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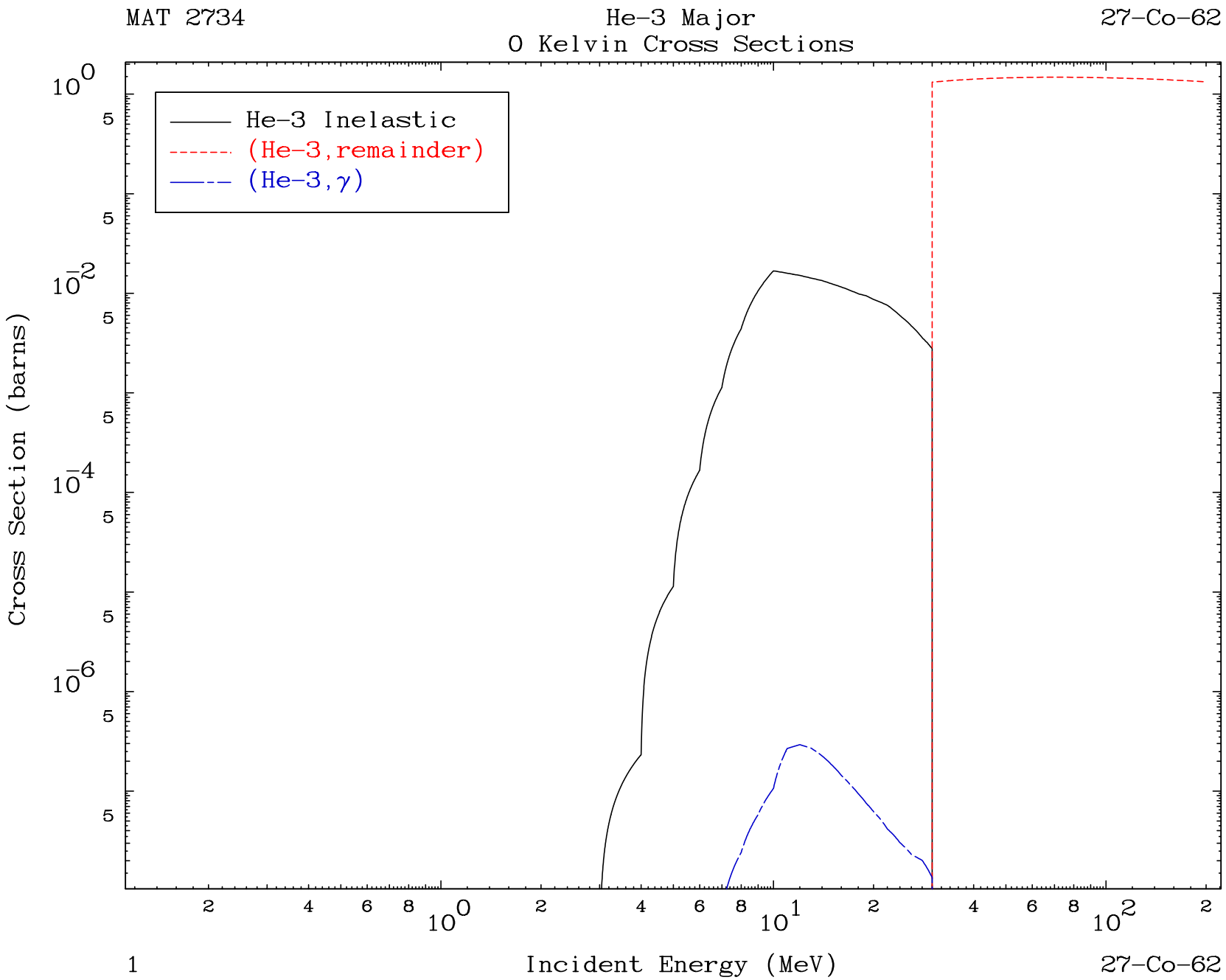
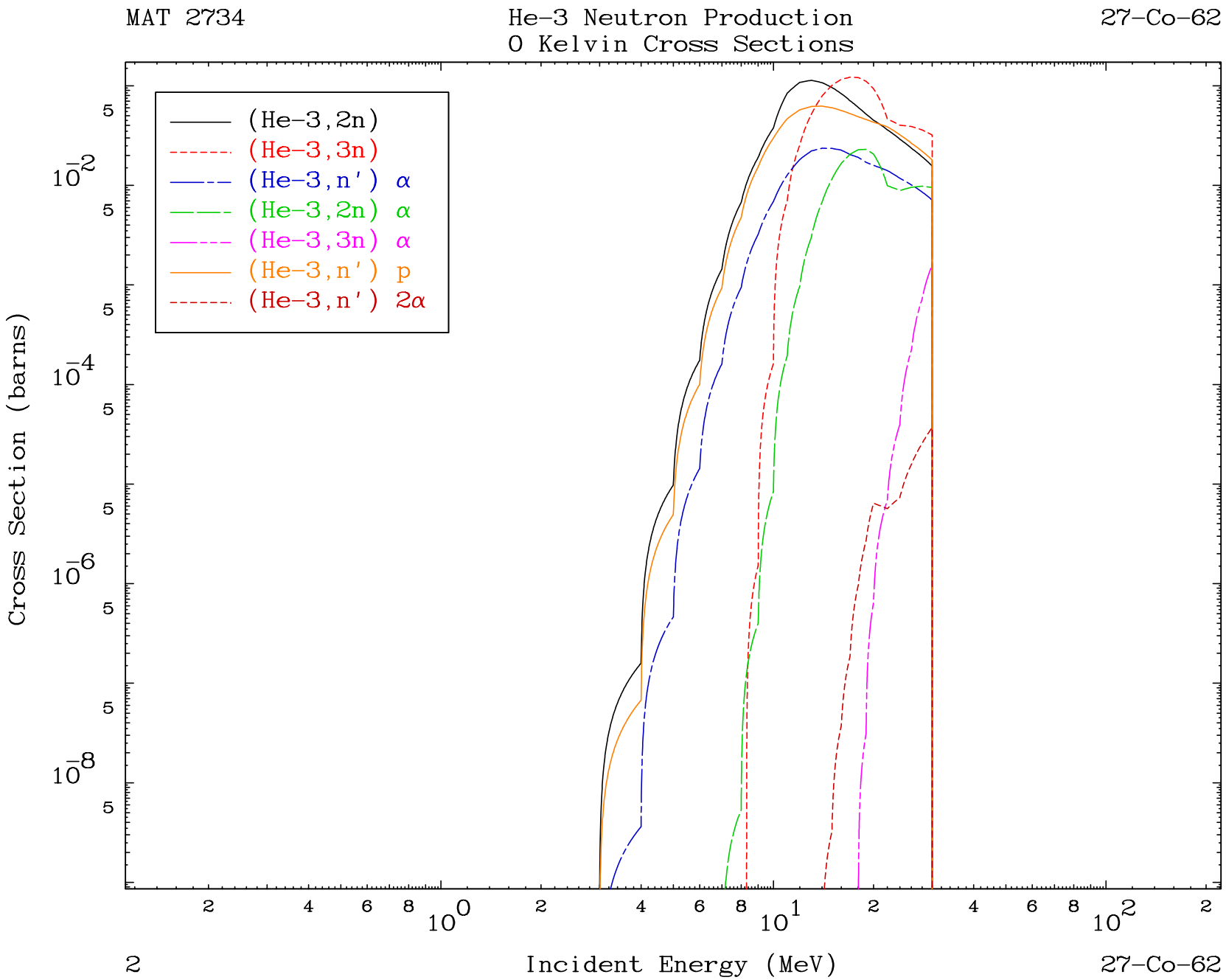
