

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

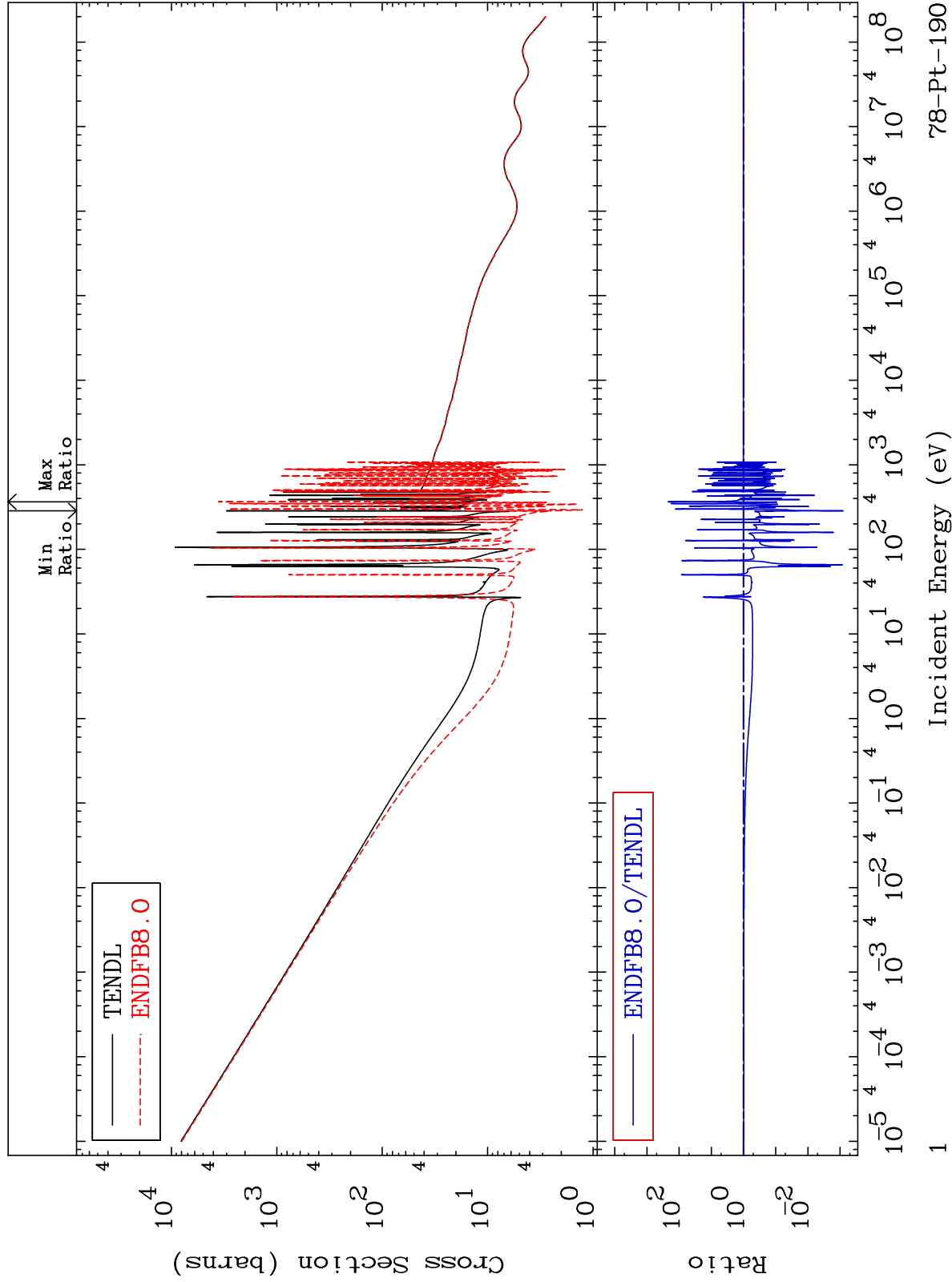
MAT 7825

Total

78-Pt-190

Cross Section

-99.92 To 9999. %



78-Pt-190

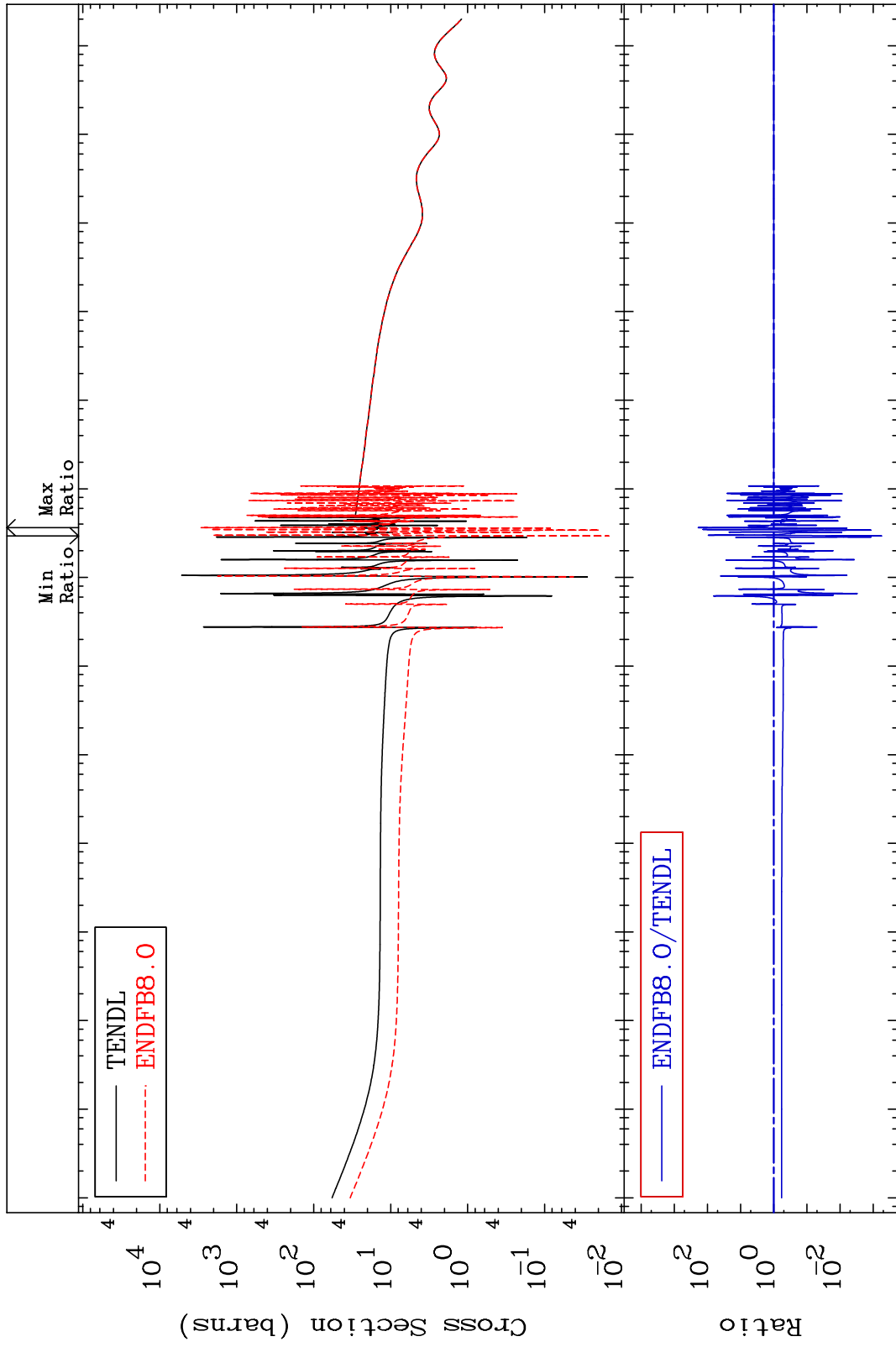
MAT 7825

Elastic

78-Pt-190

Cross Section

-99.94 To 9999. %



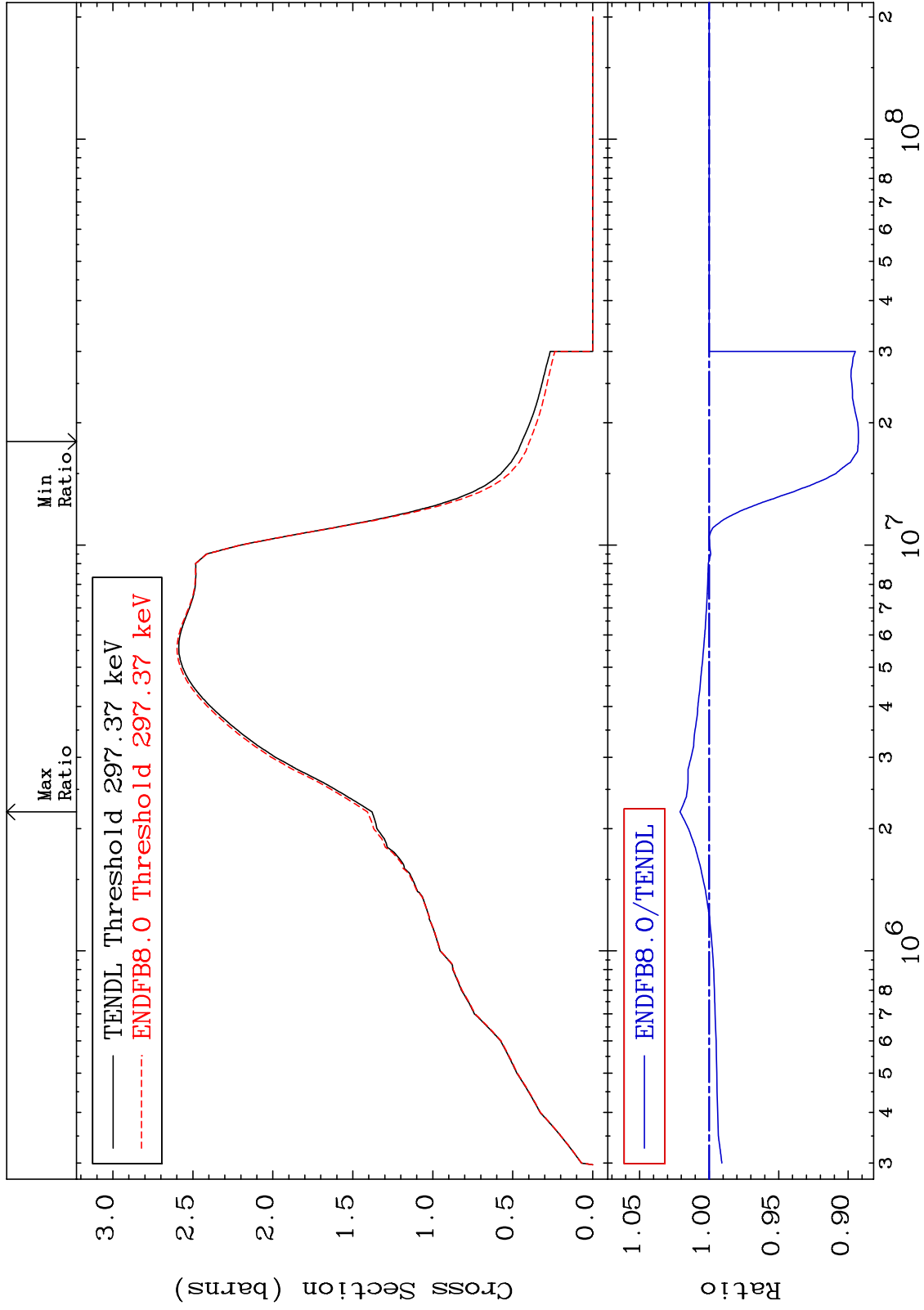
MAT 7825

Inelastic

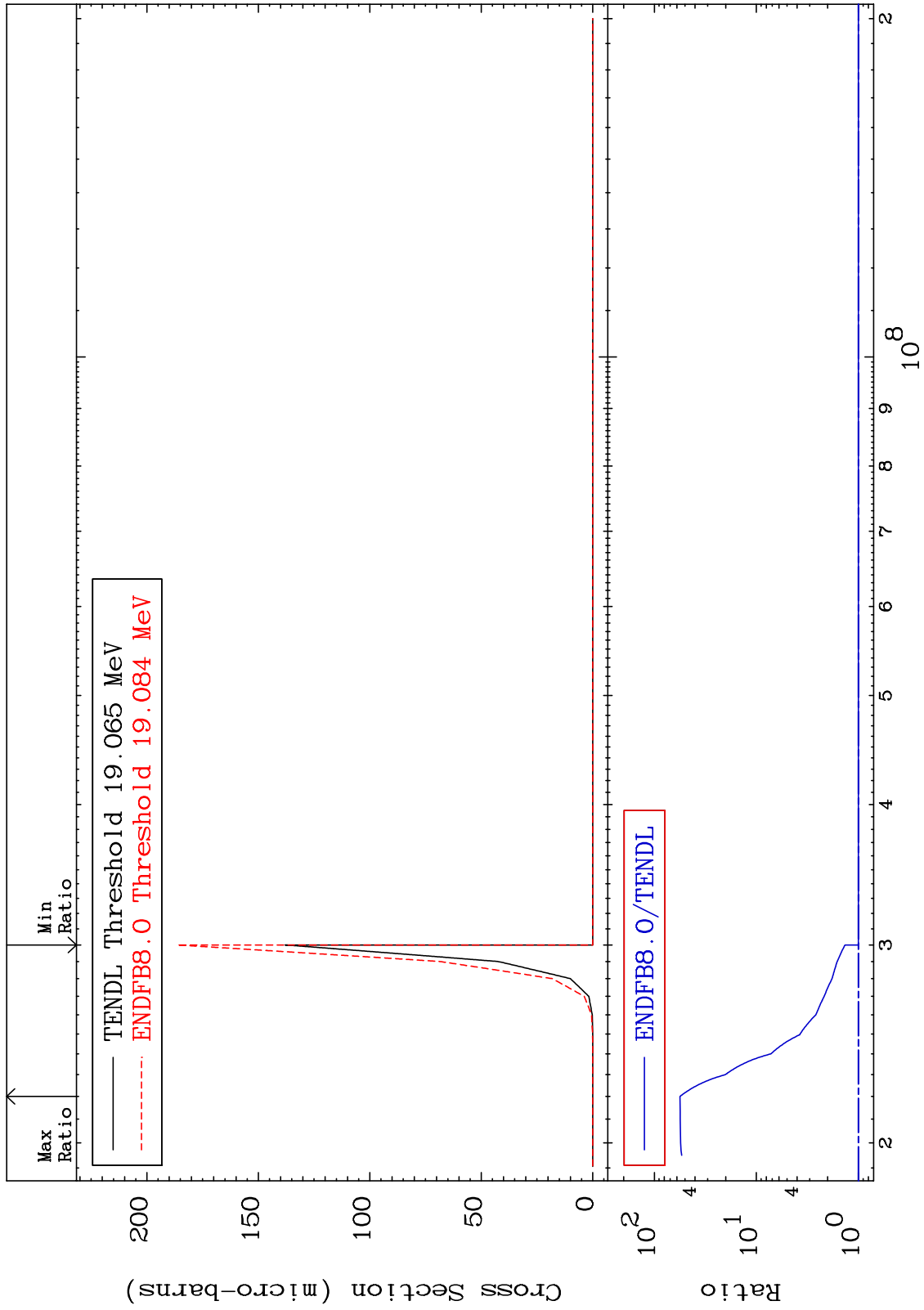
78-Pt-190

Cross Section

-10.74 To 2.096 %



MAT 7825 (n,2n) d 78-Pt-190
 Cross Section 0.000 To 5501. %



78-Pt-190

Incident Energy (eV)

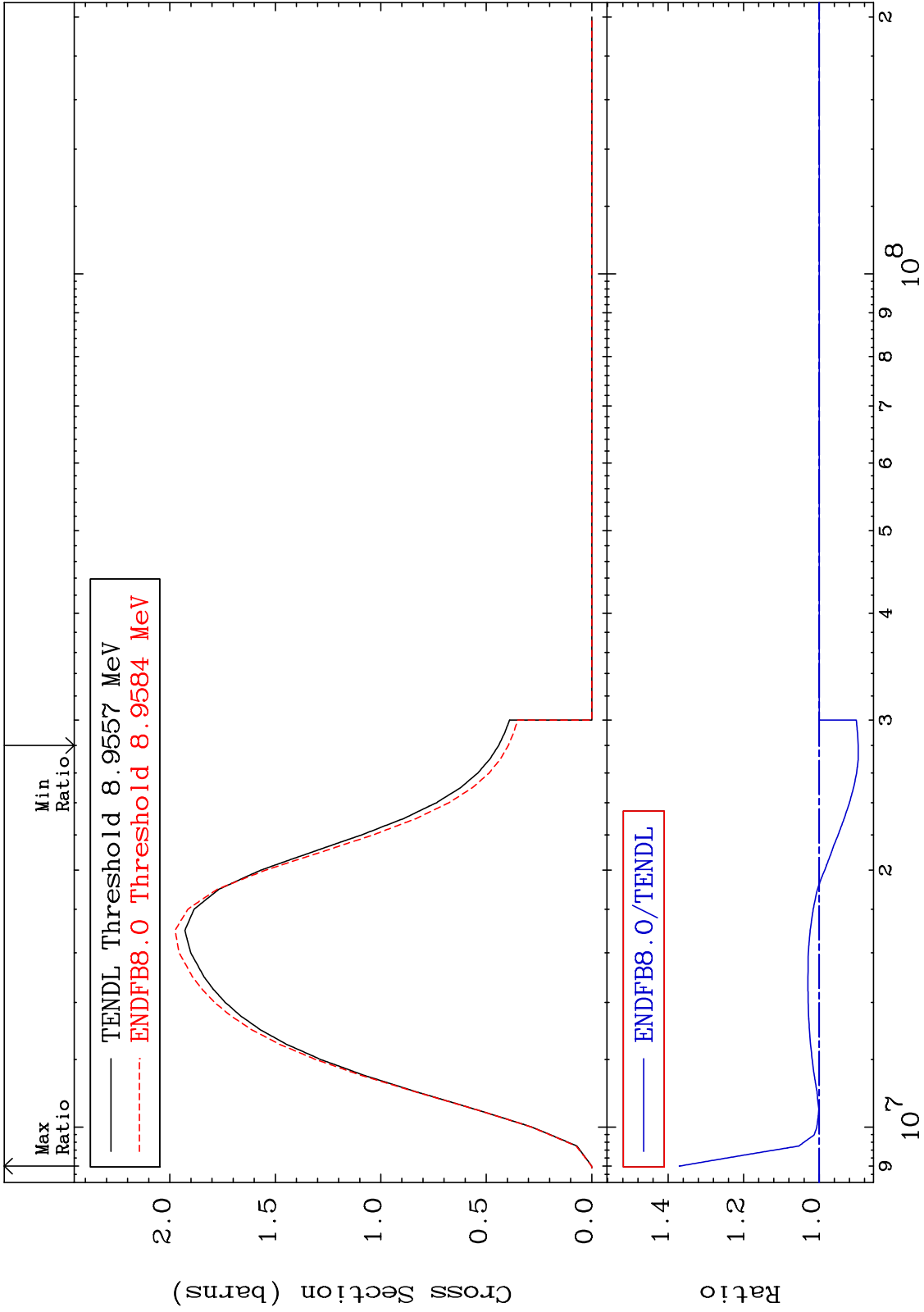
MAT 7825

(n,2n)

78-Pt-190

Cross Section

-10.34 To 37.02 %



5

Incident Energy (eV)

78-Pt-190

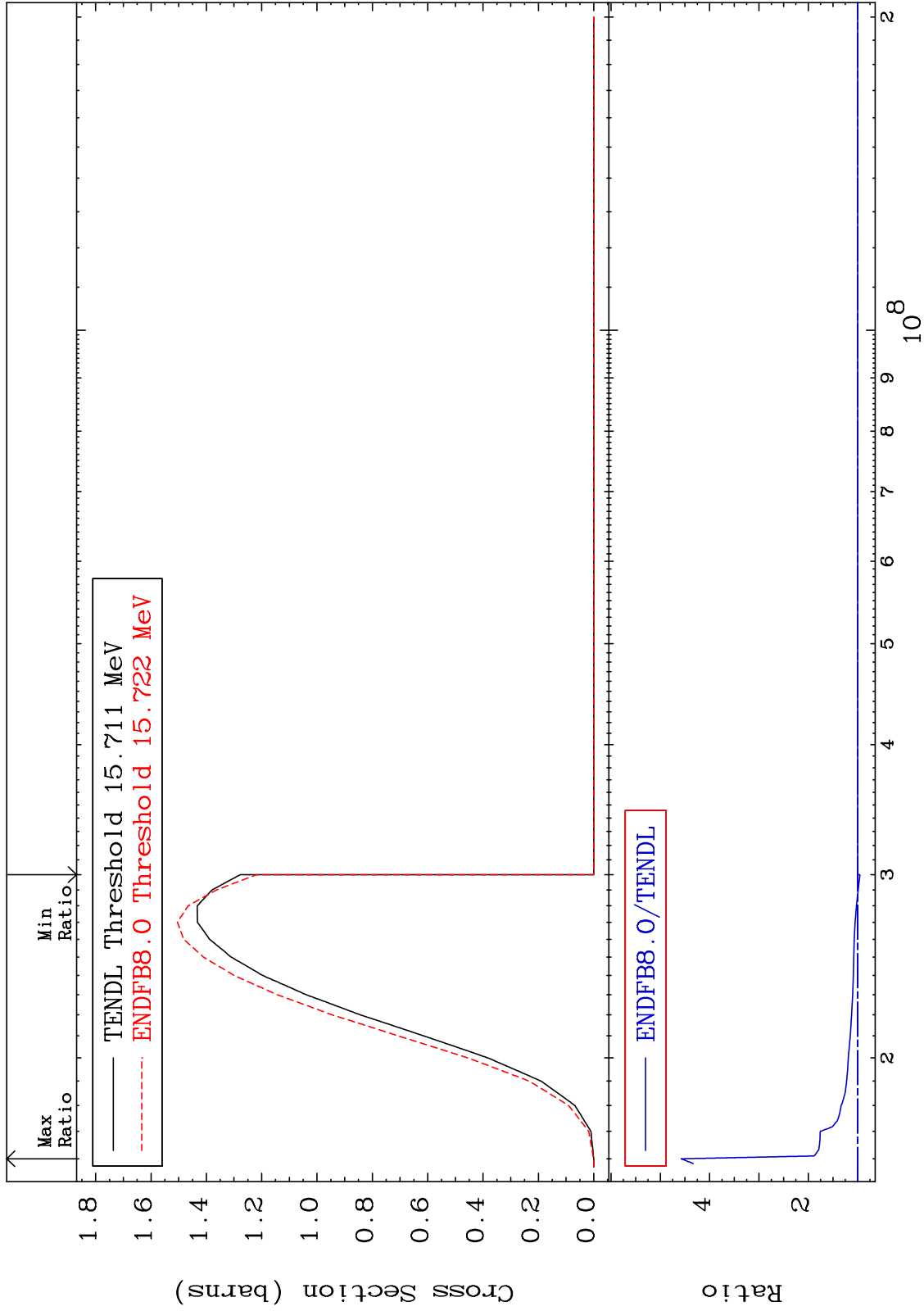
MAT 7825

(n, 3n)

78-Pt-190

Cross Section

-4.687 To 357.6 %



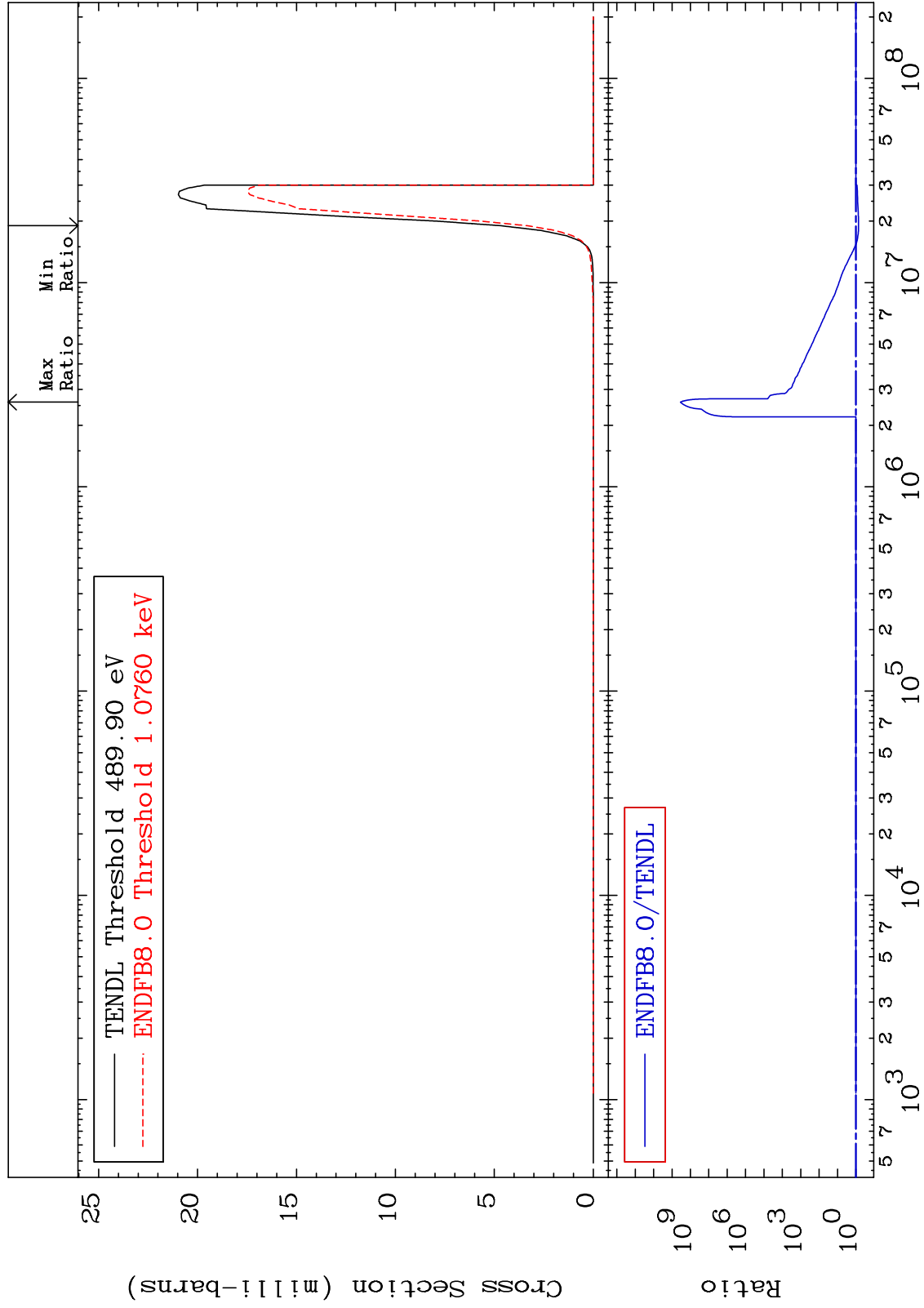
MAT 7825

(n, n') α

Cross Section

78-Pt-190

-28.45 To 9999. %



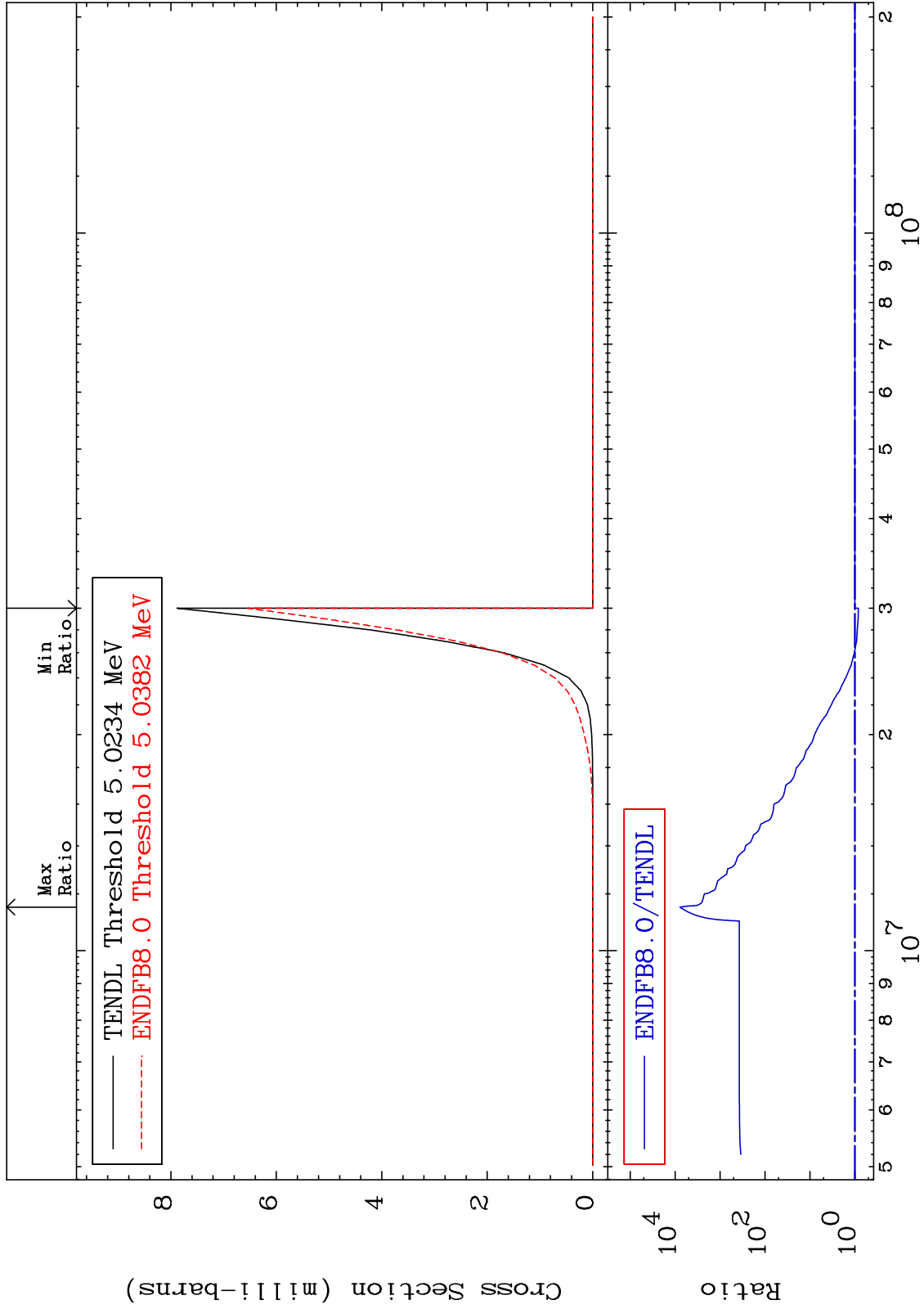
MAT 7825

(n,2n) α

78-Pt-190

-17.00 To 9999. %

Cross Section



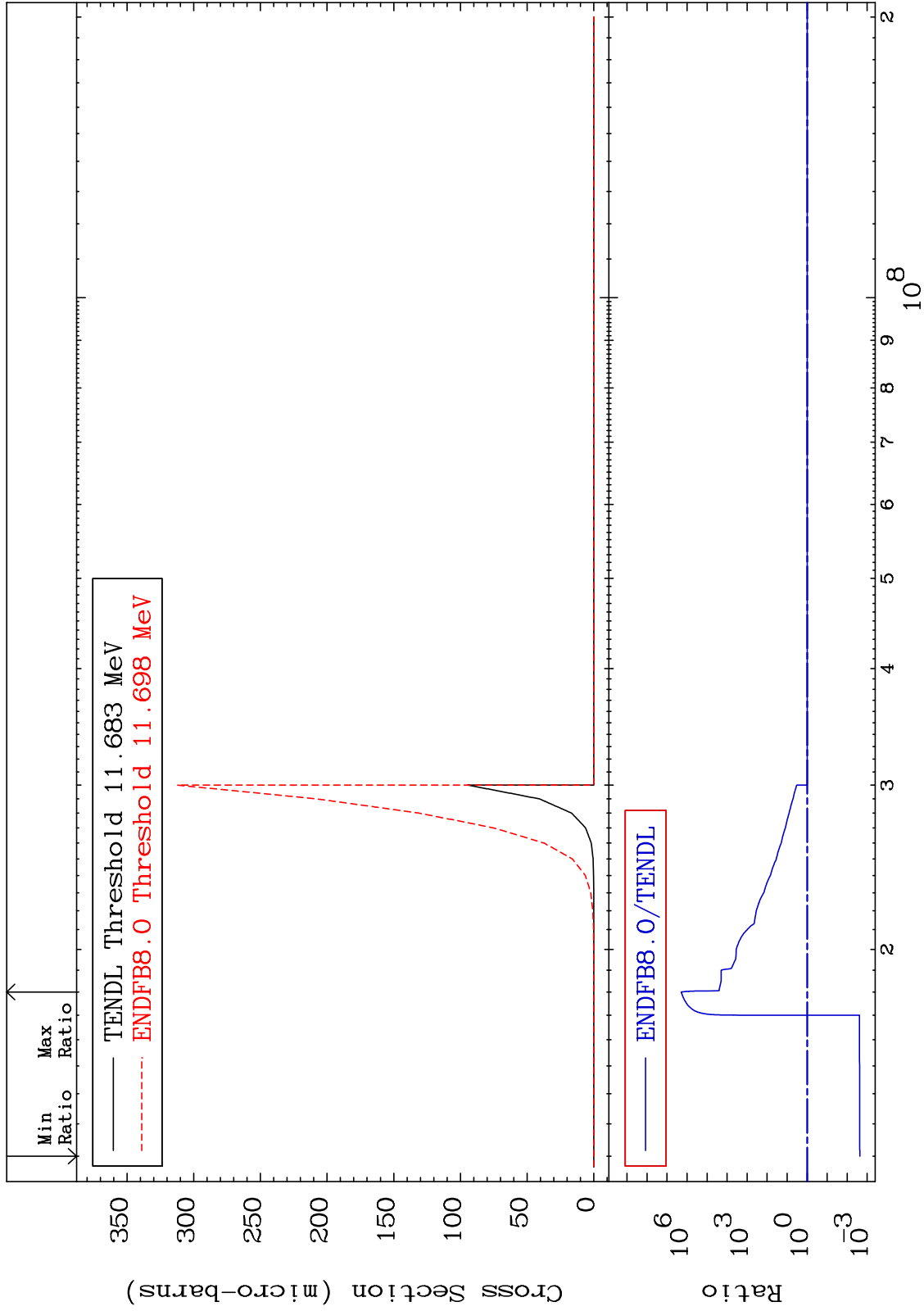
MAT 7825

(n,3n) α

78-Pt-190

Cross Section

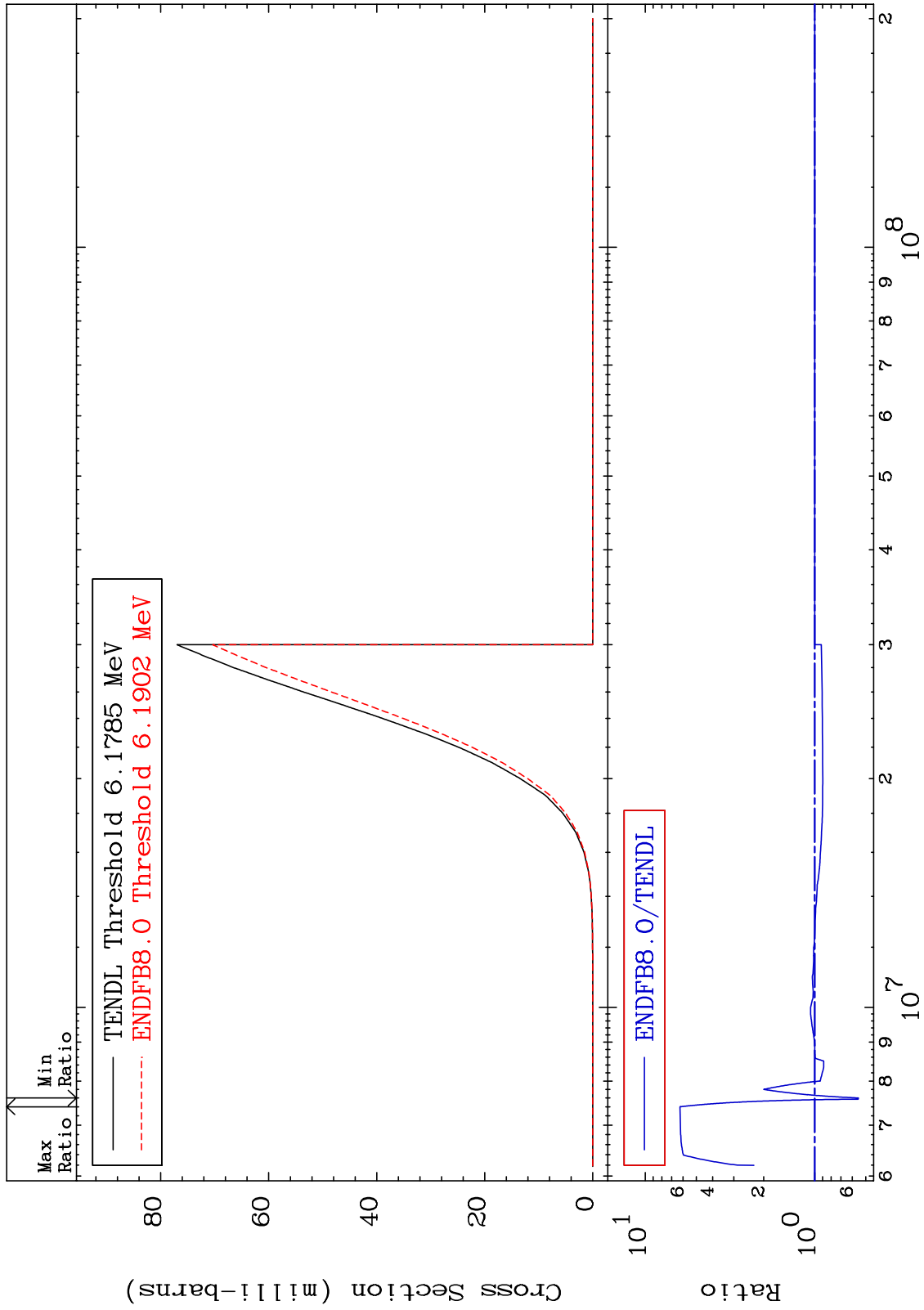
-99.77 To 9999. %



MAT 7825

(n,n') p
Cross Section

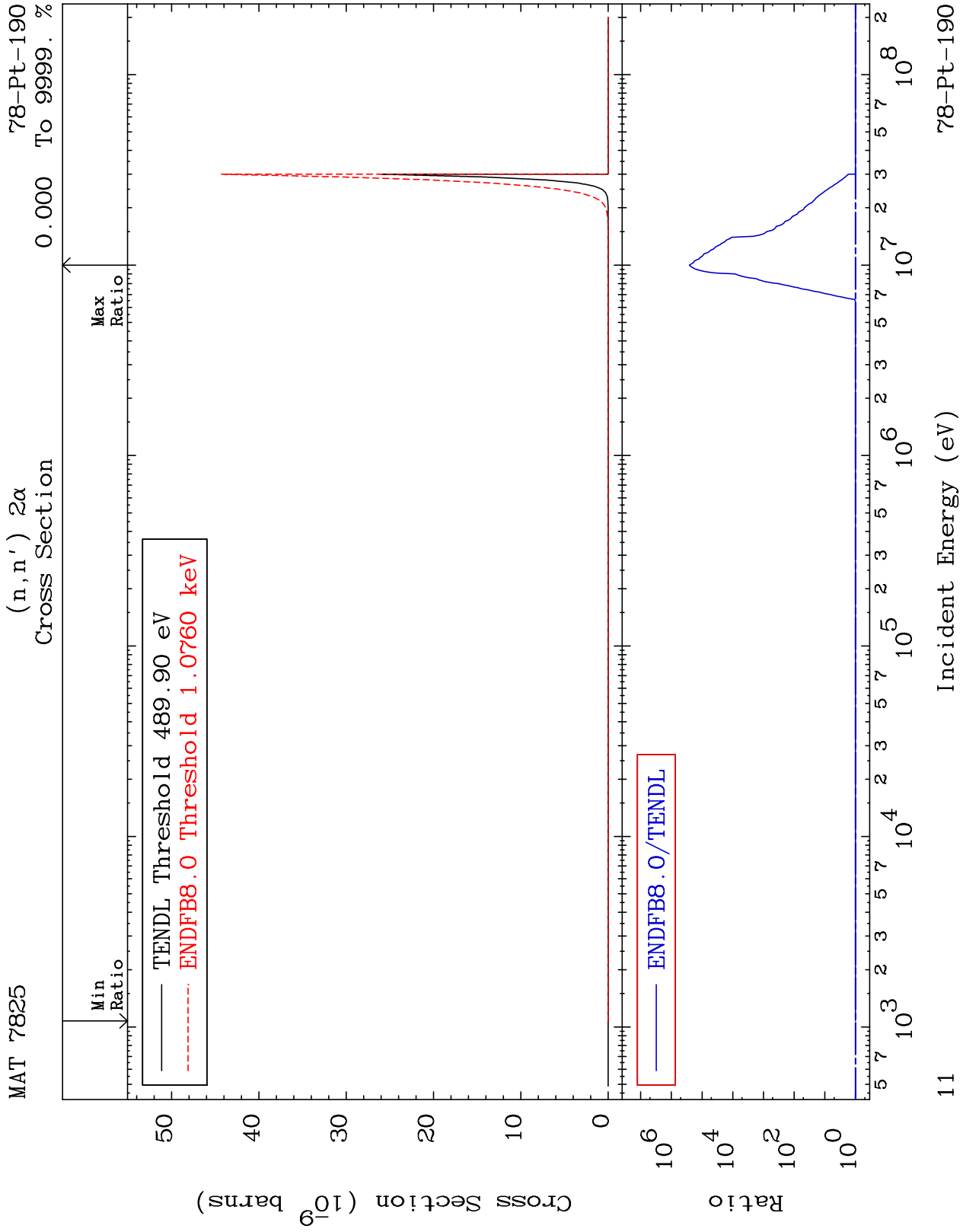
78-Pt-190
-44.75 To 524.2 %



10

Incident Energy (eV)

