

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

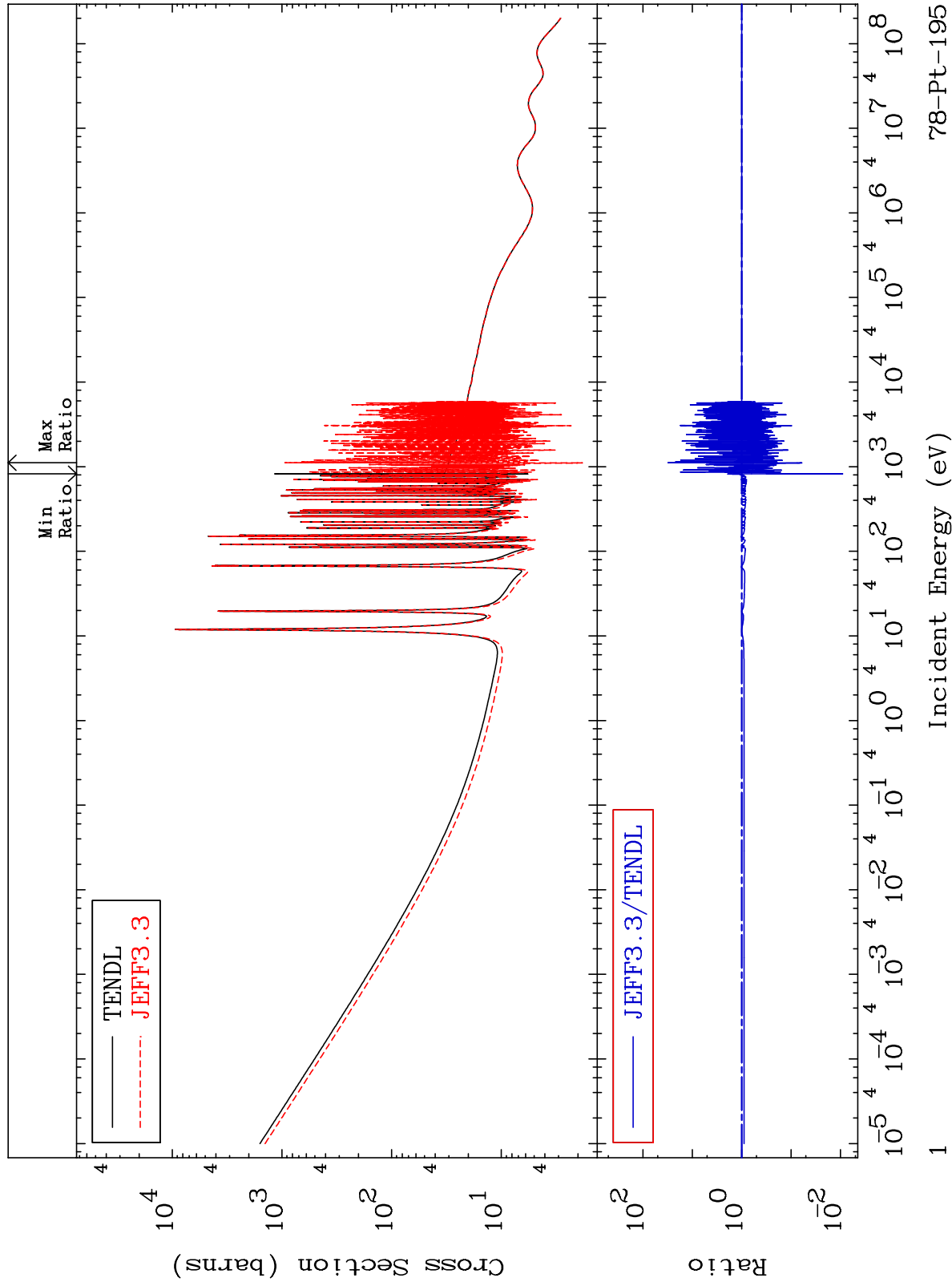
MAT 7840

Total

78-Pt-195

Cross Section

-99.11 To 2993. %



78-Pt-195

Incident Energy (eV)

1

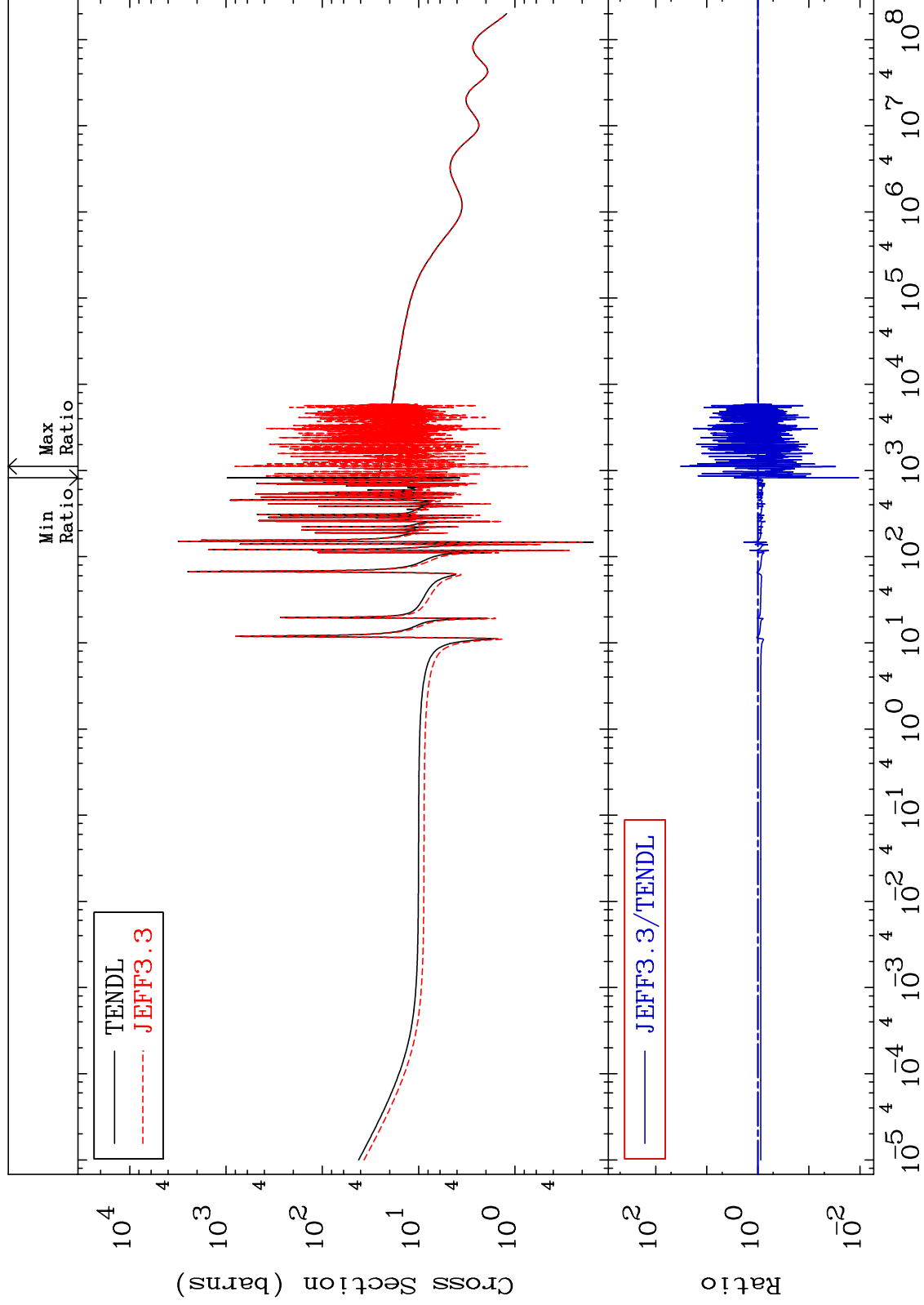
MAT 7840

Elastic

78-Pt-195

Cross Section

-98.94 To 3174. %



2

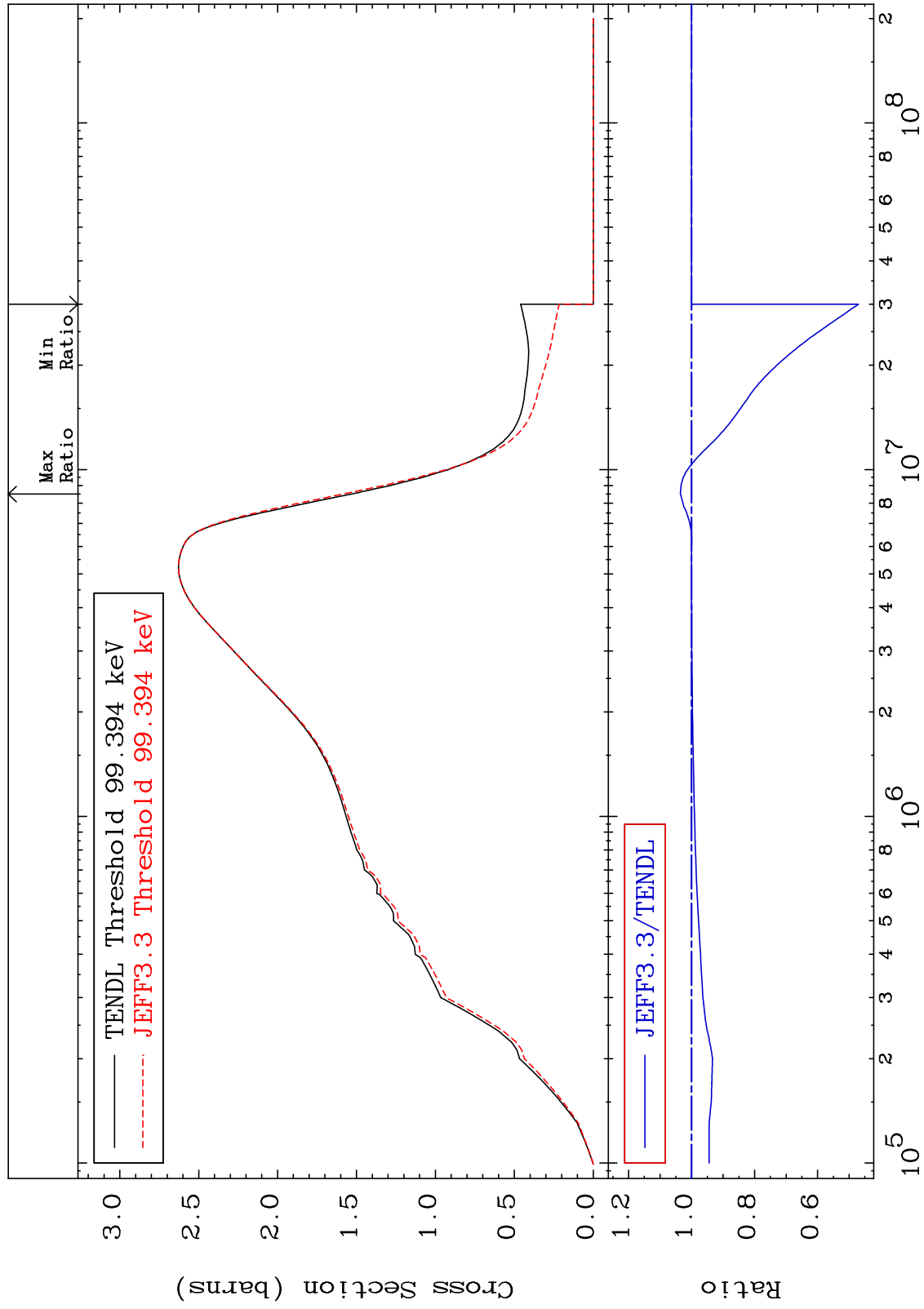
Incident Energy (eV)

78-Pt-195

MAT 7840

Inelastic  
Cross Section

78-Pt-195  
-52.98 To 3.533 %



Incident Energy (eV)

78-Pt-195

3

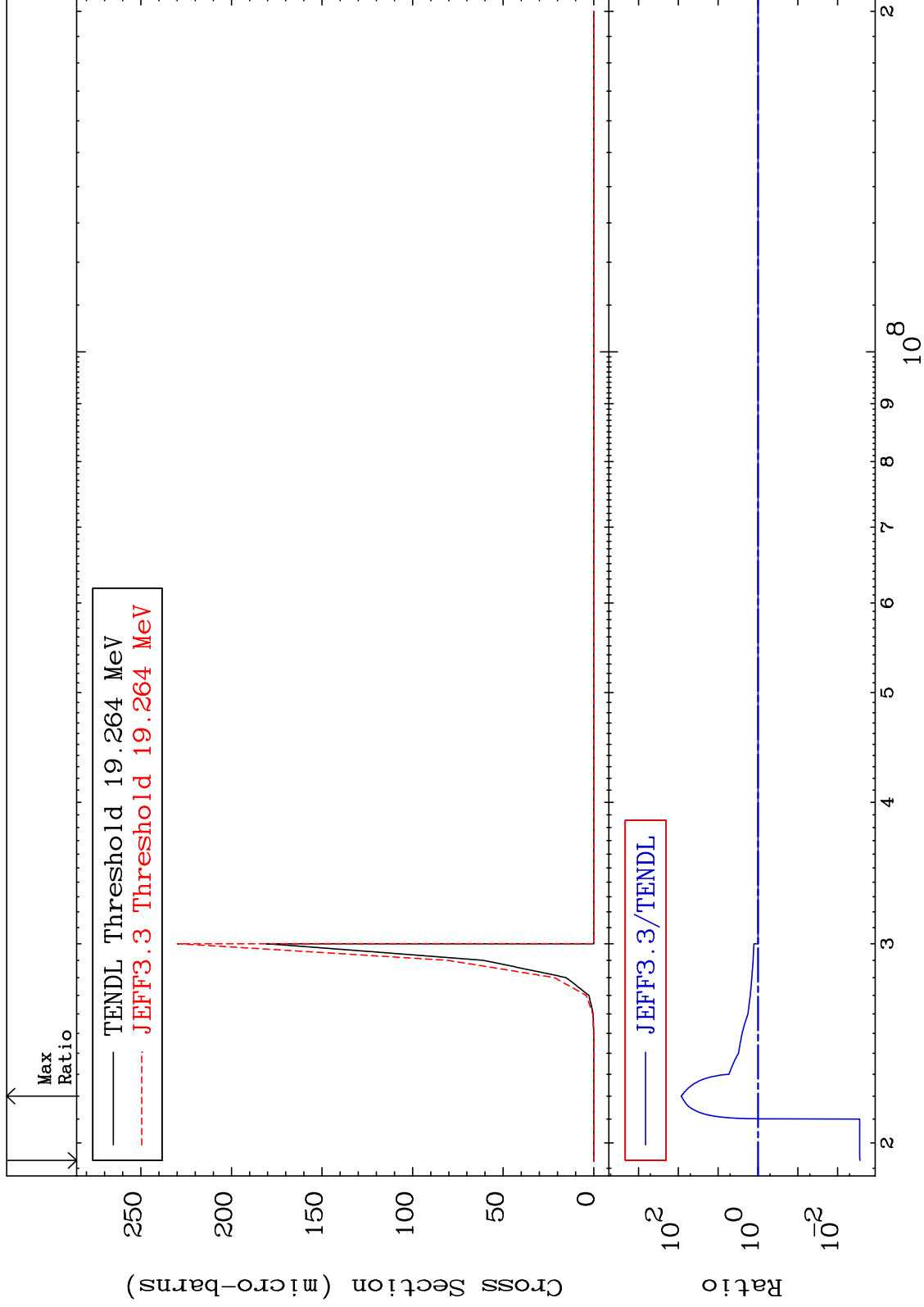
MAT 7840

(n,2n) d

78-Pt-195

Cross Section

-99.72 To 8349. %



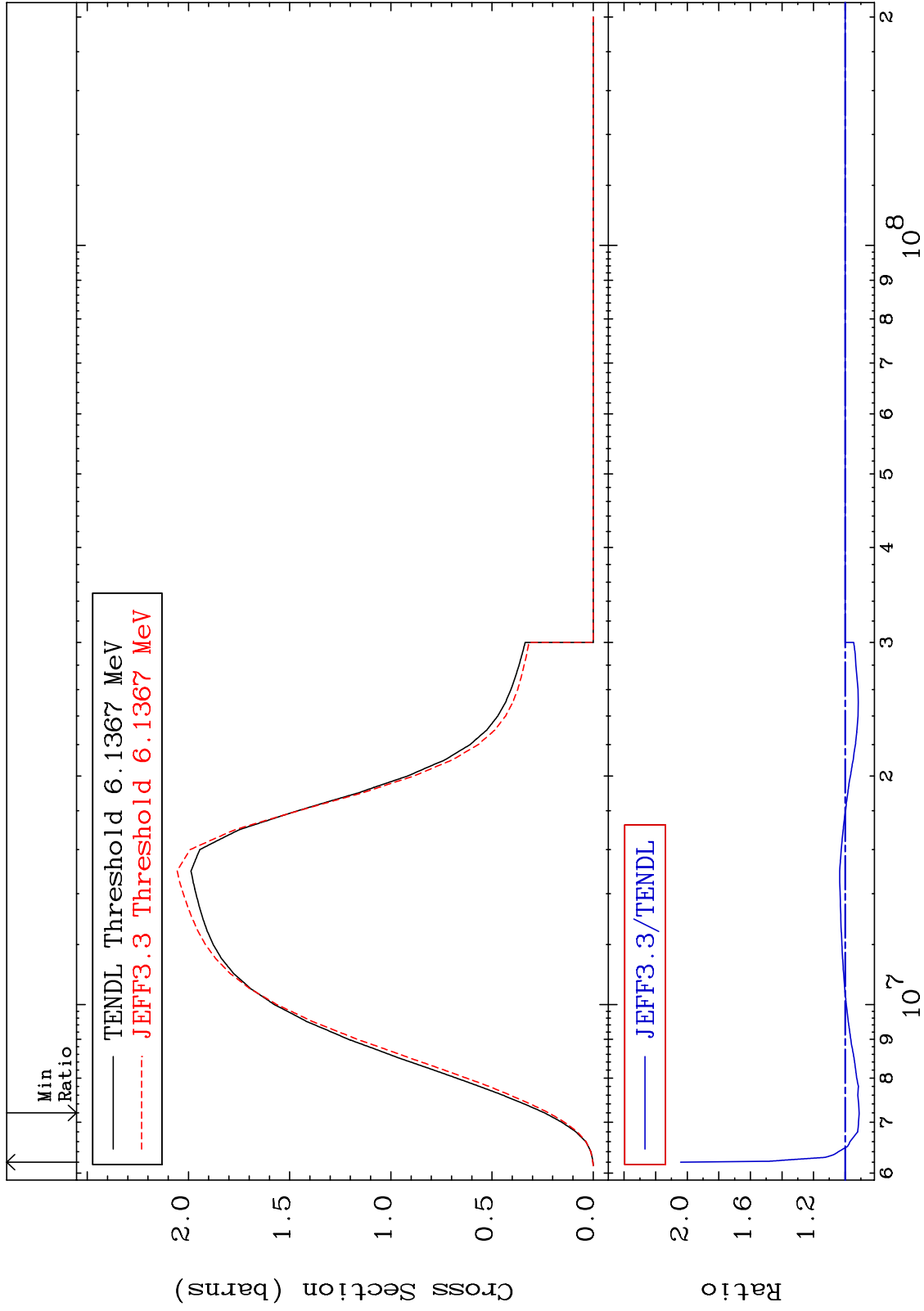
MAT 7840

(n, 2n)

78-Pt-195

Cross Section

-8.920 To 104.2 %



Incident Energy (eV)

78-Pt-195

5

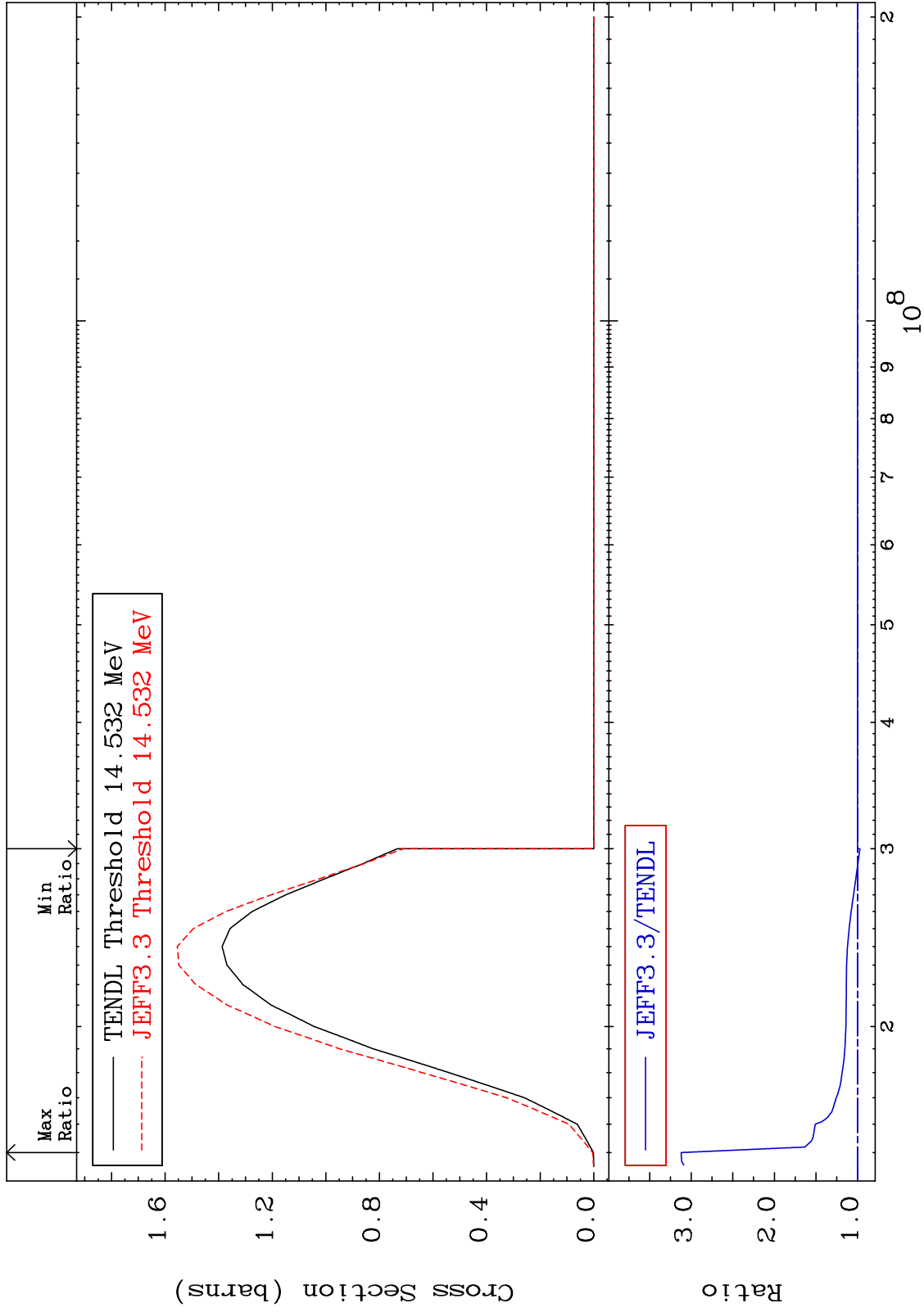
MAT 7840

(n, 3n)

78-Pt-195

Cross Section

-2.911 To 212.0 %



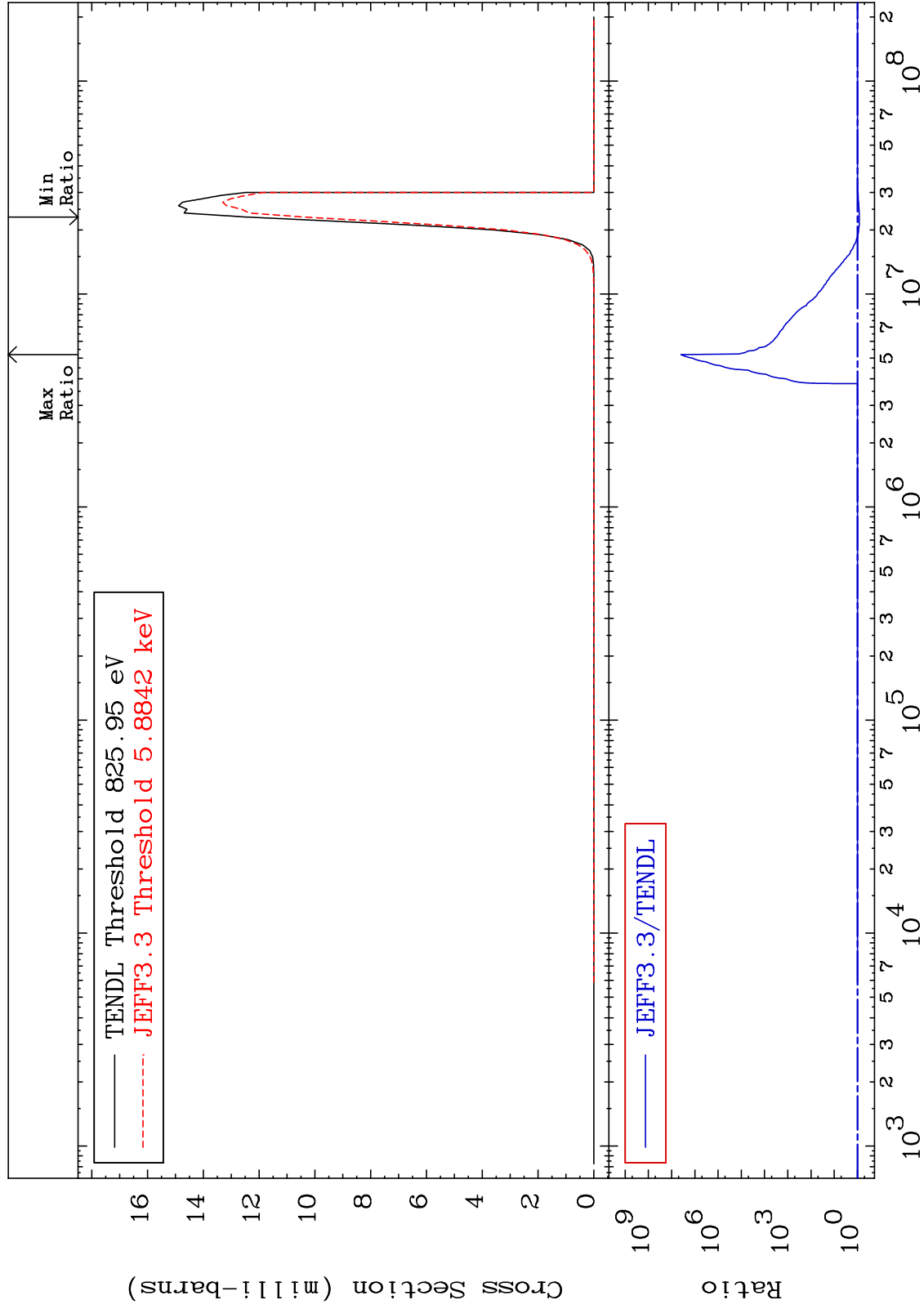
MAT 7840

(n, n')  $\alpha$

Cross Section

78-Pt-195

-16.54 To 9999. %



7

Incident Energy (eV)

78-Pt-195



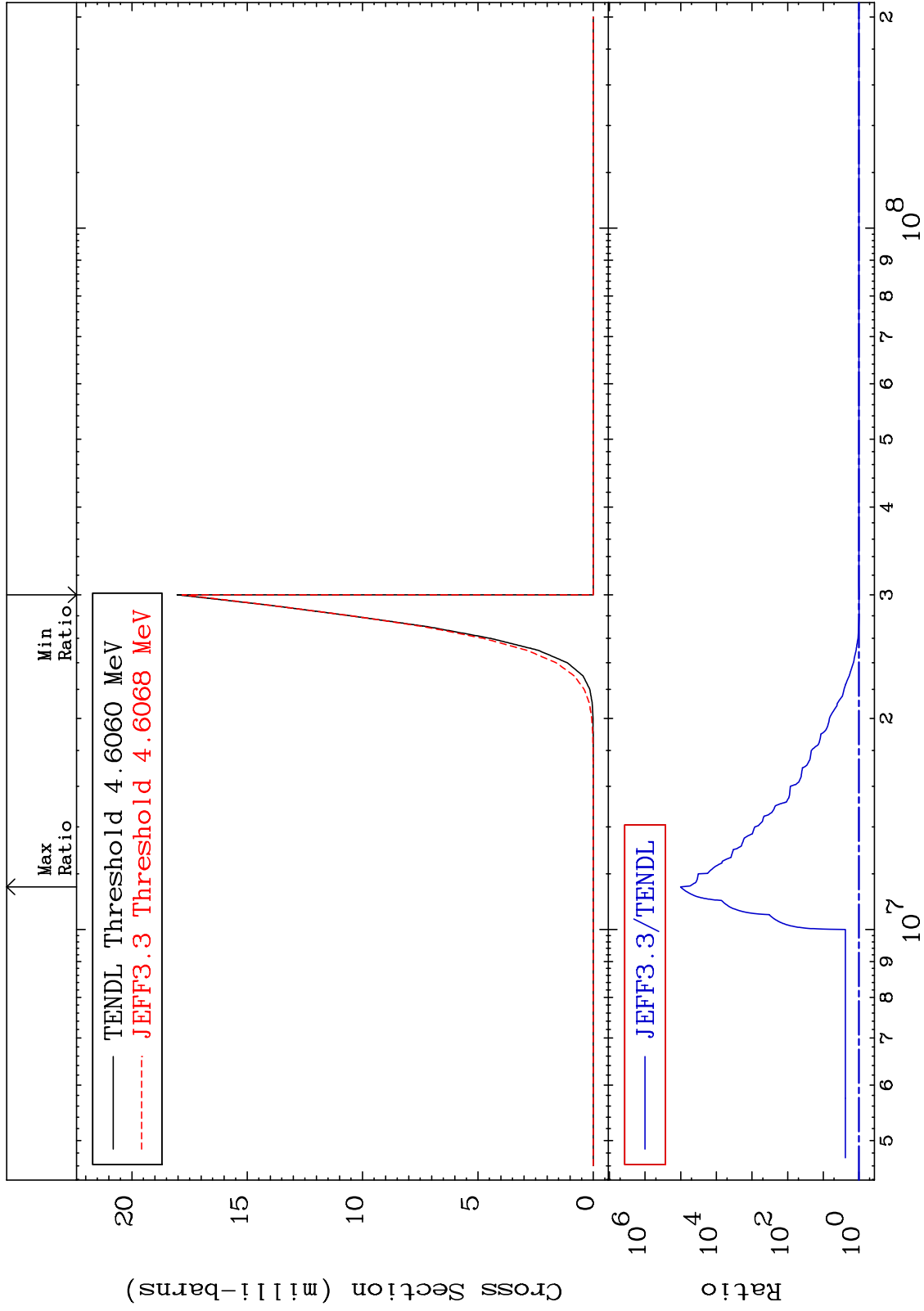
MAT 7840

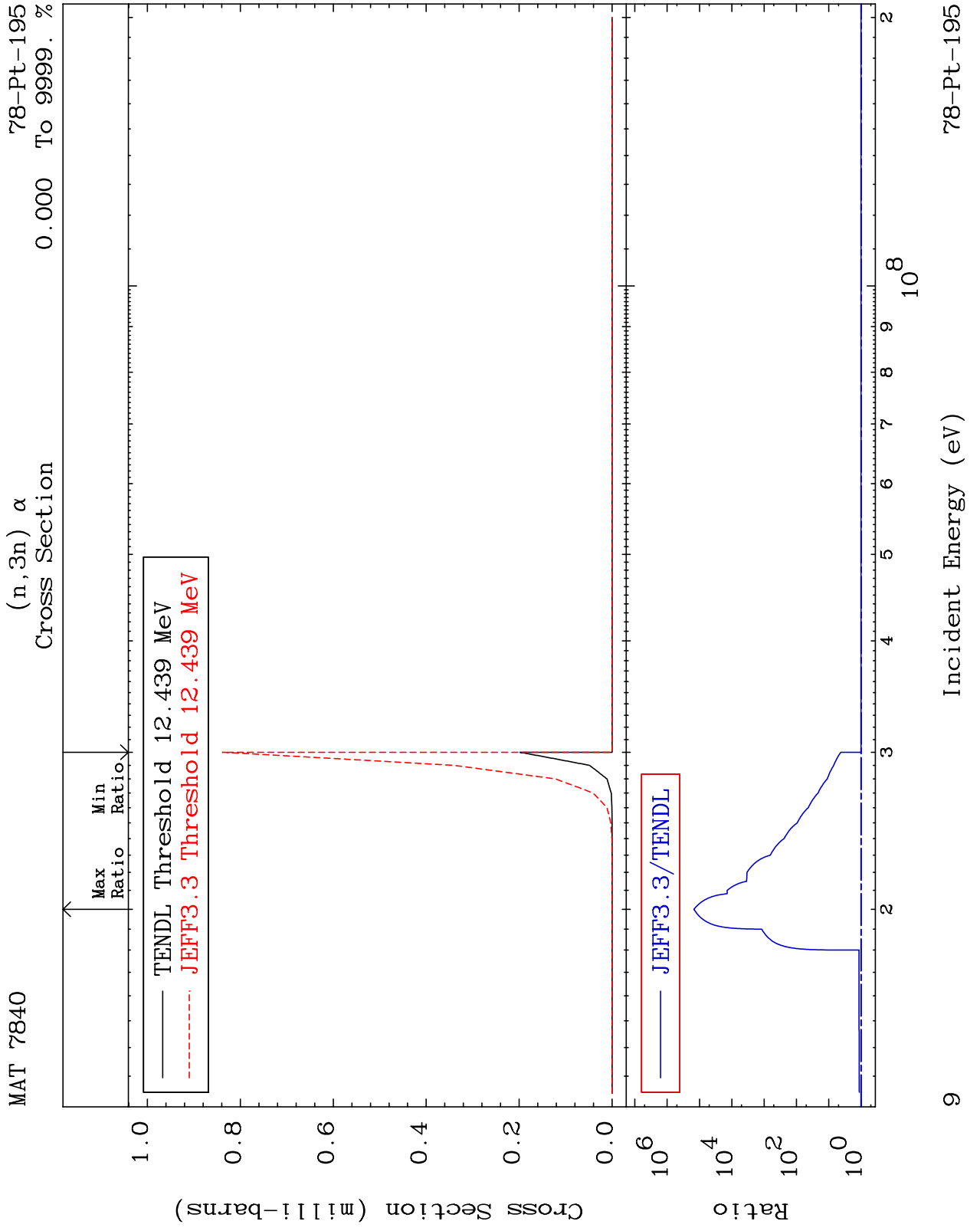
(n,2n)  $\alpha$

78-Pt-195

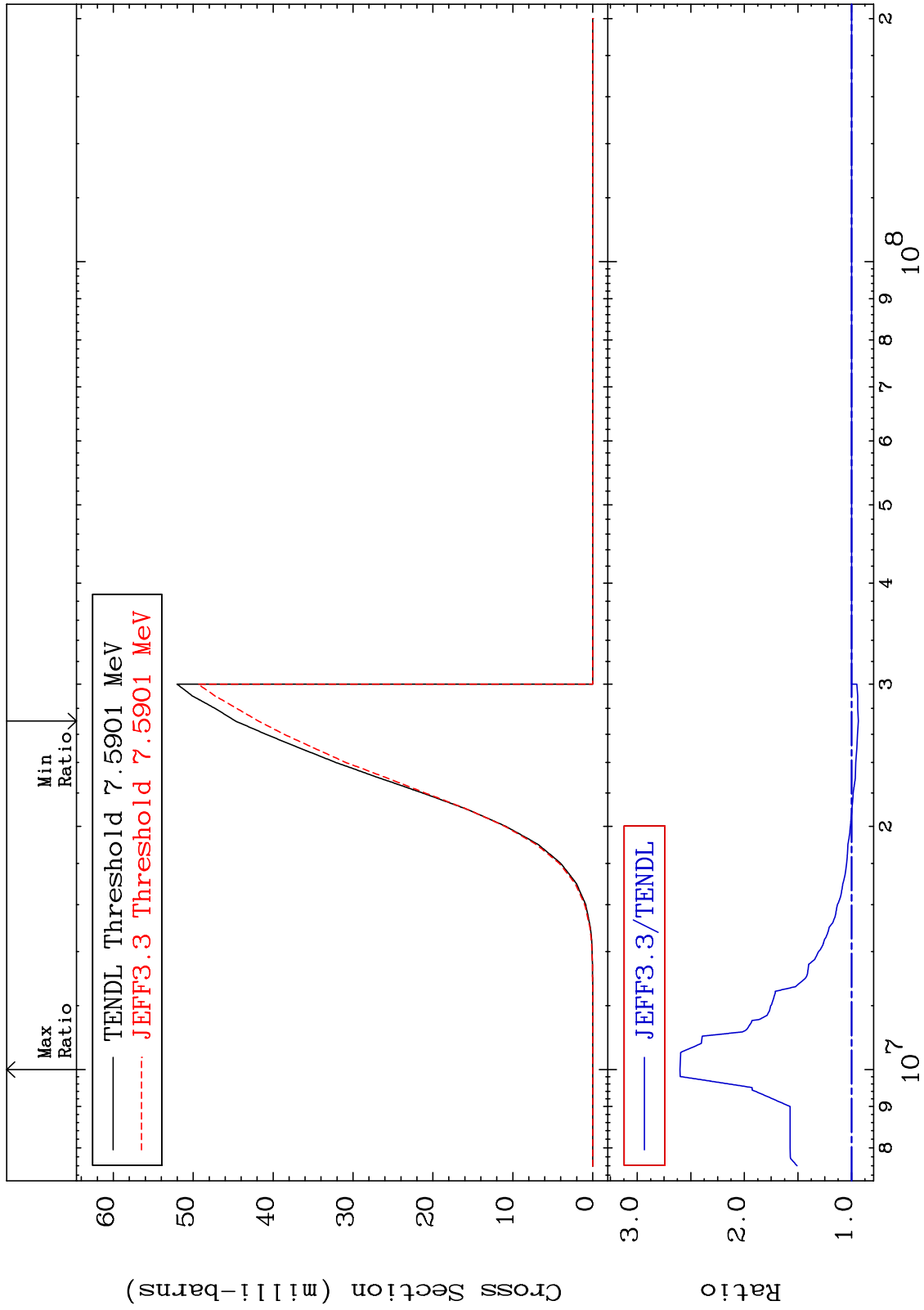
-1.274 To 9999. %

Cross Section





MAT 7840 (n,n') p 78-Pt-195  
Cross Section -6.431 To 160.1 %



78-Pt-195

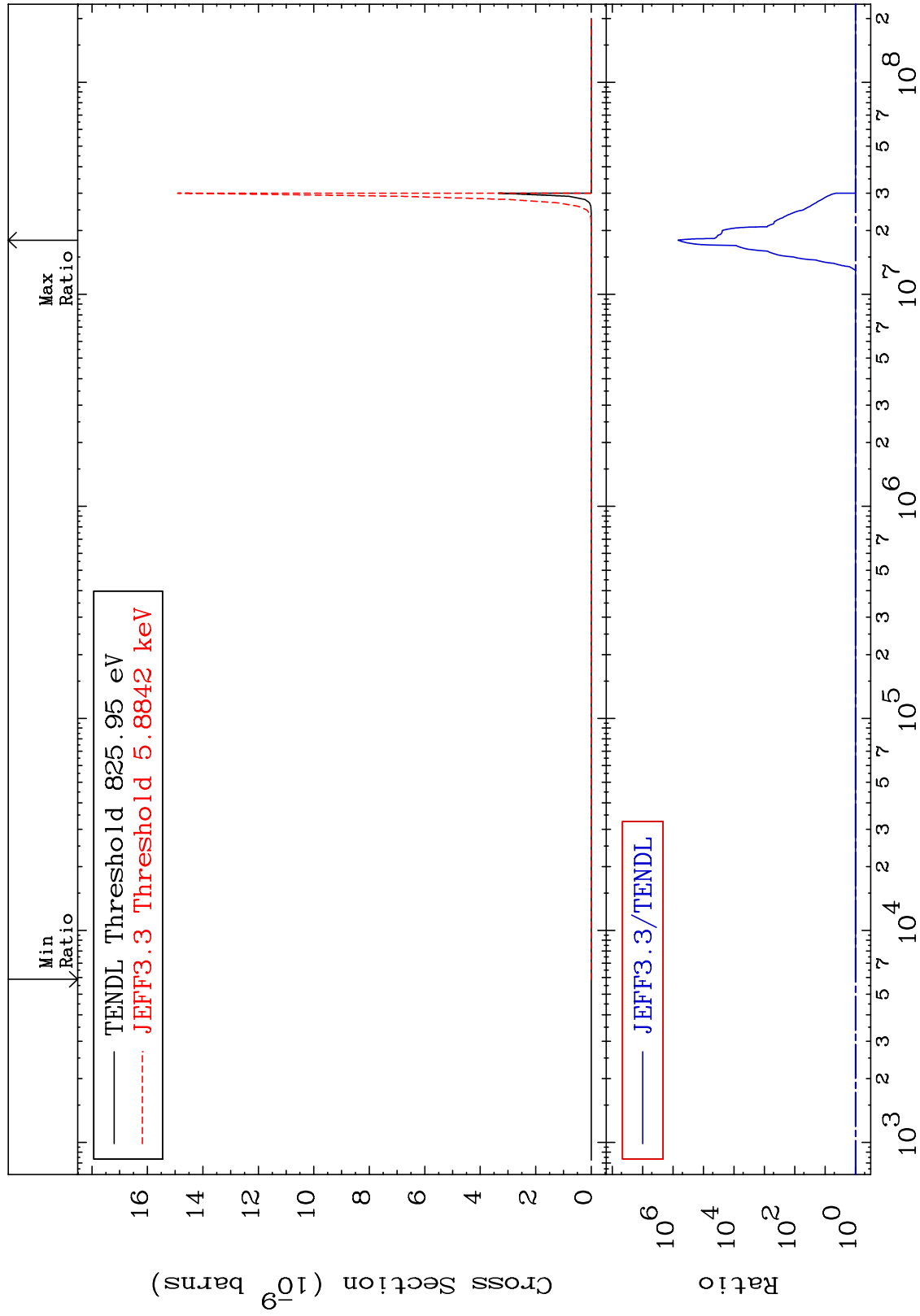
MAT 7840

(n, n')  $2\alpha$

Cross Section

78-Pt-195

To 9999. %



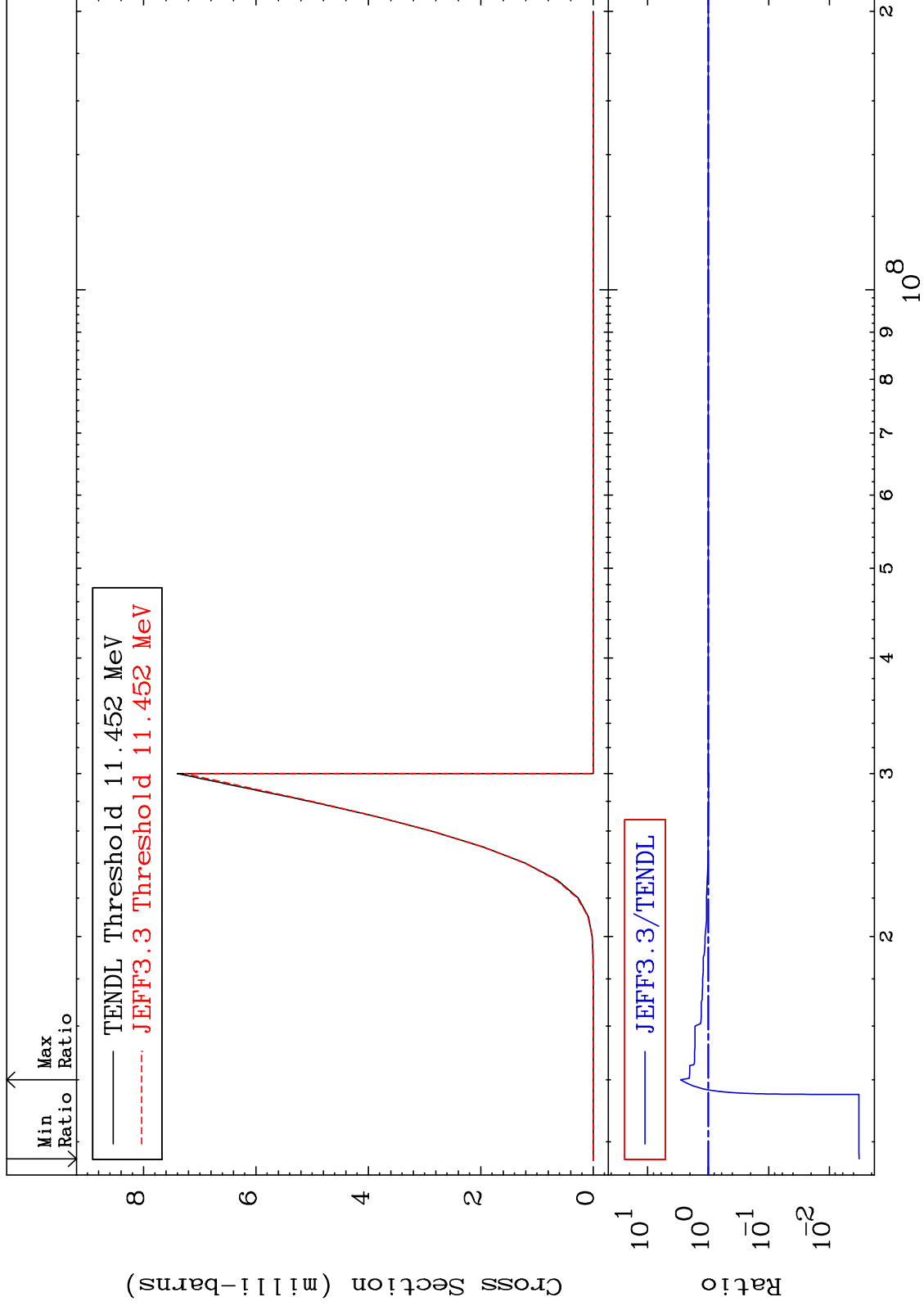
MAT 7840

(n, n') d

78-Pt-195

Cross Section

-99.68 To 185.8 %



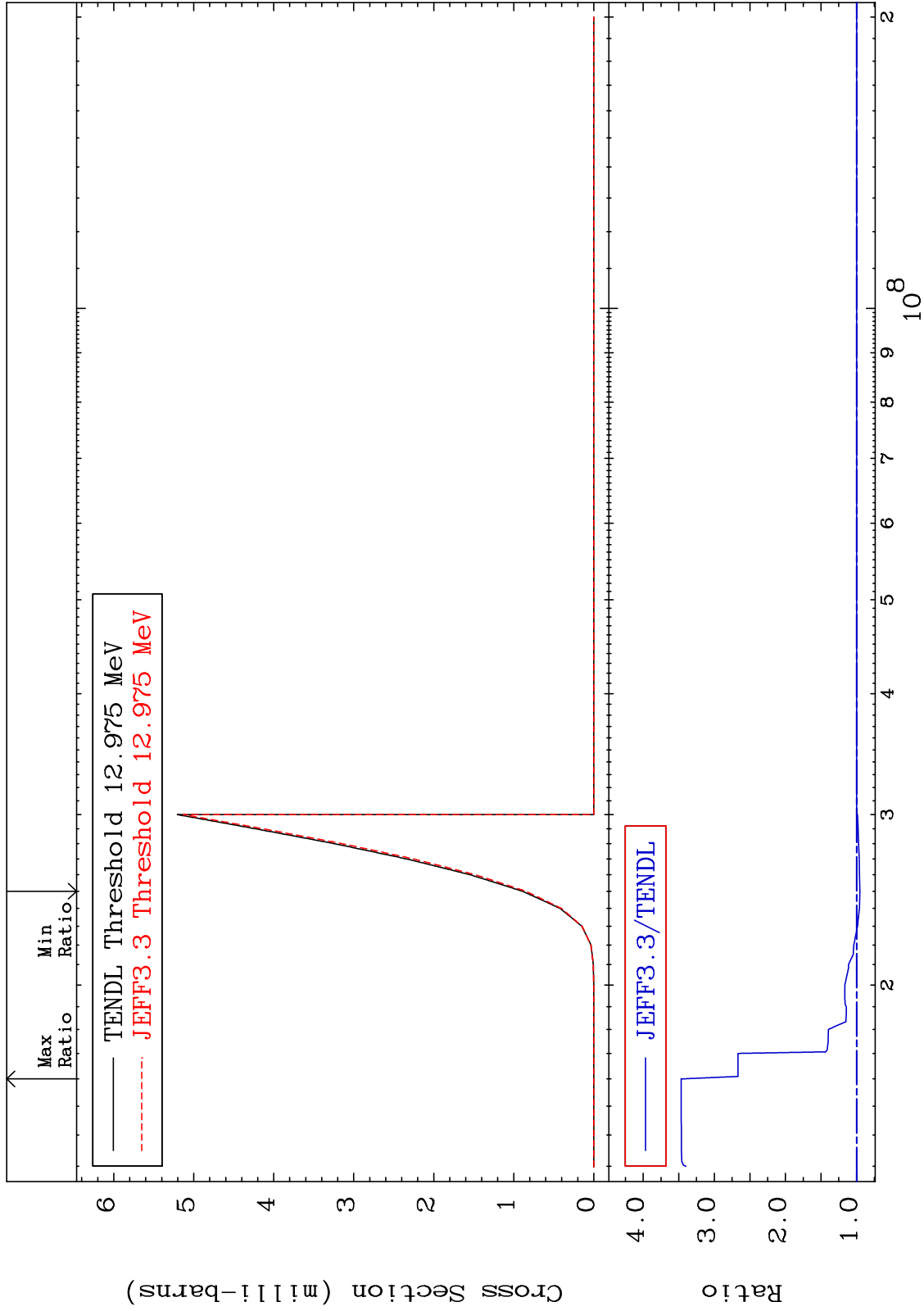
MAT 7840

(n, n') t

78-Pt-195

Cross Section

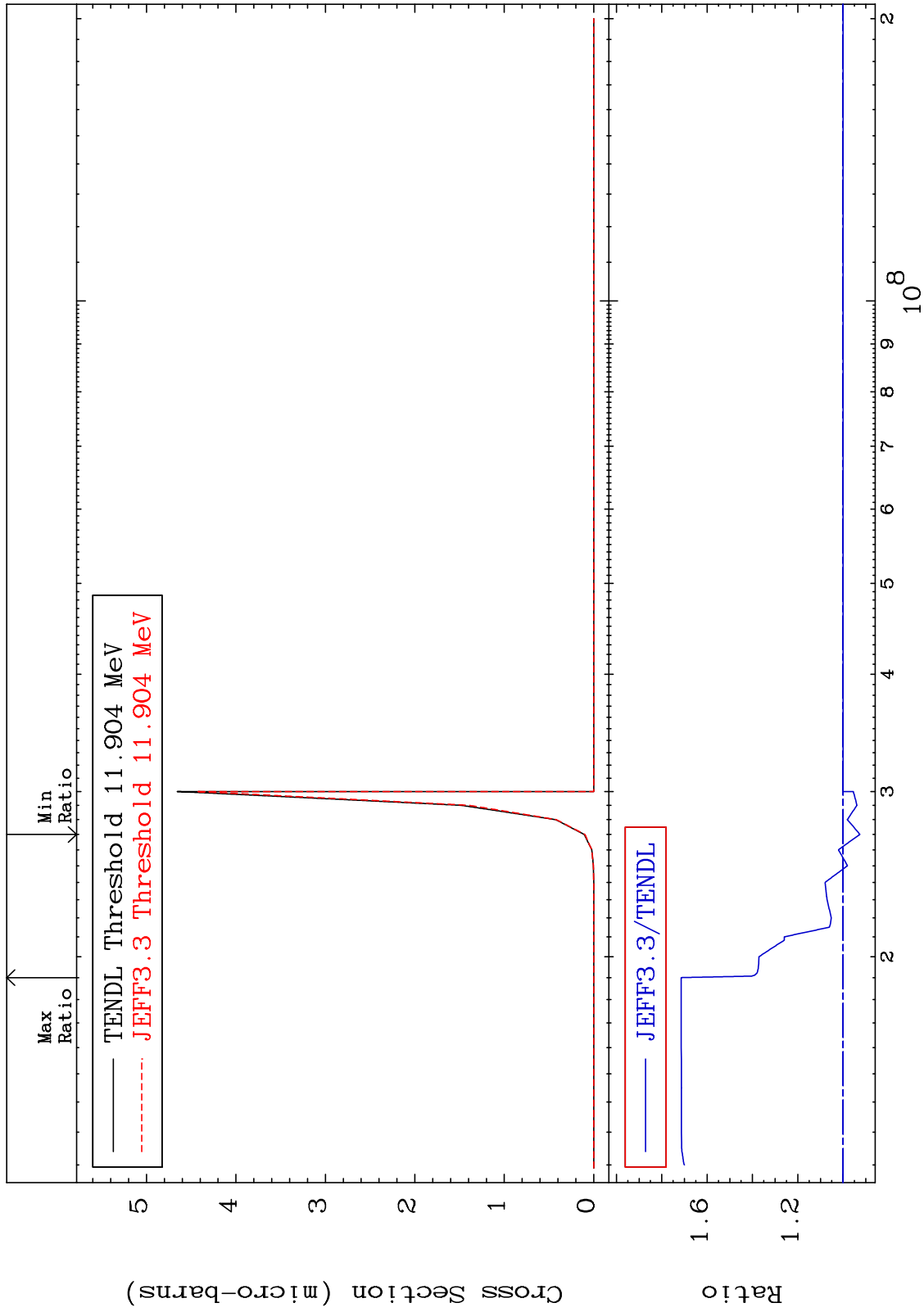
-4.744 To 246.5 %



MAT 7840

(n, n') He-3  
Cross Section

78-Pt-195  
-7.410 To 71.42 %



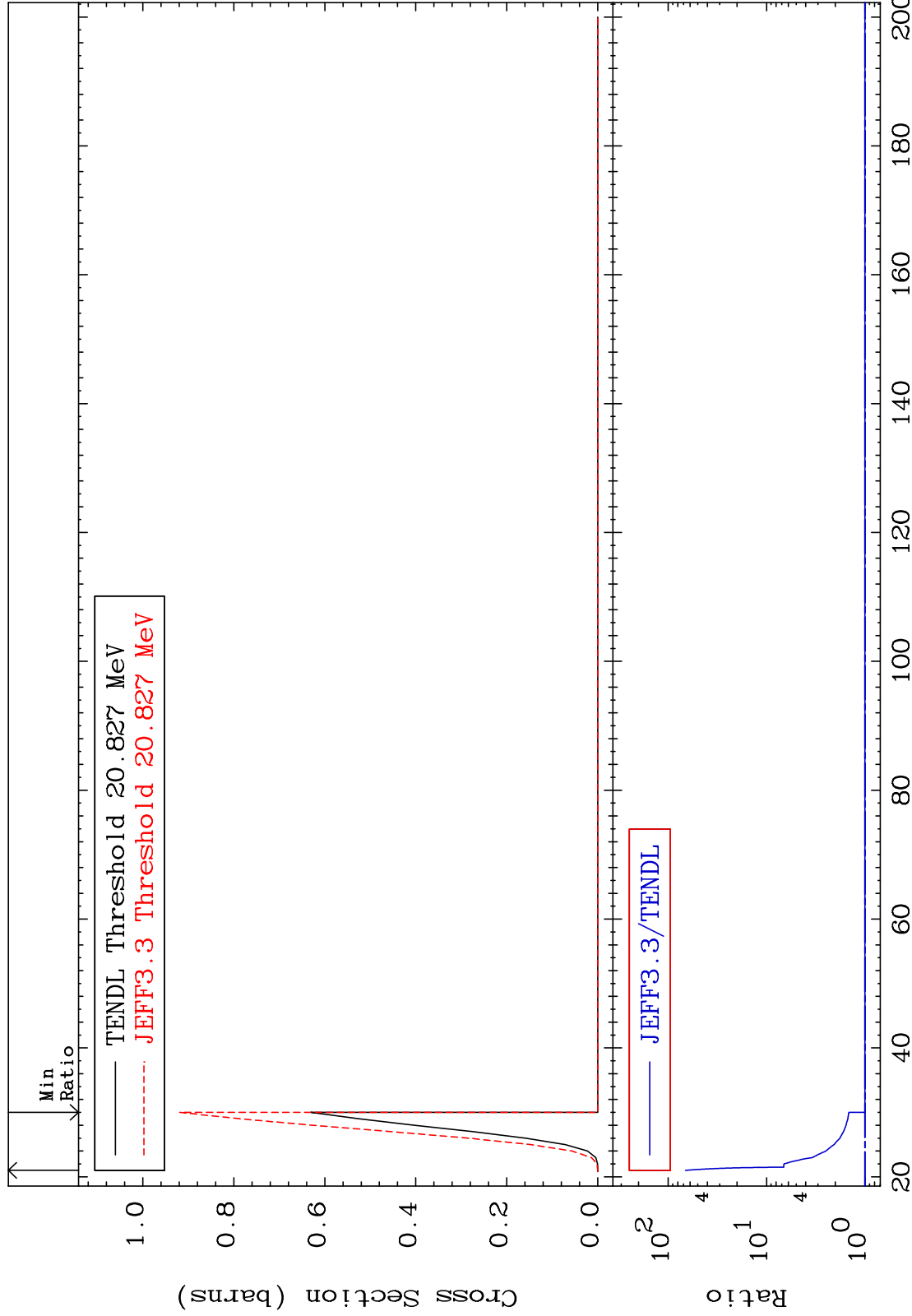
MAT 7840

(n, 4n)

