Program EVALPLOT
(Version 2018-1)
by
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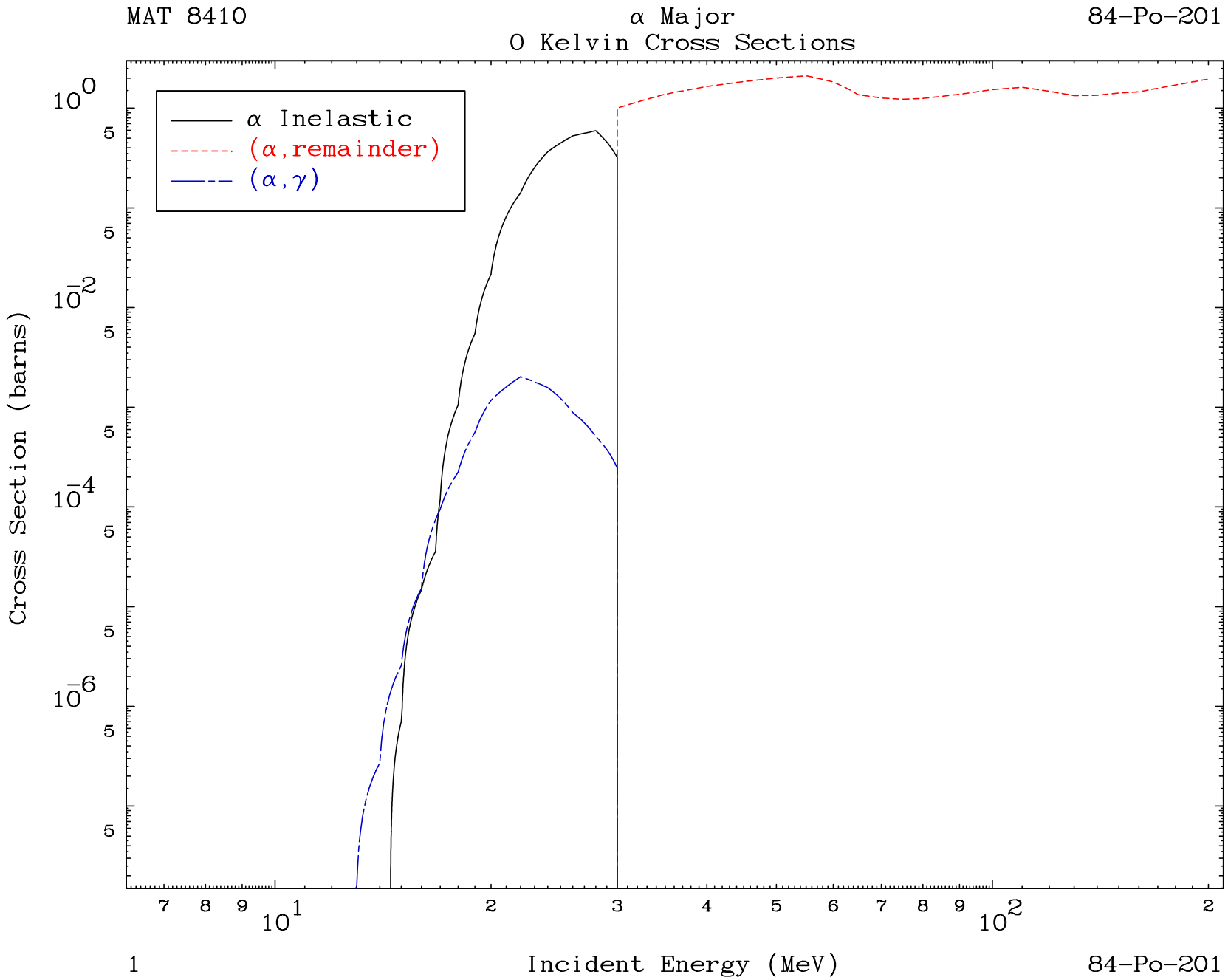
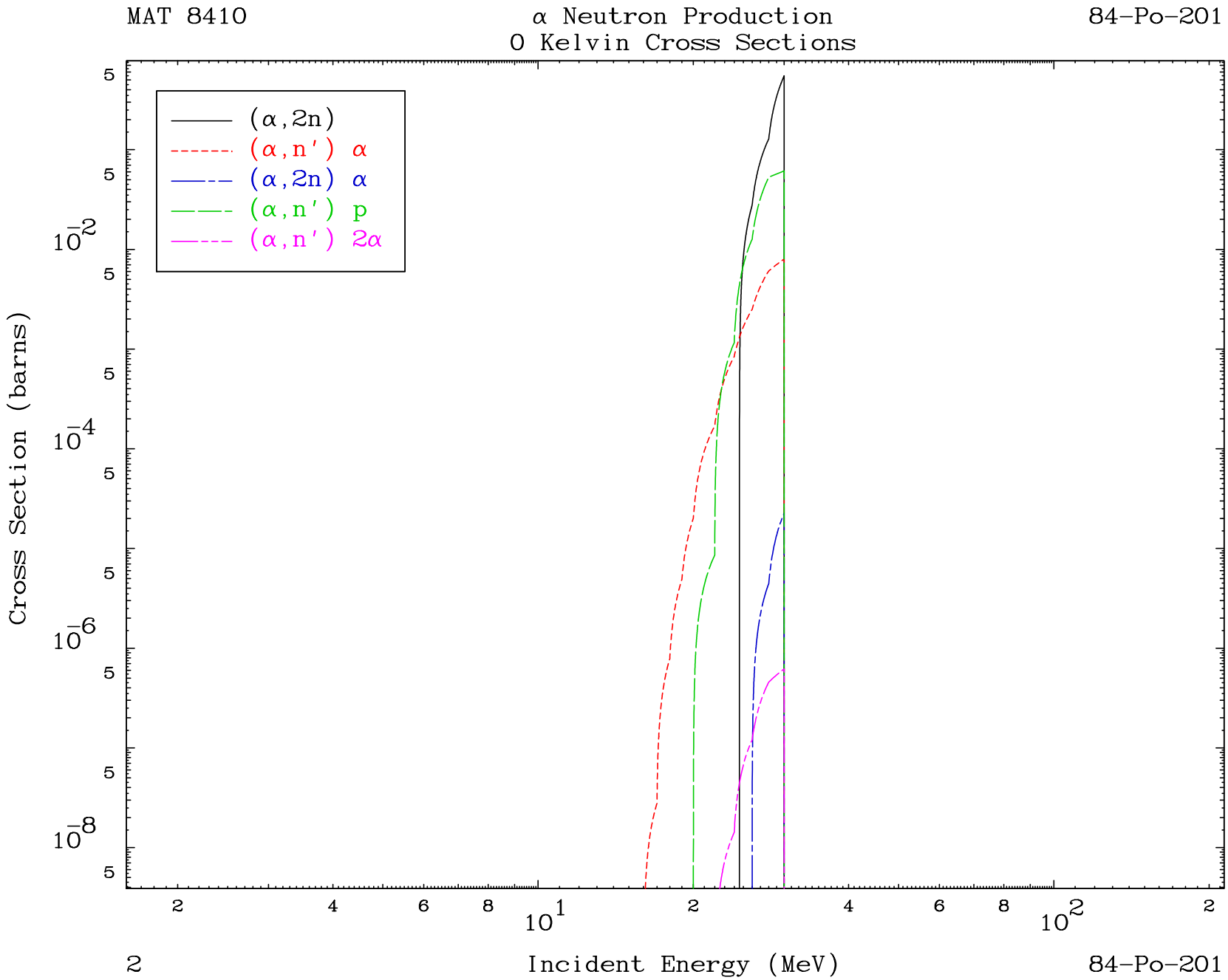
