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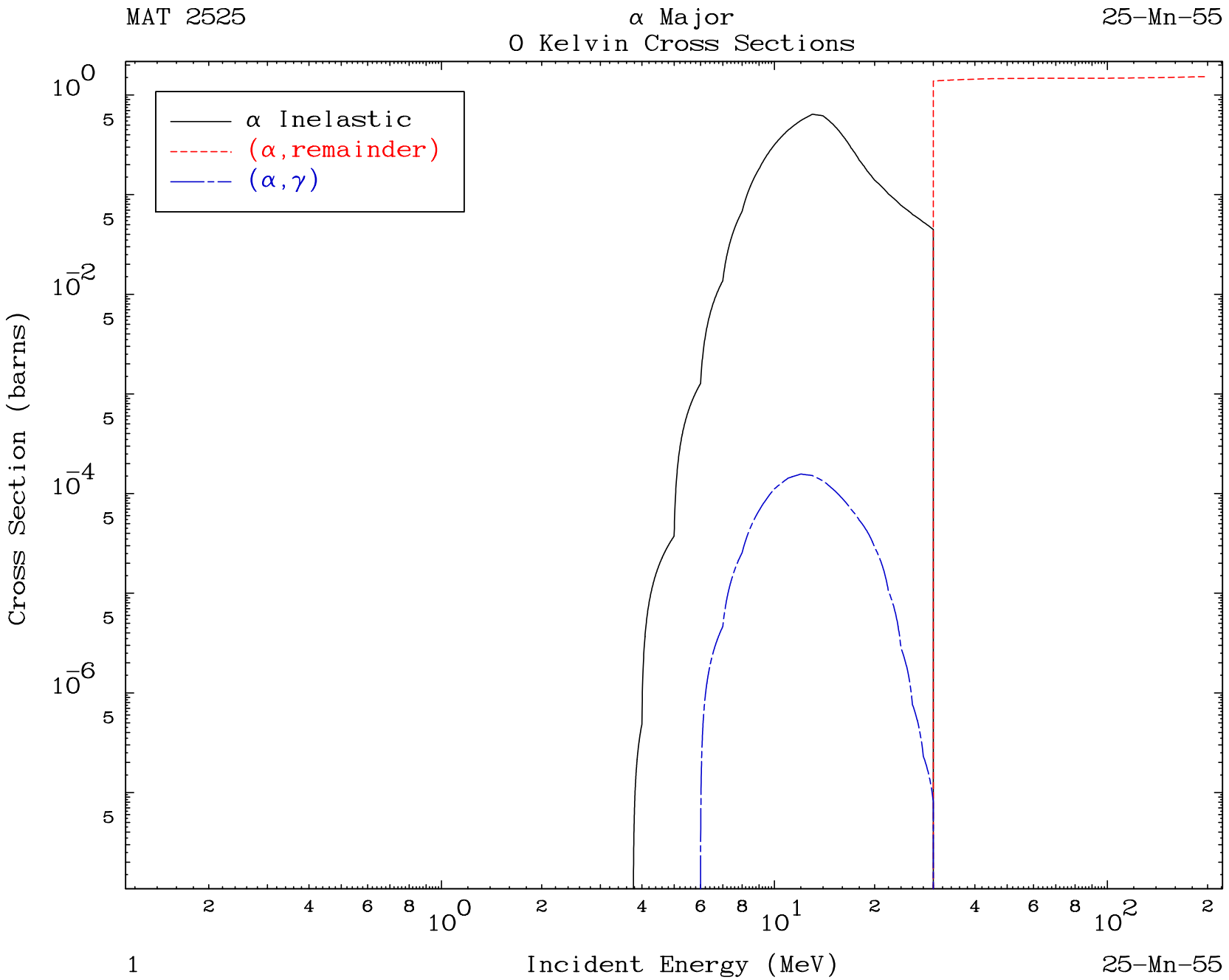
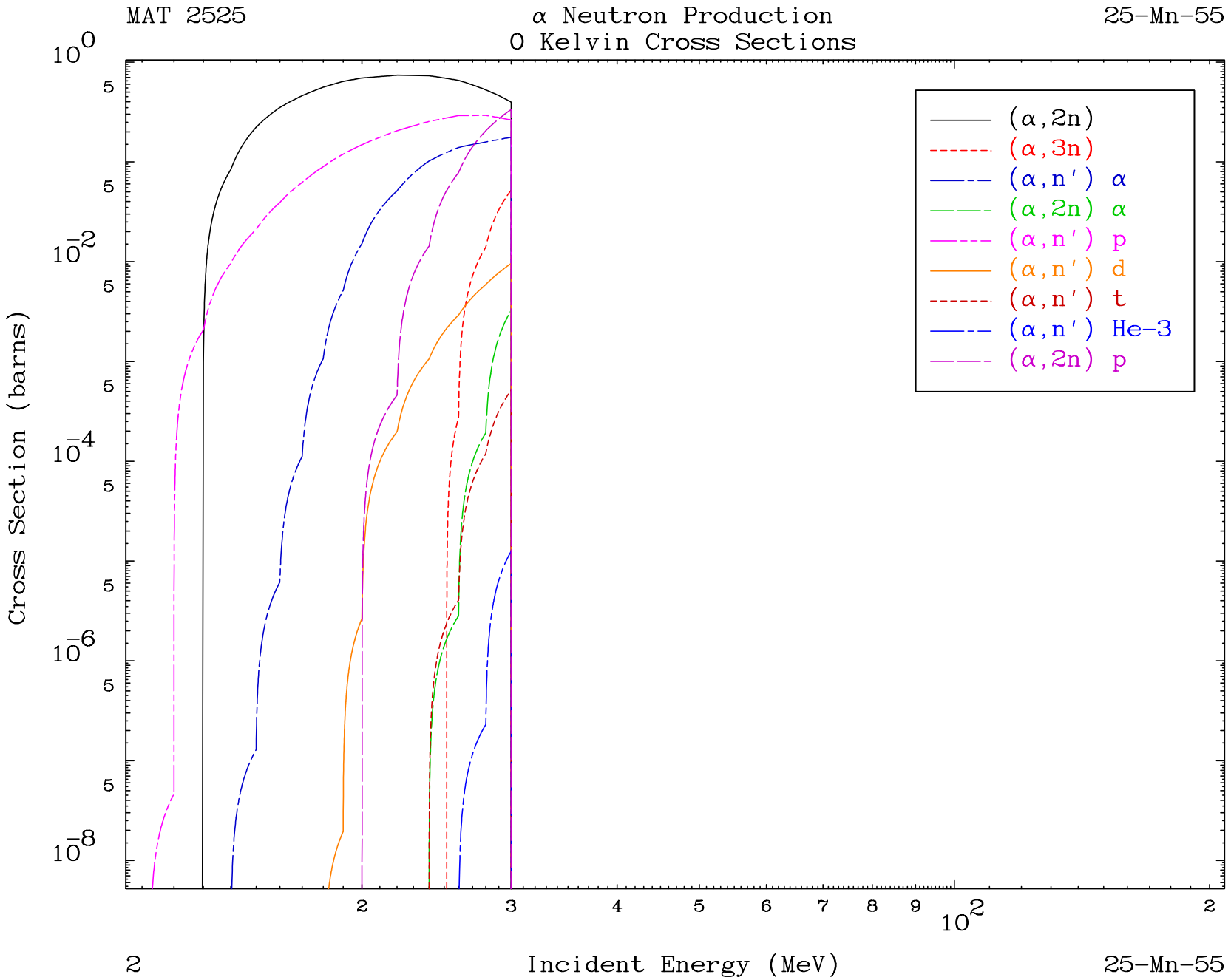