<sup>78</sup>Pt-195

Cross Section

0.000 To 6562. %



<sup>78</sup>Pt-195

Incident Energy (MeV)

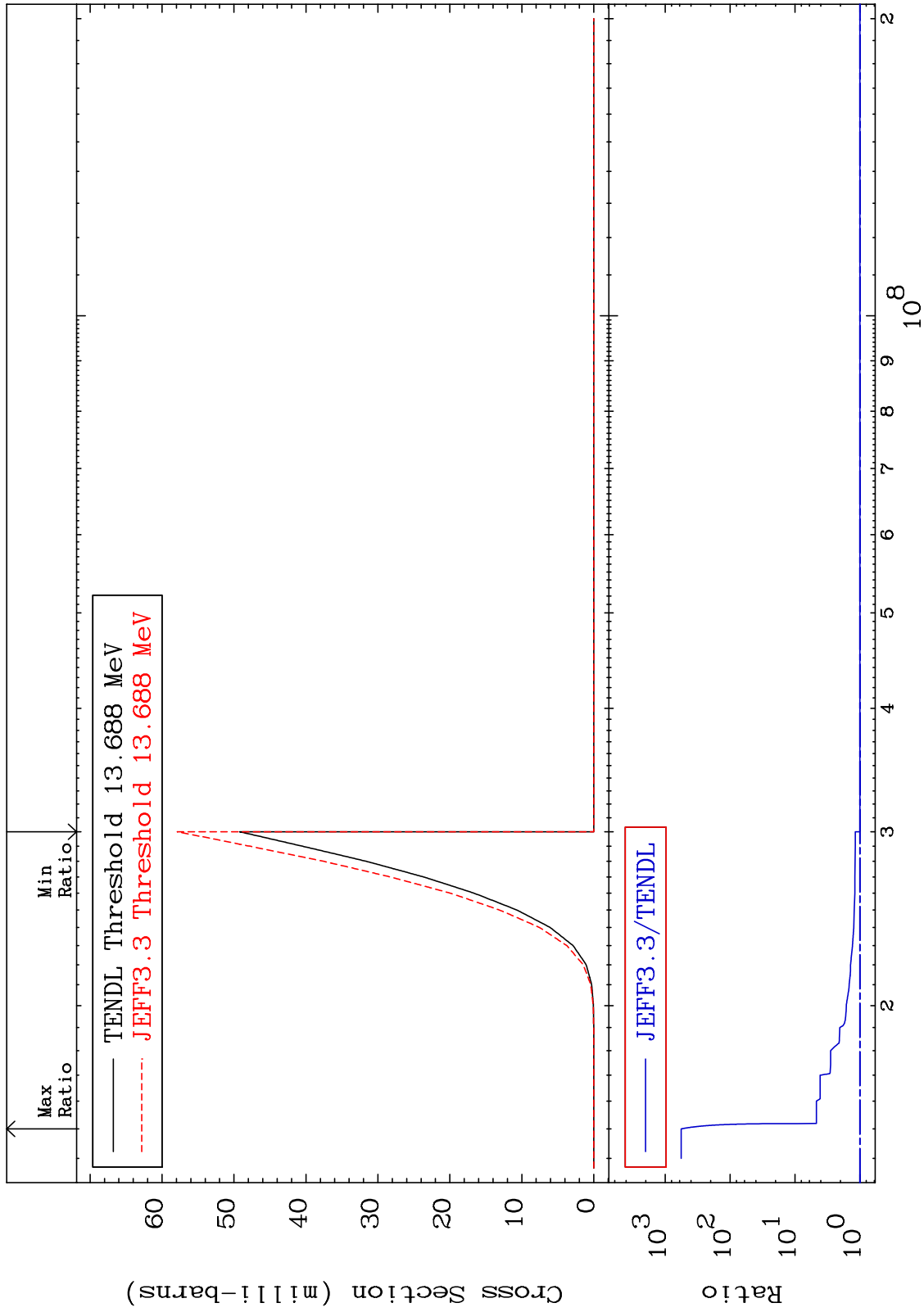
15



MAT 7840

(n,2n) p  
Cross Section

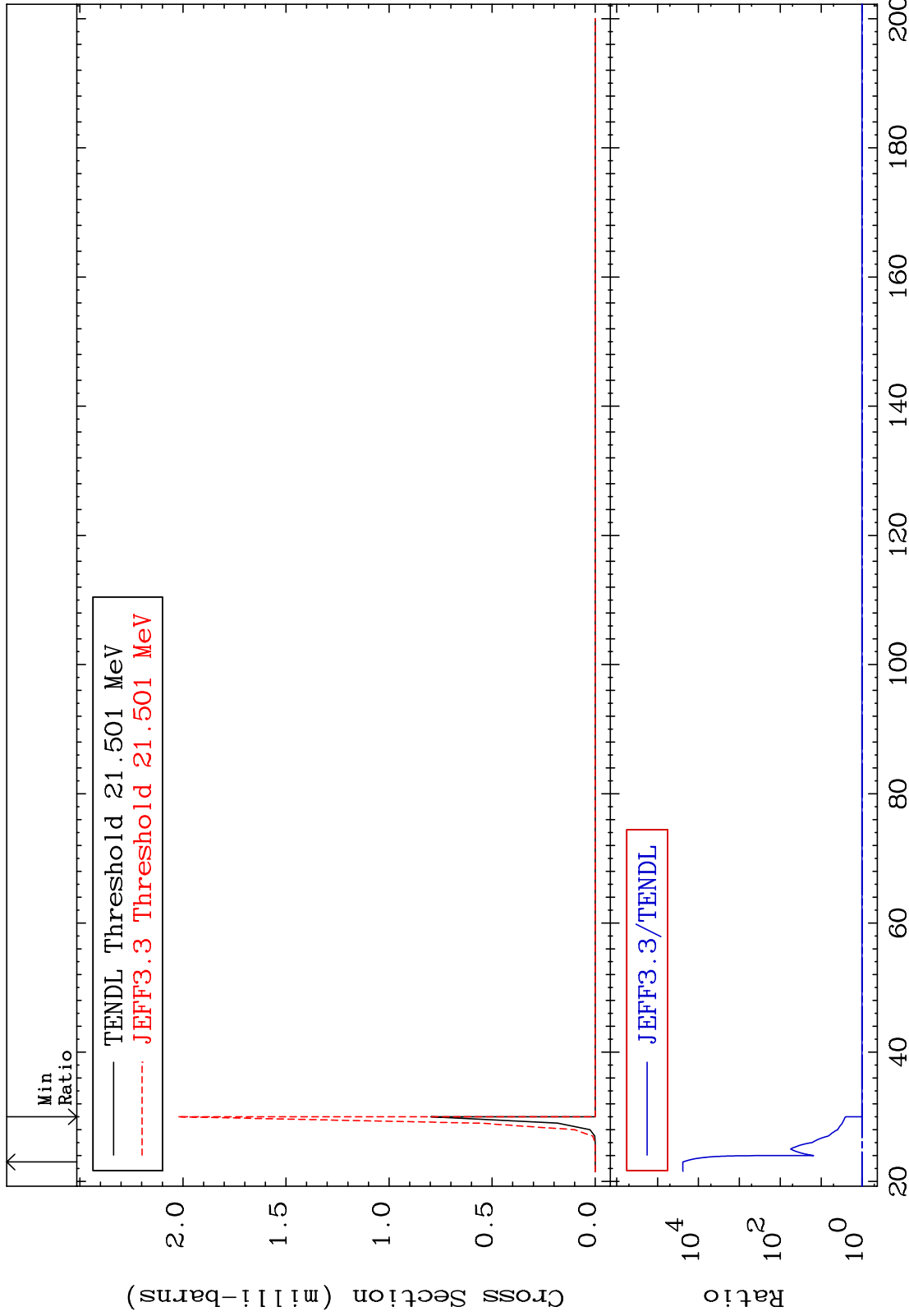
78-Pt-195  
0.000 To 9999. %



MAT 7840

(n,3n) p  
Cross Section

78-Pt-195  
0.000 To 9999. %



78-Pt-195

Incident Energy (MeV)

17

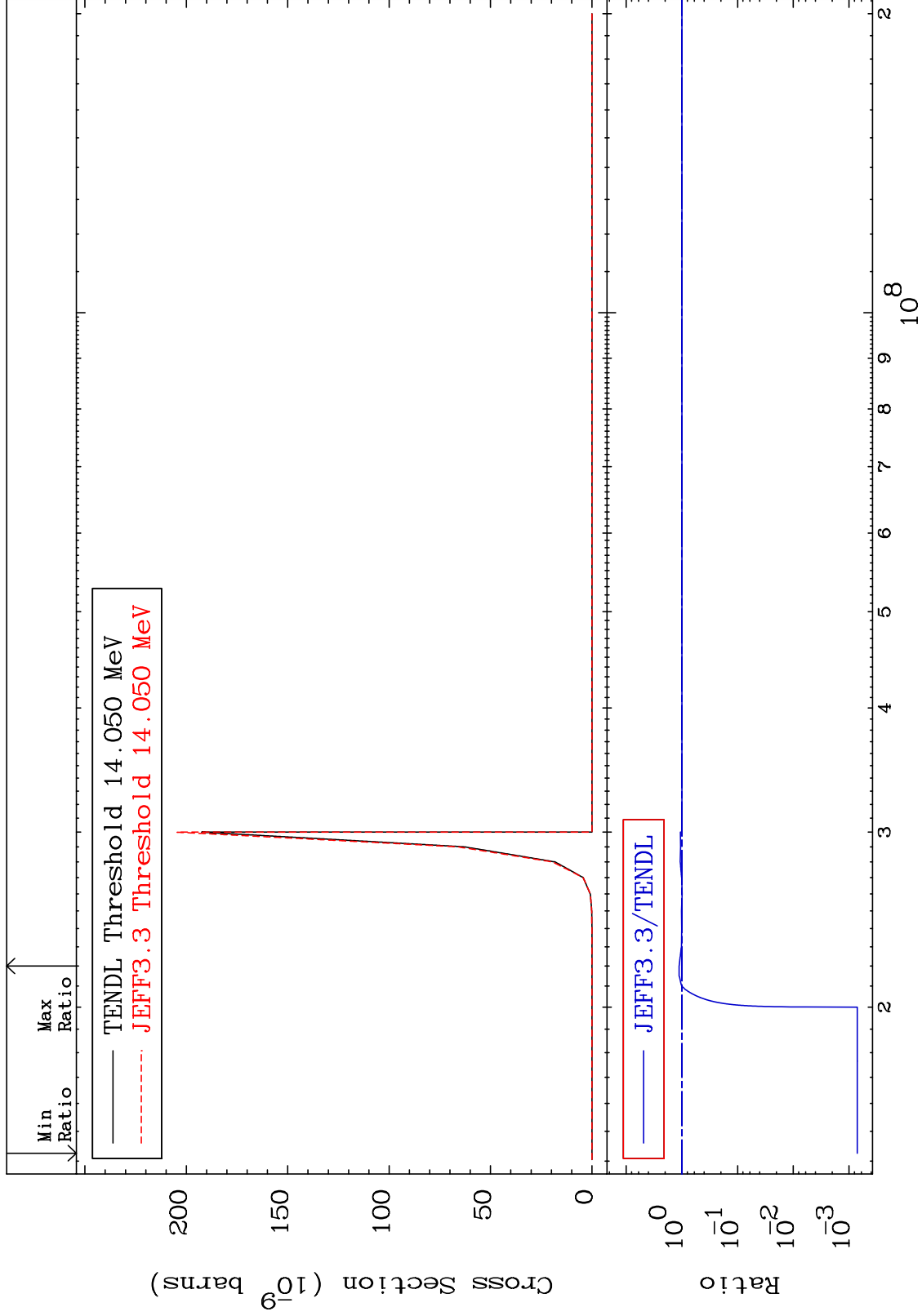
MAT 7840

(n,2n) p

78-Pt-195

Cross Section

-99.93 To 12.12 %



18

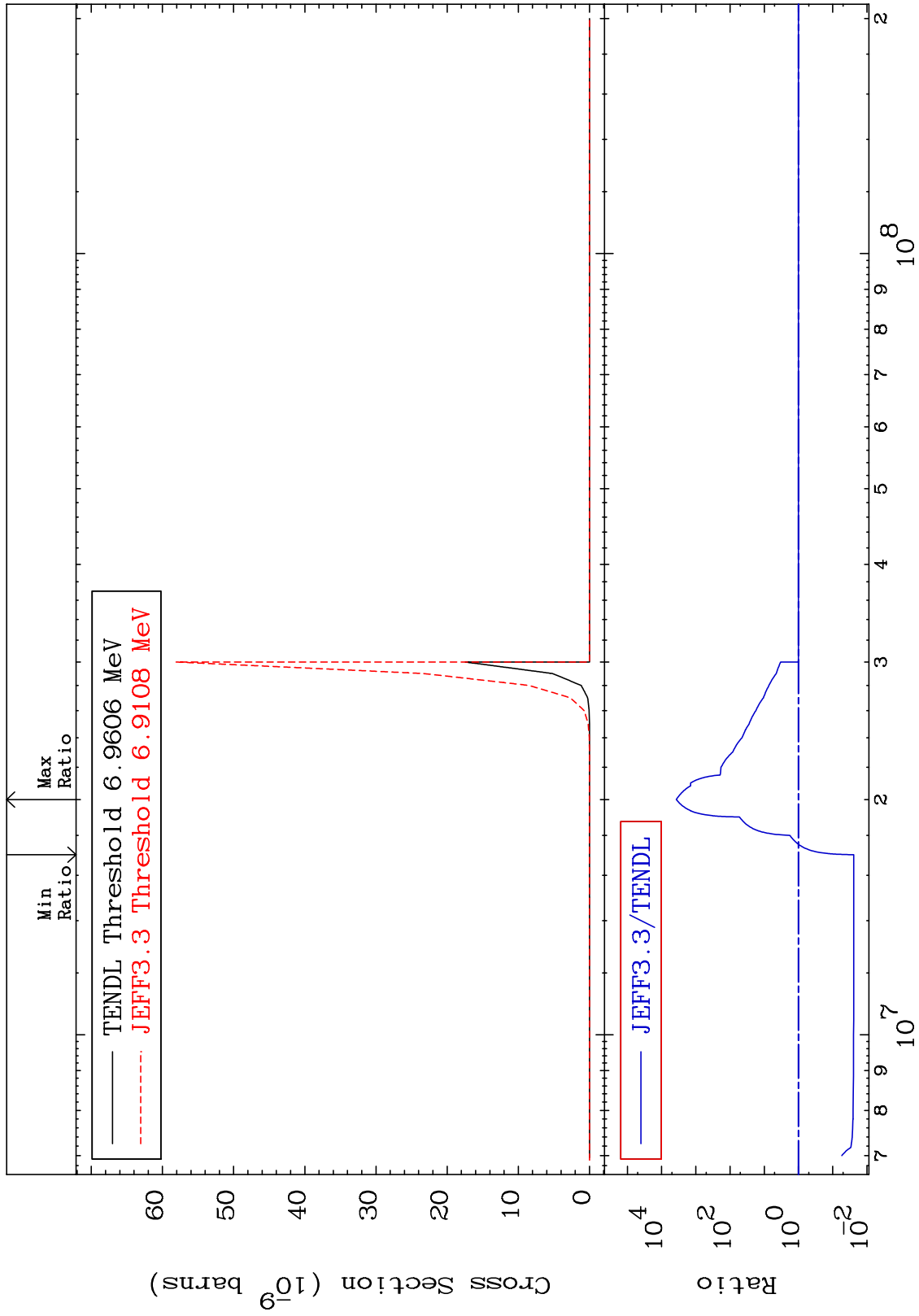
Incident Energy (eV)

78-Pt-195

MAT 7840

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

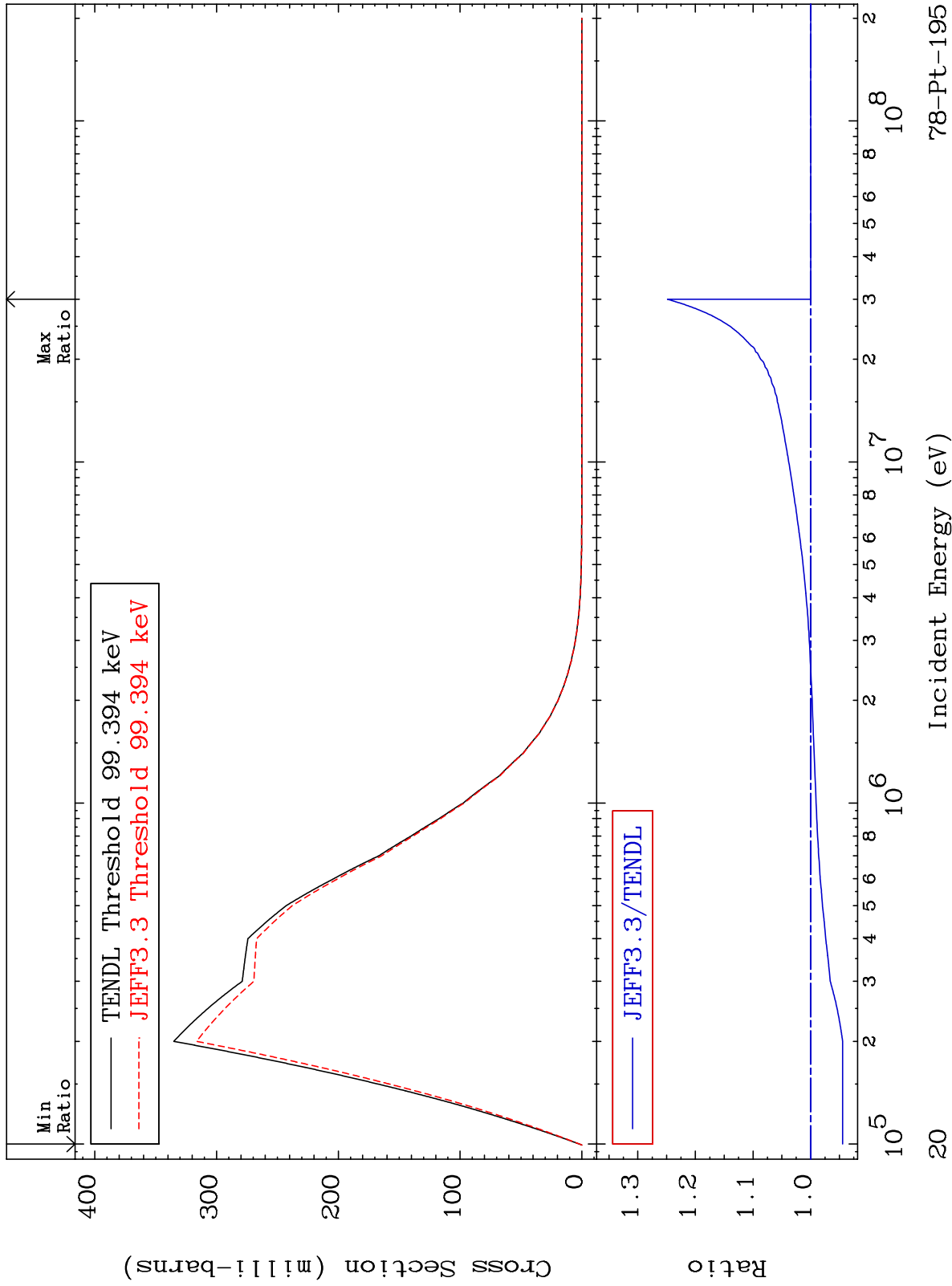
78-Pt-195  
-97.58 To 9999. %



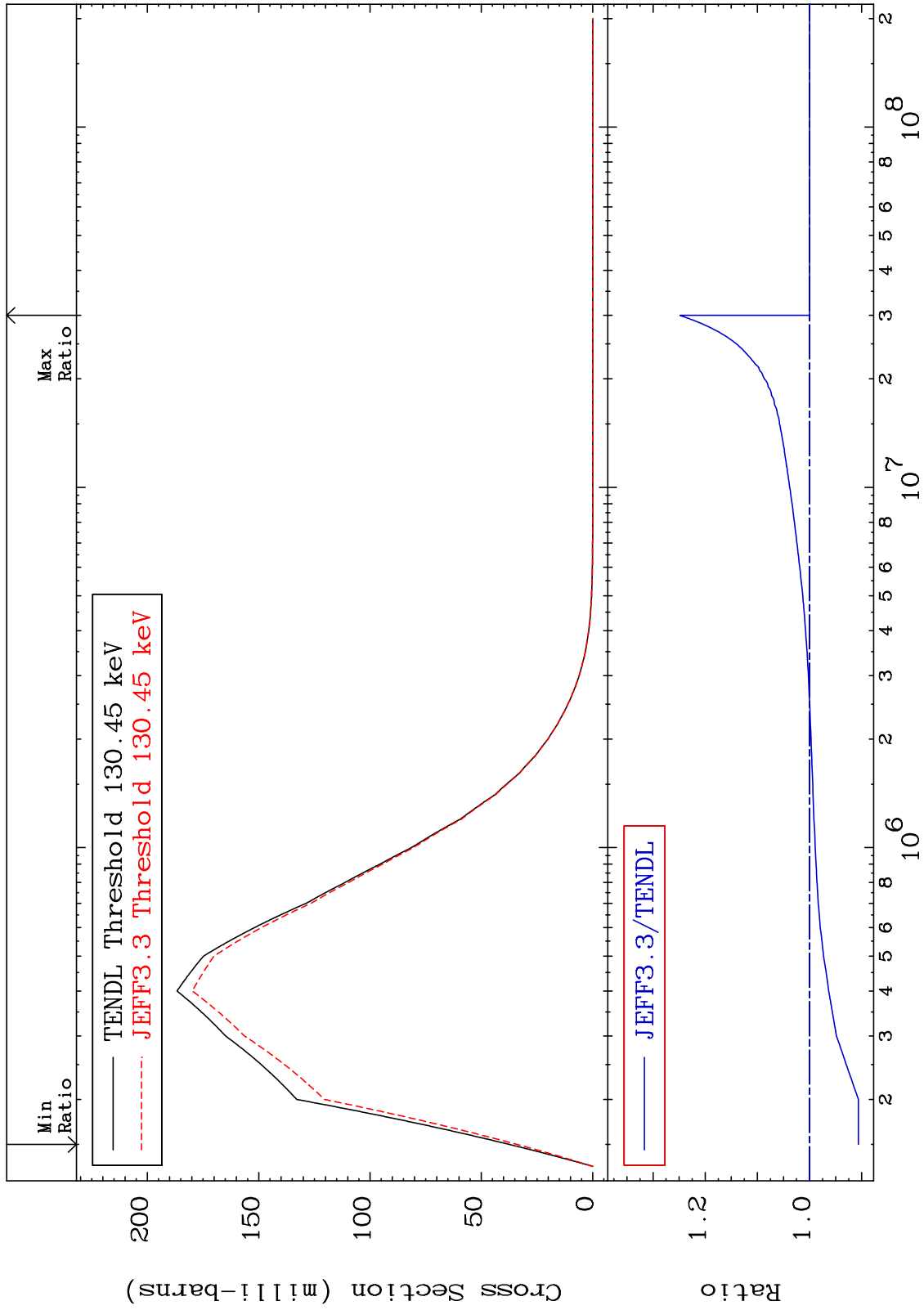
MAT 7840

MT= 51 (n,n') Level  
Cross Section

78-Pt-195  
-5.562 To 24.84 %



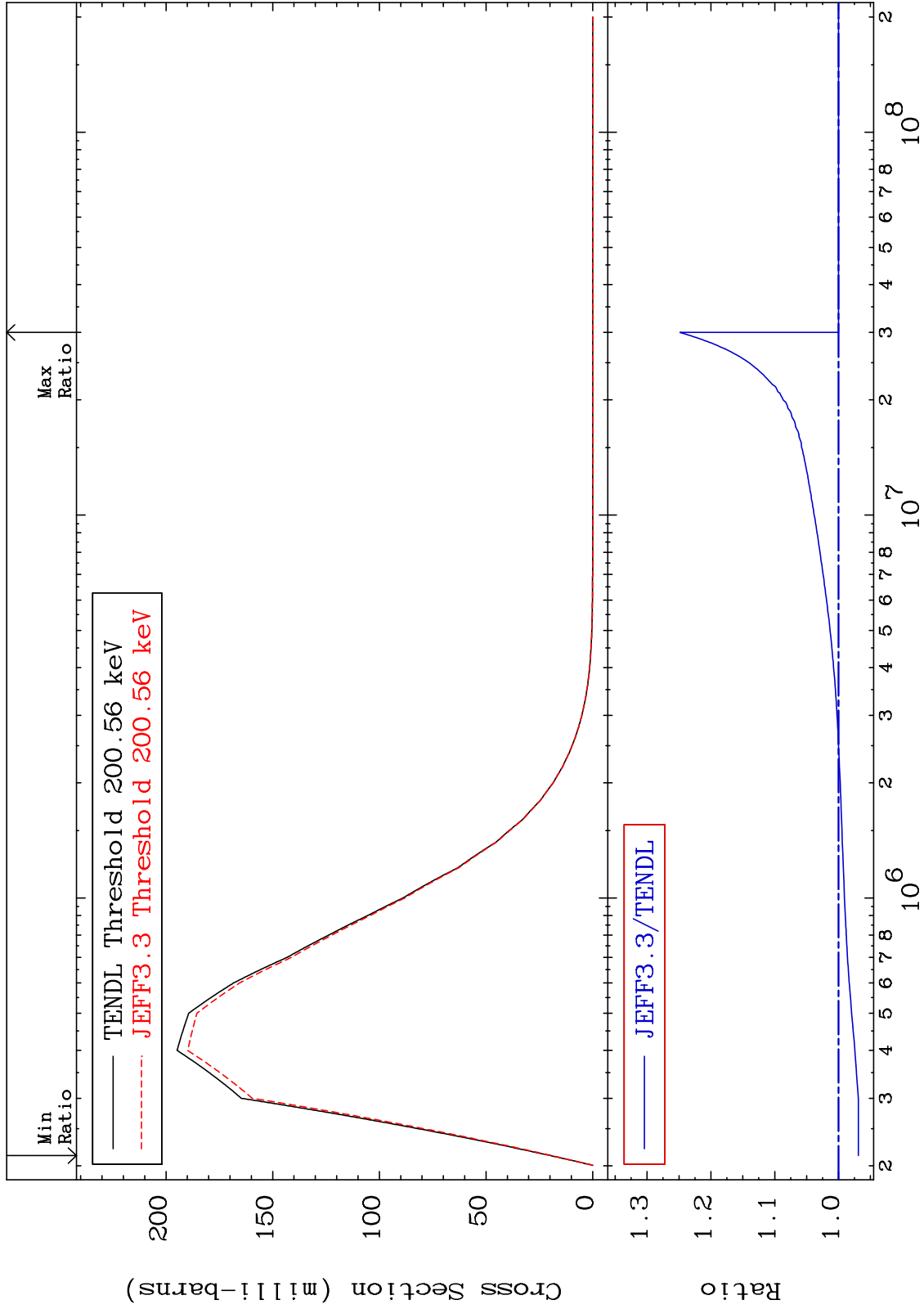
MAT 7840 MT= 52 (n,n') Level Cross Section 78-Pt-195  
 -9.363 To 24.83 %



MAT 7840

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

78-Pt-195  
-3.112 To 24.84 %

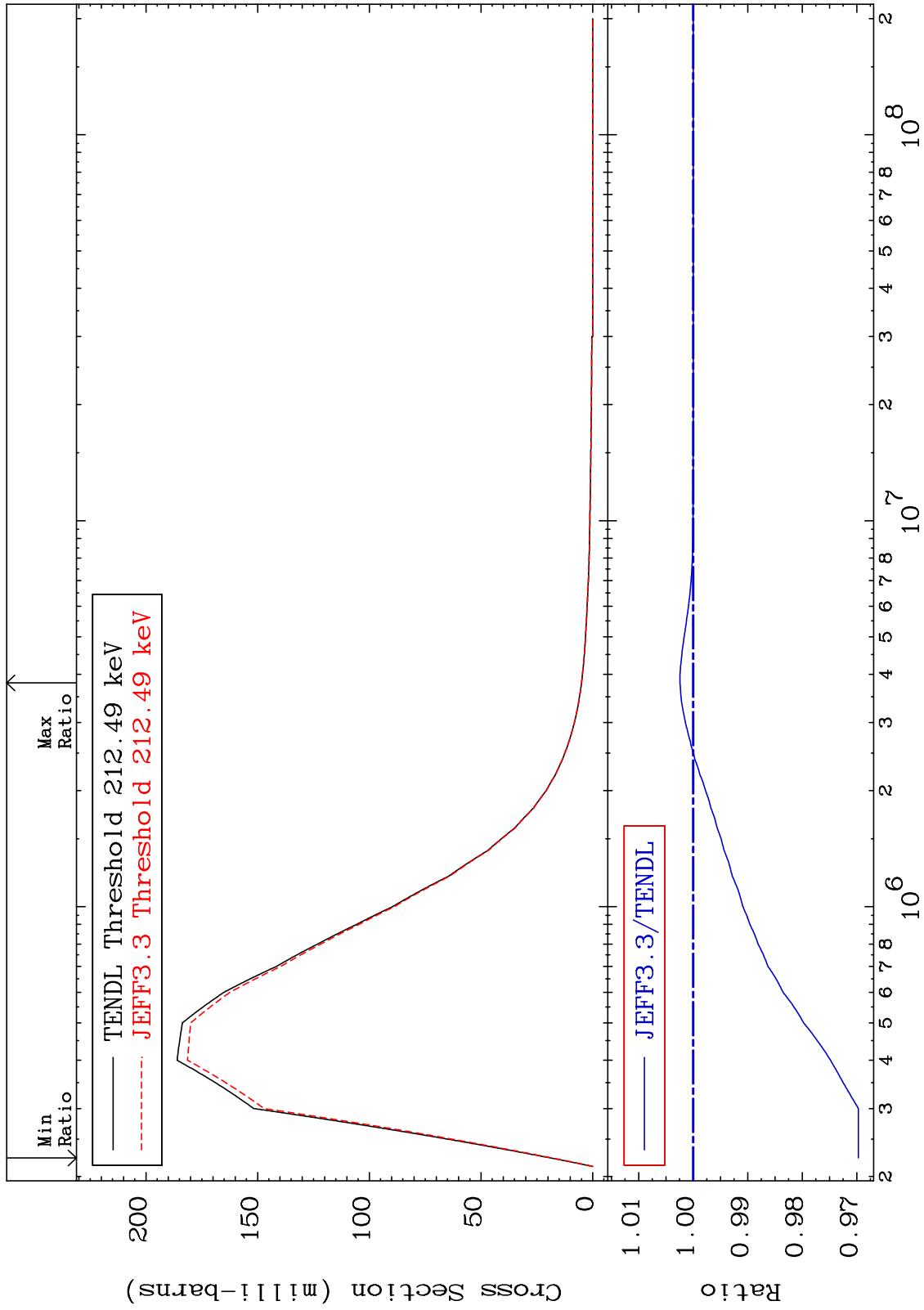


Incident Energy (eV)

78-Pt-195

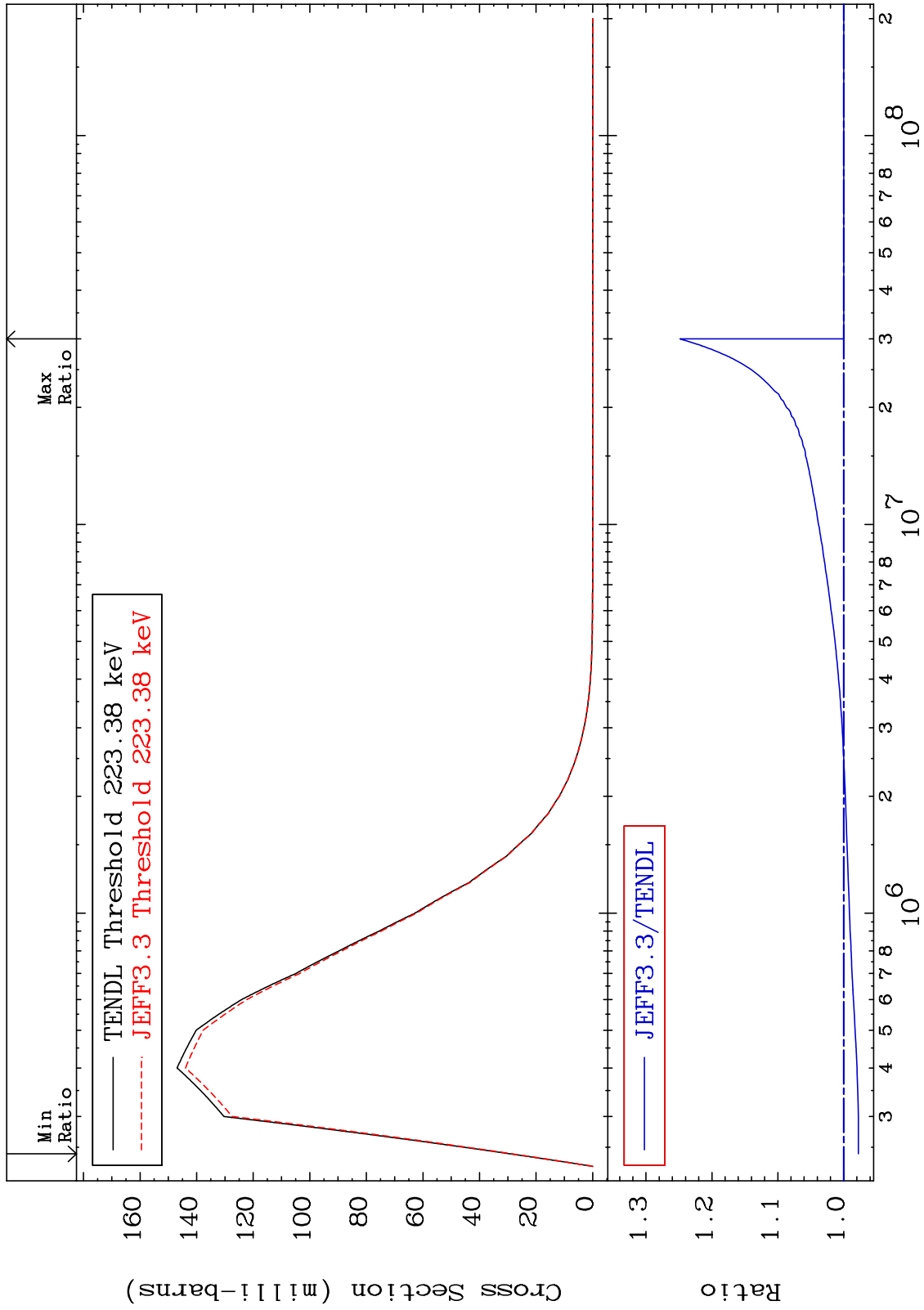
22

MAT 7840 MT= 54 (n,n') Level Cross Section -3.031 To 0.241 % 78-Pt-195

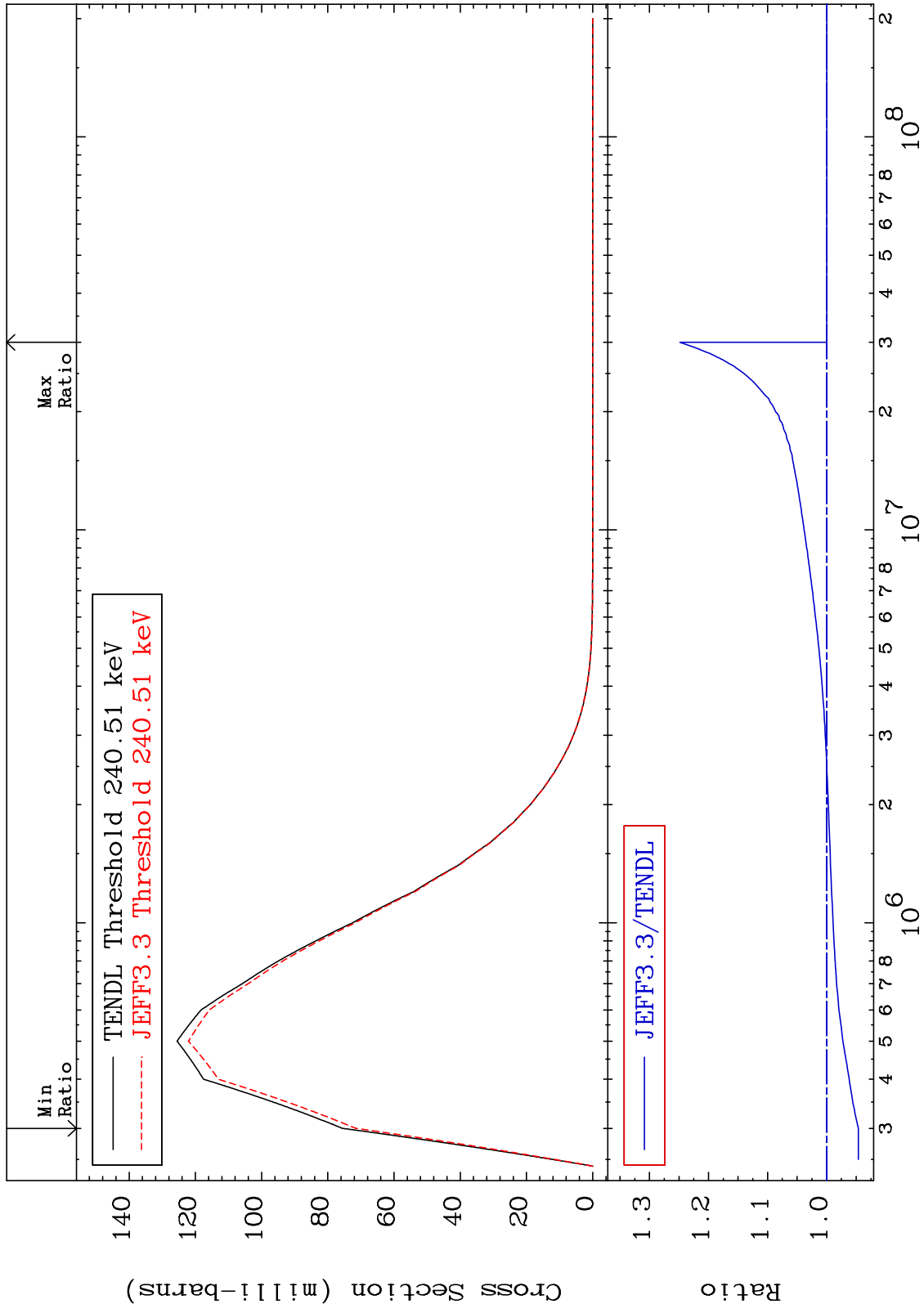




MAT 7840 MT= 55 (n,n') Level Cross Section 78-Pt-195  
 -2.236 To 24.84 %



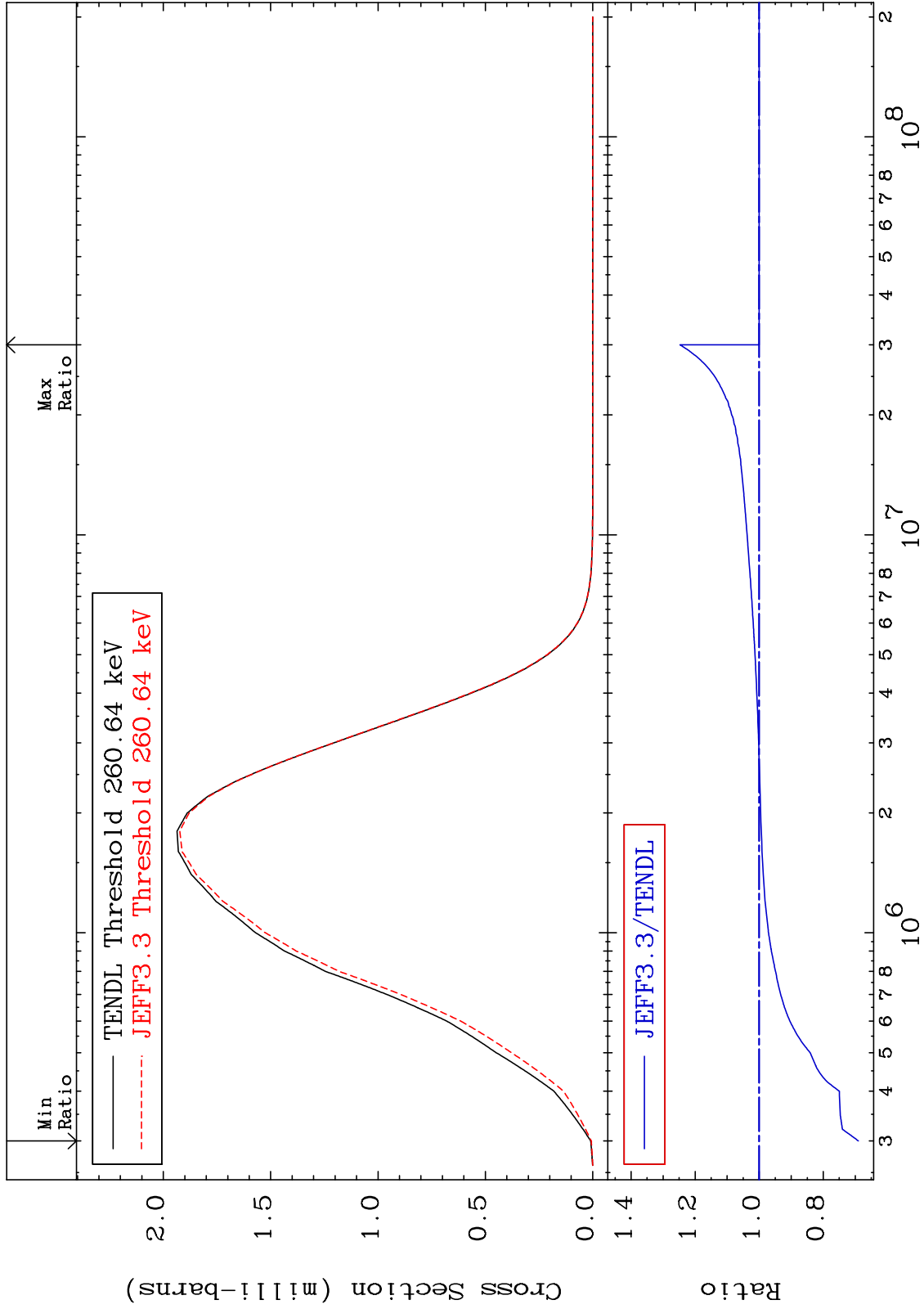
MAT 7840 MT= 56 (n,n') Level Cross Section 78-Pt-195  
 -5.380 To 24.83 %