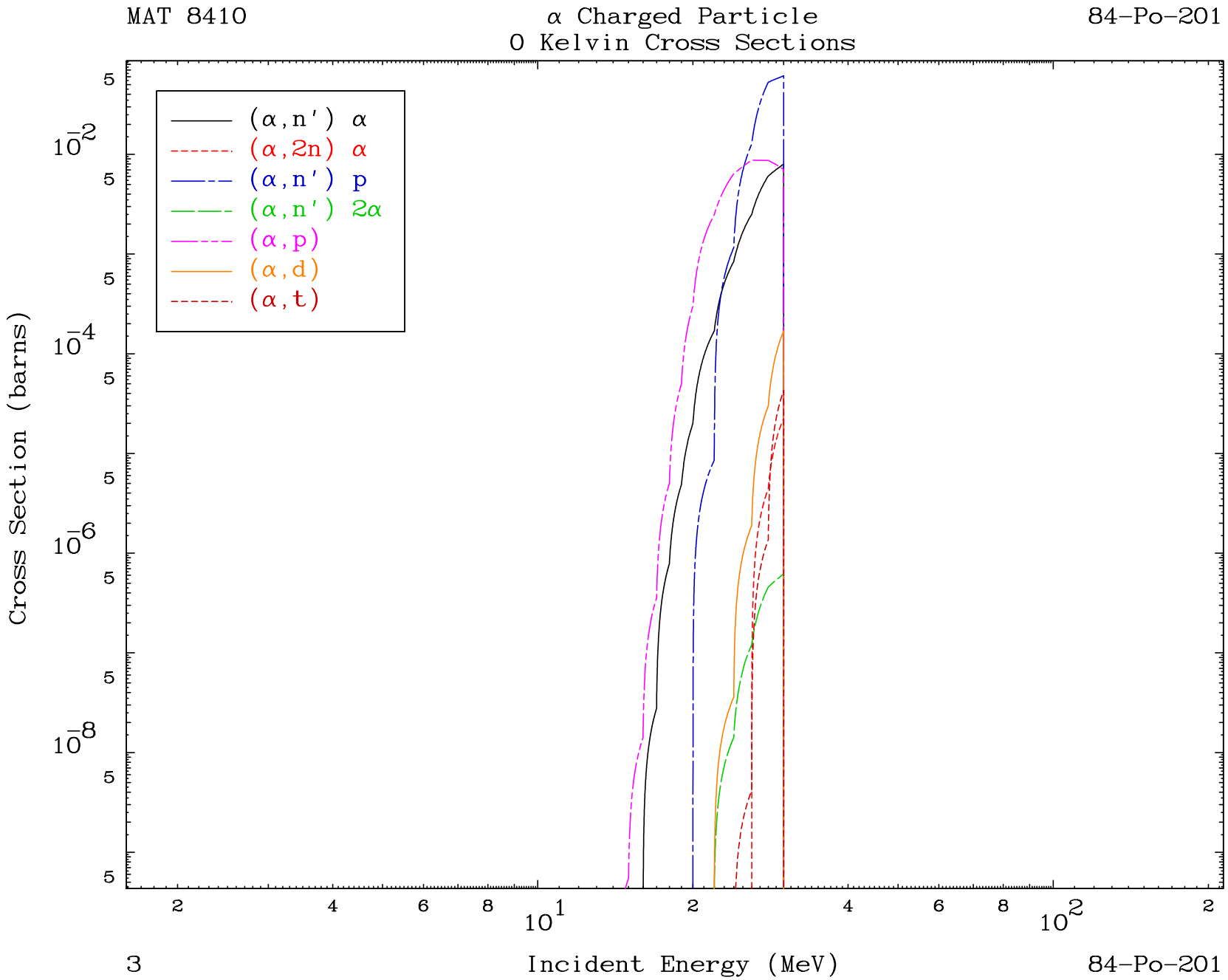
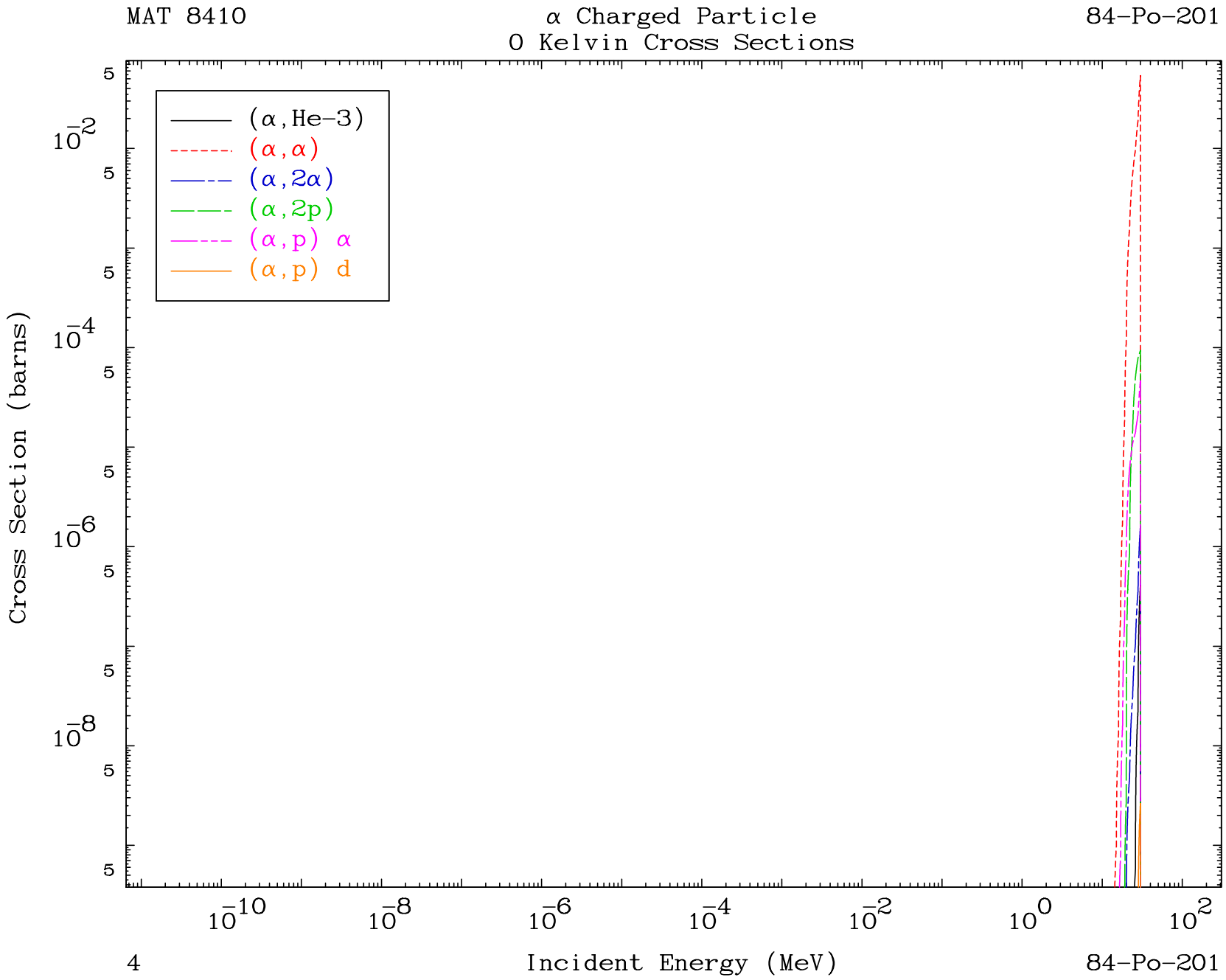
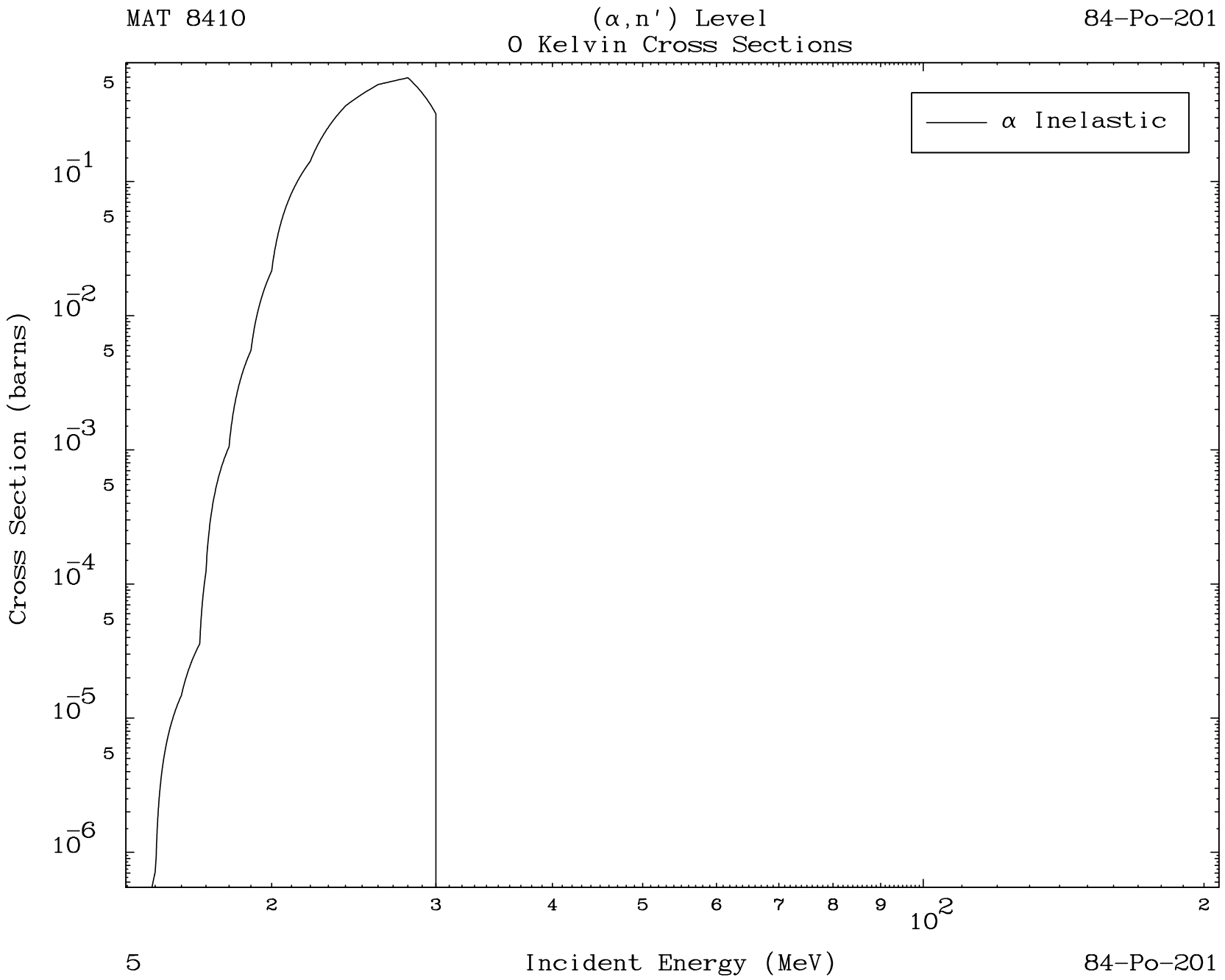
Press Mouse Button to Start

