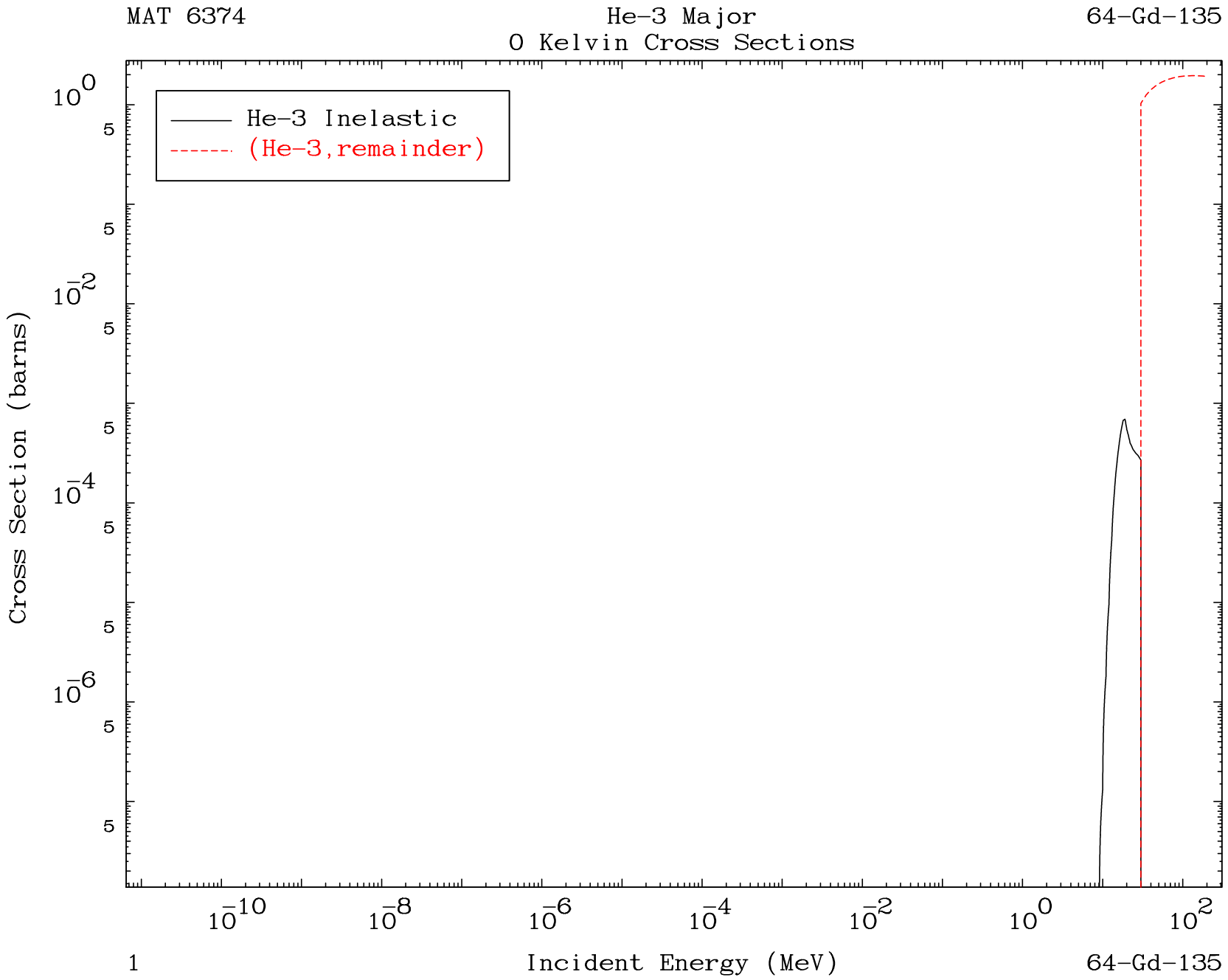
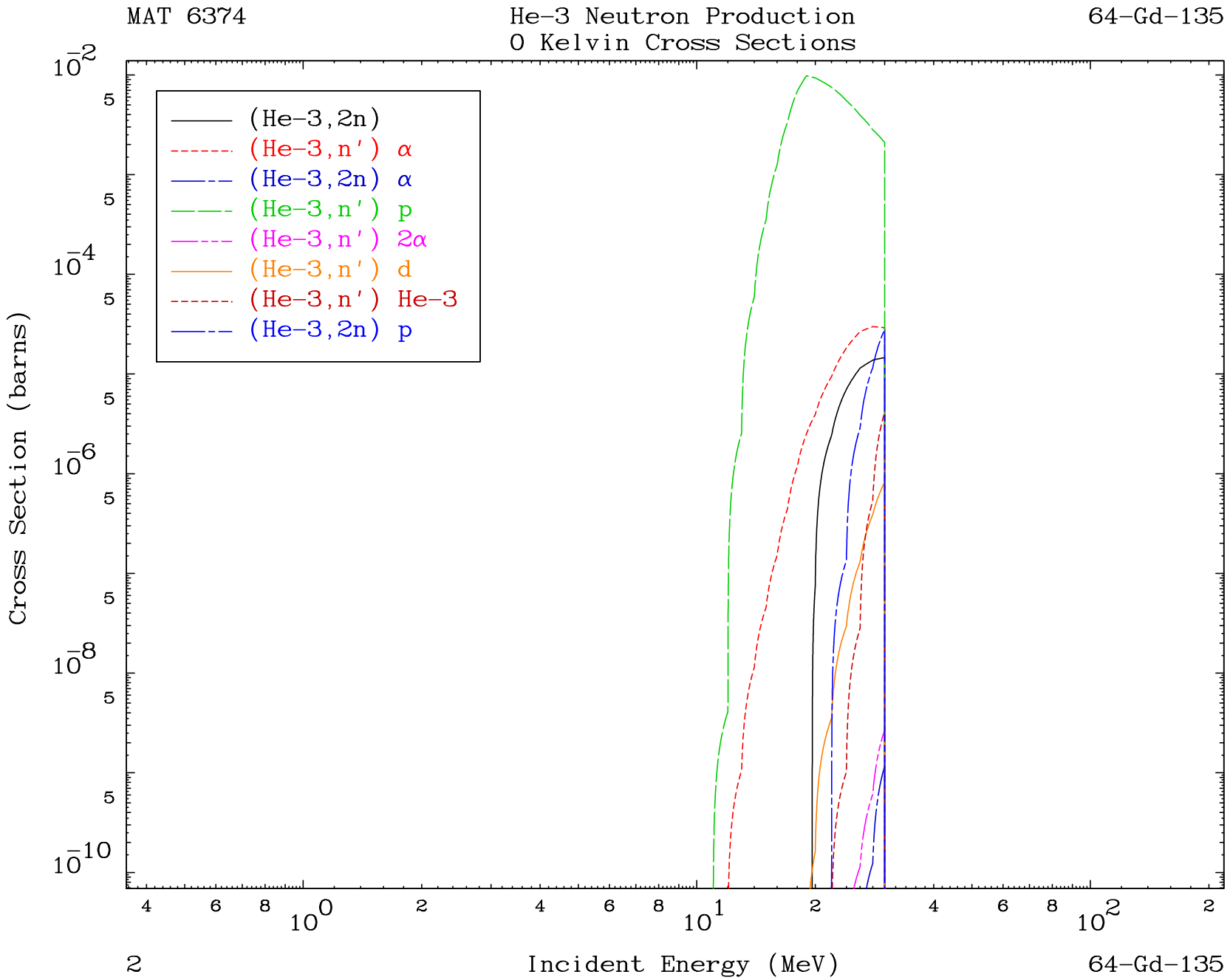
