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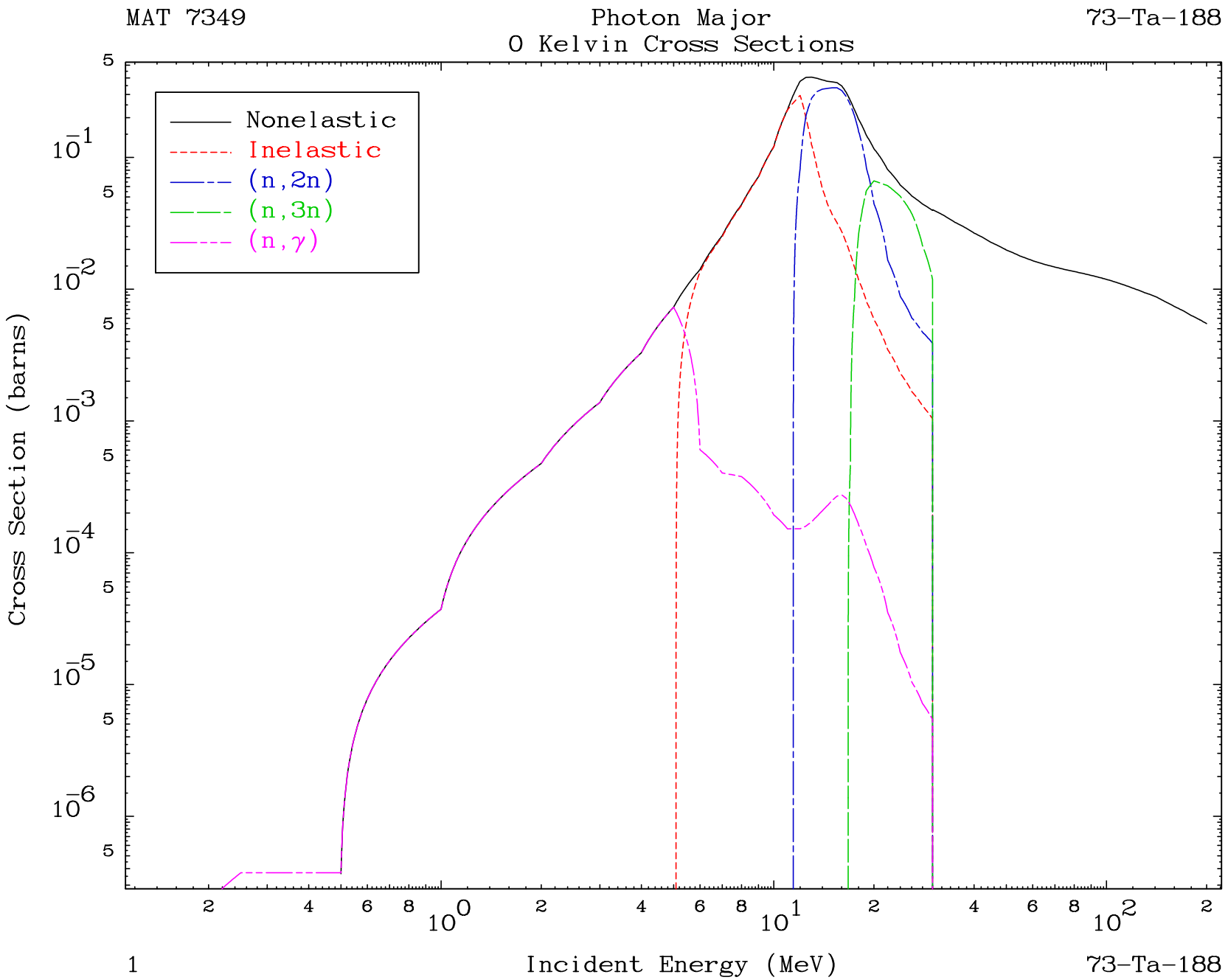
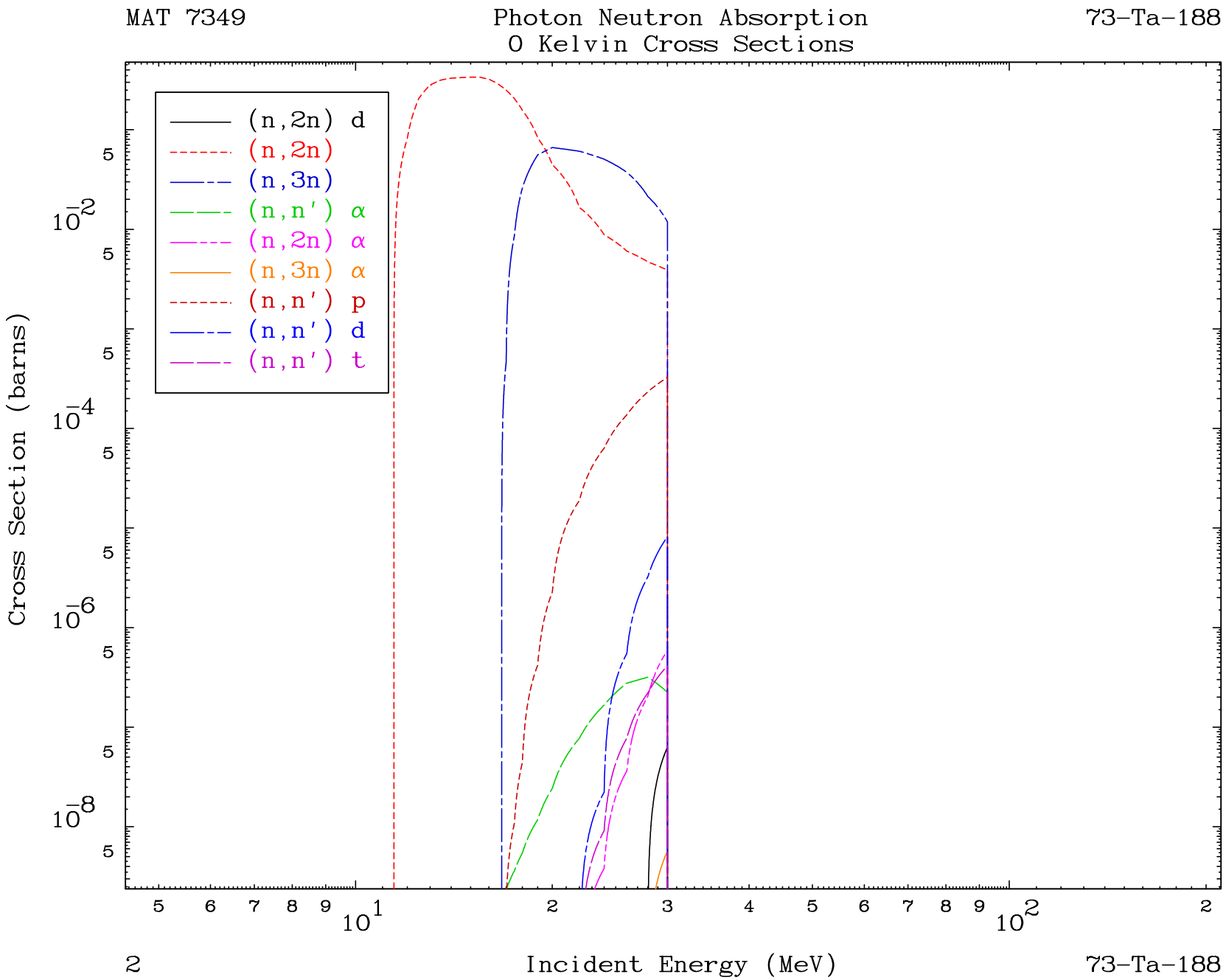
