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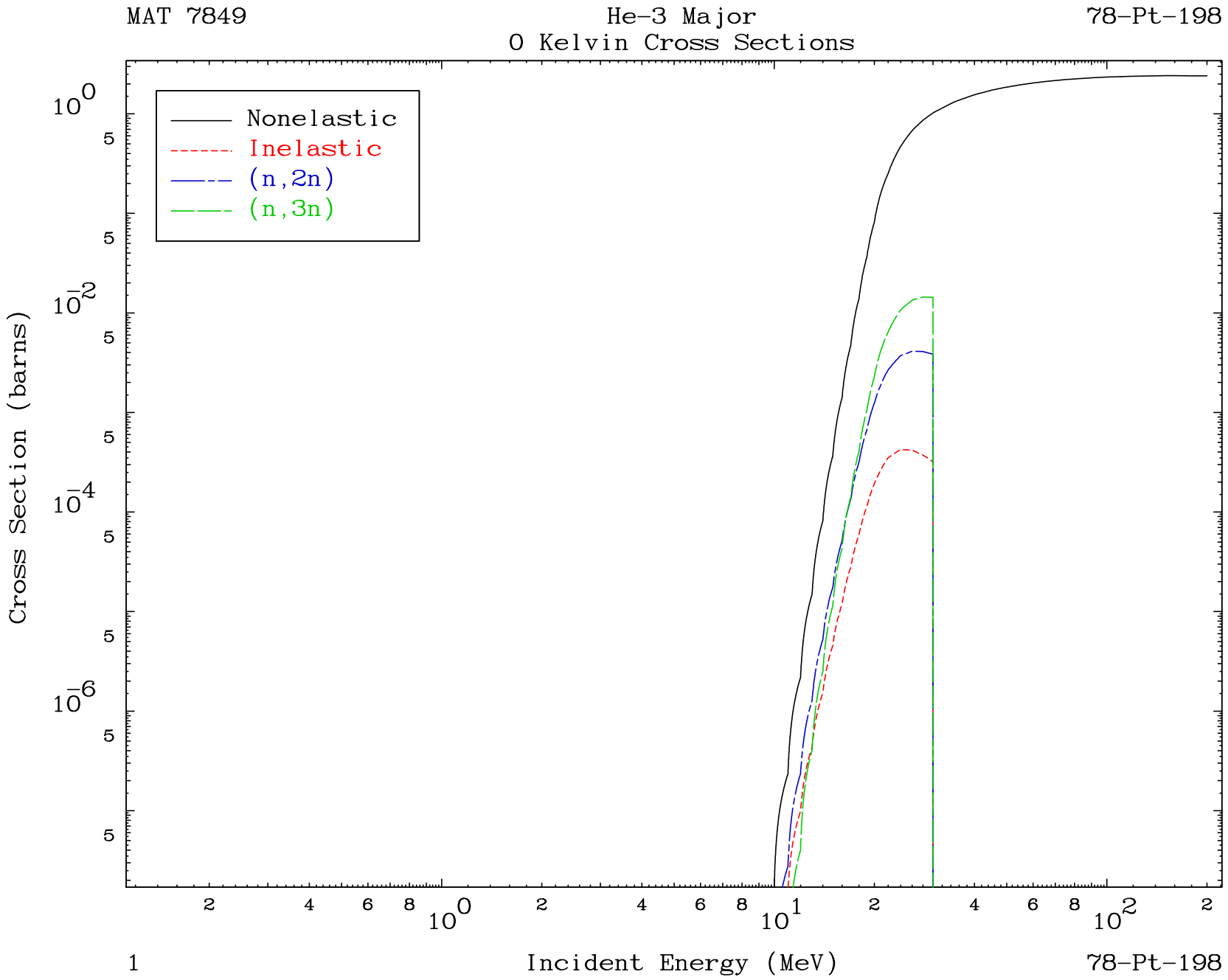
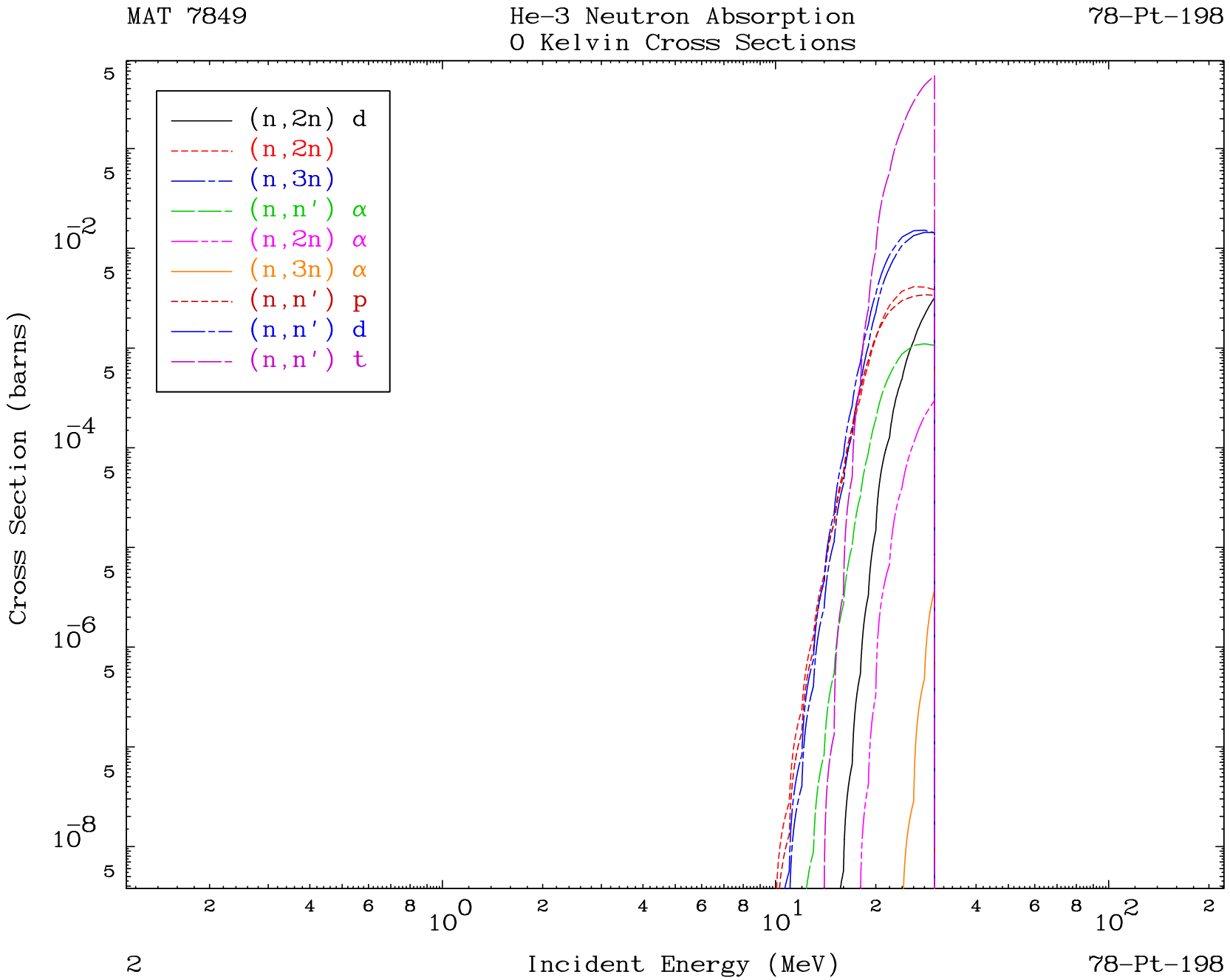
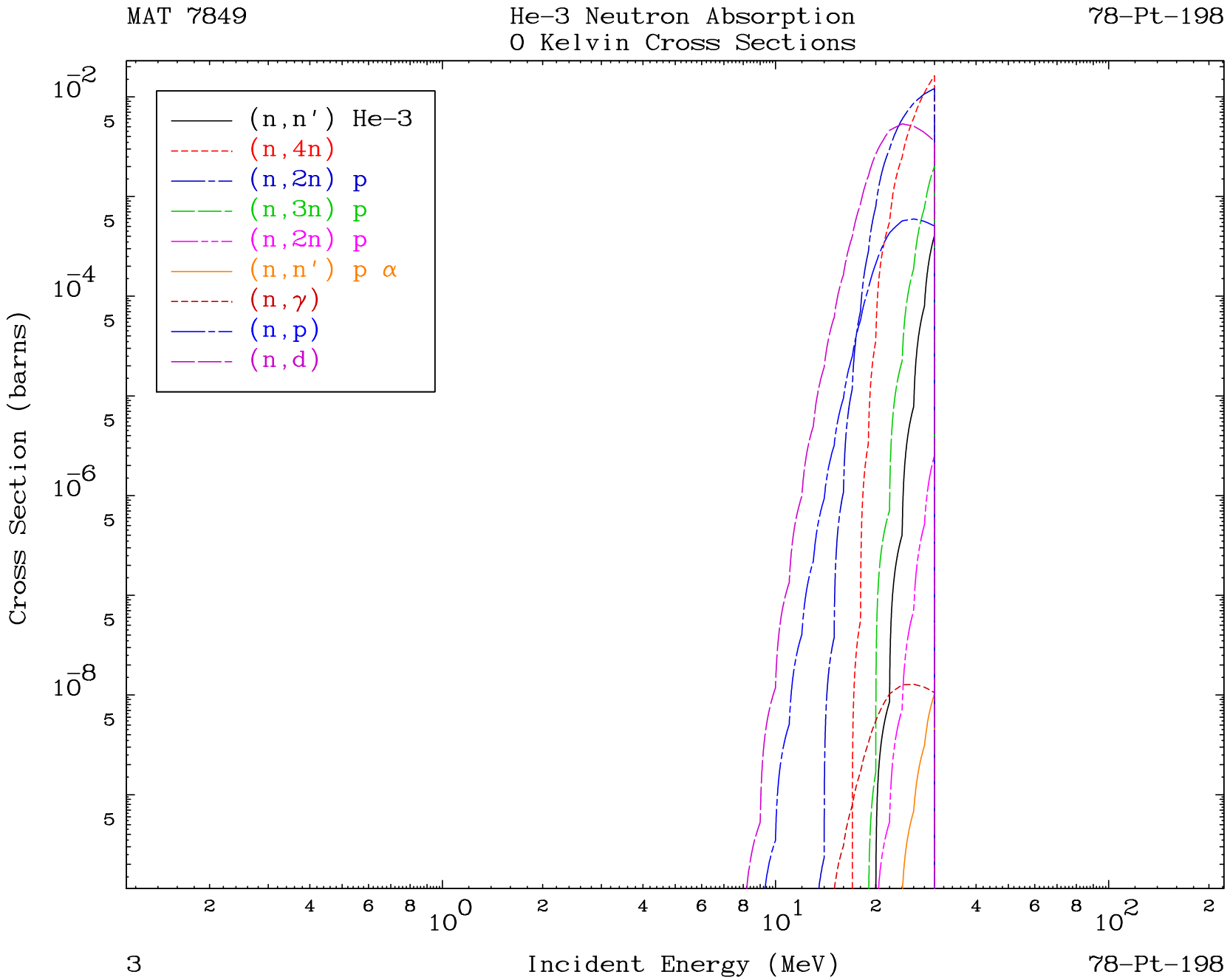
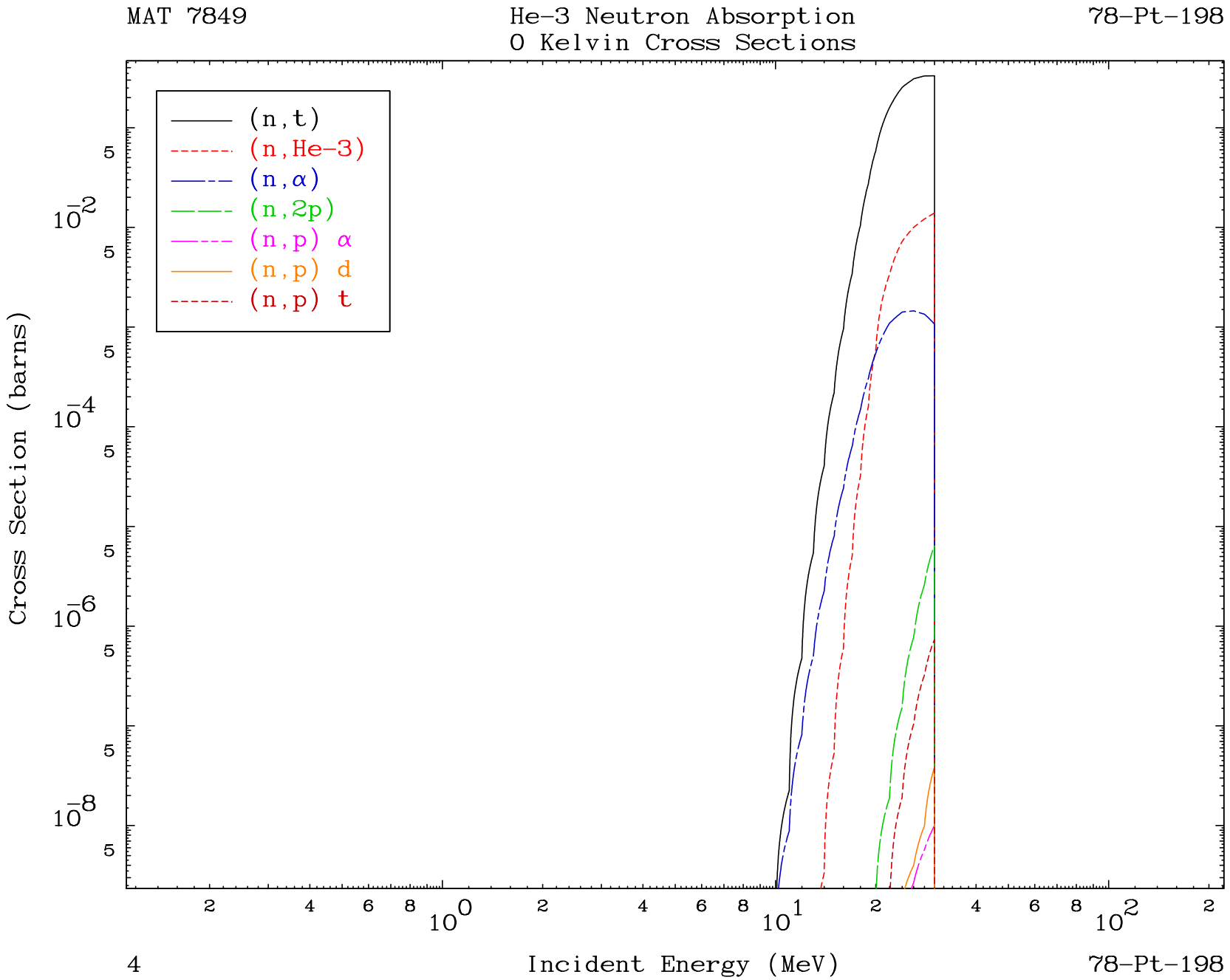
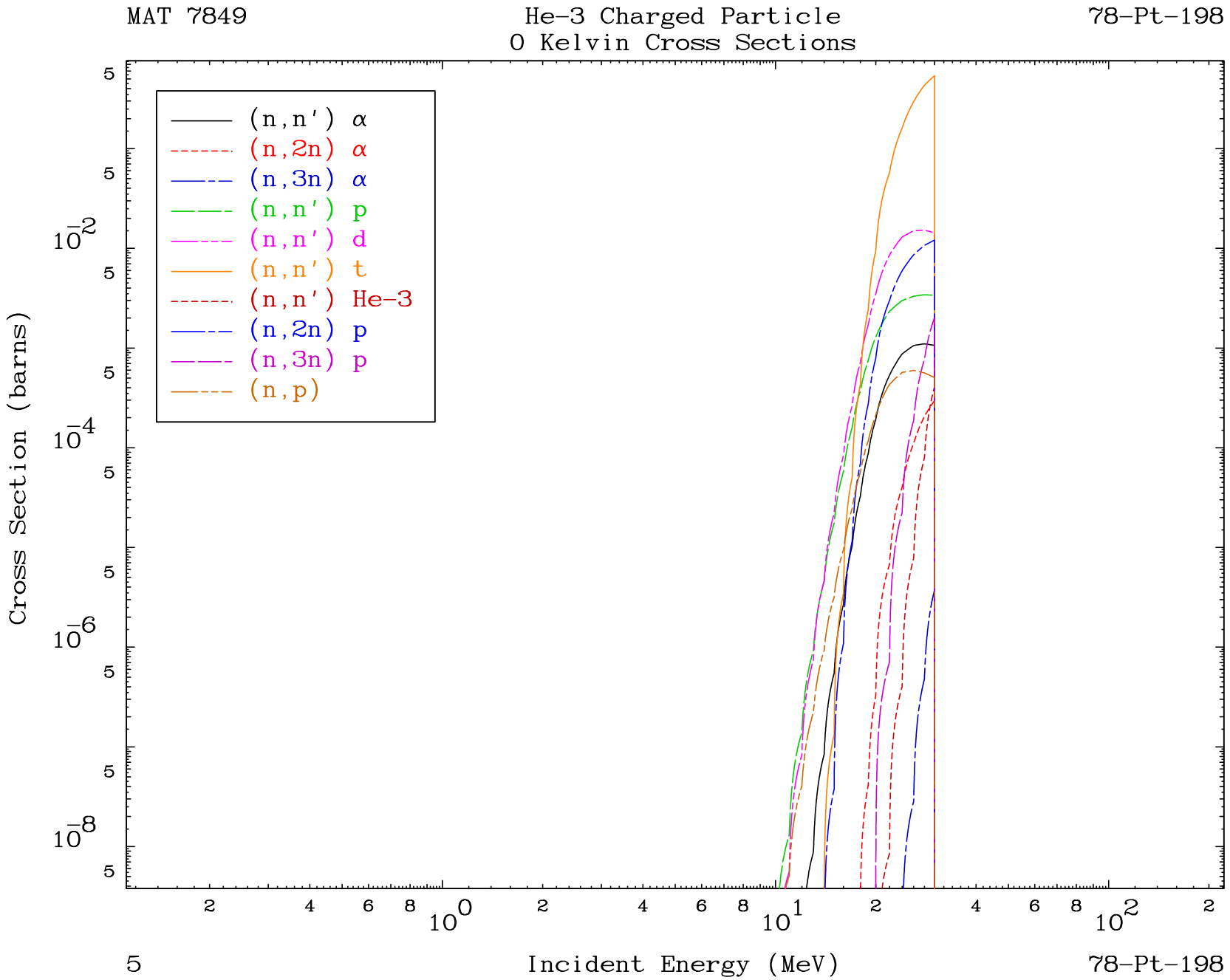
Press Mouse Button to Start

