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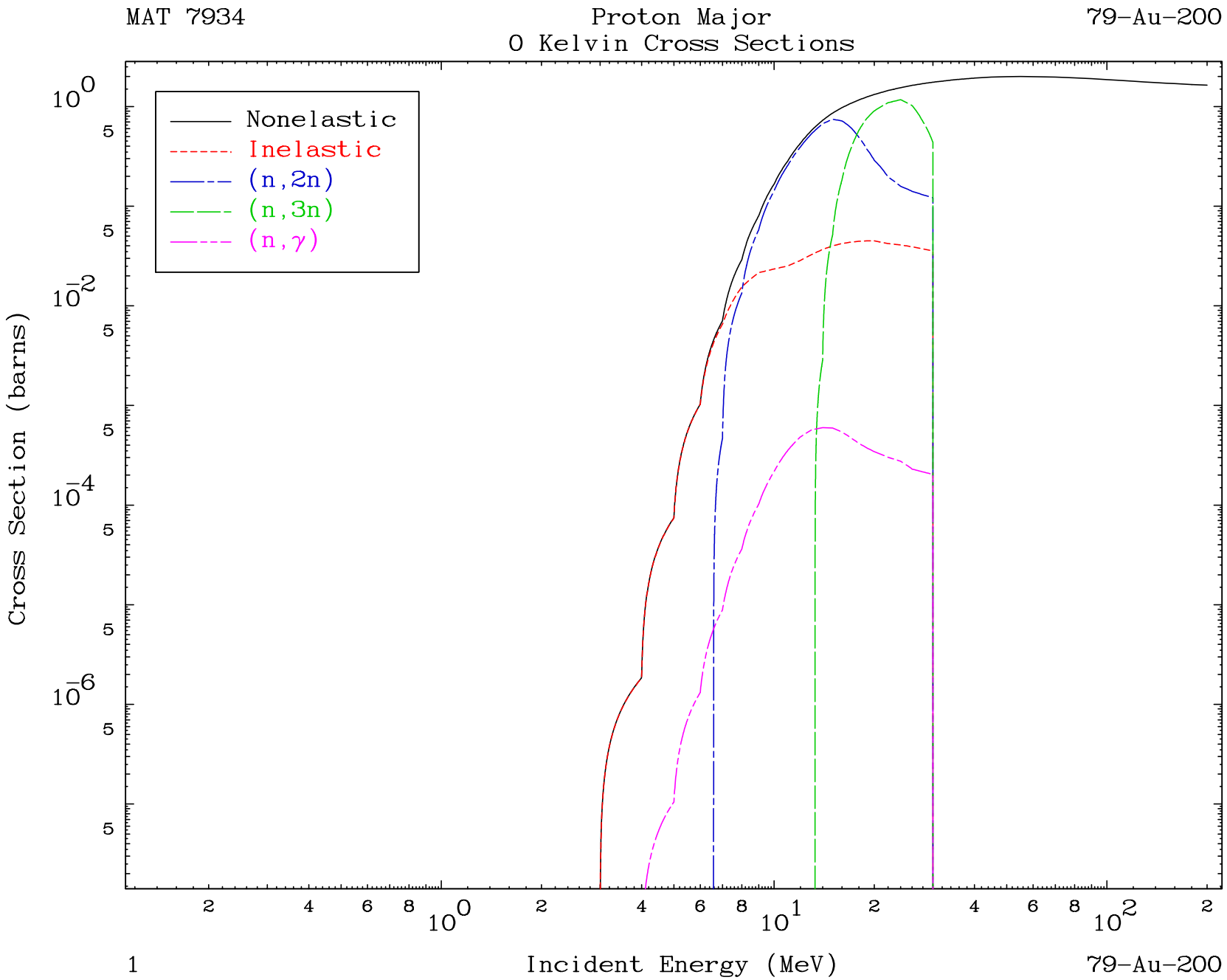
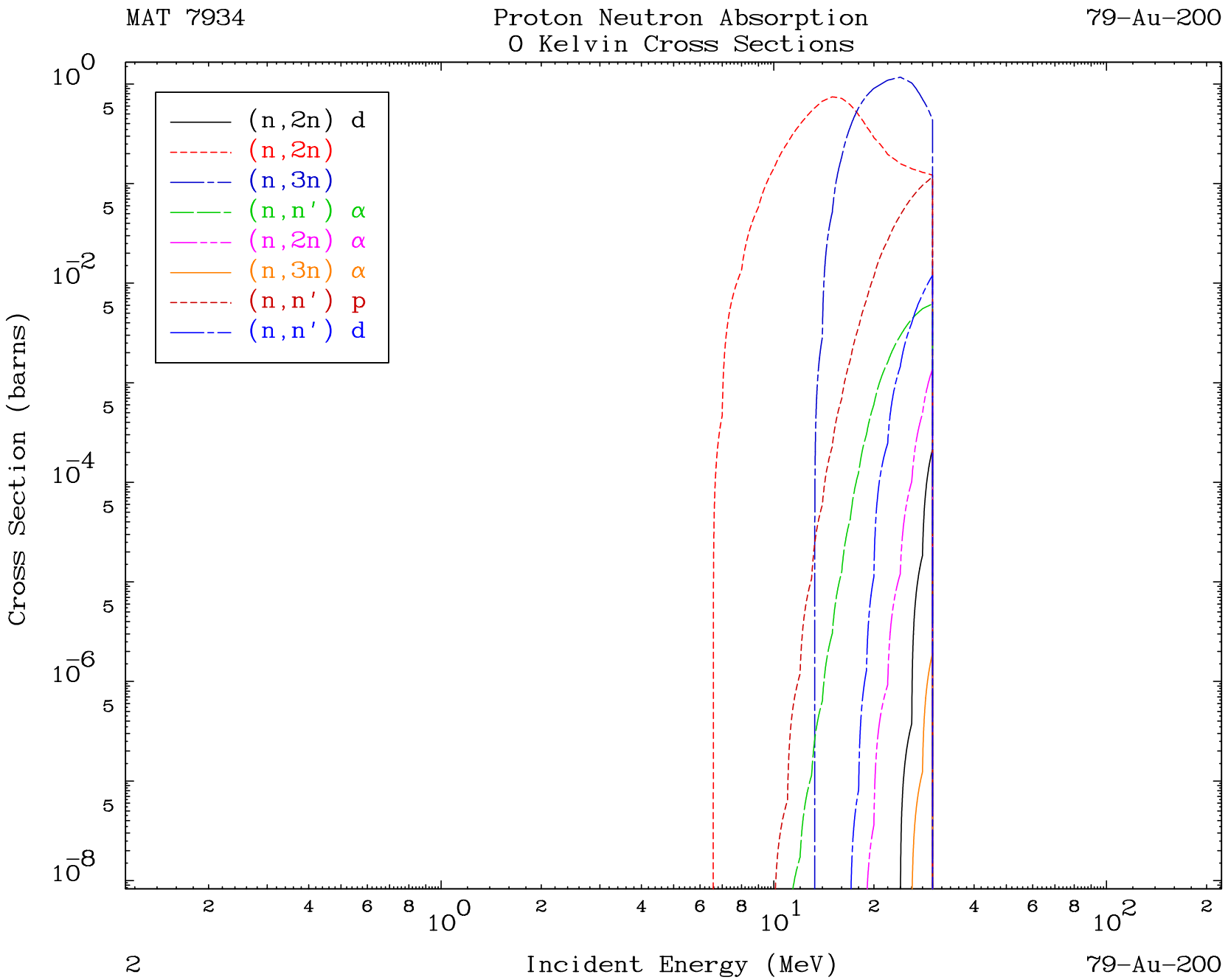
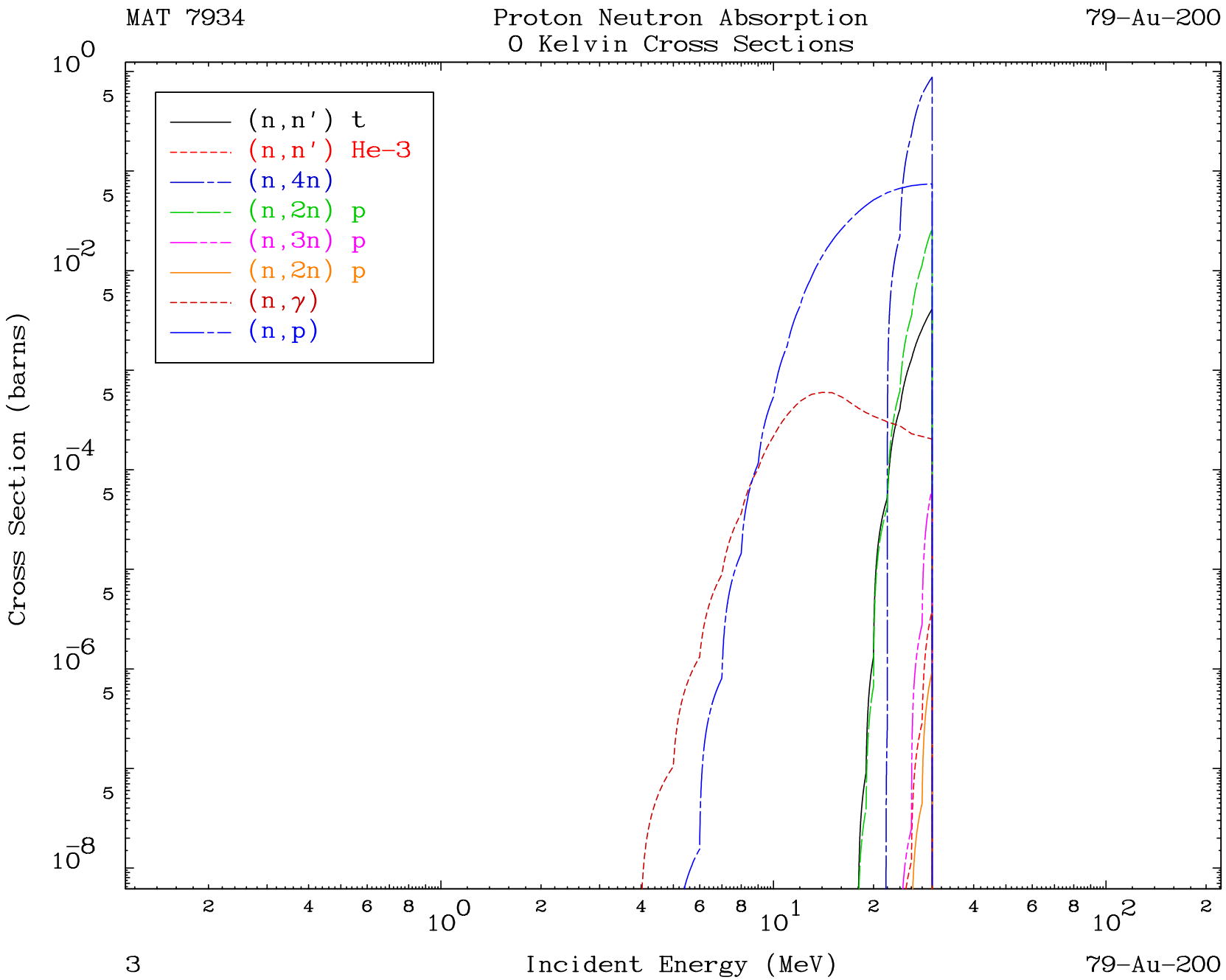
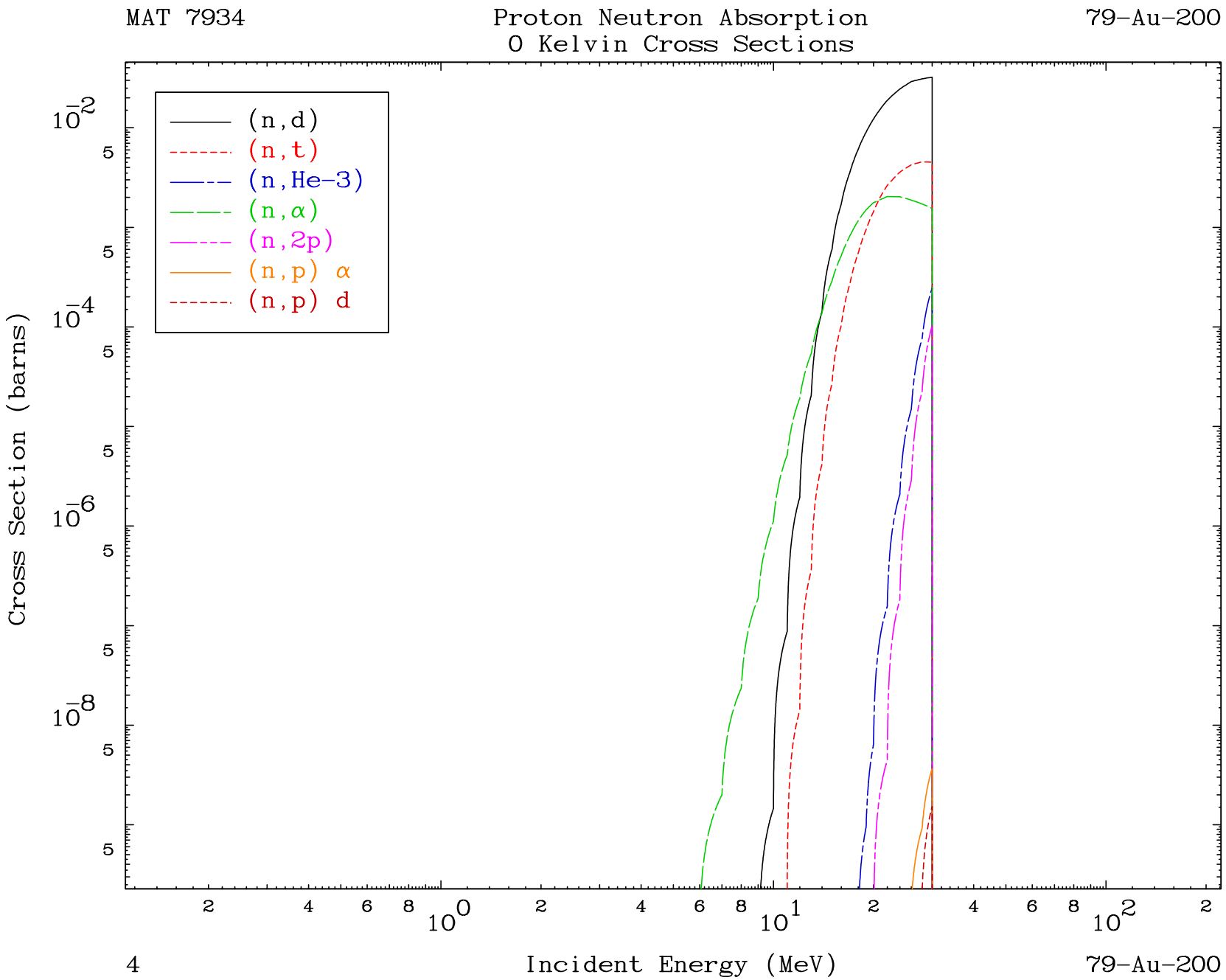
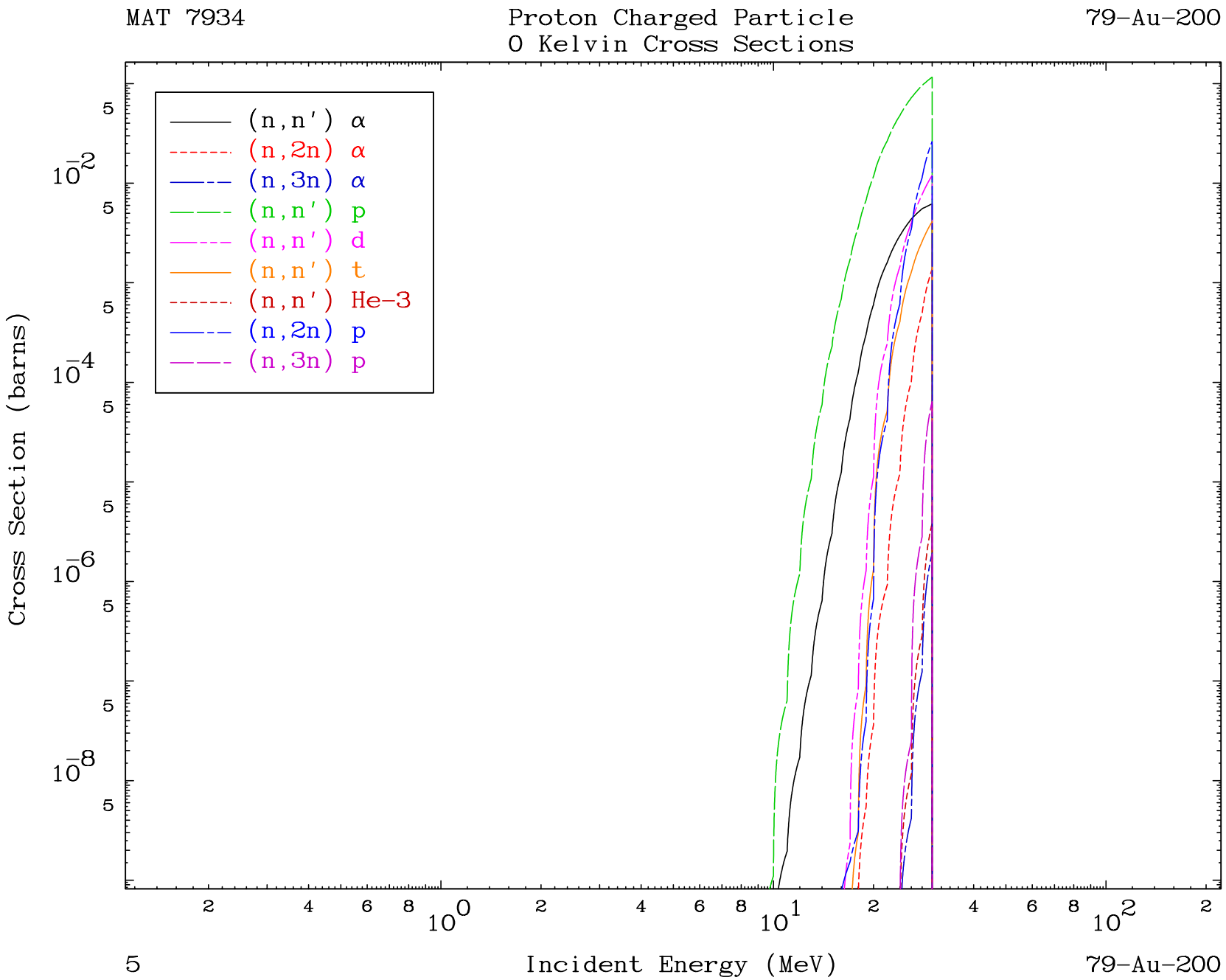
Press Mouse Button to Start

