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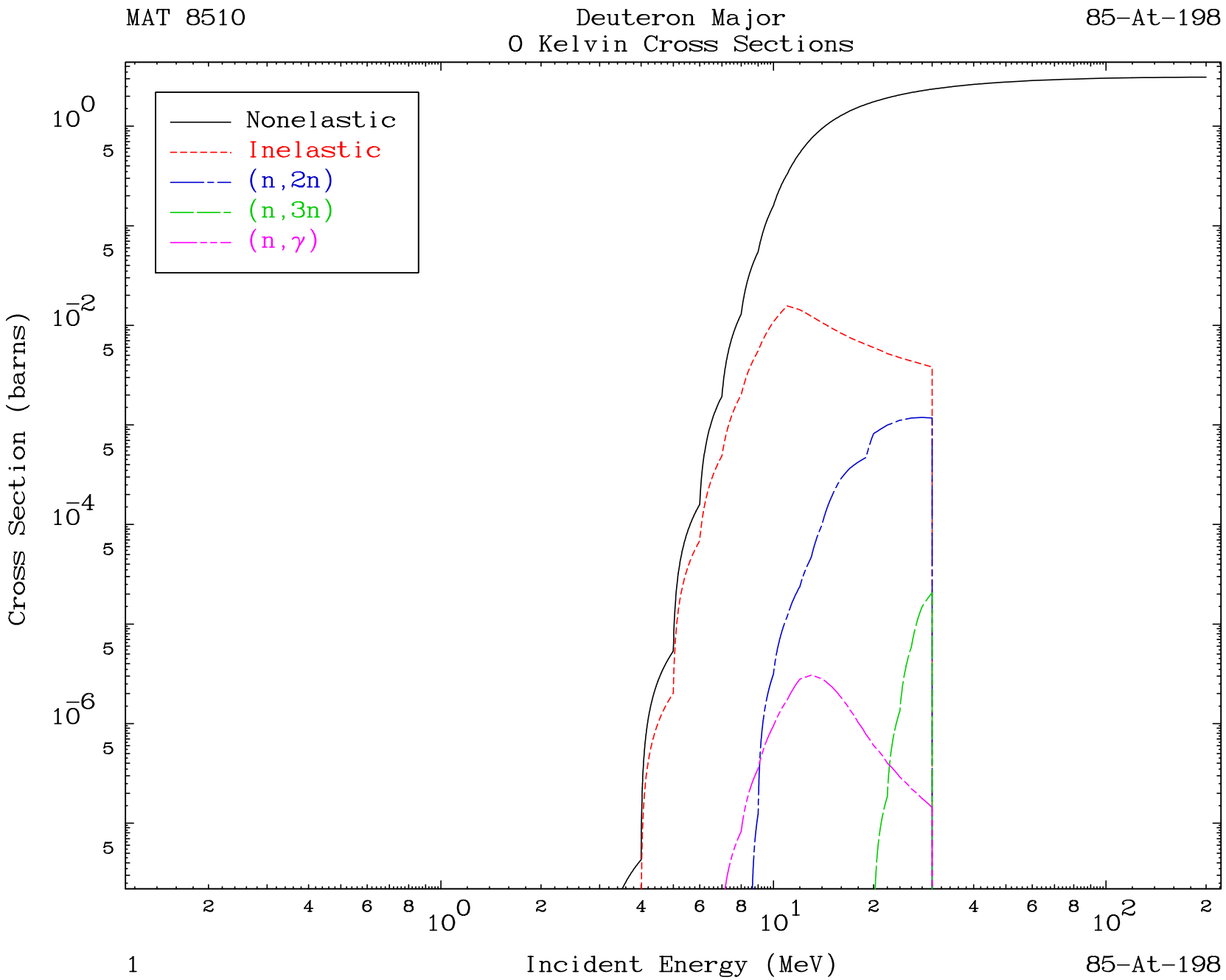
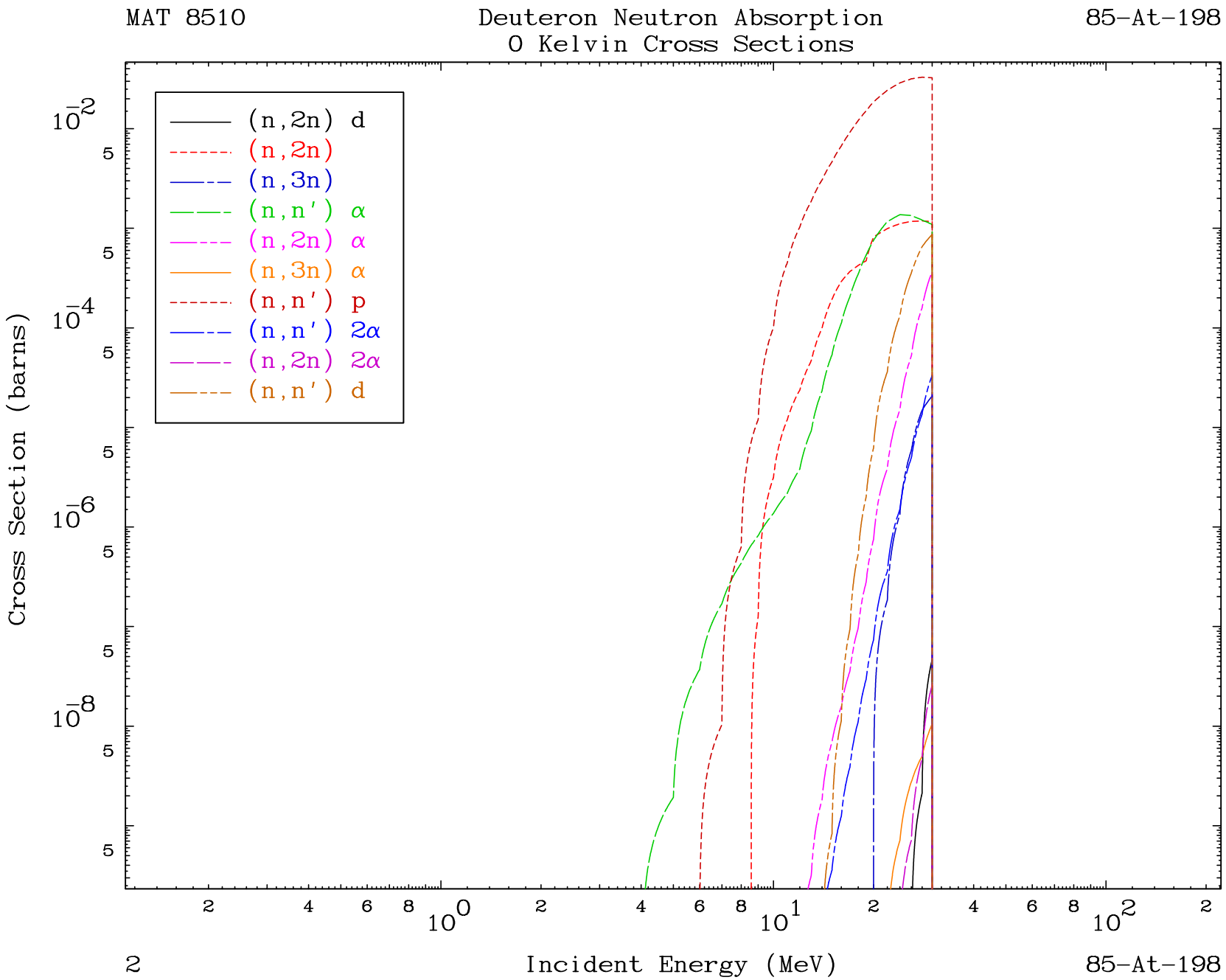
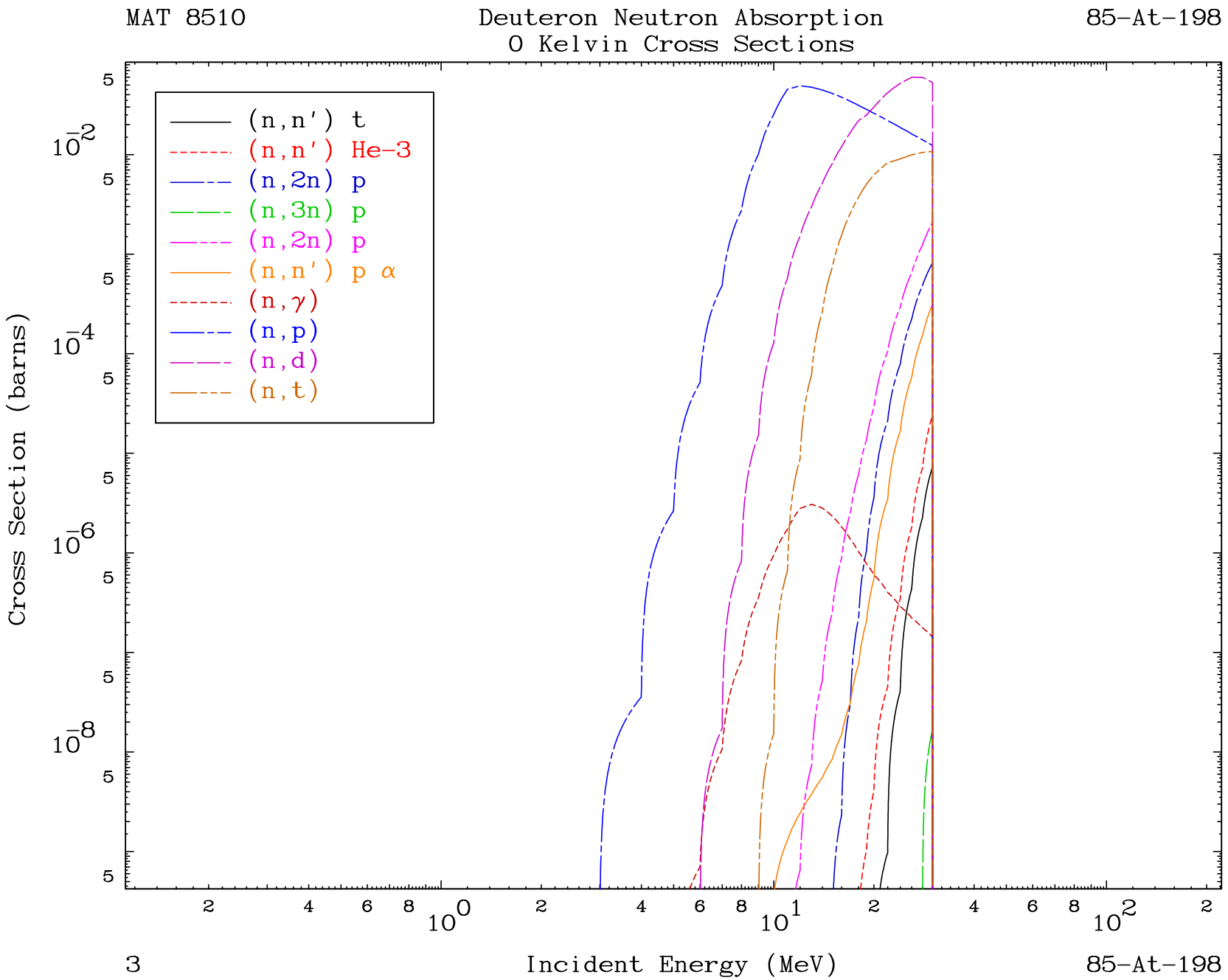
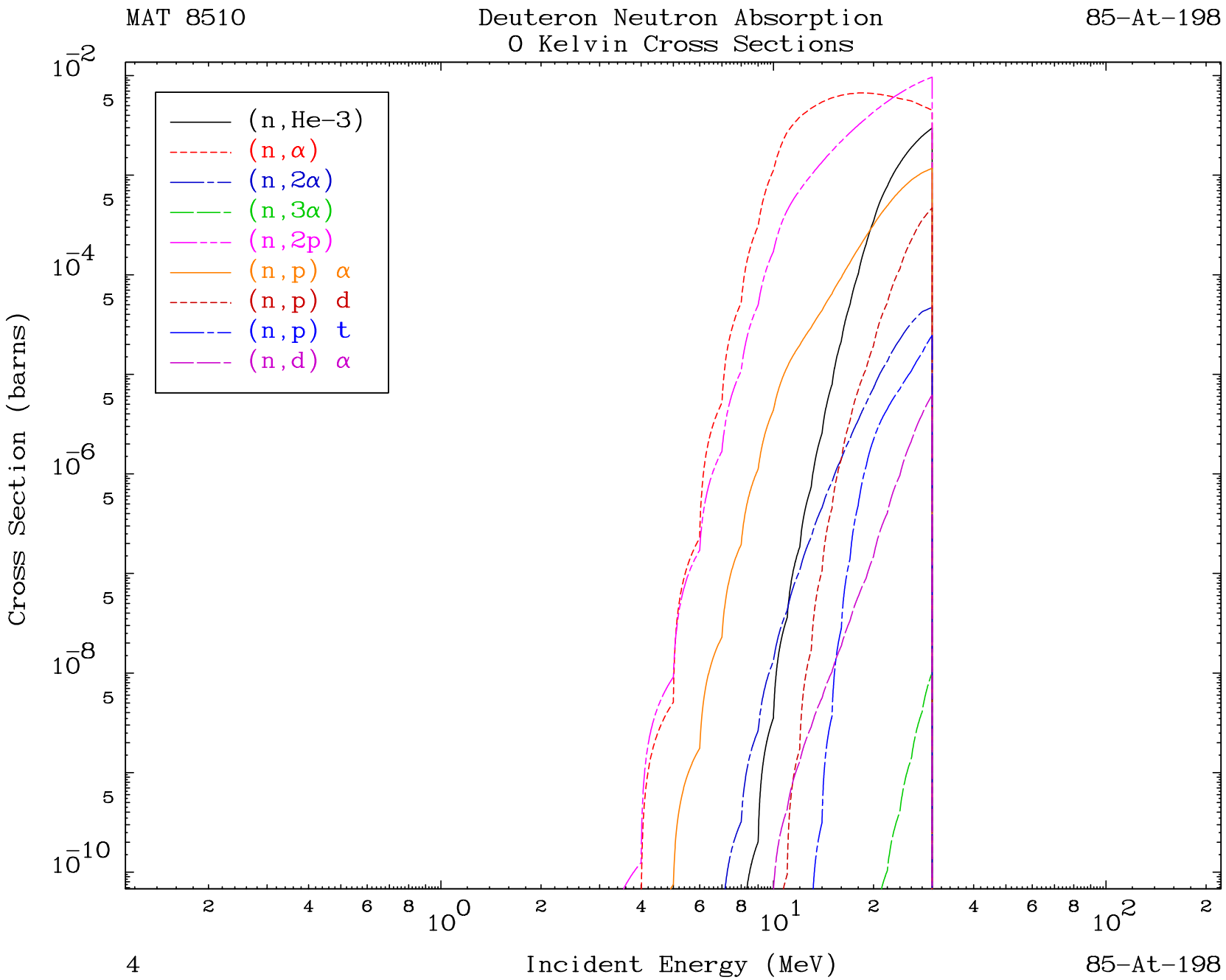
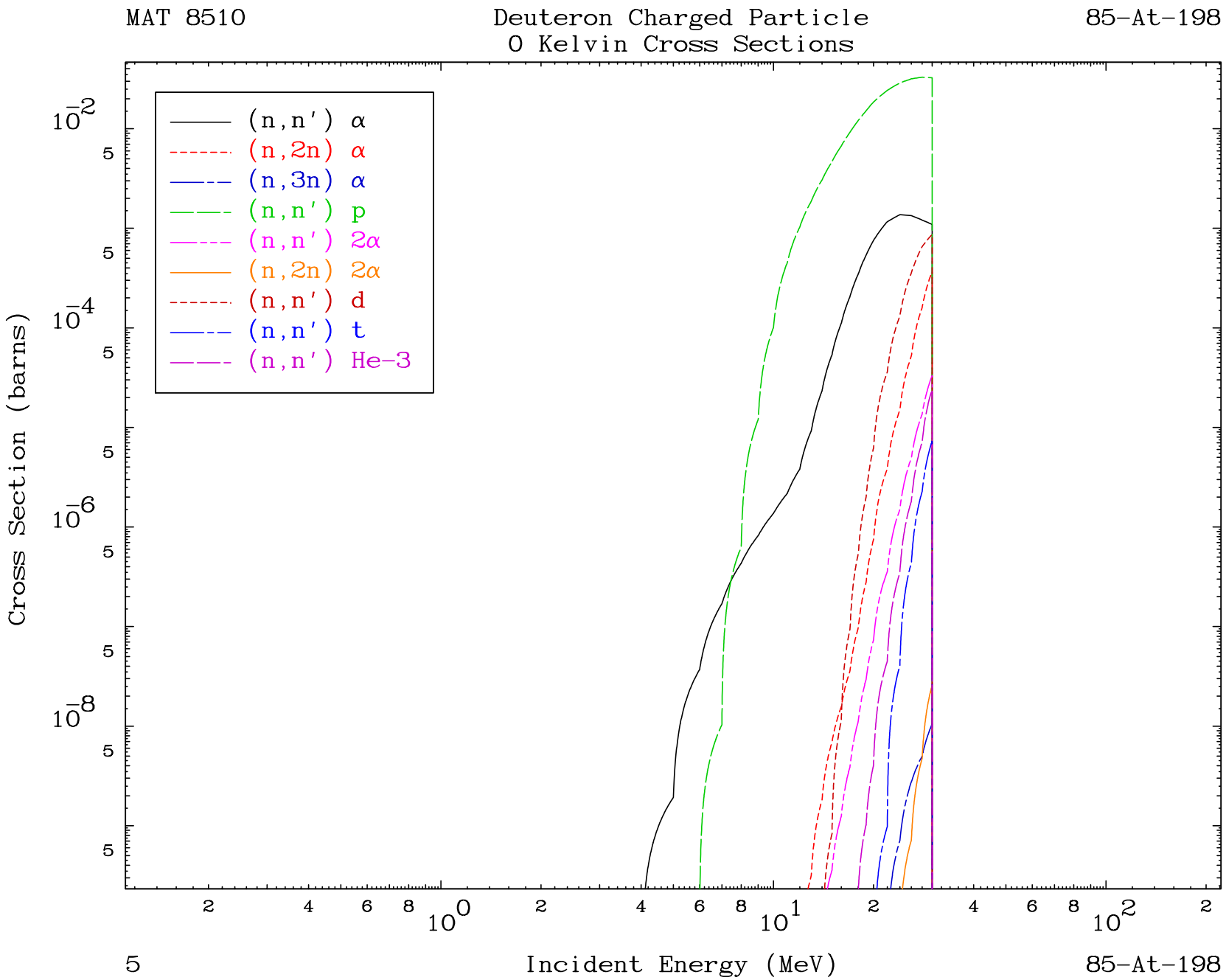
Press Mouse Button to Start

