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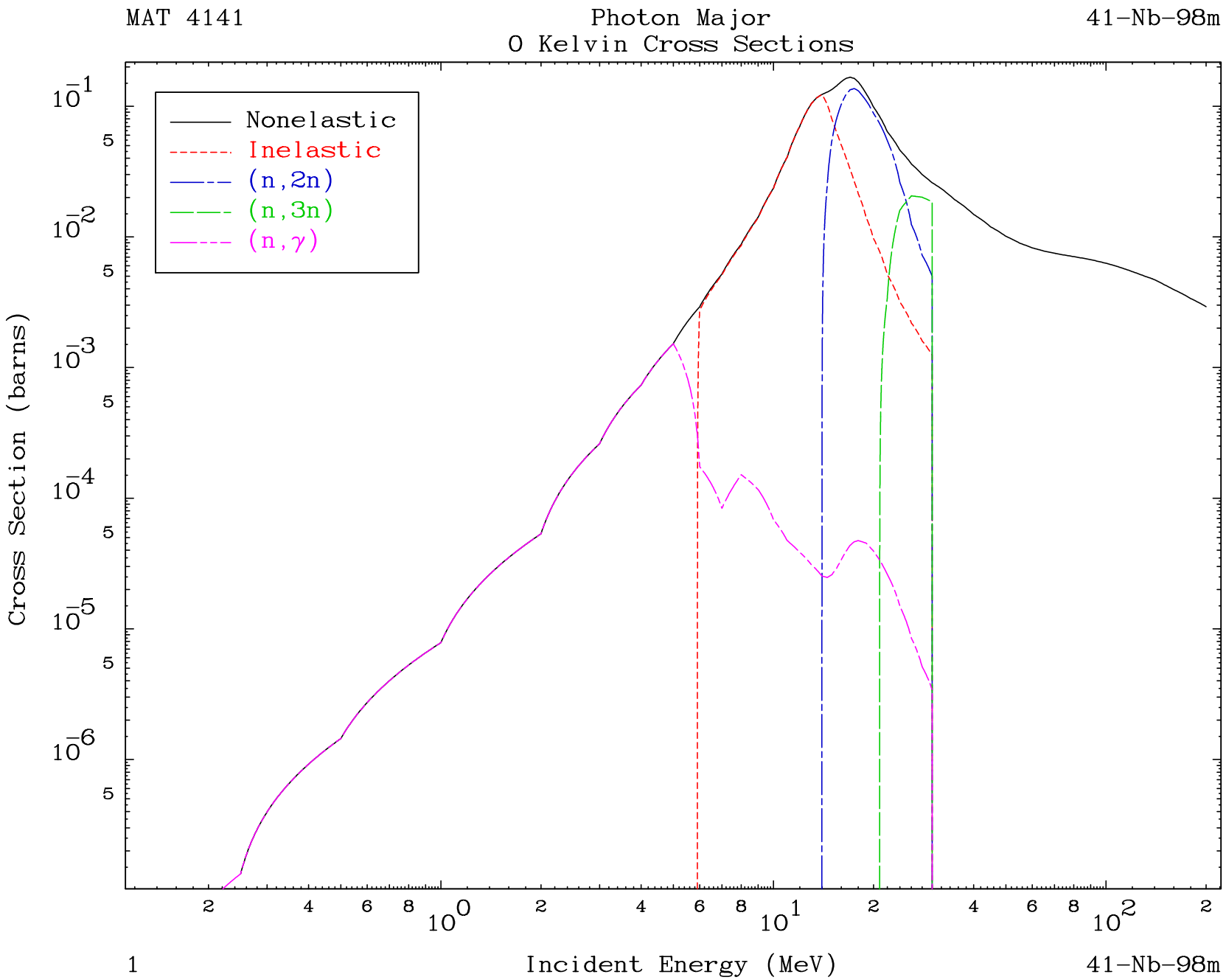
