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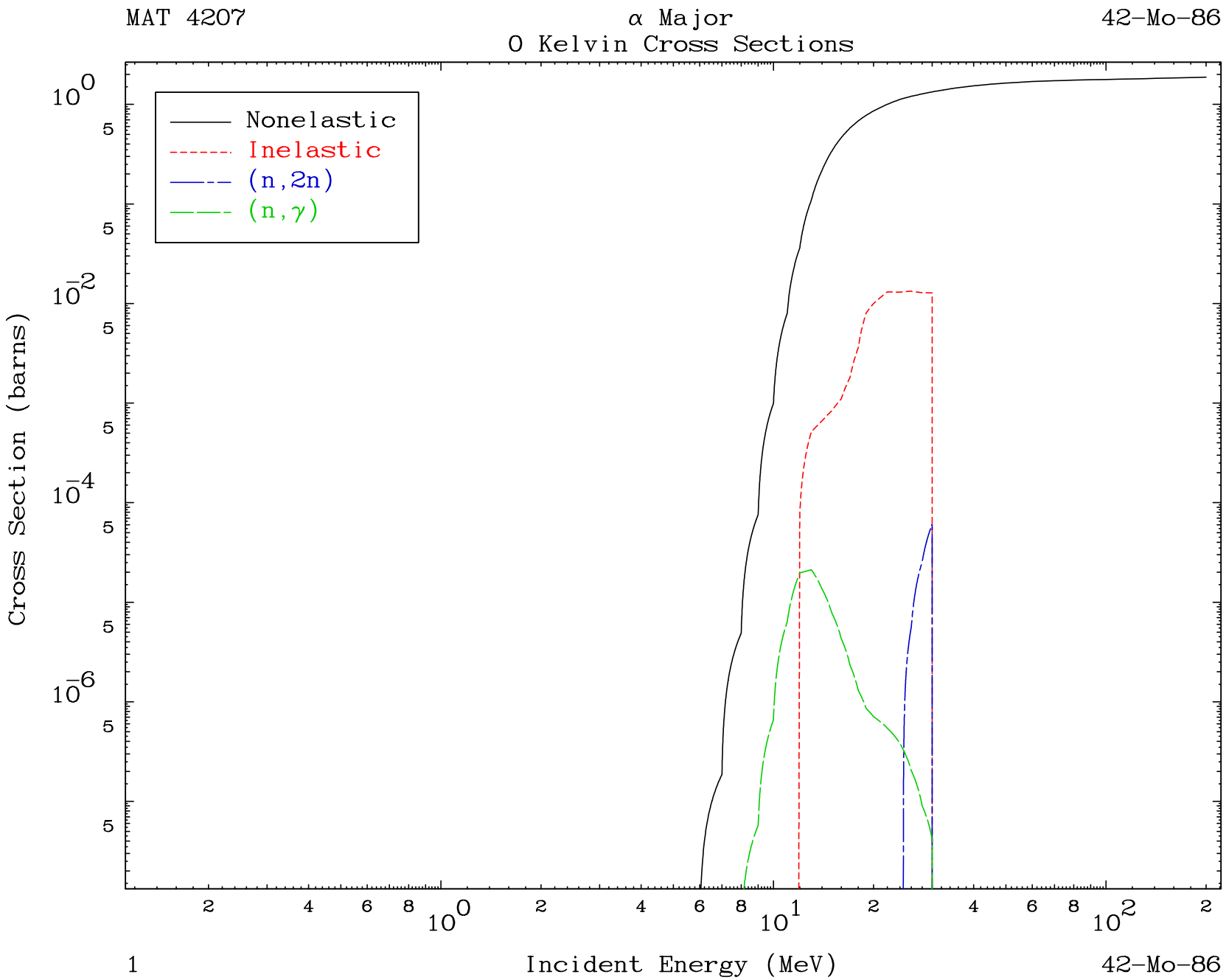
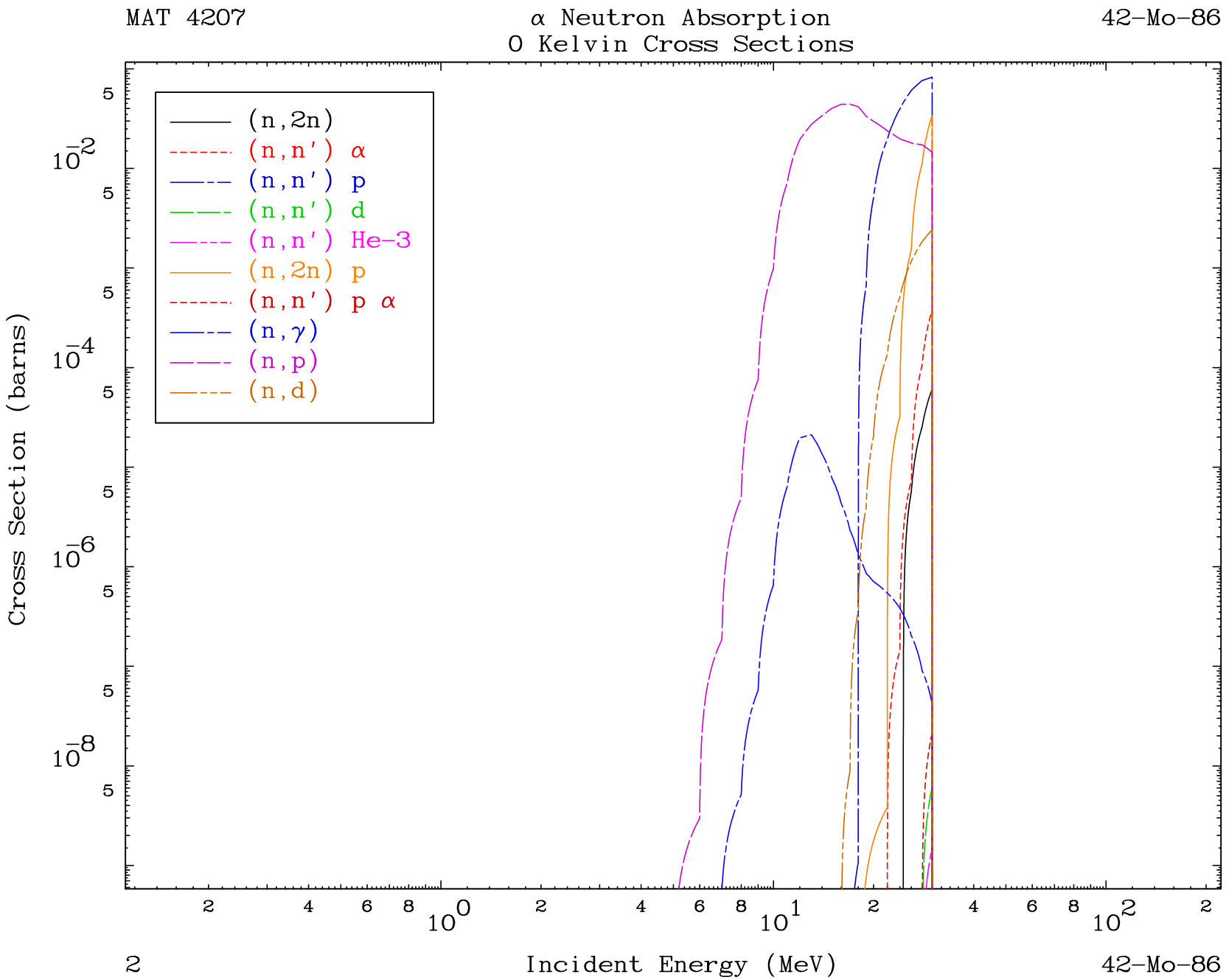
