Program EVALPLOT
(Version 2018-1)
by
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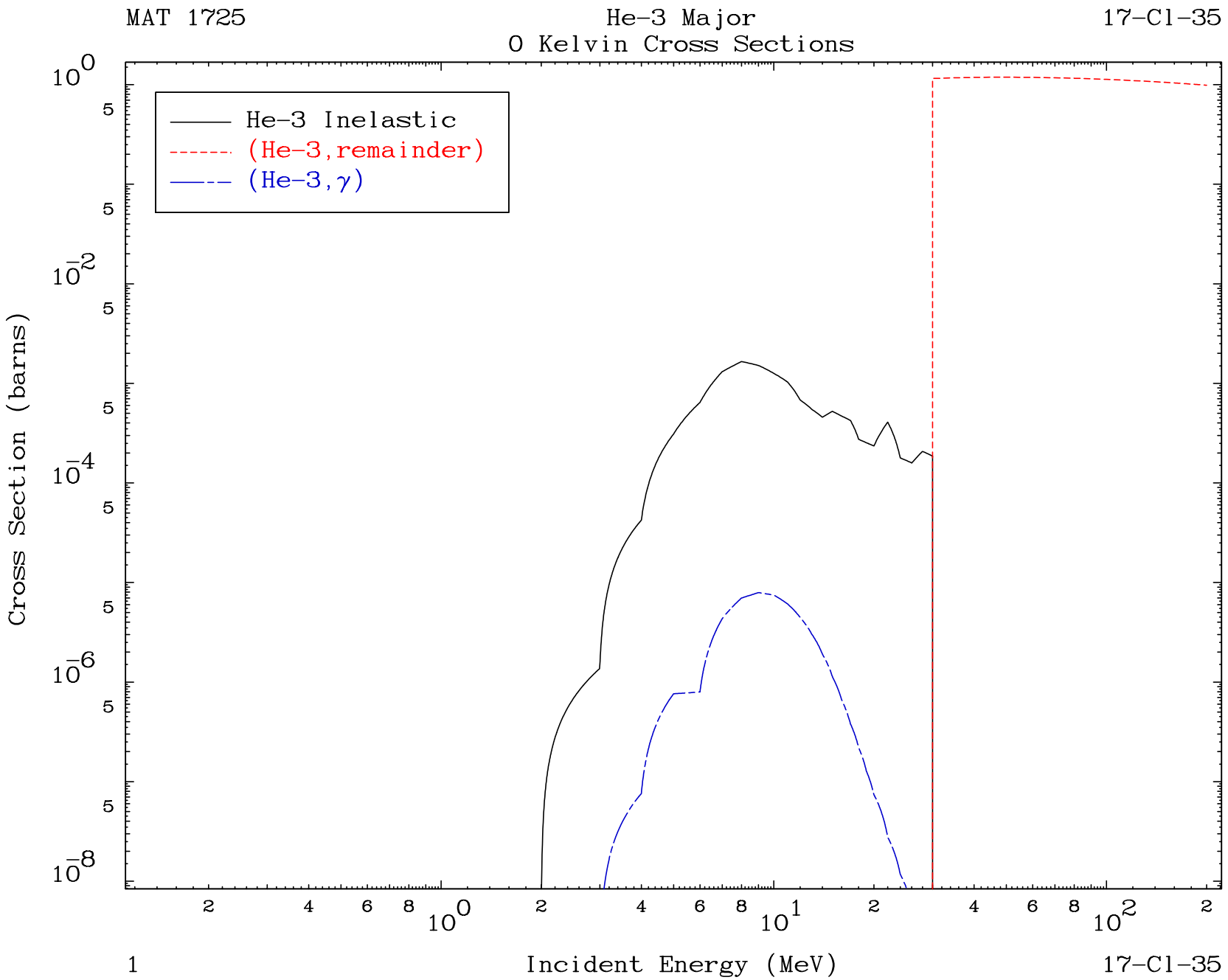
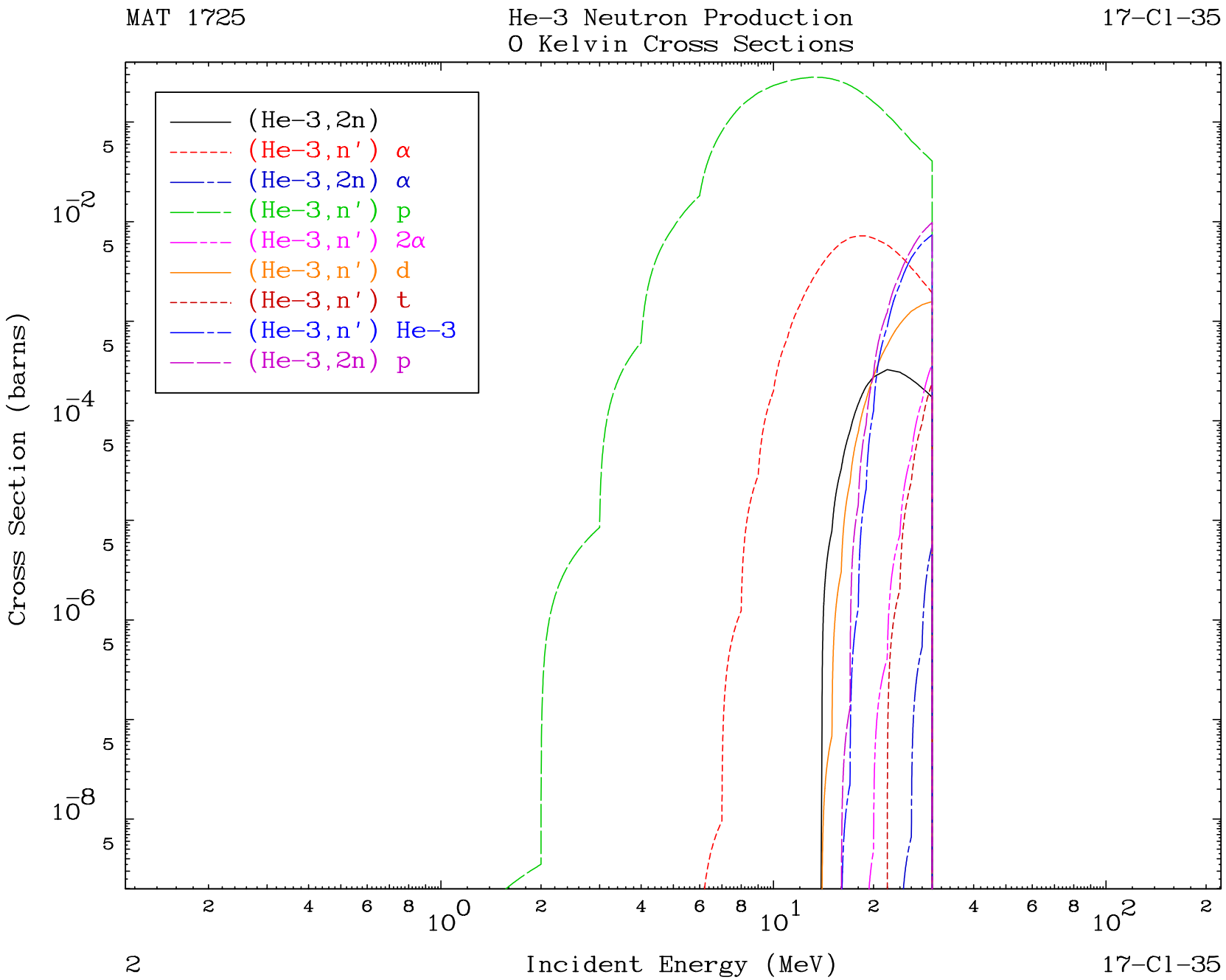