78-Pt-190



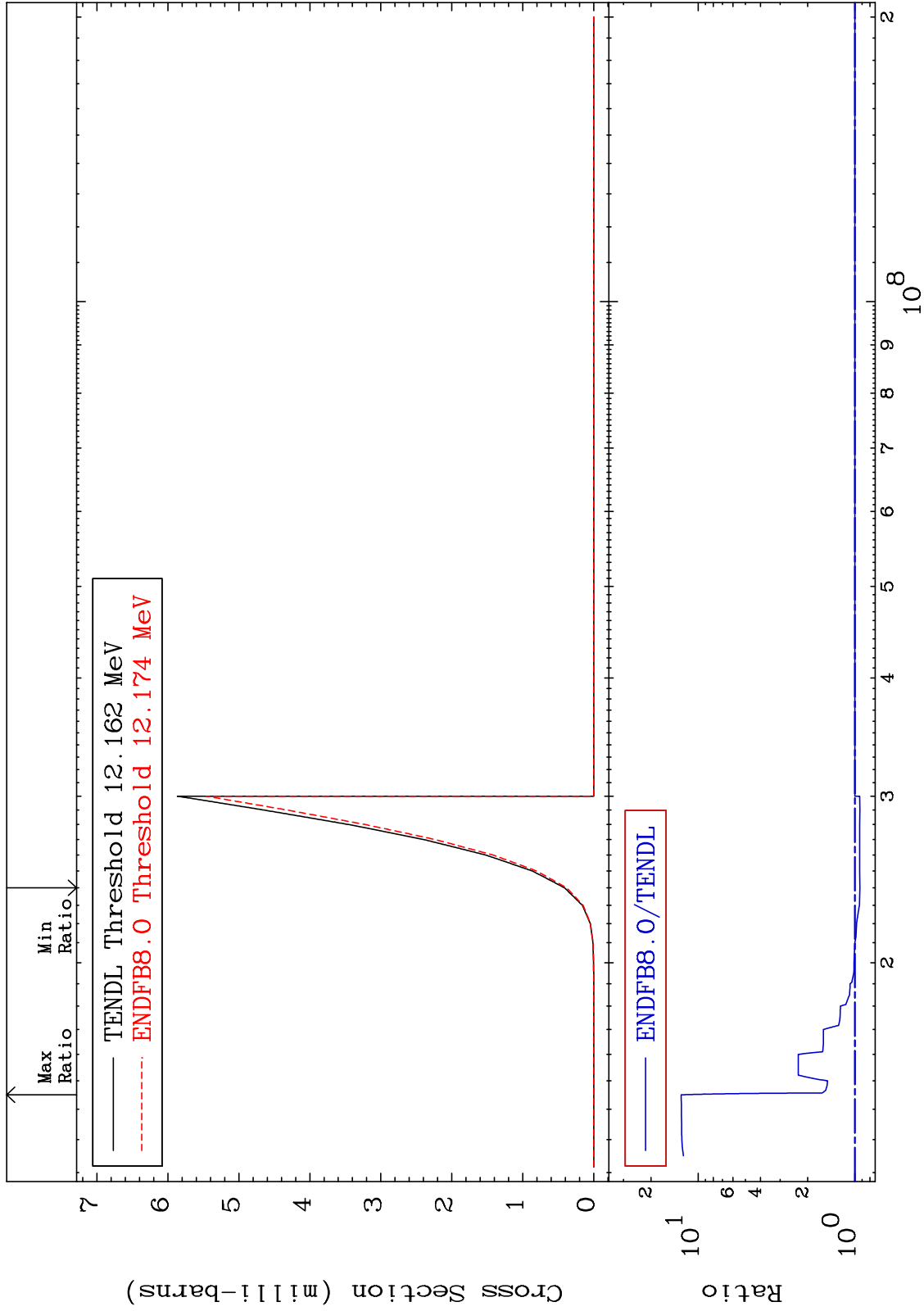
MAT 7825

(n,n') d

78-Pt-190

Cross Section

-7.193 To 1183. %



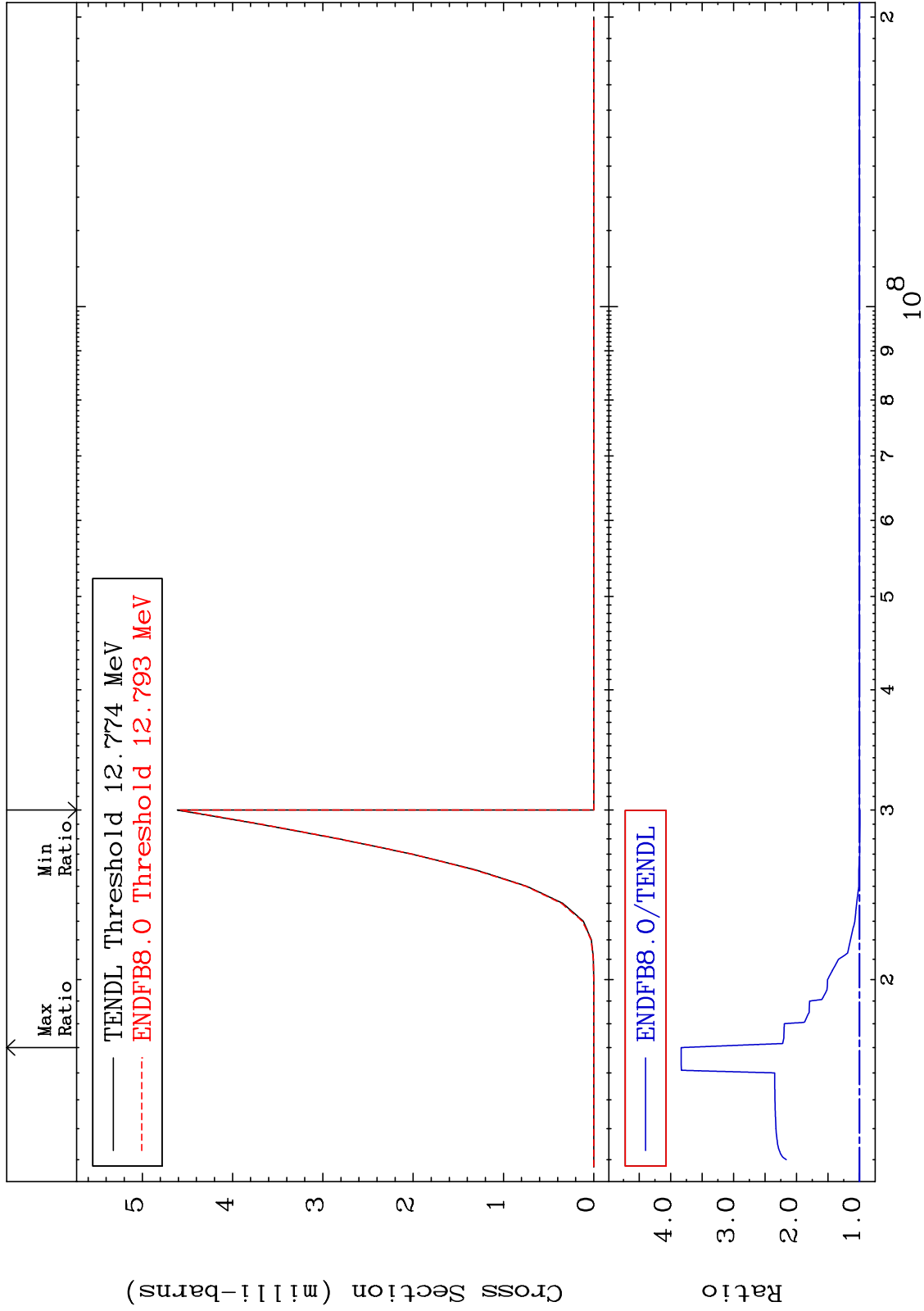
MAT 7825

(n, n') t

78-Pt-190

Cross Section

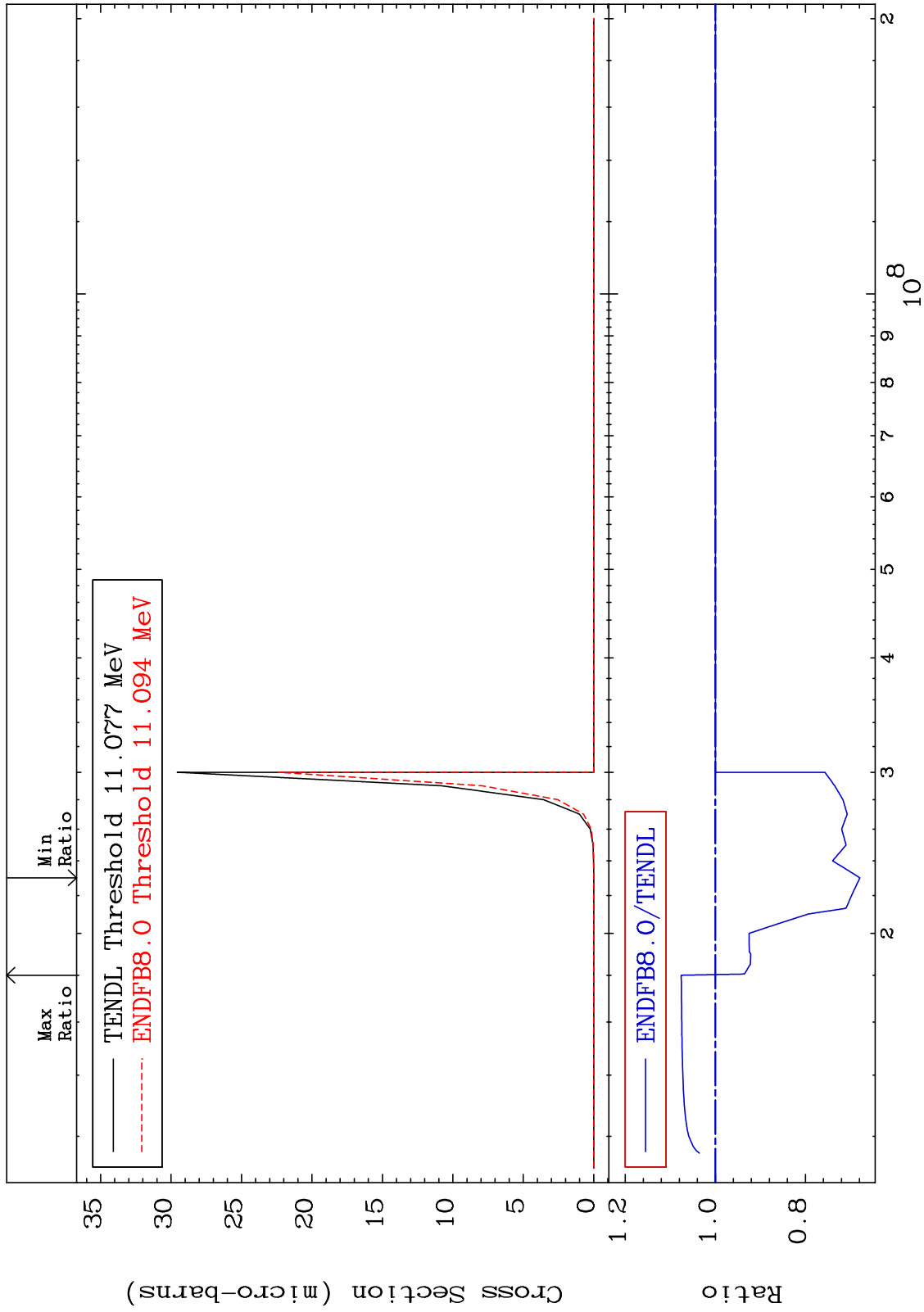
-0.596 To 283.3 %



MAT 7825

(n, n') He-3
Cross Section

78-Pt-190
-32.10 To 7.583 %



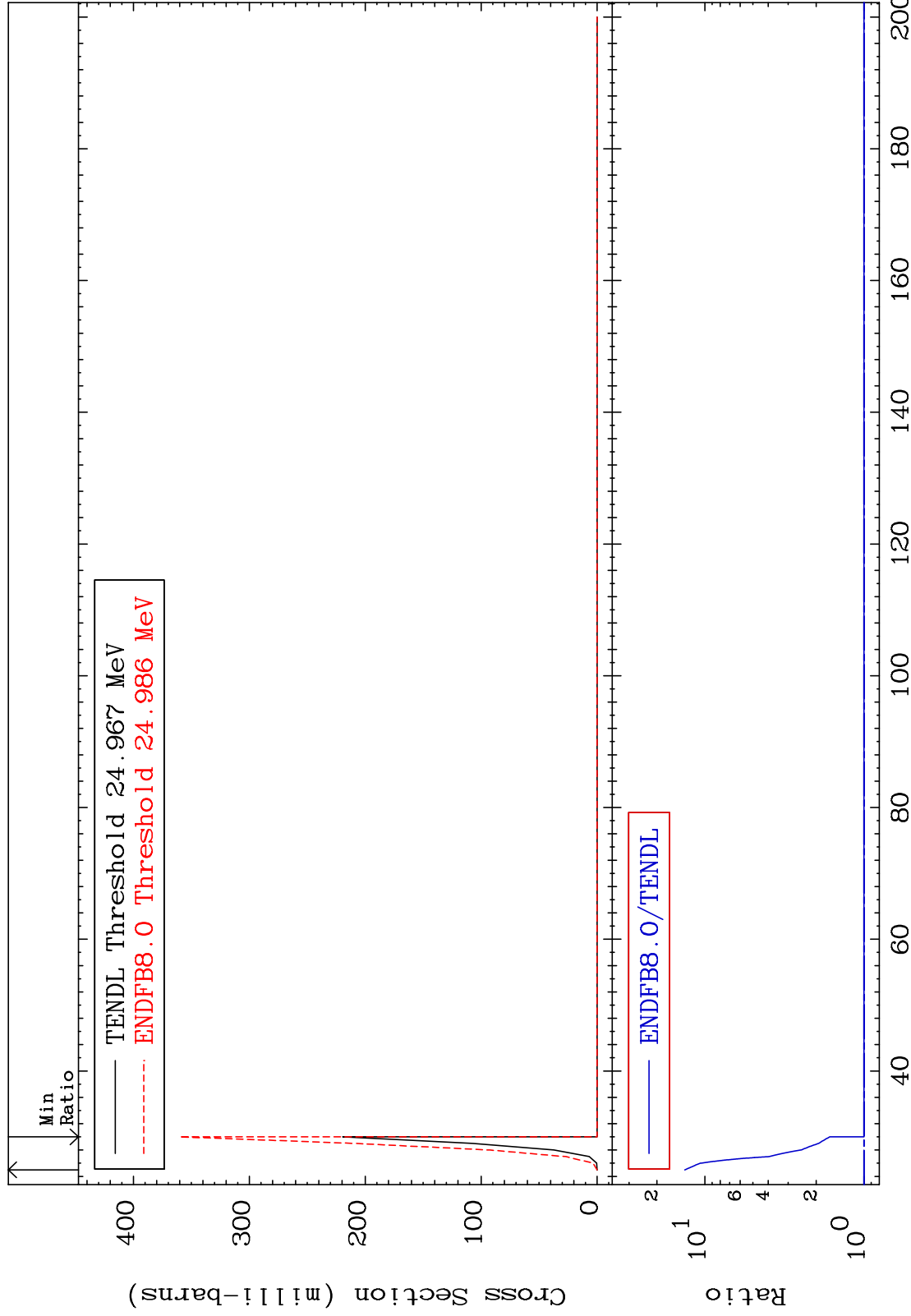
MAT 7825

(n, 4n)

