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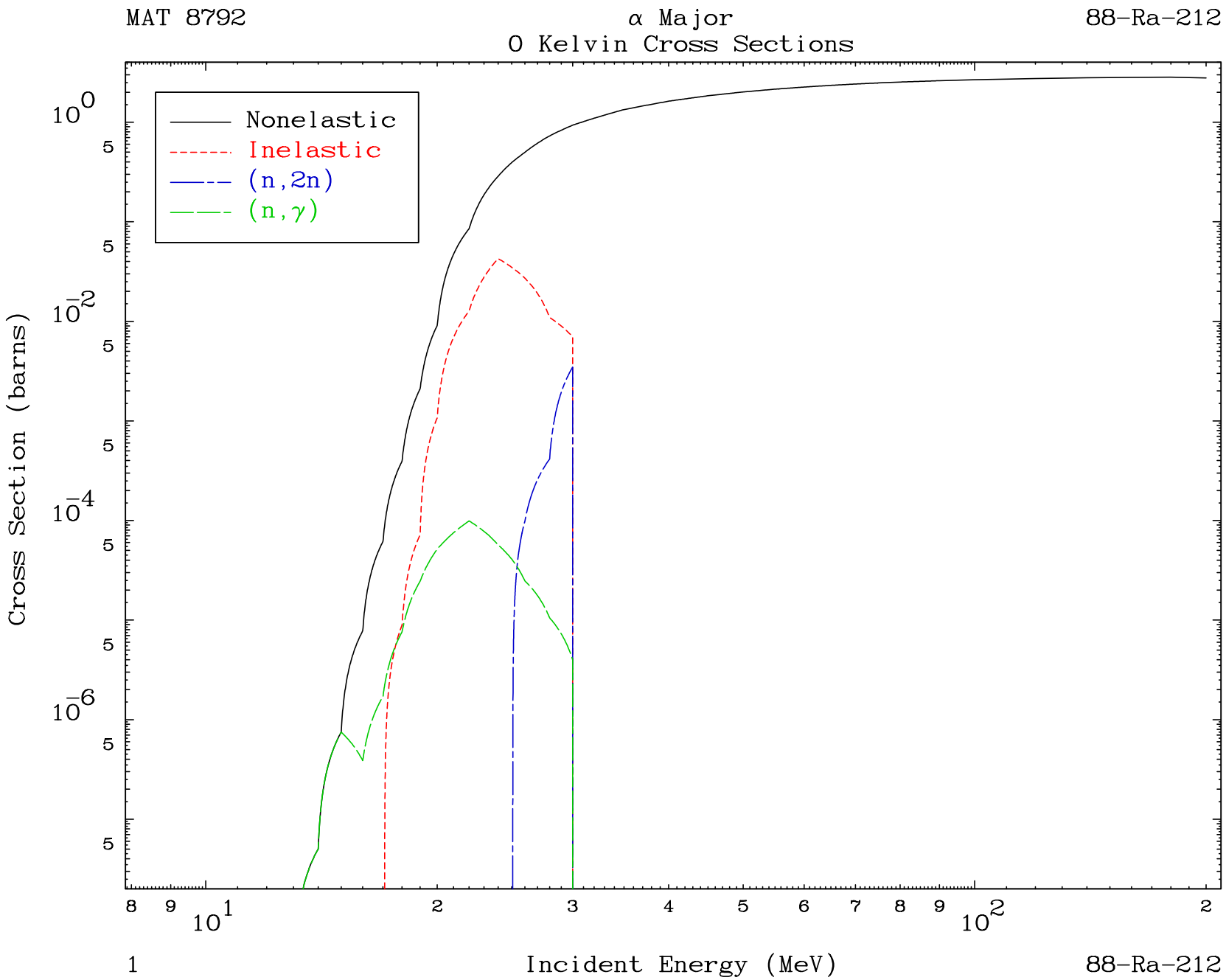
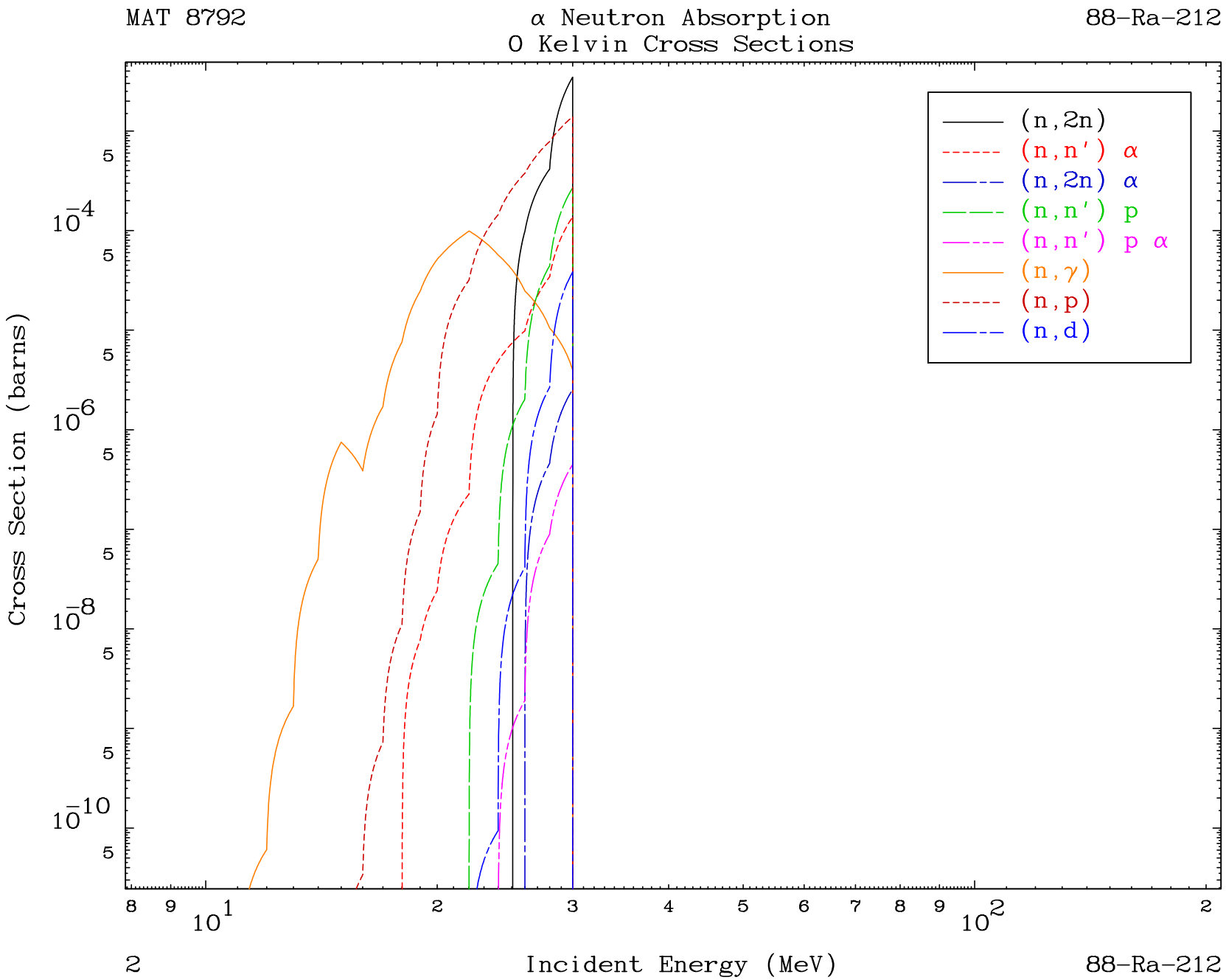
