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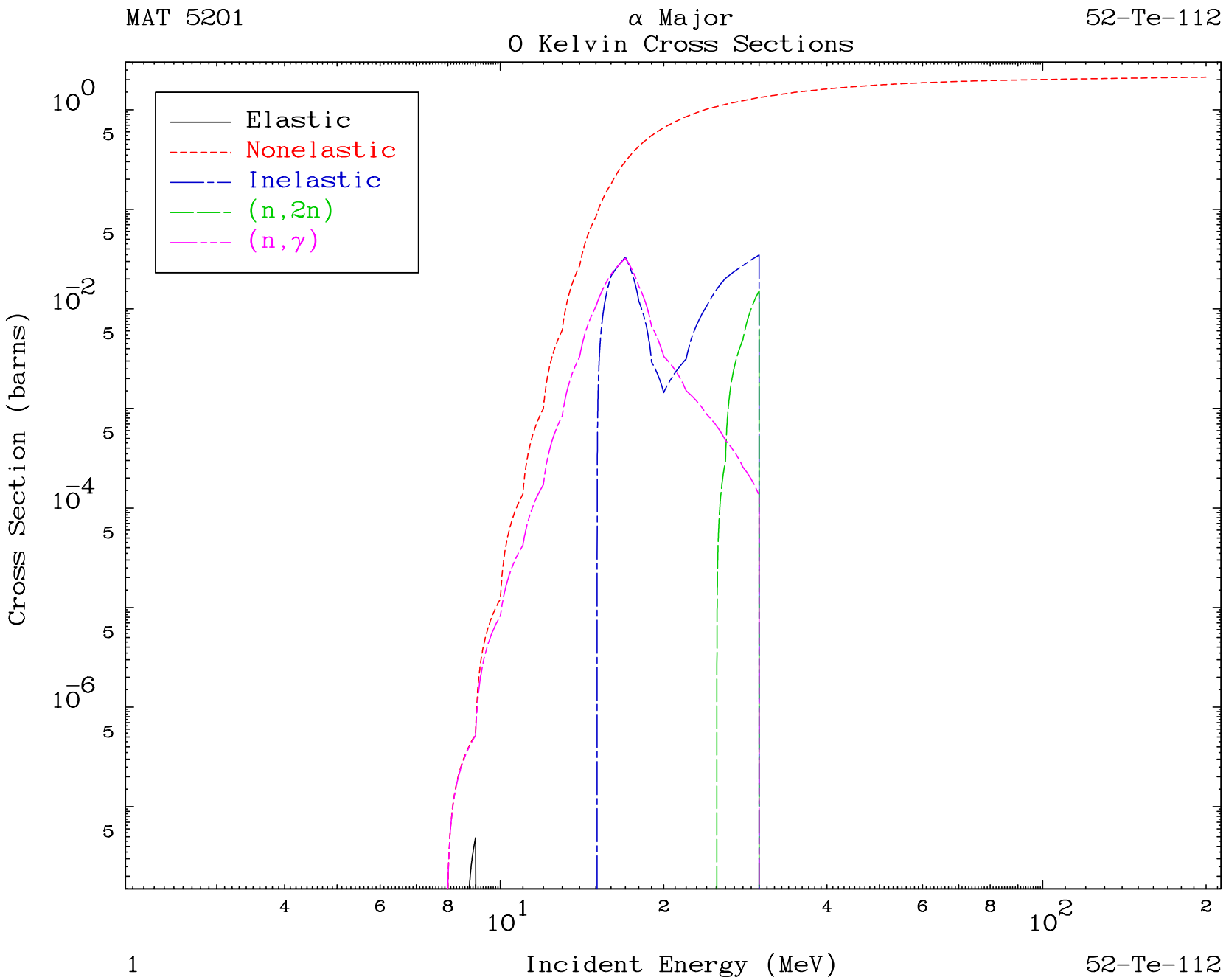
