Program EVALPLOT
(Version 2018-1)
by
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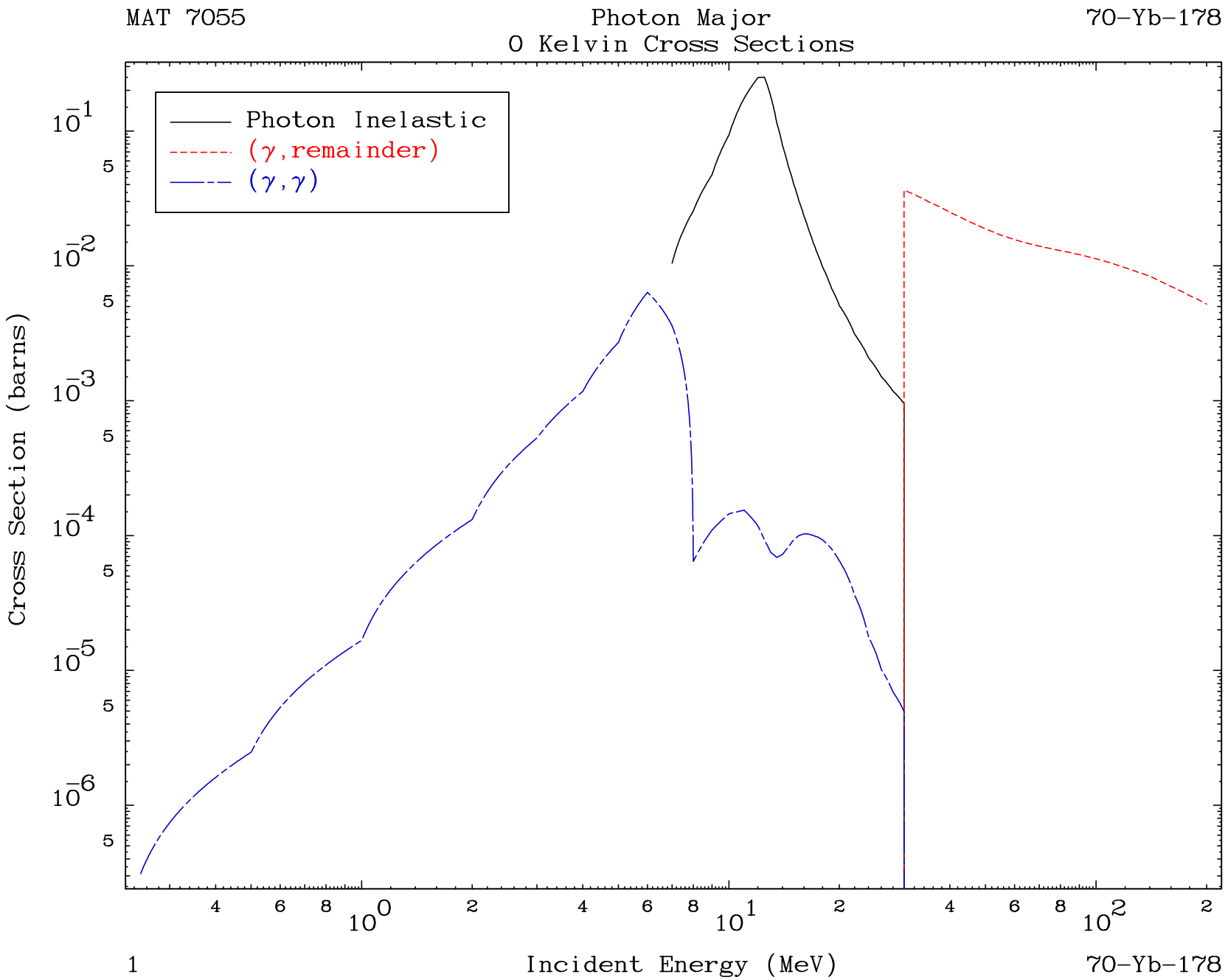
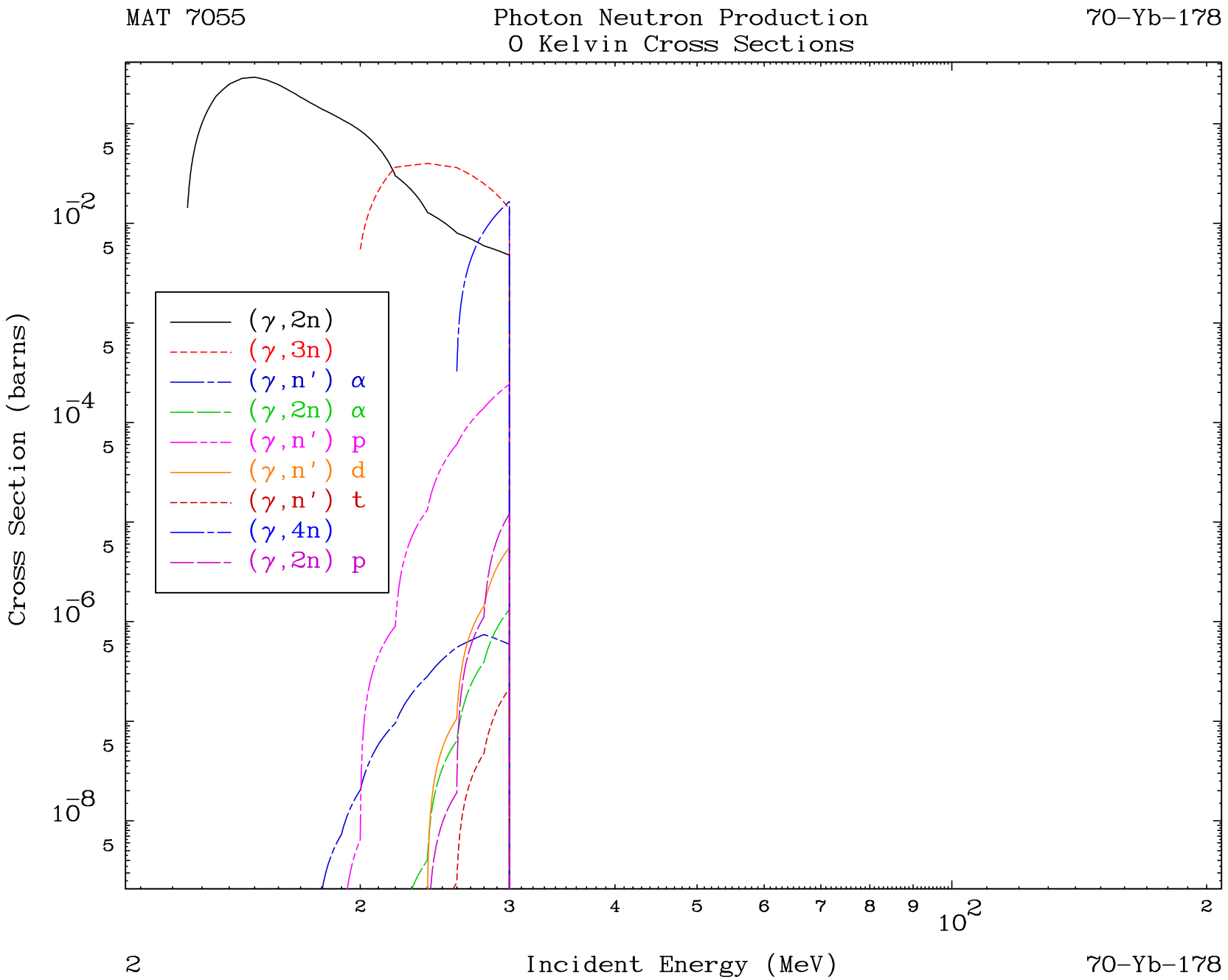