78-Pt-190

Cross Section

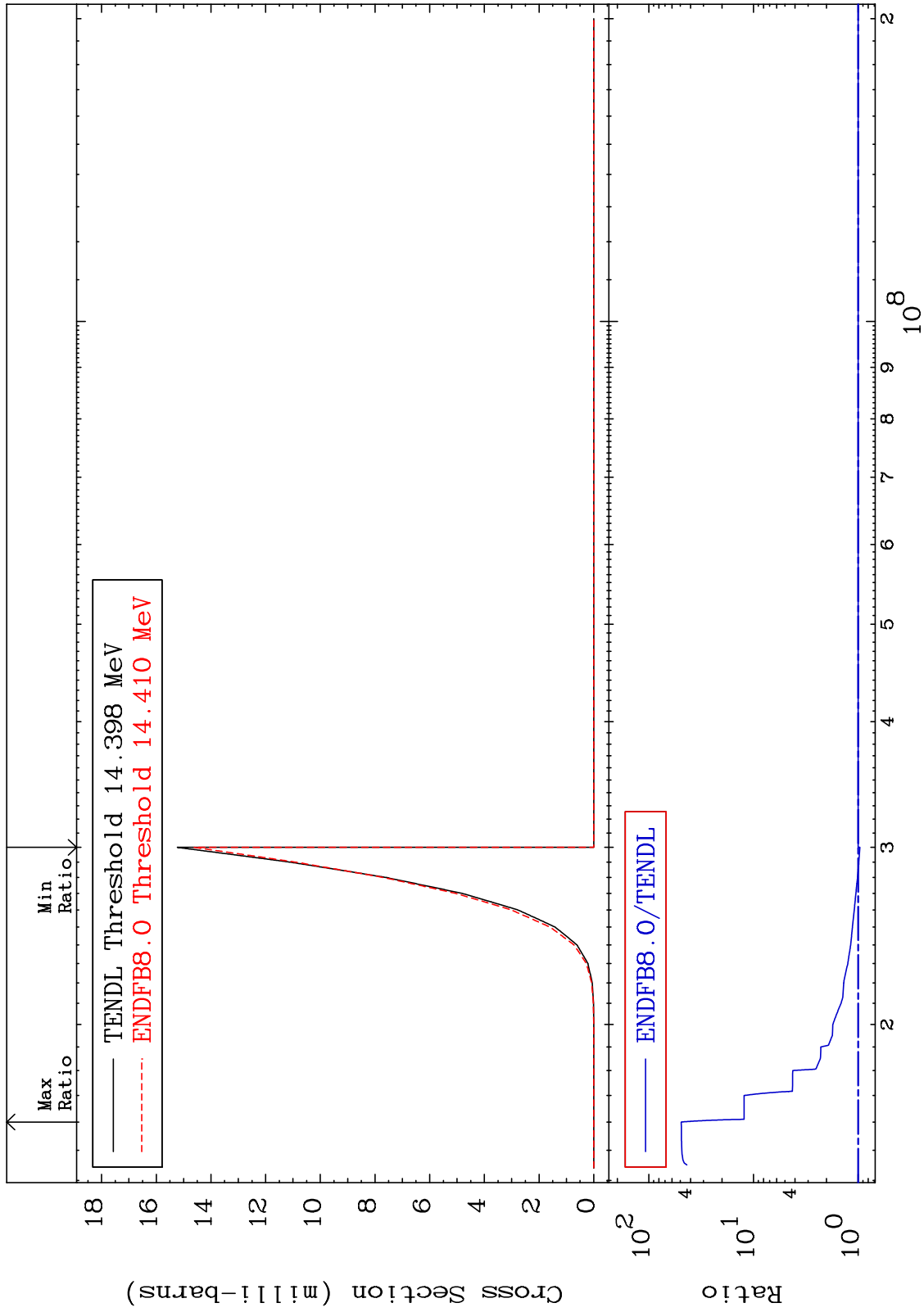
0.000 To 1238. %



MAT 7825

(n,2n) p
Cross Section

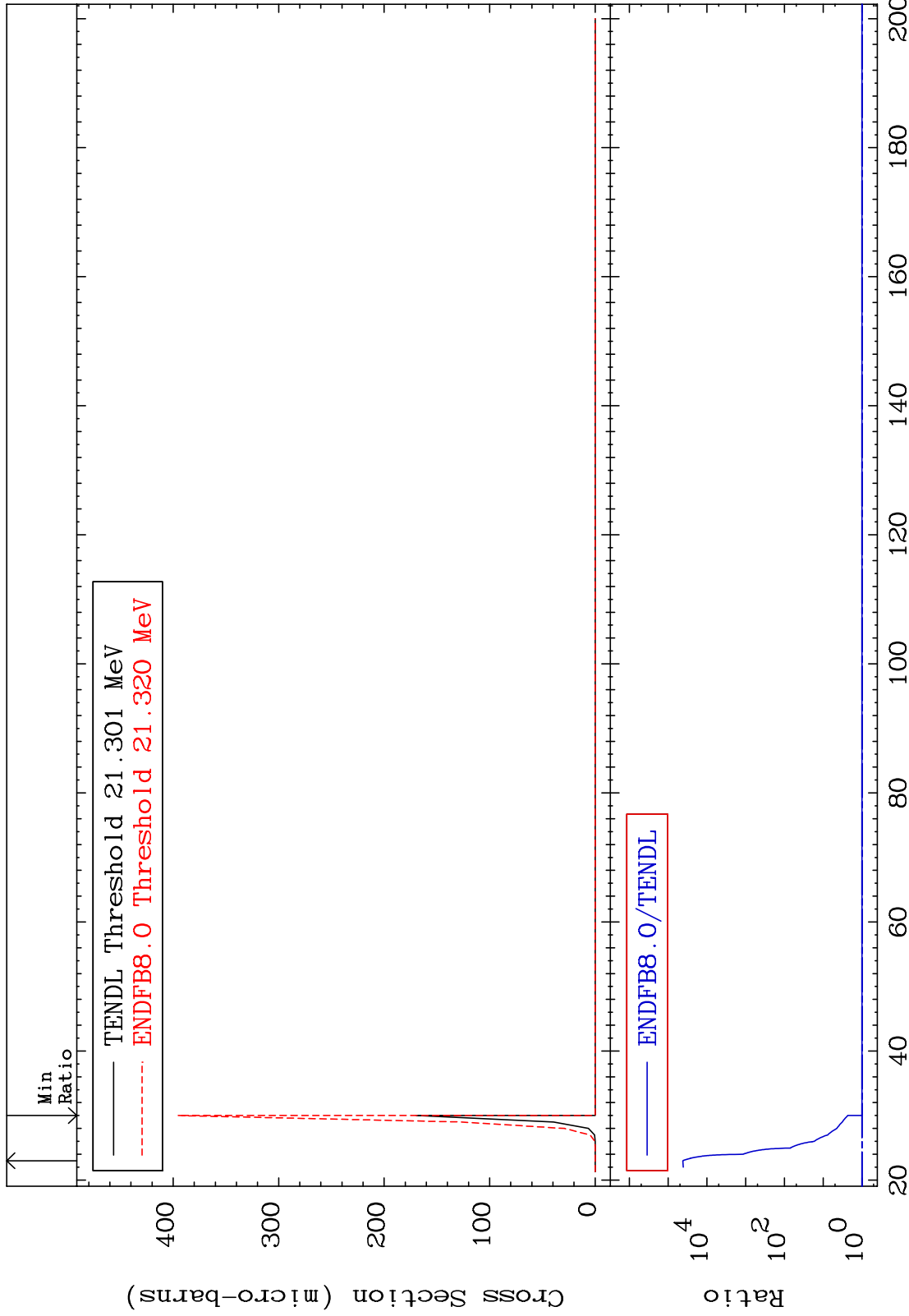
78-Pt-190
-4.050 To 4802. %

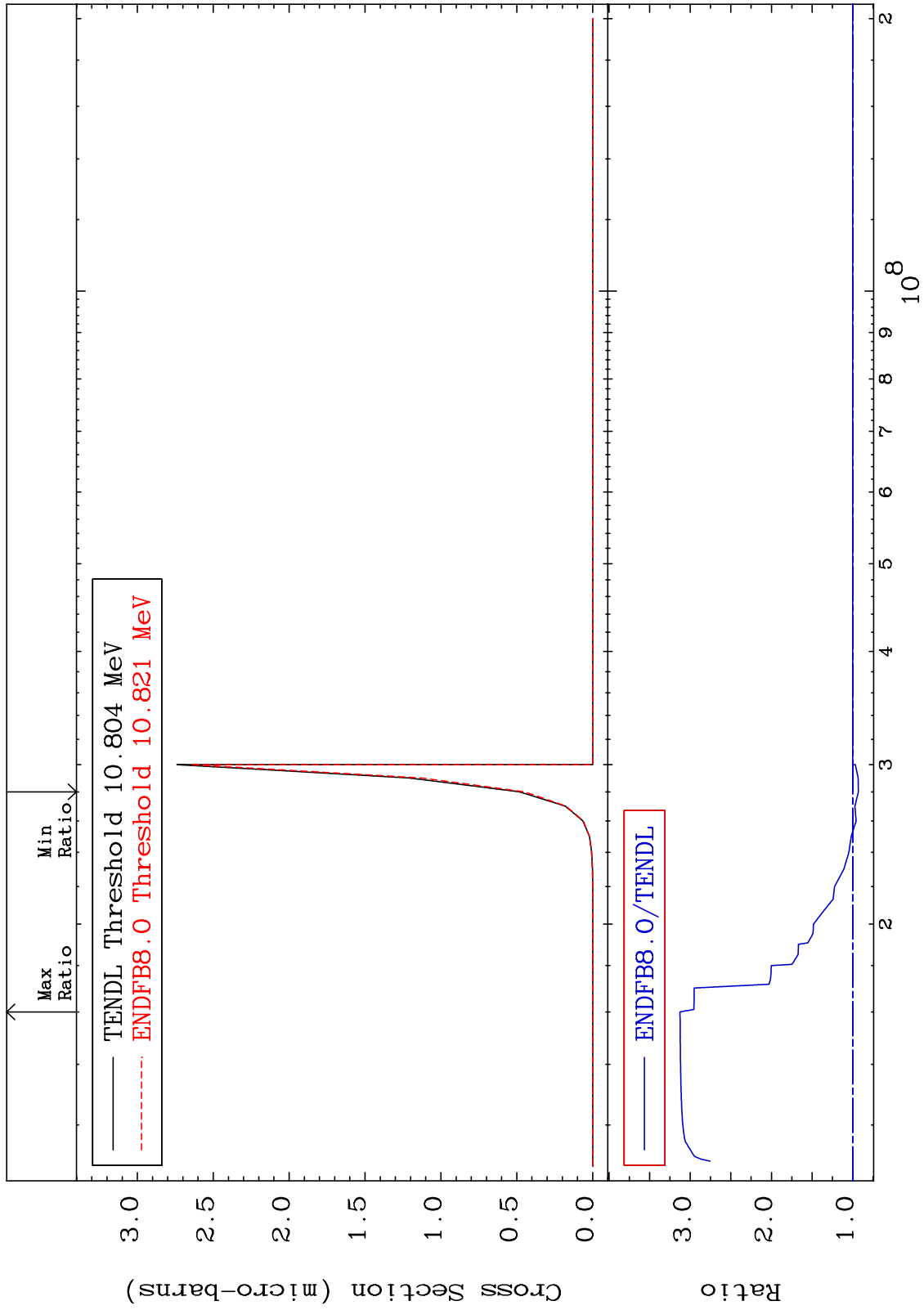


MAT 7825

(n,3n) p
Cross Section

78-Pt-190
0.000 To 9999. %

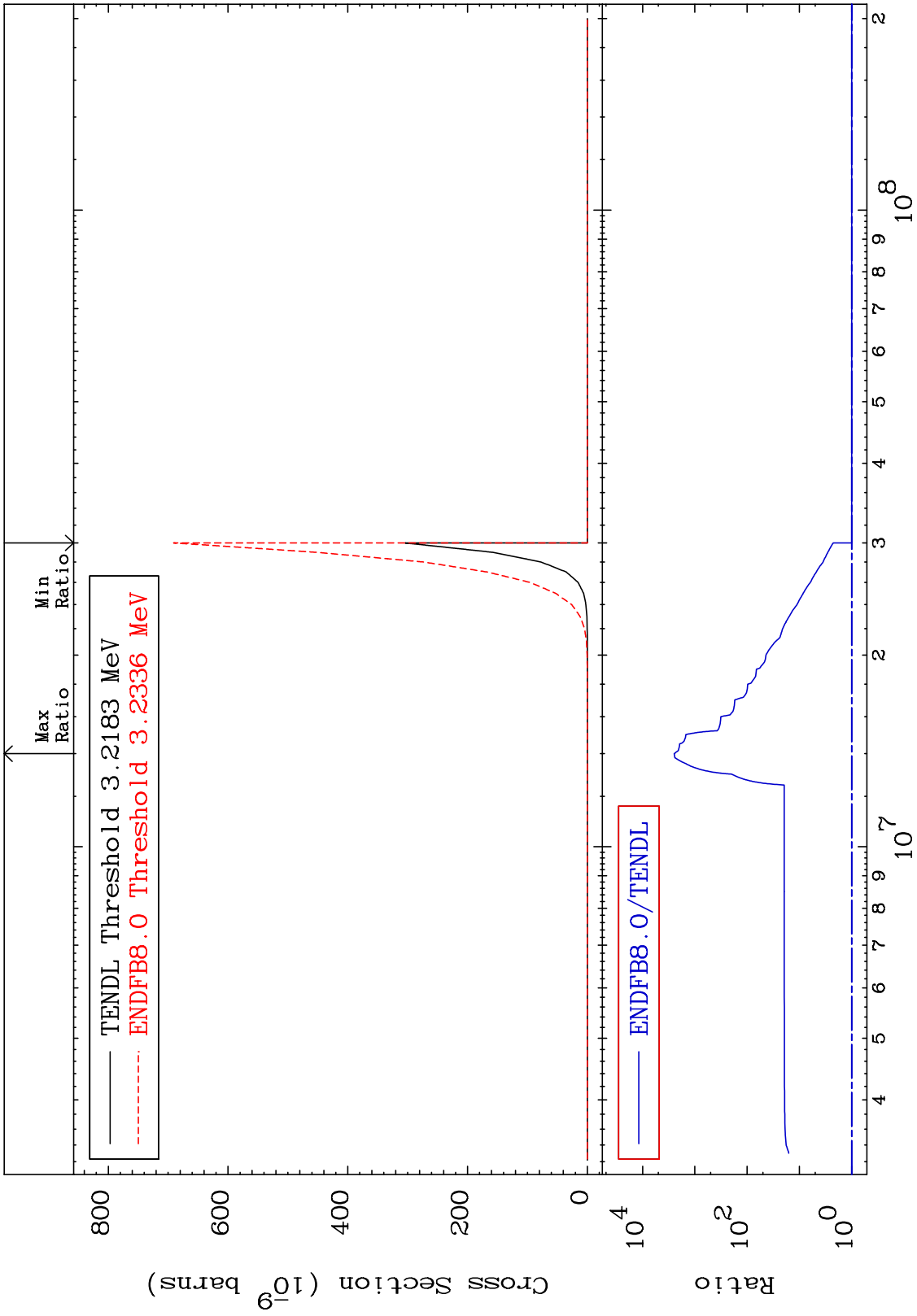




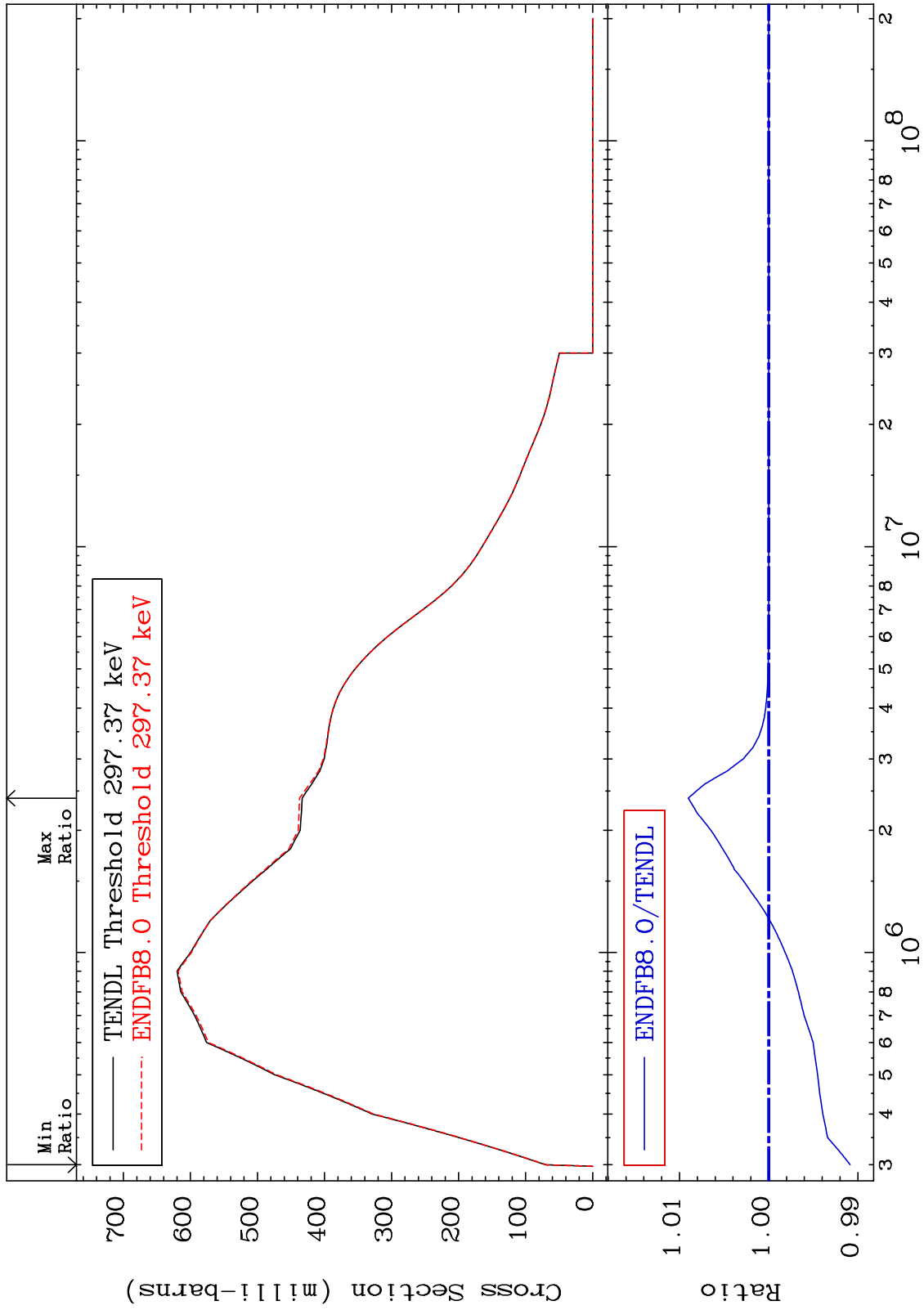
MAT 7825

(n, n') p α
Cross Section

78-Pt-190
0.000 To 9999. %



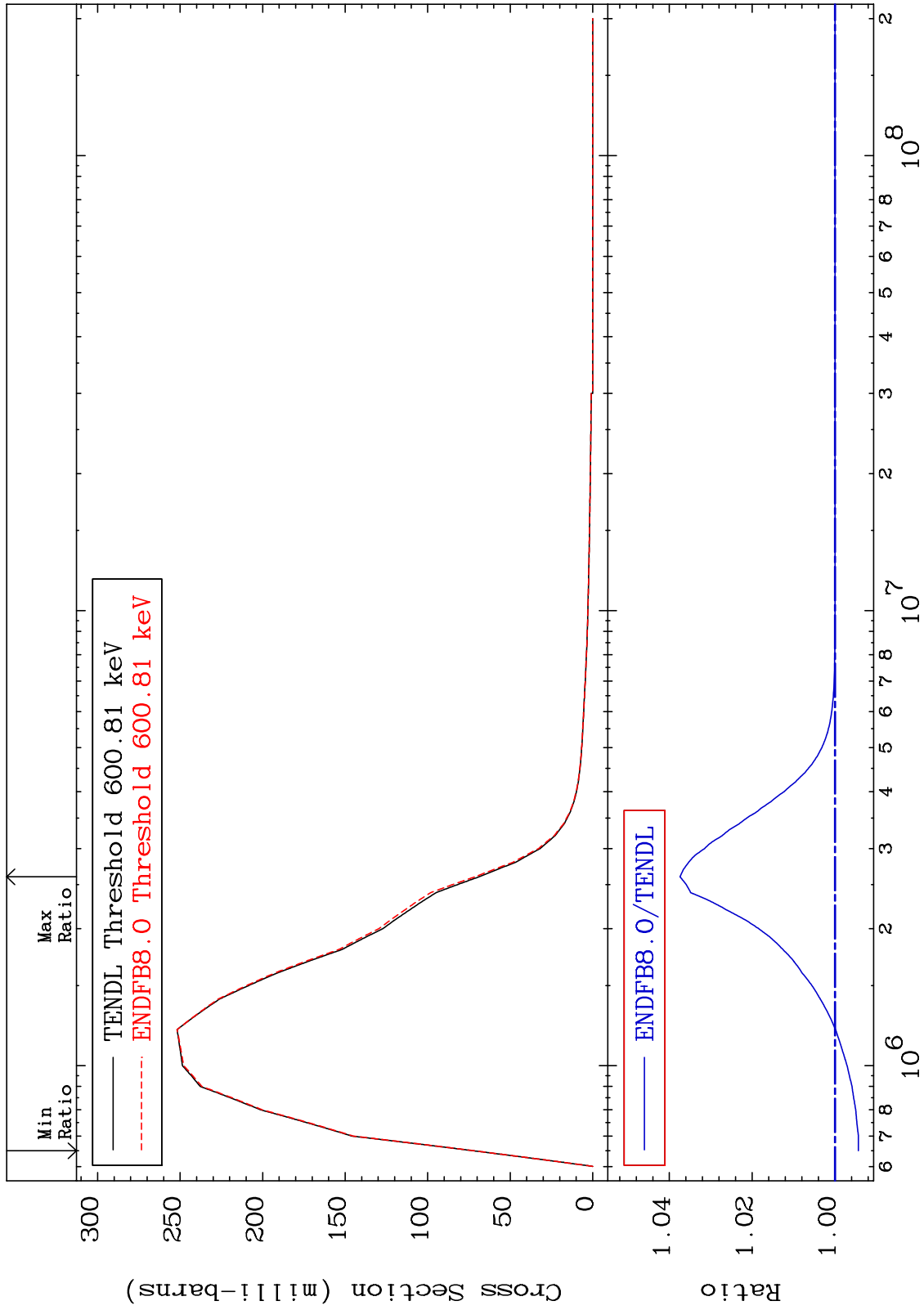
MAT 7825 MT= 51 (n,n') Level Cross Section 78-Pt-190
 -0.913 To 0.901 %



MAT 7825

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

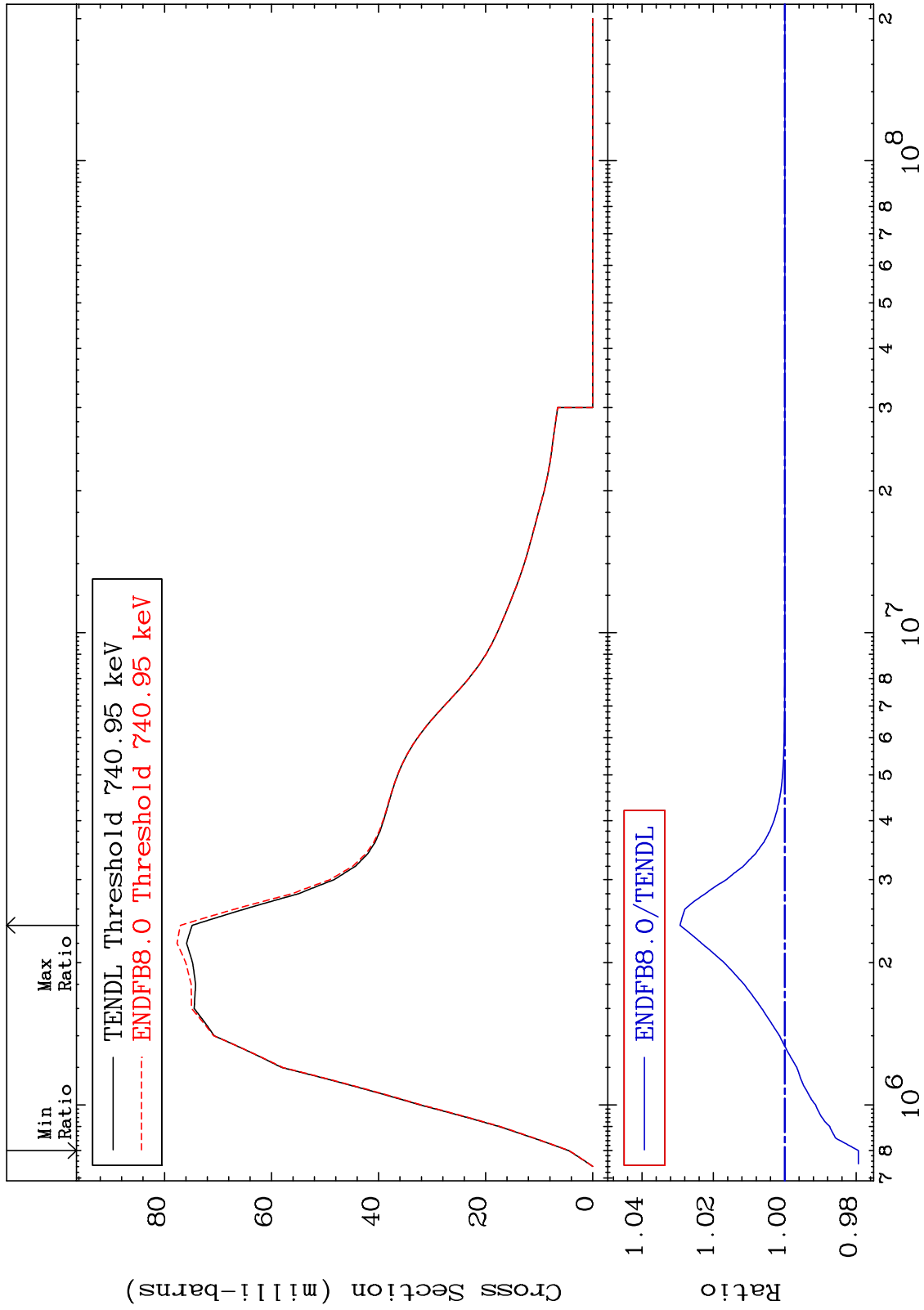
78-Pt-190
-0.566 To 3.743 %



MAT 7825

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

78-Pt-190
-2.061 To 2.934 %



22

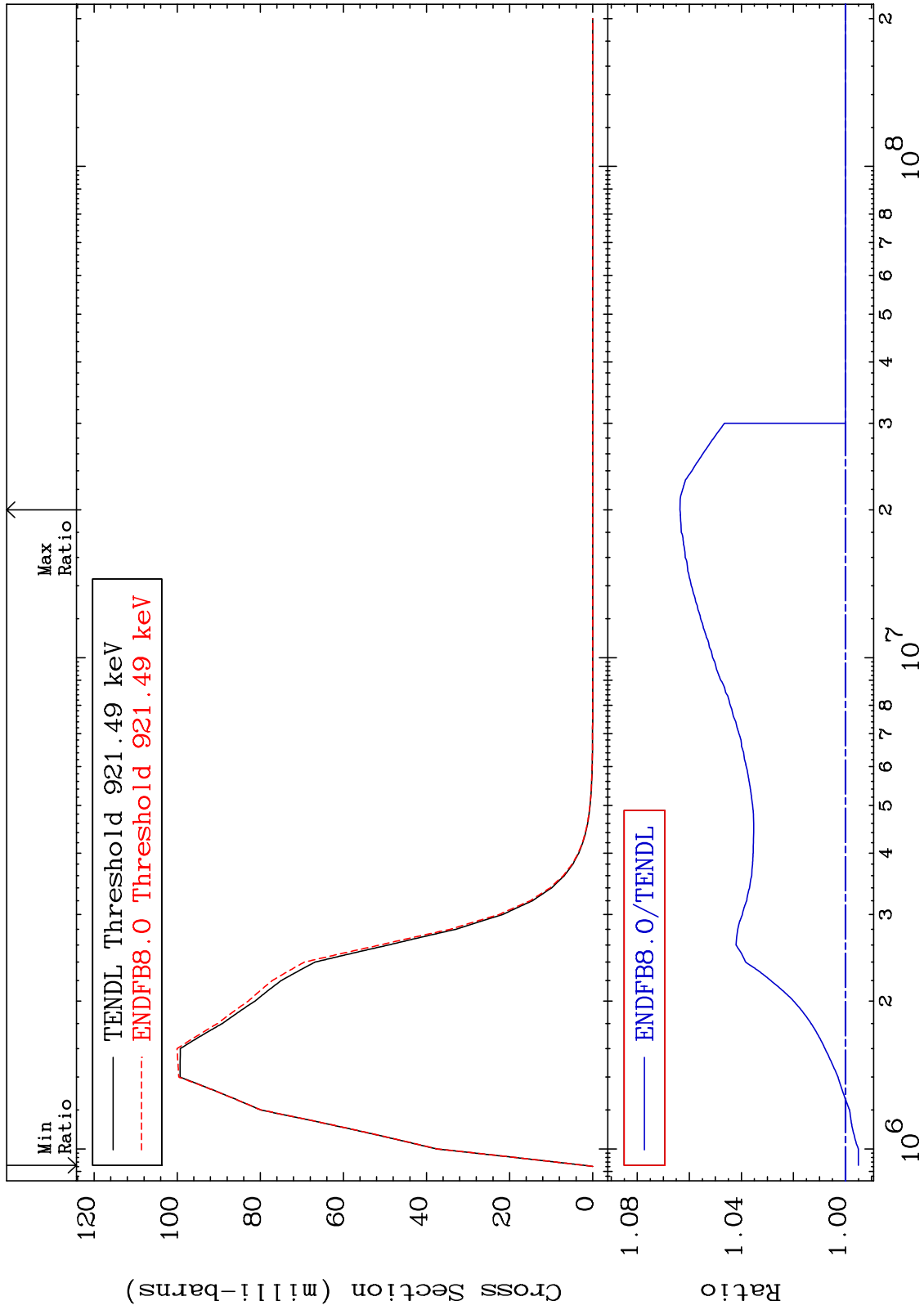
Incident Energy (eV)

78-Pt-190

MAT 7825

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

78-Pt-190
-0.497 To 6.358 %

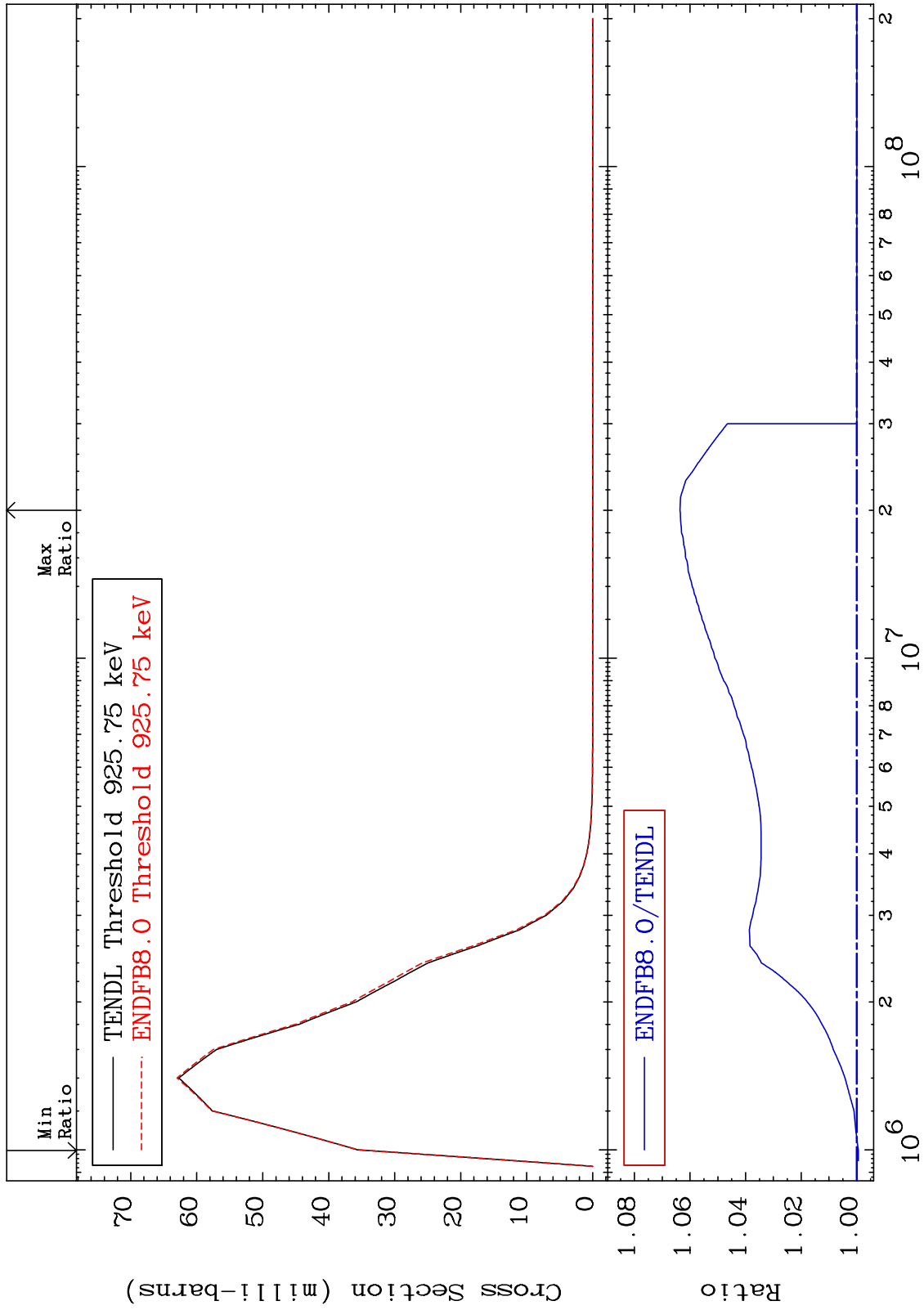


Incident Energy (eV)

78-Pt-190

23

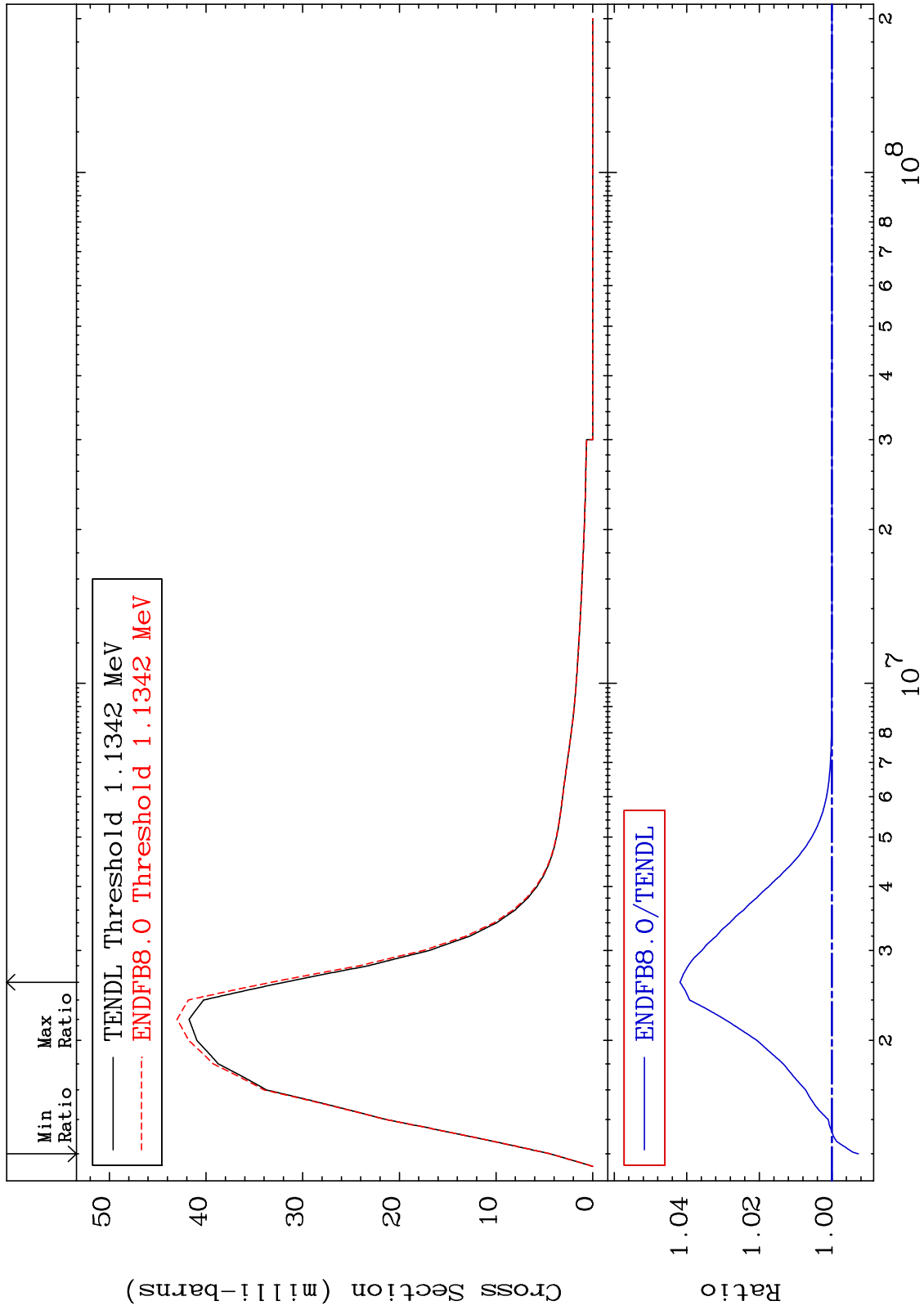
MAT 7825 MT= 55 (n,n') Level Cross Section 78-Pt-190
 -0.059 To 6.360 %

