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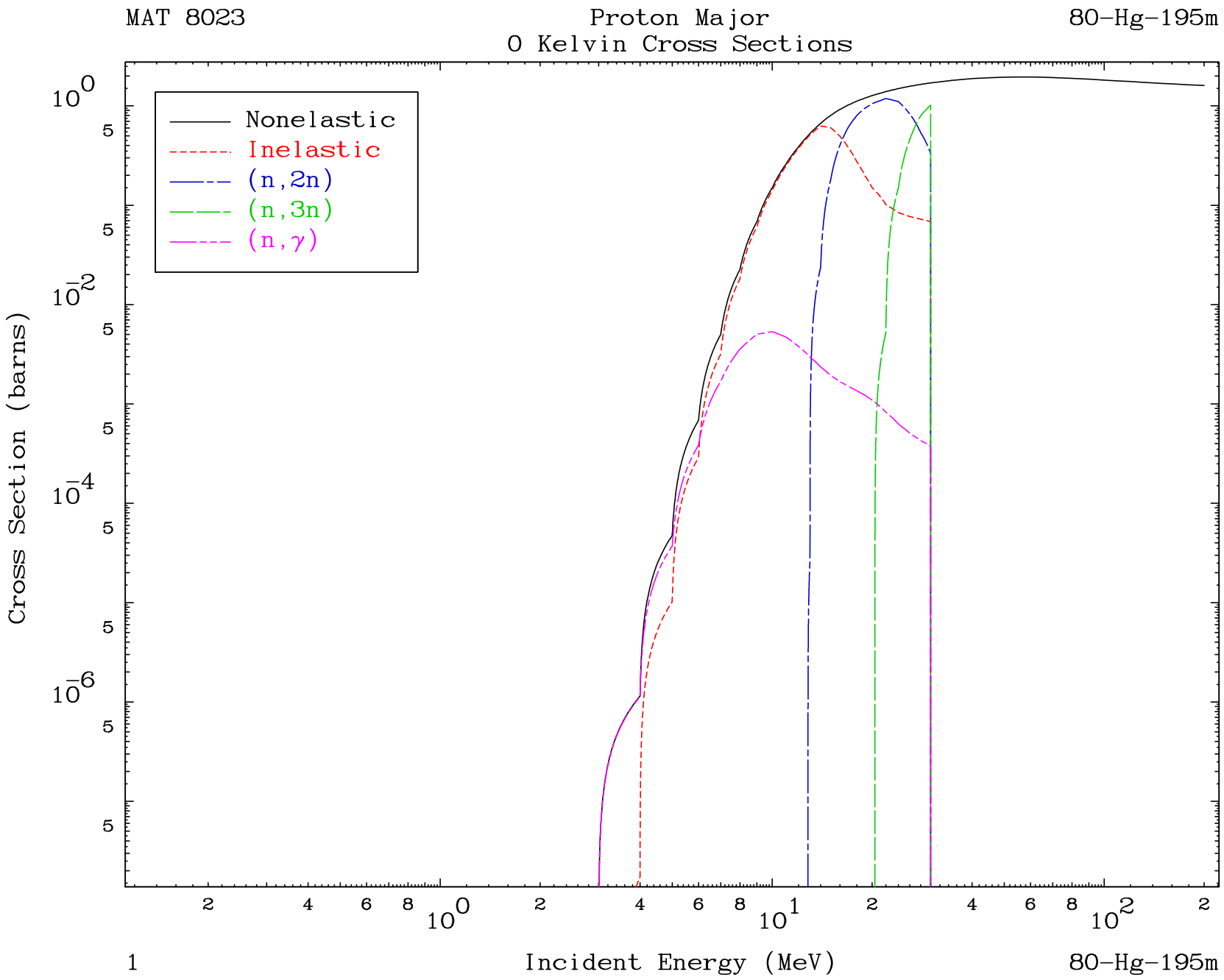
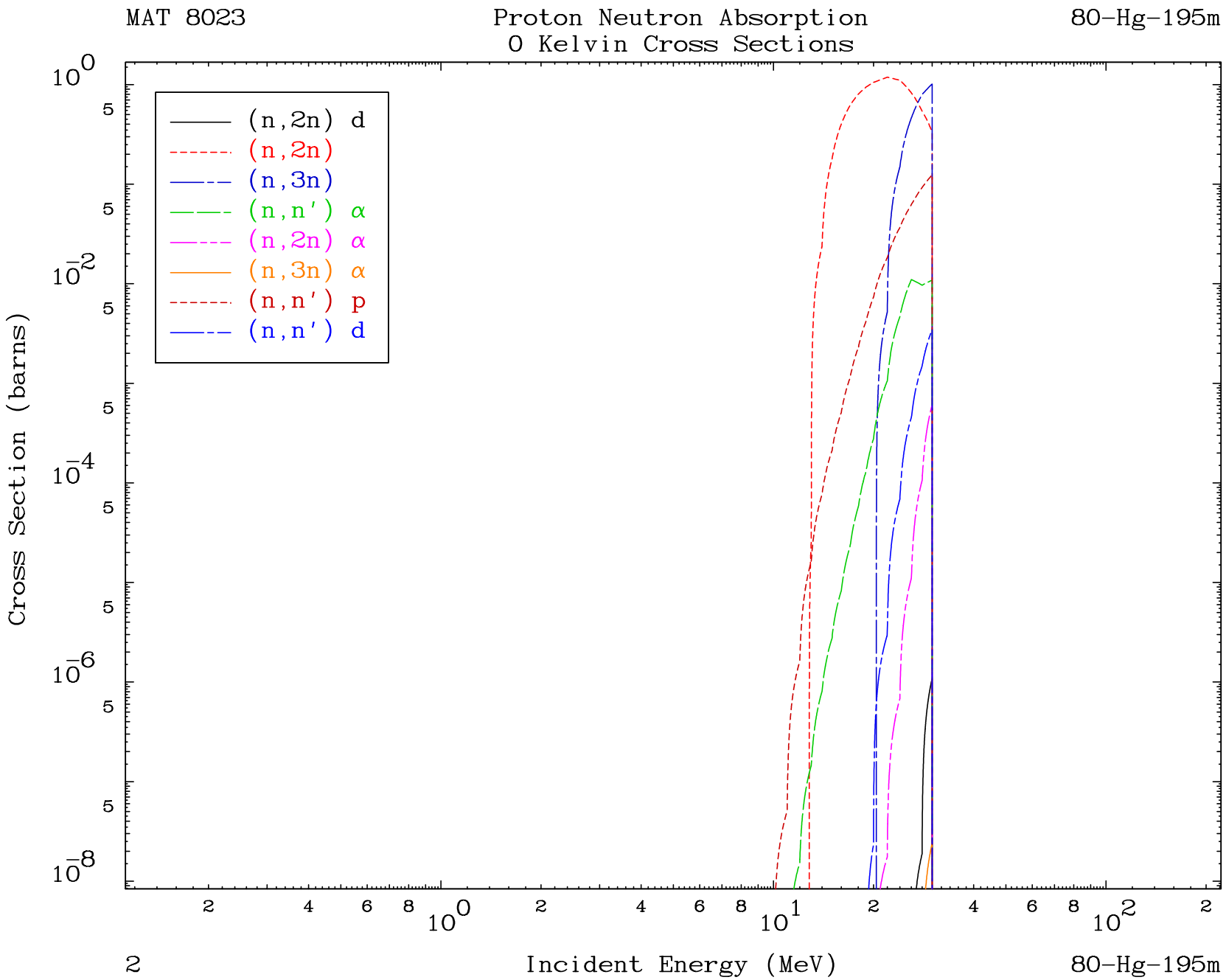
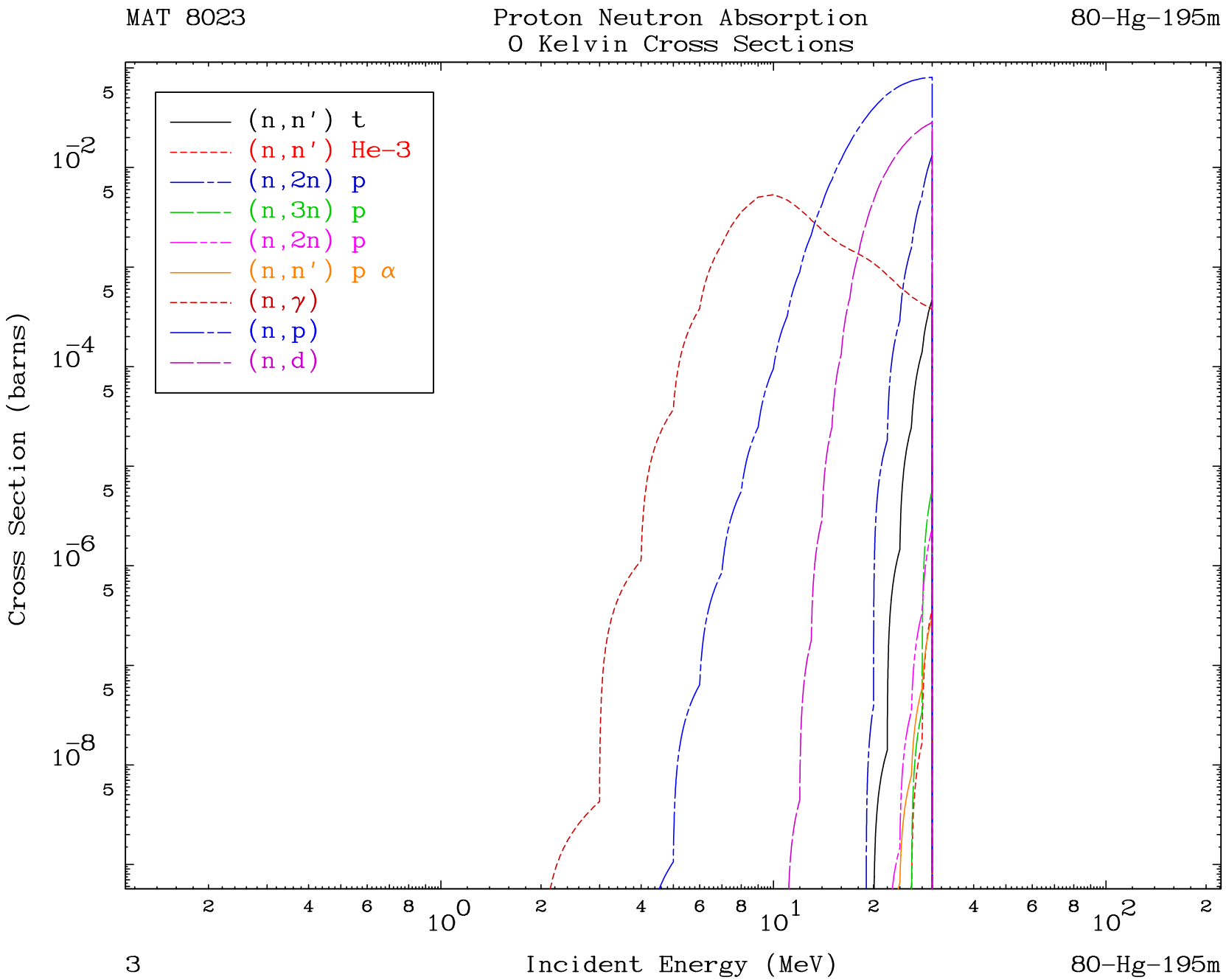
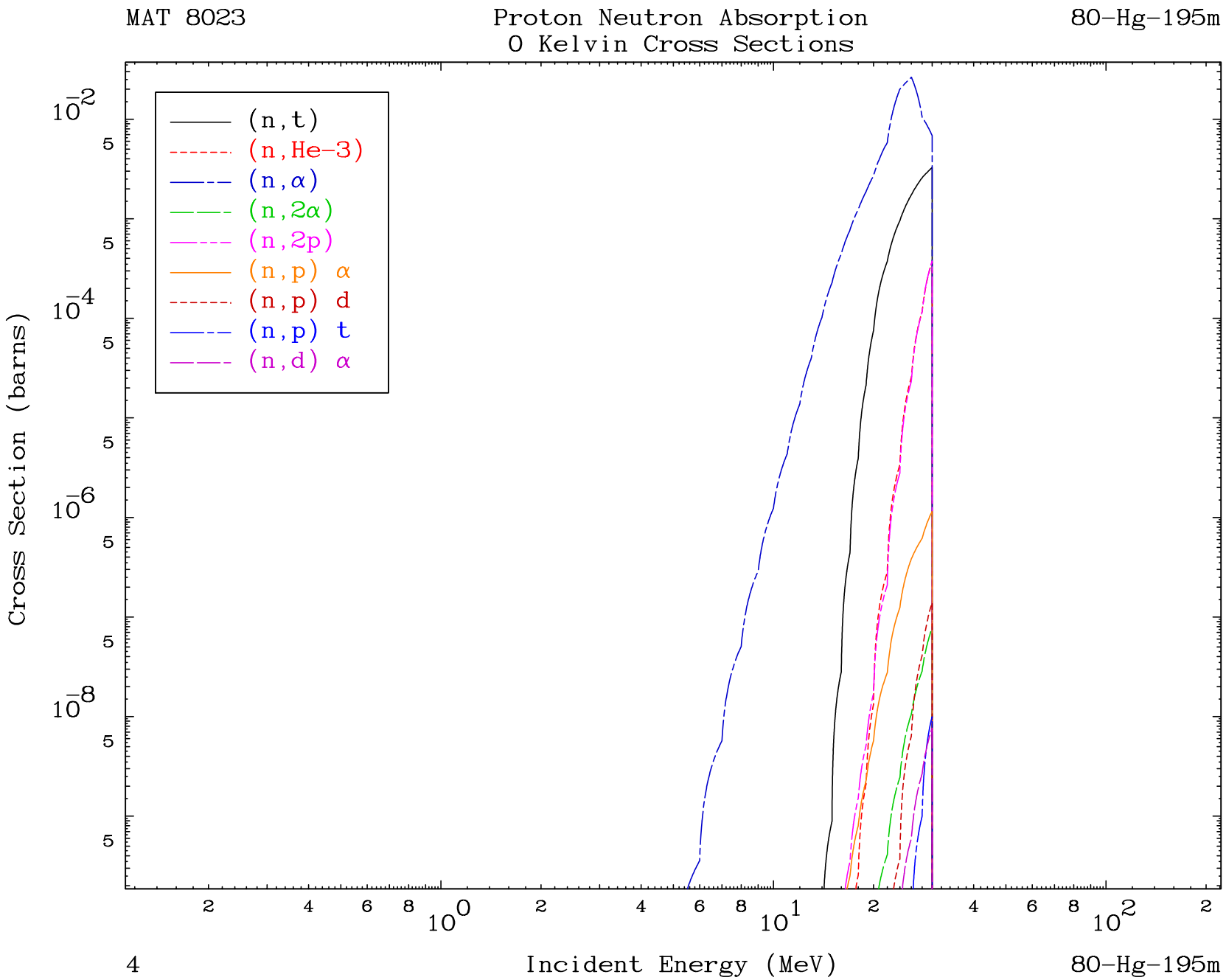
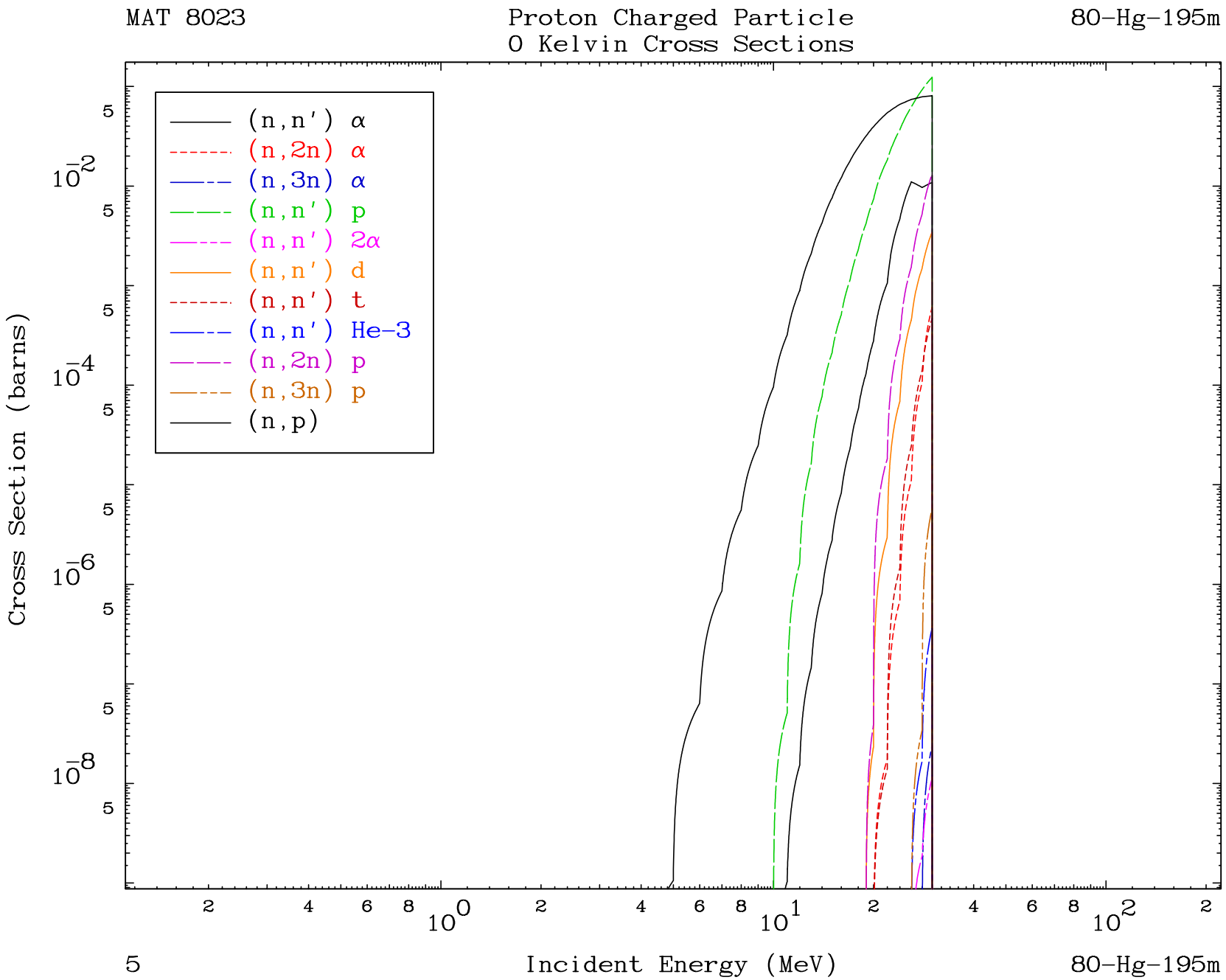
Press Mouse Button to Start