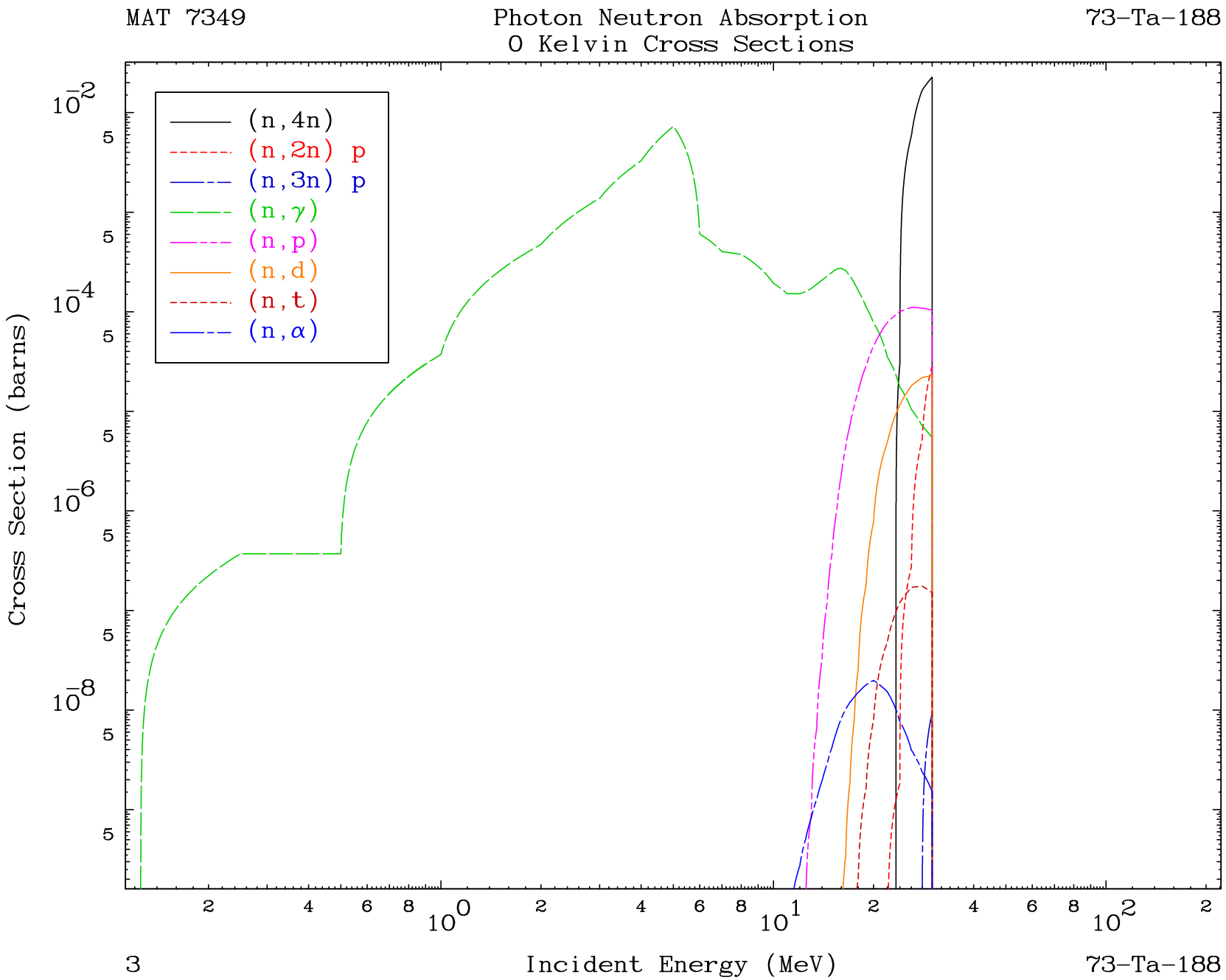
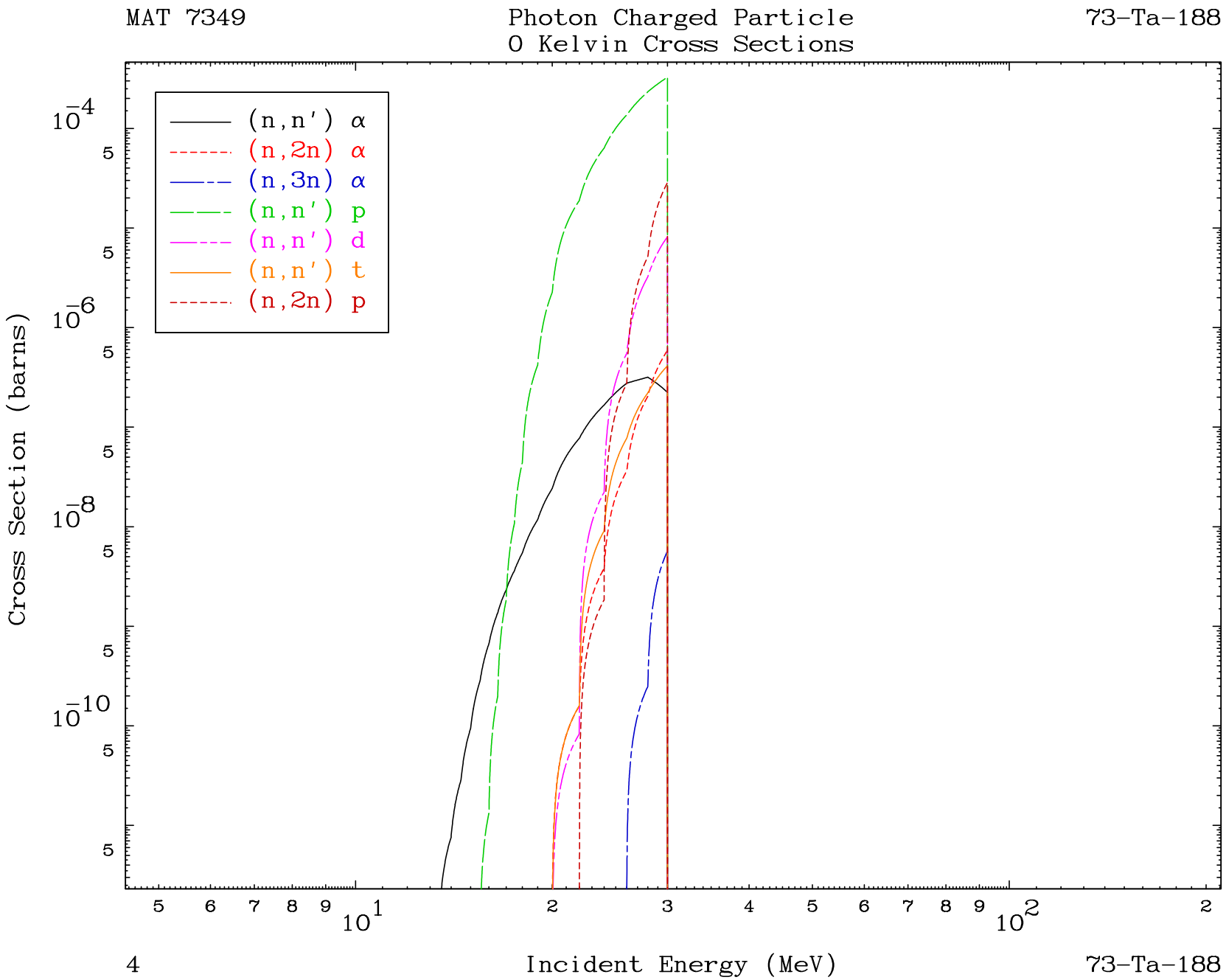
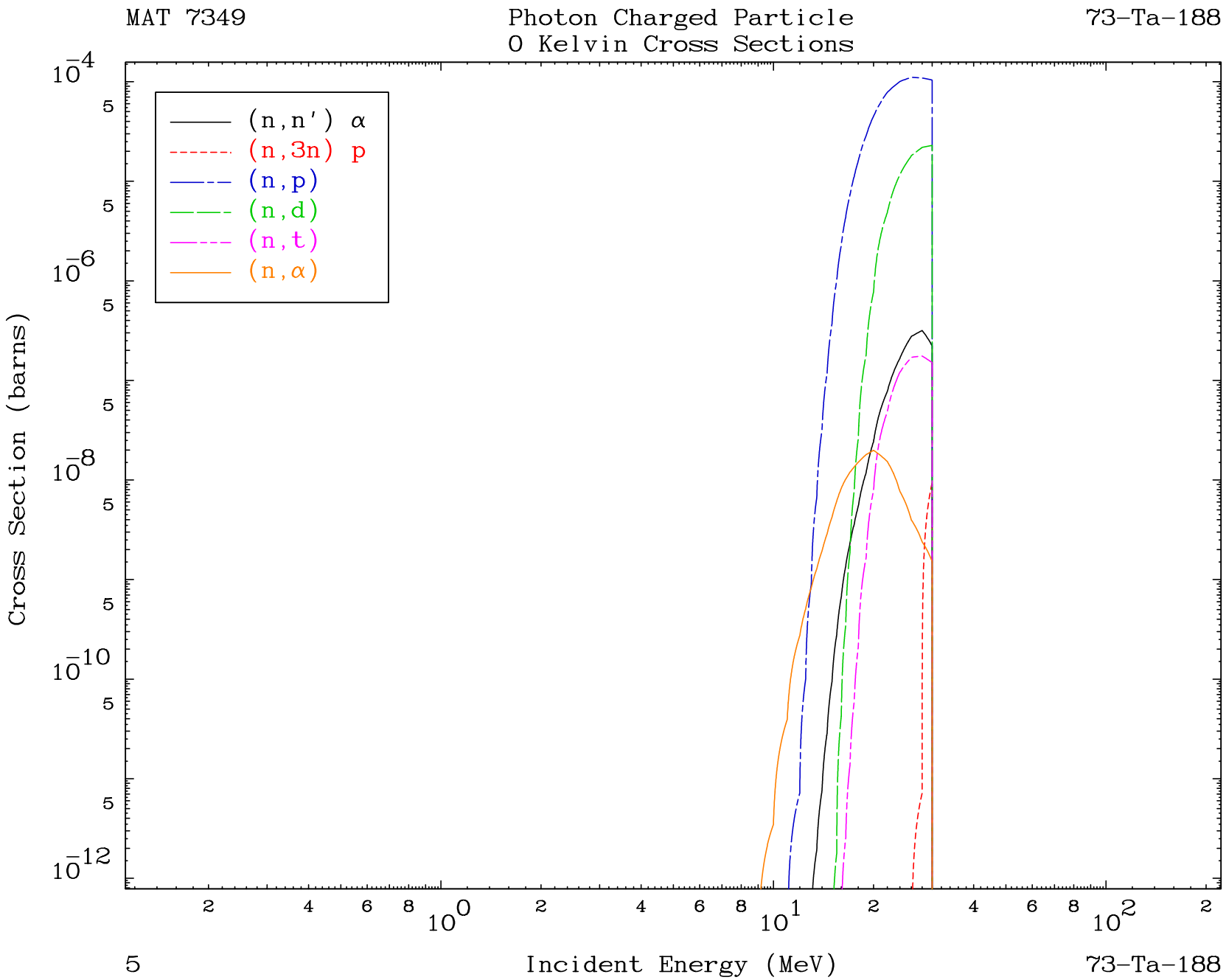
Press Mouse Button to Start

