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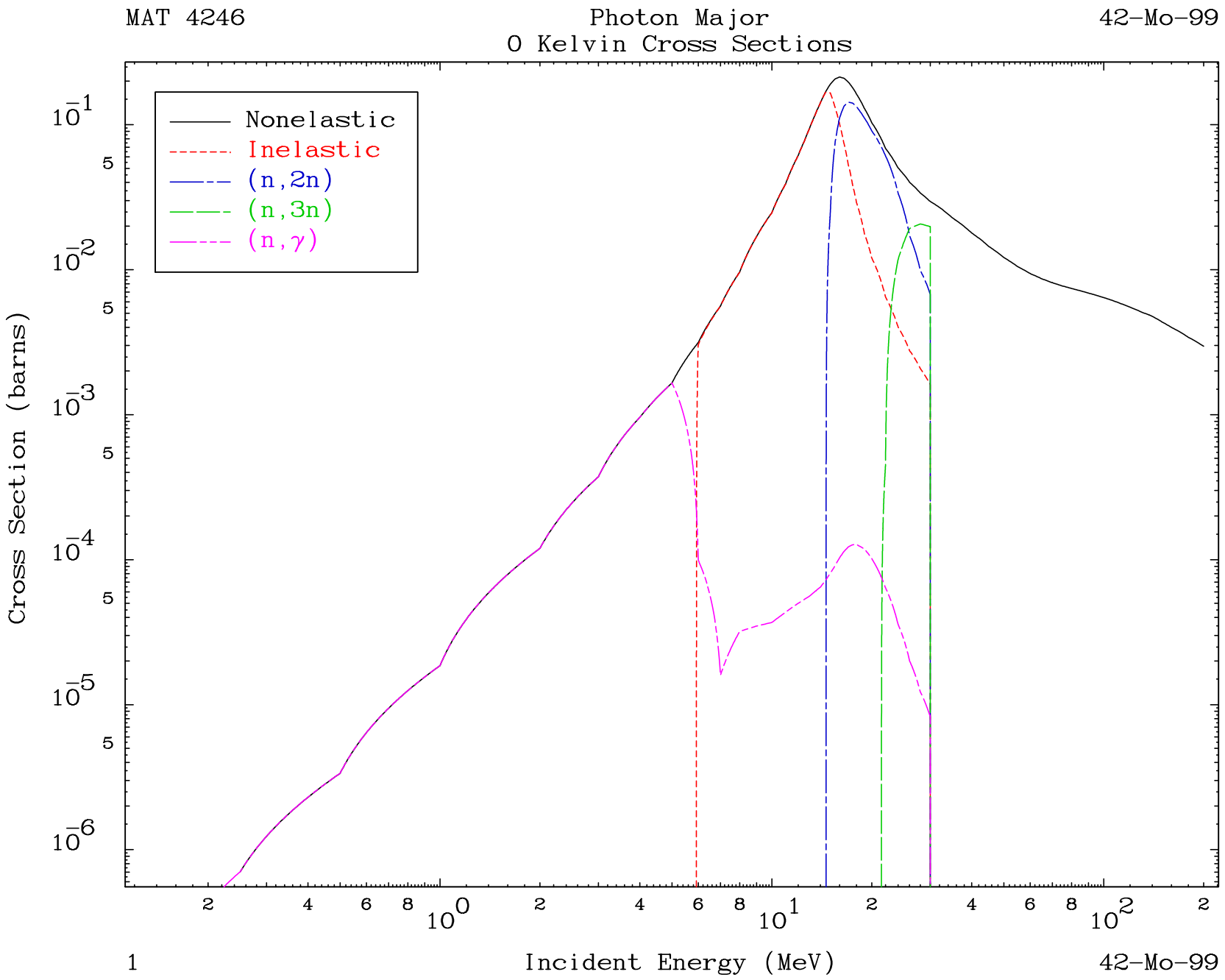
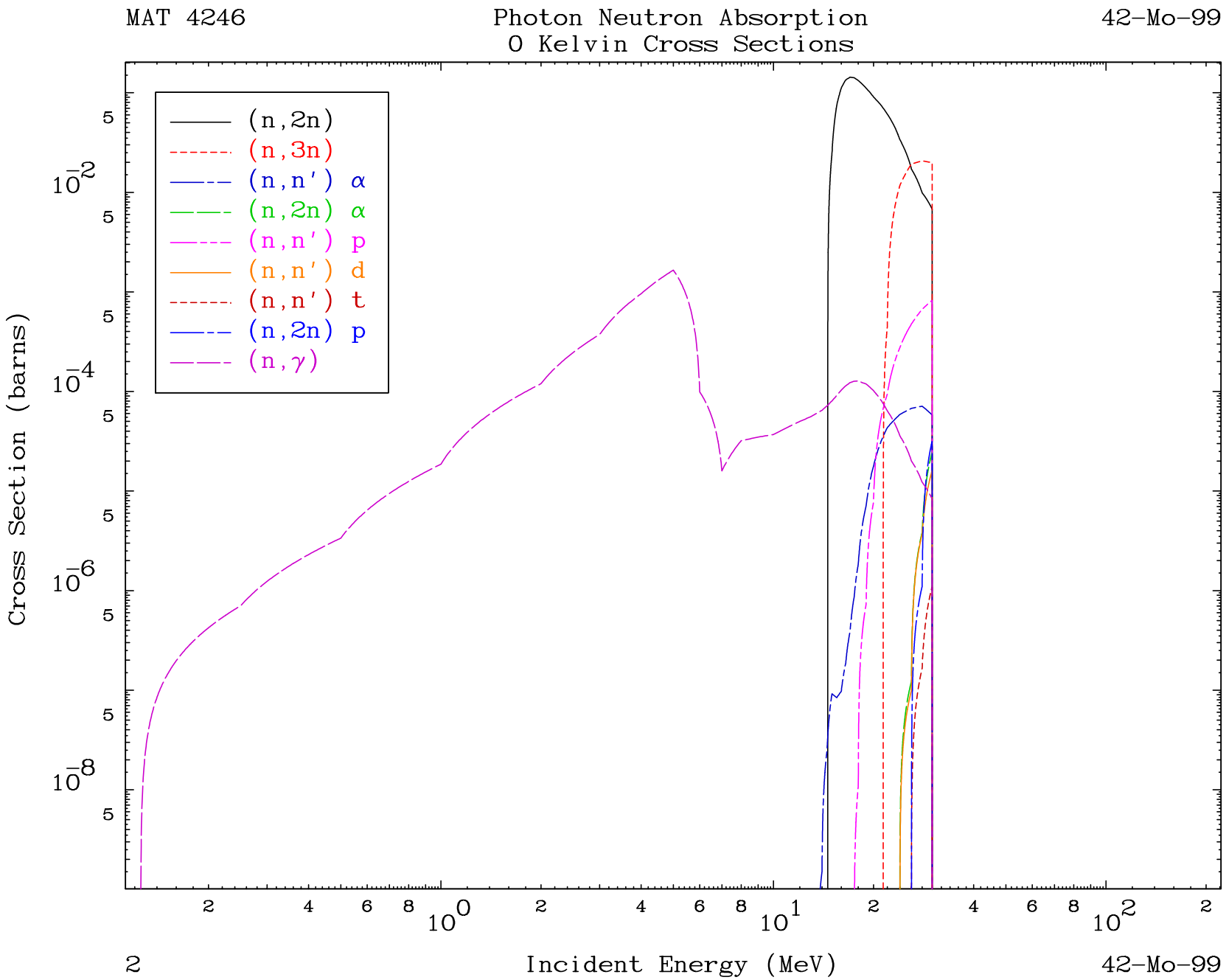
