Program EVALPLOT
(Version 2021-1)
by
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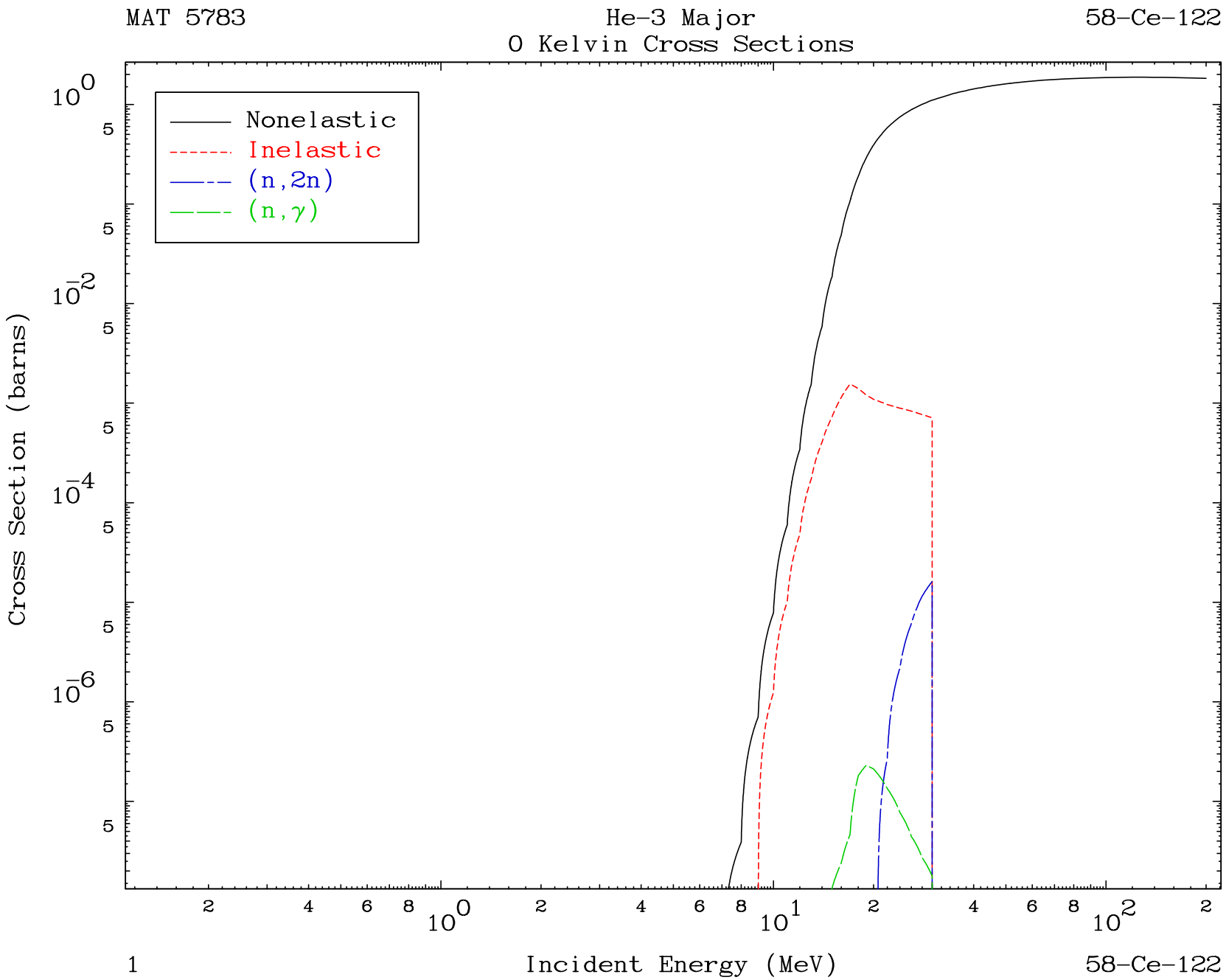
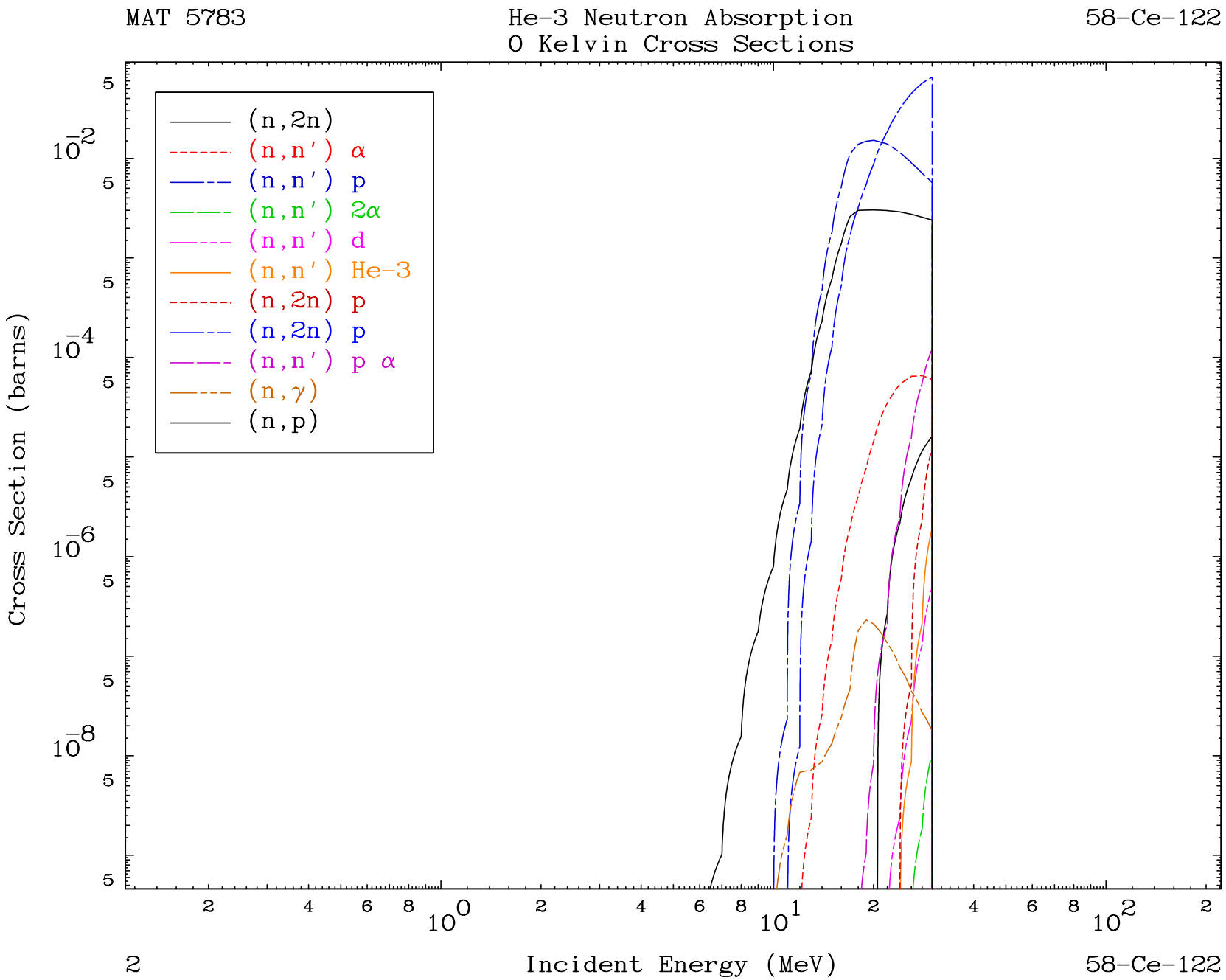
