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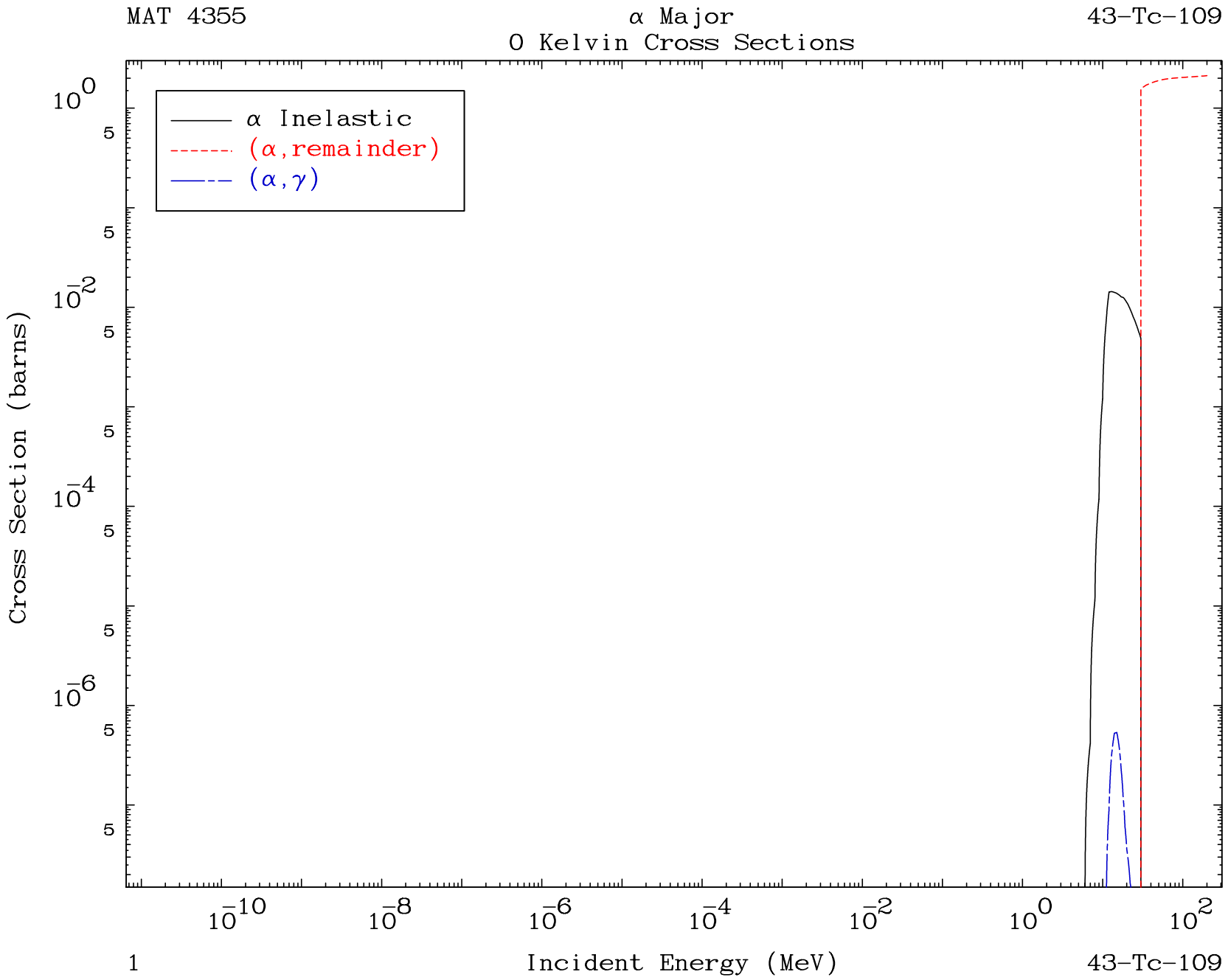