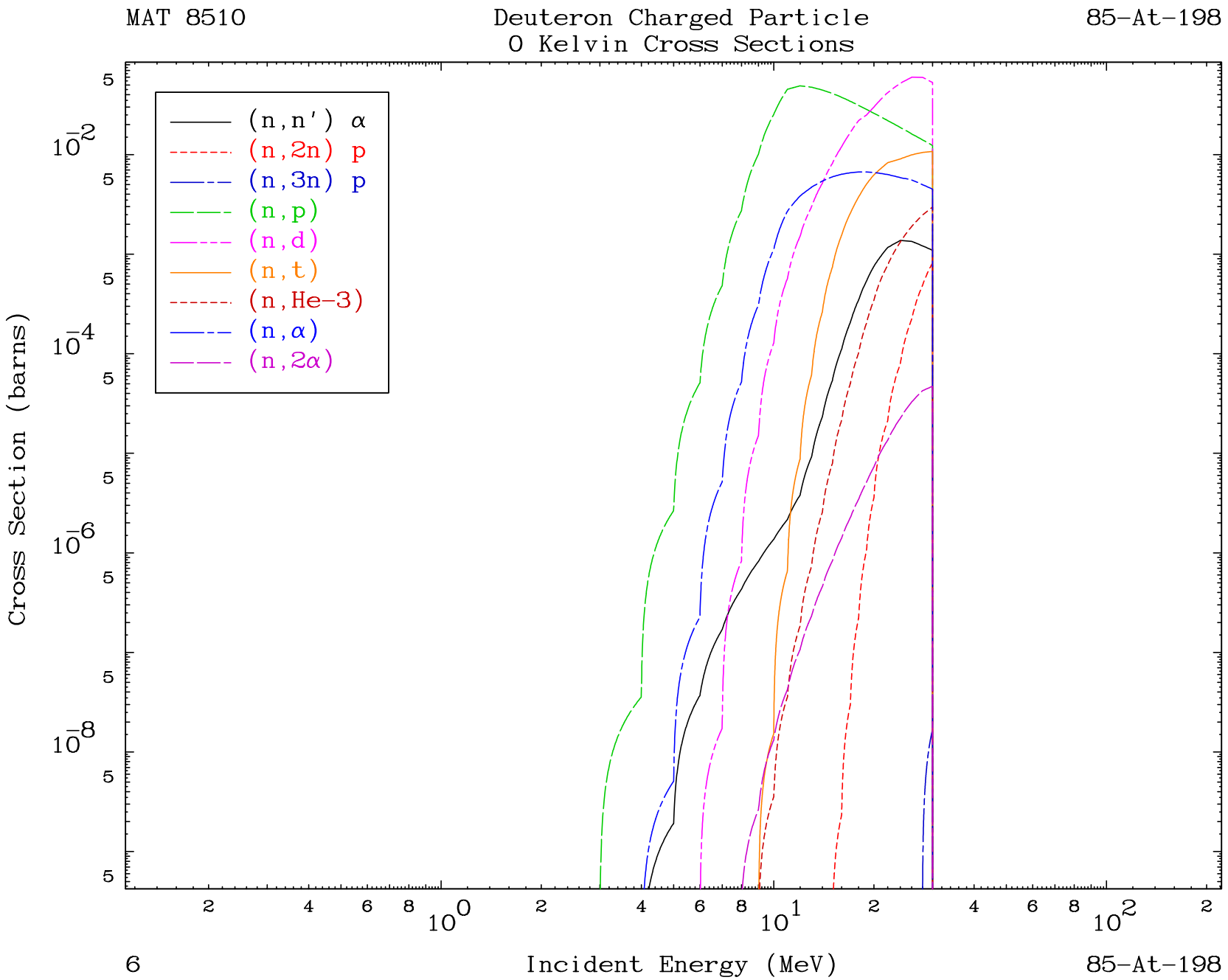

MAT 8510
Deuteron Major
85-At-198
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
85-At-198
1

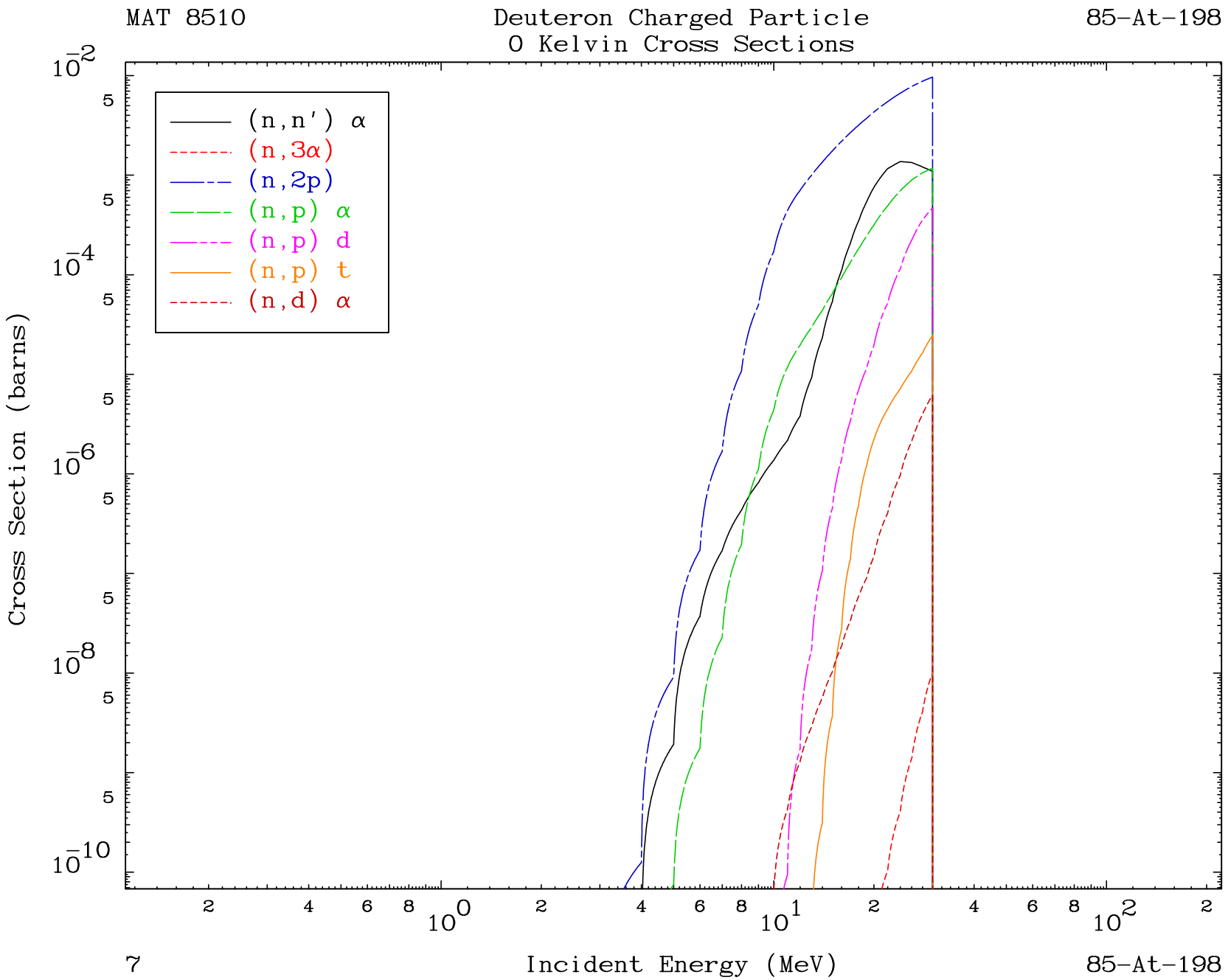

MAT 8510
Deuteron Neutron Absorption
0 Kelvin Cross Sections
85-At-198
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
2
85-At-198

