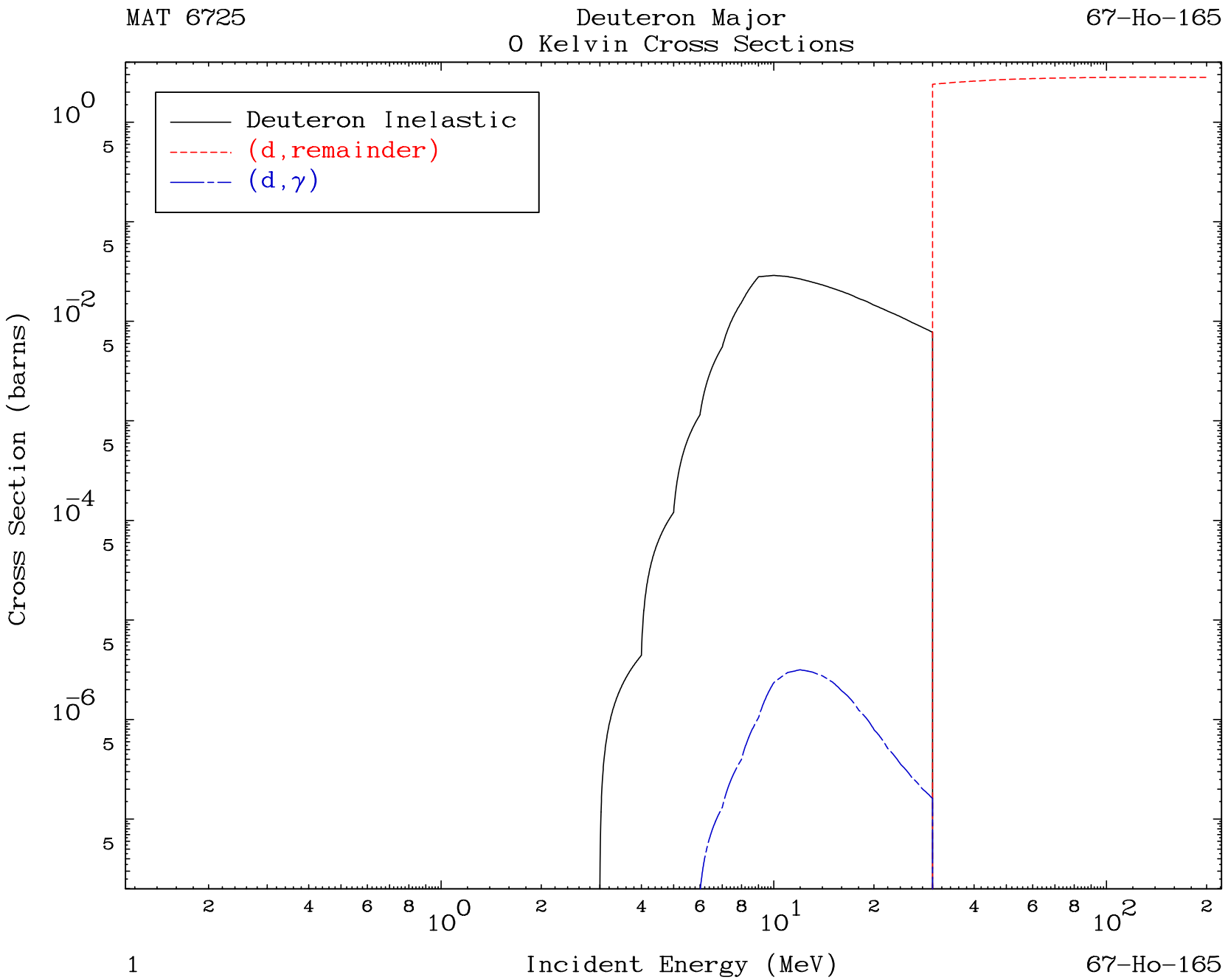
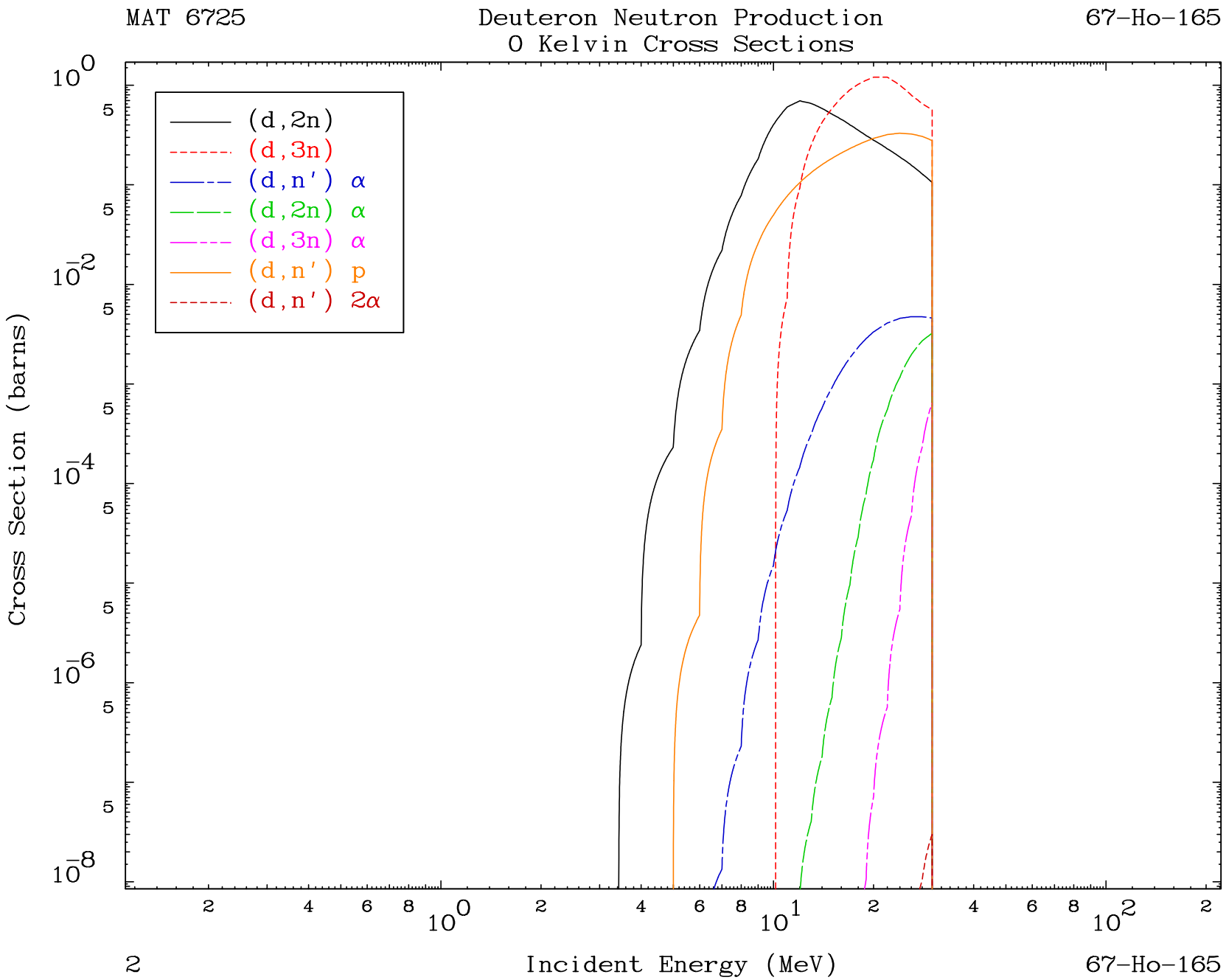
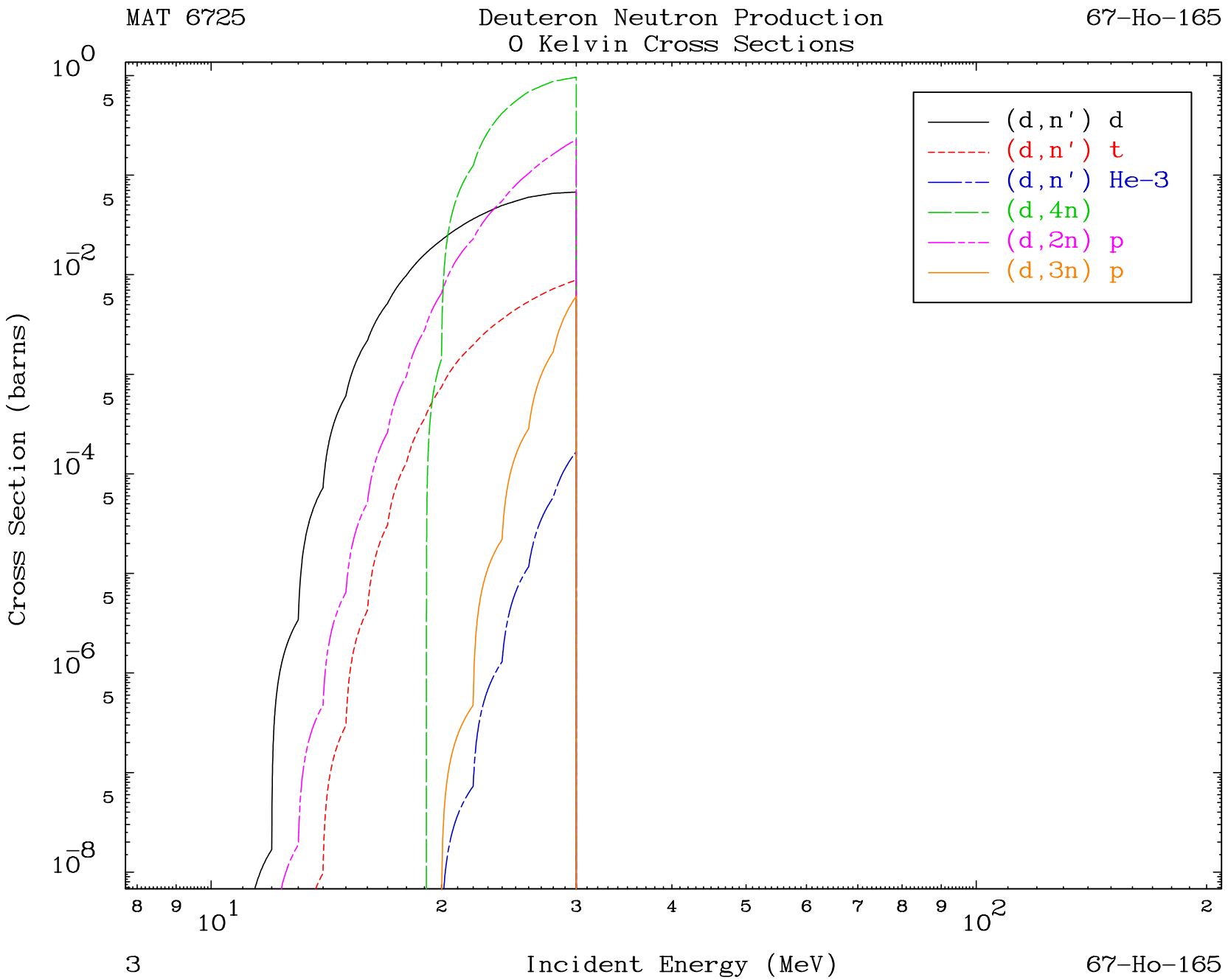
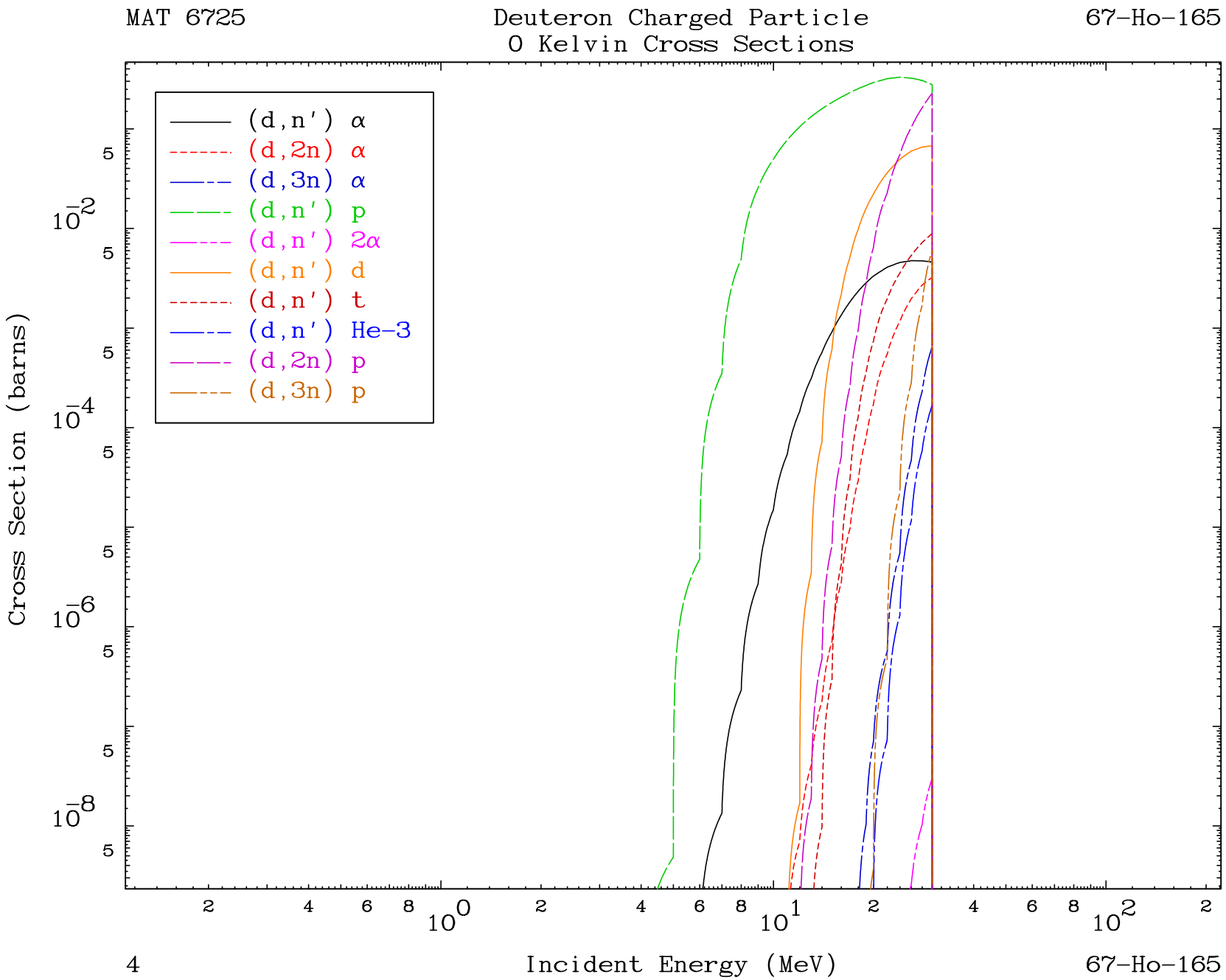
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

