

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

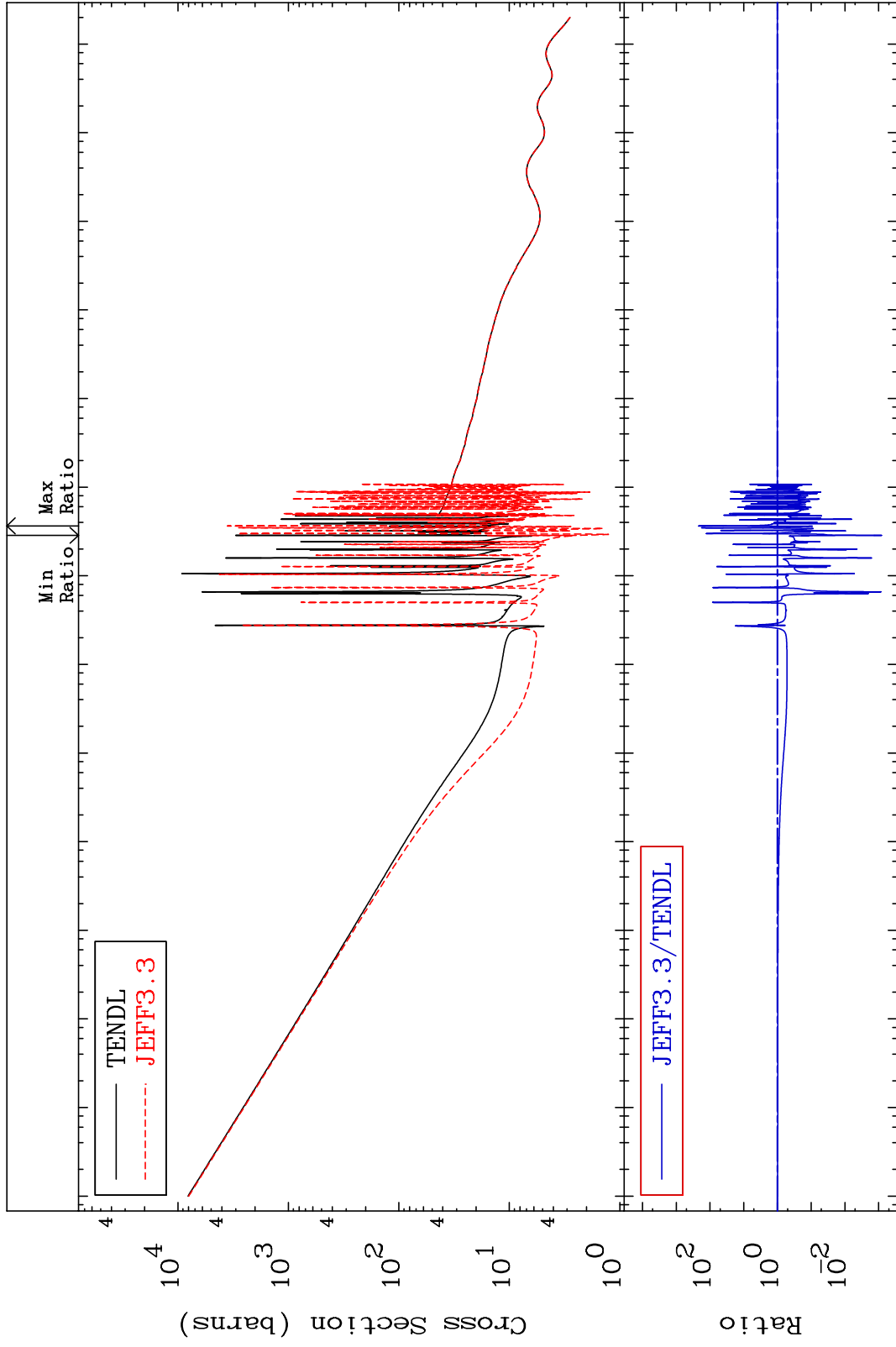
MAT 7825

Total

78-Pt-190

Cross Section

-99.92 To 9999. %



1

Incident Energy (eV)

78-Pt-190

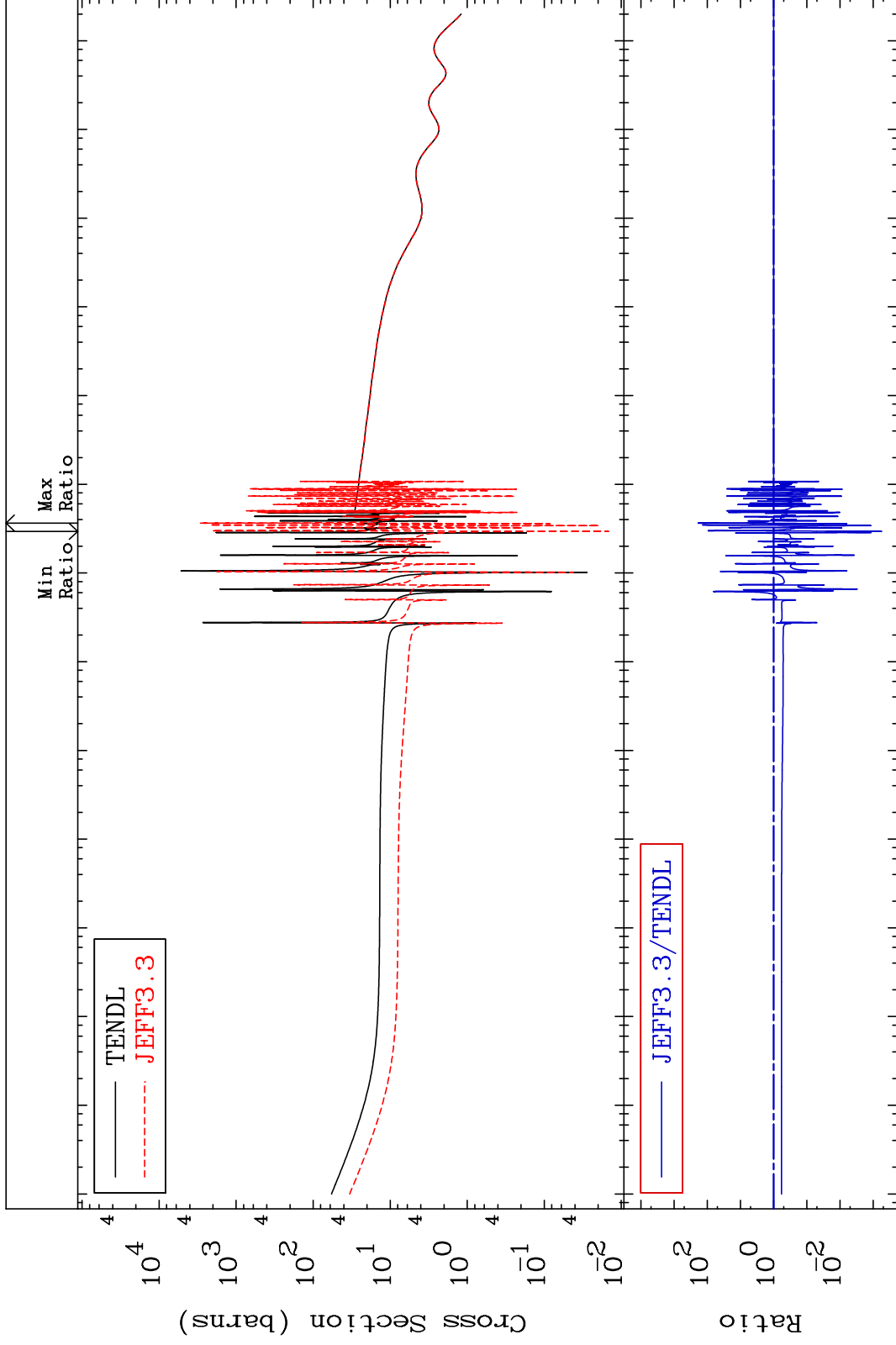
MAT 7825

Elastic

78-Pt-190

Cross Section

-99.94 To 9999. %



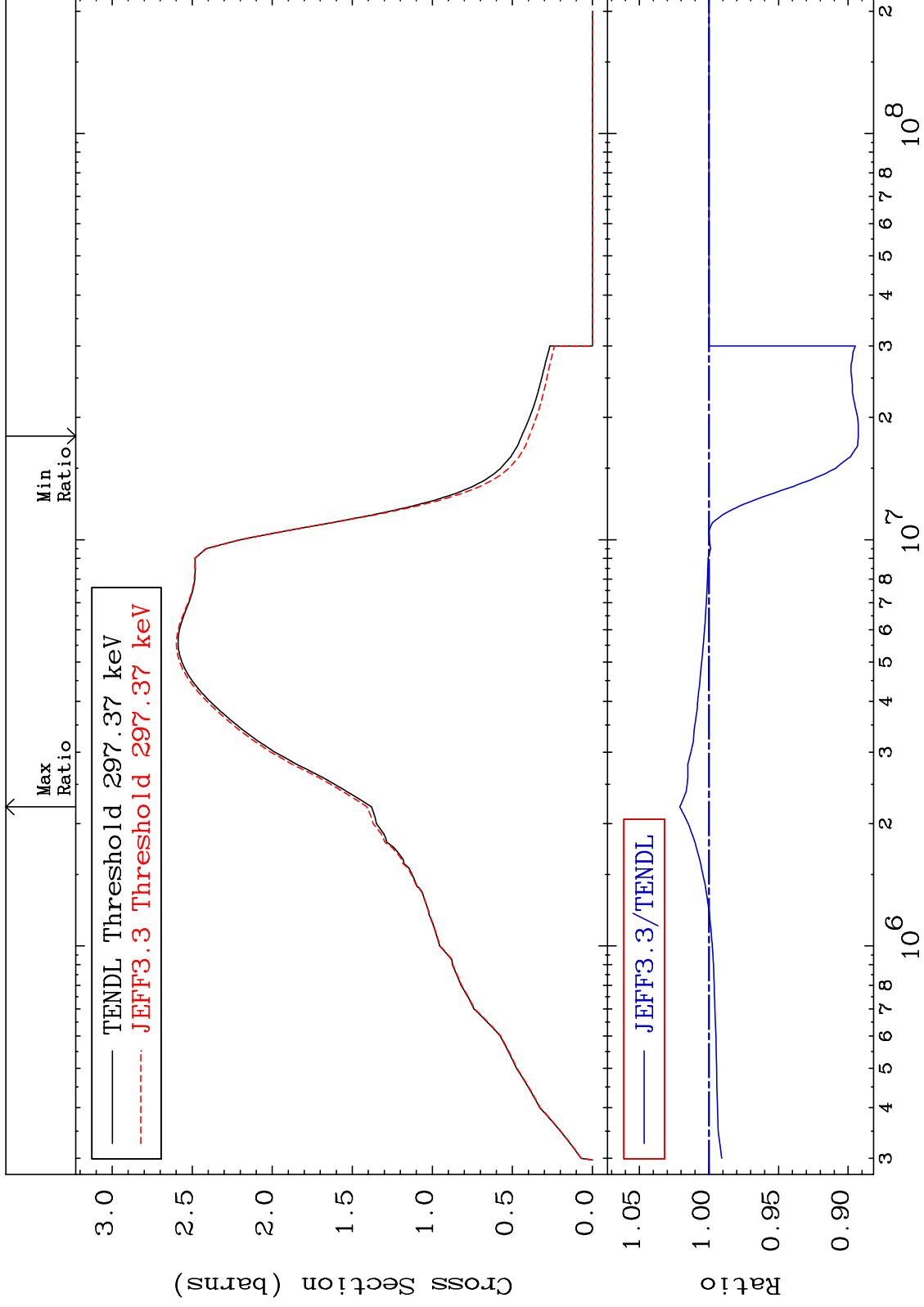
MAT 7825

Inelastic

78-Pt-190

Cross Section

-10.74 To 2.096 %



Incident Energy (eV)

78-Pt-190

3

MAT 7825

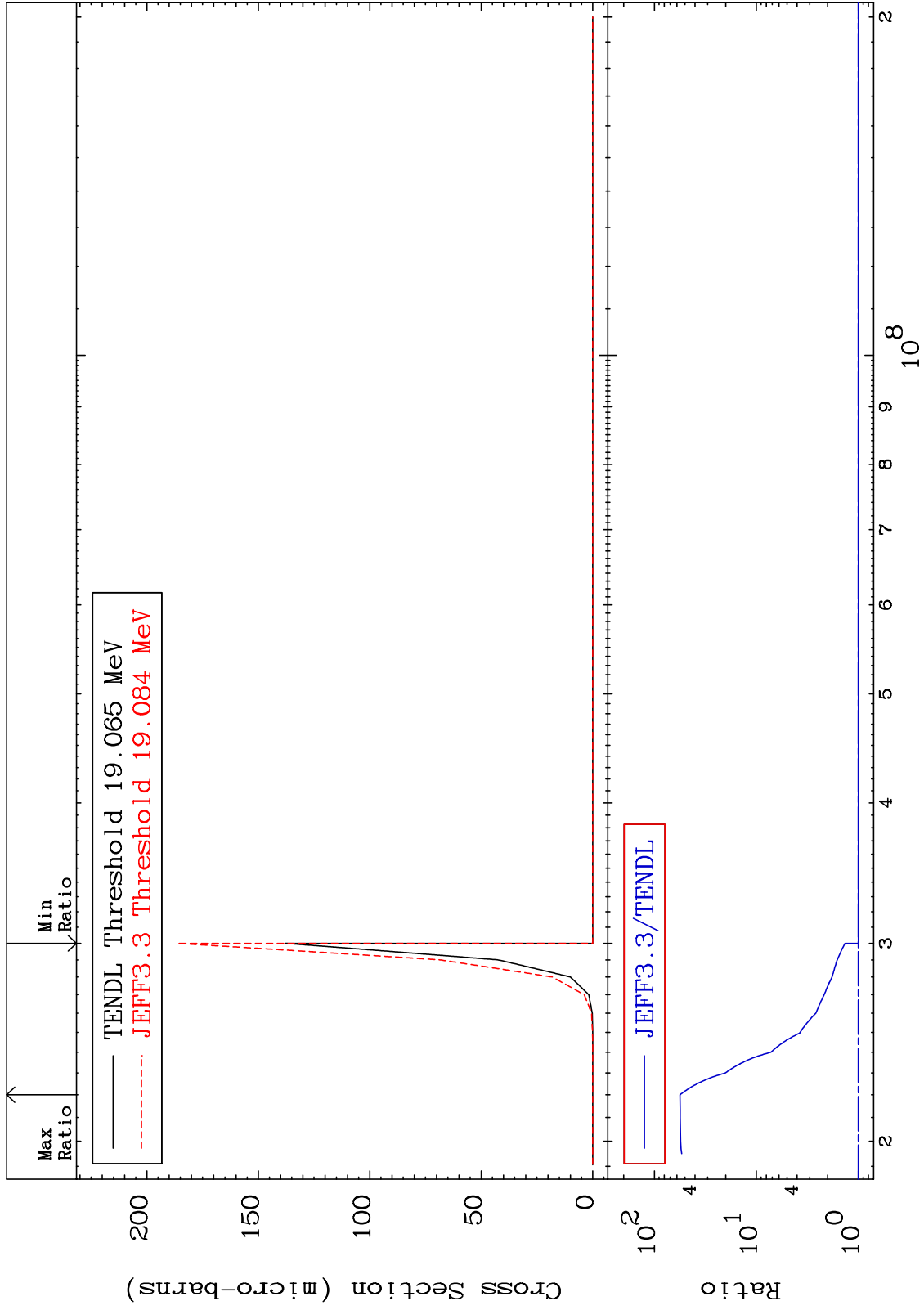
(n,2n) d

78-Pt-190

Cross Section

0.000

To 5501. %



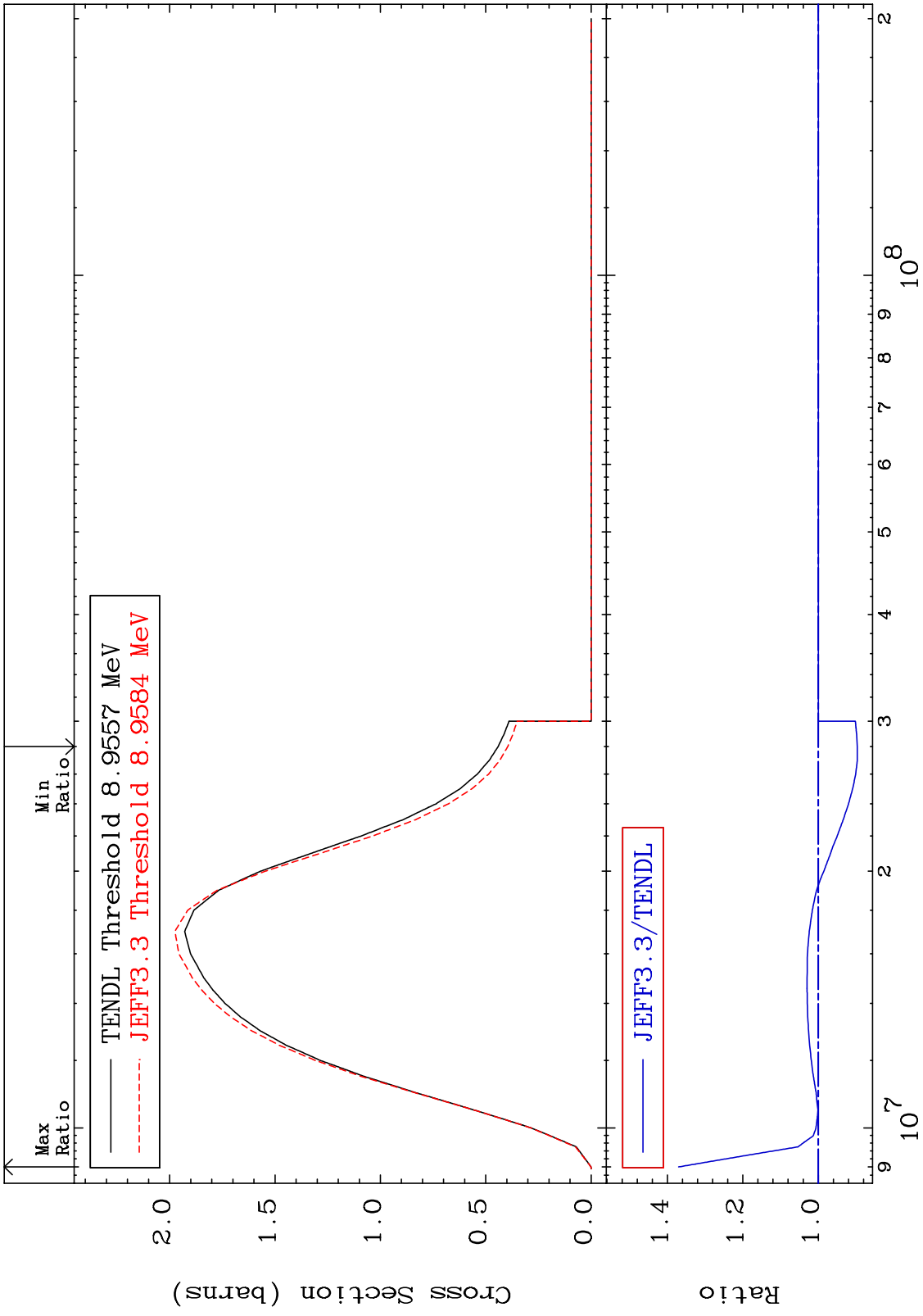
MAT 7825

(n,2n)

78-Pt-190

Cross Section

-10.34 To 37.02 %



78-Pt-190

Incident Energy (eV)

5

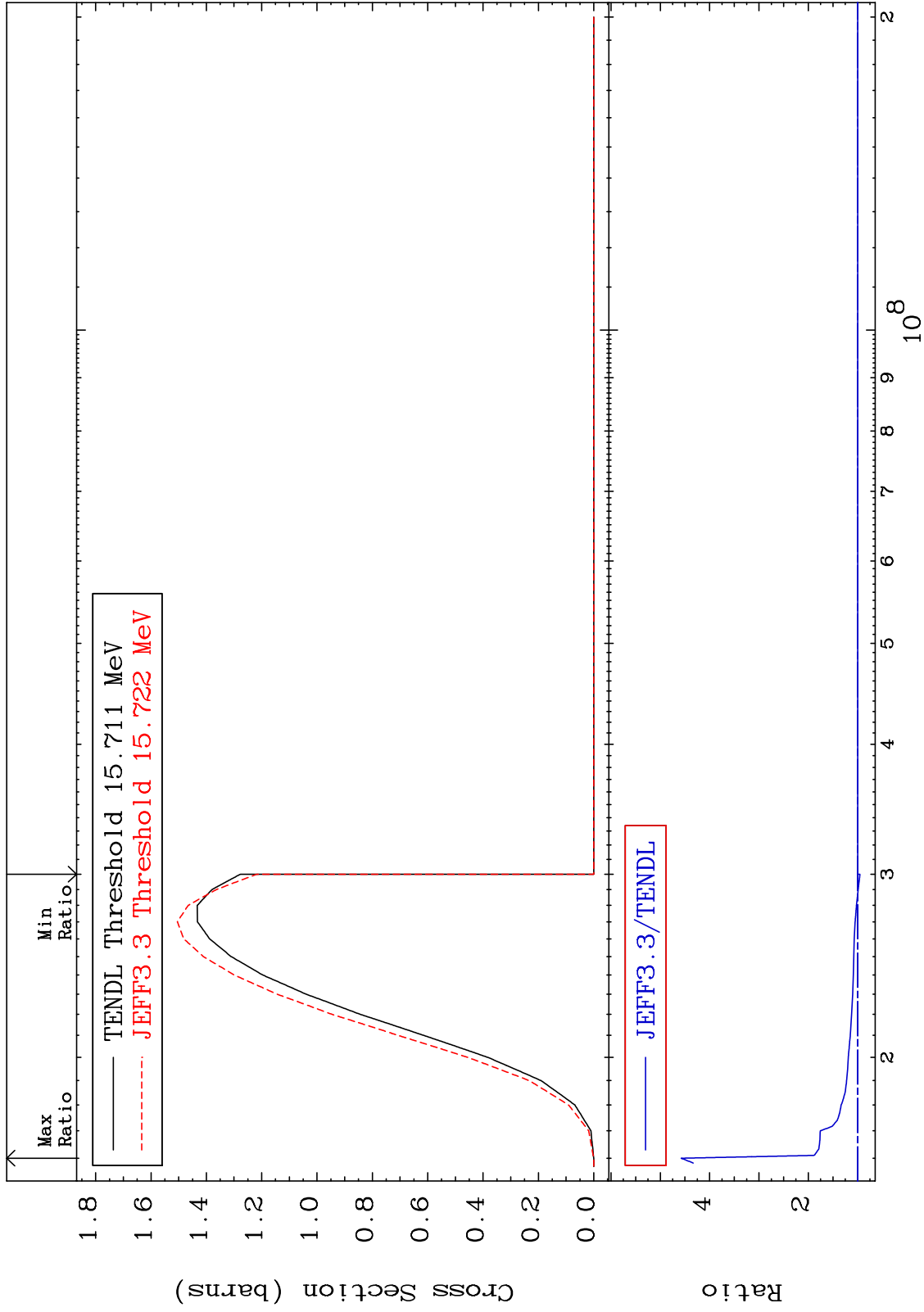
MAT 7825

(n, 3n)

