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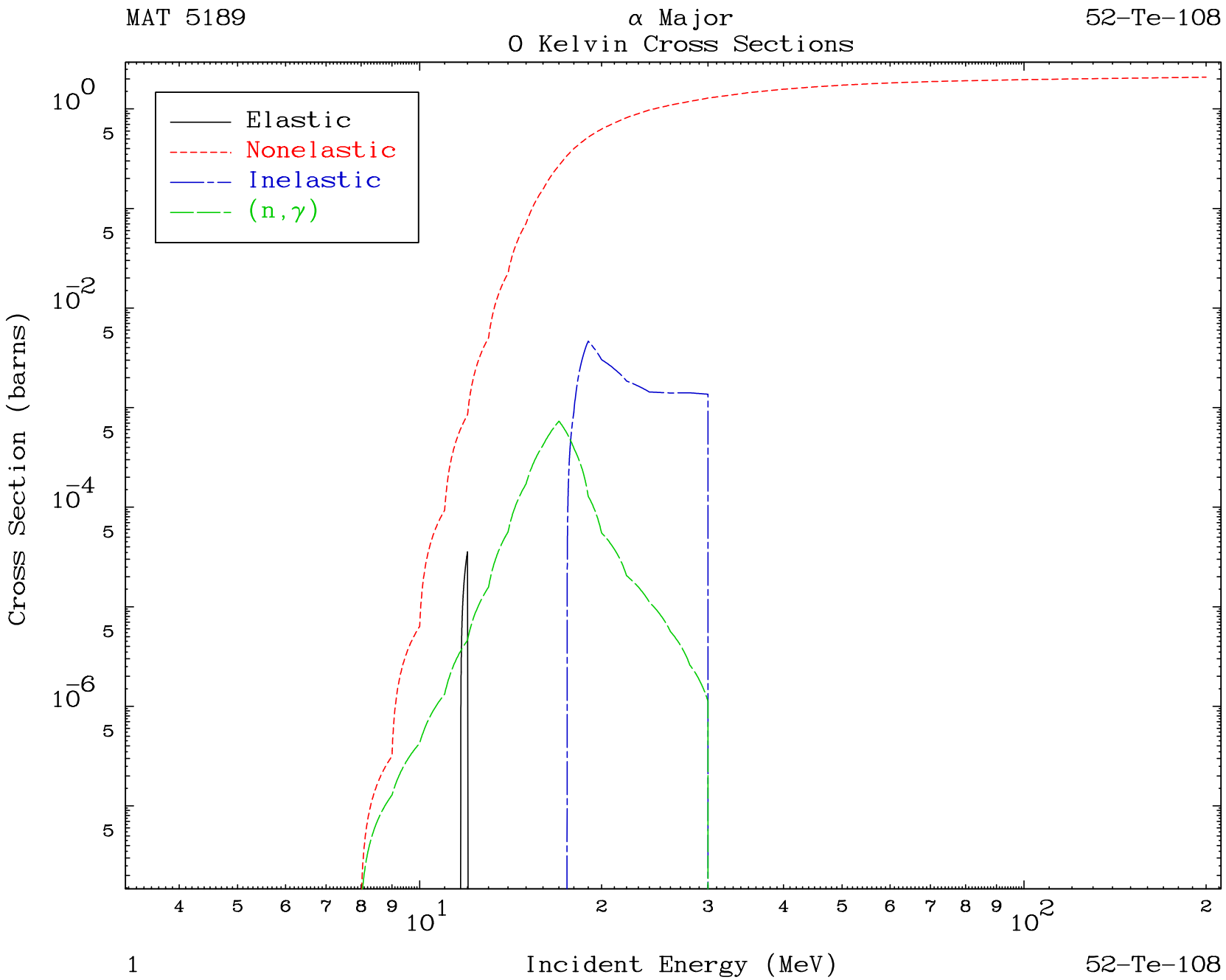
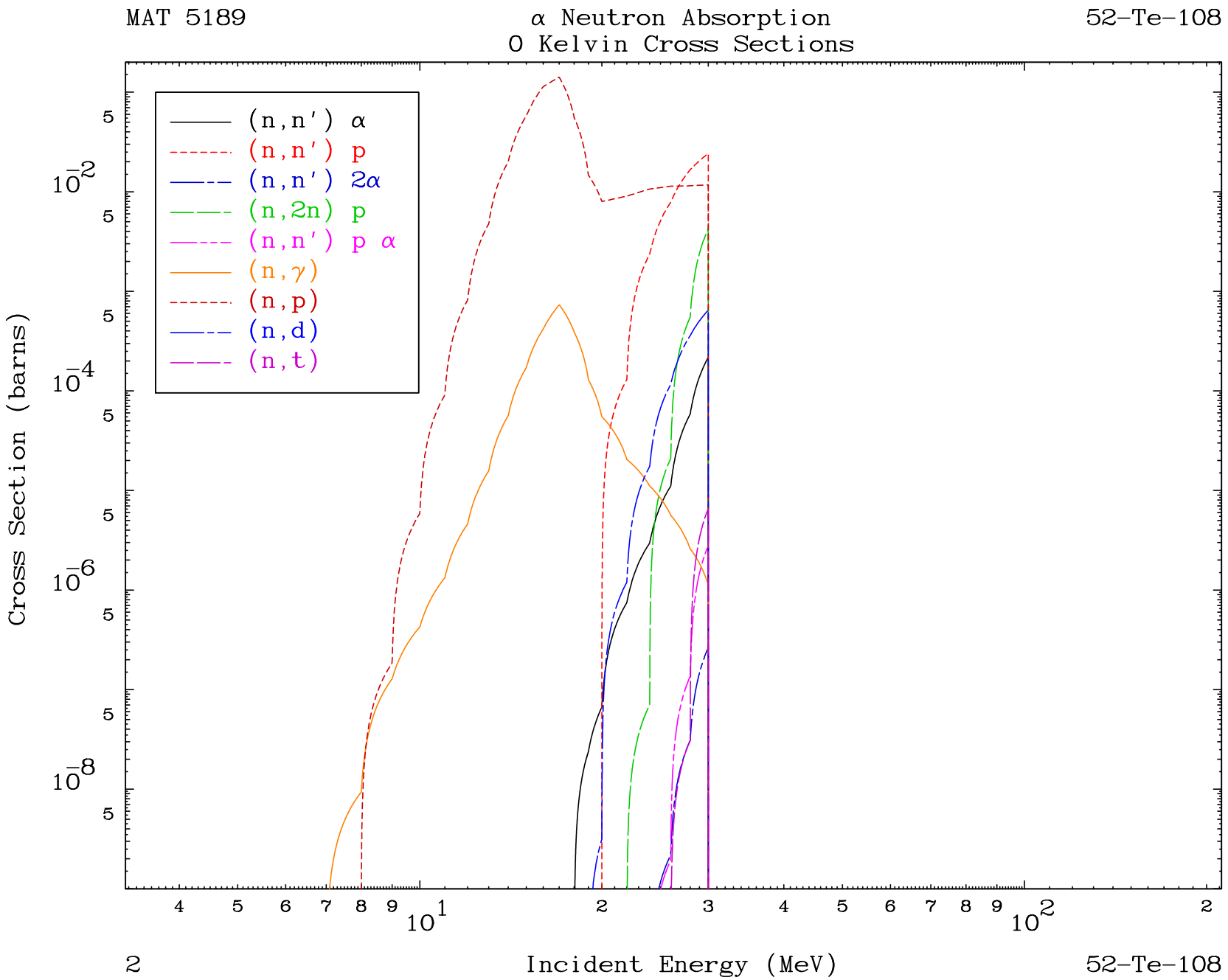
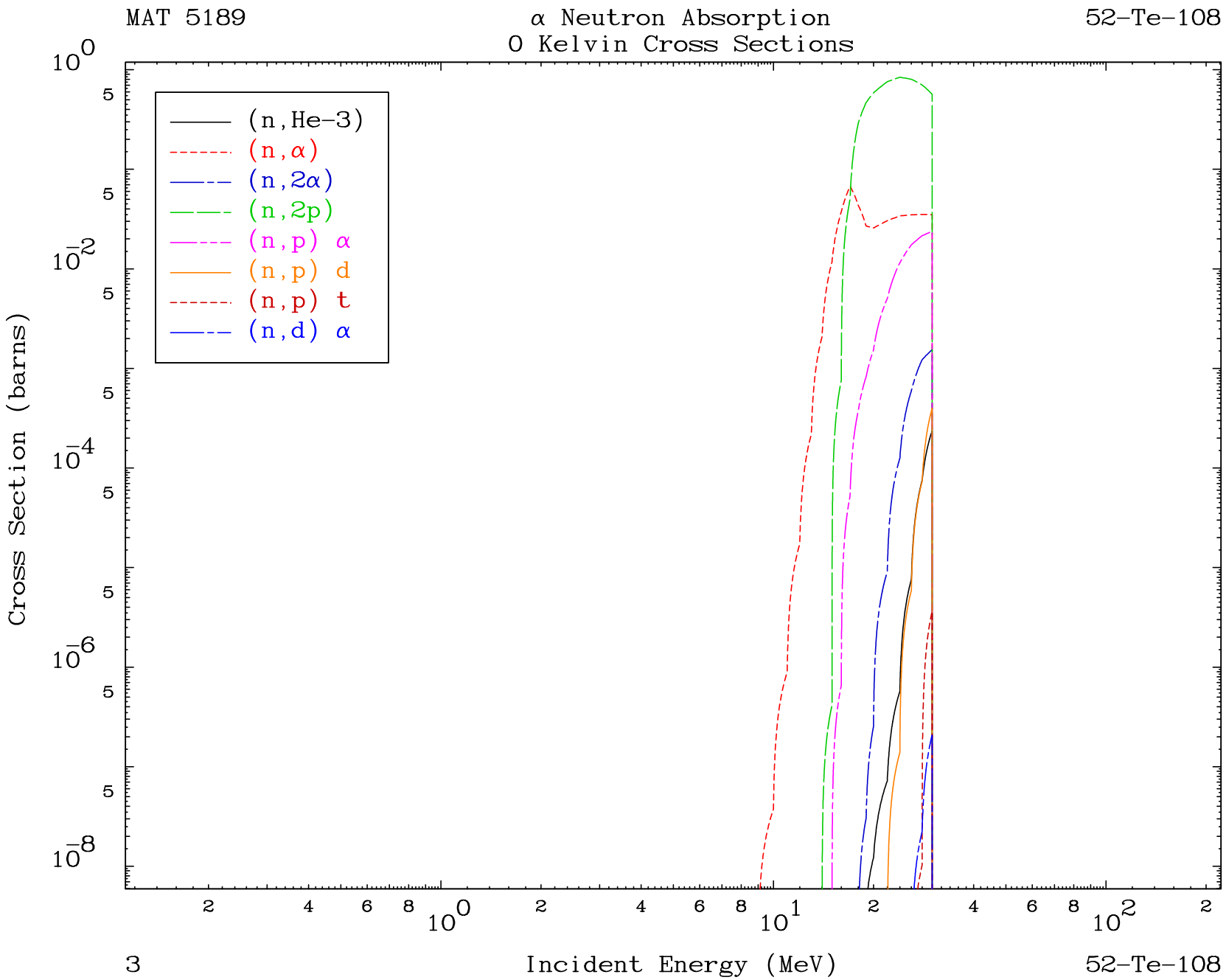
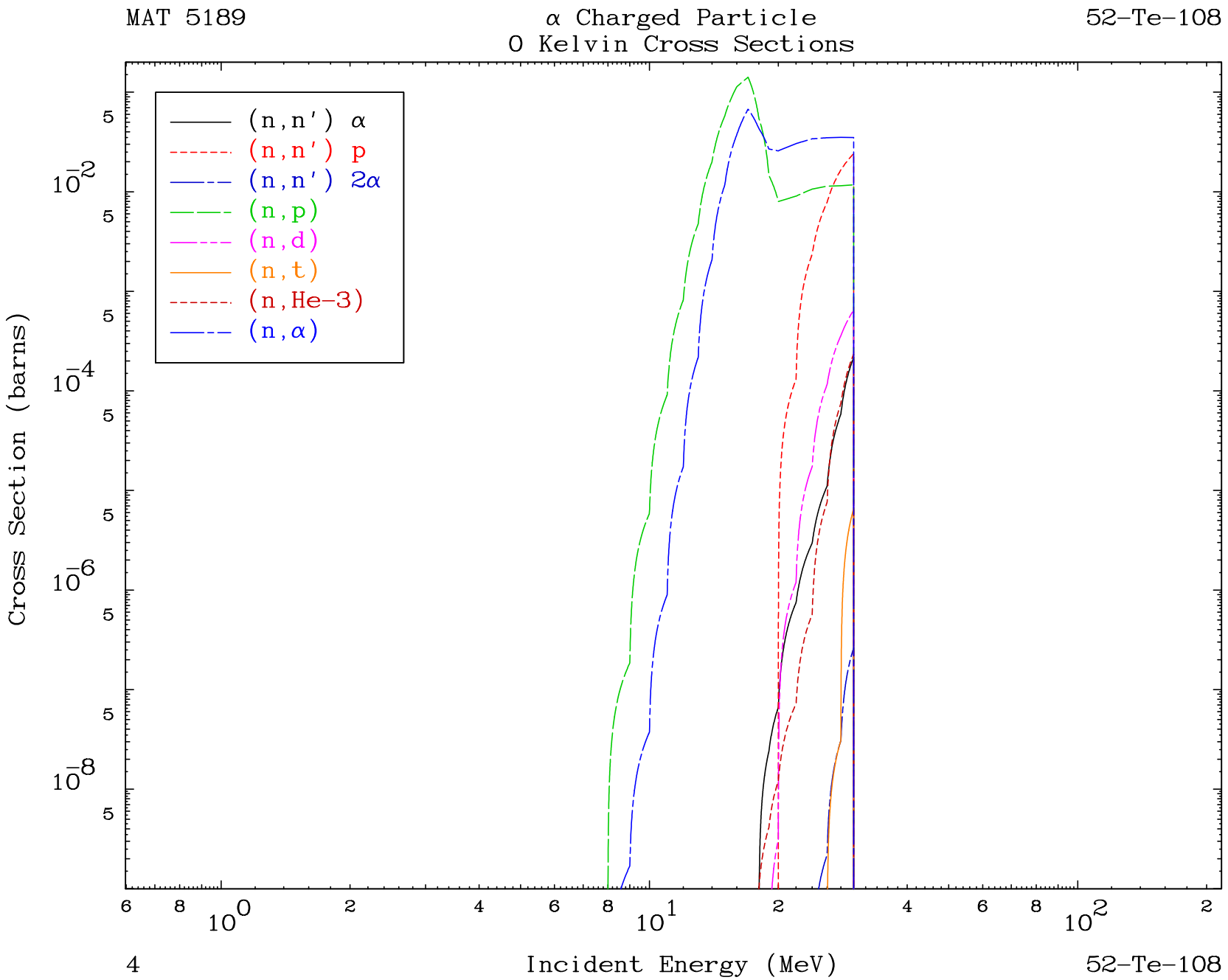
