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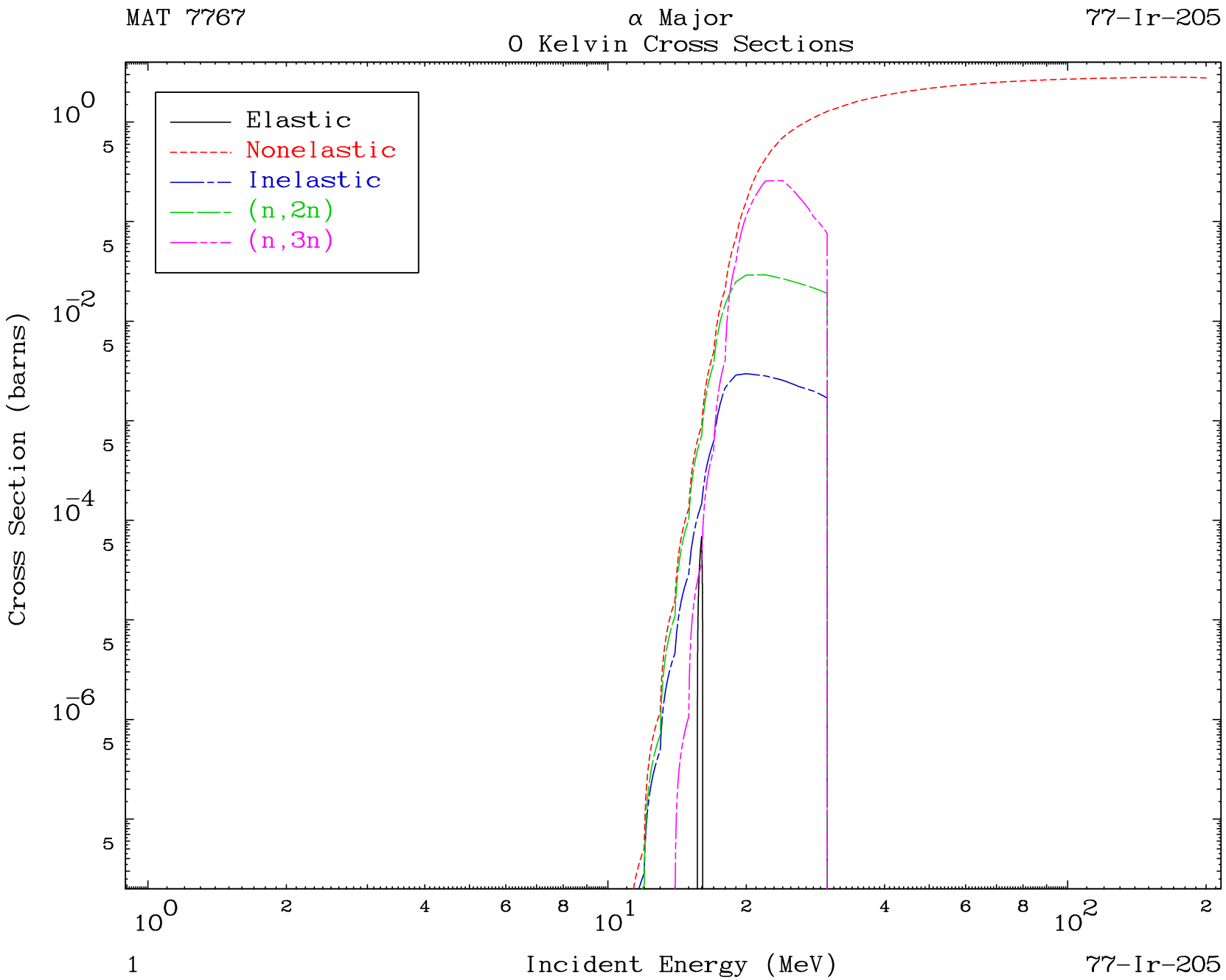
