Program EVALPLOT
(Version 2021-1)
by
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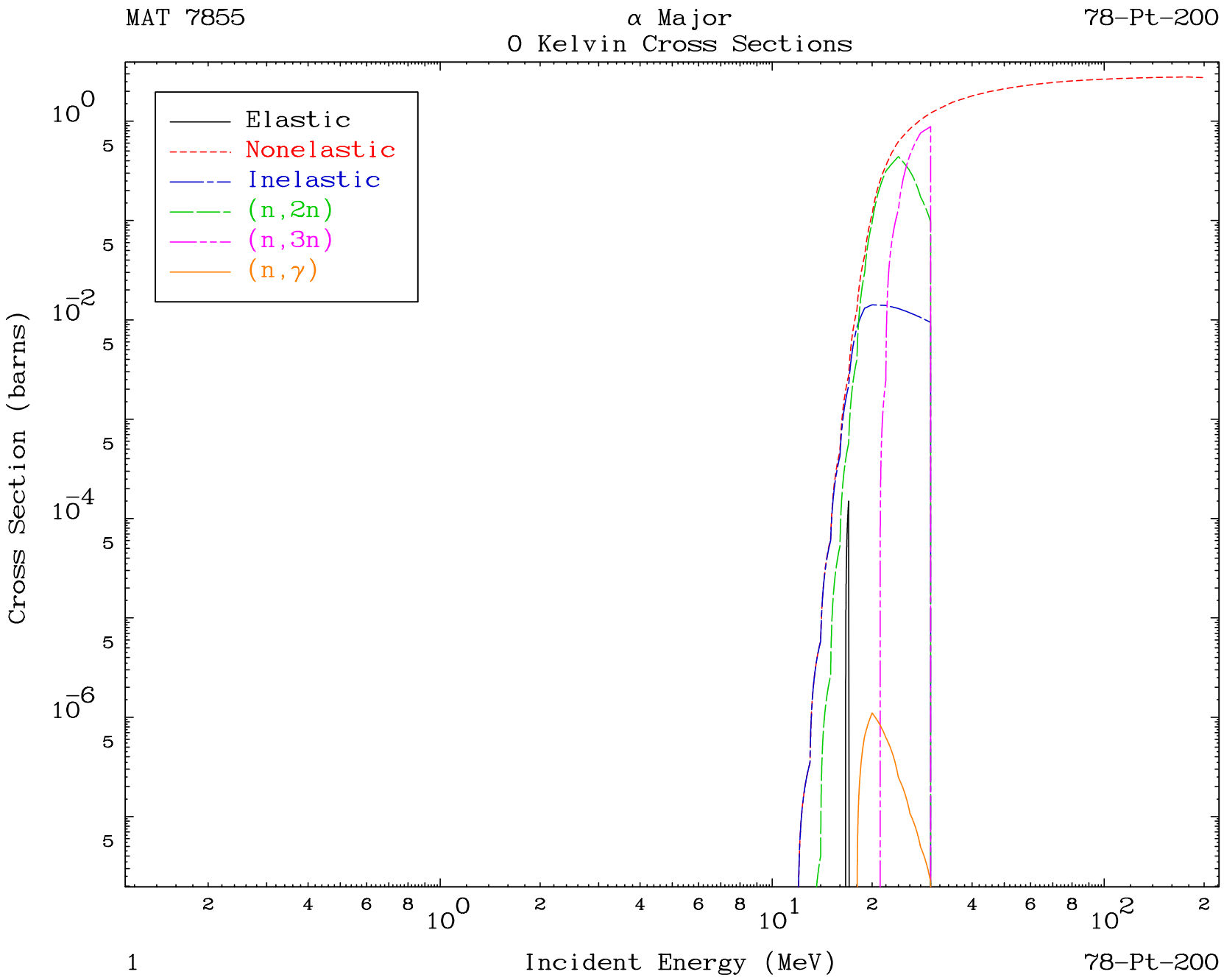
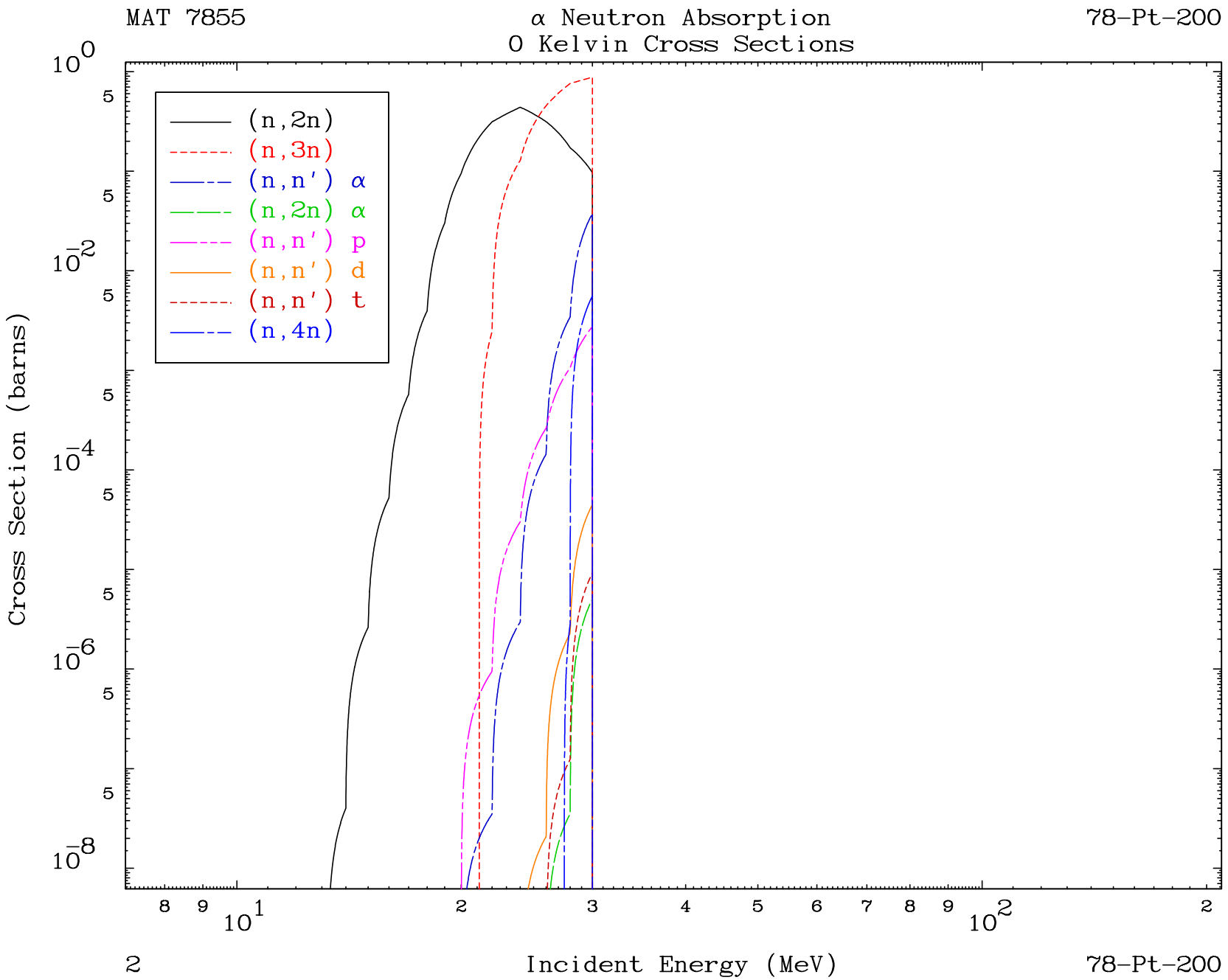
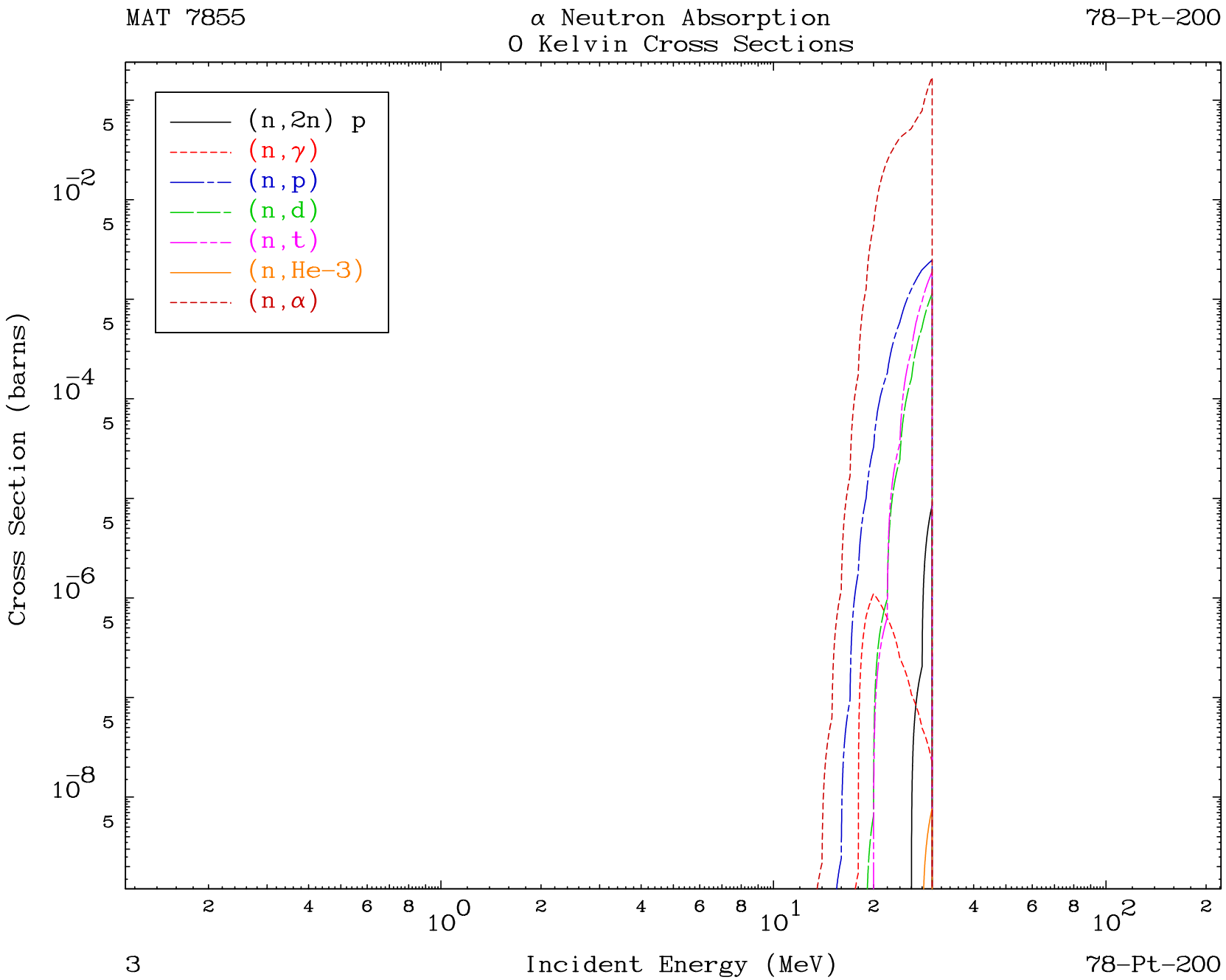