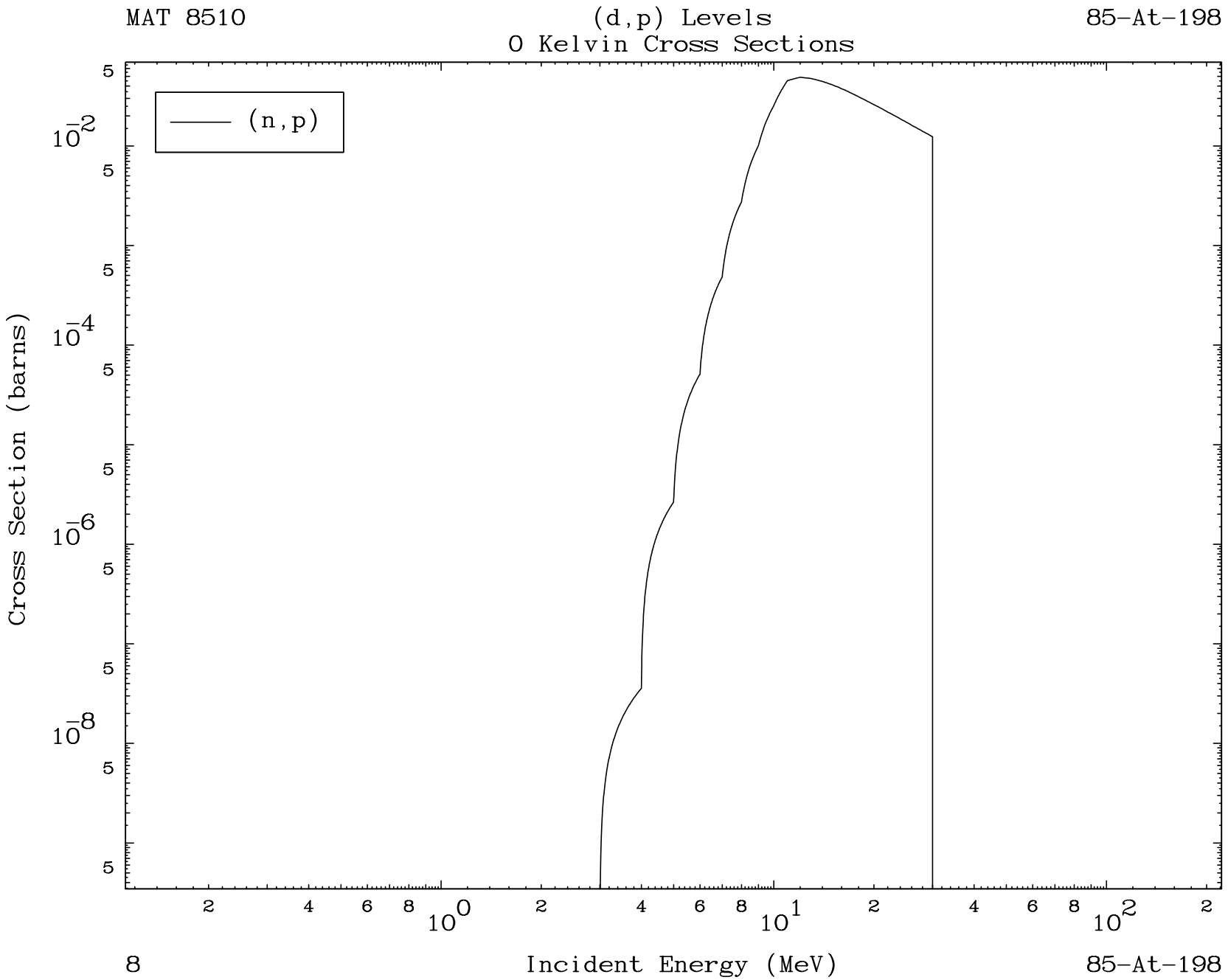

MAT 8510
Deuteron Neutron Absorption
0 Kelvin Cross Sections
85-At-198
(n,n') t
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
85-At-198

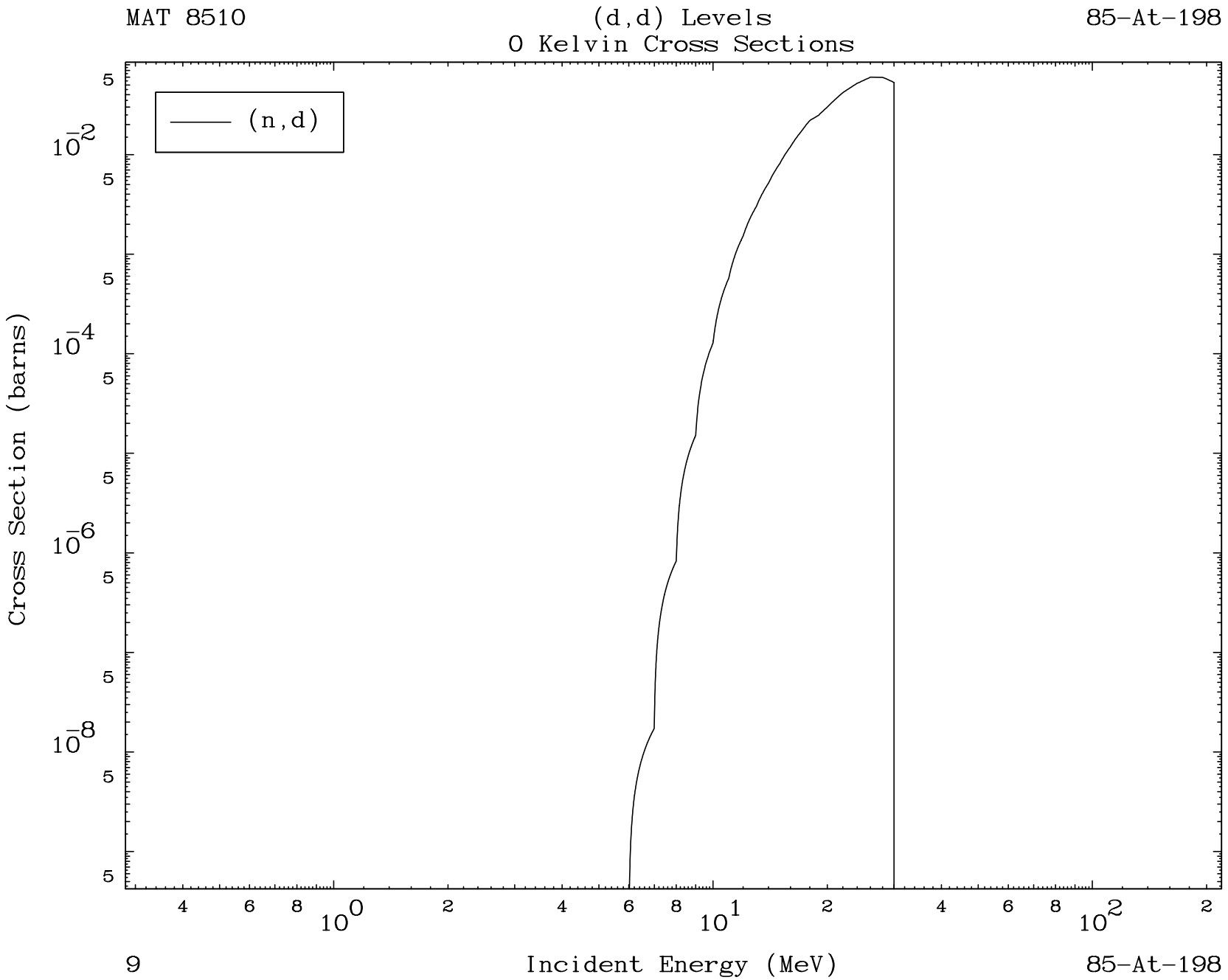

MAT 8510
Deuteron Neutron Absorption
0 Kelvin Cross Sections
85-At-198
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
85-At-198

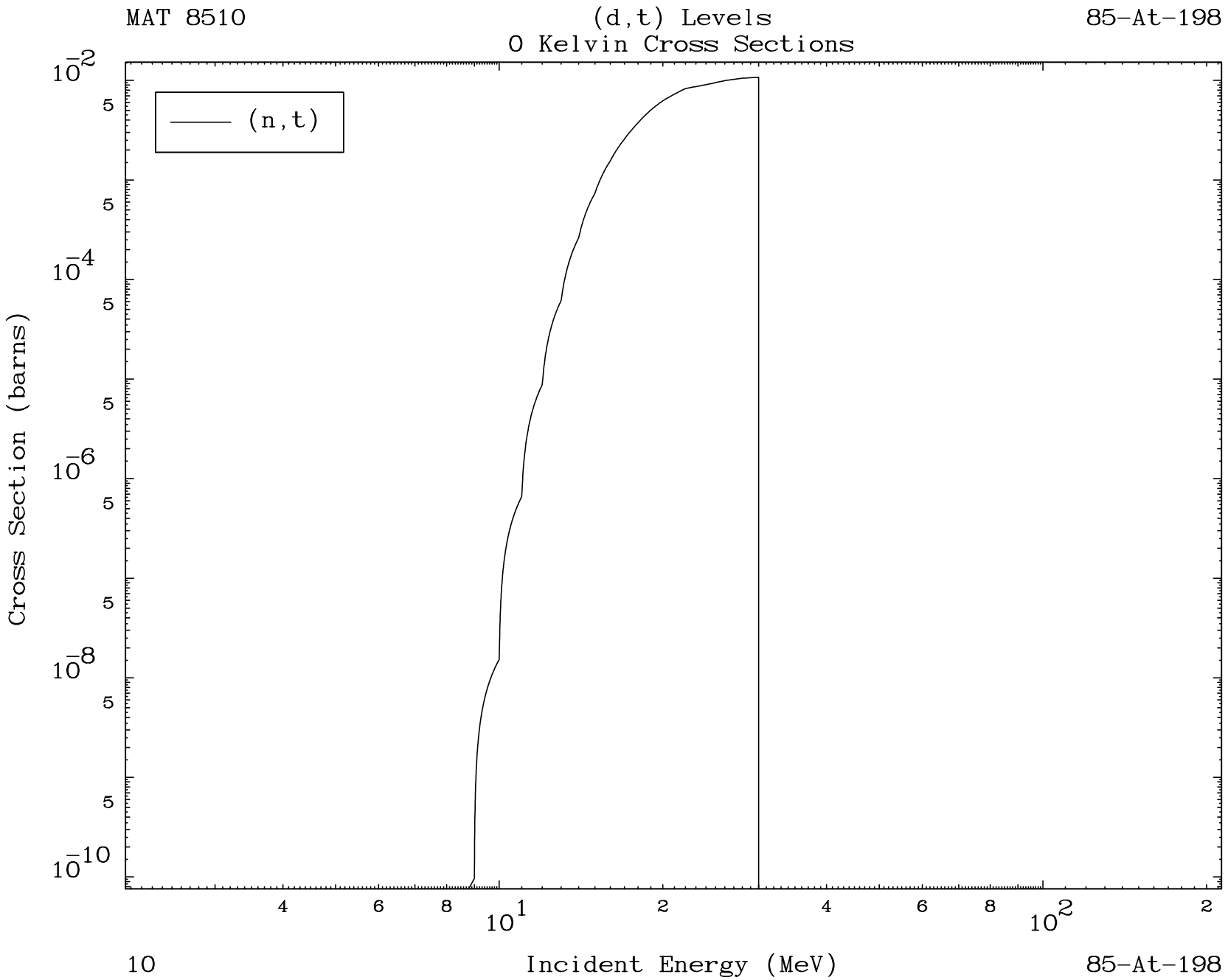

MAT 8510
Deuteron Charged Particle
0 Kelvin Cross Sections
85-At-198
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3
Cross Section (barns)
Incident Energy (MeV)
85-At-198

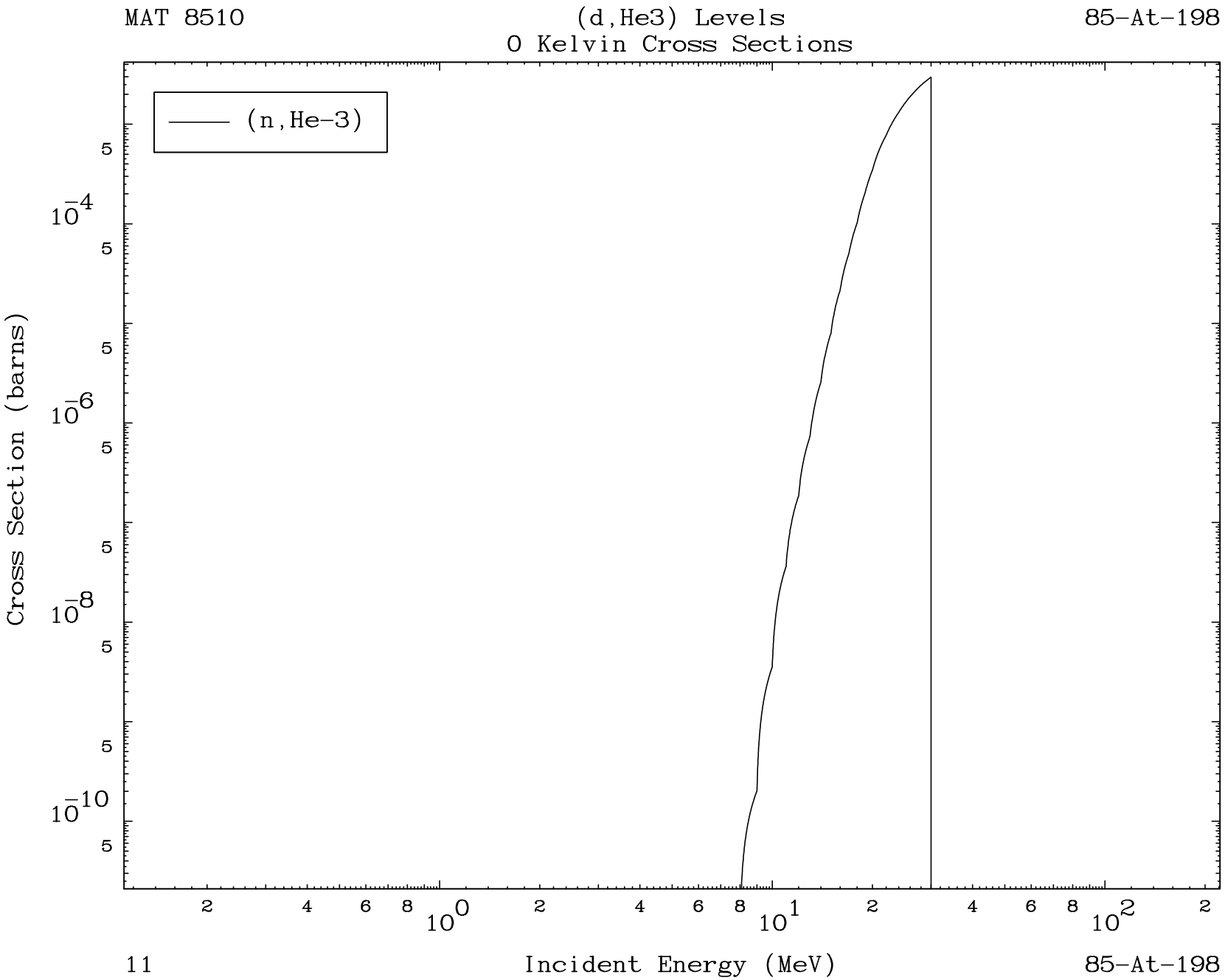

MAT 8510
Deuteron Charged Particle
0 Kelvin Cross Sections
85-At-198
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
6
85-At-198

