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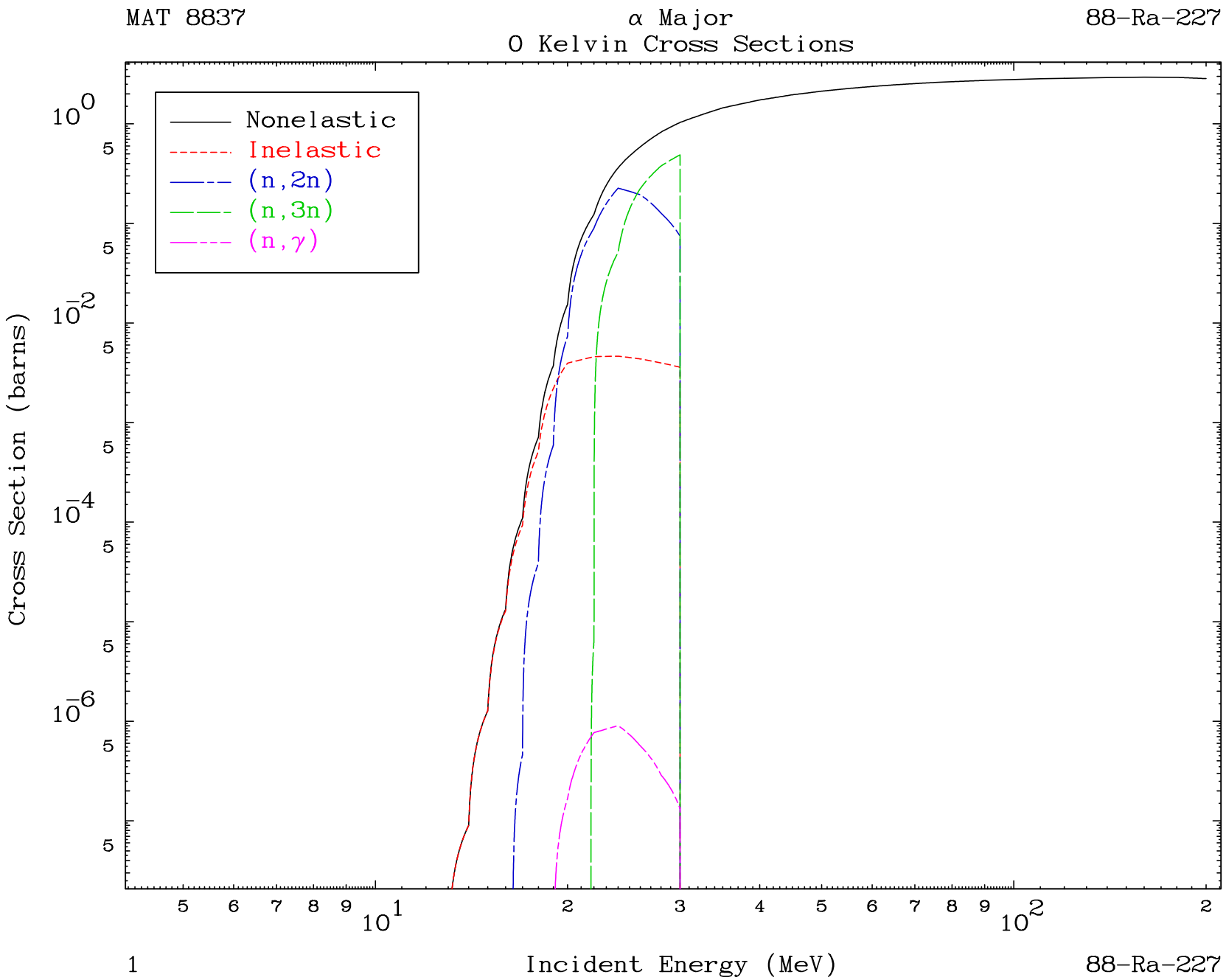
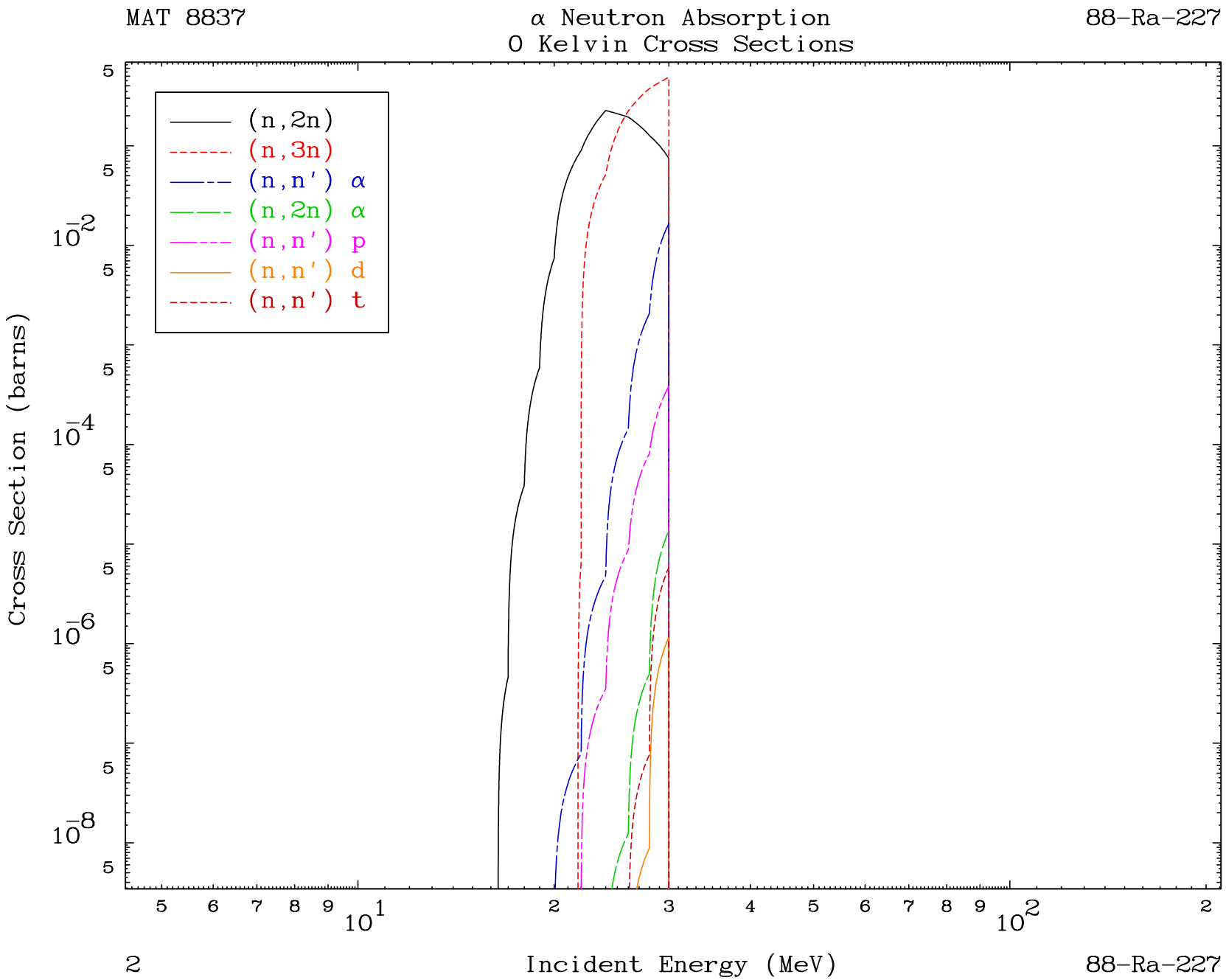