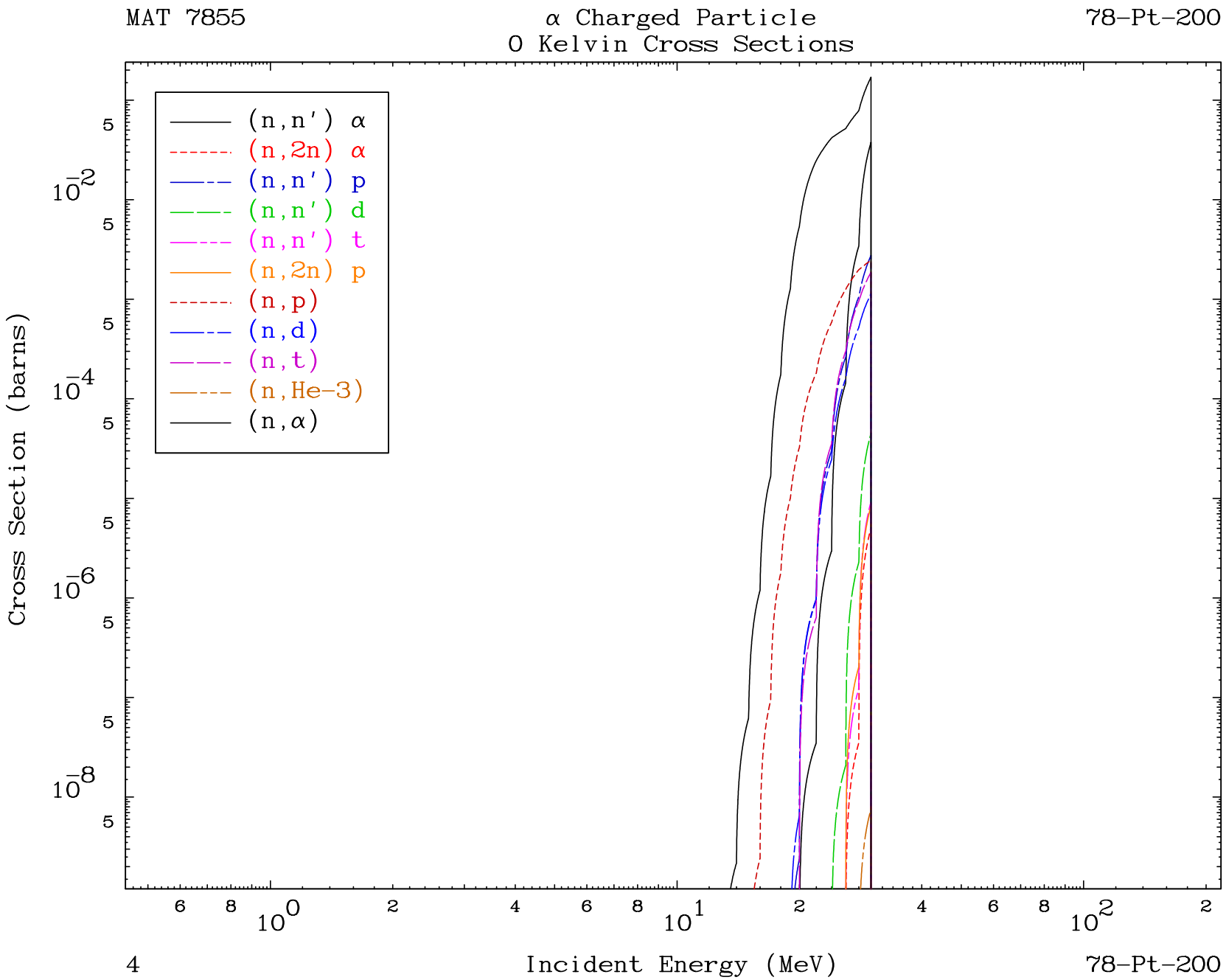
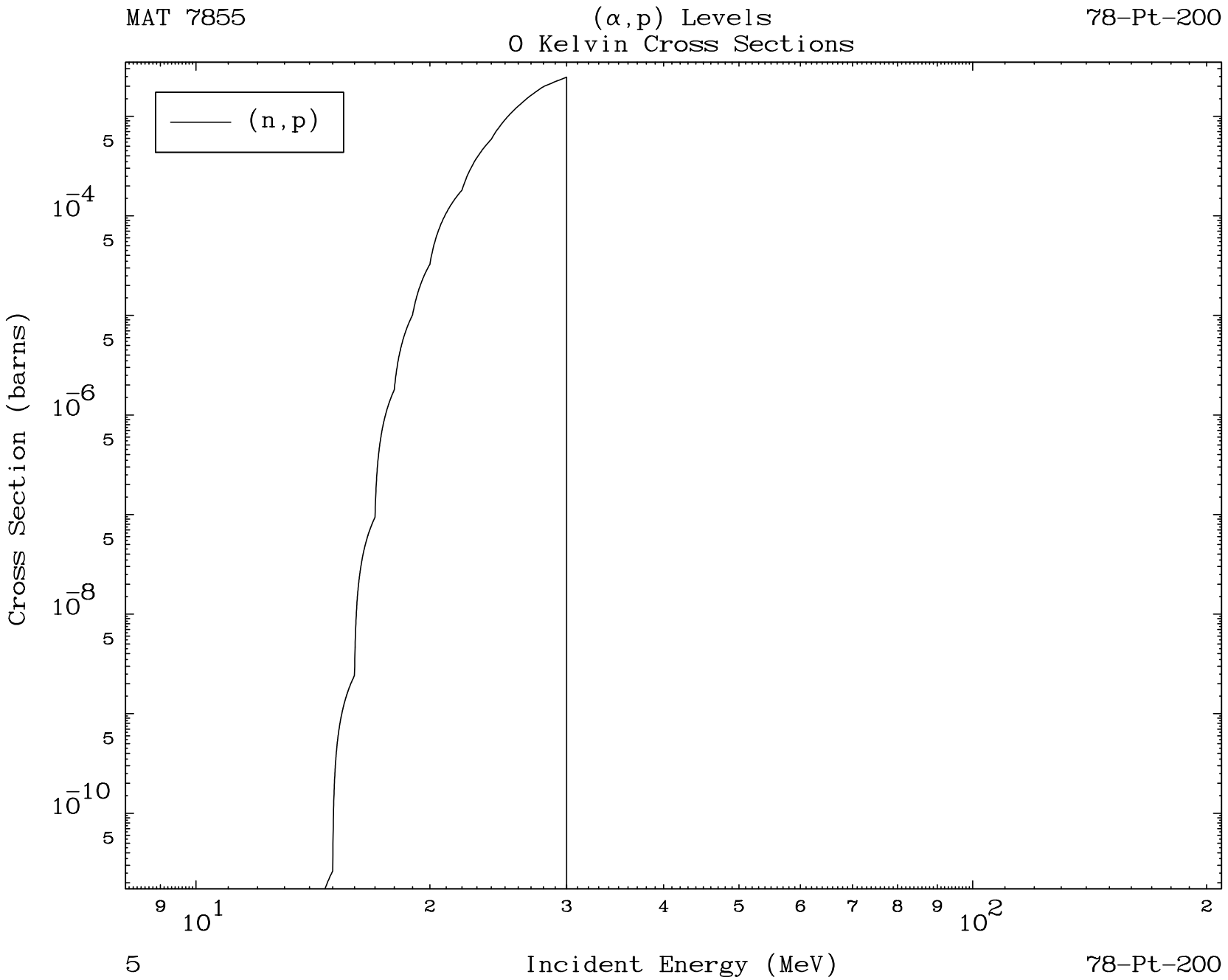
Press Mouse Button to Start