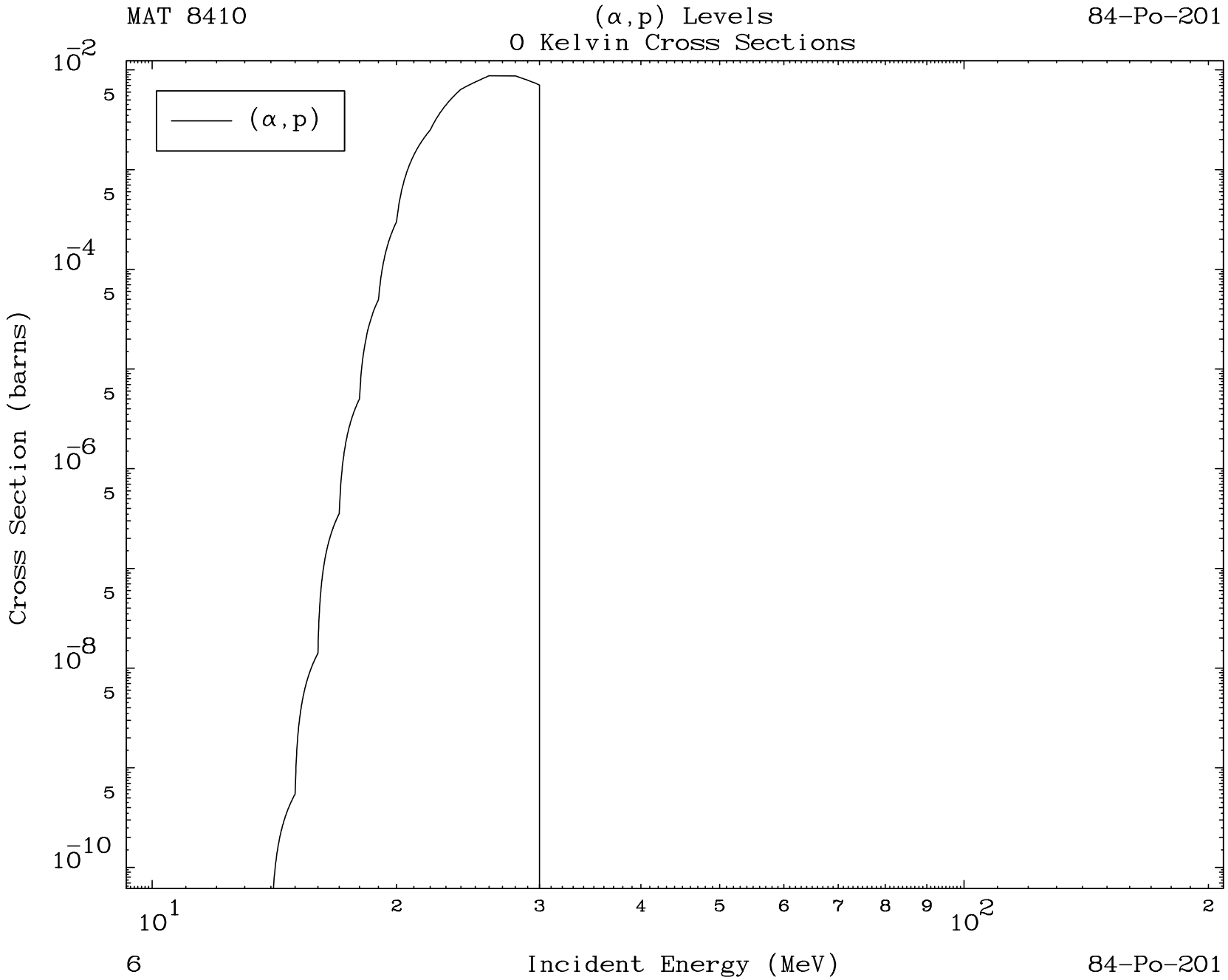

MAT 8410
α Major
84-Po-201
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
84-Po-201

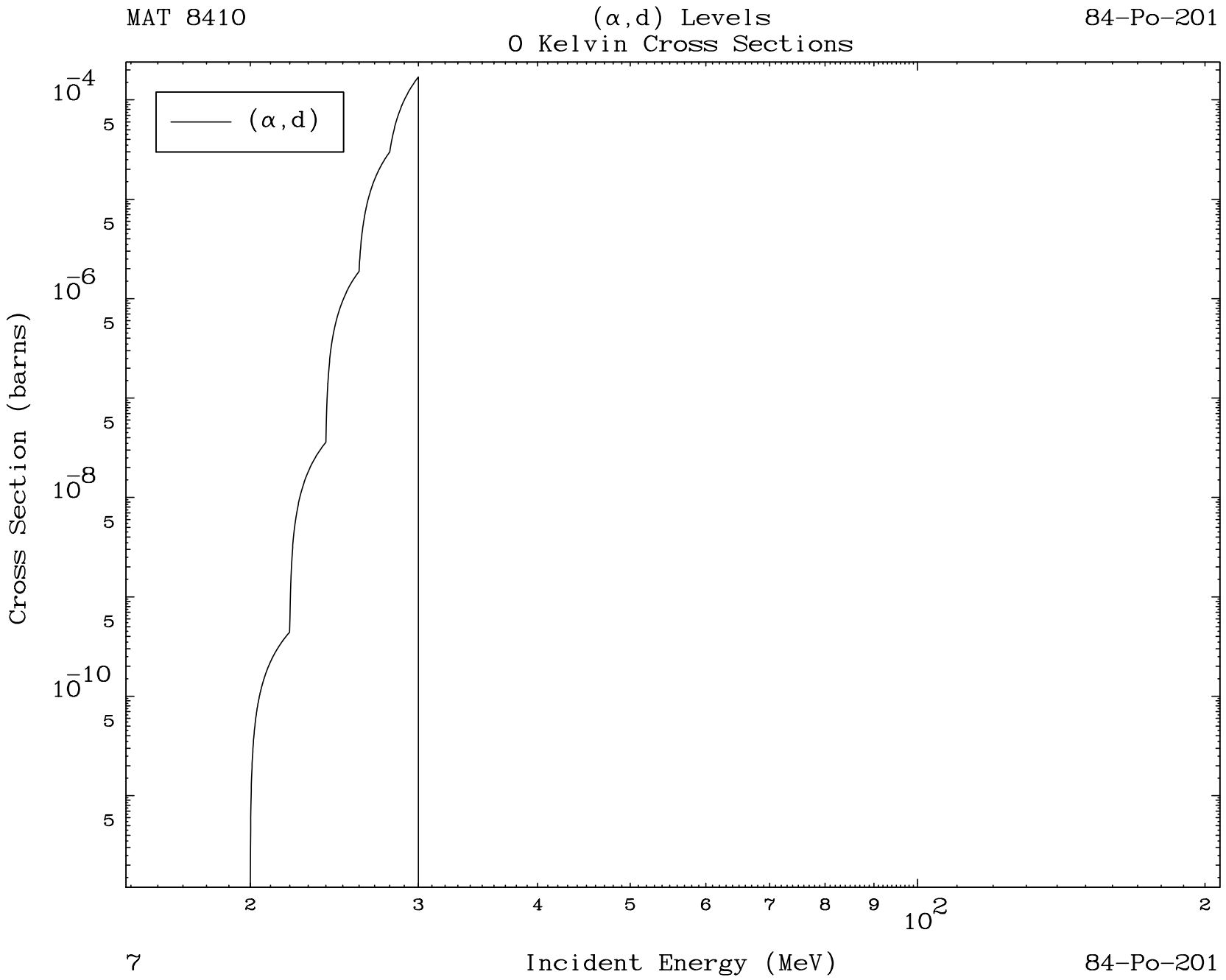

MAT 8410
α Neutron Production
0 Kelvin Cross Sections
84-Po-201
(α,2n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
Cross Section (barns)
Incident Energy (MeV)
84-Po-201

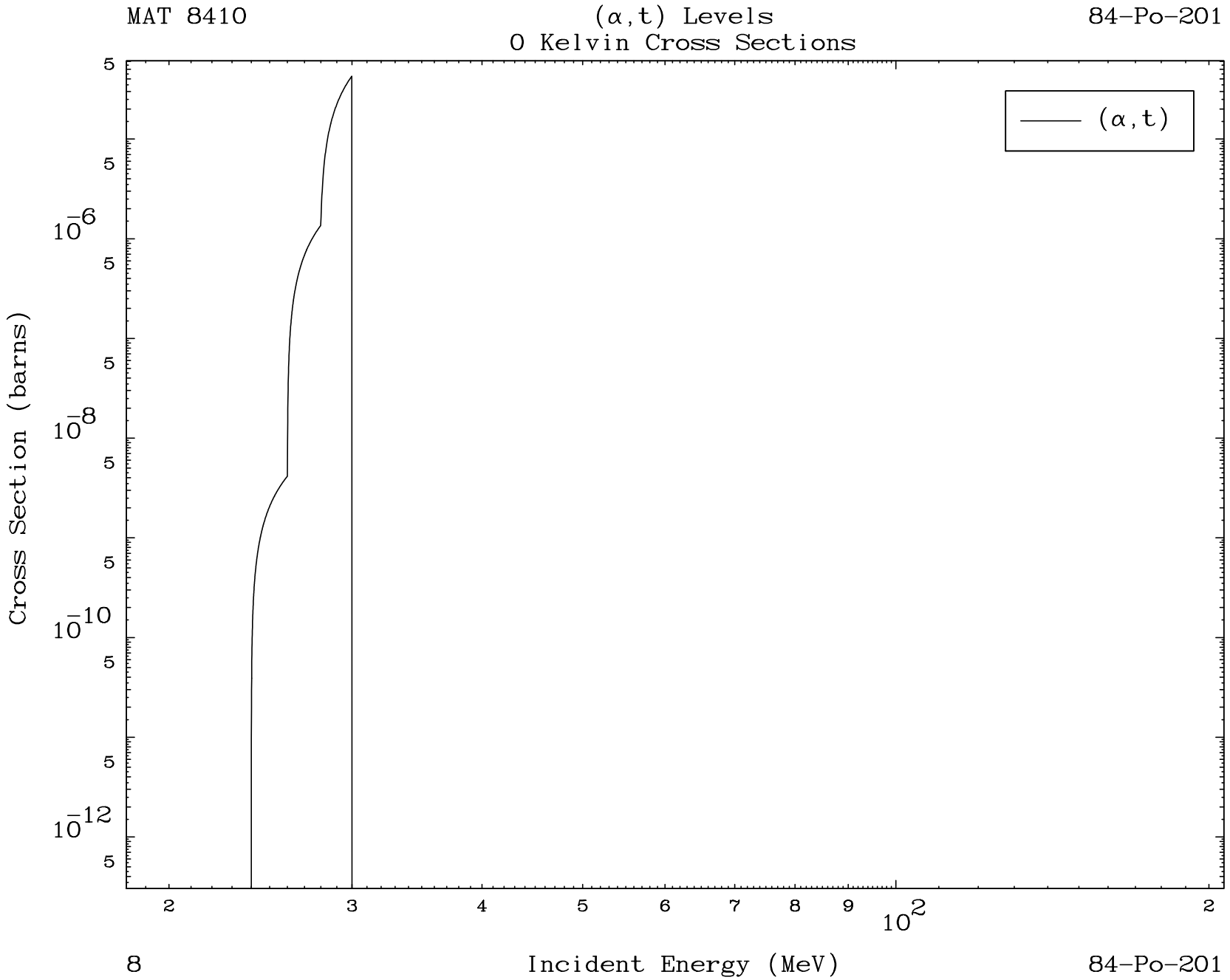

MAT 8410
α Charged Particle
0 Kelvin Cross Sections
84-Po-201
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,p)
(α,d)
(α,t)
Cross Section (barns)
Incident Energy (MeV)
3
84-Po-201