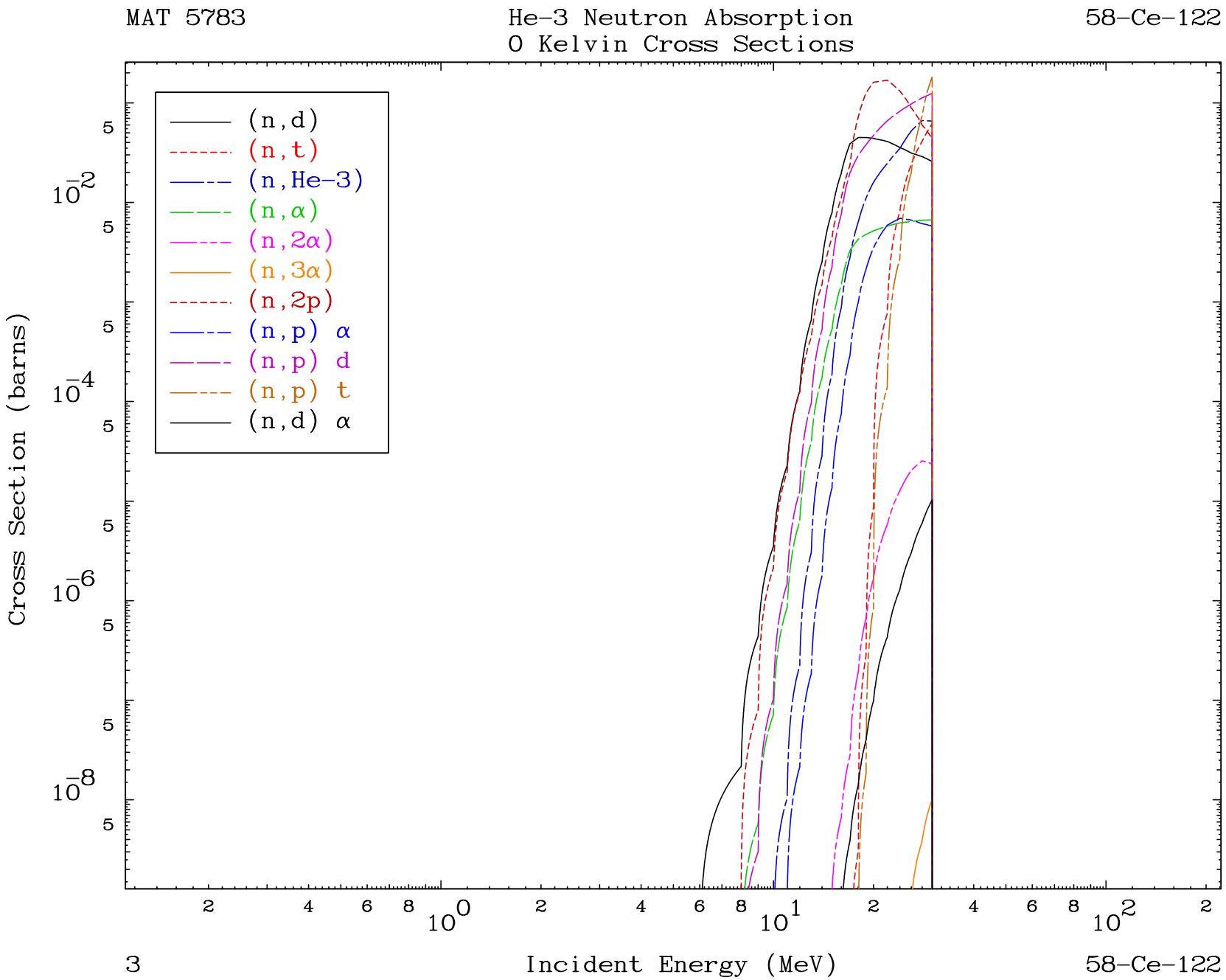
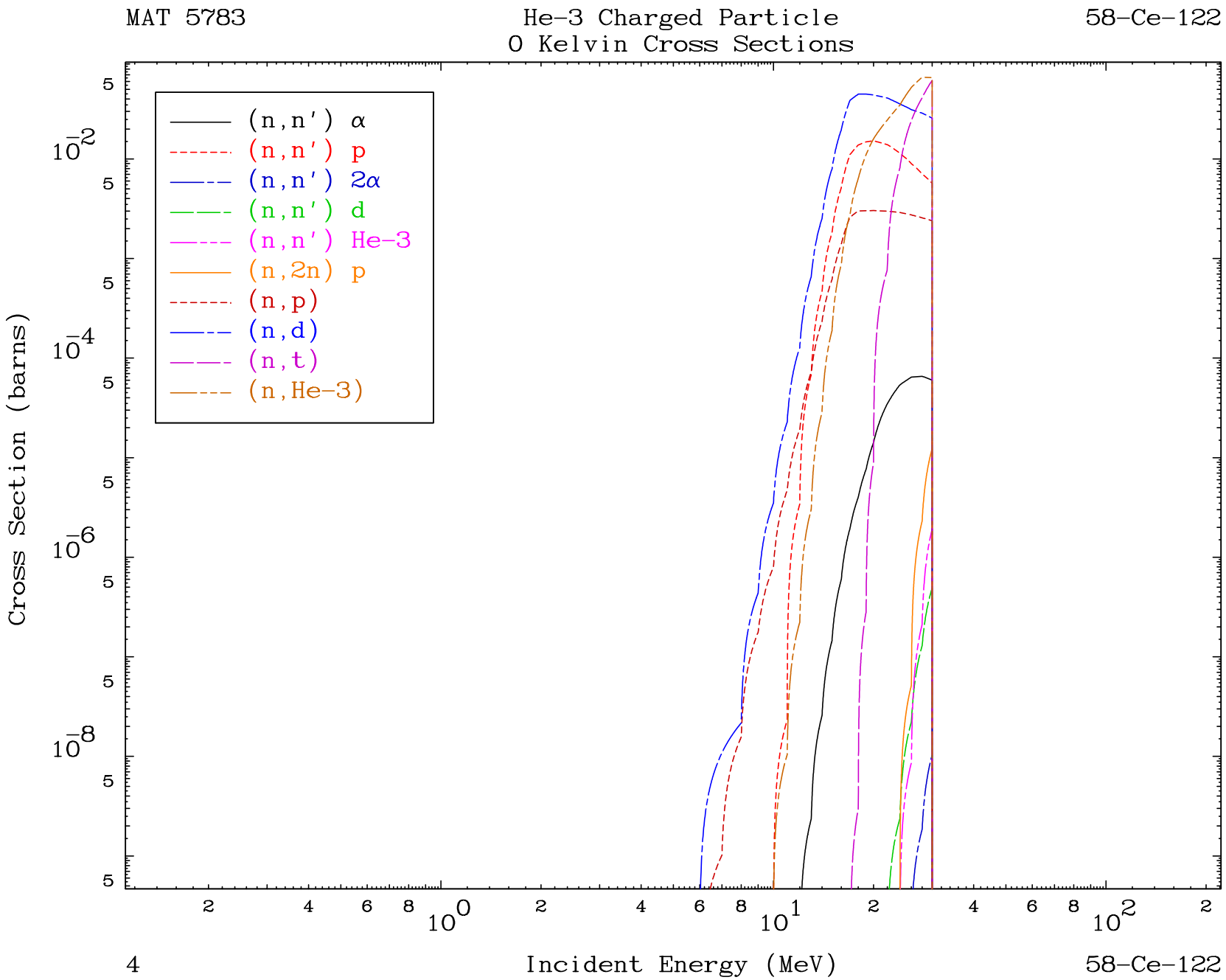