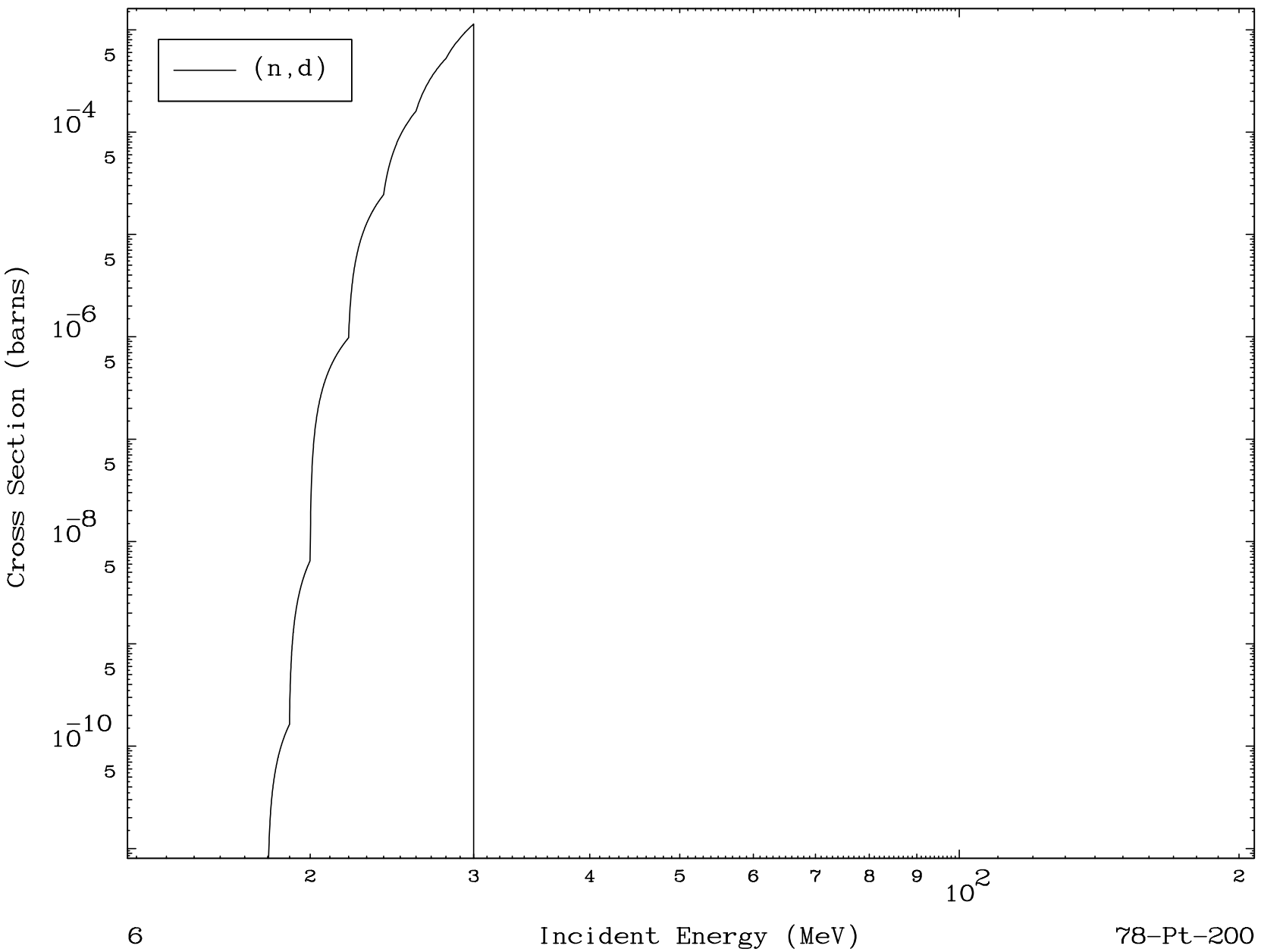

MAT 7855
α Major
78-Pt-200
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-200

