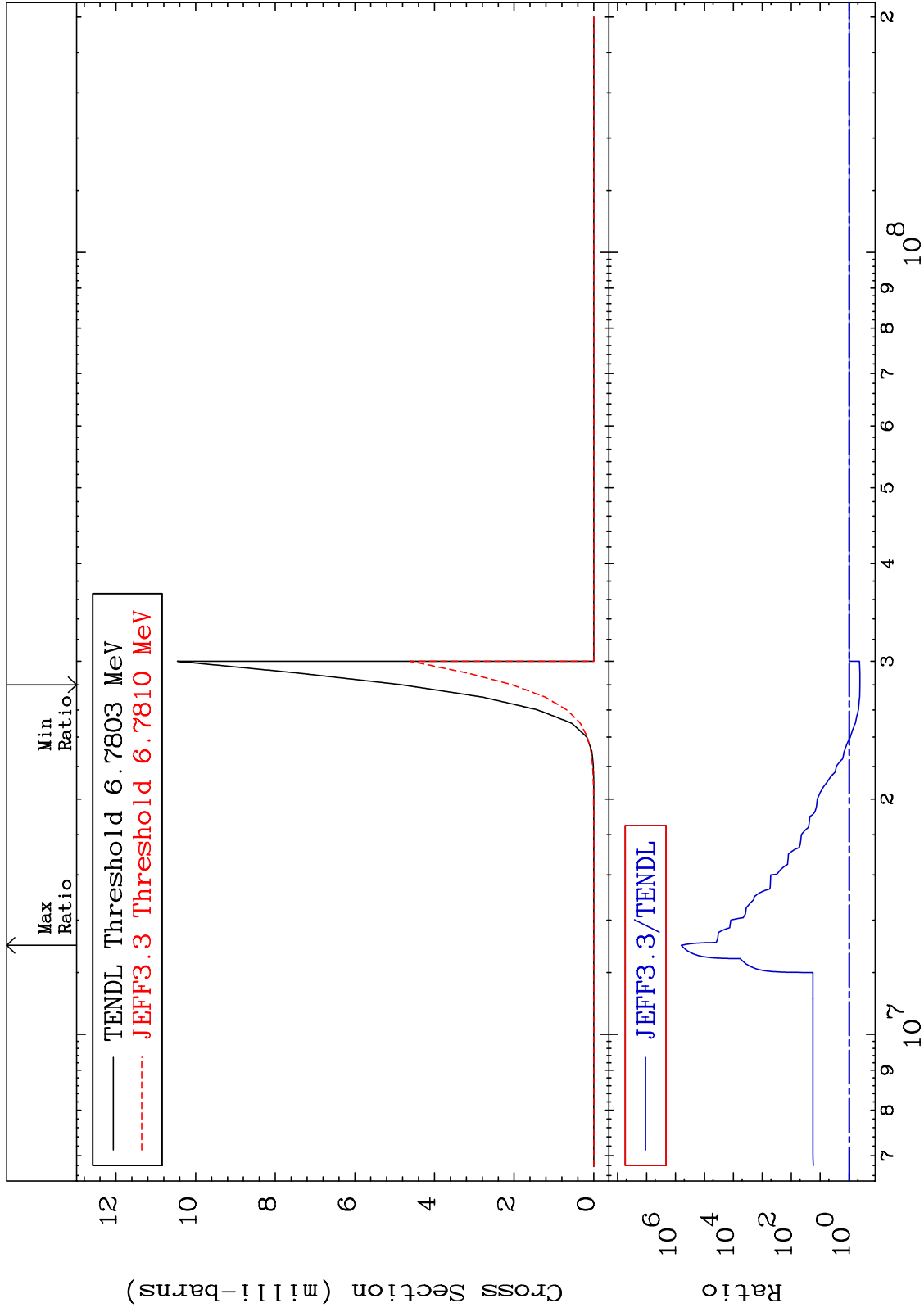
MAT 7843

(n,2n)  $\alpha$

78-Pt-196

-57.54 To 9999. %

Cross Section



8

Incident Energy (eV)

78-Pt-196

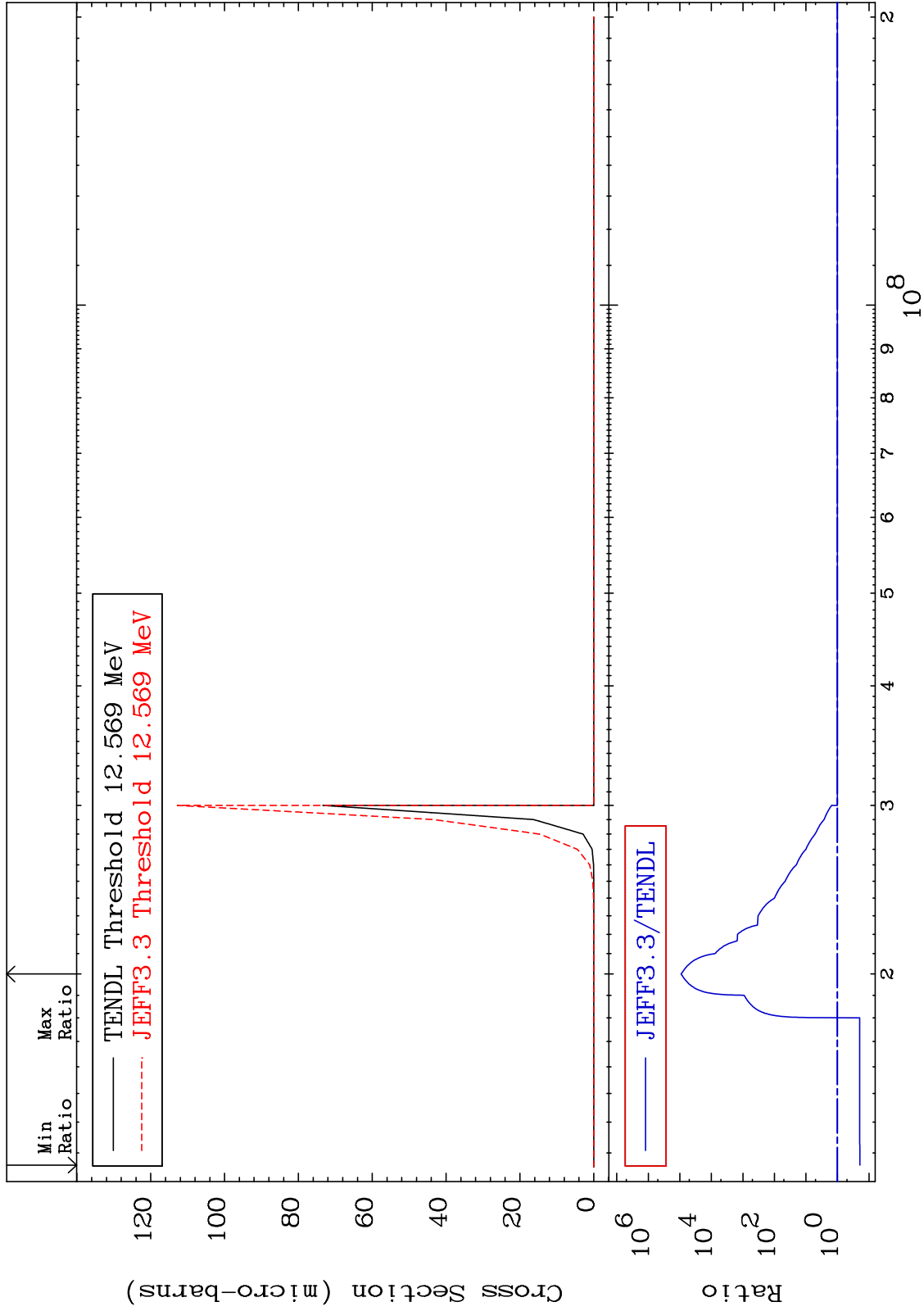
MAT 7843

(n,3n)  $\alpha$

78-Pt-196

Cross Section

-80.62 To 9999. %



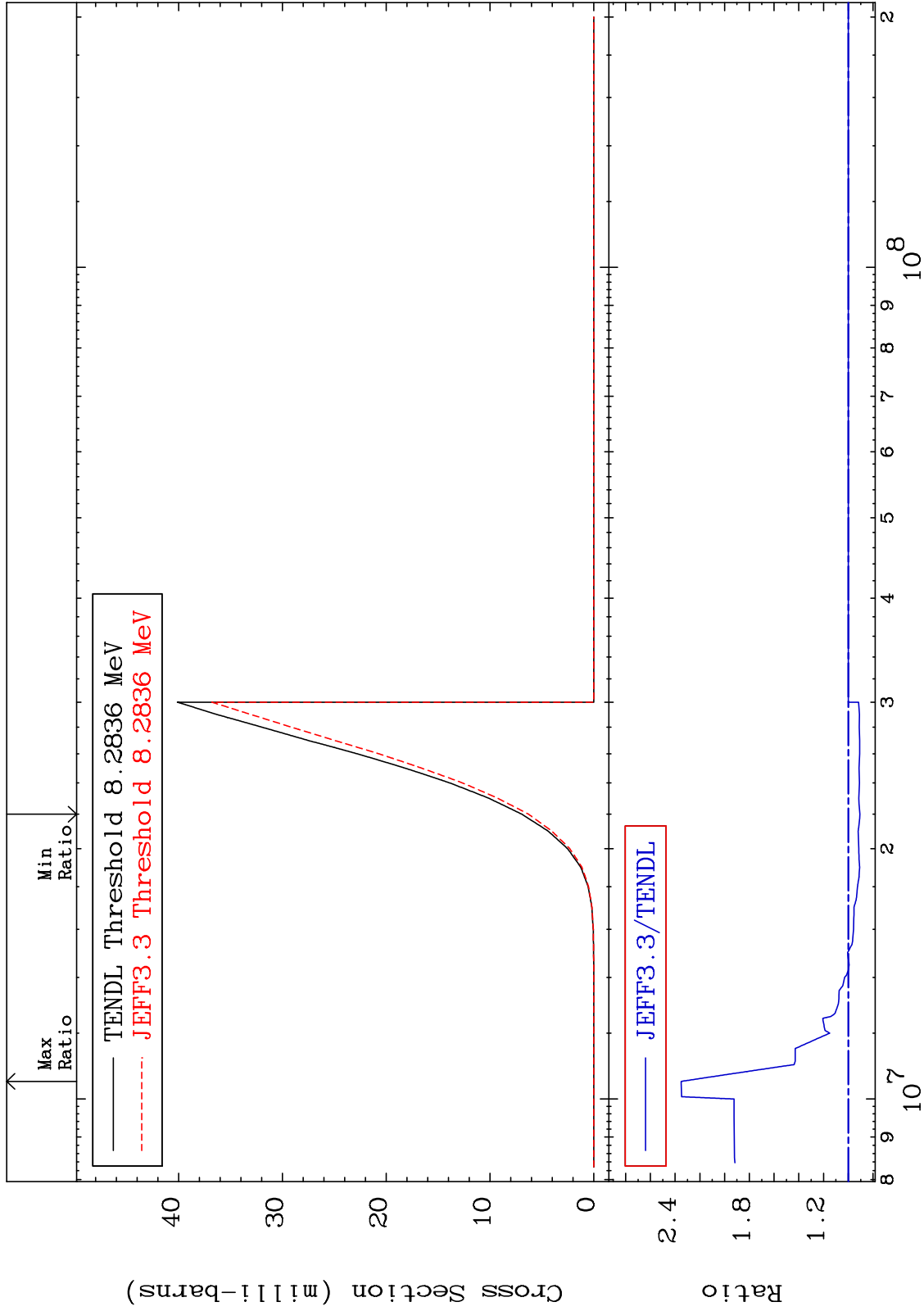
MAT 7843

(n, n') p

78-Pt-196

Cross Section

-9.418 To 135.1 %



78-Pt-196

Incident Energy (eV)

10

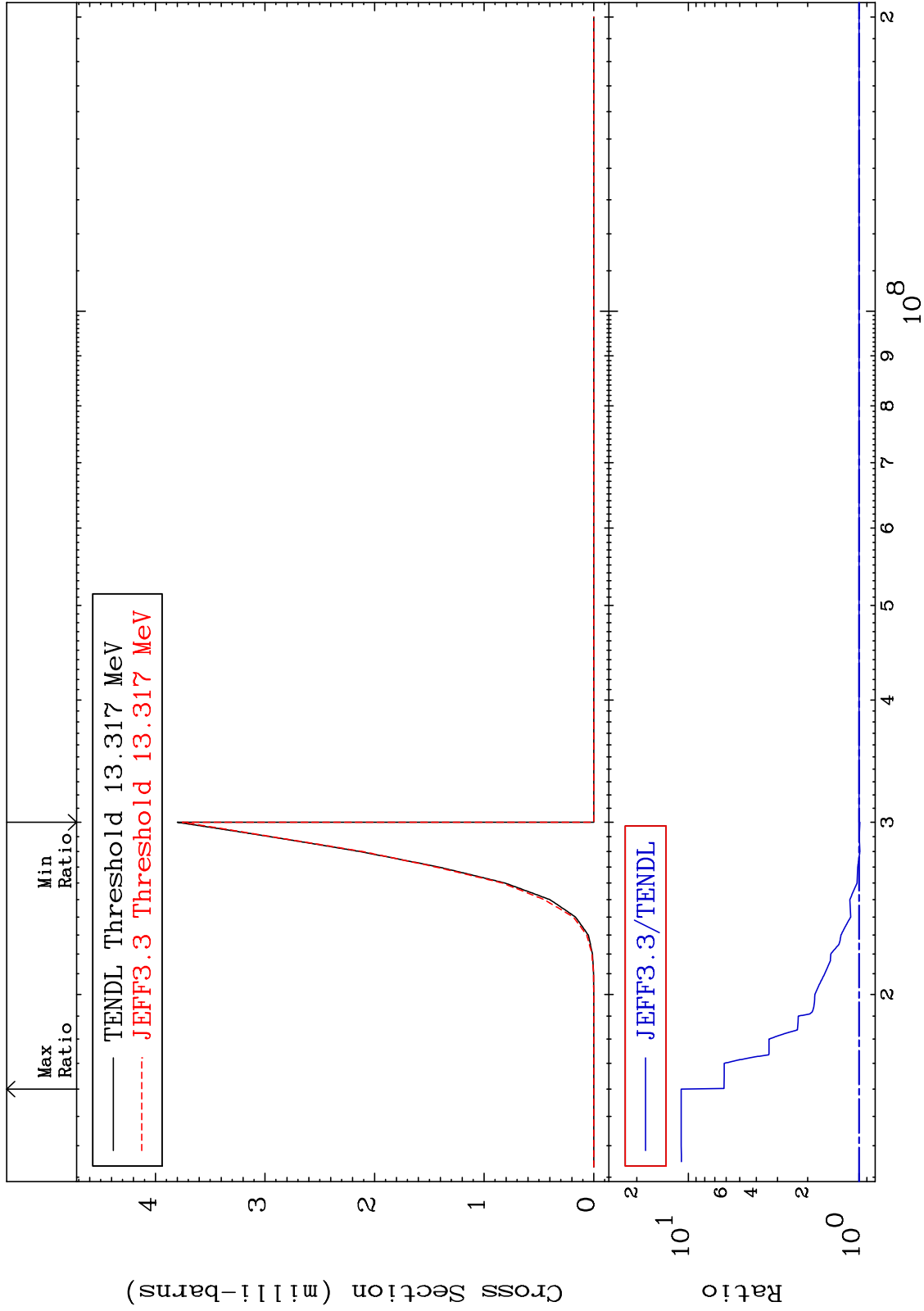
MAT 7843

(n, n') d

78-Pt-196

Cross Section

-1.224 To 999.8 %



MAT 7843

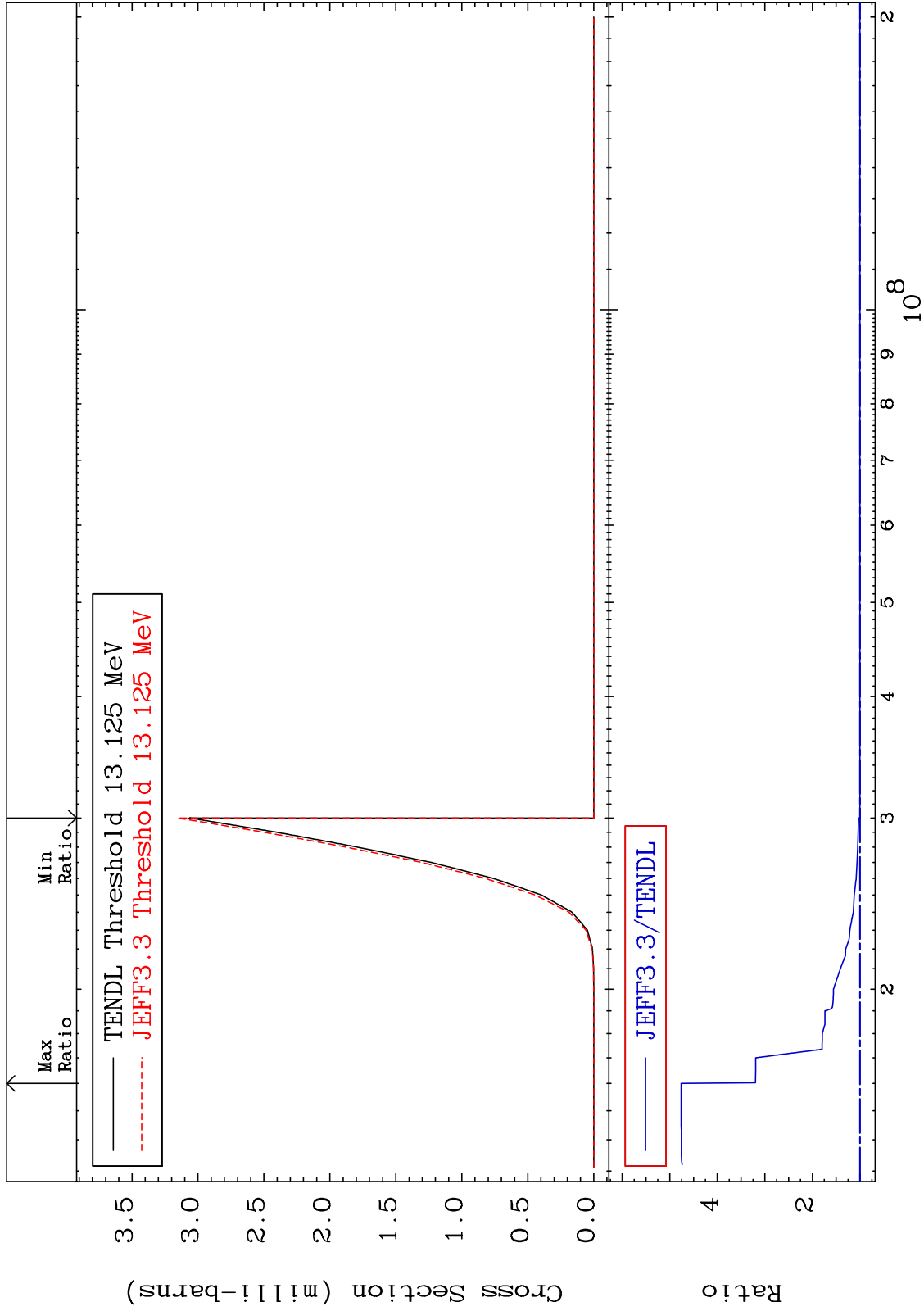
(n, n') t

78-Pt-196

Cross Section

0.000

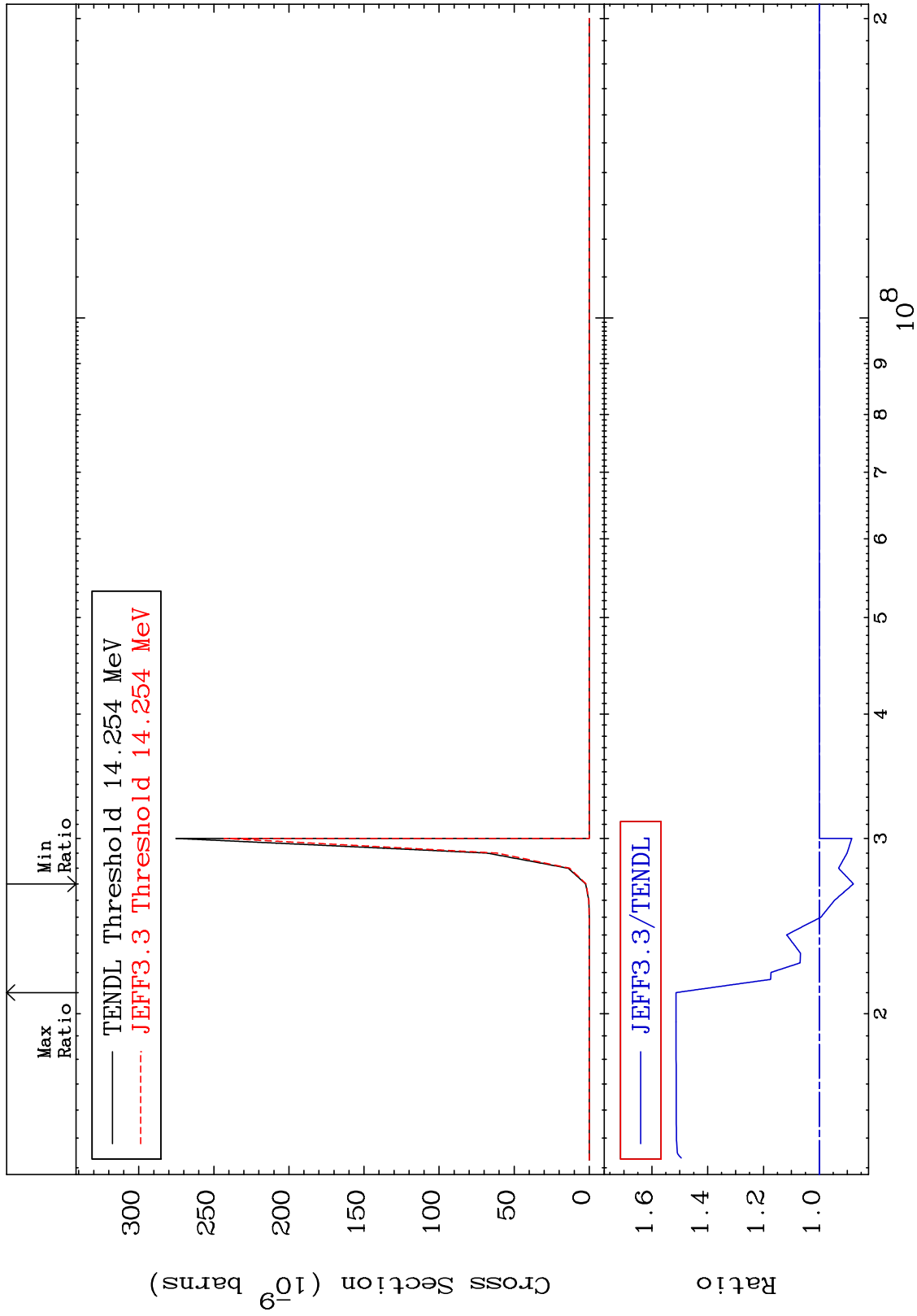
To 375.9 %



MAT 7843

(n, n') He-3  
Cross Section

78-Pt-196  
-12.21 To 51.32 %



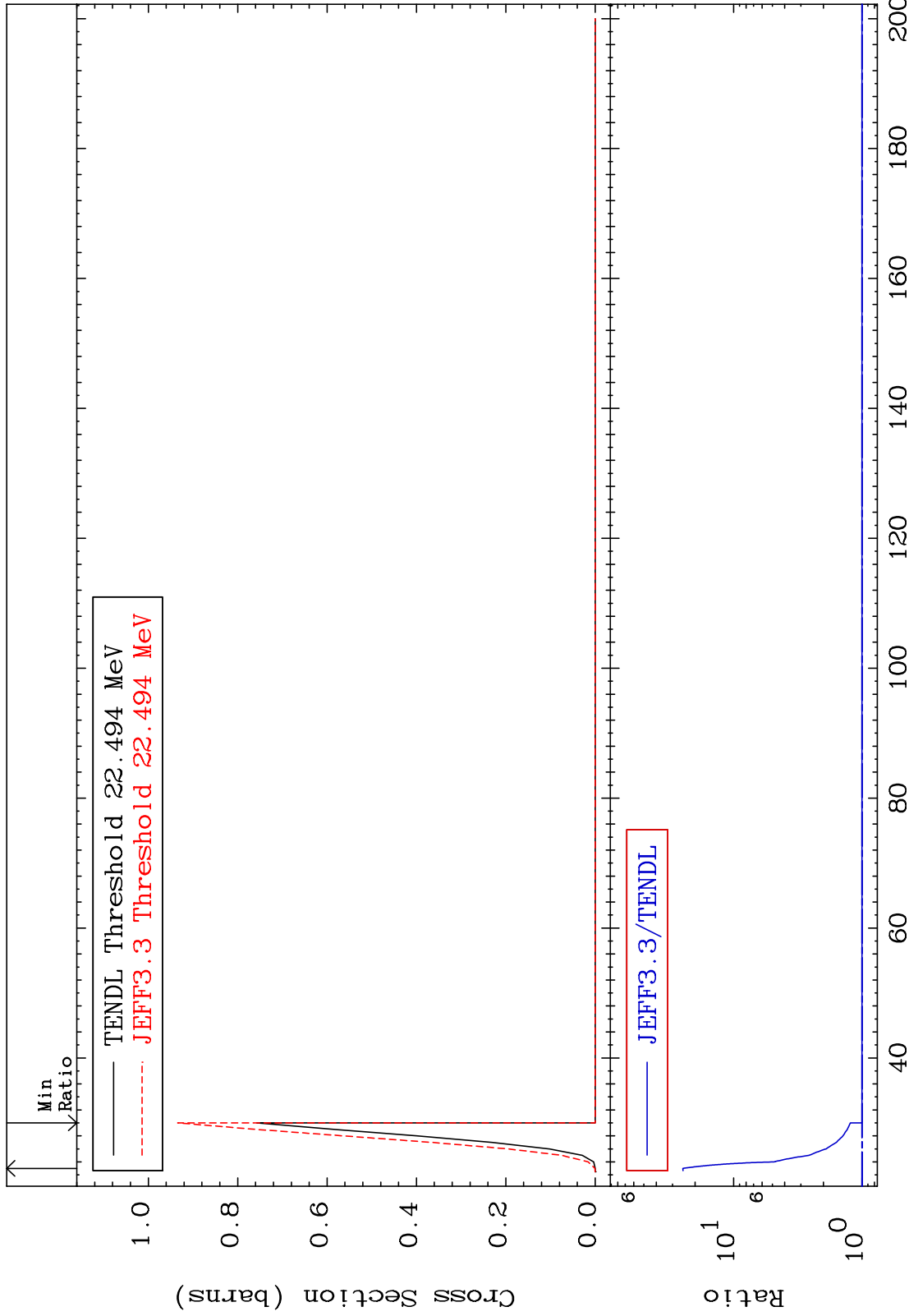
MAT 7843

(n, 4n)

<sup>78</sup>Pt-196

Cross Section

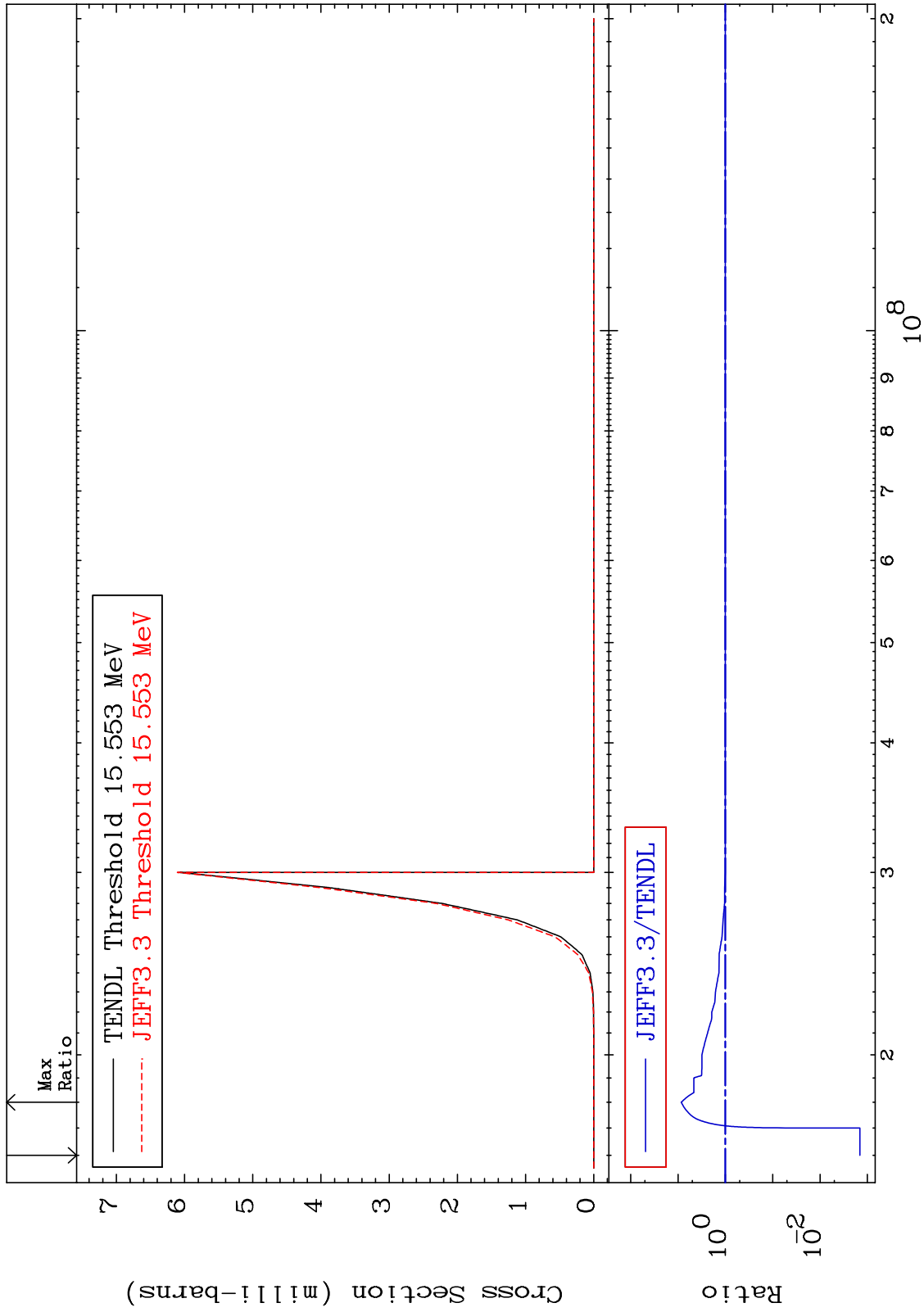
0.000 To 2386. %



MAT 7843

(n,2n) p  
Cross Section

78-Pt-196  
-99.86 To 756.7 %

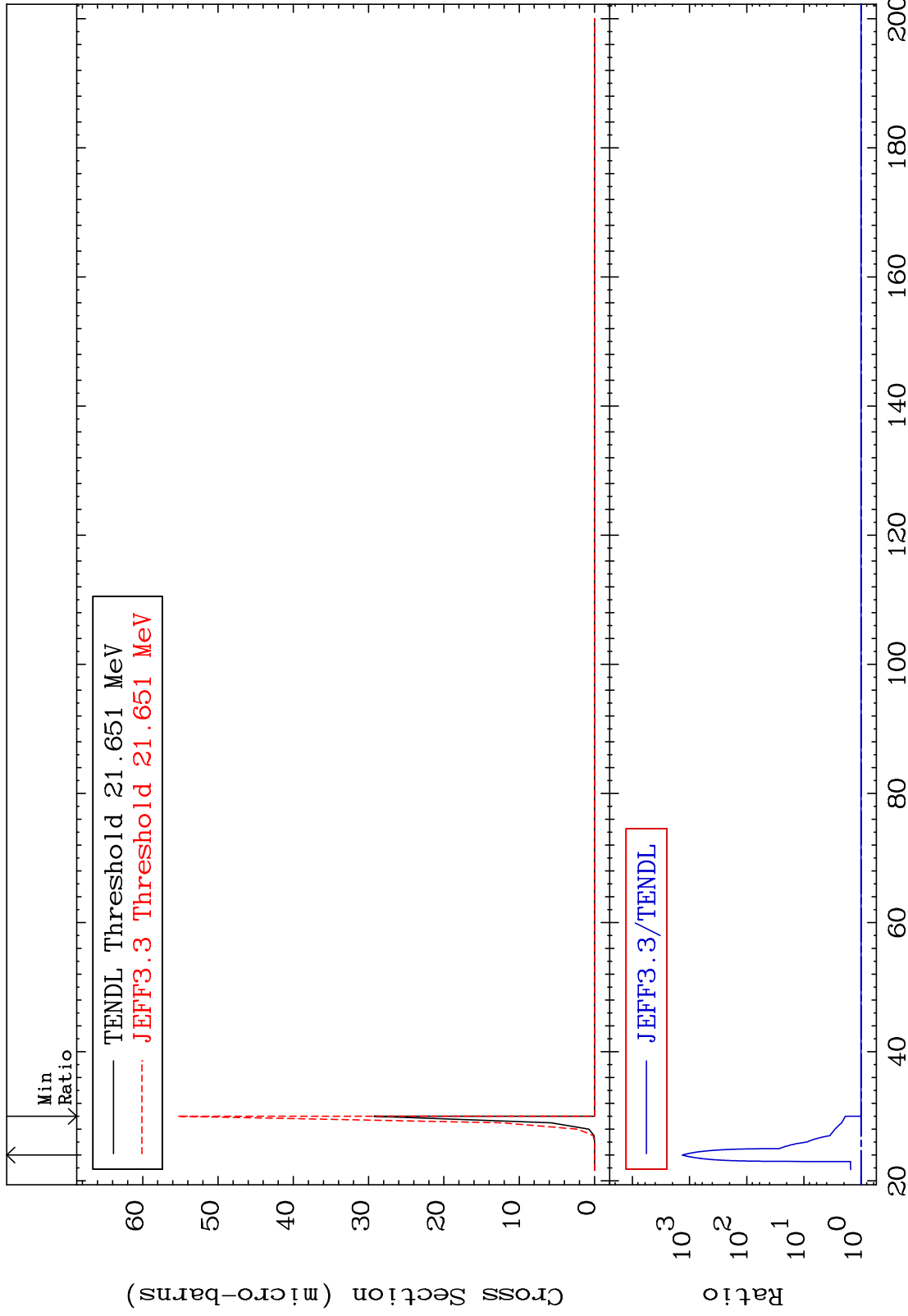




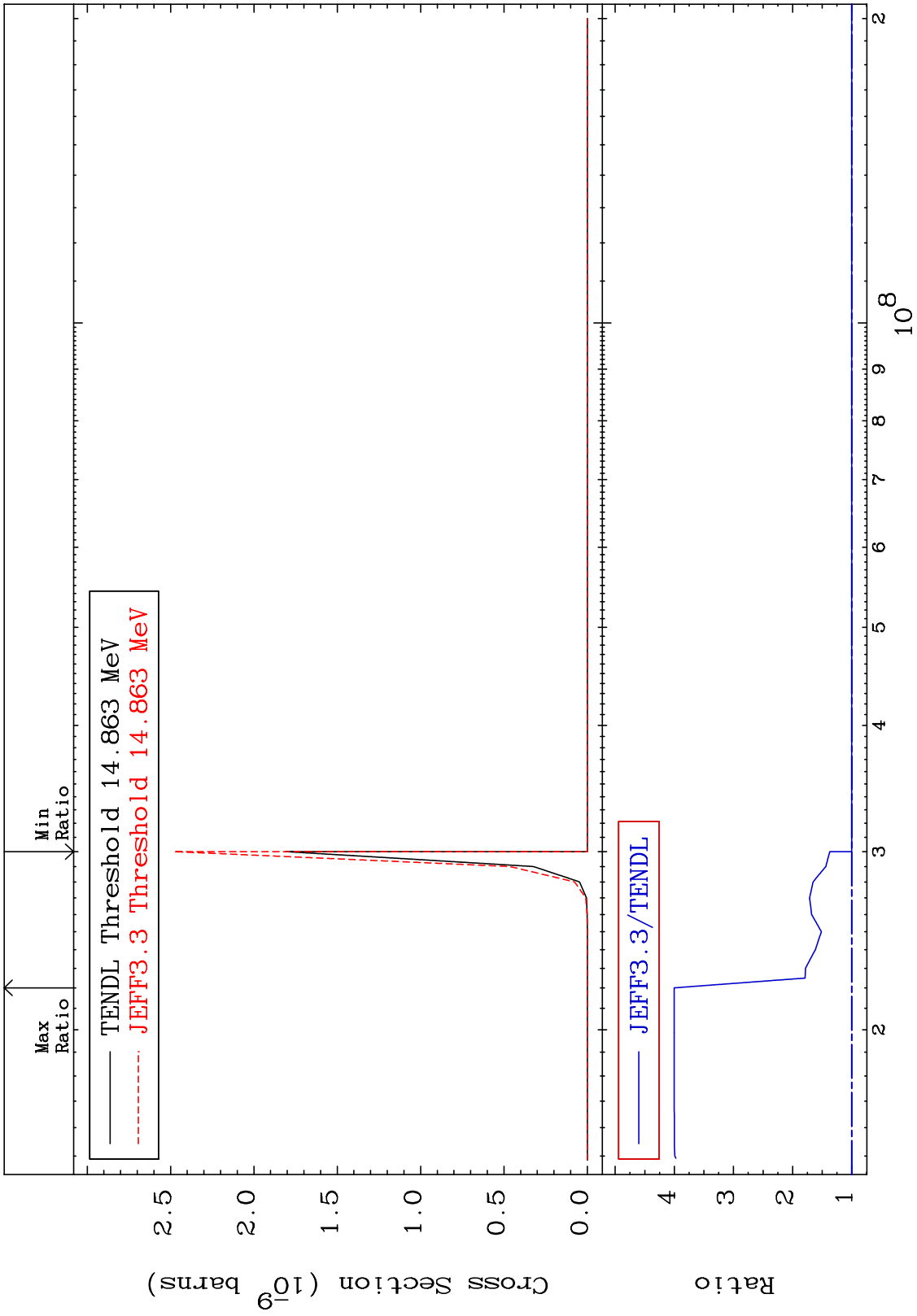
MAT 7843

(n,3n) p  
Cross Section

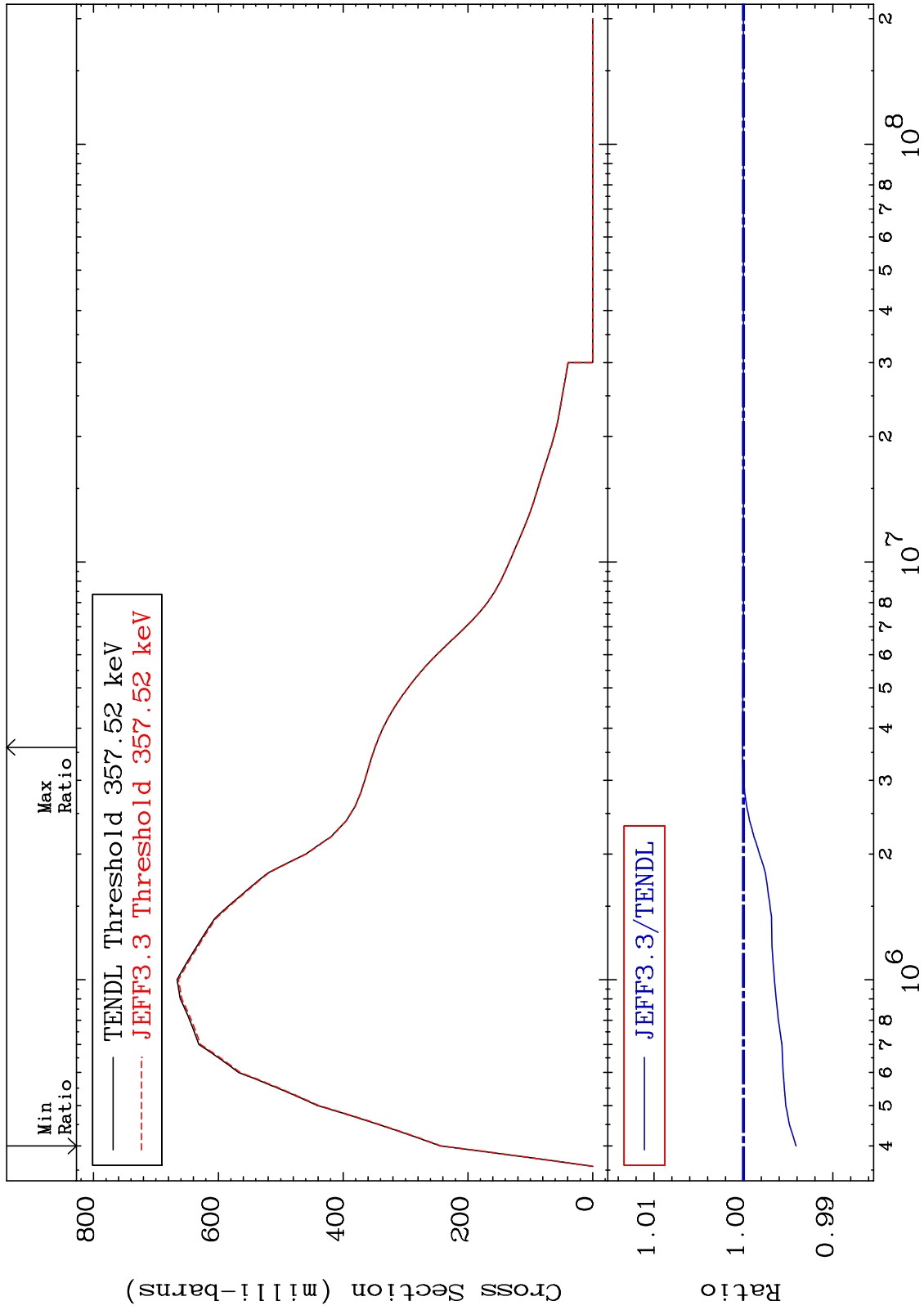
78-Pt-196  
0.000 To 9999. %



MAT 7843 (n,2n) p 78-Pt-196  
 Cross Section 0.000 To 300.2 %



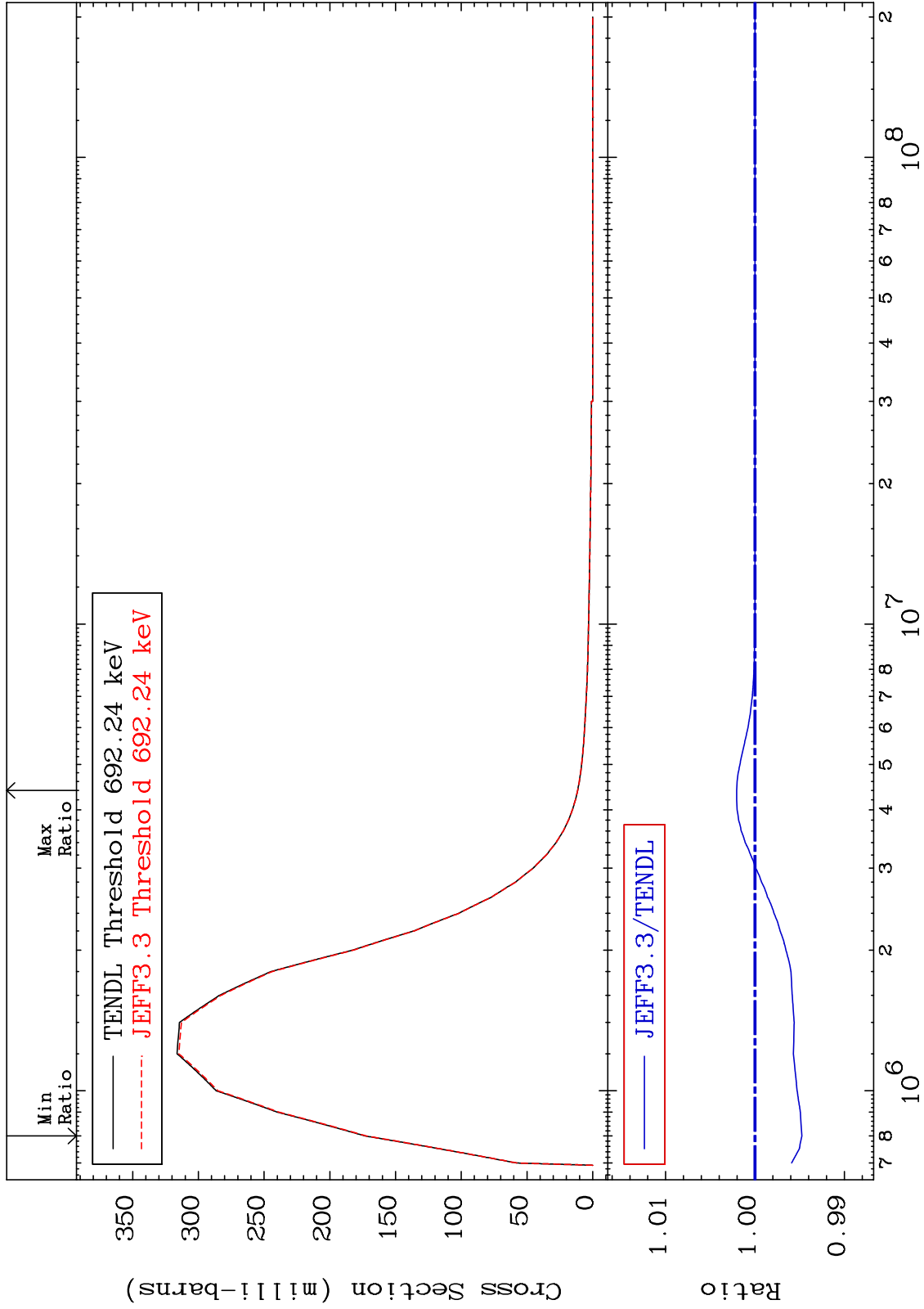
MAT 7843 MT= 51 (n,n') Level Cross Section 78-Pt-196  
 -0.588 To 0.011 %



