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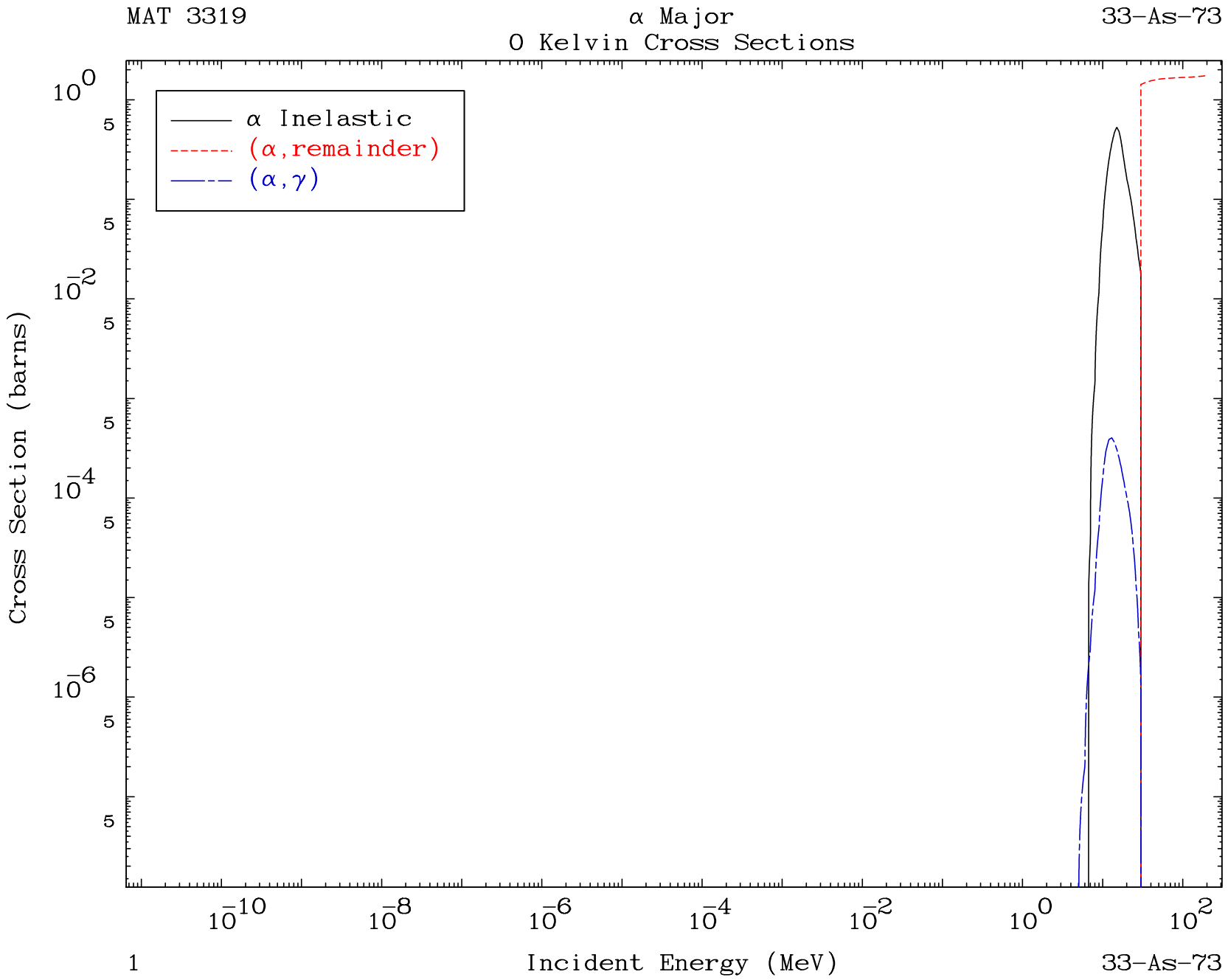
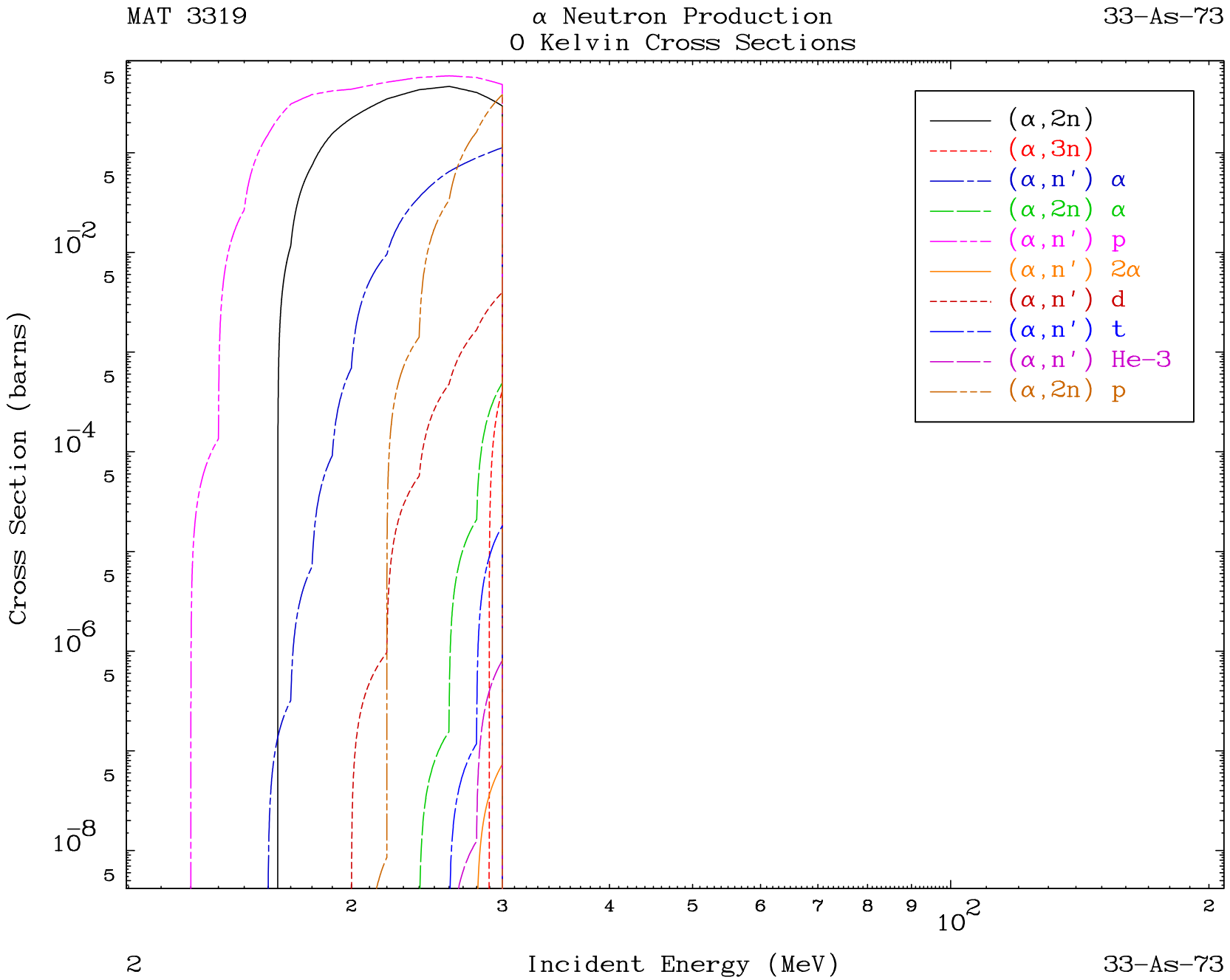