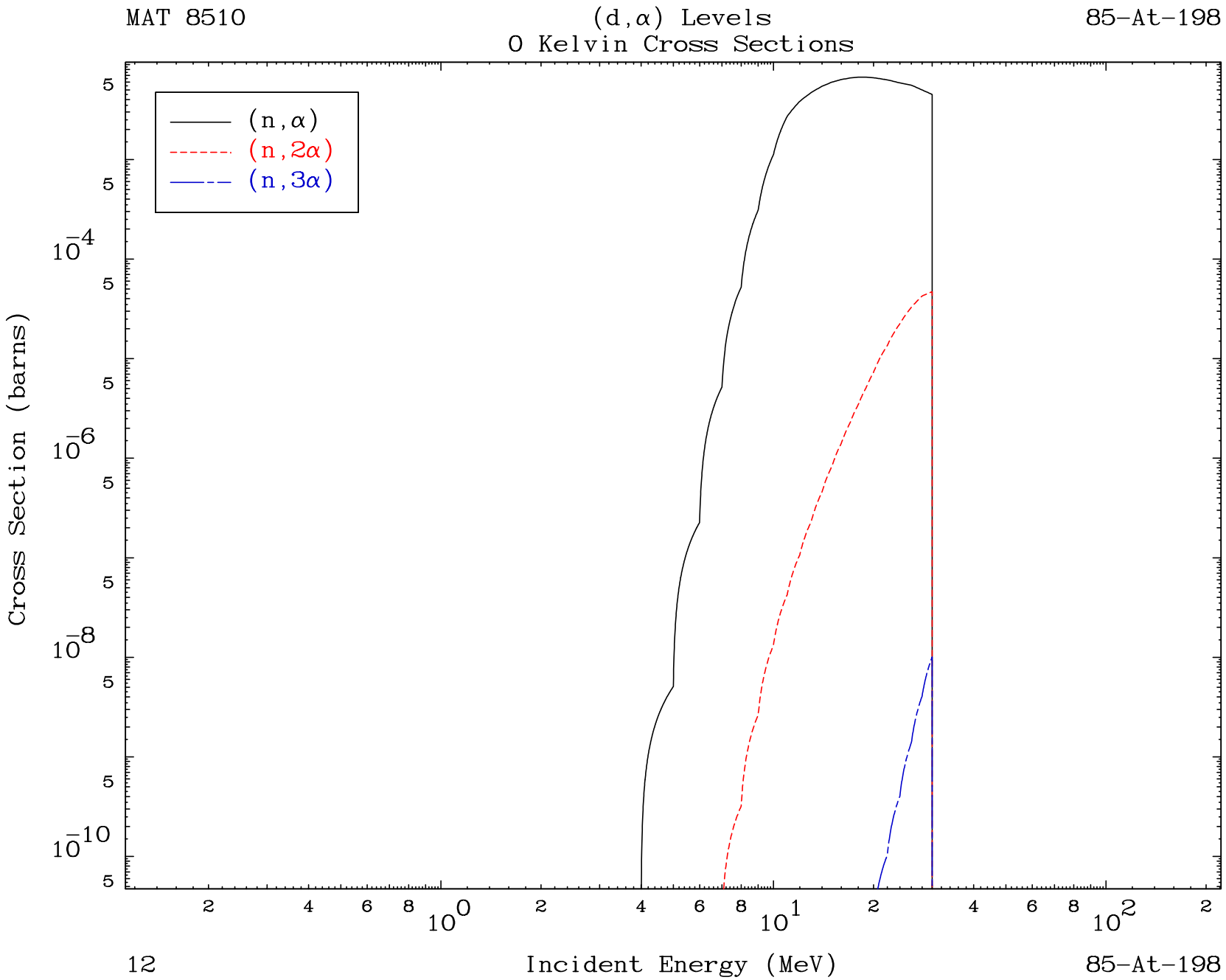

MAT 8510
Deuteron Charged Particle
0 Kelvin Cross Sections
85-At-198
(n,n') α
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
7
85-At-198

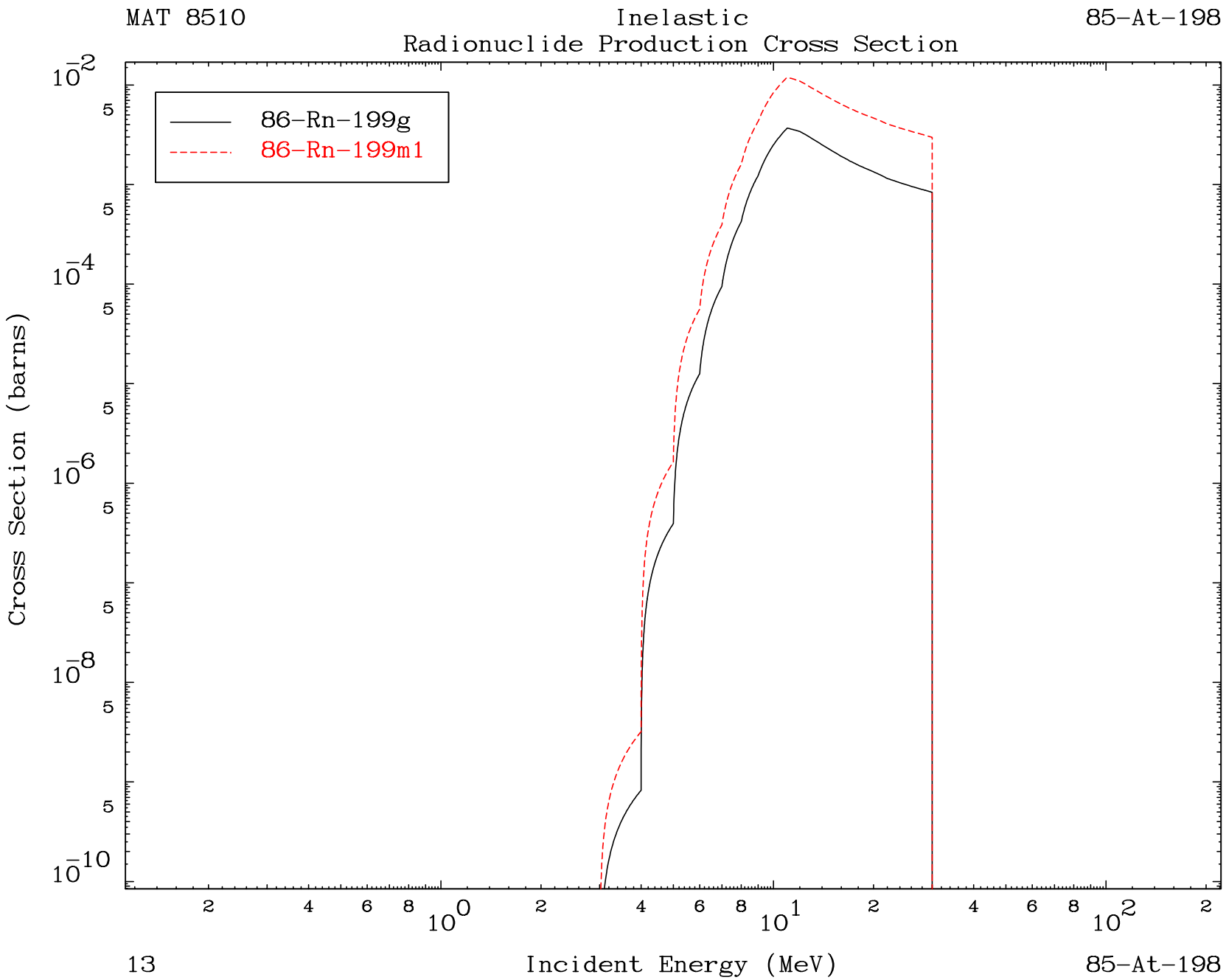

MAT 8510
(d,p) Levels
85-At-198
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-198

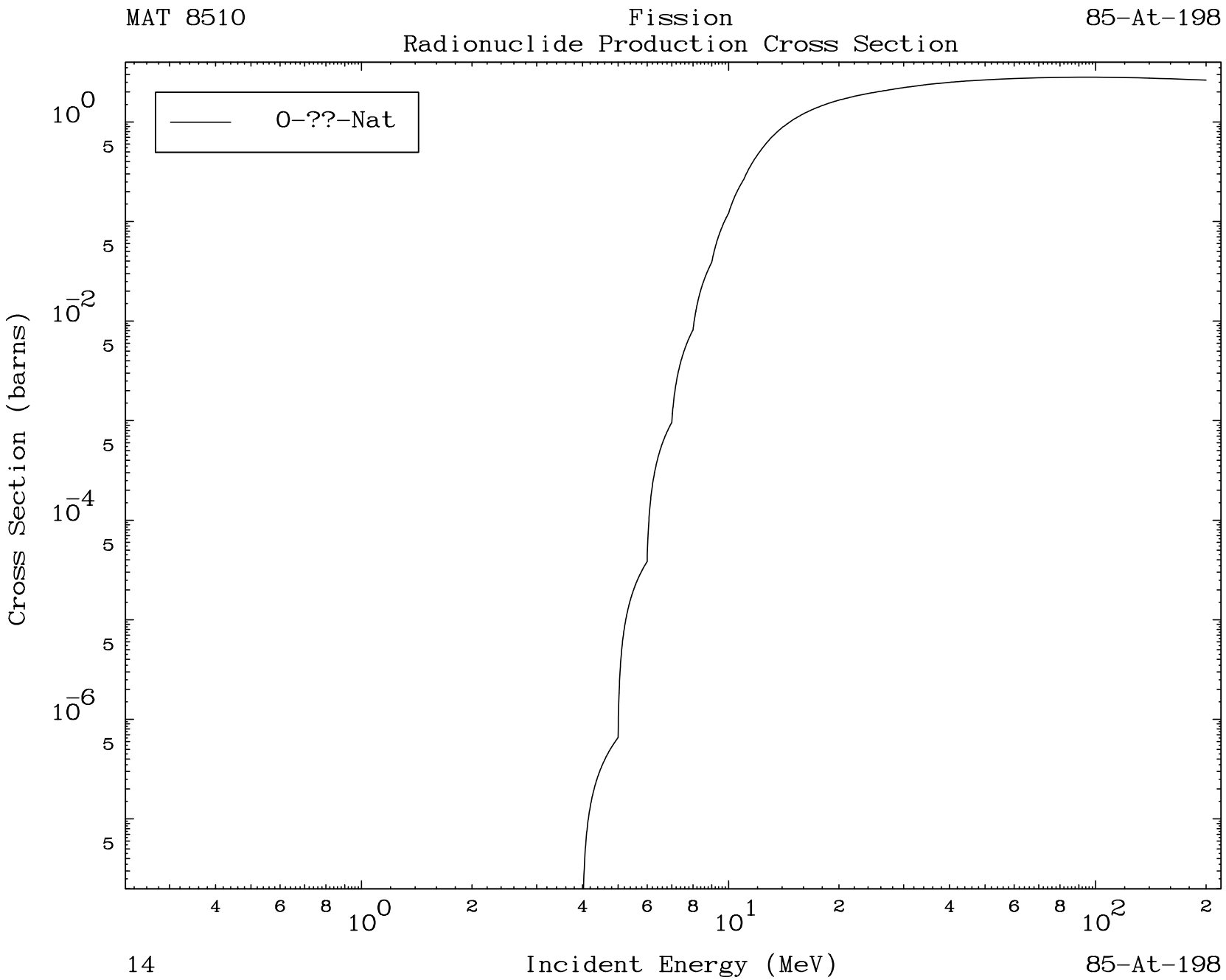

MAT 8510
(d,d) Levels
85-At-198
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
85-At-198