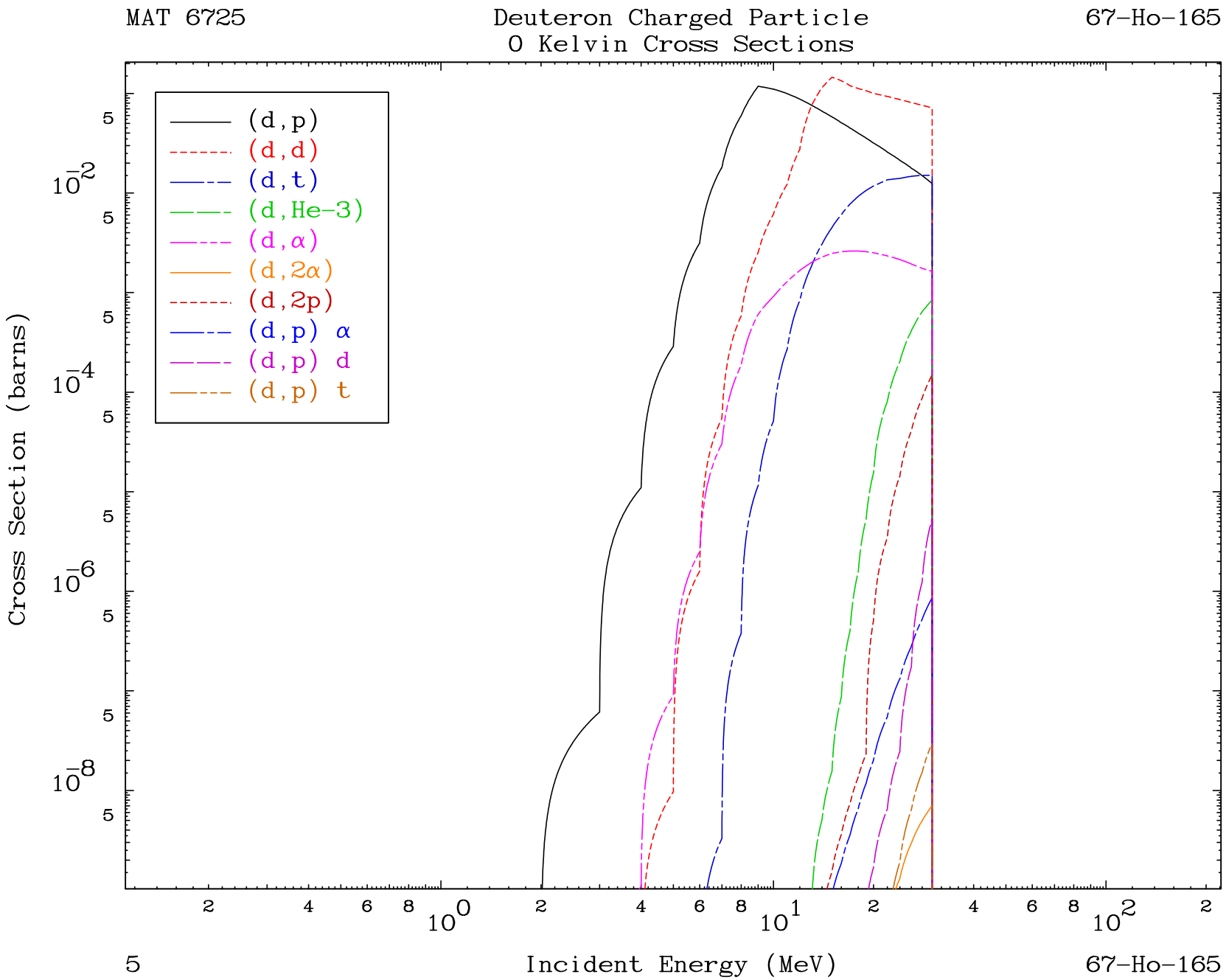
Press Mouse Button to Start

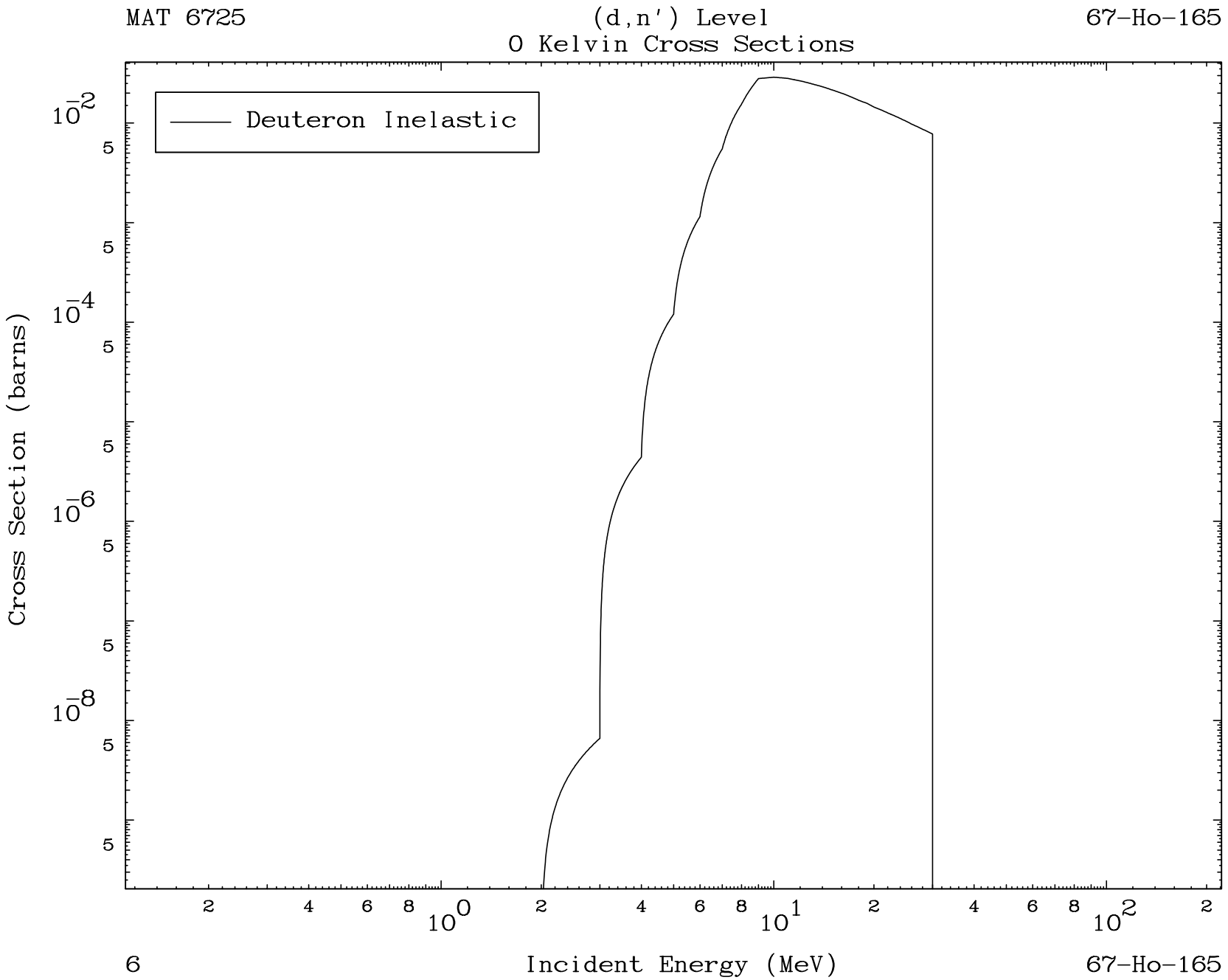

MAT 6725
Deuteron Major
0 Kelvin Cross Sections
67-Ho-165
Deuteron Inelastic
(d,remainder)
(d,γ)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-165
1

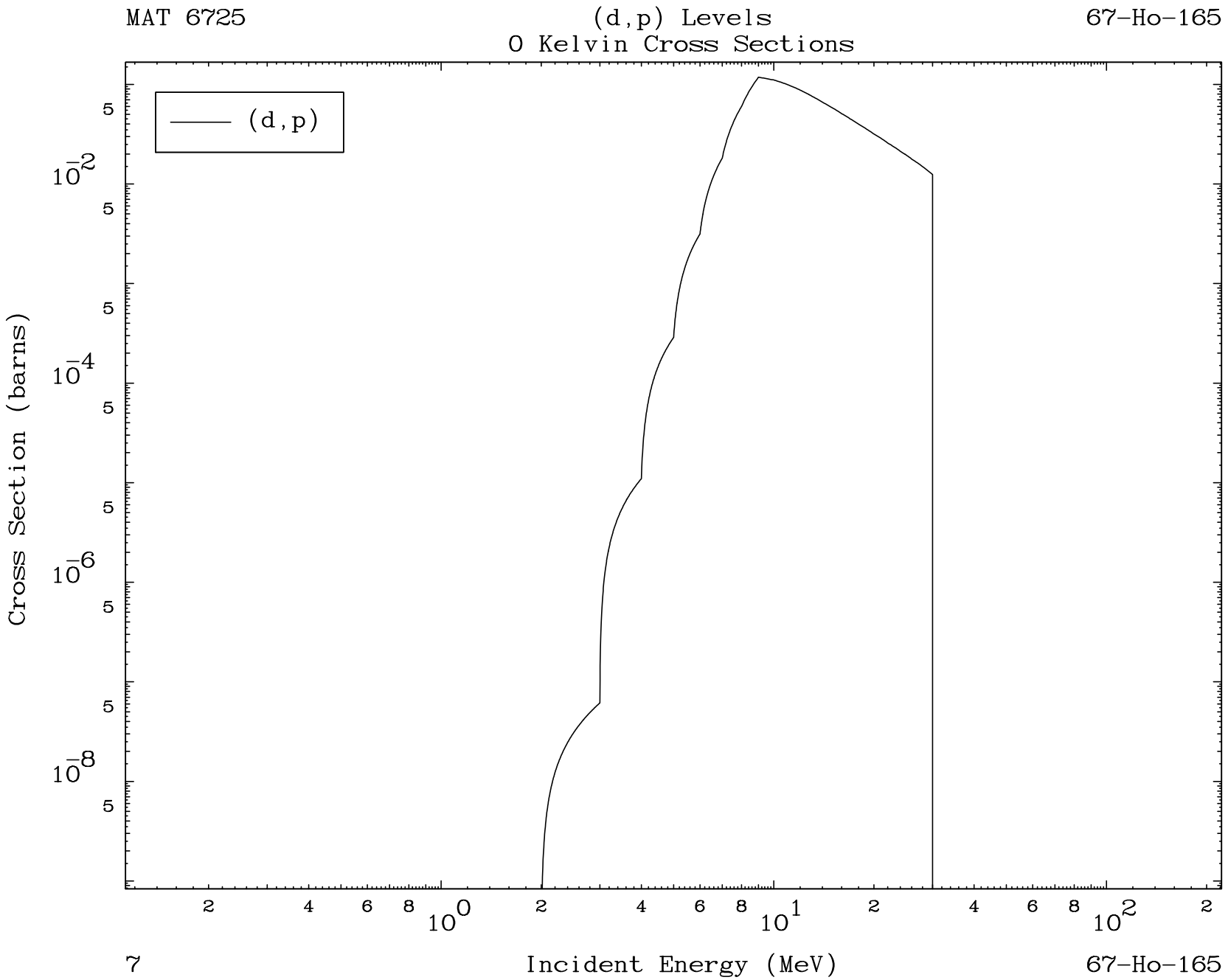

MAT 6725
Deuteron Neutron Production
0 Kelvin Cross Sections