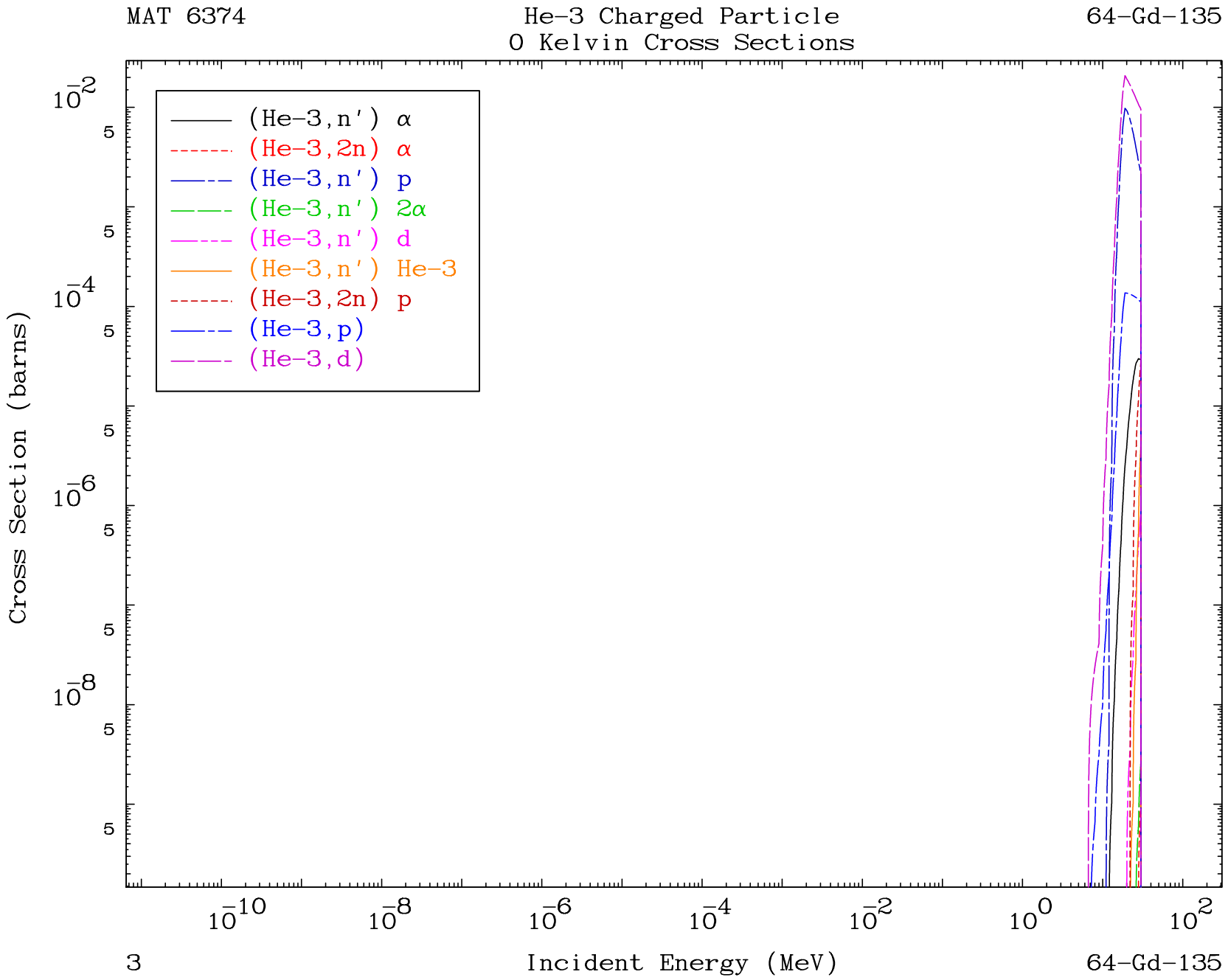
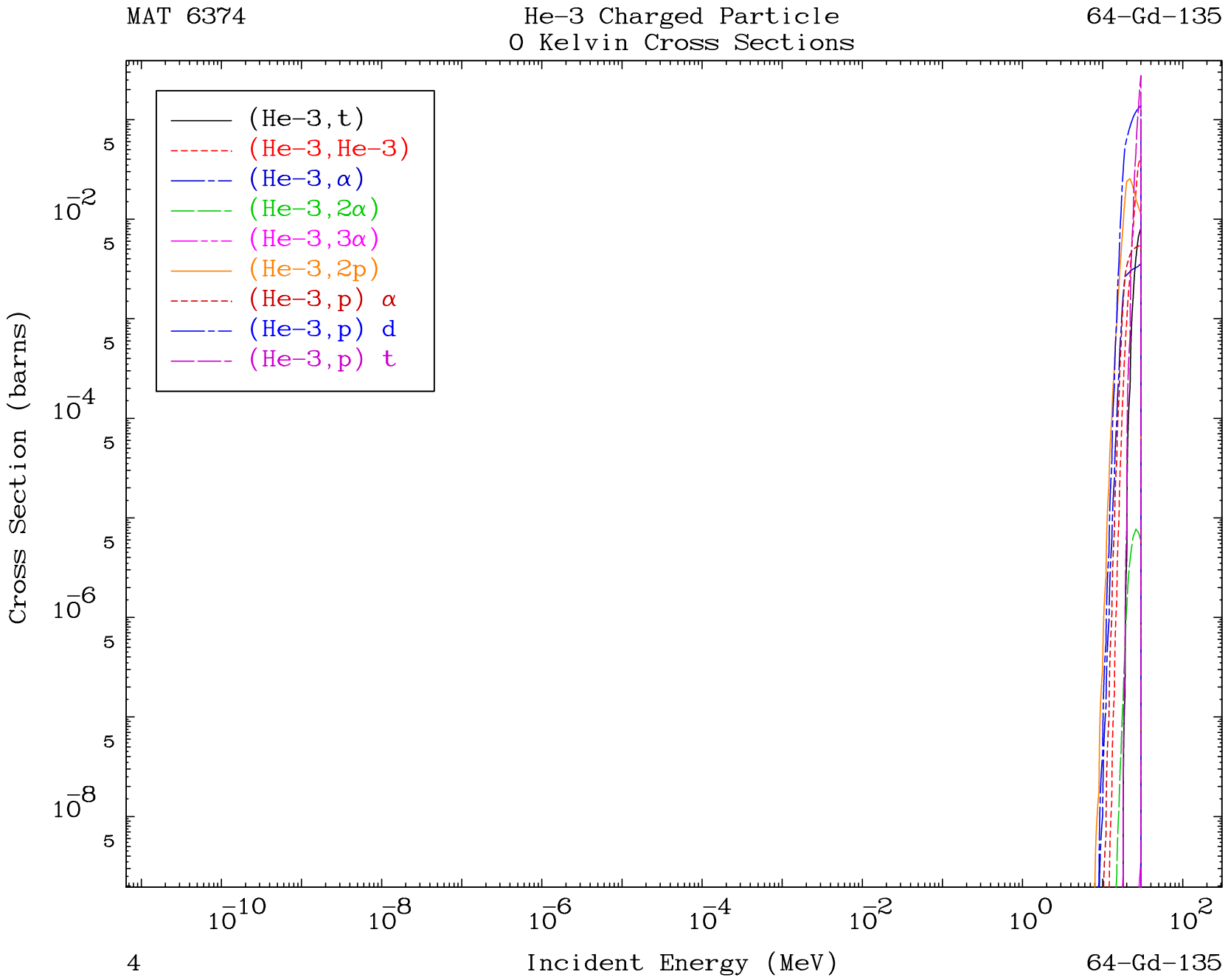
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