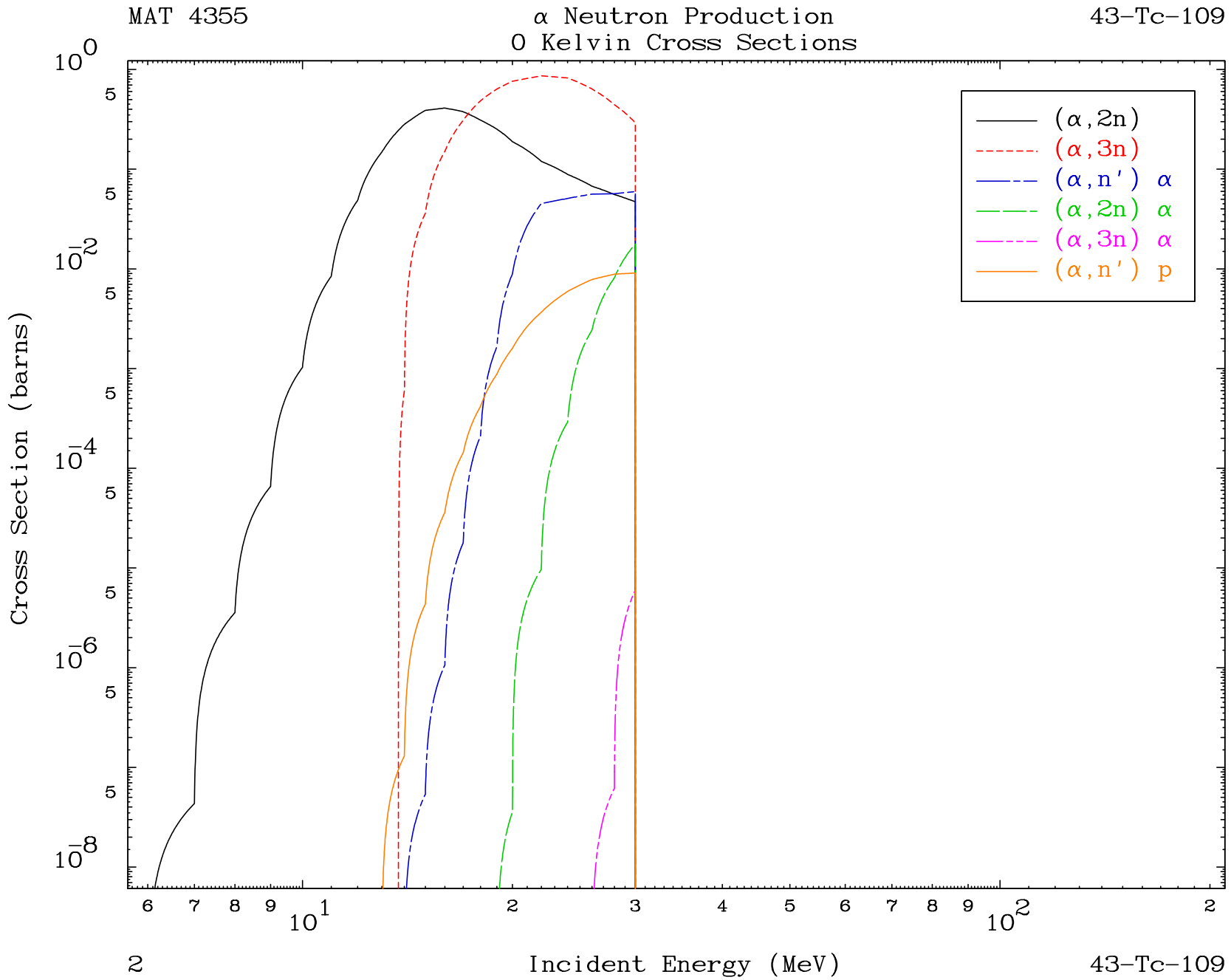
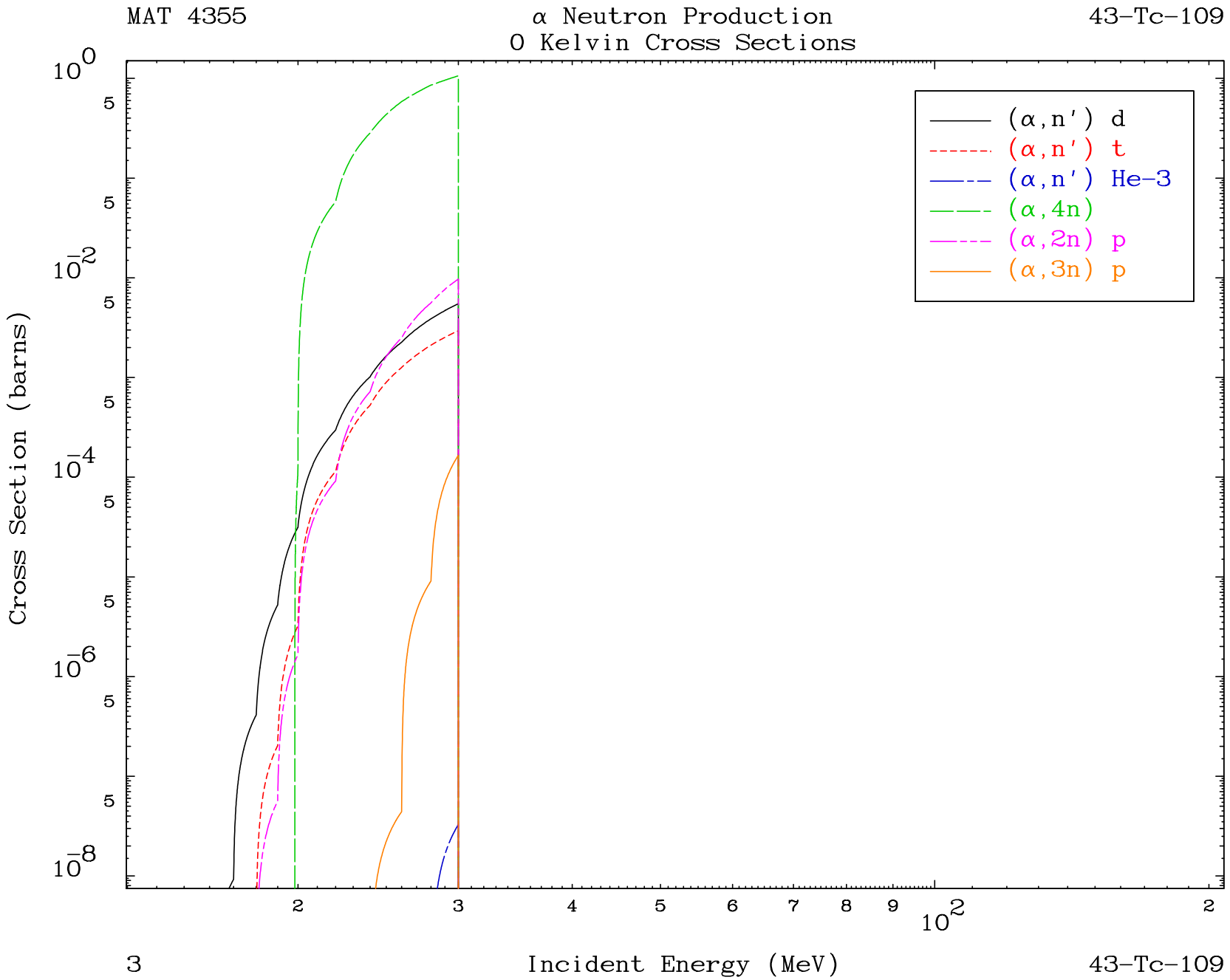
