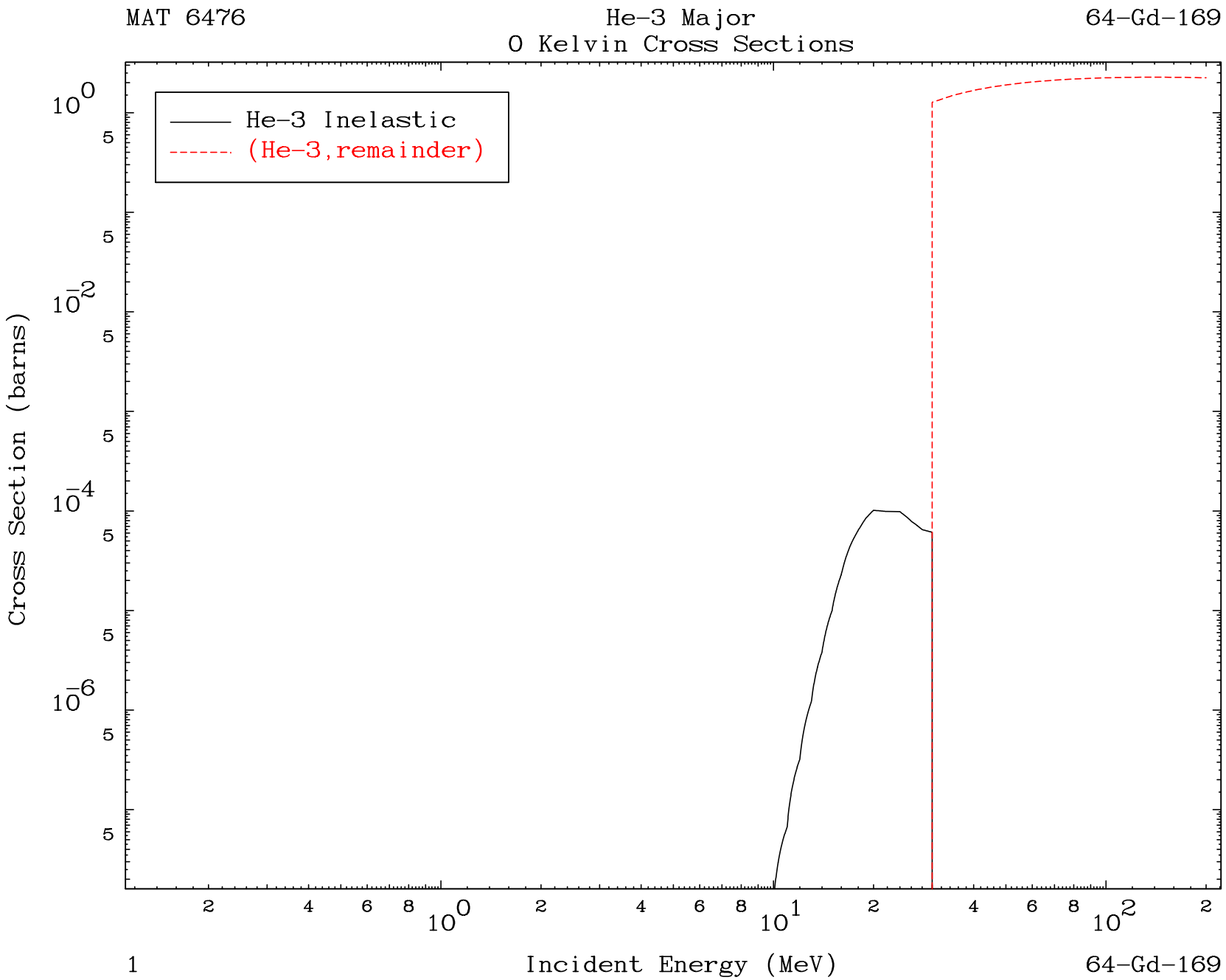
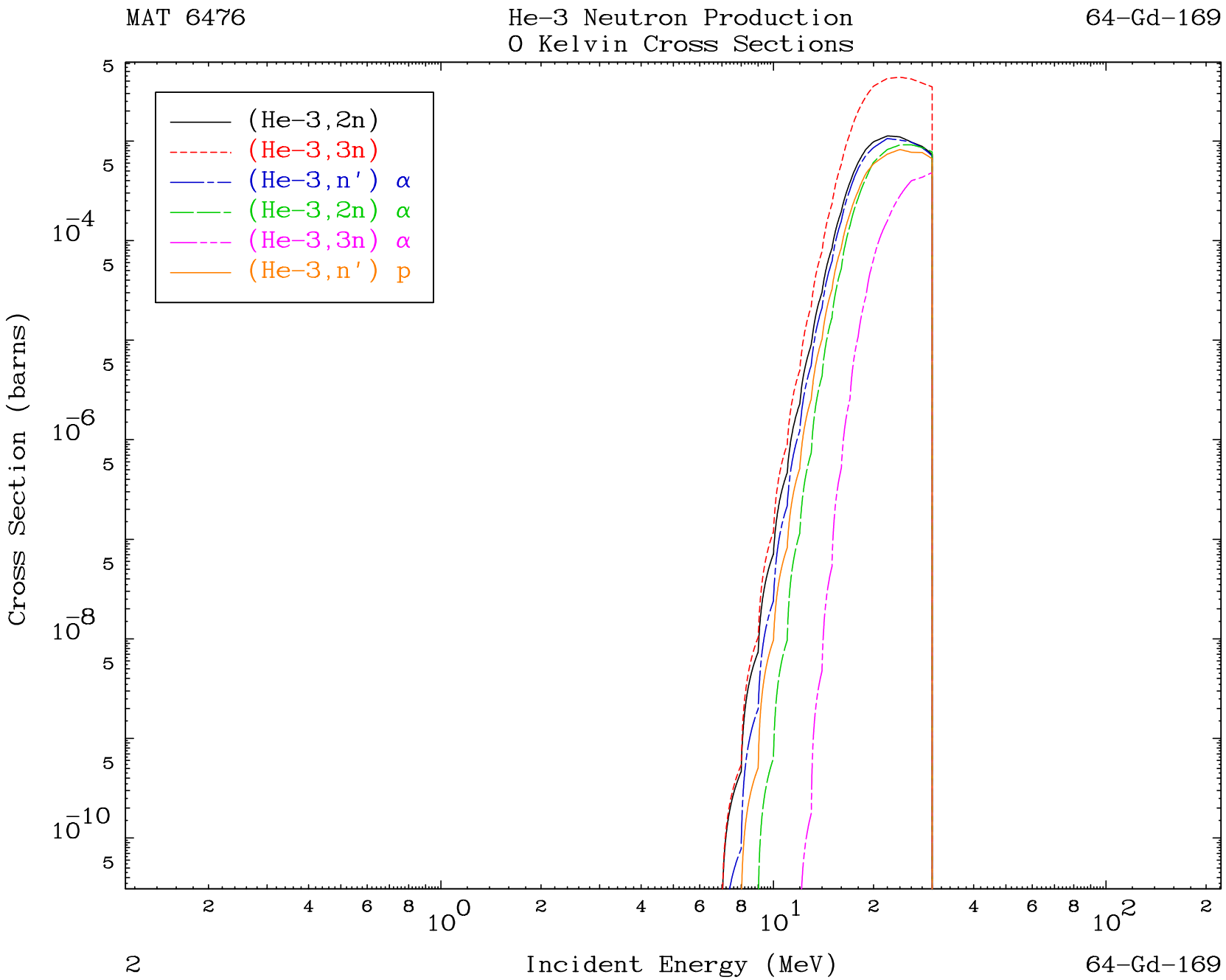