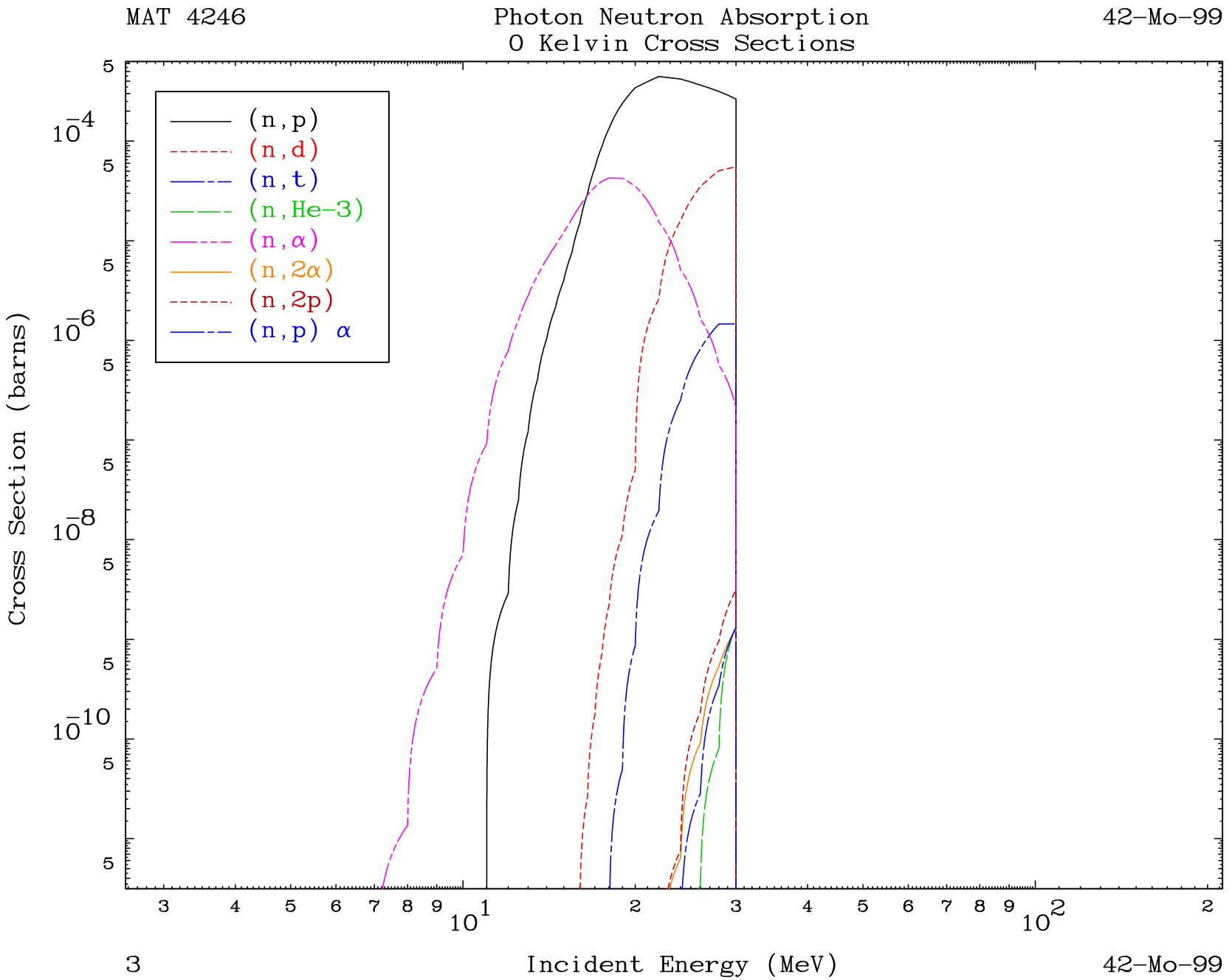
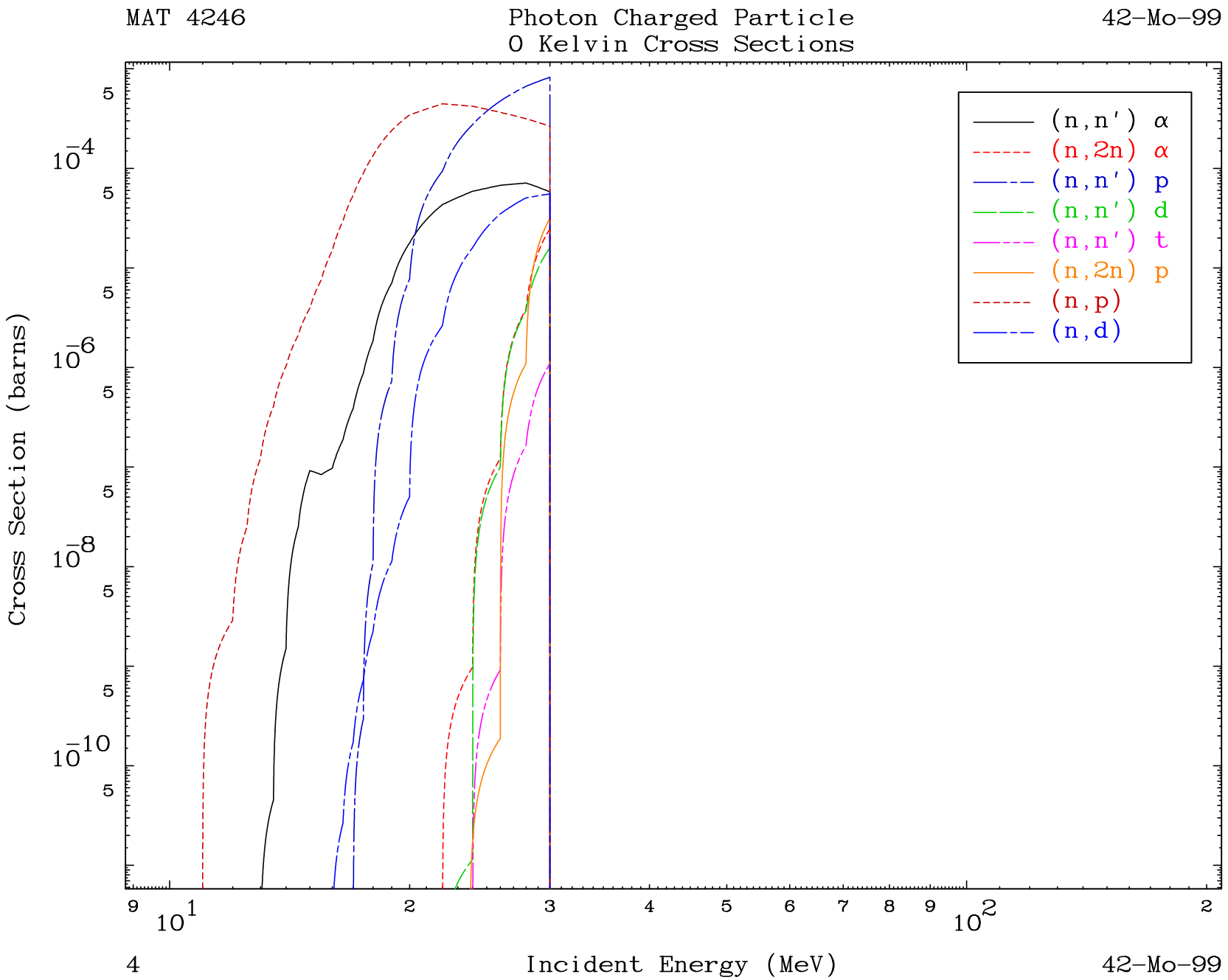
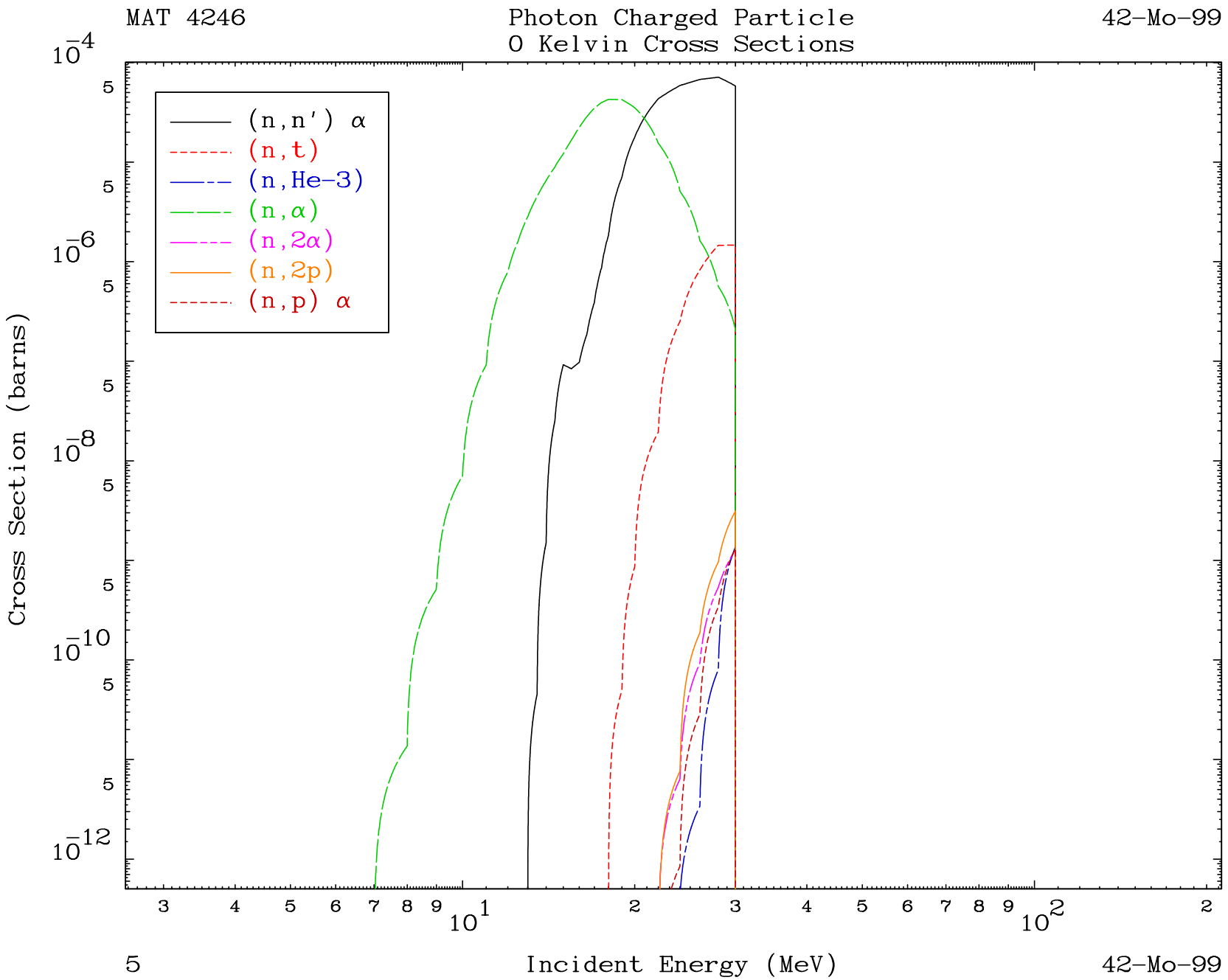
Press Mouse Button to Start