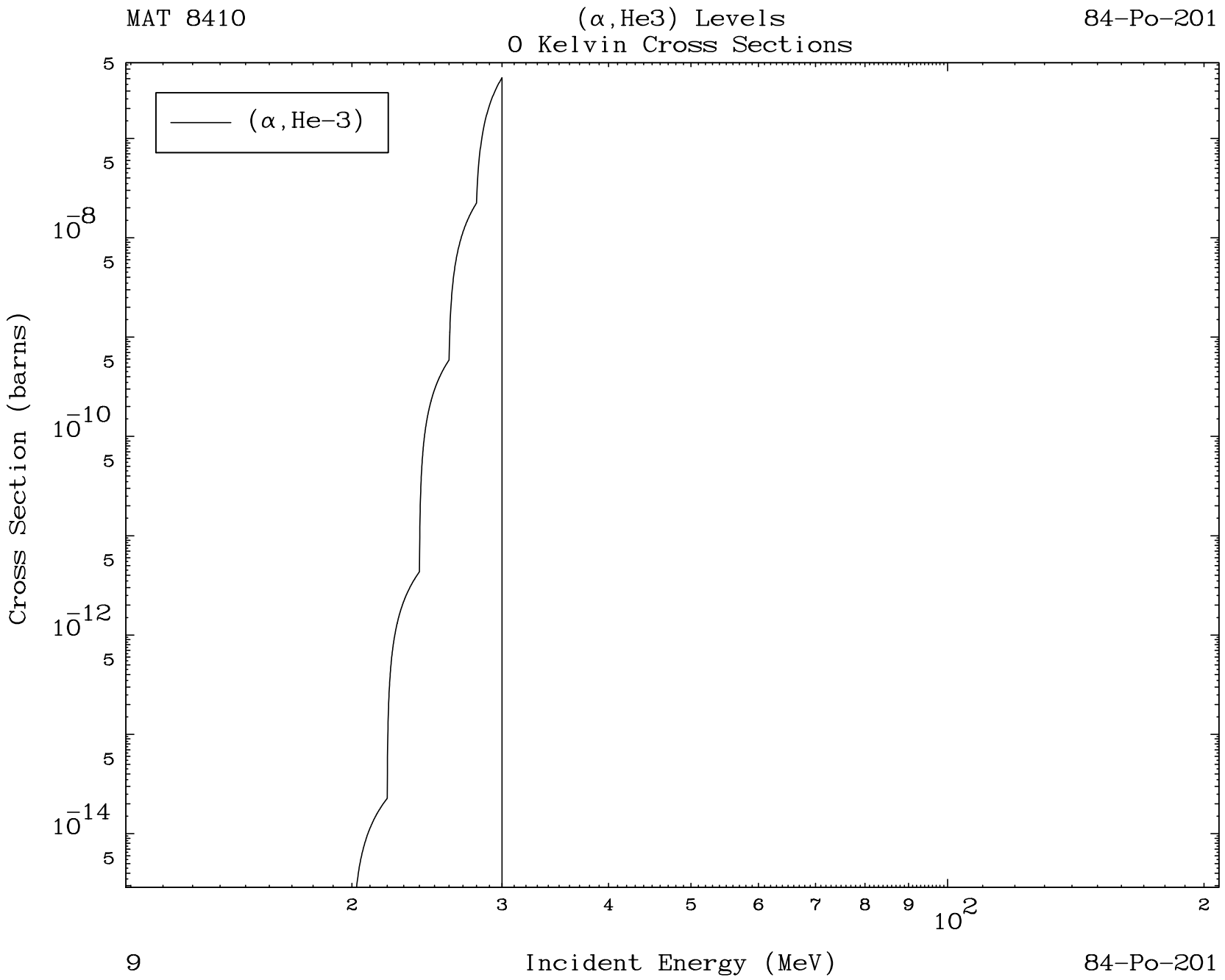

MAT 8410
α Charged Particle
0 Kelvin Cross Sections
84-Po-201
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
Cross Section (barns)
Incident Energy (MeV)
4
84-Po-201

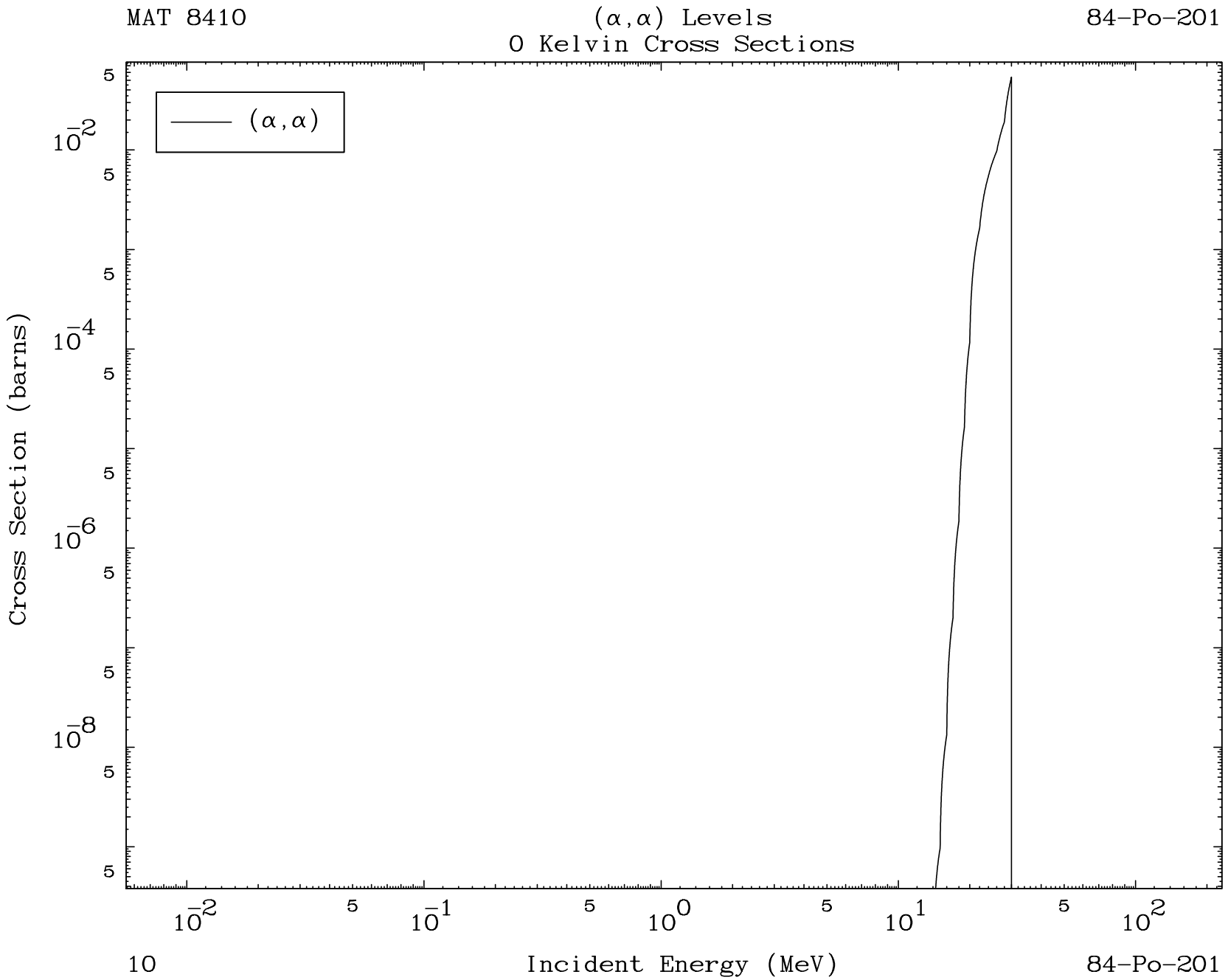

MAT 8410
(α,n') Level
84-Po-201
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10-1
10-2
10-3
10-4
10-5
10-6
2
3
4
5
6
7
8
9
10 2
2
5
Incident Energy (MeV)
84-Po-201

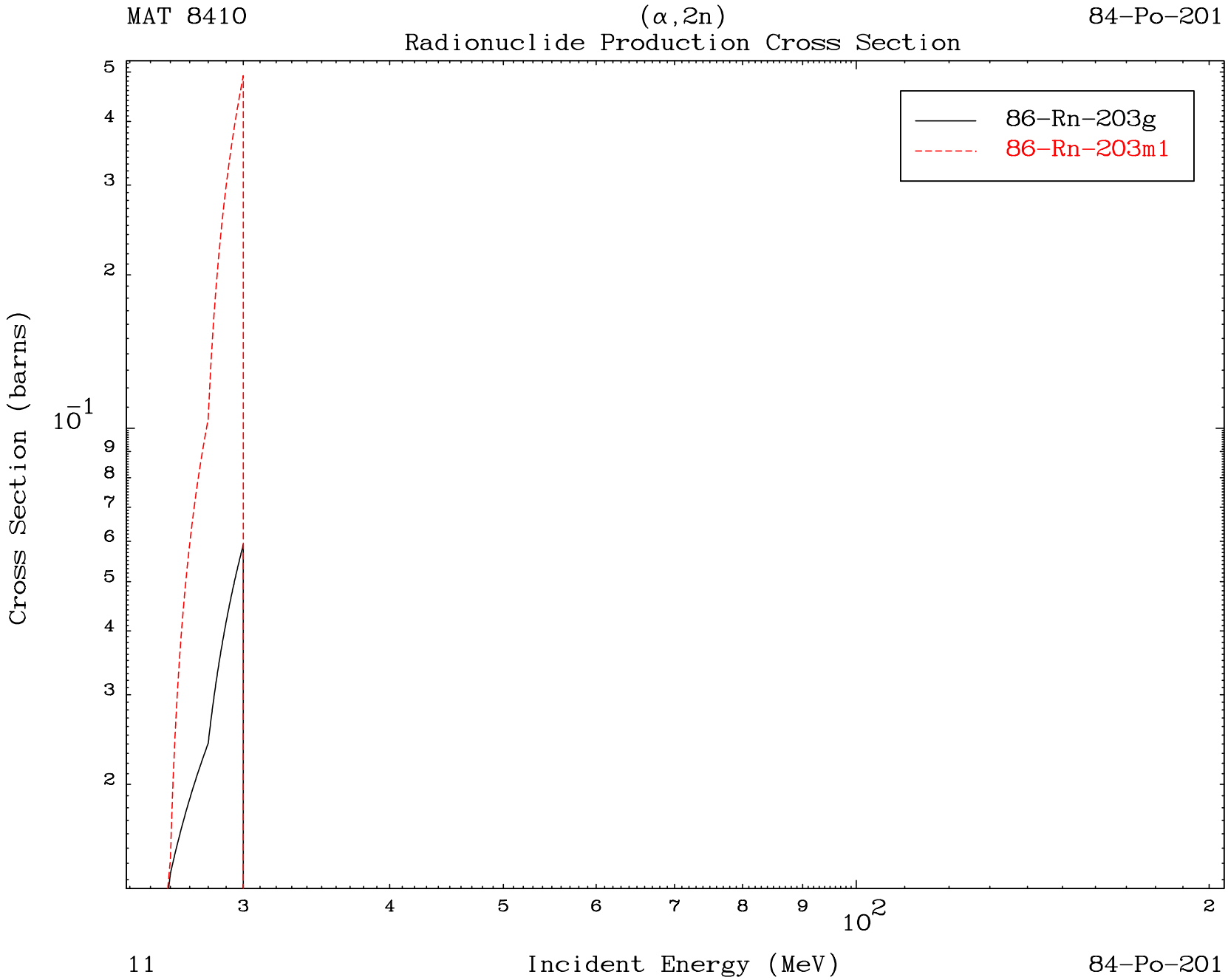

MAT 8410
(α,p) Levels
84-Po-201
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
84-Po-201
6