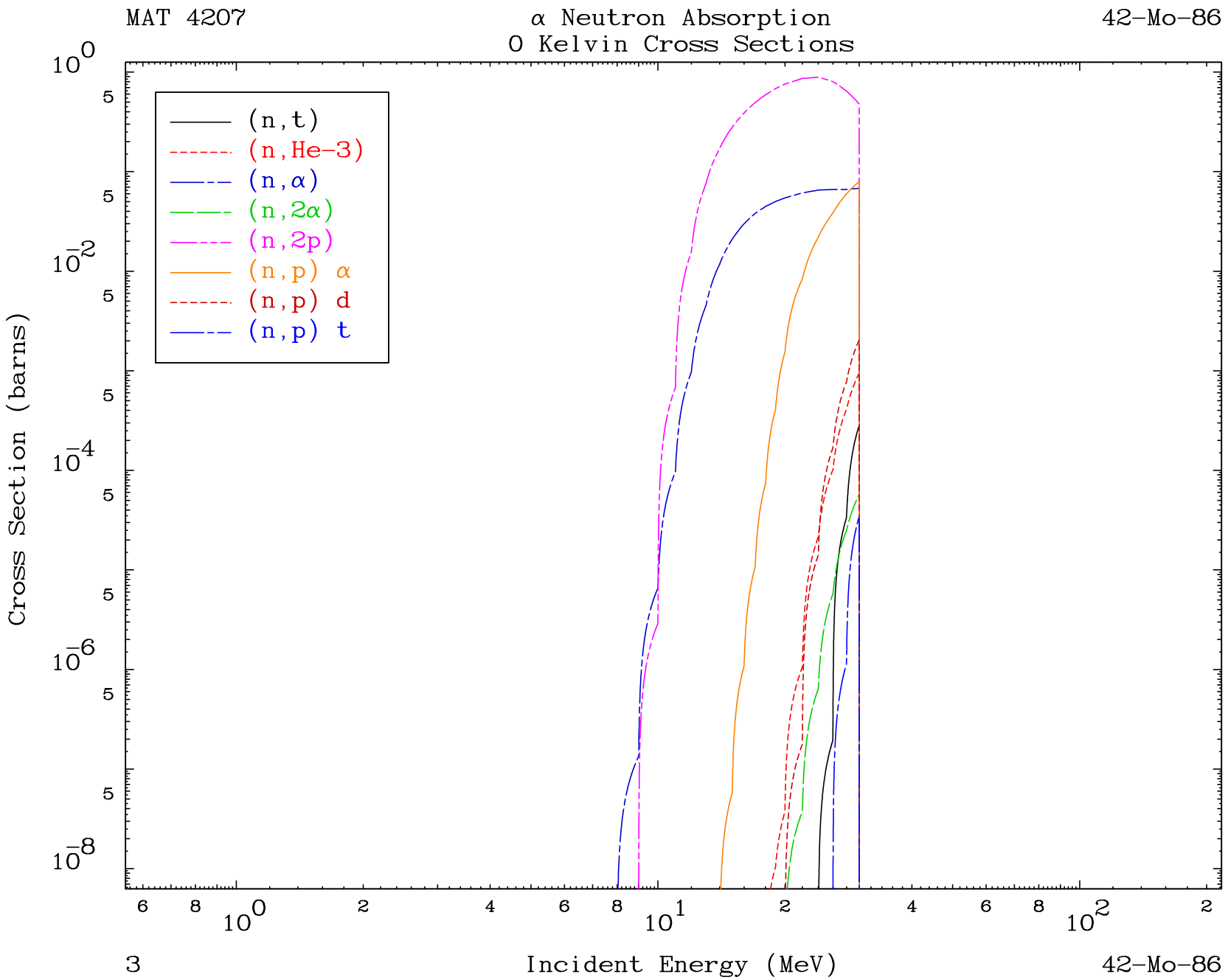
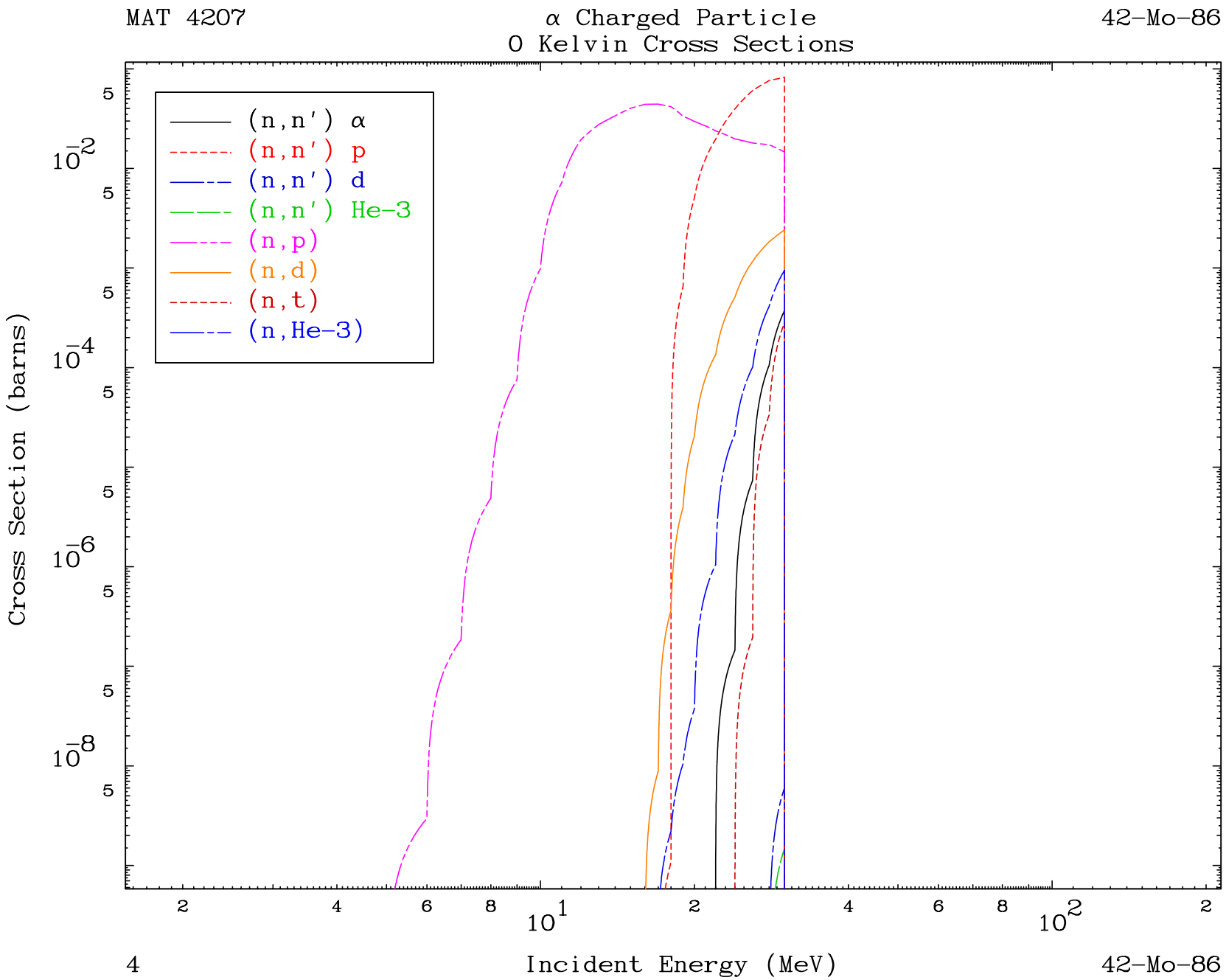
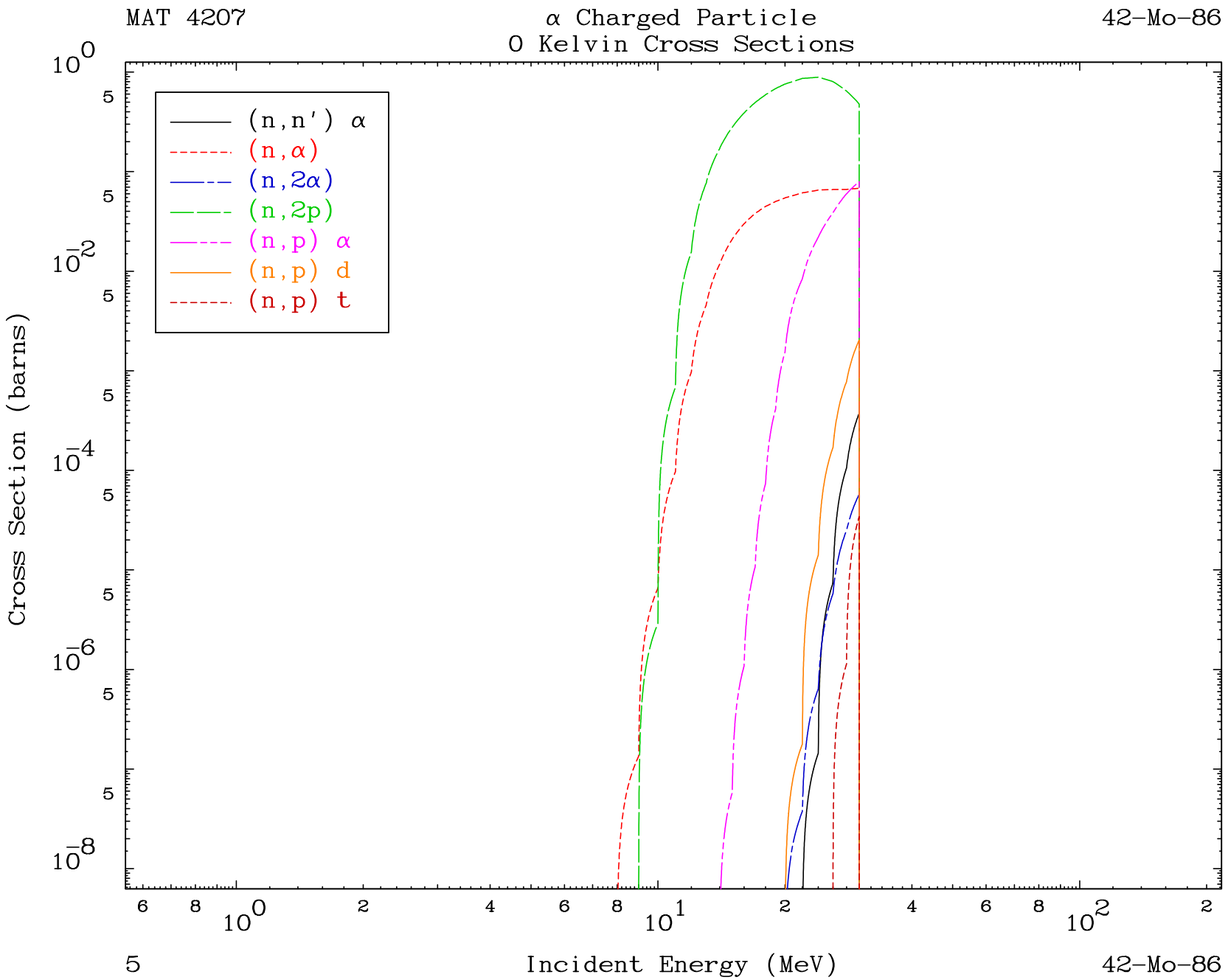
Press Mouse Button to Start

