Program EVALPLOT
(Version 2018-1)
by
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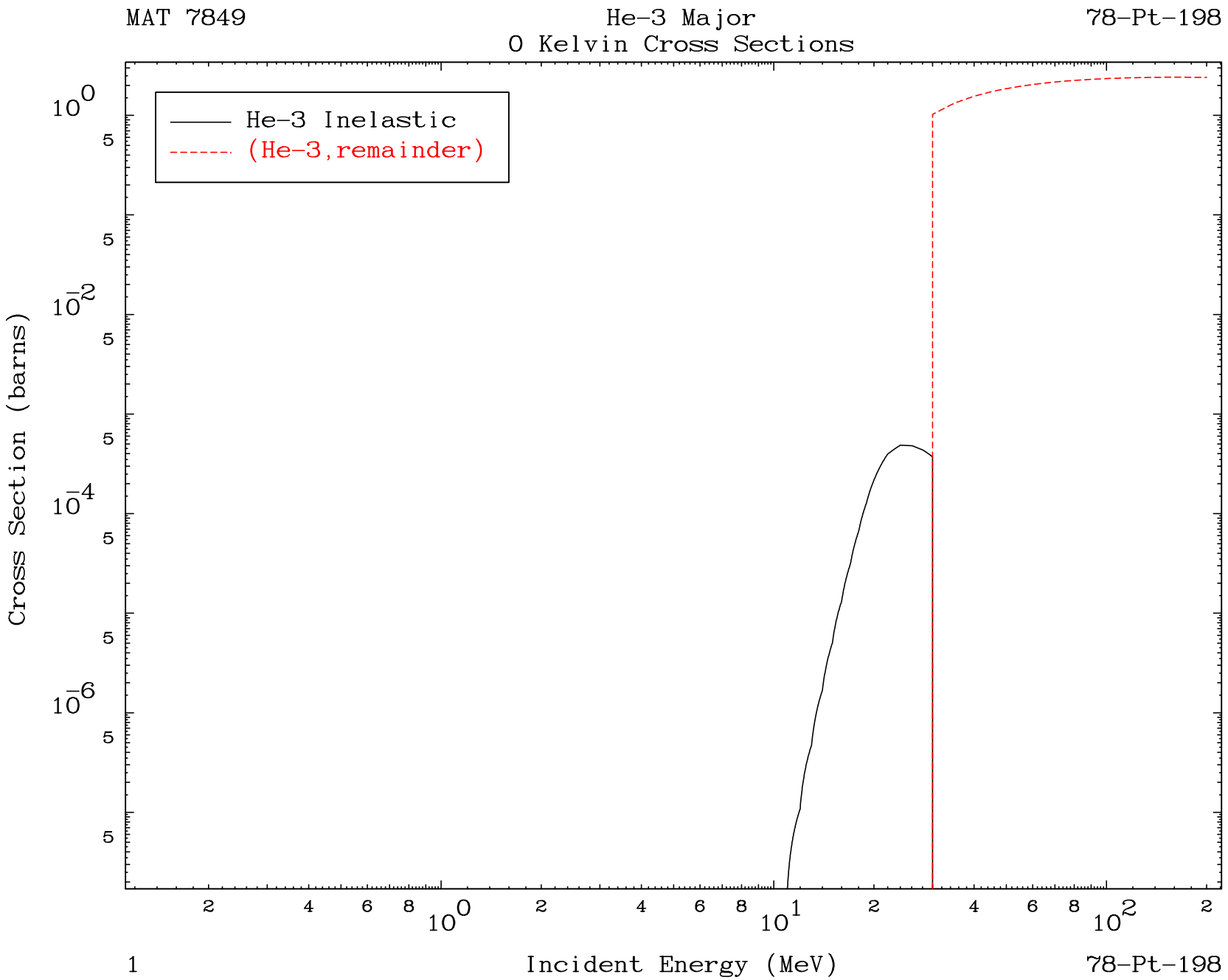
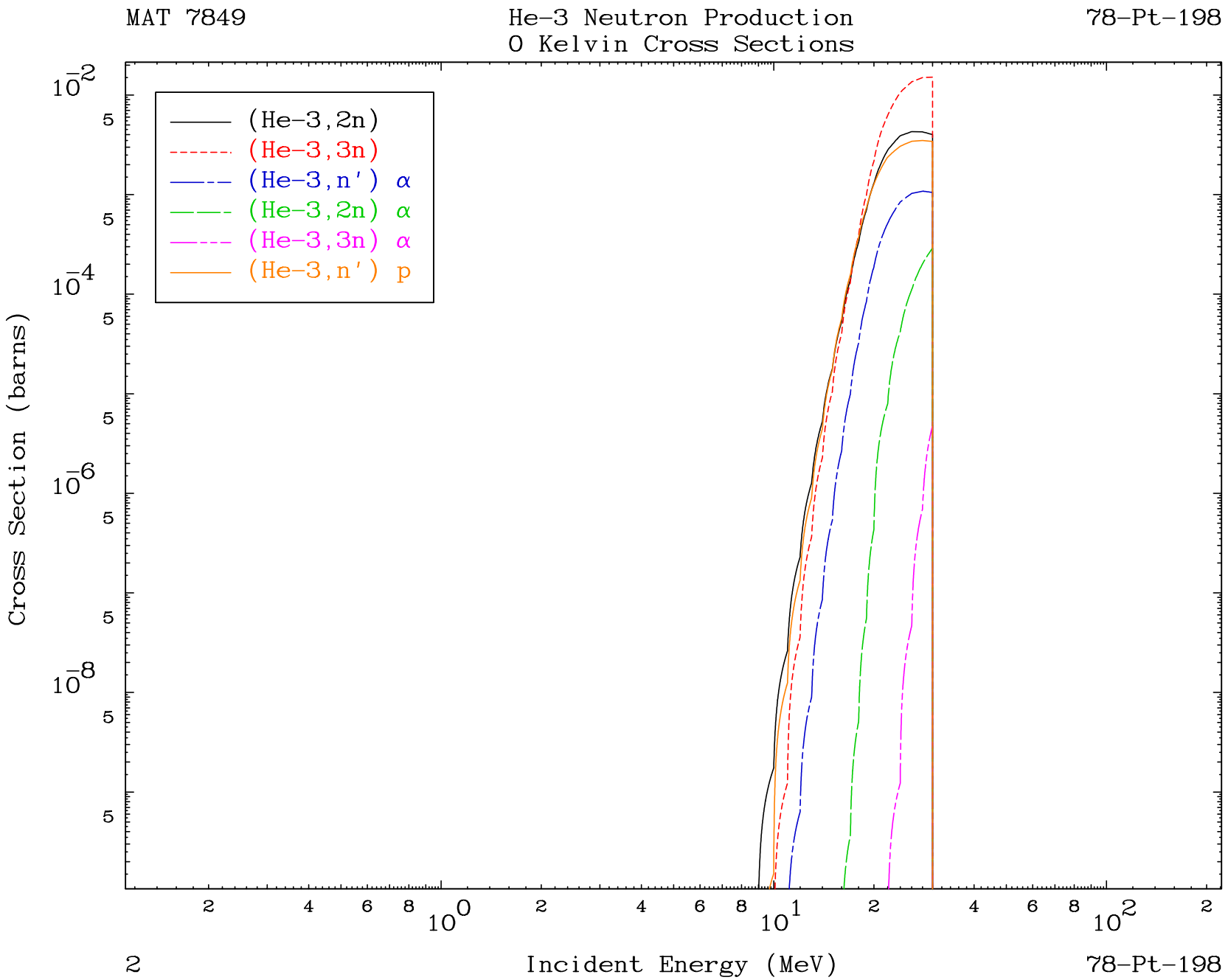
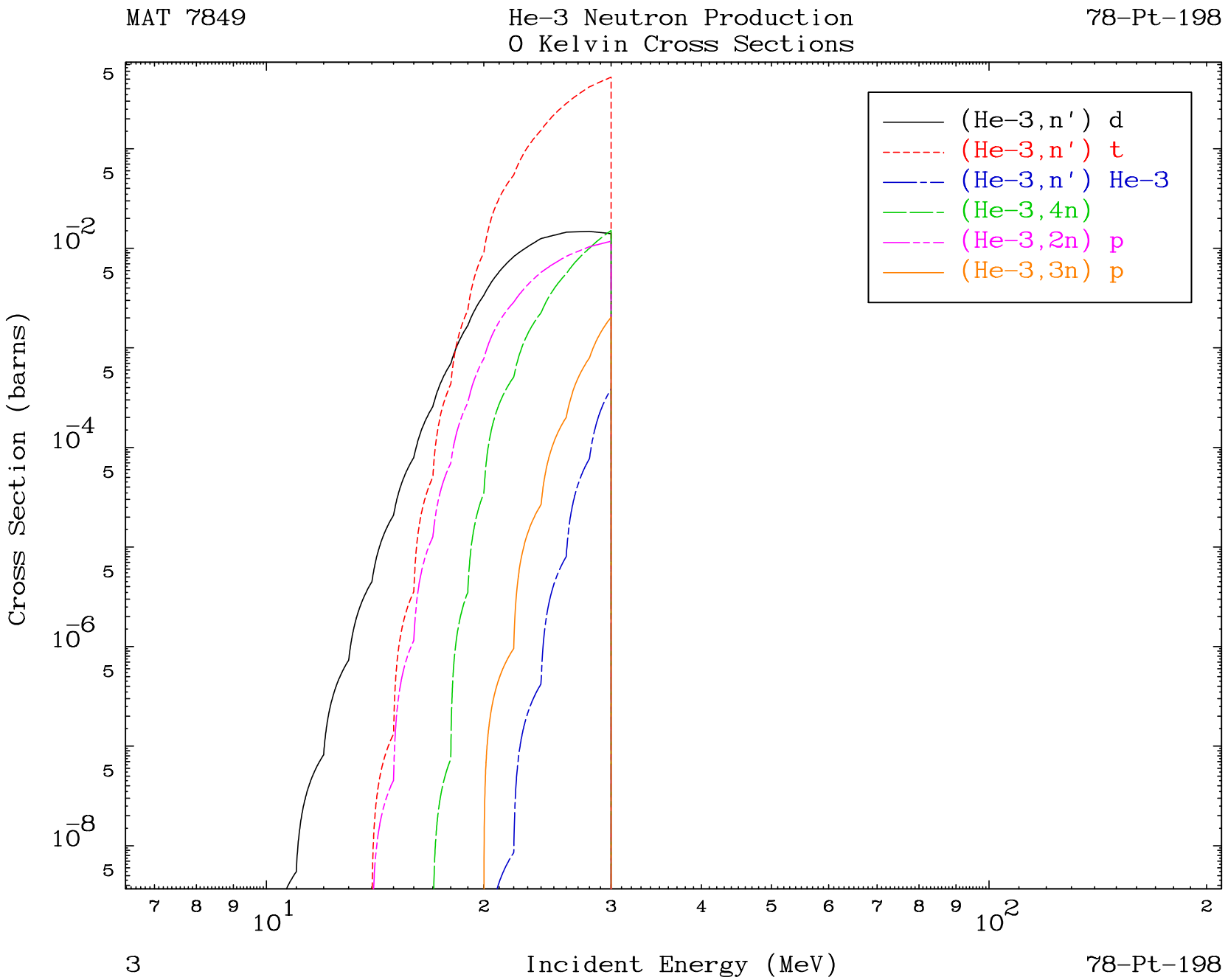
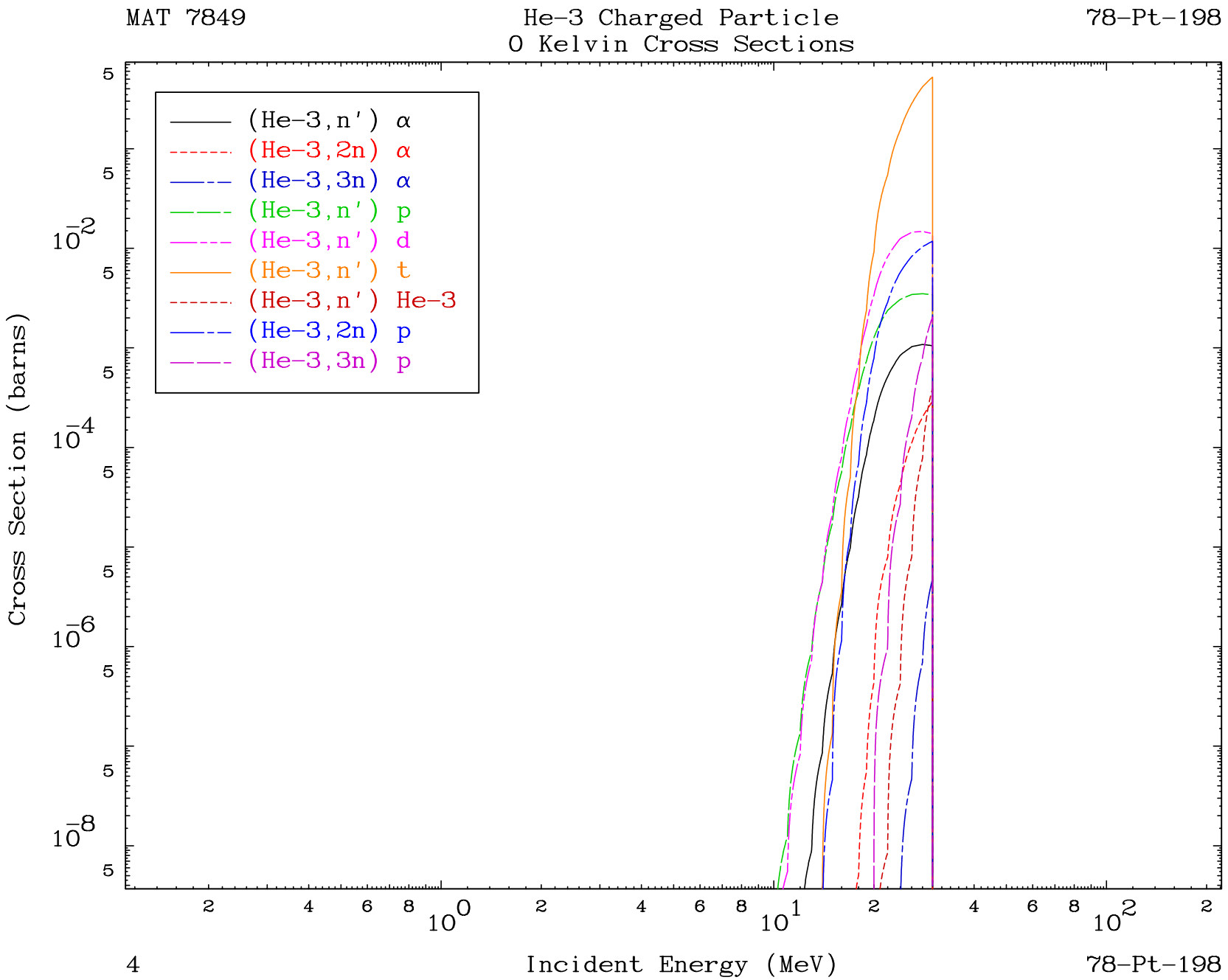
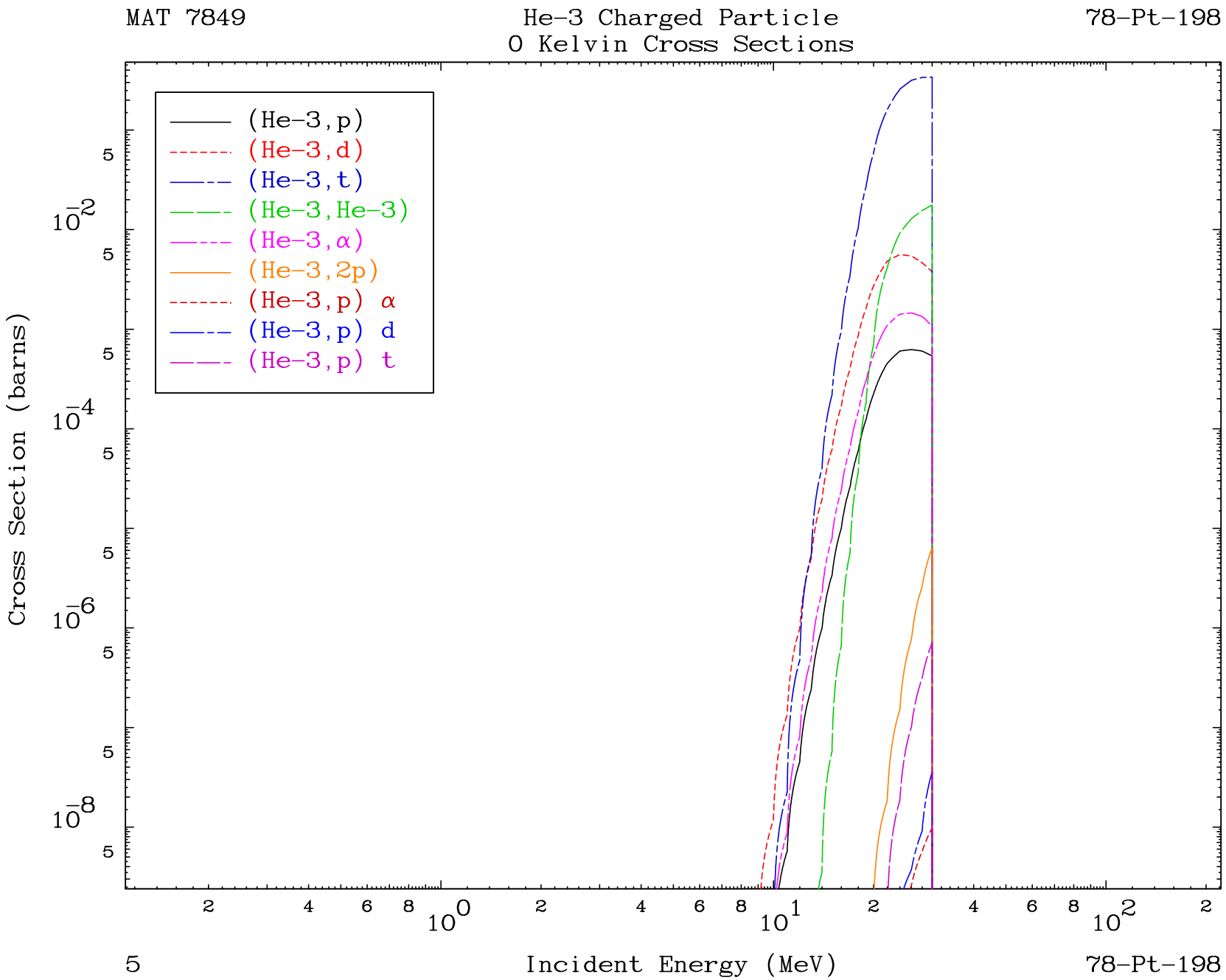
Press Mouse Button to Start

