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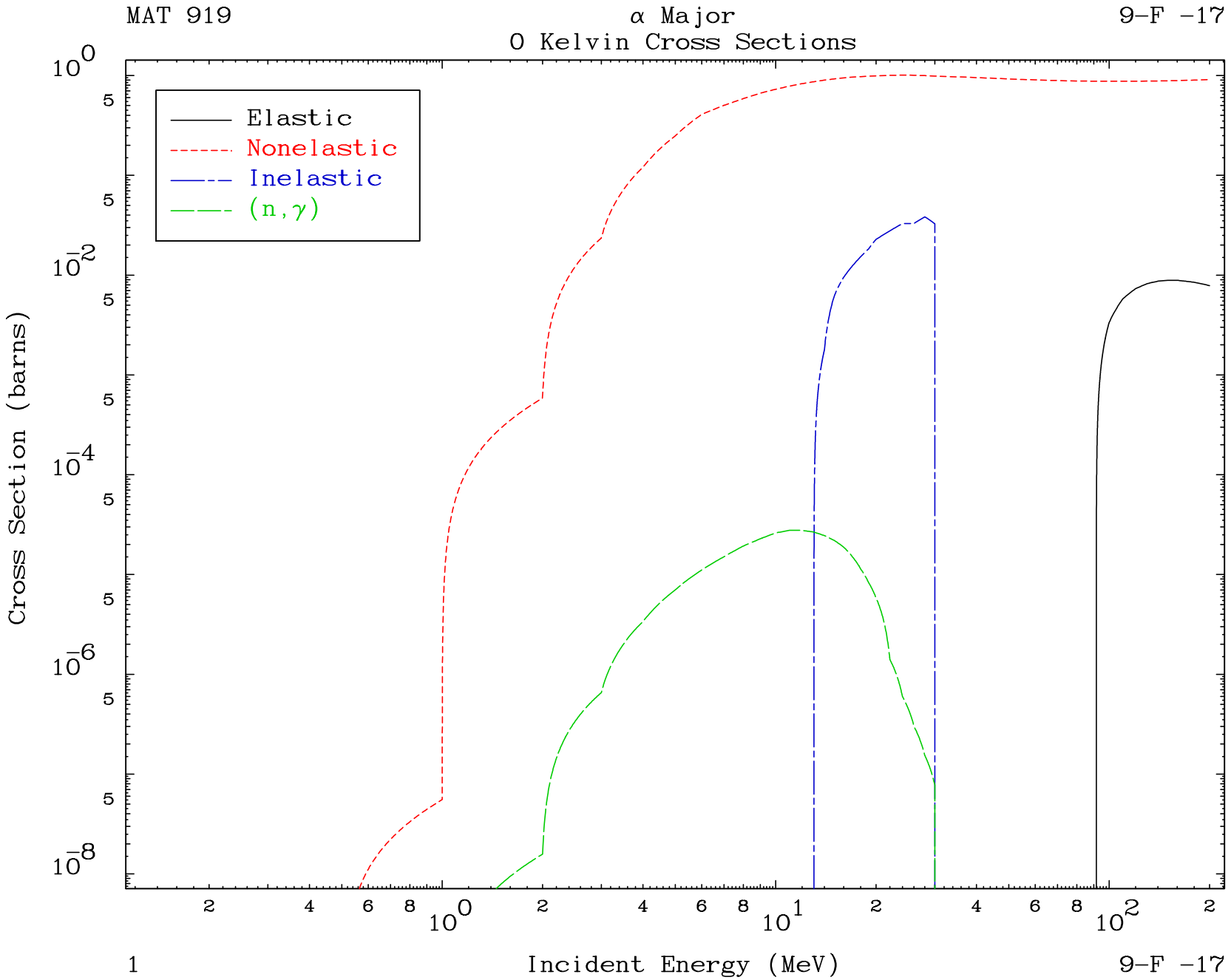
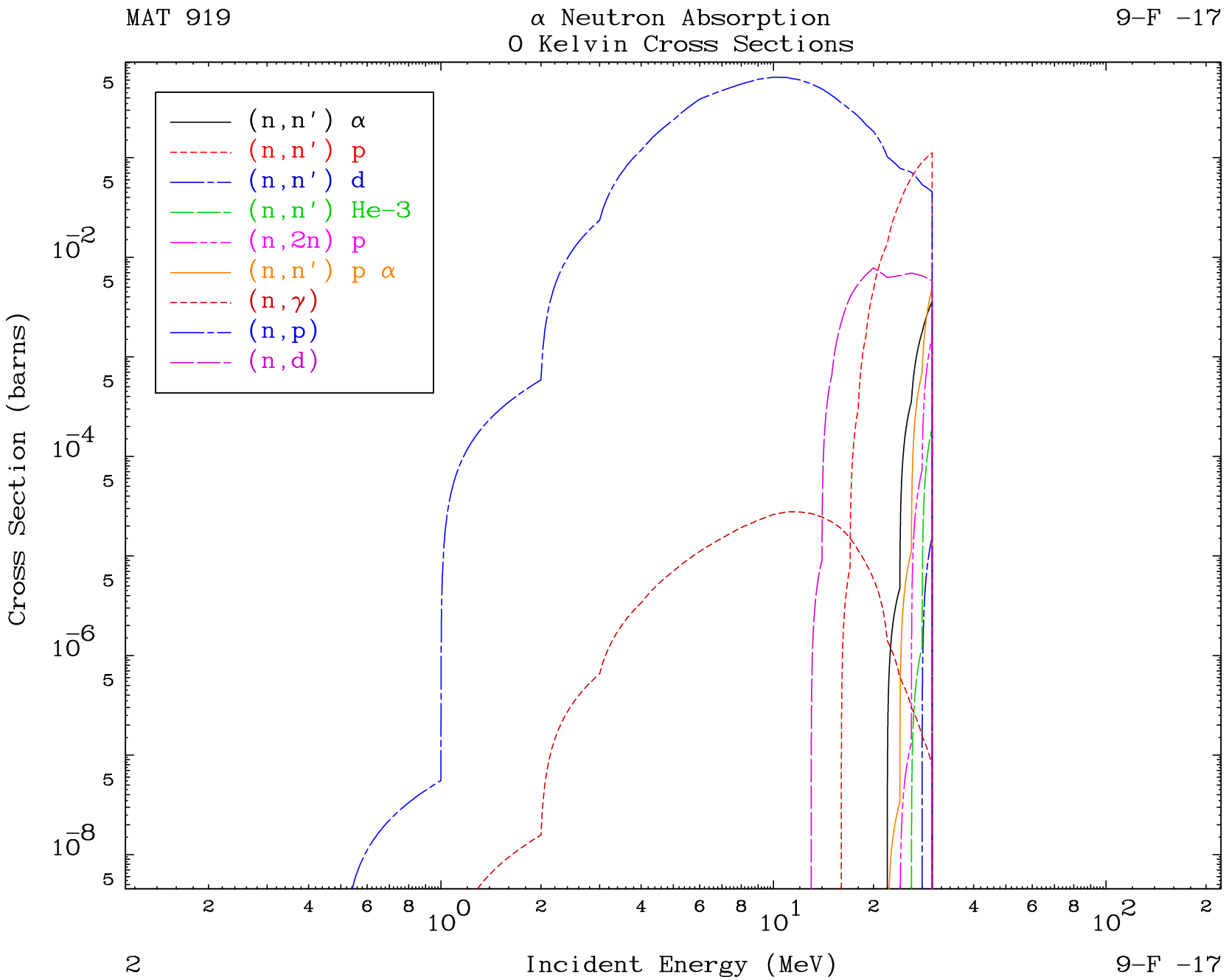
