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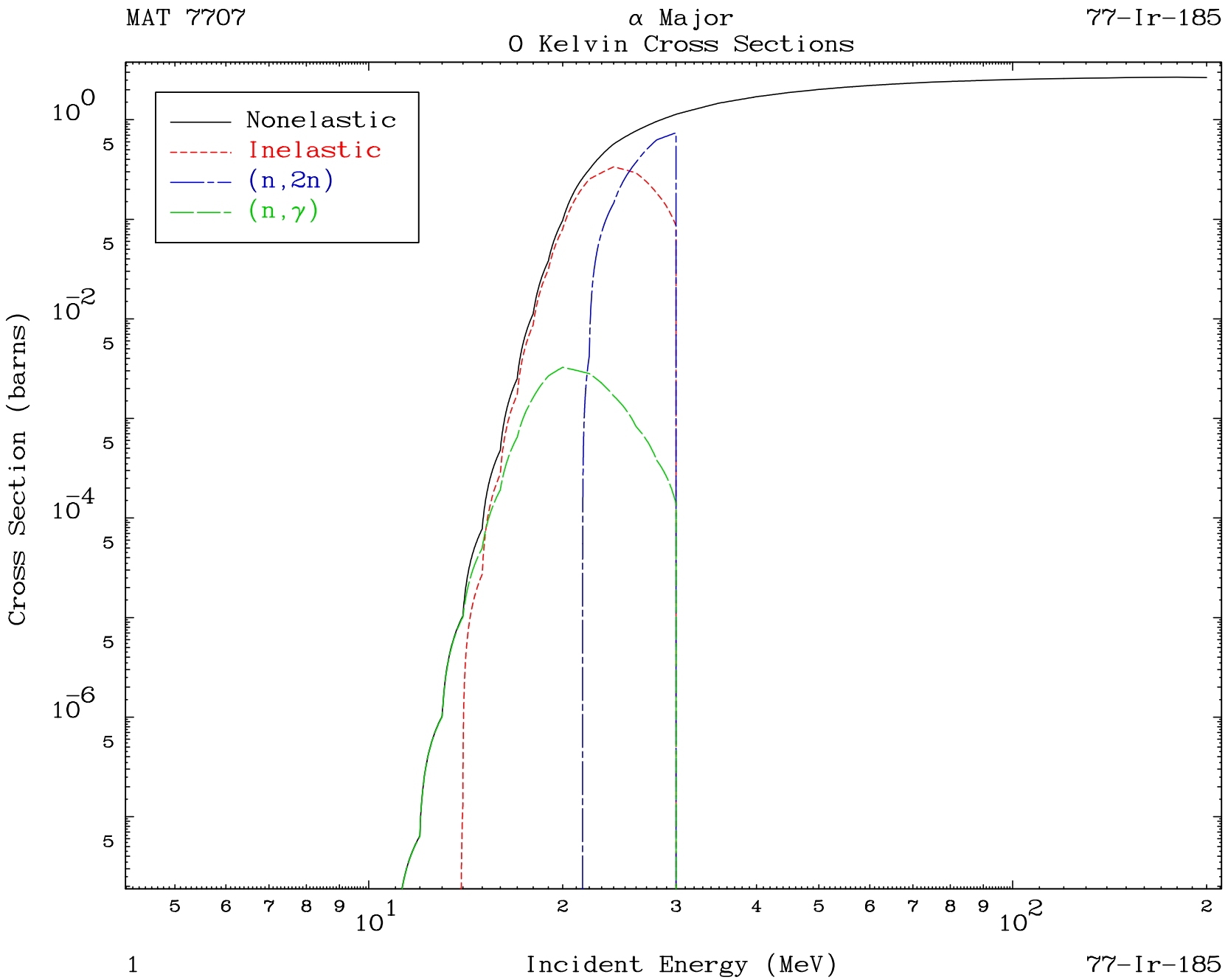
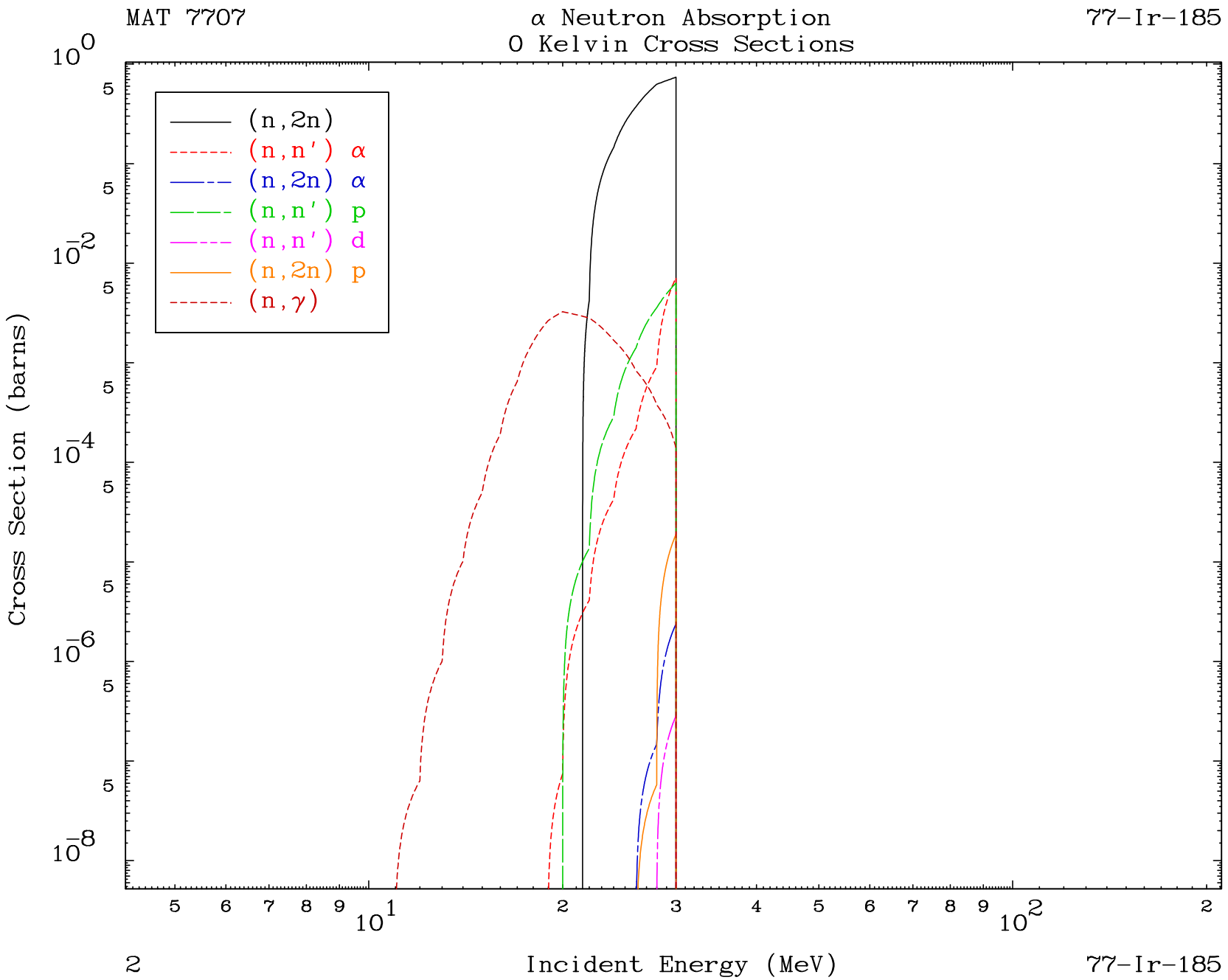