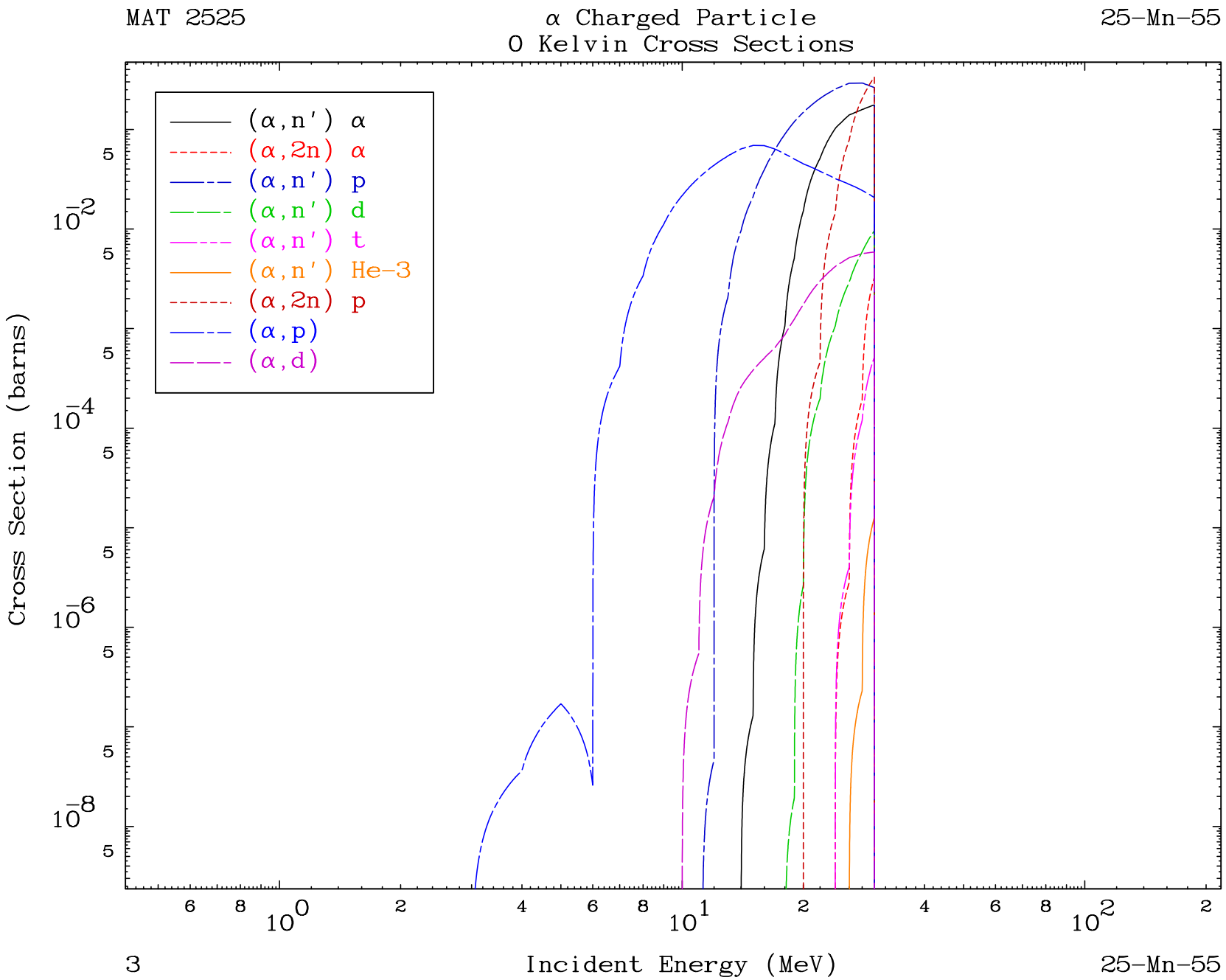
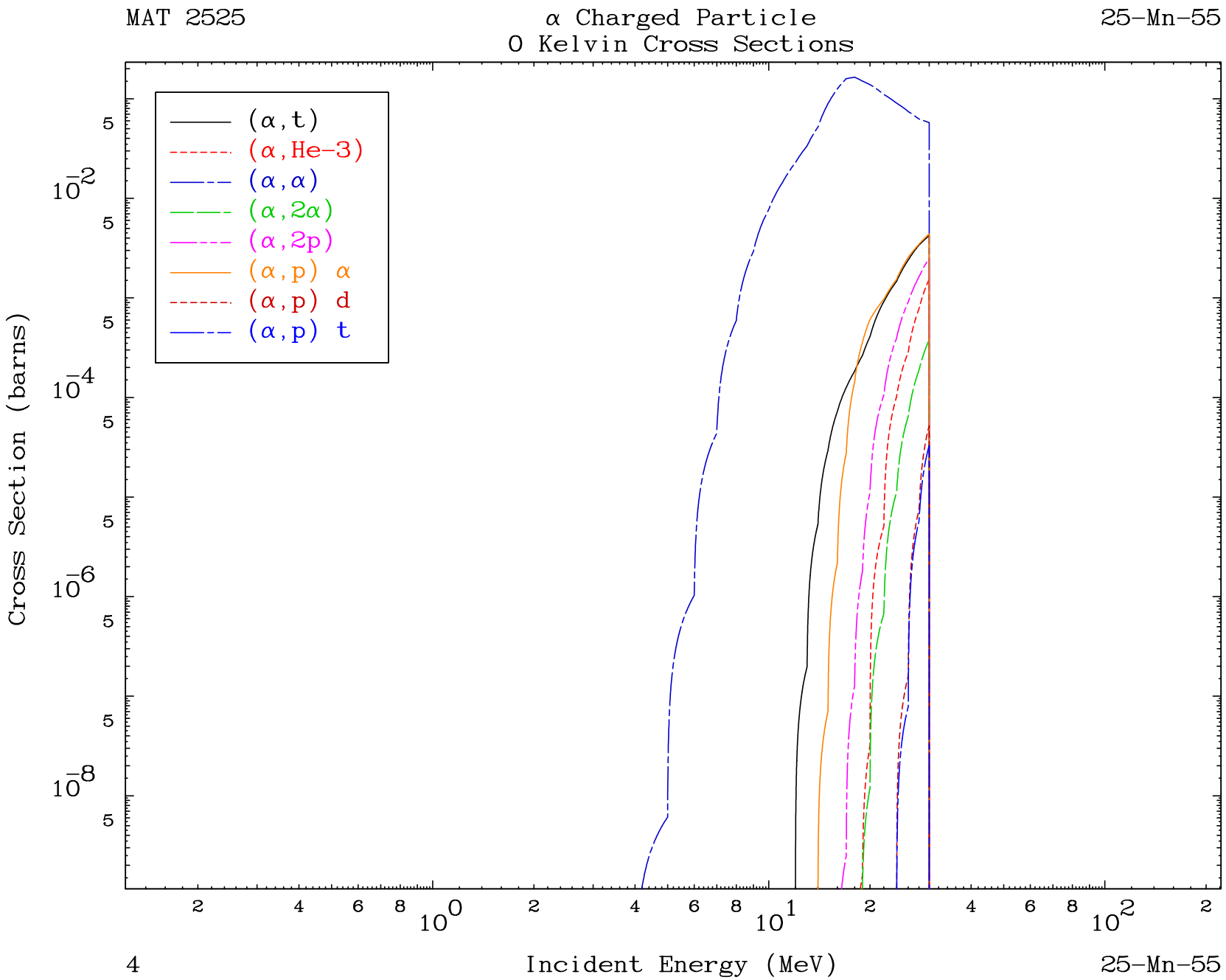