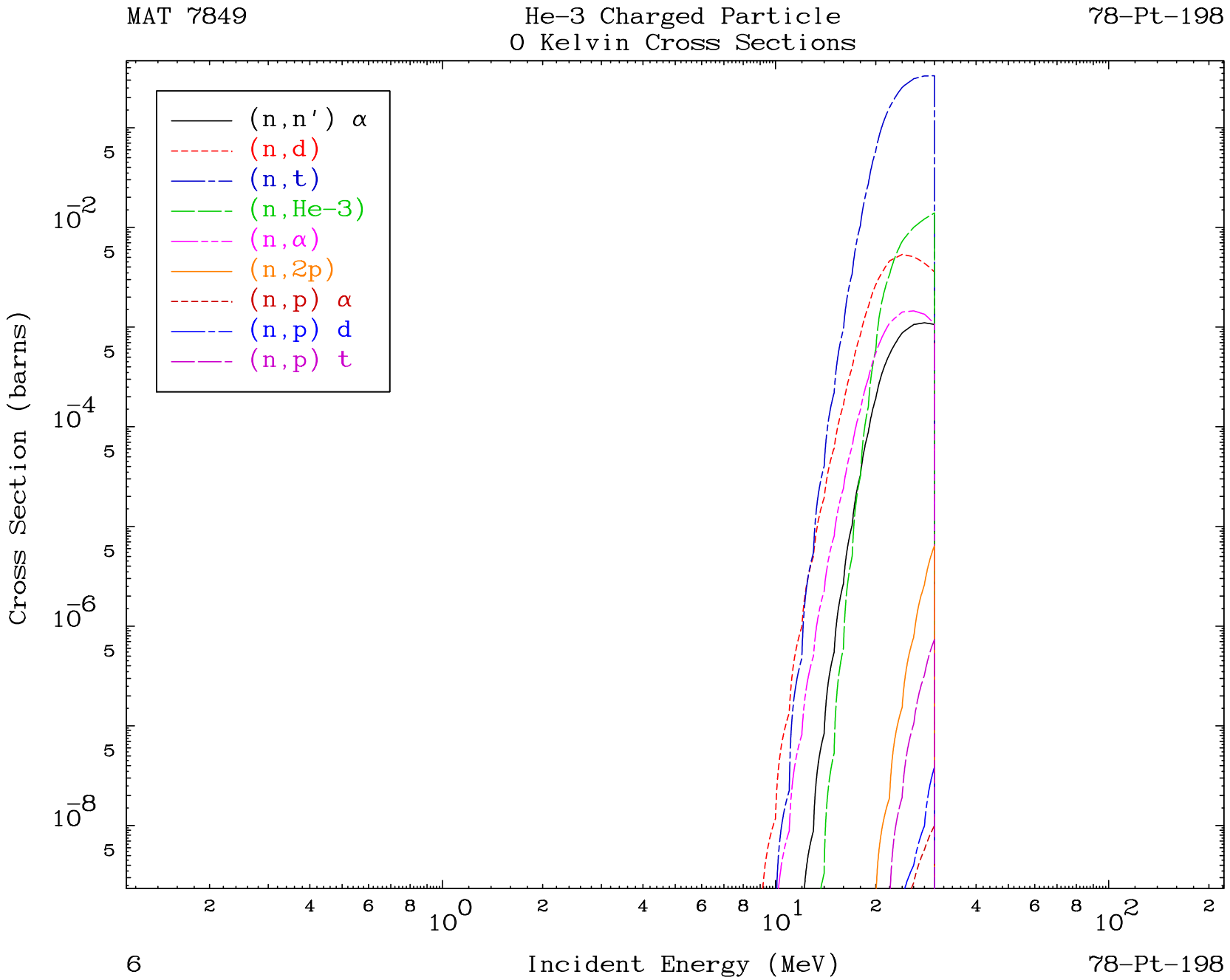

MAT 7849
He-3 Major
78-Pt-198
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

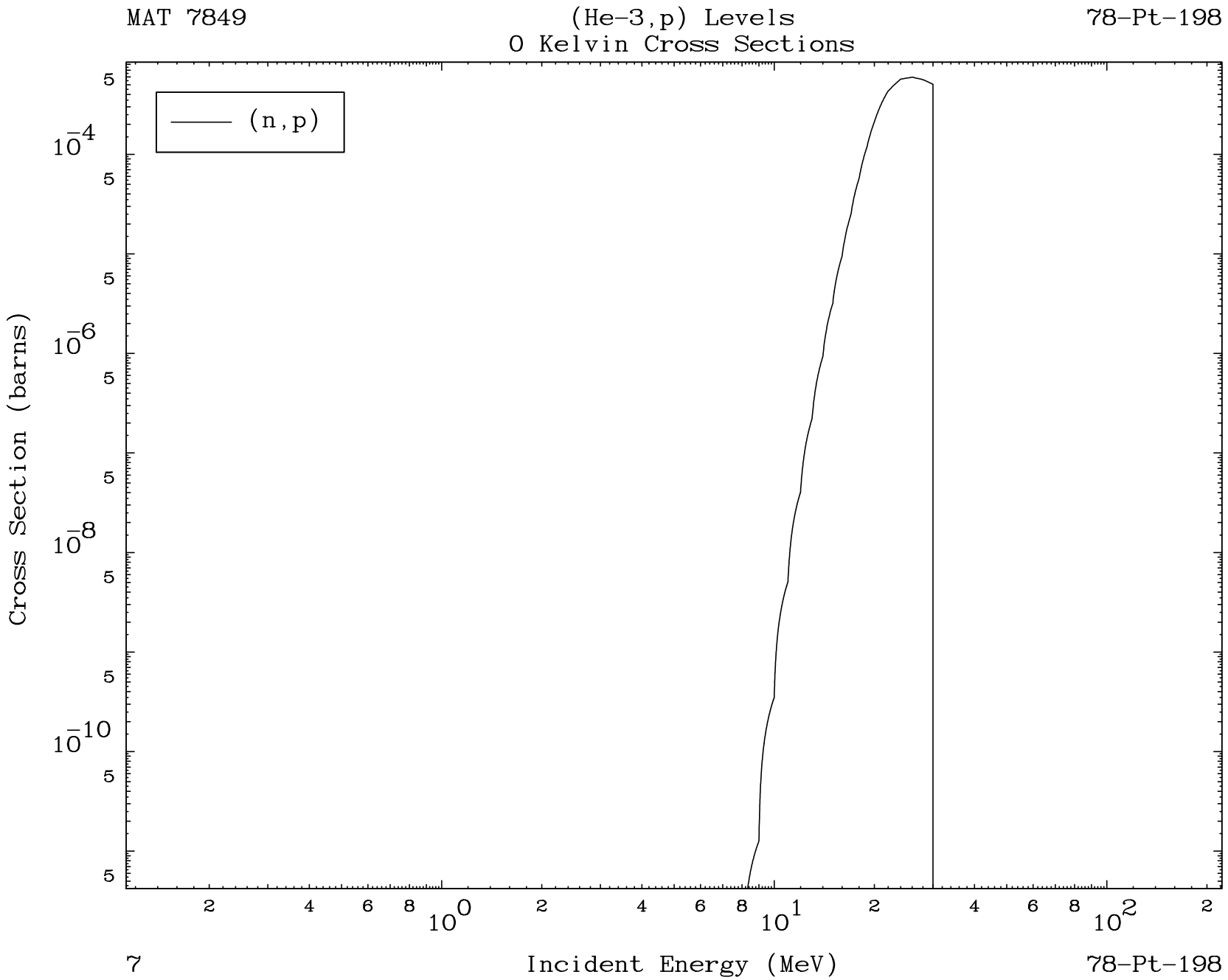

MAT 7849
He-3 Neutron Absorption
0 Kelvin Cross Sections
78-Pt-198
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
2