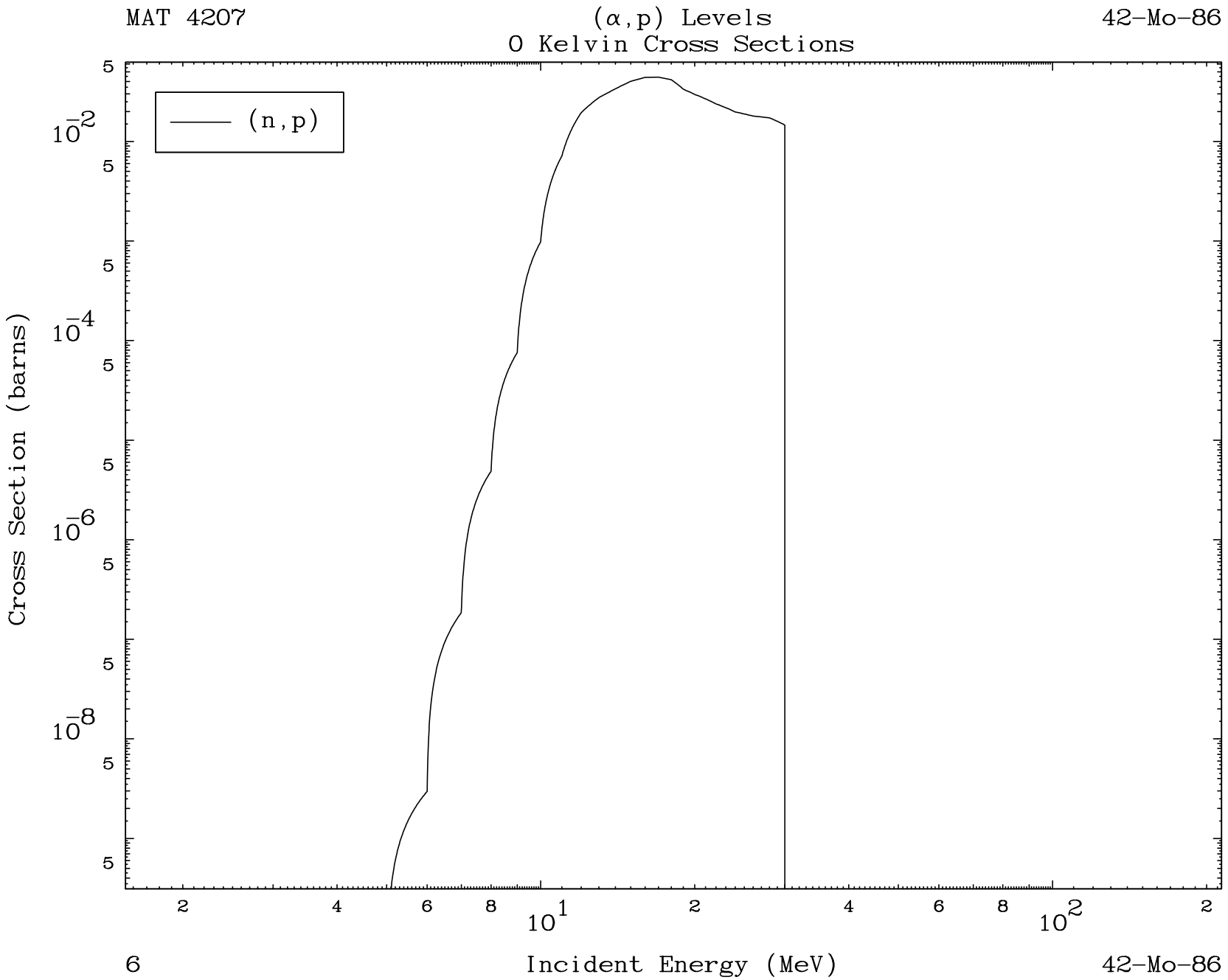

MAT 4207
α Major
42-Mo-86
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-86
1

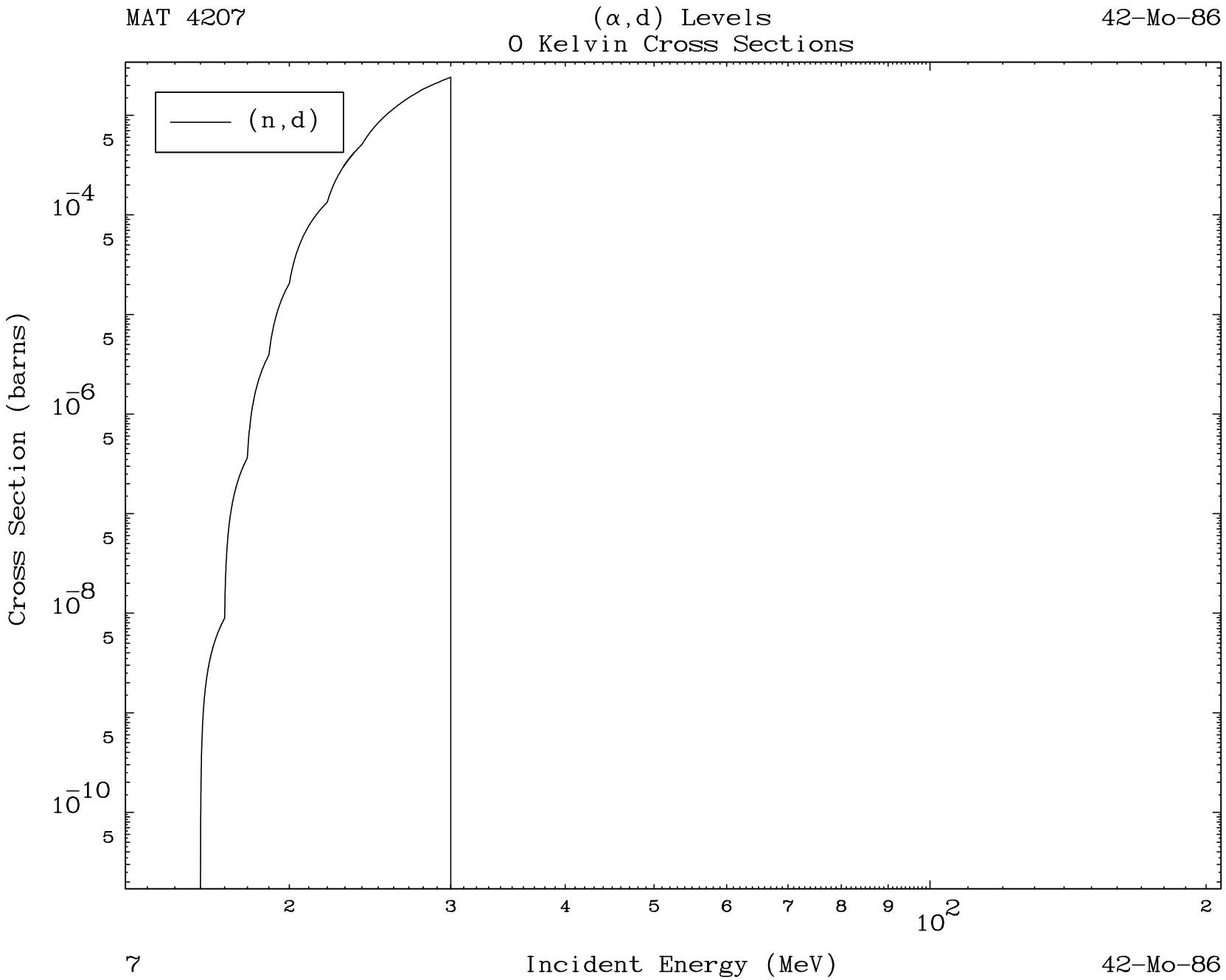

MAT 4207
α Neutron Absorption
0 Kelvin Cross Sections
42-Mo-86
(n,2n)
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,2n) p
(n,n') p α
(n,γ)
(n,p)
(n,d)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-86


MAT 4207
α Neutron Absorption
0 Kelvin Cross Sections
42-Mo-86
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-86