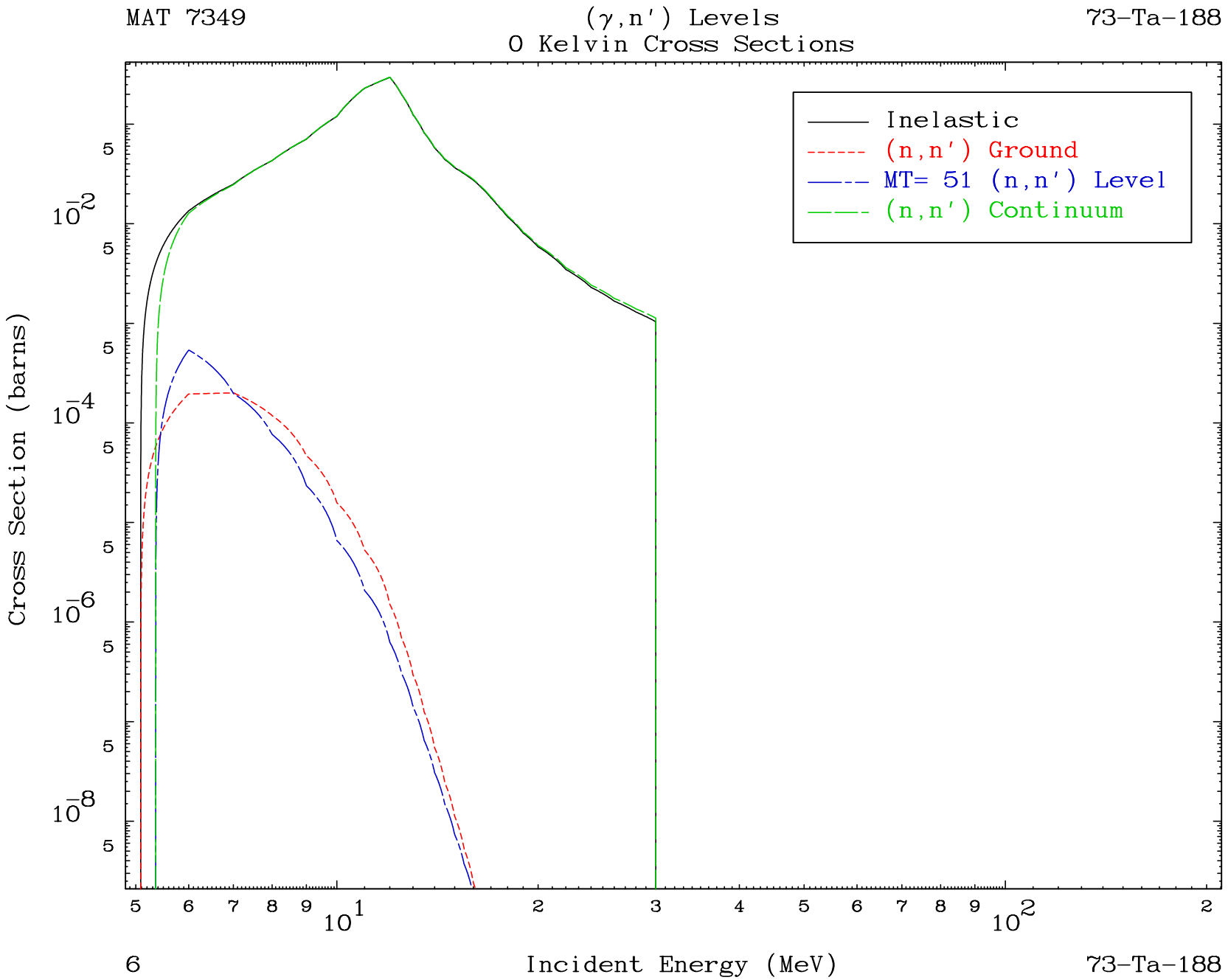

MAT 7349
Photon Major
73-Ta-188
0 Kelvin Cross Sections
Nonelastic
Inelastic
(n,2n)
(n,3n)
(n,γ)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188
1