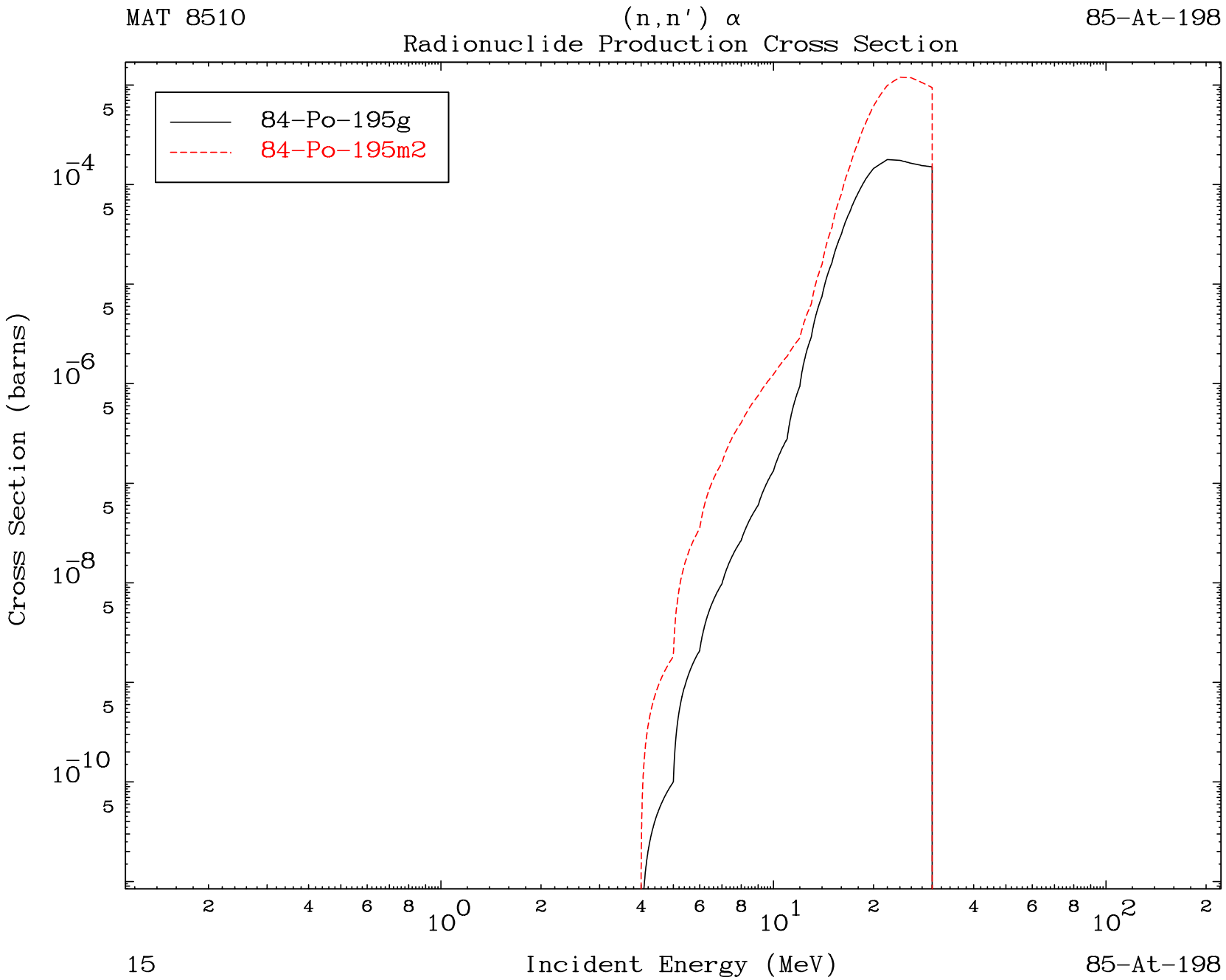

MAT 8510
(d,t) Levels
85-At-198
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^-10
5
4
6
8
10^1
2
10^2
10
Incident Energy (MeV)
85-At-198

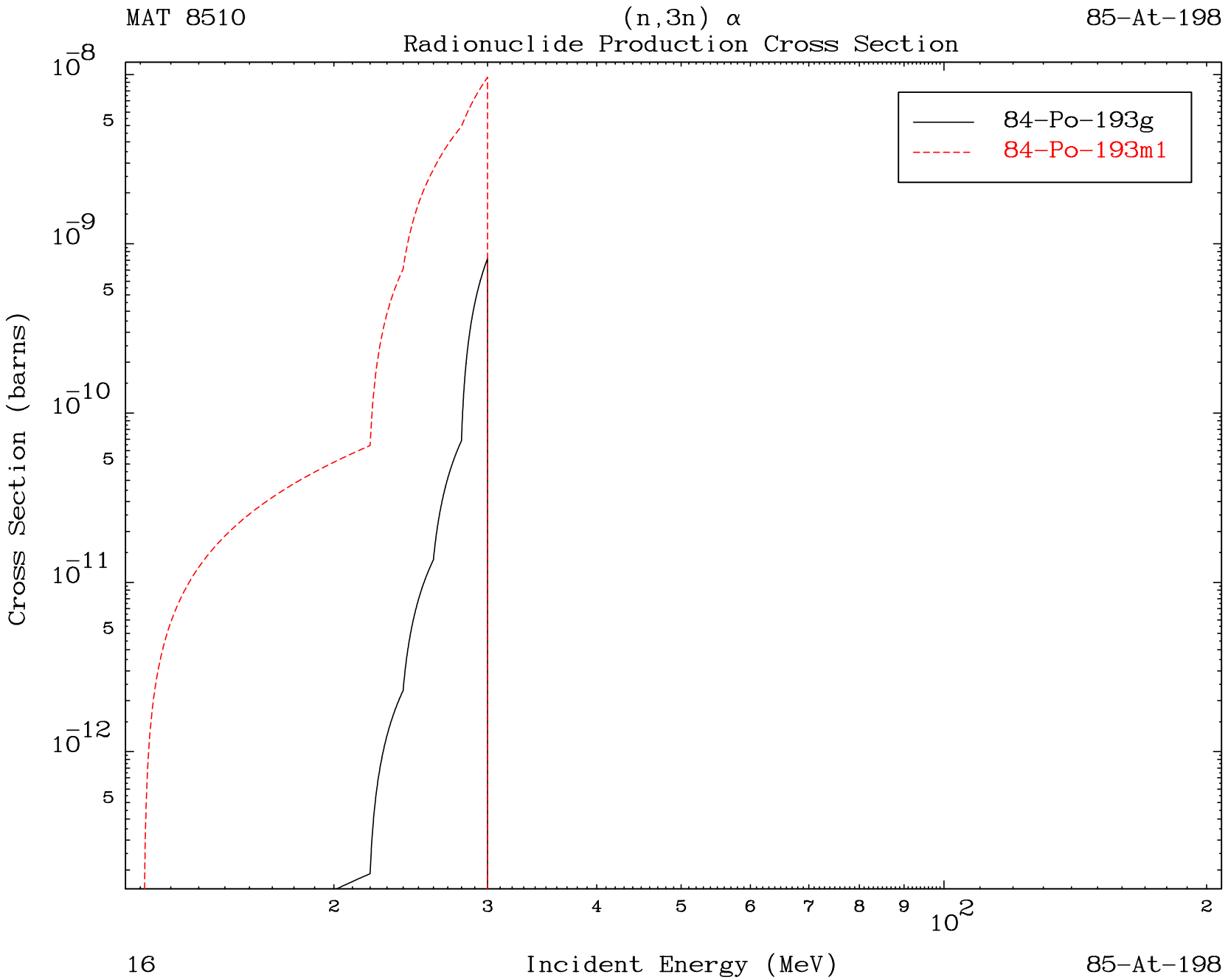

MAT 8510
(d,He3) Levels
85-At-198
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
11
85-At-198

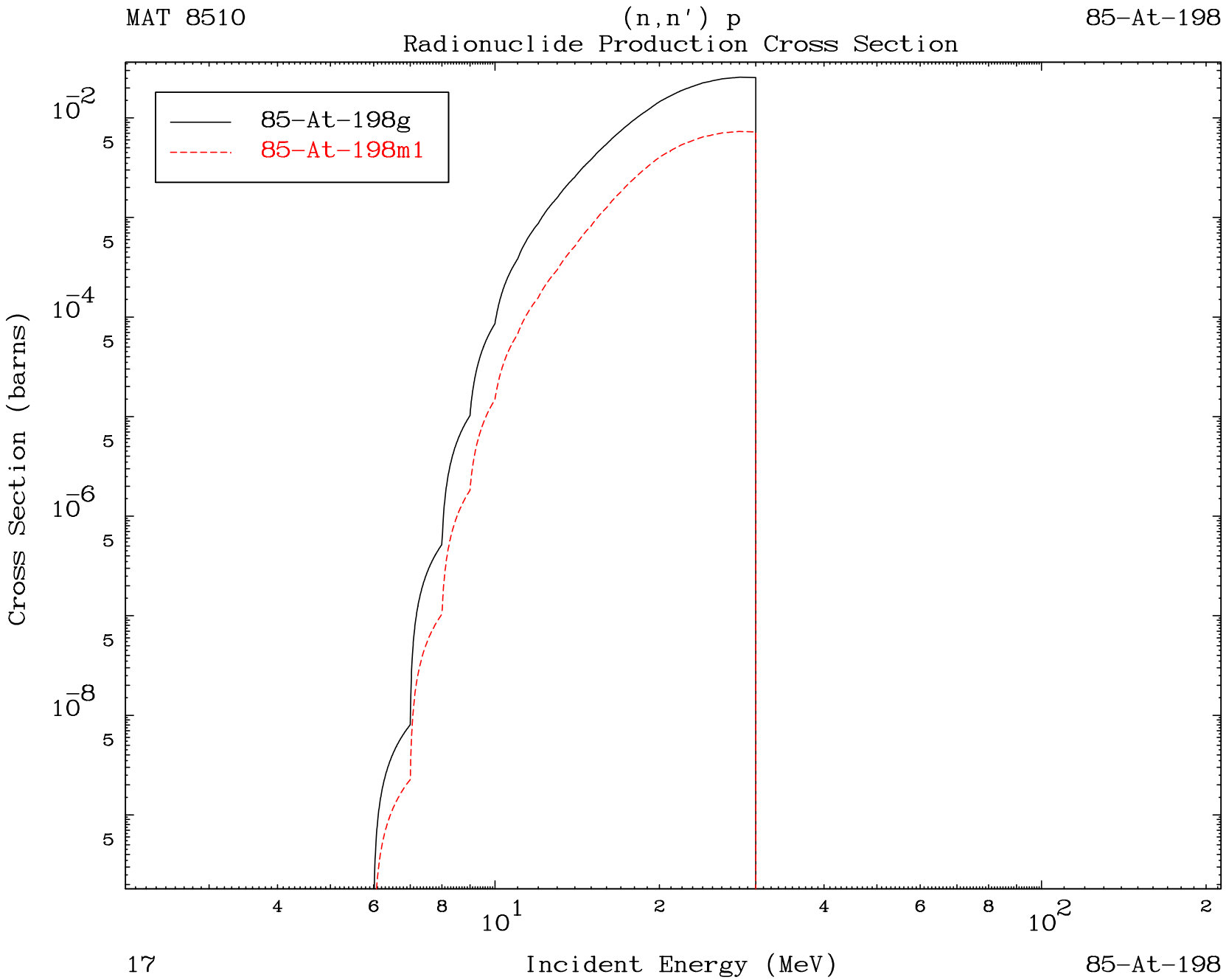

MAT 8510
(d,α) Levels
85-At-198
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
12
85-At-198

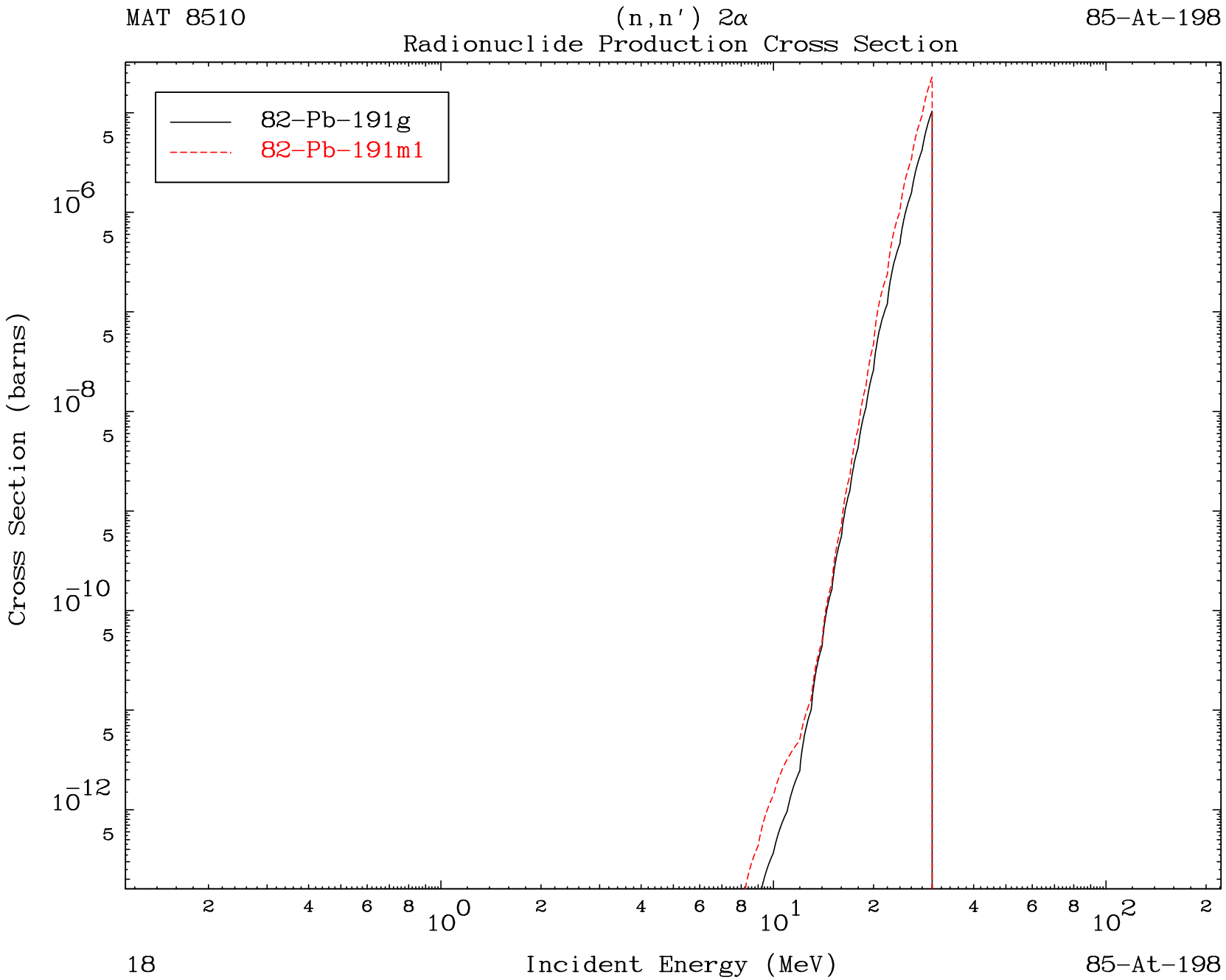

MAT 8510
Inelastic
85-At-198
Radionuclide Production Cross Section
86-Rn-199g
86-Rn-199m1
Cross Section (barns)
Incident Energy (MeV)
13
85-At-198