78-Pt-190

Cross Section

-4.687 To 357.6 %



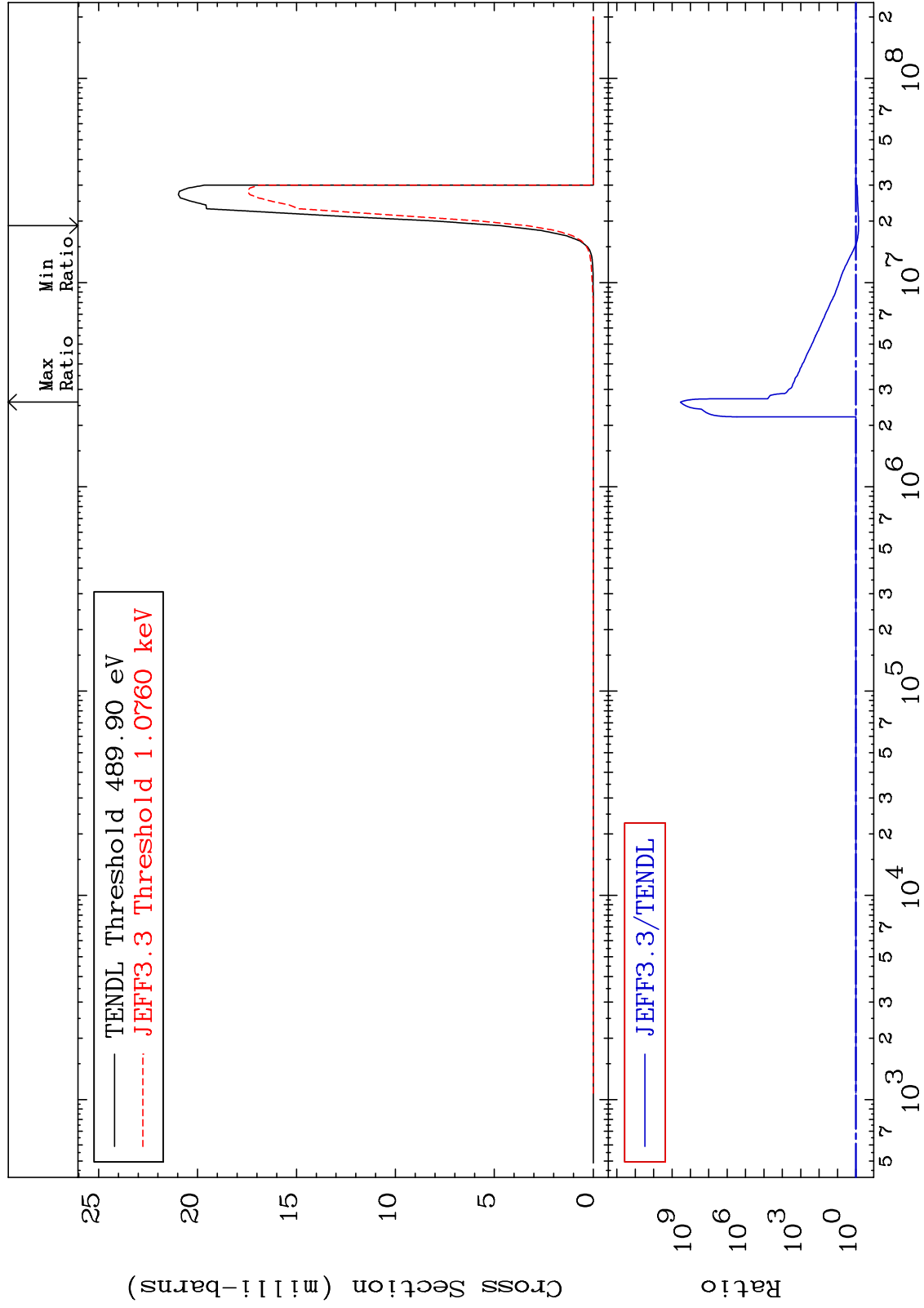
MAT 7825

(n, n')  $\alpha$

Cross Section

78-Pt-190

-28.45 To 9999. %





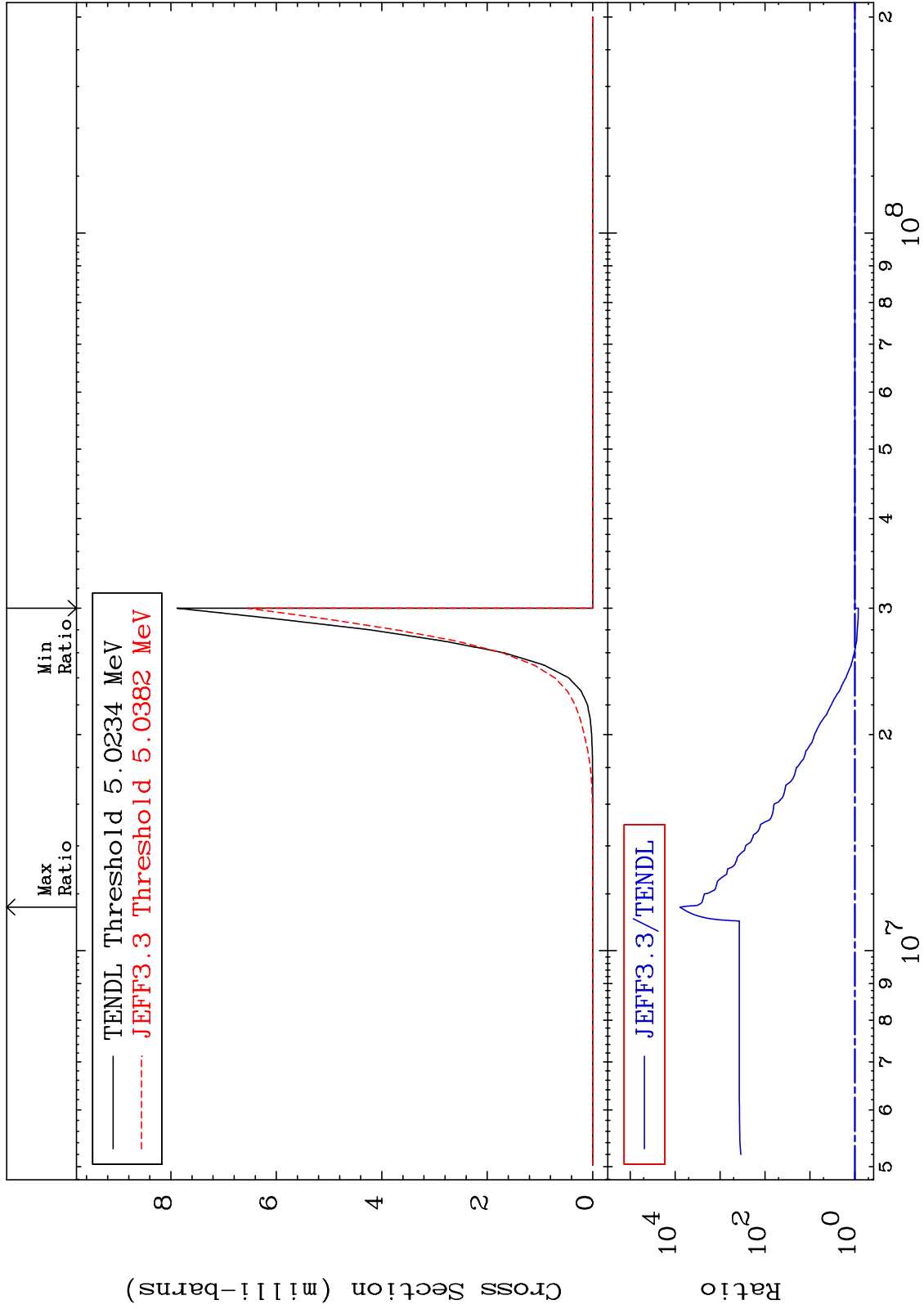
MAT 7825

(n,2n)  $\alpha$

78-Pt-190

-17.00 To 9999. %

Cross Section



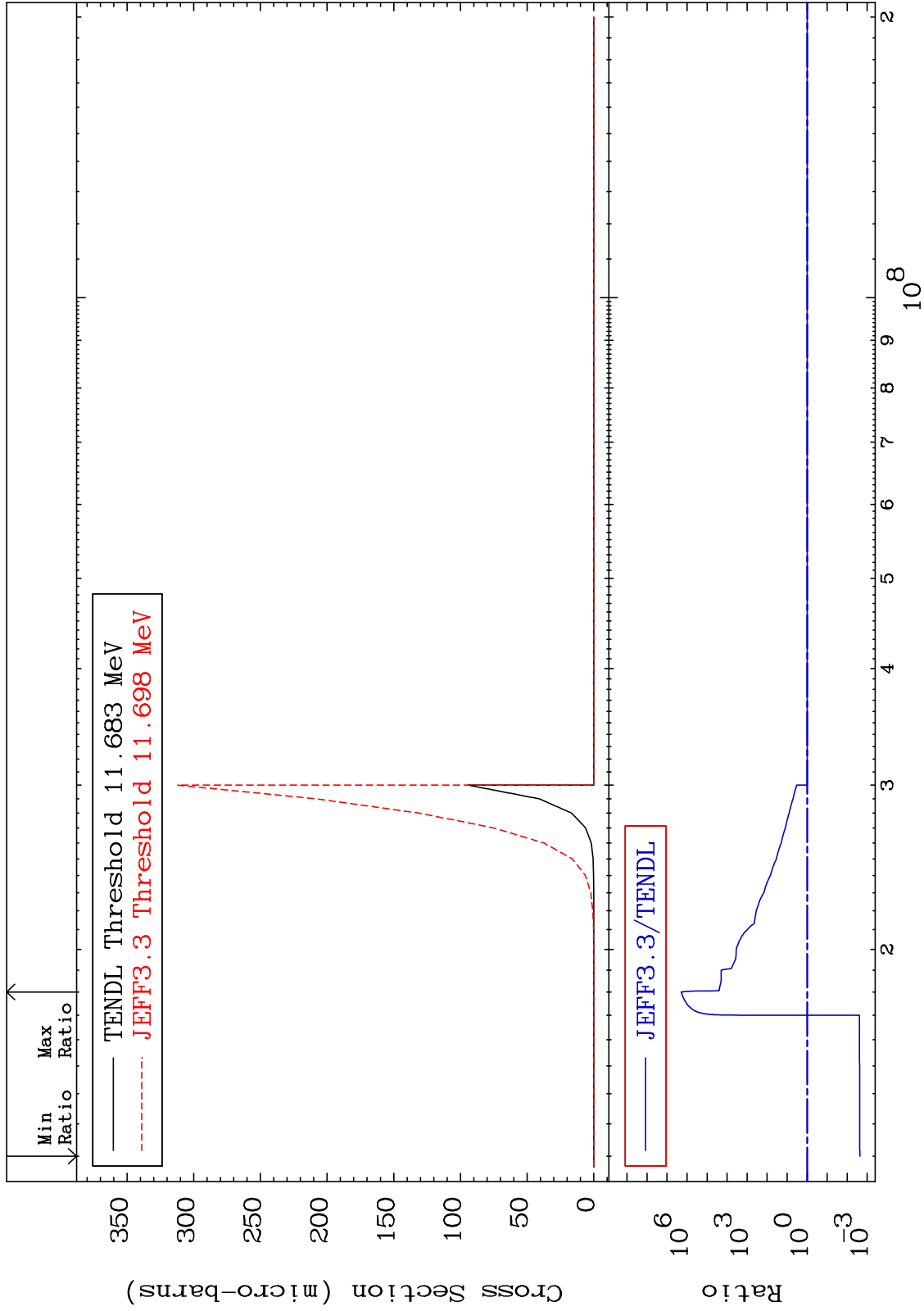
MAT 7825

(n,3n)  $\alpha$

78-Pt-190

Cross Section

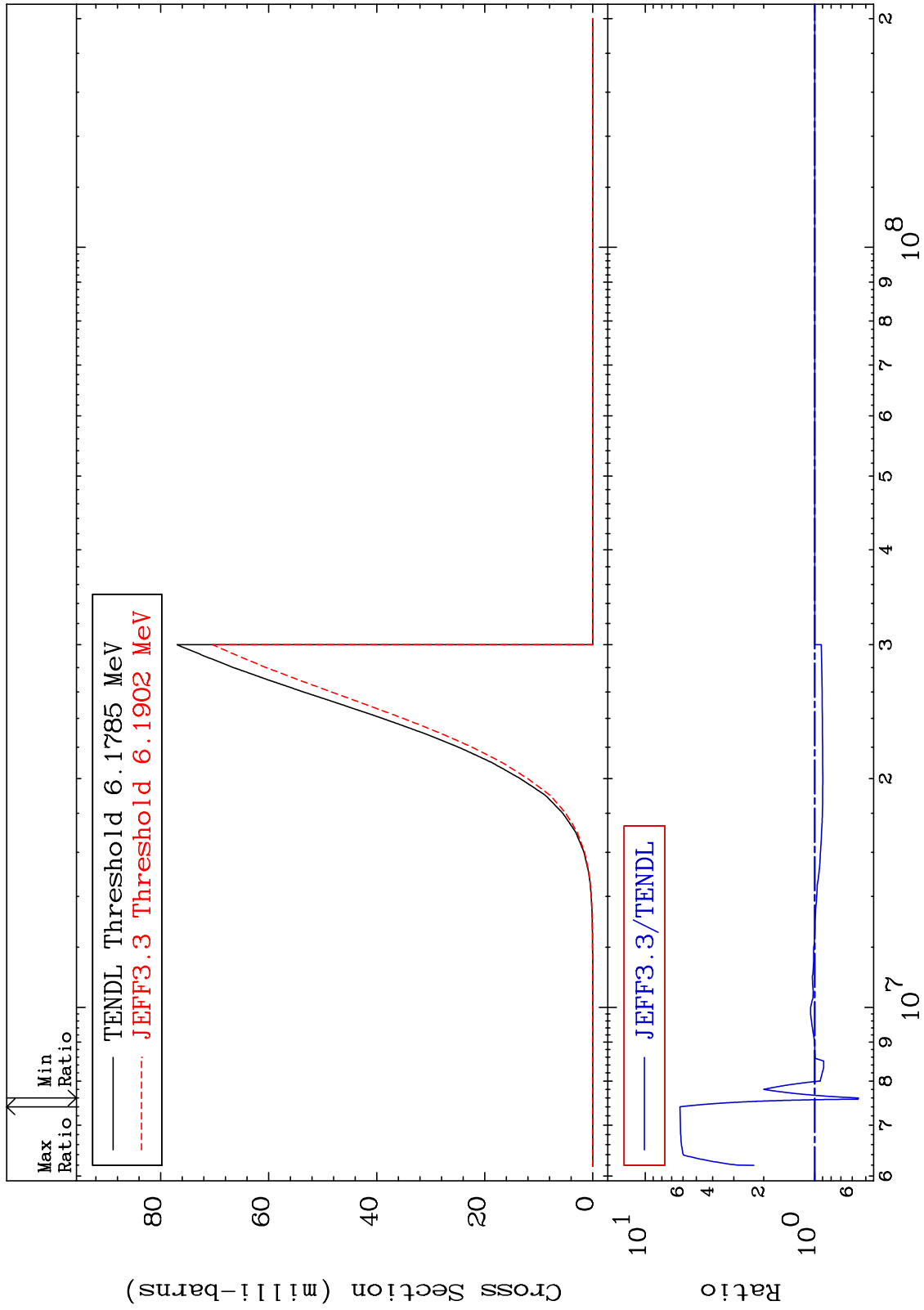
-99.77 To 9999. %



MAT 7825

(n,n') p  
Cross Section

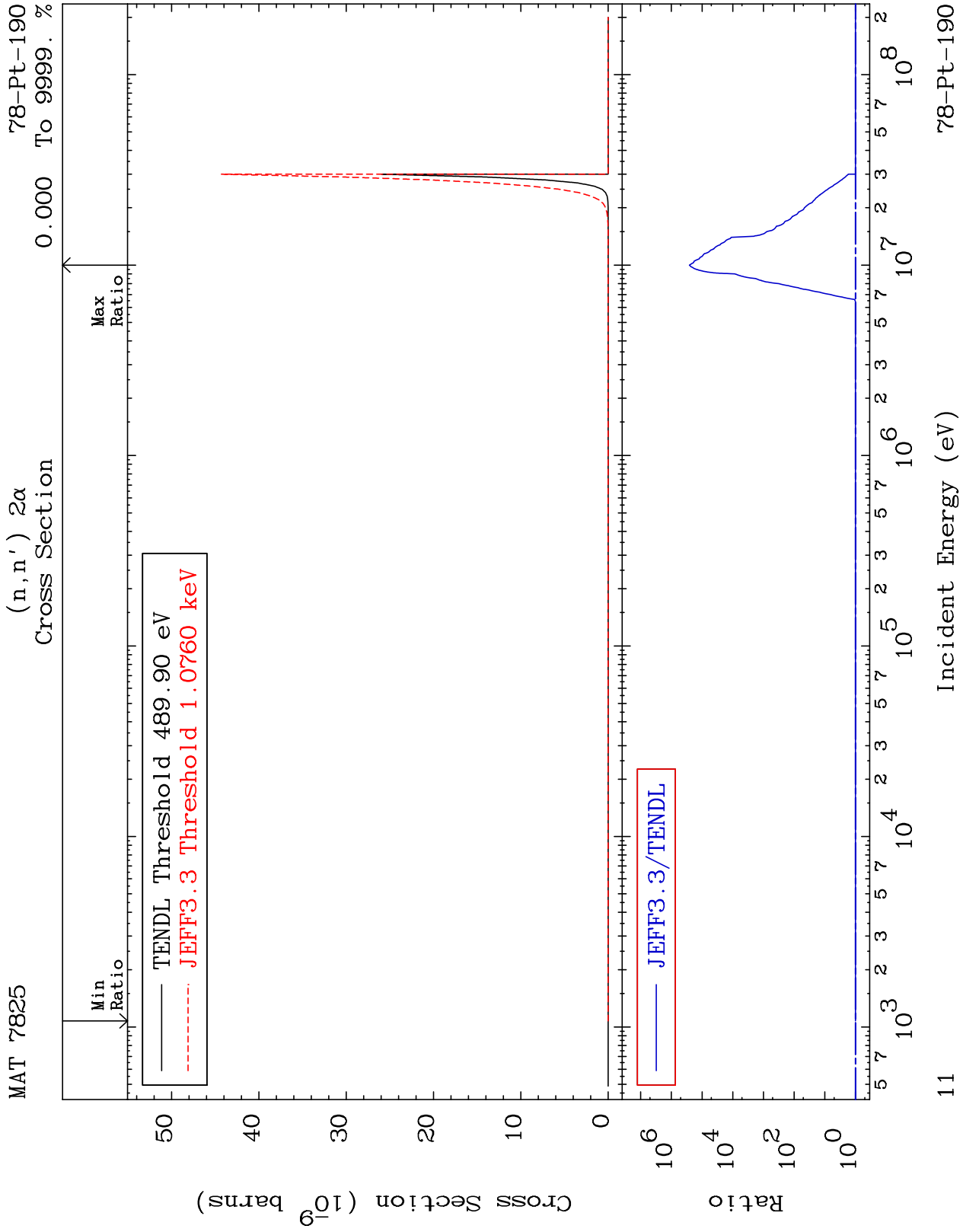
78-Pt-190  
-44.75 To 524.2 %



10

78-Pt-190

78-Pt-190



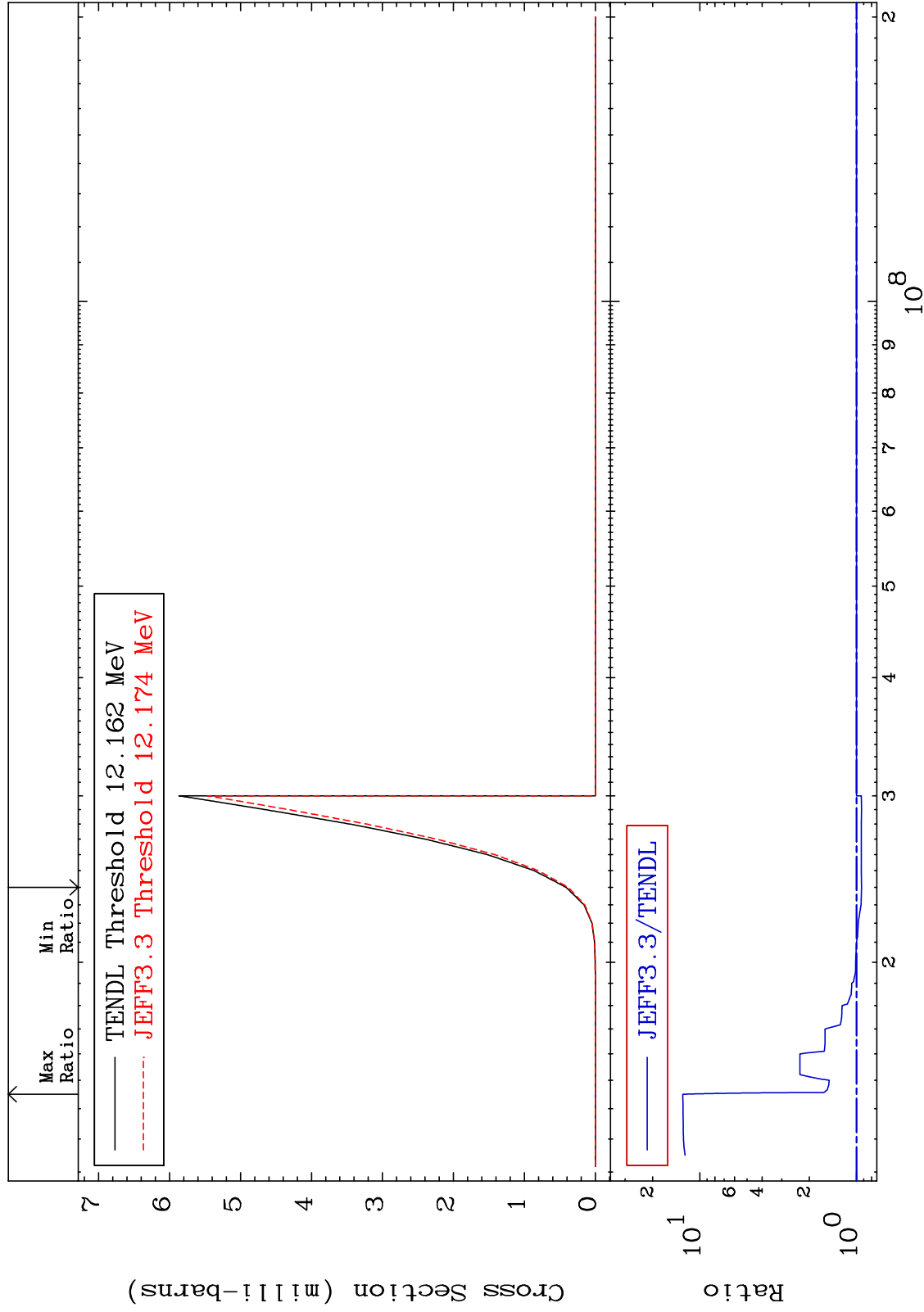
MAT 7825

(n,n') d

78-Pt-190

Cross Section

-7.193 To 1183. %



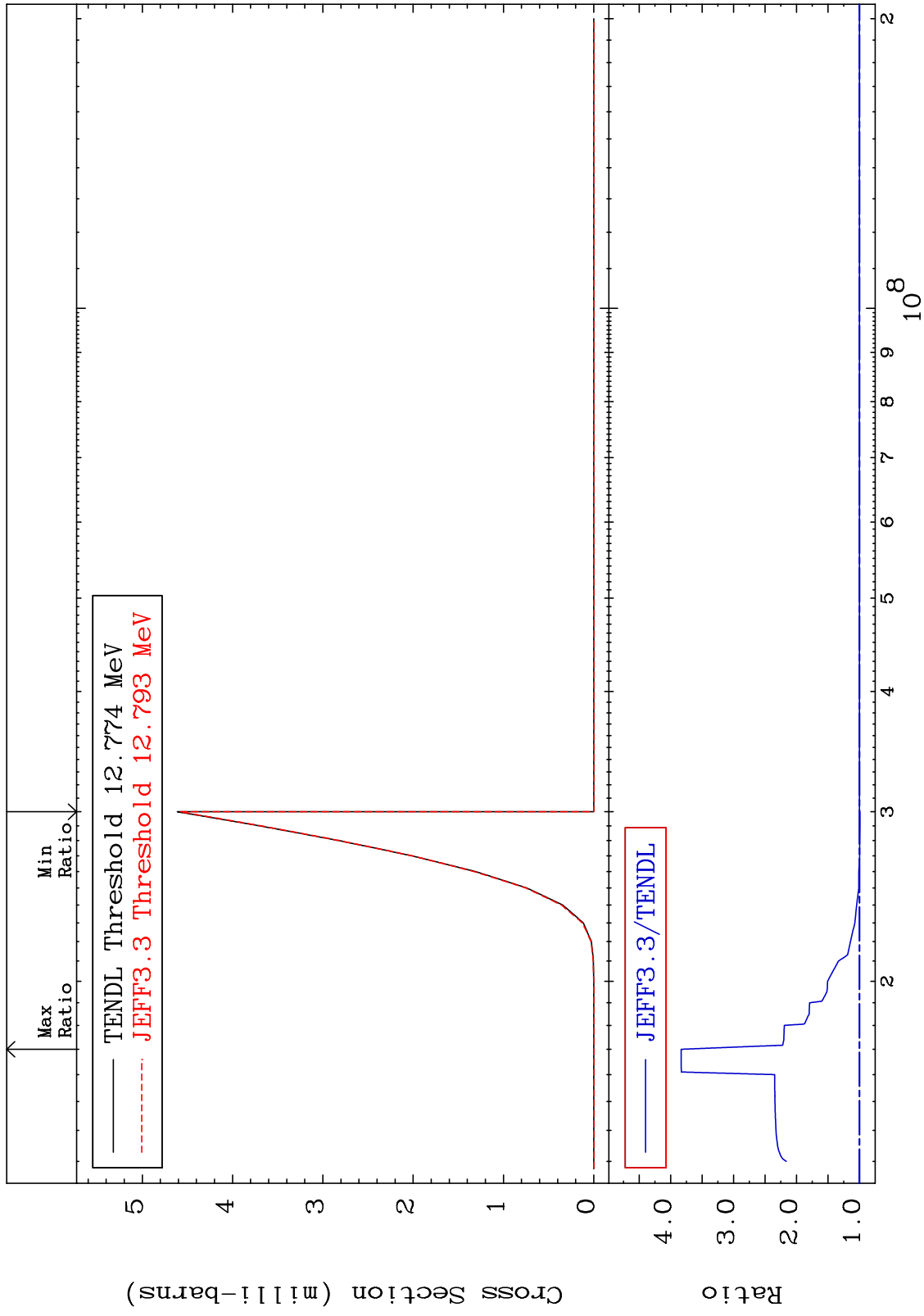
MAT 7825

(n, n') t

78-Pt-190

Cross Section

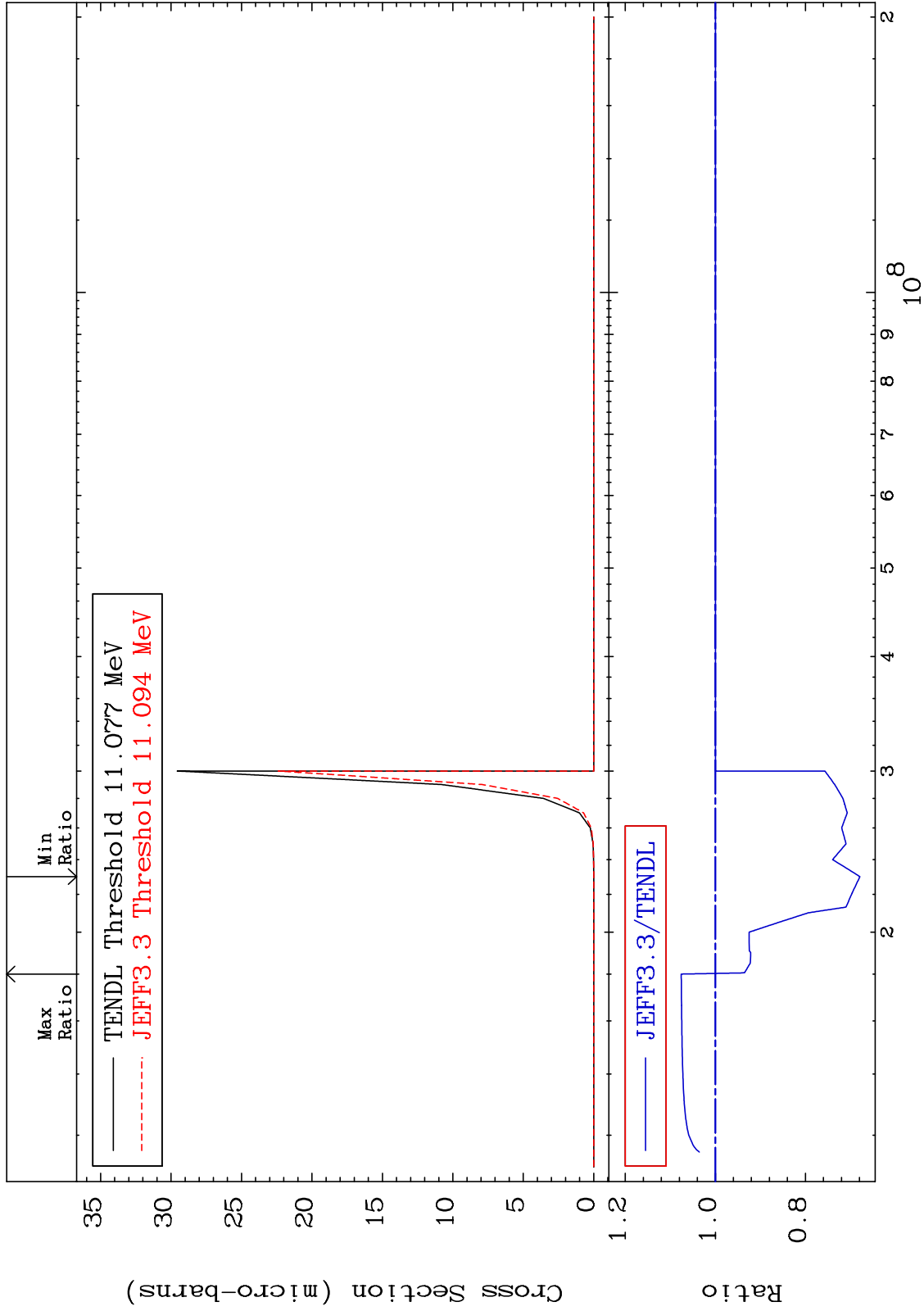
-0.596 To 283.3 %



MAT 7825

(n,n') He-3  
Cross Section

78-Pt-190  
-32.10 To 7.583 %



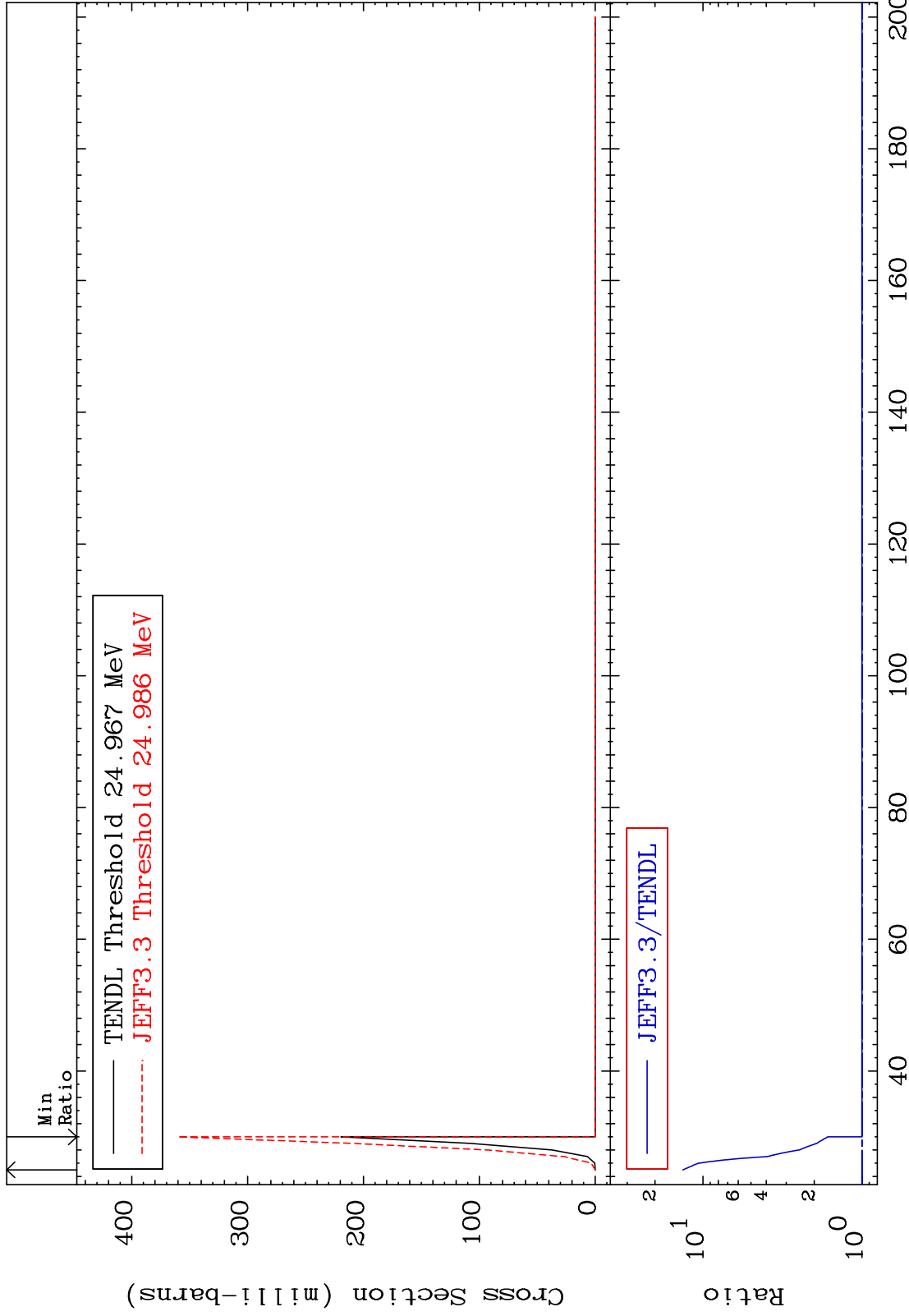
MAT 7825

(n, 4n)