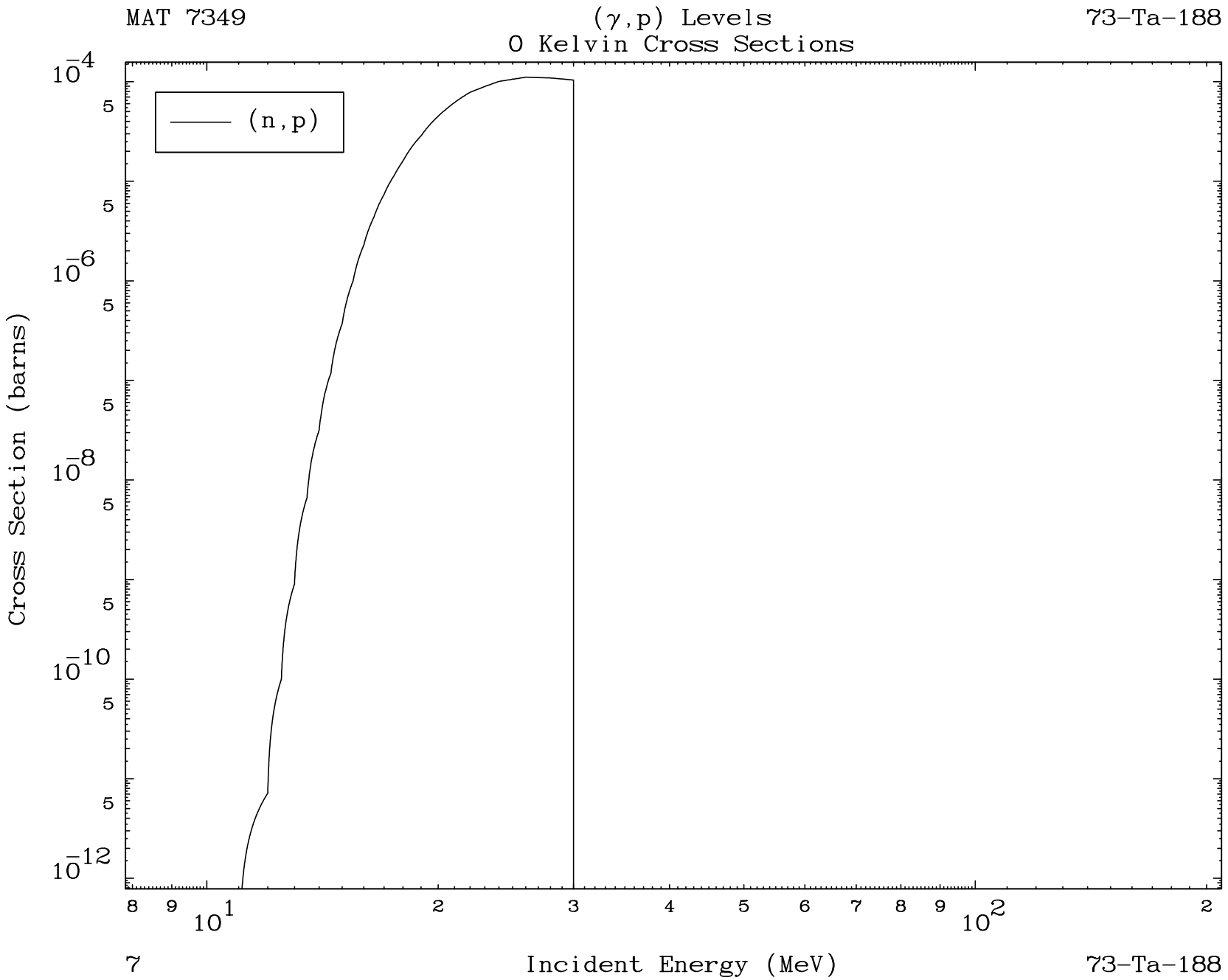

MAT 7349
Photon Neutron Absorption
0 Kelvin Cross Sections
73-Ta-188
(n,2n) d
(n,2n)
(n,3n)
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188

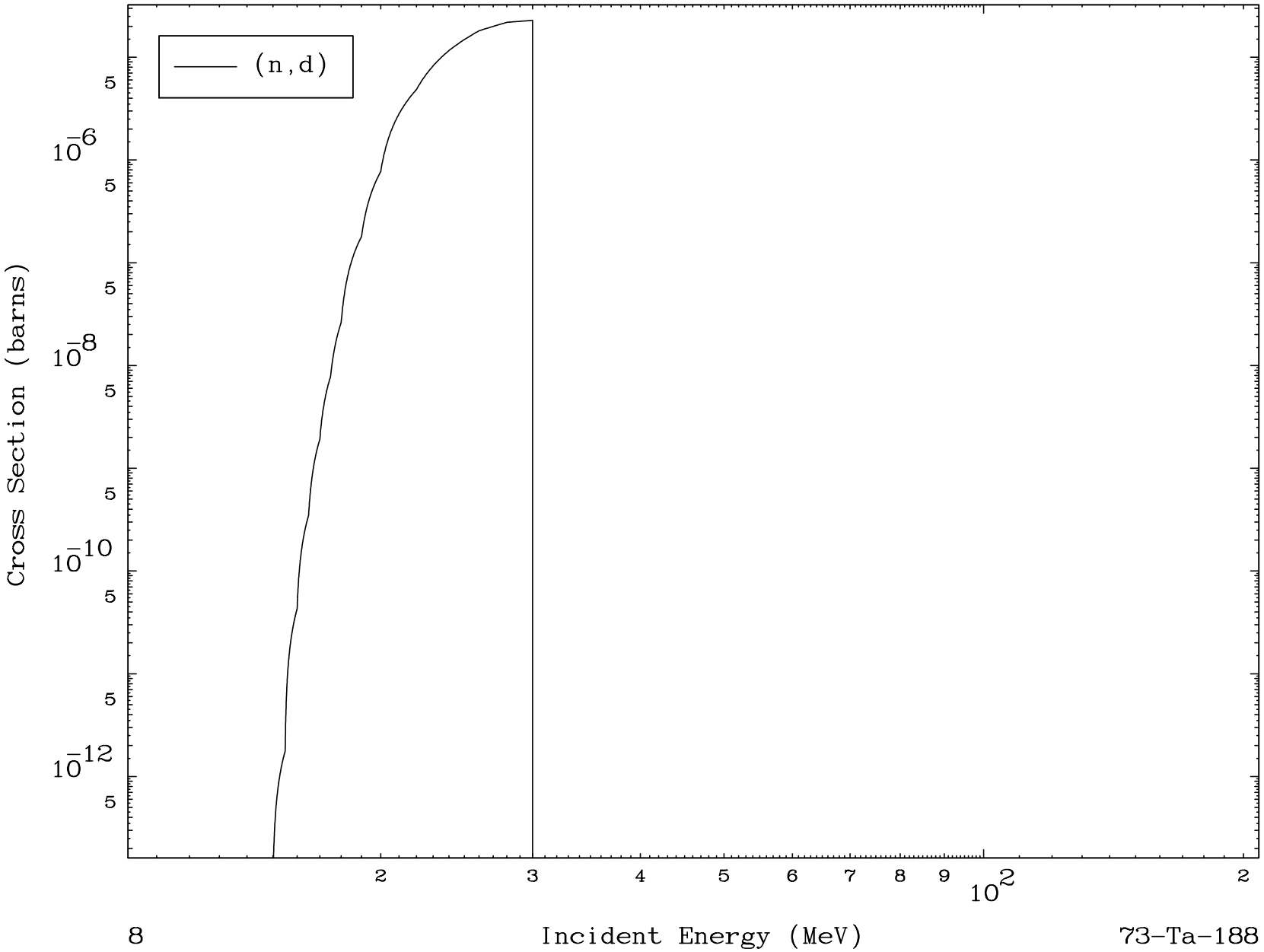

MAT 7349
Photon Neutron Absorption
0 Kelvin Cross Sections
73-Ta-188
(n,4n)
(n,2n) p
(n,3n) p
(n,γ)
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-188