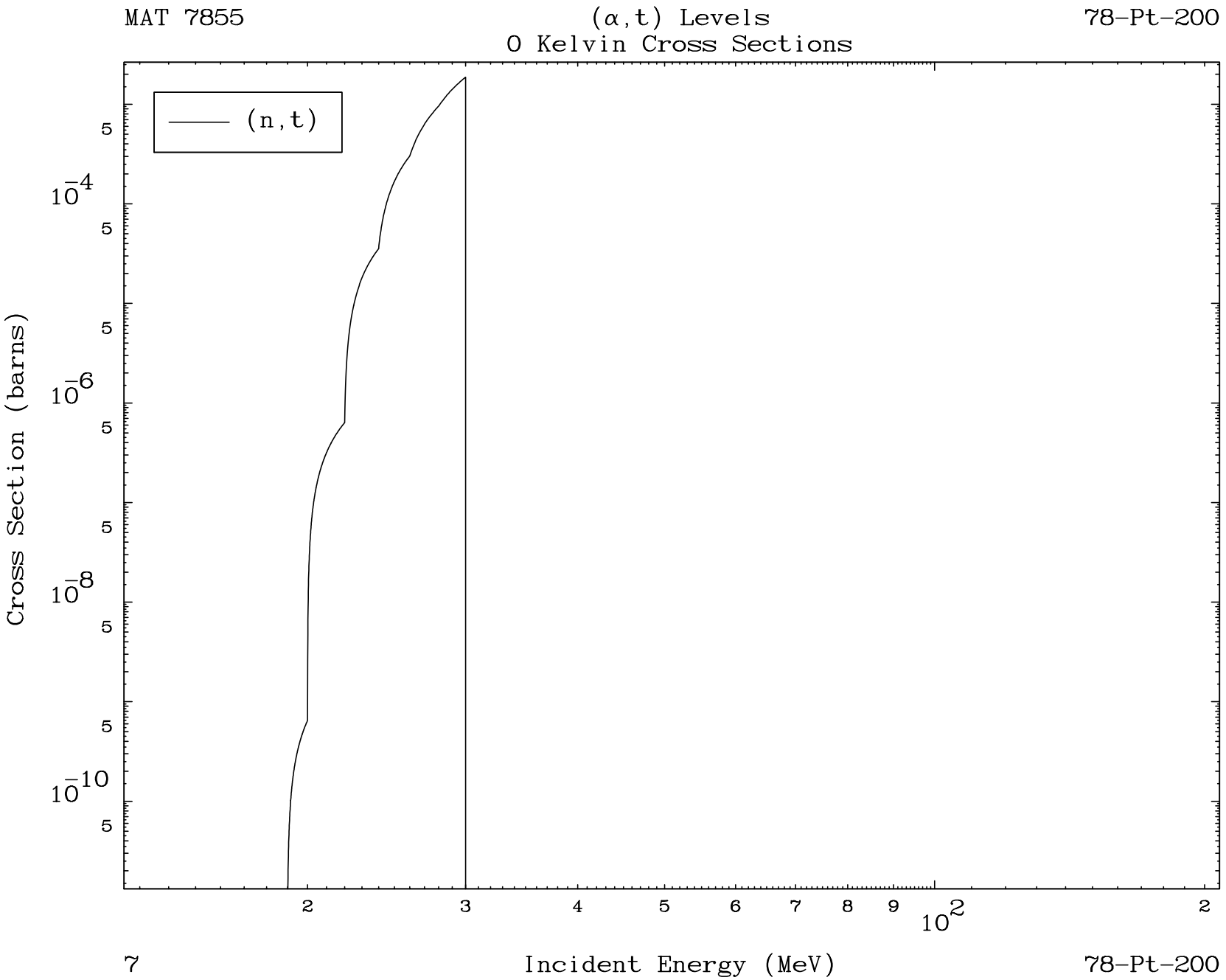

MAT 7855
α Neutron Absorption
0 Kelvin Cross Sections
78-Pt-200
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,4n)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-200
2