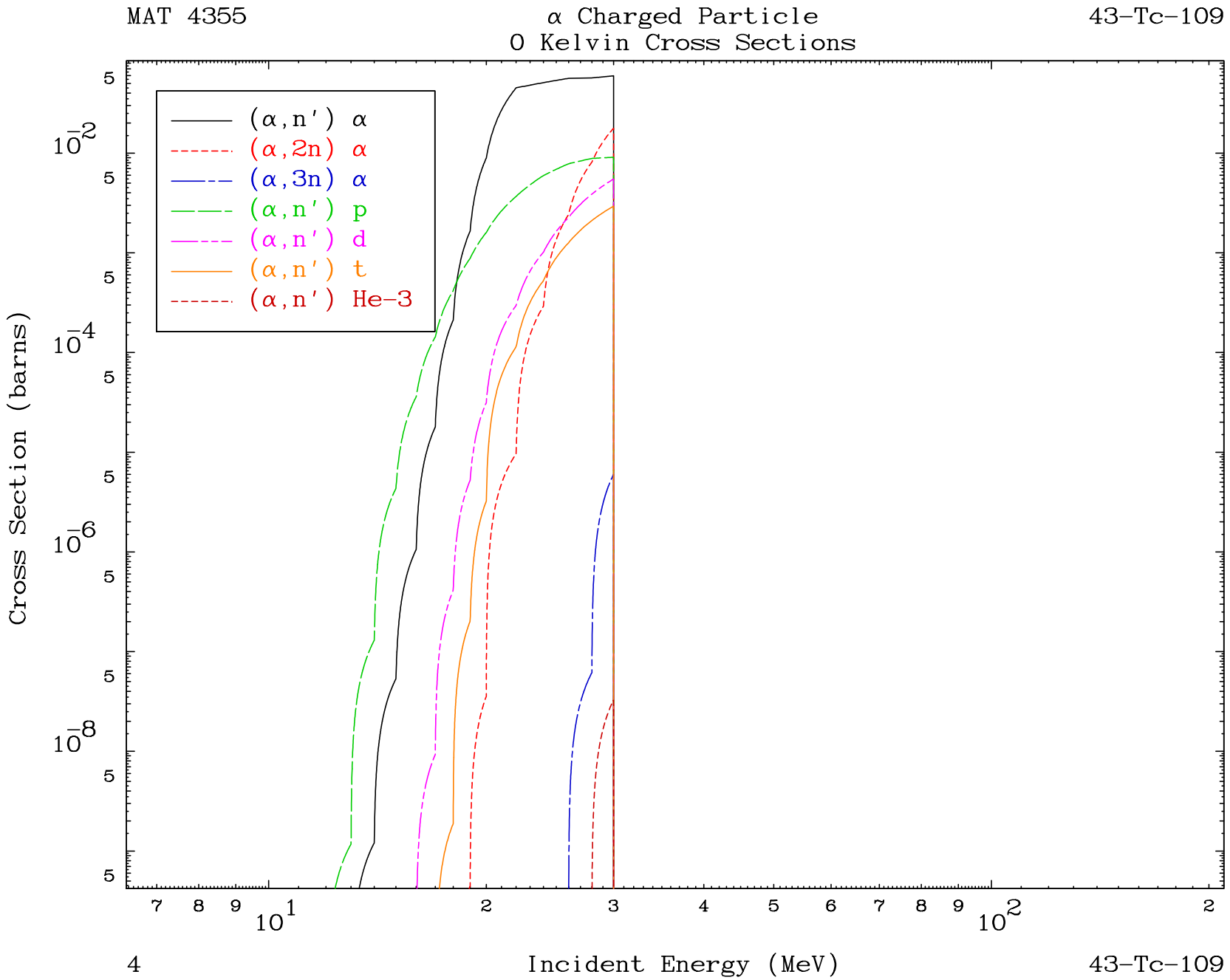
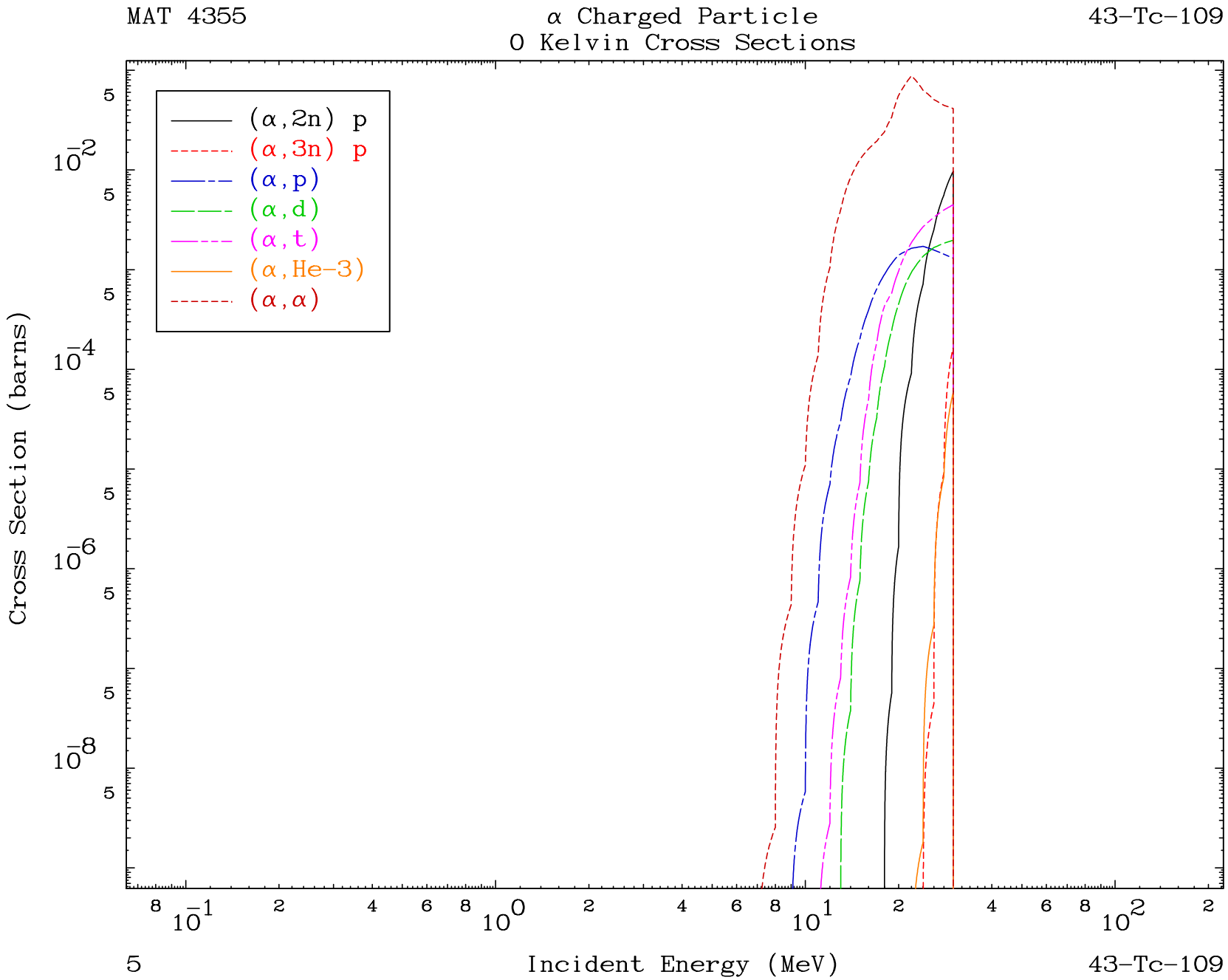
Press Mouse Button to Start

