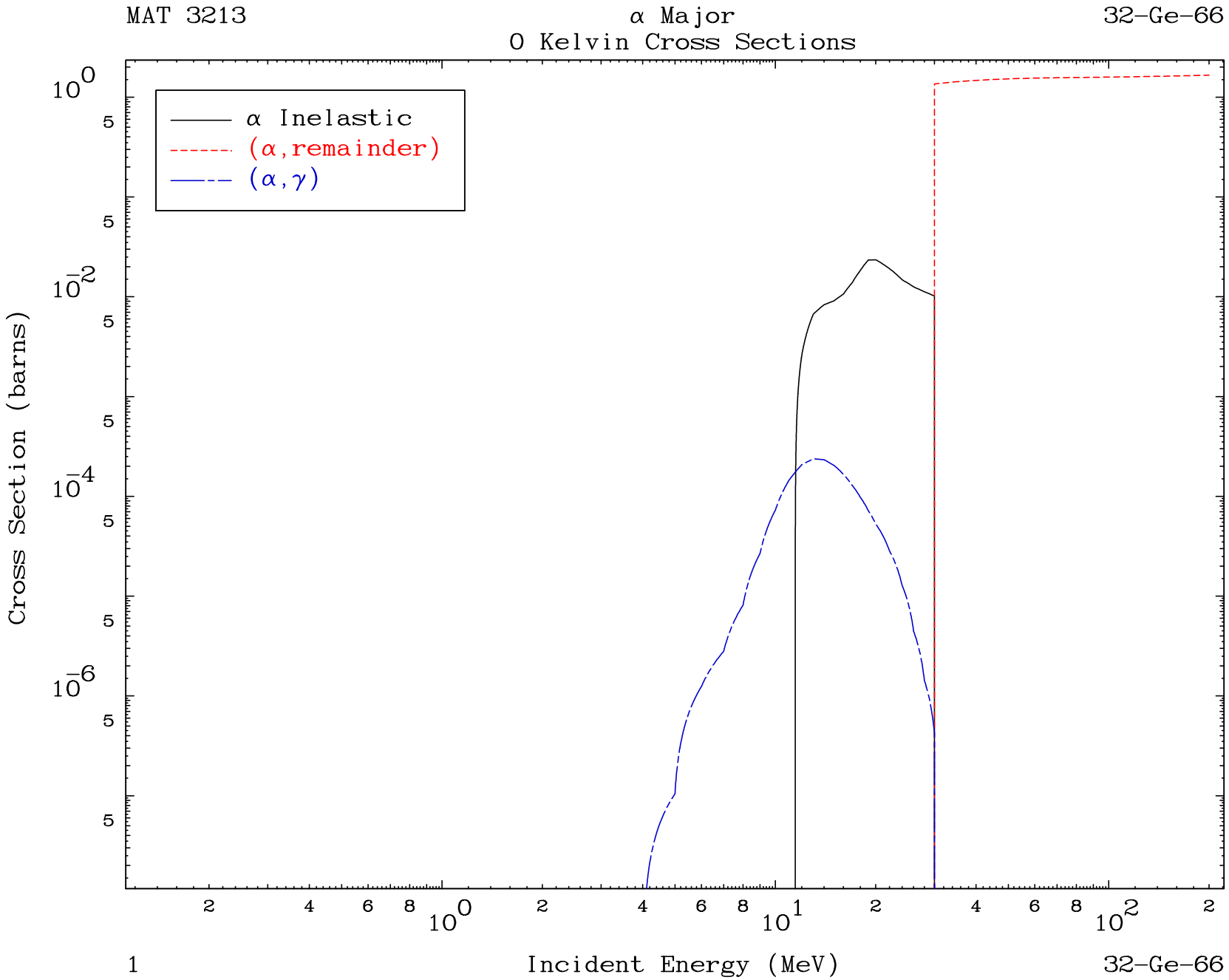
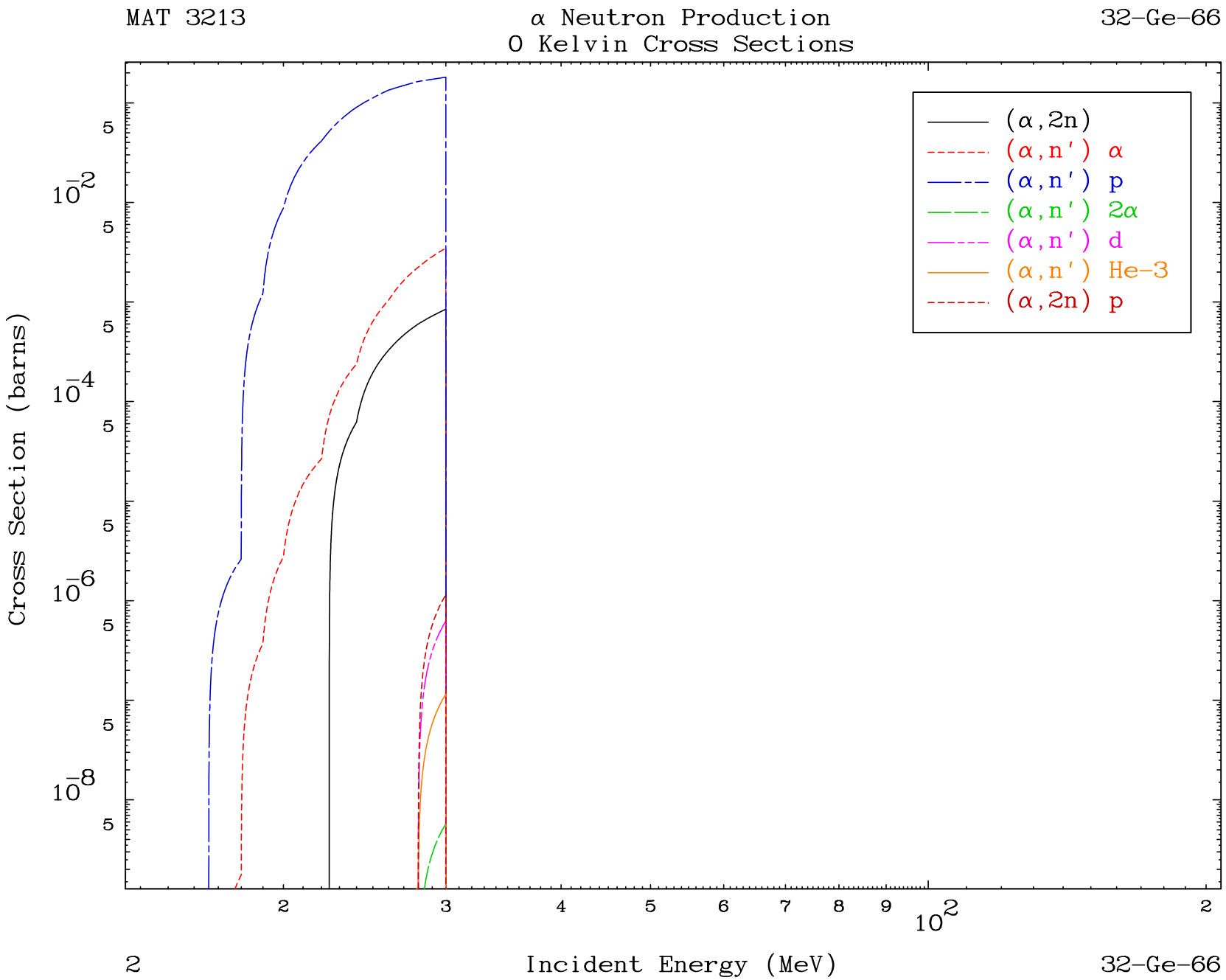