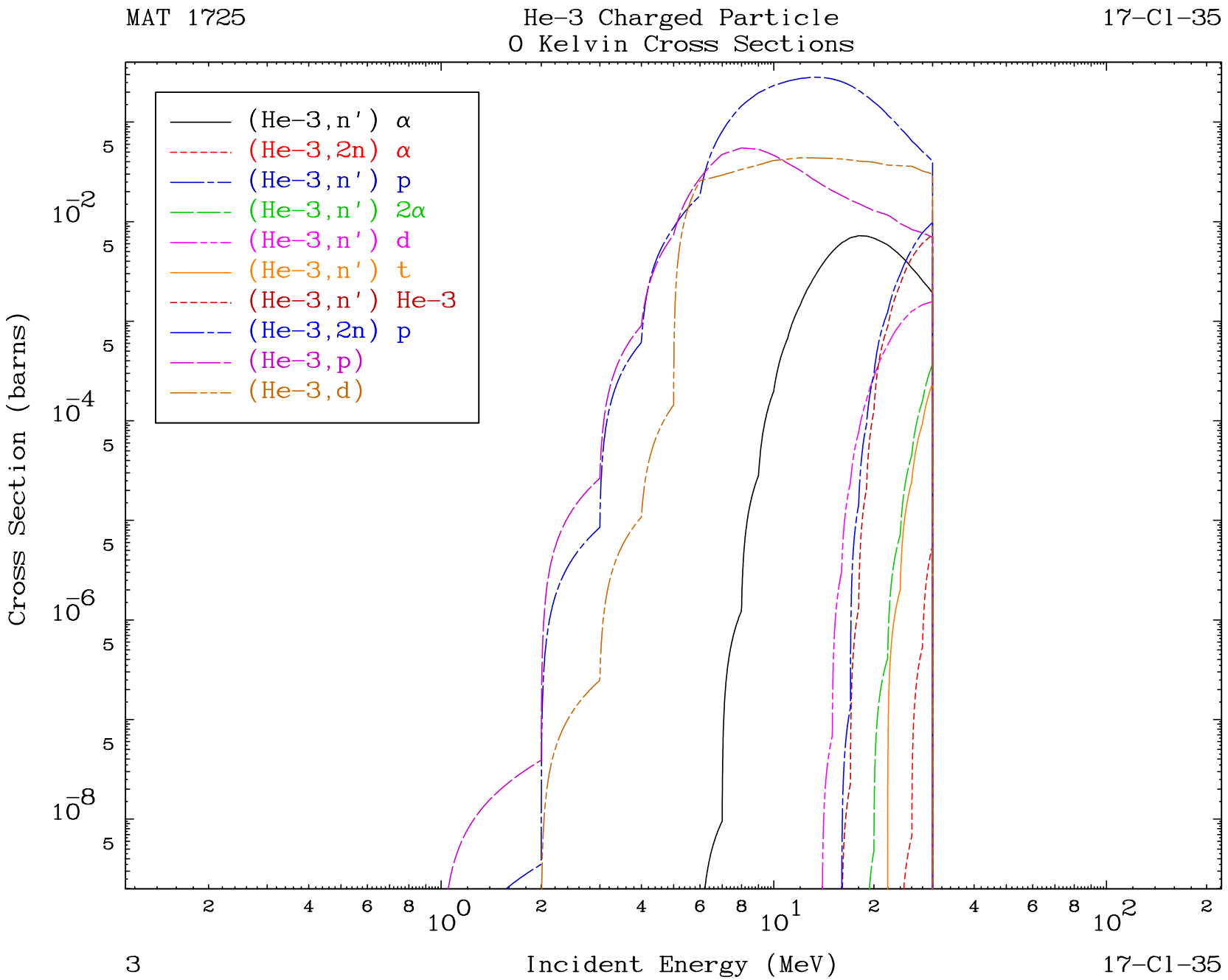
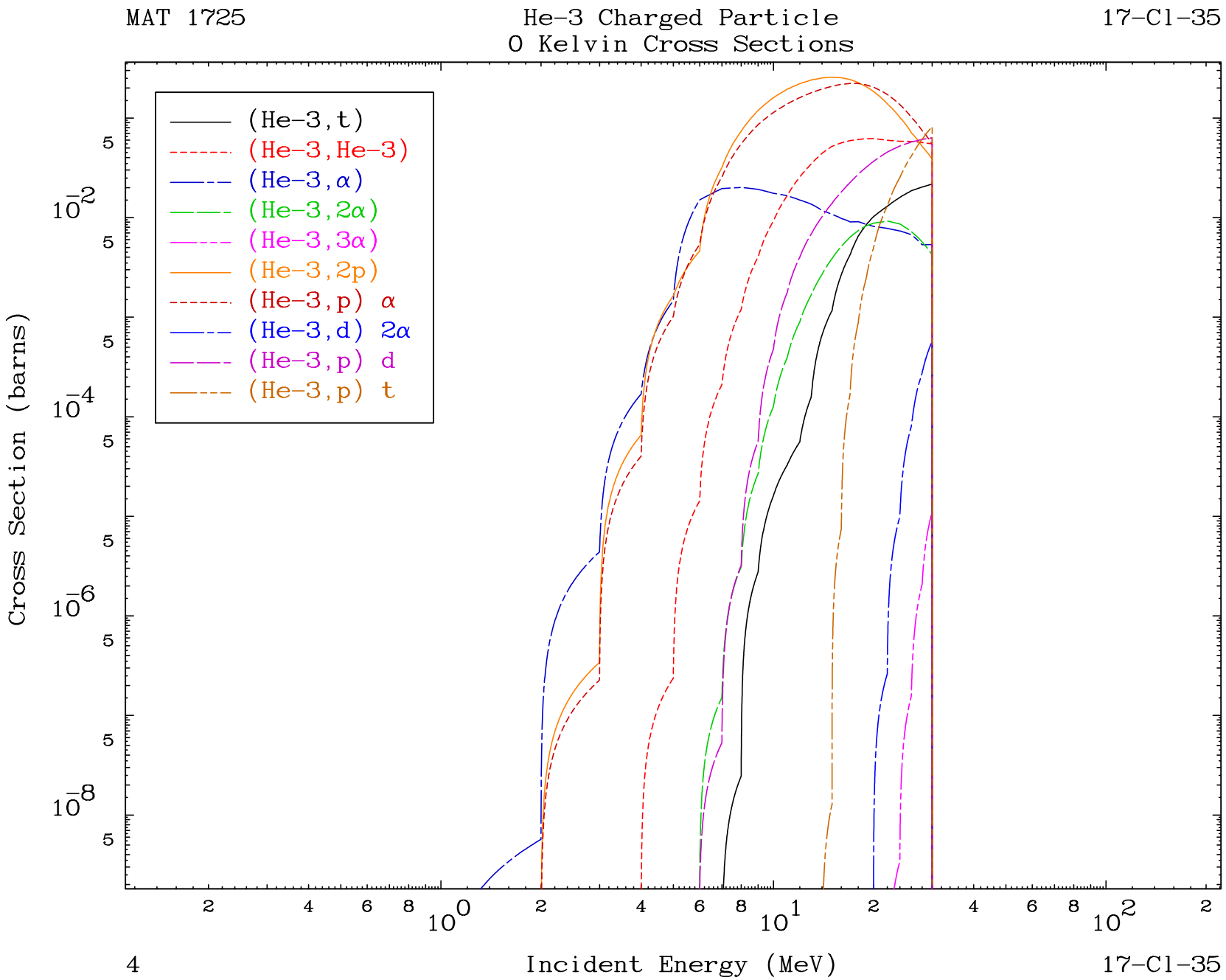
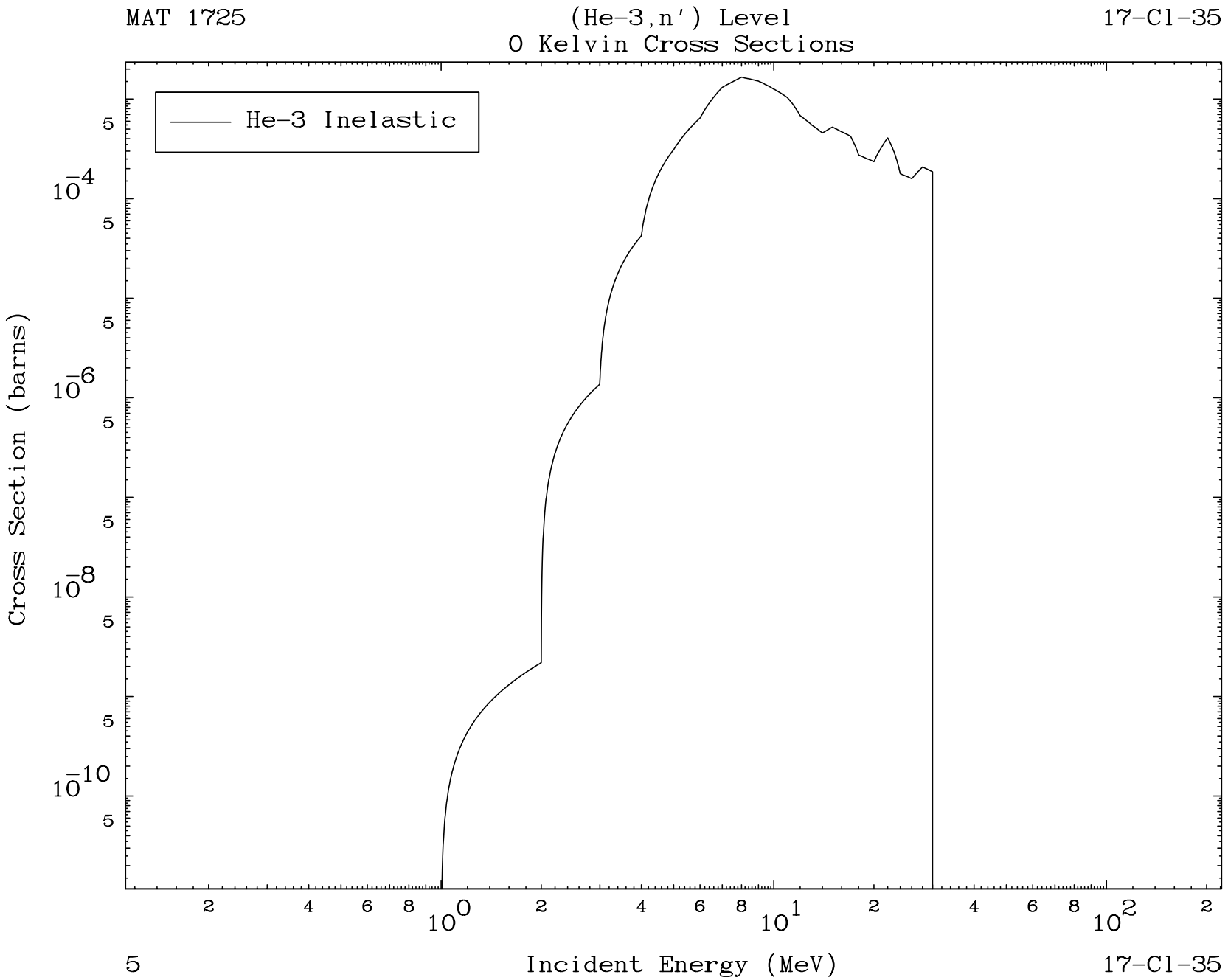
Press Mouse Button to Start