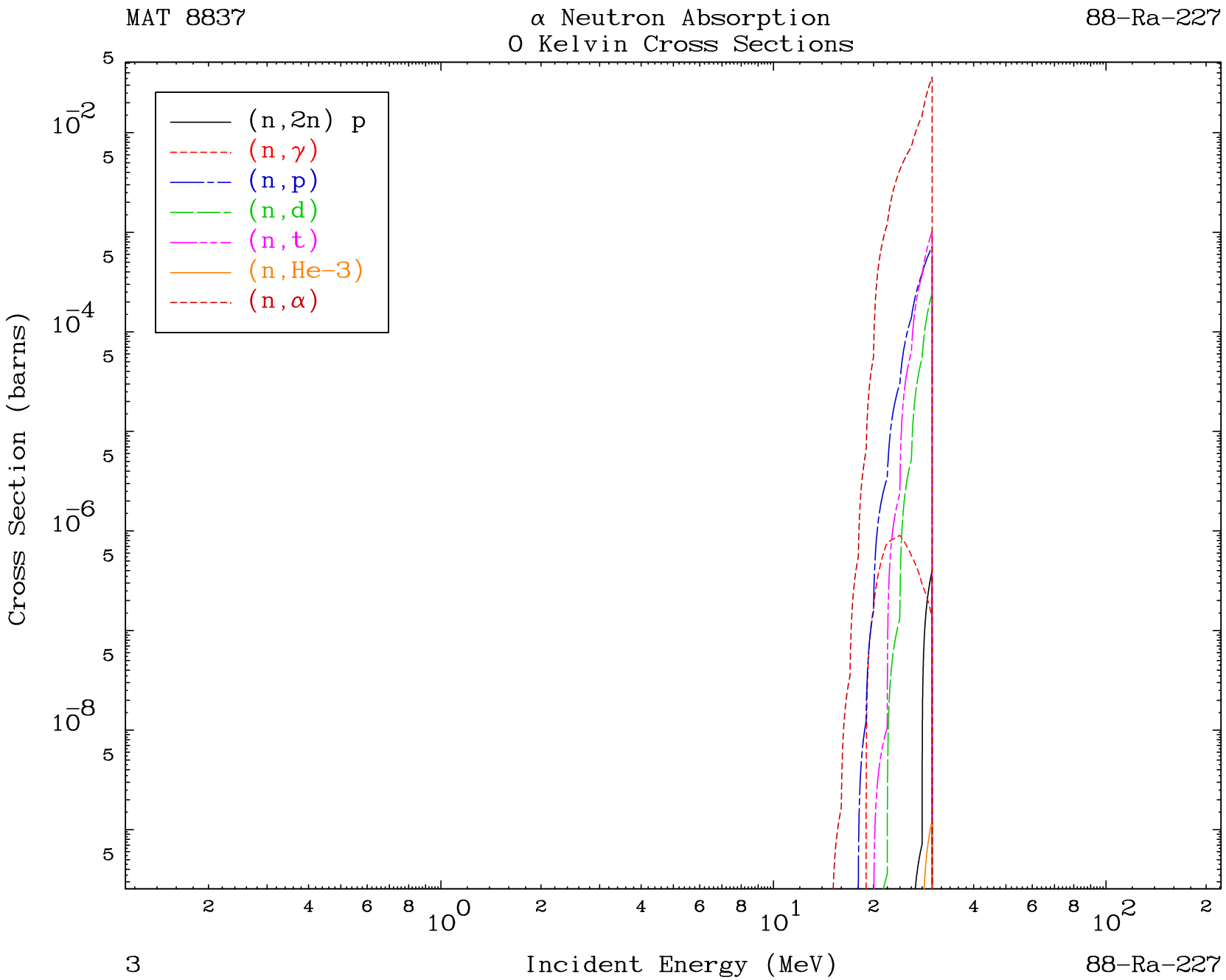
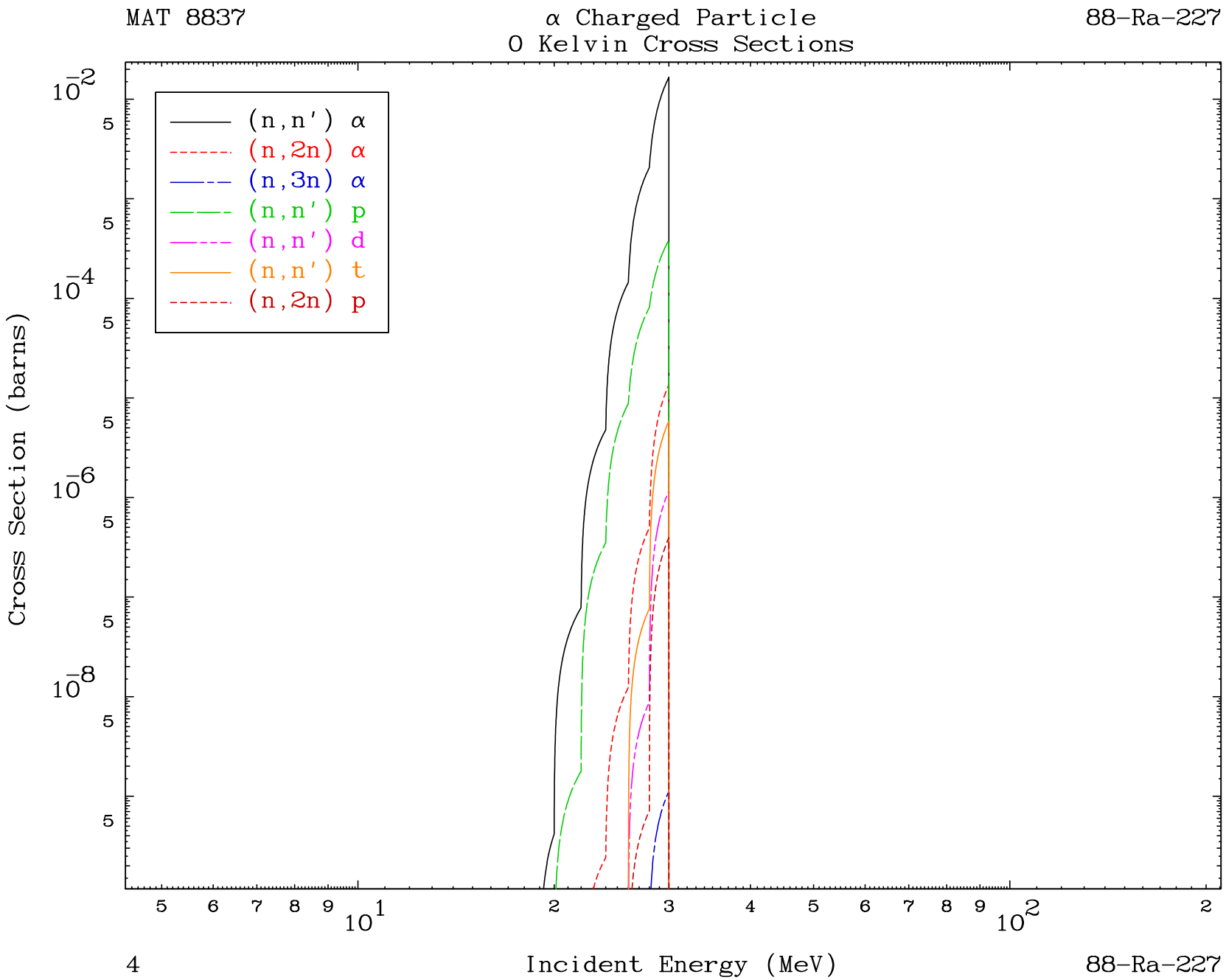