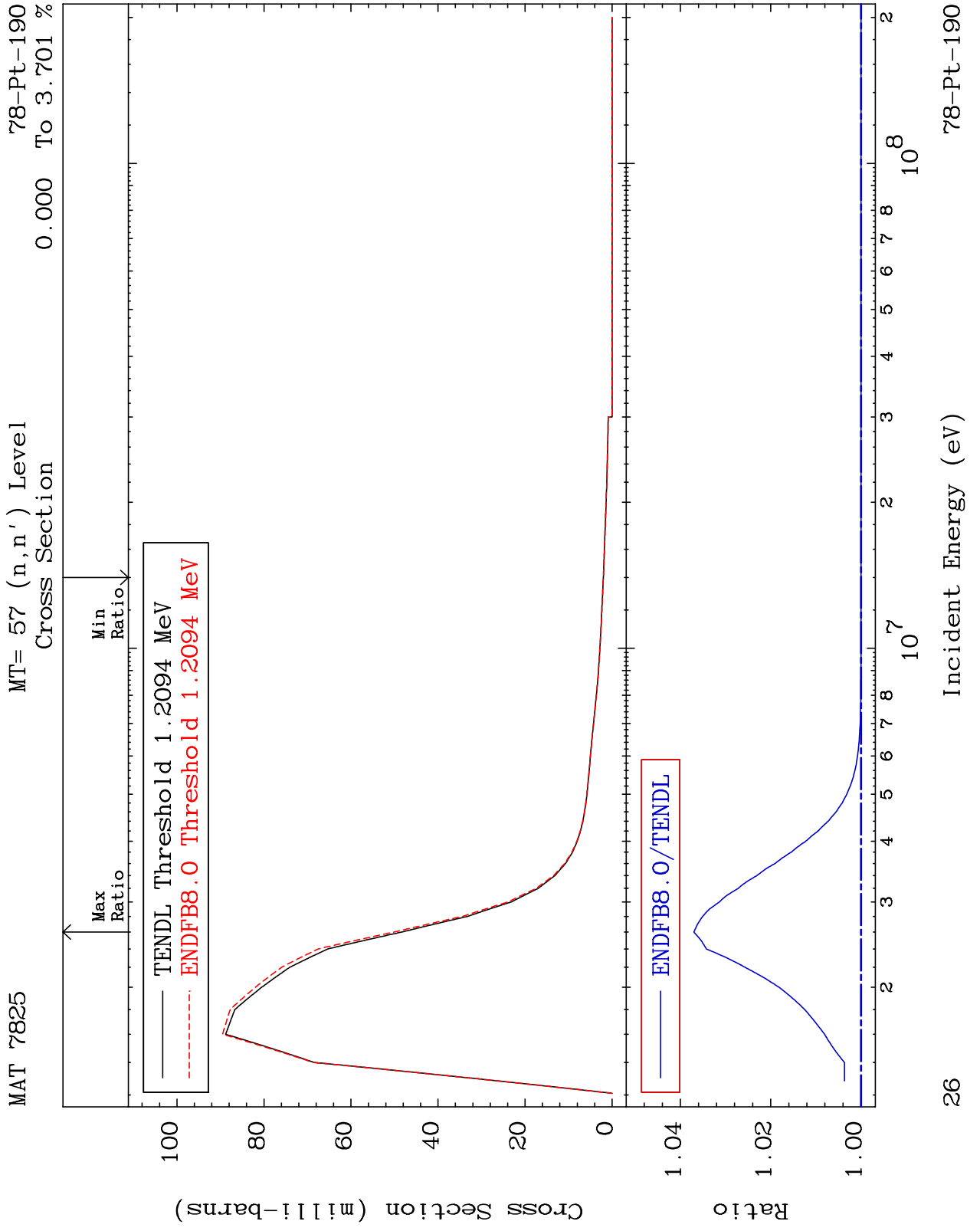


MAT 7825

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

78-Pt-190
-0.731 To 4.187 %

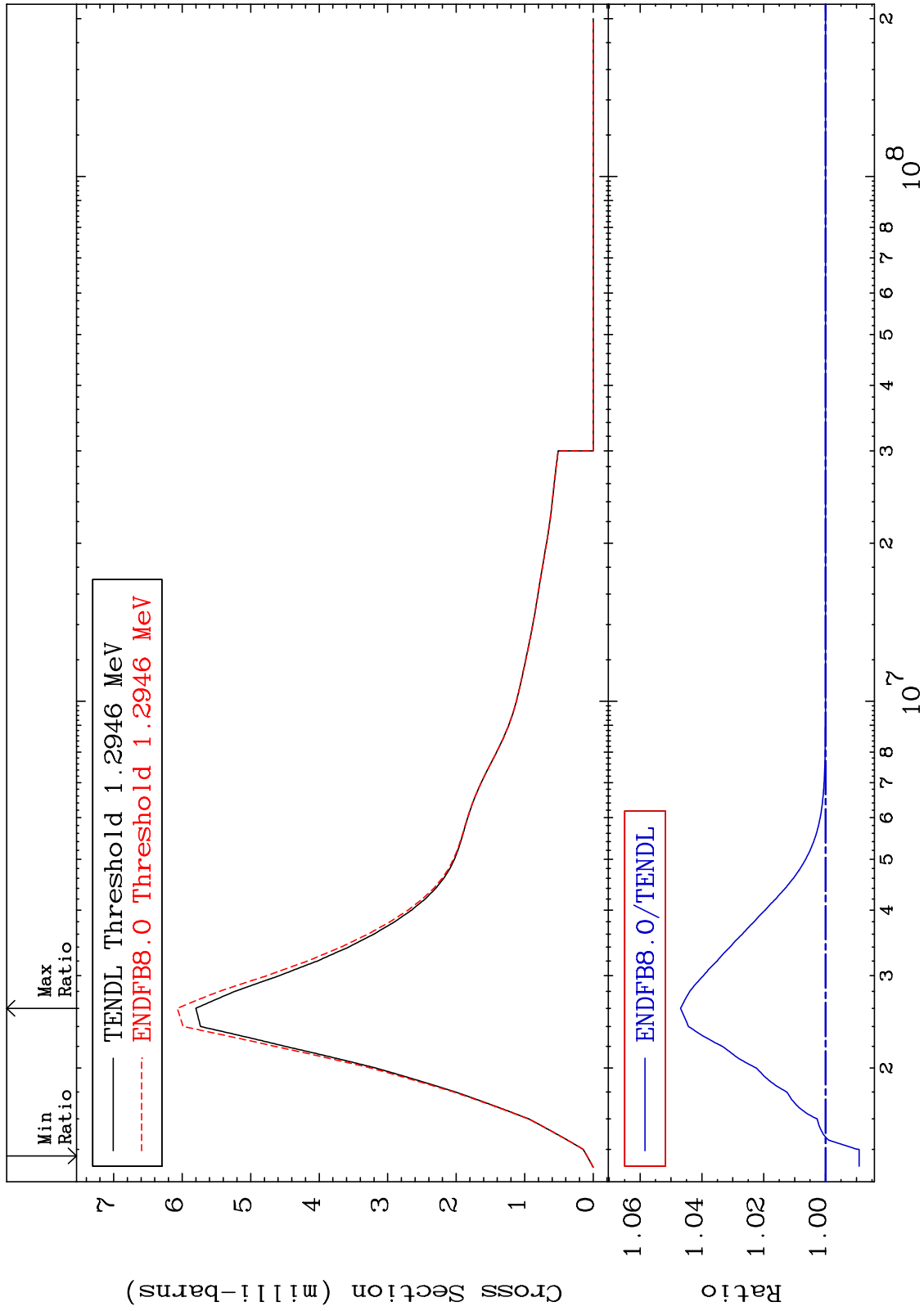


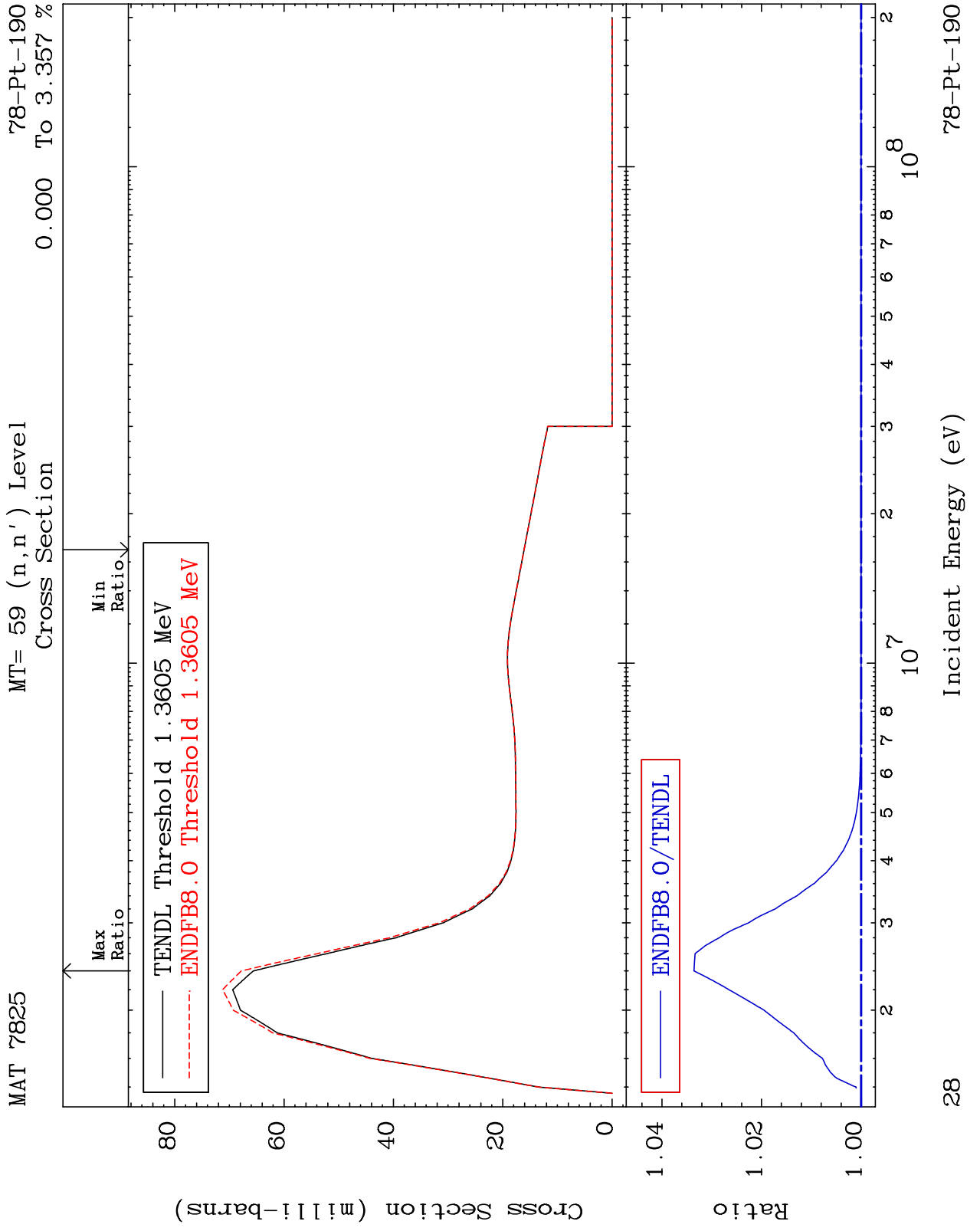


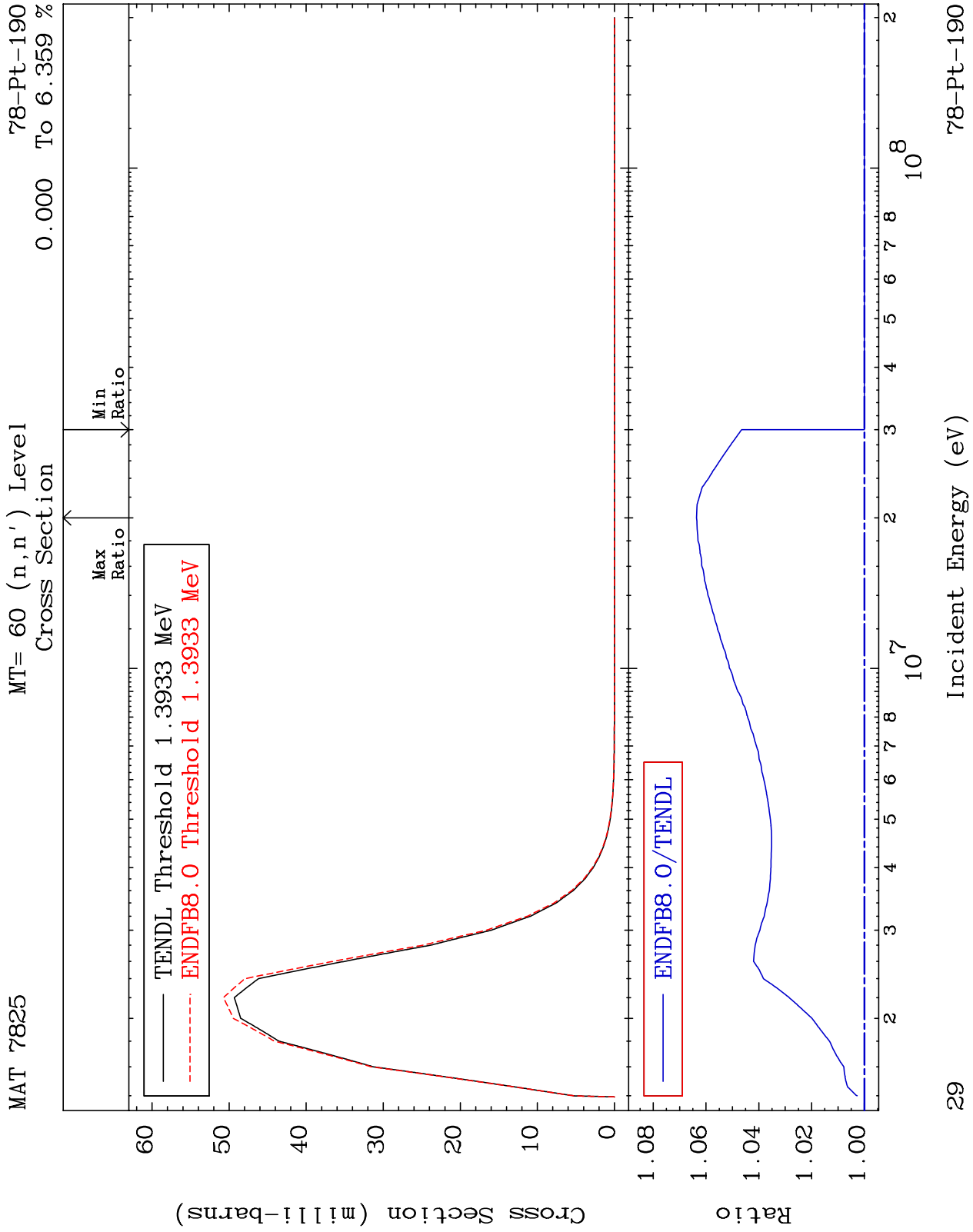
MAT 7825

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

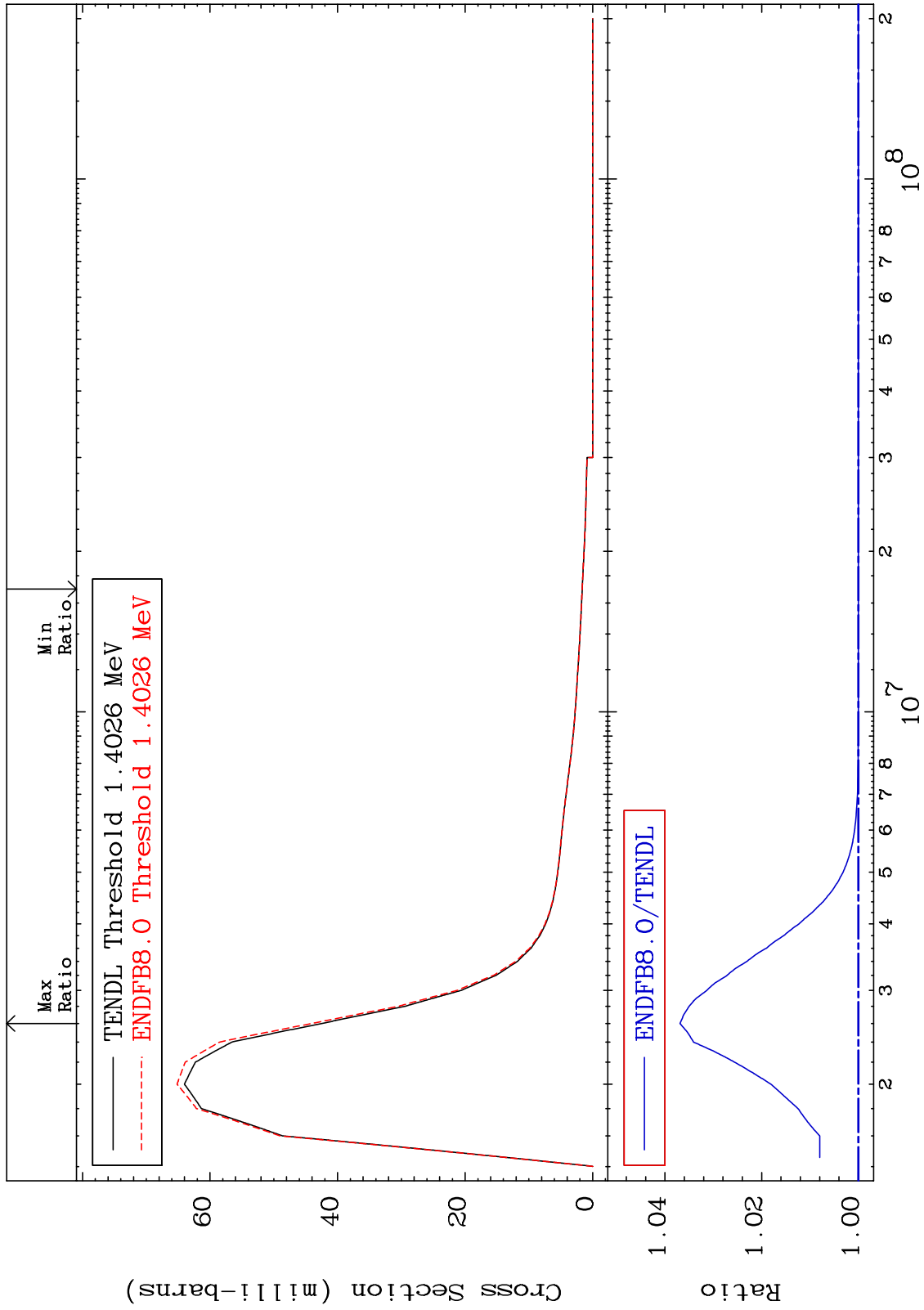
78-Pt-190
-1.087 To 4.688 %



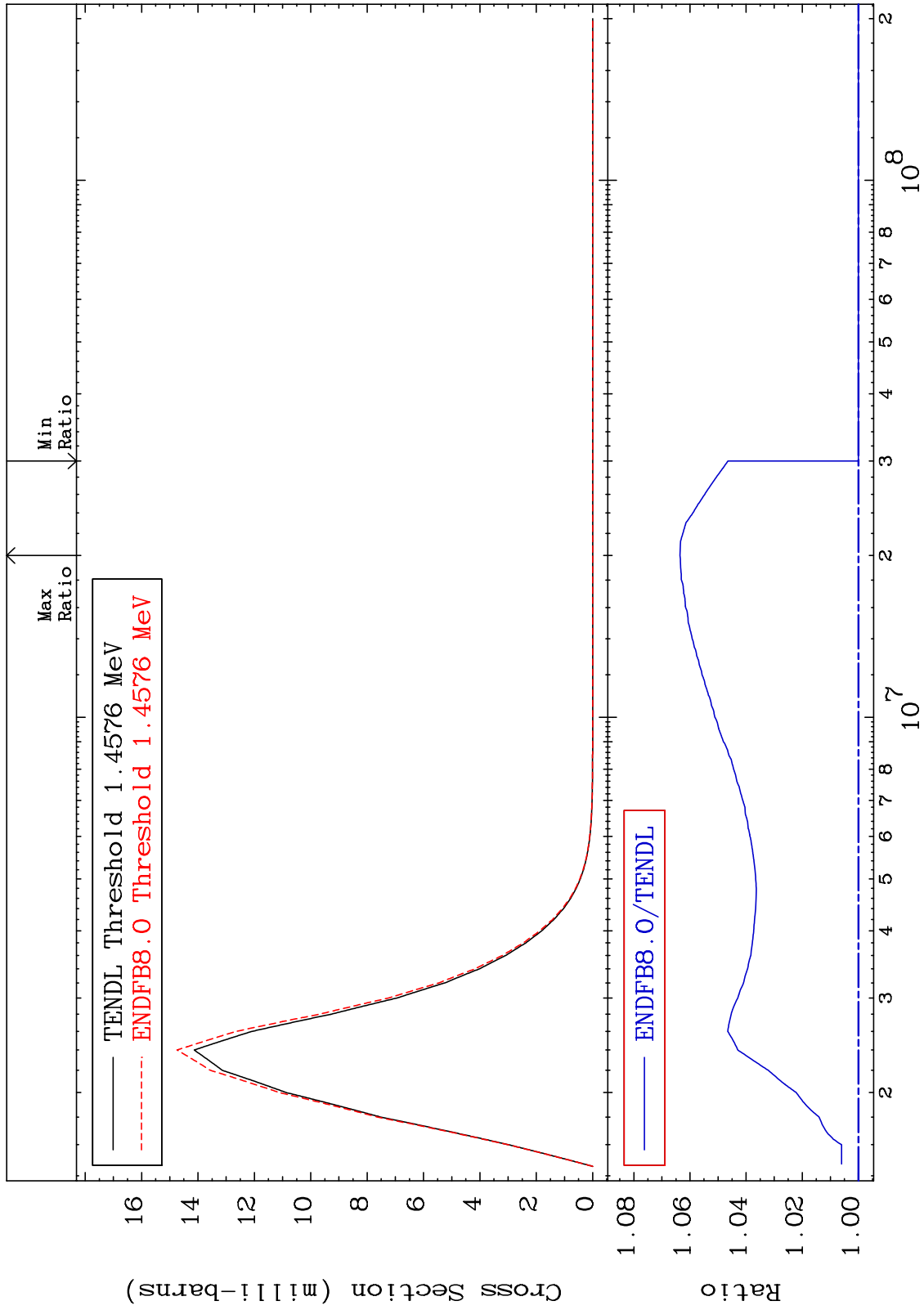


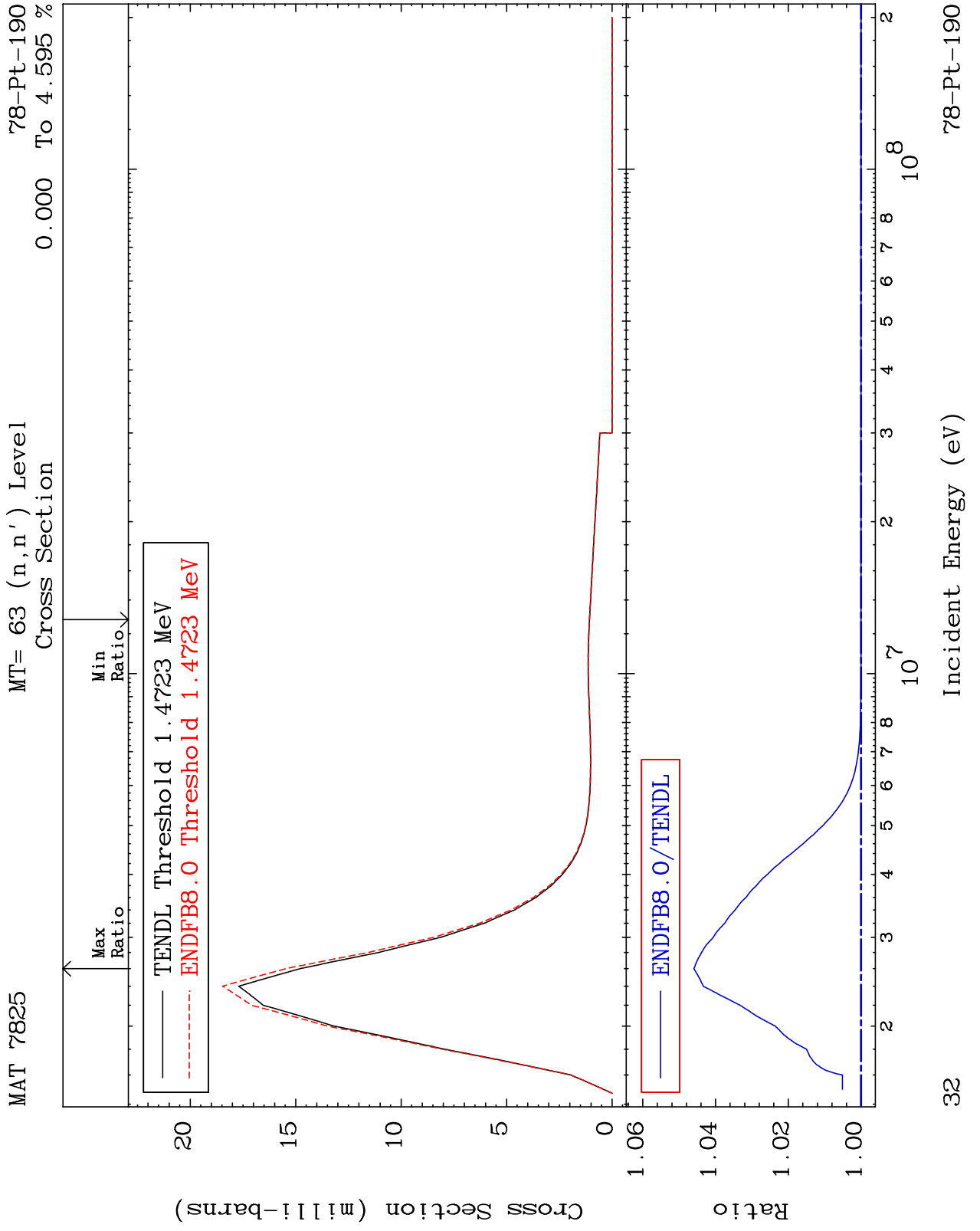


MAT 7825 MT= 61 (n,n') Level Cross Section 78-Pt-190 To 3.689 %
 0.000



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

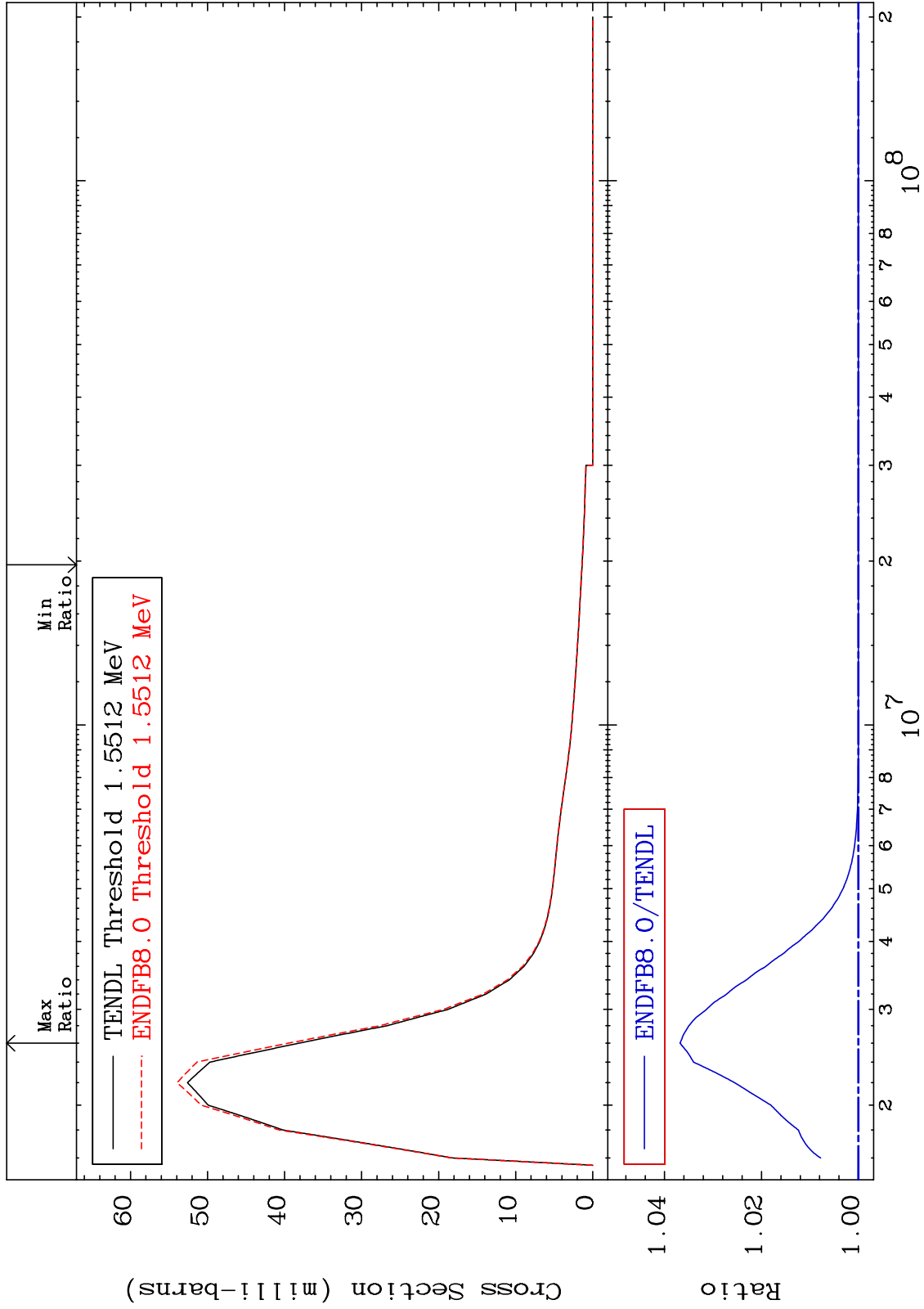


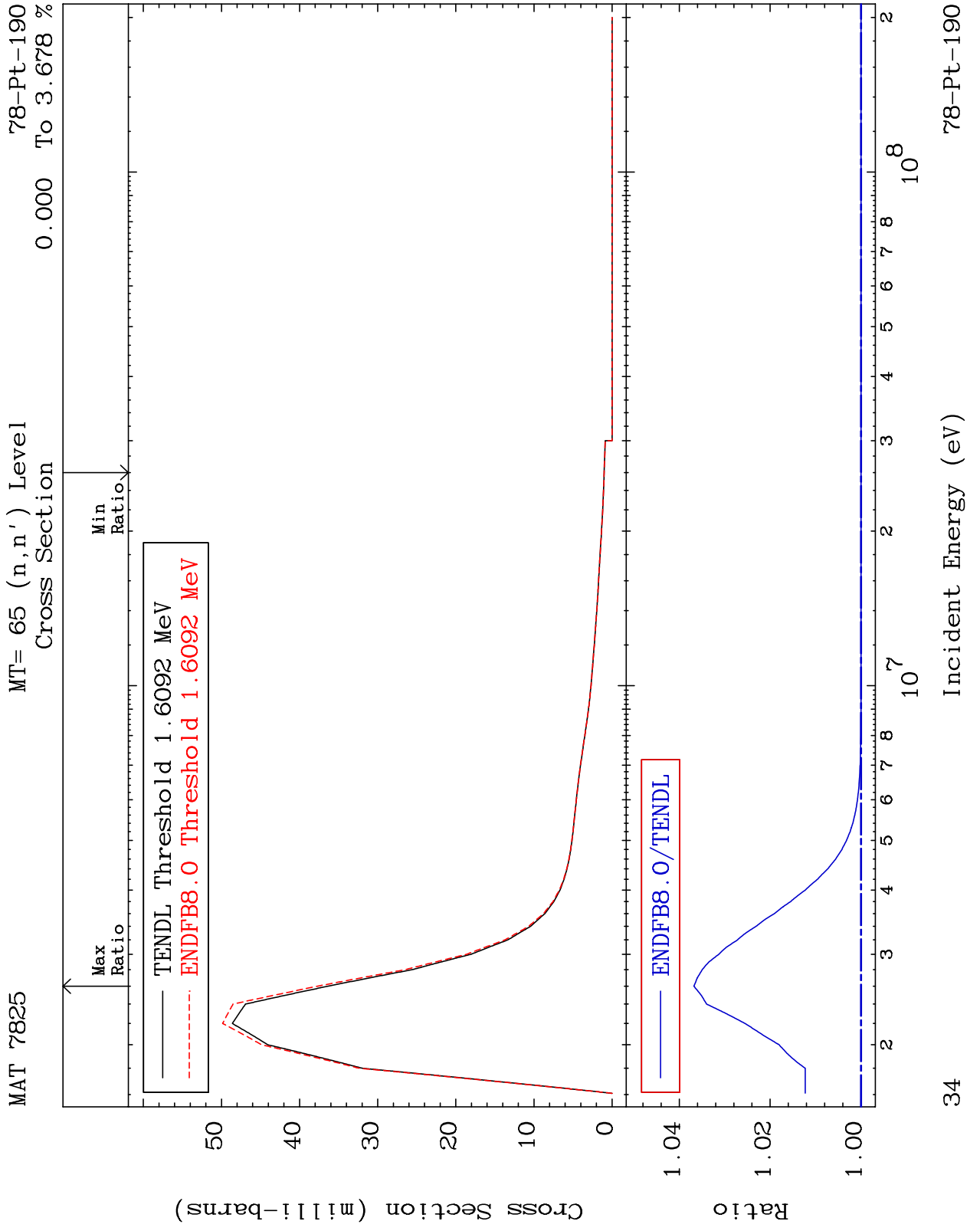


MAT 7825

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

78-Pt-190
0.000 To 3.681 %

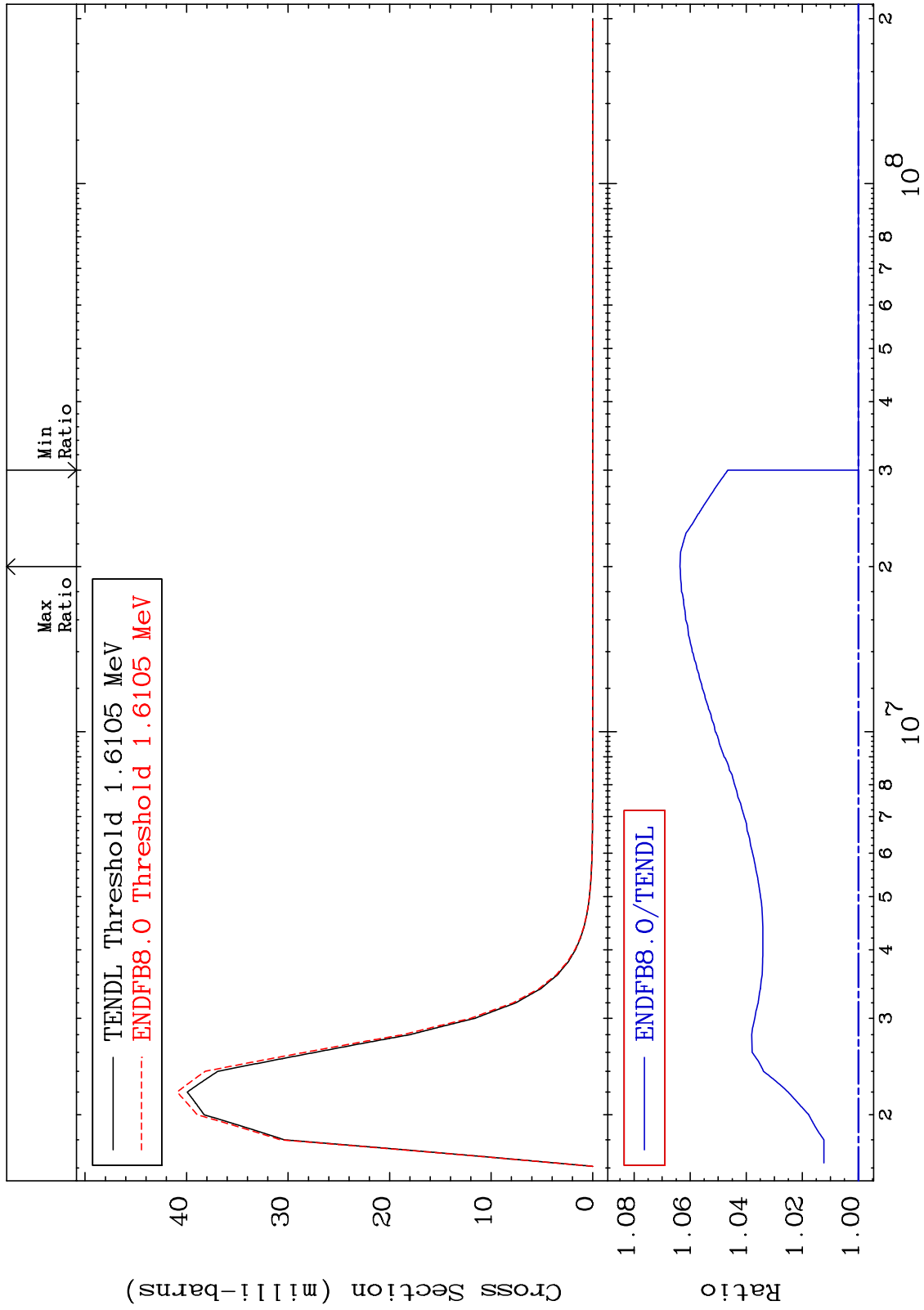




MAT 7825

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

78-Pt-190
0.000 To 6.362 %

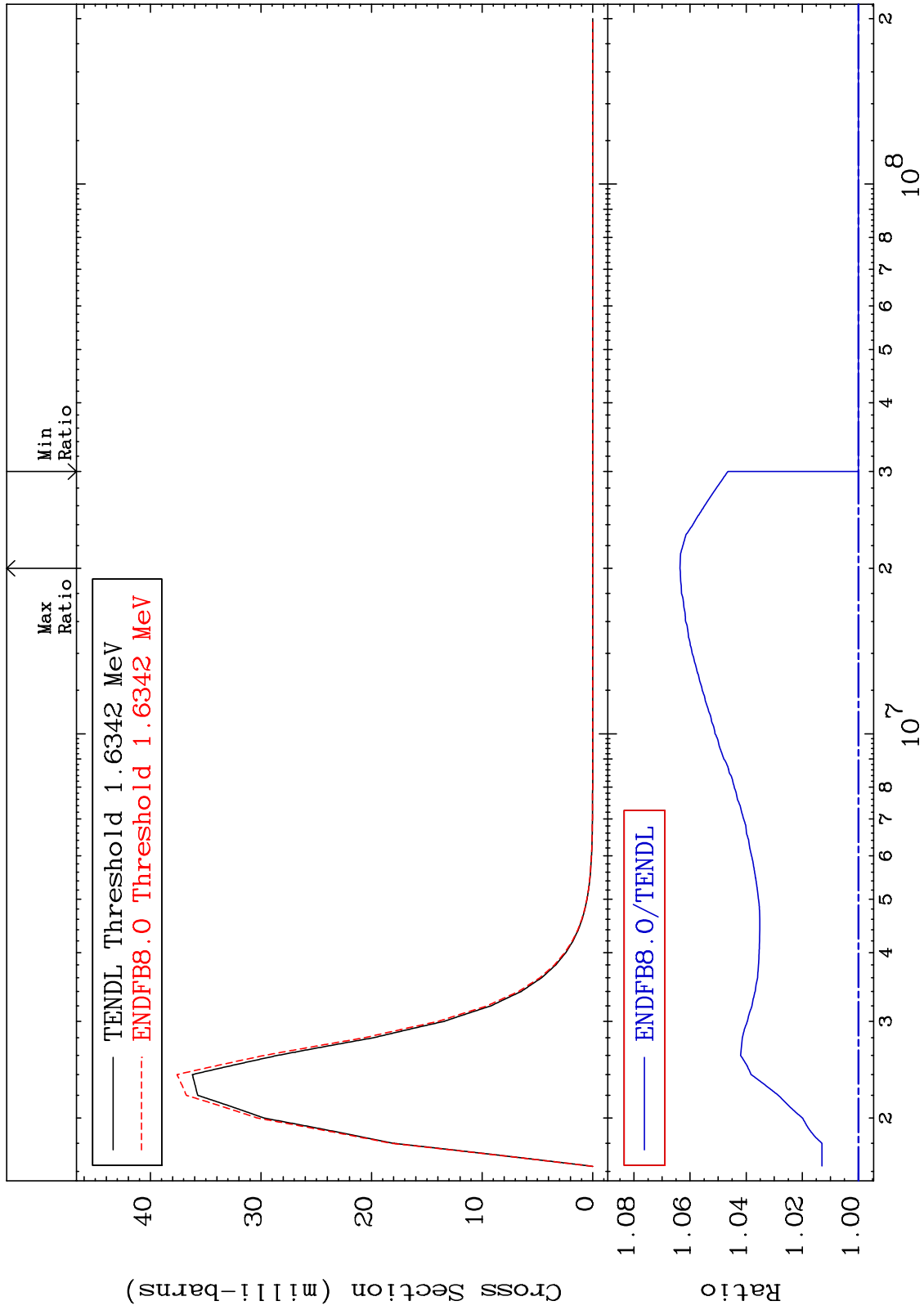


35

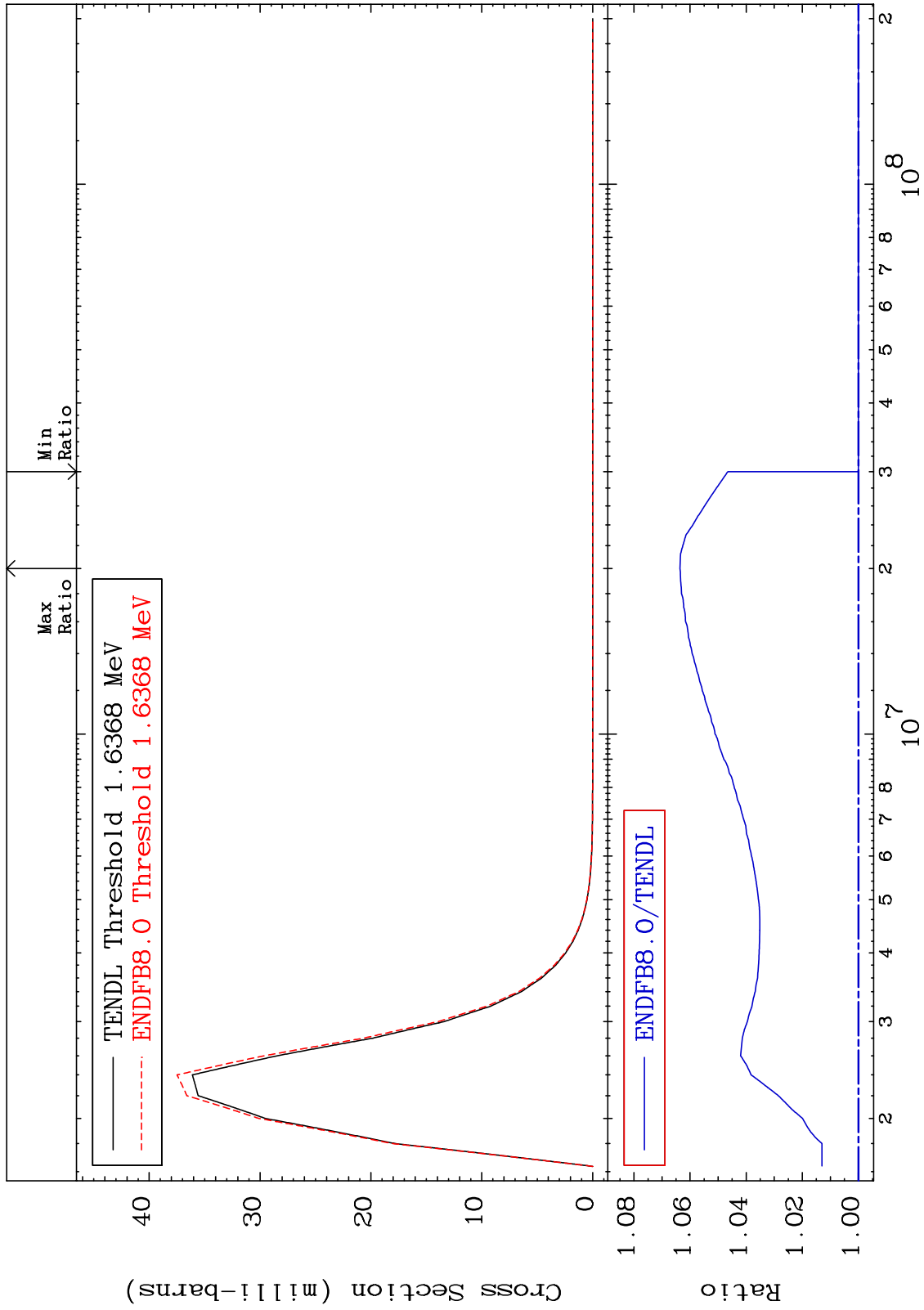
Incident Energy (eV)

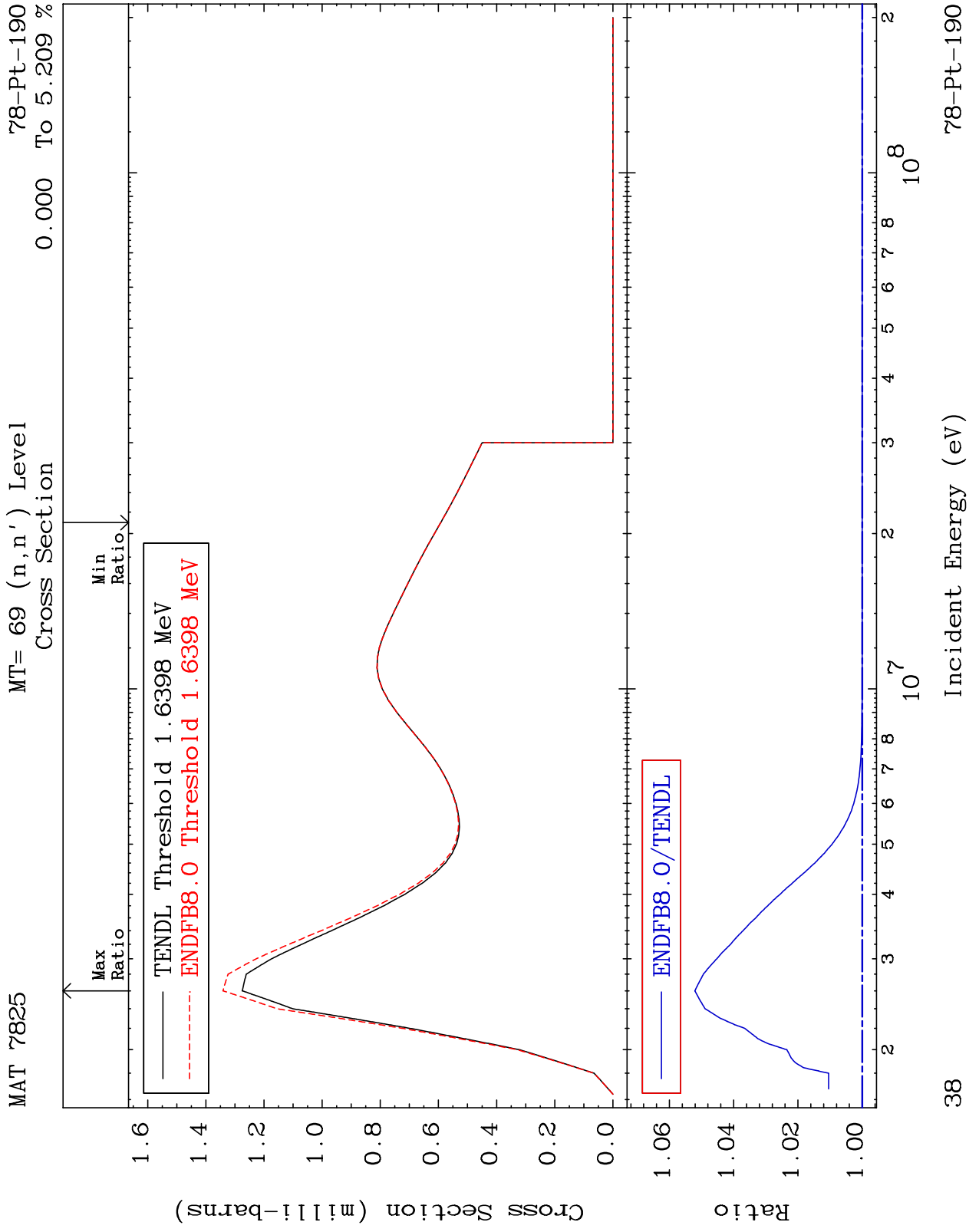
78-Pt-190

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

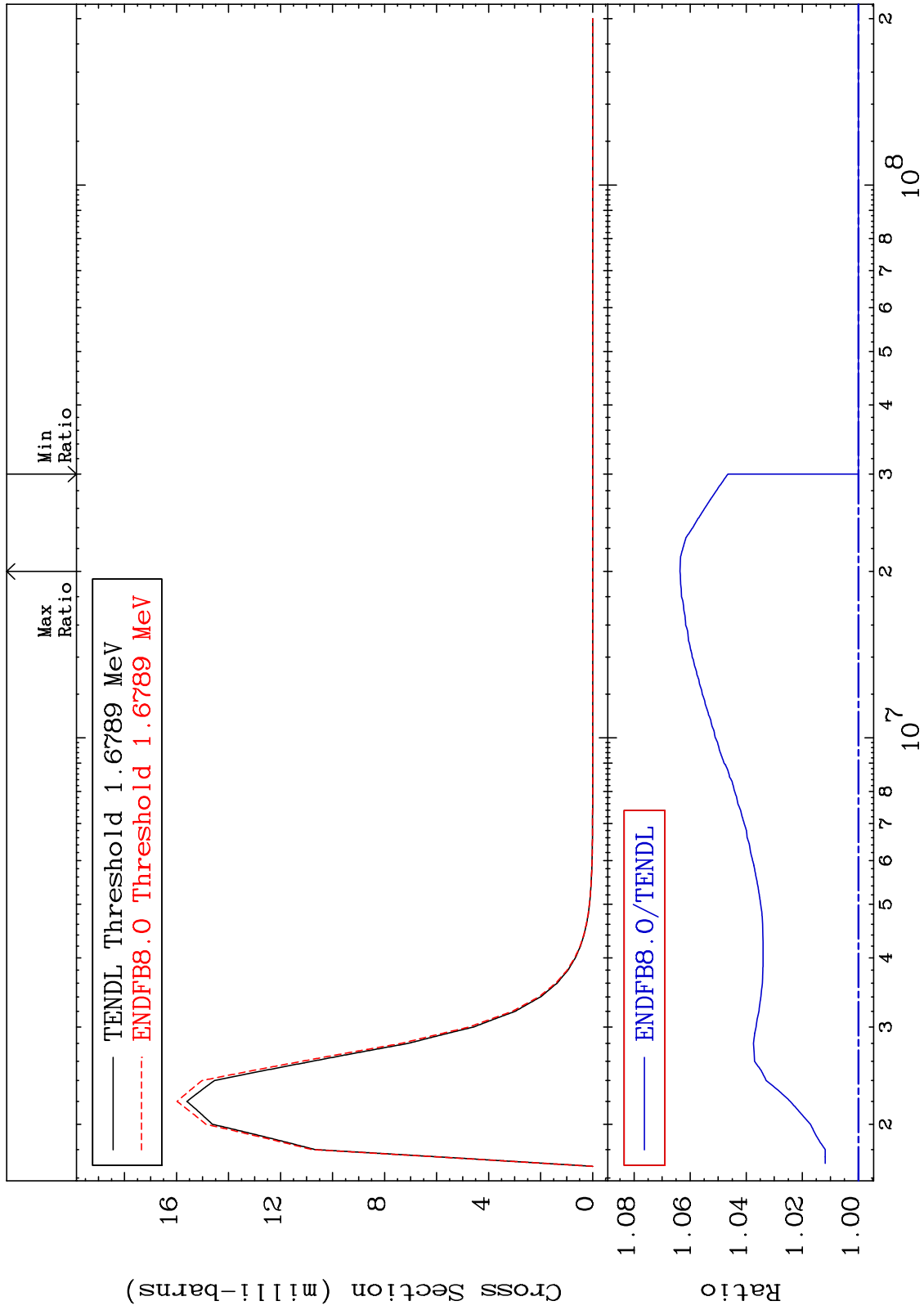


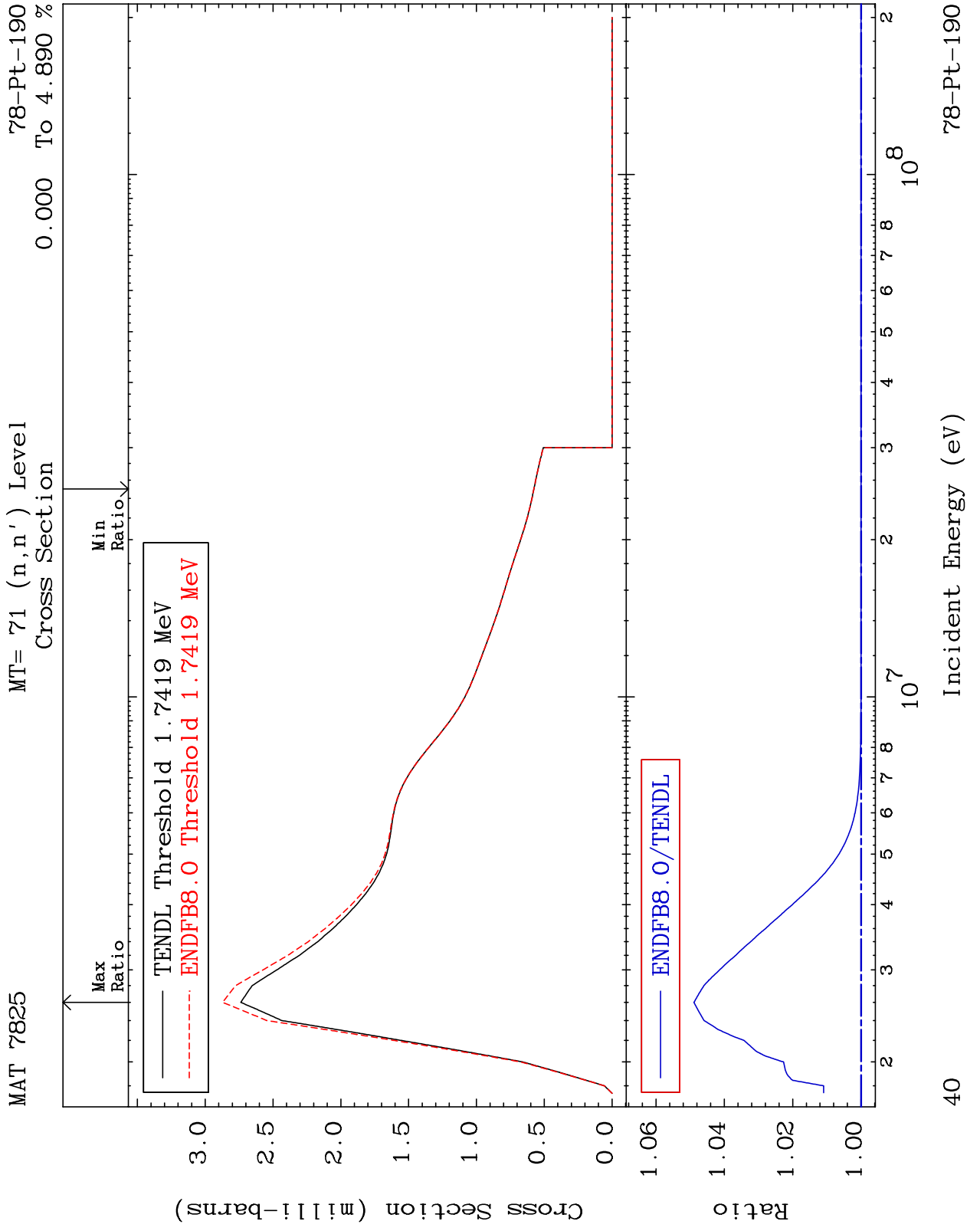
MAT 7825 MT= 68 (n,n') Level Cross Section 78-Pt-190 To 6.359 %

