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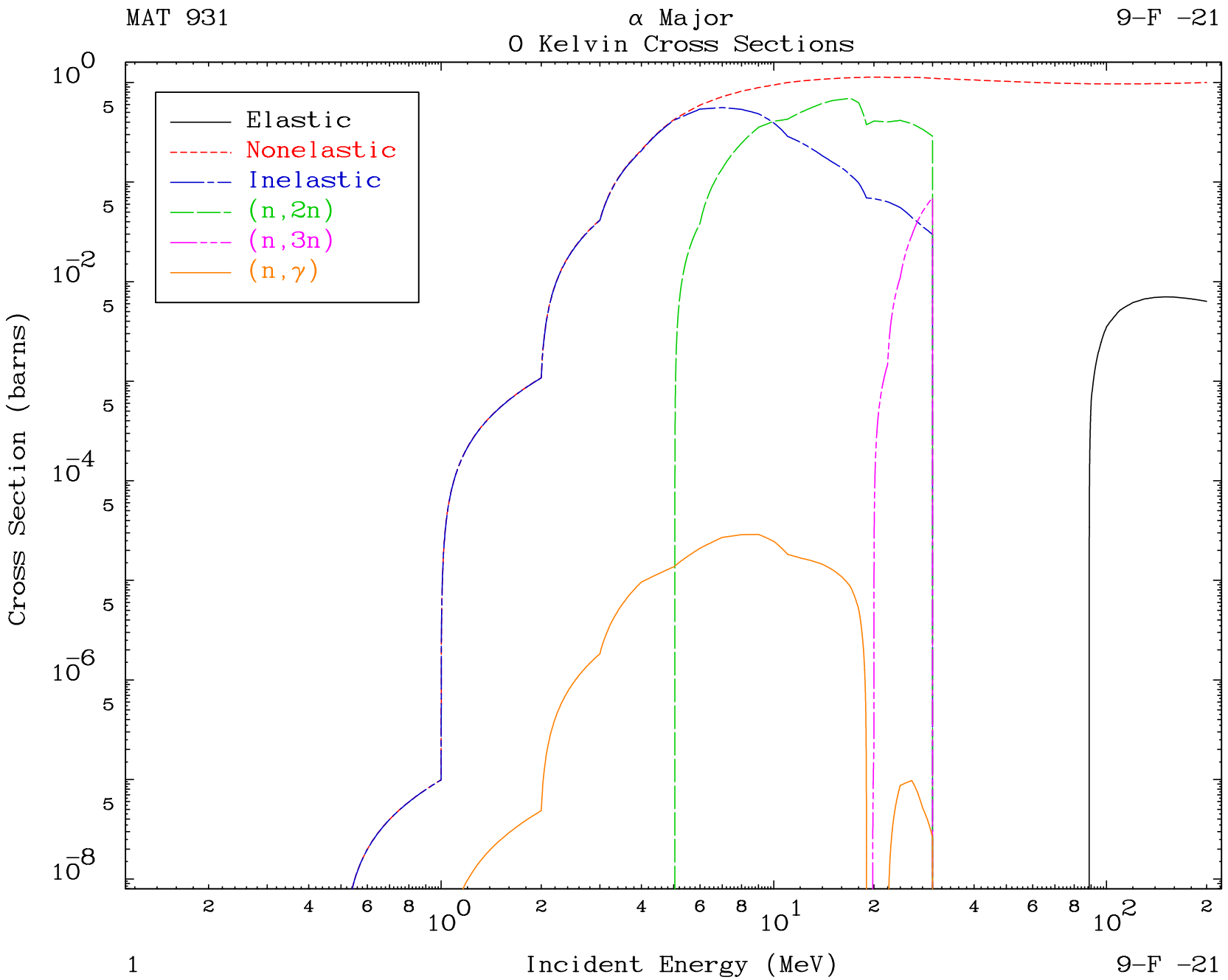