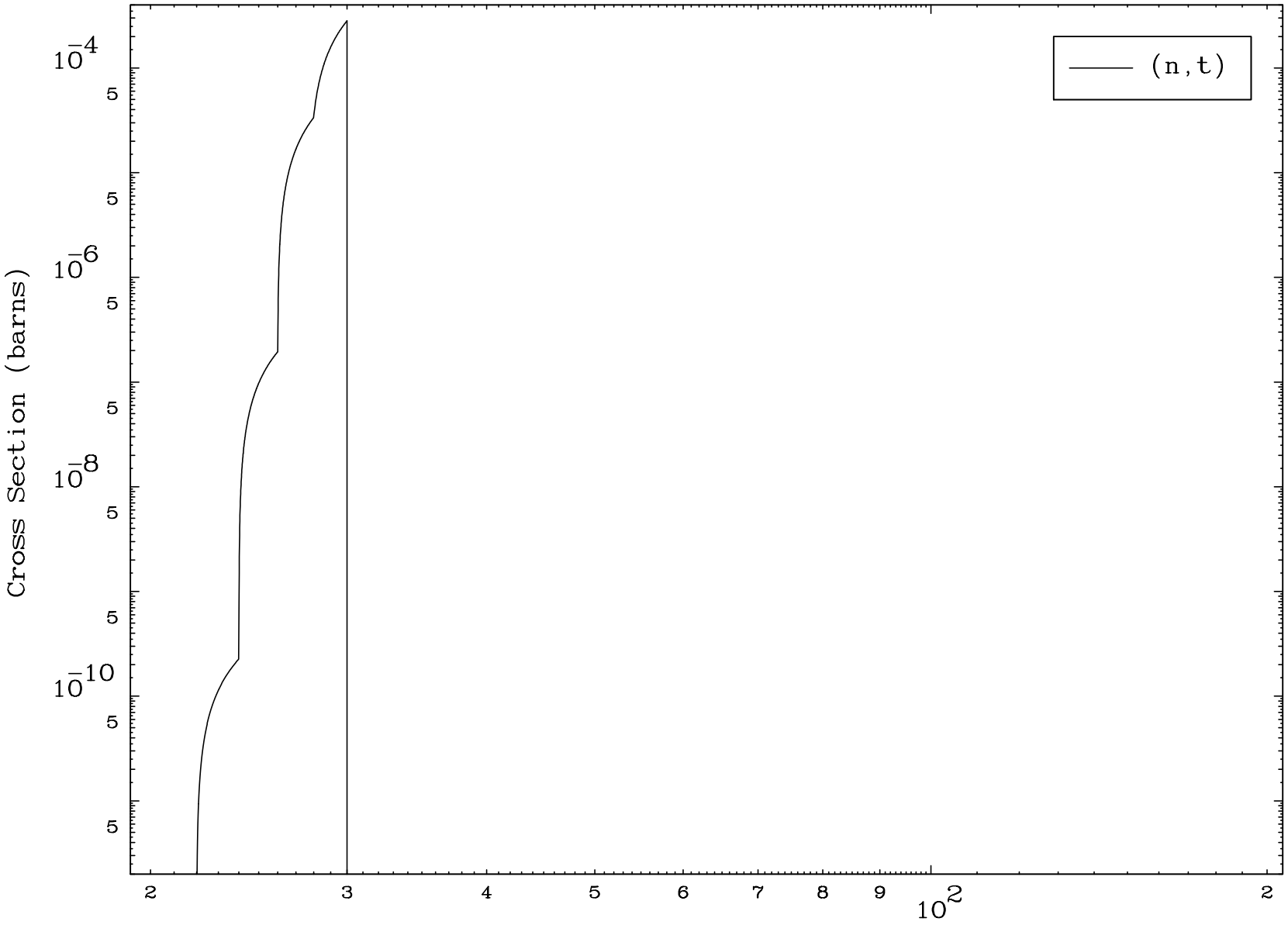

MAT 4207
α Charged Particle
0 Kelvin Cross Sections
42-Mo-86
(n,n') α
(n,n') p
(n,n') d
(n,n') He-3
(n,p)
(n,d)
(n,t)
(n,He-3)
Cross Section (barns)
Incident Energy (MeV)
4
42-Mo-86

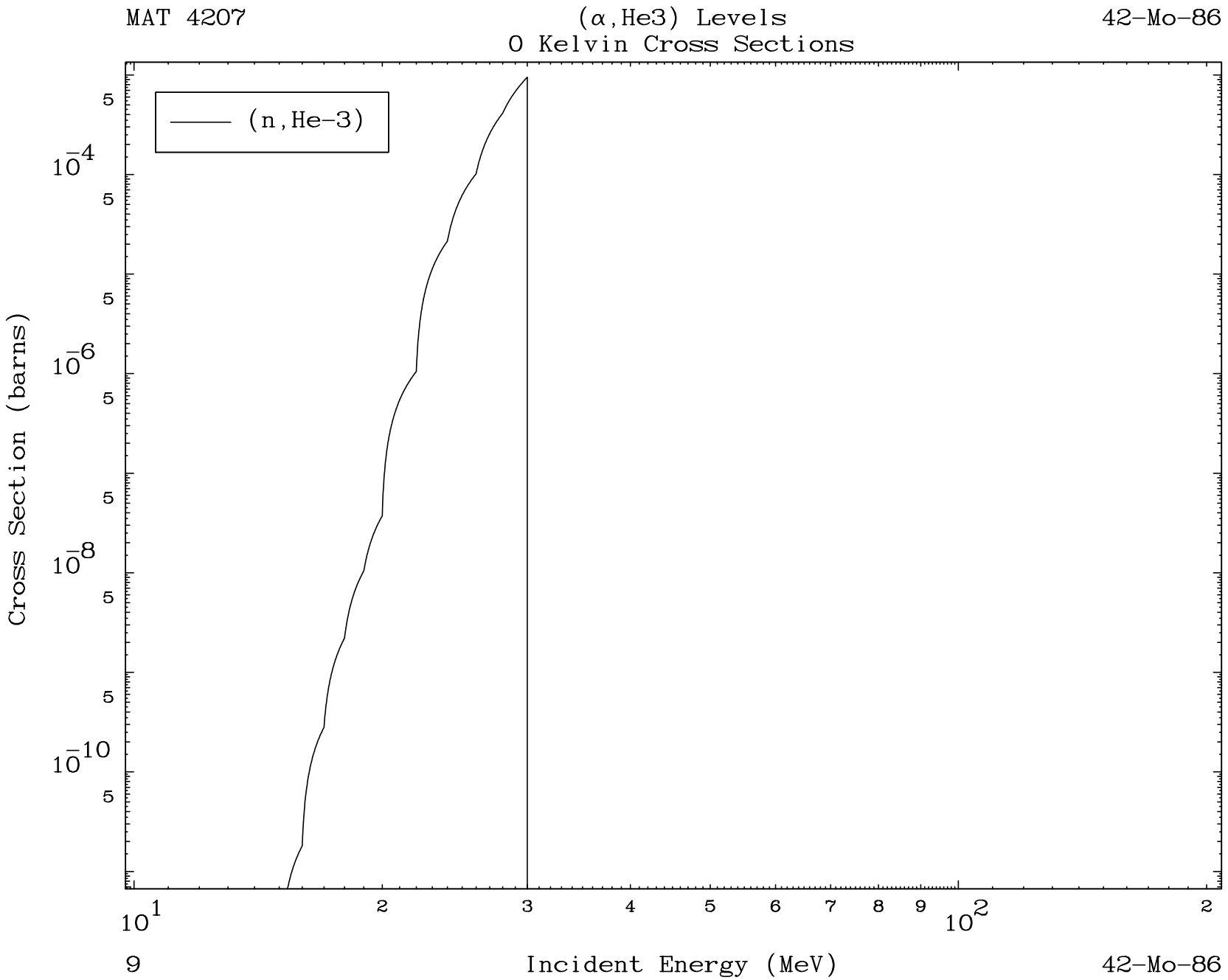

MAT 4207
α Charged Particle
0 Kelvin Cross Sections
42-Mo-86
(n,n') α
(n,α)
(n,2α)
(n,2p)
(n,p) α
(n,p) d
(n,p) t
Cross Section (barns)
Incident Energy (MeV)
42-Mo-86
5