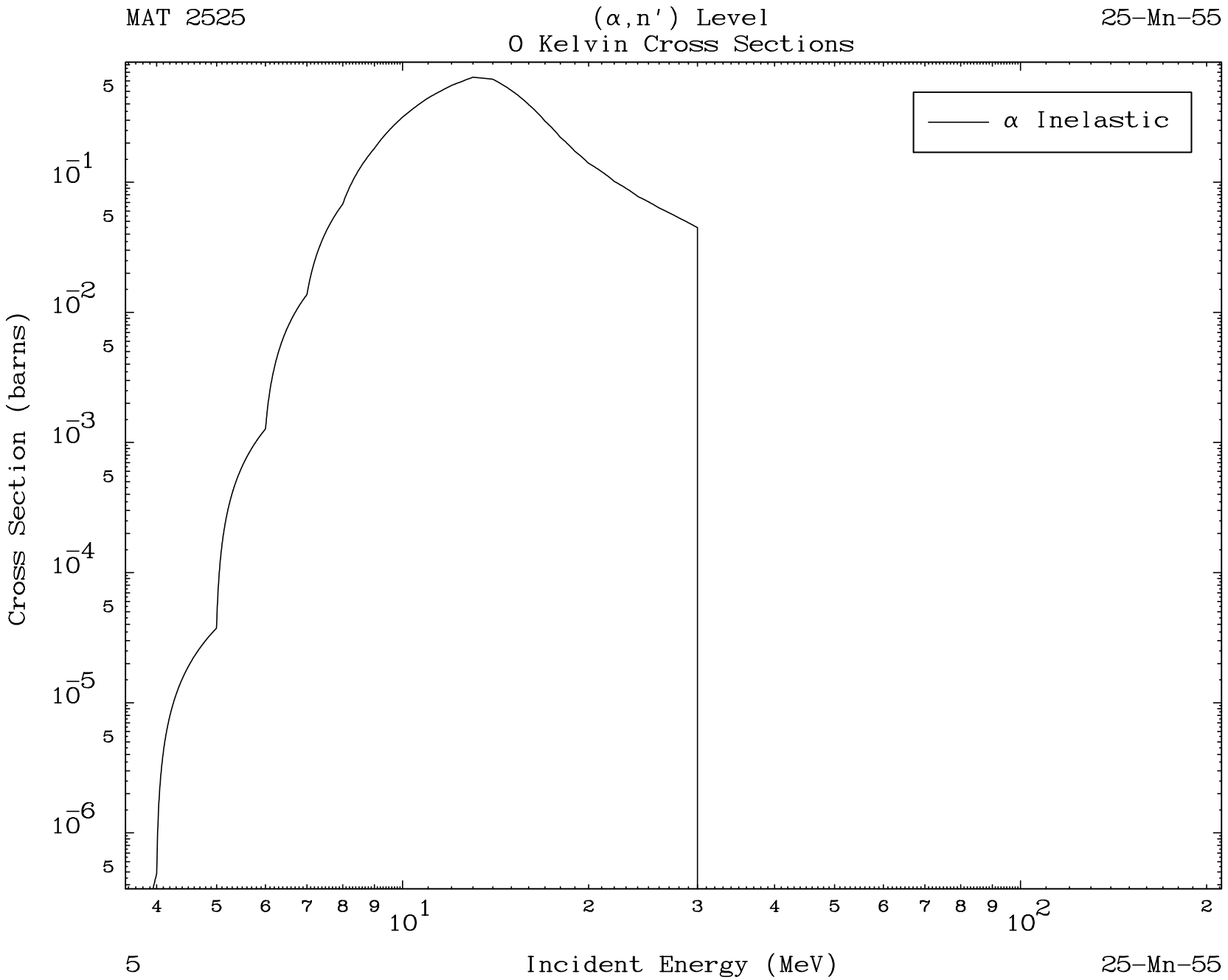
Press Mouse Button to Start