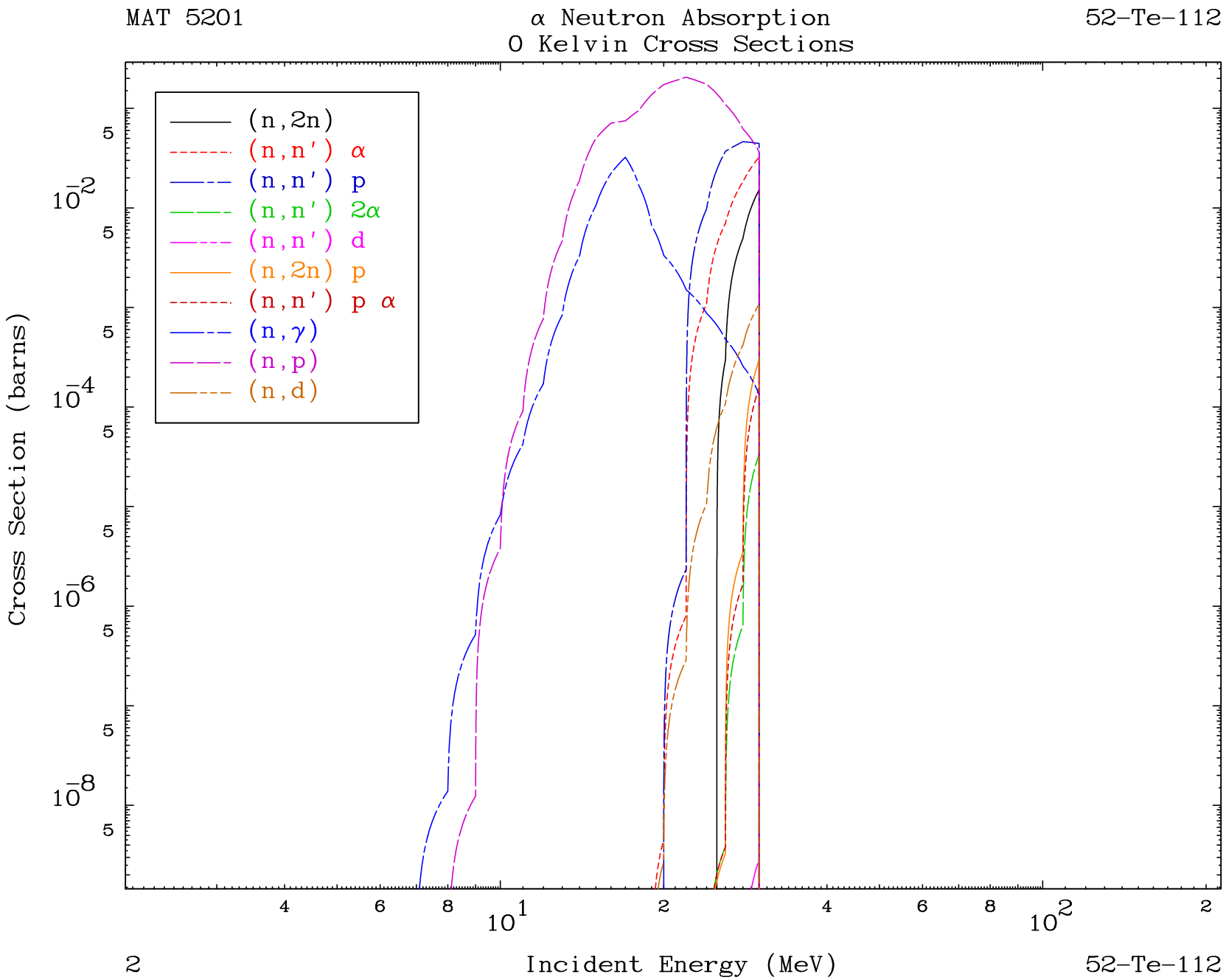
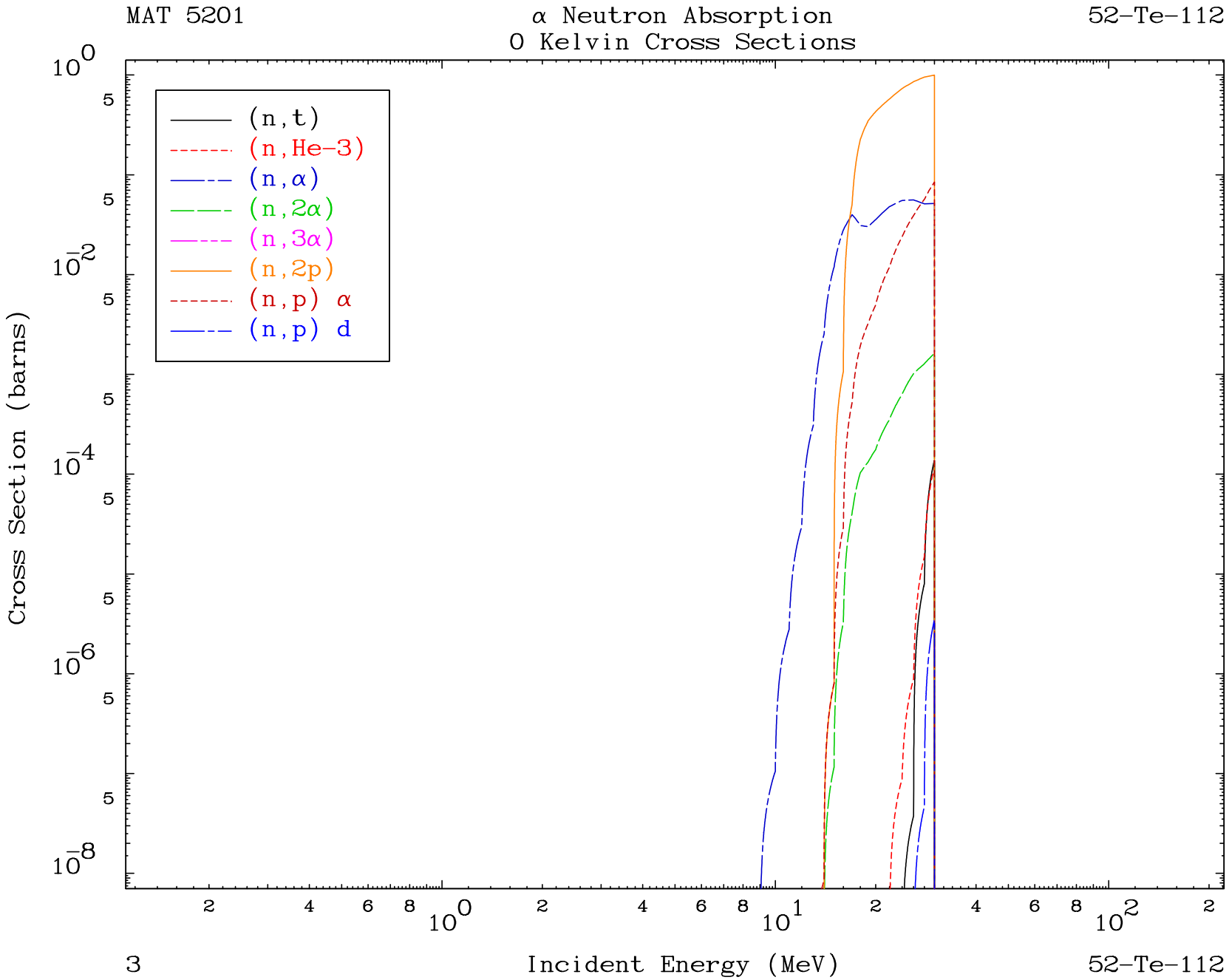