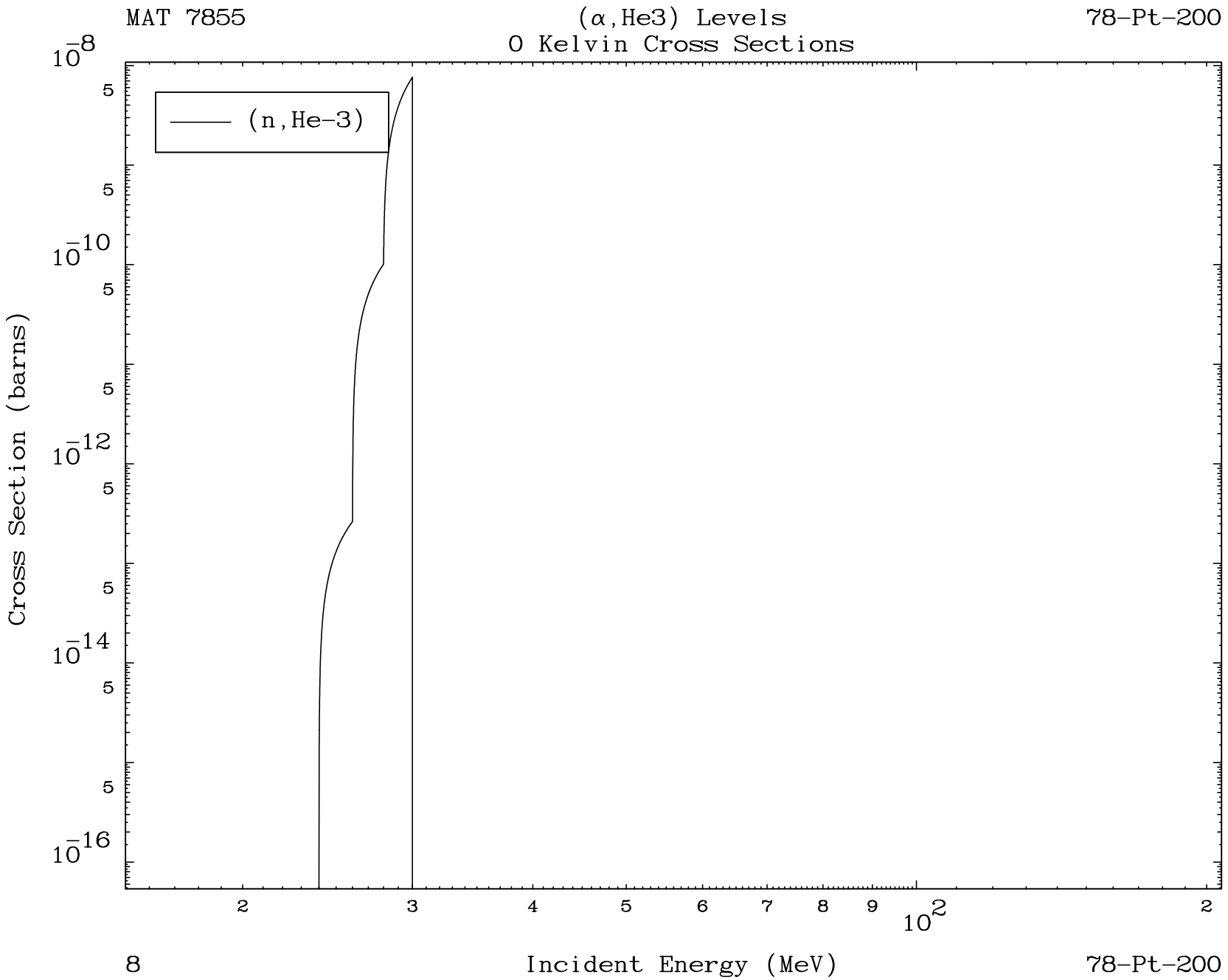

MAT 7855
α Neutron Absorption
0 Kelvin Cross Sections
78-Pt-200
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
78-Pt-200

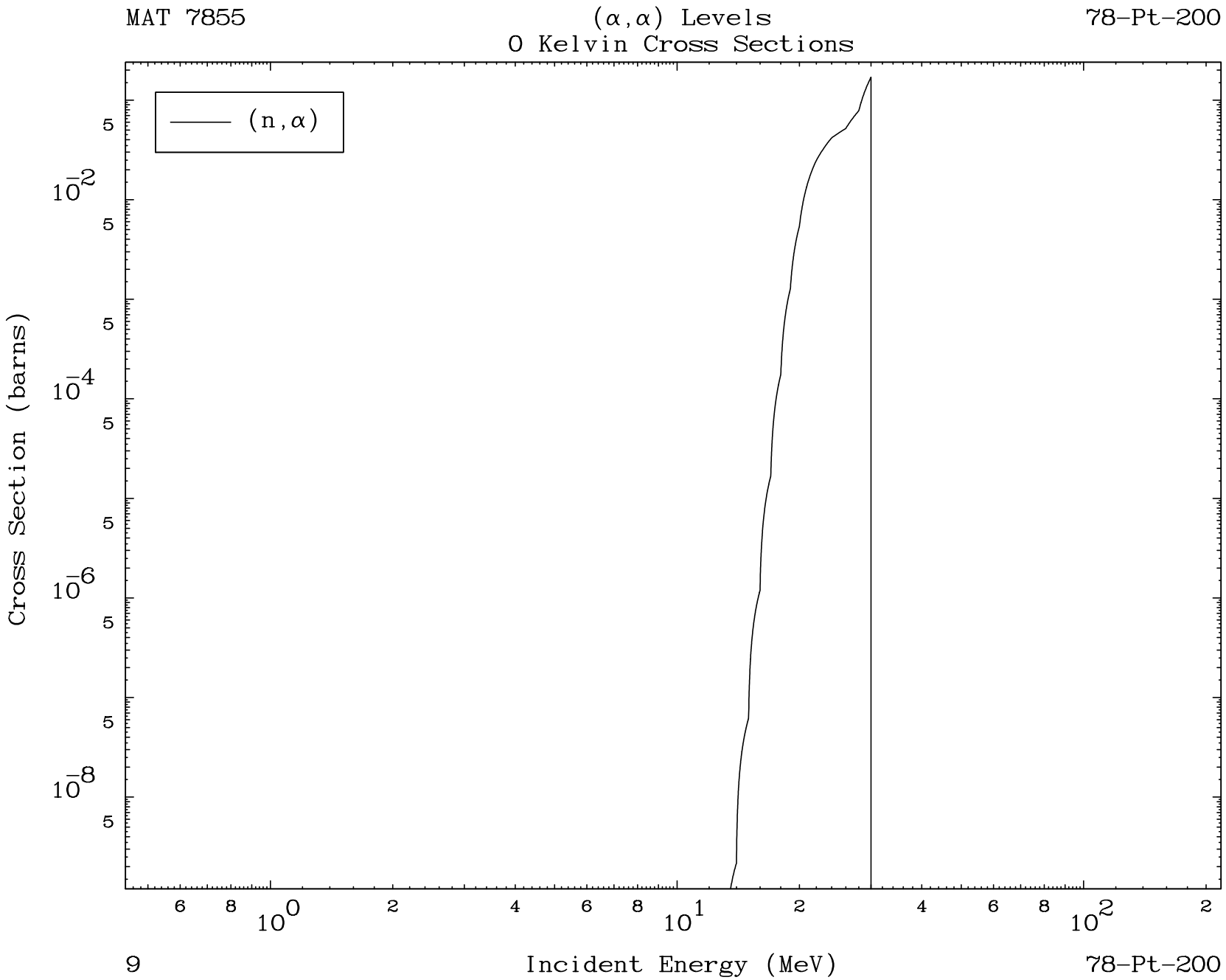

MAT 7855
α Charged Particle
0 Kelvin Cross Sections
78-Pt-200
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
4
78-Pt-200