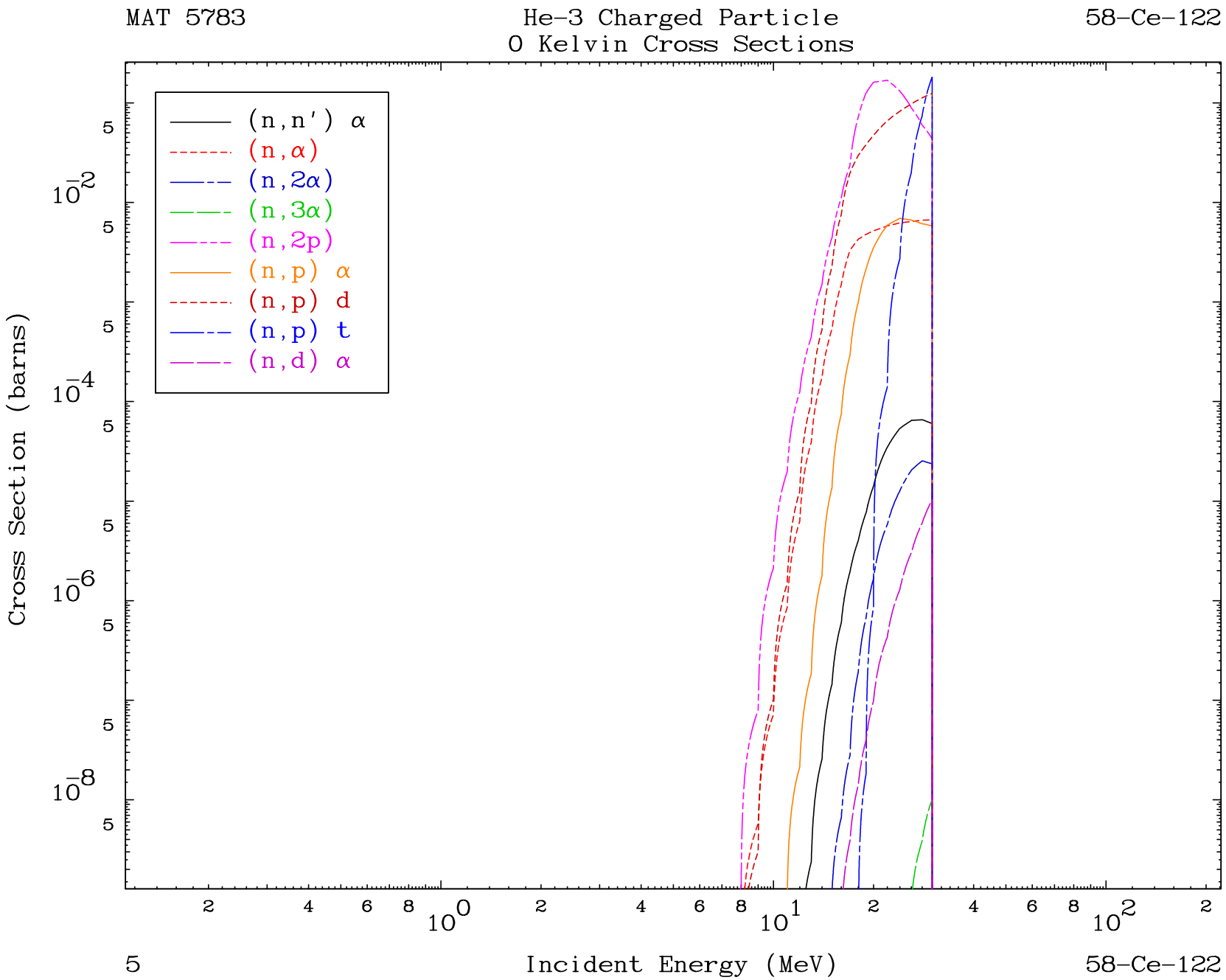
Press Mouse Button to Start