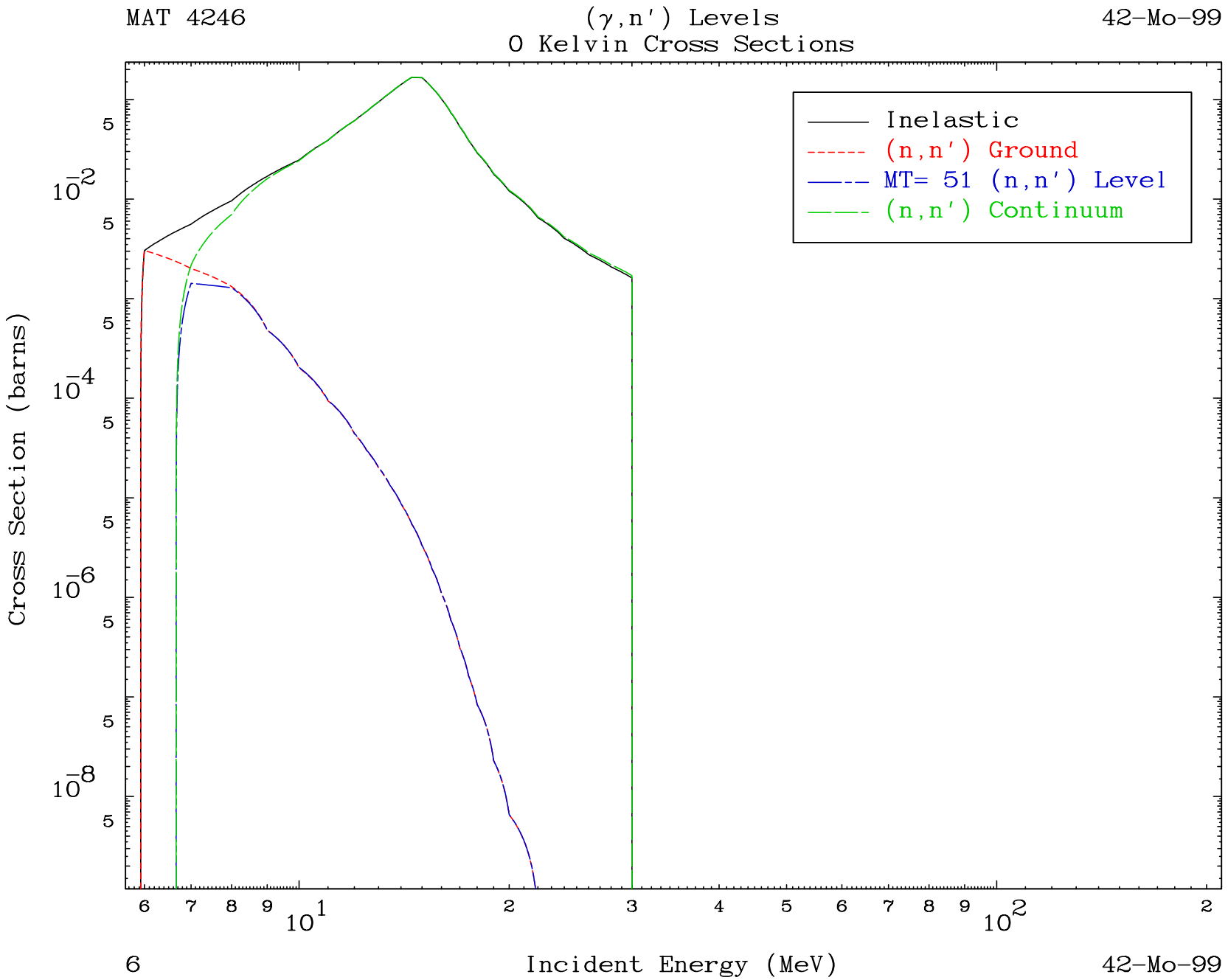

MAT 4246
Photon Major
42-Mo-99
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
42-Mo-99