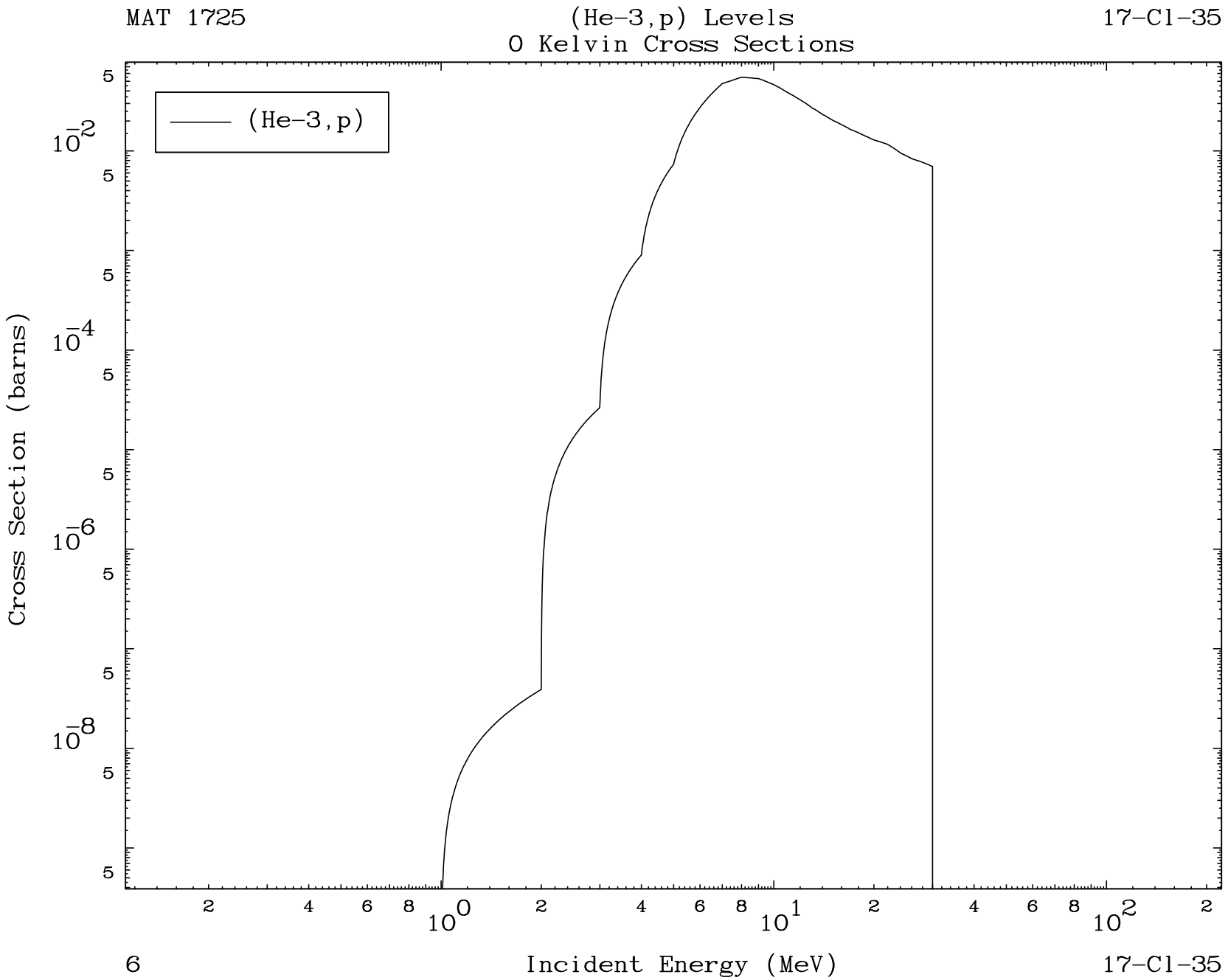

MAT 1725
He-3 Major
17-Cl-35
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-35
1