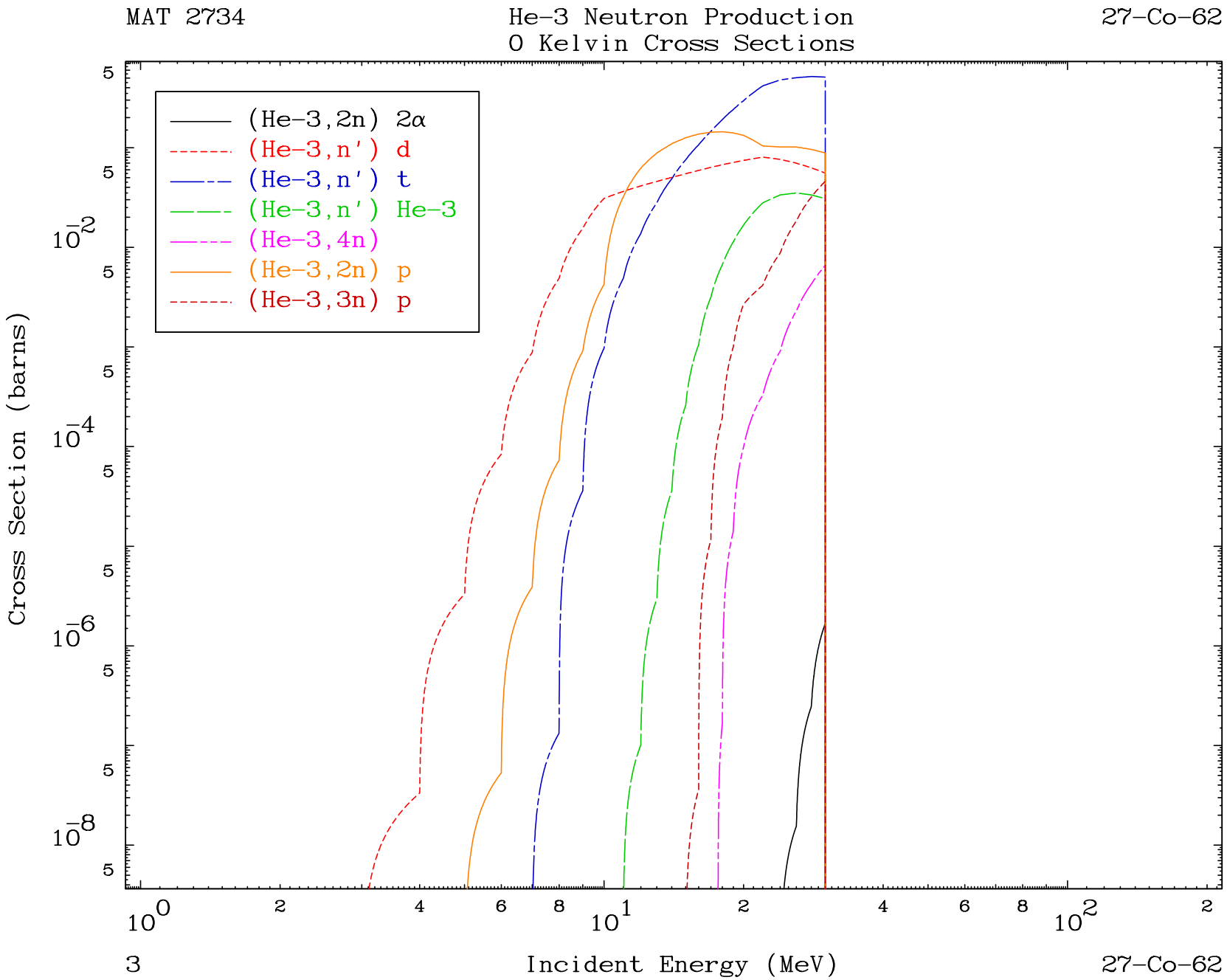
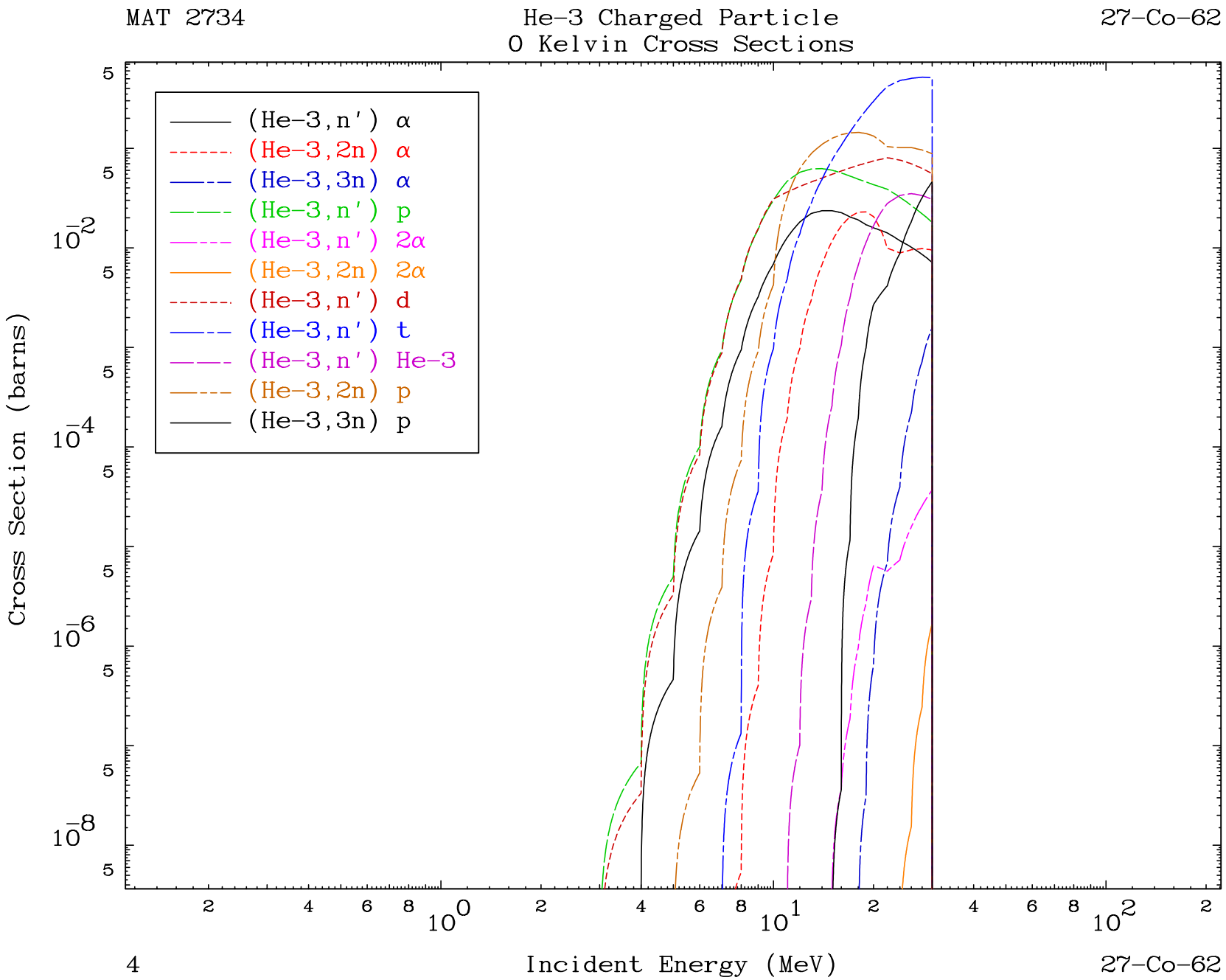
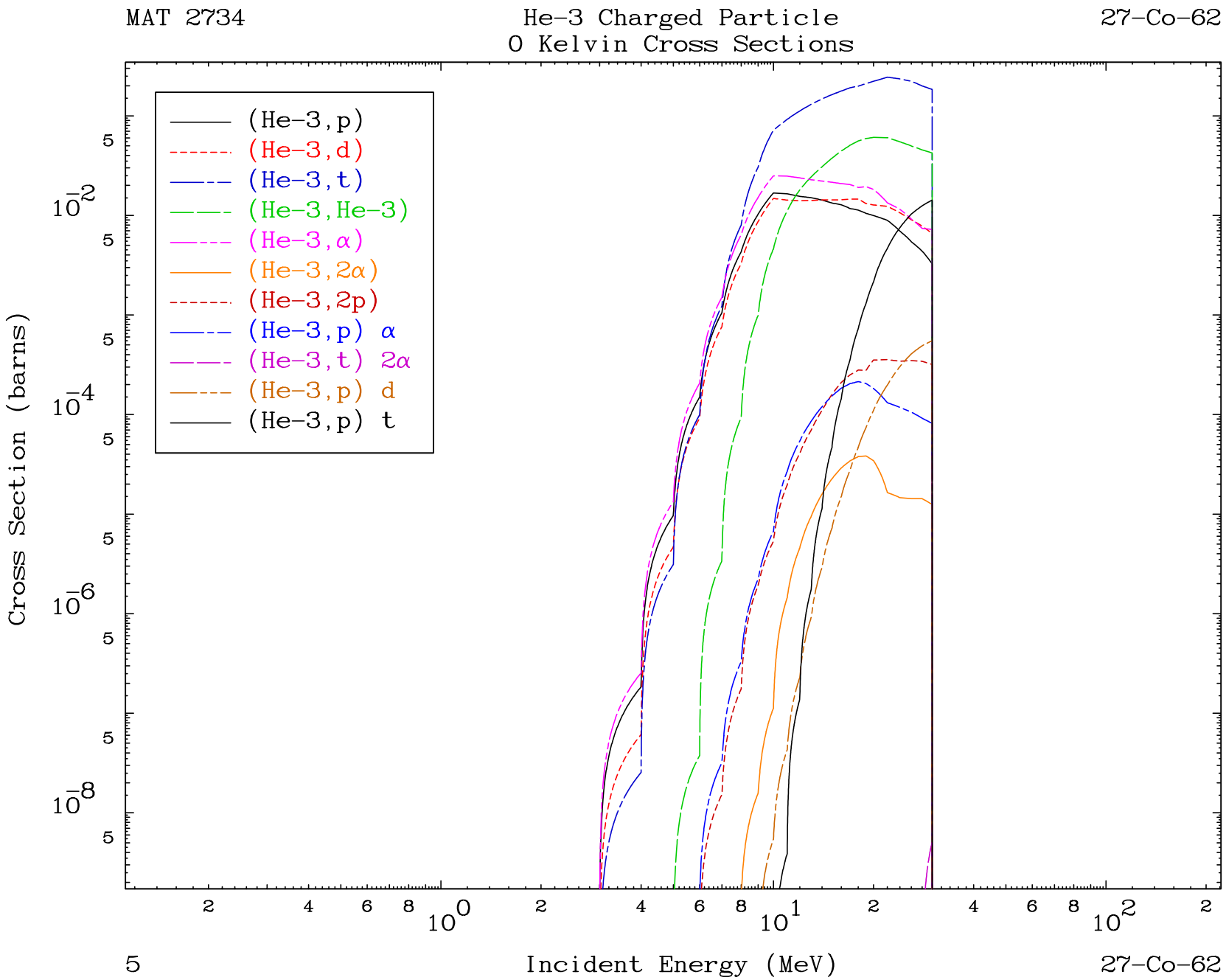
Press Mouse Button to Start