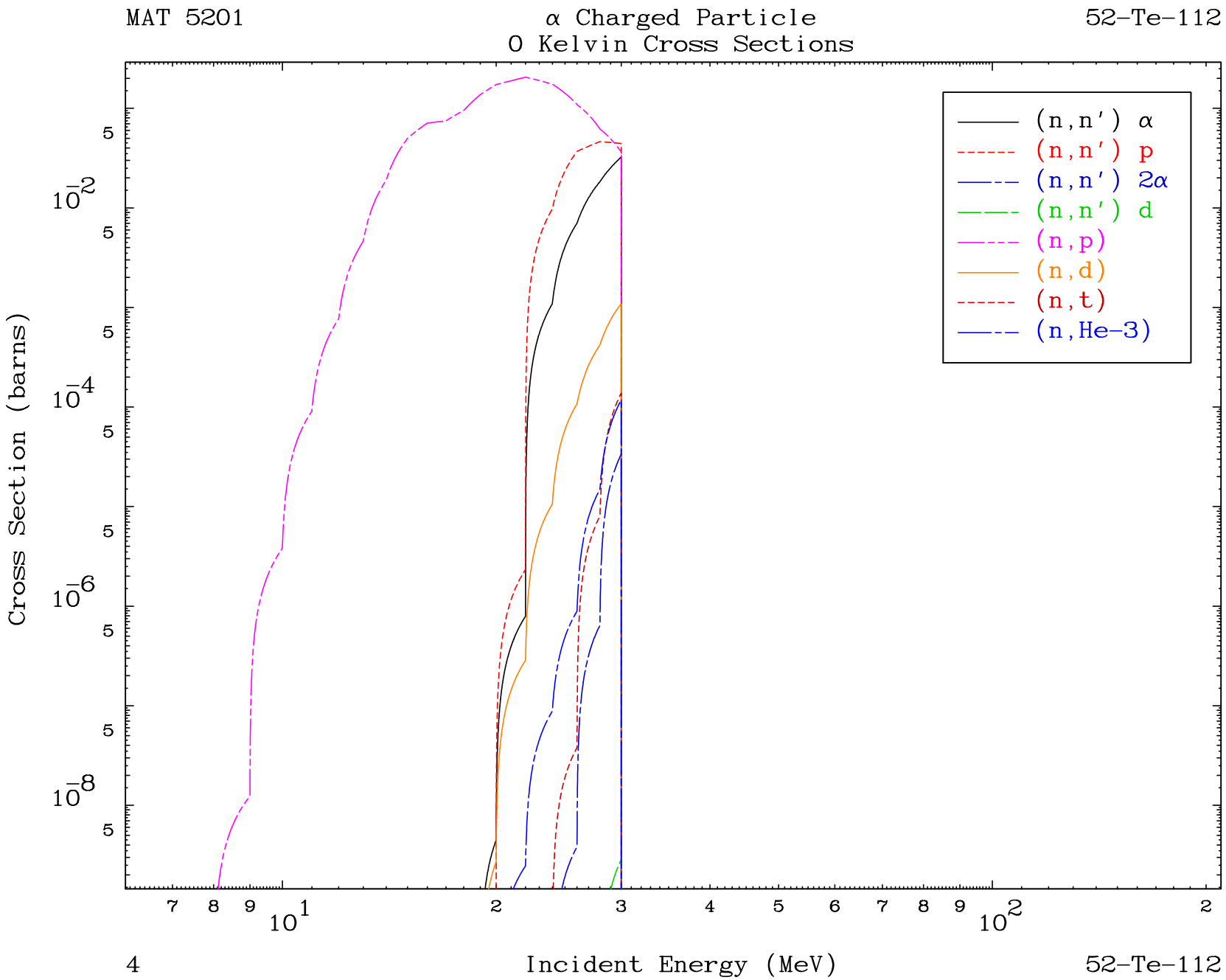
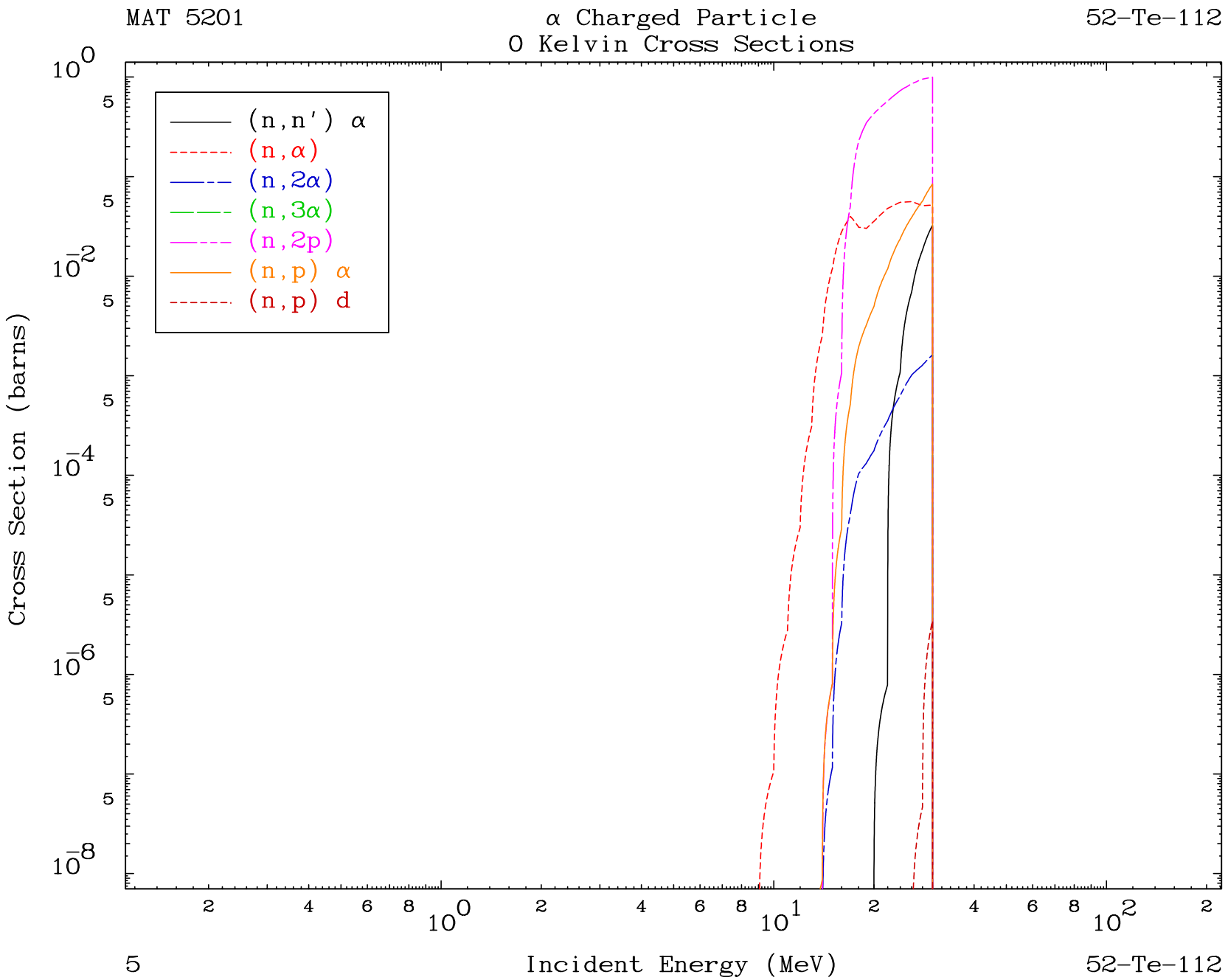
Press Mouse Button to Start