67-Ho-165
(d,2n)
(d,3n)
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
Cross Section (barns)
Incident Energy (MeV)
67-Ho-165
2

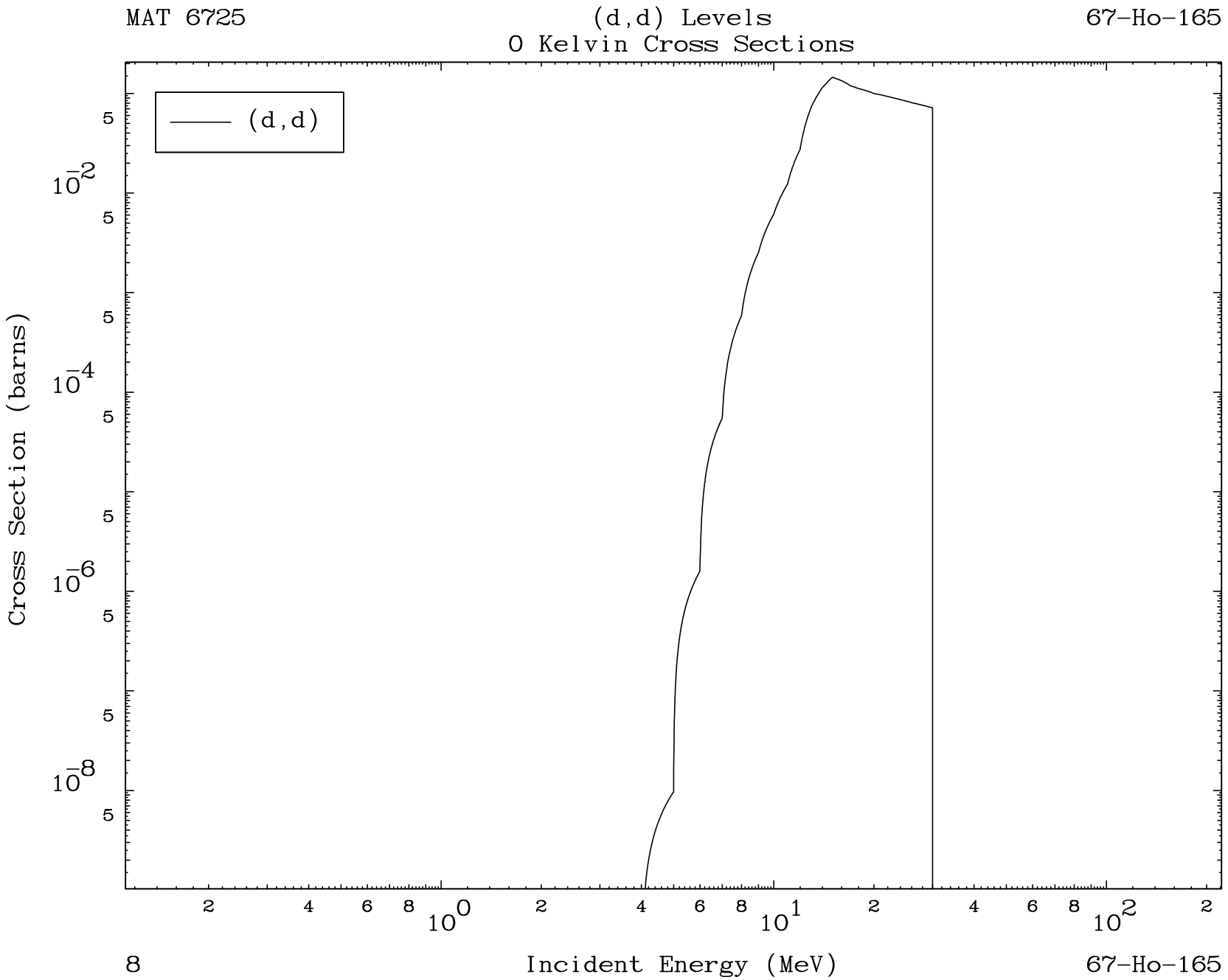

MAT 6725
Deuteron Neutron Production
0 Kelvin Cross Sections
67-Ho-165
(d,n') d
(d,n') t
(d,n') He-3
(d,4n)
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
67-Ho-165

