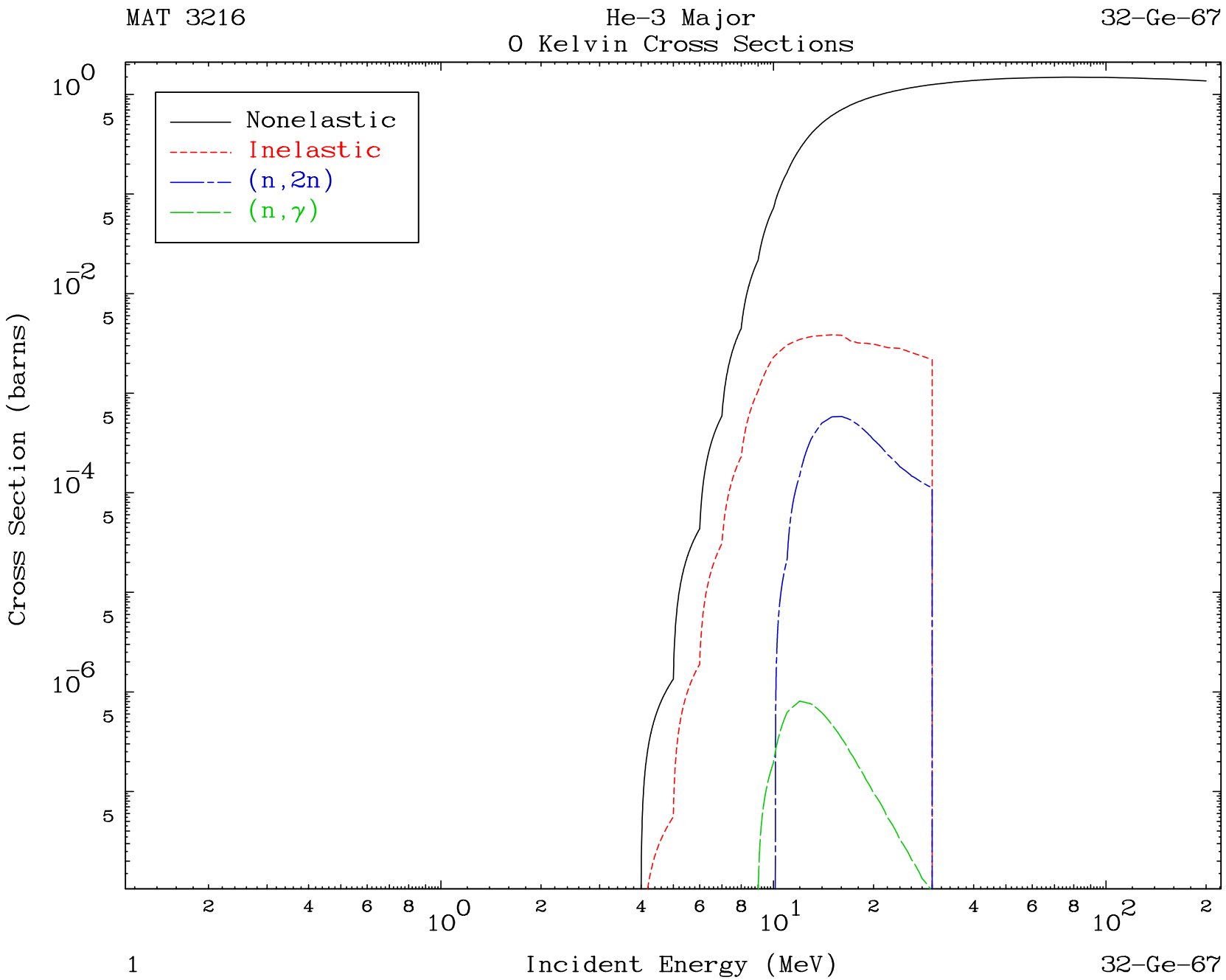
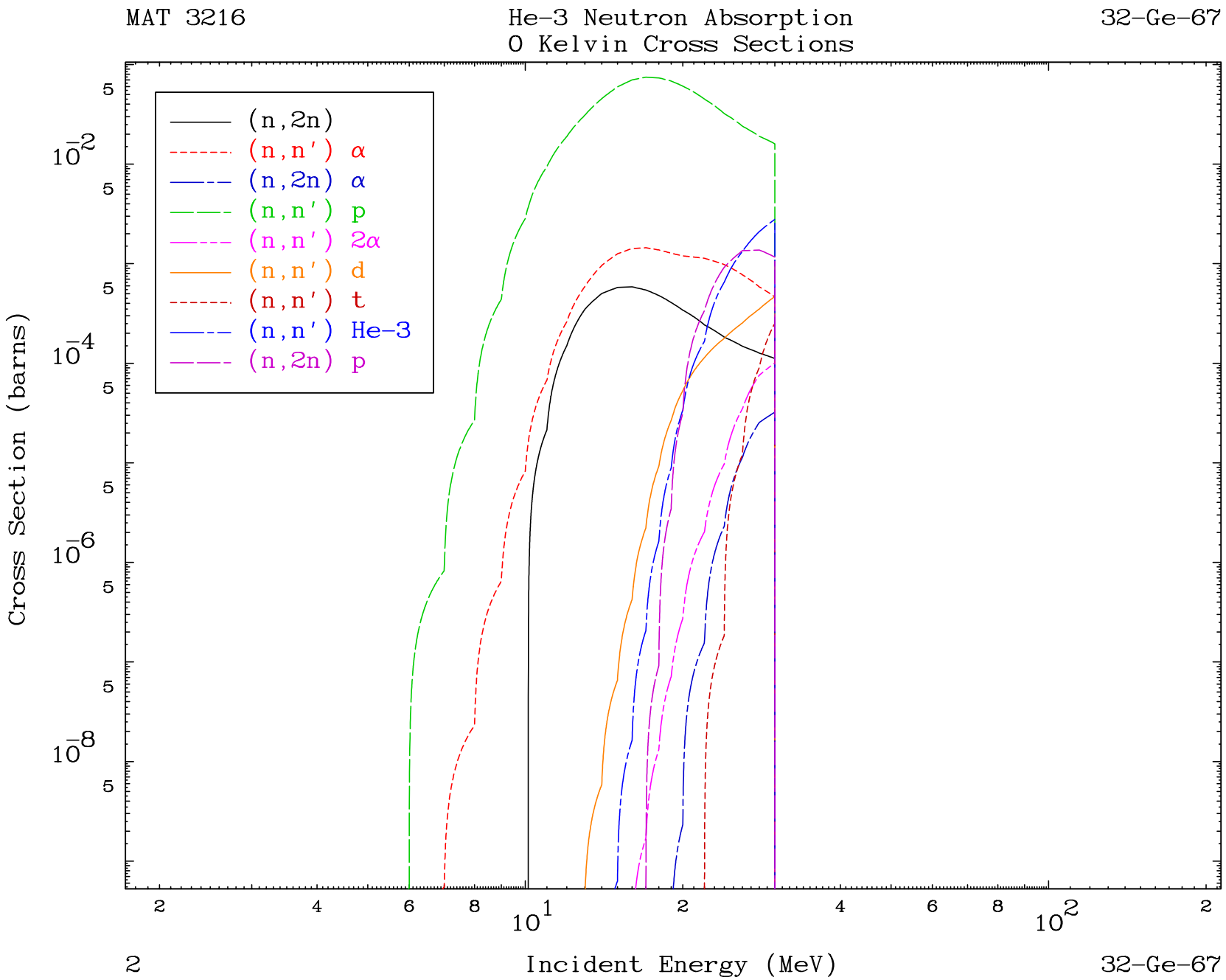