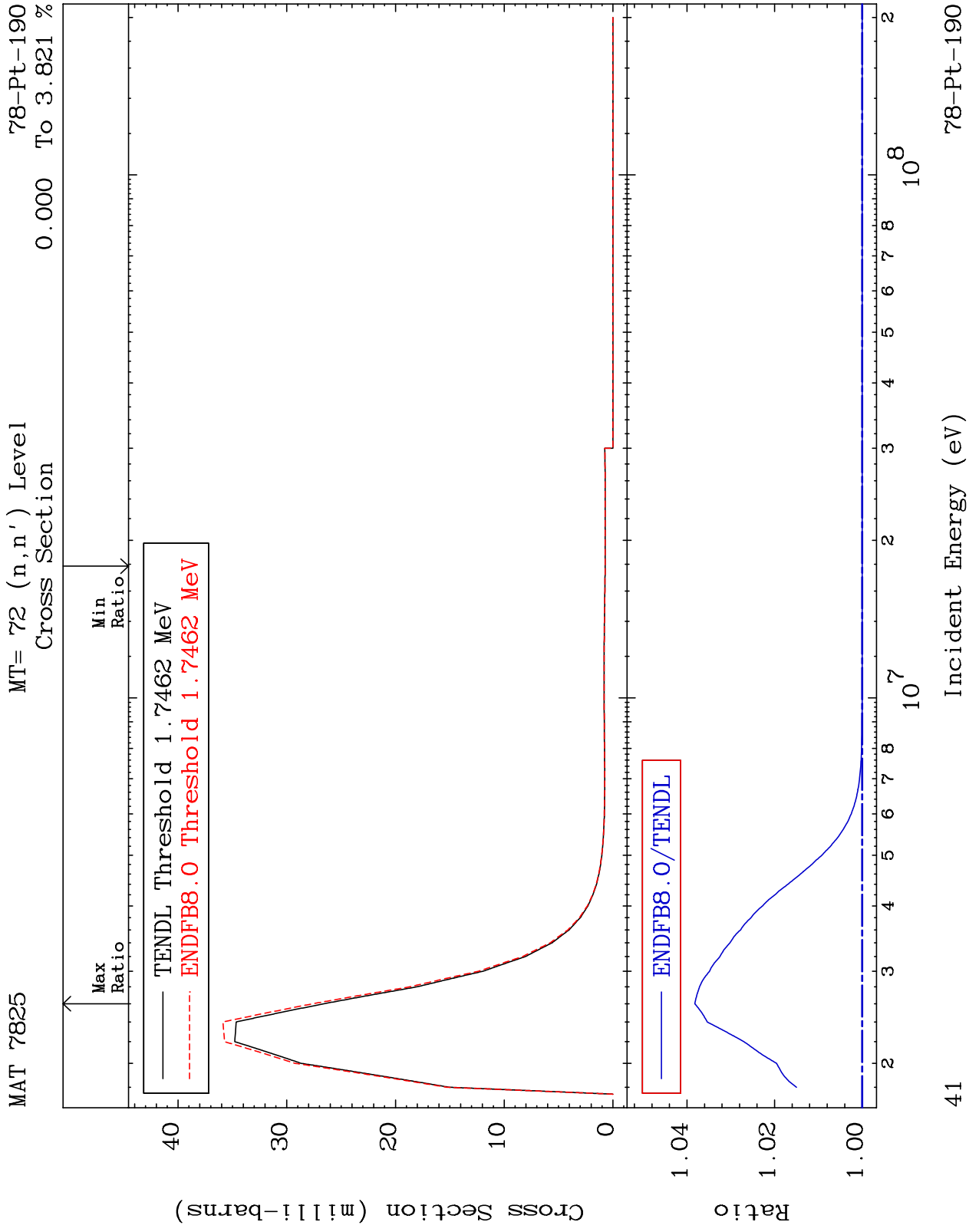




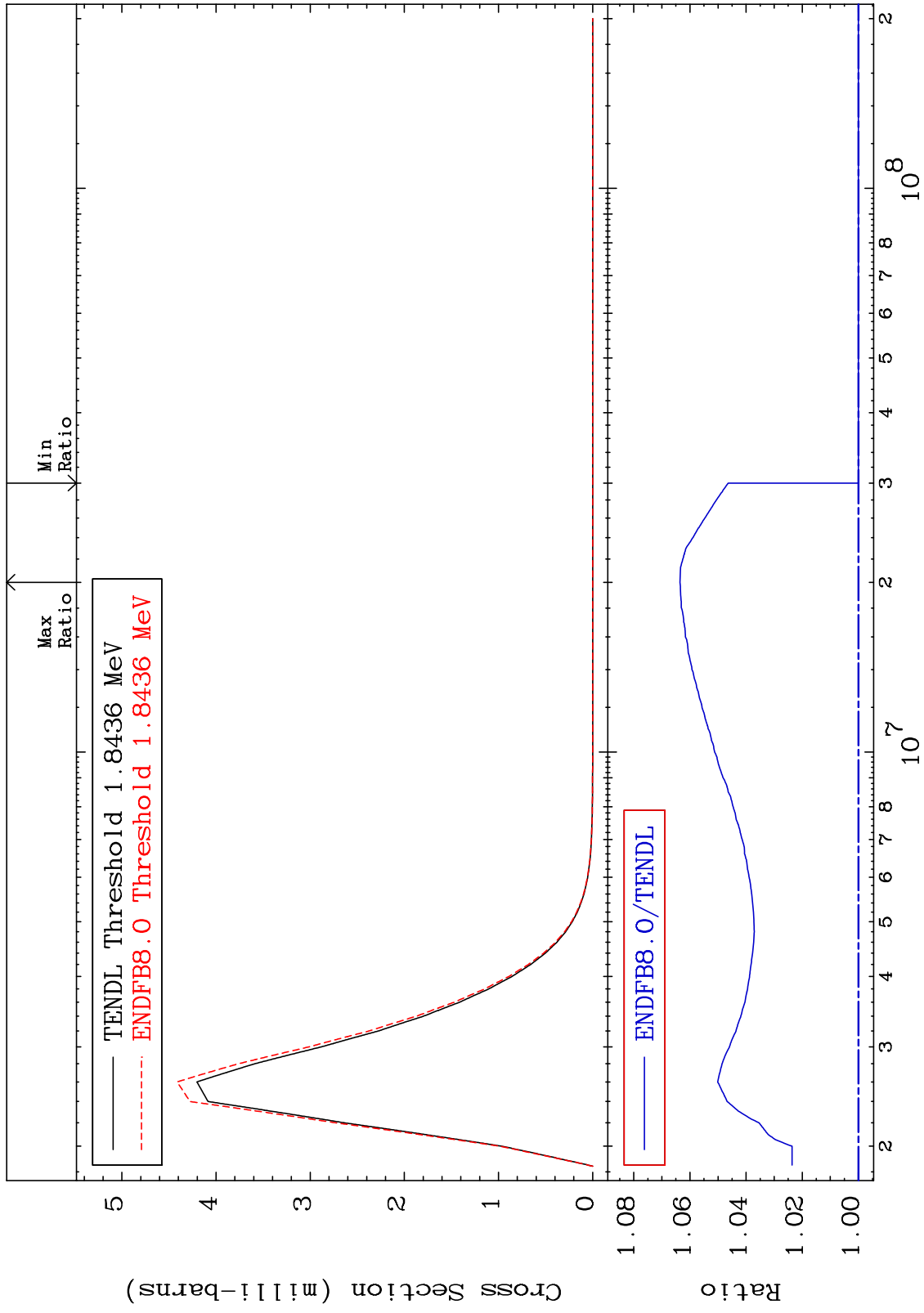
MAT 7825 MT= 70 (n,n') Level Cross Section 78-Pt-190
 0.000 To 6.361 %







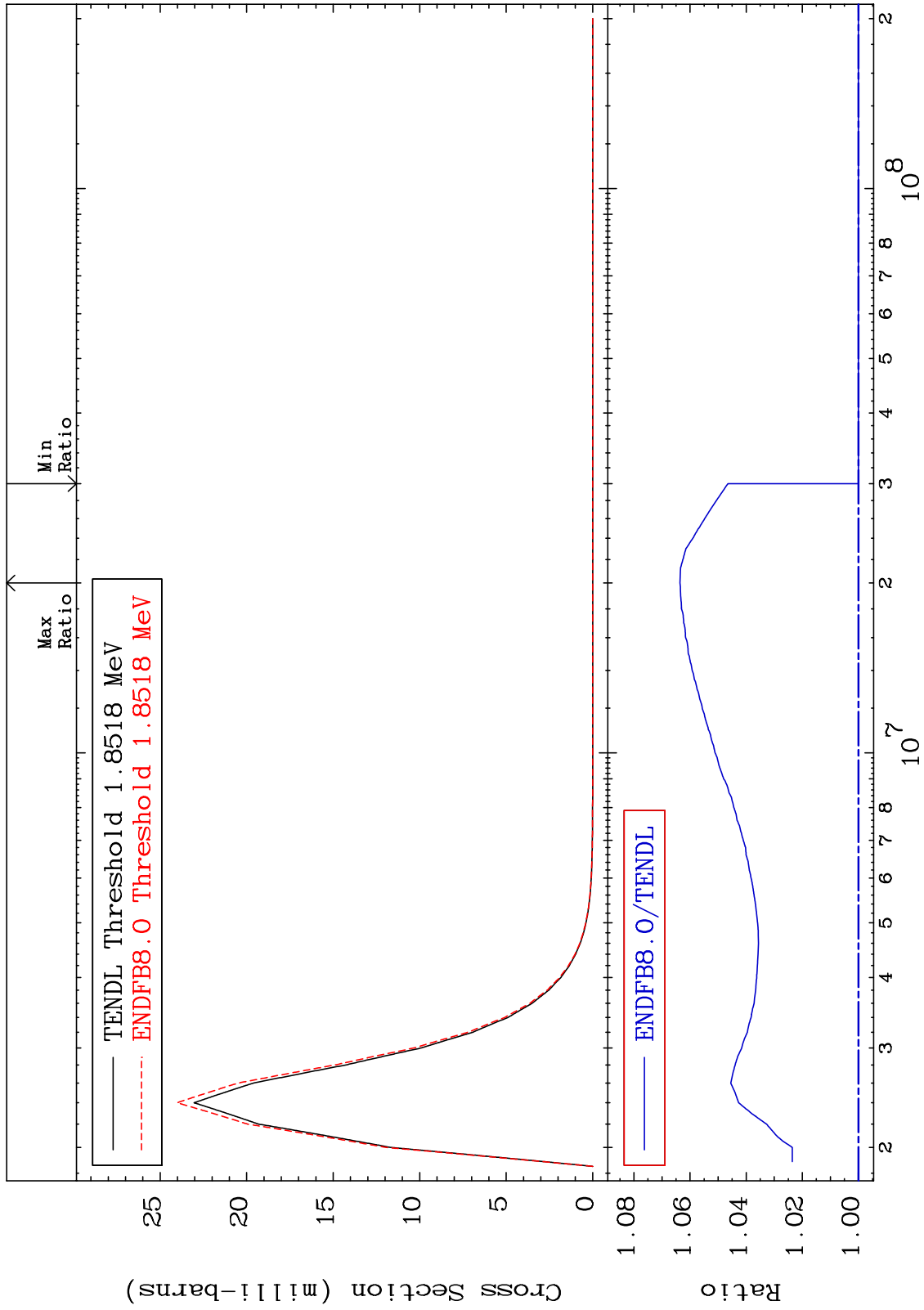
MAT 7825 MT= 73 (n,n') Level Cross Section 78-Pt-190 To 6.353 %
 0.000

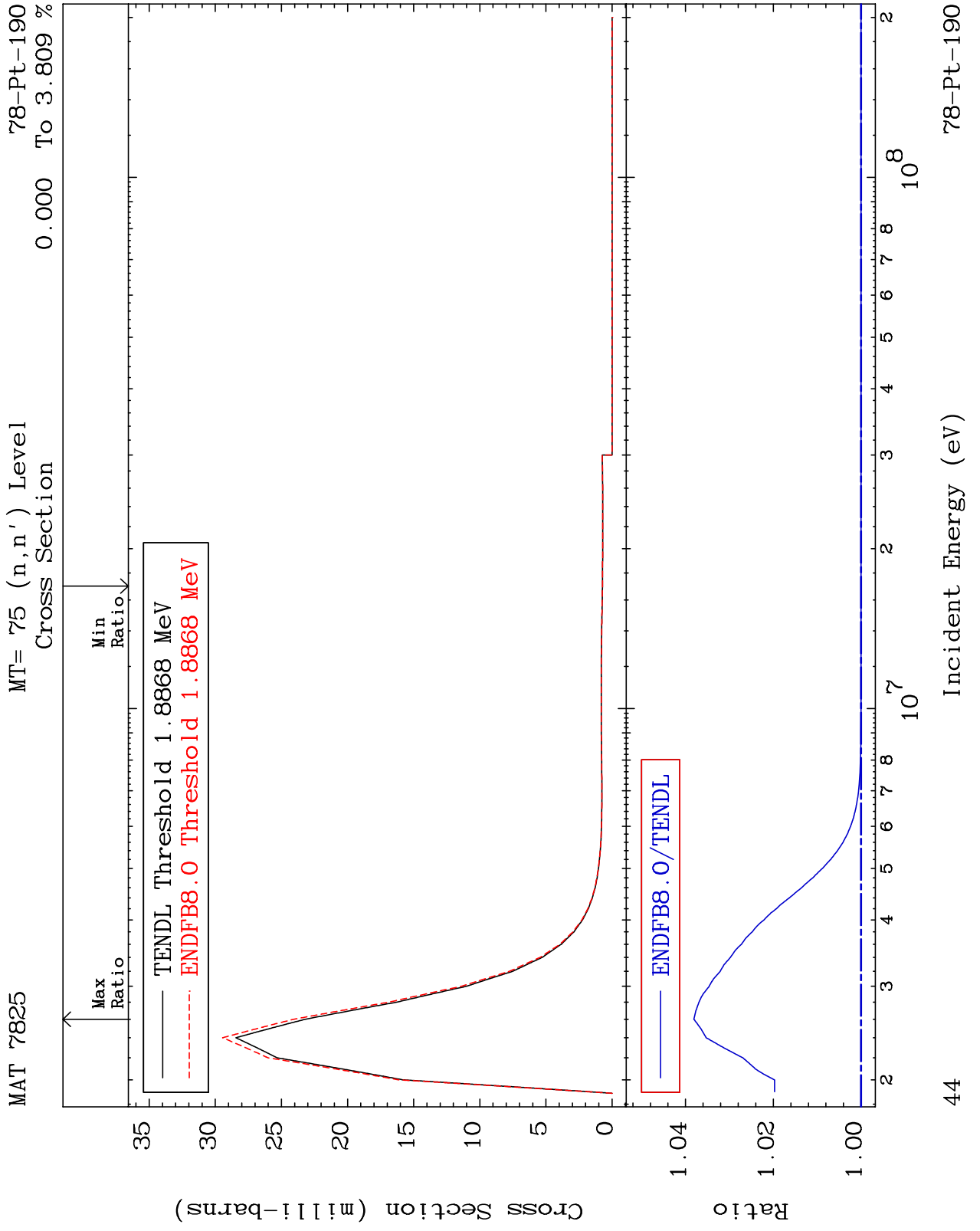


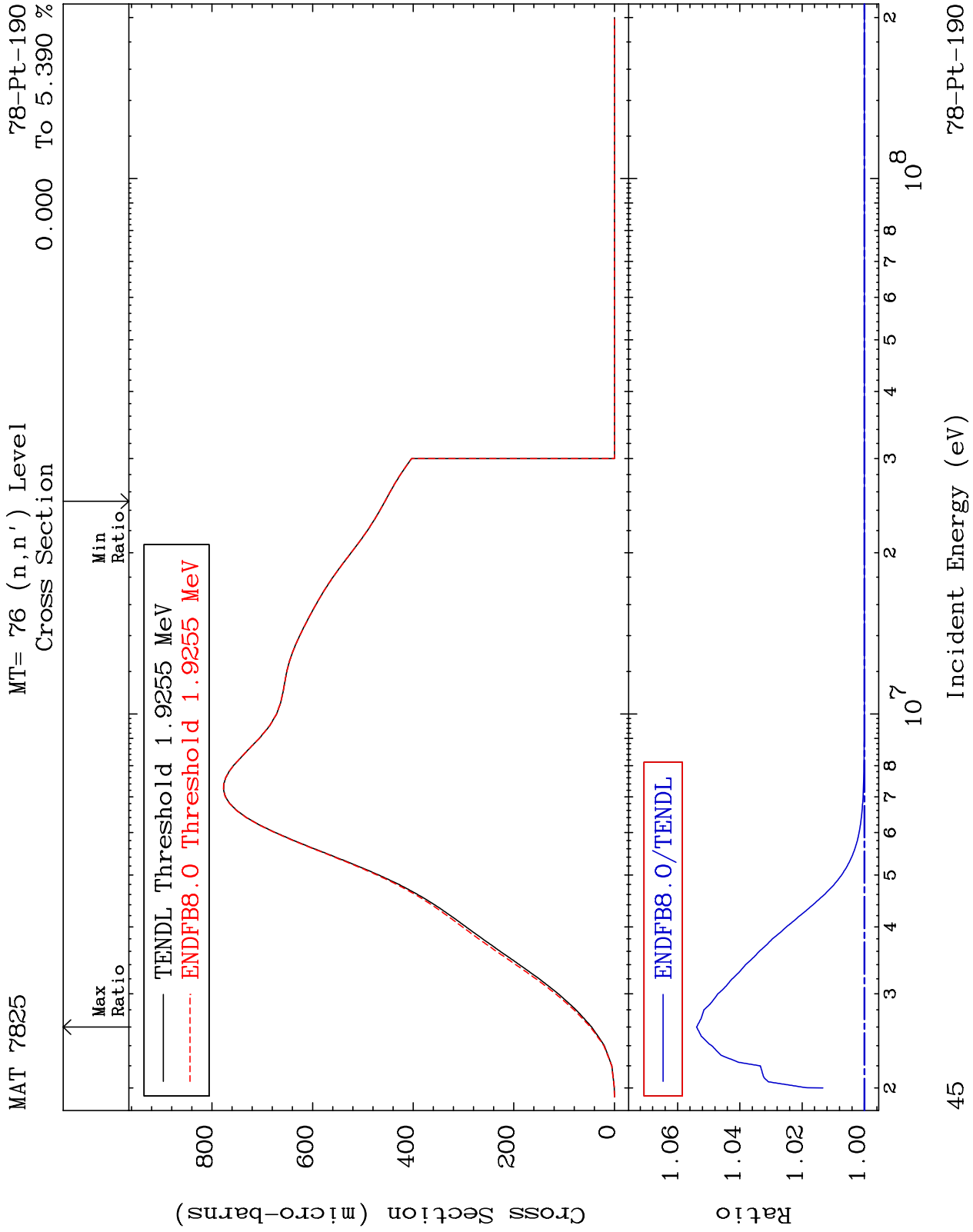
MAT 7825

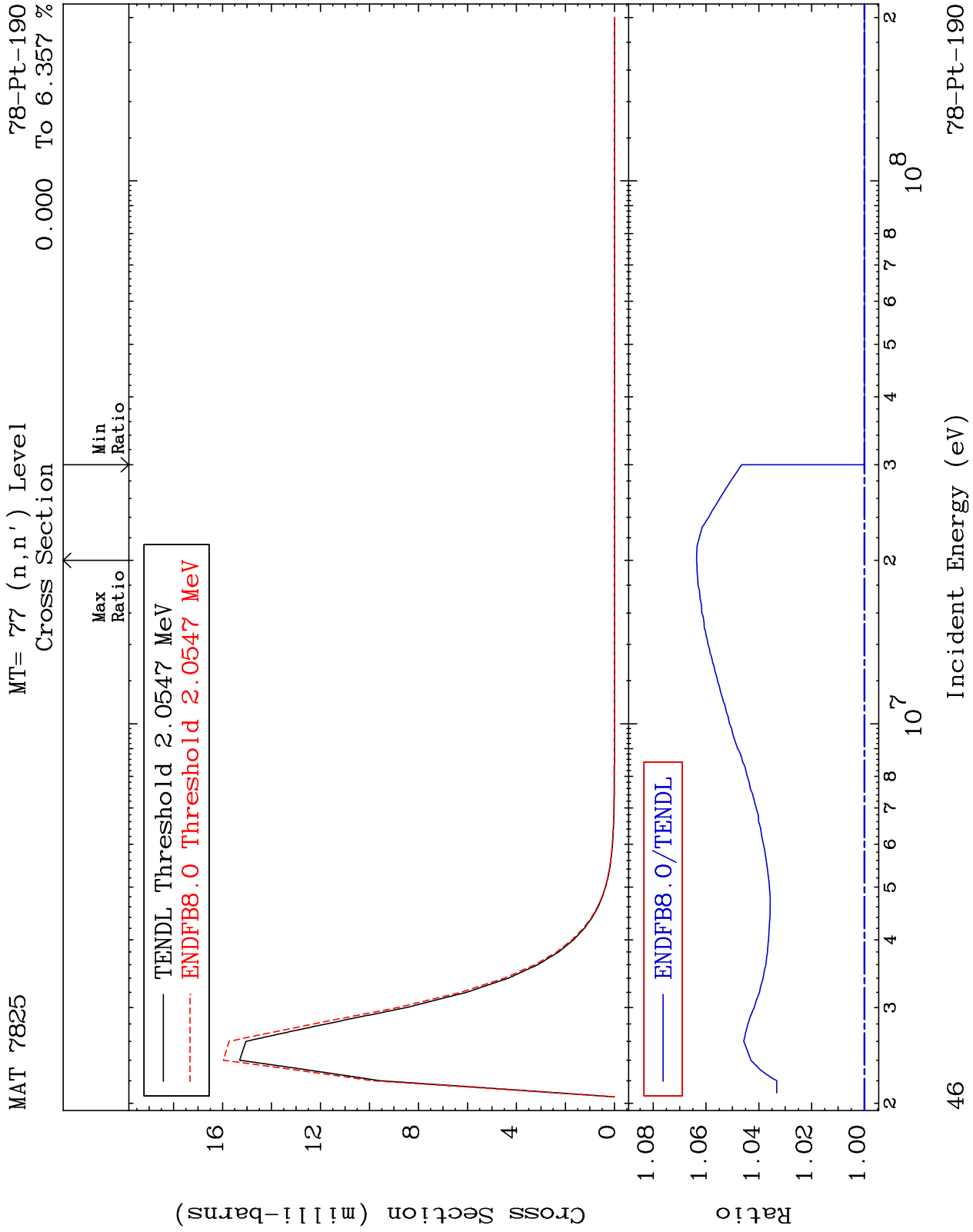
MT= 74 (n,n') Level
Cross Section

78-Pt-190
0.000 To 6.357 %





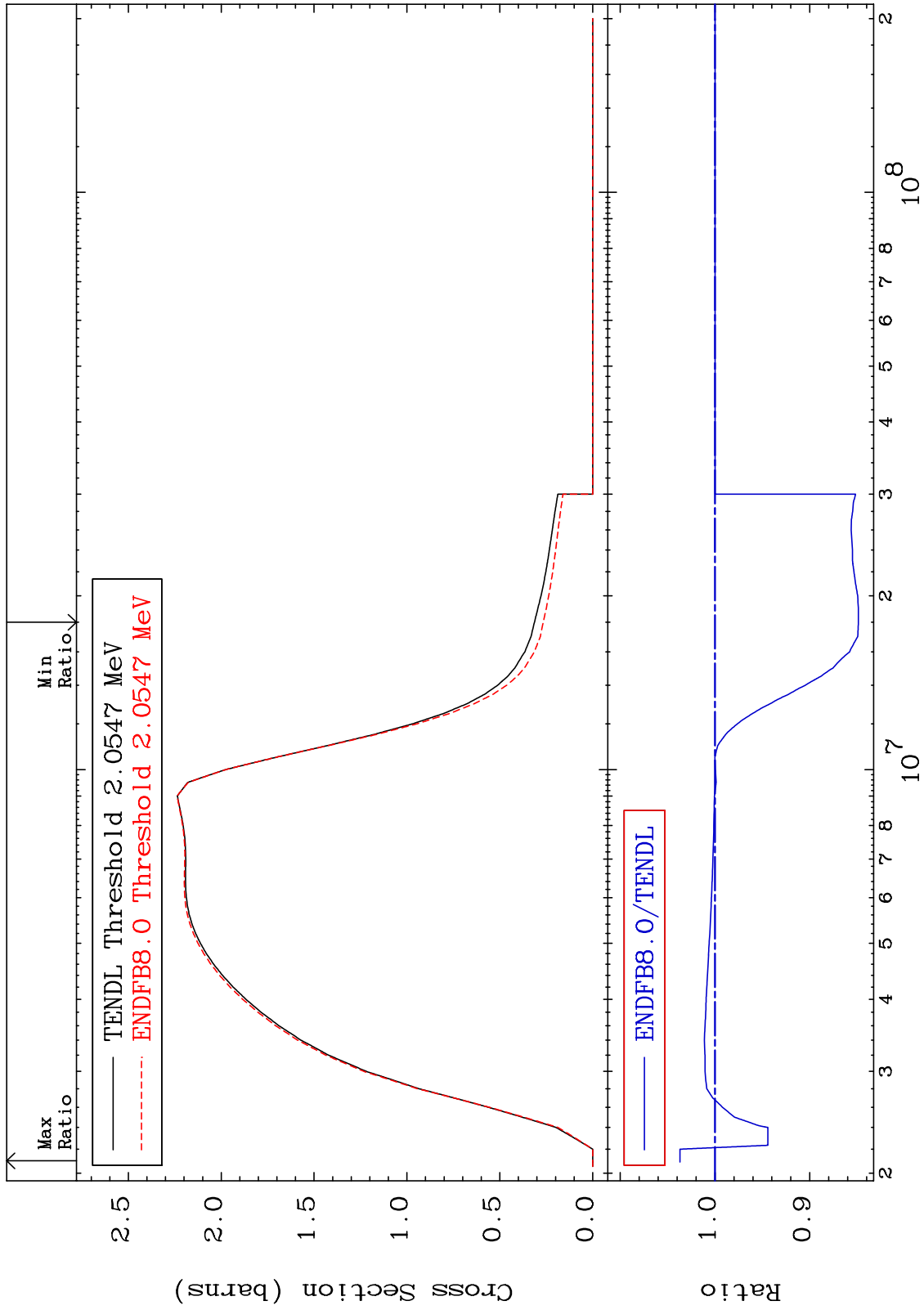




MAT 7825

(n, n') Continuum
Cross Section

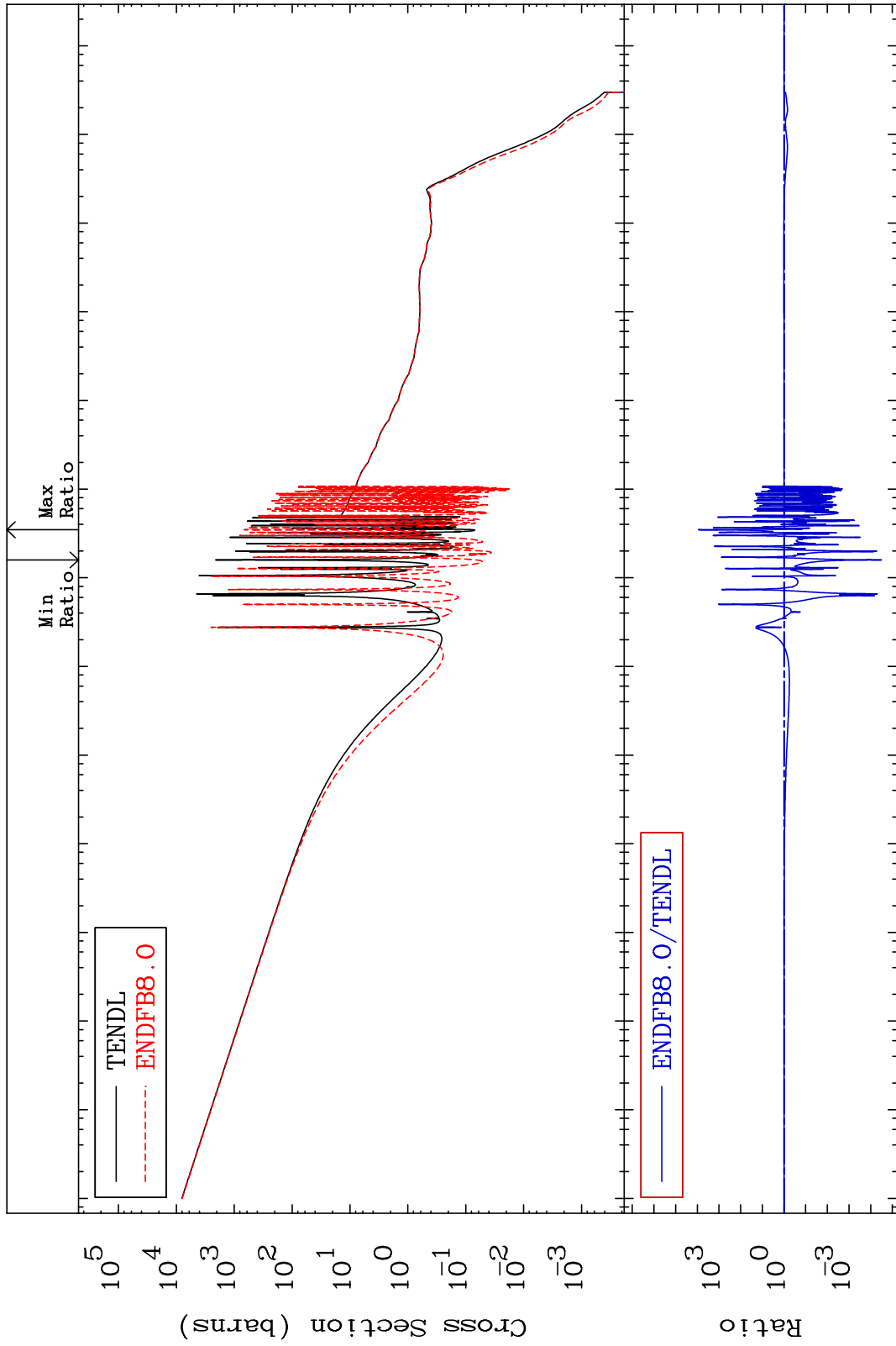
78-Pt-190
-15.13 To 3.690 %



MAT 7825

(n, γ)
Cross Section

78-Pt-190
-100.0 To 9999. %



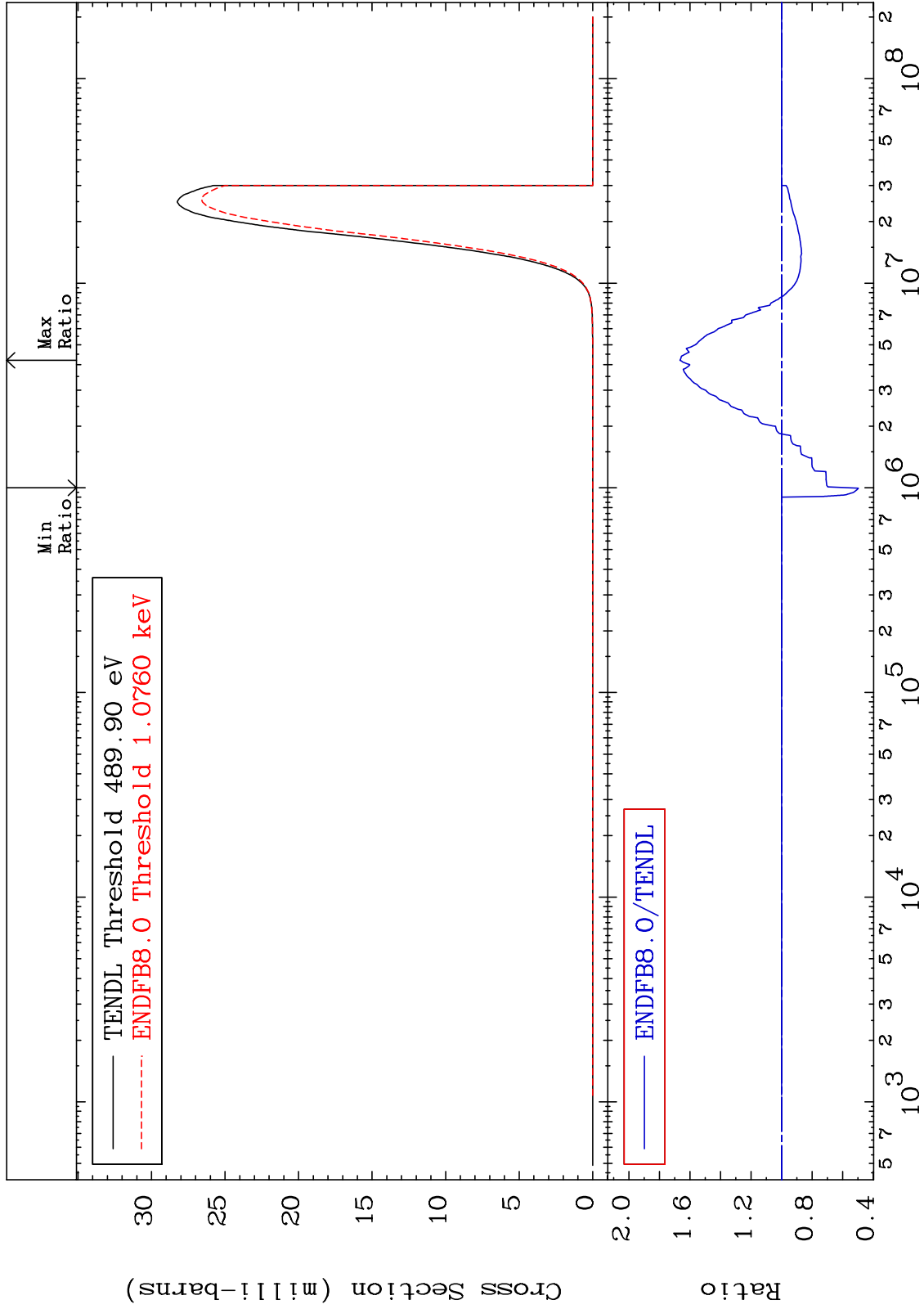
MAT 7825

(n, p)