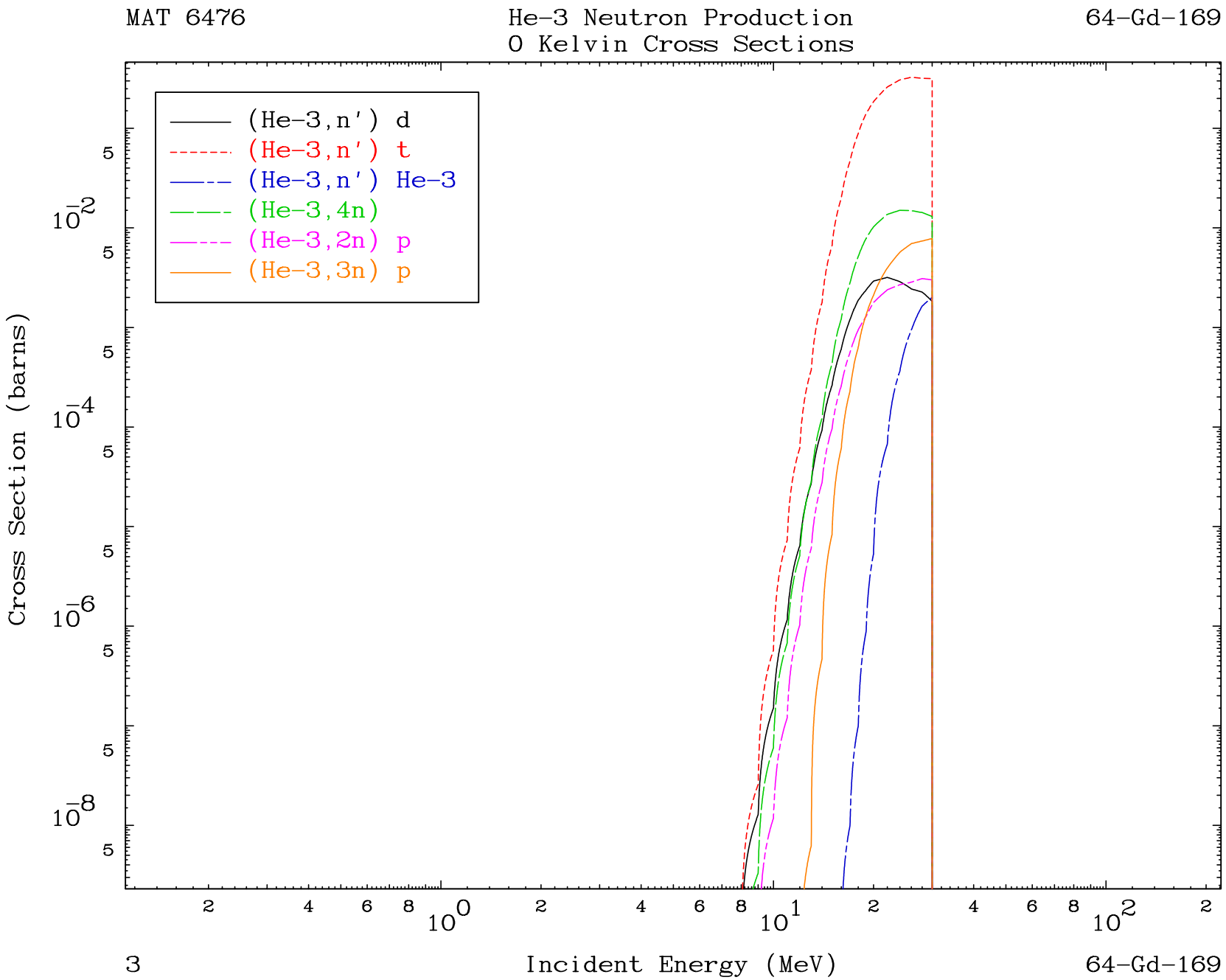
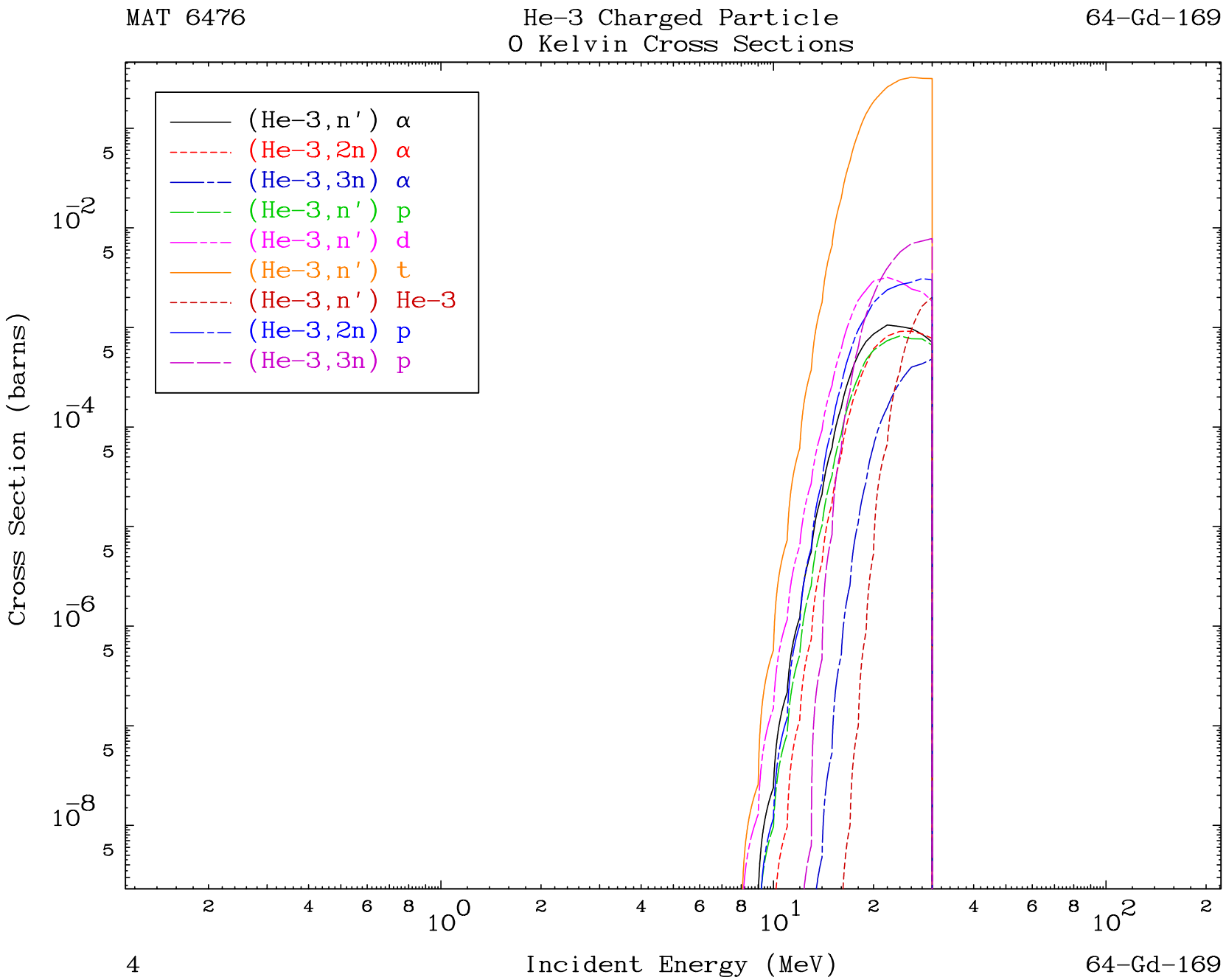
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