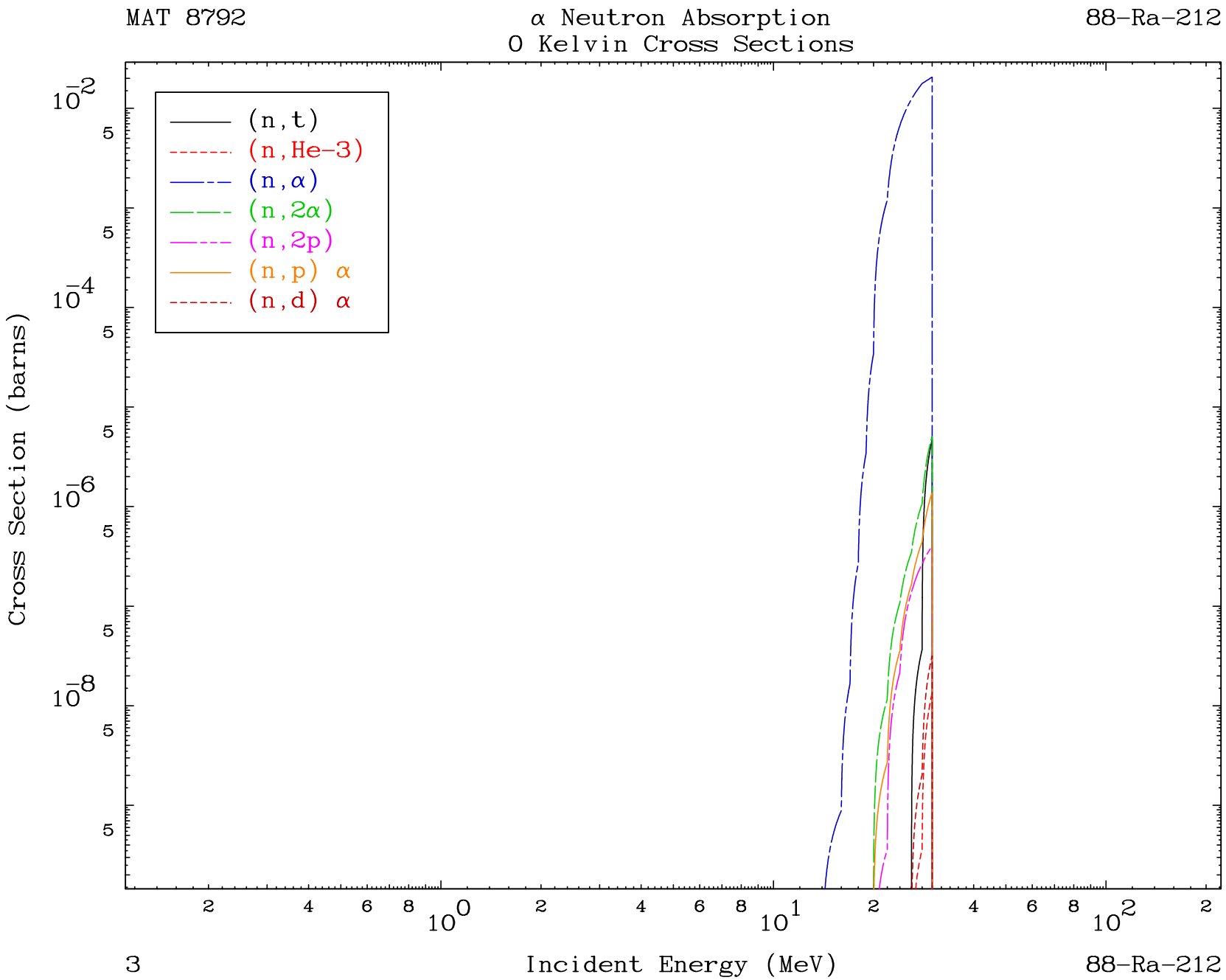
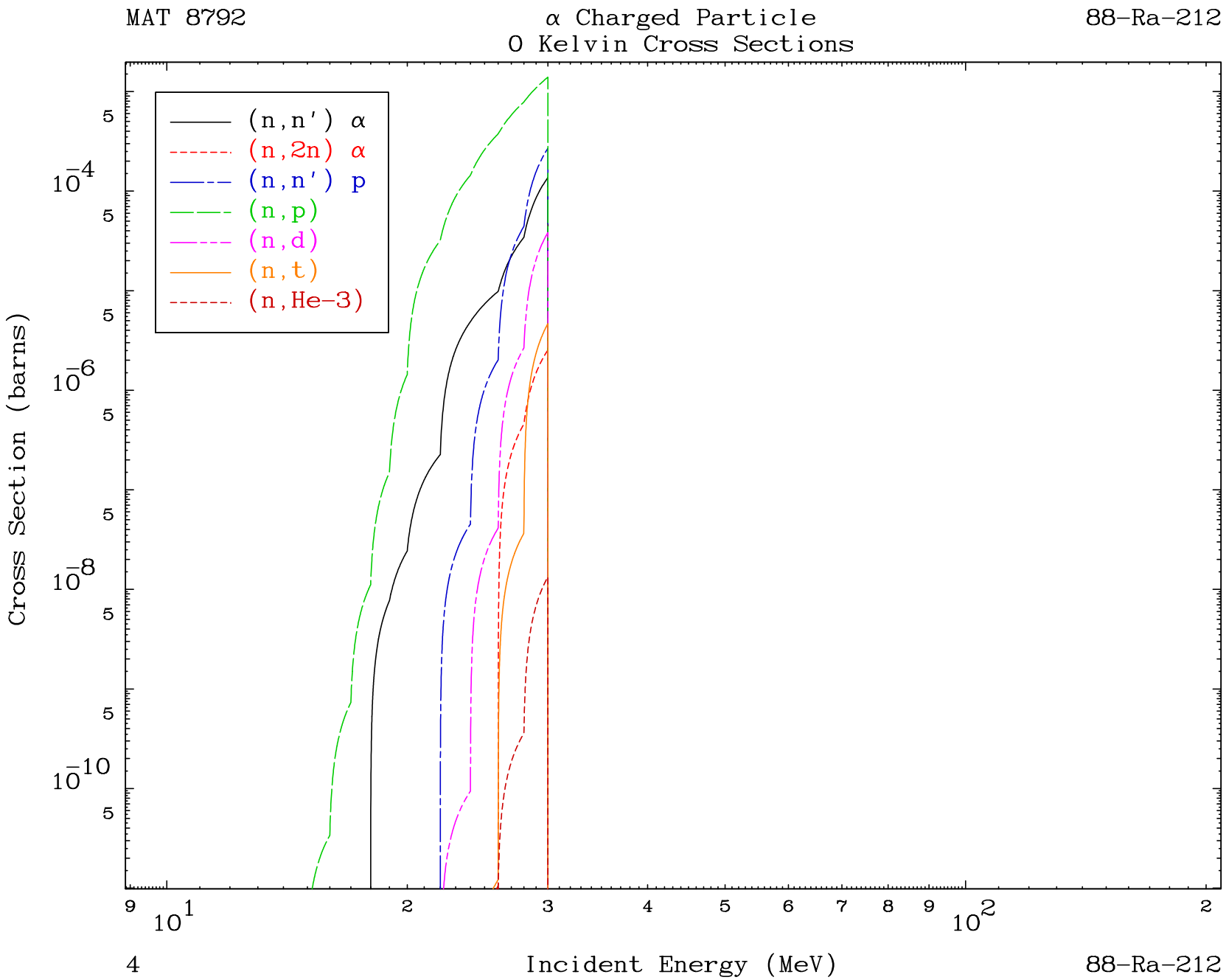