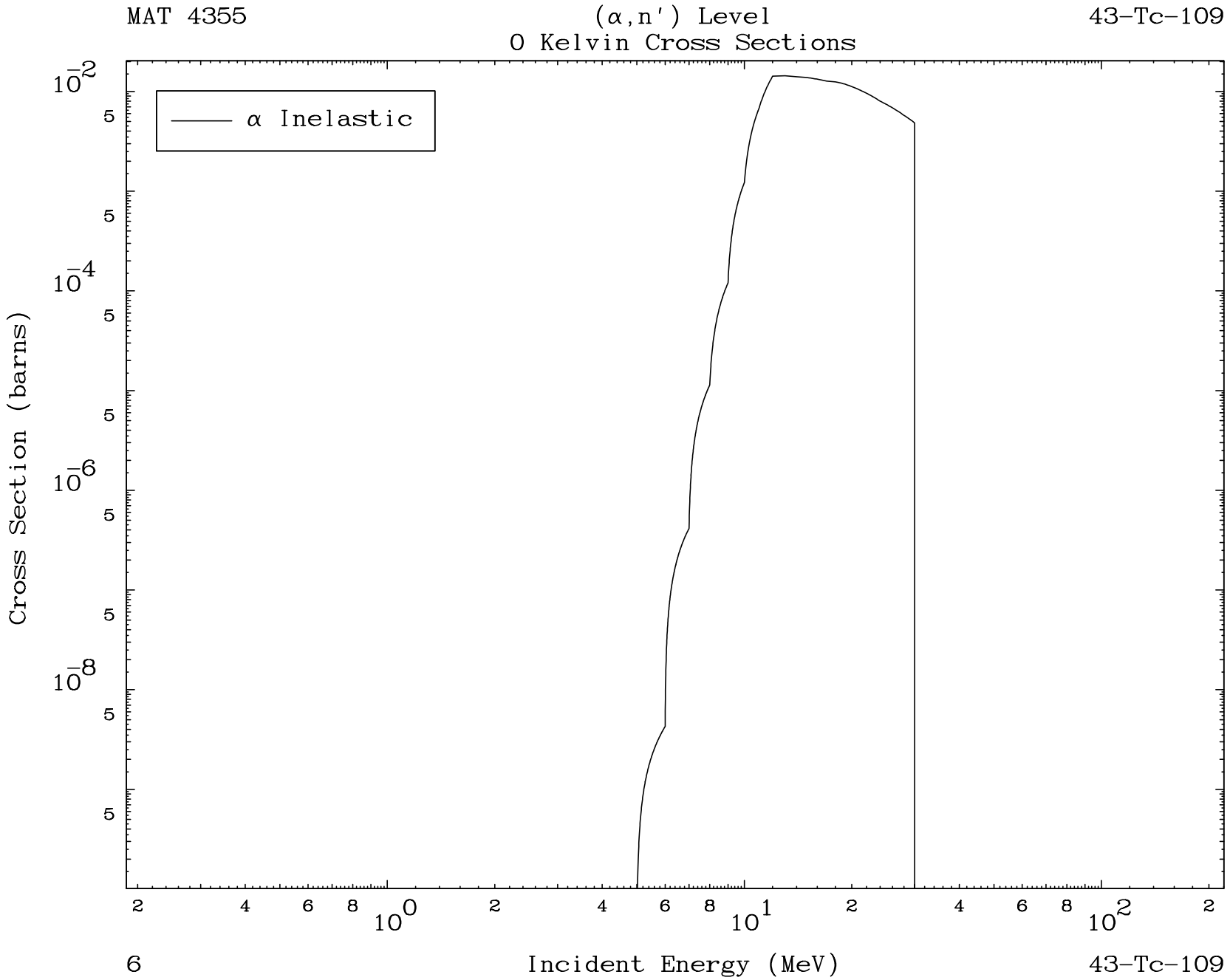

MAT 4355
α Major
43-Tc-109
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
43-Tc-109