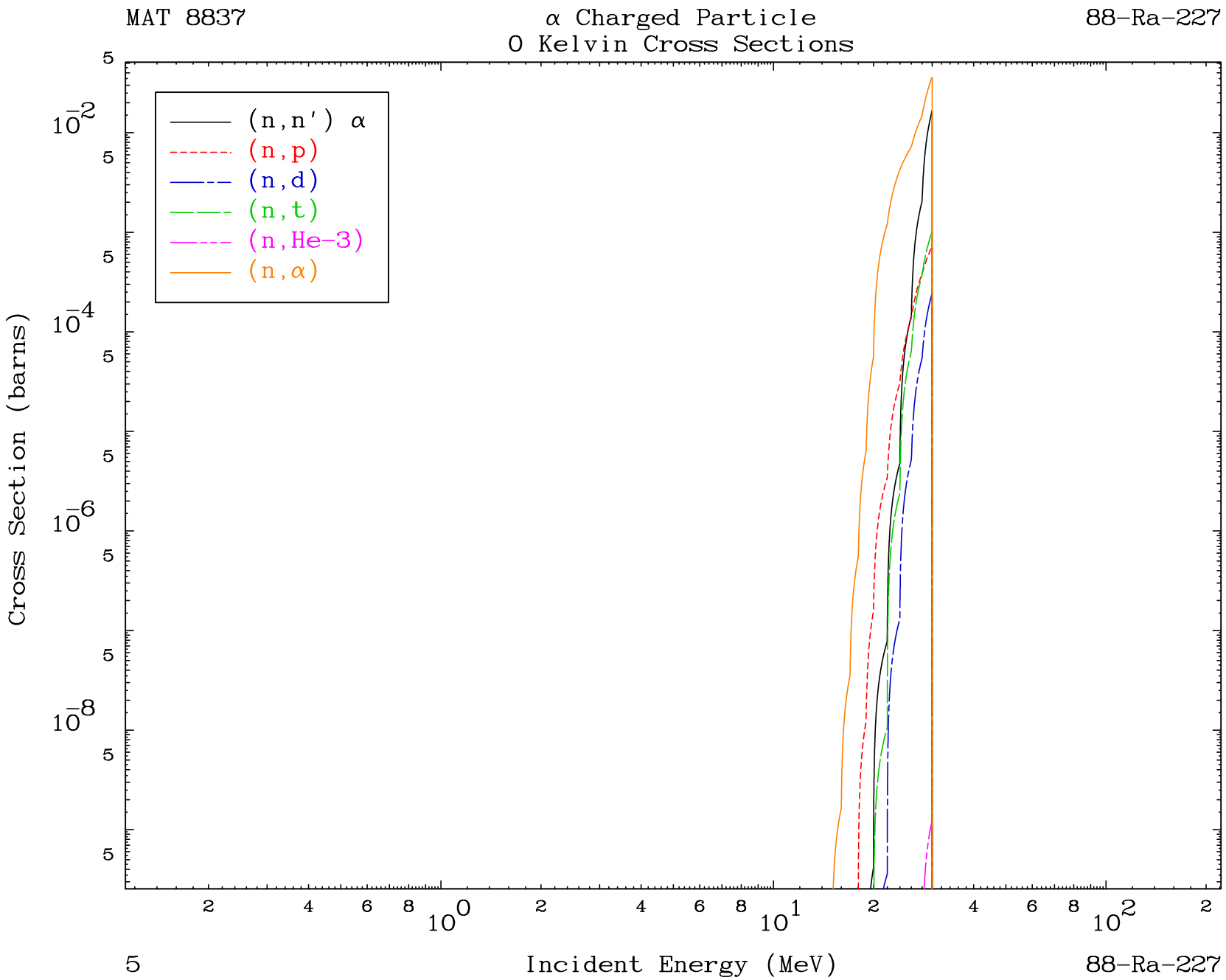
Press Mouse Button to Start

