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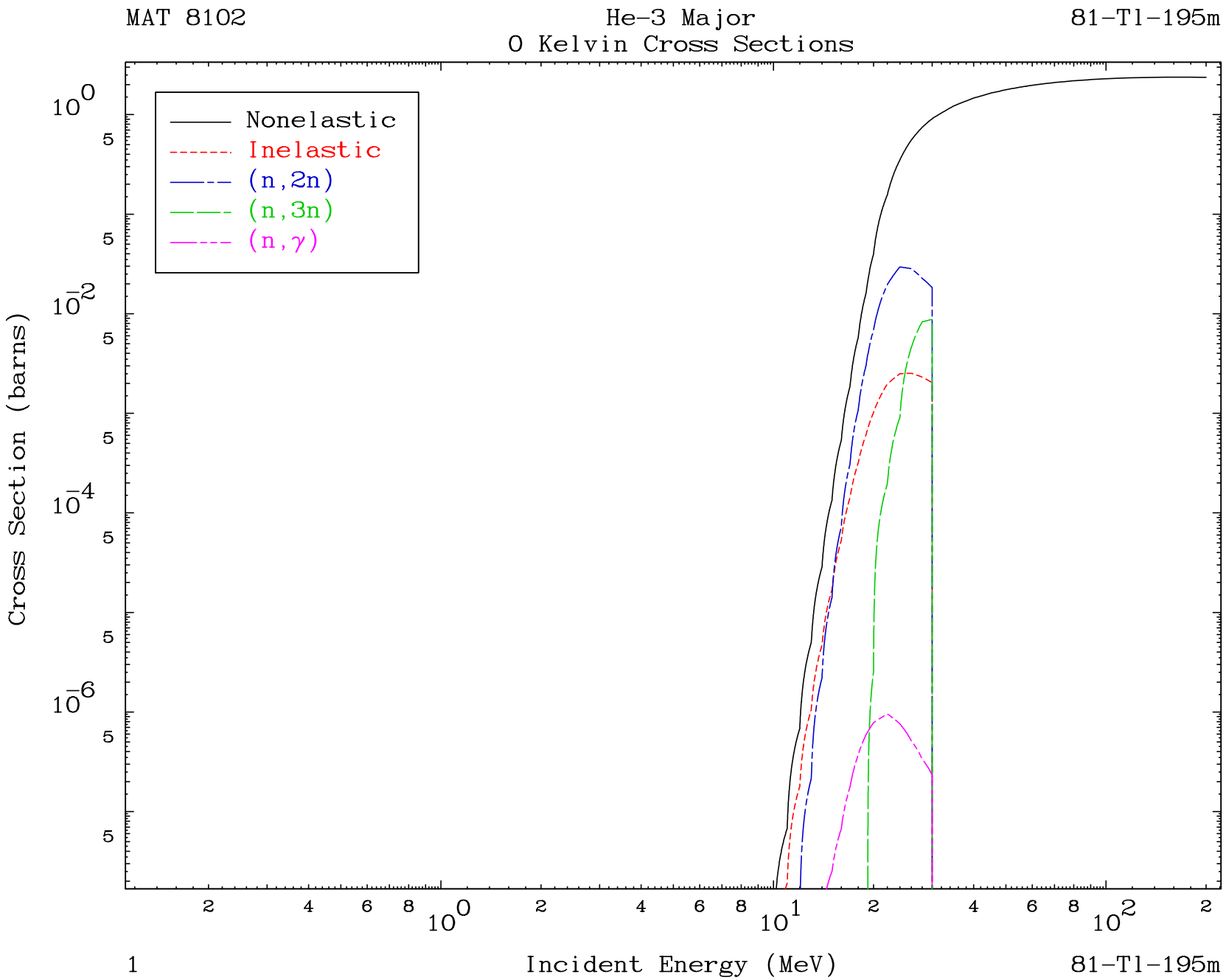
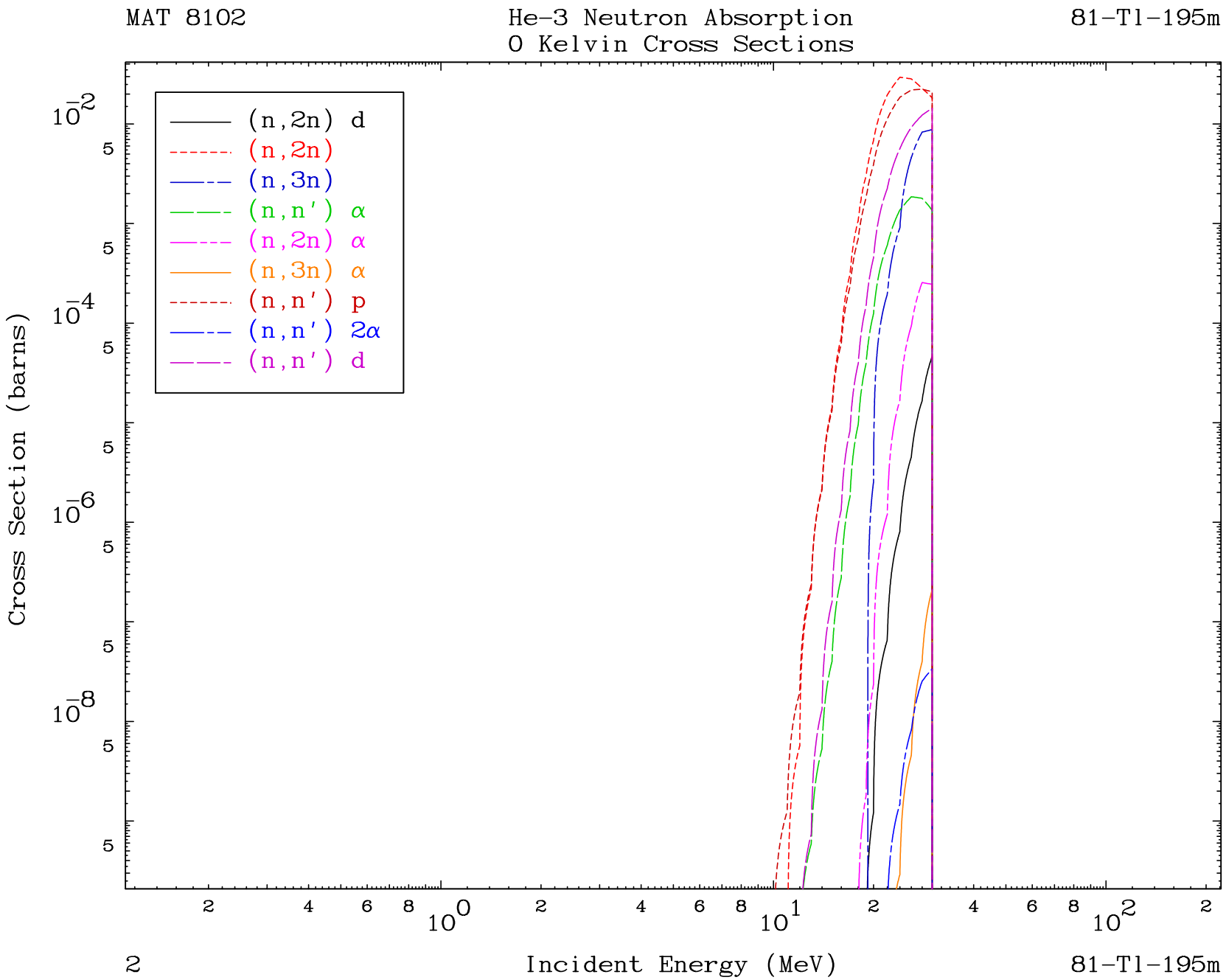
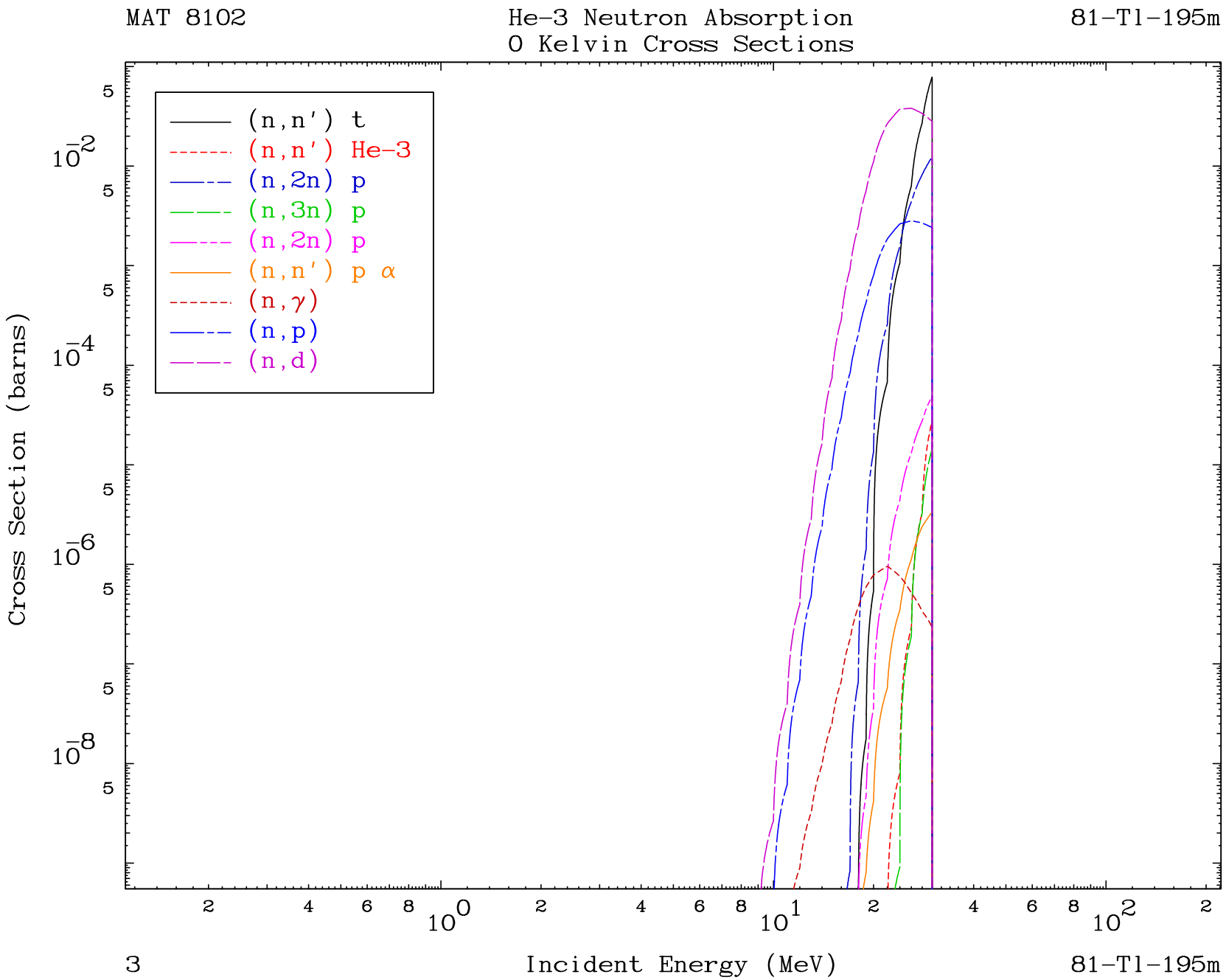
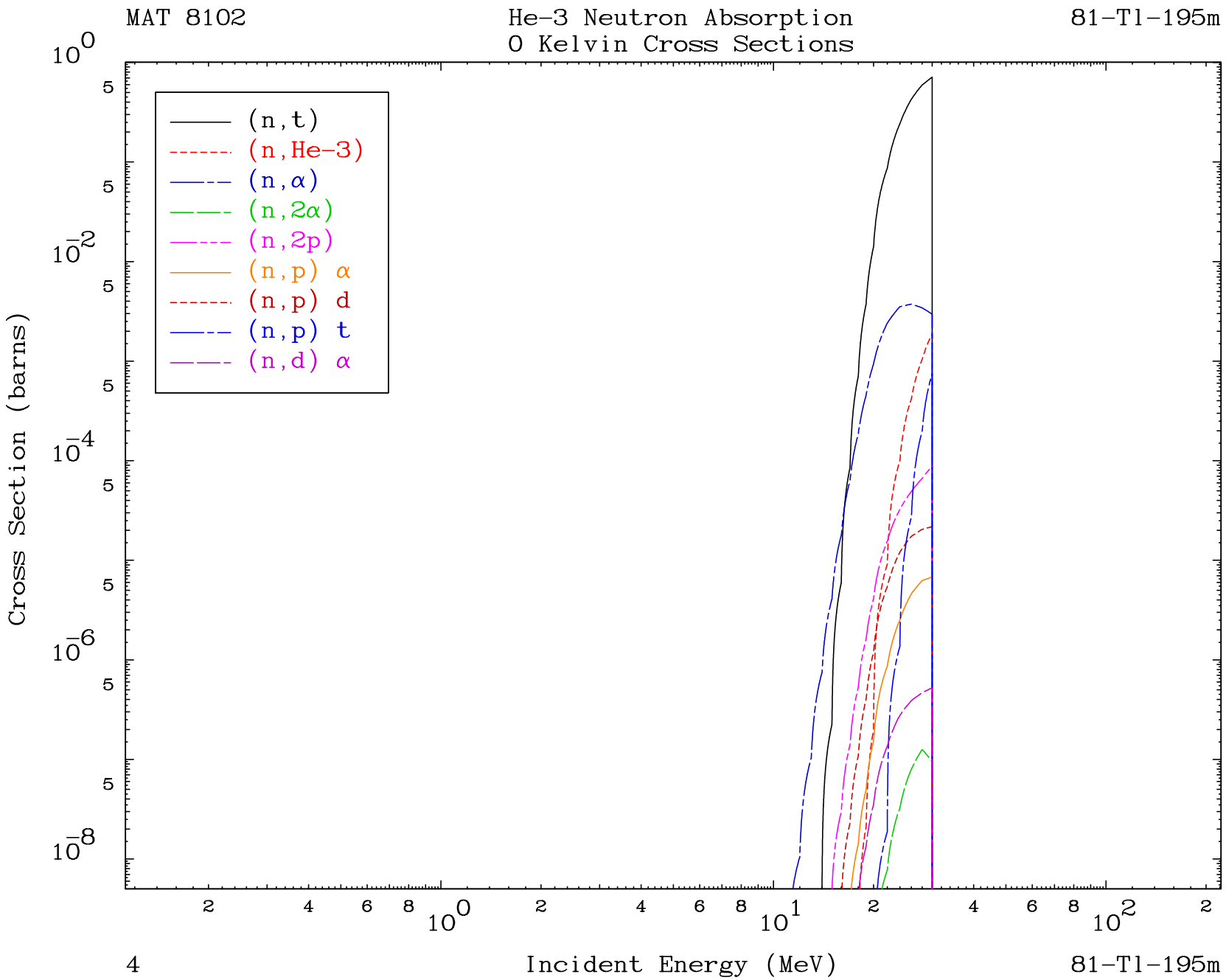
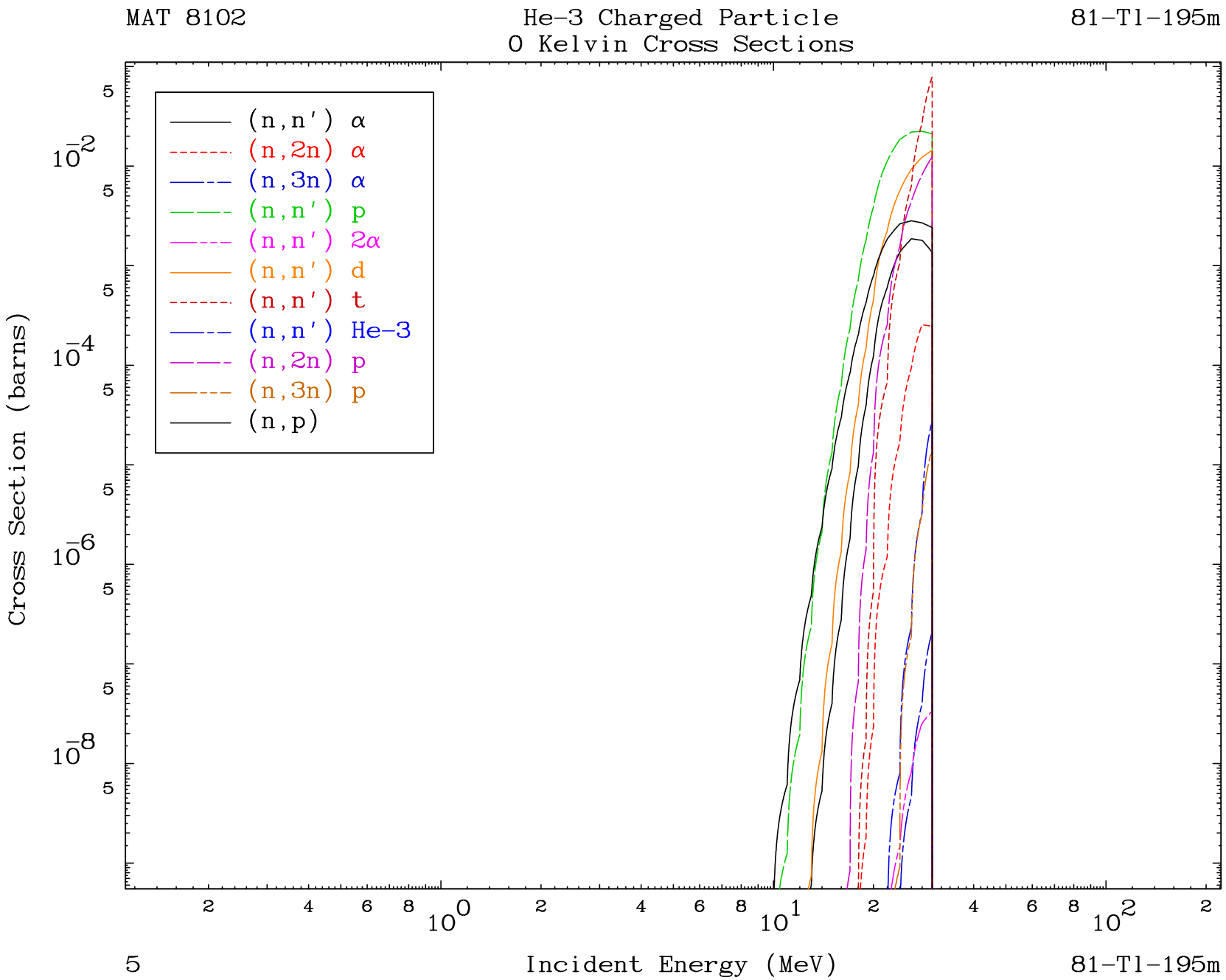
Press Mouse Button to Start

