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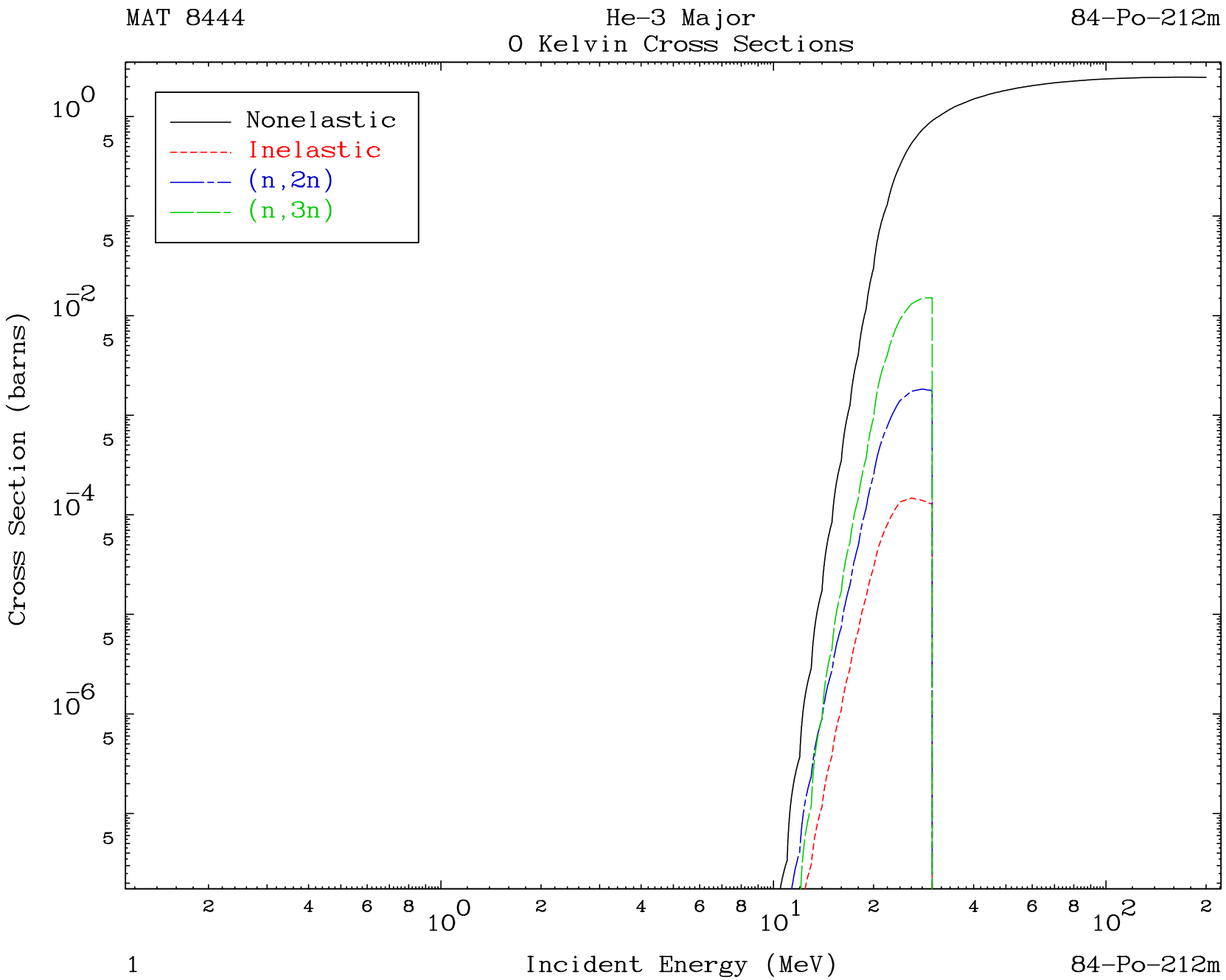
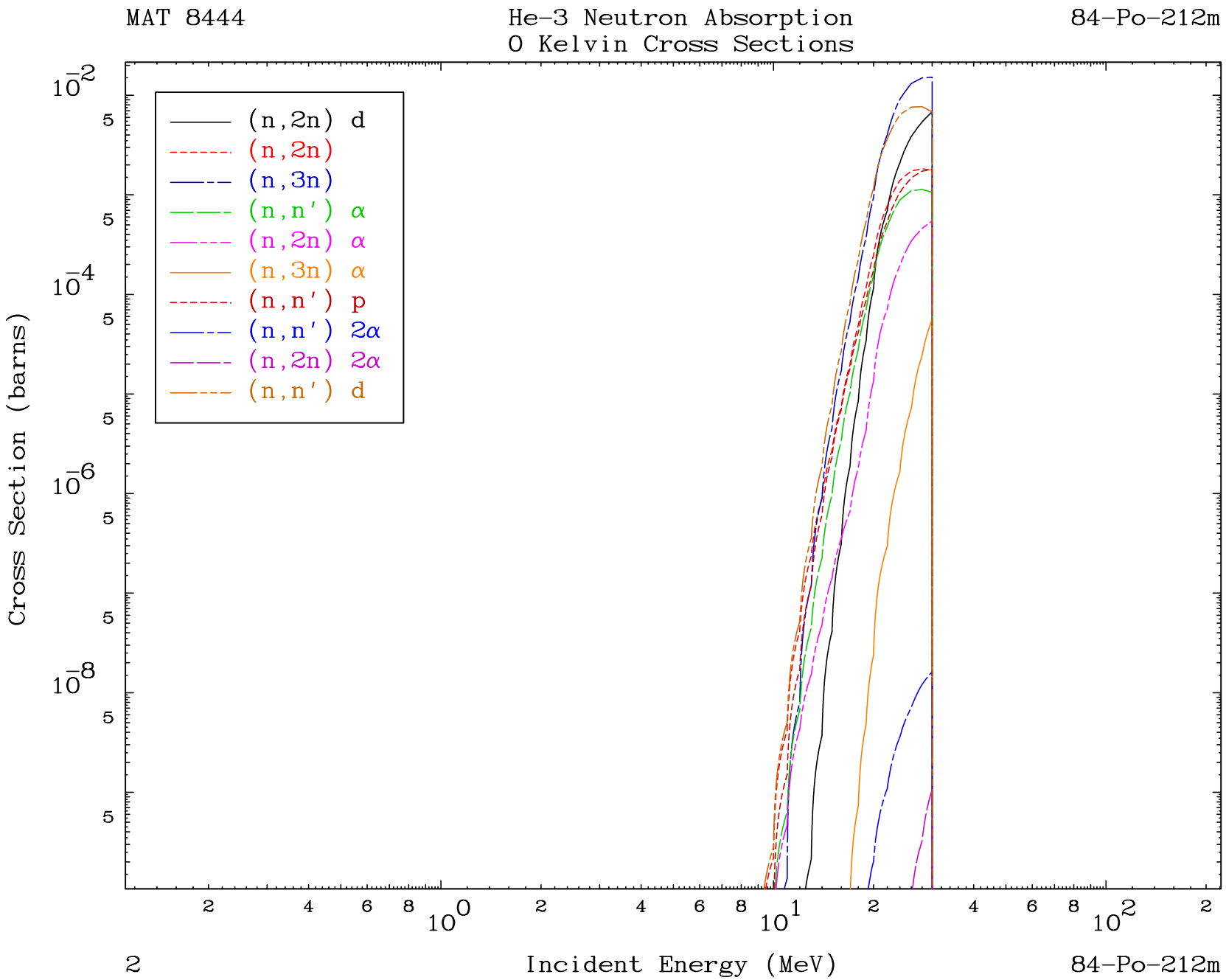