MAT 7843

MT= 52 (n,n') Level  
Cross Section

78-Pt-196  
-0.524 To 0.205 %



19

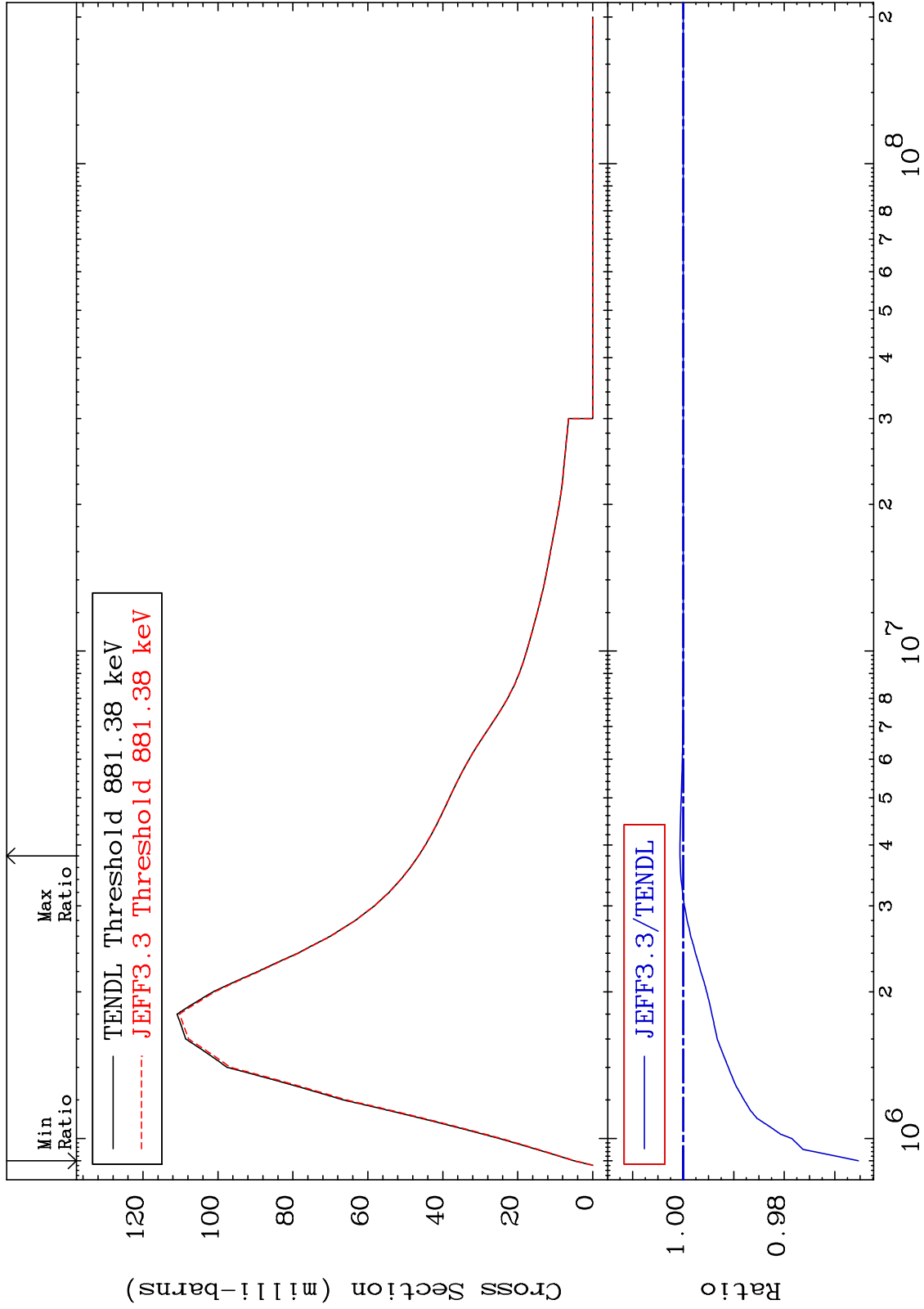
Incident Energy (eV)

78-Pt-196

MAT 7843

MT= 53 (n,n') Level  
Cross Section

78-Pt-196  
-3.468 To 0.063 %



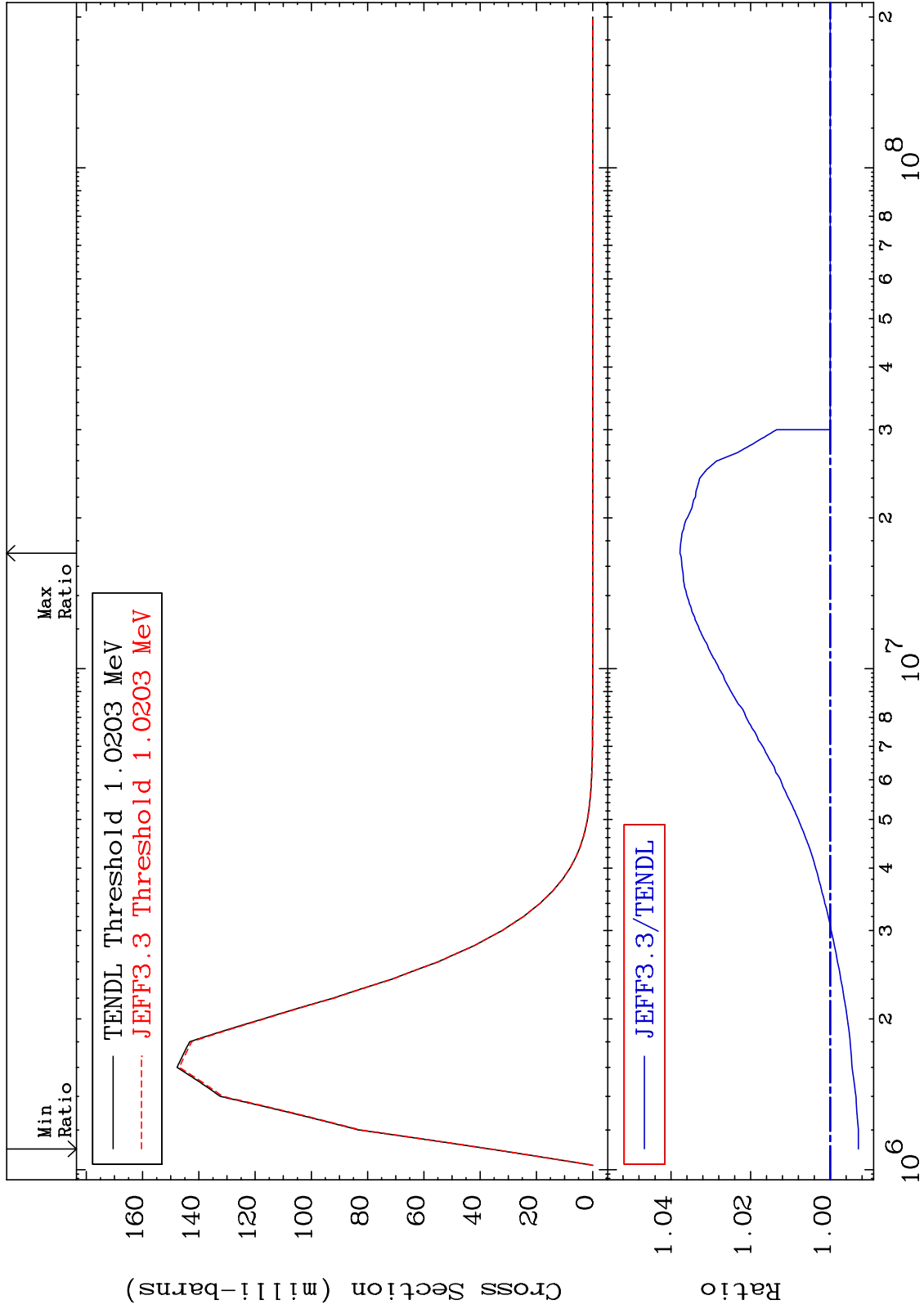
Incident Energy (eV)

78-Pt-196

MAT 7843

MT= 54 (n, n') Level  
Cross Section

78-Pt-196  
-0.706 To 3.772 %



21

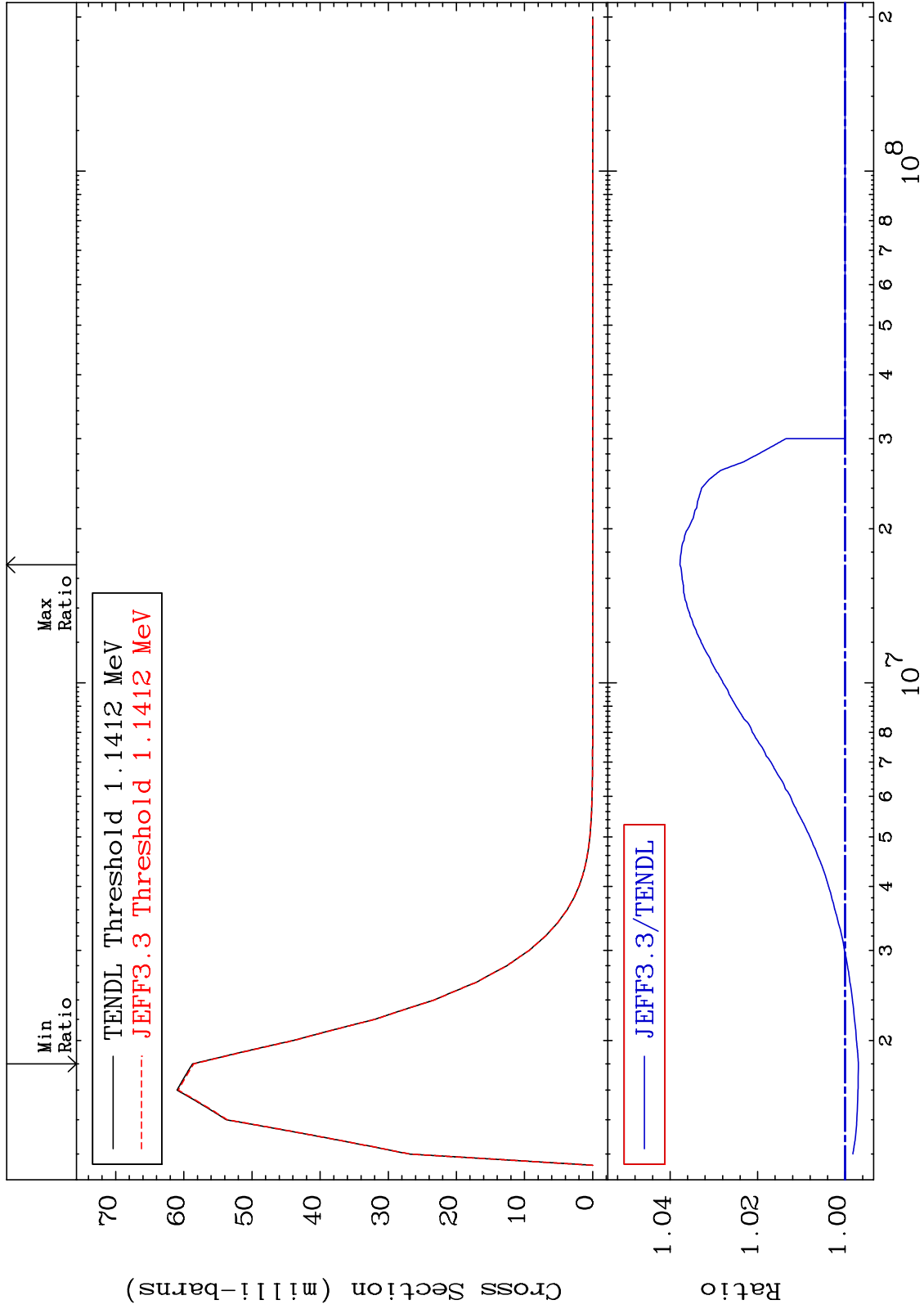
Incident Energy (eV)