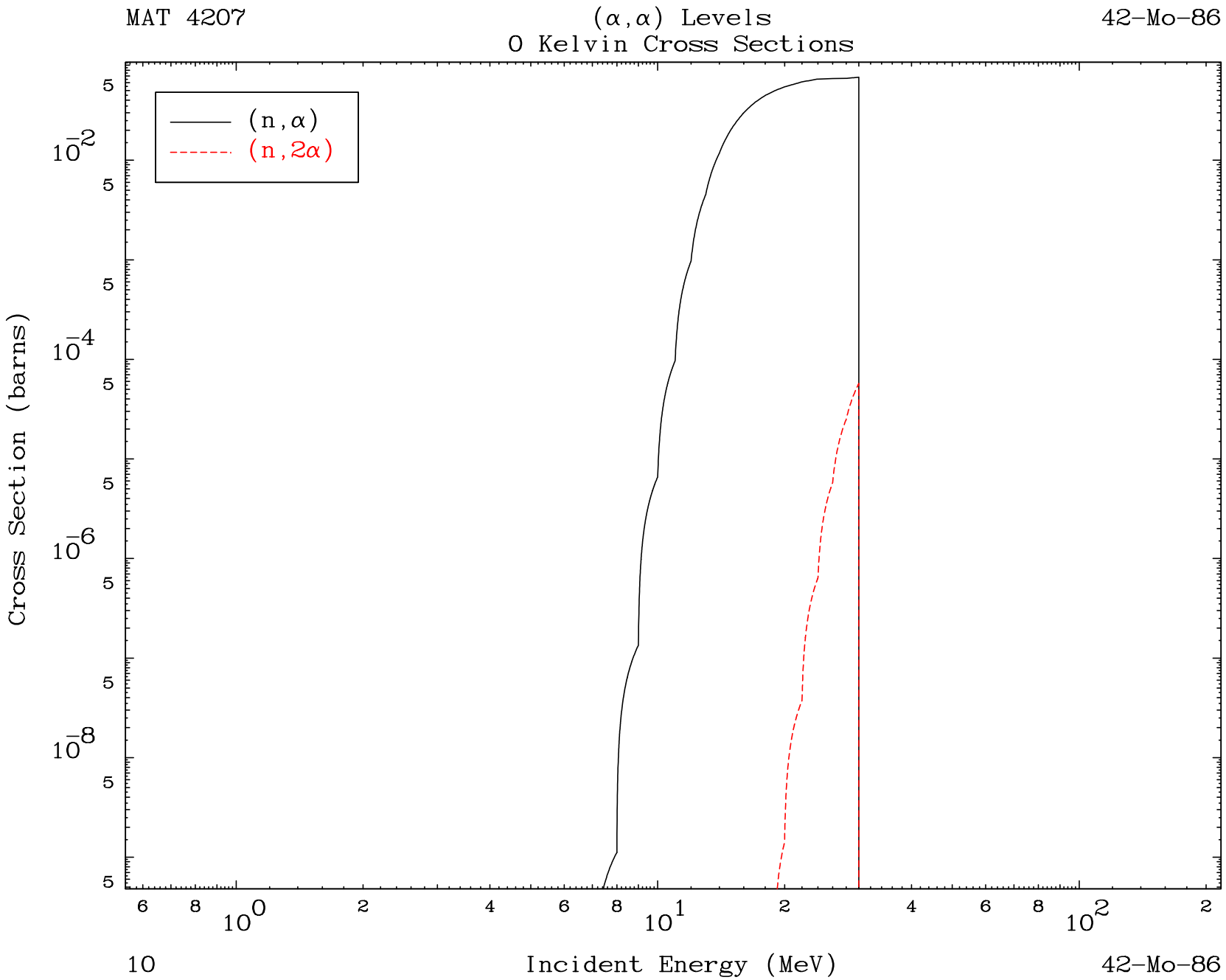

MAT 4207
(α,p) Levels
42-Mo-86
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
6
42-Mo-86