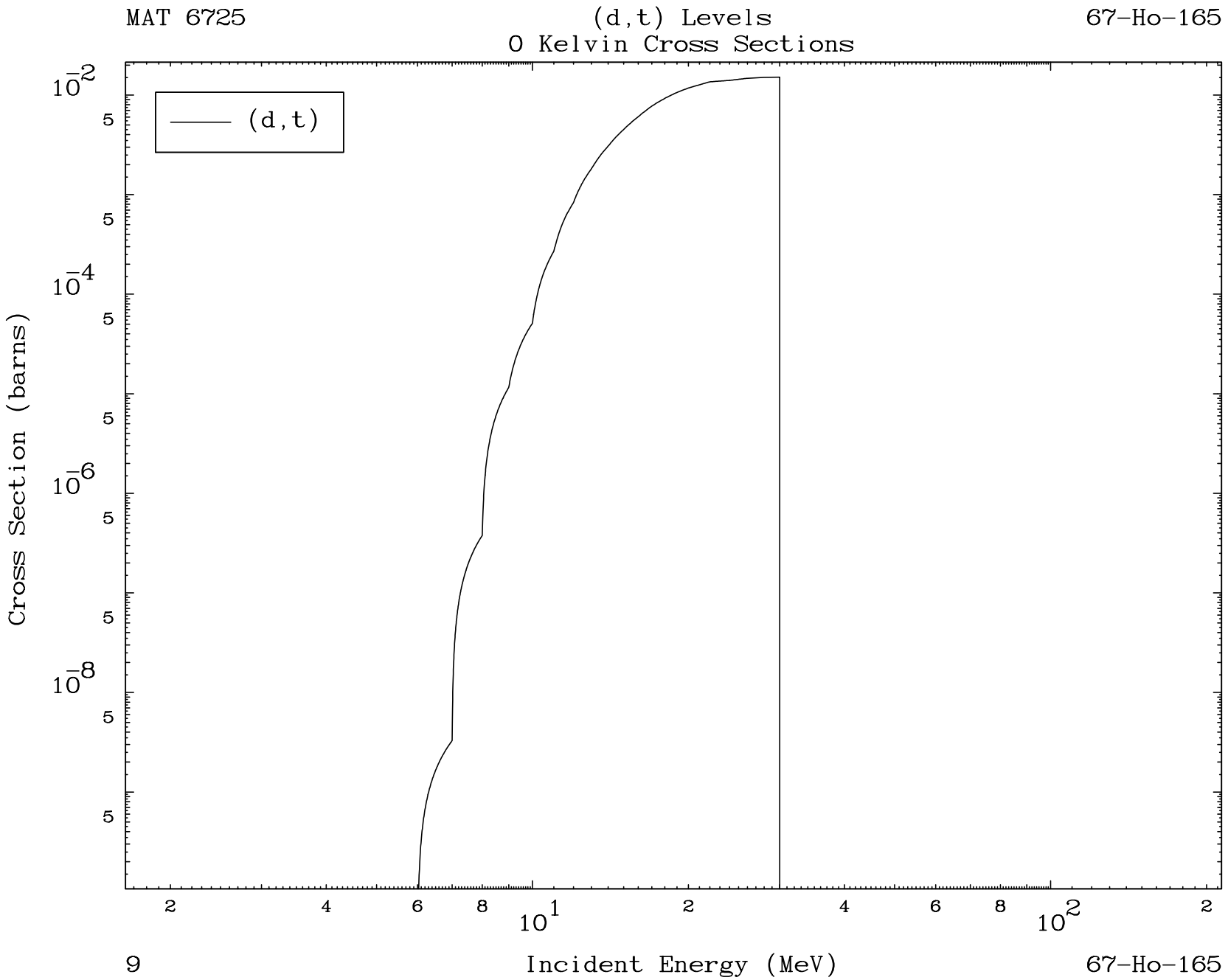

MAT 6725
Deuteron Charged Particle
0 Kelvin Cross Sections
67-Ho-165
(d,n') α
(d,2n) α
(d,3n) α
(d,n') p
(d,n') 2α
(d,n') d
(d,n') t
(d,n') He-3
(d,2n) p
(d,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
67-Ho-165

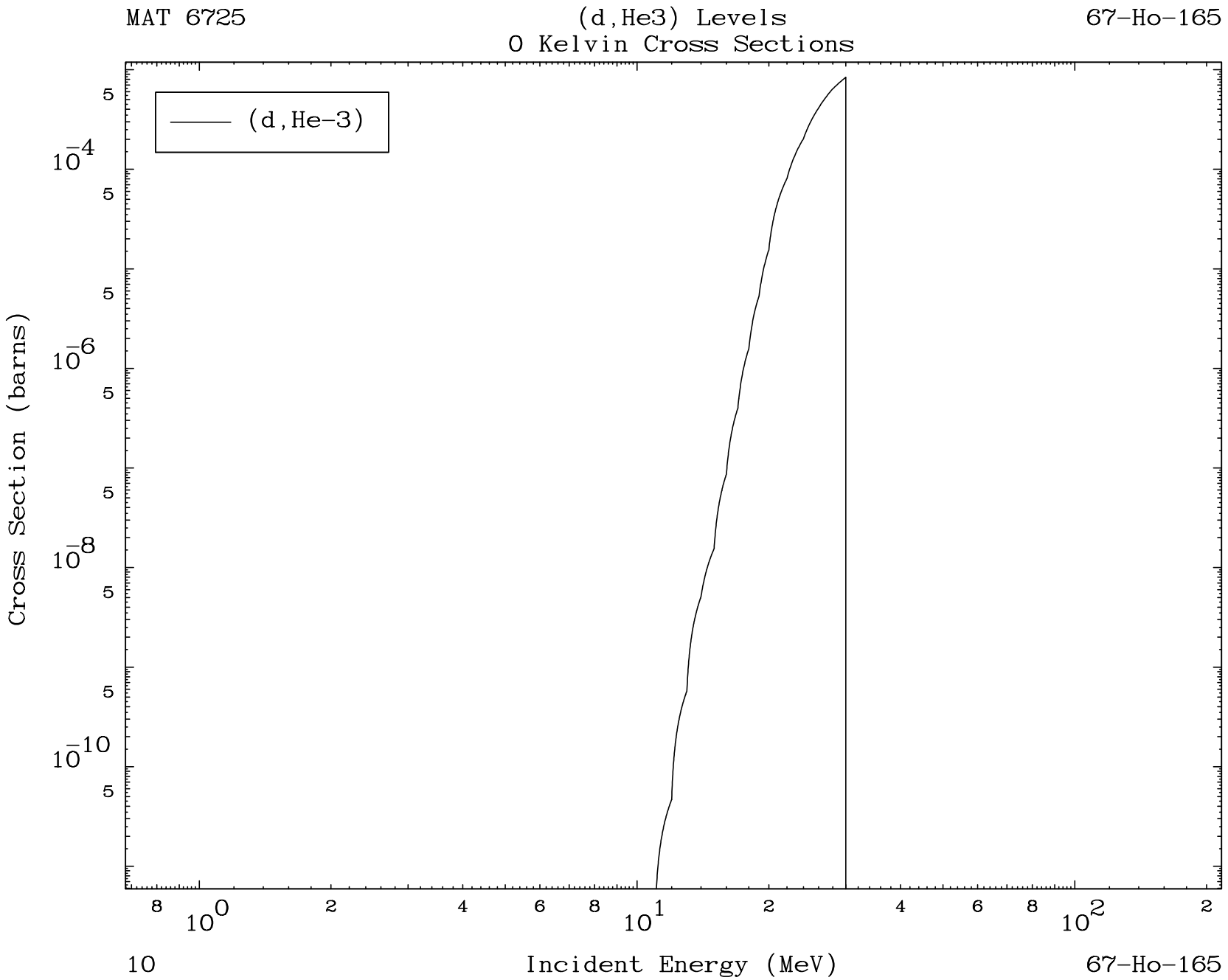

MAT 6725
Deuteron Charged Particle
0 Kelvin Cross Sections
67-Ho-165
(d,p)
(d,d)
(d,t)
(d,He-3)
(d,α)
(d,2α)
(d,2p)
(d,p) α
(d,p) d
(d,p) t
Cross Section (barns)
Incident Energy (MeV)
5
67-Ho-165