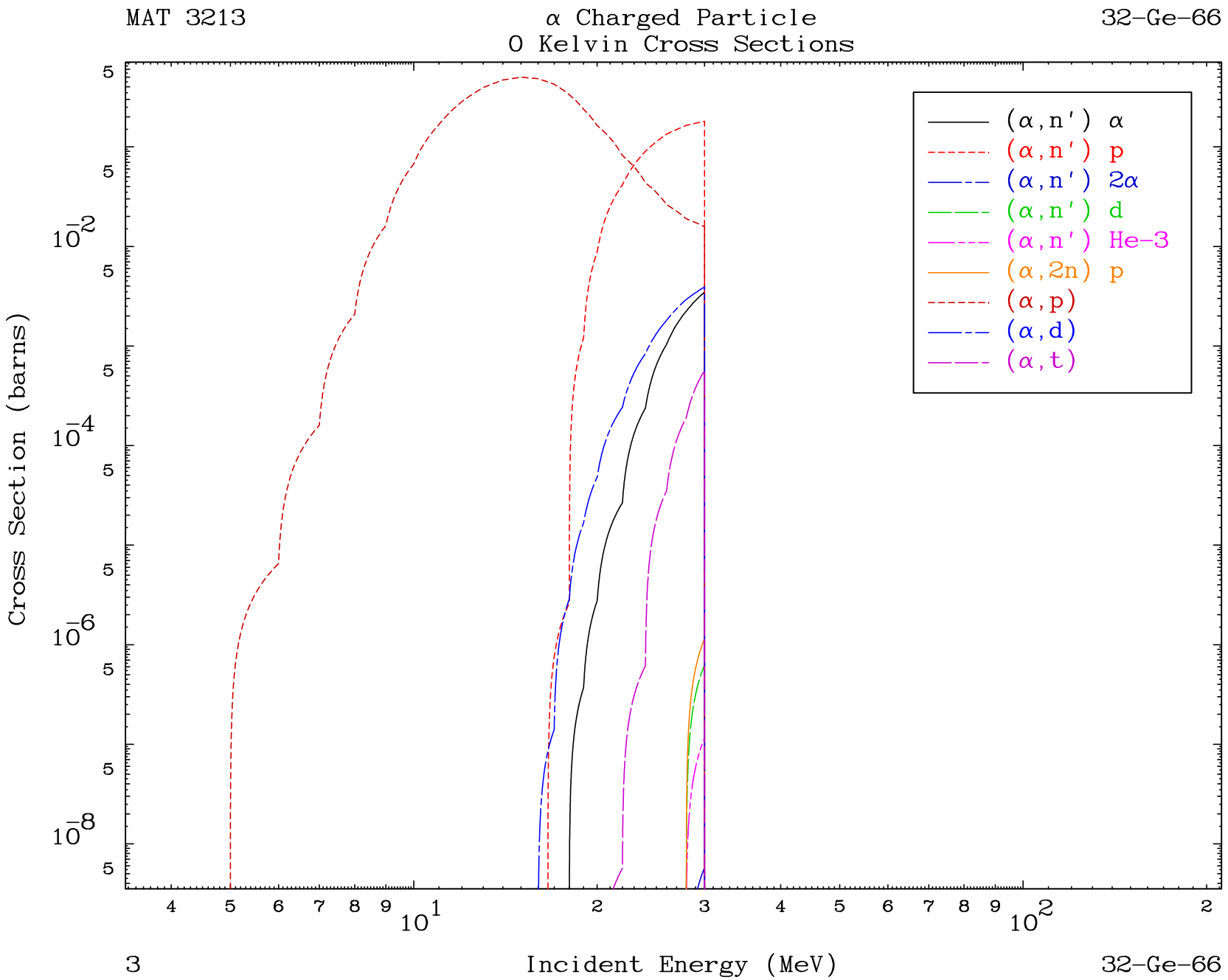
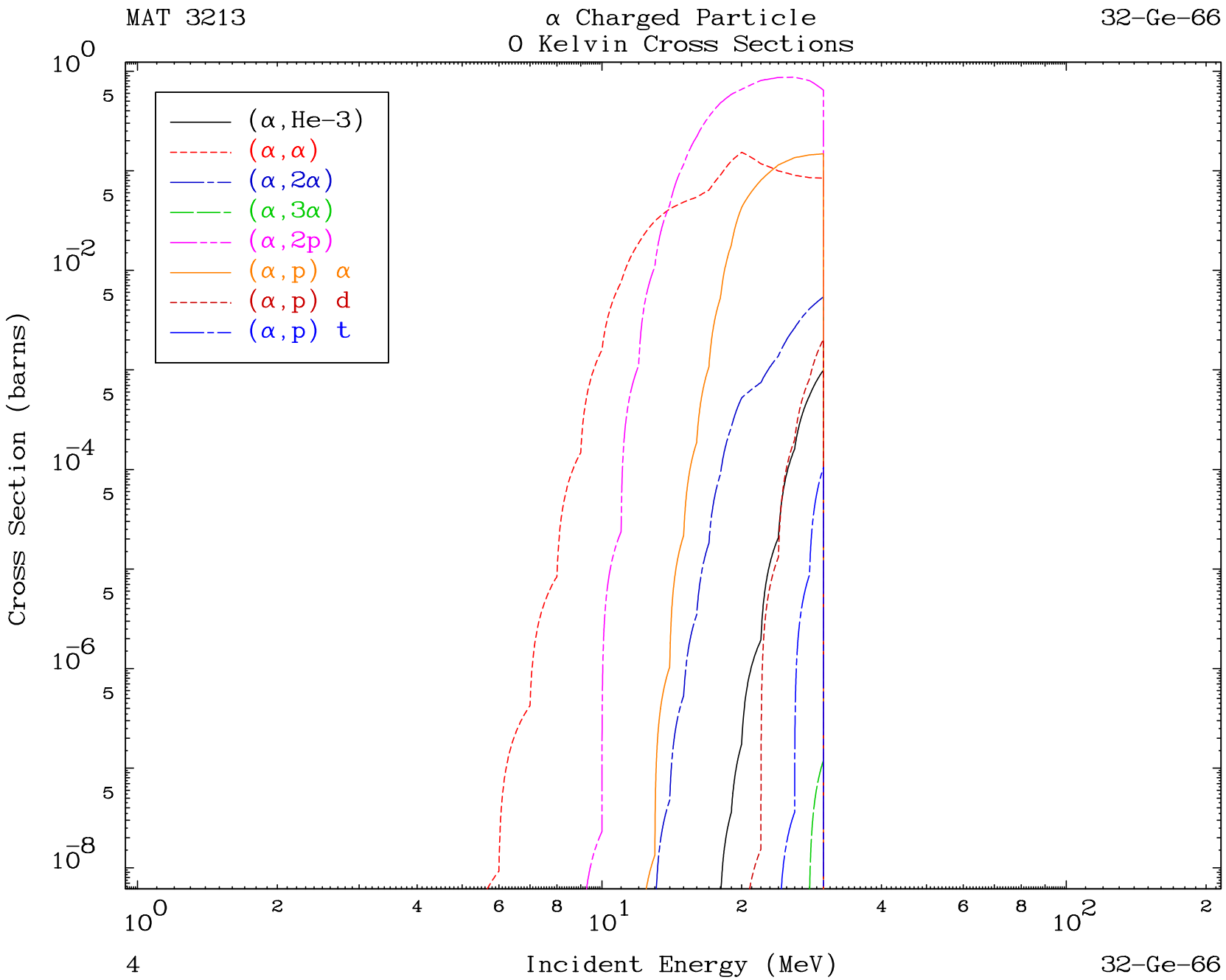
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