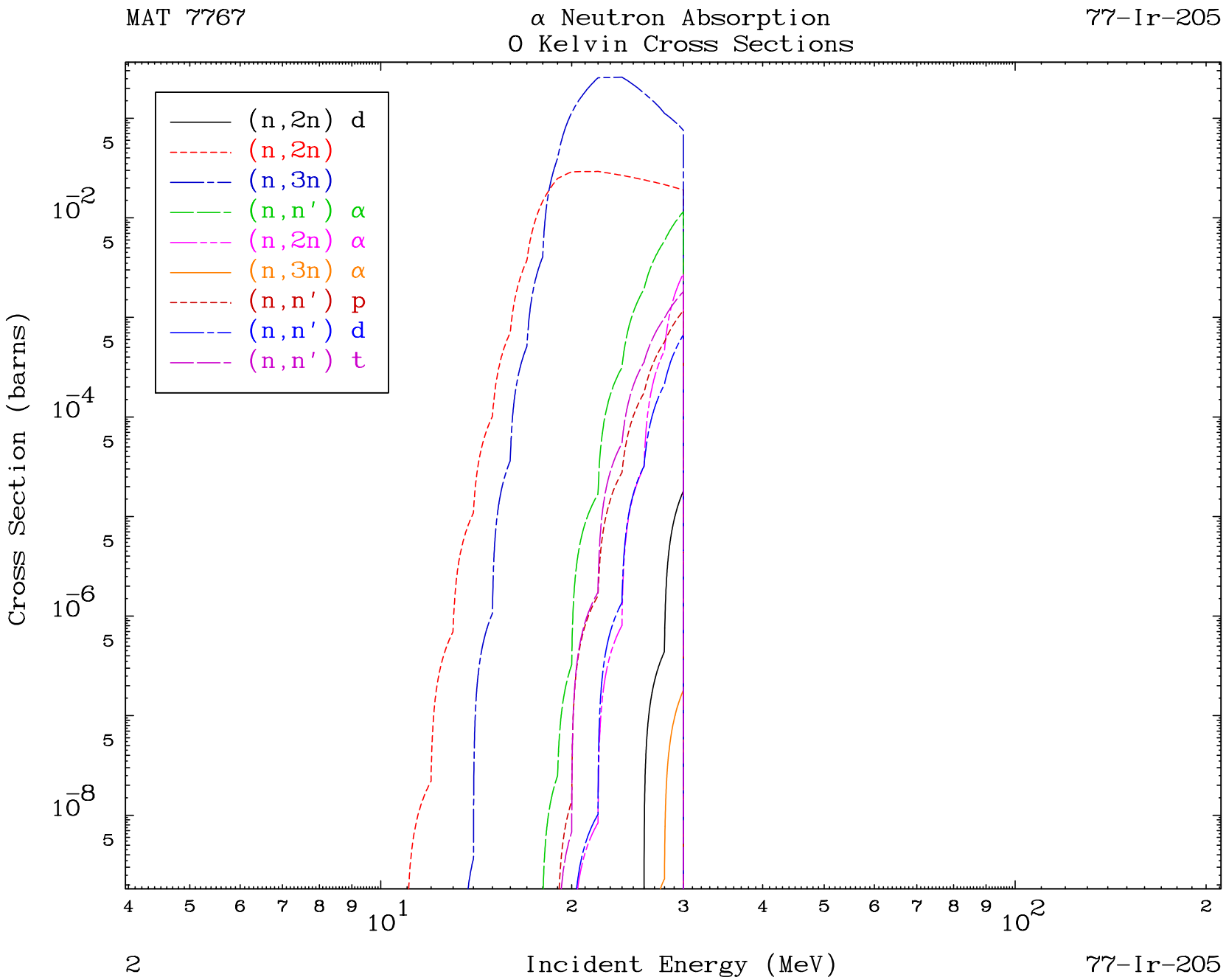
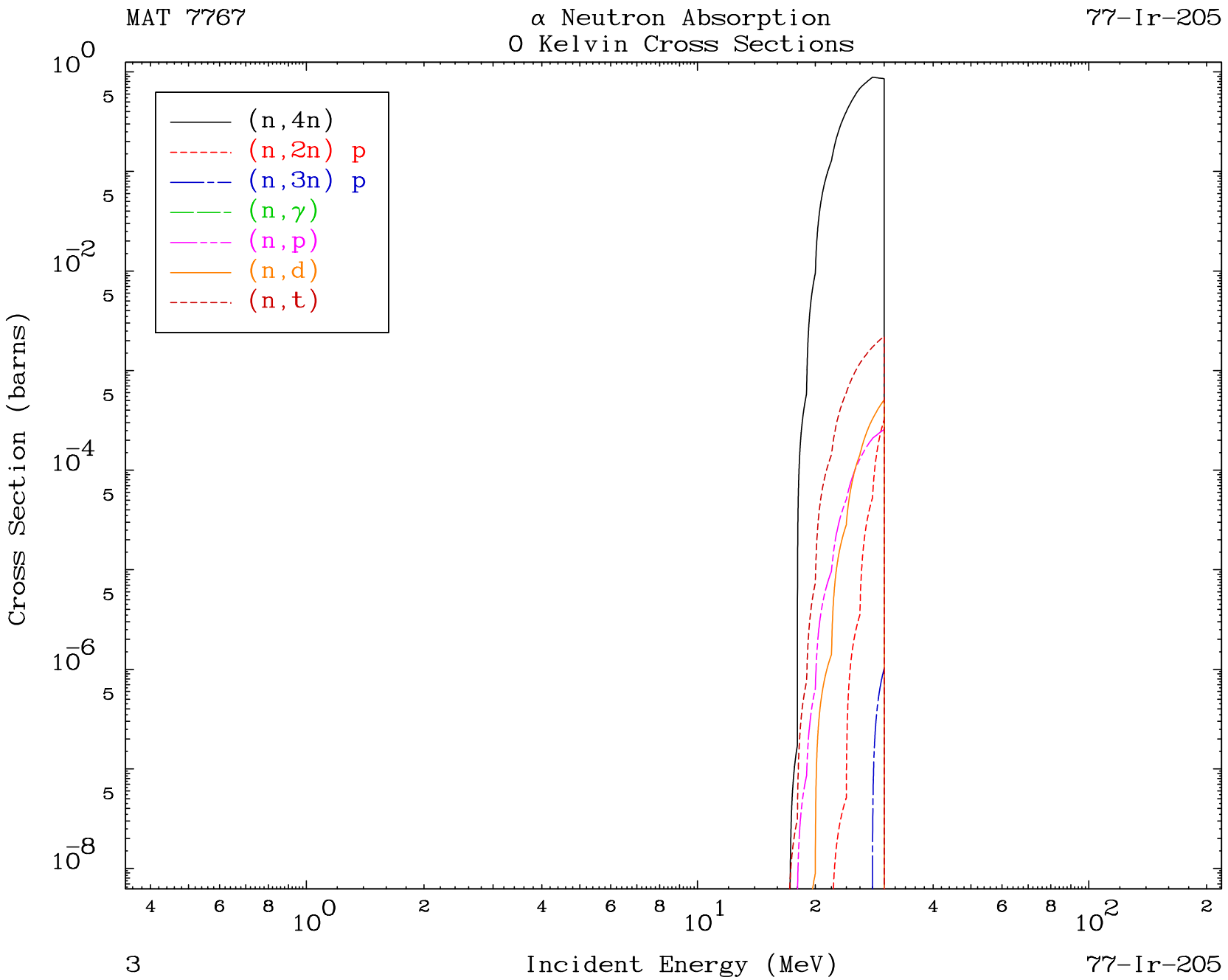
