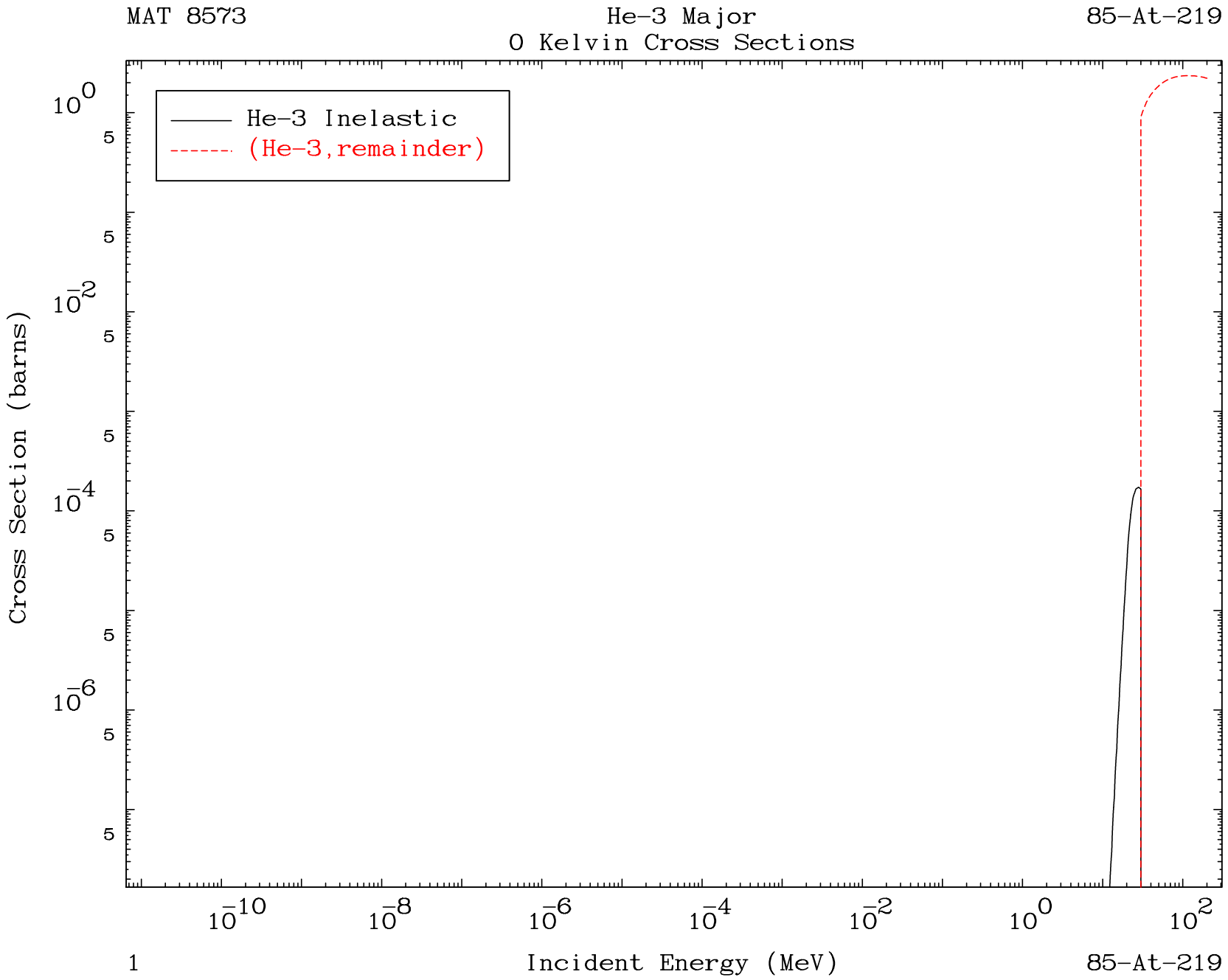
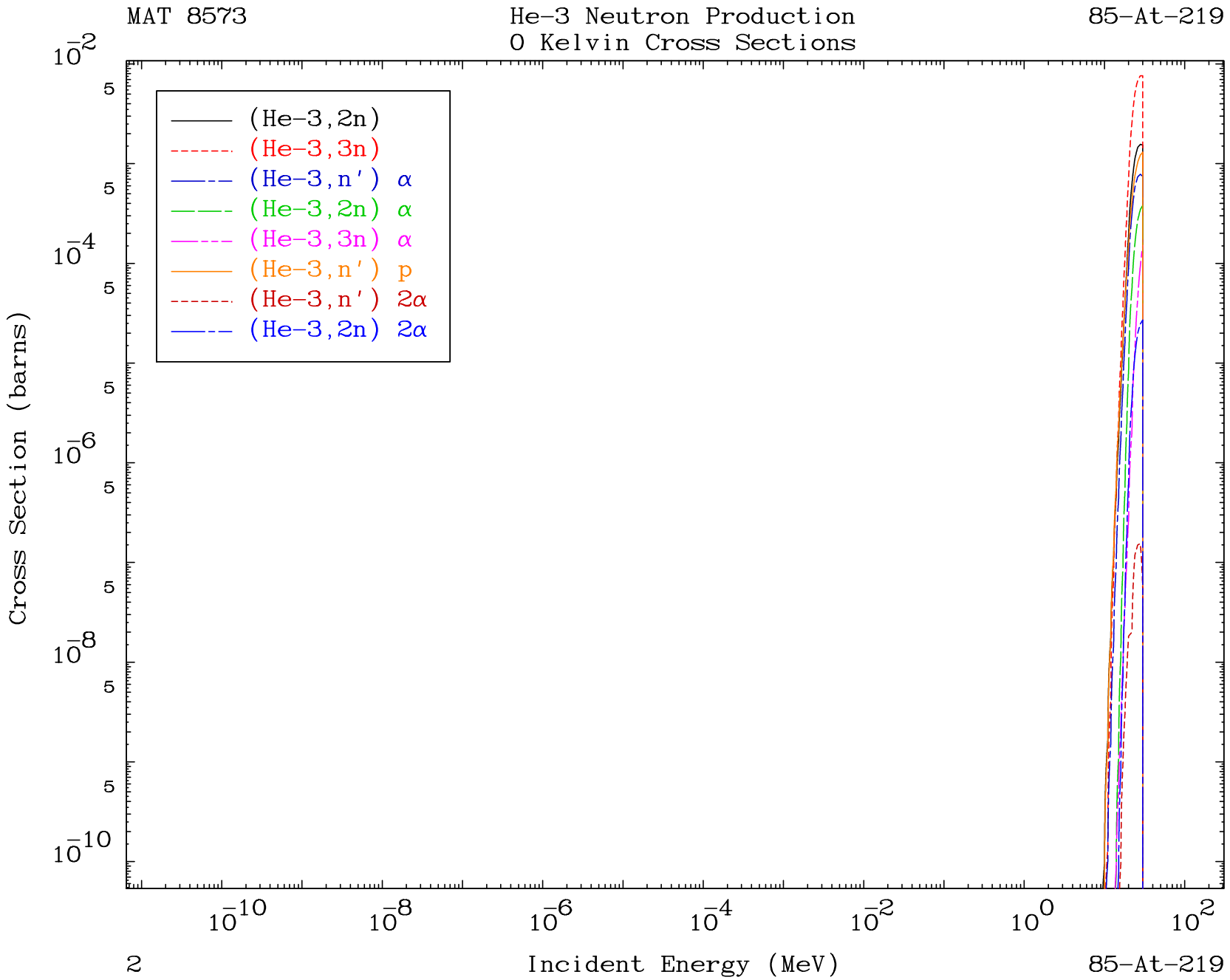
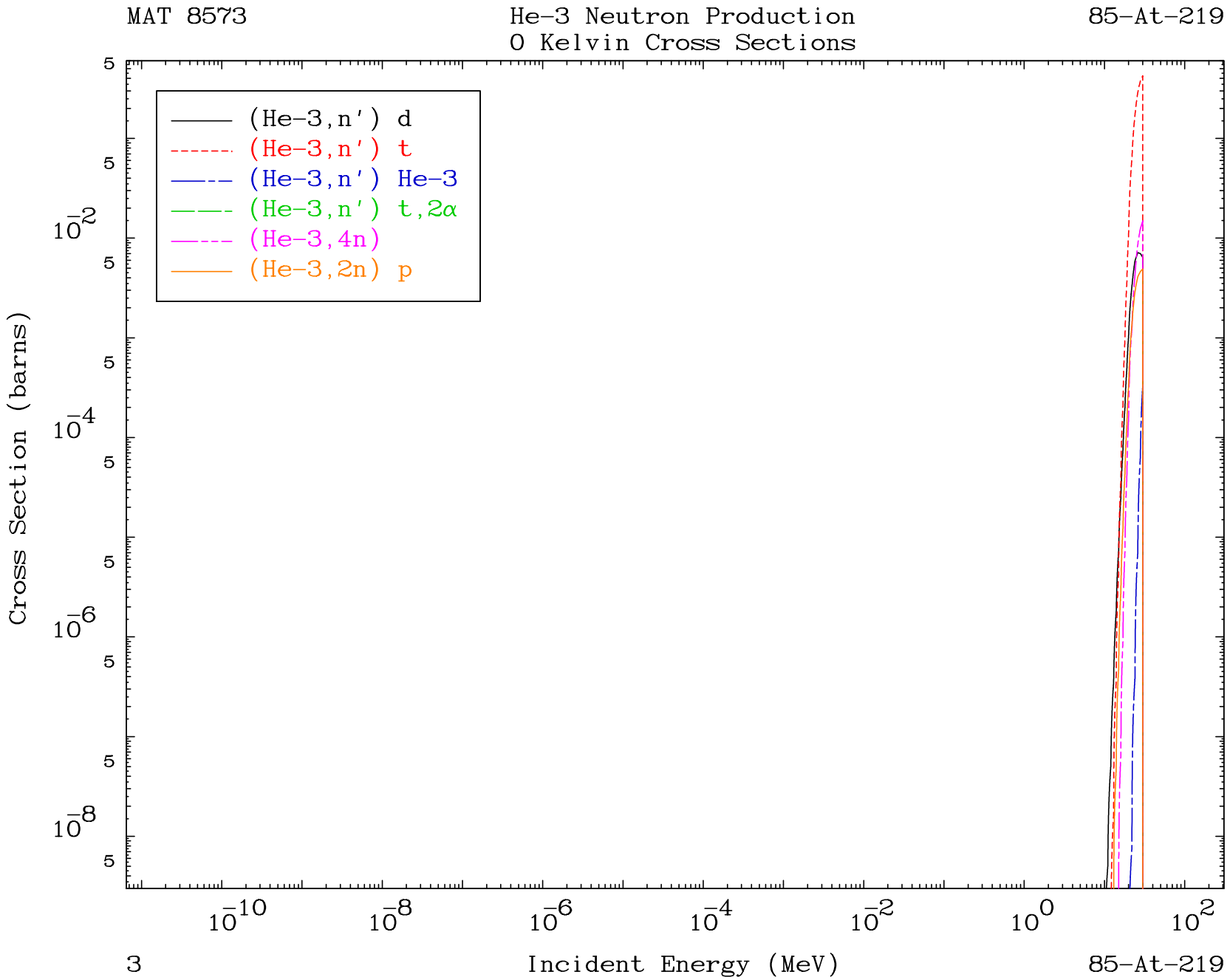