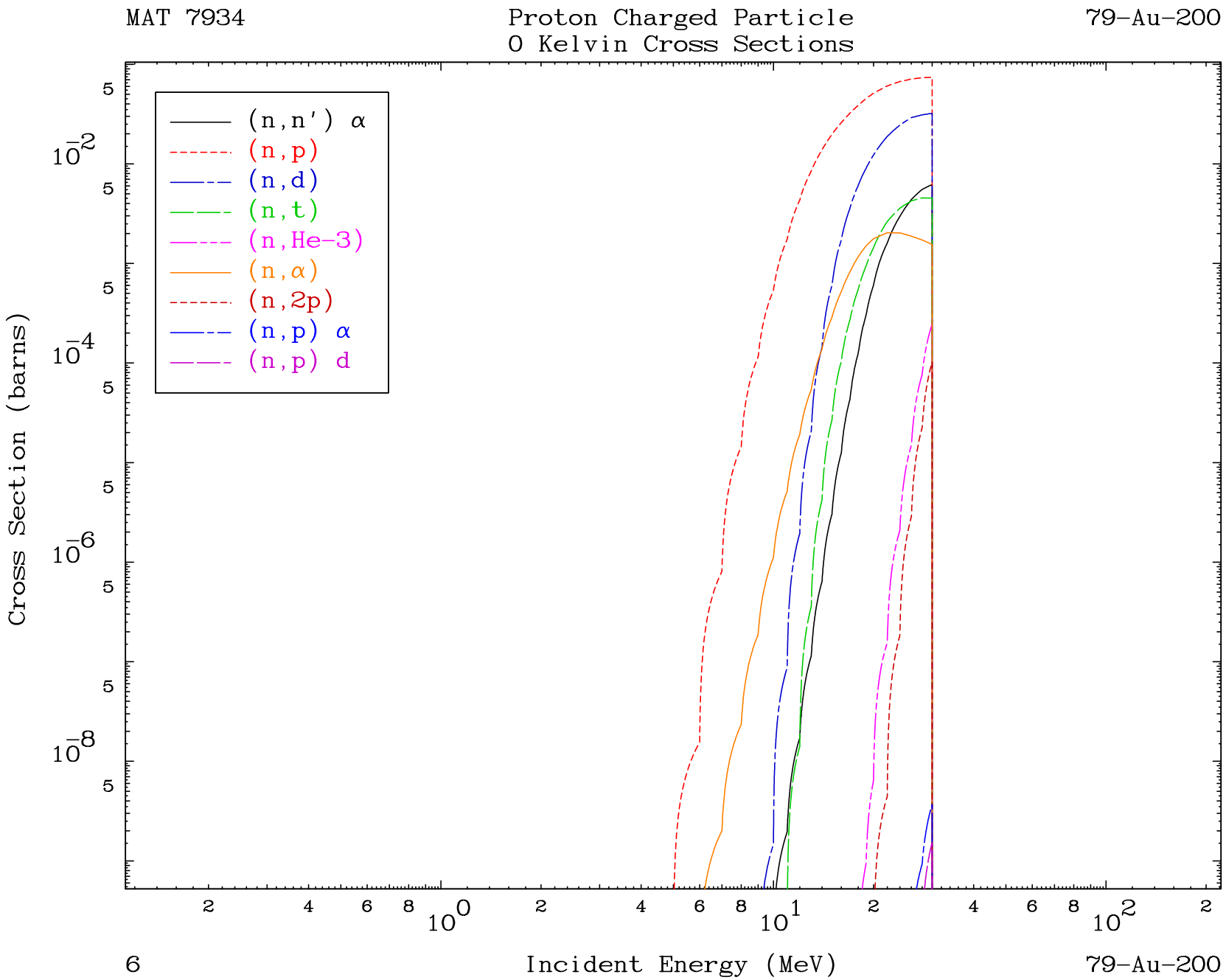

MAT 7934
Proton Major
79-Au-200
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
79-Au-200

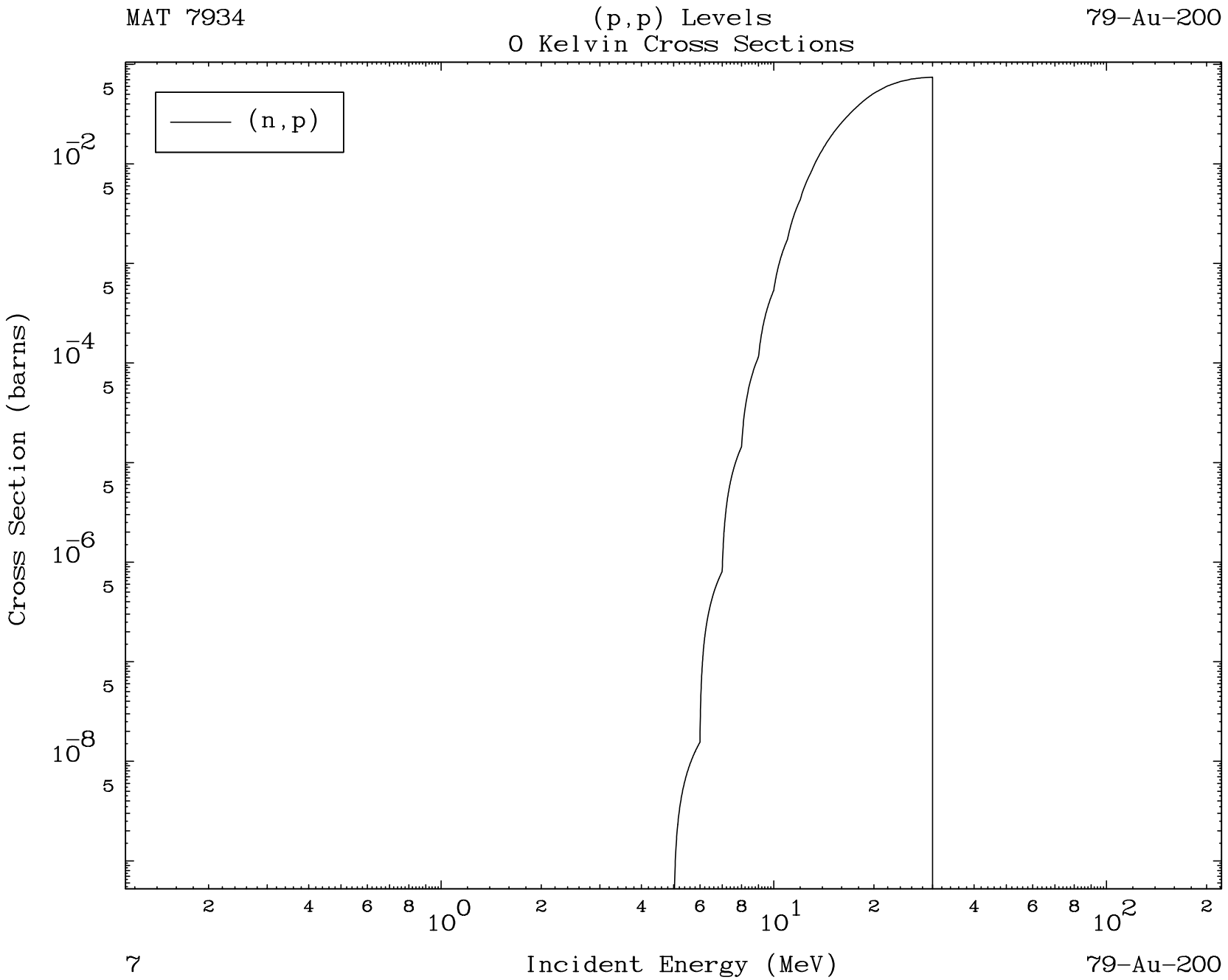

MAT 7934
Proton Neutron Absorption
0 Kelvin Cross Sections
79-Au-200
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
79-Au-200
2