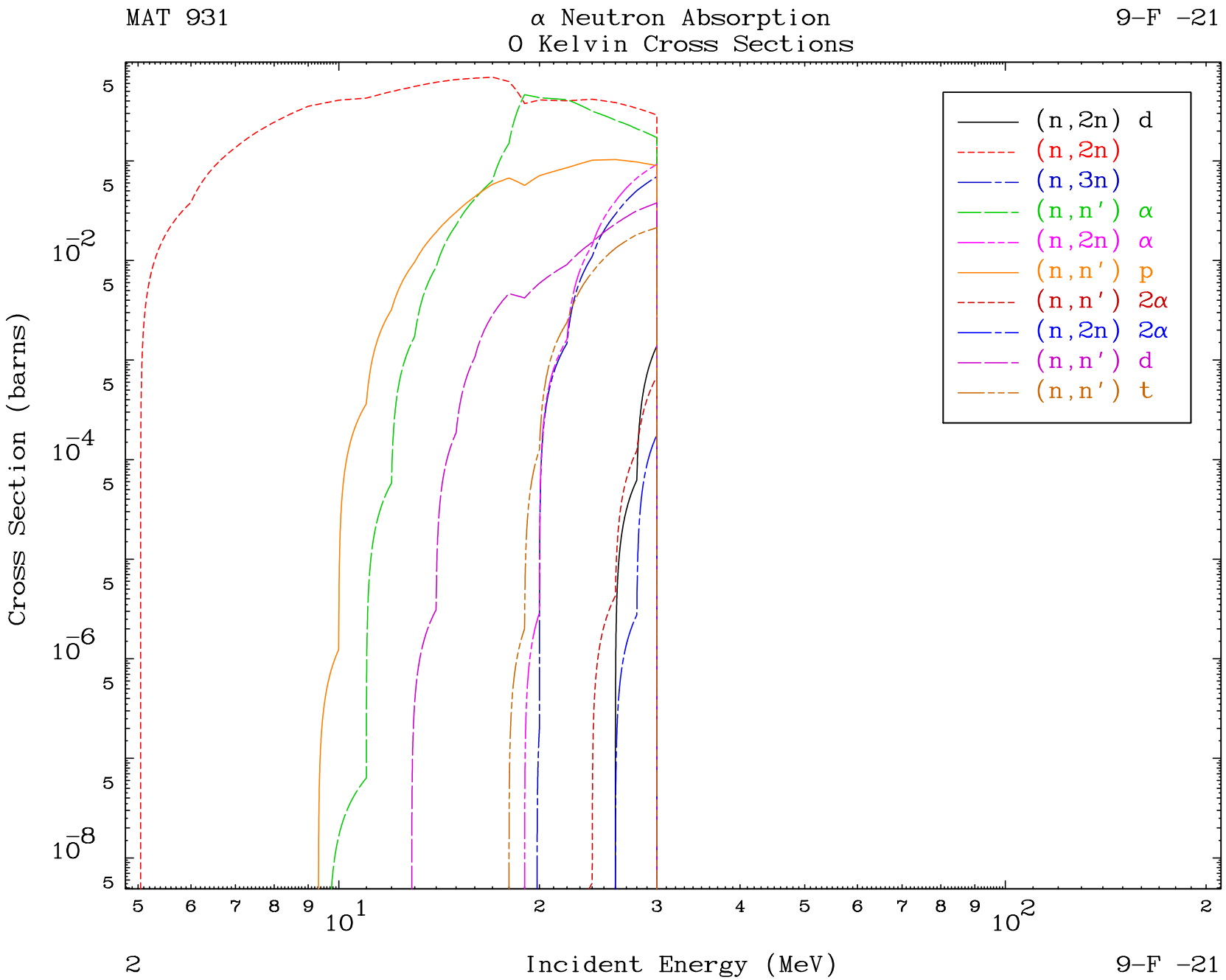
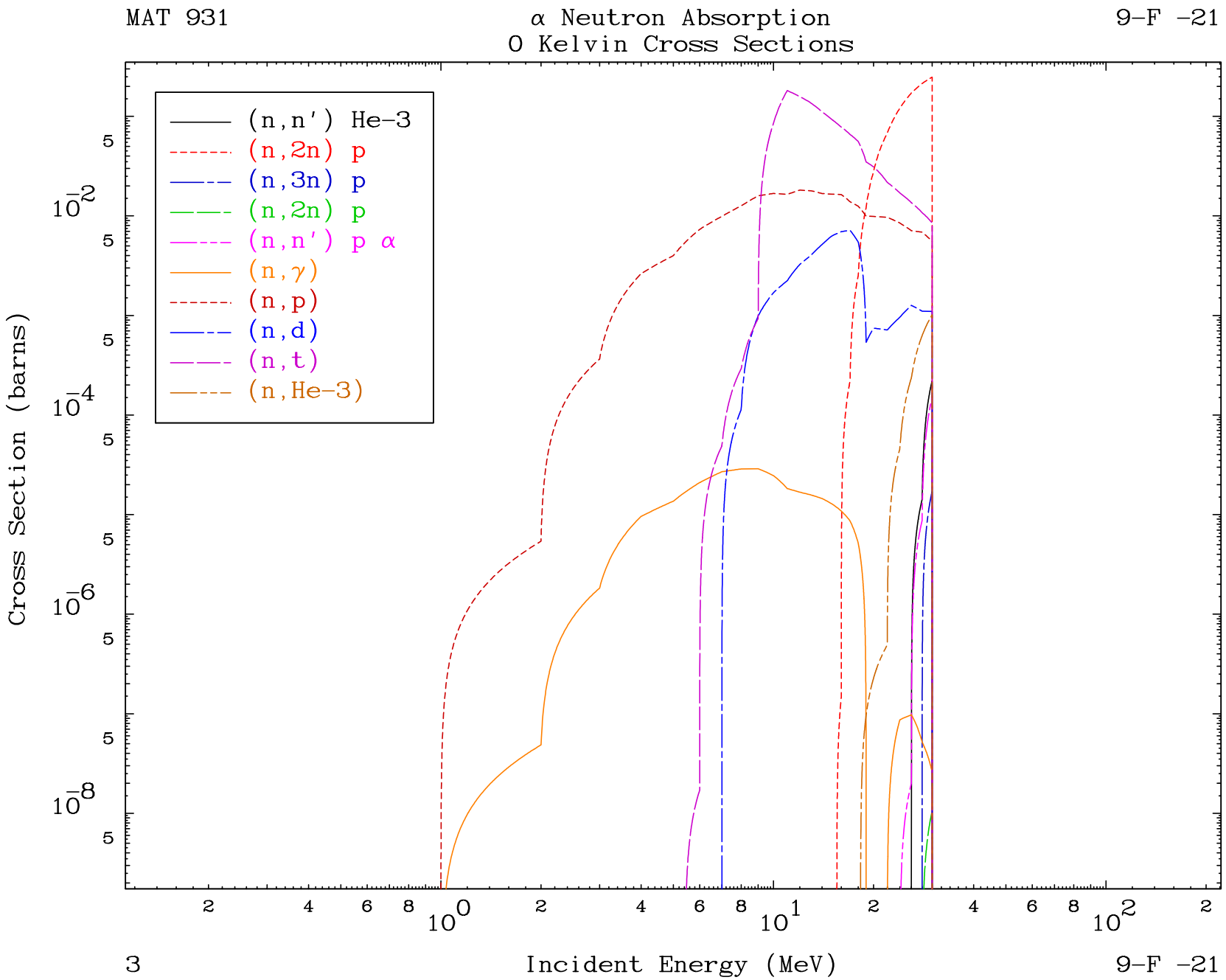