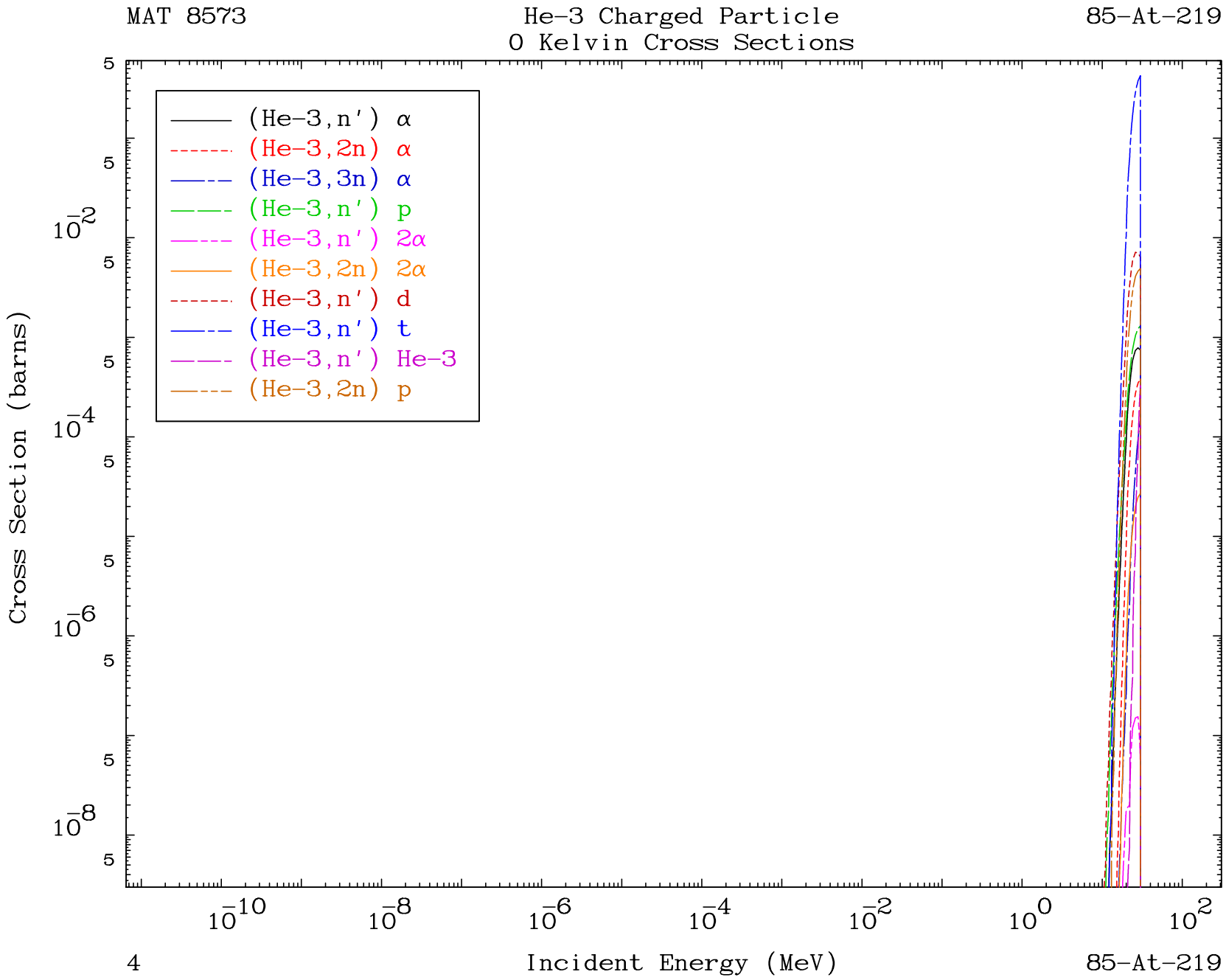
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