<sup>78</sup>Pt-190

Cross Section

0.000 To 1238. %

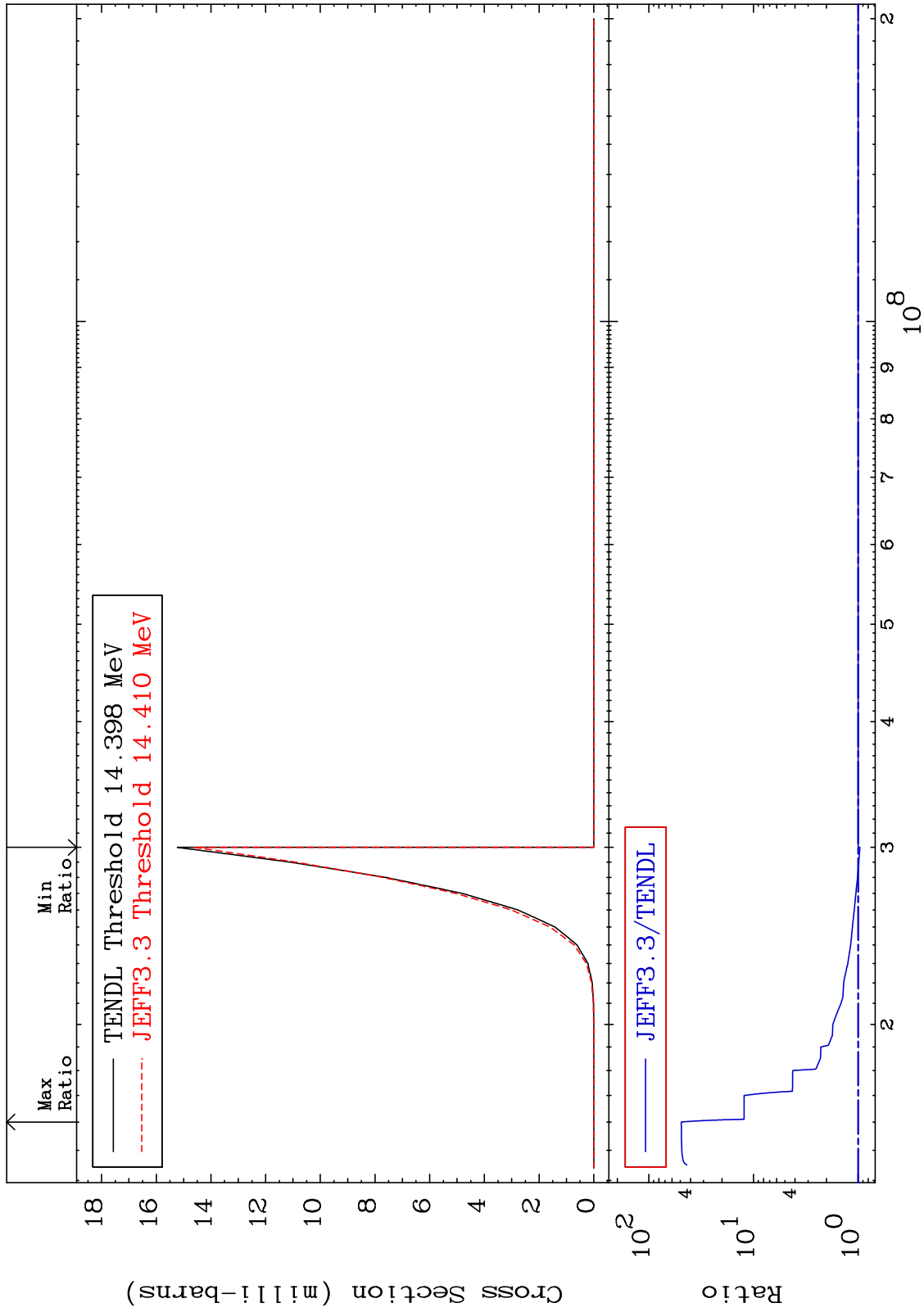




MAT 7825

(n,2n) p  
Cross Section

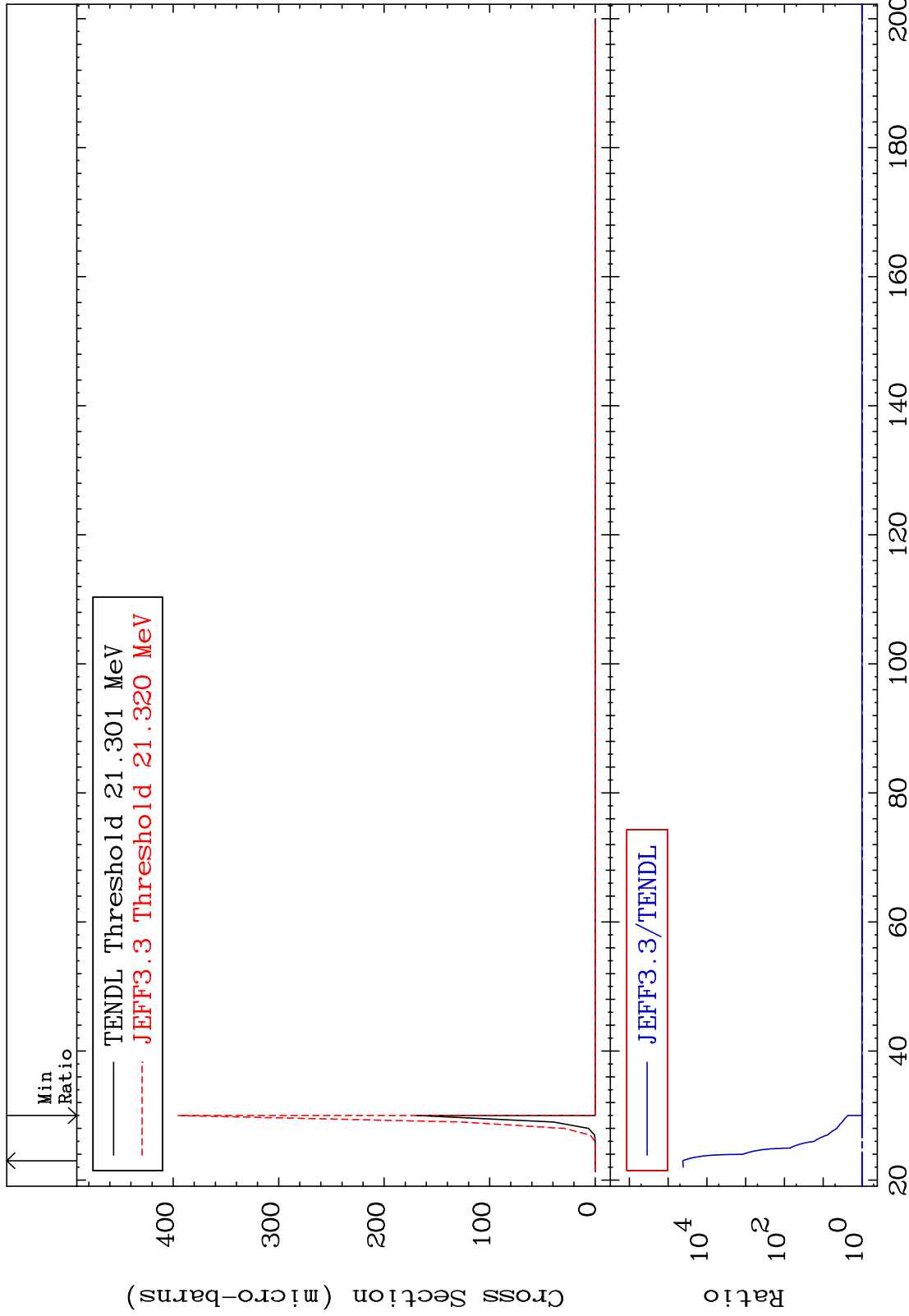
78-Pt-190  
-4.050 To 4802. %



MAT 7825

(n,3n) p  
Cross Section

78-Pt-190  
0.000 To 9999. %



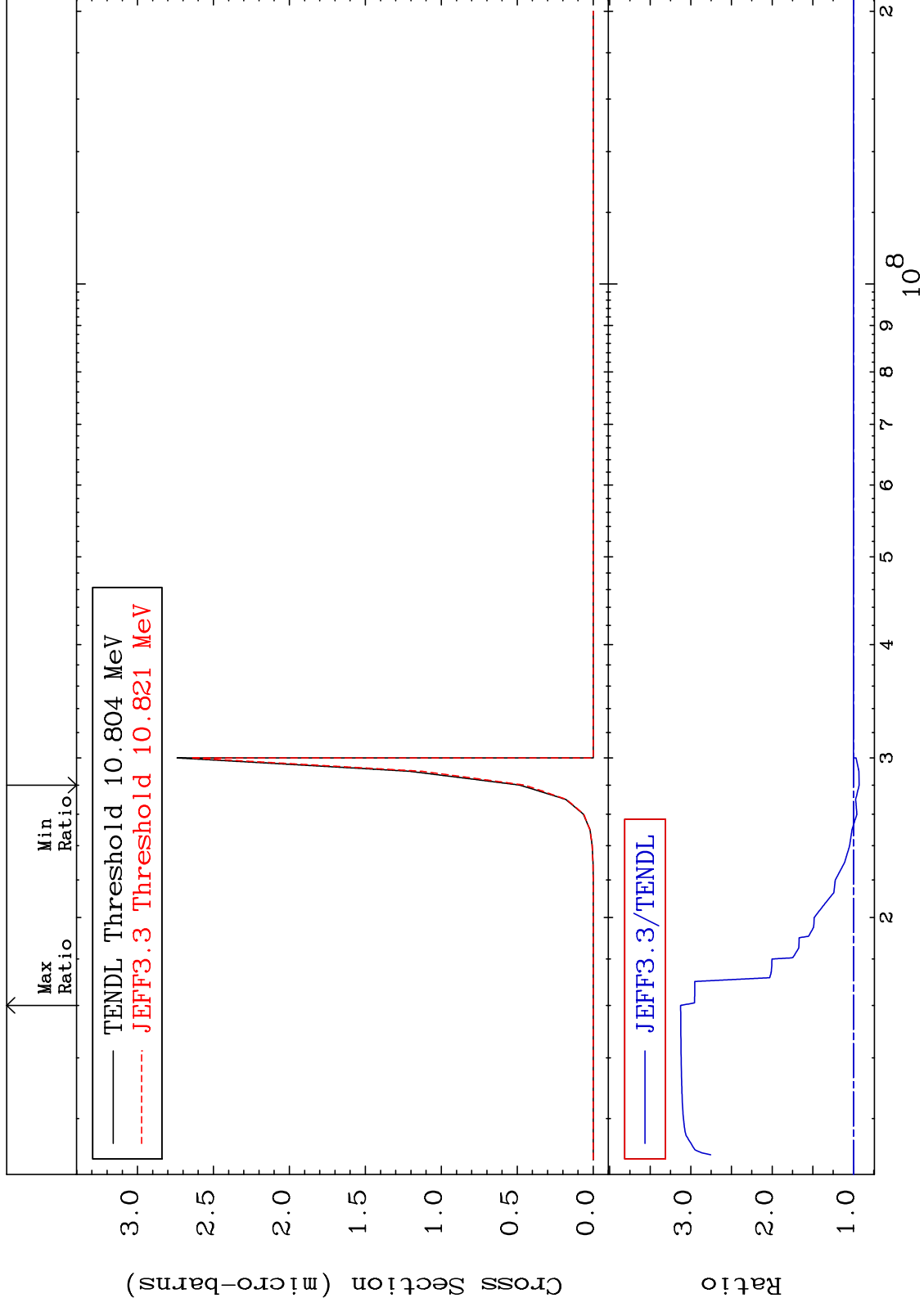
MAT 7825

(n,2n) p

78-Pt-190

Cross Section

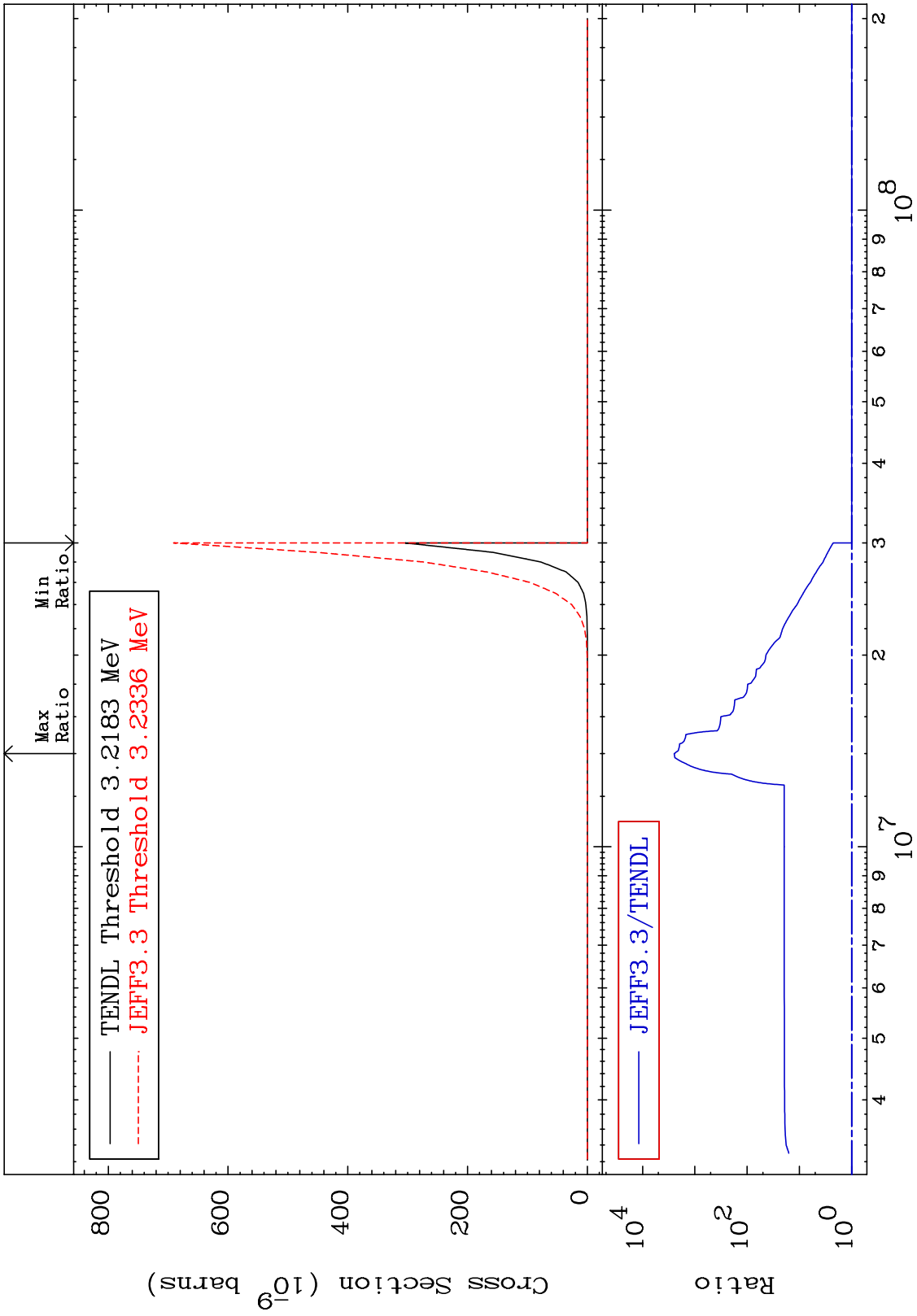
-6.987 To 212.5 %



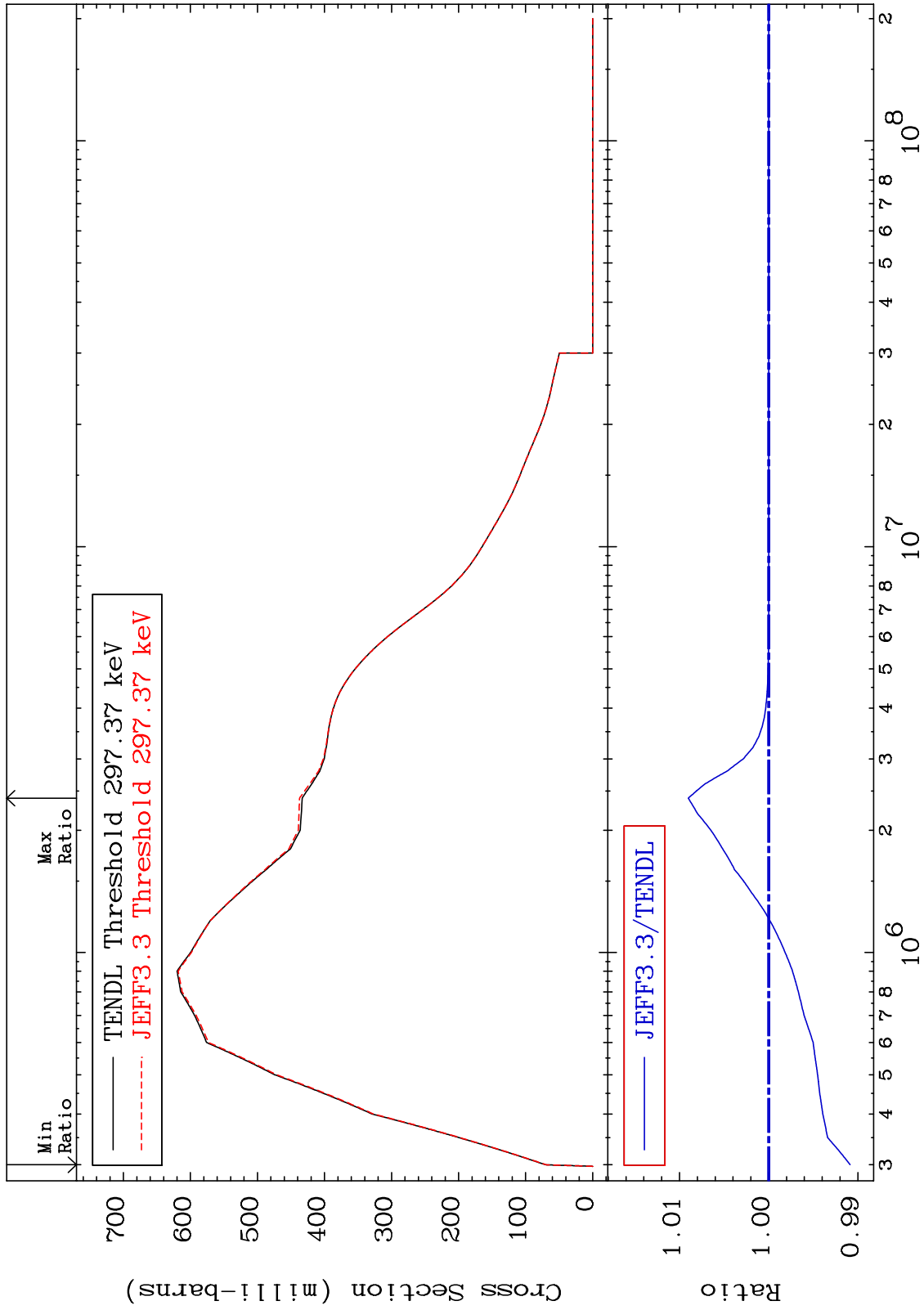
MAT 7825

(n, n') p  $\alpha$   
Cross Section

78-Pt-190  
0.000 To 9999. %



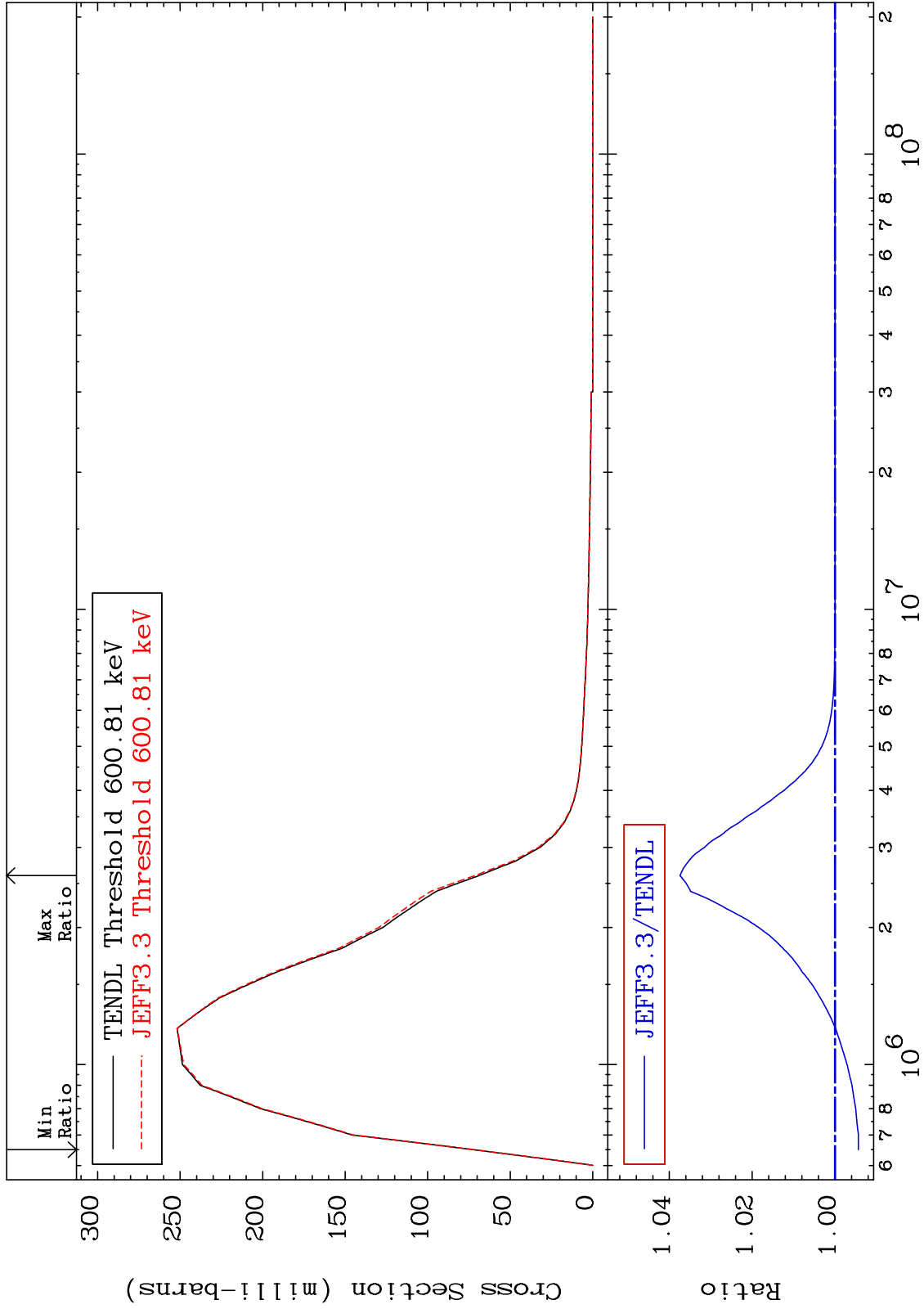
MAT 7825 MT= 51 (n,n') Level Cross Section 78-Pt-190 -0.913 To 0.901 %



MAT 7825

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

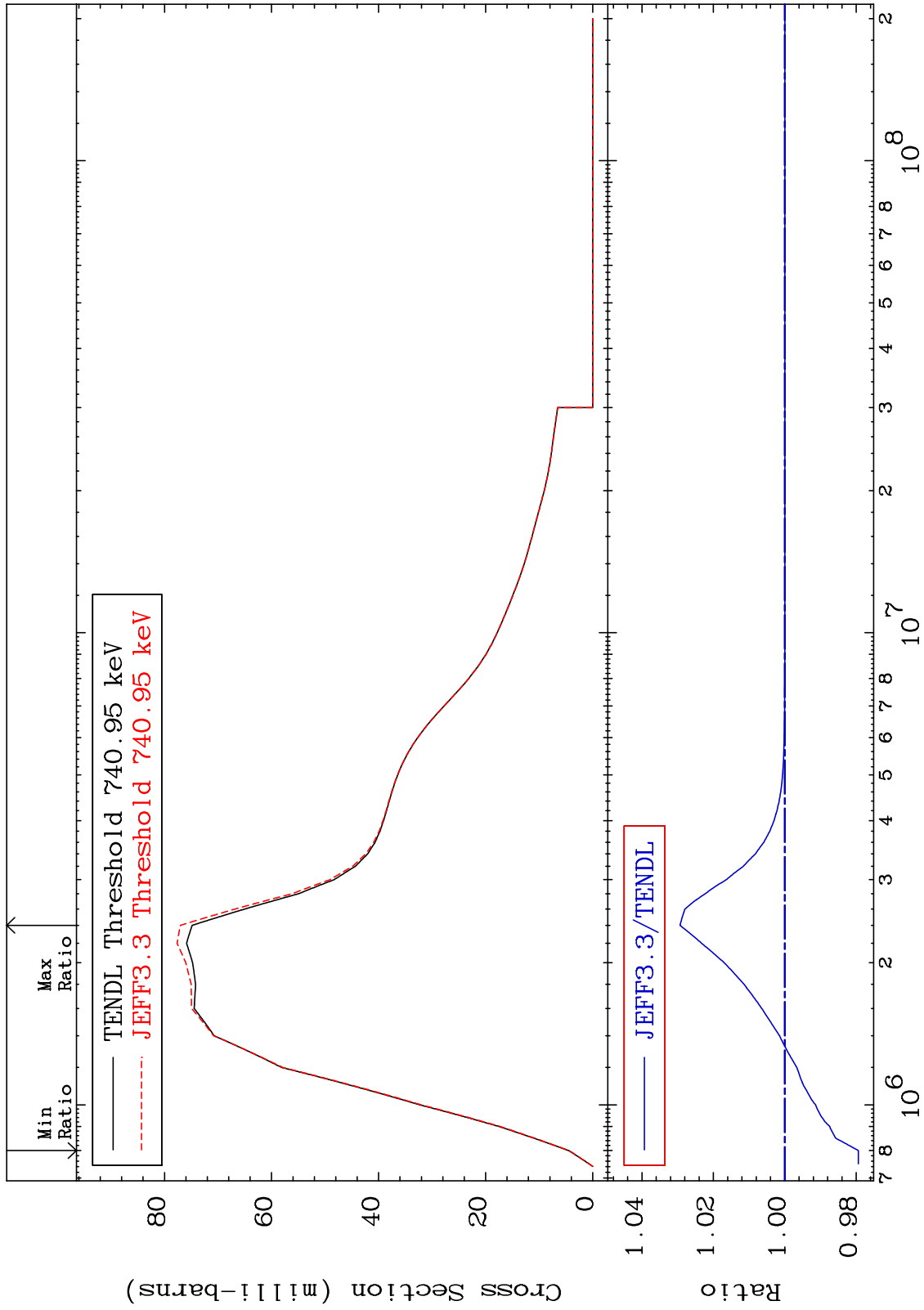
78-Pt-190  
-0.566 To 3.743 %



MAT 7825

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

78-Pt-190  
-2.061 To 2.934 %



22

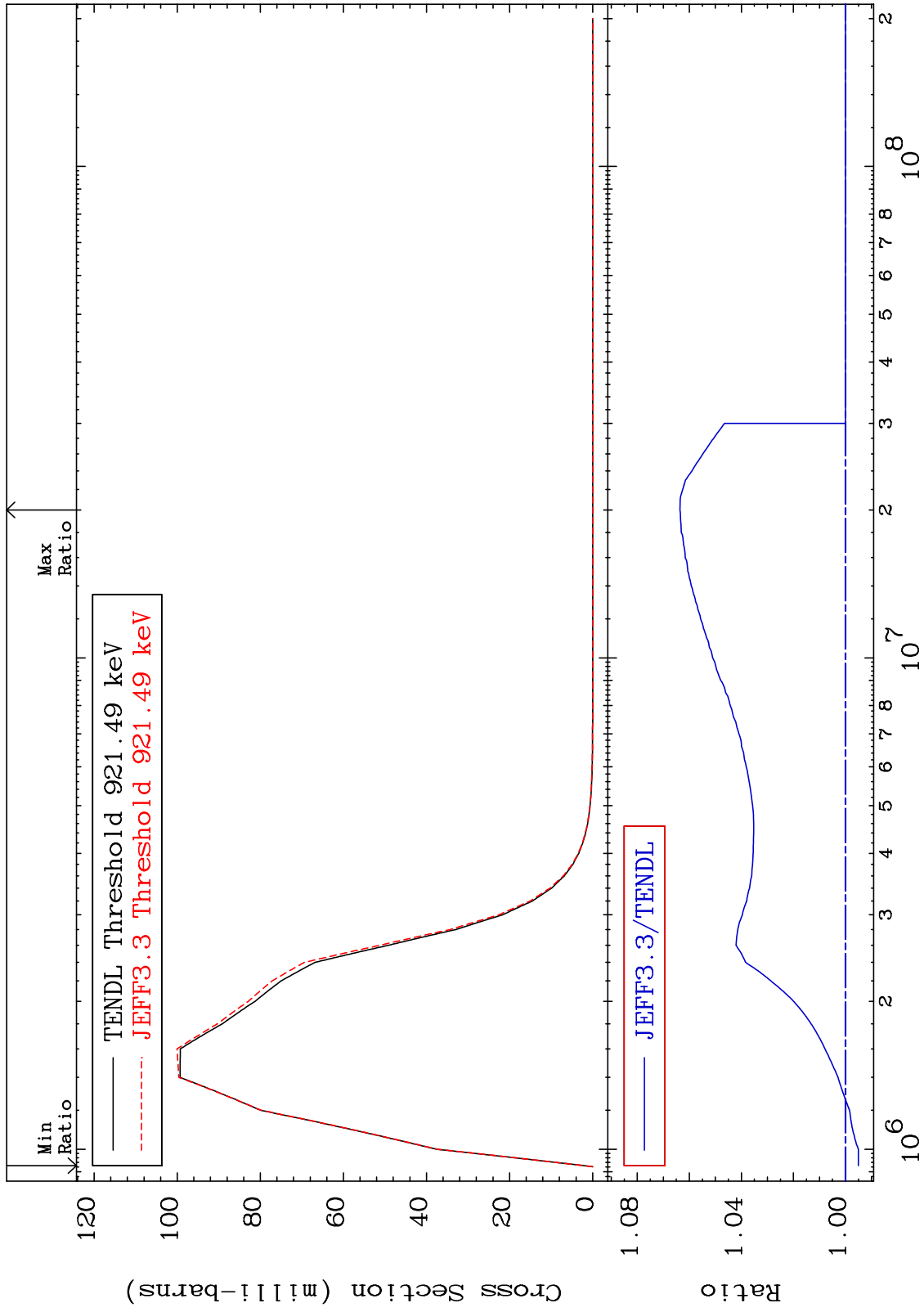
Incident Energy (eV)

78-Pt-190

MAT 7825

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

78-Pt-190  
-0.497 To 6.358 %



Incident Energy (eV)

78-Pt-190

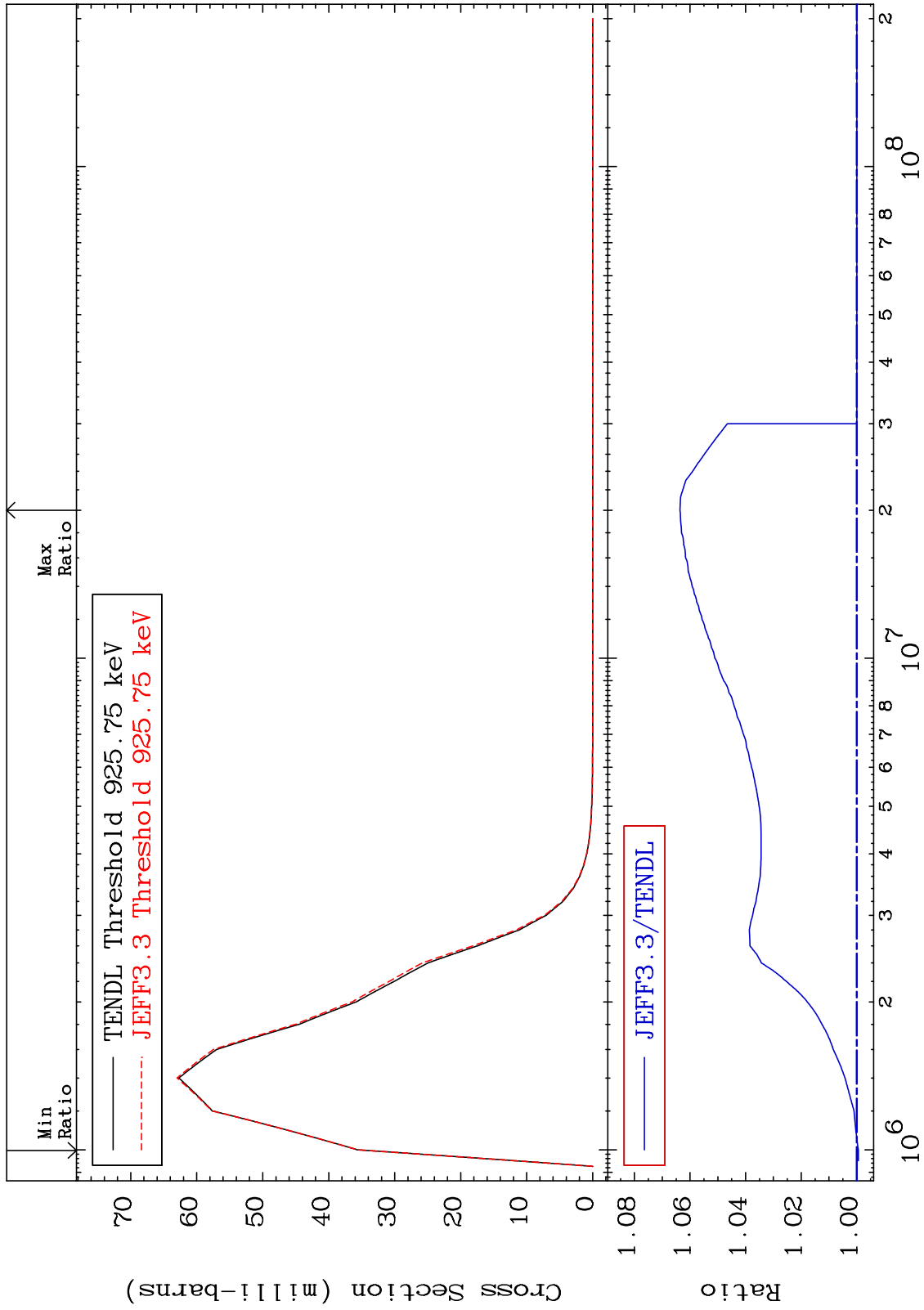
23



MAT 7825

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

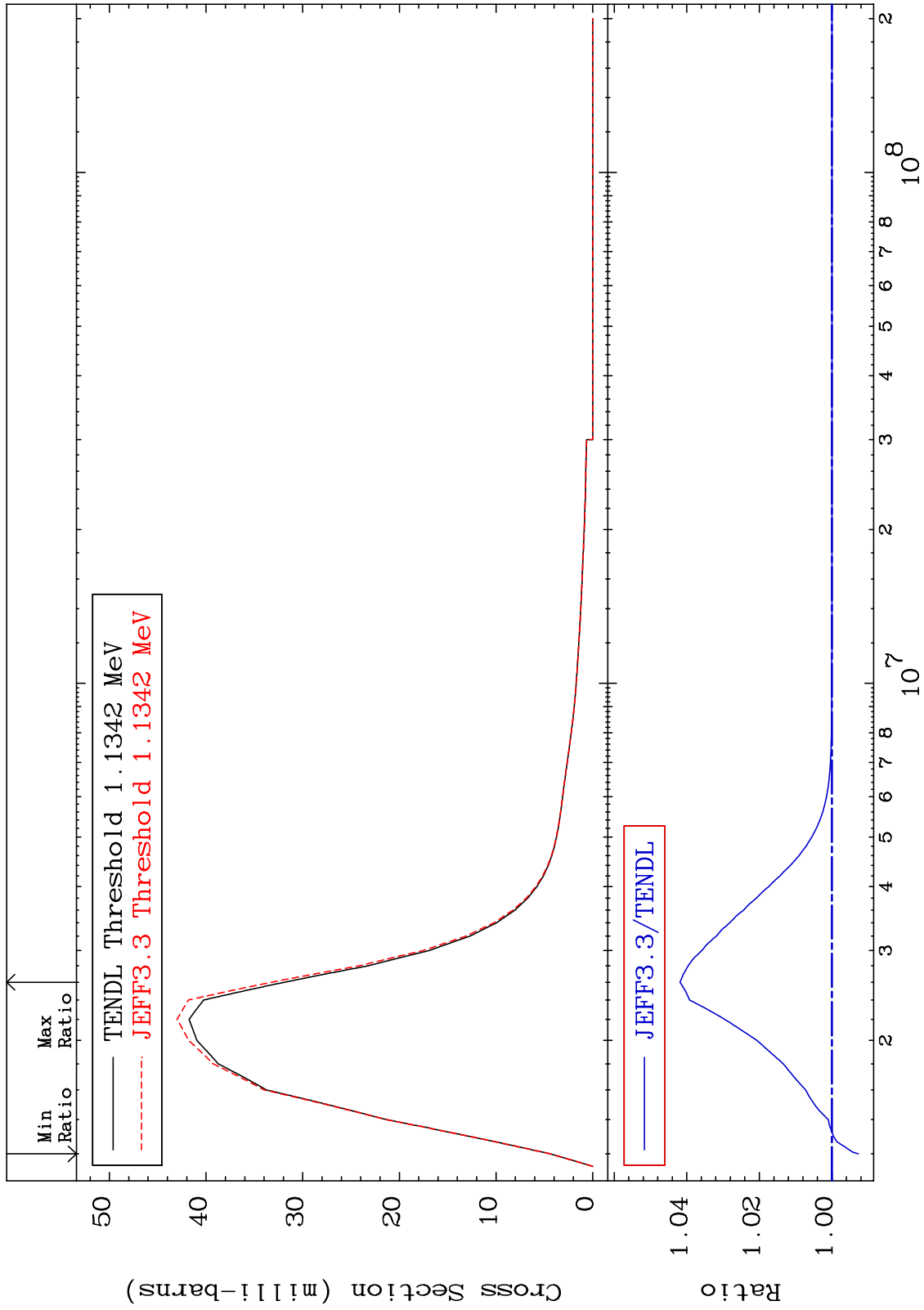
78-Pt-190  
-0.059 To 6.360 %



MAT 7825

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

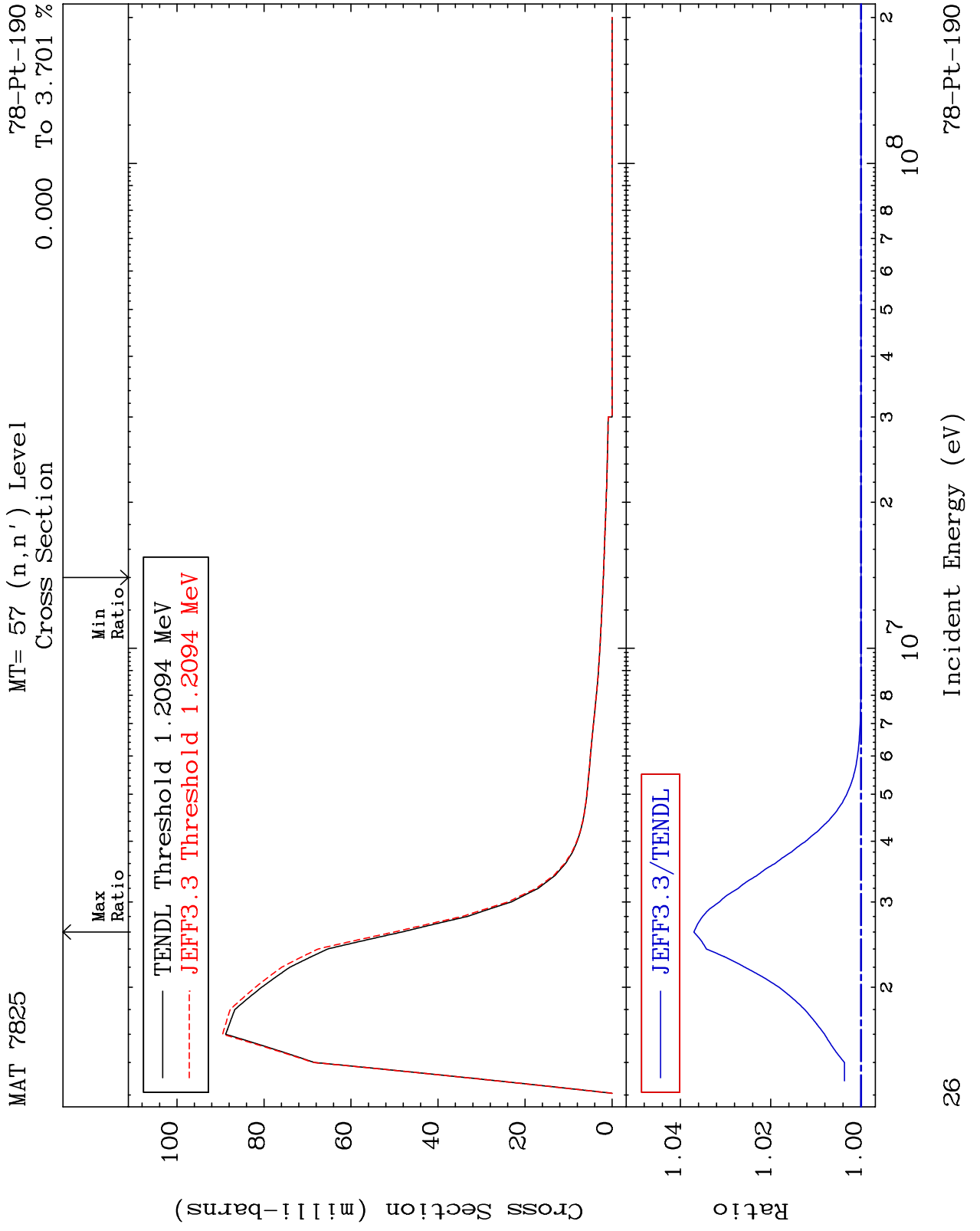
78-Pt-190  
-0.731 To 4.187 %



25

Incident Energy (eV)