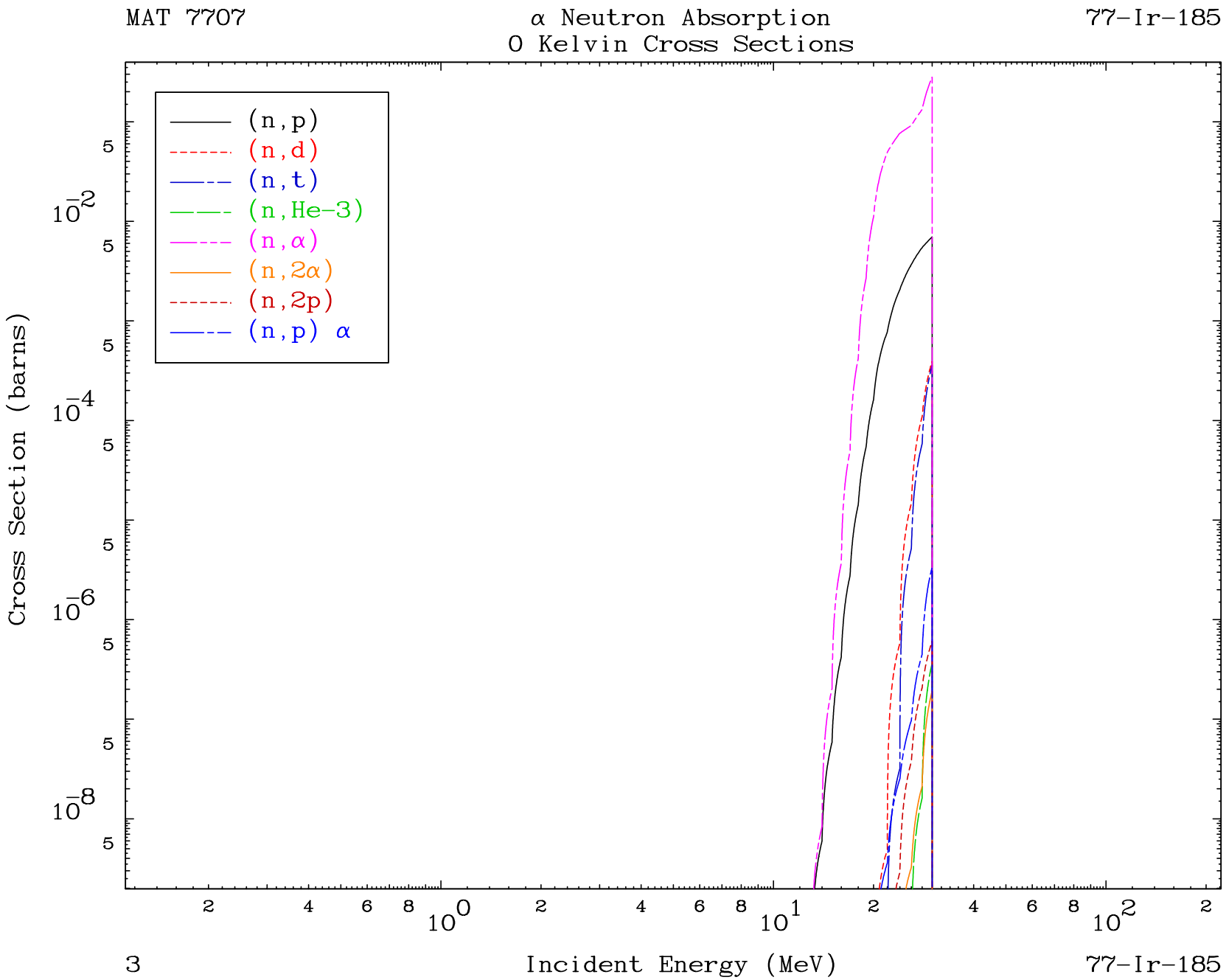
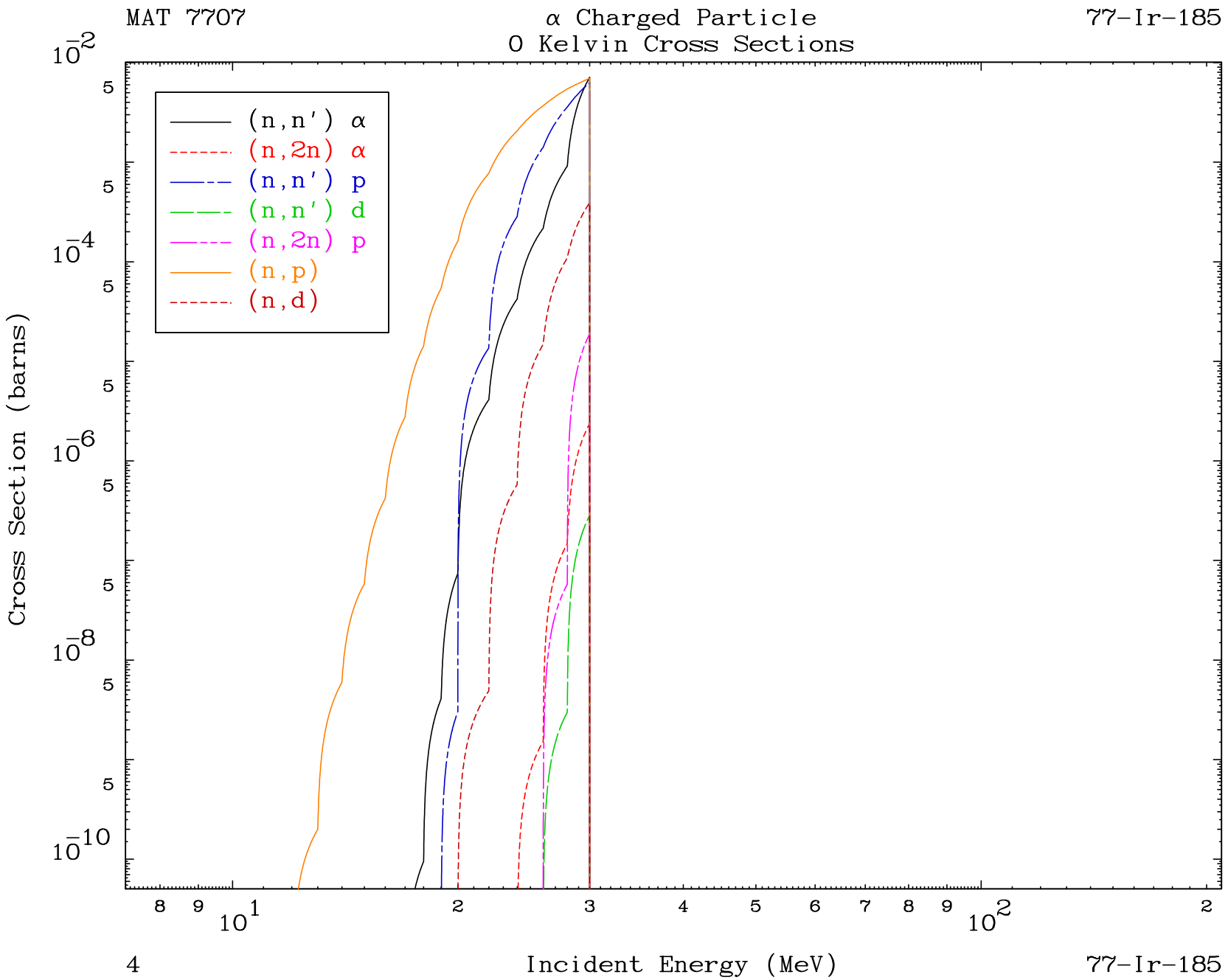
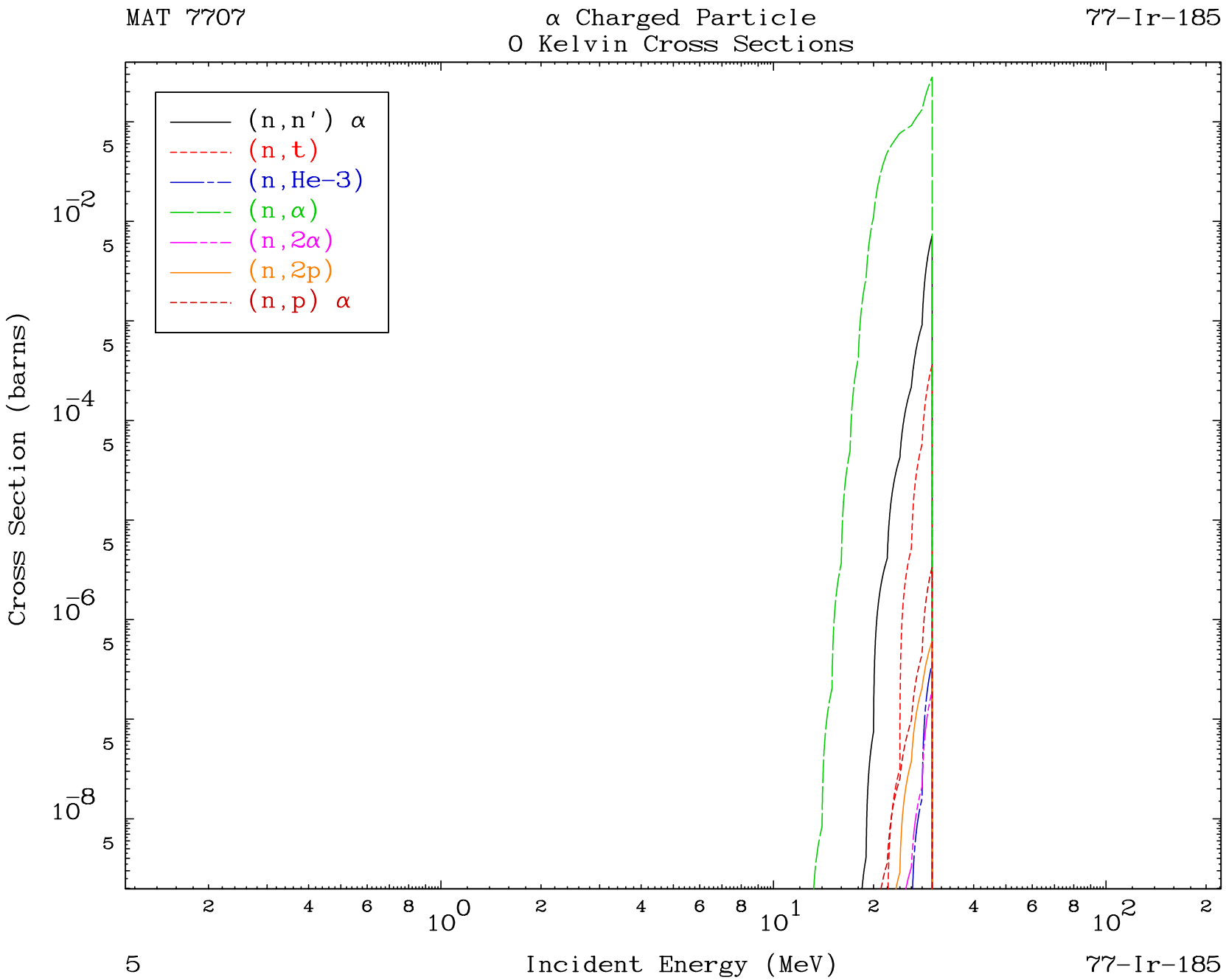
Press Mouse Button to Start