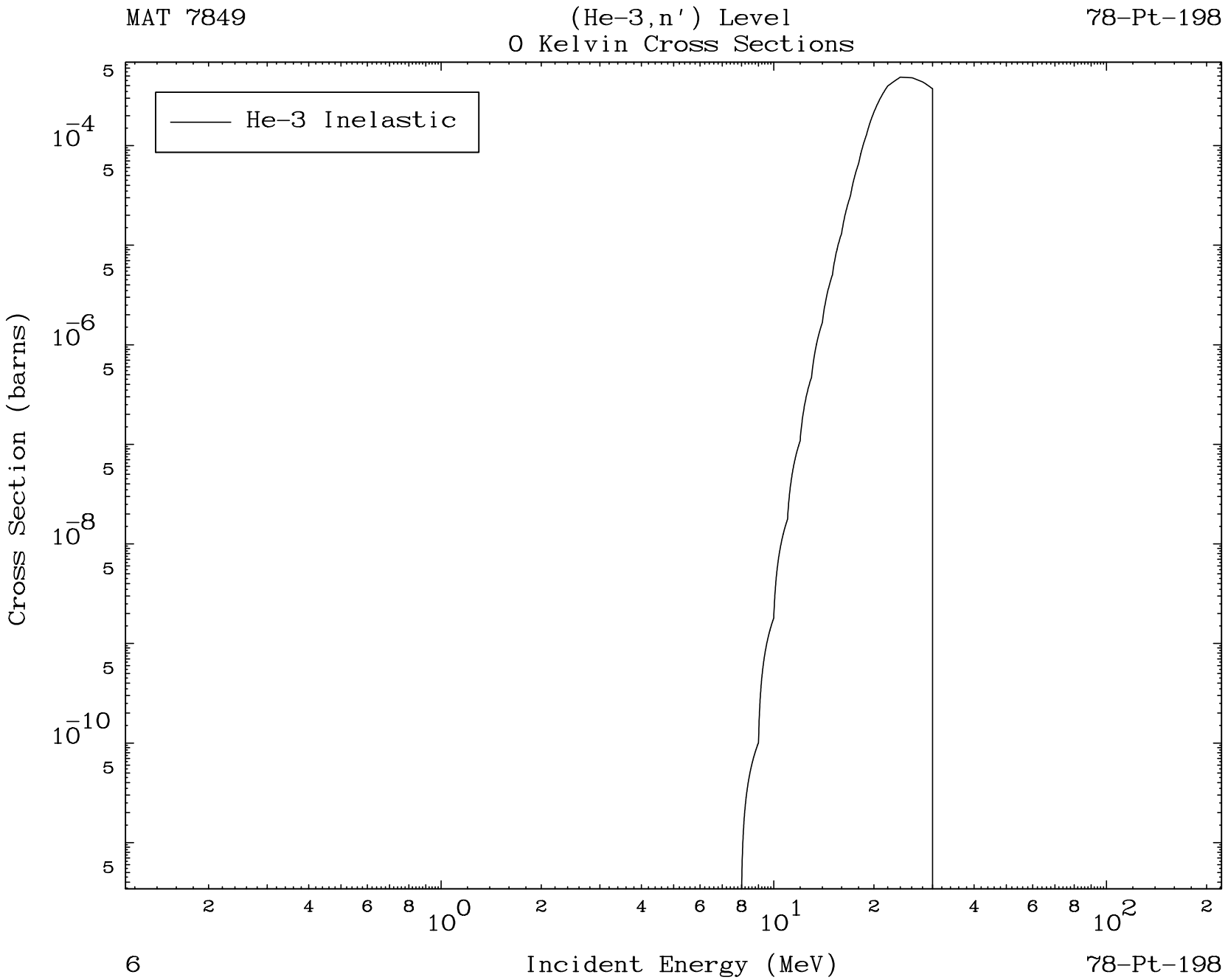

MAT 7849
He-3 Major
78-Pt-198
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
1

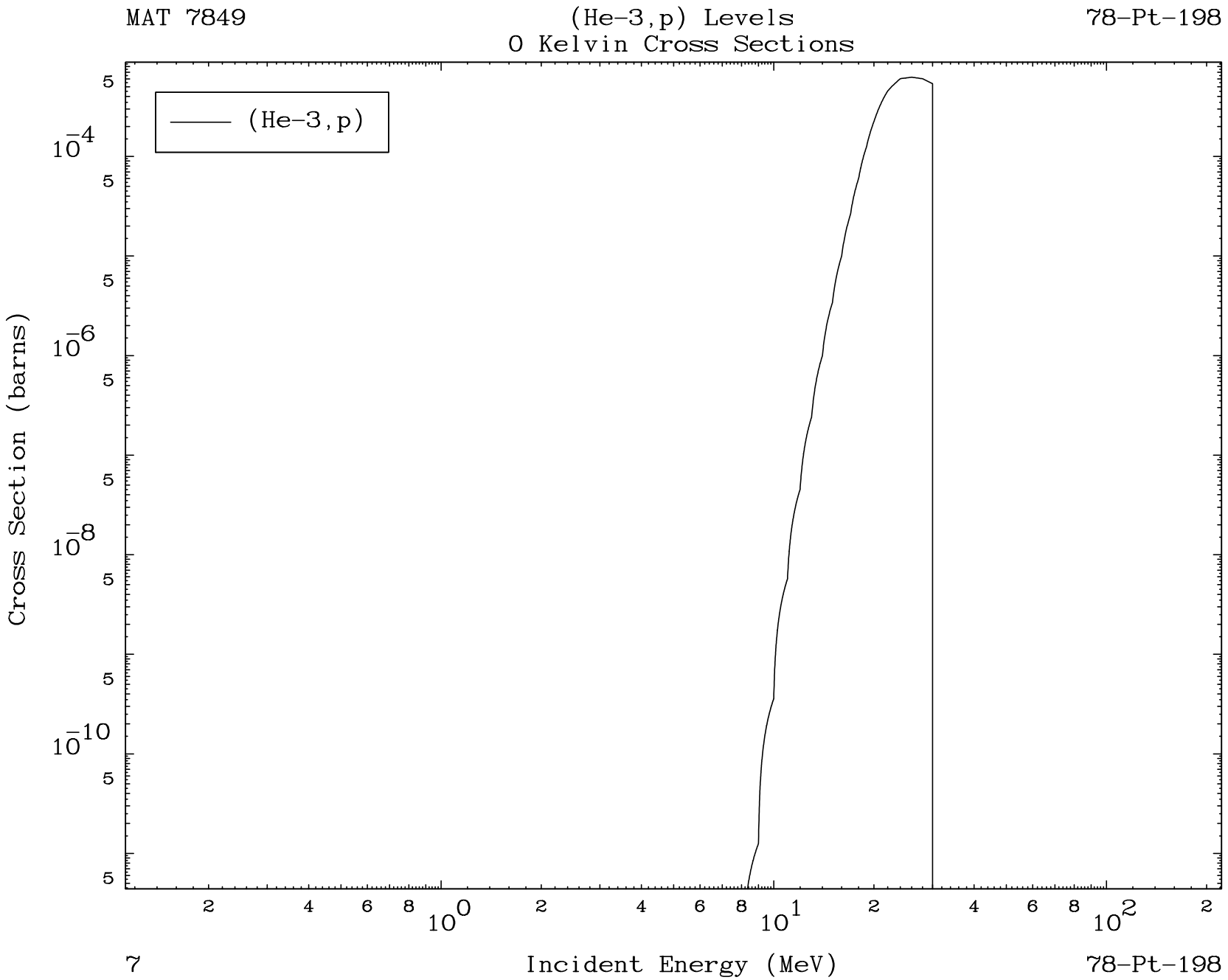

MAT 7849
He-3 Neutron Production
0 Kelvin Cross Sections
78-Pt-198
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
2


MAT 7849
He-3 Neutron Production
0 Kelvin Cross Sections
78-Pt-198
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
78-Pt-198