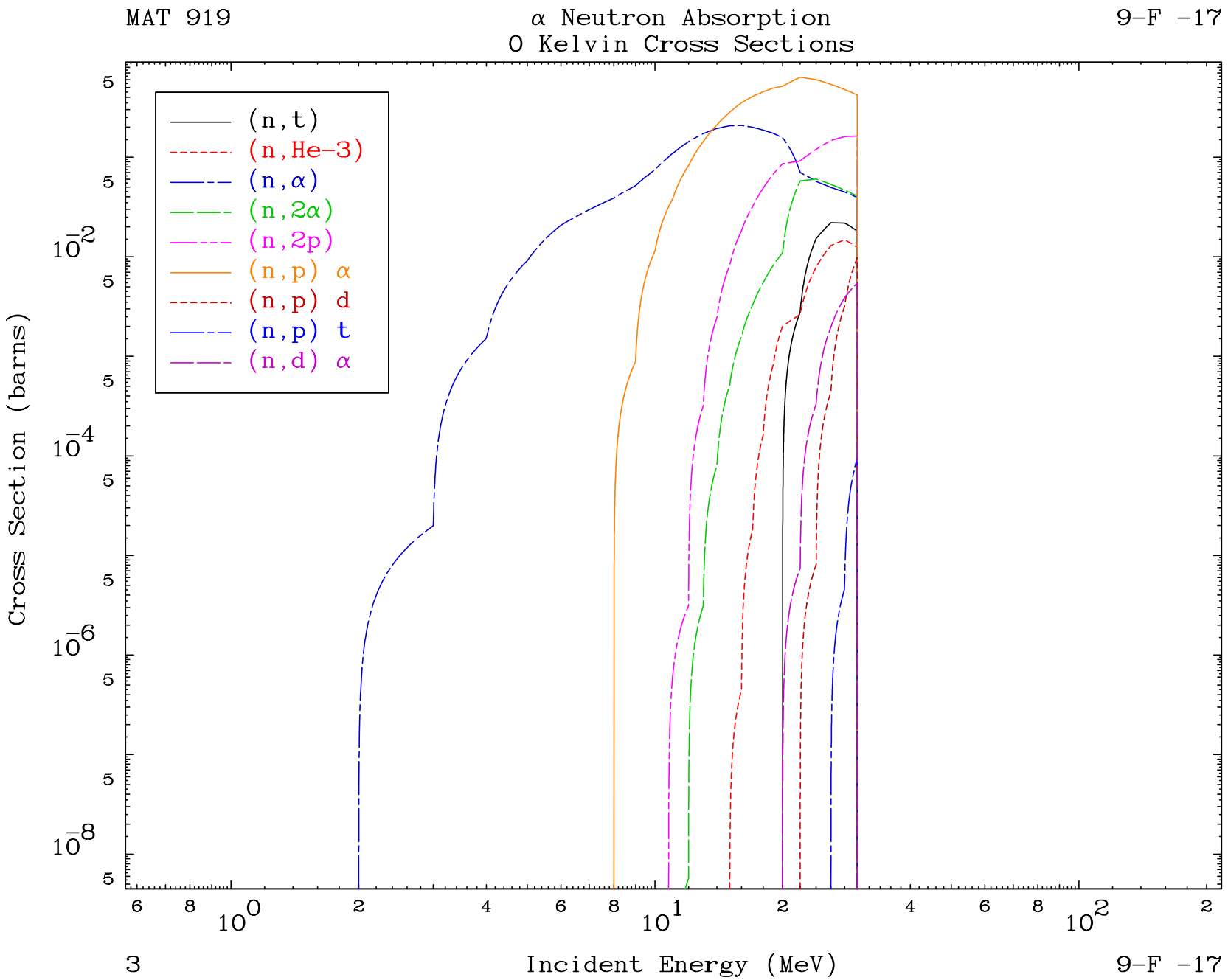
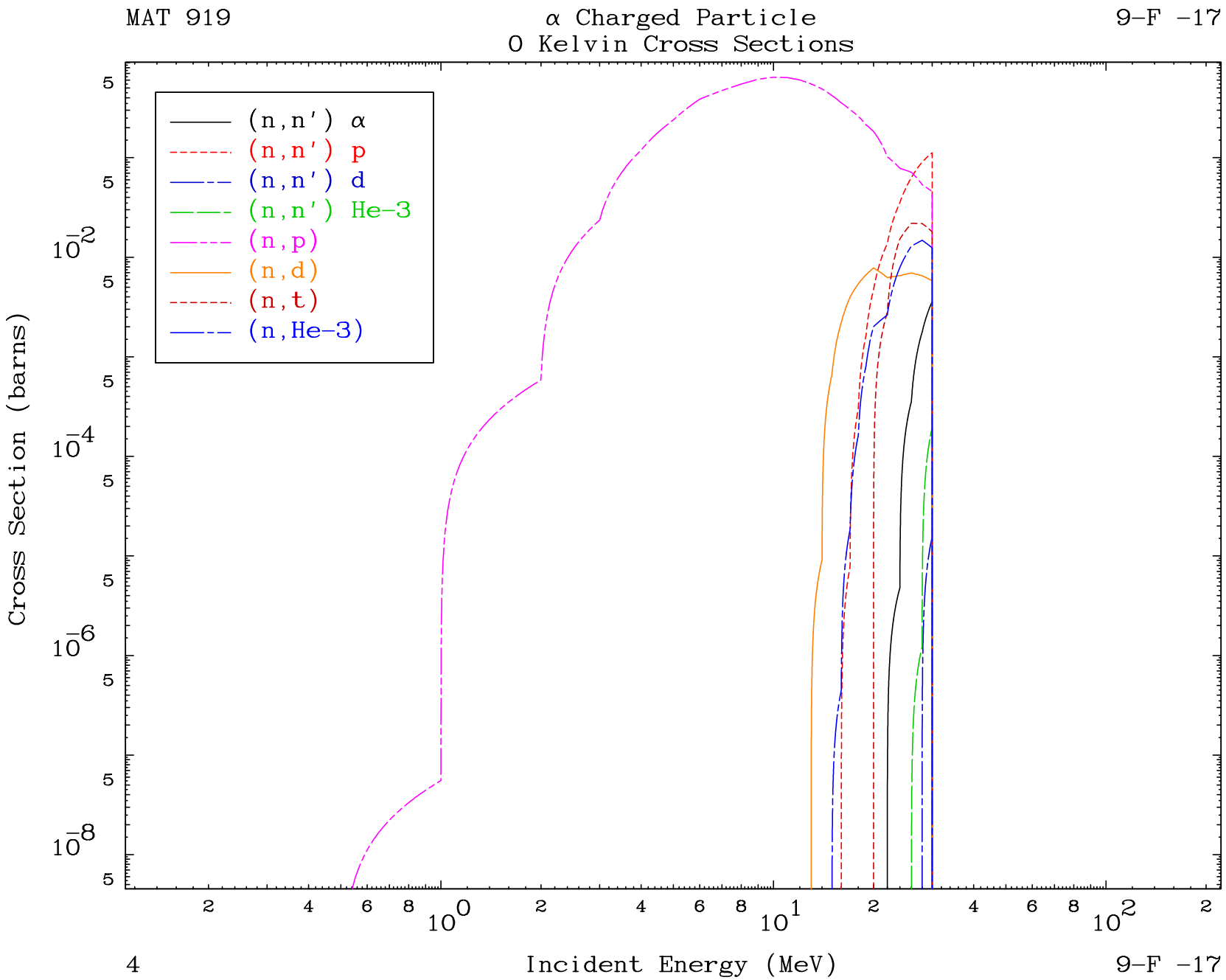