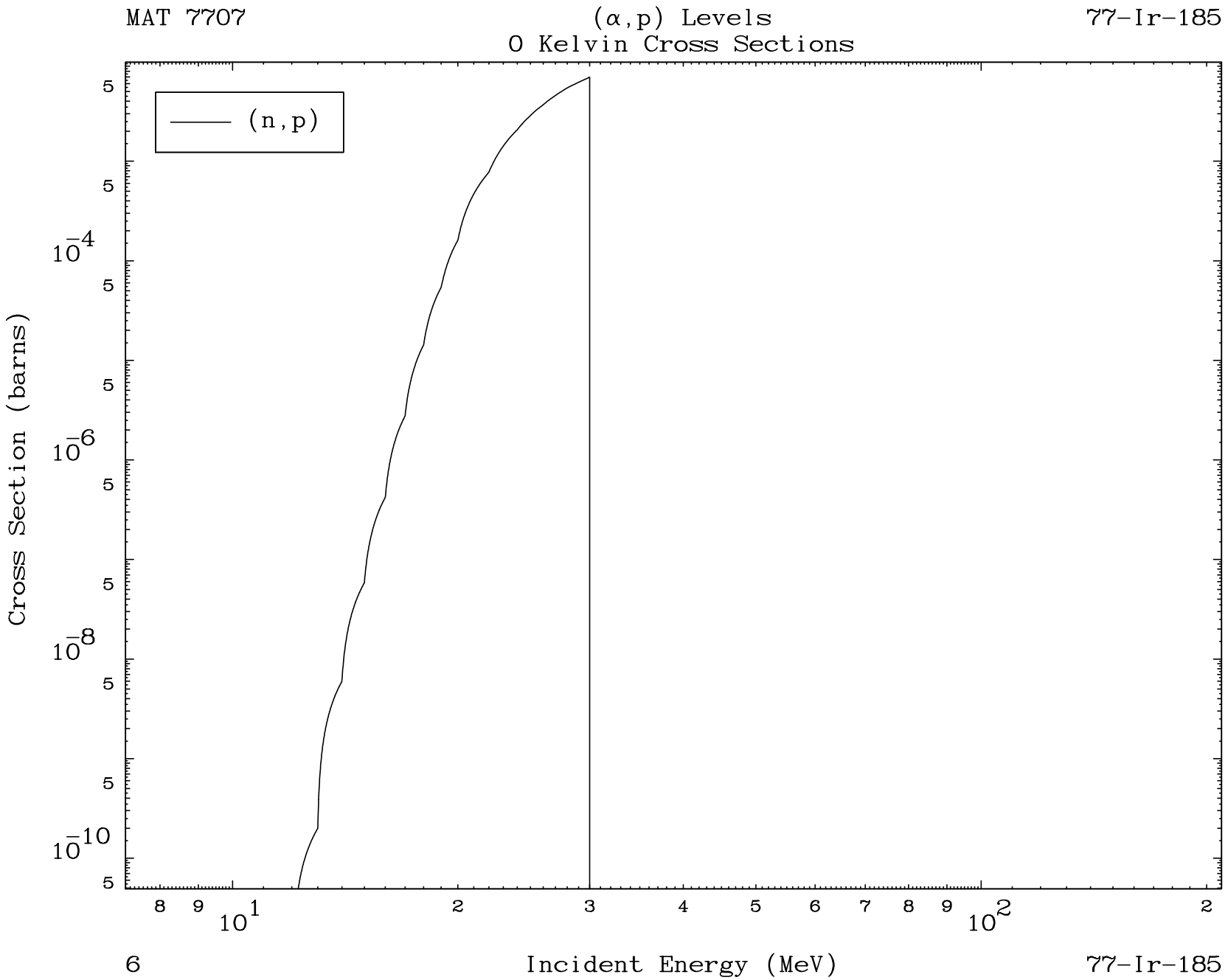

MAT 7707
α Major
77-Ir-185
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
77-Ir-185