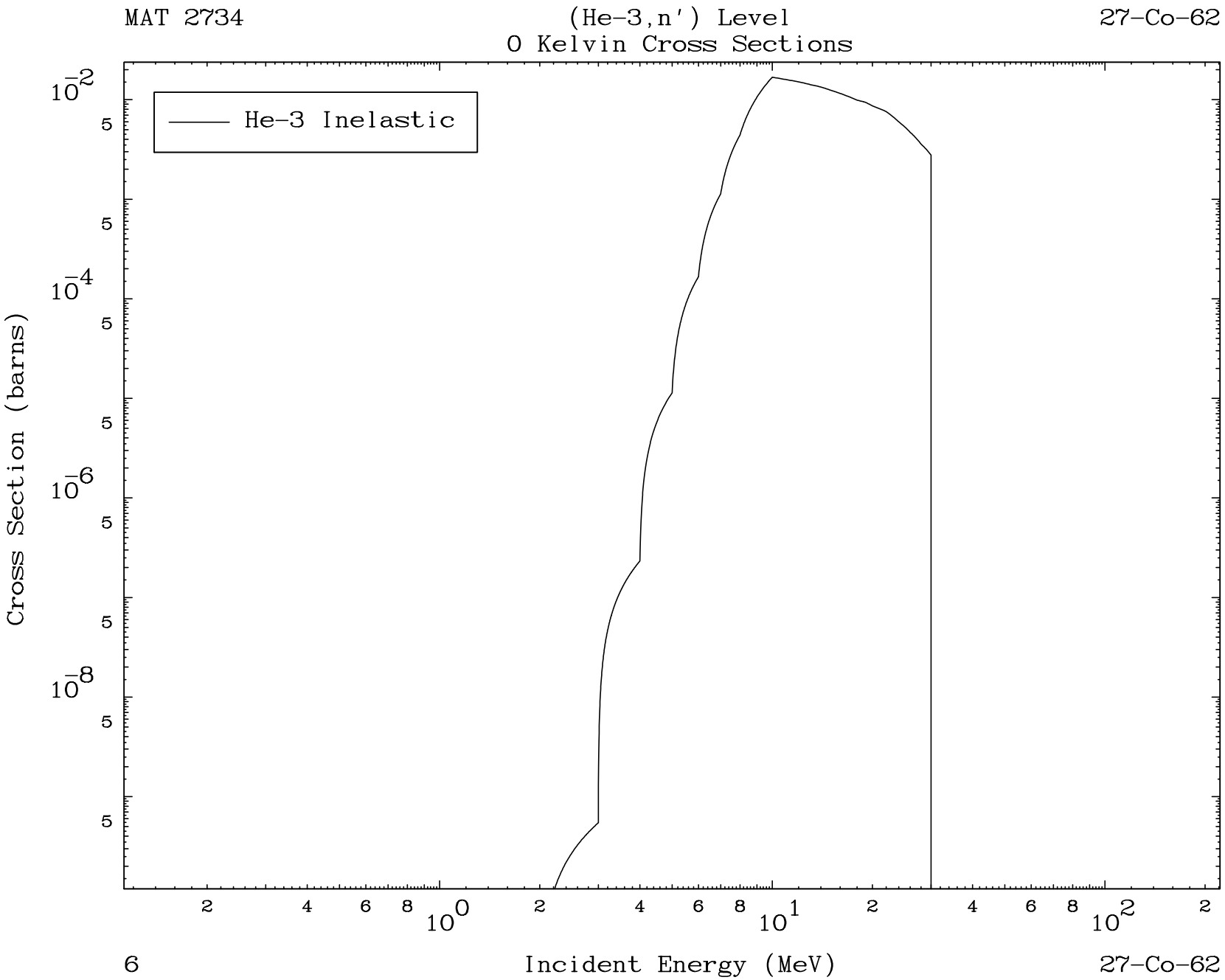

MAT 2734
He-3 Major
27-Co-62
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
(He-3,γ)
Cross Section (barns)
Incident Energy (MeV)
1
27-Co-62