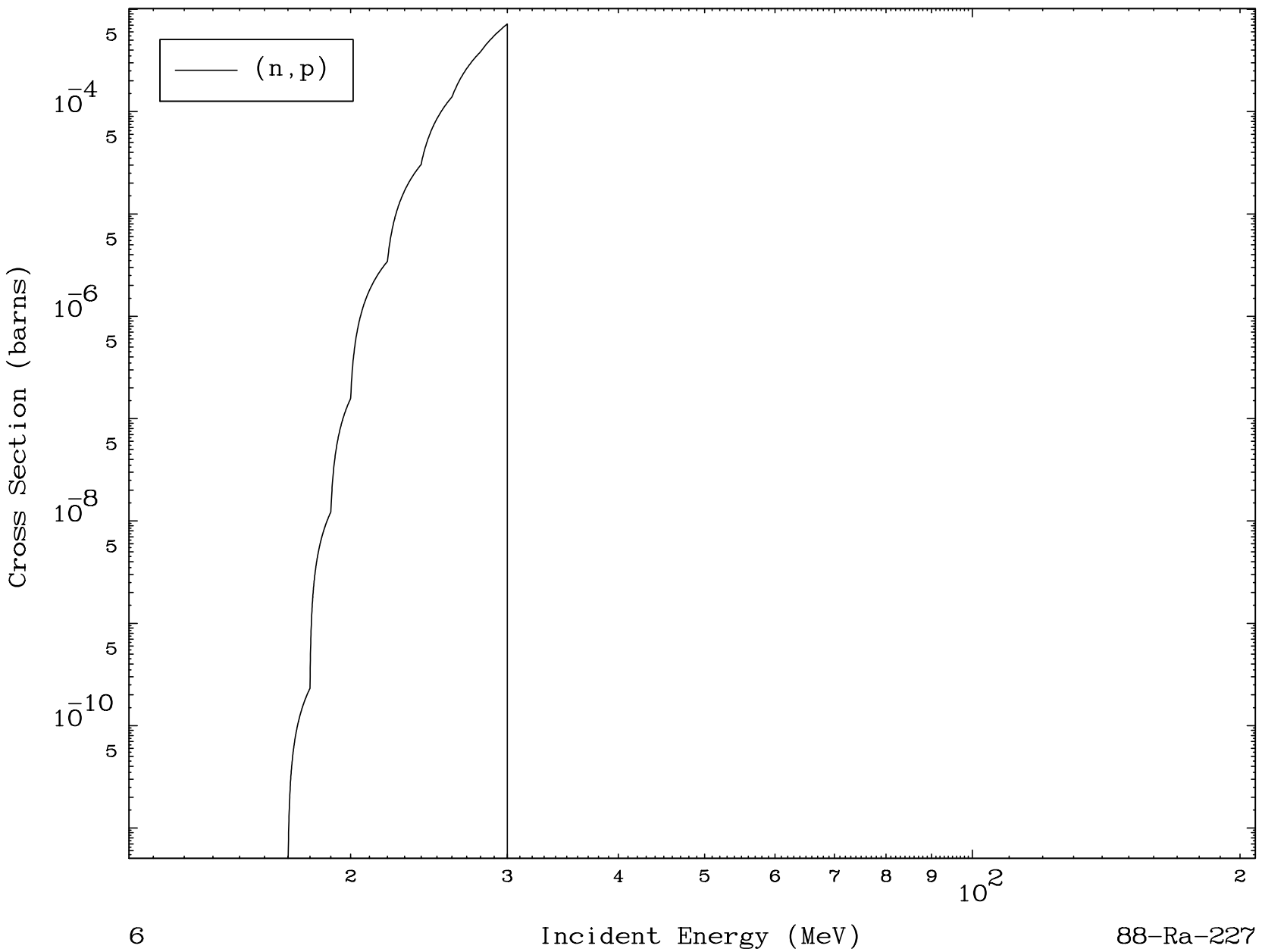

MAT 8837
α Major
88-Ra-227
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-227

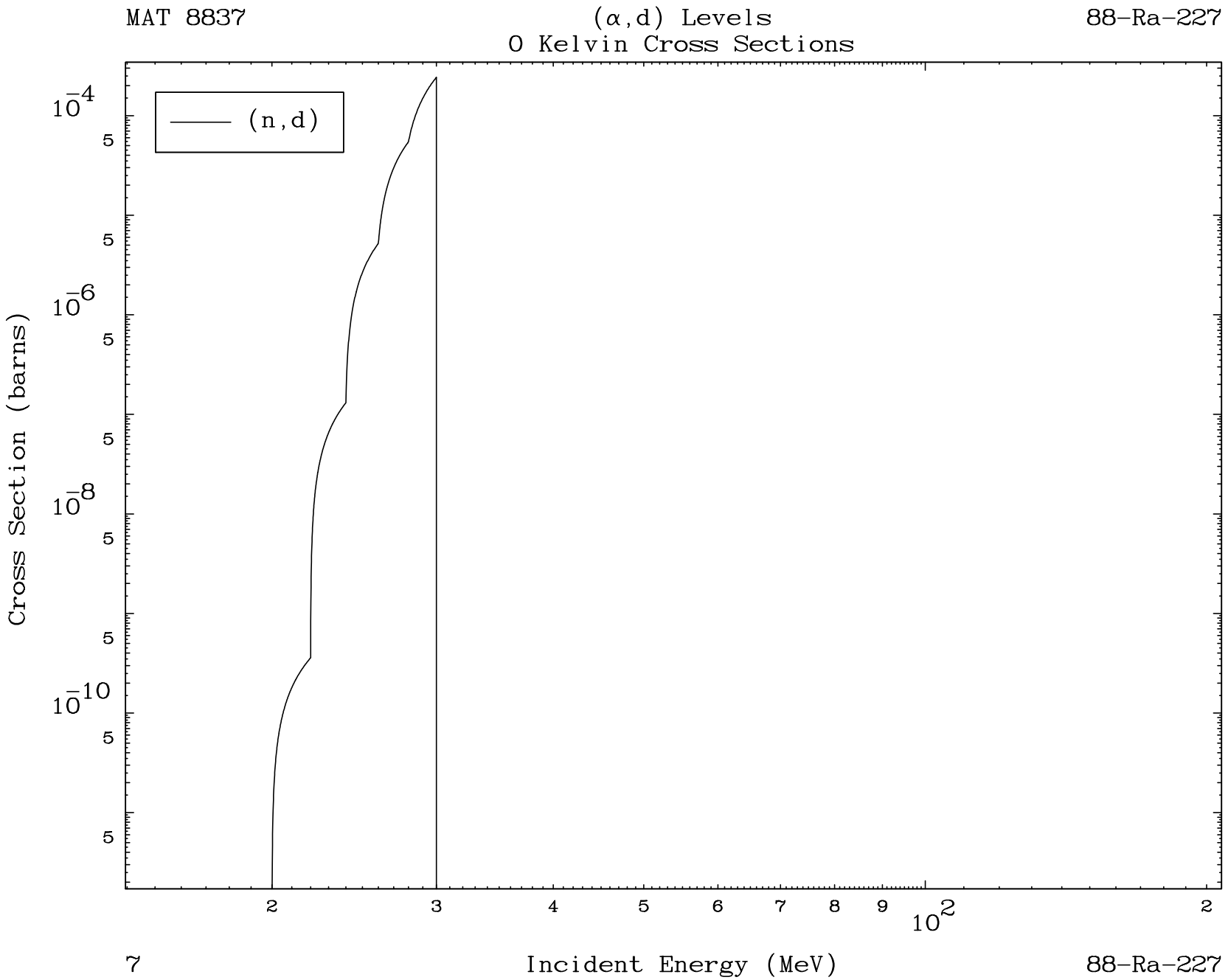

MAT 8837
α Neutron Absorption
0 Kelvin Cross Sections
88-Ra-227
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
88-Ra-227