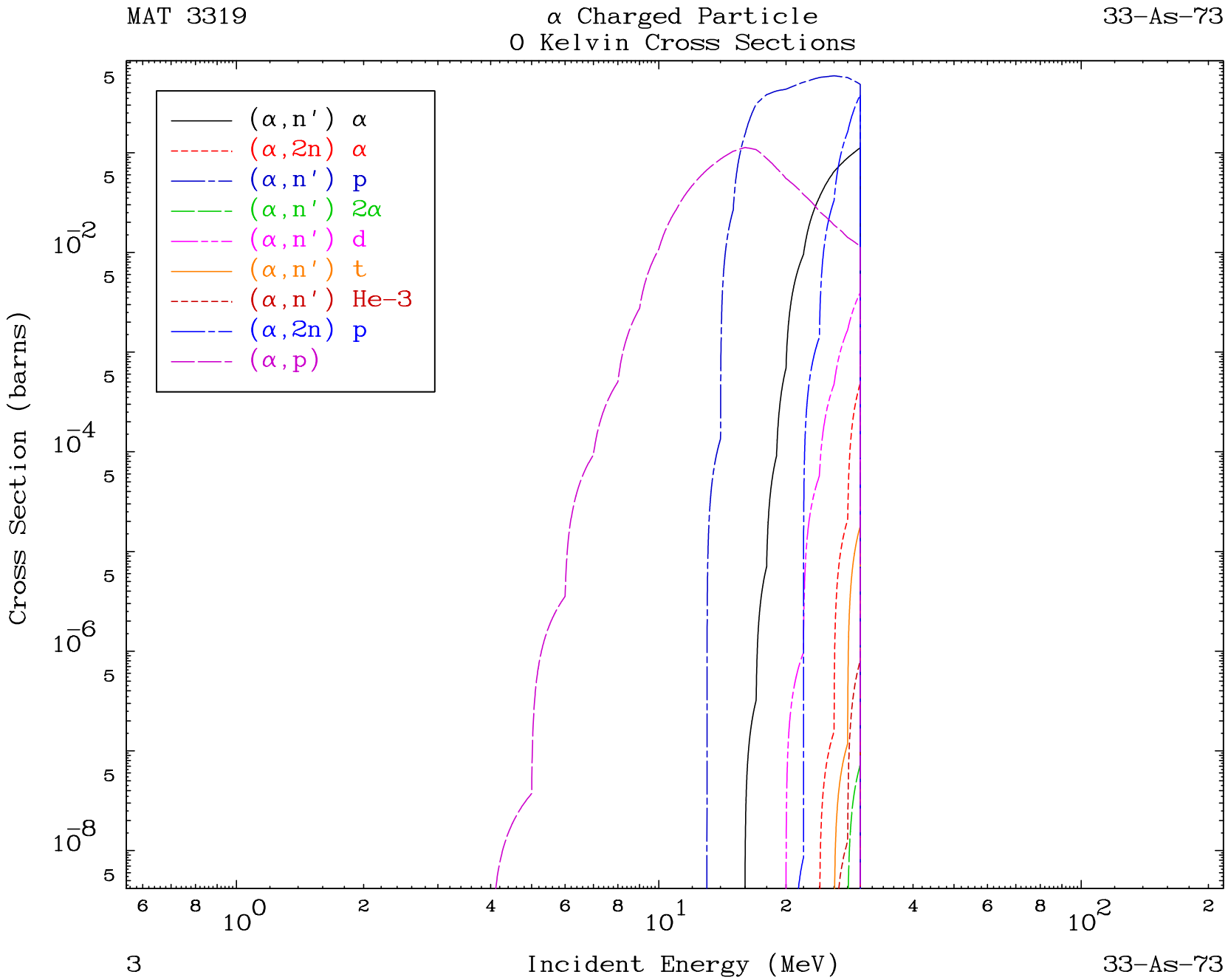
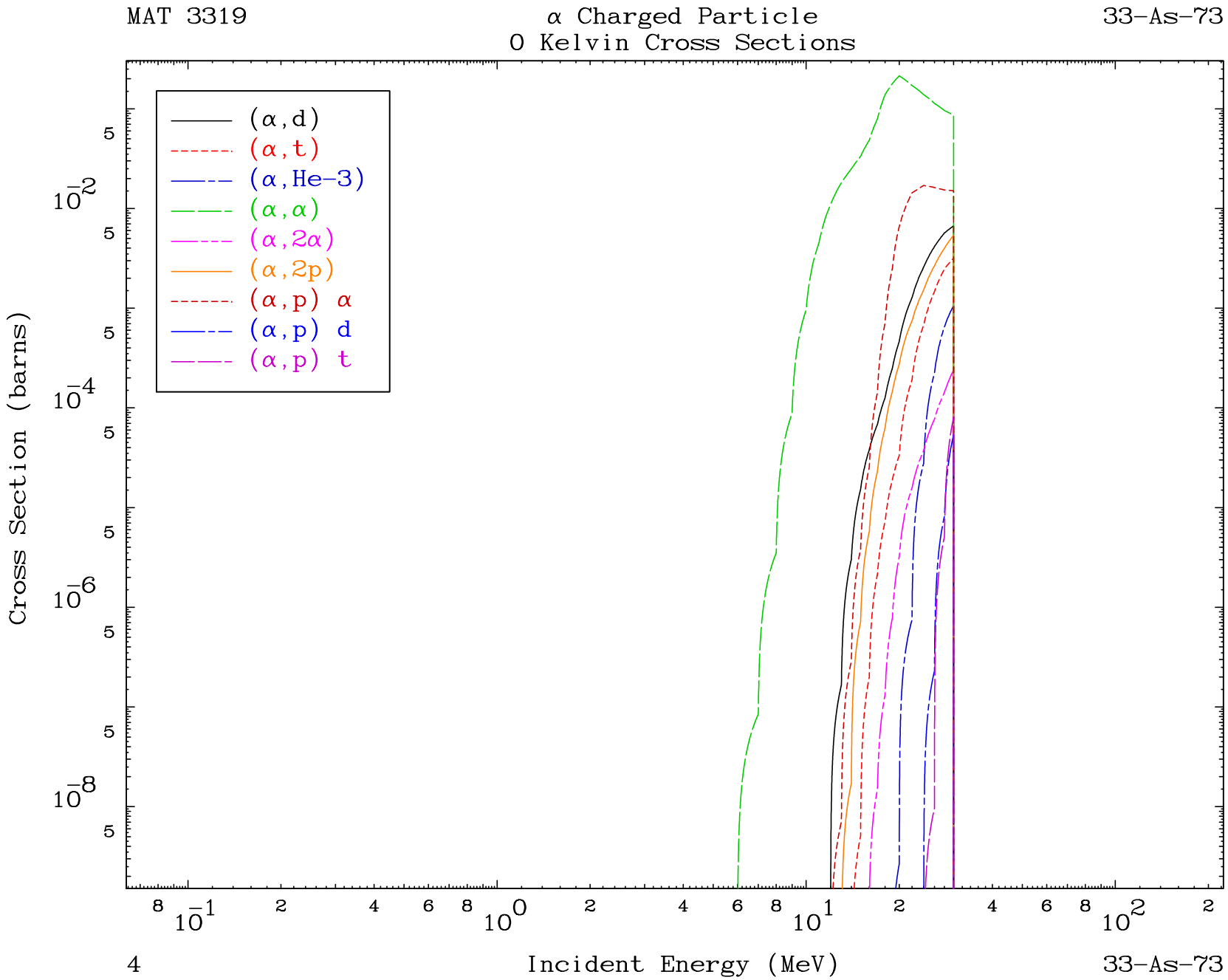
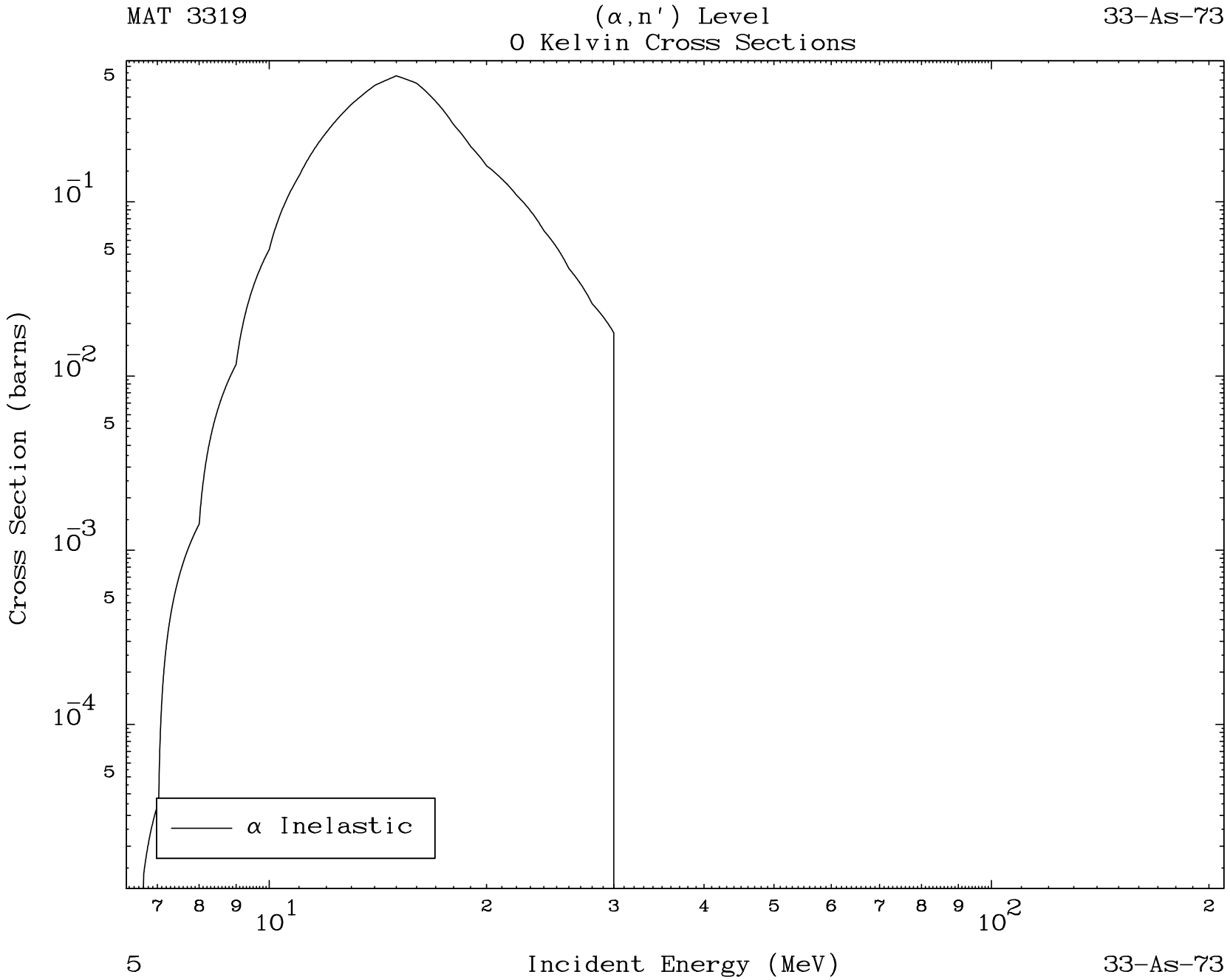
Press Mouse Button to Start