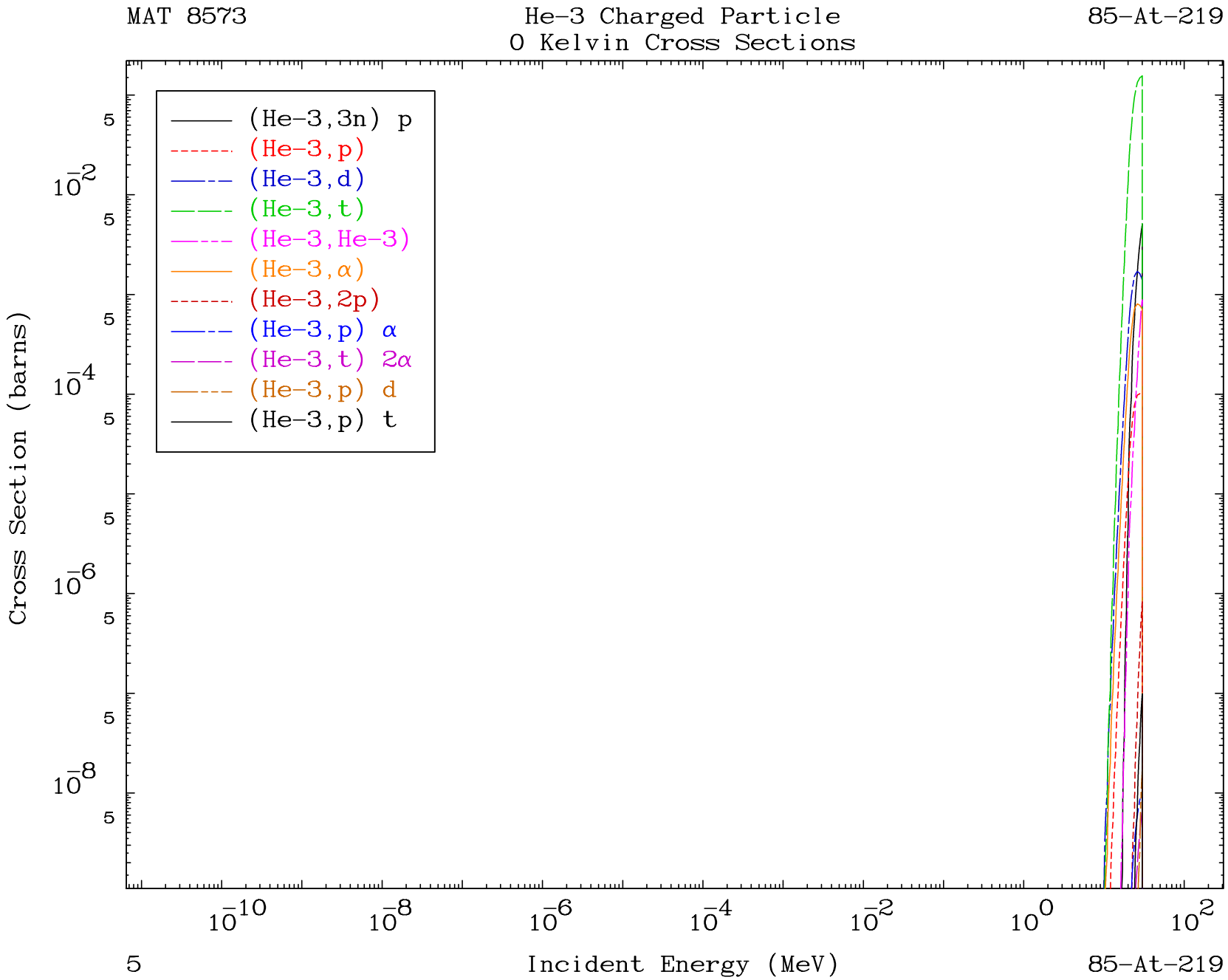
Press Mouse Button to Start

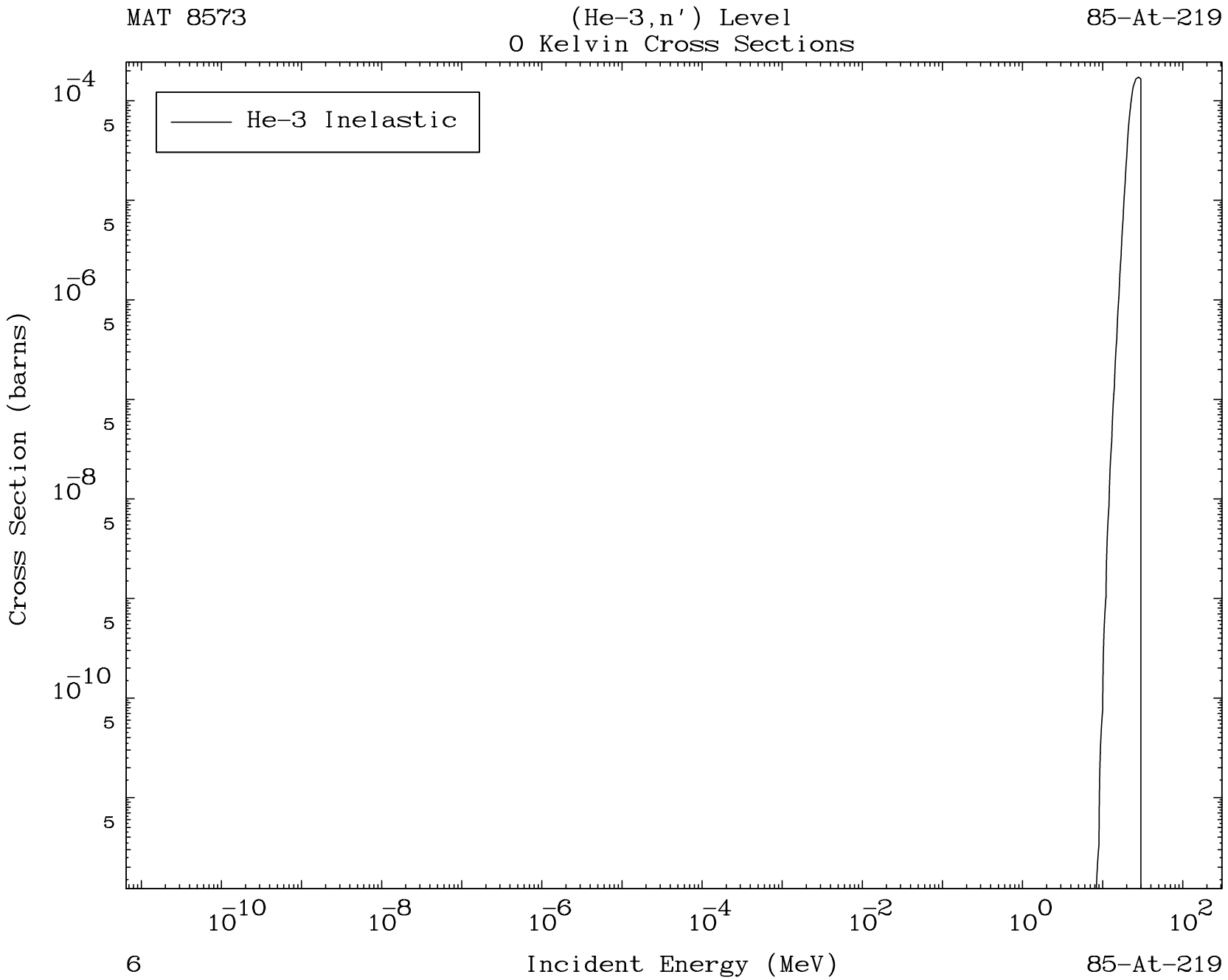

MAT 8573
He-3 Major
85-At-219
0 Kelvin Cross Sections
He-3 Inelastic
(He-3,remainder)
Cross Section (barns)
Incident Energy (MeV)
1
85-At-219