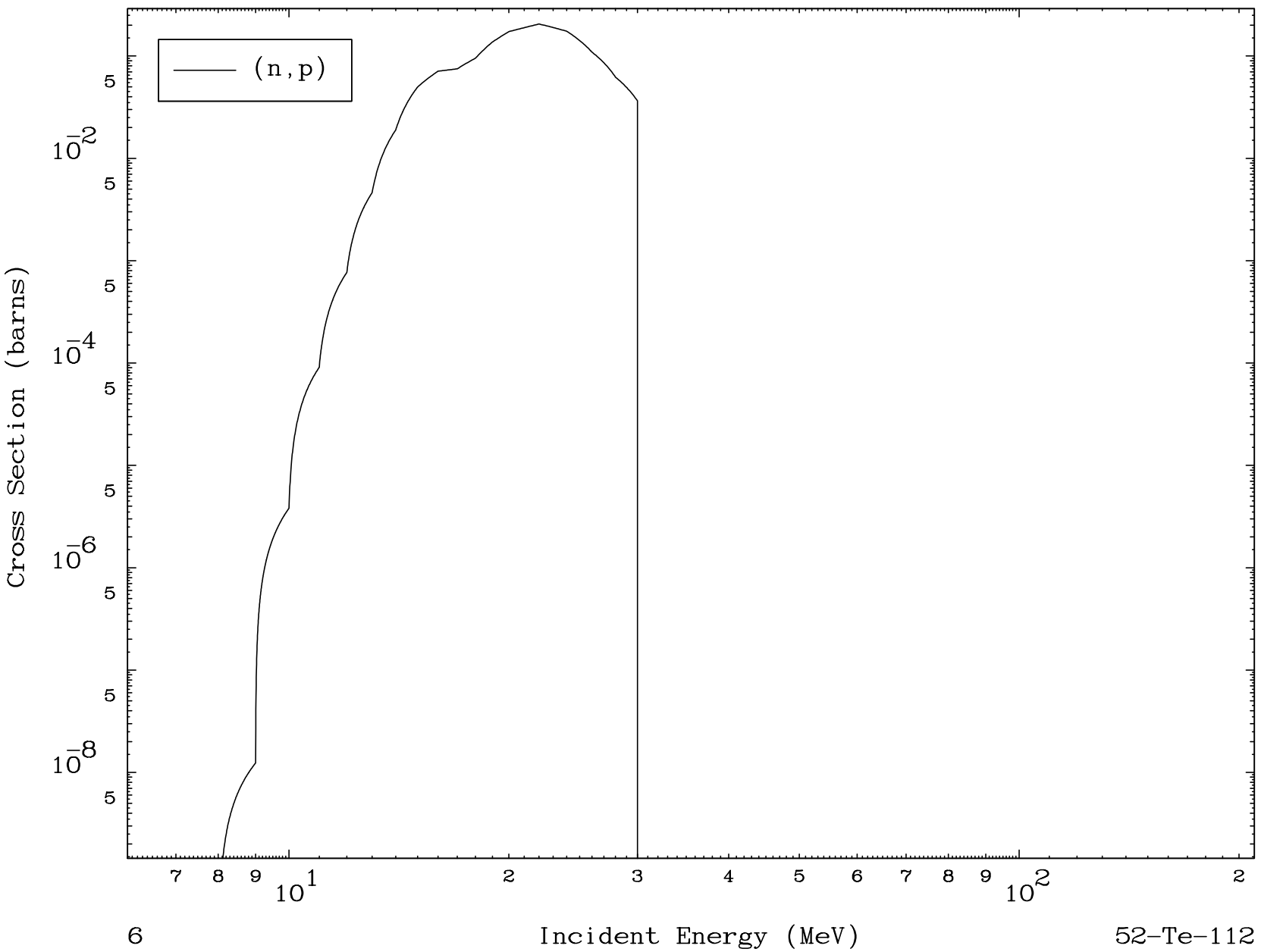

MAT 5201
α Major
52-Te-112
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
52-Te-112


MAT 5201
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-112
(n,2n)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
52-Te-112