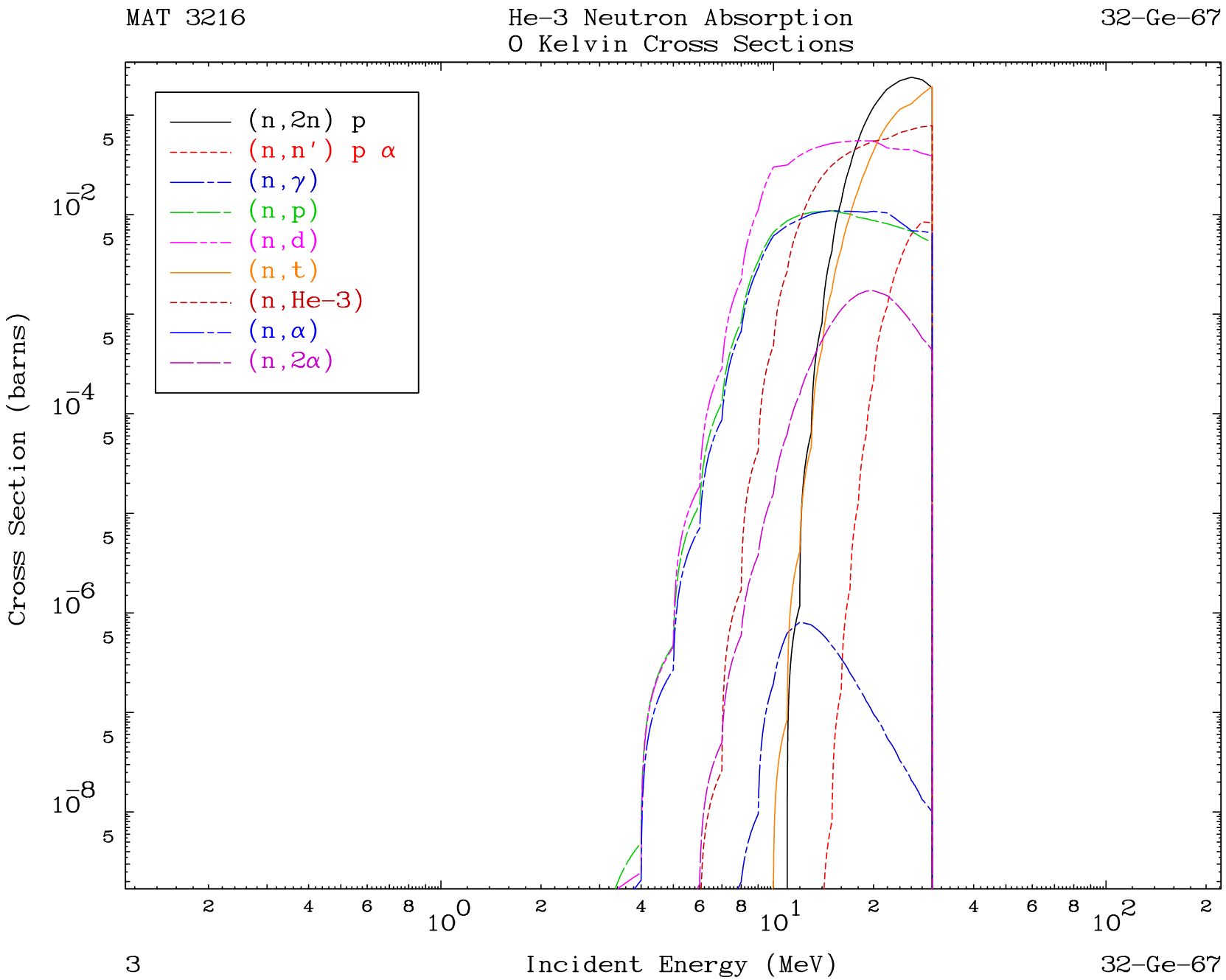
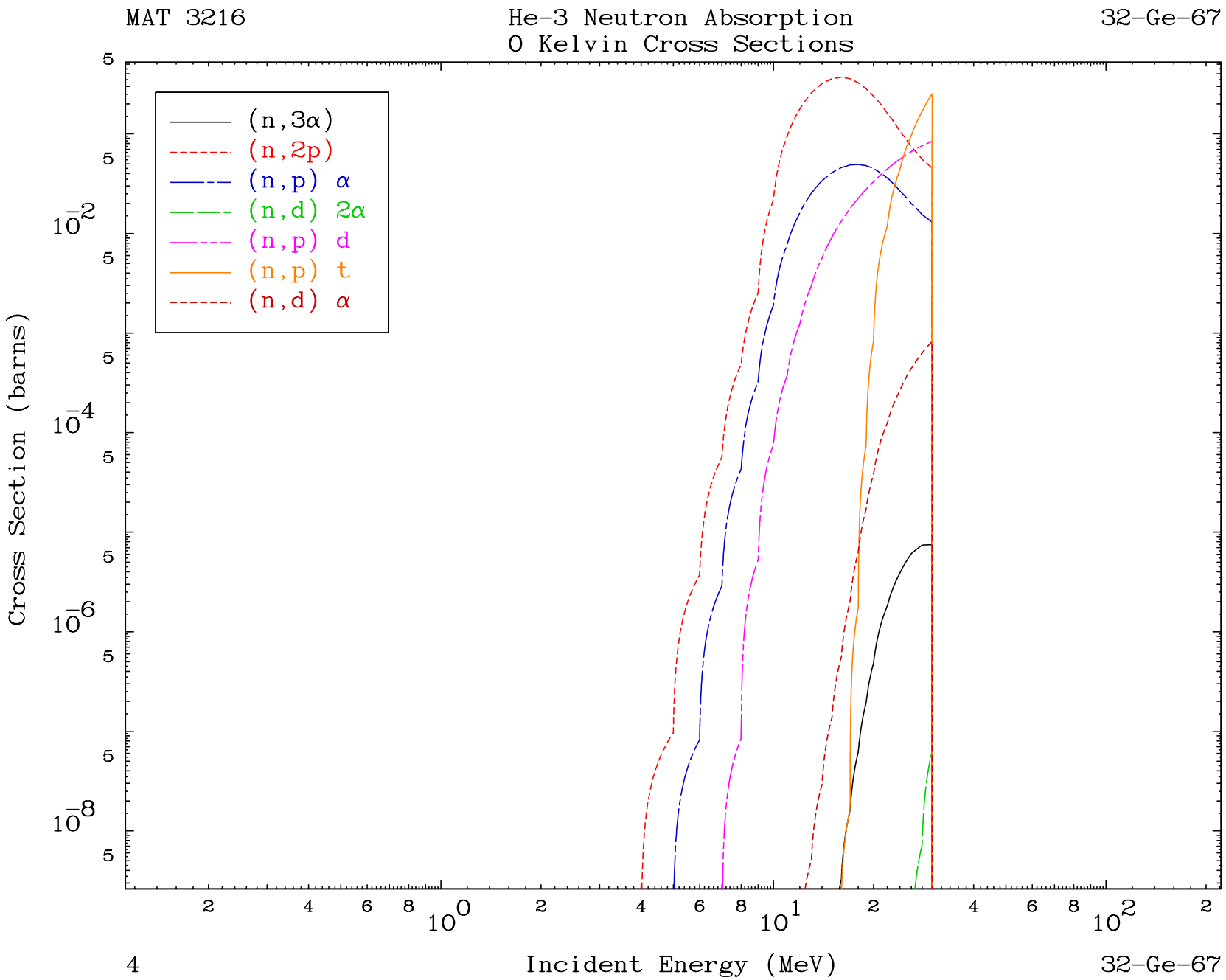
Program EVALPLOT
(Version 2021-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