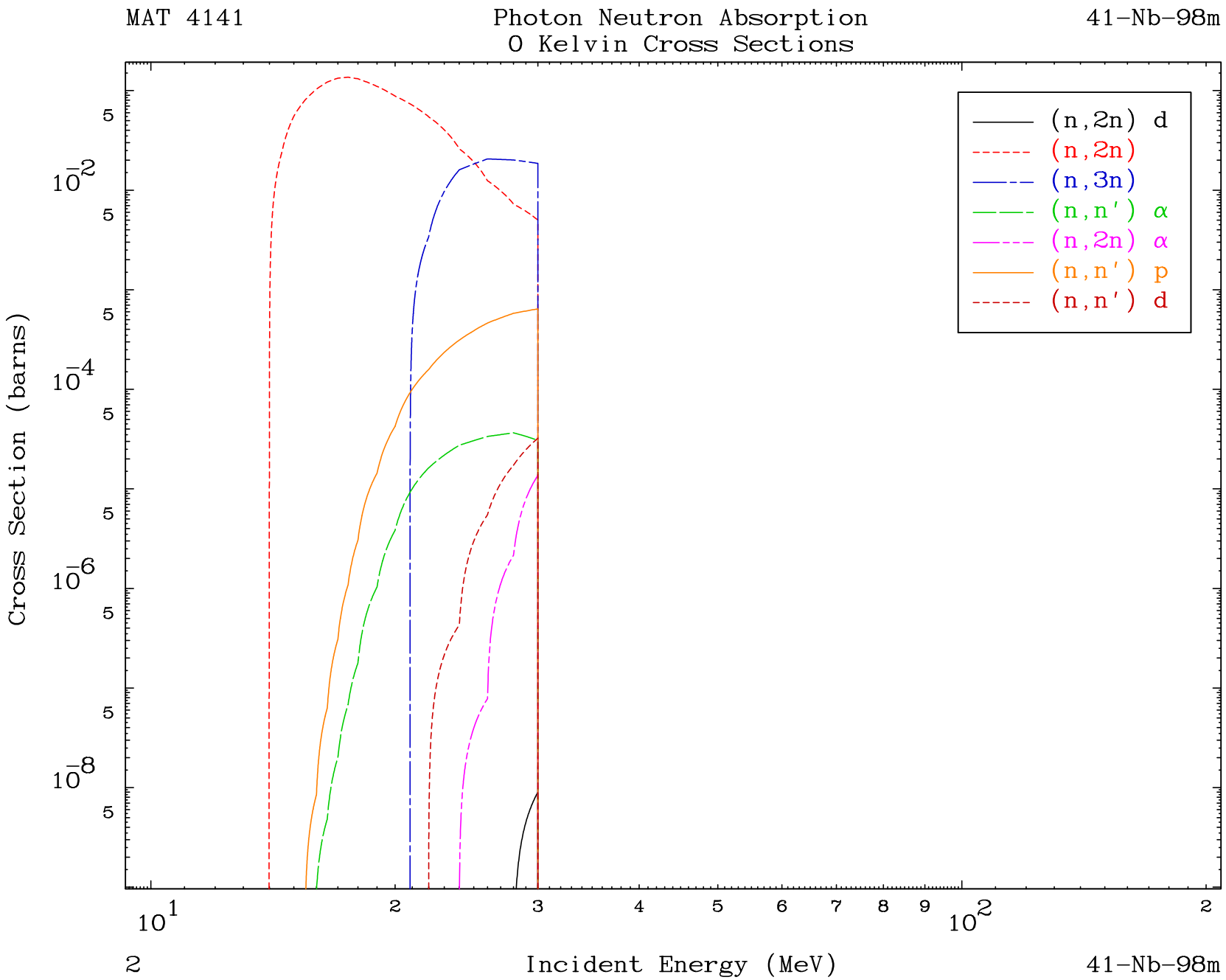
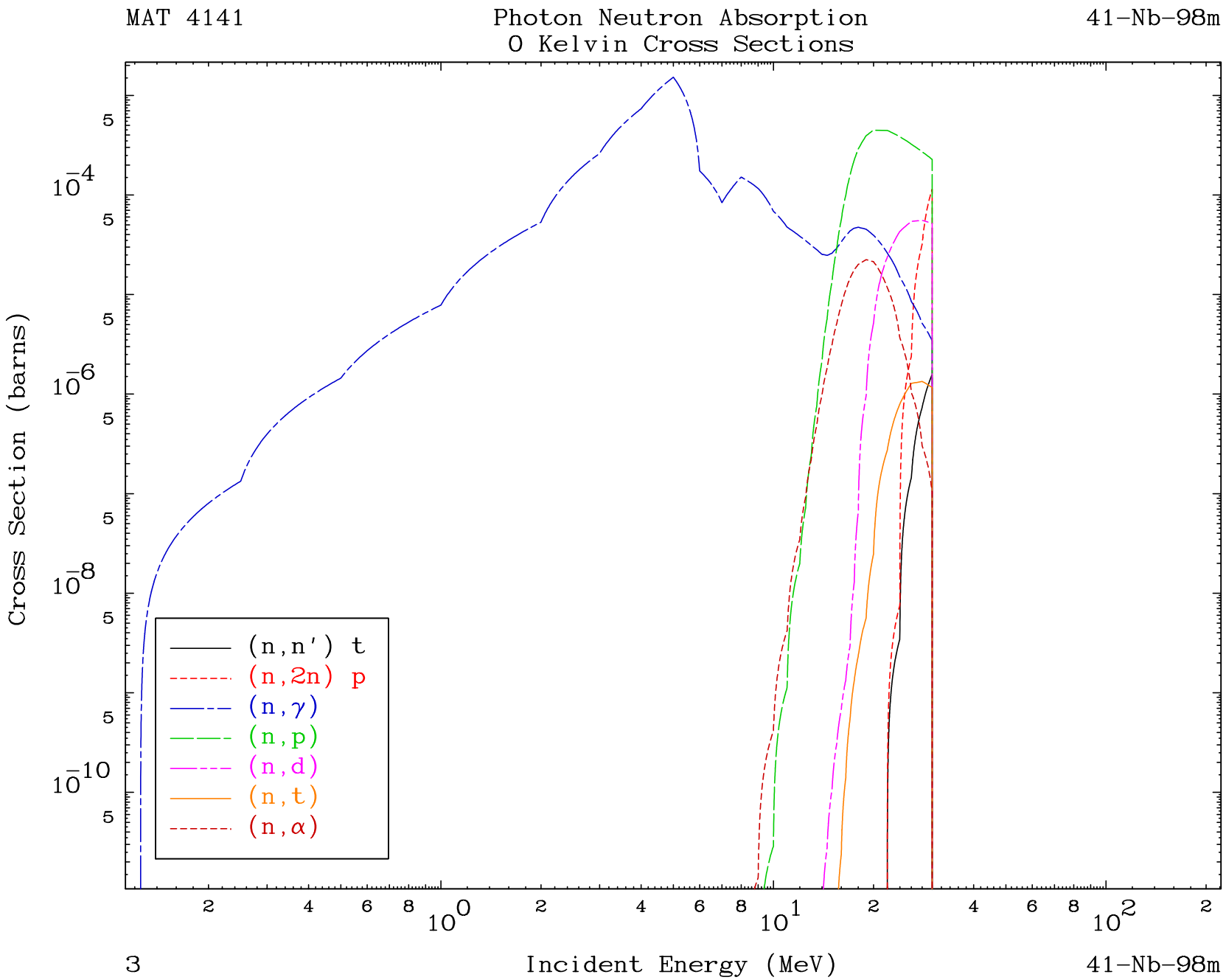