78-Pt-196

MAT 7843

MT= 55 (n,n') Level  
Cross Section

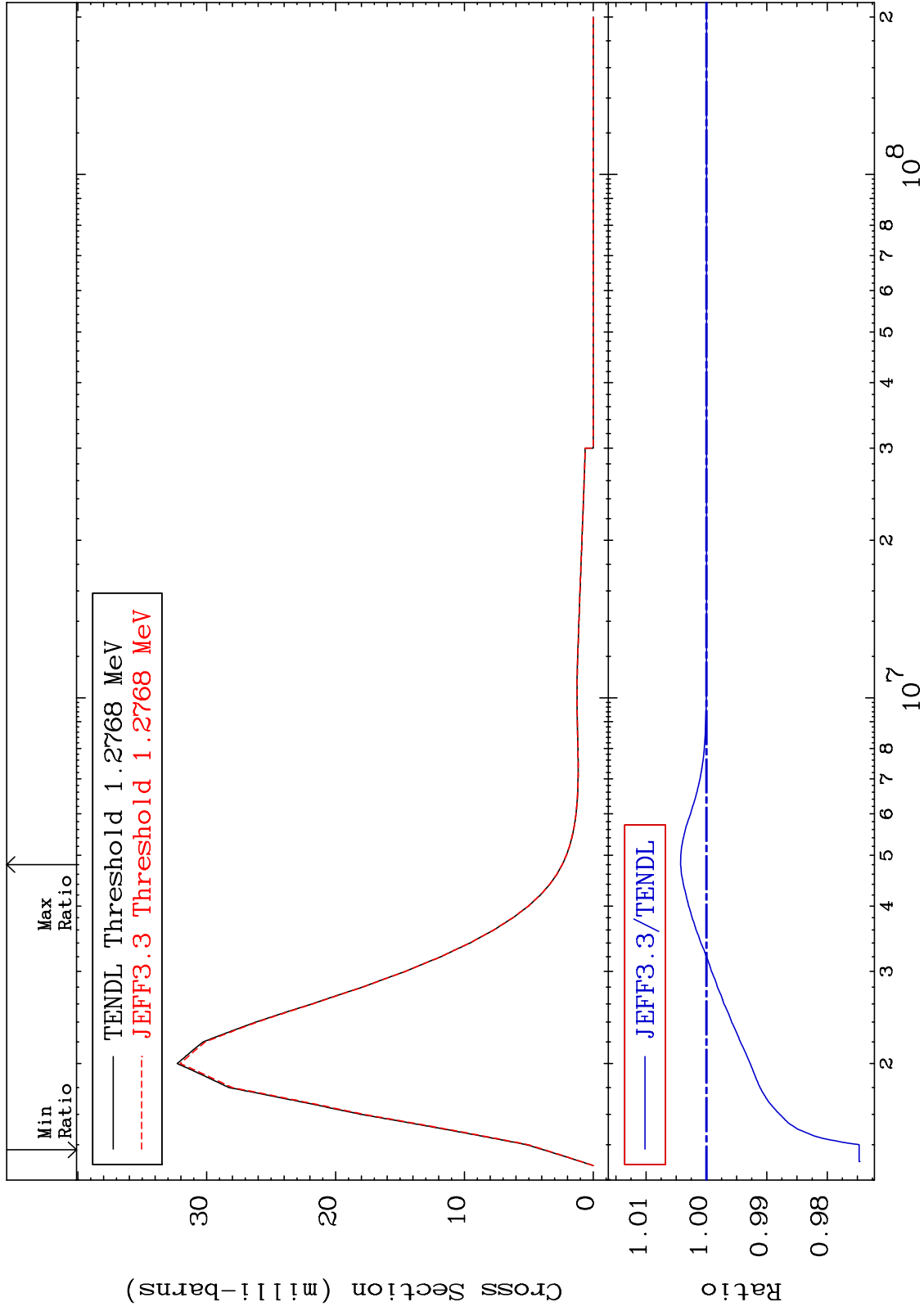
78-Pt-196  
-0.303 To 3.774 %



MAT 7843

MT= 56 (n,n') Level  
Cross Section

78-Pt-196  
-2.530 To 0.428 %

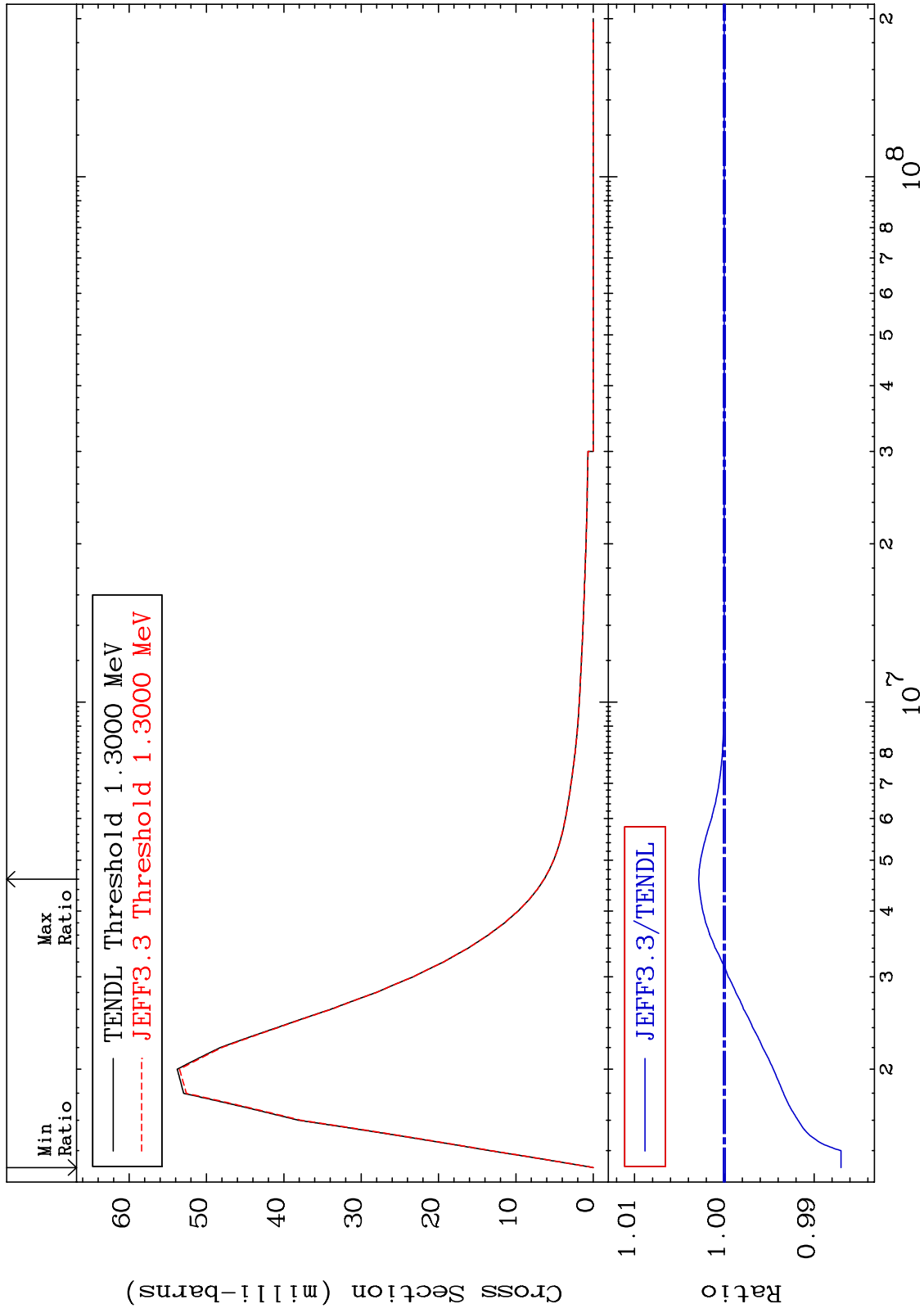




MAT 7843

MT= 57 (n,n') Level  
Cross Section

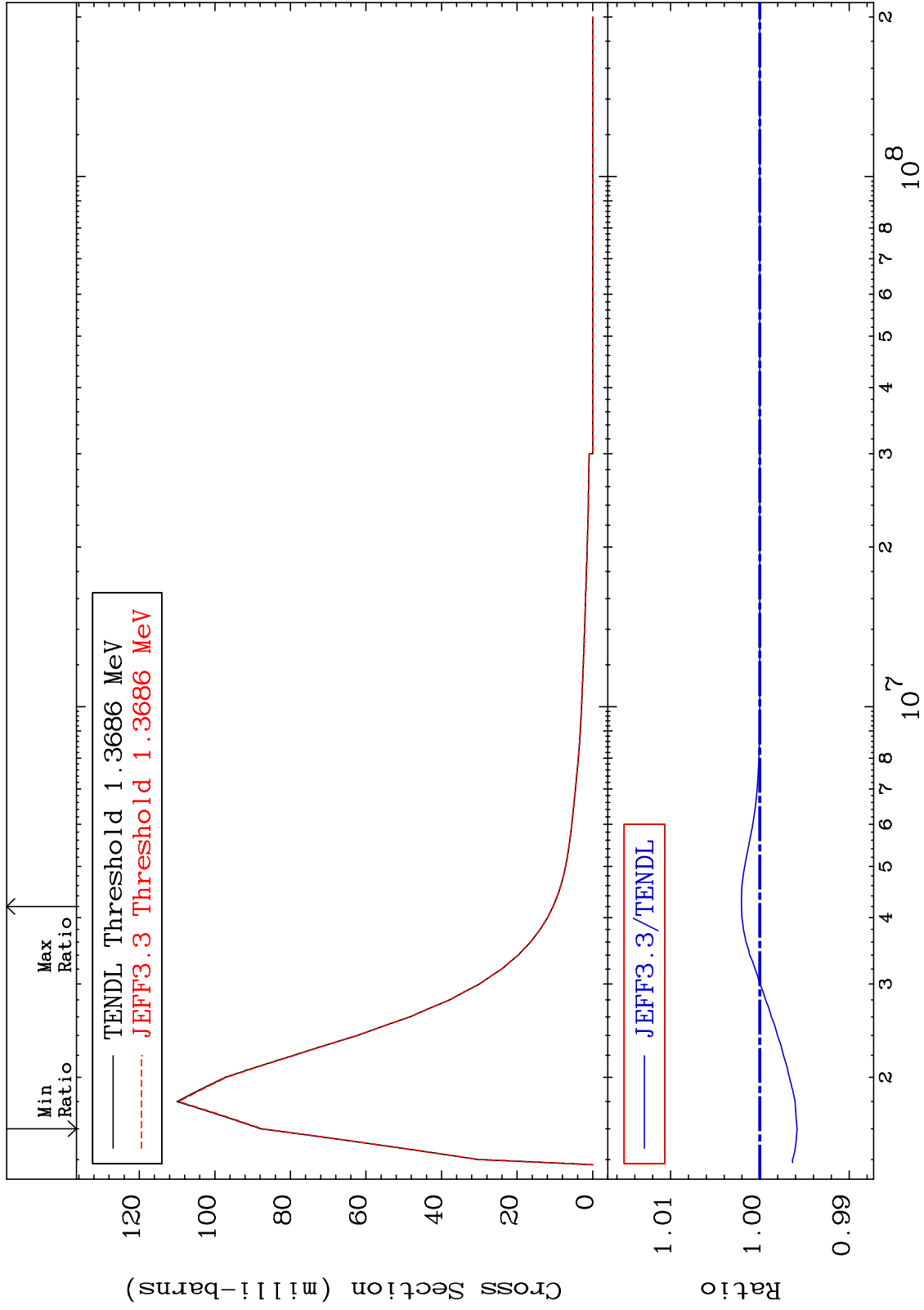
78-Pt-196  
-1.301 To 0.285 %



MAT 7843

MT= 58 (n,n') Level  
Cross Section

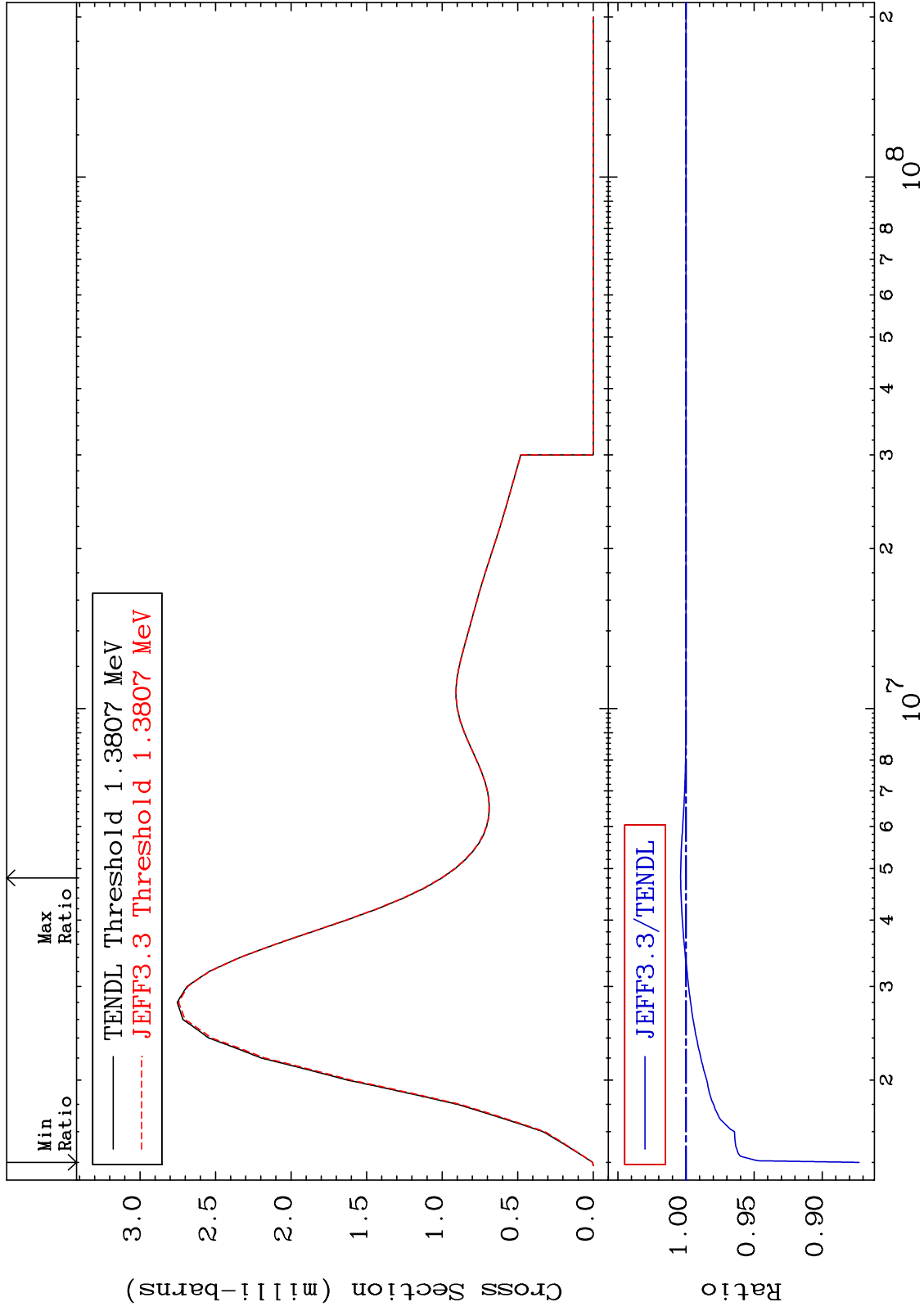
78-Pt-196  
-0.416 To 0.206 %



MAT 7843

MT= 59 (n,n') Level  
Cross Section

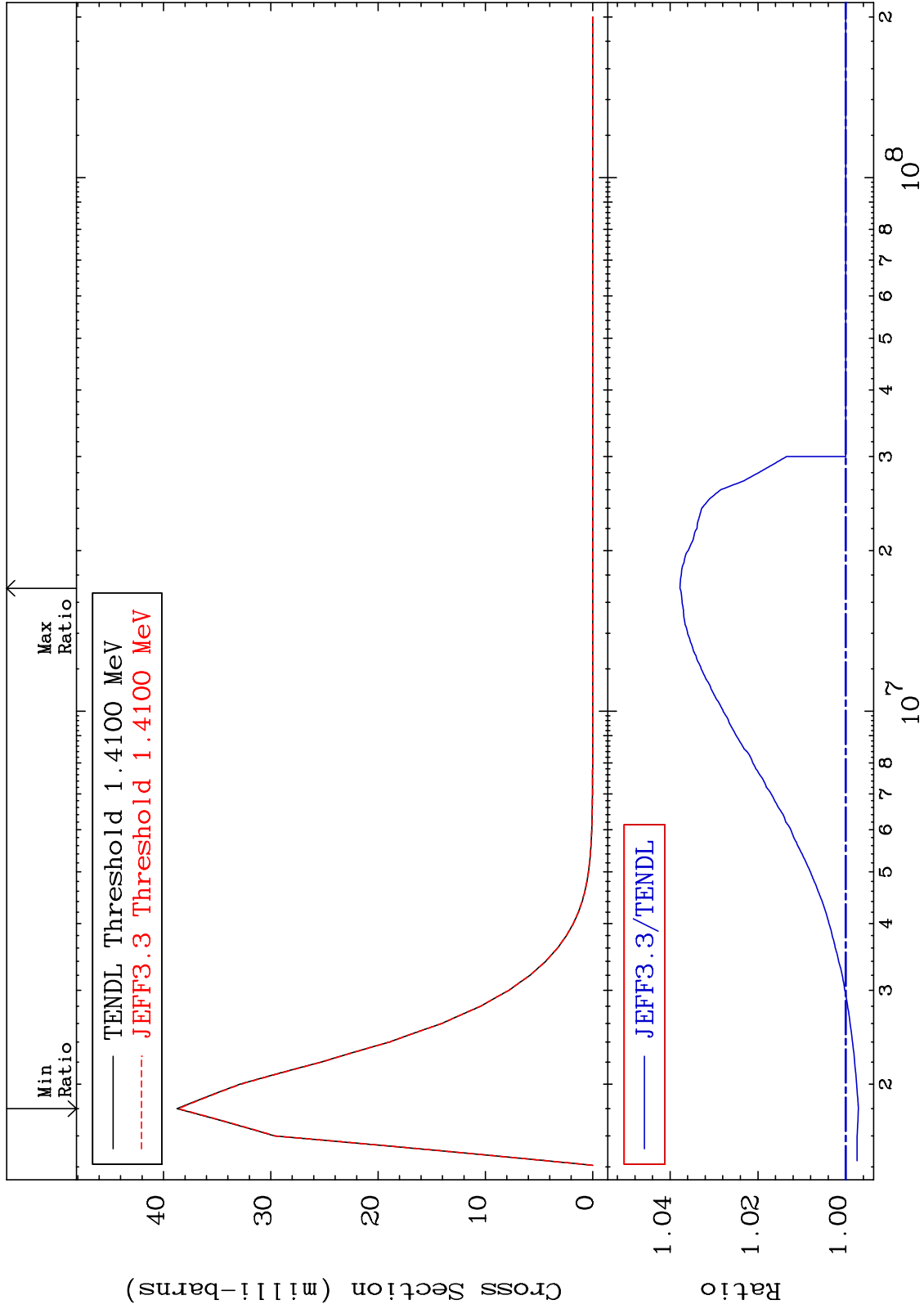
78-Pt-196  
-12.71 To 0.395 %



MAT 7843

MT= 60 (n,n') Level  
Cross Section

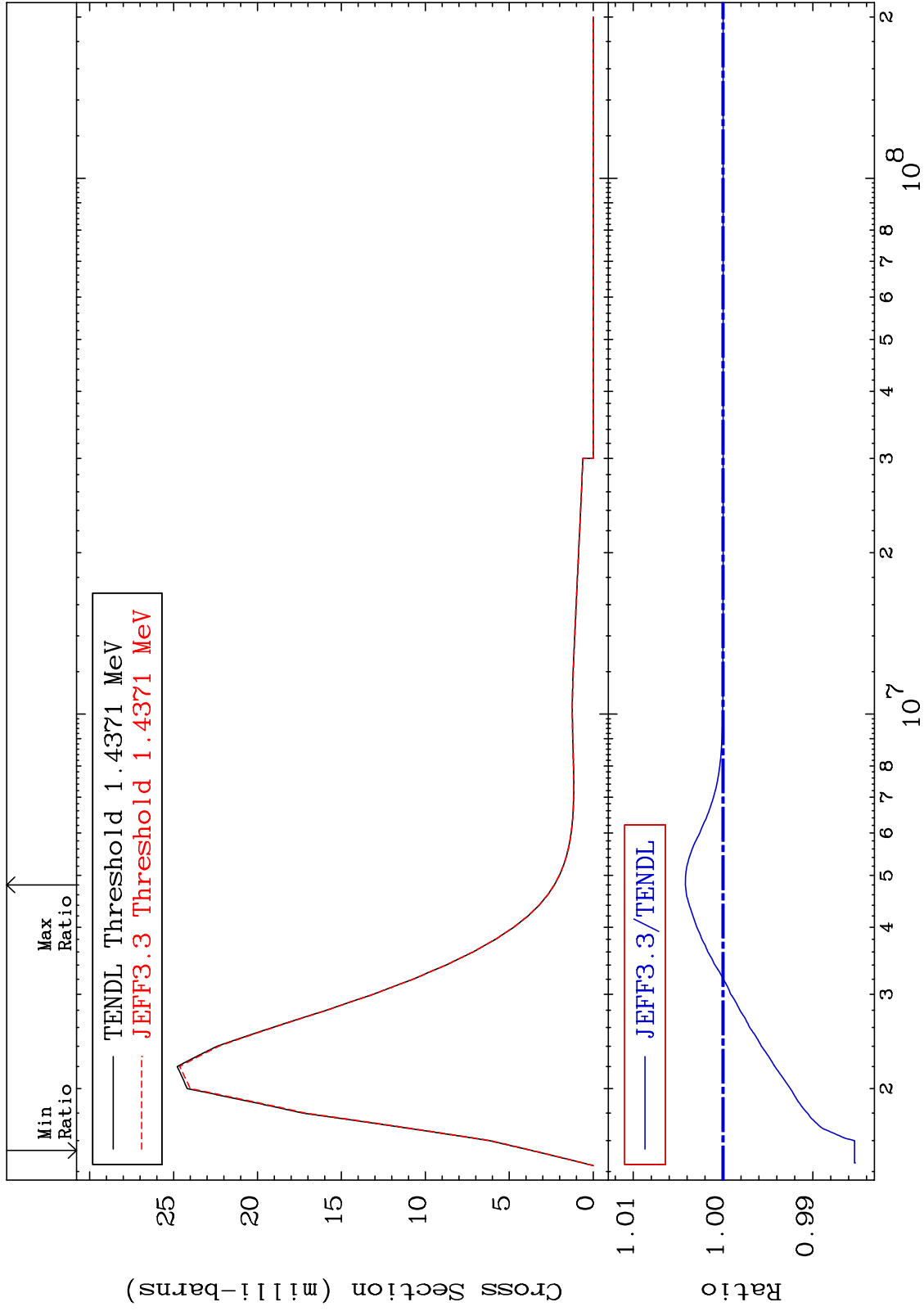
78-Pt-196  
-0.288 To 3.774 %



MAT 7843

MT= 61 (n,n') Level  
Cross Section

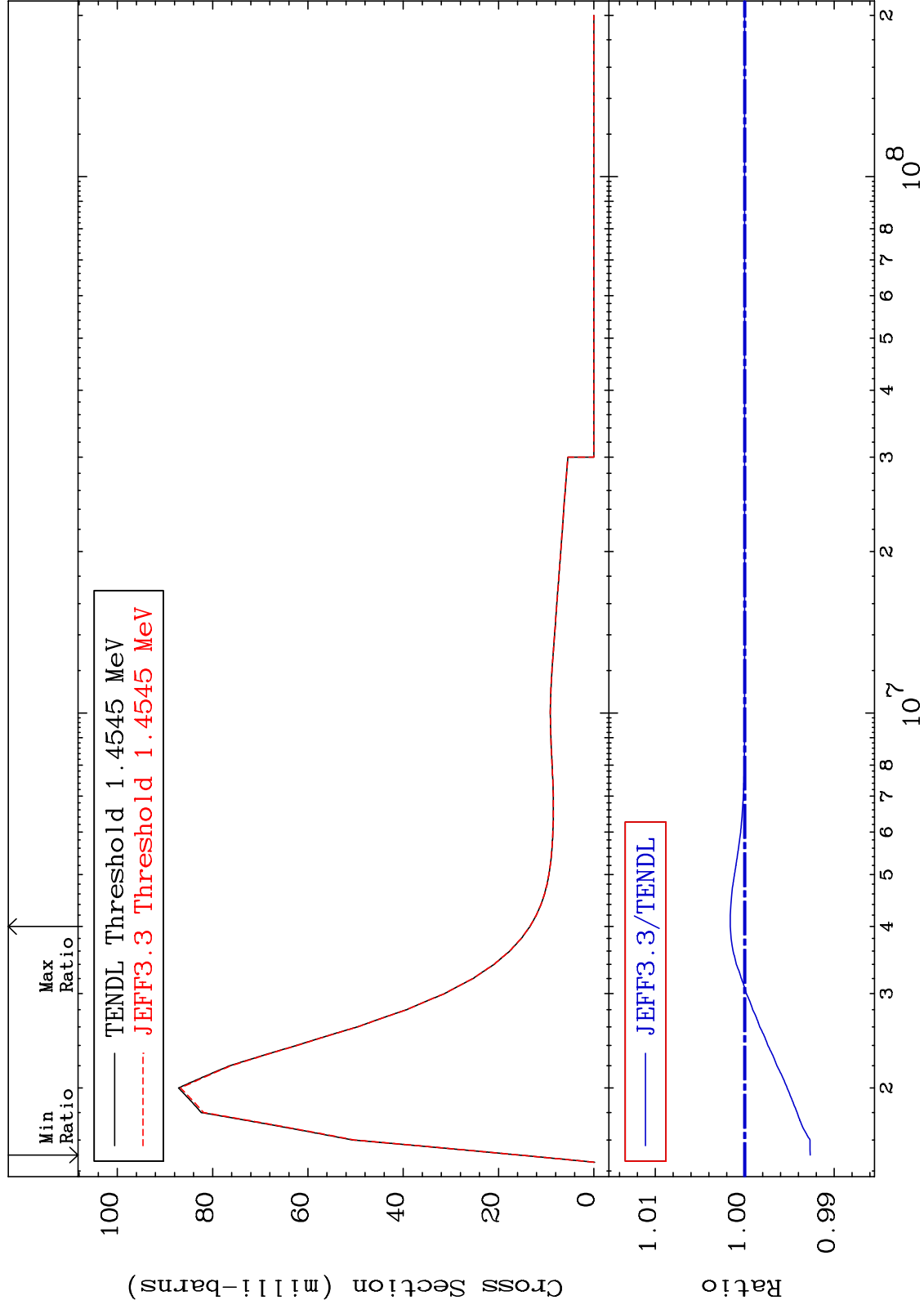
78-Pt-196  
-1.466 To 0.421 %



MAT 7843

MT= 62 (n,n') Level  
Cross Section

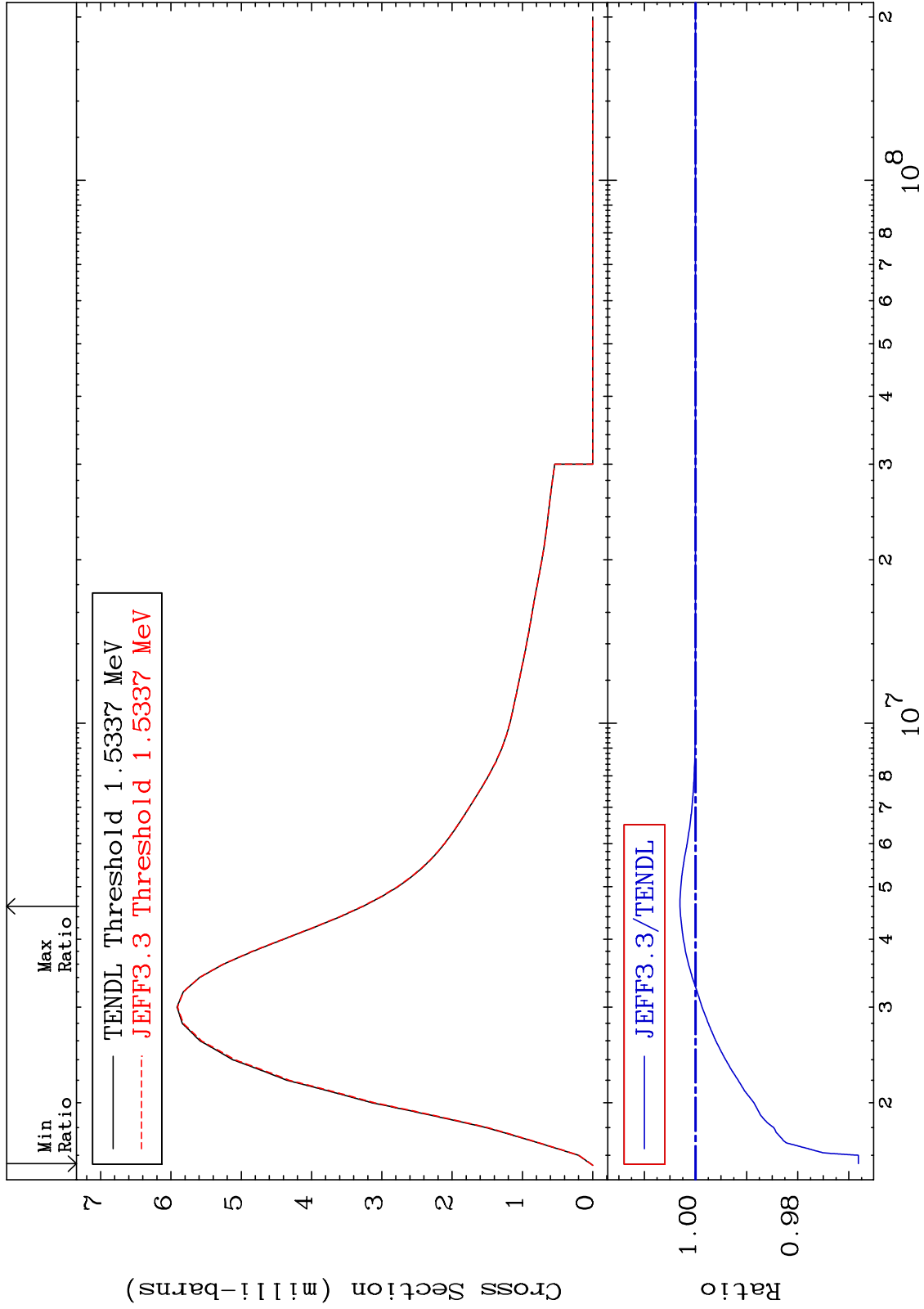
78-Pt-196  
-0.732 To 0.162 %



MAT 7843

MT= 63 (n,n') Level  
Cross Section

78-Pt-196  
-3.187 To 0.303 %



30

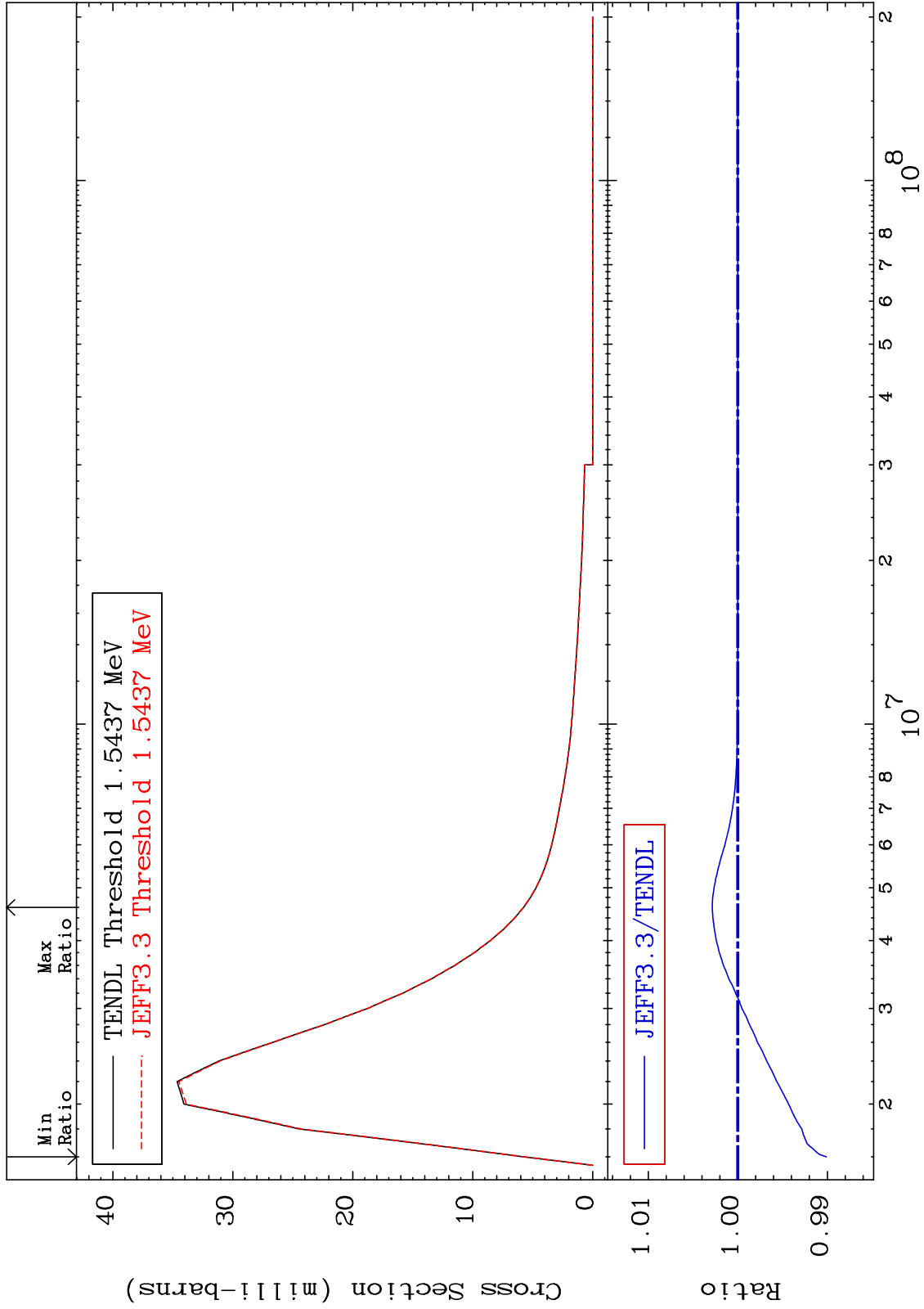
Incident Energy (eV)

78-Pt-196

MAT 7843

MT= 64 (n,n') Level  
Cross Section

78-Pt-196  
-0.988 To 0.286 %

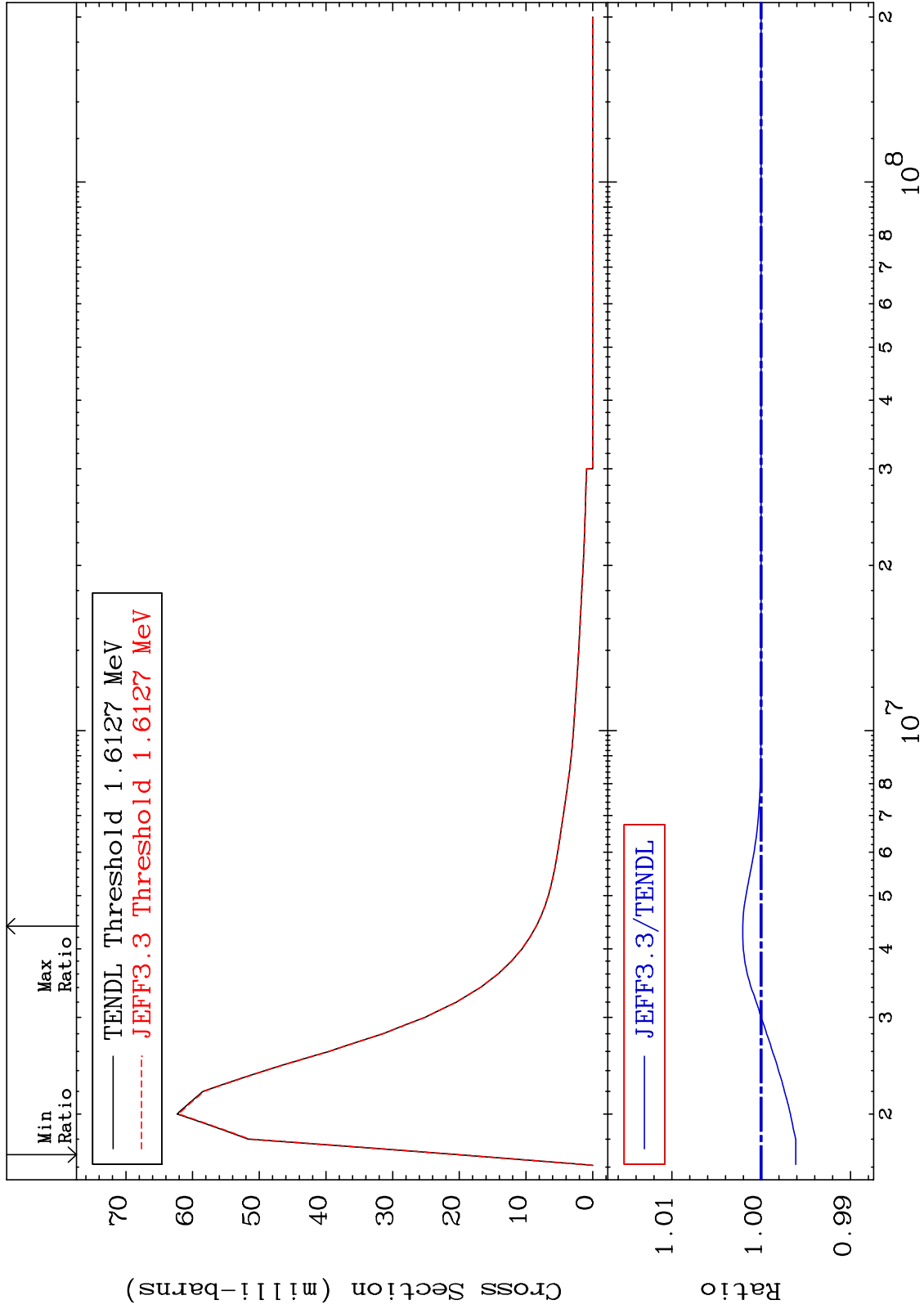




MAT 7843

MT= 65 (n,n') Level  
Cross Section

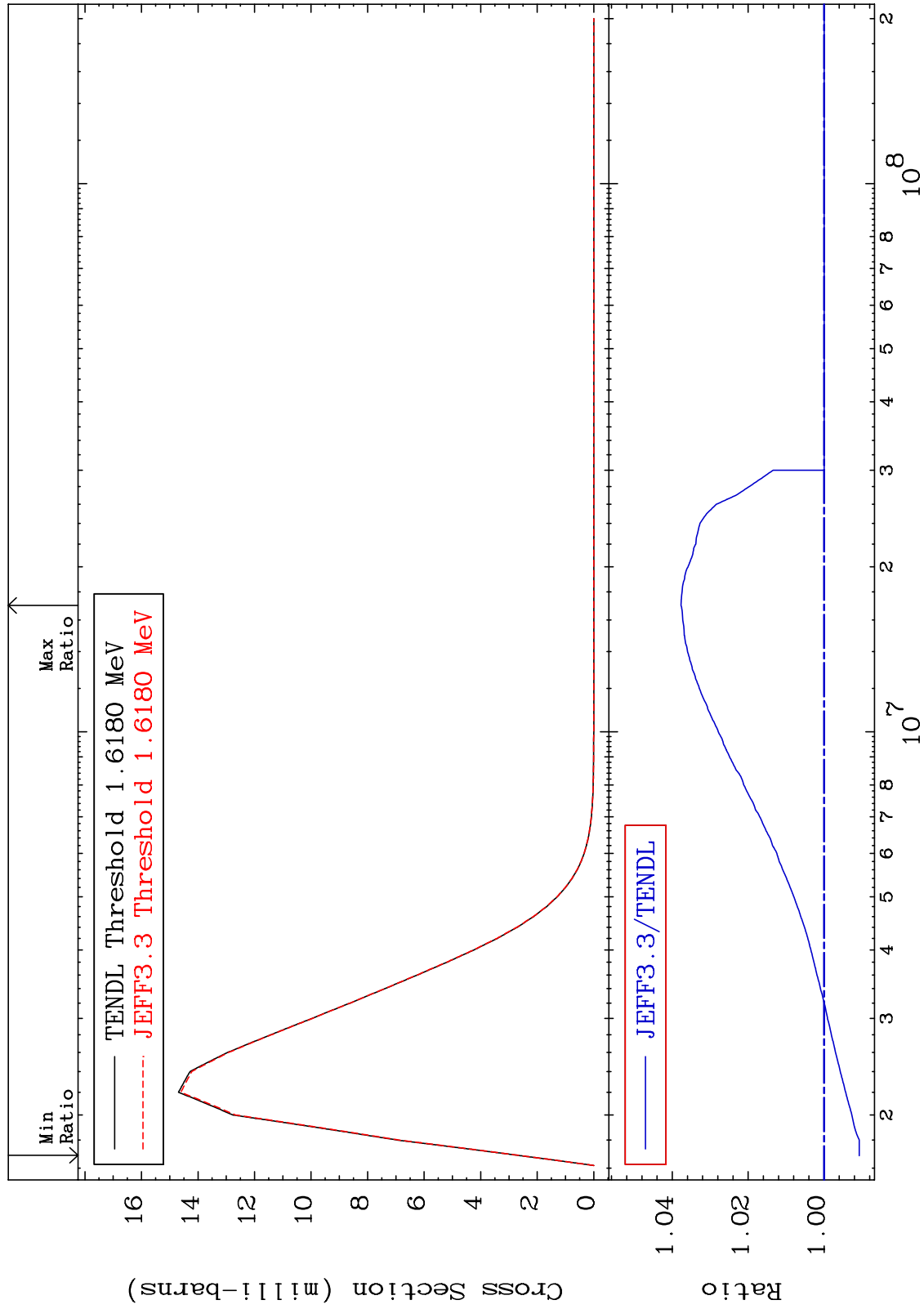
78-Pt-196  
-0.387 To 0.207 %



MAT 7843

MT= 66 (n,n') Level  
Cross Section

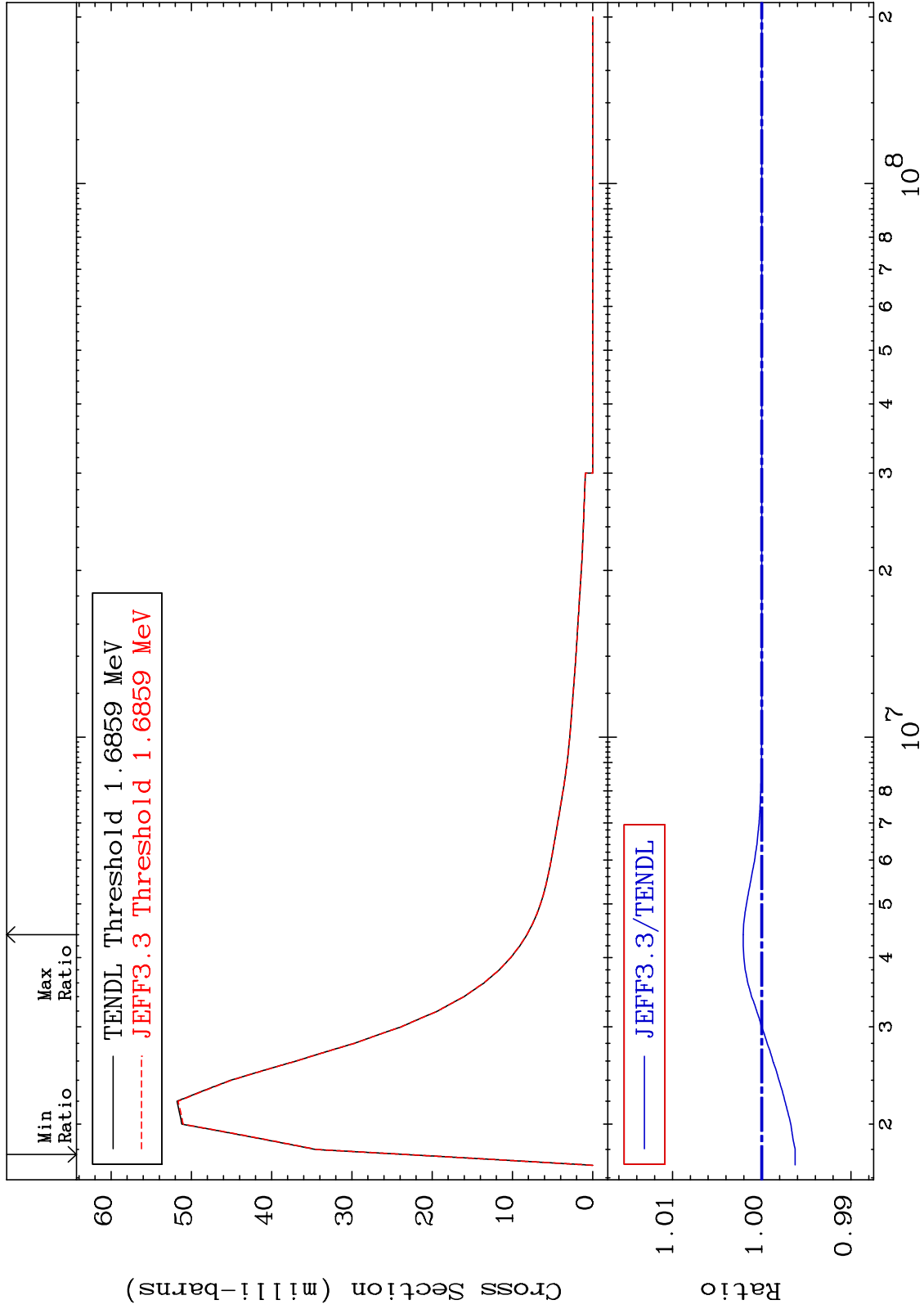
78-Pt-196  
-0.928 To 3.768 %



MAT 7843

MT= 67 (n,n') Level  
Cross Section

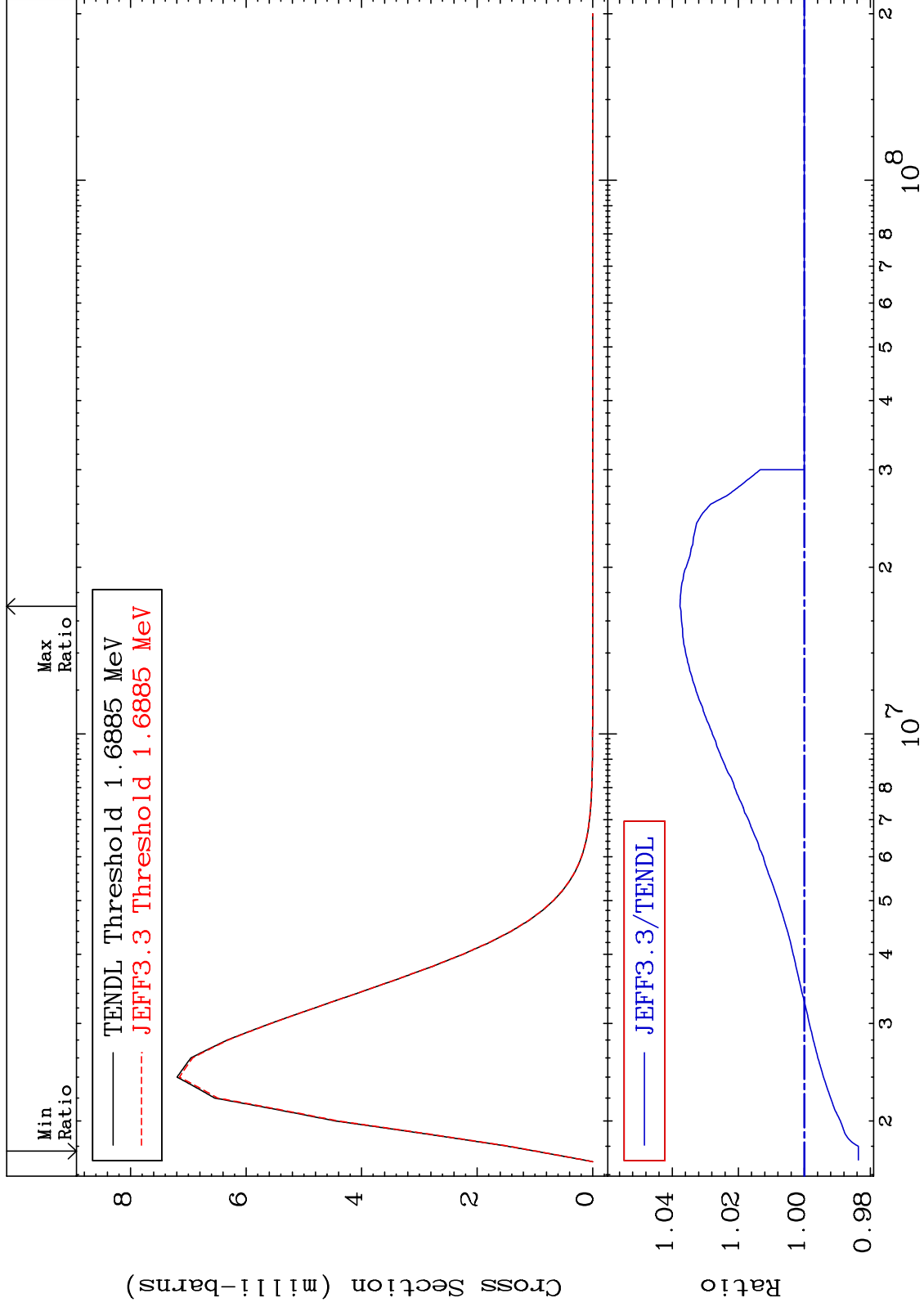
78-Pt-196  
-0.374 To 0.207 %



MAT 7843

MT= 68 (n,n') Level  
Cross Section

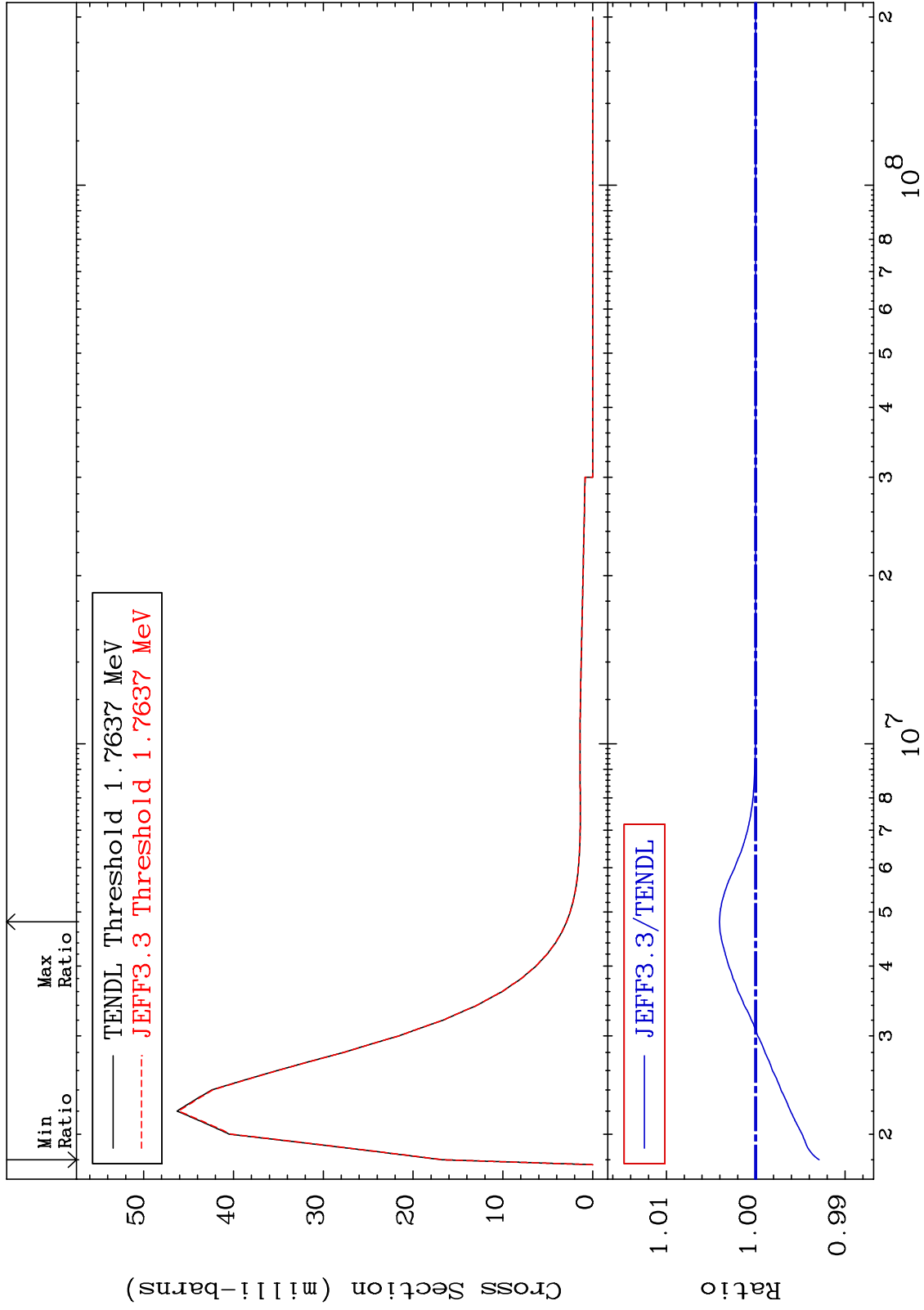
78-Pt-196  
-1.639 To 3.766 %



MAT 7843

MT= 69 (n,n') Level  
Cross Section

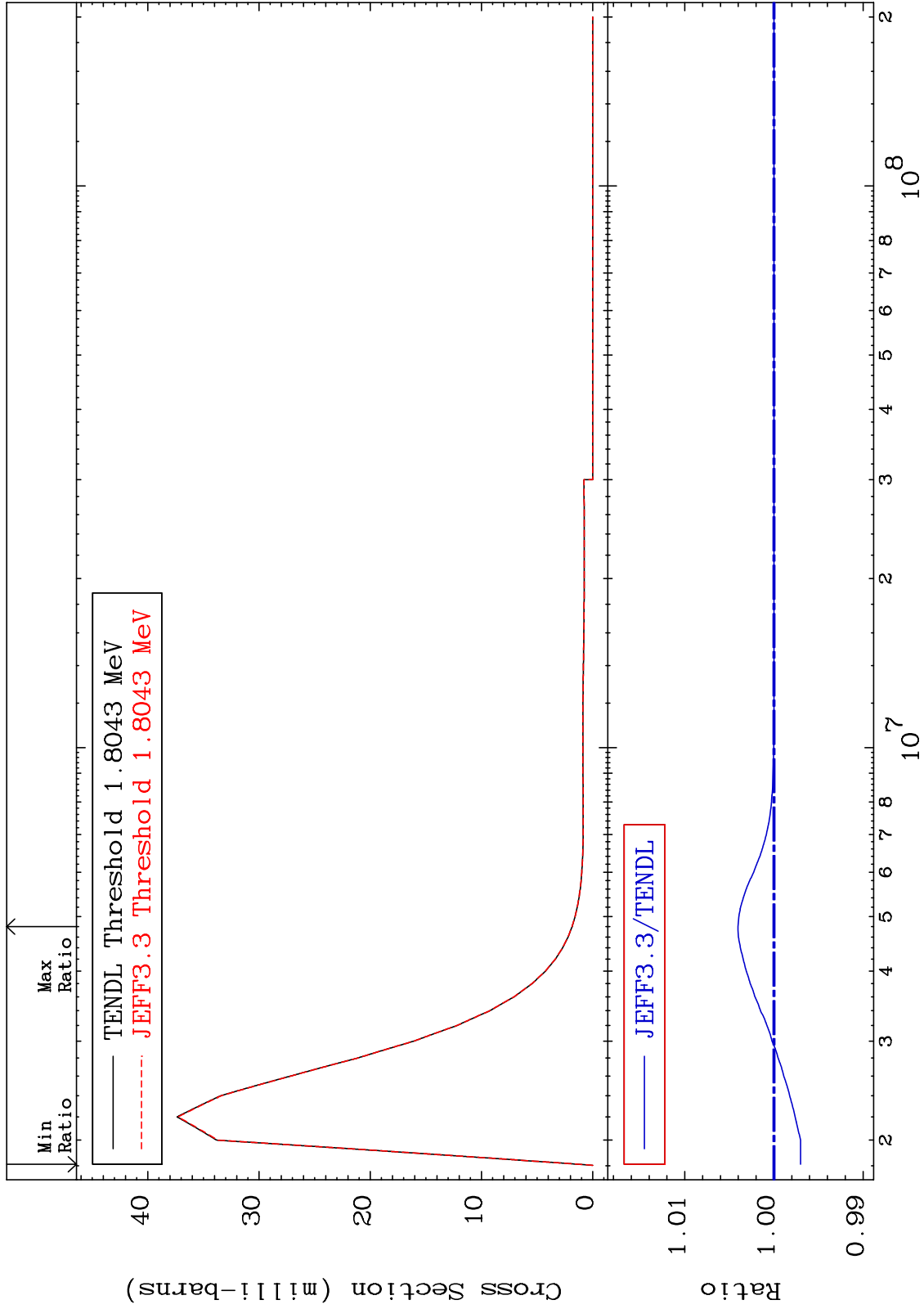
78-Pt-196  
-0.710 To 0.407 %



MAT 7843

MT= 70 (n,n') Level  
Cross Section

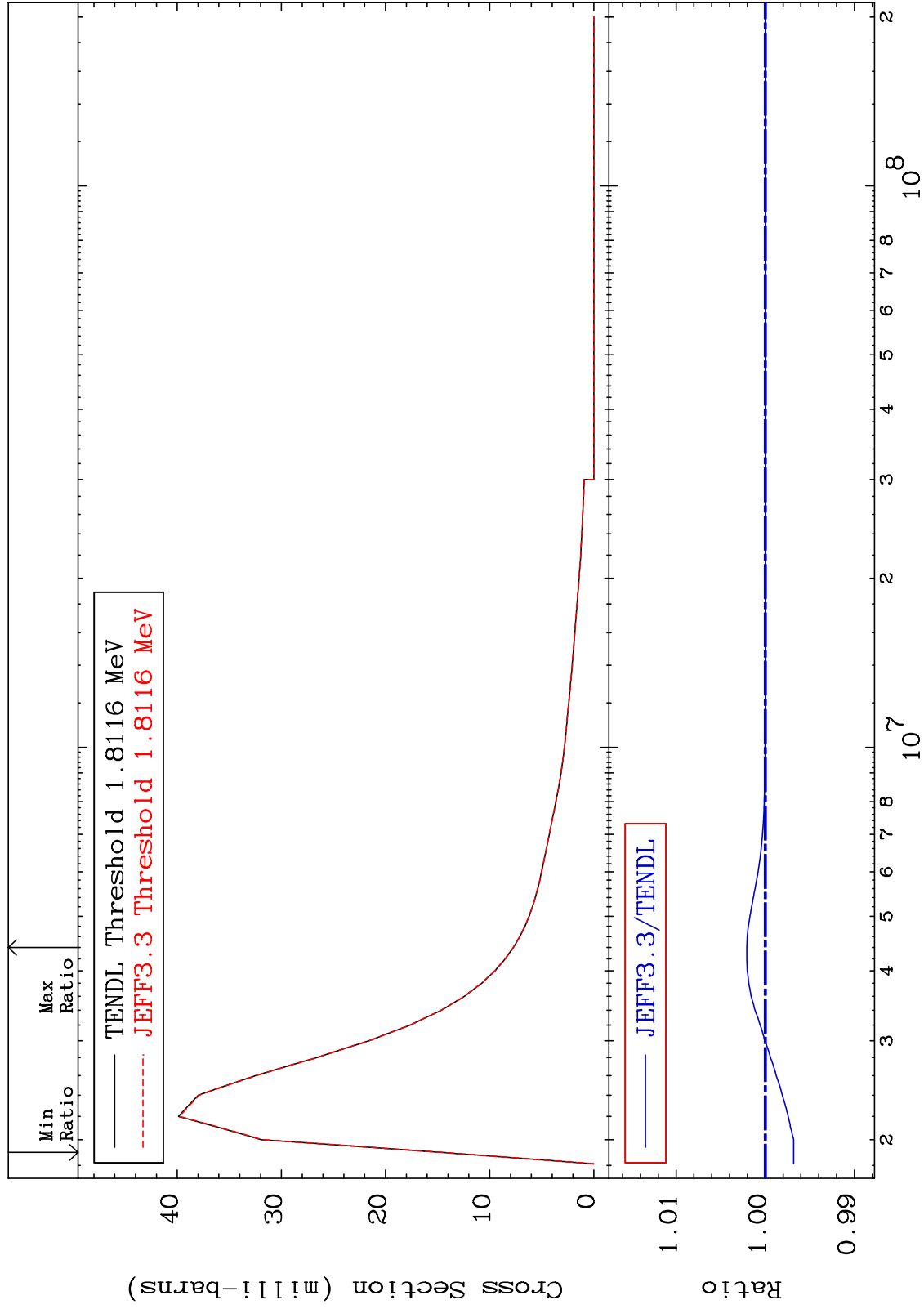
78-Pt-196  
-0.299 To 0.405 %



MAT 7843

MT= 71 (n,n') Level  
Cross Section

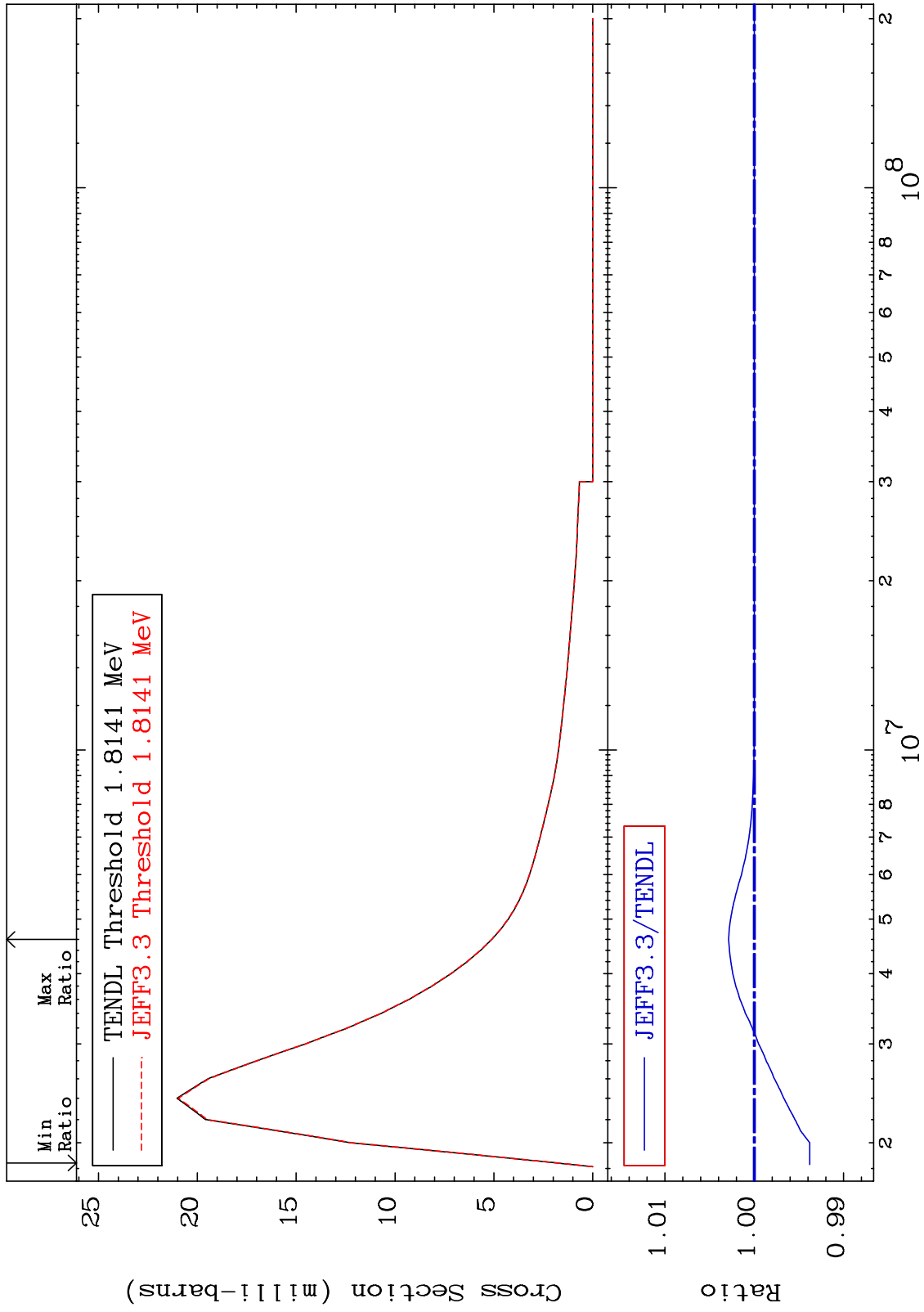
78-Pt-196  
-0.318 To 0.208 %



MAT 7843

MT= 72 (n, n') Level  
Cross Section

78-Pt-196  
-0.621 To 0.287 %

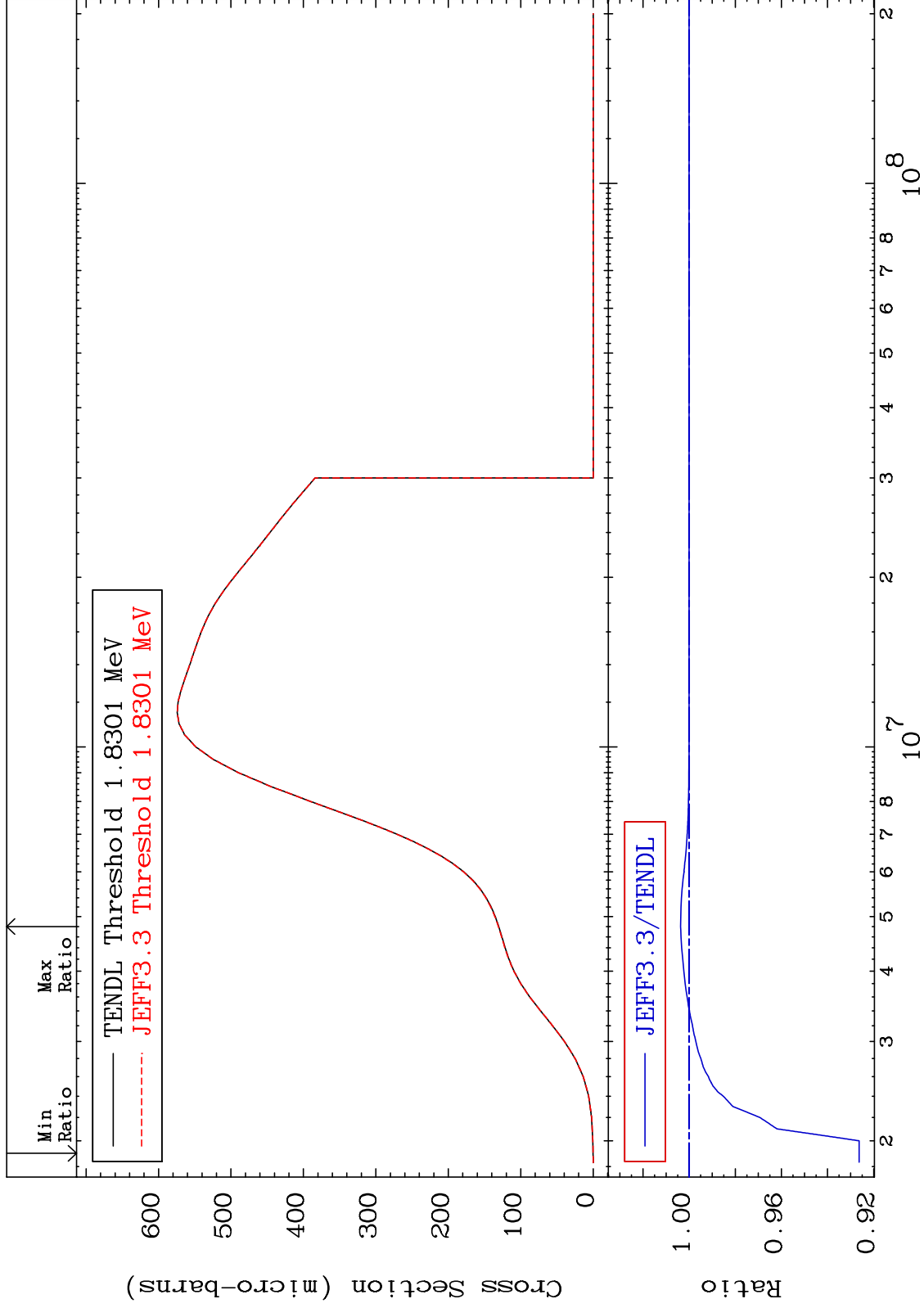




MAT 7843

MT= 73 (n,n') Level  
Cross Section

78-Pt-196  
-7.371 To 0.370 %



40

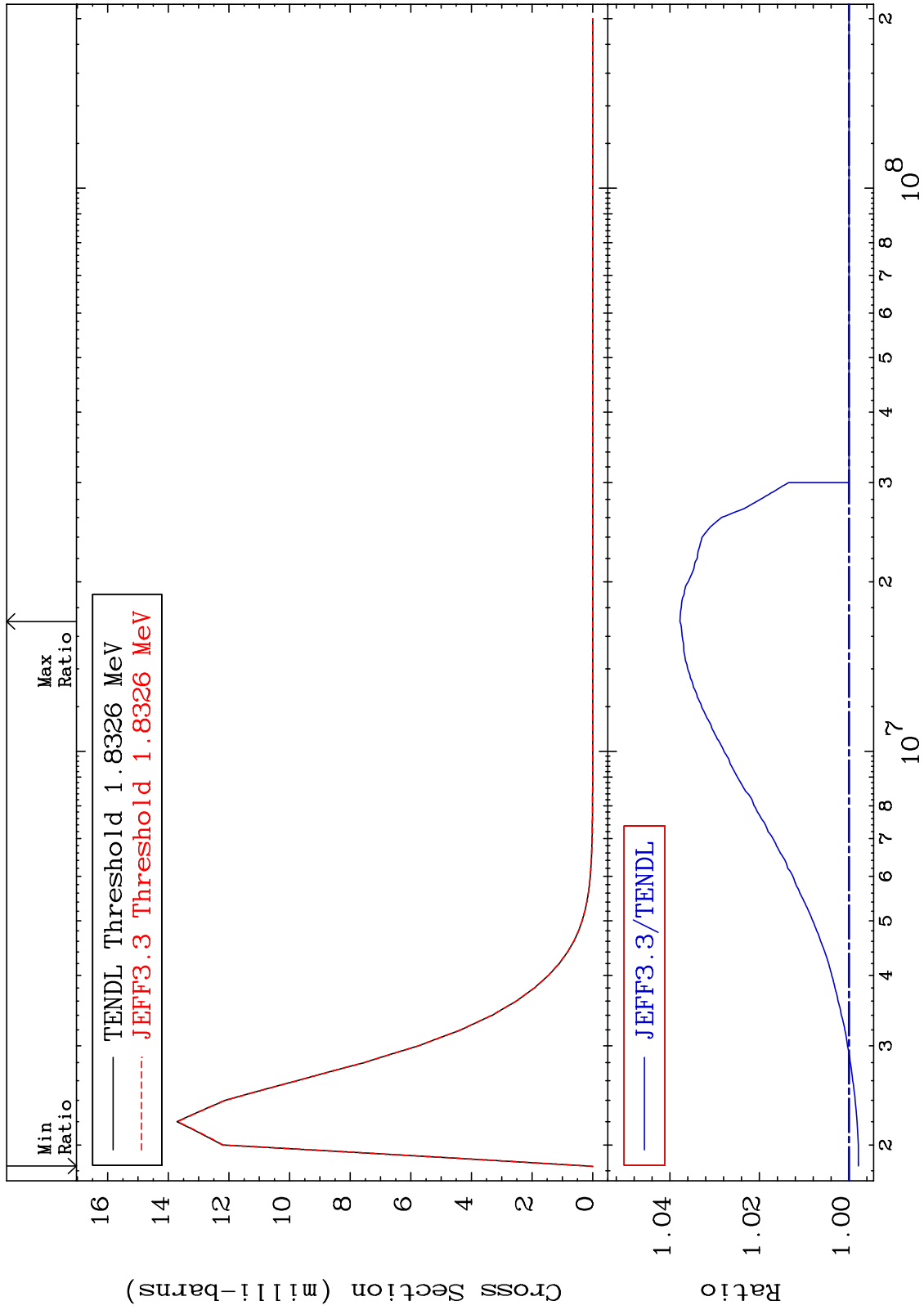
Incident Energy (eV)