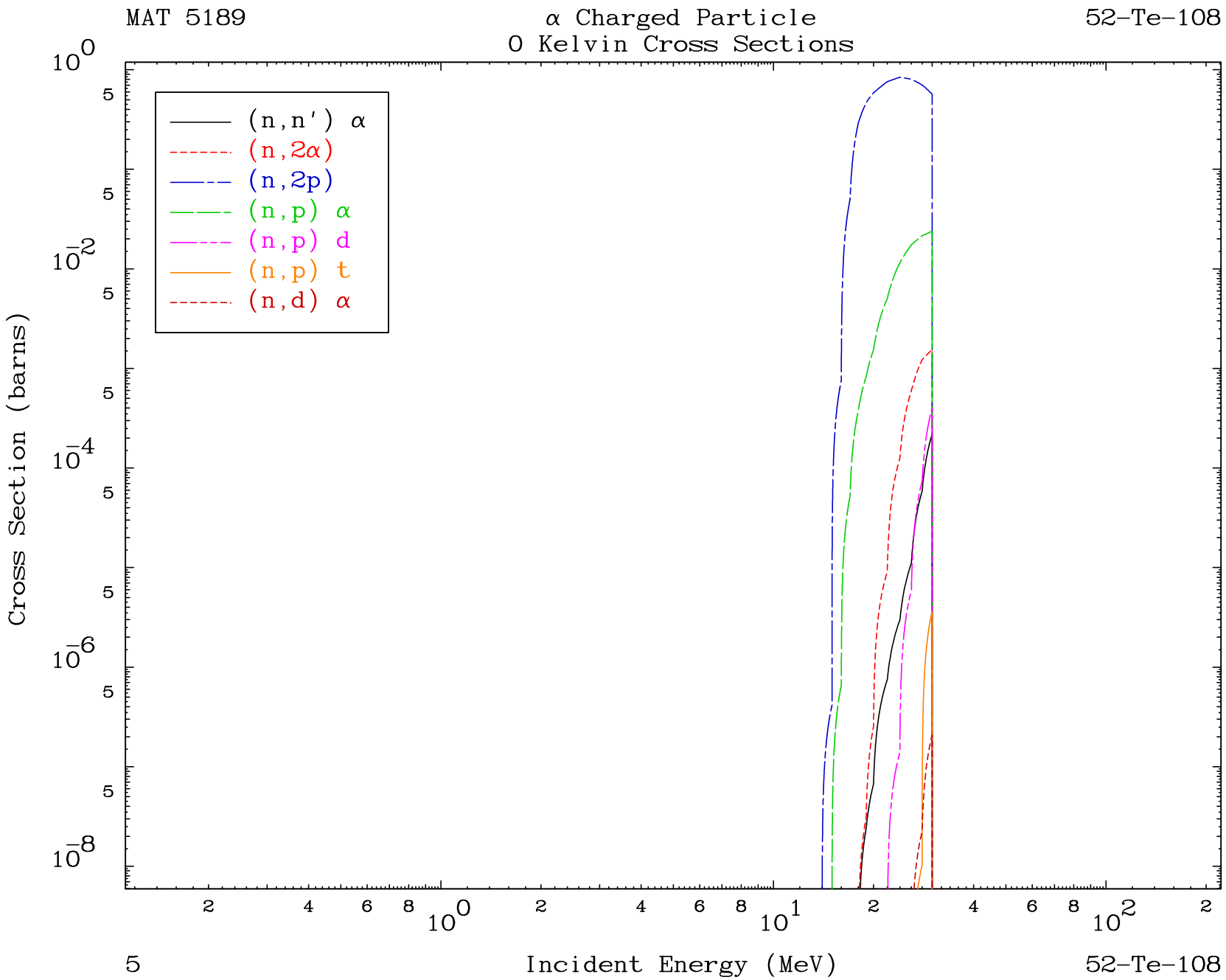
Press Mouse Button to Start

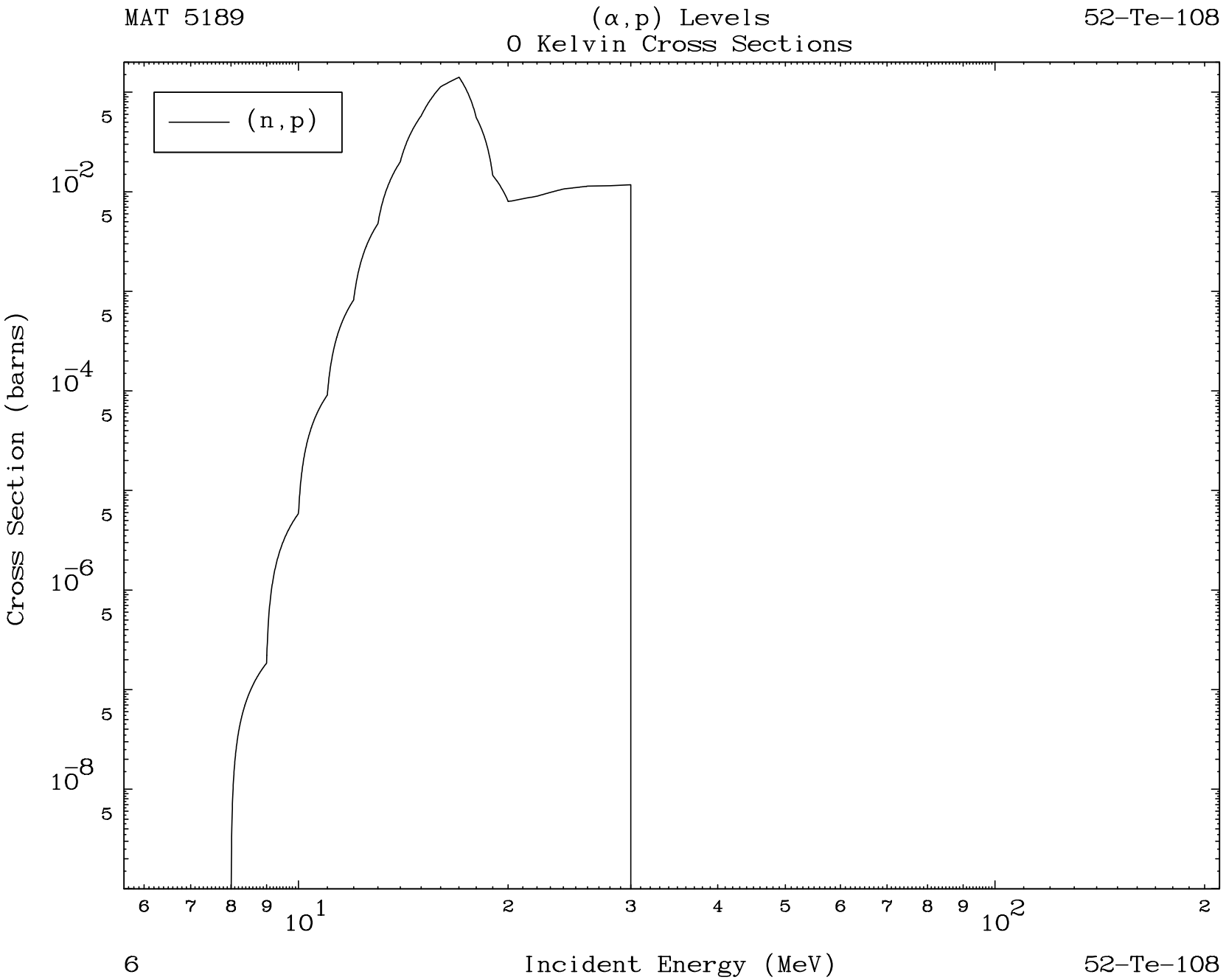

MAT 5189
α Major
52-Te-108
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-108