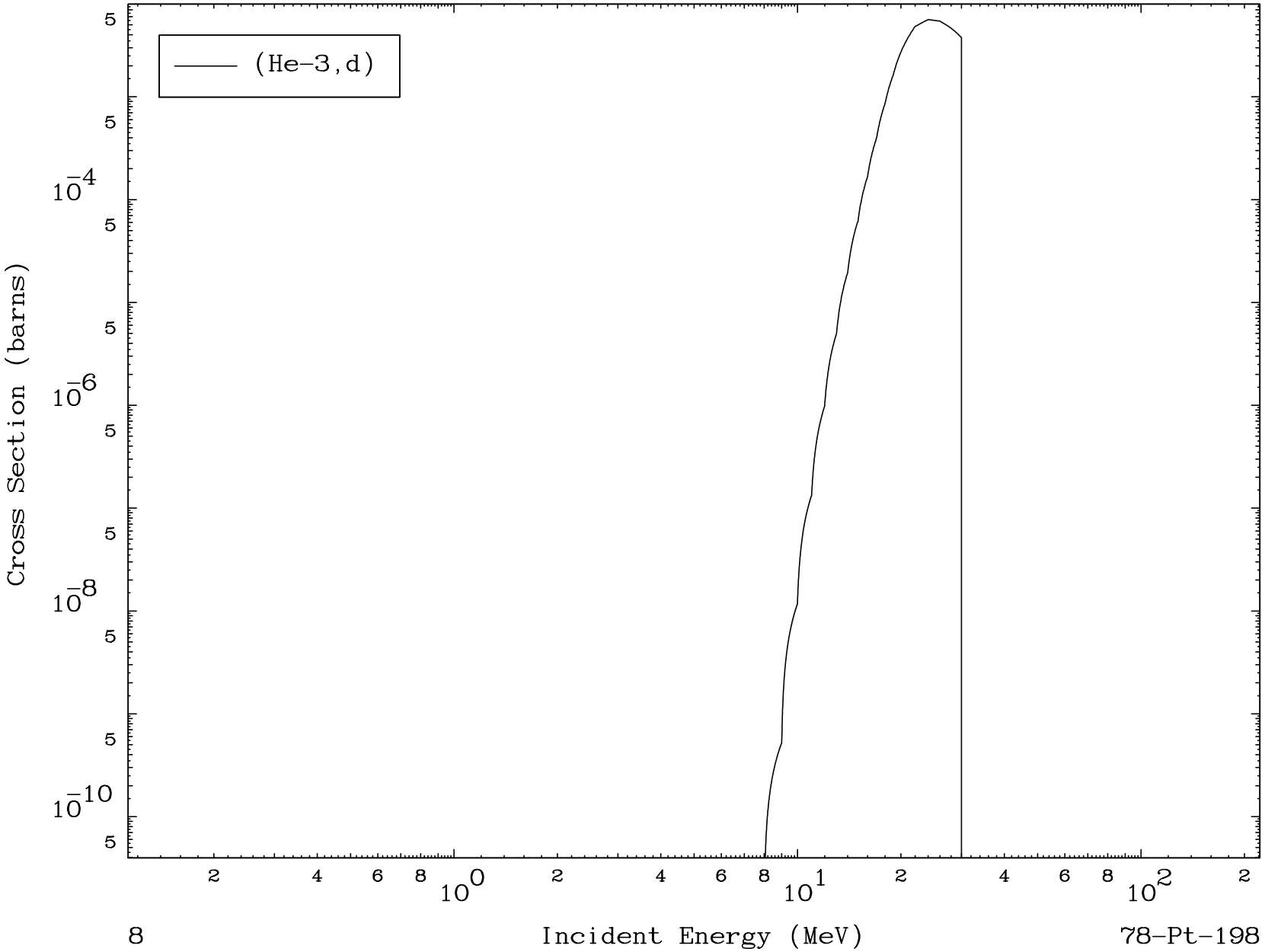

MAT 7849
He-3 Charged Particle
0 Kelvin Cross Sections
78-Pt-198
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
78-Pt-198

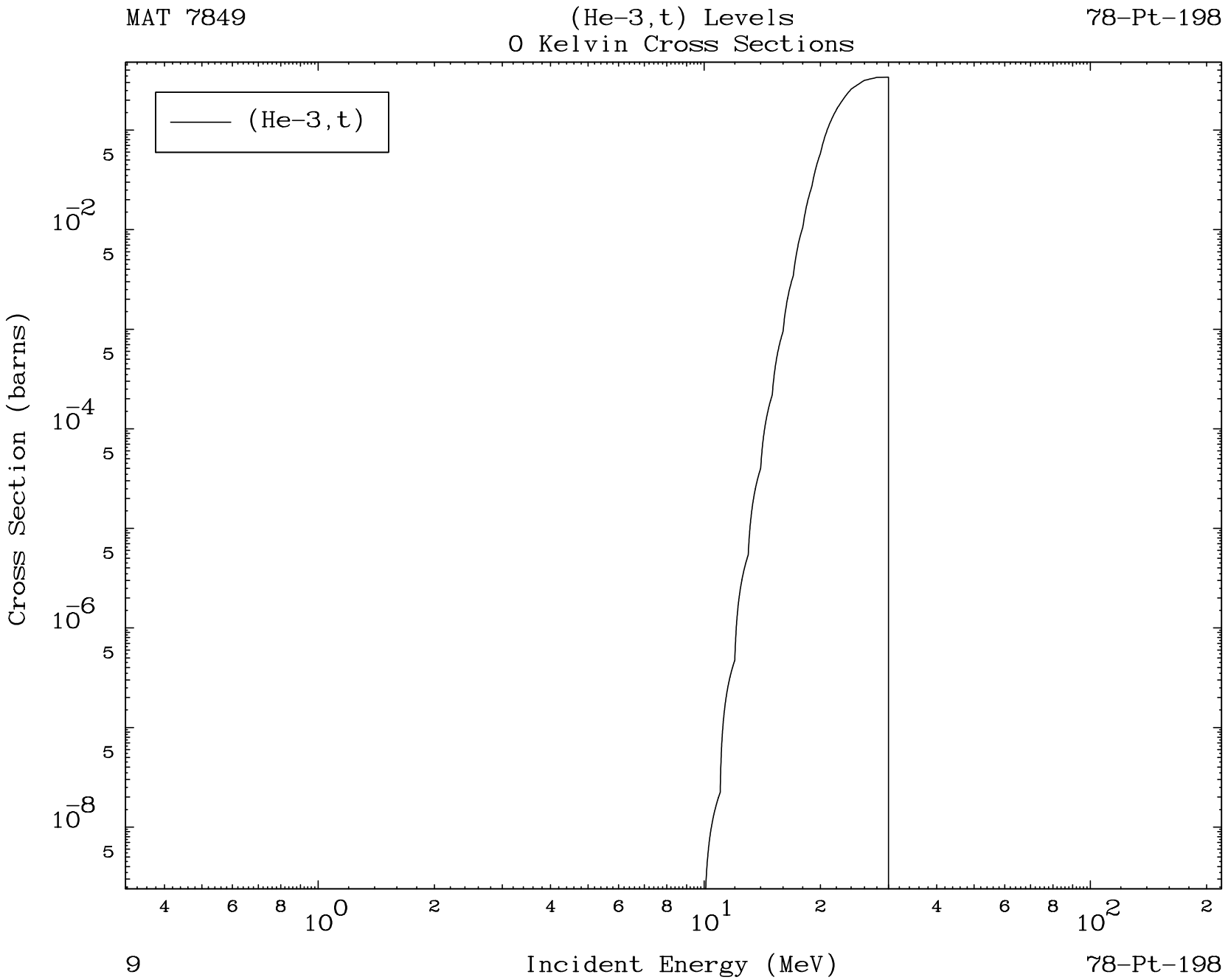

MAT 7849
He-3 Charged Particle
0 Kelvin Cross Sections
78-Pt-198
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198
5

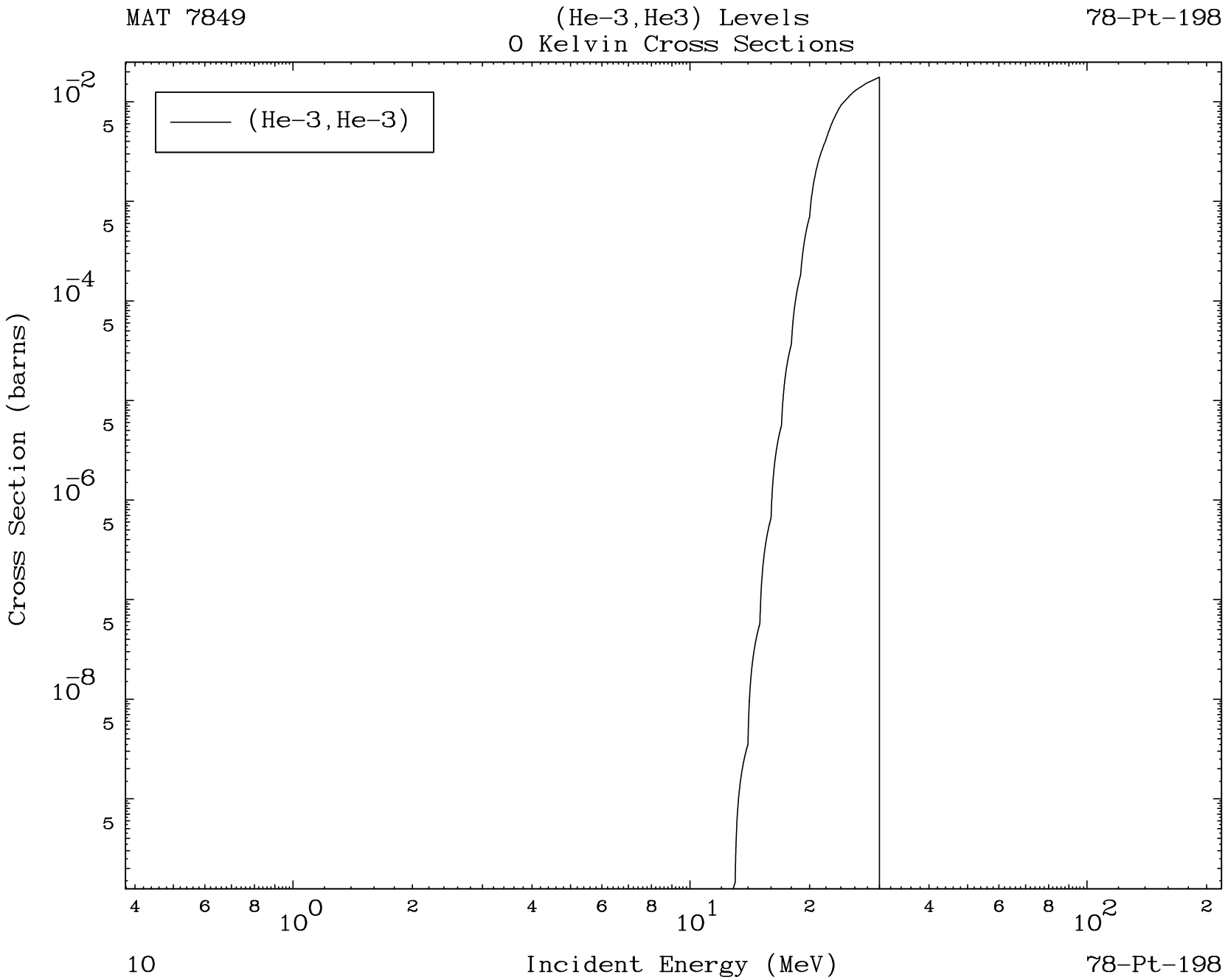

MAT 7849
(He-3,n') Level
0 Kelvin Cross Sections
78-Pt-198
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
78-Pt-198

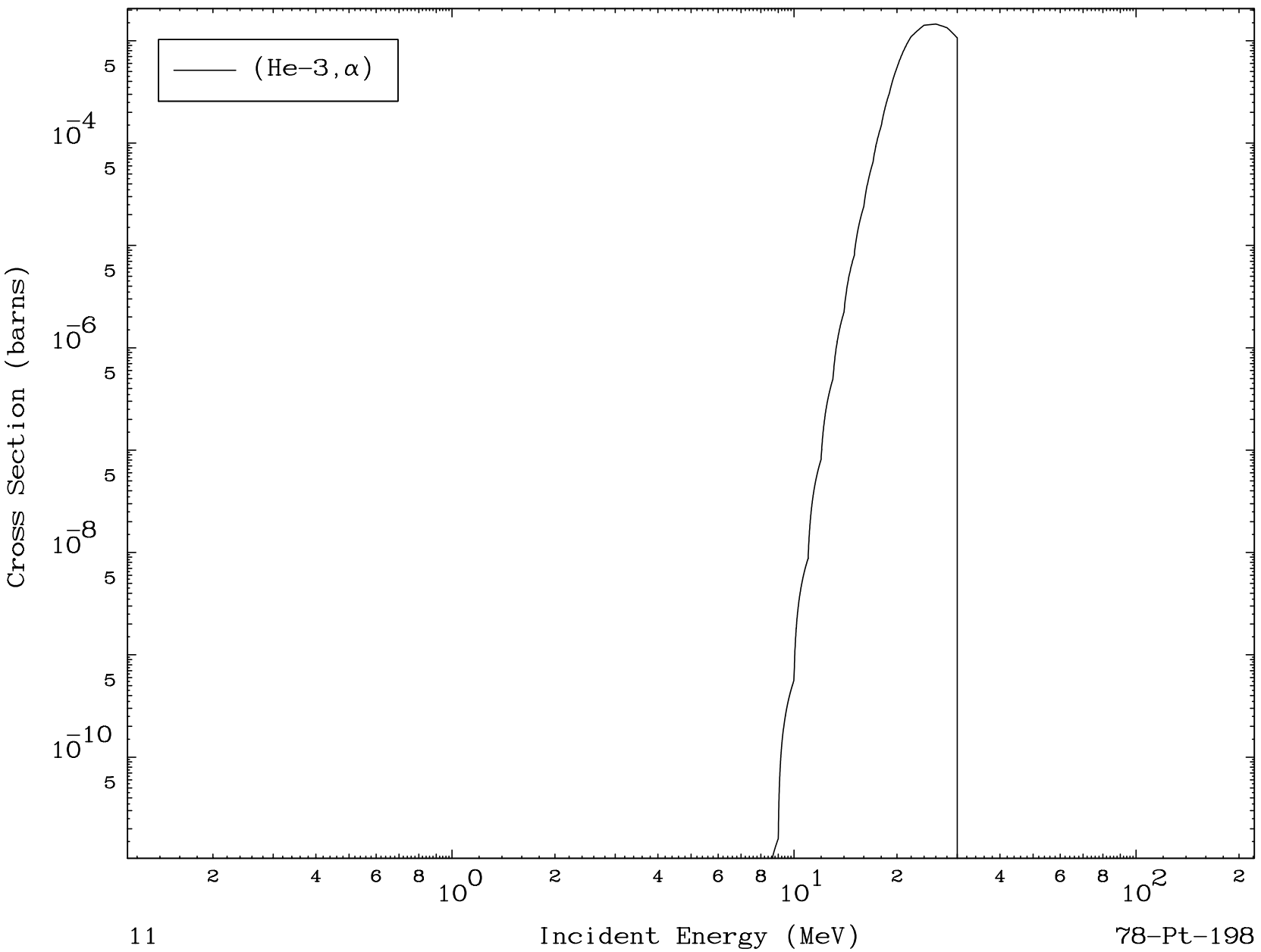

MAT 7849
(He-3,p) Levels
78-Pt-198
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
78-Pt-198