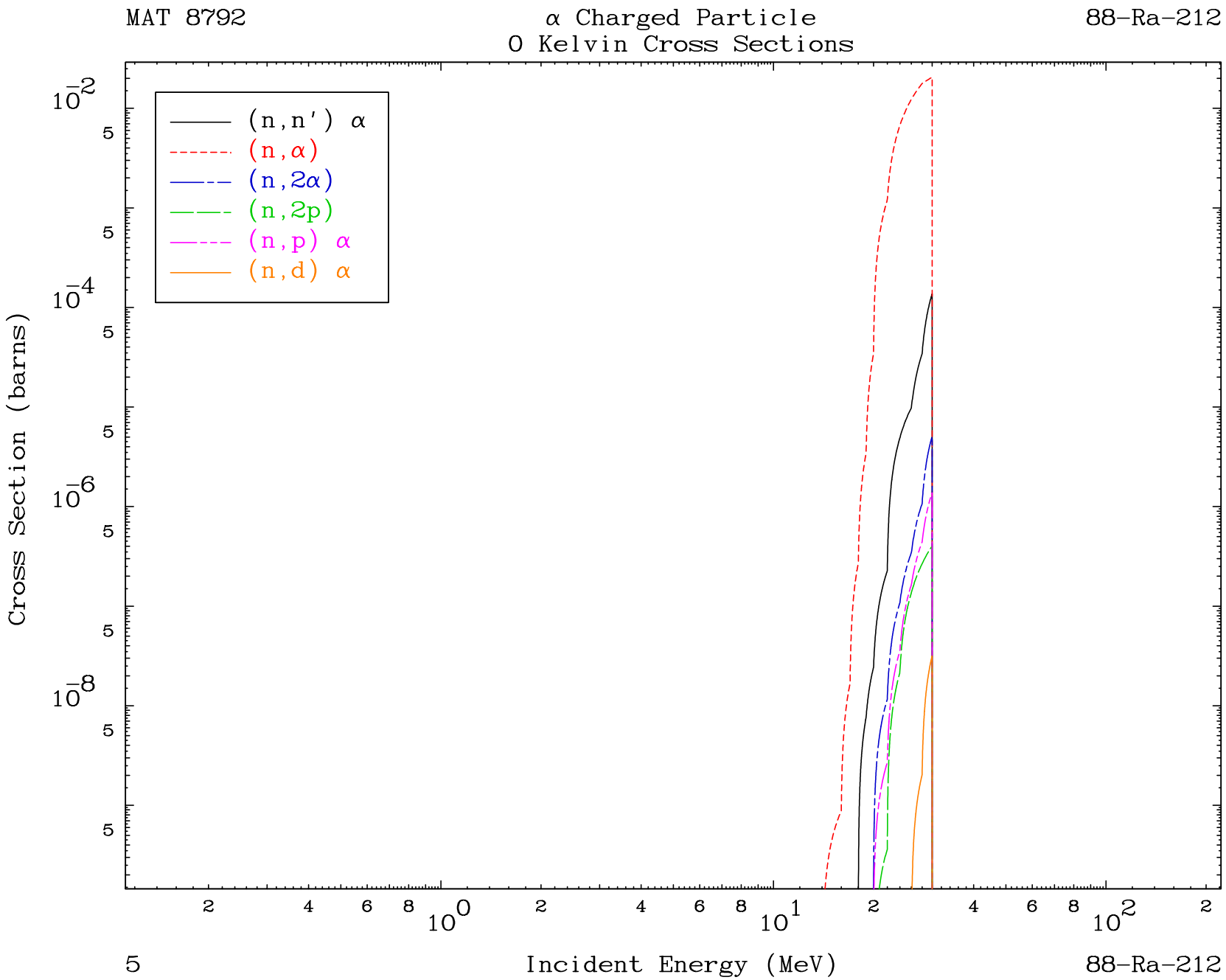
Press Mouse Button to Start