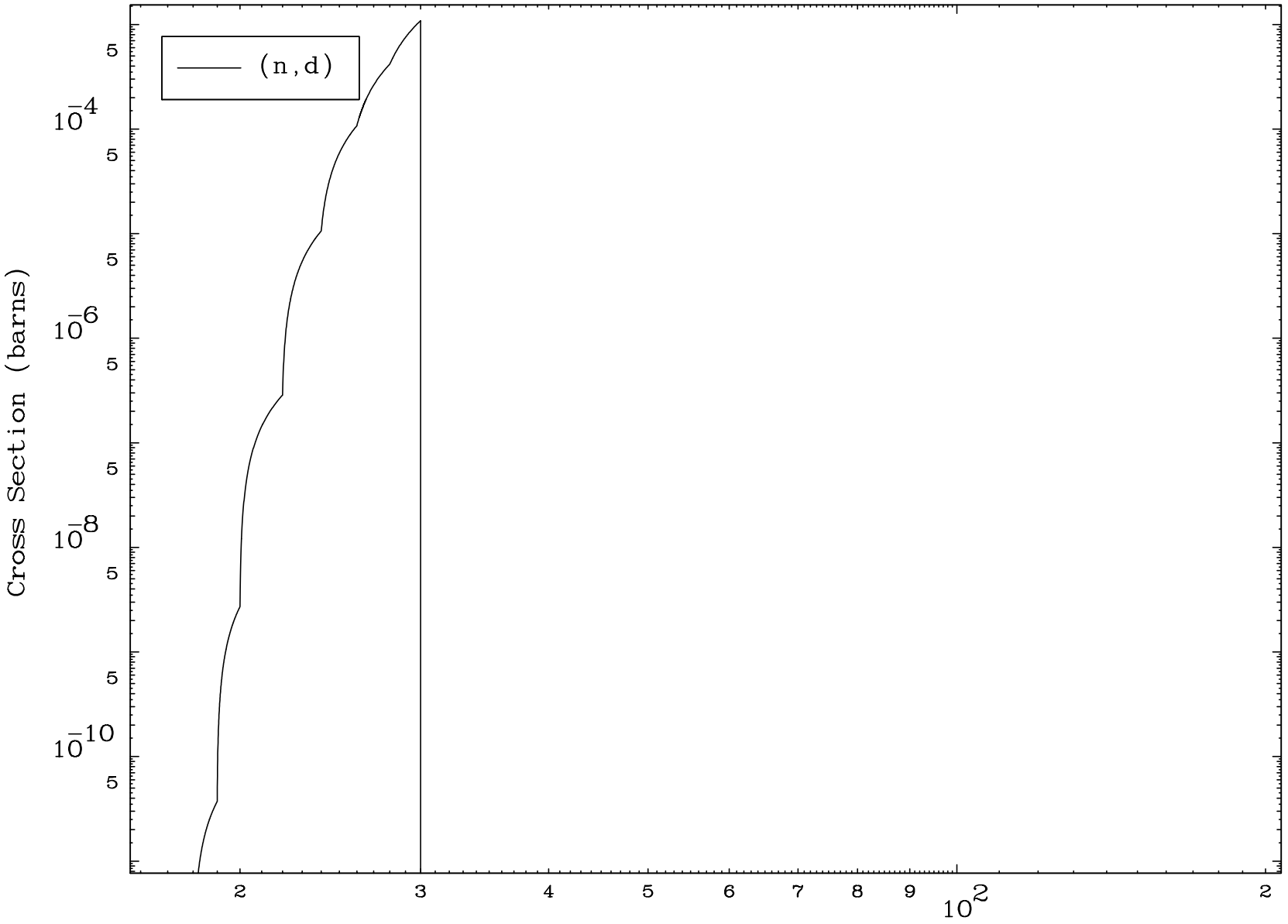

MAT 5201
α Neutron Absorption
0 Kelvin Cross Sections
52-Te-112
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
3
52-Te-112