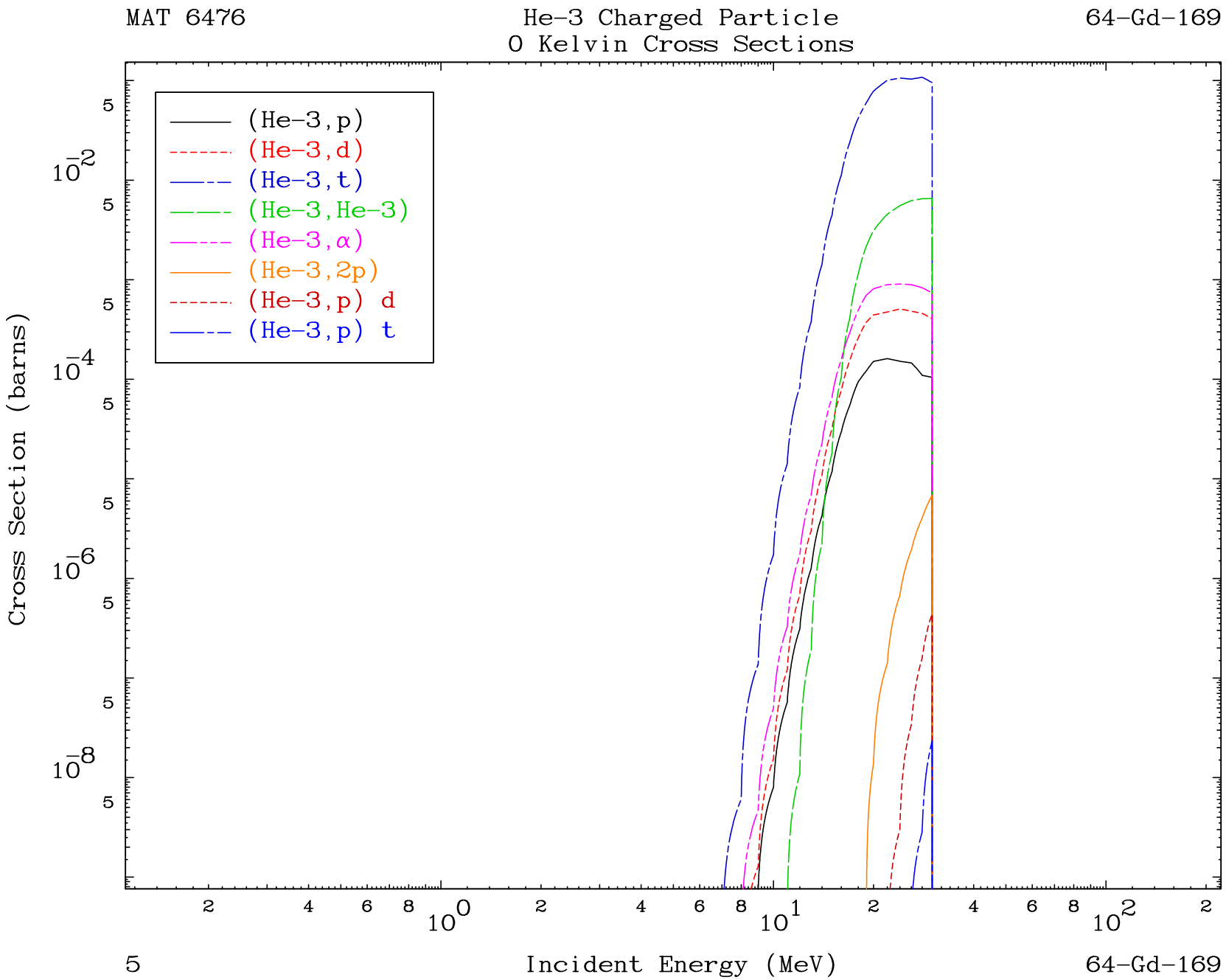
Press Mouse Button to Start

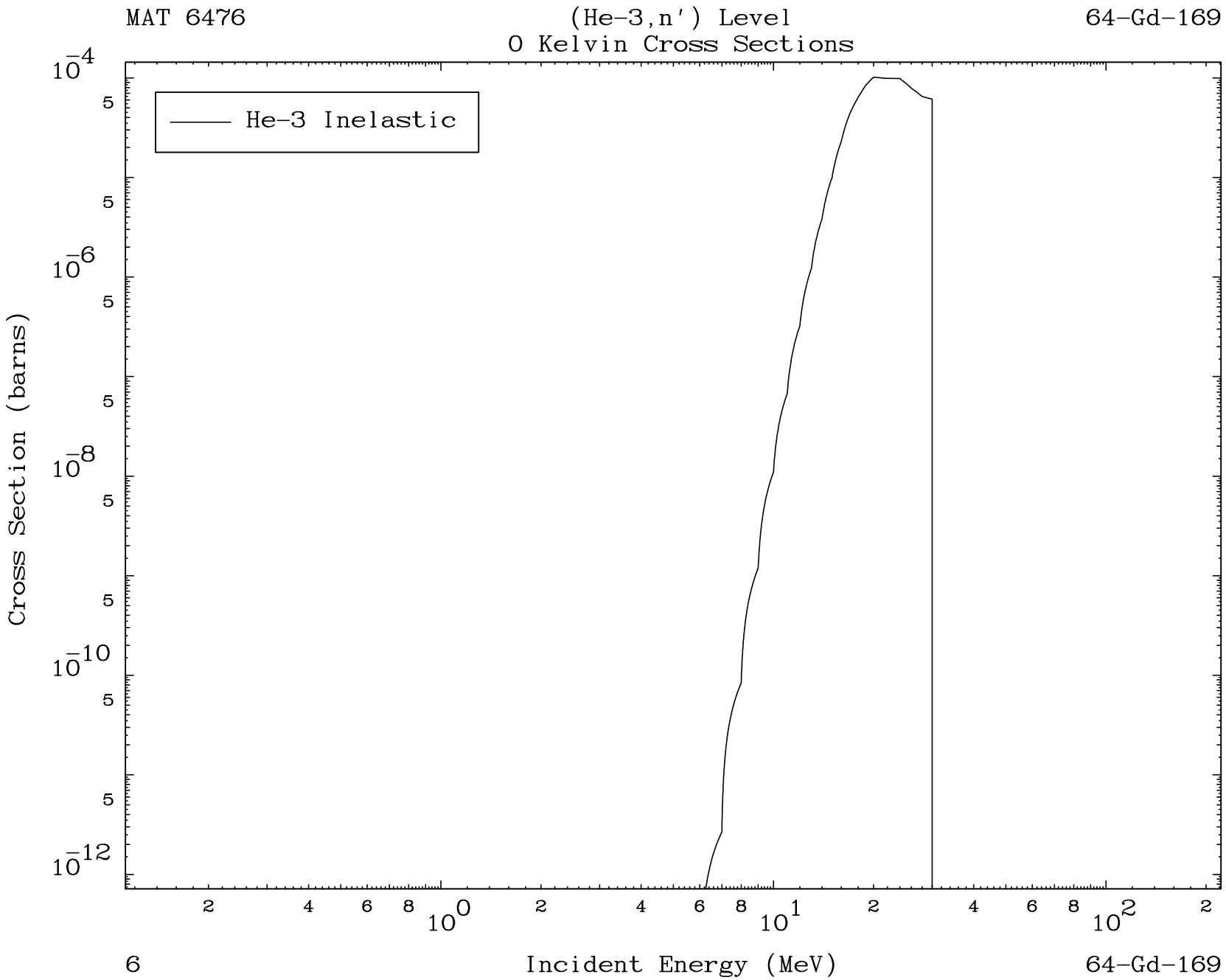

MAT 6476
He-3 Major
64-Gd-169
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
64-Gd-169
1