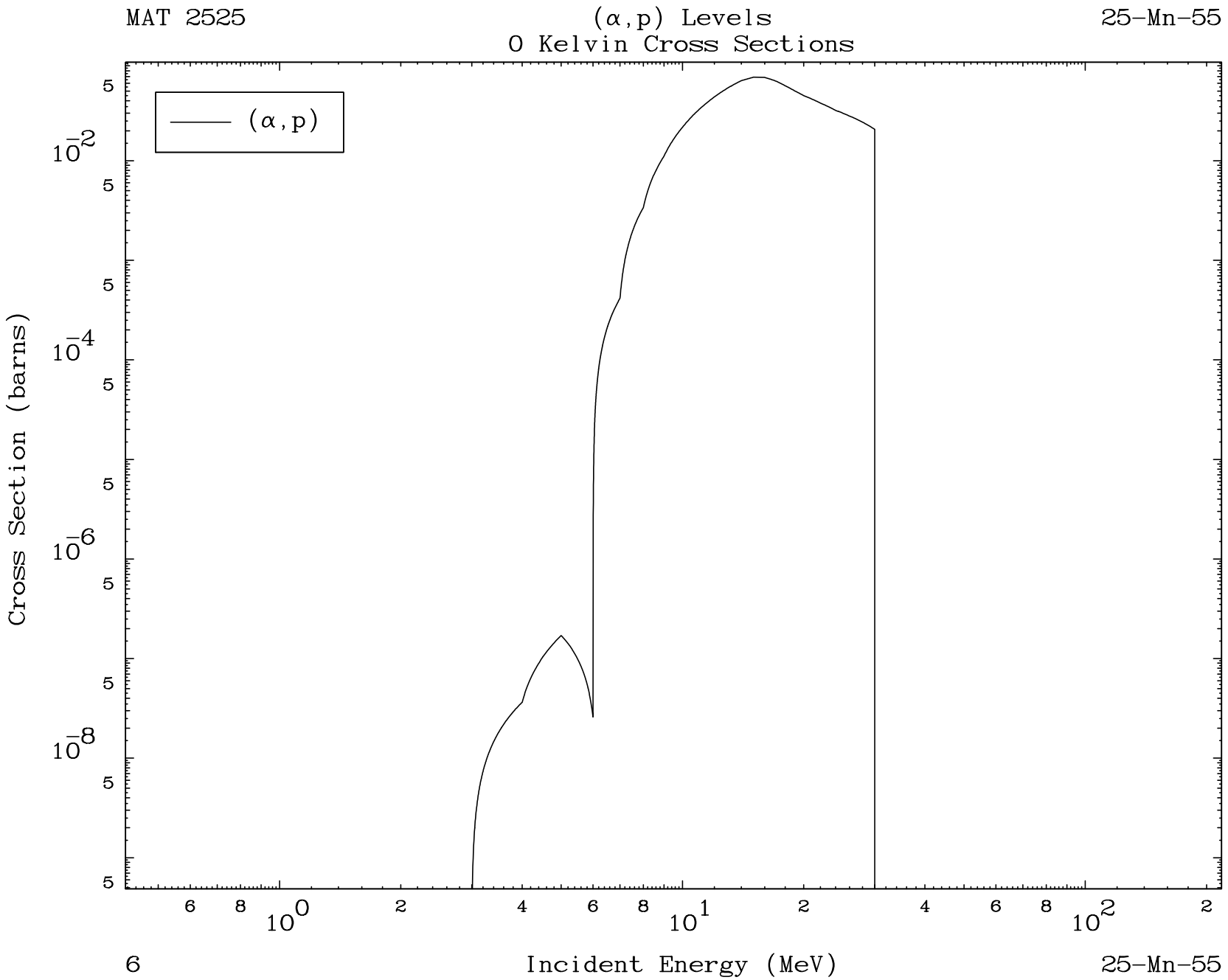

MAT 2525
α Major
25-Mn-55
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
1
25-Mn-55

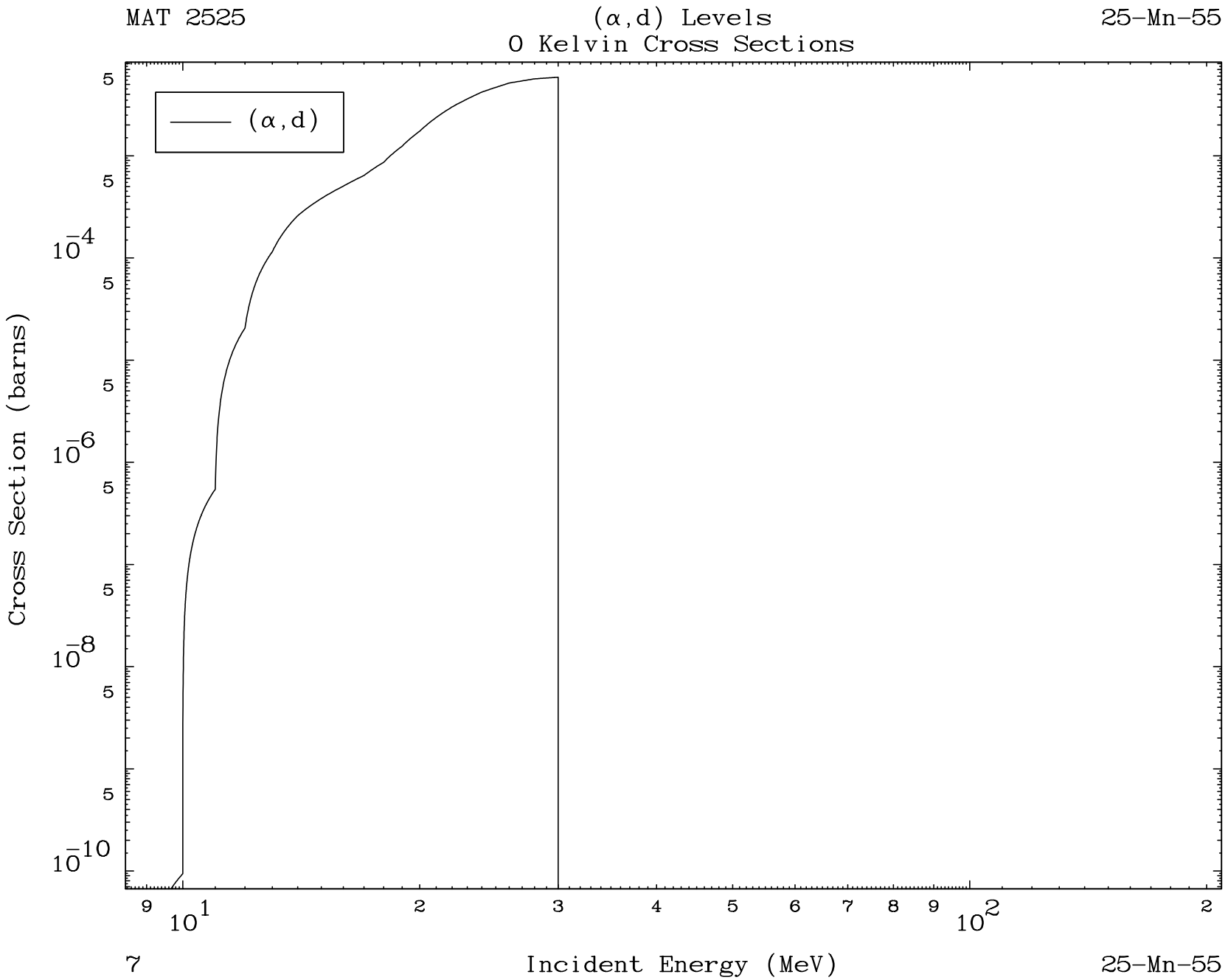

MAT 2525
α Neutron Production
0 Kelvin Cross Sections
25-Mn-55
Cross Section (barns)
Incident Energy (MeV)
25-Mn-55
(α,2n)
(α,3n)
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p