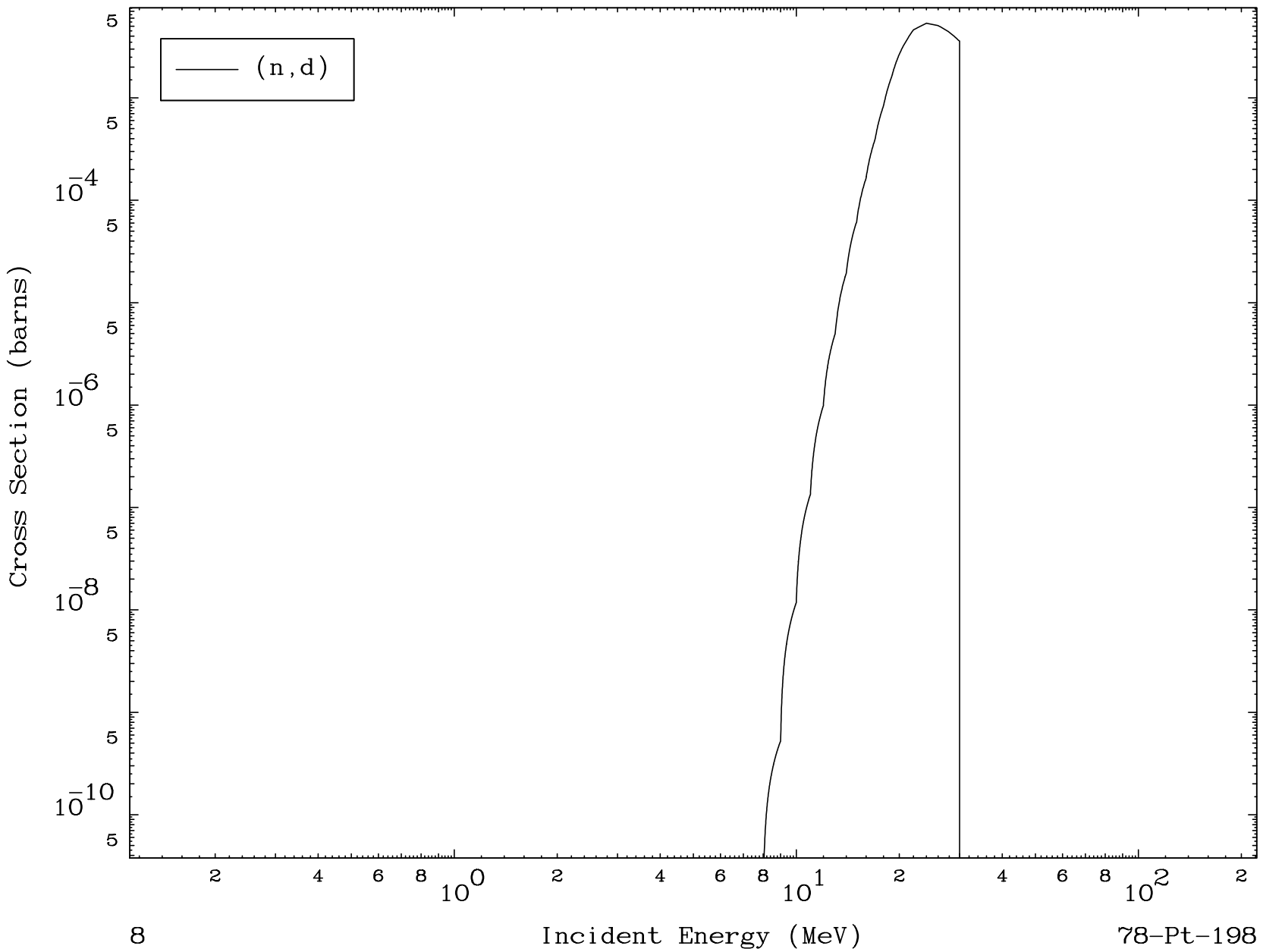

MAT 7849
He-3 Neutron Absorption
0 Kelvin Cross Sections
78-Pt-198
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
78-Pt-198

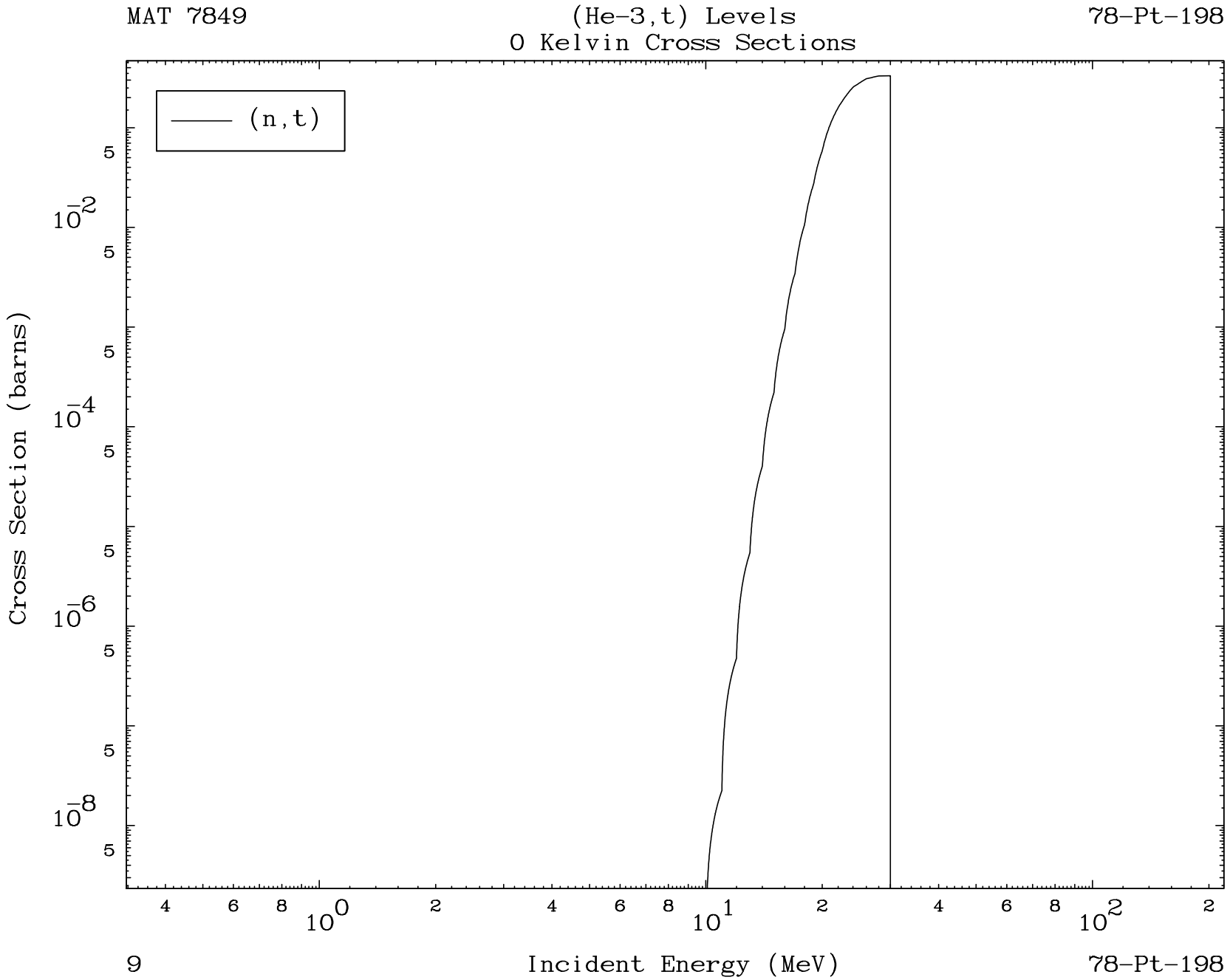

MAT 7849
He-3 Neutron Absorption
0 Kelvin Cross Sections
78-Pt-198
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
4

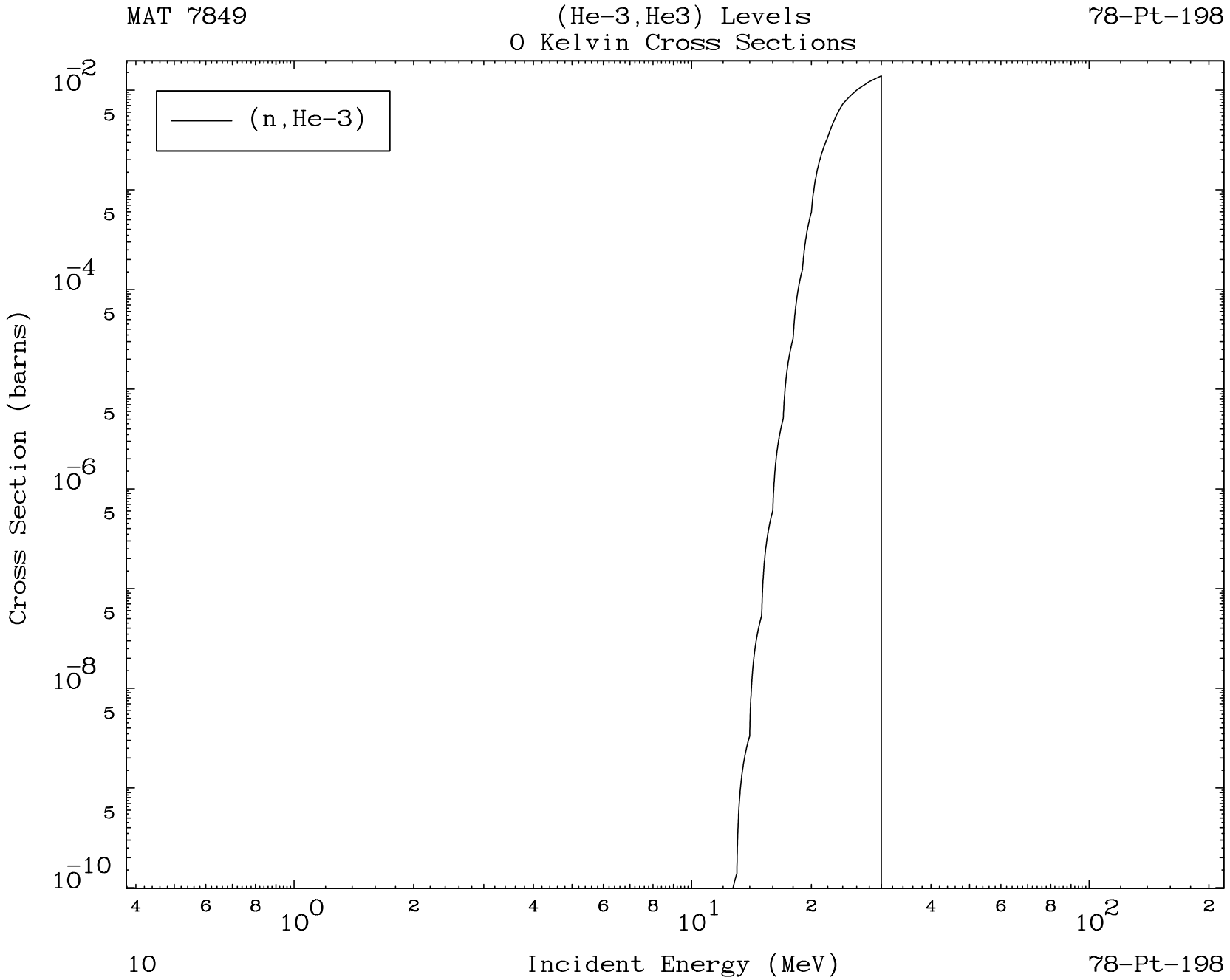

MAT 7849
He-3 Charged Particle
0 Kelvin Cross Sections
78-Pt-198
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

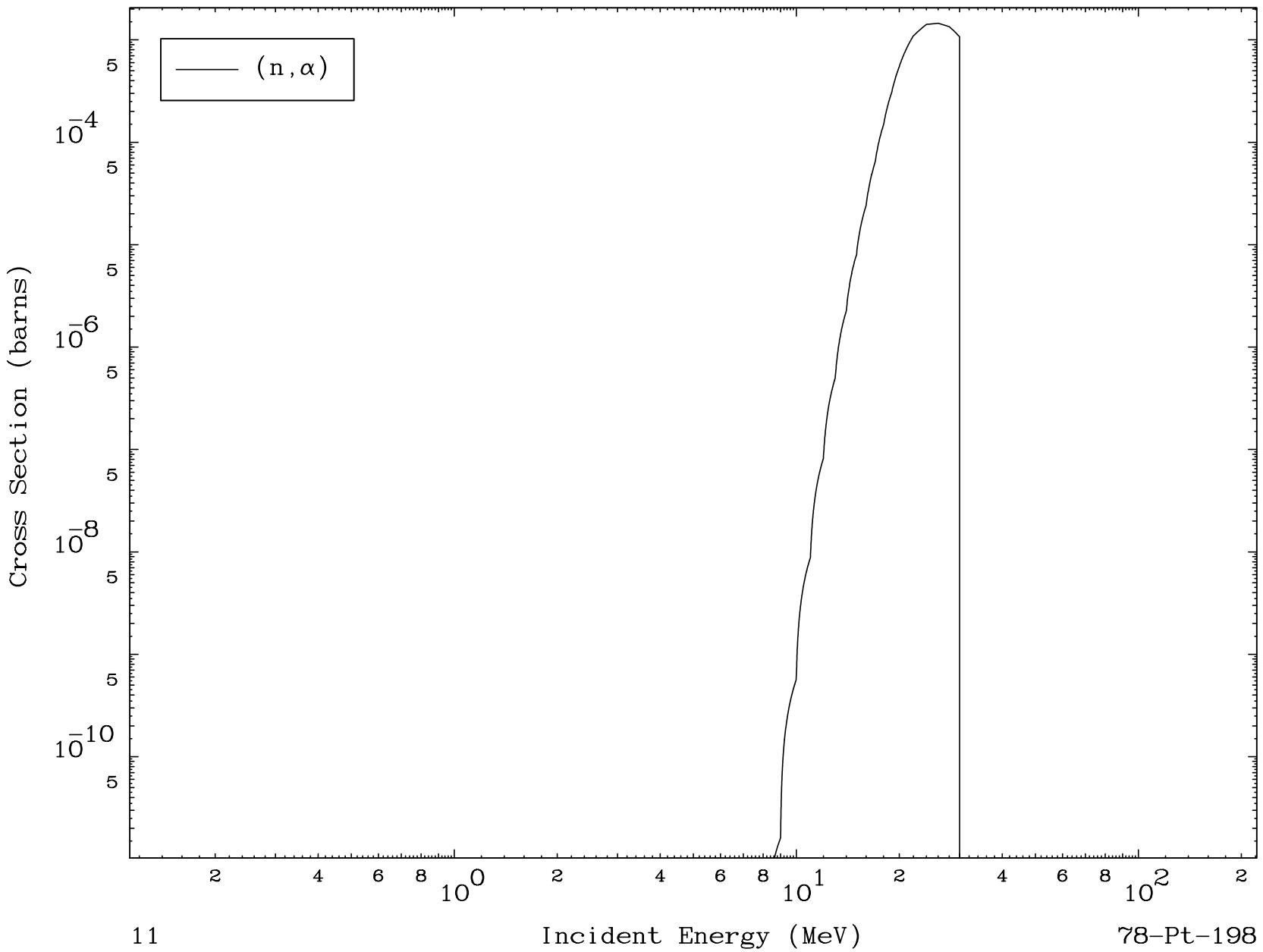

MAT 7849
He-3 Charged Particle
0 Kelvin Cross Sections
78-Pt-198
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
6
78-Pt-198