78-Pt-190

Cross Section

-50.37 To 66.55 %



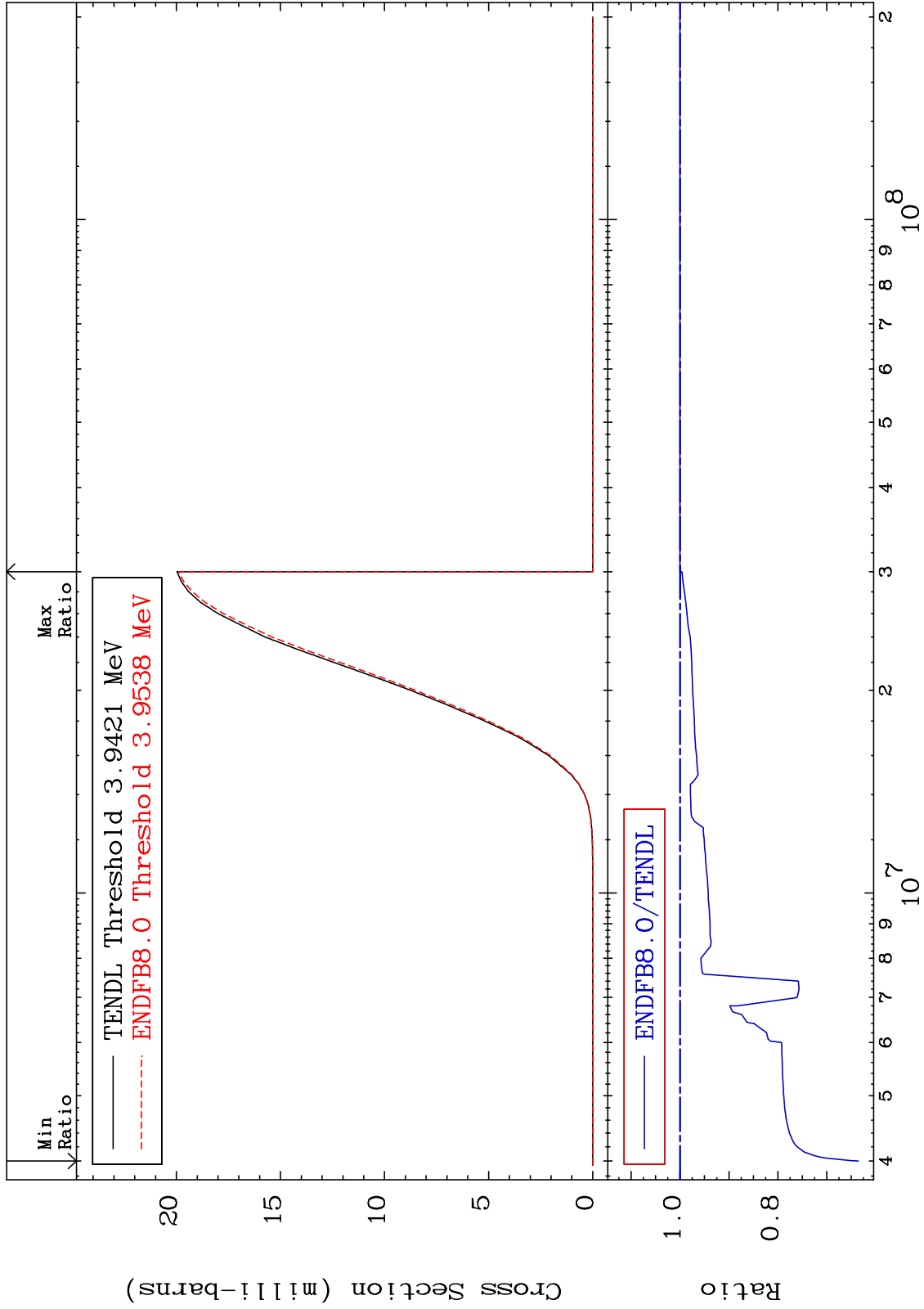
MAT 7825

(n, d)

78-Pt-190

Cross Section

-36.46 To 0.000 %



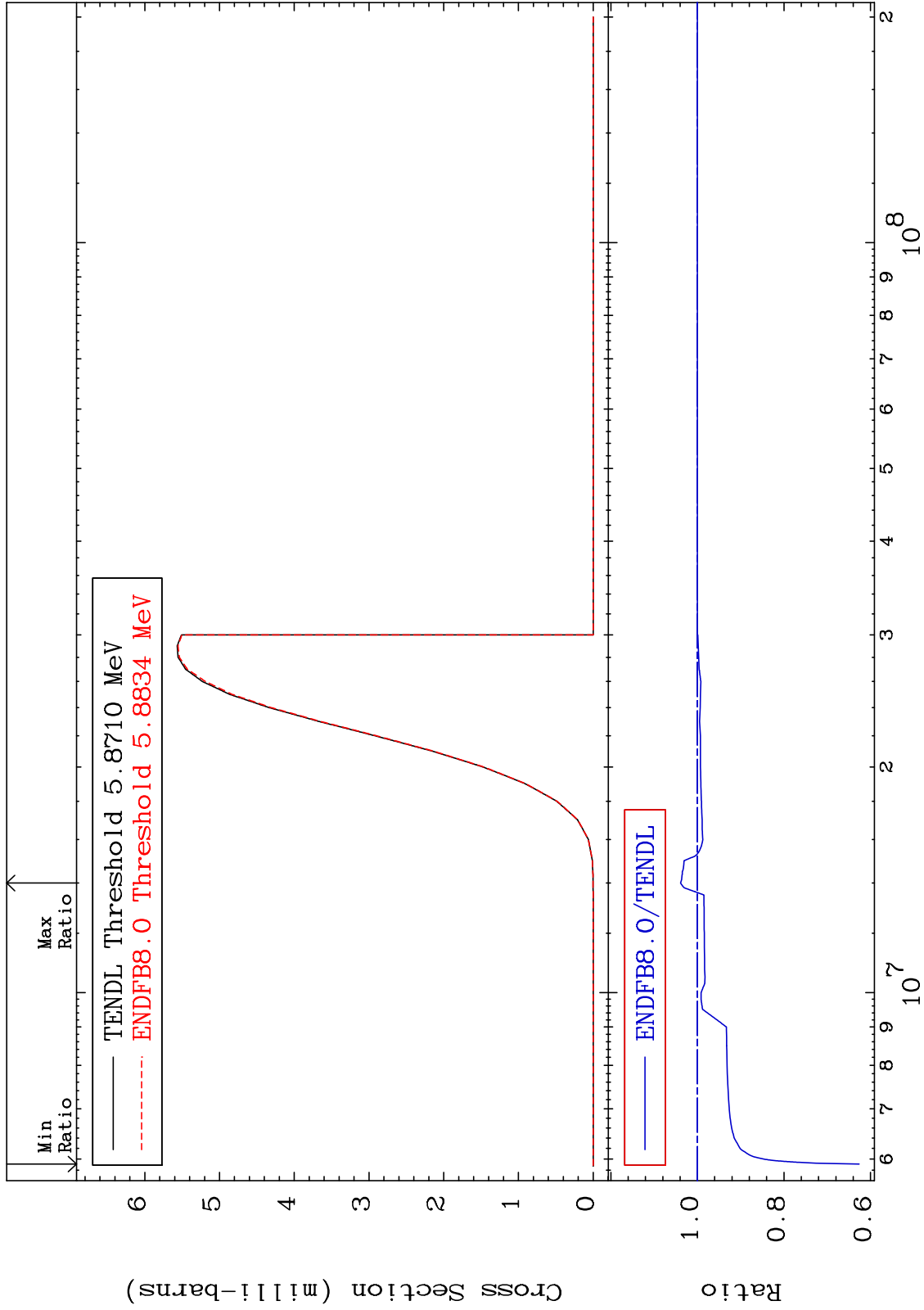
MAT 7825

(n, t)

78-Pt-190

Cross Section

-37.38 To 3.875 %



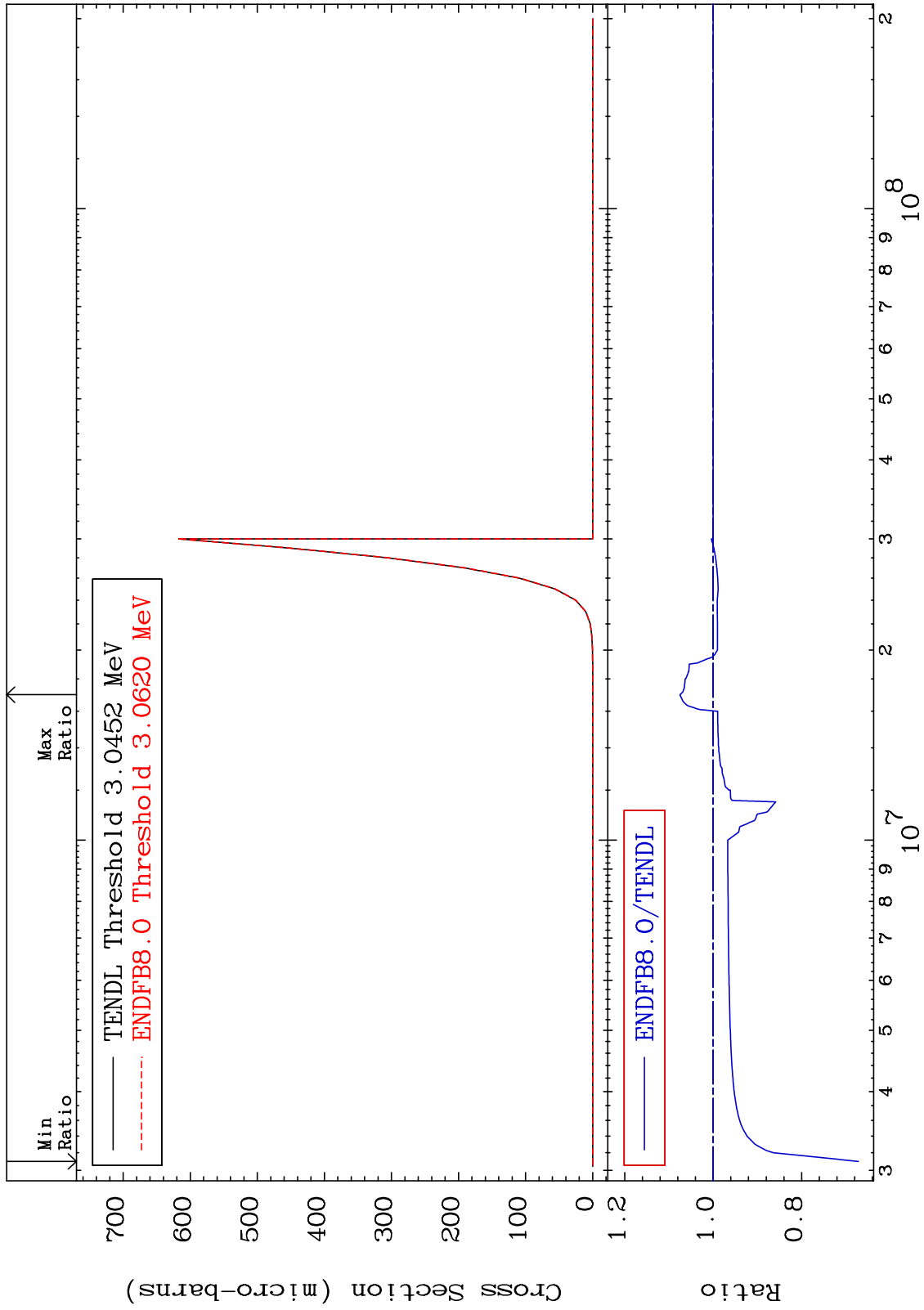
MAT 7825

(n, He-3)

78-Pt-190

Cross Section

-32.84 To 7.494 %



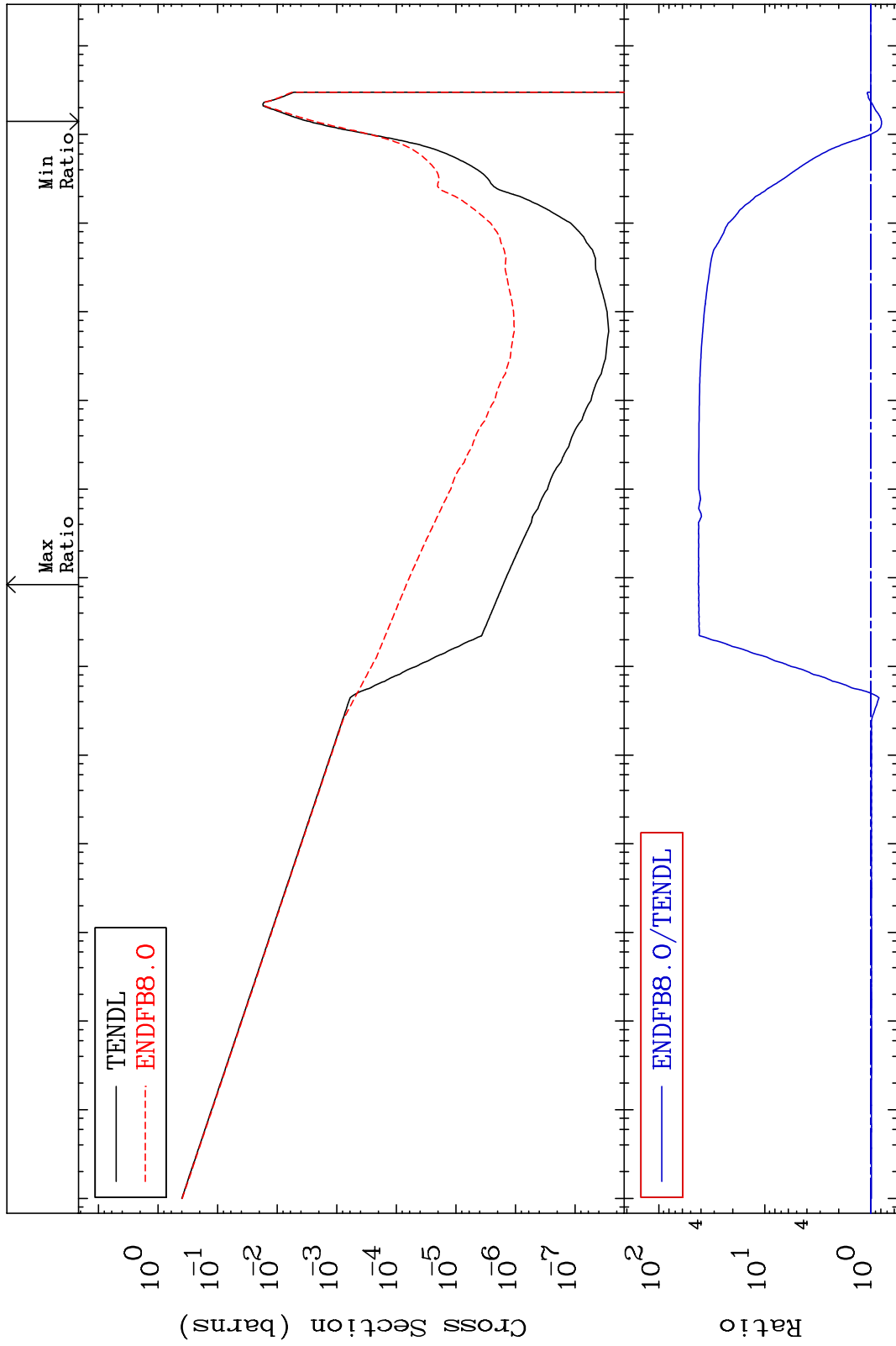
MAT 7825

(n, α)

78-Pt-190

Cross Section

-21.06 To 4130. %



Incident Energy (eV) 78-Pt-190

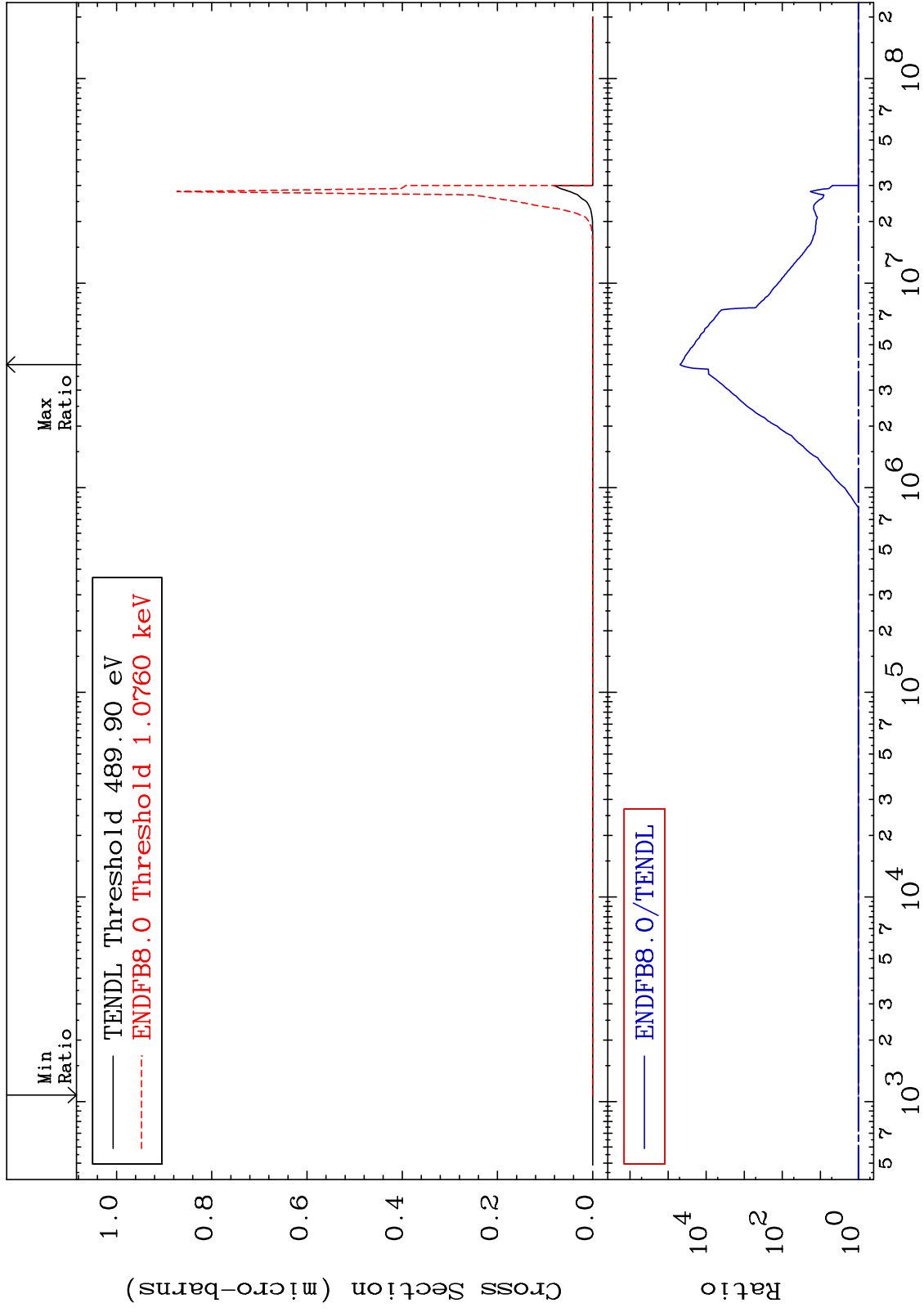
MAT 7825

(n, 2α)

78-Pt-190

Cross Section

0.000 To 9999. %



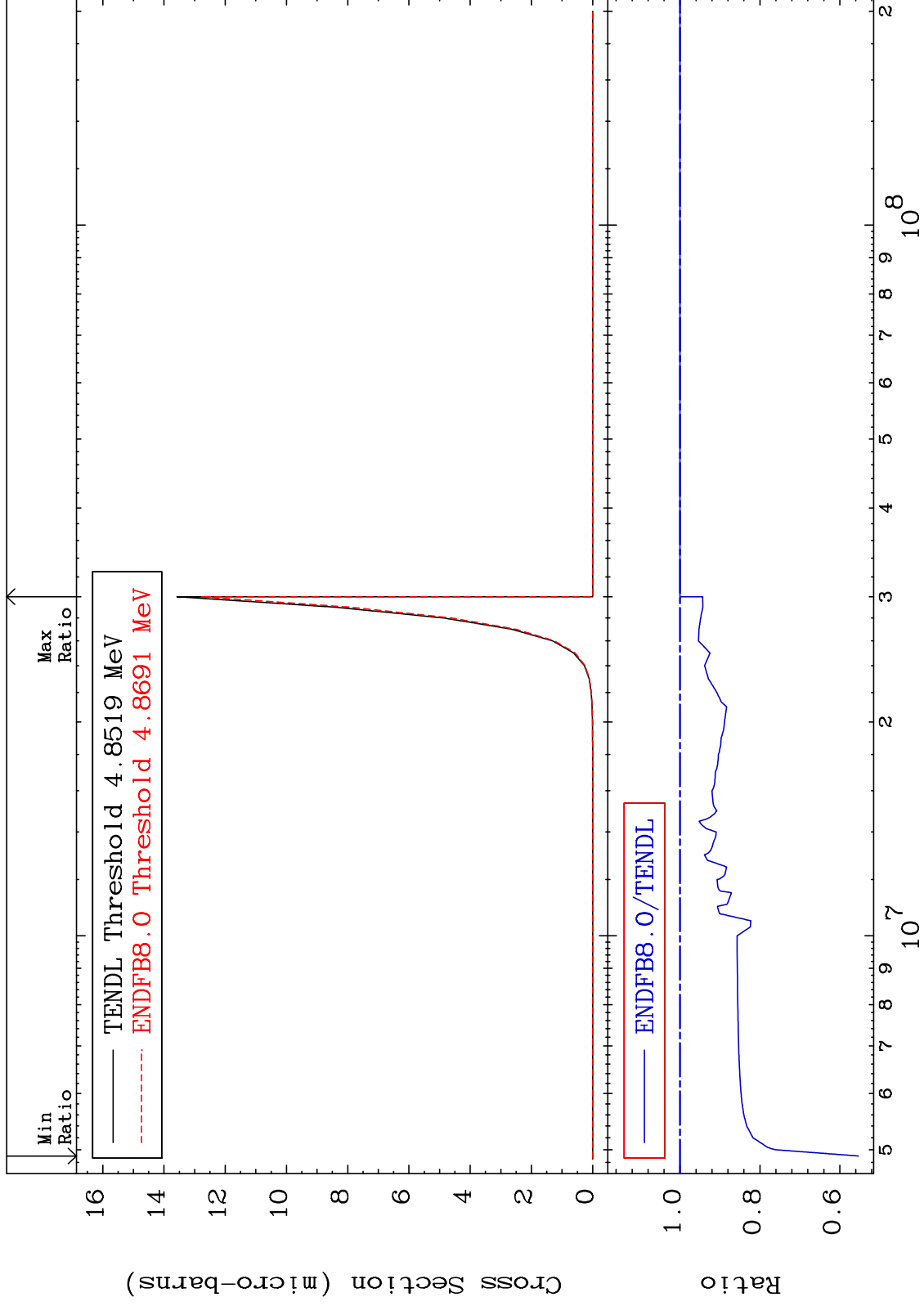
MAT 7825

(n,2p)

78-Pt-190

Cross Section

-44.66 To 0.000 %



55

Incident Energy (eV)

78-Pt-190

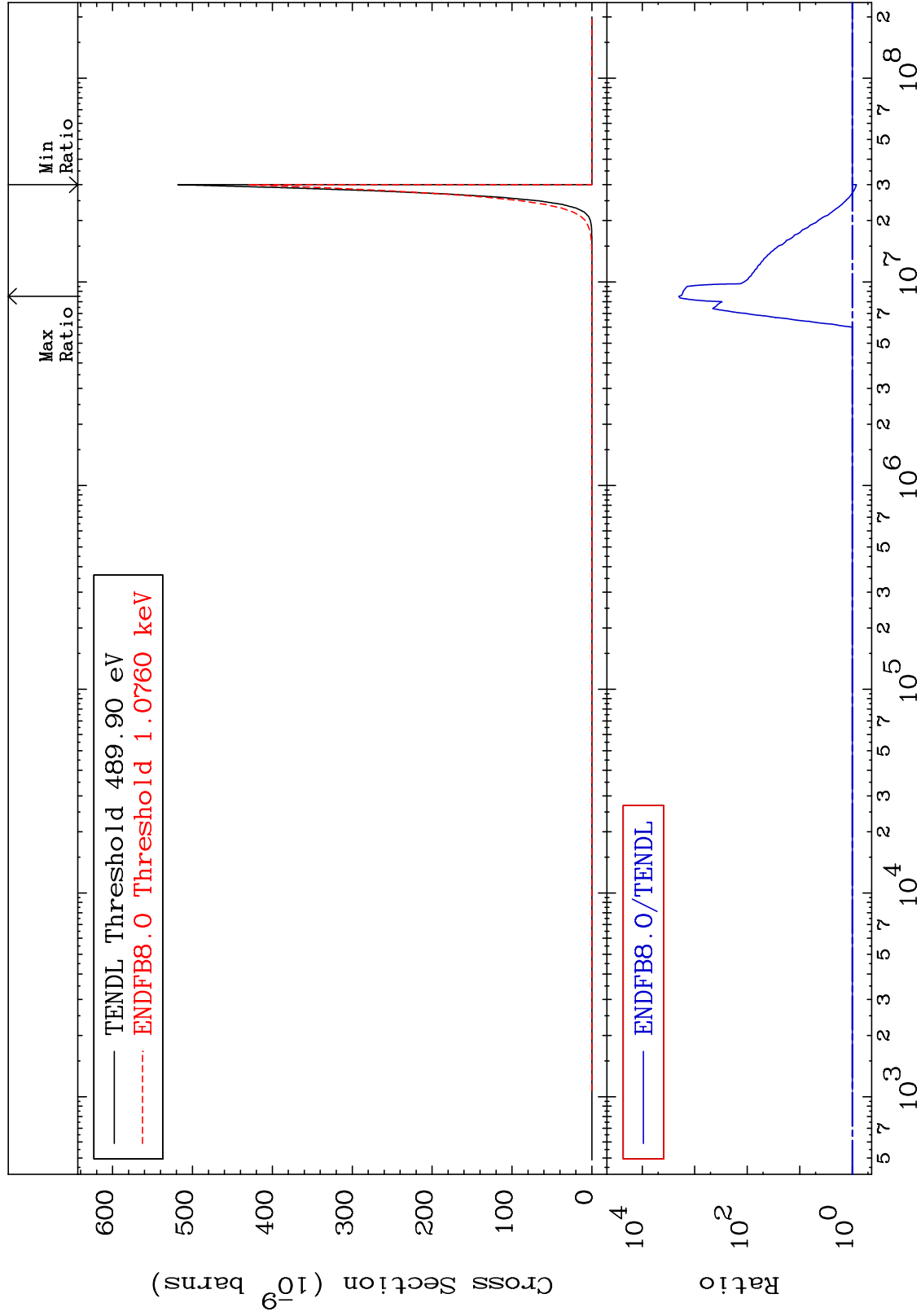
MAT 7825

(n,p) α

Cross Section

78-Pt-190

-16.99 To 9999. %



56

Incident Energy (eV)

78-Pt-190

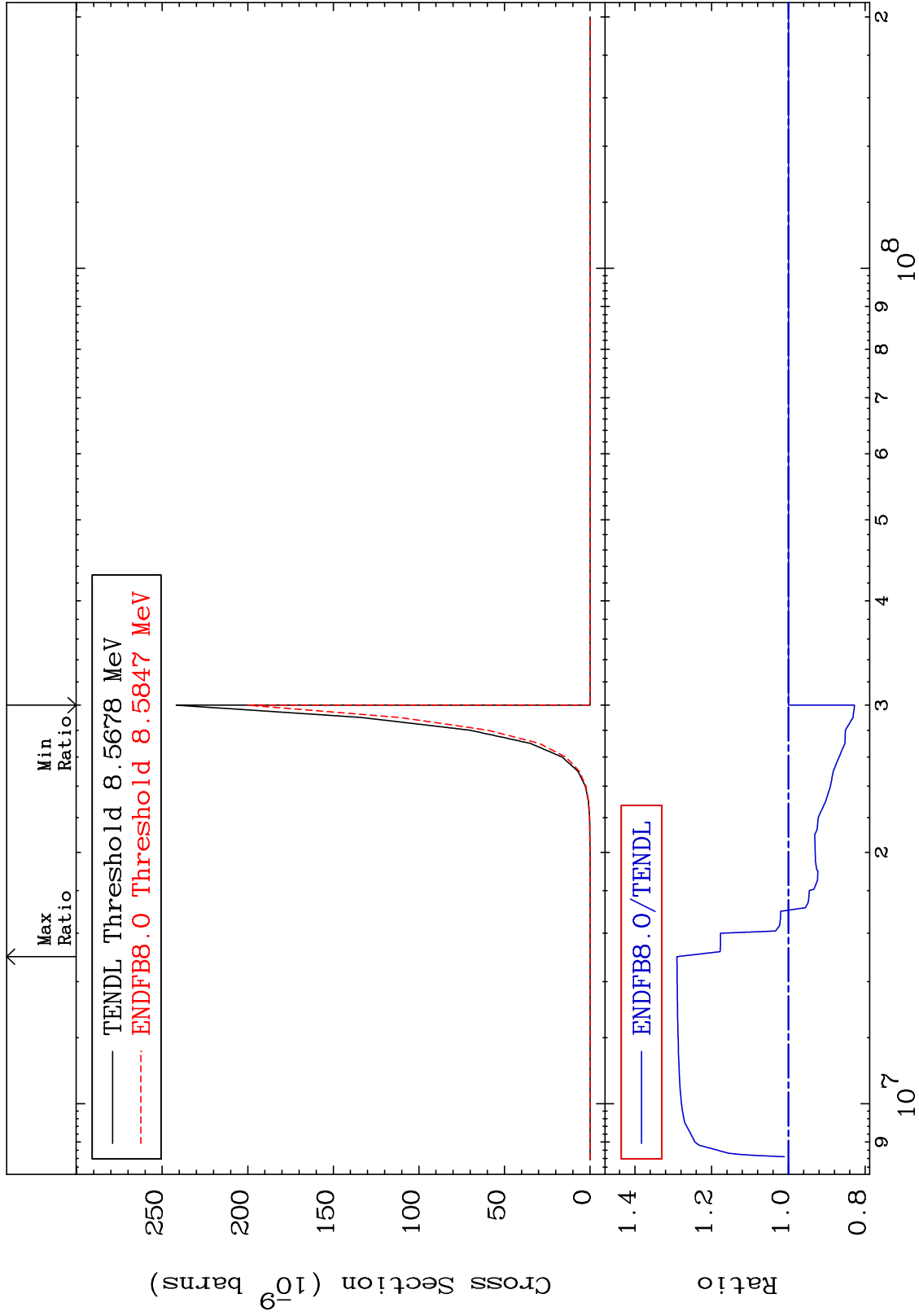
MAT 7825

(n,p) d

78-Pt-190

Cross Section

-17.24 To 29.04 %



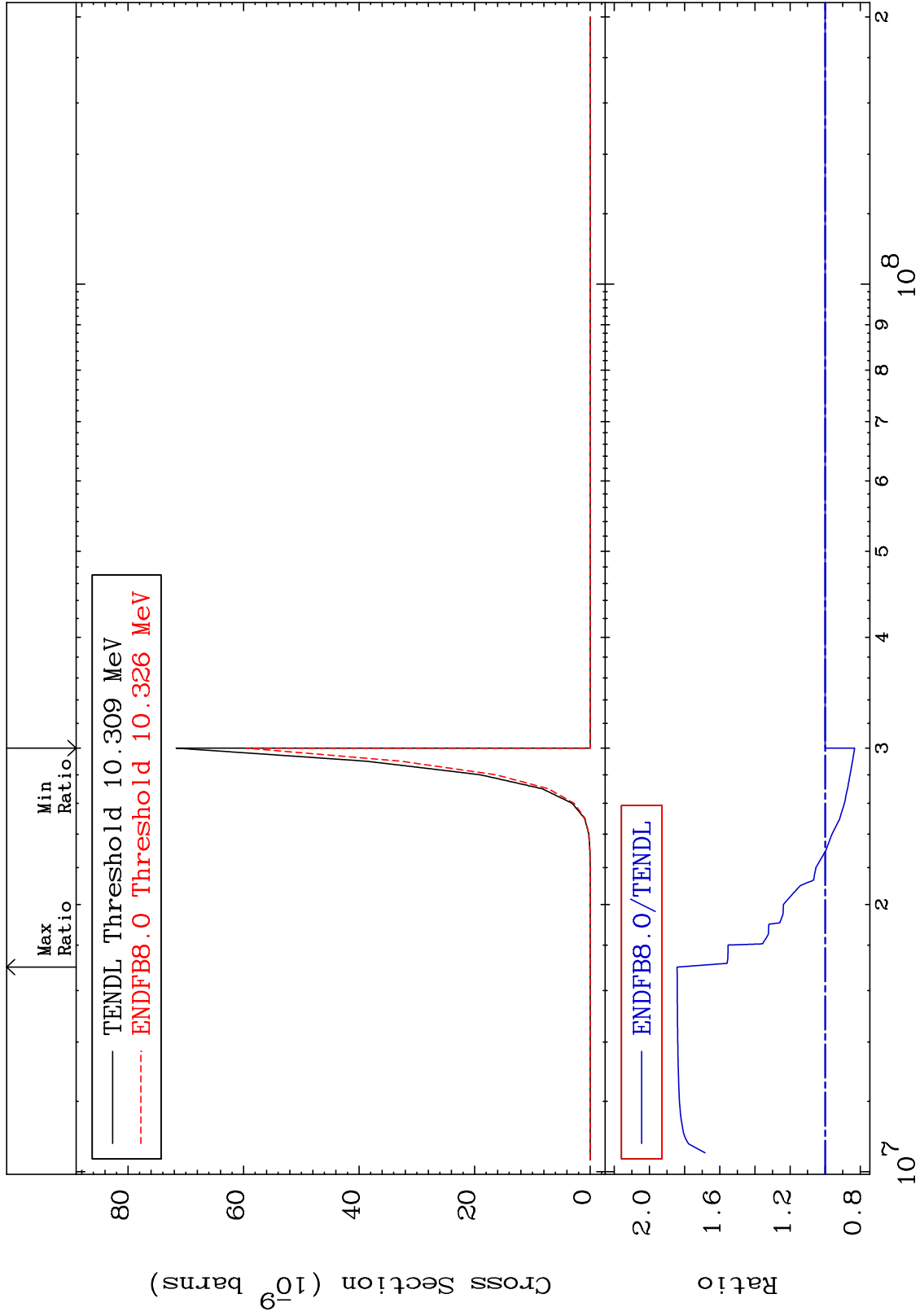
MAT 7825

(n,p) t

78-Pt-190

Cross Section

-16.78 To 84.27 %



58

Incident Energy (eV)

