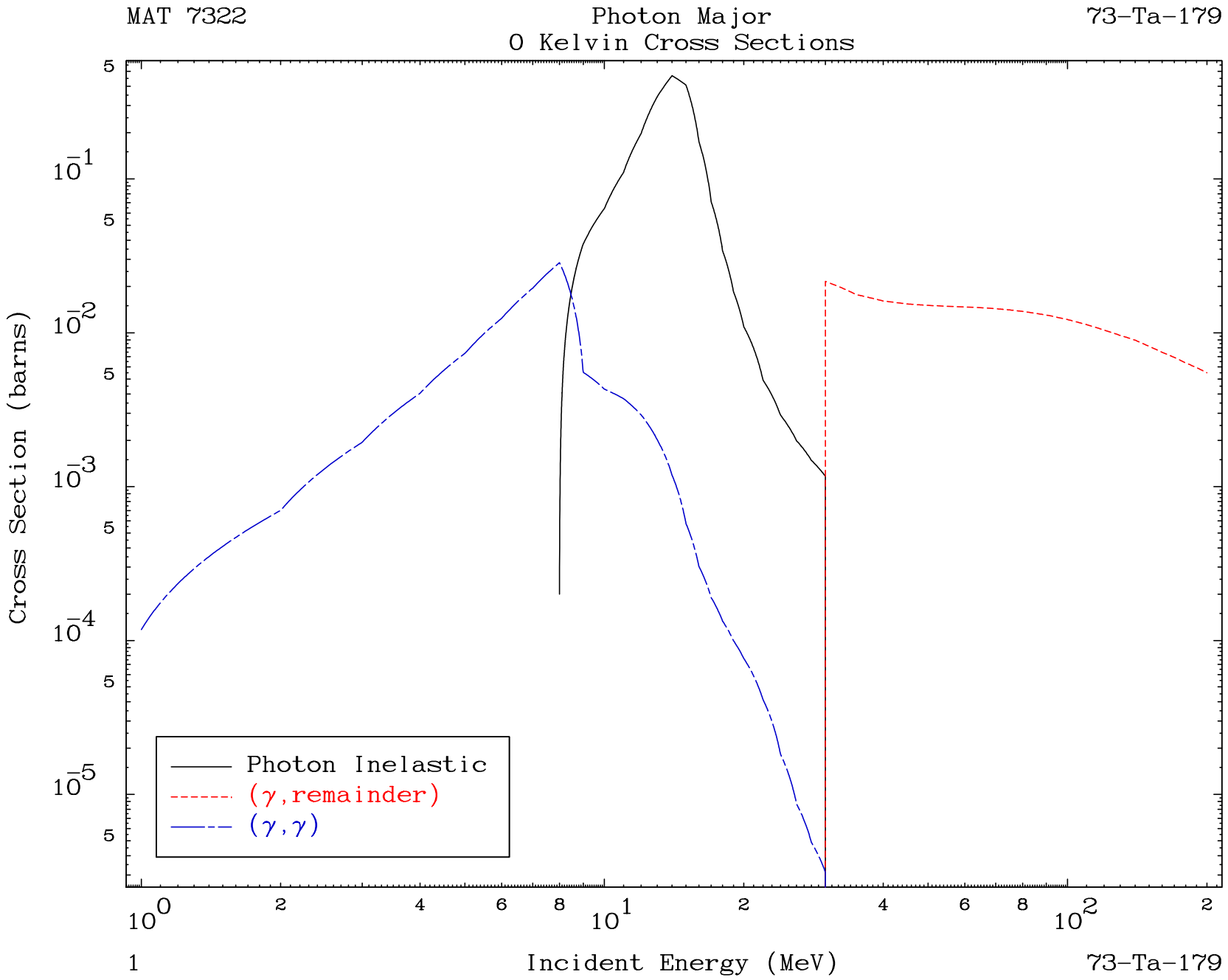
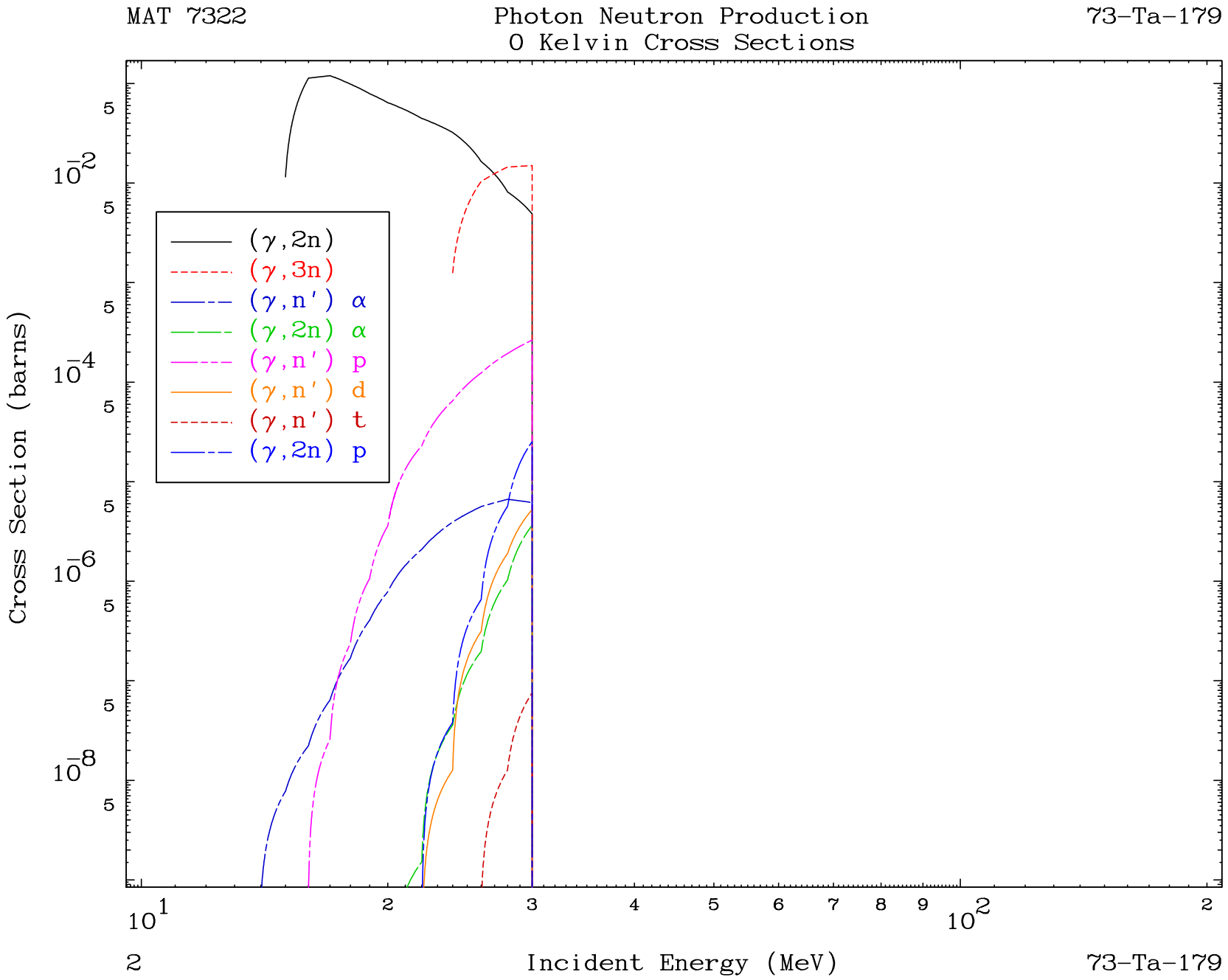