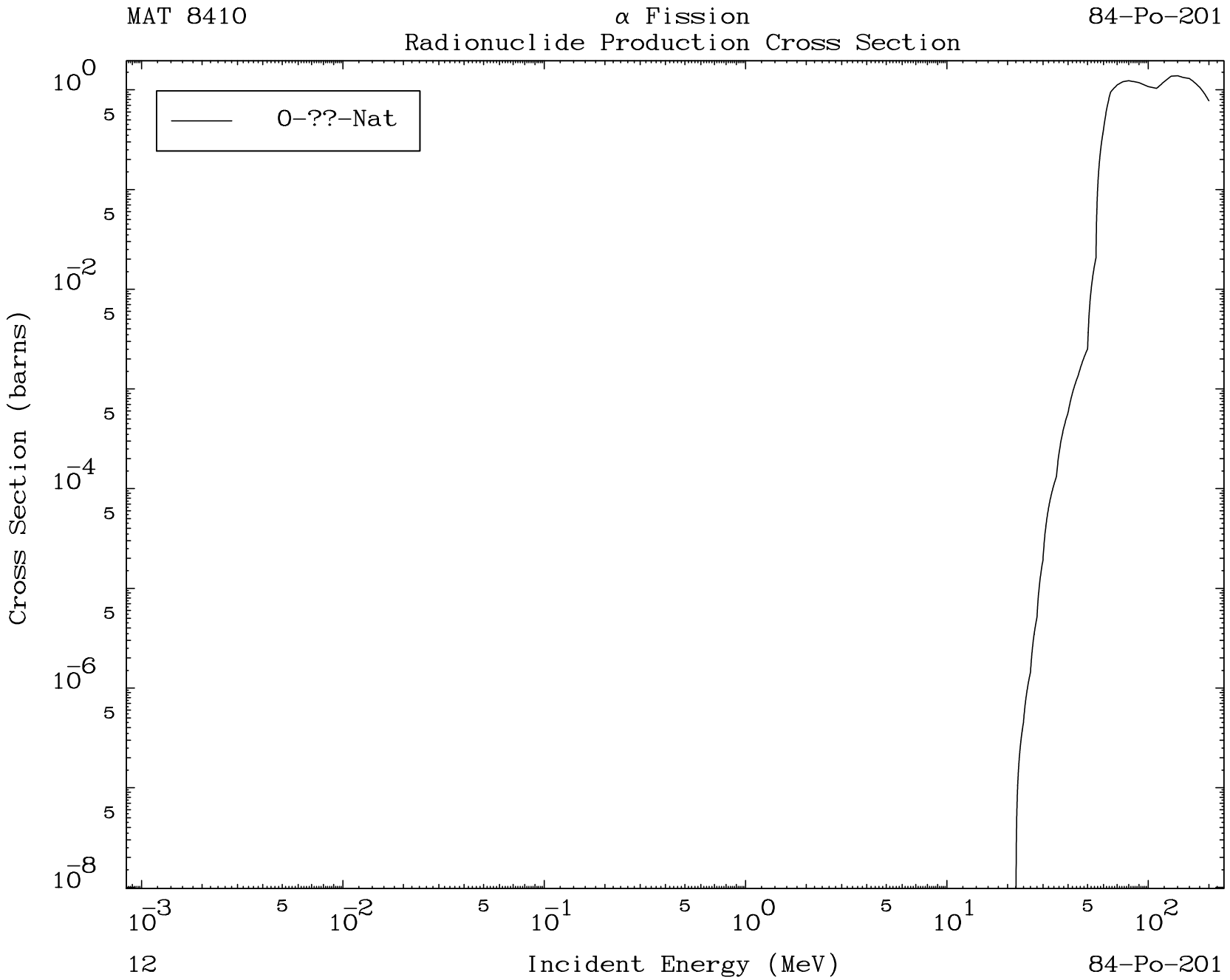

MAT 8410
(α,d) Levels
84-Po-201
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
84-Po-201

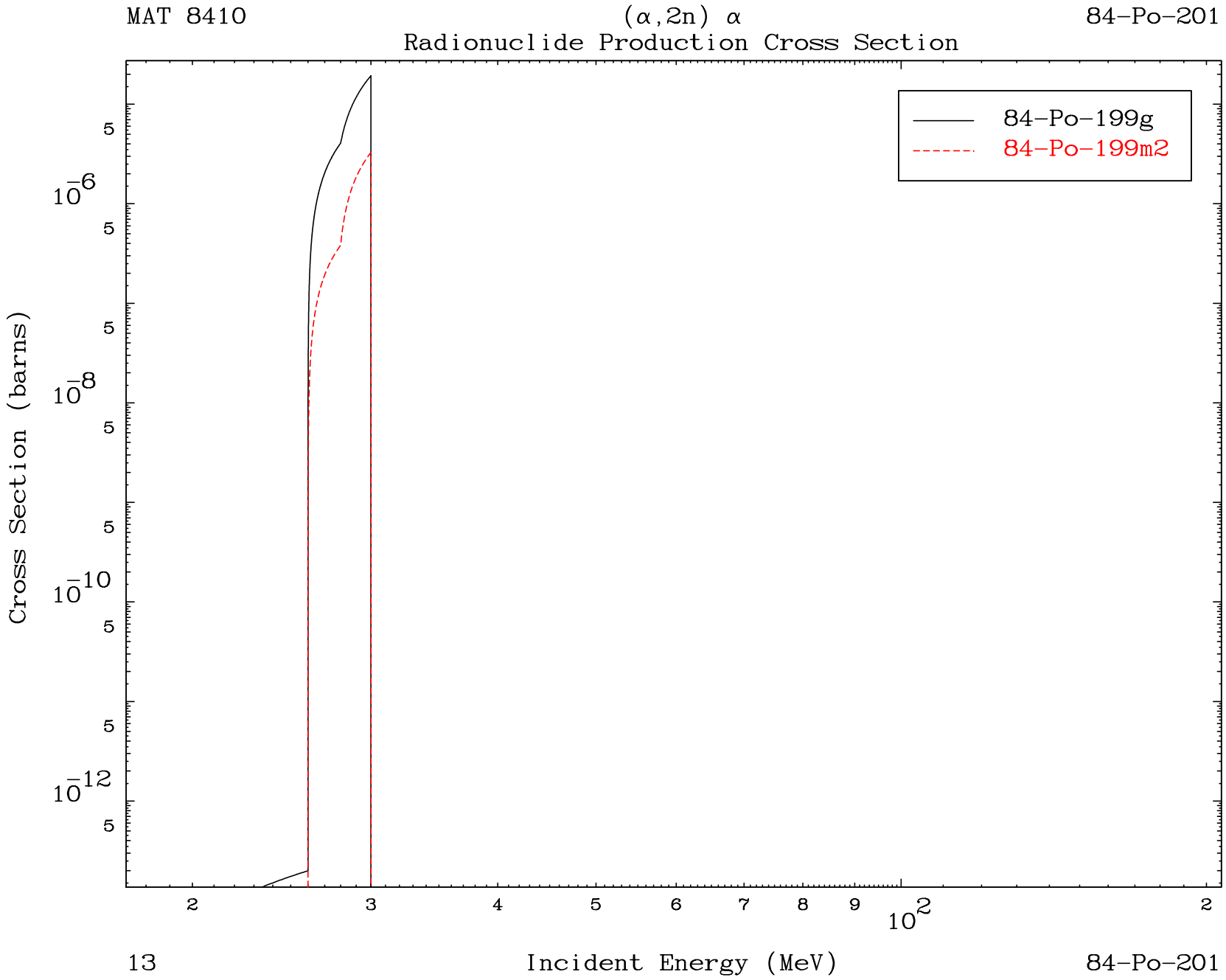

MAT 8410
(α,t) Levels
84-Po-201
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
8
84-Po-201