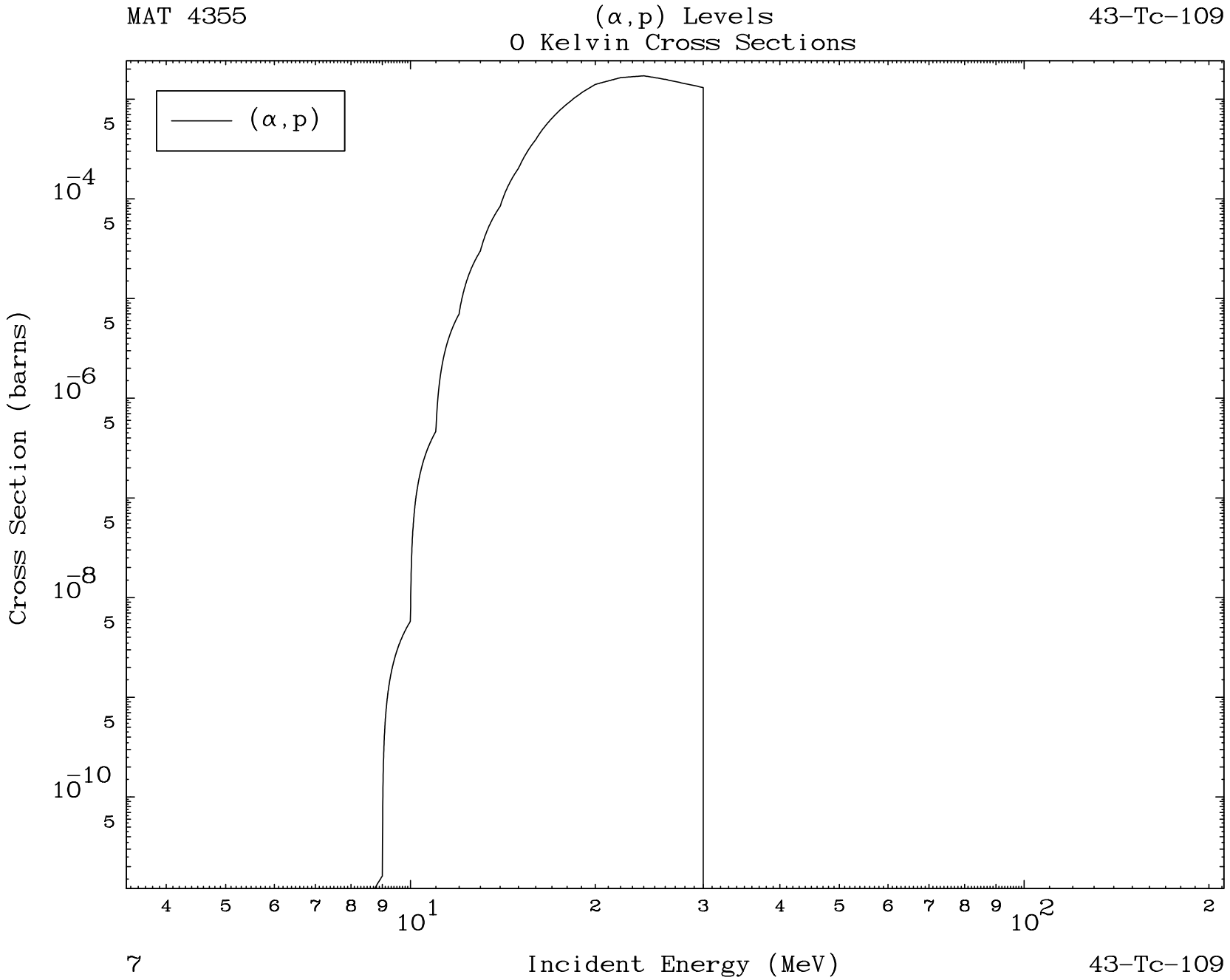

MAT 4355
α Neutron Production
0 Kelvin Cross Sections
43-Tc-109
Cross Section (barns)
Incident Energy (MeV)
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
43-Tc-109

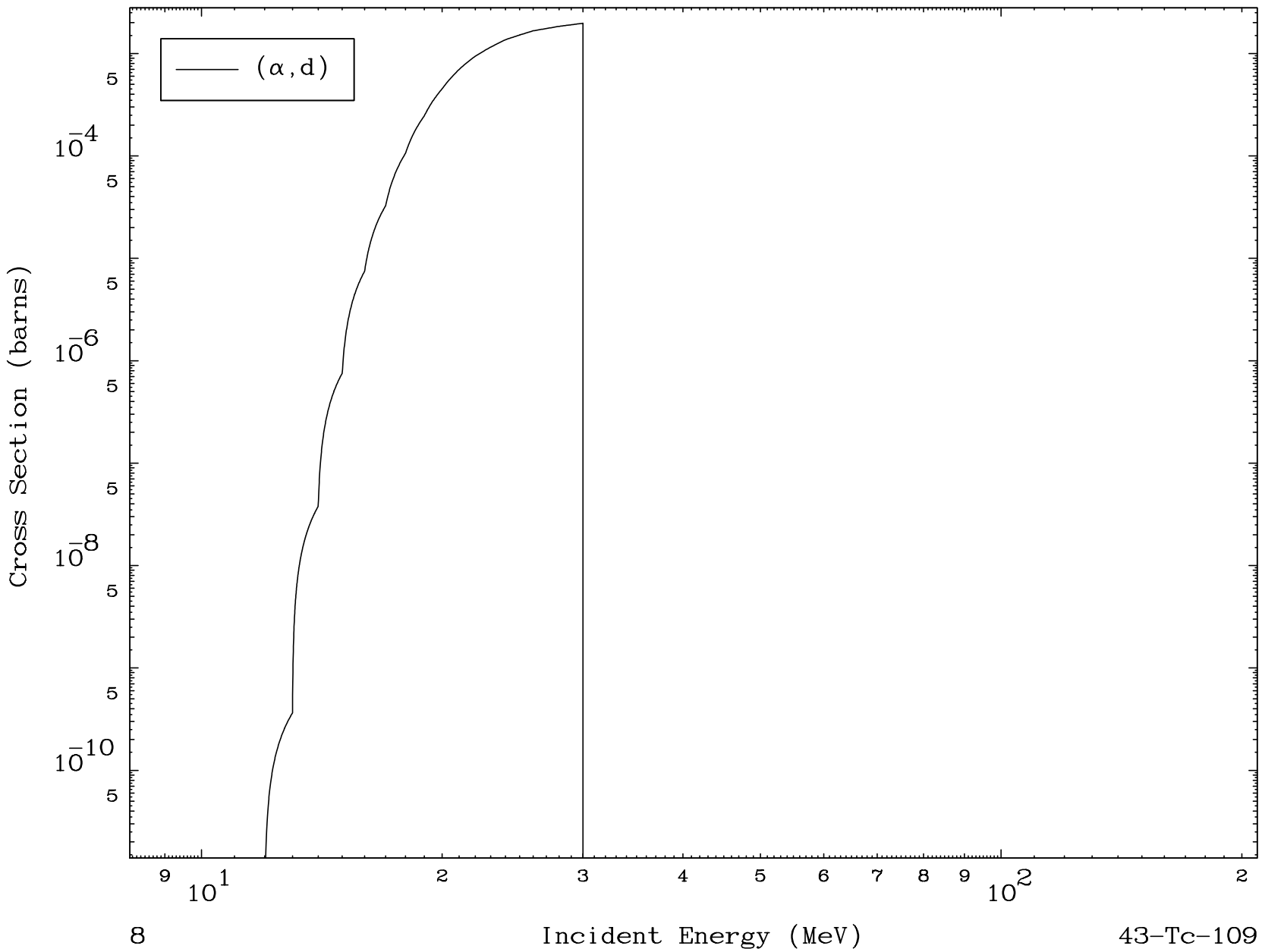

MAT 4355
α Neutron Production
0 Kelvin Cross Sections
43-Tc-109
Cross Section (barns)
Incident Energy (MeV)
(α,n') d
(α,n') t
(α,n') He-3
(α,4n)
(α,2n) p
(α,3n) p
3
43-Tc-109