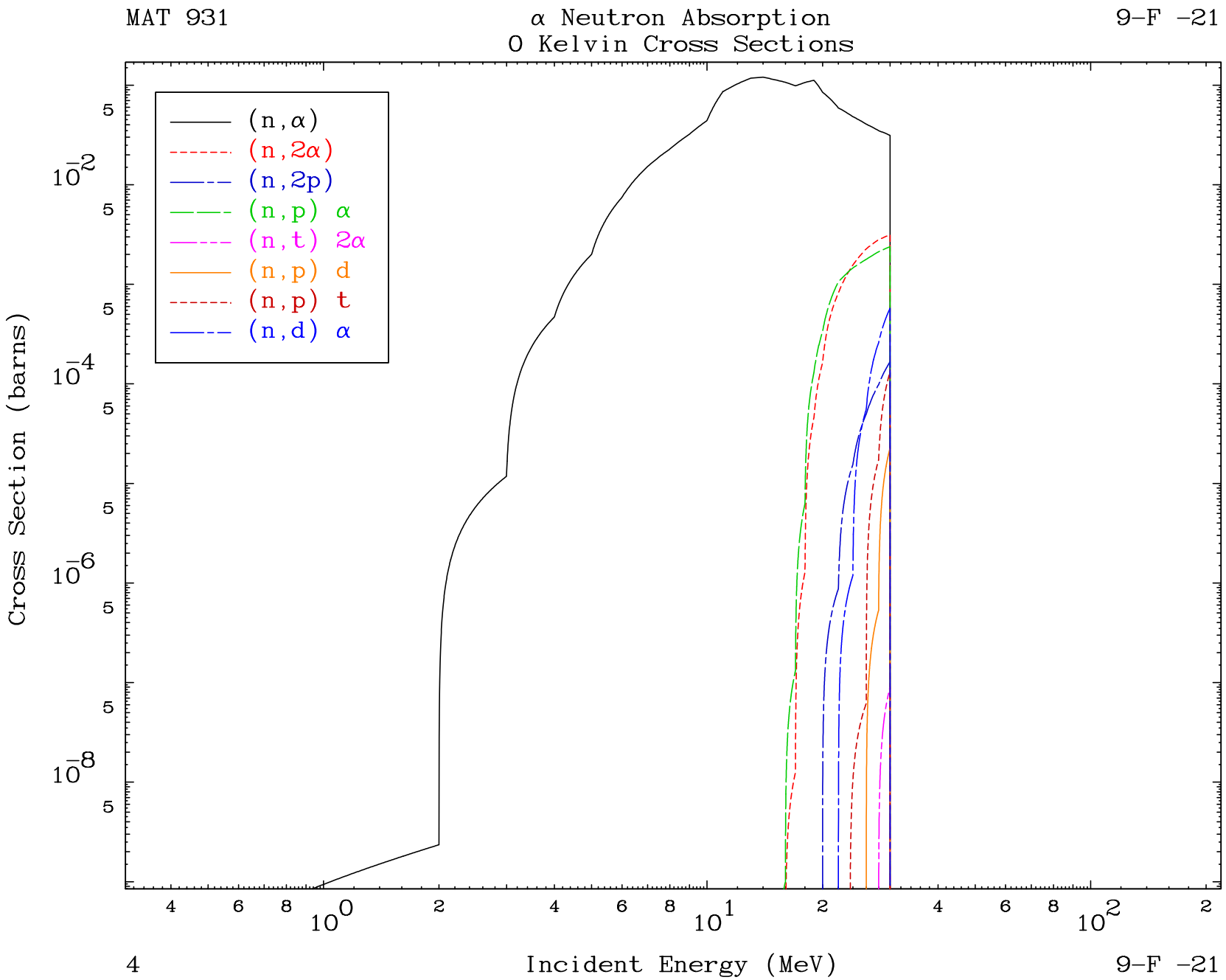
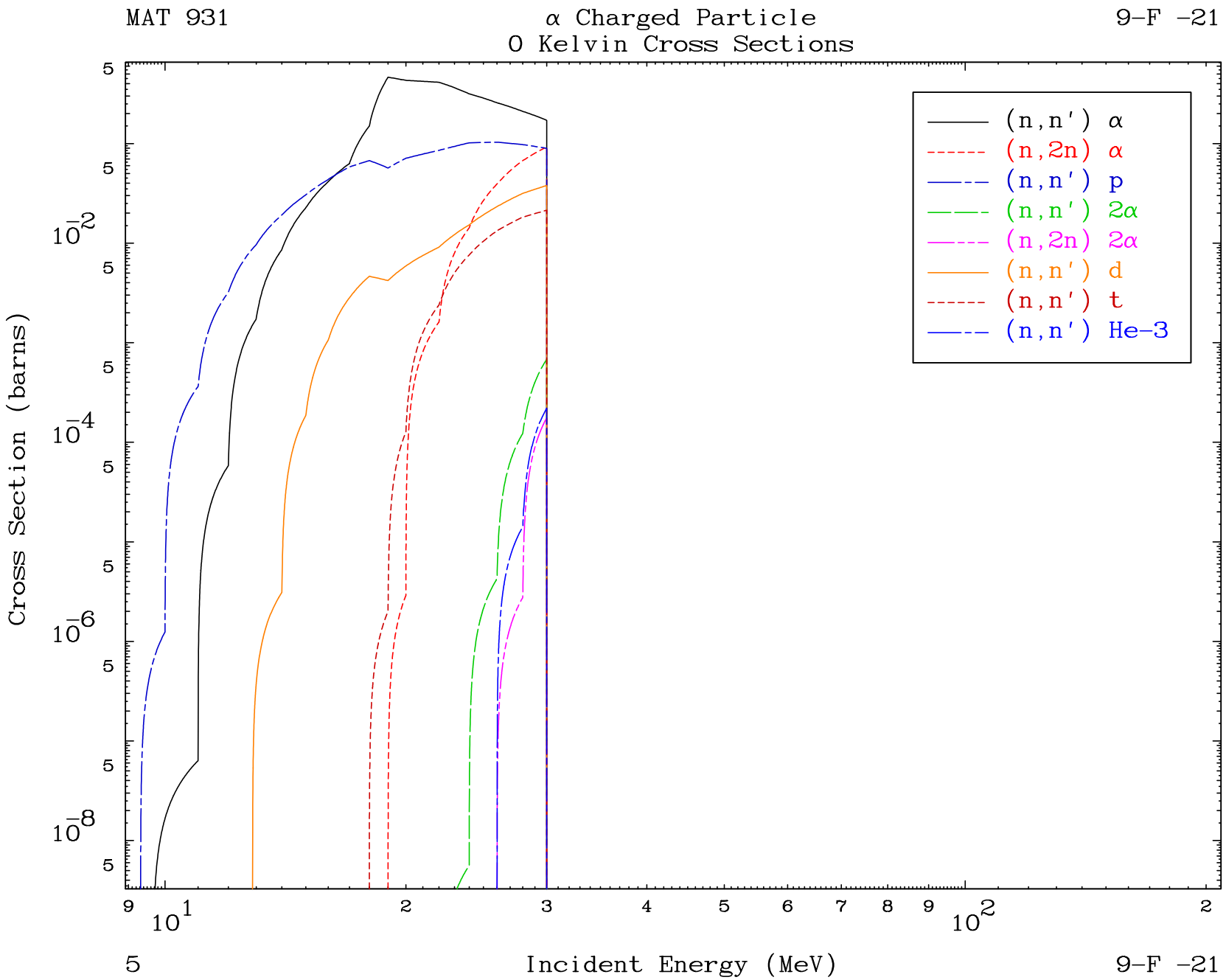
Press Mouse Button to Start