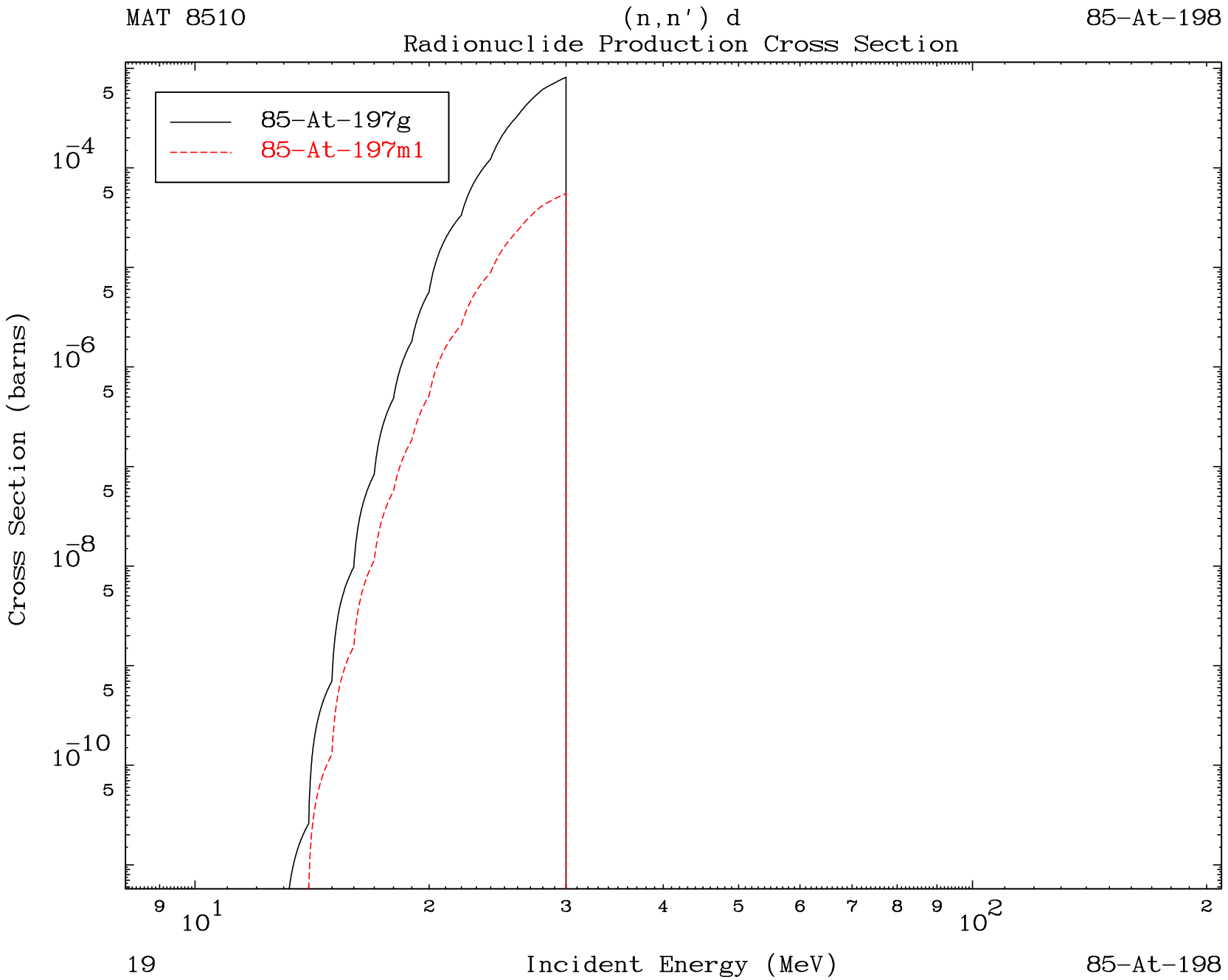

MAT 8510
Fission
85-At-198
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
14
85-At-198

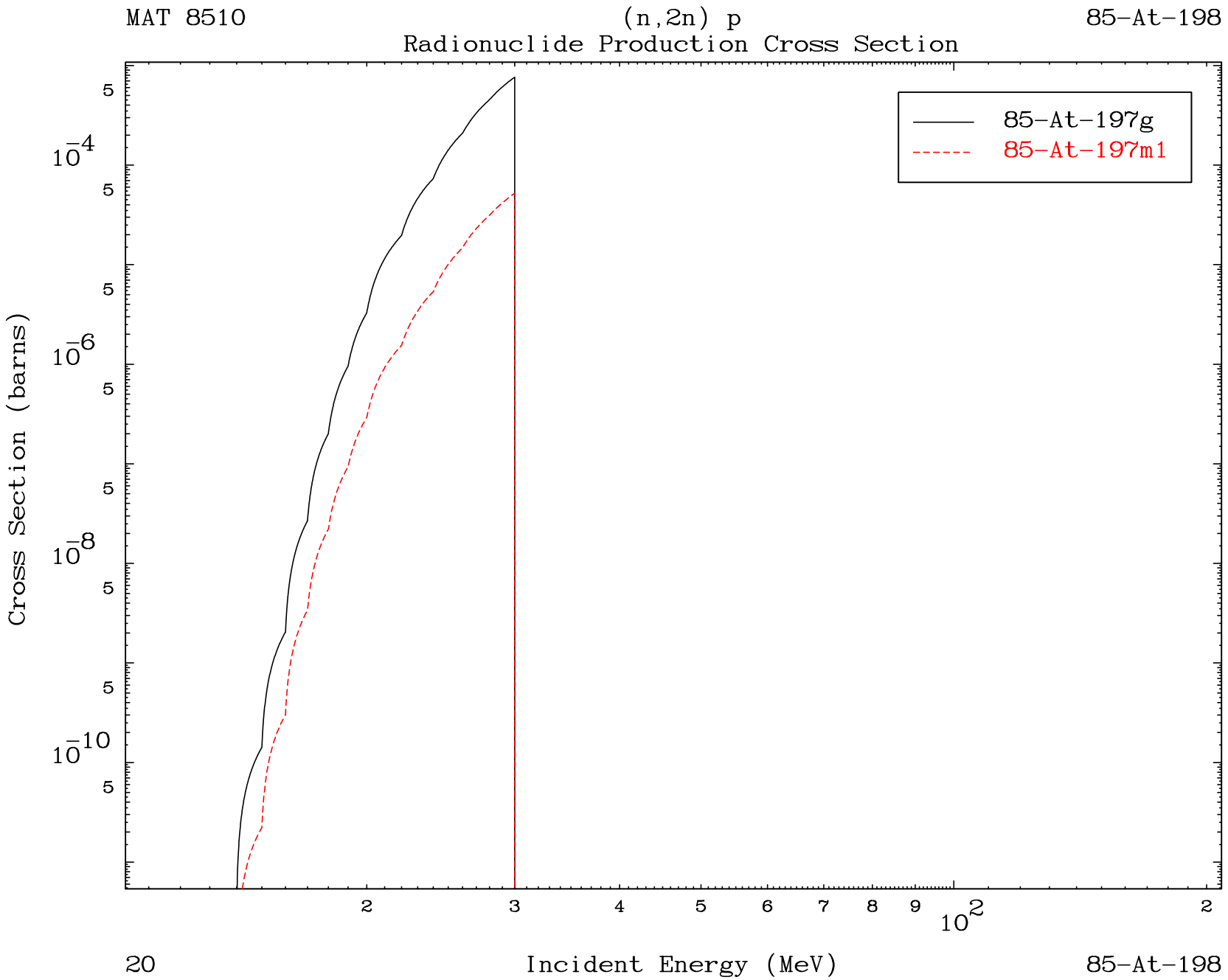

MAT 8510
(n,n') α
85-At-198
Radionuclide Production Cross Section
84-Po-195g
84-Po-195m2
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
15
85-At-198

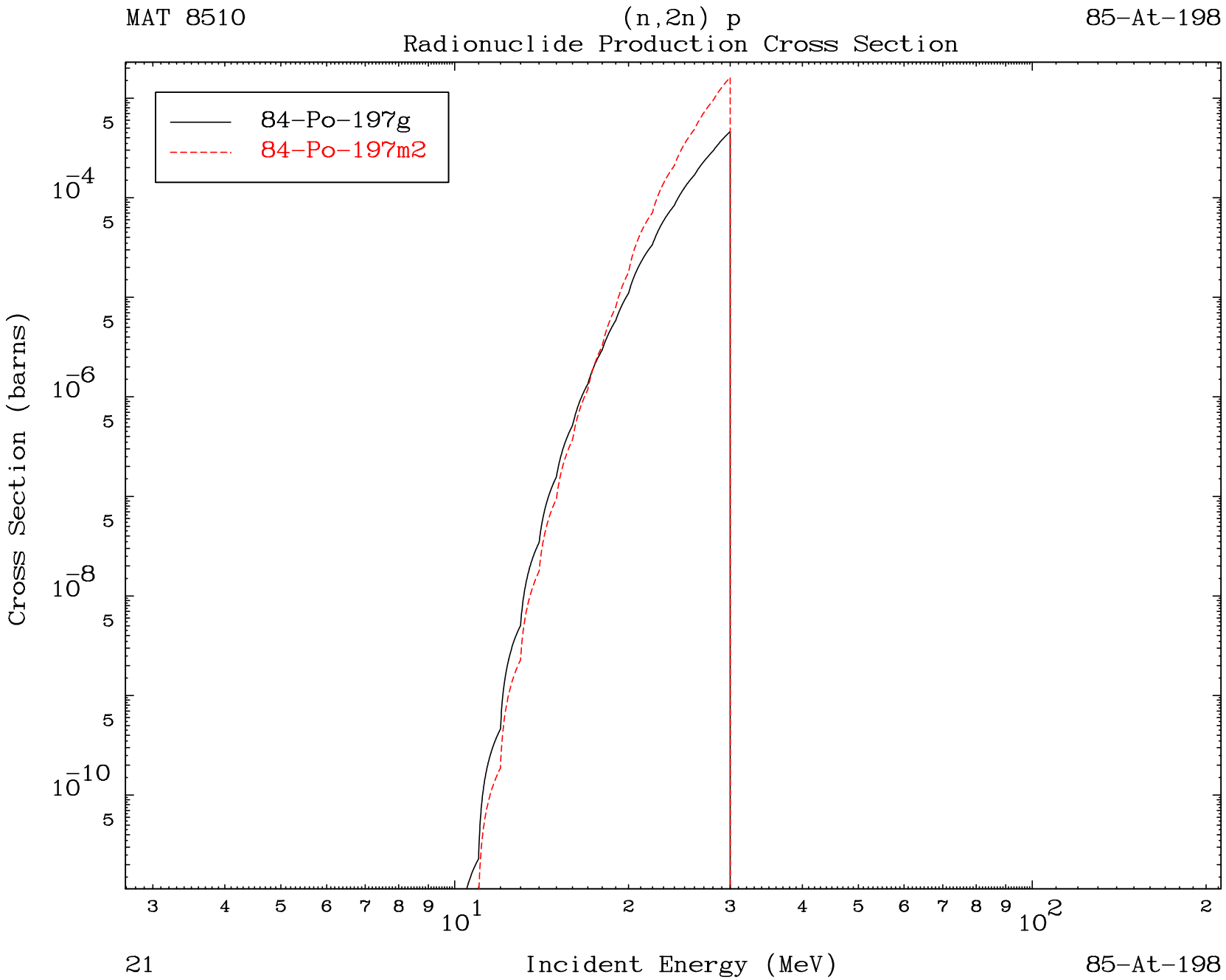

MAT 8510
(n,3n) α
85-At-198
Radionuclide Production Cross Section
84-Po-193g
84-Po-193m1
Cross Section (barns)
Incident Energy (MeV)
16
85-At-198