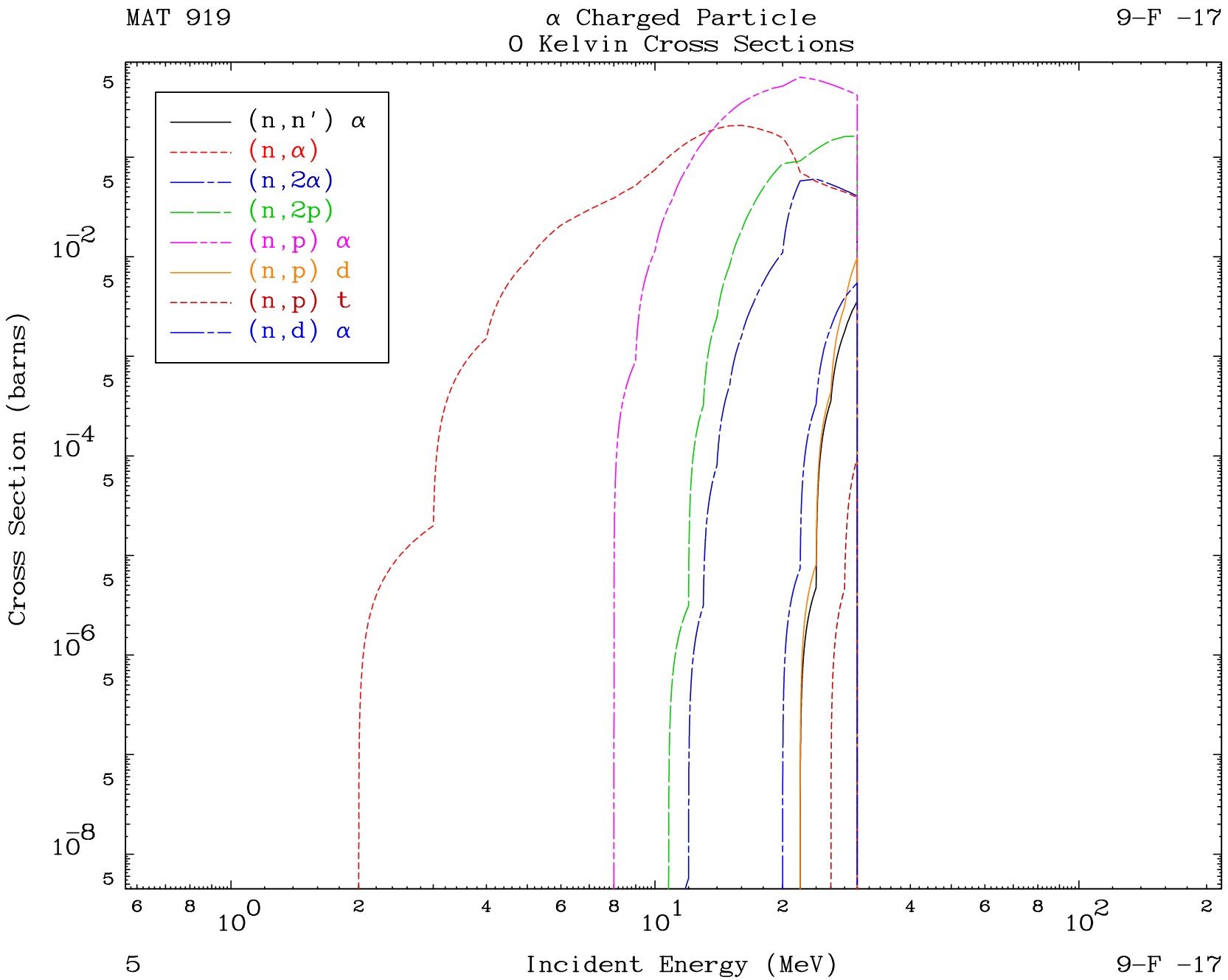
Press Mouse Button to Start