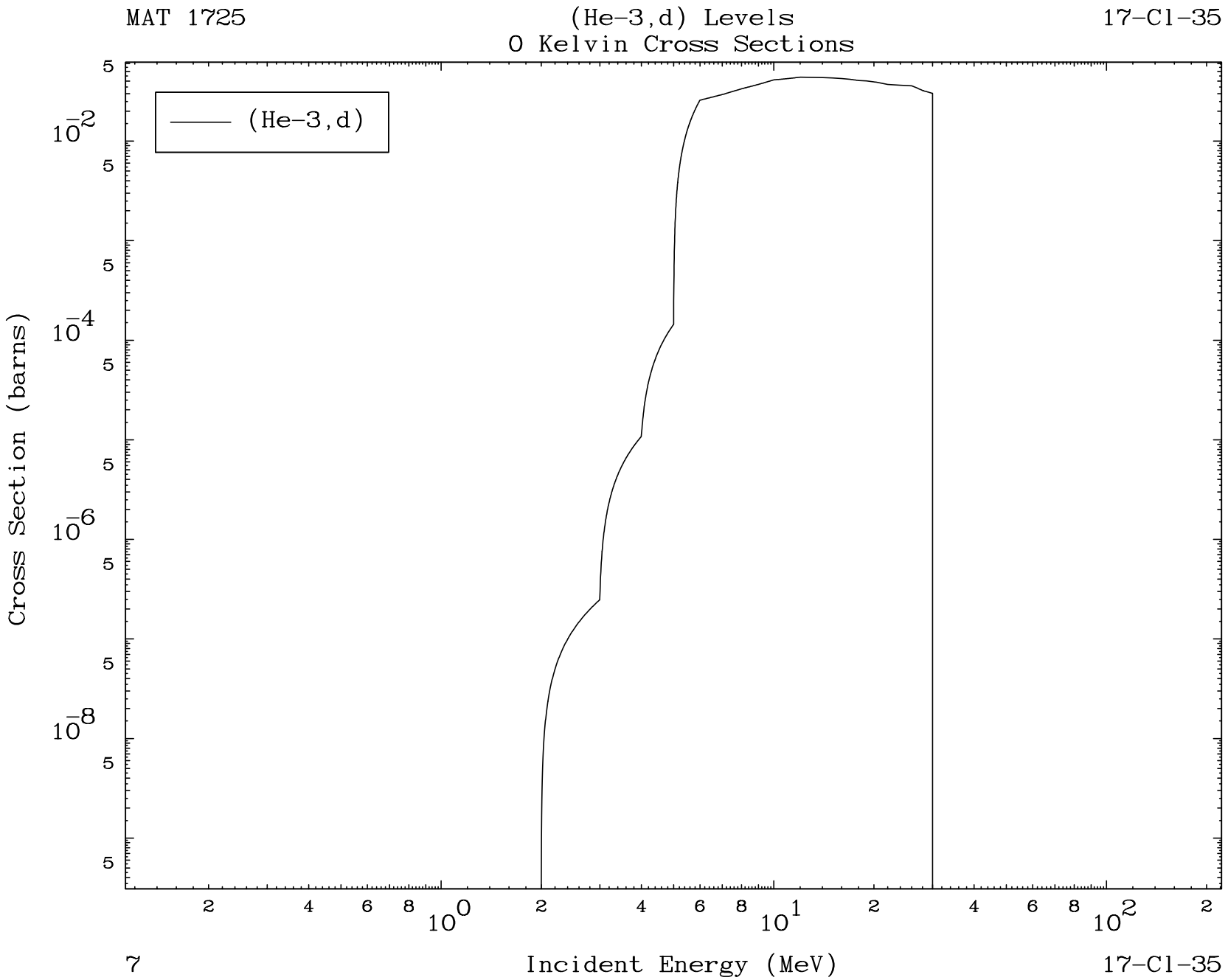

MAT 1725
He-3 Neutron Production
0 Kelvin Cross Sections
17-Cl-35
(He-3,2n)
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
Cross Section (barns)
Incident Energy (MeV)
2
17-Cl-35