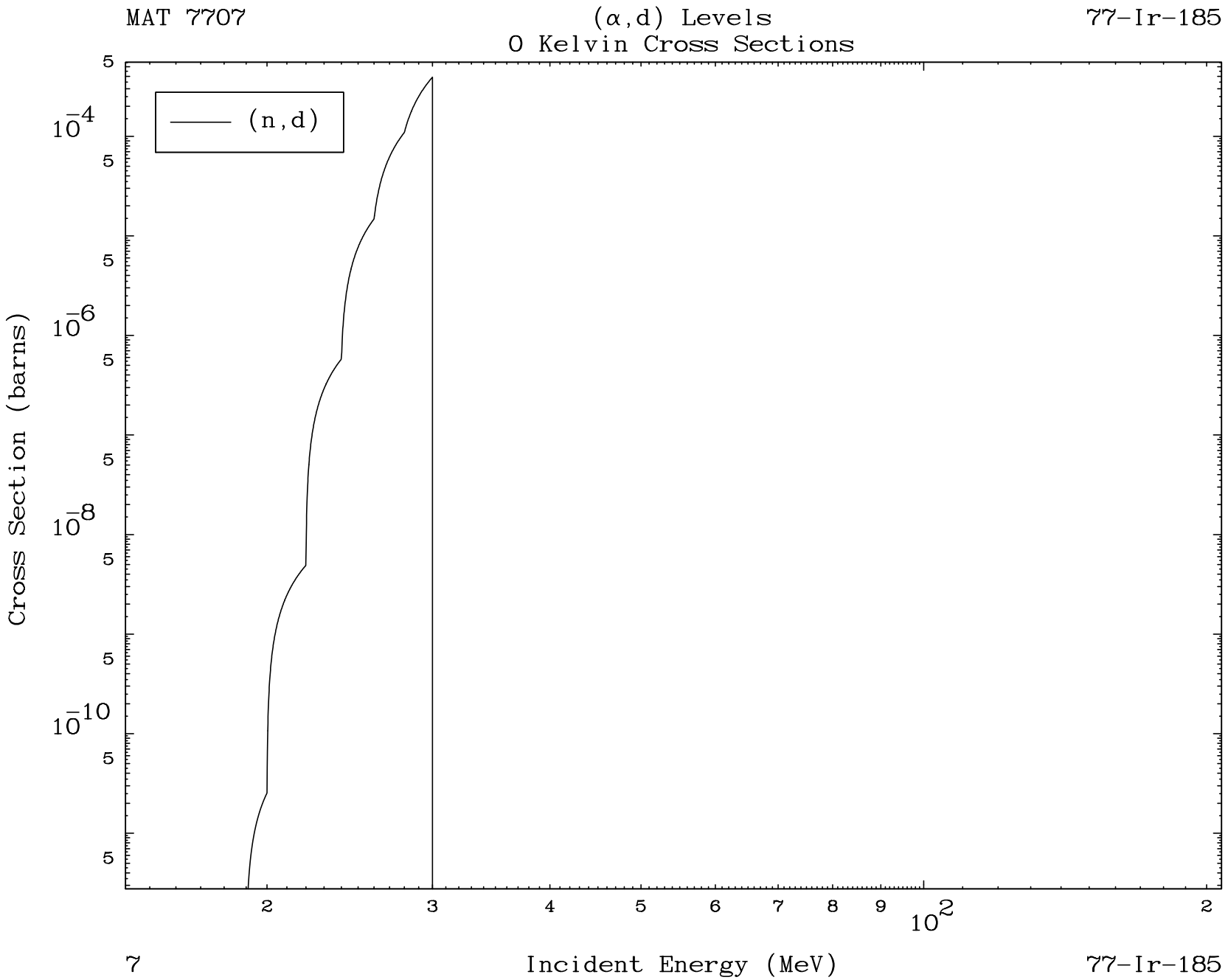

MAT 7707
α Neutron Absorption
0 Kelvin Cross Sections
77-Ir-185
(n,2n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
77-Ir-185