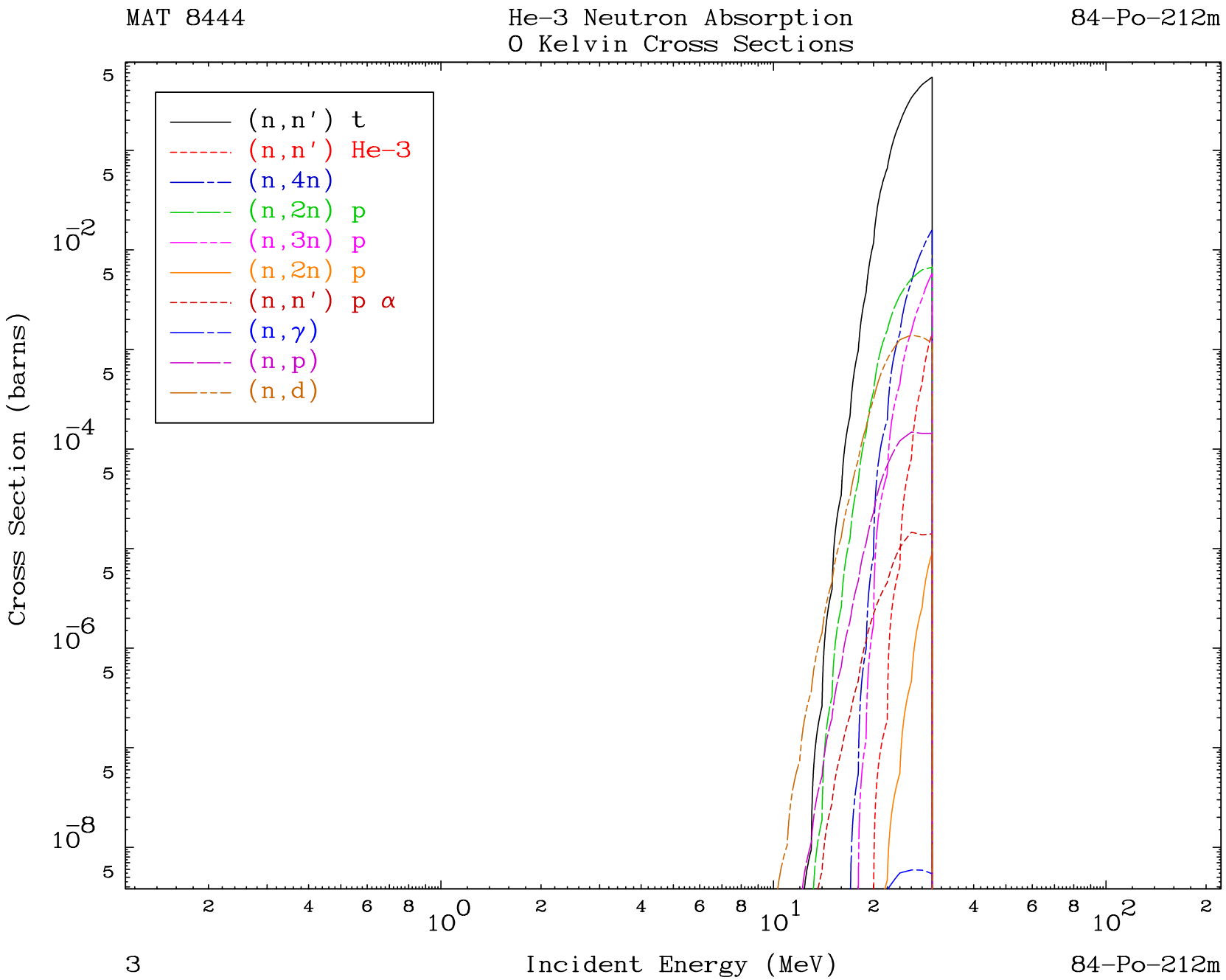
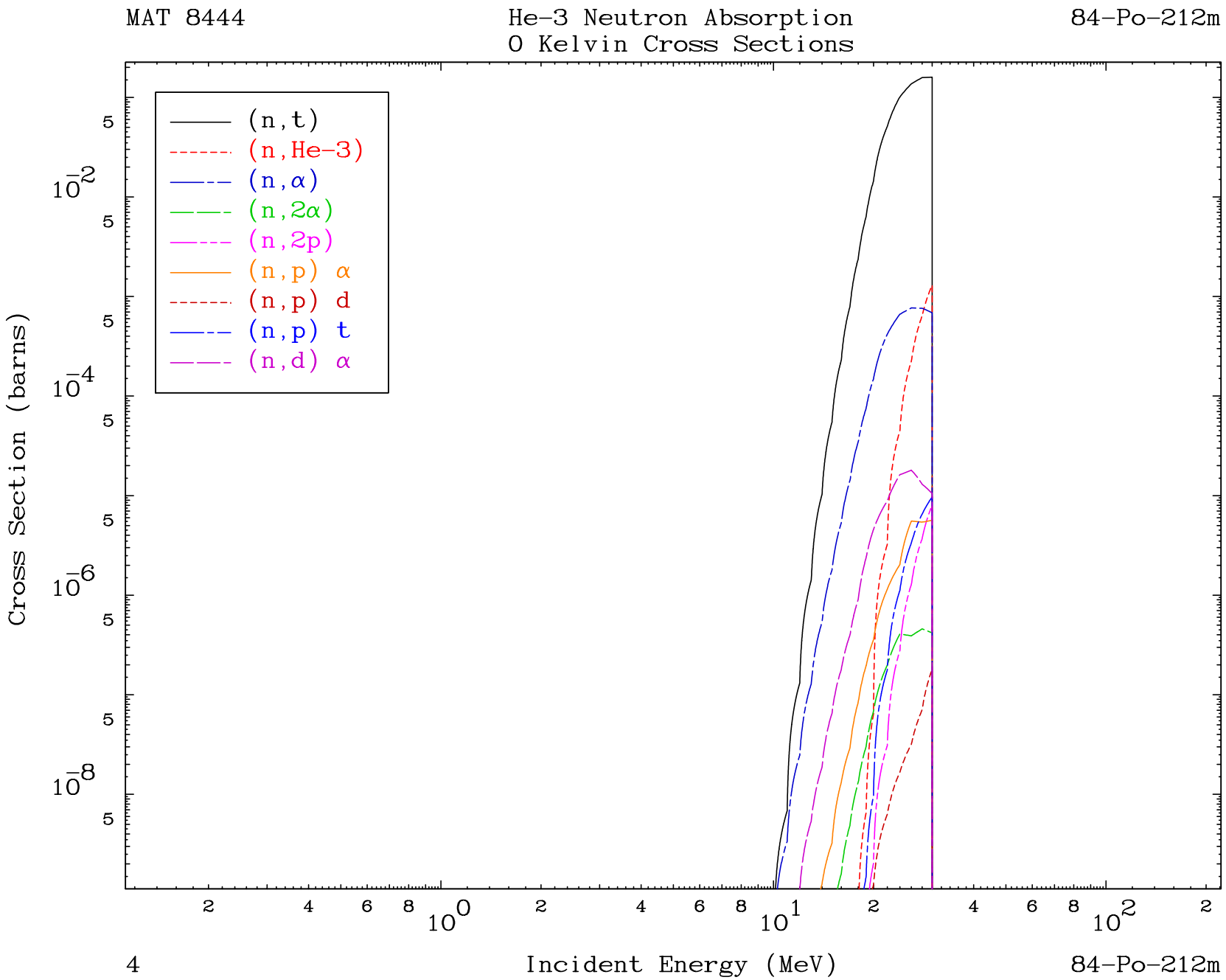
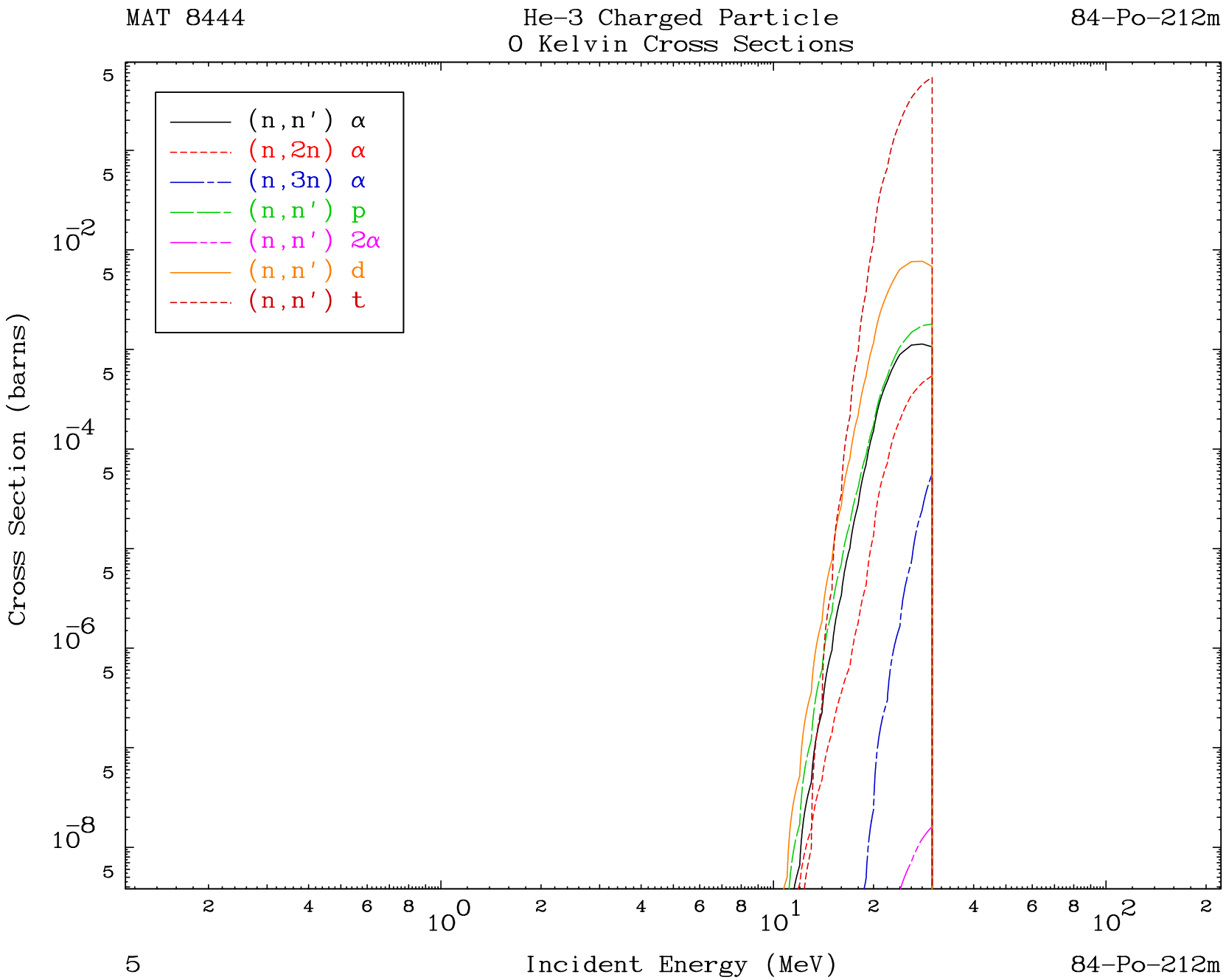
Press Mouse Button to Start