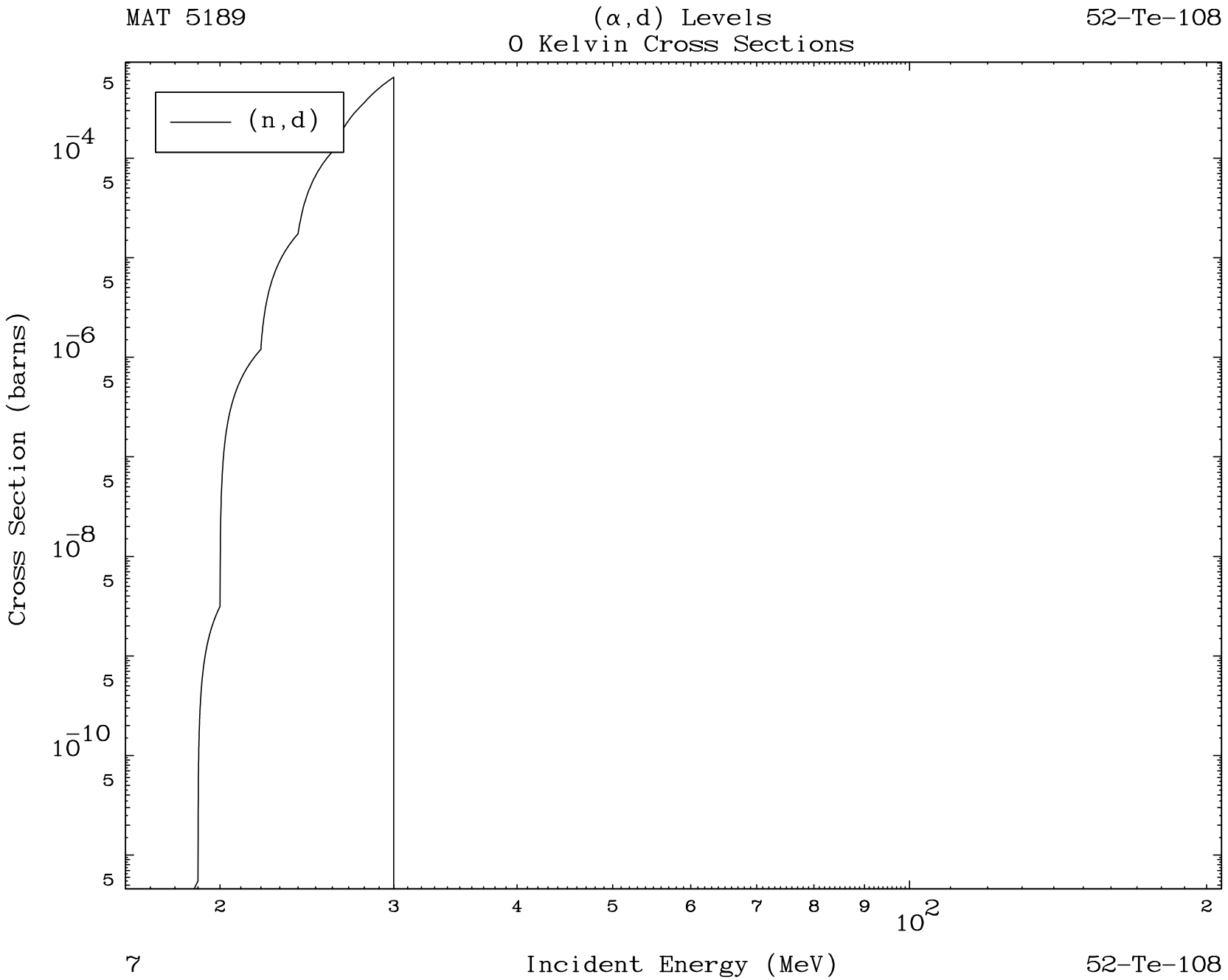

MAT 5189
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-108
(n,n') α
(n,n') p
(n,n') 2α
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
52-Te-108
2

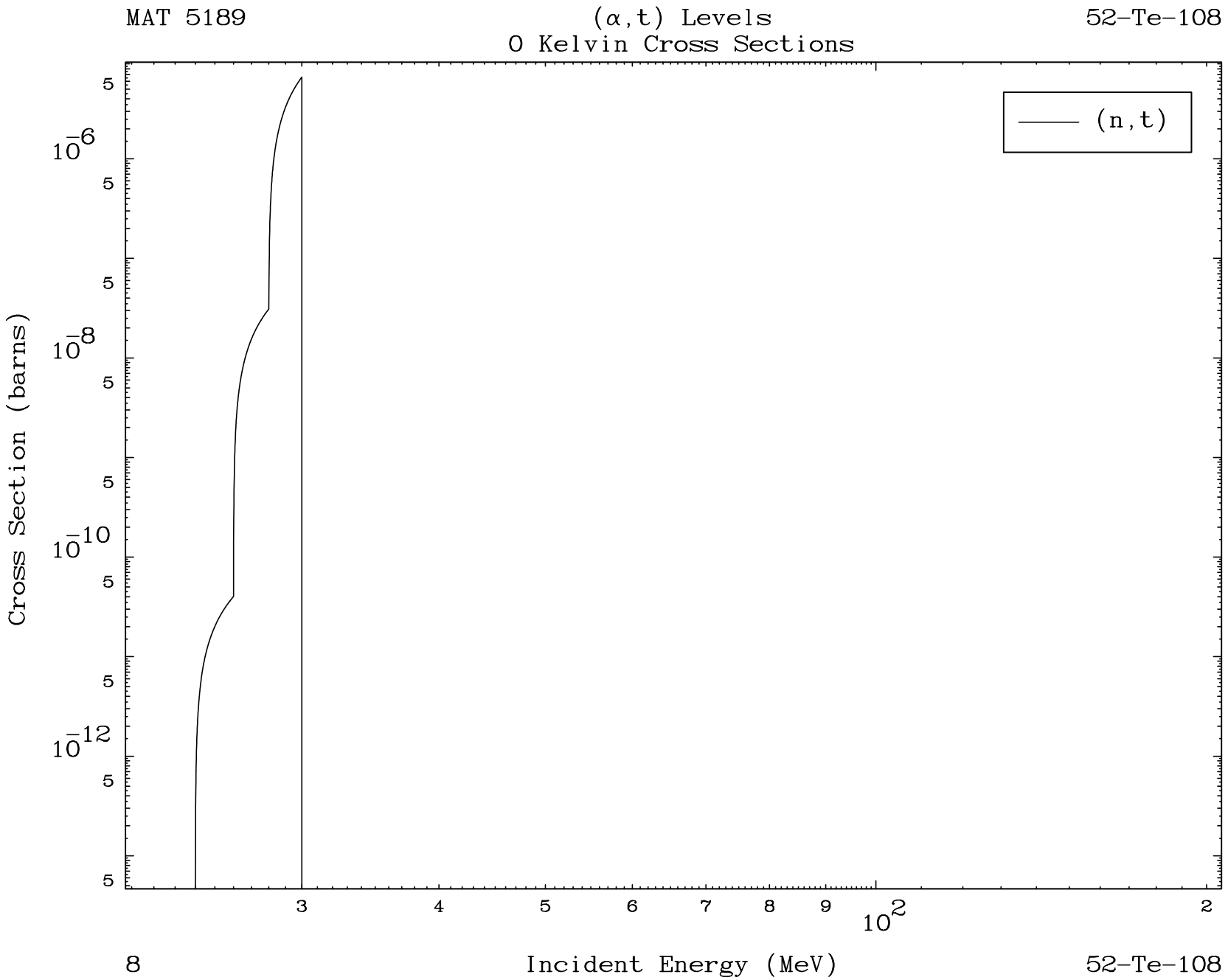