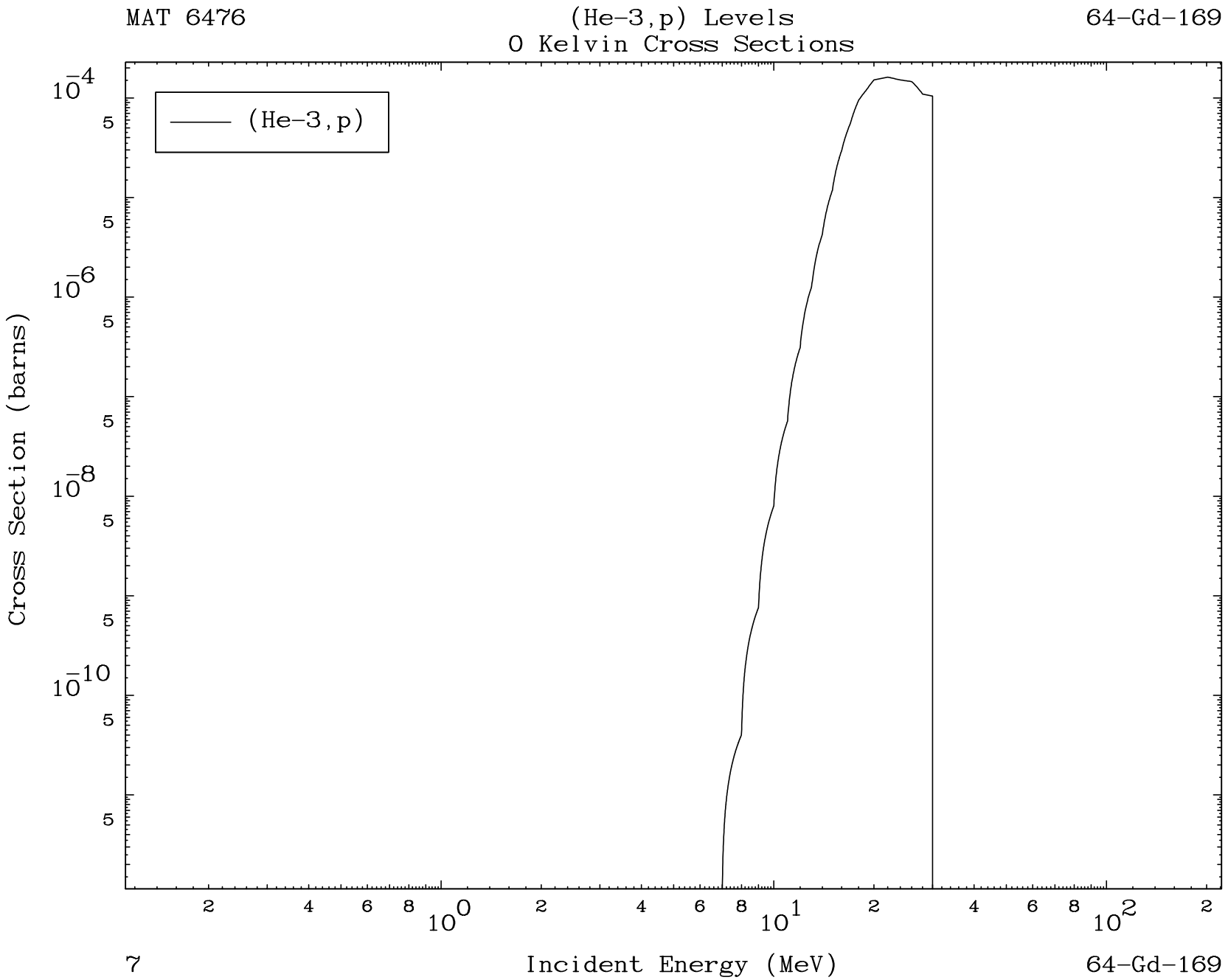

MAT 6476
He-3 Neutron Production
0 Kelvin Cross Sections
64-Gd-169
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
Cross Section (barns)
Incident Energy (MeV)
64-Gd-169
2