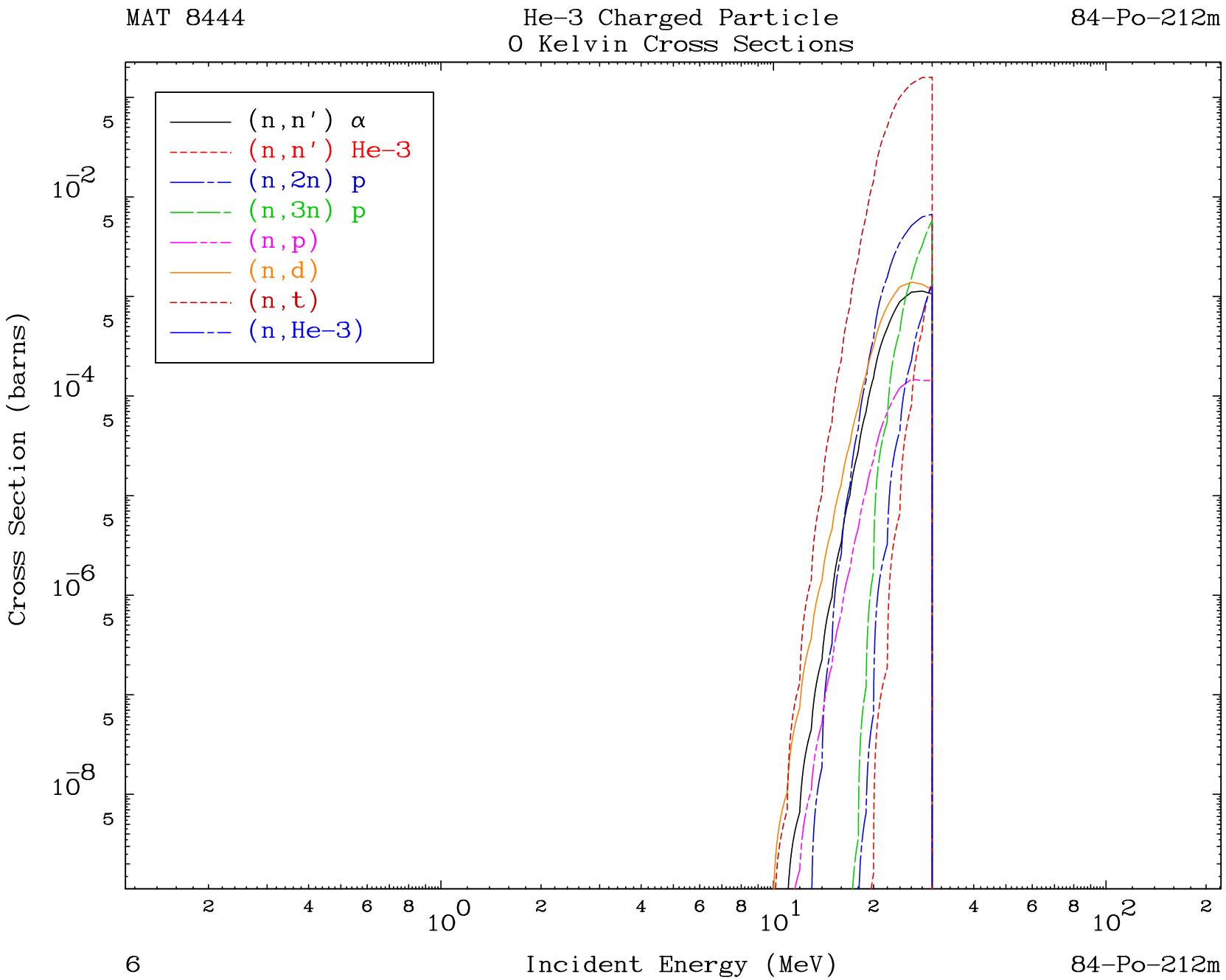

MAT 8444
He-3 Major
84-Po-212m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
84-Po-212m

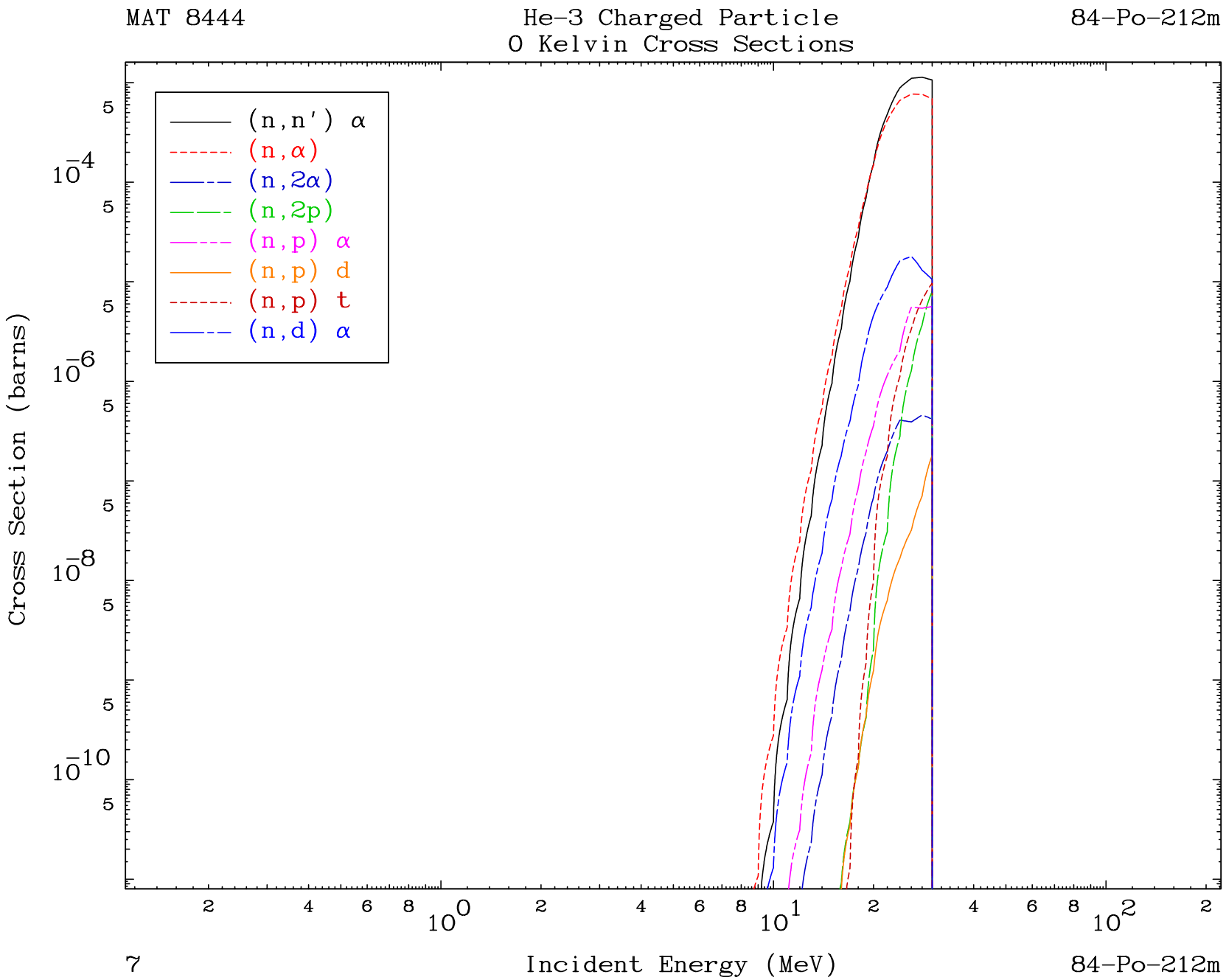

MAT 8444
He-3 Neutron Absorption
0 Kelvin Cross Sections
84-Po-212m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
84-Po-212m

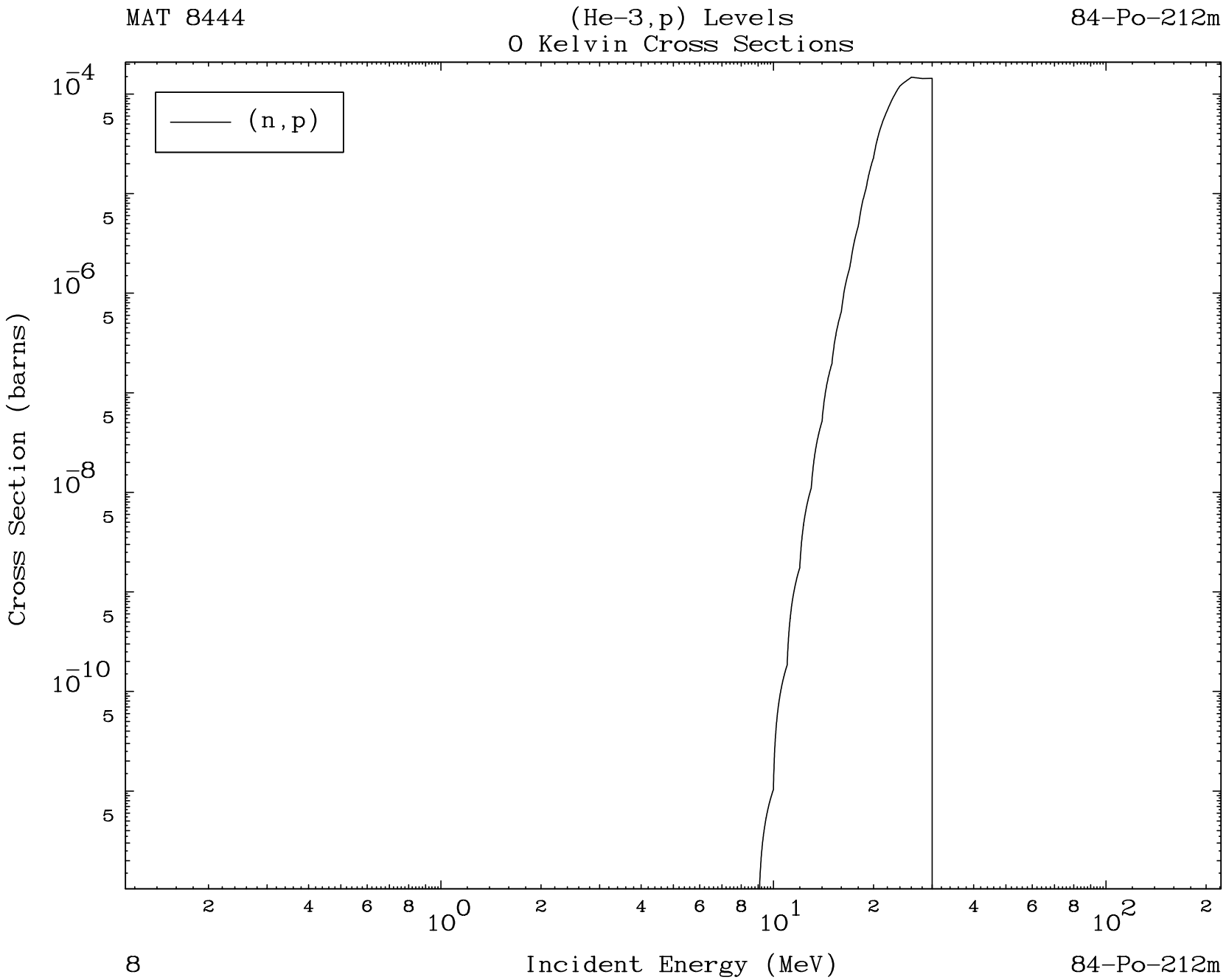

MAT 8444
He-3 Neutron Absorption
0 Kelvin Cross Sections
84-Po-212m
(n,n') t
(n,n') He-3
(n,4n)
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-212m