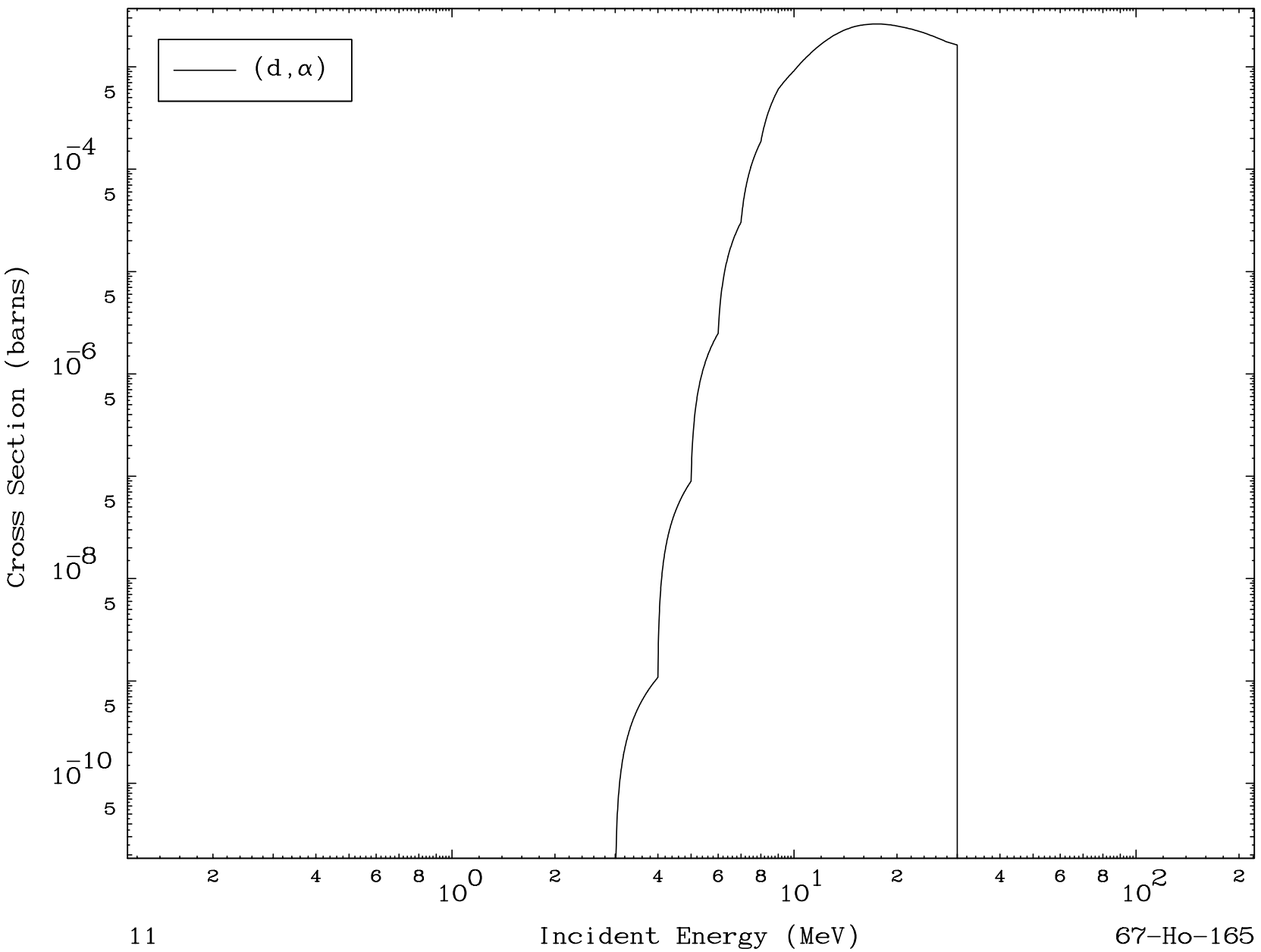

MAT 6725
(d,n') Level
67-Ho-165
0 Kelvin Cross Sections
Deuteron Inelastic
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
67-Ho-165

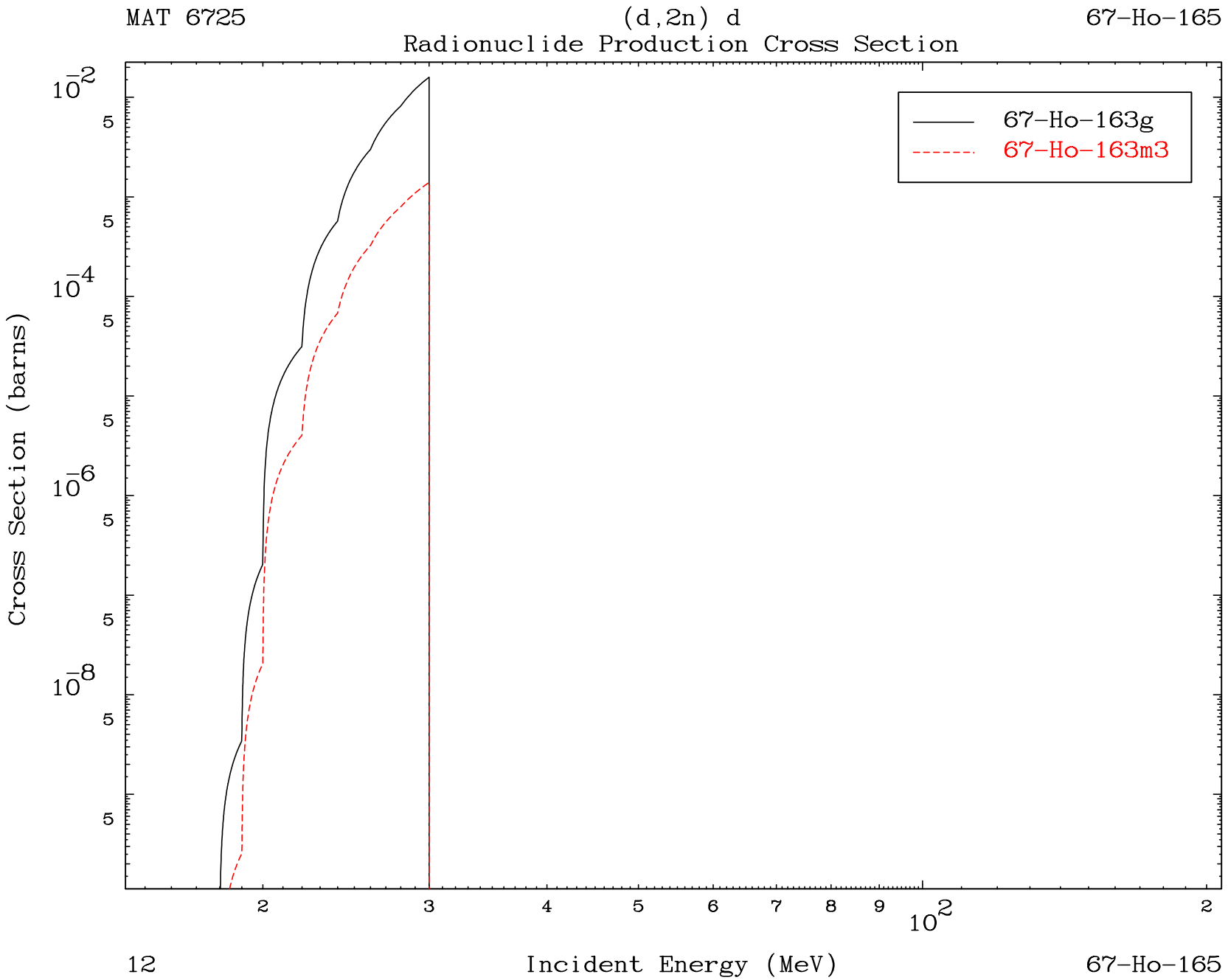

MAT 6725
(d,p) Levels
67-Ho-165
0 Kelvin Cross Sections
(d,p)
Cross Section (barns)
Incident Energy (MeV)
7
67-Ho-165

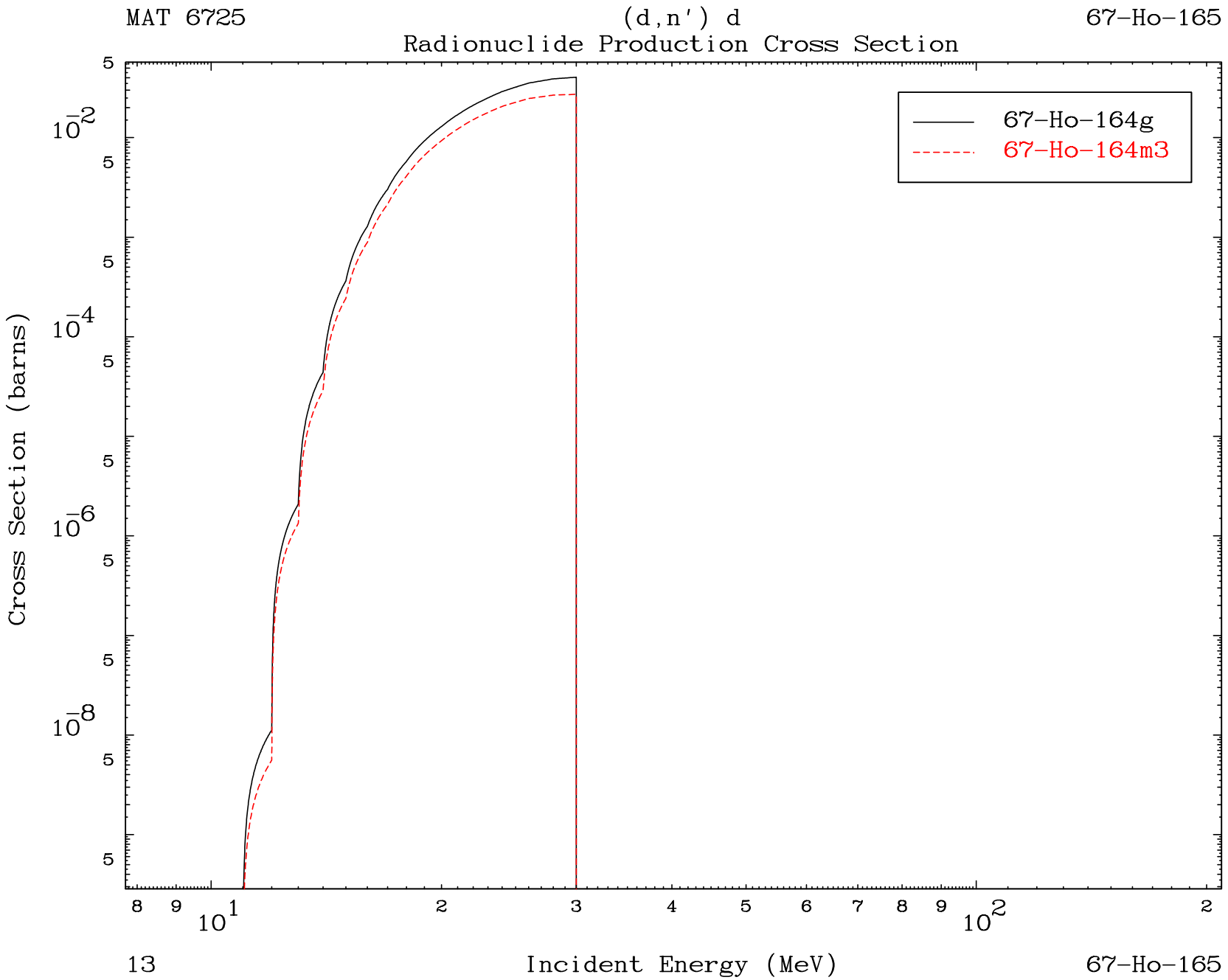

MAT 6725
(d,d) Levels
67-Ho-165
0 Kelvin Cross Sections
(d,d)
Cross Section (barns)
Incident Energy (MeV)
8
67-Ho-165