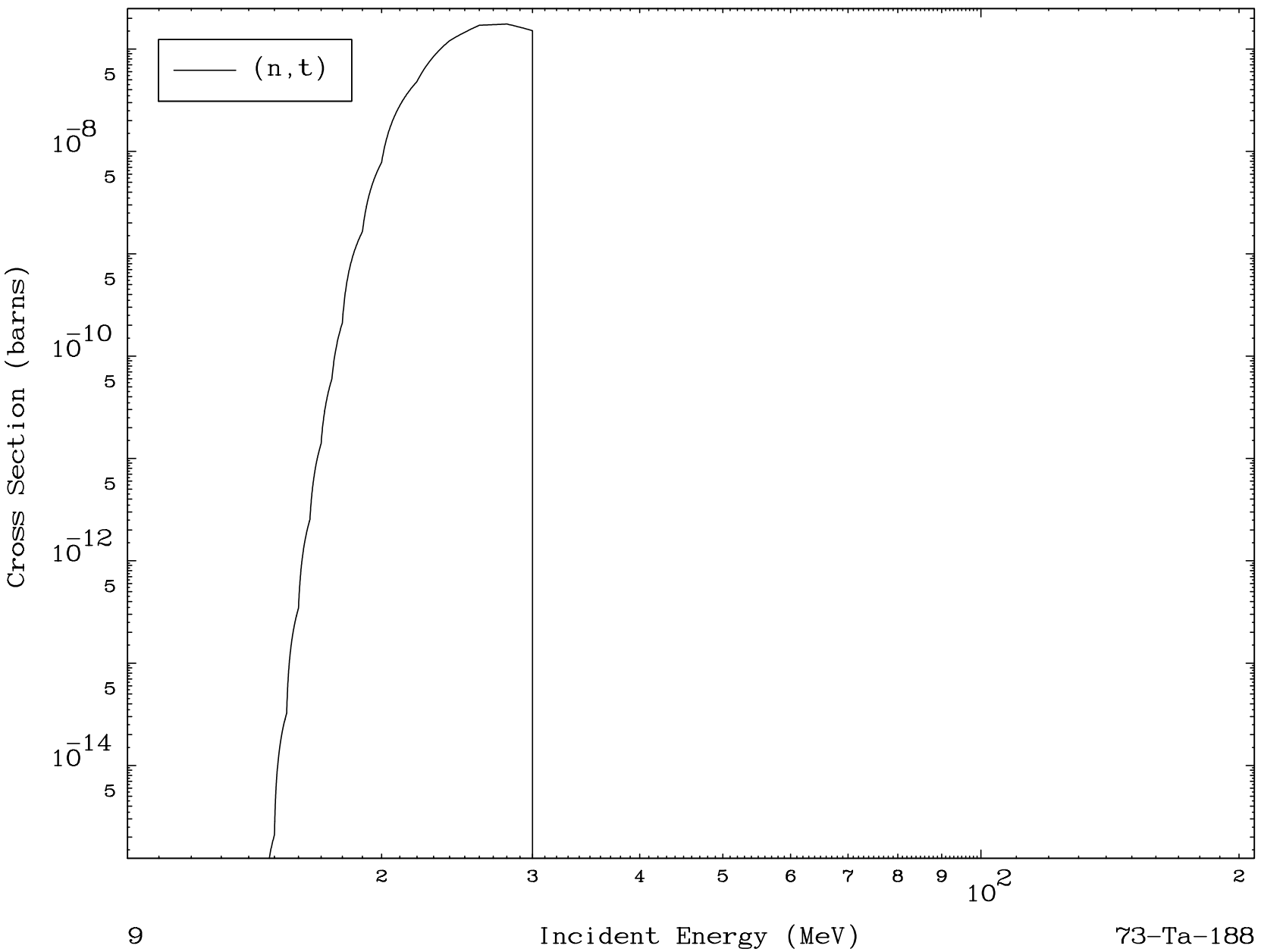

MAT 7349
Photon Charged Particle
0 Kelvin Cross Sections
73-Ta-188
(n,n') α
(n,2n) α
(n,3n) α
(n,n') p
(n,n') d
(n,n') t
(n,2n) p
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-188