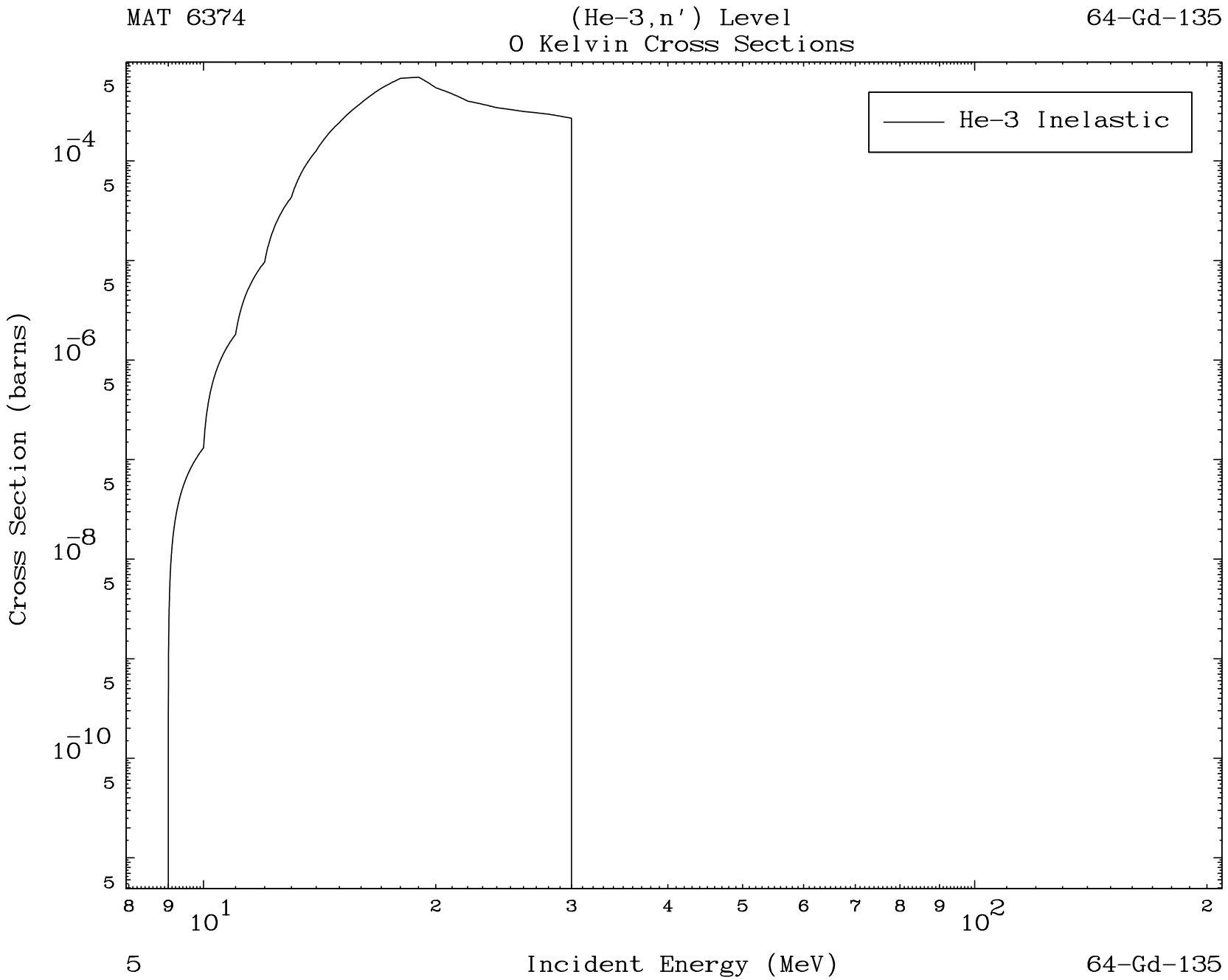
Press Mouse Button to Start

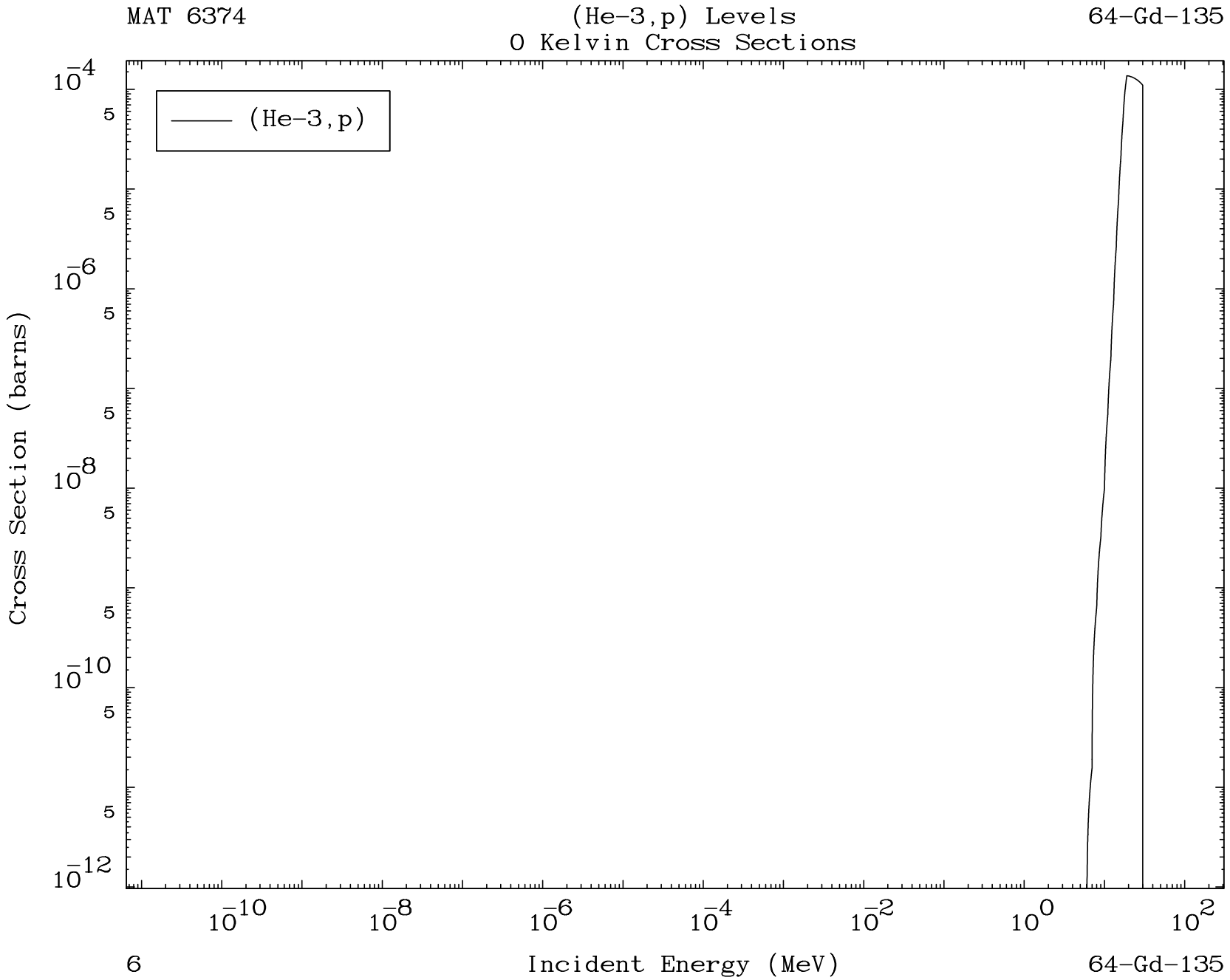

MAT 6374
He-3 Major
64-Gd-135
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
1
64-Gd-135