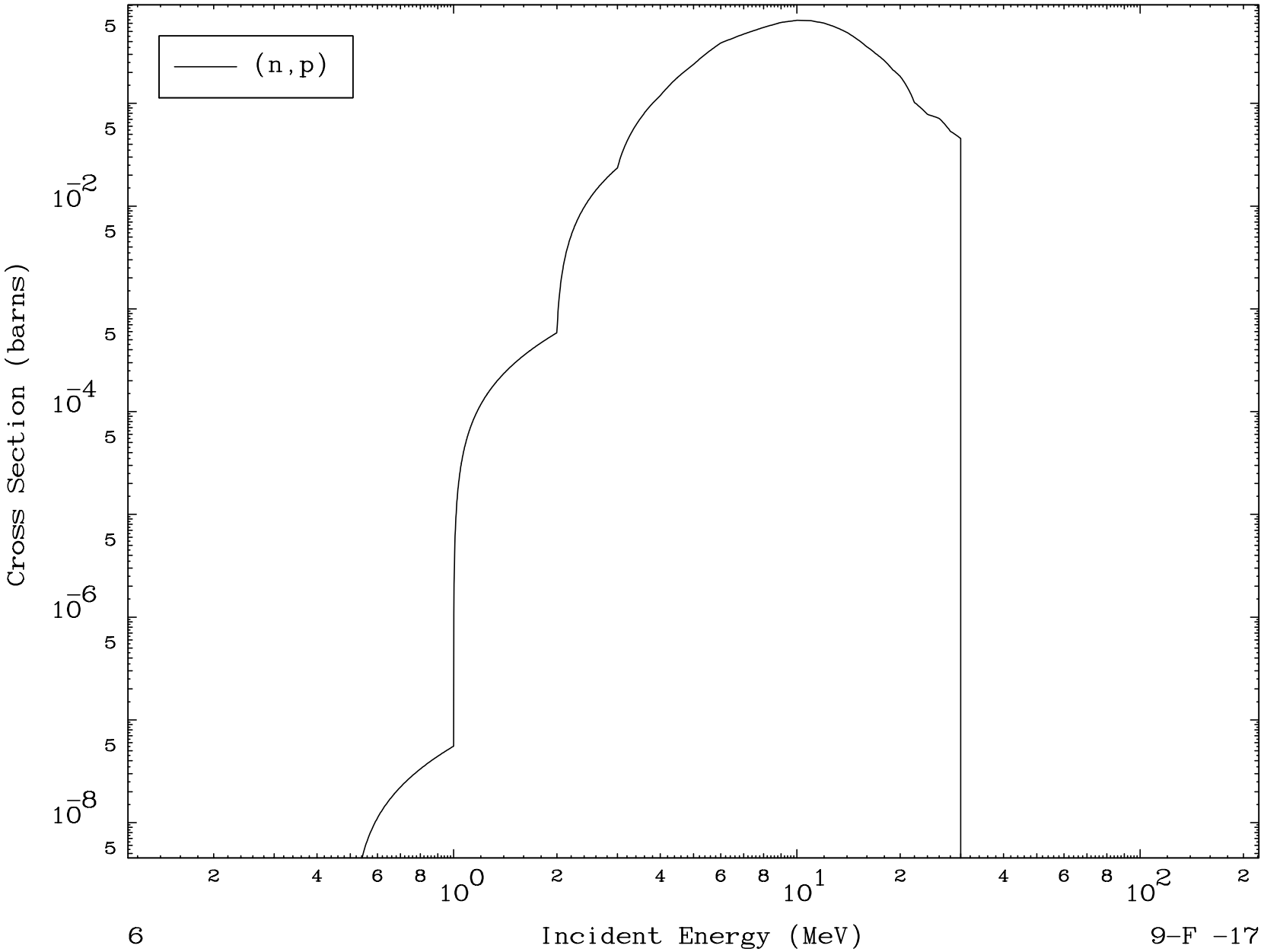

MAT 919
α Major
9-F -17
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
9-F -17