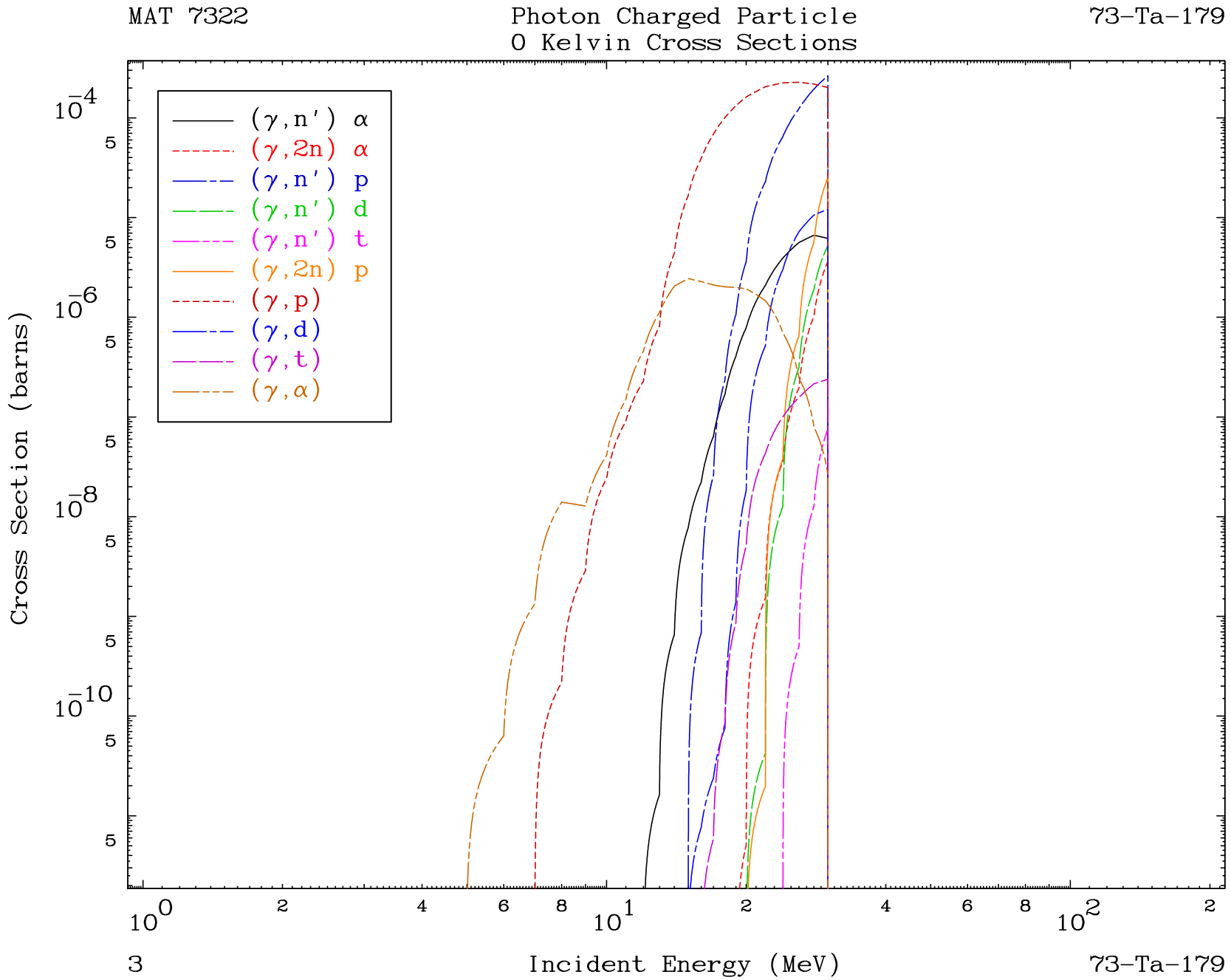
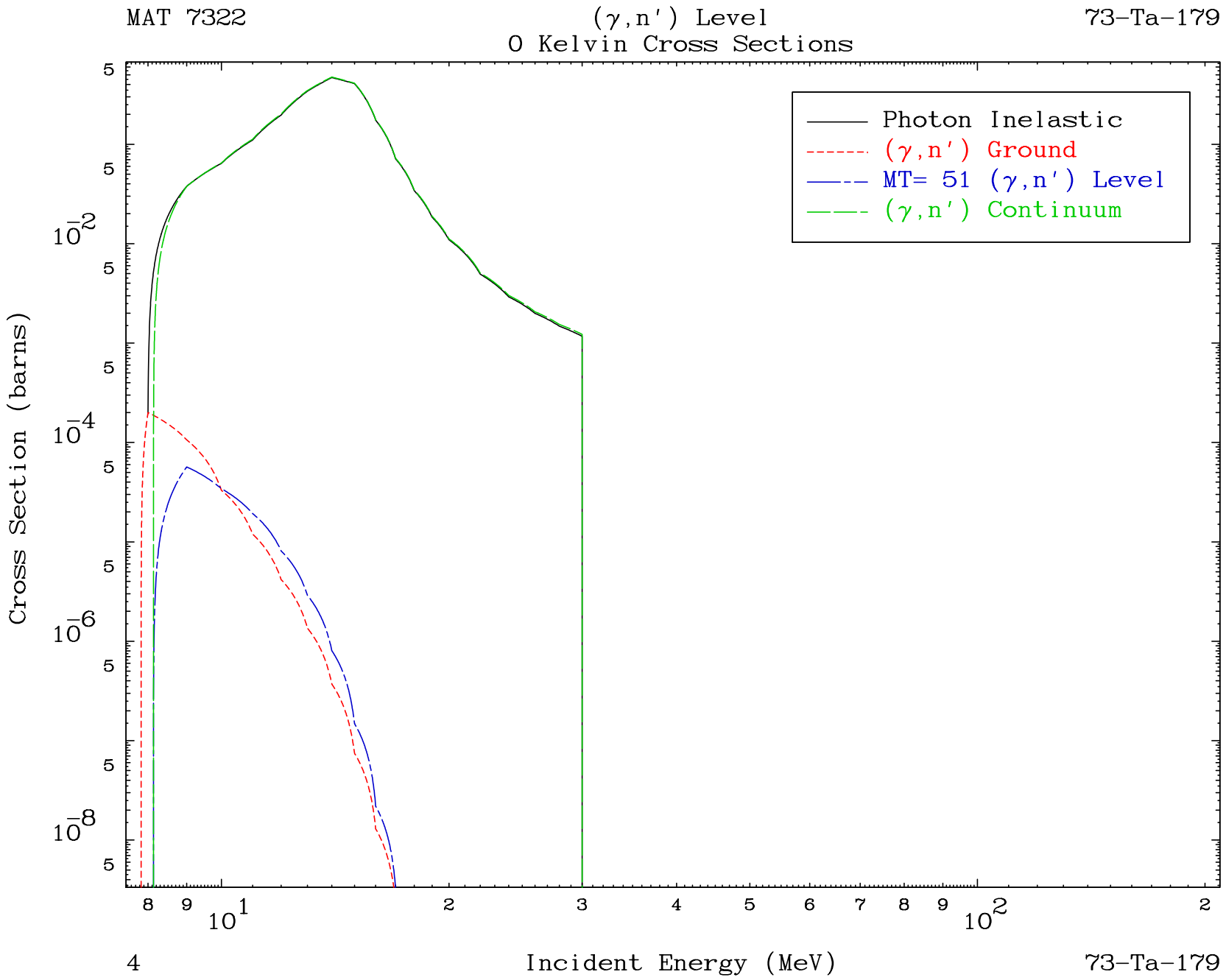
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