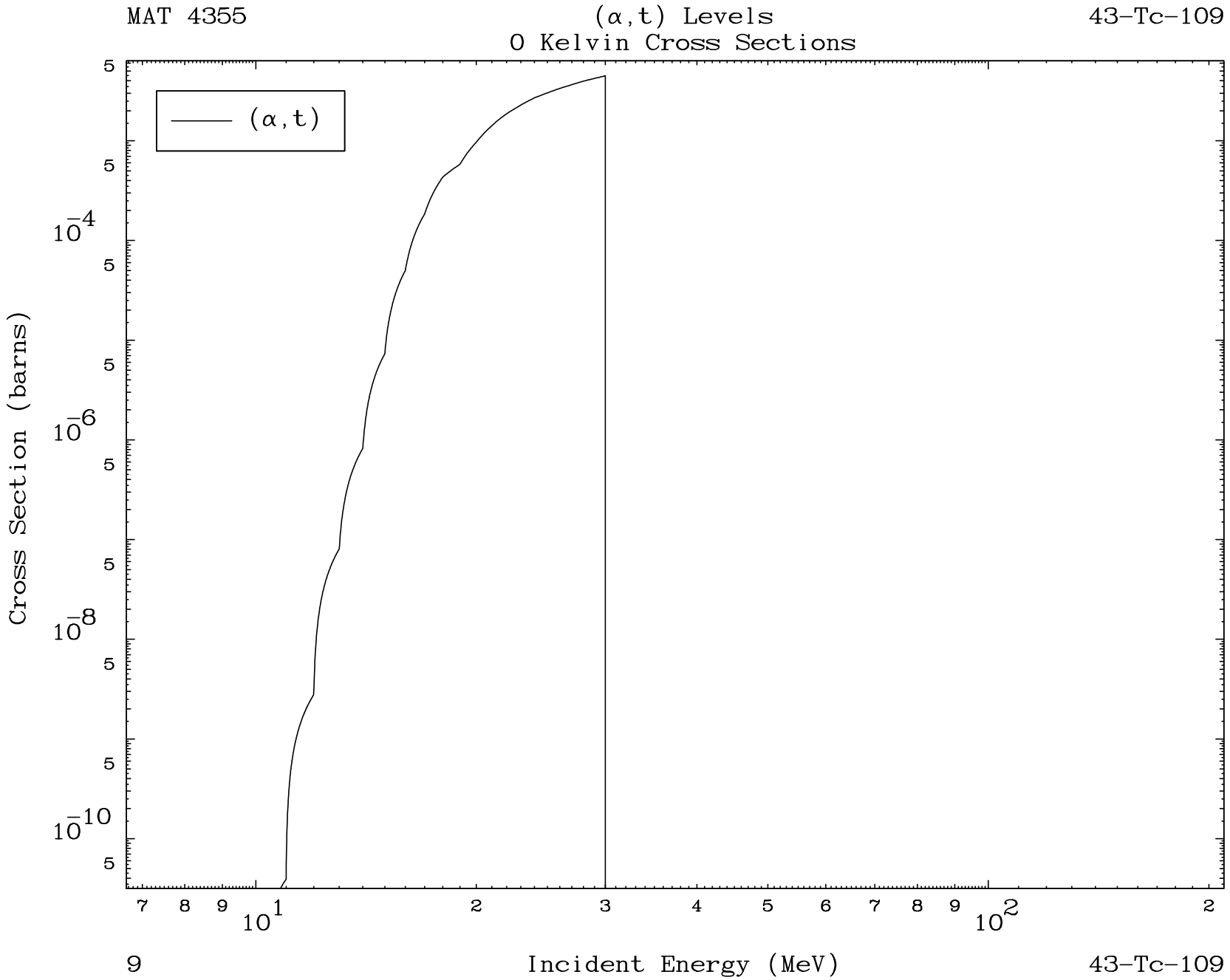

MAT 4355
α Charged Particle
0 Kelvin Cross Sections
43-Tc-109
(α,n') α
(α,2n) α
(α,3n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
Cross Section (barns)
Incident Energy (MeV)
4
43-Tc-109

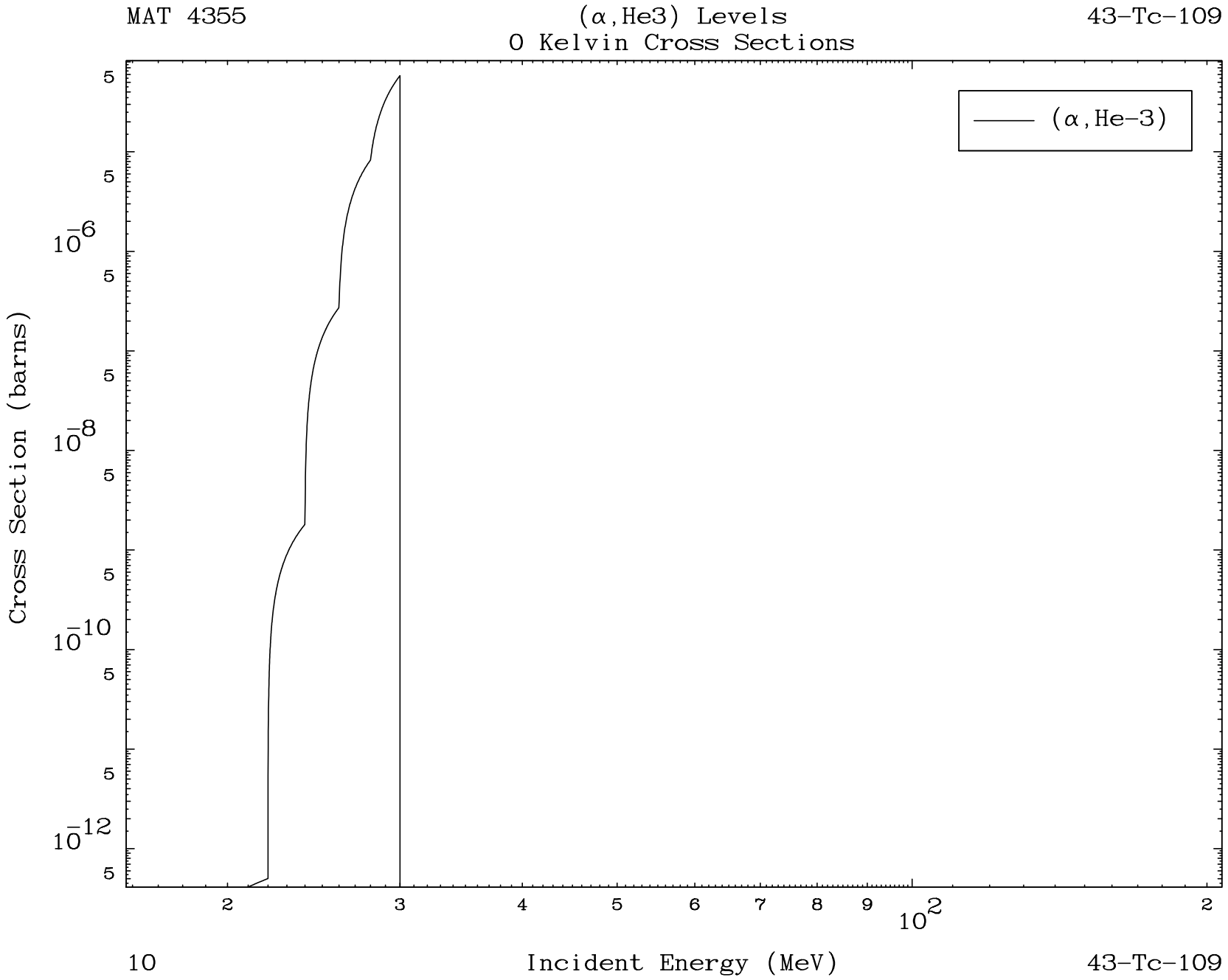

MAT 4355
α Charged Particle
0 Kelvin Cross Sections
43-Tc-109
(α,2n) p
(α,3n) p
(α,p)
(α,d)
(α,t)
(α,He-3)
(α,α)
Cross Section (barns)
Incident Energy (MeV)
43-Tc-109