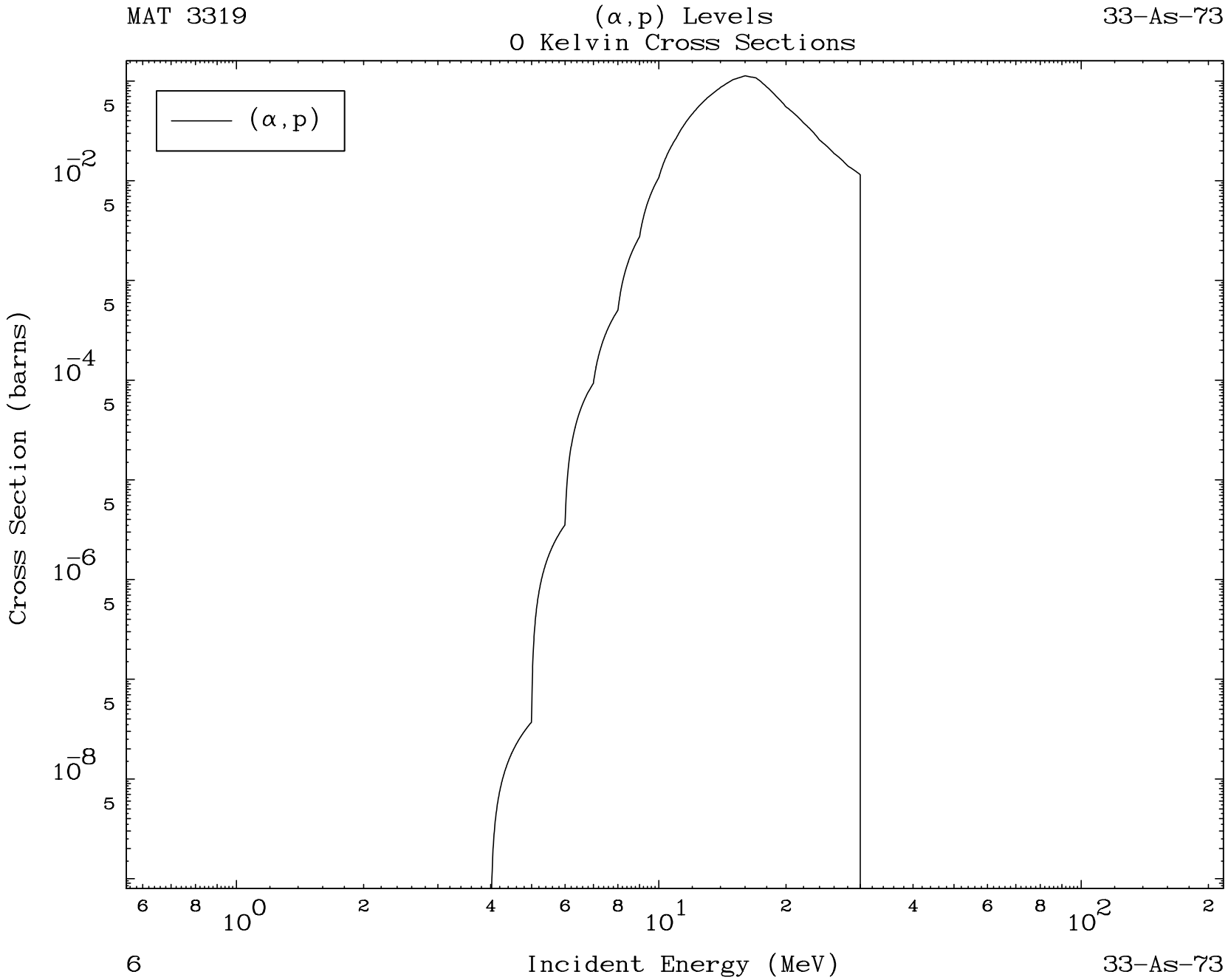

MAT 3319
α Major
33-As-73
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
33-As-73

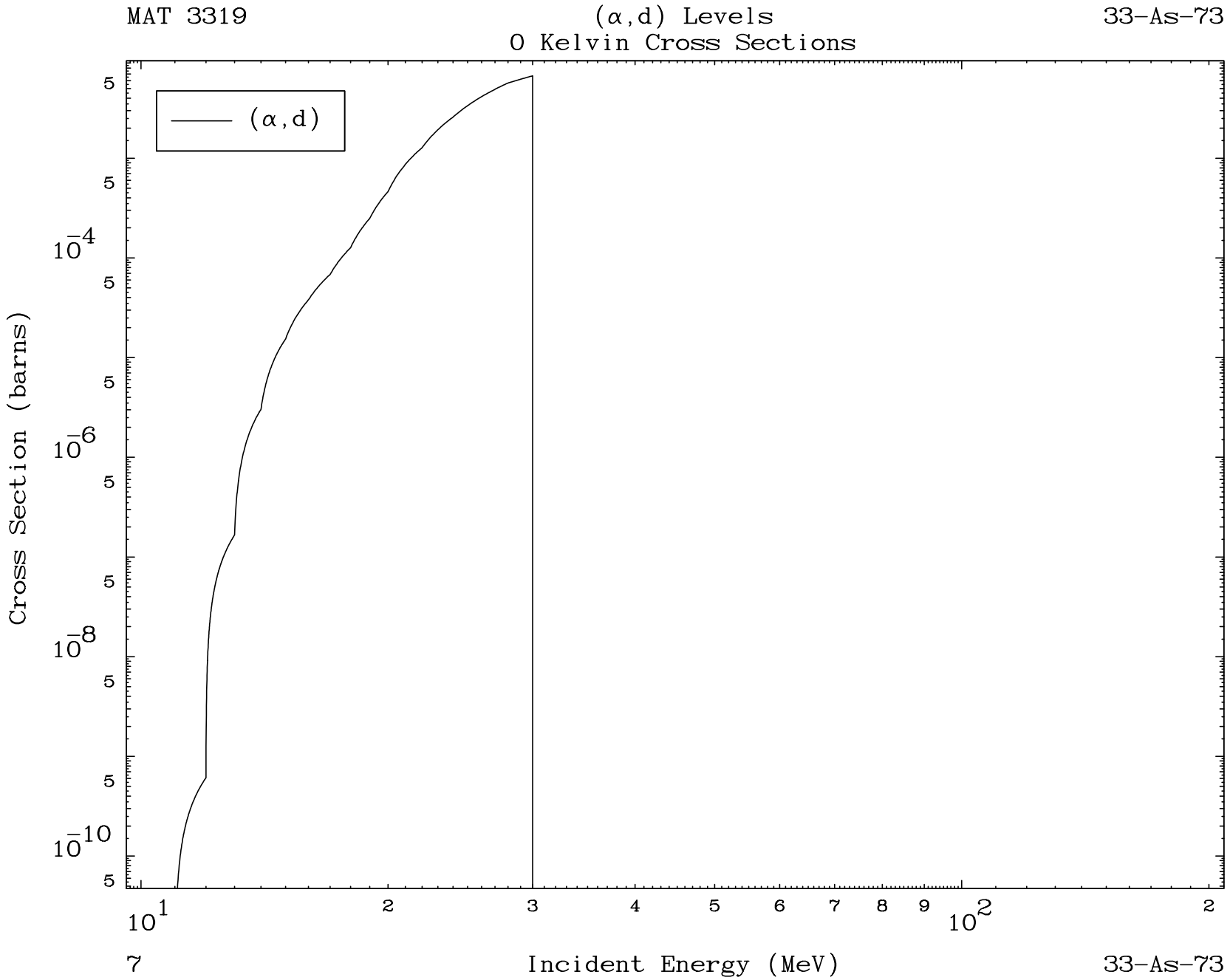

MAT 3319
α Neutron Production
0 Kelvin Cross Sections
33-As-73
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p


MAT 3319
α Charged Particle
0 Kelvin Cross Sections
33-As-73
(α,n') α
(α,2n) α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
Cross Section (barns)
Incident Energy (MeV)
3
33-As-73