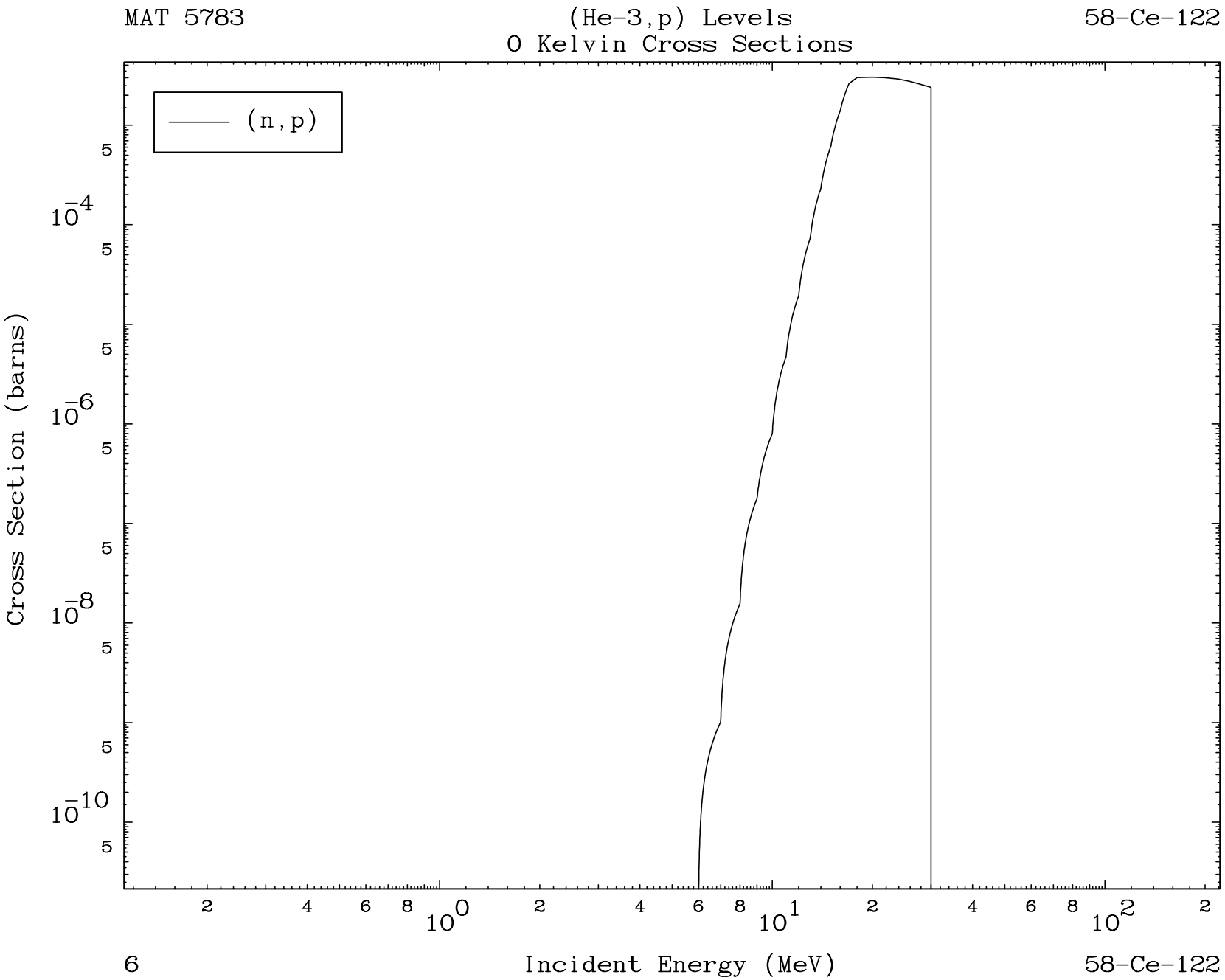

MAT 5783
He-3 Major
58-Ce-122
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
58-Ce-122