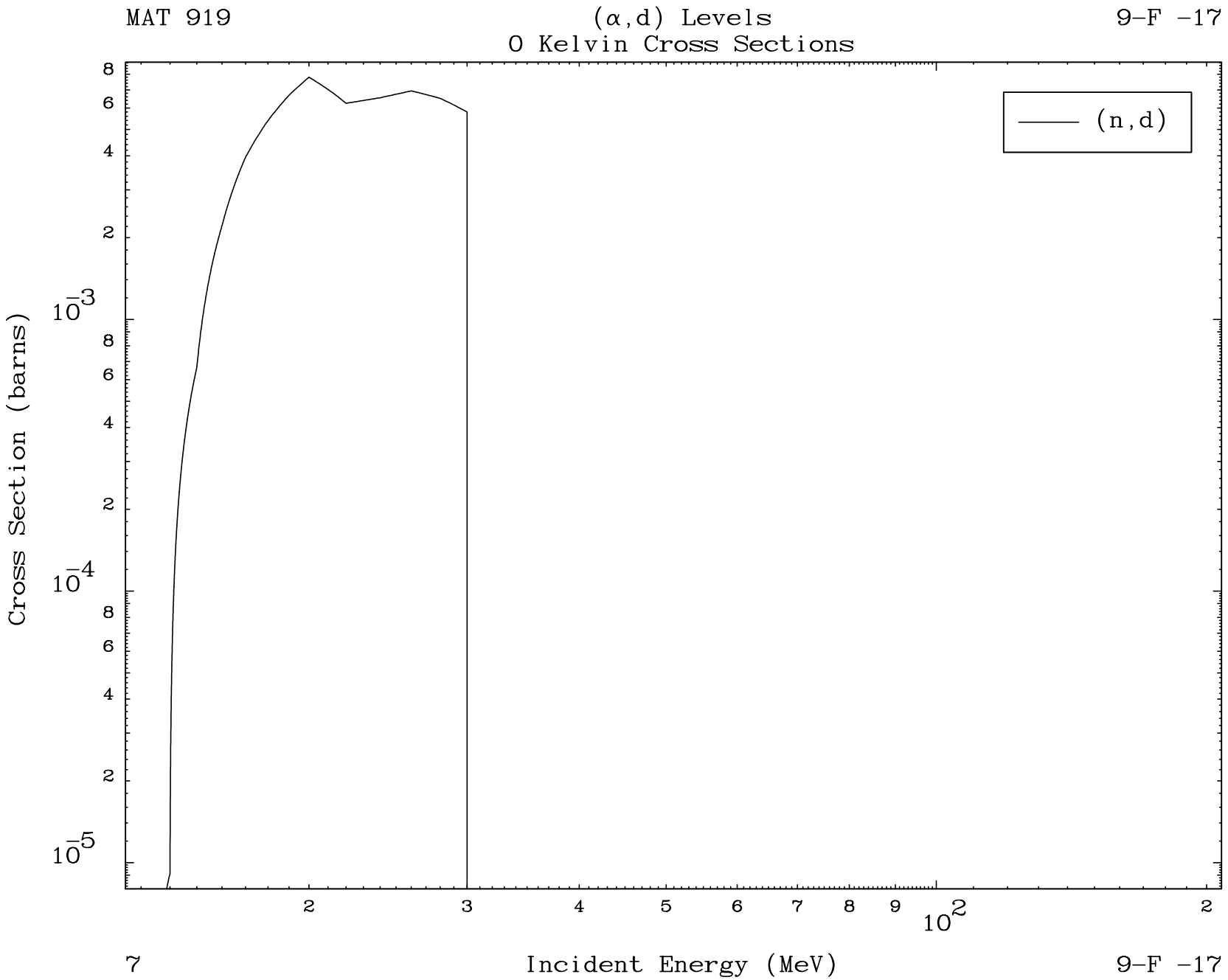

MAT 919
α Neutron Absorption
0 Kelvin Cross Sections
9-F -17
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
2
9-F -17


MAT 919
α Neutron Absorption
0 Kelvin Cross Sections
9-F -17
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
9-F -17