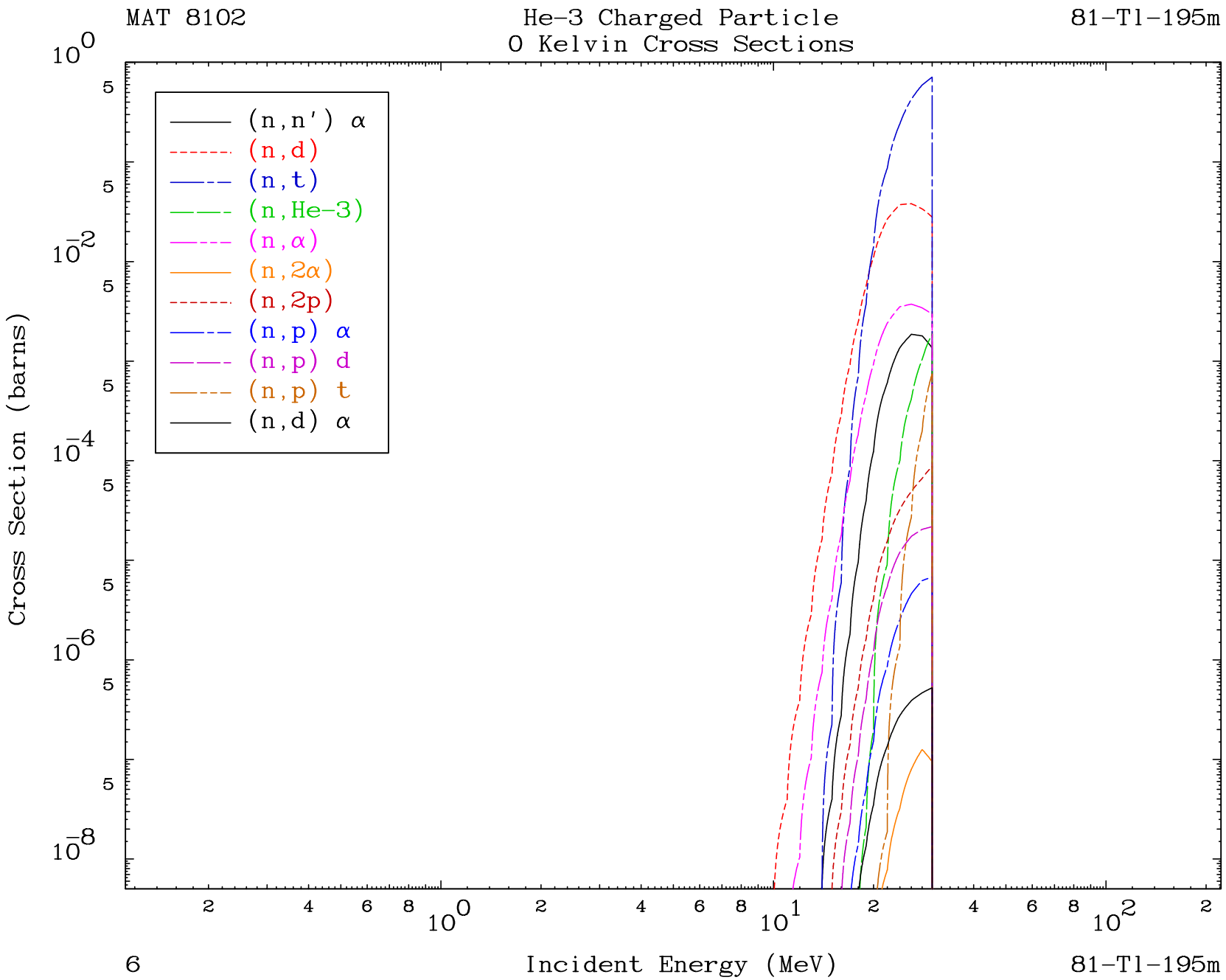

MAT 8102
He-3 Major
81-Tl-195m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m

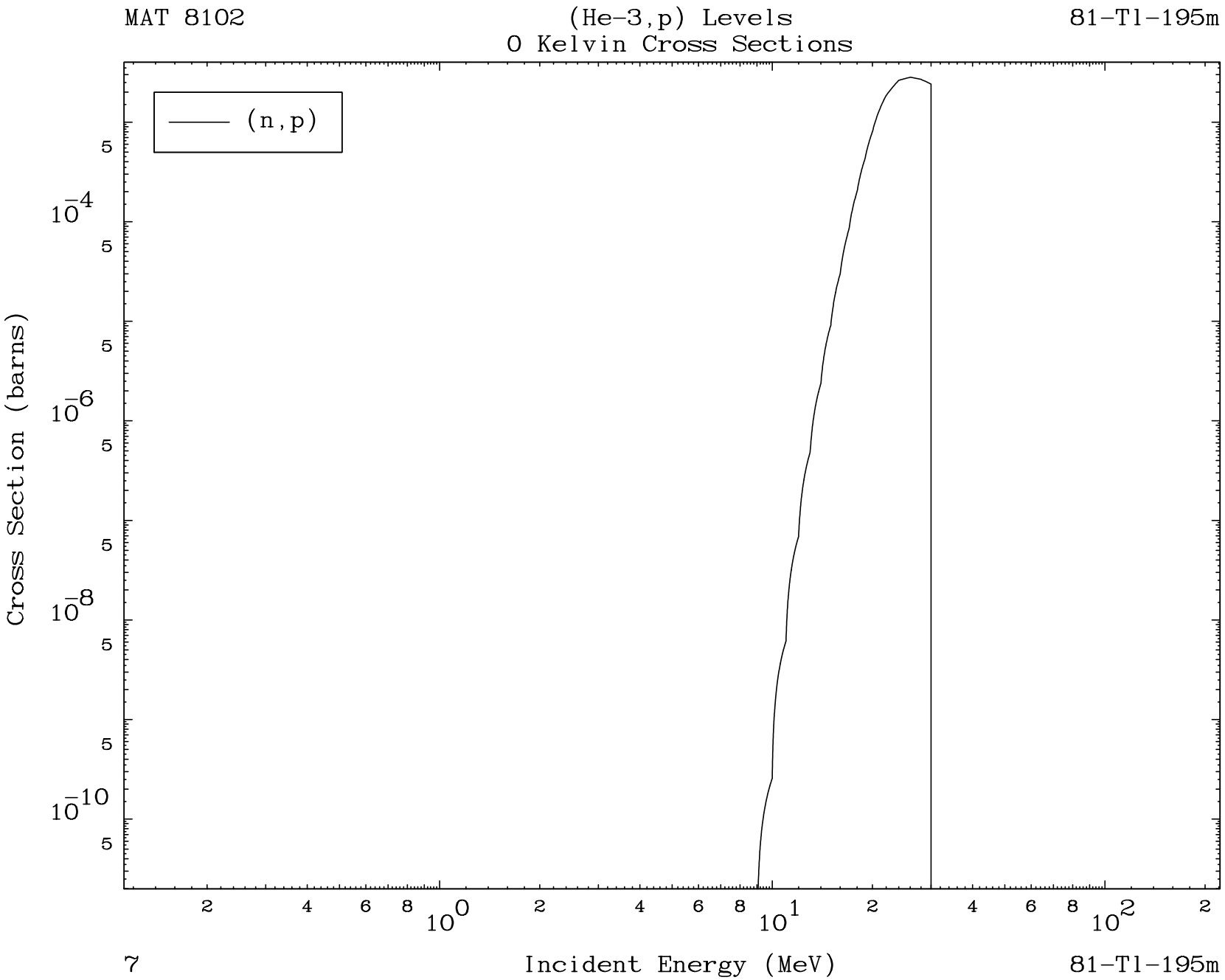

MAT 8102
He-3 Neutron Absorption
0 Kelvin Cross Sections
81-Tl-195m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m

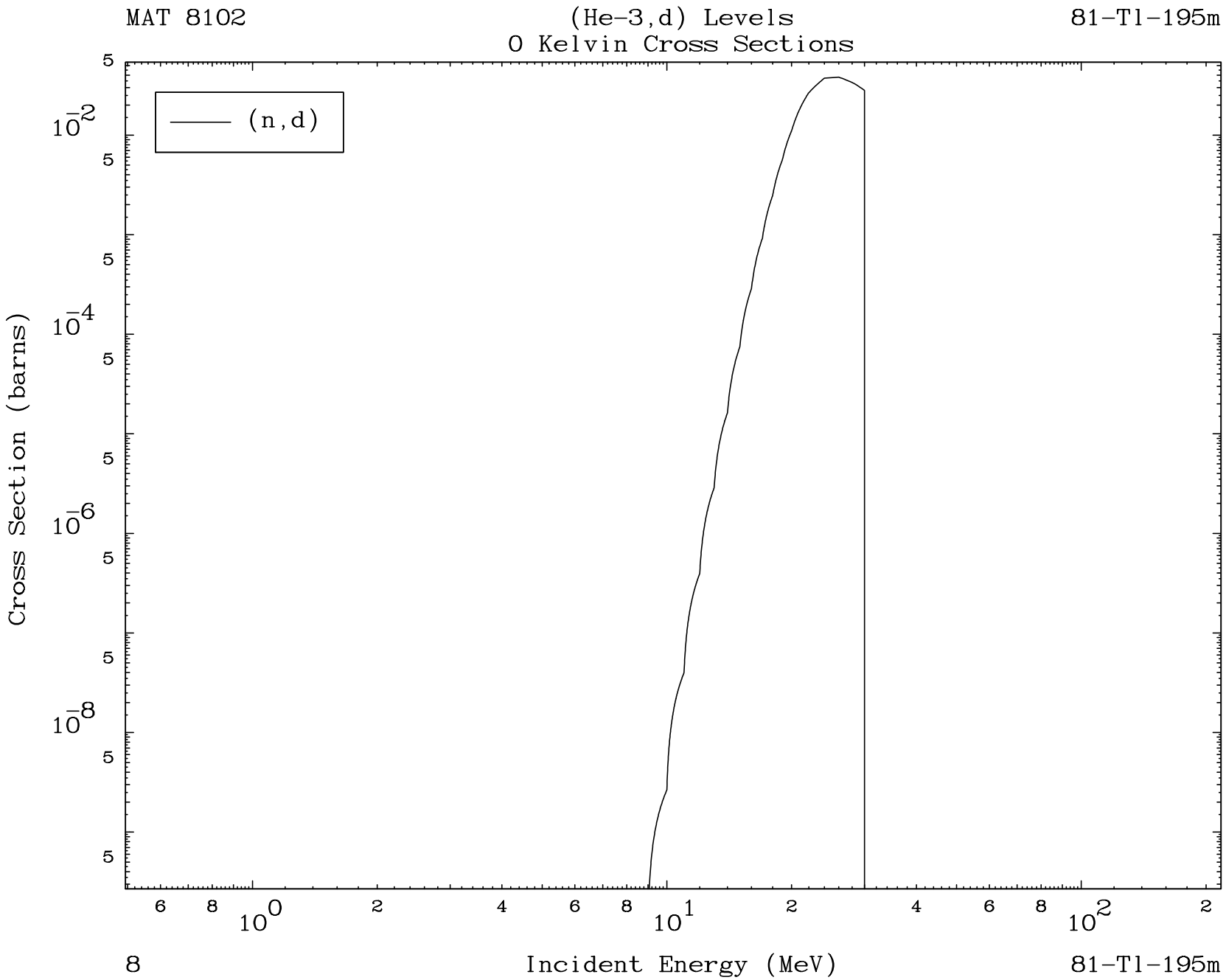

MAT 8102
He-3 Neutron Absorption
0 Kelvin Cross Sections
81-Tl-195m
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
81-Tl-195m