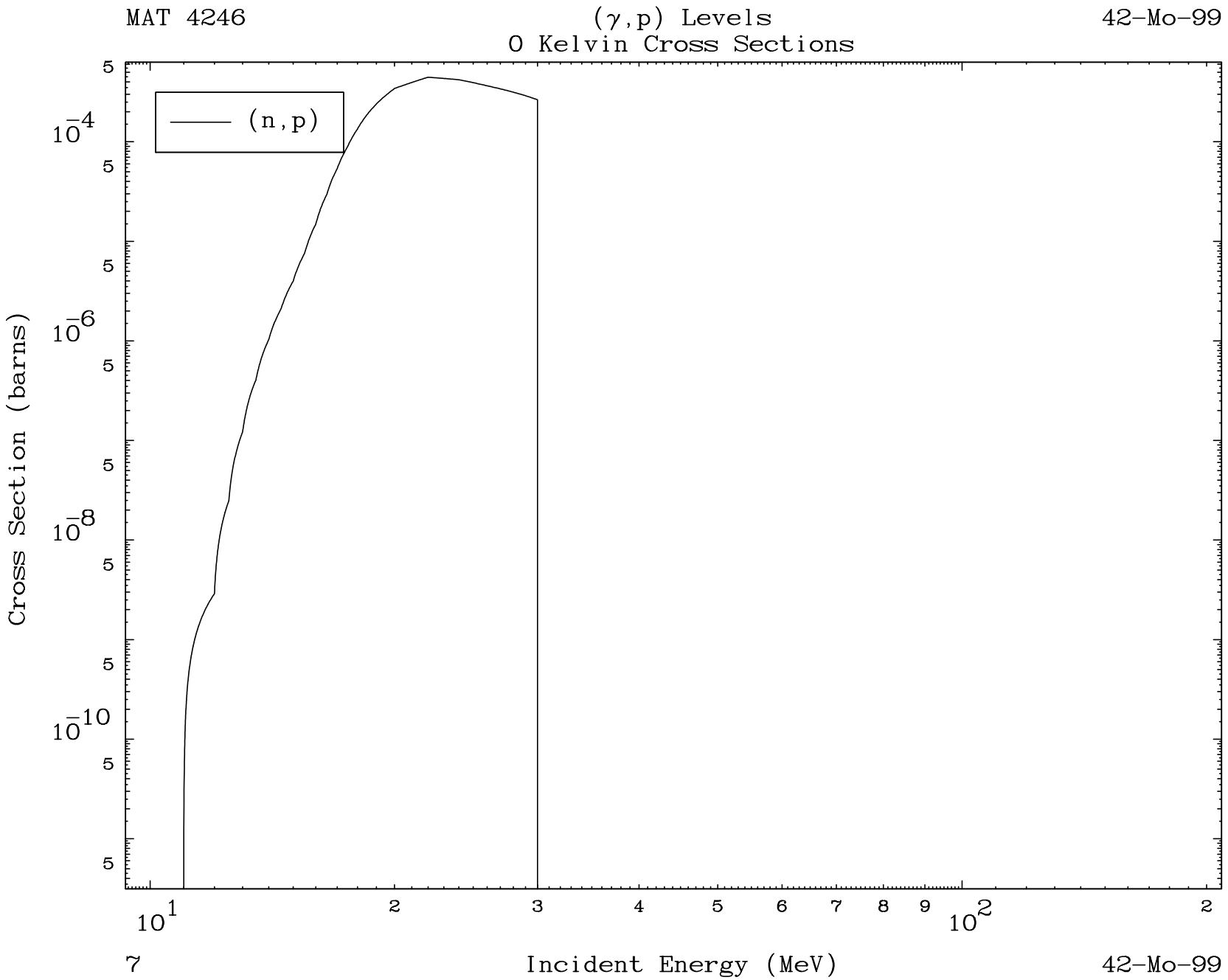

MAT 4246
Photon Neutron Absorption
0 Kelvin Cross Sections
42-Mo-99
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
42-Mo-99

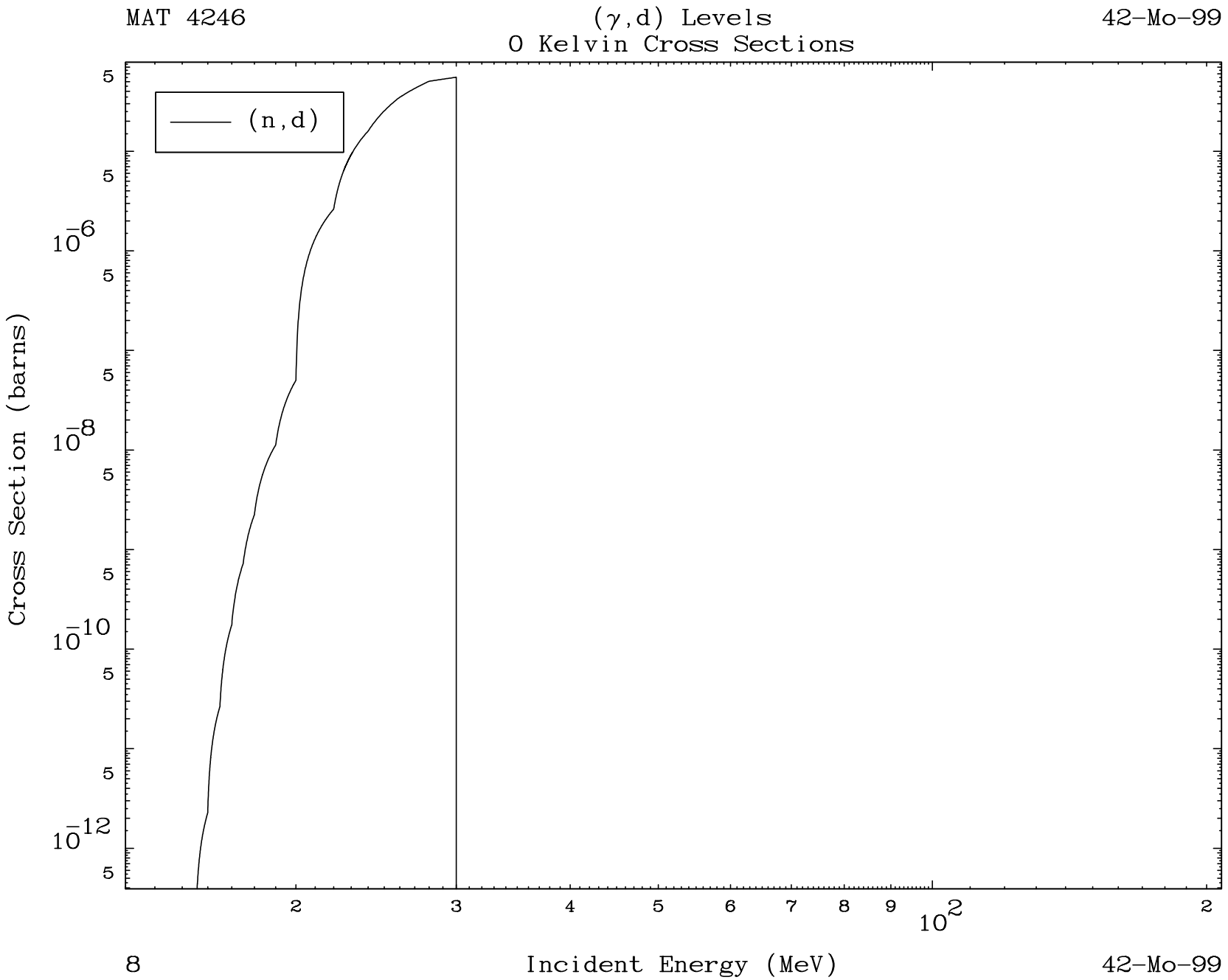

MAT 4246
Photon Neutron Absorption
0 Kelvin Cross Sections
42-Mo-99
(n,p)
(n,d)
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
3
42-Mo-99