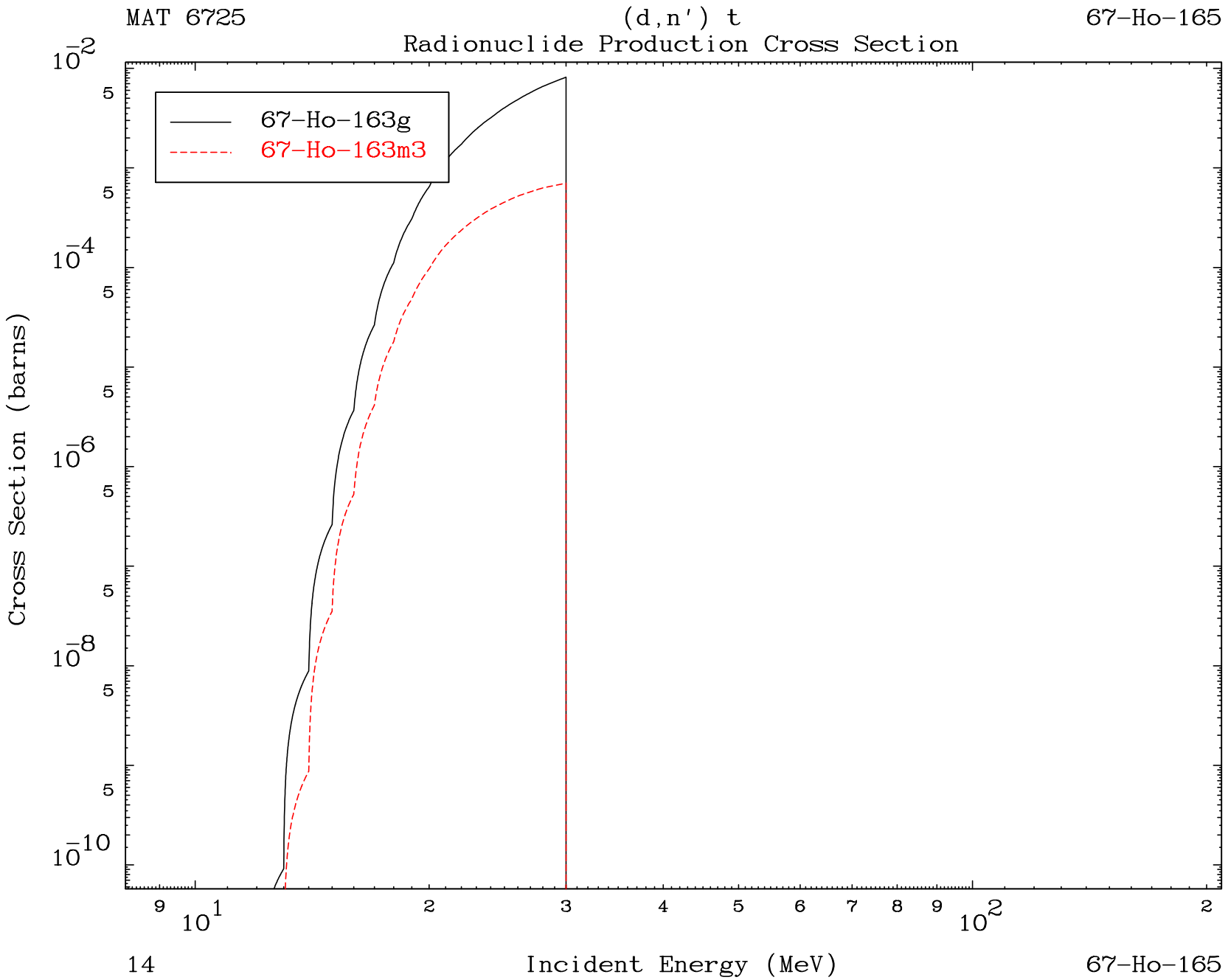

MAT 6725
(d,t) Levels
67-Ho-165
0 Kelvin Cross Sections
(d,t)
Cross Section (barns)
Incident Energy (MeV)
9
67-Ho-165

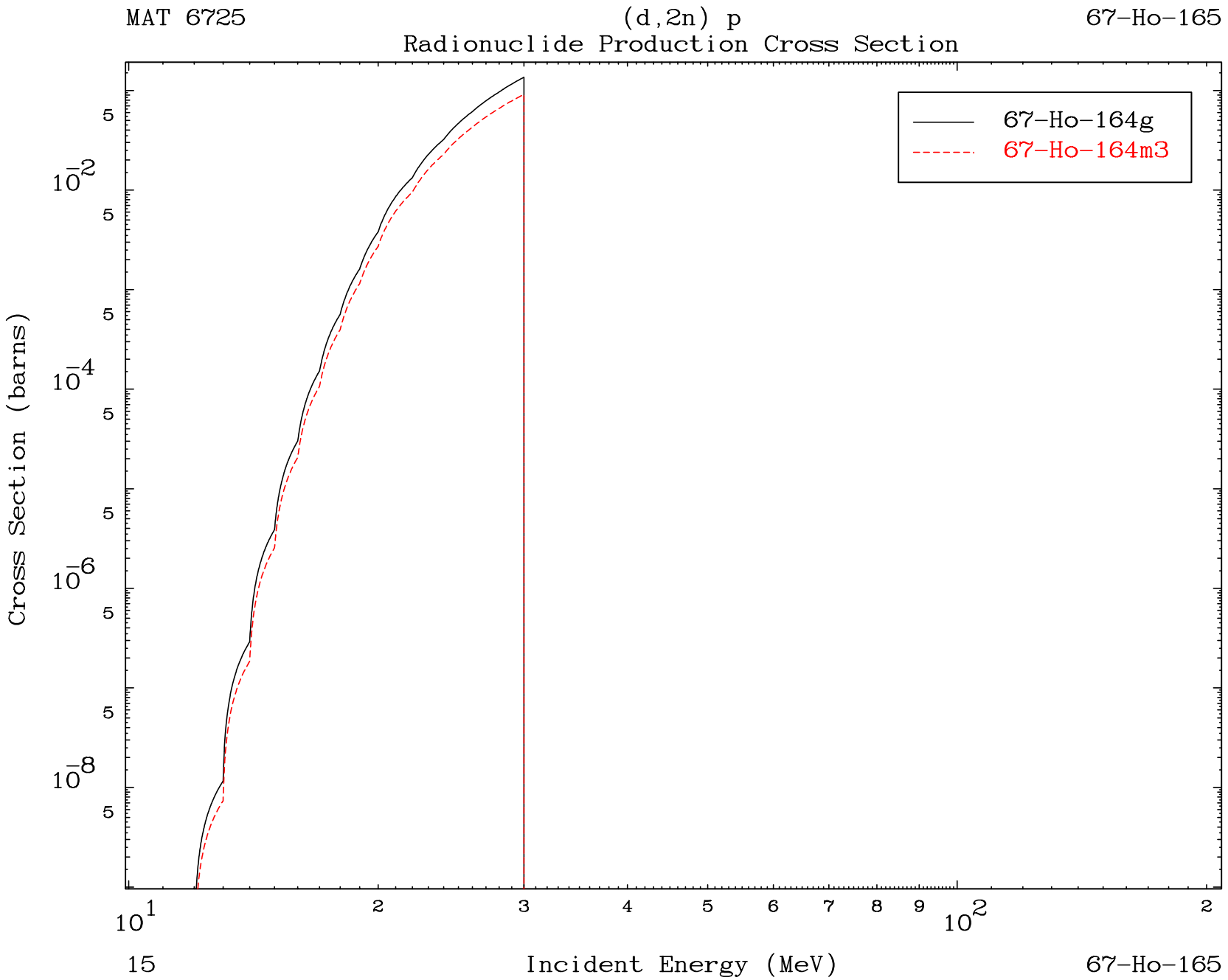

MAT 6725
(d,He3) Levels
67-Ho-165
0 Kelvin Cross Sections
(d,He-3)
Cross Section (barns)
Incident Energy (MeV)
67-Ho-165