MAT 7840

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

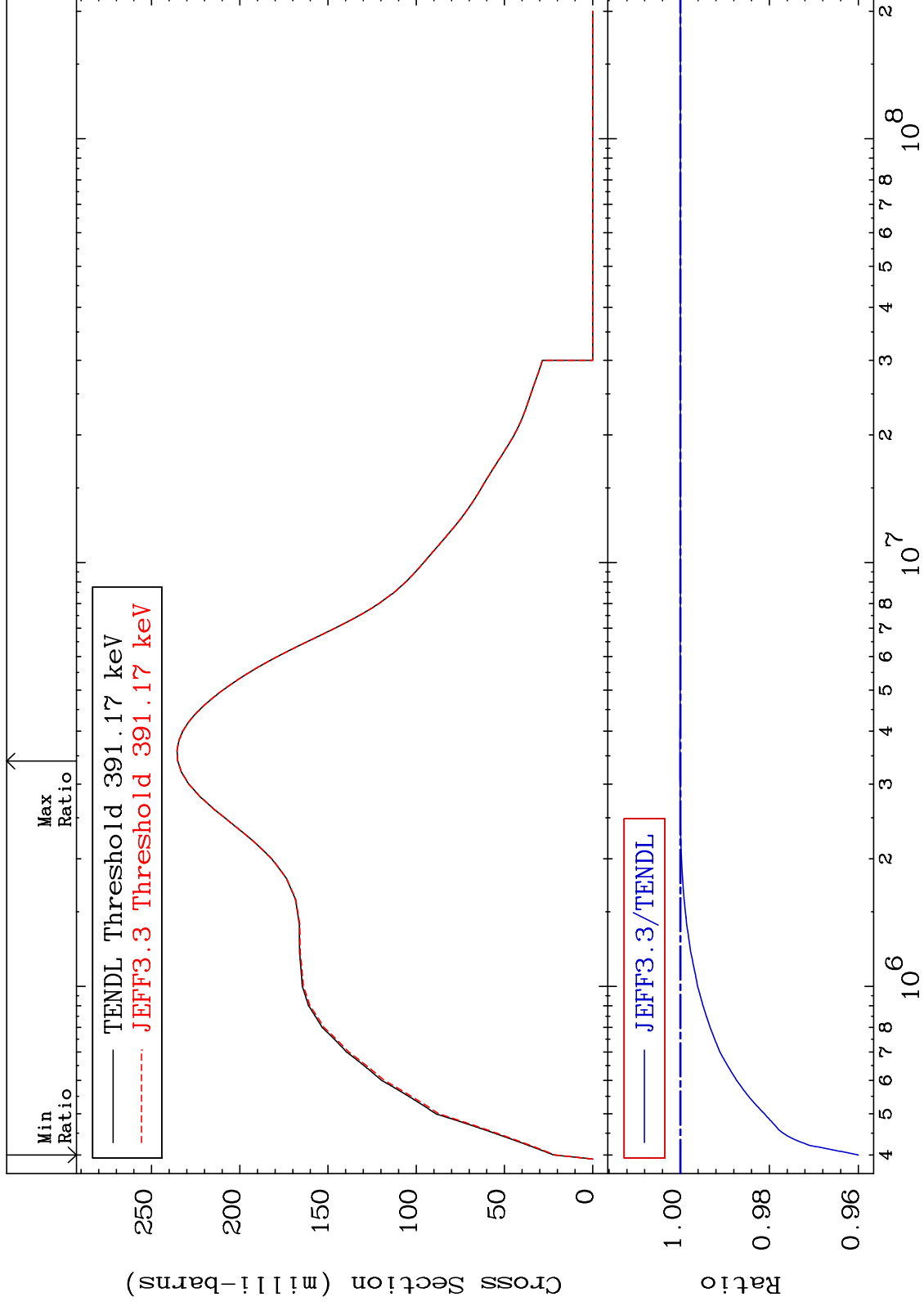
78-Pt-195  
-30.98 To 24.72 %



MAT 7840

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

78-Pt-195  
-3.999 To 0.006 %

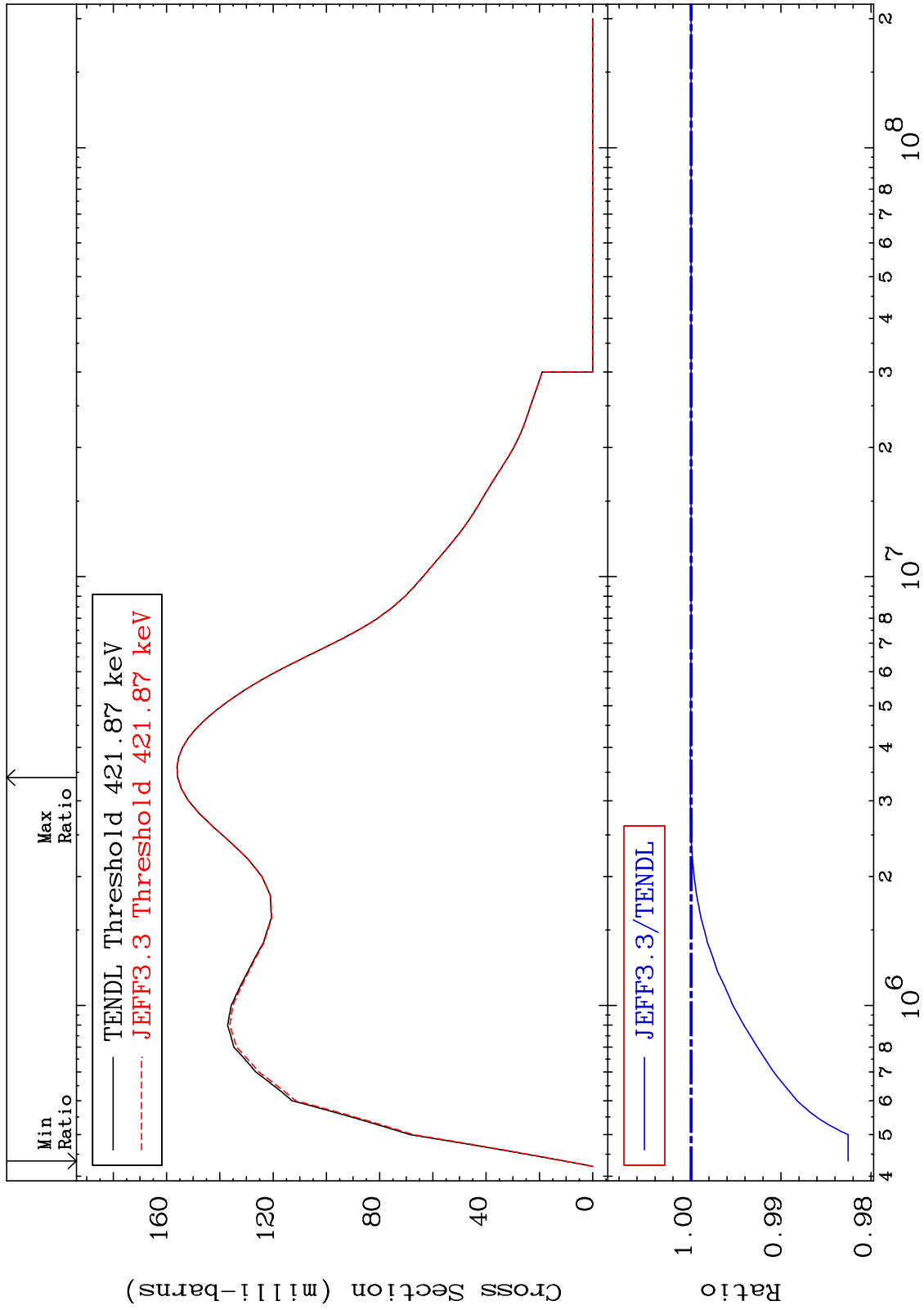


27

Incident Energy (eV)

78-Pt-195

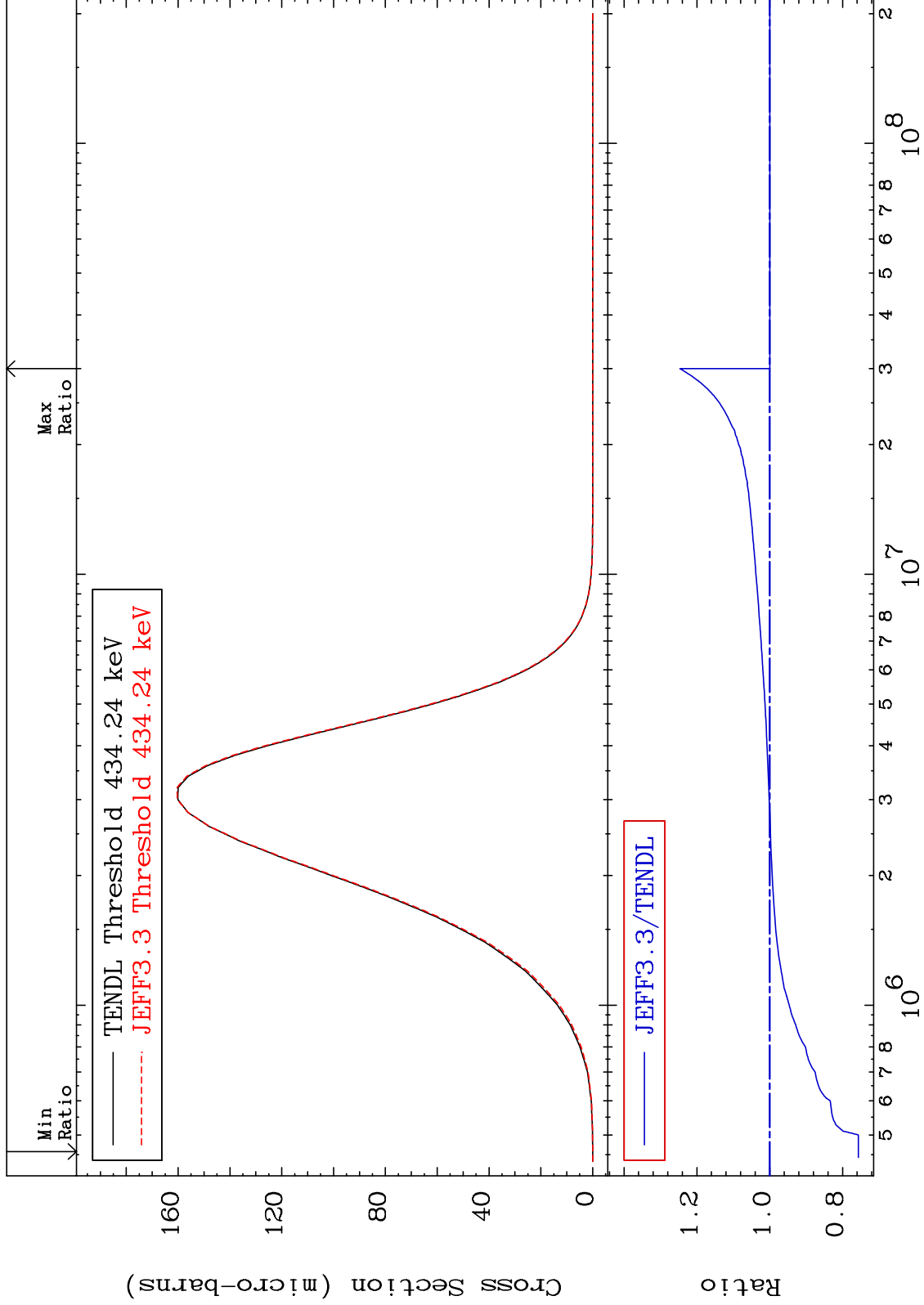
MAT 7840 MT= 59 (n,n') Level Cross Section 78-Pt-195  
-1.745 To 0.008 %



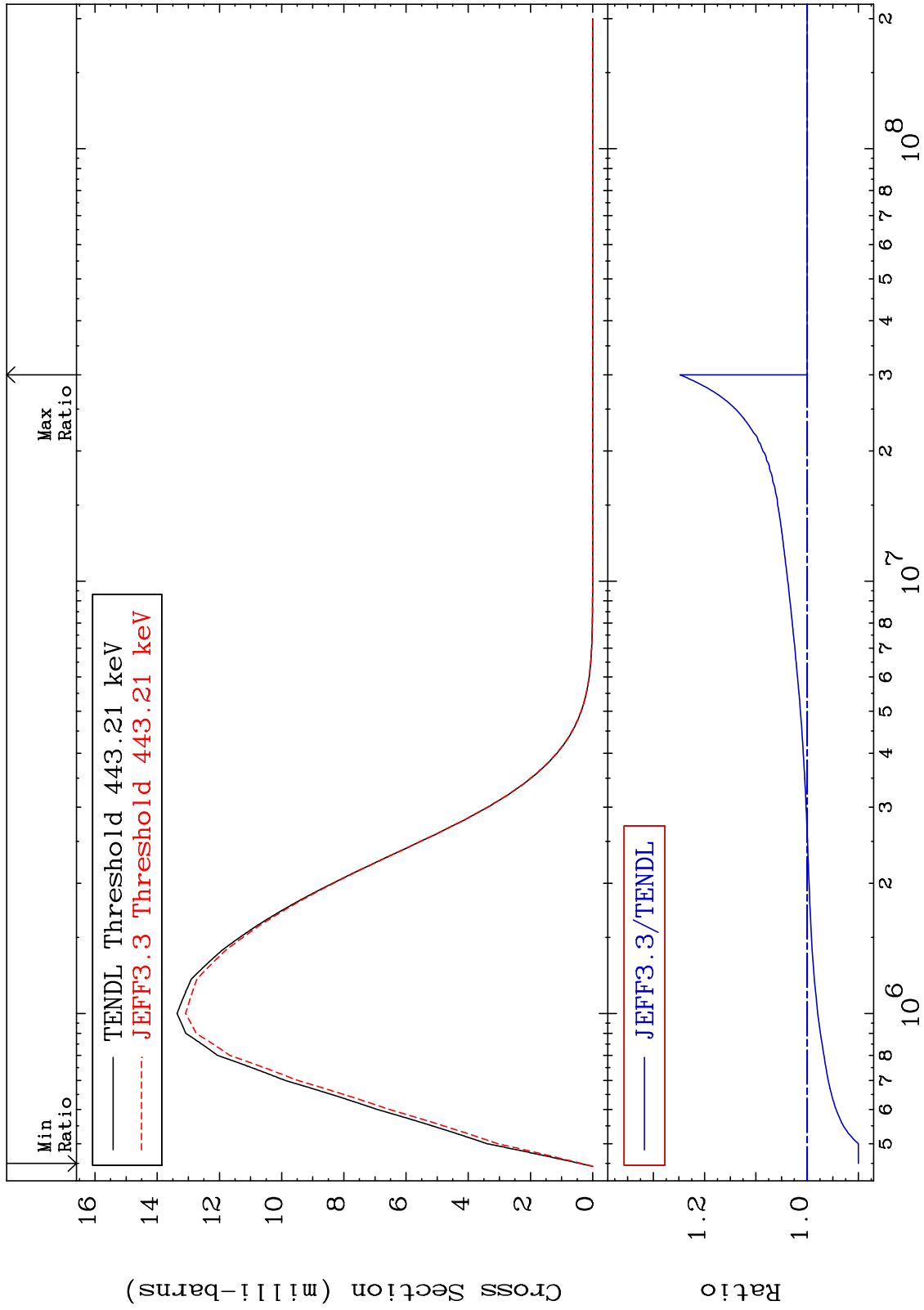
MAT 7840

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

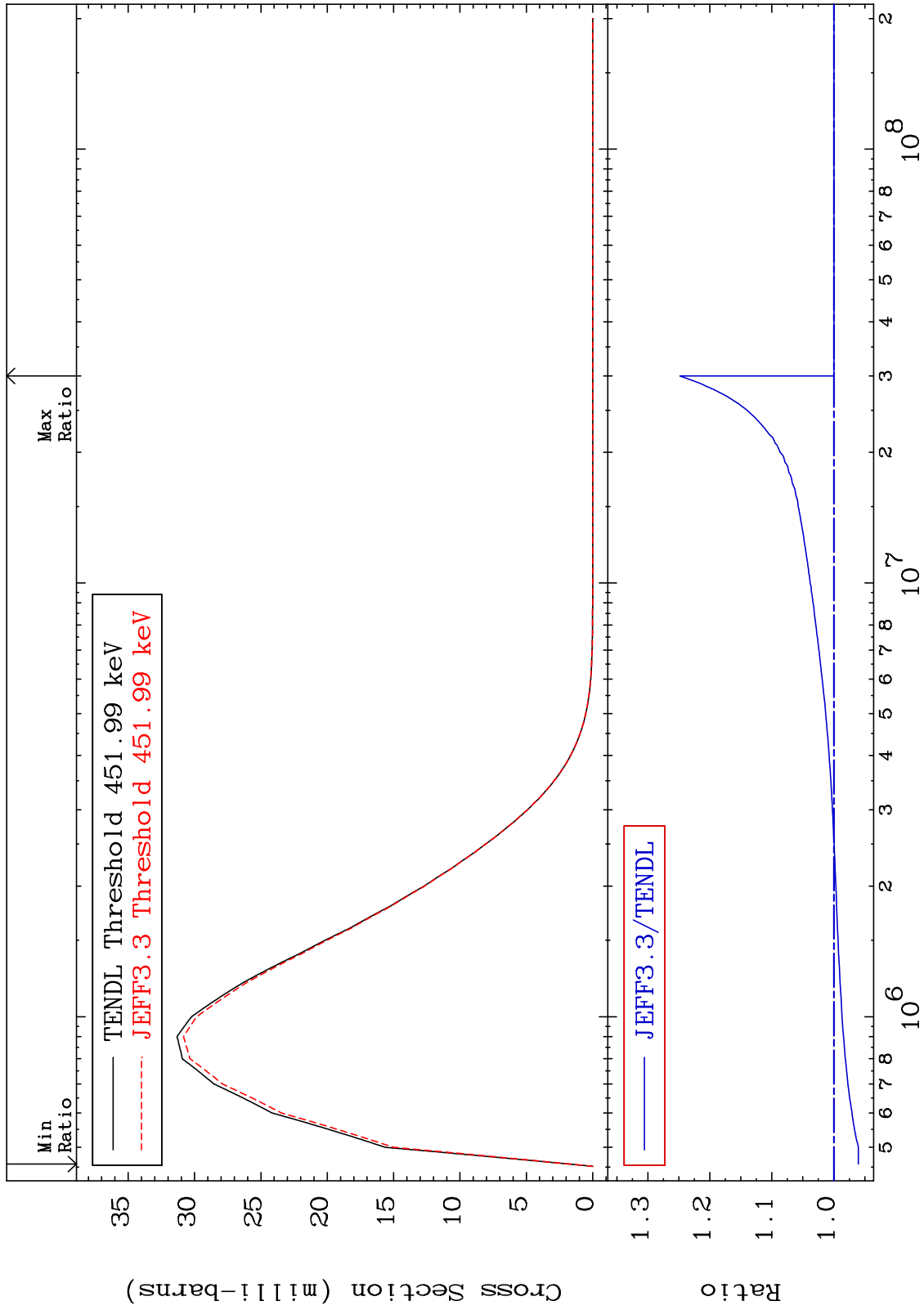
78-Pt-195  
-24.35 To 24.63 %



MAT 7840 MT= 61 (n,n') Level Cross Section 78-Pt-195  
 -9.988 To 24.79 %

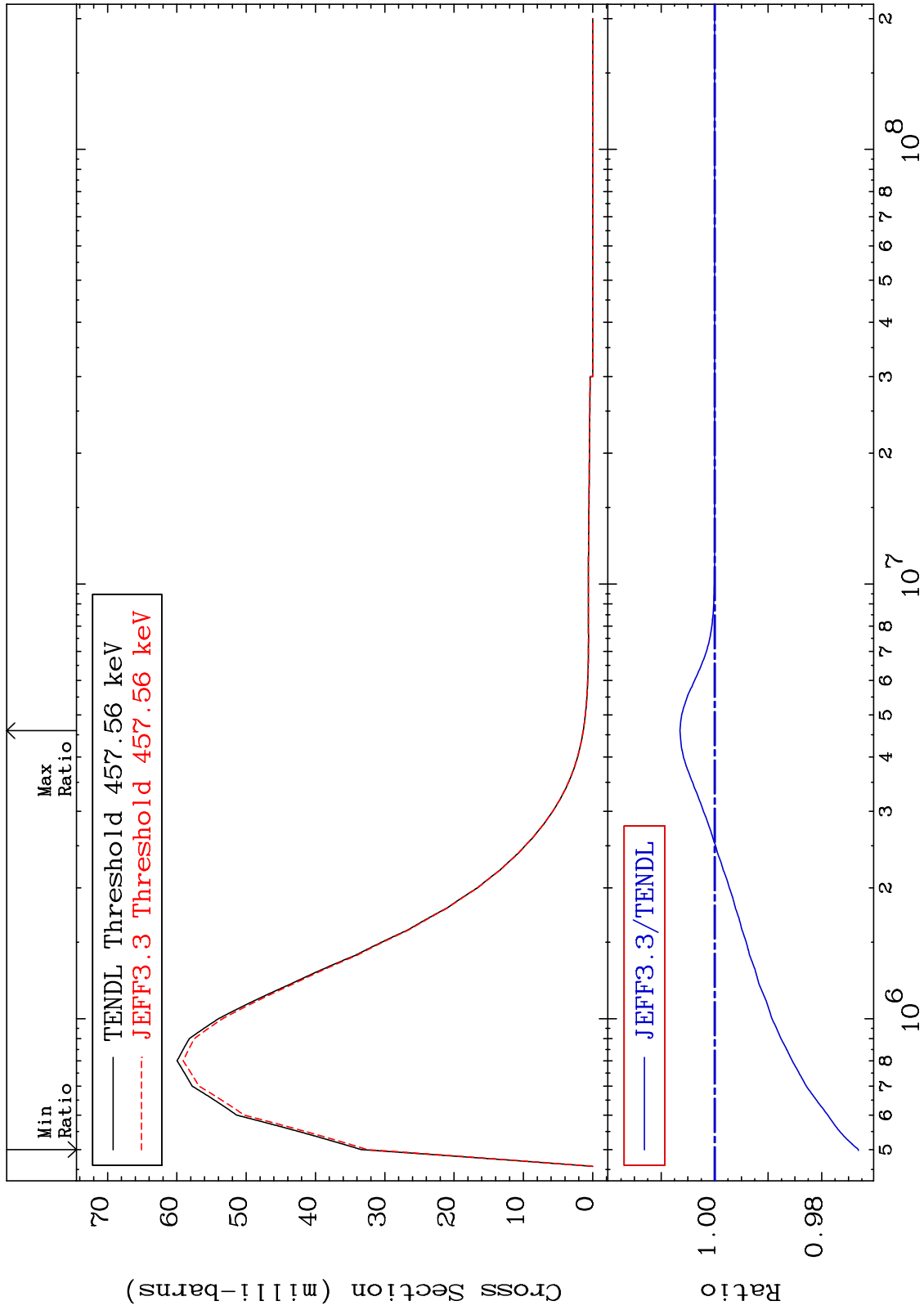


MAT 7840 MT= 62 (n,n') Level Cross Section 78-Pt-195  
 -3.963 To 24.81 %

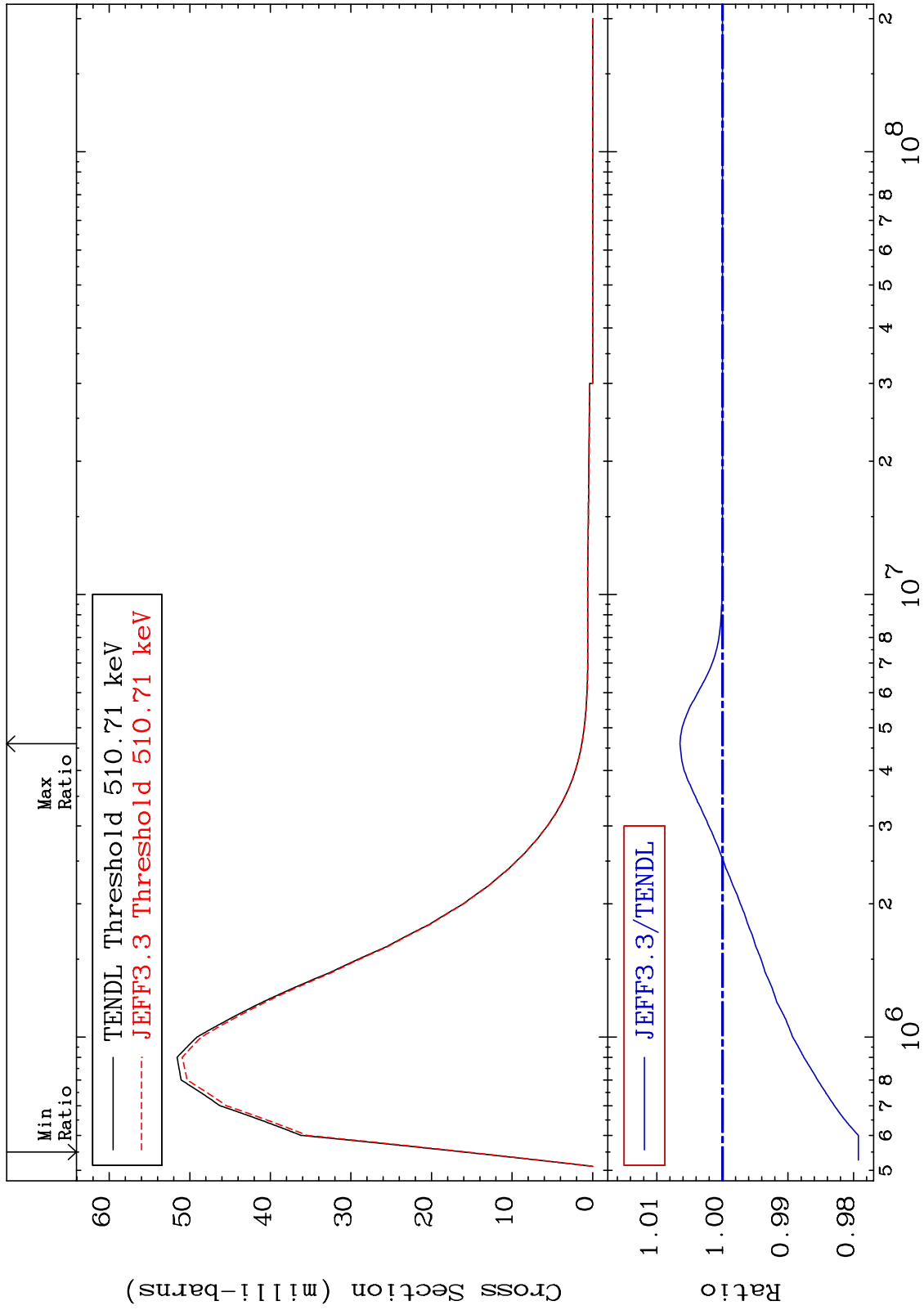




MAT 7840 MT= 63 (n,n') Level Cross Section 78-Pt-195  
 -2.686 To 0.647 %



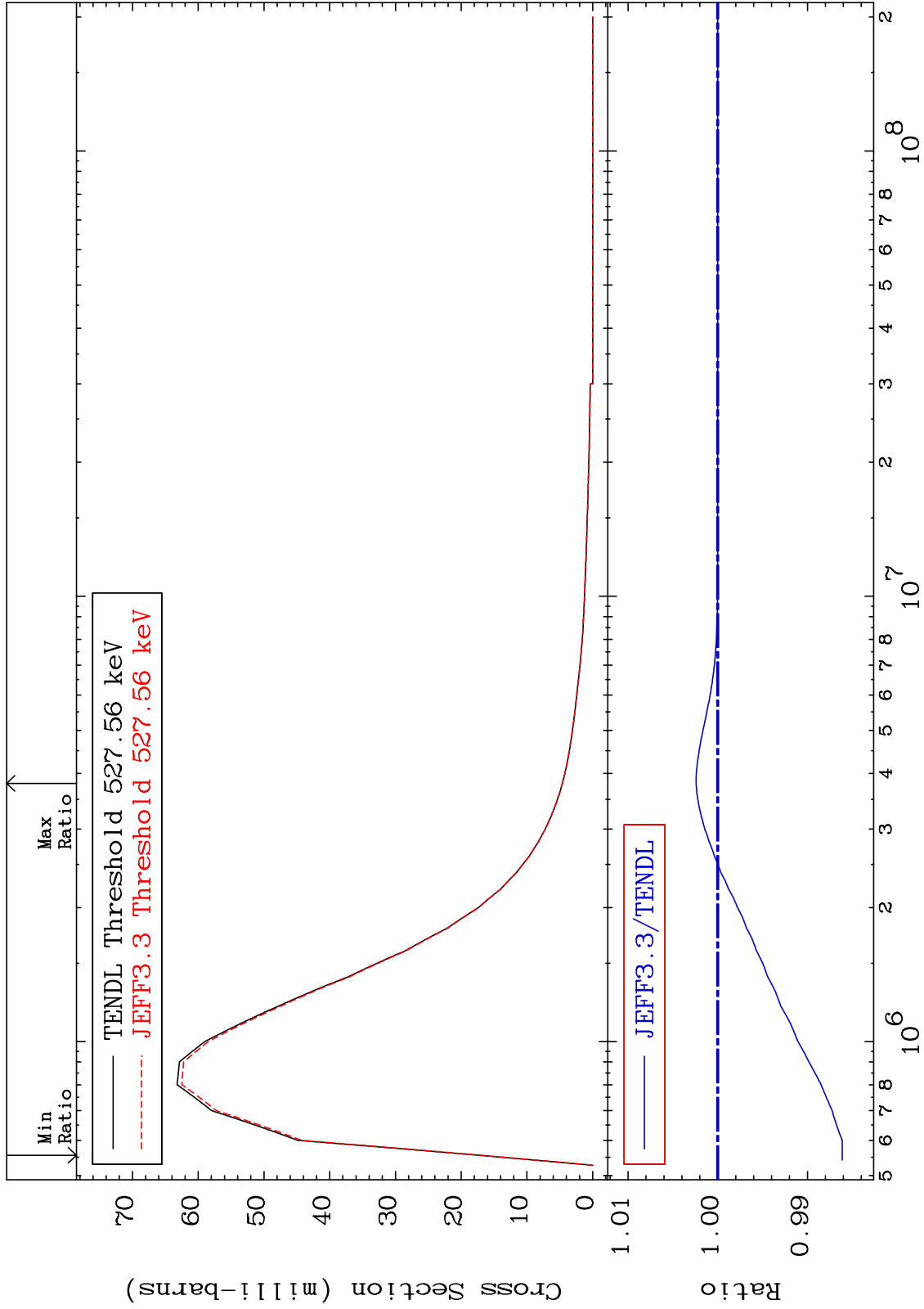
MAT 7840 MT= 64 (n,n') Level Cross Section -2.073 To 0.646 % 78-Pt-195



MAT 7840

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

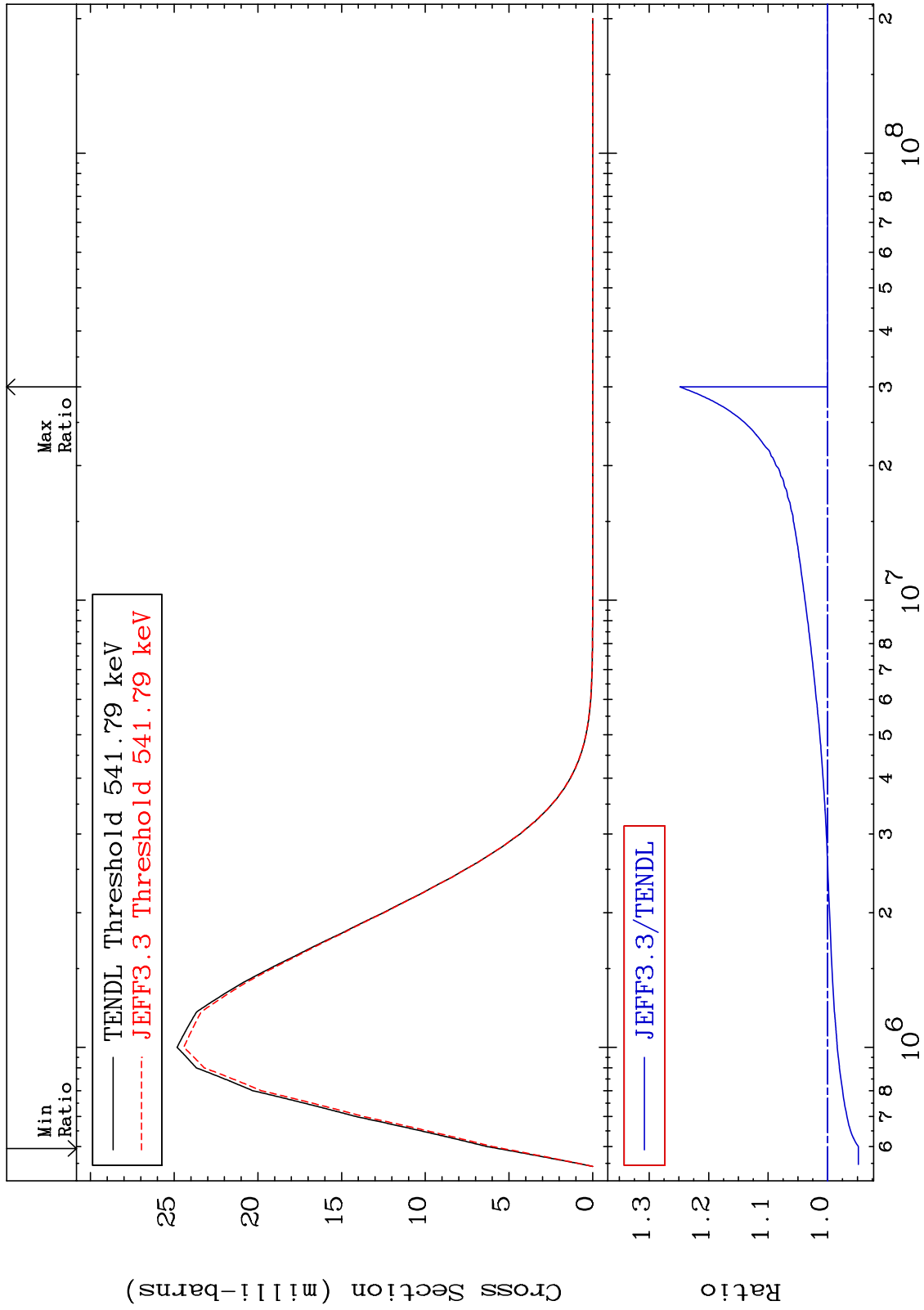
78-Pt-195  
-1.388 To 0.241 %



MAT 7840

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

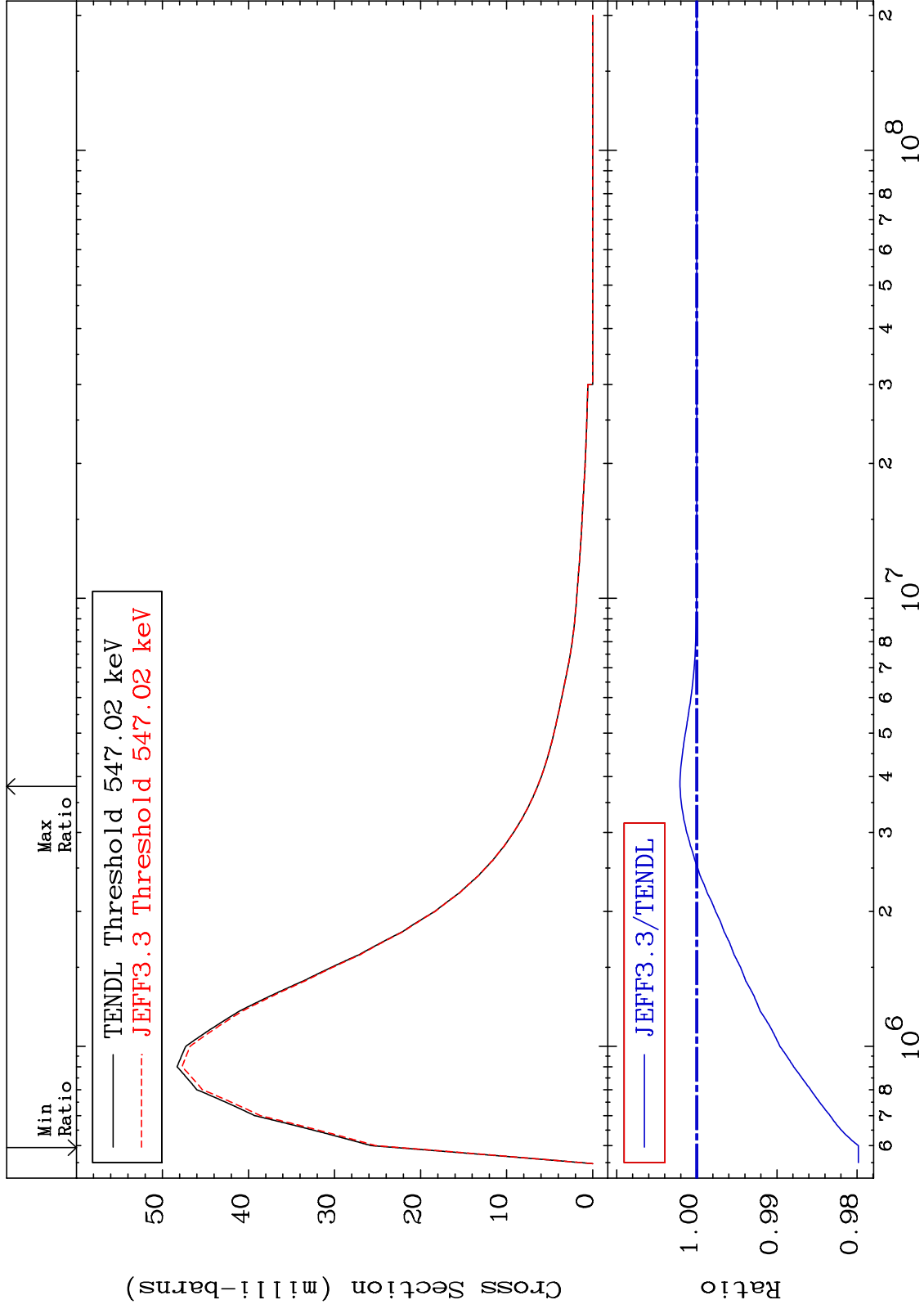
78-Pt-195  
-5.172 To 24.81 %



MAT 7840

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

78-Pt-195  
-2.017 To 0.209 %



36

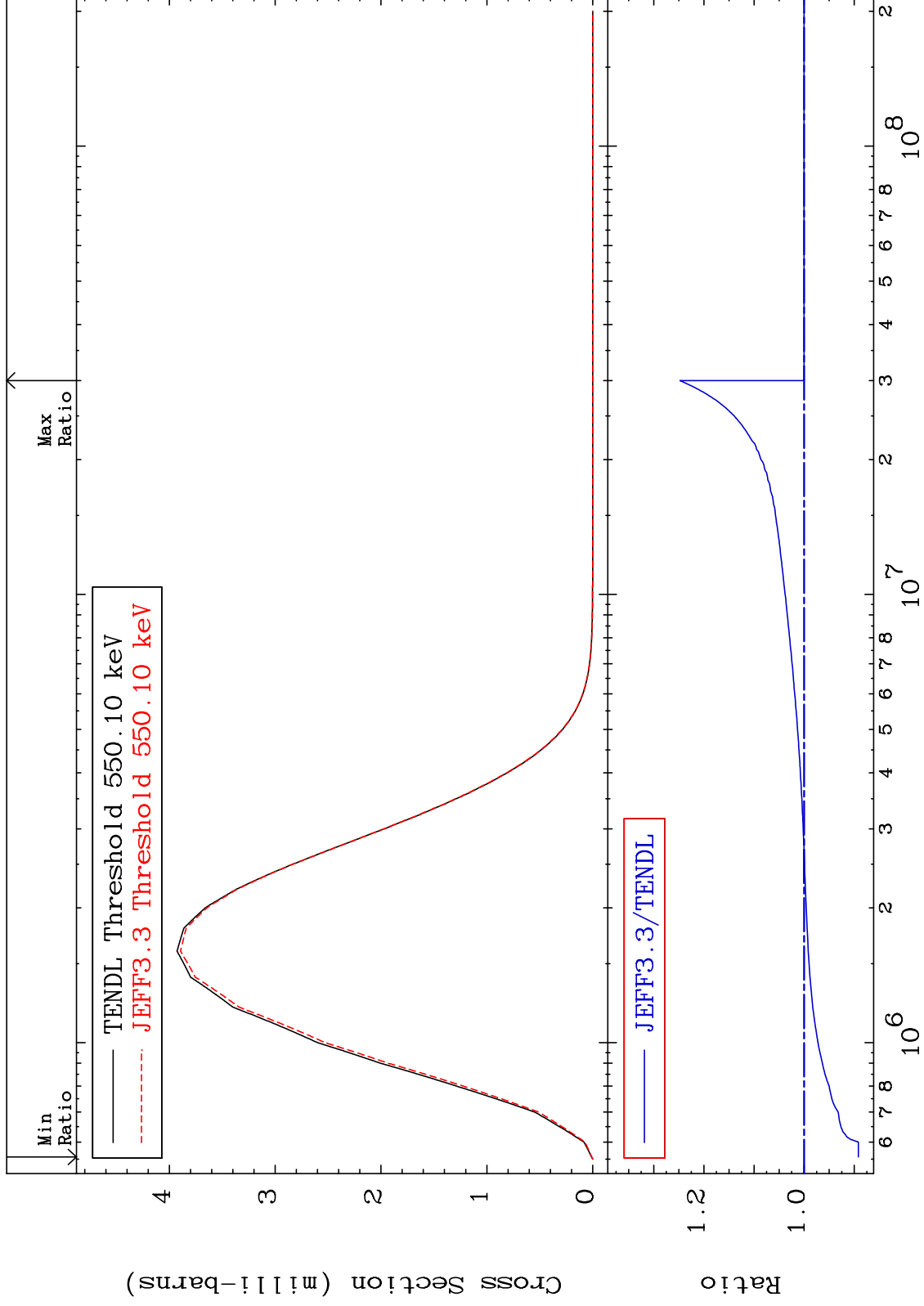
Incident Energy (eV)

78-Pt-195

MAT 7840

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

78-Pt-195  
-10.82 To 24.76 %

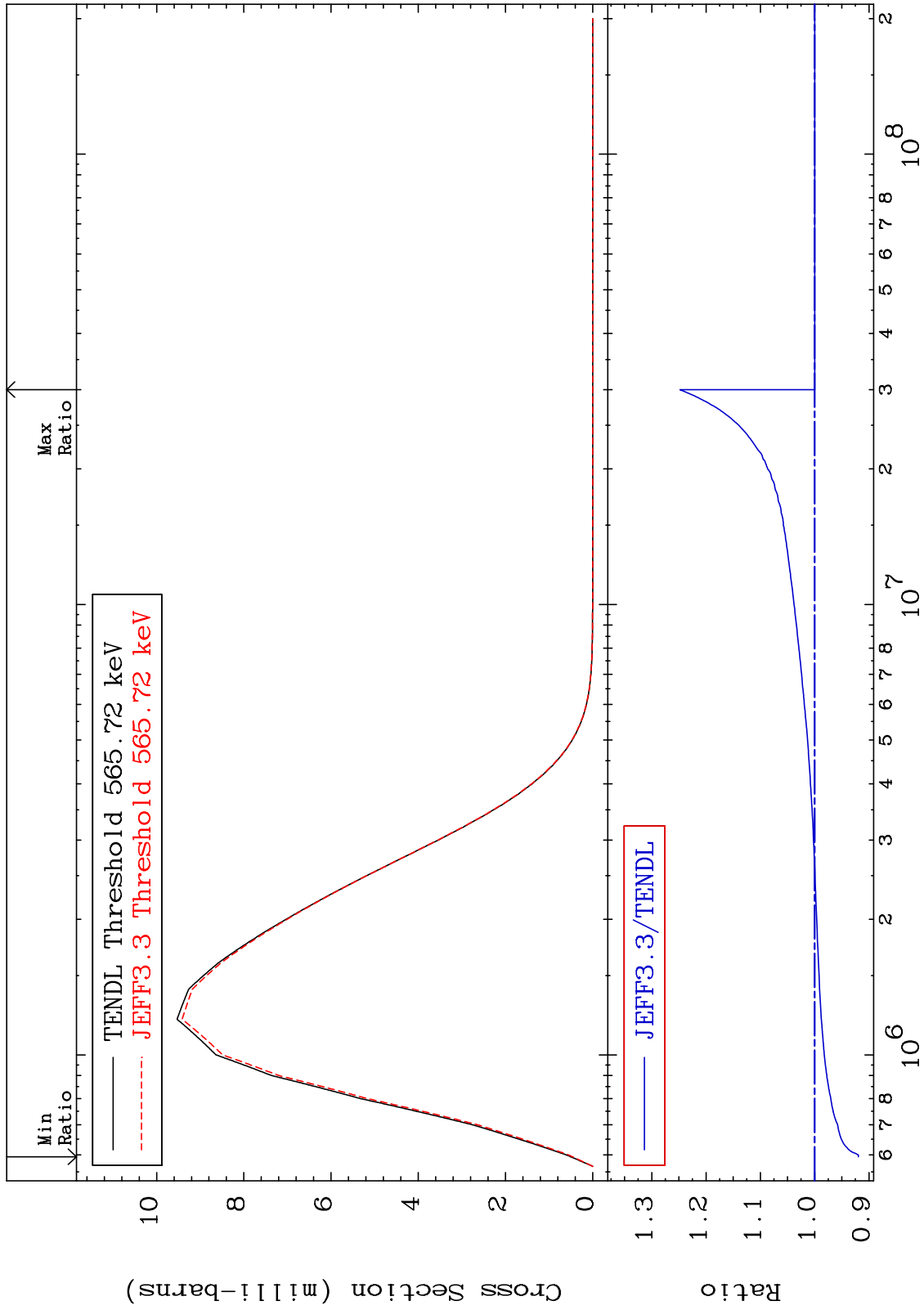


37

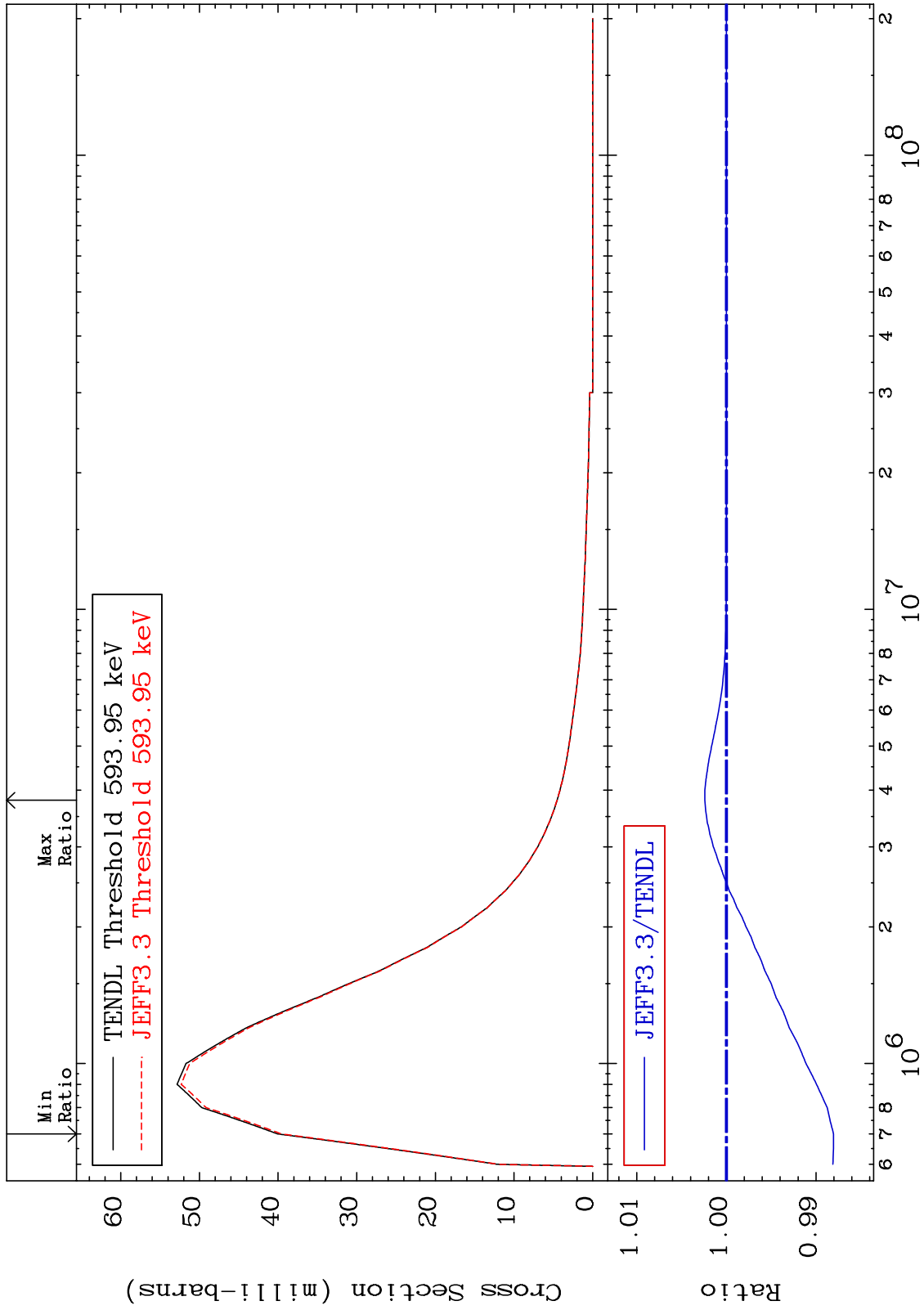
Incident Energy (eV)