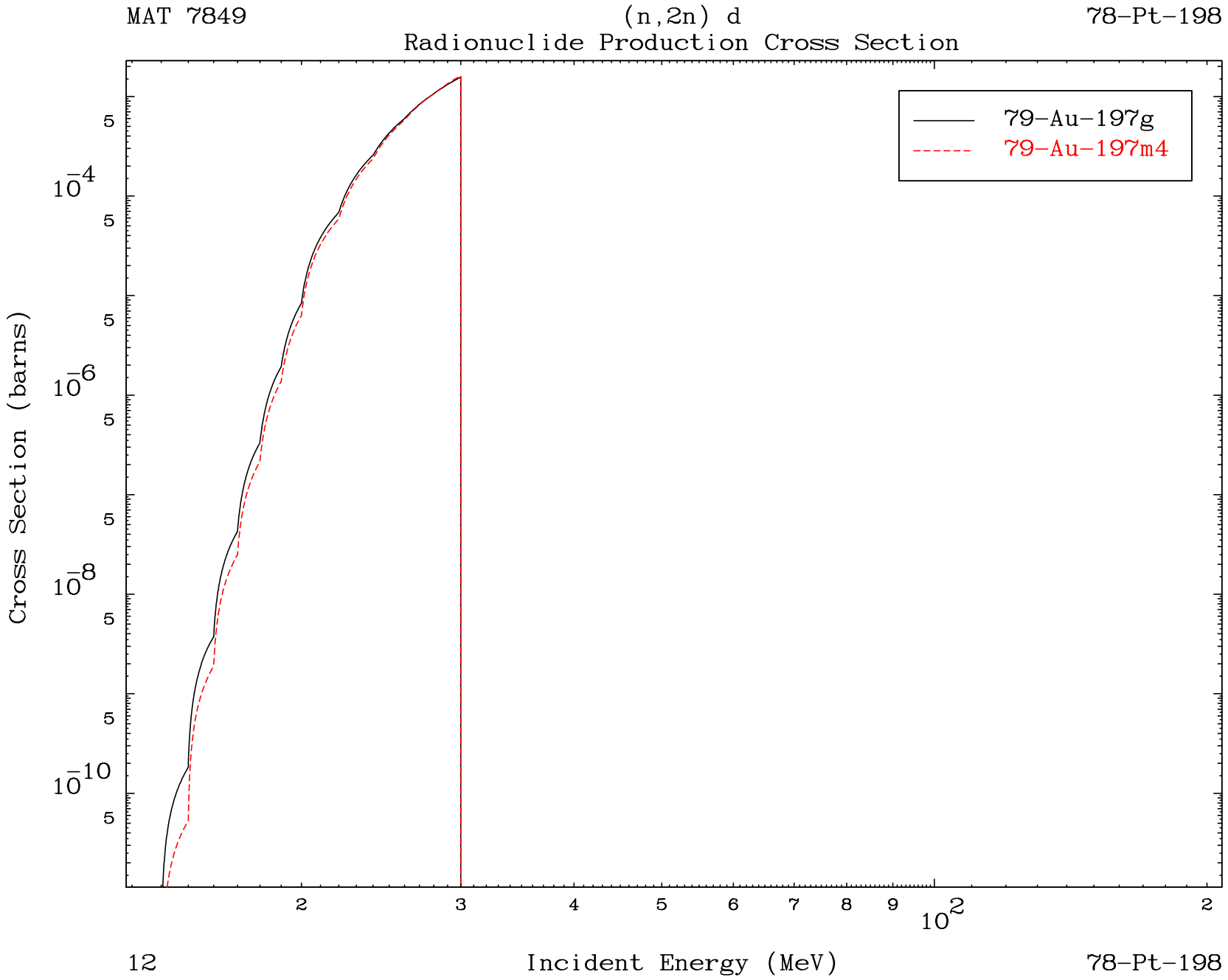

MAT 7849
(He-3,p) Levels
78-Pt-198
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
78-Pt-198

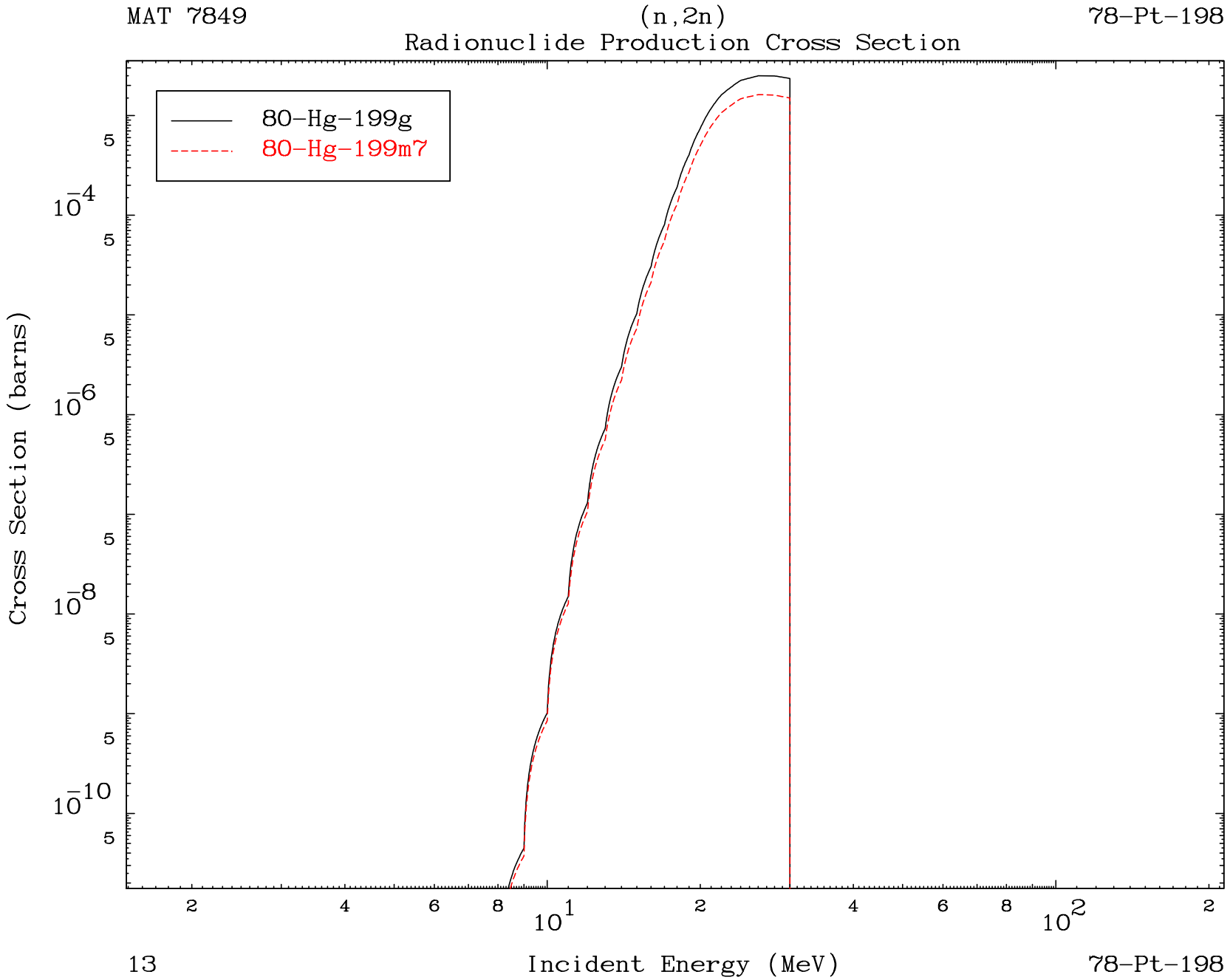

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2

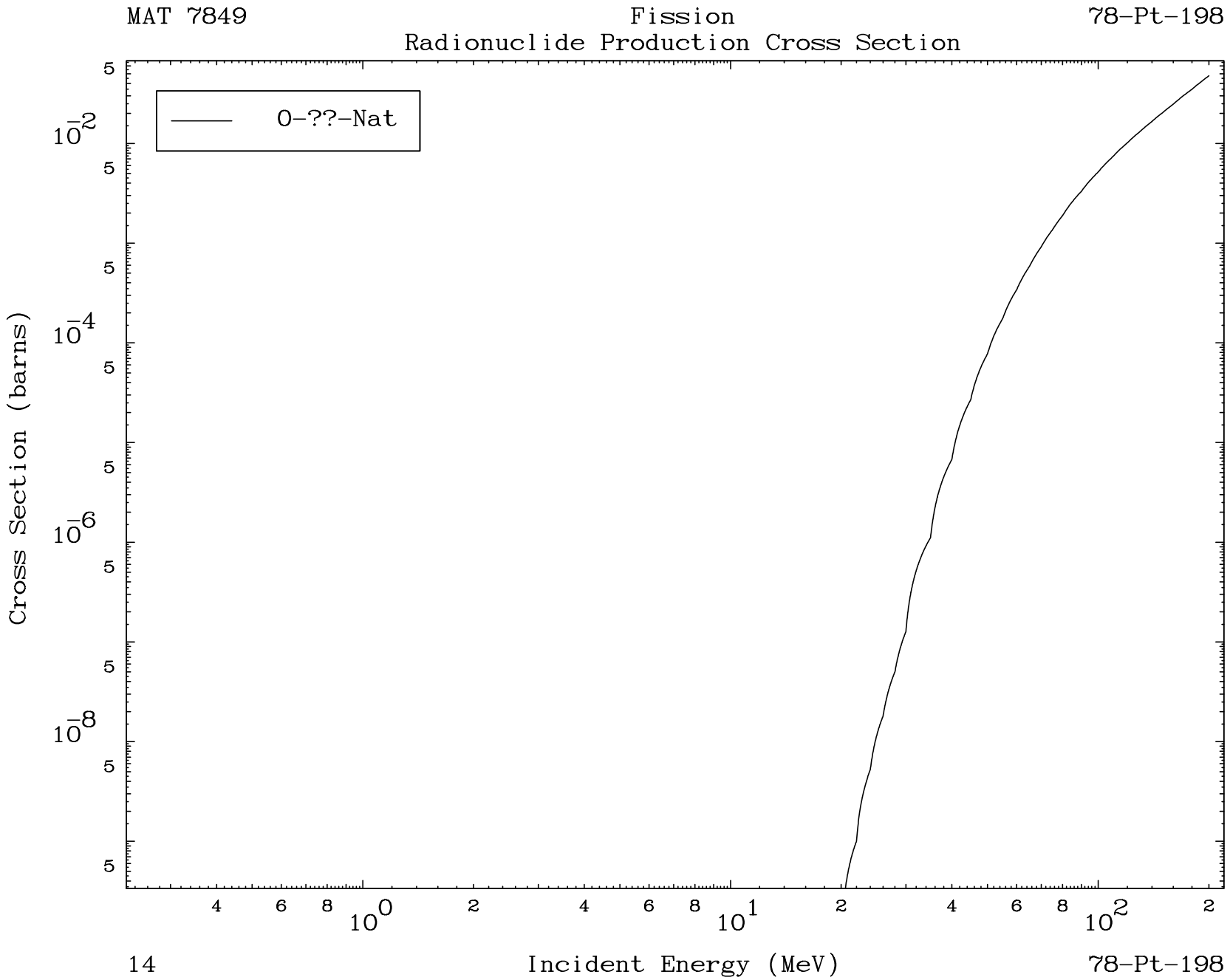

MAT 7849
(He-3,t) Levels
78-Pt-198
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
78-Pt-198