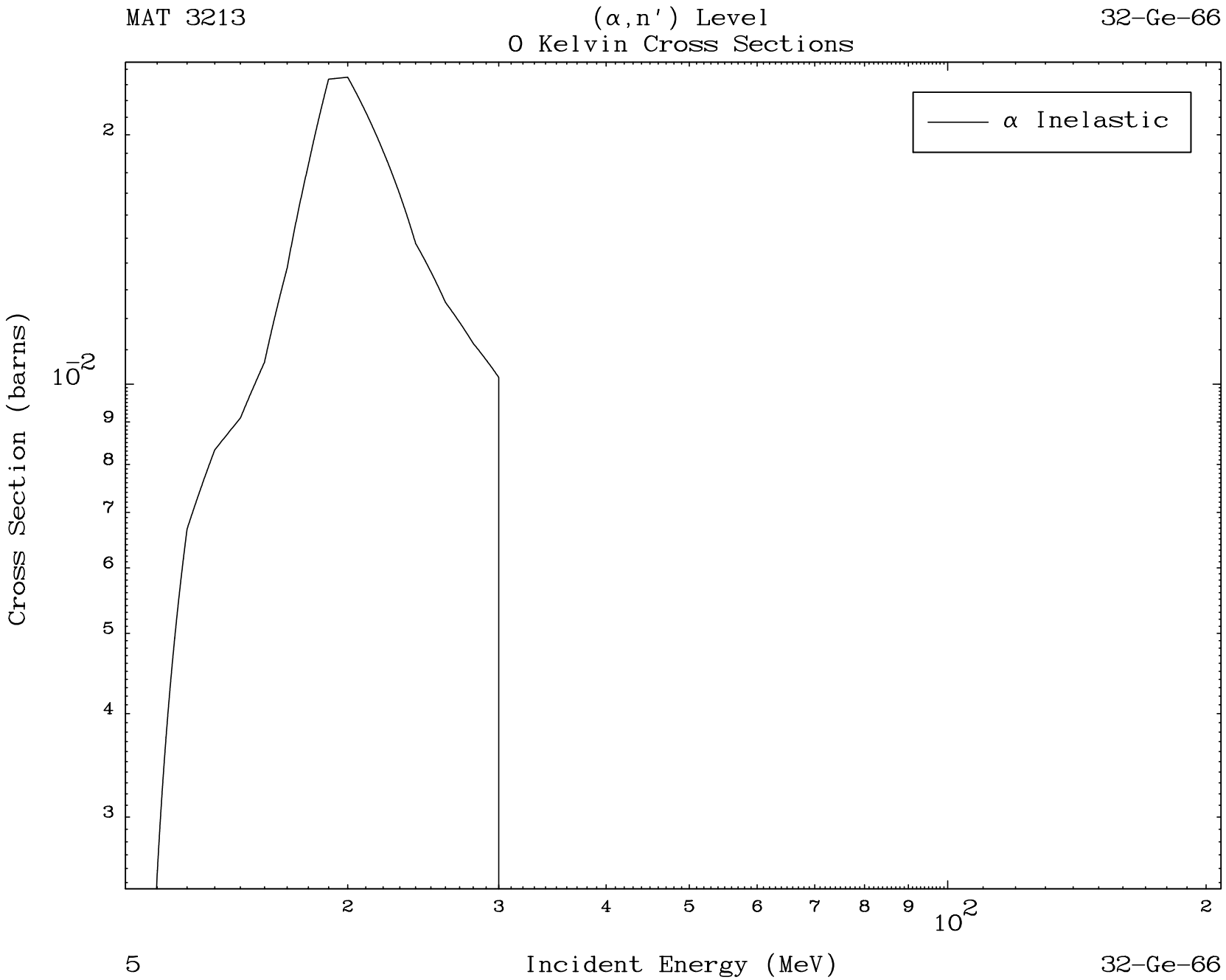
Press Mouse Button to Start


MAT 3213
α Major
32-Ge-66
0 Kelvin Cross Sections
α Inelastic
(α,remainder)
(α,γ)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-66
1