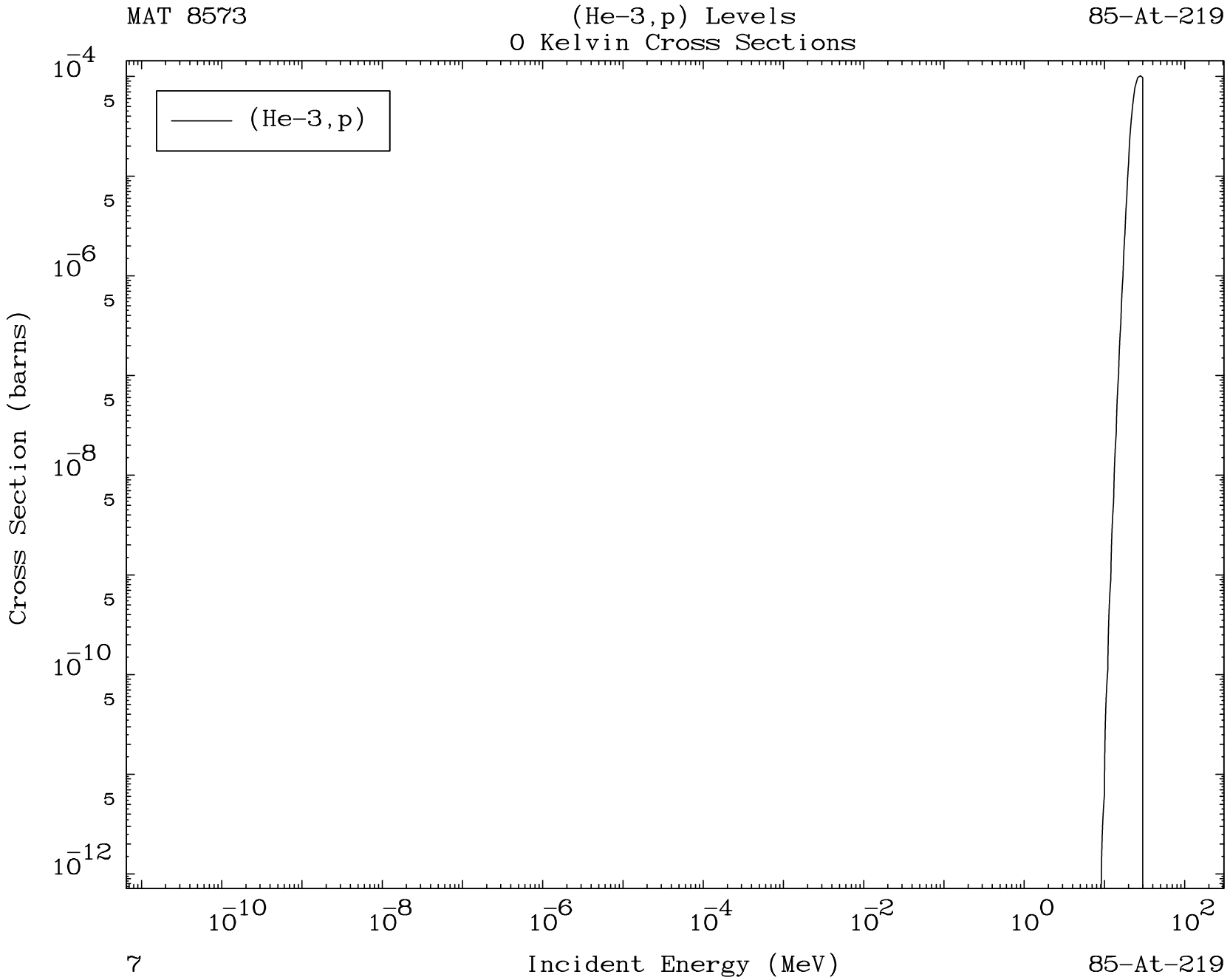

MAT 8573
He-3 Neutron Production
0 Kelvin Cross Sections
85-At-219
(He-3,2n)
(He-3,3n)
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,2n) 2α
Cross Section (barns)
Incident Energy (MeV)
2
85-At-219