78-Pt-196

MAT 7843

MT= 74 (n,n') Level  
Cross Section

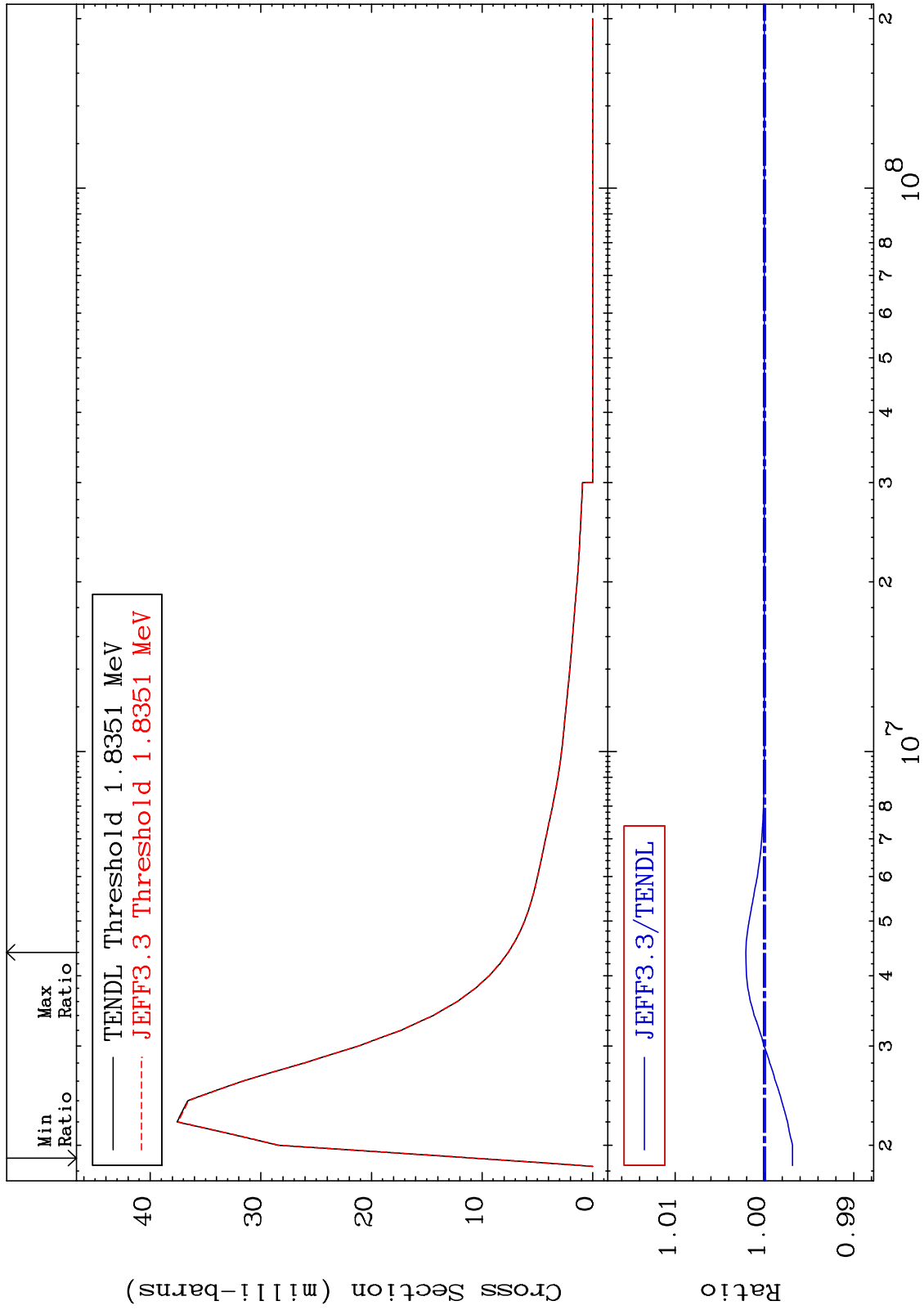
78-Pt-196  
-0.211 To 3.775 %



MAT 7843

MT= 75 (n,n') Level  
Cross Section

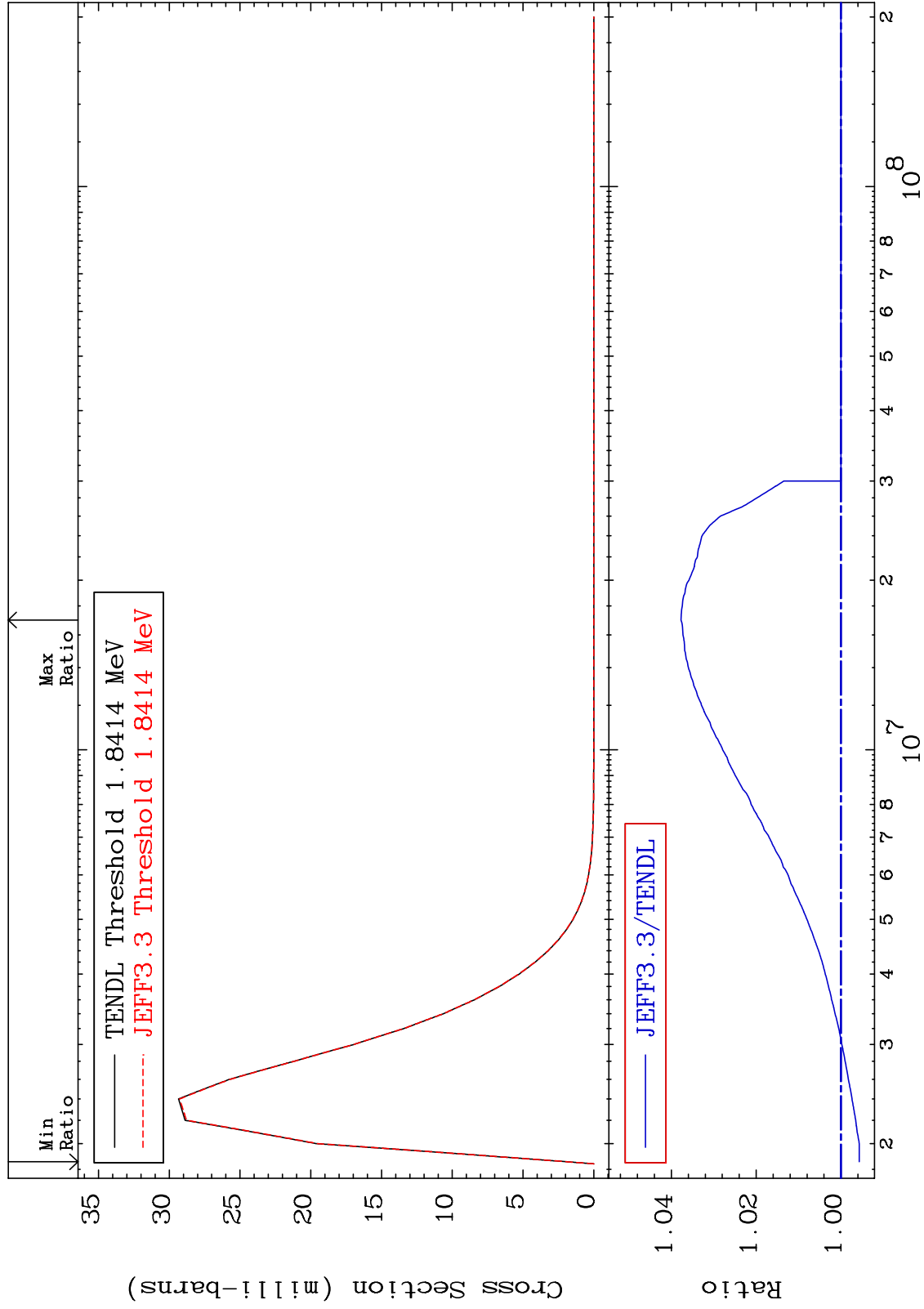
78-Pt-196  
-0.314 To 0.208 %



MAT 7843

MT= 76 (n,n') Level  
Cross Section

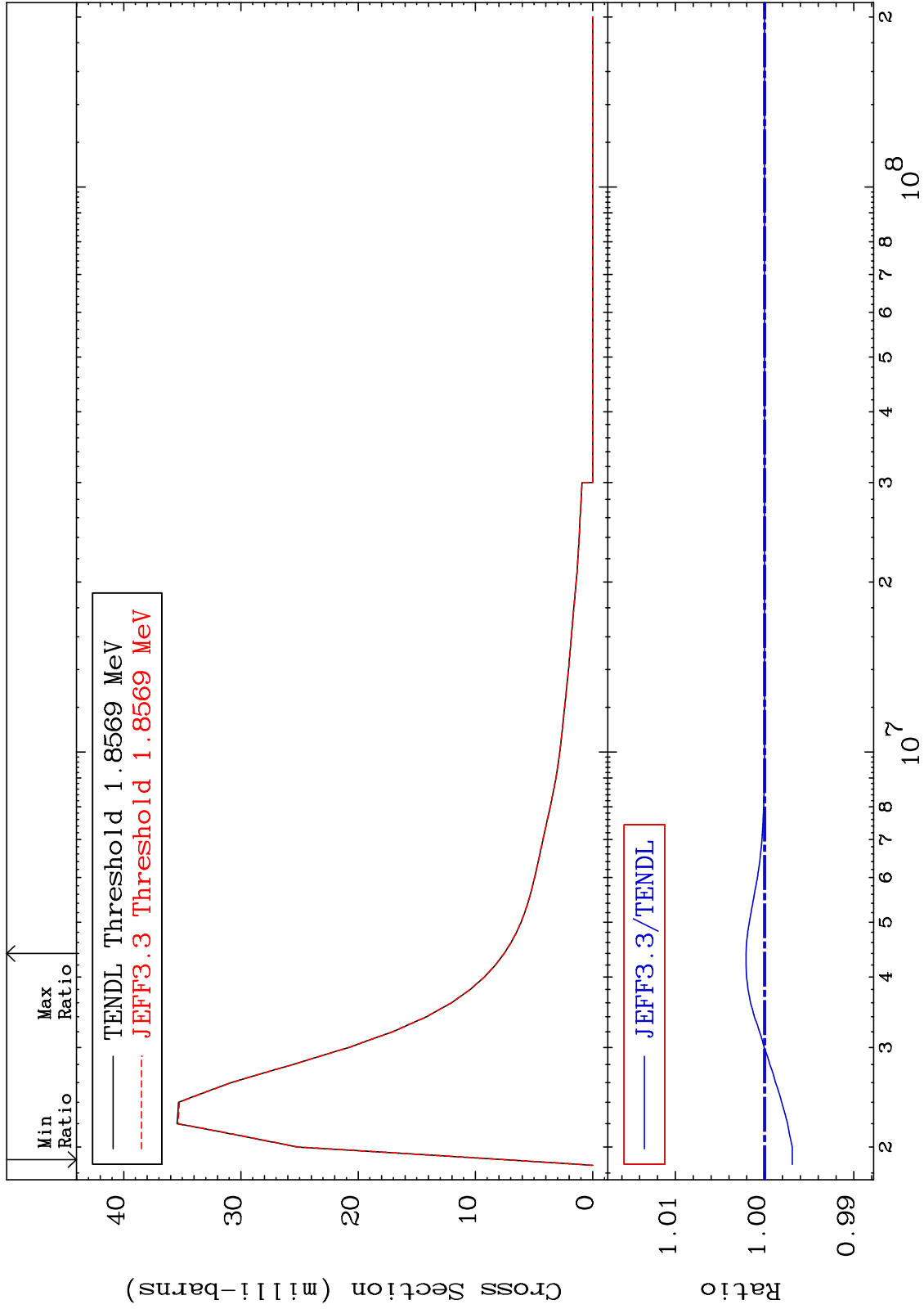
78-Pt-196  
-0.432 To 3.772 %



MAT 7843

MT= 77 (n,n') Level  
Cross Section

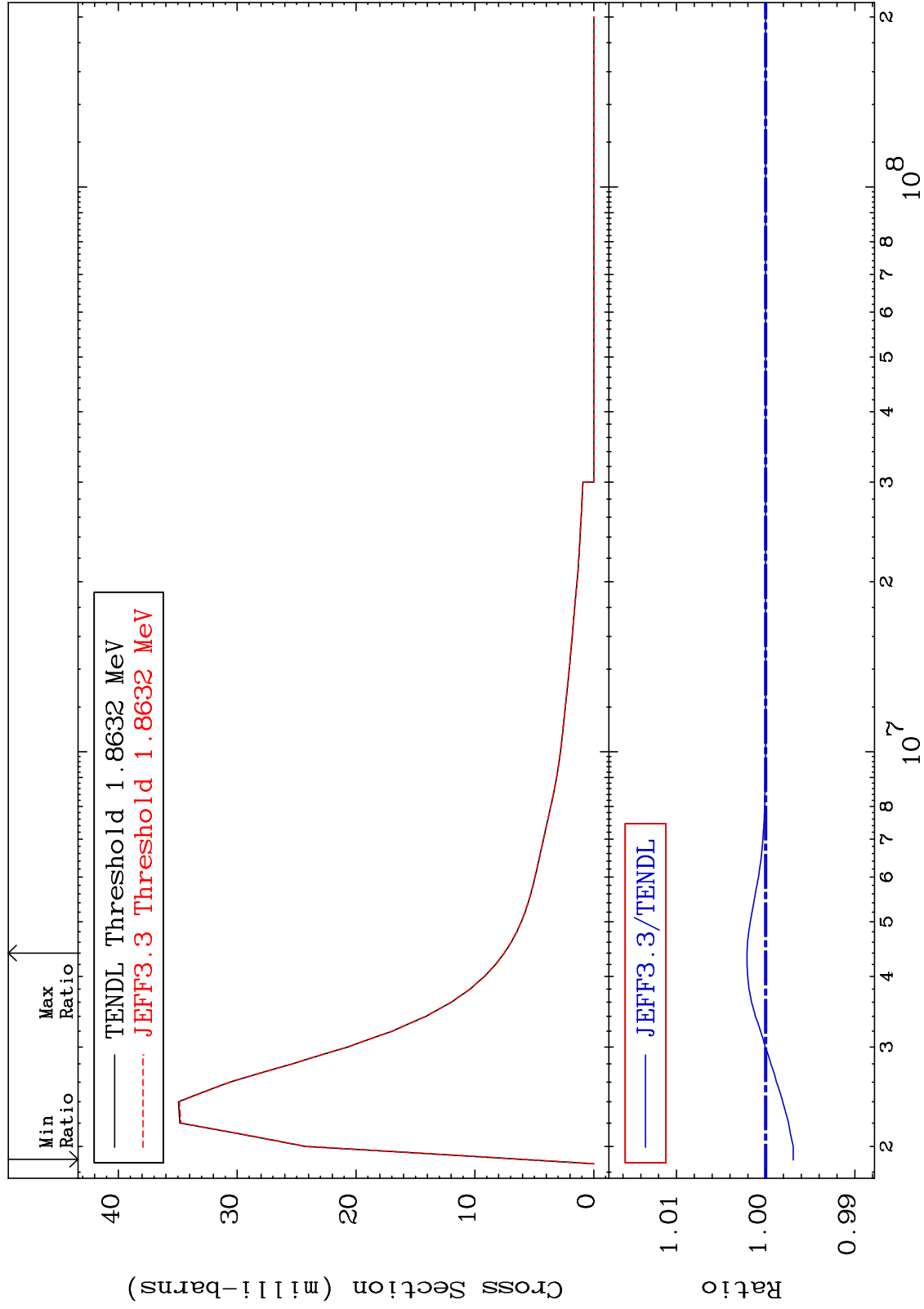
78-Pt-196  
-0.310 To 0.208 %



MAT 7843

MT= 78 (n,n') Level  
Cross Section

78-Pt-196  
-0.310 To 0.208 %



45

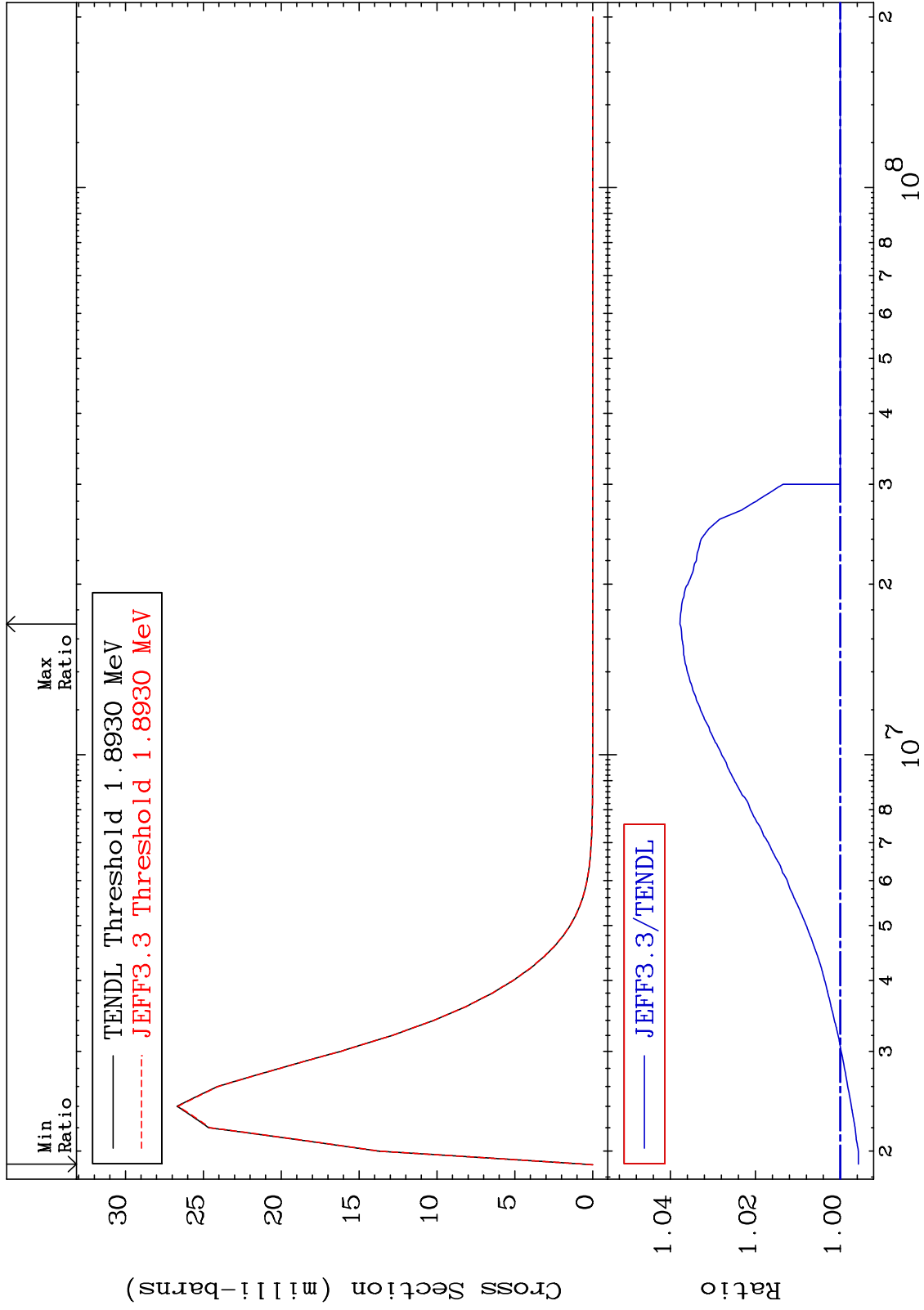
Incident Energy (eV)

78-Pt-196

MAT 7843

MT= 79 (n,n') Level  
Cross Section

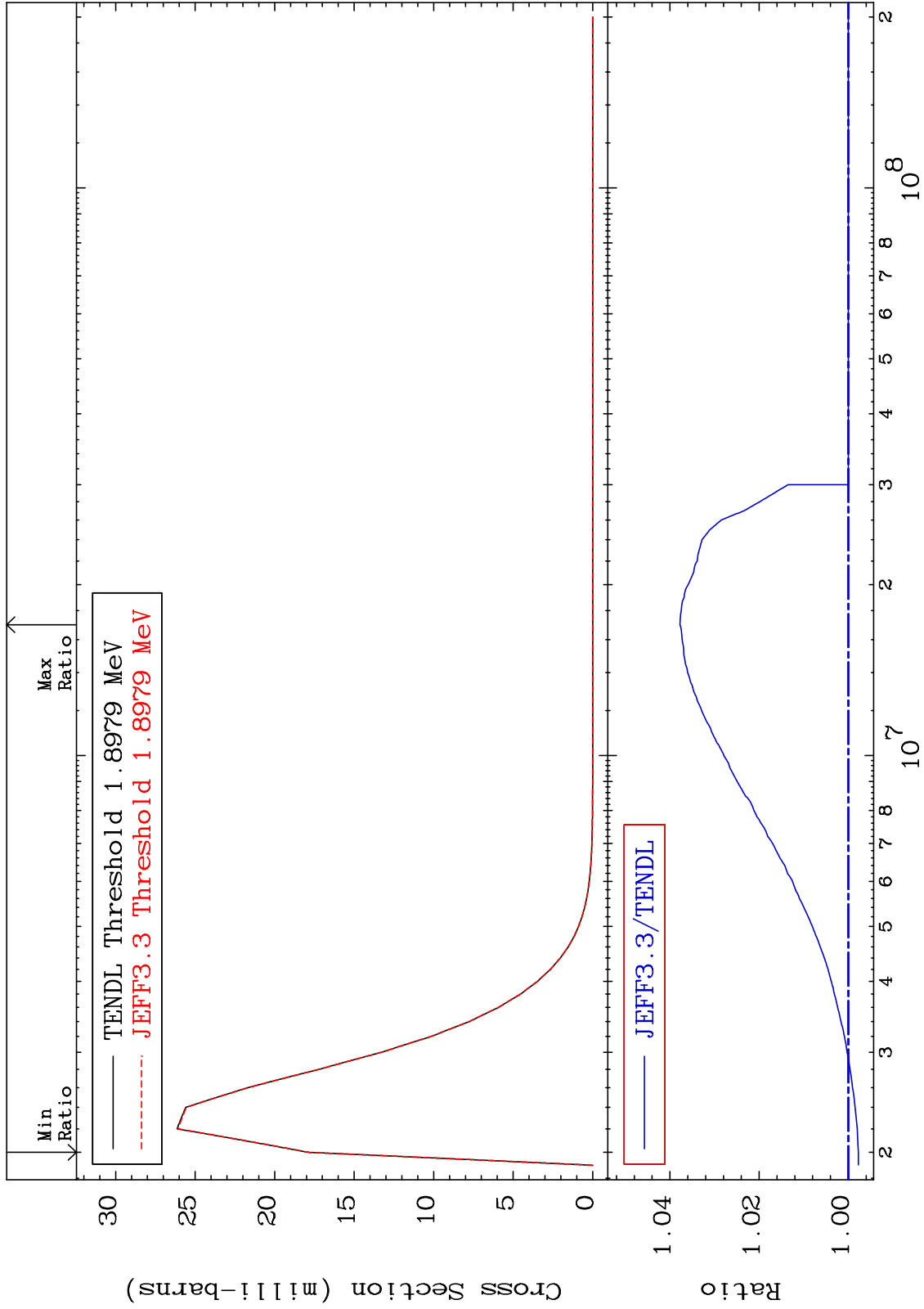
78-Pt-196  
-0.425 To 3.772 %



MAT 7843

MT= 80 (n,n') Level  
Cross Section

78-Pt-196  
-0.226 To 3.774 %



47

Incident Energy (eV)

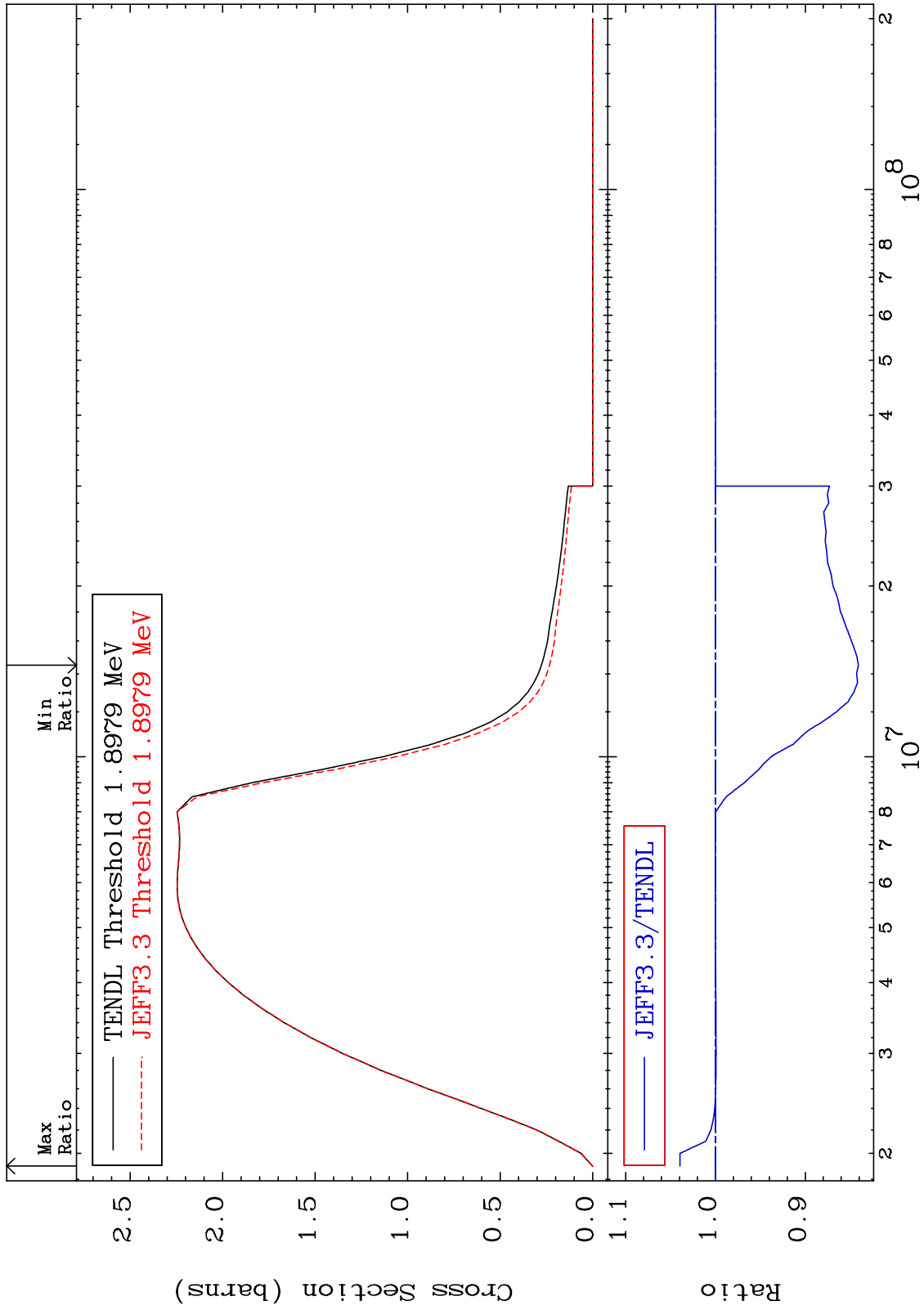
78-Pt-196



MAT 7843

(n, n') Continuum  
Cross Section

78-Pt-196  
-15.91 To 3.938 %



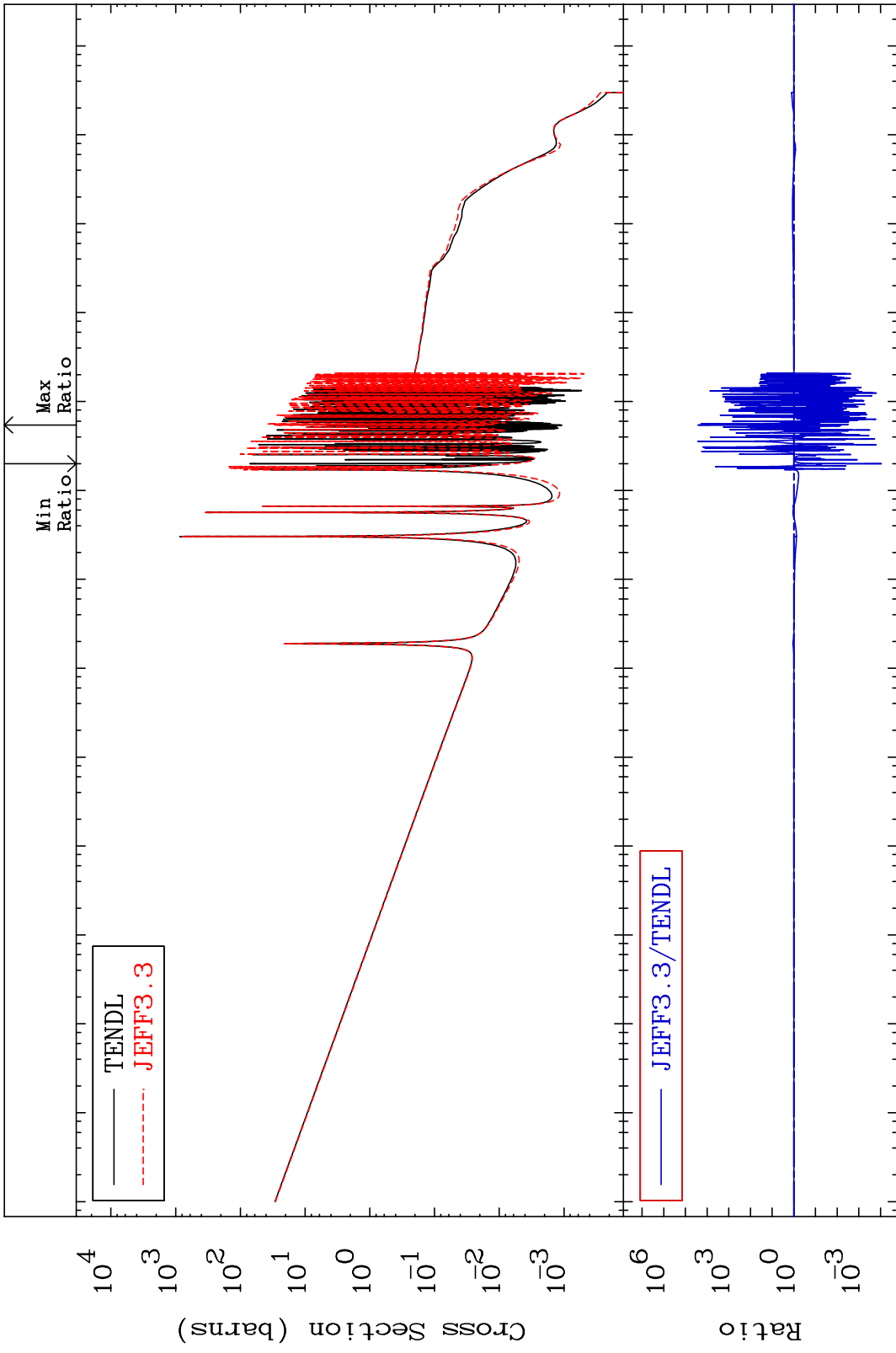
MAT 7843

(n,  $\gamma$ )

78-Pt-196

-99.99 To 9999. %

Cross Section



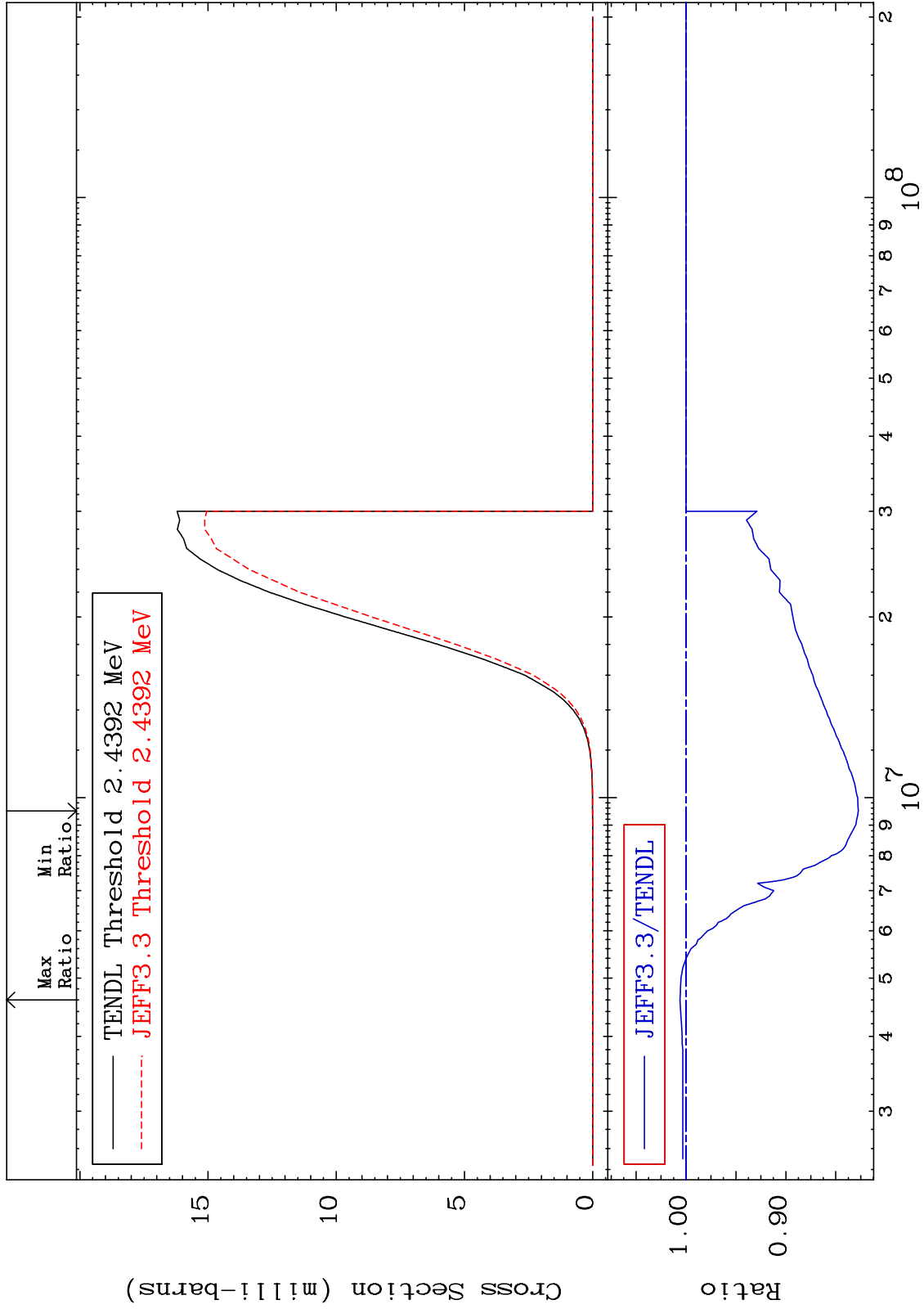
MAT 7843

(n, p)

78-Pt-196

Cross Section

-17.27 To 0.603 %



50

78-Pt-196

78-Pt-196

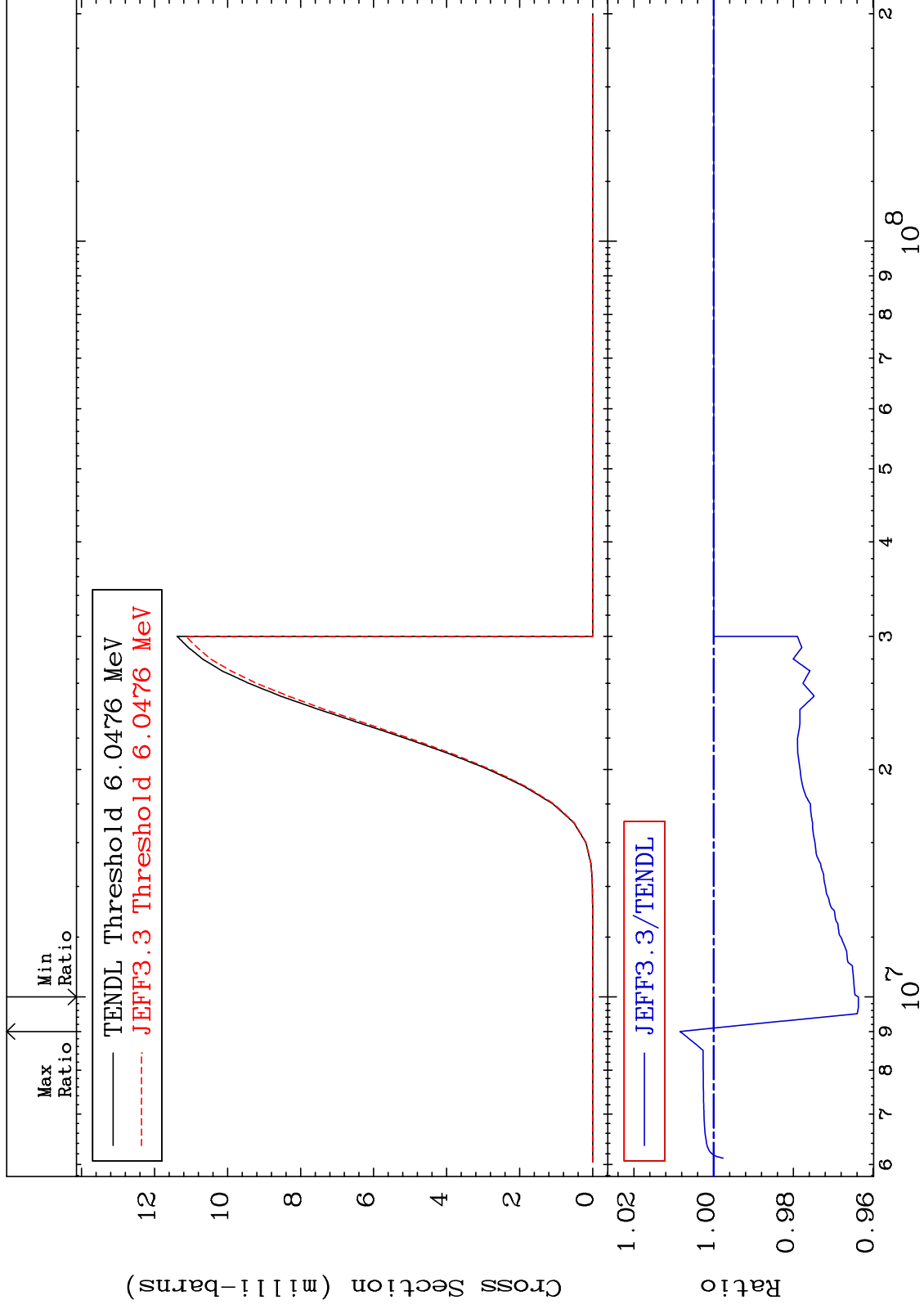
MAT 7843

(n, d)