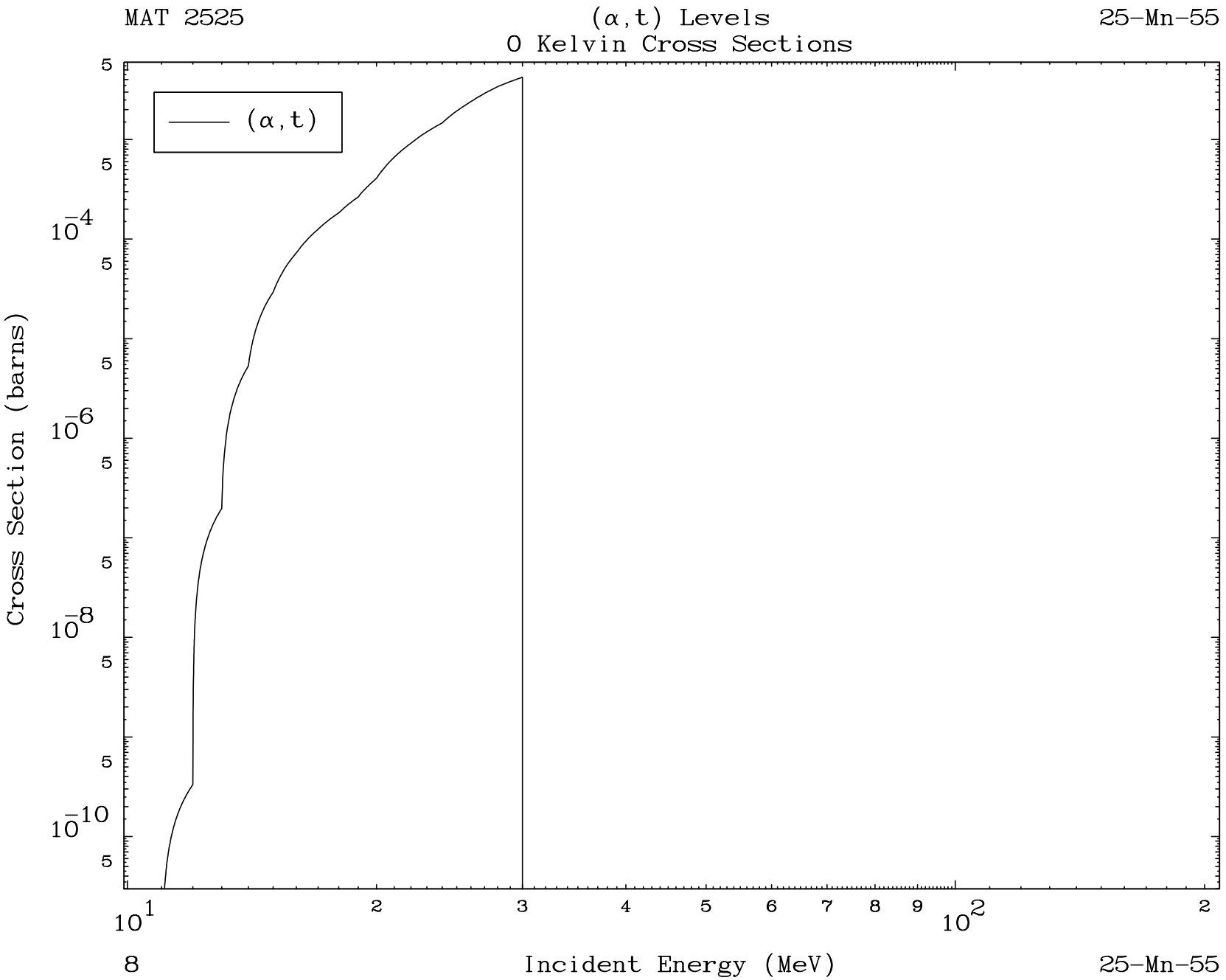

MAT 2525
α Charged Particle
0 Kelvin Cross Sections
25-Mn-55
(α,n') α
(α,2n) α
(α,n') p
(α,n') d
(α,n') t
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
Cross Section (barns)
Incident Energy (MeV)
3
25-Mn-55