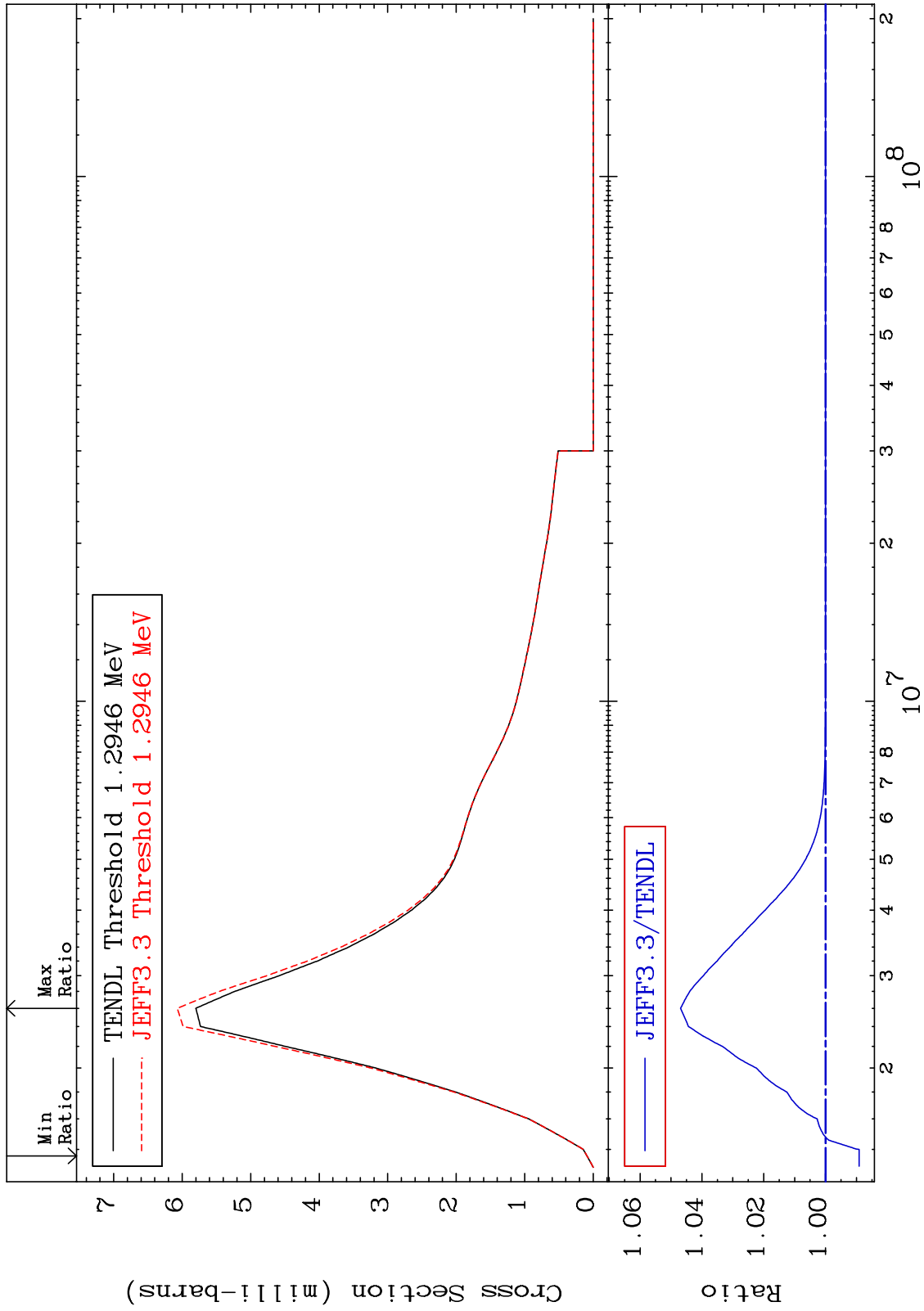
78-Pt-190

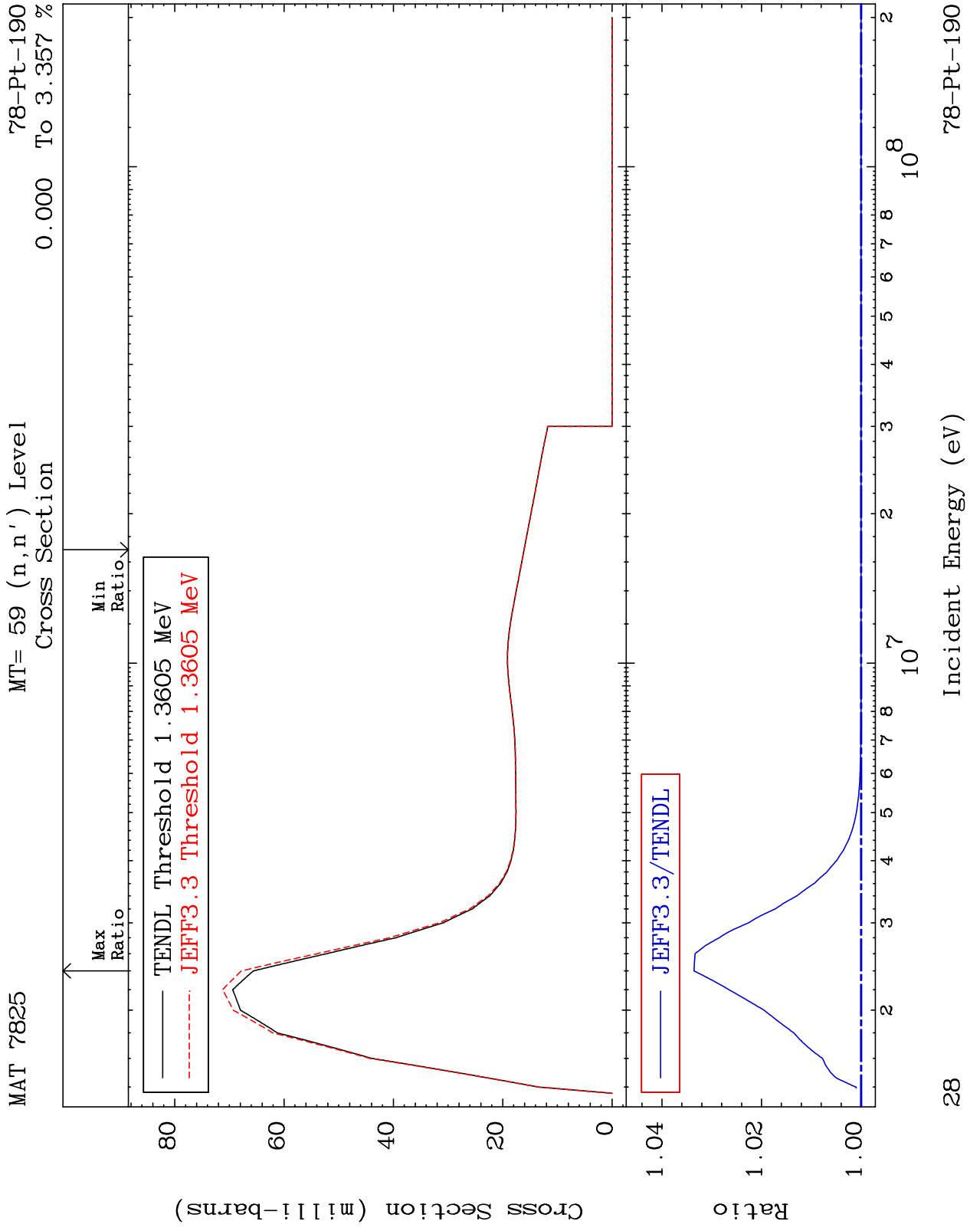


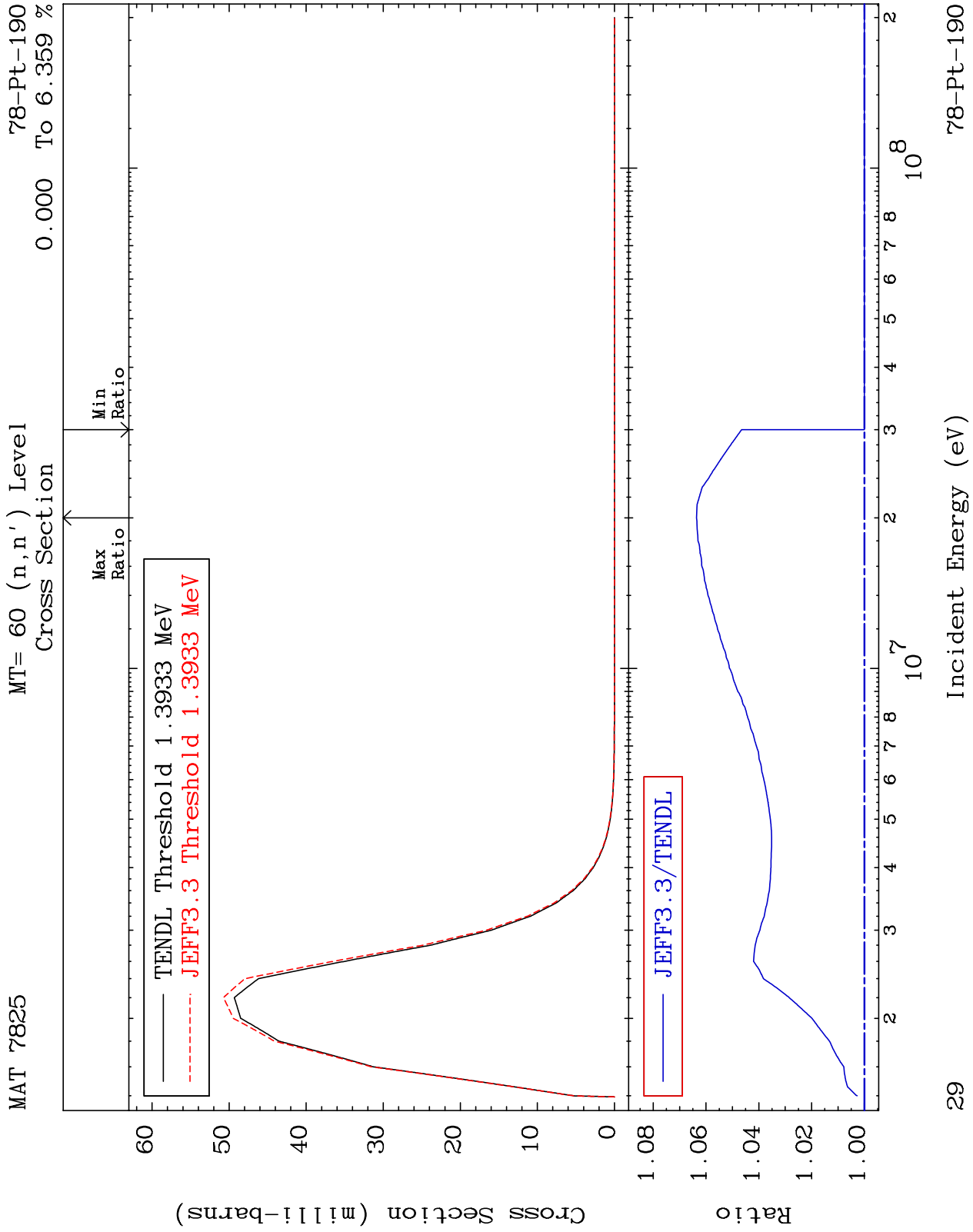
MAT 7825

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

78-Pt-190  
-1.087 To 4.688 %



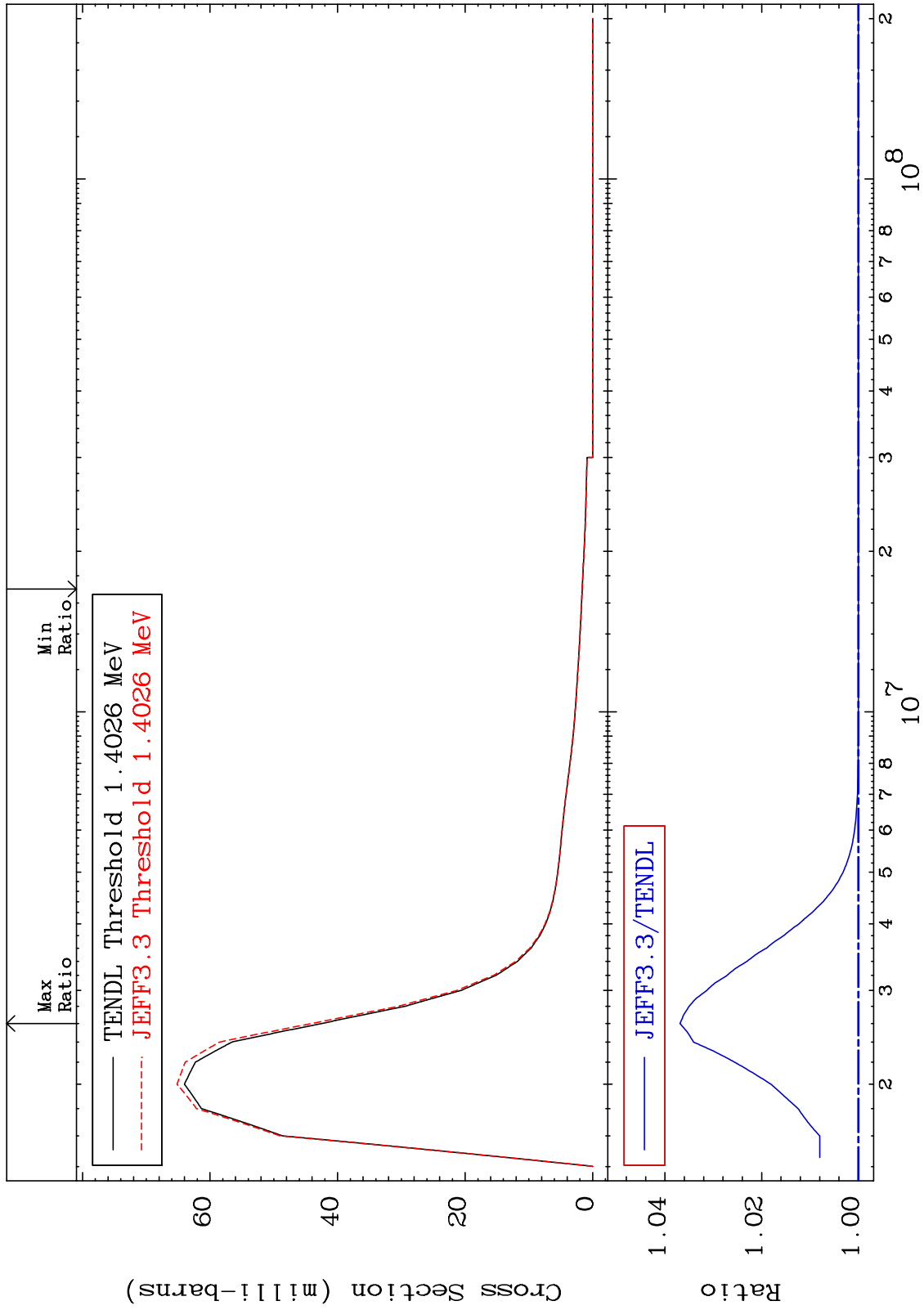




MAT 7825

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

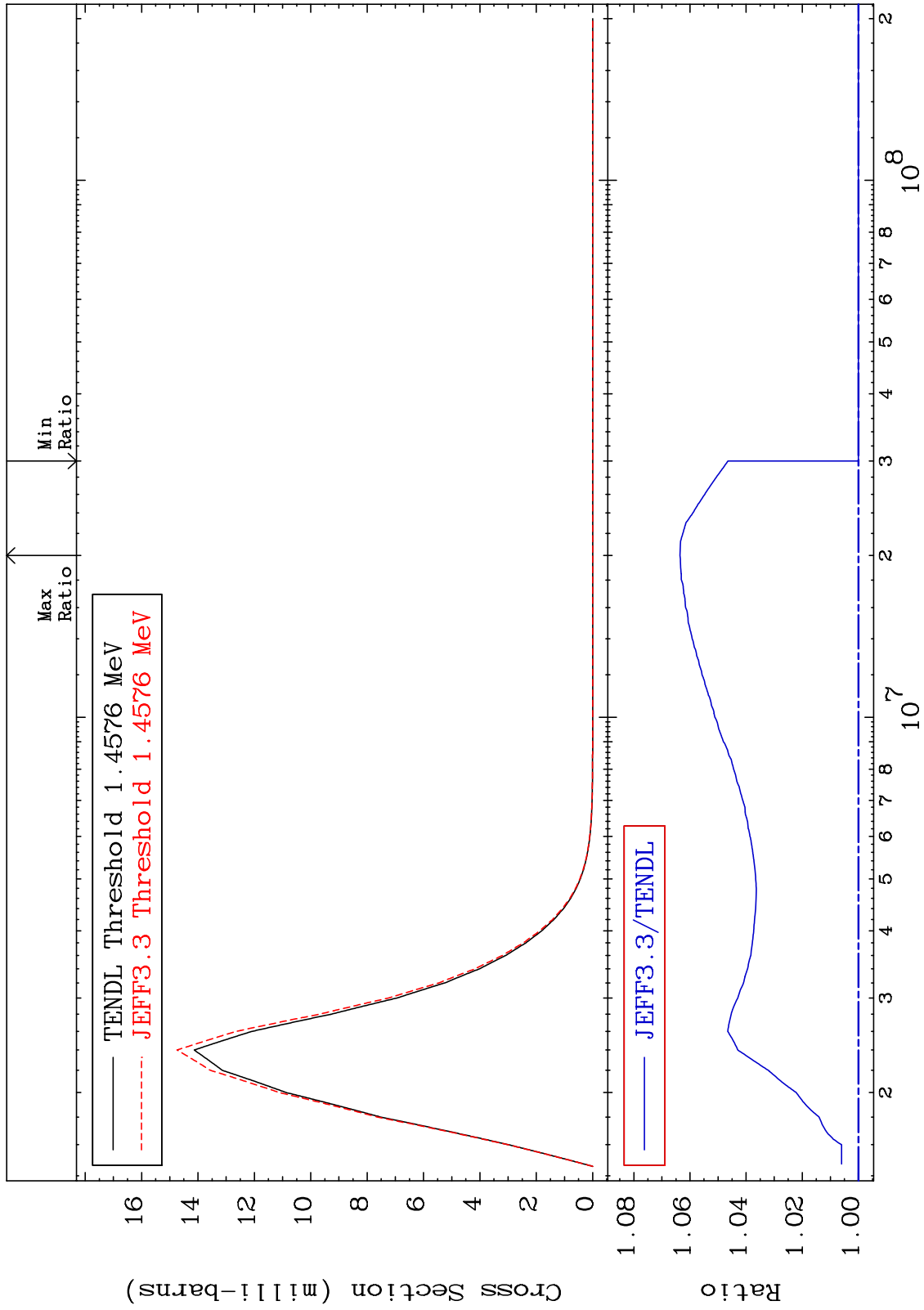
78-Pt-190  
0.000 To 3.689 %



30

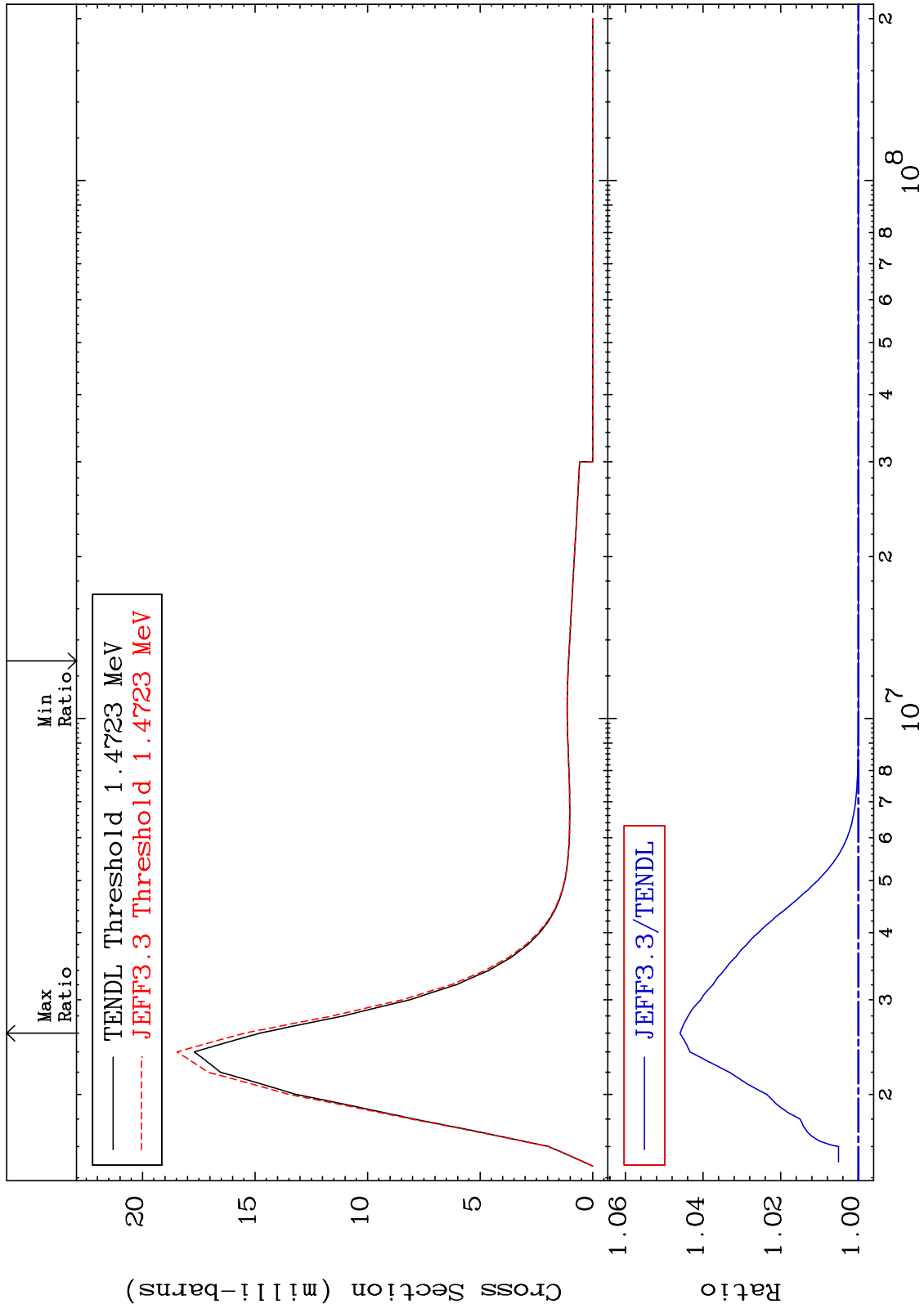
78-Pt-190

MAT 7825 MT= 62 (n, n') Level Cross Section 78-Pt-190 To 6.355 %  
 0.000





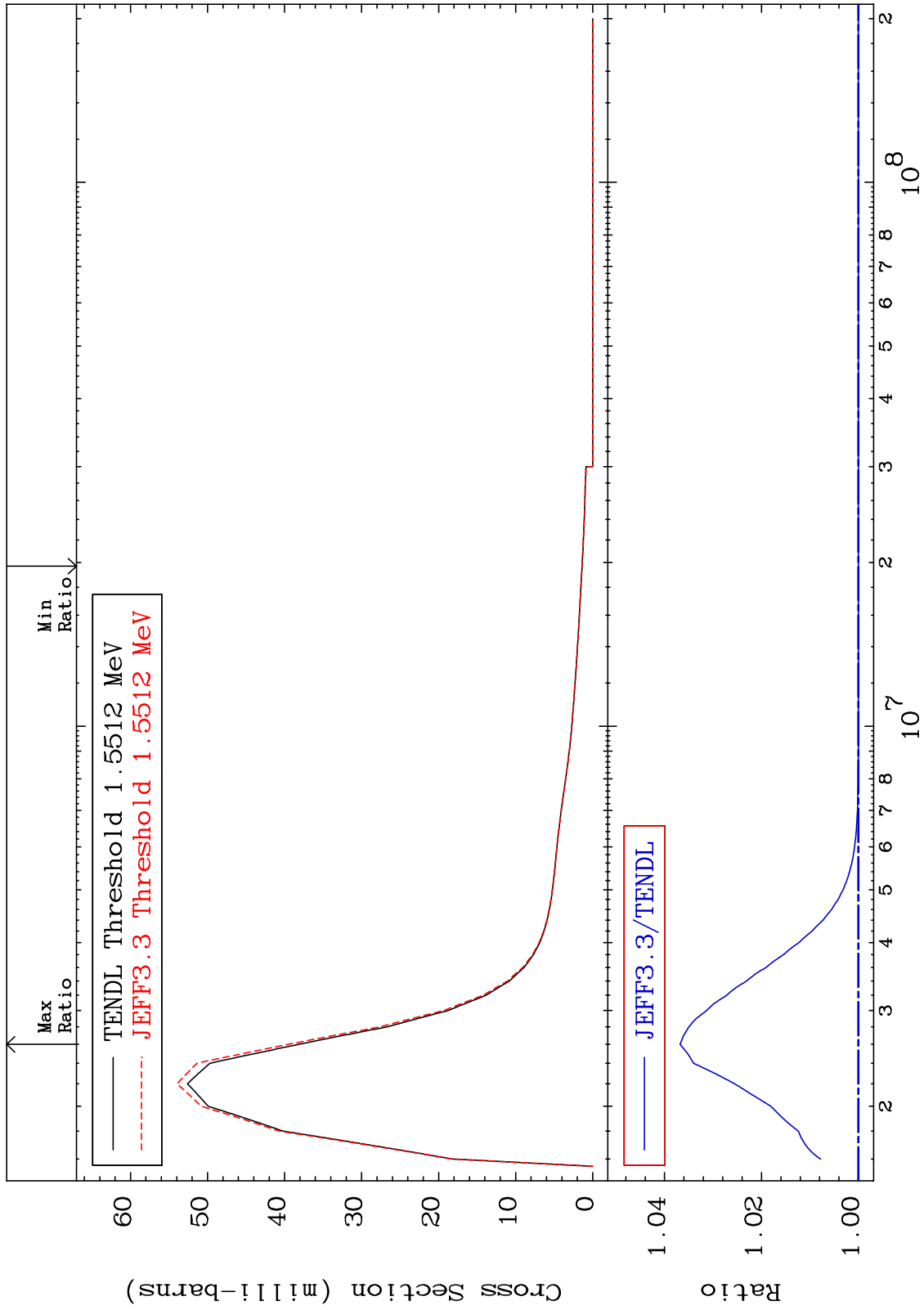
MAT 7825 MT= 63 (n, n') Level Cross Section 78-Pt-190 To 4.595 %  
 0.000

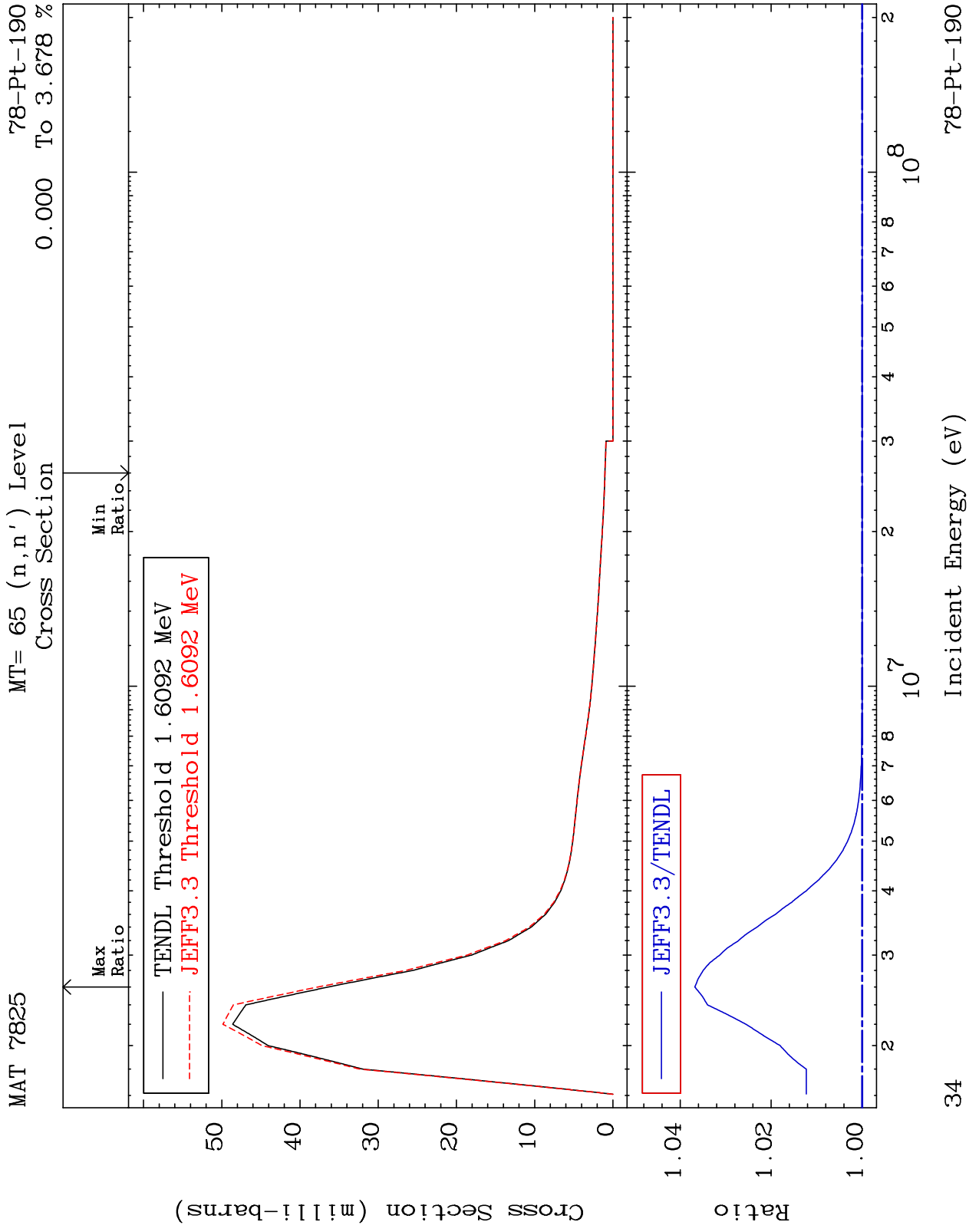


MAT 7825

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

78-Pt-190  
0.000 To 3.681 %

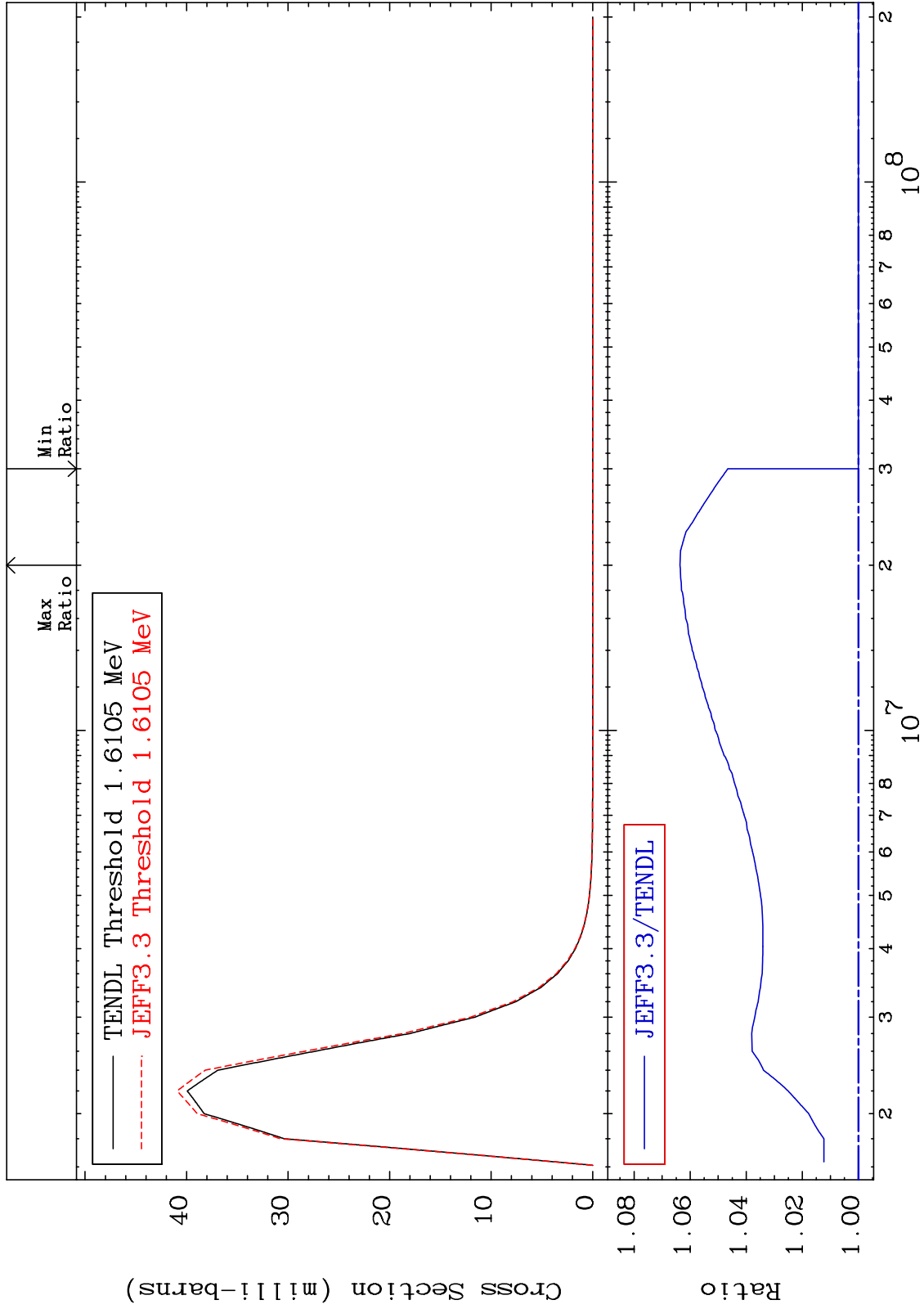




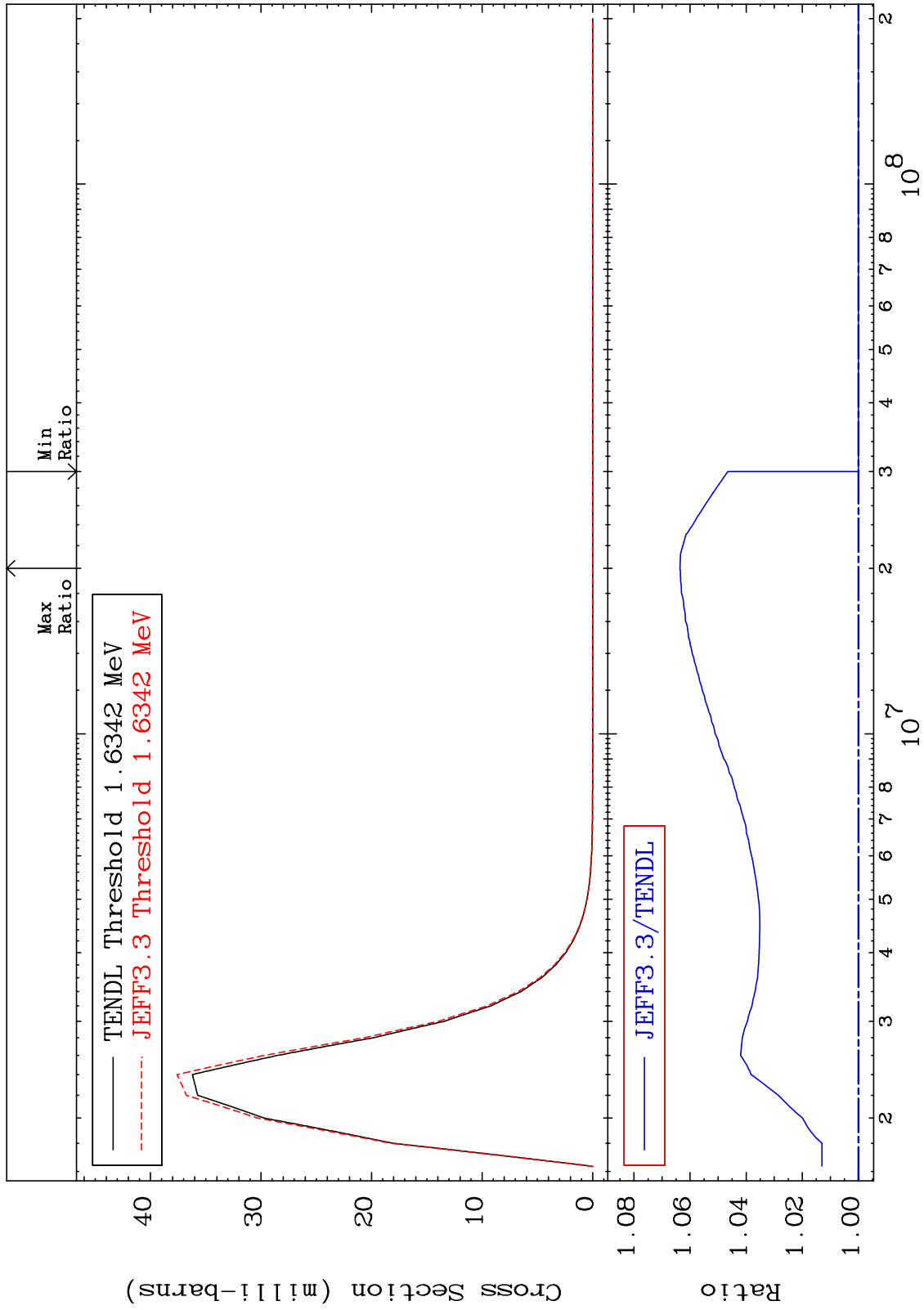
MAT 7825

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

78-Pt-190  
0.000 To 6.362 %



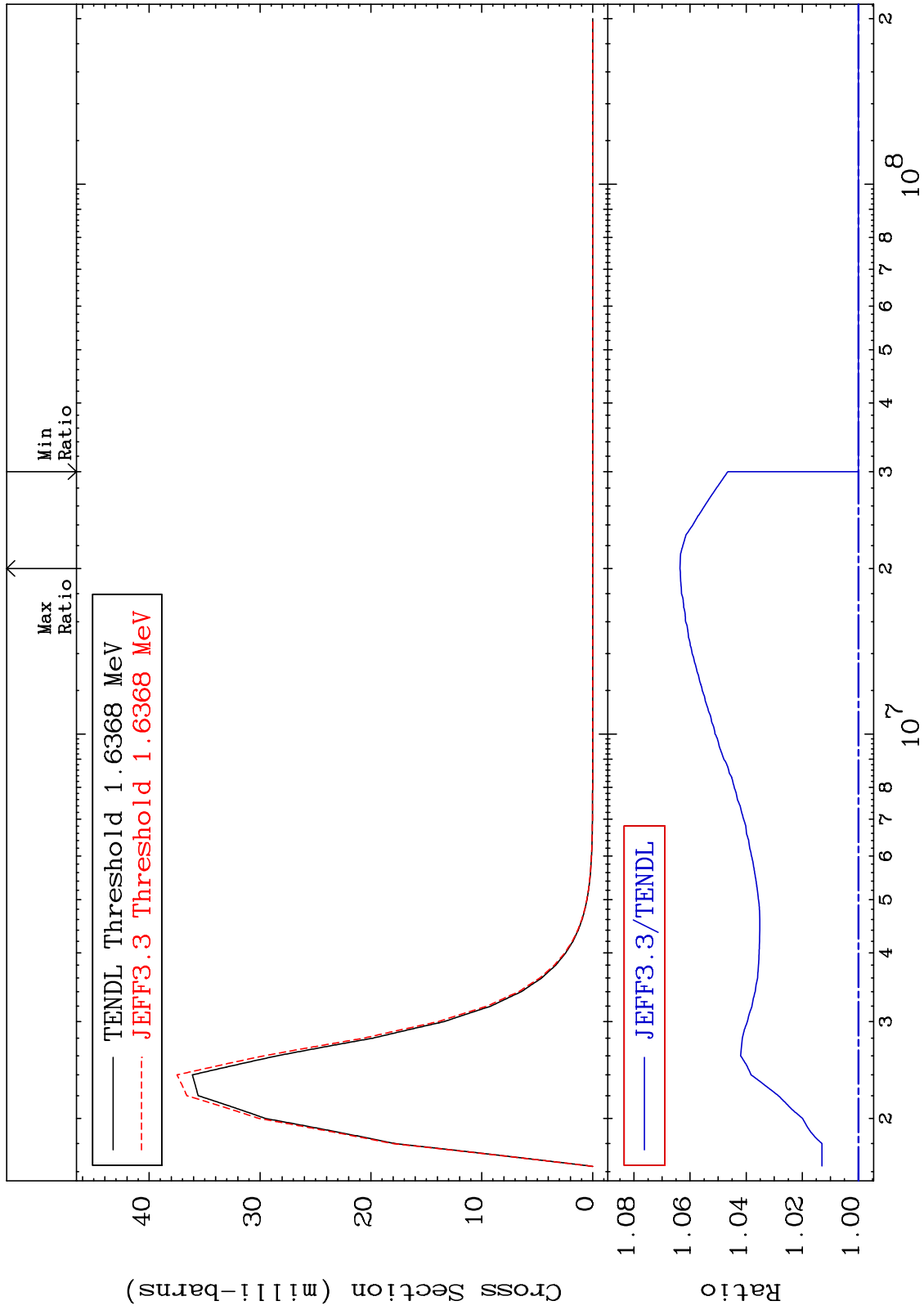
MAT 7825 MT= 67 (n,n') Level Cross Section 78-Pt-190 To 6.359 %