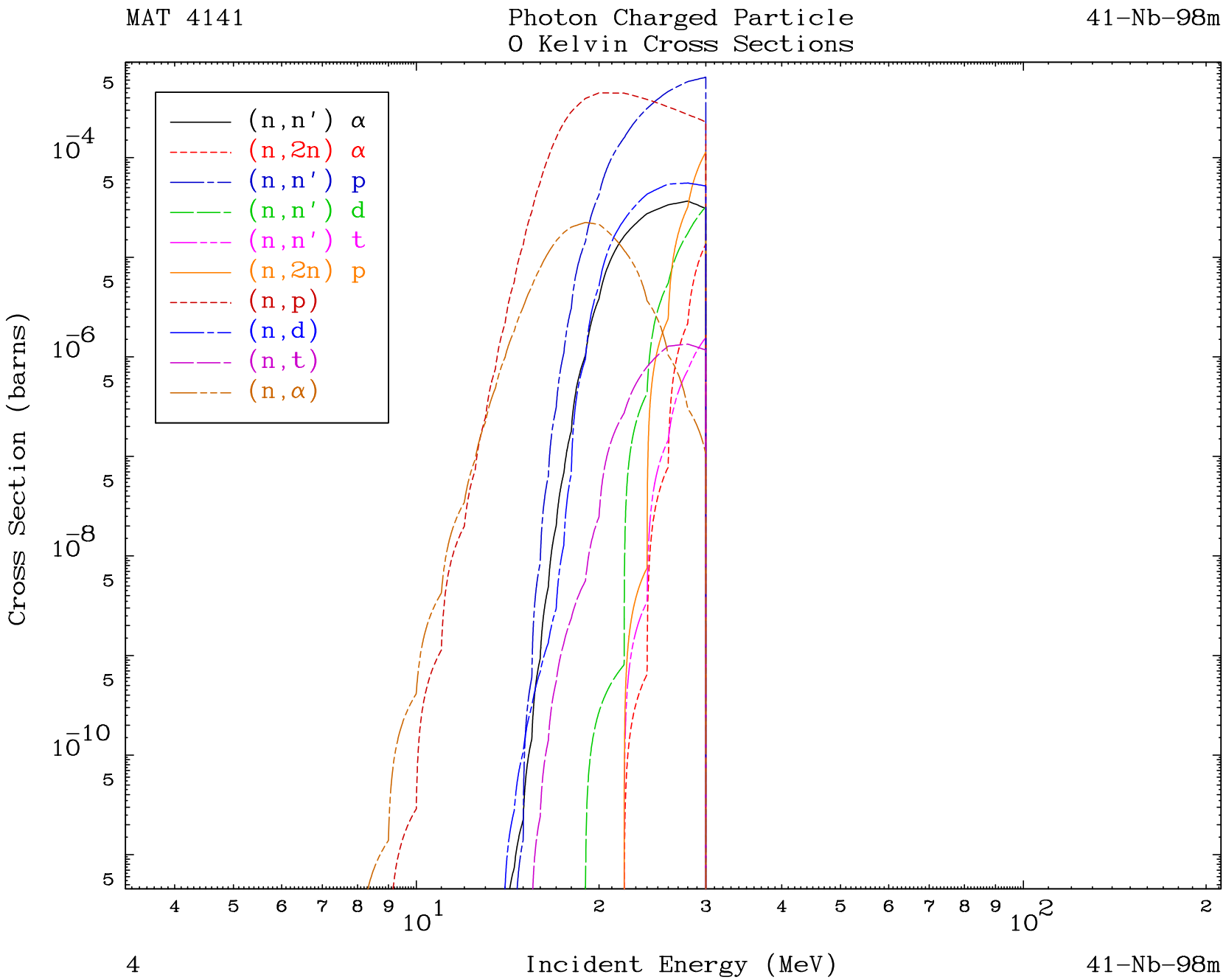
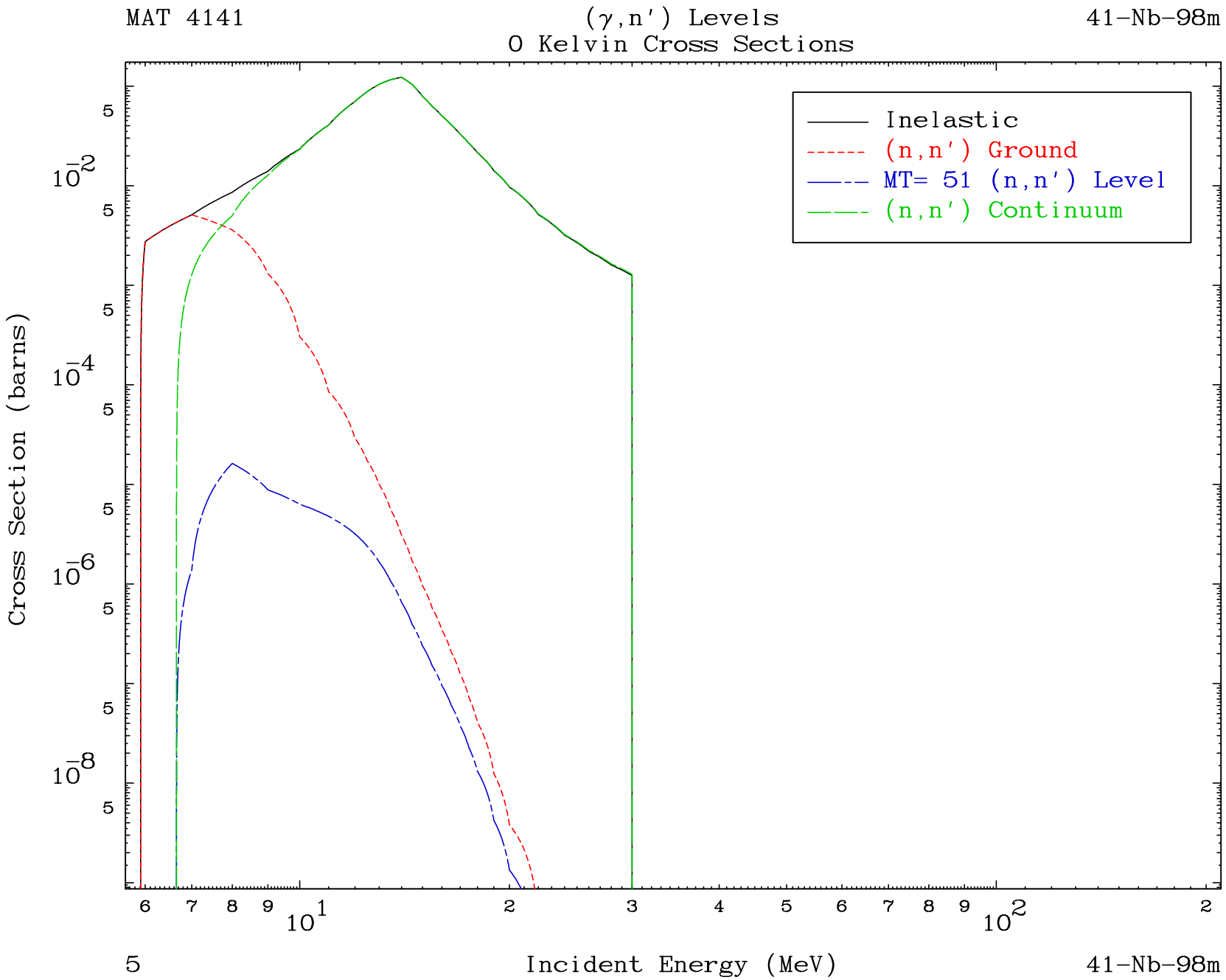
Press Mouse Button to Start