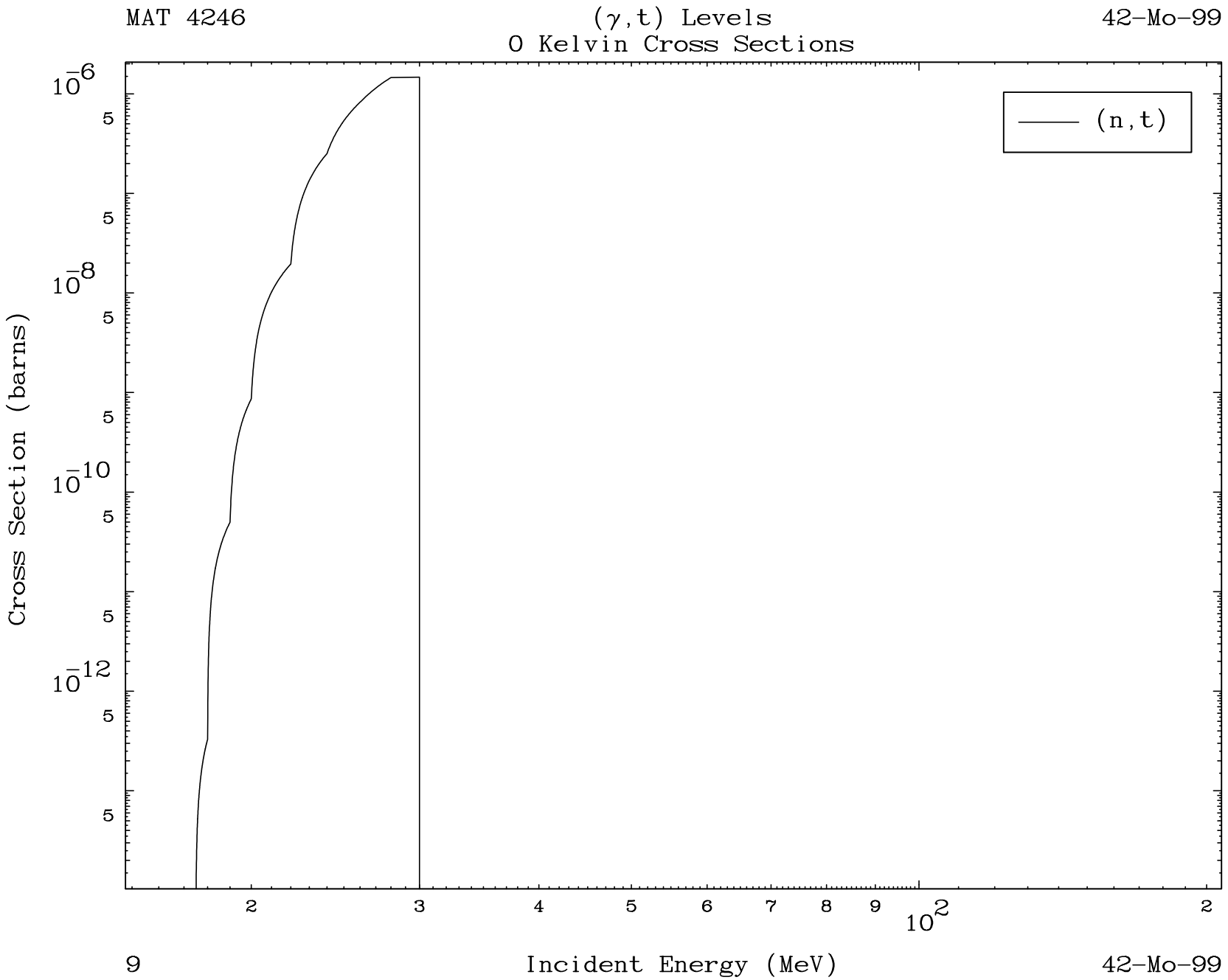

MAT 4246
Photon Charged Particle
0 Kelvin Cross Sections
42-Mo-99
Cross Section (barns)
Incident Energy (MeV)
42-Mo-99
4
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)