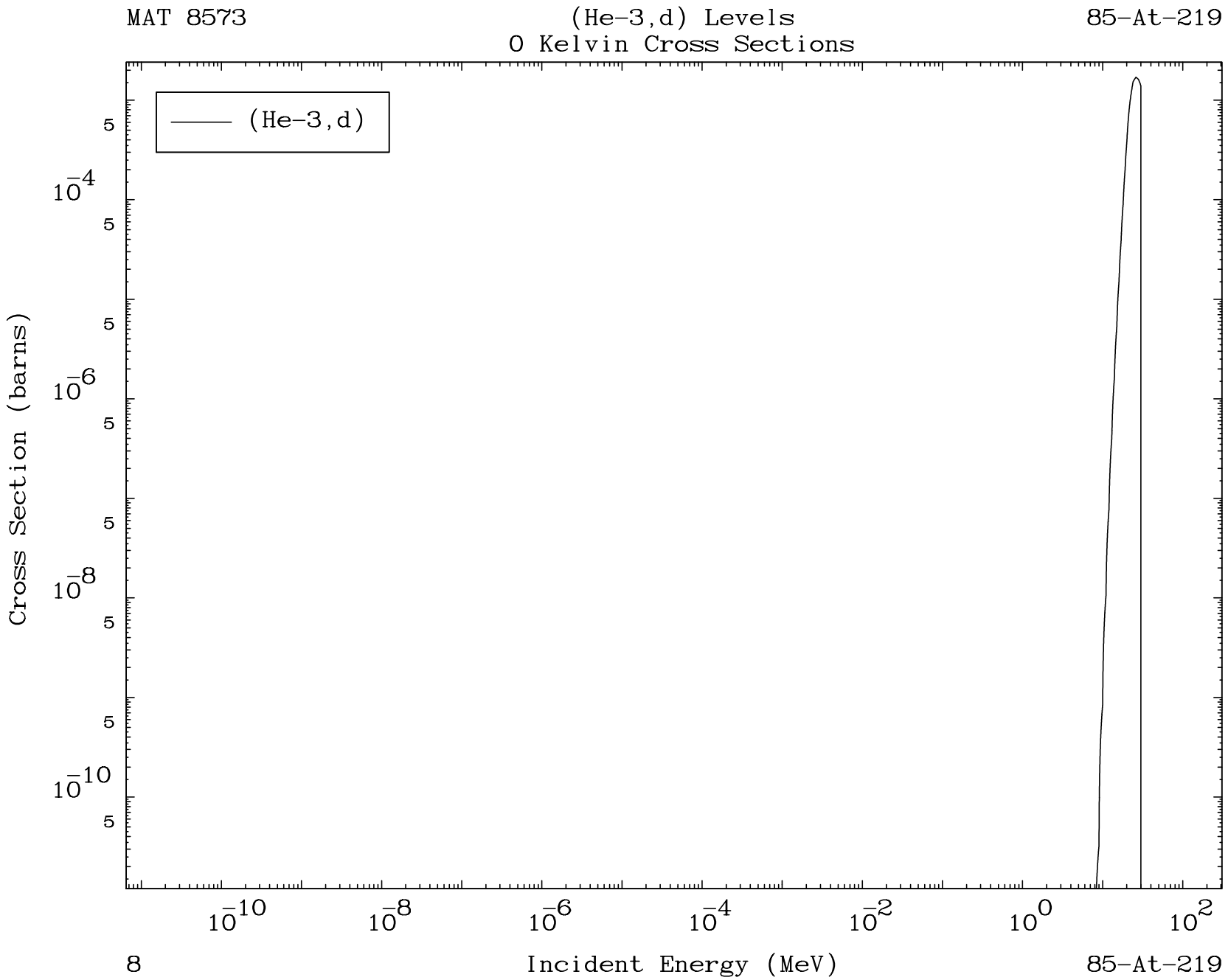

MAT 8573
He-3 Neutron Production
0 Kelvin Cross Sections
85-At-219
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,n') t,2α
(He-3,4n)
(He-3,2n) p
Cross Section (barns)
Incident Energy (MeV)
3
85-At-219