78-Pt-195

MAT 7840 MT= 69 (n,n') Level Cross Section 78-Pt-195  
 -8.060 To 24.79 %

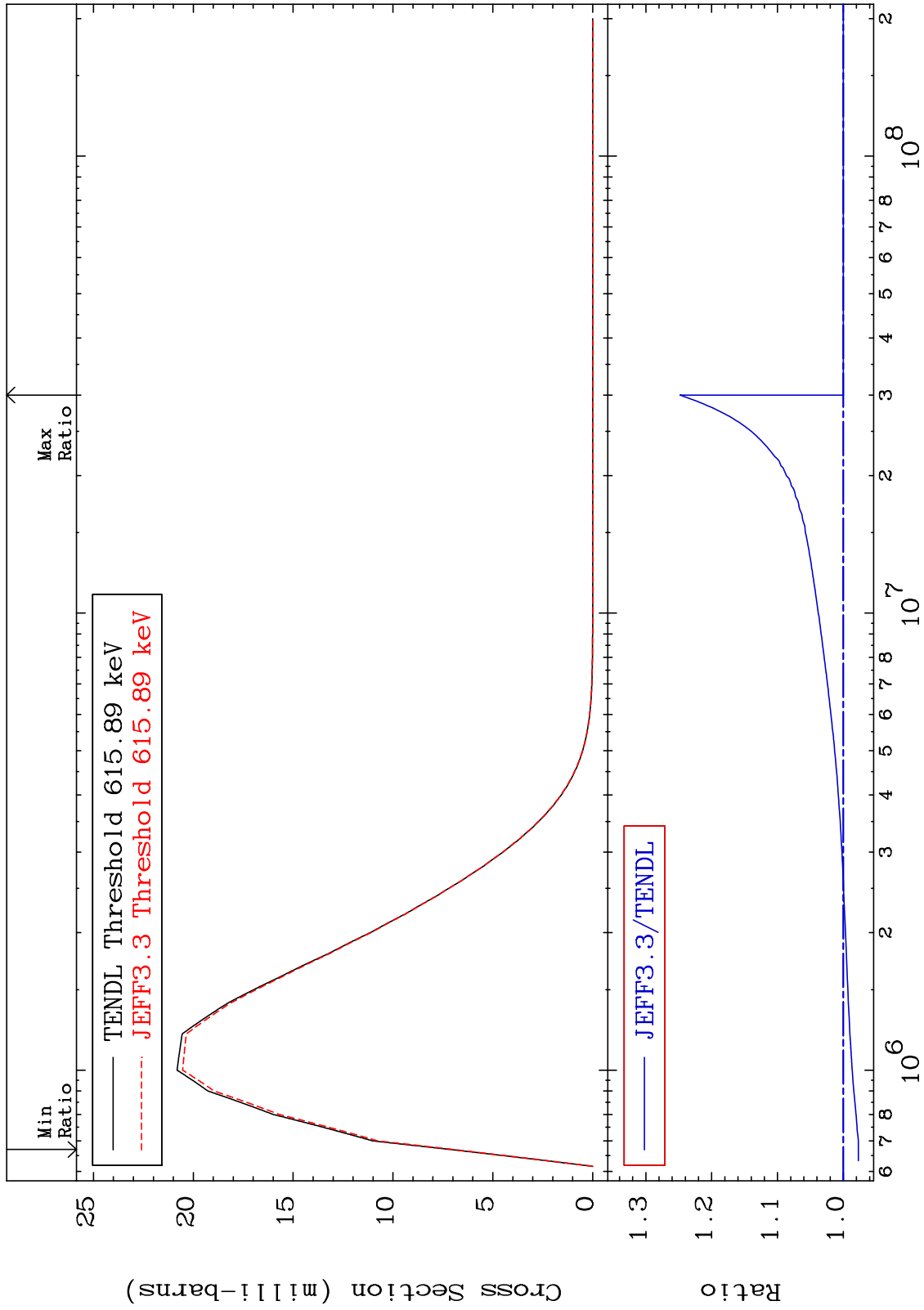


MAT 7840 MT= 70 (n,n') Level  
 Cross Section 78-Pt-195  
 -1.196 To 0.241 %



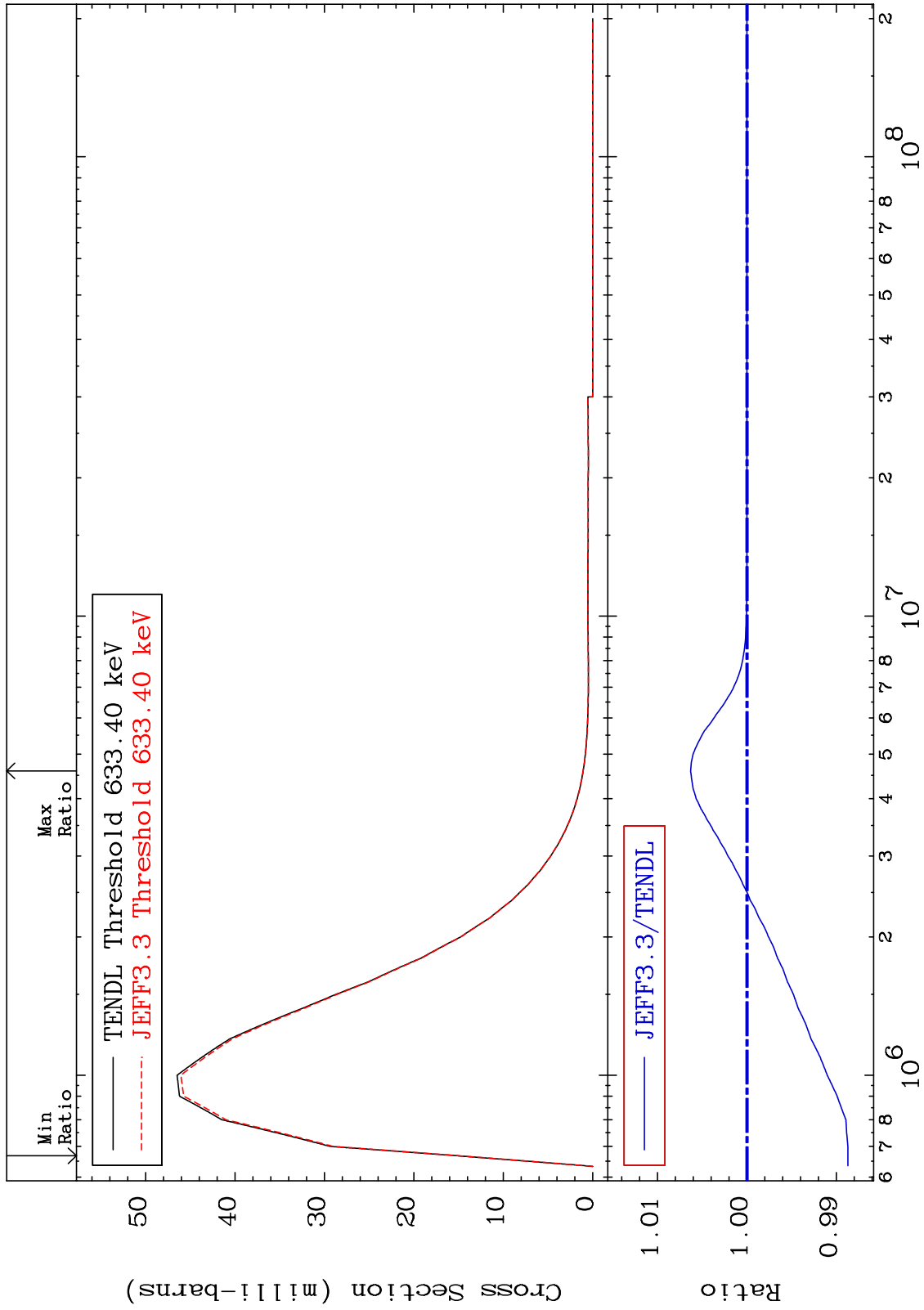


MAT 7840 MT= 71 (n,n') Level Cross Section 78-Pt-195  
 -2.290 To 24.81 %

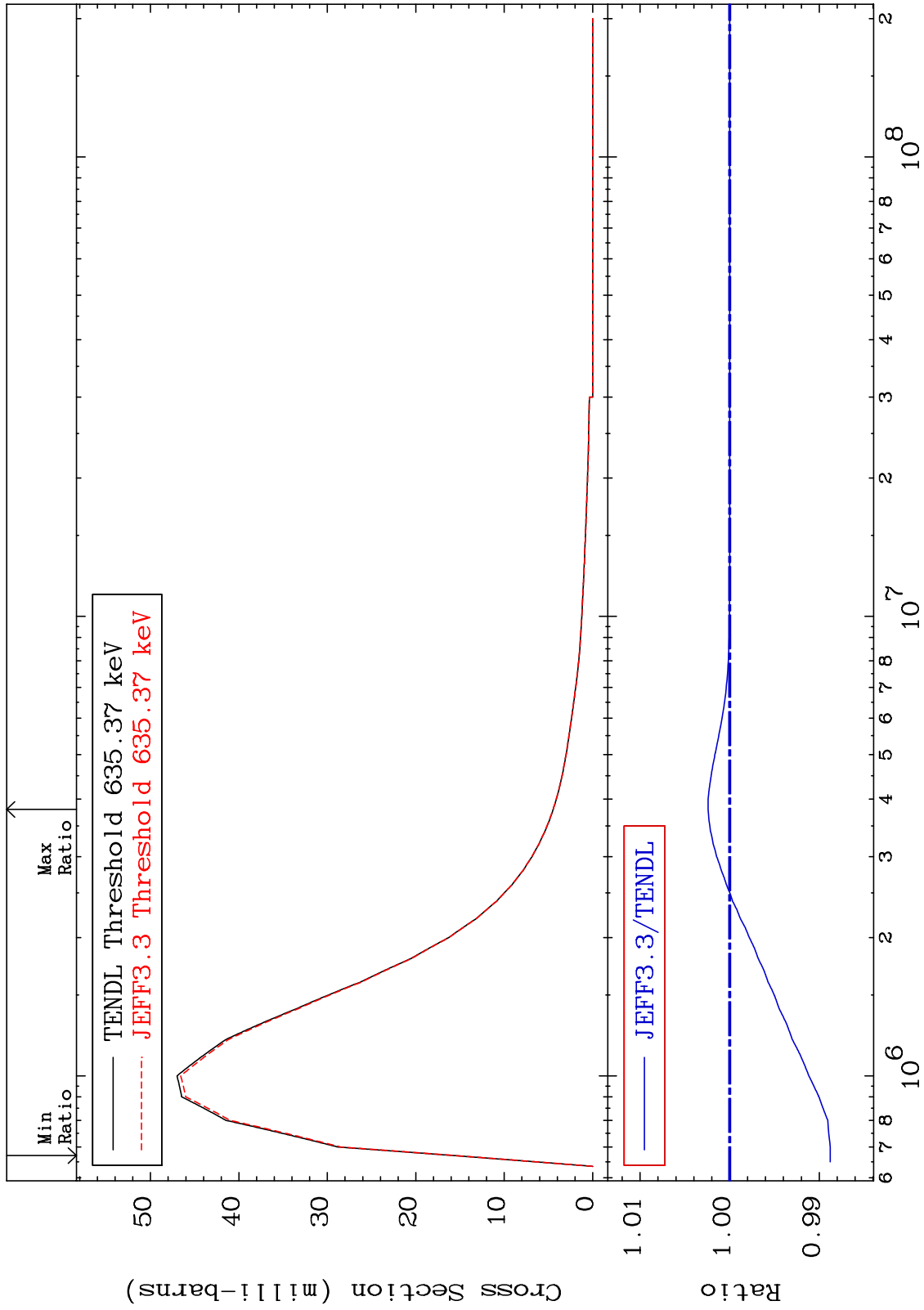


40 78-Pt-195

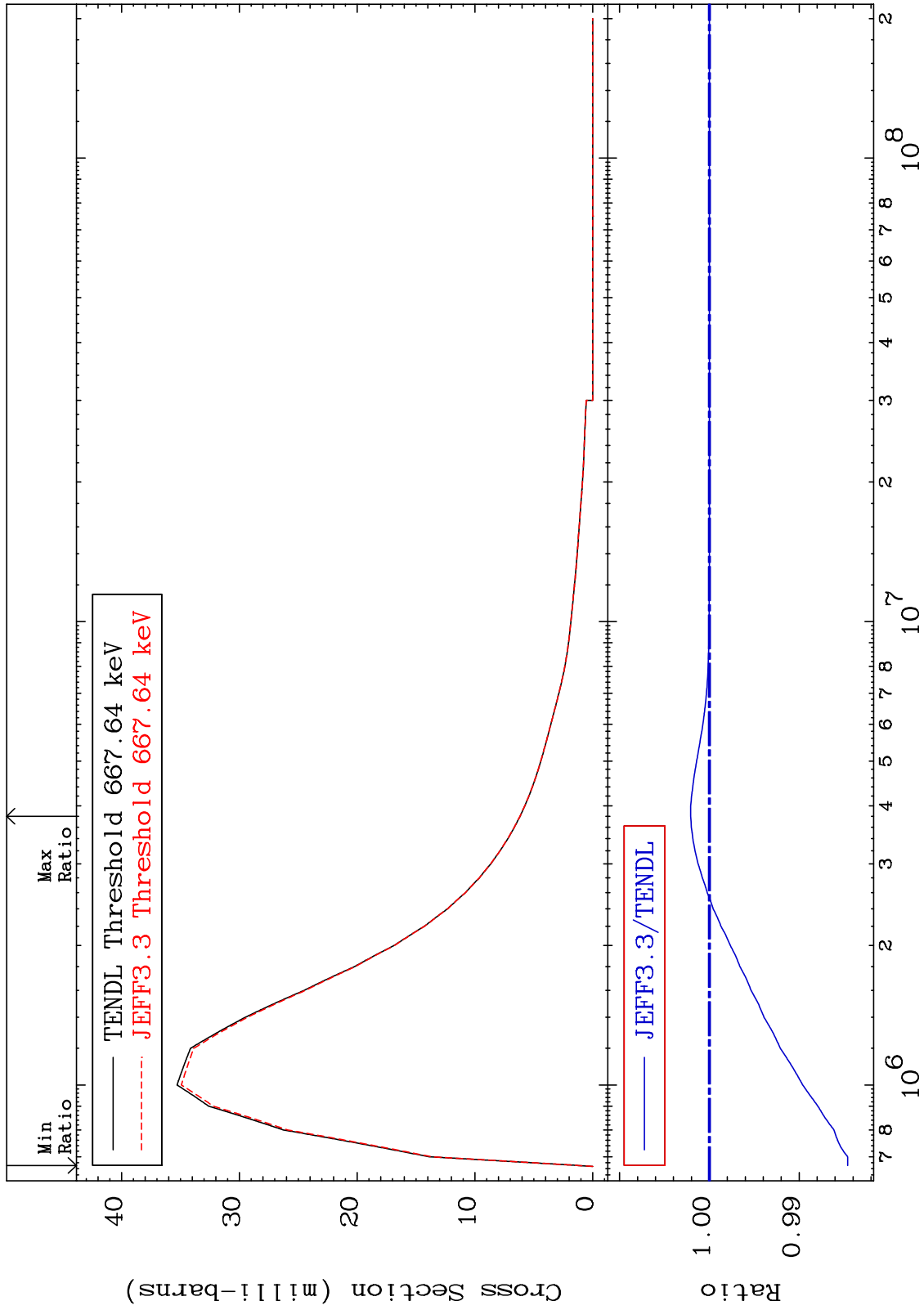
MAT 7840 MT= 72 (n,n') Level Cross Section 78-Pt-195  
 -1.128 To 0.631 %



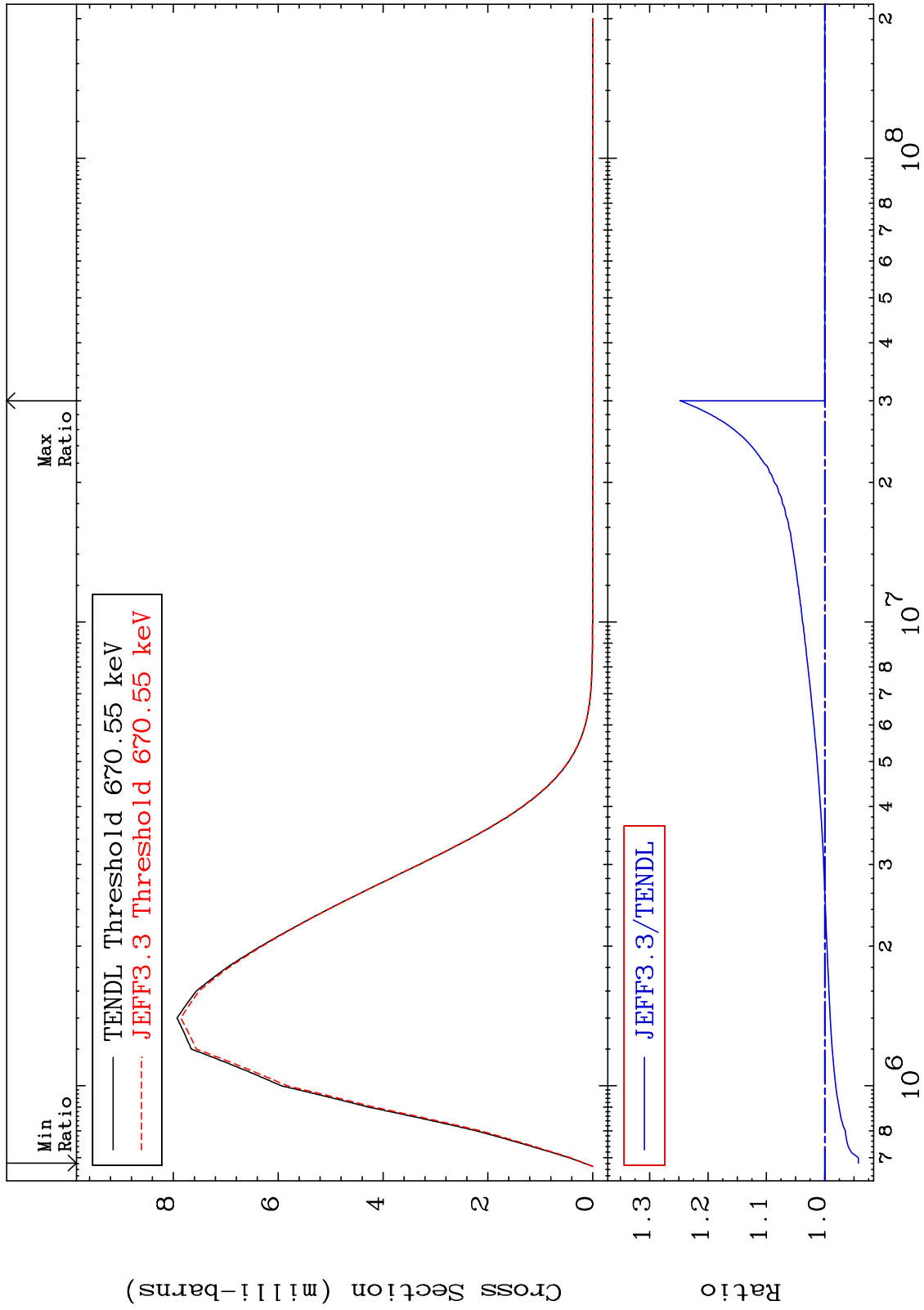
MAT 7840 MT= 73 (n,n') Level Cross Section 78-Pt-195  
 -1.123 To 0.241 %



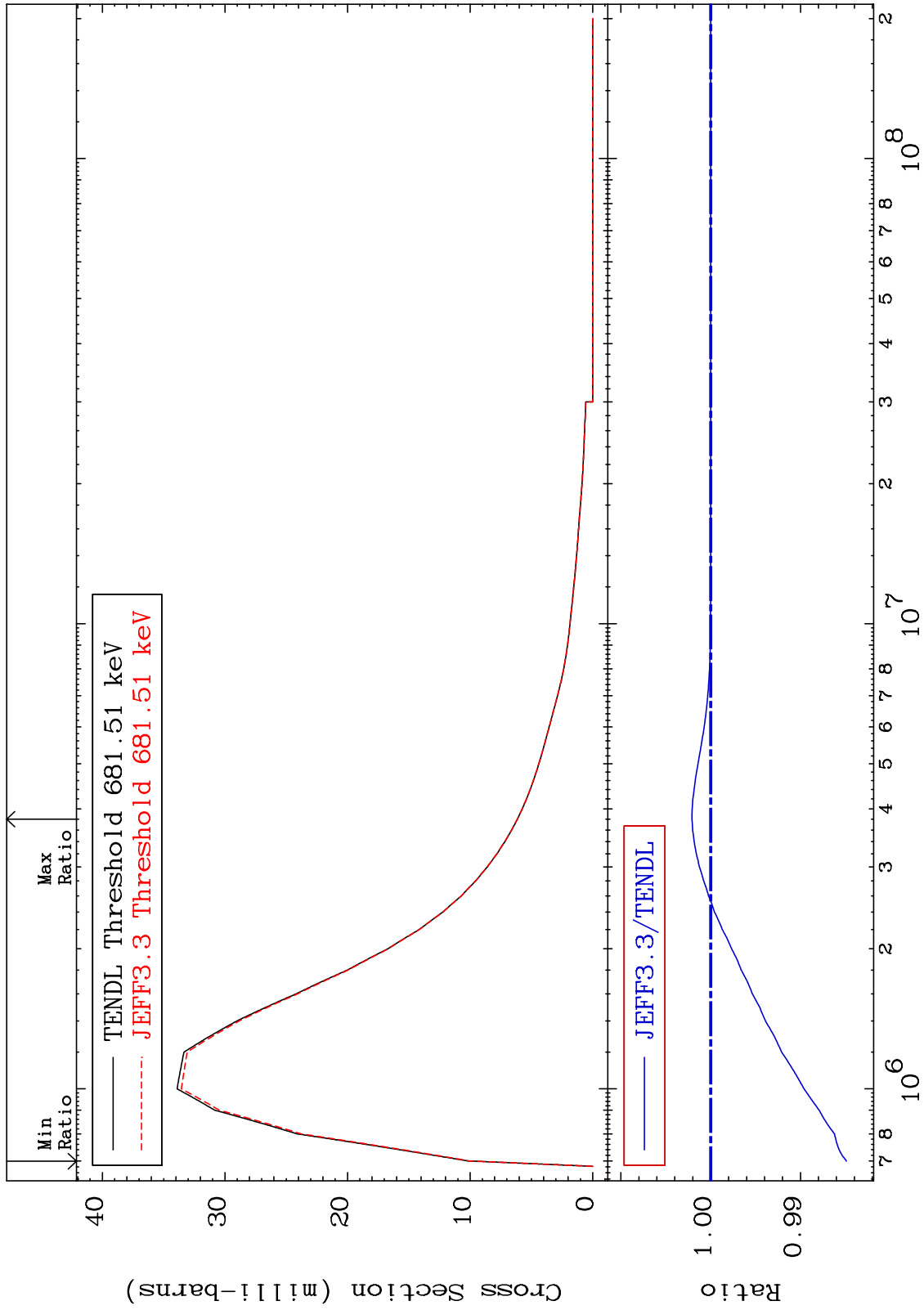
MAT 7840 MT= 74 (n,n') Level Cross Section 78-Pt-195  
 -1.541 To 0.208 %



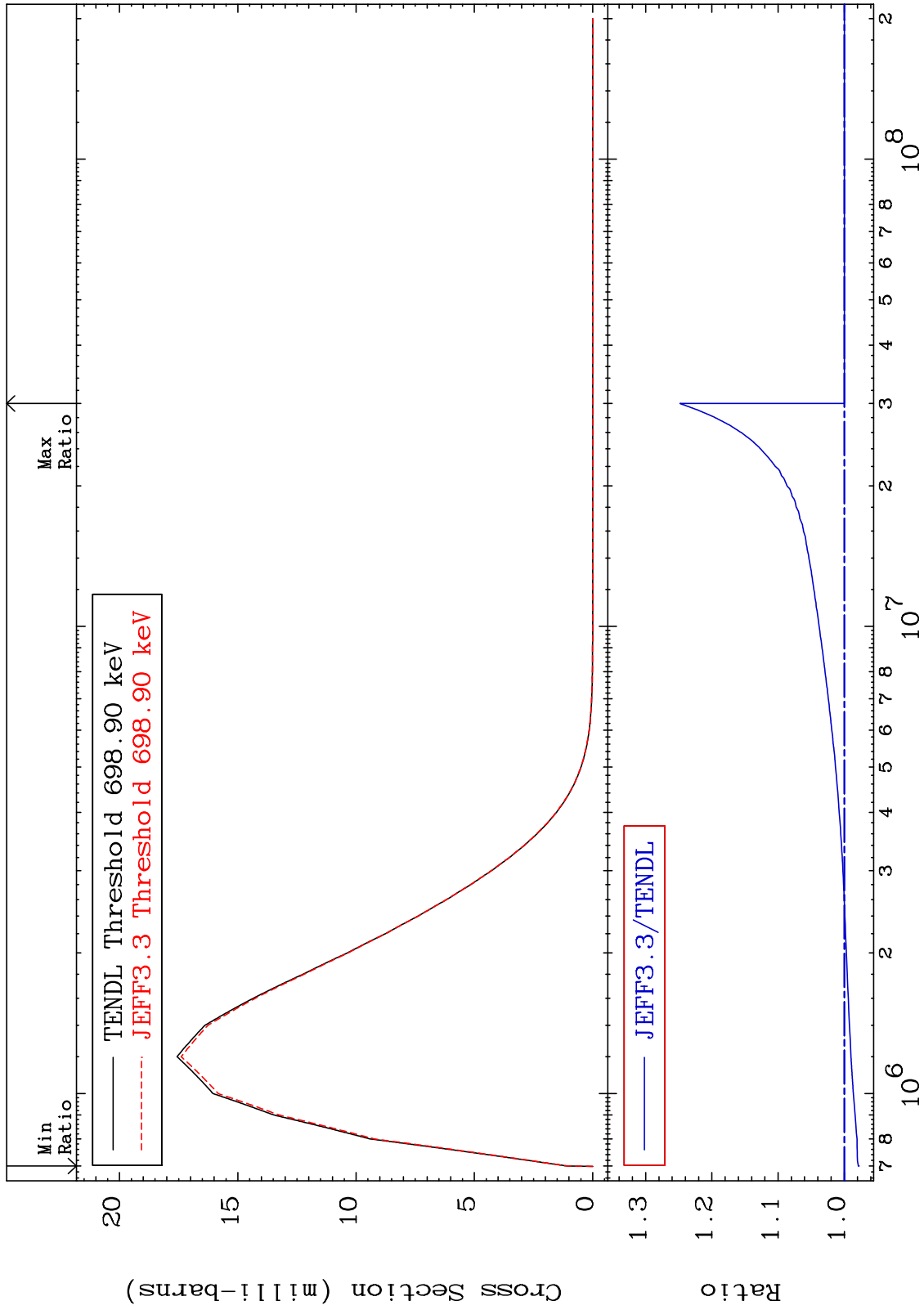
MAT 7840 MT= 75 (n,n') Level Cross Section 78-Pt-195  
 -5.742 To 24.79 %



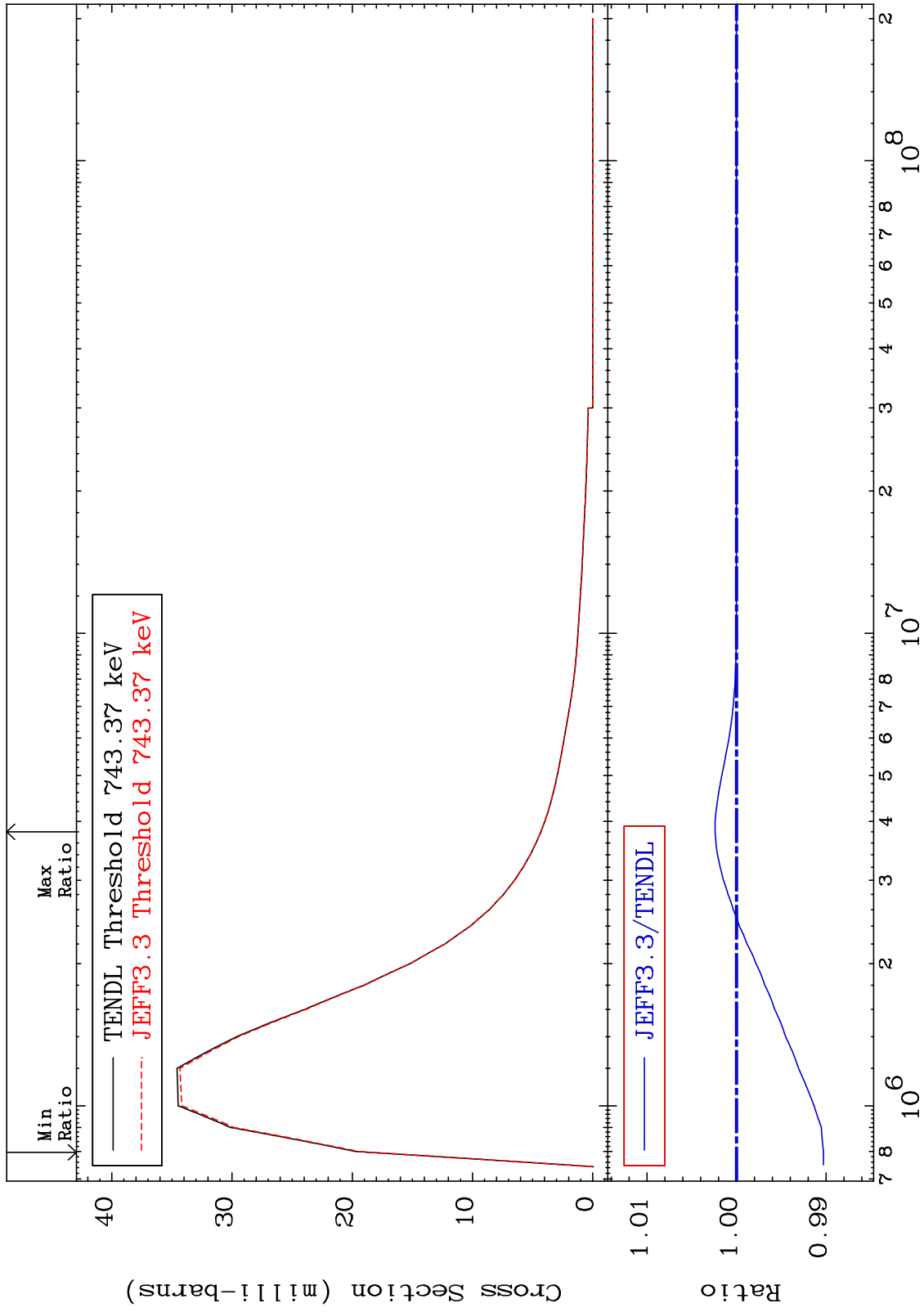
MAT 7840 MT= 76 (n,n') Level  
Cross Section 78-Pt-195  
-1.512 To 0.208 %



MAT 7840 MT= 77 (n,n') Level Cross Section 78-Pt-195  
 -2.129 To 24.81 %



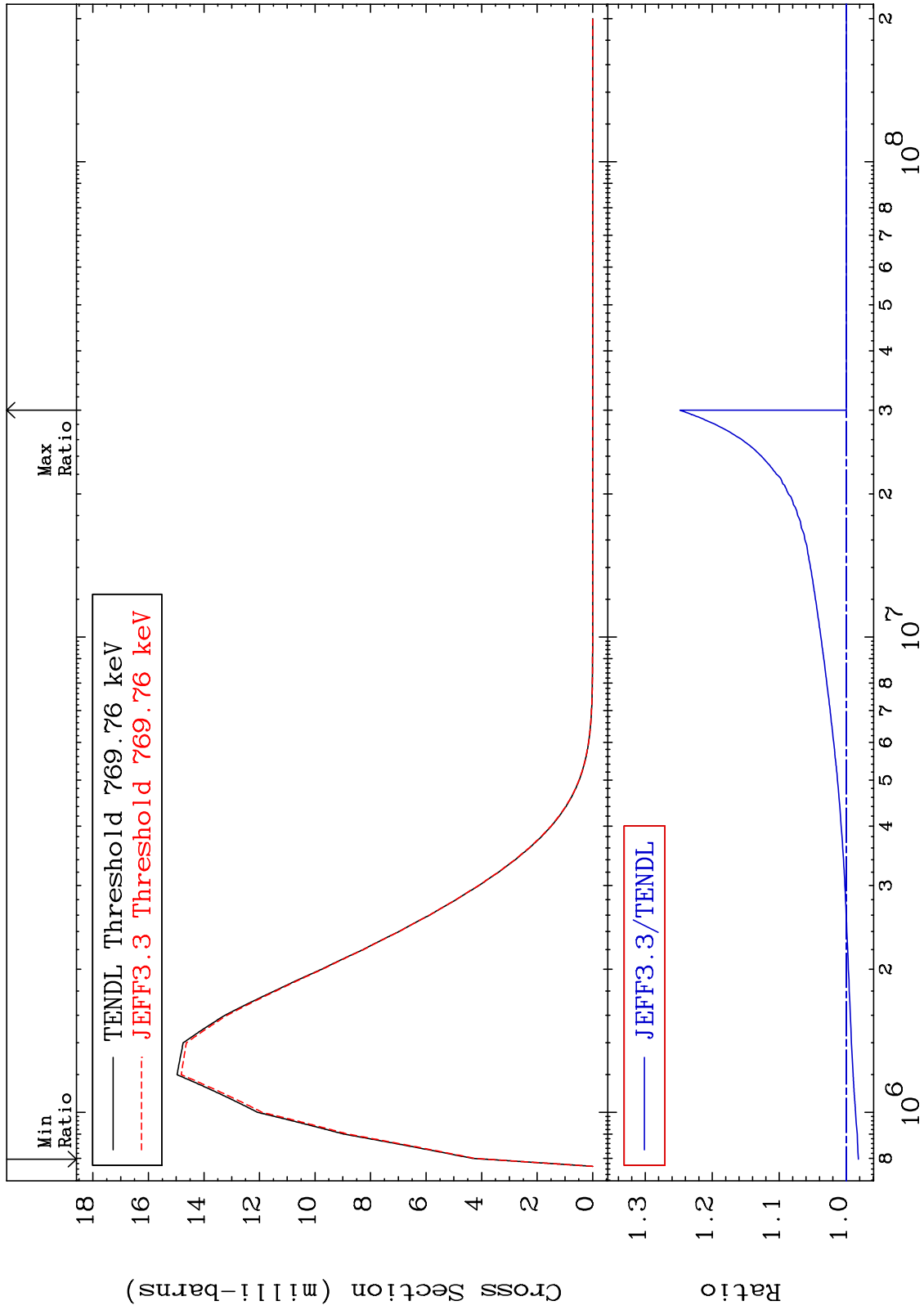
MAT 7840 MT= 78 (n,n') Level Cross Section 78-Pt-195  
-0.971 To 0.241 %



47 78-Pt-195



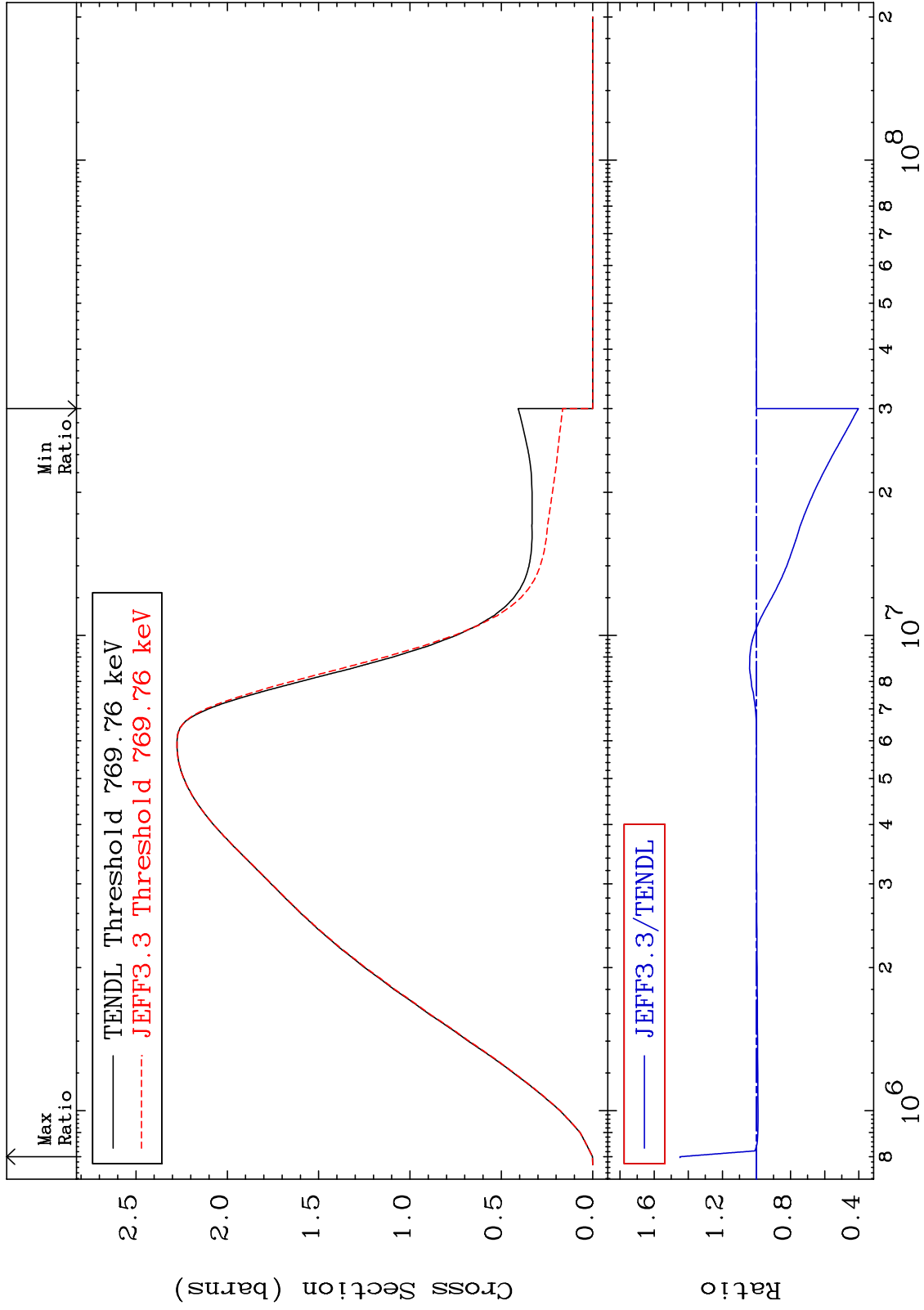
MAT 7840 MT= 79 (n,n') Level Cross Section 78-Pt-195  
 -1.807 To 24.81 %



MAT 7840

(n, n') Continuum  
Cross Section

78-Pt-195  
-59.77 To 44.84 %



49

Incident Energy (eV)

78-Pt-195

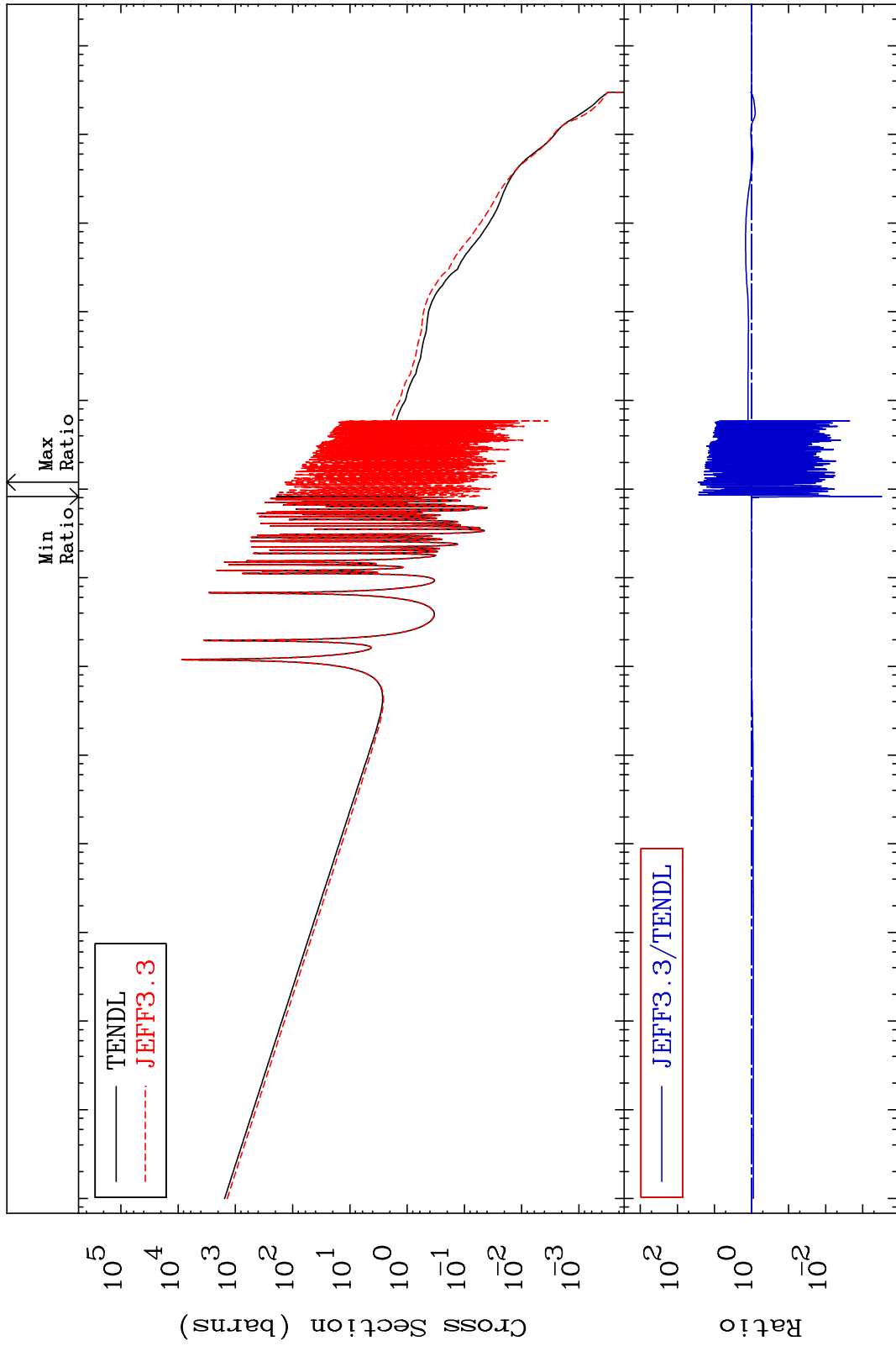
MAT 7840

(n,  $\gamma$ )

78-Pt-195

Cross Section

-99.97 To 2621. %



Incident Energy (eV)

78-Pt-195

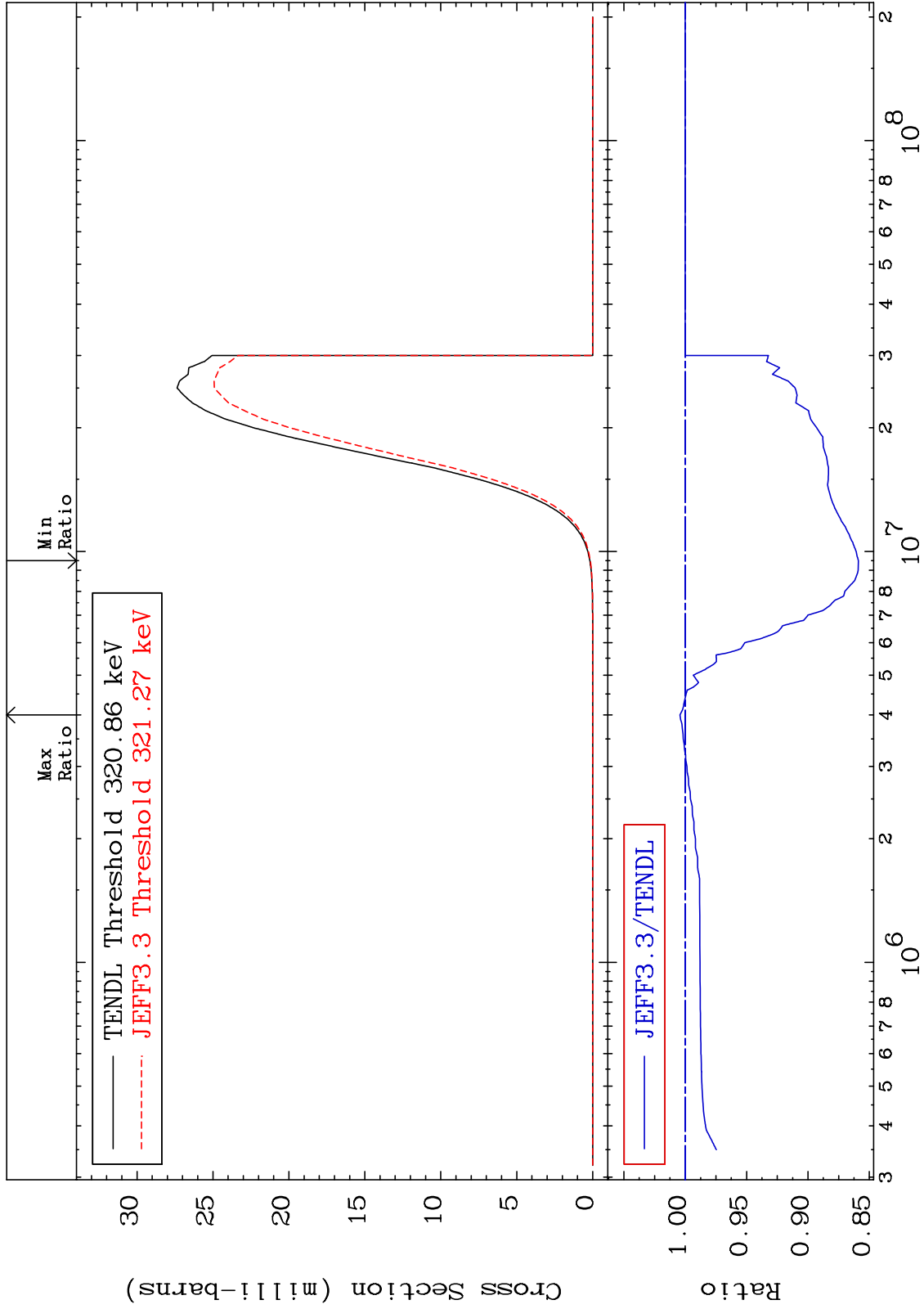
MAT 7840

(n, p)

78-Pt-195

Cross Section

-14.11 To 0.429 %



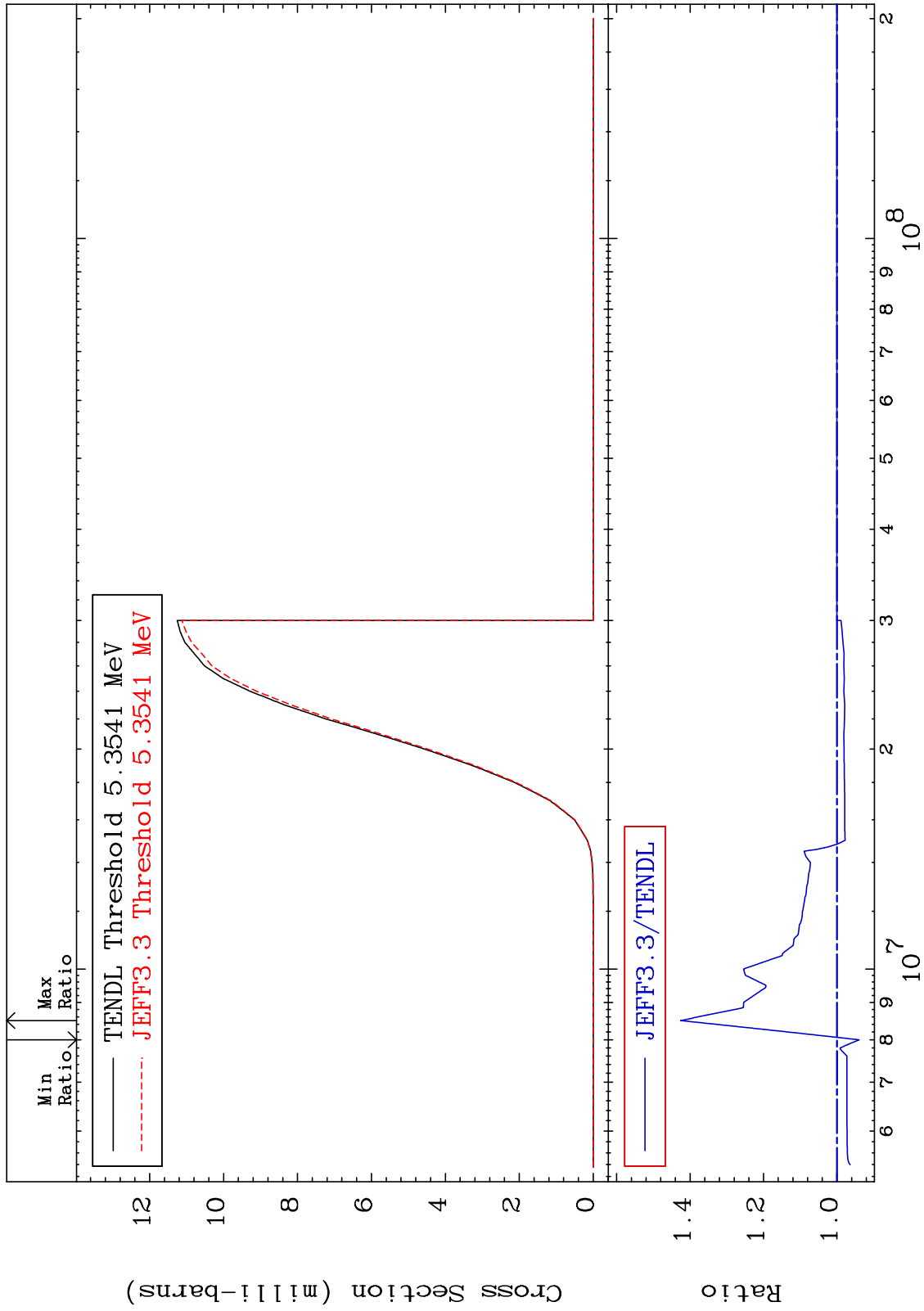
MAT 7840

(n, d)

78-Pt-195

Cross Section

-6.049 To 42.58 %



52

Incident Energy (eV)

78-Pt-195

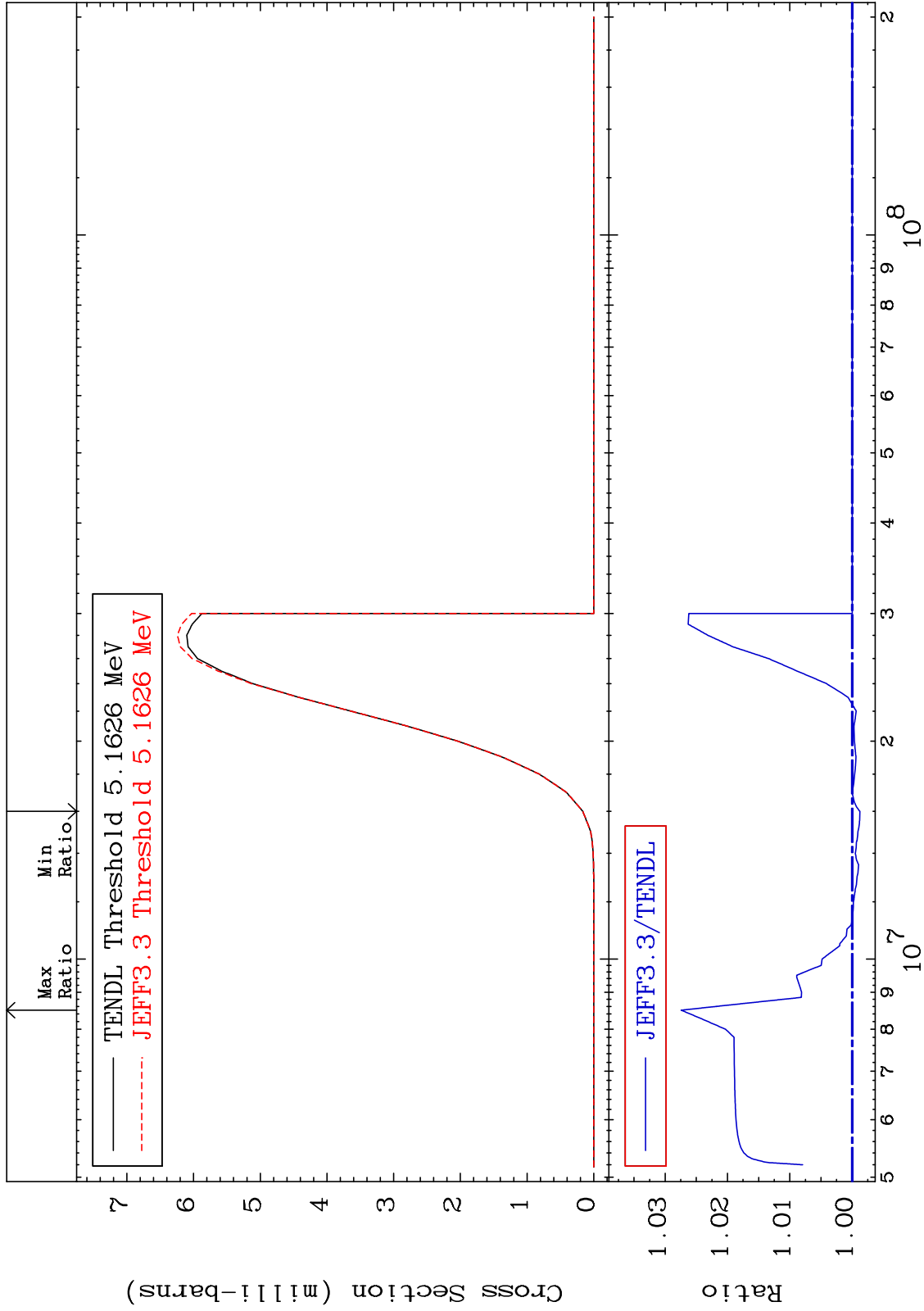
MAT 7840

(n, t)

78-Pt-195

Cross Section

-0.125 To 2.743 %



Incident Energy (eV)