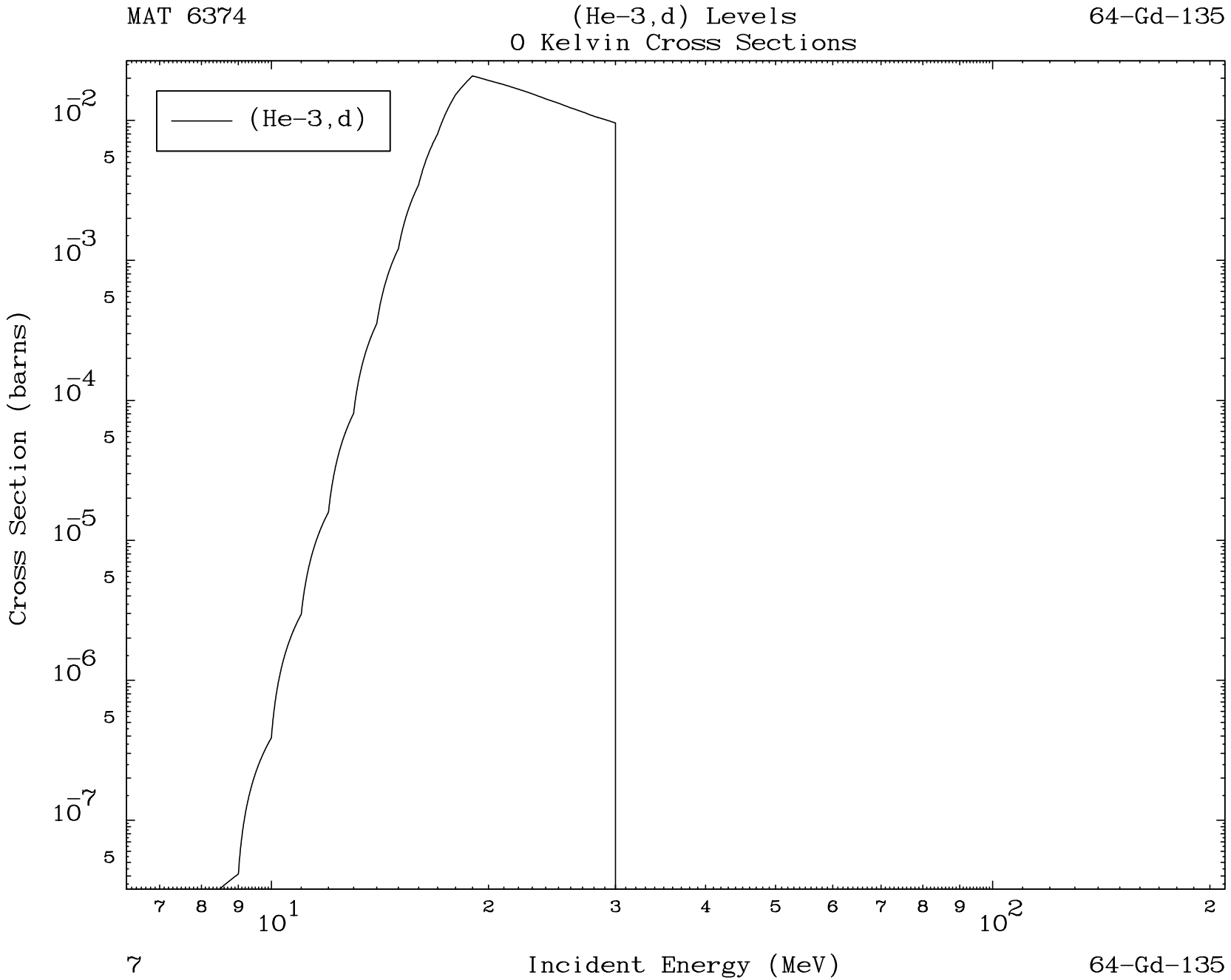

MAT 6374
He-3 Neutron Production
0 Kelvin Cross Sections
64-Gd-135
(He-3,2n)
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') He-3
(He-3,2n) p
Cross Section (barns)
Incident Energy (MeV)
64-Gd-135
2