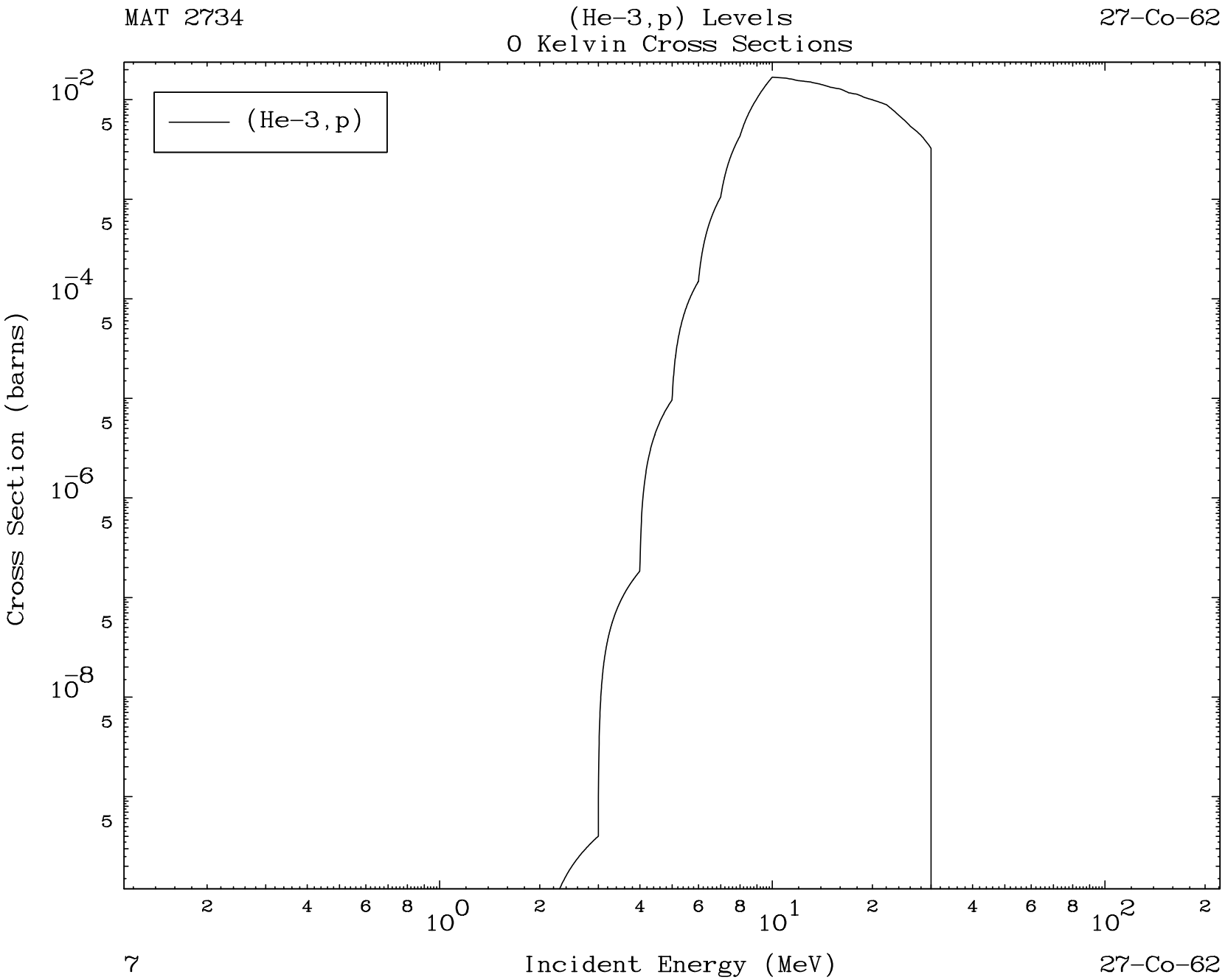

MAT 2734
He-3 Neutron Production
0 Kelvin Cross Sections
27-Co-62
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
Cross Section (barns)
Incident Energy (MeV)
27-Co-62
2

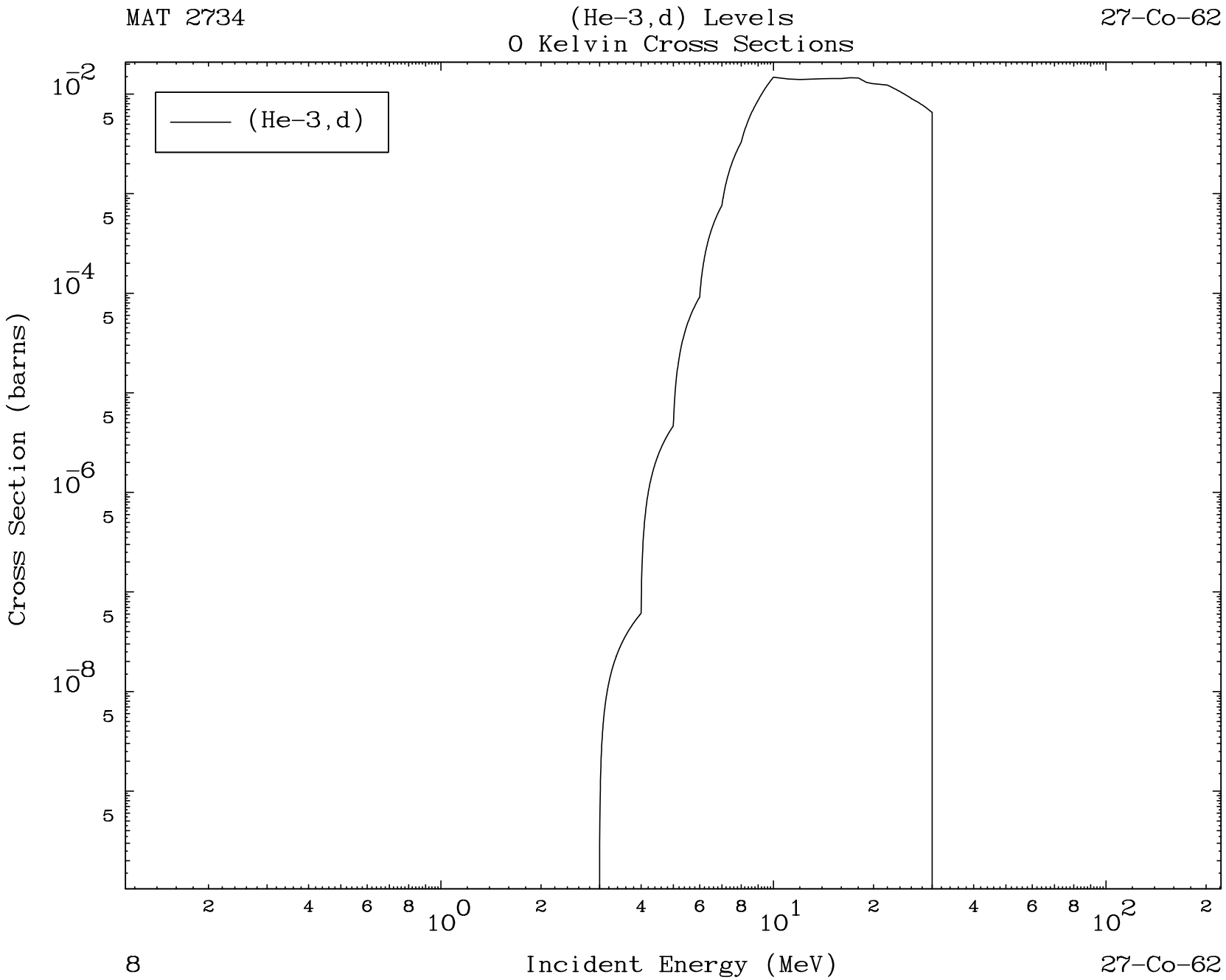

MAT 2734
He-3 Neutron Production
0 Kelvin Cross Sections
27-Co-62
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,4n)
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
3
27-Co-62