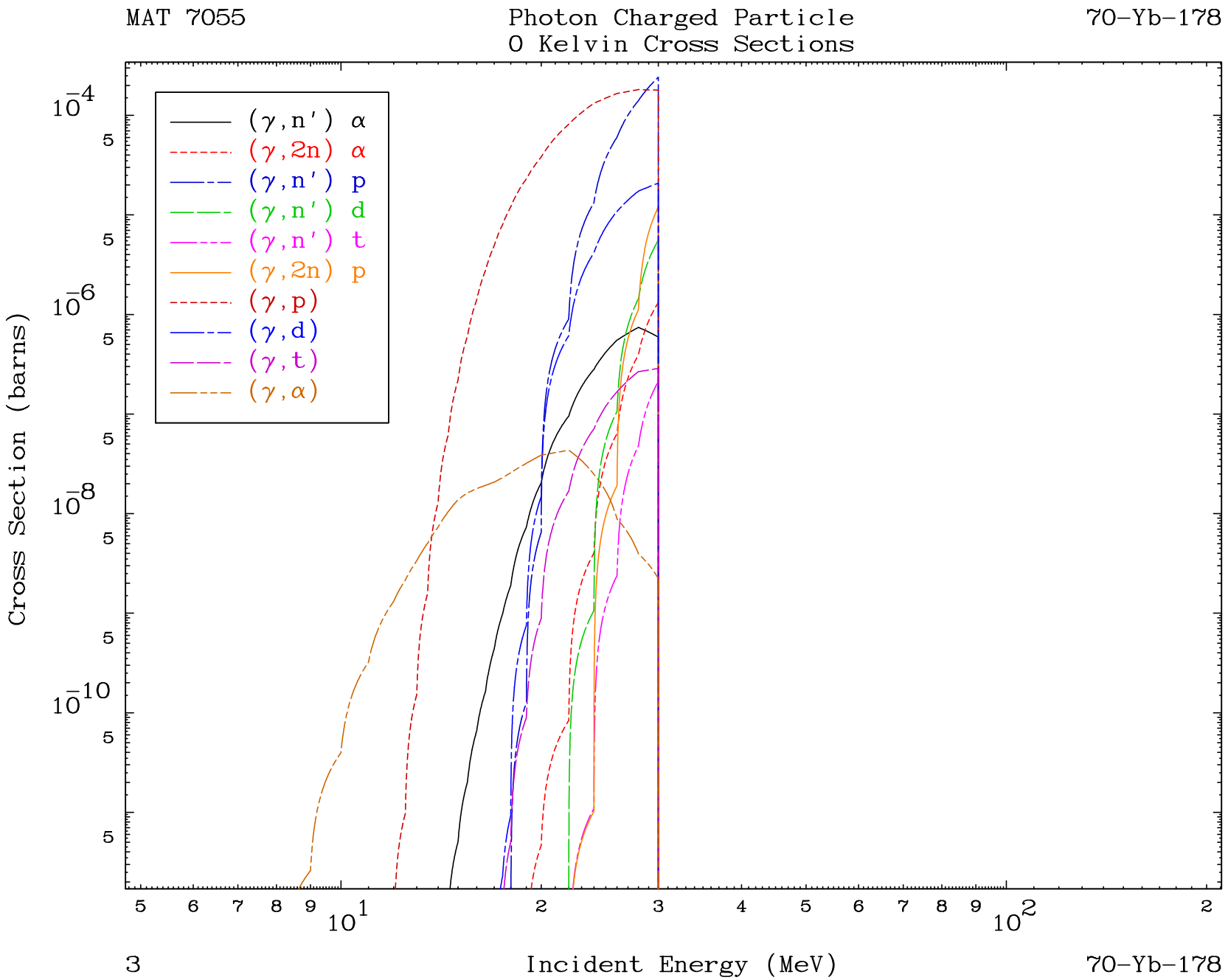
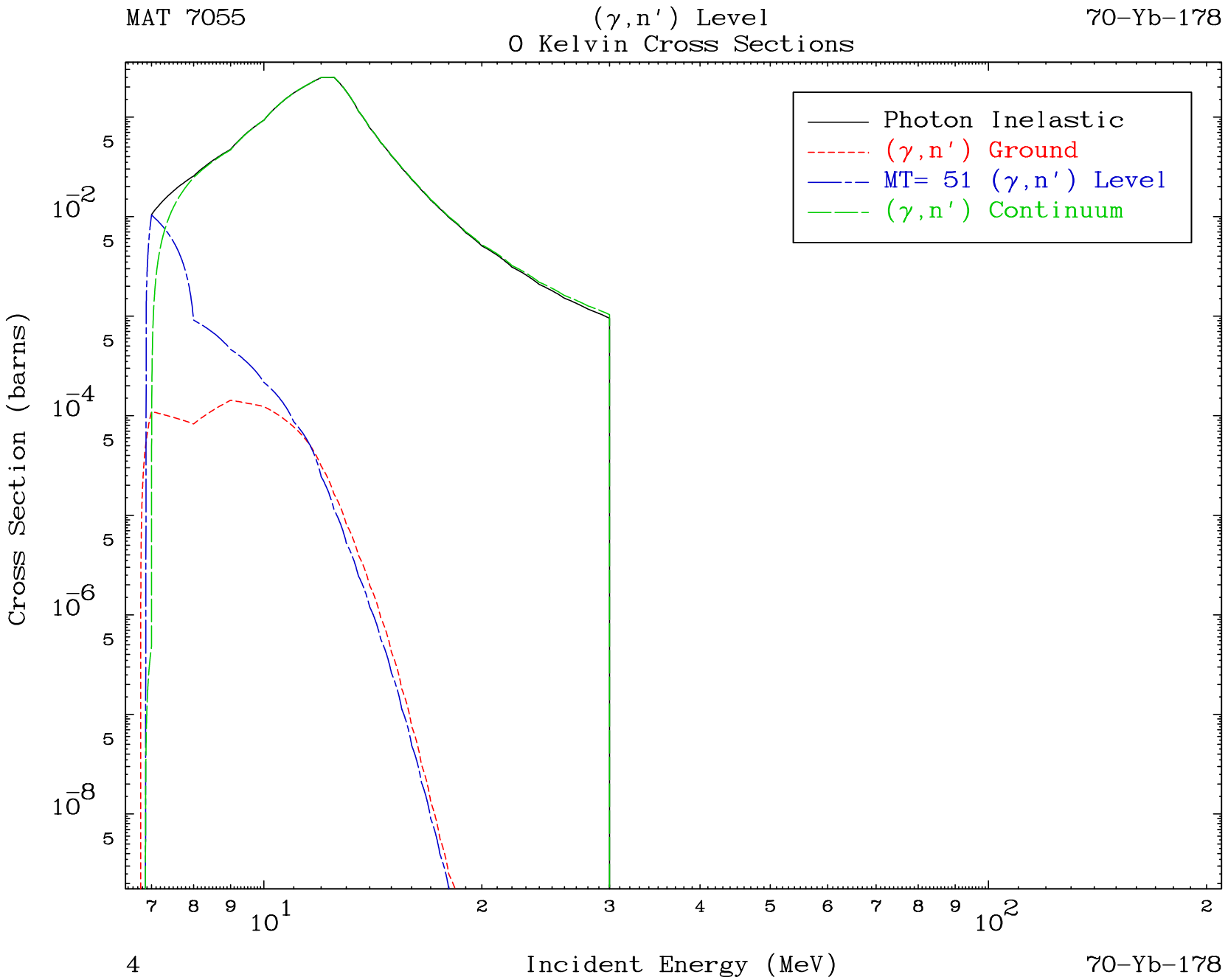
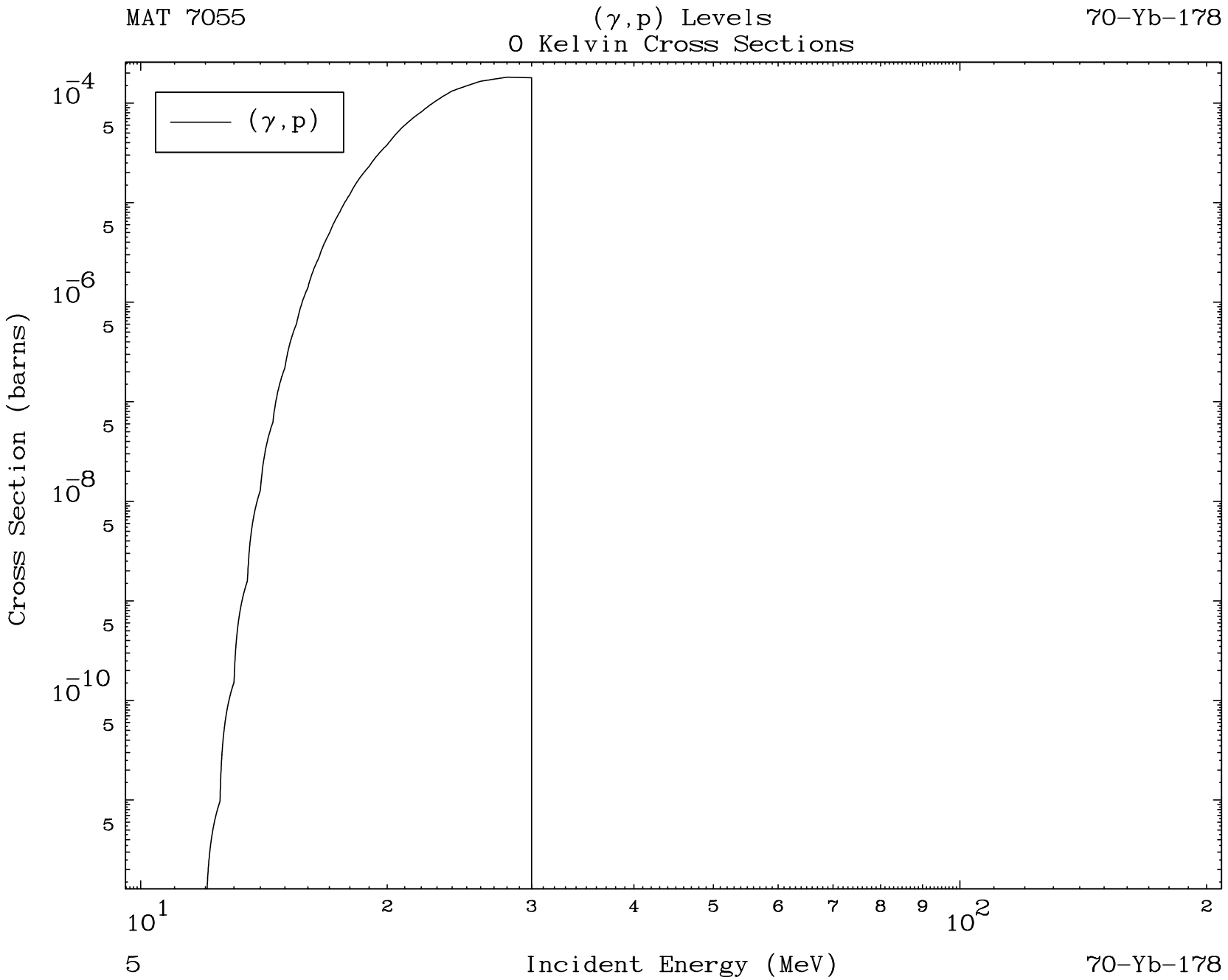
Press Mouse Button to Start


MAT 7055
Photon Major