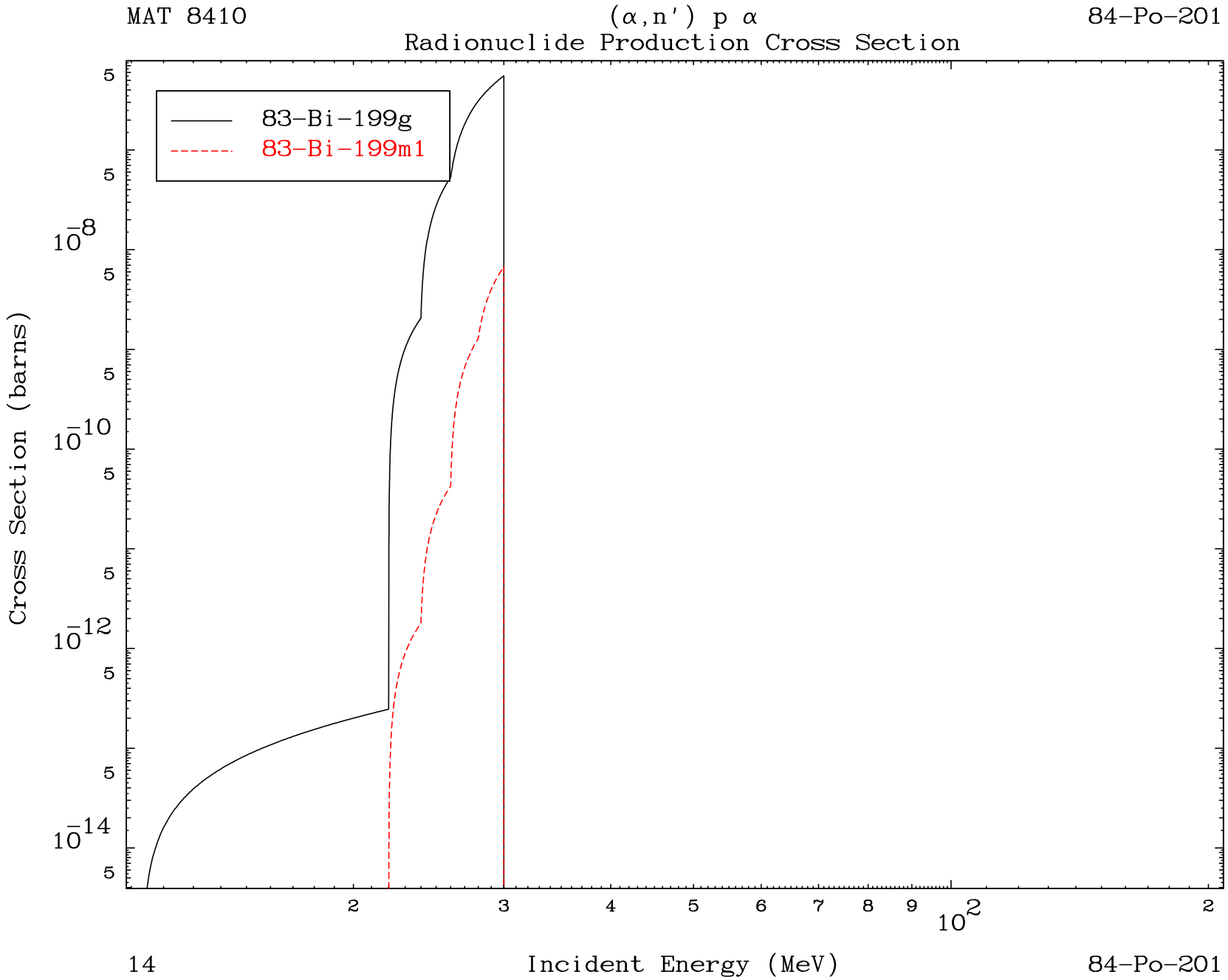

MAT 8410
(α,He3) Levels
84-Po-201
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
84-Po-201

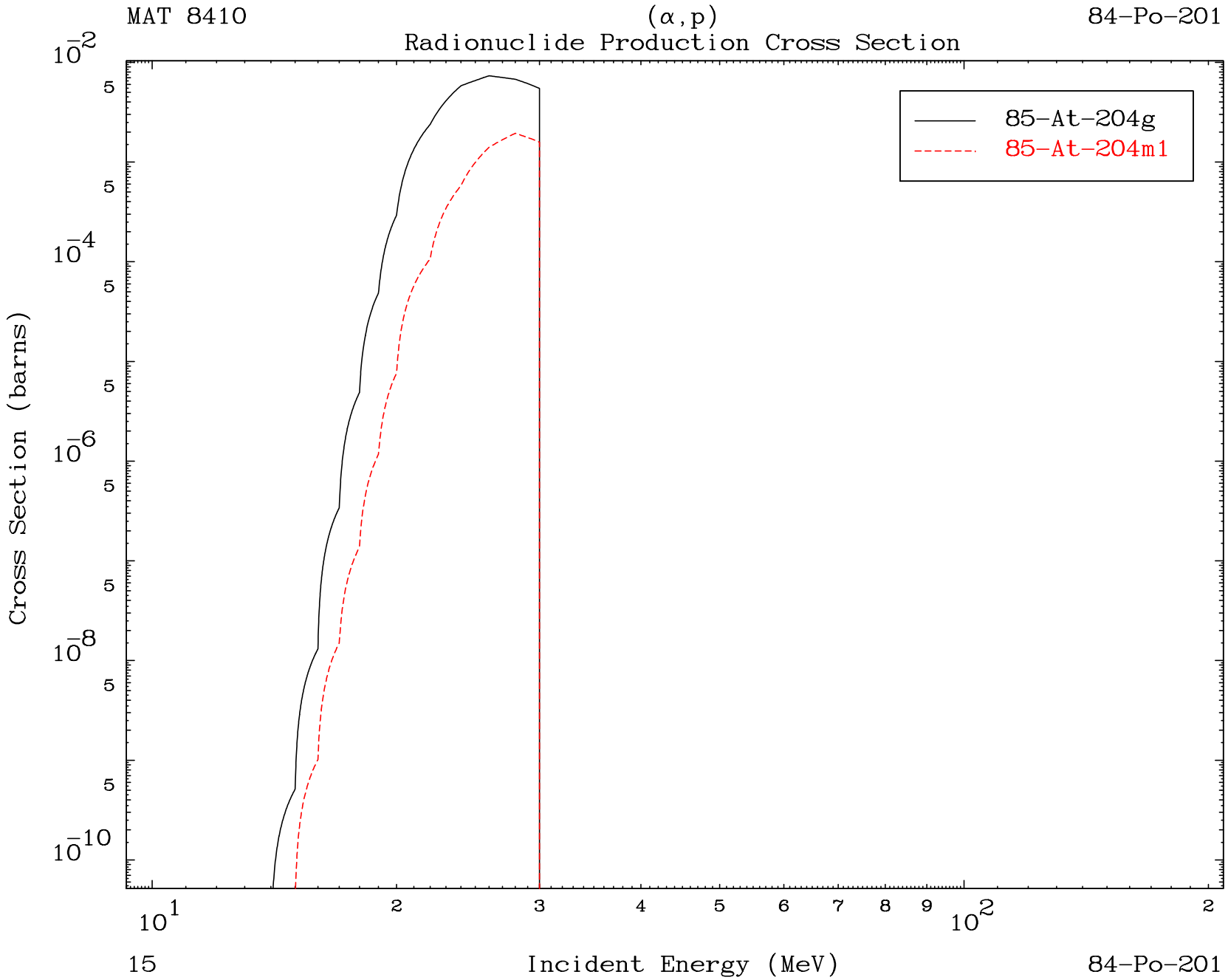

MAT 8410
(α,α) Levels
84-Po-201
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
84-Po-201

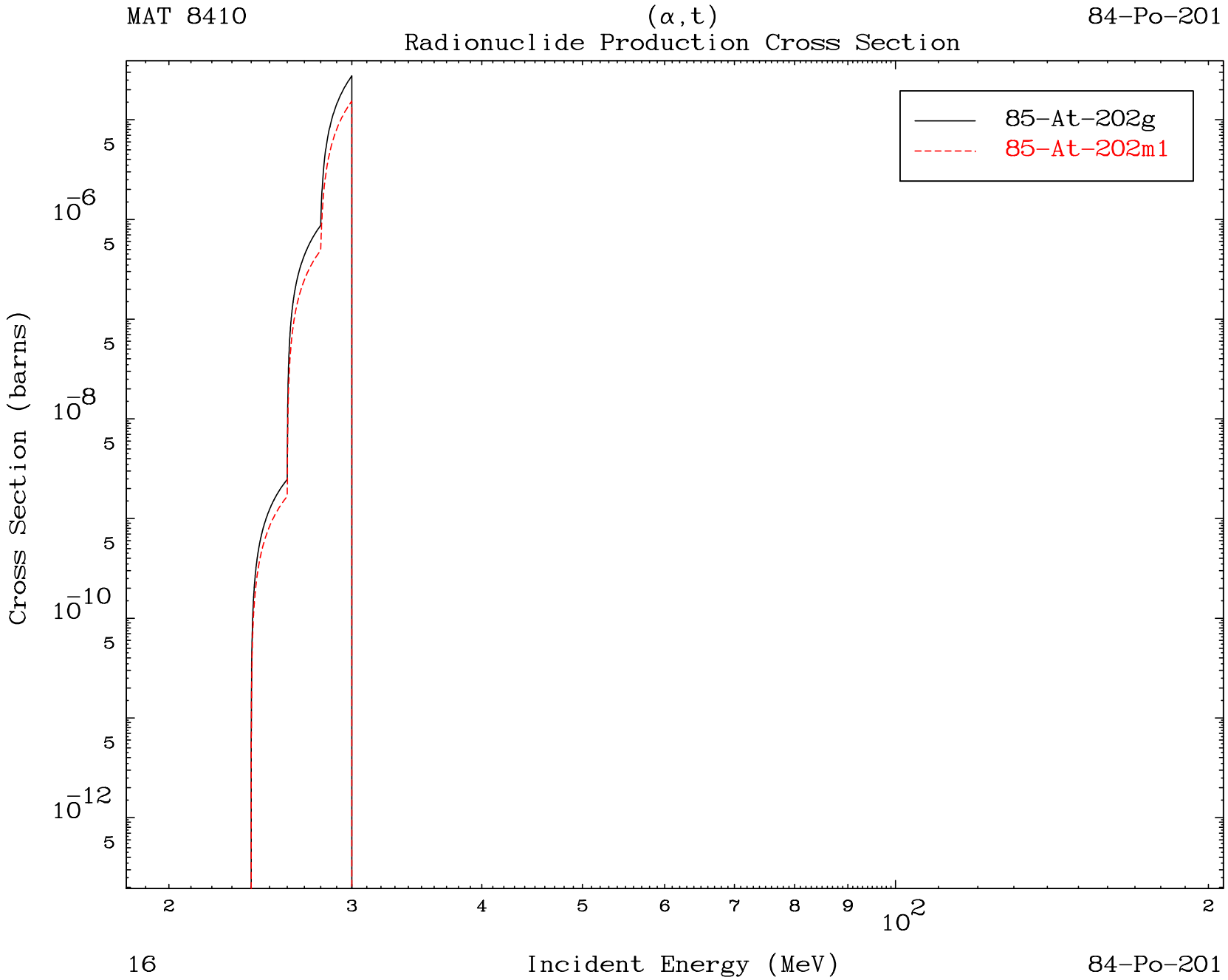

MAT 8410
(α,2n)
84-Po-201
Radionuclide Production Cross Section
86-Rn-203g
86-Rn-203m1
Cross Section (barns)
10-1
5
4
3
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
84-Po-201