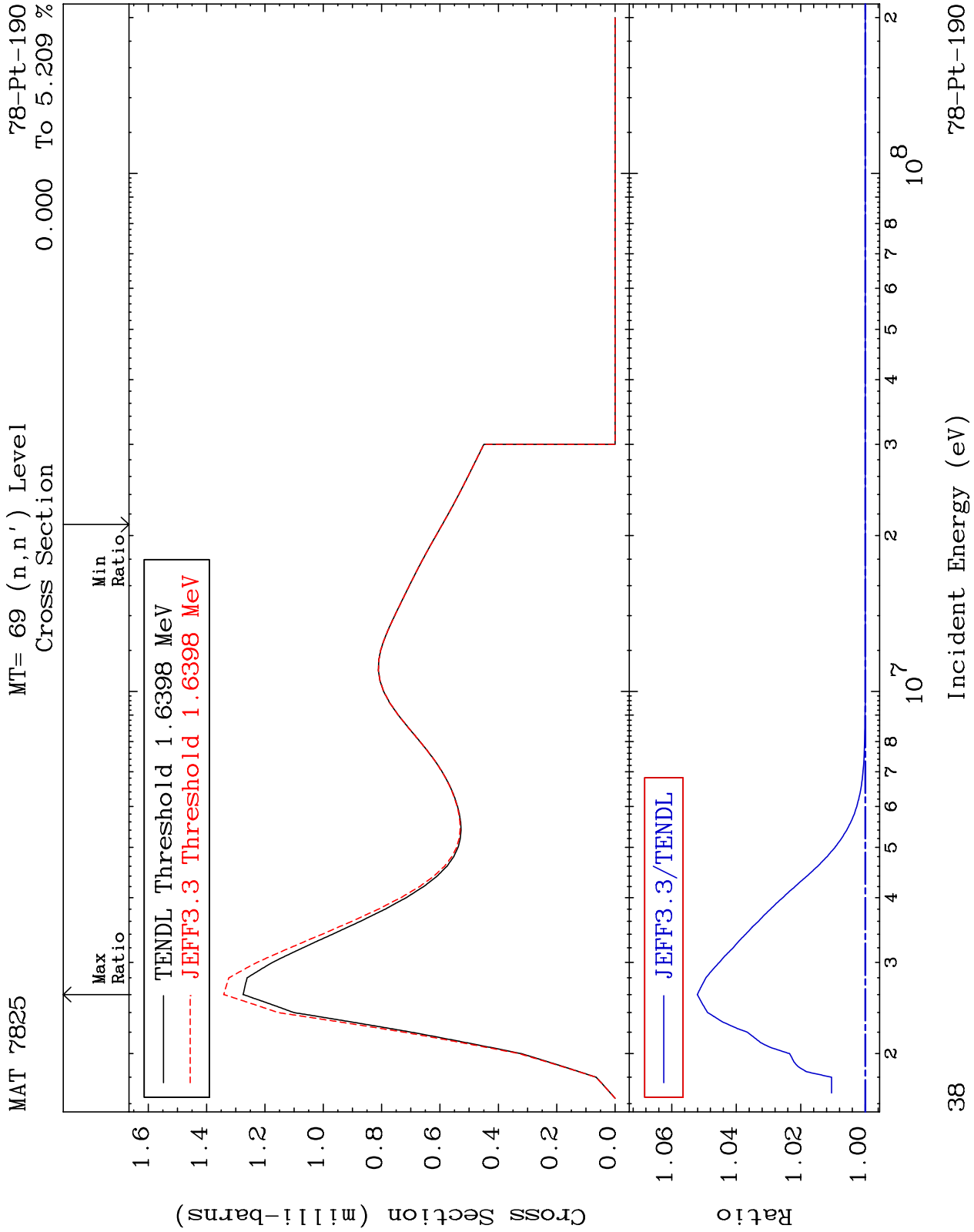


MAT 7825

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

78-Pt-190  
0.000 To 6.359 %

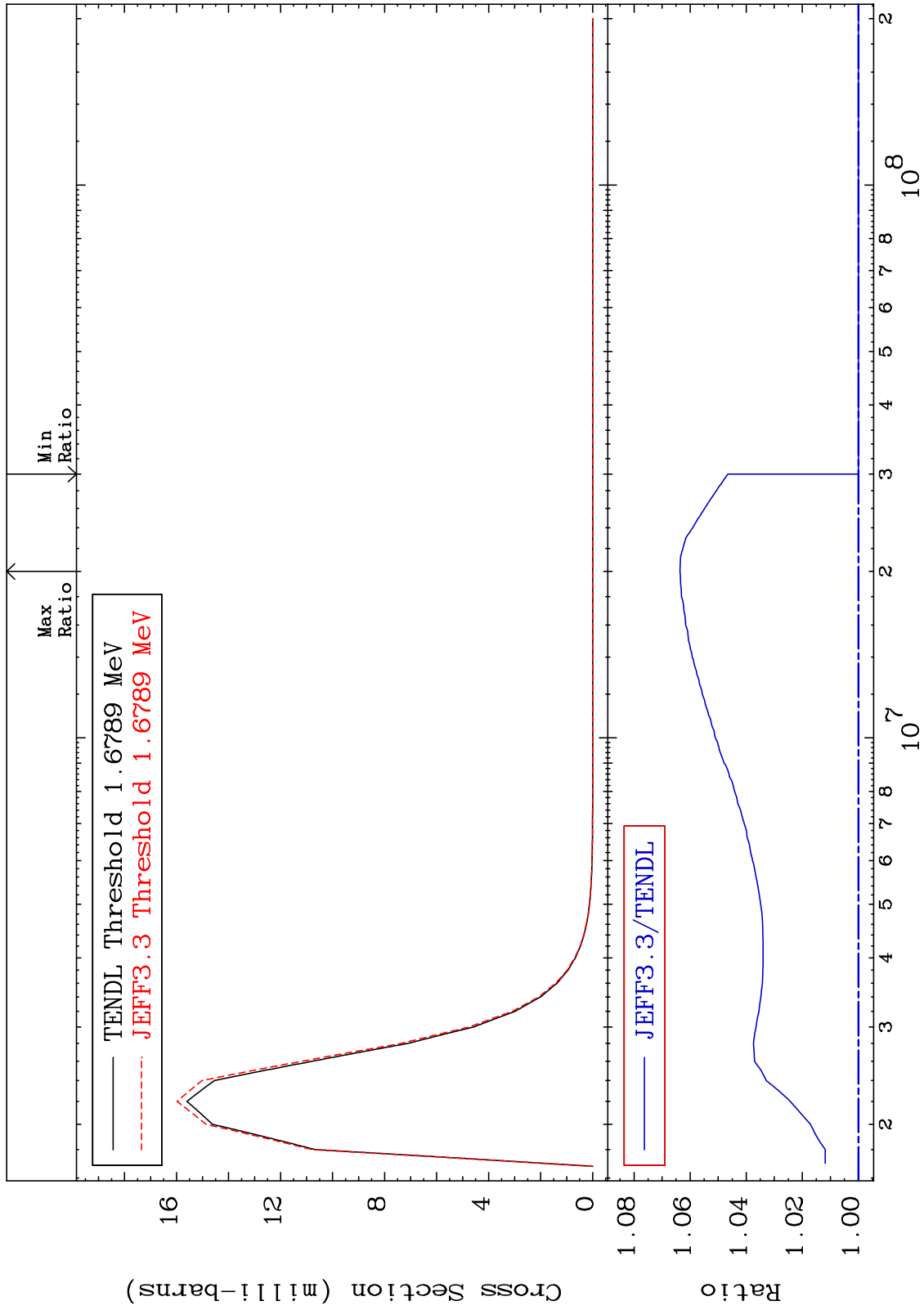




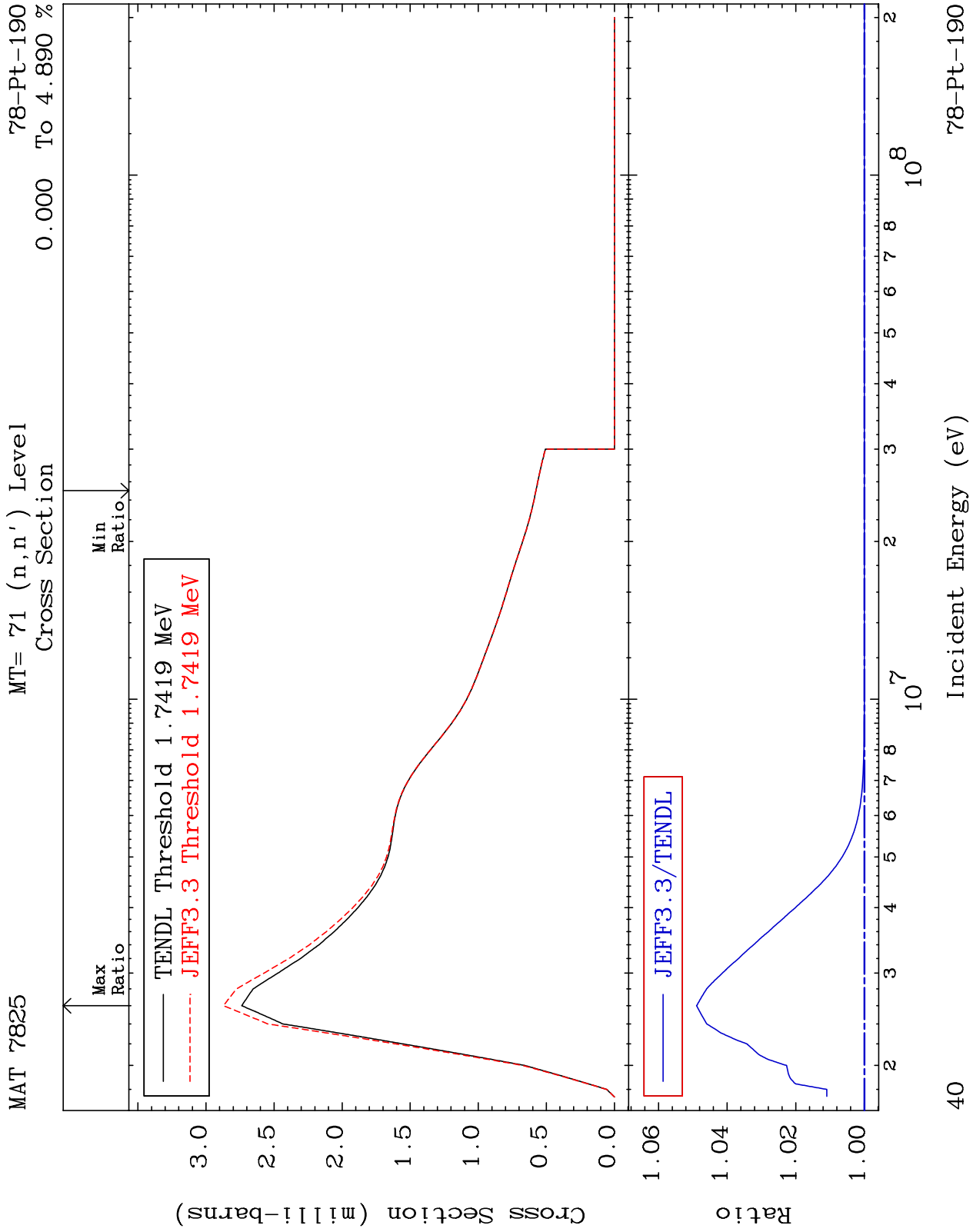
MAT 7825

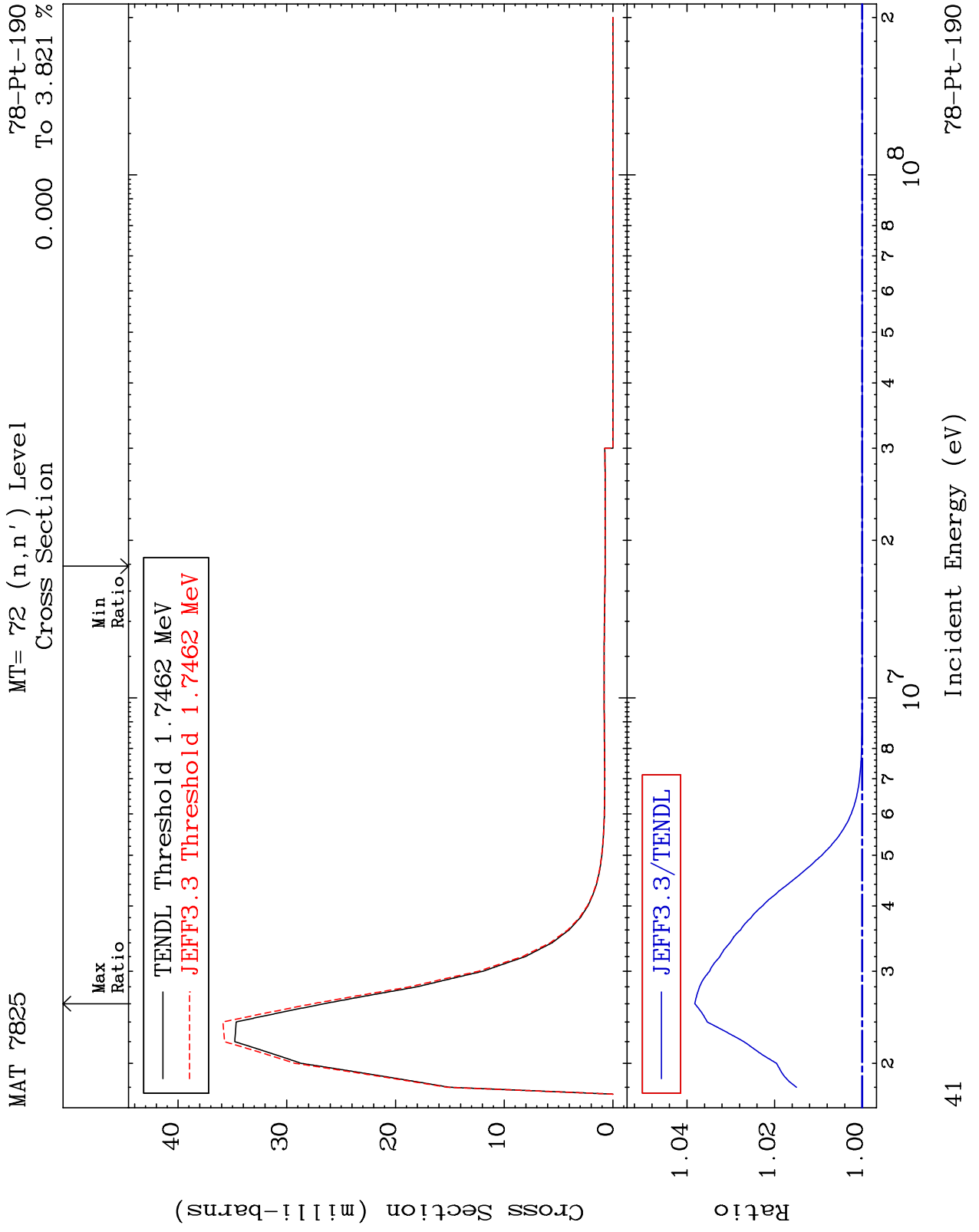
MT= 70 (n,n') Level  
Cross Section

78-Pt-190  
0.000 To 6.361 %





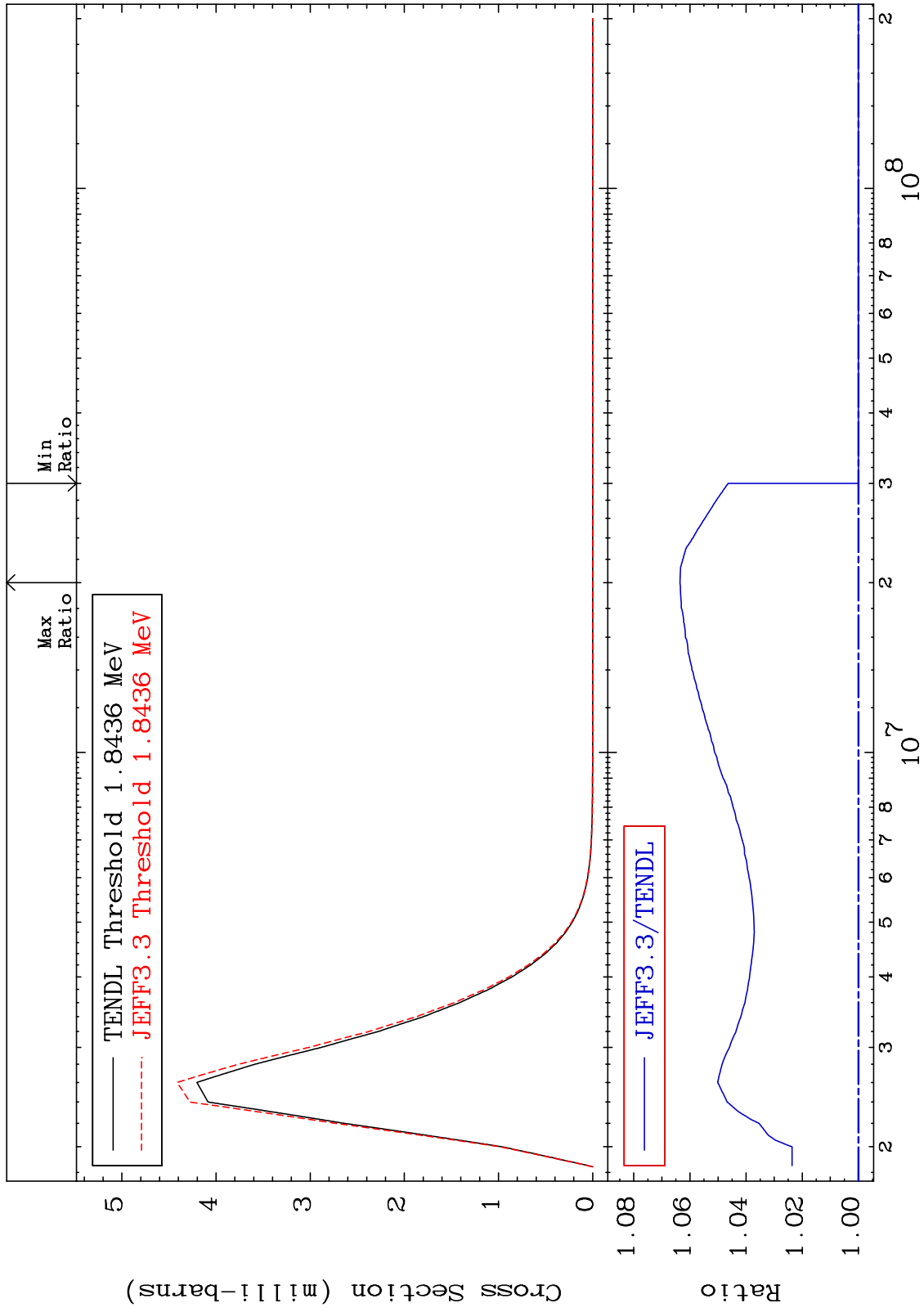




MAT 7825

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

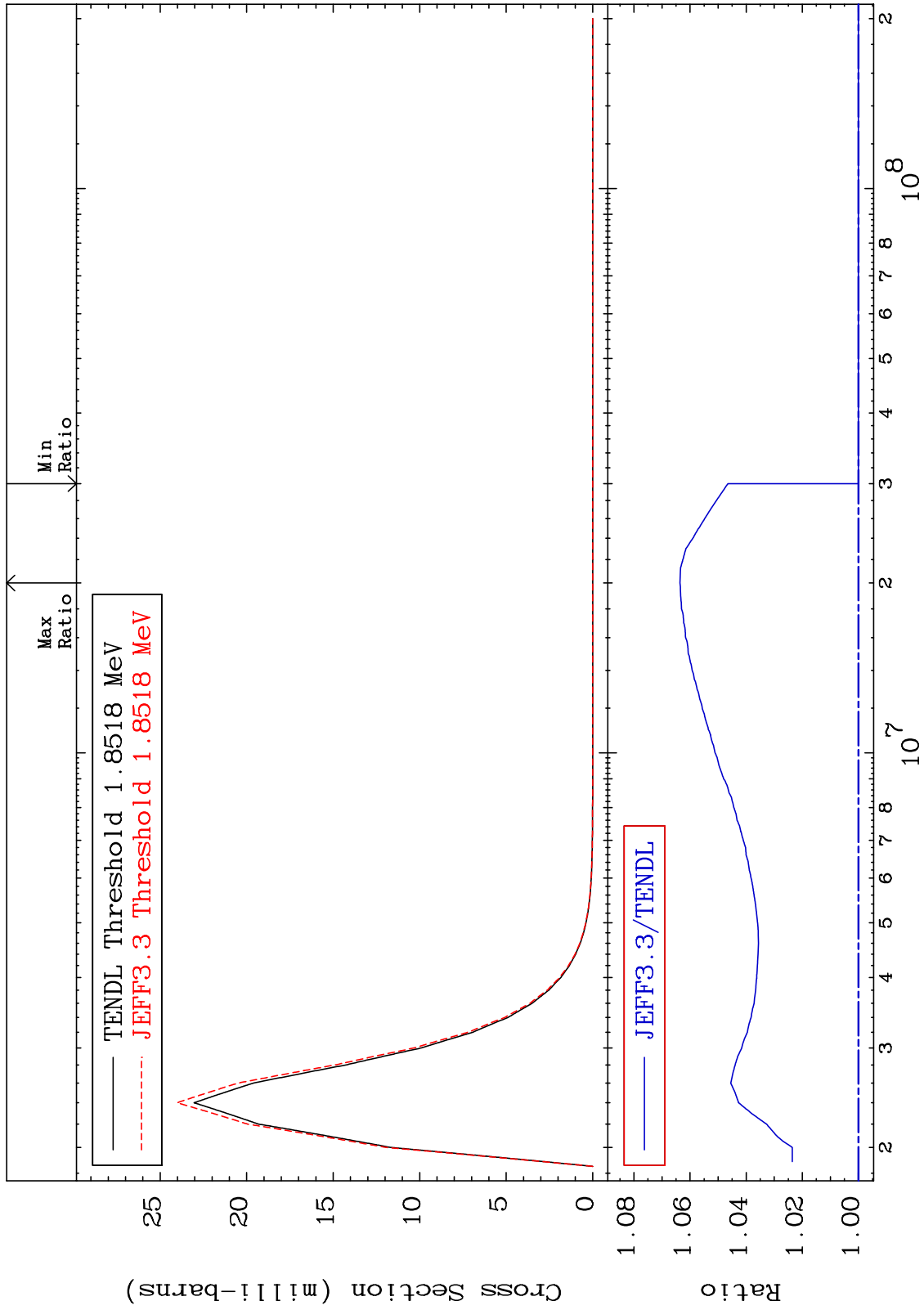
78-Pt-190  
0.000 To 6.353 %

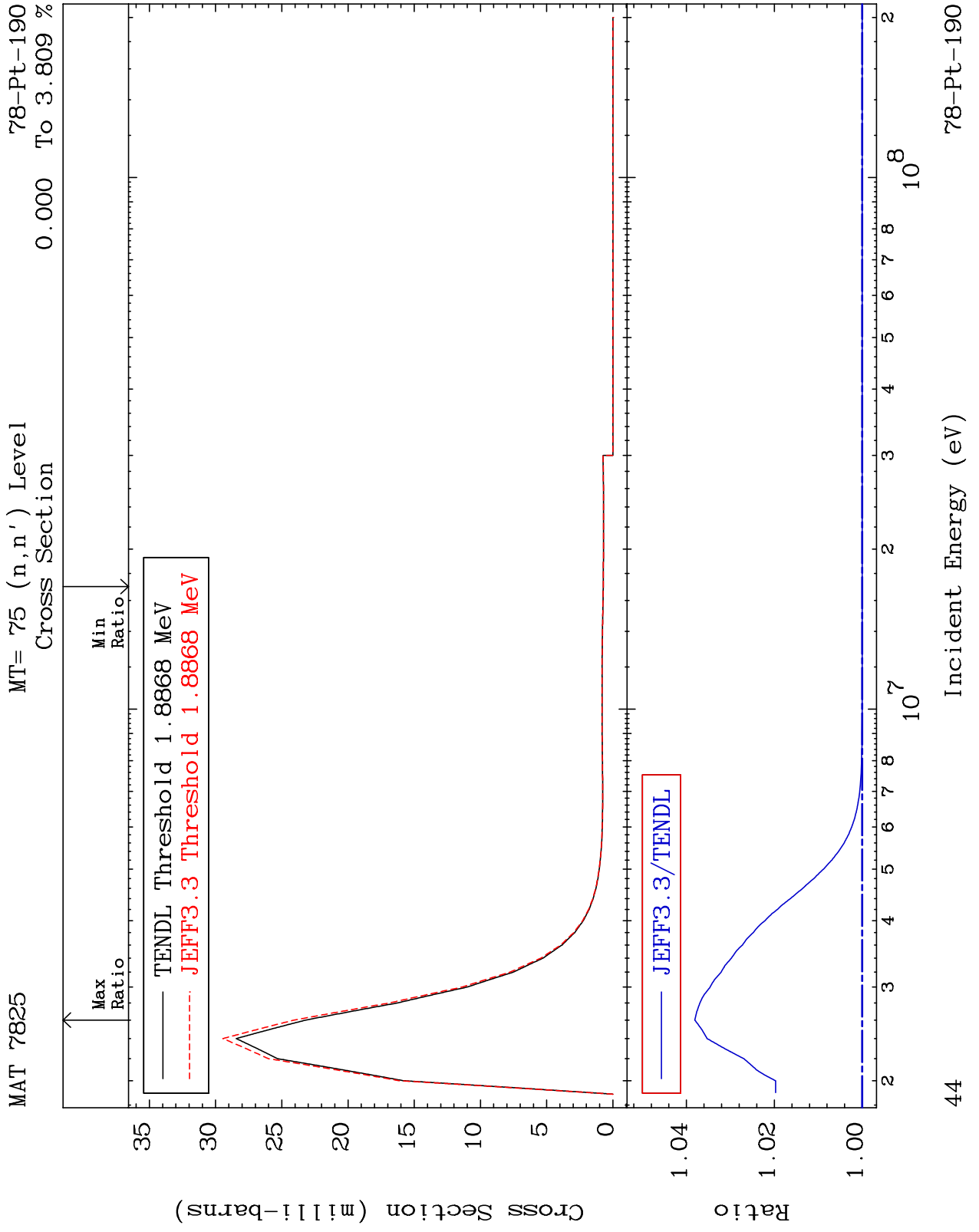


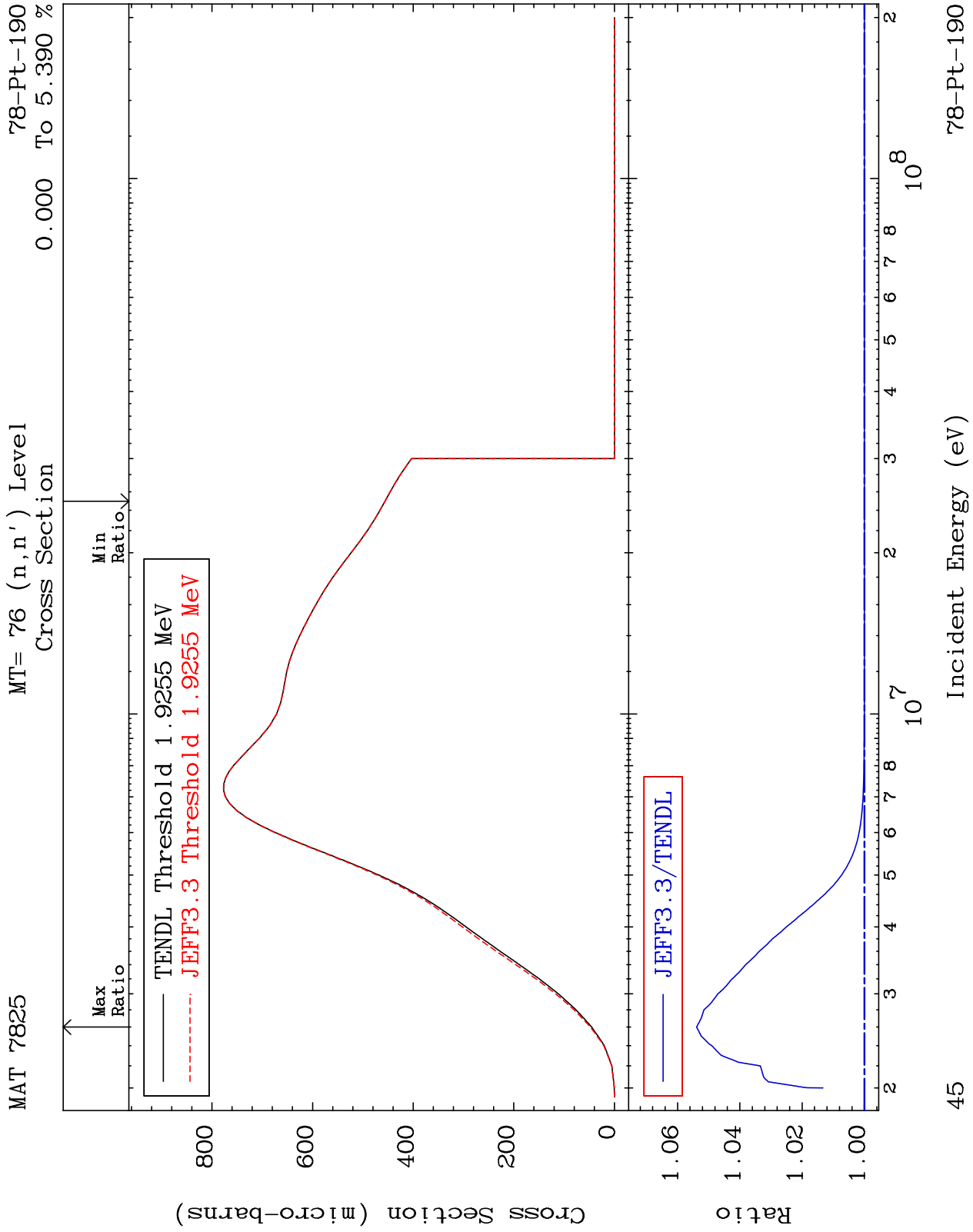
MAT 7825

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

78-Pt-190  
0.000 To 6.357 %



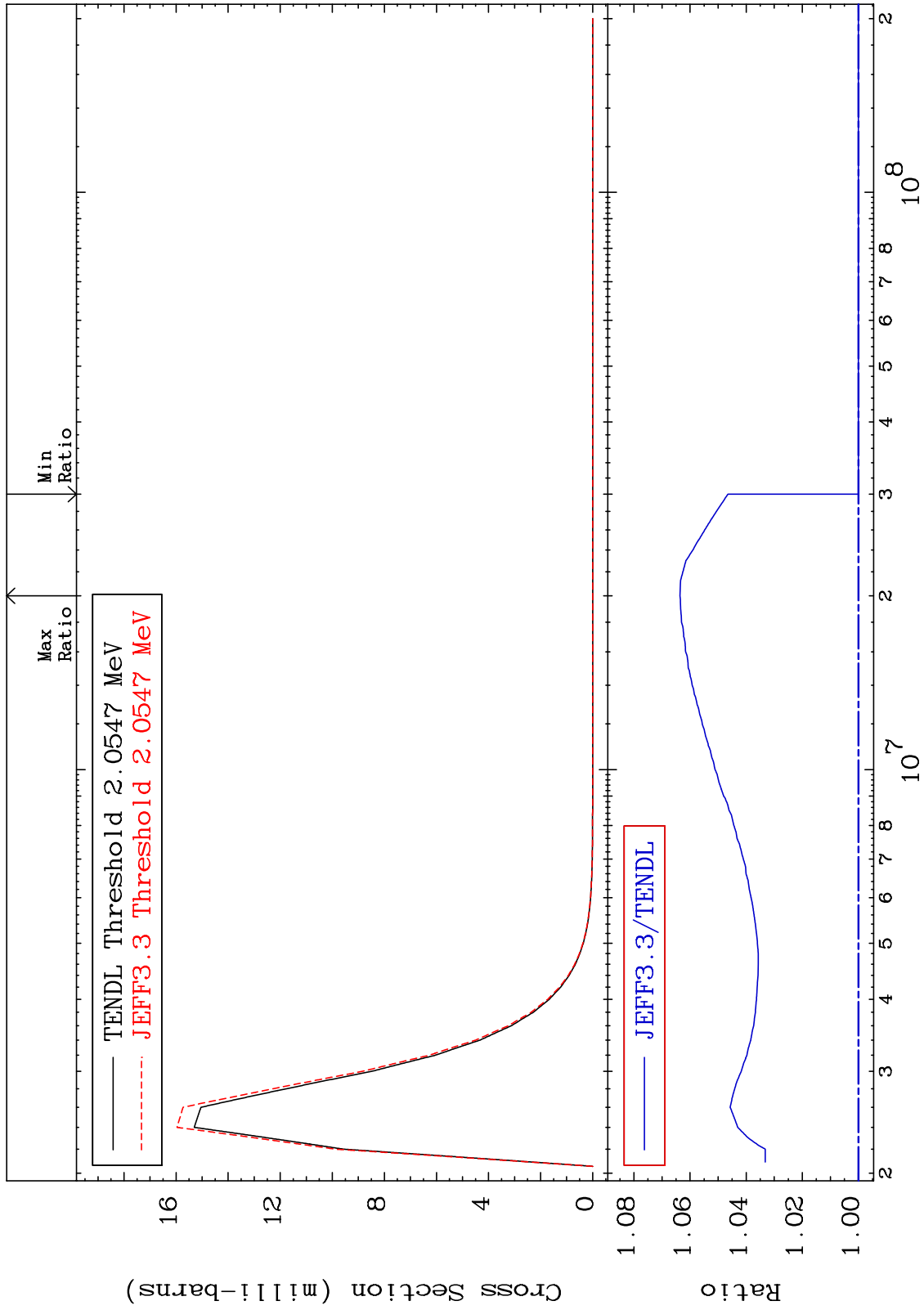




MAT 7825

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

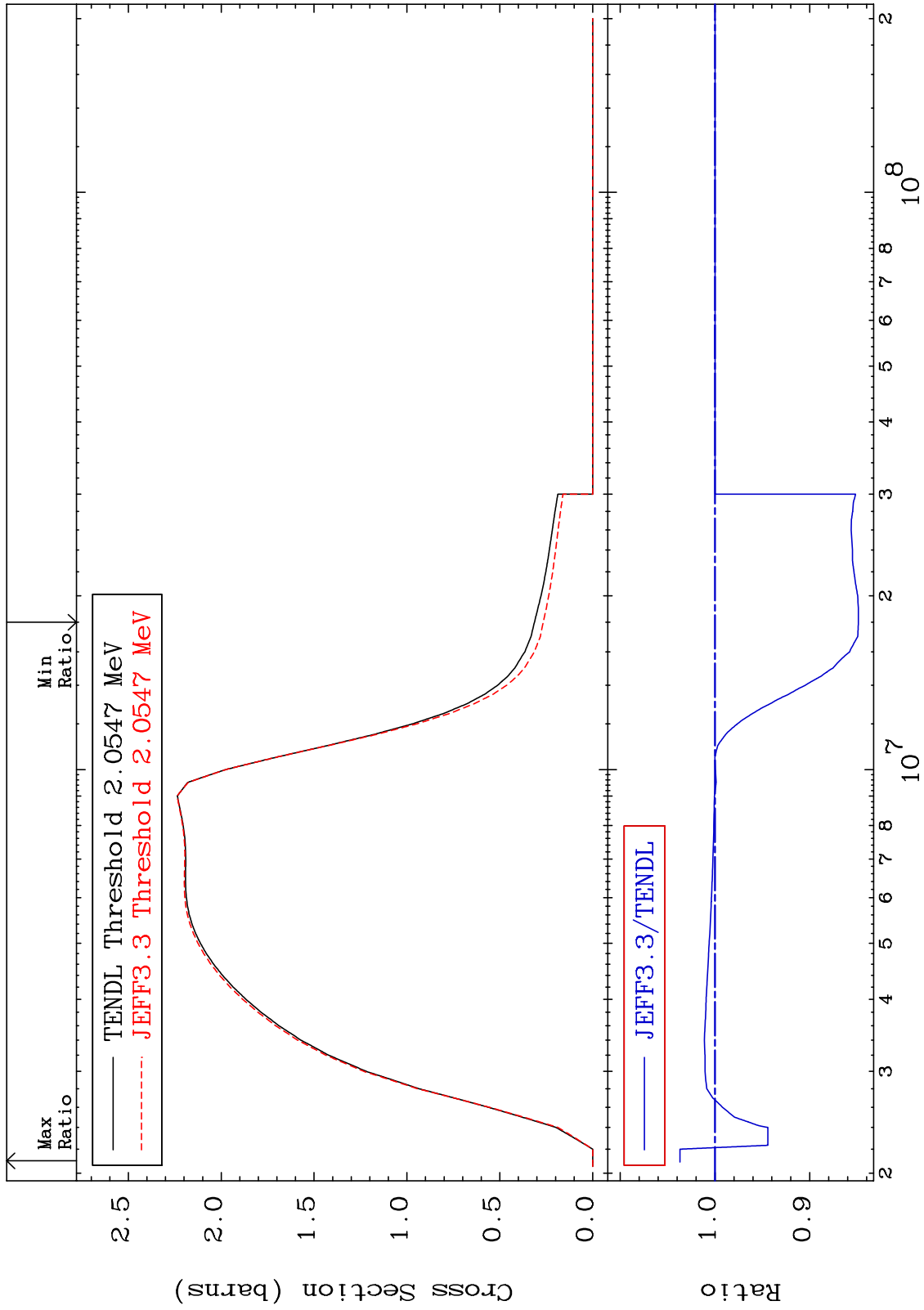
78-Pt-190  
0.000 To 6.357 %



MAT 7825

(n, n') Continuum  
Cross Section

78-Pt-190  
-15.13 To 3.690 %

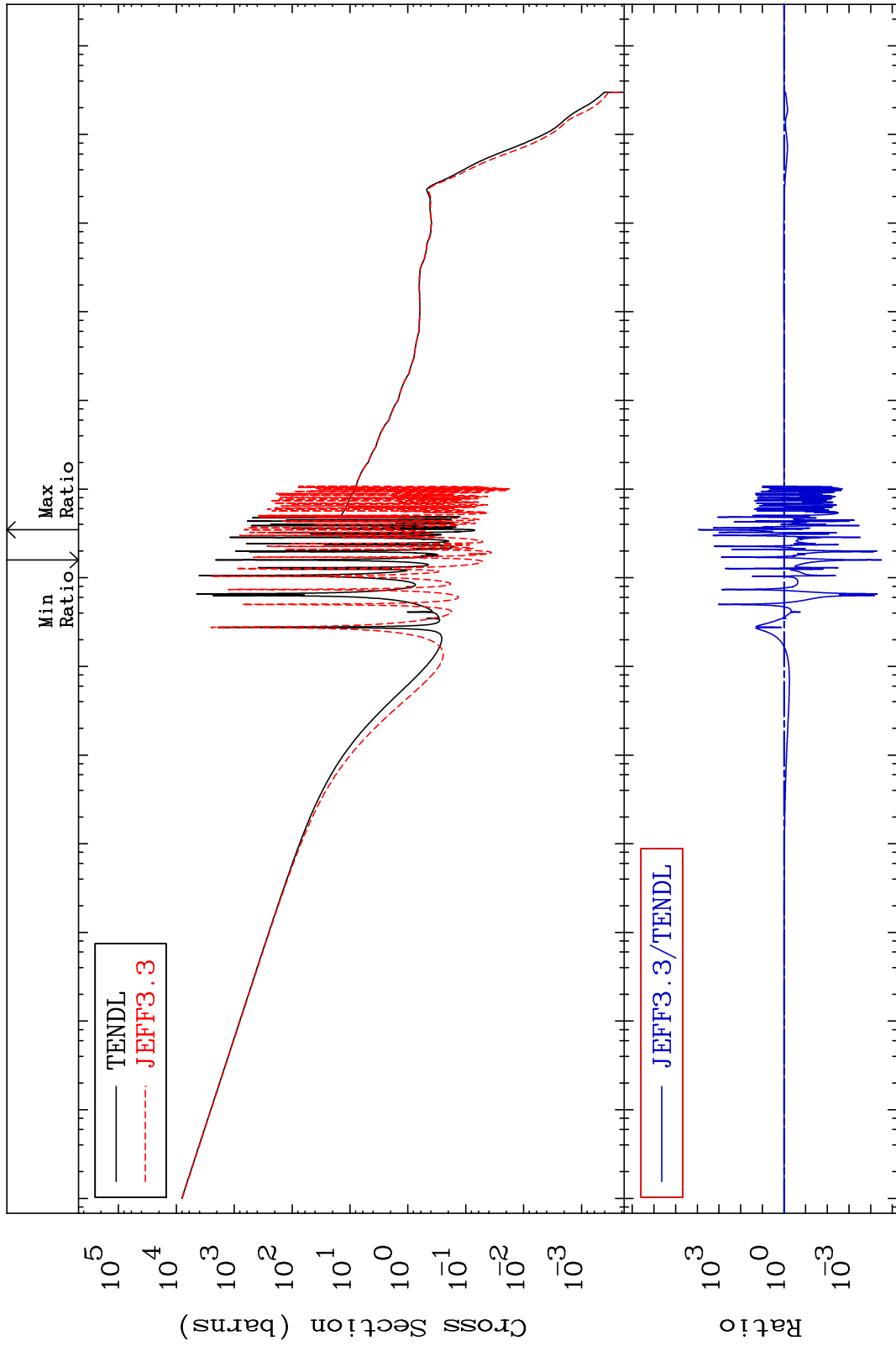




MAT 7825

(n,  $\gamma$ )  
Cross Section

78-Pt-190  
-100.0 To 9999. %



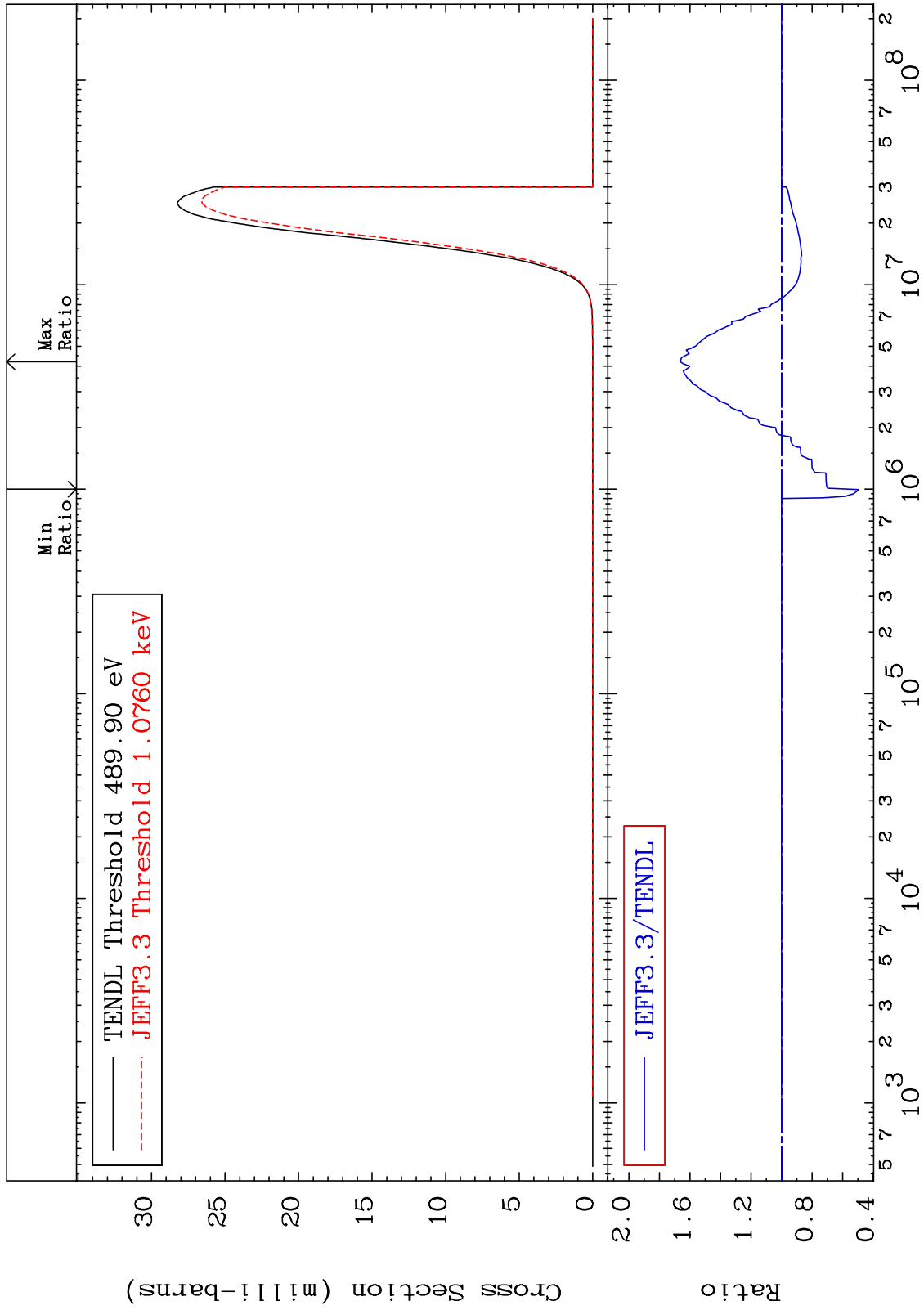
MAT 7825

(n, p)