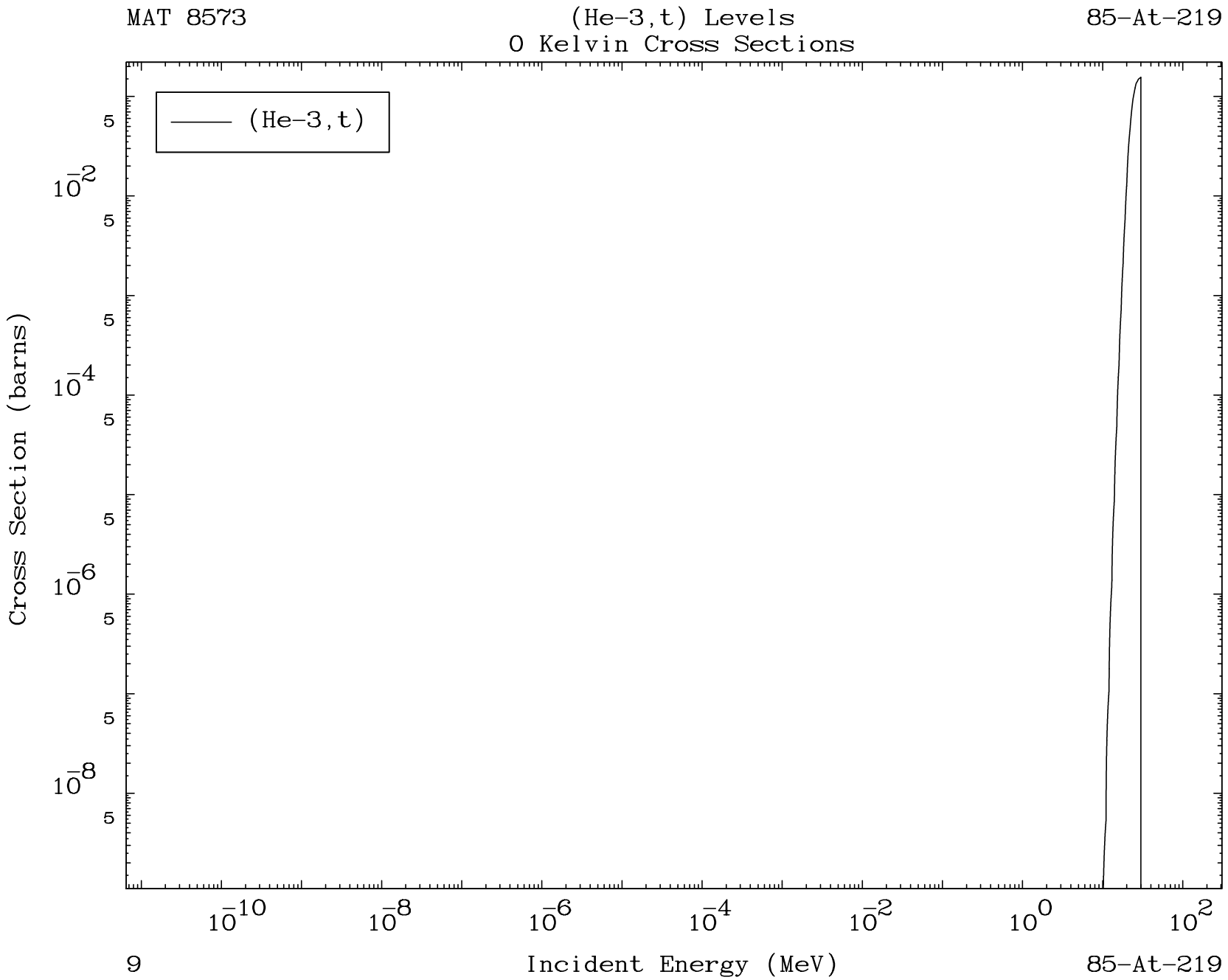

MAT 8573
He-3 Charged Particle
0 Kelvin Cross Sections
85-At-219
(He-3,n') α
(He-3,2n) α
(He-3,3n) α
(He-3,n') p
(He-3,n') 2α
(He-3,2n) 2α
(He-3,n') d
(He-3,n') t
(He-3,n') He-3
(He-3,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
85-At-219

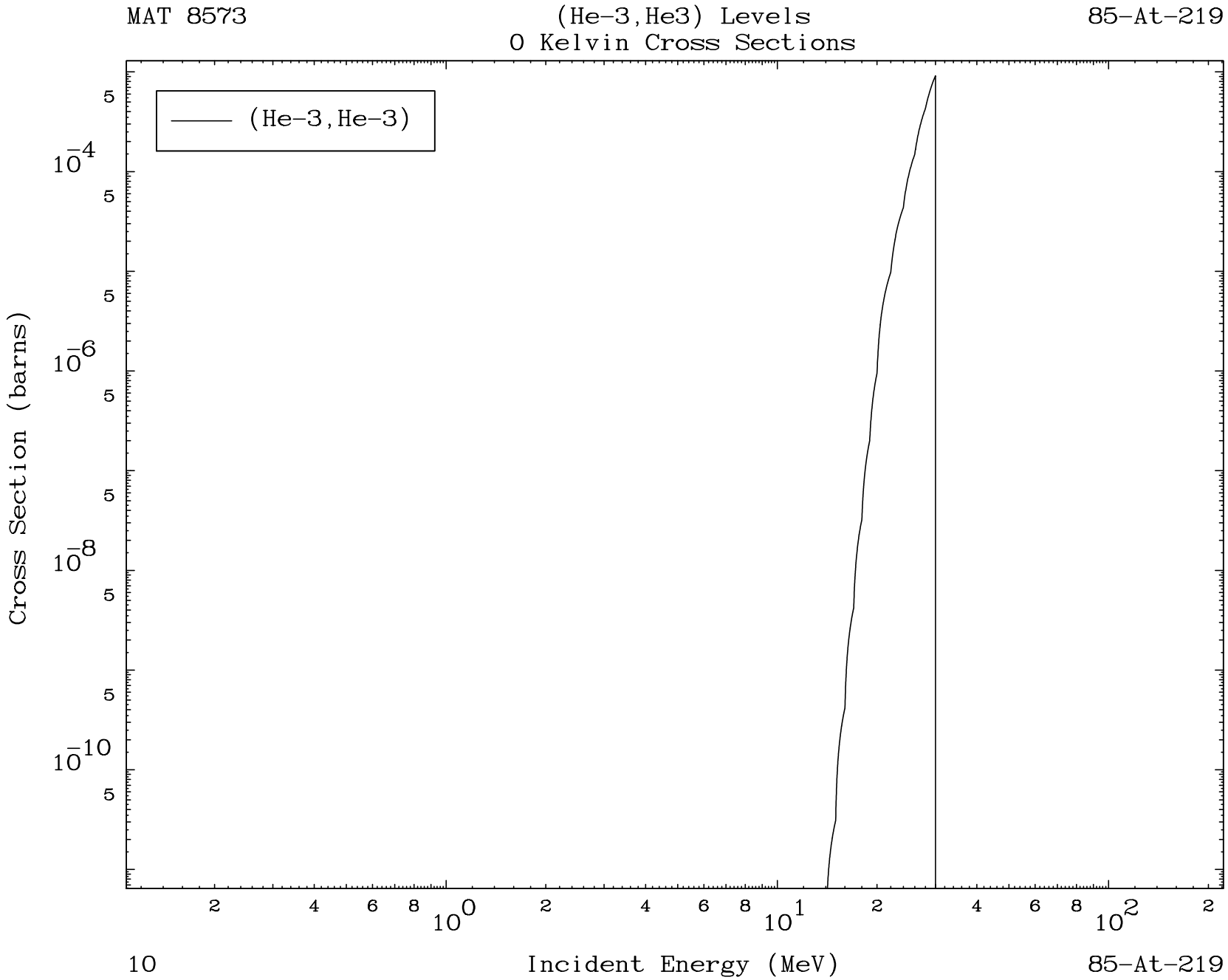

MAT 8573
He-3 Charged Particle
0 Kelvin Cross Sections
85-At-219
(He-3,3n) p
(He-3,p)
(He-3,d)
(He-3,t)
(He-3,He-3)
(He-3,α)
(He-3,2p)
(He-3,p) α
(He-3,t) 2α
(He-3,p) d
(He-3,p) t
Cross Section (barns)
Incident Energy (MeV)
85-At-219