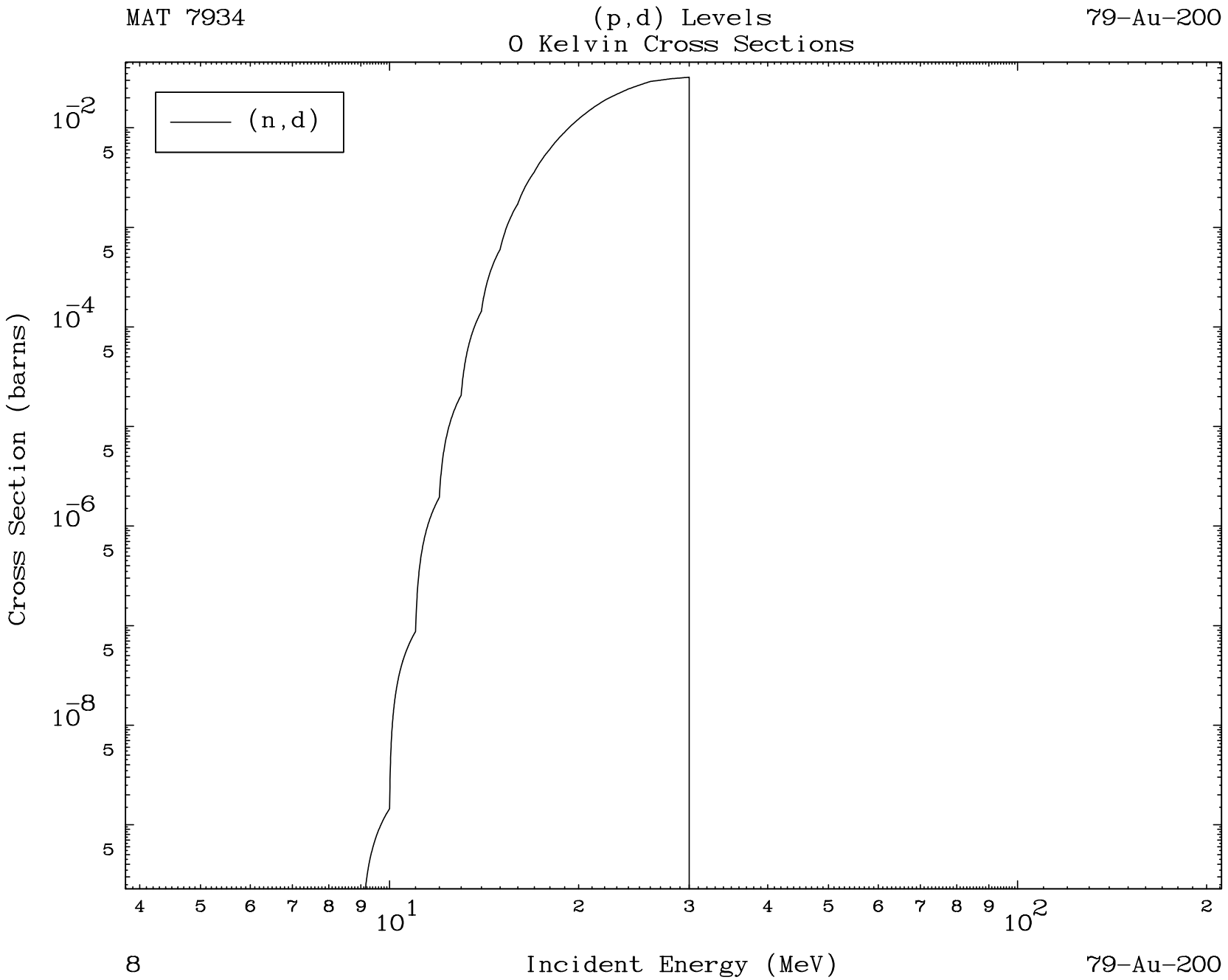

MAT 7934
Proton Neutron Absorption
0 Kelvin Cross Sections
79-Au-200
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
3
79-Au-200

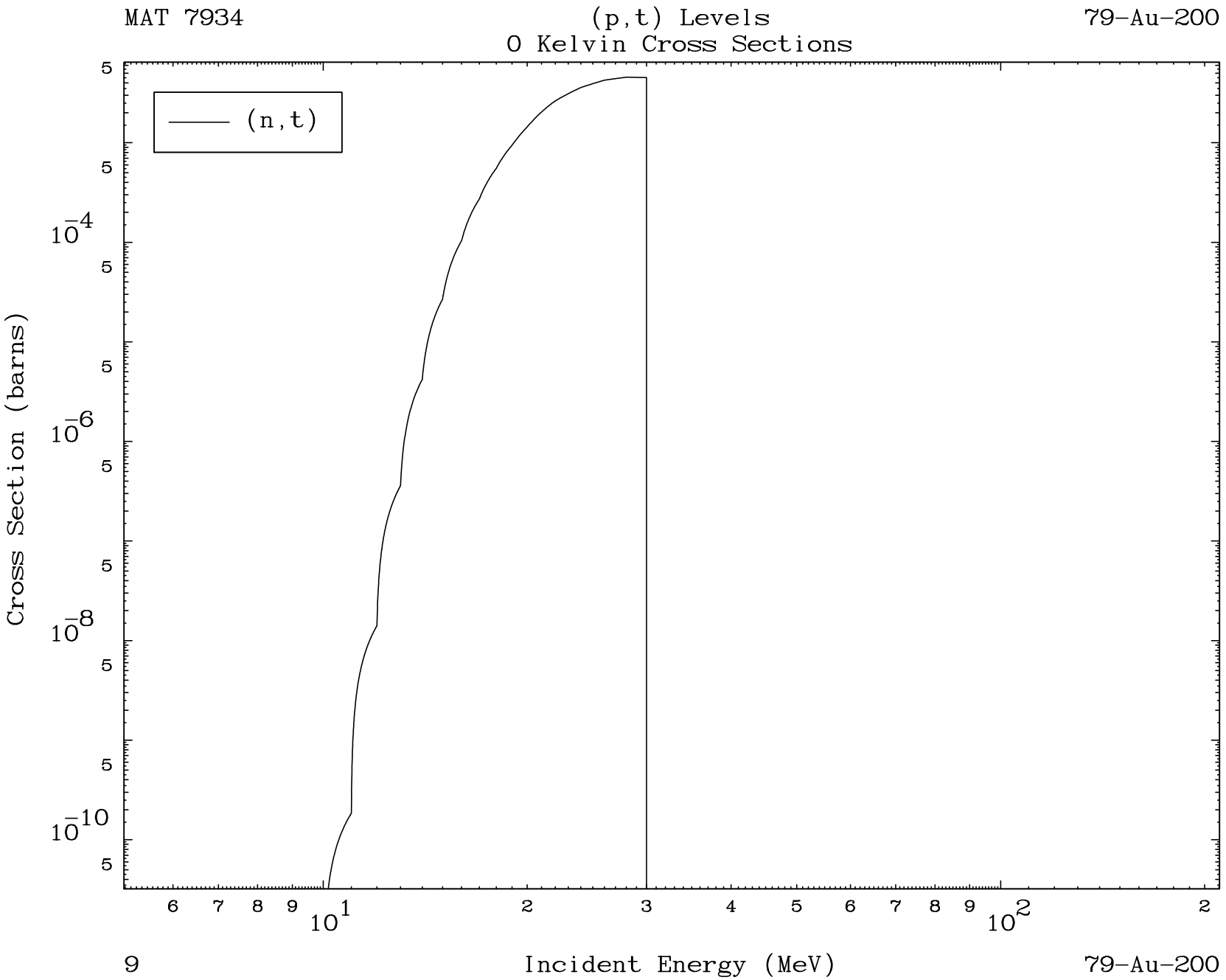

MAT 7934
Proton Neutron Absorption
0 Kelvin Cross Sections
79-Au-200
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
4
79-Au-200

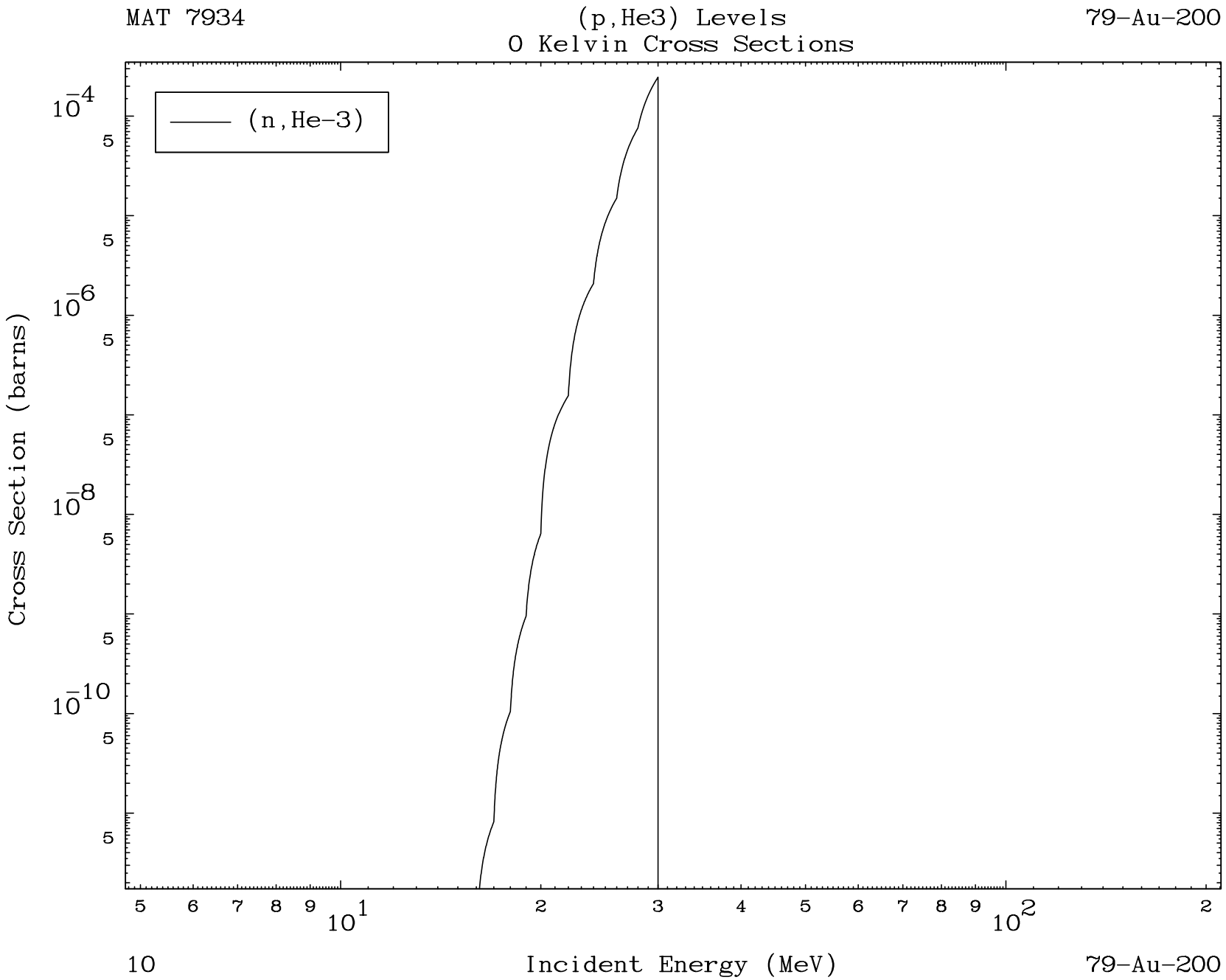

MAT 7934
Proton Charged Particle
0 Kelvin Cross Sections
79-Au-200
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
Cross Section (barns)
Incident Energy (MeV)
79-Au-200
5