78-Pt-190

Cross Section

-50.37 To 66.55 %



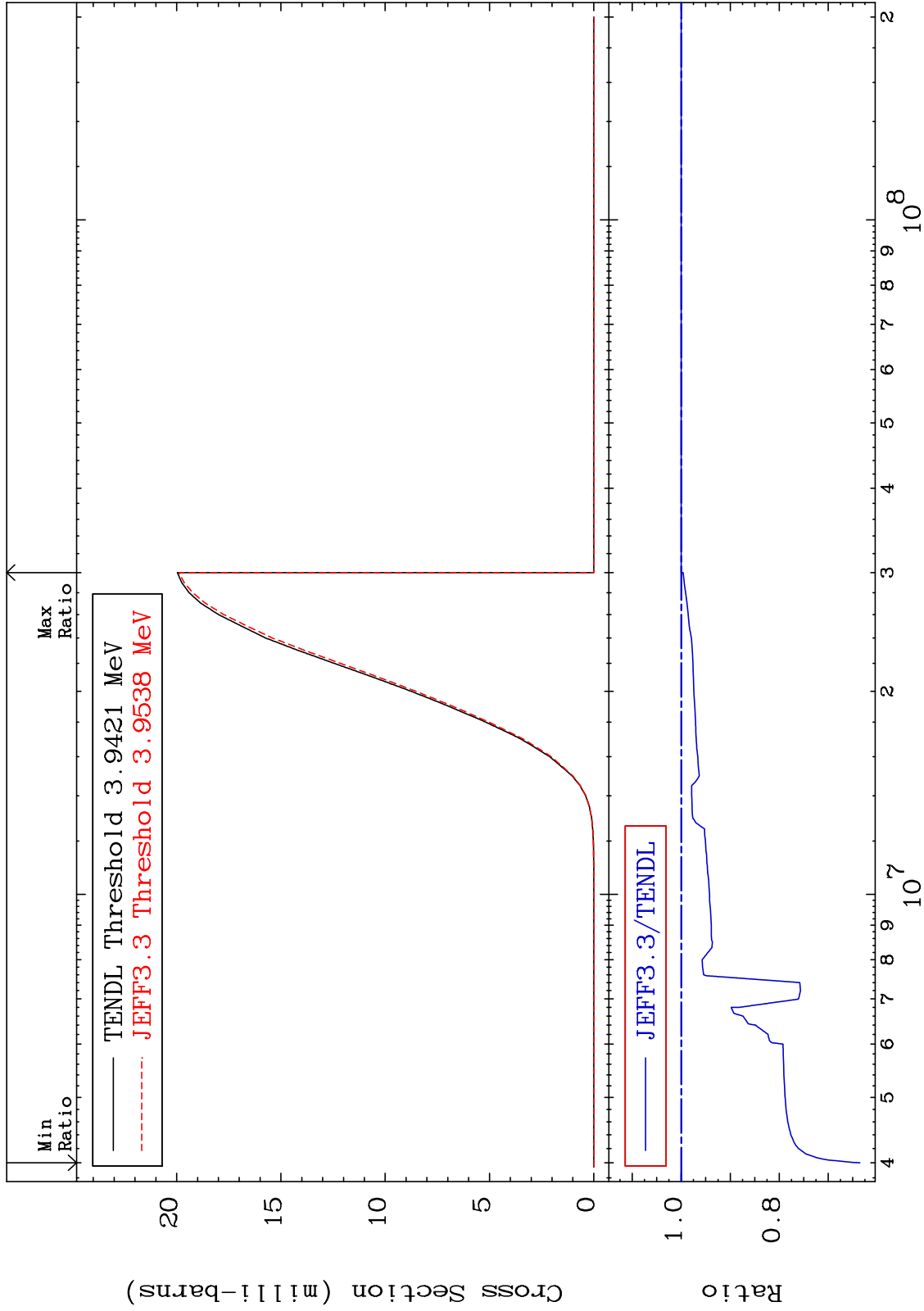
MAT 7825

(n, d)

78-Pt-190

Cross Section

-36.46 To 0.000 %



50

Incident Energy (eV)

78-Pt-190

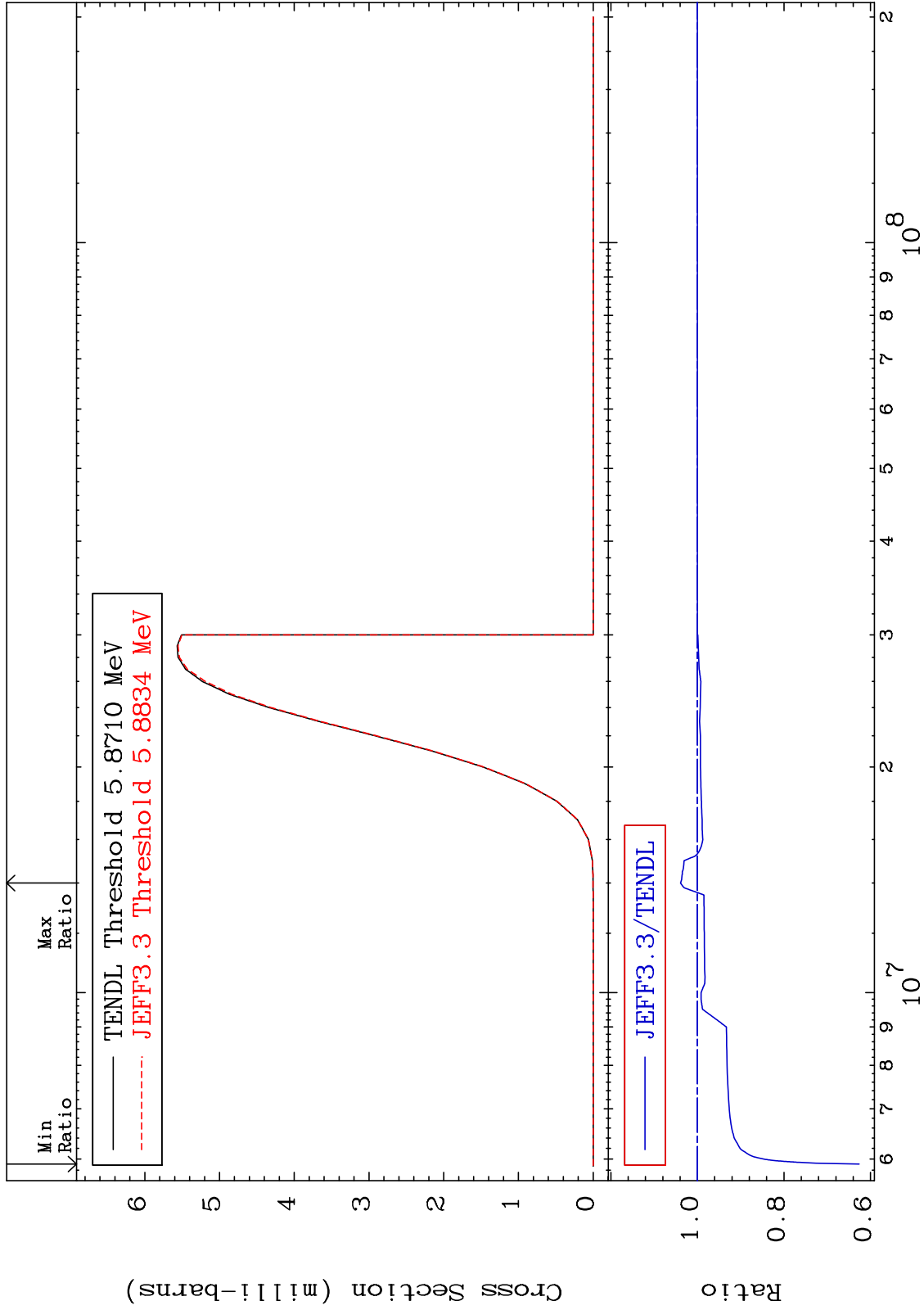
MAT 7825

(n, t)

78-Pt-190

Cross Section

-37.38 To 3.875 %



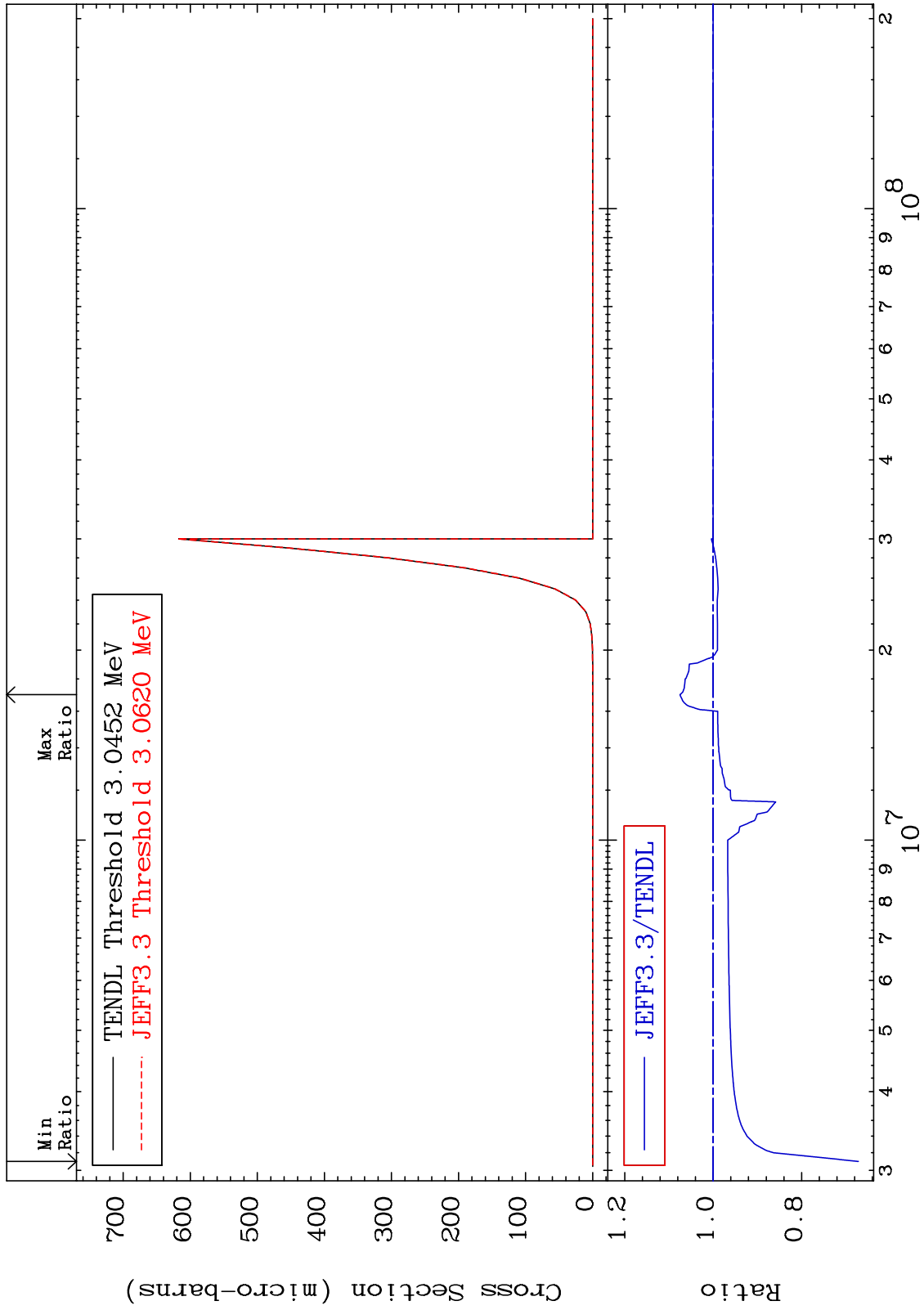
MAT 7825

(n, He-3)

78-Pt-190

Cross Section

-32.84 To 7.494 %



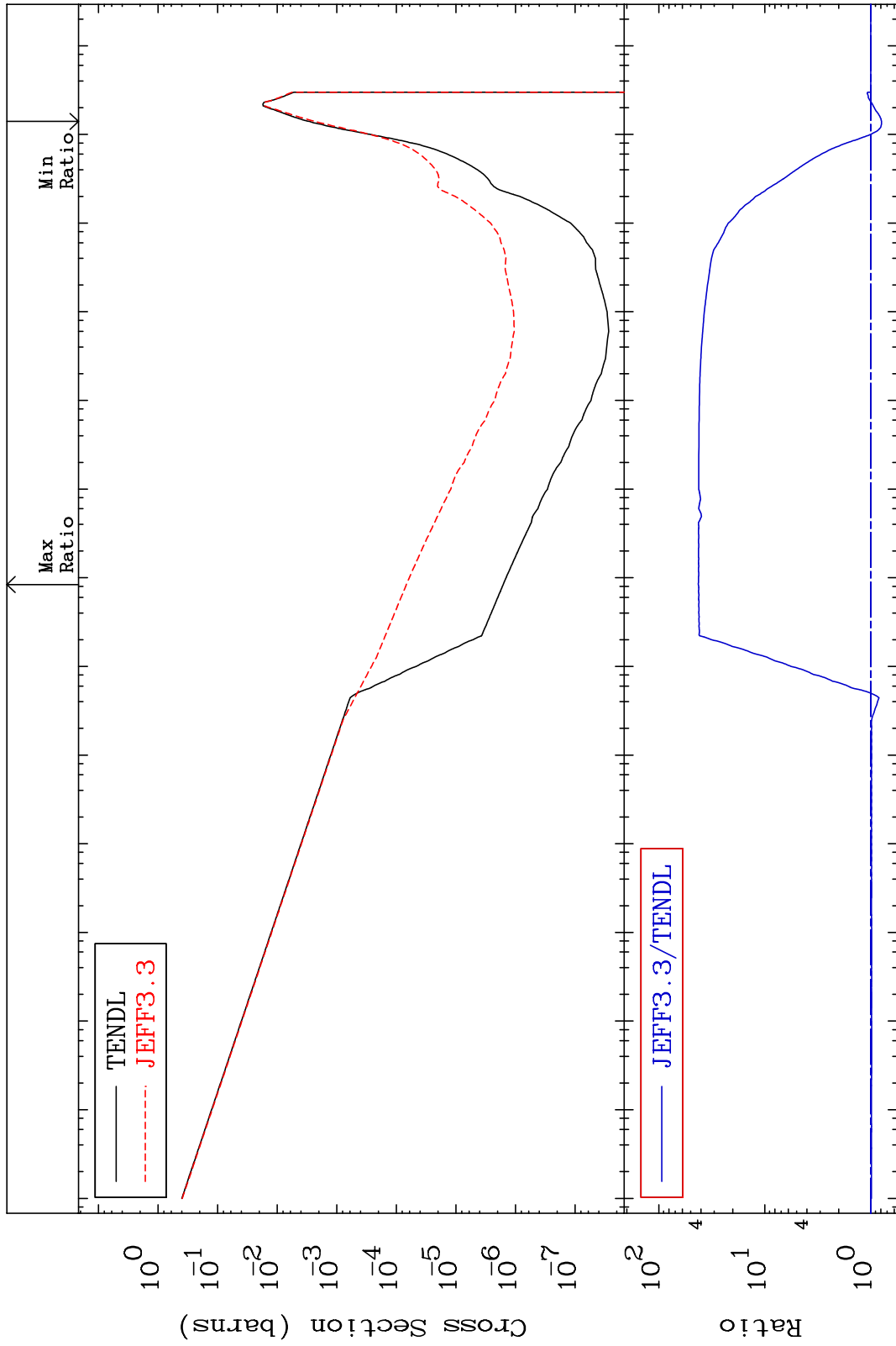
MAT 7825

(n,  $\alpha$ )

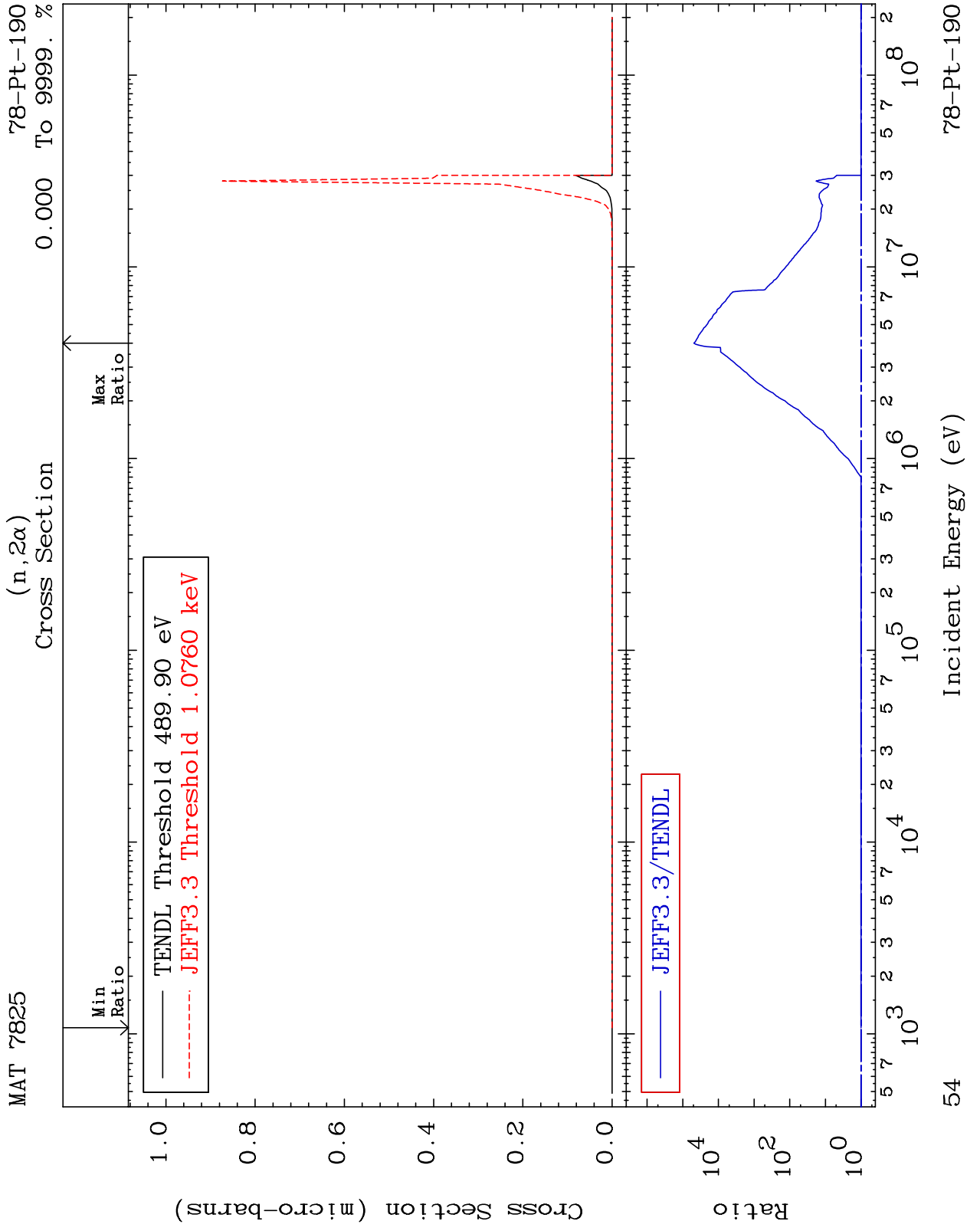
78-Pt-190

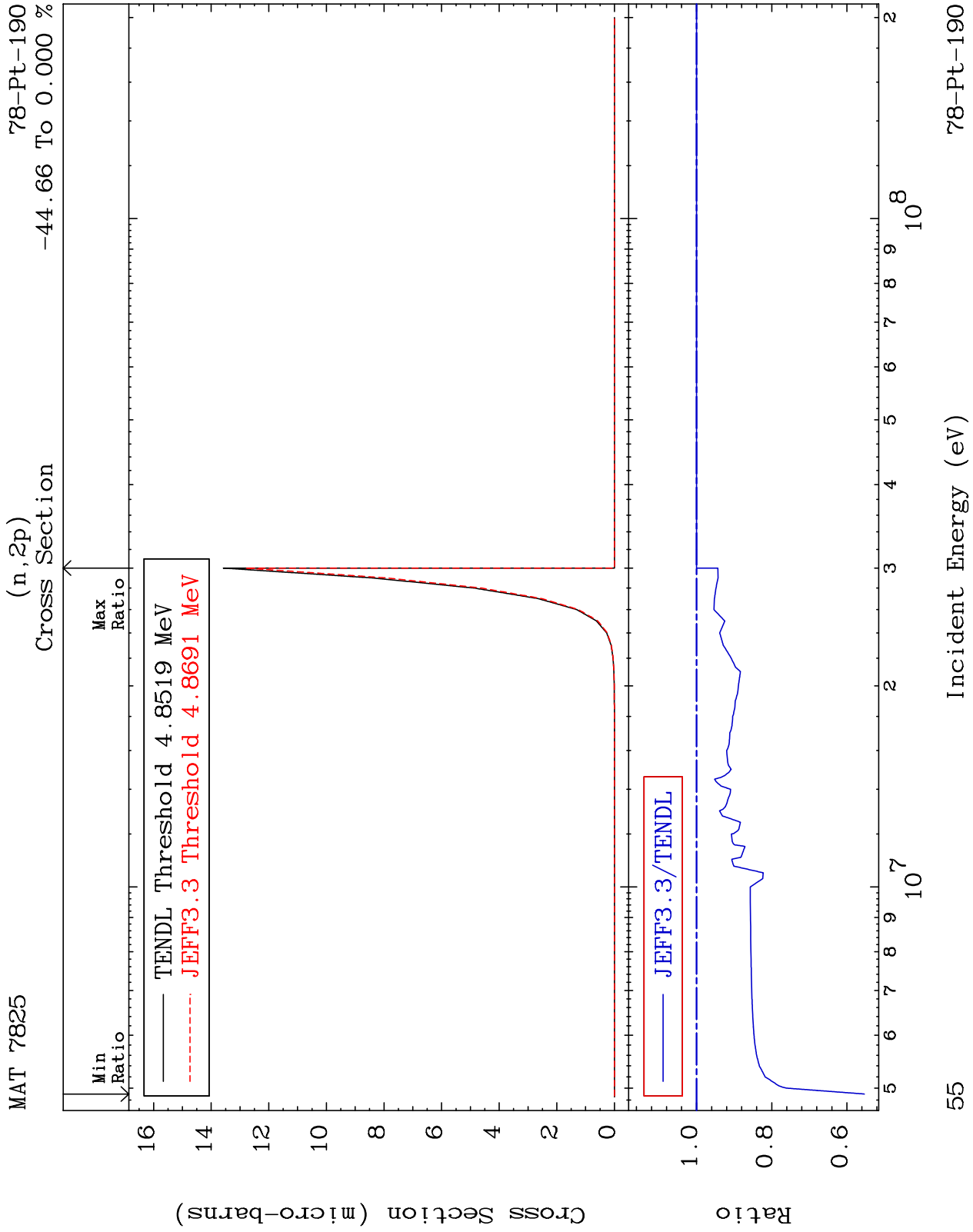
Cross Section

-21.06 To 4130. %



Incident Energy (eV) 78-Pt-190







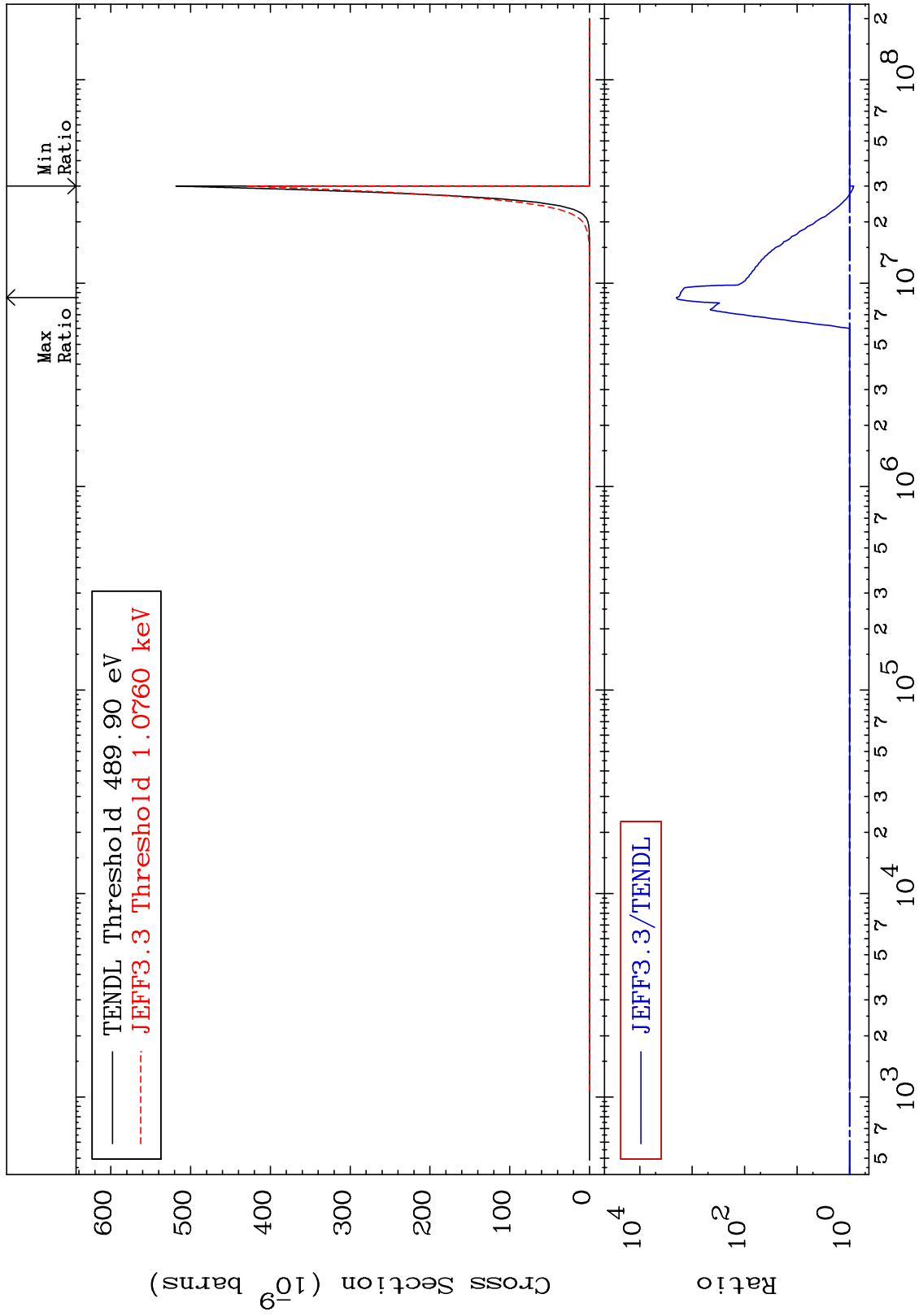
MAT 7825

(n,p)  $\alpha$

78-Pt-190

Cross Section

-16.99 To 9999. %



56

Incident Energy (eV)

78-Pt-190

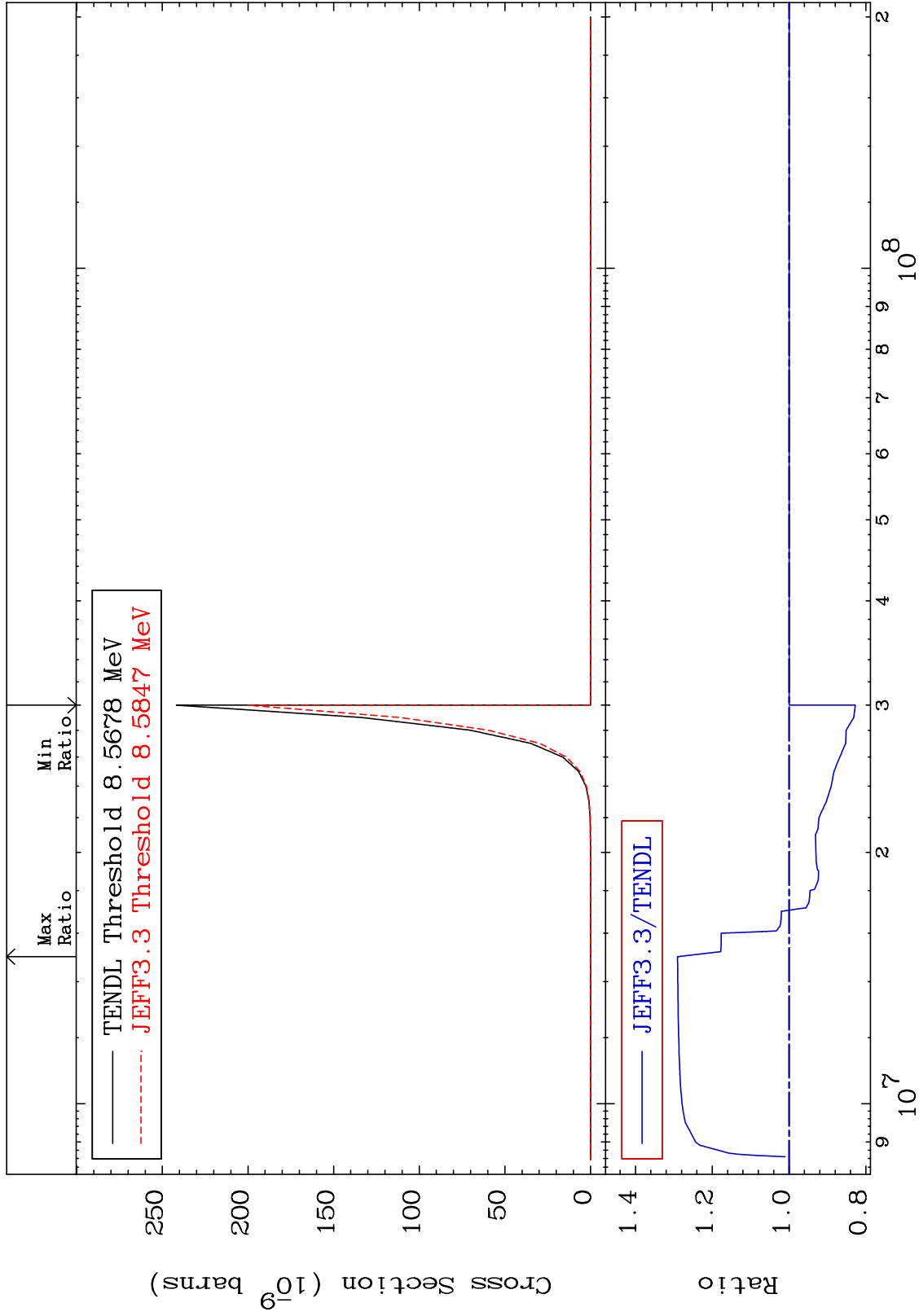
MAT 7825

(n,p) d

78-Pt-190

Cross Section

-17.24 To 29.04 %



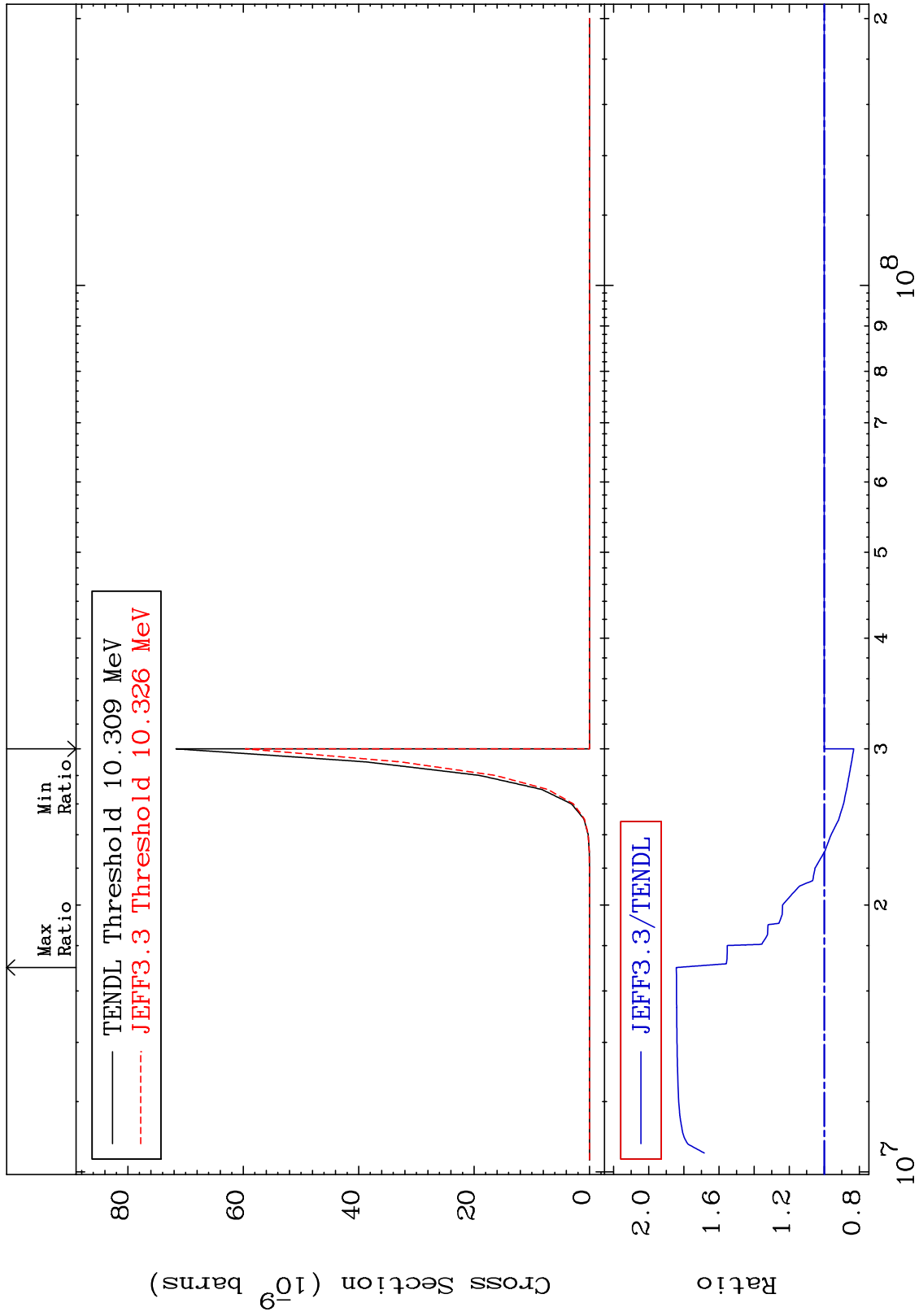
MAT 7825

(n,p) t

78-Pt-190

Cross Section

-16.78 To 84.27 %



Incident Energy (eV)