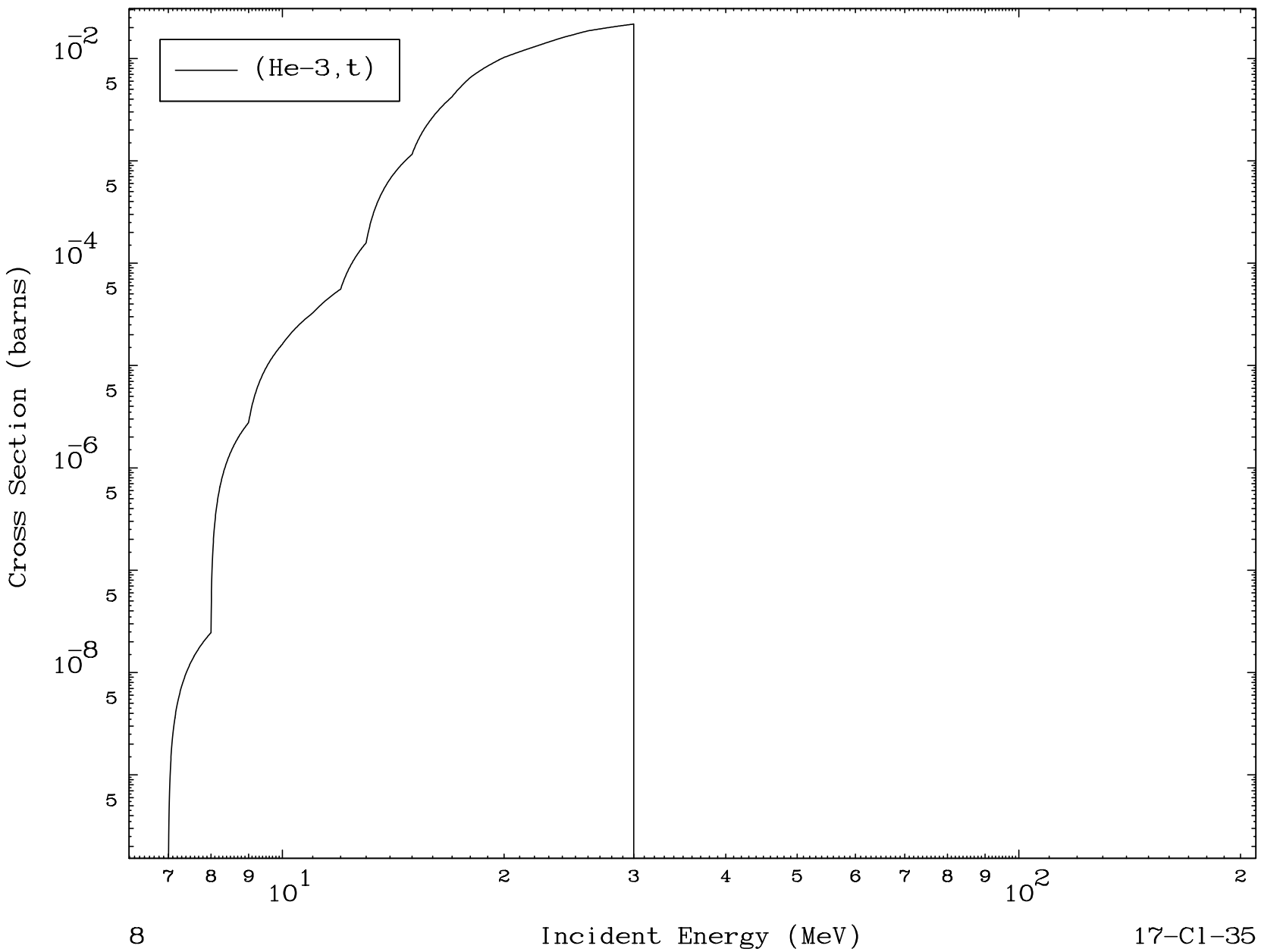

MAT 1725
He-3 Charged Particle
0 Kelvin Cross Sections
17-Cl-35
(He-3,n') α
(He-3,2n) α
(He-3,n') p
(He-3,n') 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,p)
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
3
17-Cl-35

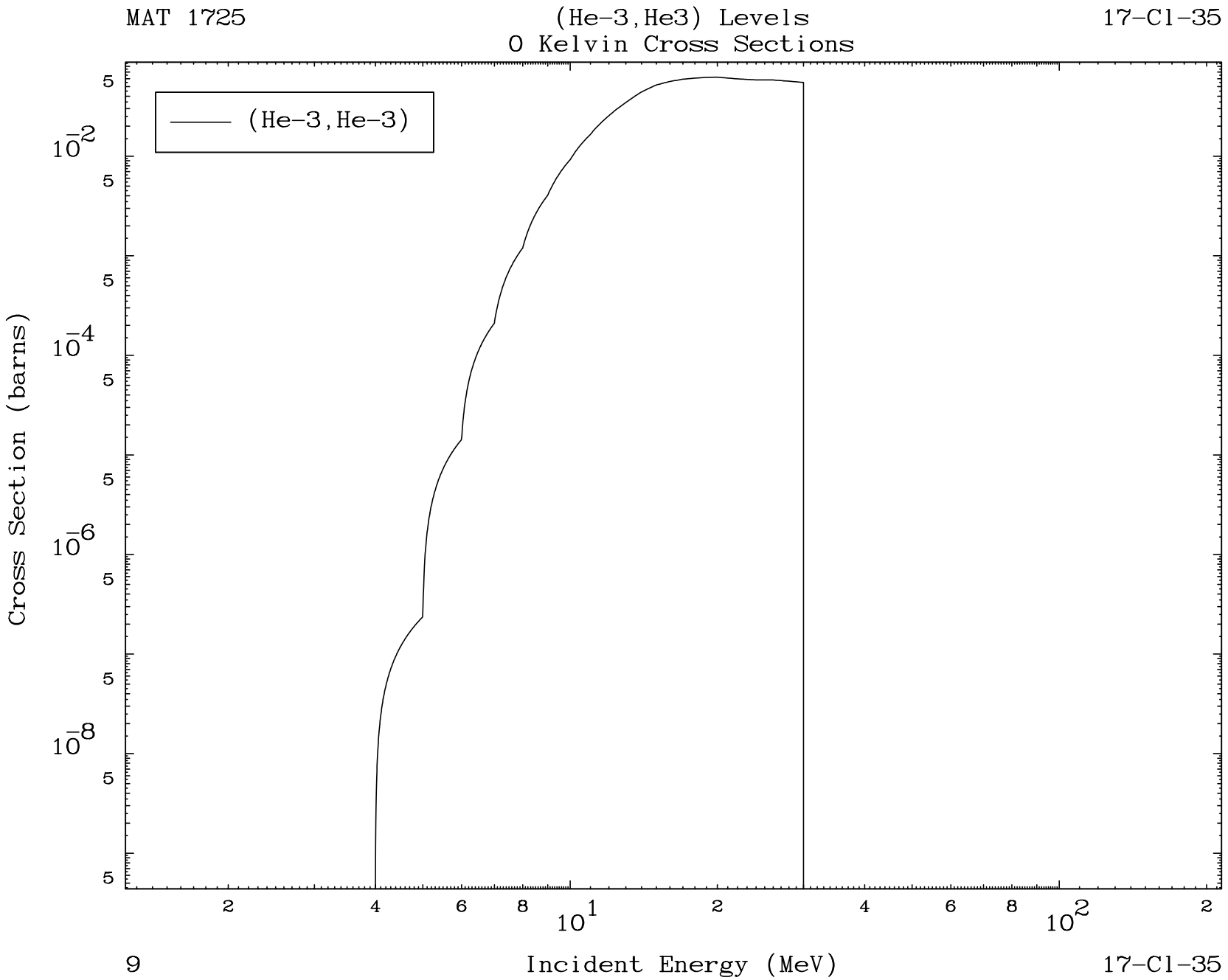

MAT 1725
He-3 Charged Particle
0 Kelvin Cross Sections
17-Cl-35
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,3α)
(He-3,2p)
(He-3,p) α
(He-3,d) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
4
17-Cl-35