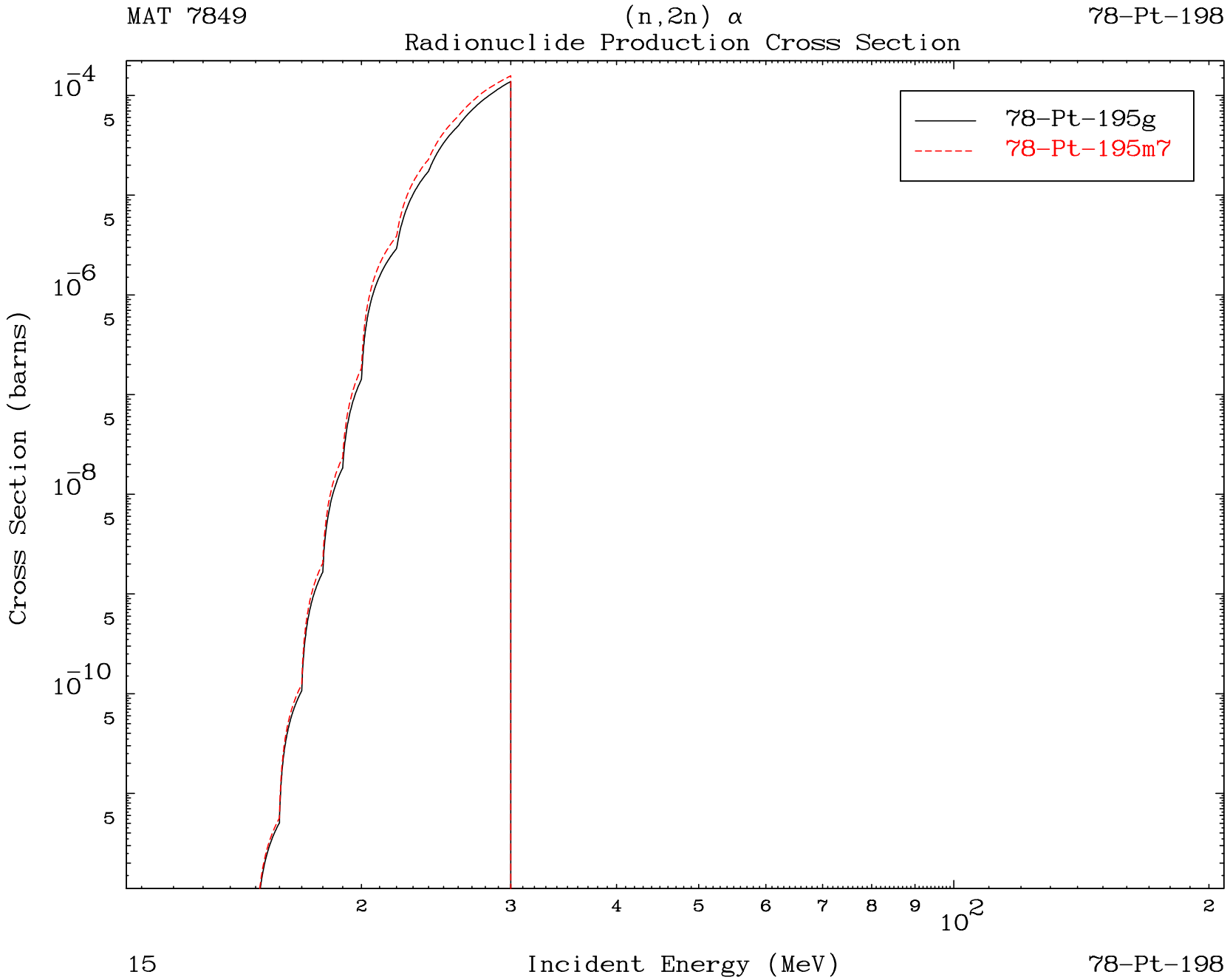

MAT 7849
(He-3,He3) Levels
78-Pt-198
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

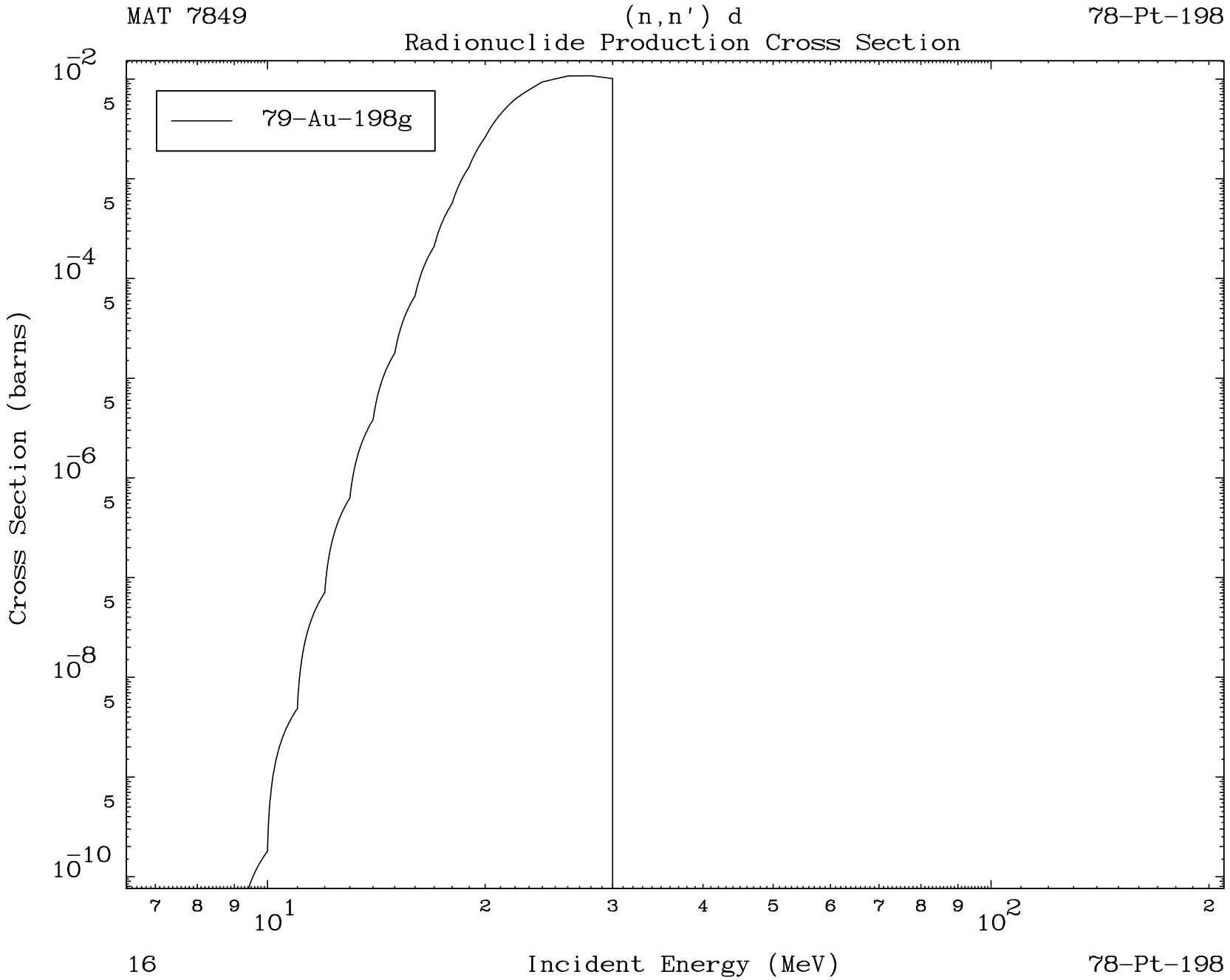

0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
4
6
8
10^0
10^1
10^2
Incident Energy (MeV)

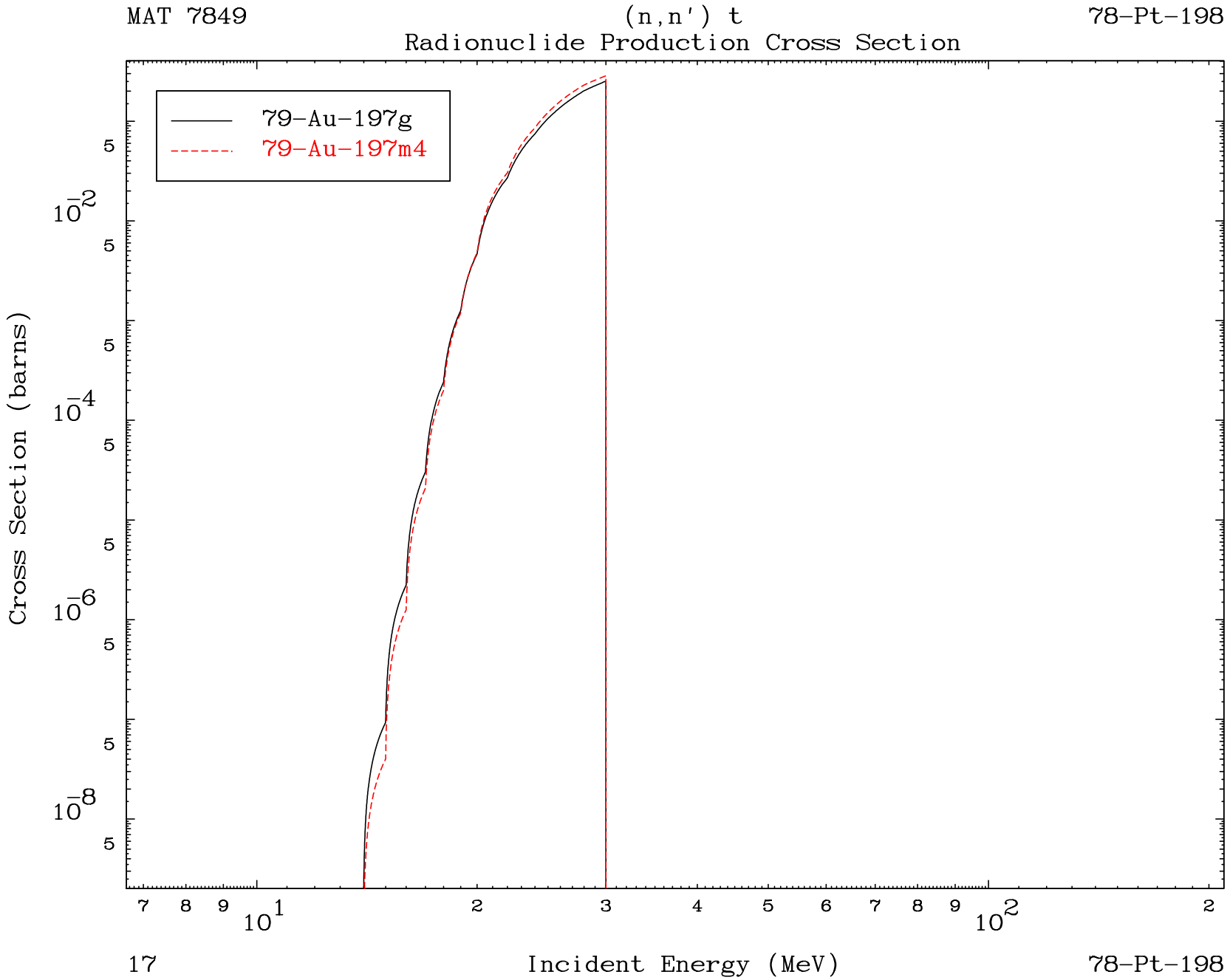

MAT 7849
(n,2n) d
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
78-Pt-198

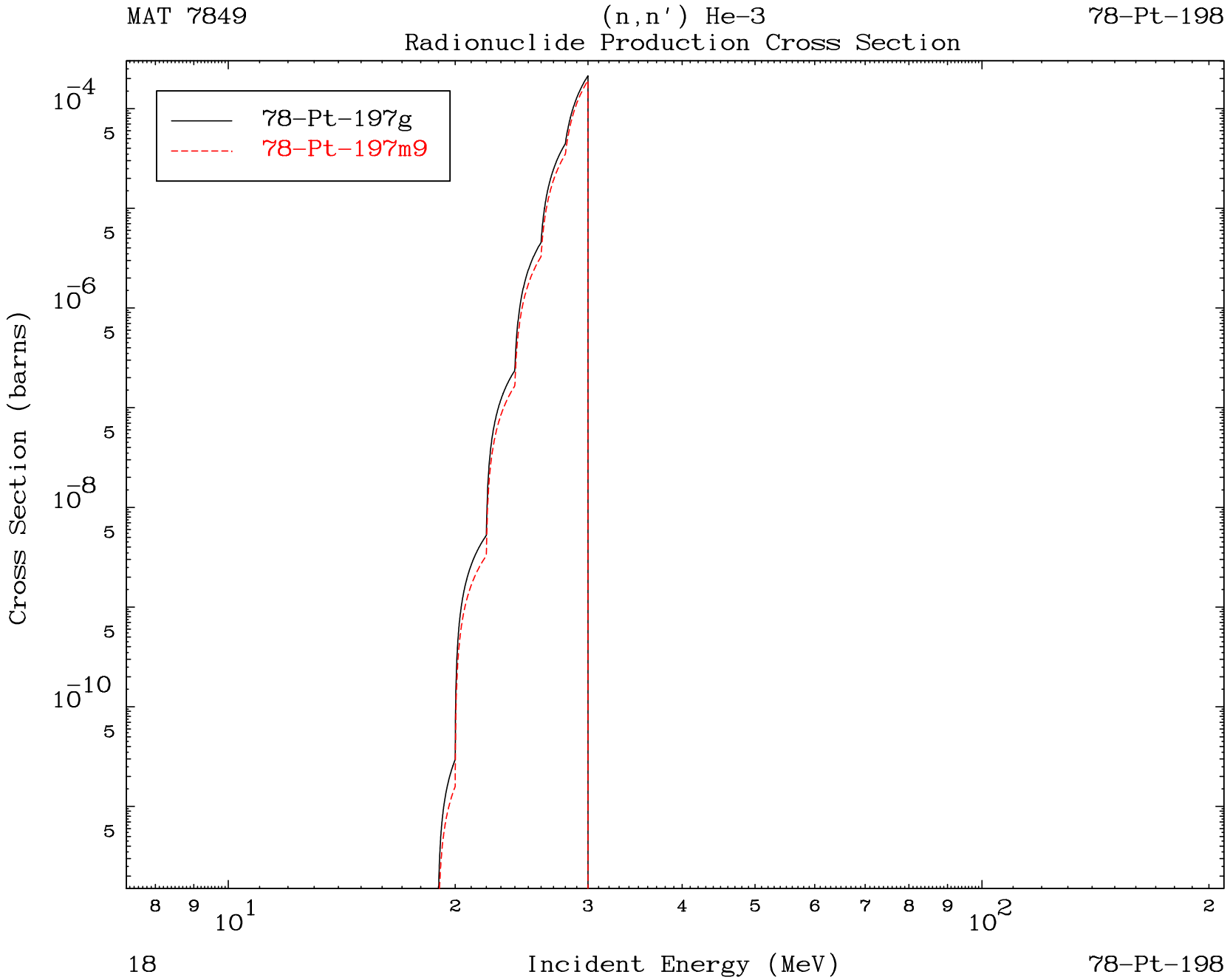

MAT 7849
(n,2n)
78-Pt-198
Radionuclide Production Cross Section
80-Hg-199g
80-Hg-199m7
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
10^2
Incident Energy (MeV)
13
78-Pt-198