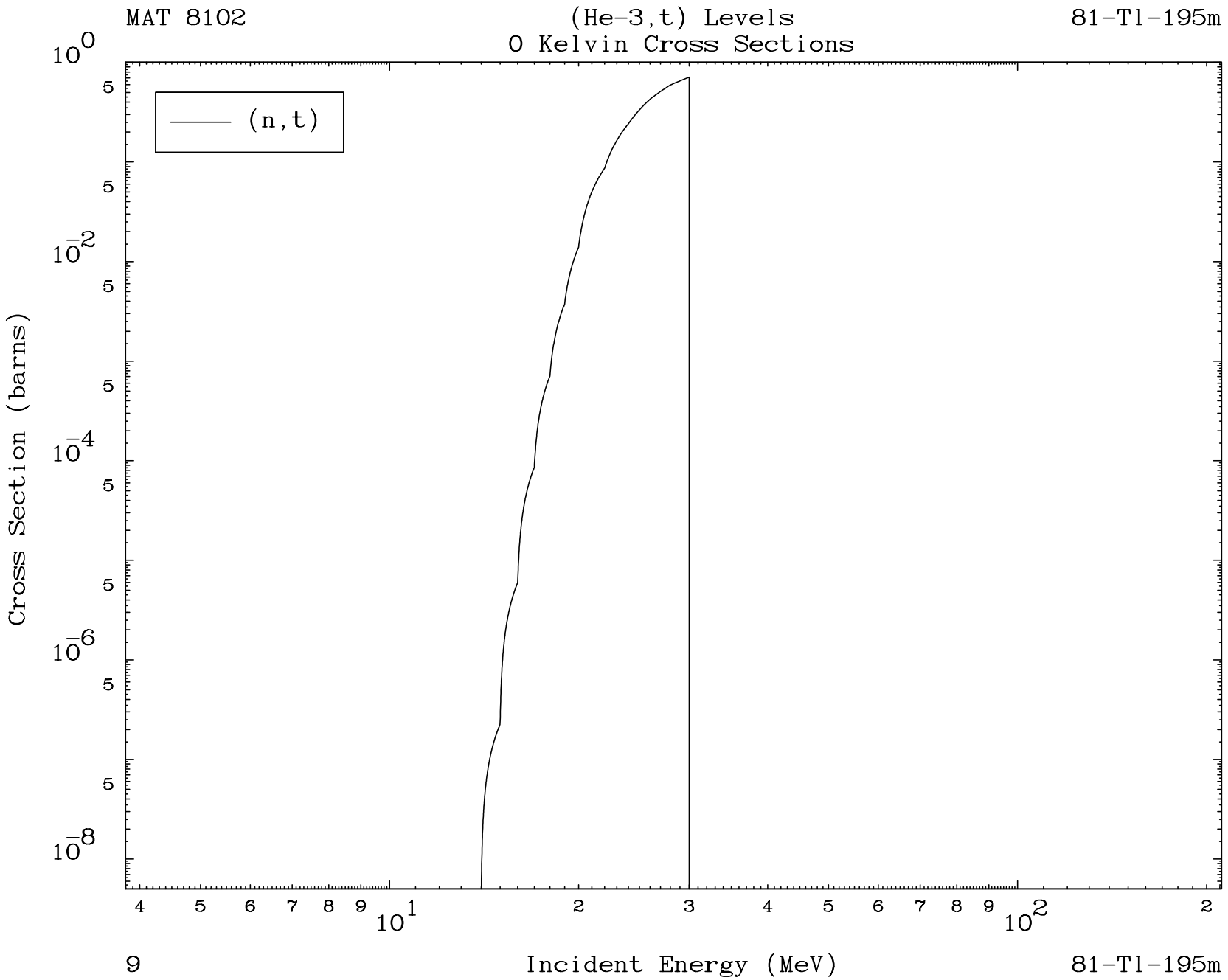

MAT 8102
He-3 Neutron Absorption
0 Kelvin Cross Sections
81-Tl-195m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m
4

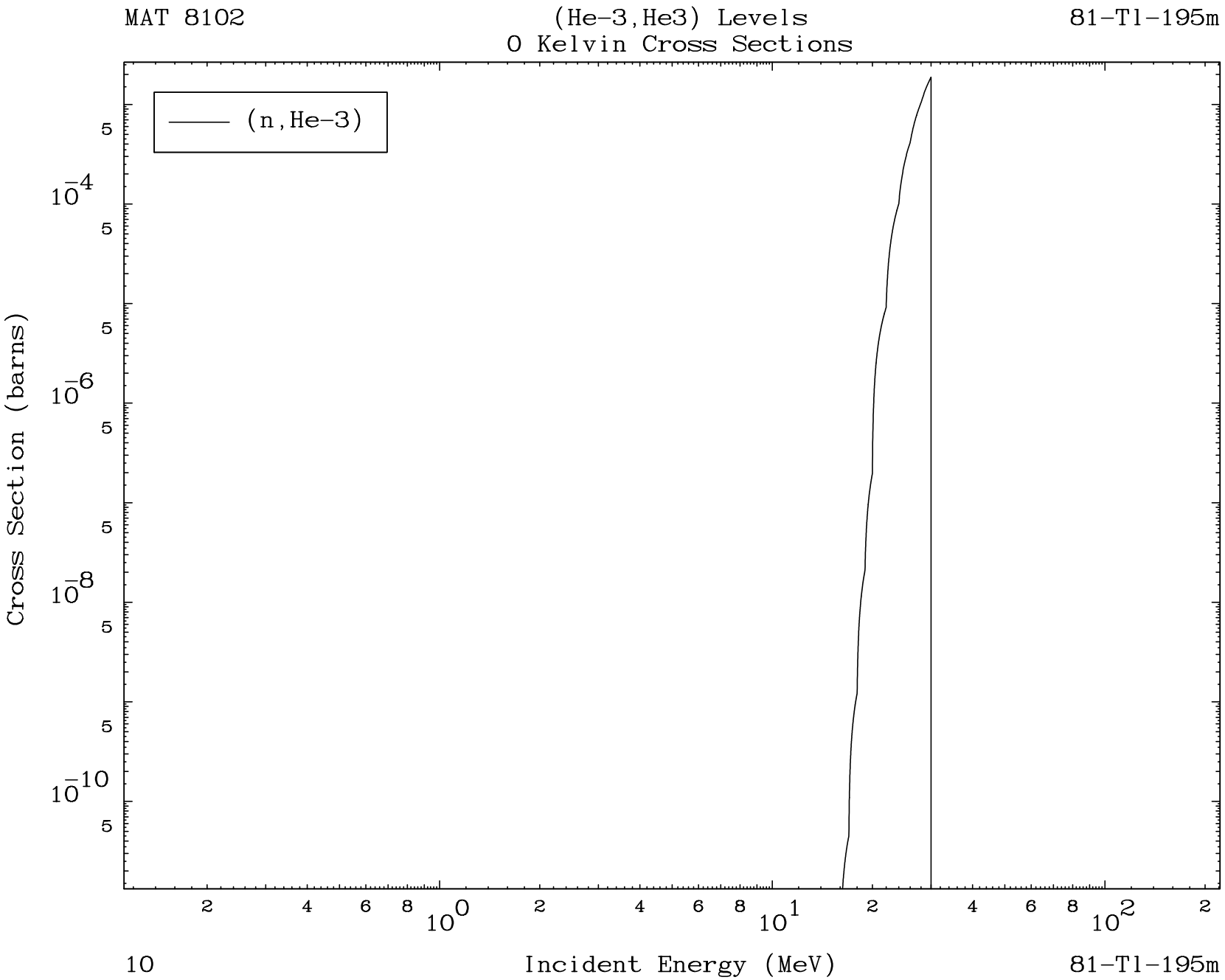

MAT 8102
He-3 Charged Particle
0 Kelvin Cross Sections
81-Tl-195m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m

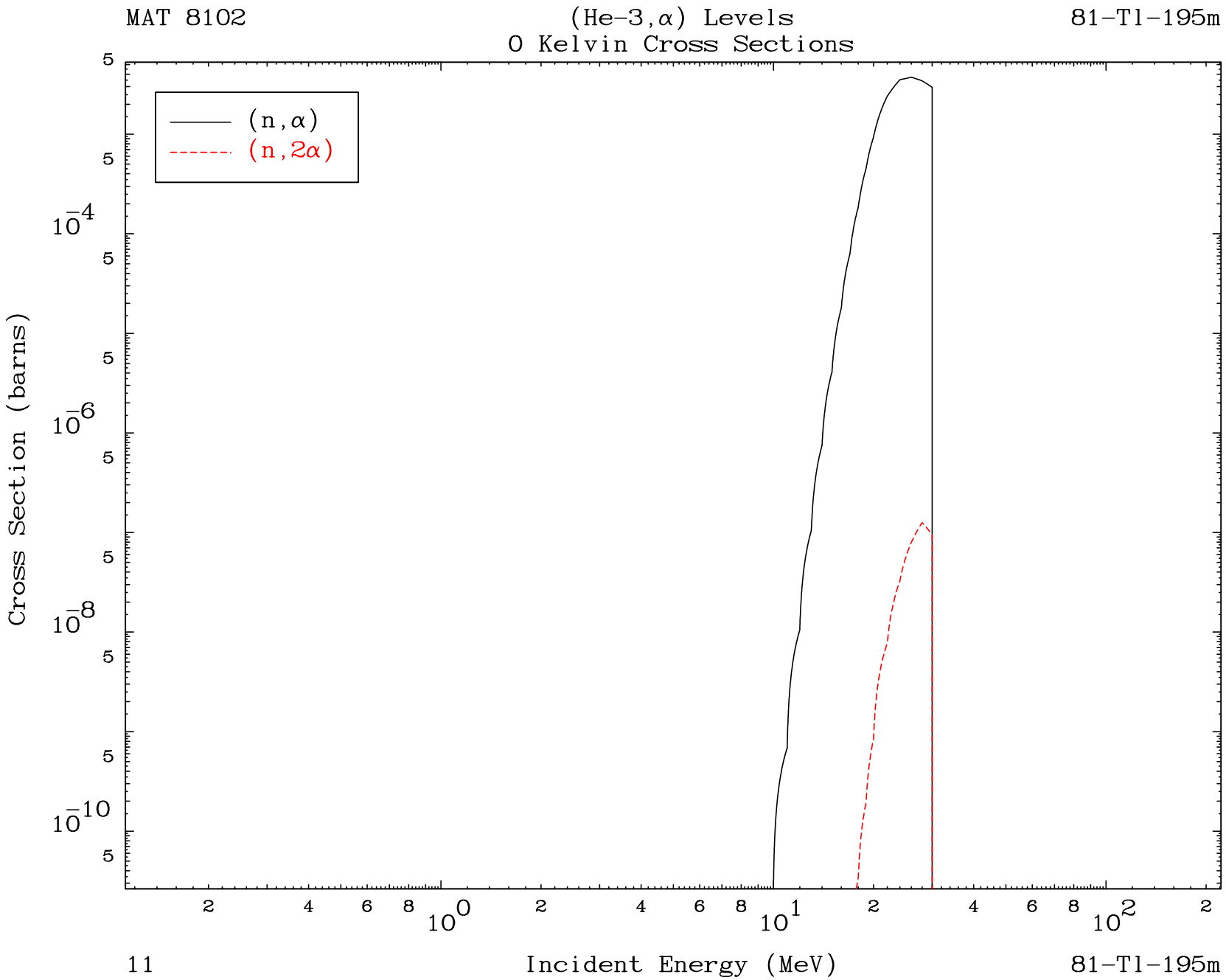

MAT 8102
He-3 Charged Particle
0 Kelvin Cross Sections
81-Tl-195m
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m
6
(n,n') α
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α

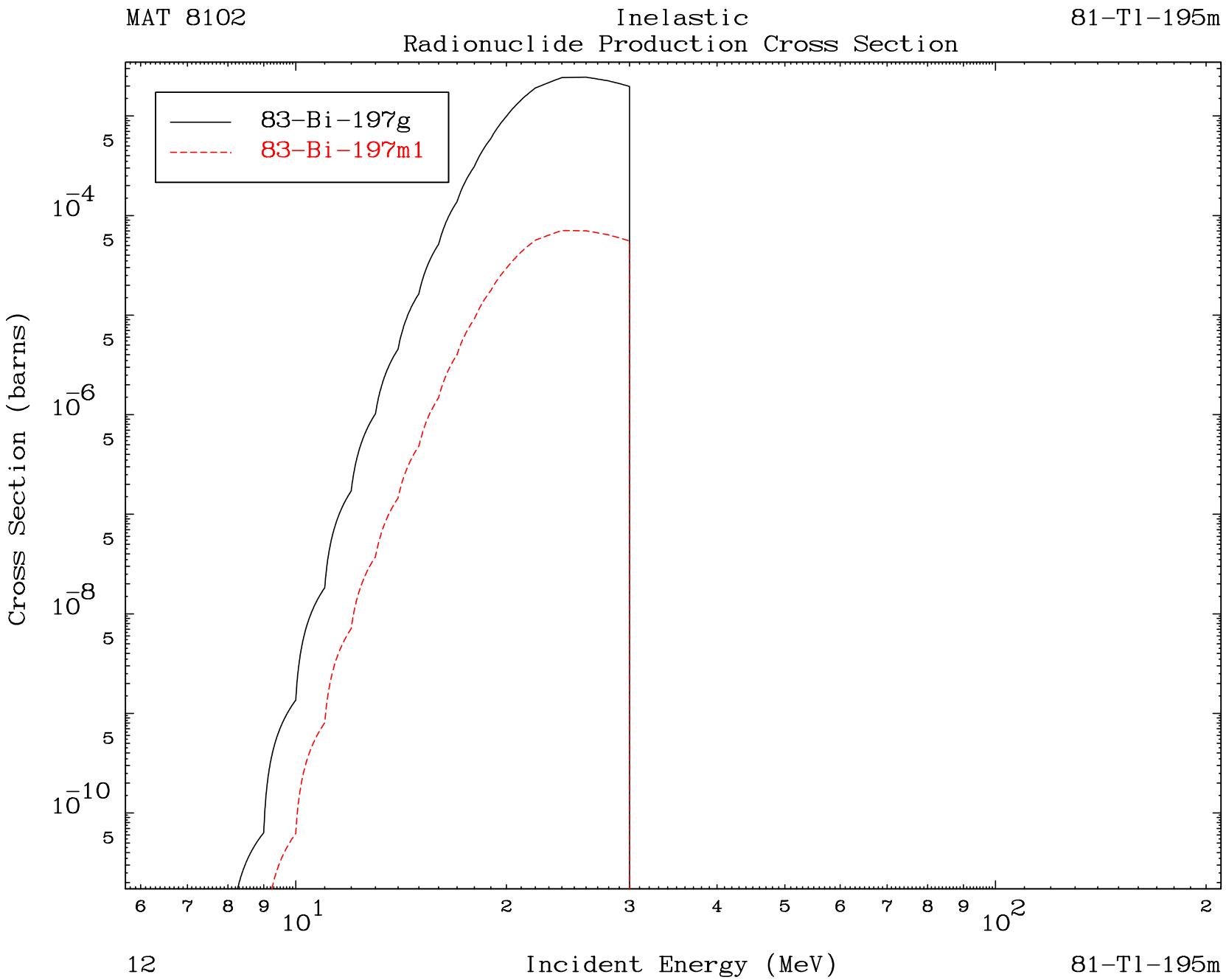

MAT 8102
(He-3,p) Levels
81-Tl-195m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
81-Tl-195m