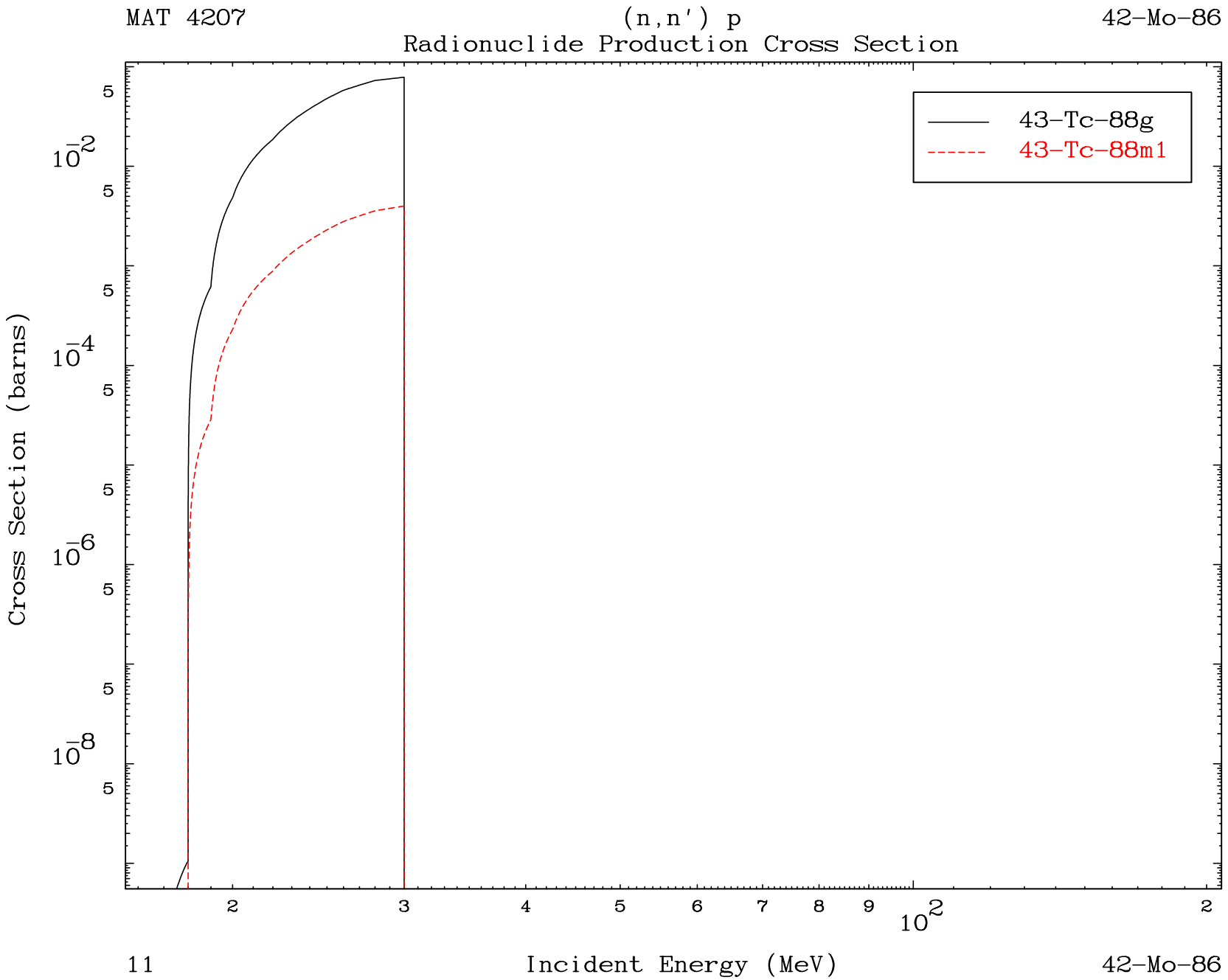

MAT 4207
(α,d) Levels
42-Mo-86
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
7
Incident Energy (MeV)
42-Mo-86