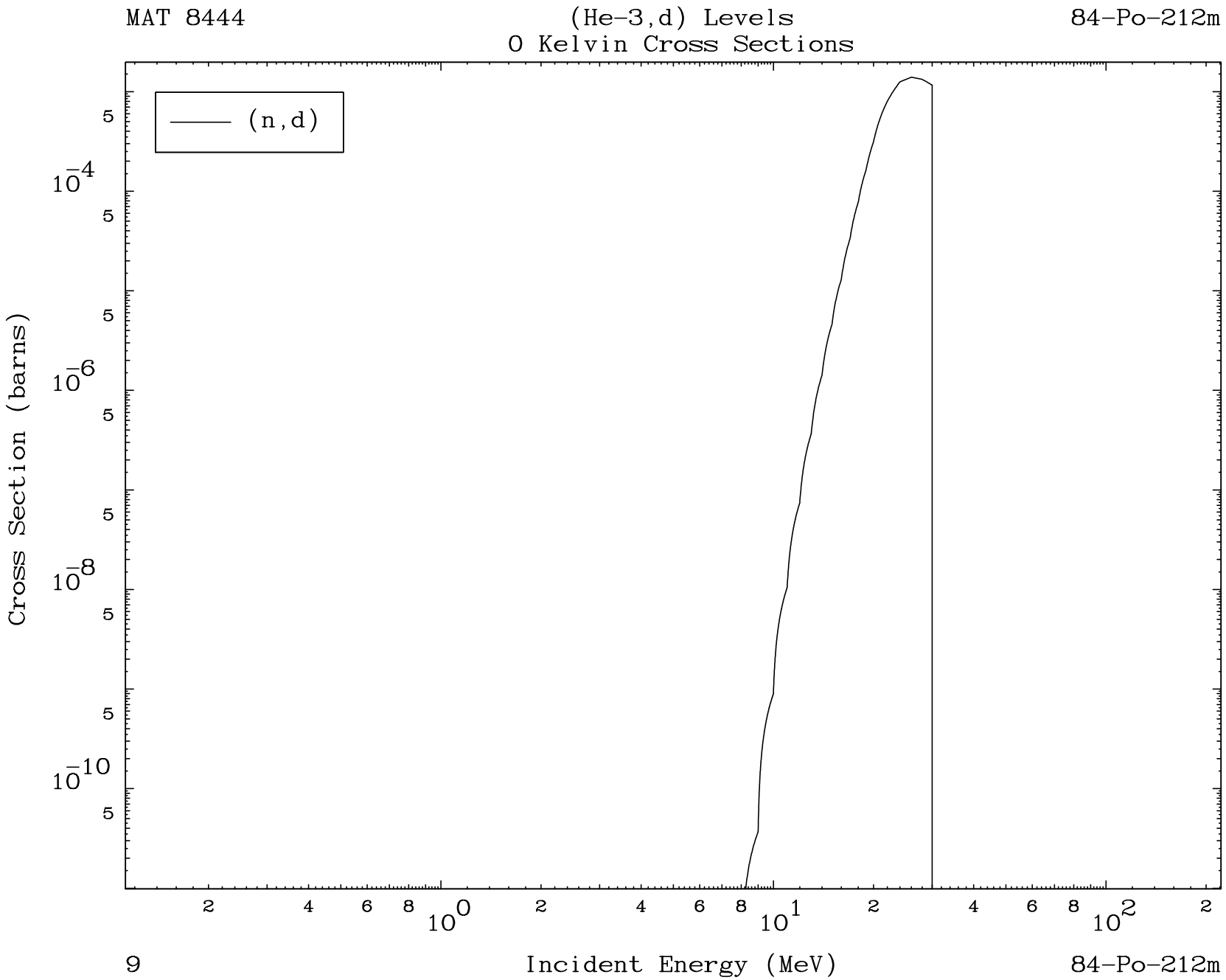

MAT 8444
He-3 Neutron Absorption
0 Kelvin Cross Sections
84-Po-212m
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-212m
4

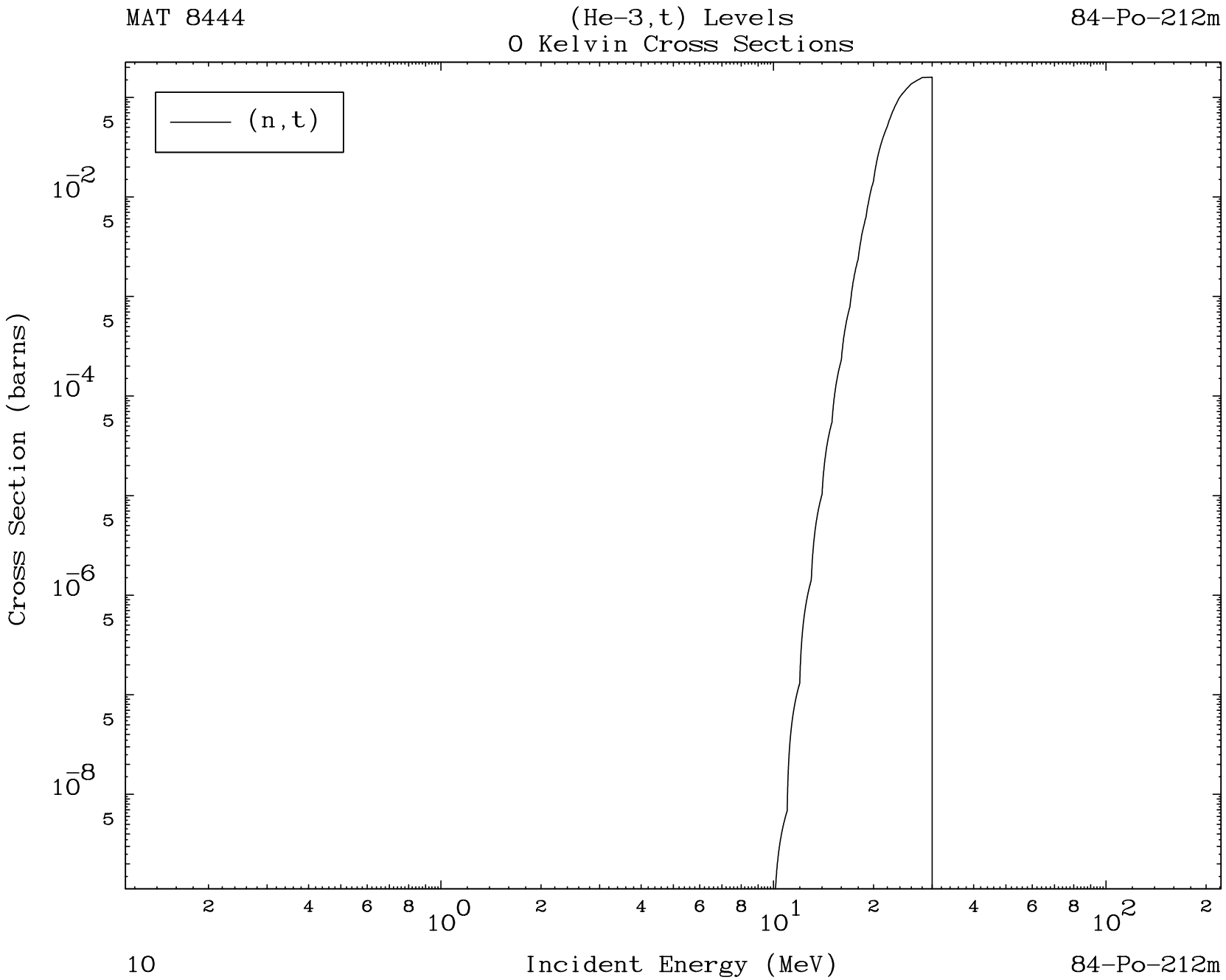

MAT 8444
He-3 Charged Particle
0 Kelvin Cross Sections
84-Po-212m
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
84-Po-212m

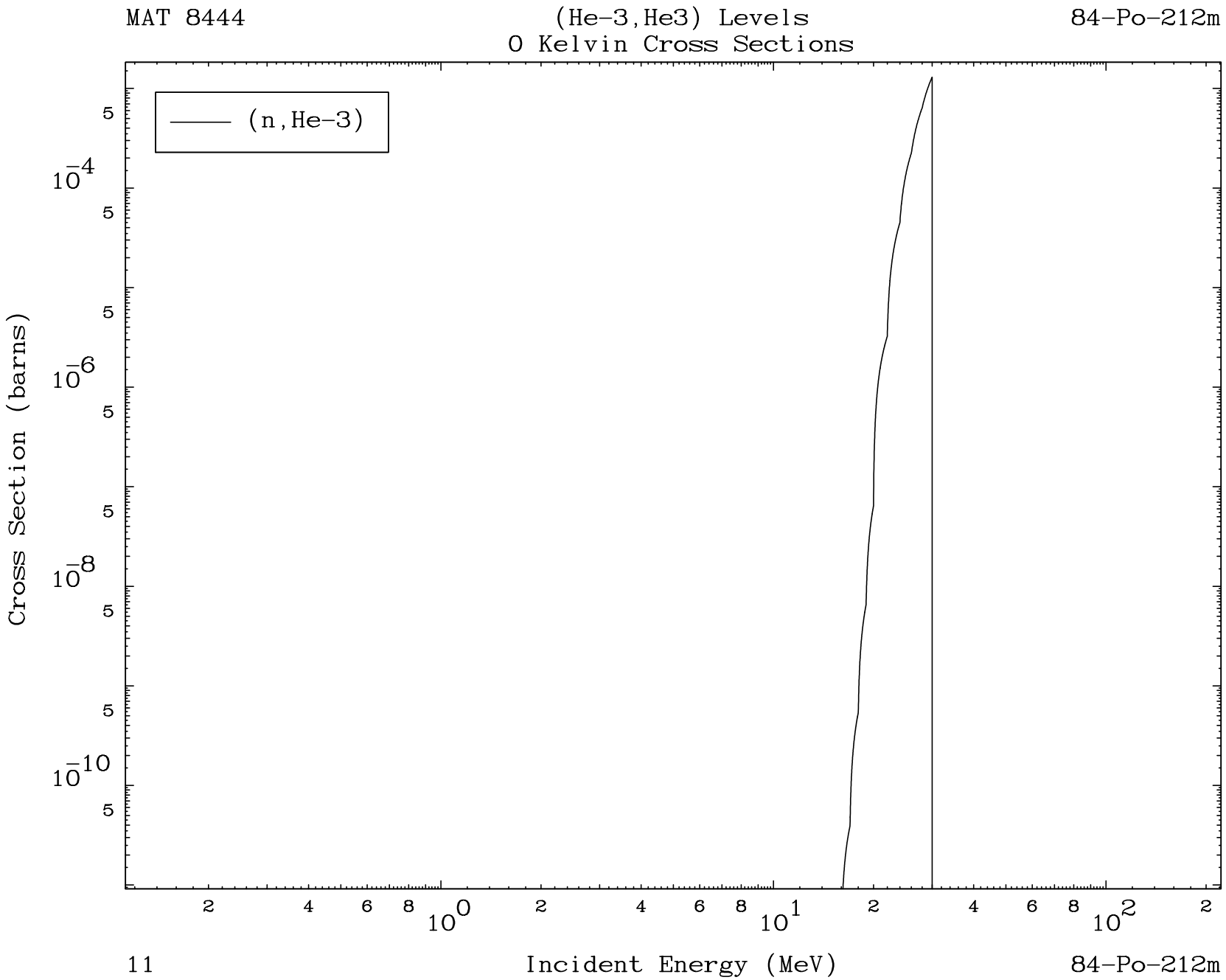

MAT 8444
He-3 Charged Particle
0 Kelvin Cross Sections
84-Po-212m
(n,n') α
(n,n') He-3
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
6
84-Po-212m