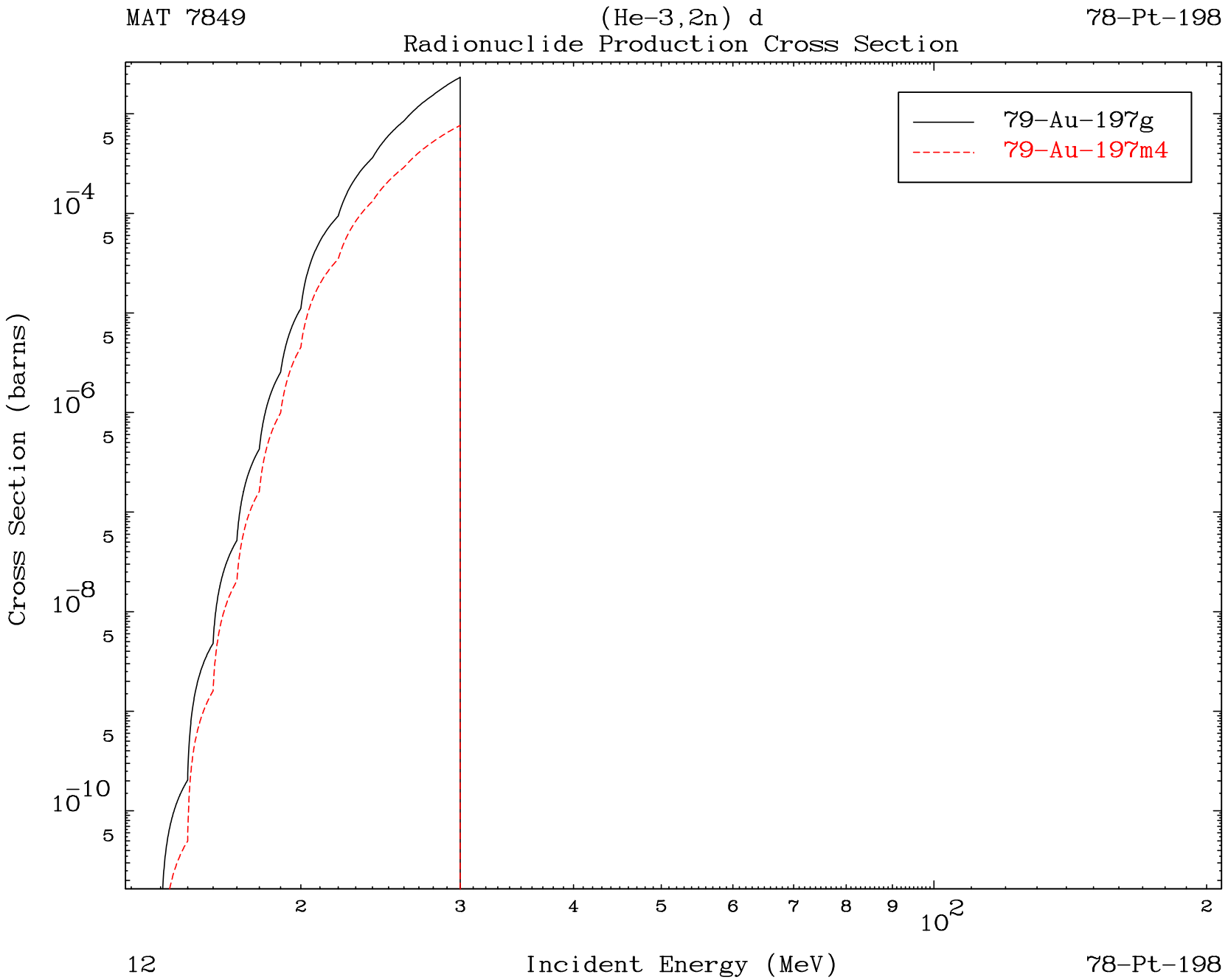
0 Kelvin Cross Sections

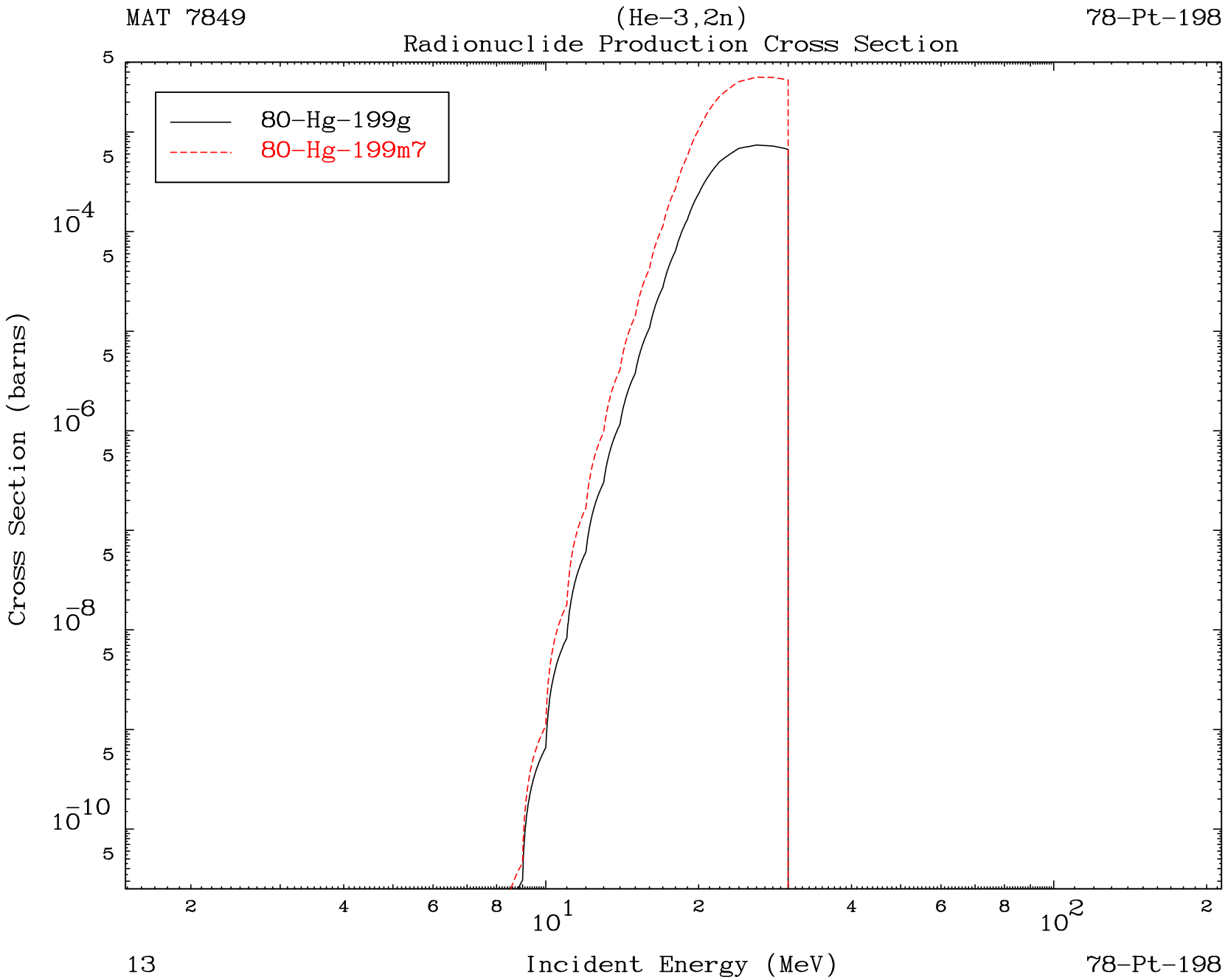


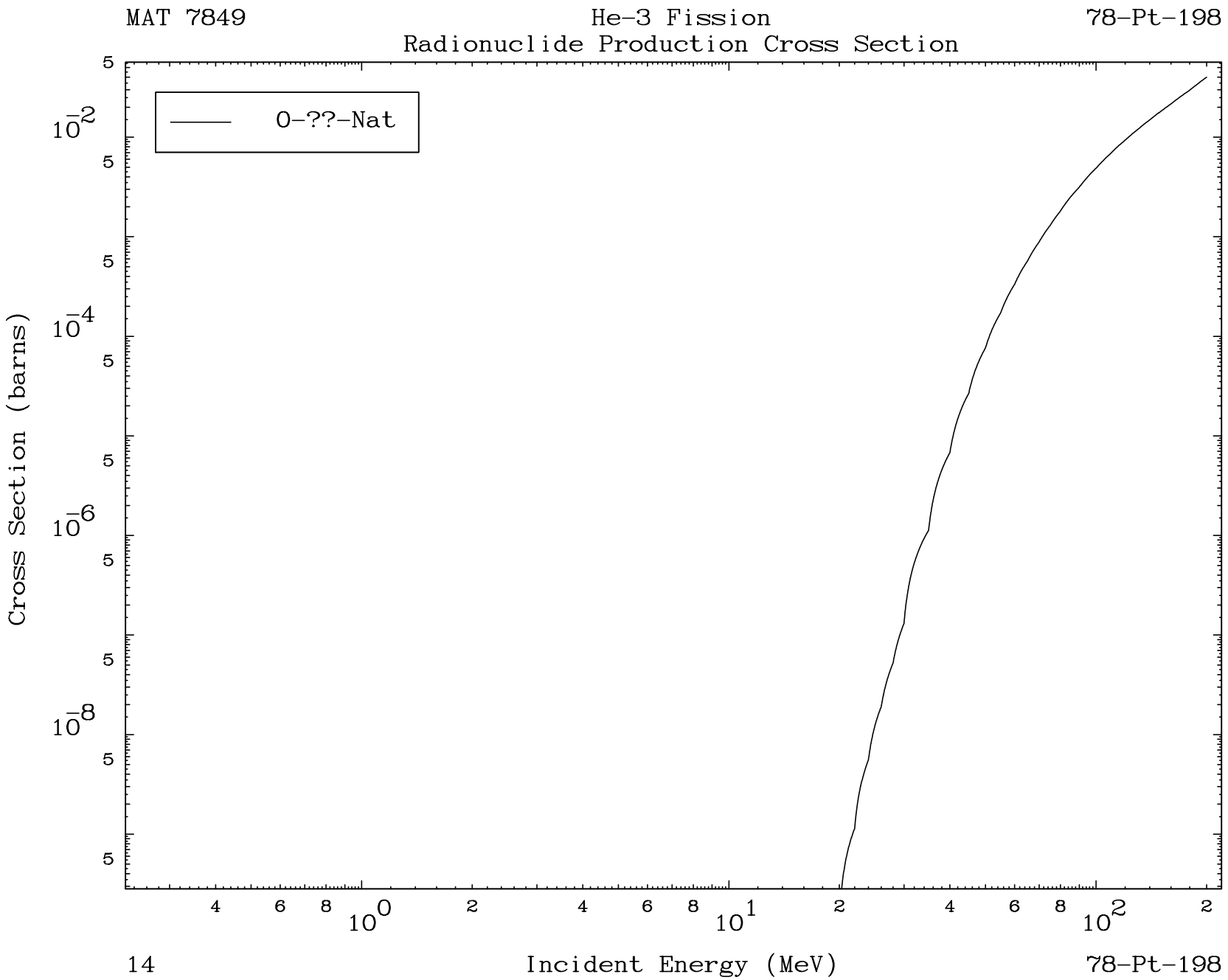

MAT 7849
(He-3,t) Levels
0 Kelvin Cross Sections
78-Pt-198
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
78-Pt-198