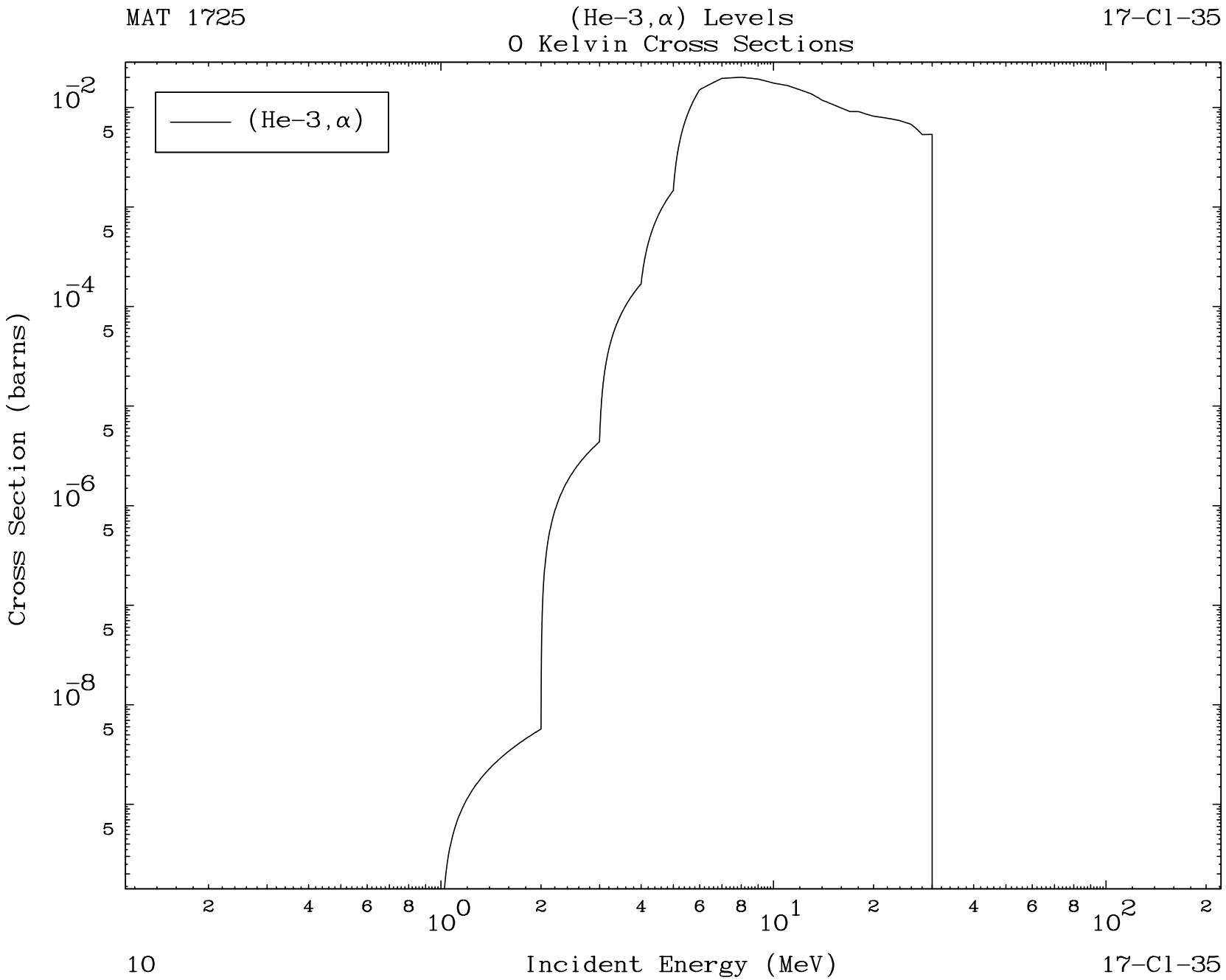

MAT 1725
(He-3,n') Level
17-Cl-35
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
10-4
10-6
10-8
10-10
100
101
102
Incident Energy (MeV)
5
17-Cl-35

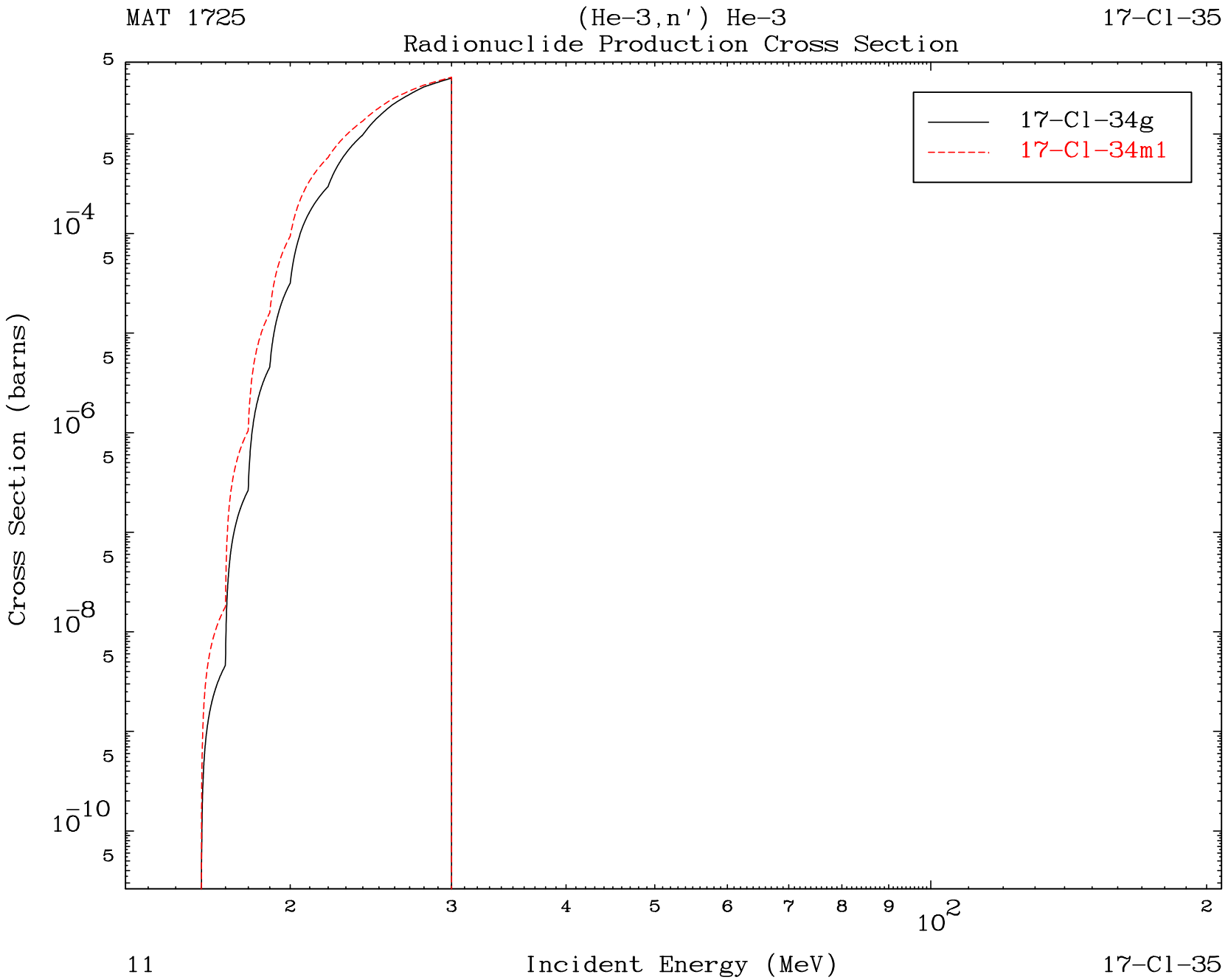

MAT 1725
(He-3,p) Levels
17-Cl-35
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
6
17-Cl-35