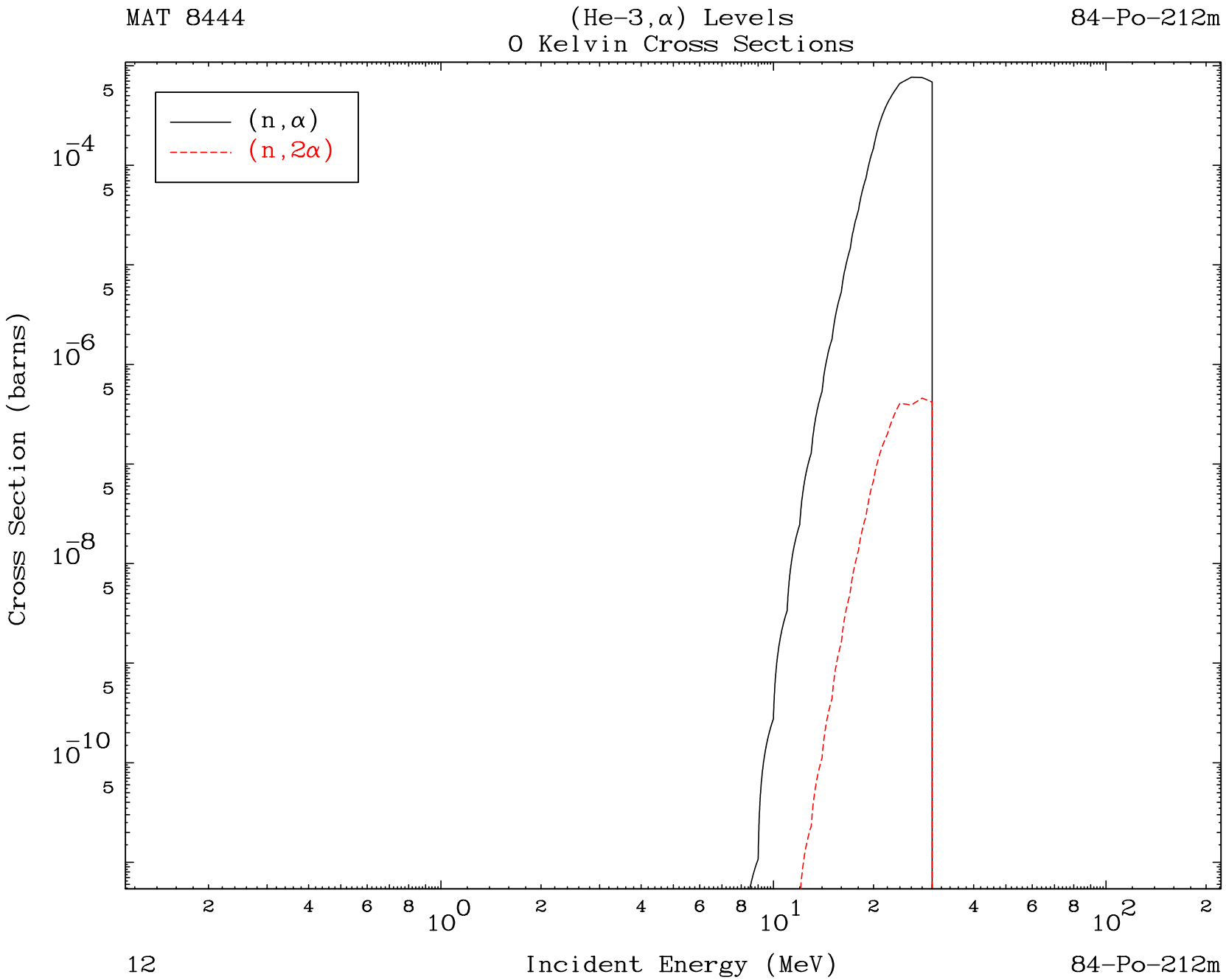

MAT 8444
He-3 Charged Particle
0 Kelvin Cross Sections
84-Po-212m
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
84-Po-212m
7

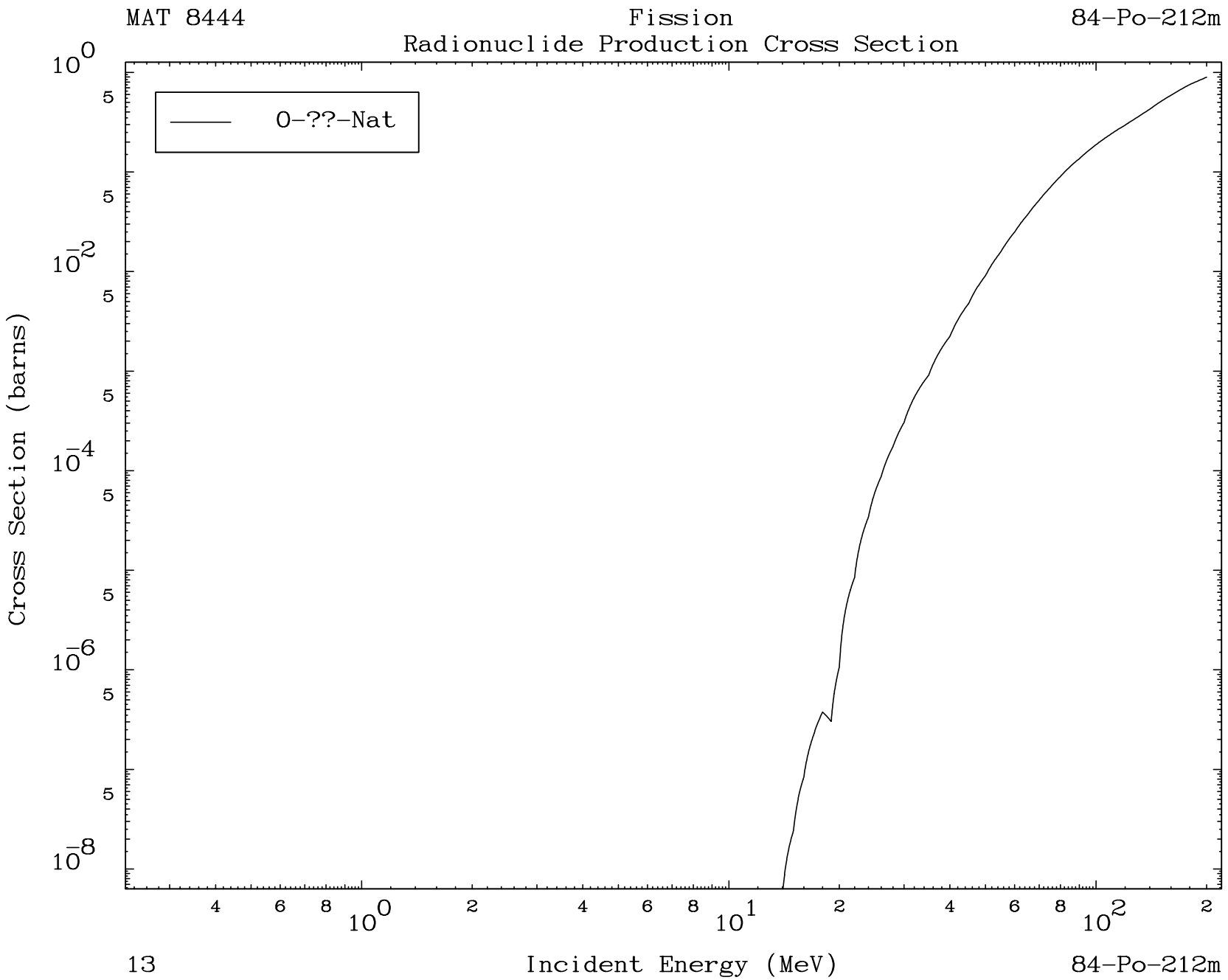

MAT 8444
(He-3,p) Levels
84-Po-212m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
8
84-Po-212m