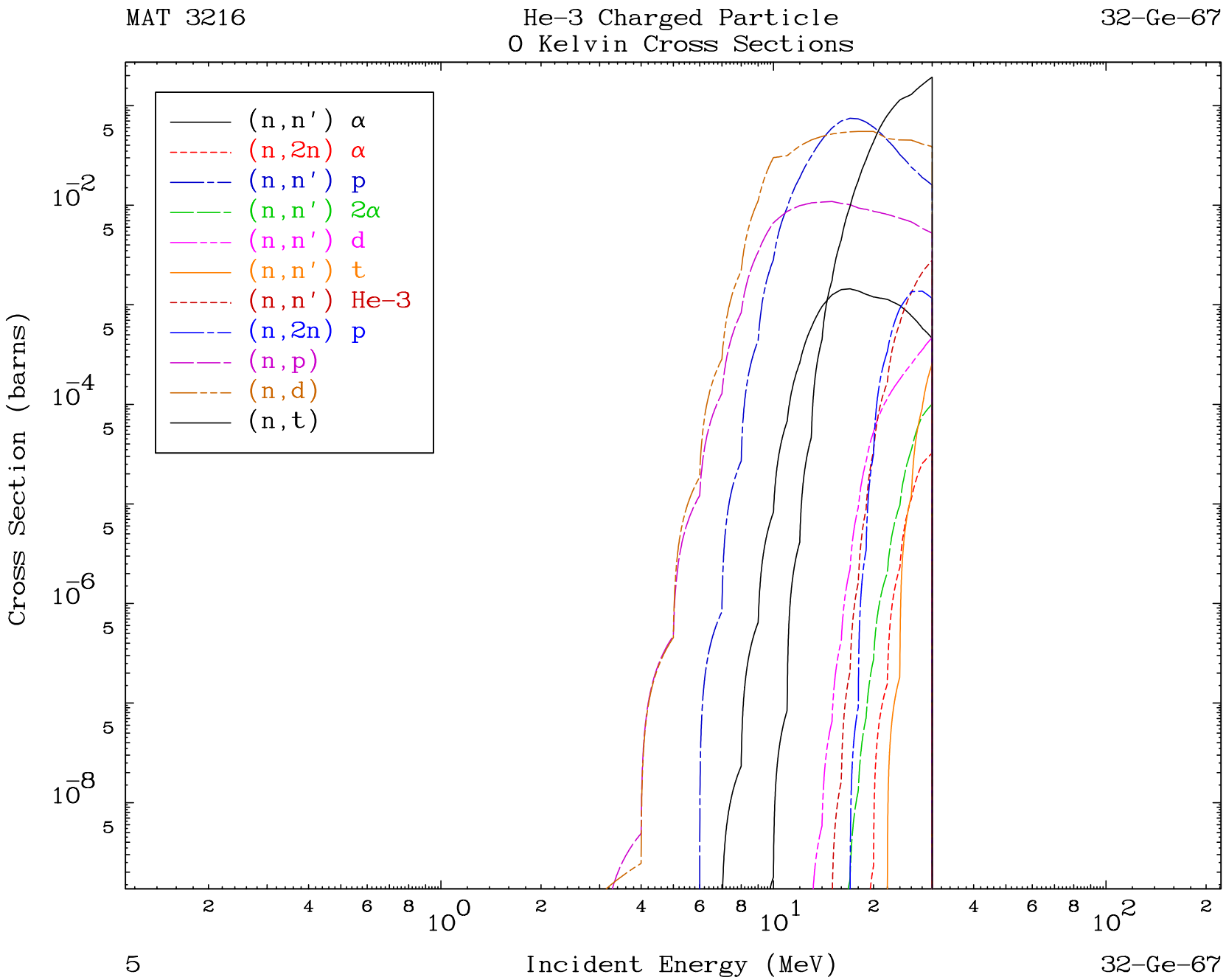
Press Mouse Button to Start

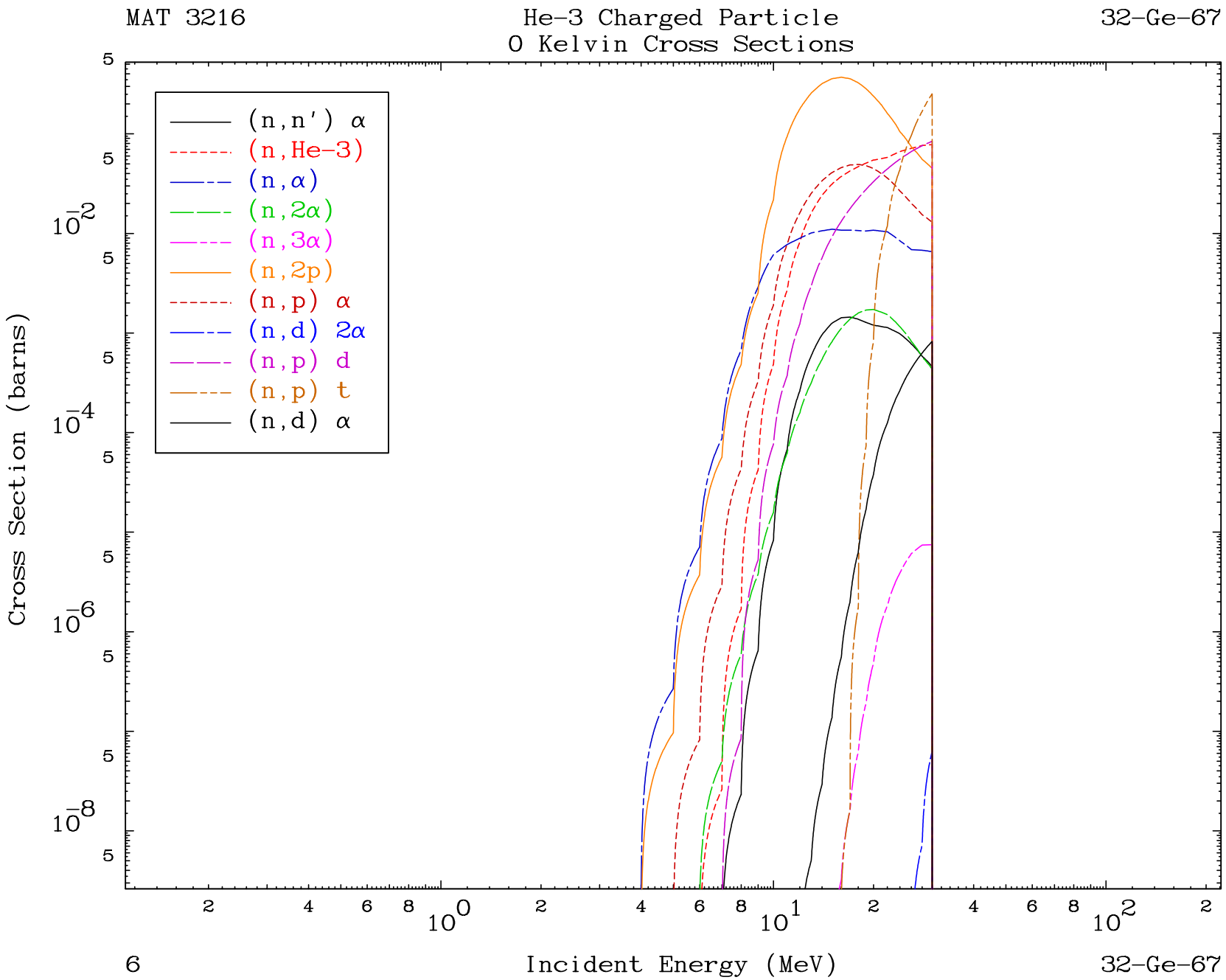

MAT 3216
He-3 Major
32-Ge-67
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-67
