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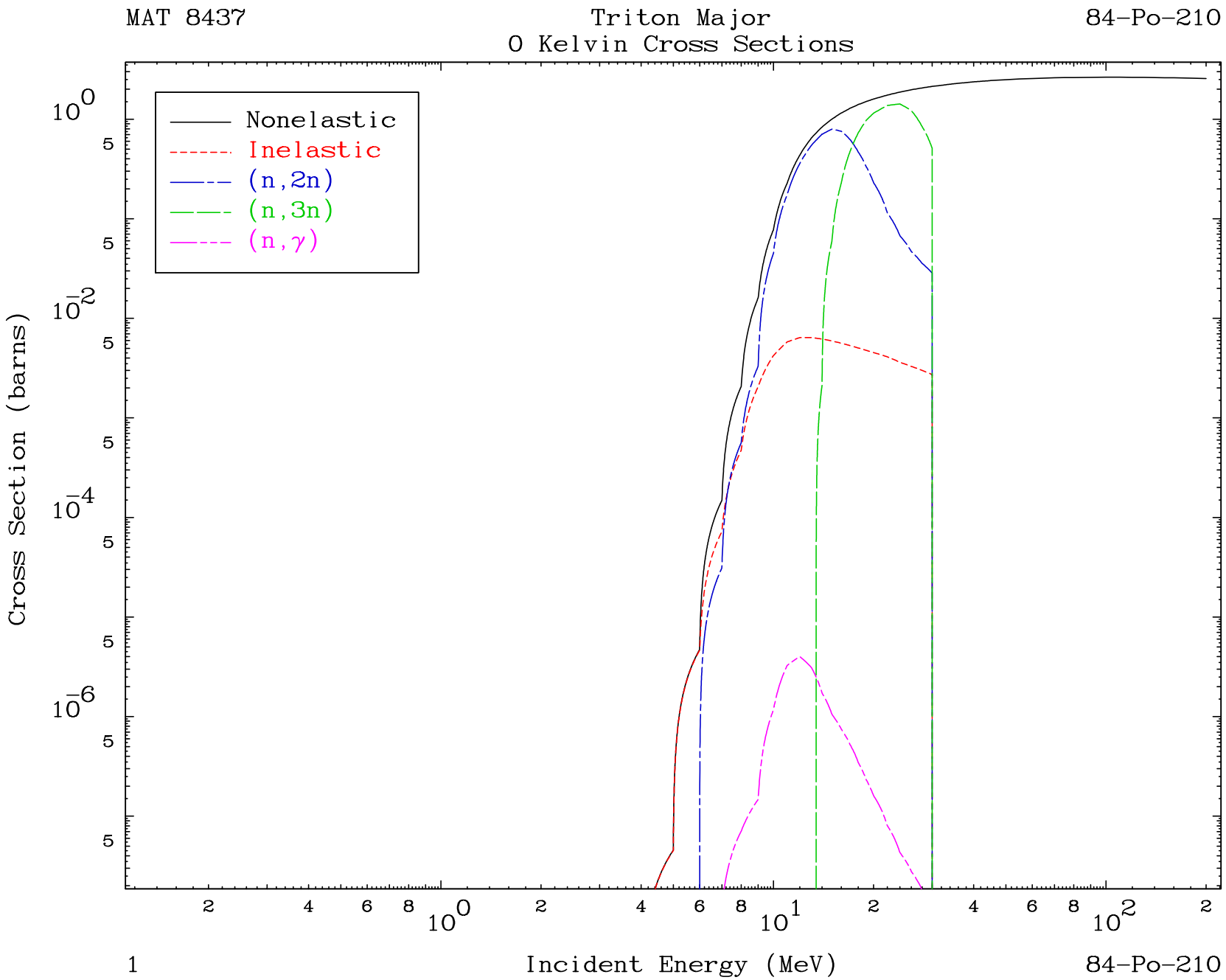
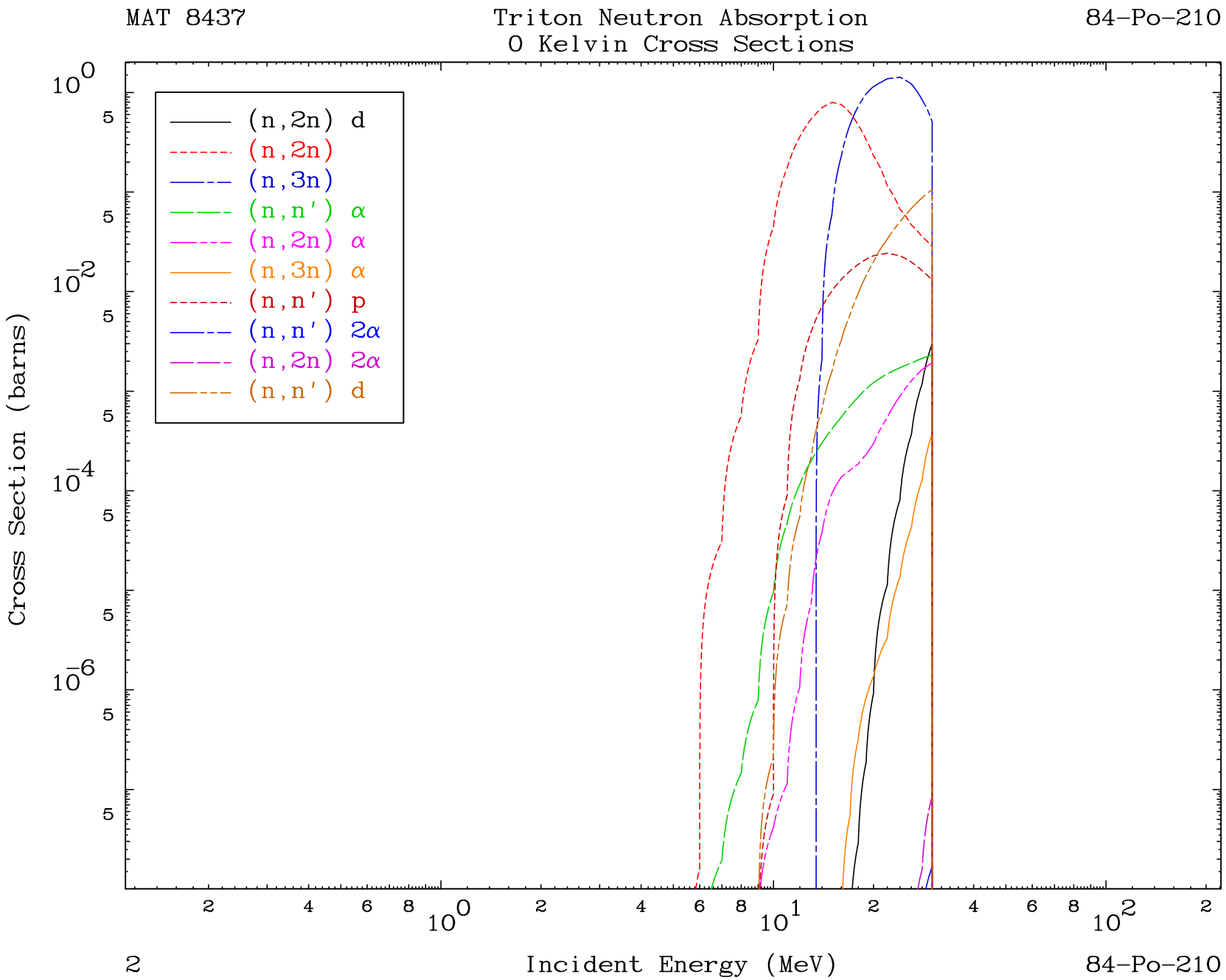
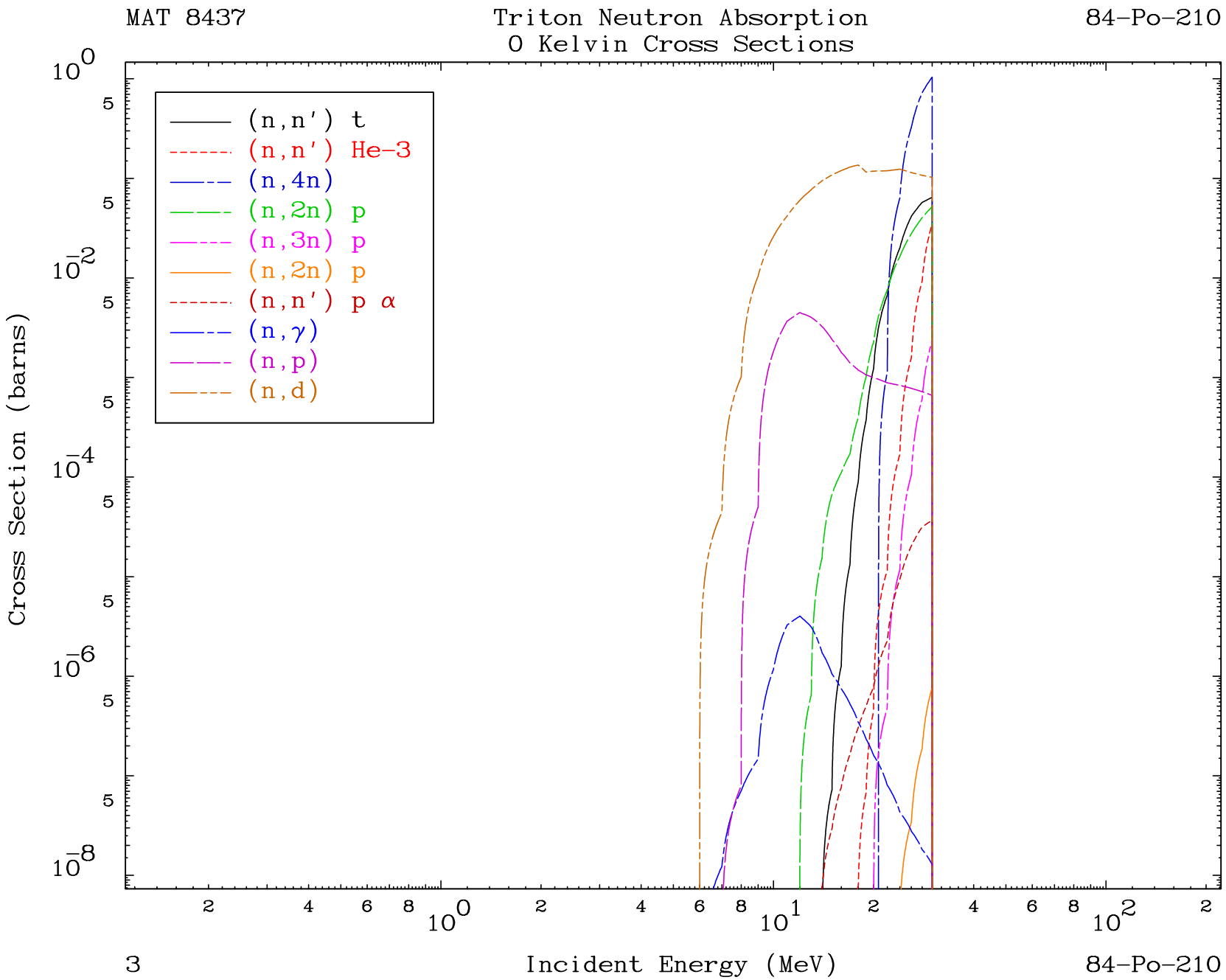
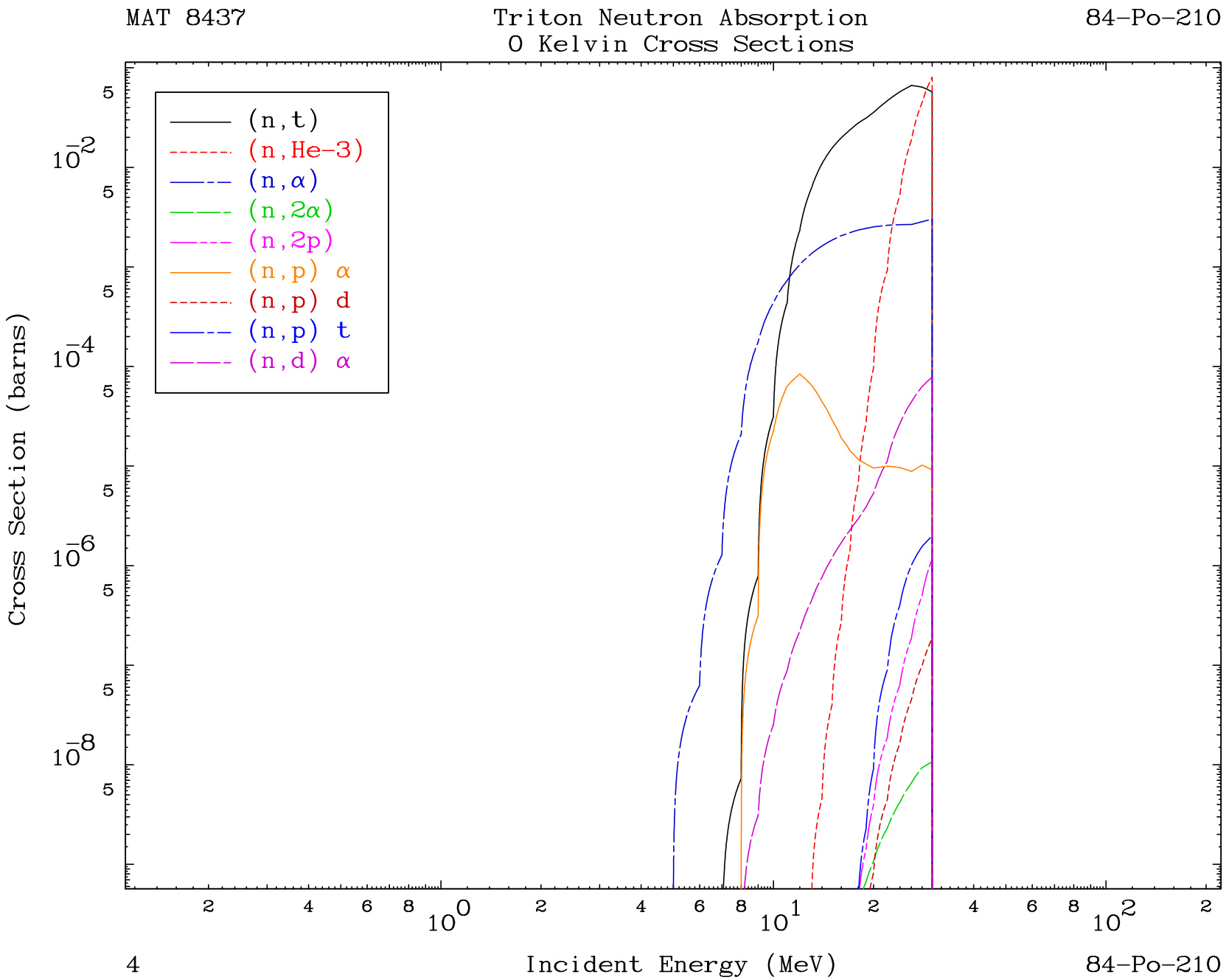
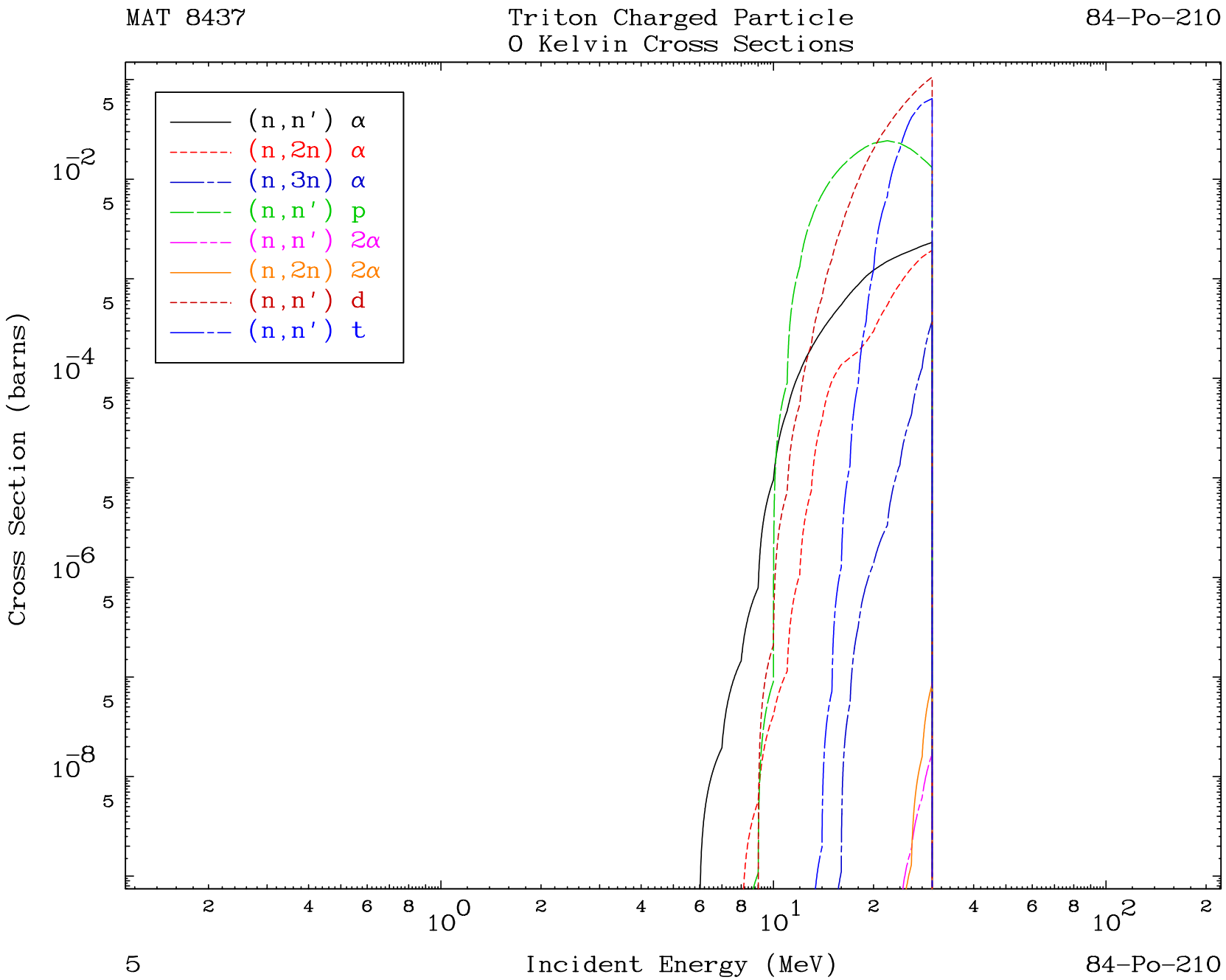
Press Mouse Button to Start