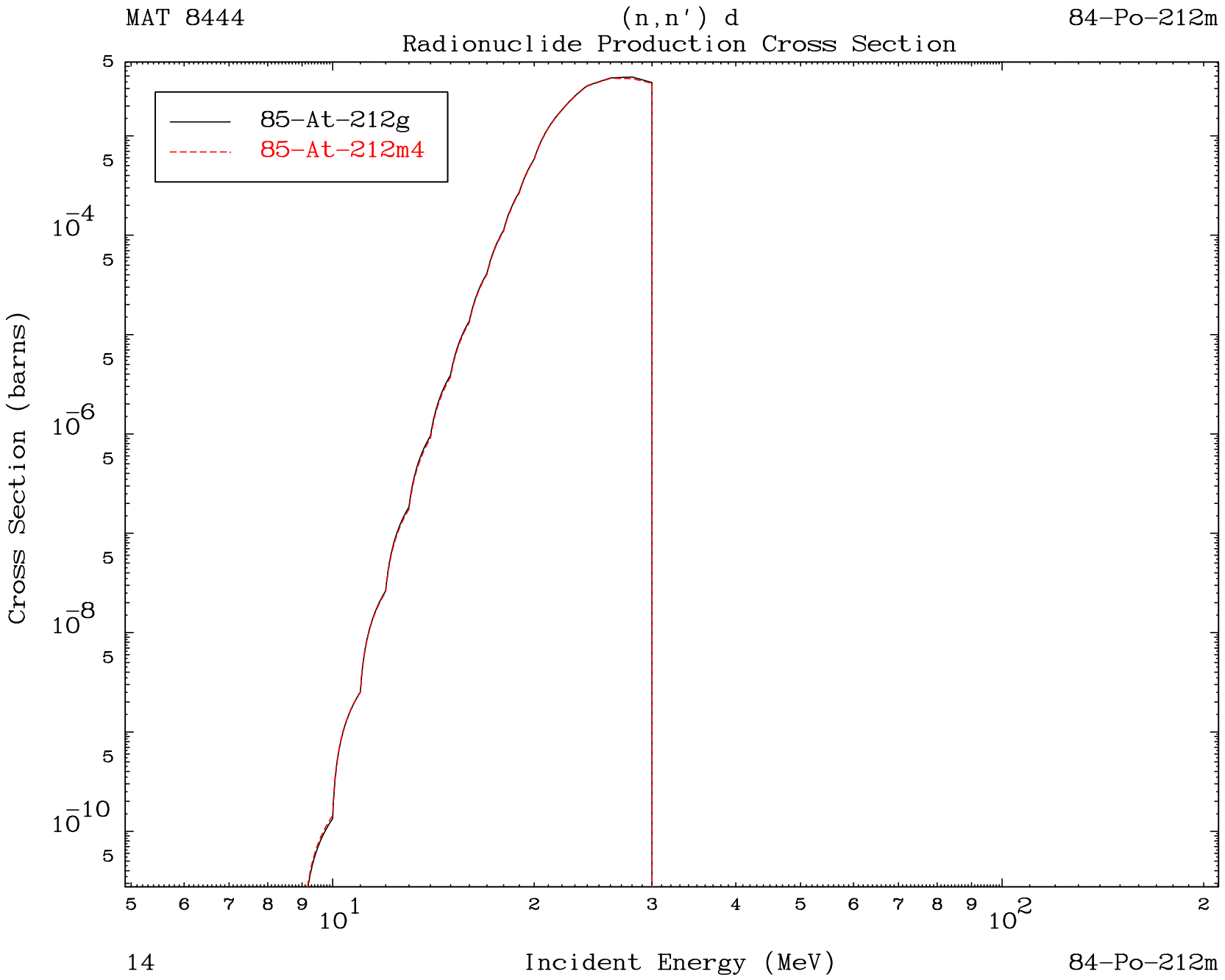

MAT 8444
(He-3,d) Levels
84-Po-212m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
9
84-Po-212m

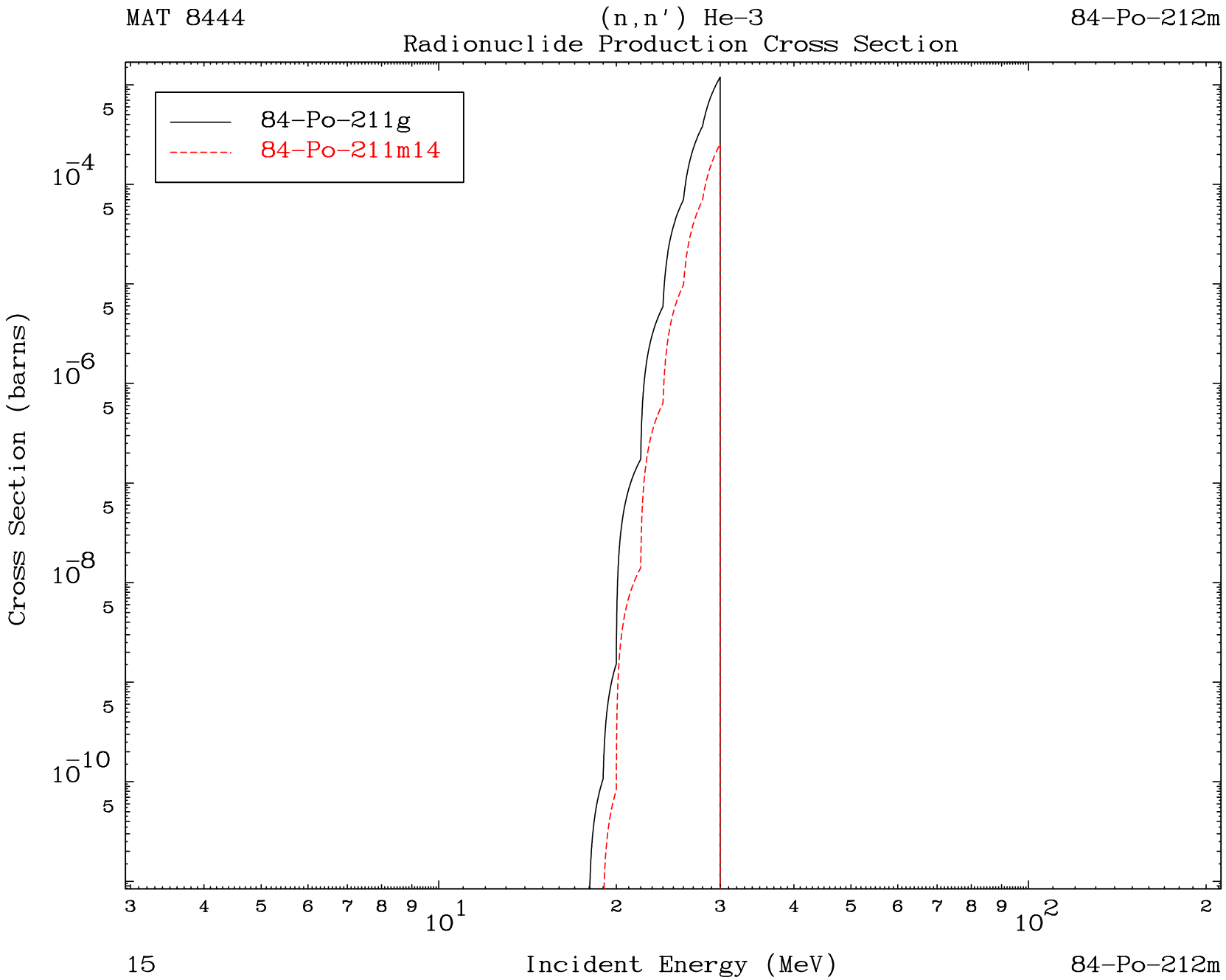

MAT 8444
(He-3,t) Levels
84-Po-212m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
84-Po-212m

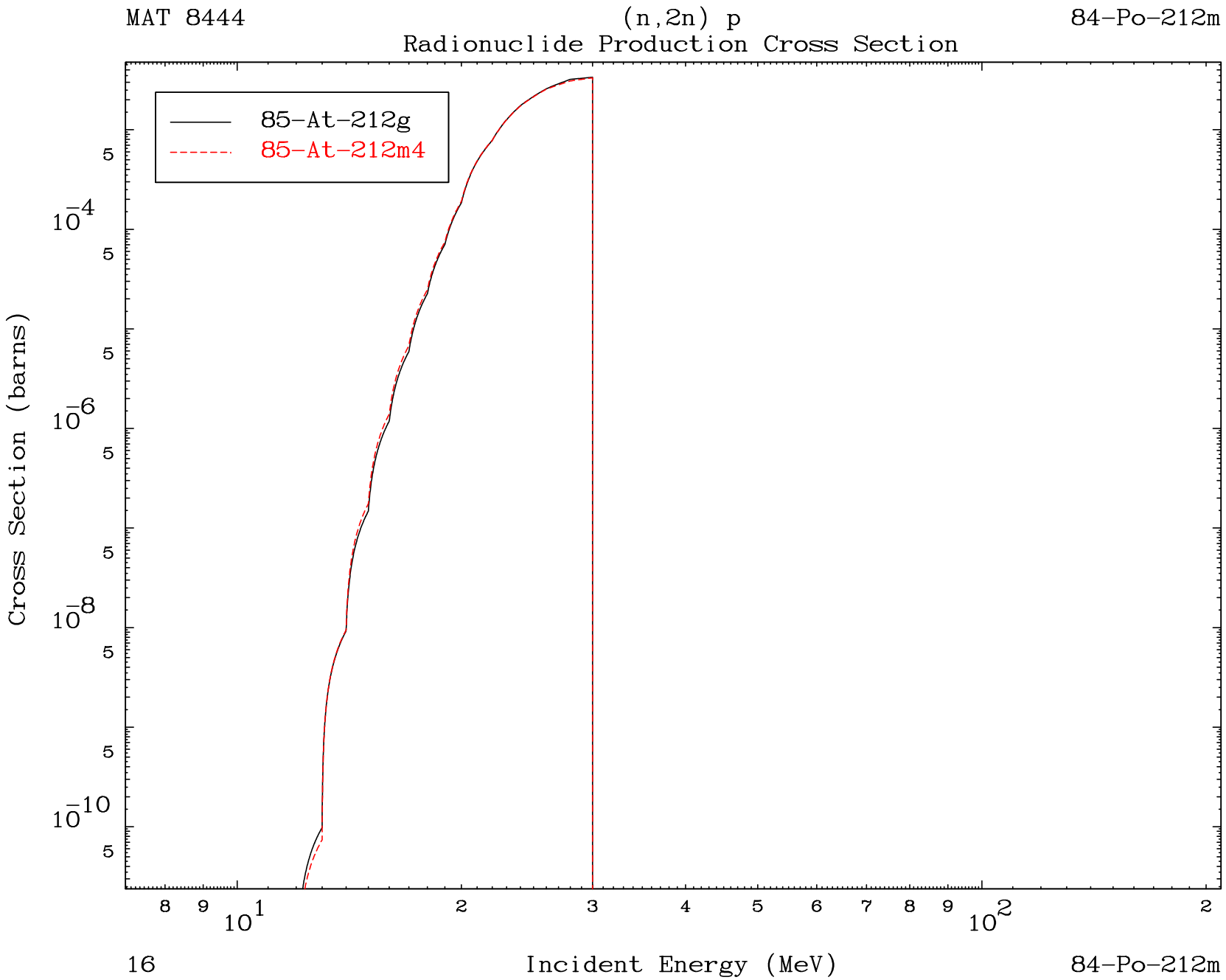

MAT 8444
(He-3,He3) Levels
84-Po-212m
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
100
101
102
11
84-Po-212m