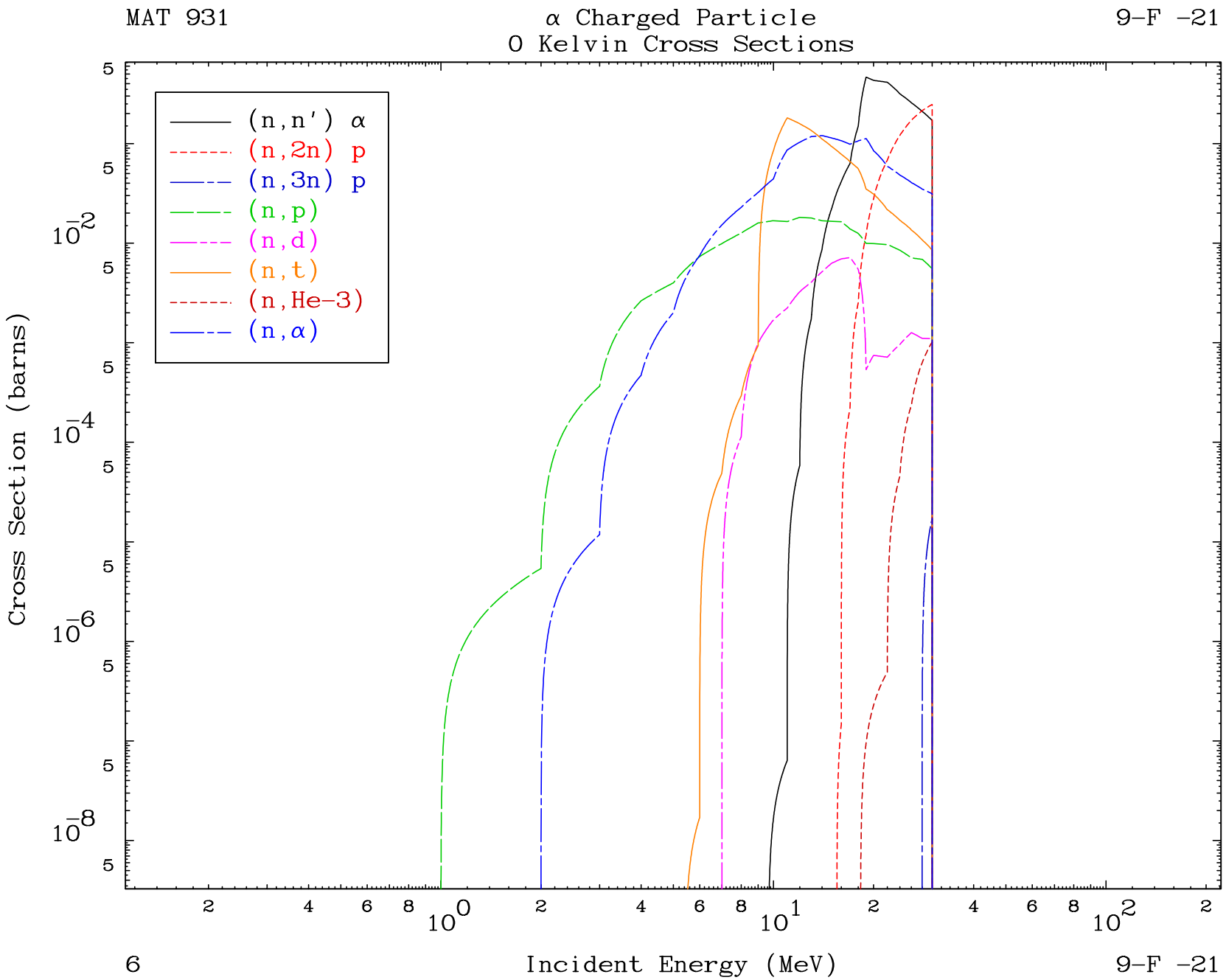

MAT 931
α Major
9-F -21
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
9-F -21