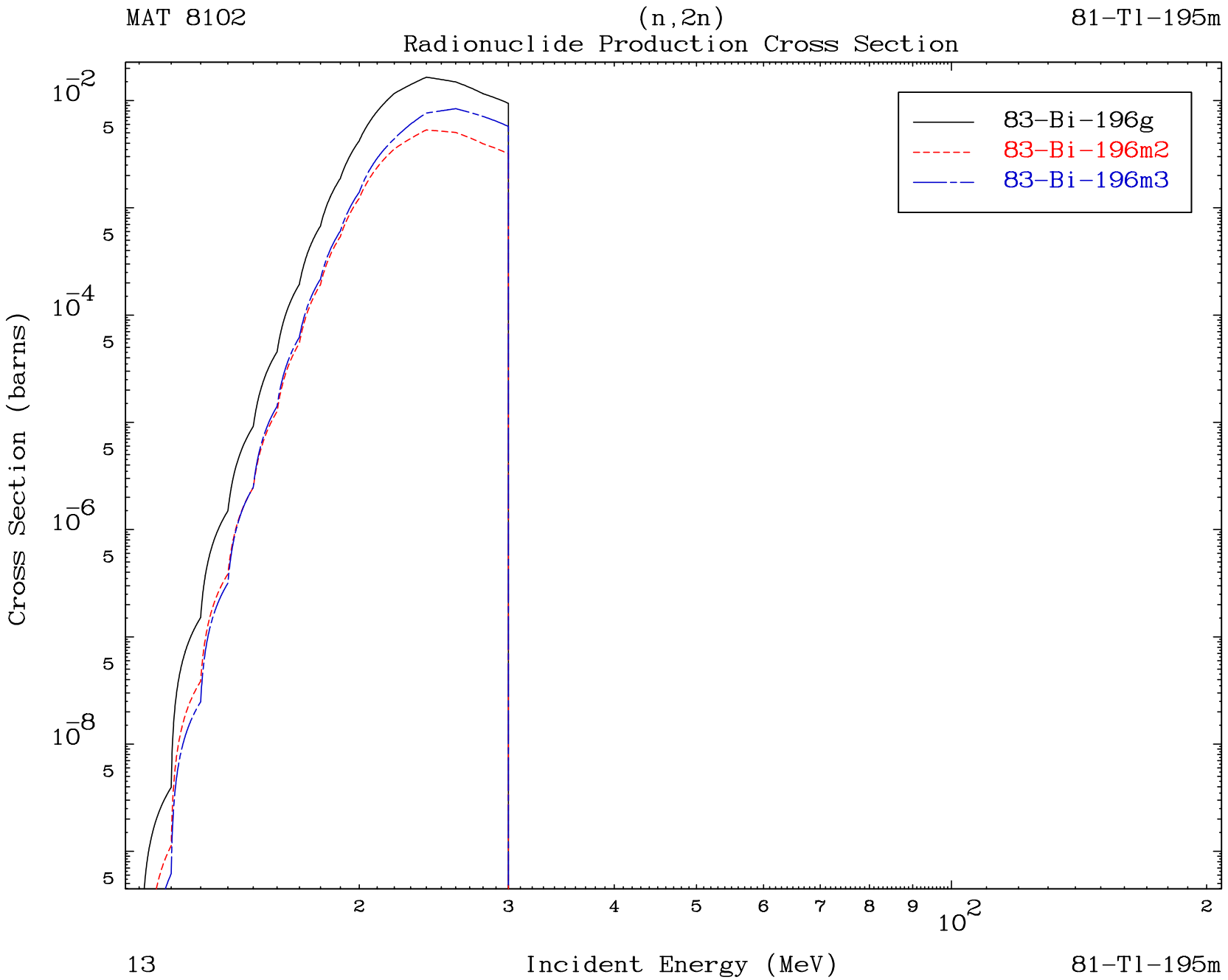

MAT 8102
(He-3,d) Levels
0 Kelvin Cross Sections
81-Tl-195m
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
81-Tl-195m

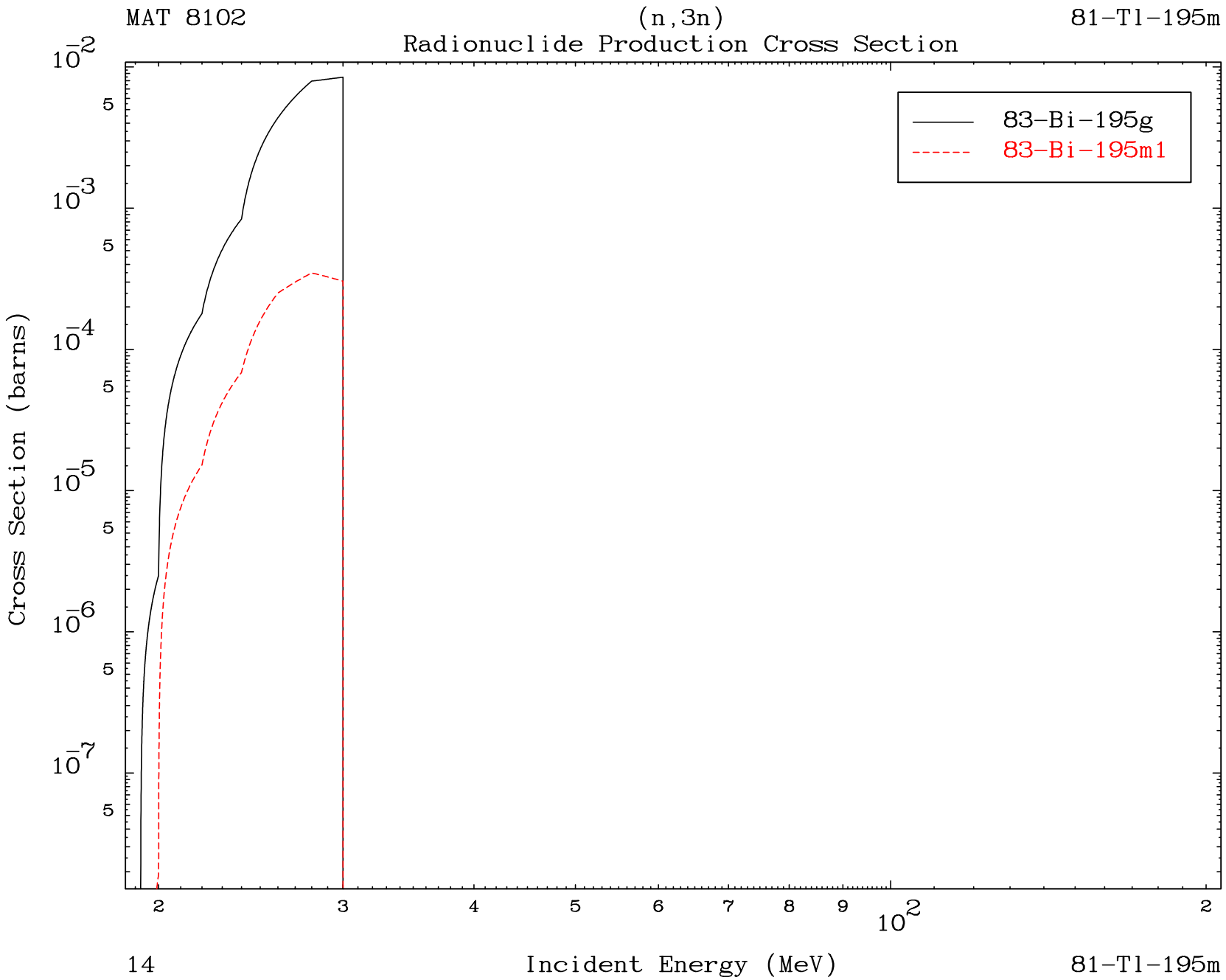

MAT 8102
(He-3,t) Levels
81-Tl-195m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m
9

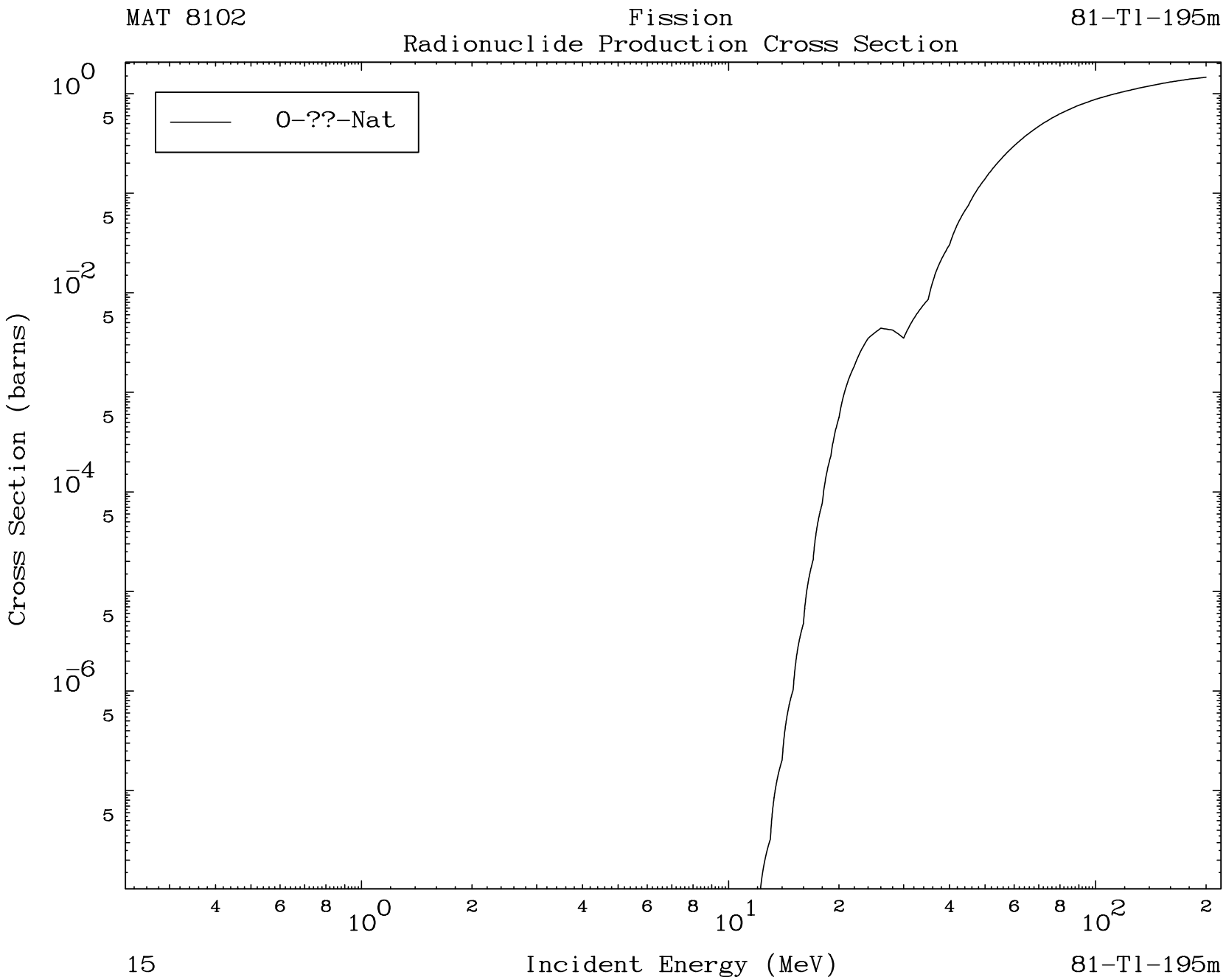

MAT 8102
(He-3,He3) Levels
81-Tl-195m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m

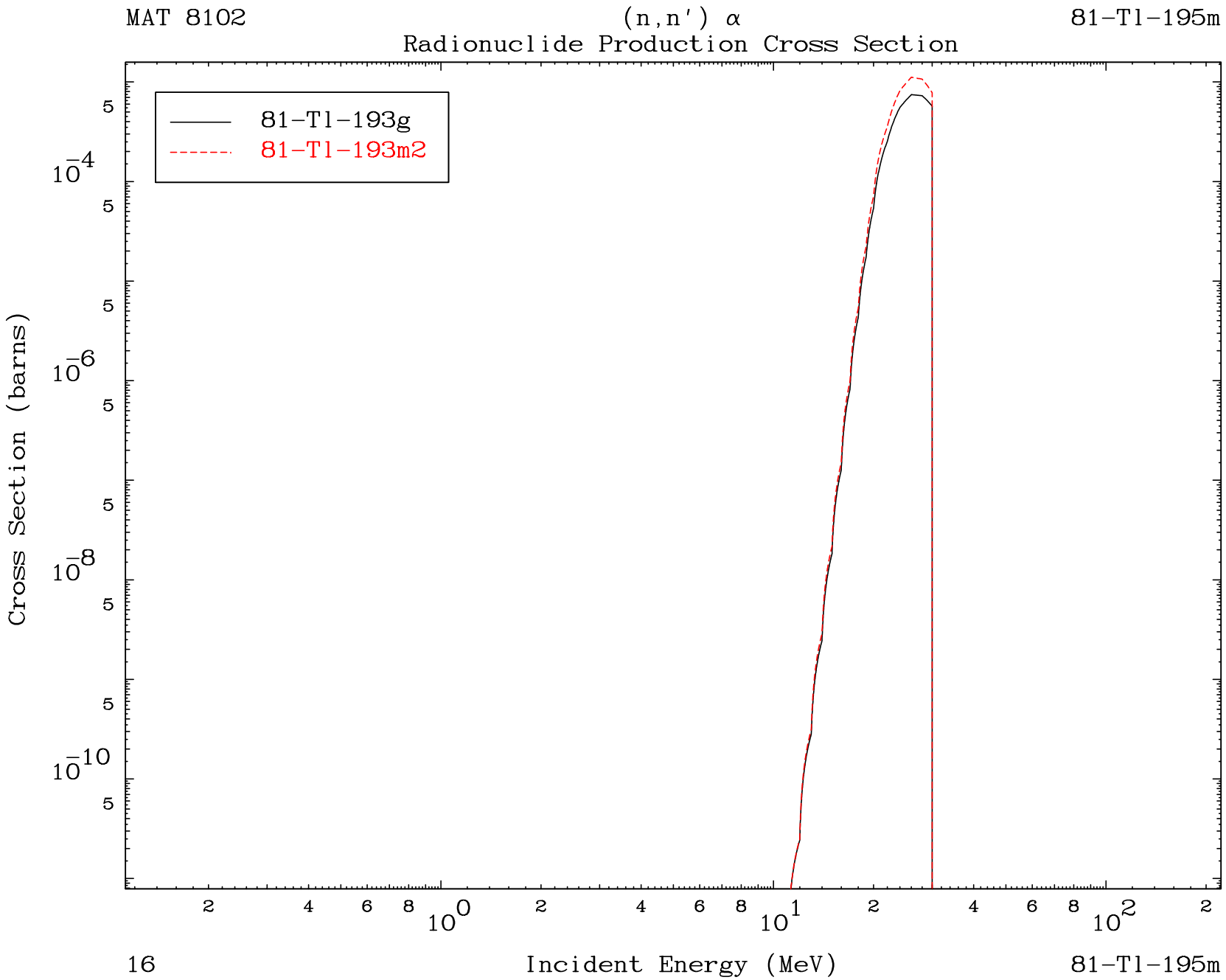

MAT 8102
(He-3,α) Levels
0 Kelvin Cross Sections
81-Tl-195m
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
11
81-Tl-195m