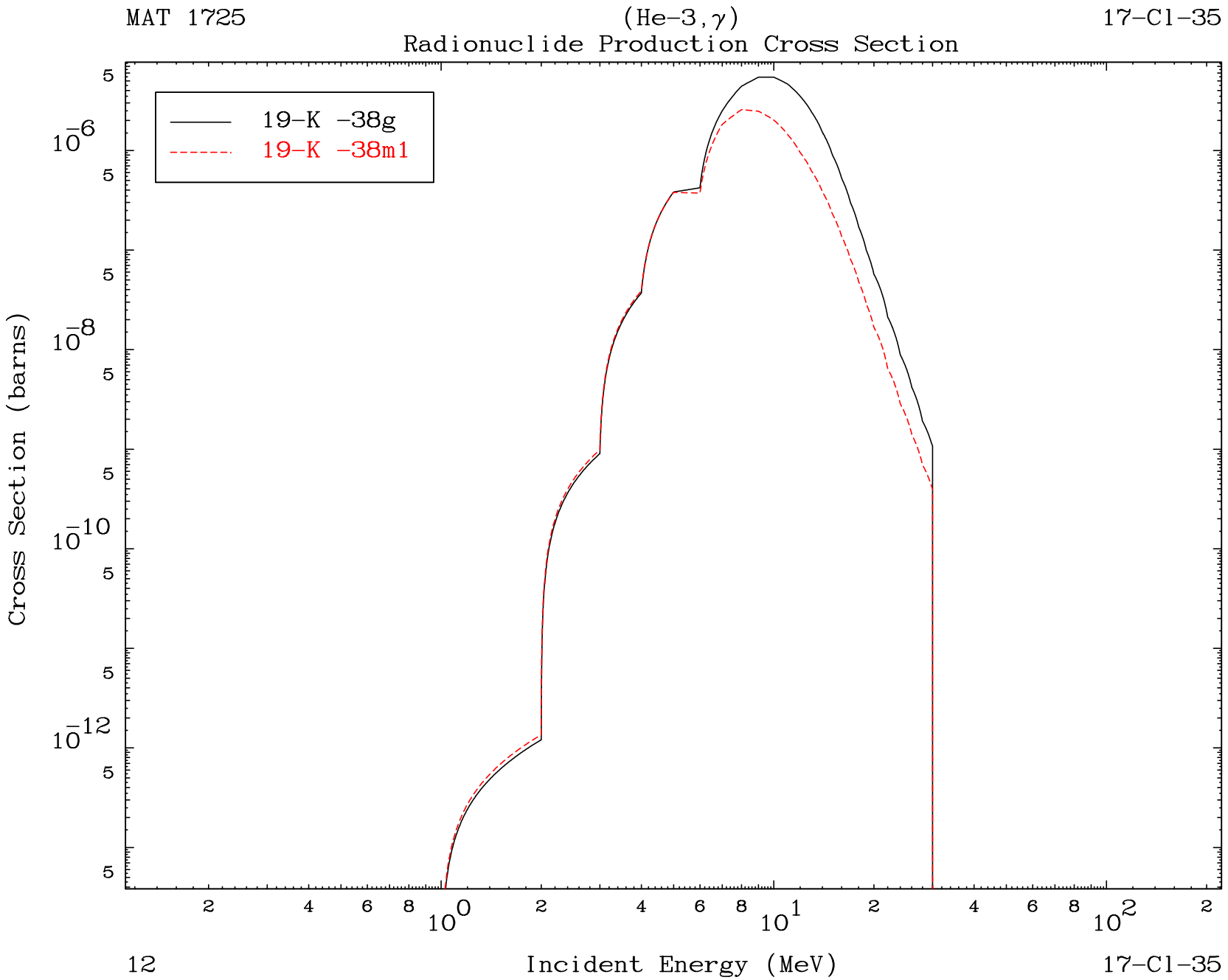

MAT 1725
(He-3,d) Levels
17-Cl-35
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
7
17-Cl-35

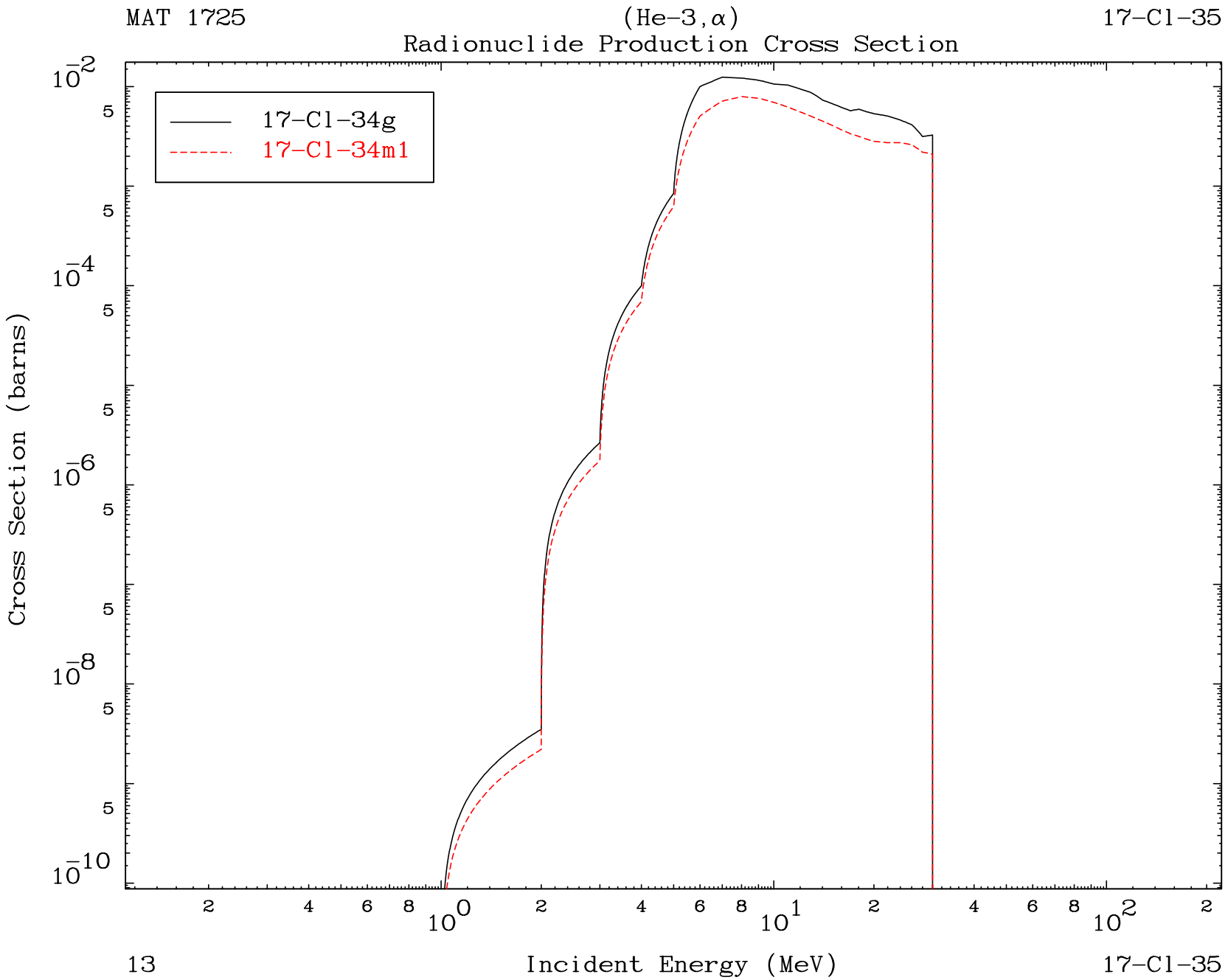

0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10-2
5
10-4
5
10-6
5
10-8
5
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)