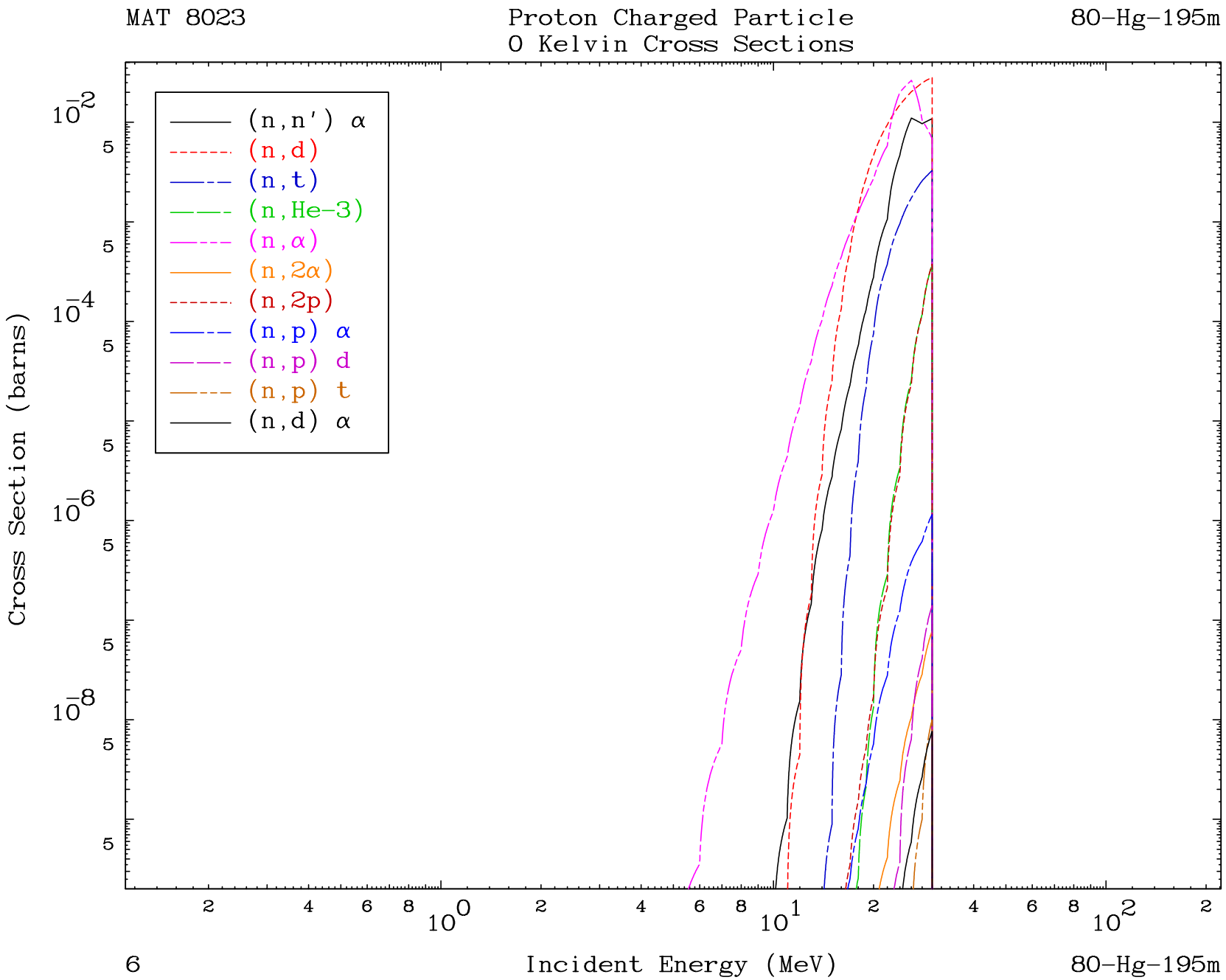

MAT 8023
Proton Major
80-Hg-195m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
80-Hg-195m
1

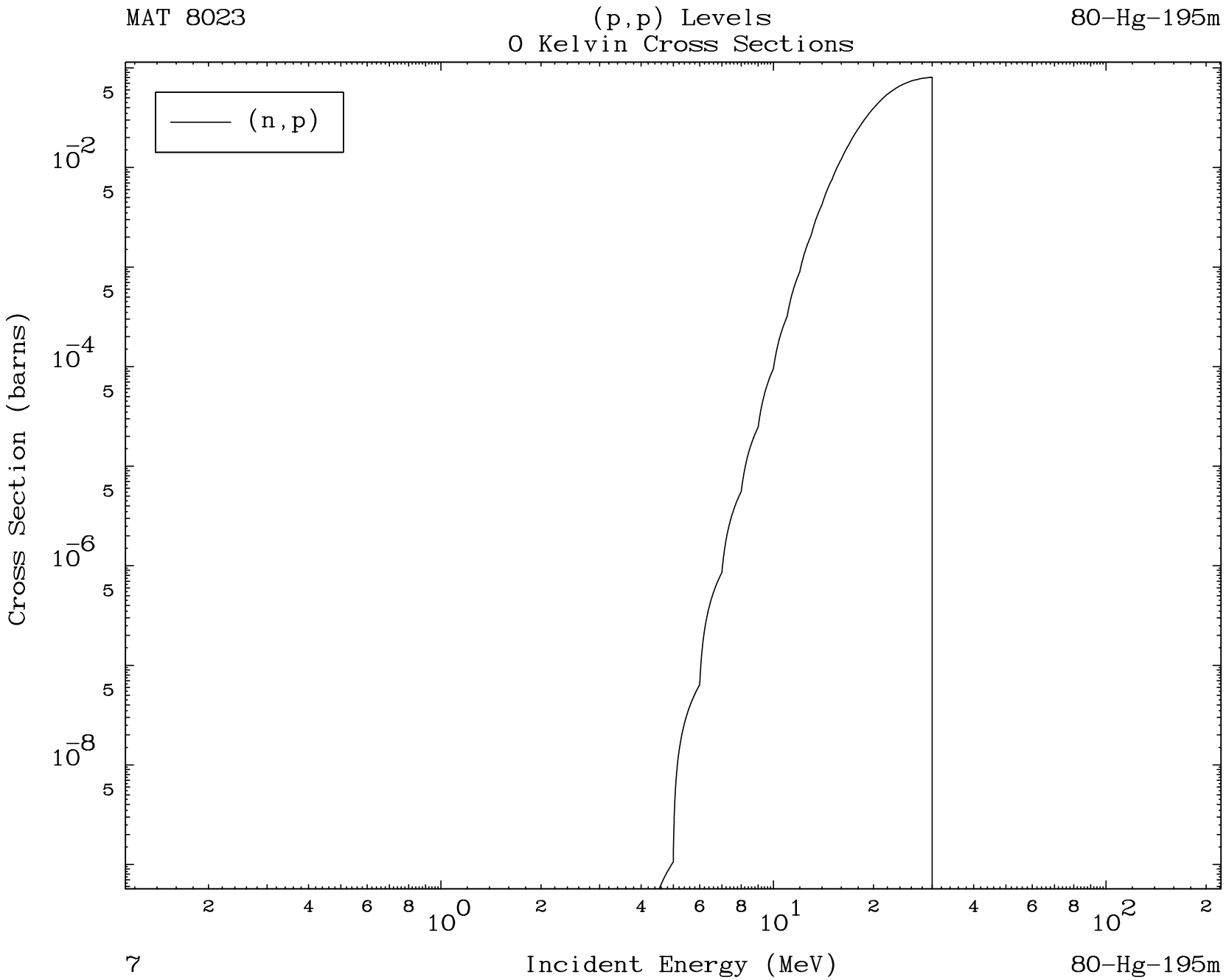

MAT 8023
Proton Neutron Absorption
0 Kelvin Cross Sections
80-Hg-195m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
80-Hg-195m


MAT 8023
Proton Neutron Absorption
0 Kelvin Cross Sections
80-Hg-195m
(n,n') t
(n,n') He-3
(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
80-Hg-195m