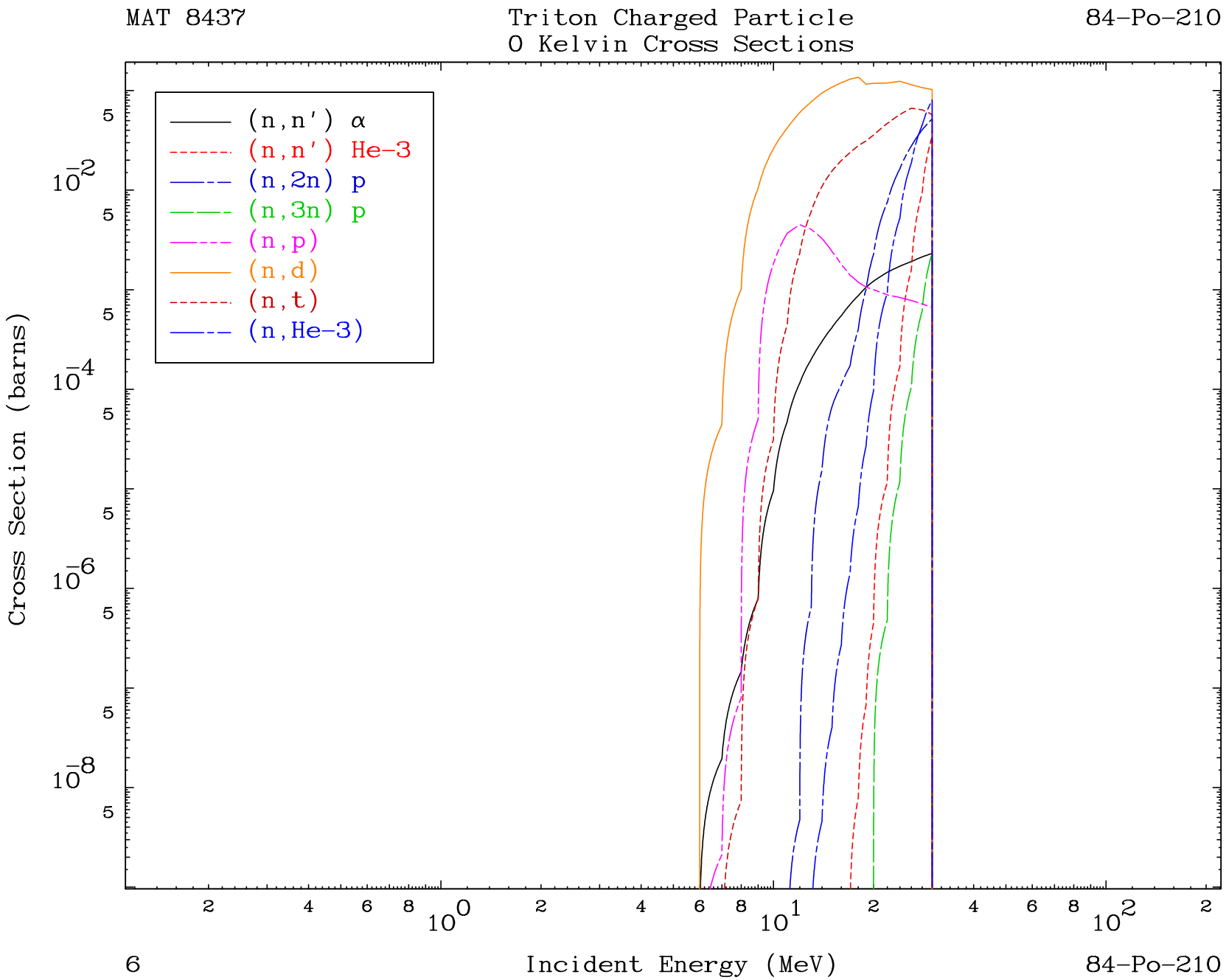

MAT 8437
Triton Major
84-Po-210
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-210
1