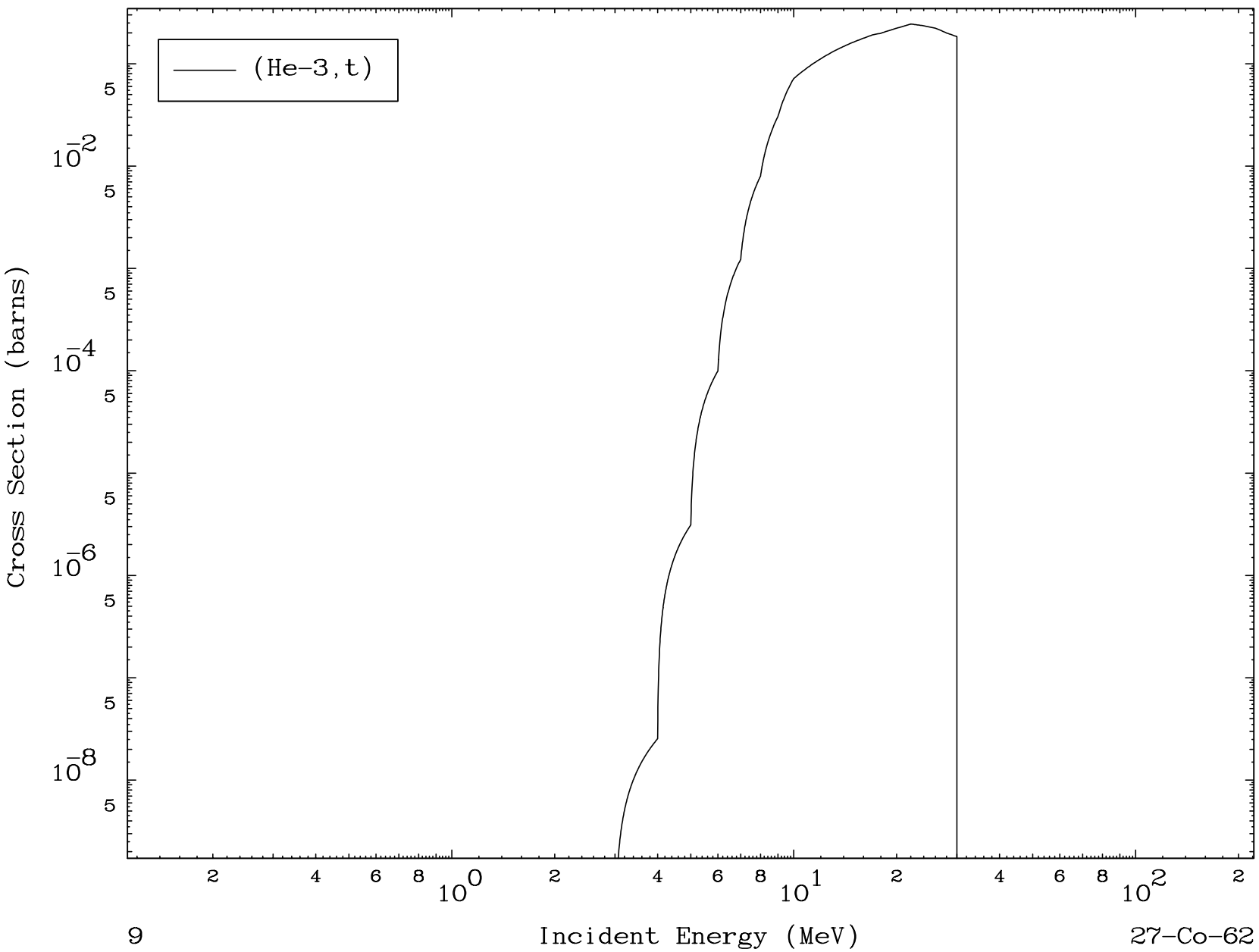

MAT 2734
He-3 Charged Particle
0 Kelvin Cross Sections
27-Co-62
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
(He-3,3n) p
Cross Section (barns)
Incident Energy (MeV)
4
27-Co-62

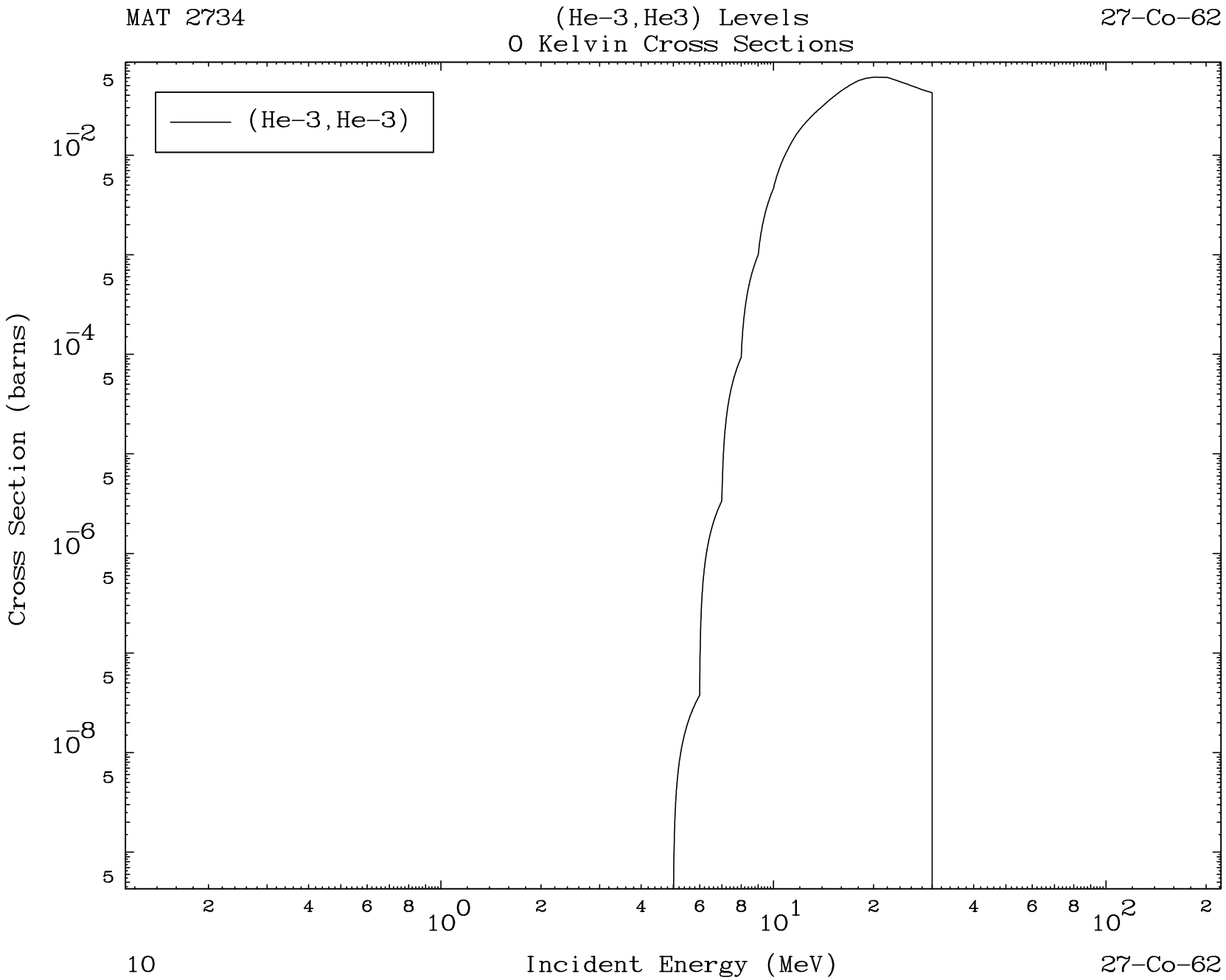

MAT 2734
He-3 Charged Particle
0 Kelvin Cross Sections
27-Co-62
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2α)
(He-3,2p)
(He-3,p) α
(He-3,t) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
5
27-Co-62