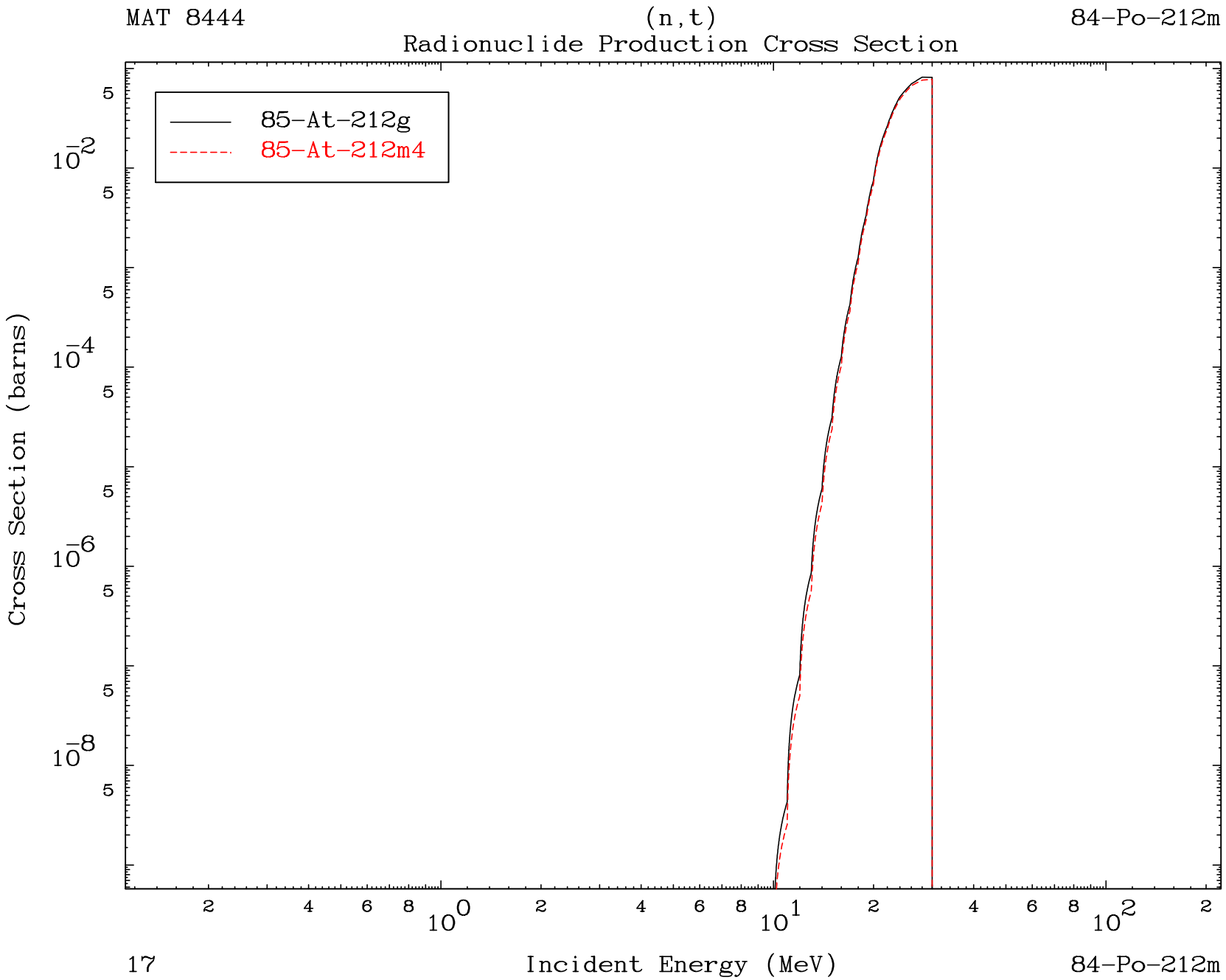

MAT 8444
(He-3,α) Levels
0 Kelvin Cross Sections
84-Po-212m
(n,α)
(n,2α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
12
84-Po-212m

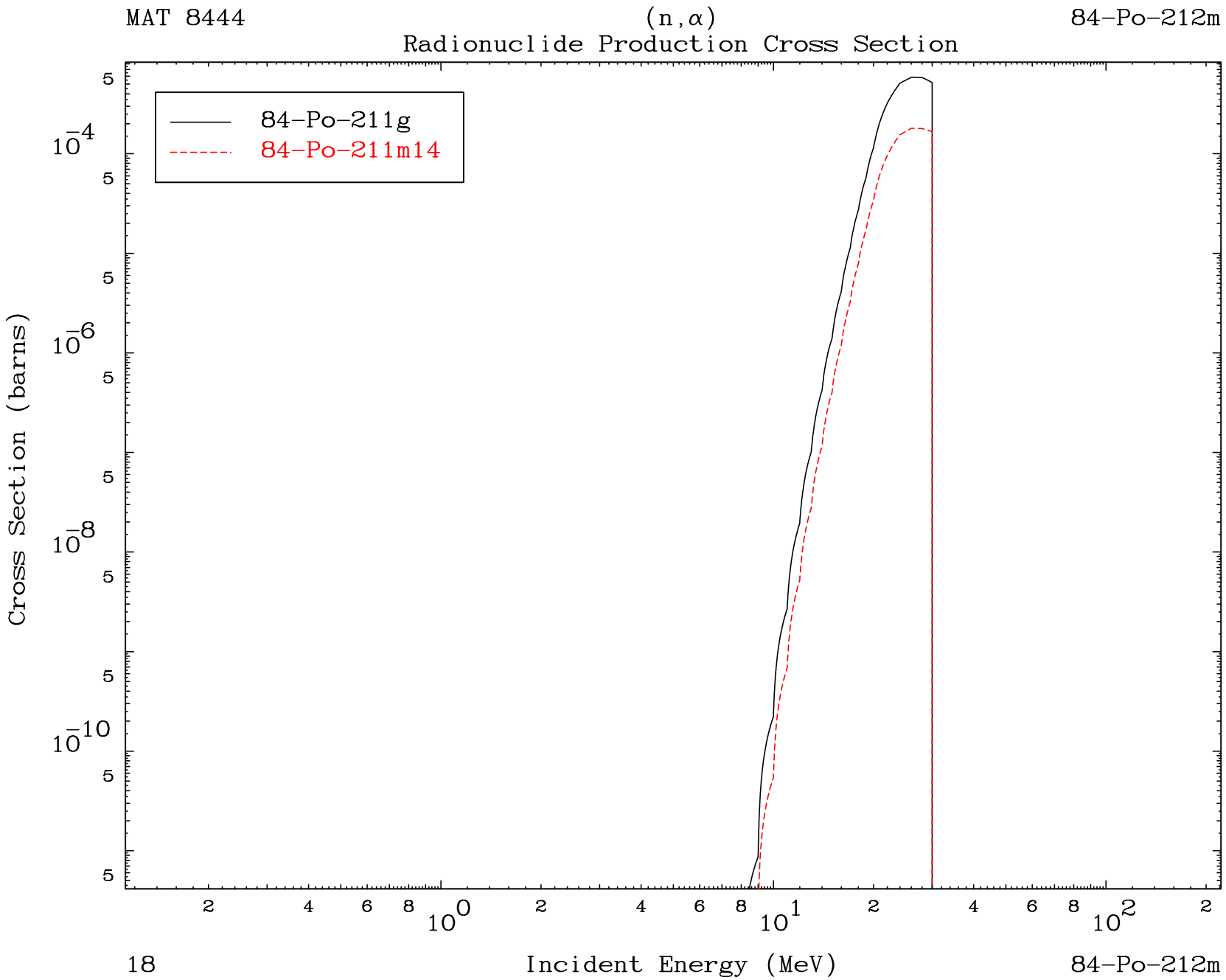

MAT 8444
Fission
84-Po-212m
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
13
84-Po-212m

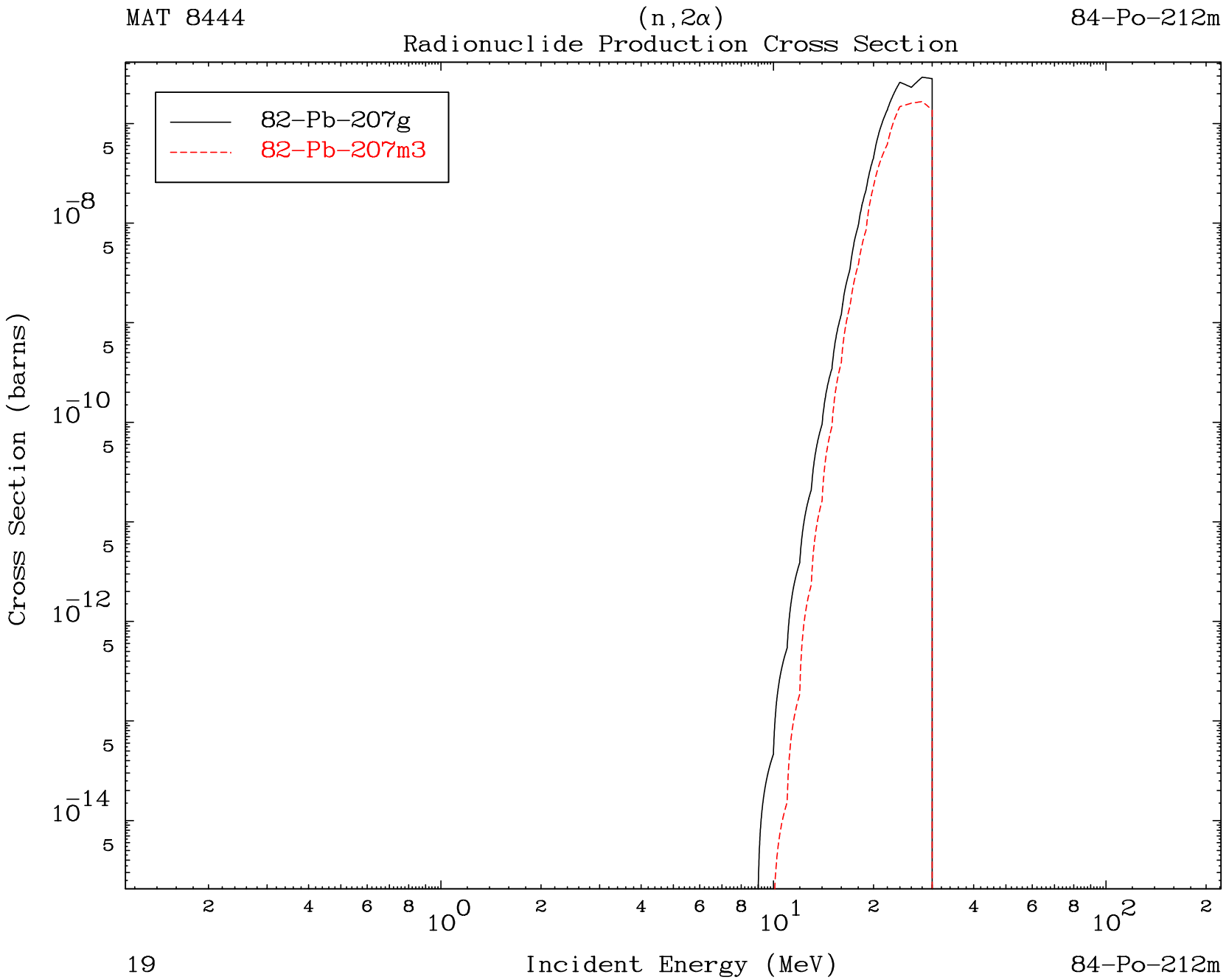

MAT 8444
(n,n') d
84-Po-212m
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
Incident Energy (MeV)
14
84-Po-212m