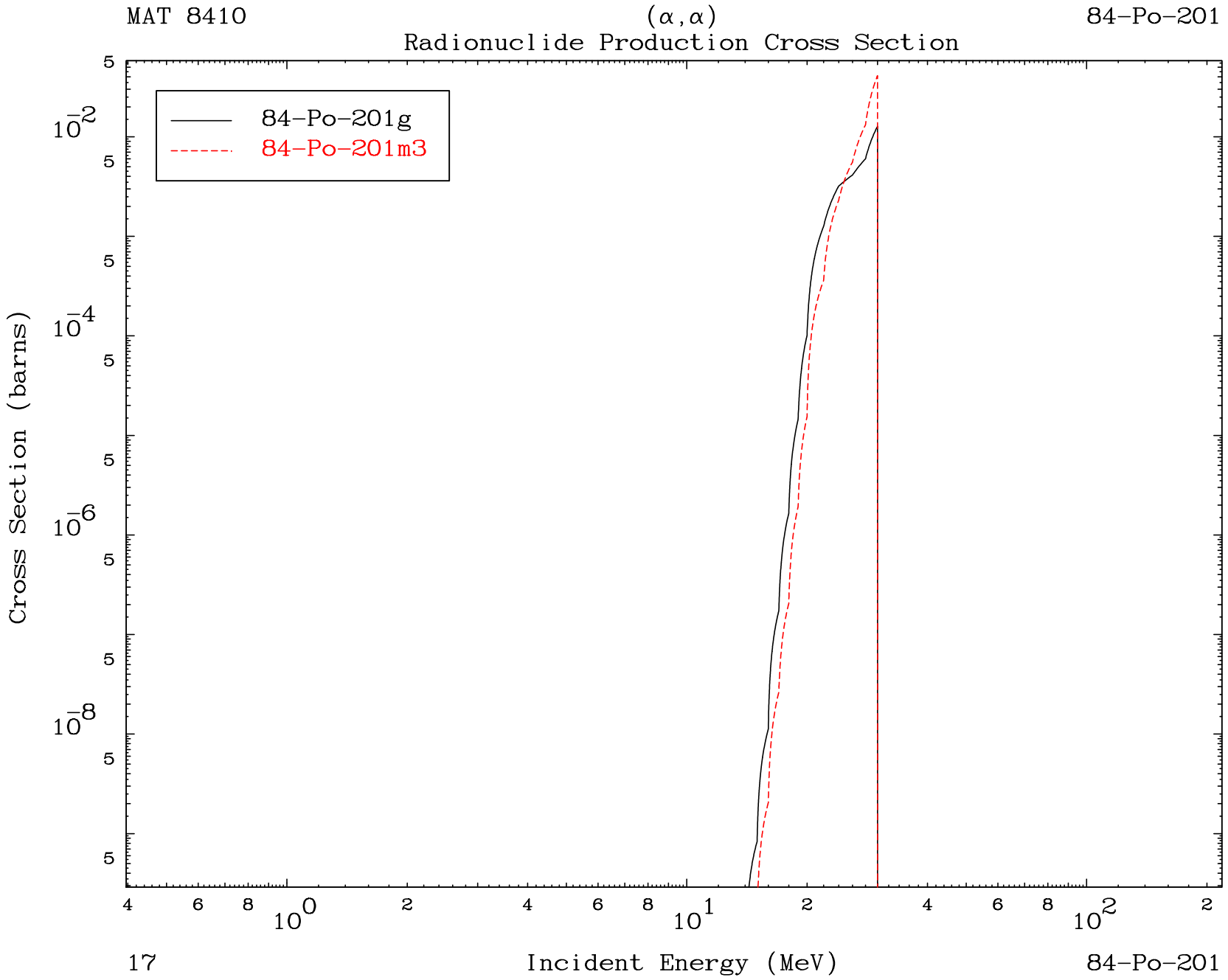

MAT 8410
α Fission
84-Po-201
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
84-Po-201

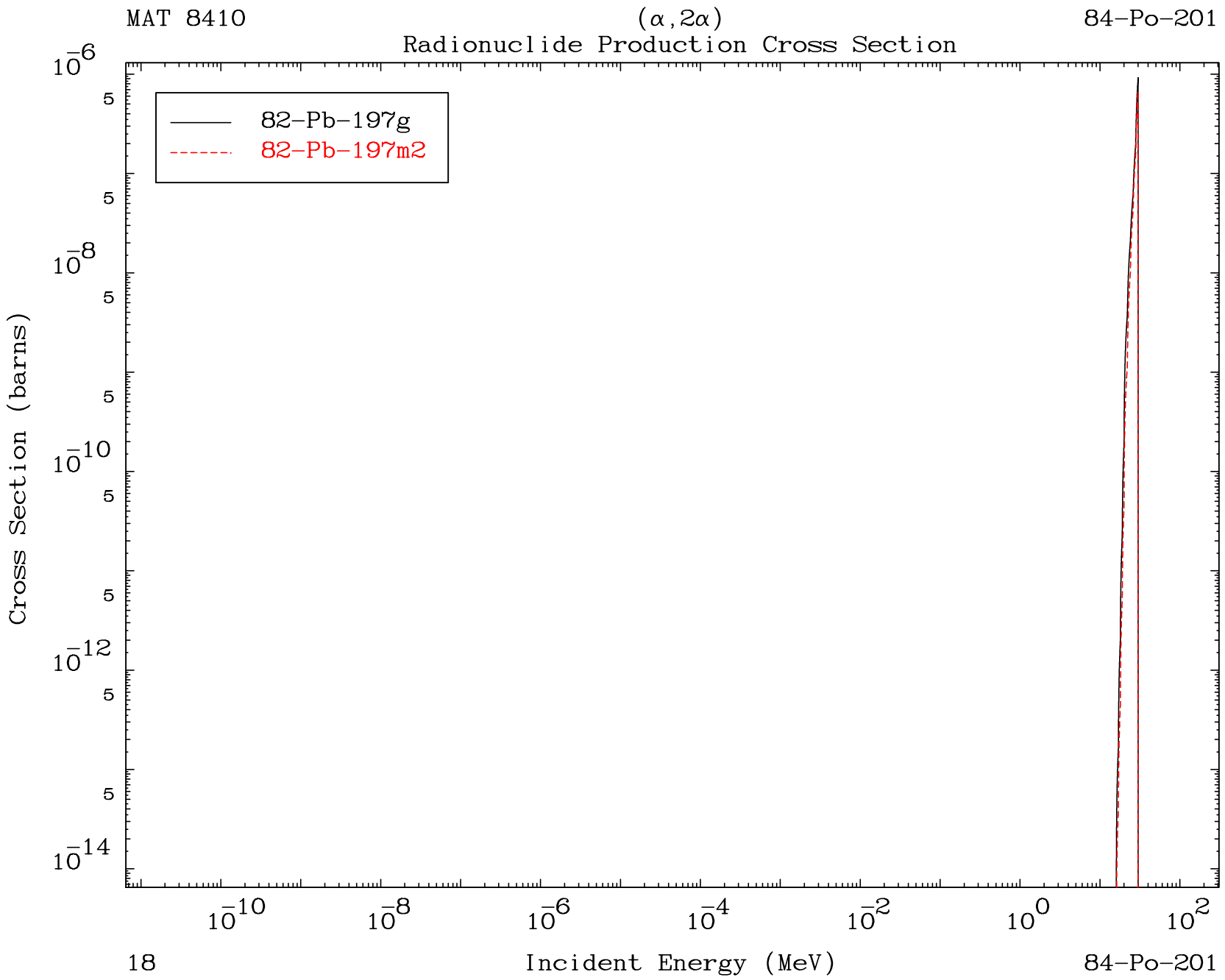

MAT 8410
(α,2n) α
84-Po-201
Radionuclide Production Cross Section
84-Po-199g
84-Po-199m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
13
Incident Energy (MeV)
84-Po-201

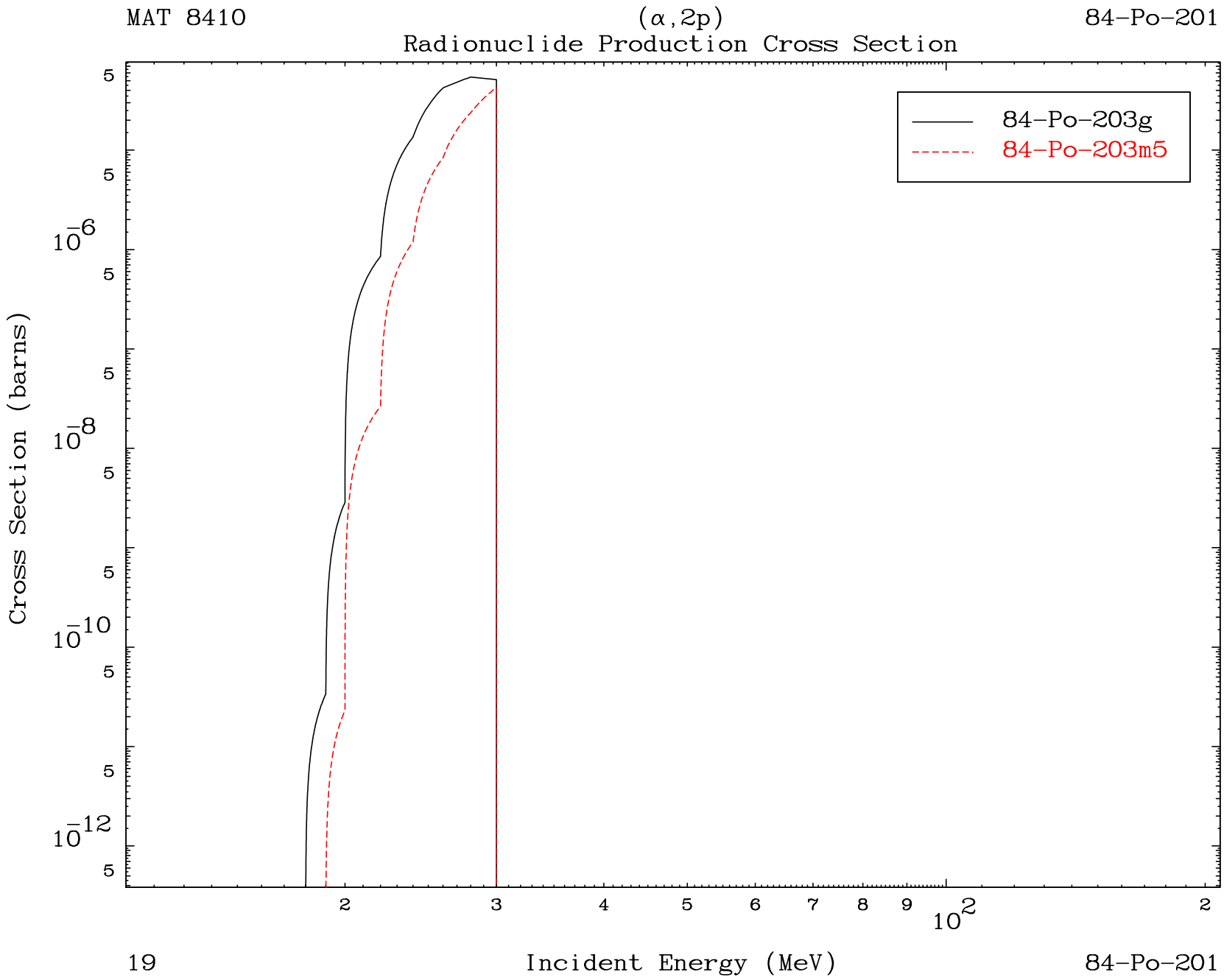

MAT 8410
(α,n') p α
84-Po-201
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
6
7
8
9
10^2
14
Incident Energy (MeV)
84-Po-201