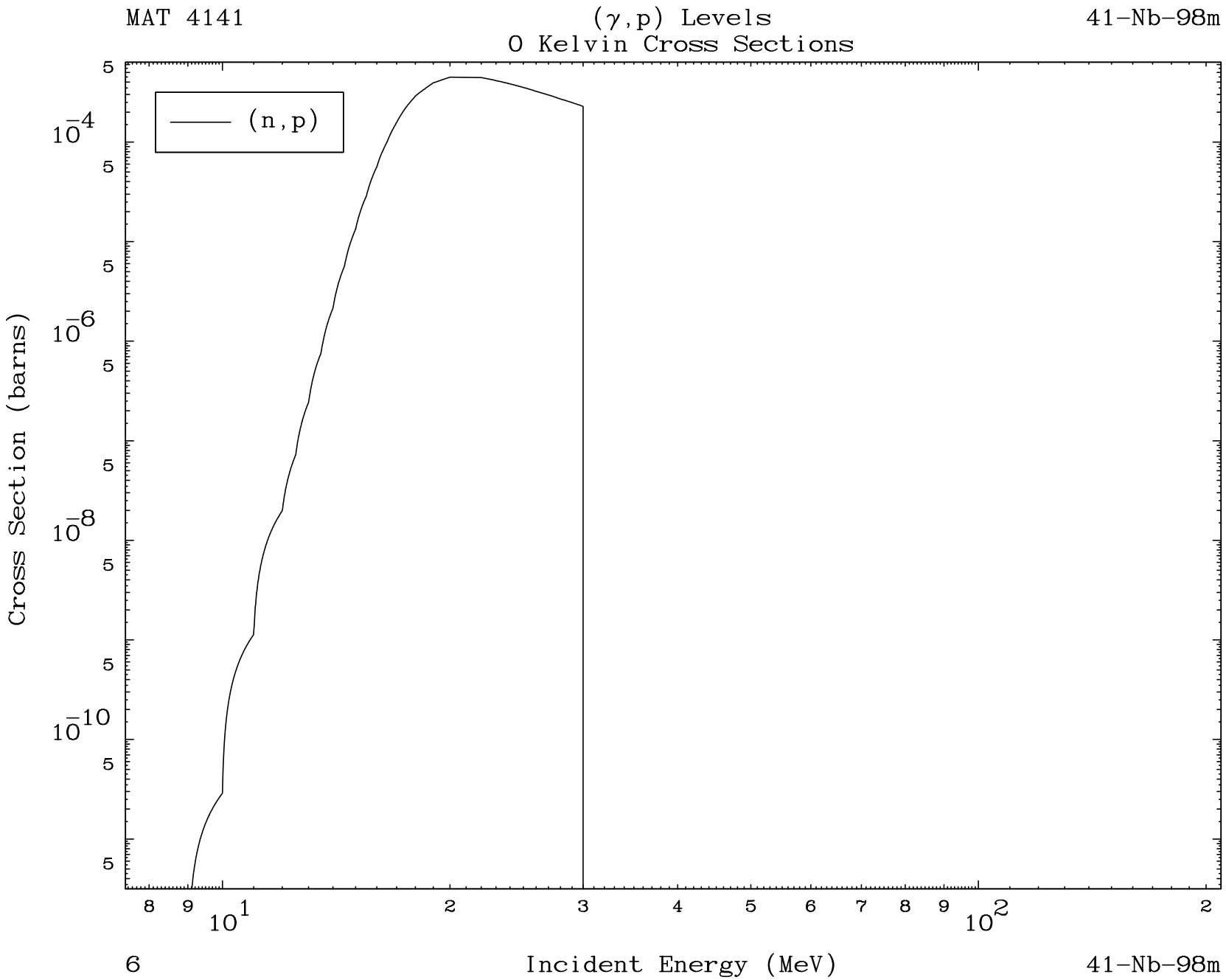

MAT 4141
Photon Major
41-Nb-98m
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
1
41-Nb-98m