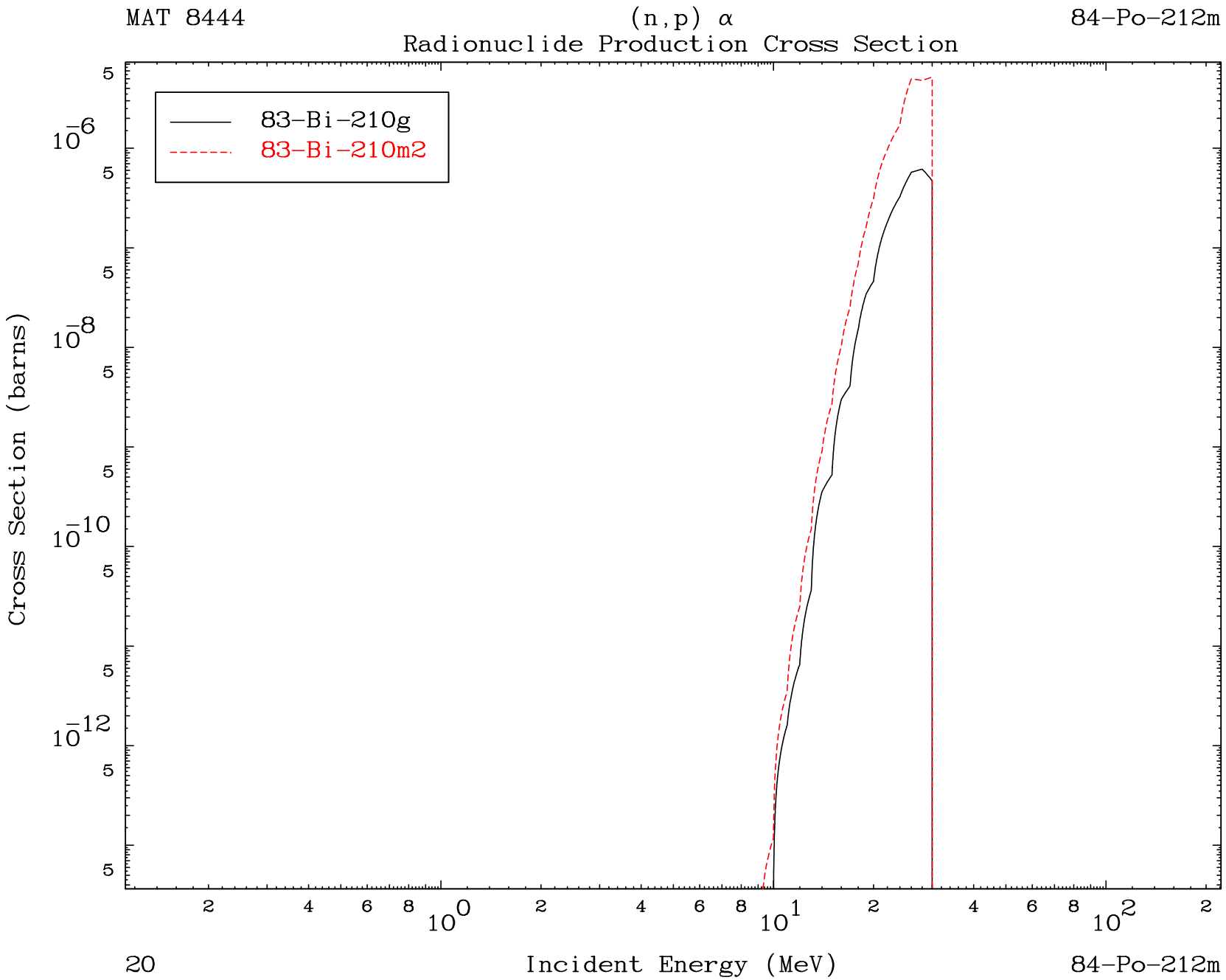

MAT 8444
(n,n') He-3
84-Po-212m
Radionuclide Production Cross Section
84-Po-211g
84-Po-211m14
Cross Section (barns)
10-4
10-6
10-8
10-10
3 4 5 6 7 8 9 10 1
2 3 4 5 6 7 8 9 10 2
2
15
Incident Energy (MeV)
84-Po-212m

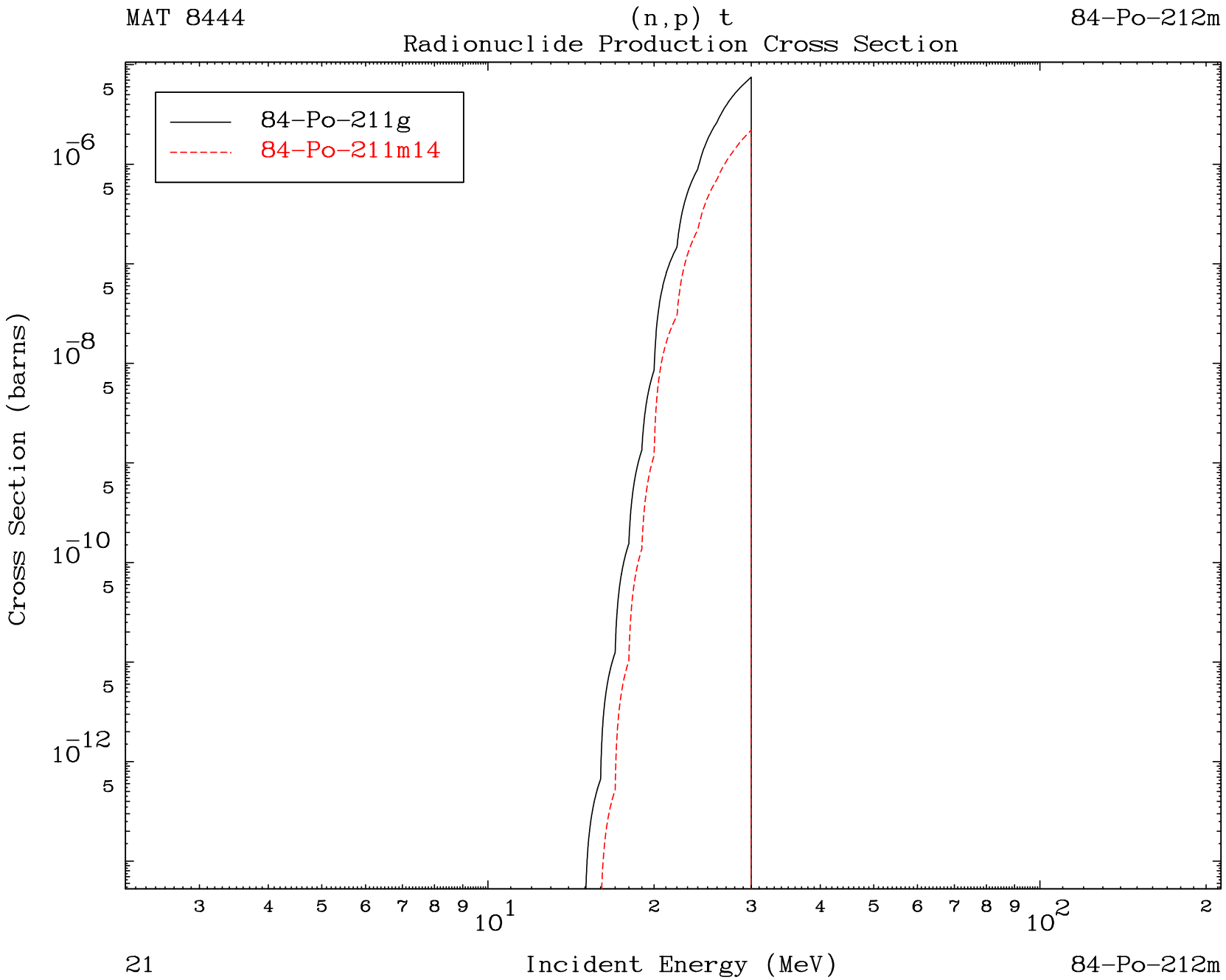

MAT 8444
(n,2n) p
84-Po-212m
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
16
Incident Energy (MeV)
84-Po-212m


MAT 8444
(n,t)
84-Po-212m
Radionuclide Production Cross Section
85-At-212g
85-At-212m4
Cross Section (barns)
Incident Energy (MeV)
17
84-Po-212m


MAT 8444
(n,α)
84-Po-212m
Radionuclide Production Cross Section
84-Po-211g
84-Po-211m14
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-212m


MAT 8444
(n,2α)
84-Po-212m
Radionuclide Production Cross Section
82-Pb-207g
82-Pb-207m3
Cross Section (barns)
10-8
10-10
10-12
10-14
5
100
101
102
2
4
6
8
19
Incident Energy (MeV)
84-Po-212m


MAT 8444
(n,p) α
84-Po-212m
Radionuclide Production Cross Section
83-Bi-210g
83-Bi-210m2
Cross Section (barns)
Incident Energy (MeV)
20
84-Po-212m


MAT 8444
(n,p) t
84-Po-212m
Radionuclide Production Cross Section
84-Po-211g
84-Po-211m14
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3 4 5 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 2 2
21
Incident Energy (MeV)
84-Po-212m