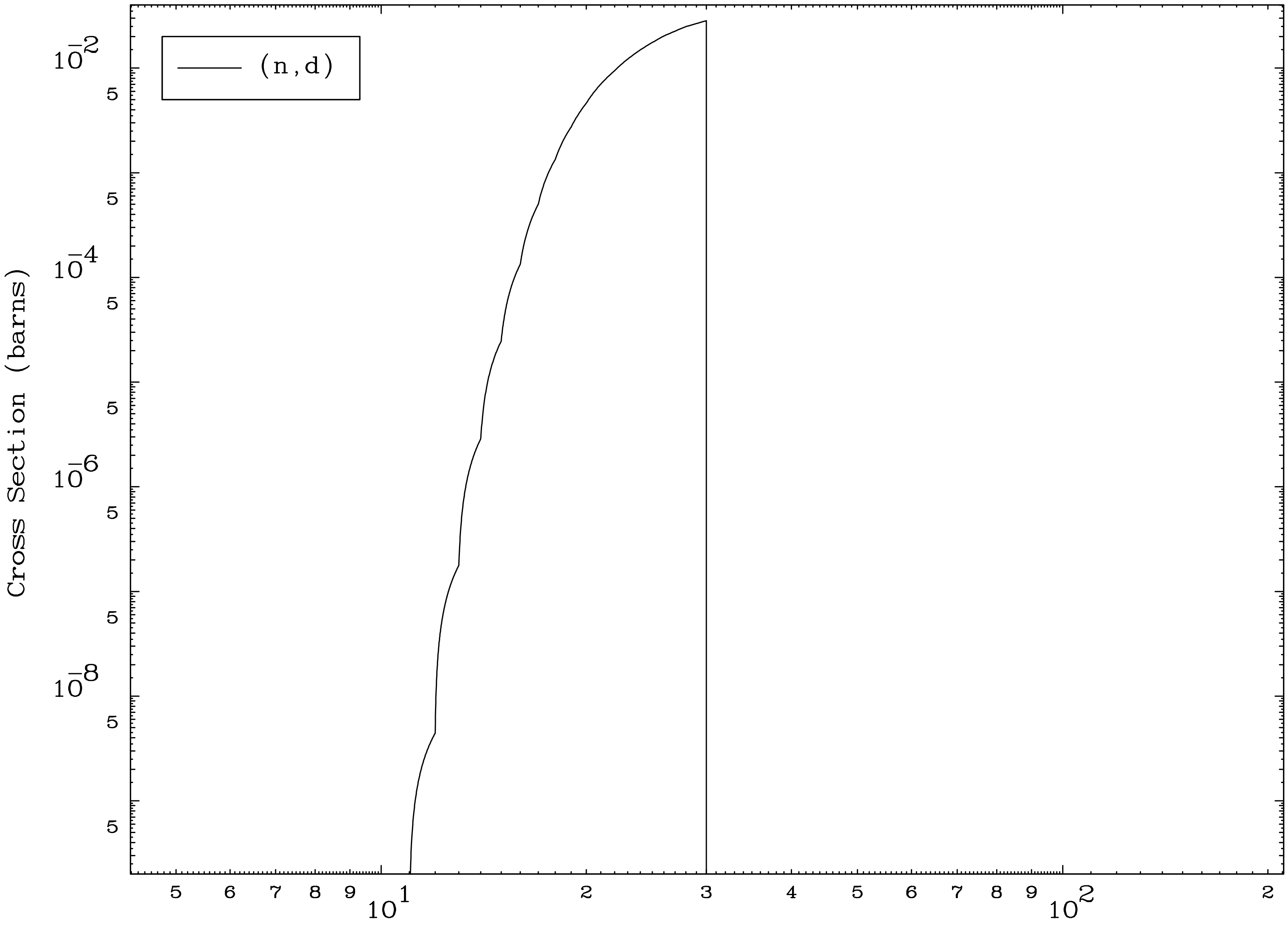

MAT 8023
Proton Neutron Absorption
0 Kelvin Cross Sections
80-Hg-195m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
80-Hg-195m

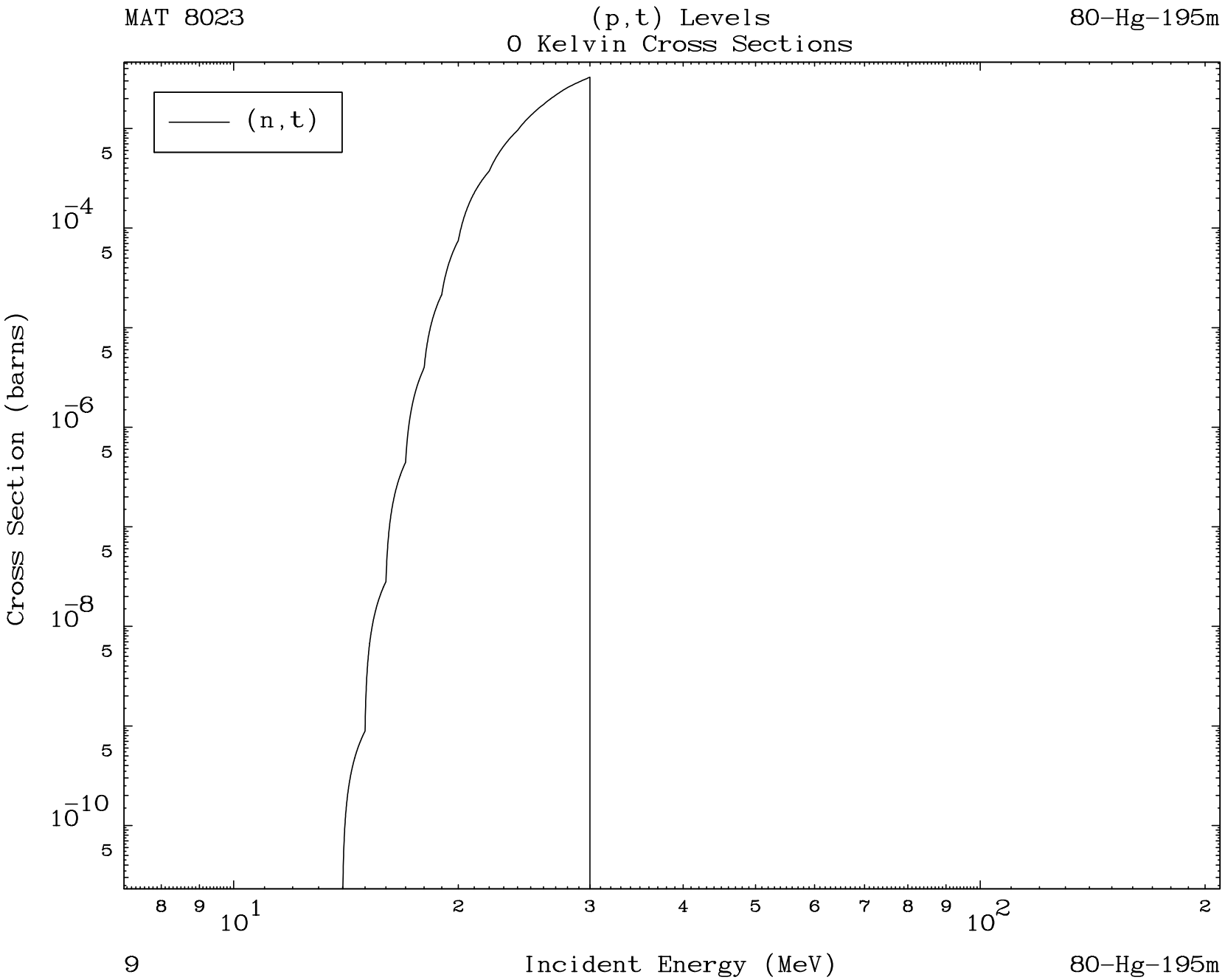

MAT 8023
Proton Charged Particle
0 Kelvin Cross Sections
80-Hg-195m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
5
80-Hg-195m

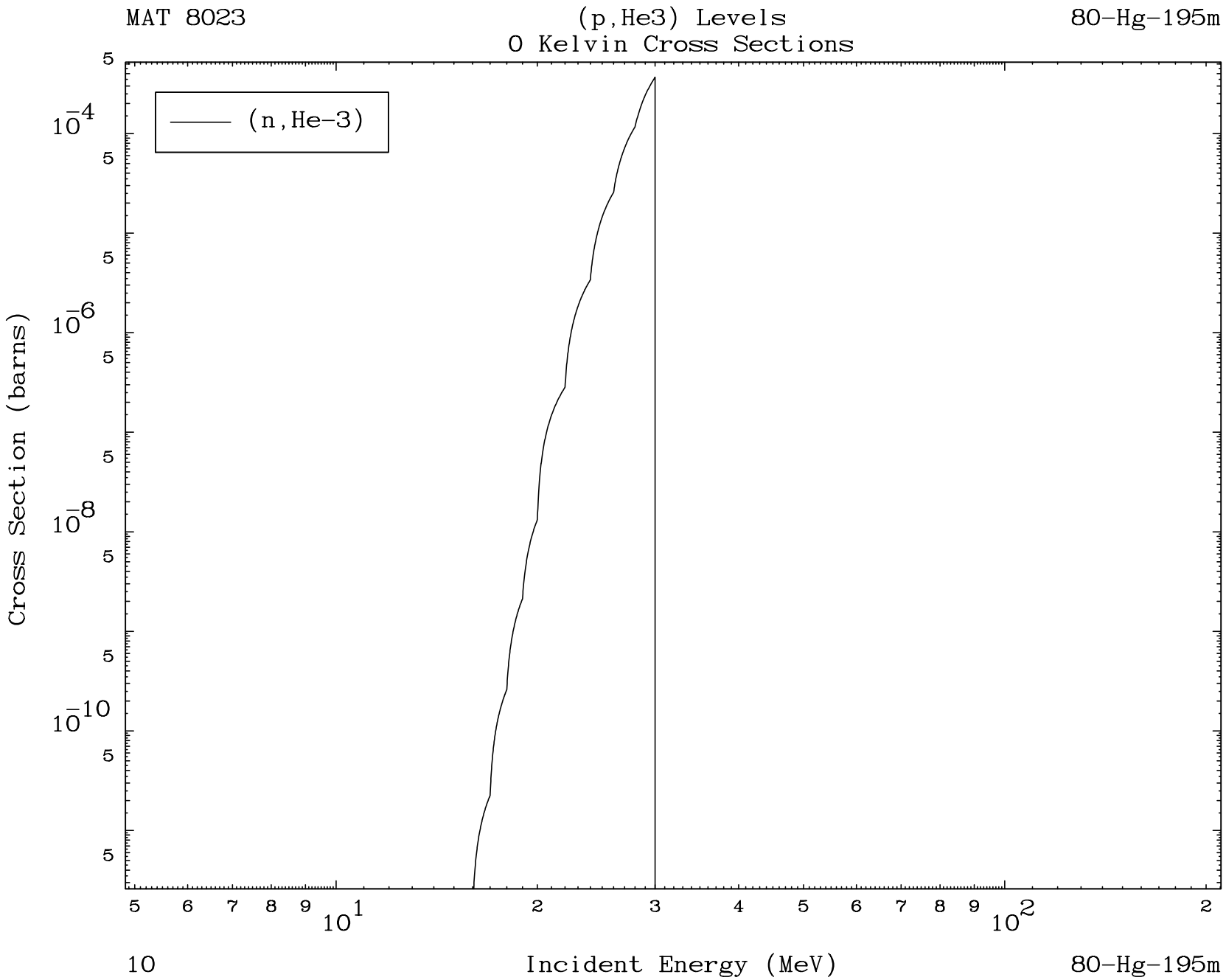

MAT 8023
Proton Charged Particle
0 Kelvin Cross Sections
80-Hg-195m
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
80-Hg-195m

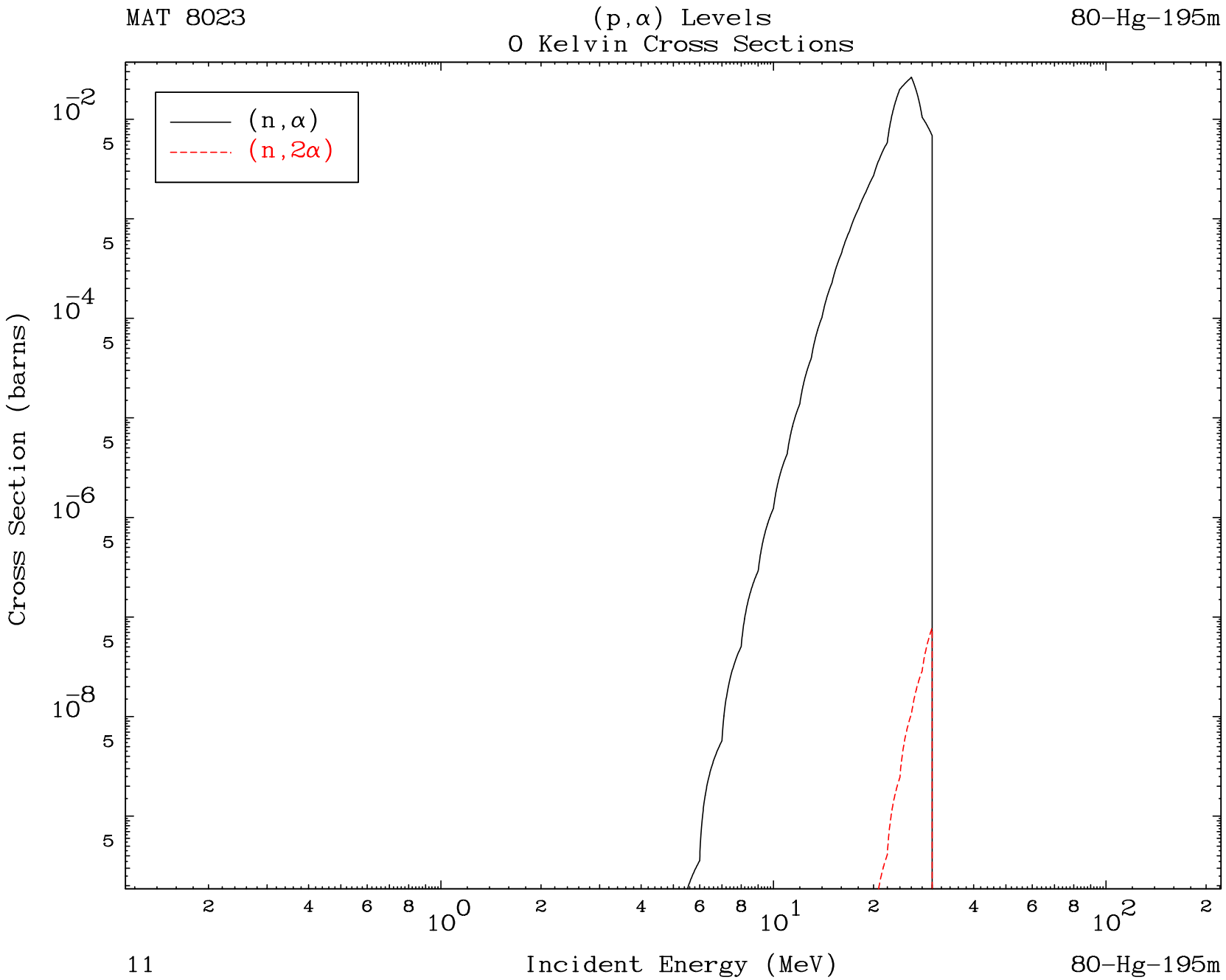

MAT 8023
(p,p) Levels
80-Hg-195m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
80-Hg-195m