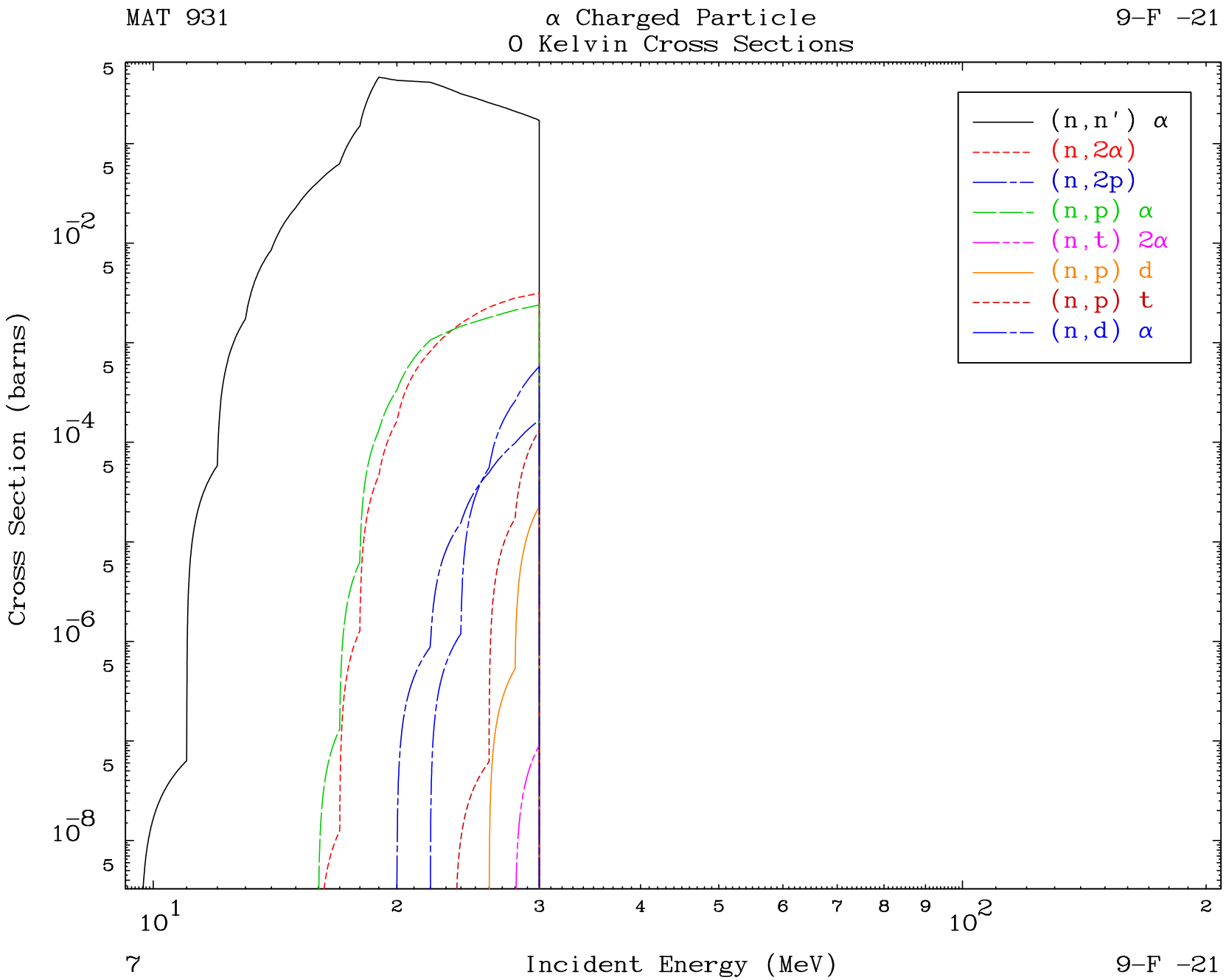

MAT 931
α Neutron Absorption
0 Kelvin Cross Sections
9-F -21
Cross Section (barns)
Incident Energy (MeV)
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t