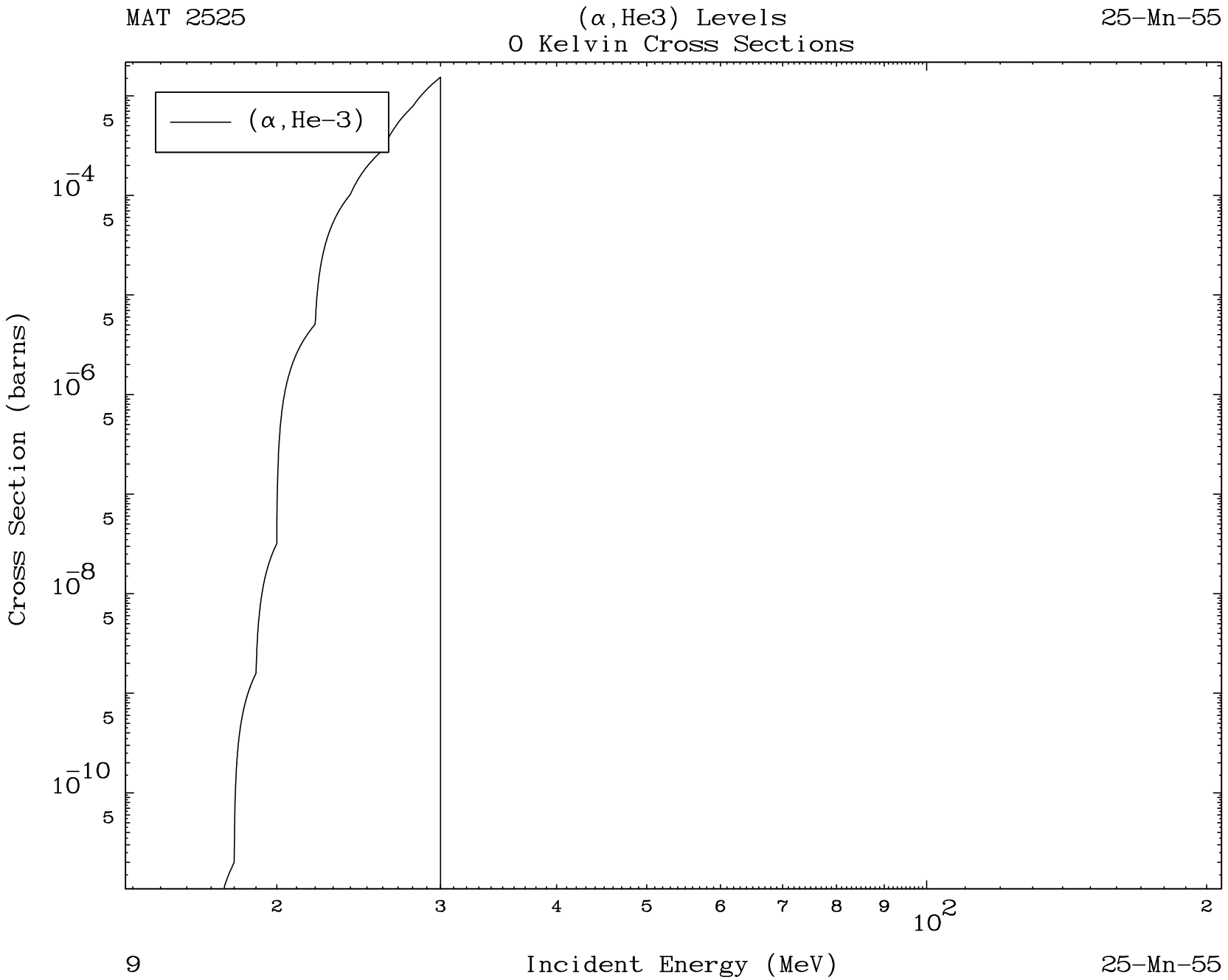

MAT 2525
α Charged Particle
0 Kelvin Cross Sections
25-Mn-55
(α,t)
(α,He-3)
(α,α)
(α,2α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
25-Mn-55

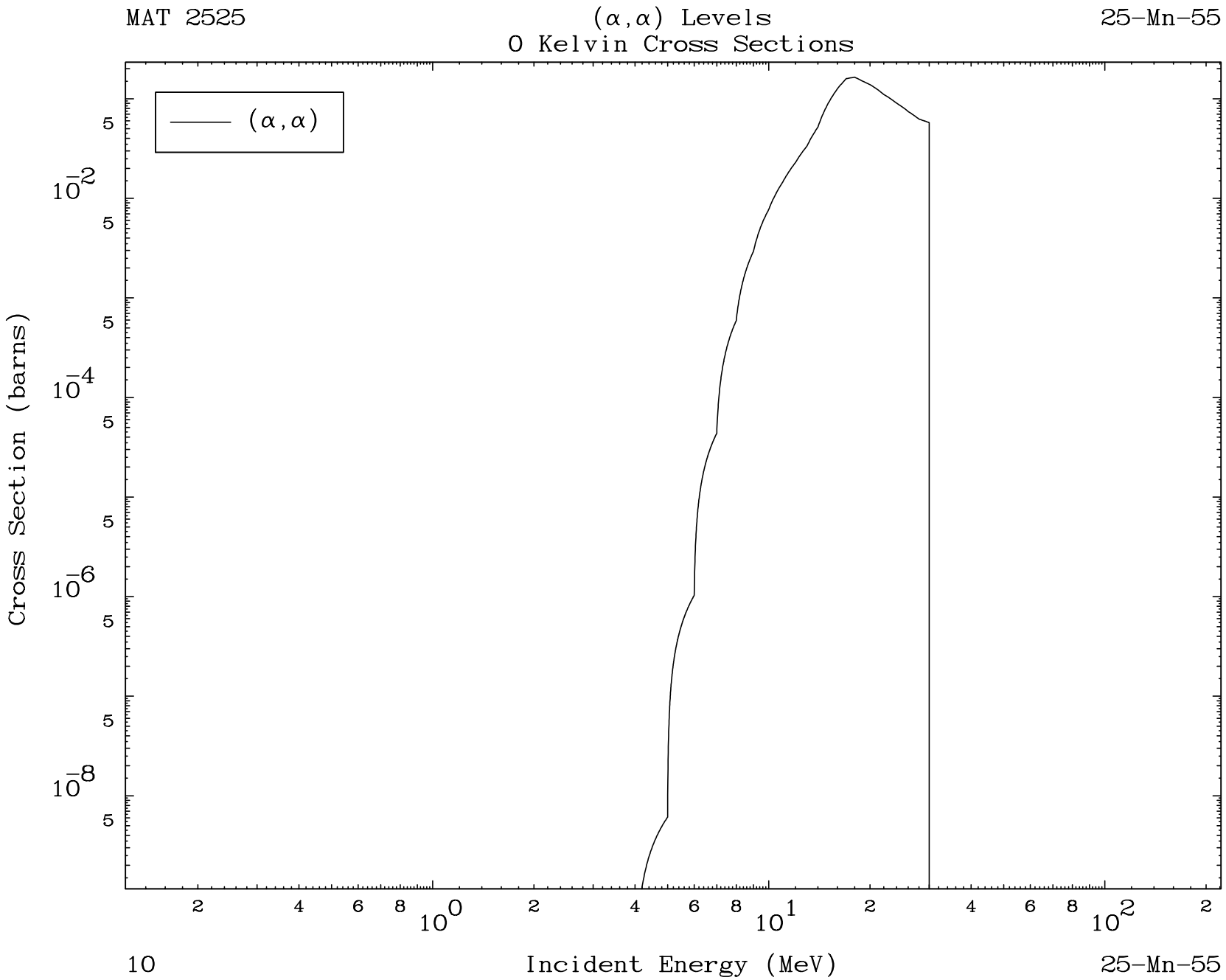

MAT 2525
(α,n') Level
25-Mn-55
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
Incident Energy (MeV)
25-Mn-55
5