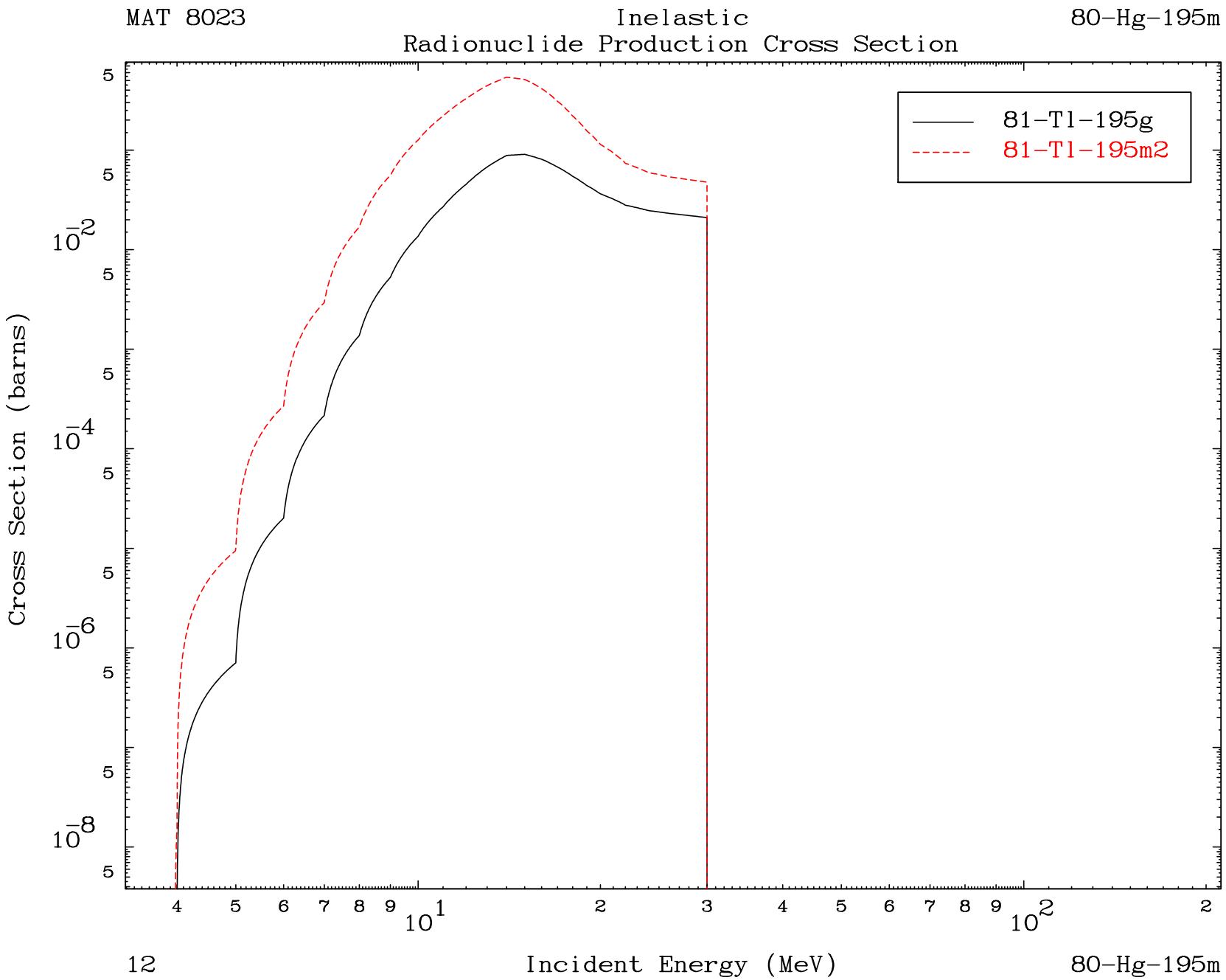
(p,d) Levels
0 Kelvin Cross Sections

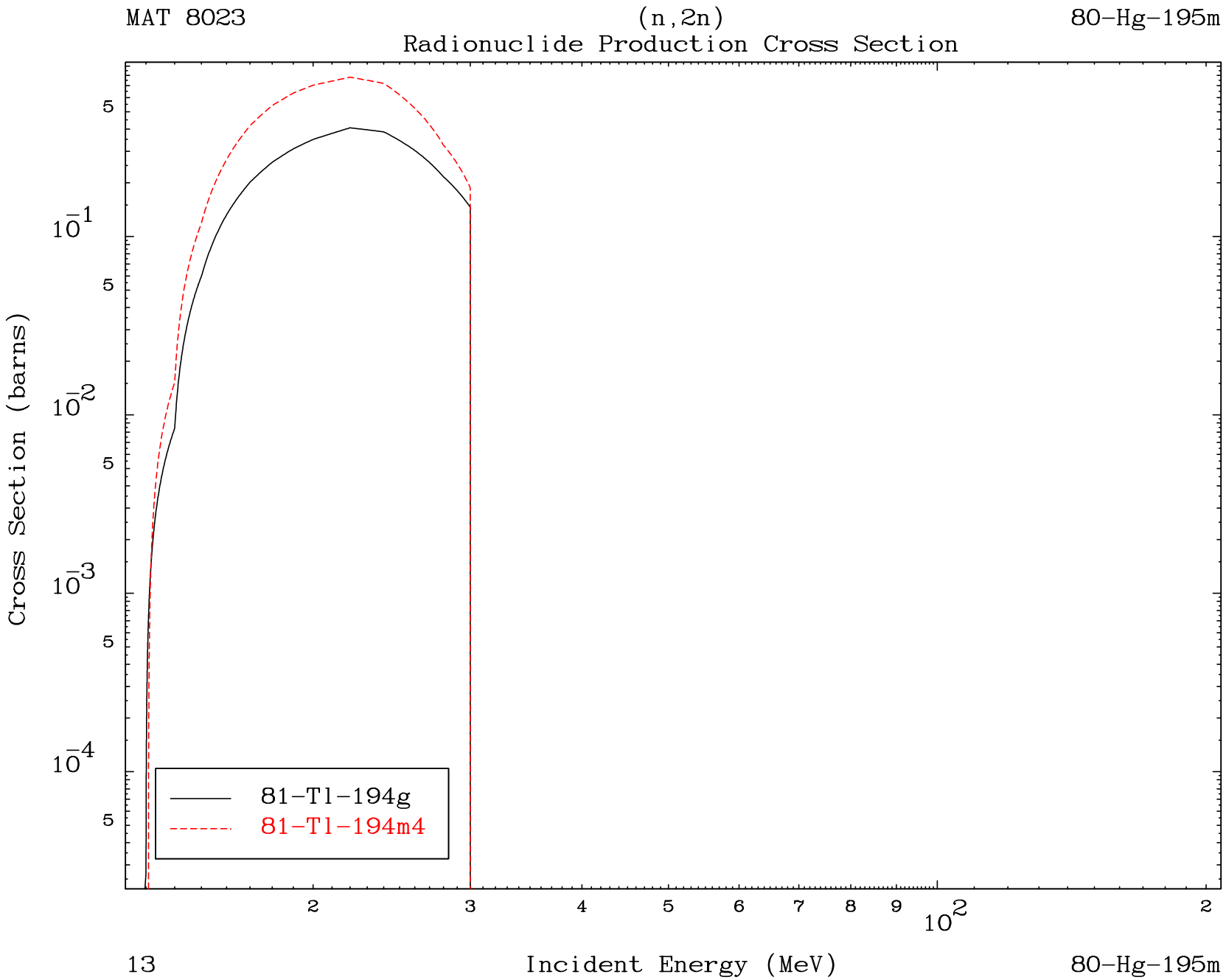


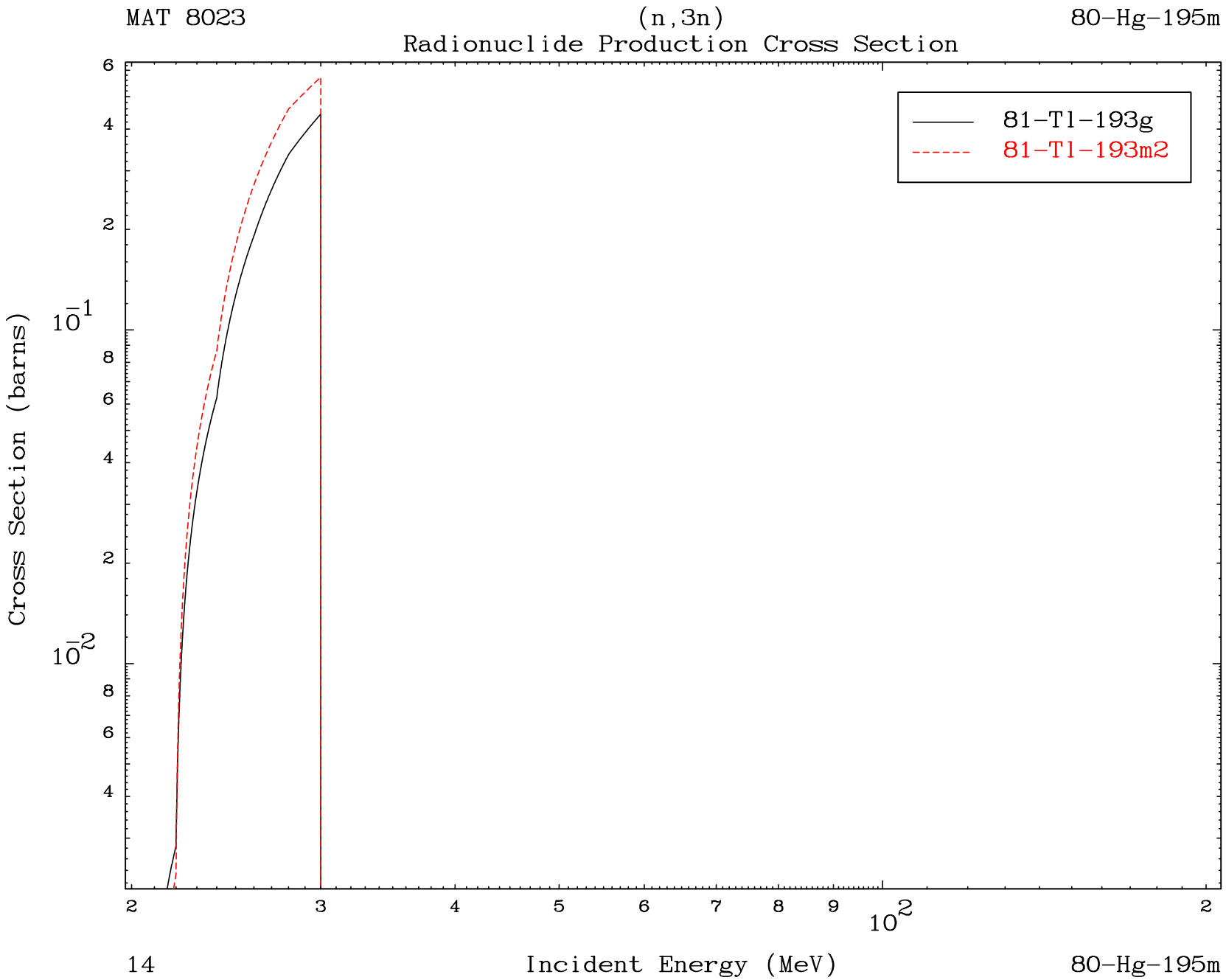

MAT 8023
(p,t) Levels
80-Hg-195m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
10 1
10 2
80-Hg-195m

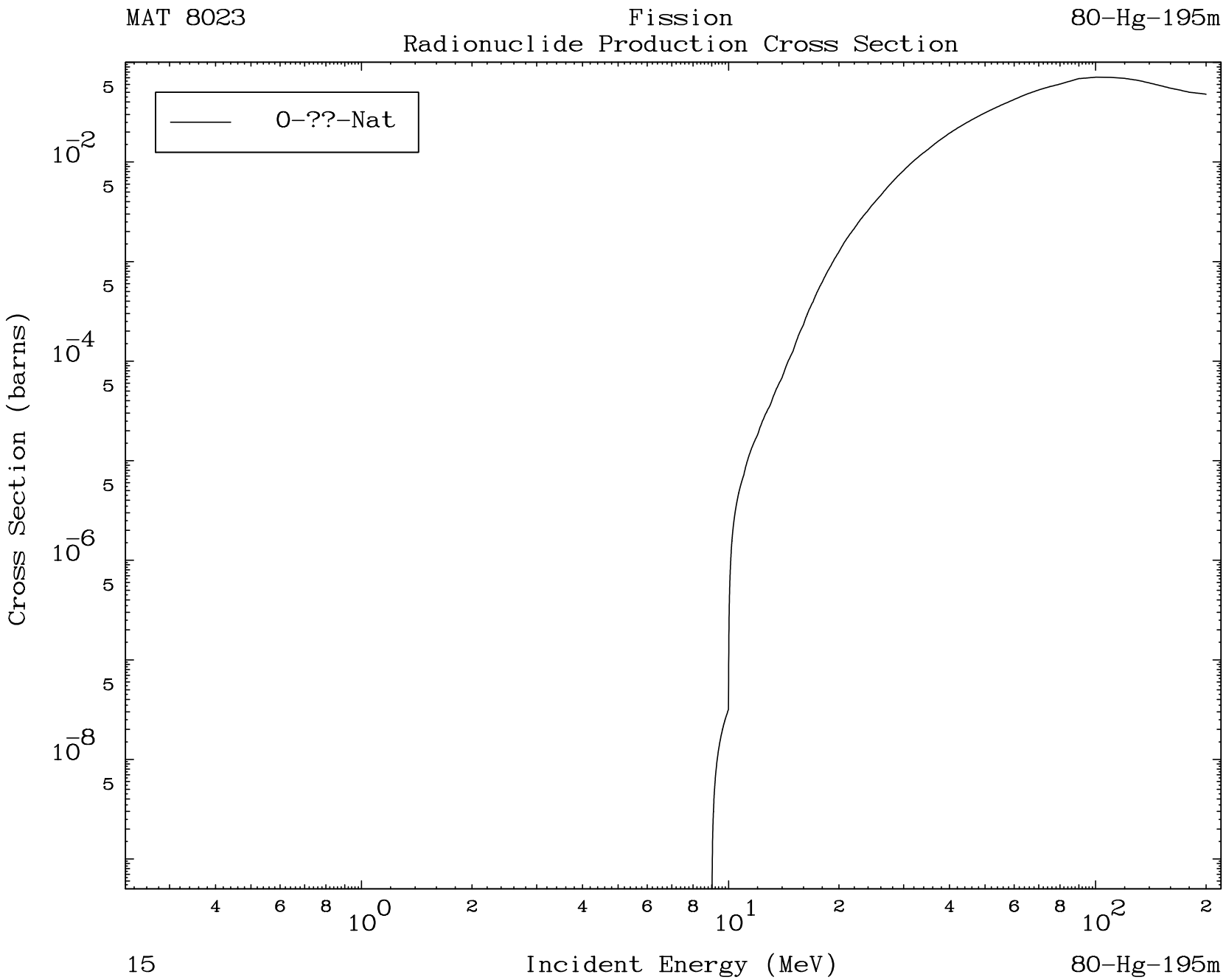

MAT 8023
(p,He3) Levels
80-Hg-195m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
10
80-Hg-195m