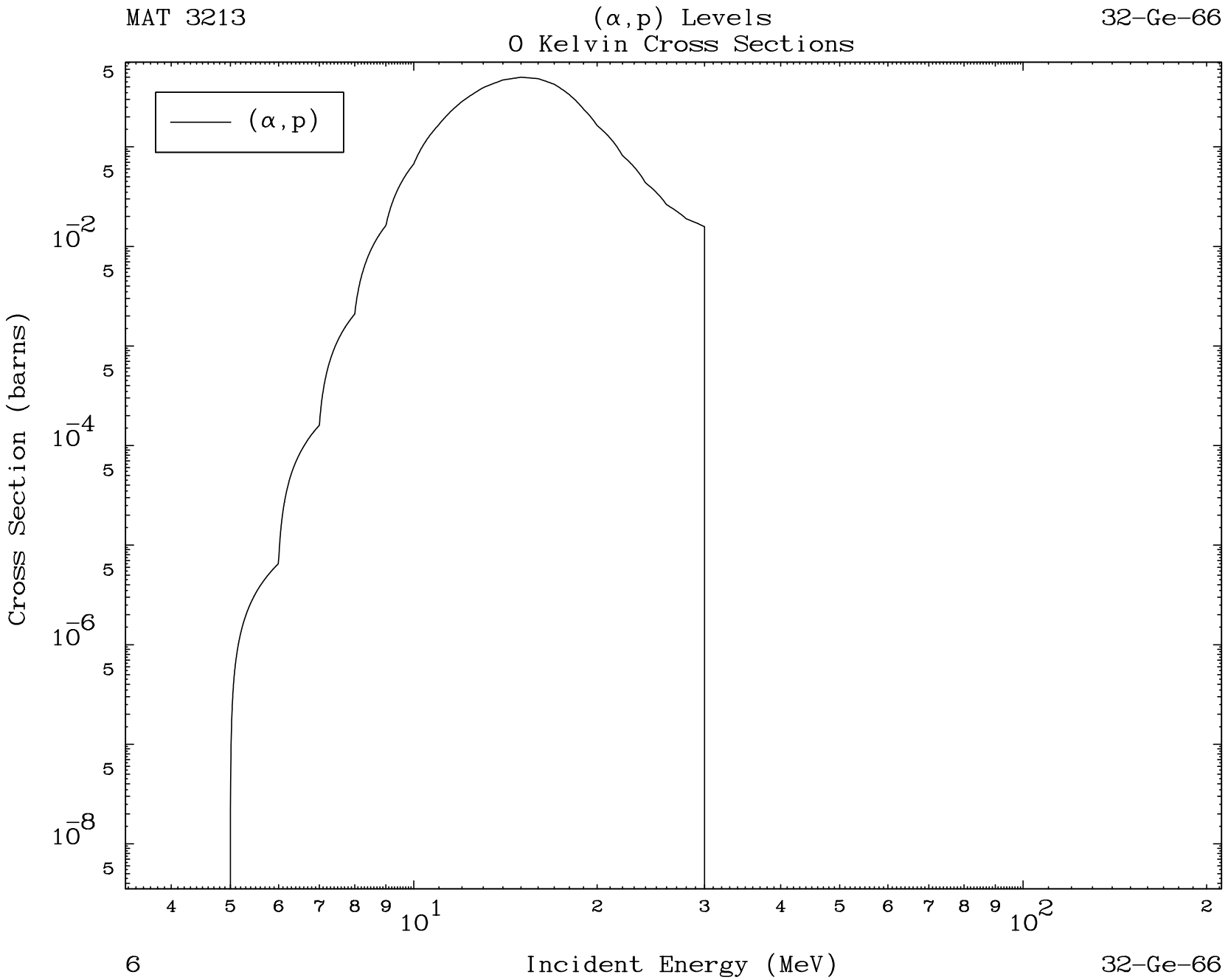

MAT 3213
α Neutron Production
0 Kelvin Cross Sections
32-Ge-66
Cross Section (barns)
10-2
10-4
10-6
10-8
(α,2n)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)
32-Ge-66

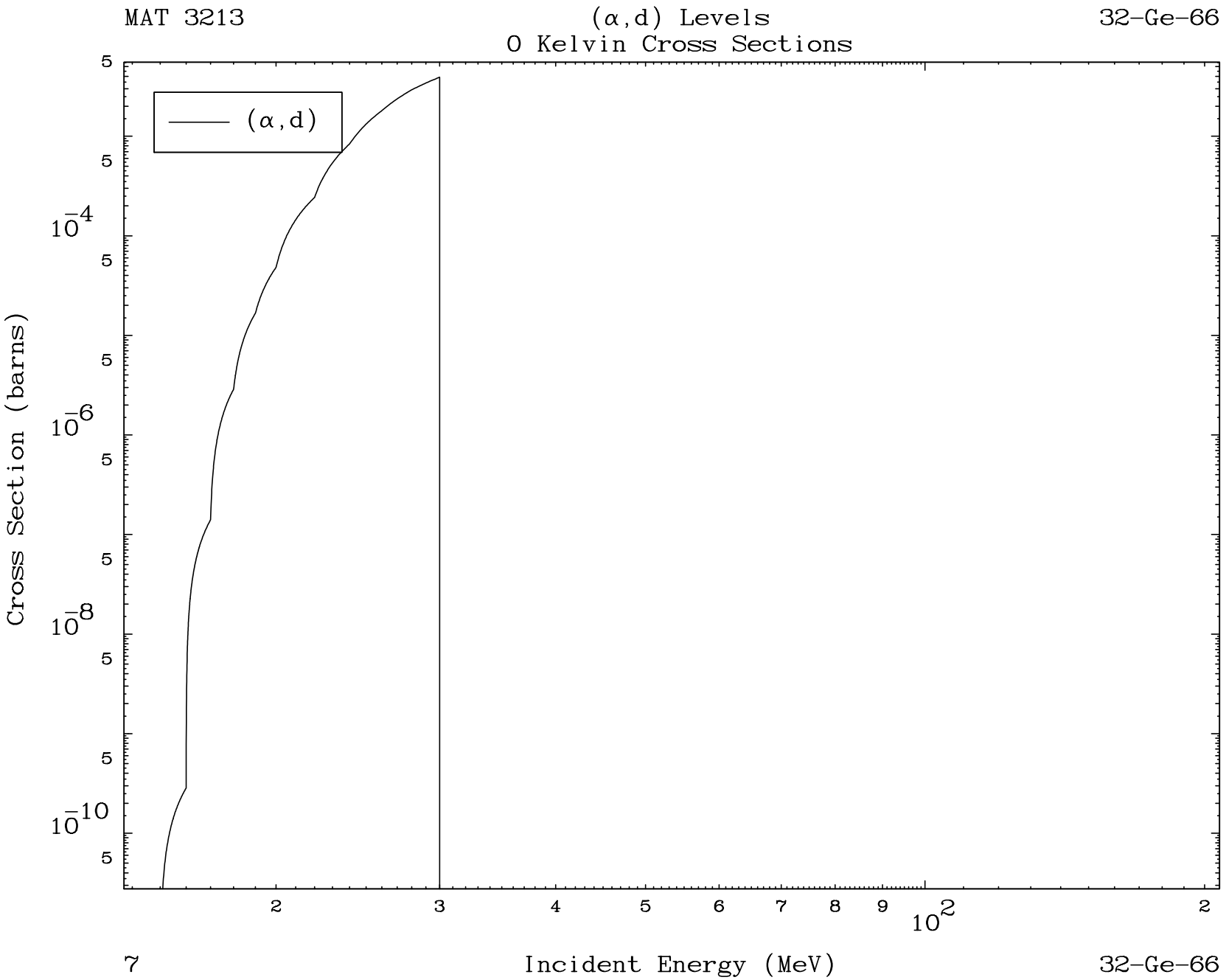

MAT 3213
α Charged Particle
0 Kelvin Cross Sections
32-Ge-66
Cross Section (barns)
Incident Energy (MeV)
(α,n') α
(α,n') p
(α,n') 2α
(α,n') d
(α,n') He-3
(α,2n) p
(α,p)
(α,d)
(α,t)
3
32-Ge-66