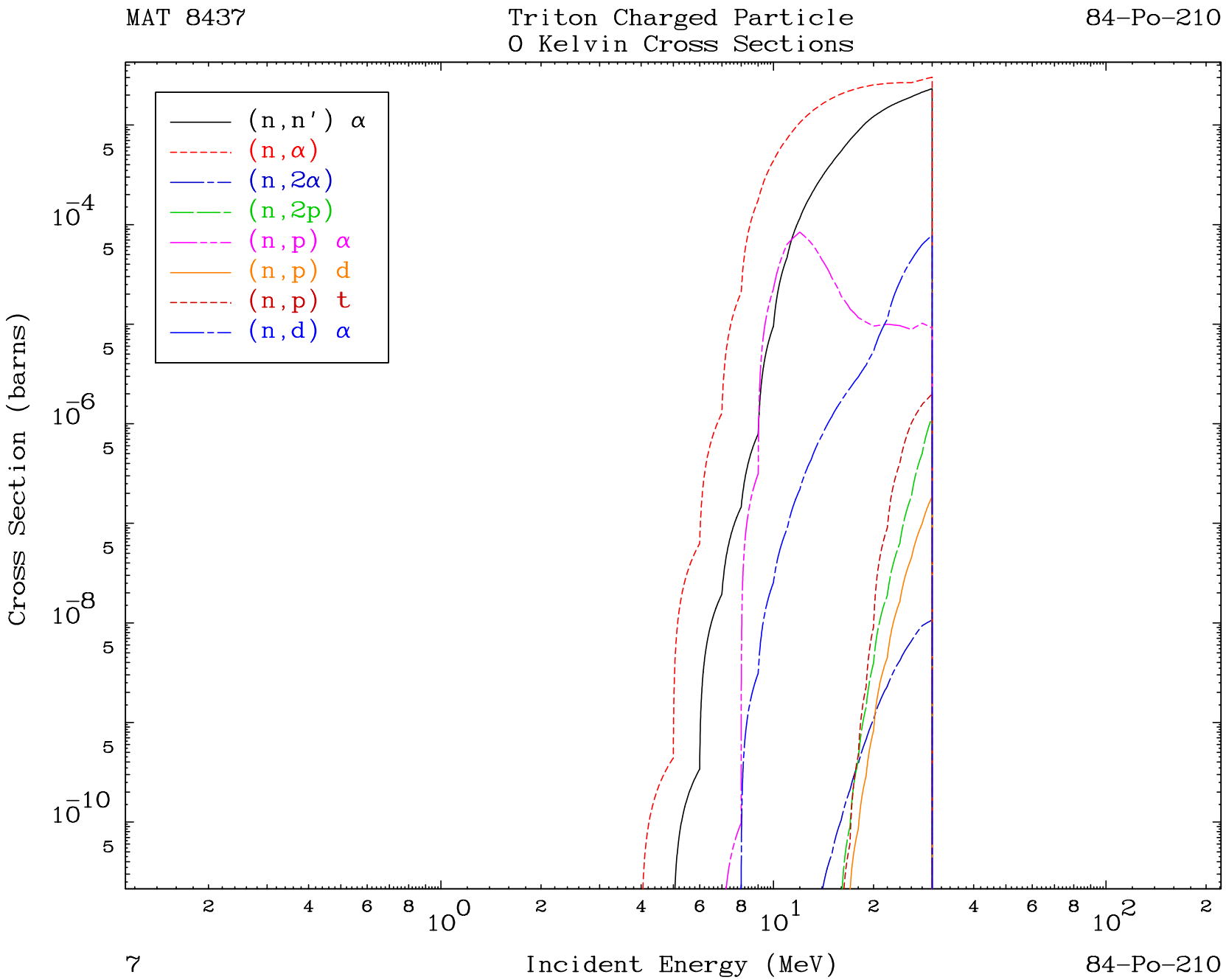

MAT 8437
Triton Neutron Absorption
0 Kelvin Cross Sections
84-Po-210
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
84-Po-210
2

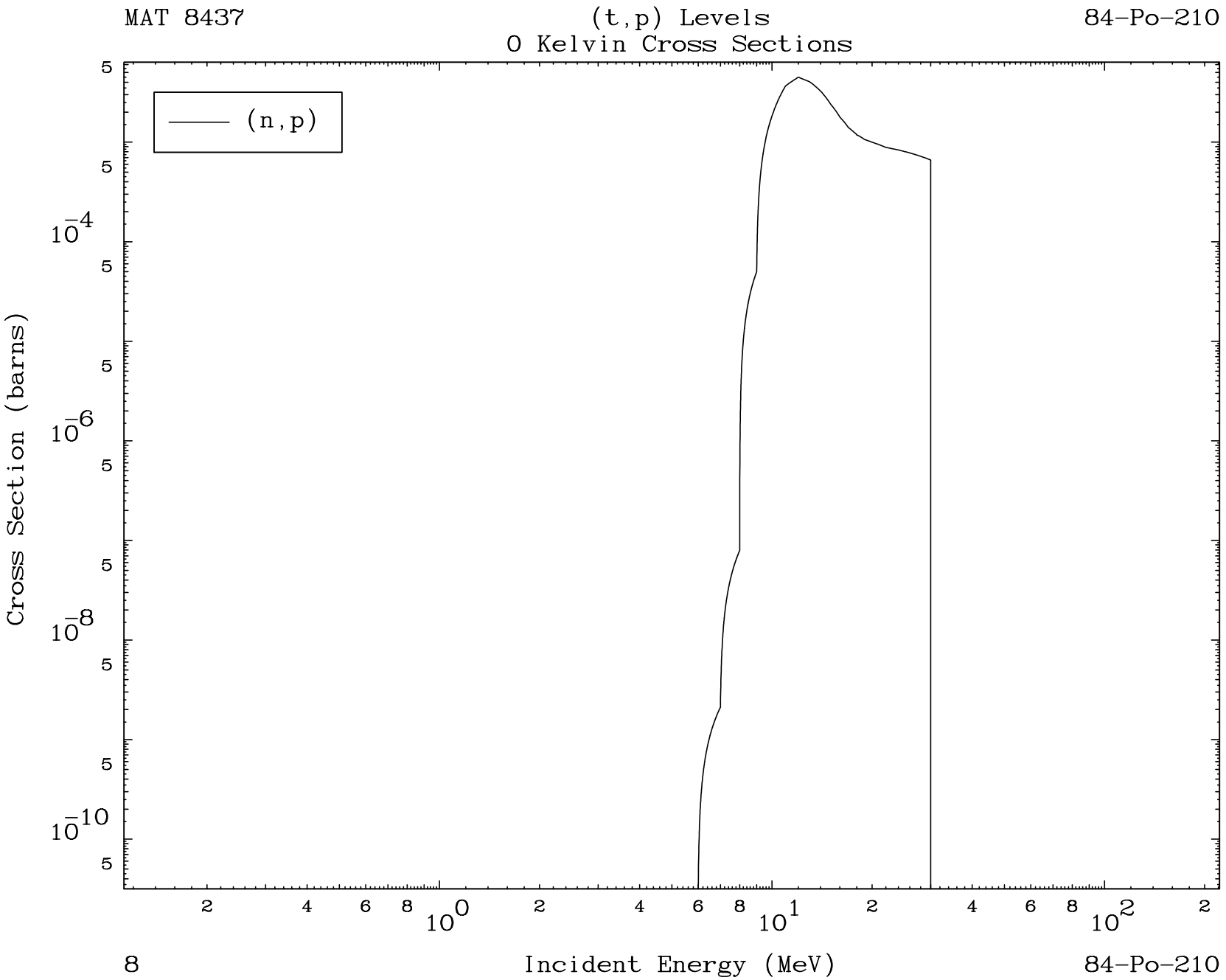

MAT 8437
Triton Neutron Absorption
0 Kelvin Cross Sections
84-Po-210
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-210