78-Pt-190

58

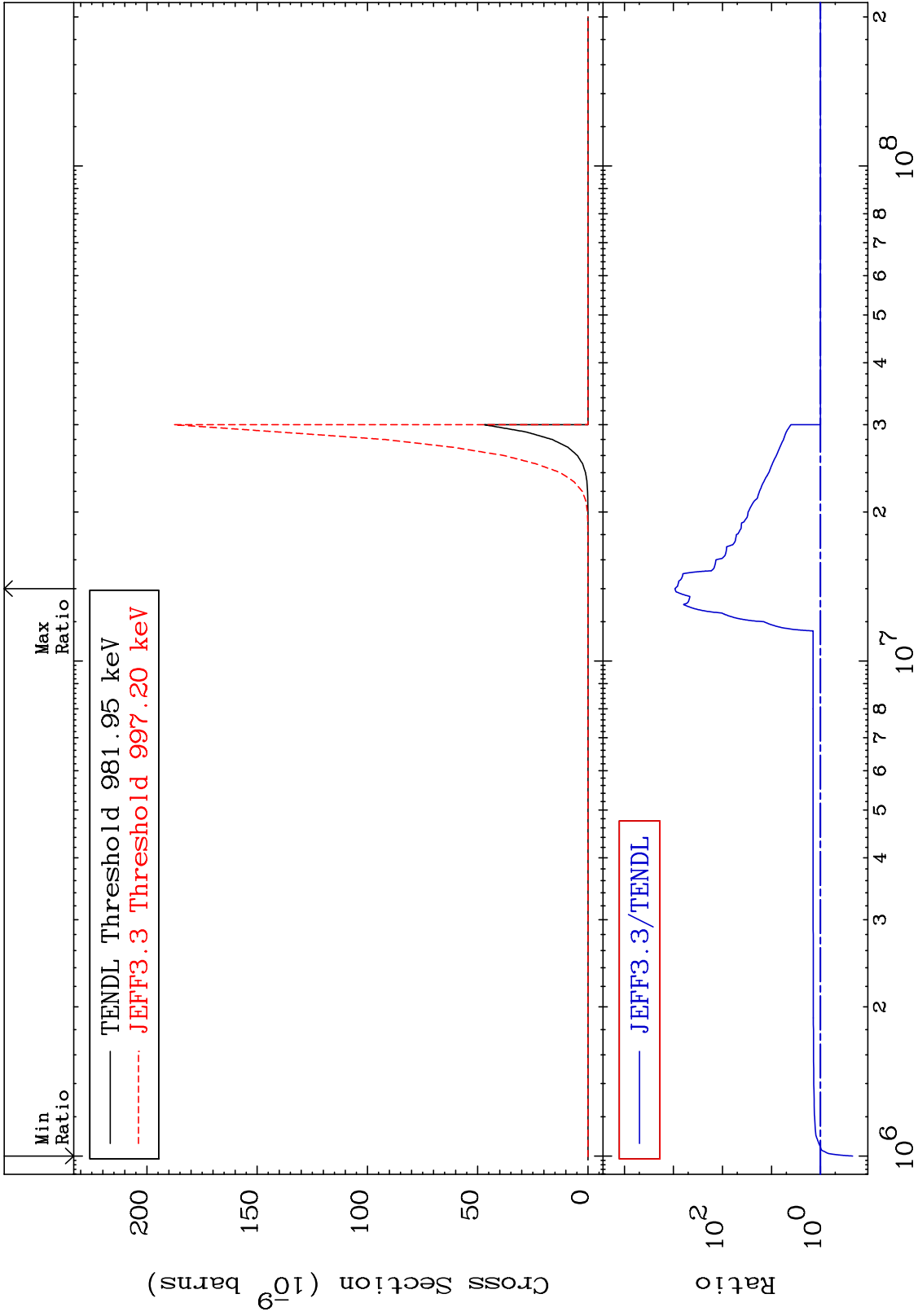
MAT 7825

(n,d)  $\alpha$

78-Pt-190

Cross Section

-77.92 To 9999. %



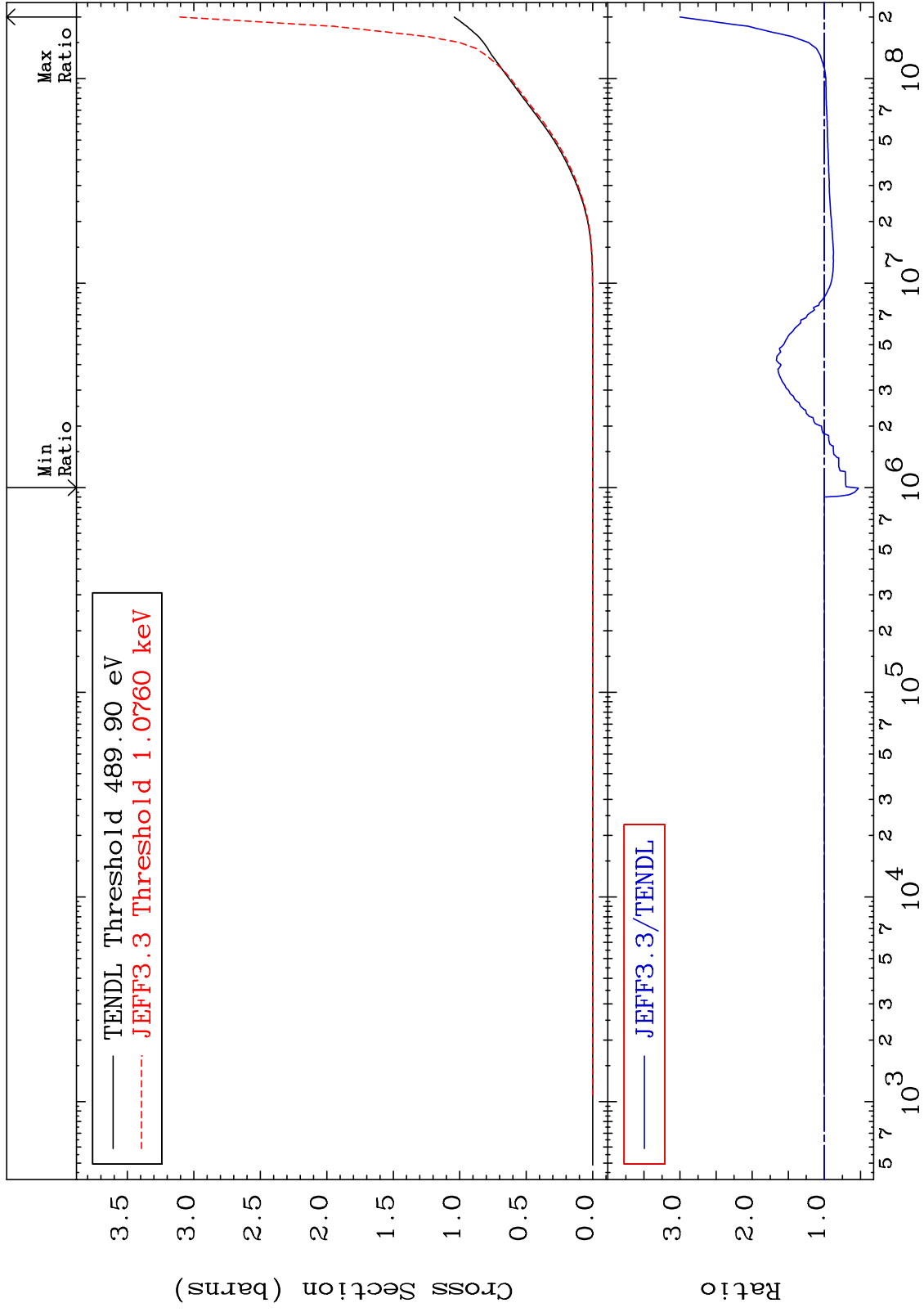
59

78-Pt-190

MAT 7825

Hydrogen Production  
Cross Section

78-Pt-190  
-47.16 To 200.0 %



60

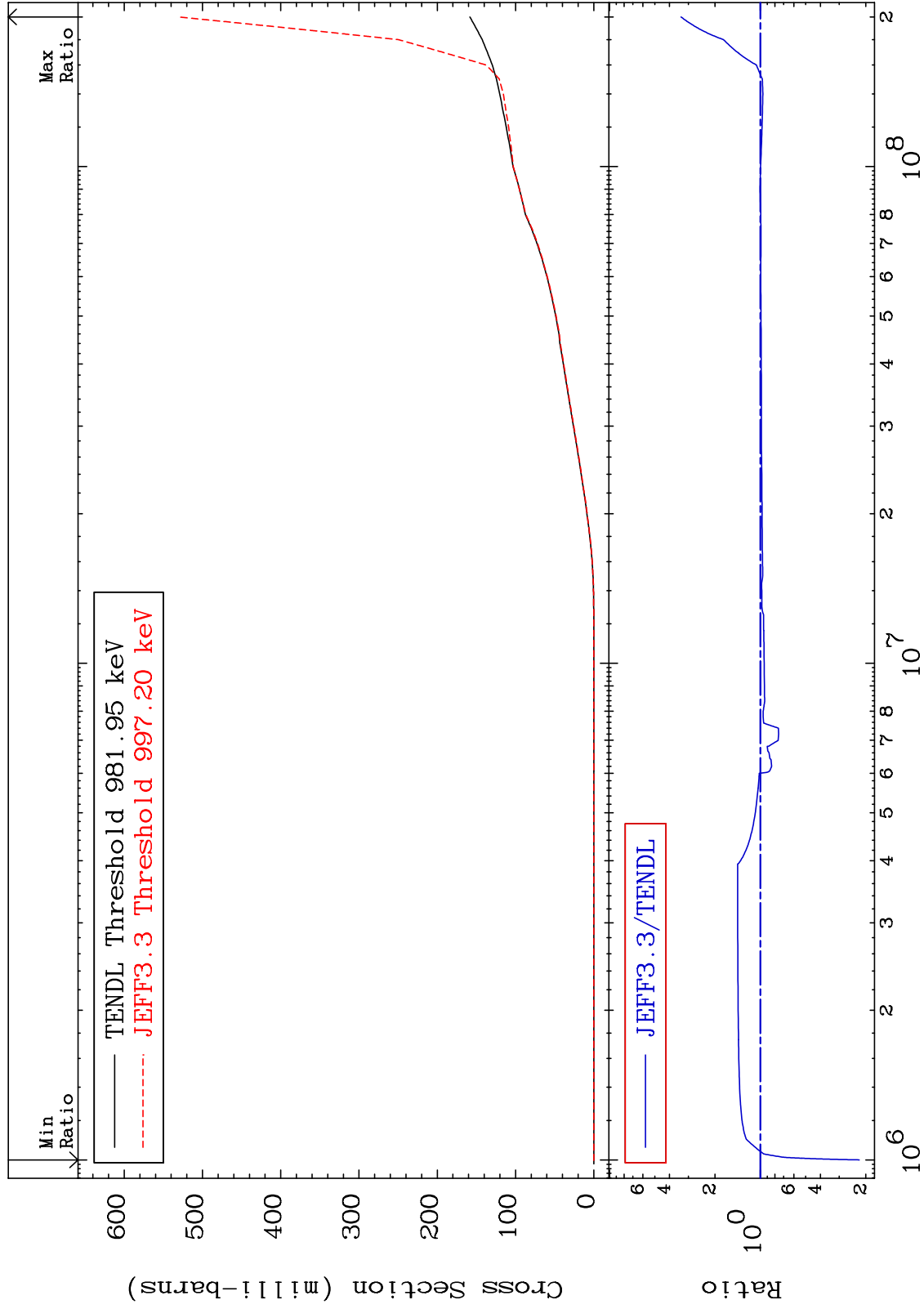
Incident Energy (eV)

78-Pt-190

MAT 7825

Deuterium Production  
Cross Section

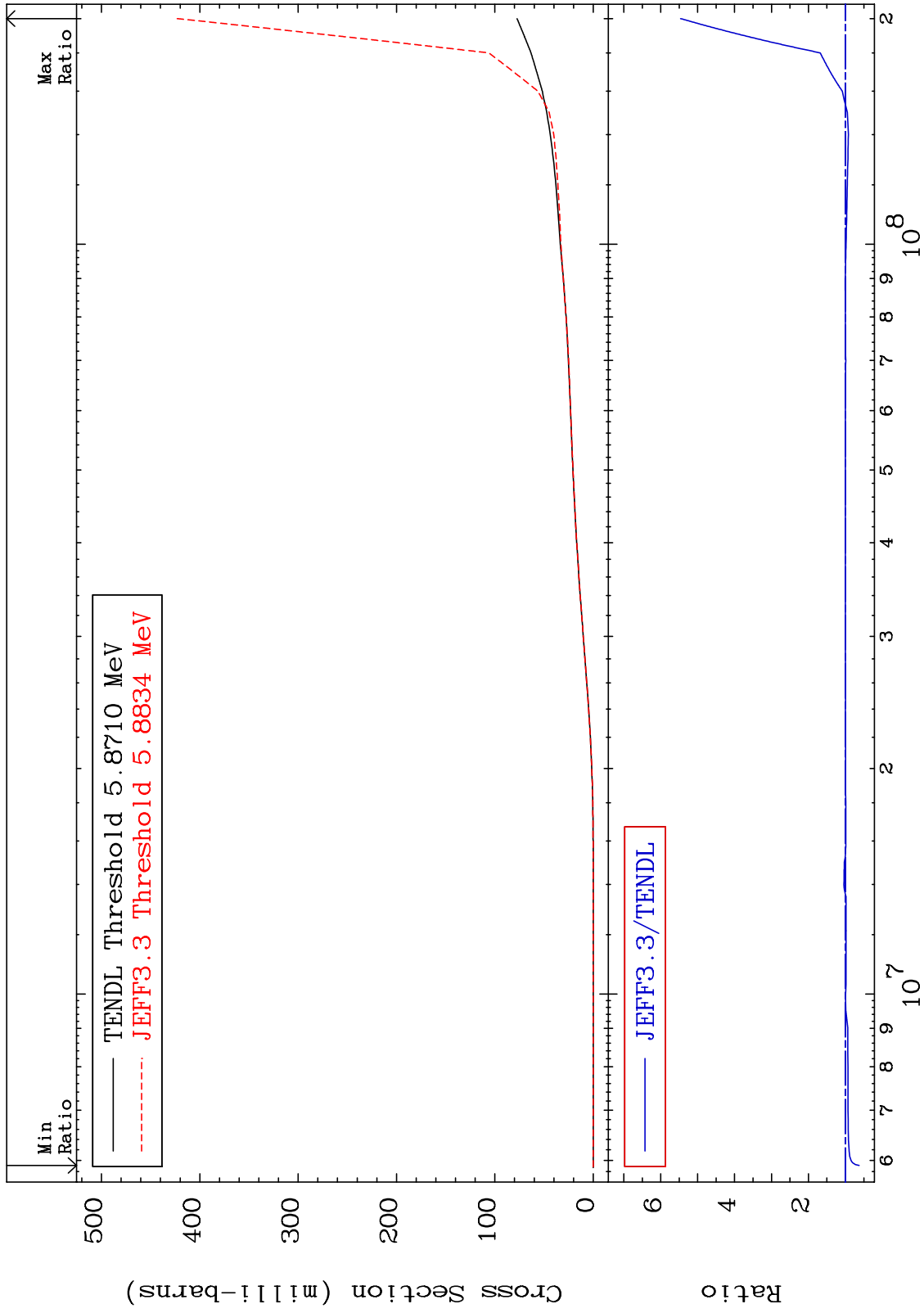
78-Pt-190  
-77.92 To 235.2 %



MAT 7825

Tritium Production  
Cross Section

78-Pt-190  
-37.38 To 446.1 %



62

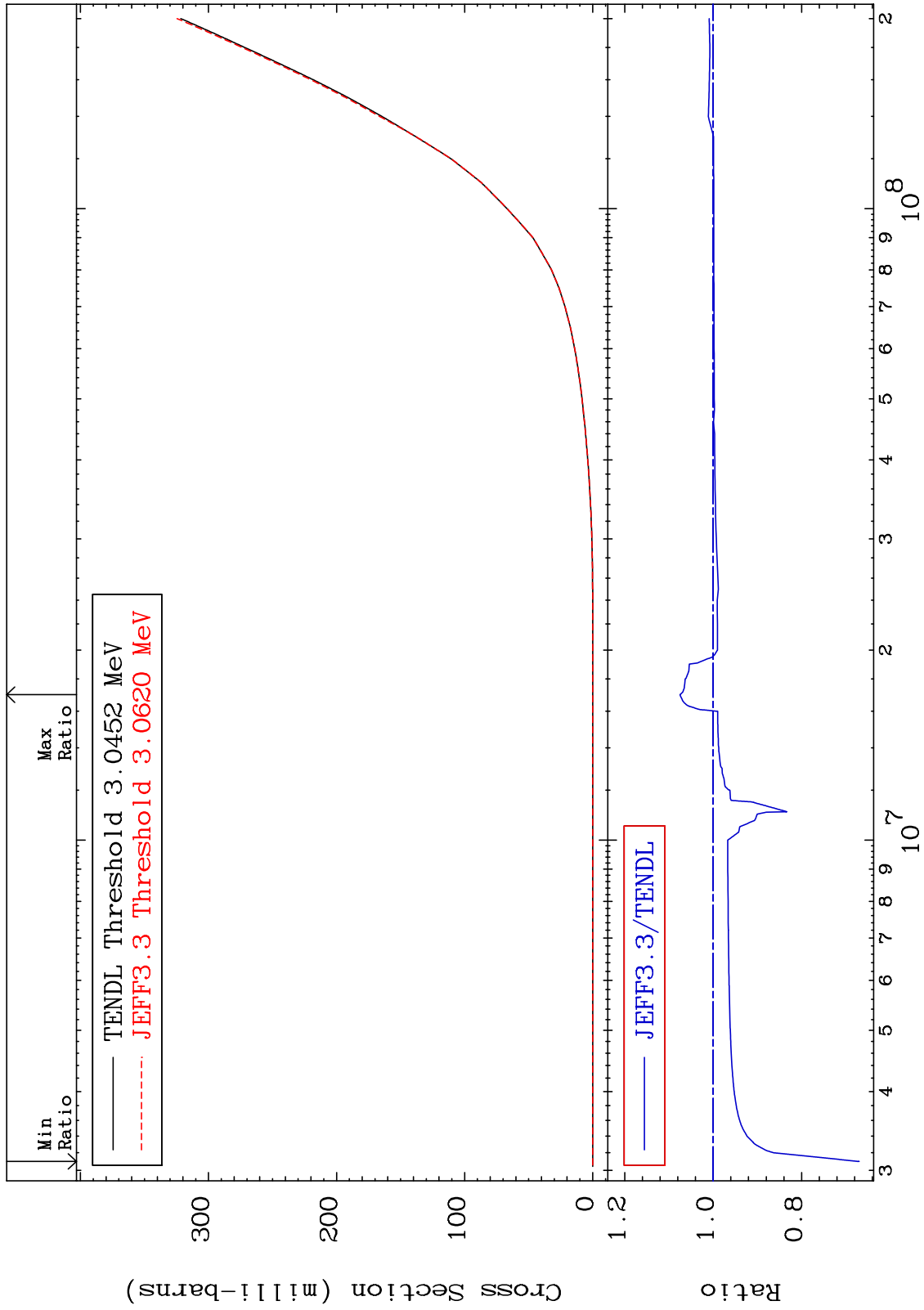
Incident Energy (eV)

78-Pt-190

MAT 7825

He-3 Production  
Cross Section

78-Pt-190  
-32.84 To 7.494 %

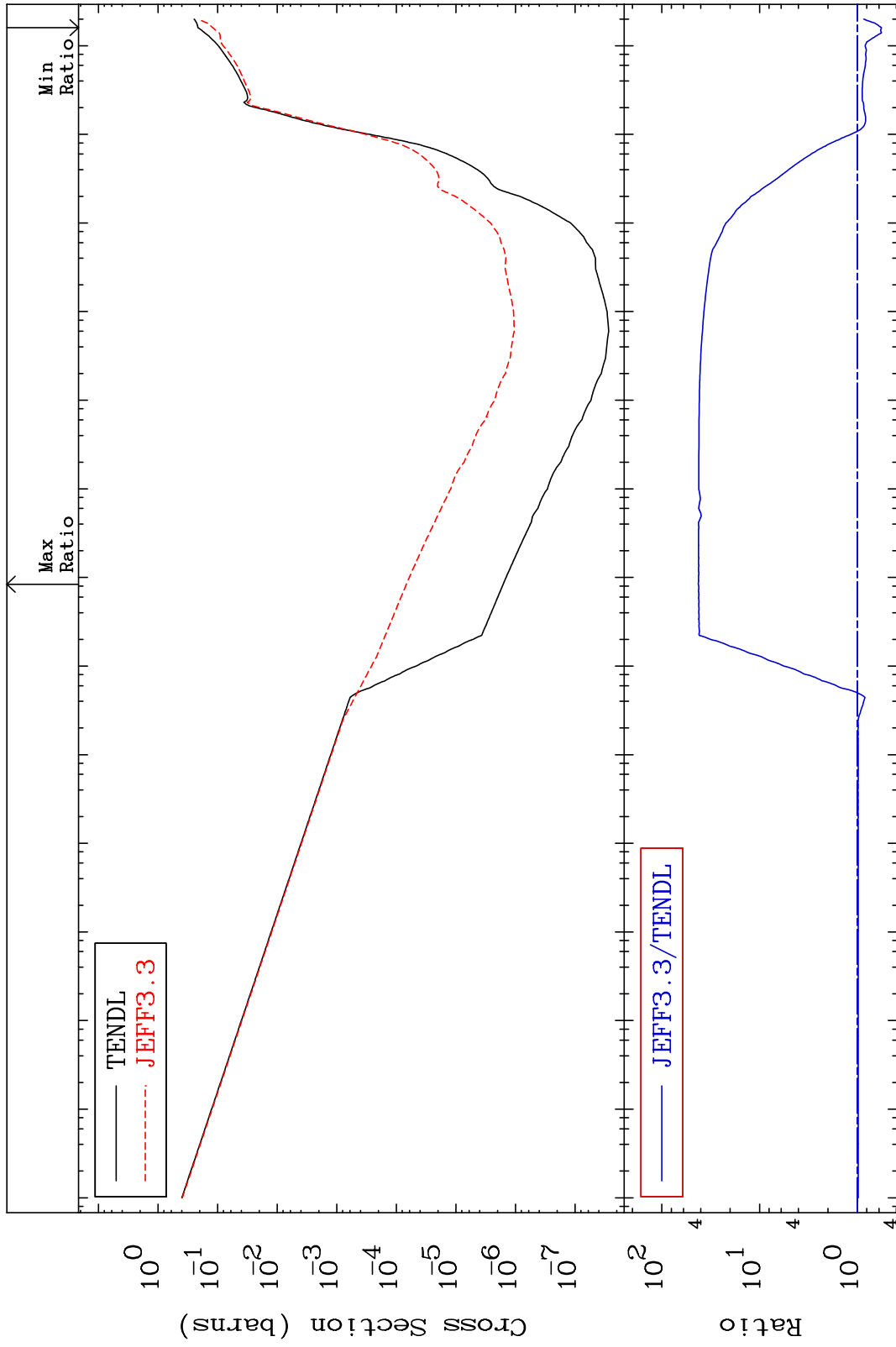




MAT 7825

He-4 Production  
Cross Section

78-Pt-190  
-43.47 To 4130. %

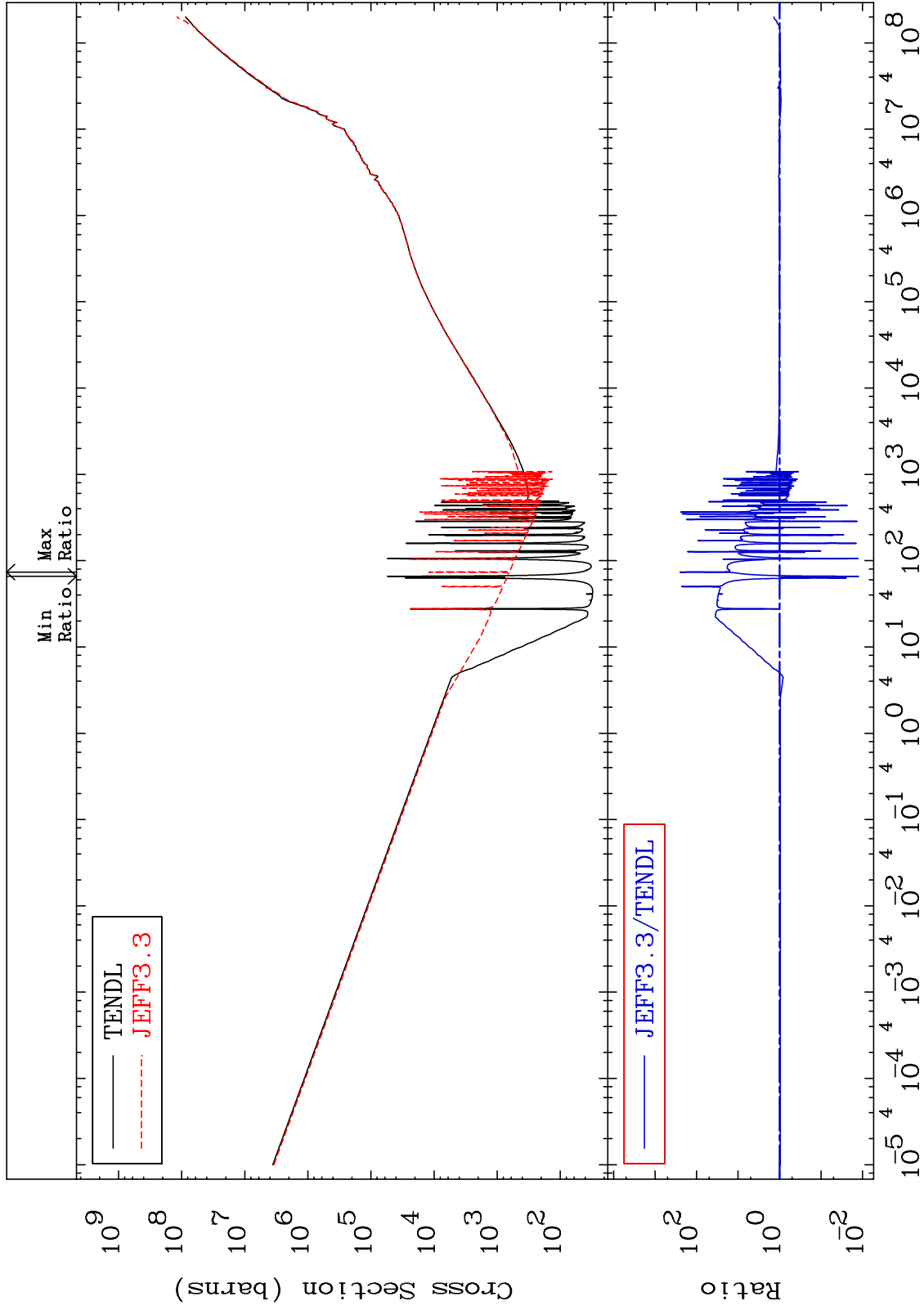


64  
Incident Energy (eV)  
78-Pt-190

MAT 7825

Kerma total (eV-barns)  
Cross Section

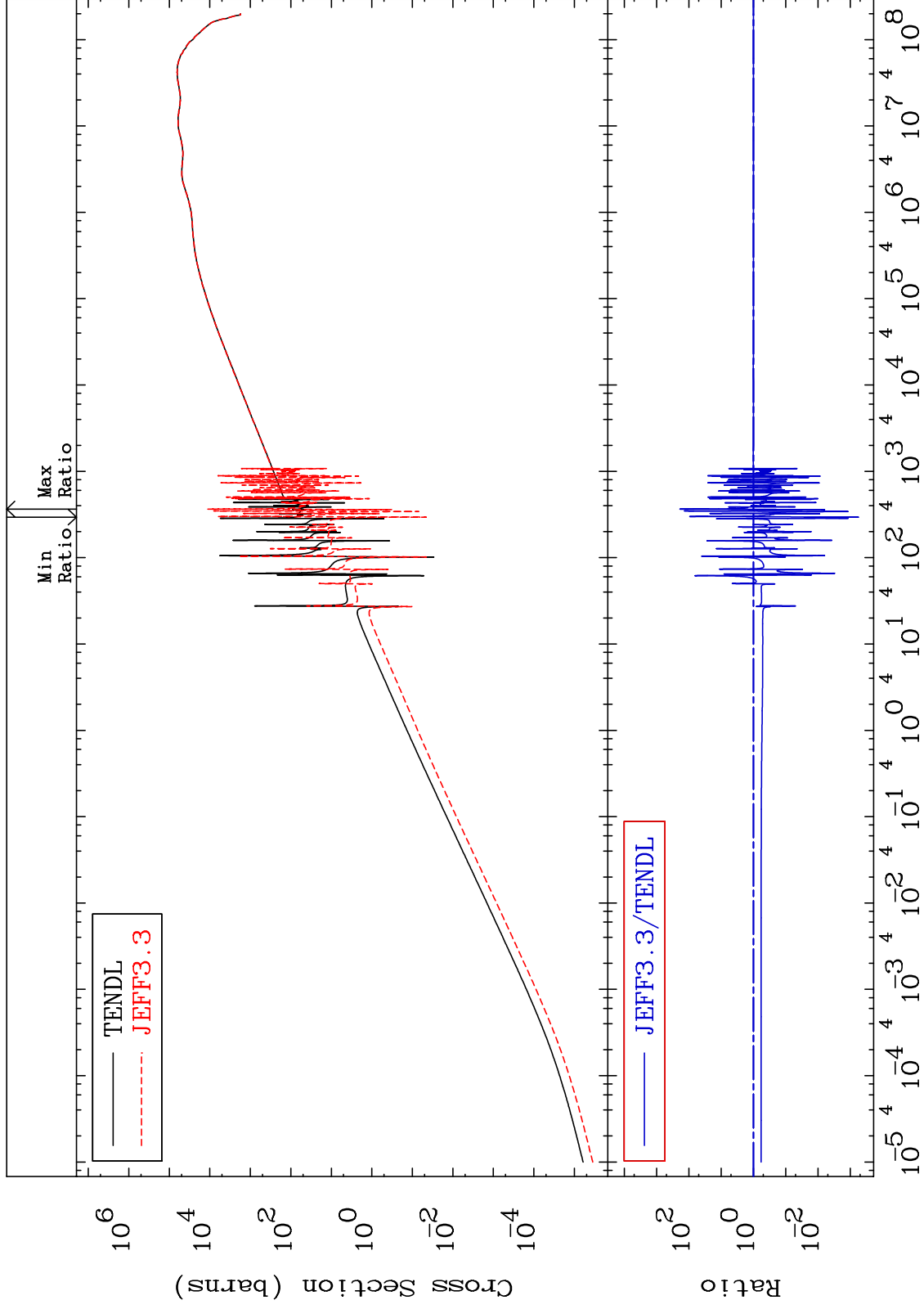
78-Pt-190  
-98.74 To 9999. %



MAT 7825

Kerma elastic  
Cross Section

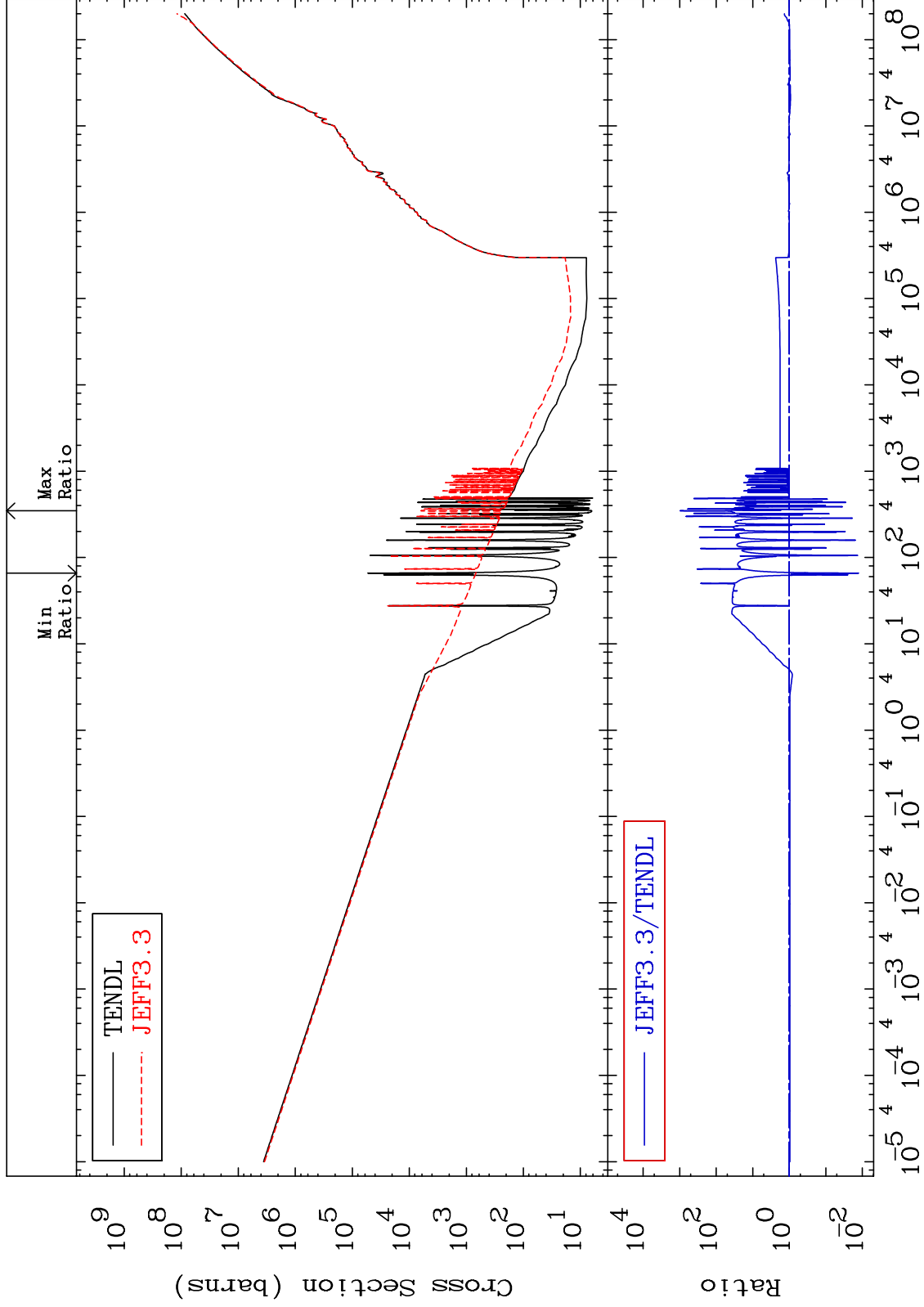
78-Pt-190  
-99.94 To 9999. %



MAT 7825

Kerma non-elastic (all but mt2)  
Cross Section

78-Pt-190  
-98.72 To 9999. %



67

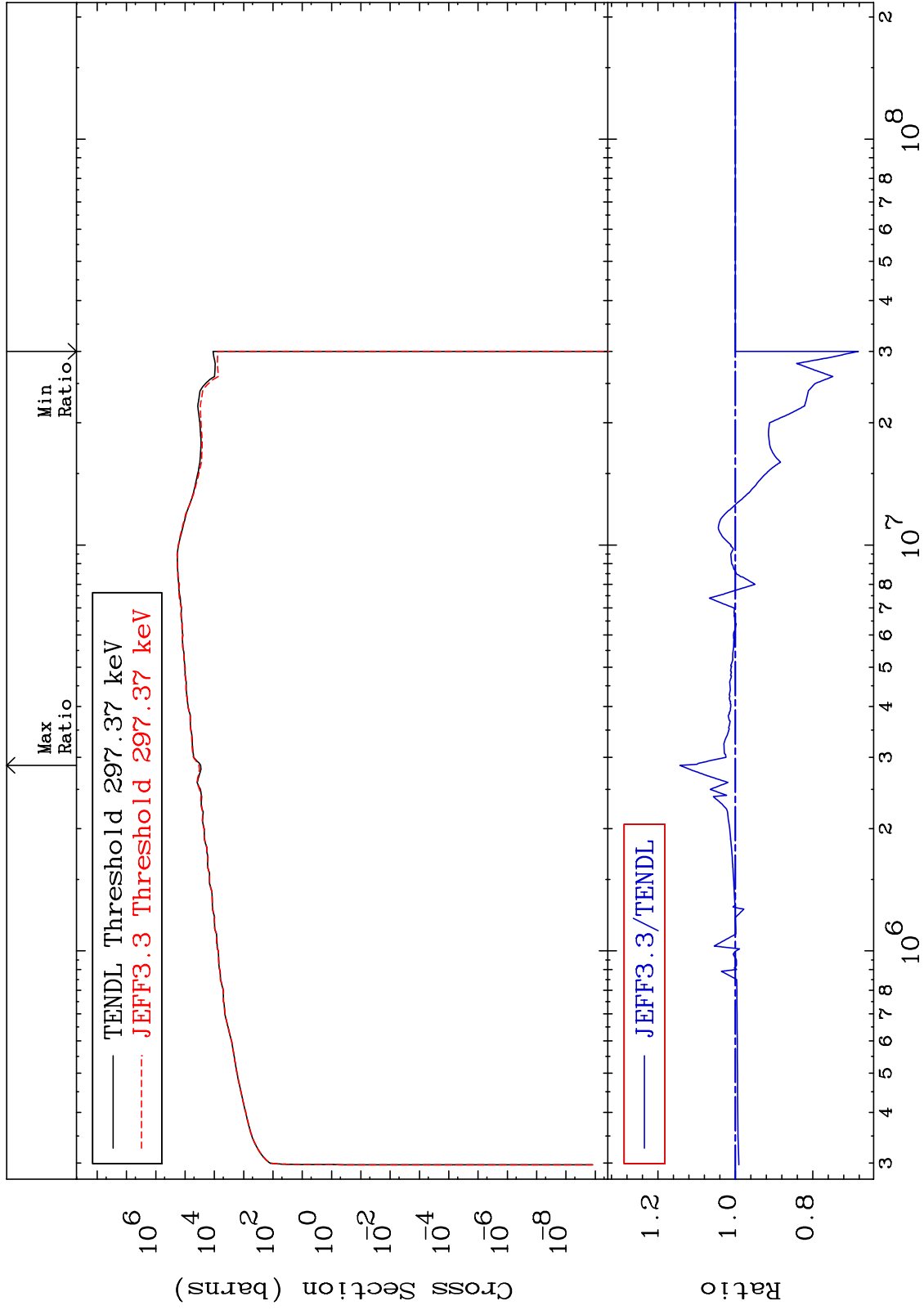
Incident Energy (eV)