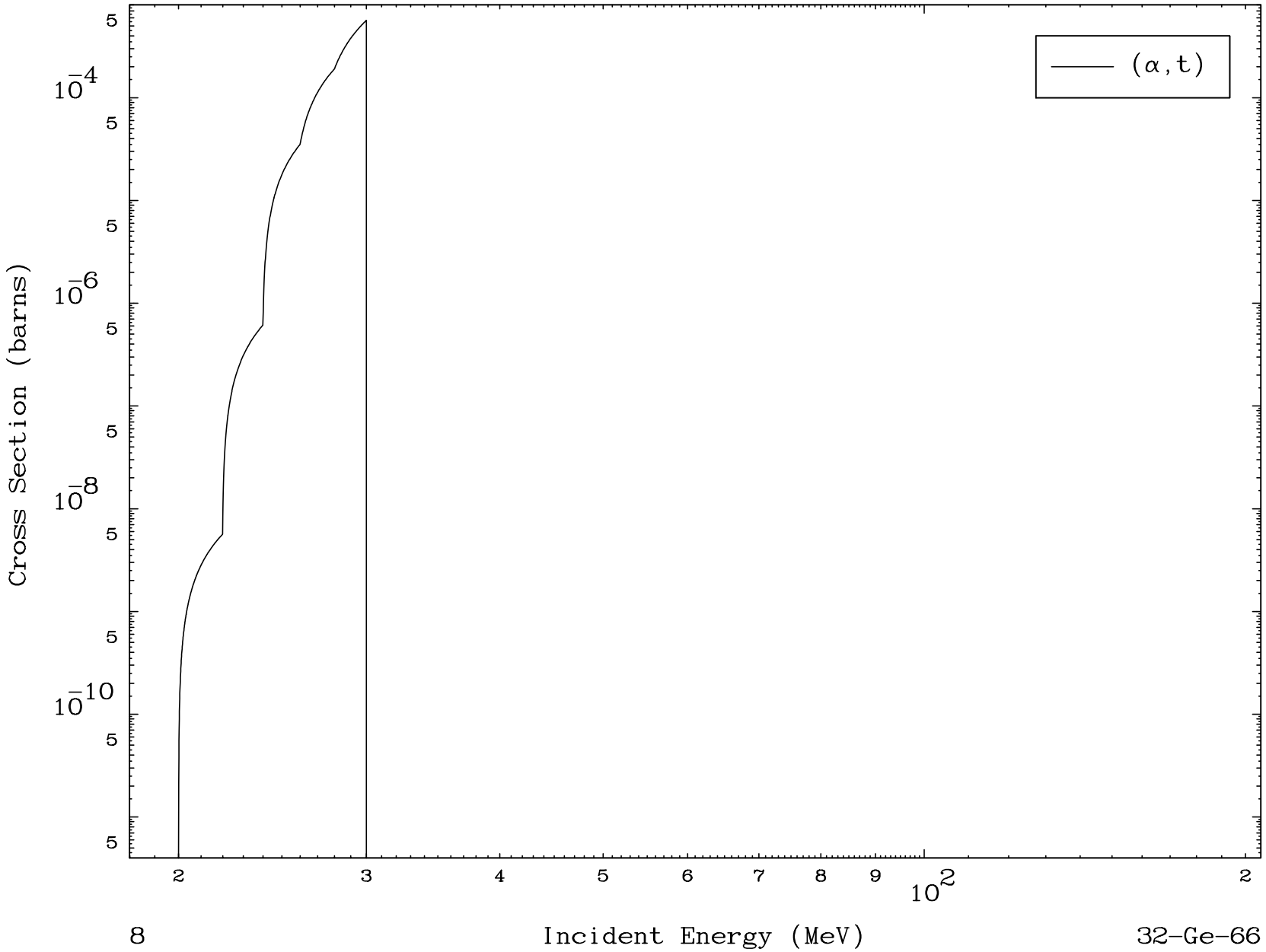

MAT 3213
α Charged Particle
0 Kelvin Cross Sections
32-Ge-66
(α,He-3)
(α,α)
(α,2α)
(α,3α)
(α,2p)
(α,p) α
(α,p) d
(α,p) t
Cross Section (barns)
Incident Energy (MeV)
4
32-Ge-66