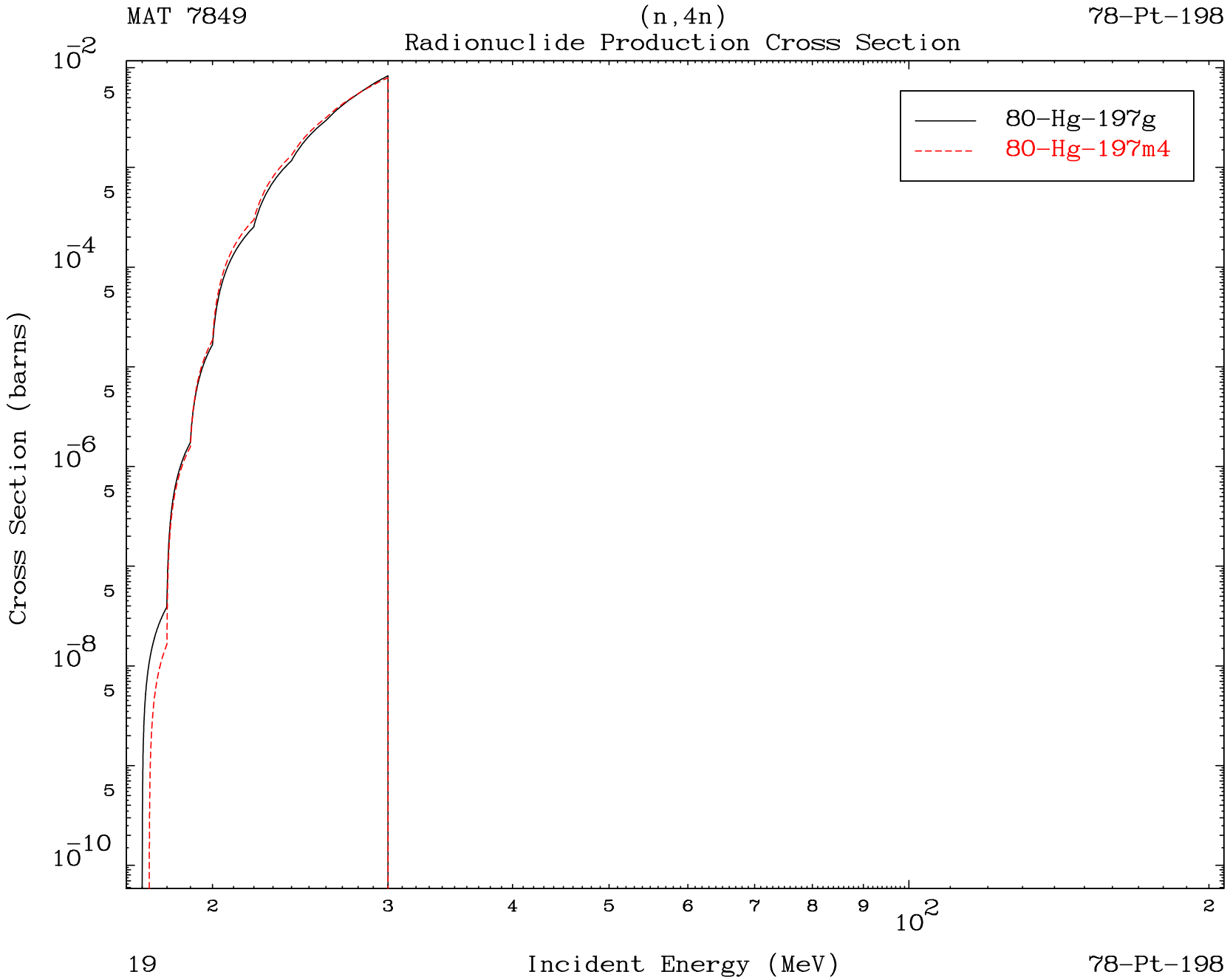

MAT 7849
Fission
78-Pt-198
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
14
78-Pt-198

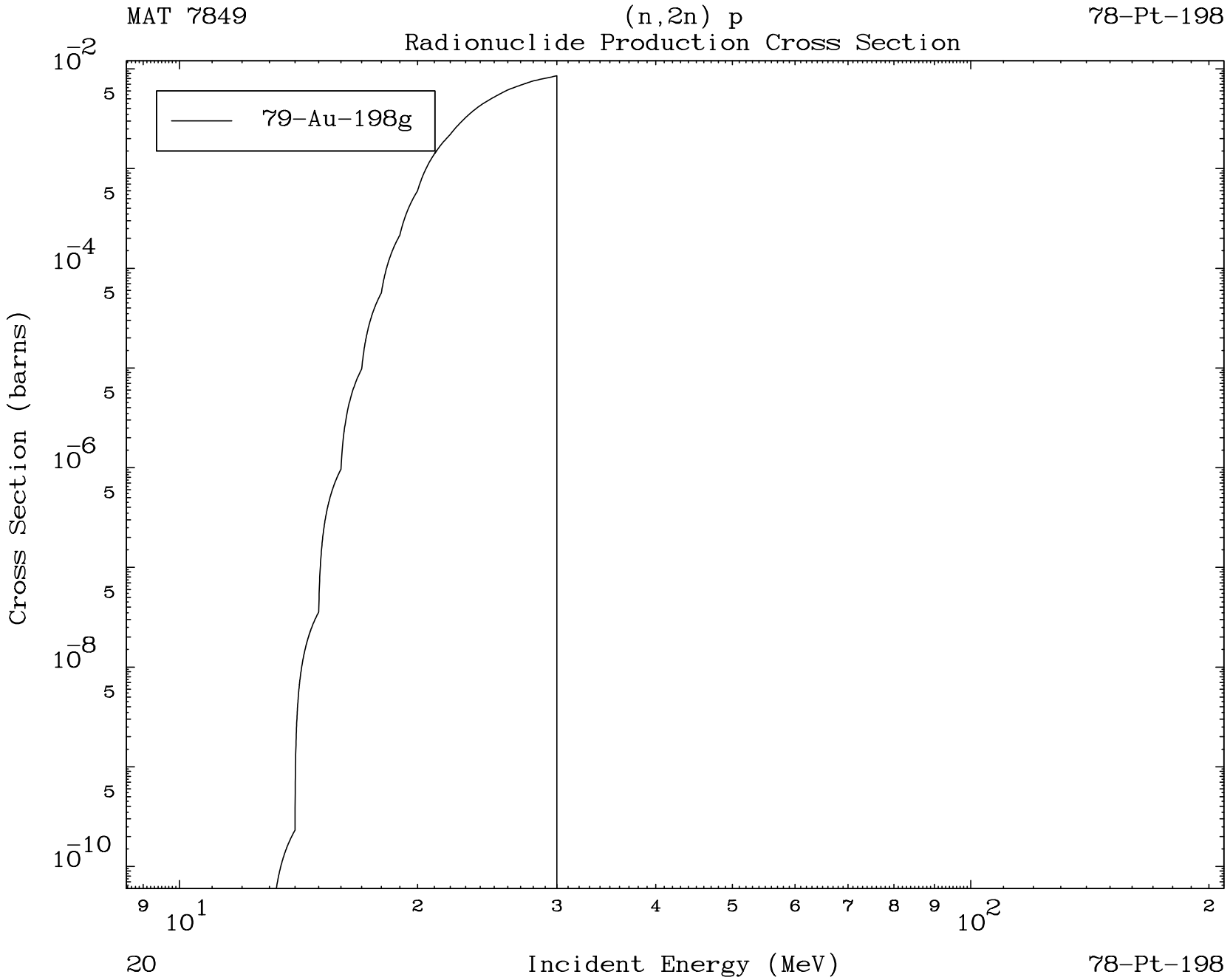

MAT 7849
(n,2n) α
78-Pt-198
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
15
78-Pt-198

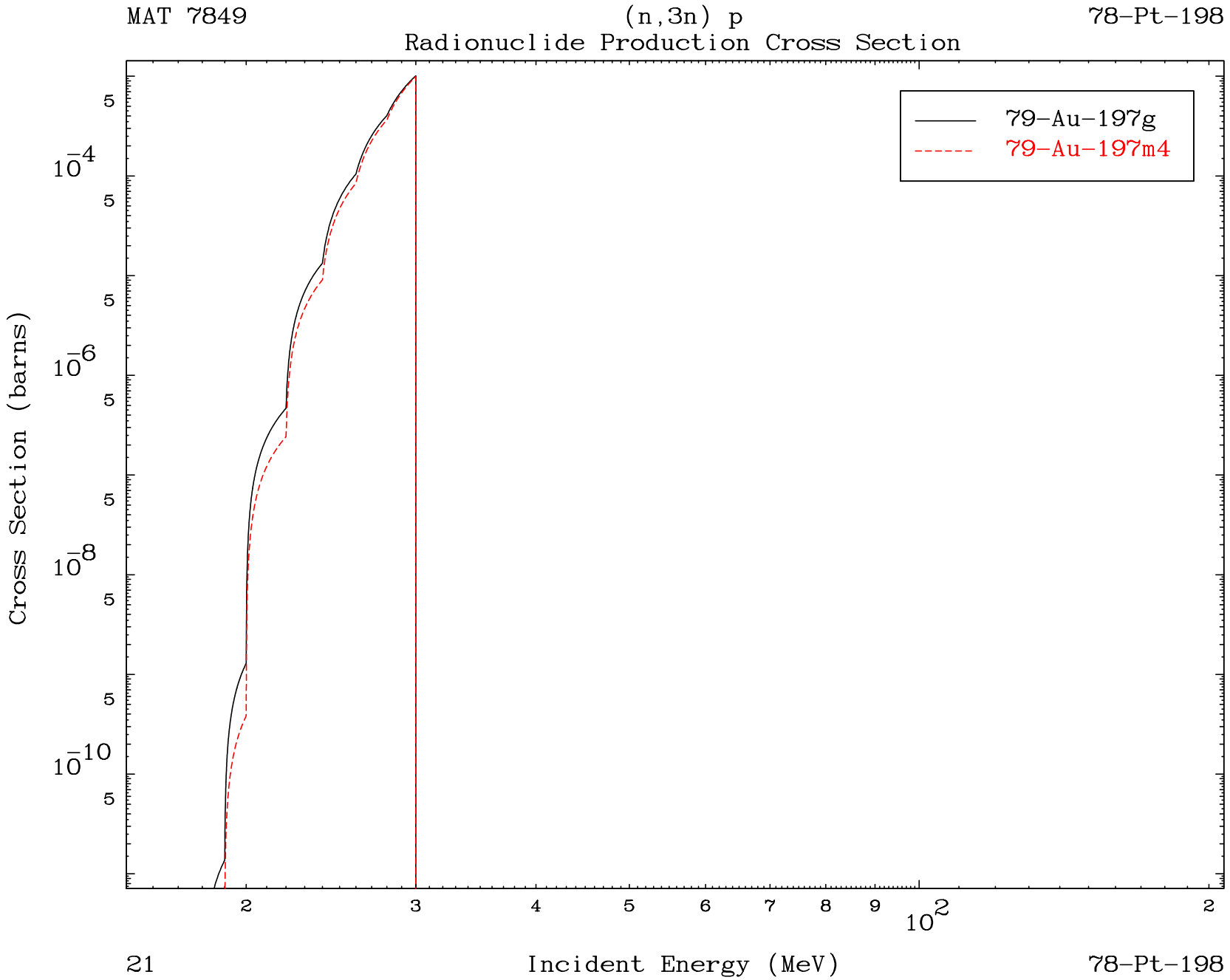

MAT 7849
(n,n') d
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
Cross Section (barns)
Incident Energy (MeV)
16
78-Pt-198