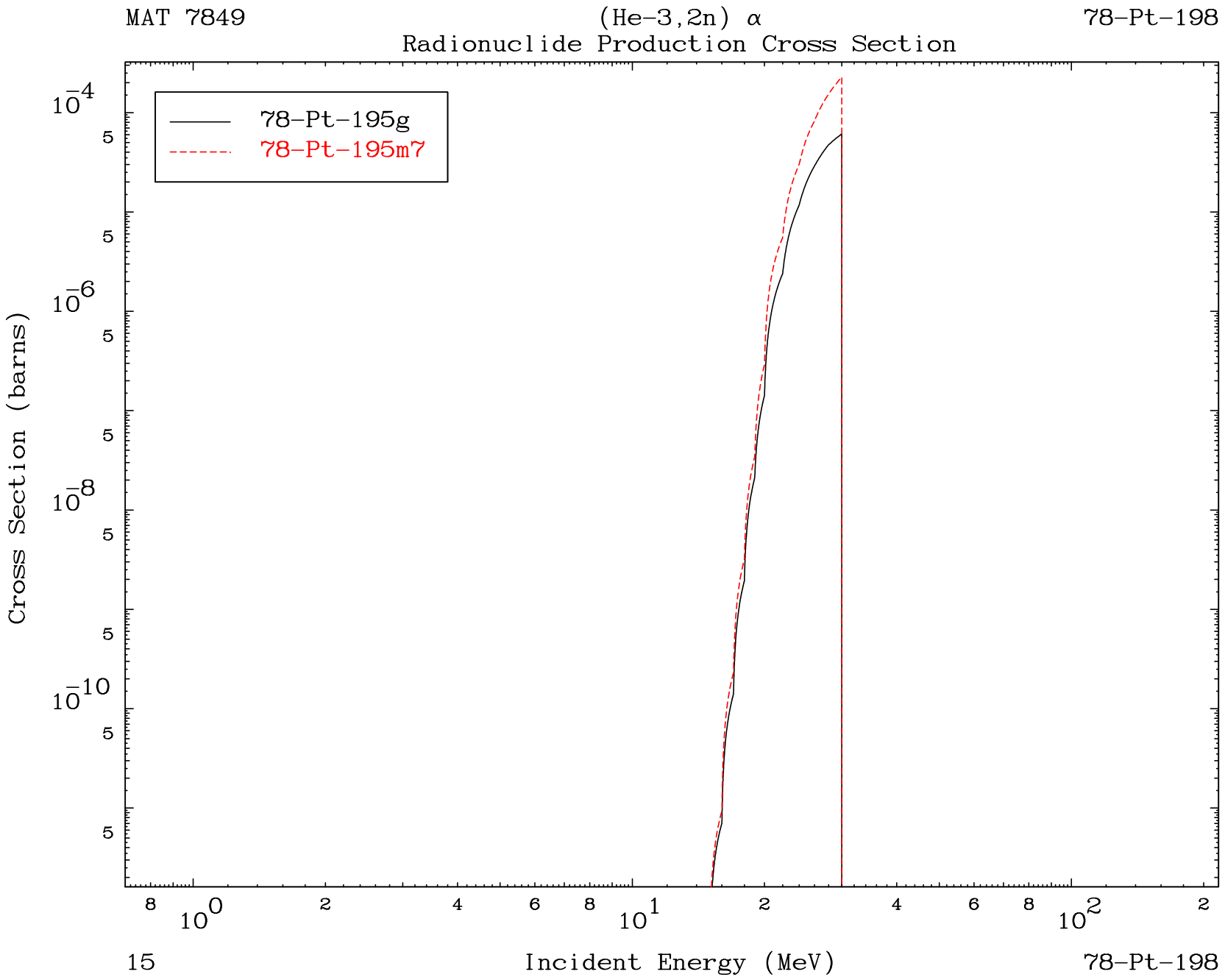

MAT 7849
(He-3,He3) Levels
78-Pt-198
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
78-Pt-198

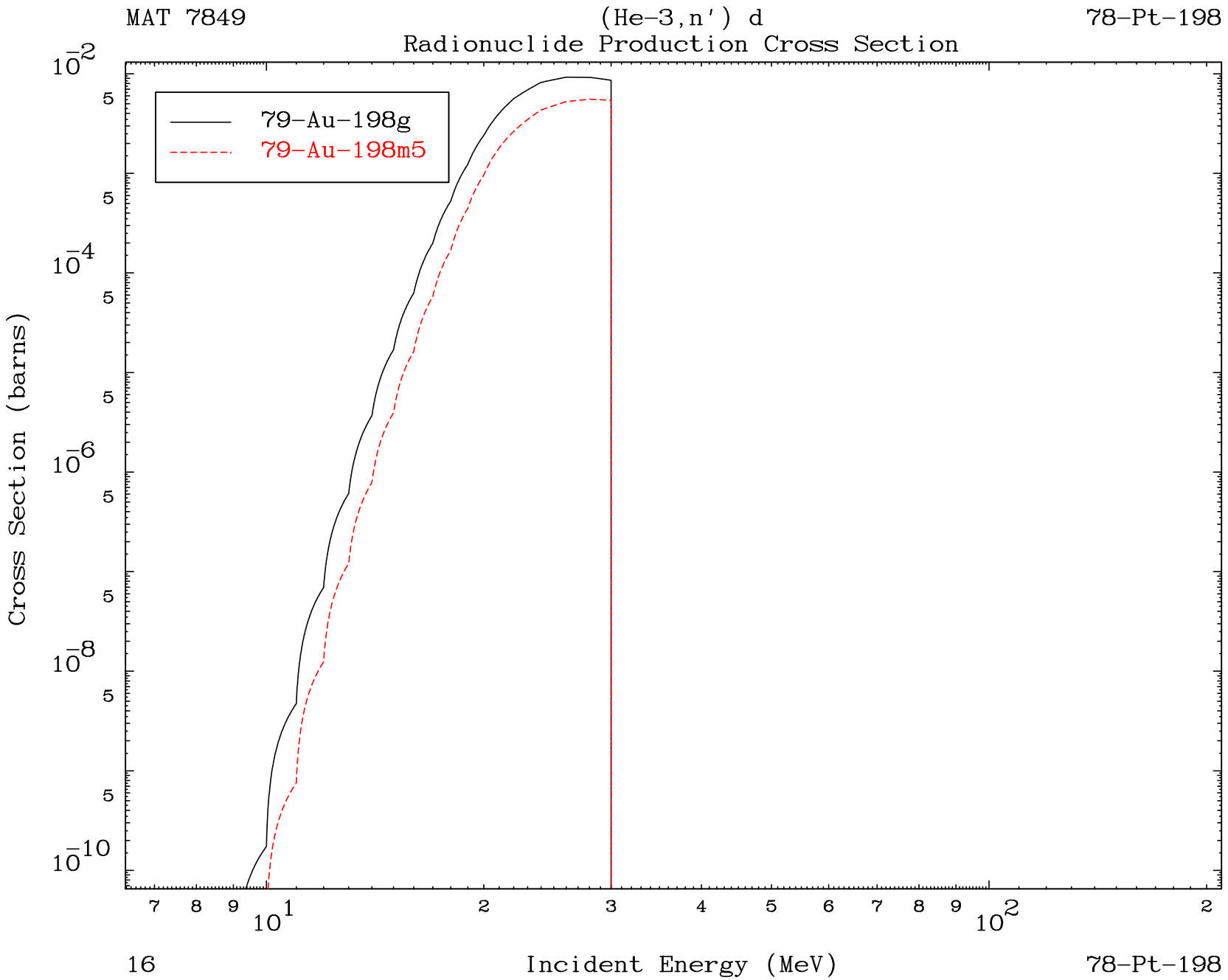

0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)

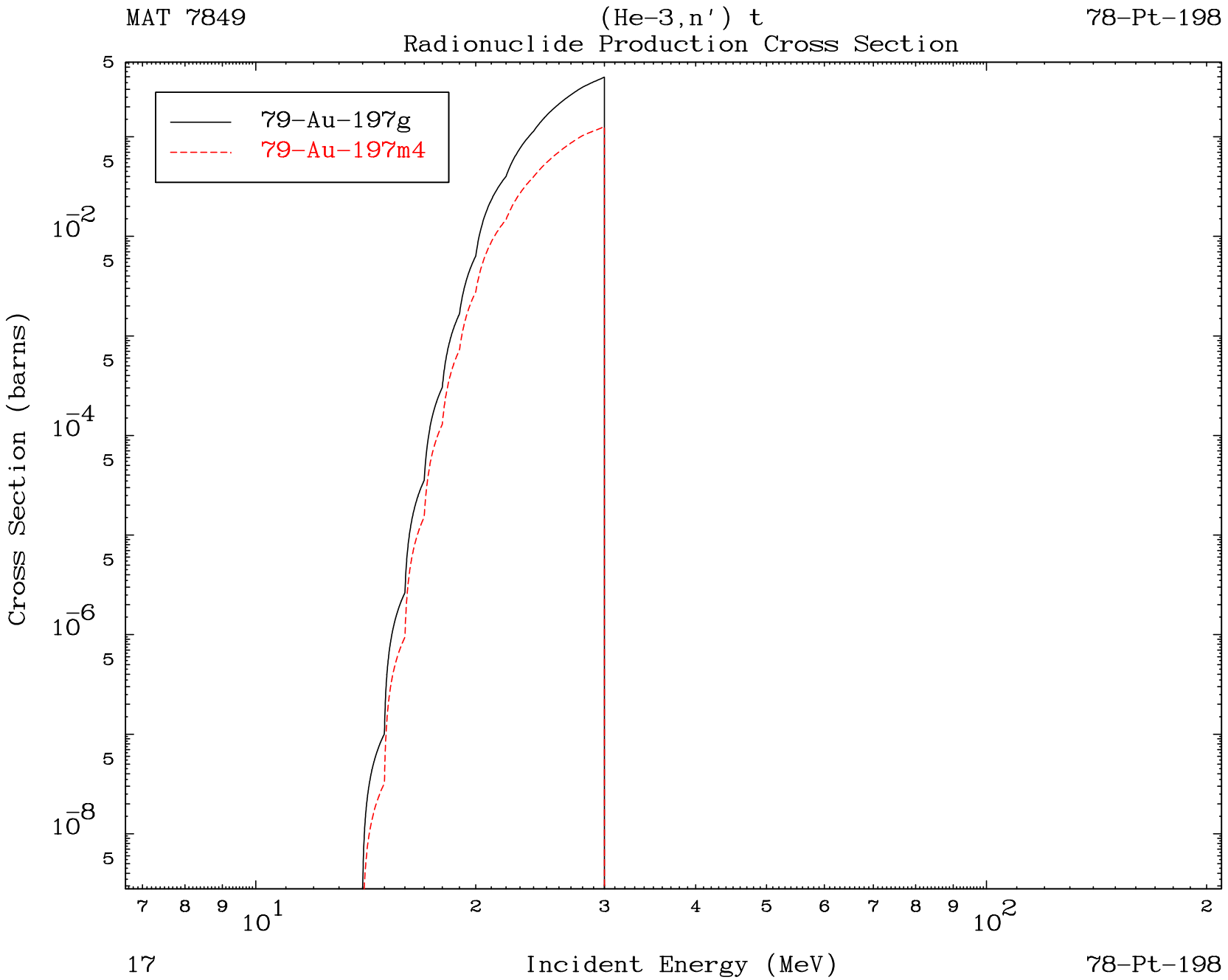

MAT 7849
(He-3,2n) d
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10^2
12
78-Pt-198

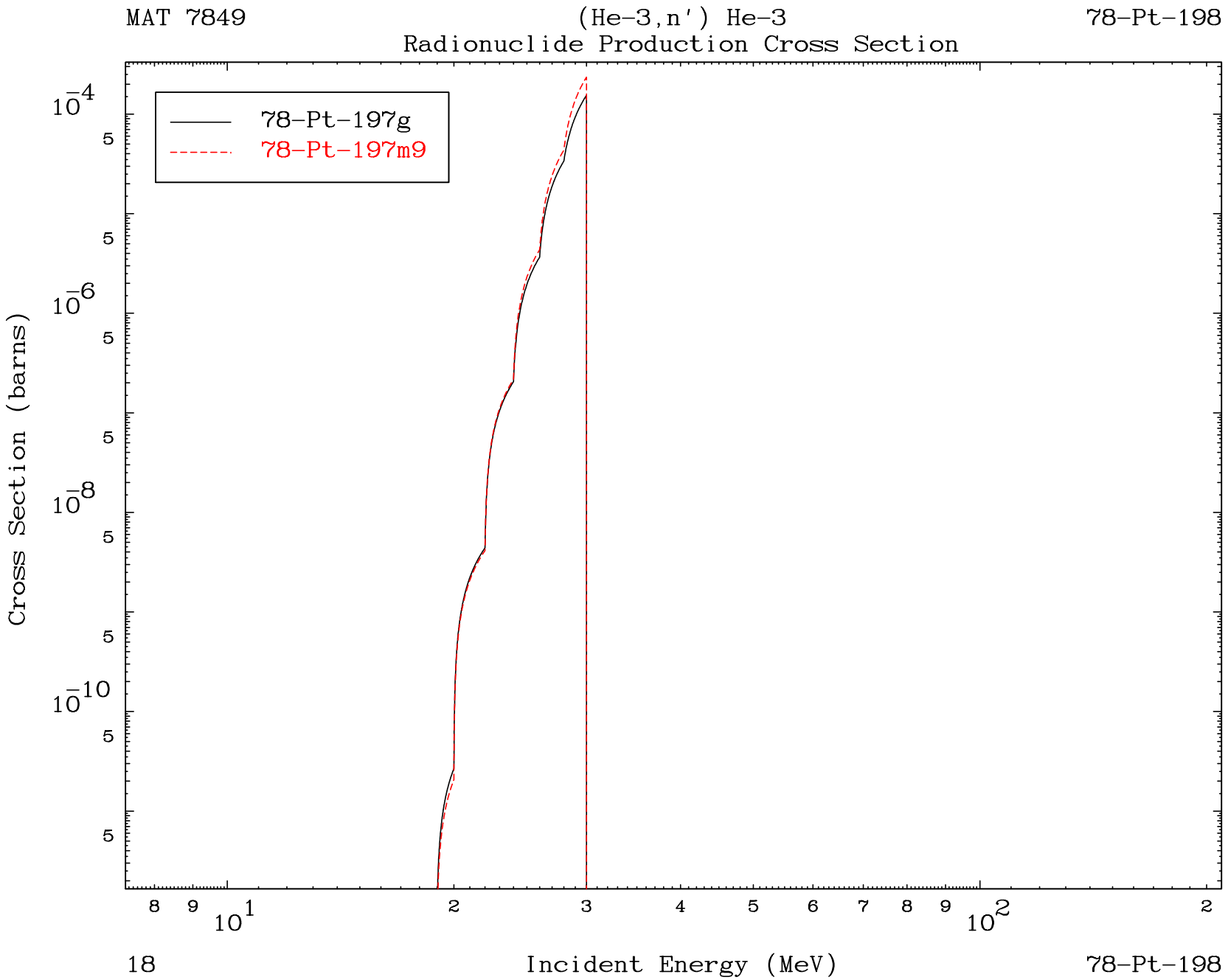

MAT 7849
(He-3,2n)
78-Pt-198
Radionuclide Production Cross Section
80-Hg-199g
80-Hg-199m7
Cross Section (barns)
Incident Energy (MeV)
13
78-Pt-198