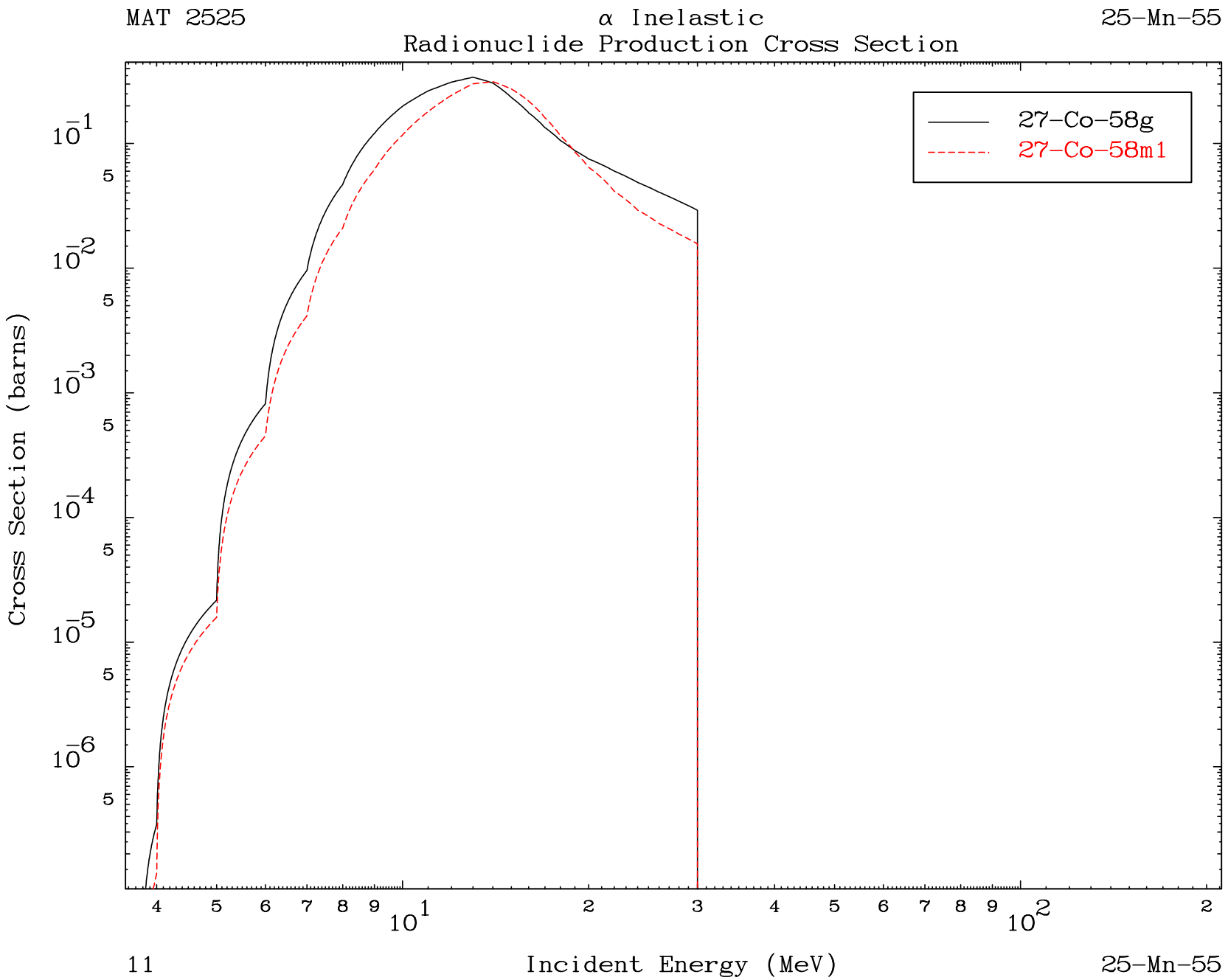

MAT 2525
(α,p) Levels
25-Mn-55
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
25-Mn-55
6


MAT 2525
(α,d) Levels
25-Mn-55
0 Kelvin Cross Sections
(α,d)
Cross Section (barns)
Incident Energy (MeV)
7
25-Mn-55


MAT 2525
(α,t) Levels
25-Mn-55
0 Kelvin Cross Sections
(α,t)
Cross Section (barns)
Incident Energy (MeV)
25-Mn-55
8


MAT 2525
(α,He3) Levels
25-Mn-55
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
9
Incident Energy (MeV)
25-Mn-55


MAT 2525
(α,α) Levels
25-Mn-55
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
25-Mn-55


MAT 2525
α Inelastic
25-Mn-55
Radionuclide Production Cross Section
27-Co-58g
27-Co-58m1
Cross Section (barns)
Incident Energy (MeV)
11
25-Mn-55