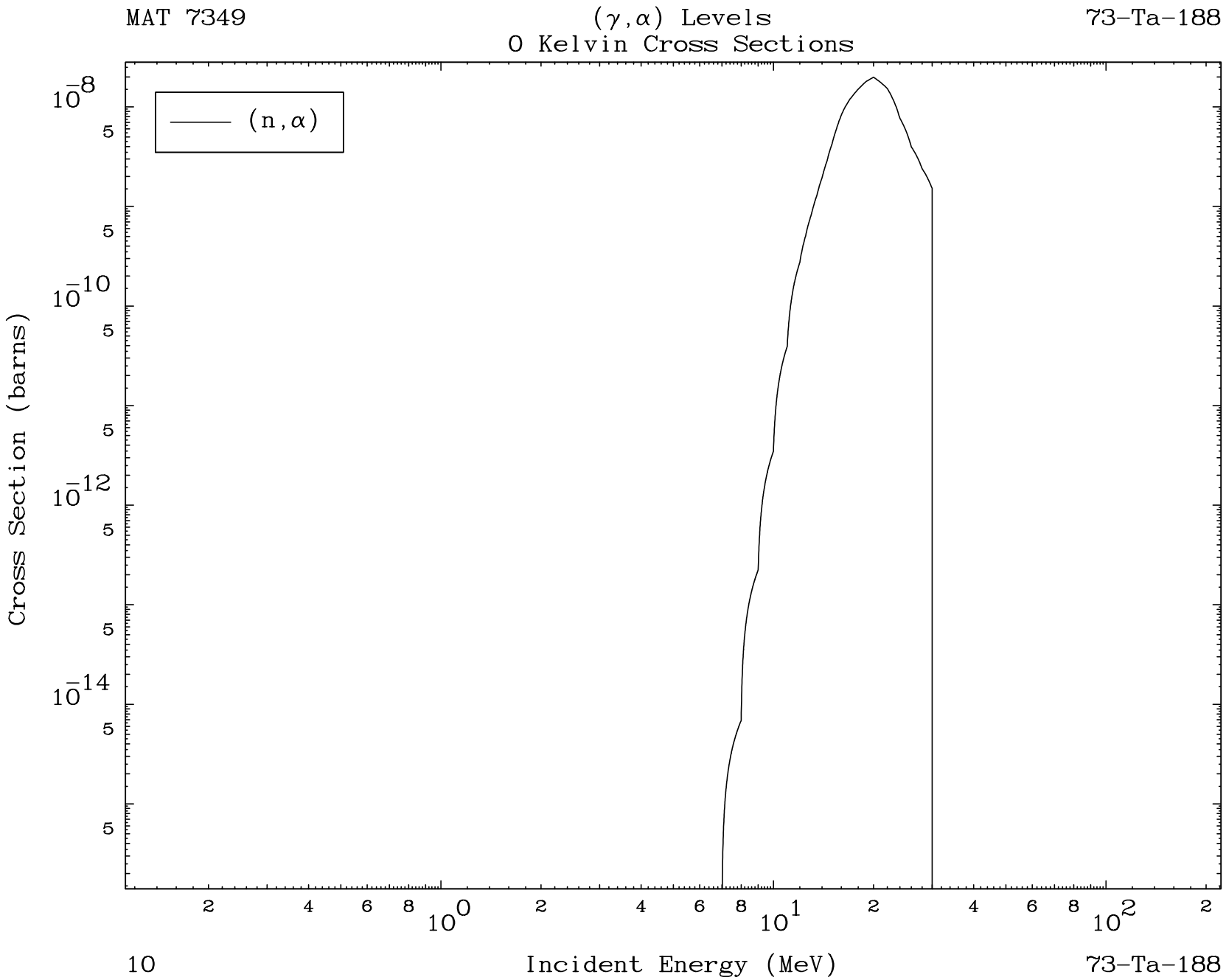

MAT 7349
Photon Charged Particle
0 Kelvin Cross Sections
73-Ta-188
(n,n') α
(n,3n) p
(n,p)
(n,d)
(n,t)
(n,α)
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188
5

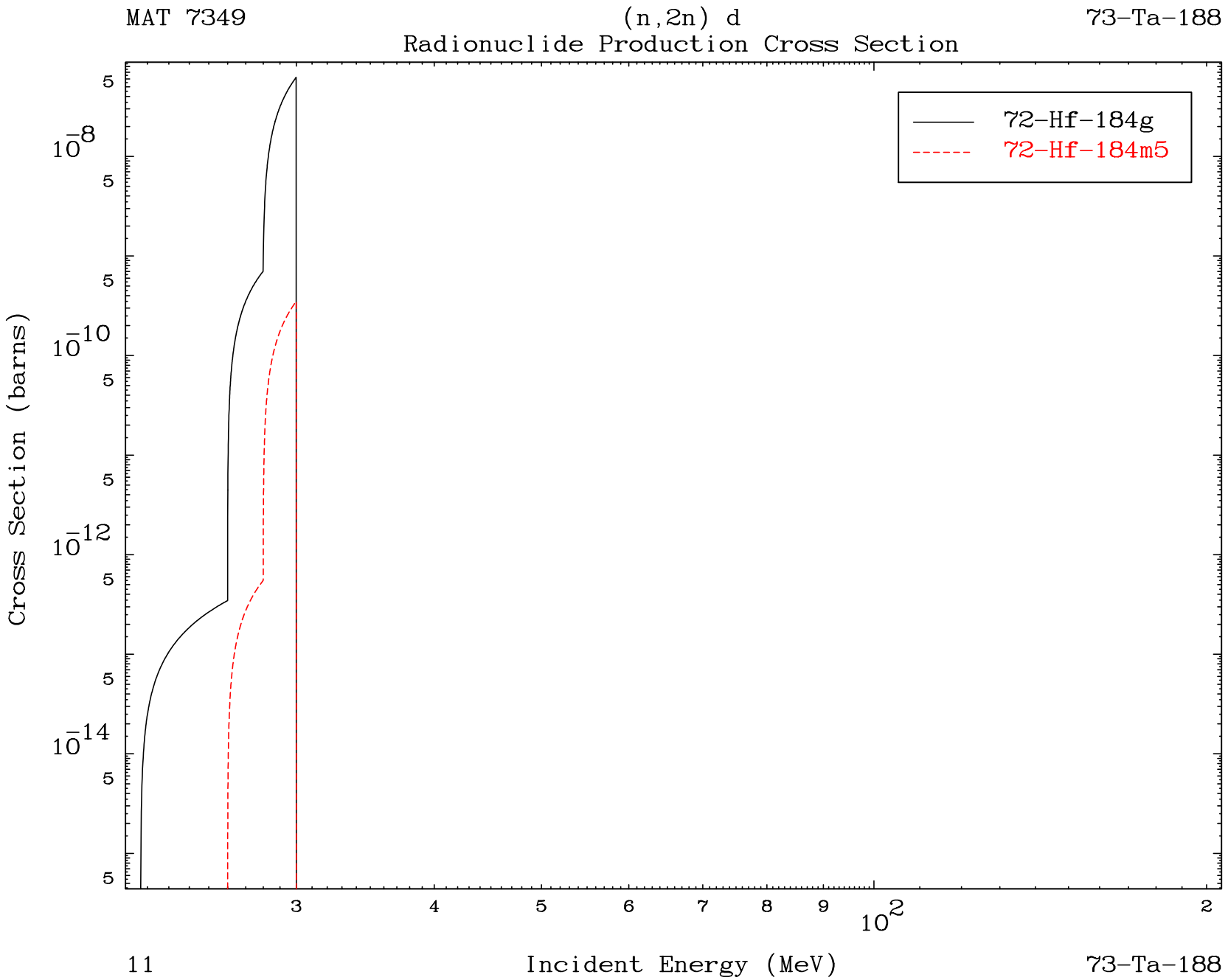

MAT 7349
(γ,n') Levels
0 Kelvin Cross Sections
73-Ta-188
Inelastic
(n,n') Ground
MT= 51 (n,n') Level
(n,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
73-Ta-188
6