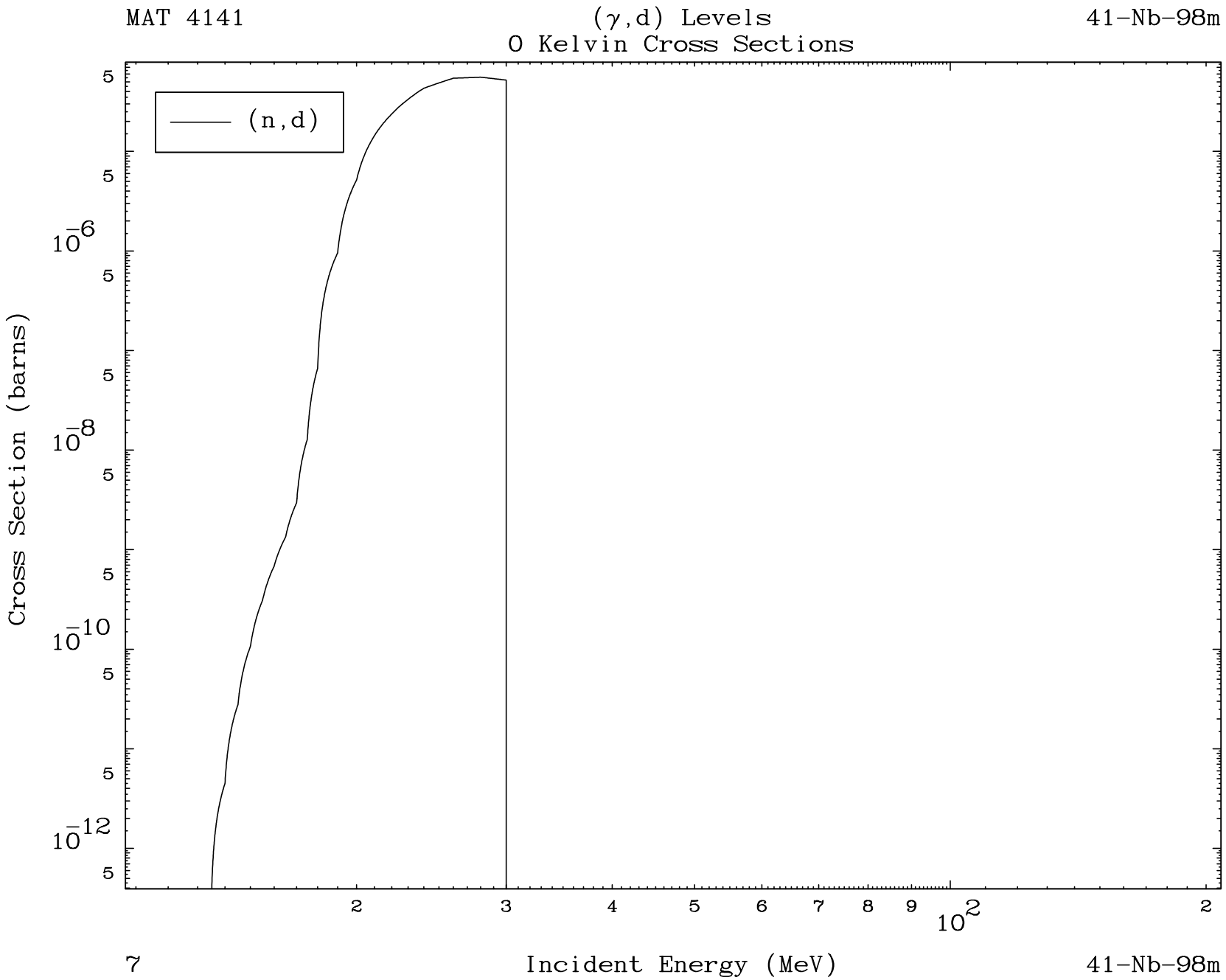

MAT 4141
Photon Neutron Absorption
0 Kelvin Cross Sections
41-Nb-98m
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
Cross Section (barns)
Incident Energy (MeV)
41-Nb-98m

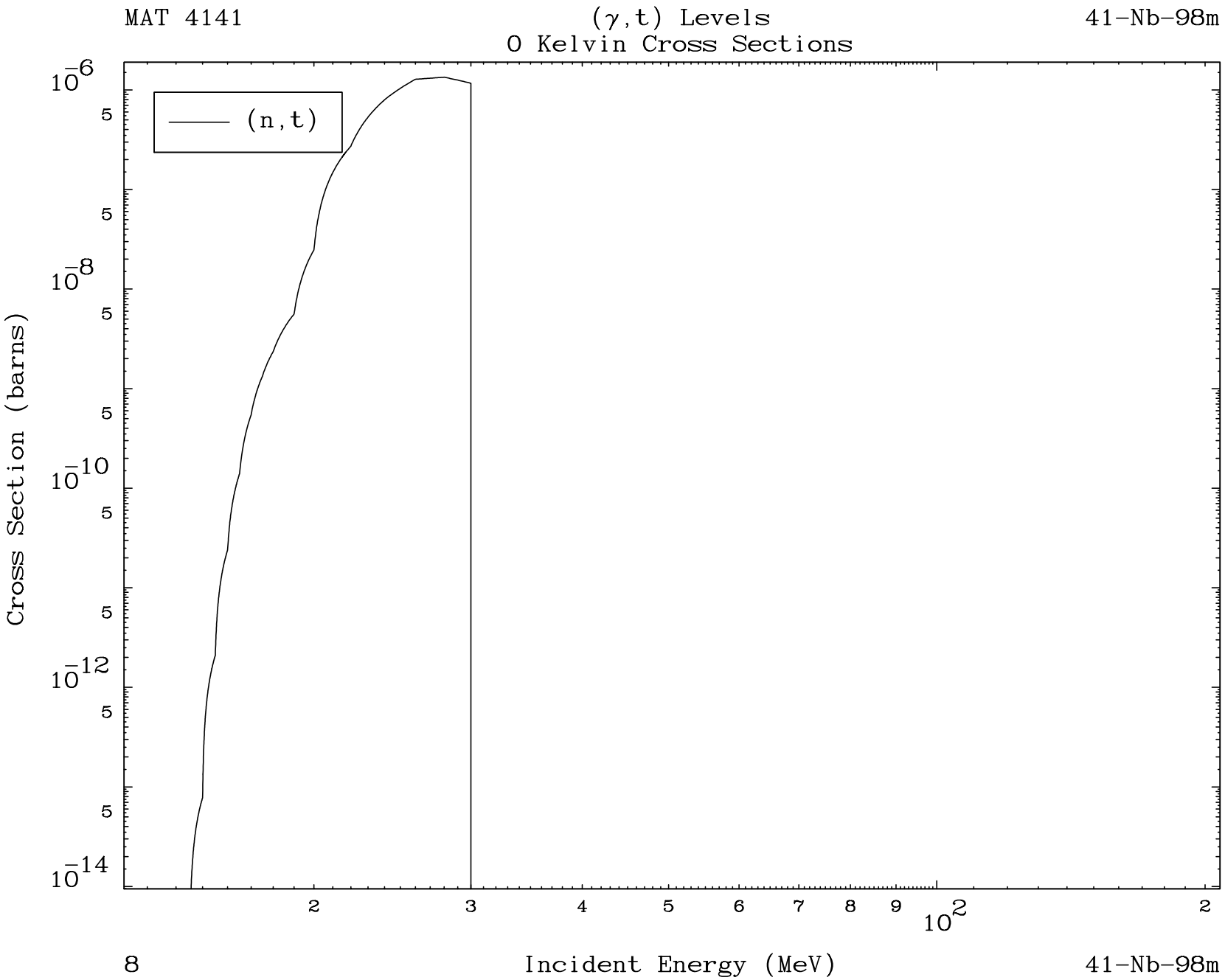

MAT 4141
Photon Neutron Absorption
0 Kelvin Cross Sections
41-Nb-98m
Cross Section (barns)
Incident Energy (MeV)
(n,n') t
(n,2n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
3
41-Nb-98m