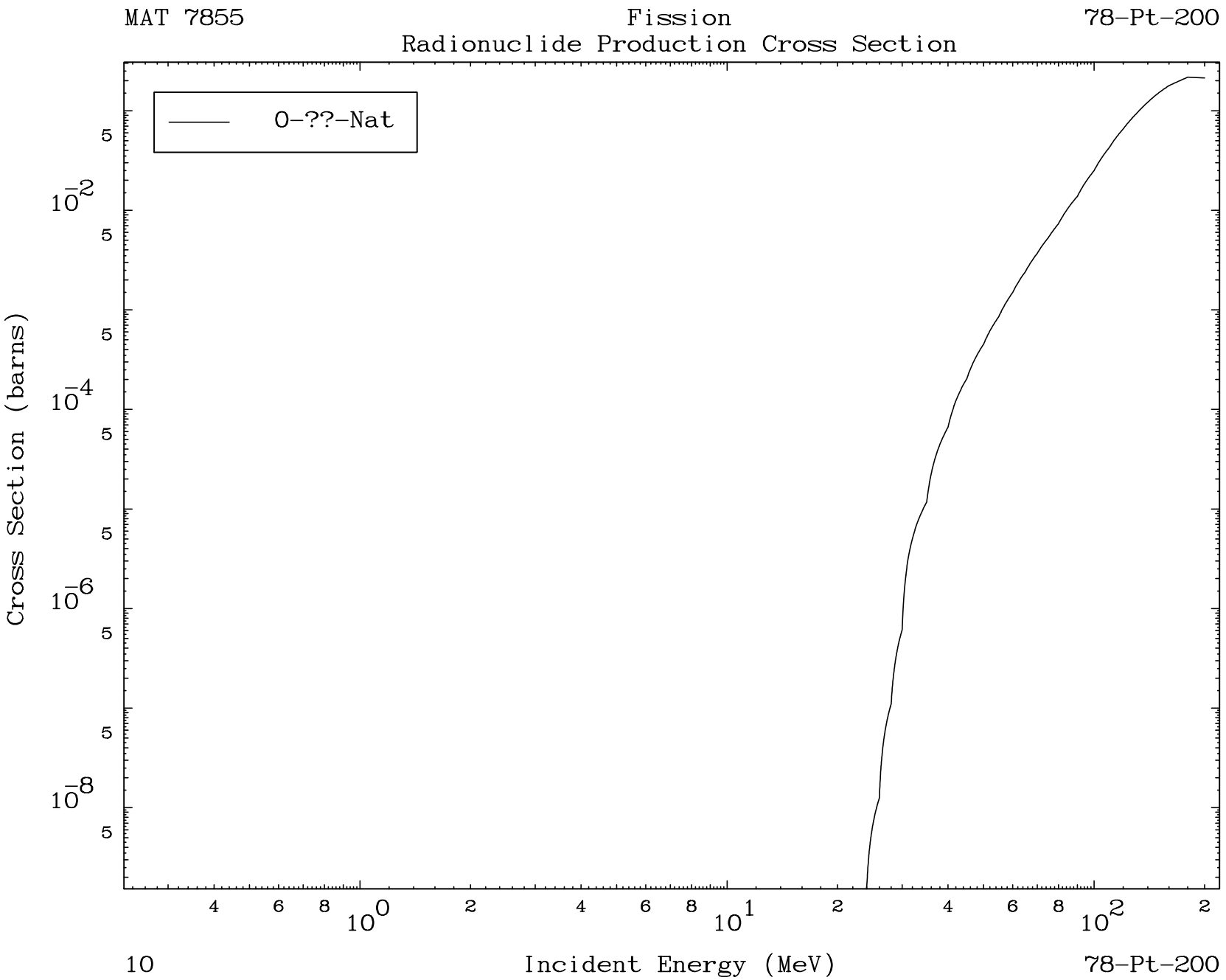

MAT 7855
(α,p) Levels
78-Pt-200
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
78-Pt-200