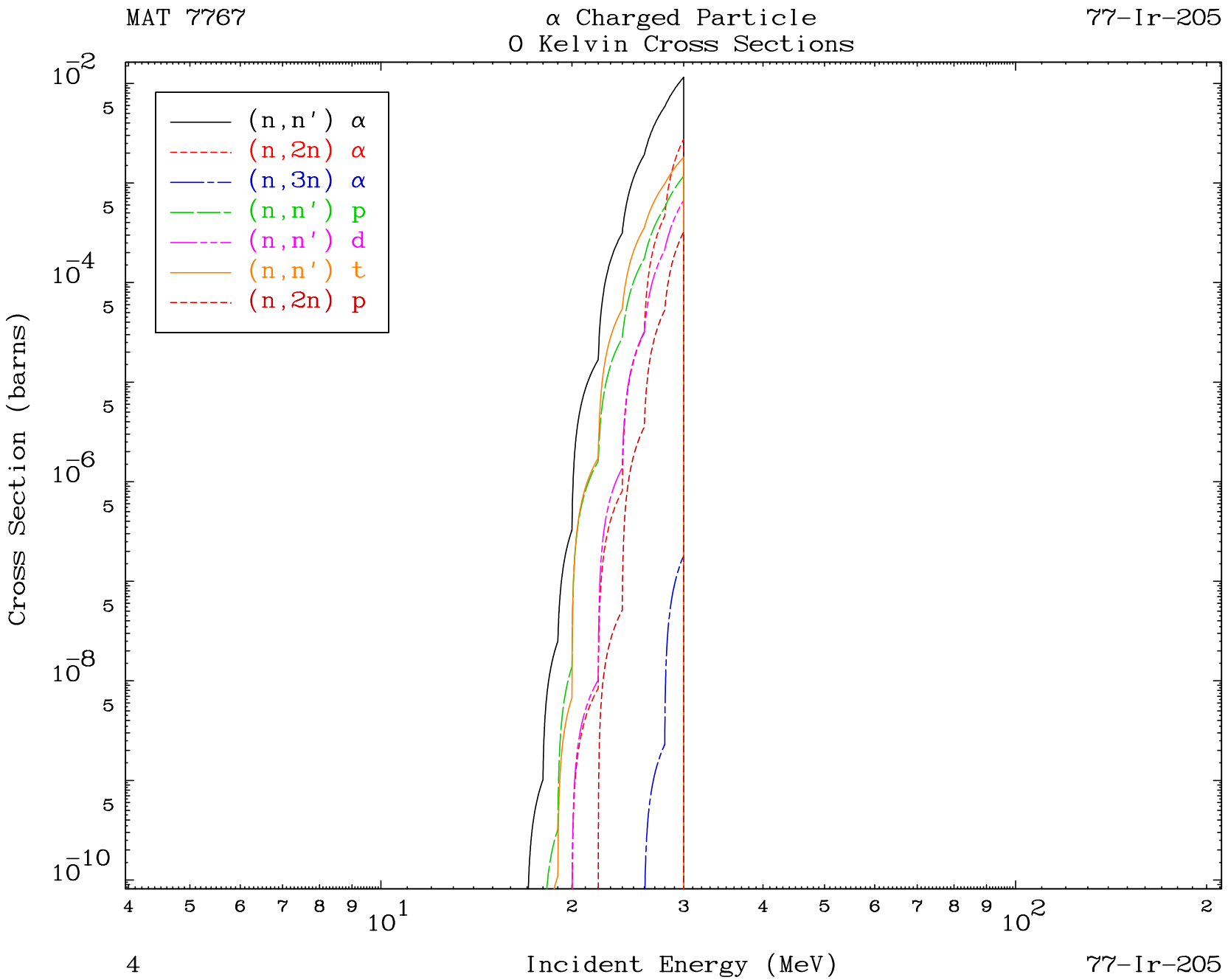
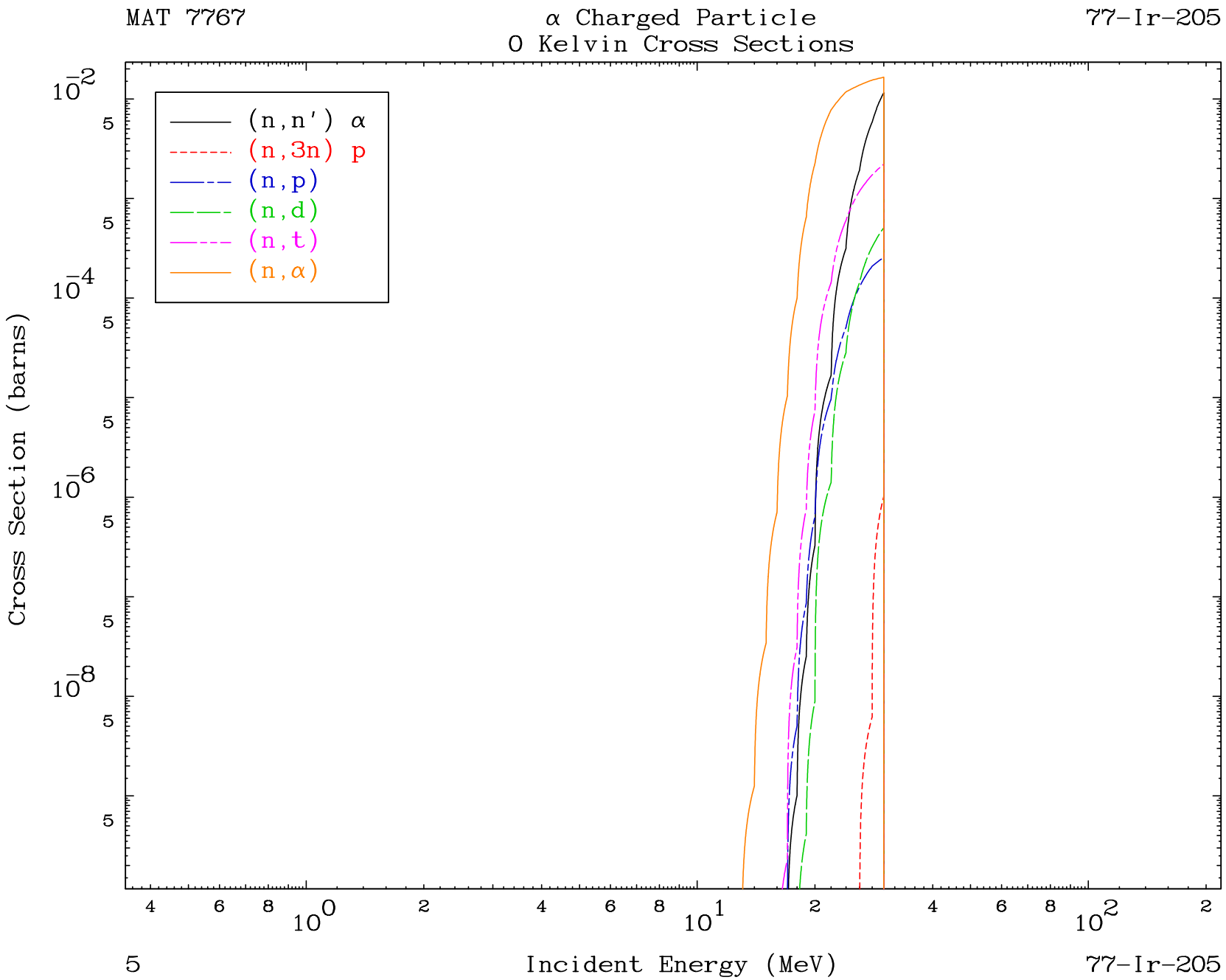
Press Mouse Button to Start