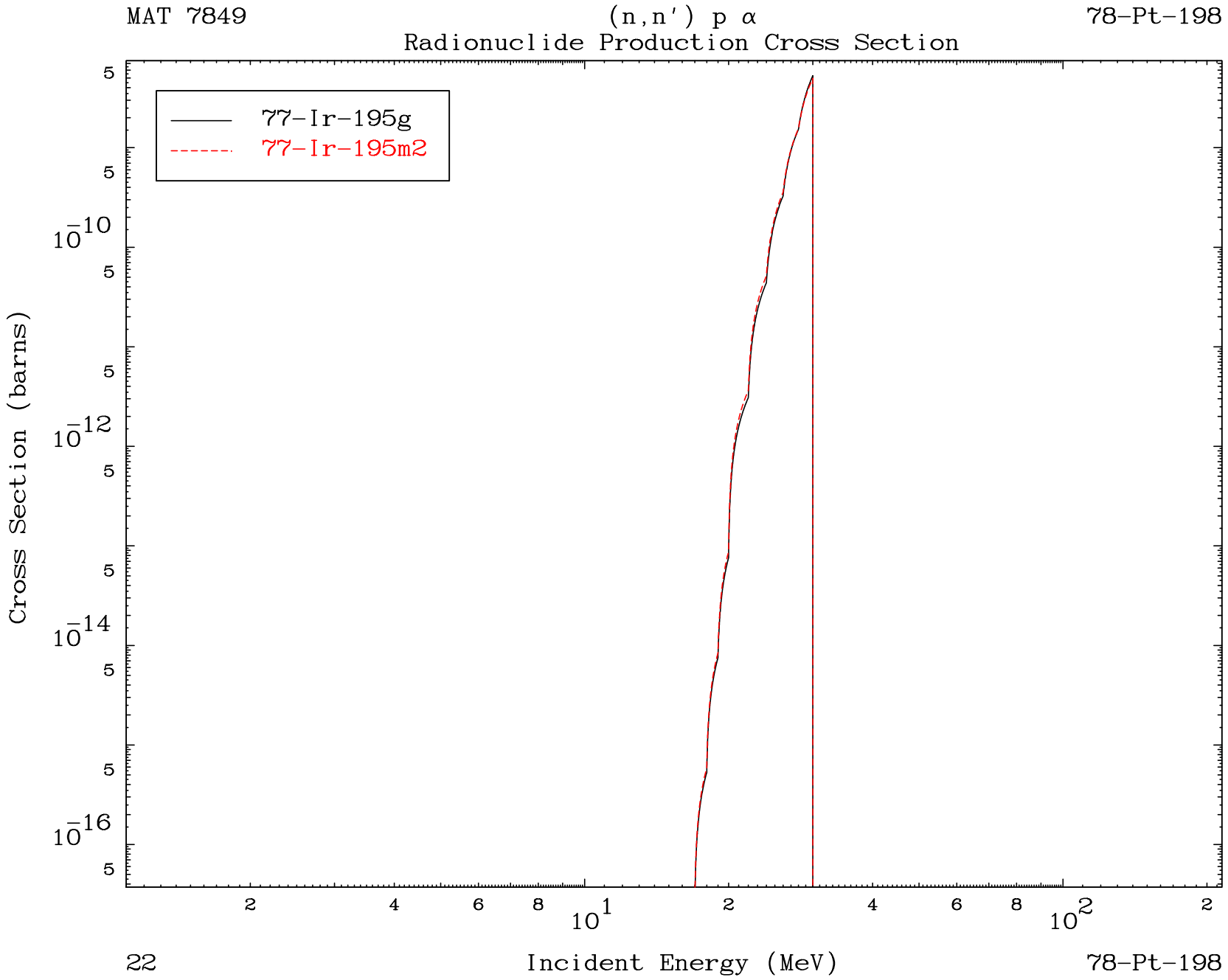

MAT 7849
(n,n') t
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10-2
10-4
10-6
10-8
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
Incident Energy (MeV)
17
78-Pt-198

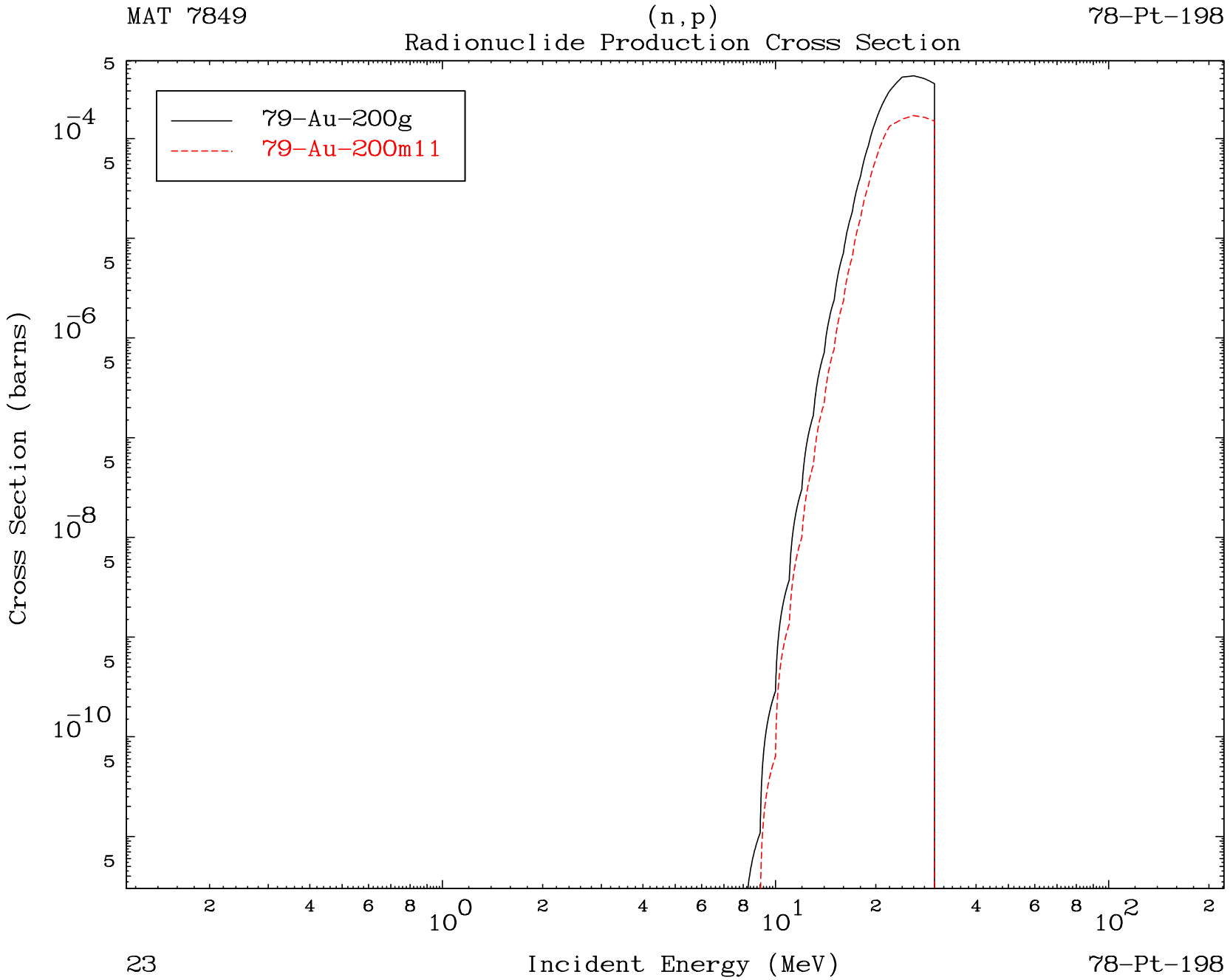

MAT 7849
(n,n') He-3
78-Pt-198
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
18
78-Pt-198

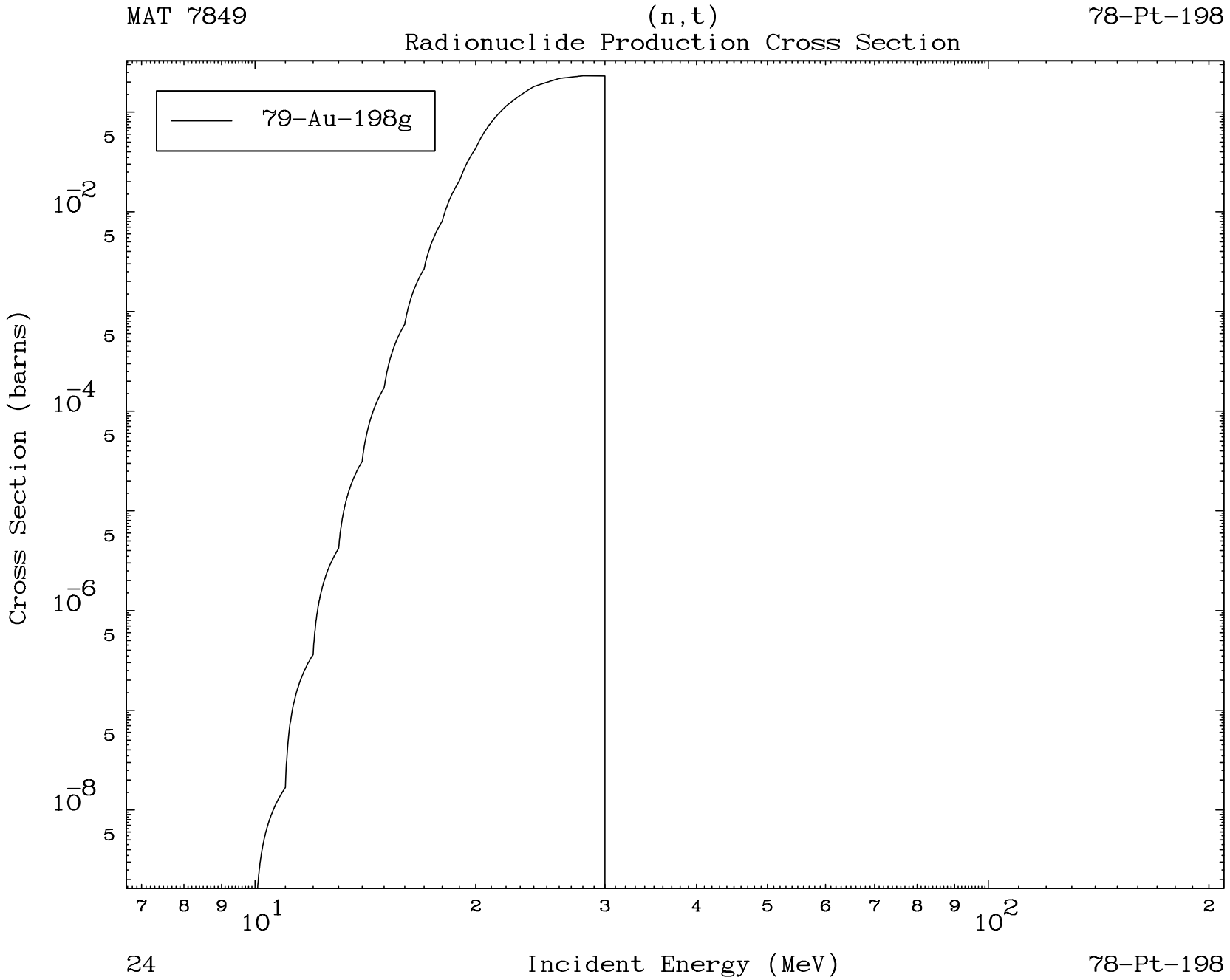

MAT 7849
(n,4n)
78-Pt-198
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
19
78-Pt-198

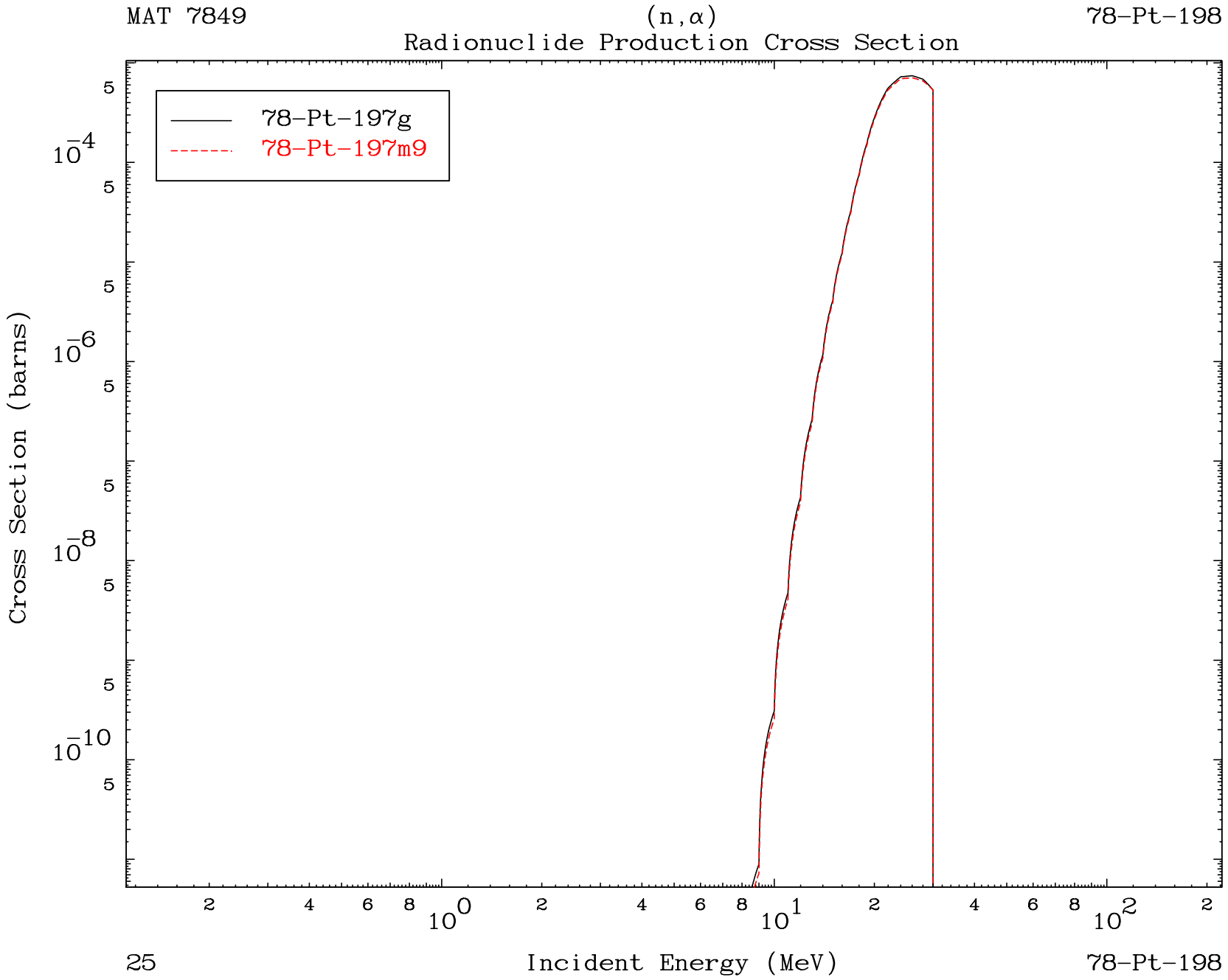

MAT 7849
(n,2n) p
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
Cross Section (barns)
Incident Energy (MeV)
20
78-Pt-198