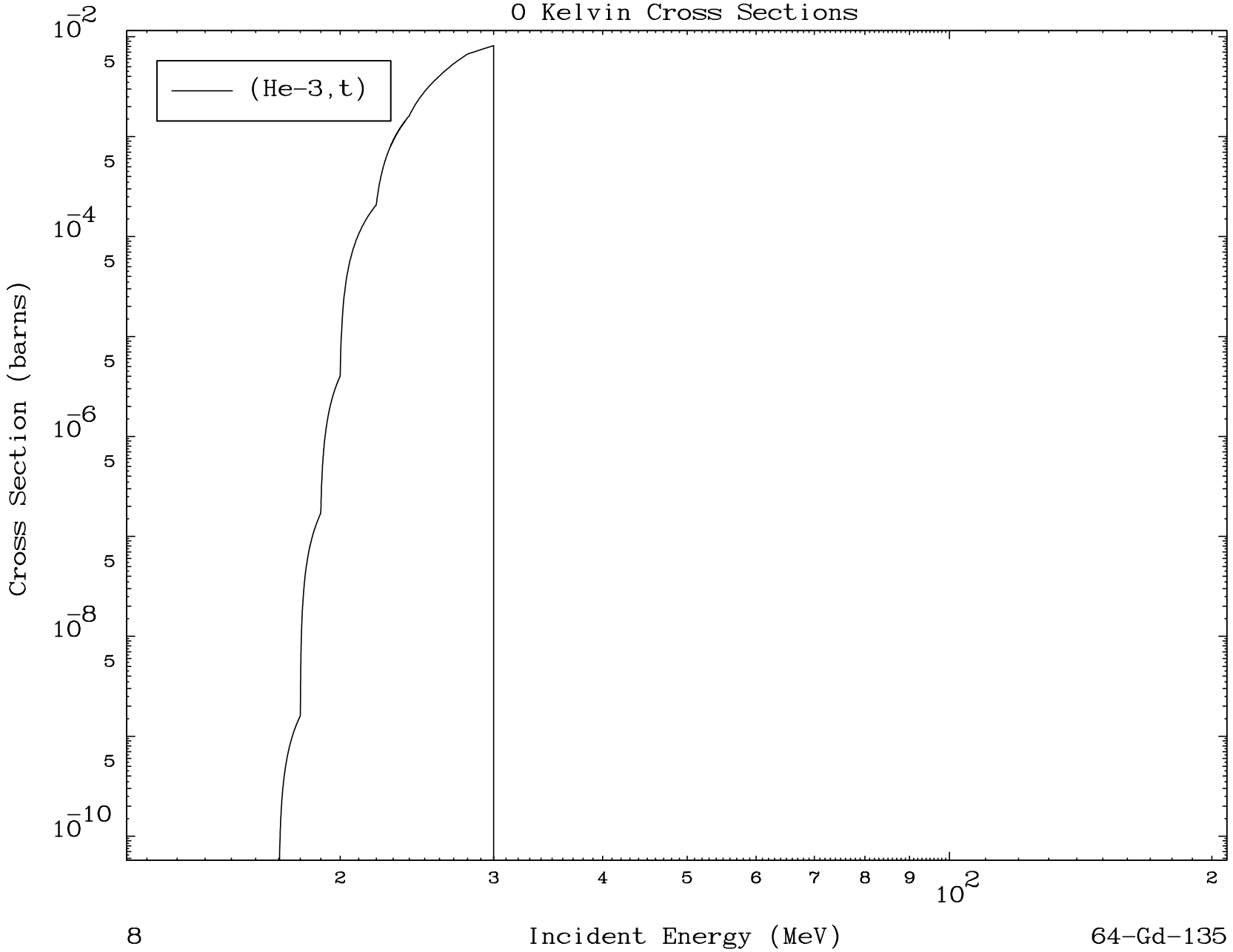

MAT 6374
He-3 Charged Particle
0 Kelvin Cross Sections
64-Gd-135
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') He-3
(He-3,2n) p
(He-3,p)
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
3
64-Gd-135