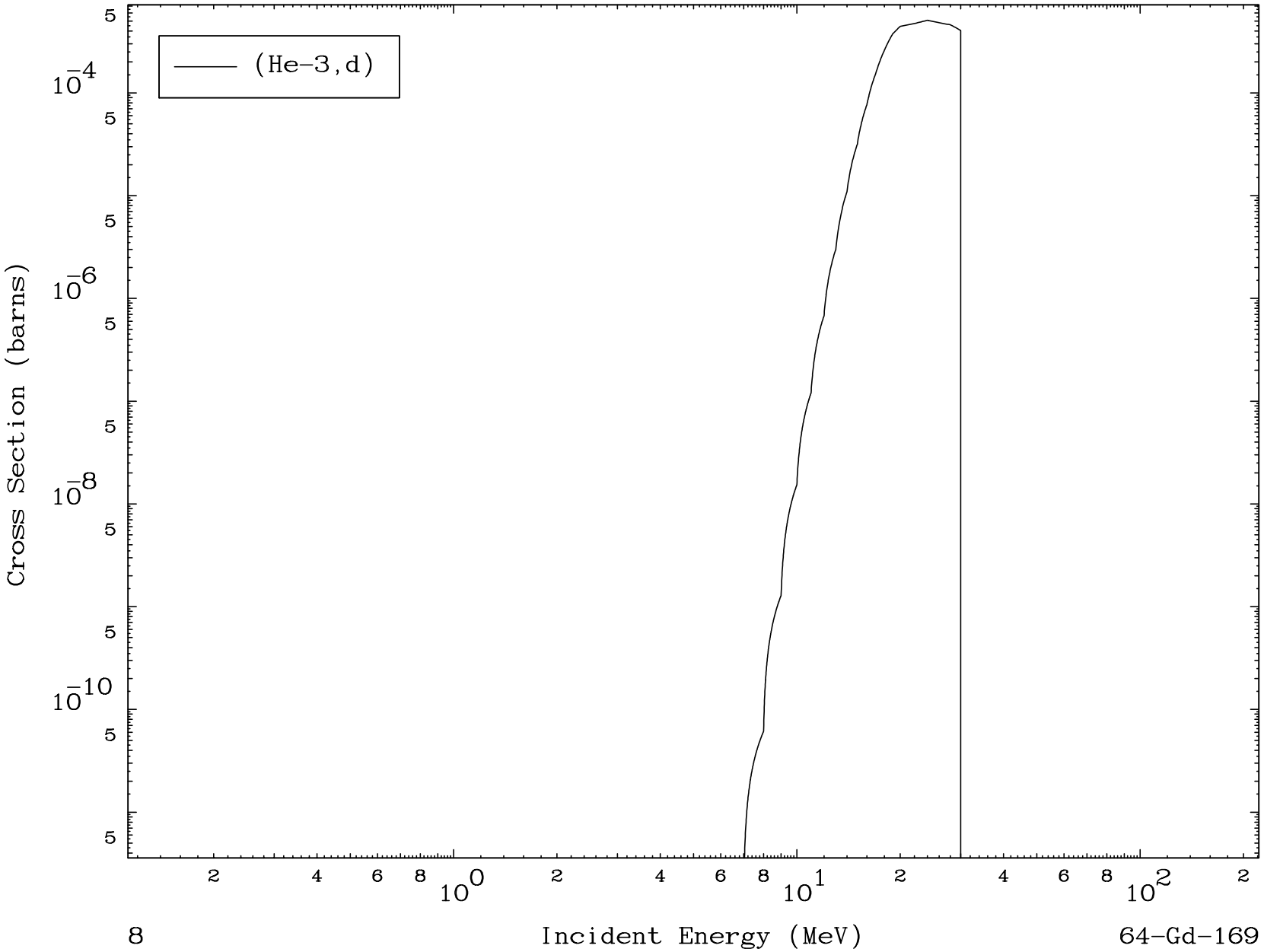

MAT 6476
He-3 Neutron Production
0 Kelvin Cross Sections
64-Gd-169
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
64-Gd-169