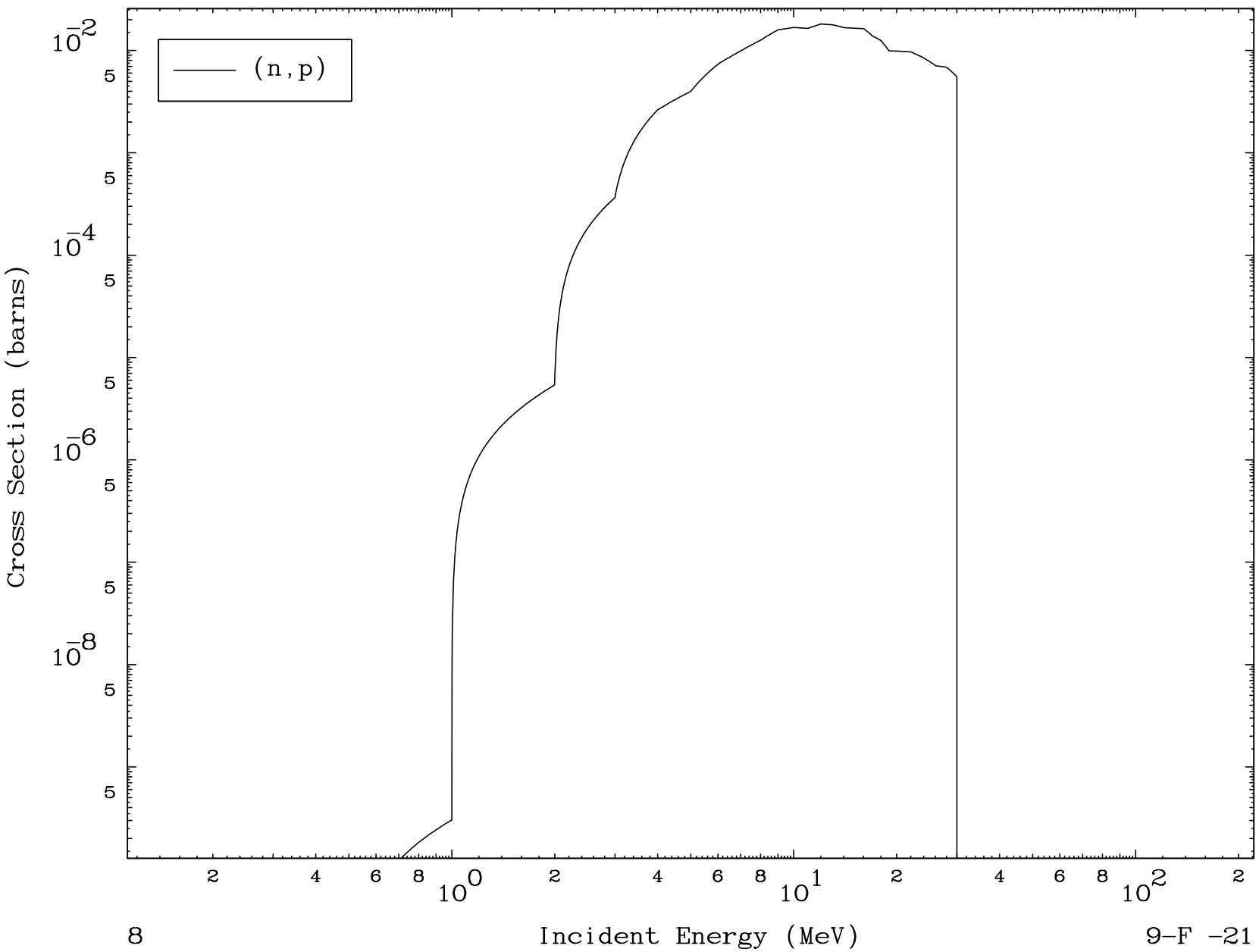

MAT 931
α Neutron Absorption
0 Kelvin Cross Sections
9-F -21
(n,n') He-3
(n,2n) p
(n,3n) p
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
3
9-F -21

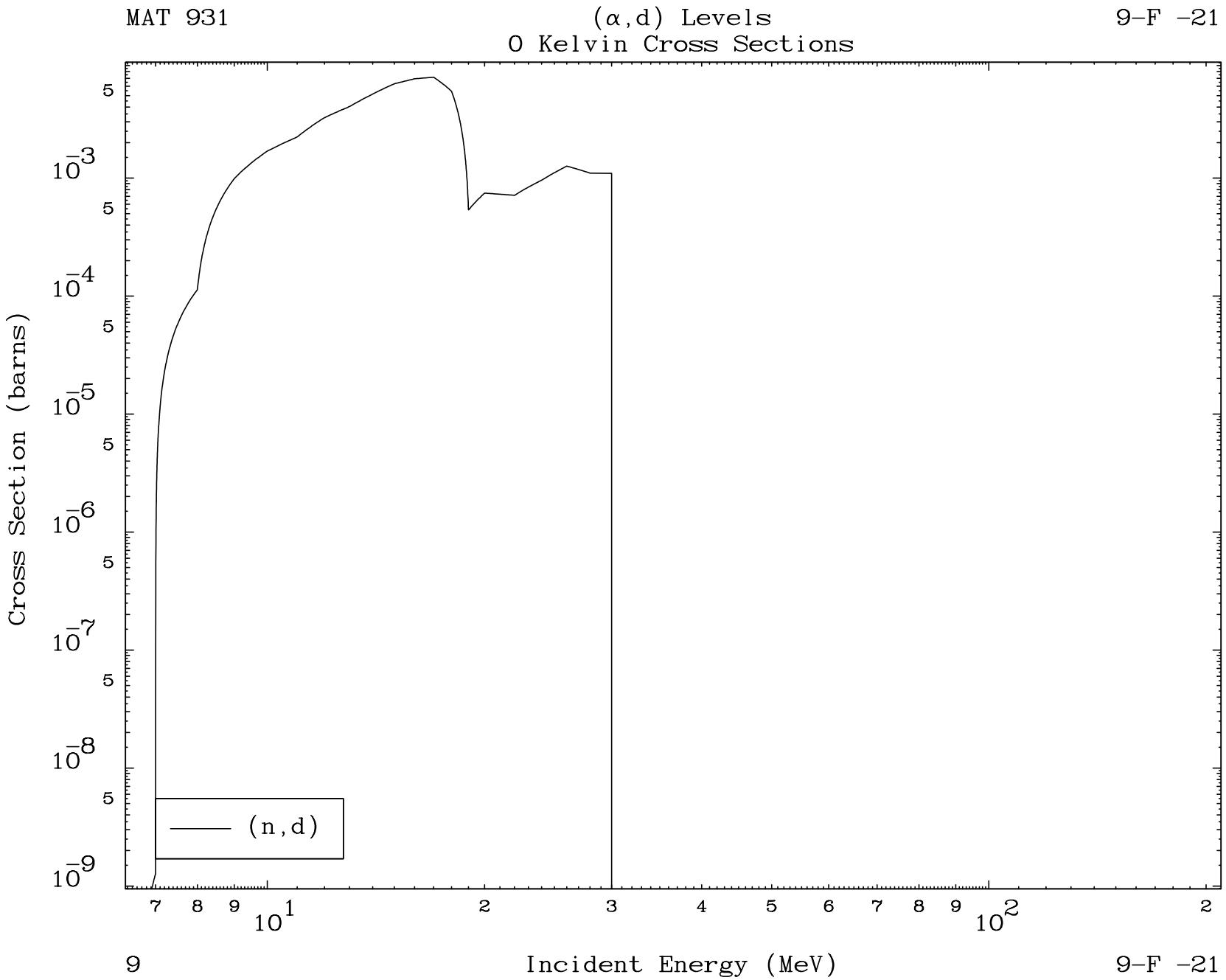

MAT 931
α Neutron Absorption
0 Kelvin Cross Sections
9-F -21
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
4
9-F -21