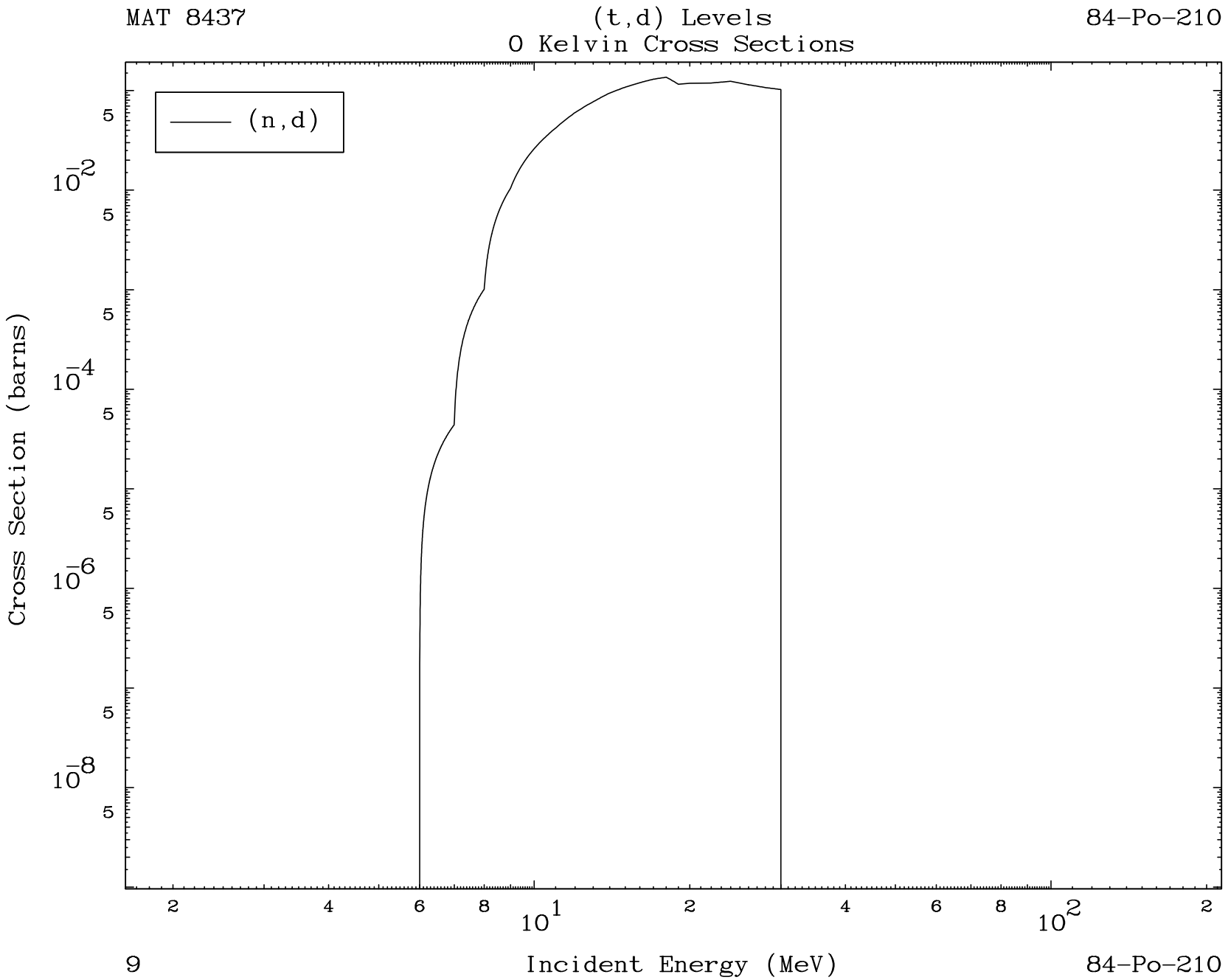

MAT 8437
Triton Neutron Absorption
0 Kelvin Cross Sections
84-Po-210
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-210

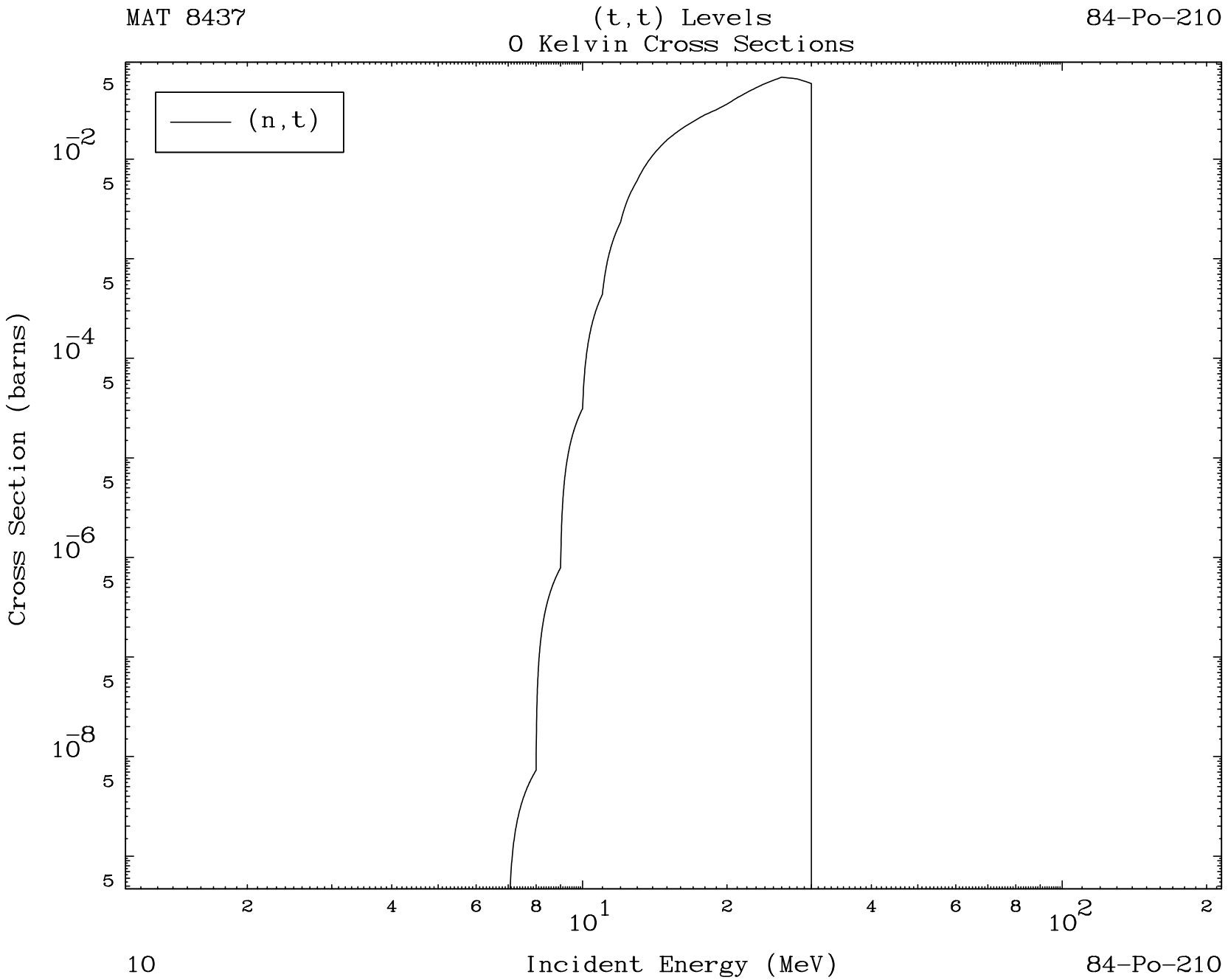

MAT 8437
Triton Charged Particle
0 Kelvin Cross Sections
84-Po-210
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
84-Po-210

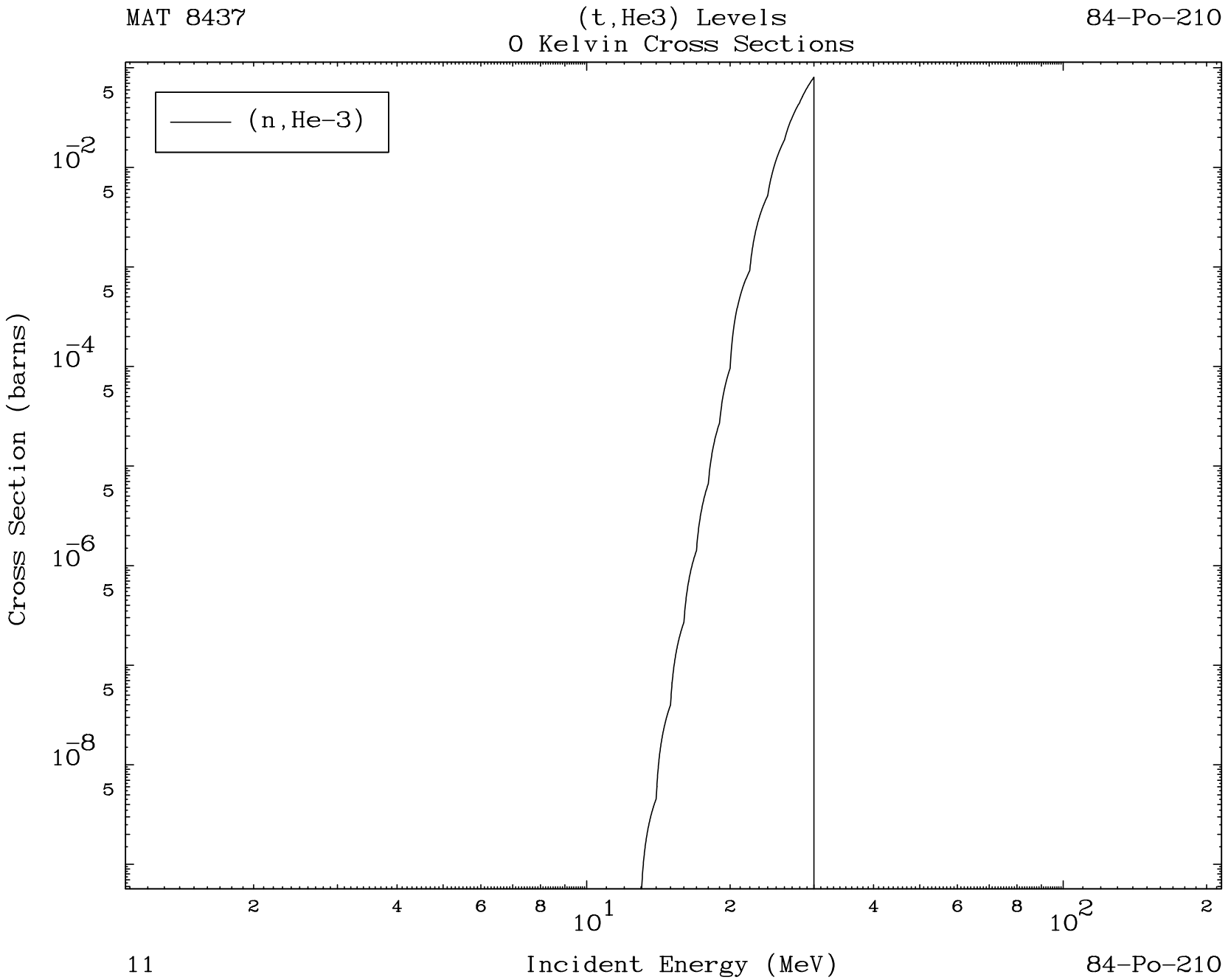

MAT 8437
Triton Charged Particle
0 Kelvin Cross Sections
84-Po-210
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
84-Po-210