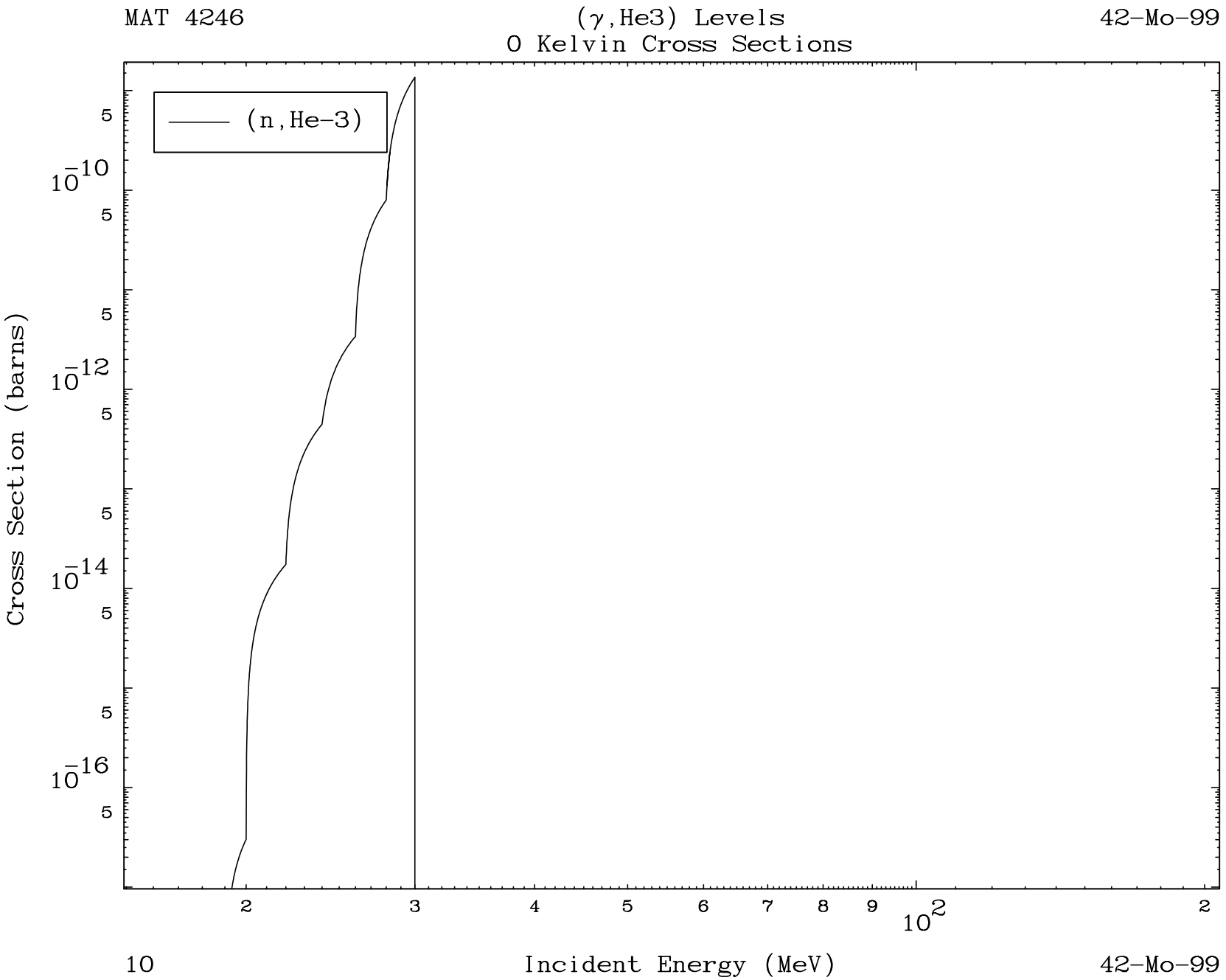

MAT 4246
Photon Charged Particle
0 Kelvin Cross Sections
42-Mo-99
(n,n') α
(n,t)
(n,He-3)
(n,α)
(n,2α)
(n,2p)
(n,p) α
Cross Section (barns)
Incident Energy (MeV)
42-Mo-99

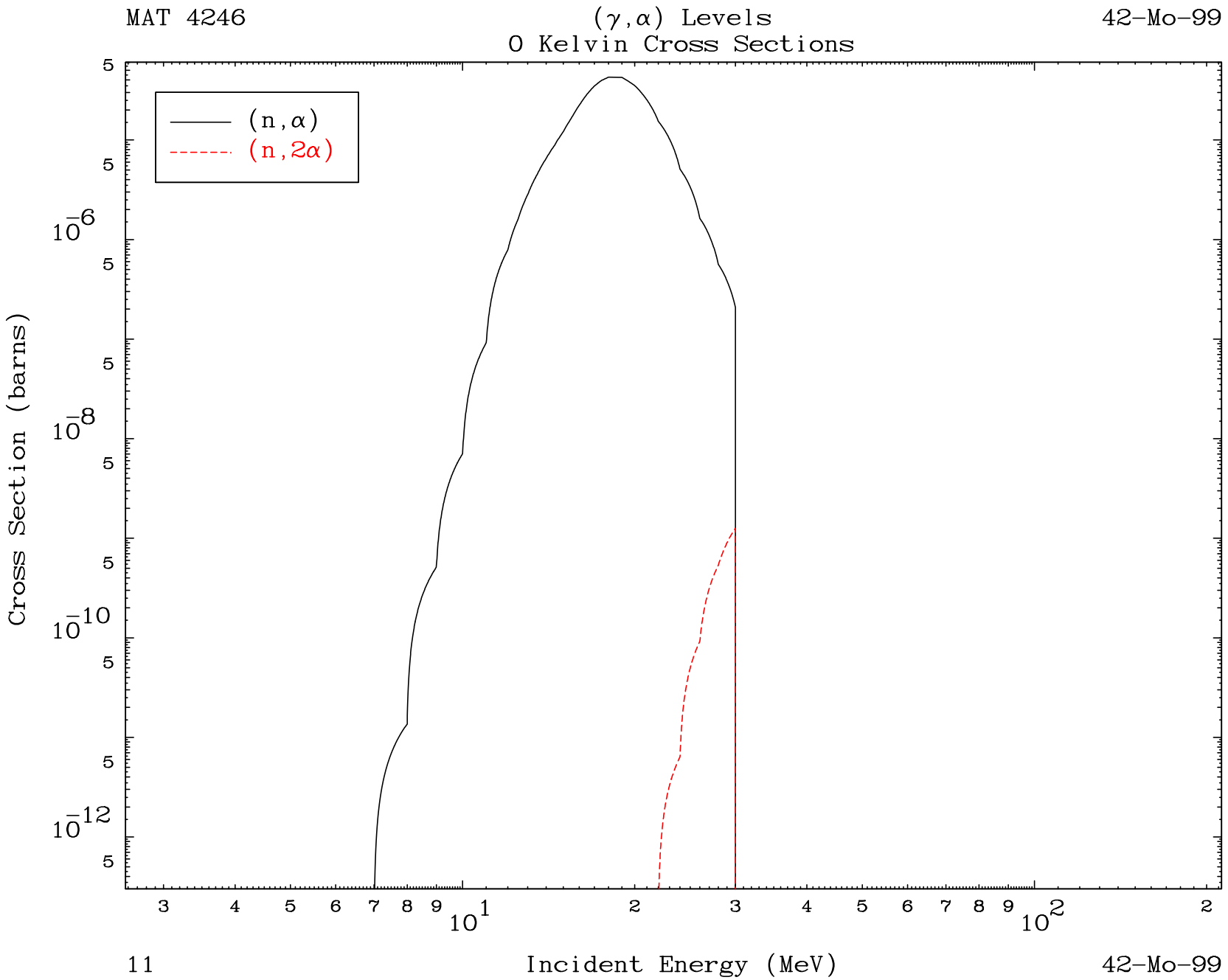

MAT 4246
(γ,n') Levels
42-Mo-99
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
42-Mo-99