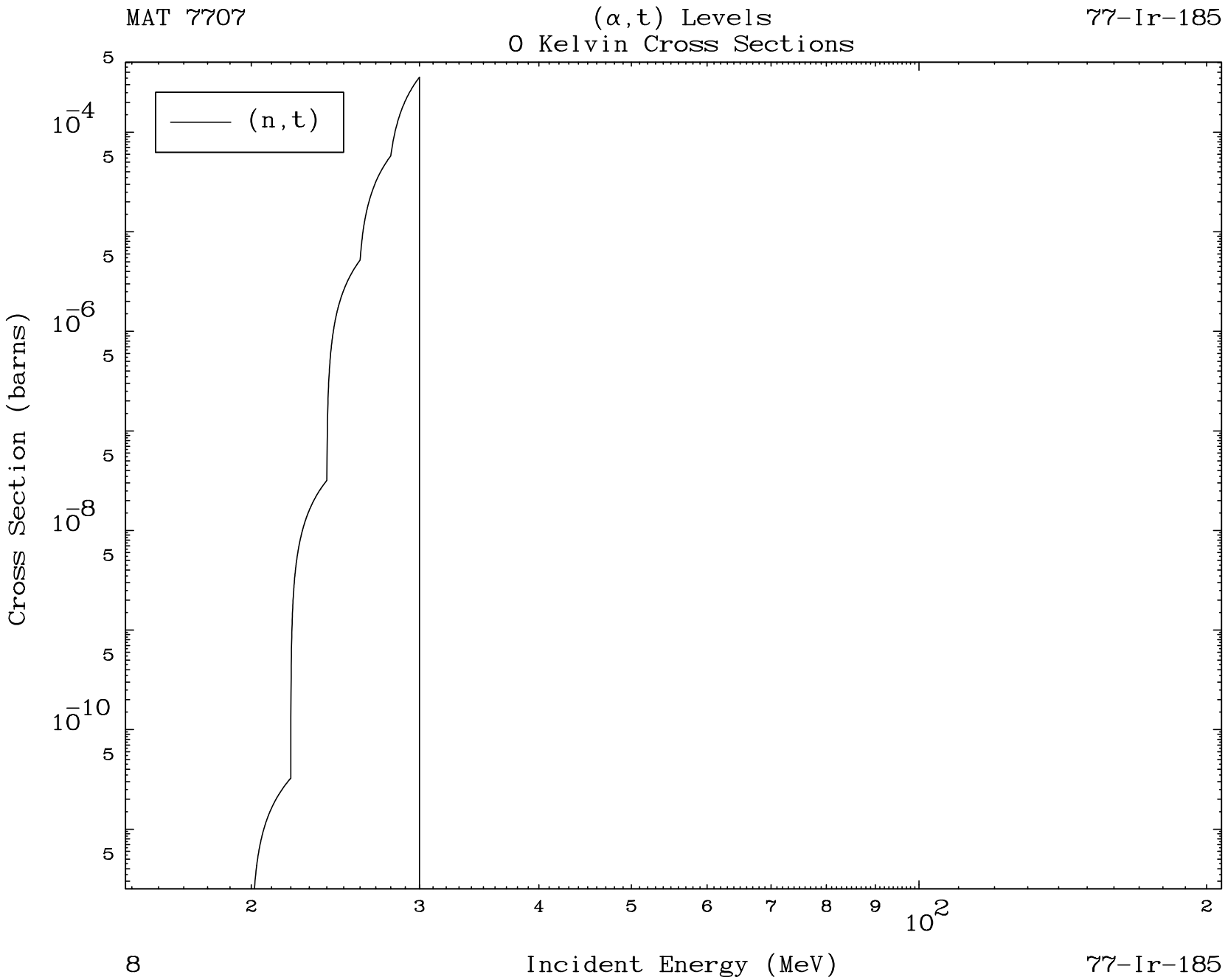

MAT 7707
α Neutron Absorption
0 Kelvin Cross Sections
77-Ir-185
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
77-Ir-185

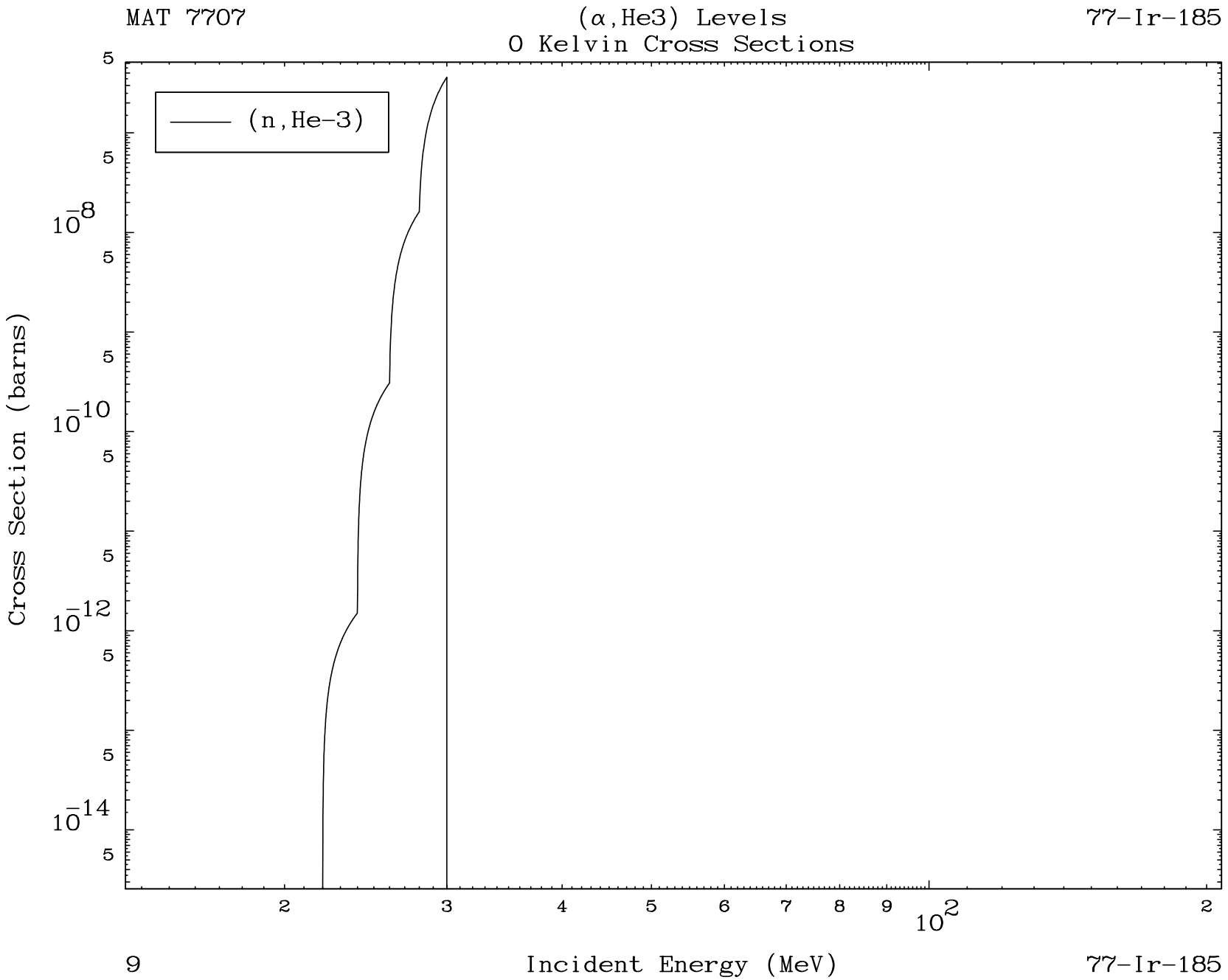

MAT 7707
α Charged Particle
0 Kelvin Cross Sections
77-Ir-185
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,2n) p
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
77-Ir-185
4