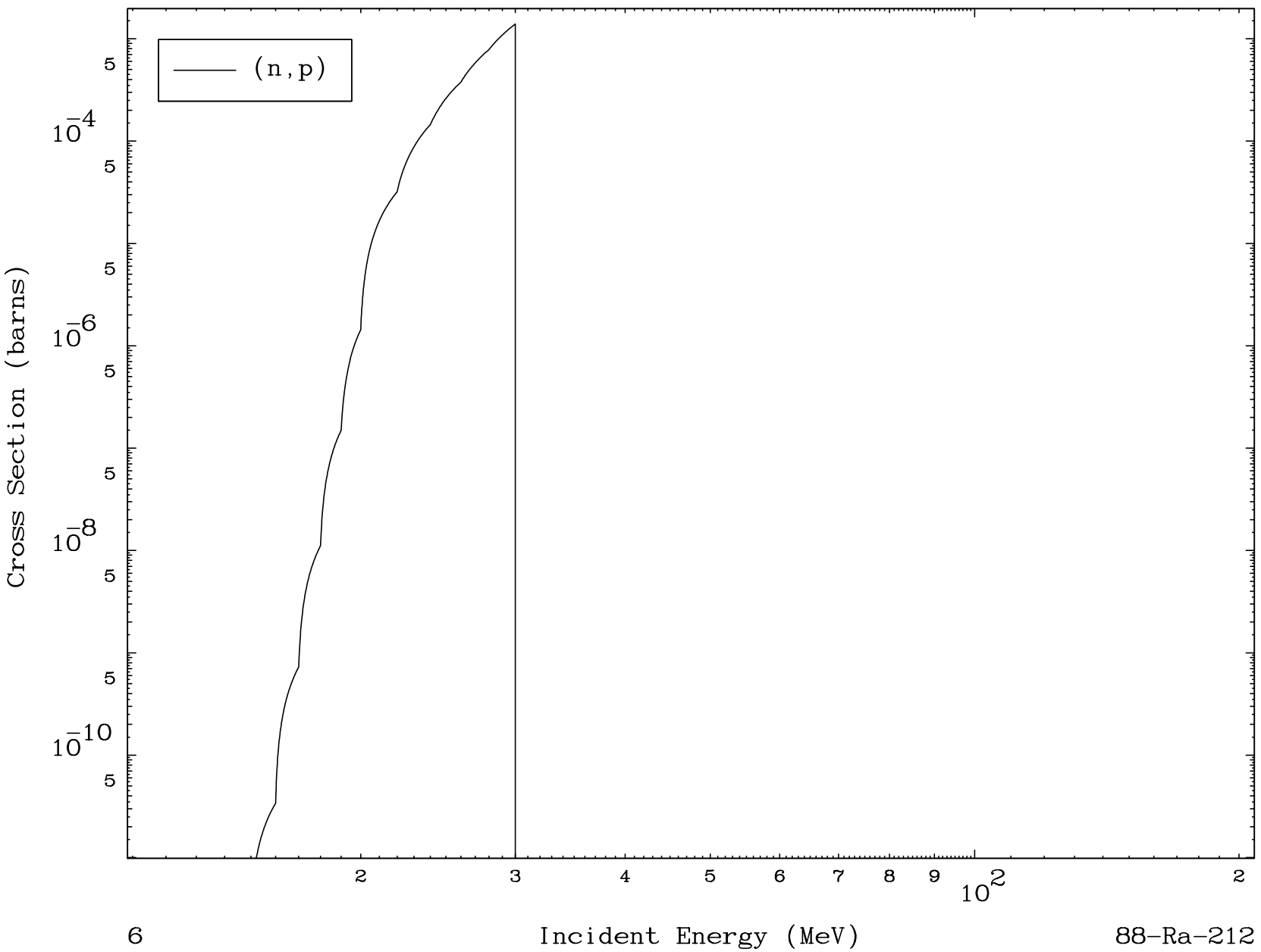

MAT 8792
α Major
88-Ra-212
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
10^0
10^-2
10^-4
10^-6
5
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
1
Incident Energy (MeV)
88-Ra-212

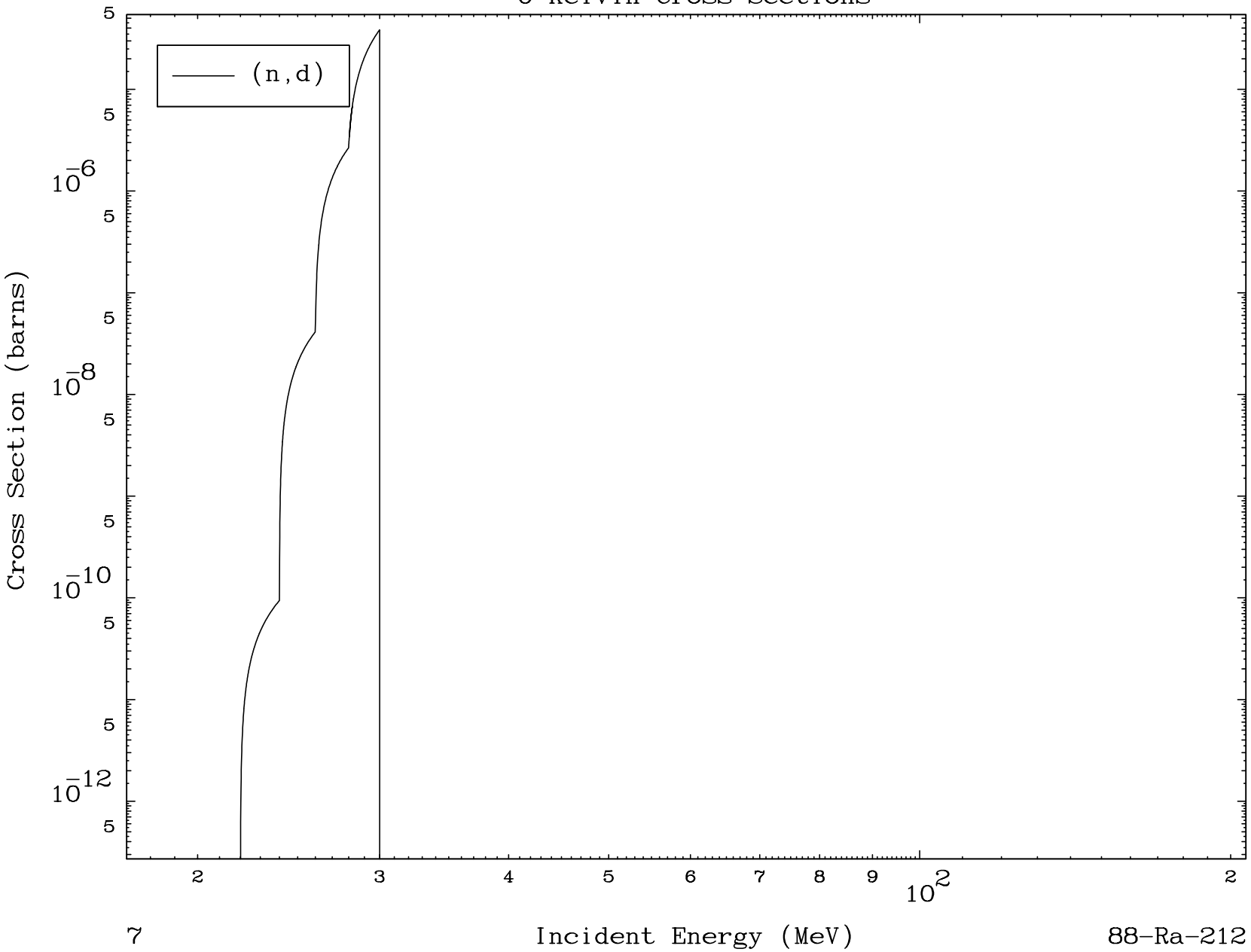

MAT 8792
α Neutron Absorption
0 Kelvin Cross Sections
88-Ra-212
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
88-Ra-212