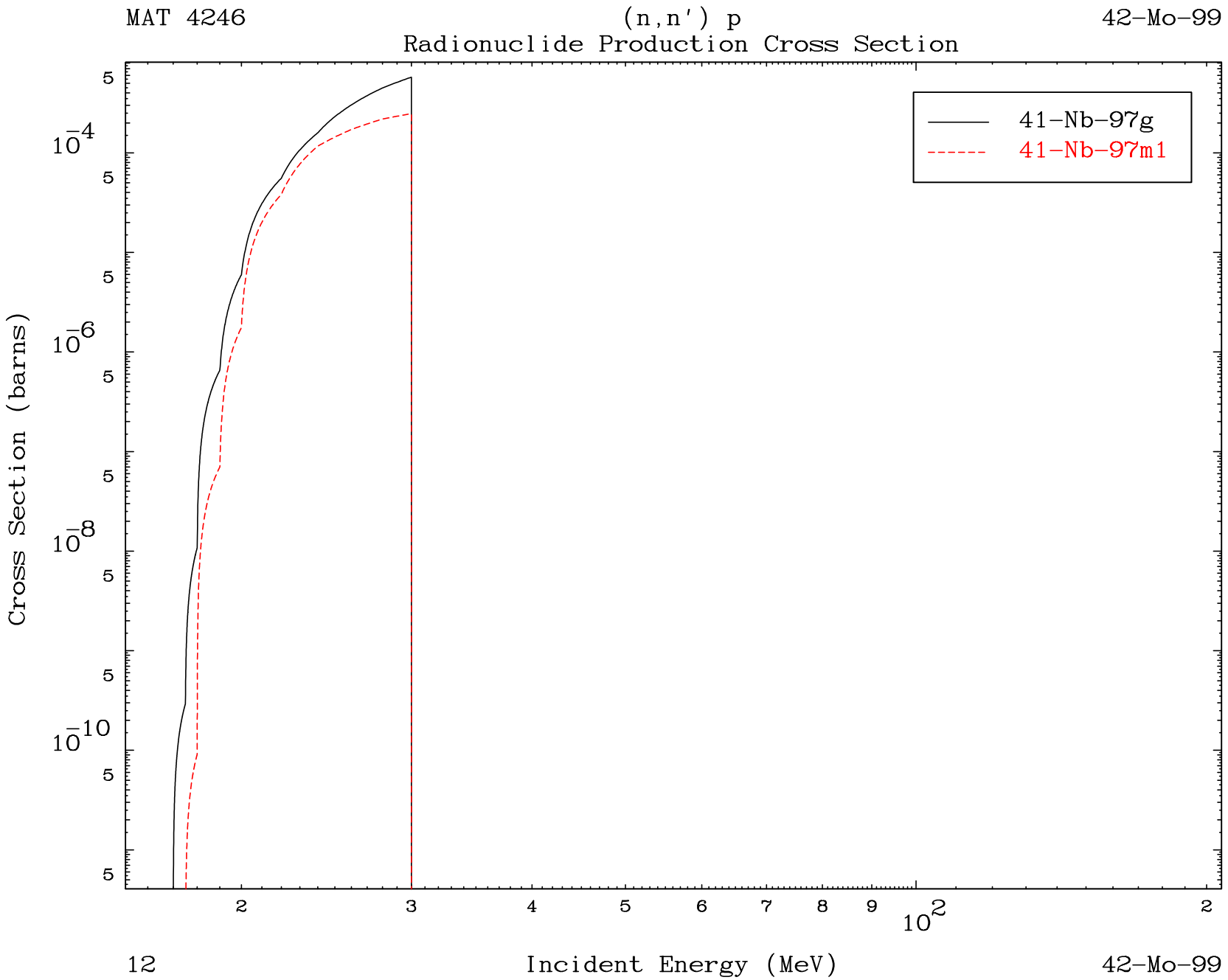

MAT 4246
(γ,p) Levels
42-Mo-99
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^1
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
42-Mo-99

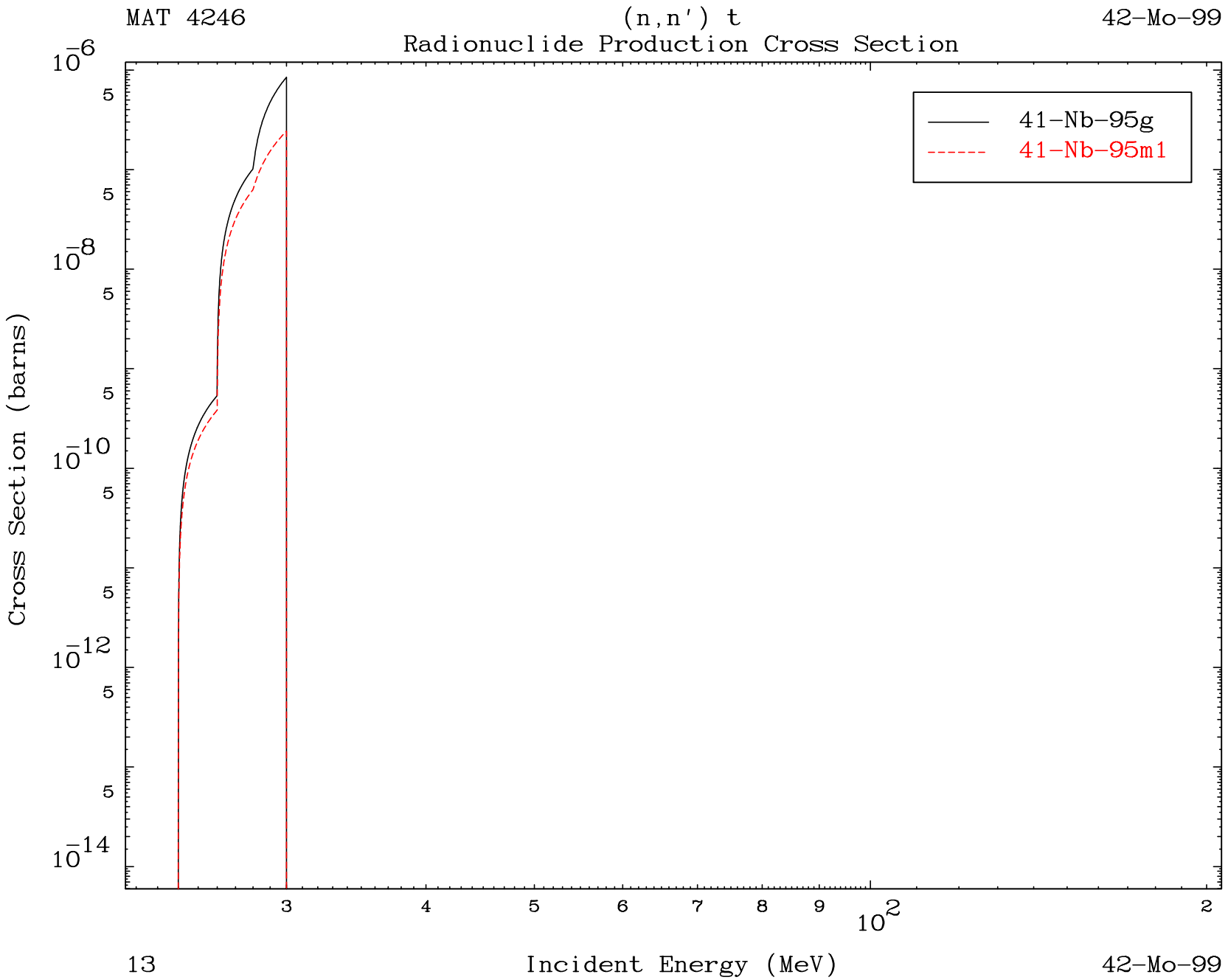

MAT 4246
(γ,d) Levels
42-Mo-99
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
8
Incident Energy (MeV)
42-Mo-99