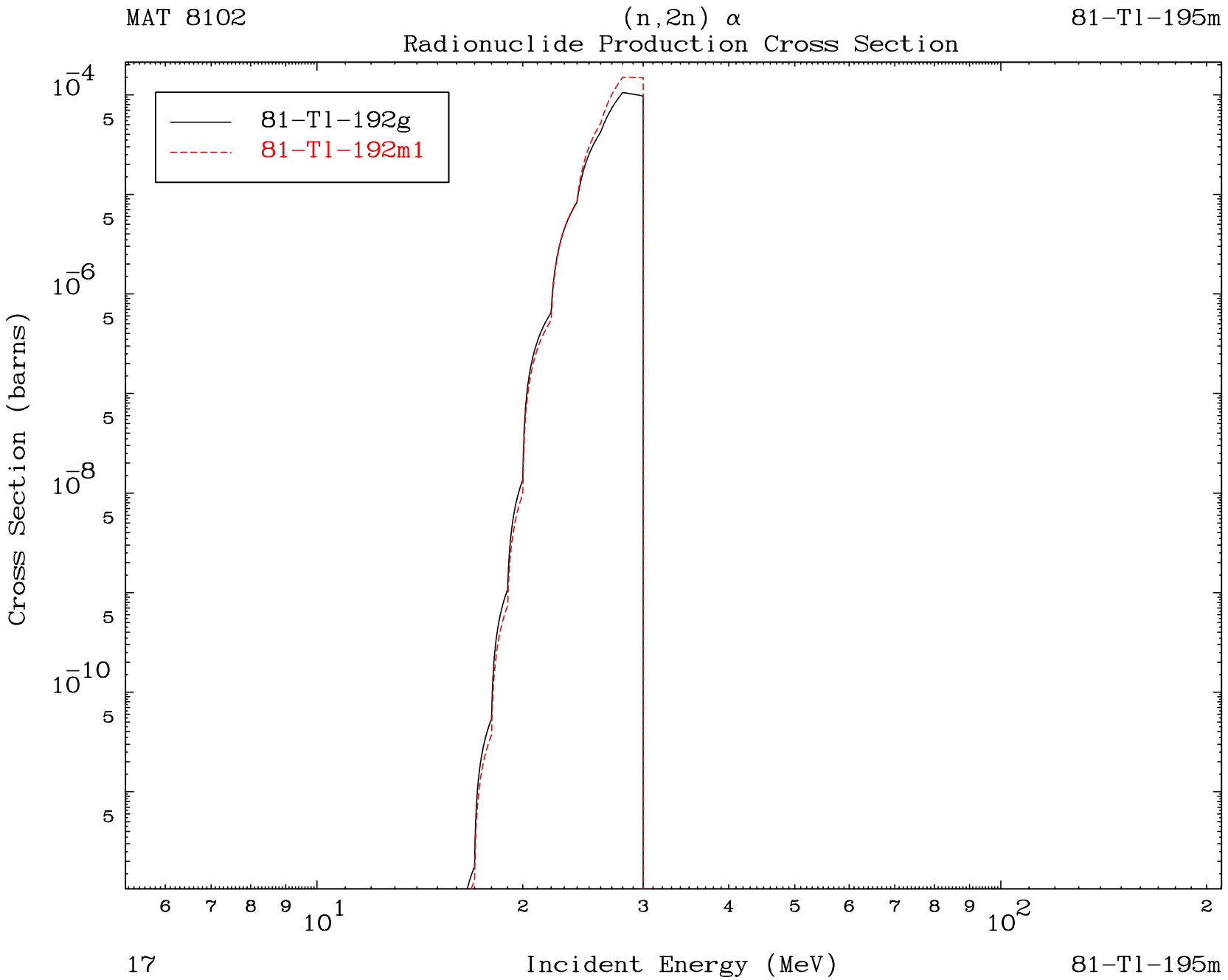

MAT 8102
Inelastic
81-Tl-195m
Radionuclide Production Cross Section
83-Bi-197g
83-Bi-197m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
12
Incident Energy (MeV)
81-Tl-195m

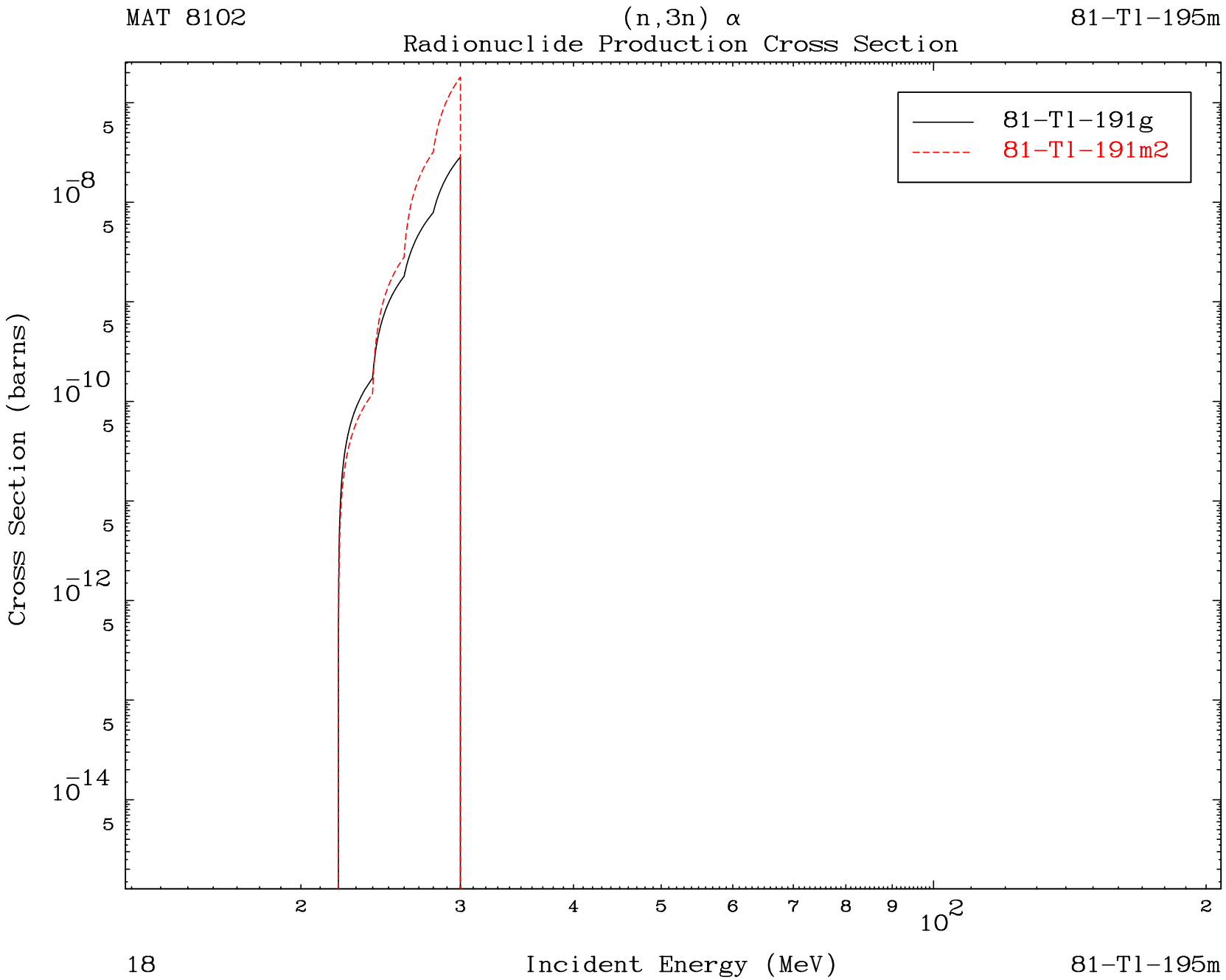

MAT 8102
(n,2n)
81-Tl-195m
Radionuclide Production Cross Section
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
5
2
3
4
5
6
7
8
9
10 2
2
83-Bi-196g
83-Bi-196m2
83-Bi-196m3
13
Incident Energy (MeV)
81-Tl-195m

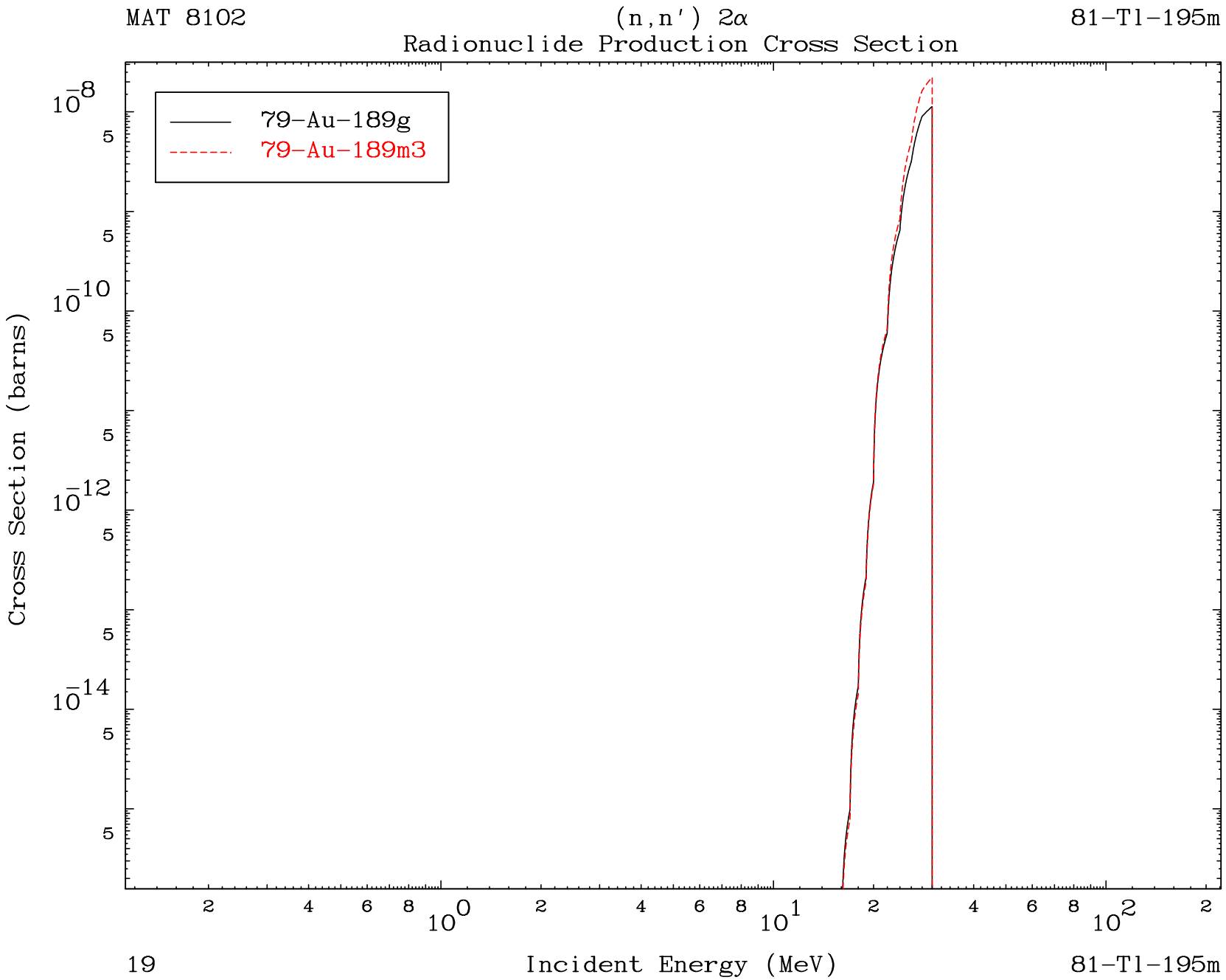

MAT 8102
(n,3n)
81-Tl-195m
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
14
81-Tl-195m

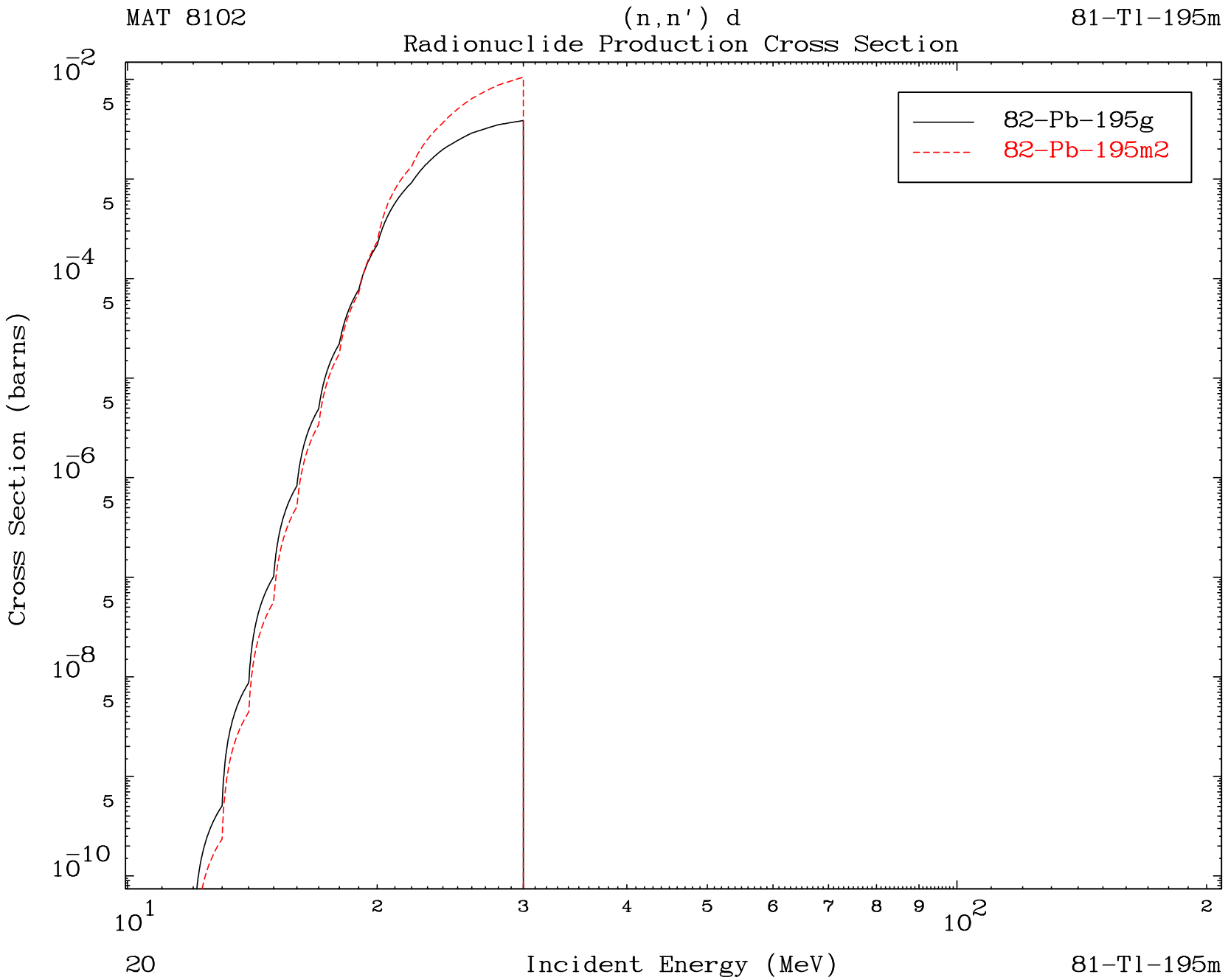

MAT 8102
Fission
81-Tl-195m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
15
81-Tl-195m