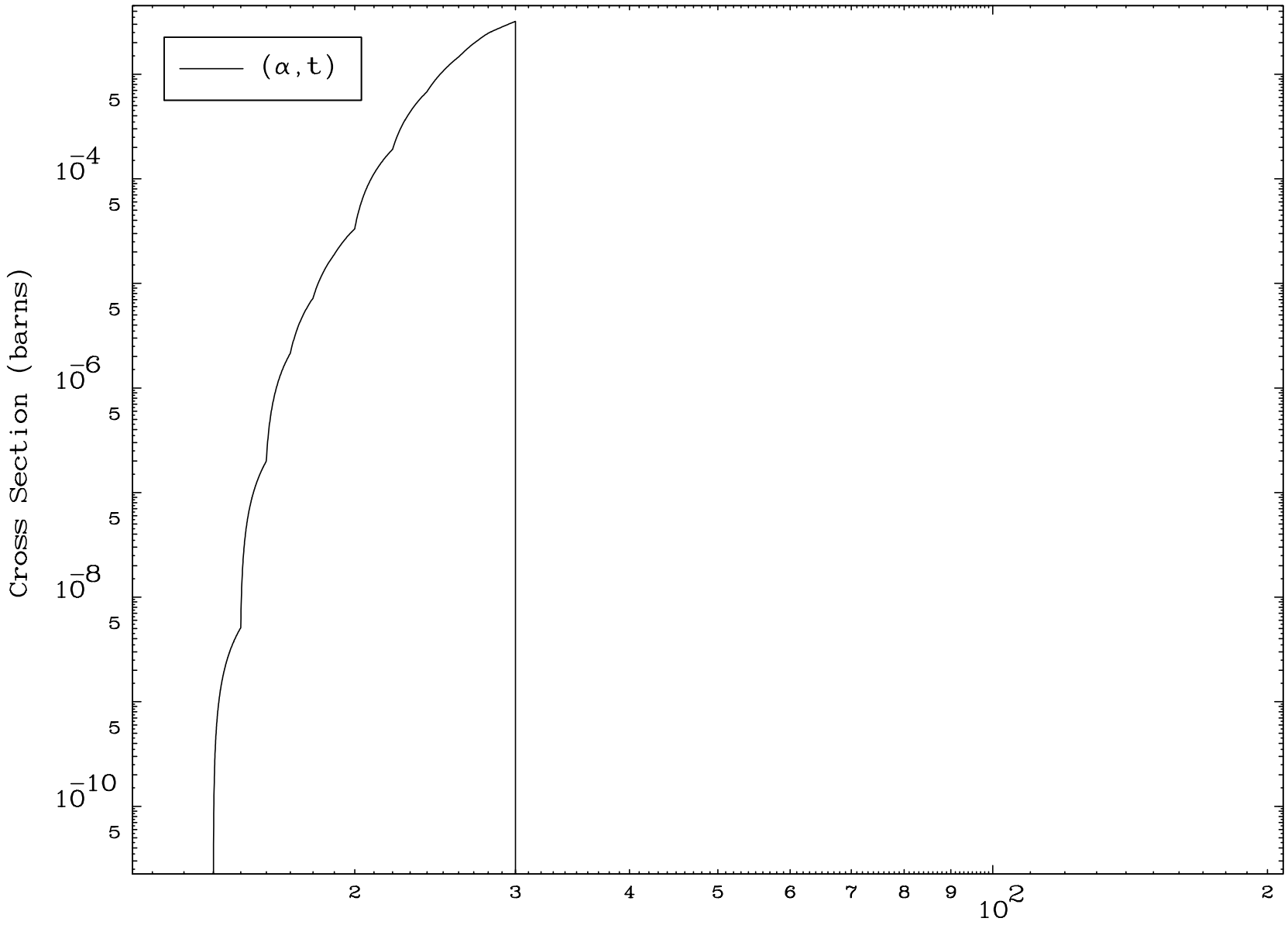

MAT 3319
α Charged Particle
0 Kelvin Cross Sections
33-As-73
(α,d)
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
33-As-73

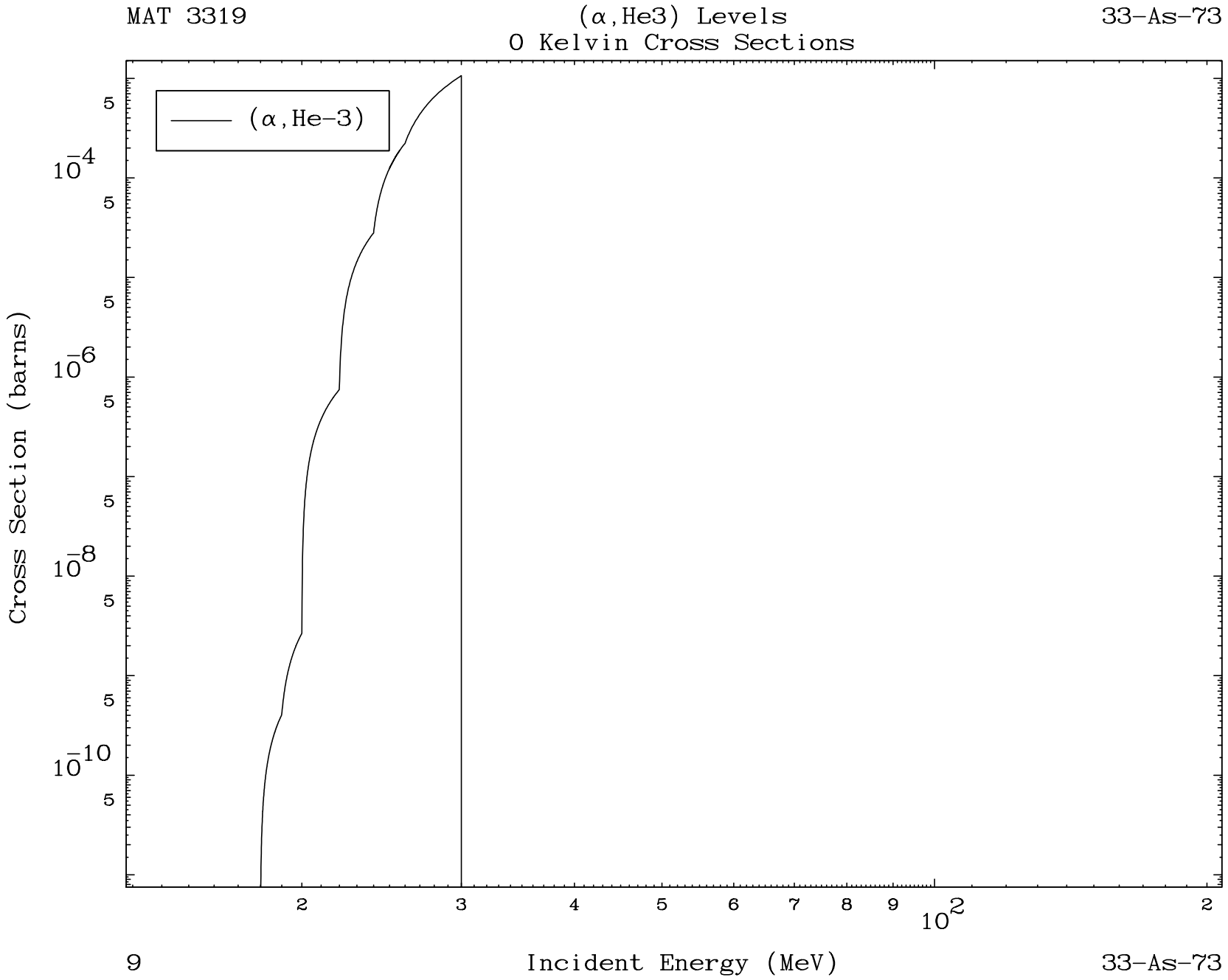

MAT 3319
(α,n') Level
33-As-73
0 Kelvin Cross Sections
Cross Section (barns)
10-1
10-2
10-3
10-4
α Inelastic
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
5
Incident Energy (MeV)
33-As-73