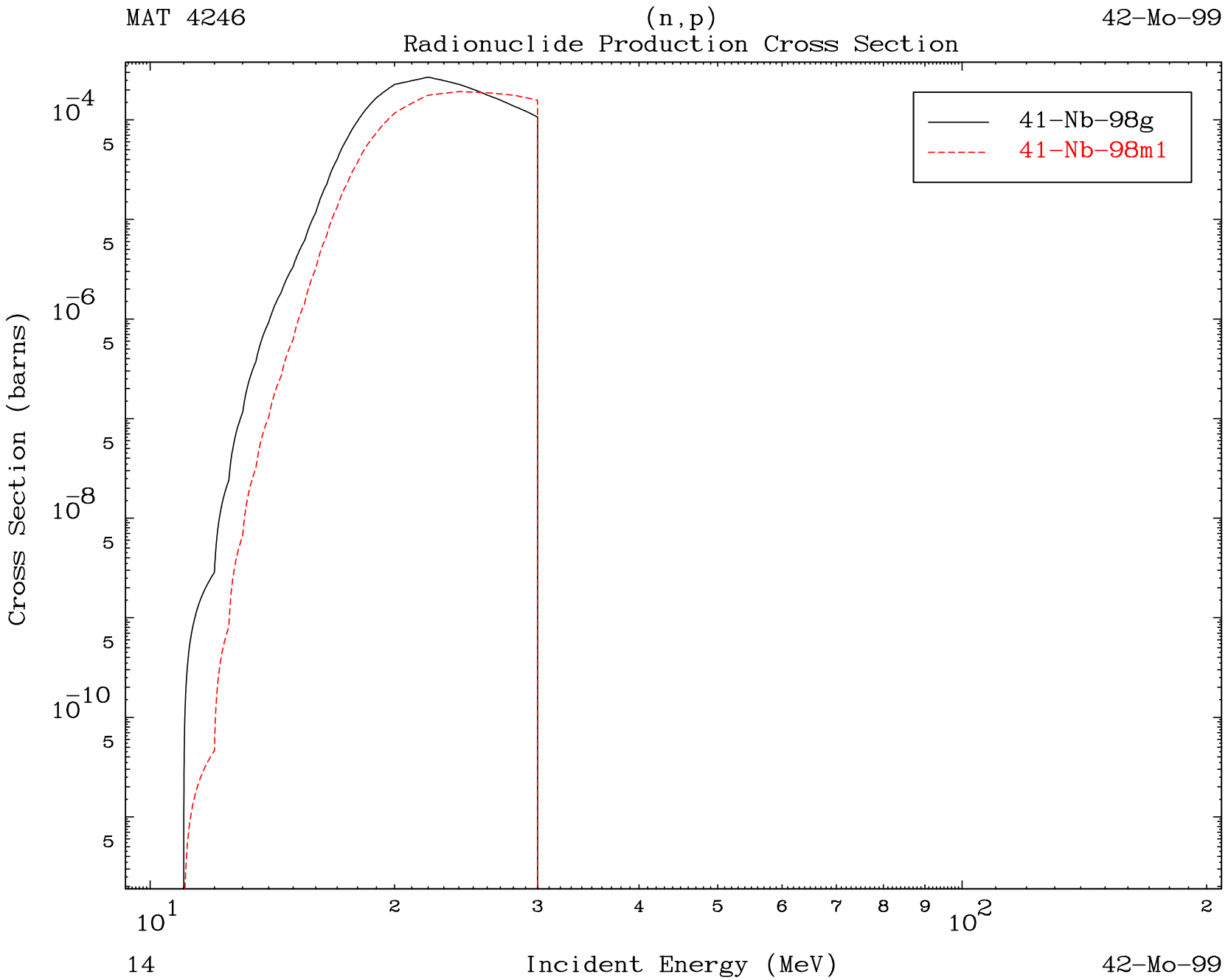

MAT 4246
(γ,t) Levels
42-Mo-99
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
9
Incident Energy (MeV)
42-Mo-99

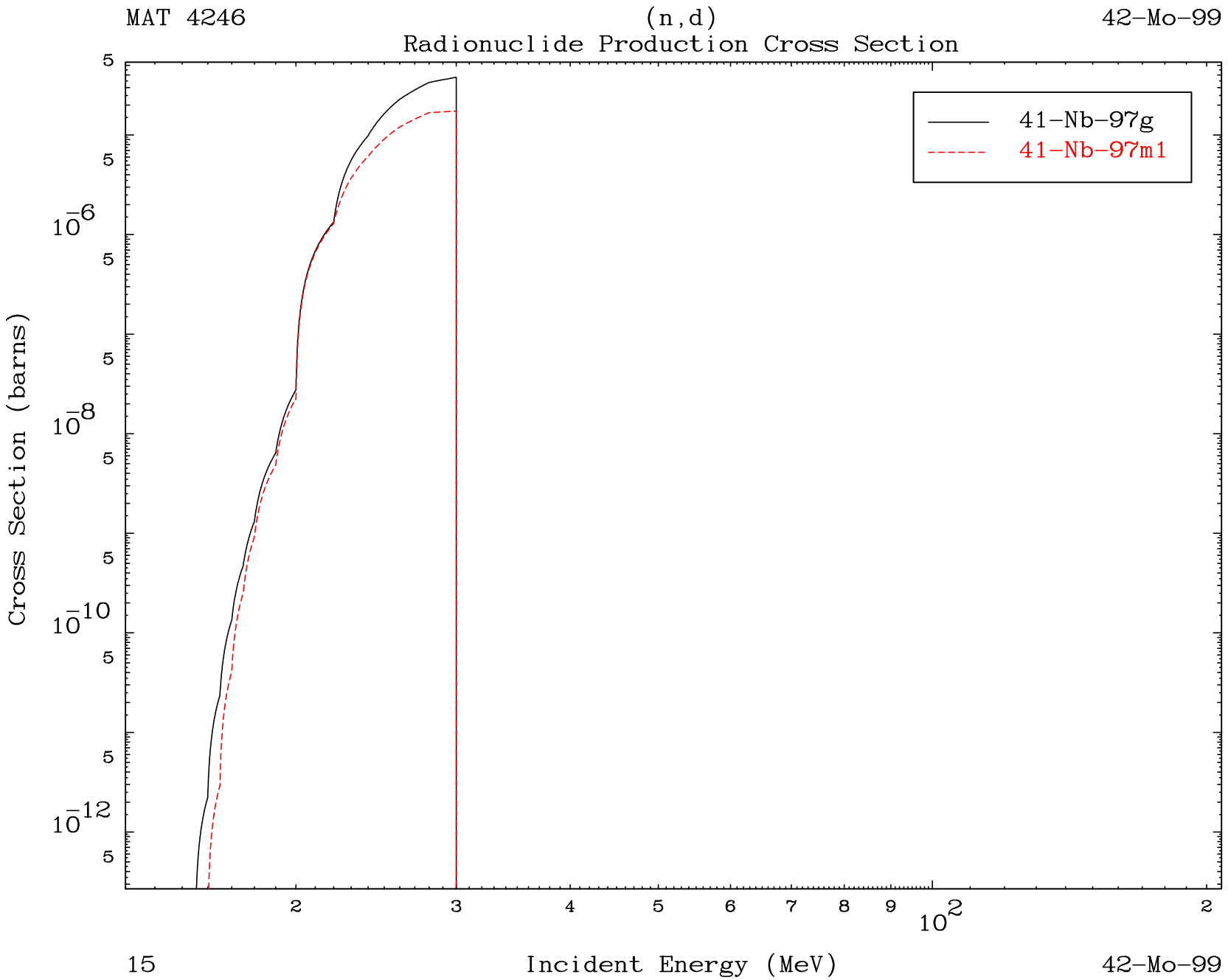

MAT 4246
(γ,He3) Levels
42-Mo-99
0 Kelvin Cross Sections
(n,He-3)
Cross Section (barns)
10^-10
10^-12
10^-14
10^-16
5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
42-Mo-99


MAT 4246
(γ,α) Levels
42-Mo-99
0 Kelvin Cross Sections
(n,α)
(n,2α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
3 4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
11
Incident Energy (MeV)
42-Mo-99


MAT 4246
(n,n') p
42-Mo-99
Radionuclide Production Cross Section
41-Nb-97g
41-Nb-97m1
Cross Section (barns)
Incident Energy (MeV)
12
42-Mo-99


MAT 4246
(n,n') t
42-Mo-99
Radionuclide Production Cross Section
41-Nb-95g
41-Nb-95m1
Cross Section (barns)
Incident Energy (MeV)
13
42-Mo-99


MAT 4246
(n,p)
42-Mo-99
Radionuclide Production Cross Section
41-Nb-98g
41-Nb-98m1
Cross Section (barns)
Incident Energy (MeV)
14
42-Mo-99


MAT 4246
(n,d)
42-Mo-99
Radionuclide Production Cross Section
41-Nb-97g
41-Nb-97m1
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
15
42-Mo-99