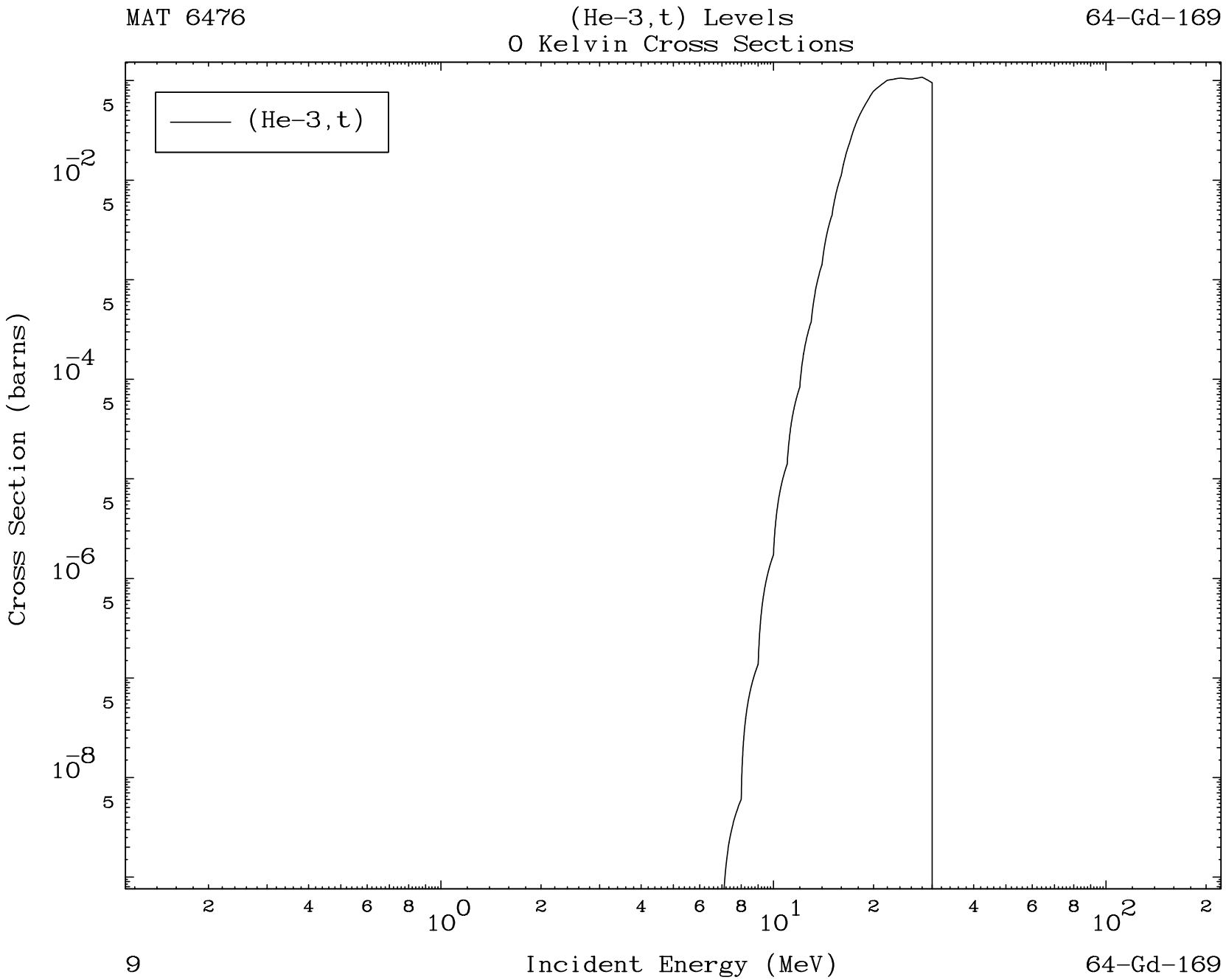

MAT 6476
He-3 Charged Particle
0 Kelvin Cross Sections
64-Gd-169
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
64-Gd-169