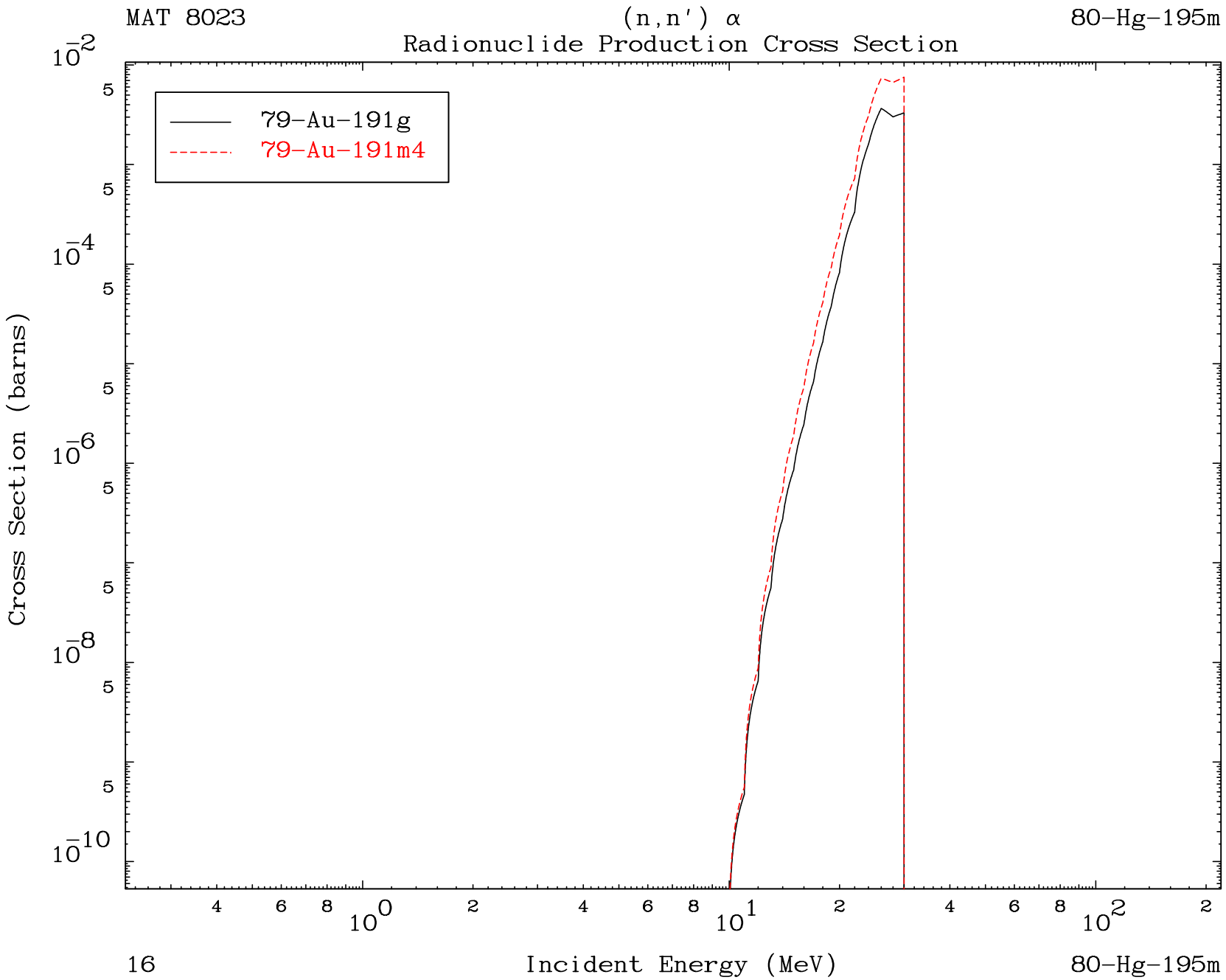

MAT 8023
(p,α) Levels
80-Hg-195m
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
80-Hg-195m

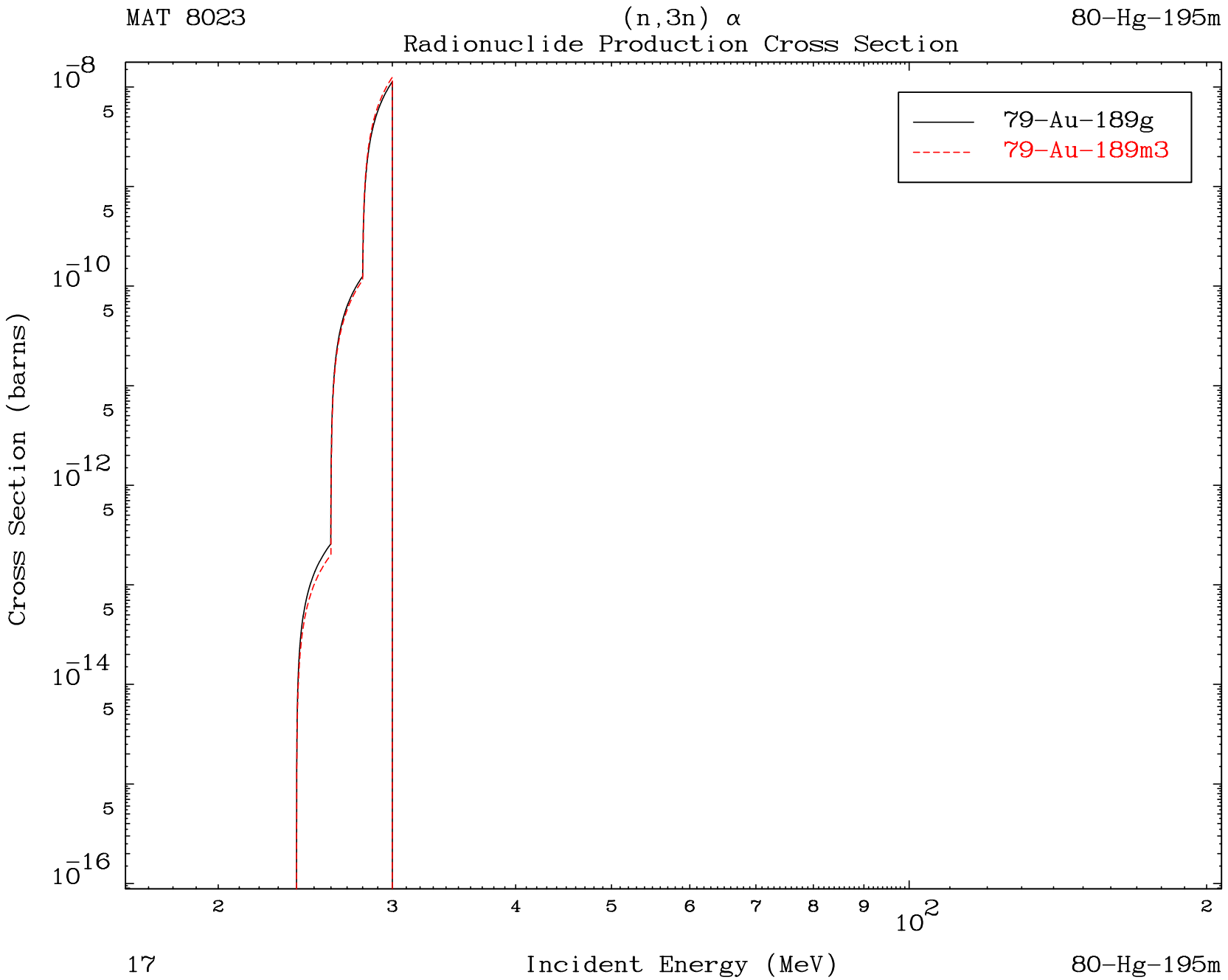

MAT 8023
Inelastic
80-Hg-195m
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
12
80-Hg-195m

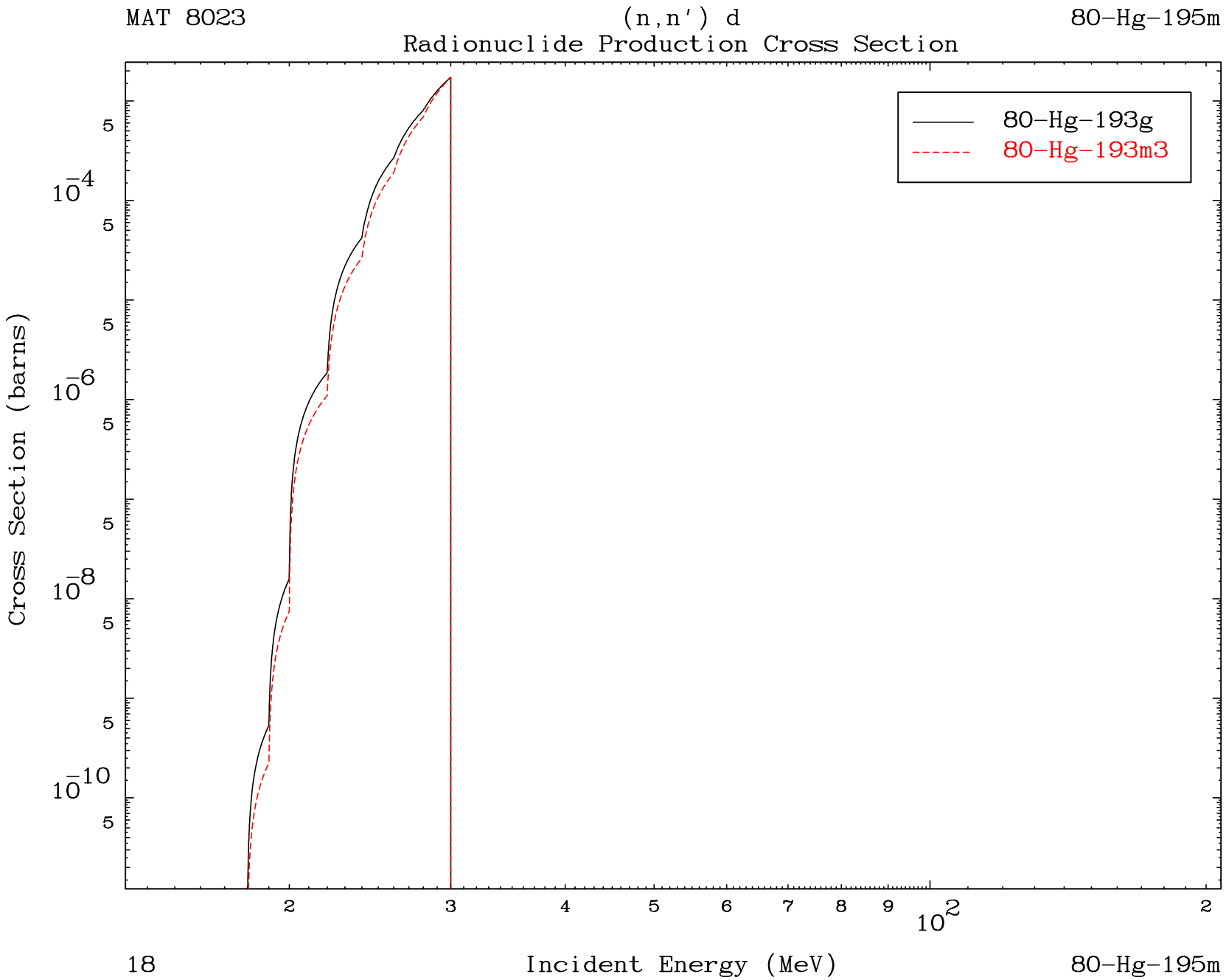

MAT 8023
(n,2n)
80-Hg-195m
Radionuclide Production Cross Section
Cross Section (barns)
10-1
10-2
10-3
10-4
5
2
3
4
5
6
7
8
9
10 2
81-Tl-194g
81-Tl-194m4
13
Incident Energy (MeV)
80-Hg-195m