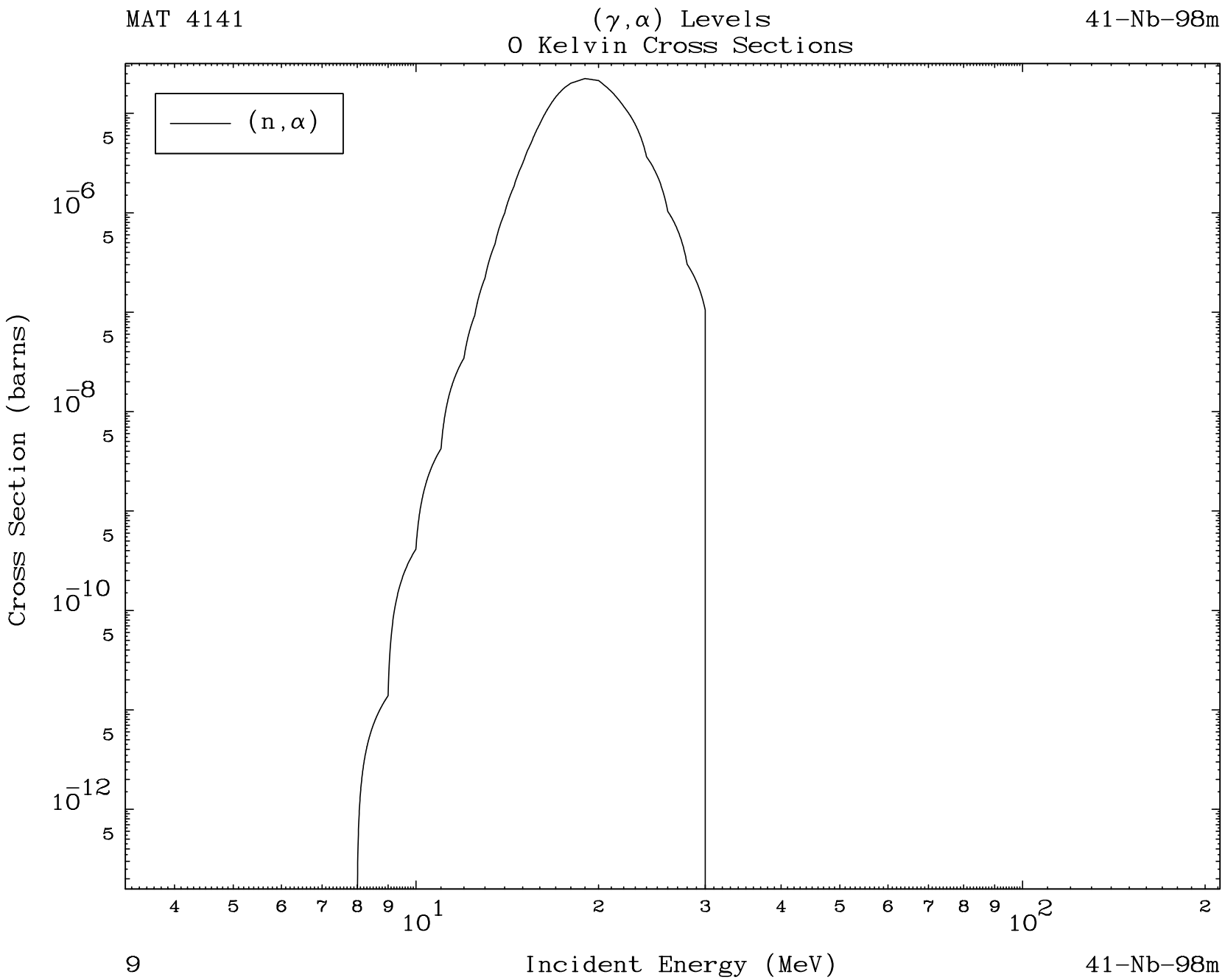

MAT 4141
Photon Charged Particle
0 Kelvin Cross Sections
41-Nb-98m
(n,n') α
(n,2n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
41-Nb-98m
4

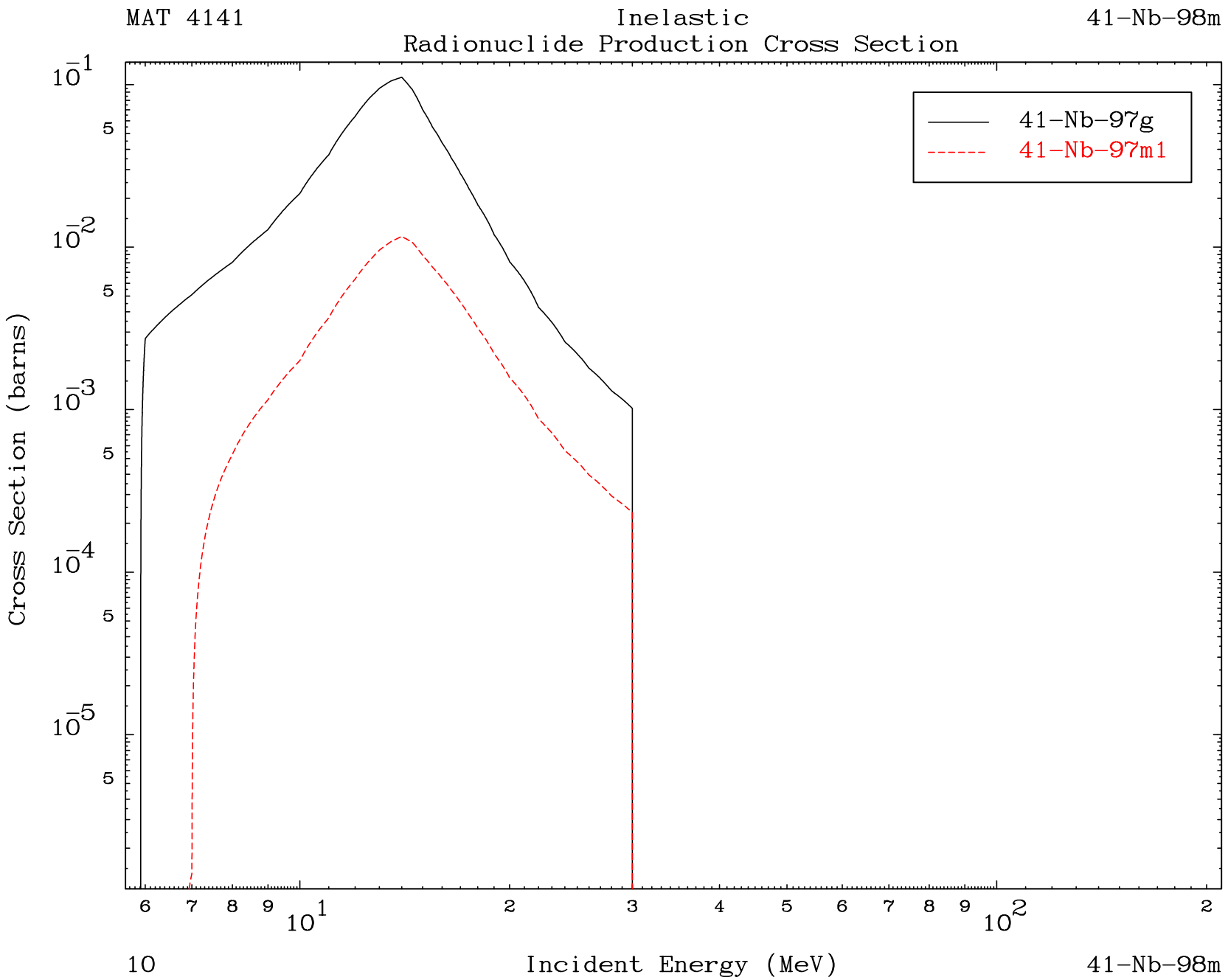

MAT 4141
(γ,n') Levels
41-Nb-98m
0 Kelvin Cross Sections
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
41-Nb-98m