MAT 5189
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-108
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-108

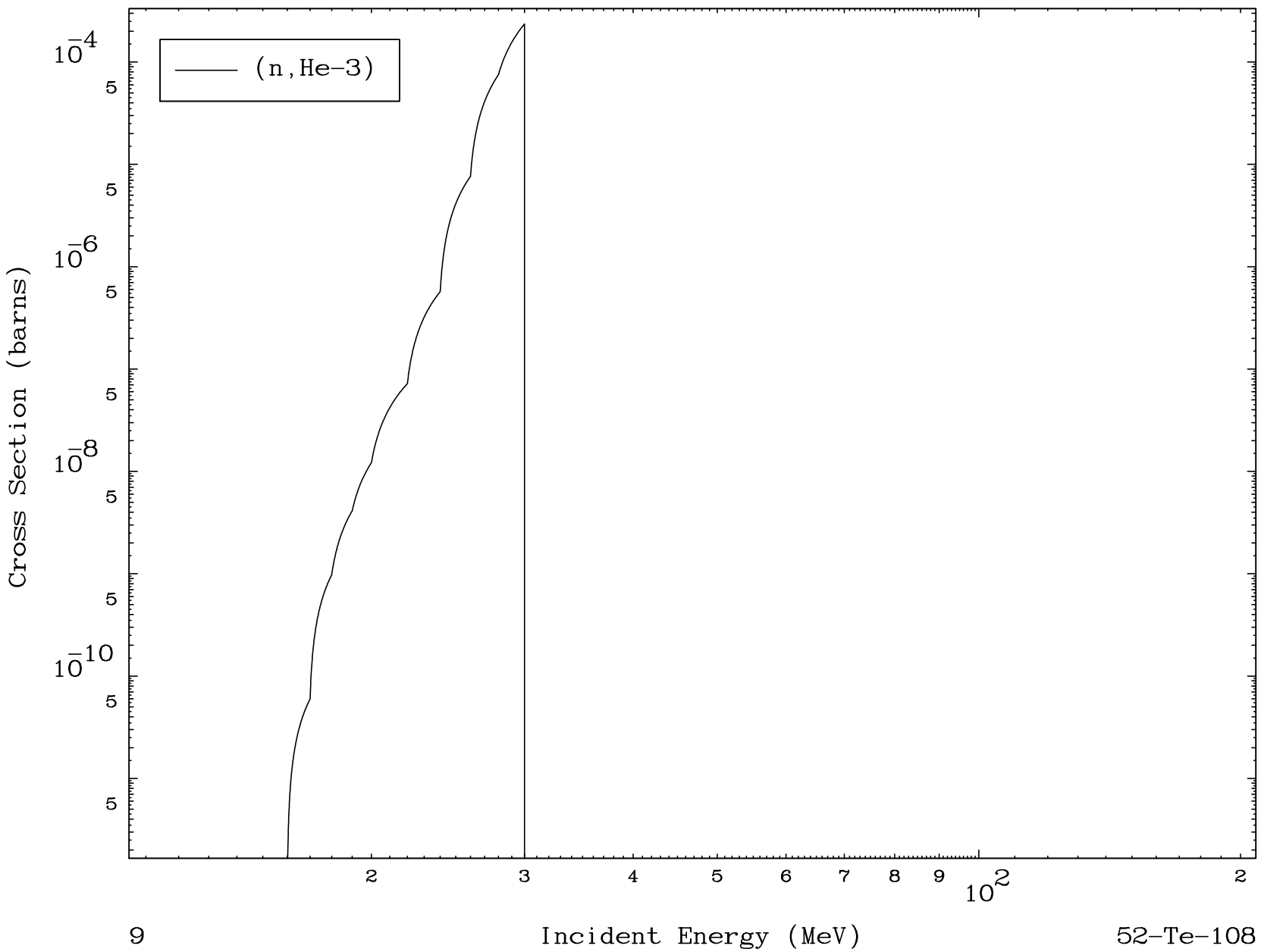

MAT 5189
α Charged Particle