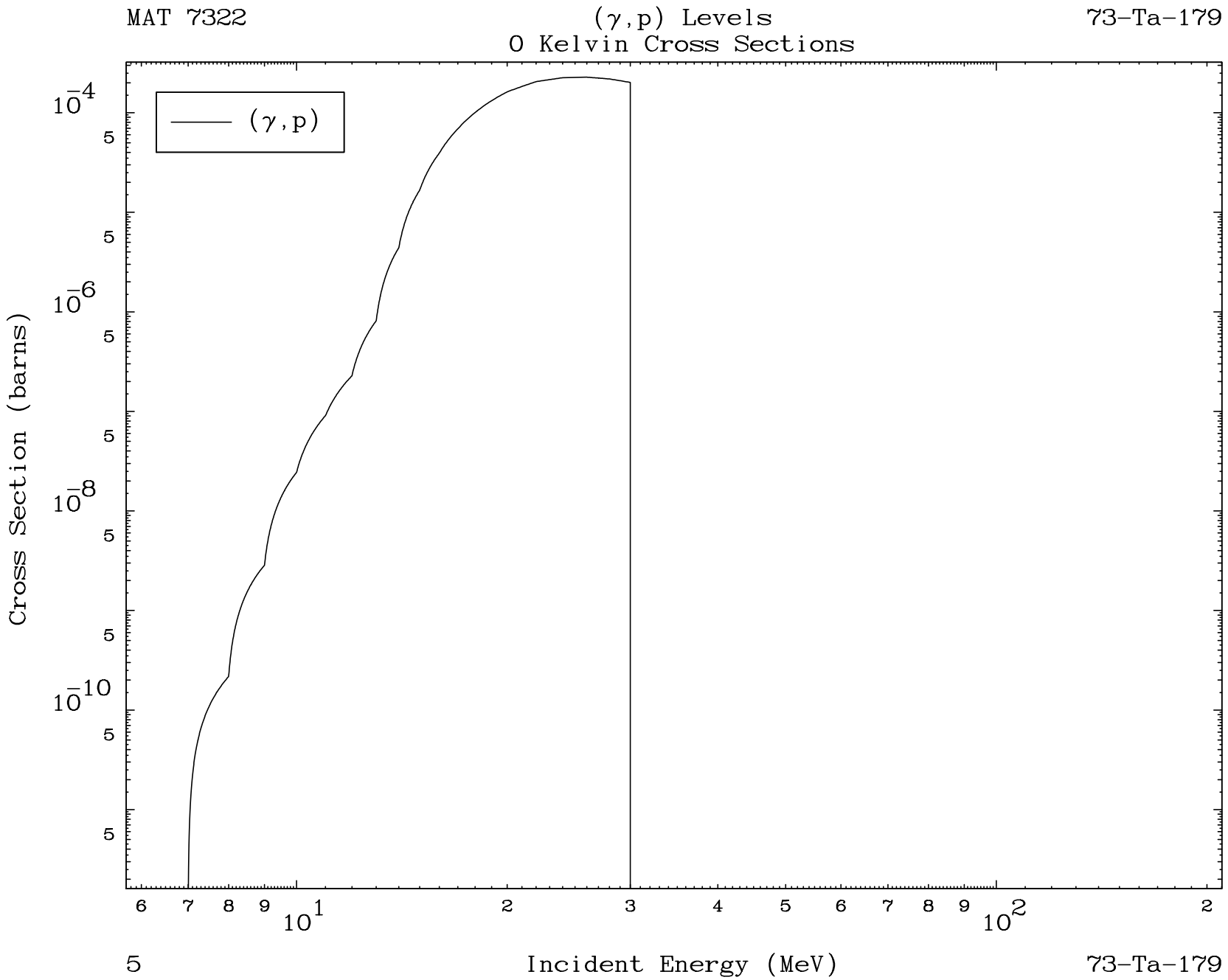
Press Mouse Button to Start

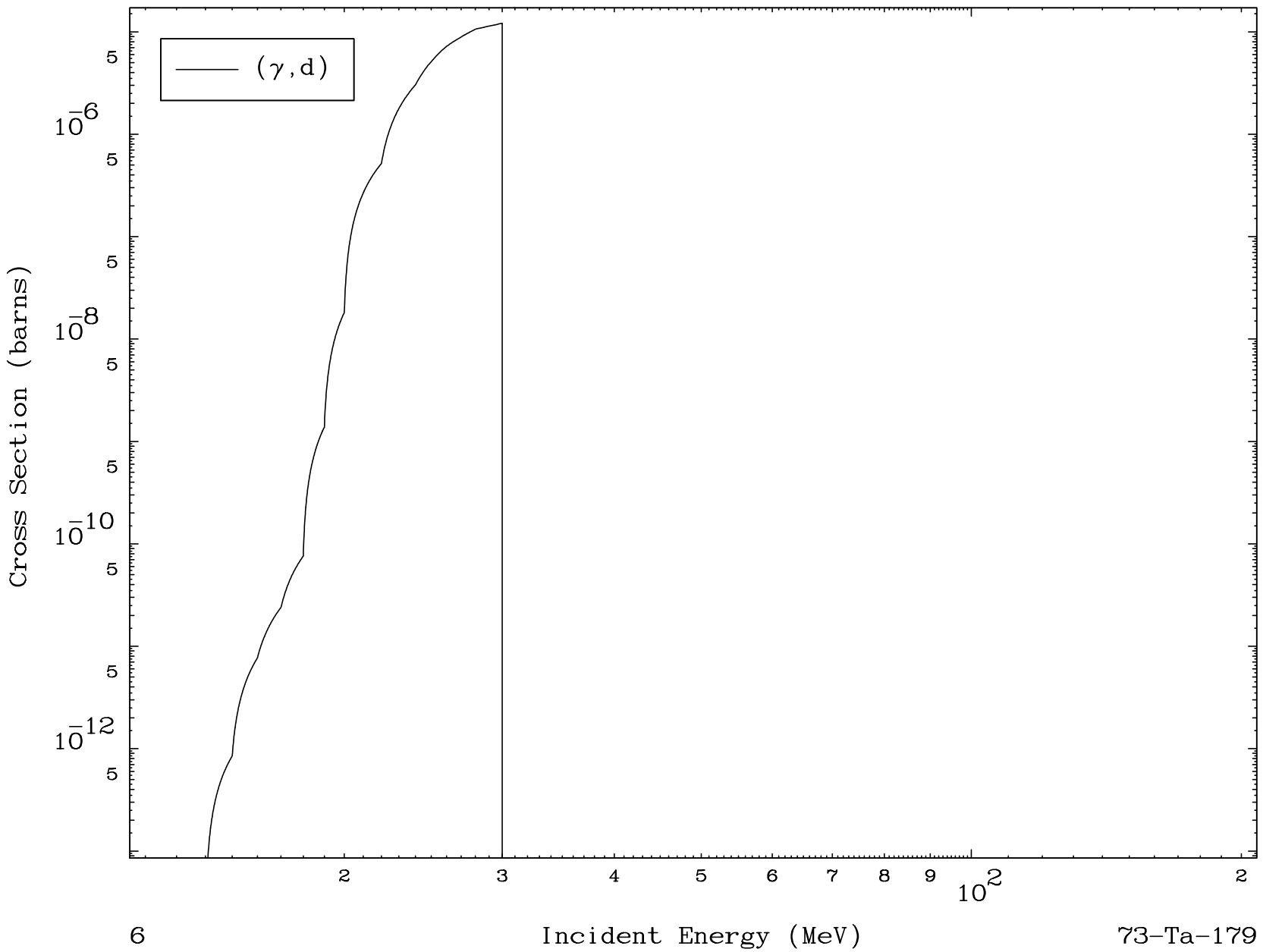

MAT 7322
Photon Major
73-Ta-179
0 Kelvin Cross Sections
Cross Section (barns)
Photon Inelastic
(γ,remainder)
(γ,γ)
Incident Energy (MeV)
73-Ta-179