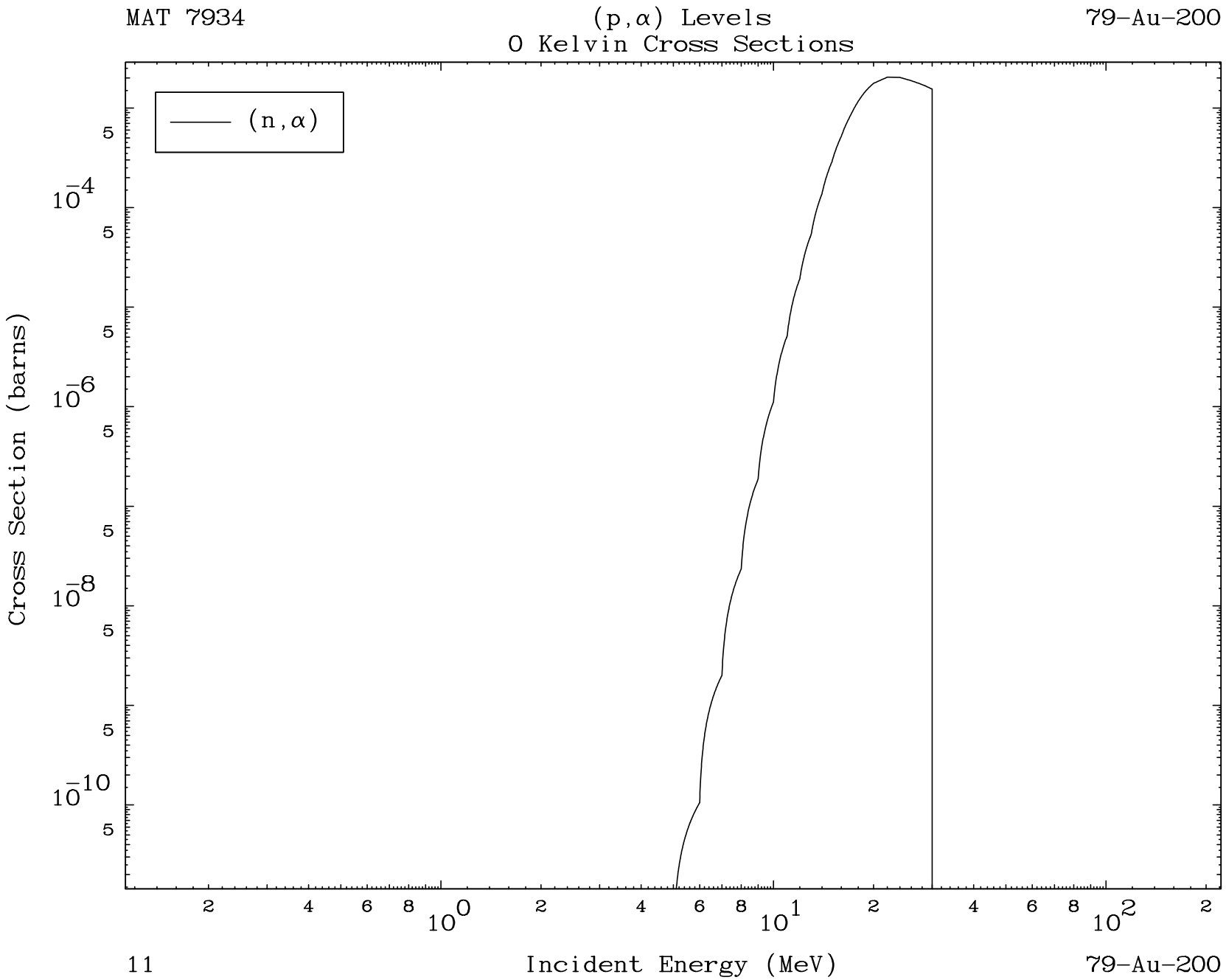

MAT 7934
Proton Charged Particle
0 Kelvin Cross Sections
79-Au-200
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
6
79-Au-200

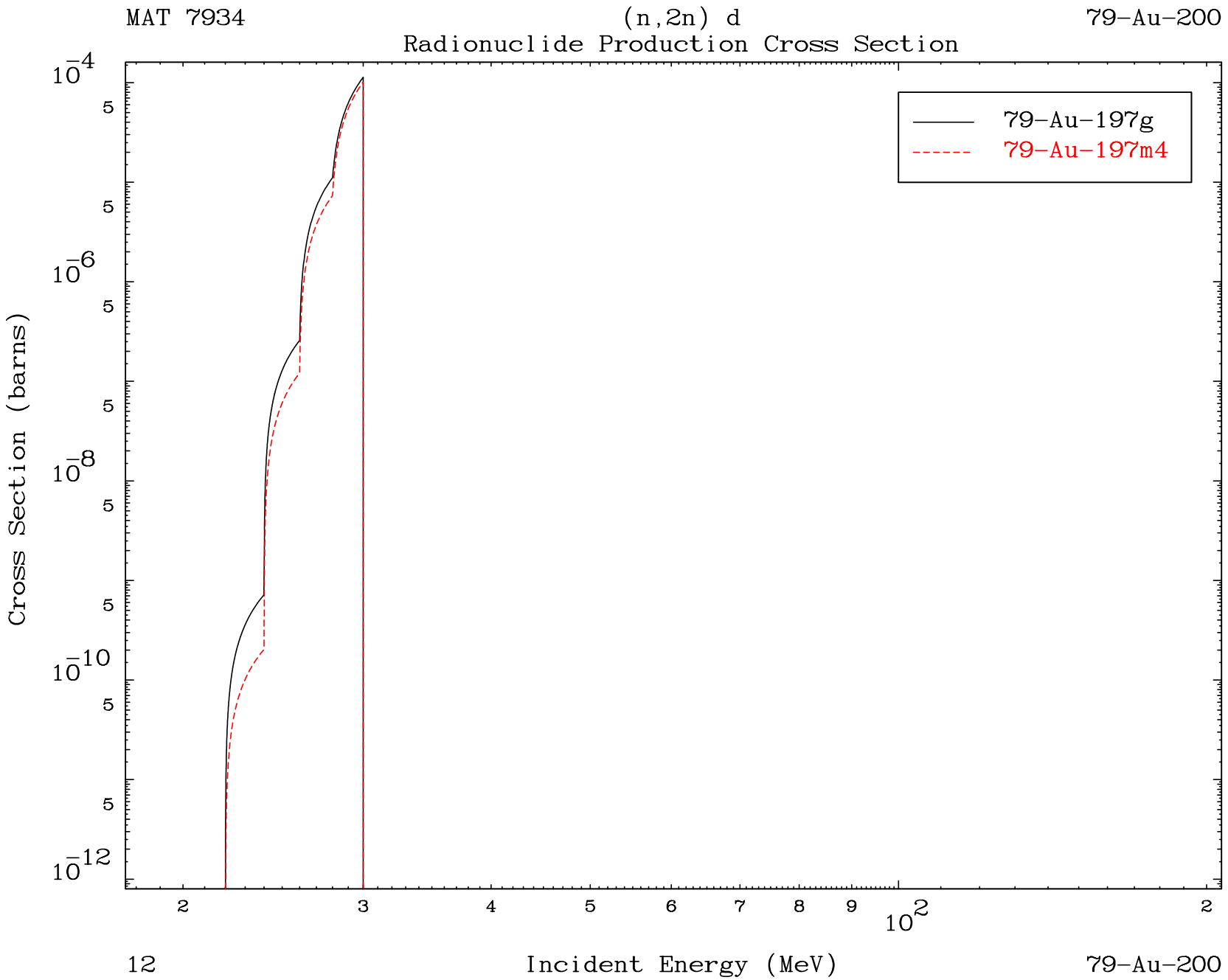

MAT 7934
(p,p) Levels
79-Au-200
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
79-Au-200

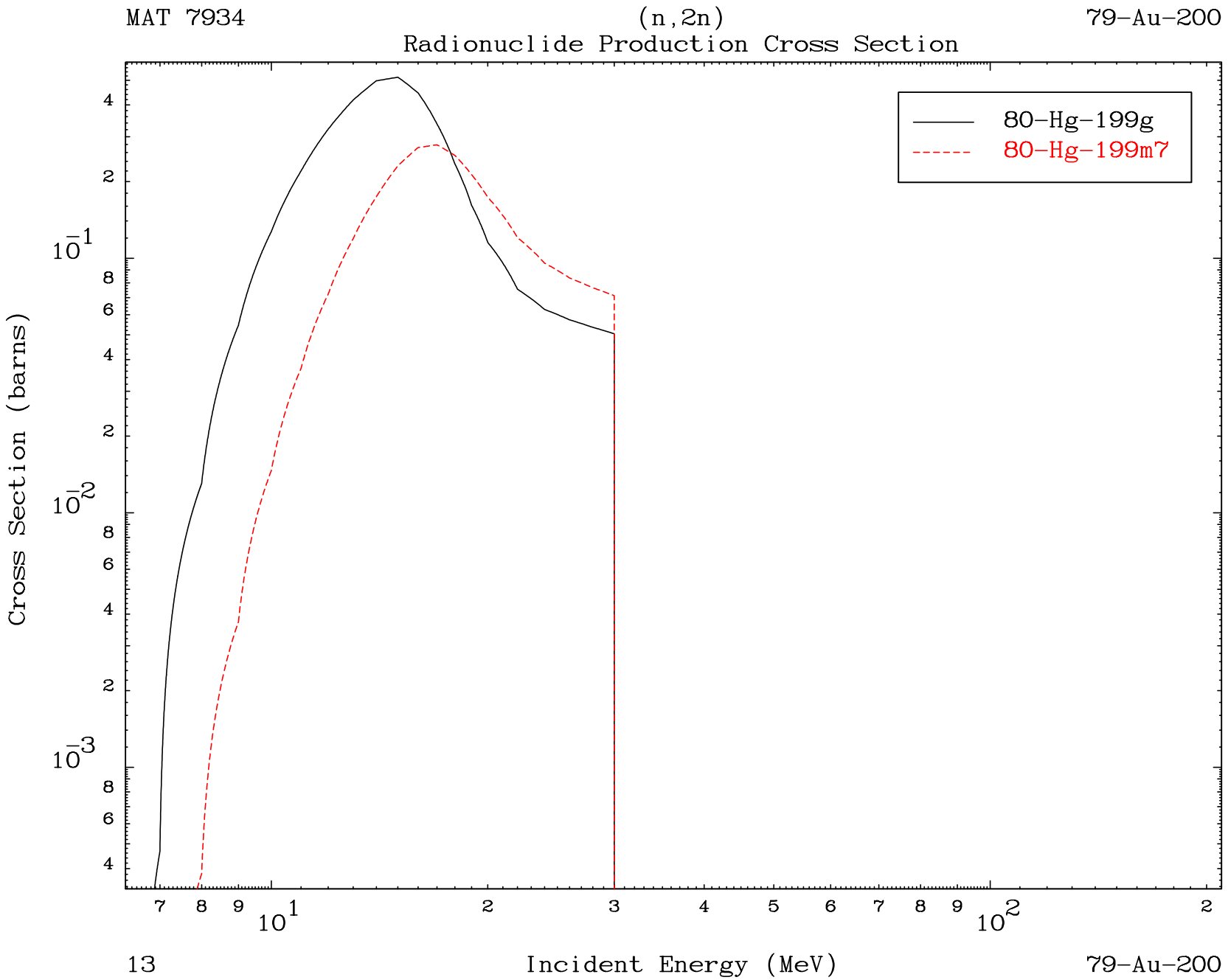

MAT 7934
(p,d) Levels
79-Au-200
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
79-Au-200