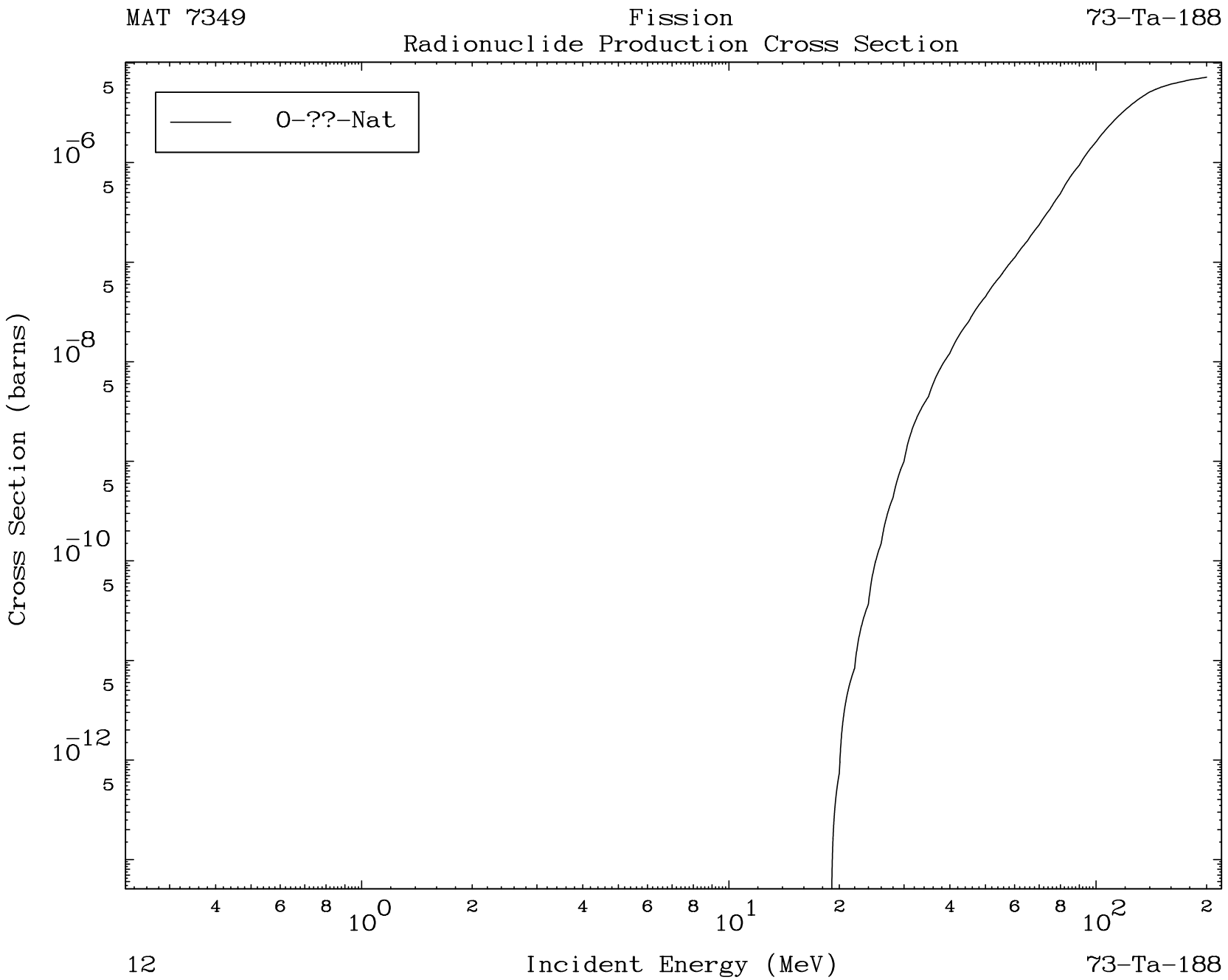

MAT 7349
(γ,p) Levels
73-Ta-188
0 Kelvin Cross Sections
(n,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
10^-12
8 9 10^1 2 3 4 5 6 7 8 9 10^2 2
Incident Energy (MeV)
7
73-Ta-188