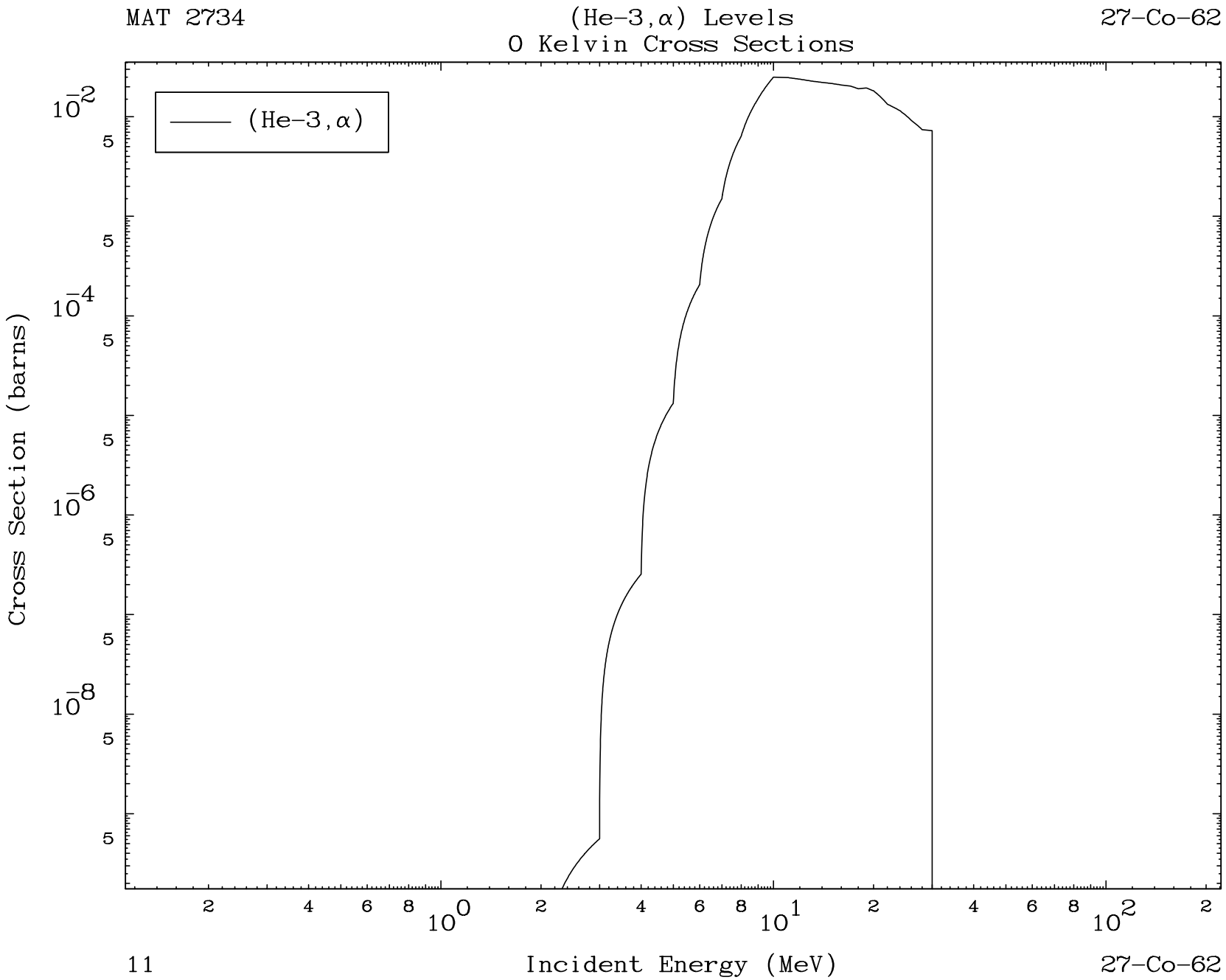

MAT 2734
(He-3,n') Level
27-Co-62
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
27-Co-62

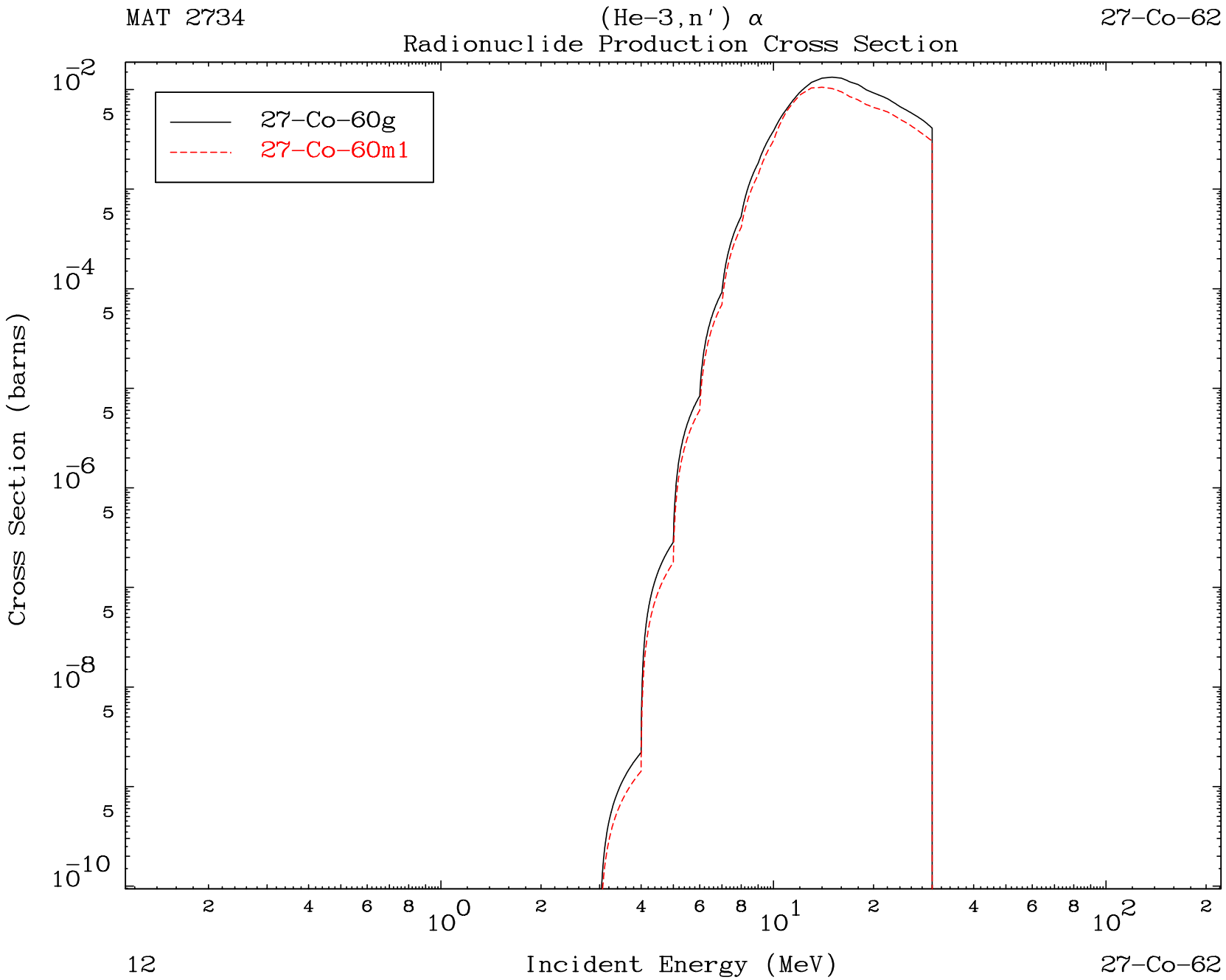

MAT 2734
(He-3,p) Levels
27-Co-62
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
27-Co-62