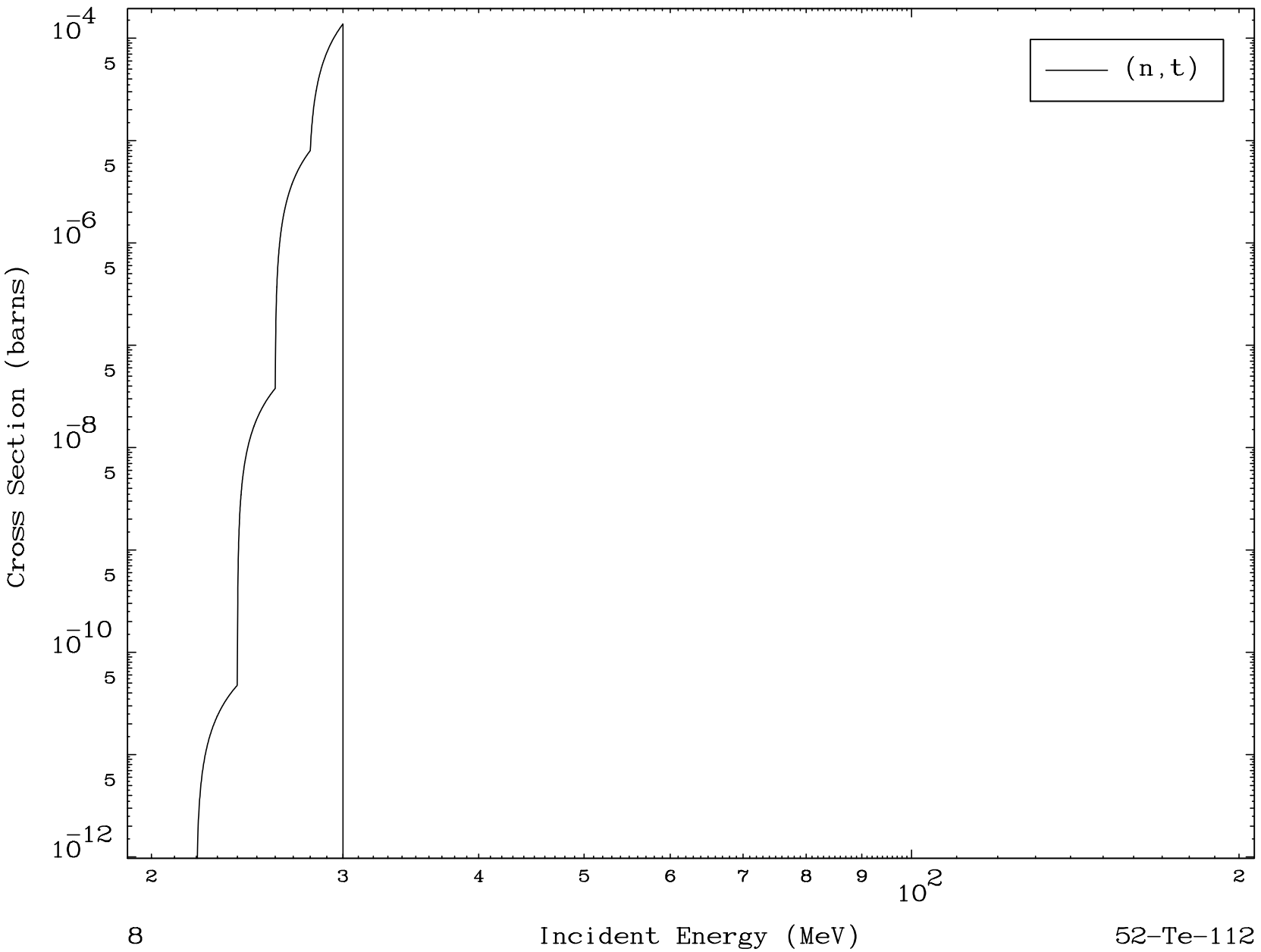

MAT 5201
α Charged Particle
0 Kelvin Cross Sections
52-Te-112
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
52-Te-112

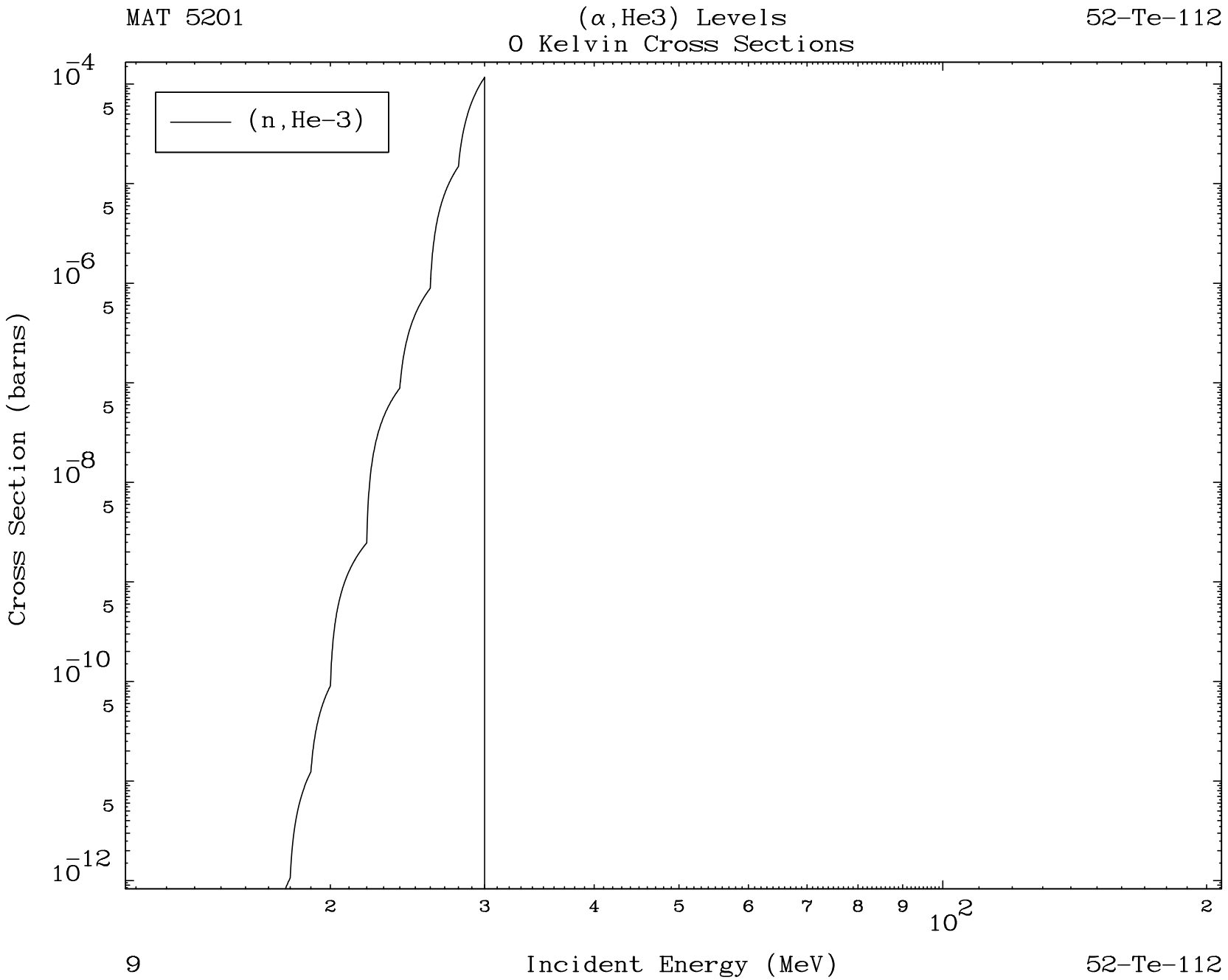

MAT 5201
α Charged Particle
0 Kelvin Cross Sections
52-Te-112
(n,n') α
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
Cross Section (barns)
Incident Energy (MeV)
52-Te-112
5