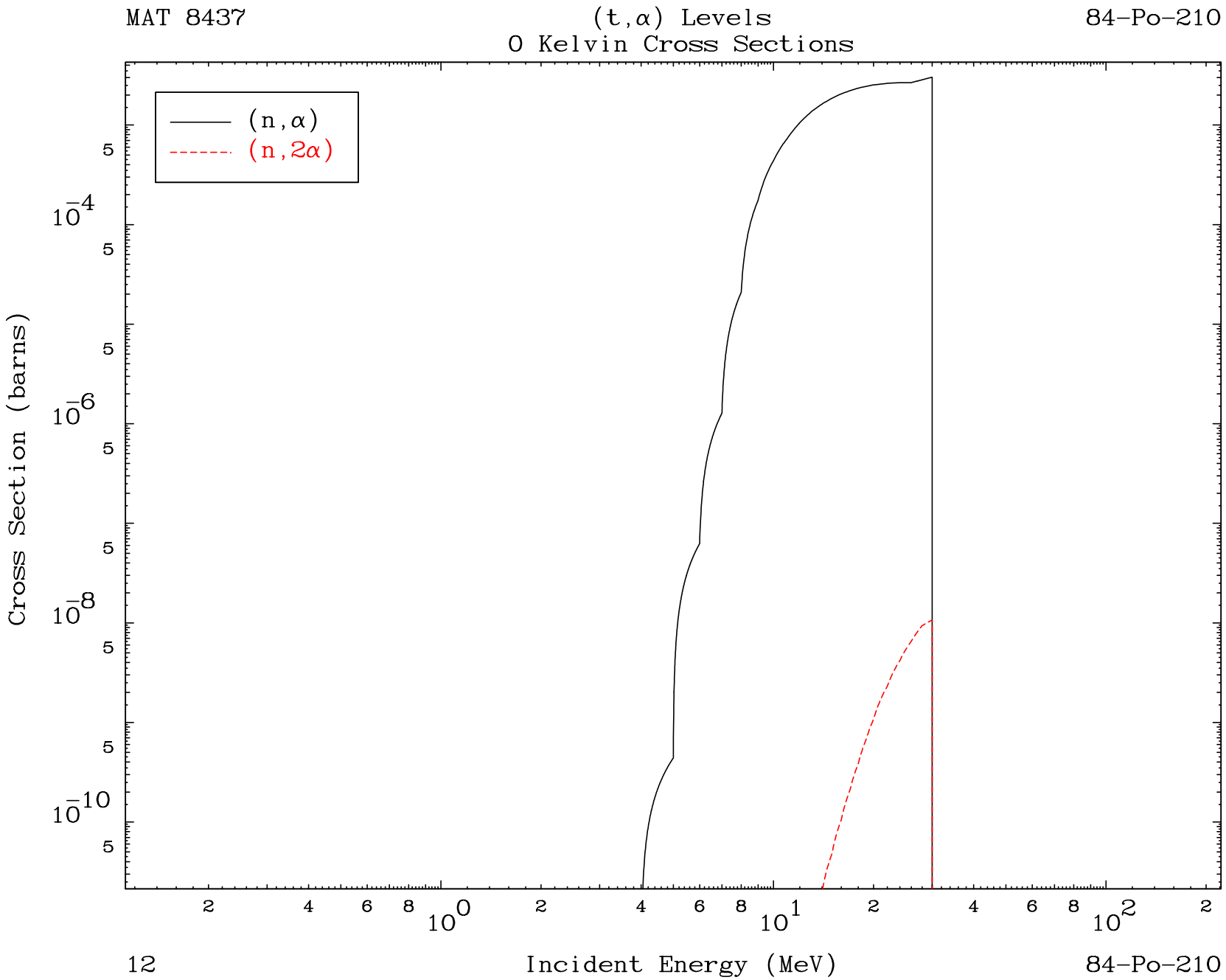

MAT 8437
Triton Charged Particle
0 Kelvin Cross Sections
84-Po-210
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
7
84-Po-210

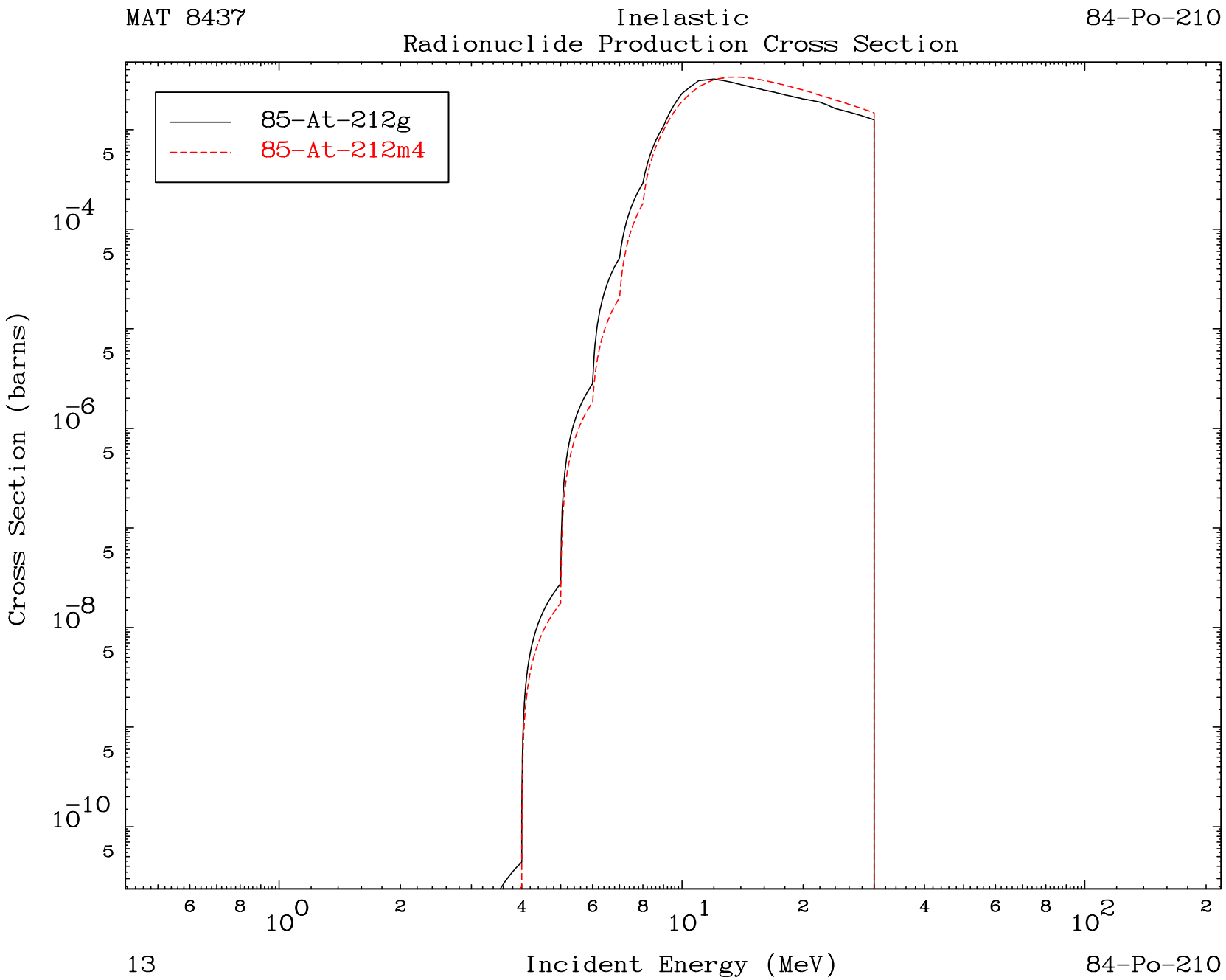

MAT 8437
(t,p) Levels
84-Po-210
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
84-Po-210

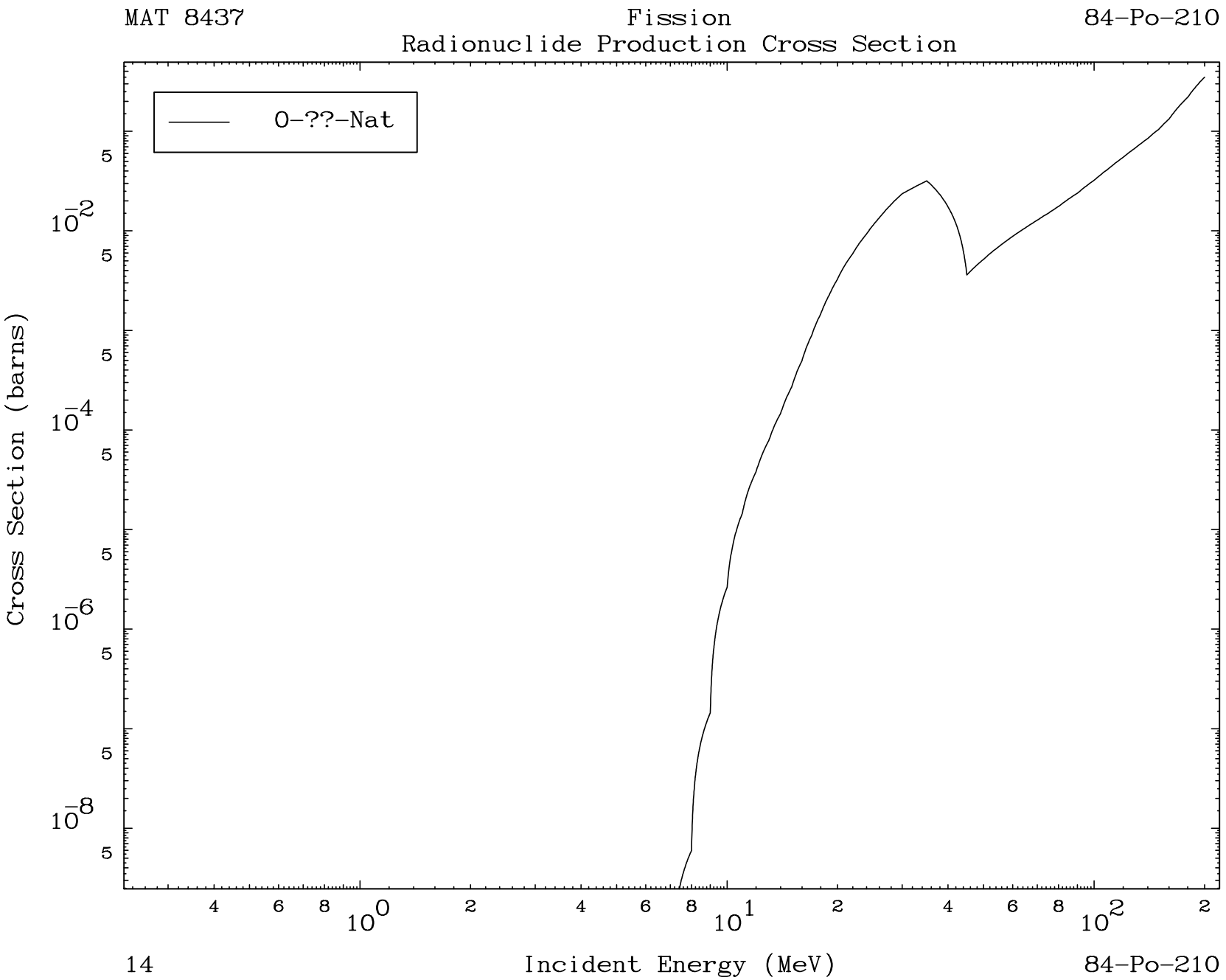

MAT 8437
(t,d) Levels
84-Po-210
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
Incident Energy (MeV)
9
84-Po-210