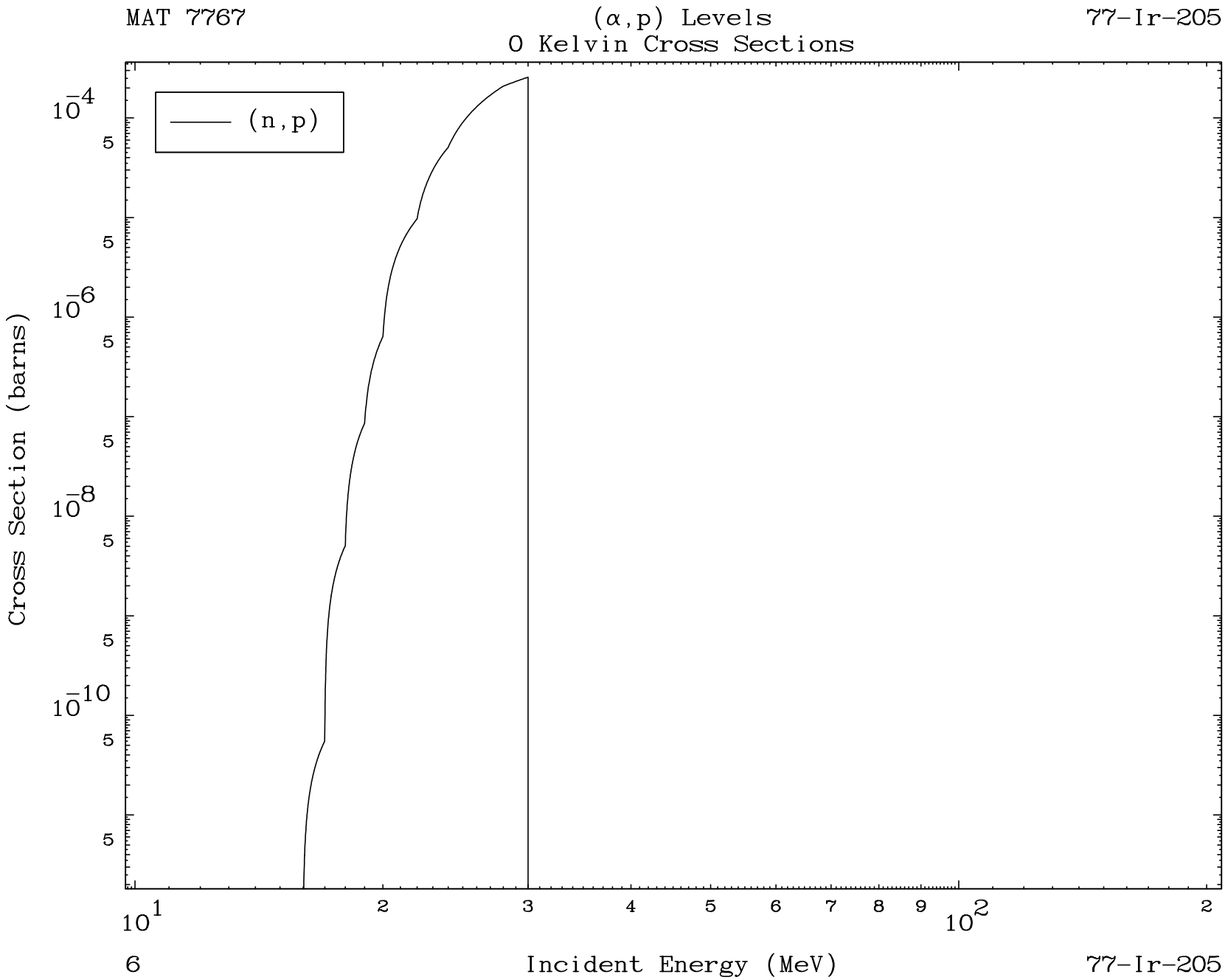

MAT 7767
α Major
77-Ir-205
0 Kelvin Cross Sections
Elastic
Nonelastic
Inelastic
(n,2n)
(n,3n)
Cross Section (barns)
Incident Energy (MeV)
77-Ir-205

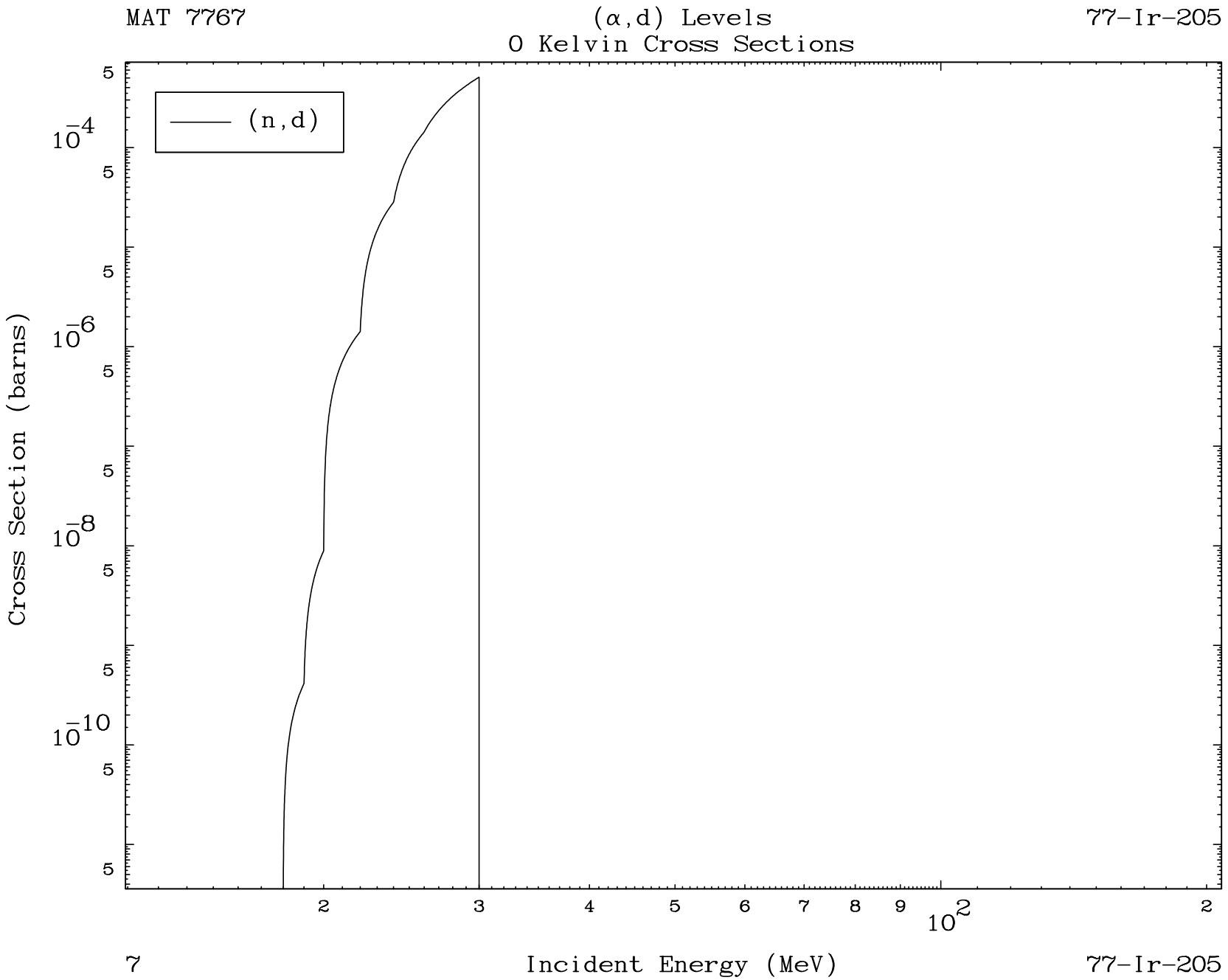

MAT 7767
α Neutron Absorption
0 Kelvin Cross Sections
77-Ir-205
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
77-Ir-205
2