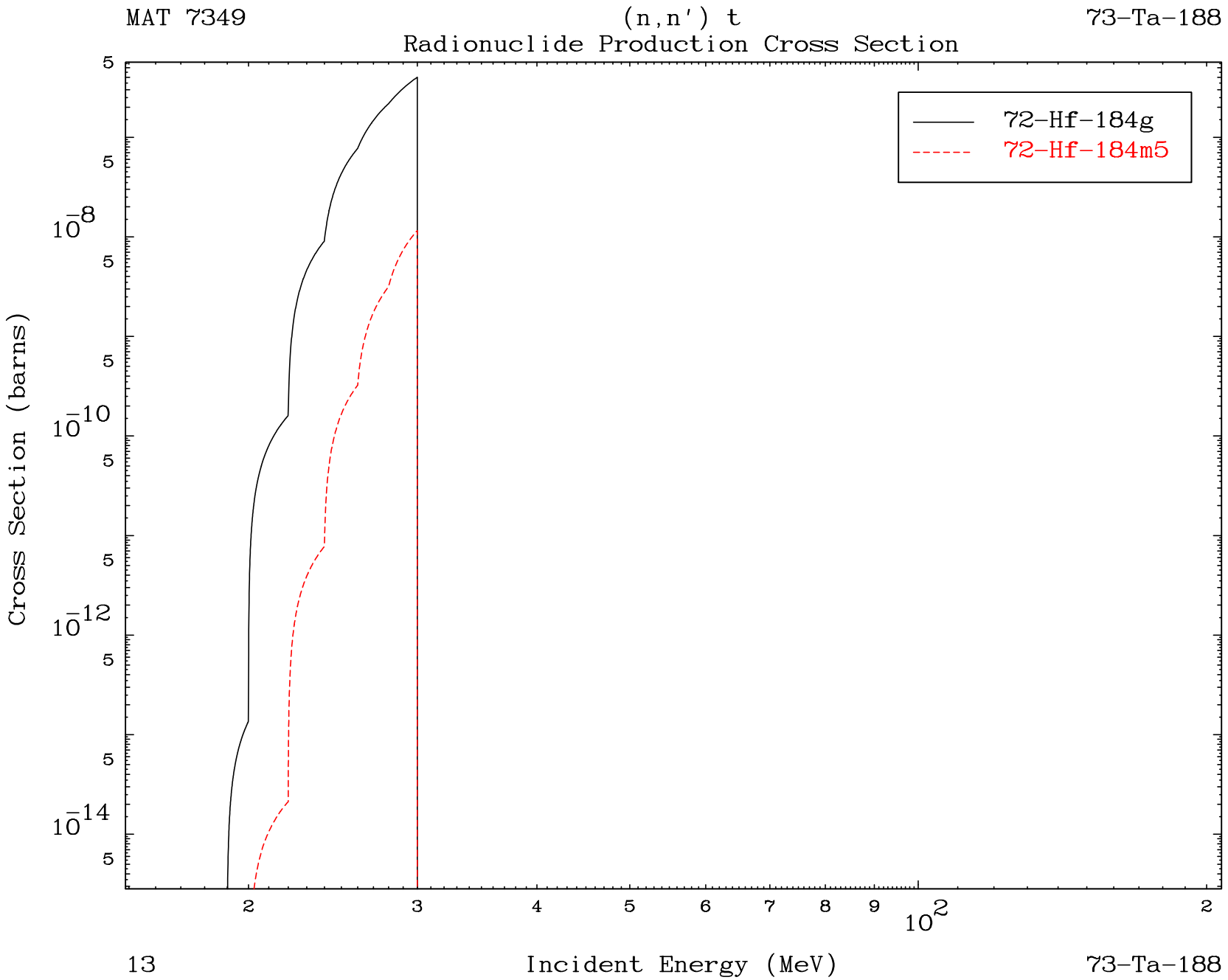

0 Kelvin Cross Sections
(n,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

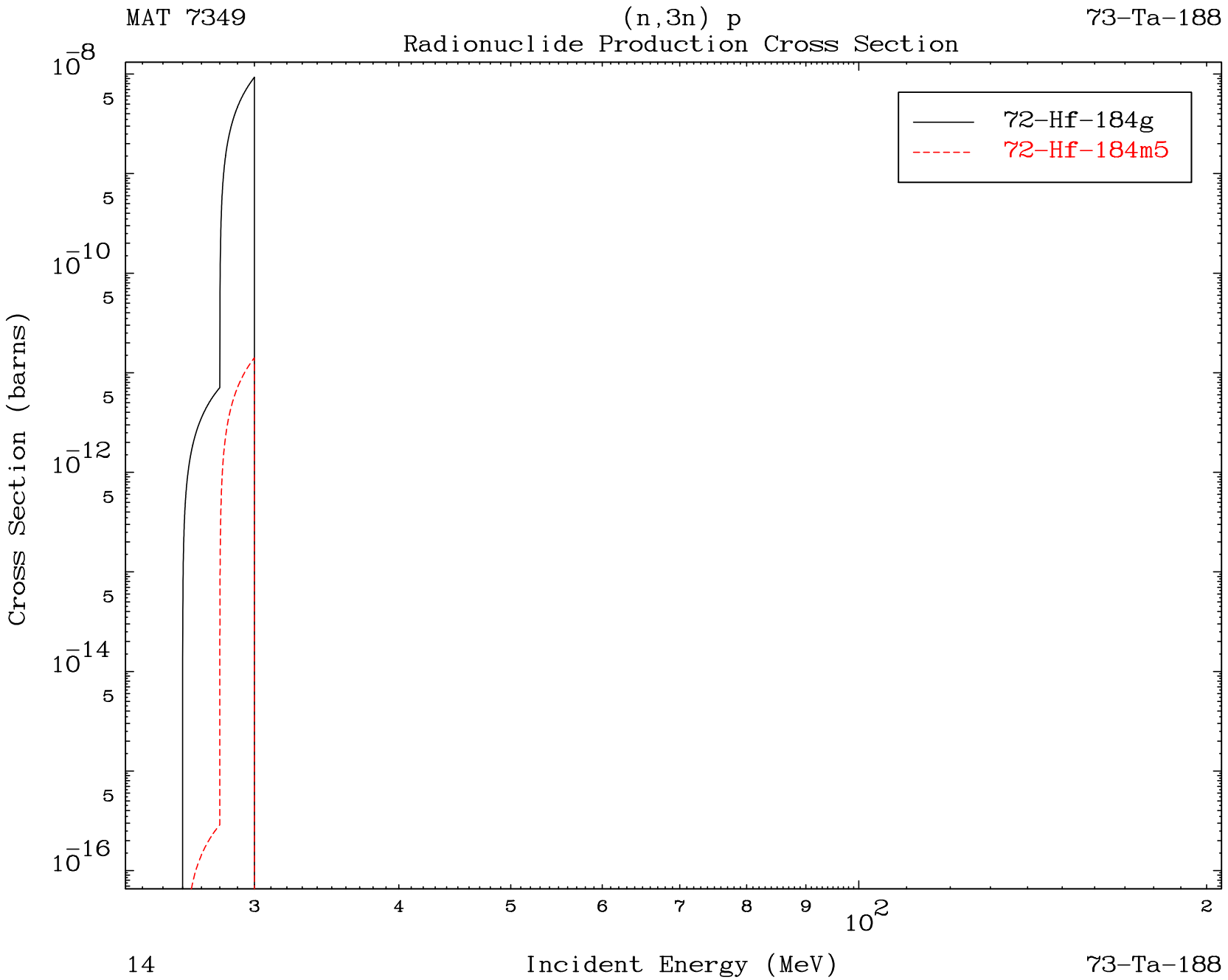

0 Kelvin Cross Sections
(n,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

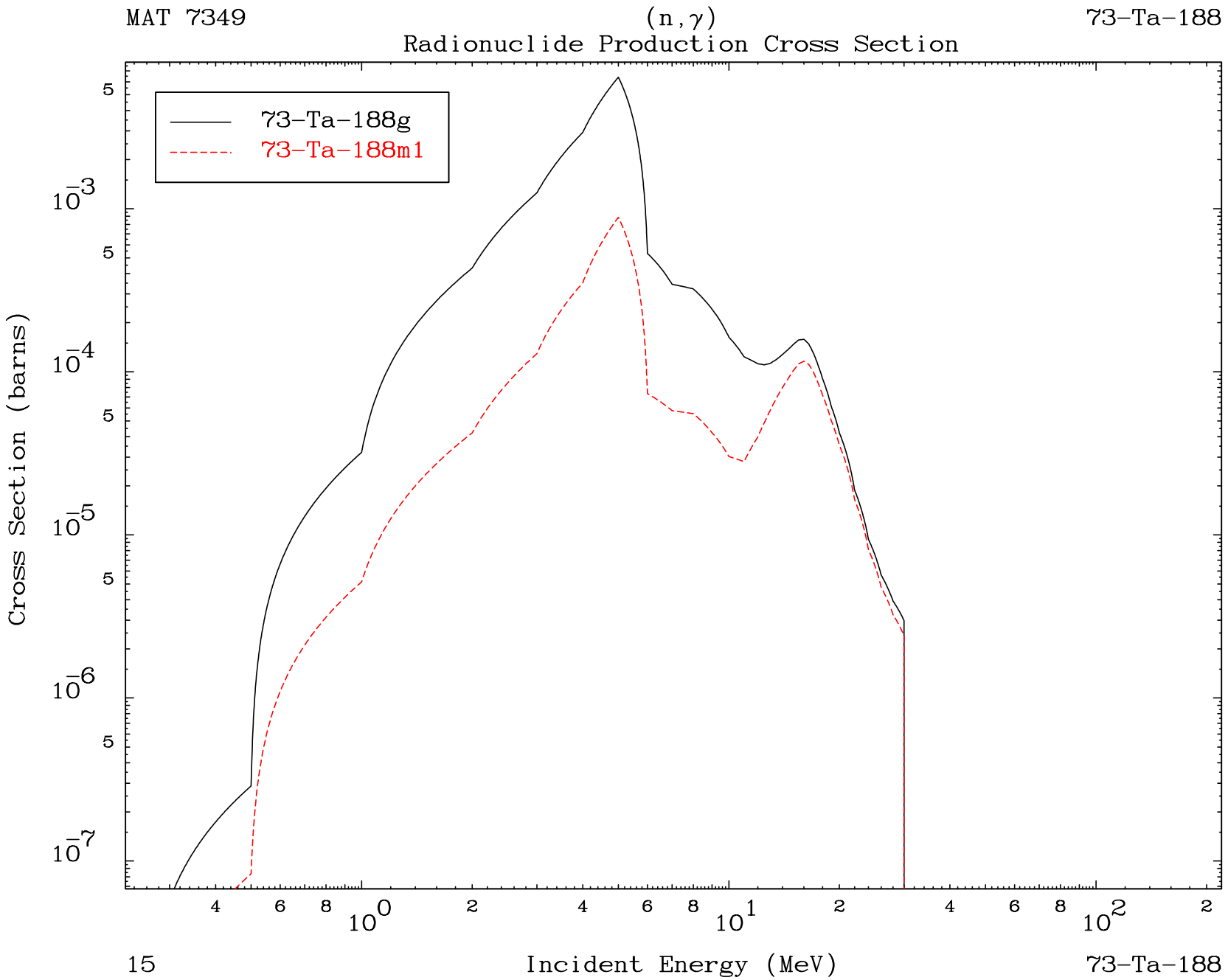

MAT 7349
(γ,α) Levels
73-Ta-188
0 Kelvin Cross Sections
(n,α)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
4
6
8
10^0
10^1
10^2
10
Incident Energy (MeV)
73-Ta-188


MAT 7349
(n,2n) d
73-Ta-188
Radionuclide Production Cross Section
72-Hf-184g
72-Hf-184m5
Cross Section (barns)
10-8
10-10
10-12
10-14
5
3
4
5
6
7
8
9
10 2
2
11
Incident Energy (MeV)
73-Ta-188


MAT 7349
Fission
73-Ta-188
Radionuclide Production Cross Section
0-??-Nat
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-188


MAT 7349
(n,n') t
73-Ta-188
Radionuclide Production Cross Section
72-Hf-184g
72-Hf-184m5
Cross Section (barns)
Incident Energy (MeV)
13
73-Ta-188


MAT 7349
(n,3n) p
73-Ta-188
Radionuclide Production Cross Section
72-Hf-184g
72-Hf-184m5
Cross Section (barns)
Incident Energy (MeV)
14
73-Ta-188


MAT 7349
(n,γ)
73-Ta-188
Radionuclide Production Cross Section
73-Ta-188g
73-Ta-188m1
Cross Section (barns)
Incident Energy (MeV)
15
73-Ta-188