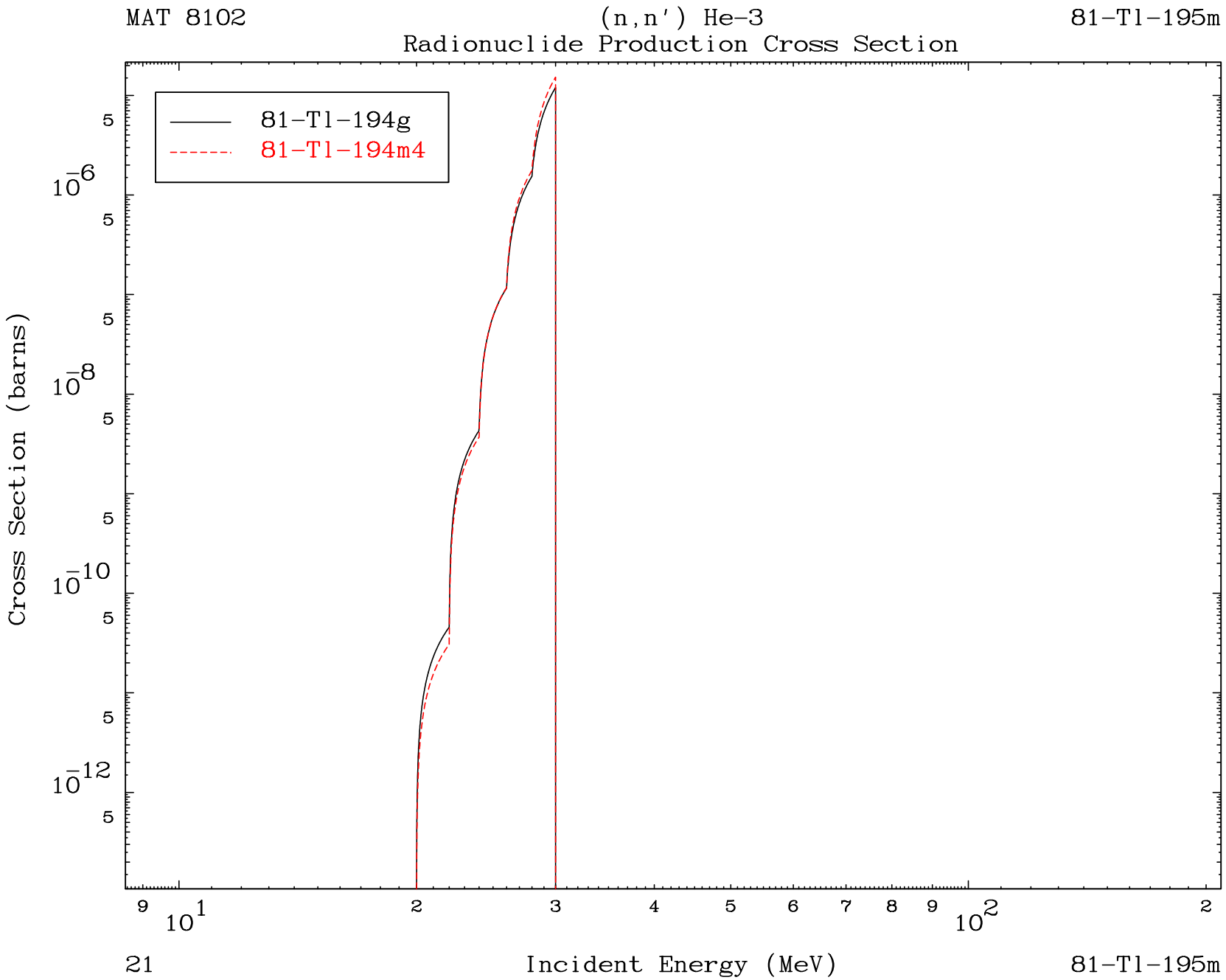

MAT 8102
(n,n') α
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-193g
81-Tl-193m2
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
16
81-Tl-195m

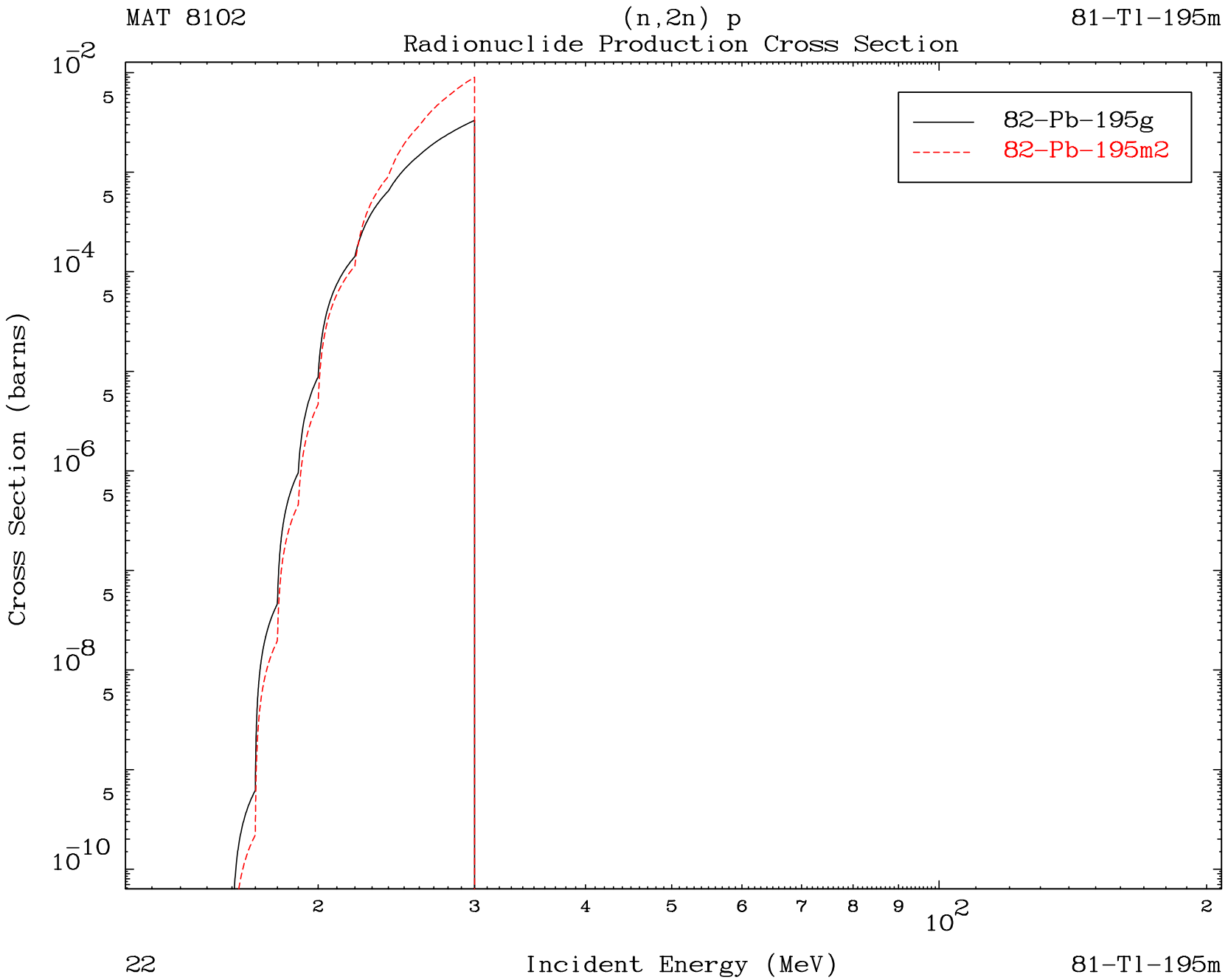

MAT 8102
(n,2n) α
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-192g
81-Tl-192m1
Cross Section (barns)
Incident Energy (MeV)
17
81-Tl-195m

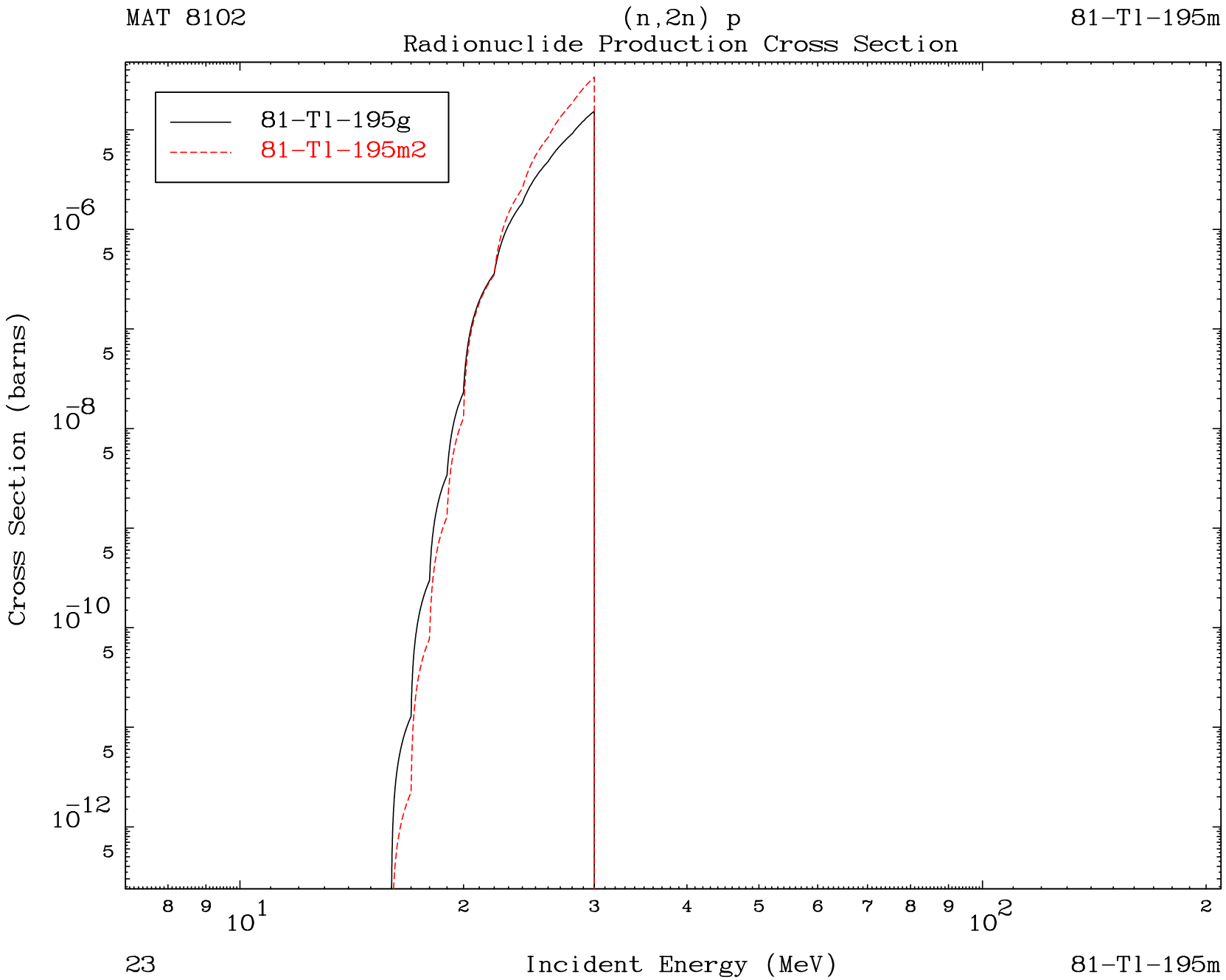

MAT 8102
(n,3n) α
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-191g
81-Tl-191m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10 2
2
18
Incident Energy (MeV)
81-Tl-195m


MAT 8102
(n,n') 2α
81-Tl-195m
Radionuclide Production Cross Section
79-Au-189g
79-Au-189m3
Cross Section (barns)
Incident Energy (MeV)
19
81-Tl-195m


MAT 8102
(n,n') d
81-Tl-195m
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
81-Tl-195m
20


MAT 8102
(n,n') He-3
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m4
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
81-Tl-195m


MAT 8102
(n,2n) p
81-Tl-195m
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
22
81-Tl-195m