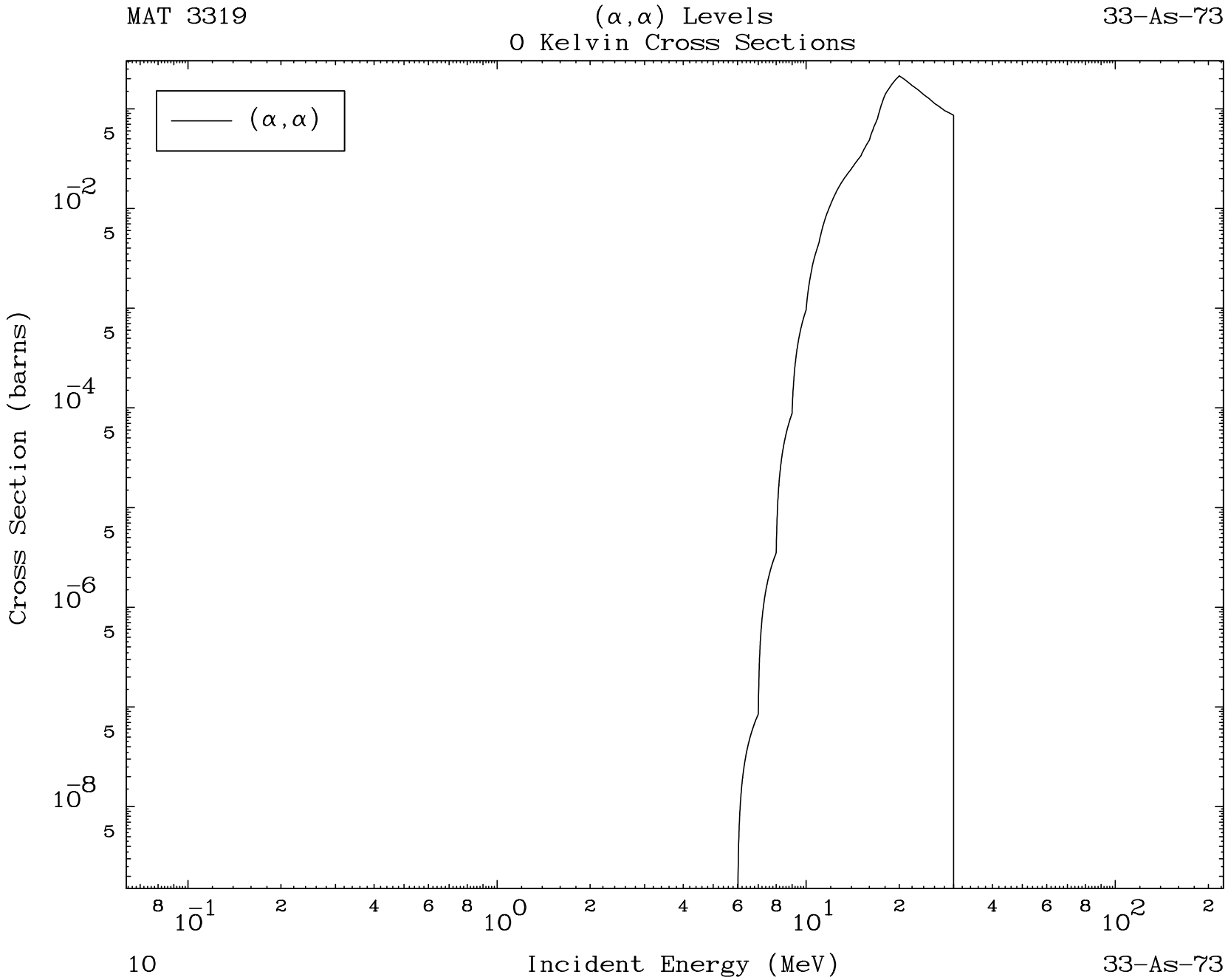

MAT 3319
(α,p) Levels
33-As-73
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
10^0
10^1
10^2
Incident Energy (MeV)
6
33-As-73