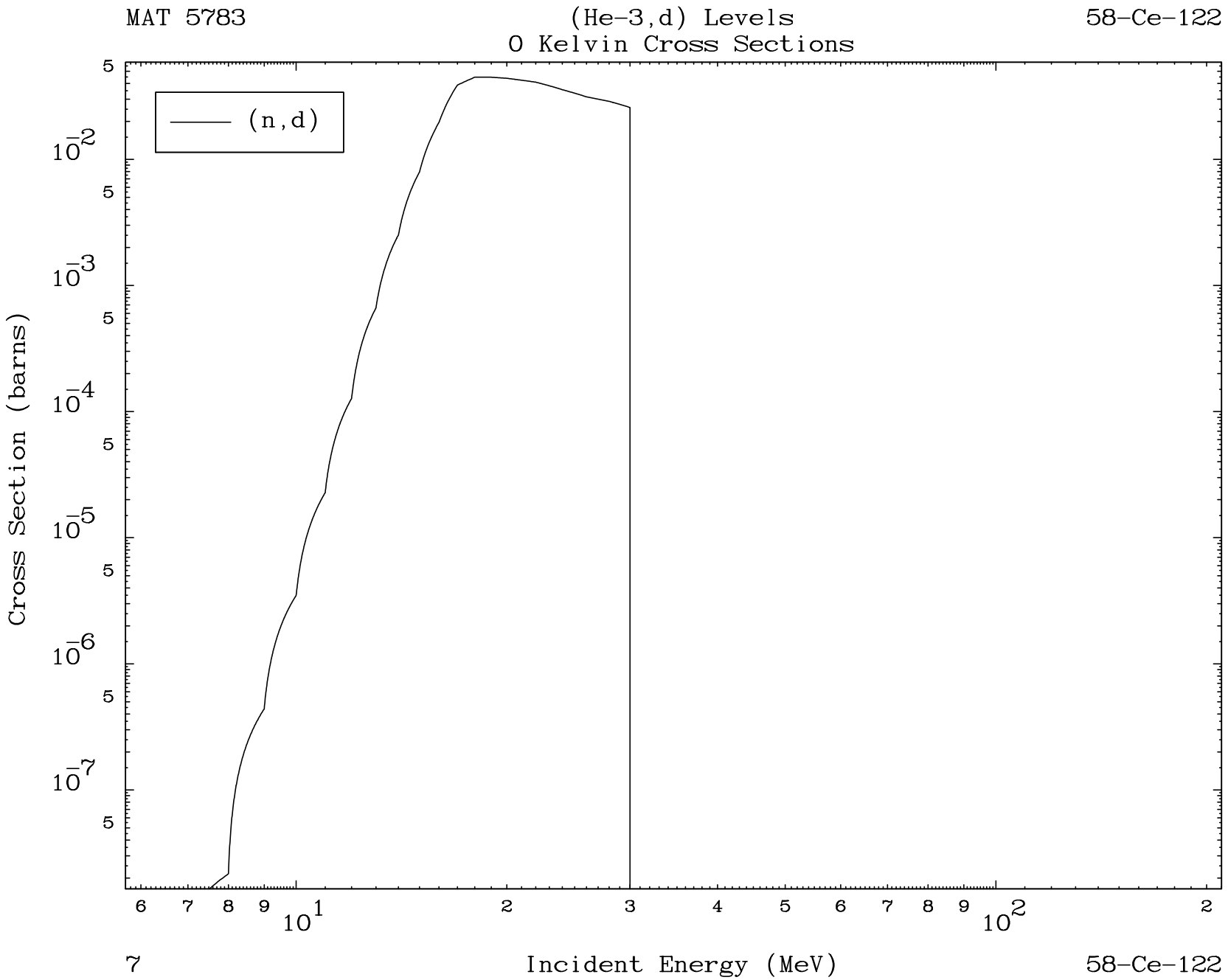

MAT 5783
He-3 Neutron Absorption
0 Kelvin Cross Sections
58-Ce-122
(n,2n)
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
Cross Section (barns)
Incident Energy (MeV)
58-Ce-122
2