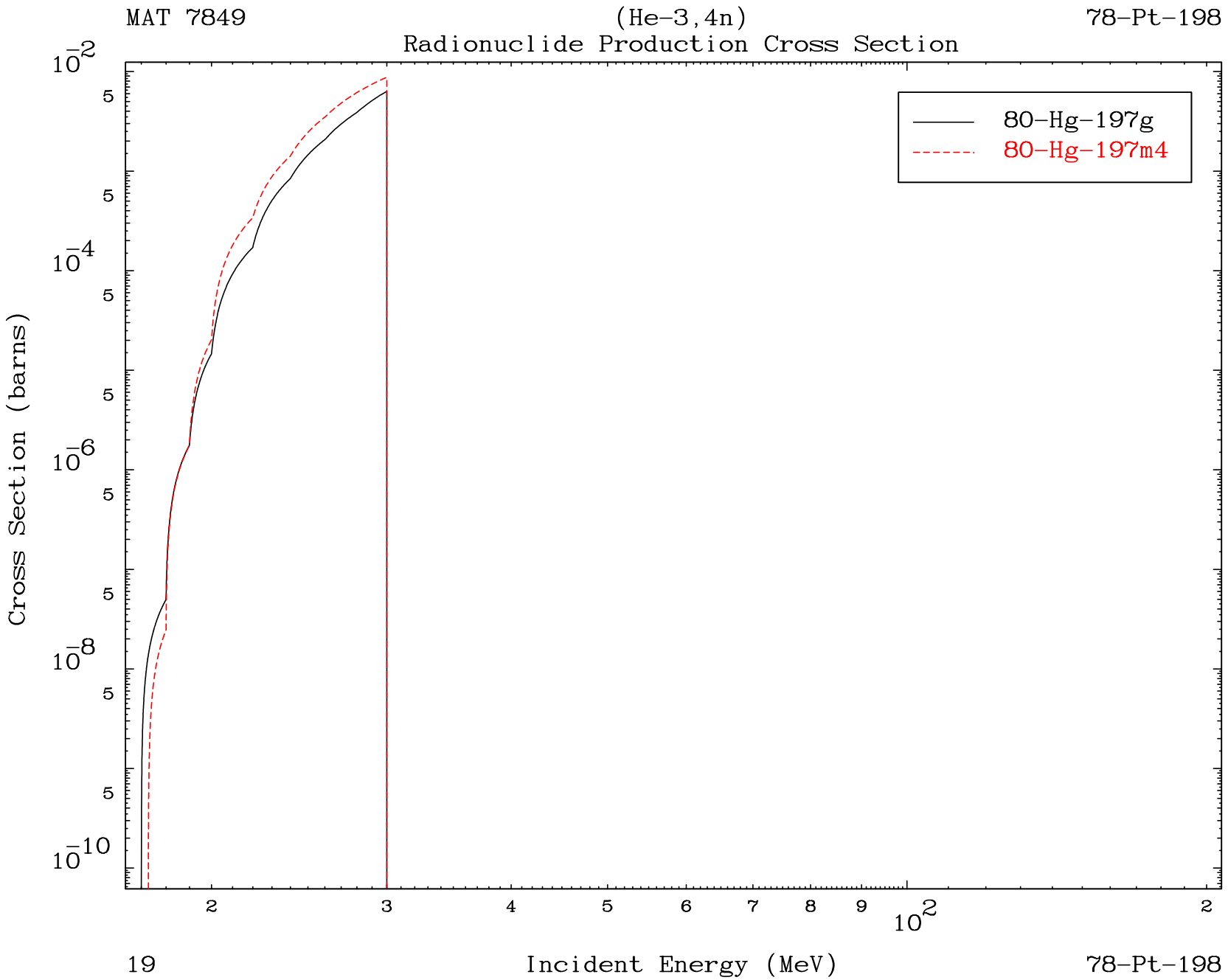

MAT 7849
He-3 Fission
78-Pt-198
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
78-Pt-198

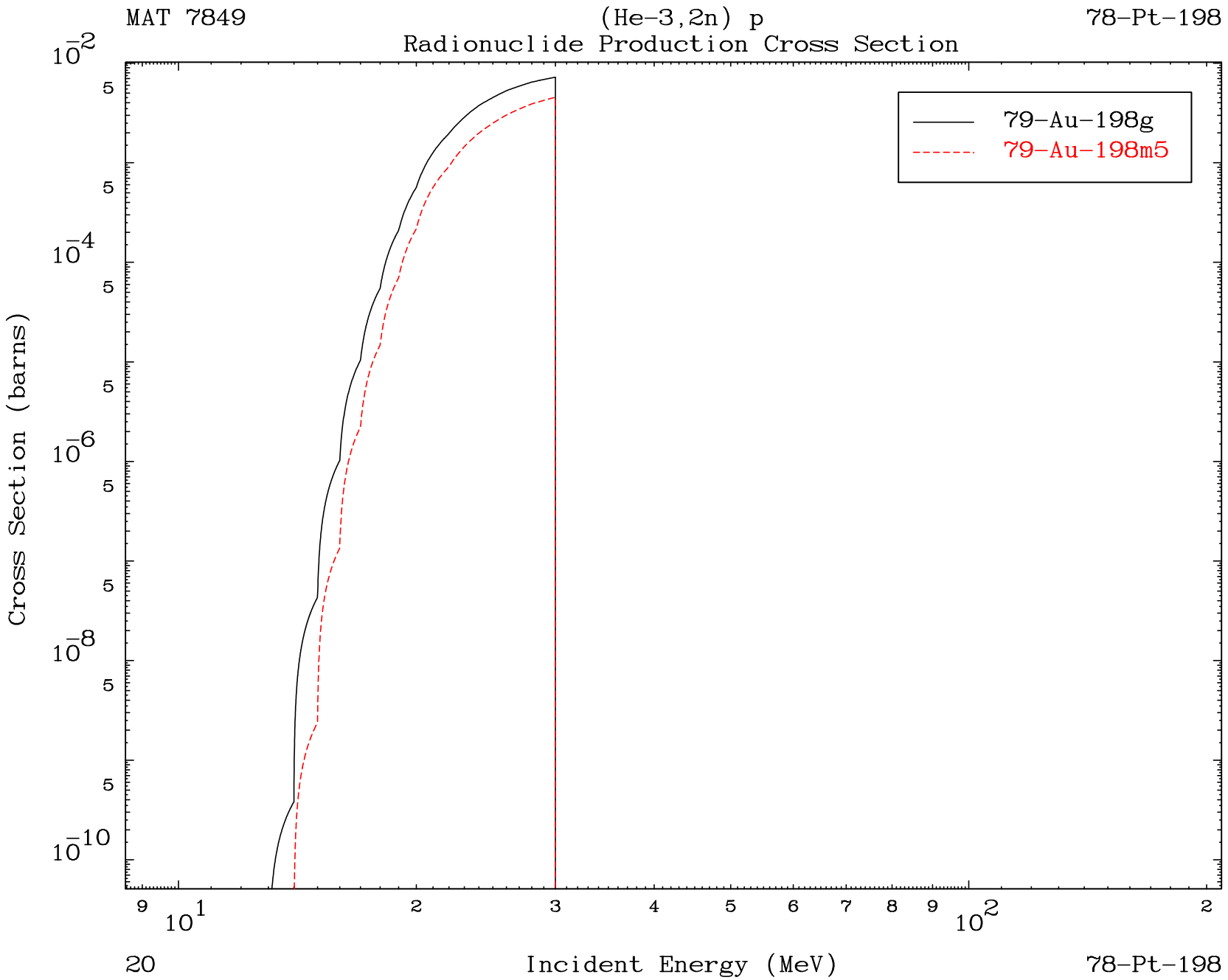

MAT 7849
(He-3,2n) α
78-Pt-198
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
15
78-Pt-198


MAT 7849
(He-3,n') d
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m5
Cross Section (barns)
Incident Energy (MeV)
16
78-Pt-198


MAT 7849
(He-3,n') t
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
17
78-Pt-198