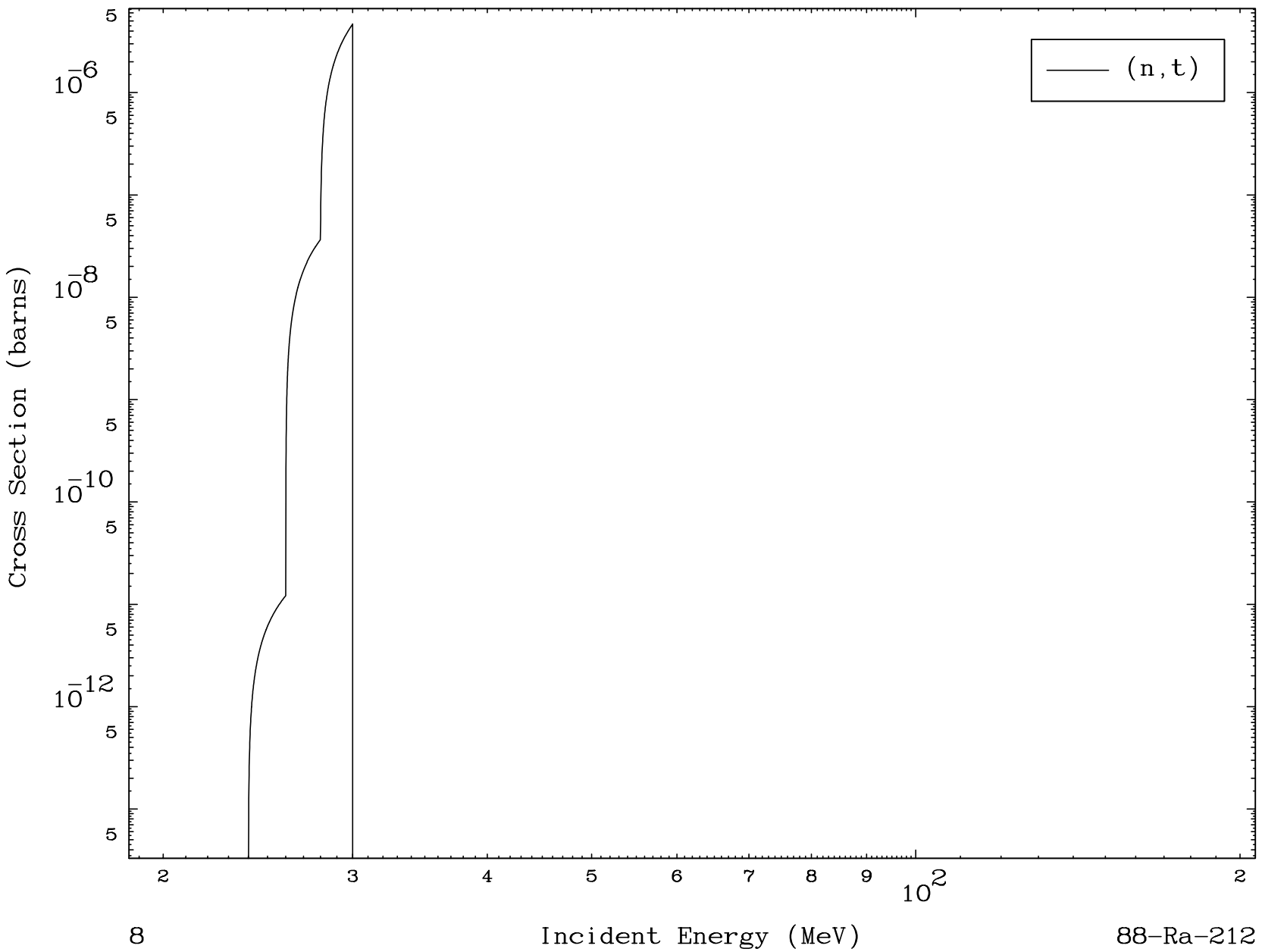

MAT 8792
α Neutron Absorption
0 Kelvin Cross Sections
88-Ra-212
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
3
88-Ra-212