70-Yb-178
0 Kelvin Cross Sections
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
70-Yb-178
1


MAT 7055
Photon Neutron Production
0 Kelvin Cross Sections
70-Yb-178
Cross Section (barns)
Incident Energy (MeV)
70-Yb-178
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,4n)
(γ,2n) p

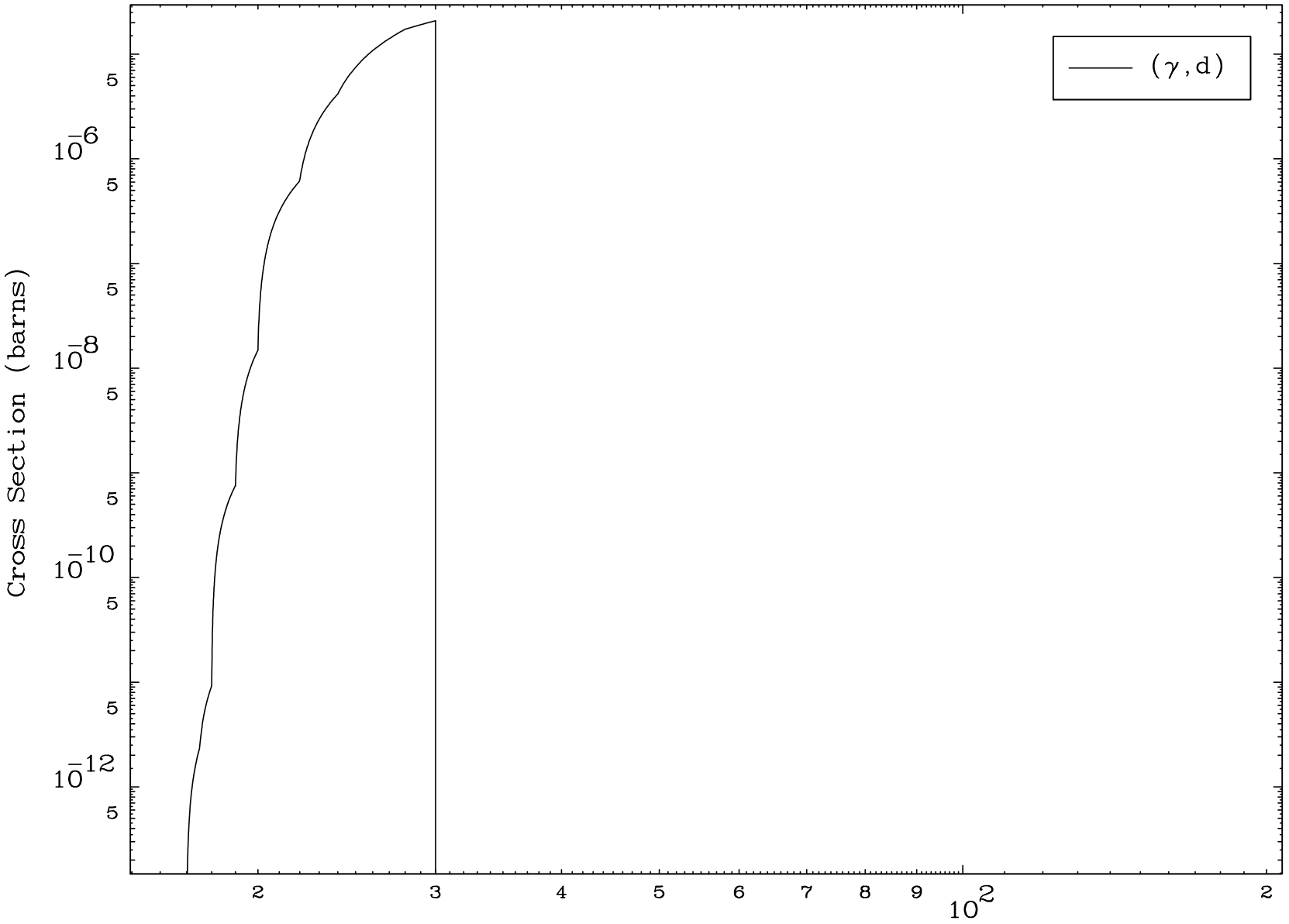

MAT 7055