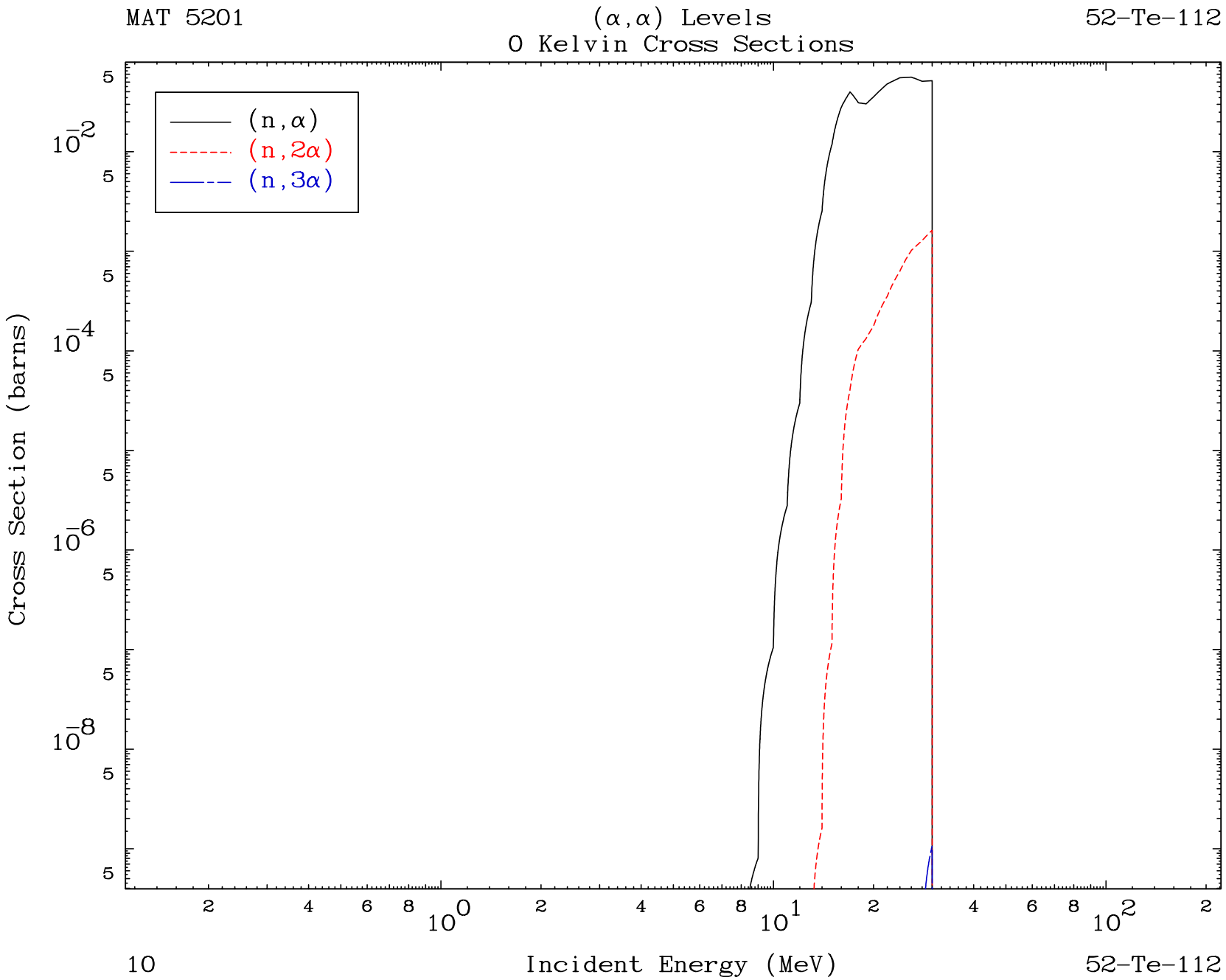

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

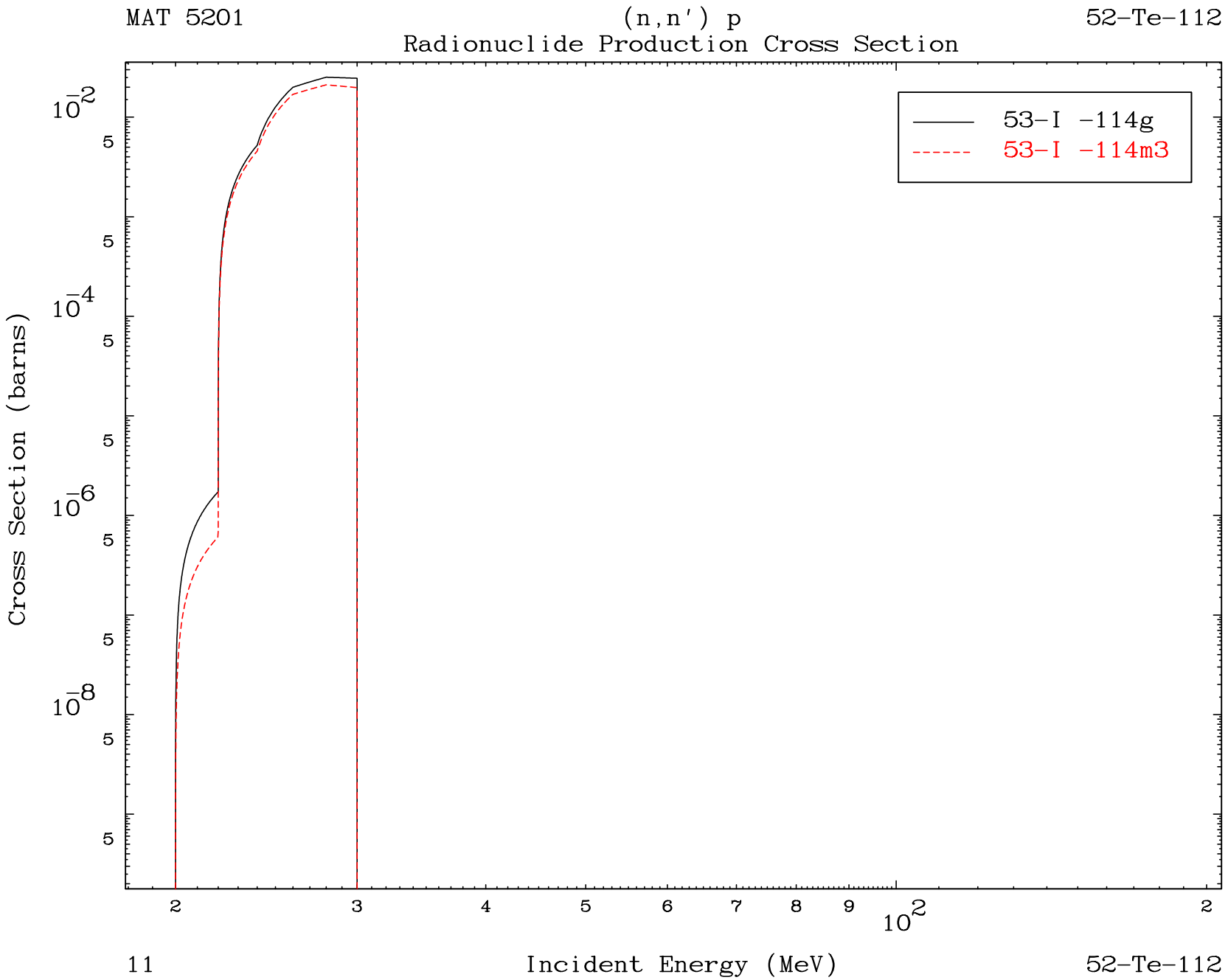
0 Kelvin Cross Sections

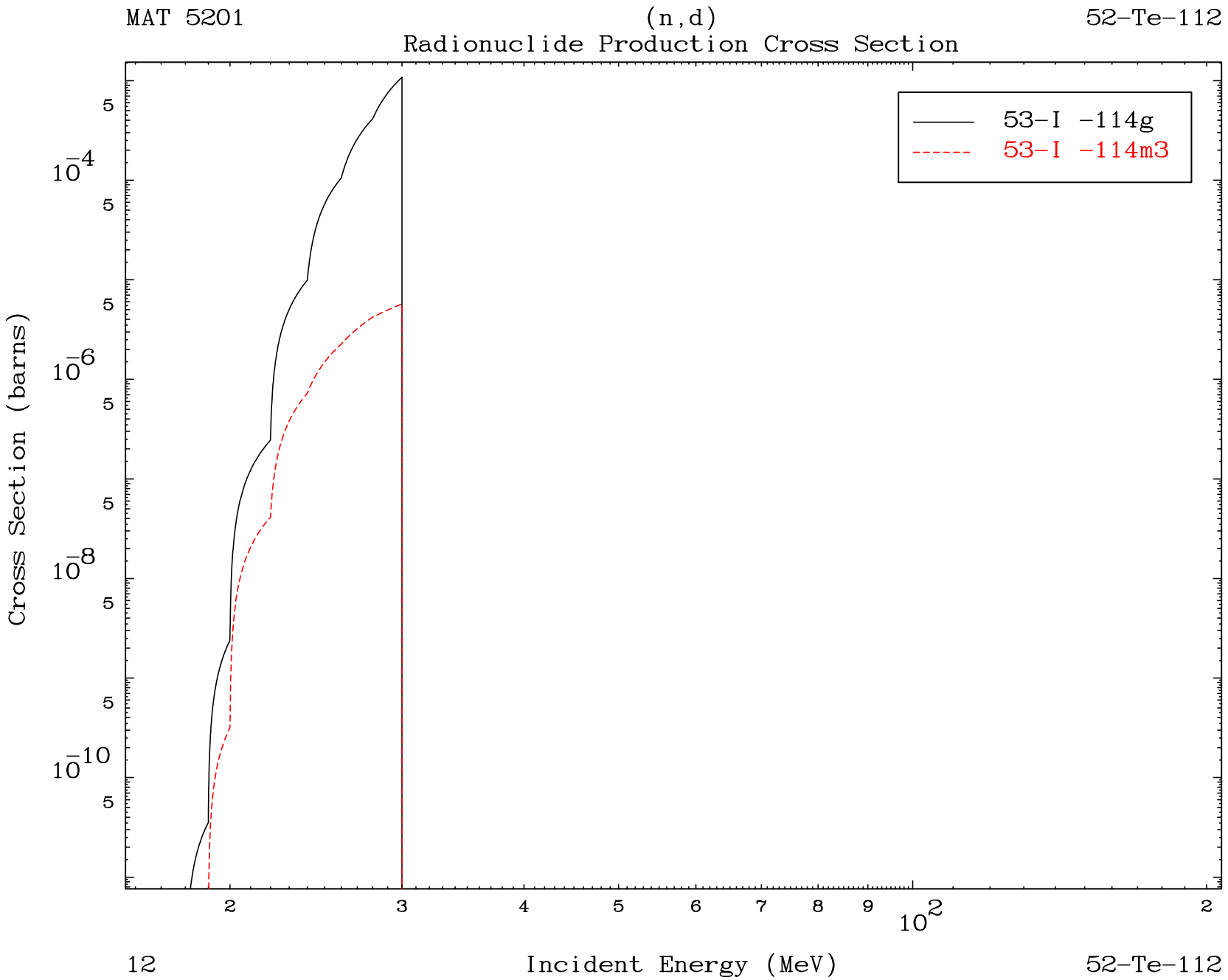



0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
5
10^-6
5
10^-8
5
10^-10
5
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 5201
(α,He3) Levels
52-Te-112
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
52-Te-112


MAT 5201
(α,α) Levels
52-Te-112
0 Kelvin Cross Sections
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
52-Te-112


MAT 5201
(n,n') p
52-Te-112
Radionuclide Production Cross Section
53-I -114g
53-I -114m3
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
52-Te-112


MAT 5201
(n,d)
52-Te-112
Radionuclide Production Cross Section
53-I -114g
53-I -114m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
12
Incident Energy (MeV)
52-Te-112