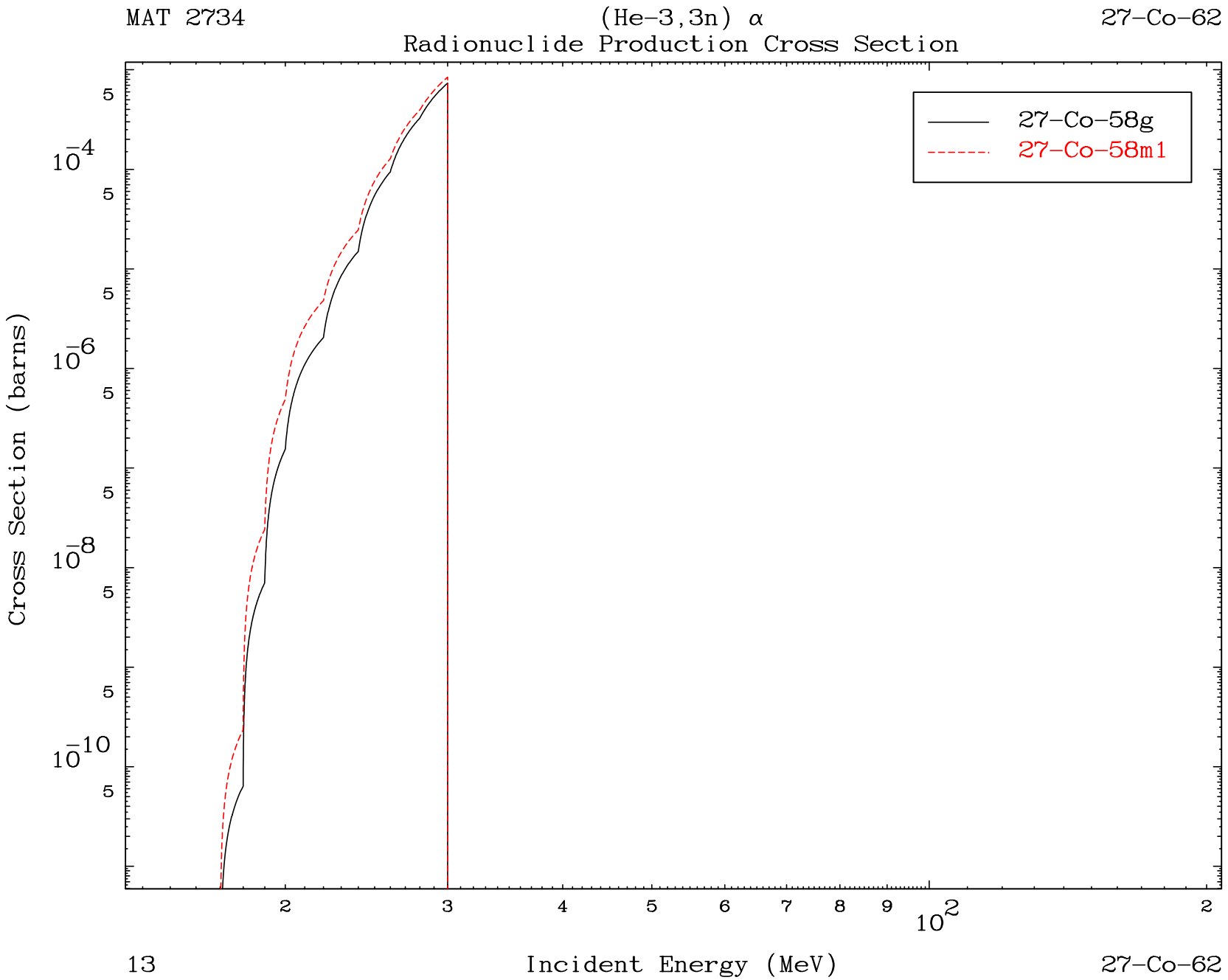

MAT 2734
(He-3,d) Levels
27-Co-62
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
8
27-Co-62

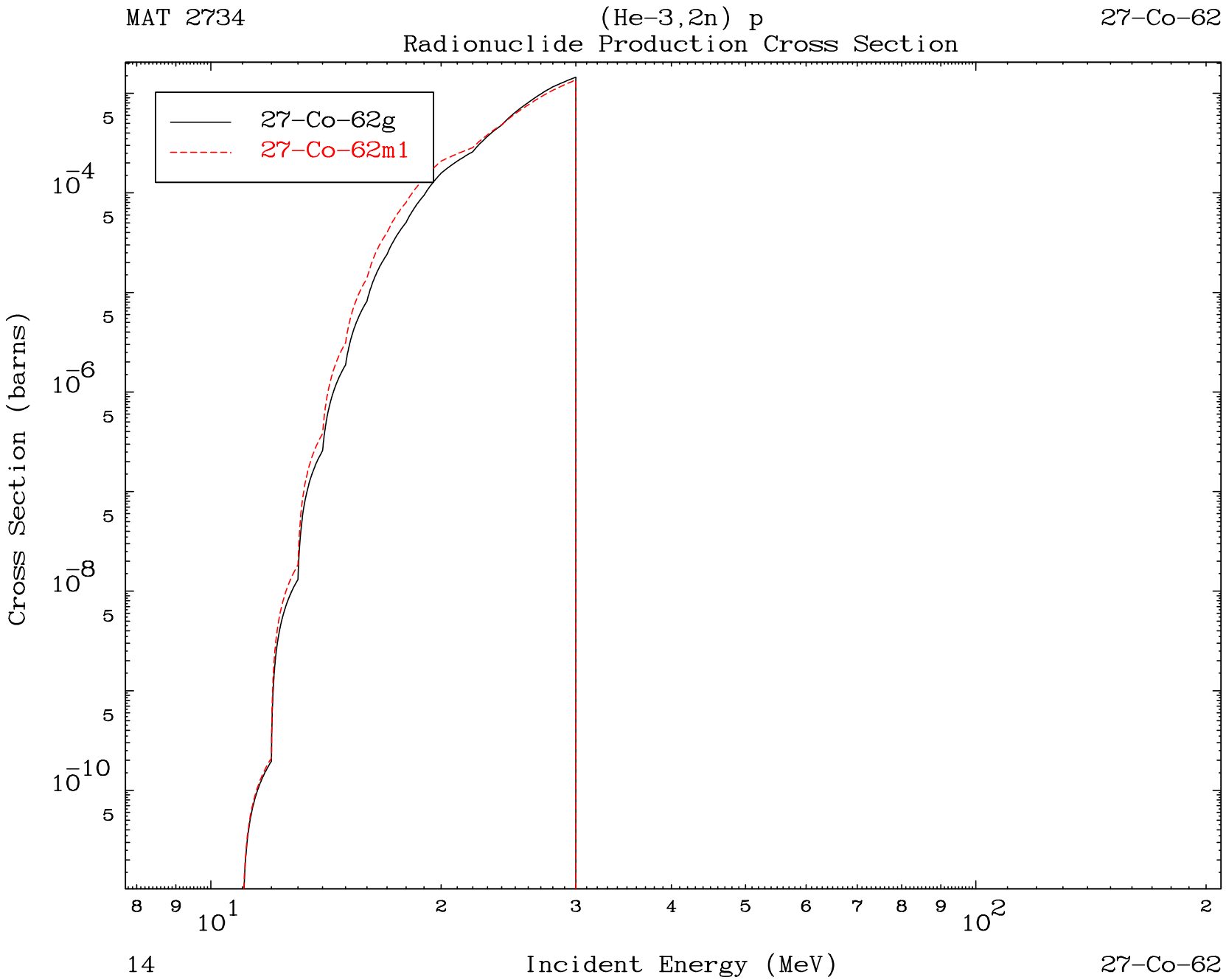

0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
10-2
10-4
10-6
10-8
100
101
102
Incident Energy (MeV)