MAT 8102
(n,2n) p
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
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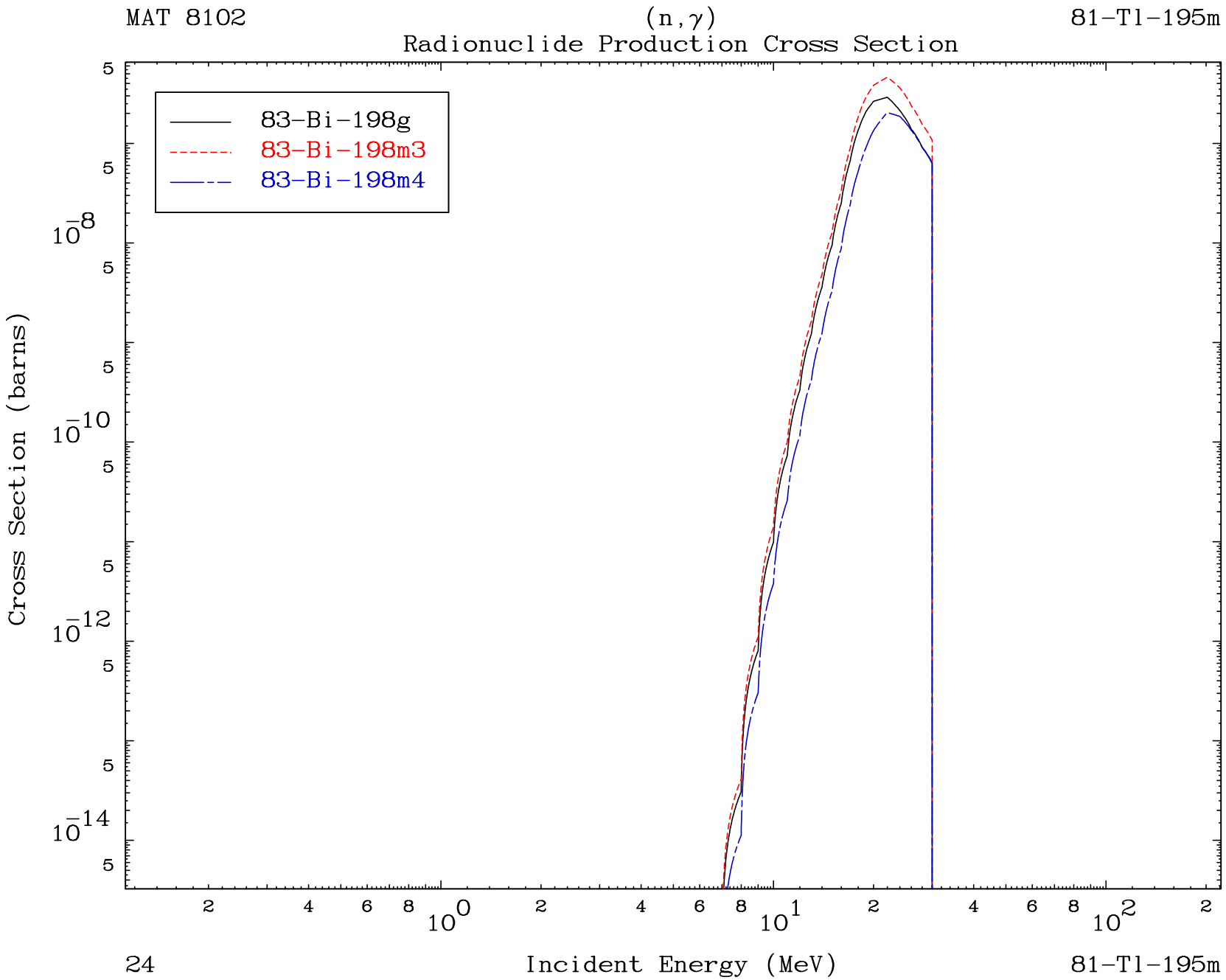
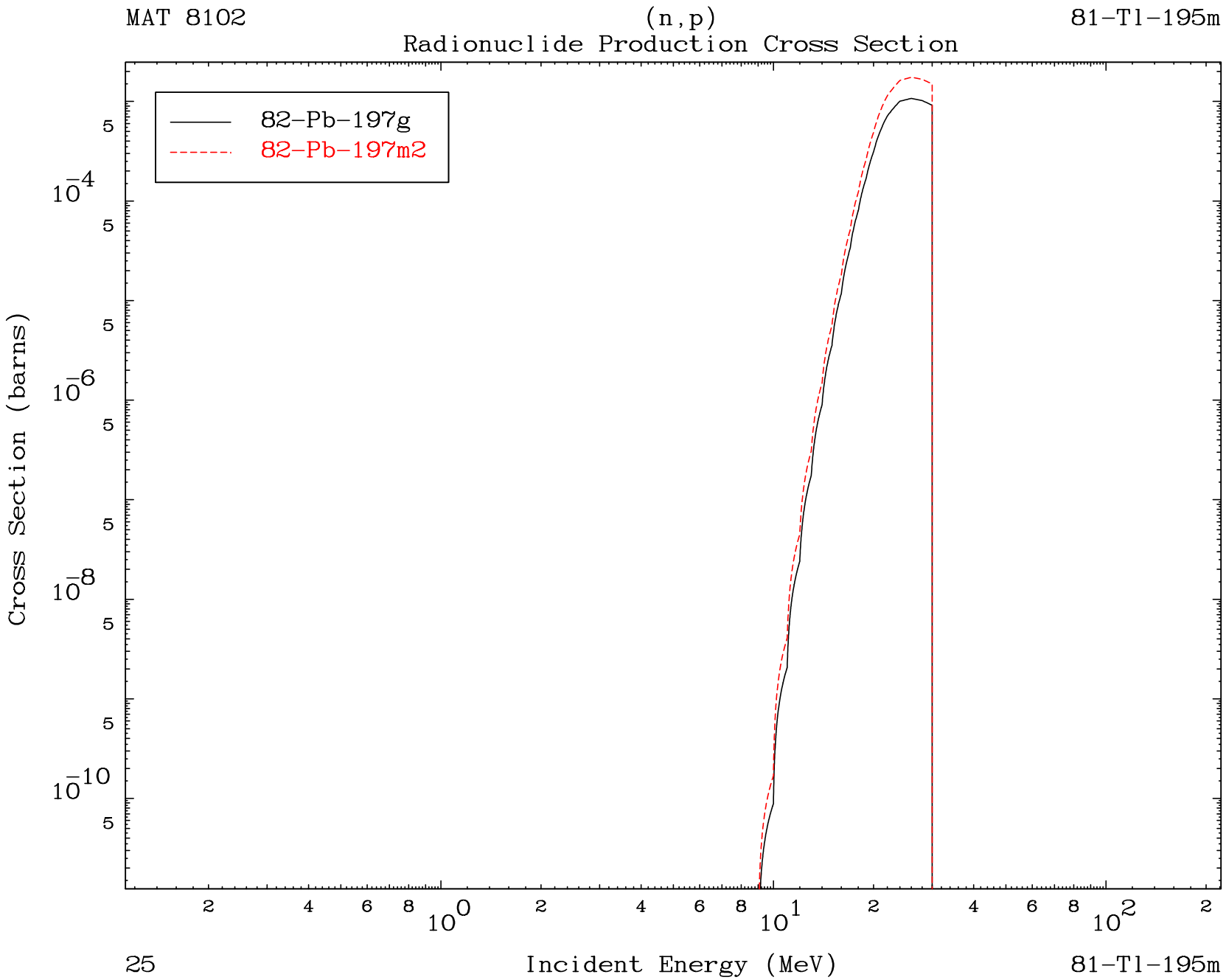
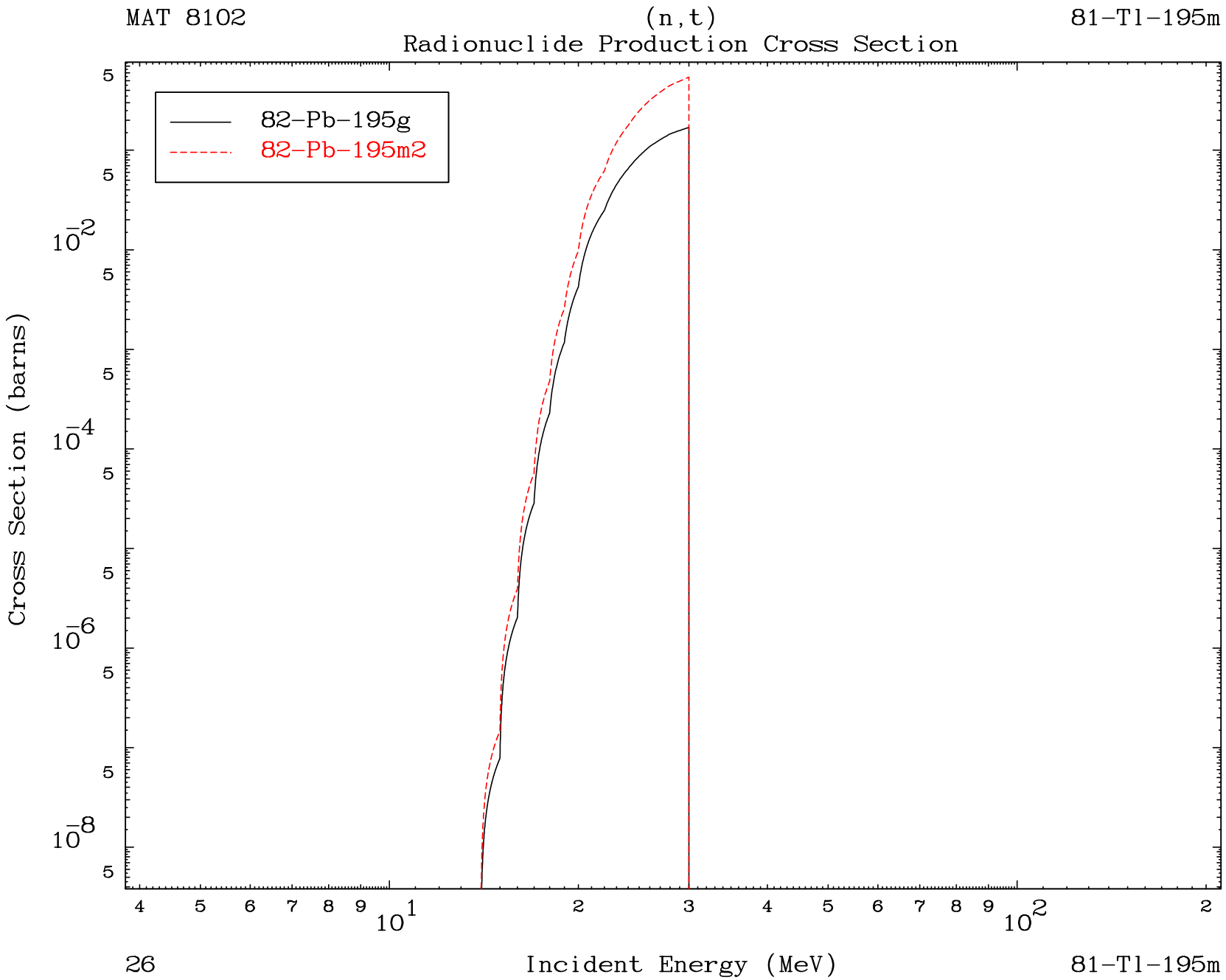
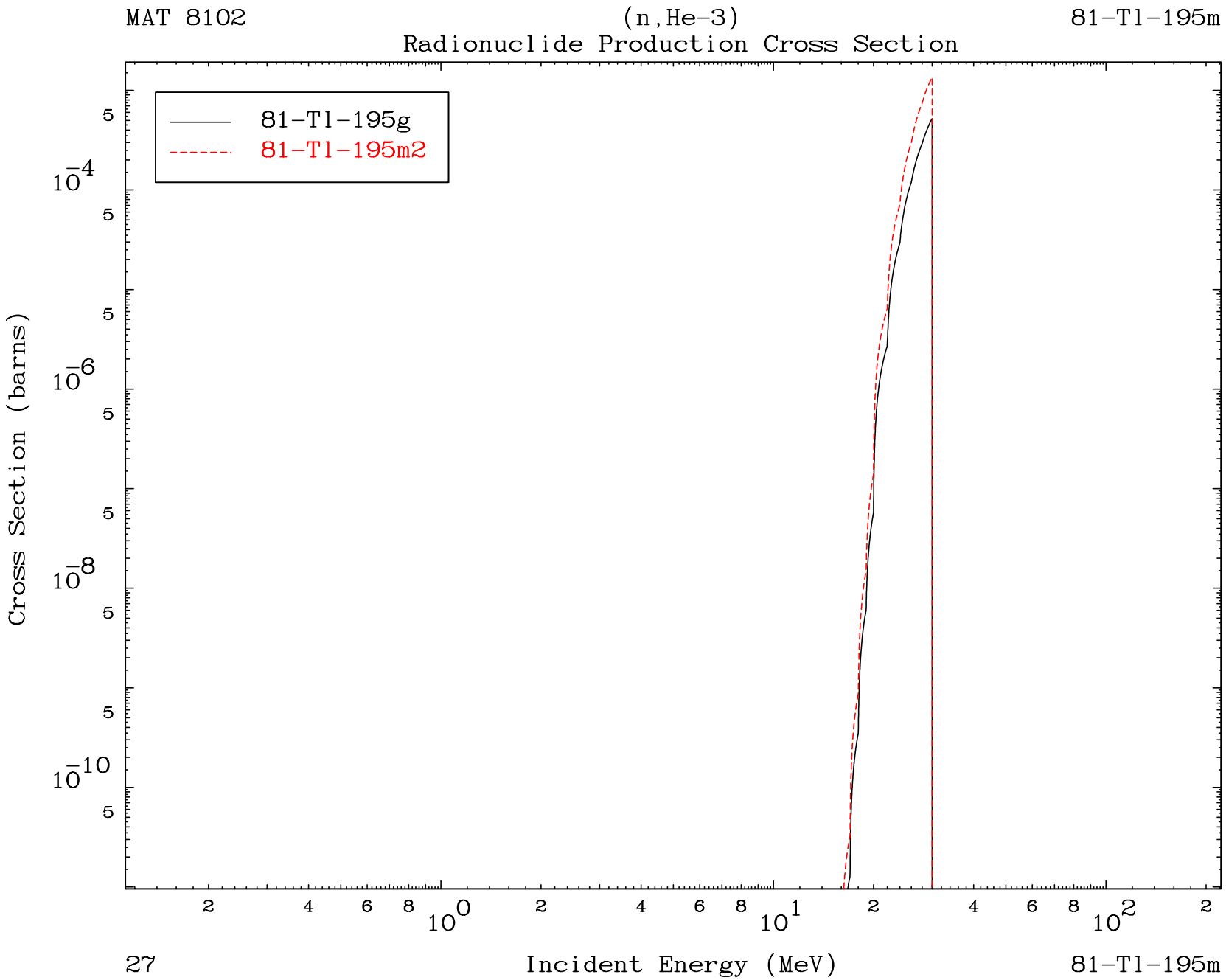
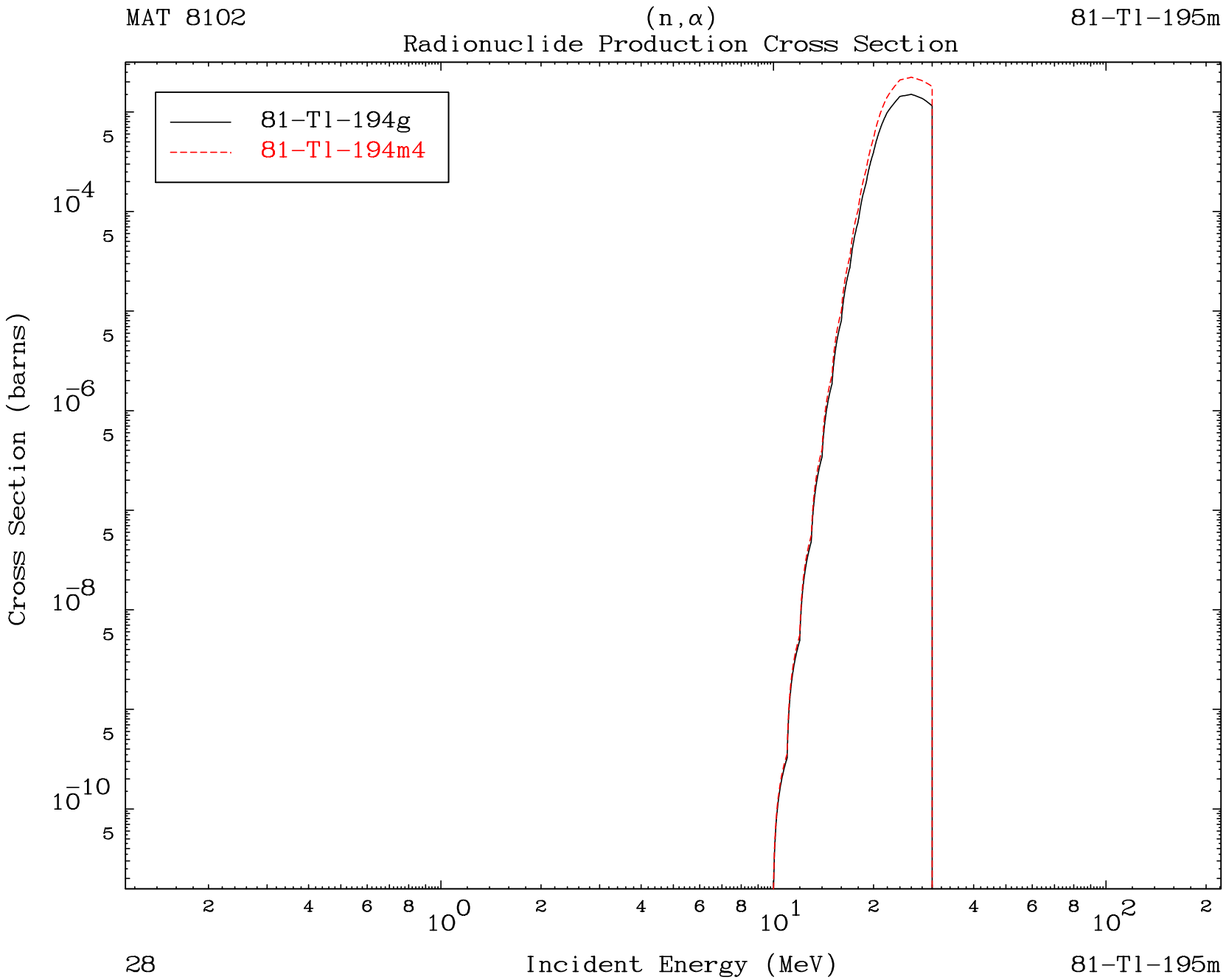
23
Incident Energy (MeV)
81-Tl-195m