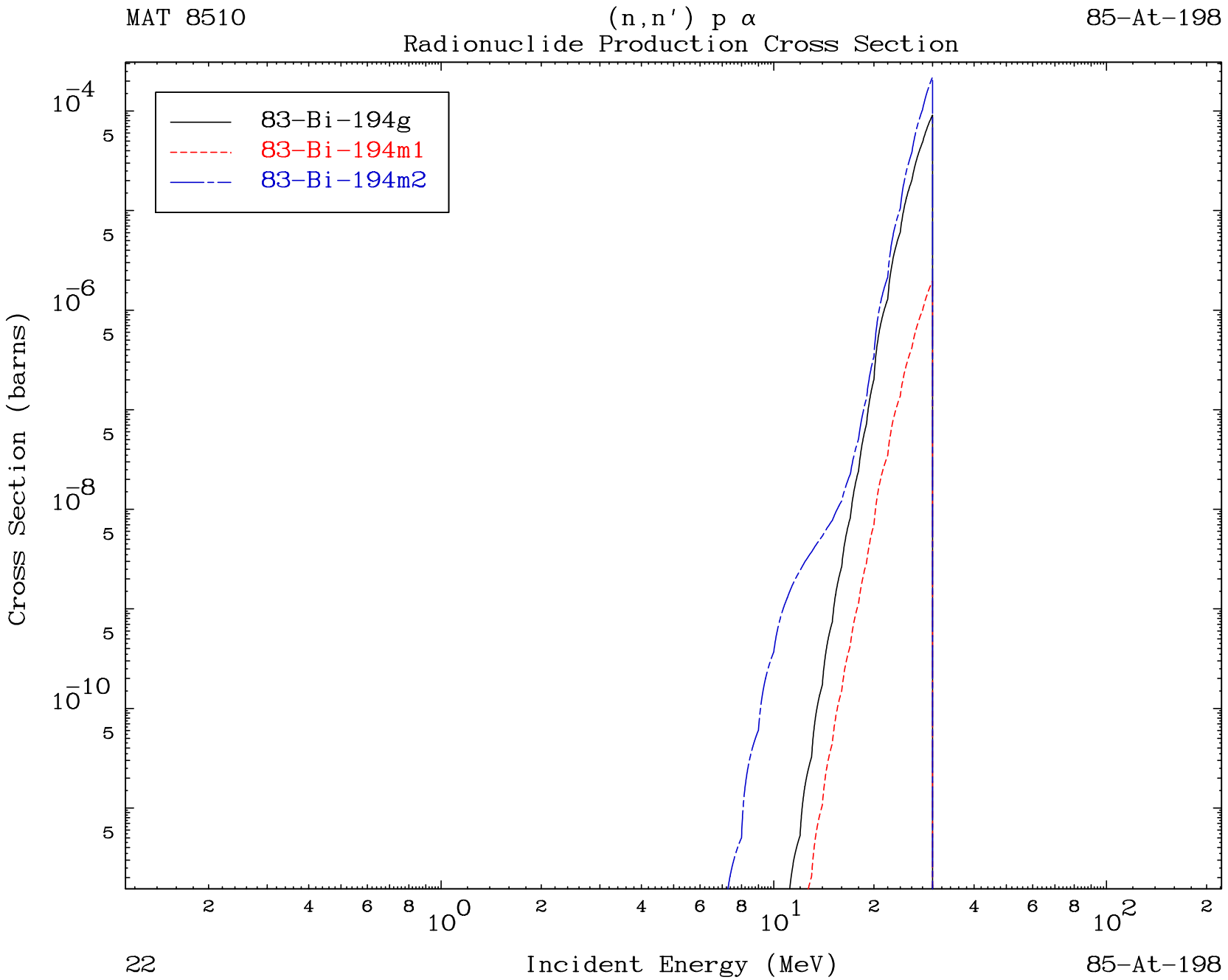

MAT 8510
(n,n') p
85-At-198
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
Incident Energy (MeV)
17
85-At-198

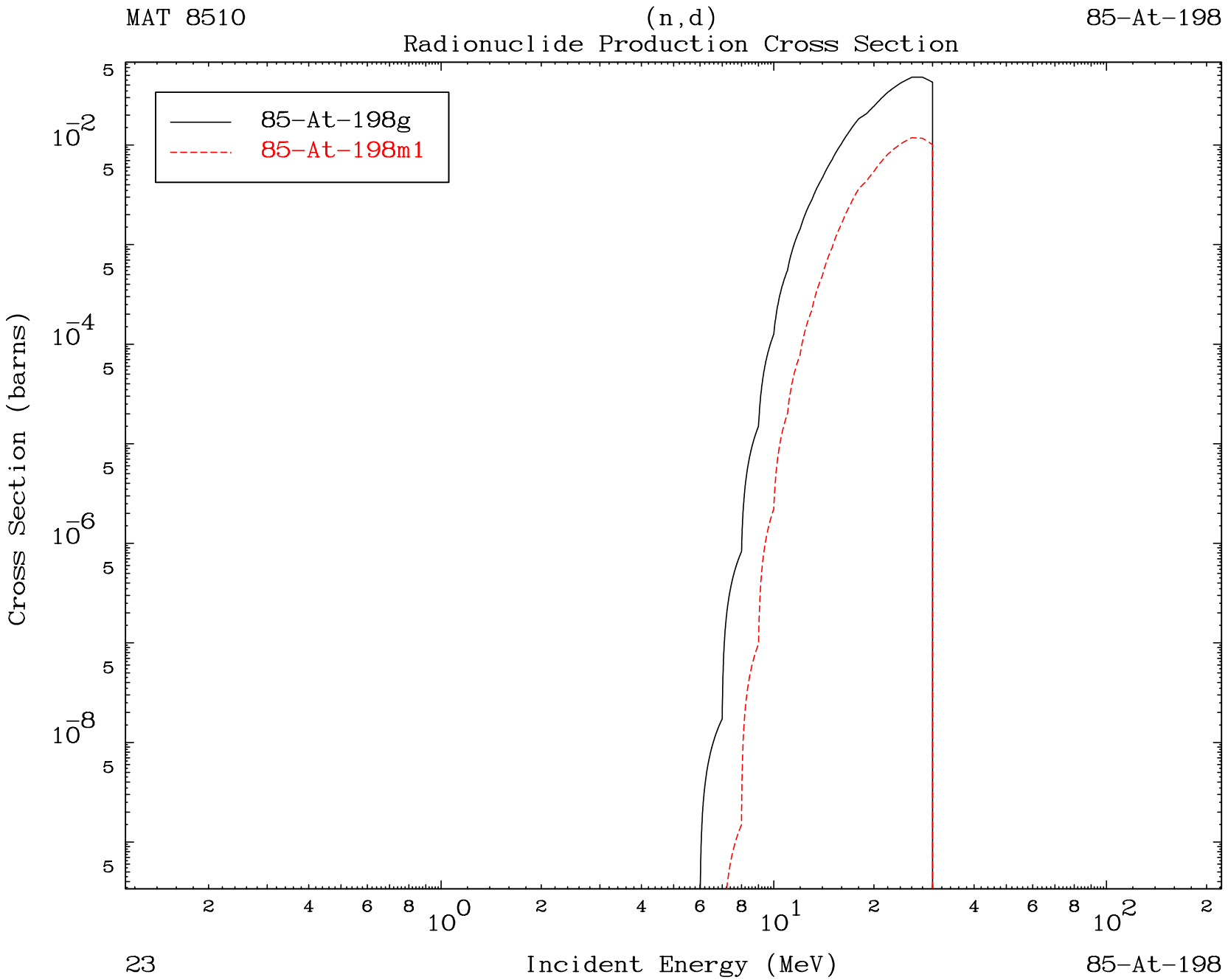

MAT 8510
(n,n') 2α
85-At-198
Radionuclide Production Cross Section
82-Pb-191g
82-Pb-191m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
4
6
8
100
101
102
18
Incident Energy (MeV)
85-At-198

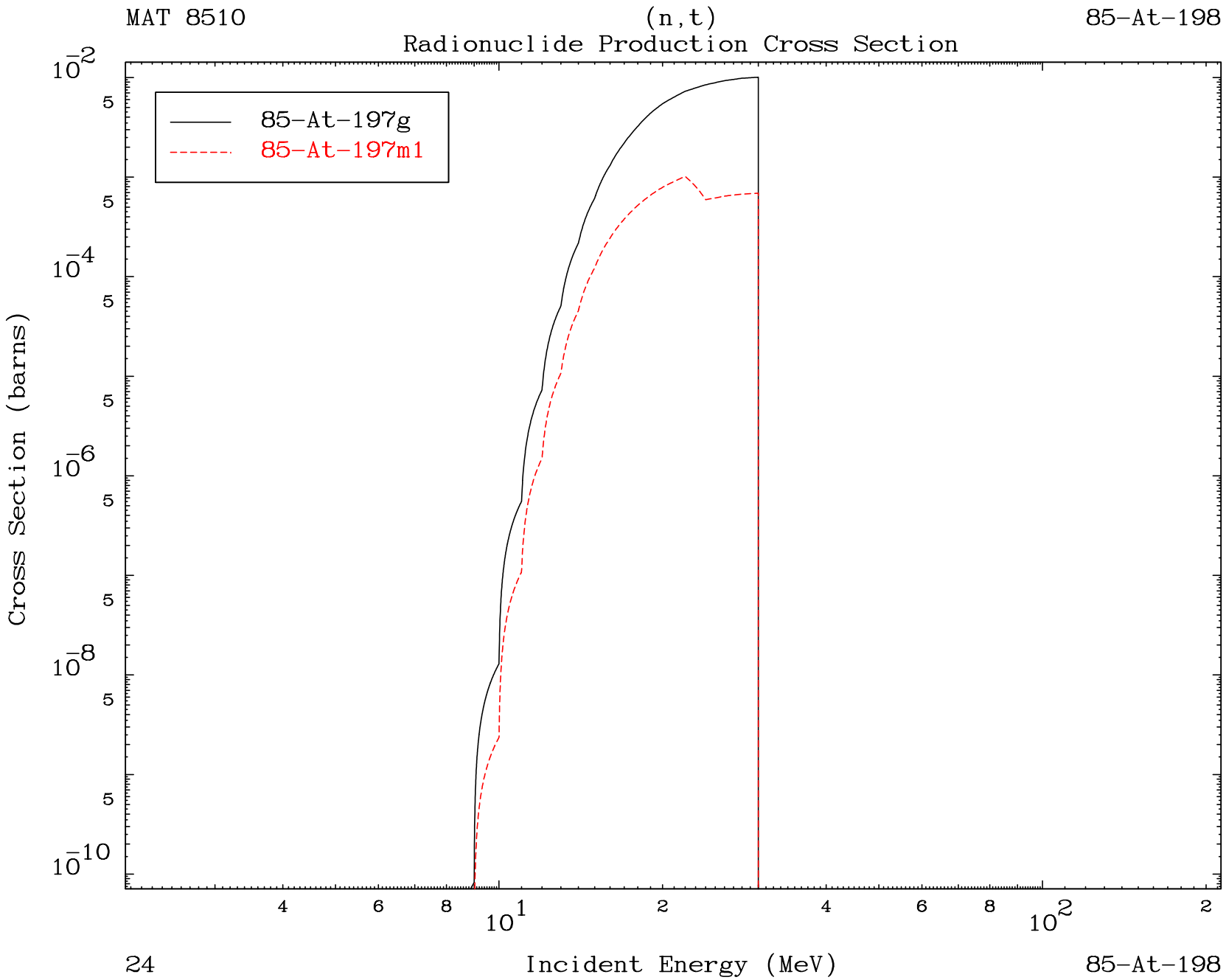

MAT 8510
(n,n') d
85-At-198
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
19
85-At-198

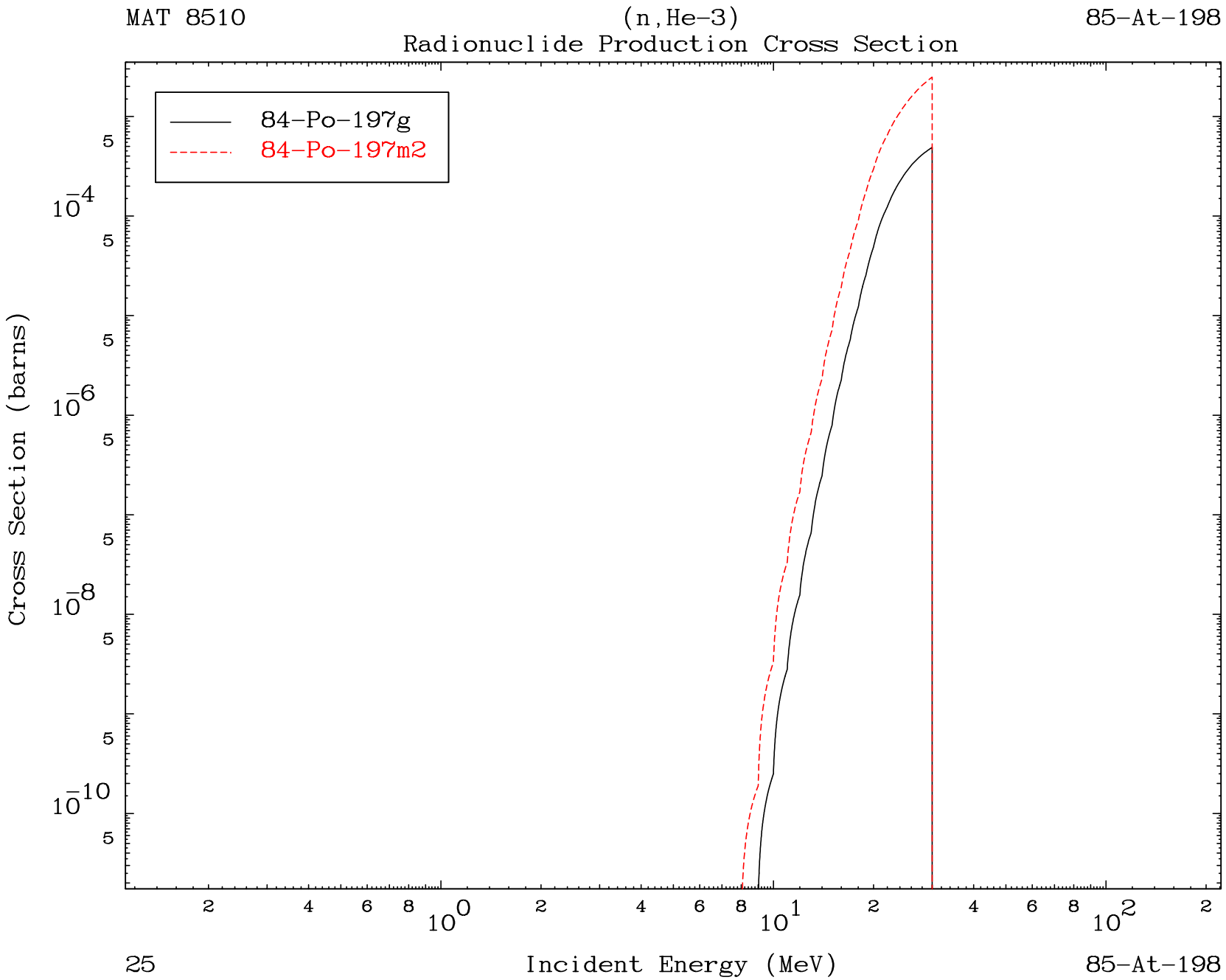

MAT 8510
(n,2n) p
85-At-198
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
20
Incident Energy (MeV)
85-At-198