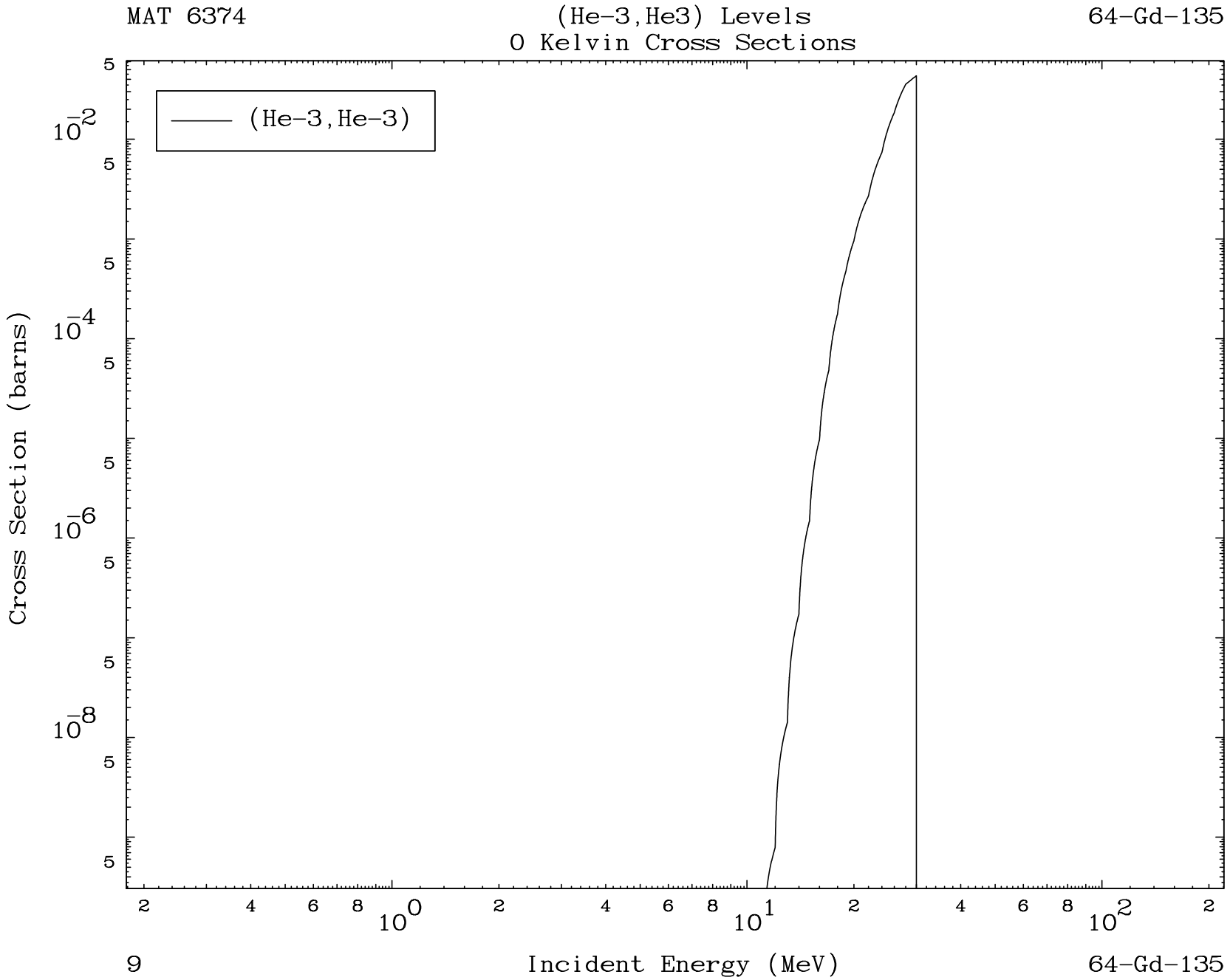

MAT 6374
He-3 Charged Particle
0 Kelvin Cross Sections
64-Gd-135
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,3α)
(He-3,2p)
(He-3,p) α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
4
64-Gd-135