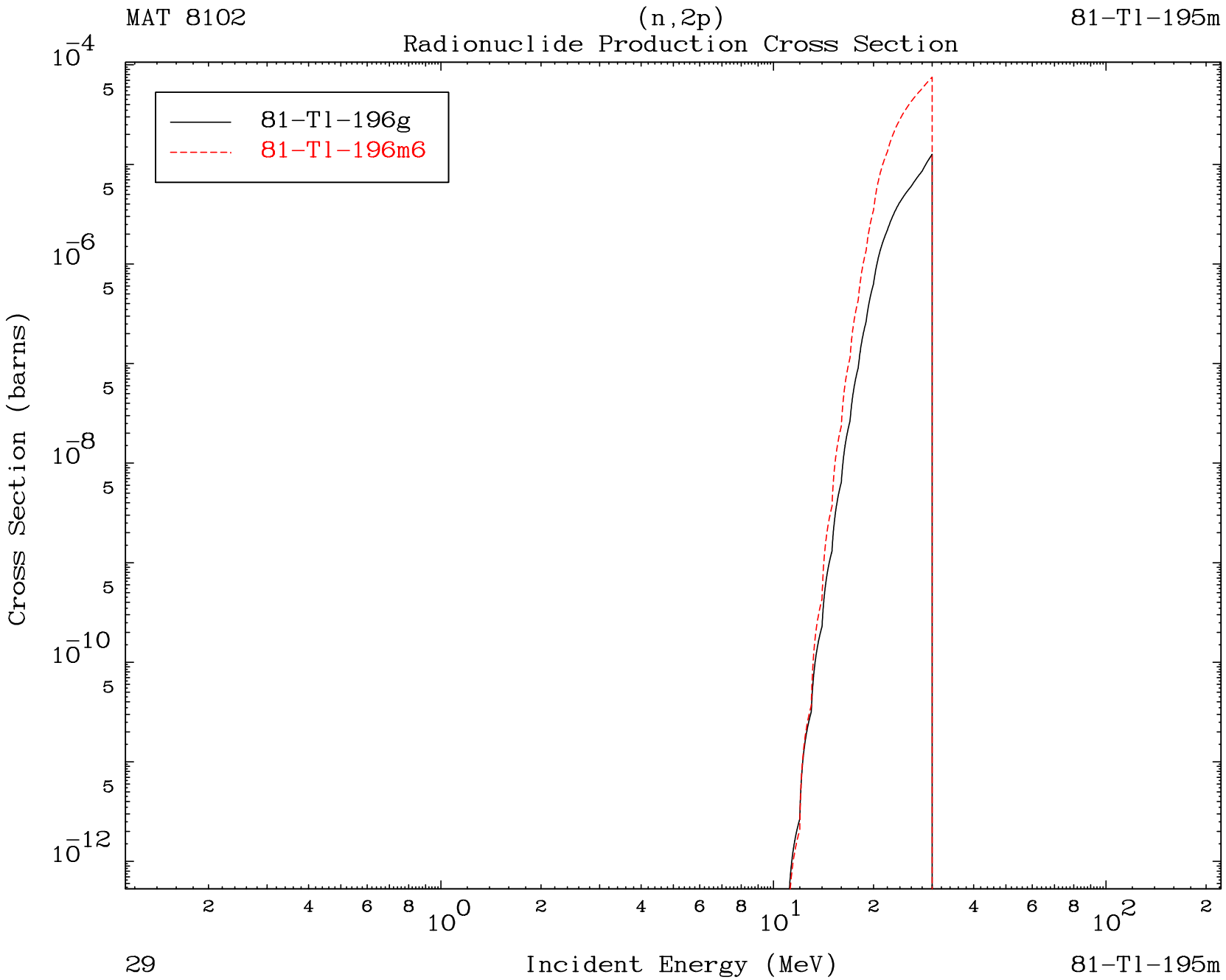

MAT 8102
(n,γ)
81-Tl-195m
Radionuclide Production Cross Section
83-Bi-198g
83-Bi-198m3
83-Bi-198m4
Cross Section (barns)
Incident Energy (MeV)
24
81-Tl-195m

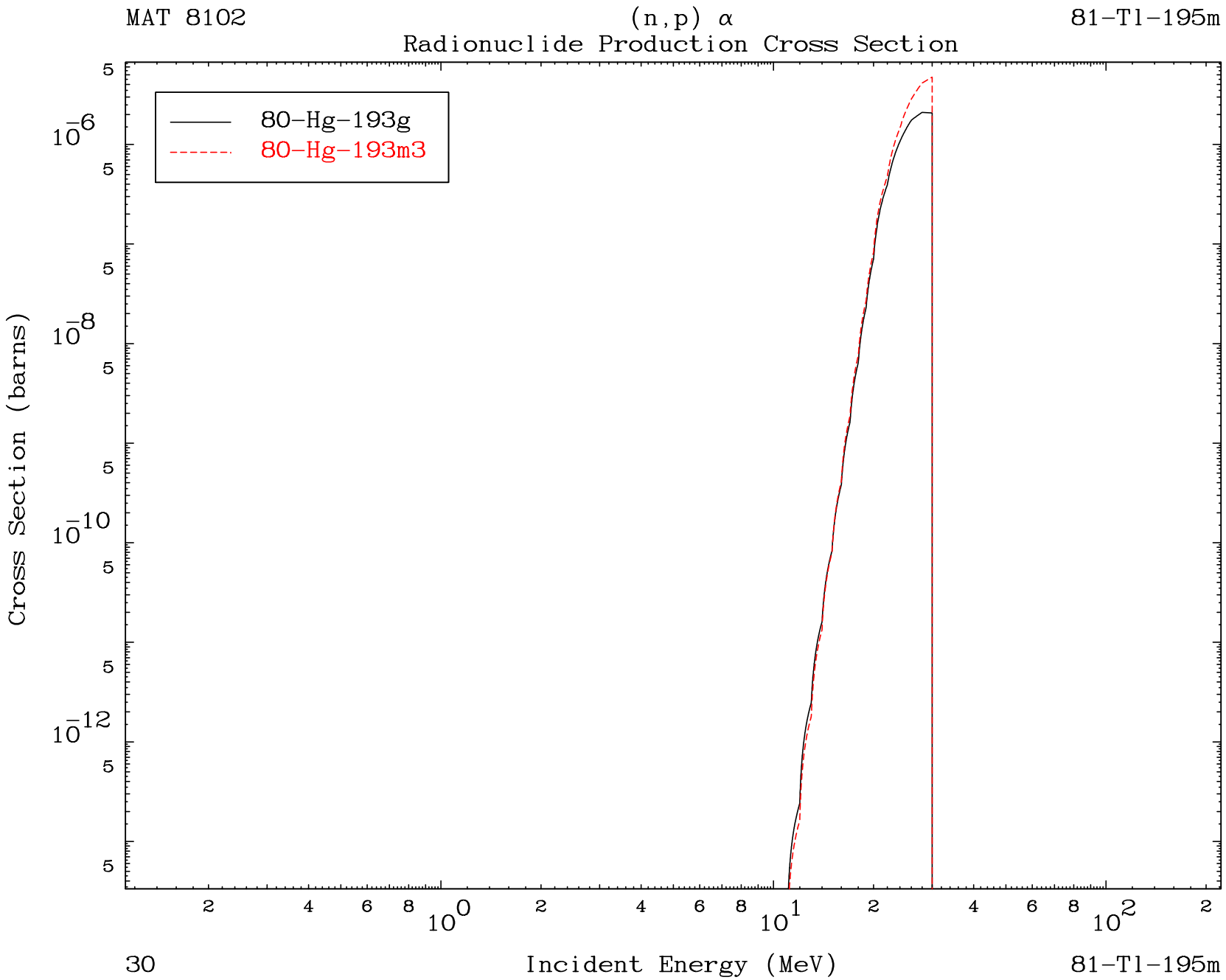

MAT 8102
(n,p)
81-Tl-195m
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
25
81-Tl-195m

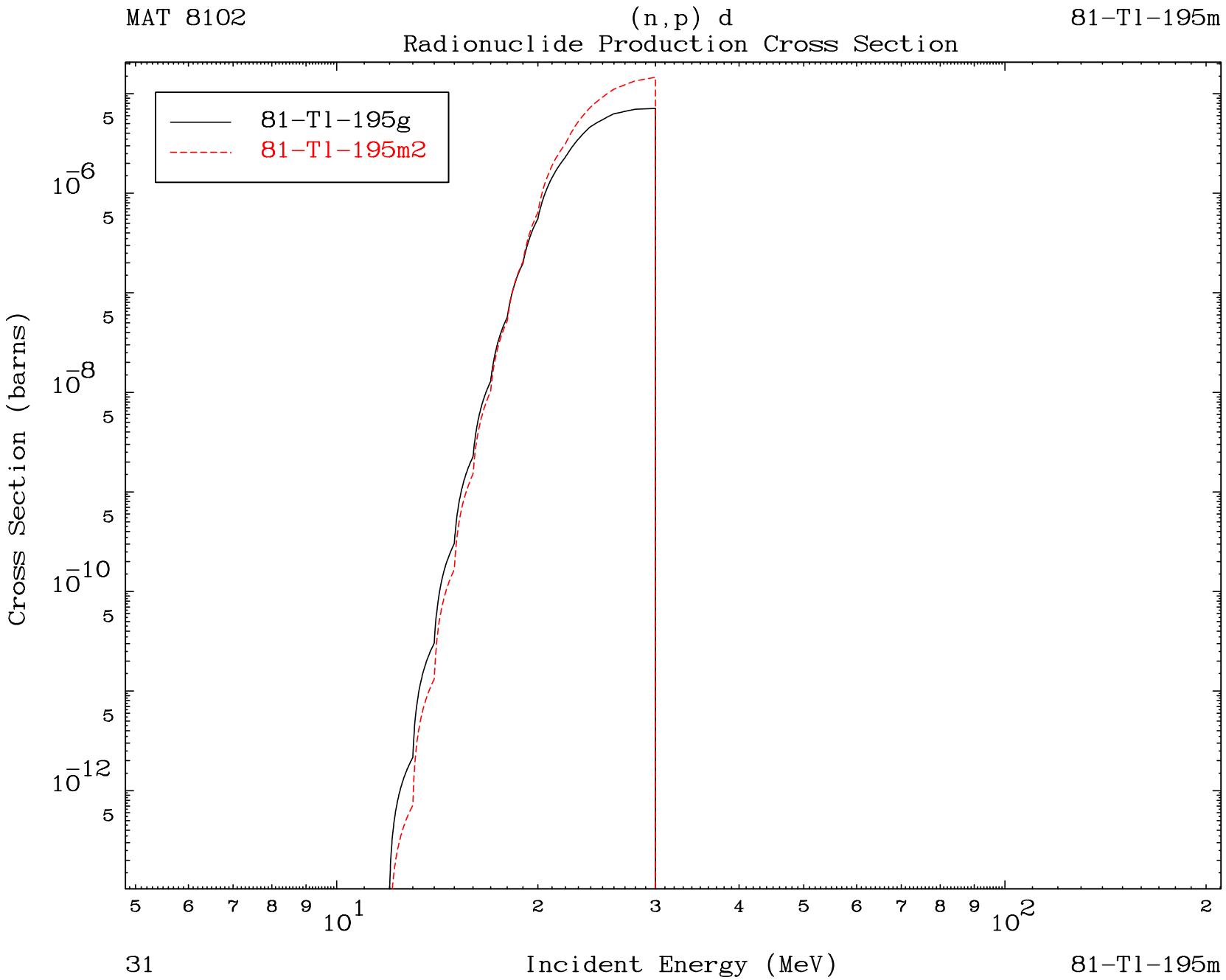

MAT 8102
(n,t)
81-Tl-195m
Radionuclide Production Cross Section
82-Pb-195g
82-Pb-195m2
Cross Section (barns)
Incident Energy (MeV)
26
81-Tl-195m

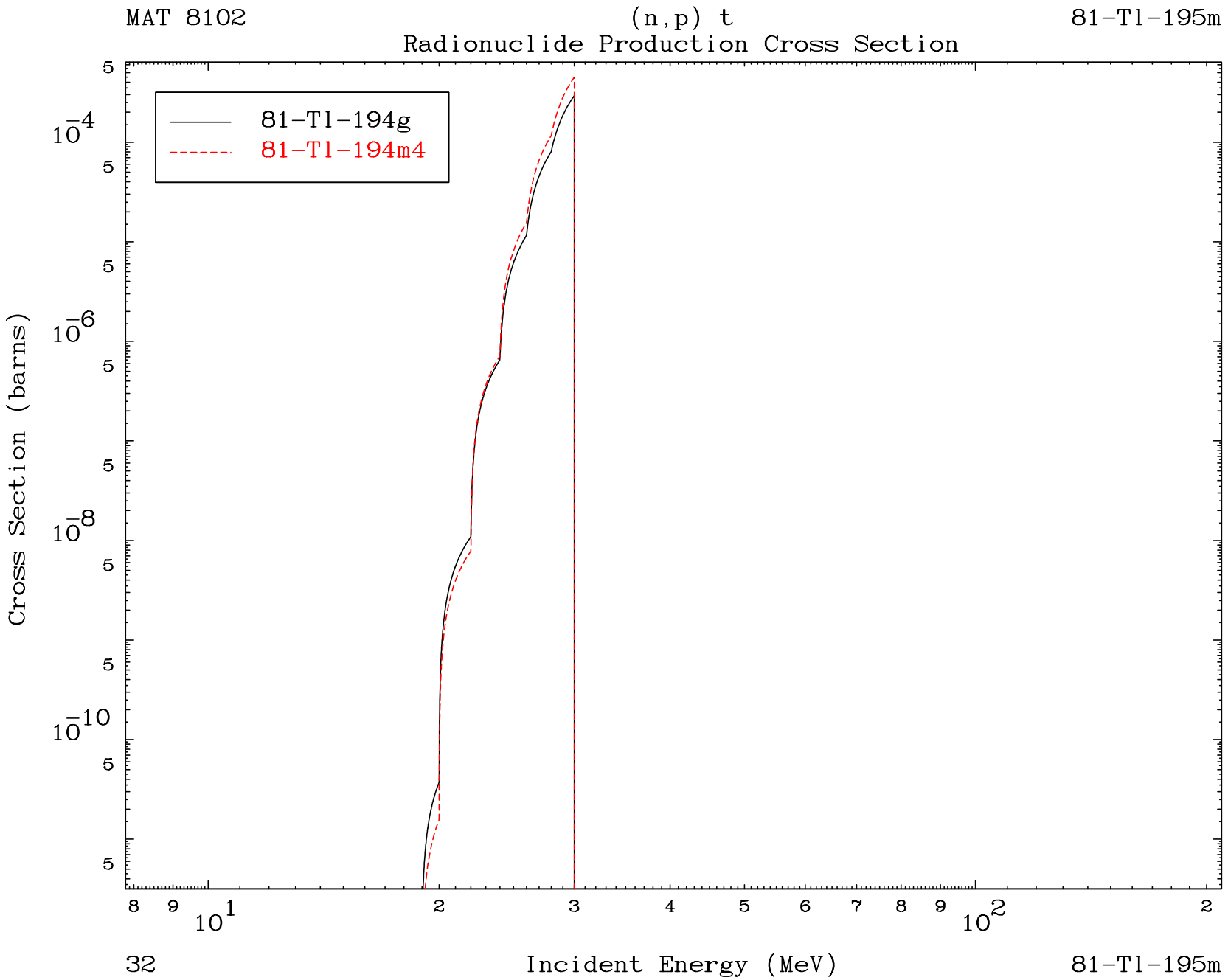

MAT 8102
(n,He-3)
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
27
81-Tl-195m


MAT 8102
(n,α)
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m4
Cross Section (barns)
10-4
10-6
10-8
10-10
10^0
10^1
10^2
Incident Energy (MeV)
28
81-Tl-195m


MAT 8102
(n,2p)
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-196g
81-Tl-196m6
Cross Section (barns)
Incident Energy (MeV)
29
81-Tl-195m


MAT 8102
(n,p) α
81-Tl-195m
Radionuclide Production Cross Section
80-Hg-193g
80-Hg-193m3
Cross Section (barns)
Incident Energy (MeV)
30
81-Tl-195m


MAT 8102
(n,p) d
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-195g
81-Tl-195m2
Cross Section (barns)
Incident Energy (MeV)
31
81-Tl-195m


MAT 8102
(n,p) t
81-Tl-195m
Radionuclide Production Cross Section
81-Tl-194g
81-Tl-194m4
Cross Section (barns)
Incident Energy (MeV)
32
81-Tl-195m