Photon Charged Particle
0 Kelvin Cross Sections
70-Yb-178
(γ,n') α
(γ,2n) α
(γ,n') p
(γ,n') d
(γ,n') t
(γ,2n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
3
70-Yb-178

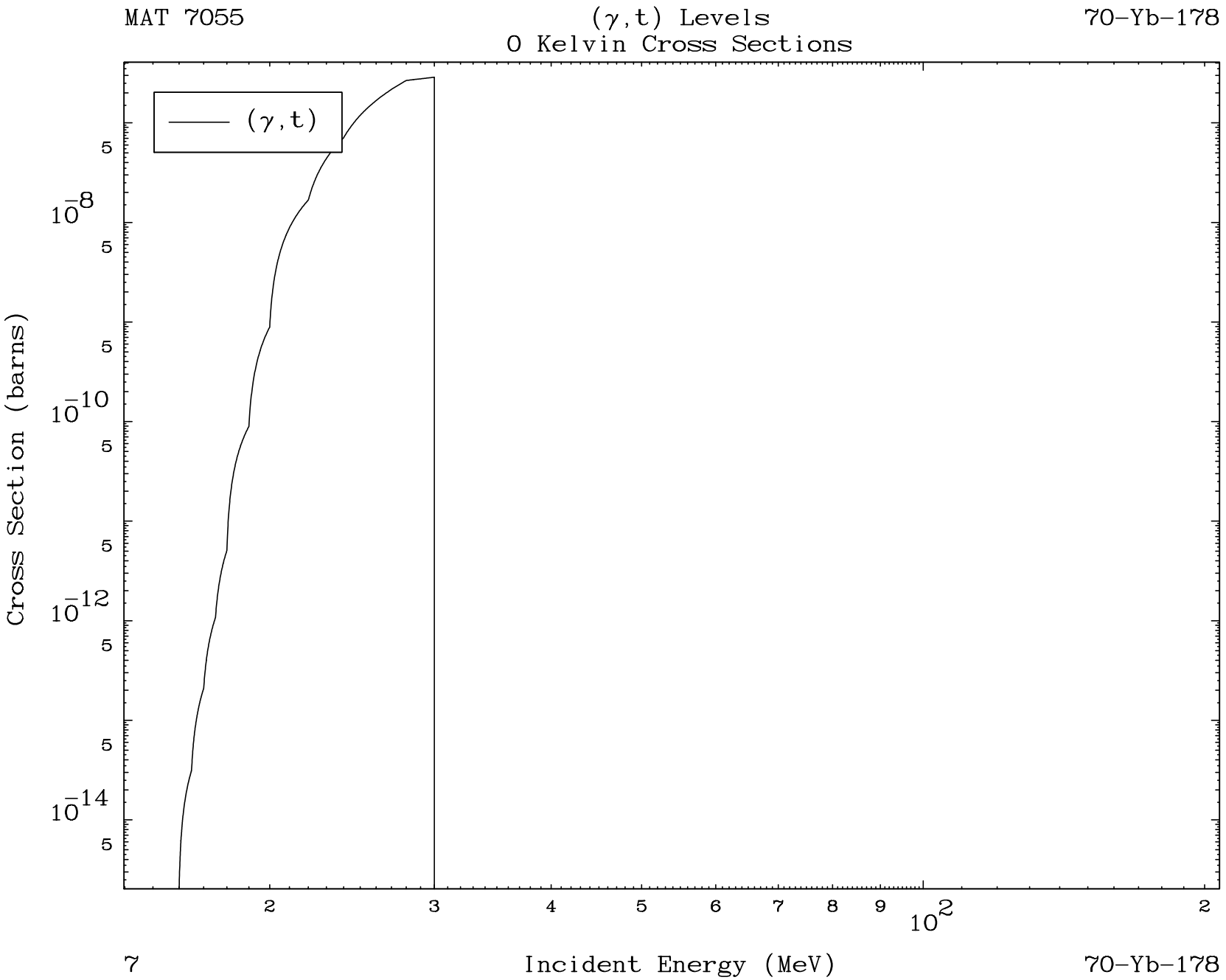

MAT 7055
(γ,n') Level
70-Yb-178
0 Kelvin Cross Sections
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
4
70-Yb-178