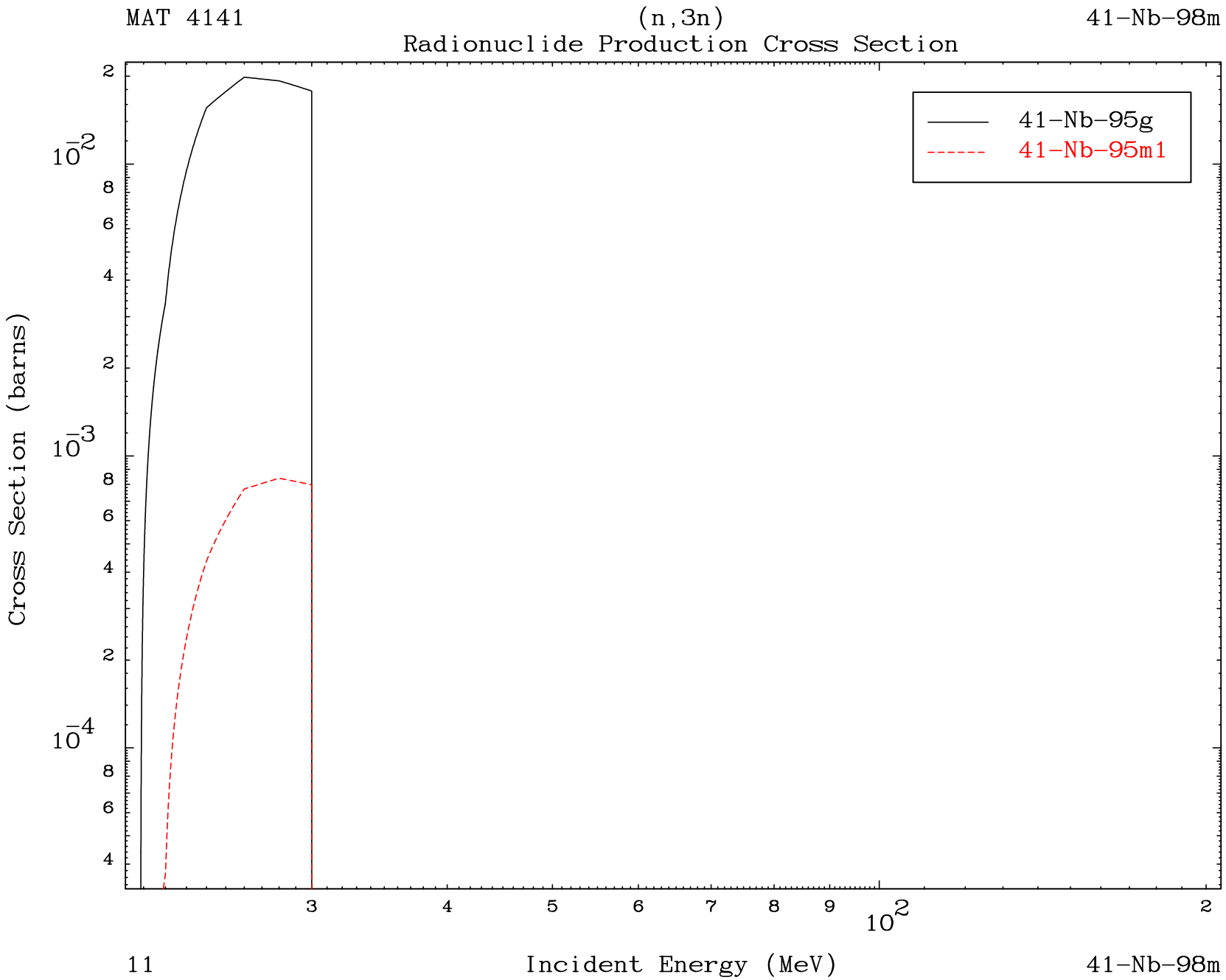

MAT 4141
(γ,p) Levels
41-Nb-98m
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
Incident Energy (MeV)
41-Nb-98m
6