MAT 7849
(He-3,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
(He-3,4n)
78-Pt-198
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
19
78-Pt-198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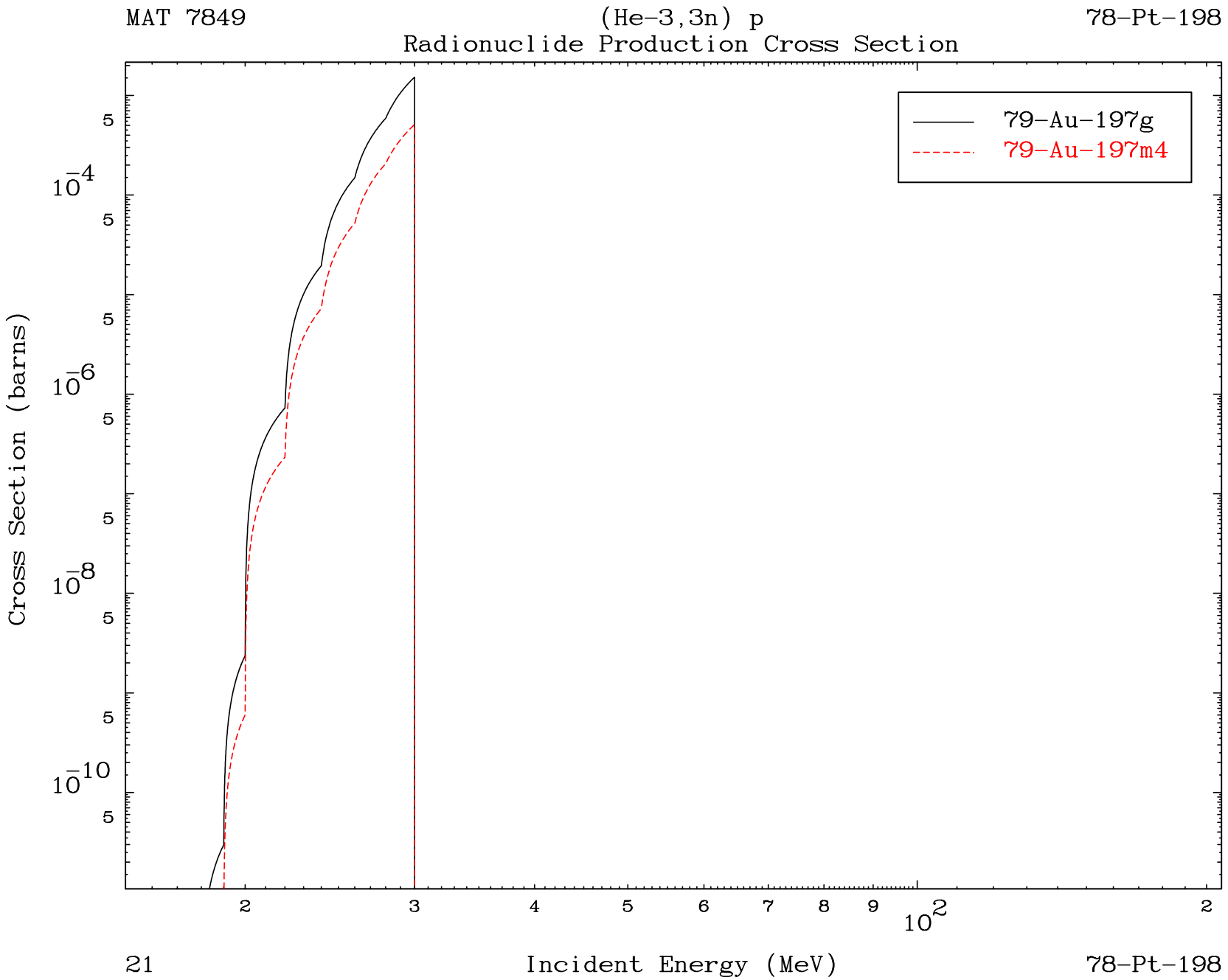
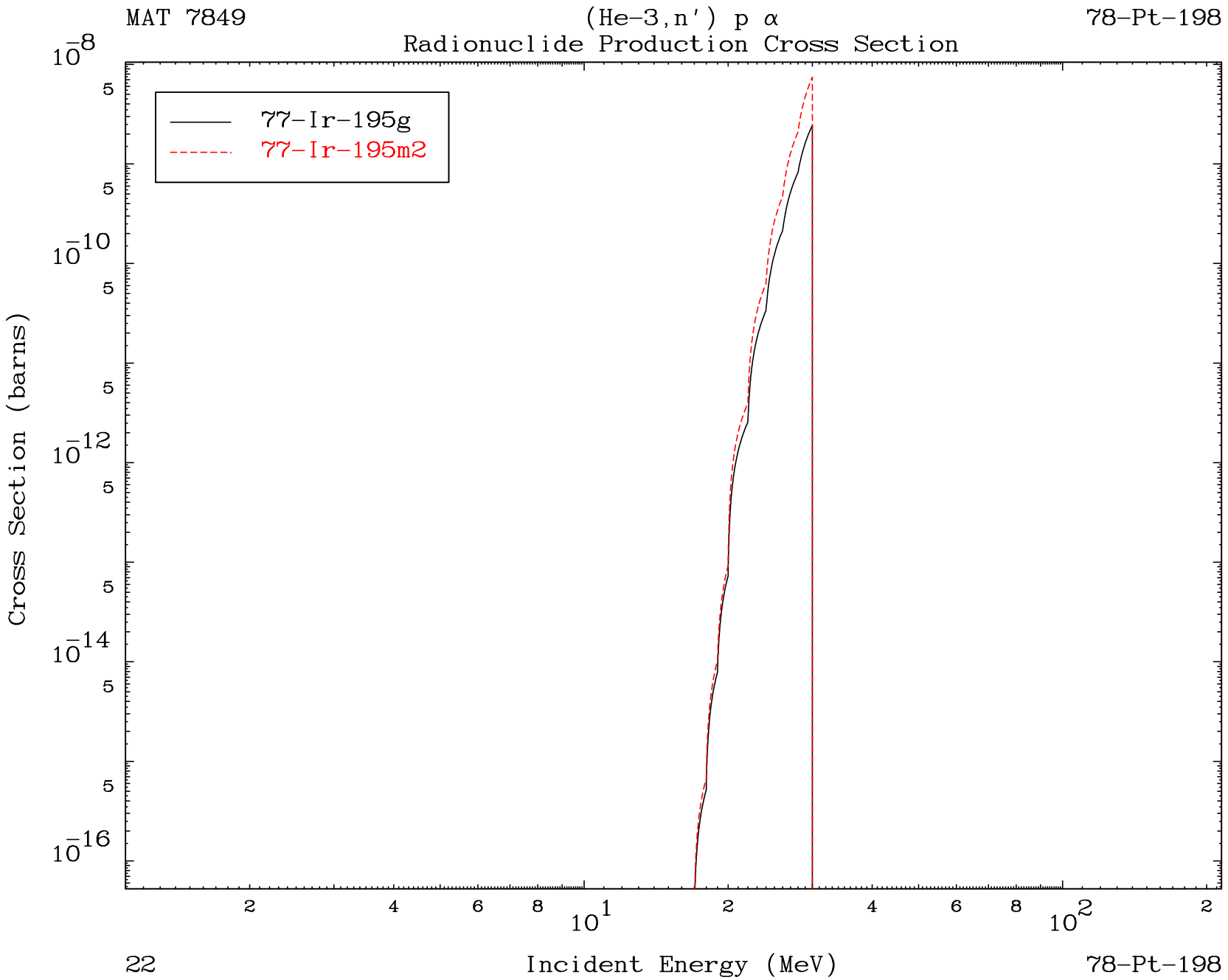
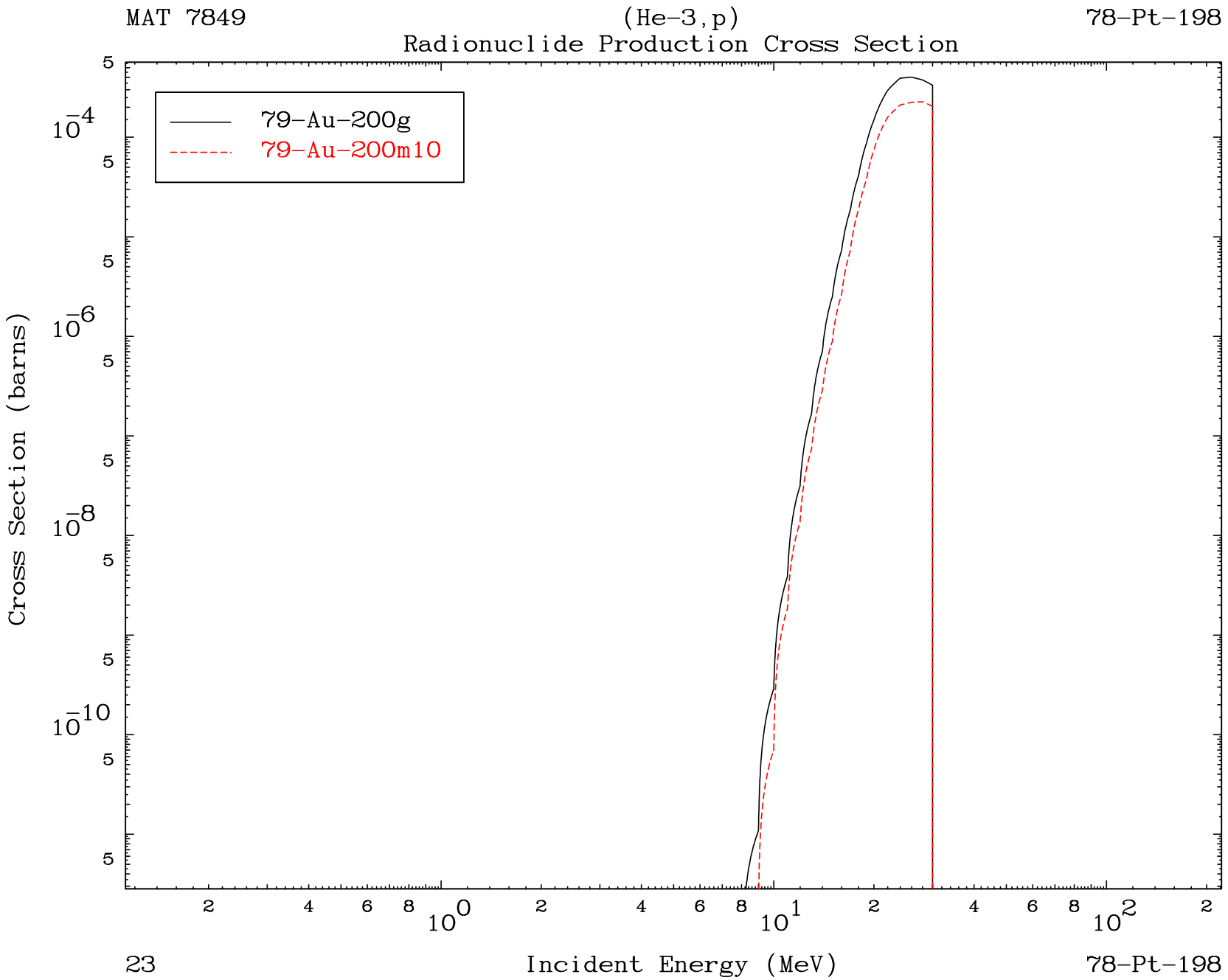
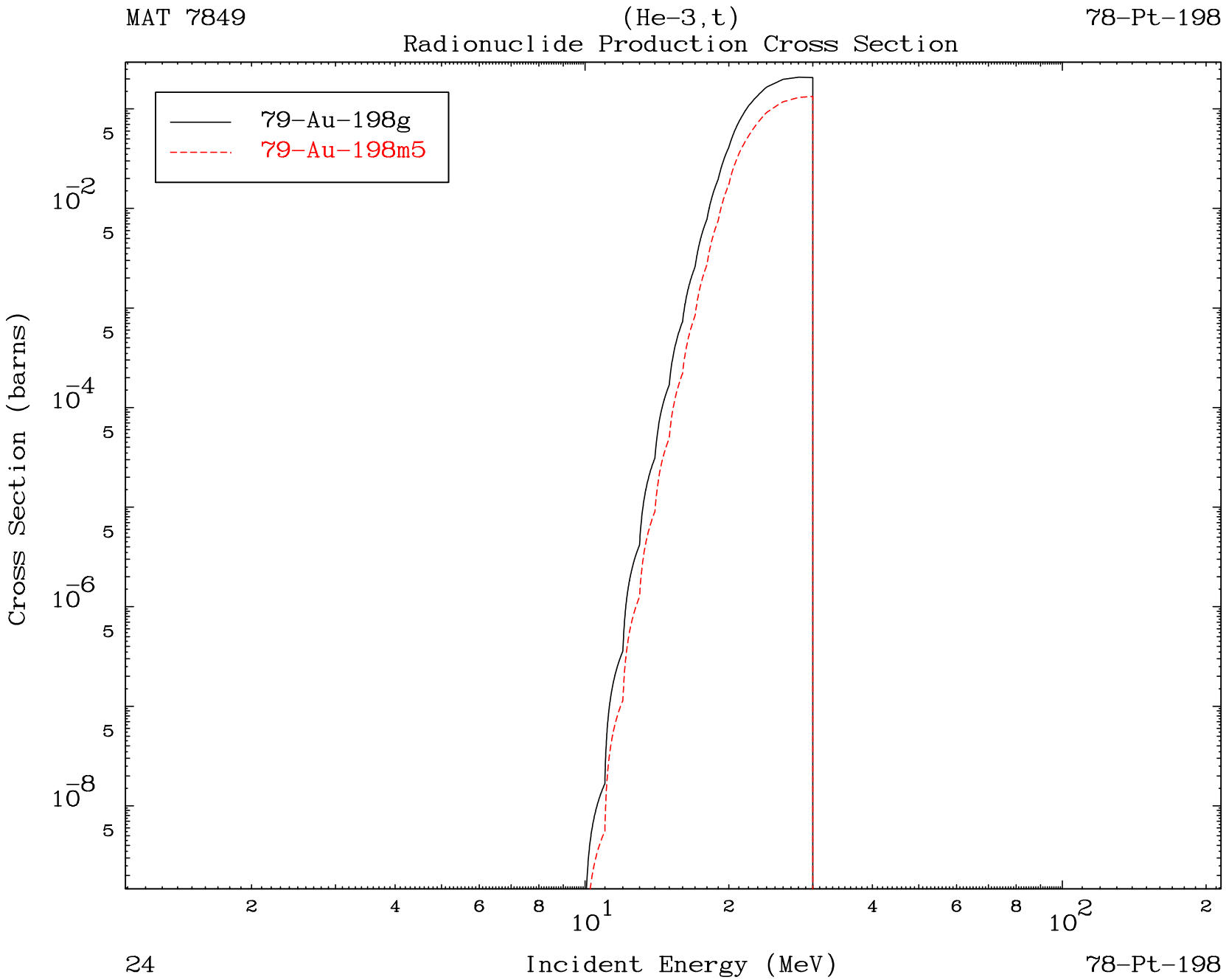
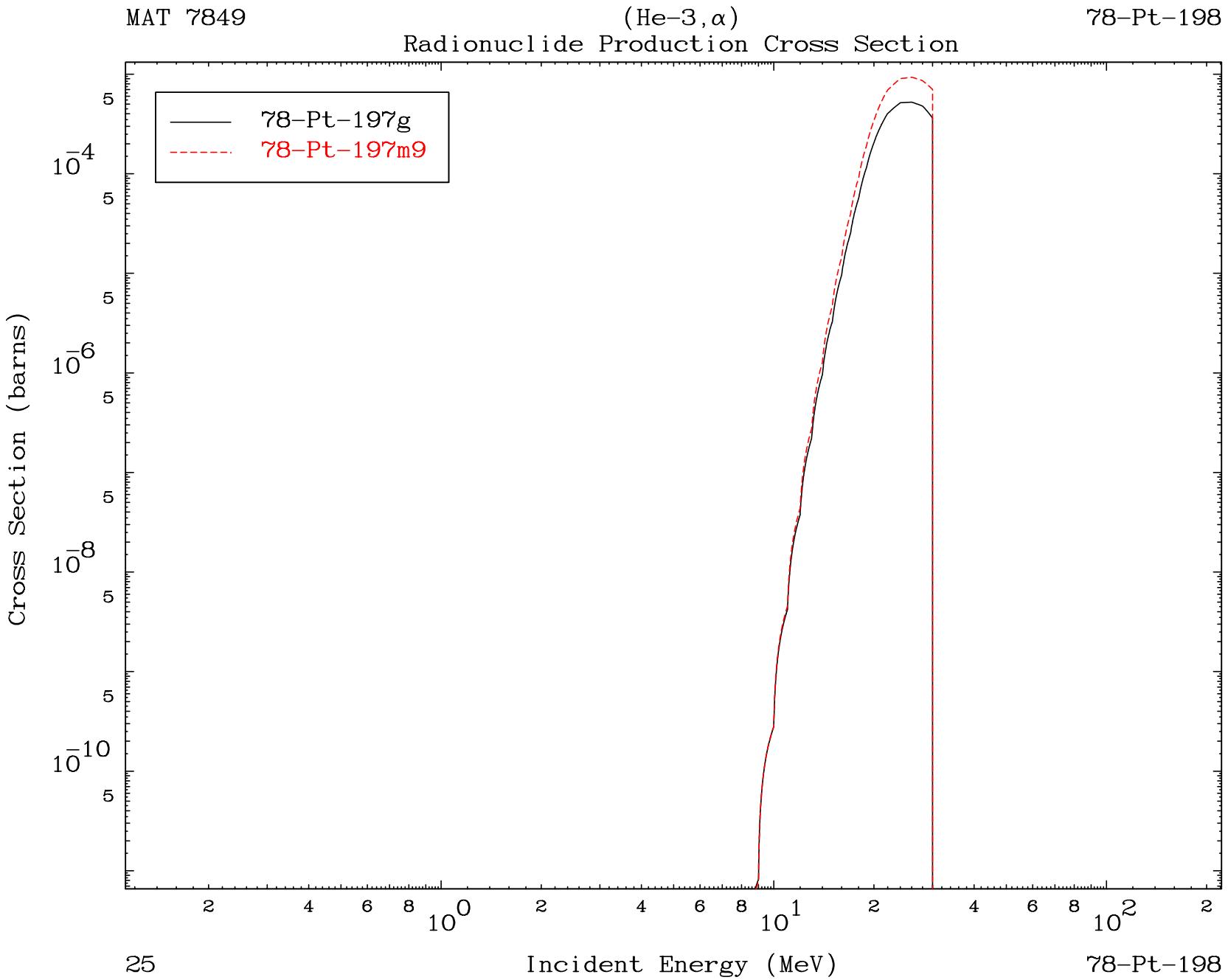
(He-3,2n) p
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m5
Cross Section (barns)
Incident Energy (MeV)
20
78-Pt-198