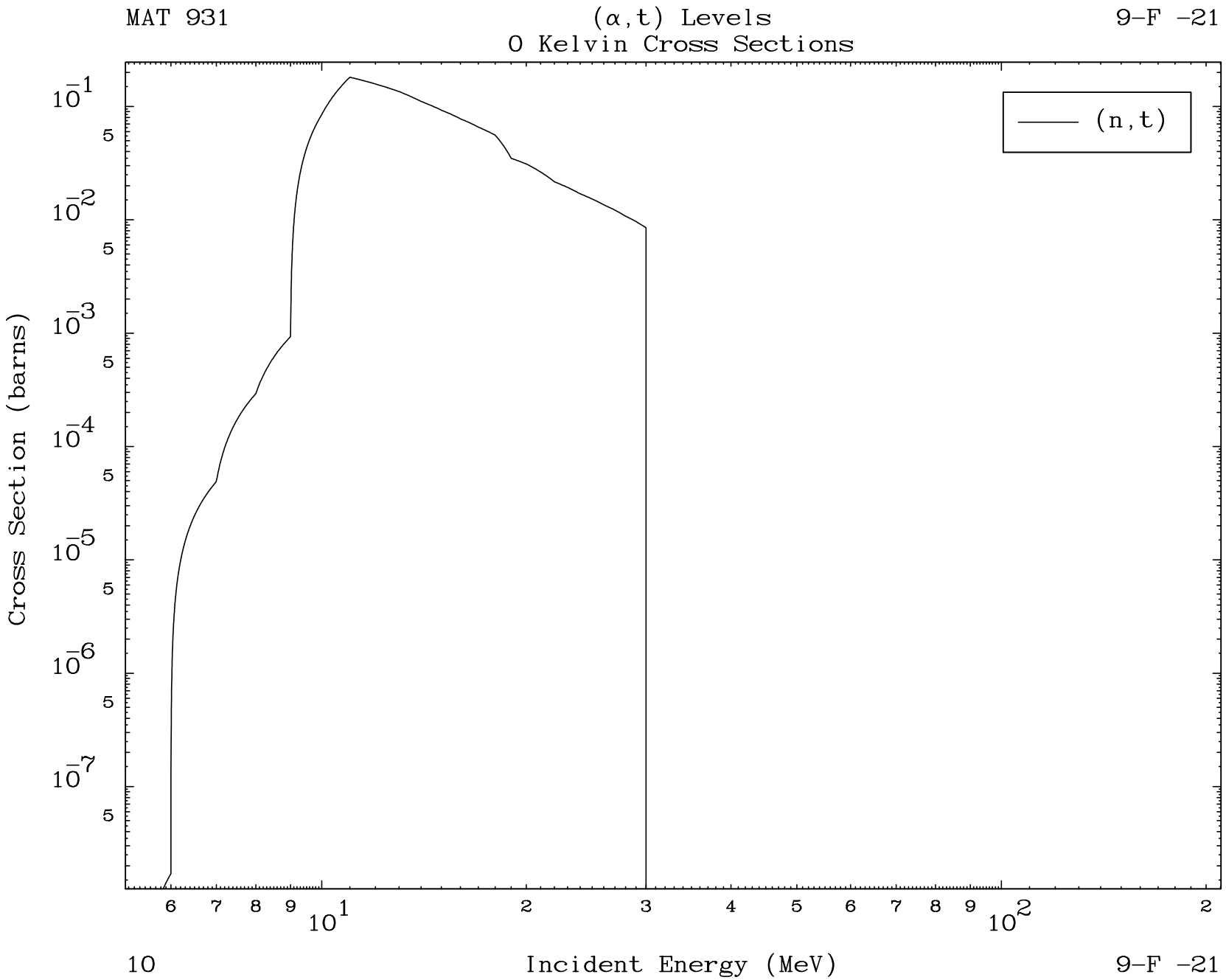

MAT 931
α Charged Particle
0 Kelvin Cross Sections
9-F -21
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2n) α
(n,n') p
(n,n') 2α
(n,2n) 2α
(n,n') d
(n,n') t
(n,n') He-3