MAT 8837
α Neutron Absorption
0 Kelvin Cross Sections
88-Ra-227
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
88-Ra-227

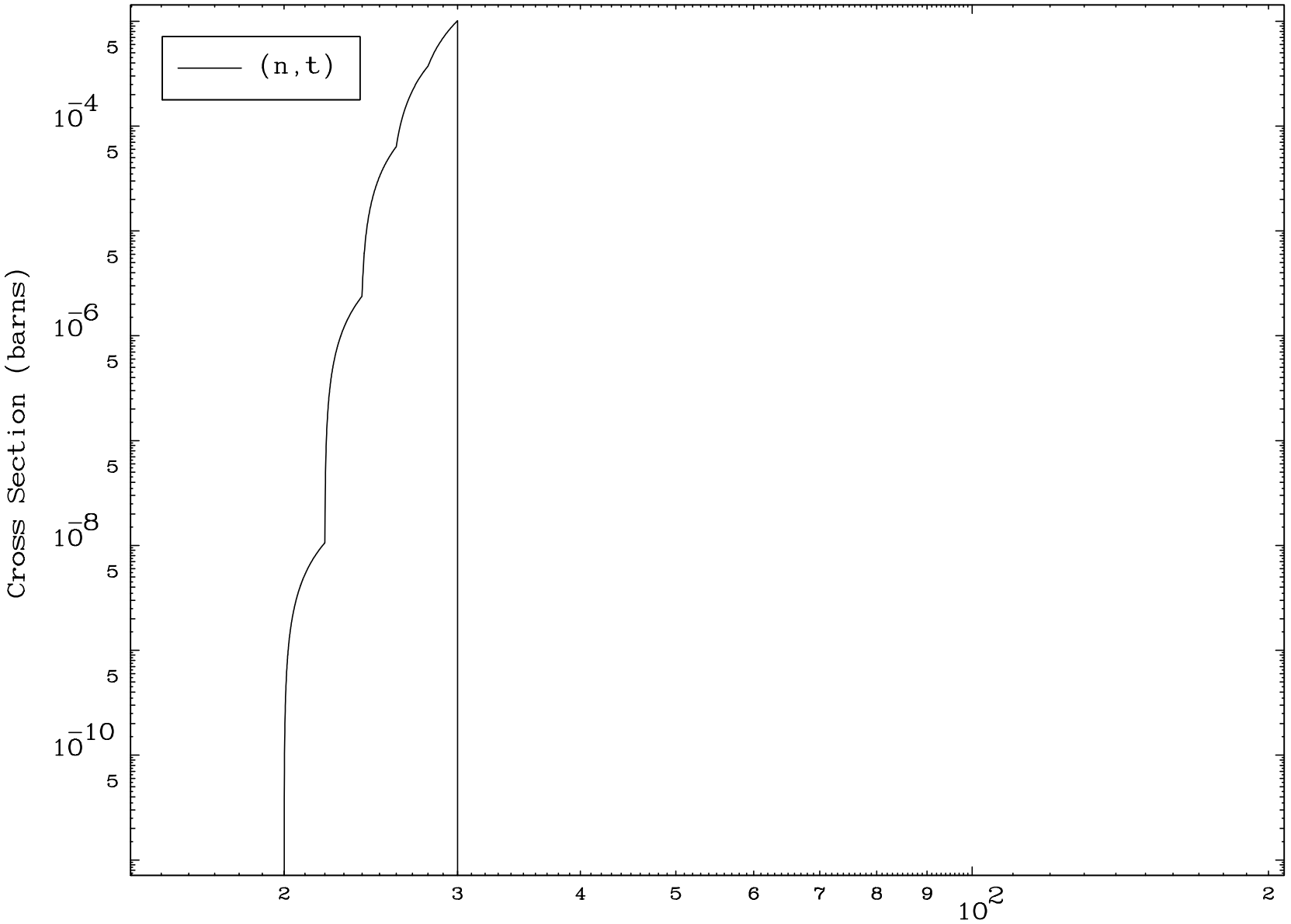

MAT 8837
α Charged Particle
0 Kelvin Cross Sections
88-Ra-227
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
88-Ra-227
4


MAT 8837
α Charged Particle
0 Kelvin Cross Sections
88-Ra-227
(n,n') α
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-227