1

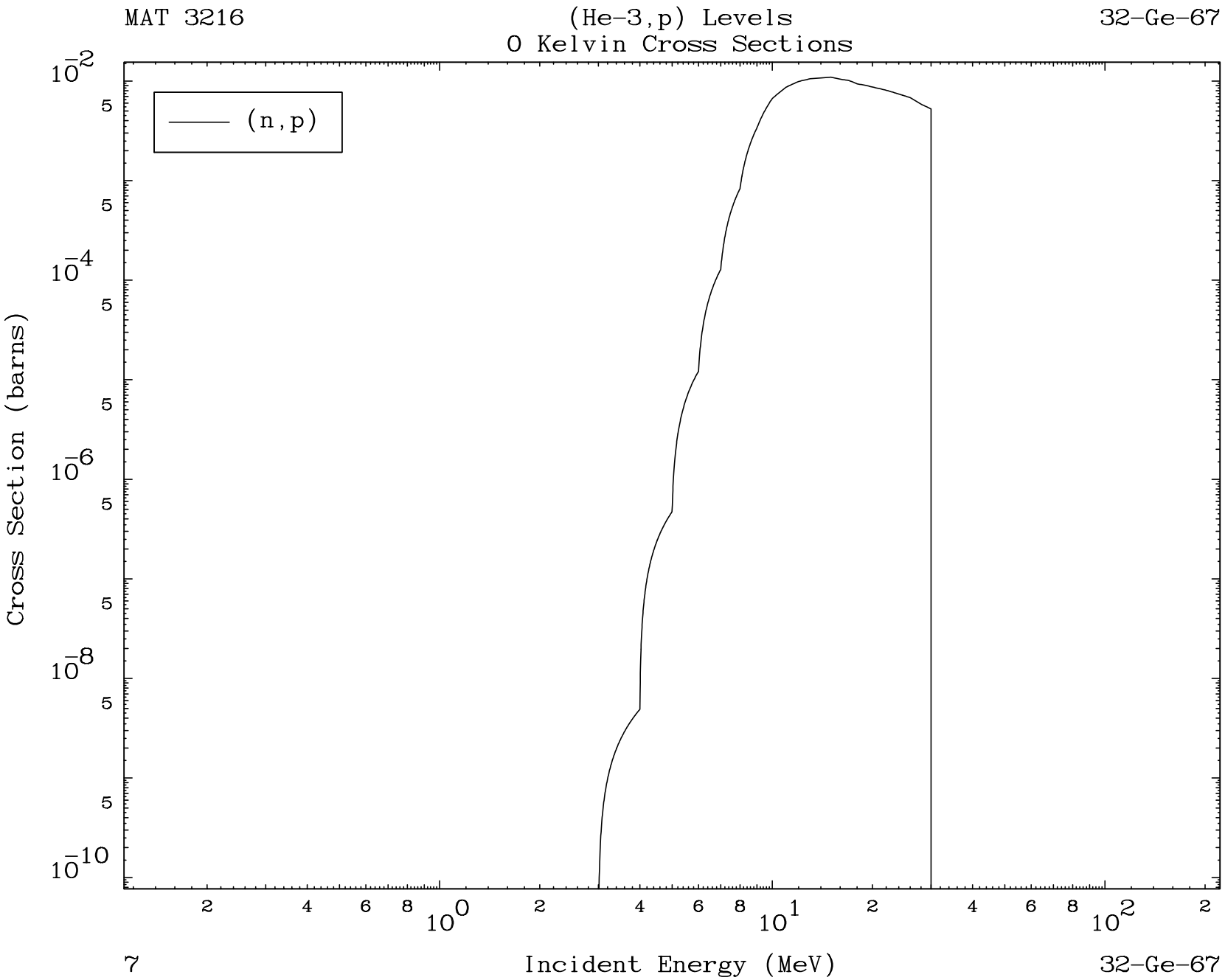

MAT 3216
He-3 Neutron Absorption
0 Kelvin Cross Sections
32-Ge-67
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
32-Ge-67