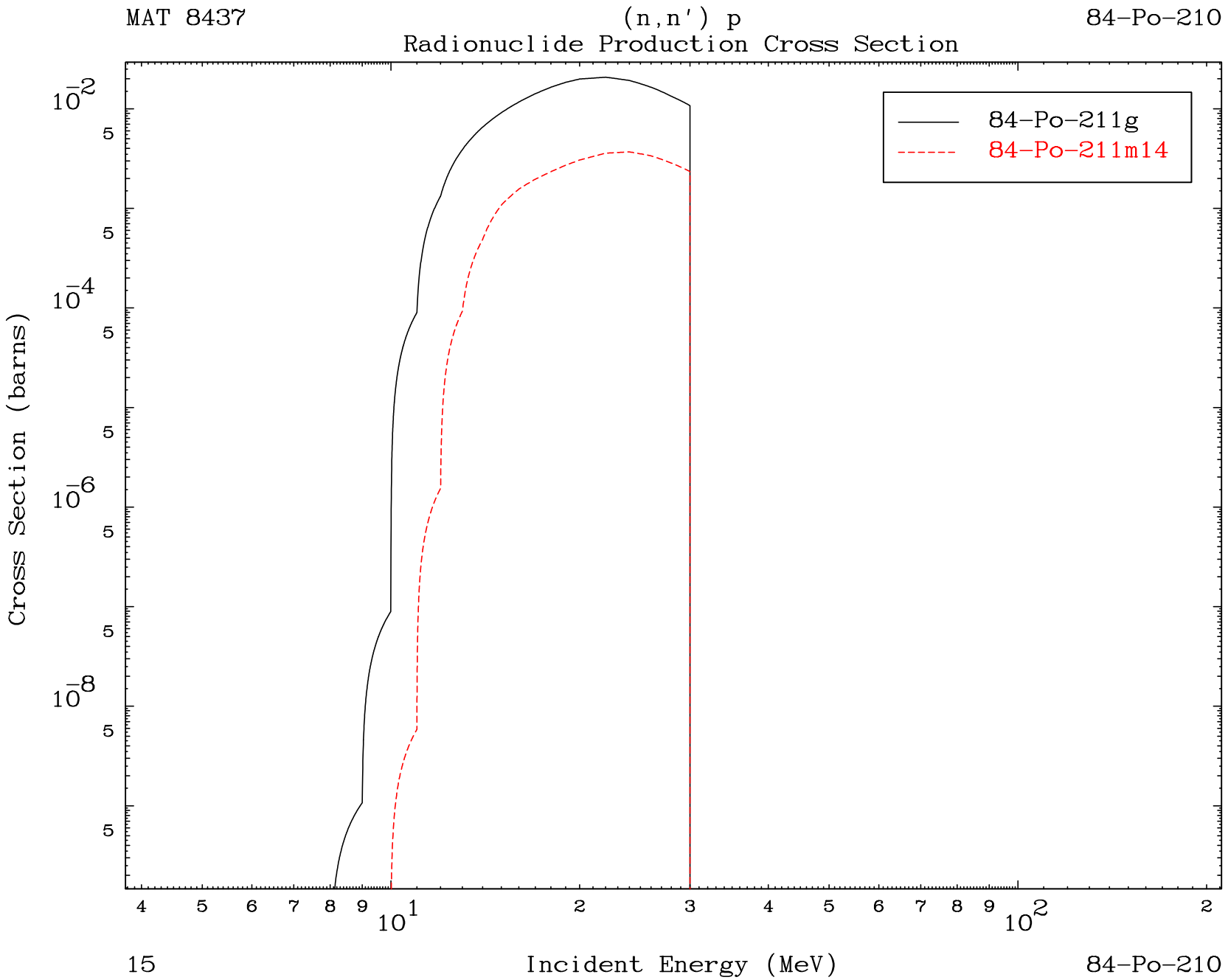

MAT 8437
(t,t) Levels
84-Po-210
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
2
4
6
8
10^1
10^2
10
Incident Energy (MeV)
84-Po-210

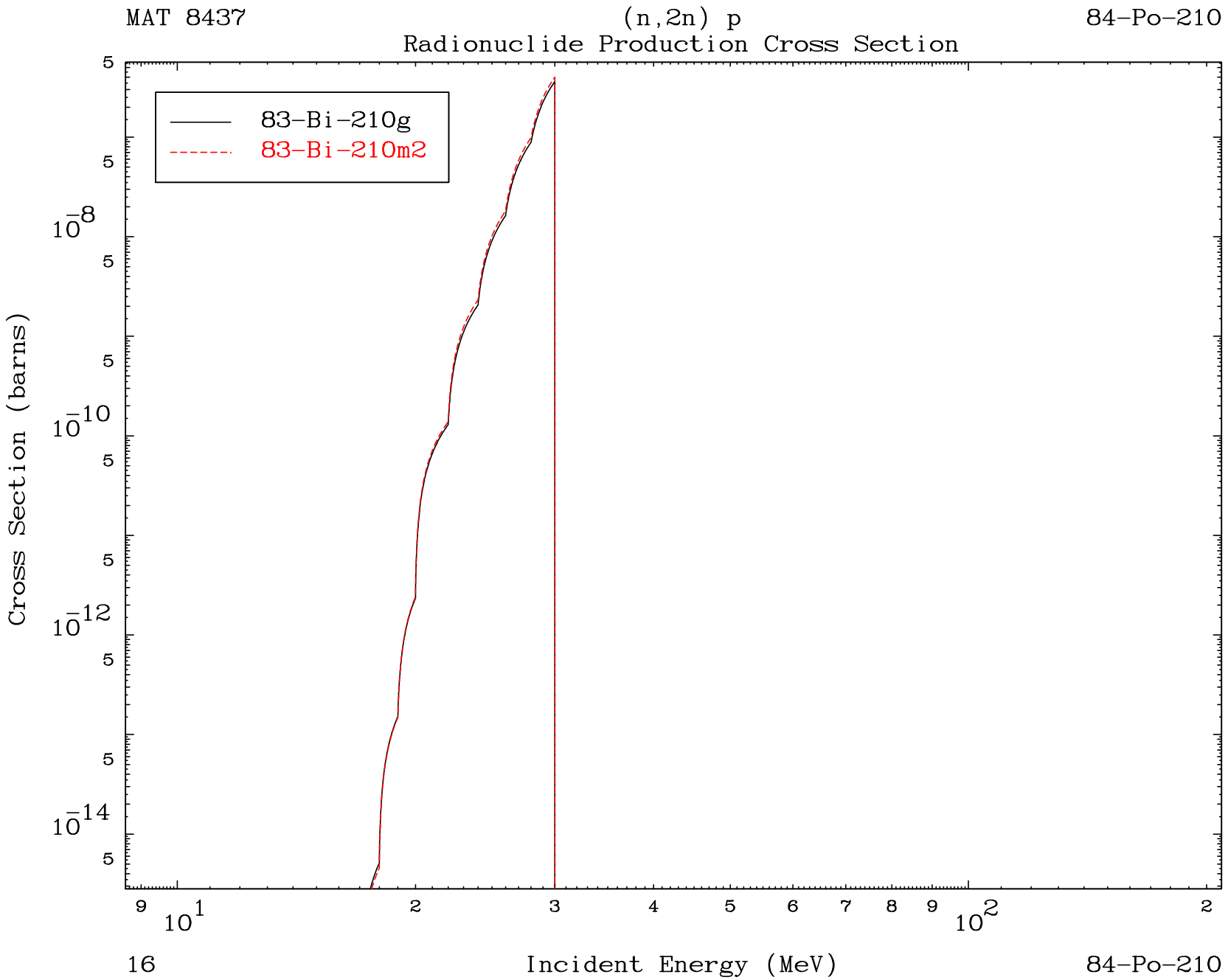

MAT 8437
(t,He3) Levels
84-Po-210
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
10 1
10 2
11
Incident Energy (MeV)
84-Po-210

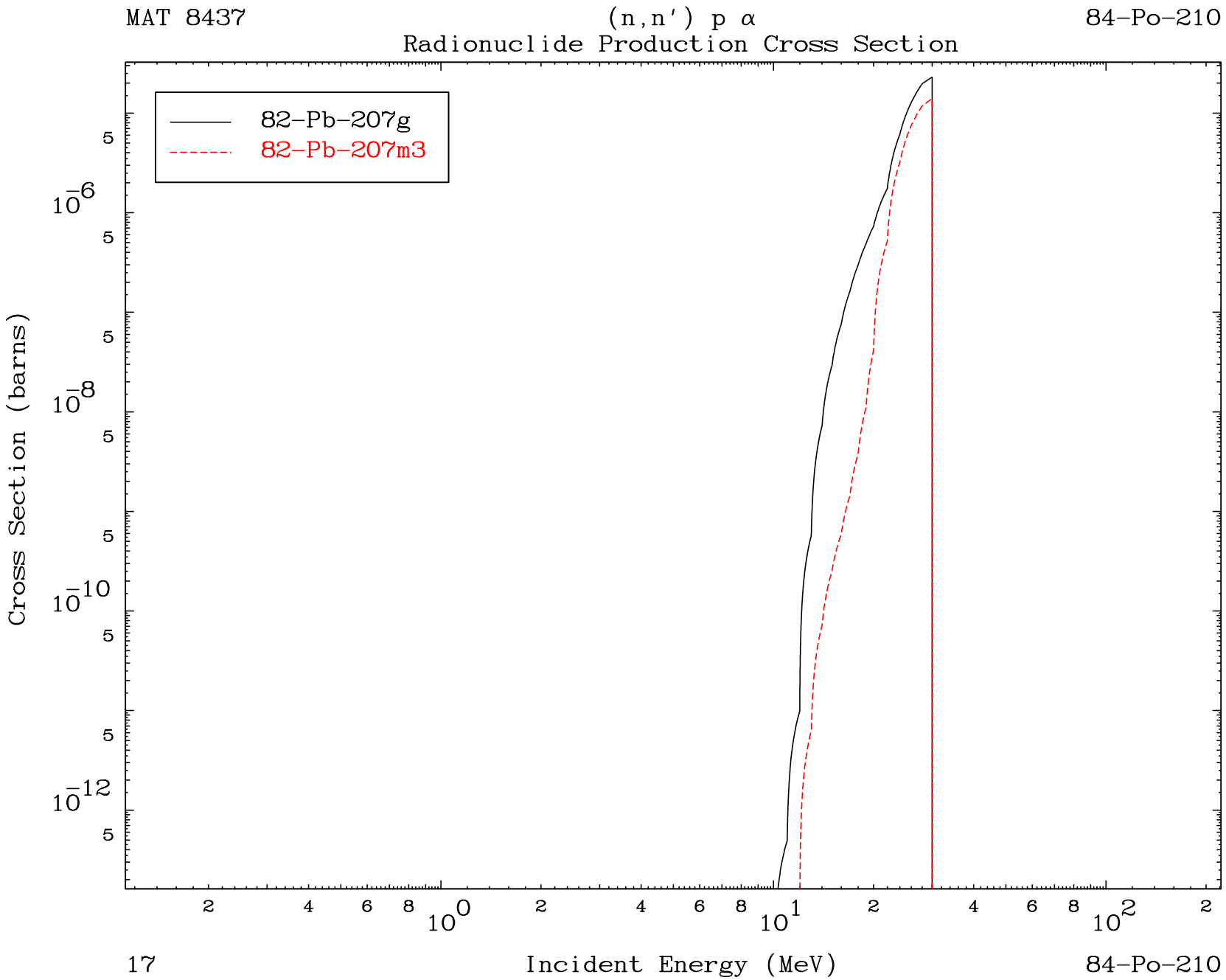

MAT 8437
(t,α) Levels
84-Po-210
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
12
84-Po-210