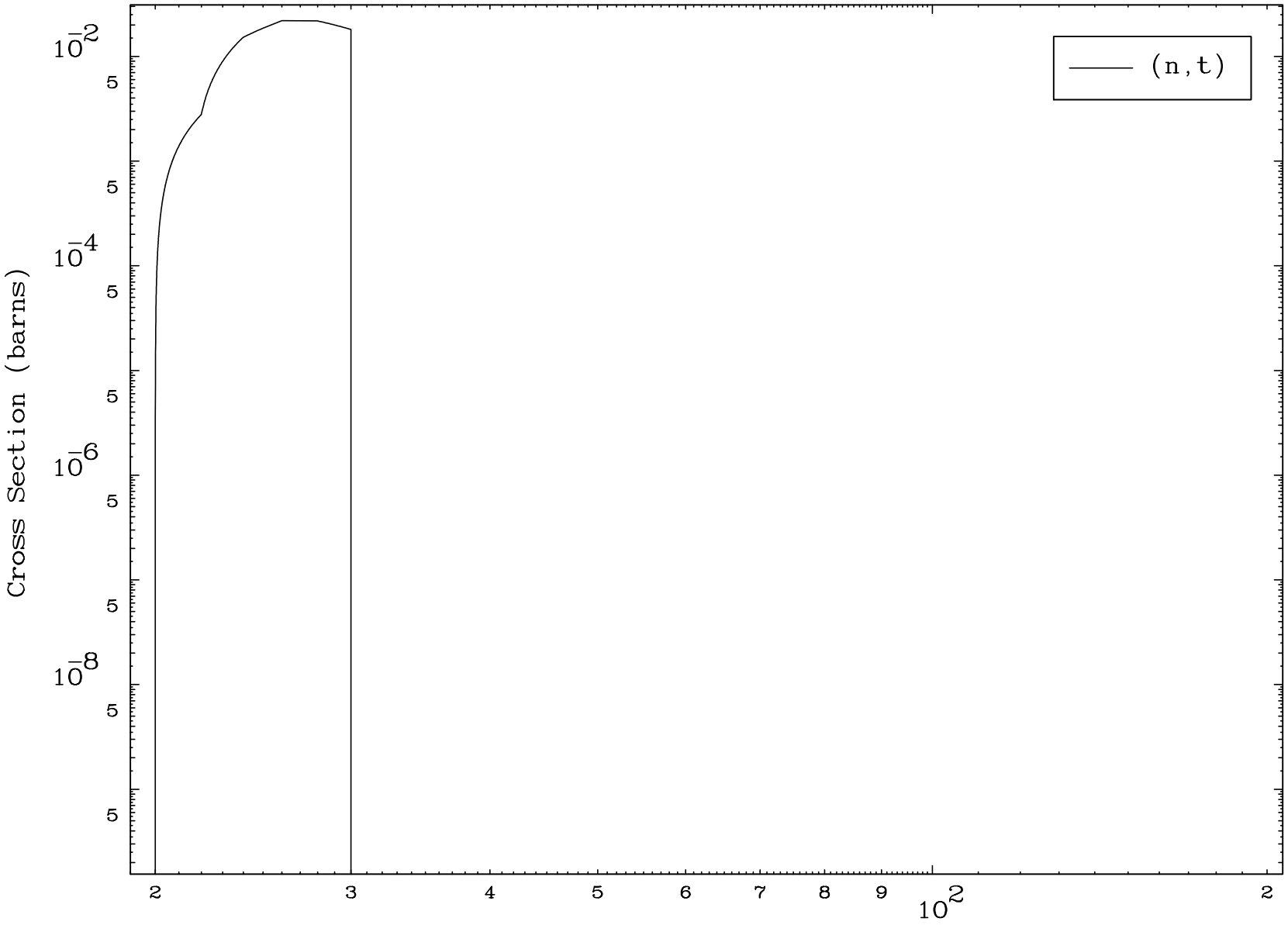

MAT 919
α Charged Particle
0 Kelvin Cross Sections
9-F -17
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
9-F -17

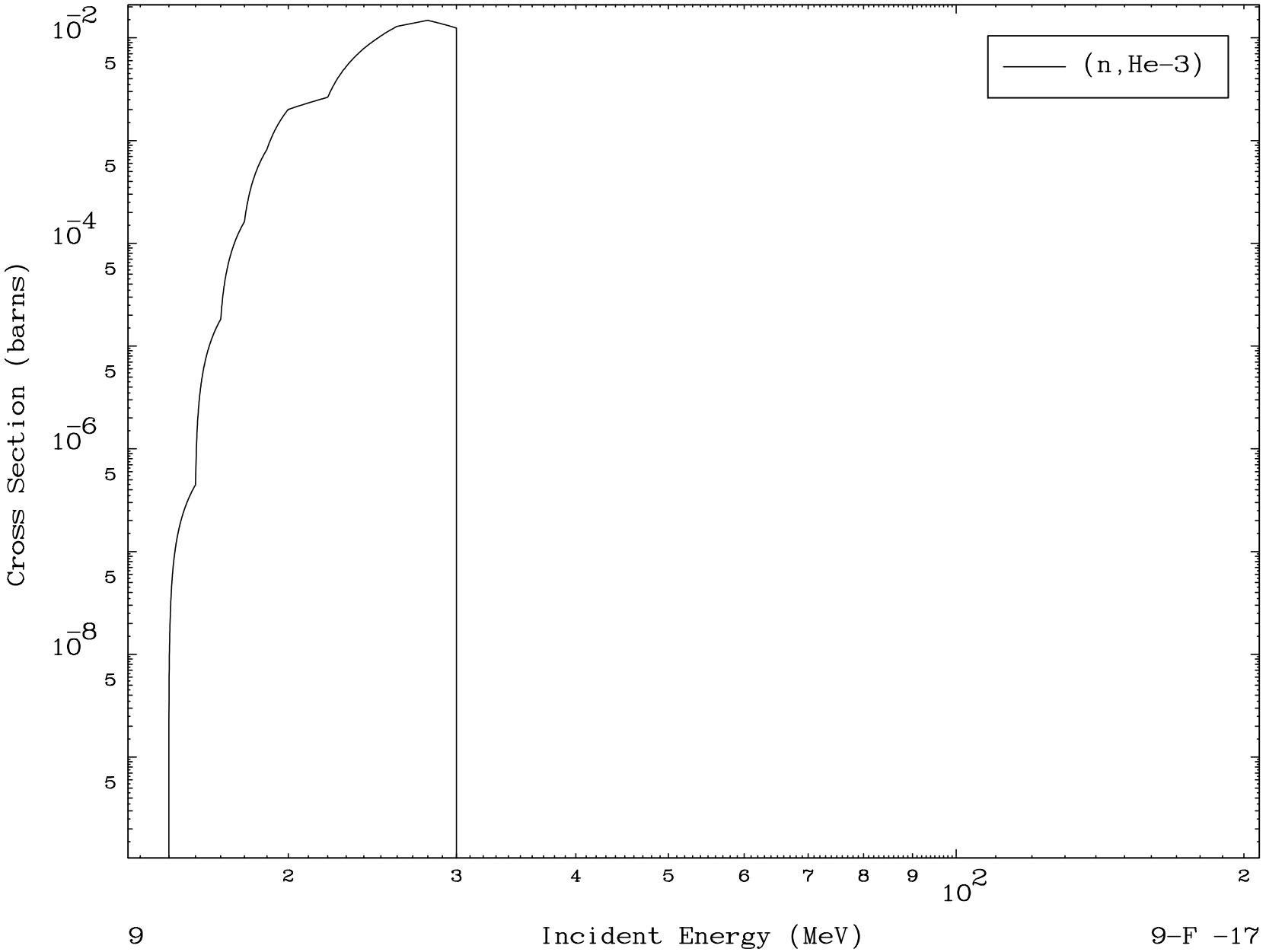

MAT 919
α Charged Particle
0 Kelvin Cross Sections
9-F -17
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
9-F -17