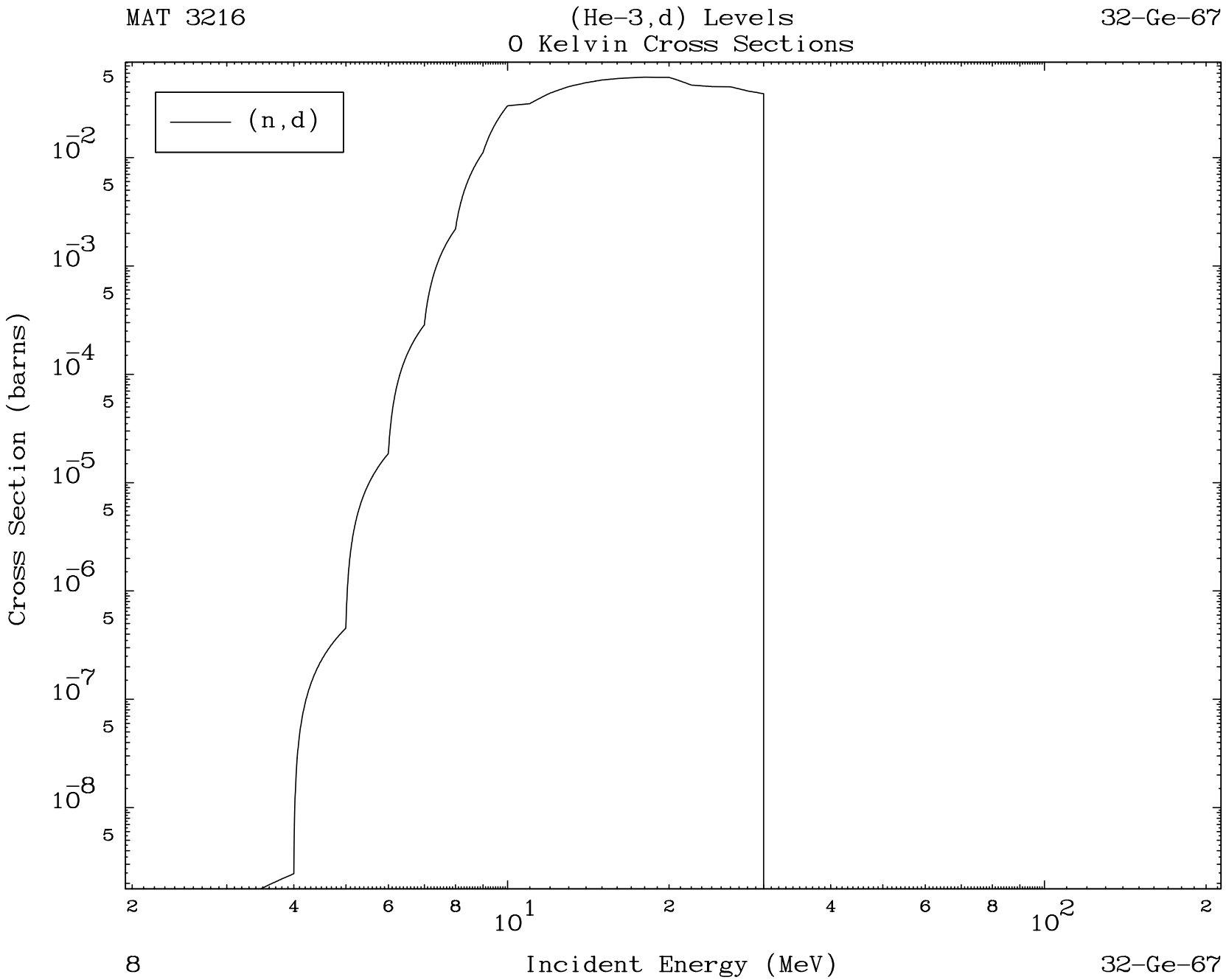

MAT 3216
He-3 Neutron Absorption
0 Kelvin Cross Sections
32-Ge-67
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)
3
32-Ge-67