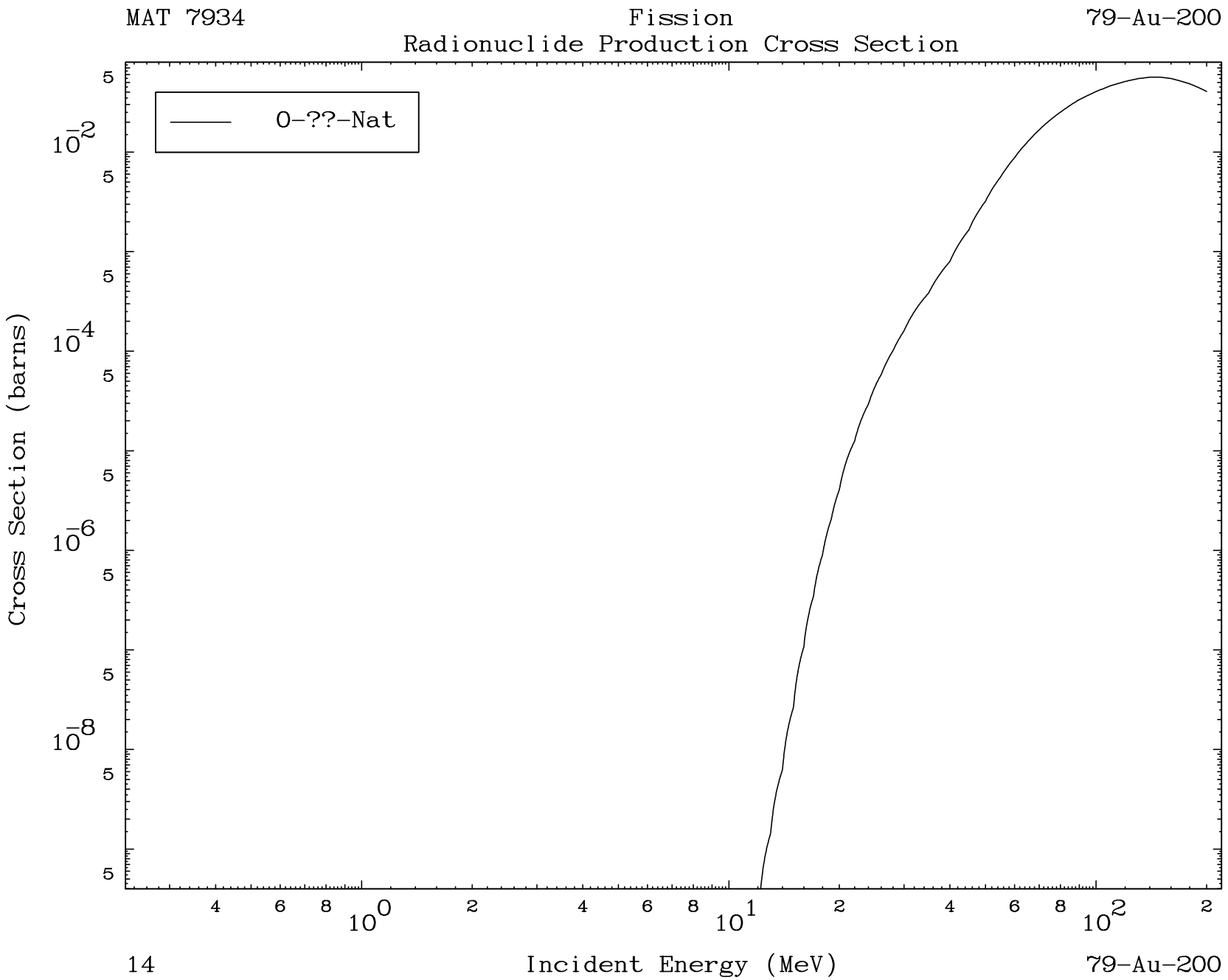

MAT 7934
(p,t) Levels
79-Au-200
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
9
79-Au-200

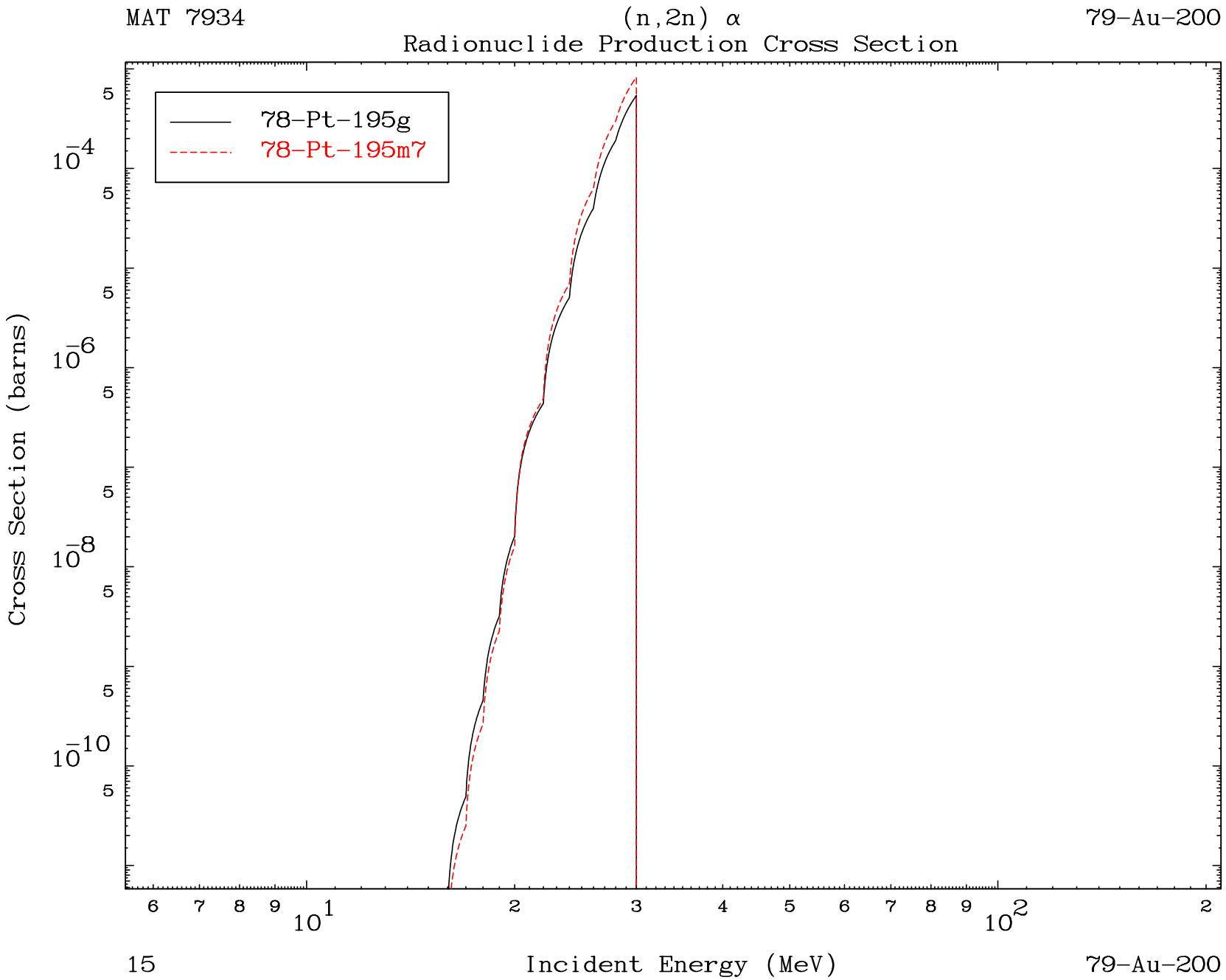

MAT 7934
(p,He3) Levels
79-Au-200
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10
79-Au-200

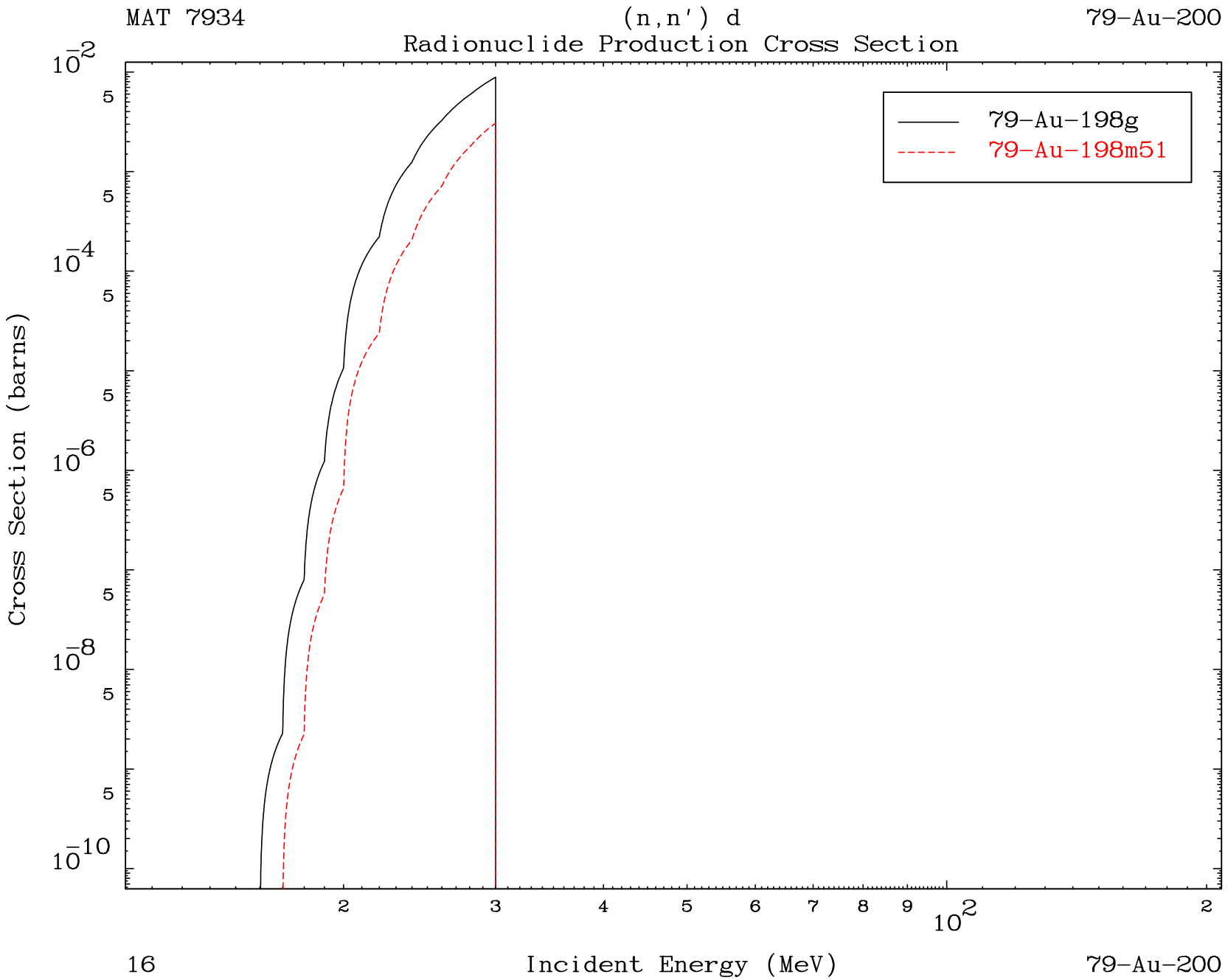

MAT 7934
(p,α) Levels
79-Au-200
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
79-Au-200

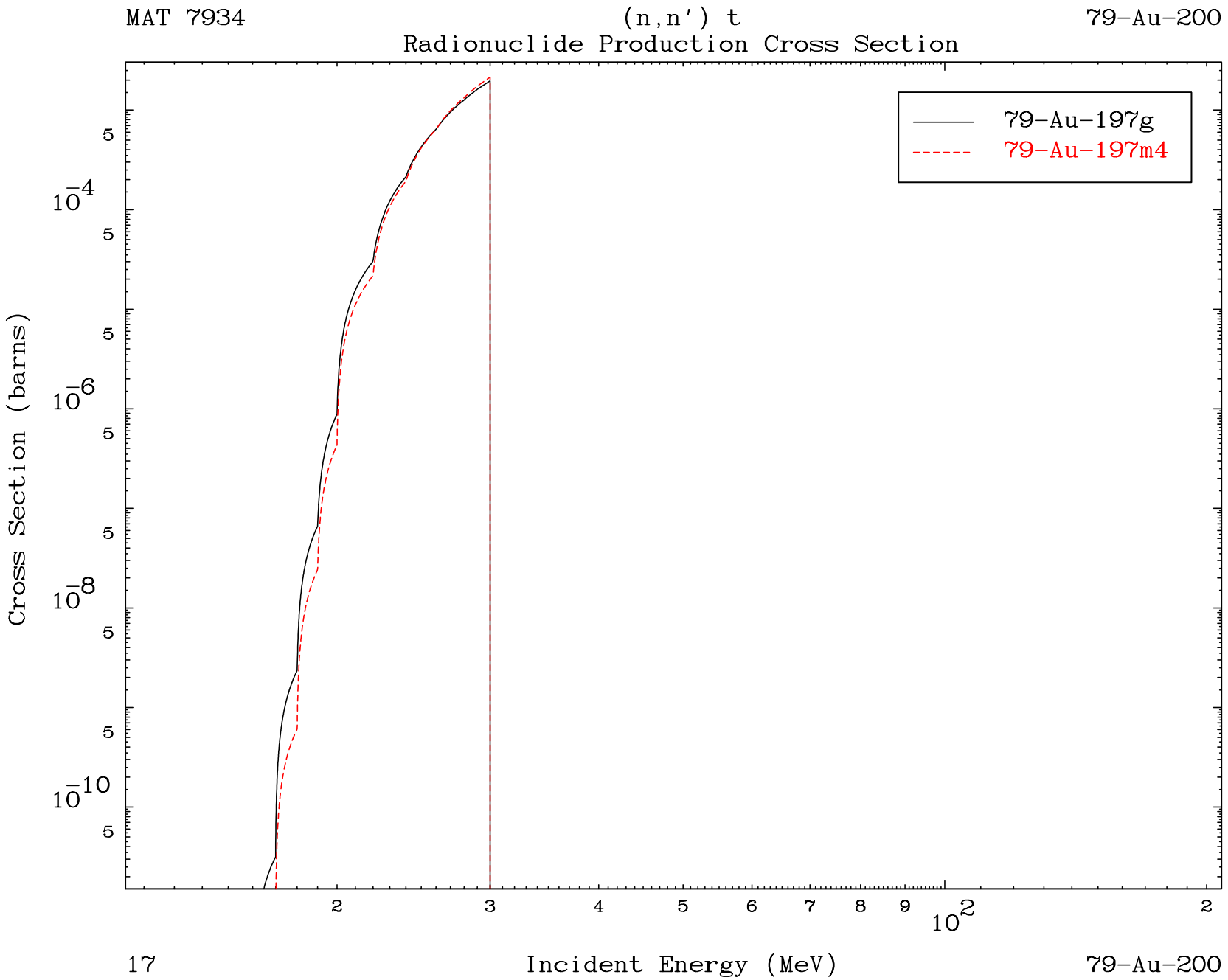

MAT 7934
(n,2n) d
79-Au-200
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
Incident Energy (MeV)
12
79-Au-200