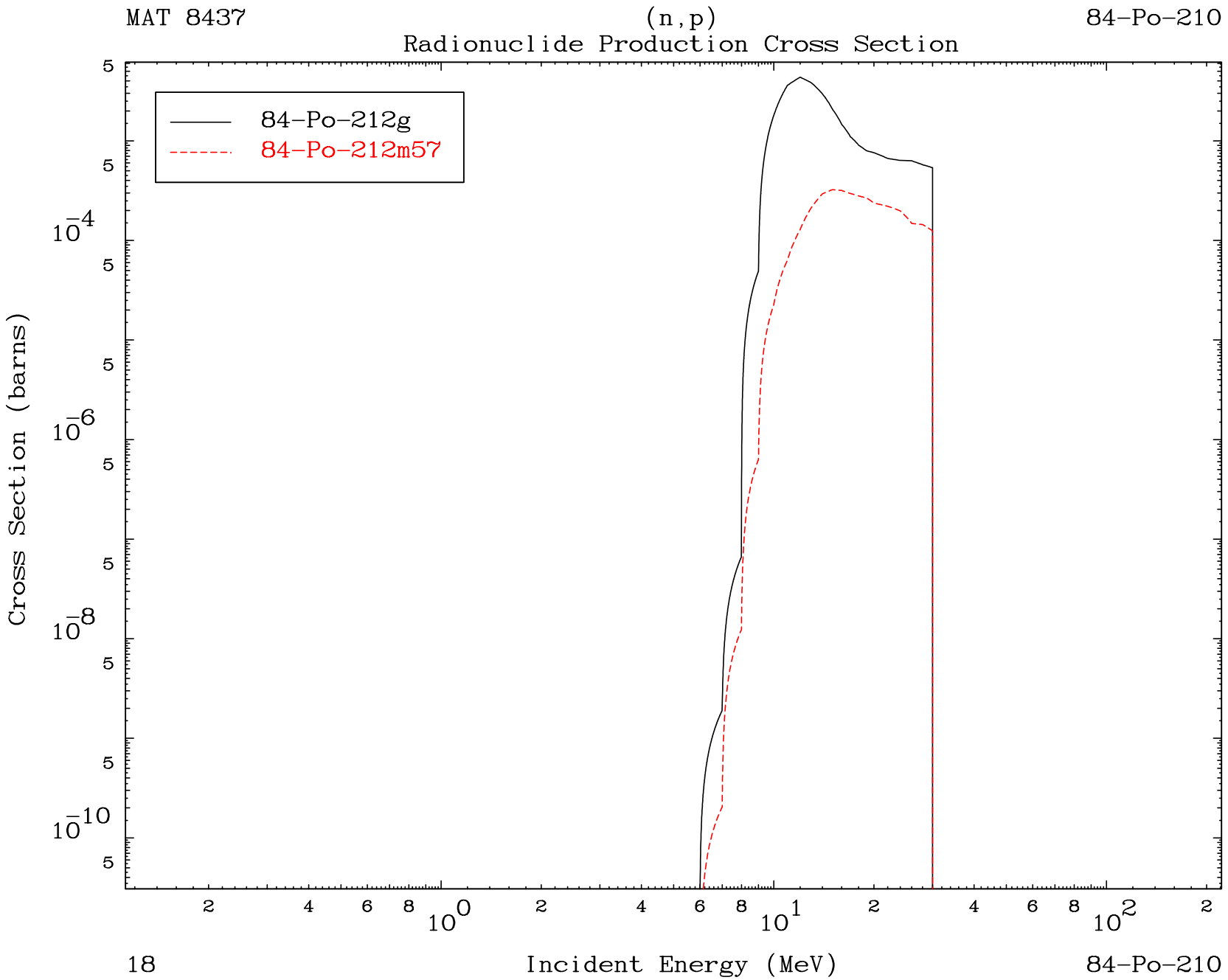

MAT 8437
Inelastic
84-Po-210
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
13
Incident Energy (MeV)
84-Po-210

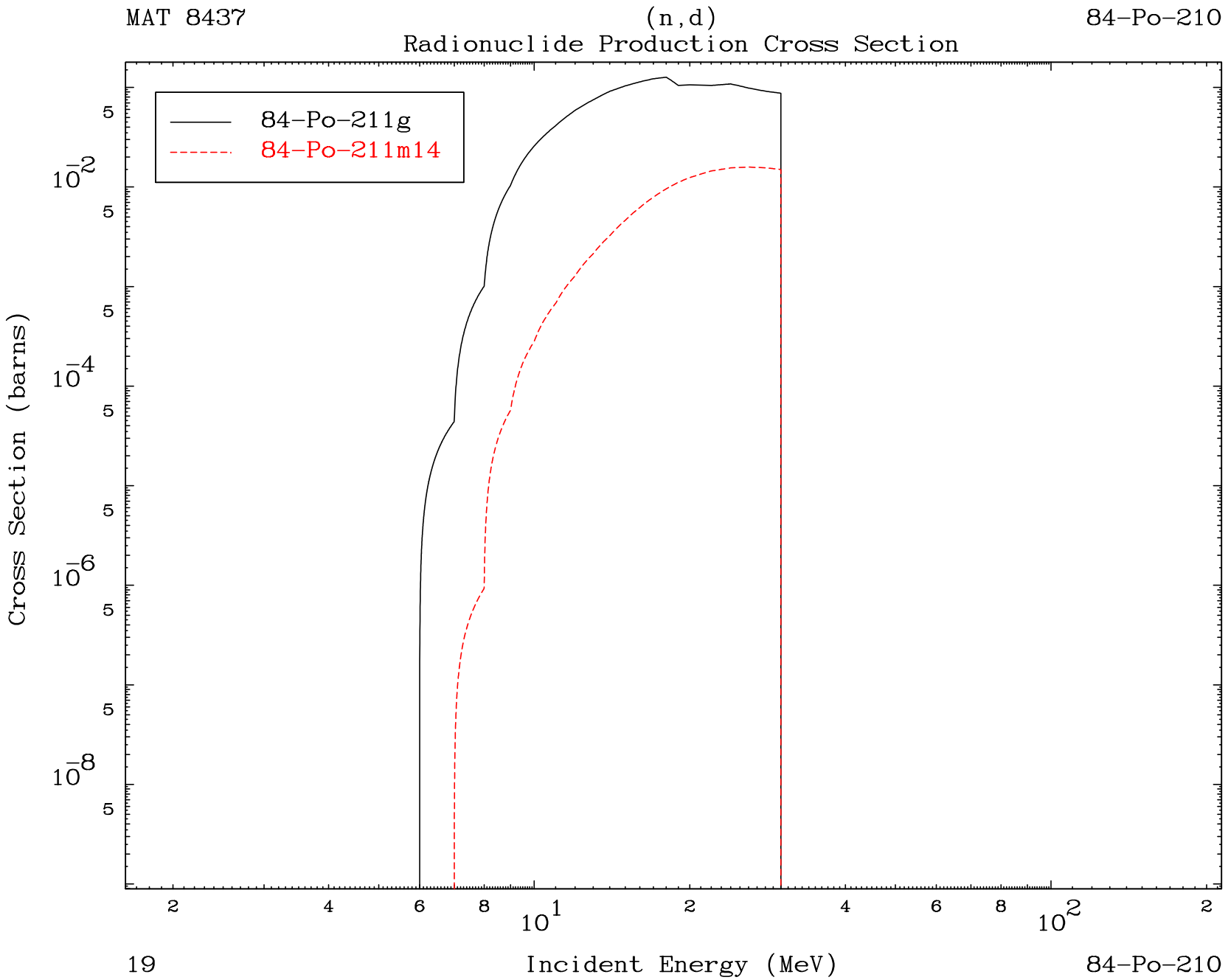

MAT 8437
Fission
84-Po-210
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
100
2
101
102
14
Incident Energy (MeV)
84-Po-210