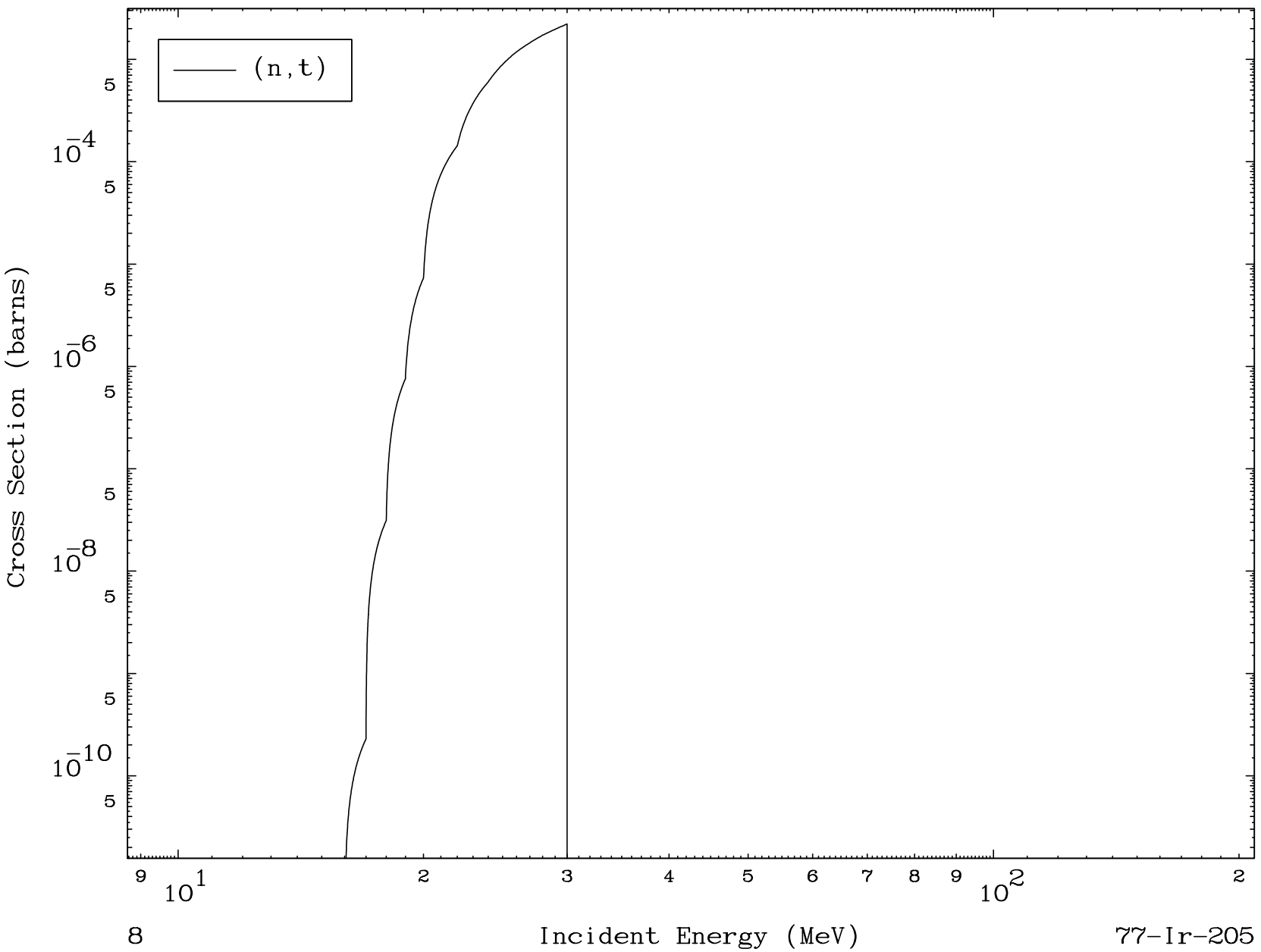

MAT 7767
α Neutron Absorption
0 Kelvin Cross Sections
77-Ir-205
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
Cross Section (barns)
Incident Energy (MeV)
3
77-Ir-205