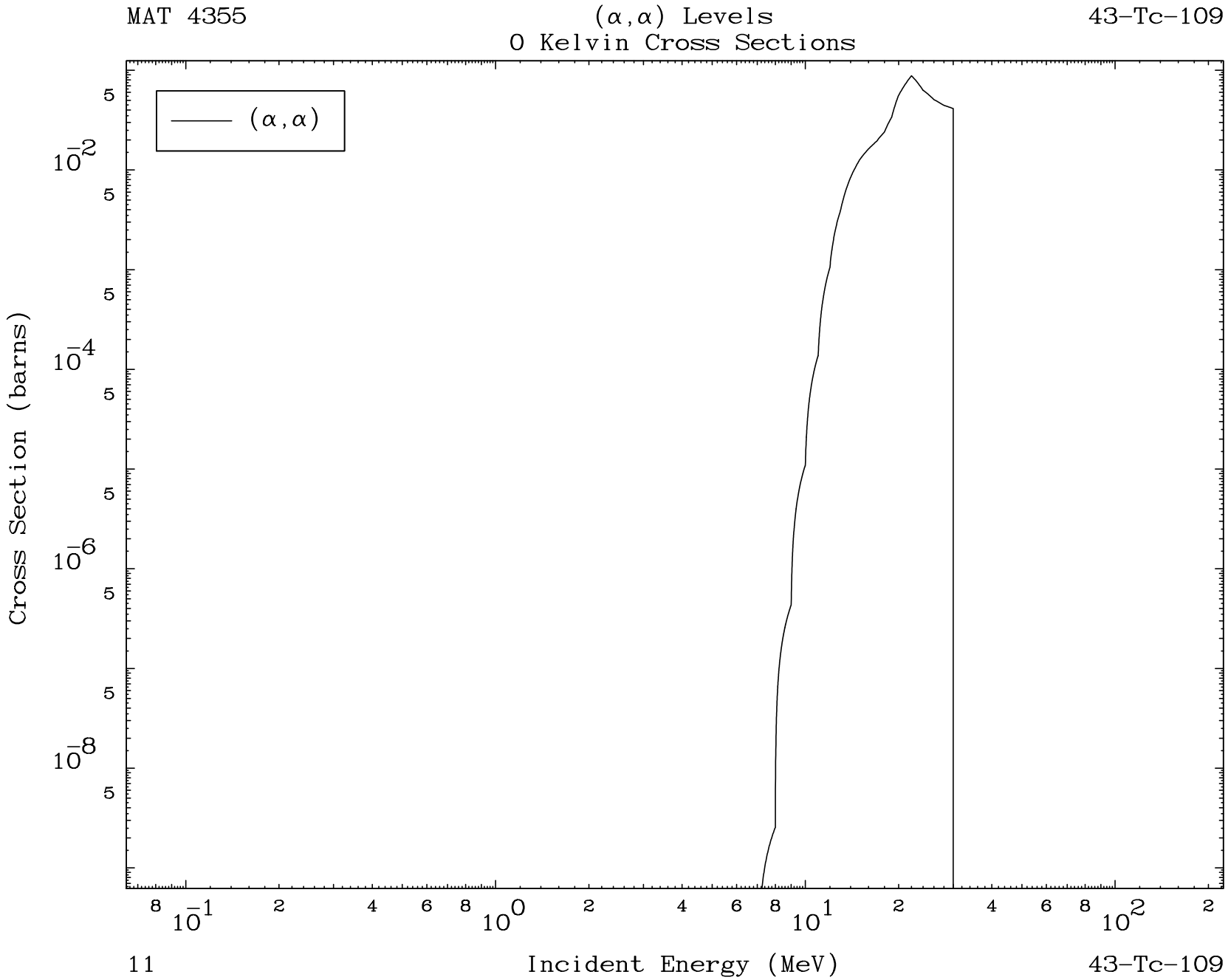

MAT 4355
(α,n') Level
43-Tc-109
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
43-Tc-109