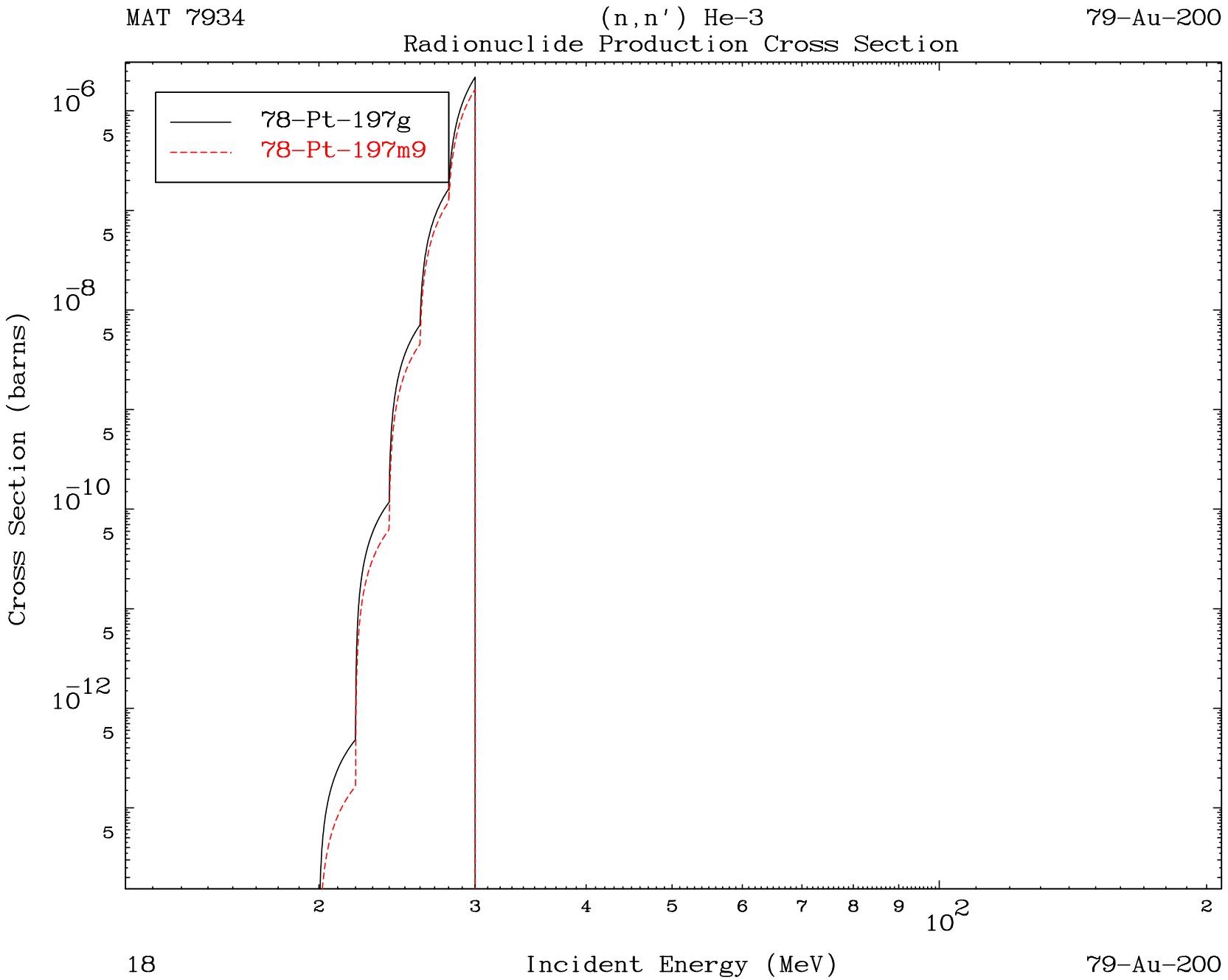

MAT 7934
(n,2n)
79-Au-200
Radionuclide Production Cross Section
80-Hg-199g
80-Hg-199m7
Cross Section (barns)
Incident Energy (MeV)
13
79-Au-200

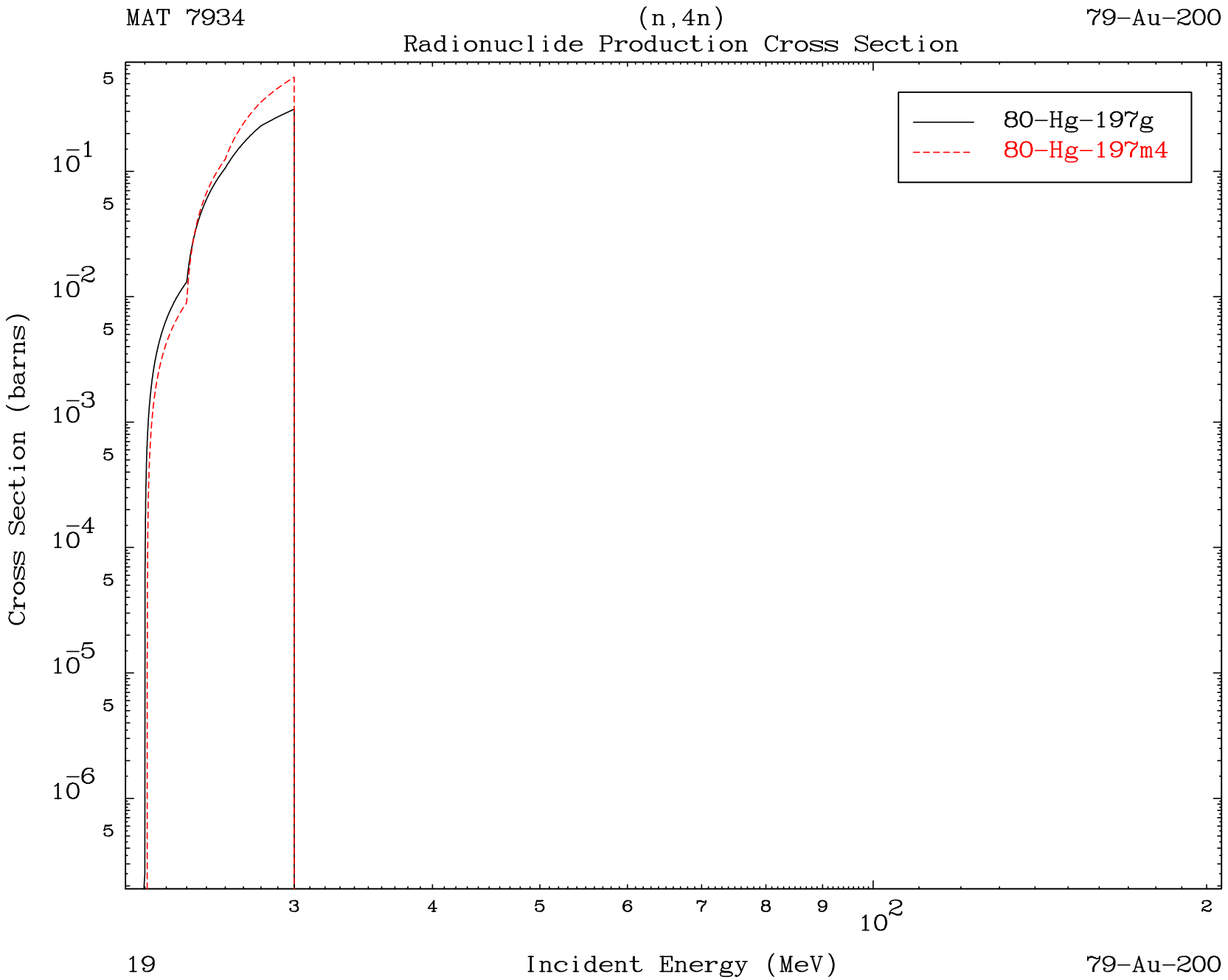

MAT 7934
Fission
79-Au-200
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
79-Au-200

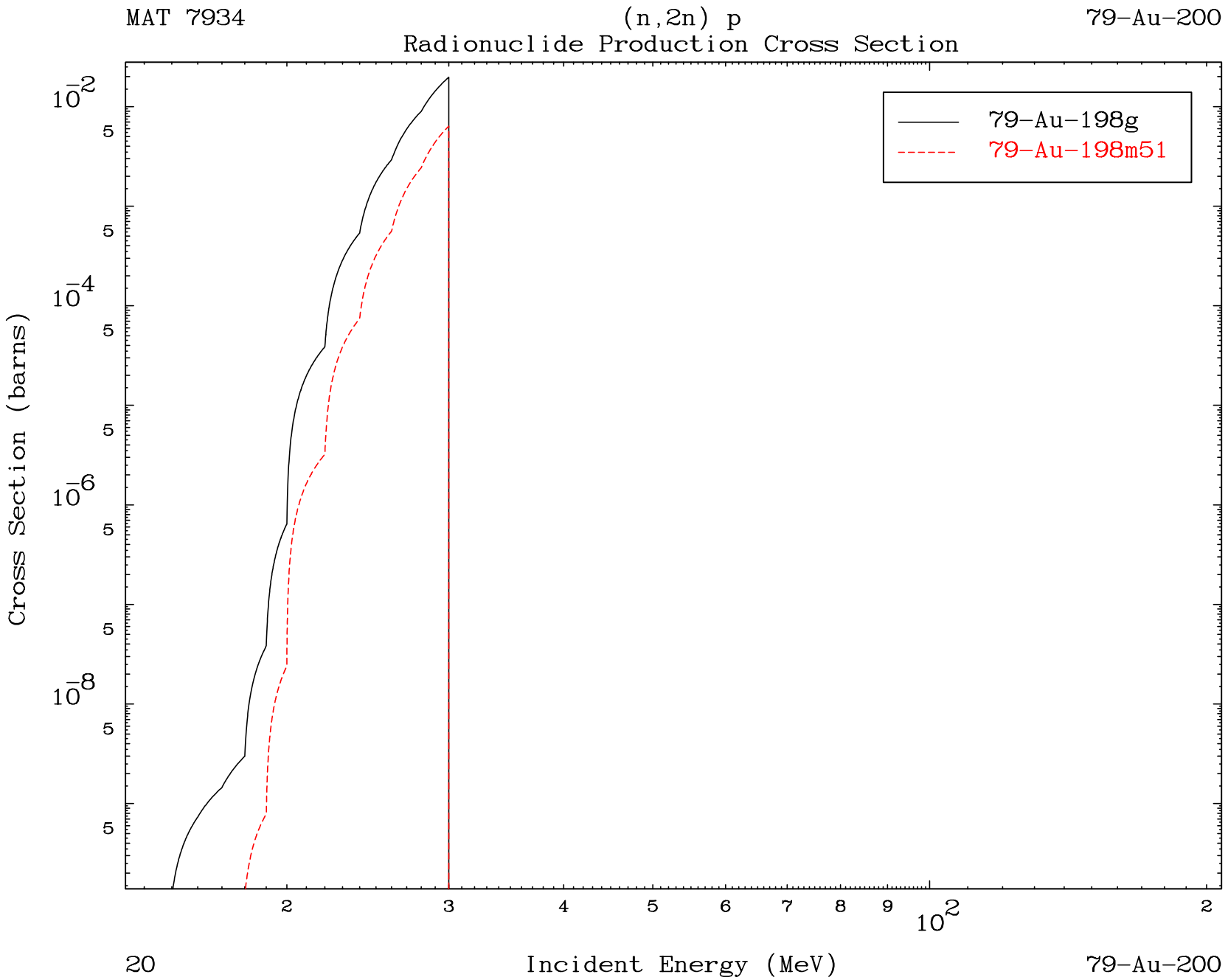

MAT 7934
(n,2n) α
79-Au-200
Radionuclide Production Cross Section
78-Pt-195g
78-Pt-195m7
Cross Section (barns)
Incident Energy (MeV)
15
79-Au-200