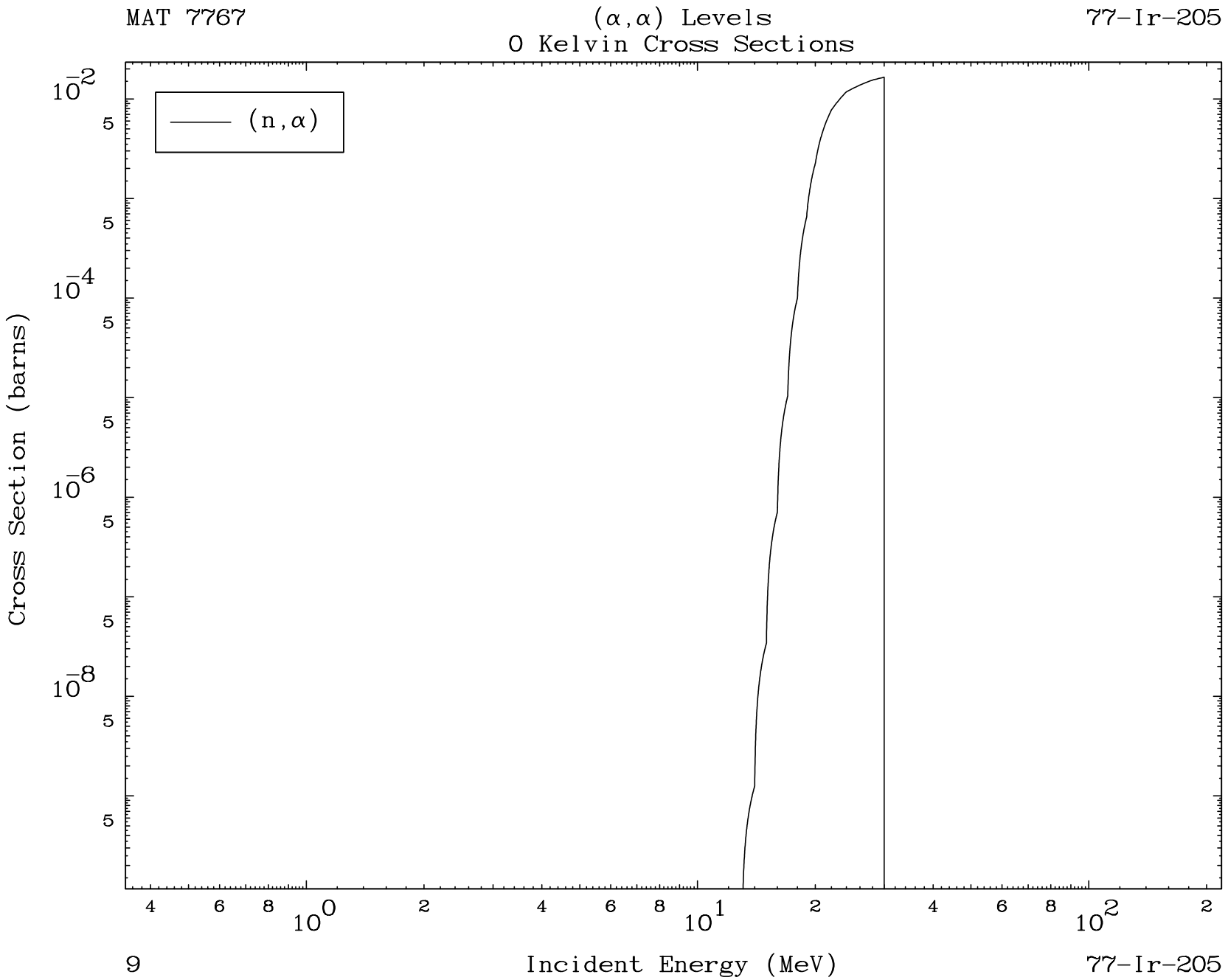

MAT 7767
α Charged Particle
0 Kelvin Cross Sections
77-Ir-205
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
77-Ir-205