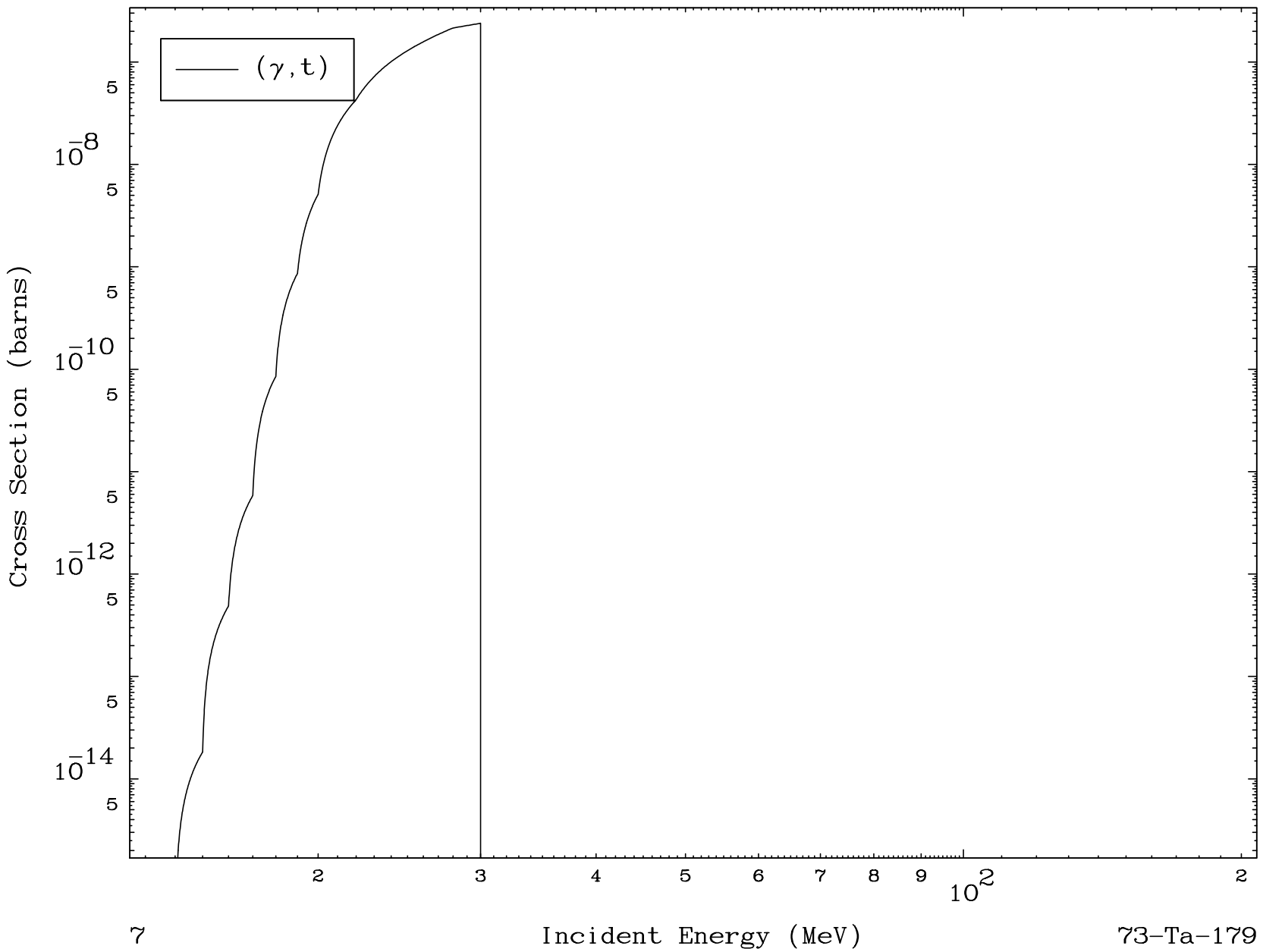

MAT 7322
Photon Neutron Production
0 Kelvin Cross Sections
73-Ta-179
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
Cross Section (barns)
Incident Energy (MeV)
73-Ta-179

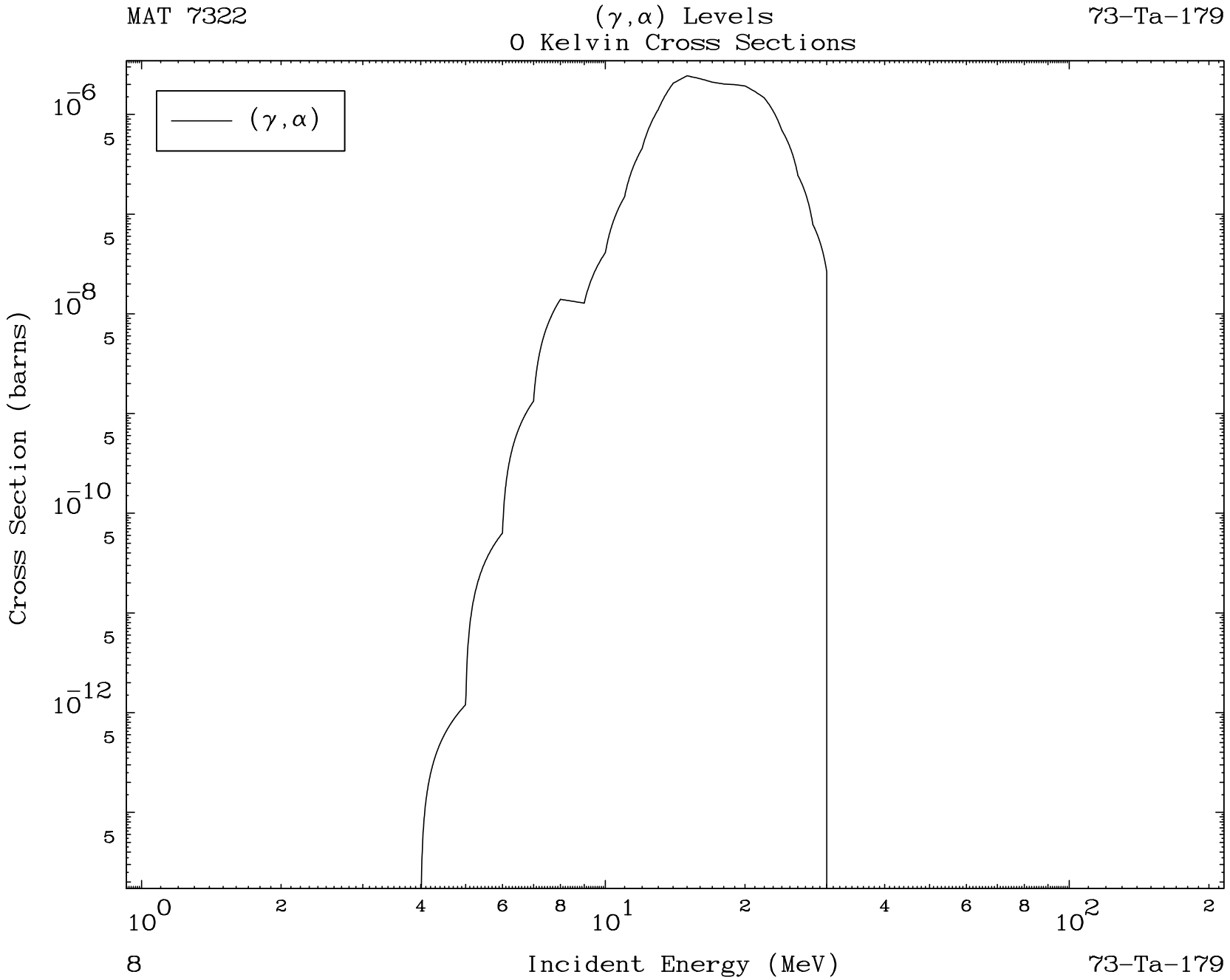

MAT 7322
Photon Charged Particle
0 Kelvin Cross Sections
73-Ta-179
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
3
73-Ta-179