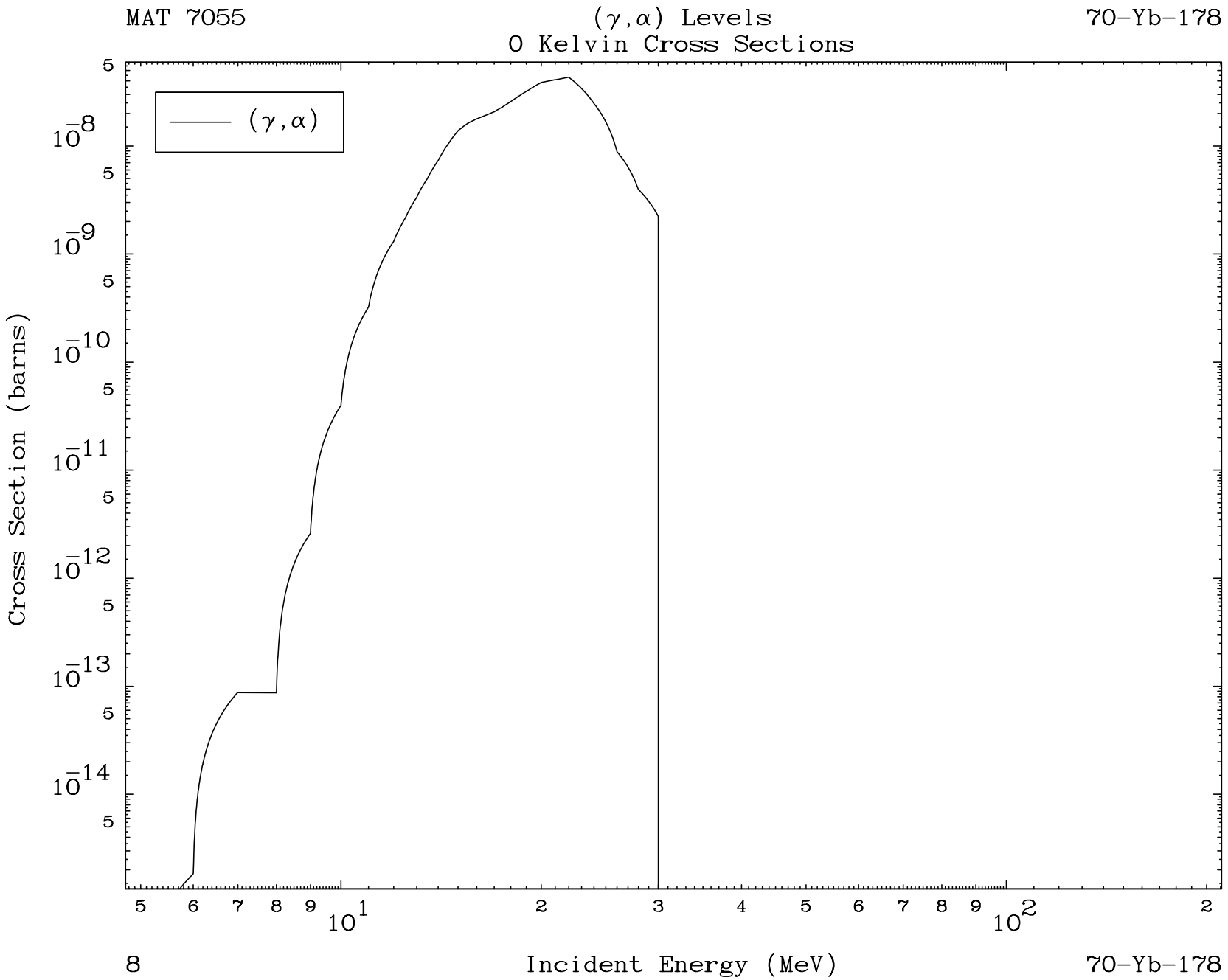

MAT 7055
(γ,p) Levels
70-Yb-178
0 Kelvin Cross Sections
(γ,p)
Cross Section (barns)
10^-4
10^-6
10^-8
10^-10
Incident Energy (MeV)