78-Pt-195

53

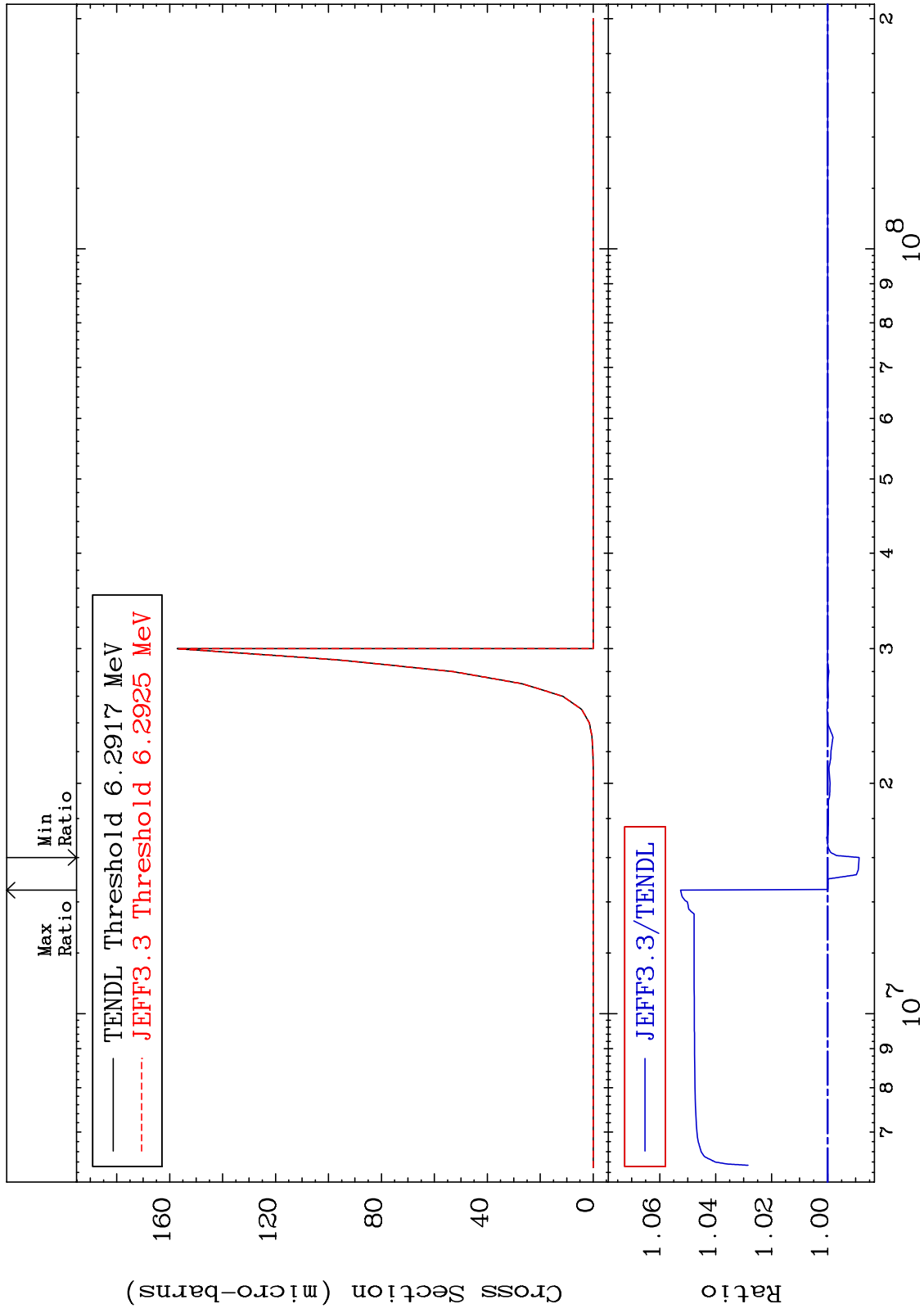
MAT 7840

(n, He-3)

78-Pt-195

Cross Section

-1.128 To 5.253 %



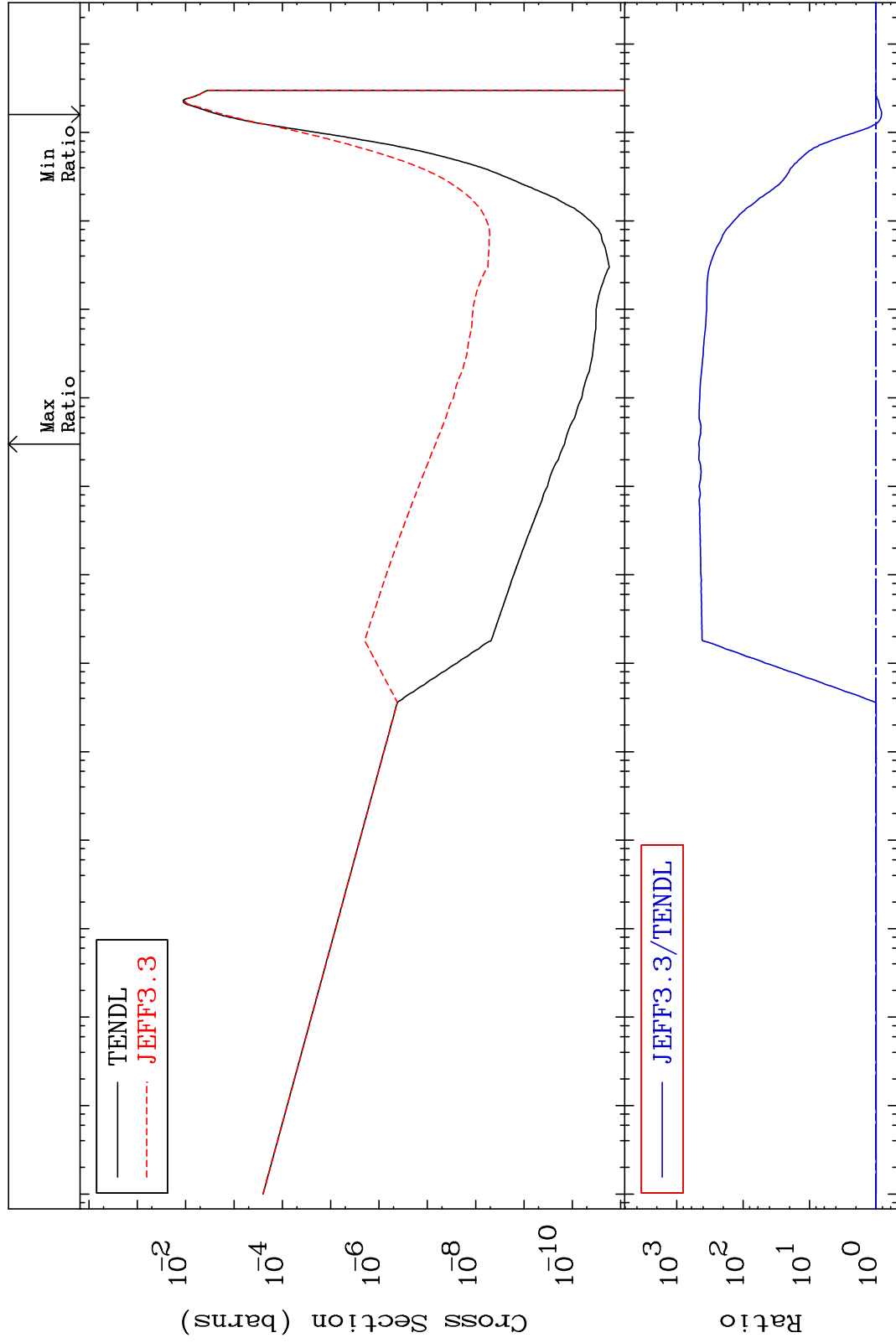
MAT 7840

(n,  $\alpha$ )

78-Pt-195

Cross Section

-17.72 To 9999. %



Incident Energy (eV)

55

78-Pt-195



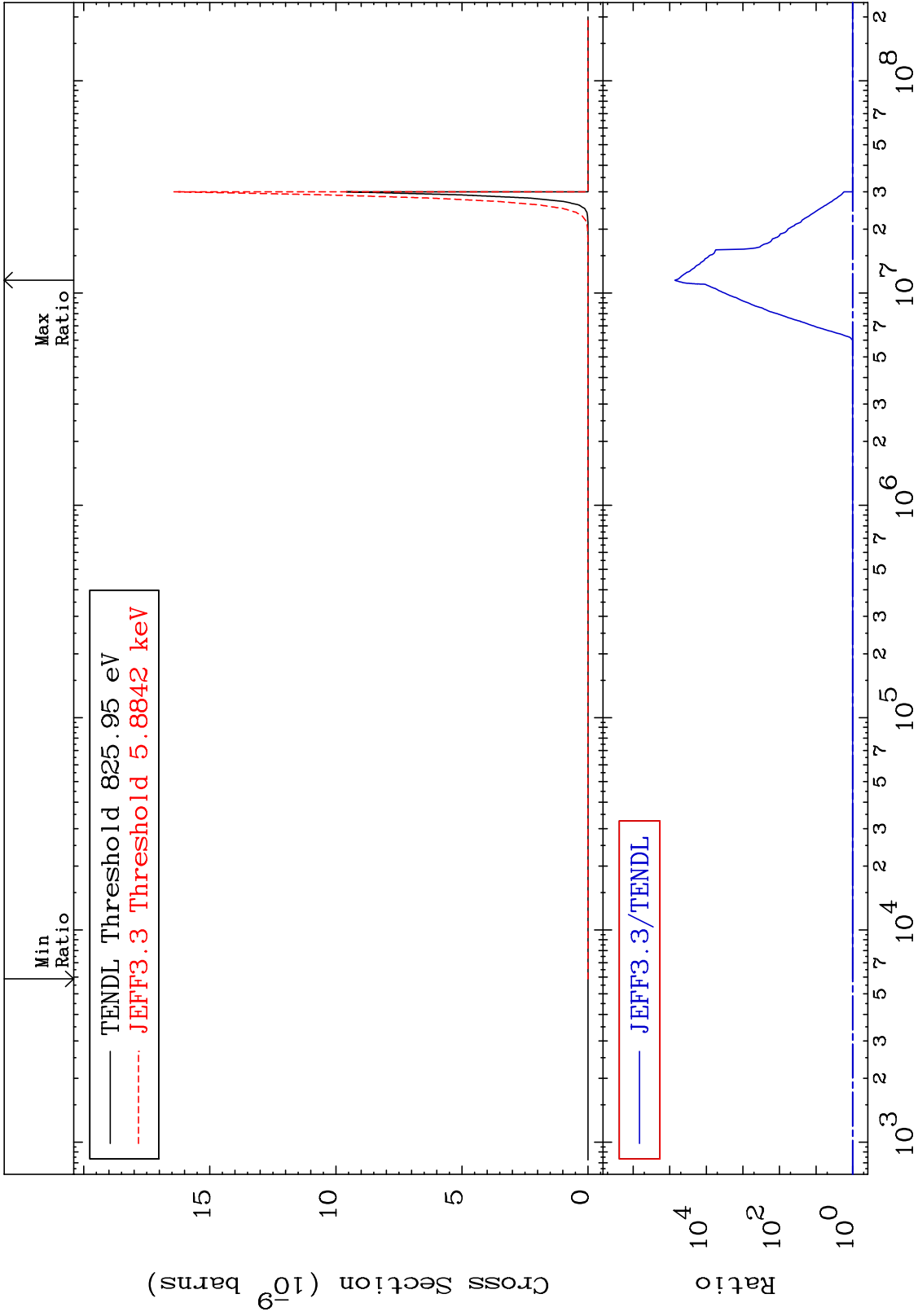
MAT 7840

(n, 2α)

78-Pt-195

Cross Section

0.000 To 9999. %



56

Incident Energy (eV)

78-Pt-195

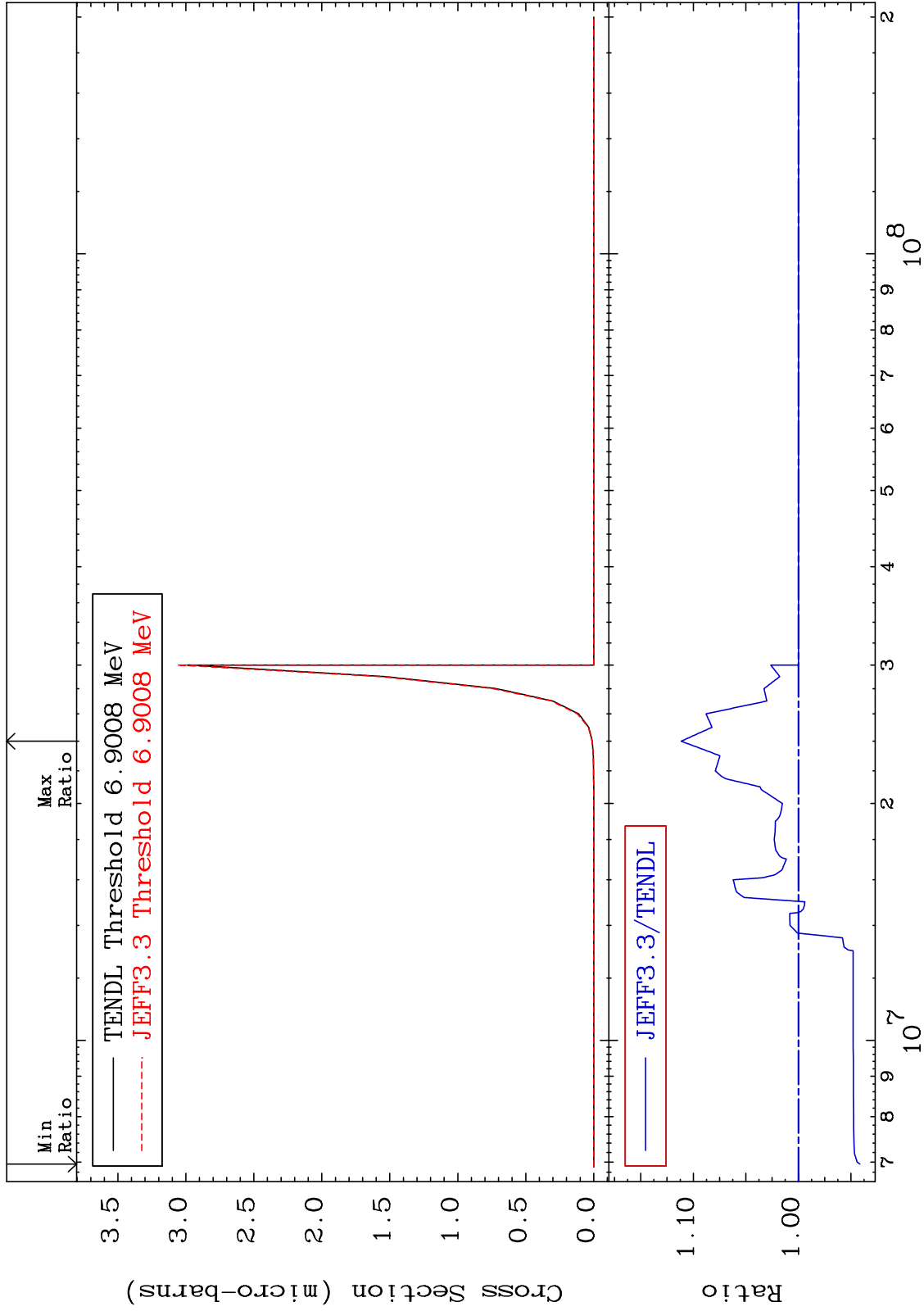
MAT 7840

(n,2p)

78-Pt-195

Cross Section

-5.856 To 11.15 %



57

Incident Energy (eV)

78-Pt-195

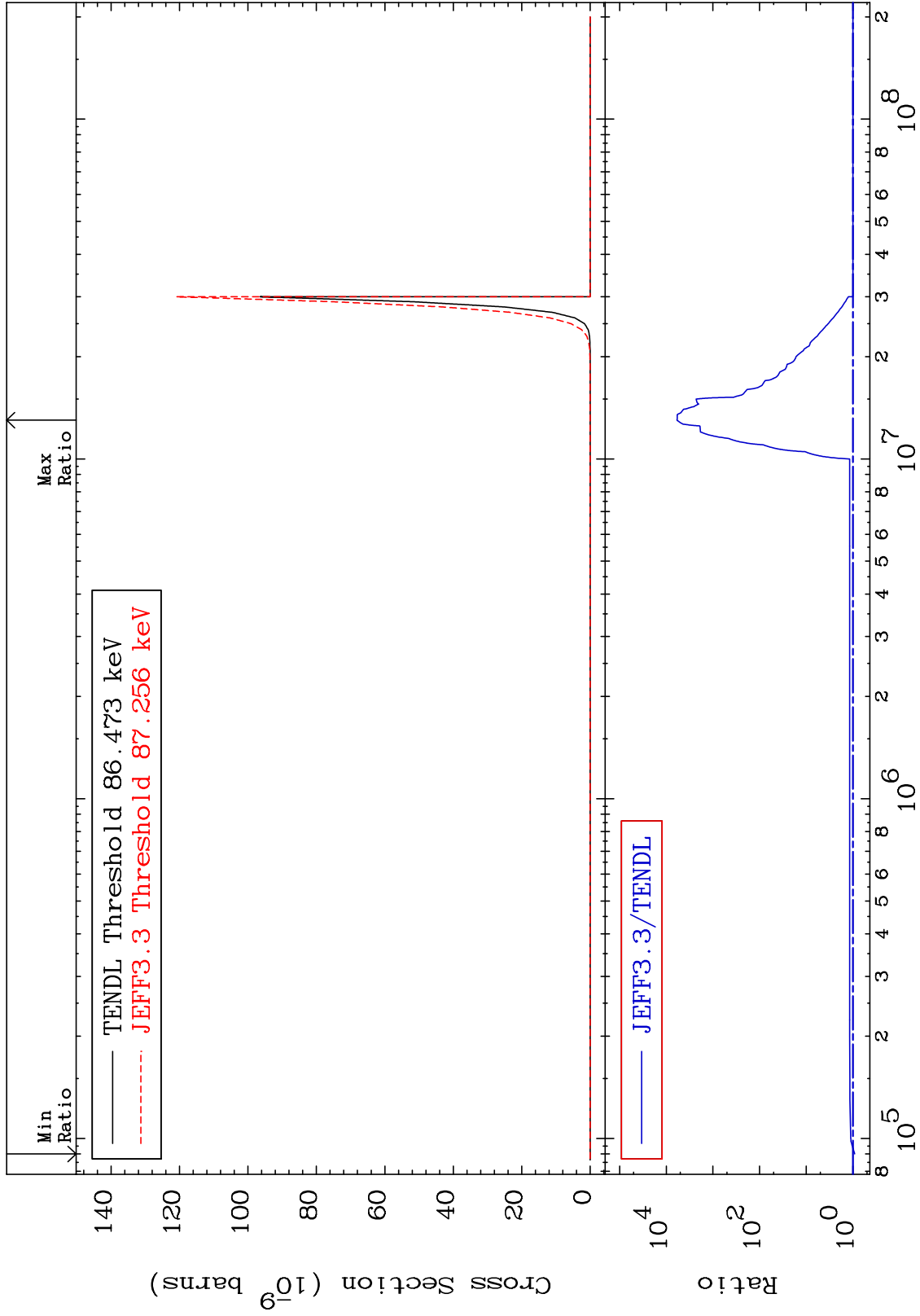
MAT 7840

(n,p)  $\alpha$

78-Pt-195

Cross Section

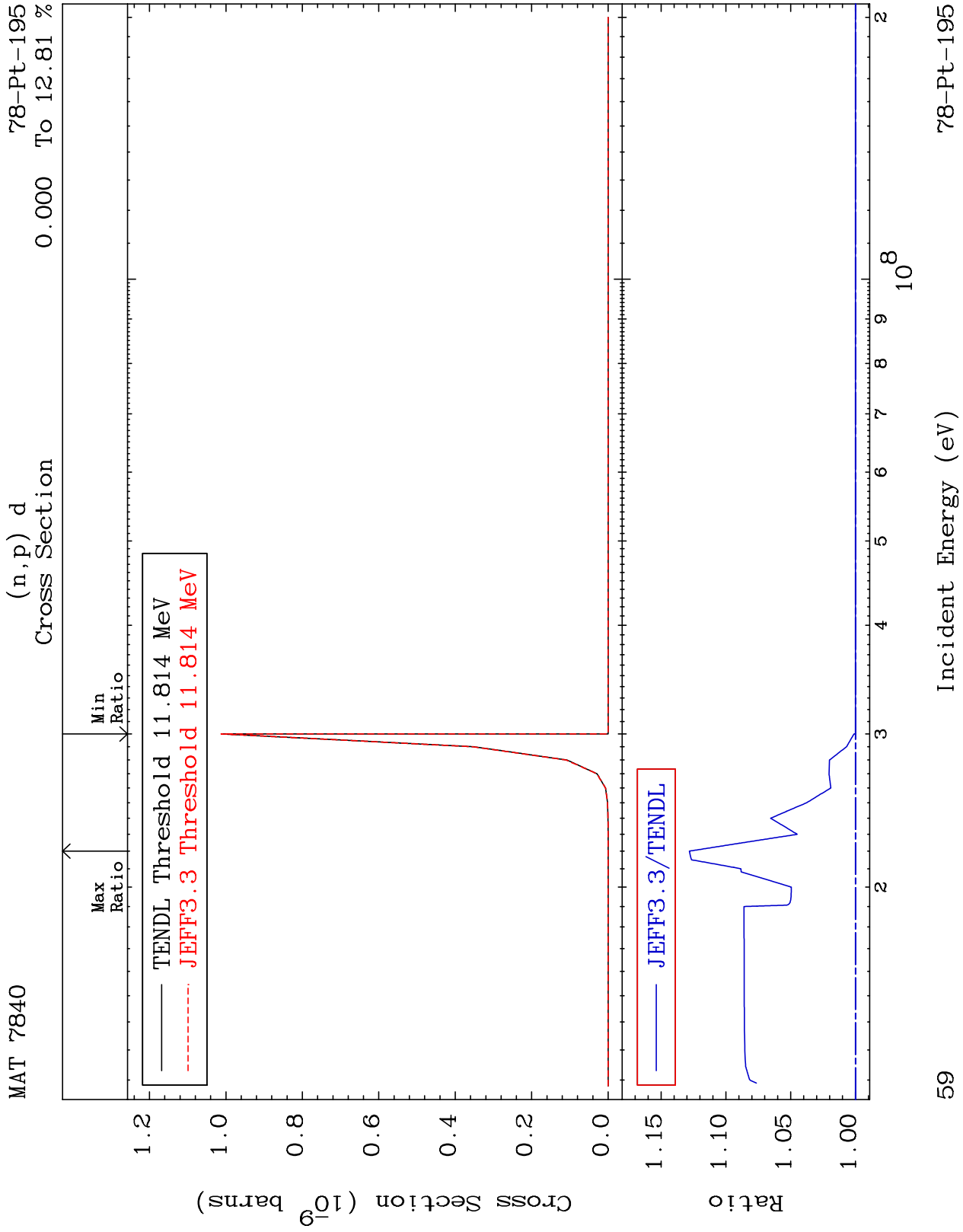
-8.434 To 9999. %



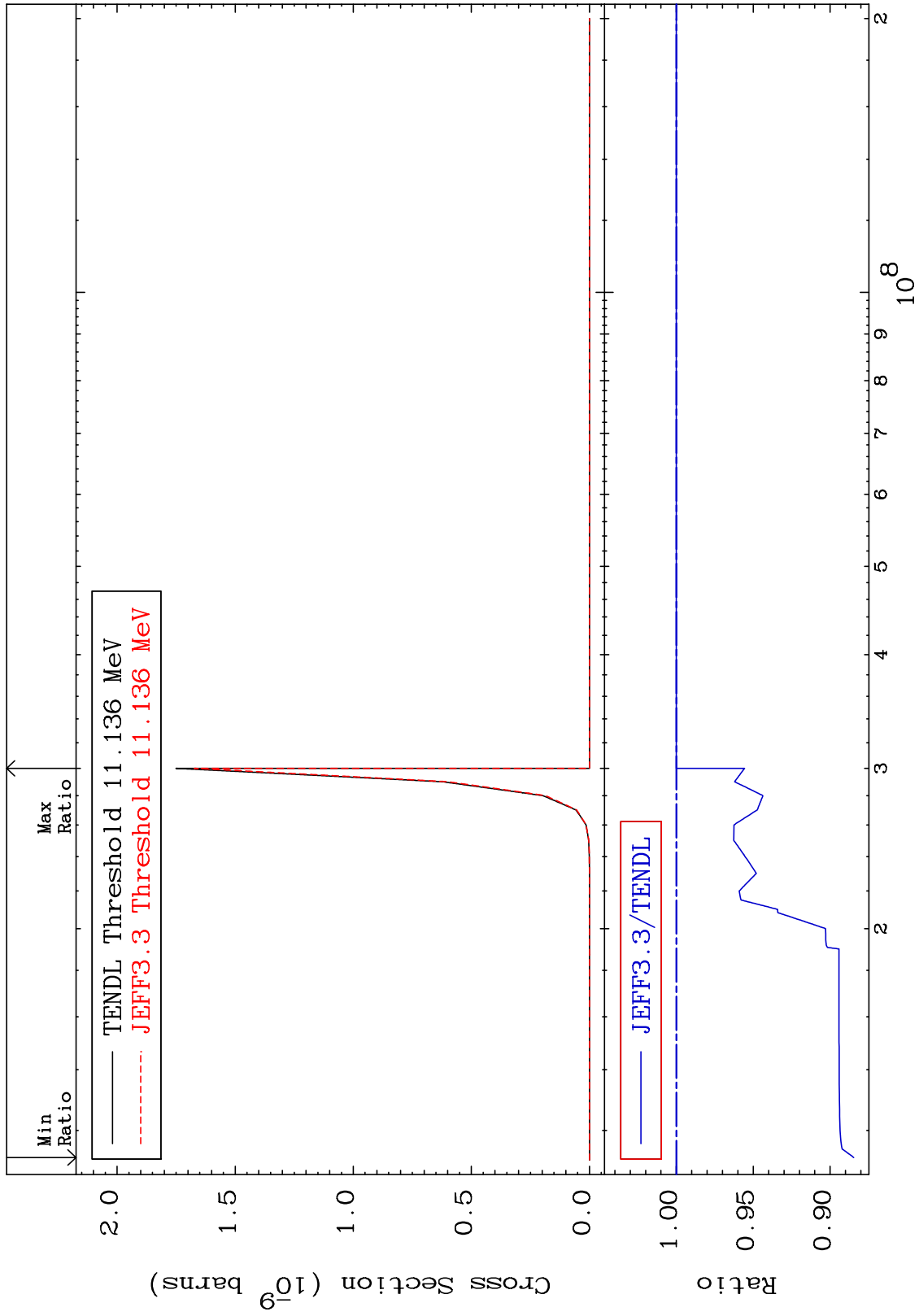
58

Incident Energy (eV)

78-Pt-195



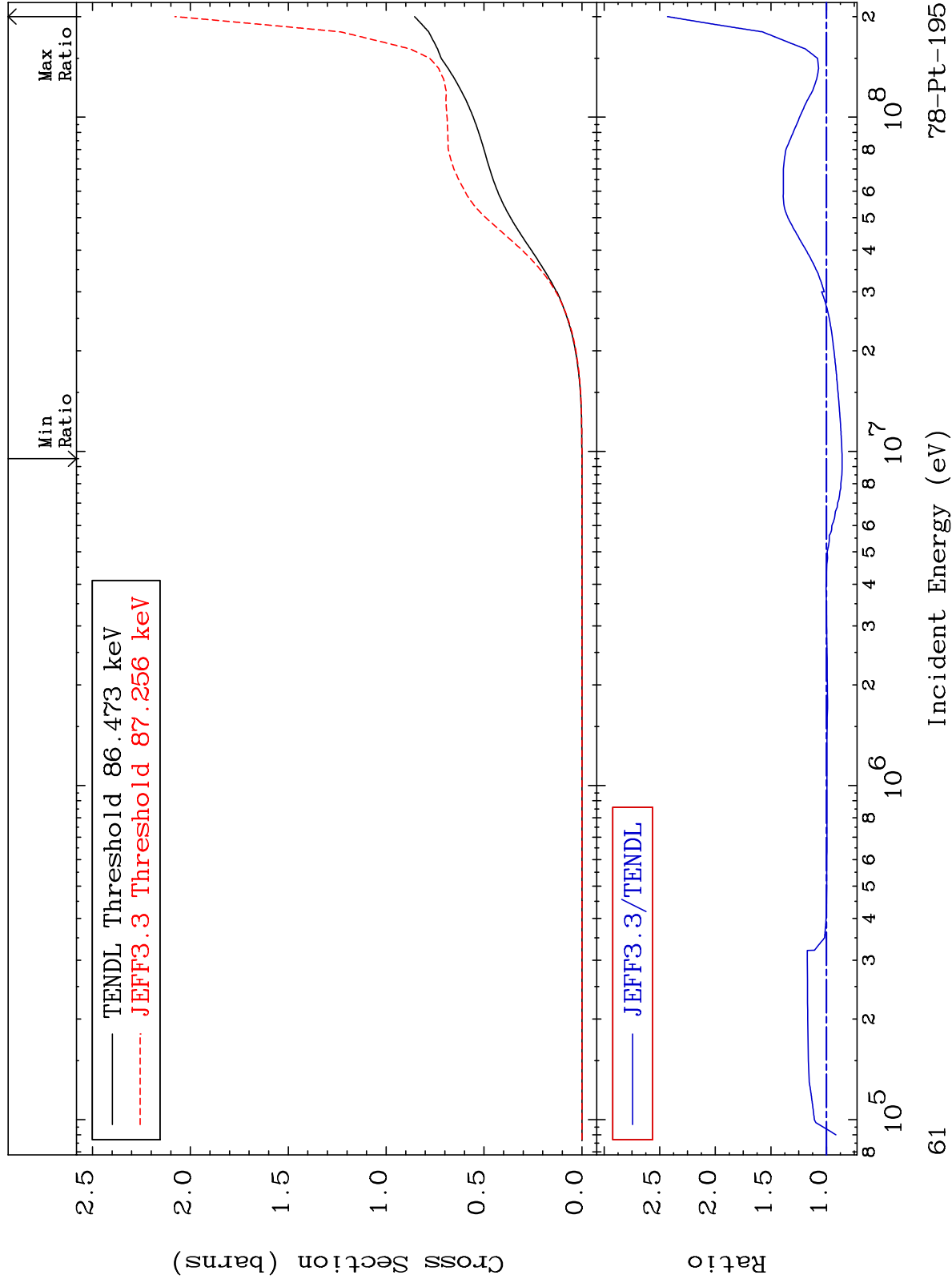
MAT 7840 (n,p) t 78-Pt-195  
 Cross Section -11.54 To 0.000 %



MAT 7840

Hydrogen Production  
Cross Section

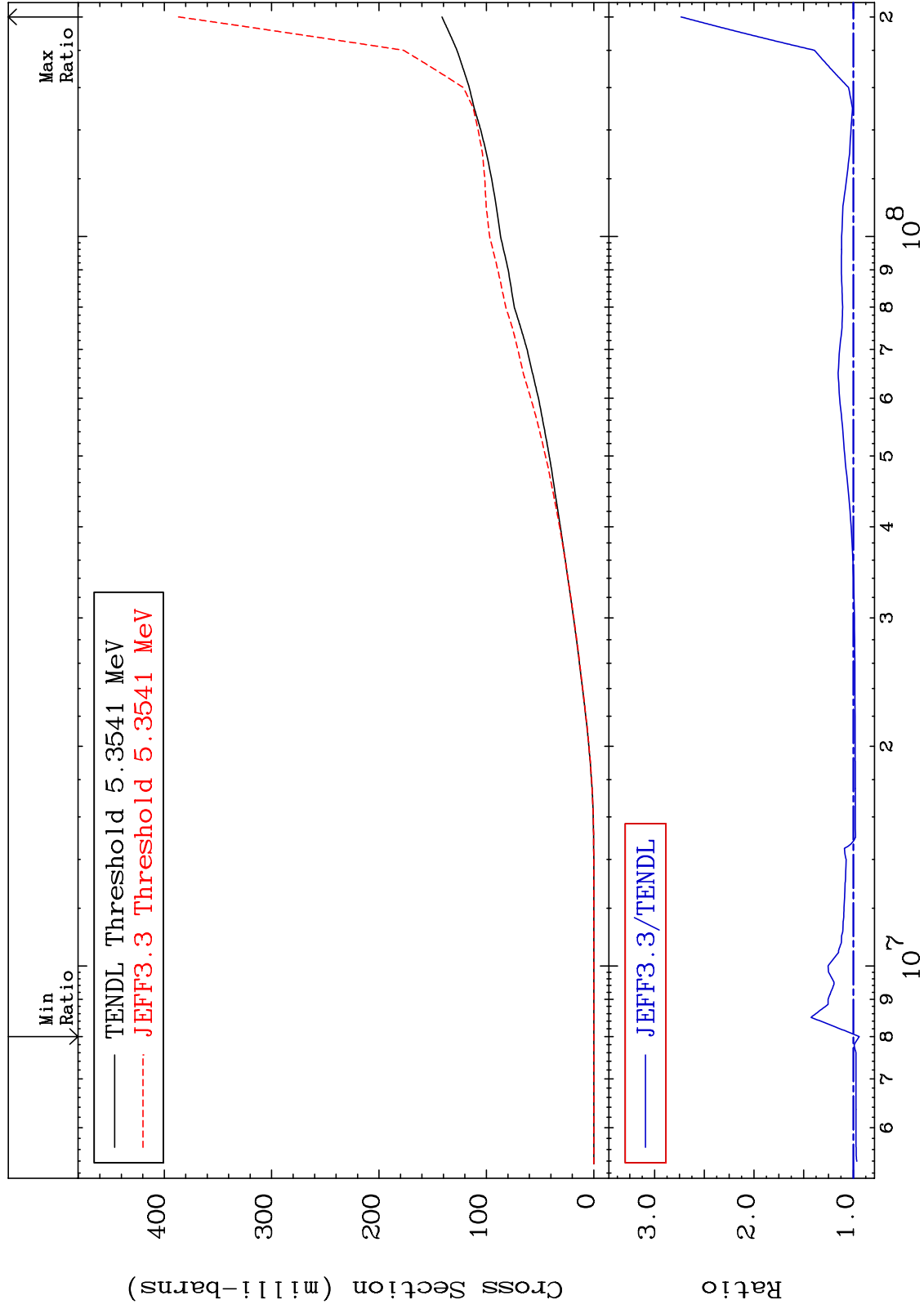
78-Pt-195  
-14.11 To 143.1 %



MAT 7840

Deuterium Production  
Cross Section

78-Pt-195  
-6.049 To 173.4 %



62

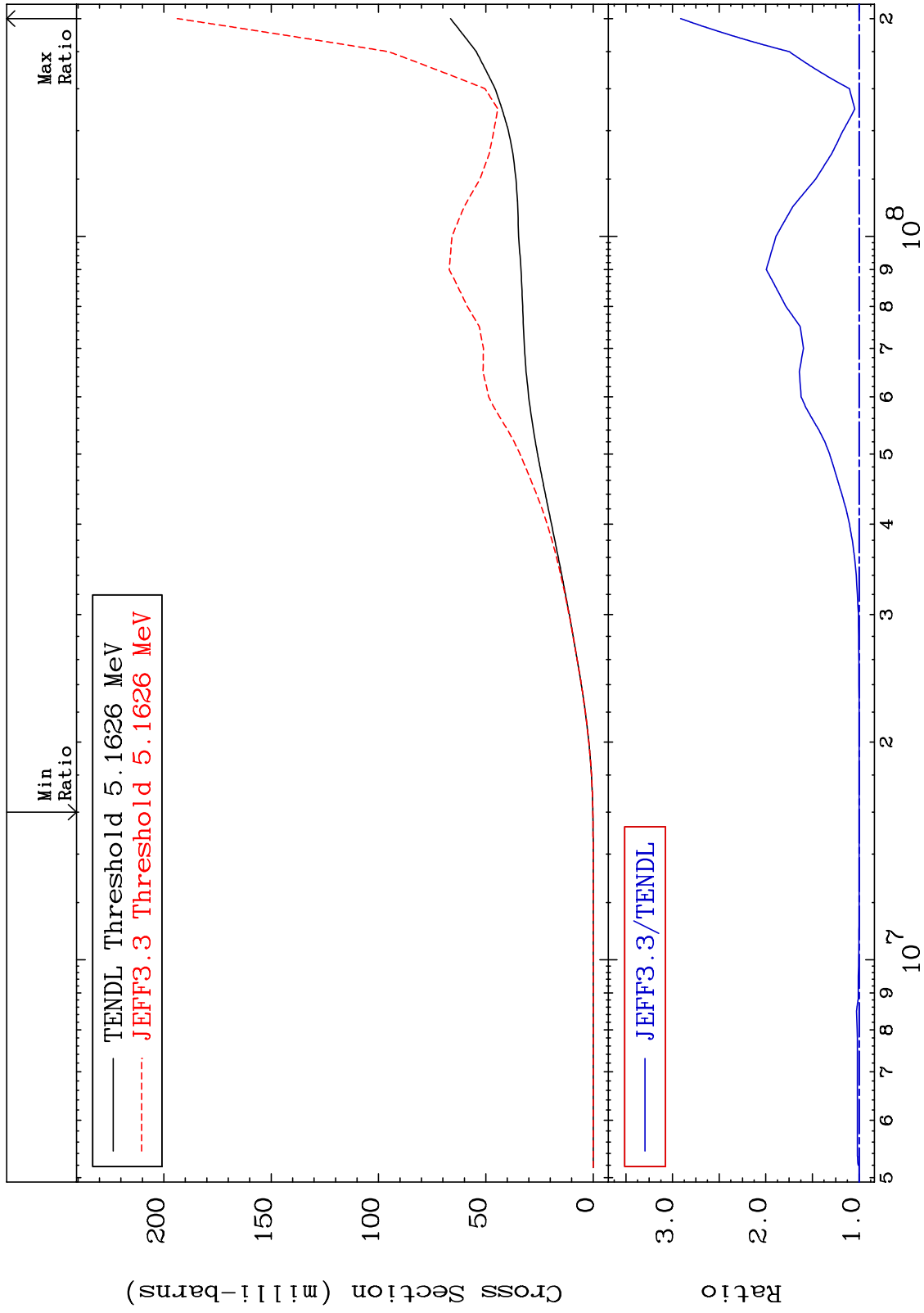
Incident Energy (eV)

78-Pt-195

MAT 7840

Tritium Production  
Cross Section

78-Pt-195  
-0.125 To 191.3 %



63

Incident Energy (eV)

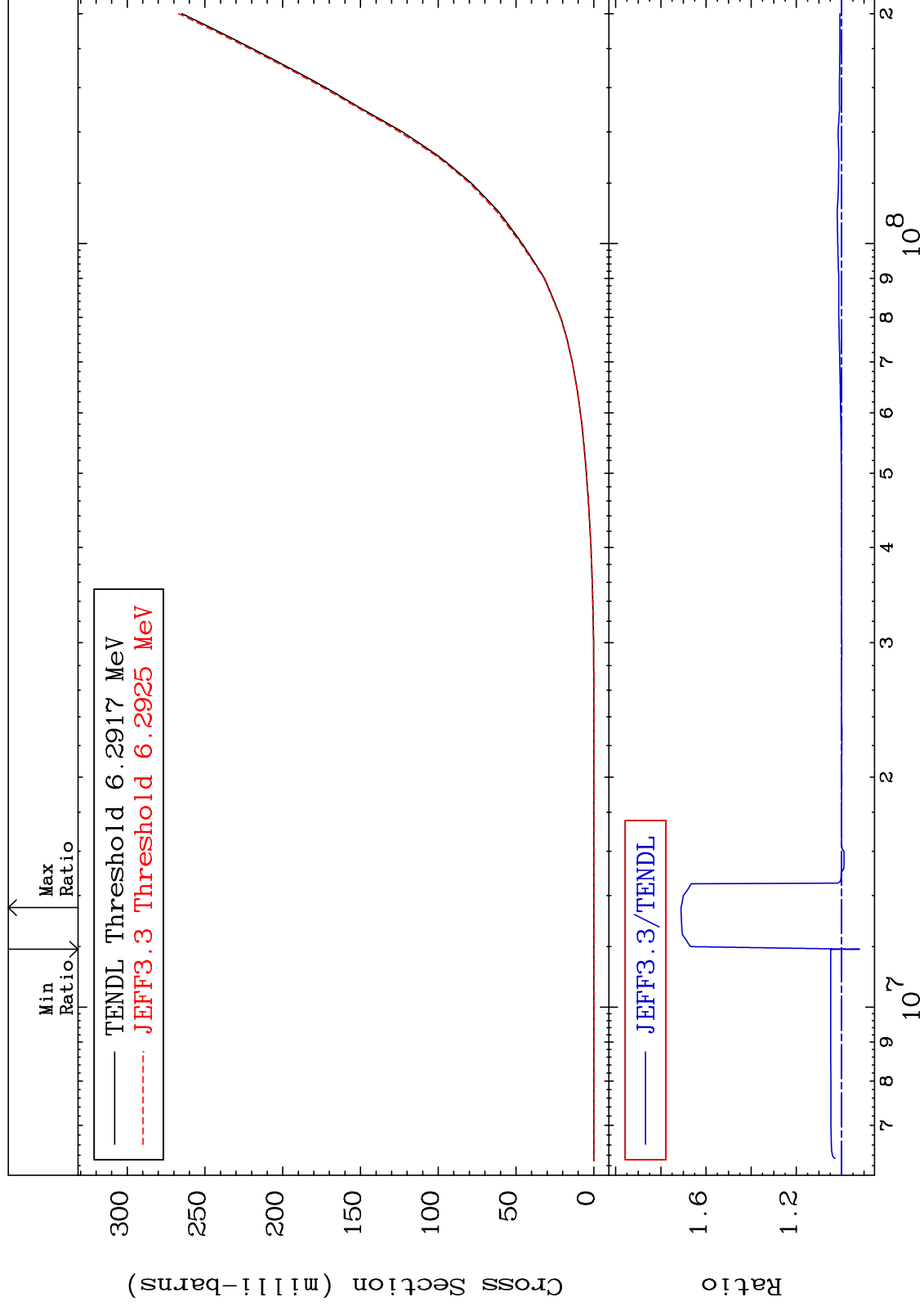
78-Pt-195



MAT 7840

He-3 Production  
Cross Section

78-Pt-195  
-7.864 To 71.05 %



64

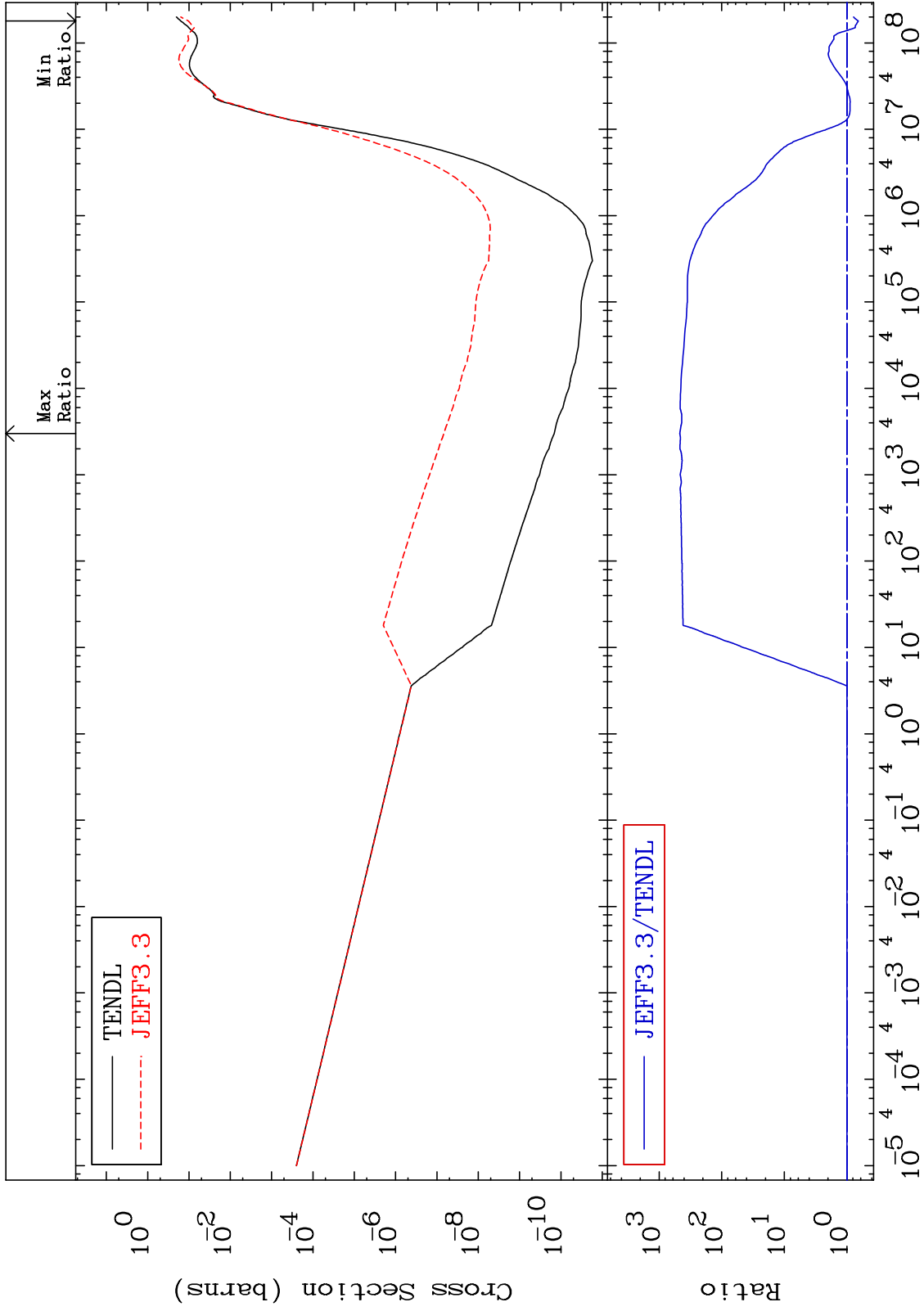
Incident Energy (eV)

78-Pt-195

MAT 7840

He-4 Production  
Cross Section

78-Pt-195  
-34.48 To 9999. %



65

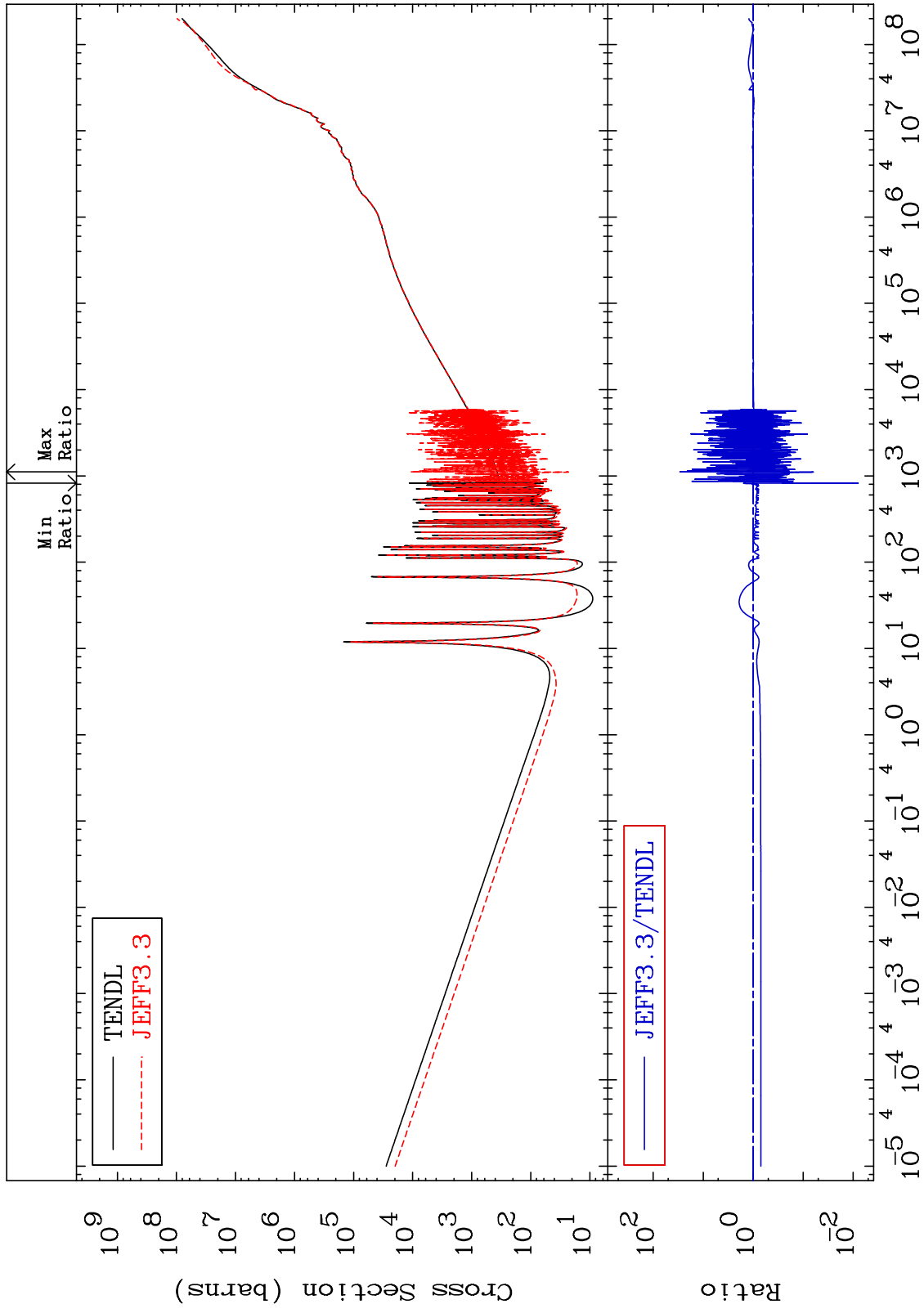
Incident Energy (eV)