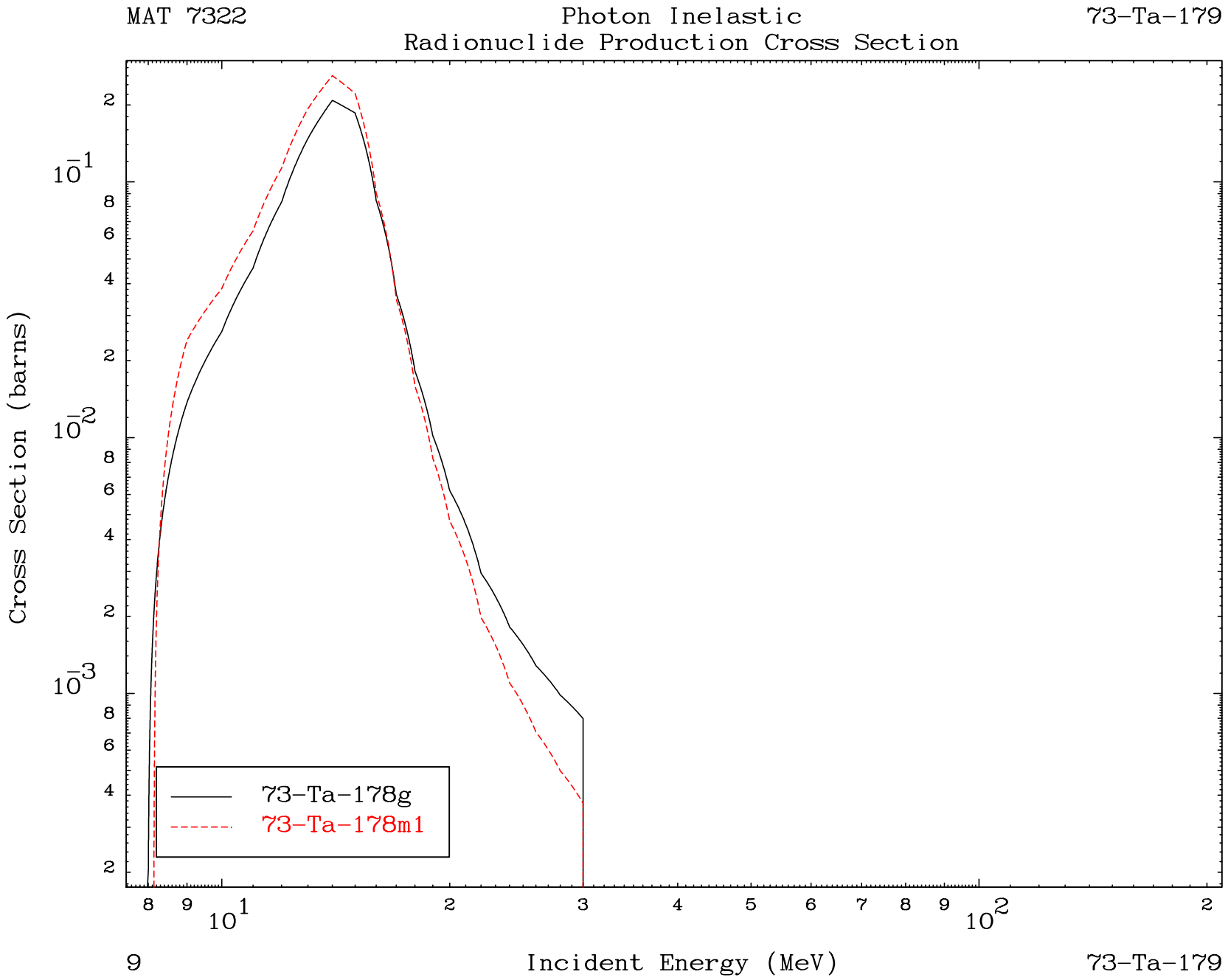

MAT 7322
(γ,n') Level
73-Ta-179
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
73-Ta-179

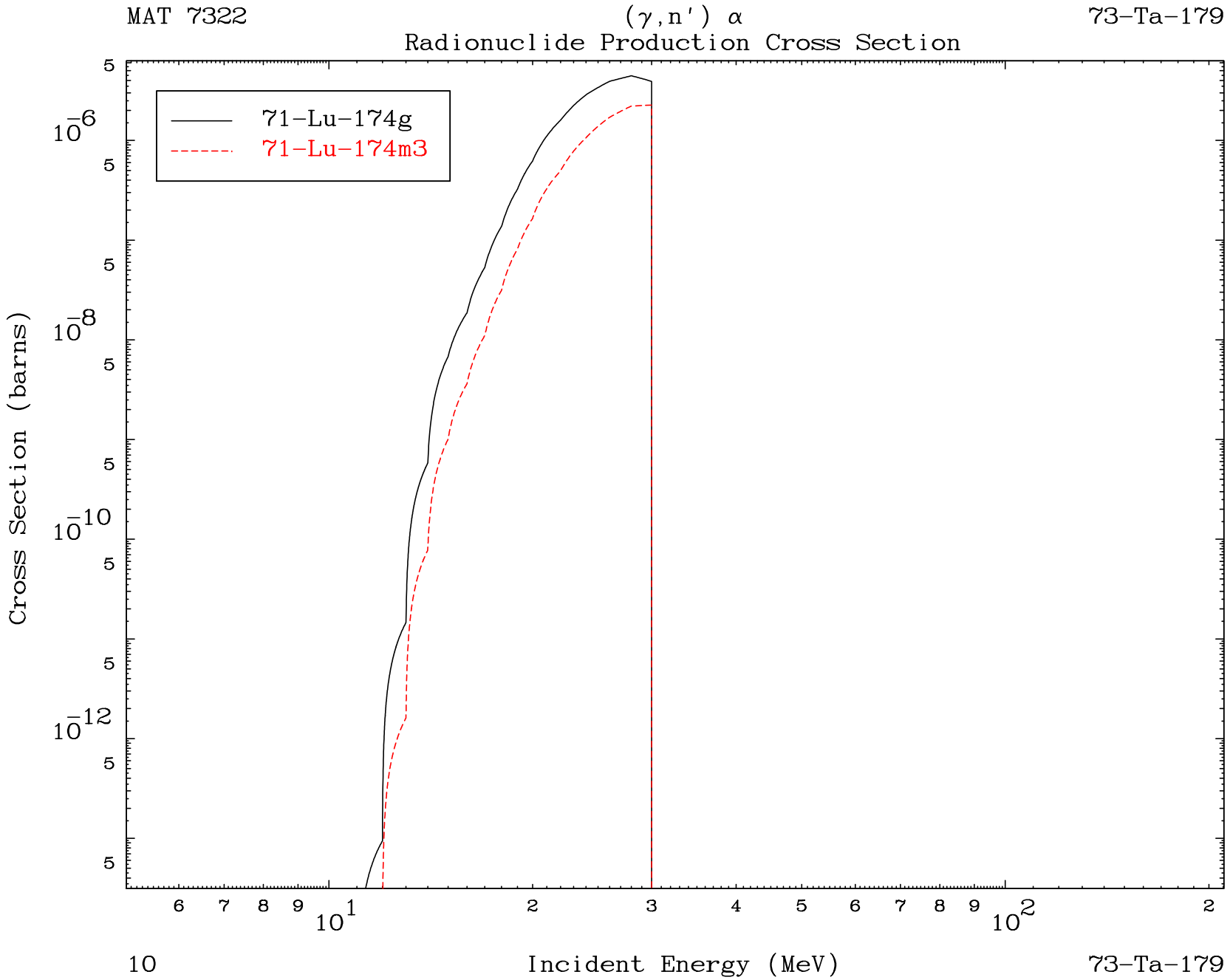

MAT 7322
(γ,p) Levels
73-Ta-179
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
5
73-Ta-179