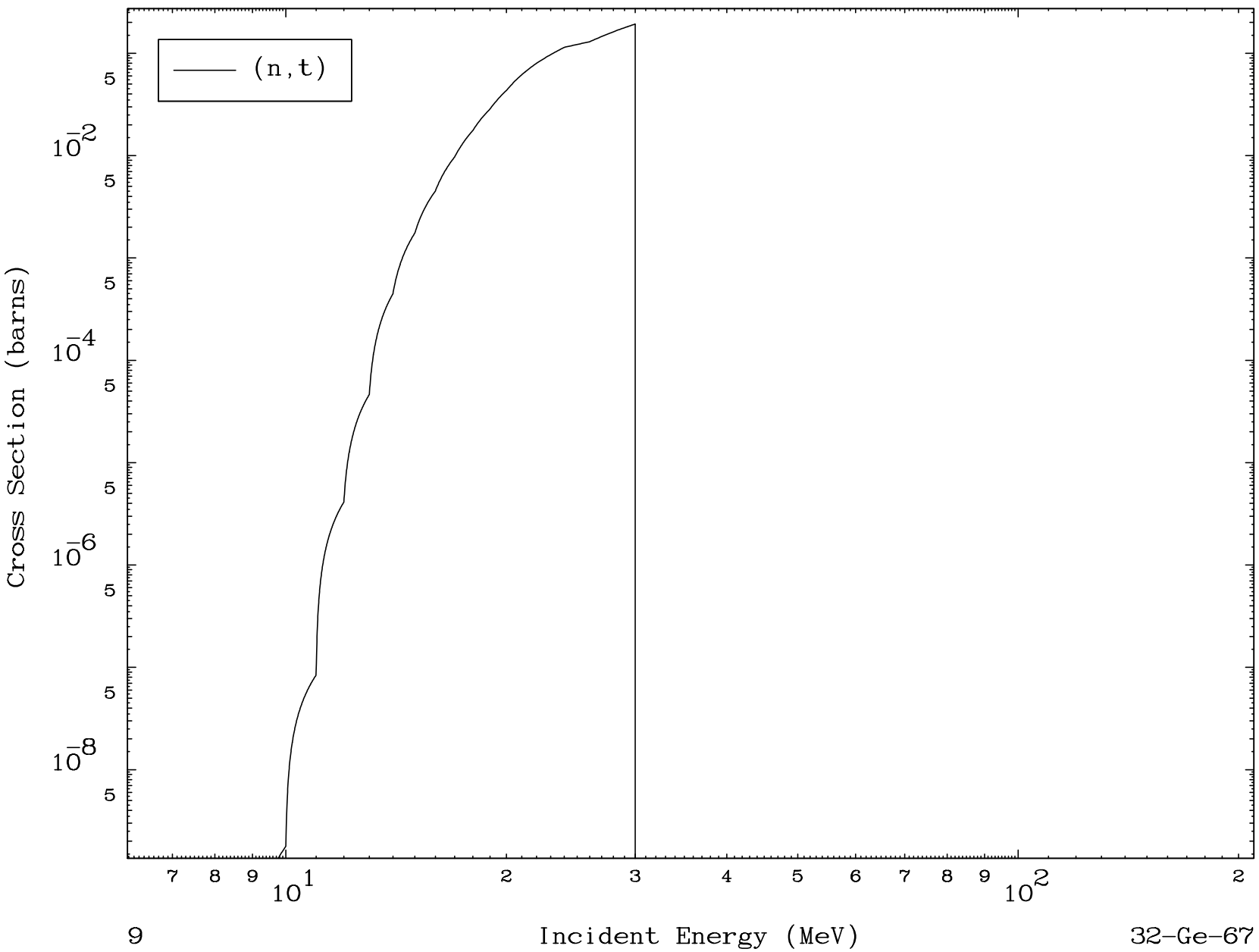

MAT 3216
He-3 Neutron Absorption
0 Kelvin Cross Sections
32-Ge-67
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
32-Ge-67