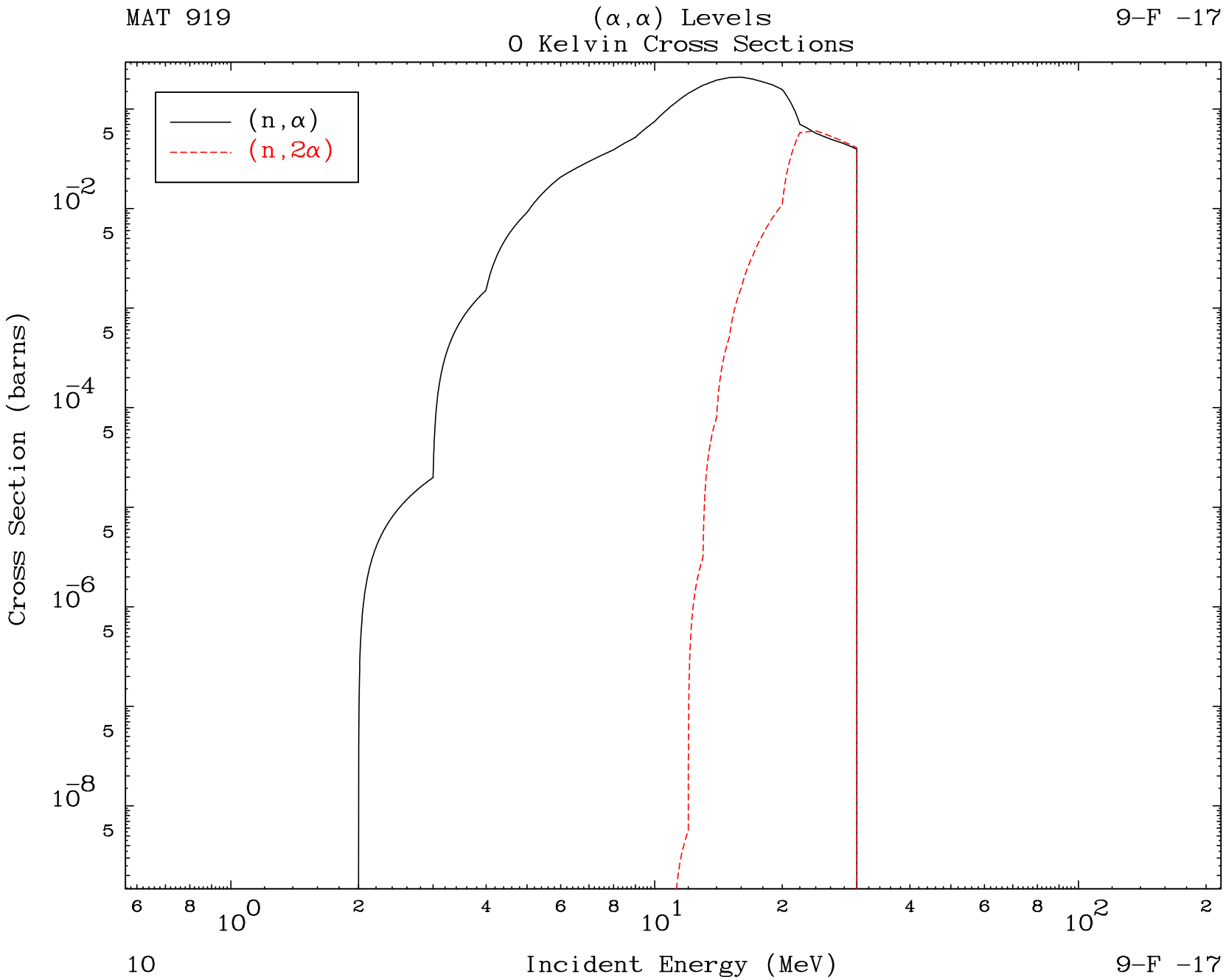

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)


MAT 919
(α,d) Levels
9-F -17
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
8
6
4
2
10-3
8
6
4
2
10-4
8
6
4
2
10-5
2
3
4
5
6
7
8
9
10 2
2
7
Incident Energy (MeV)
9-F -17

0 Kelvin Cross Sections




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


MAT 919
(α,α) Levels
9-F -17
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
9-F -17