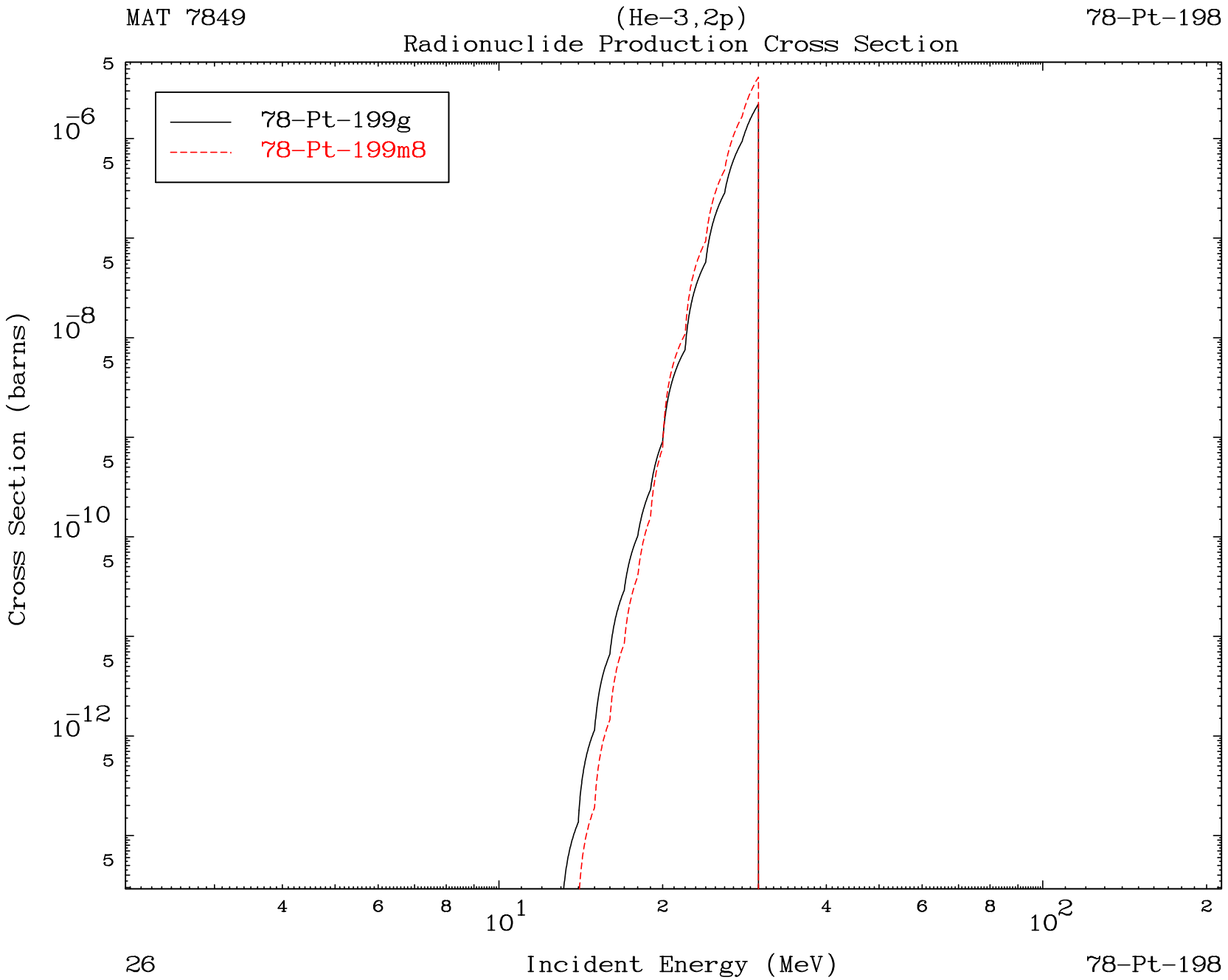

MAT 7849
(He-3,3n) p
78-Pt-198
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
21
Incident Energy (MeV)
78-Pt-198

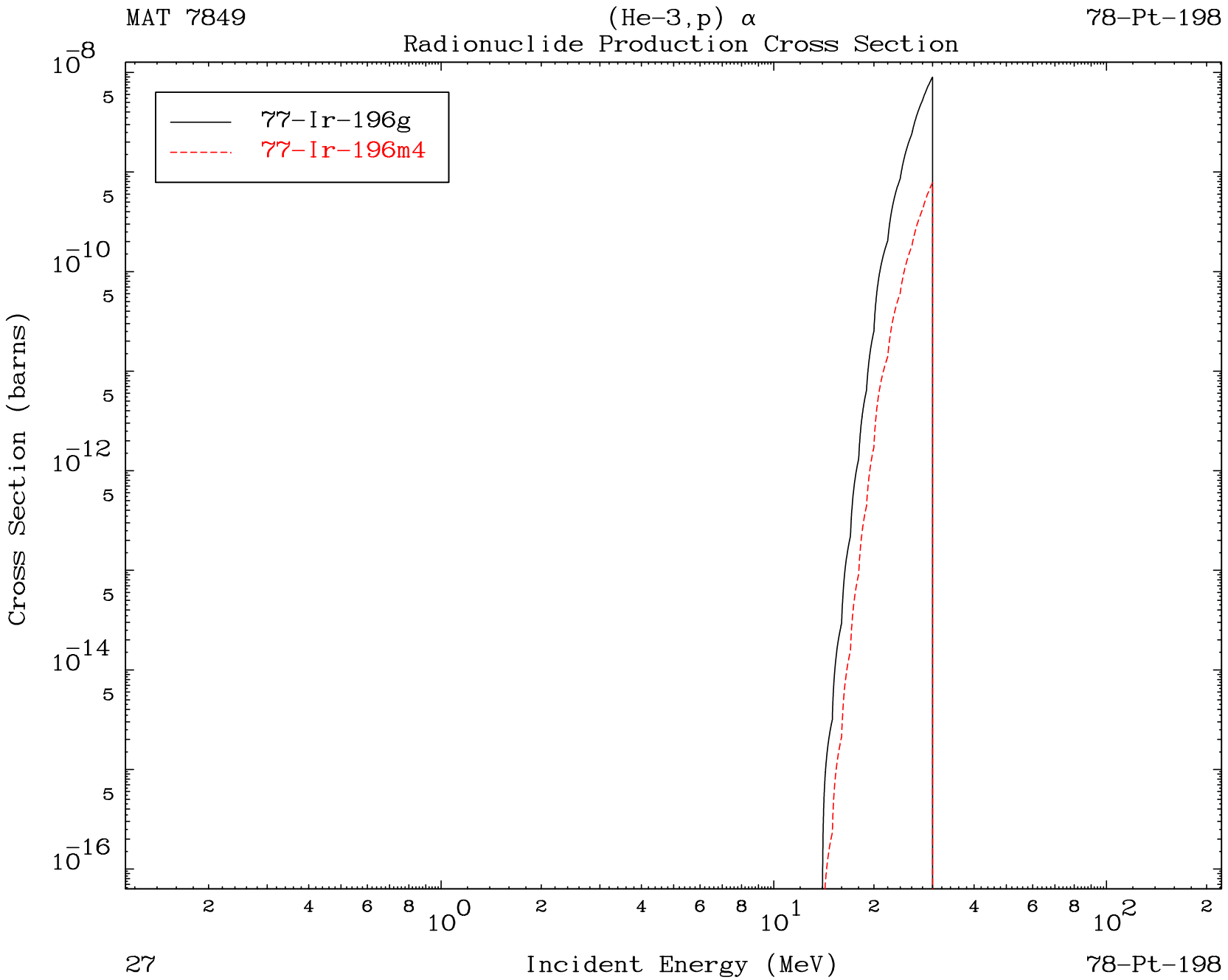

MAT 7849
(He-3,n') p α
78-Pt-198
Radionuclide Production Cross Section
77-Ir-195g
77-Ir-195m2
Cross Section (barns)
Incident Energy (MeV)
22
78-Pt-198

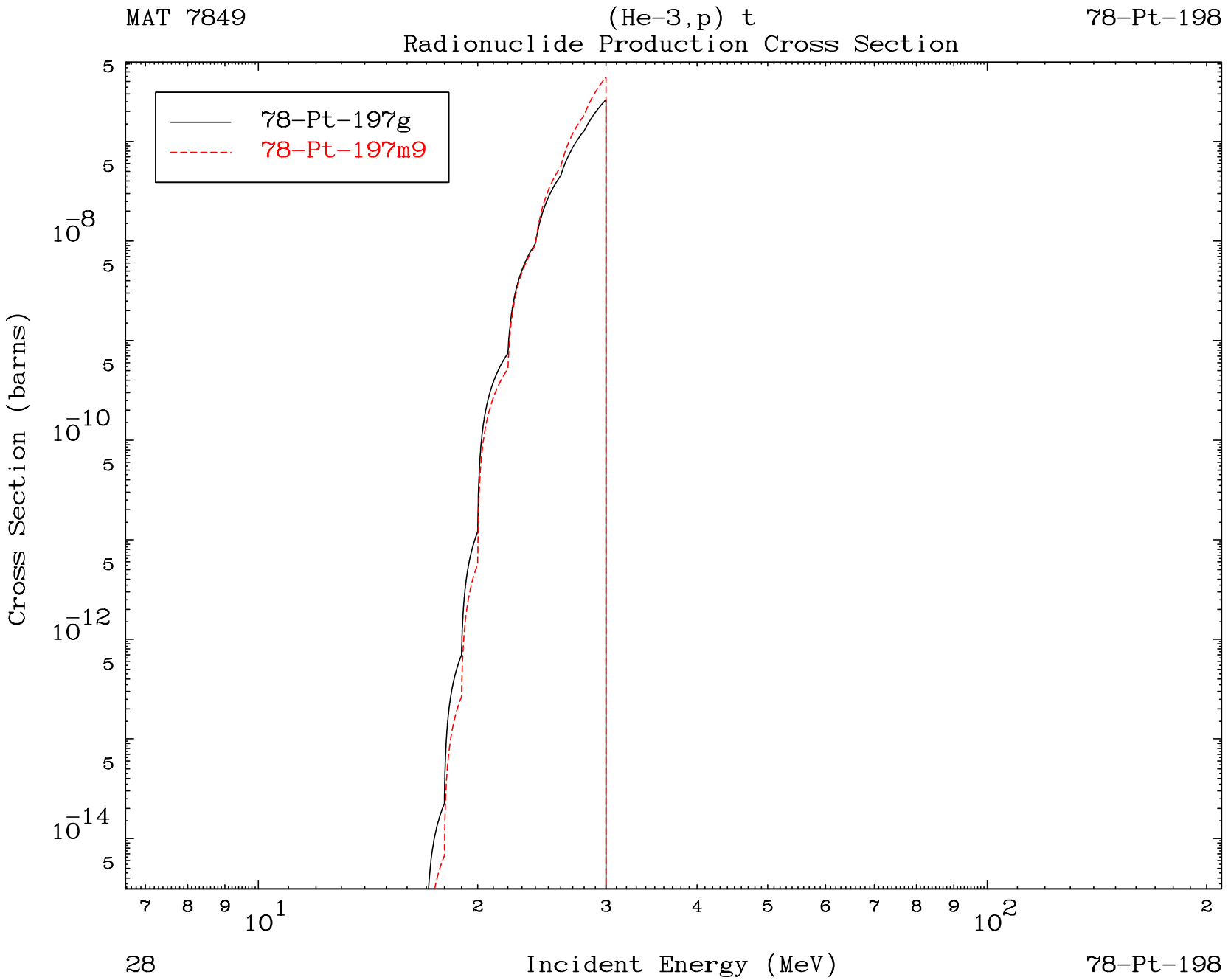

MAT 7849
(He-3,p)
78-Pt-198
Radionuclide Production Cross Section
79-Au-200g
79-Au-200m10
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
23
78-Pt-198


MAT 7849
(He-3,t)
78-Pt-198
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m5
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
24
Incident Energy (MeV)
78-Pt-198


MAT 7849
(He-3,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
(He-3,2p)
78-Pt-198
Radionuclide Production Cross Section
78-Pt-199g
78-Pt-199m8
Cross Section (barns)
Incident Energy (MeV)
26
78-Pt-198


MAT 7849
(He-3,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
(He-3,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