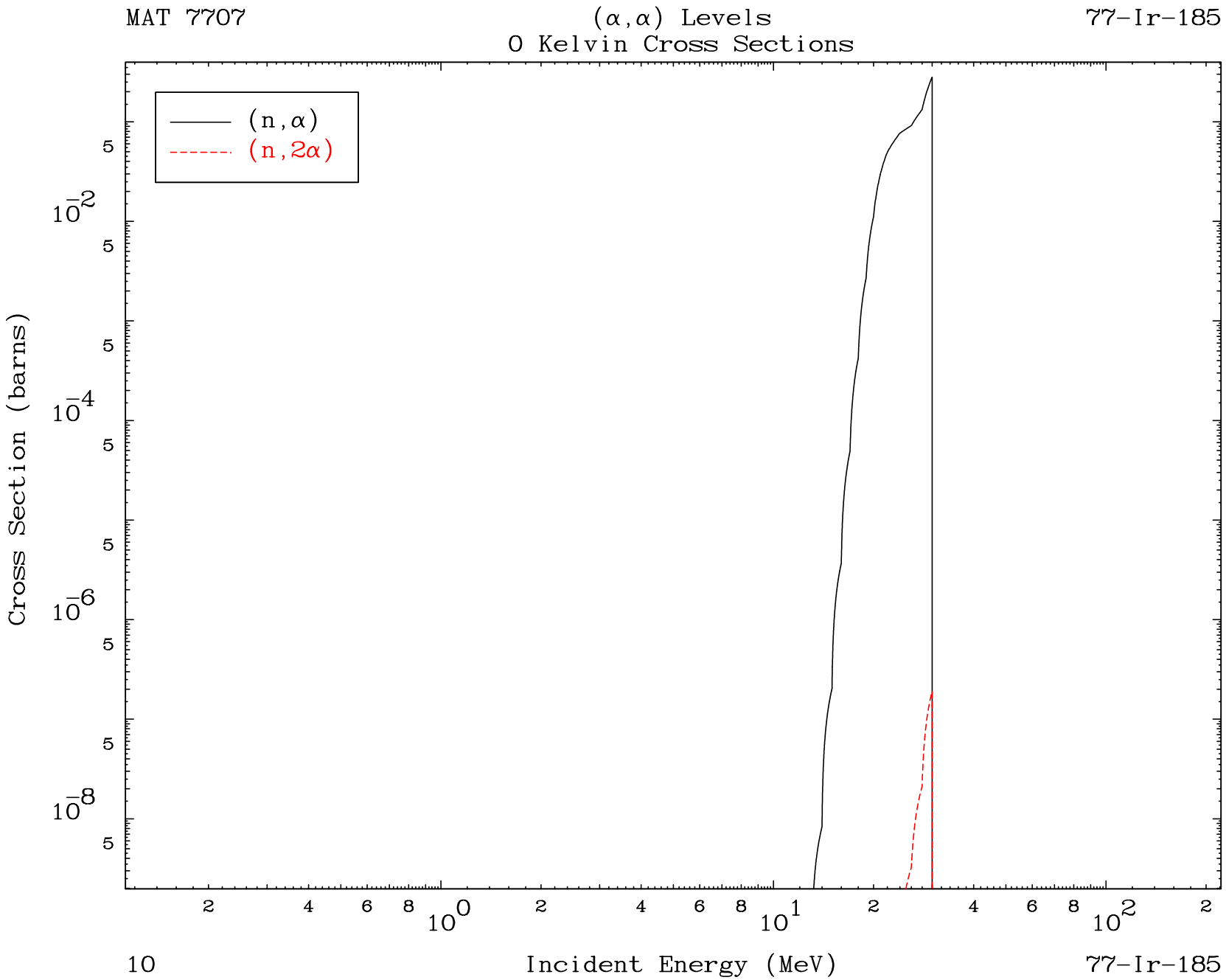

MAT 7707
α Charged Particle
0 Kelvin Cross Sections
77-Ir-185
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
5
77-Ir-185

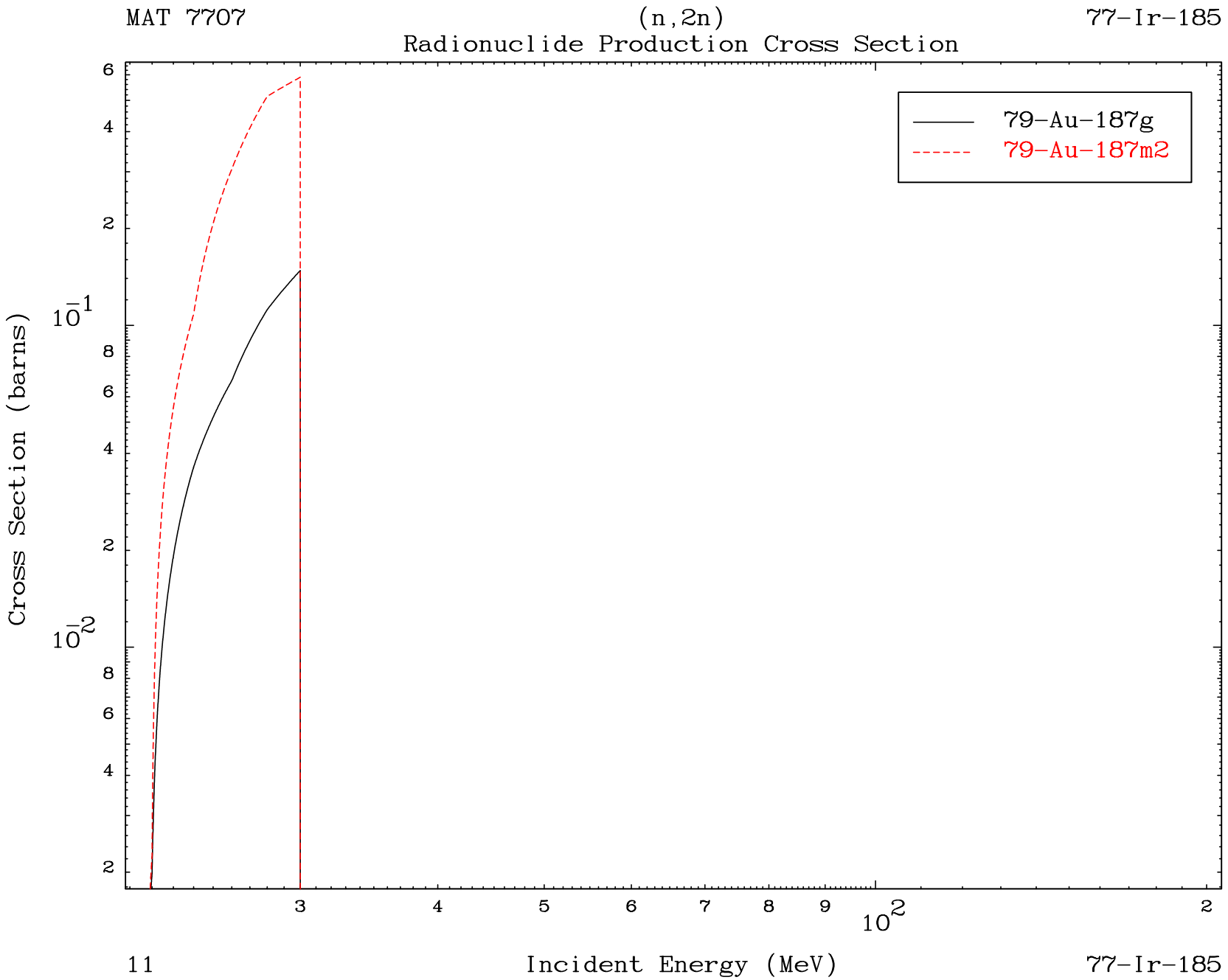

MAT 7707
(α,p) Levels
77-Ir-185
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
77-Ir-185