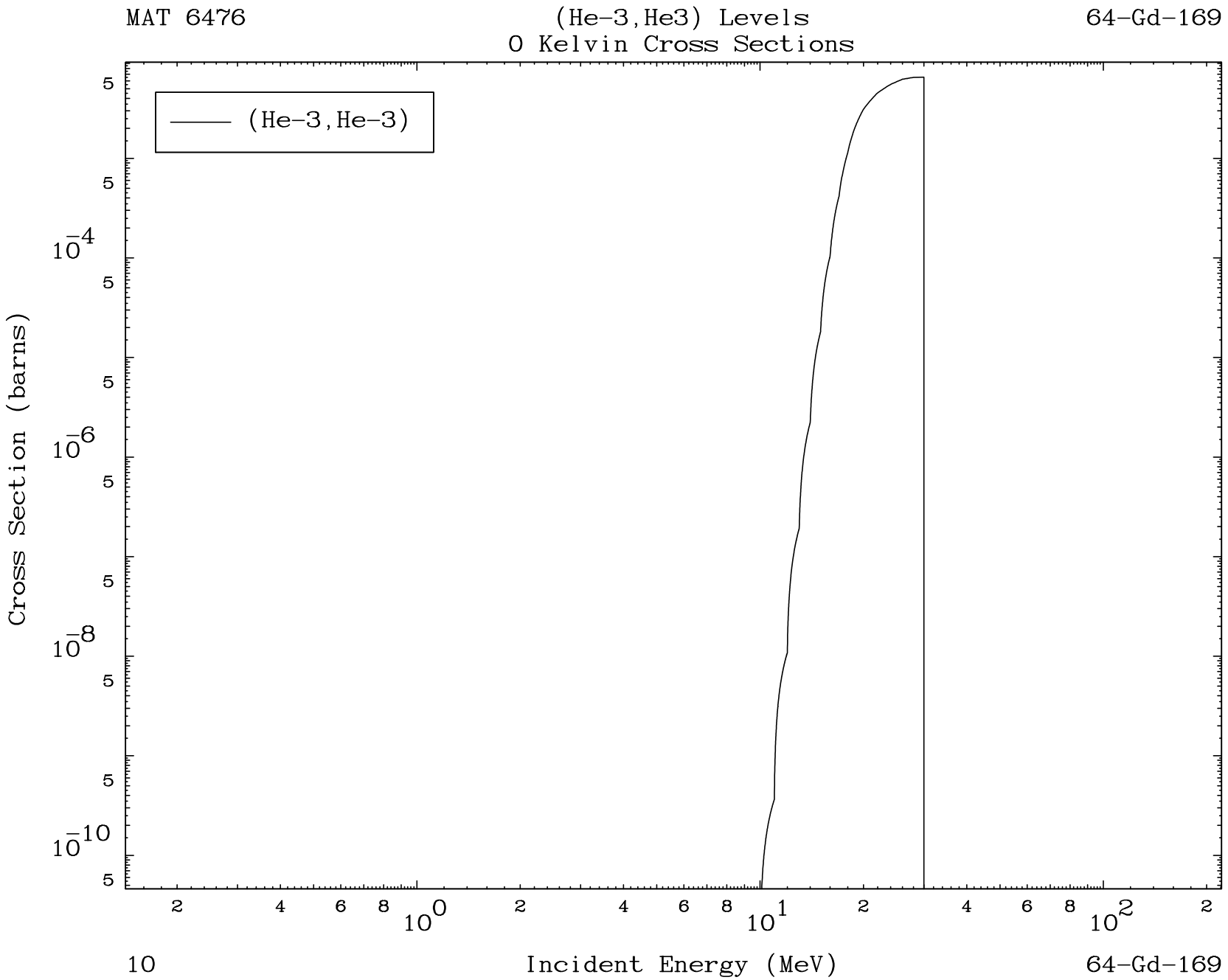

MAT 6476
He-3 Charged Particle
0 Kelvin Cross Sections
64-Gd-169
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
64-Gd-169
5

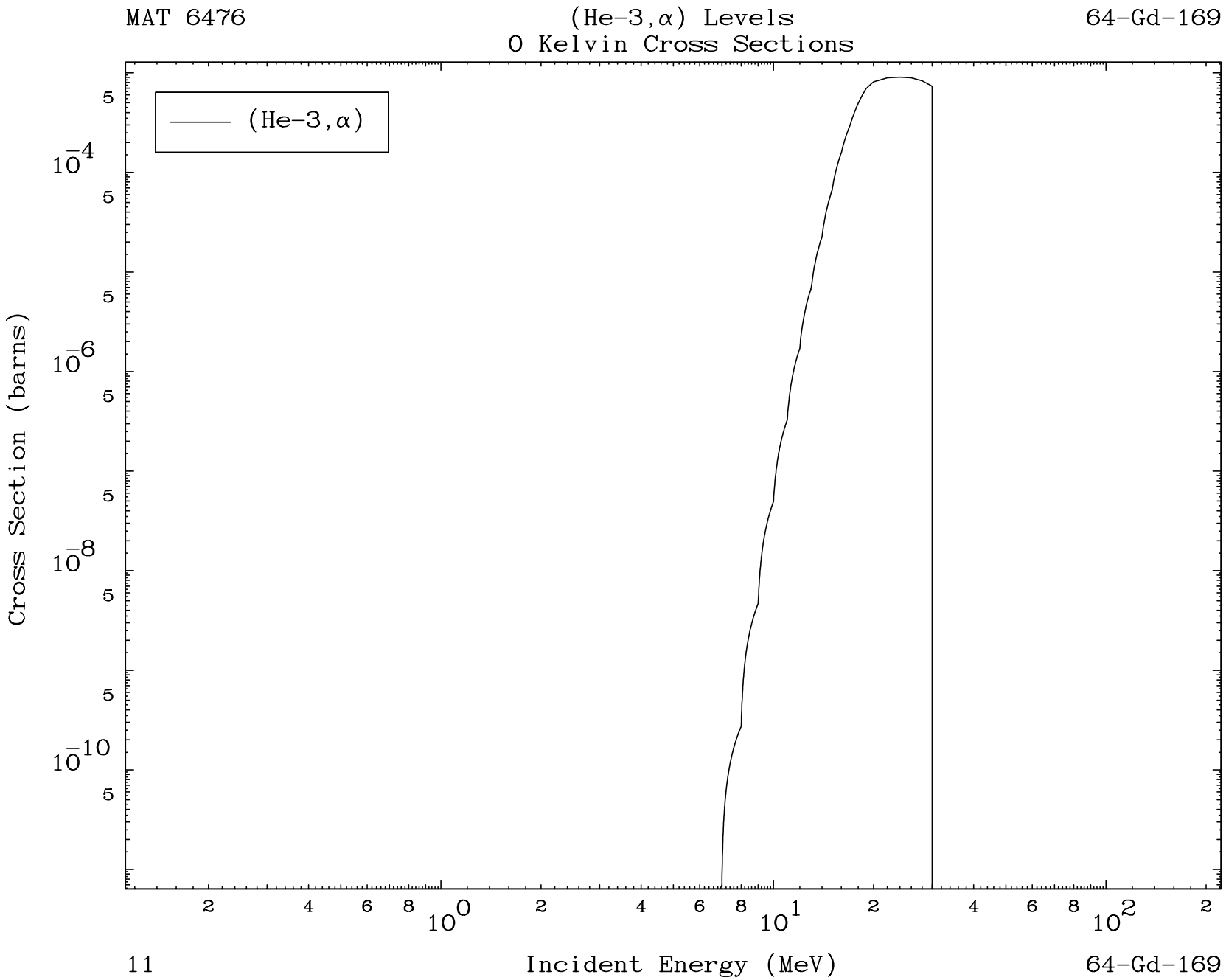

MAT 6476
(He-3,n') Level
64-Gd-169
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
64-Gd-169


MAT 6476
(He-3,p) Levels
64-Gd-169
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
64-Gd-169


0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)


MAT 6476
(He-3,t) Levels
0 Kelvin Cross Sections
64-Gd-169
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
64-Gd-169


MAT 6476
(He-3,He3) Levels
64-Gd-169
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
64-Gd-169


MAT 6476
(He-3,α) Levels
64-Gd-169
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^0
10^1
10^2
Incident Energy (MeV)
11
64-Gd-169