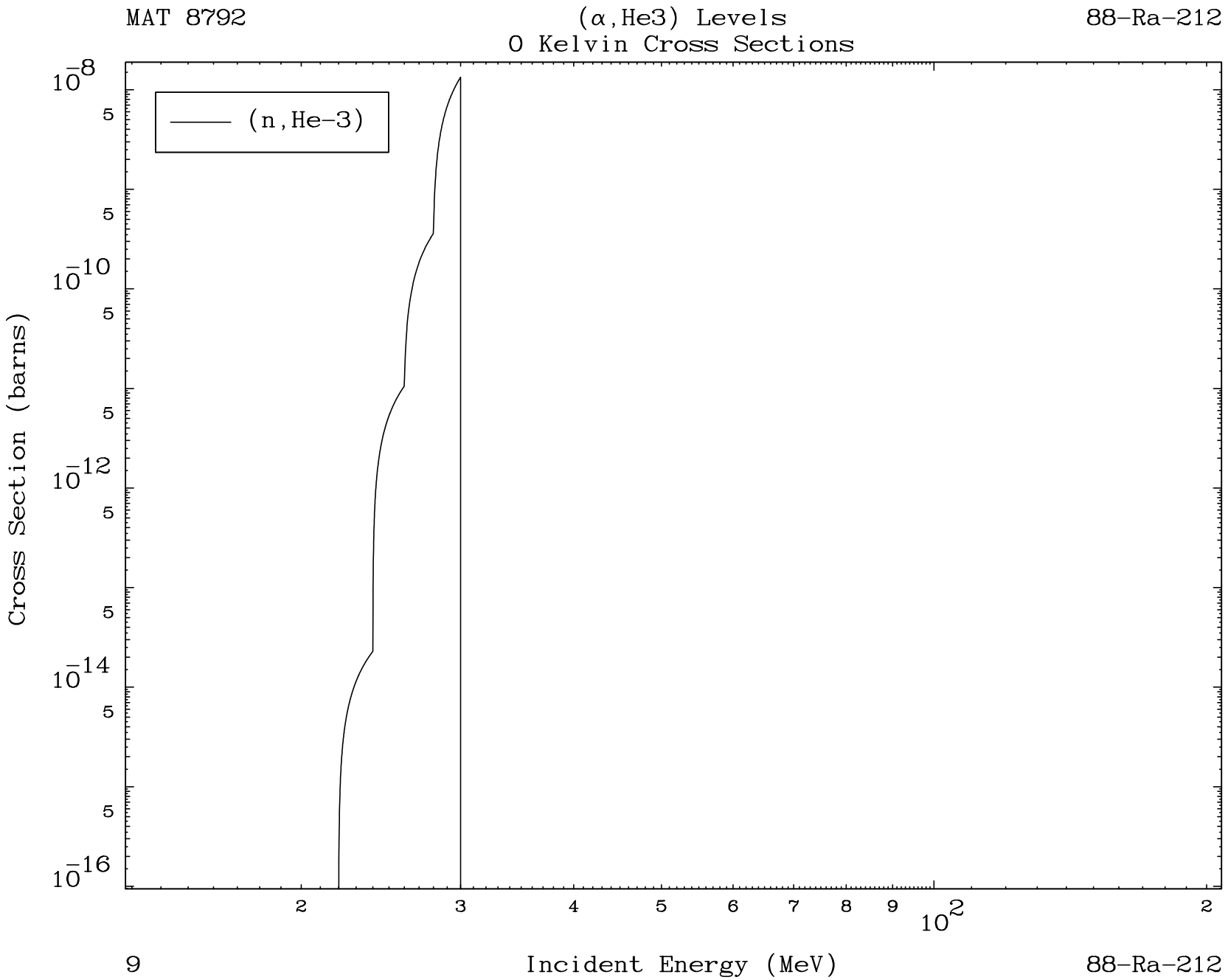

MAT 8792
α Charged Particle
0 Kelvin Cross Sections
88-Ra-212
(n,n') α
(n,2n) α
(n,n') p
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-212
4