78-Pt-190

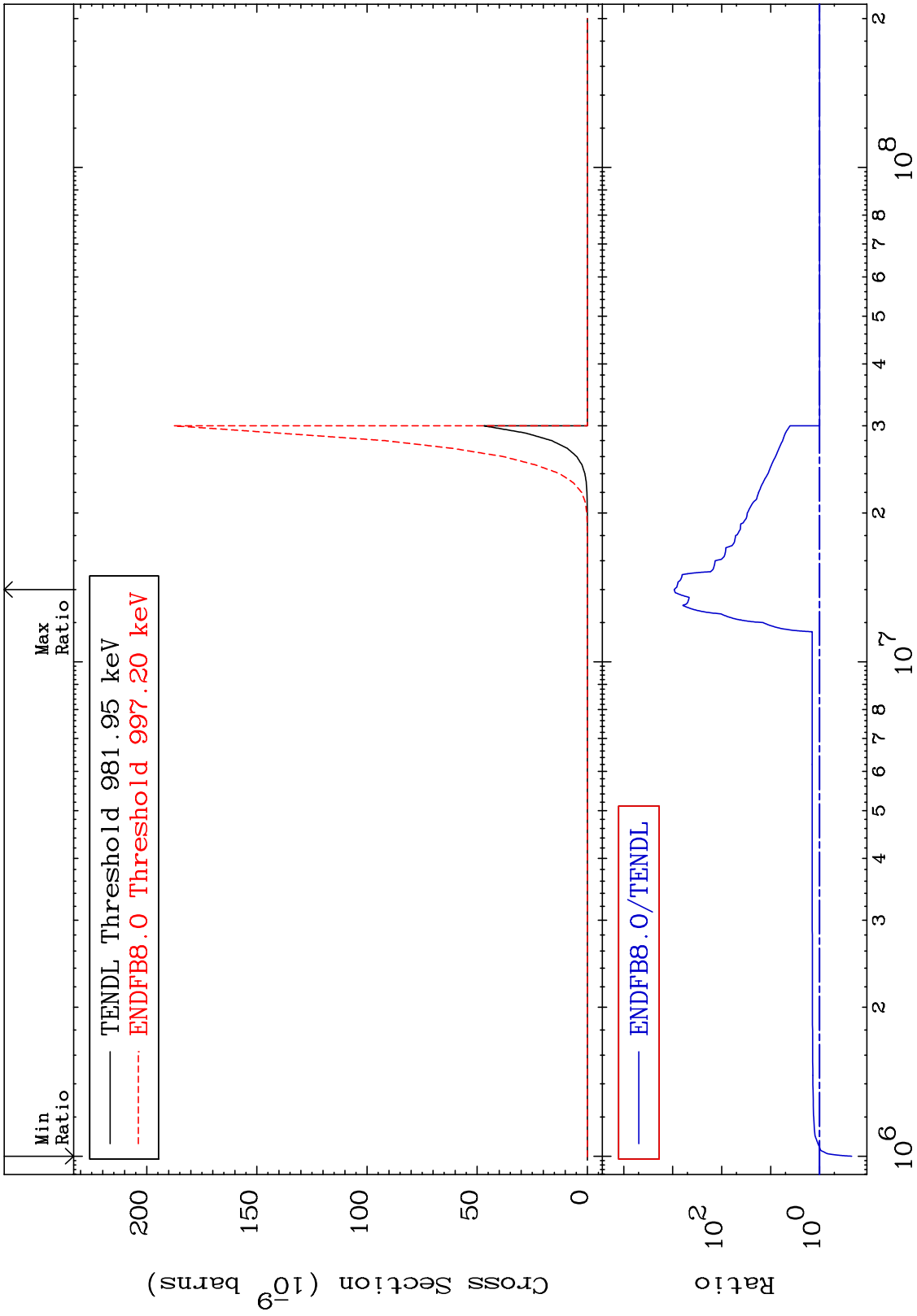
MAT 7825

(n,d) α

78-Pt-190

Cross Section

-77.92 To 9999. %



59

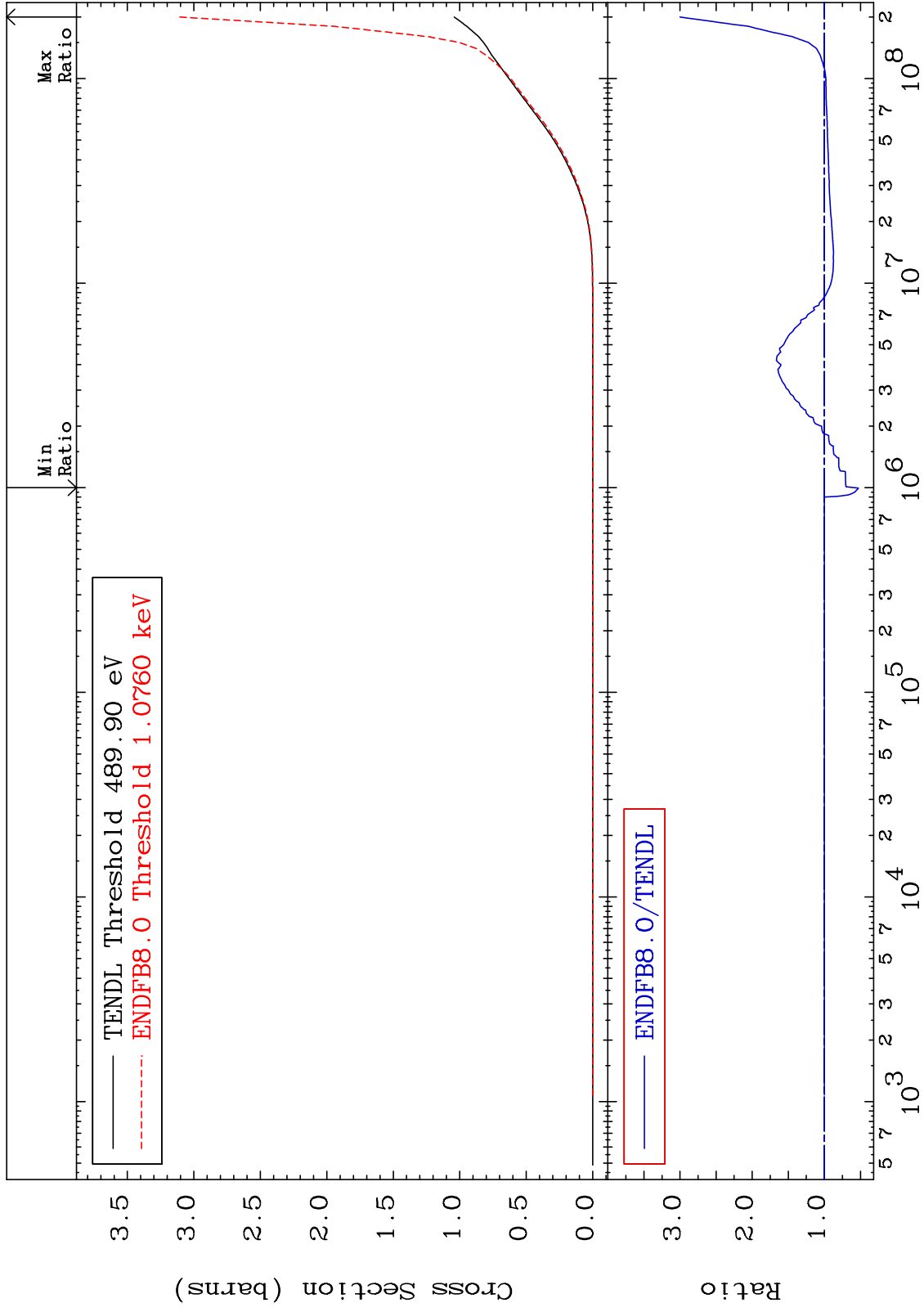
Incident Energy (eV)

78-Pt-190

MAT 7825

Hydrogen Production
Cross Section

78-Pt-190
-47.16 To 200.0 %



60

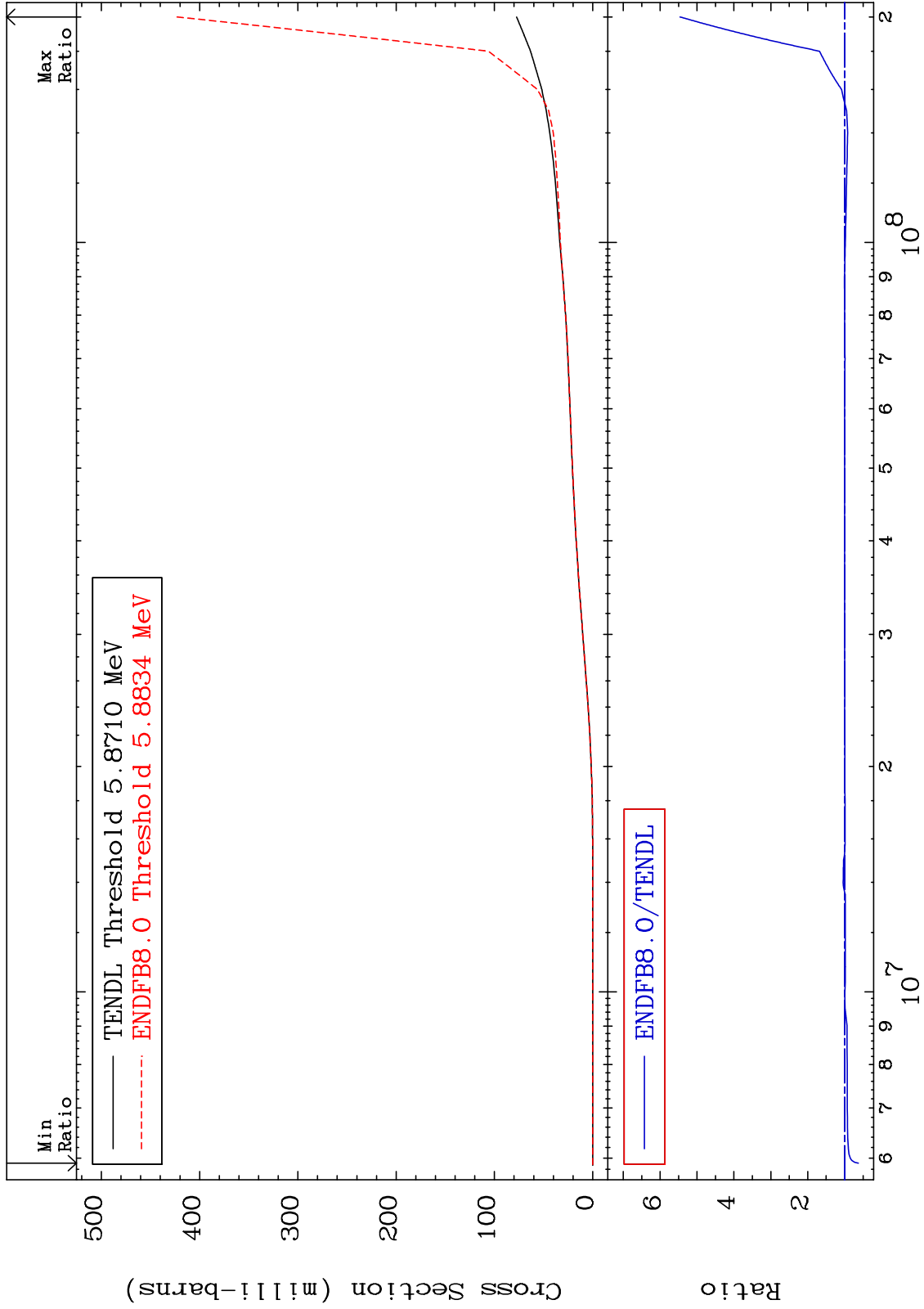
Incident Energy (eV)

78-Pt-190

MAT 7825

Tritium Production
Cross Section

78-Pt-190
-37.38 To 446.1 %



62

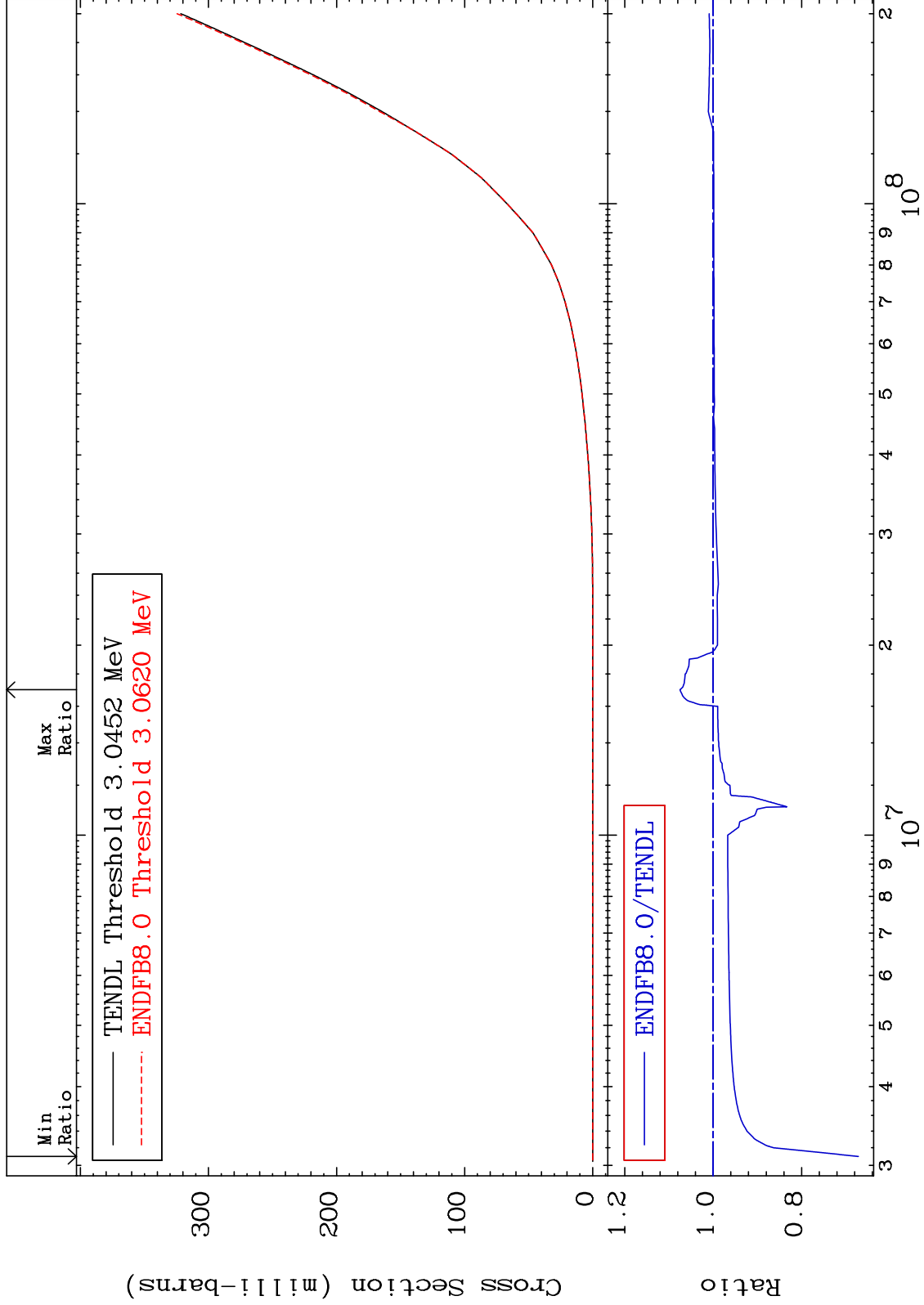
Incident Energy (eV)

78-Pt-190

MAT 7825

He-3 Production
Cross Section

78-Pt-190
-32.84 To 7.494 %



63

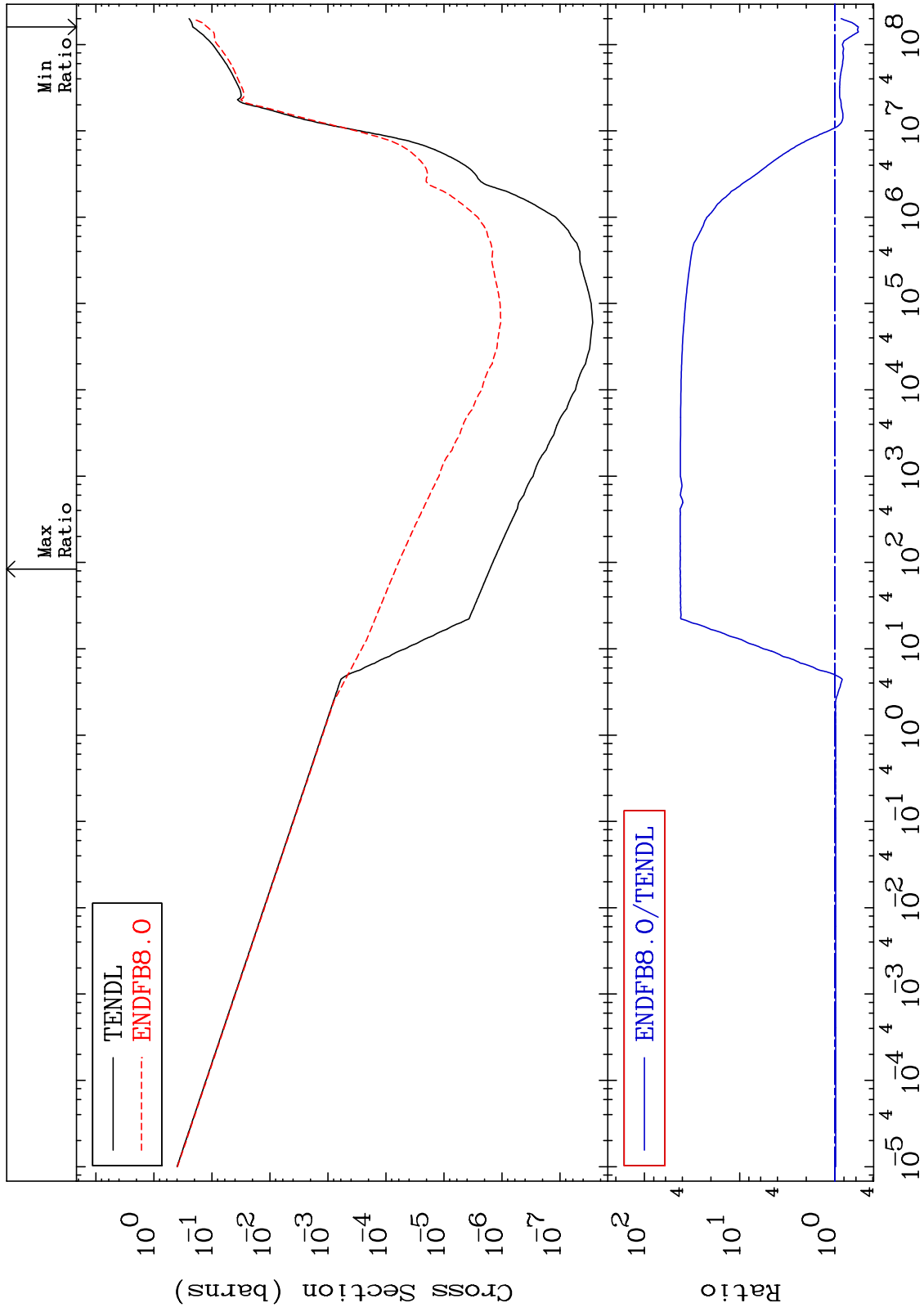
Incident Energy (eV)

78-Pt-190

MAT 7825

He-4 Production
Cross Section

78-Pt-190
-43.47 To 4130. %



64

Incident Energy (eV)

78-Pt-190

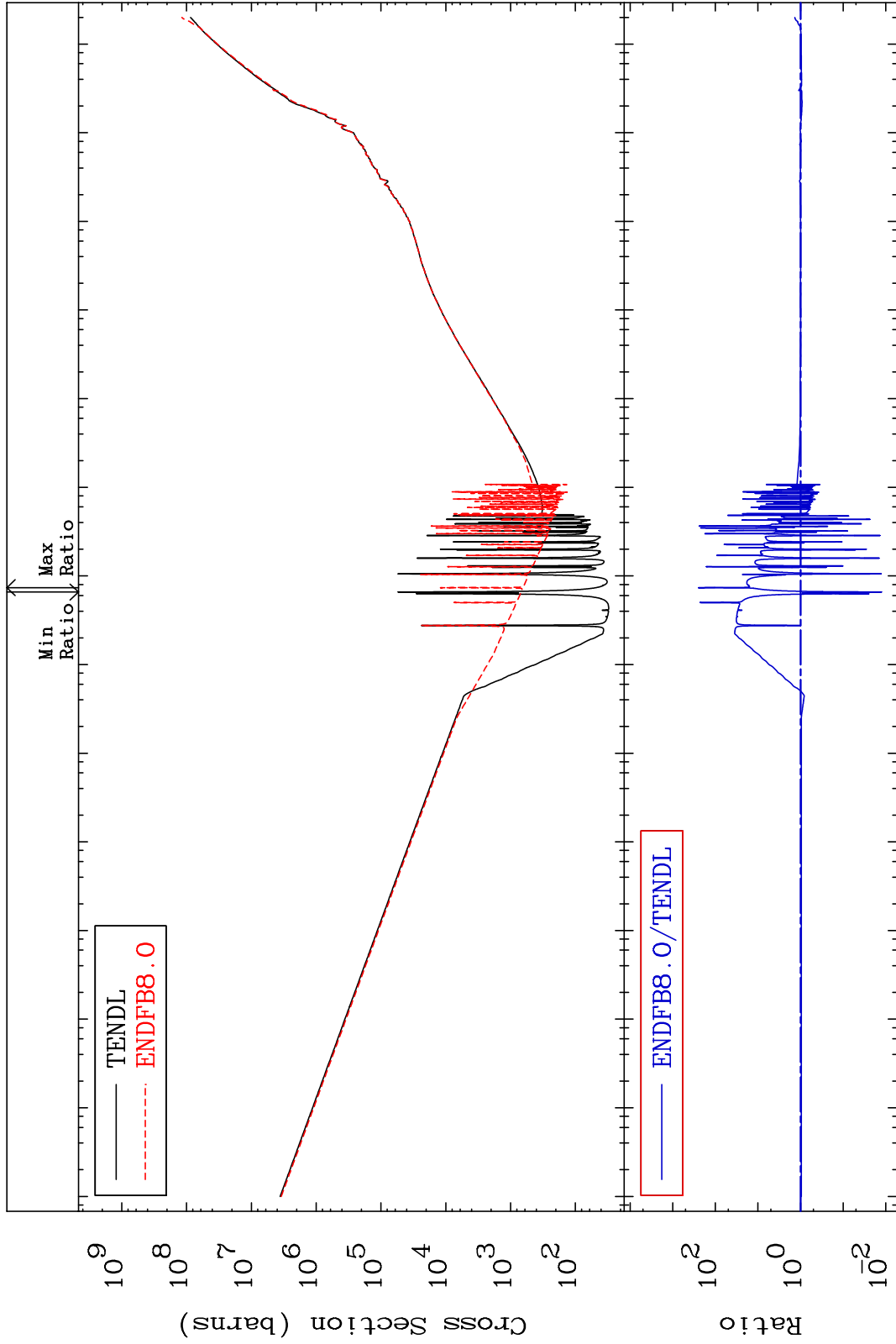
MAT 7825

Kerma total (eV-barns)

78-Pt-190

-98.74 To 9999. %

Cross Section



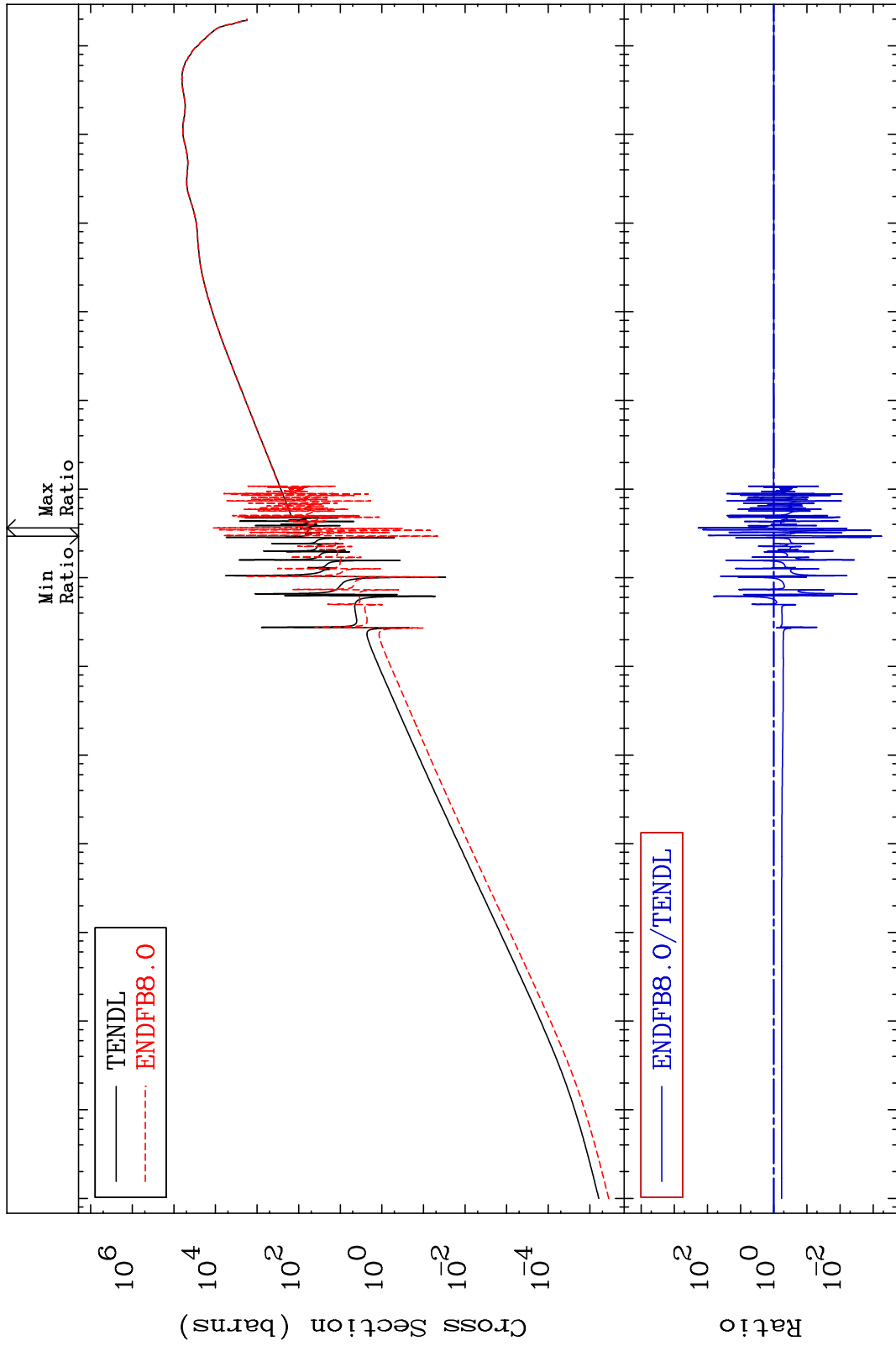
Incident Energy (eV)

78-Pt-190

MAT 7825

Kerma elastic
Cross Section

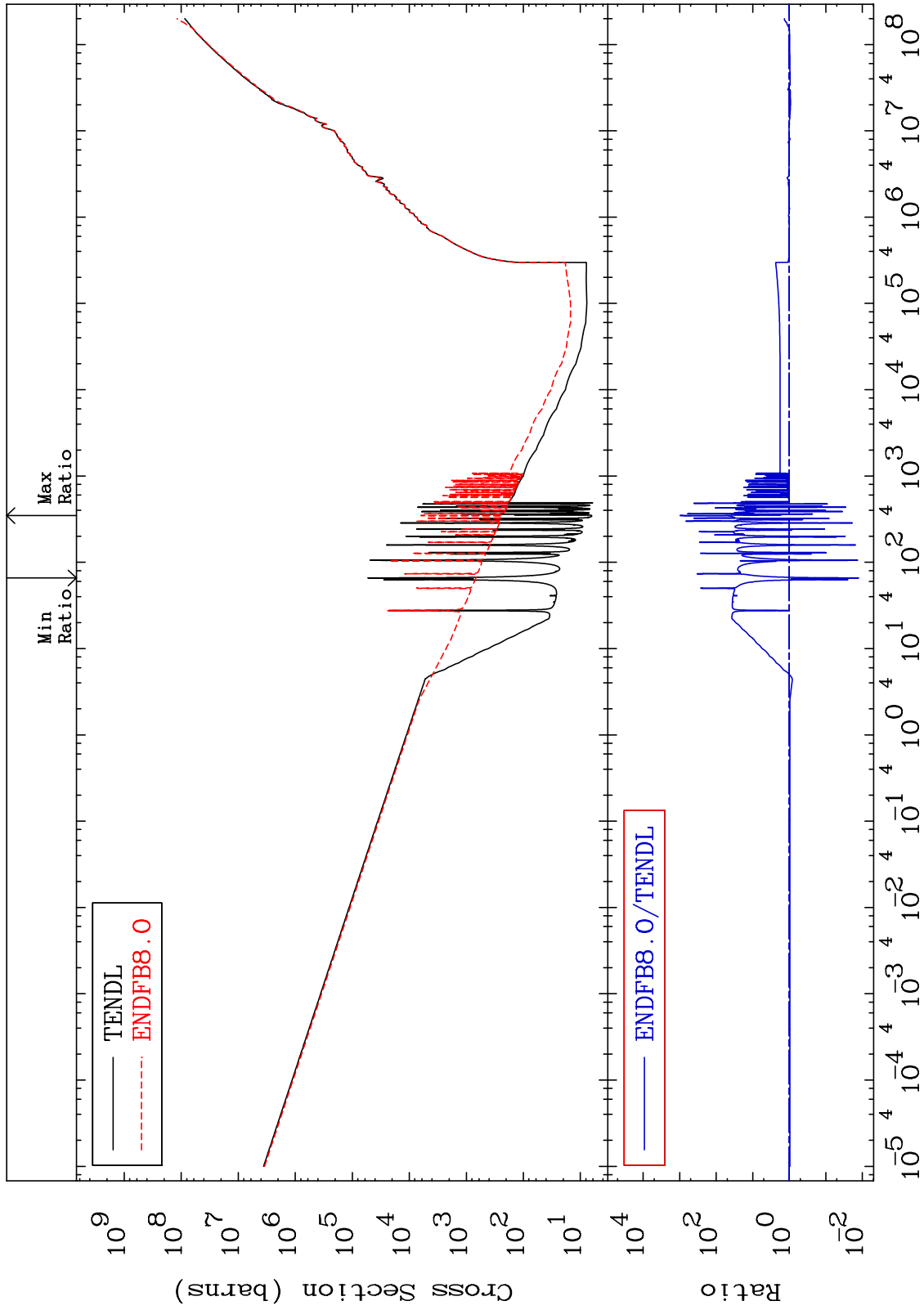
78-Pt-190
-99.94 To 9999. %



MAT 7825

Kerma non-elastic (all but mt2)
Cross Section

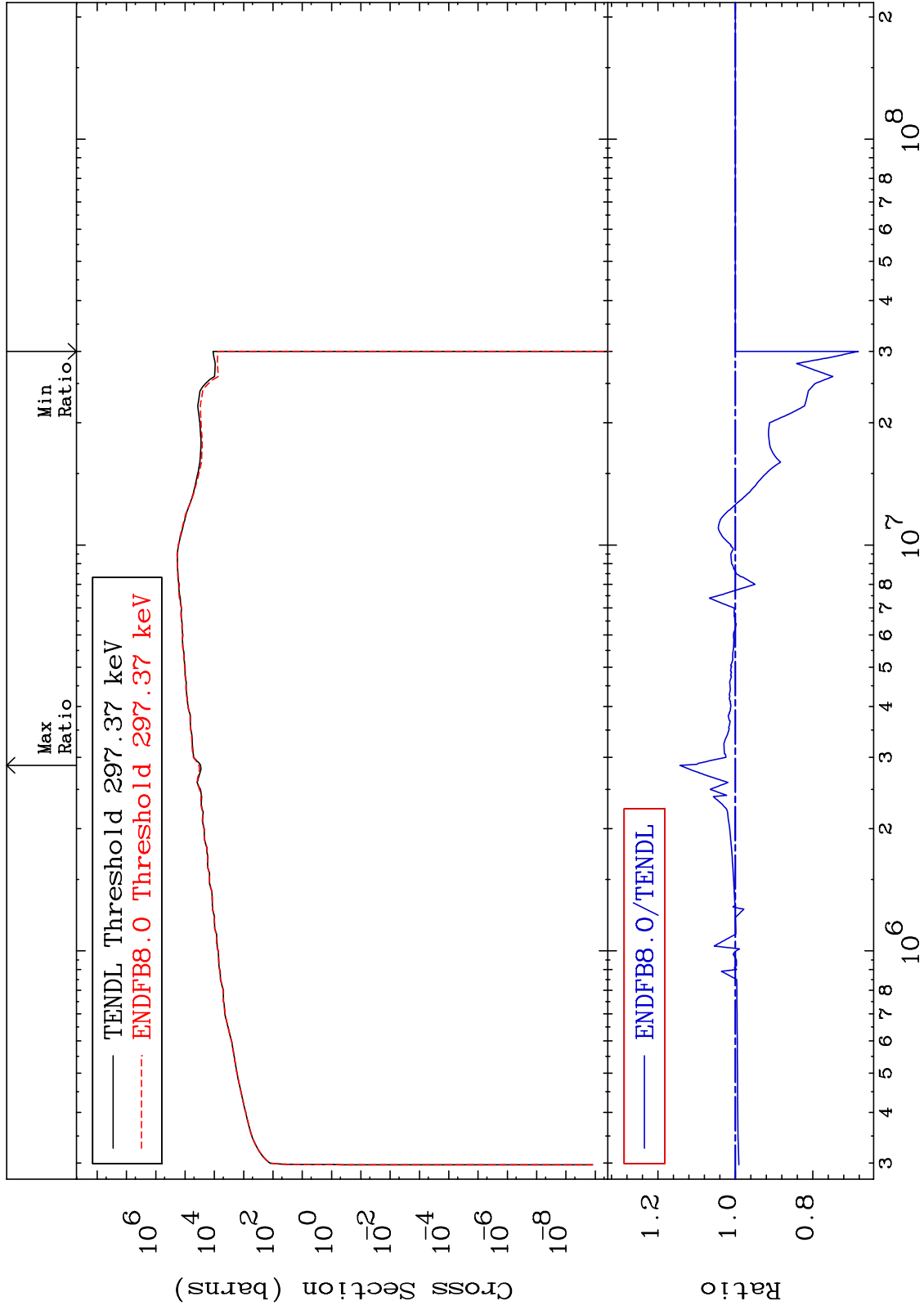
78-Pt-190
-98.72 To 9999. %



MAT 7825

Kerma inelastic (mt51-91)
Cross Section

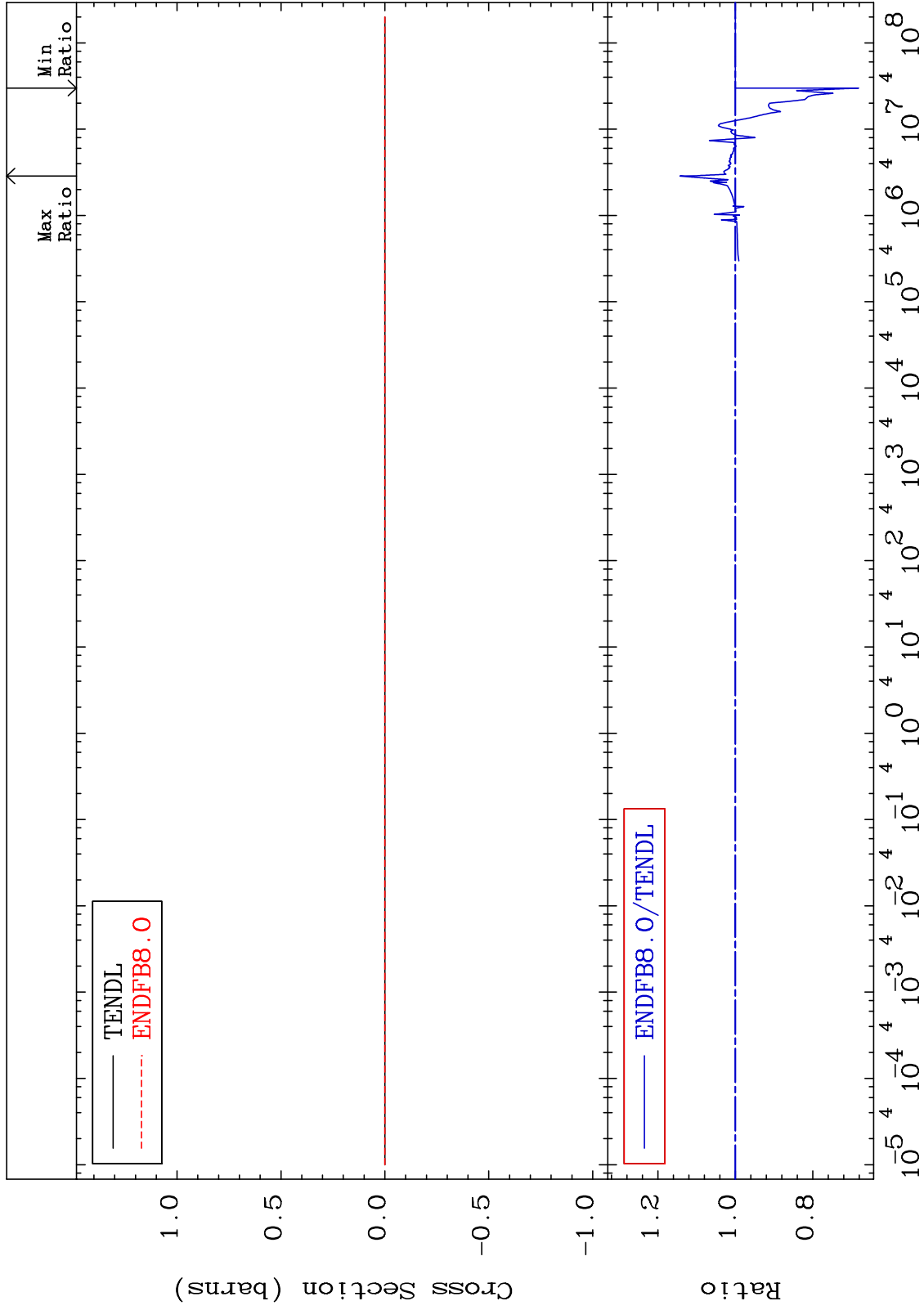
78-Pt-190
-31.79 To 14.28 %



MAT 7825

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

78-Pt-190
-31.79 To 14.28 %



69

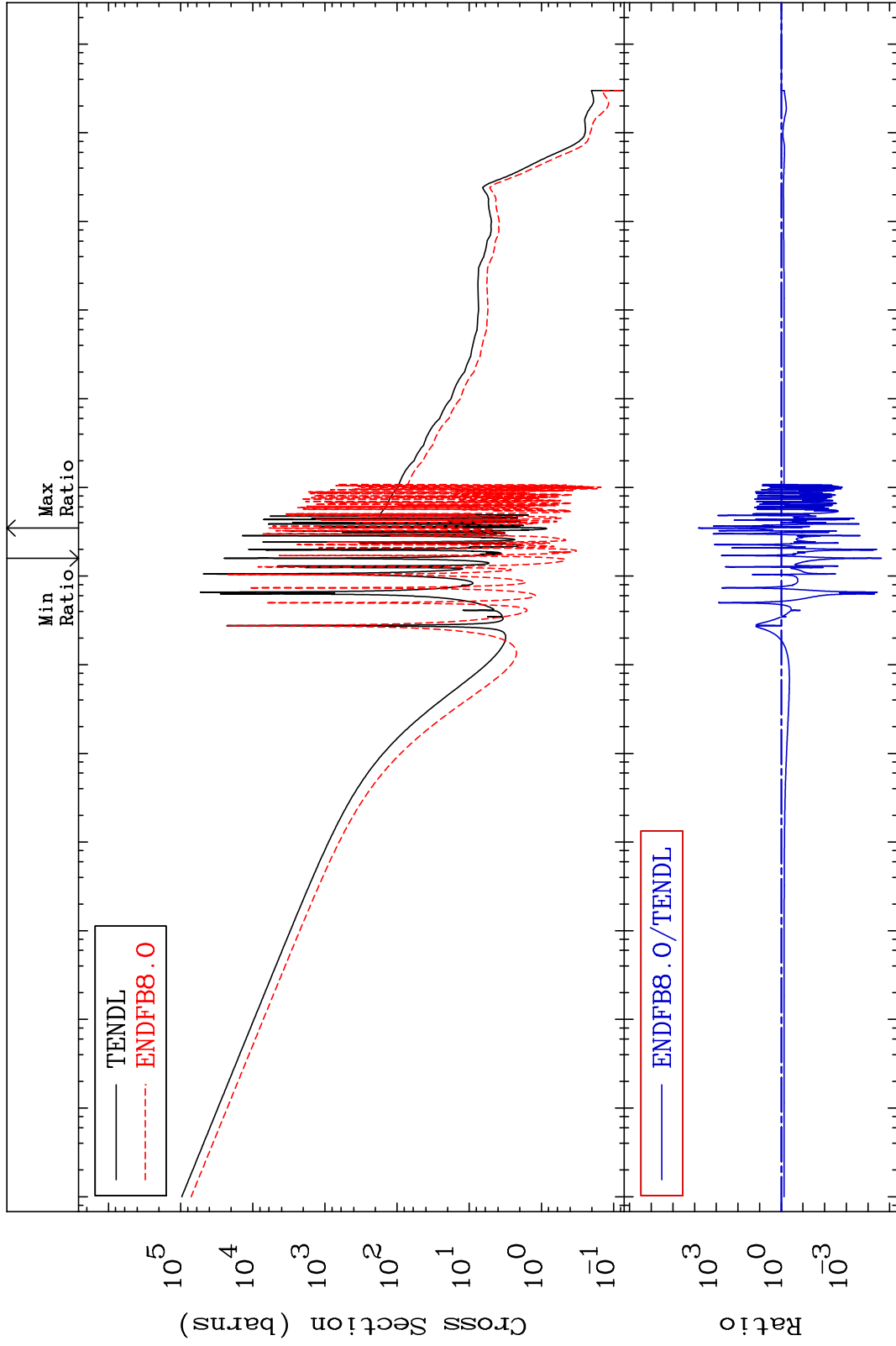
Incident Energy (eV)