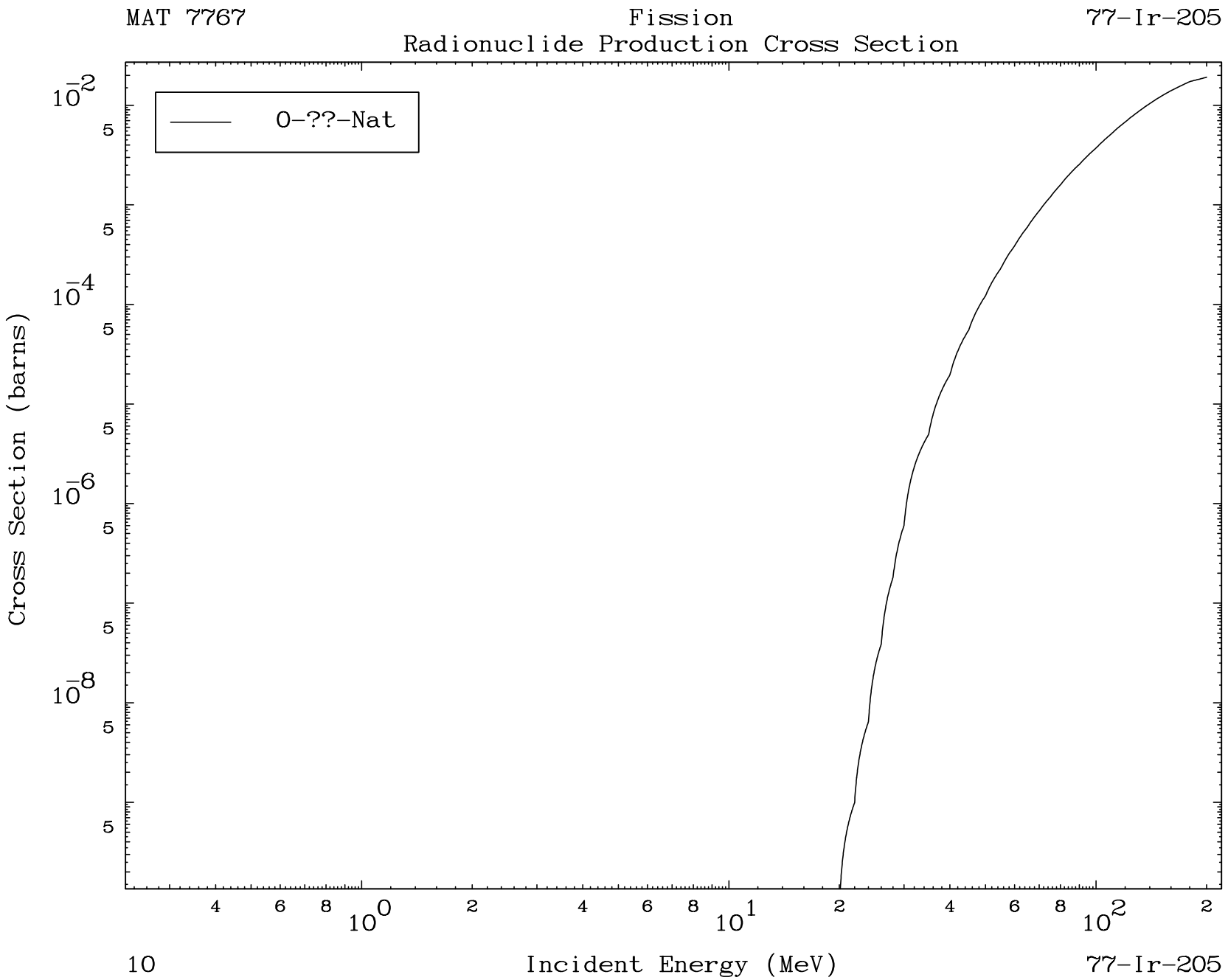

MAT 7767
α Charged Particle
0 Kelvin Cross Sections
77-Ir-205
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
77-Ir-205
5

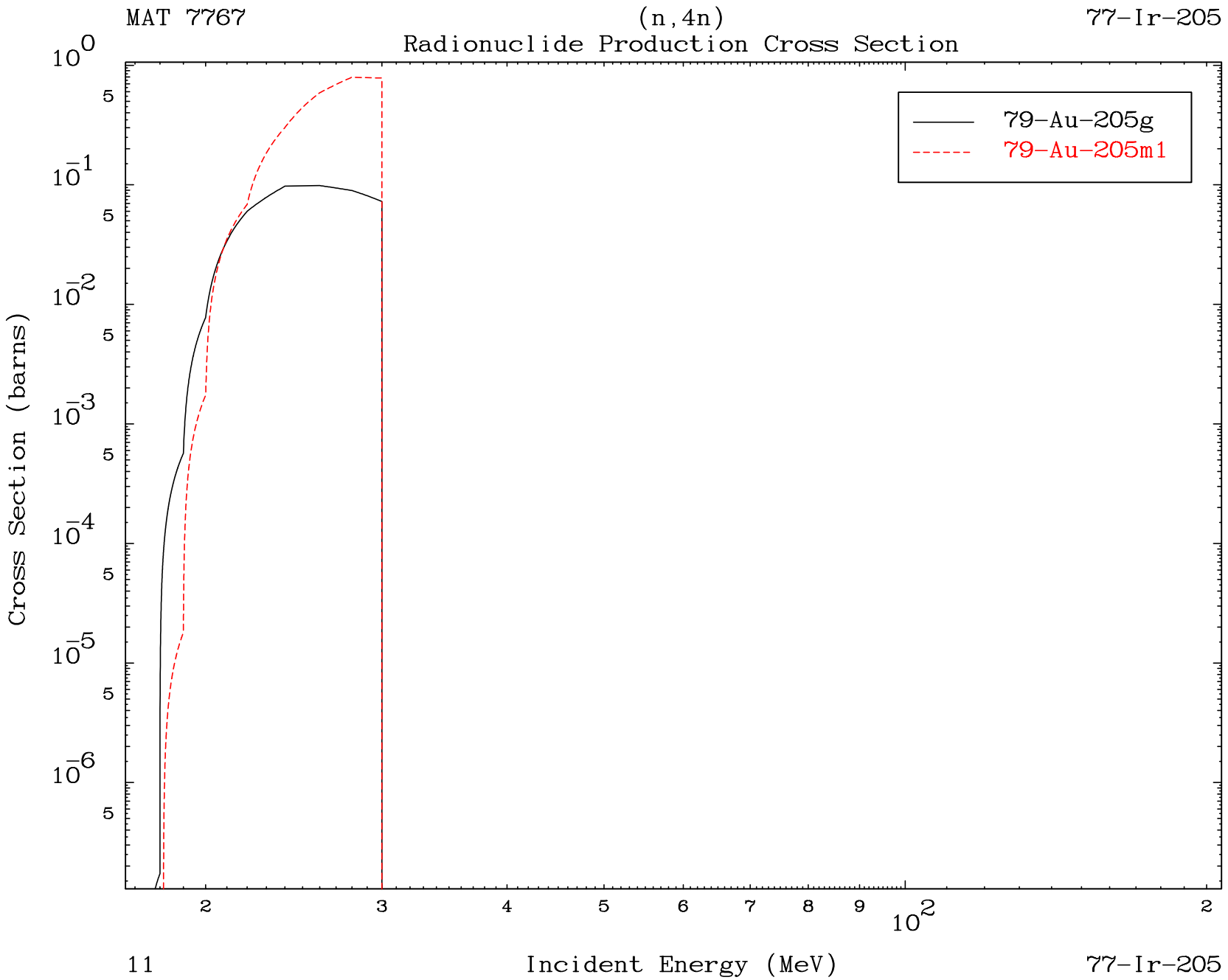

MAT 7767
(α,p) Levels
77-Ir-205
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
77-Ir-205


MAT 7767
(α,d) Levels
77-Ir-205
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
77-Ir-205


0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10-4
10-6
10-8
10-10
5
9
10 1
2
3
4
5
6
7
8
9
10 2
2
Incident Energy (MeV)


MAT 7767
(α,α) Levels
77-Ir-205
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10-2
10-4
10-6
10-8
Incident Energy (MeV)
9
77-Ir-205


MAT 7767
Fission
77-Ir-205
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
77-Ir-205


MAT 7767
(n,4n)
77-Ir-205
Radionuclide Production Cross Section
79-Au-205g
79-Au-205m1
Cross Section (barns)
Incident Energy (MeV)
11
77-Ir-205