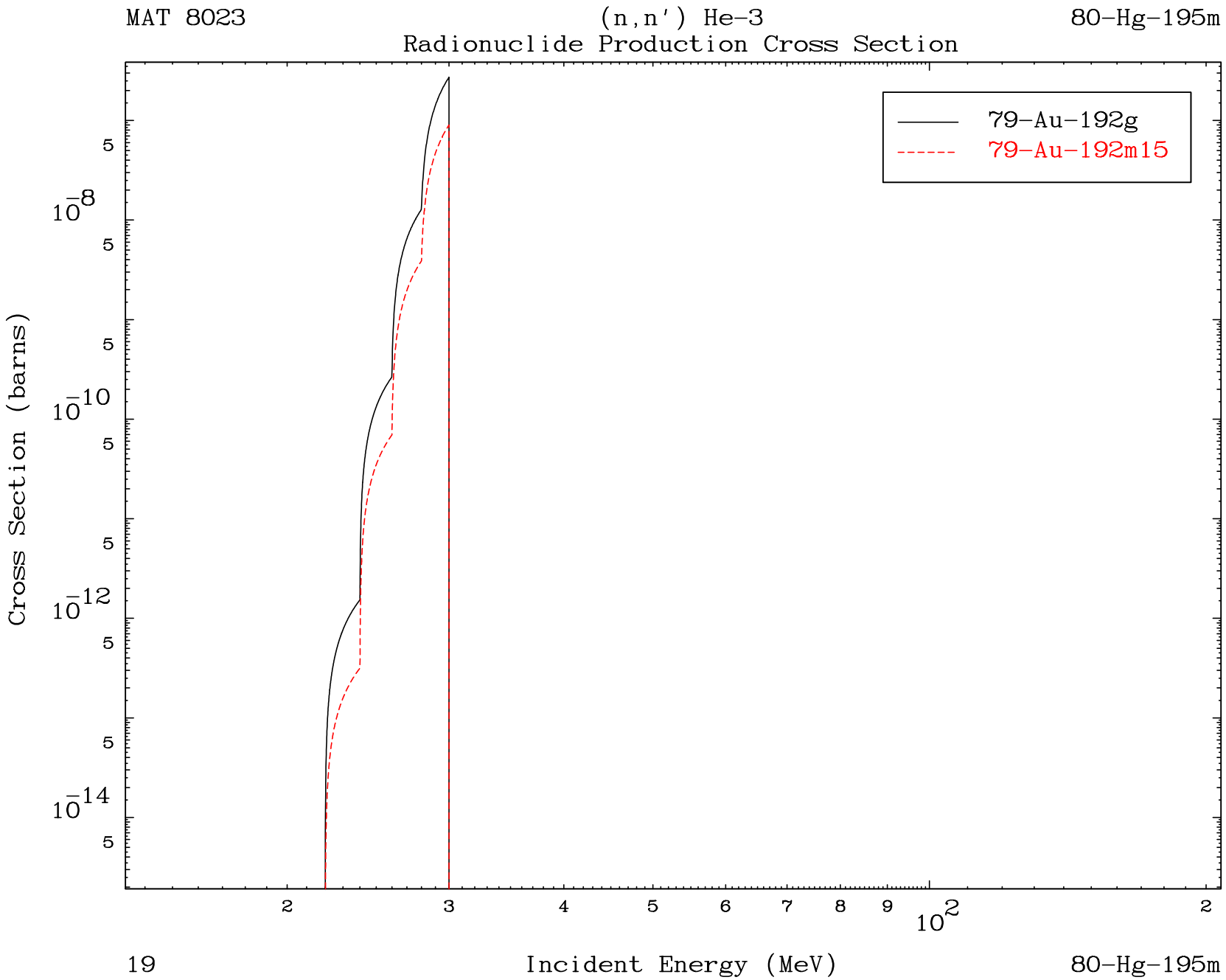

MAT 8023
(n,3n)
80-Hg-195m
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
Incident Energy (MeV)
14
80-Hg-195m

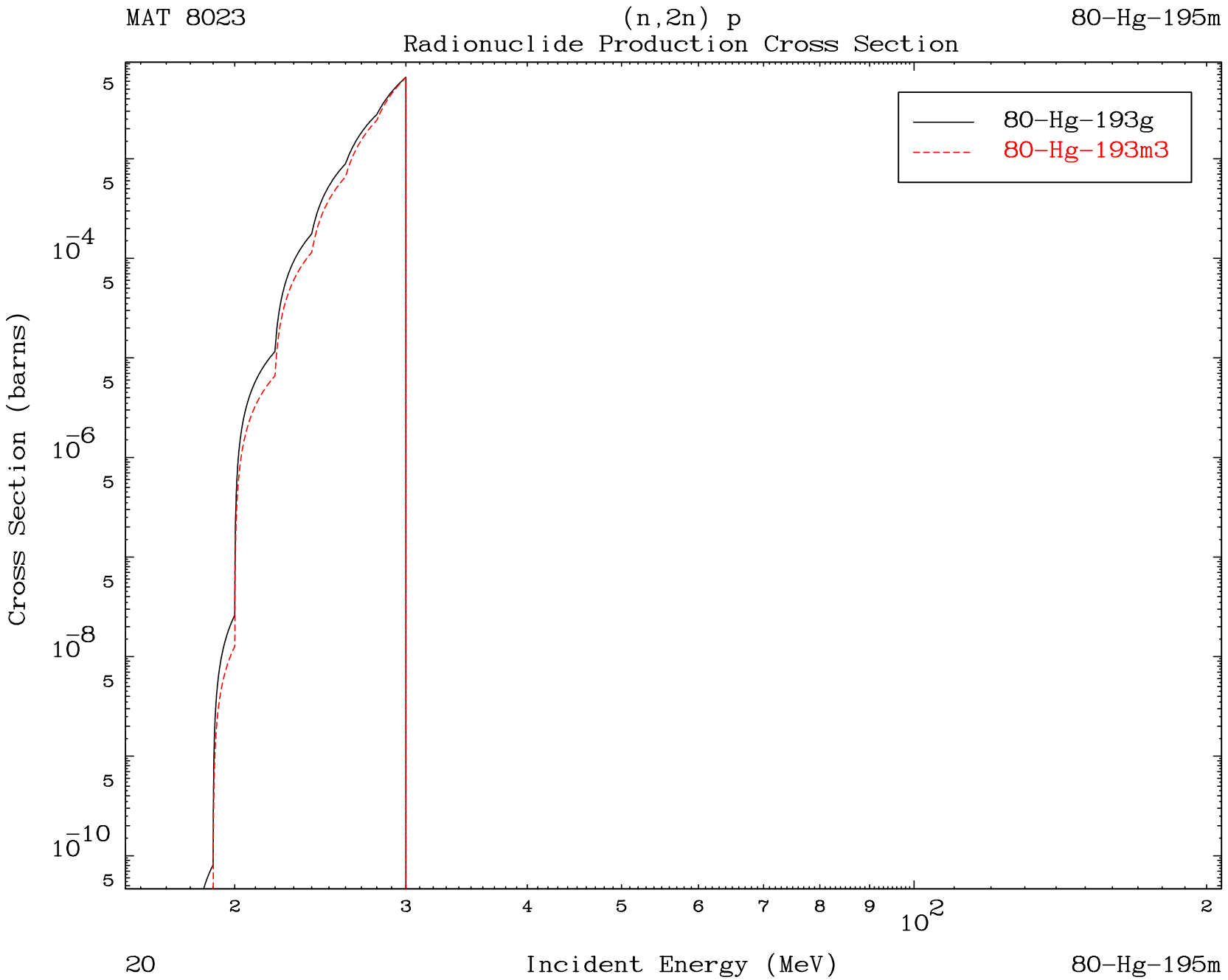

MAT 8023
Fission
80-Hg-195m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
80-Hg-195m

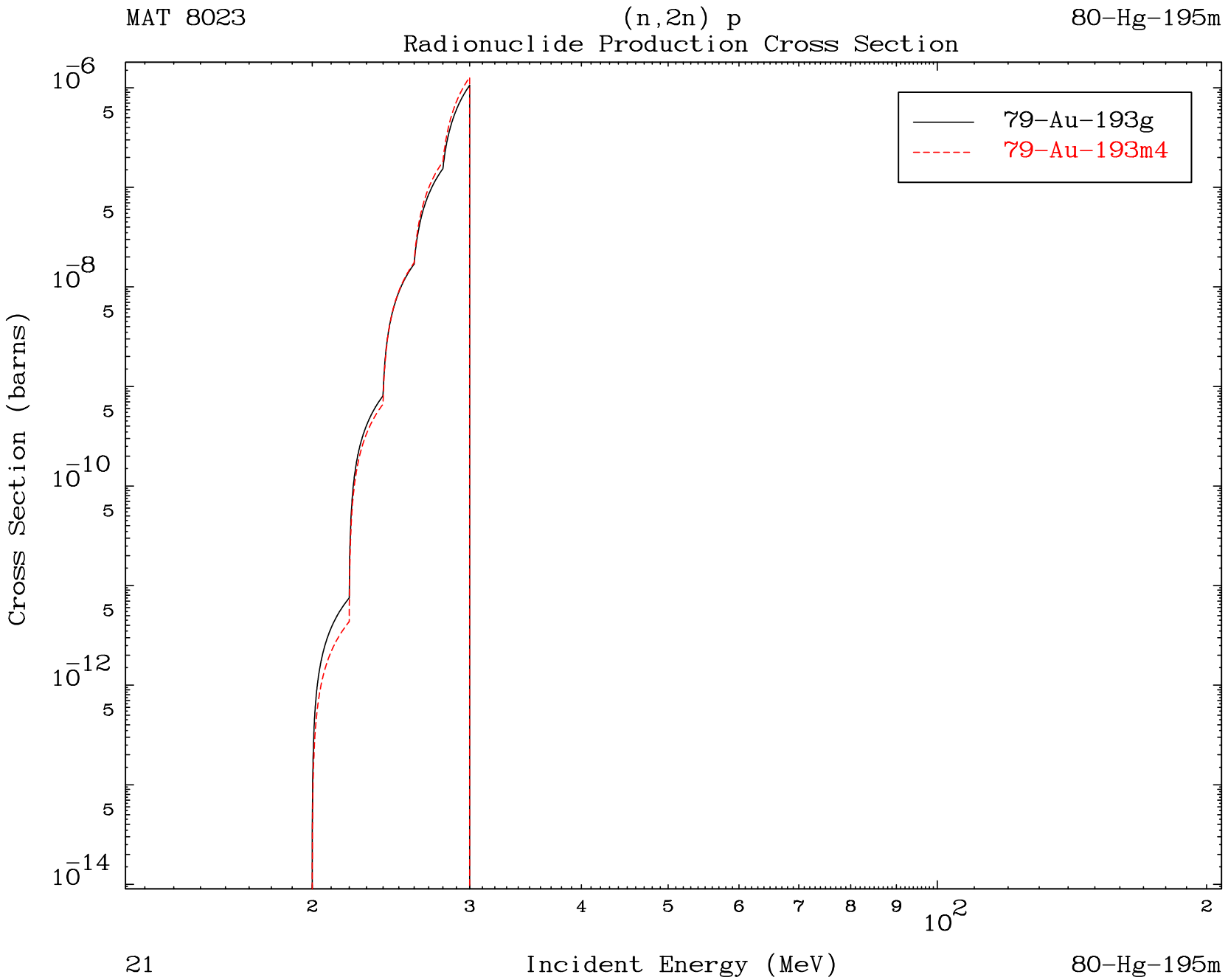

MAT 8023
(n,n') α
80-Hg-195m
Radionuclide Production Cross Section
79-Au-191g
79-Au-191m4
Cross Section (barns)
Incident Energy (MeV)
16
80-Hg-195m

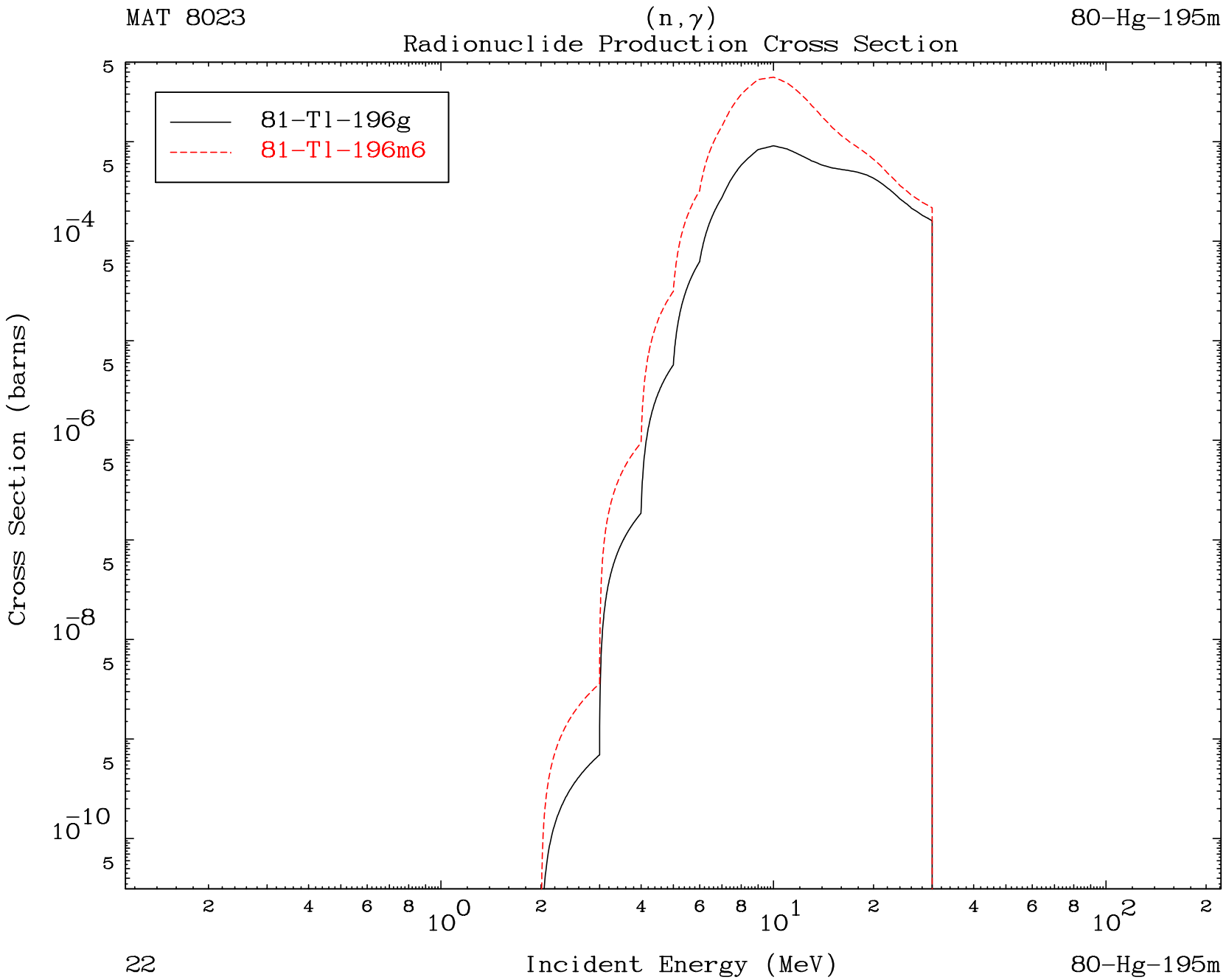

MAT 8023
(n,3n) α
80-Hg-195m
Radionuclide Production Cross Section
79-Au-189g
79-Au-189m3
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^-16
5
2
3
4
6
7
8
9
10^2
17
Incident Energy (MeV)
80-Hg-195m