78-Pt-195

MAT 7840

Kerma total (eV-barns)  
Cross Section

78-Pt-195  
-99.22 To 2809. %



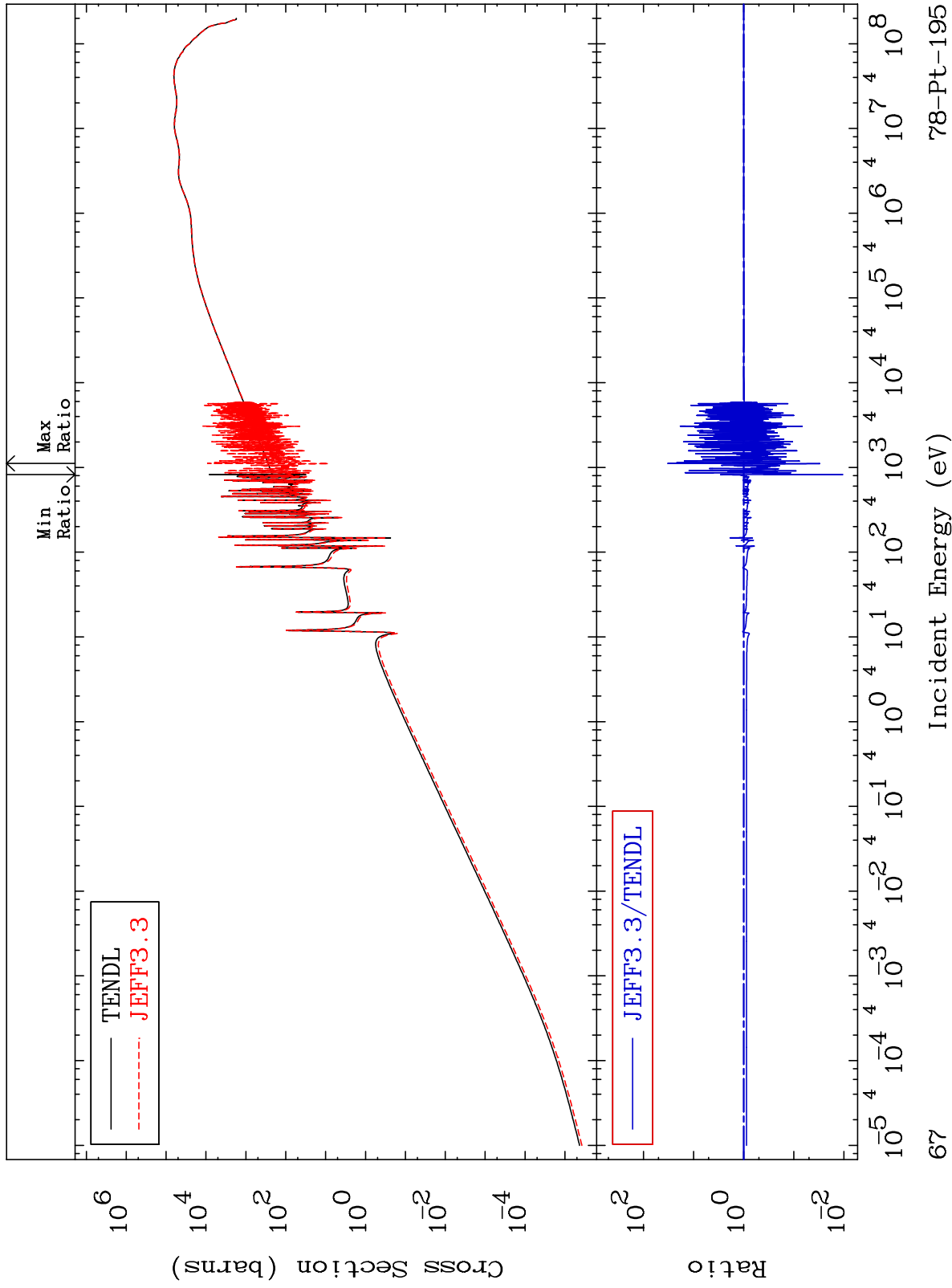
— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 7840

Kerma elastic  
Cross Section

78-Pt-195  
-98.94 To 3206. %



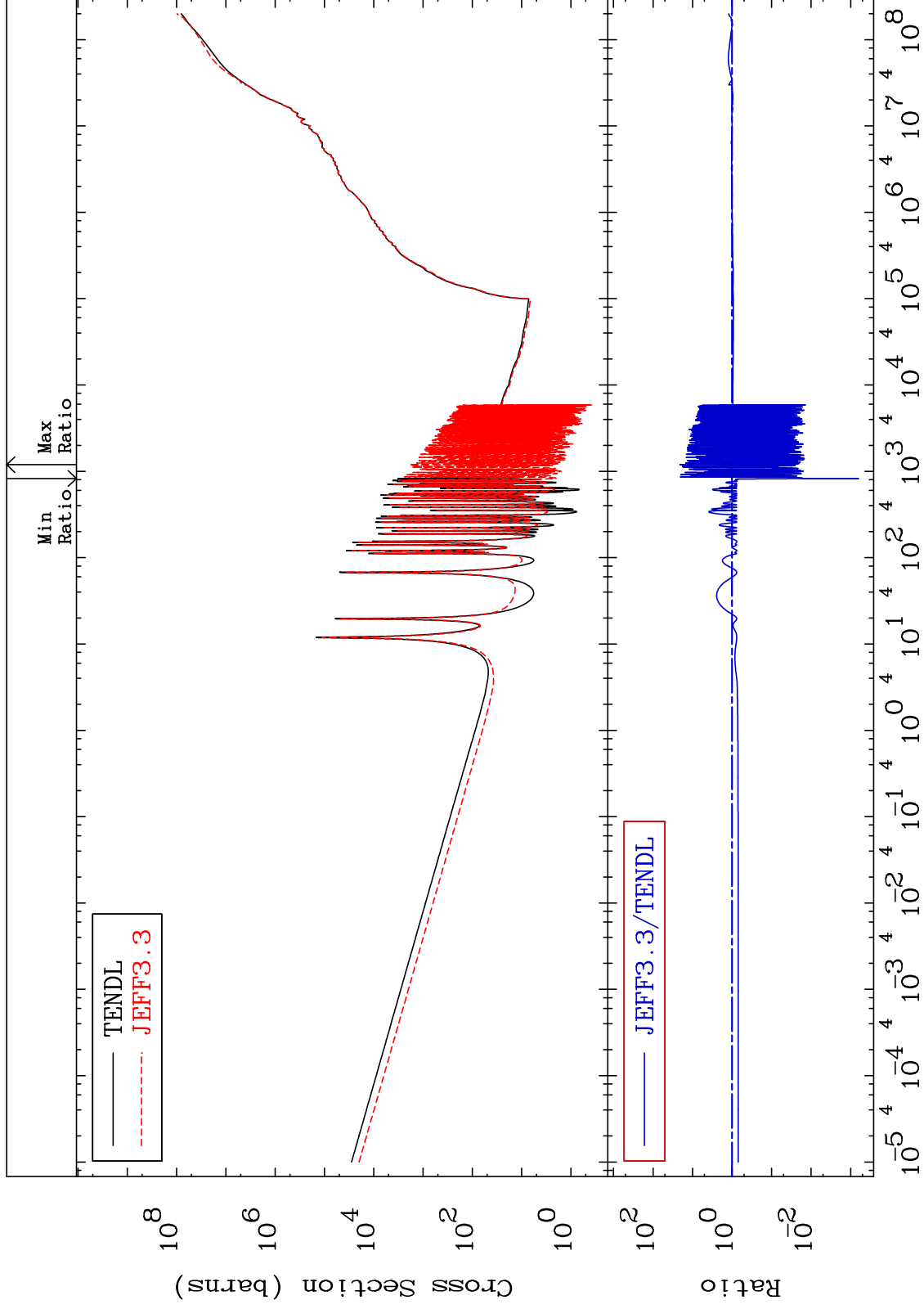
67

78-Pt-195

MAT 7840

Kerma non-elastic (all but mt2)  
Cross Section

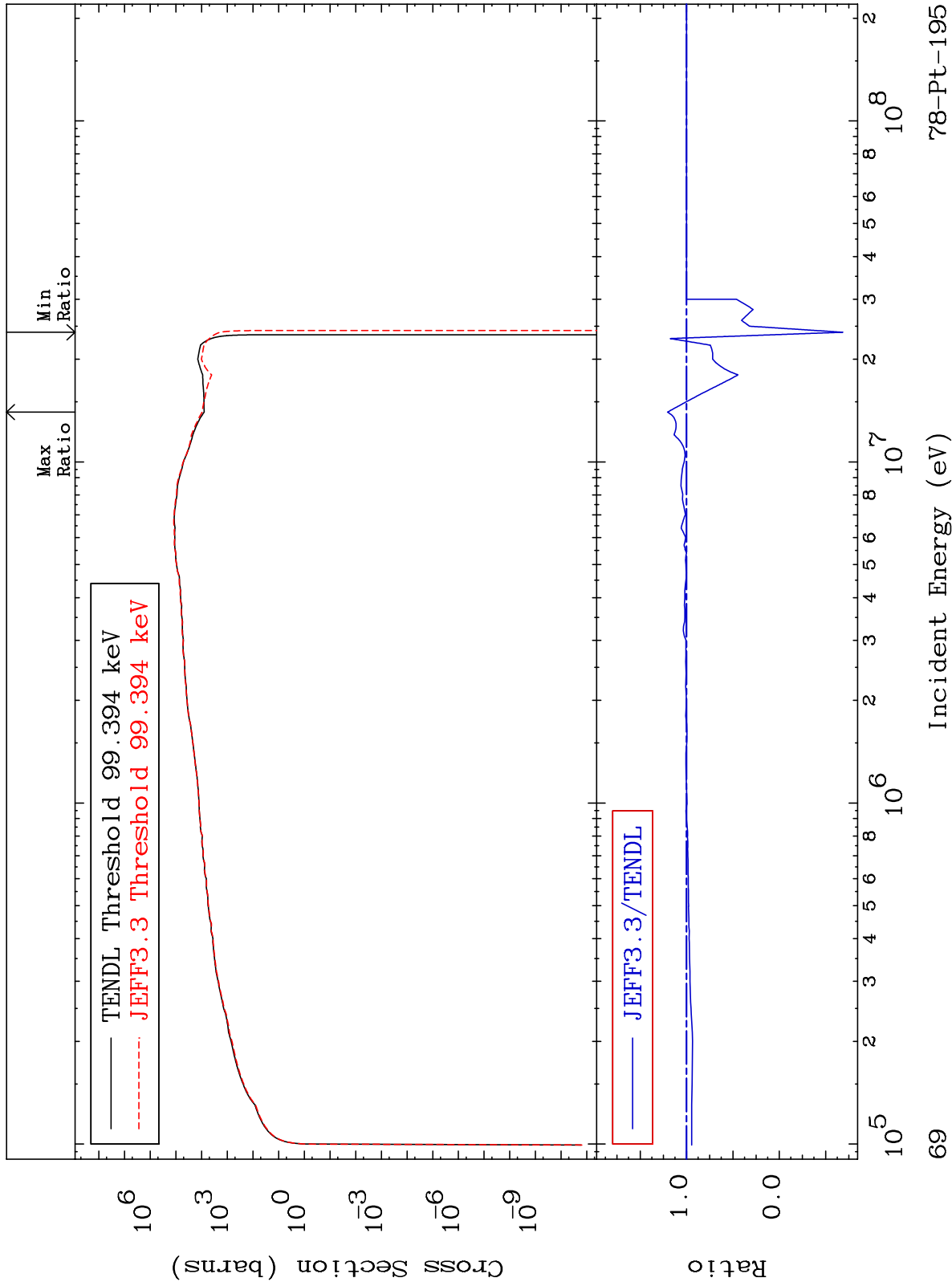
78-Pt-195  
-99.94 To 1974. %



MAT 7840

Kerma inelastic (mt51-91)  
Cross Section

78-Pt-195  
-168.4 To 20.50 %

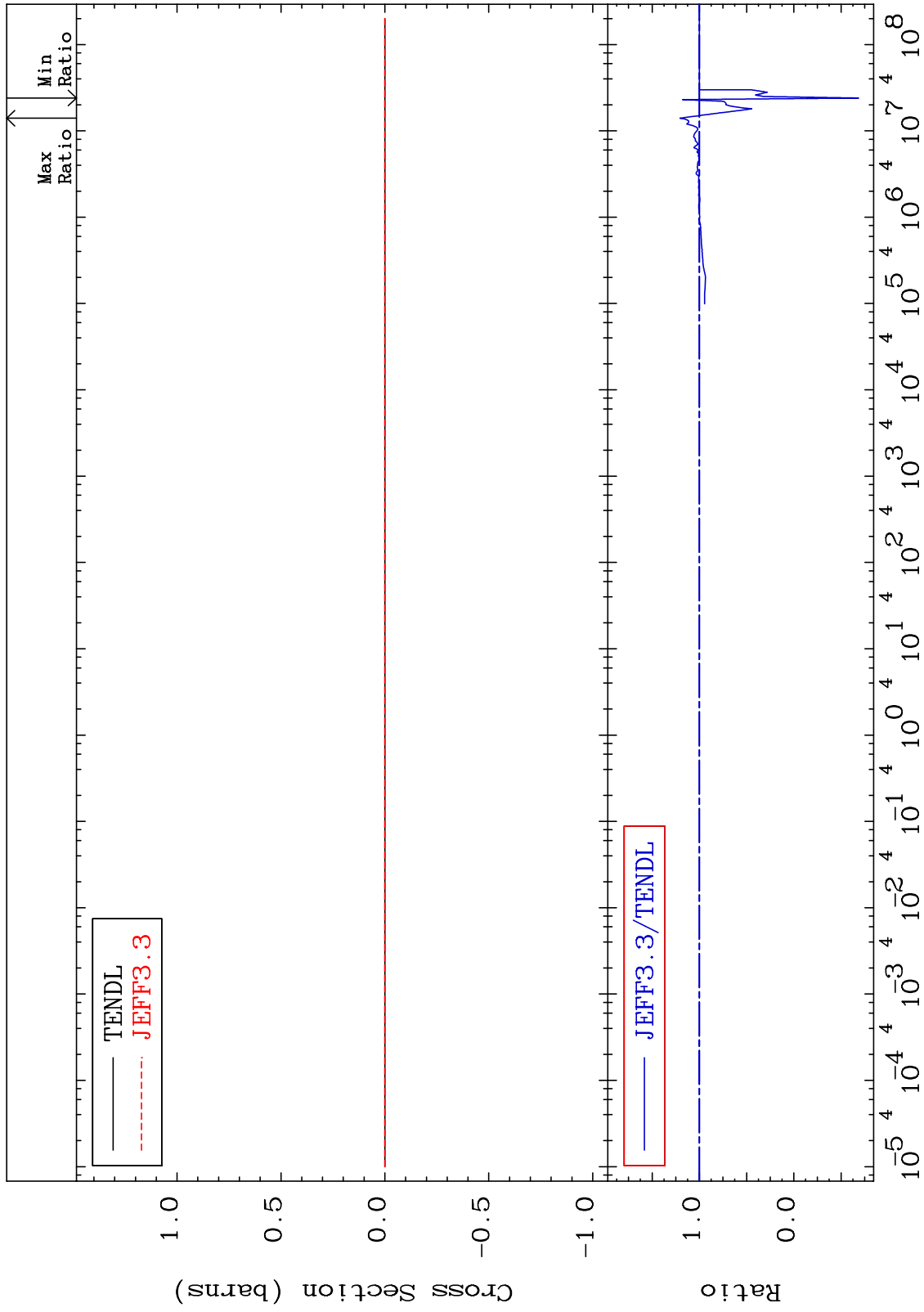


69

MAT 7840

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

78-Pt-195  
-168.4 To 20.50 %

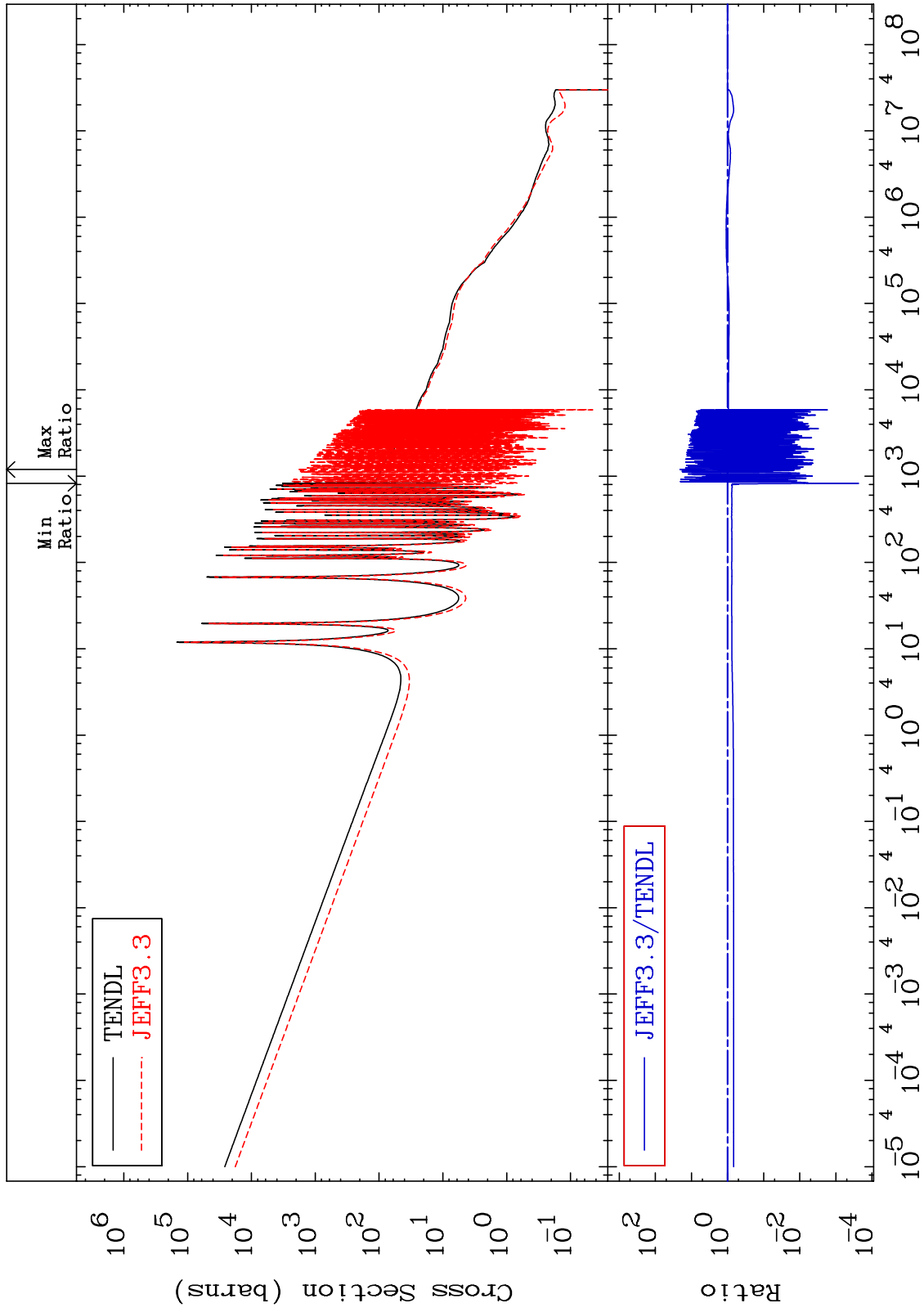


78-Pt-195

MAT 7840

Kerma capture (mt102)  
Cross Section

78-Pt-195  
-99.98 To 1973. %



71

Incident Energy (eV)

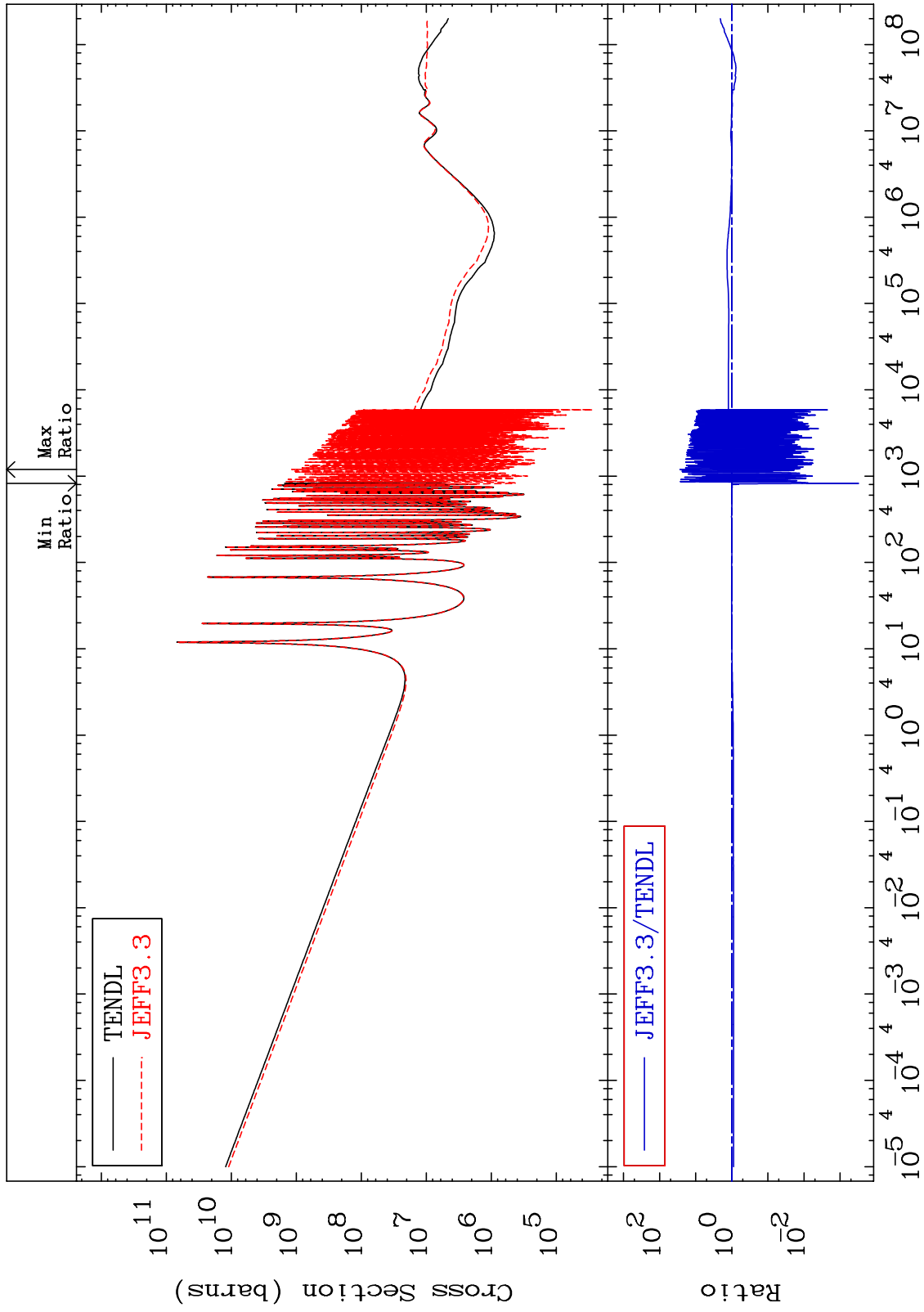
78-Pt-195



MAT 7840

Total photon (eV-barns)  
Cross Section

78-Pt-195  
-99.97 To 2621. %



72

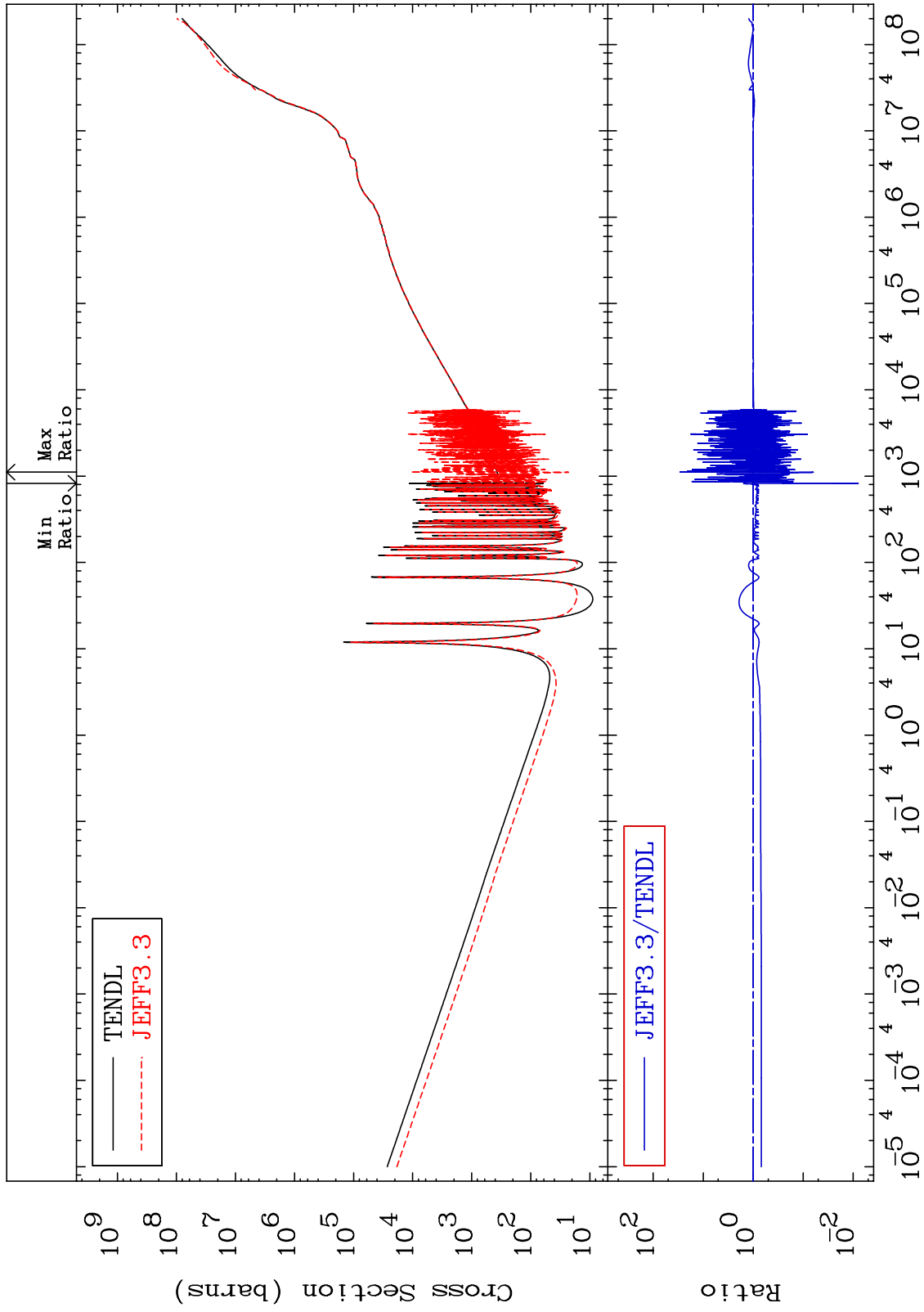
Incident Energy (eV)

78-Pt-195

MAT 7840

Total kinematic kerma (high limit)  
Cross Section

78-Pt-195  
-99.22 To 2809. %



73

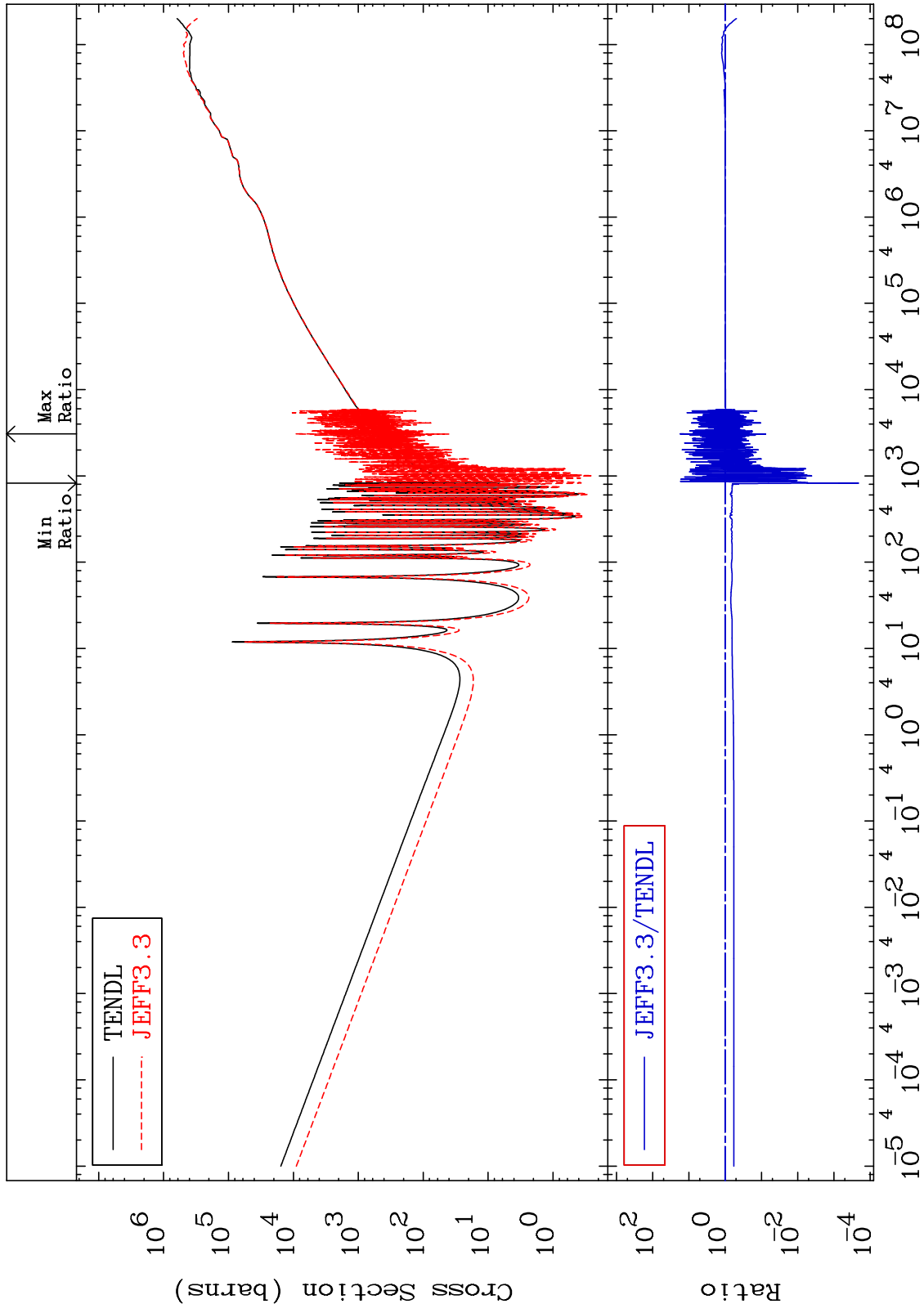
Incident Energy (eV)

78-Pt-195

MAT 7840

Dpa total (eV-barns)  
Cross Section

78-Pt-195  
-99.98 To 1660. %



74

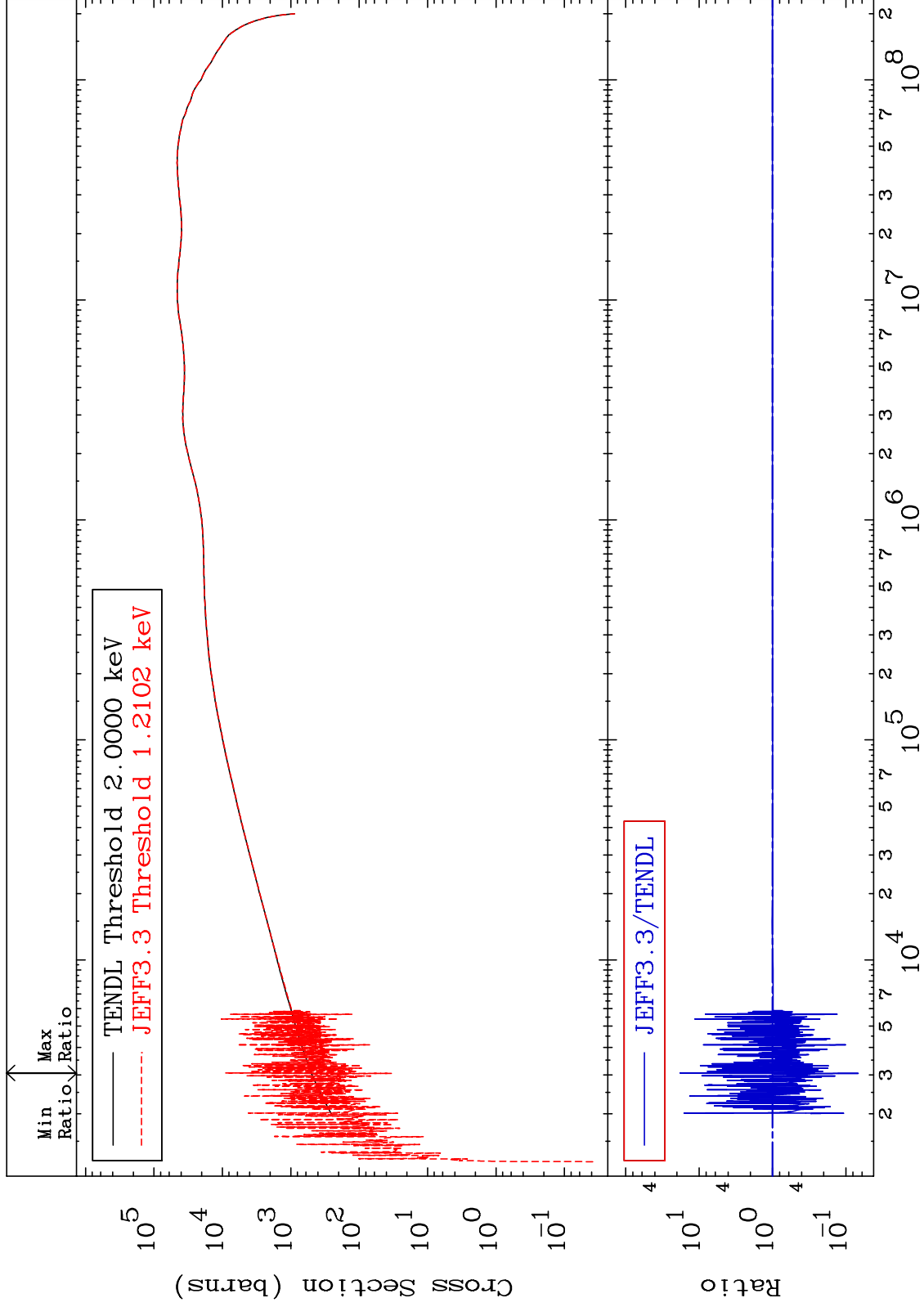
Incident Energy (eV)

78-Pt-195

MAT 7840

Dpa elastic (mt2)  
Cross Section

78-Pt-195  
-93.25 To 1716. %



75

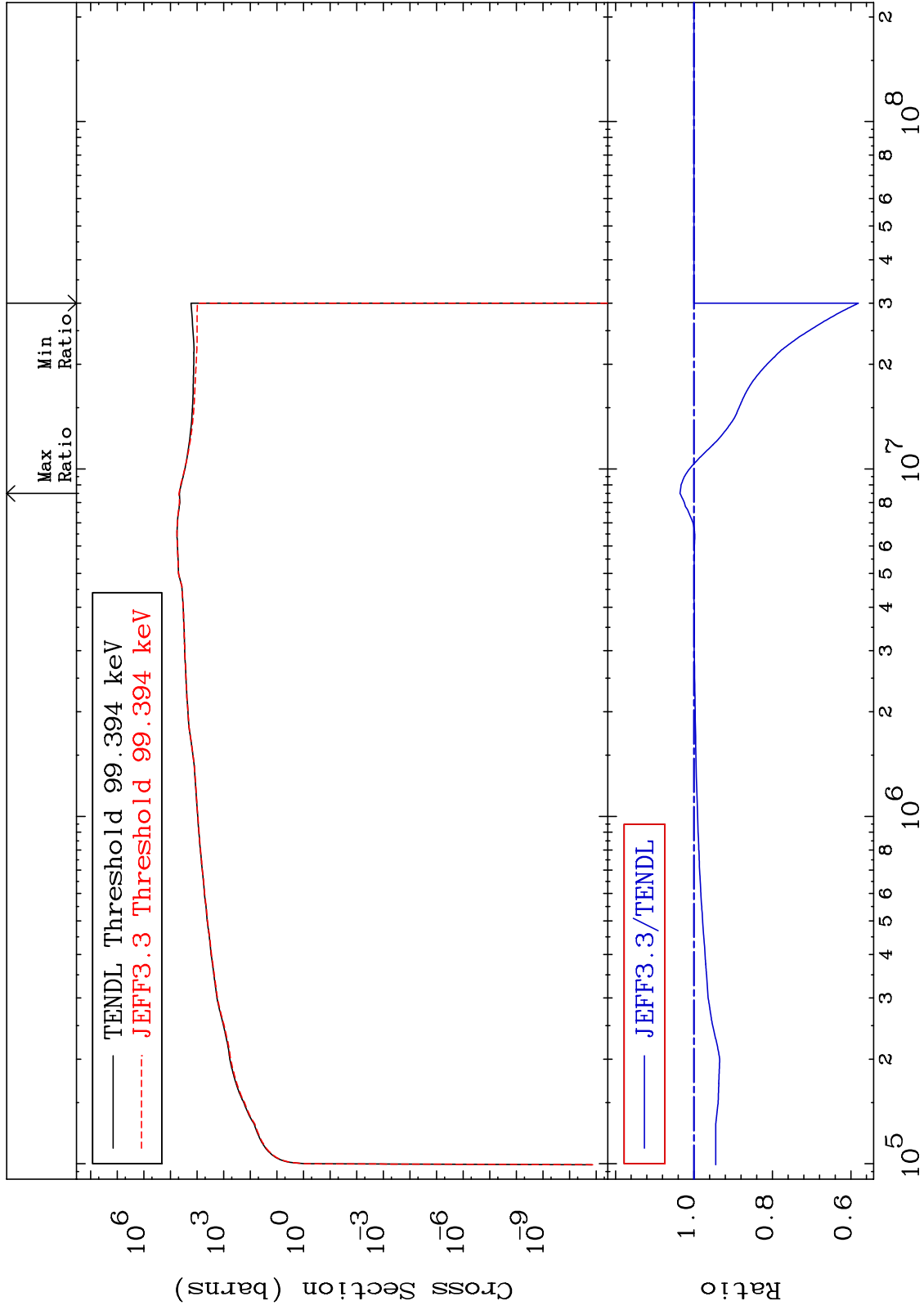
Incident Energy (eV)

78-Pt-195

MAT 7840

Dpa inelastic (mt51-91)  
Cross Section

78-Pt-195  
-41.93 To 3.553 %



76

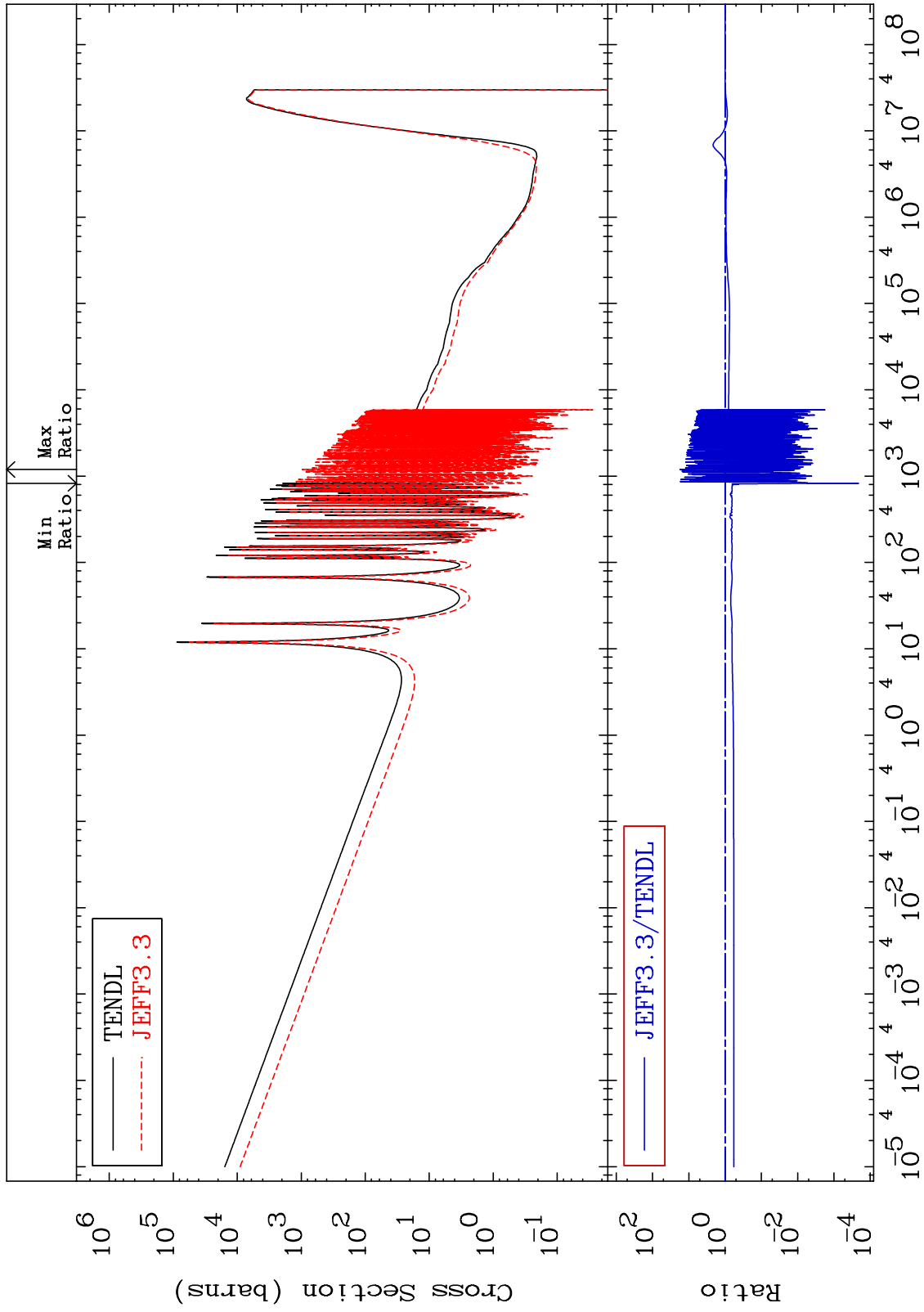
Incident Energy (eV)

78-Pt-195

MAT 7840

Dpa disappearance (mt102 -120)  
Cross Section

78-Pt-195  
-99.98 To 1647. %



77

Incident Energy (eV)

78-Pt-195

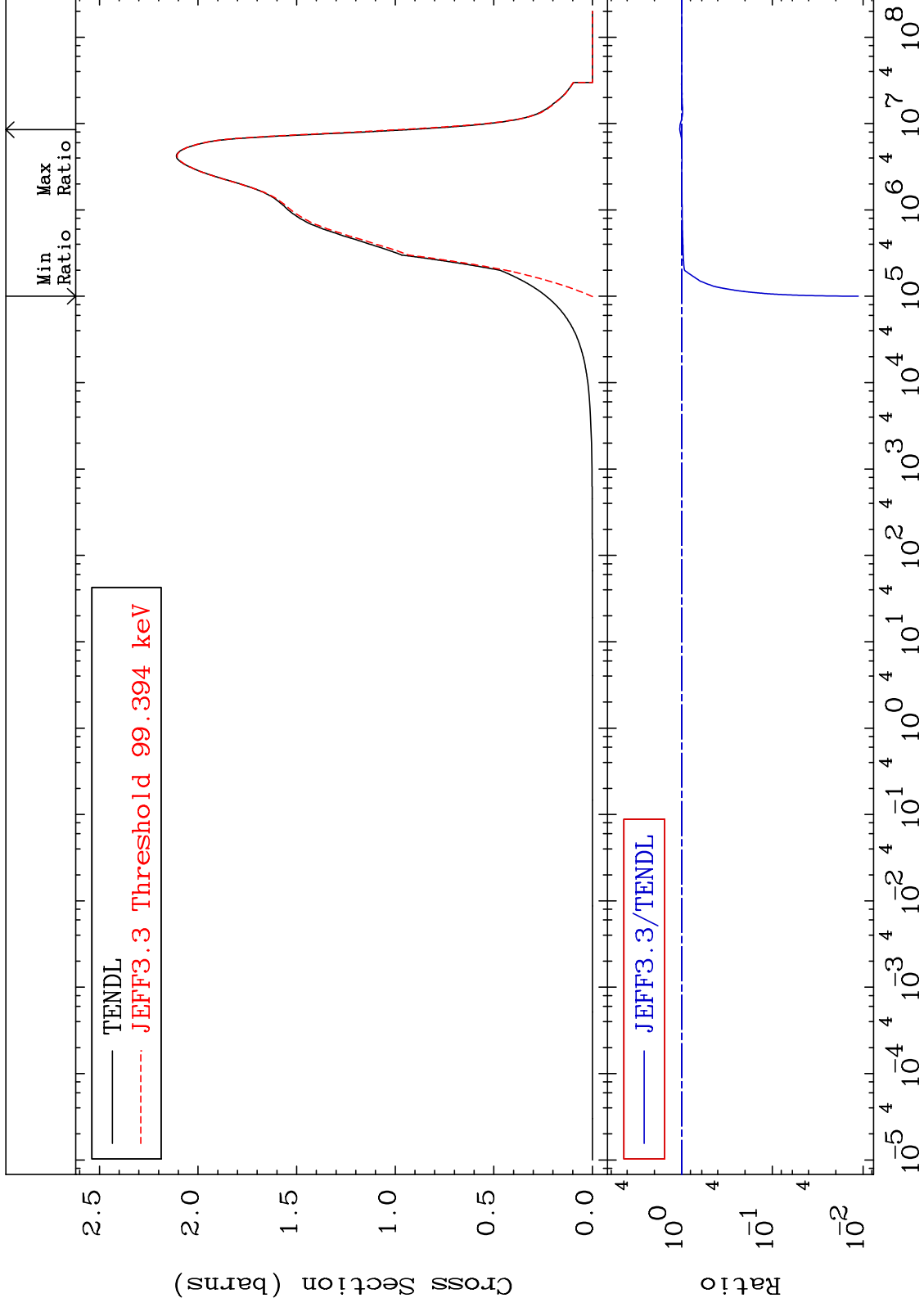
MAT 7840

Inelastic: 78-Pt-195

78-Pt-195

Radionuclide Production Cross Section

-98.87 To 5.052 %



78

Incident Energy (eV)

78-Pt-195

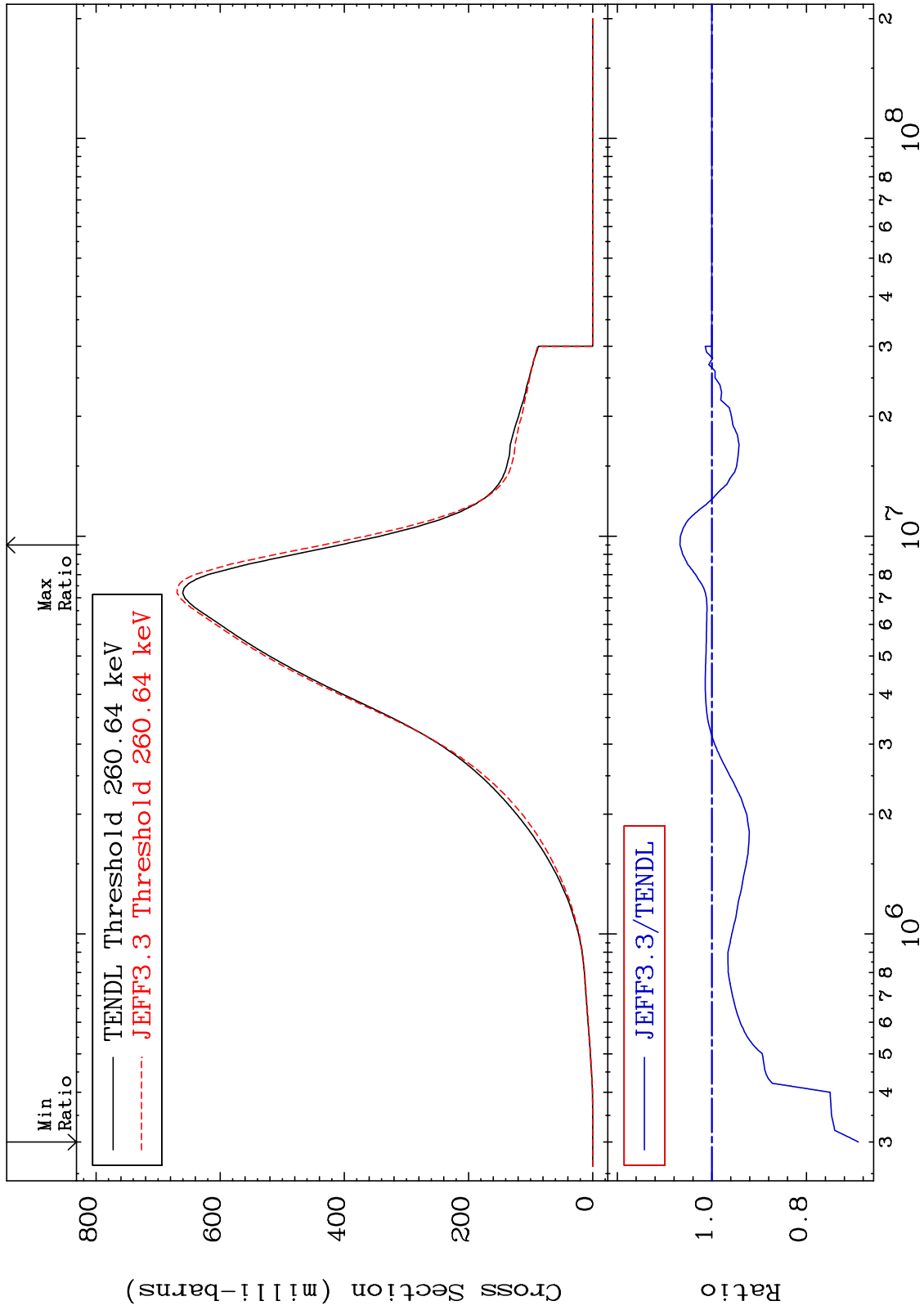
MAT 7840

Inelastic: 78-Pt-195m7

78-Pt-195

Radionuclide Production Cross Section

-30.98 To 6.733 %



79

78-Pt-195

78-Pt-195

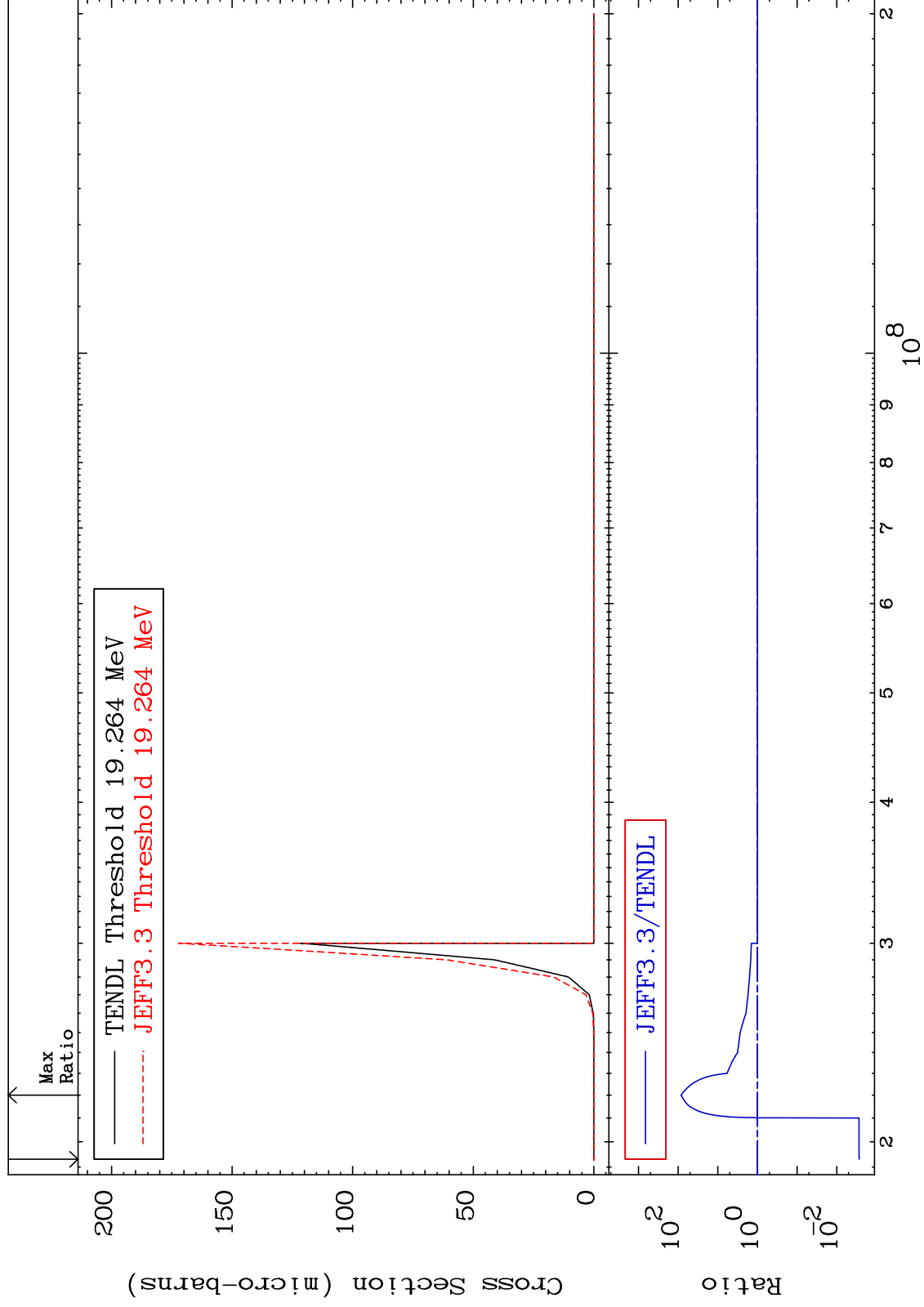


MAT 7840

(n,2n) d:77-Ir-192g

78-Pt-195

Radionuclide Production Cross Section -99.73 To 8341. %



80

Incident Energy (eV)