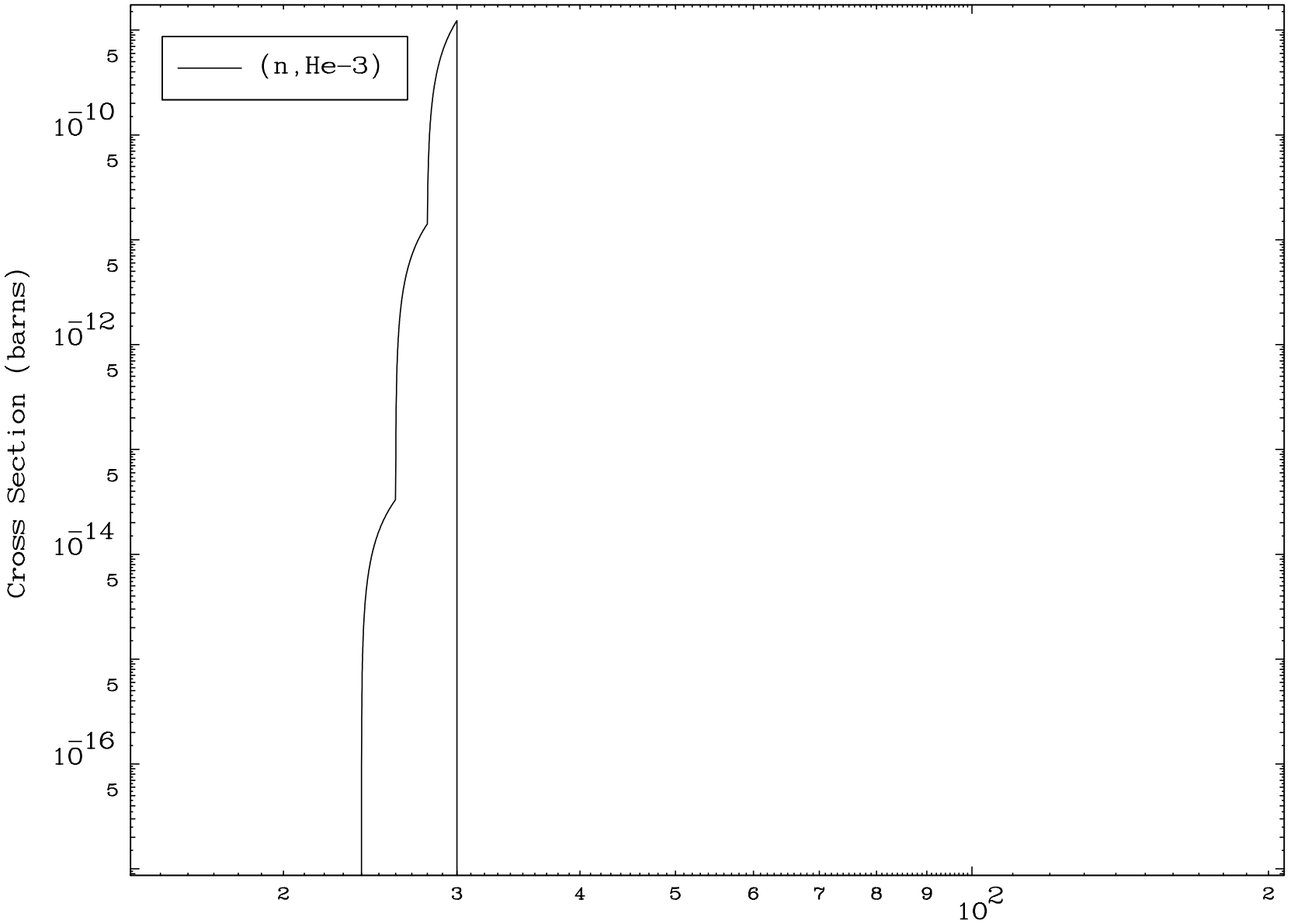

0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

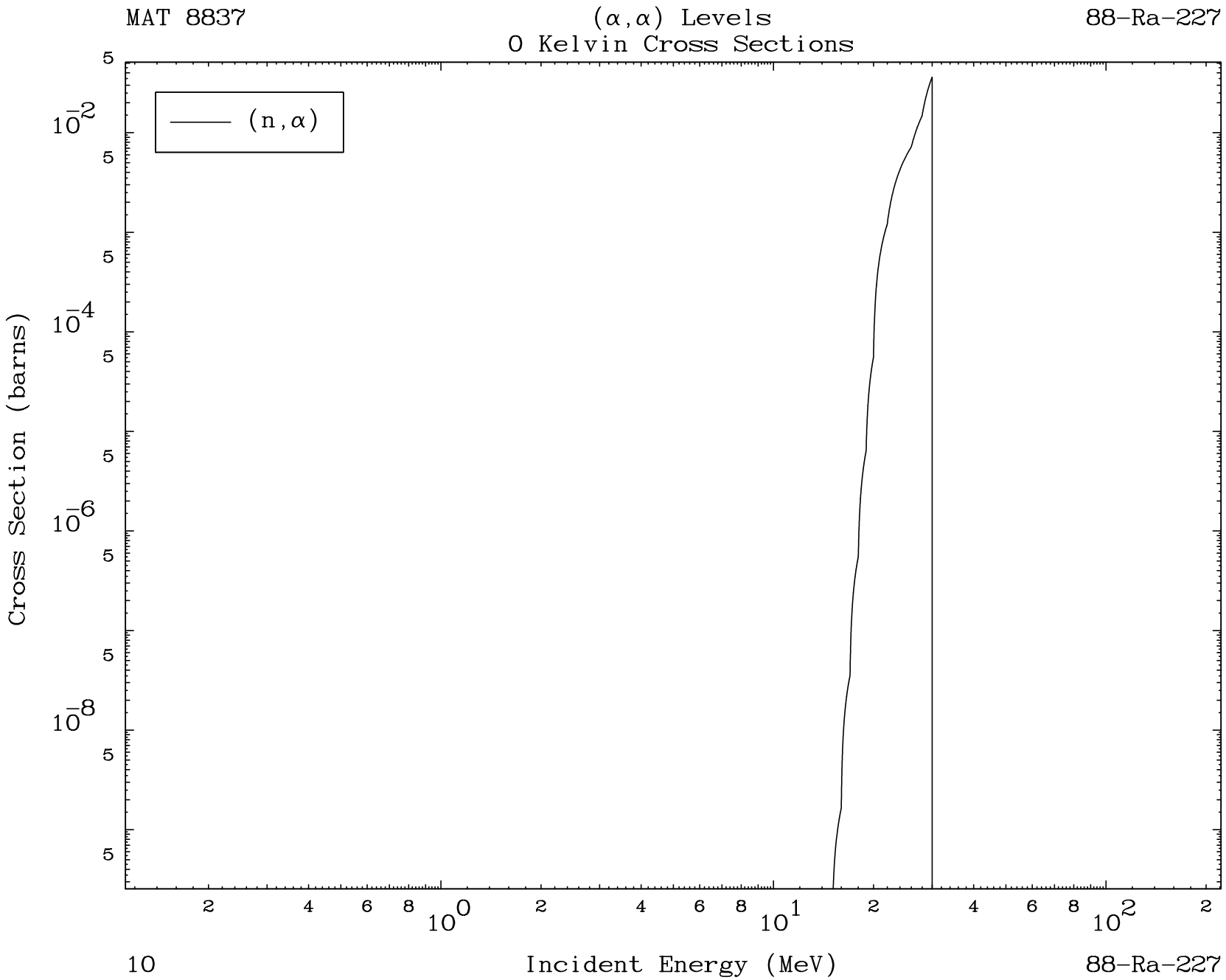

MAT 8837
(α,d) Levels
88-Ra-227
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
2
3
4
5
6
7
8
9
10 2
7
88-Ra-227

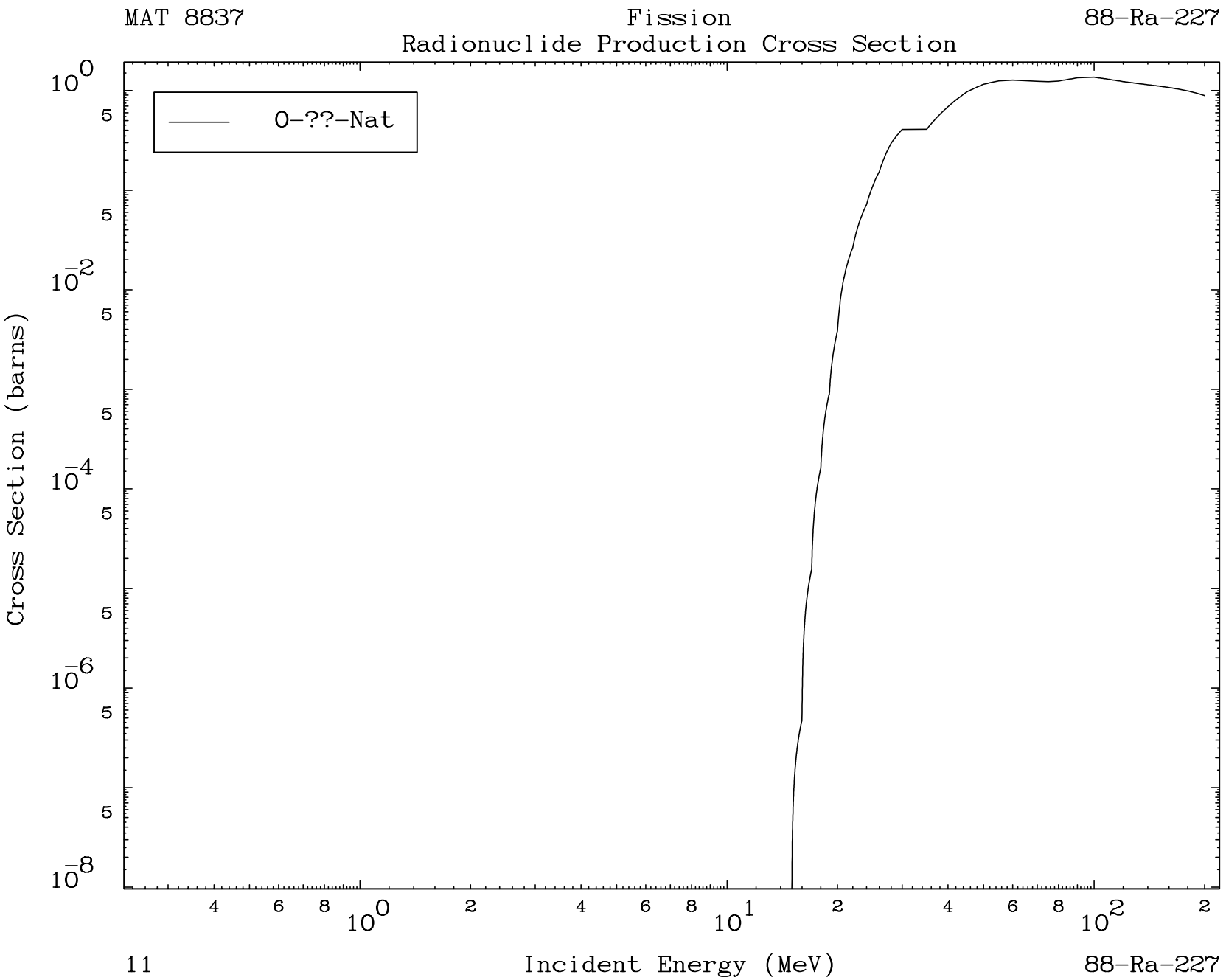
0 Kelvin Cross Sections



0 Kelvin Cross Sections




MAT 8837
(α,α) Levels
88-Ra-227
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
Incident Energy (MeV)
88-Ra-227


MAT 8837
Fission
88-Ra-227
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
11
88-Ra-227