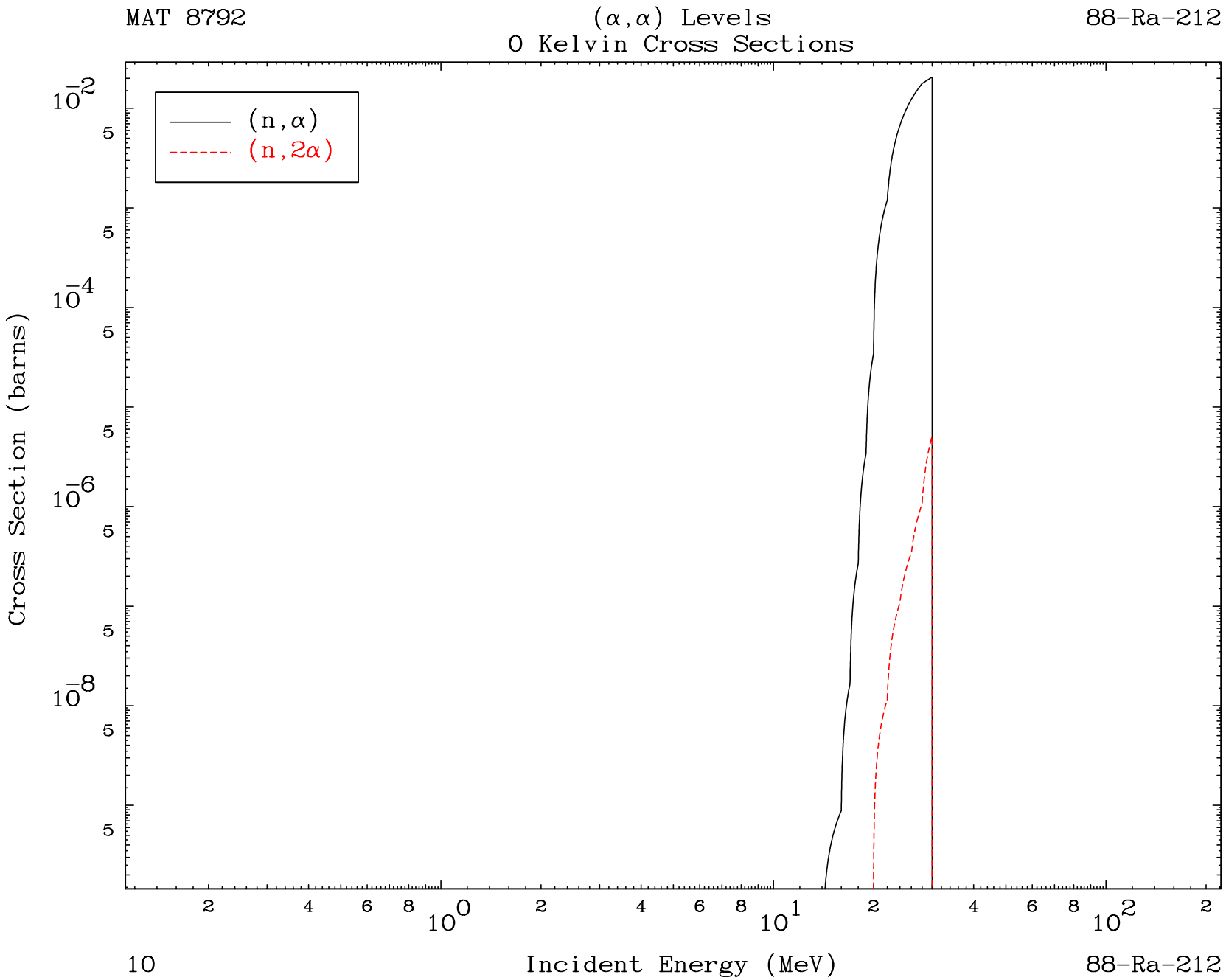

MAT 8792
α Charged Particle
0 Kelvin Cross Sections
88-Ra-212
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,d) α
Cross Section (barns)
Incident Energy (MeV)
88-Ra-212
5

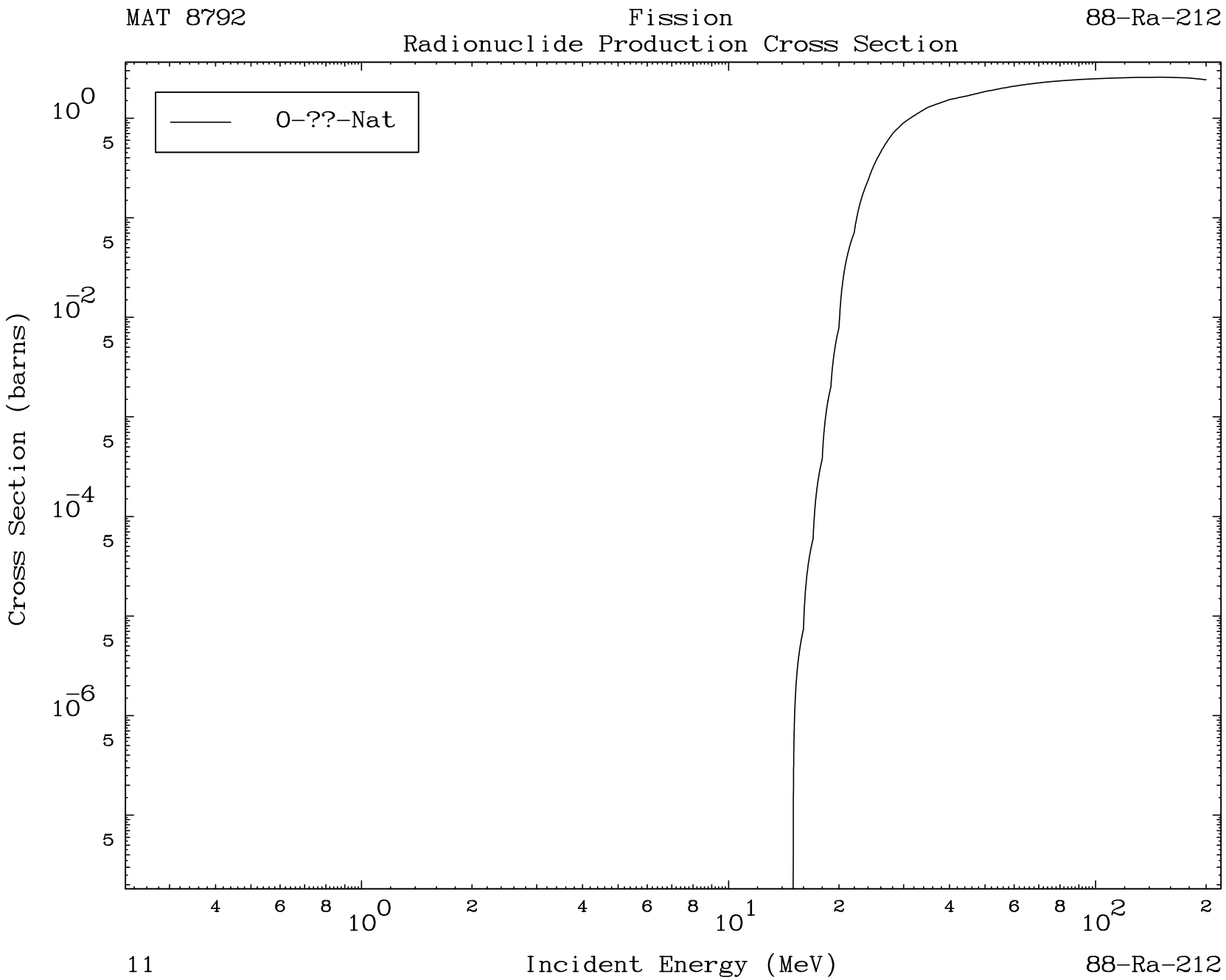

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
Incident Energy (MeV)


0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)


MAT 8792
(α,He3) Levels
88-Ra-212
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
10^-16
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
88-Ra-212


MAT 8792
(α,α) Levels
88-Ra-212
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-212


MAT 8792
Fission
88-Ra-212
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
88-Ra-212