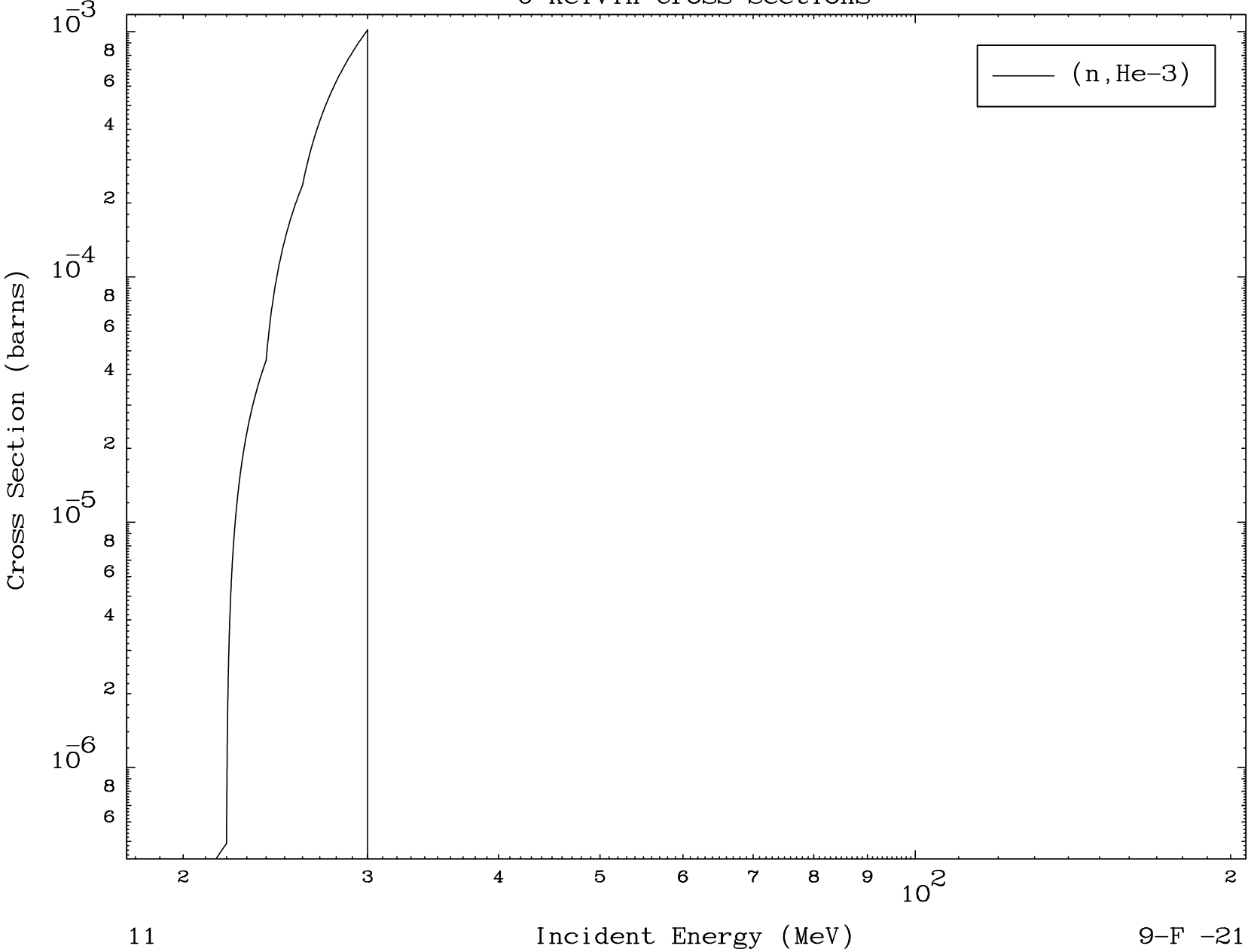

MAT 931
α Charged Particle
0 Kelvin Cross Sections
9-F -21
(n,n') α
(n,2n) p
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
6
9-F -21

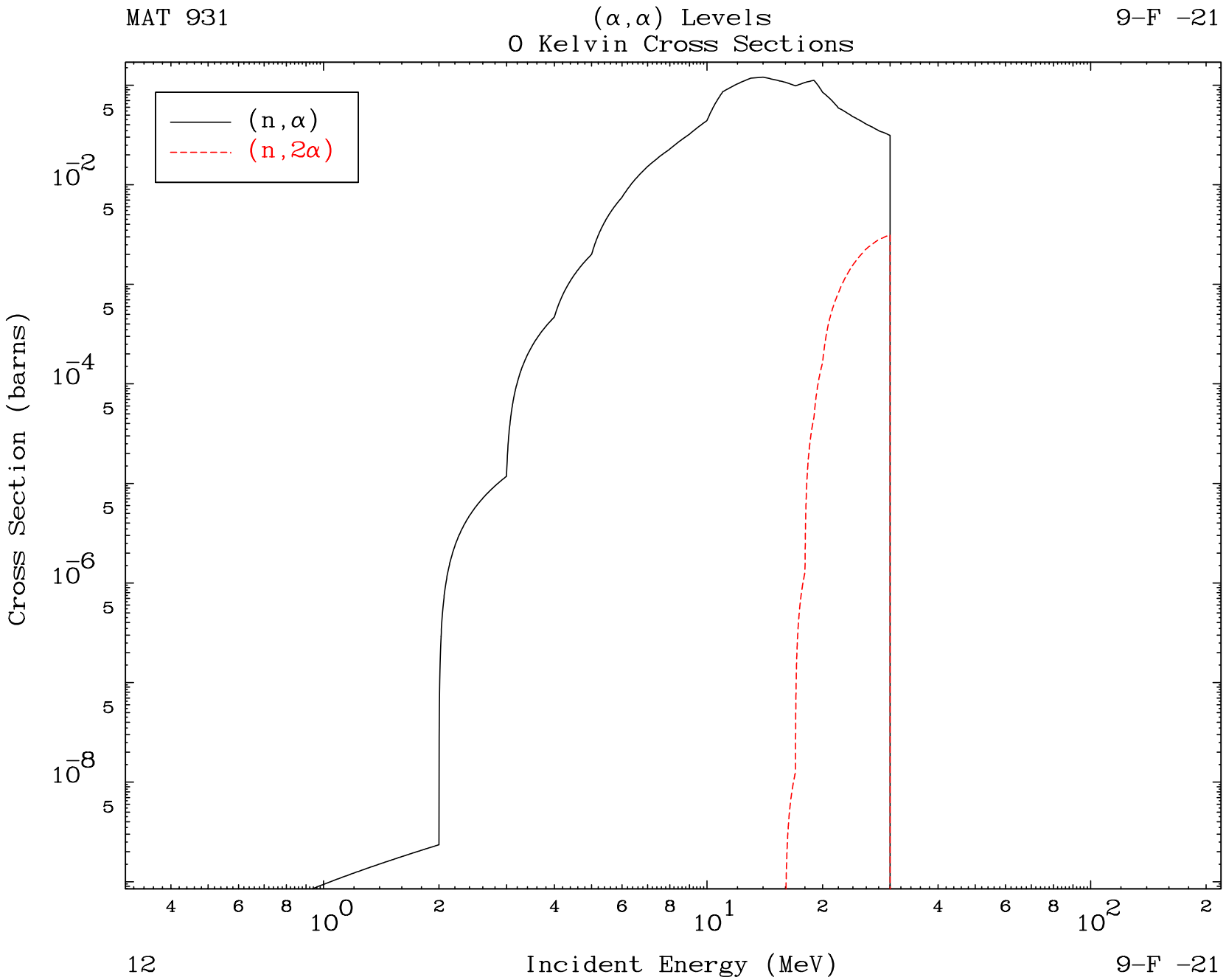

MAT 931
α Charged Particle
0 Kelvin Cross Sections
9-F -21
Cross Section (barns)
Incident Energy (MeV)
(n,n') α
(n,2α)
(n,2p)
(n,p) α
(n,t) 2α
(n,p) d
(n,p) t
(n,d) α
7
9-F -21


0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-2
10-4
10-6
10-8
5
2
4
6
8
100
101
102
Incident Energy (MeV)


MAT 931
(α,d) Levels
9-F -21
0 Kelvin Cross Sections
Cross Section (barns)
10-3
10-4
10-5
10-6
10-7
10-8
10-9
(n,d)
7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
9
Incident Energy (MeV)
9-F -21


MAT 931
(α,t) Levels
9-F -21
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
Incident Energy (MeV)
10
9-F -21


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


MAT 931
(α,α) Levels
9-F -21
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10-2
10-4
10-6
10-8
10^0
10^1
10^2
Incident Energy (MeV)
12
9-F -21