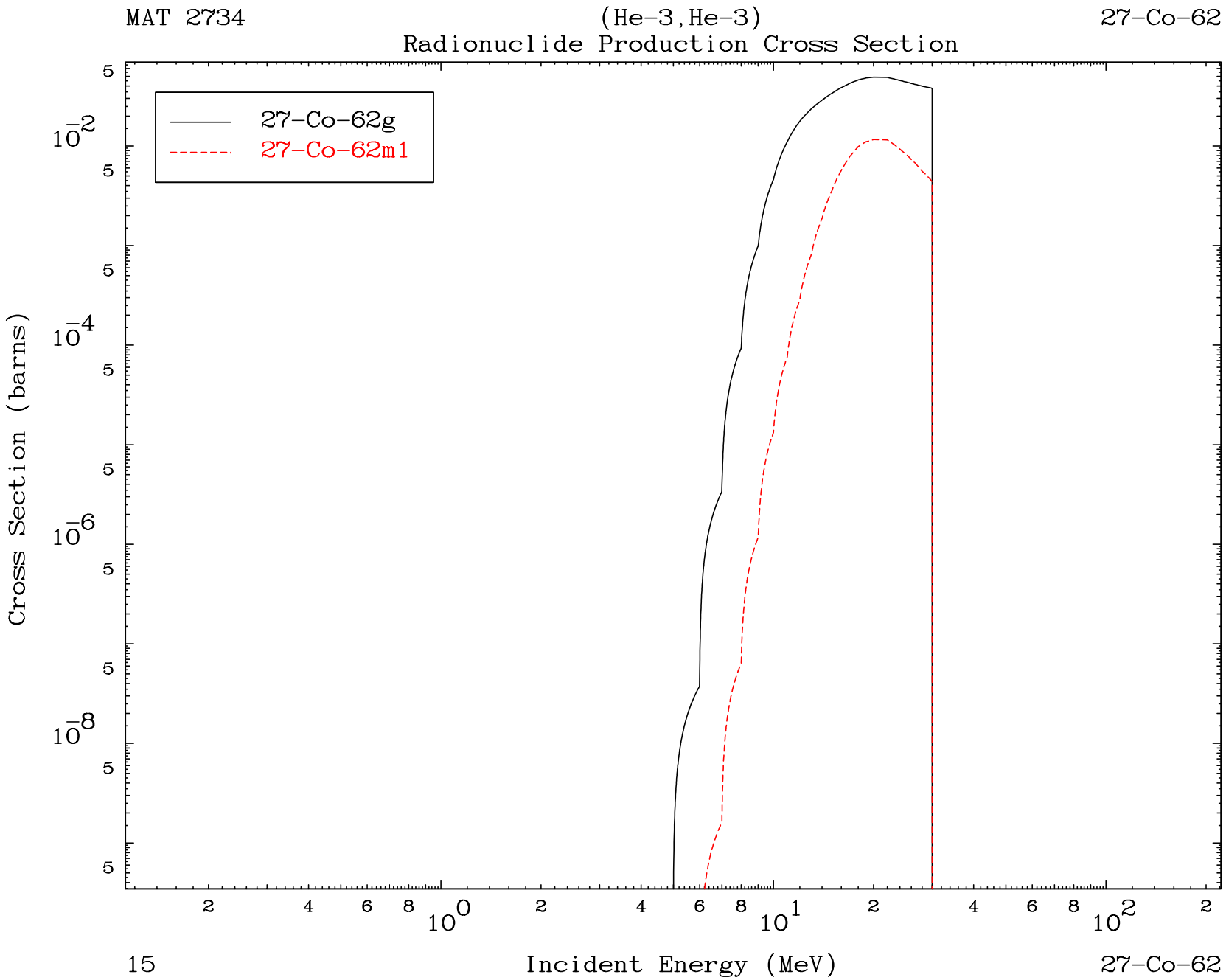

MAT 2734
(He-3,He3) Levels
27-Co-62
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
27-Co-62

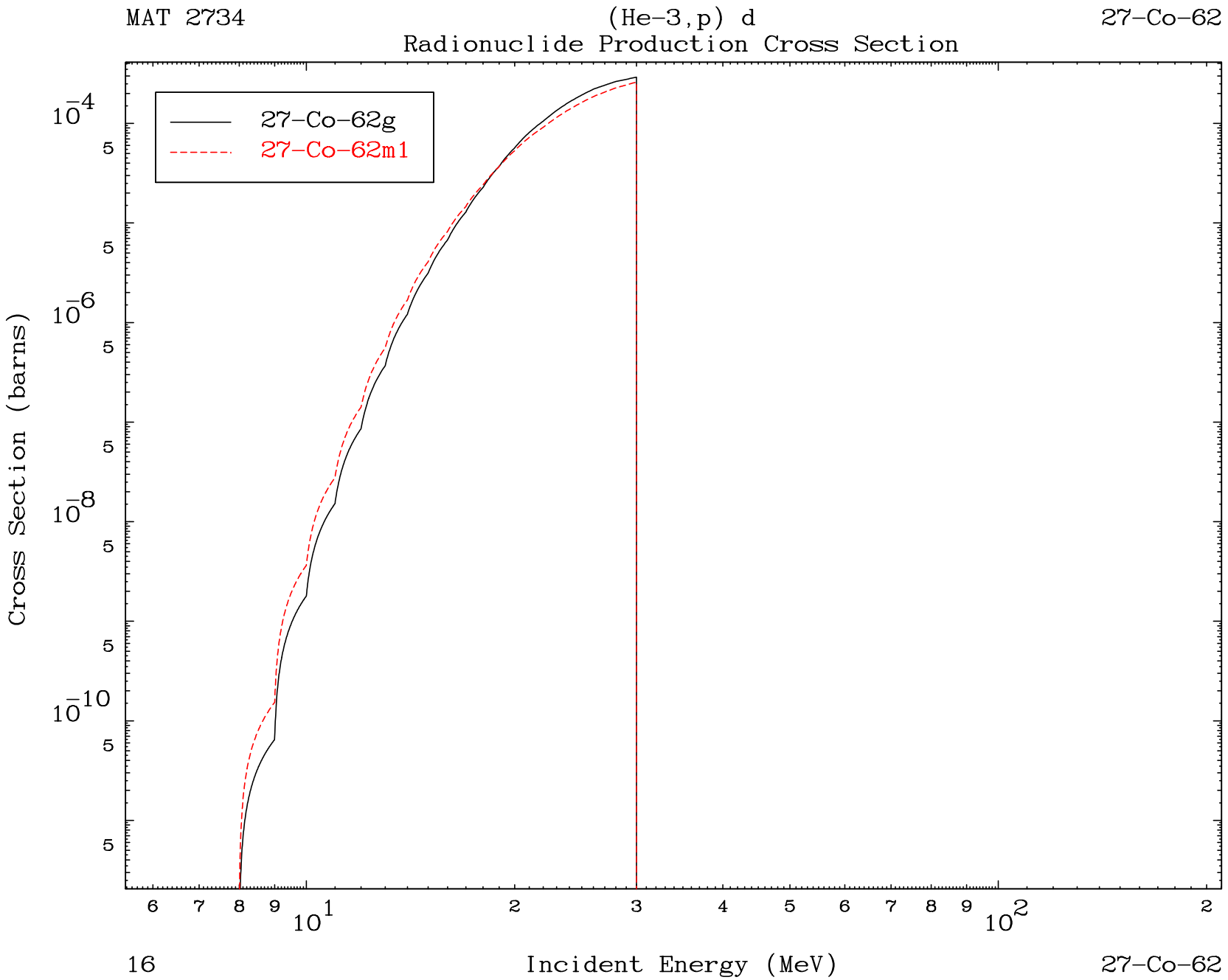

MAT 2734
(He-3,α) Levels
27-Co-62
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
11
Incident Energy (MeV)
27-Co-62


MAT 2734
(He-3,n') α
27-Co-62
Radionuclide Production Cross Section
27-Co-60g
27-Co-60m1
Cross Section (barns)
Incident Energy (MeV)
12
27-Co-62


MAT 2734
(He-3,3n) α
27-Co-62
Radionuclide Production Cross Section
27-Co-58g
27-Co-58m1
Cross Section (barns)
10-4
10-6
10-8
10-10
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
27-Co-62


MAT 2734
(He-3,2n) p
27-Co-62
Radionuclide Production Cross Section
27-Co-62g
27-Co-62m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
14
27-Co-62


MAT 2734
(He-3,He-3)
27-Co-62
Radionuclide Production Cross Section
27-Co-62g
27-Co-62m1
Cross Section (barns)
Incident Energy (MeV)
15
27-Co-62


MAT 2734
(He-3,p) d
27-Co-62
Radionuclide Production Cross Section
27-Co-62g
27-Co-62m1
Cross Section (barns)
Incident Energy (MeV)
16
27-Co-62