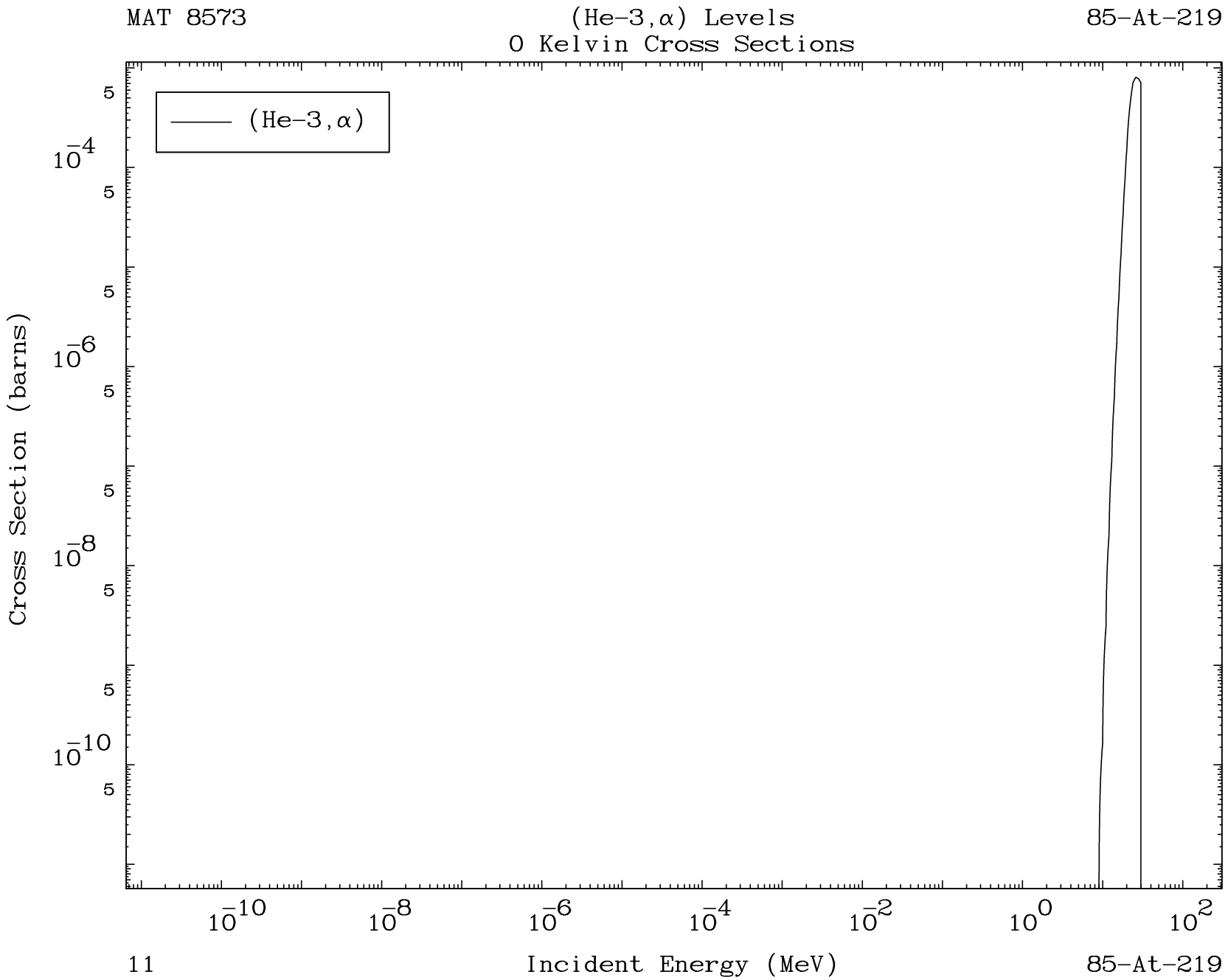

MAT 8573
(He-3,n') Level
85-At-219
0 Kelvin Cross Sections
He-3 Inelastic
Cross Section (barns)
Incident Energy (MeV)
6
85-At-219