78-Pt-190

MAT 7825

Kerma inelastic (mt51-91)  
Cross Section

78-Pt-190  
-31.79 To 14.28 %



68

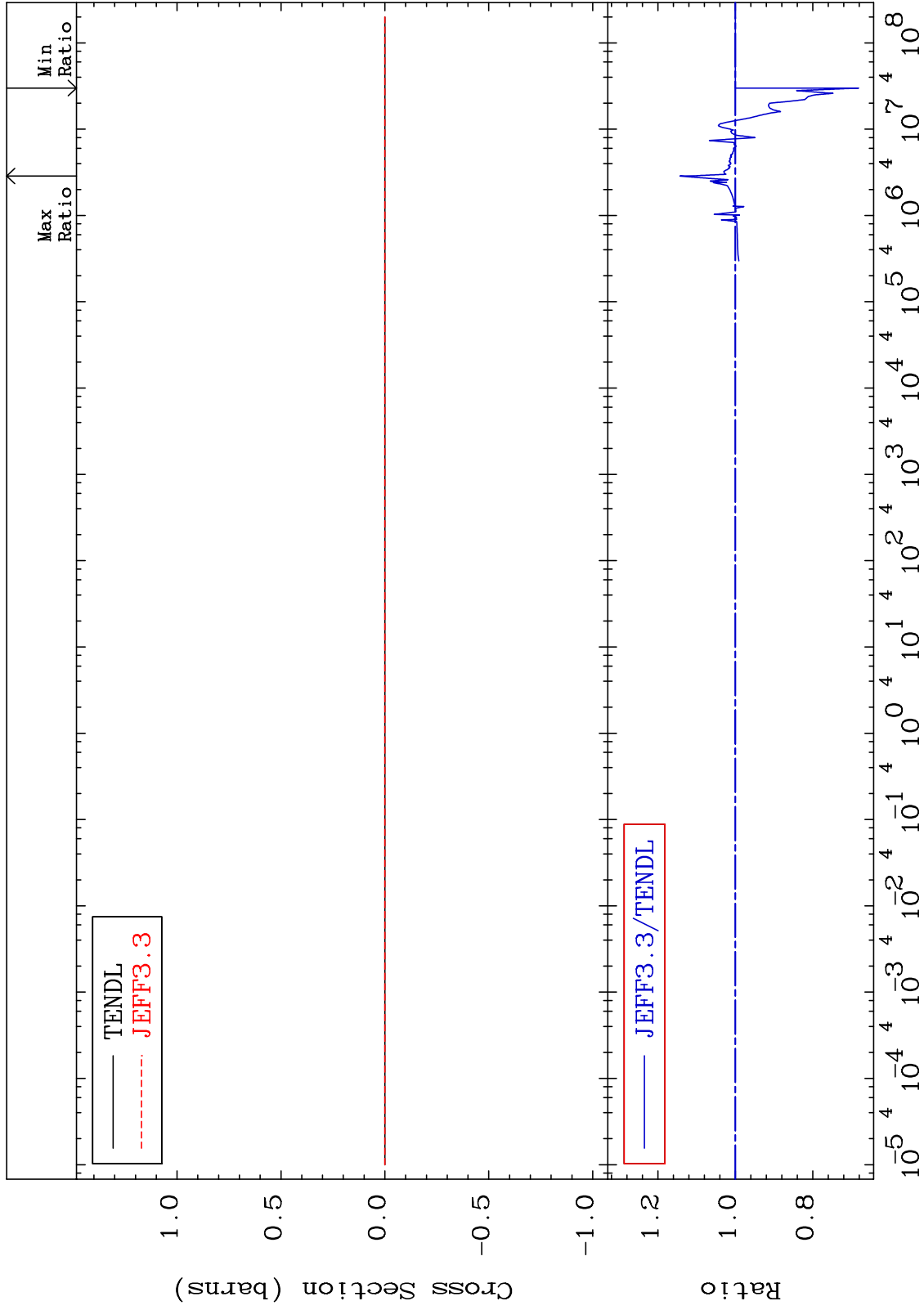
Incident Energy (eV)

78-Pt-190

MAT 7825

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

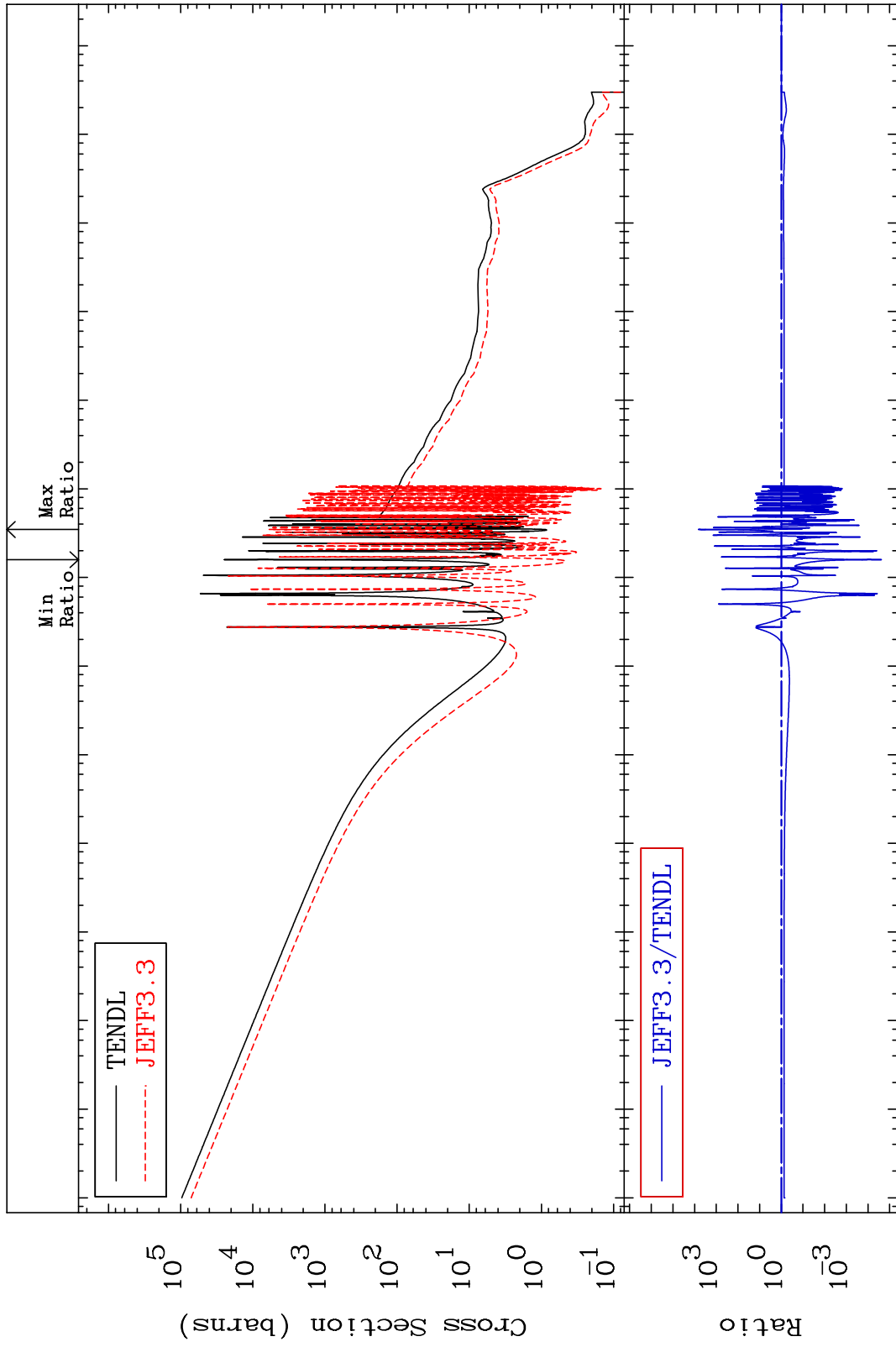
78-Pt-190  
-31.79 To 14.28 %



MAT 7825

Kerma capture (mt102)  
Cross Section

78-Pt-190  
-100.0 To 9999. %



70

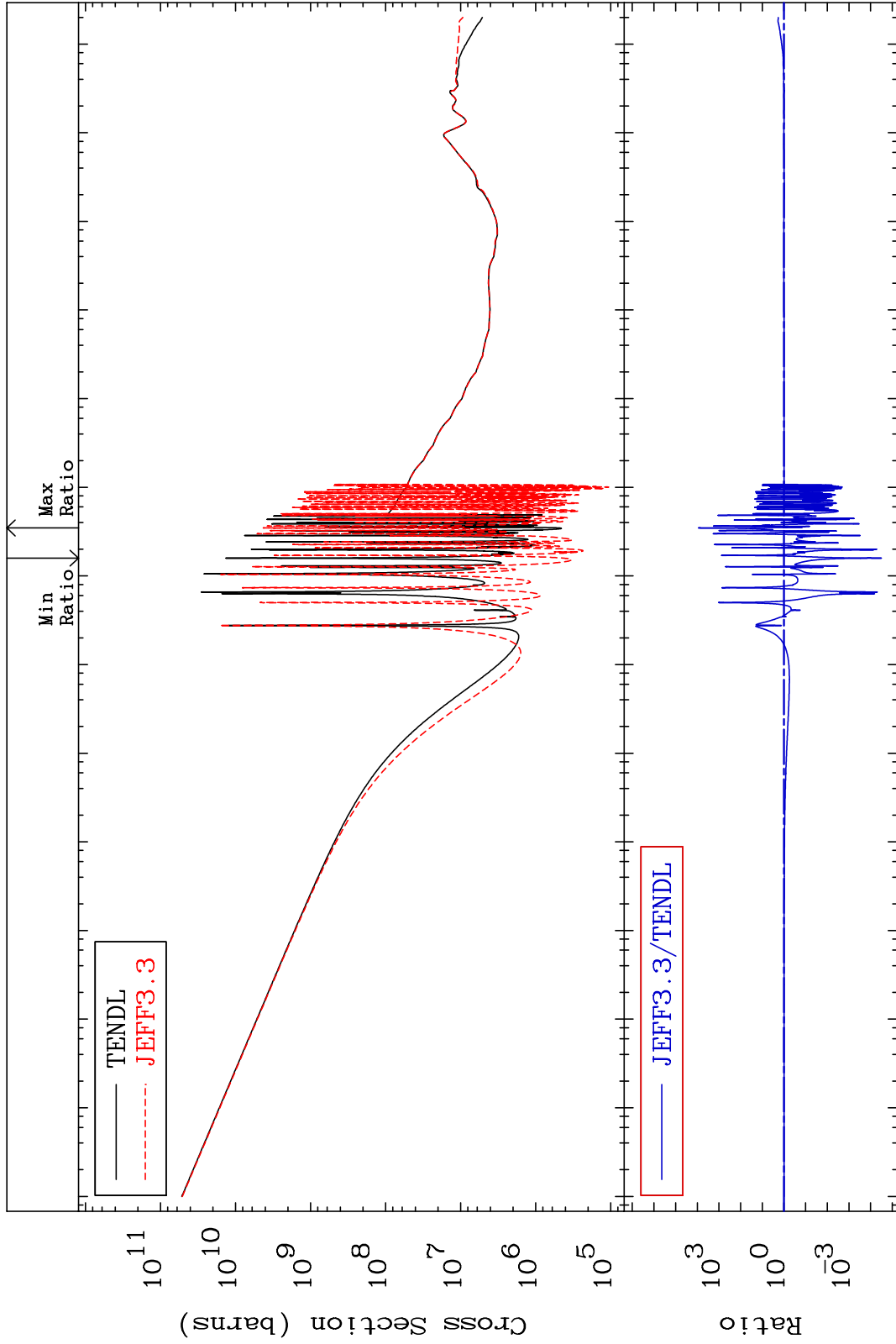
Incident Energy (eV)

78-Pt-190

MAT 7825

Total photon (eV-barns)  
Cross Section

78-Pt-190  
-100.0 To 9999. %



71

Incident Energy (eV)

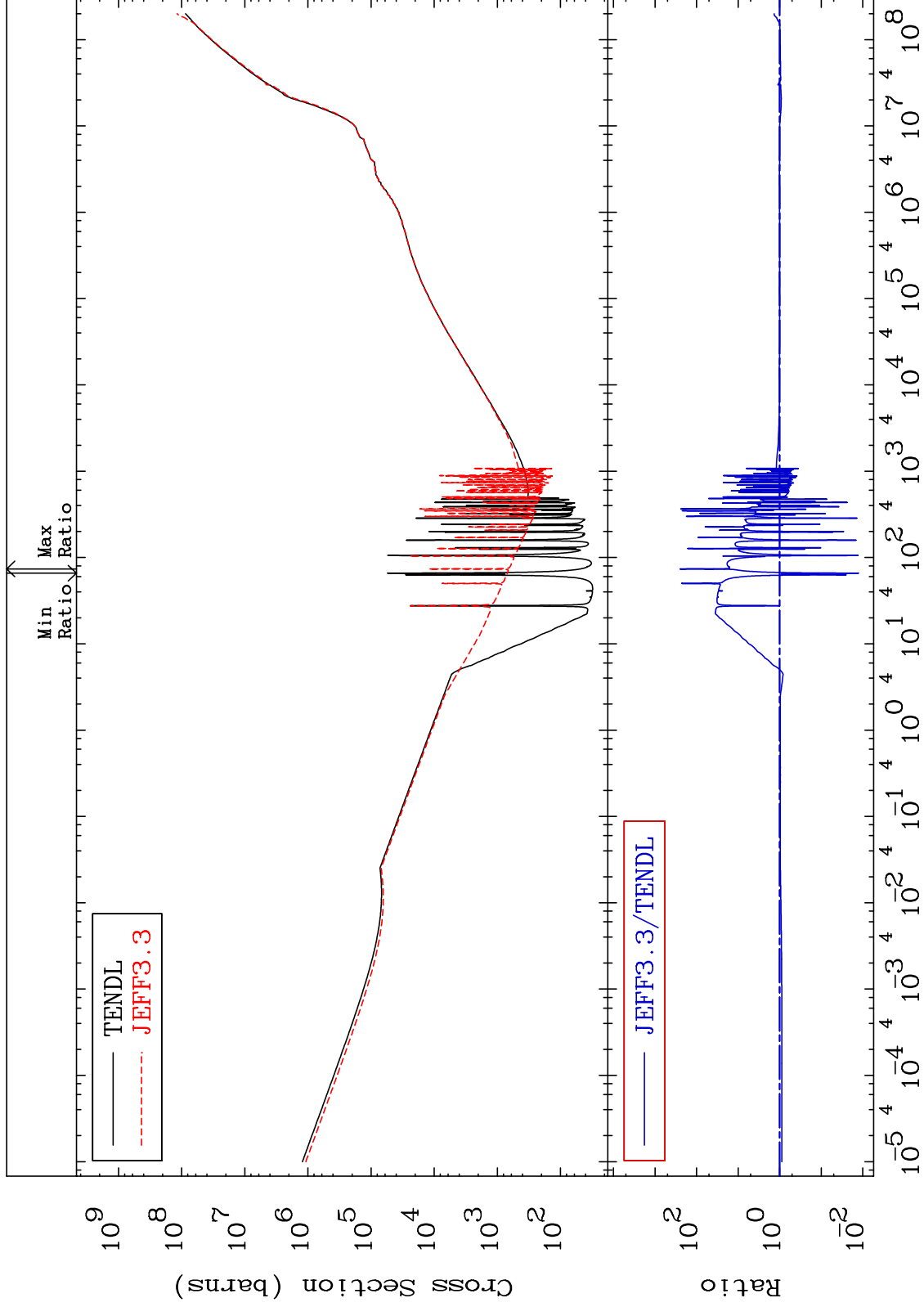
78-Pt-190



MAT 7825

Total kinematic kerma (high limit)  
Cross Section

78-Pt-190  
-98.73 To 9999. %



72

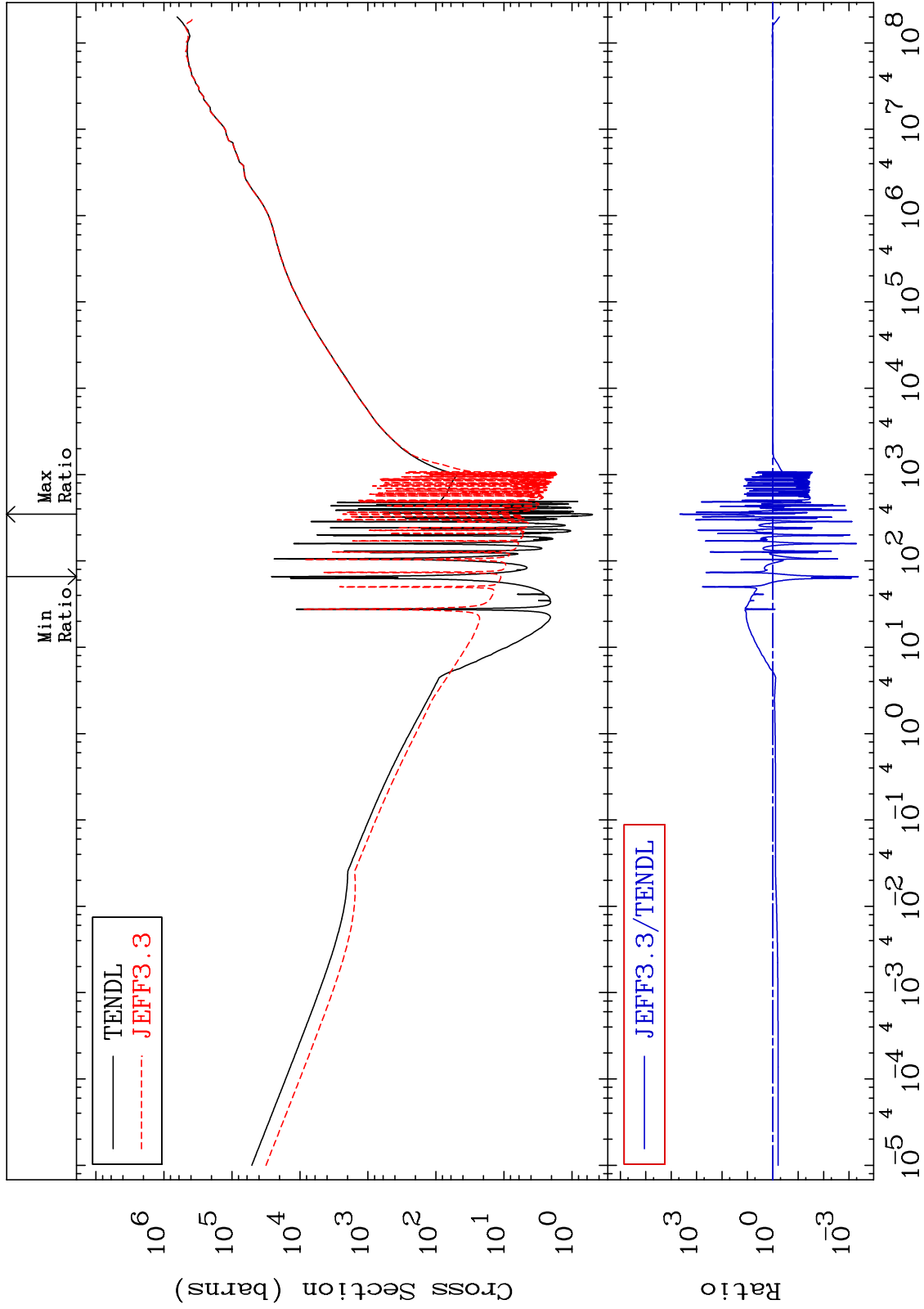
Incident Energy (eV)

78-Pt-190

MAT 7825

Dpa total (eV-barns)  
Cross Section

78-Pt-190  
-99.96 To 9999. %



73

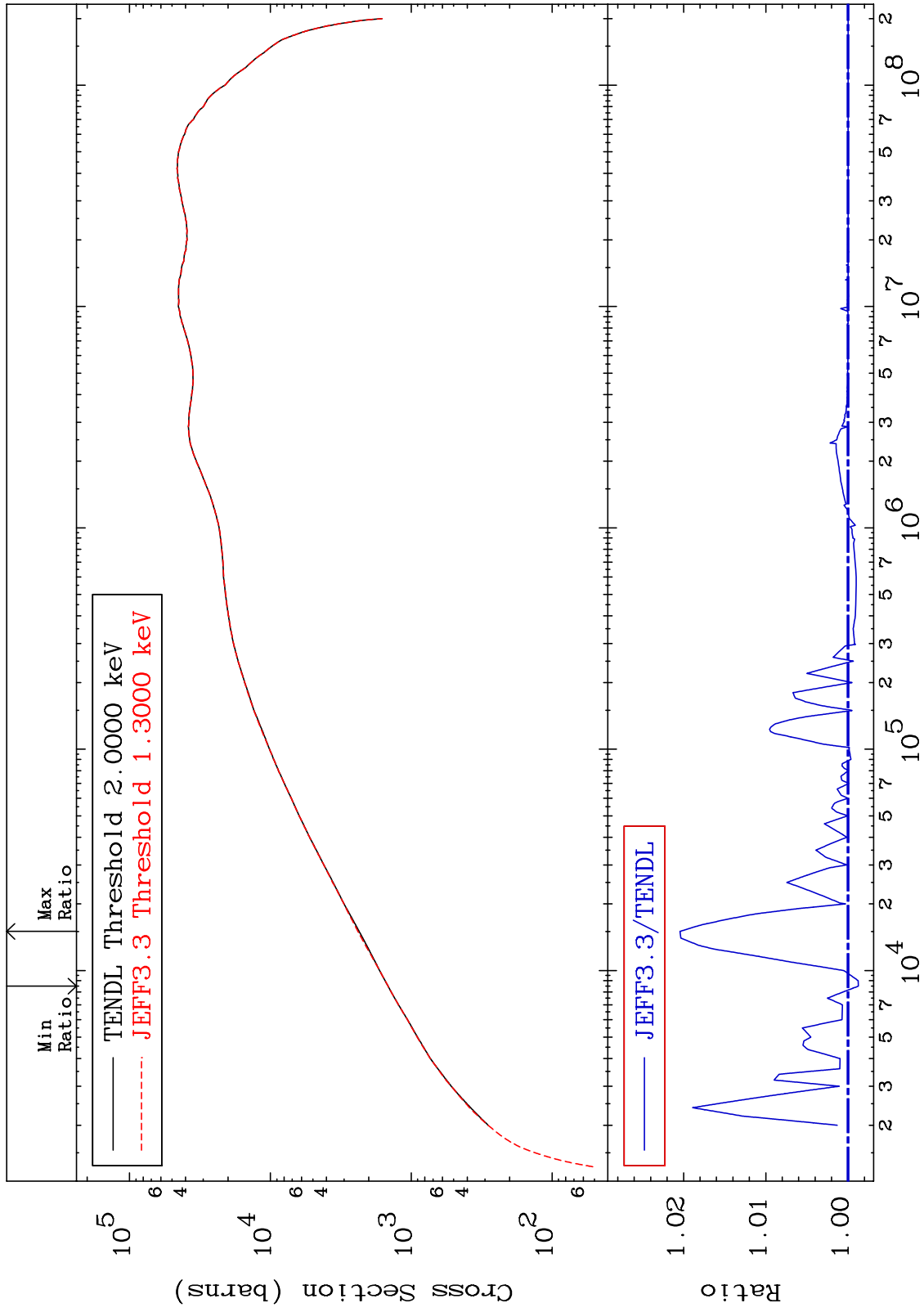
Incident Energy (eV)

78-Pt-190

MAT 7825

Dpa elastic (mt2)  
Cross Section

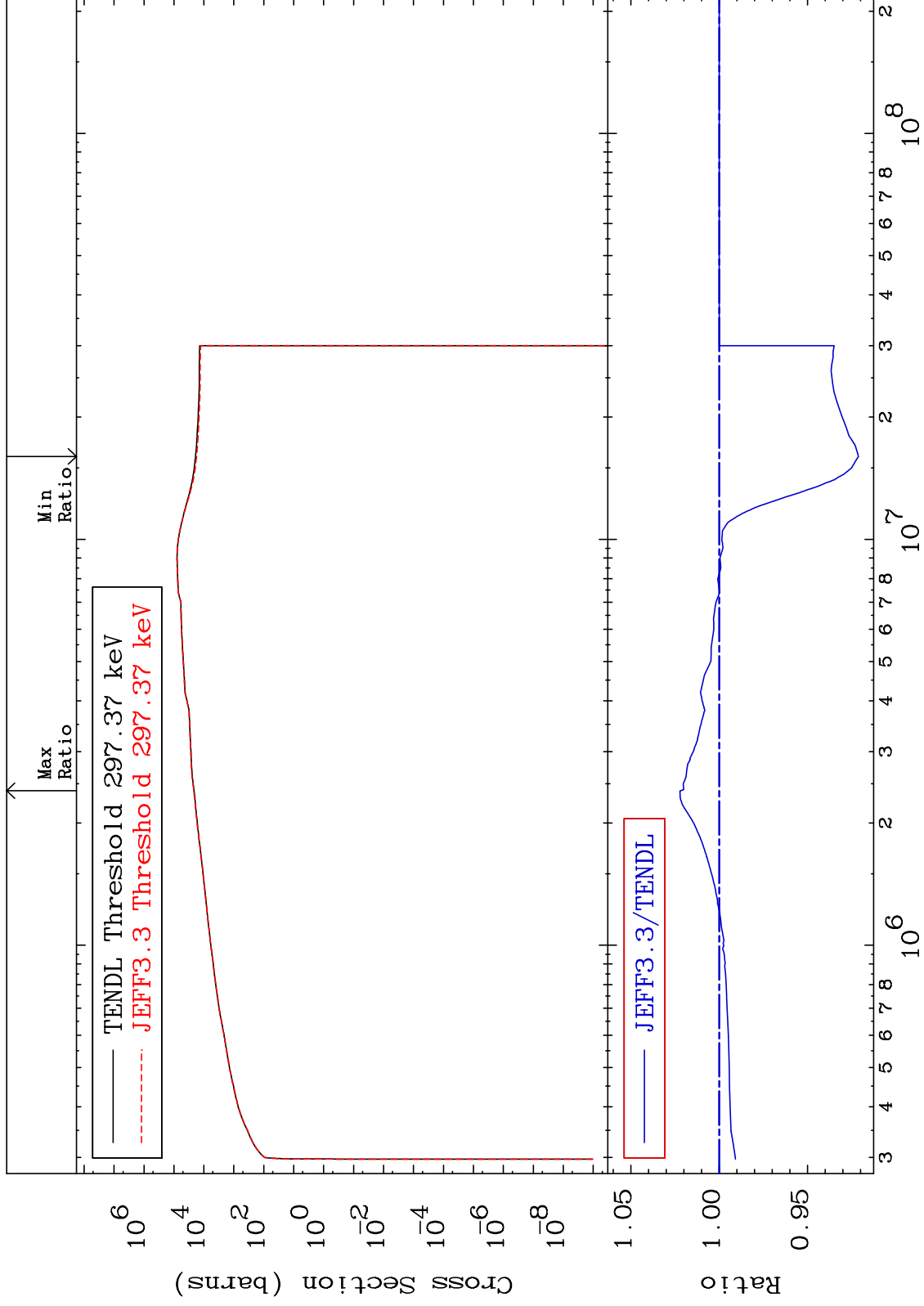
78-Pt-190  
-0.126 To 2.043 %



MAT 7825

Dpa inelastic (mt51-91)  
Cross Section

78-Pt-190  
-7.876 To 2.216 %



75

Incident Energy (eV)

78-Pt-190

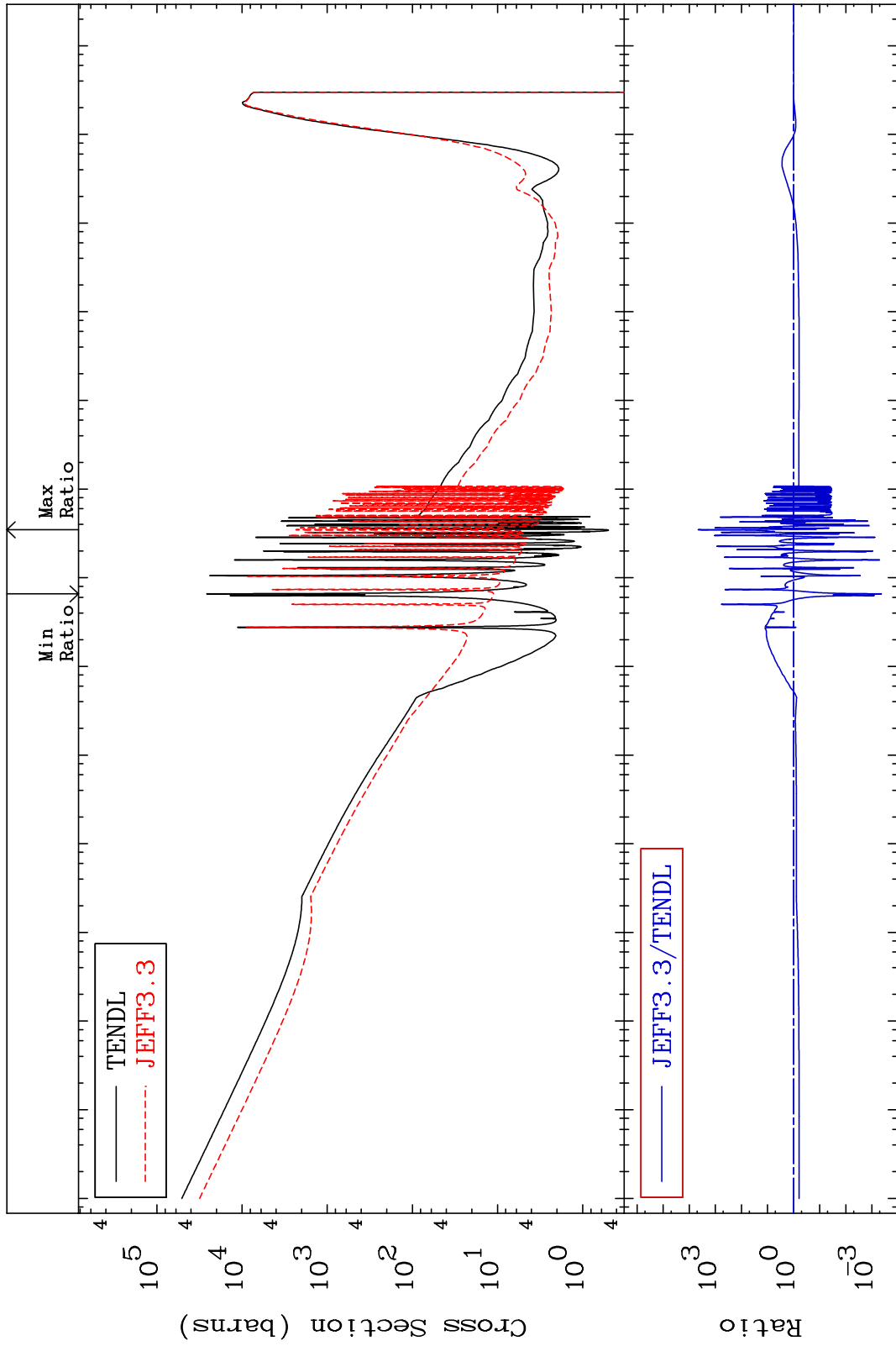
MAT 7825

Dpa disappearance (mt102 -120)

78-Pt-190

-99.96 To 9999. %

Cross Section



Incident Energy (eV)

78-Pt-190

76

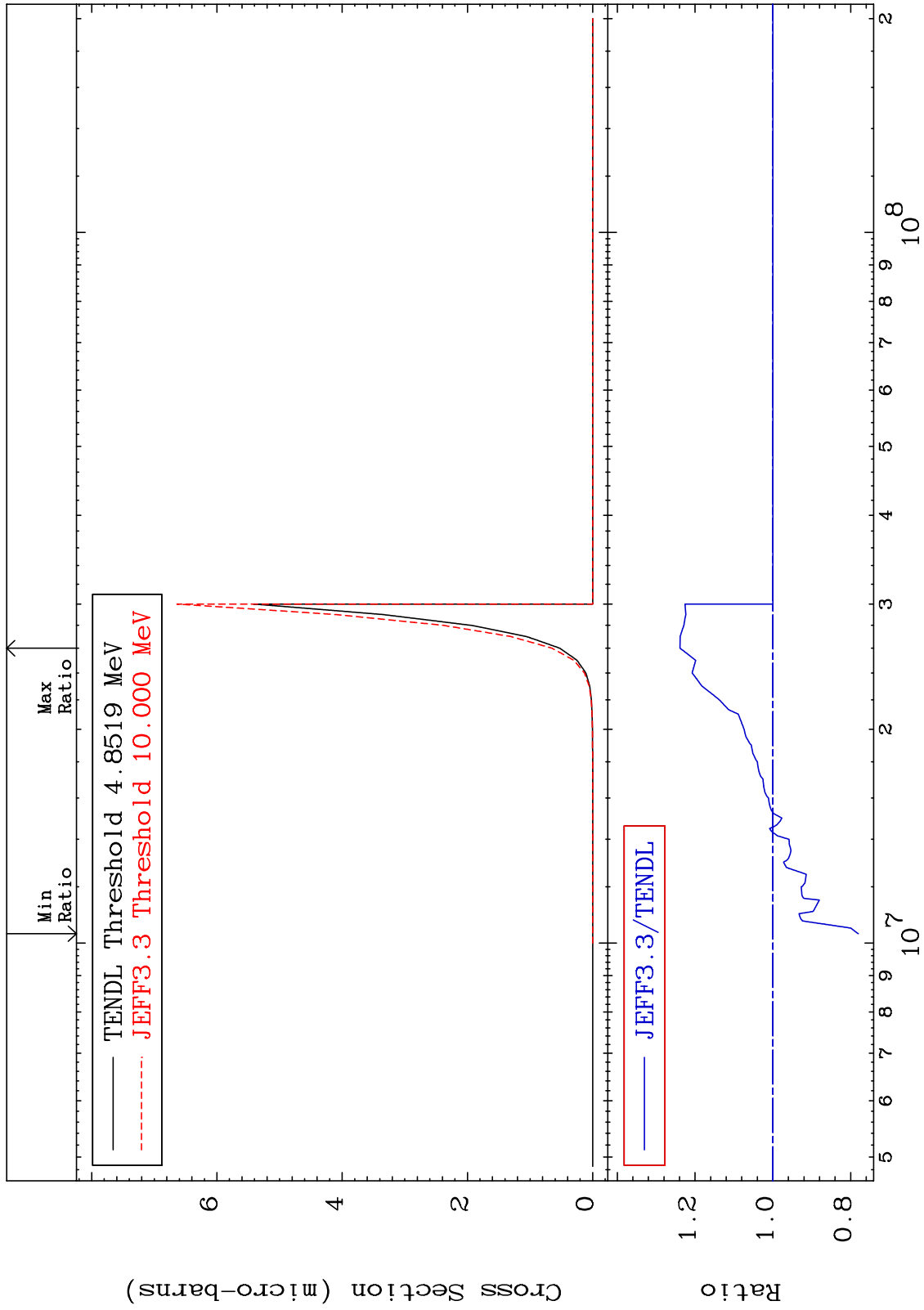
MAT 7825

(n,2p) : 76-Os-189g

78-Pt-190

Radionuclide Production Cross Section

-21.99 To 23.87 %



77

Incident Energy (eV)

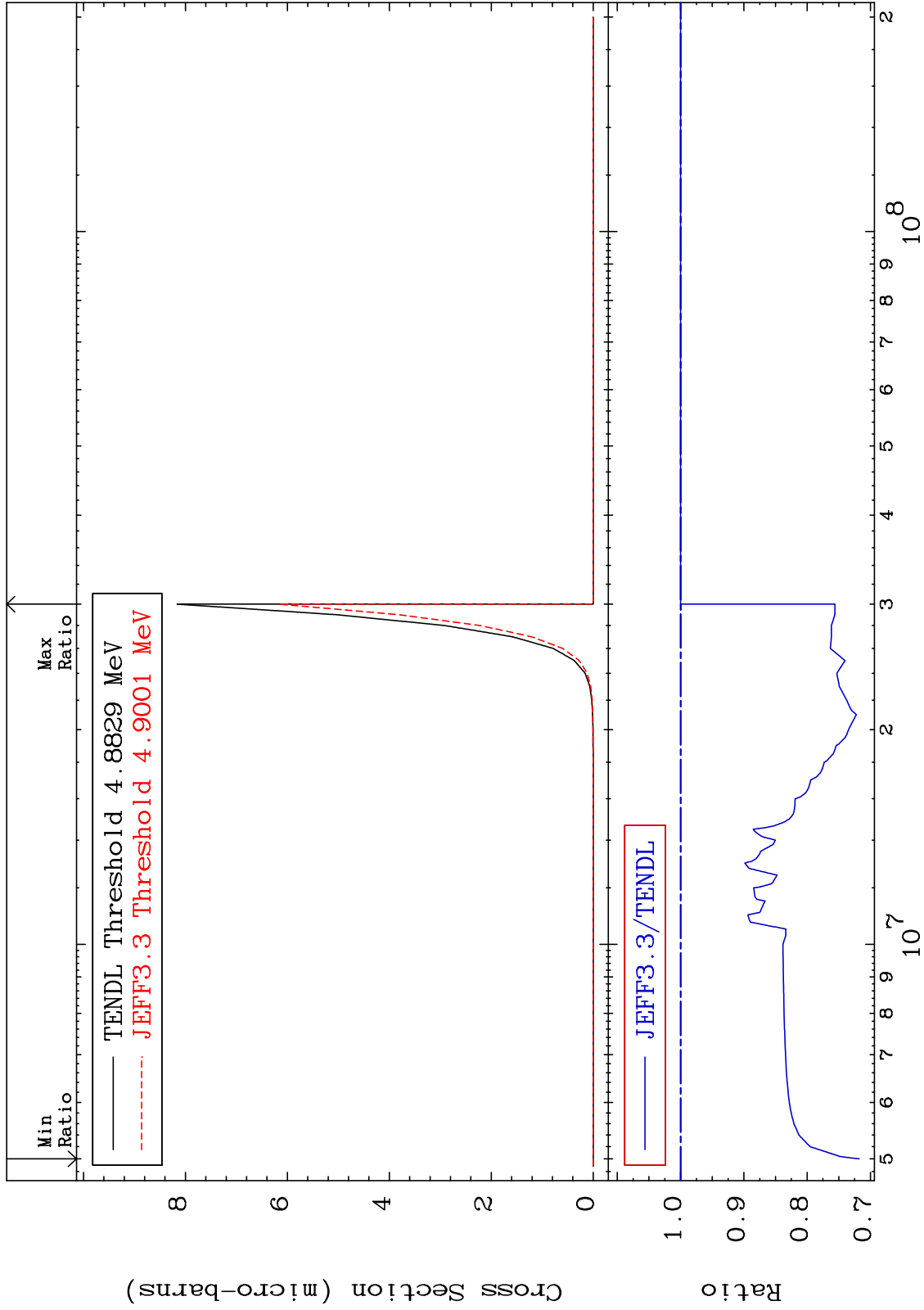
78-Pt-190

MAT 7825

(n,2p): 76-Os-189m1

78-Pt-190

Radionuclide Production Cross Section -28.22 To 0.000 %



MAT 7825

(n,2p): 76-Os-189m1

78-Pt-190

Radionuclide Production Cross Section

-28.22 To 0.000 %