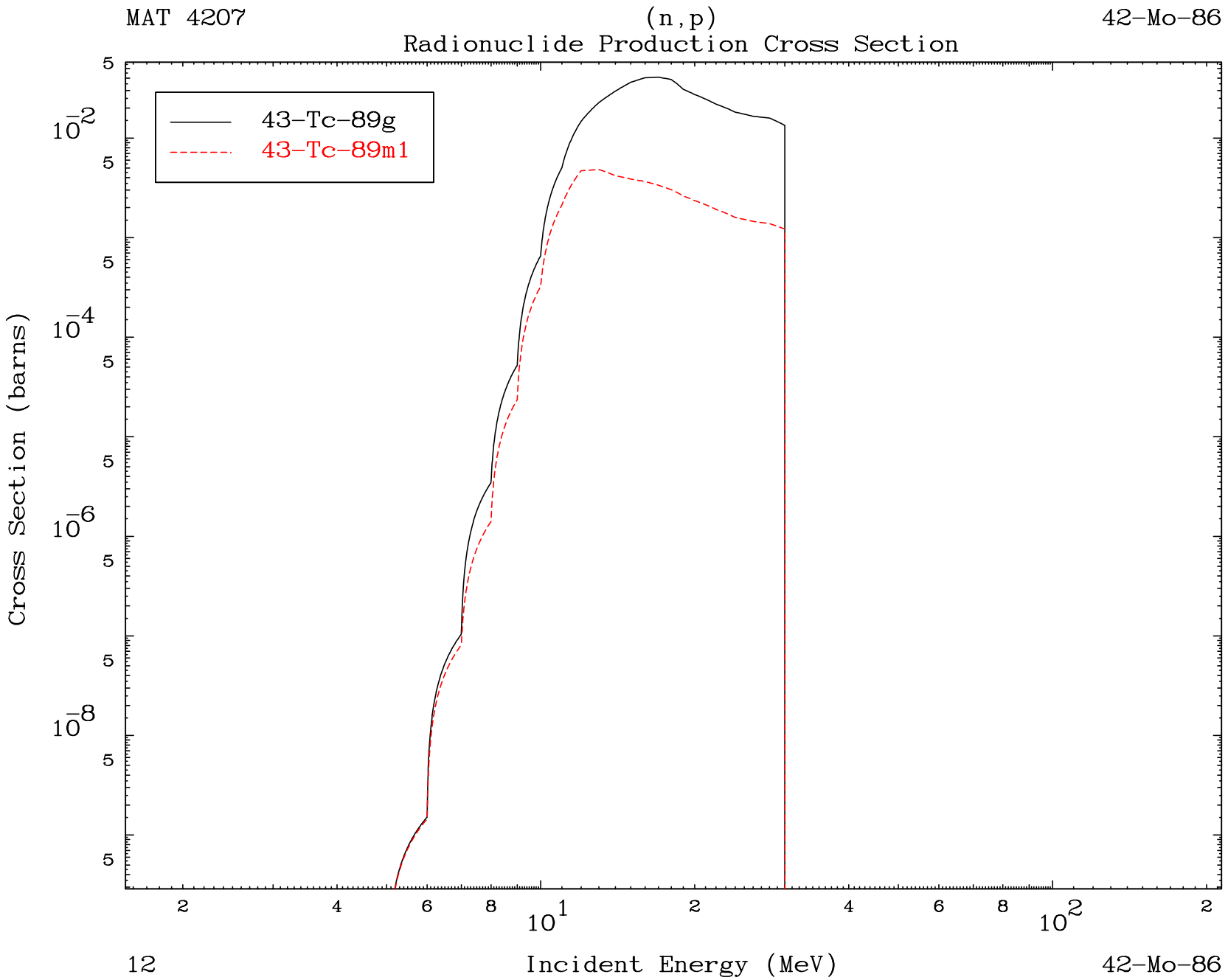
0 Kelvin Cross Sections

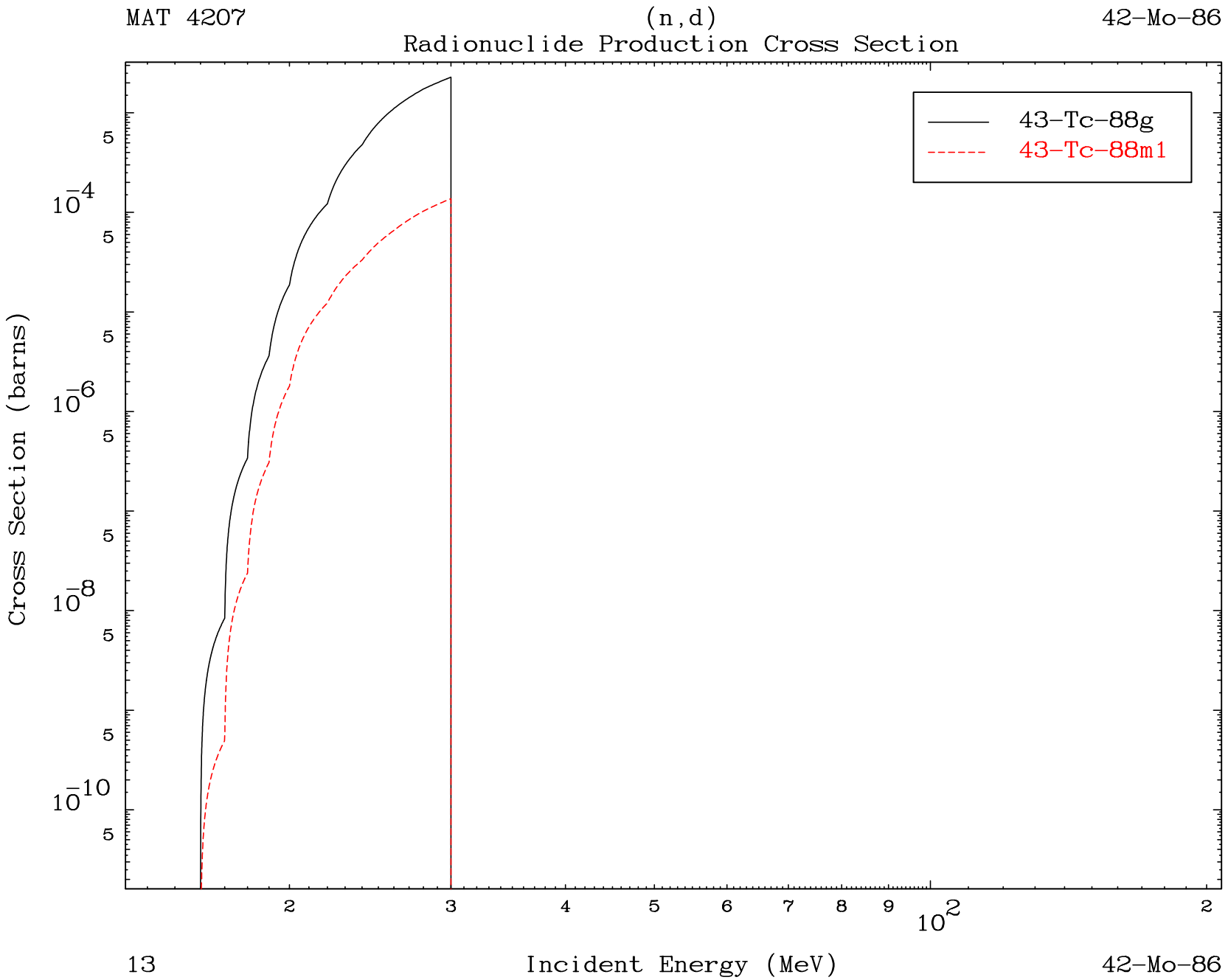


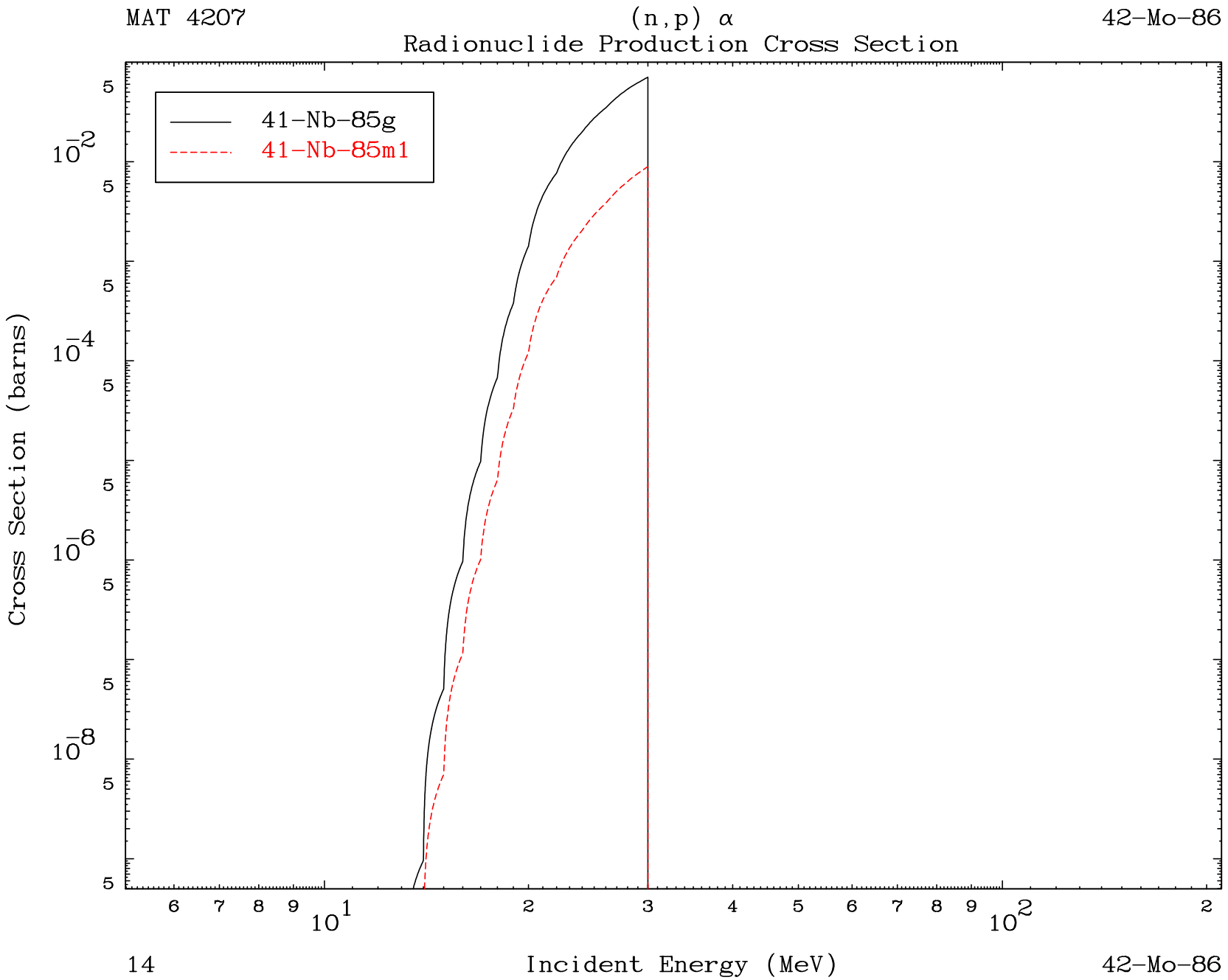

MAT 4207
(α,He3) Levels
42-Mo-86
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10-4
10-6
10-8
10-10
Incident Energy (MeV)
101
102
42-Mo-86


MAT 4207
(α,α) Levels
42-Mo-86
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-86


MAT 4207
(n,n') p
42-Mo-86
Radionuclide Production Cross Section
43-Tc-88g
43-Tc-88m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
42-Mo-86


MAT 4207
(n,p)
42-Mo-86
Radionuclide Production Cross Section
43-Tc-89g
43-Tc-89m1
Cross Section (barns)
10-2
10-4
10-6
10-8
2
4
6
8
101
2
4
6
8
102
2
12
Incident Energy (MeV)
42-Mo-86


MAT 4207
(n,d)
42-Mo-86
Radionuclide Production Cross Section
43-Tc-88g
43-Tc-88m1
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
5
2
3
4
5
6
7
8
9
10^2
2
13
Incident Energy (MeV)
42-Mo-86


MAT 4207
(n,p) α
42-Mo-86
Radionuclide Production Cross Section
41-Nb-85g
41-Nb-85m1
Cross Section (barns)
Incident Energy (MeV)
14
42-Mo-86