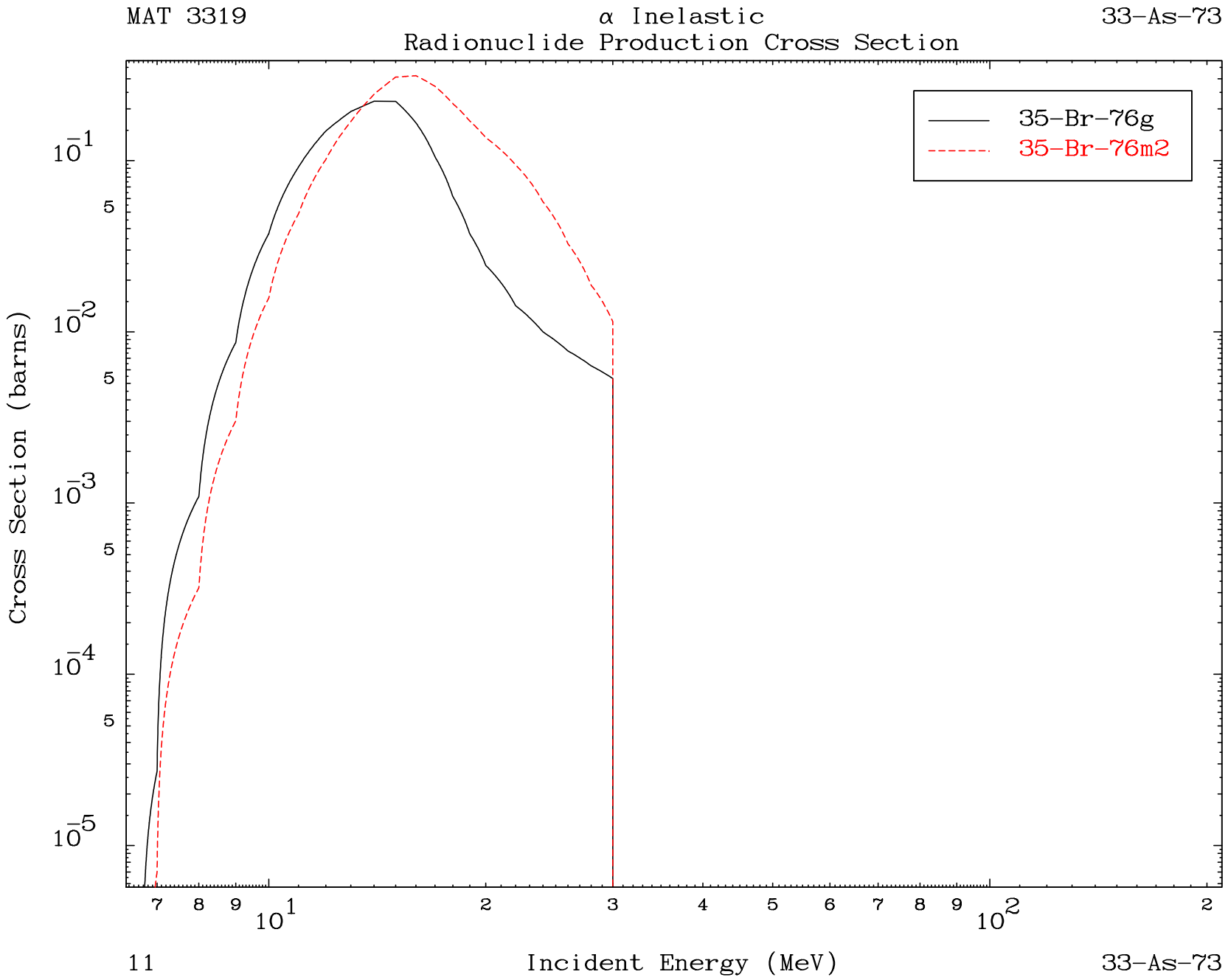

MAT 3319
(α,d) Levels
33-As-73
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
33-As-73
7