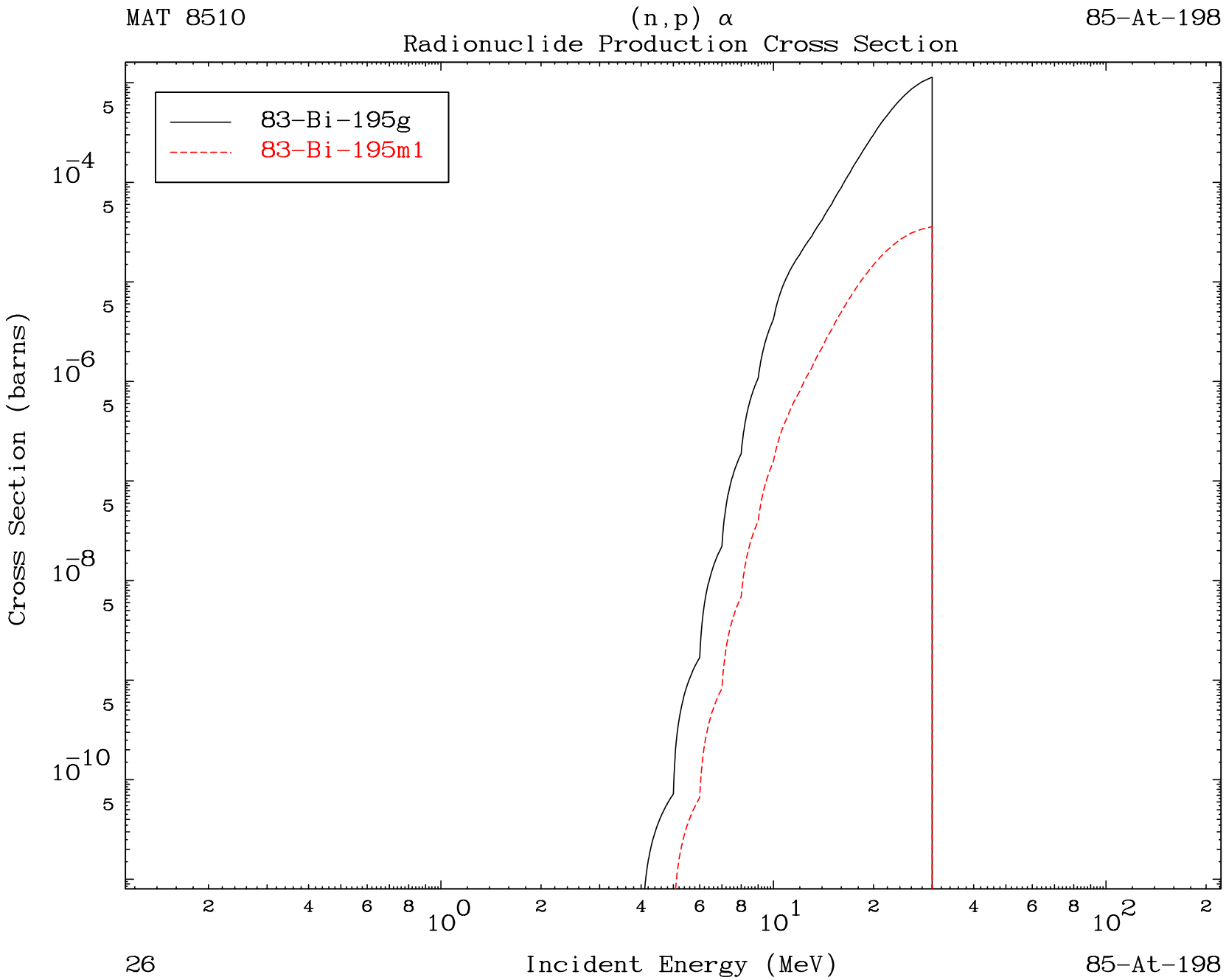

MAT 8510
(n,2n) p
85-At-198
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
21
85-At-198

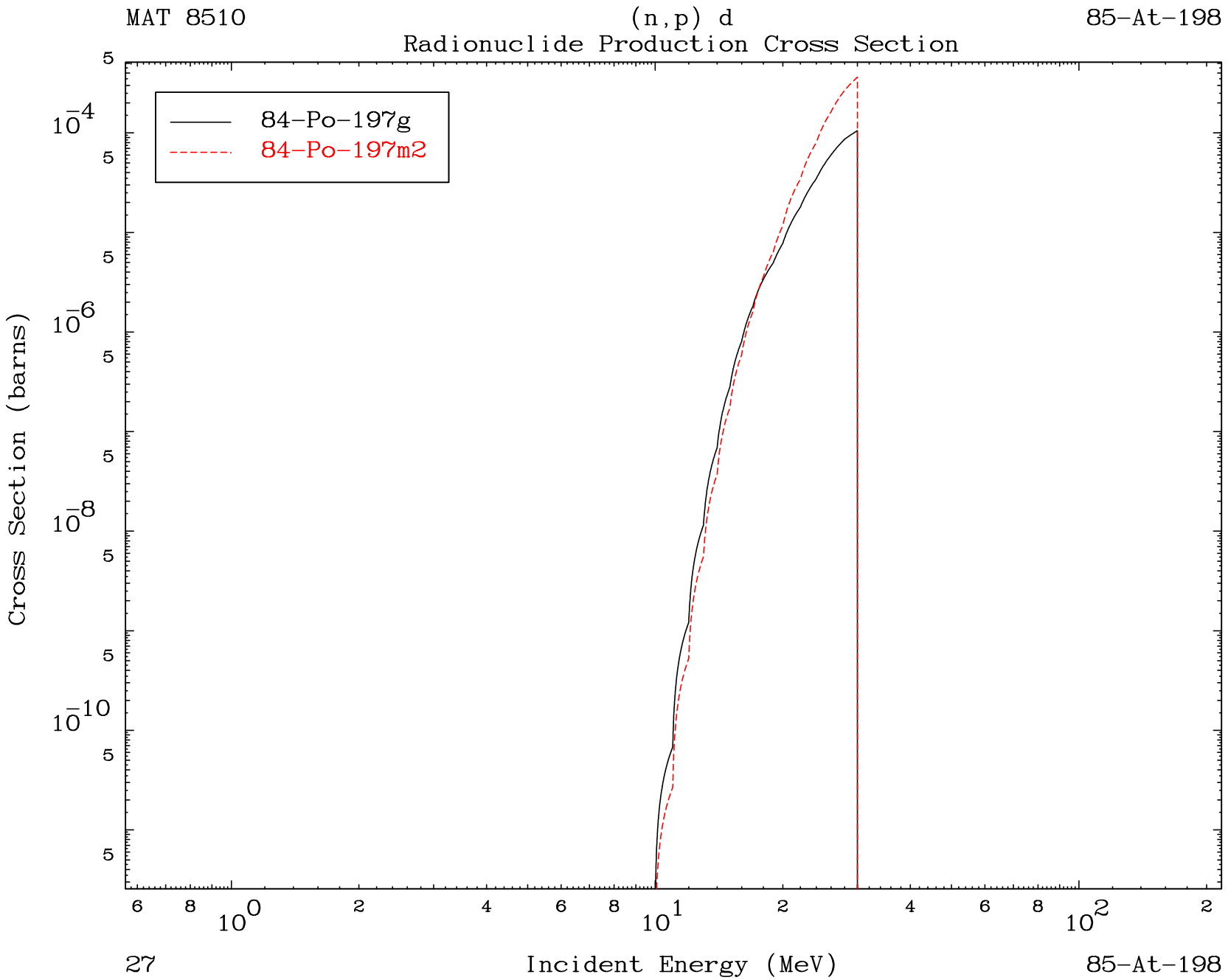

MAT 8510
(n,n') p α
85-At-198
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
Incident Energy (MeV)
22
85-At-198

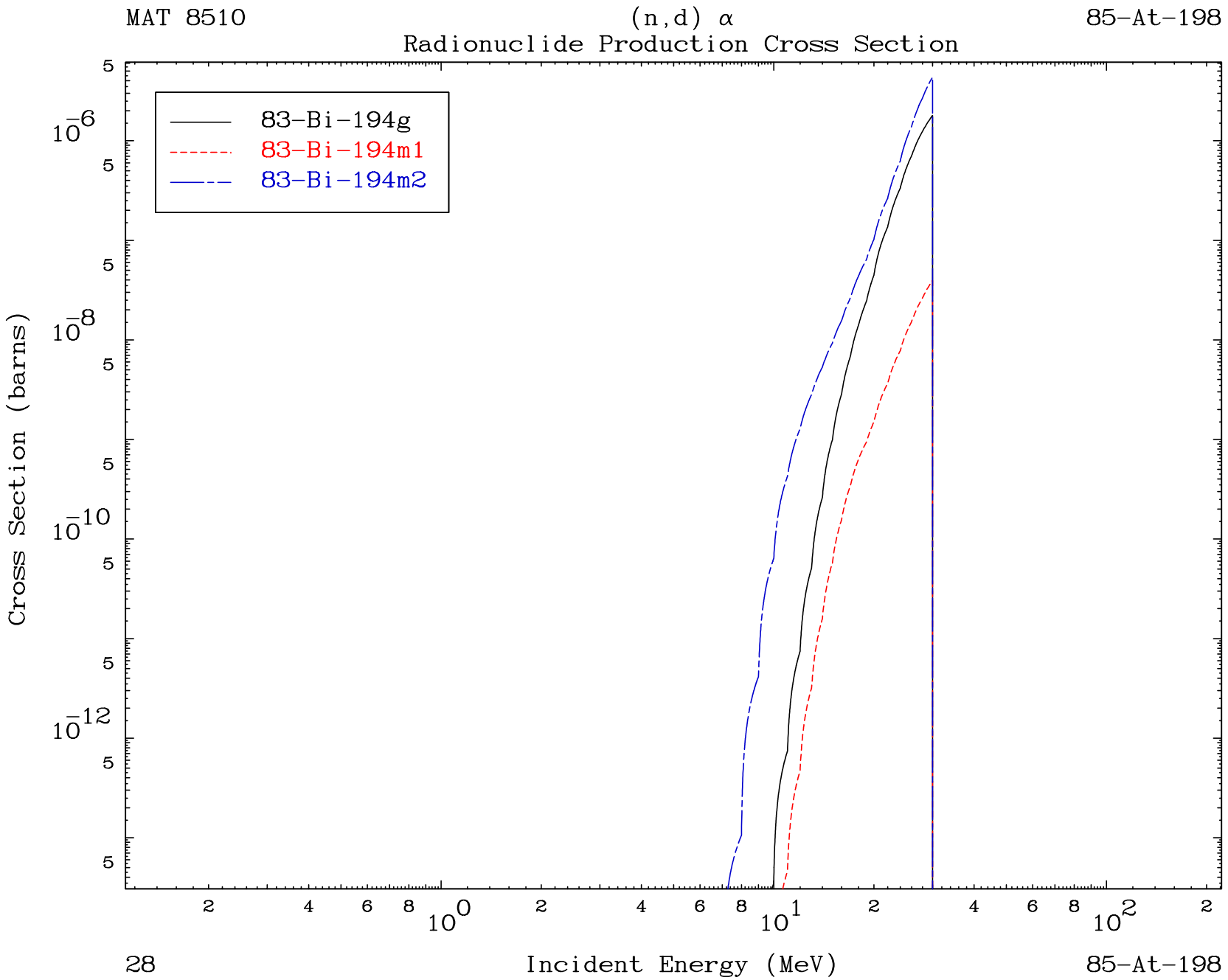

MAT 8510
(n,d)
85-At-198
Radionuclide Production Cross Section
85-At-198g
85-At-198m1
Cross Section (barns)
Incident Energy (MeV)
23
85-At-198


MAT 8510
(n,t)
85-At-198
Radionuclide Production Cross Section
85-At-197g
85-At-197m1
Cross Section (barns)
Incident Energy (MeV)
24
85-At-198


MAT 8510
(n,He-3)
85-At-198
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
25
85-At-198


MAT 8510
(n,p) α
85-At-198
Radionuclide Production Cross Section
83-Bi-195g
83-Bi-195m1
Cross Section (barns)
Incident Energy (MeV)
26
85-At-198


MAT 8510
(n,p) d
85-At-198
Radionuclide Production Cross Section
84-Po-197g
84-Po-197m2
Cross Section (barns)
Incident Energy (MeV)
27
85-At-198


MAT 8510
(n,d) α
85-At-198
Radionuclide Production Cross Section
83-Bi-194g
83-Bi-194m1
83-Bi-194m2
Cross Section (barns)
Incident Energy (MeV)
28
85-At-198