78-Pt-196

Cross Section

-3.632 To 0.844 %



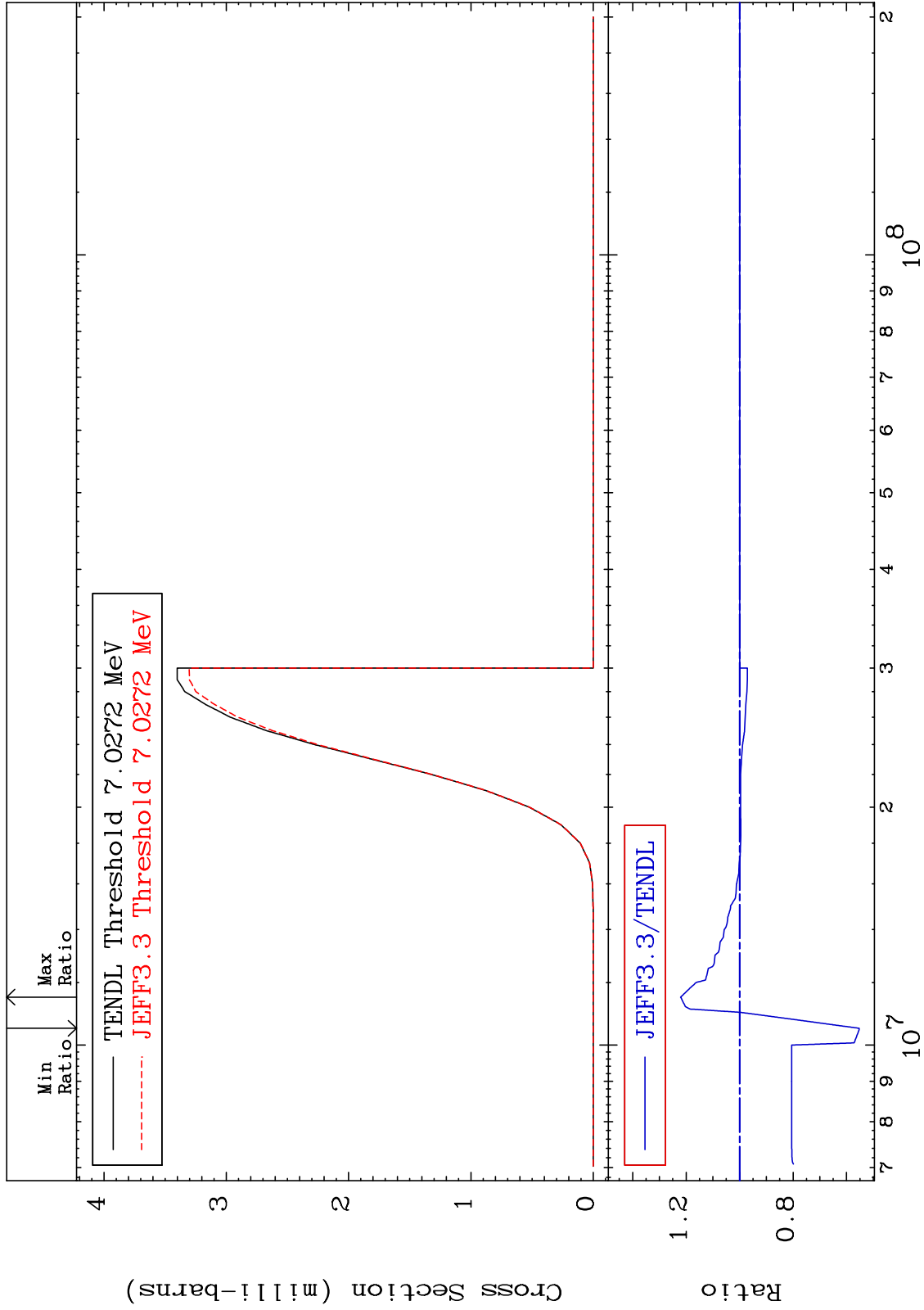
MAT 7843

(n, t)

78-Pt-196

Cross Section

-44.71 To 22.06 %



52

78-Pt-196

78-Pt-196

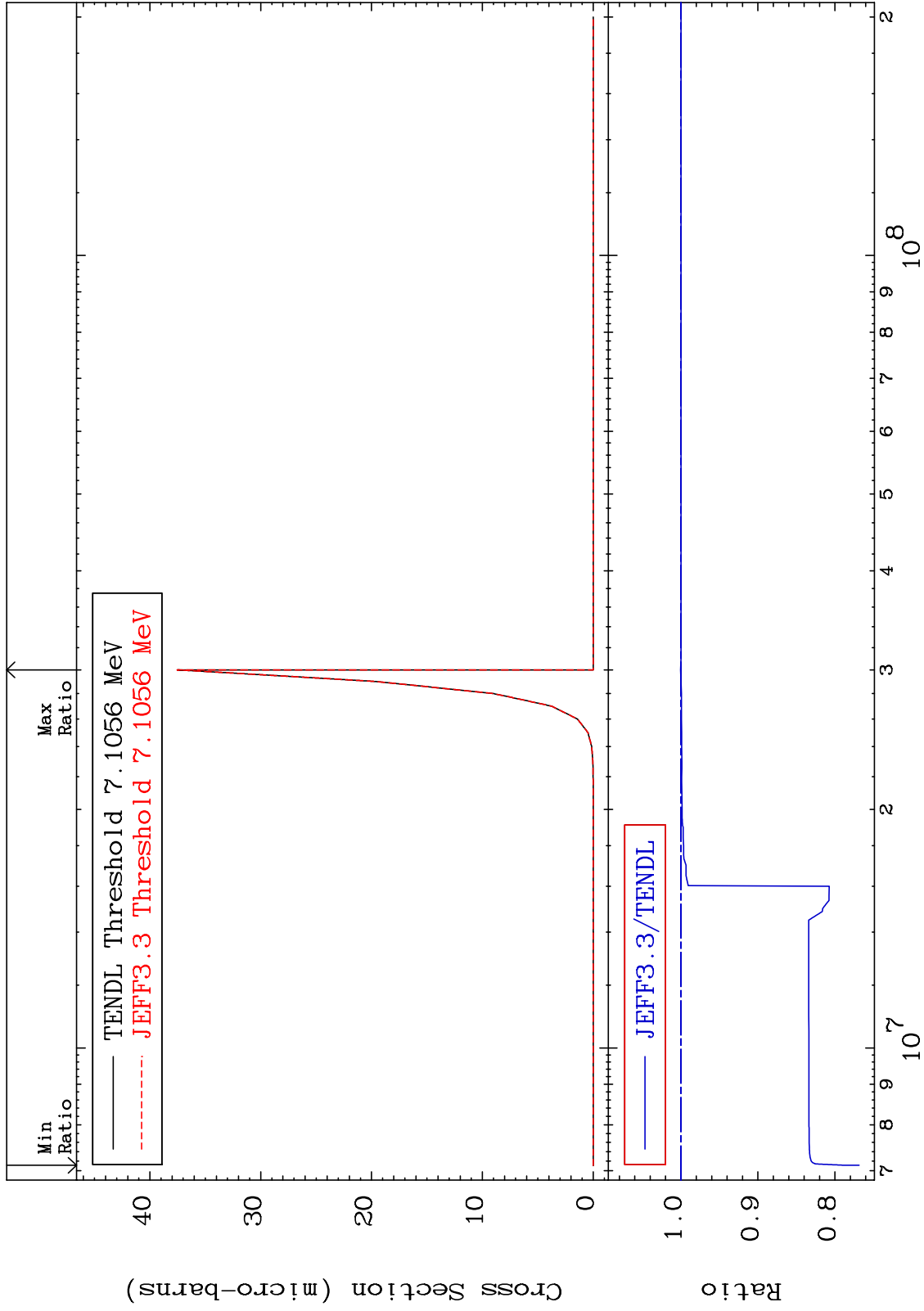
MAT 7843

(n, He-3)

78-Pt-196

Cross Section

-23.15 To 0.043 %



Incident Energy (eV)

78-Pt-196

53

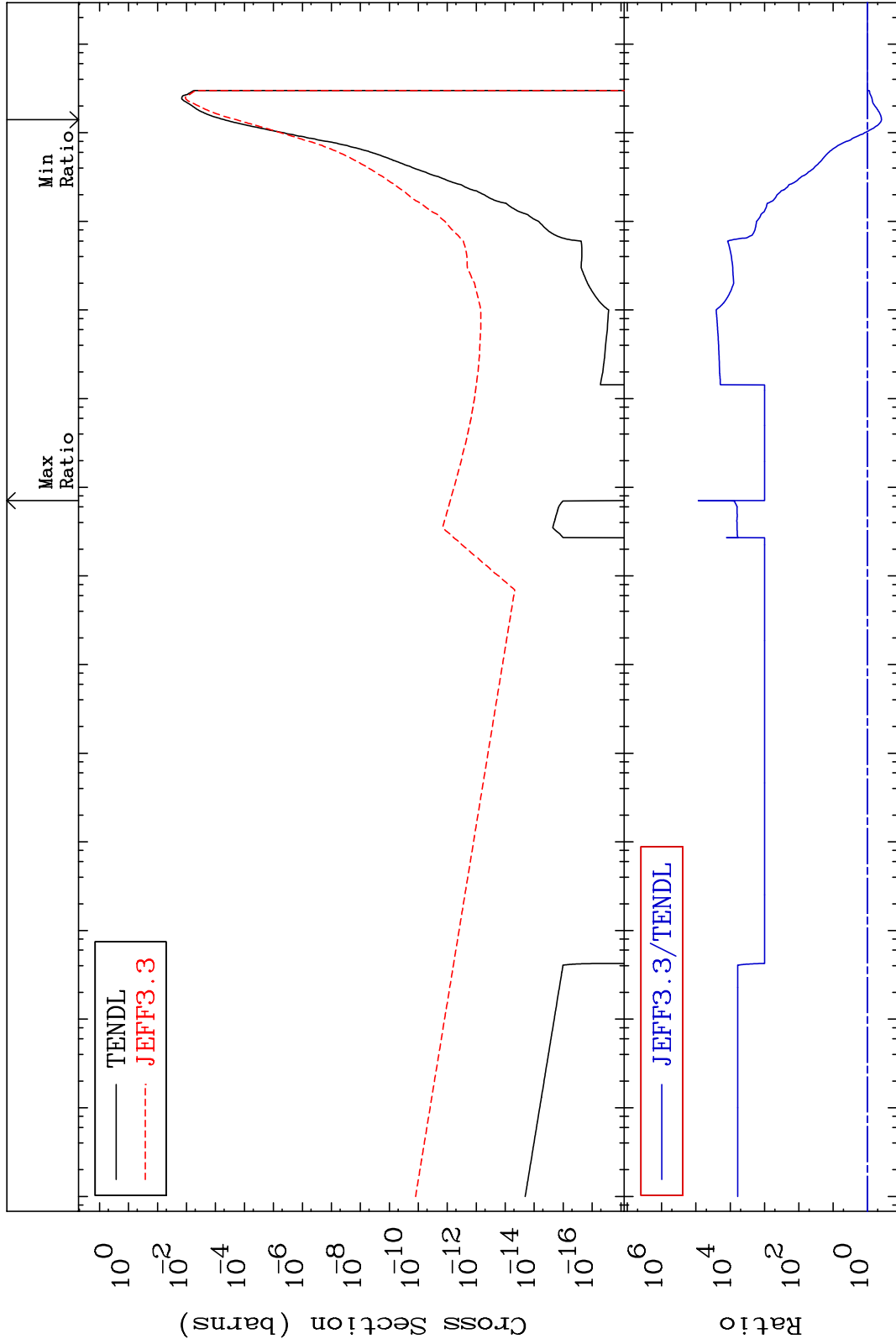
MAT 7843

(n,  $\alpha$ )

78-Pt-196

-61.24 To 9999. %

Cross Section



Incident Energy (eV)

78-Pt-196

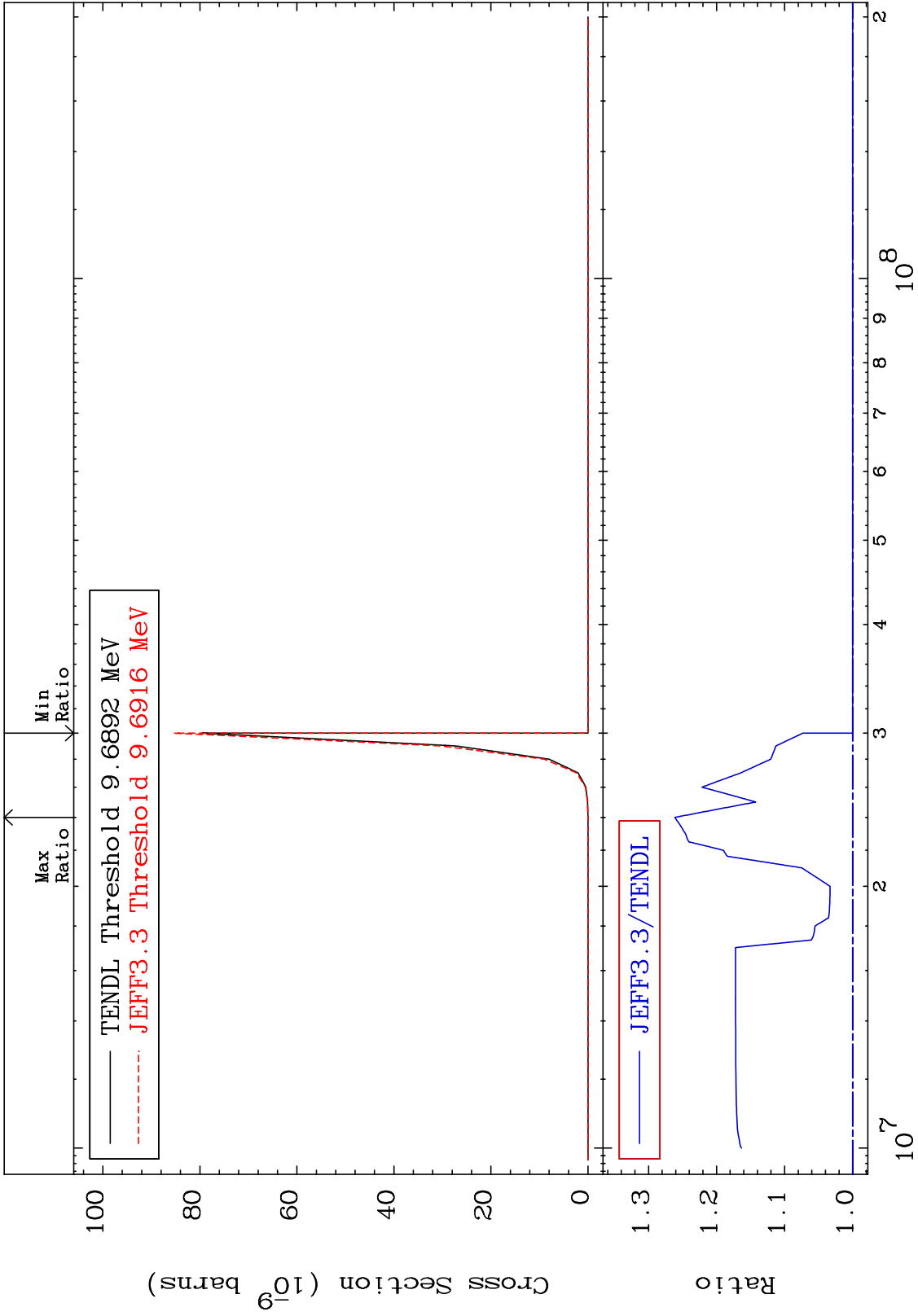
MAT 7843

(n,2p)

78-Pt-196

Cross Section

0.000 To 26.11 %



55

Incident Energy (eV)

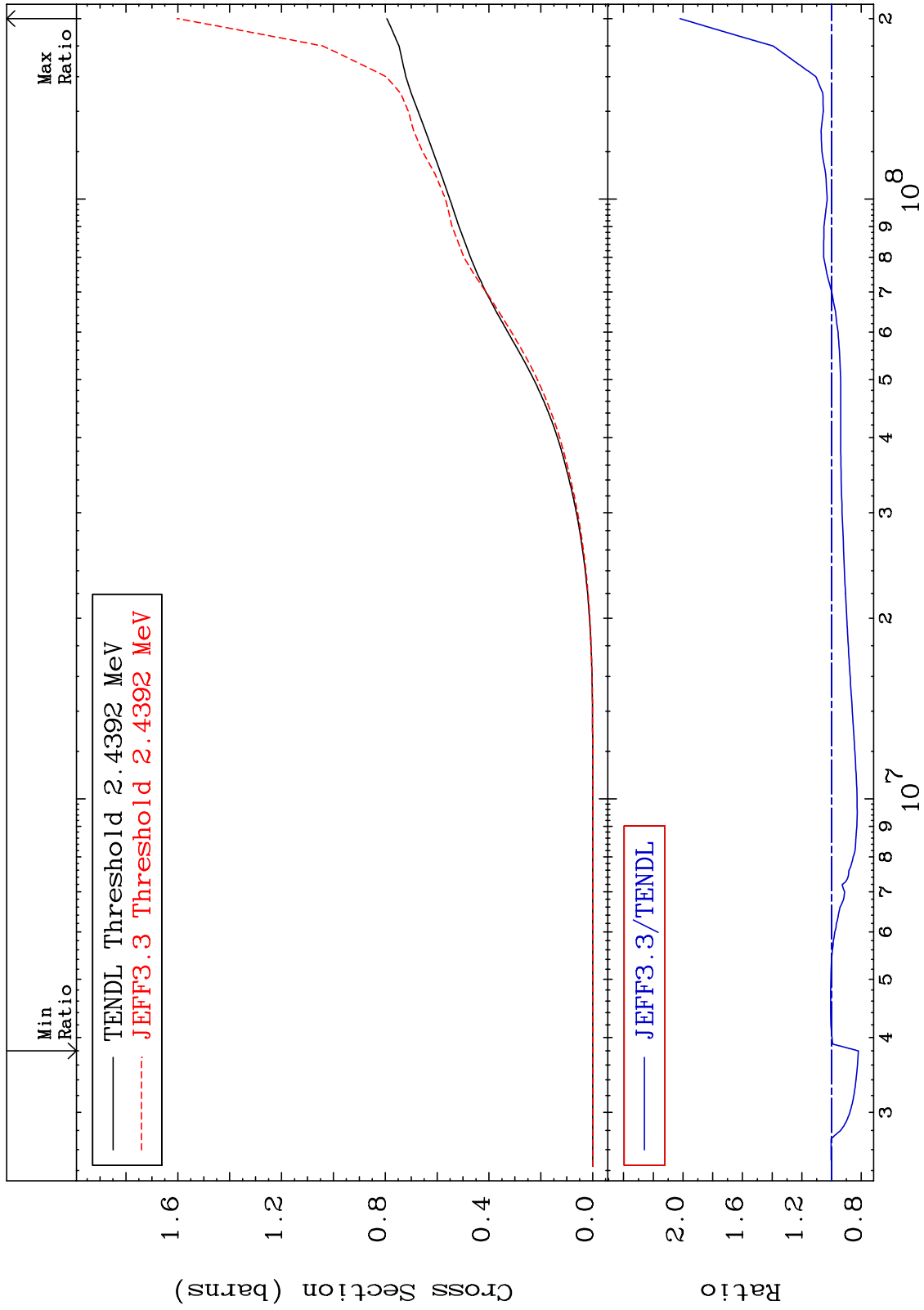
78-Pt-196



MAT 7843

Hydrogen Production  
Cross Section

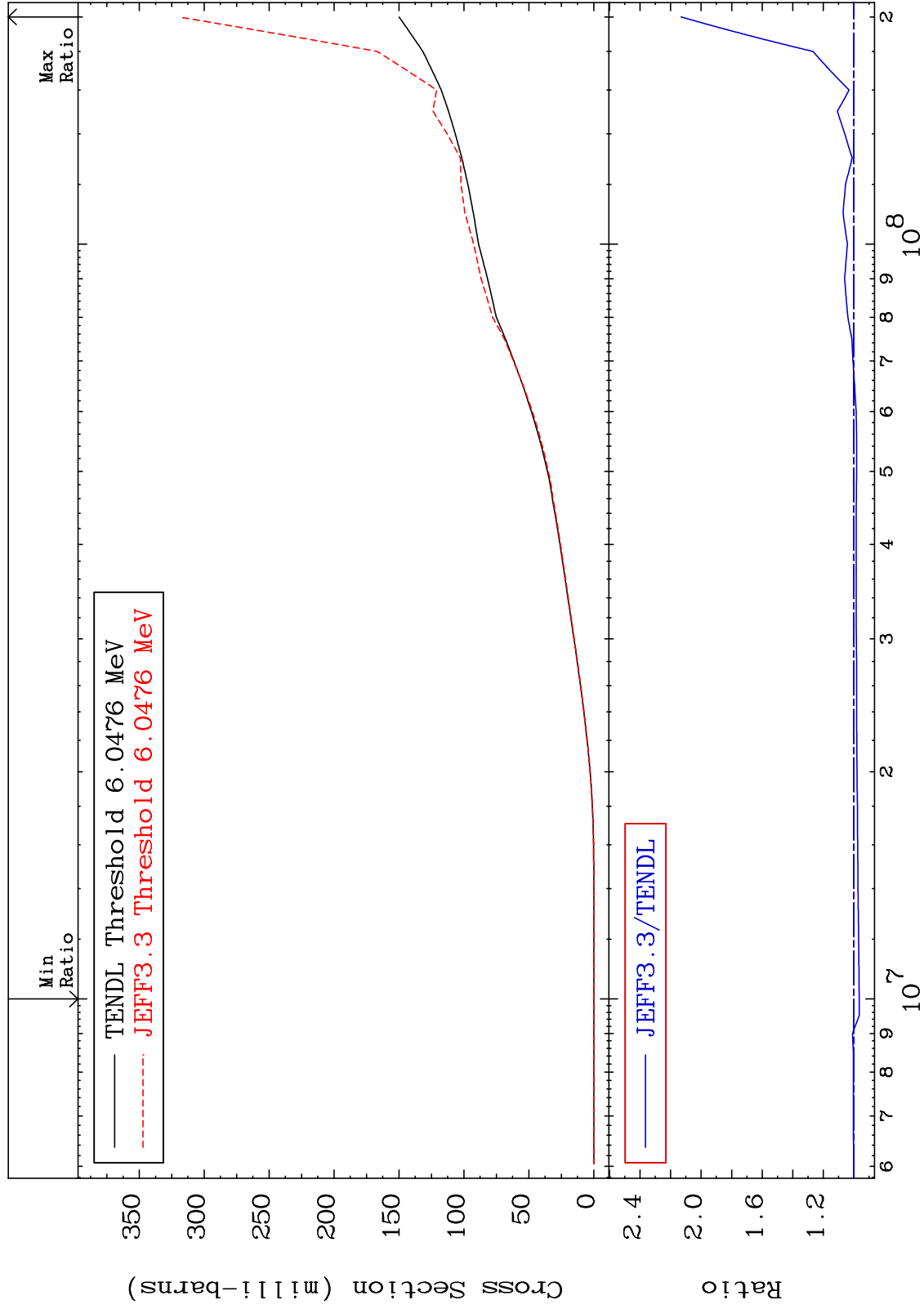
78-Pt-196  
-18.07 To 102.0 %



MAT 7843

Deuterium Production  
Cross Section

78-Pt-196  
-3.632 To 113.2 %



57

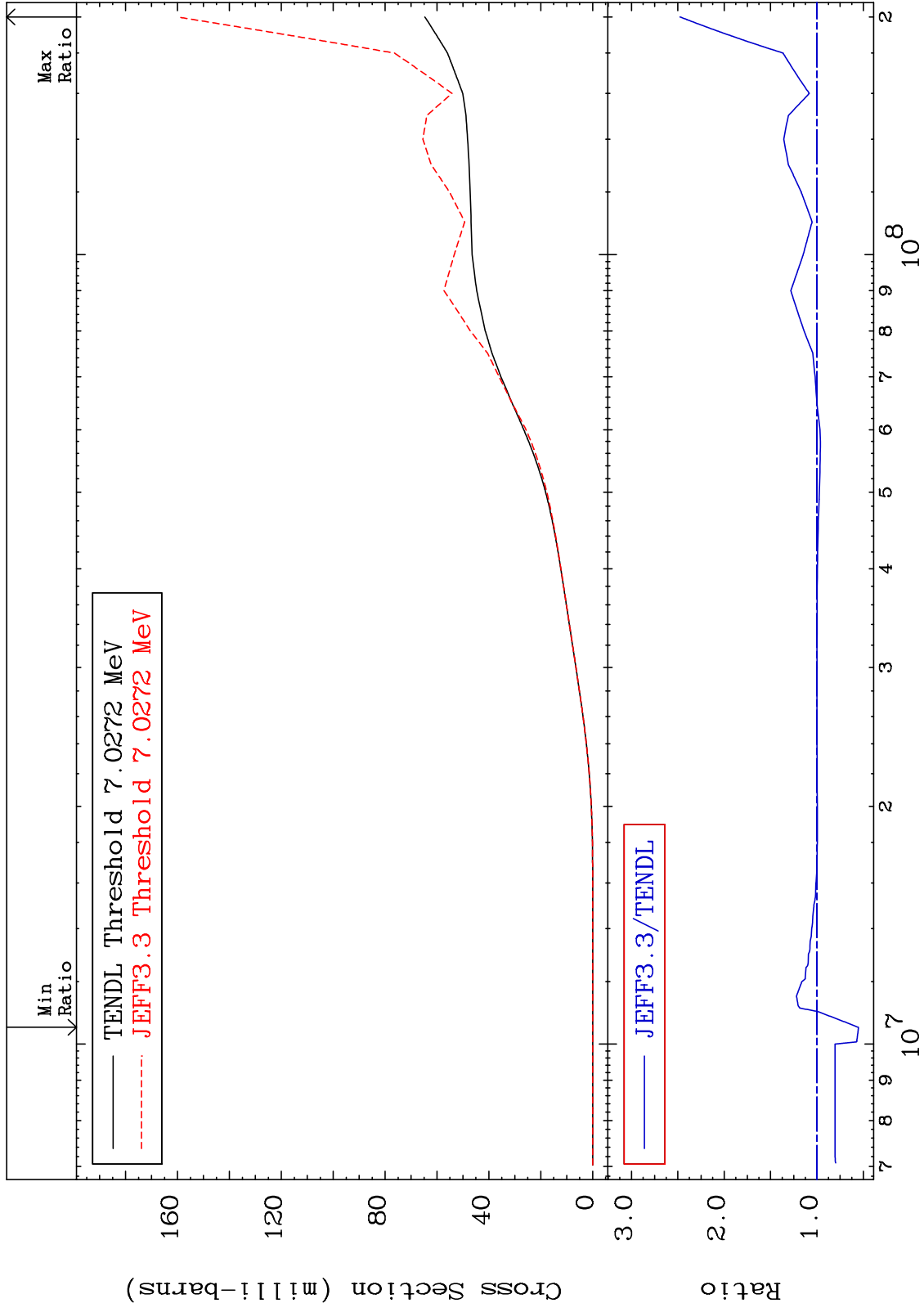
Incident Energy (eV)

78-Pt-196

MAT 7843

Tritium Production  
Cross Section

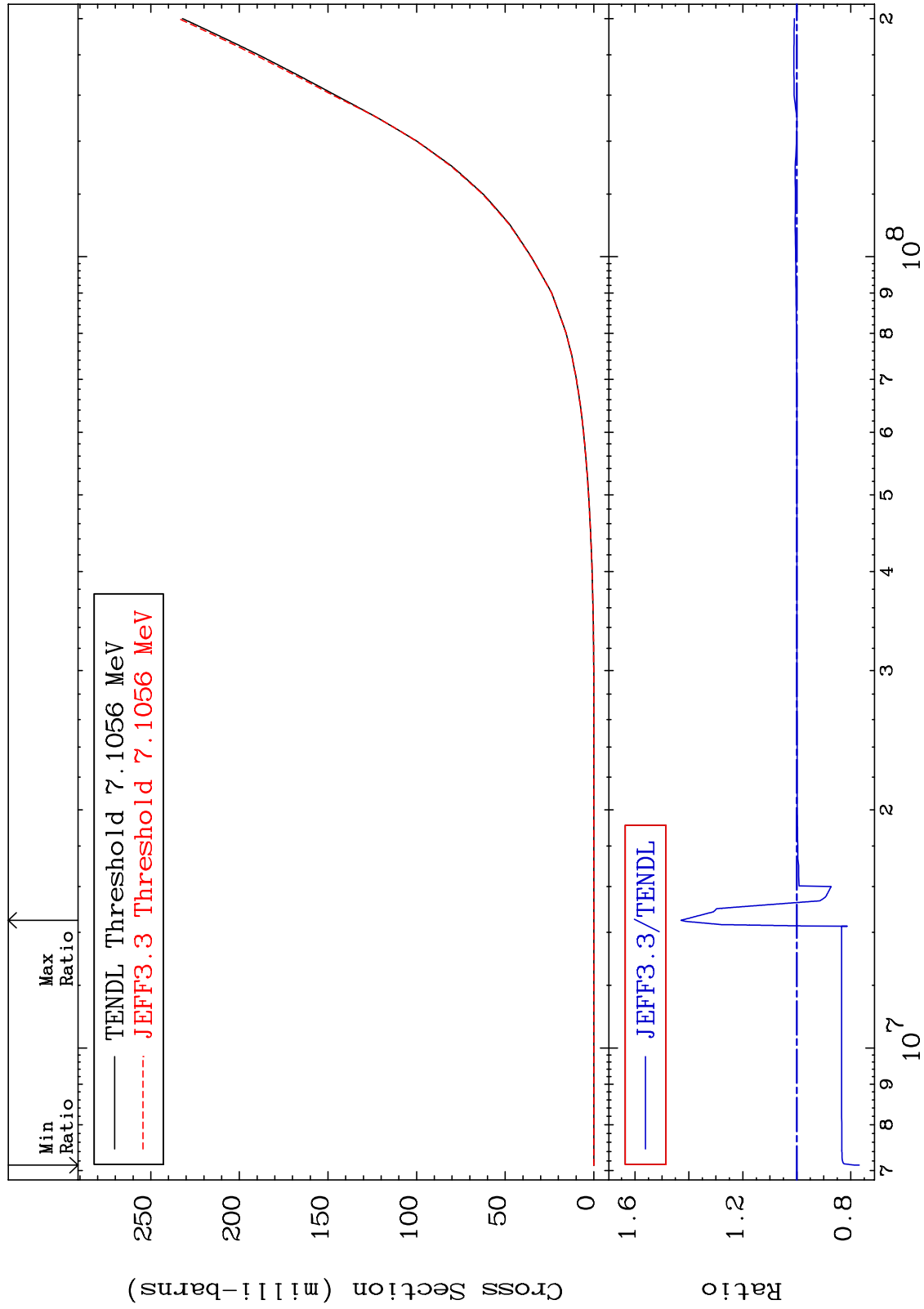
78-Pt-196  
-44.71 To 147.6 %



MAT 7843

He-3 Production  
Cross Section

78-Pt-196  
-23.15 To 42.91 %



59

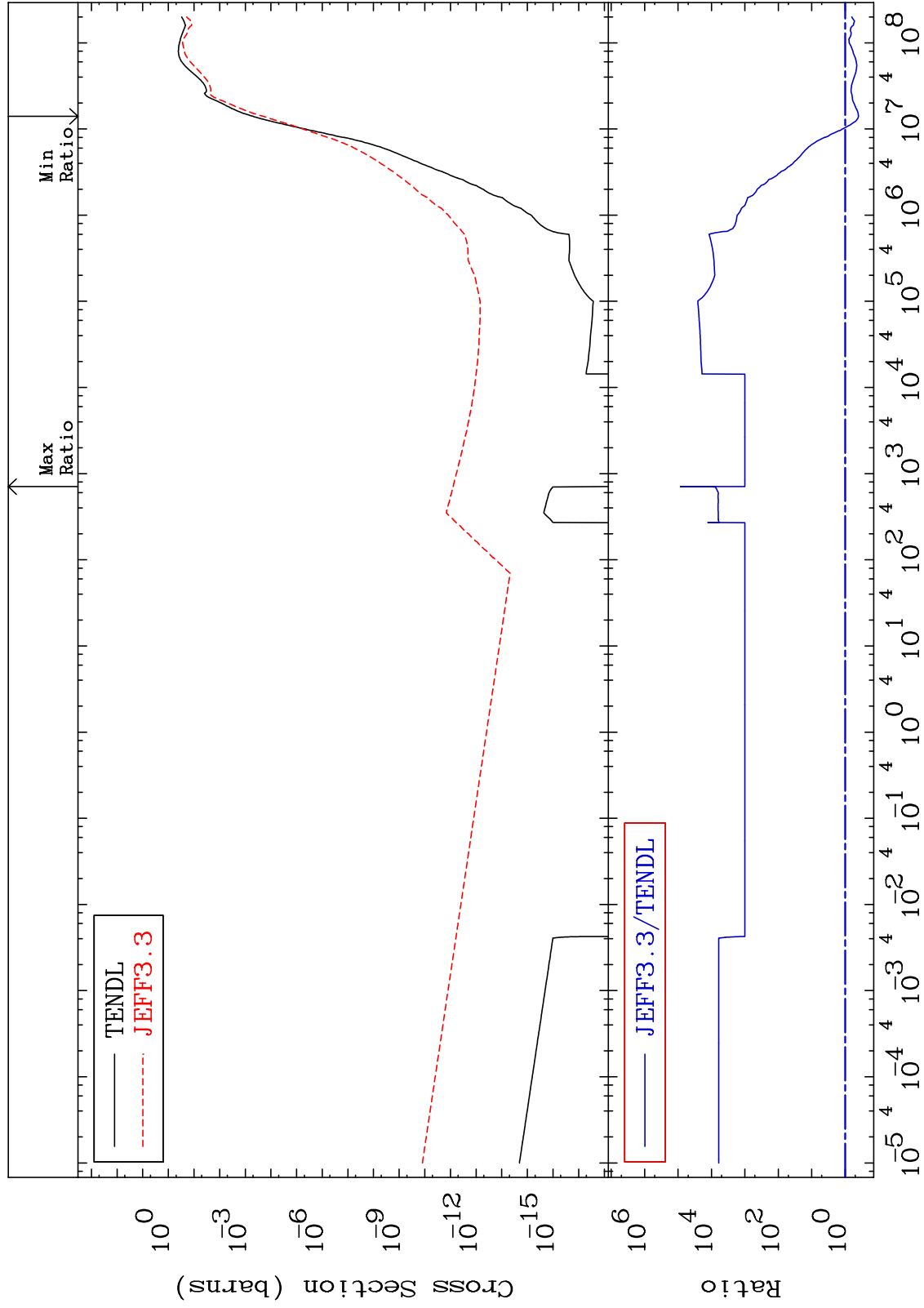
Incident Energy (eV)

78-Pt-196

MAT 7843

He-4 Production  
Cross Section

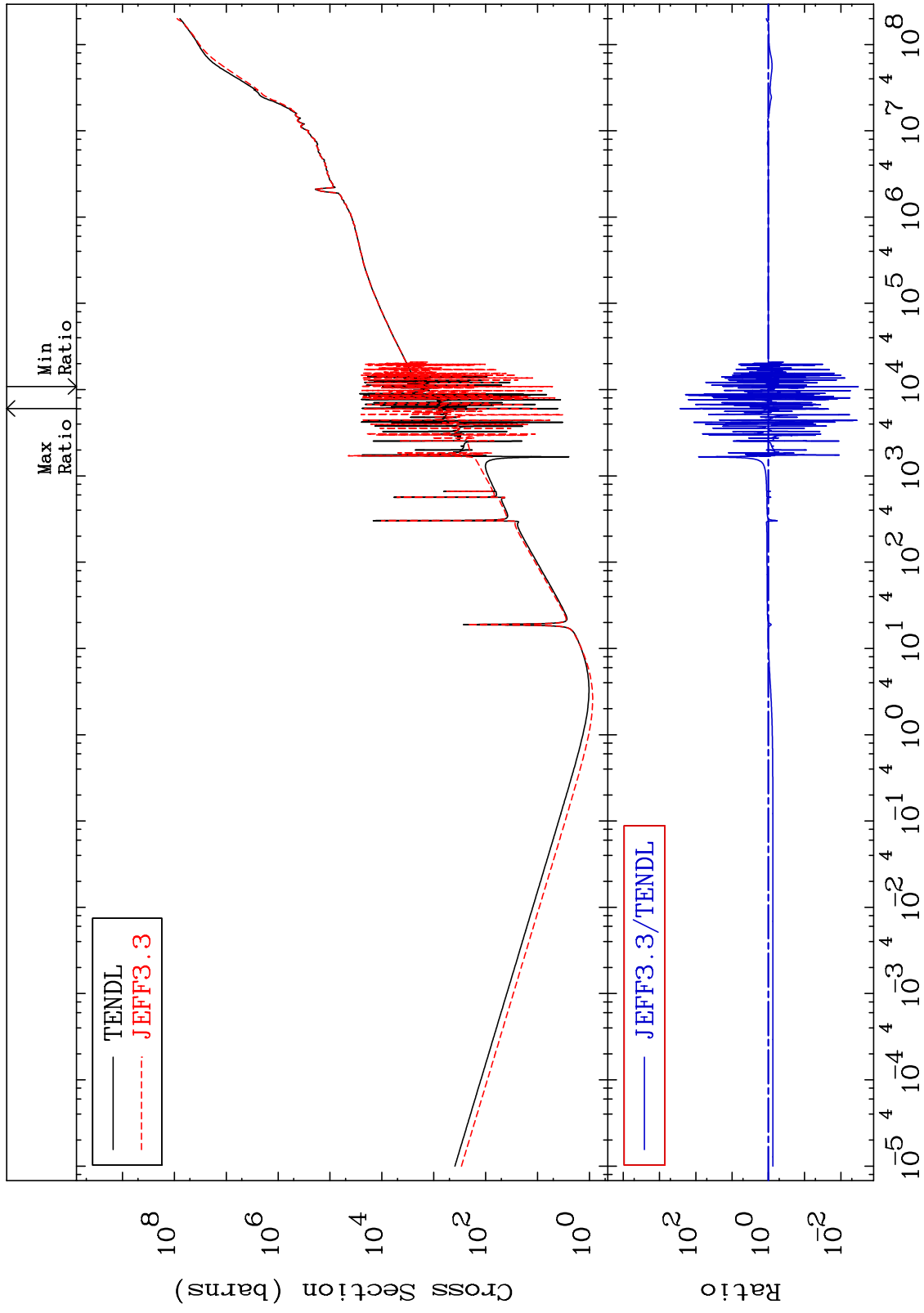
78-Pt-196  
-60.30 To 9999. %



MAT 7843

Kerma total (eV-barns)  
Cross Section

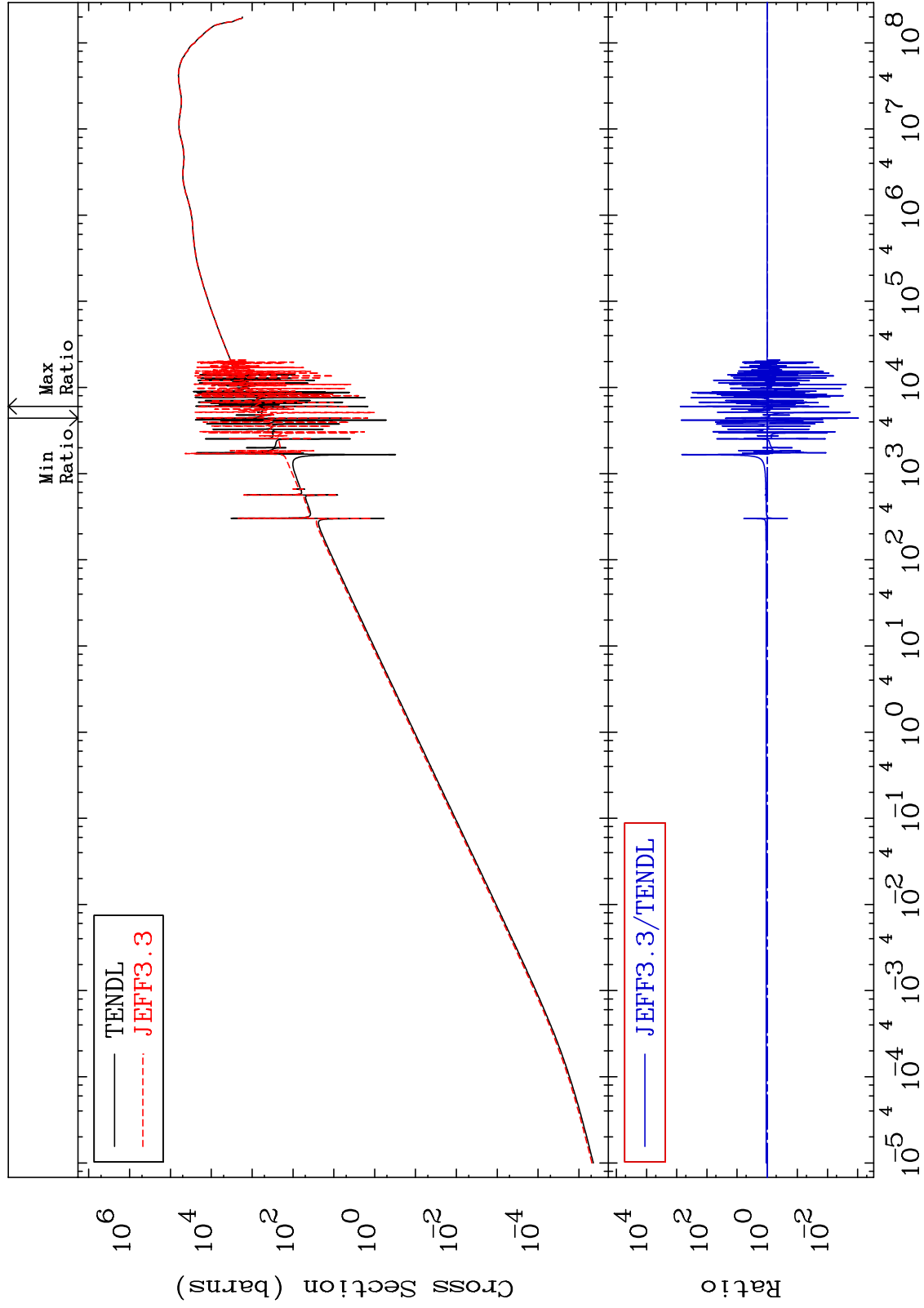
78-Pt-196  
-99.67 To 9999. %



MAT 7843

Kerma elastic  
Cross Section

78-Pt-196  
-99.91 To 9999. %



62

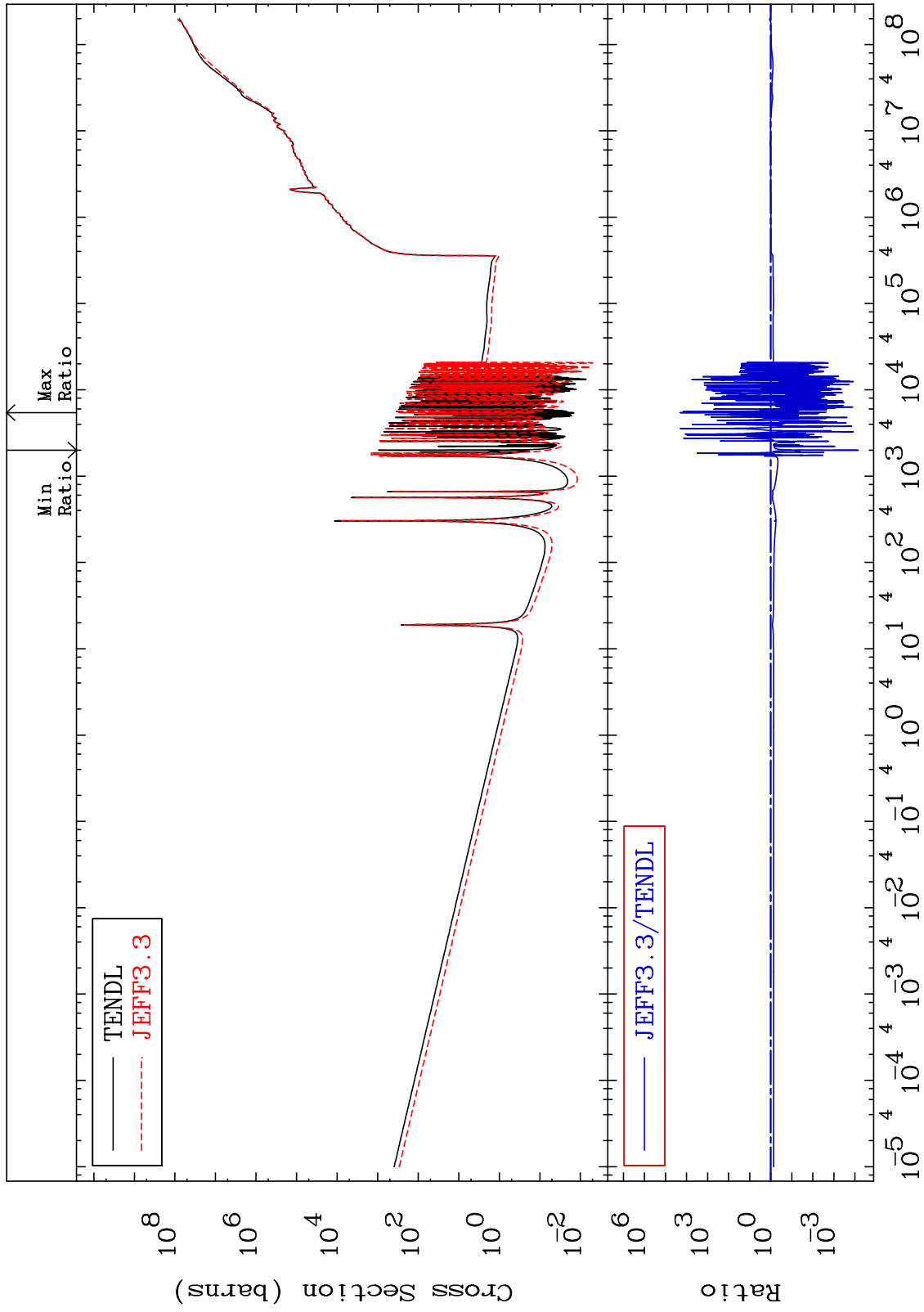
Incident Energy (eV)