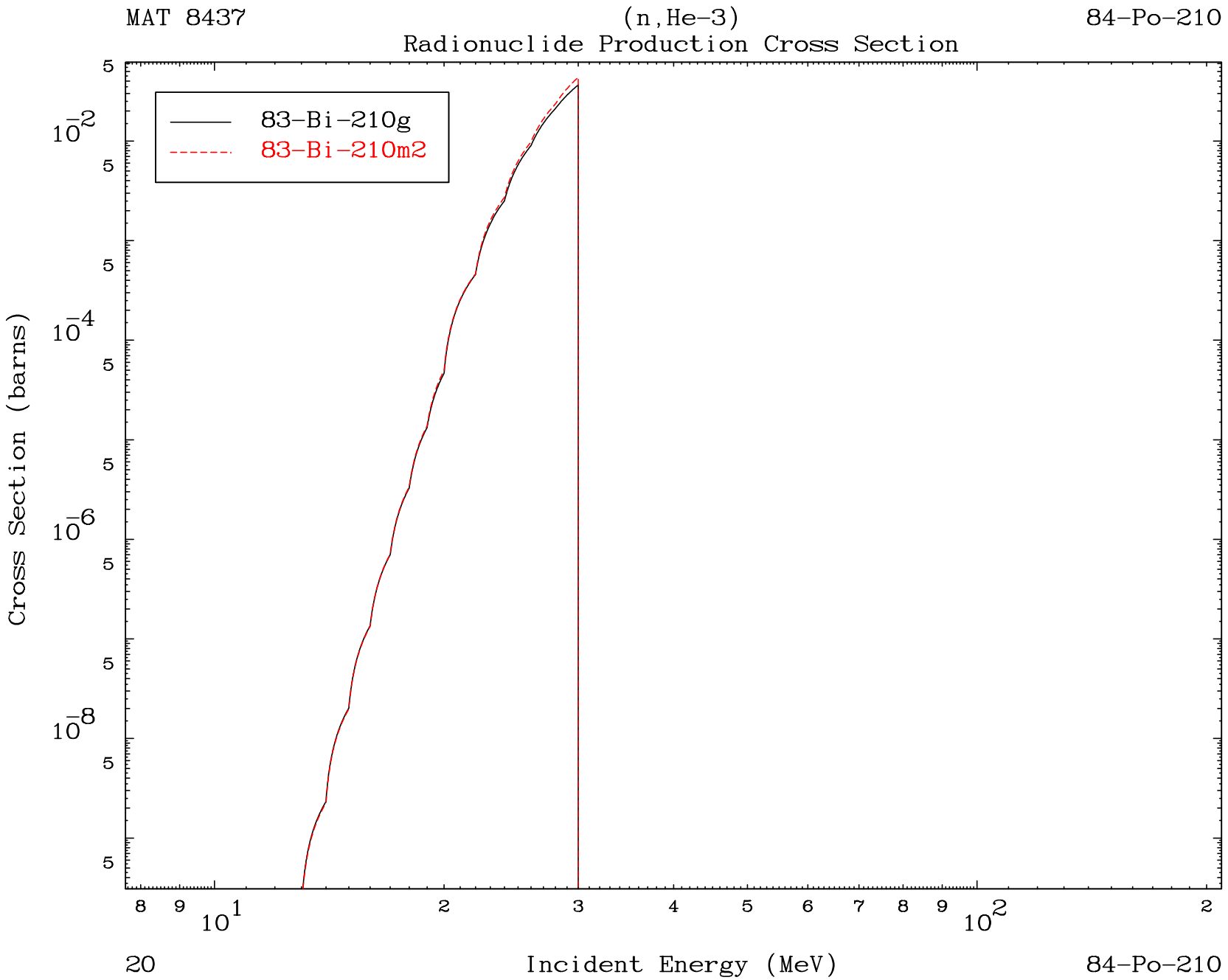

MAT 8437
(n,n') p
84-Po-210
Radionuclide Production Cross Section
84-Po-211g
84-Po-211m14
Cross Section (barns)
Incident Energy (MeV)
15
84-Po-210

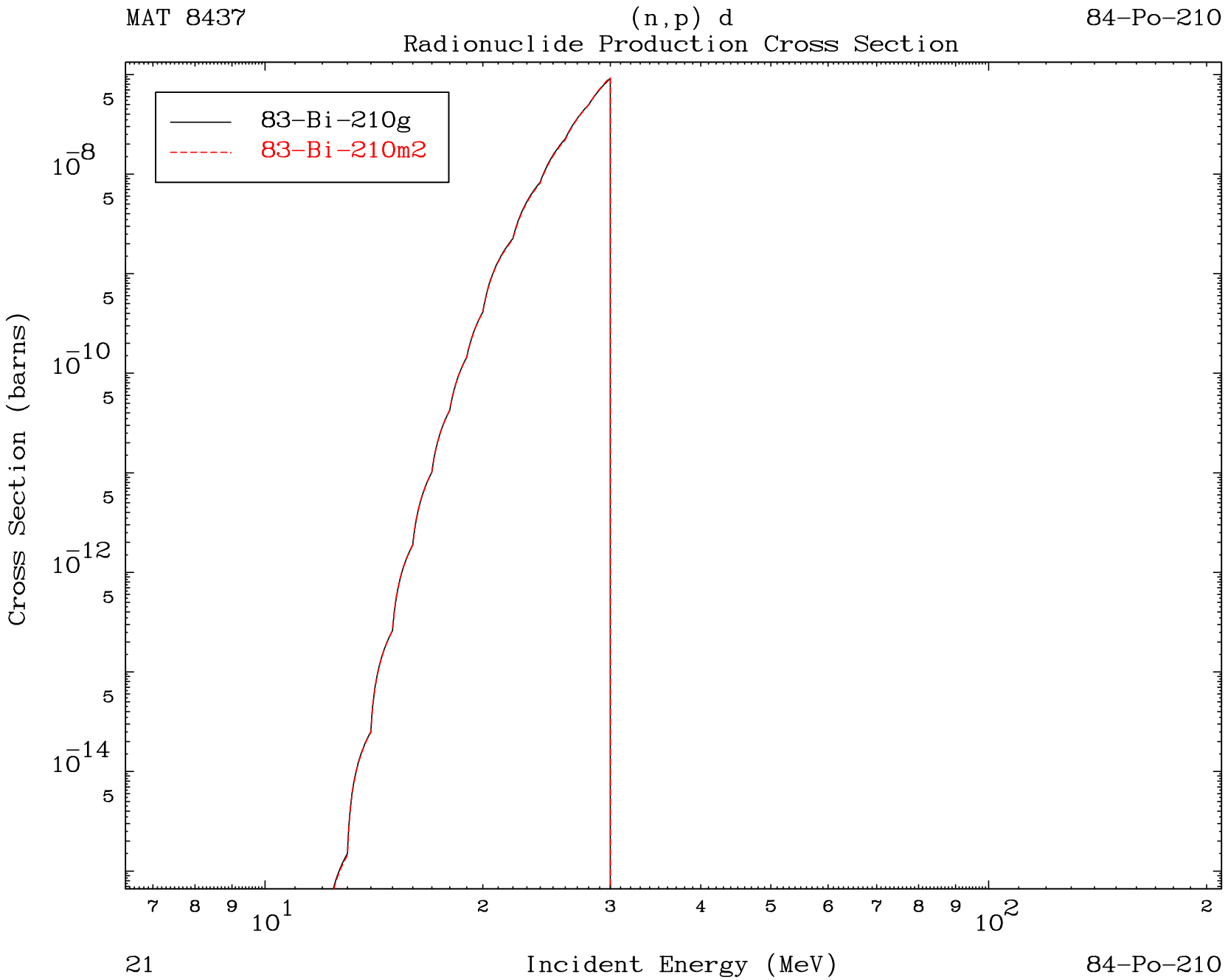

MAT 8437
(n,2n) p
84-Po-210
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
Incident Energy (MeV)
16
84-Po-210

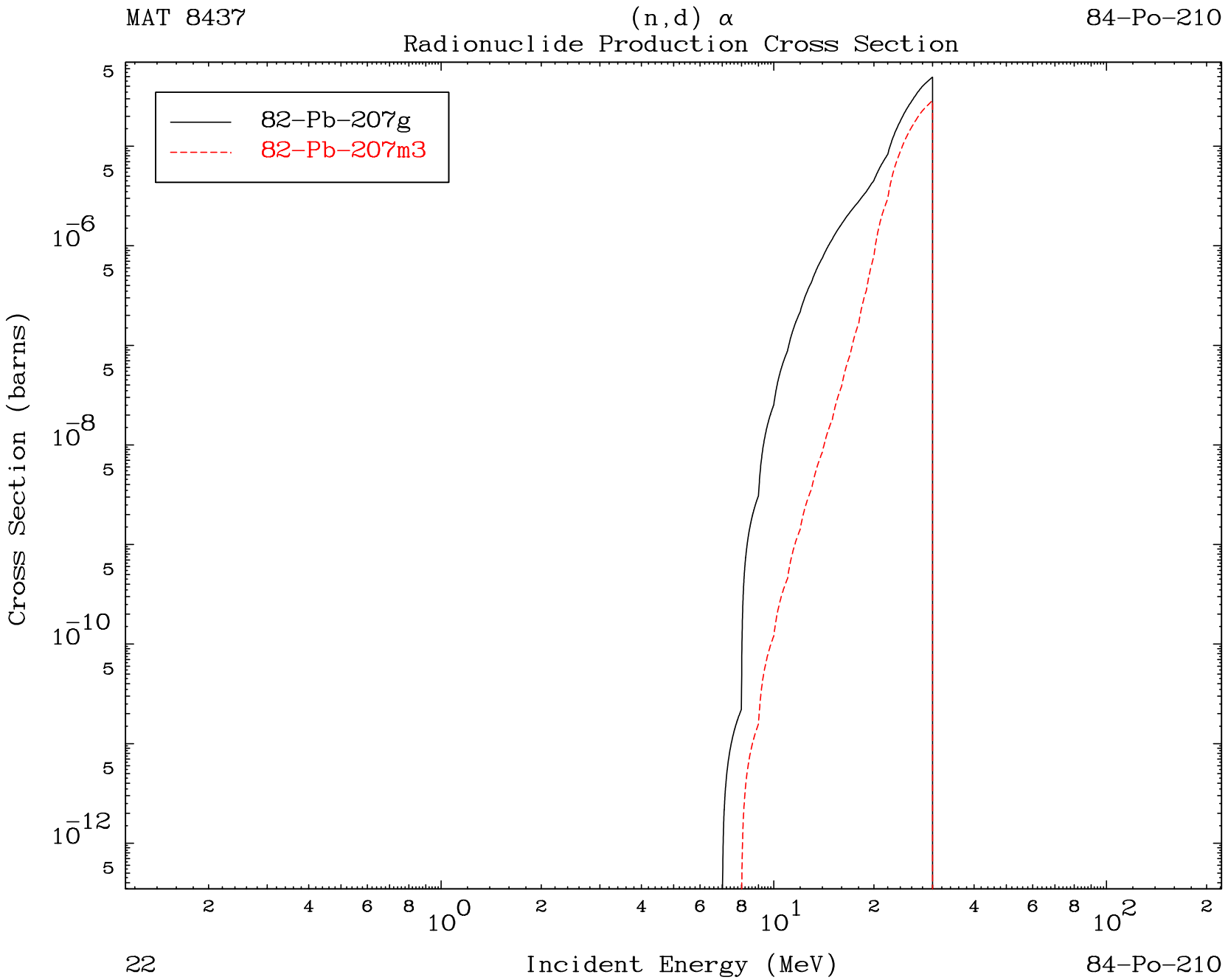

MAT 8437
(n,n') p α
84-Po-210
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^0
10^1
10^2
Incident Energy (MeV)
17
84-Po-210


MAT 8437
(n,p)
84-Po-210
Radionuclide Production Cross Section
84-Po-212g
84-Po-212m57
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-210


MAT 8437
(n,d)
84-Po-210
Radionuclide Production Cross Section
84-Po-211g
84-Po-211m14
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
101
102
19
Incident Energy (MeV)
84-Po-210


MAT 8437
(n,He-3)
84-Po-210
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
Incident Energy (MeV)
20
84-Po-210


MAT 8437
(n,p) d
84-Po-210
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
10-8
10-10
10-12
10-14
5
7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
21
Incident Energy (MeV)
84-Po-210


MAT 8437
(n,d) α
84-Po-210
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
Incident Energy (MeV)
22
84-Po-210