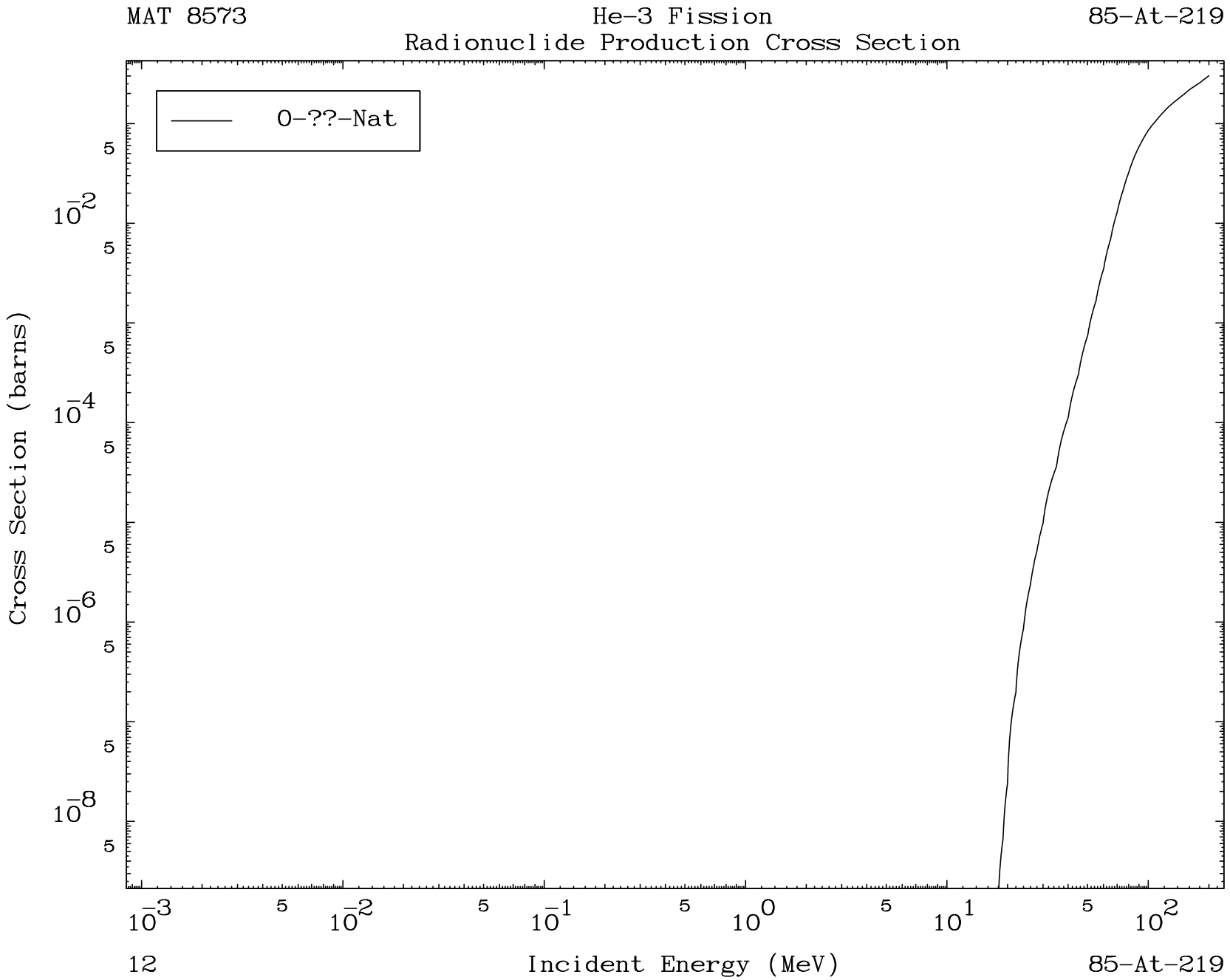

MAT 8573
(He-3,p) Levels
85-At-219
0 Kelvin Cross Sections
(He-3,p)
Cross Section (barns)
Incident Energy (MeV)
7
85-At-219

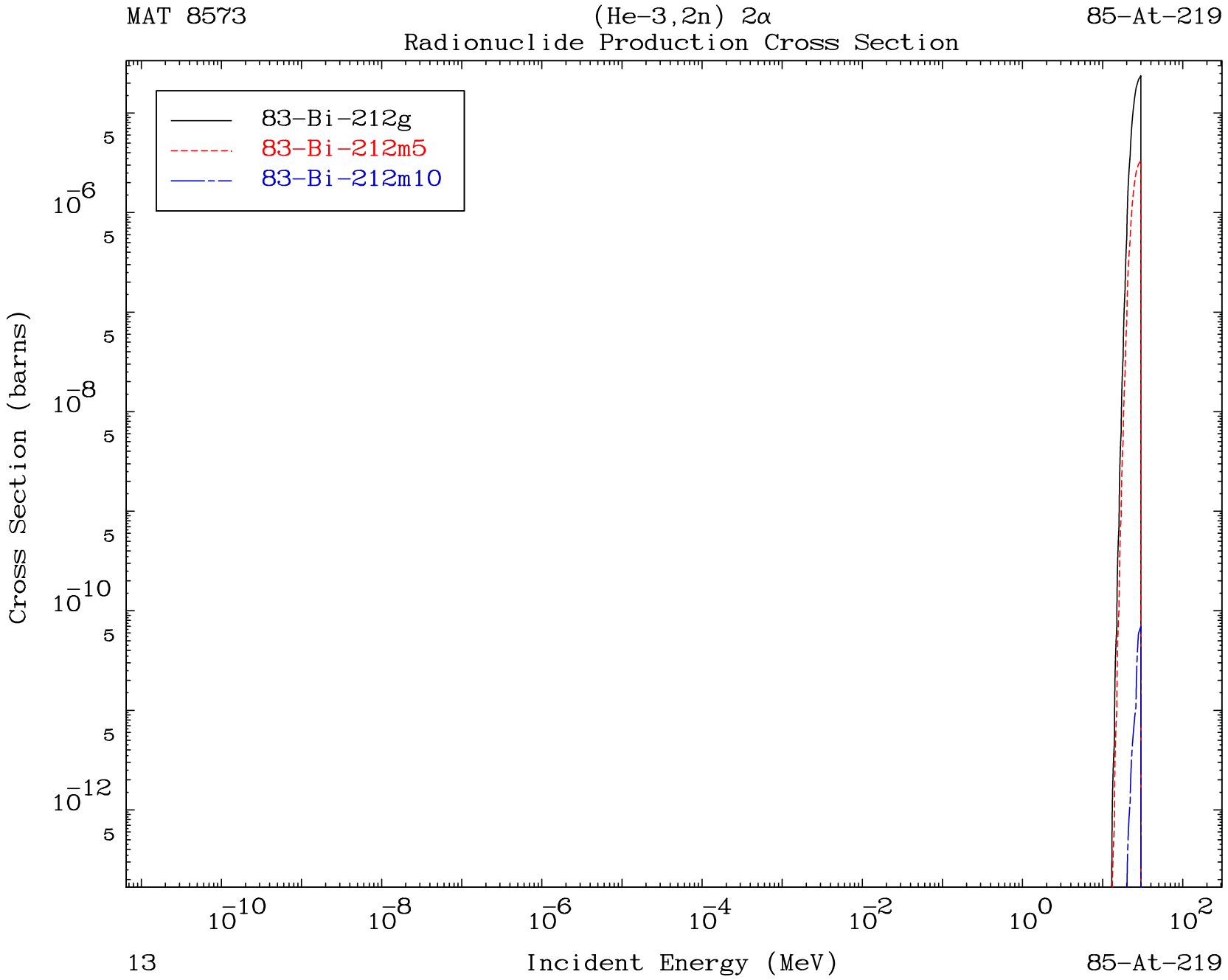

MAT 8573
(He-3,d) Levels
85-At-219
0 Kelvin Cross Sections
(He-3,d)
Cross Section (barns)
Incident Energy (MeV)
8
85-At-219


MAT 8573
(He-3,t) Levels
85-At-219
0 Kelvin Cross Sections
(He-3,t)
Cross Section (barns)
Incident Energy (MeV)
9
85-At-219


MAT 8573
(He-3,He3) Levels
85-At-219
0 Kelvin Cross Sections
(He-3,He-3)
Cross Section (barns)
Incident Energy (MeV)
85-At-219
10


MAT 8573
(He-3,α) Levels
85-At-219
0 Kelvin Cross Sections
(He-3,α)
Cross Section (barns)
Incident Energy (MeV)
11
85-At-219


MAT 8573
He-3 Fission
85-At-219
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
85-At-219


MAT 8573
(He-3,2n) 2α
85-At-219
Radionuclide Production Cross Section
83-Bi-212g
83-Bi-212m5
83-Bi-212m10
Cross Section (barns)
Incident Energy (MeV)
13
85-At-219