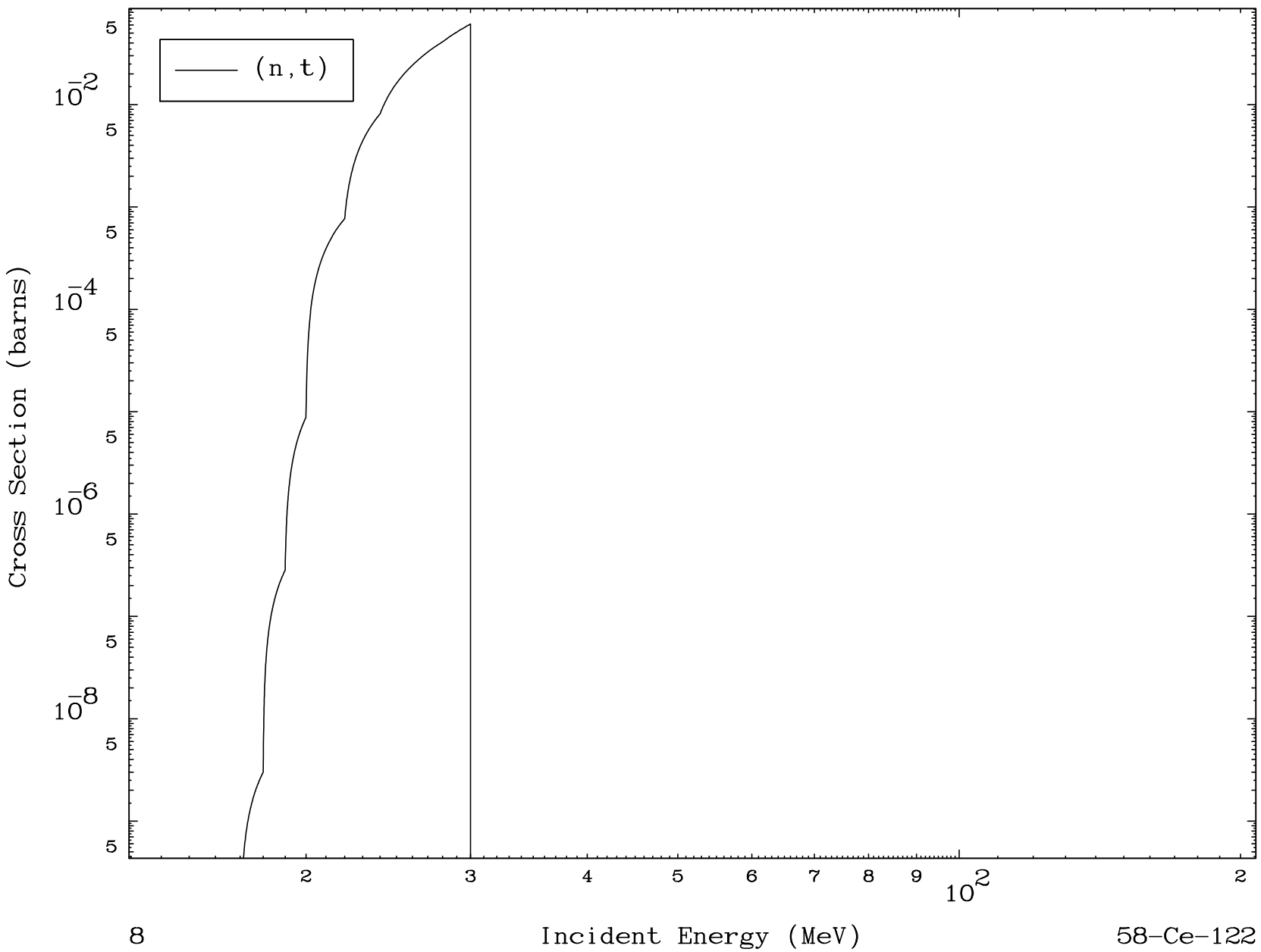

MAT 5783
He-3 Neutron Absorption
0 Kelvin Cross Sections
58-Ce-122
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
58-Ce-122

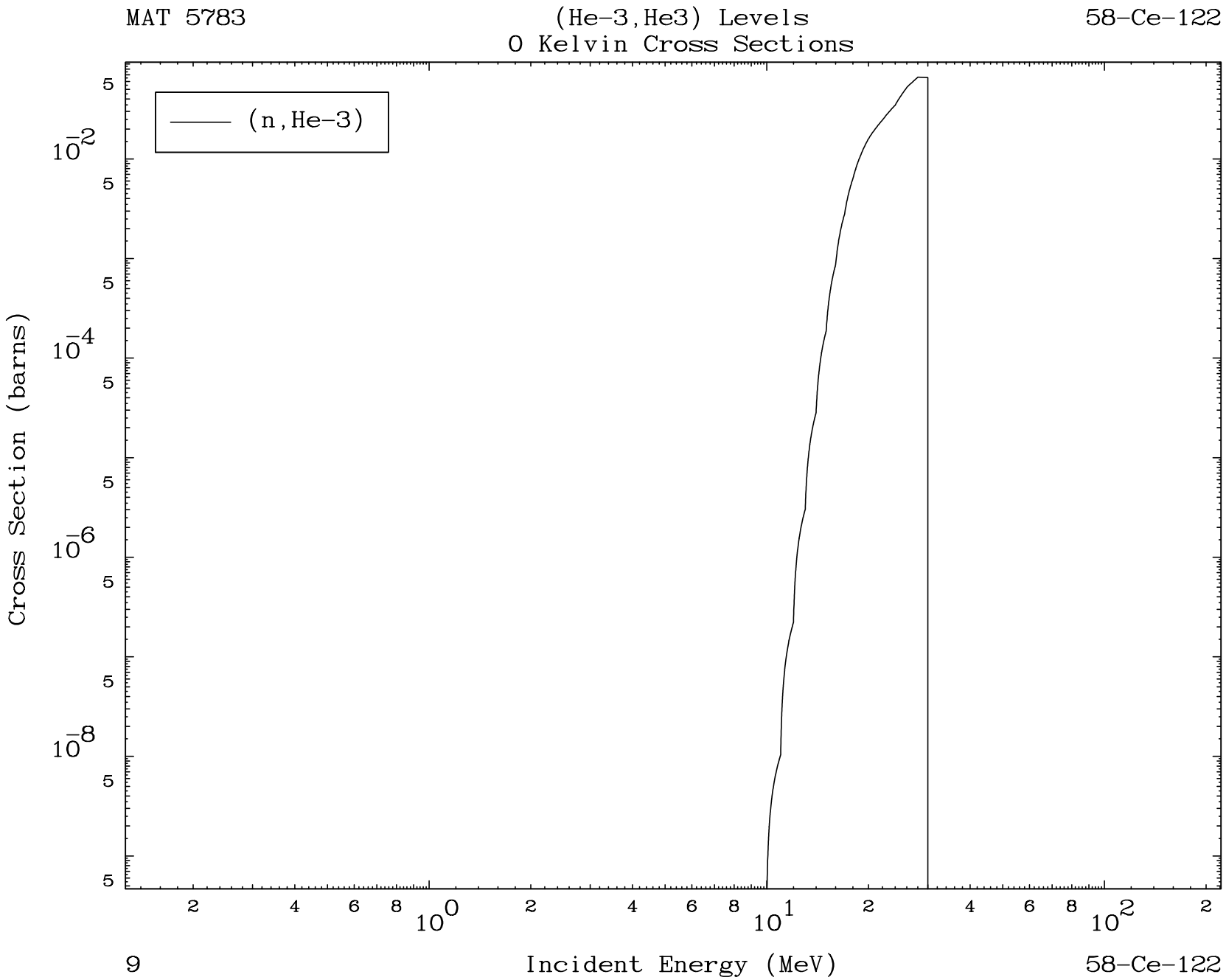

MAT 5783
He-3 Charged Particle
0 Kelvin Cross Sections
58-Ce-122
(n,n') α
(n,n') p
(n,n') 2α
(n,n') d
(n,n') He-3
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
58-Ce-122