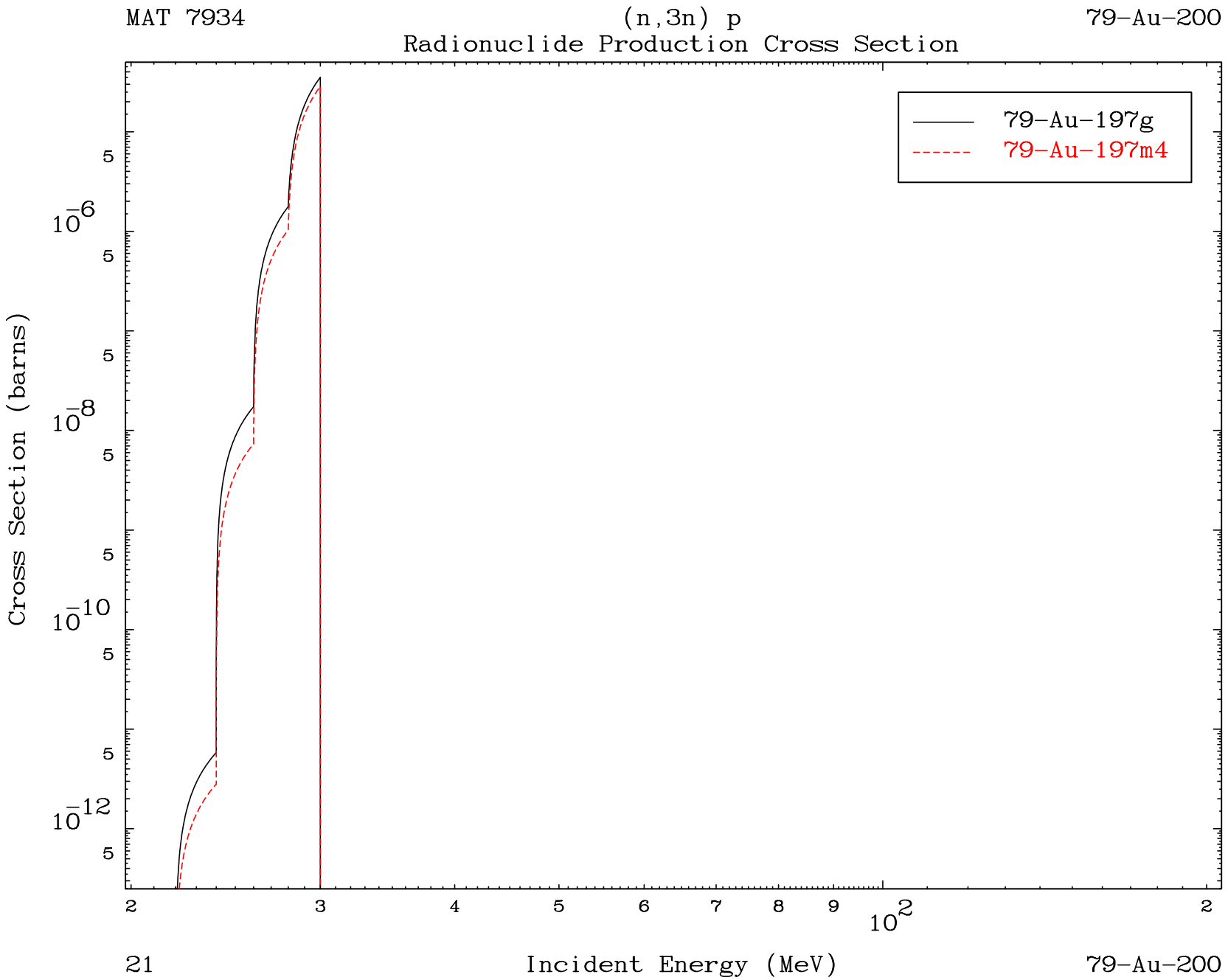

MAT 7934
(n,n') d
79-Au-200
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m51
Cross Section (barns)
Incident Energy (MeV)
16
79-Au-200

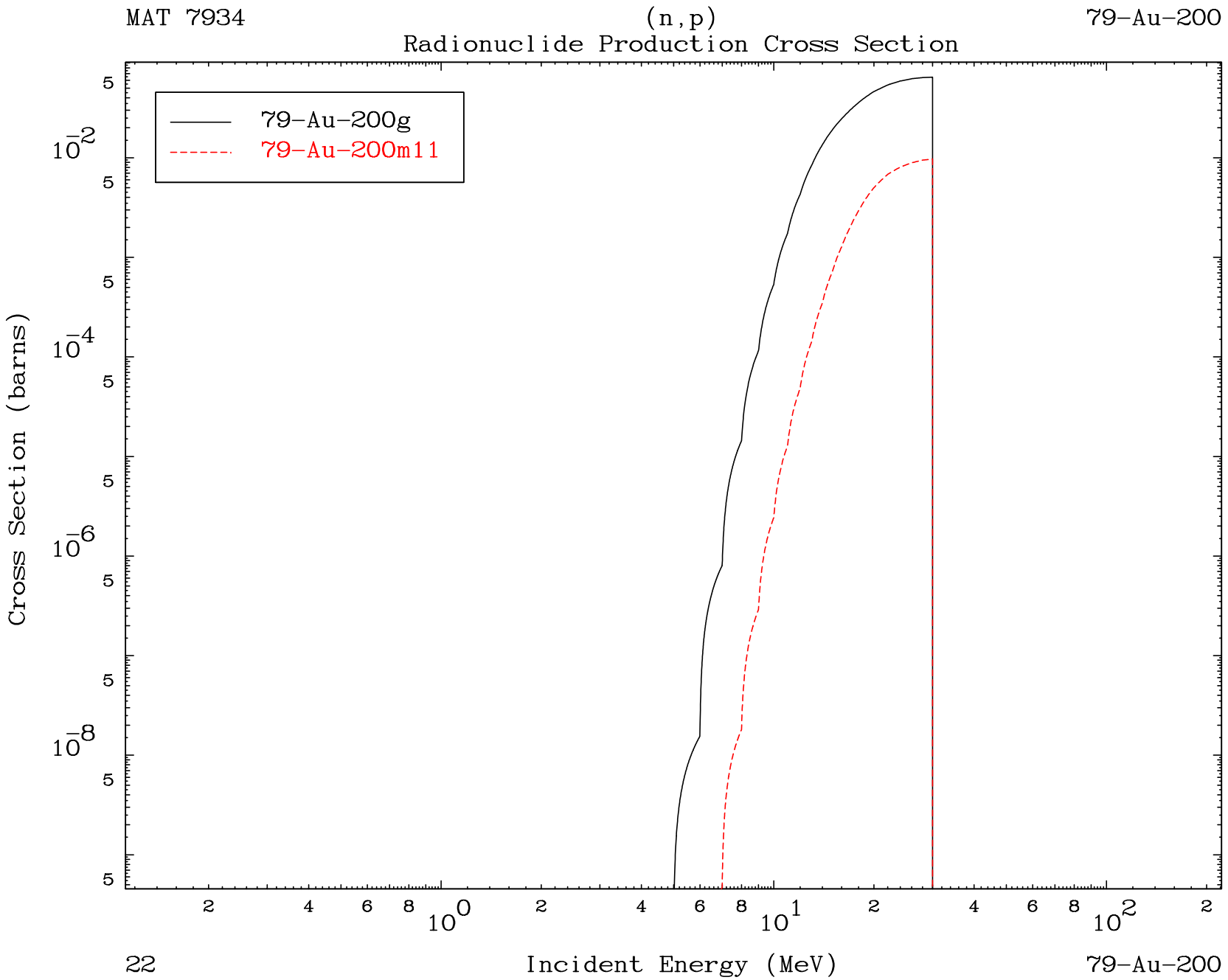

MAT 7934
(n,n') t
79-Au-200
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
17
Incident Energy (MeV)
79-Au-200

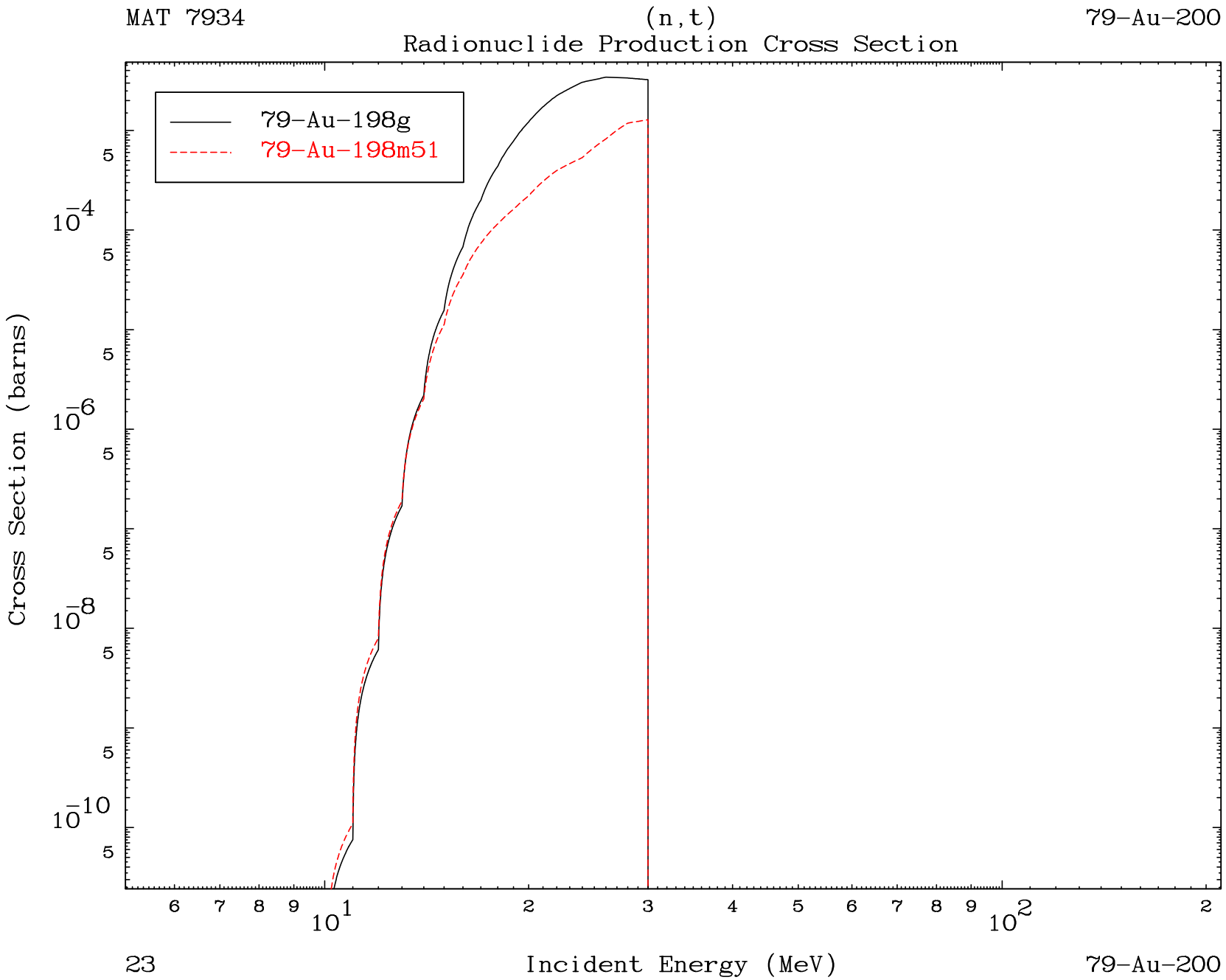

MAT 7934
(n,n') He-3
79-Au-200
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
18
Incident Energy (MeV)
79-Au-200