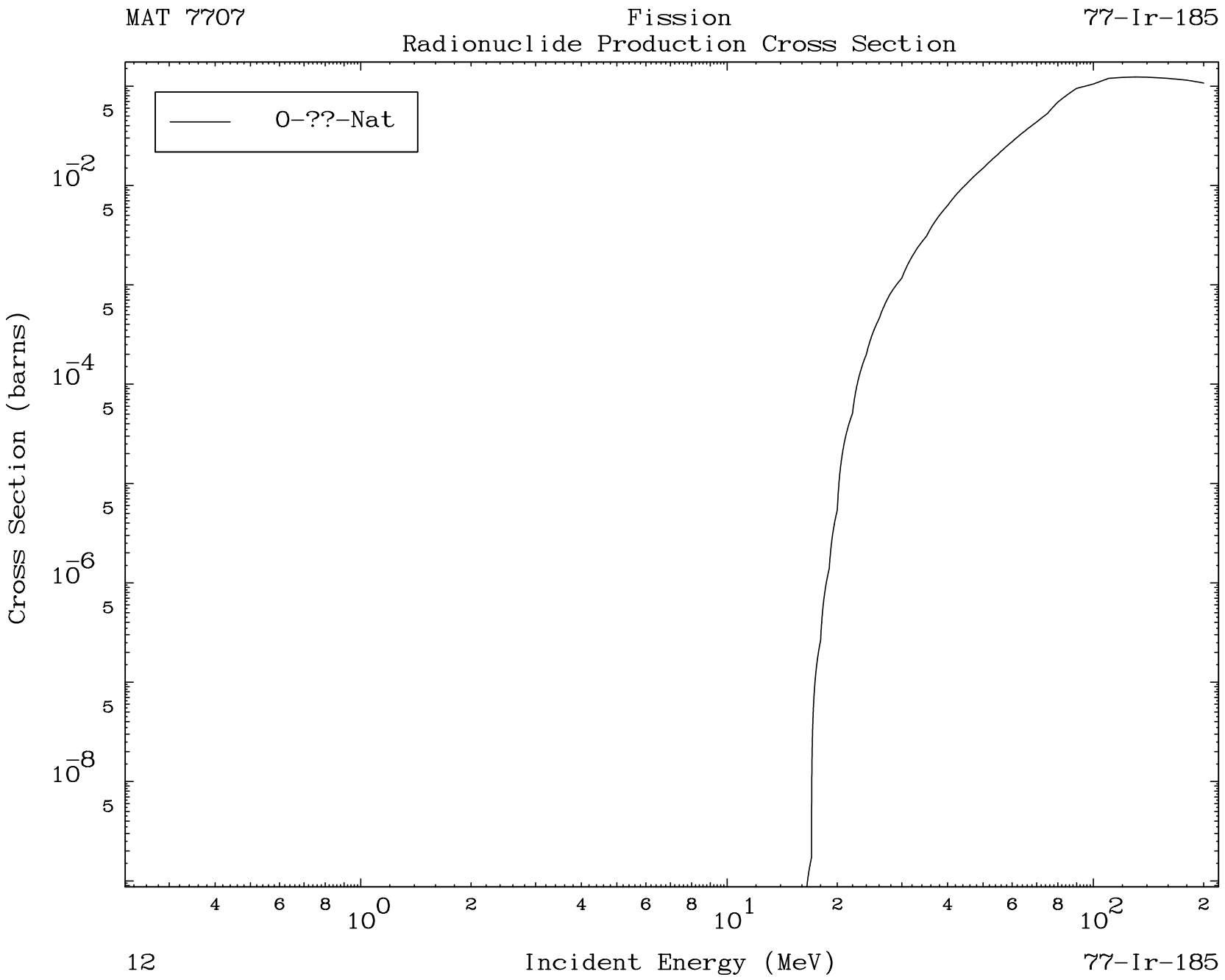

MAT 7707
(α,d) Levels
77-Ir-185
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
7
77-Ir-185

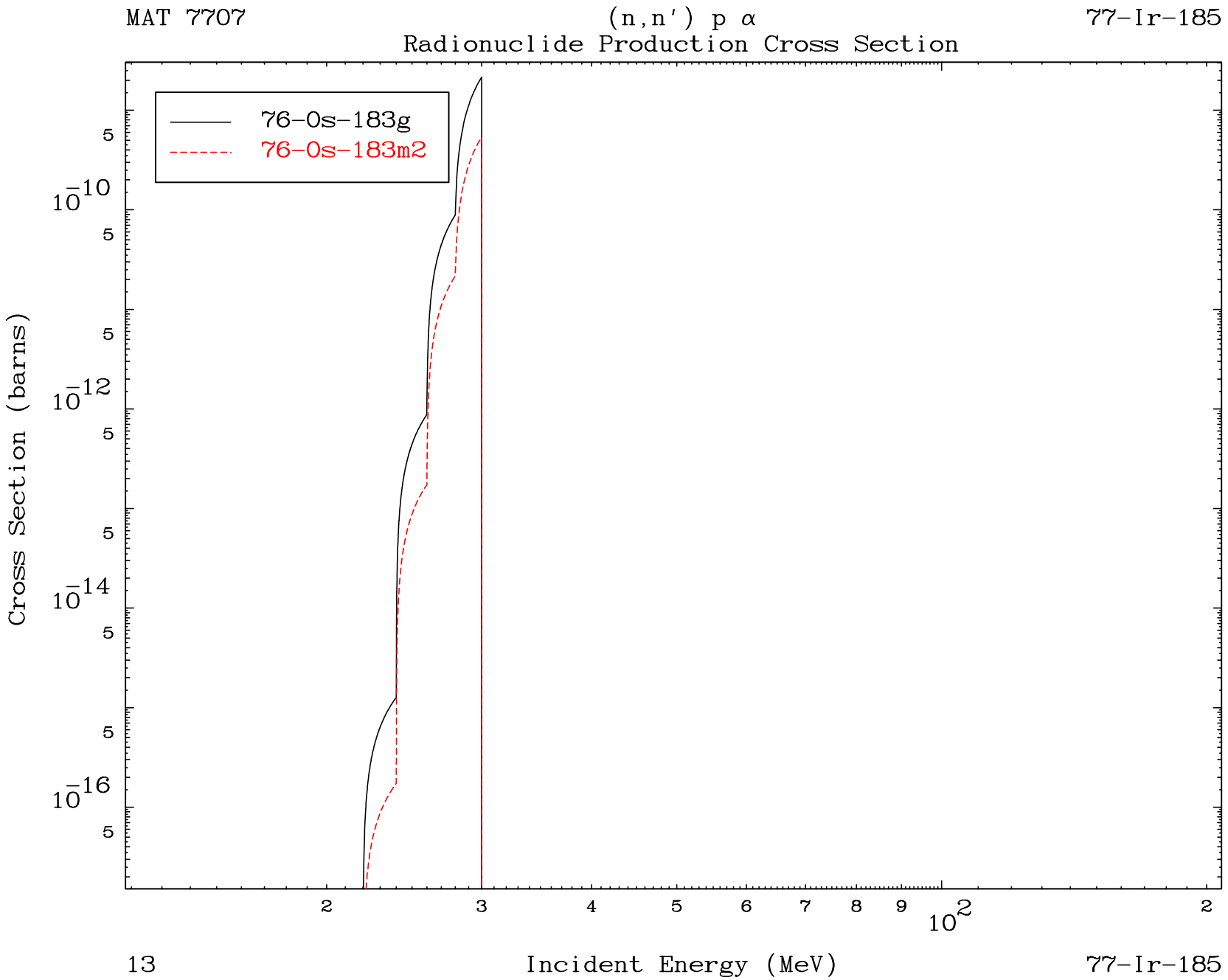

MAT 7707
(α,t) Levels
77-Ir-185
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^2
8
77-Ir-185