78-Pt-196

MAT 7843

Kerma non-elastic (all but mt2)  
Cross Section

78-Pt-196  
-99.99 To 9999. %



63

Incident Energy (eV)

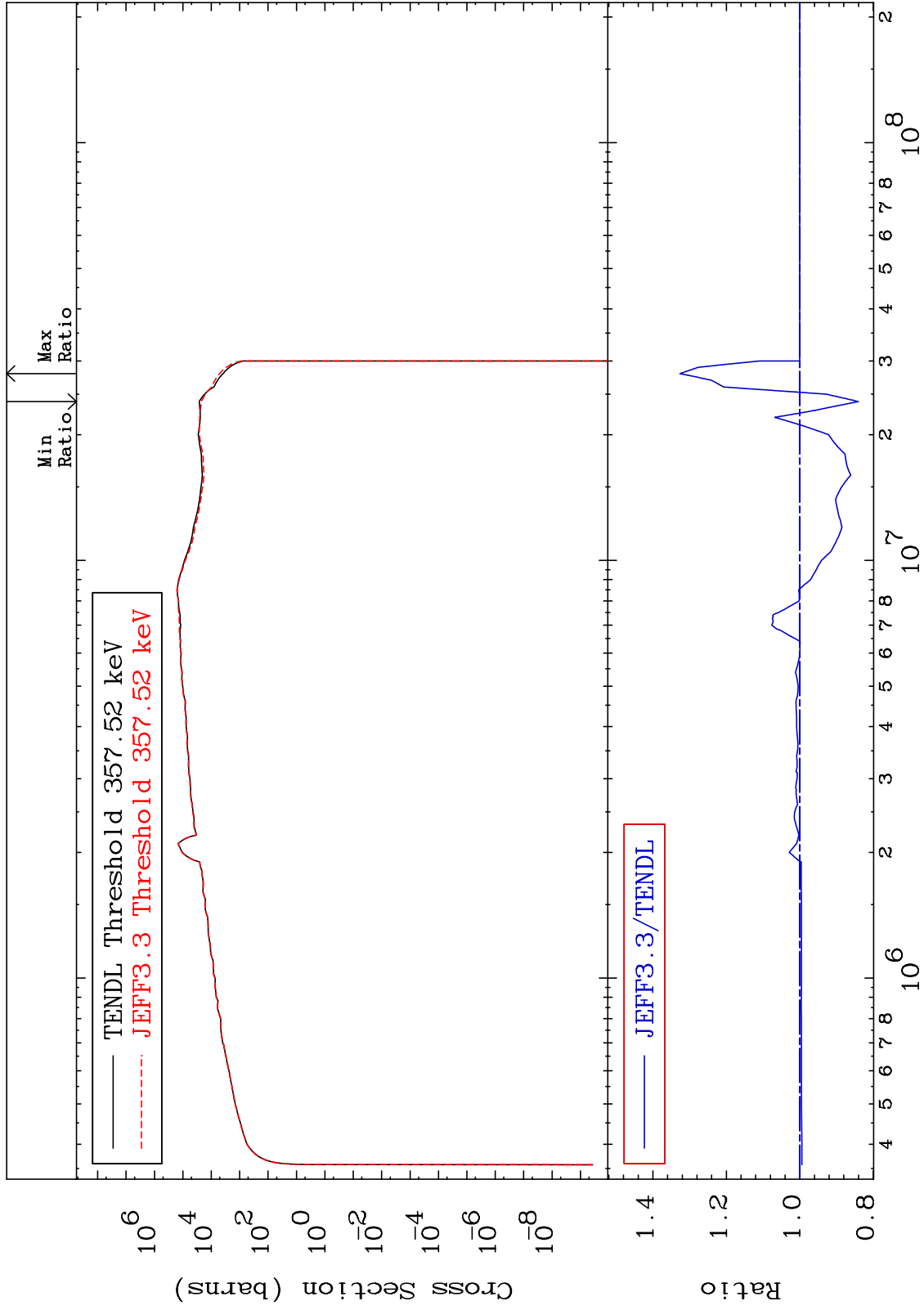
78-Pt-196



MAT 7843

Kerma inelastic (mt51-91)  
Cross Section

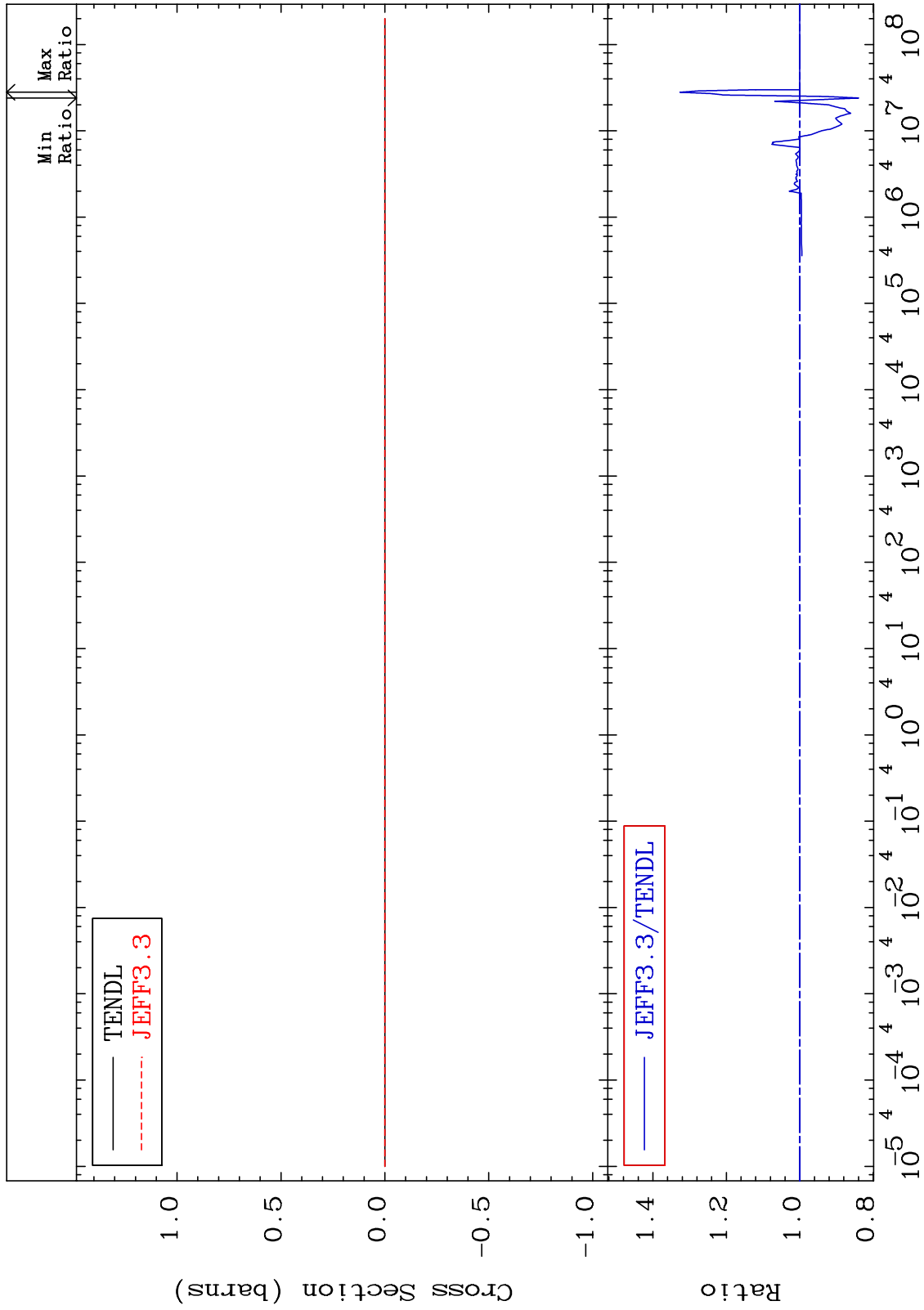
78-Pt-196  
-15.97 To 32.61 %



MAT 7843

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

78-Pt-196  
-15.97 To 32.61 %



65

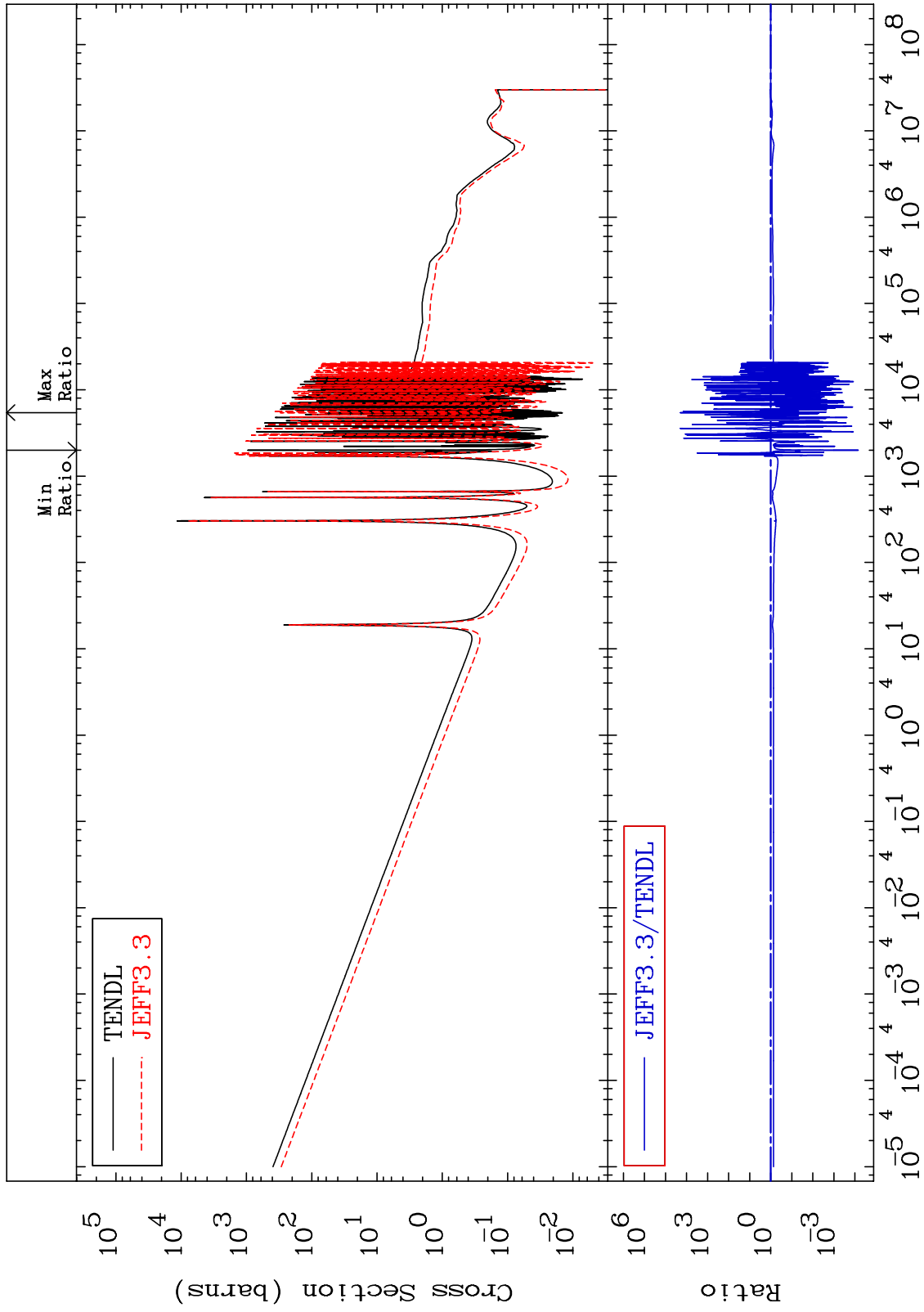
Incident Energy (eV)

78-Pt-196

MAT 7843

Kerma capture (mt102)  
Cross Section

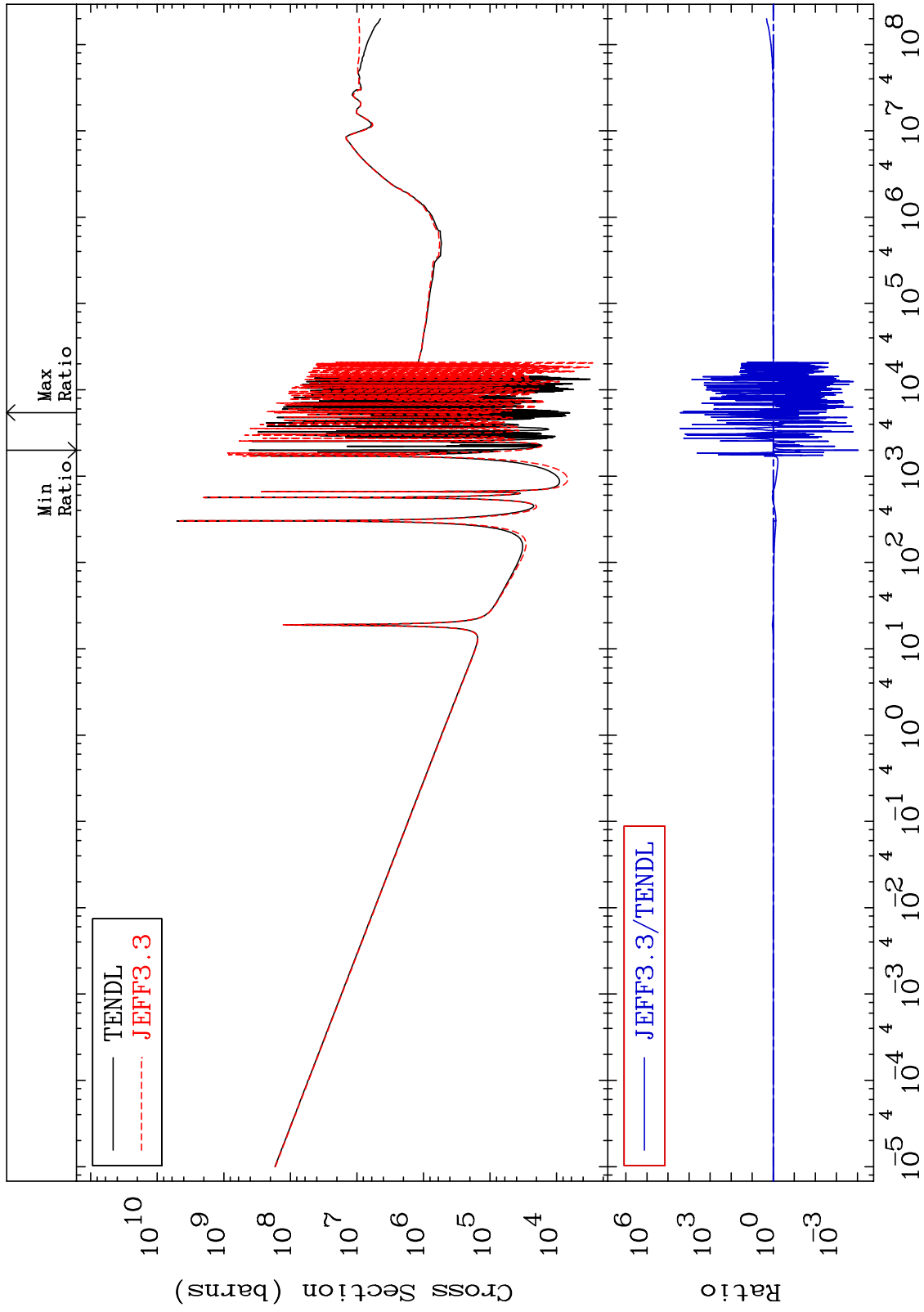
78-Pt-196  
-99.99 To 9999. %



MAT 7843

Total photon (eV-barns)  
Cross Section

78-Pt-196  
-99.99 To 9999. %



67

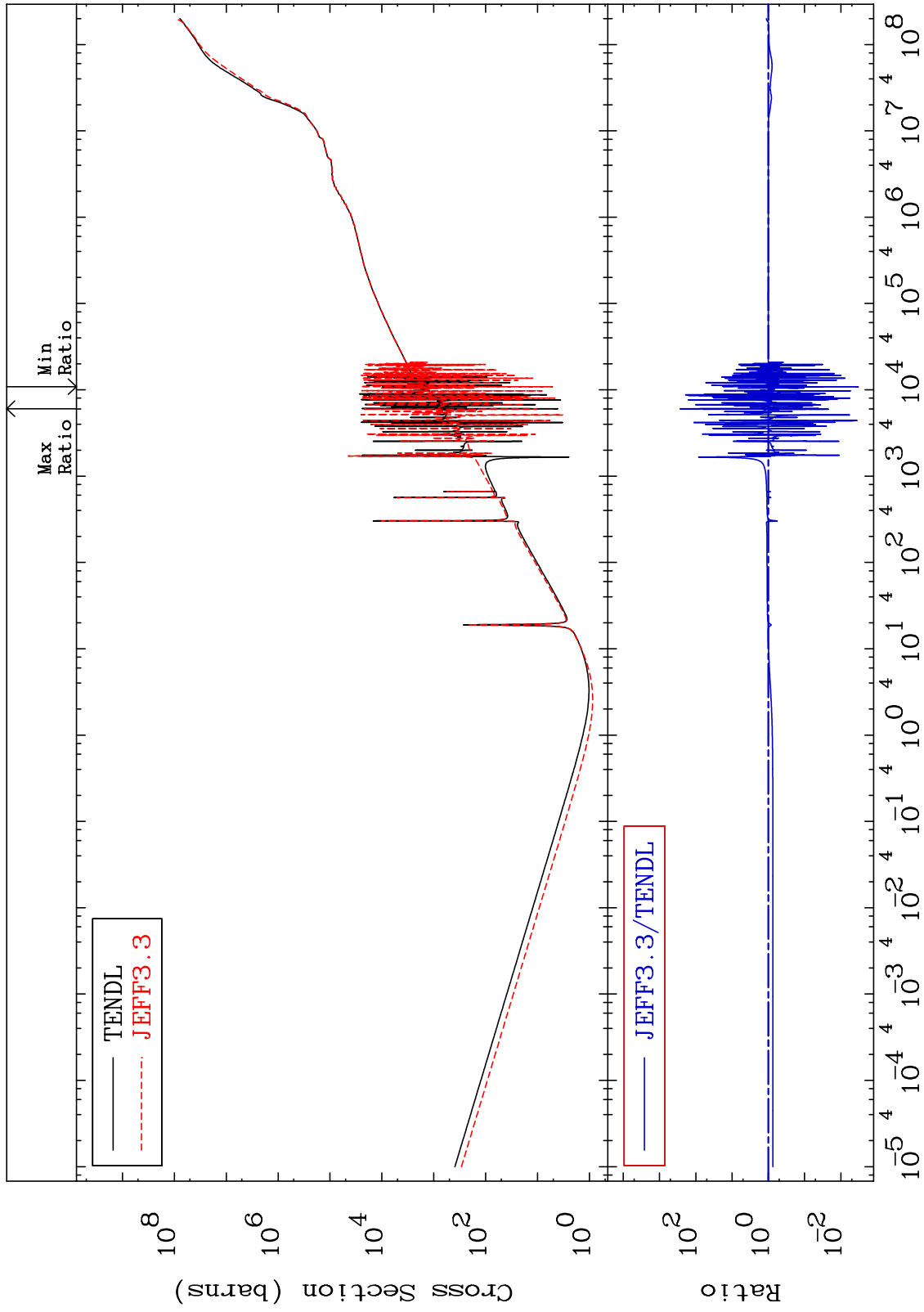
Incident Energy (eV)

78-Pt-196

MAT 7843

Total kinematic kerma (high limit)  
Cross Section

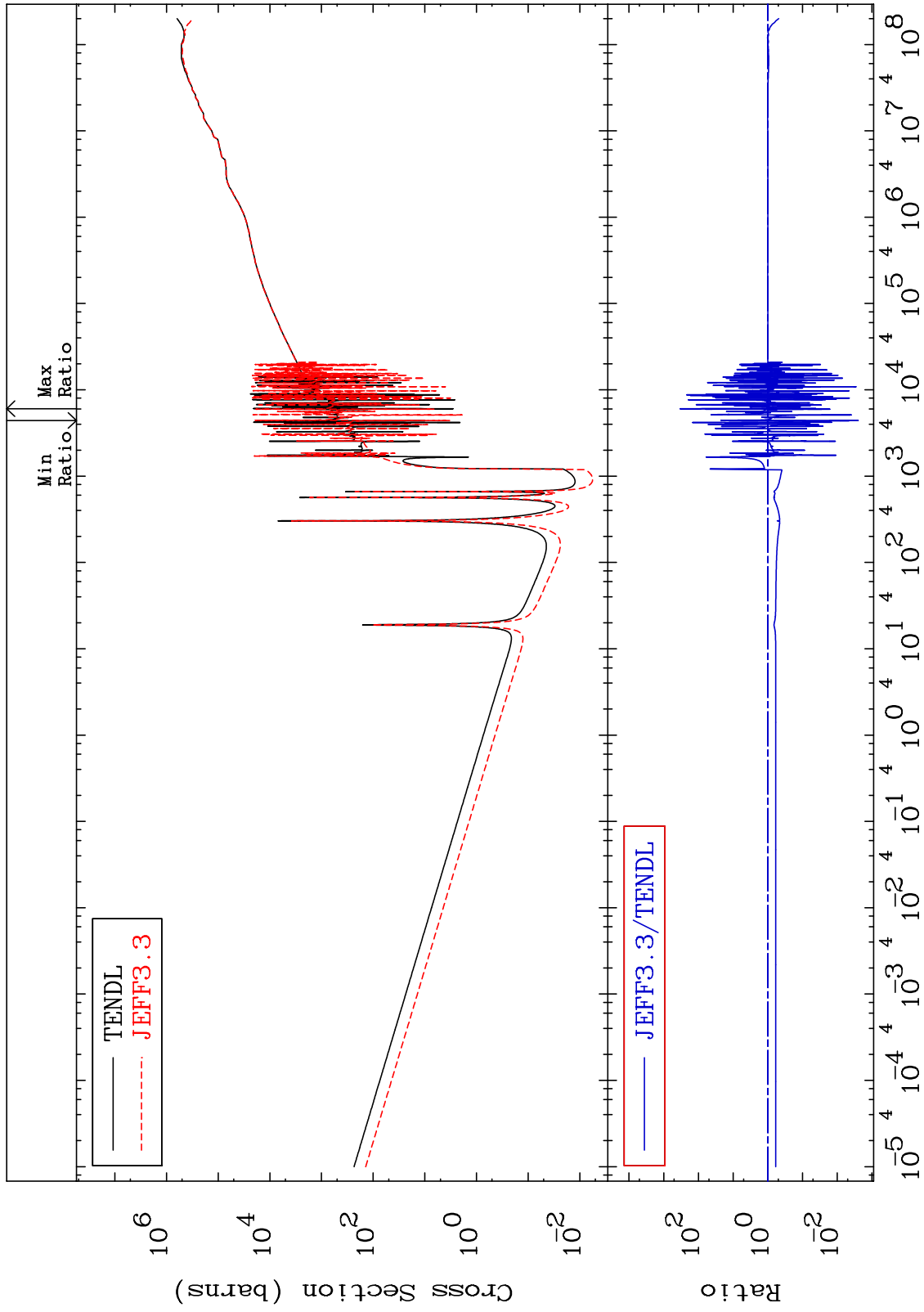
78-Pt-196  
-99.67 To 9999. %



MAT 7843

Dpa total (eV-barns)  
Cross Section

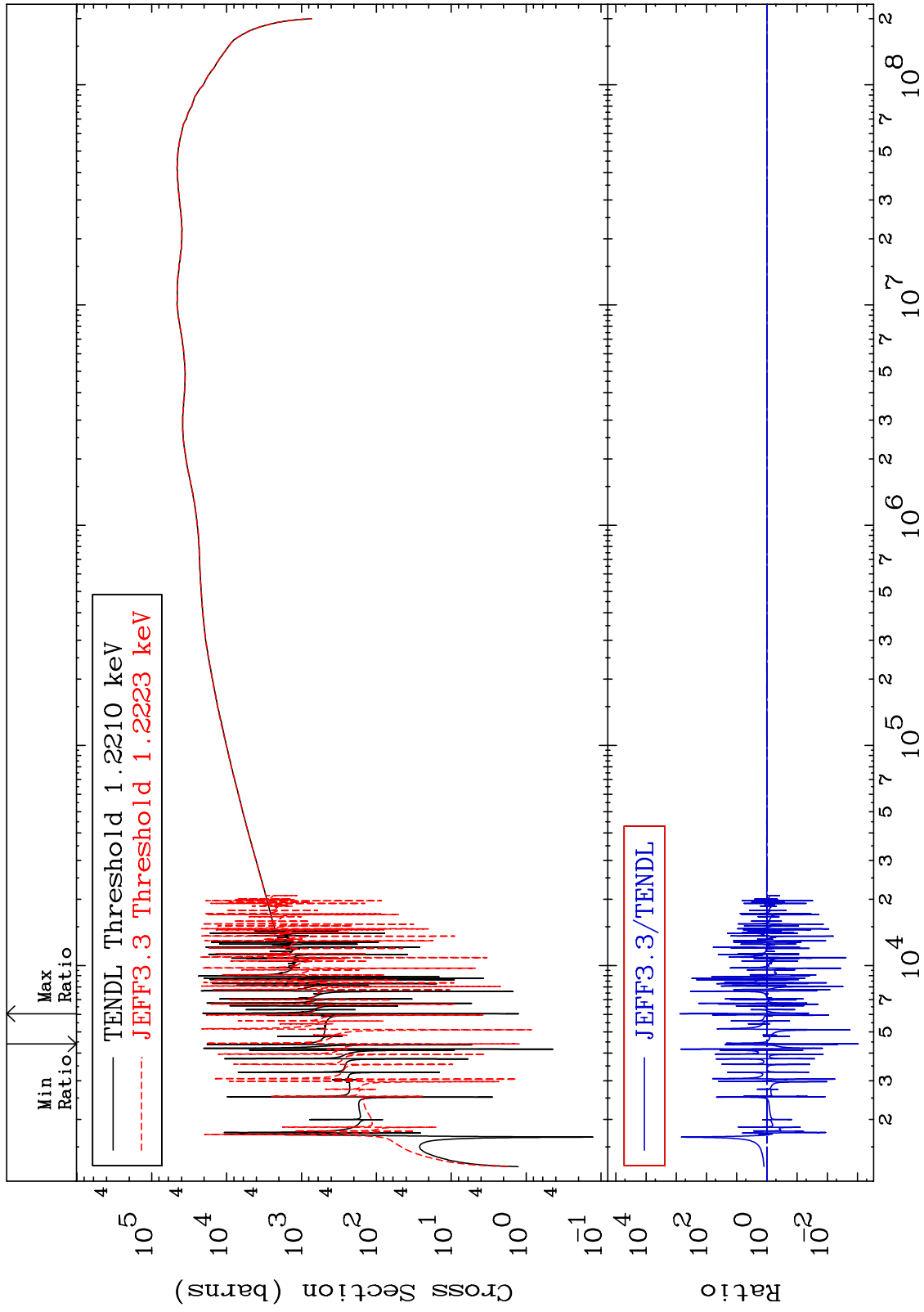
78-Pt-196  
-99.76 To 9999. %



MAT 7843

Dpa elastic (mt2)  
Cross Section

78-Pt-196  
-99.91 To 9999. %



70

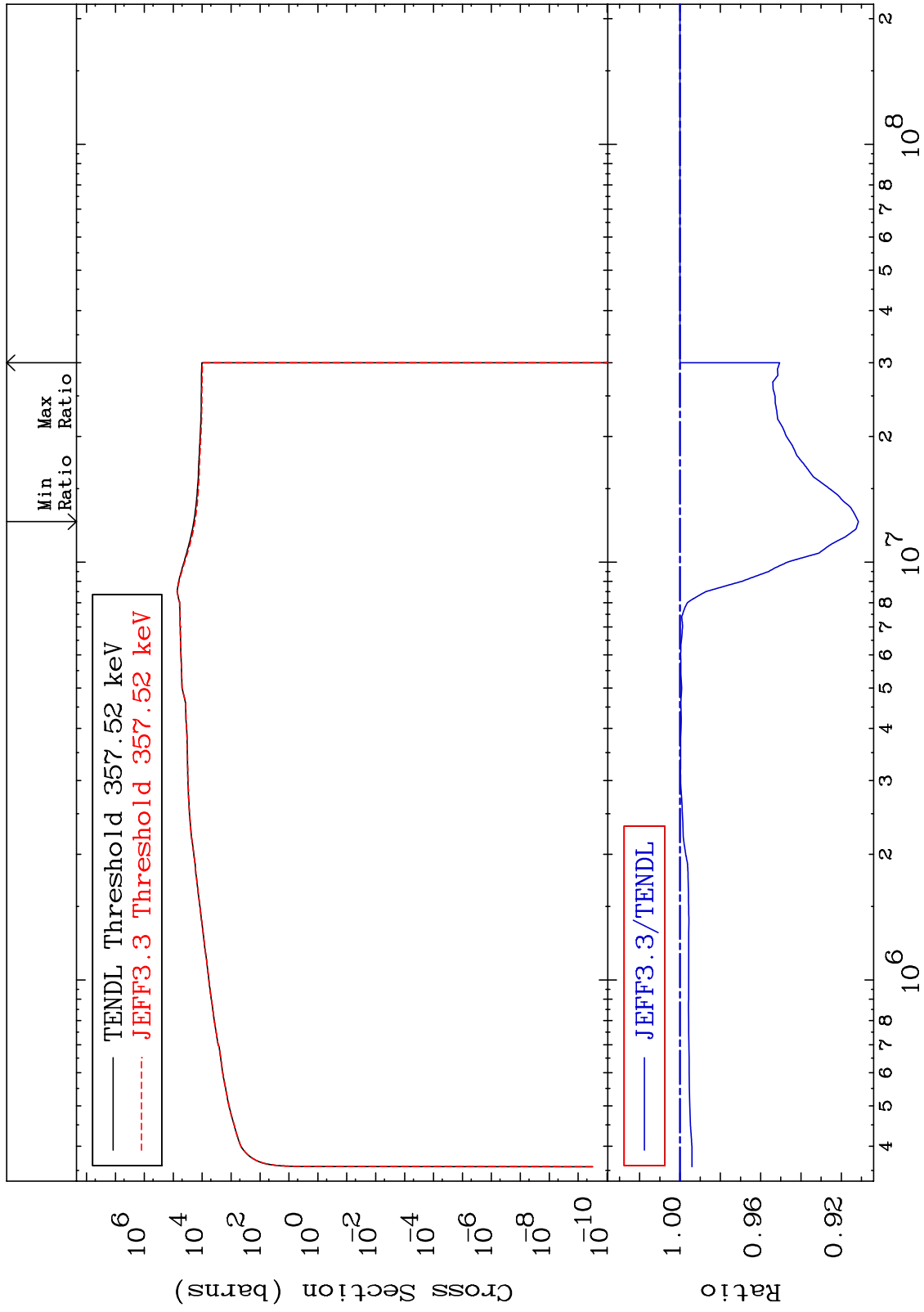
Incident Energy (eV)

78-Pt-196

MAT 7843

Dpa inelastic (mt51-91)  
Cross Section

78-Pt-196  
-8.850 To 0.000 %



71

Incident Energy (eV)

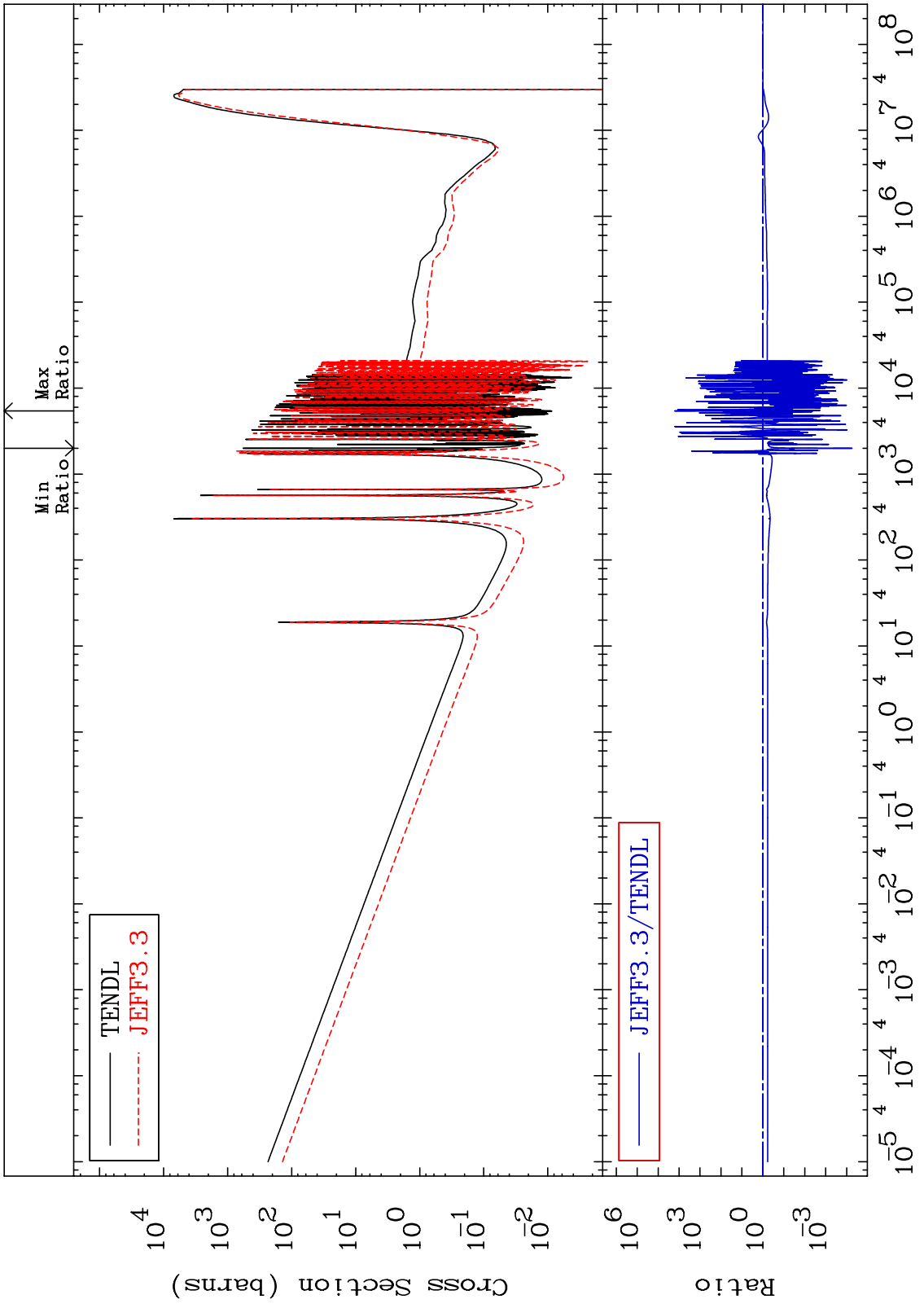
78-Pt-196



MAT 7843

Dpa disappearance (mt102 -120)  
Cross Section

78-Pt-196  
-99.99 To 9999. %



72

Incident Energy (eV)

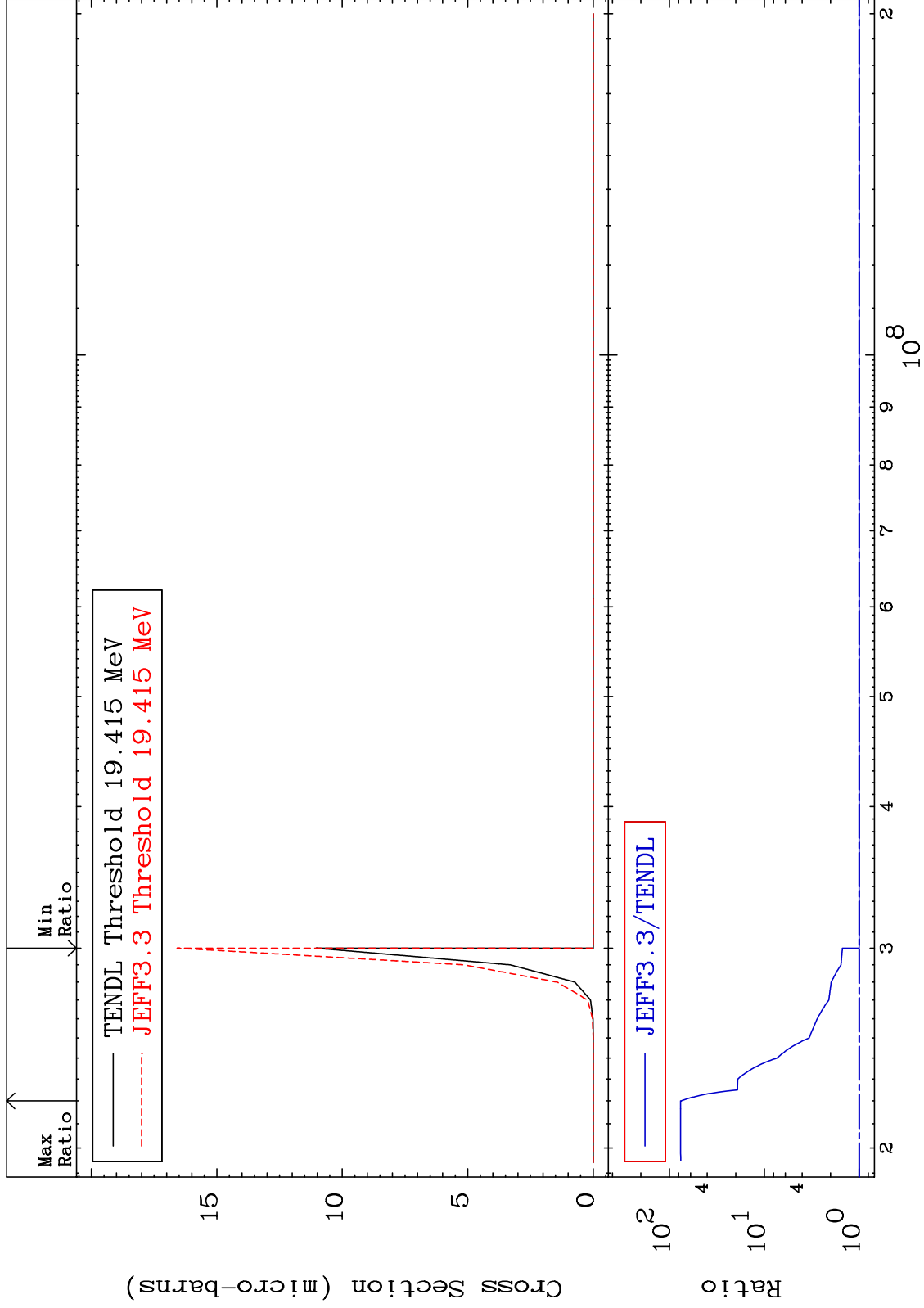
78-Pt-196

MAT 7843

(n,2n) d:77-Ir-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 7529. %



73

Incident Energy (eV)