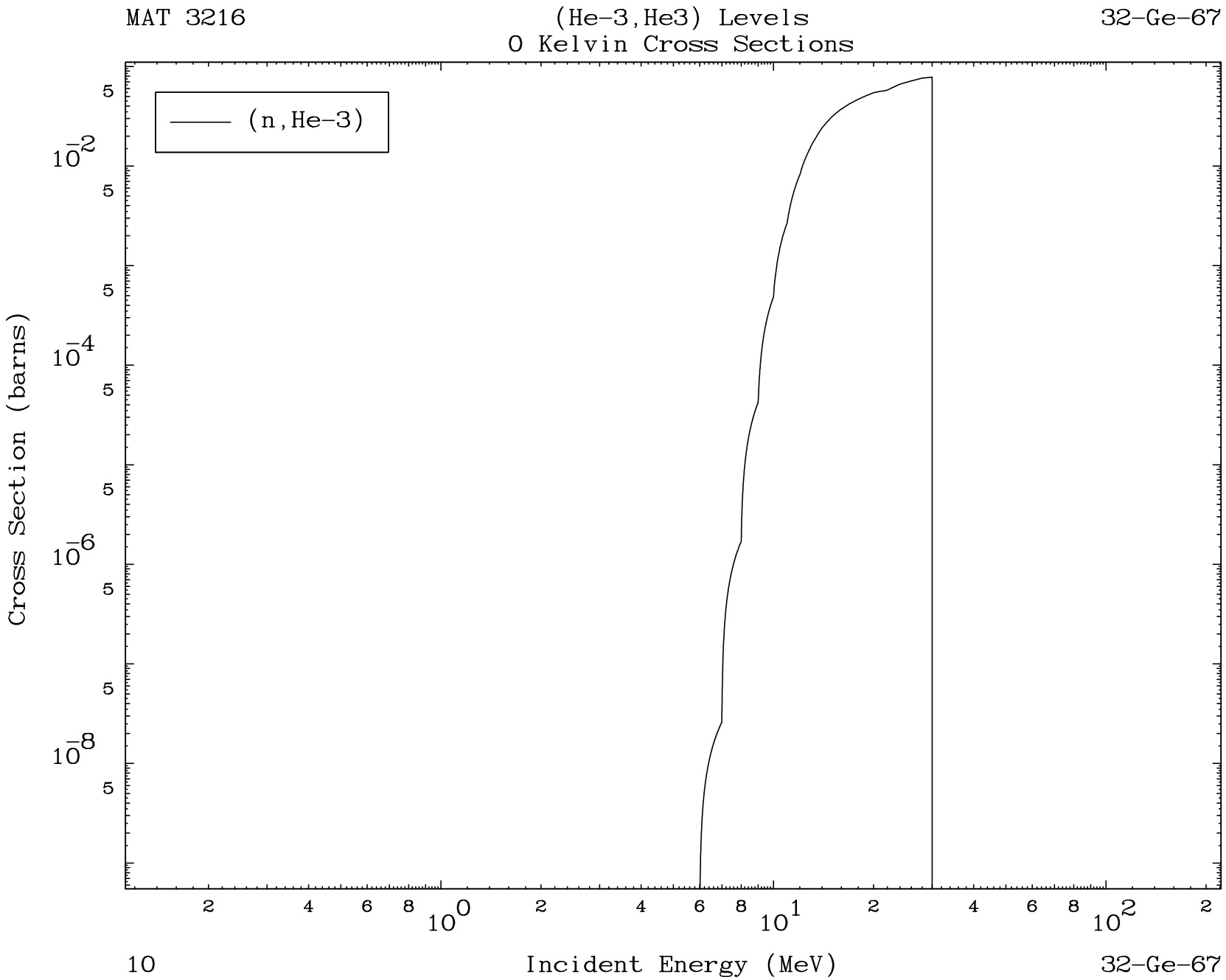

MAT 3216
He-3 Charged Particle
0 Kelvin Cross Sections
32-Ge-67
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') t
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
5
32-Ge-67

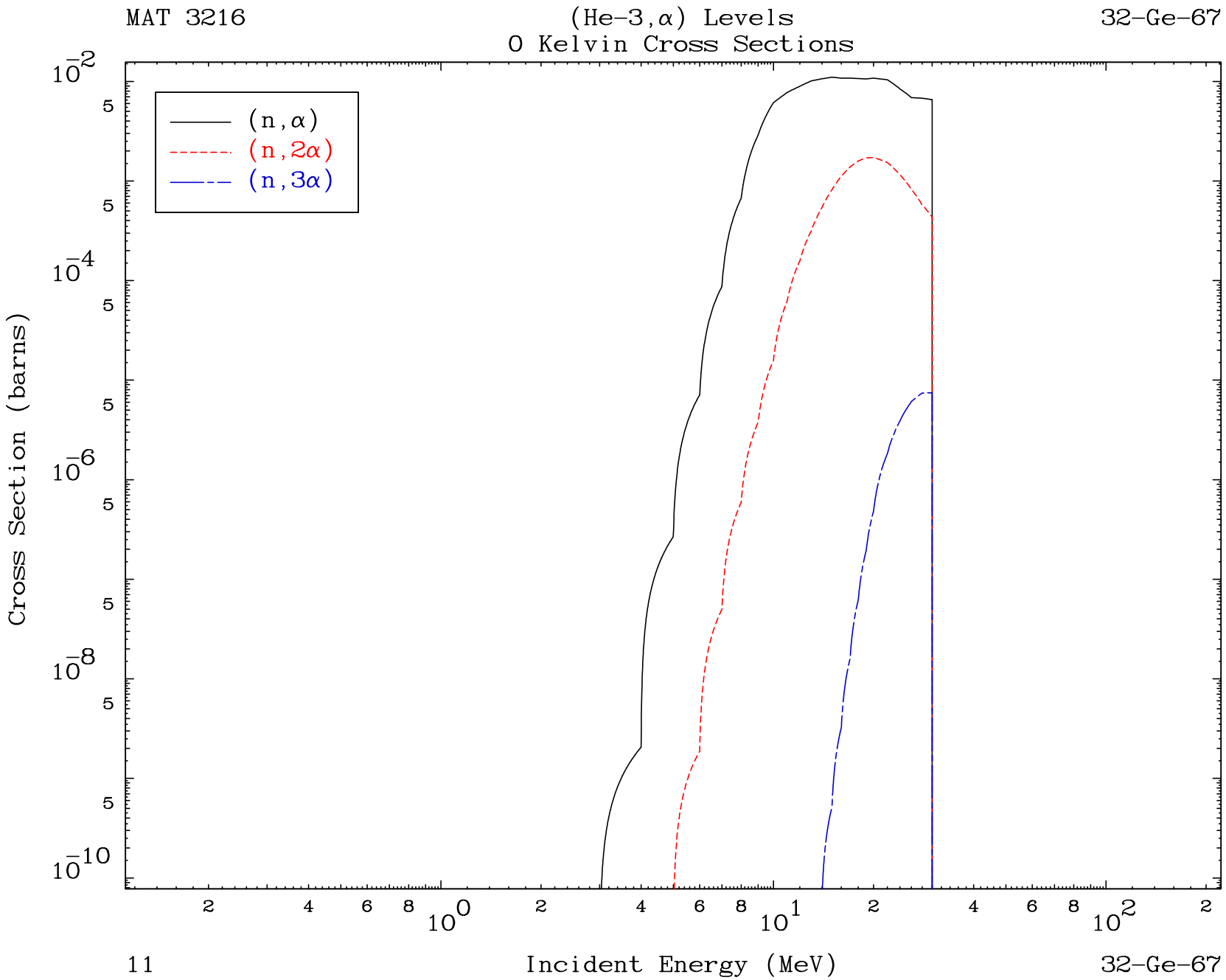

MAT 3216
He-3 Charged Particle
0 Kelvin Cross Sections
32-Ge-67
(n,n') α
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,d) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
6
32-Ge-67


MAT 3216
(He-3,p) Levels
32-Ge-67
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
7
32-Ge-67


MAT 3216
(He-3,d) Levels
32-Ge-67
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
8
32-Ge-67


0 Kelvin Cross Sections
(n,t)
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)


MAT 3216
(He-3,He3) Levels
32-Ge-67
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
32-Ge-67


MAT 3216
(He-3,α) Levels
0 Kelvin Cross Sections
32-Ge-67
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
11
32-Ge-67