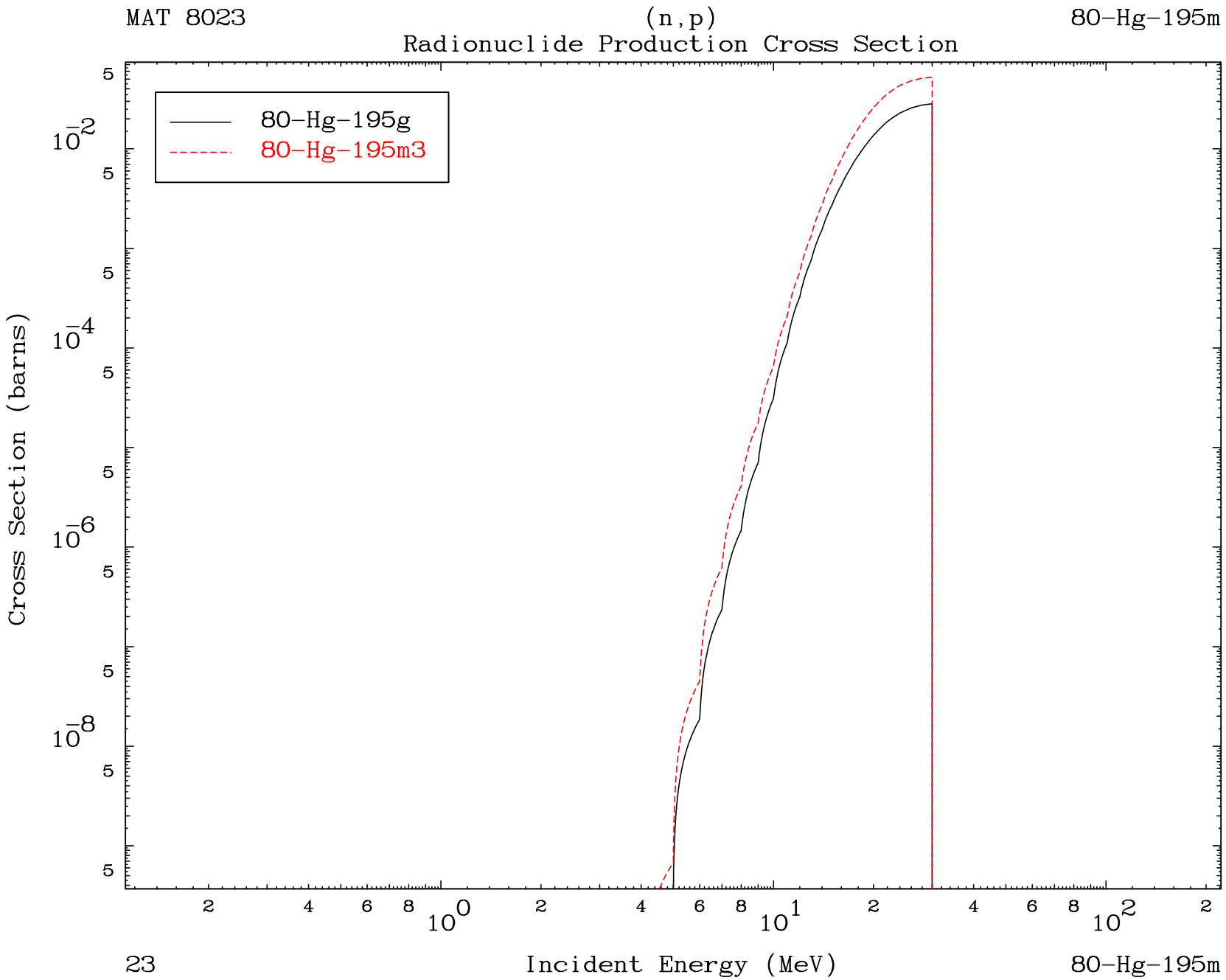

MAT 8023
(n,n') d
80-Hg-195m
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
18
Incident Energy (MeV)
80-Hg-195m

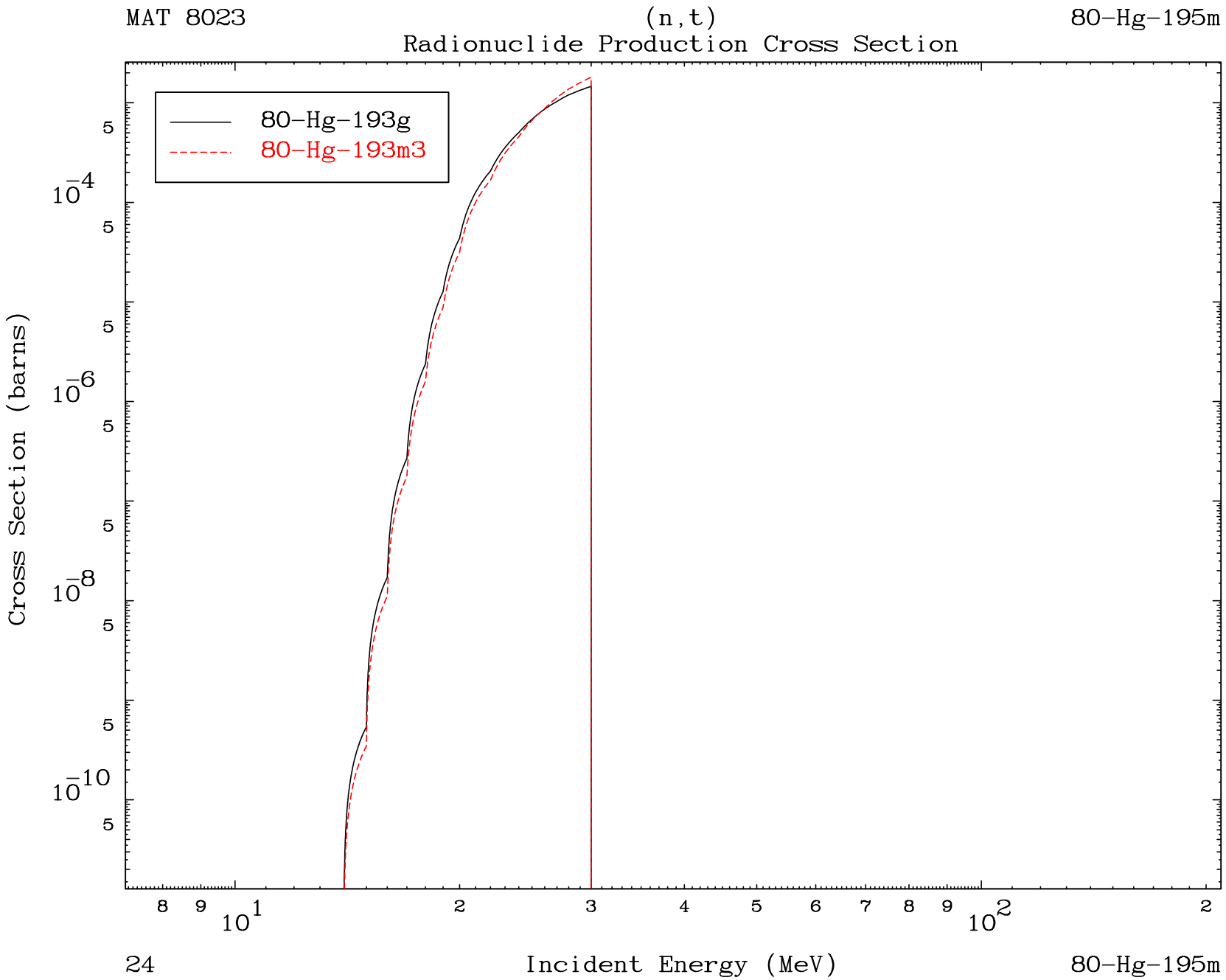

MAT 8023
(n,n') He-3
80-Hg-195m
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
19
Incident Energy (MeV)
80-Hg-195m

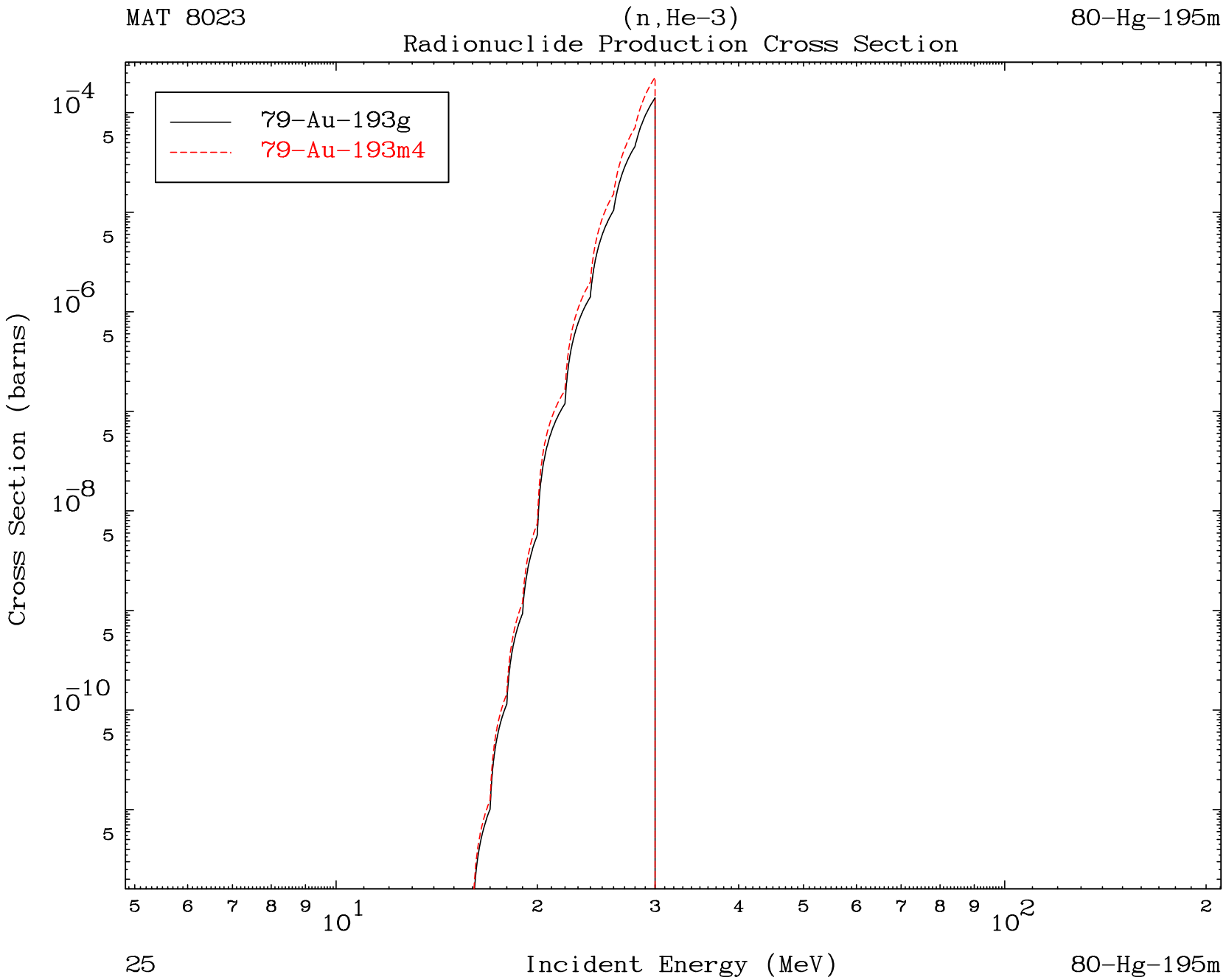

MAT 8023
(n,2n) p
80-Hg-195m
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
20
80-Hg-195m

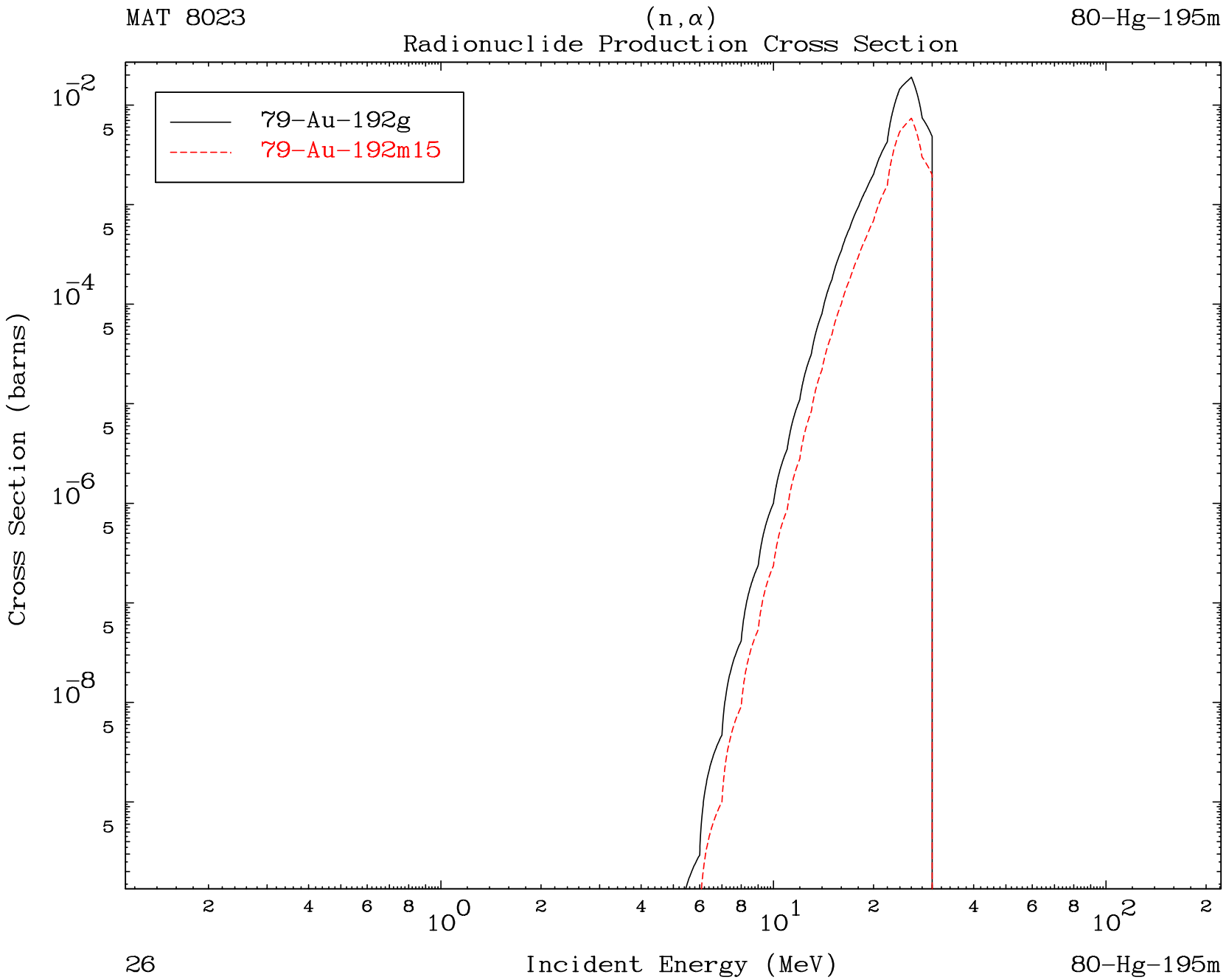

MAT 8023
(n,2n) p
80-Hg-195m
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
21
80-Hg-195m