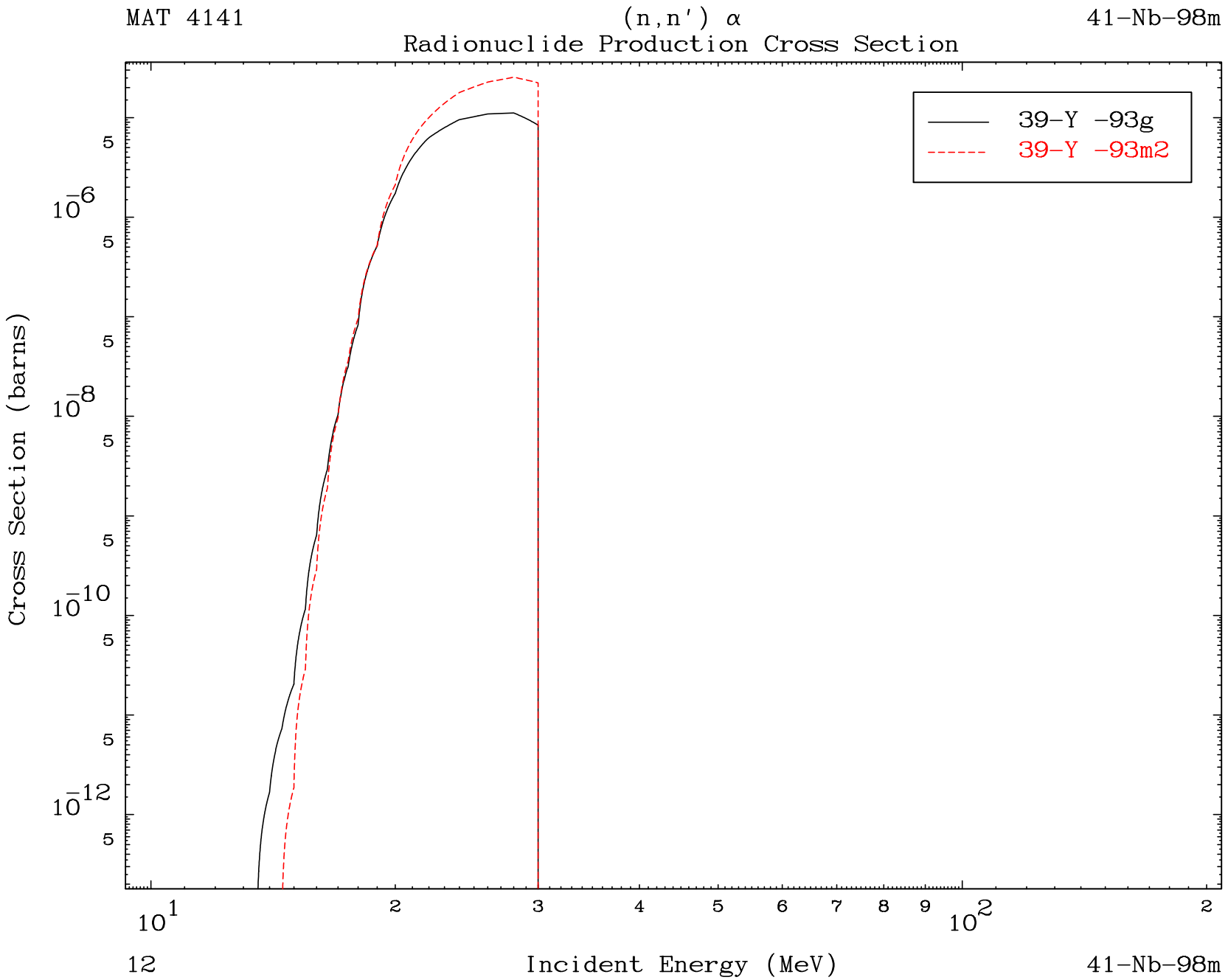

MAT 4141
(γ,d) Levels
41-Nb-98m
0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
7
41-Nb-98m

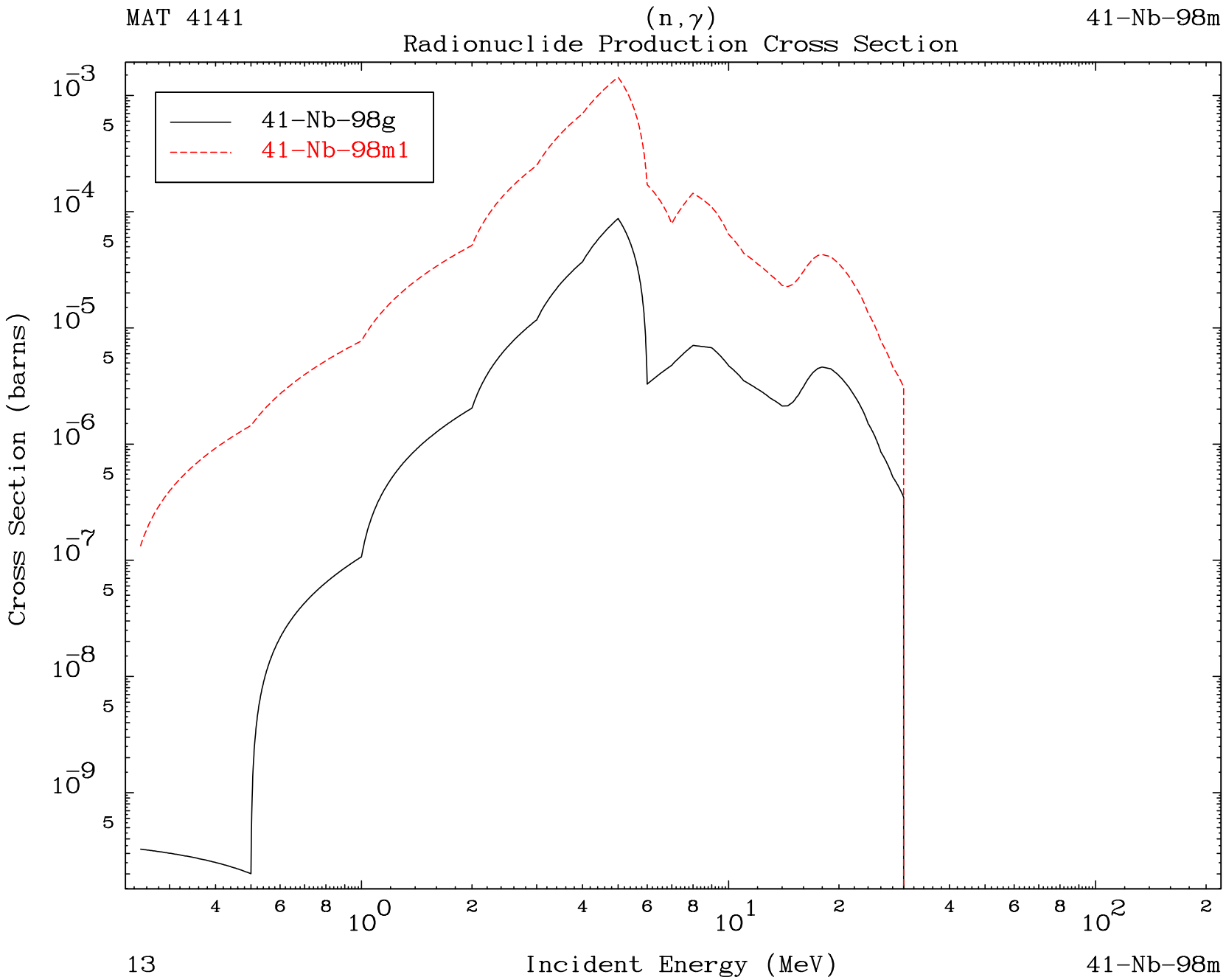

MAT 4141
(γ,t) Levels
41-Nb-98m
0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^-14
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)
41-Nb-98m


MAT 4141
(γ,α) Levels
41-Nb-98m
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
4 5 6 7 8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
9
41-Nb-98m


MAT 4141
Inelastic
41-Nb-98m
Radionuclide Production Cross Section
41-Nb-97g
41-Nb-97m1
Cross Section (barns)
Incident Energy (MeV)
41-Nb-98m


MAT 4141
(n,3n)
41-Nb-98m
Radionuclide Production Cross Section
41-Nb-95g
41-Nb-95m1
Cross Section (barns)
Incident Energy (MeV)
11
41-Nb-98m


MAT 4141
(n,n') α
41-Nb-98m
Radionuclide Production Cross Section
39-Y -93g
39-Y -93m2
Cross Section (barns)
10-6
10-8
10-10
10-12
5
101
2
3
4
5
6
7
8
9
102
2
Incident Energy (MeV)
12
41-Nb-98m


MAT 4141
(n,γ)
41-Nb-98m
Radionuclide Production Cross Section
41-Nb-98g
41-Nb-98m1
Cross Section (barns)
Incident Energy (MeV)
13
41-Nb-98m