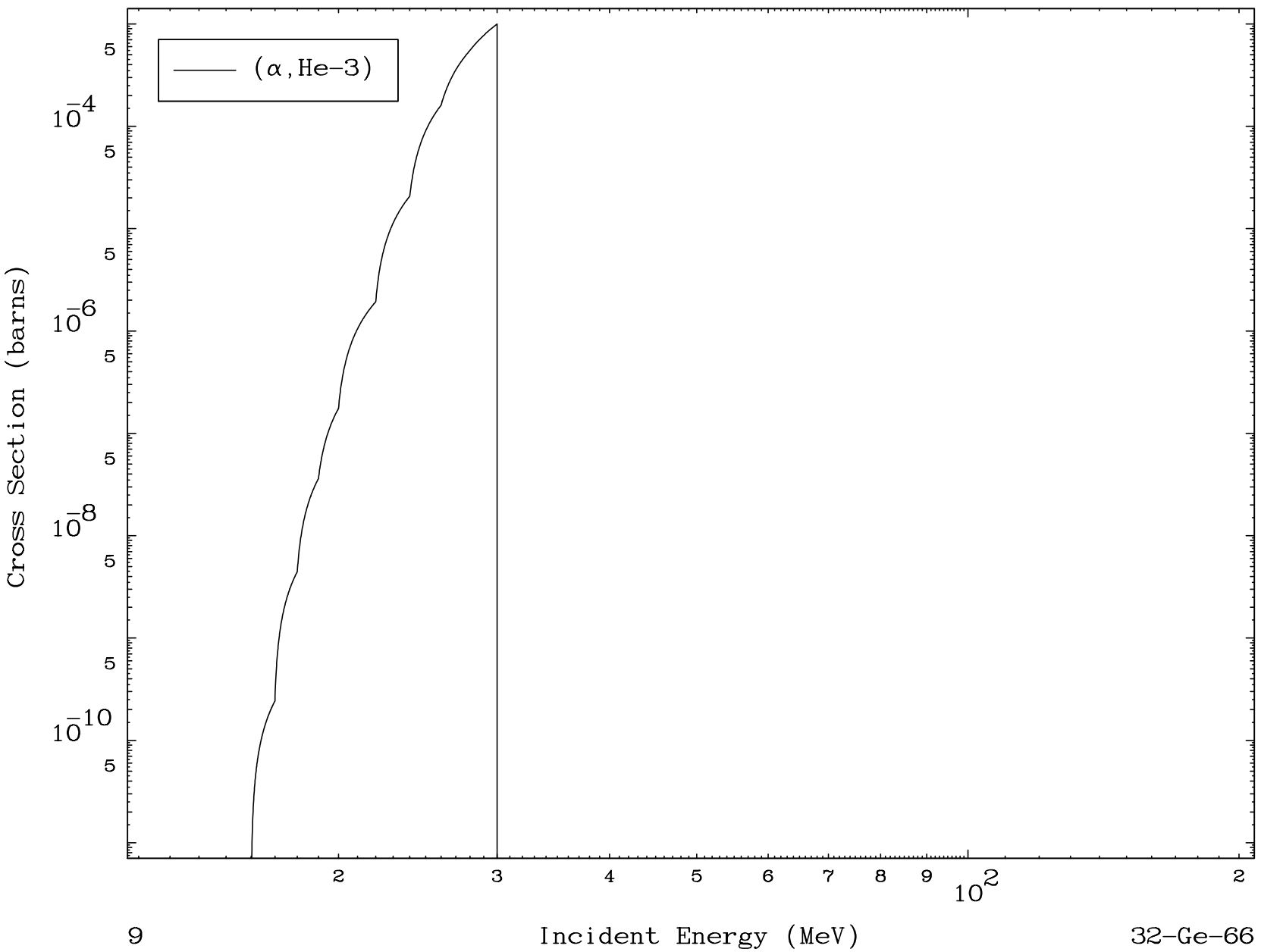

MAT 3213
(α,n') Level
32-Ge-66
0 Kelvin Cross Sections
α Inelastic
Cross Section (barns)
10^-2
2
9
8
7
6
5
4
3
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