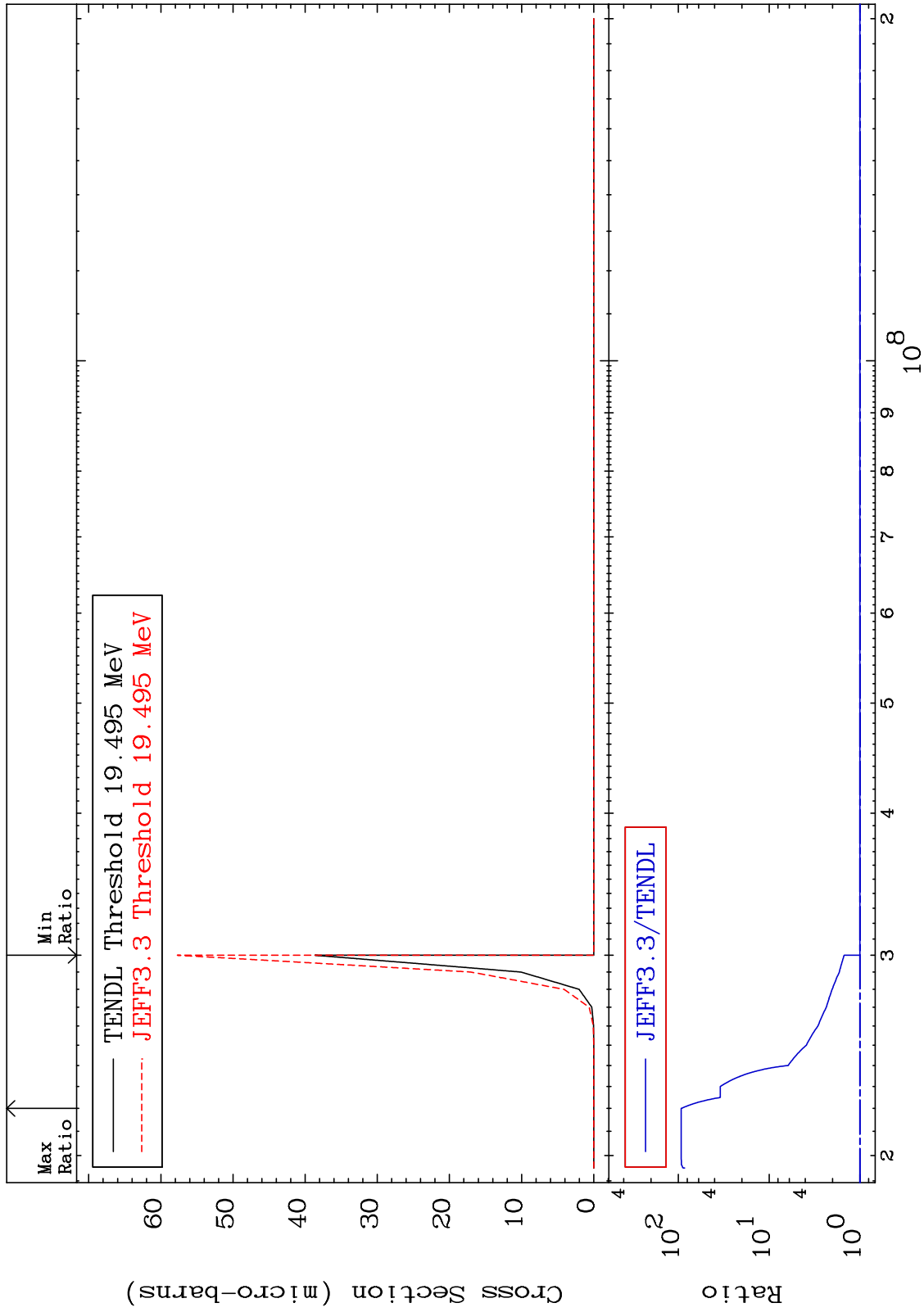
78-Pt-196

MAT 7843

(n,2n) d:77-Ir-193m2

78-Pt-196

Radionuclide Production Cross Section 0.000 To 9210. %

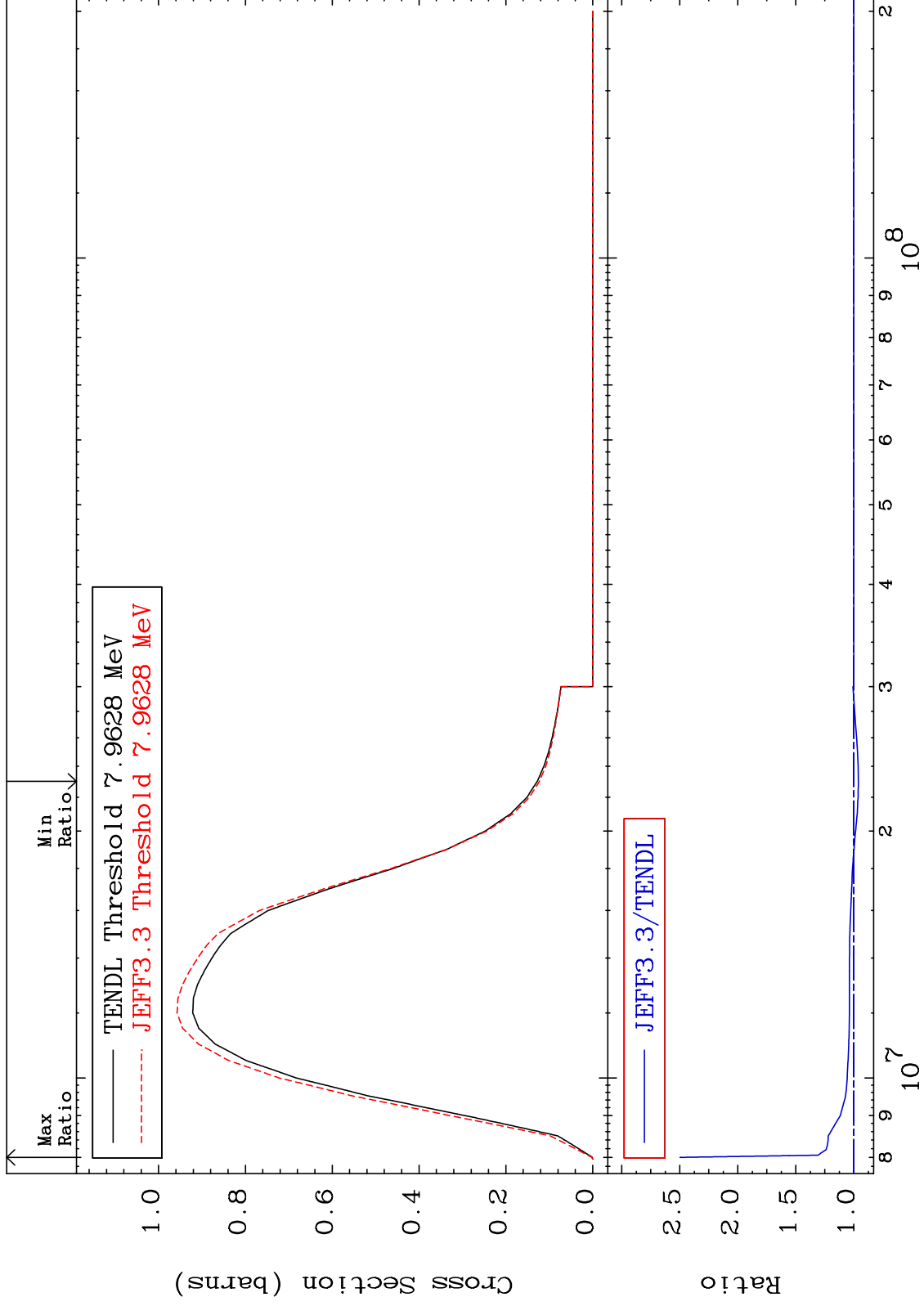


MAT 7843

(n,2n):78-Pt-195g

78-Pt-196

Radionuclide Production Cross Section -3.906 To 149.8 %



75

Incident Energy (eV)

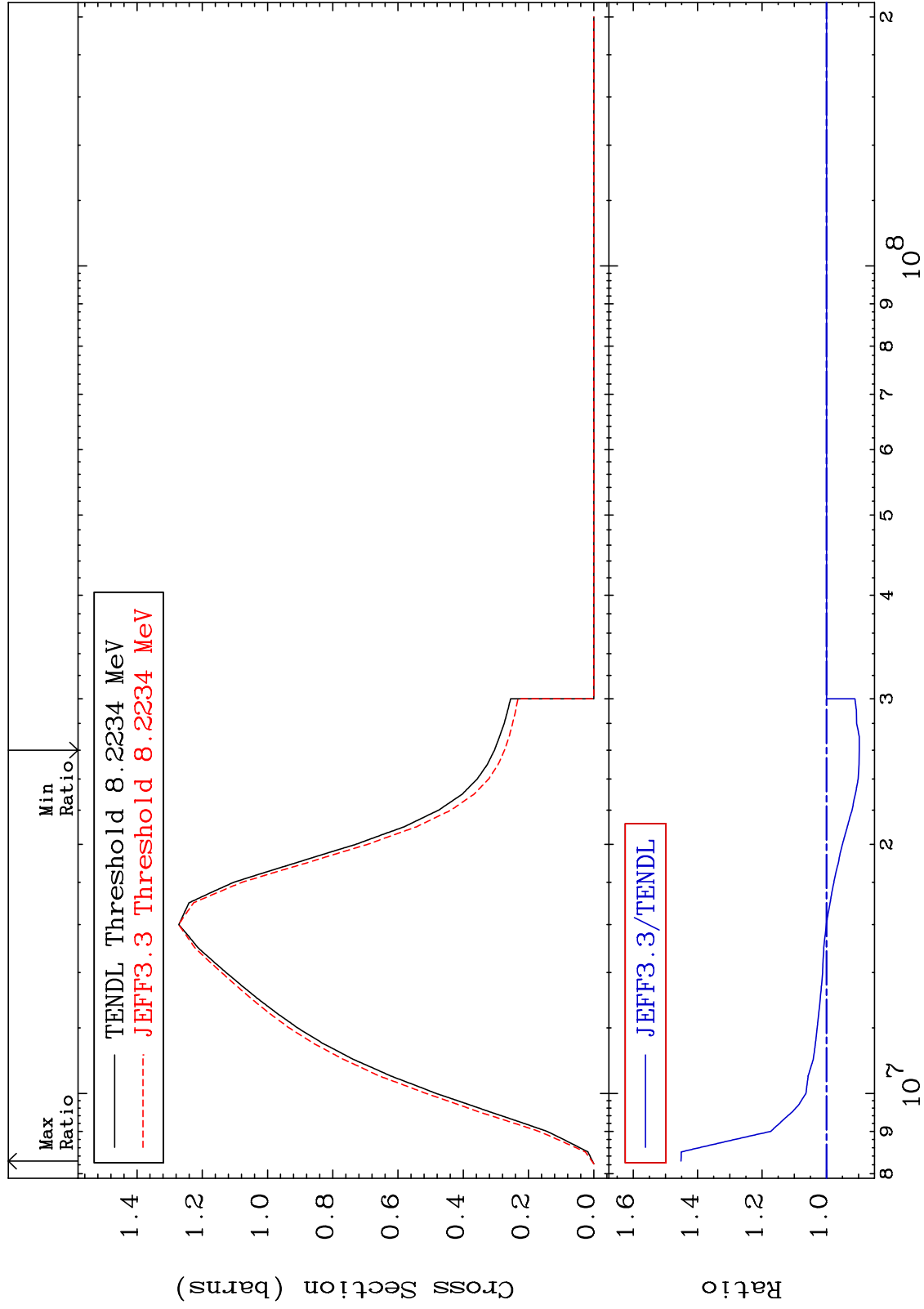
78-Pt-196

MAT 7843

(n,2n): 78-Pt-195m7

78-Pt-196

Radionuclide Production Cross Section -10.19 To 45.15 %



76

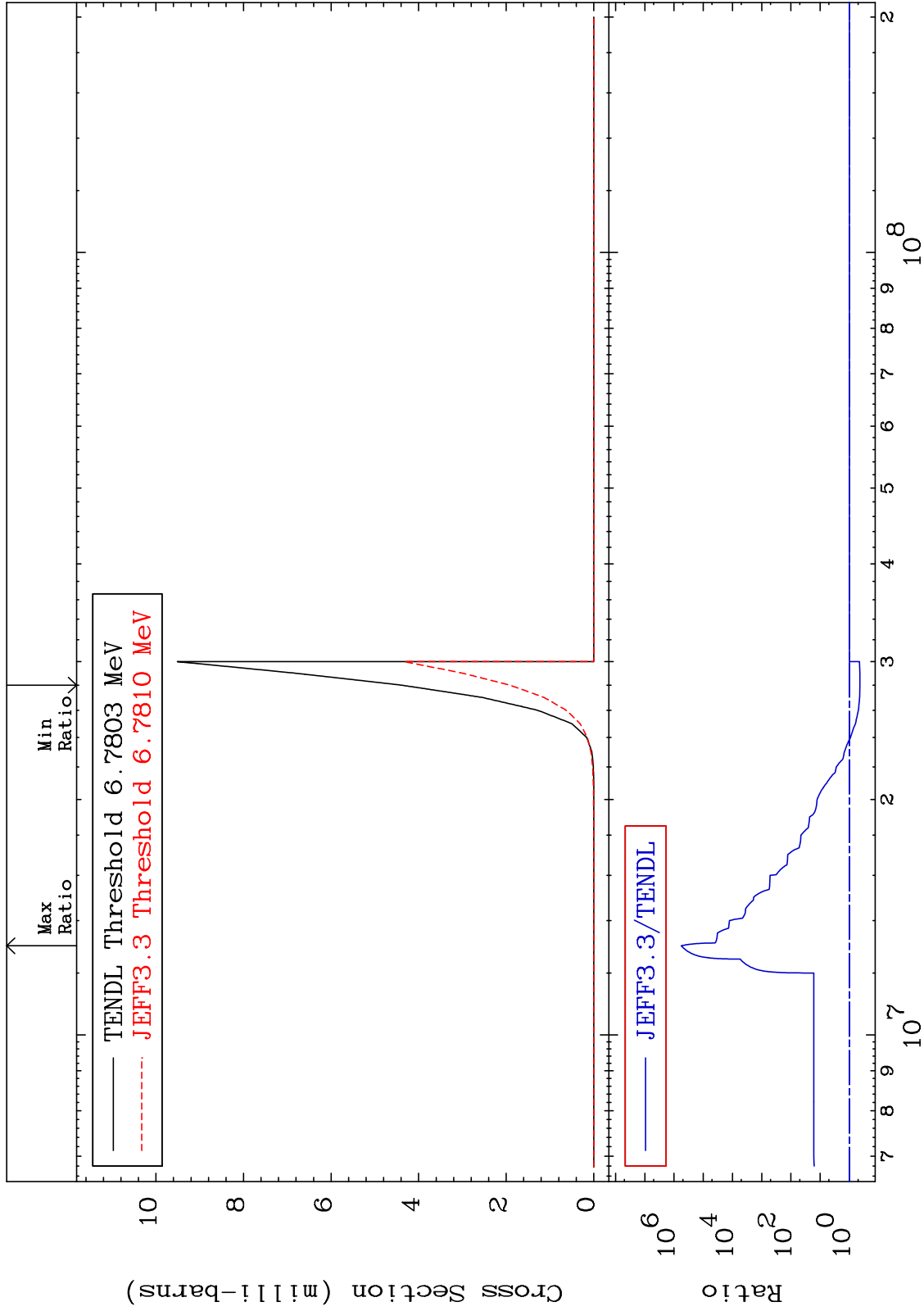
Incident Energy (eV)

78-Pt-196

MAT 7843

(n,2n)  $\alpha$ :76-Os-191g  
Radionuclide Production Cross Section -56.39 To 9999. %

78-Pt-196



77

Incident Energy (eV)

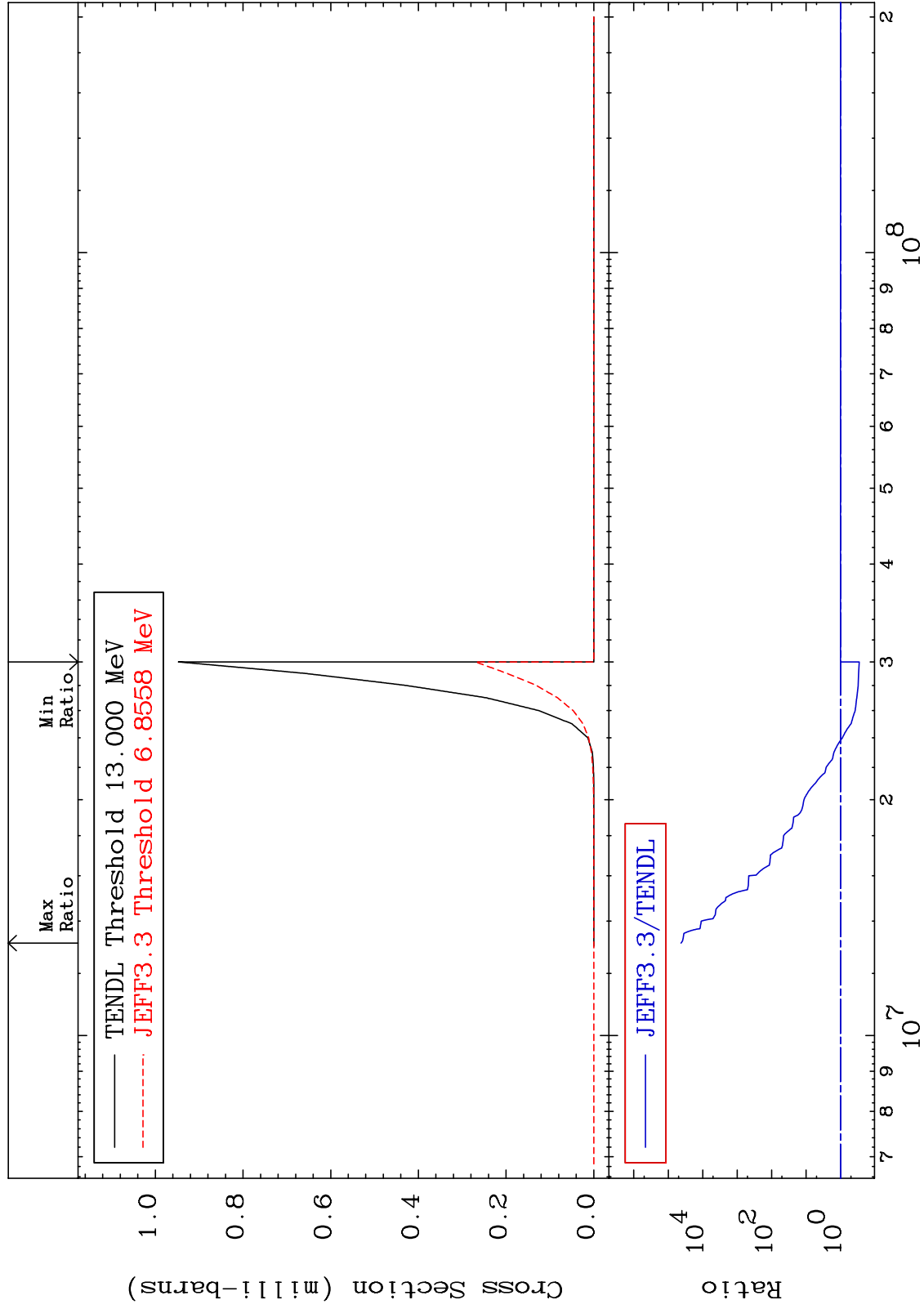
78-Pt-196

MAT 7843

(n,2n)  $\alpha$ :76-Os-191m1

78-Pt-196

Radionuclide Production Cross Section -71.46 To 9999. %



78

Incident Energy (eV)

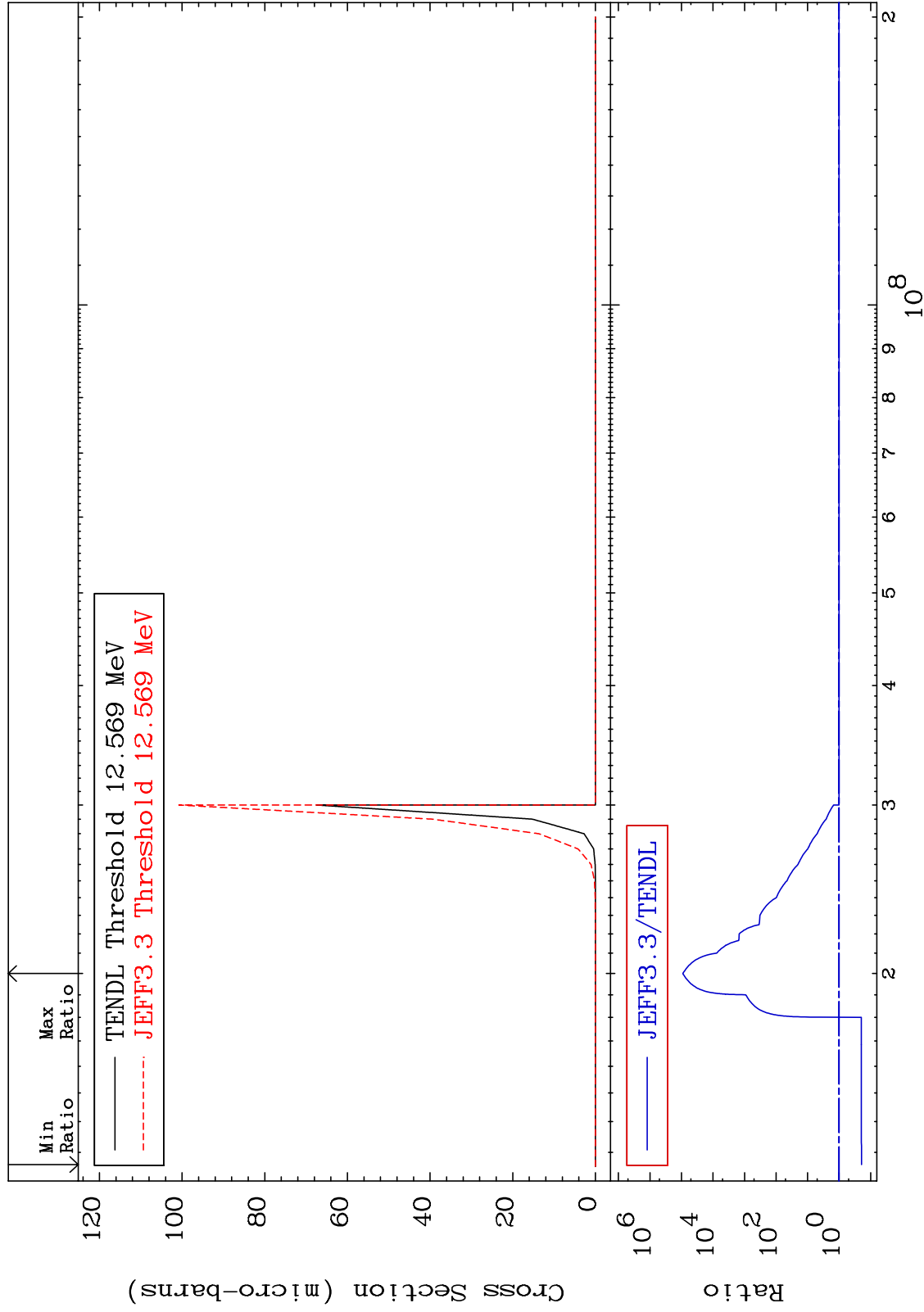
78-Pt-196

MAT 7843

(n,3n)  $\alpha$ :76-0s-190g

78-Pt-196

Radionuclide Production Cross Section -80.62 To 9999. %



79

Incident Energy (eV)

78-Pt-196

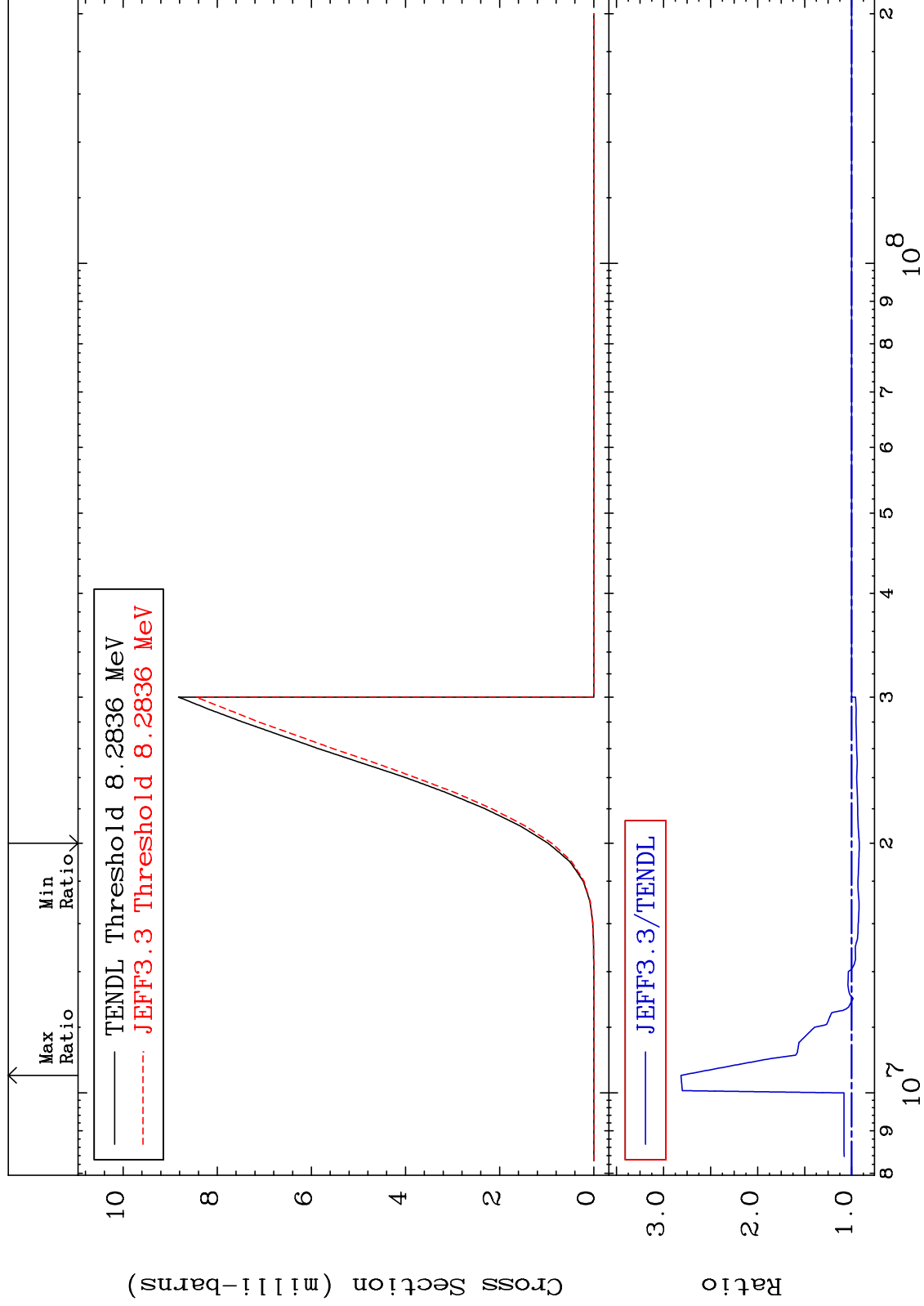


MAT 7843

(n, n') p:77-Ir-195g

78-Pt-196

Radionuclide Production Cross Section -8.078 To 181.4 %



80

Incident Energy (eV)

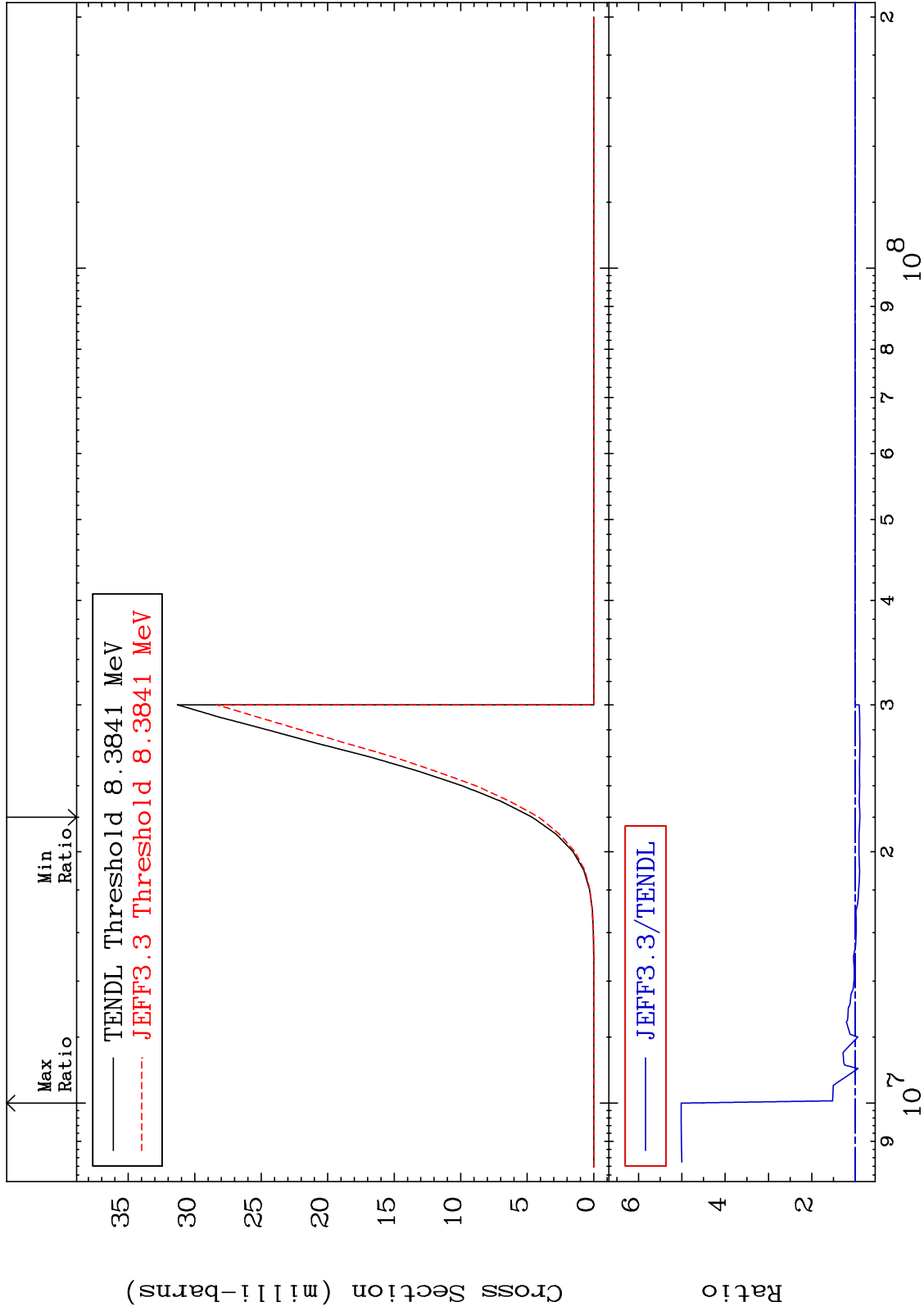
78-Pt-196

MAT 7843

(n, n') p:77-Ir-195m2

78-Pt-196

Radionuclide Production Cross Section -10.96 To 401.4 %



81

Incident Energy (eV)

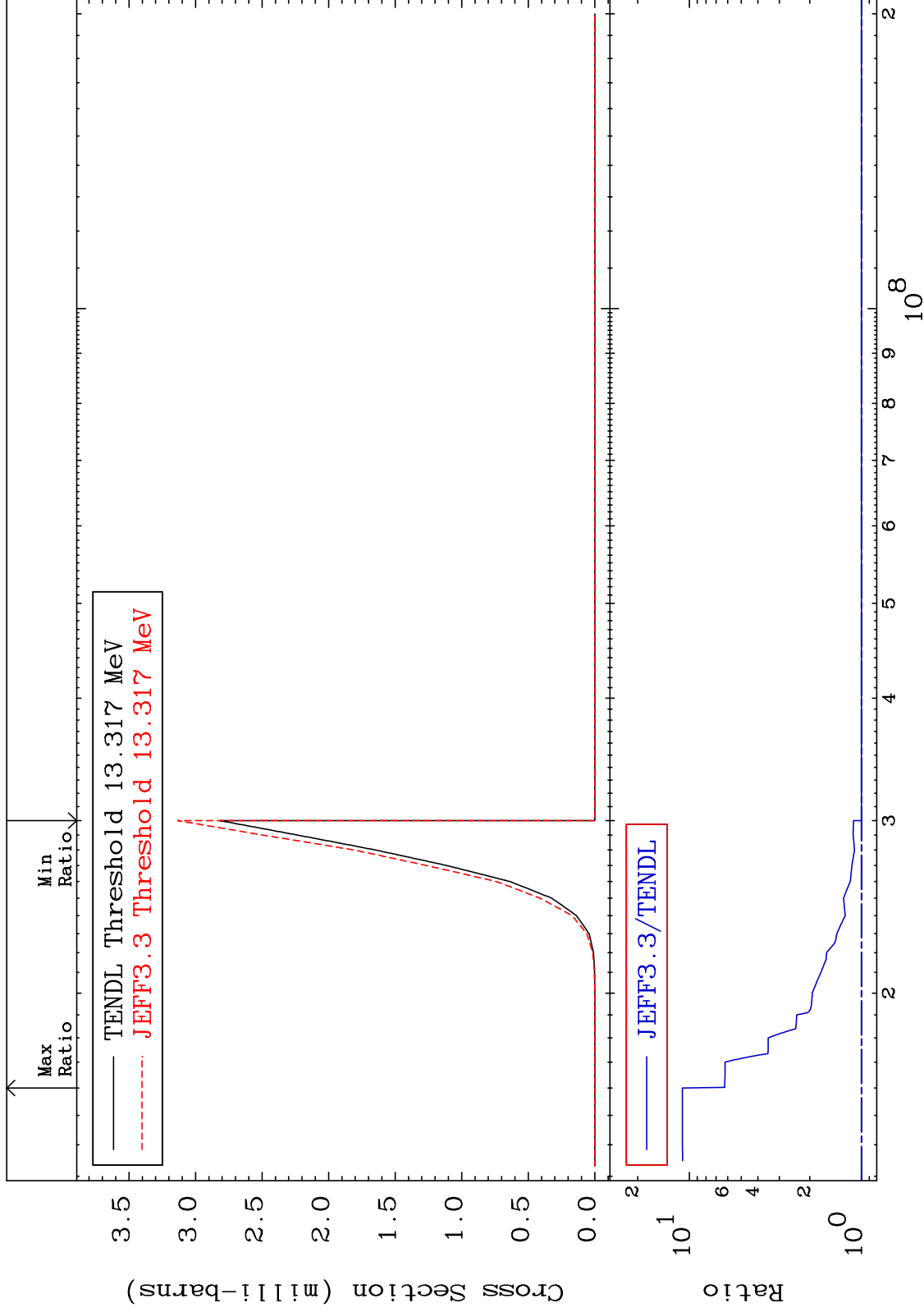
78-Pt-196

MAT 7843

(n, n') d:77-Ir-194g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 998.1 %

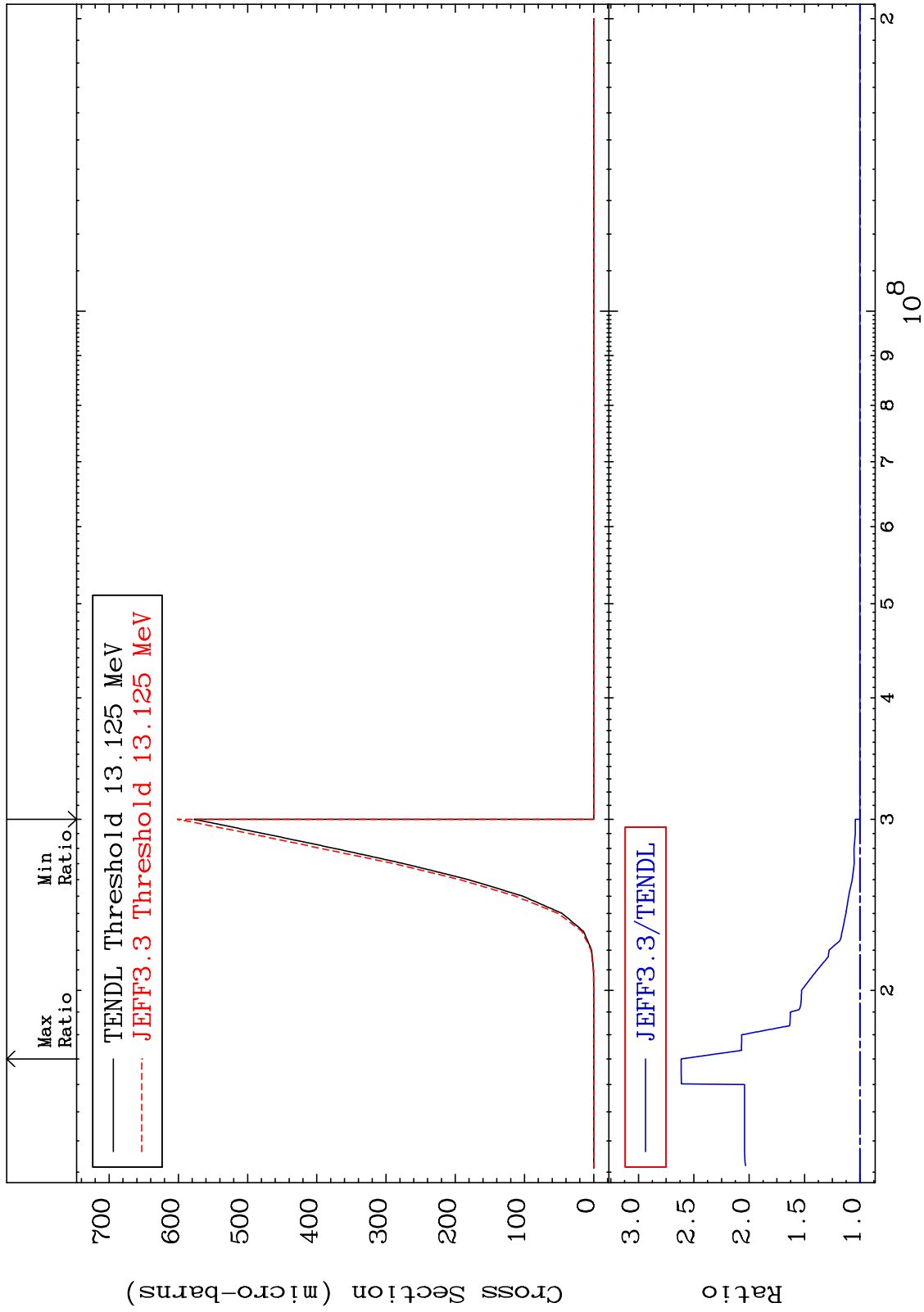


MAT 7843

(n, n') t:77-Ir-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 161.4 %

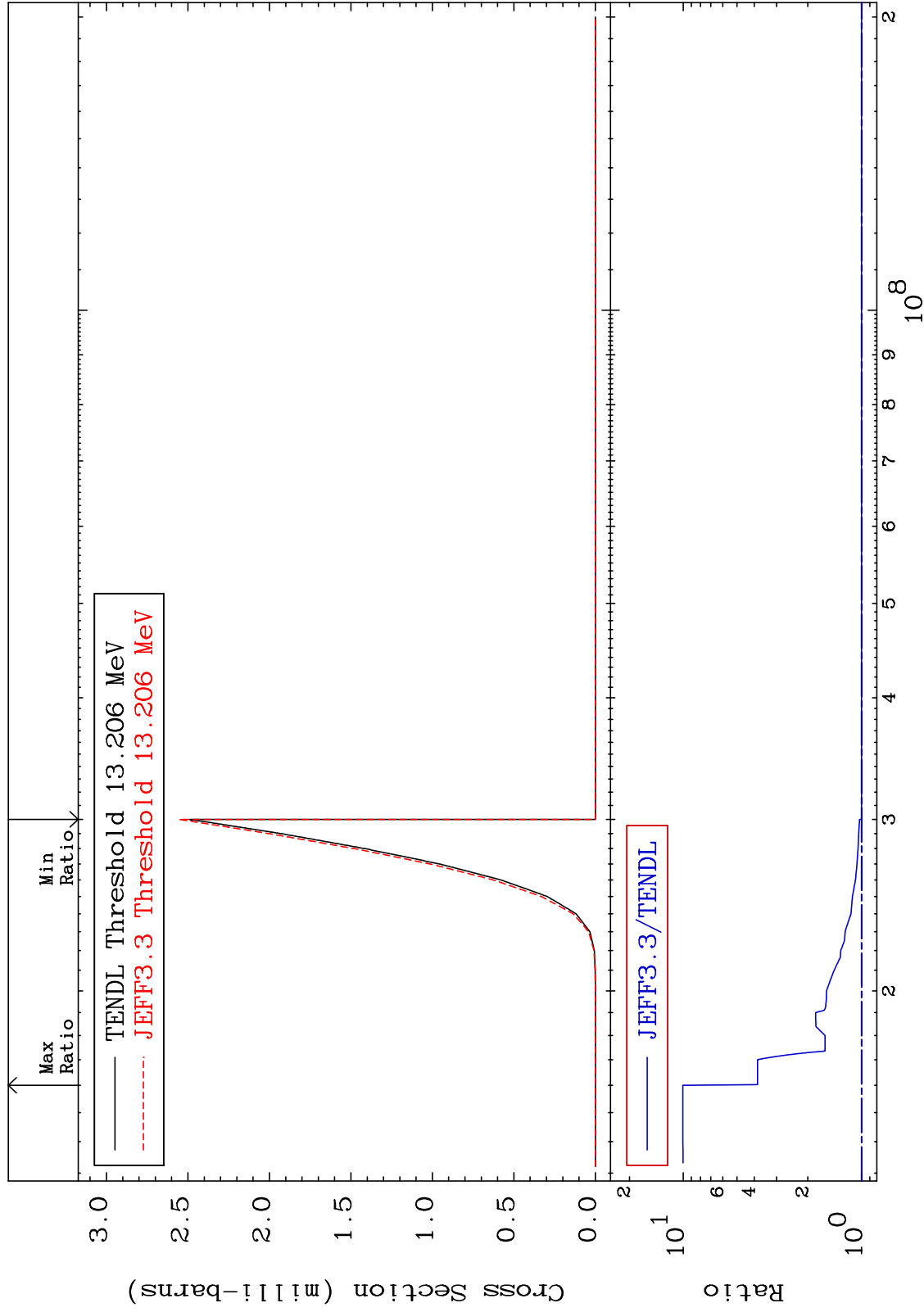


MAT 7843

(n, n') t:77-Ir-193m2

78-Pt-196

Radionuclide Production Cross Section 0.000 To 904.1 %

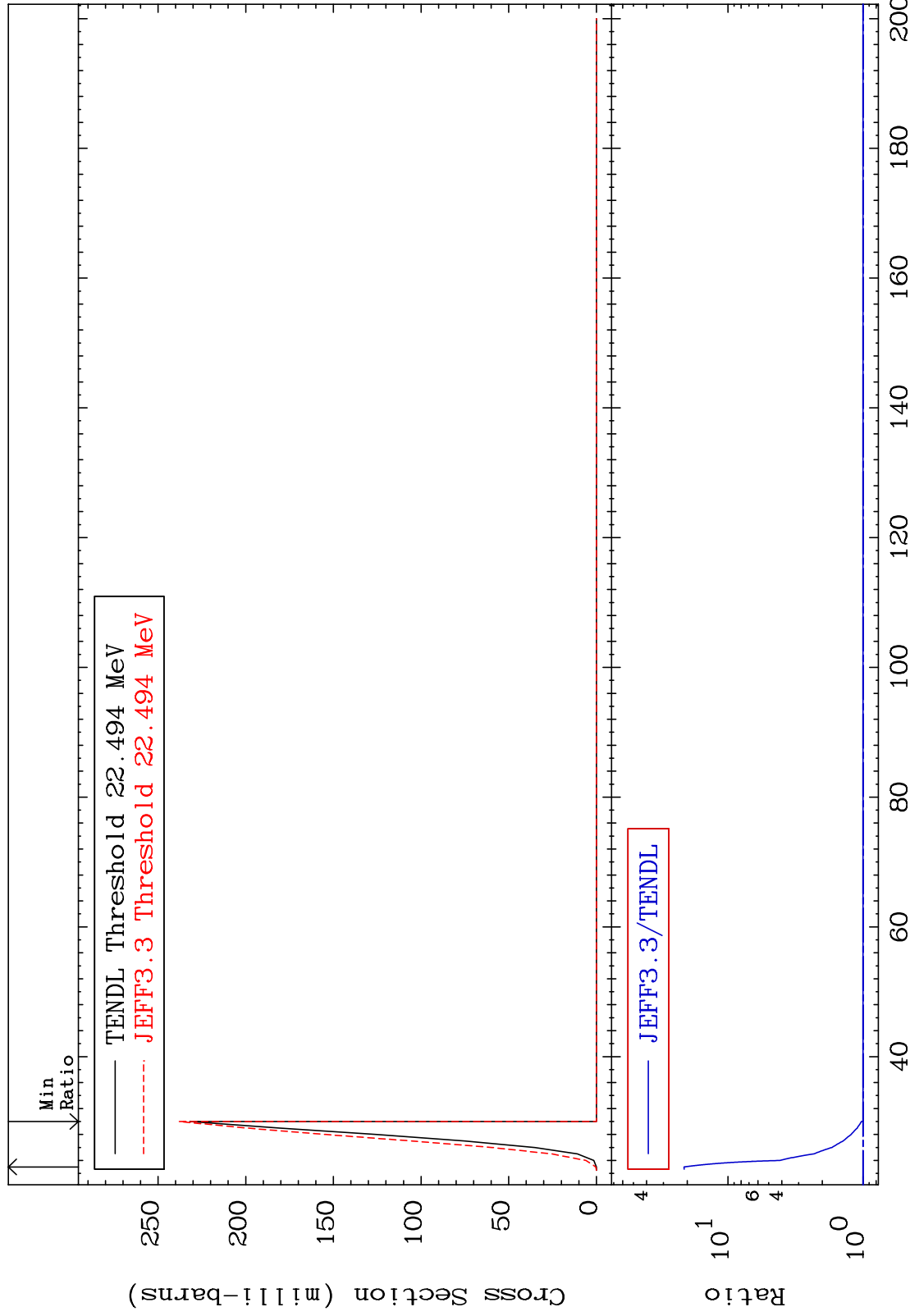


MAT 7843

(n,4n):78-Pt-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 2013. %



85

Incident Energy (MeV)