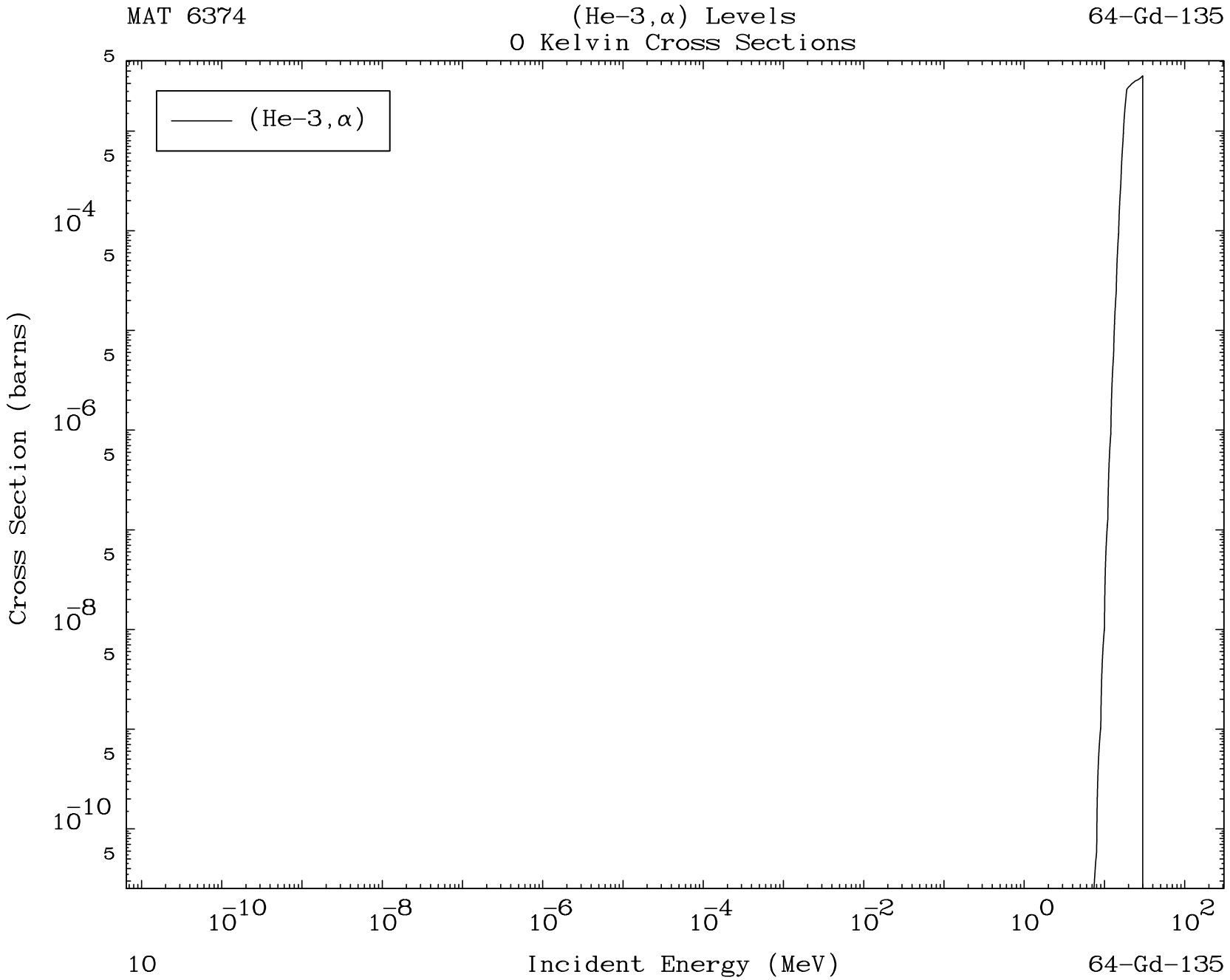

MAT 6374
(He-3,n') Level
64-Gd-135
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
64-Gd-135


MAT 6374
(He-3,p) Levels
64-Gd-135
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
6
64-Gd-135


MAT 6374
(He-3,d) Levels
64-Gd-135
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
64-Gd-135
7


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


MAT 6374
(He-3,He3) Levels
64-Gd-135
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
64-Gd-135


MAT 6374
(He-3,α) Levels
64-Gd-135
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
10
64-Gd-135