78-Pt-190

MAT 7825

Kerma capture (mt102)
Cross Section

78-Pt-190
-100.0 To 9999. %



70

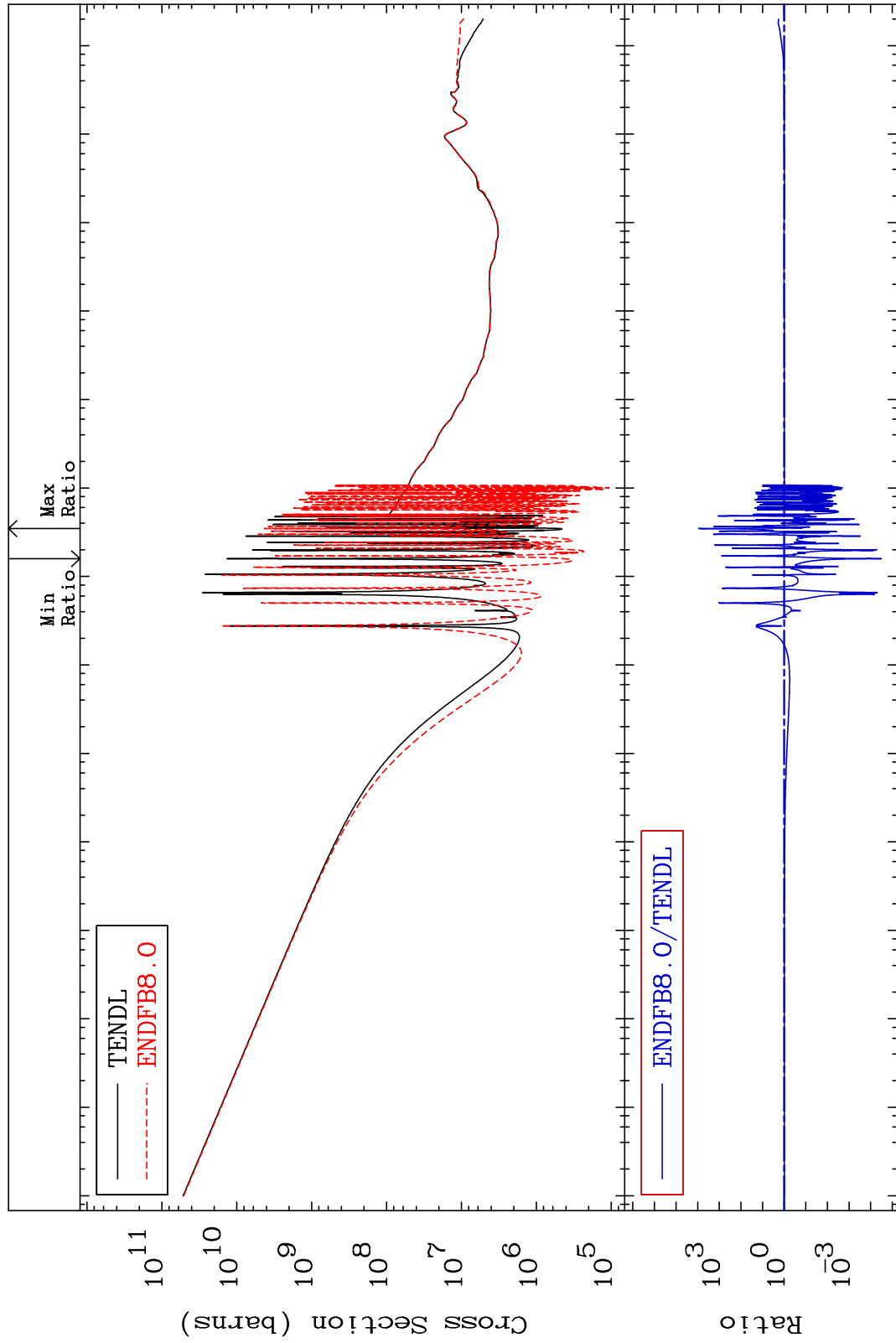
Incident Energy (eV)

78-Pt-190

MAT 7825

Total photon (eV-barns)
Cross Section

78-Pt-190
-100.0 To 9999. %



71

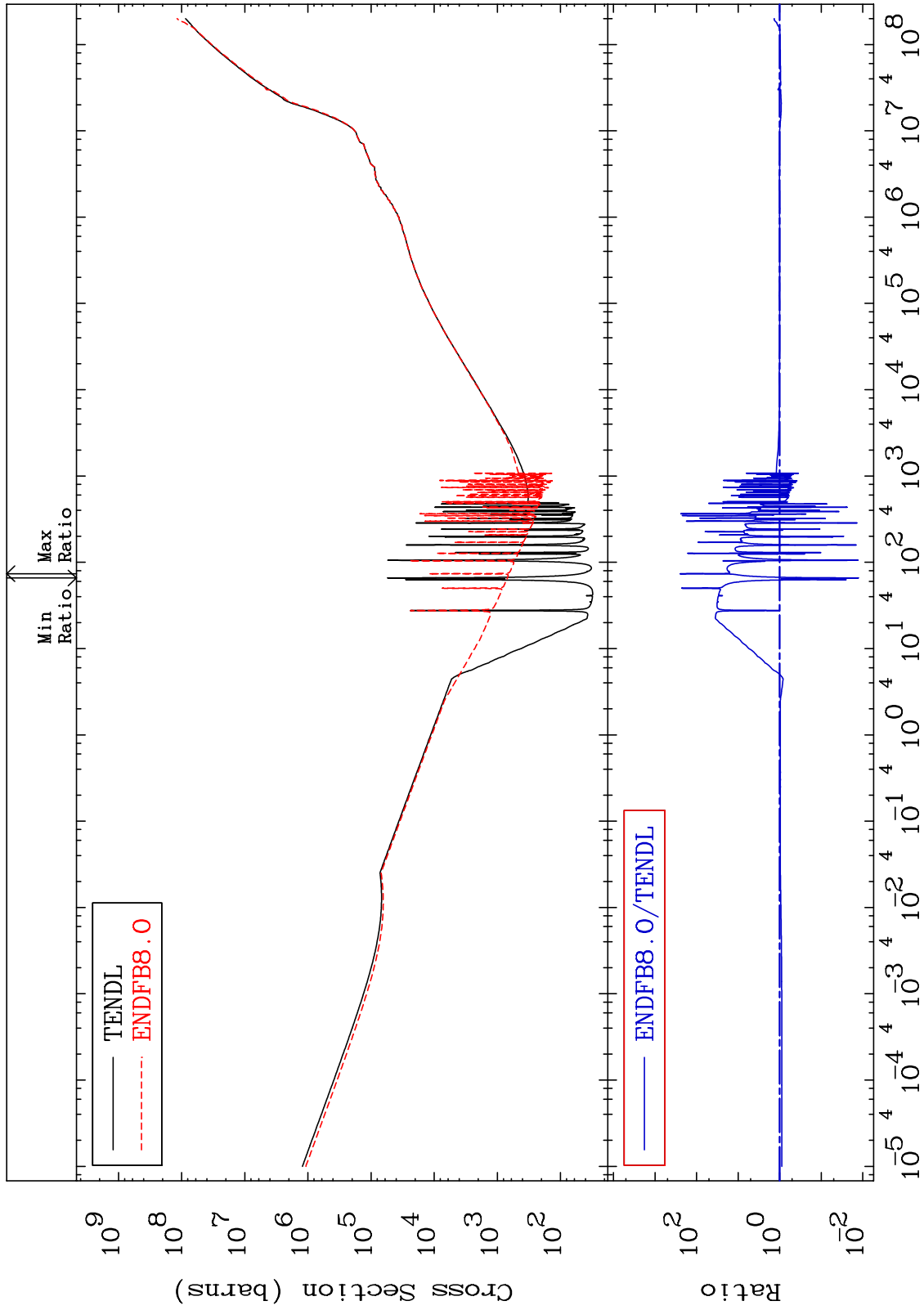
Incident Energy (eV)

78-Pt-190

MAT 7825

Total kinematic kerma (high limit)
Cross Section

78-Pt-190
-98.73 To 9999. %



72

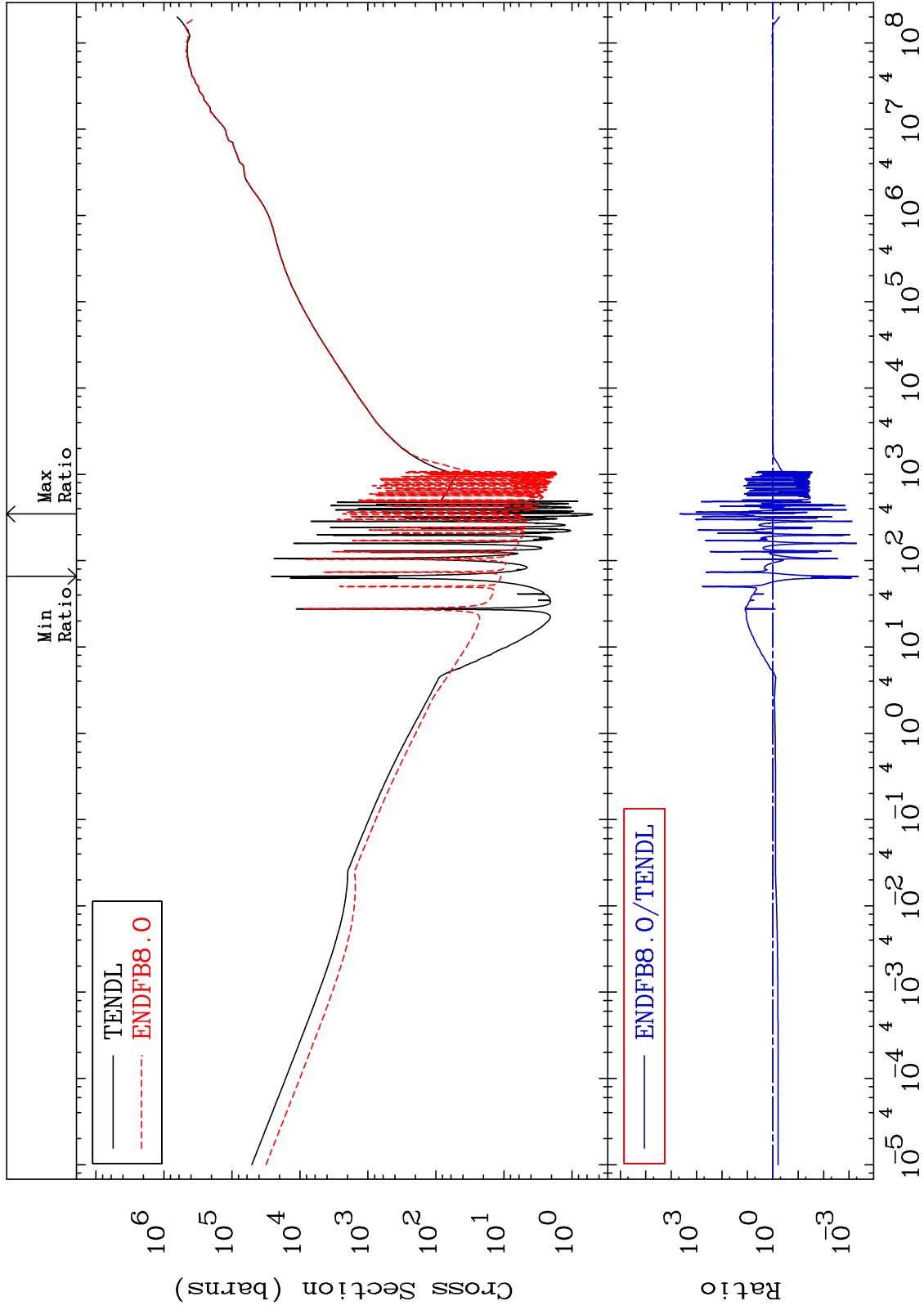
Incident Energy (eV)

78-Pt-190

MAT 7825

Dpa total (eV-barns)
Cross Section

78-Pt-190
-99.96 To 9999. %



73

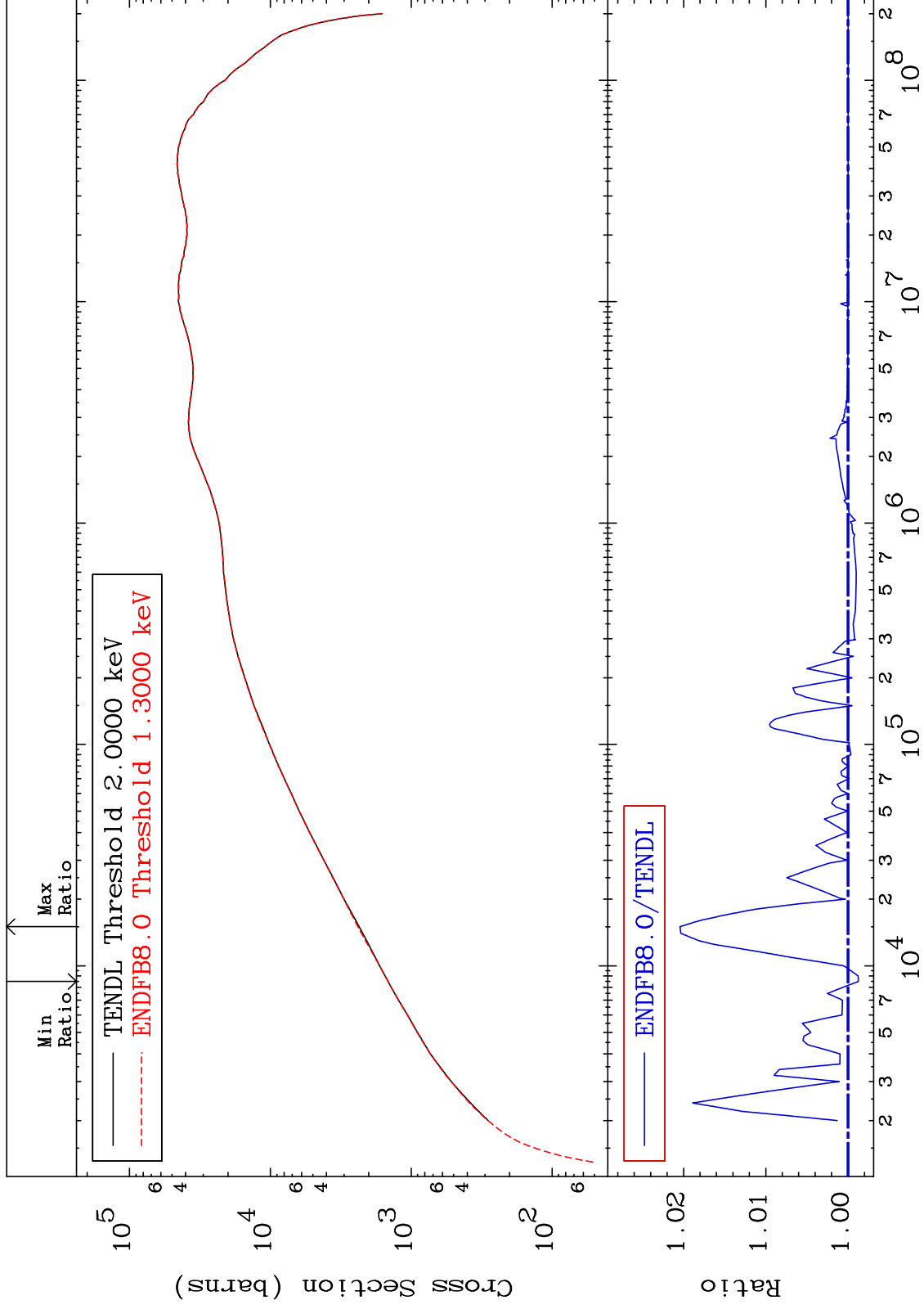
Incident Energy (eV)

78-Pt-190

MAT 7825

Dpa elastic (mt2)
Cross Section

78-Pt-190
-0.126 To 2.043 %



74

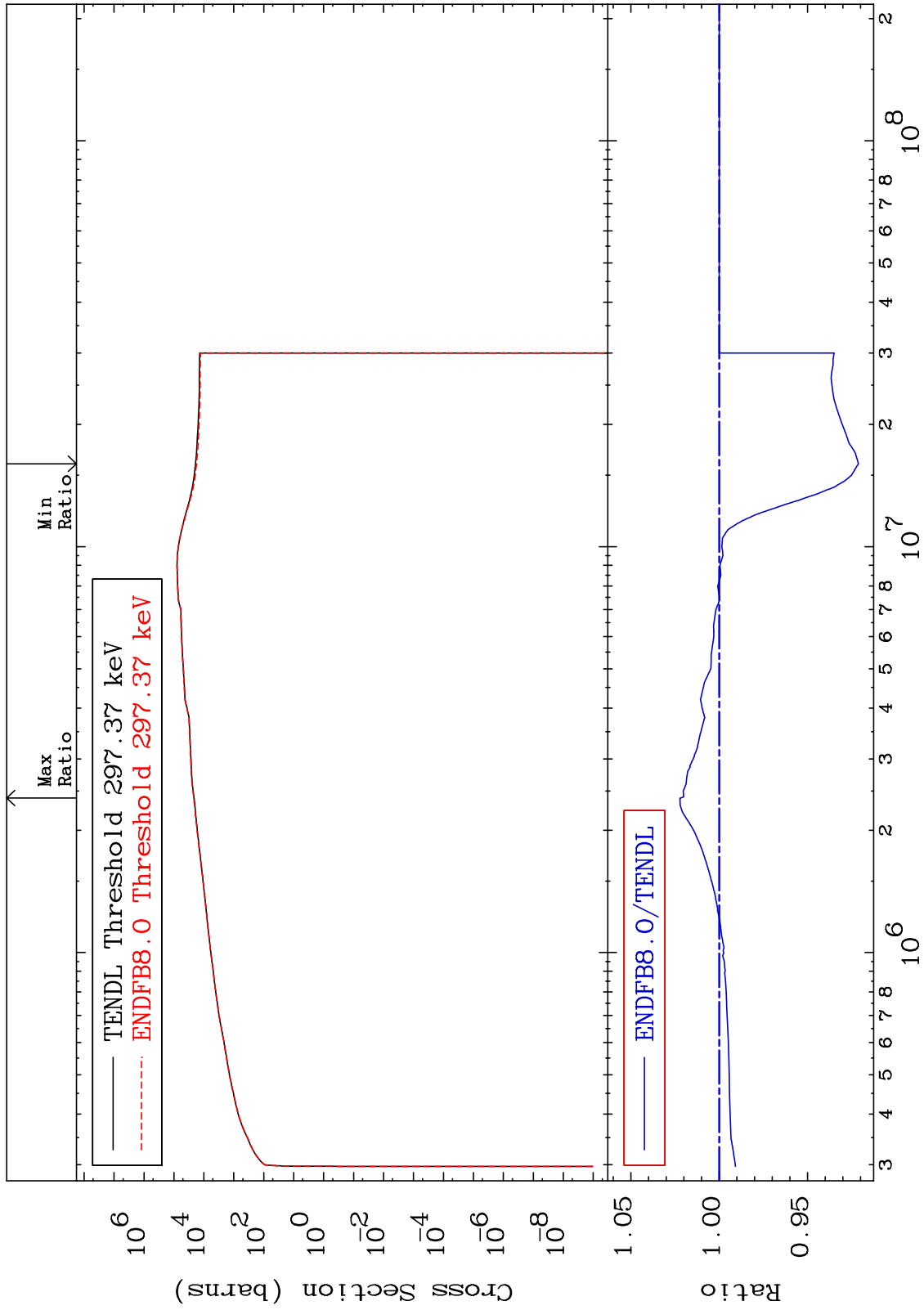
Incident Energy (eV)

78-Pt-190

MAT 7825

Dpa inelastic (mt51-91)
Cross Section

78-Pt-190
-7.876 To 2.216 %



75

Incident Energy (eV)

78-Pt-190

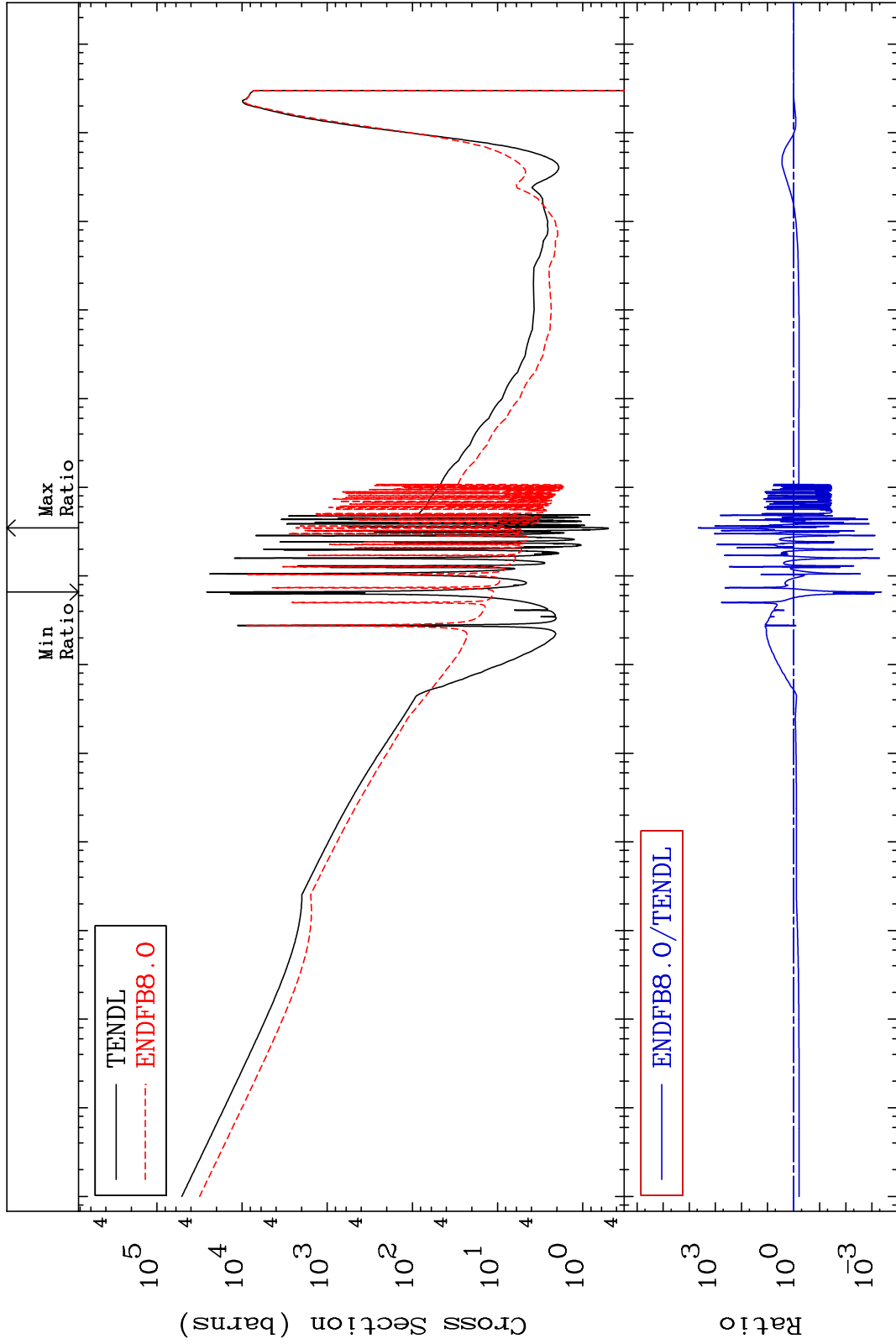
MAT 7825

Dpa disappearance (mt102 -120)

78-Pt-190

-99.96 To 9999. %

Cross Section



76

Incident Energy (eV)

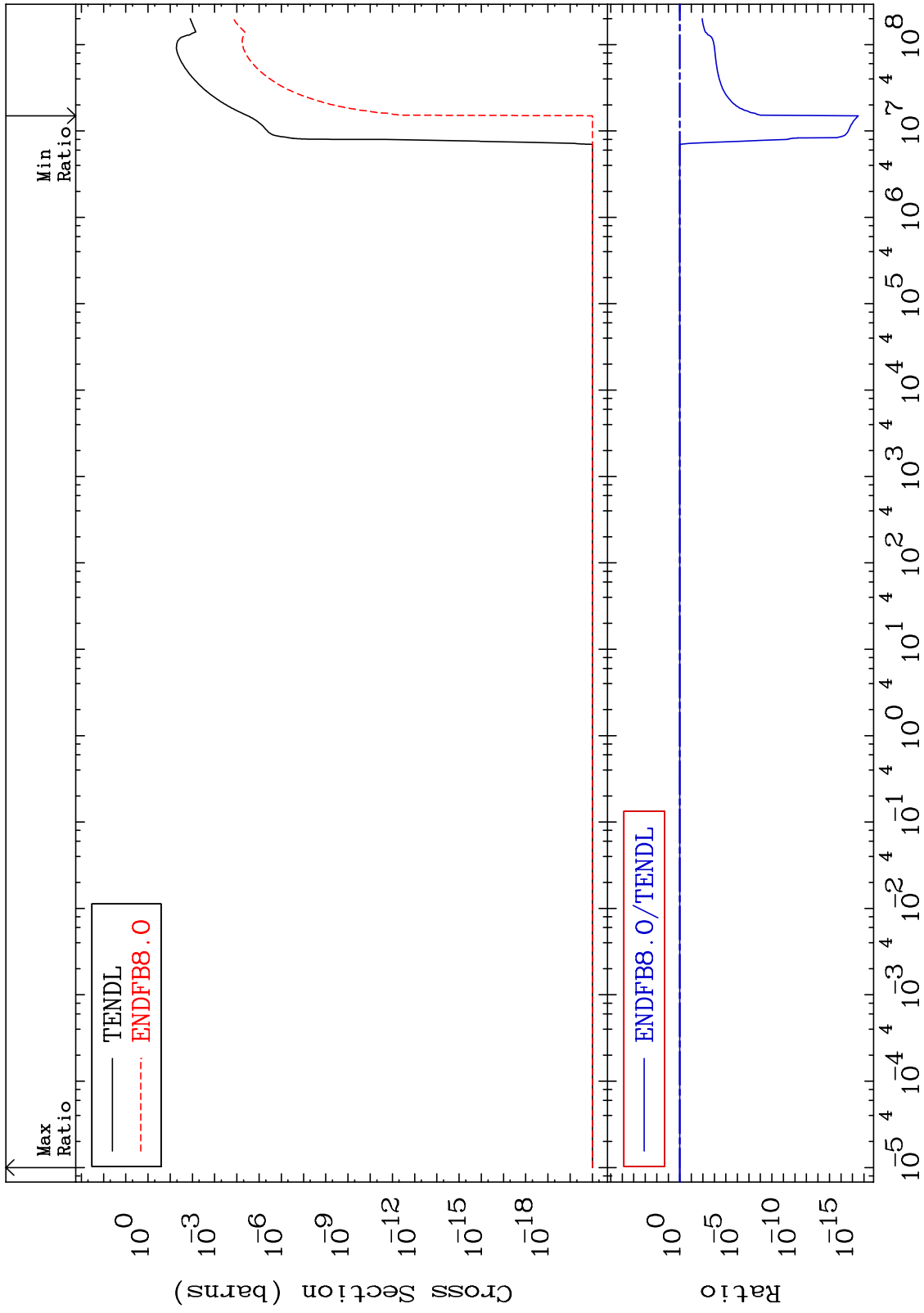
78-Pt-190

MAT 7825

Fission: 0-?-?-Nat

78-Pt-190

Radionuclide Production Cross Section -100.0 To 0.000 %



77

Incident Energy (eV)

78-Pt-190

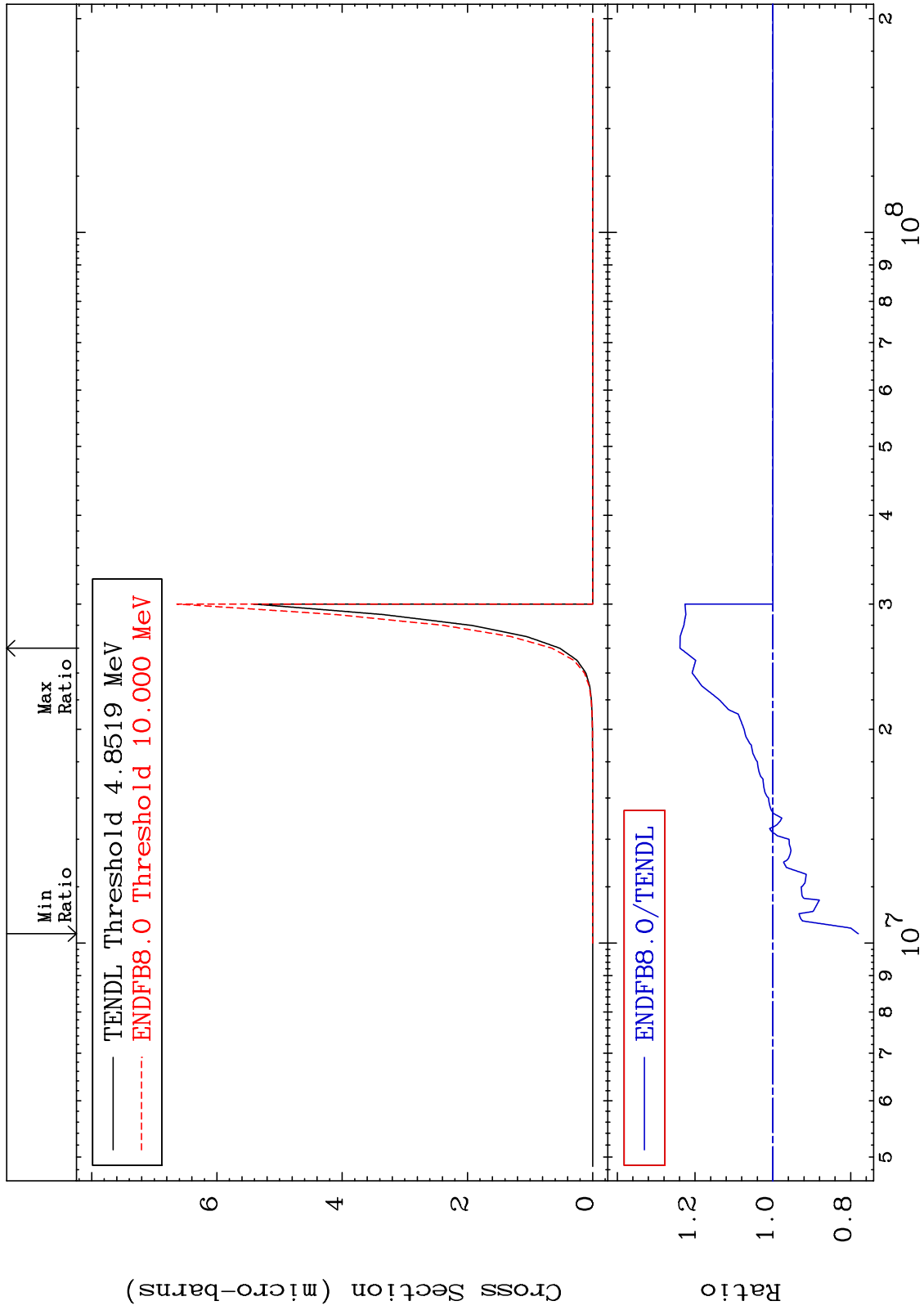
MAT 7825

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

78-Pt-190

Radionuclide Production Cross Section

-21.99 To 23.87 %

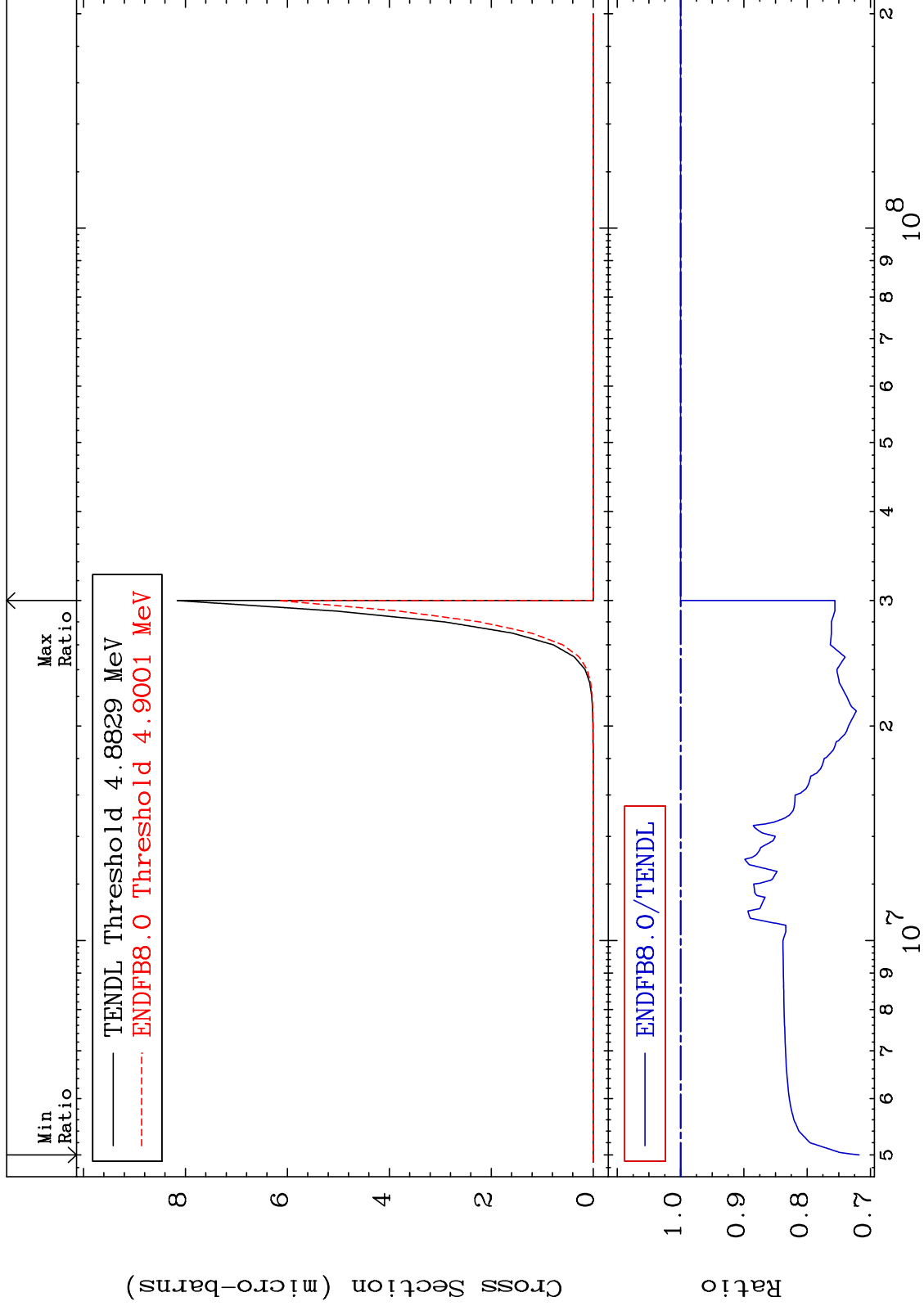


MAT 7825

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

78-Pt-190

Radionuclide Production Cross Section -28.22 To 0.000 %



79

Incident Energy (eV)

78-Pt-190