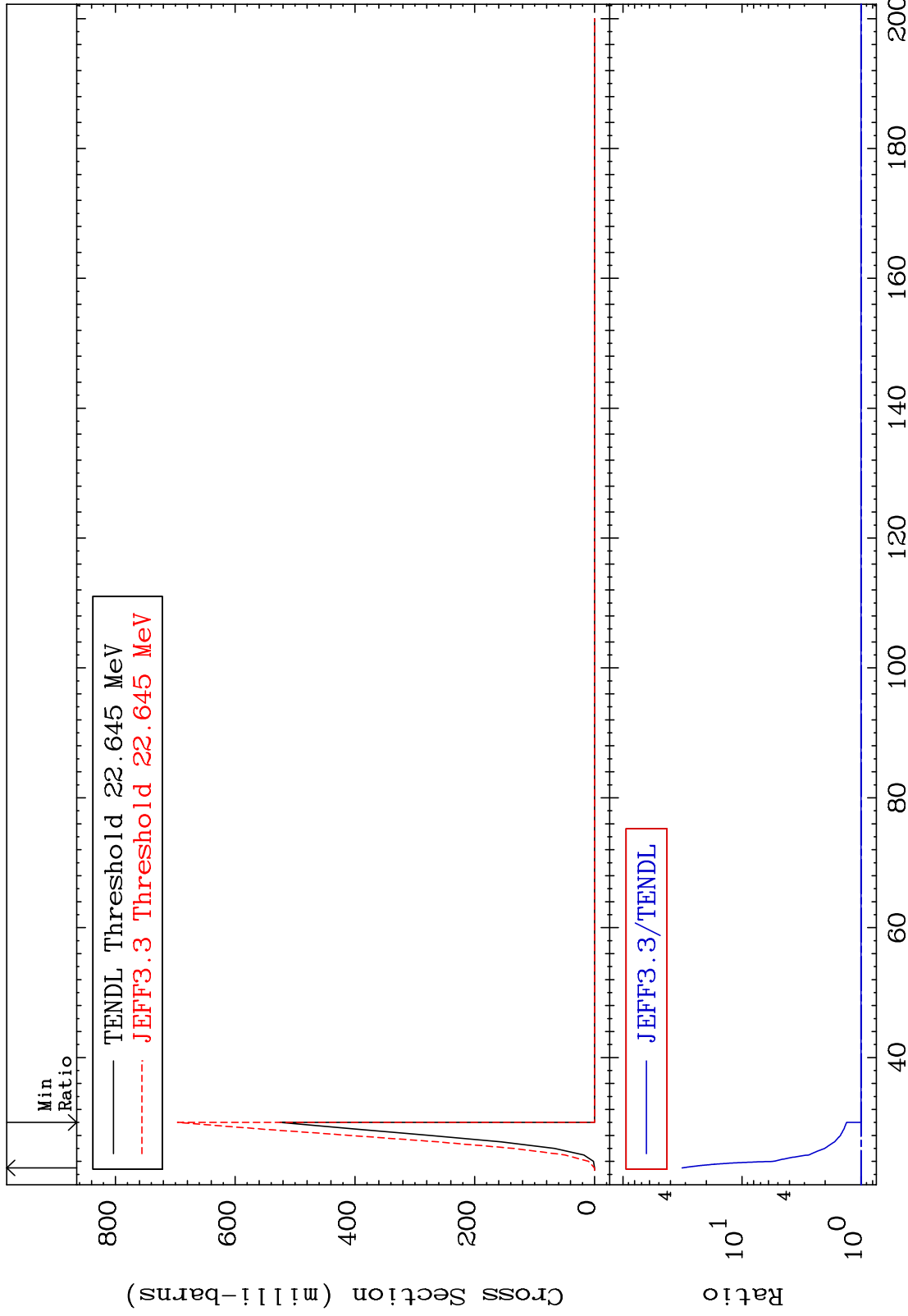
78-Pt-196

MAT 7843

(n, 4n): 78-Pt-193m5

78-Pt-196

Radionuclide Production Cross Section 0.000 To 3090. %

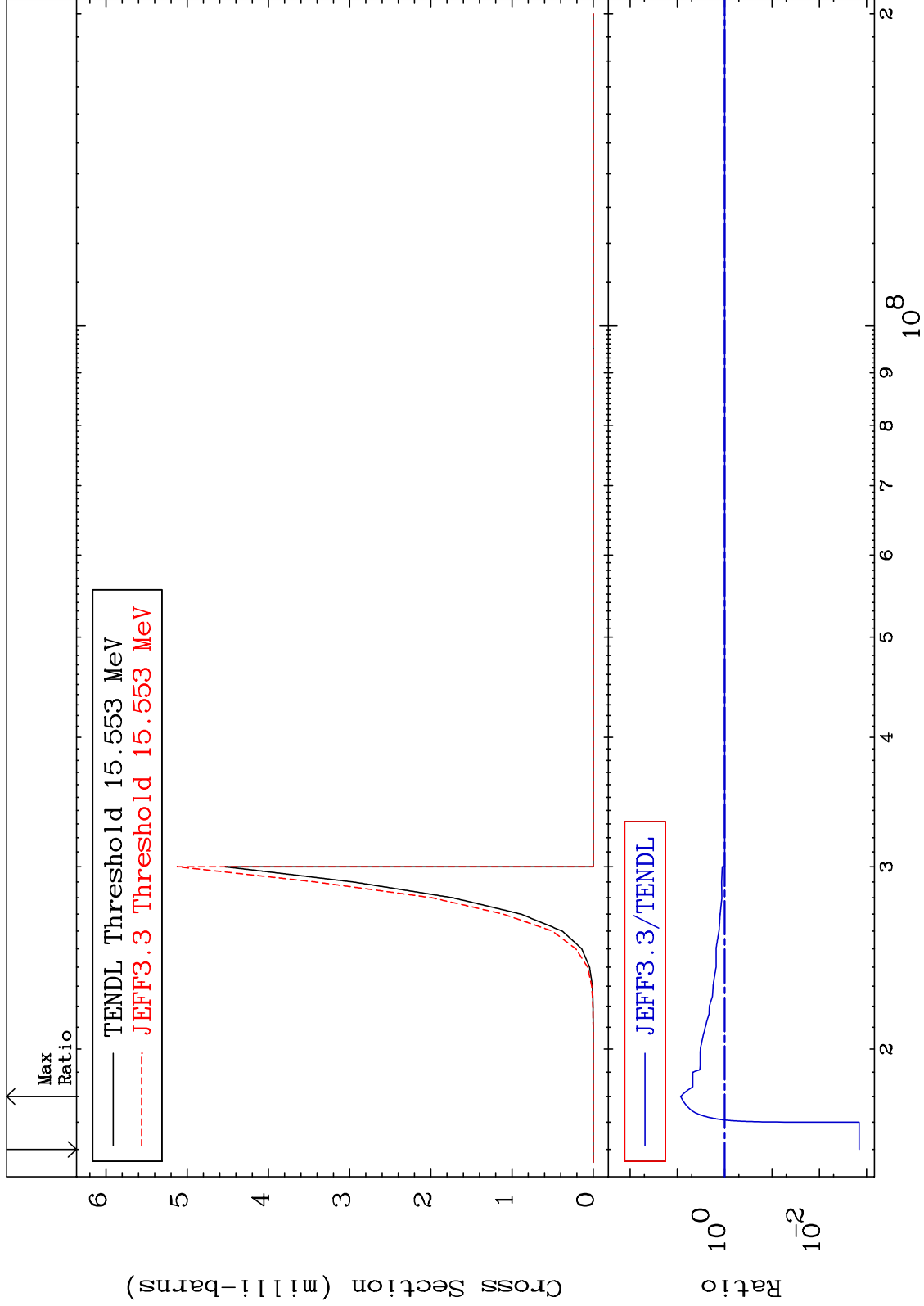


MAT 7843

(n,2n) p:77-Ir-194g

78-Pt-196

Radionuclide Production Cross Section -99.86 To 753.5 %



87

Incident Energy (eV)

78-Pt-196

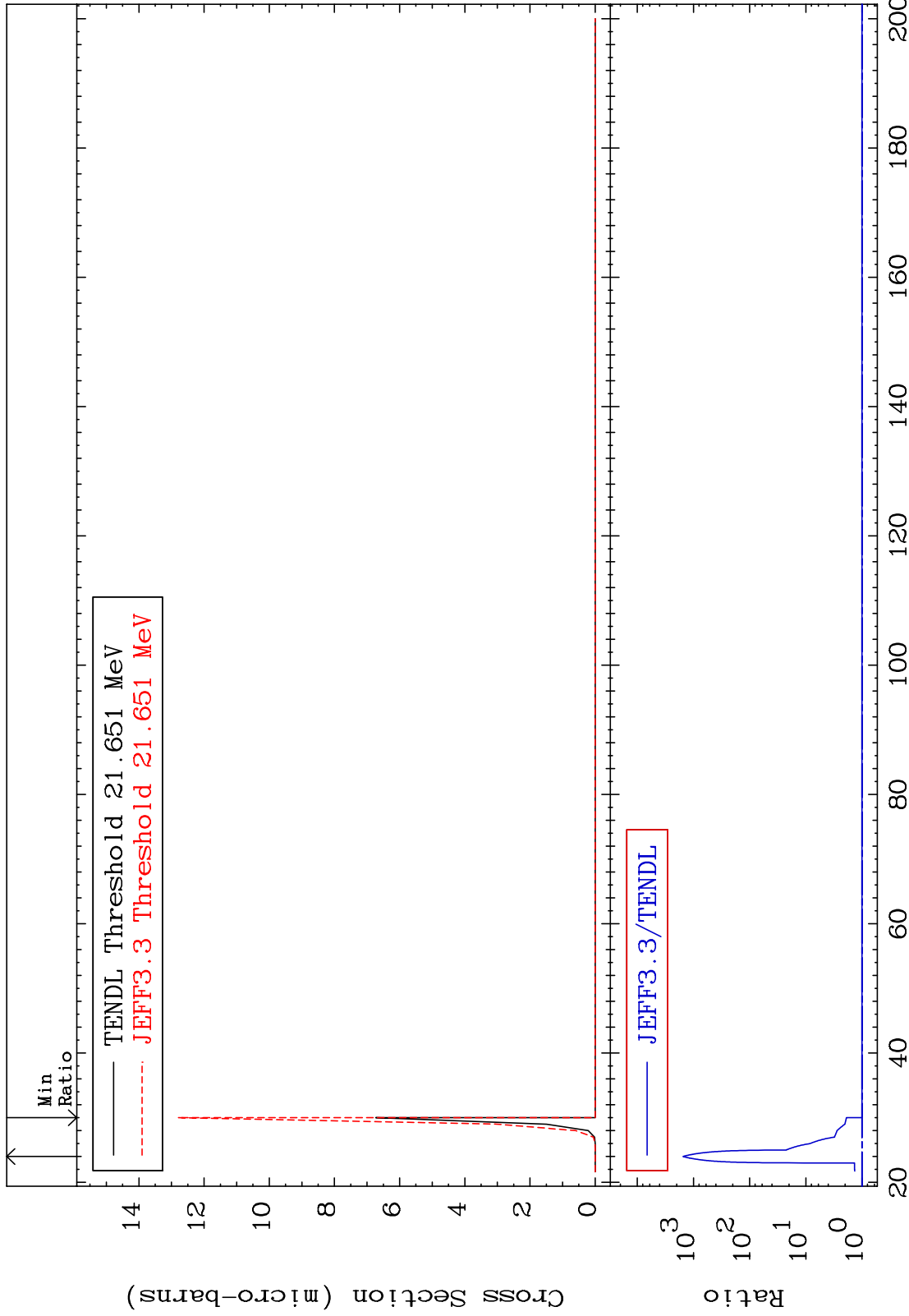


MAT 7843

(n,3n) p:77-Ir-193g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 9999. %

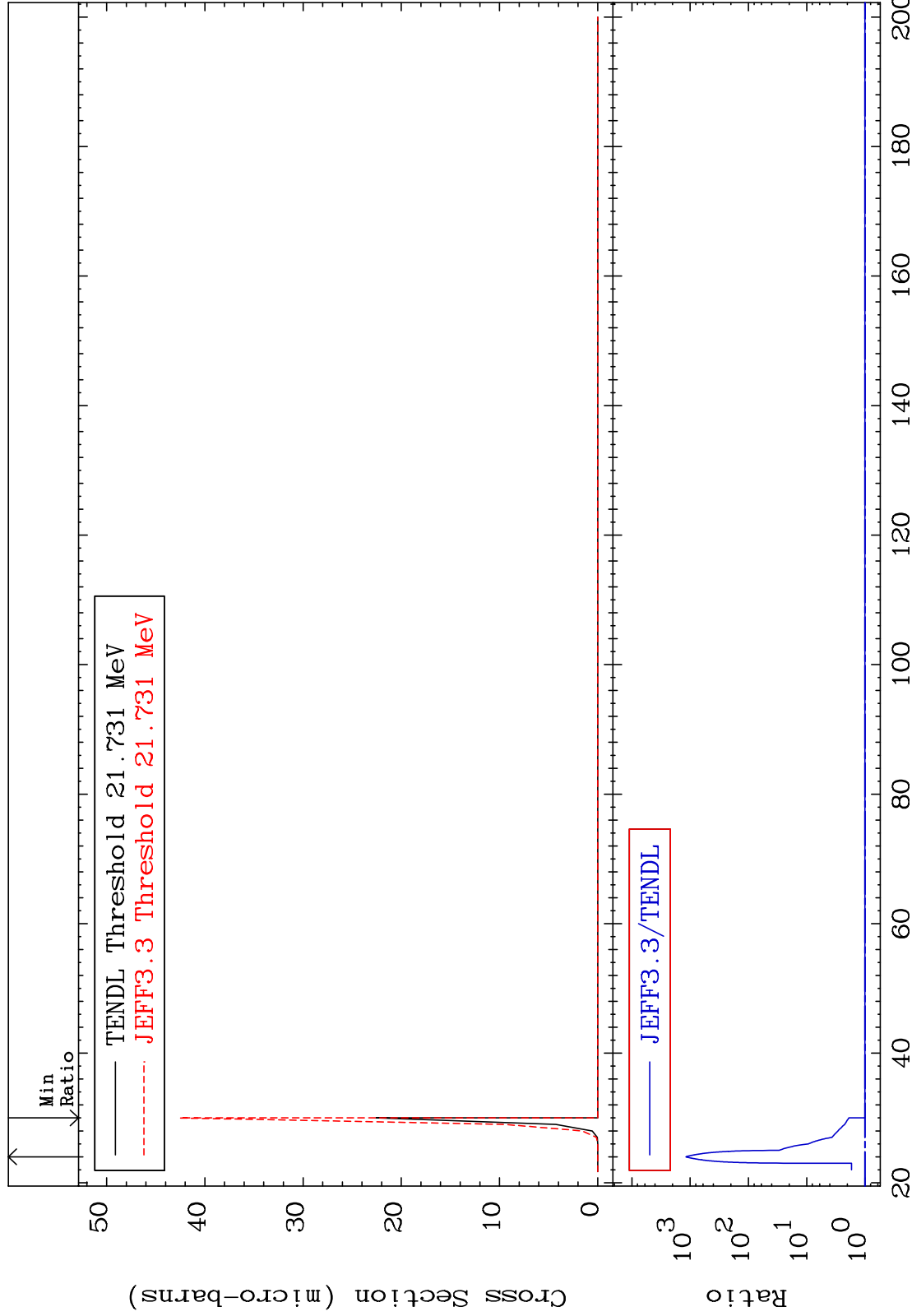


MAT 7843

(n,3n) p:77-Ir-193m2

78-Pt-196

Radionuclide Production Cross Section 0.000 To 9999. %

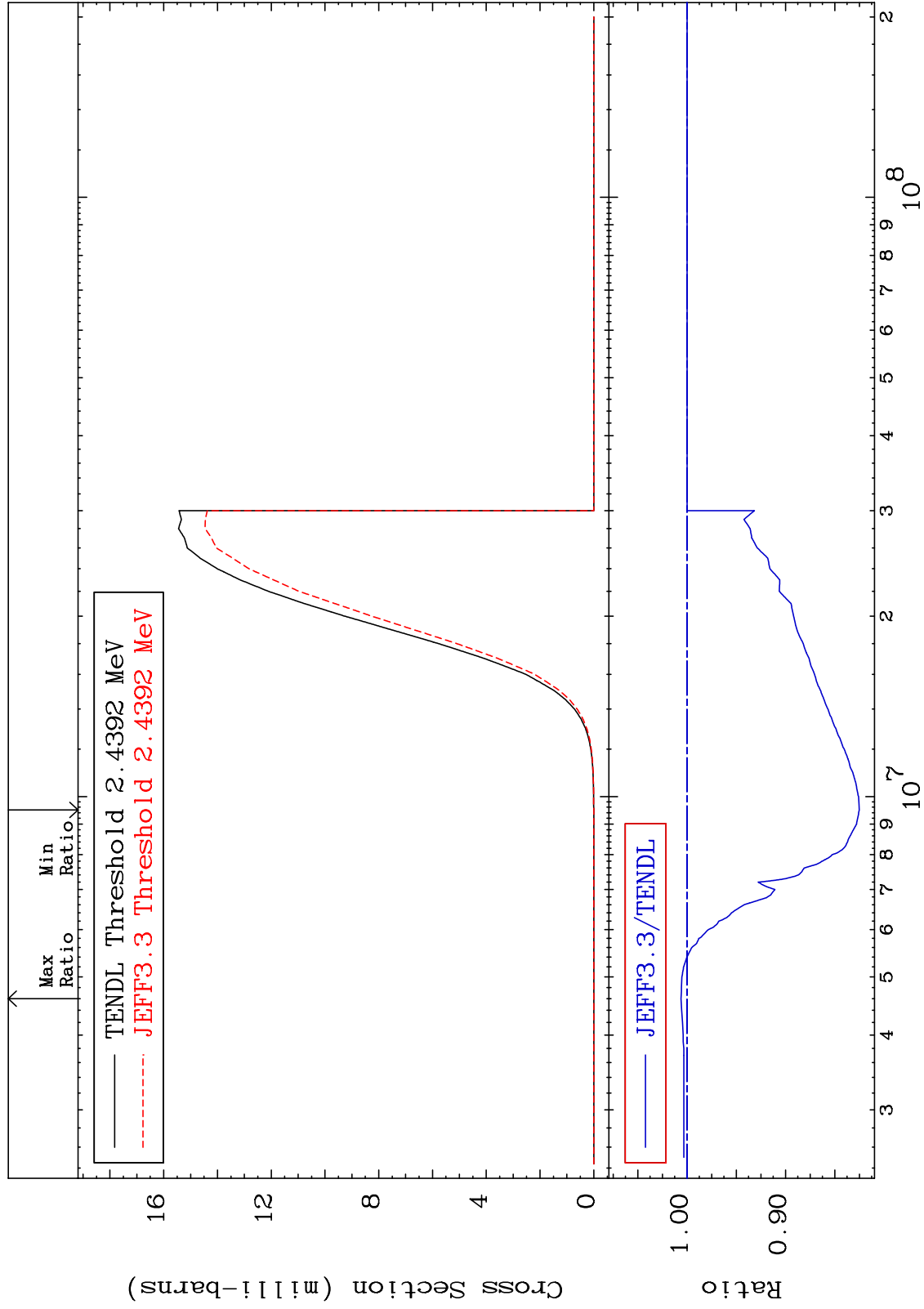


MAT 7843

(n,p):77-Ir-196g

78-Pt-196

Radionuclide Production Cross Section -17.49 To 0.605 %

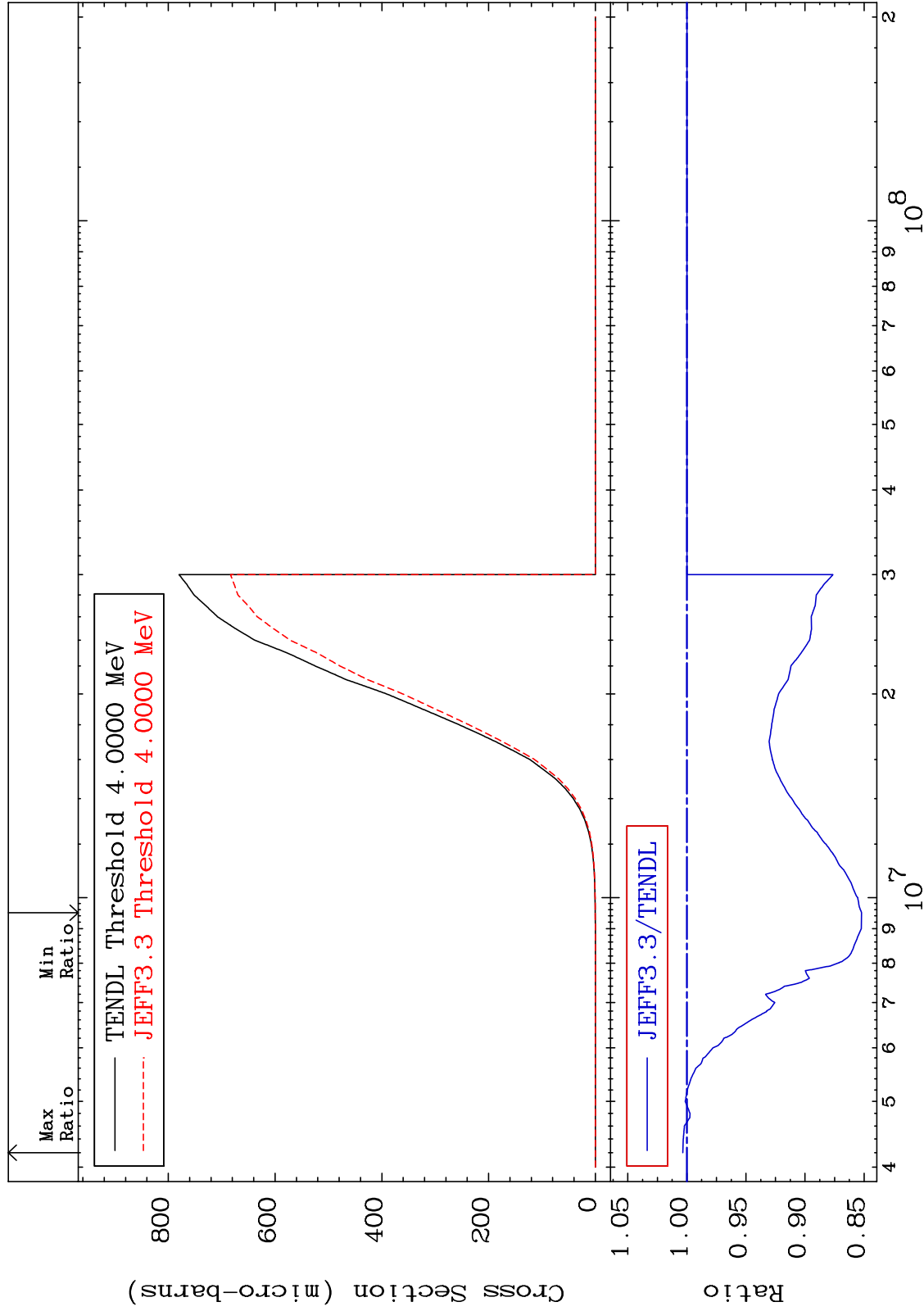


90

Incident Energy (eV)

78-Pt-196

Radionuclide Production Cross Section -14.79 To 0.341 %

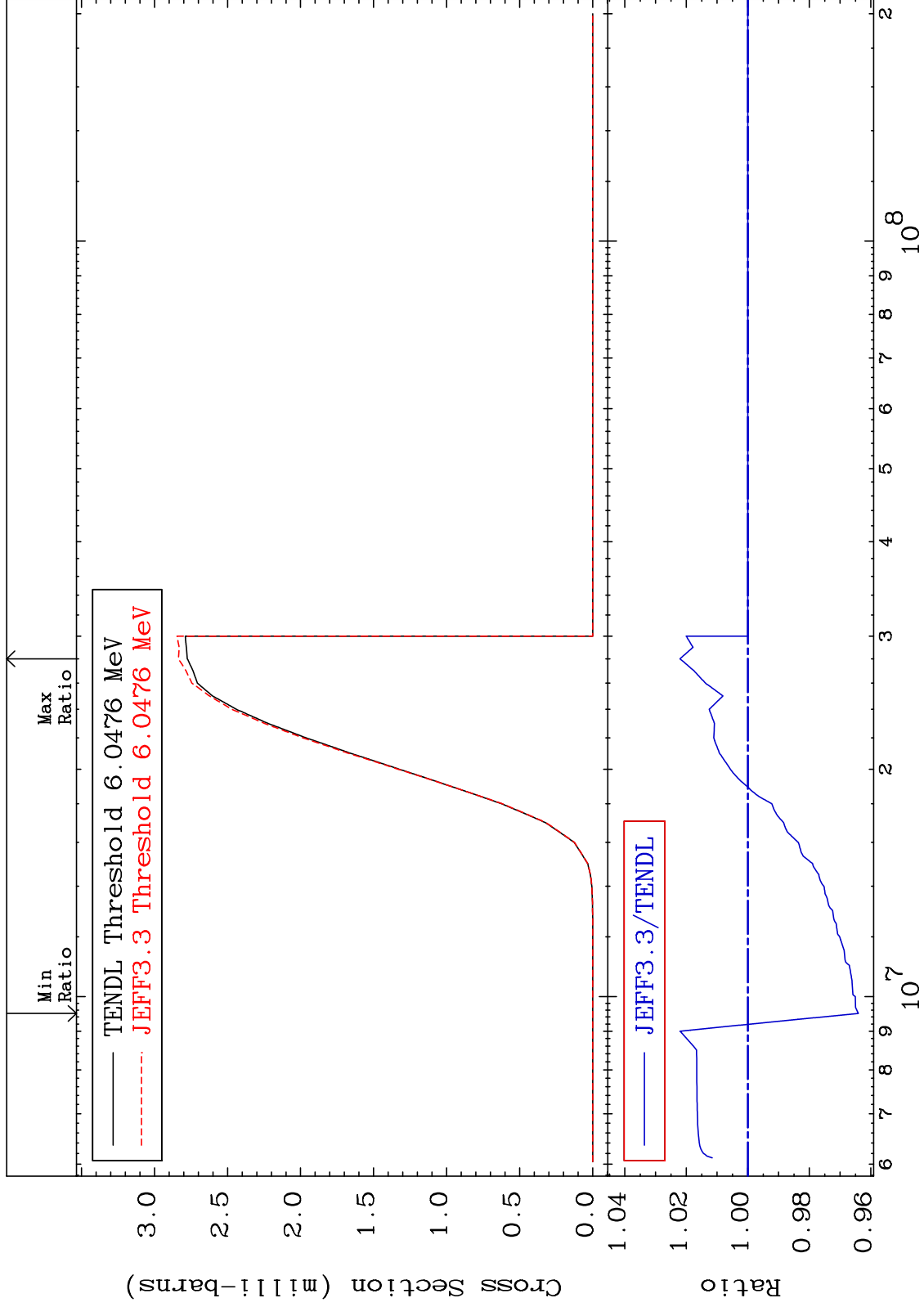


MAT 7843

(n,d):77-Ir-195g

78-Pt-196

Radionuclide Production Cross Section -3.594 To 2.205 %



92

Incident Energy (eV)

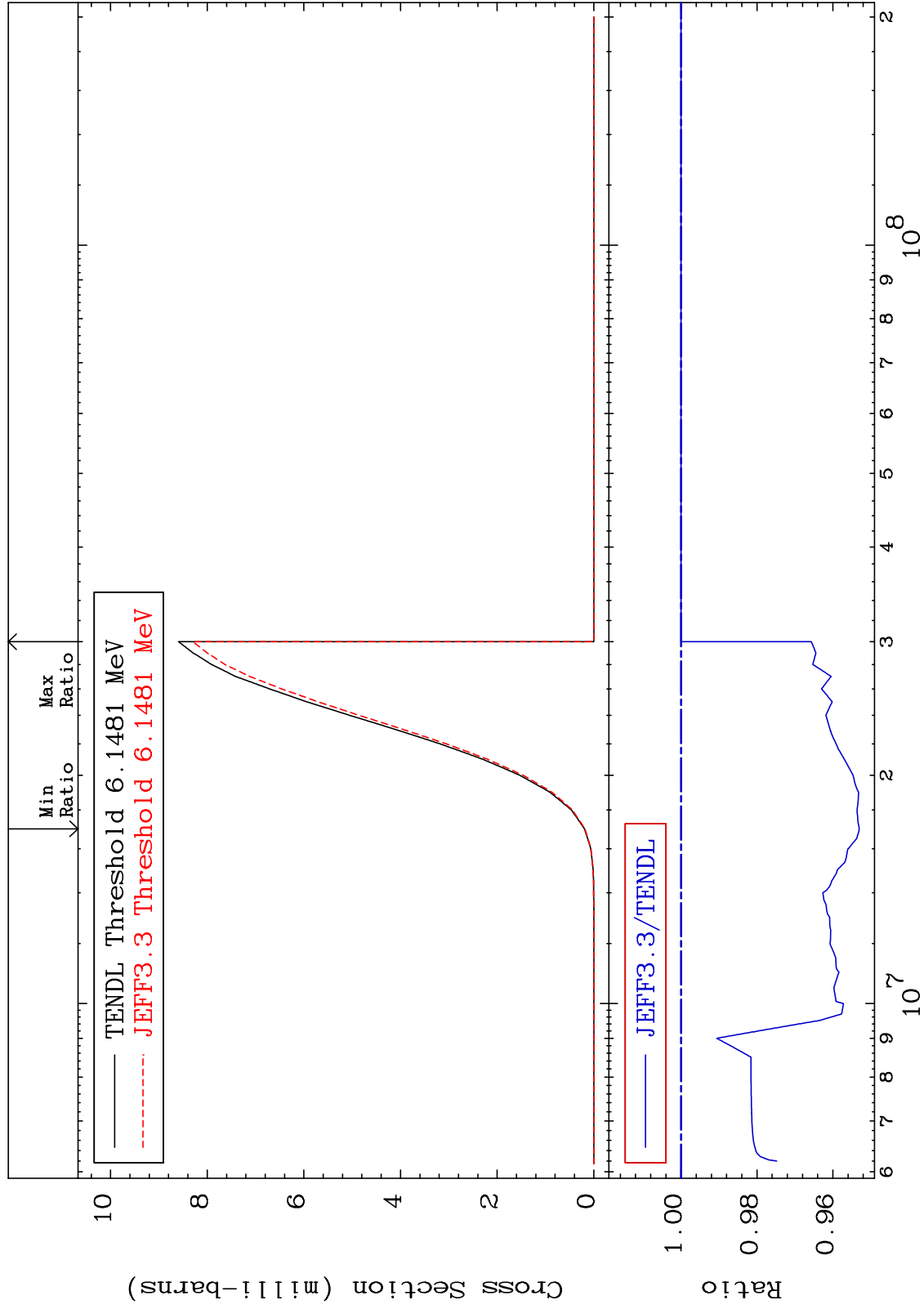
78-Pt-196

MAT 7843

(n, d) : 77-Ir-195m2

78-Pt-196

Radionuclide Production Cross Section -4.696 To 0.000 %



93

Incident Energy (eV)

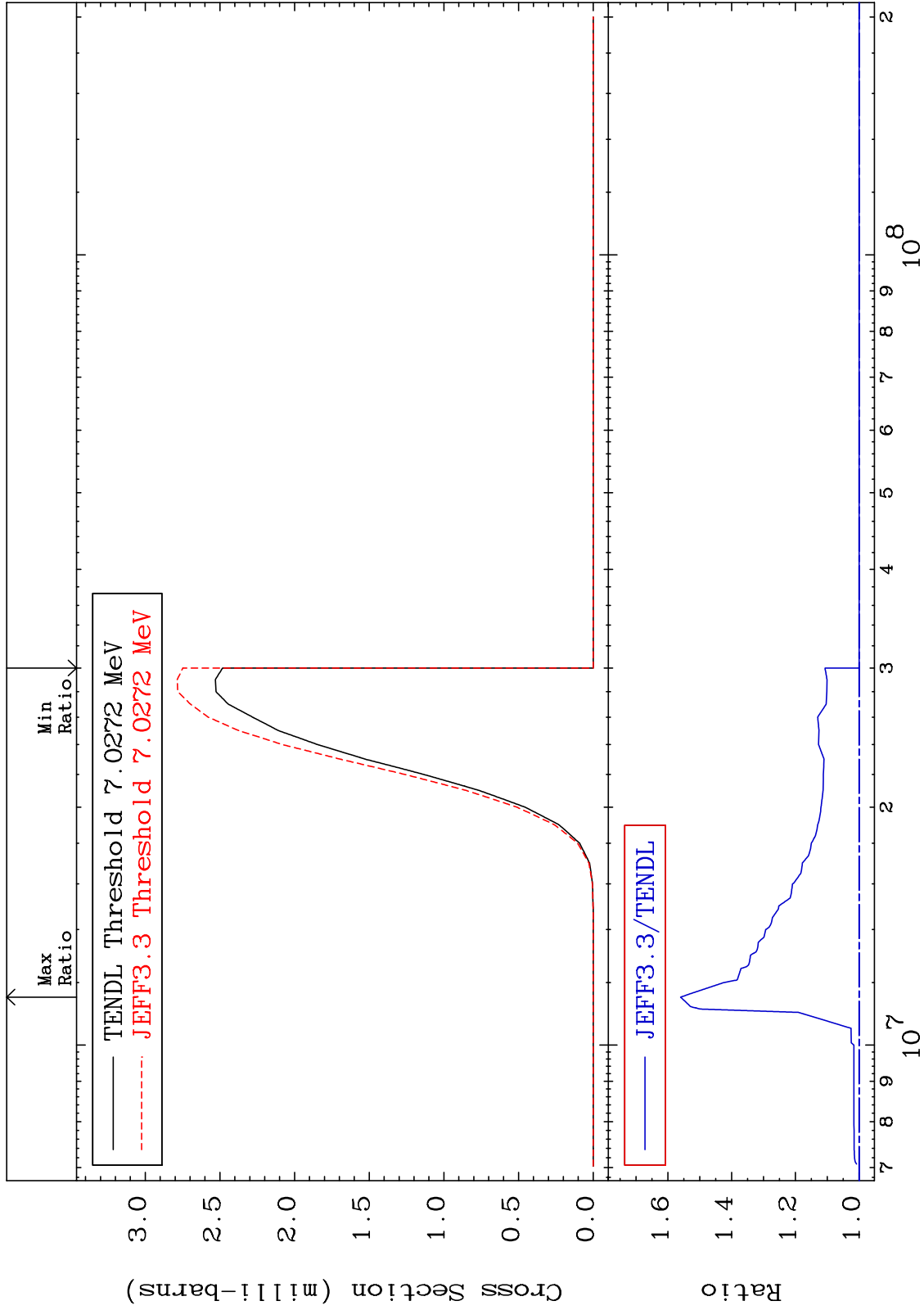
78-Pt-196

MAT 7843

(n, t): 77-Ir-194g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 56.03 %



94

Incident Energy (eV)

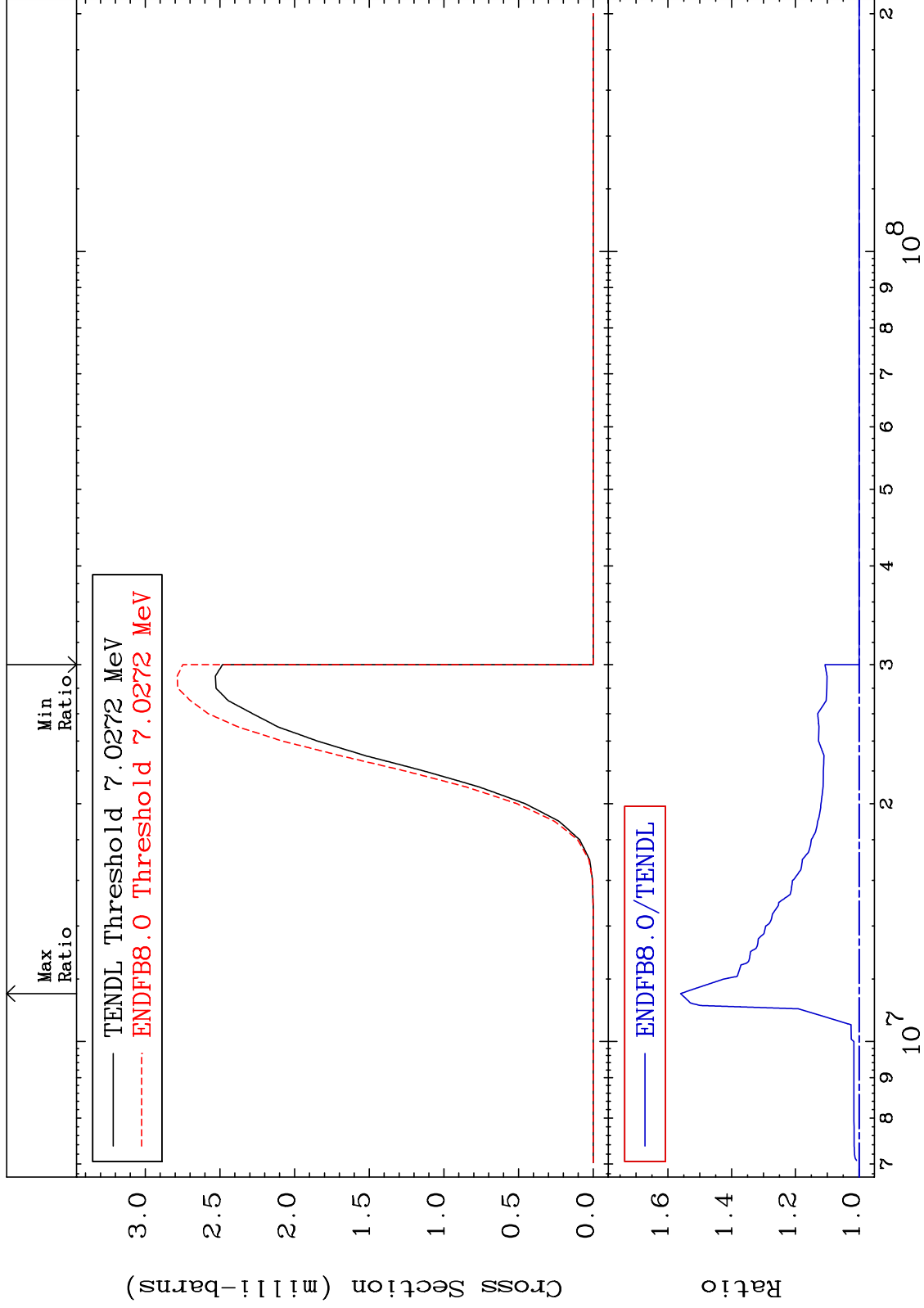
78-Pt-196

MAT 7843

(n, t): 77-Ir-194g

78-Pt-196

Radionuclide Production Cross Section 0.000 To 56.03 %



95

Incident Energy (eV)

78-Pt-196