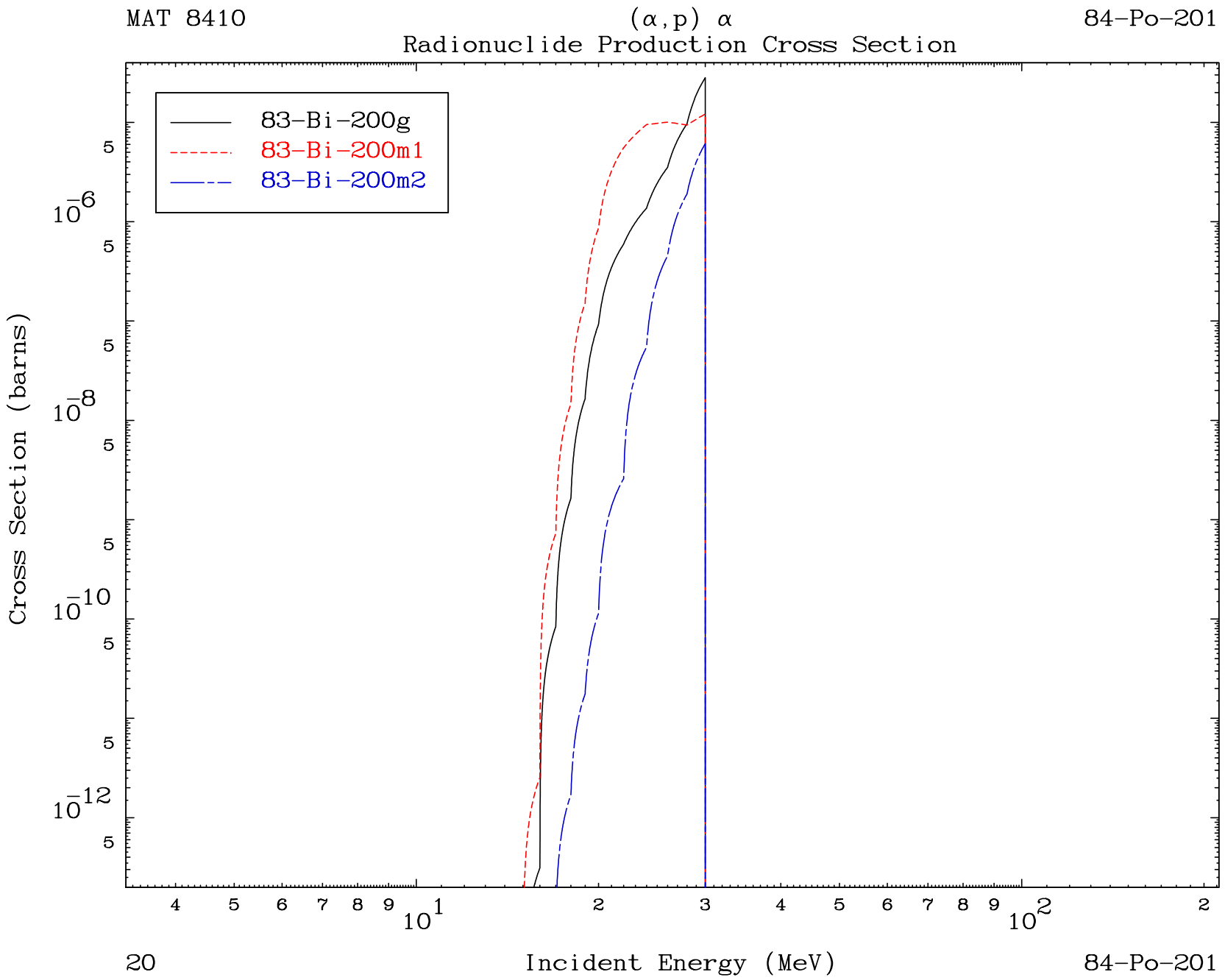

MAT 8410
(α,p)
84-Po-201
Radionuclide Production Cross Section
85-At-204g
85-At-204m1
Cross Section (barns)
Incident Energy (MeV)
84-Po-201
15

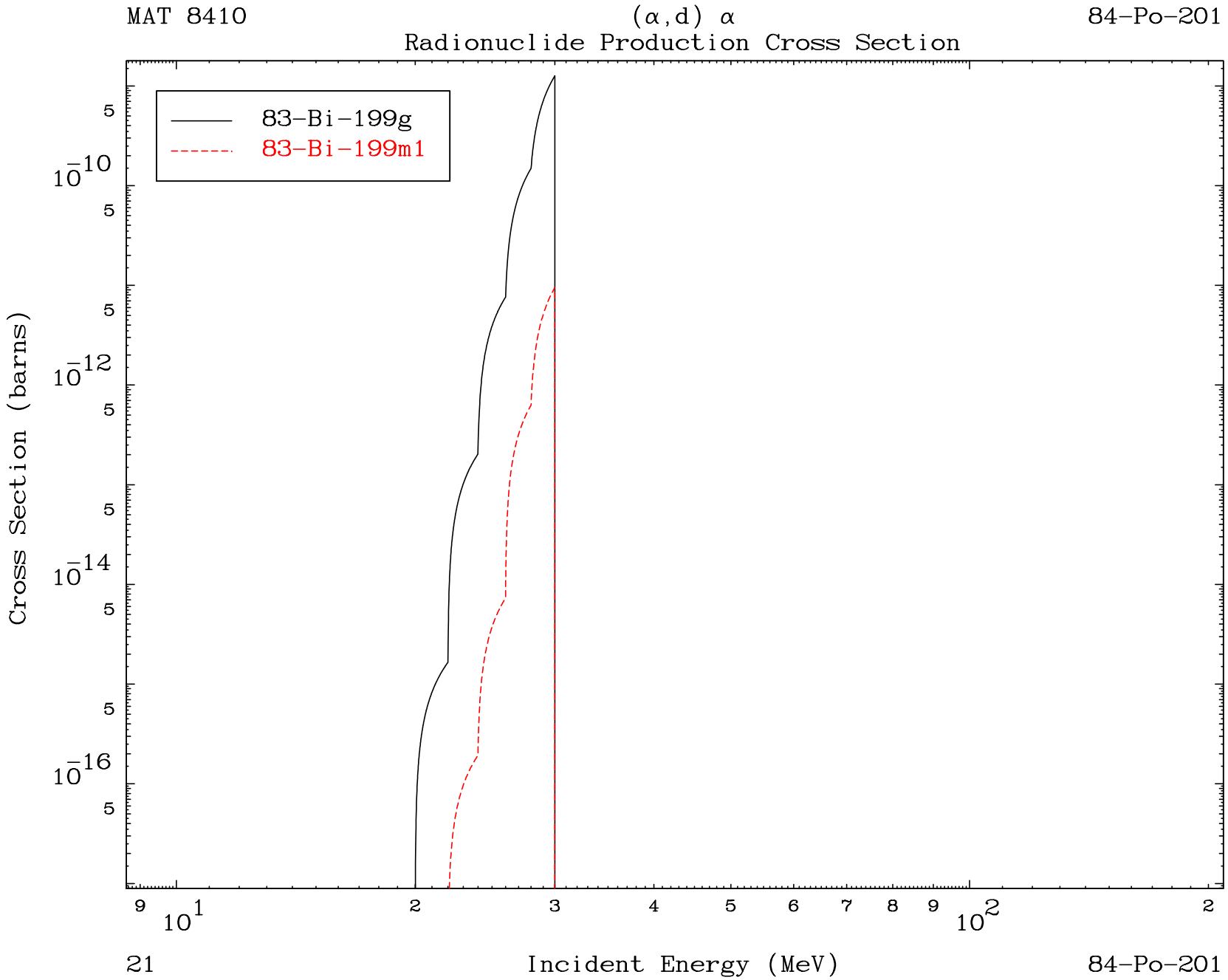

MAT 8410
(α,t)
84-Po-201
Radionuclide Production Cross Section
85-At-202g
85-At-202m1
Cross Section (barns)
10-6
10-8
10-10
10-12
5
2
3
4
5
6
7
8
9
10 2
2
16
Incident Energy (MeV)
84-Po-201


MAT 8410
(α,α)
84-Po-201
Radionuclide Production Cross Section
84-Po-201g
84-Po-201m3
Cross Section (barns)
Incident Energy (MeV)
17
84-Po-201


MAT 8410
(α,2α)
84-Po-201
Radionuclide Production Cross Section
82-Pb-197g
82-Pb-197m2
Cross Section (barns)
Incident Energy (MeV)
18
84-Po-201


MAT 8410
(α,2p)
84-Po-201
Radionuclide Production Cross Section
84-Po-203g
84-Po-203m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
19
Incident Energy (MeV)
84-Po-201


MAT 8410
(α,p) α
84-Po-201
Radionuclide Production Cross Section
83-Bi-200g
83-Bi-200m1
83-Bi-200m2
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
20
84-Po-201


MAT 8410
(α,d) α
84-Po-201
Radionuclide Production Cross Section
83-Bi-199g
83-Bi-199m1
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
21
Incident Energy (MeV)
84-Po-201