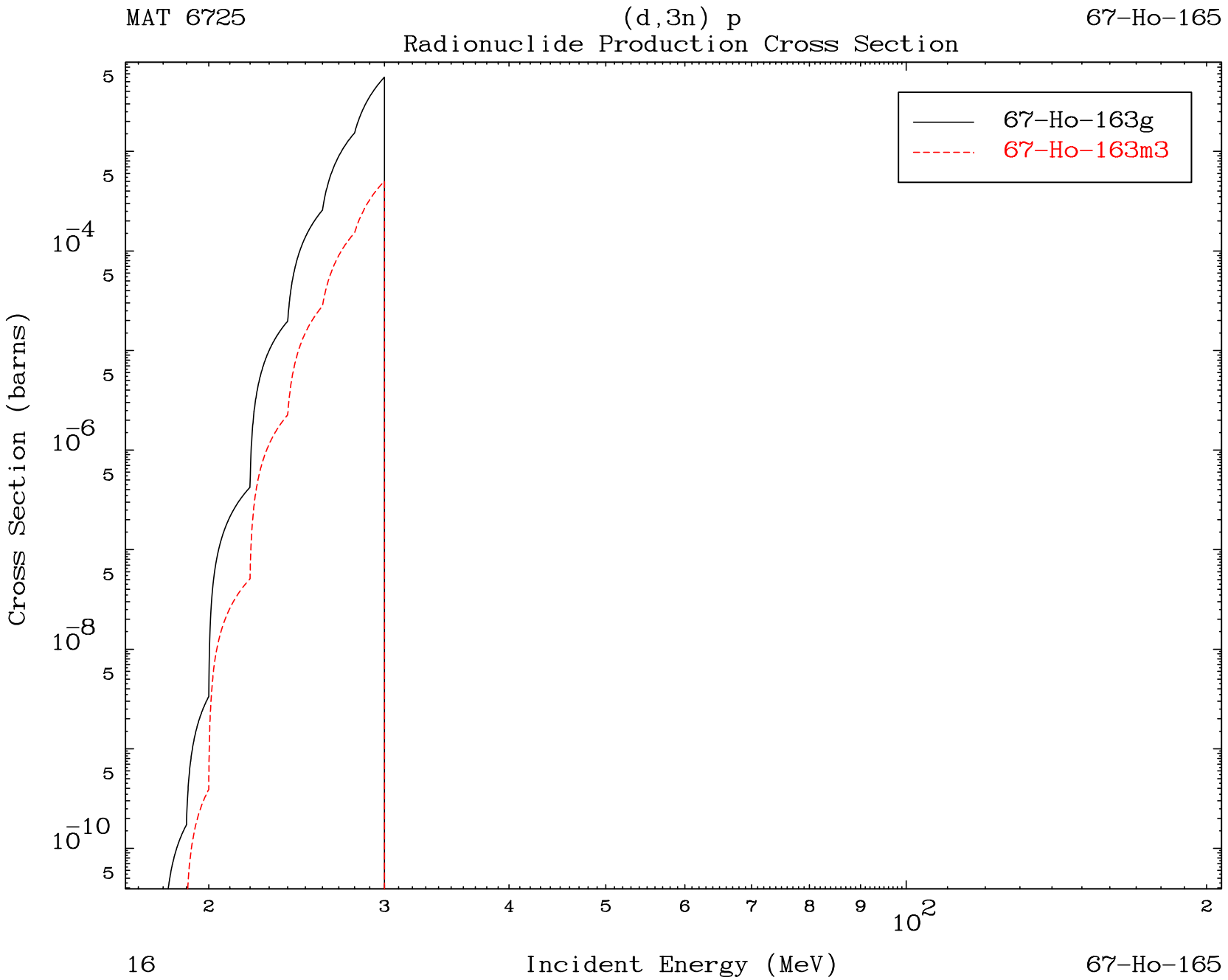

0 Kelvin Cross Sections
(d,α)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)

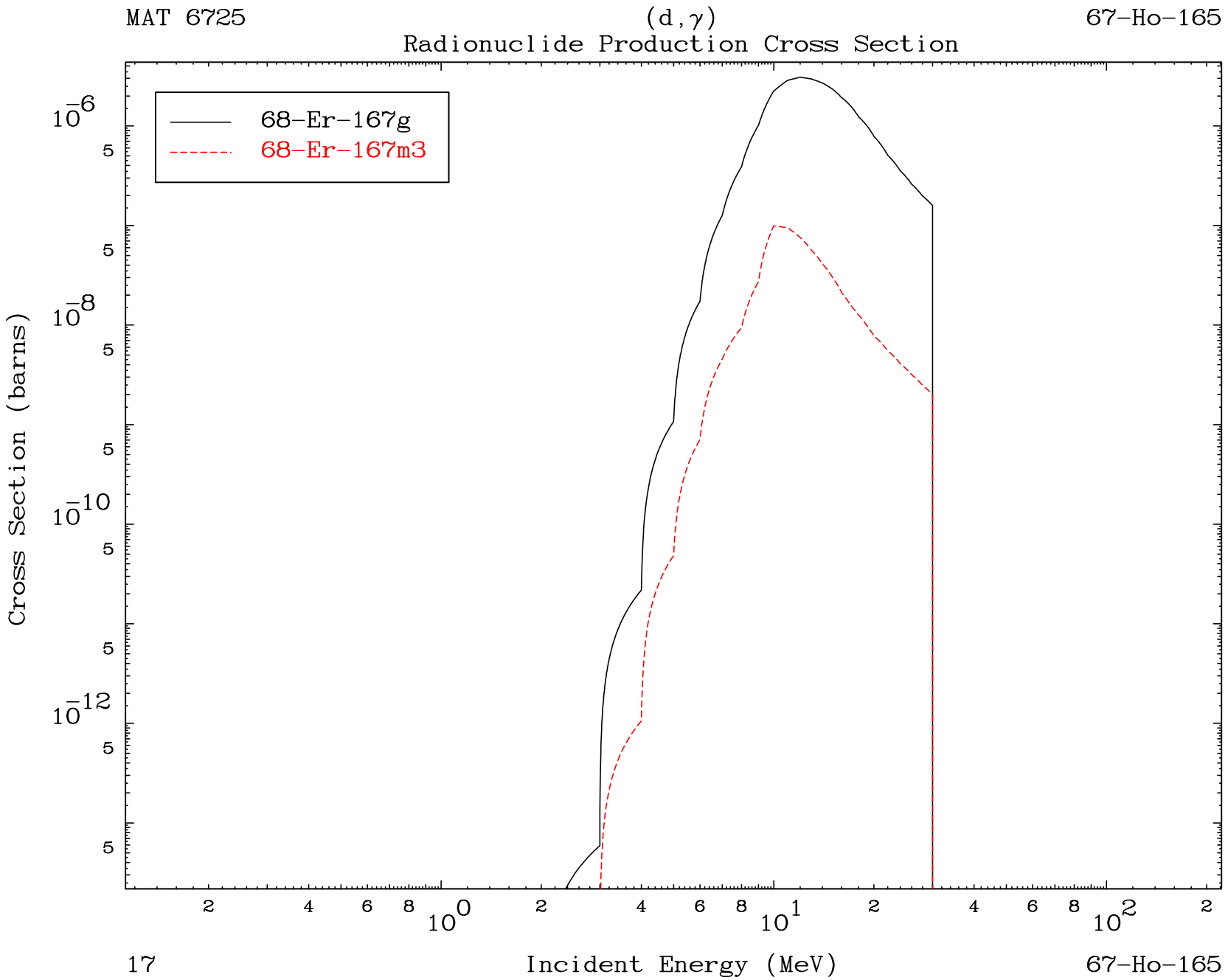

MAT 6725
(d,2n) d
67-Ho-165
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
Incident Energy (MeV)
12
67-Ho-165

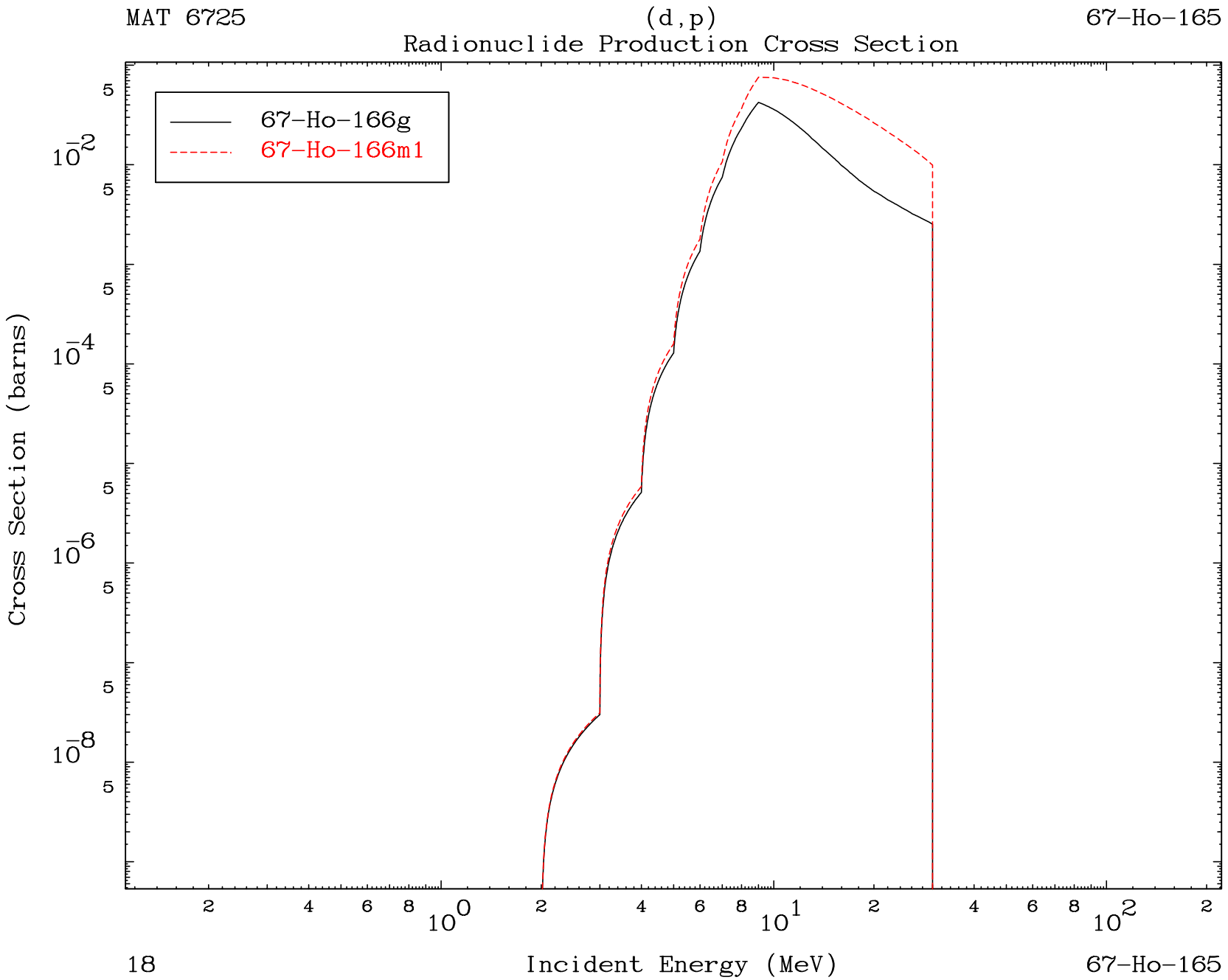

MAT 6725
(d,n') d
67-Ho-165
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
13
67-Ho-165