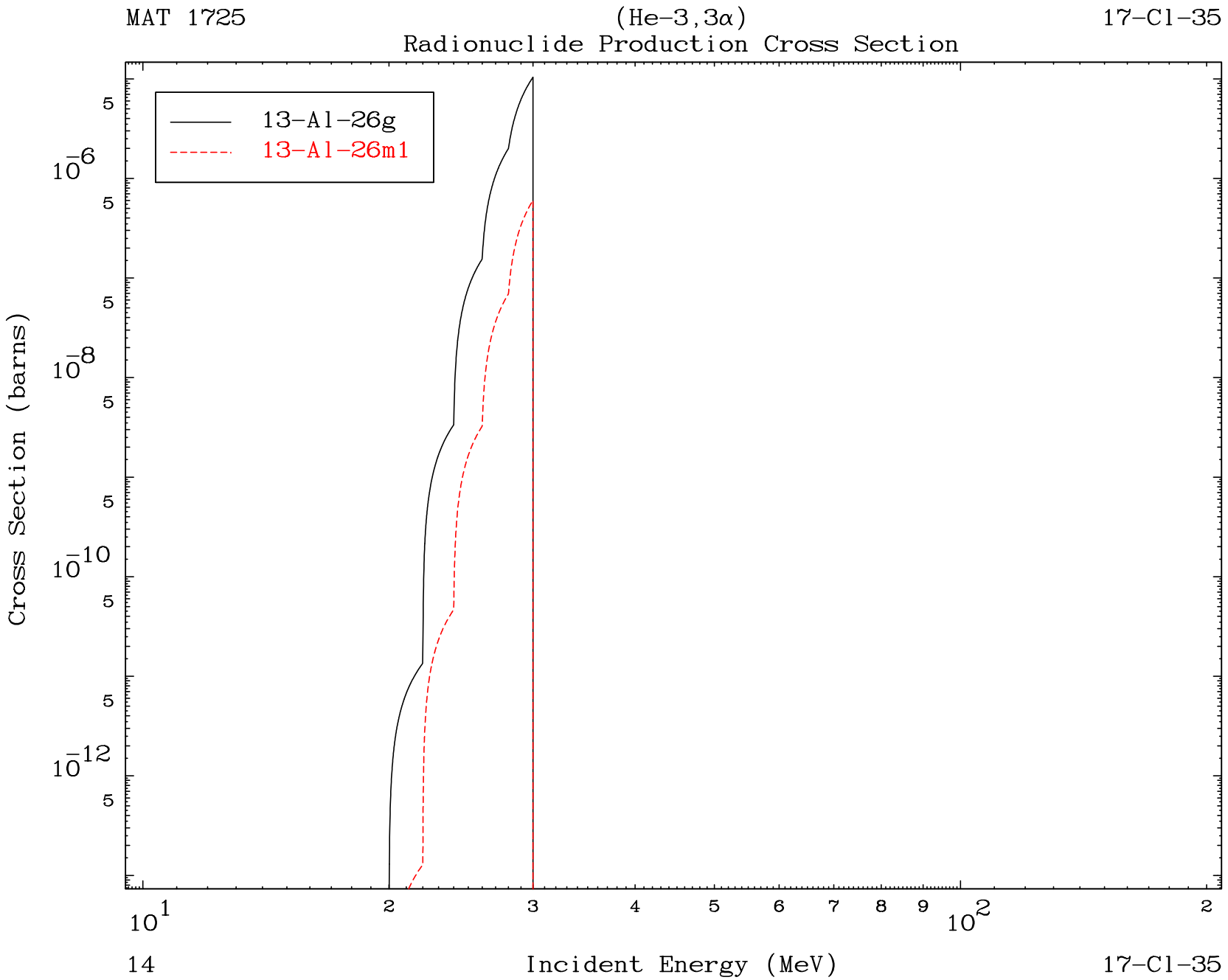

MAT 1725
(He-3,He3) Levels
17-Cl-35
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
17-Cl-35

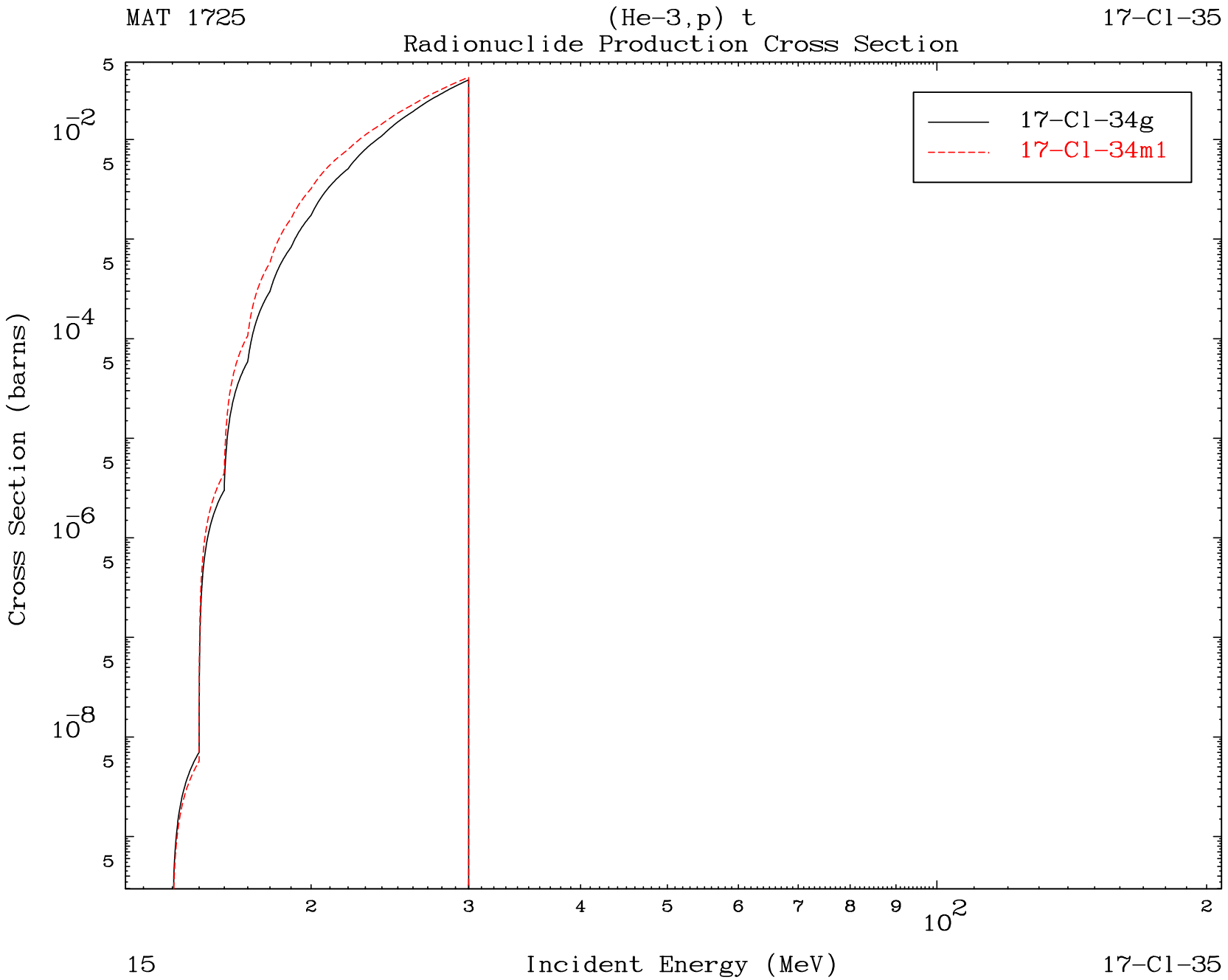

MAT 1725
(He-3,α) Levels
17-Cl-35
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
17-Cl-35
10


MAT 1725
(He-3,n') He-3
17-Cl-35
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
Incident Energy (MeV)
11
17-Cl-35


MAT 1725
(He-3,γ)
17-Cl-35
Radionuclide Production Cross Section
19-K -38g
19-K -38m1
Cross Section (barns)
Incident Energy (MeV)
12
17-Cl-35


MAT 1725
(He-3,α)
17-Cl-35
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
Incident Energy (MeV)
13
17-Cl-35


MAT 1725
(He-3,3α)
17-Cl-35
Radionuclide Production Cross Section
13-Al-26g
13-Al-26m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
14
17-Cl-35


MAT 1725
(He-3,p) t
17-Cl-35
Radionuclide Production Cross Section
17-Cl-34g
17-Cl-34m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
15
Incident Energy (MeV)
17-Cl-35