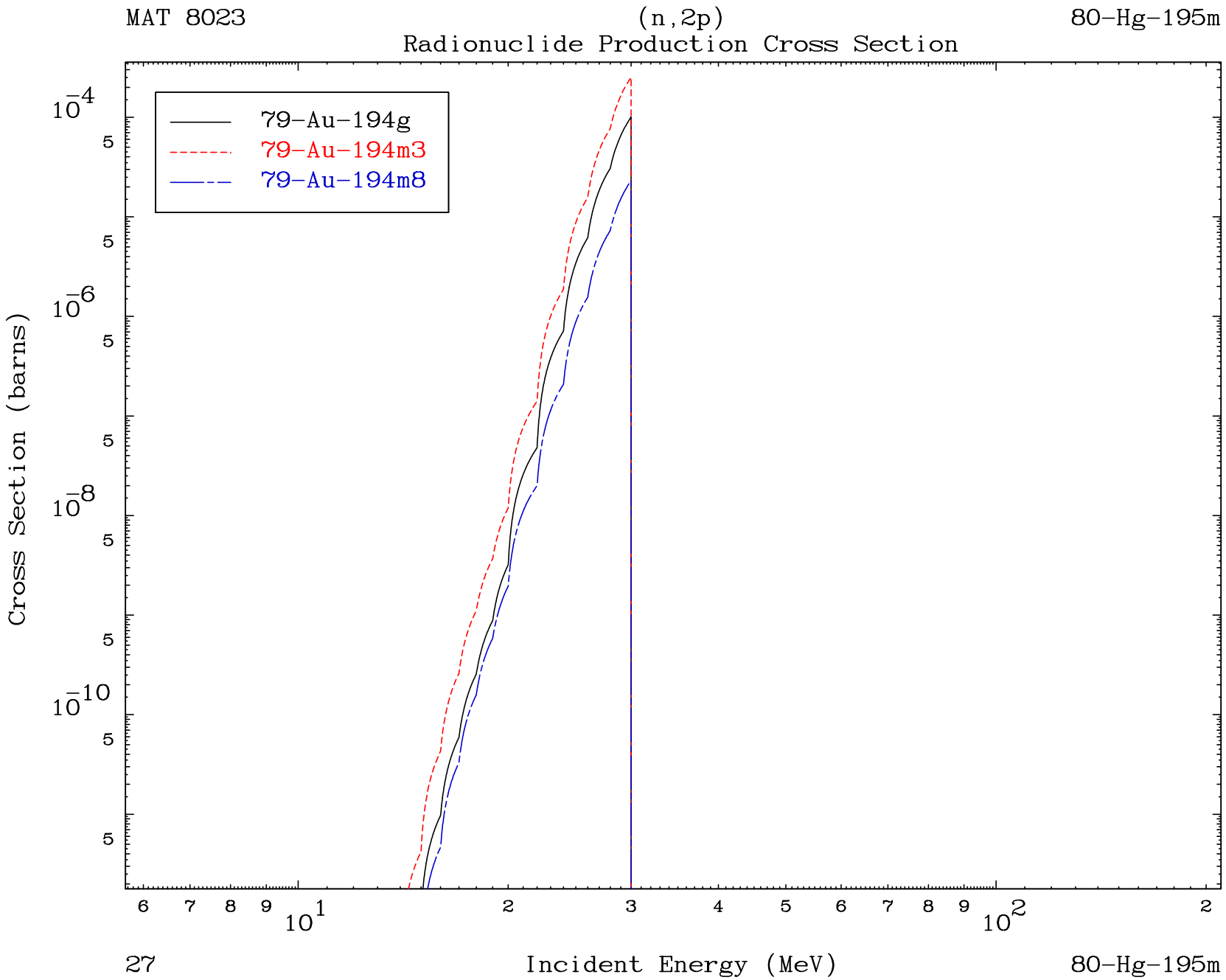

MAT 8023
(n,γ)
80-Hg-195m
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
22
80-Hg-195m


MAT 8023
(n,p)
80-Hg-195m
Radionuclide Production Cross Section
80-Hg-195g
80-Hg-195m3
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
23
80-Hg-195m


MAT 8023
(n,t)
80-Hg-195m
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
24
80-Hg-195m


MAT 8023
(n,He-3)
80-Hg-195m
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
Incident Energy (MeV)
25
80-Hg-195m


MAT 8023
(n,α)
80-Hg-195m
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
Incident Energy (MeV)
26
80-Hg-195m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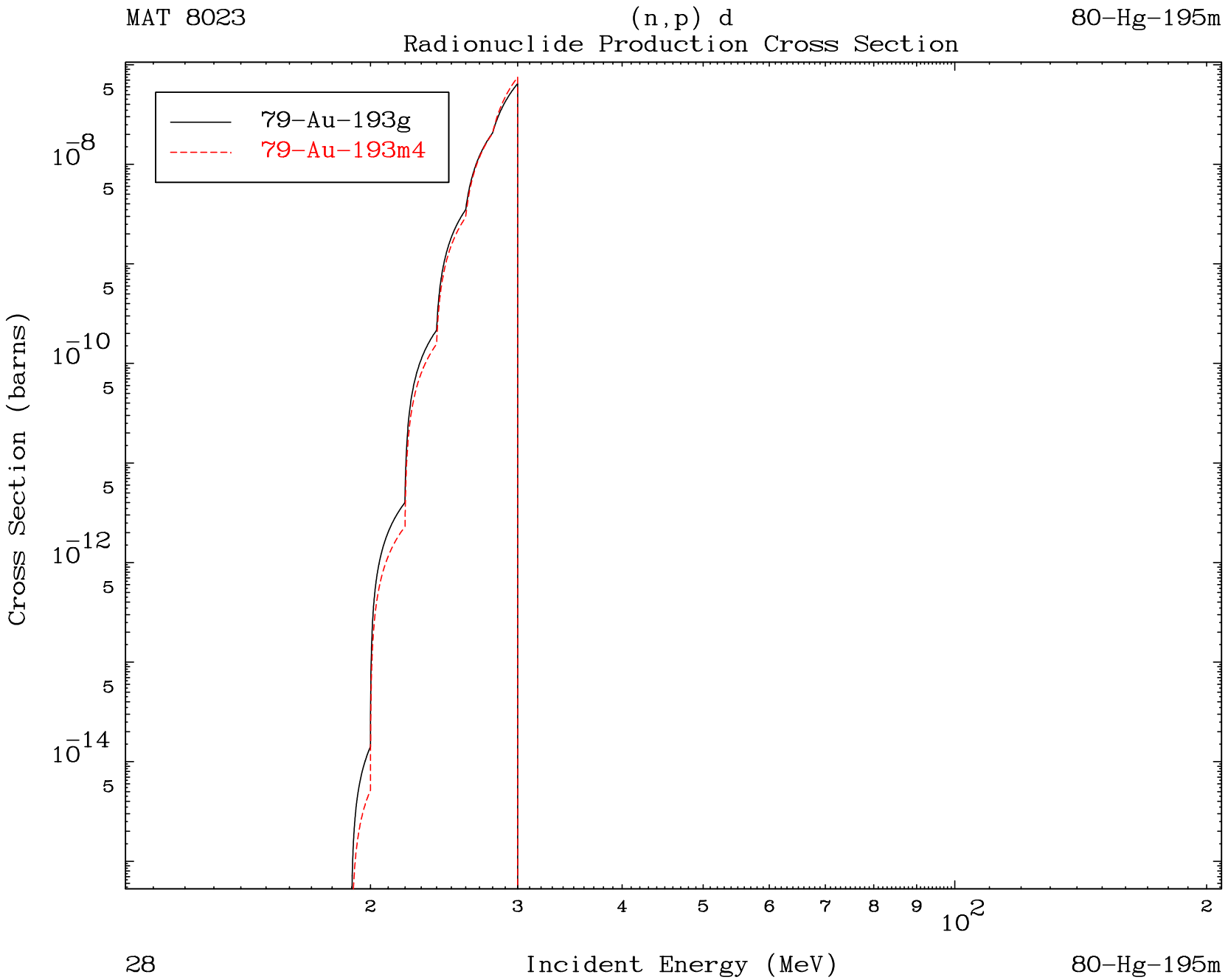
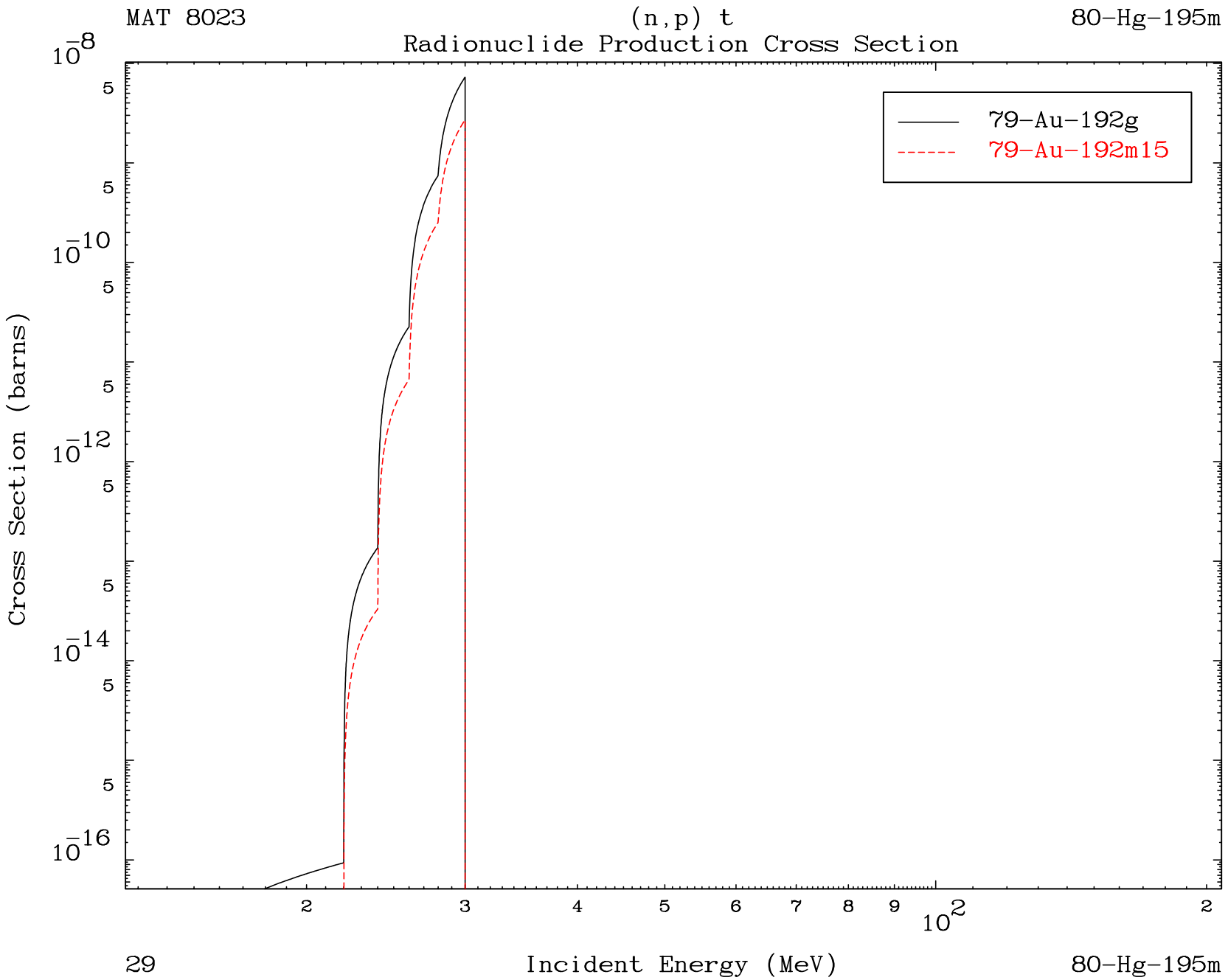
(n,2p)
80-Hg-195m
Radionuclide Production Cross Section
79-Au-194g
79-Au-194m3
79-Au-194m8
Cross Section (barns)
Incident Energy (MeV)
27
80-Hg-195m


MAT 8023
(n,p) d
80-Hg-195m
Radionuclide Production Cross Section
79-Au-193g
79-Au-193m4
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
28
Incident Energy (MeV)
80-Hg-195m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(n,p) t
80-Hg-195m
Radionuclide Production Cross Section
79-Au-192g
79-Au-192m15
Cross Section (barns)
Incident Energy (MeV)
29
80-Hg-195m