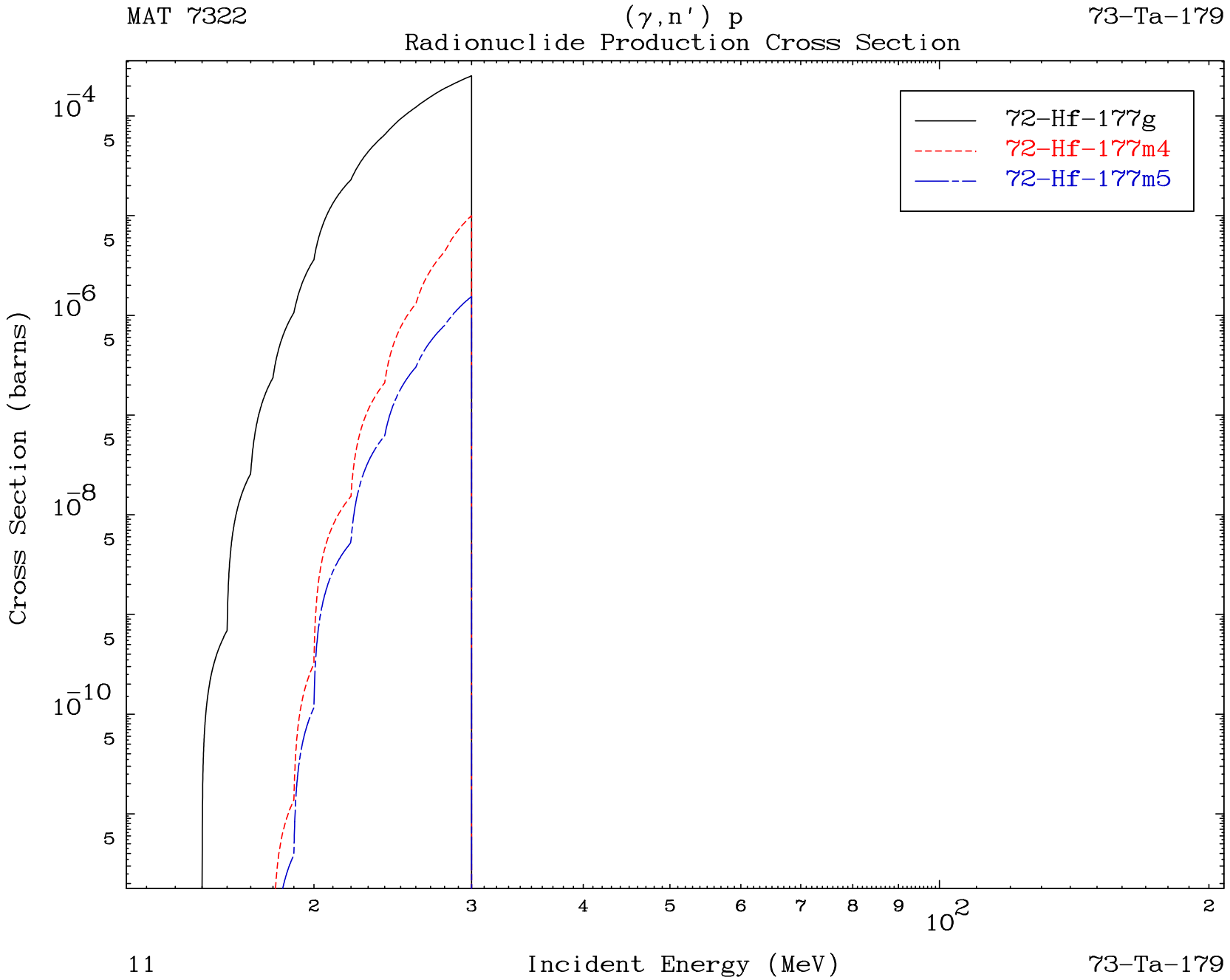

0 Kelvin Cross Sections
(γ,d)
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

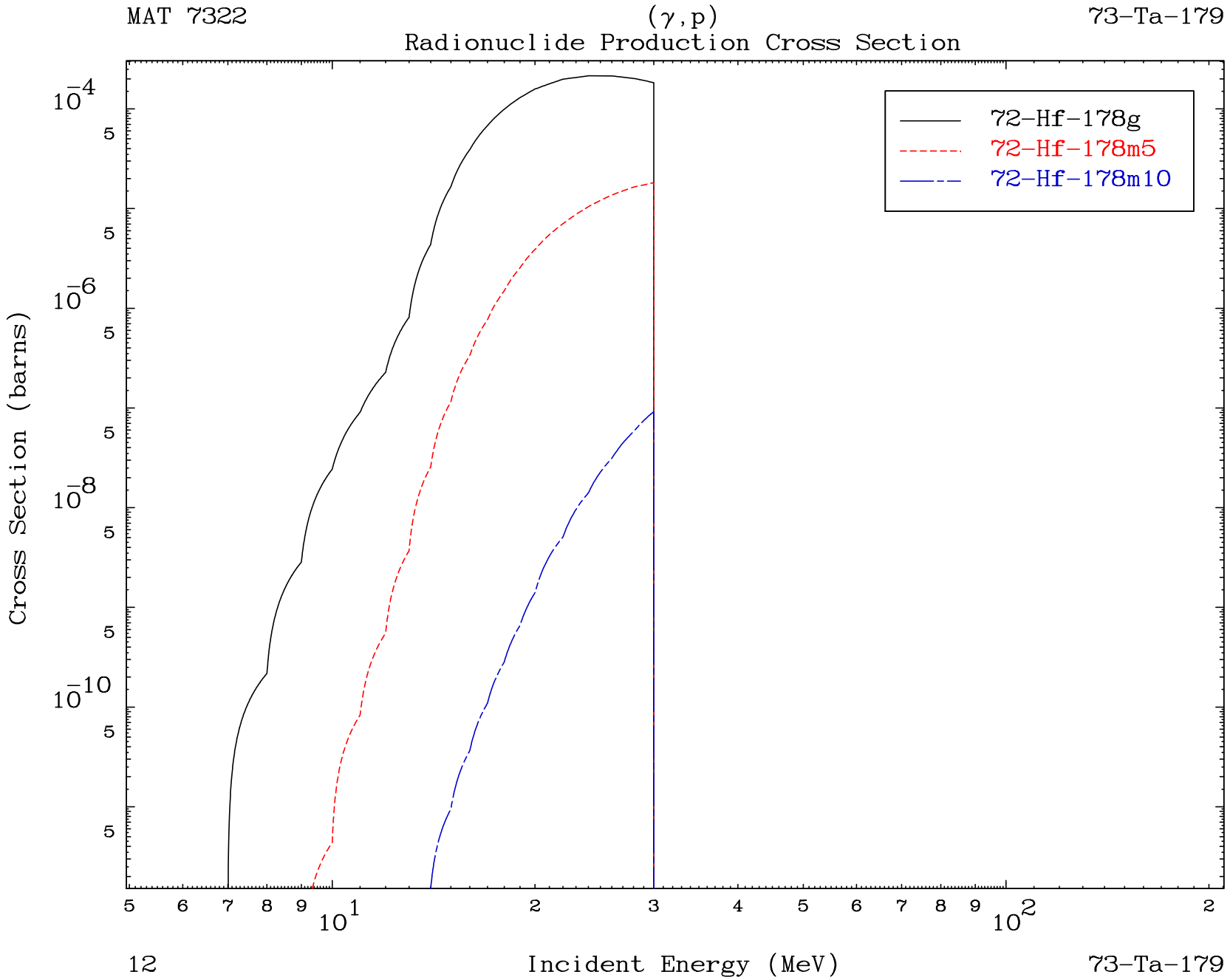

0 Kelvin Cross Sections
(γ,t)
Cross Section (barns)
10^-8
10^-10
10^-12
10^-14
5
2
3
4
5
6
7
8
9
10^2
2
Incident Energy (MeV)

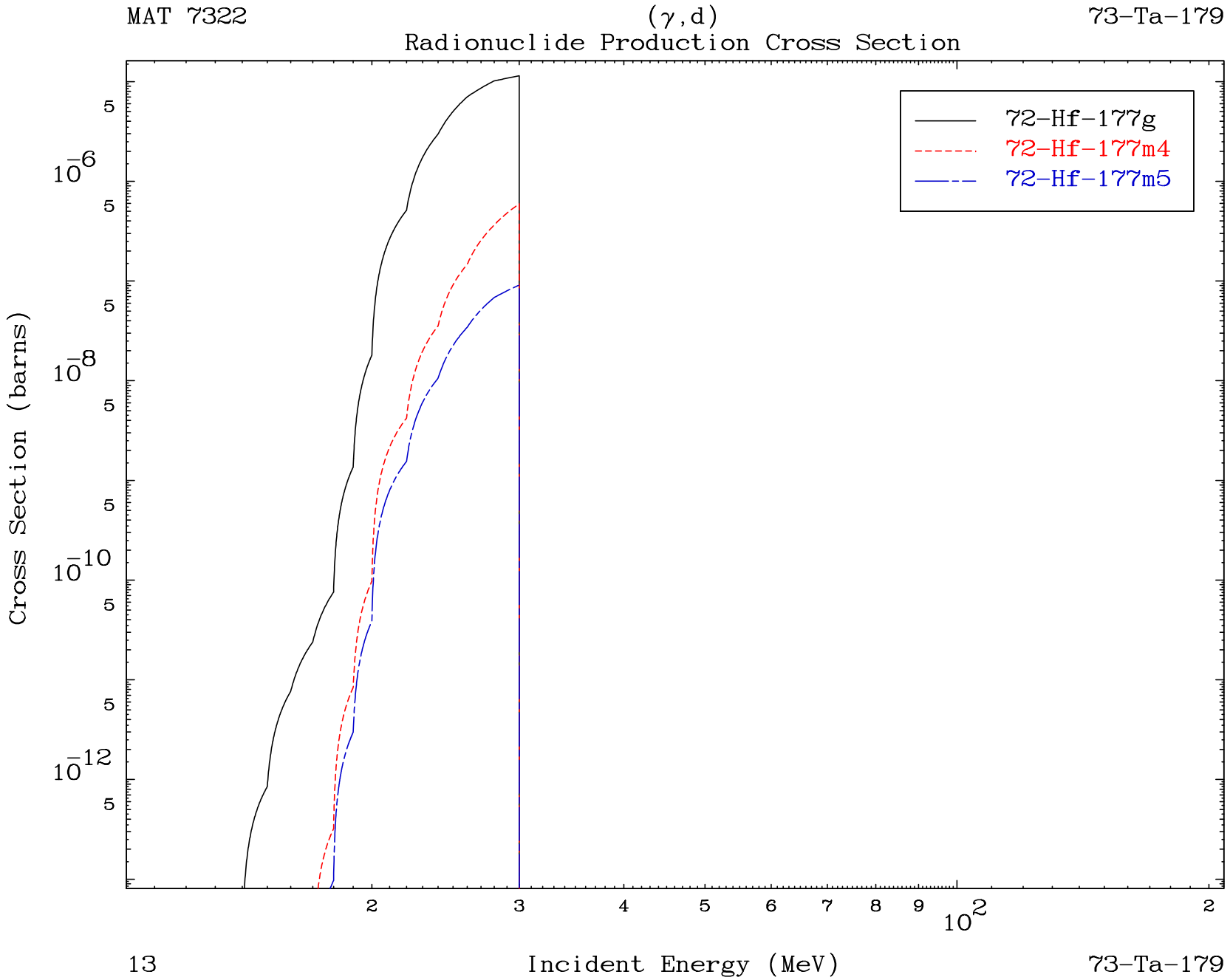

MAT 7322
(γ,α) Levels
73-Ta-179
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
10-6
10-8
10-10
10-12
5
100
2
4
6
8
101
102
Incident Energy (MeV)
73-Ta-179


MAT 7322
Photon Inelastic
73-Ta-179
Radionuclide Production Cross Section
Cross Section (barns)
Incident Energy (MeV)
73-Ta-178g
73-Ta-178m1
9
73-Ta-179


MAT 7322
(γ,n') α
73-Ta-179
Radionuclide Production Cross Section
71-Lu-174g
71-Lu-174m3
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
10^1
10^2
Incident Energy (MeV)
10
73-Ta-179


MAT 7322
(γ,n') p
73-Ta-179
Radionuclide Production Cross Section
72-Hf-177g
72-Hf-177m4
72-Hf-177m5
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
2
3
4
5
6
7
8
9
10^2
2
11
Incident Energy (MeV)
73-Ta-179


MAT 7322
(γ,p)
73-Ta-179
Radionuclide Production Cross Section
72-Hf-178g
72-Hf-178m5
72-Hf-178m10
Cross Section (barns)
Incident Energy (MeV)
12
73-Ta-179


MAT 7322
(γ,d)
73-Ta-179
Radionuclide Production Cross Section
72-Hf-177g
72-Hf-177m4
72-Hf-177m5
Cross Section (barns)
10^-6
10^-8
10^-10
10^-12
5
2
3
4
6
7
8
9
10^2
Incident Energy (MeV)
13
73-Ta-179