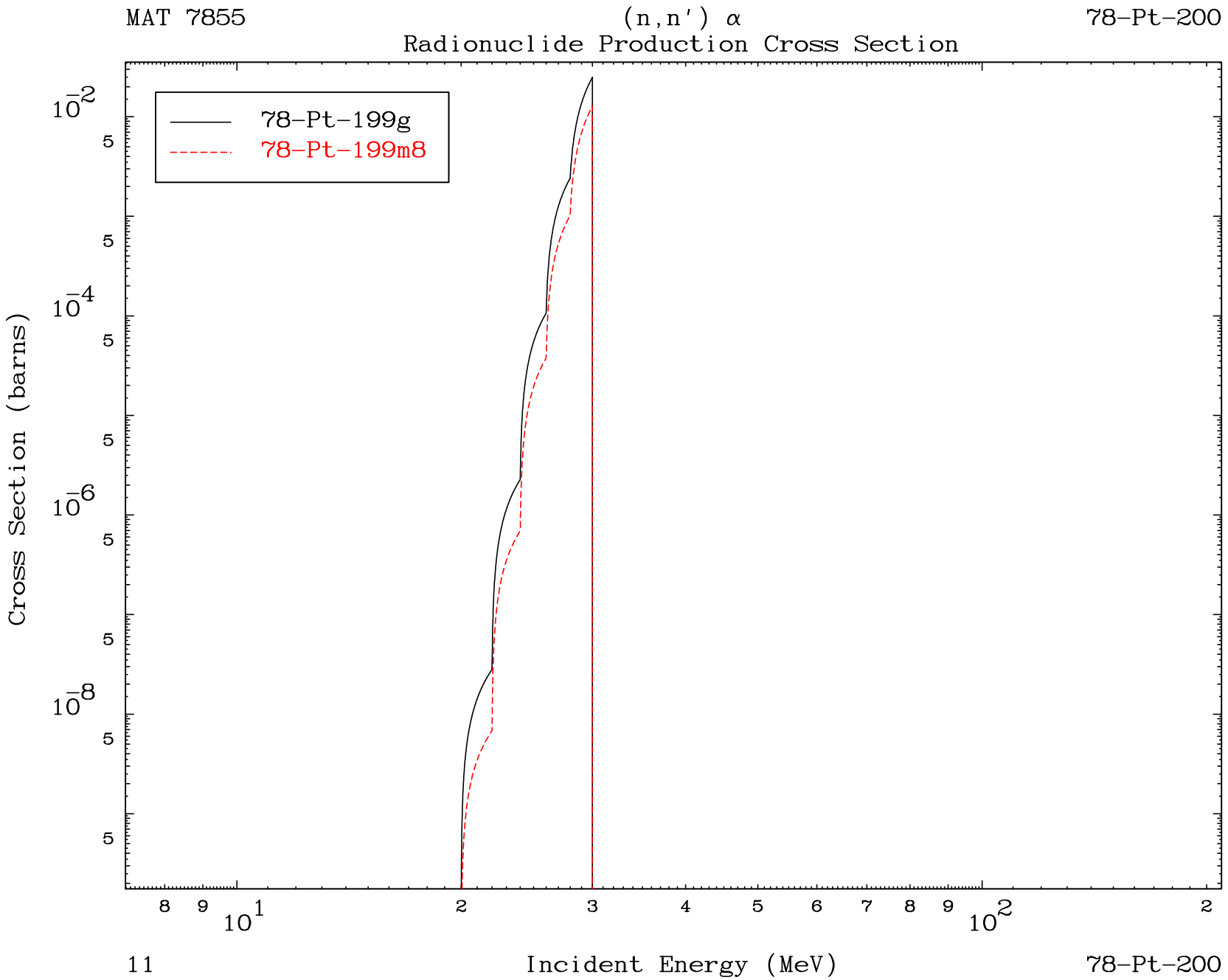

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

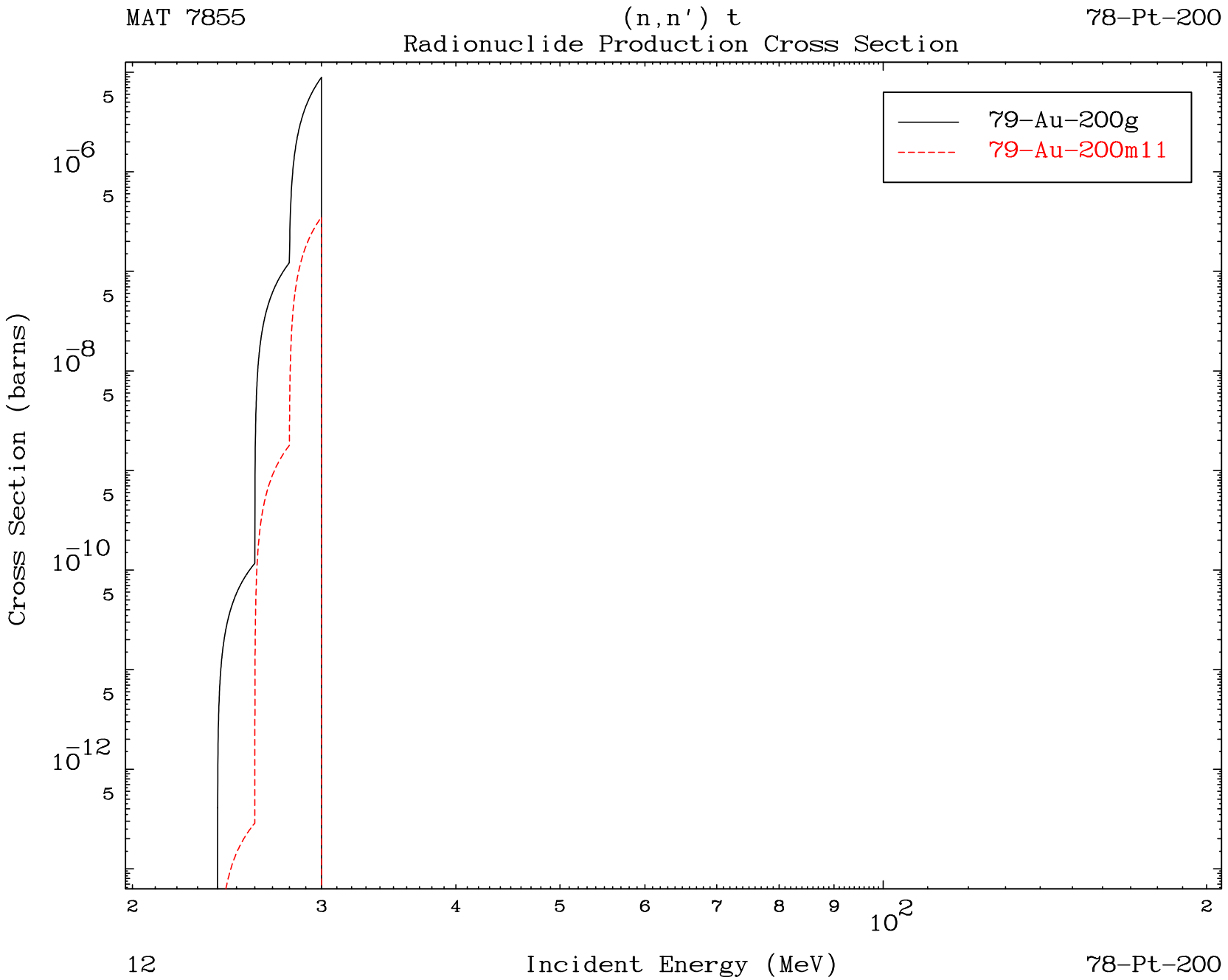

MAT 7855
(α,t) Levels
78-Pt-200
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
78-Pt-200


MAT 7855
(α,He3) Levels
78-Pt-200
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
8
78-Pt-200


MAT 7855
(α,α) Levels
78-Pt-200
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
9
78-Pt-200


MAT 7855
Fission
78-Pt-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
10
Incident Energy (MeV)
78-Pt-200


MAT 7855
(n,n') α
78-Pt-200
Radionuclide Production Cross Section
78-Pt-199g
78-Pt-199m8
Cross Section (barns)
10-2
10-4
10-6
10-8
5
8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
11
Incident Energy (MeV)
78-Pt-200


MAT 7855
(n,n') t
78-Pt-200
Radionuclide Production Cross Section
79-Au-200g
79-Au-200m11
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
12
78-Pt-200