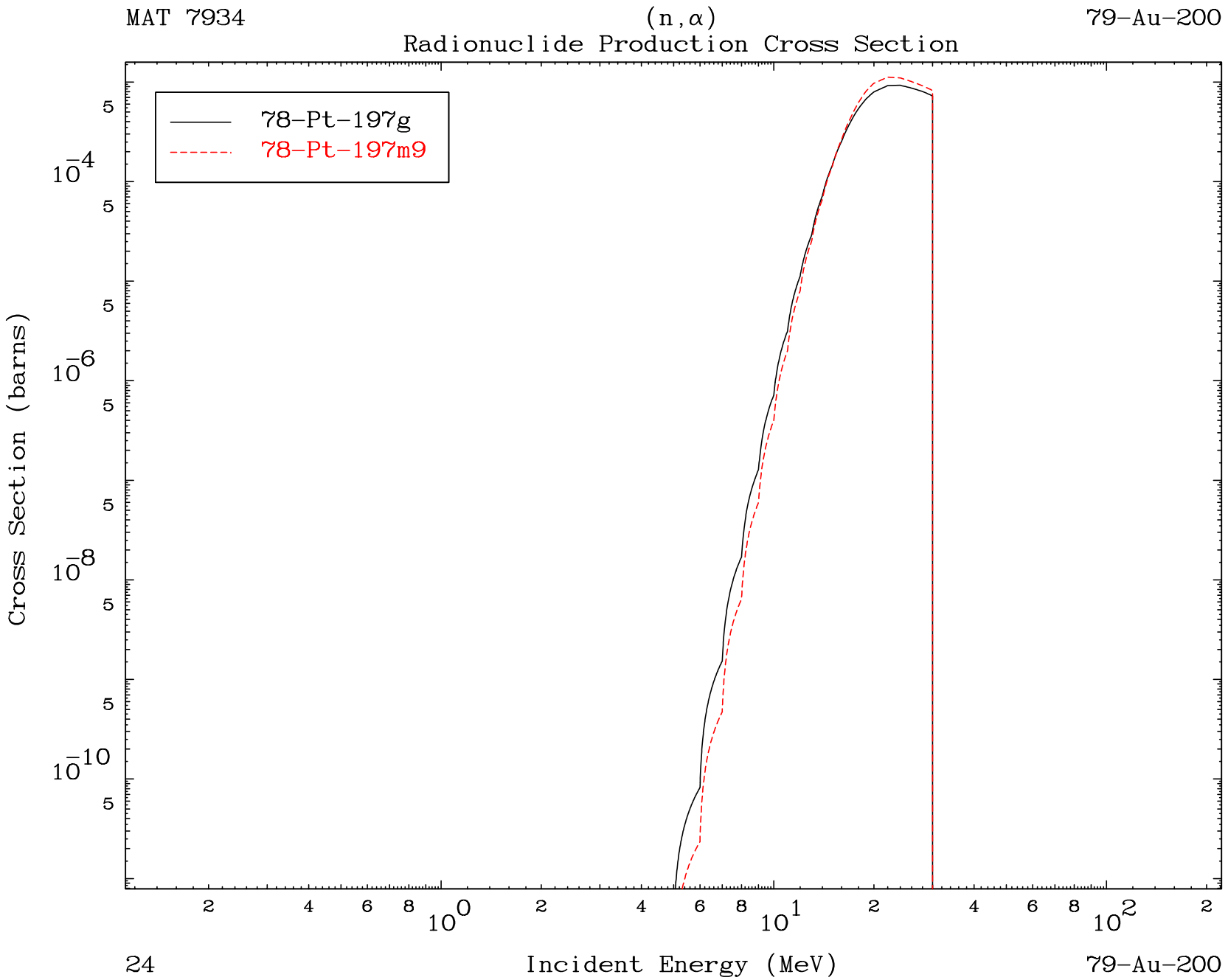

MAT 7934
(n,4n)
79-Au-200
Radionuclide Production Cross Section
80-Hg-197g
80-Hg-197m4
Cross Section (barns)
Incident Energy (MeV)
19
79-Au-200

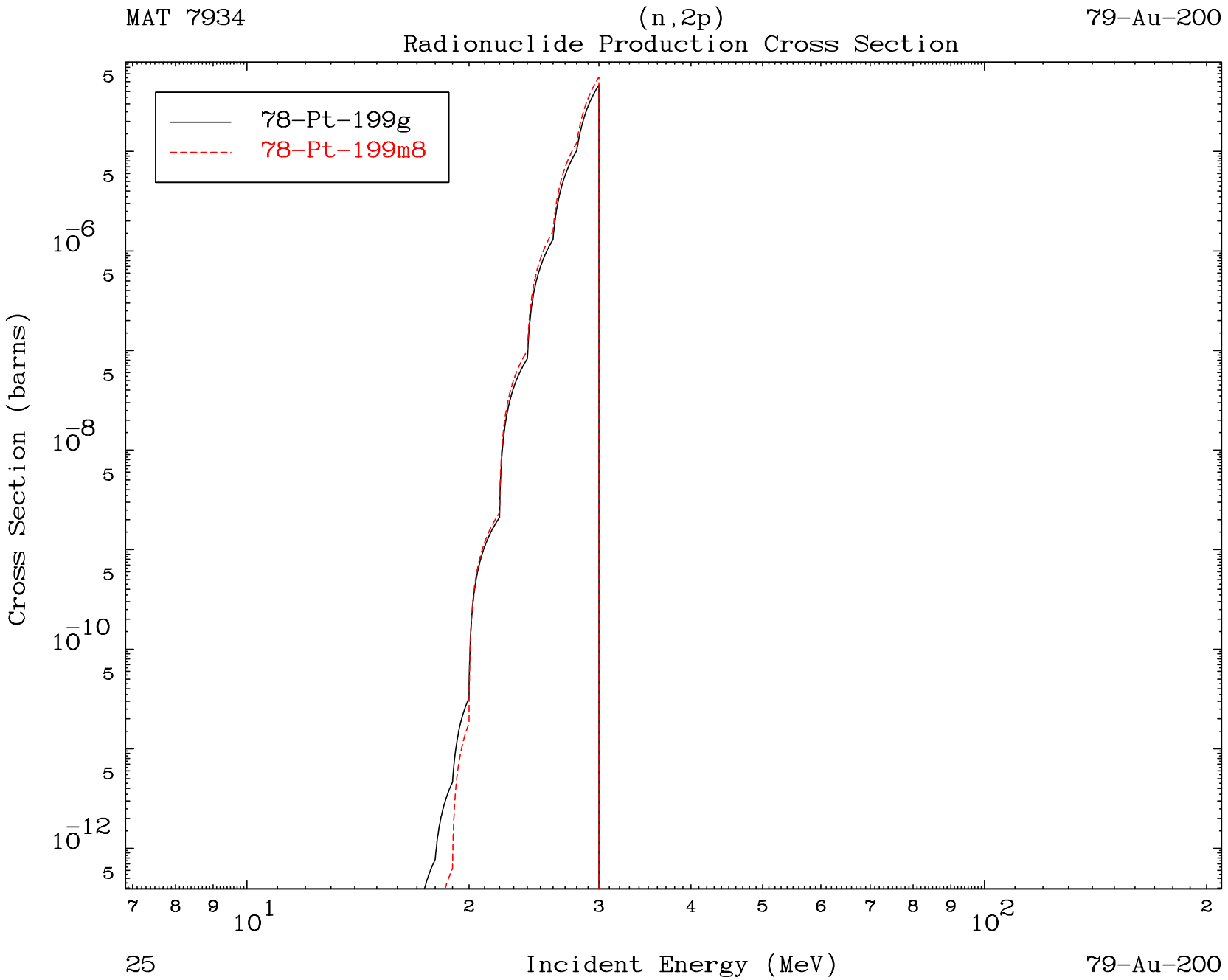

MAT 7934
(n,2n) p
79-Au-200
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m51
Cross Section (barns)
Incident Energy (MeV)
20
79-Au-200

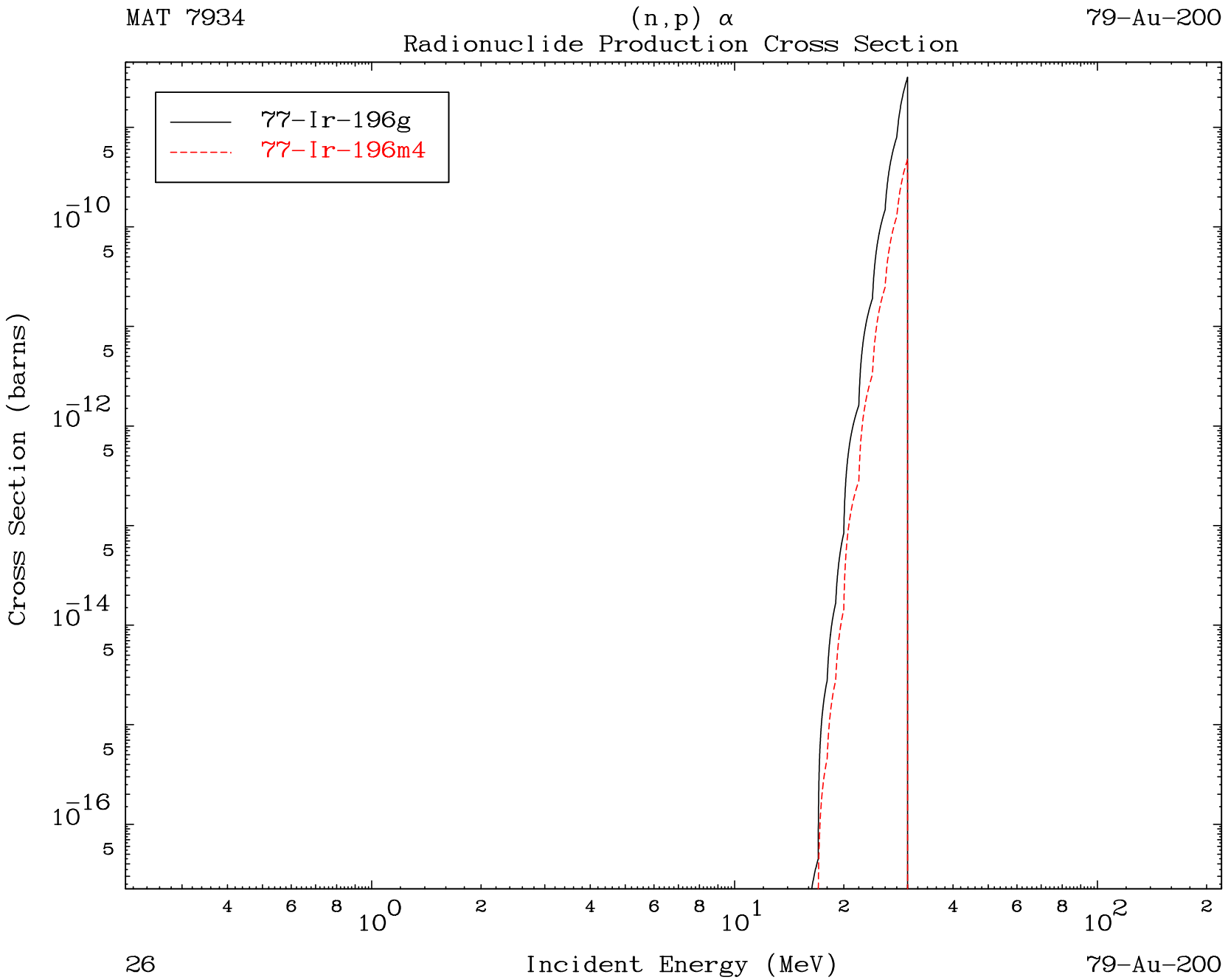

MAT 7934
(n,3n) p
79-Au-200
Radionuclide Production Cross Section
79-Au-197g
79-Au-197m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
79-Au-200


MAT 7934
(n,p)
79-Au-200
Radionuclide Production Cross Section
79-Au-200g
79-Au-200m11
Cross Section (barns)
Incident Energy (MeV)
22
79-Au-200


MAT 7934
(n,t)
79-Au-200
Radionuclide Production Cross Section
79-Au-198g
79-Au-198m51
Cross Section (barns)
10-4
10-6
10-8
10-10
5
6 7 8 9
10 1
2 3 4 5 6 7 8 9
10 2
2
23
Incident Energy (MeV)
79-Au-200


MAT 7934
(n,α)
79-Au-200
Radionuclide Production Cross Section
78-Pt-197g
78-Pt-197m9
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
24
79-Au-200


MAT 7934
(n,2p)
79-Au-200
Radionuclide Production Cross Section
78-Pt-199g
78-Pt-199m8
Cross Section (barns)
Incident Energy (MeV)
25
79-Au-200


MAT 7934
(n,p) α
79-Au-200
Radionuclide Production Cross Section
77-Ir-196g
77-Ir-196m4
Cross Section (barns)
10-10
10-12
10-14
10-16
100
101
102
Incident Energy (MeV)
26
79-Au-200