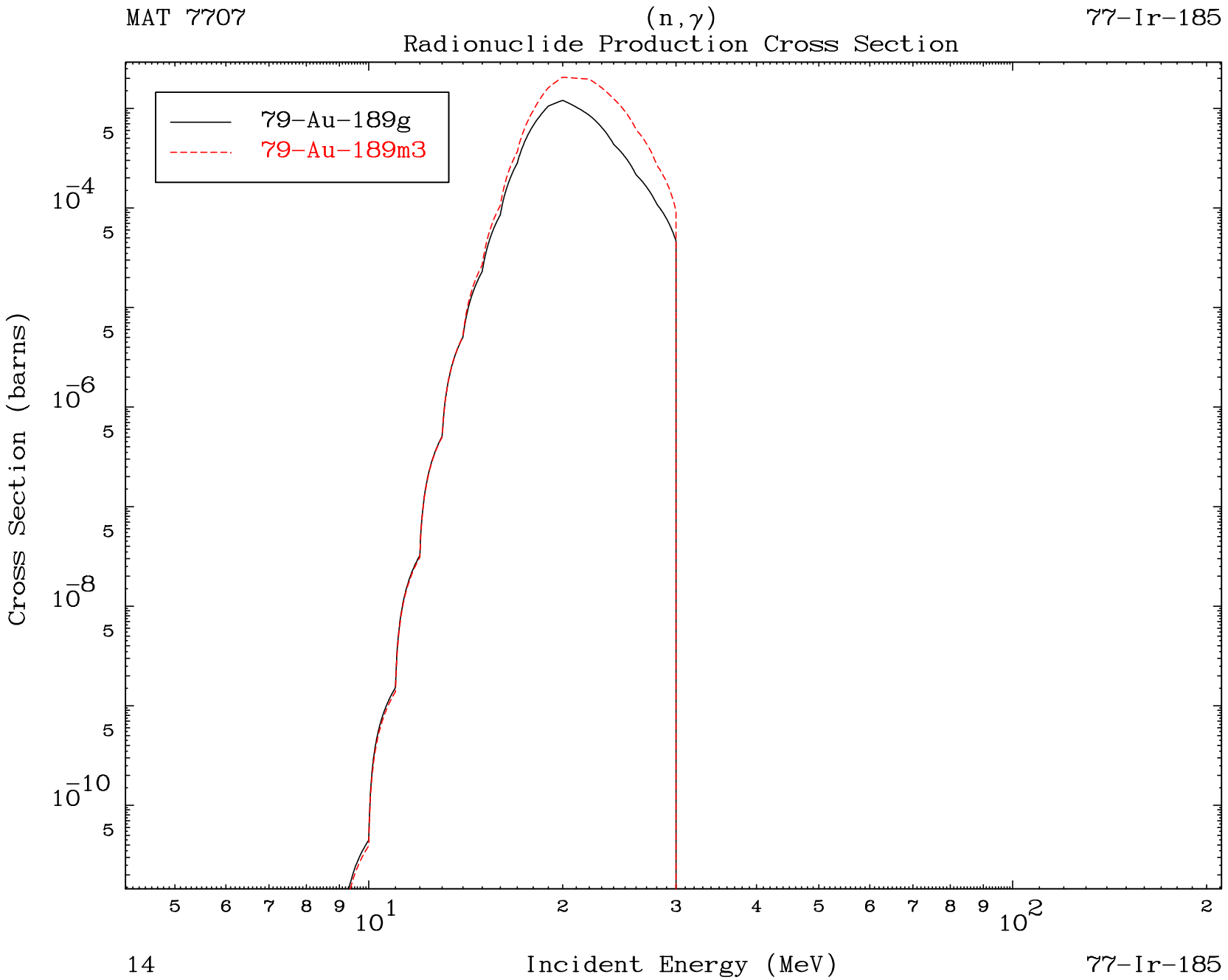

MAT 7707
(α,He3) Levels
77-Ir-185
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-8
10-10
10-12
10-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
9
77-Ir-185

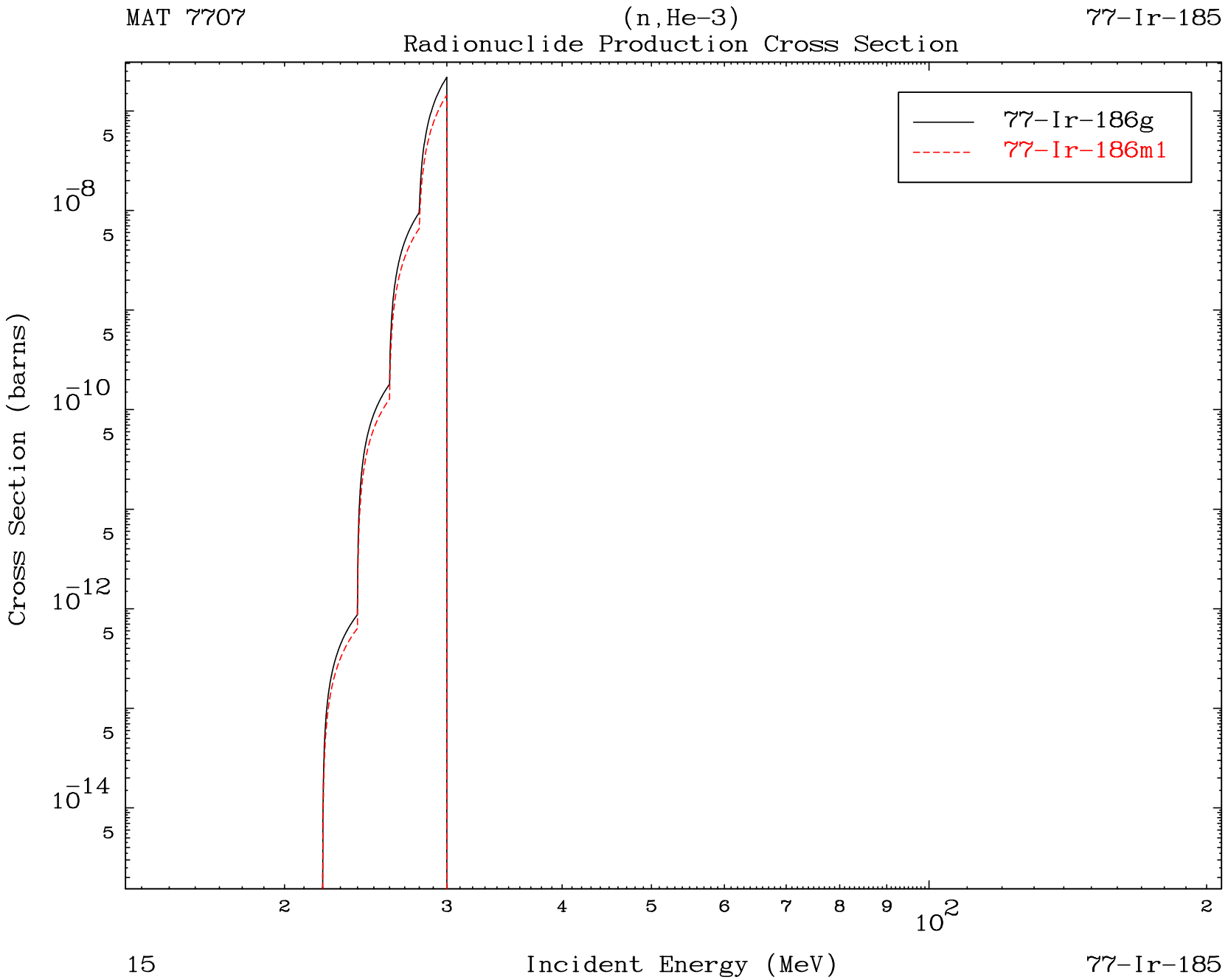

MAT 7707
(α,α) Levels
77-Ir-185
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-2
10^-4
10^-6
10^-8
10^0
10^1
10^2
Incident Energy (MeV)
10
77-Ir-185


MAT 7707
(n,2n)
77-Ir-185
Radionuclide Production Cross Section
79-Au-187g
79-Au-187m2
Cross Section (barns)
Incident Energy (MeV)
11
77-Ir-185


MAT 7707
Fission
77-Ir-185
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
10-2
10-4
10-6
10-8
5
4
6
8
100
2
101
102
12
Incident Energy (MeV)
77-Ir-185


MAT 7707
(n,n') p α
77-Ir-185
Radionuclide Production Cross Section
76-Os-183g
76-Os-183m2
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
77-Ir-185


MAT 7707
(n,γ)
77-Ir-185
Radionuclide Production Cross Section
79-Au-189g
79-Au-189m3
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
10^1
2
3
4
5
6
7
8
9
10^2
2
14
Incident Energy (MeV)
77-Ir-185


MAT 7707
(n,He-3)
77-Ir-185
Radionuclide Production Cross Section
77-Ir-186g
77-Ir-186m1
Cross Section (barns)
Incident Energy (MeV)
15
77-Ir-185