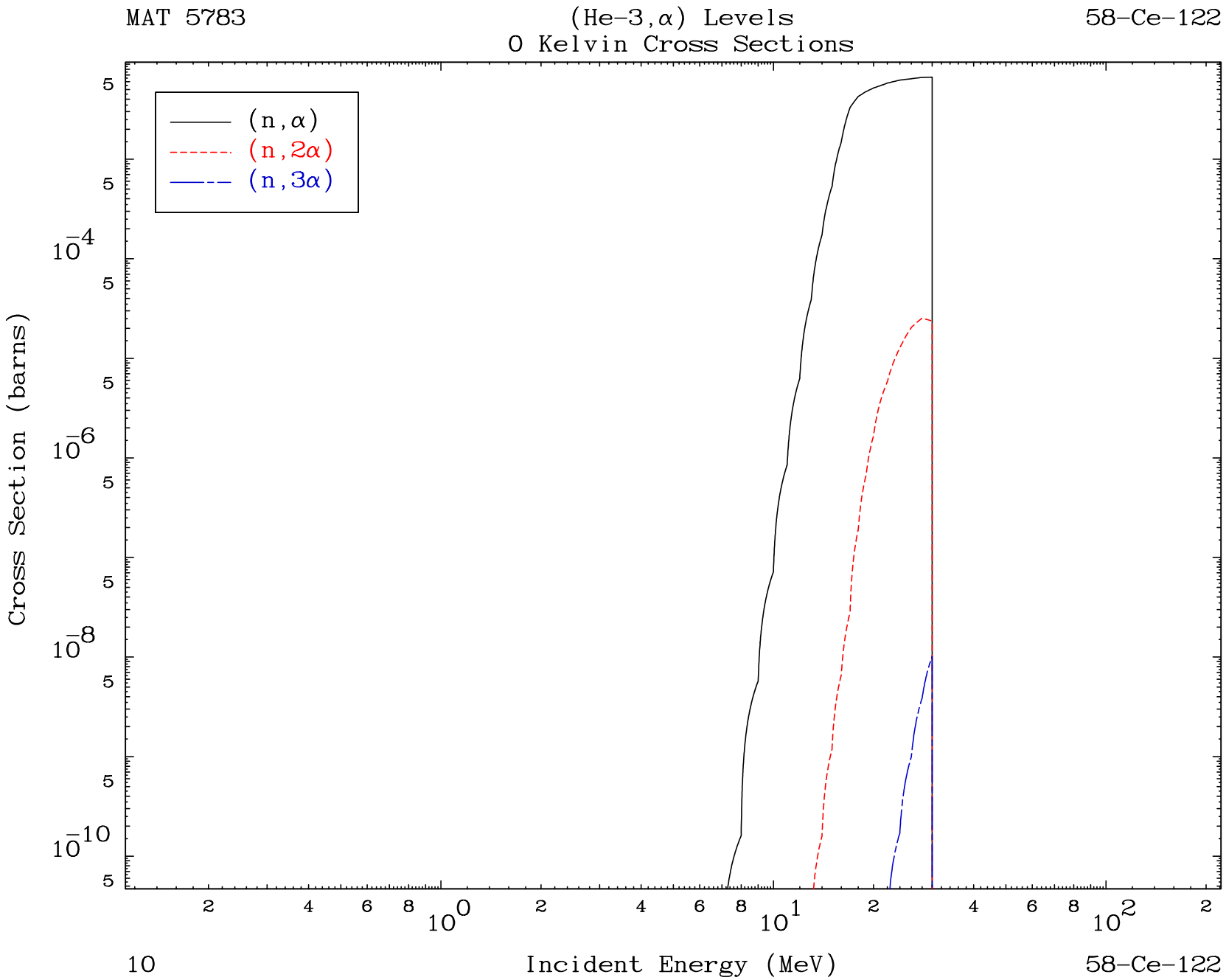

MAT 5783
He-3 Charged Particle
0 Kelvin Cross Sections
58-Ce-122
(n,n') α
(n,α)
(n,2α)
(n,3α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
58-Ce-122
5


MAT 5783
(He-3,p) Levels
0 Kelvin Cross Sections
58-Ce-122
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
2
4
6
8
100
101
102
Incident Energy (MeV)
6
58-Ce-122


MAT 5783
(He-3,d) Levels
58-Ce-122
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
Incident Energy (MeV)
58-Ce-122
7


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


MAT 5783
(He-3,He3) Levels
58-Ce-122
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
9
58-Ce-122


MAT 5783
(He-3,α) Levels
0 Kelvin Cross Sections
58-Ce-122
(n,α)
(n,2α)
(n,3α)
Cross Section (barns)
Incident Energy (MeV)
58-Ce-122