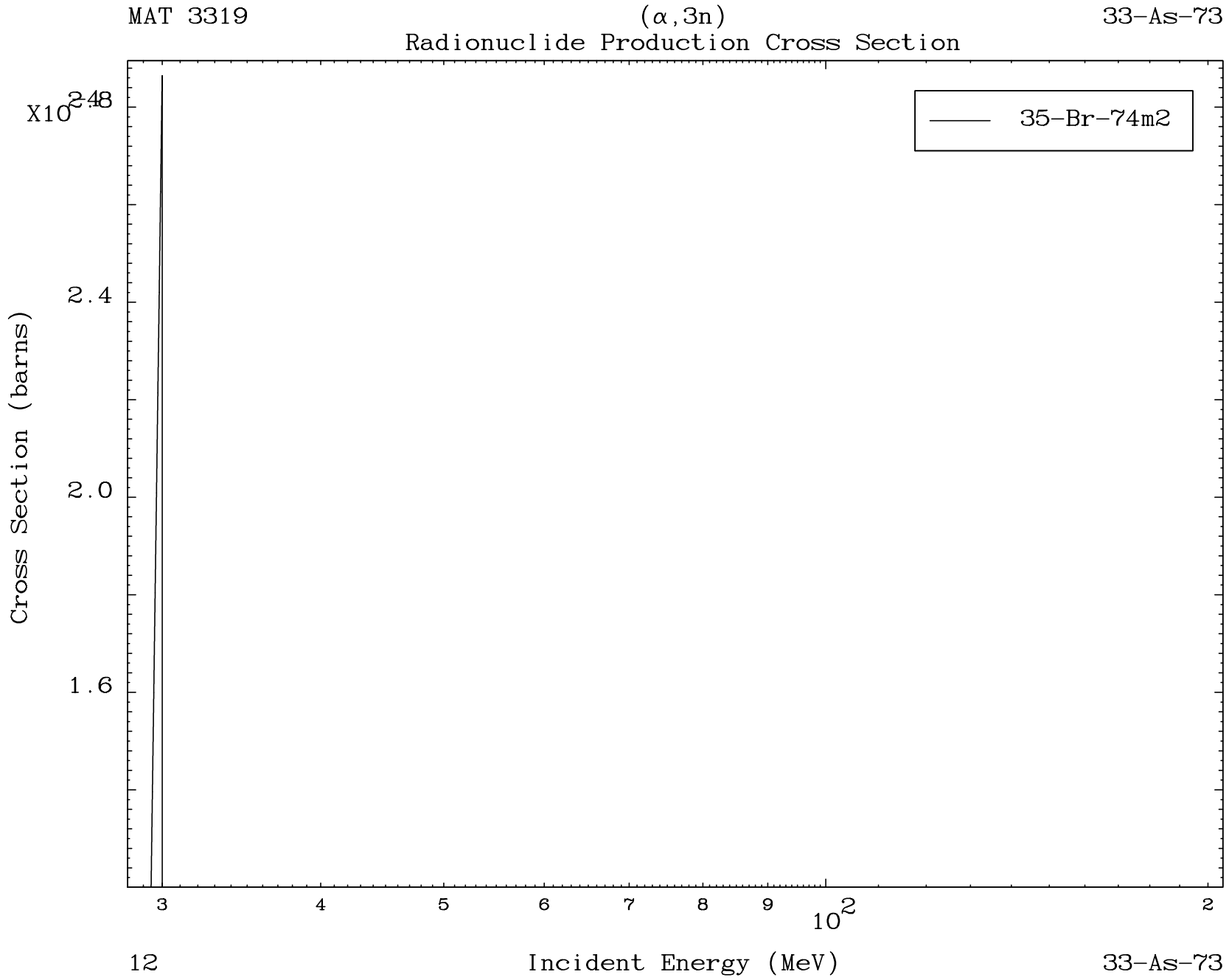
0 Kelvin Cross Sections

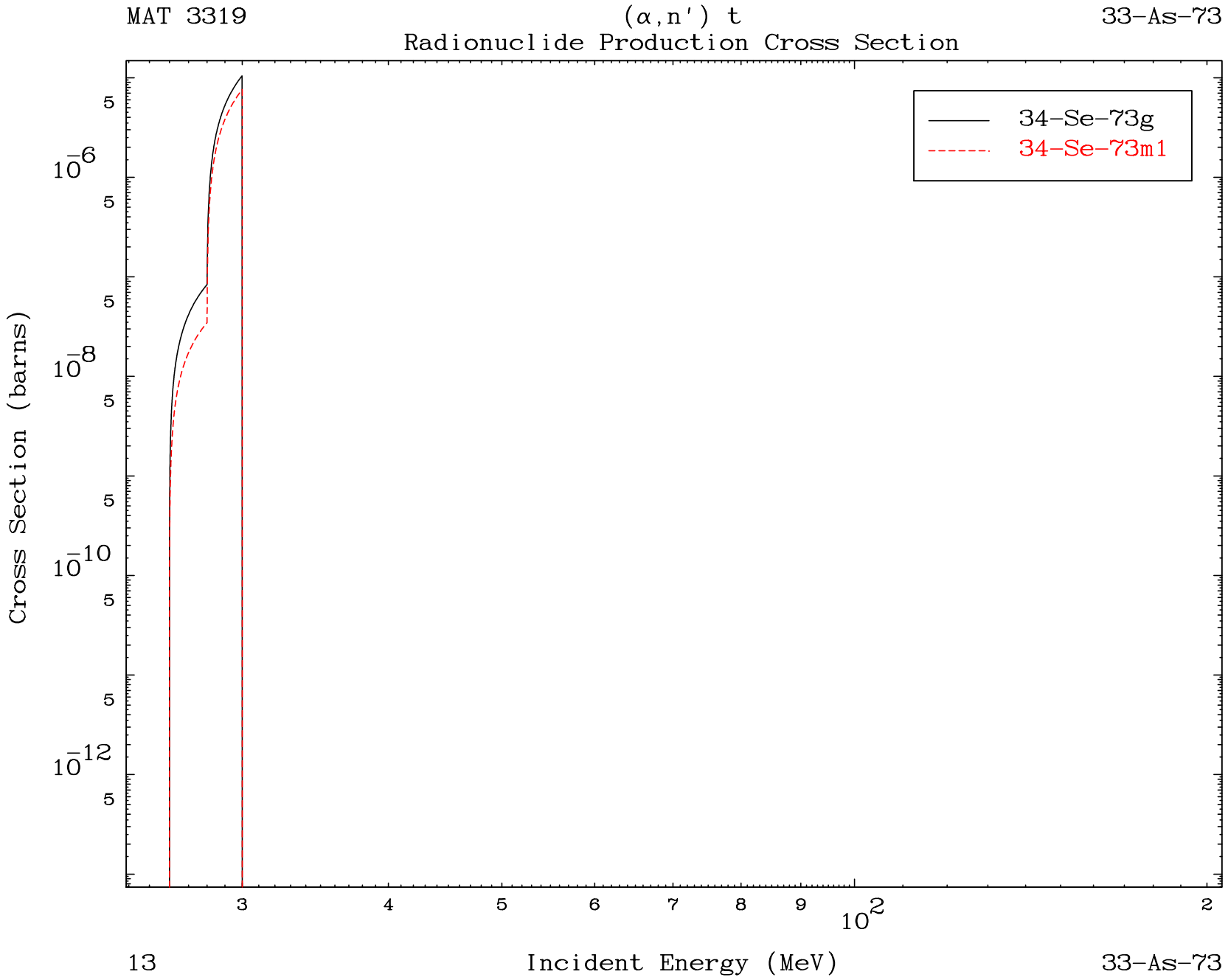


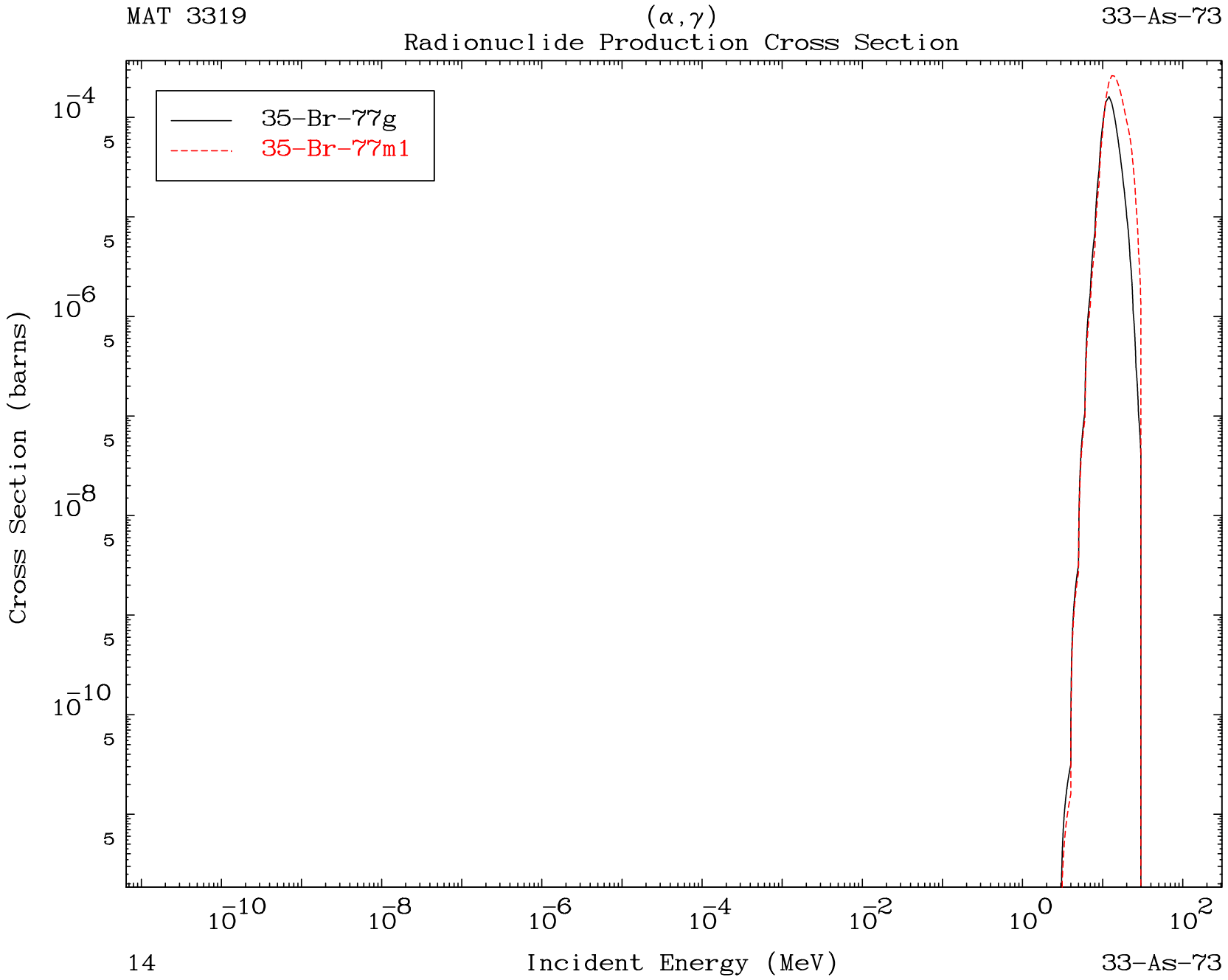

MAT 3319
(α,He3) Levels
33-As-73
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
9
33-As-73


MAT 3319
(α,α) Levels
33-As-73
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
33-As-73


MAT 3319
α Inelastic
33-As-73
Radionuclide Production Cross Section
35-Br-76g
35-Br-76m2
Cross Section (barns)
Incident Energy (MeV)
11
33-As-73


MAT 3319
(α,3n)
33-As-73
Radionuclide Production Cross Section
X10-2
2.8
2.4
2.0
1.6
Cross Section (barns)
35-Br-74m2
3
4
5
6
7
8
9
10 2
2
12
Incident Energy (MeV)
33-As-73


MAT 3319
(α,n') t
33-As-73
Radionuclide Production Cross Section
34-Se-73g
34-Se-73m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
33-As-73


MAT 3319
(α,γ)
33-As-73
Radionuclide Production Cross Section
35-Br-77g
35-Br-77m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^-10
10^-8
10^-6
10^-4
10^-2
10^0
10^2
14
Incident Energy (MeV)
33-As-73