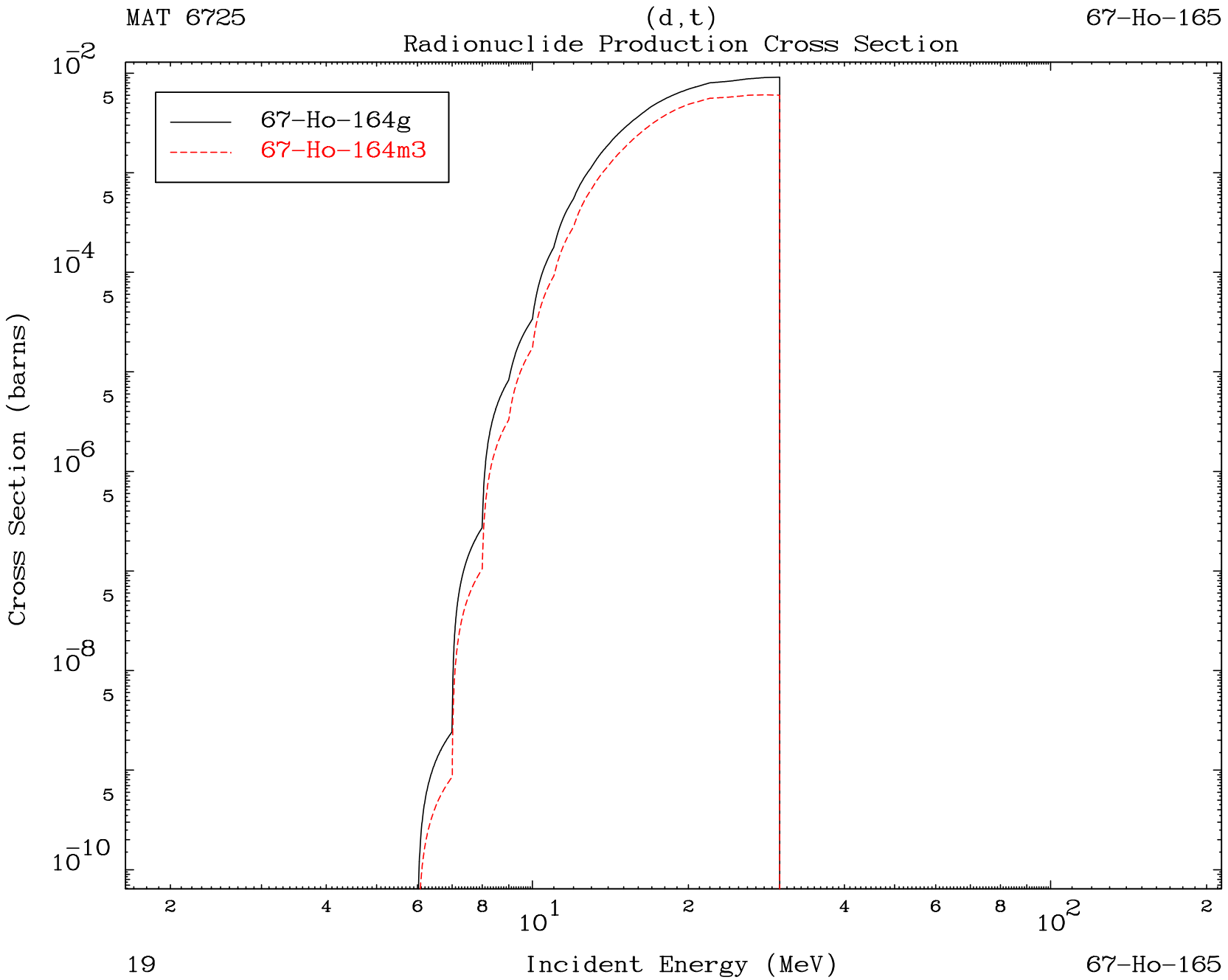

MAT 6725
(d,n') t
67-Ho-165
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
Incident Energy (MeV)
14
67-Ho-165

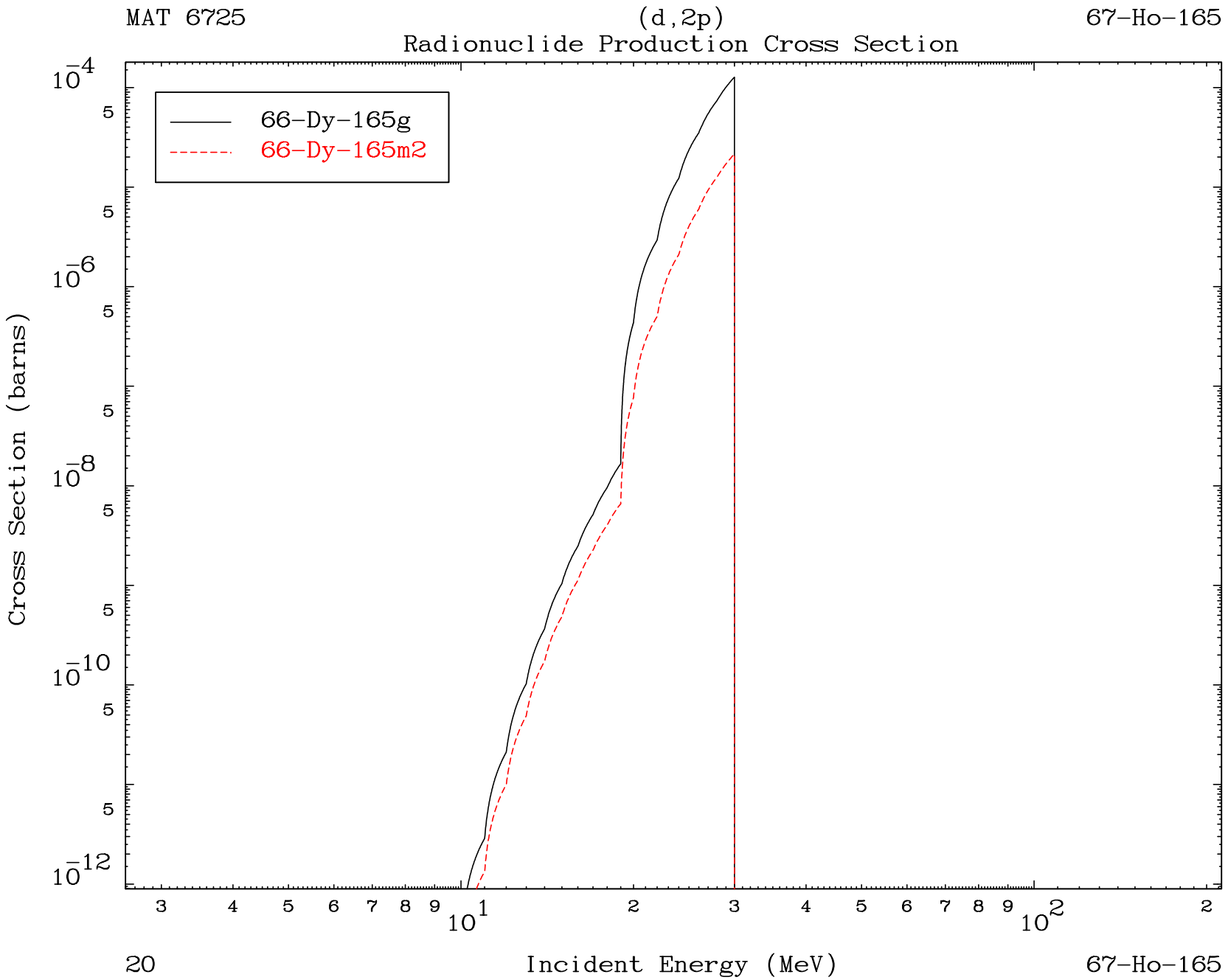

MAT 6725
(d,2n) p
67-Ho-165
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
67-Ho-165
15


MAT 6725
(d,3n) p
67-Ho-165
Radionuclide Production Cross Section
67-Ho-163g
67-Ho-163m3
Cross Section (barns)
Incident Energy (MeV)
16
67-Ho-165


MAT 6725
(d,γ)
67-Ho-165
Radionuclide Production Cross Section
68-Er-167g
68-Er-167m3
Cross Section (barns)
Incident Energy (MeV)
17
67-Ho-165


MAT 6725
(d,p)
67-Ho-165
Radionuclide Production Cross Section
67-Ho-166g
67-Ho-166m1
Cross Section (barns)
Incident Energy (MeV)
18
67-Ho-165


MAT 6725
(d,t)
67-Ho-165
Radionuclide Production Cross Section
67-Ho-164g
67-Ho-164m3
Cross Section (barns)
Incident Energy (MeV)
19
67-Ho-165


MAT 6725
(d,2p)
67-Ho-165
Radionuclide Production Cross Section
66-Dy-165g
66-Dy-165m2
Cross Section (barns)
Incident Energy (MeV)
20
67-Ho-165