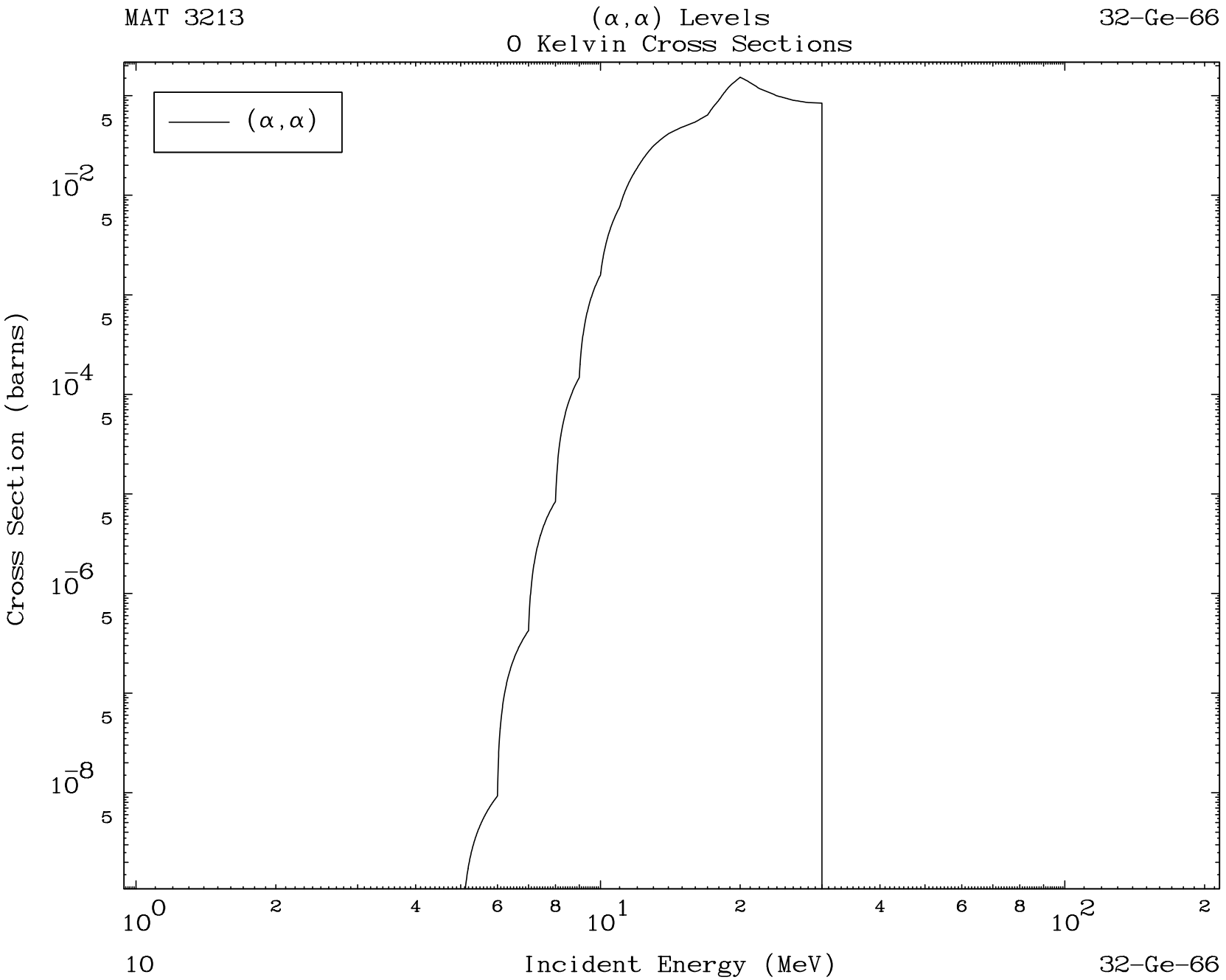
32-Ge-66

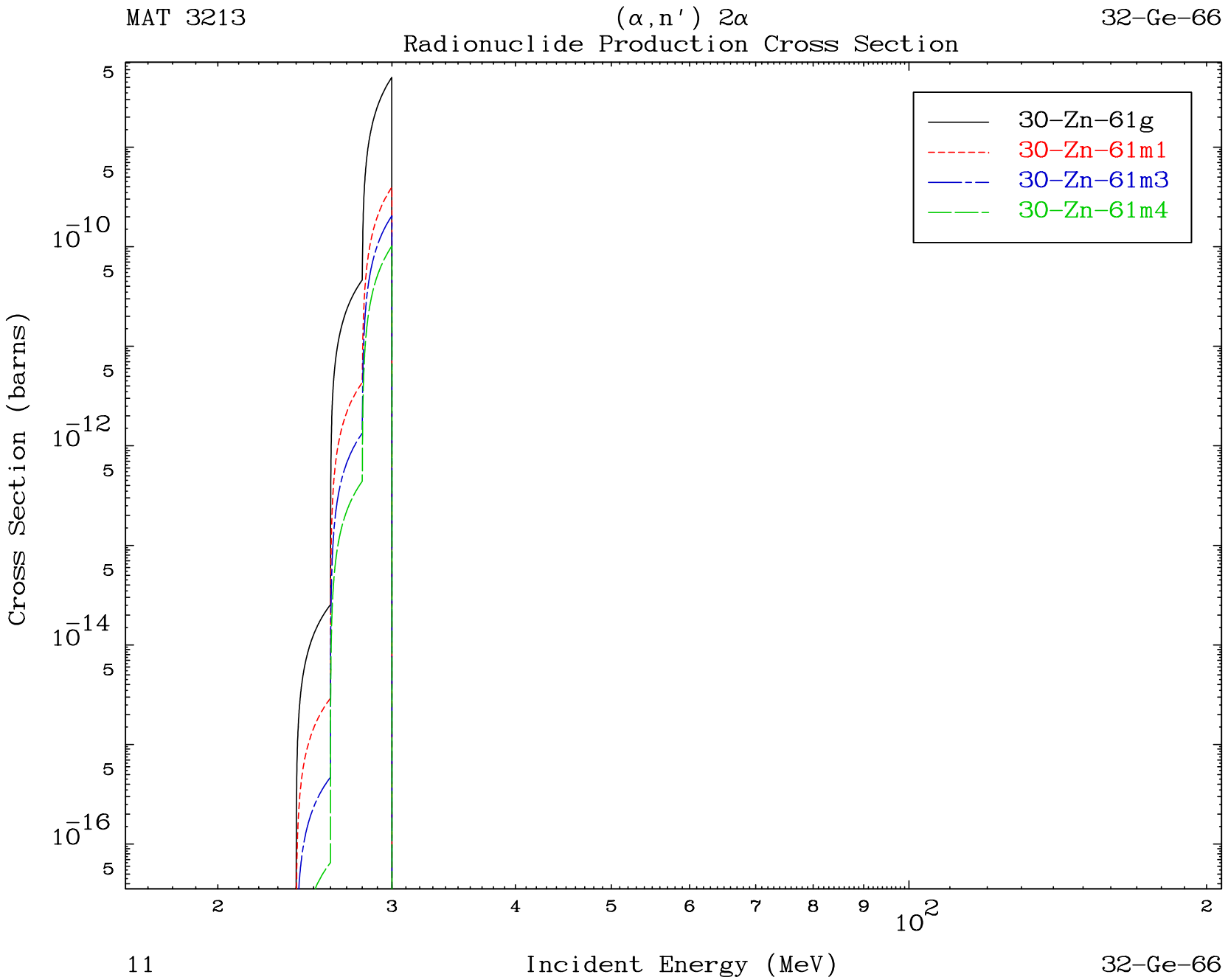

MAT 3213
(α,p) Levels
32-Ge-66
0 Kelvin Cross Sections
(α,p)
Cross Section (barns)
Incident Energy (MeV)
6
32-Ge-66


MAT 3213
(α,d) Levels
32-Ge-66
0 Kelvin Cross Sections
(α,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
32-Ge-66


0 Kelvin Cross Sections
(α,t)
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)


0 Kelvin Cross Sections
(α,He-3)
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)


MAT 3213
(α,α) Levels
32-Ge-66
0 Kelvin Cross Sections
(α,α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
5
10^0
2
4
6
8
10^1
2
4
6
8
10^2
2
10
Incident Energy (MeV)
32-Ge-66


MAT 3213
(α,n') 2α
32-Ge-66
Radionuclide Production Cross Section
30-Zn-61g
30-Zn-61m1
30-Zn-61m3
30-Zn-61m4
Cross Section (barns)
Incident Energy (MeV)
11
32-Ge-66