0 Kelvin Cross Sections
52-Te-108
(n,n') α
(n,n') p
(n,n') 2α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
52-Te-108
4

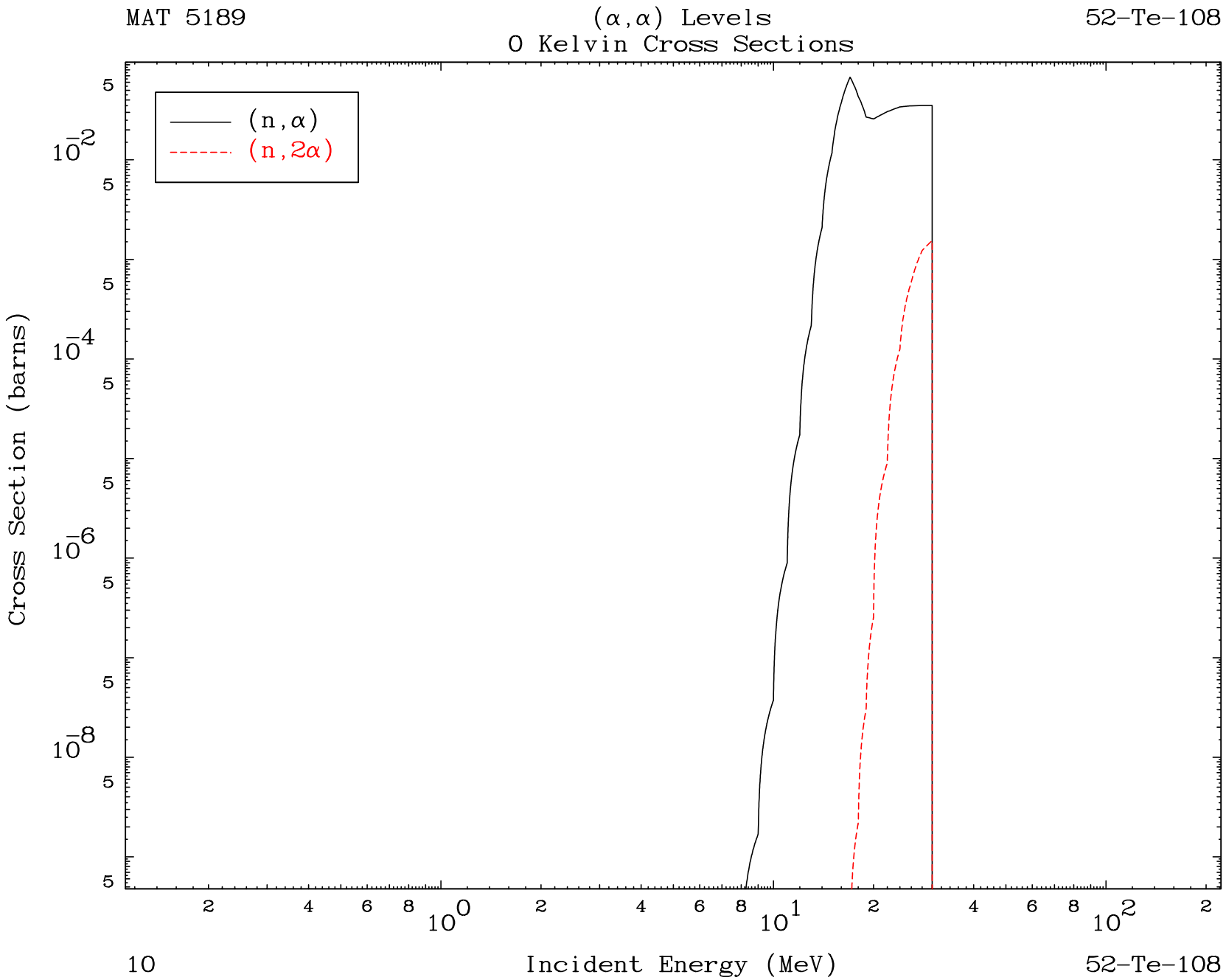

MAT 5189
α Charged Particle
0 Kelvin Cross Sections
52-Te-108
(n,n') α
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
5
52-Te-108


MAT 5189
(α,p) Levels
52-Te-108
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
6
Incident Energy (MeV)
52-Te-108


MAT 5189
(α,d) Levels
52-Te-108
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
7
52-Te-108


MAT 5189
(α,t) Levels
52-Te-108
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
8
52-Te-108


0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
5
10-6
5
10-8
5
10-10
5
5
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 5189
(α,α) Levels
52-Te-108
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
52-Te-108