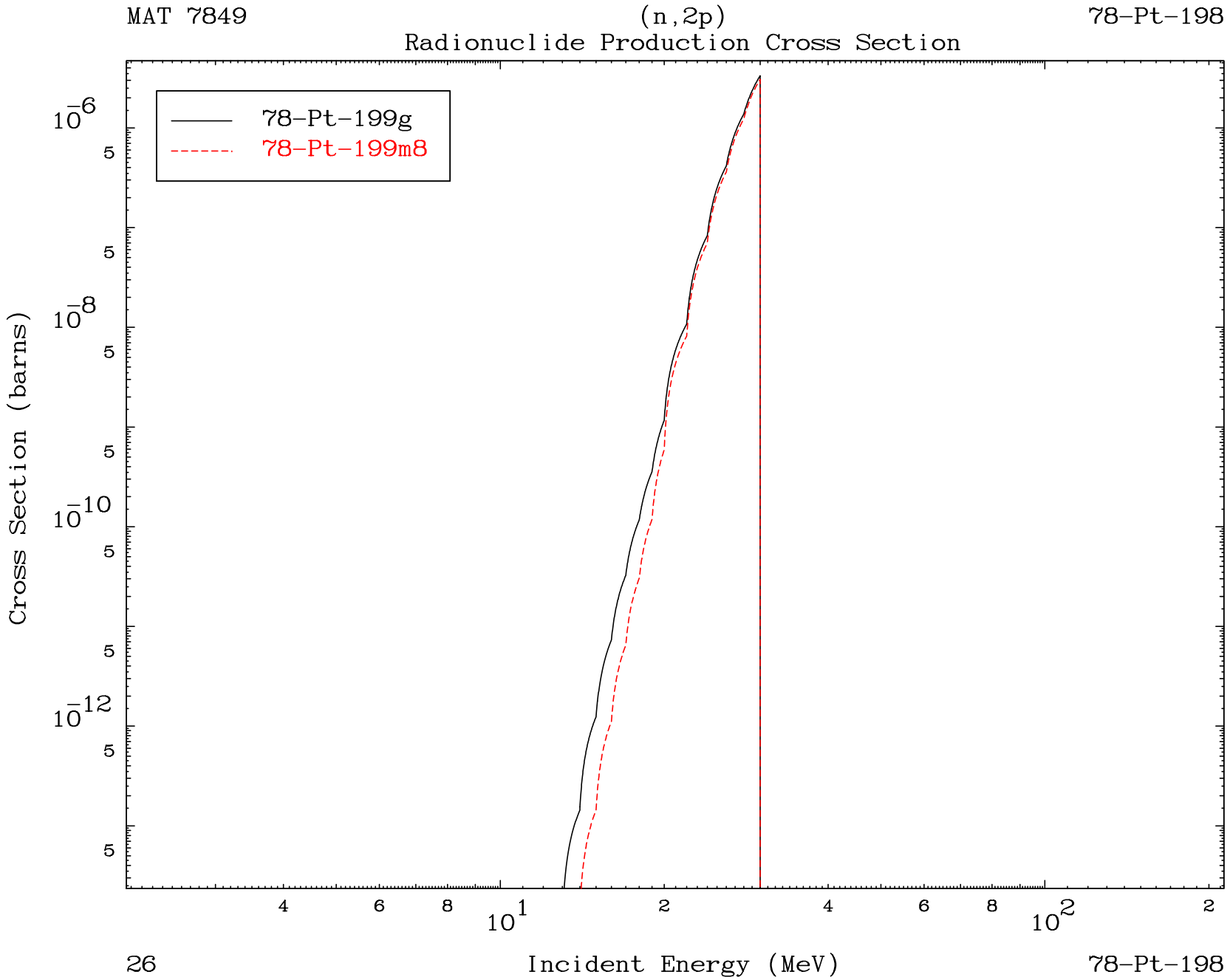

MAT 7849
(n,3n) p
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
78-Pt-198

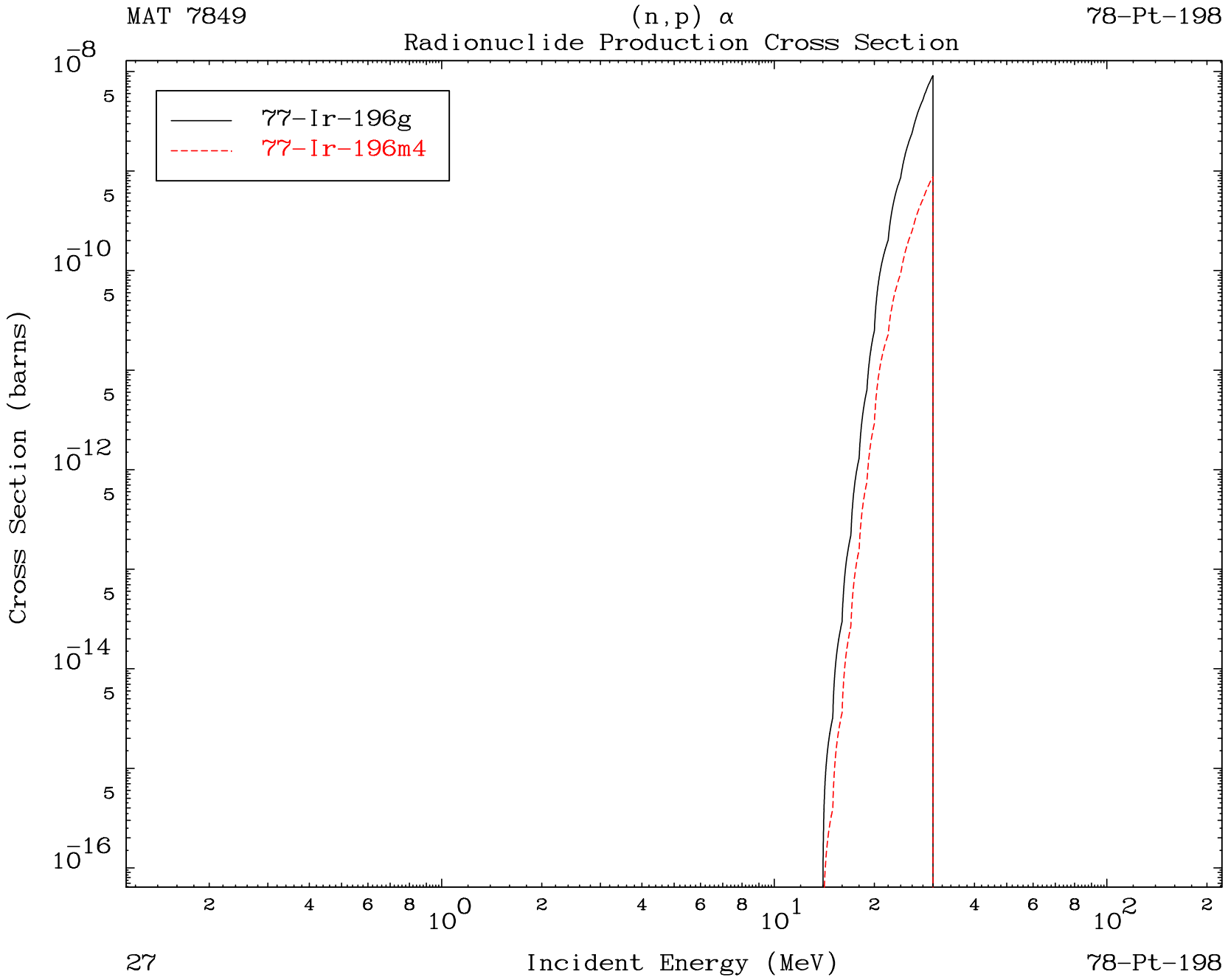

MAT 7849
(n,n') p α
78-Pt-198
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
4
6
8
10^1
10^2
22
Incident Energy (MeV)
78-Pt-198

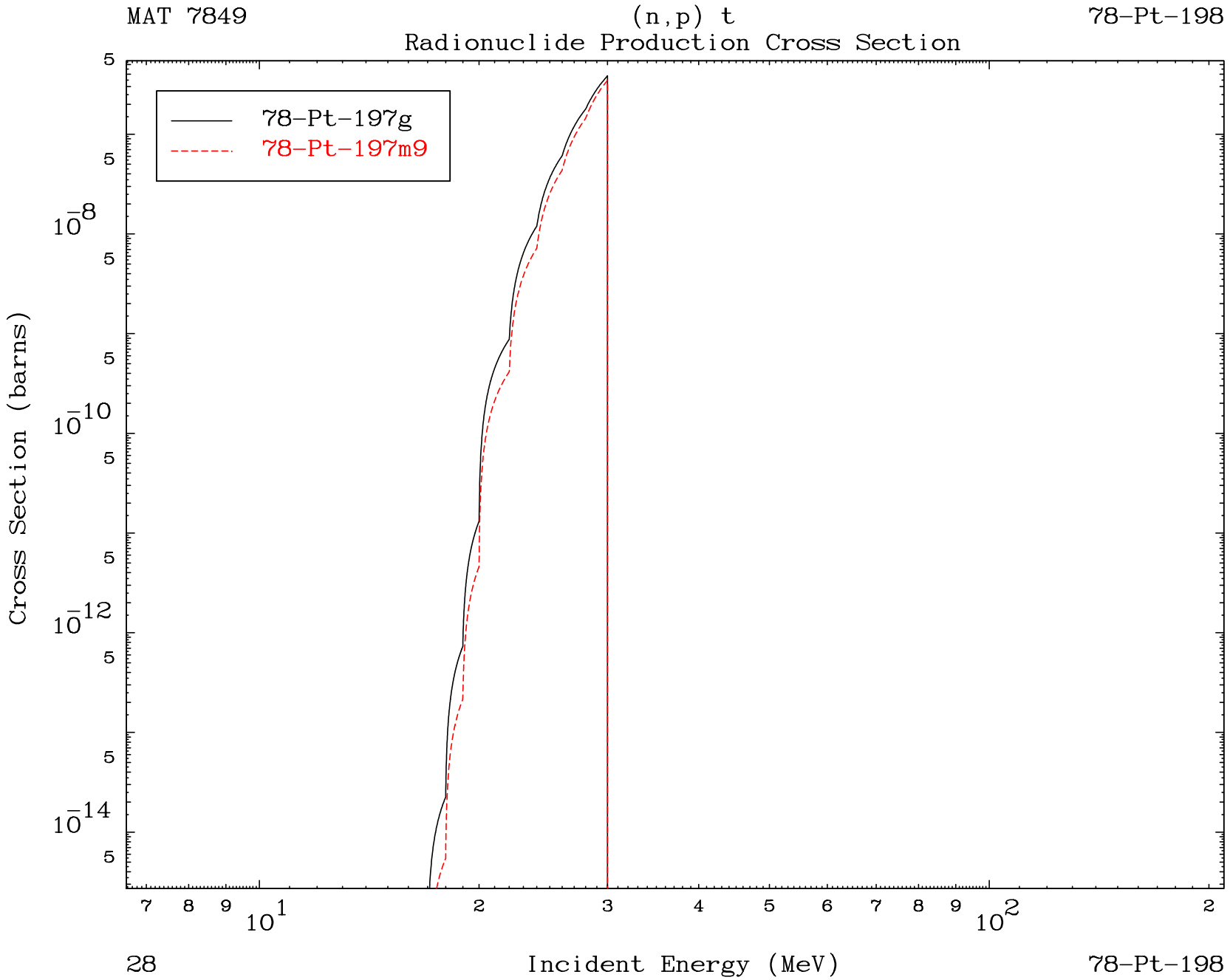

MAT 7849
(n,p)
78-Pt-198
Radionuclide Production Cross Section
79-Au-200g
79-Au-200m11
Cross Section (barns)
Incident Energy (MeV)
23
78-Pt-198


MAT 7849
(n,t)
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
Cross Section (barns)
Incident Energy (MeV)
24
78-Pt-198


MAT 7849
(n,α)
78-Pt-198
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
25
78-Pt-198


MAT 7849
(n,2p)
78-Pt-198
Radionuclide Production Cross Section
78-Pt-199g
78-Pt-199m8
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
4
6
8
10^1
2
10^2
26
Incident Energy (MeV)
78-Pt-198


MAT 7849
(n,p) α
78-Pt-198
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
Incident Energy (MeV)
27
78-Pt-198


MAT 7849
(n,p) t
78-Pt-198
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
Incident Energy (MeV)
28
78-Pt-198