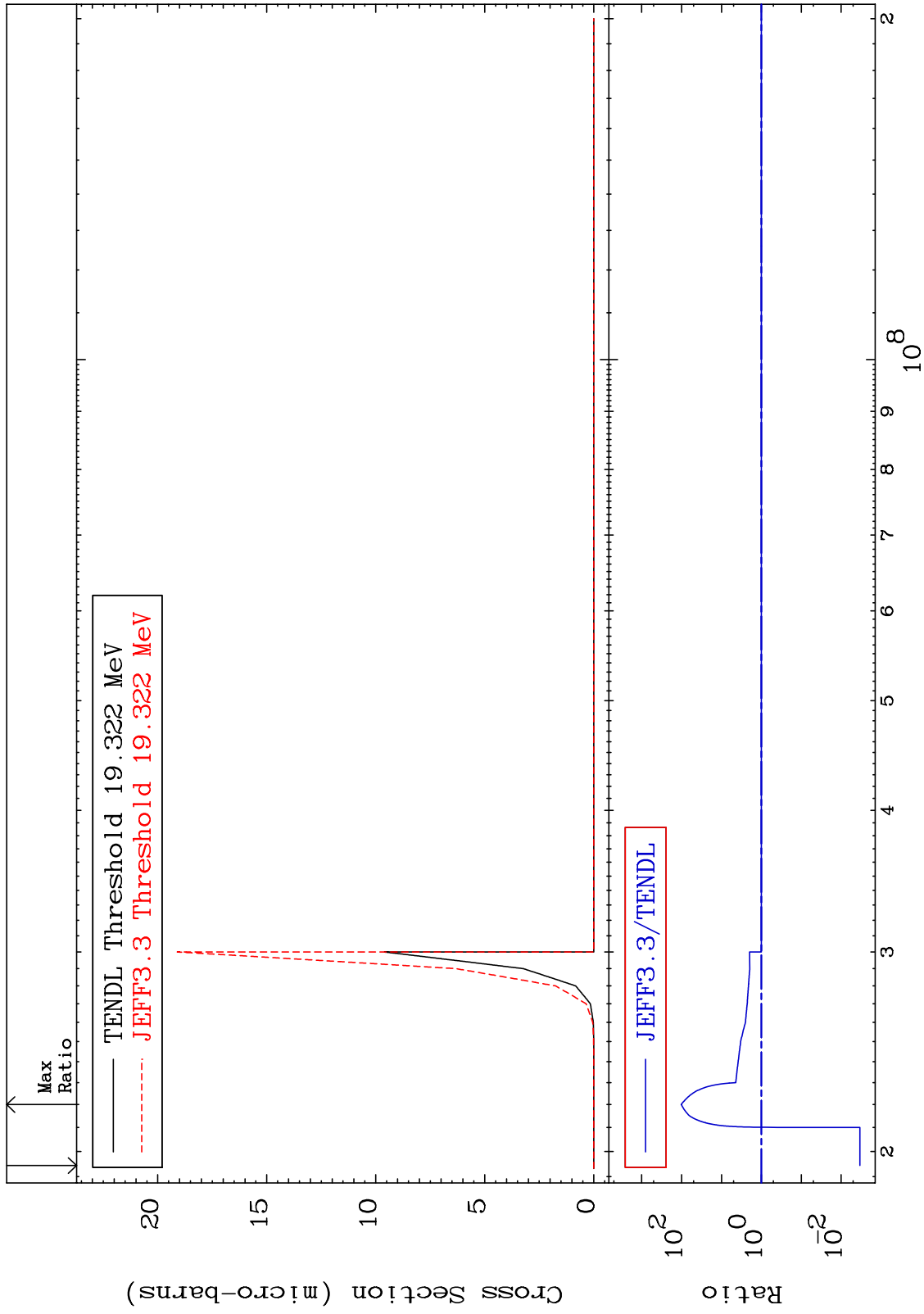
78-Pt-195

MAT 7840

(n,2n) d:77-Ir-192m3

78-Pt-195

Radionuclide Production Cross Section -99.66 To 9999. %

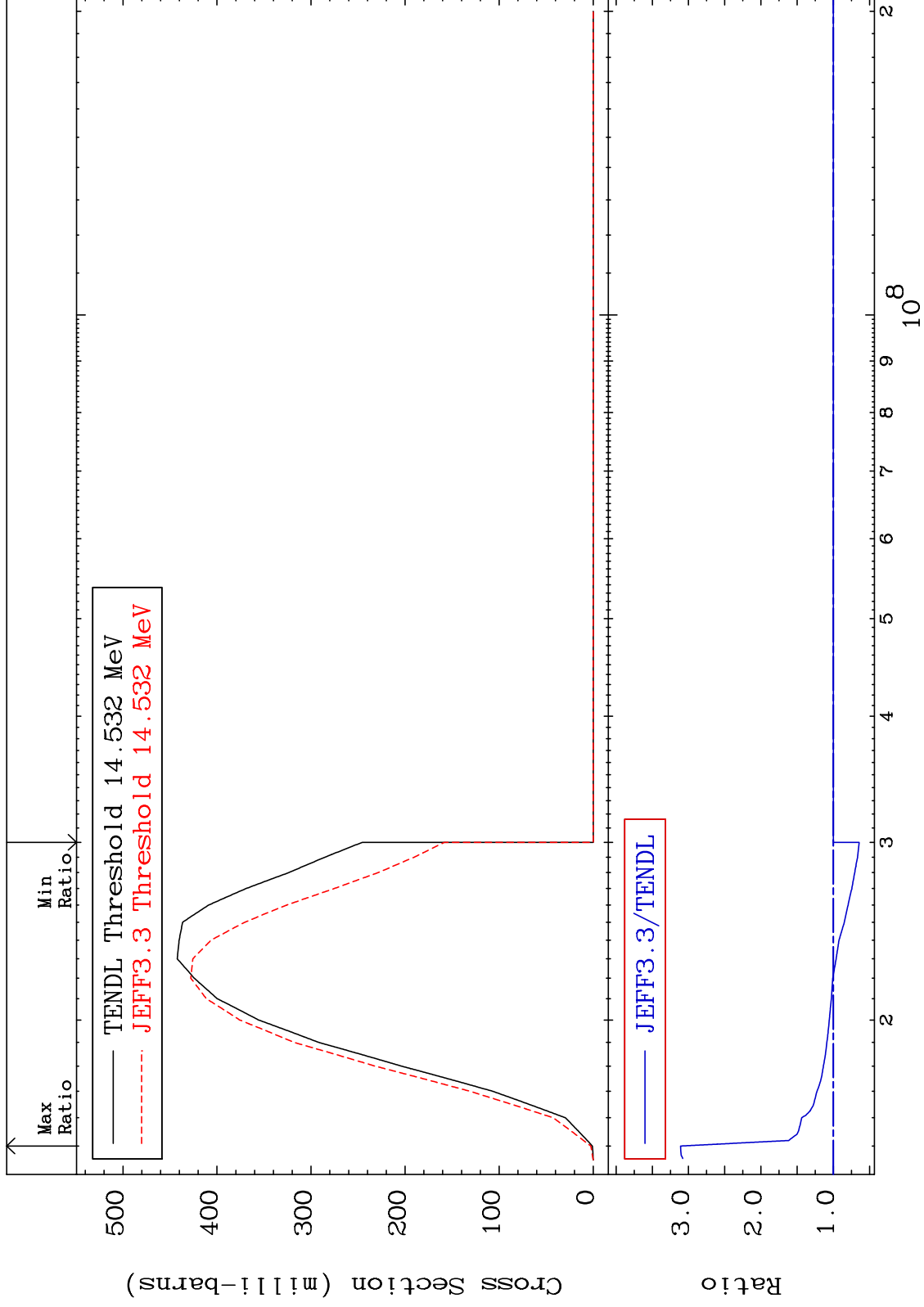


MAT 7840

(n,3n):78-Pt-193g

78-Pt-195

Radionuclide Production Cross Section -35.58 To 210.9 %



82

Incident Energy (eV)

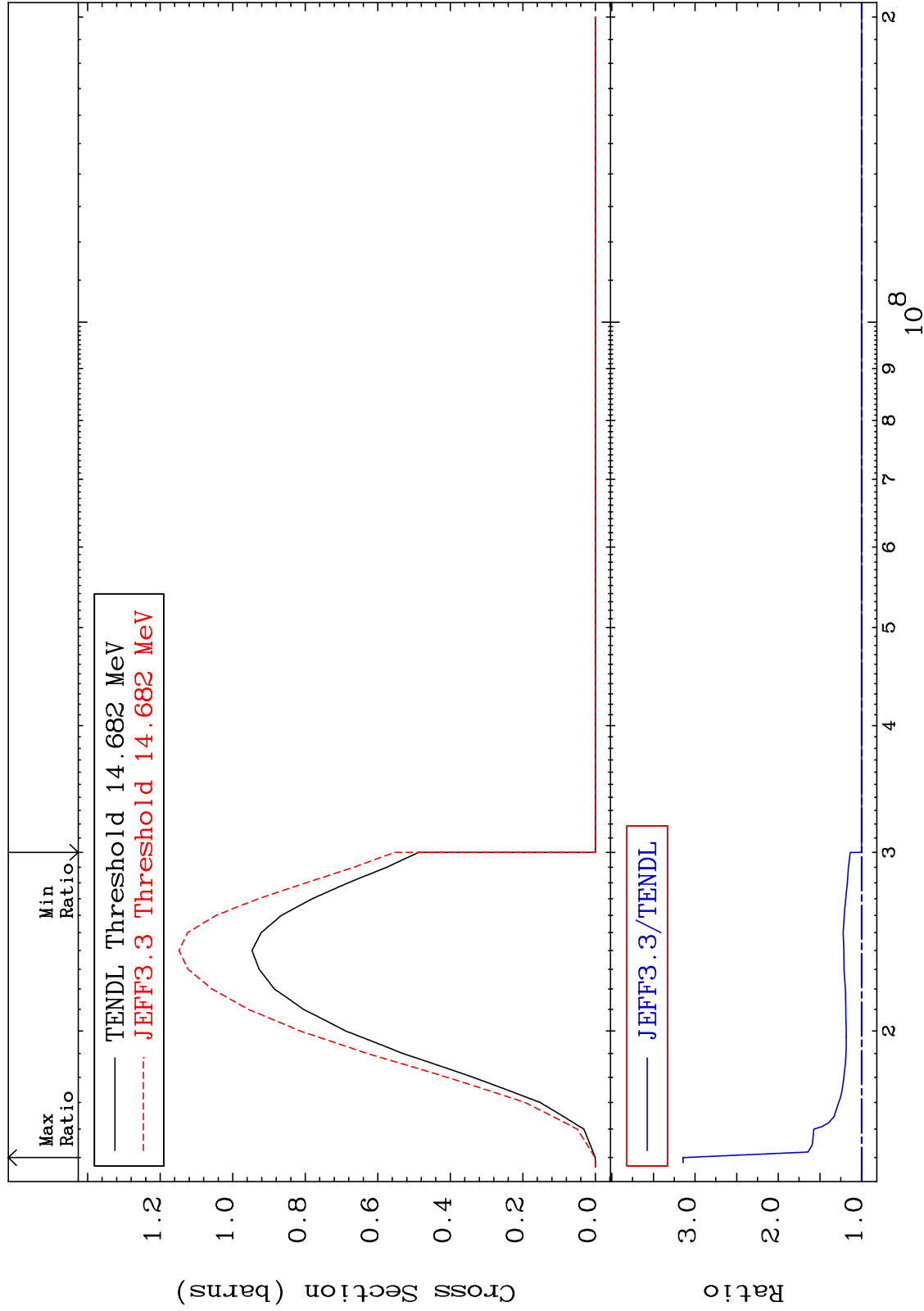
78-Pt-195

MAT 7840

(n,3n):78-Pt-193m5

78-Pt-195

Radionuclide Production Cross Section 0.000 To 214.6 %

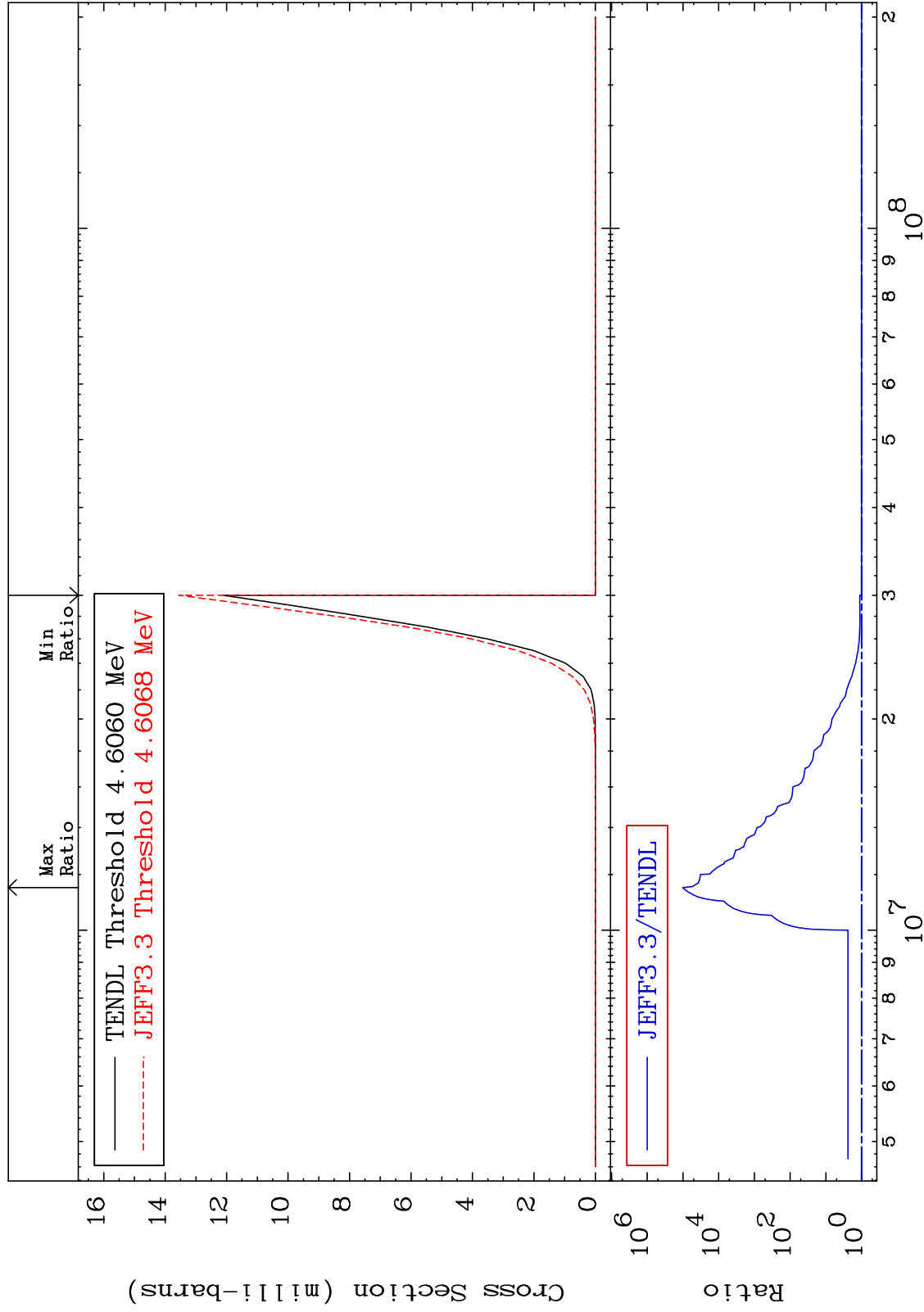


MAT 7840

78-Pt-195

(n,2n)  $\alpha$ :76-0s-190g

Radionuclide Production Cross Section 0.000 To 9999. %

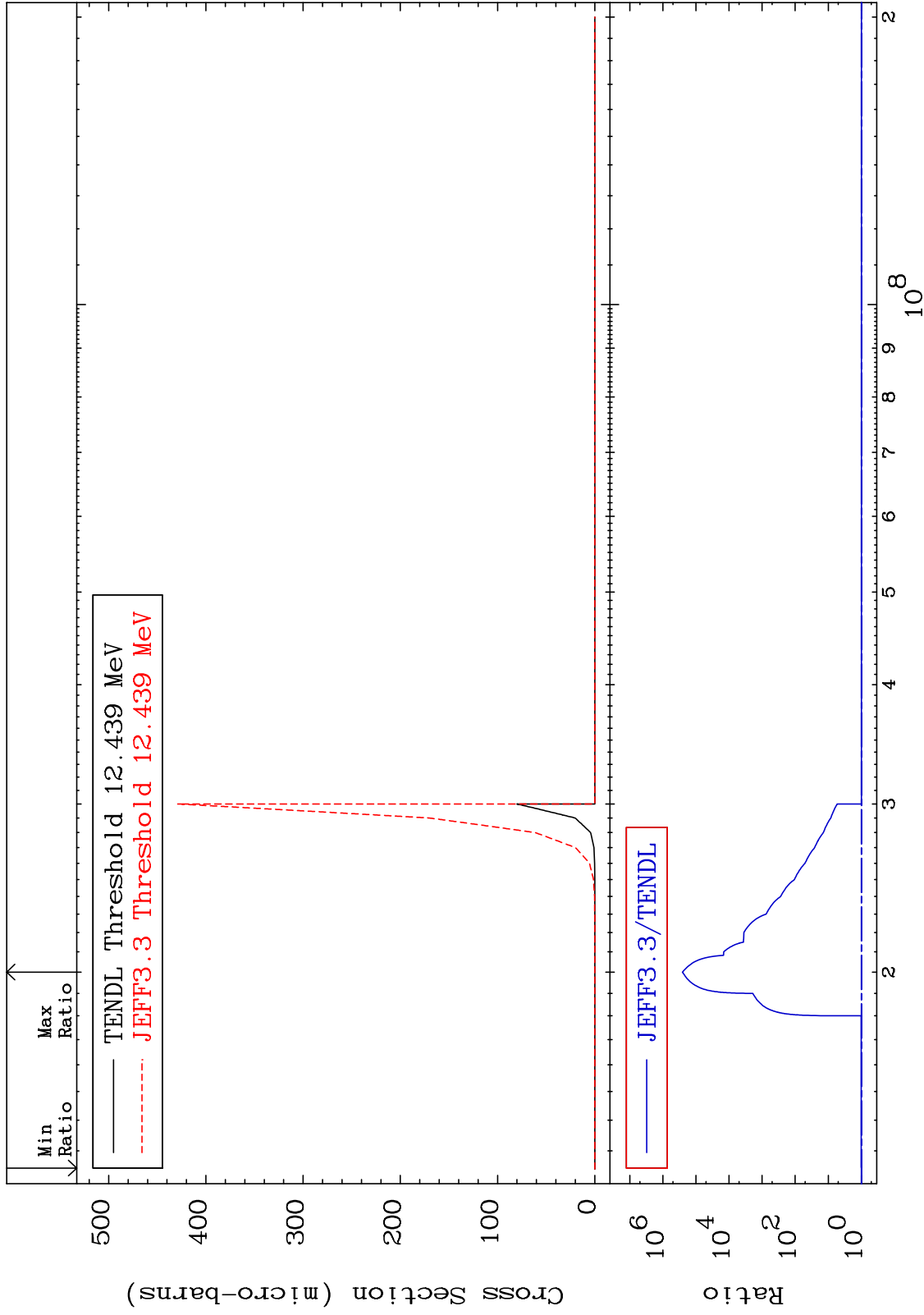


MAT 7840

(n,3n)  $\alpha$ :76-0s-189g

78-Pt-195

Radionuclide Production Cross Section -0.879 To 9999. %

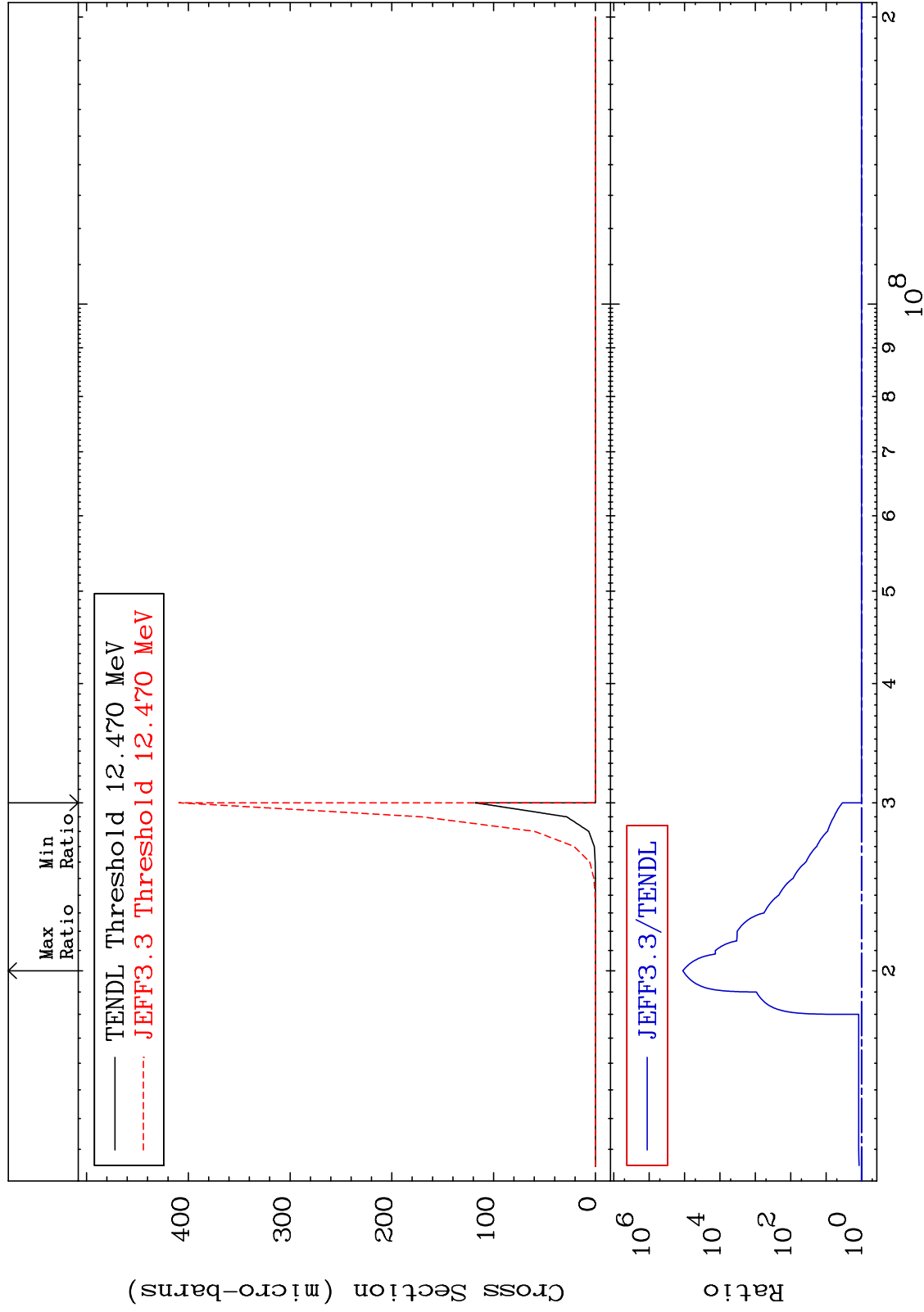


MAT 7840

(n, 3n)  $\alpha$ : 76-Os-189m1

78-Pt-195

Radionuclide Production Cross Section 0.000 To 9999. %



86

Incident Energy (eV)

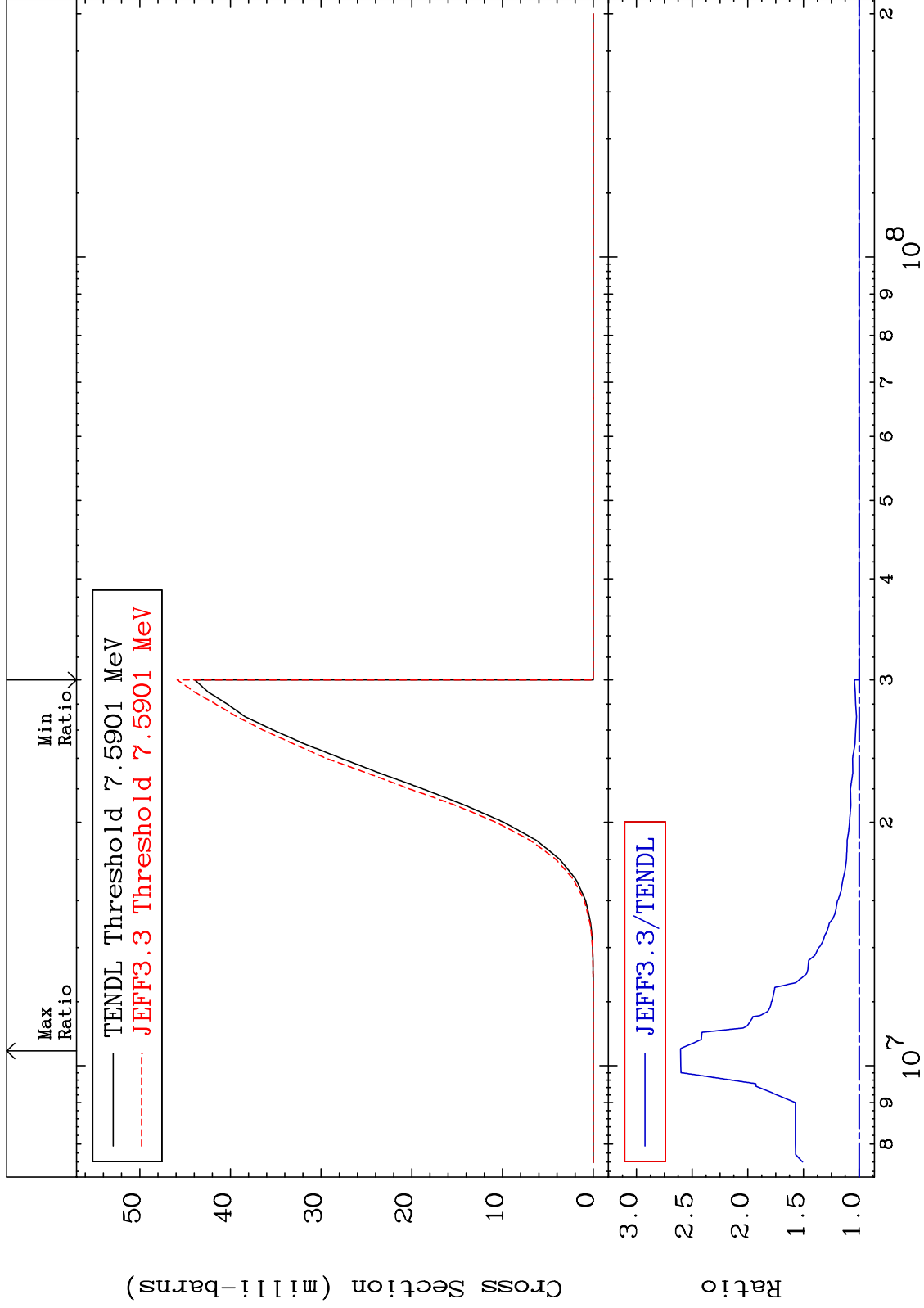
78-Pt-195

MAT 7840

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

78-Pt-195

Radionuclide Production Cross Section 0.000 To 160.3 %

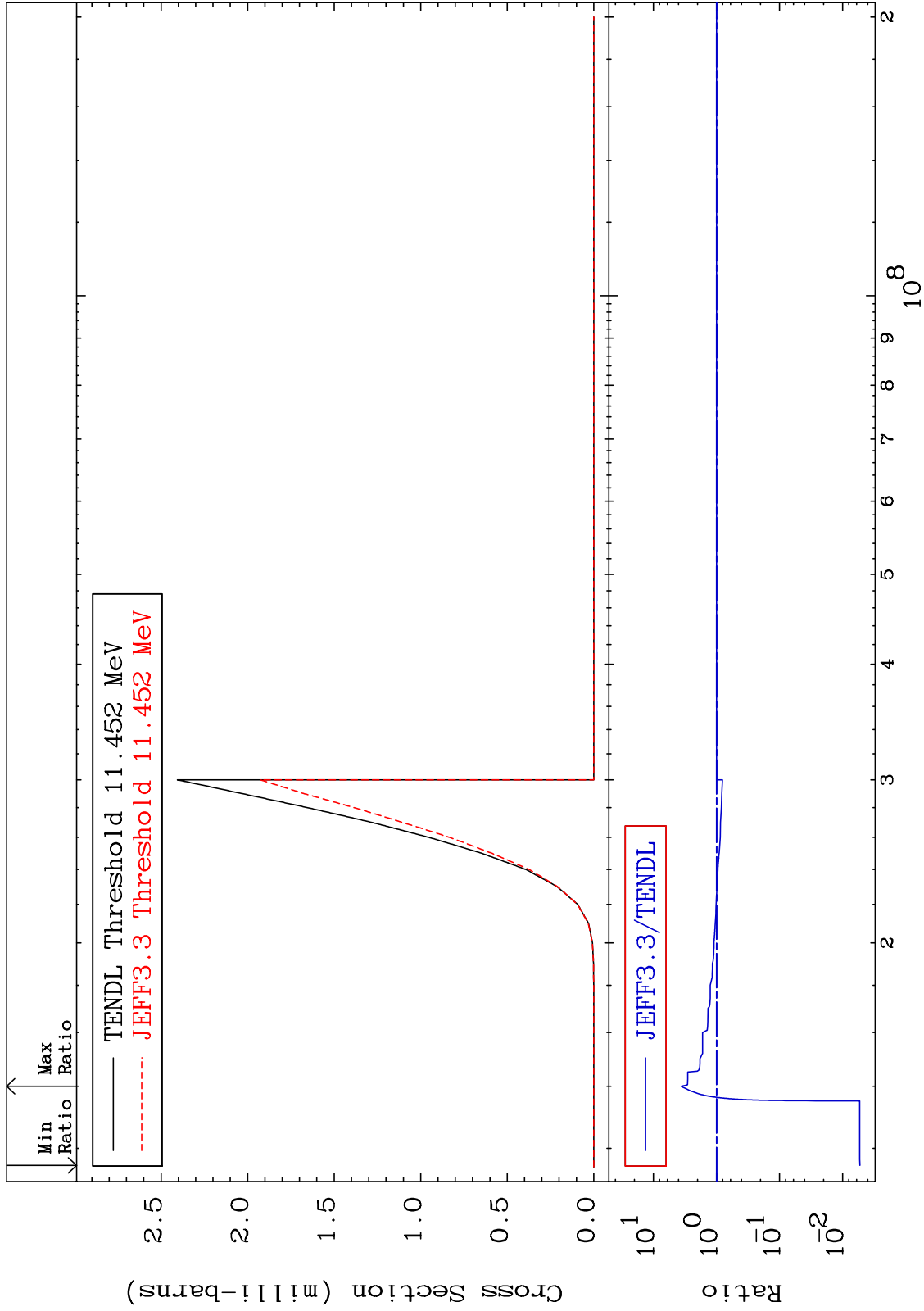


87

Incident Energy (eV)

78-Pt-195



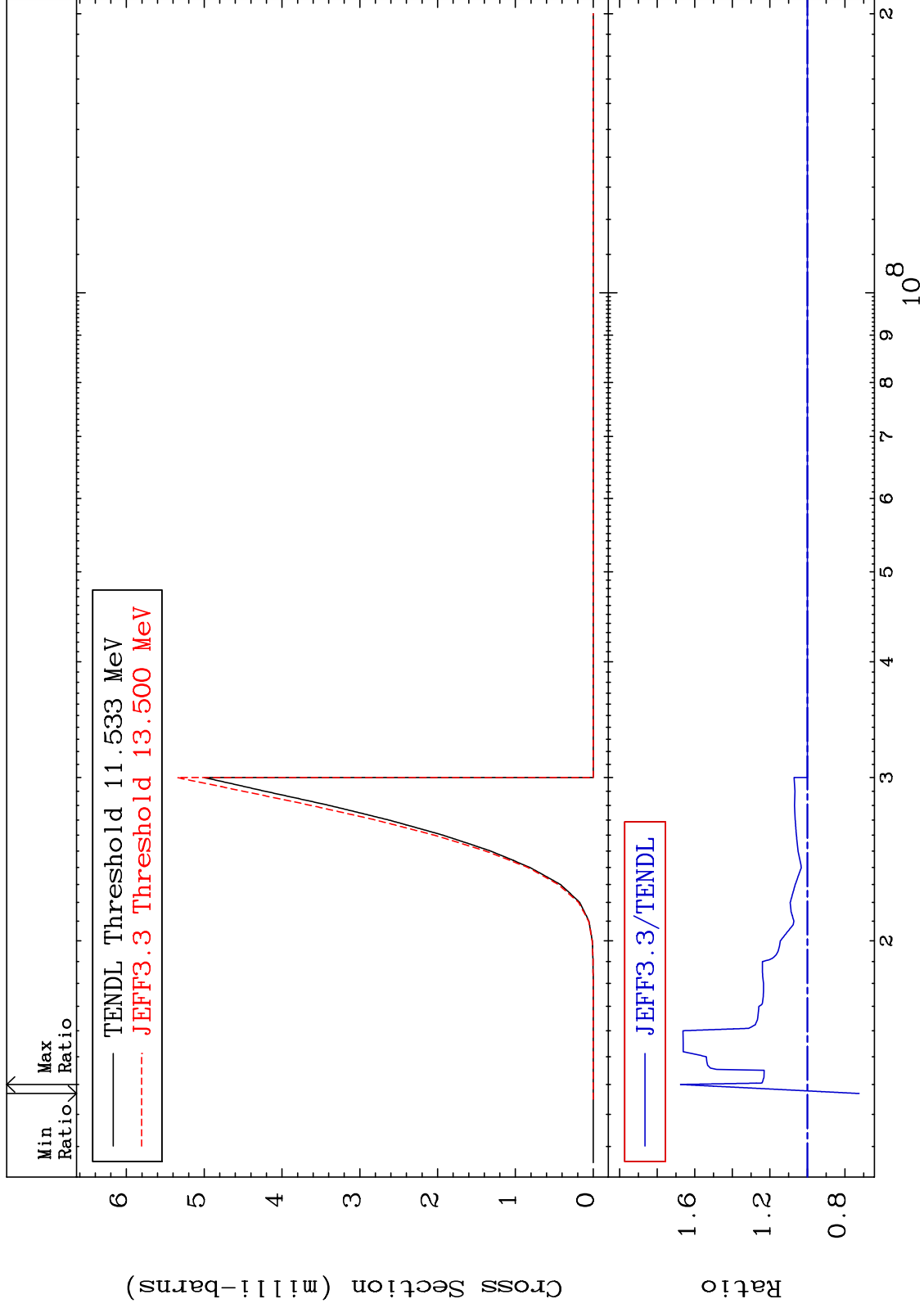


MAT 7840

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

78-Pt-195

Radionuclide Production Cross Section -27.64 To 67.54 %

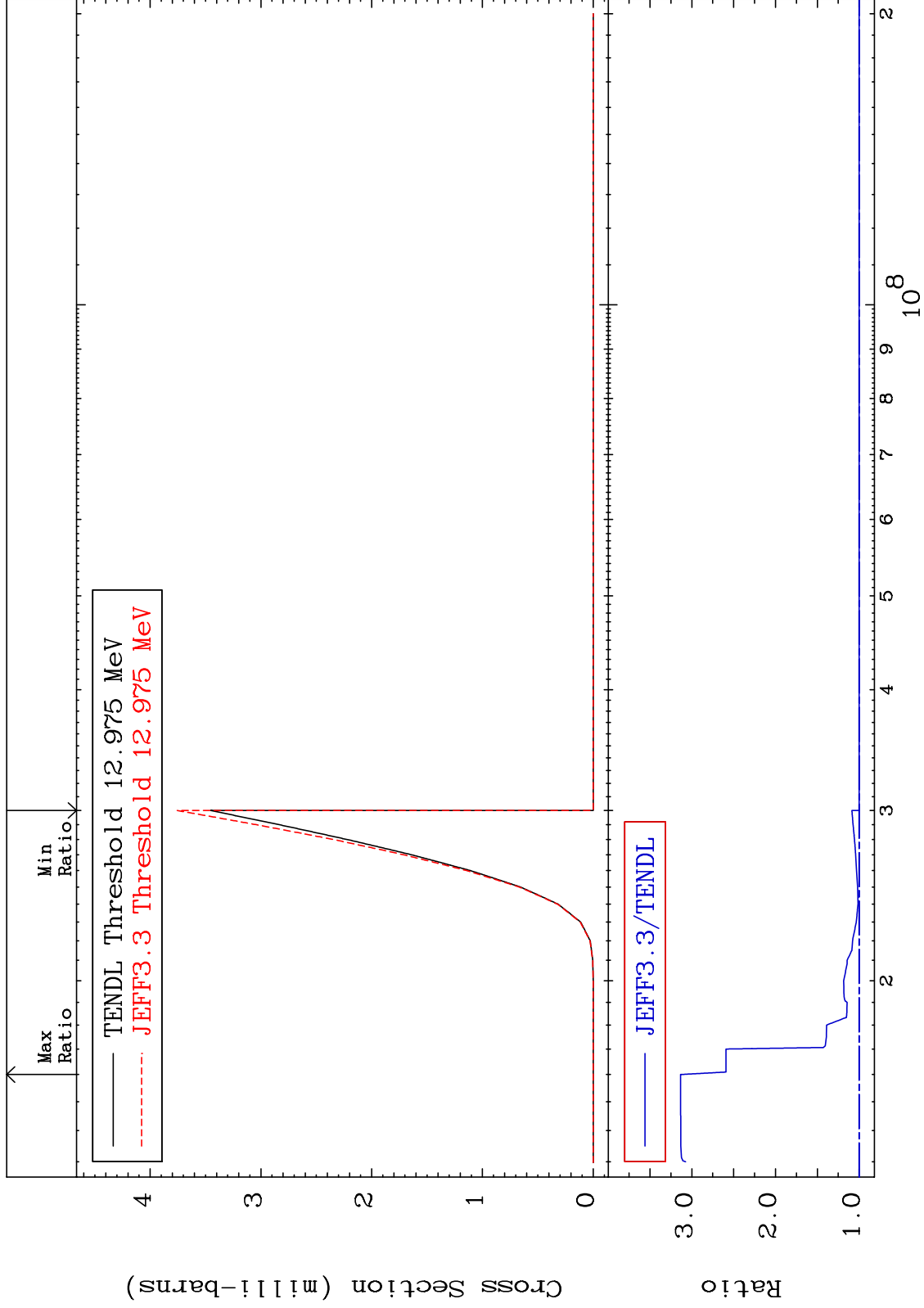


MAT 7840

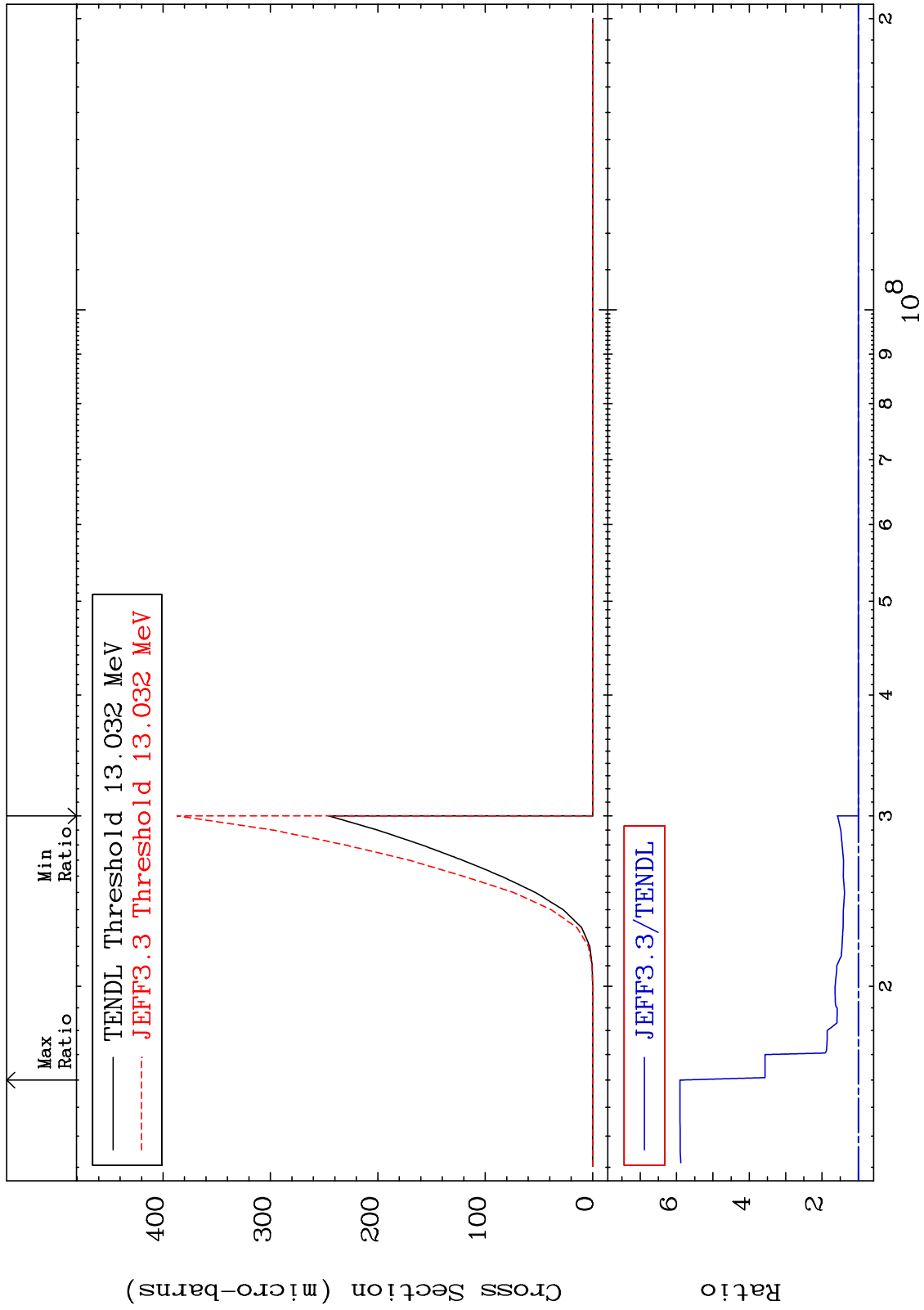
(n, n') t:77-Ir-192g

78-Pt-195

Radionuclide Production Cross Section 0.000 To 213.4 %



MAT 7840 (n, n') t:77-Ir-192m3 78-Pt-195  
 Radionuclide Production Cross Section 0.000 To 490.5 %