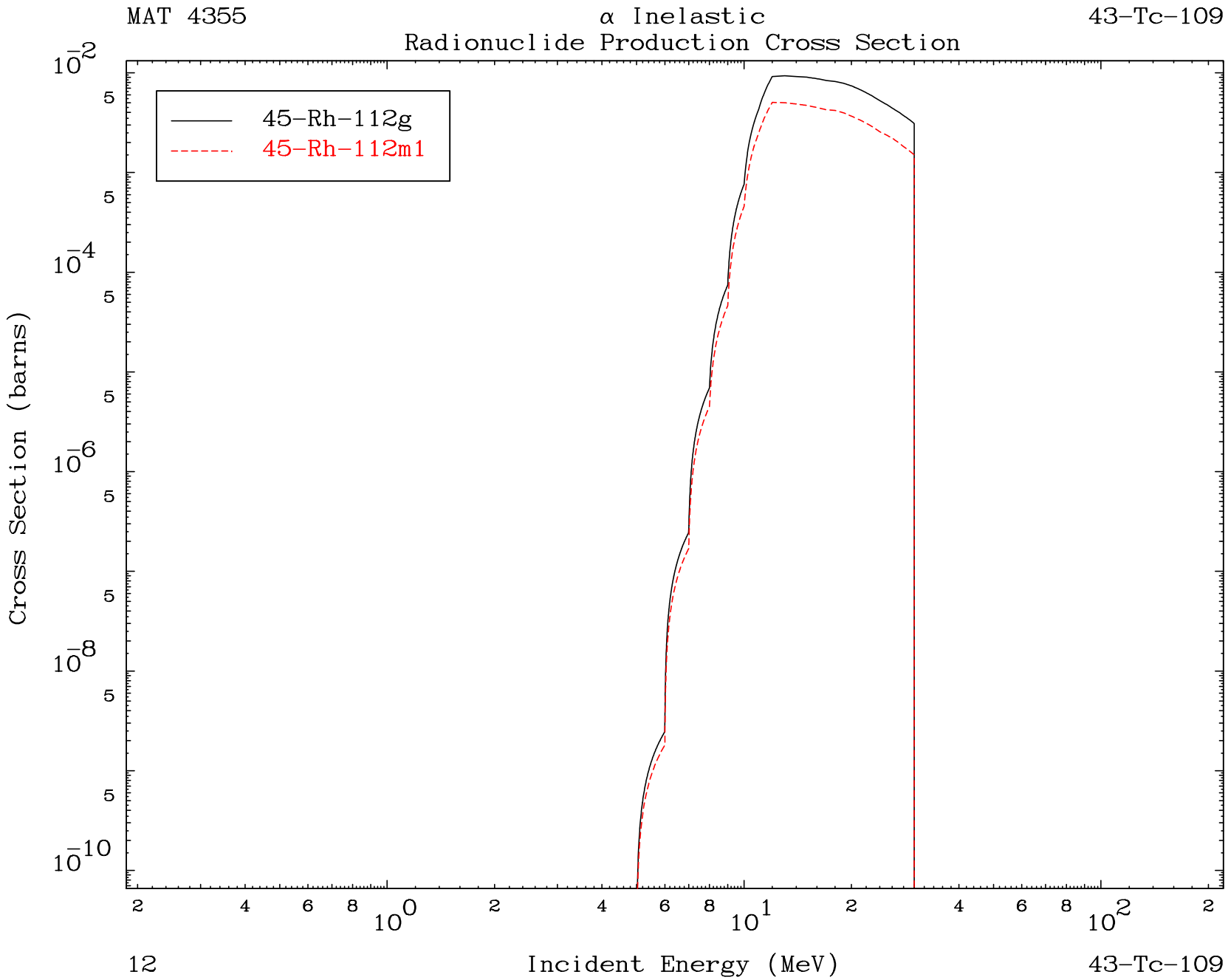

MAT 4355
(α,p) Levels
43-Tc-109
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
7
43-Tc-109

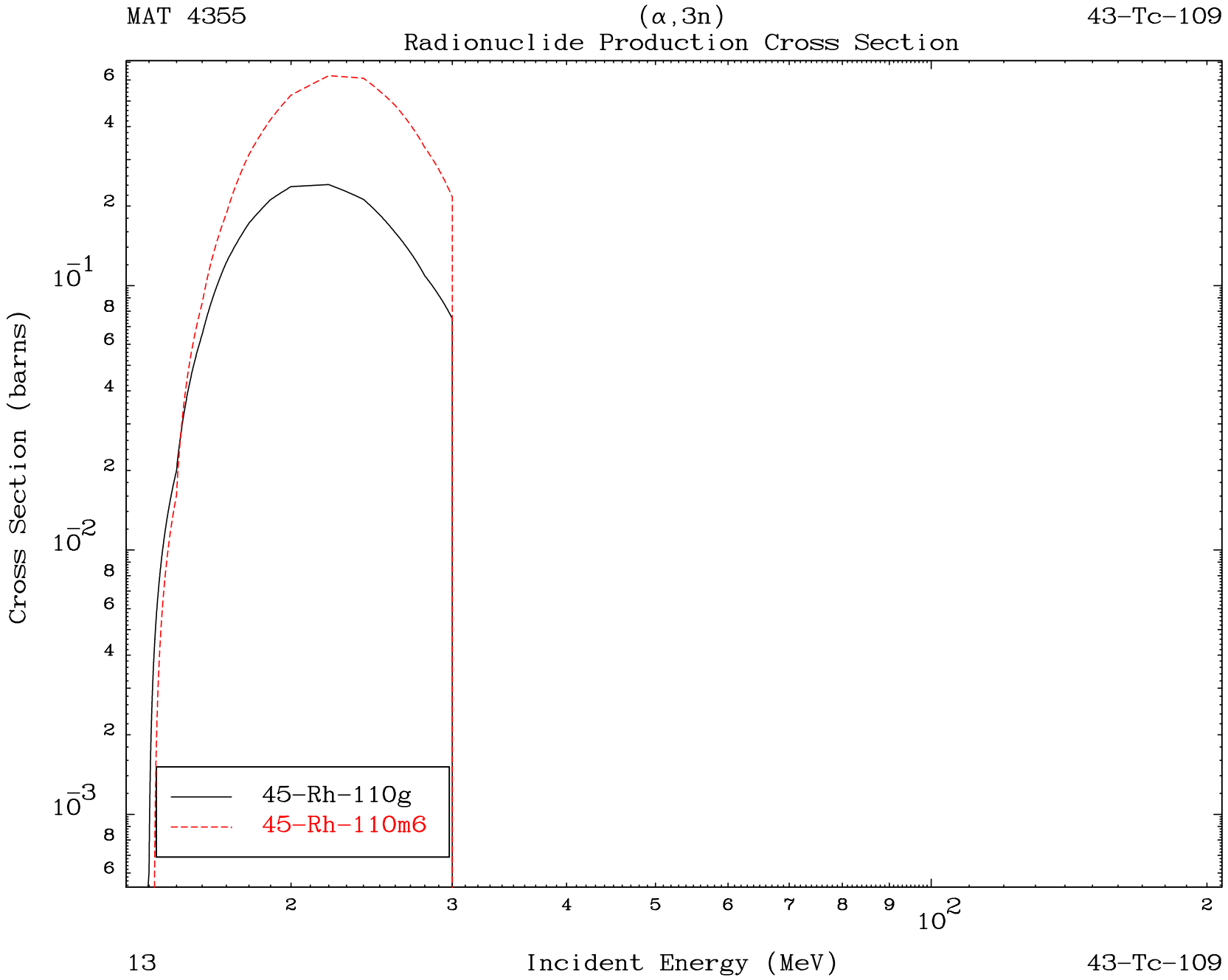

0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
9
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 4355
(α,t) Levels
43-Tc-109
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
10 1
10 2
Incident Energy (MeV)
9
43-Tc-109


MAT 4355
(α,He3) Levels
43-Tc-109
0 Kelvin Cross Sections
(α,He-3)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
43-Tc-109


MAT 4355
(α,α) Levels
43-Tc-109
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
Incident Energy (MeV)
11
43-Tc-109


MAT 4355
α Inelastic
43-Tc-109
Radionuclide Production Cross Section
45-Rh-112g
45-Rh-112m1
Cross Section (barns)
Incident Energy (MeV)
12
43-Tc-109


MAT 4355
(α,3n)
43-Tc-109
Radionuclide Production Cross Section
Cross Section (barns)
10-1
10-2
10-3
45-Rh-110g
45-Rh-110m6
2
3
4
5
6
7
8
9
10 2
Incident Energy (MeV)
13
43-Tc-109