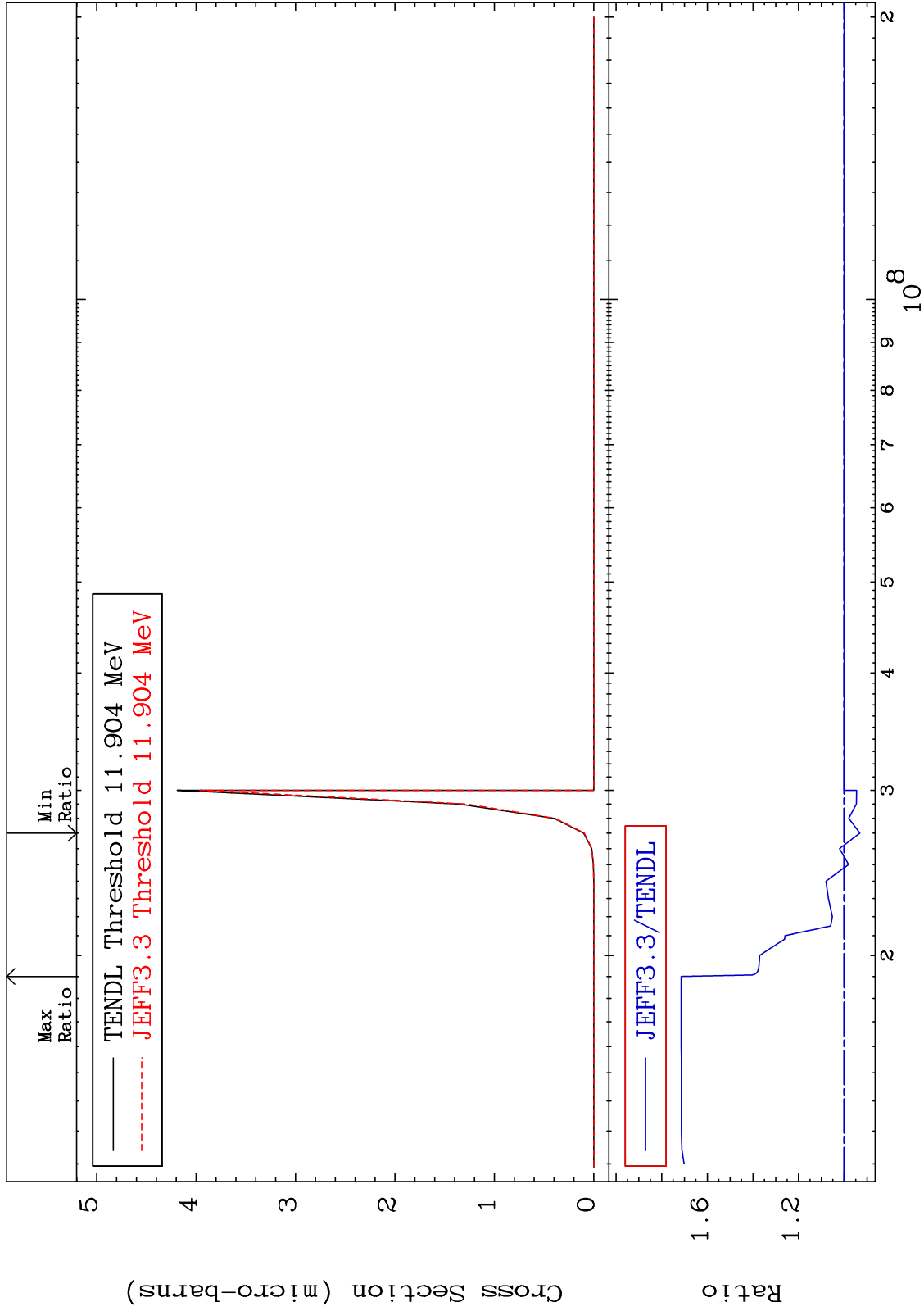
MAT 7840

(n, n') He-3:76-Os-192g

78-Pt-195

Radionuclide Production Cross Section

-6.877 To 71.42 %



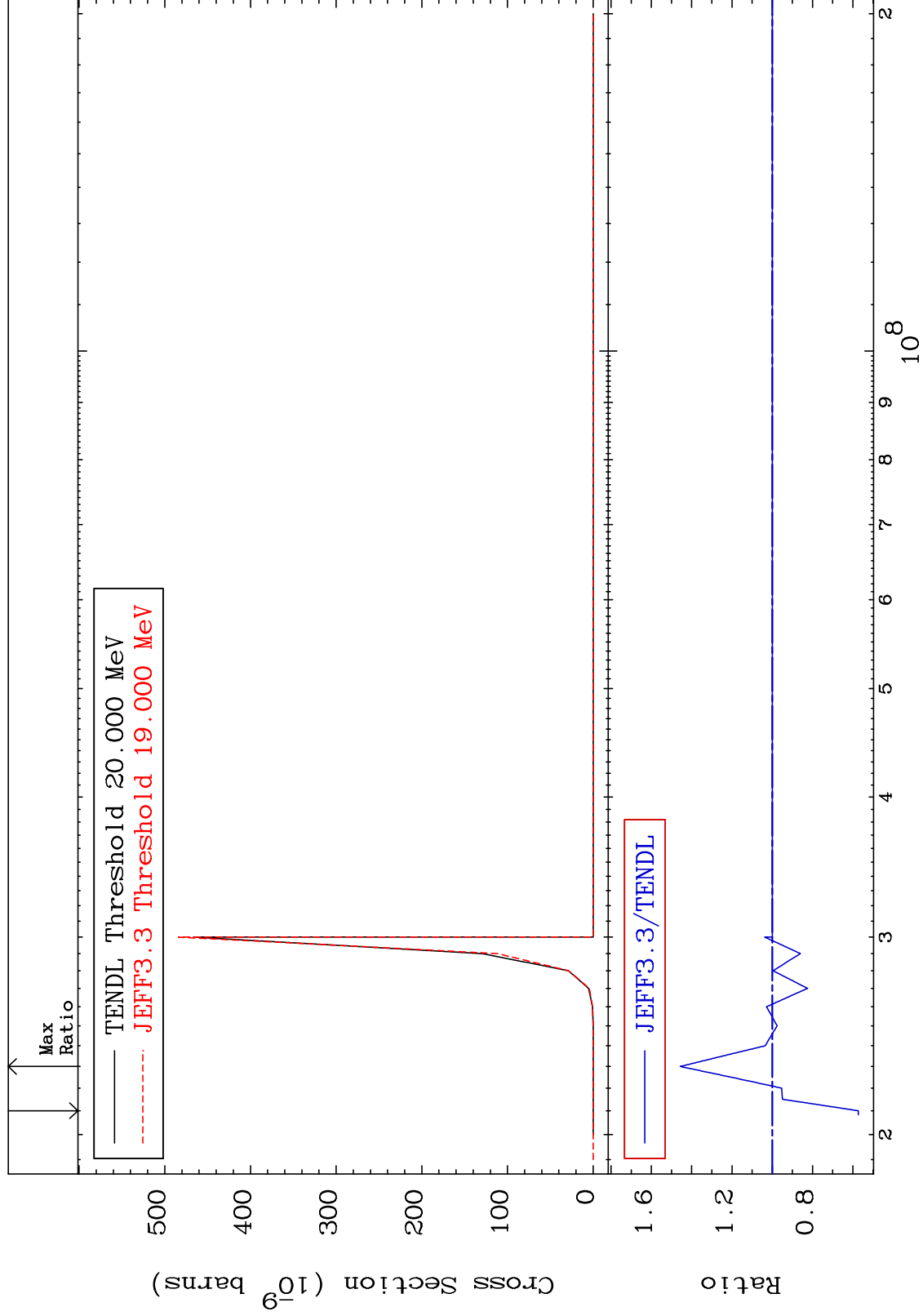
MAT 7840

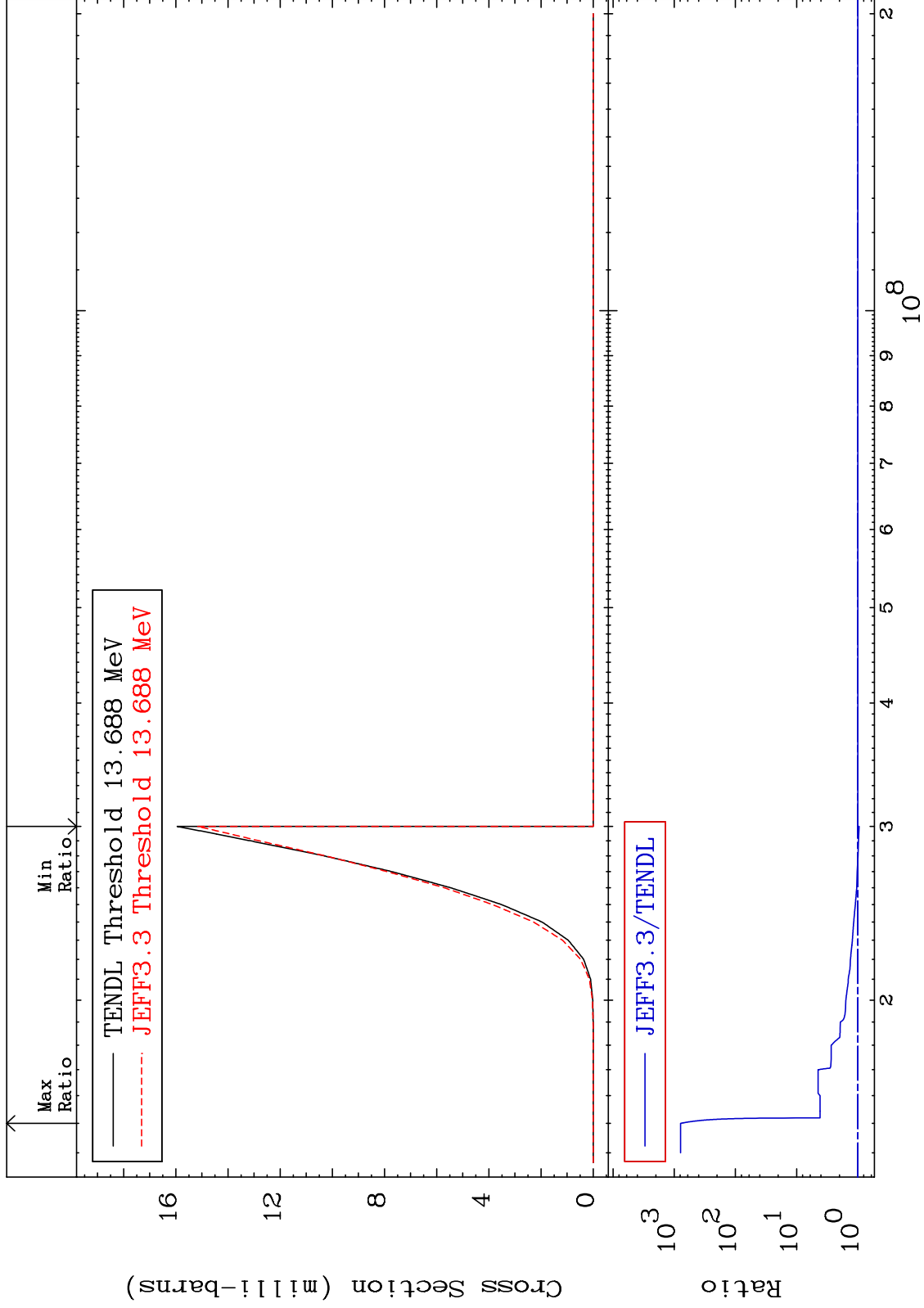
(n, n') He-3:76-0s-192m10

78-Pt-195

Radionuclide Production Cross Section

-42.72 To 45.62 %



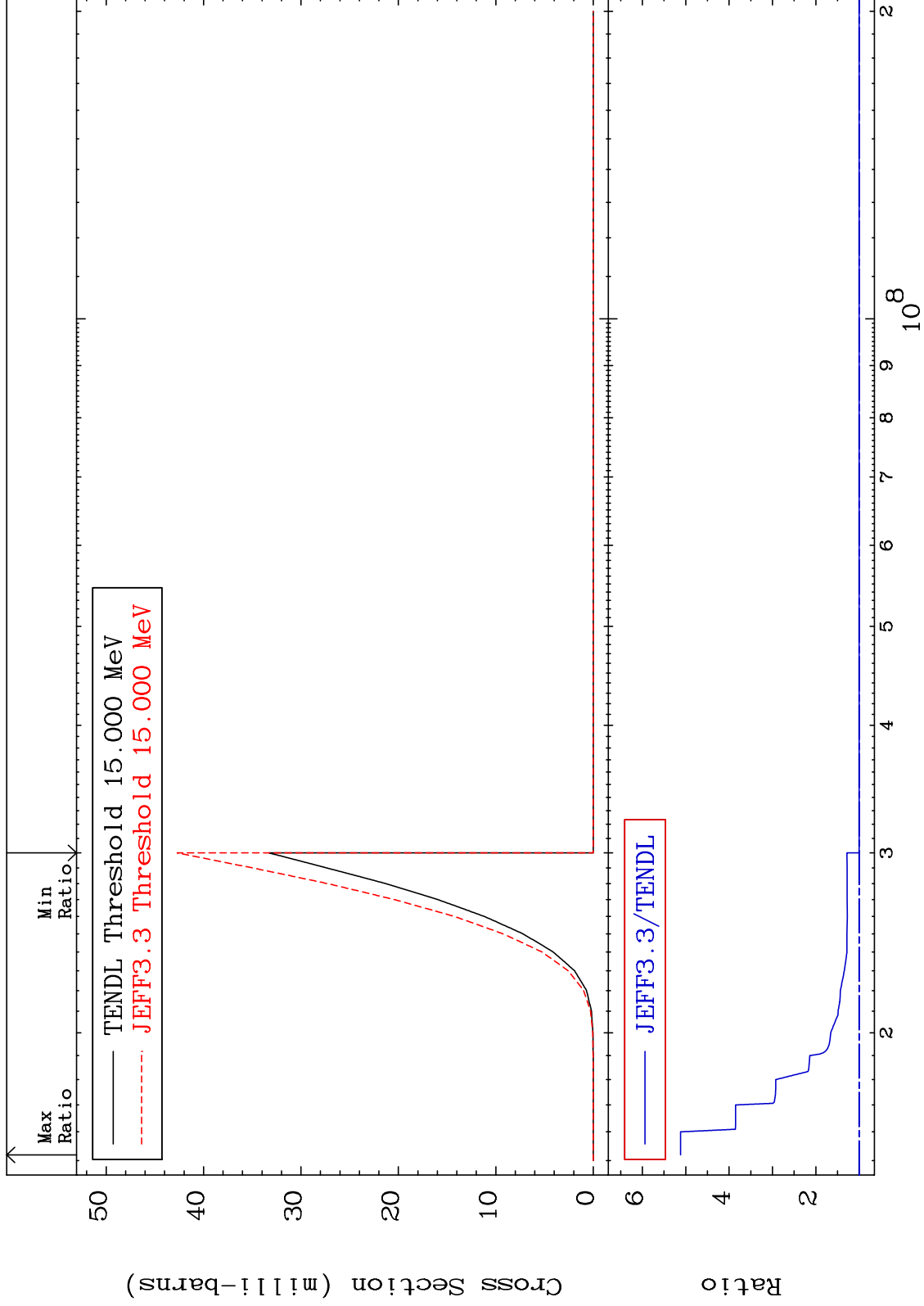


MAT 7840

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

78-Pt-195

Radionuclide Production Cross Section 0.000 To 411.8 %



95

78-Pt-195

78-Pt-195

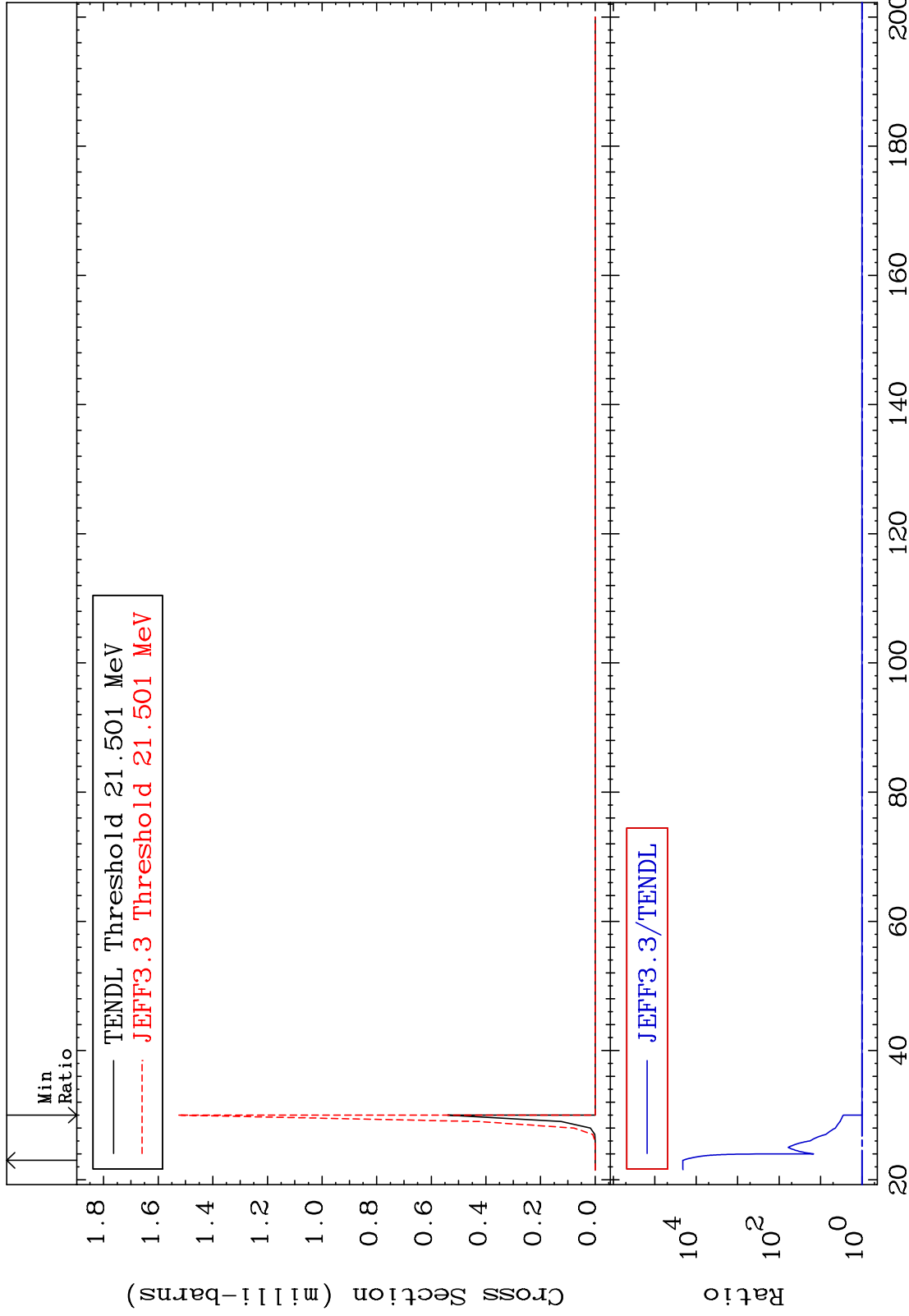


MAT 7840

(n,3n) p:77-Ir-192g

78-Pt-195

Radionuclide Production Cross Section 0.000 To 9999. %

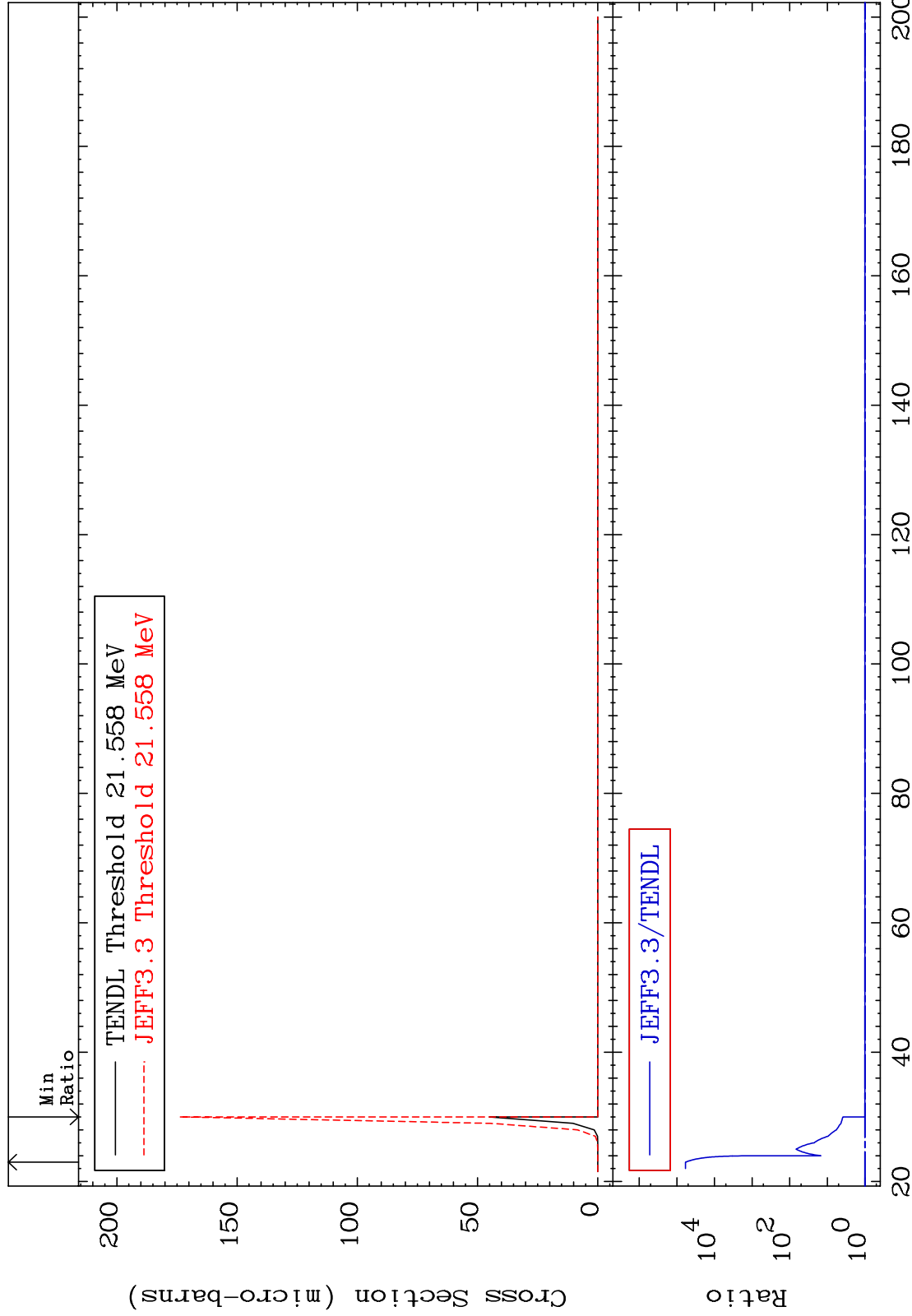


MAT 7840

(n,3n) p:77-Ir-192m3

78-Pt-195

Radionuclide Production Cross Section 0.000 To 9999. %



97

Incident Energy (MeV)

78-Pt-195

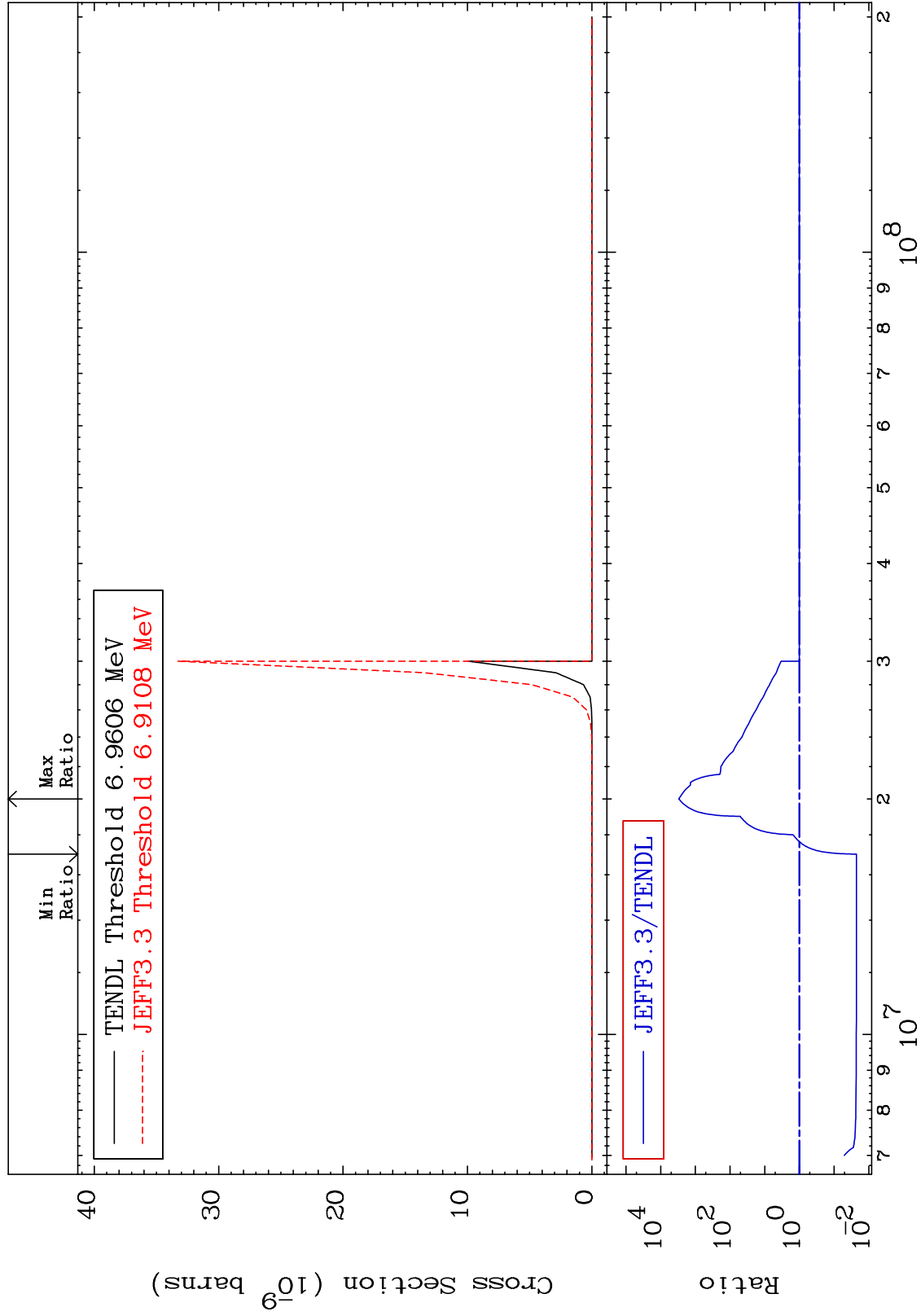
MAT 7840

(n, n') p  $\alpha$ : 75-Re-190g

78-Pt-195

Radionuclide Production Cross Section

-97.75 To 9999. %



98

Incident Energy (eV)

78-Pt-195

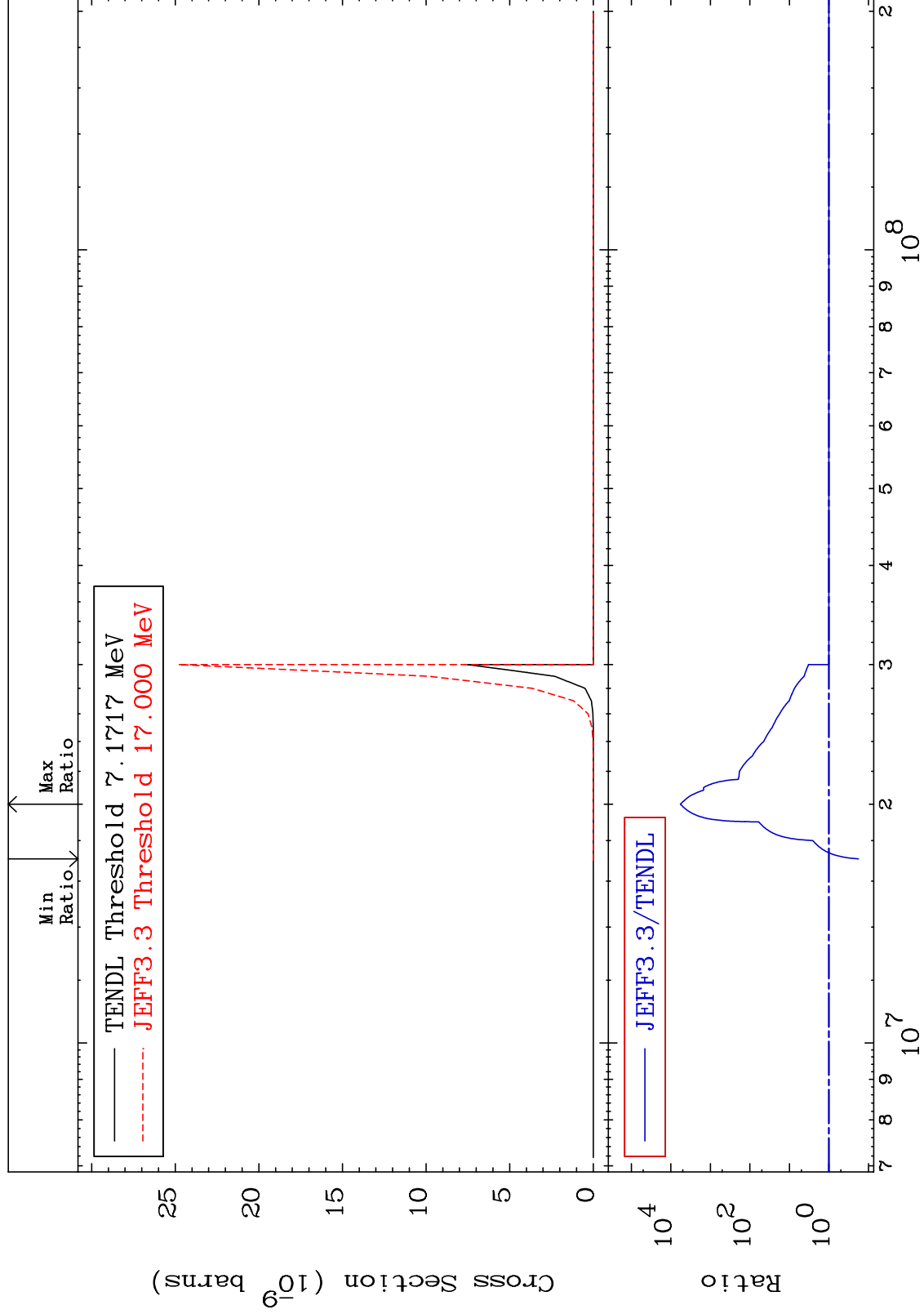
MAT 7840

(n, n') p  $\alpha$ : 75-Re-190m3

78-Pt-195

Radionuclide Production Cross Section

-82.12 To 9999. %



99

Incident Energy (eV)

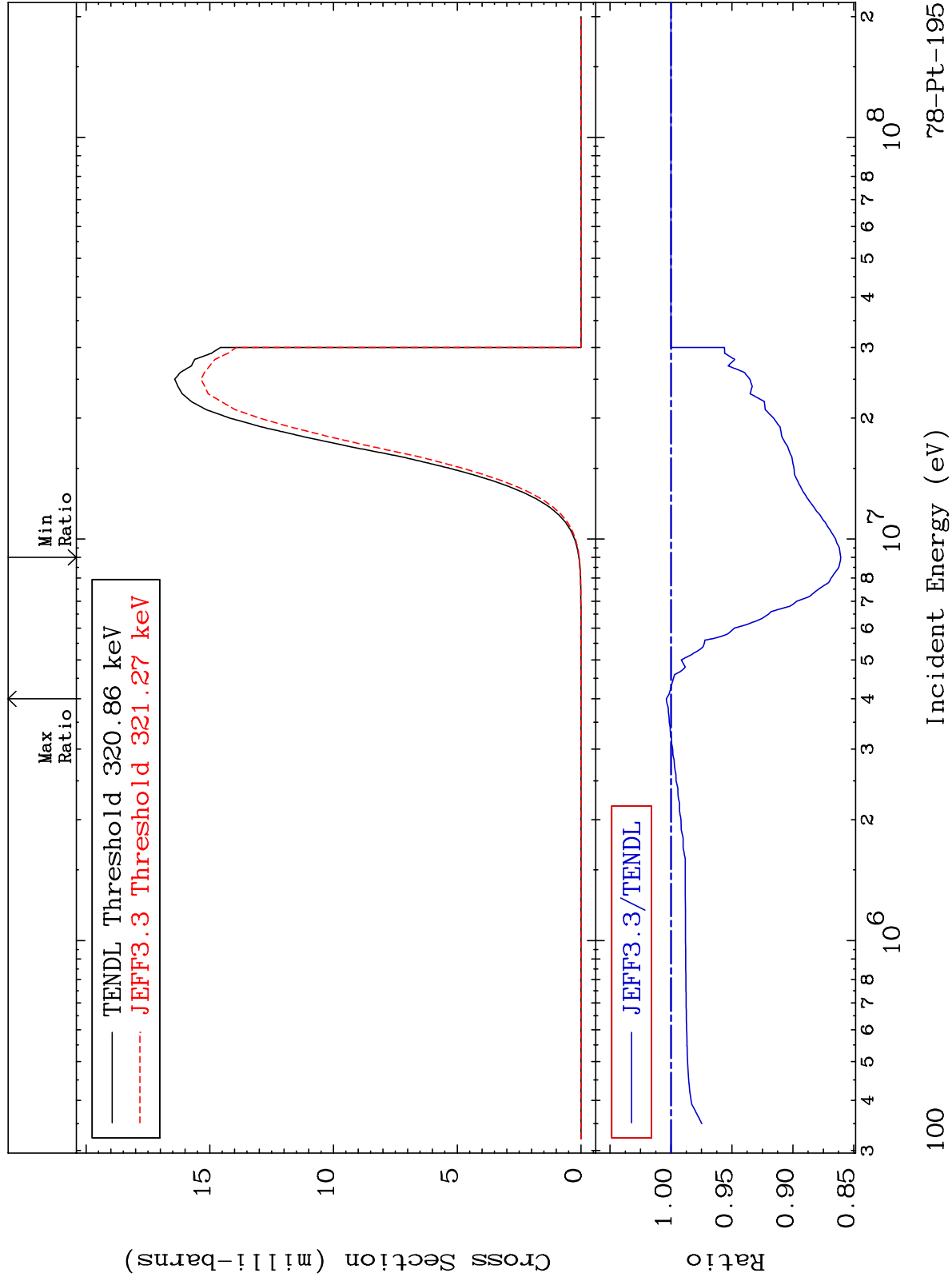
78-Pt-195

MAT 7840

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

78-Pt-195

Radionuclide Production Cross Section -13.93 To 0.383 %

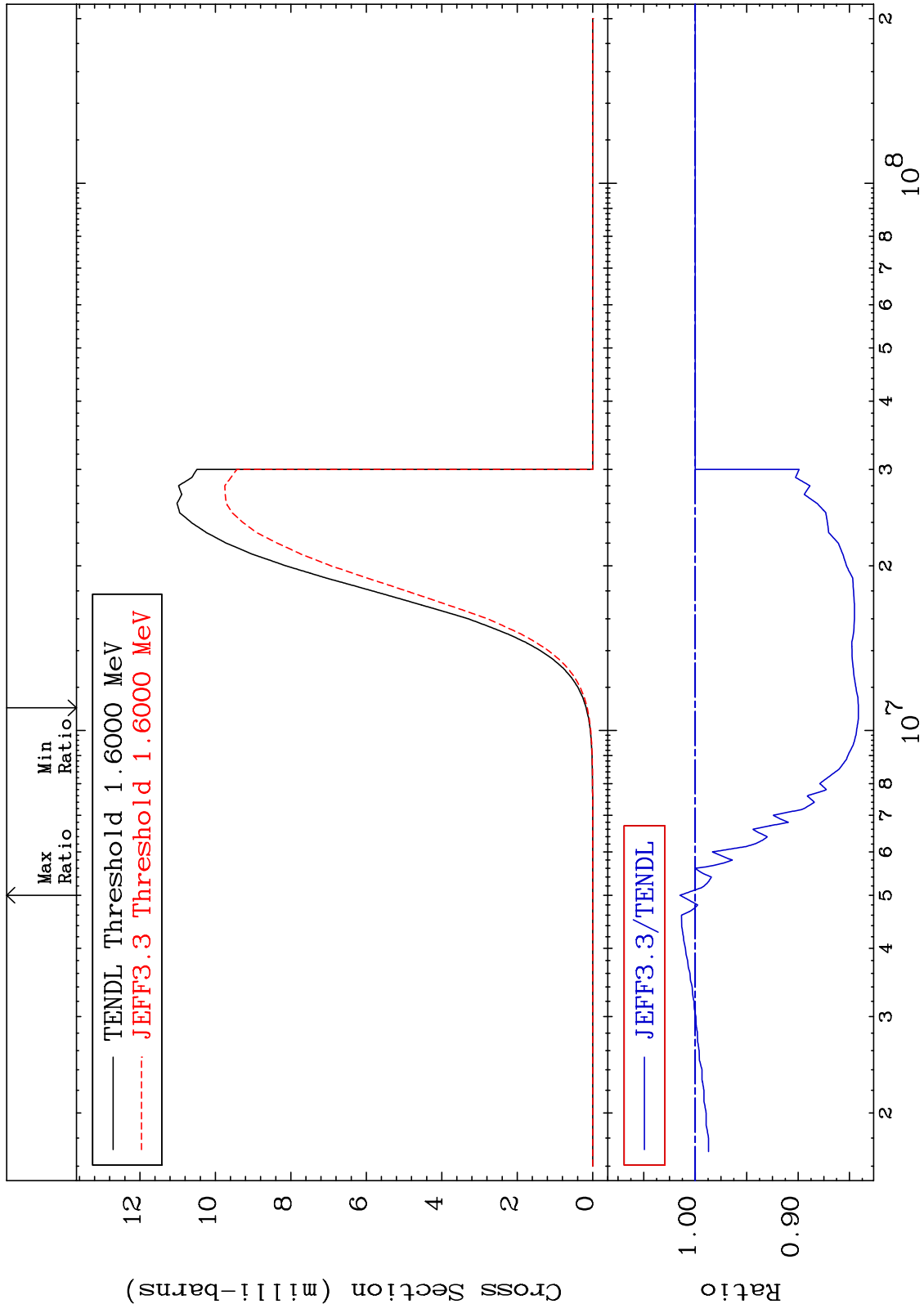


MAT 7840

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

78-Pt-195

Radionuclide Production Cross Section -15.86 To 1.475 %



101

Incident Energy (eV)

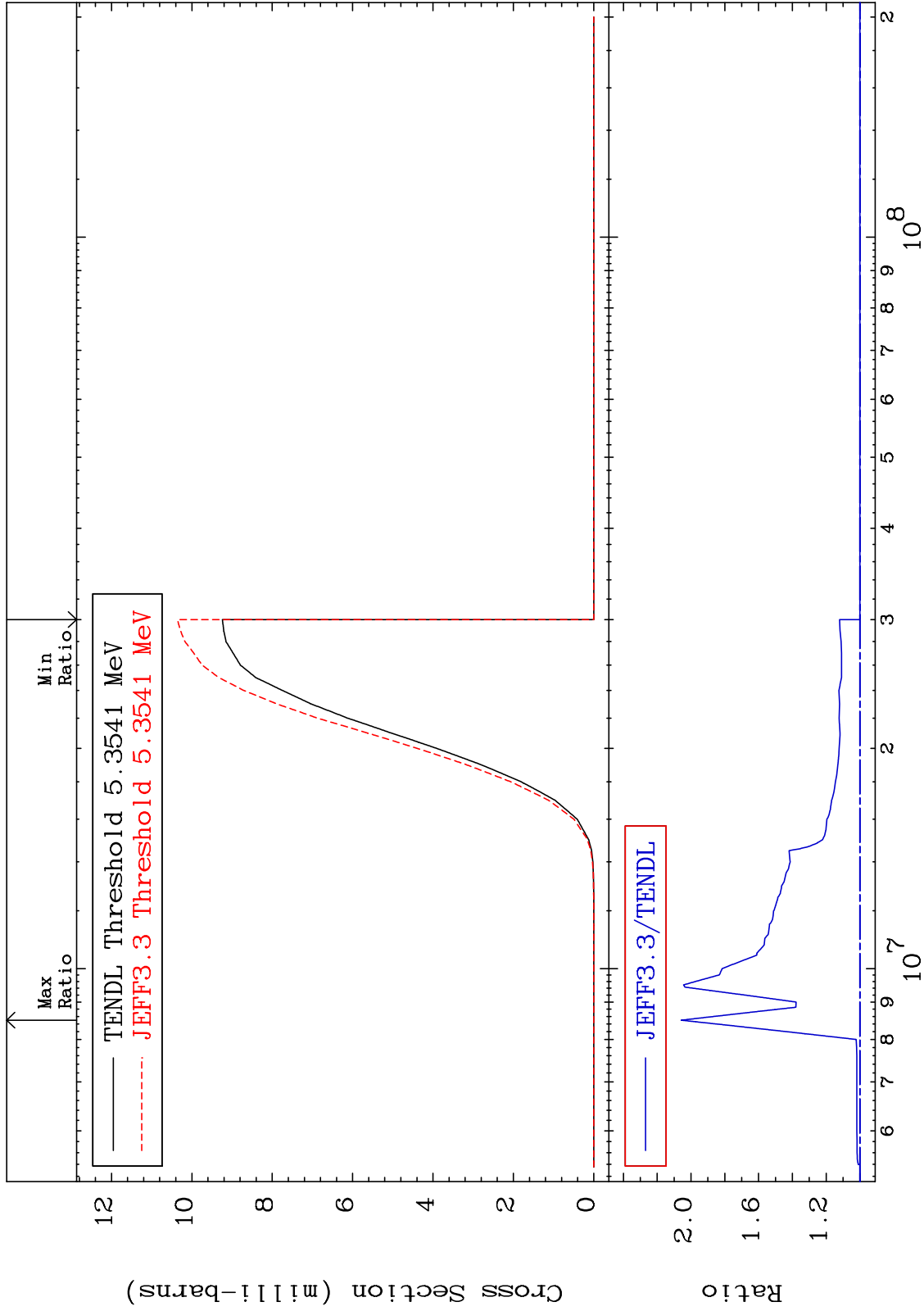
78-Pt-195

MAT 7840

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

78-Pt-195

Radionuclide Production Cross Section 0.000 To 105.8 %



102

Incident Energy (eV)

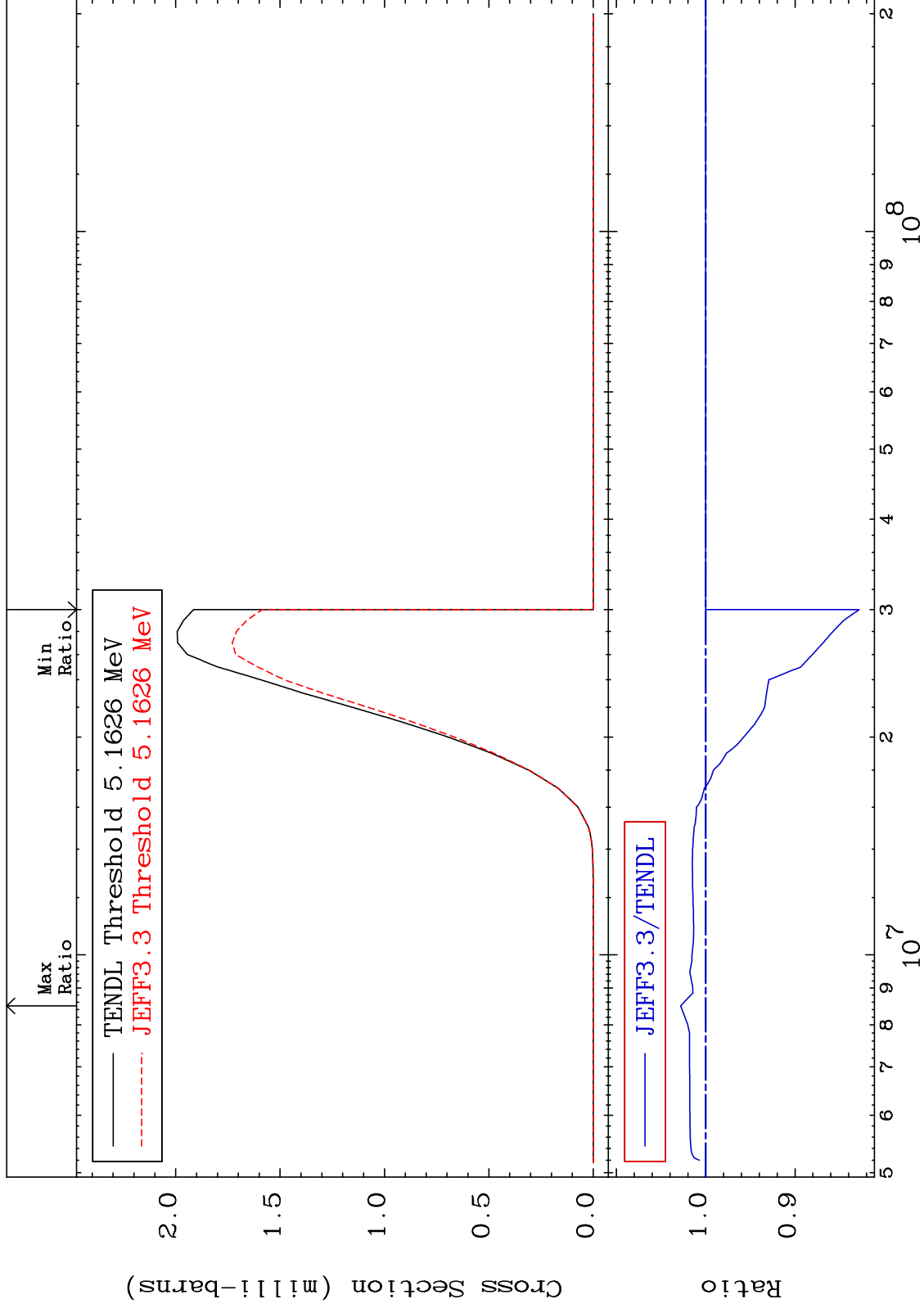
78-Pt-195

MAT 7840

(n, t): 77-Ir-193g

78-Pt-195

Radionuclide Production Cross Section -17.18 To 2.813 %



103

Incident Energy (eV)

78-Pt-195

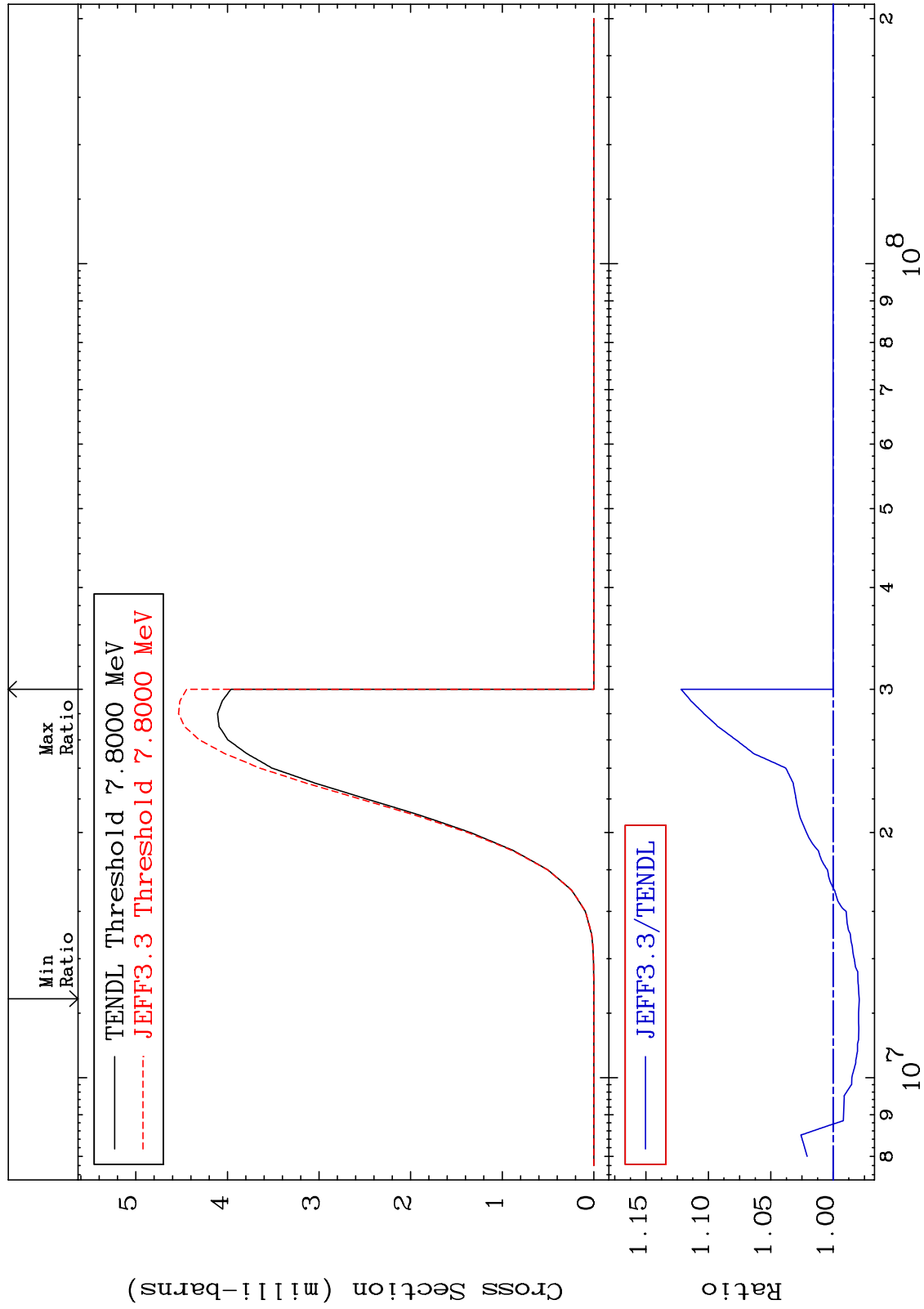


MAT 7840

(n, t) : 77-Ir-193m2

78-Pt-195

Radionuclide Production Cross Section -2.092 To 12.19 %

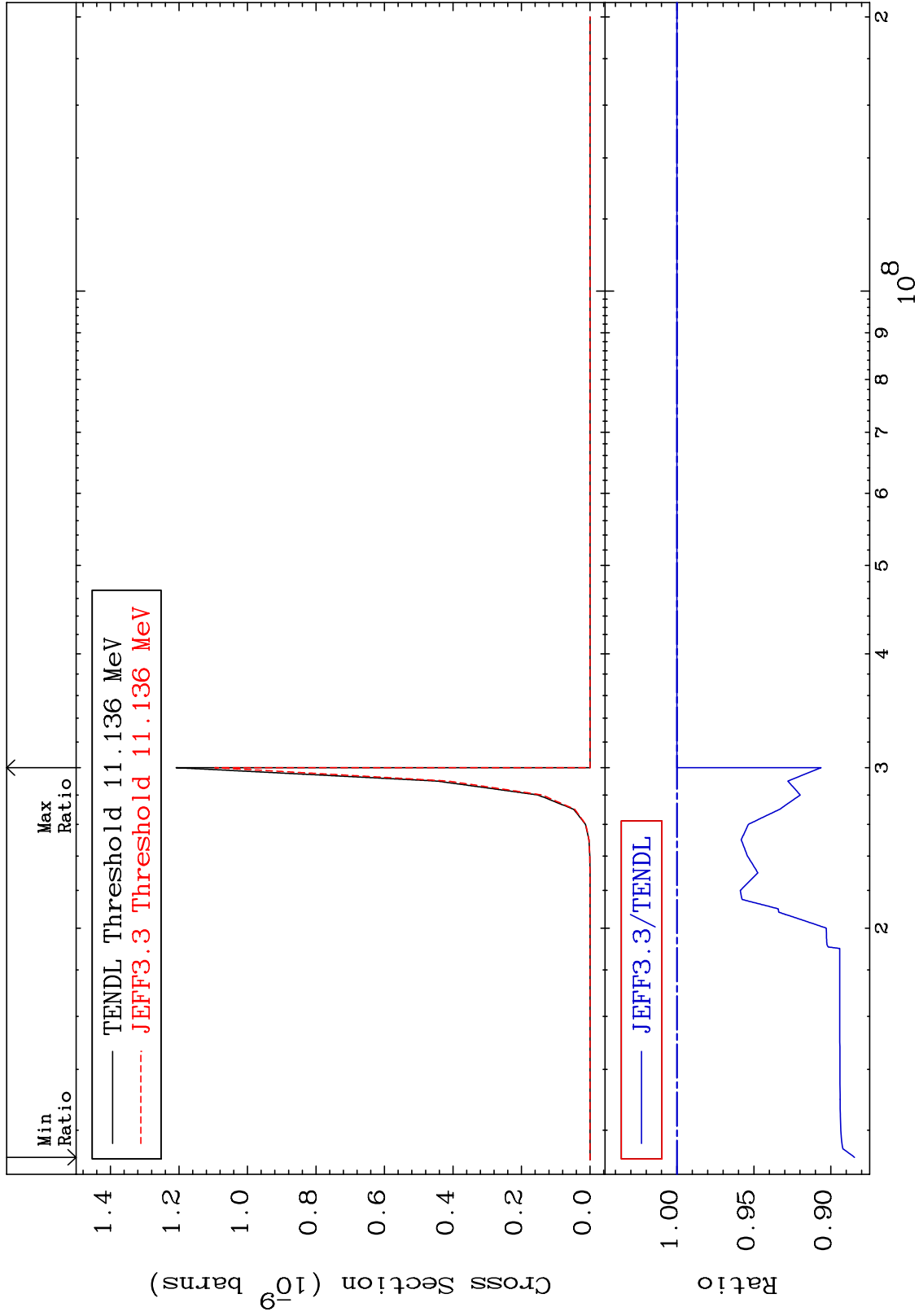


MAT 7840

(n, p) t:76-0s-192g

78-Pt-195

Radionuclide Production Cross Section -11.54 To 0.000 %



105

Incident Energy (eV)

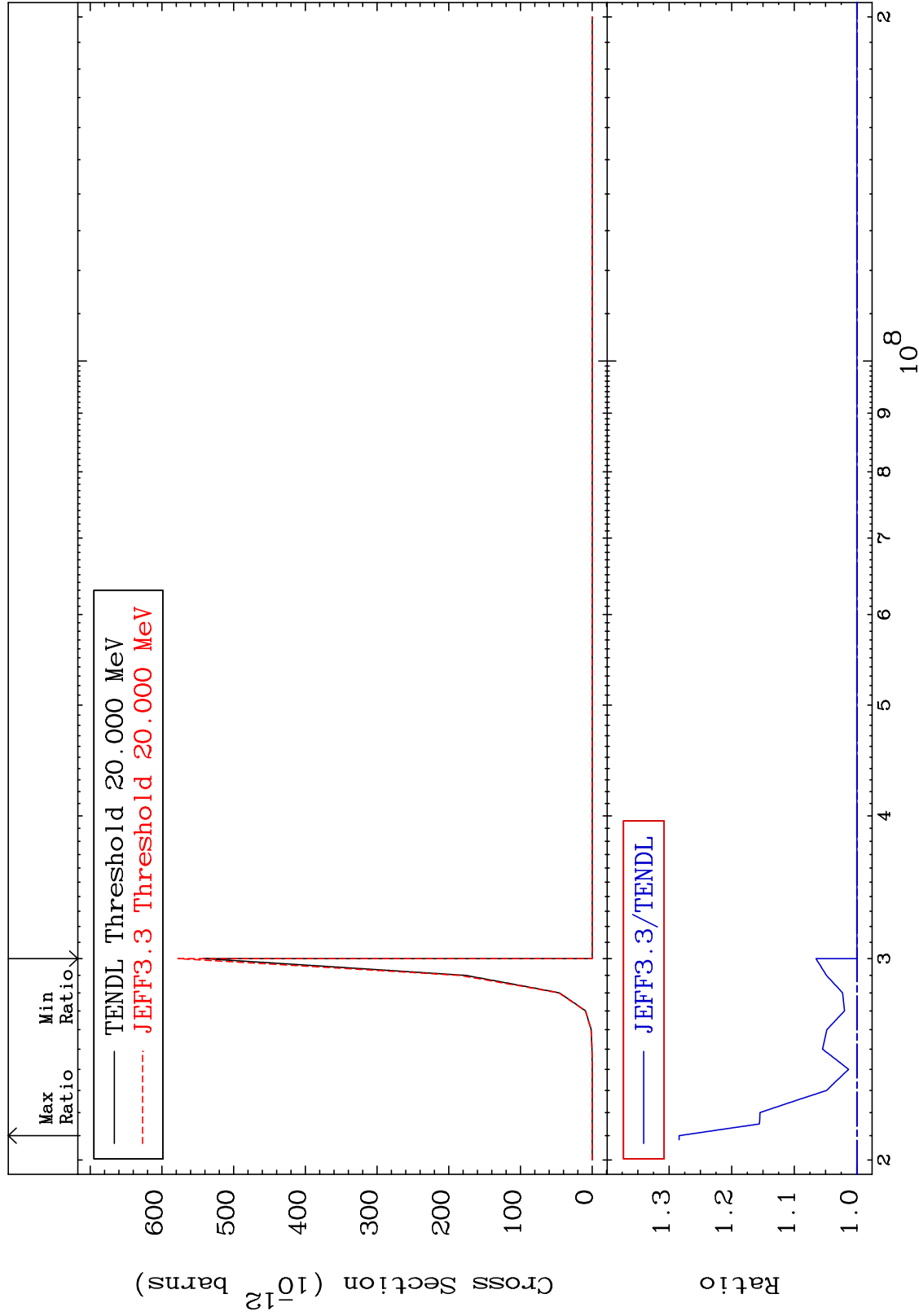
78-Pt-195

MAT 7840

(n, p) t: 76-Os-192m10

78-Pt-195

Radionuclide Production Cross Section 0.000 To 28.38 %



106

Incident Energy (eV)

78-Pt-195