10^1
10^2
70-Yb-178

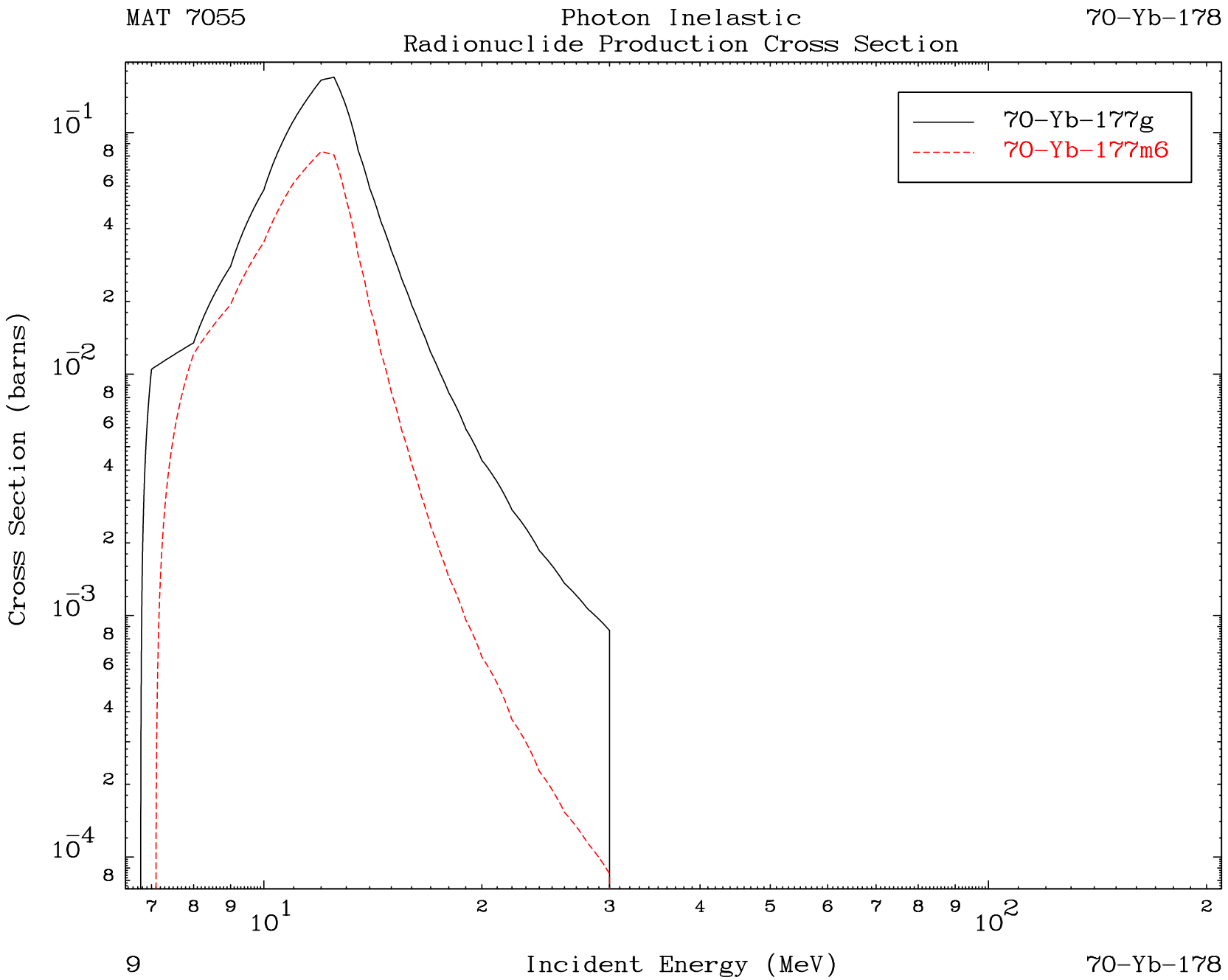
(γ,d) Levels

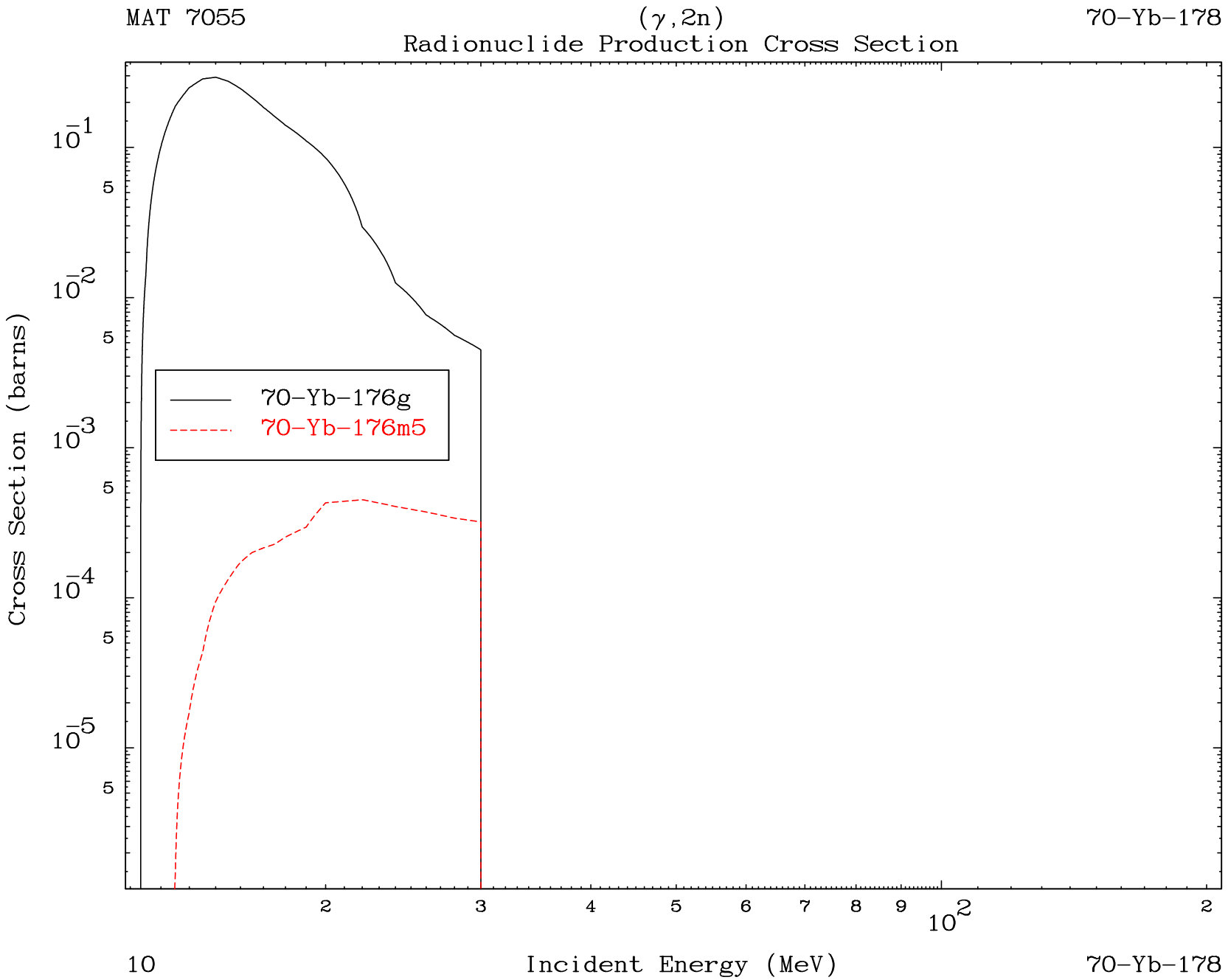
0 Kelvin Cross Sections




MAT 7055
(γ,t) Levels
70-Yb-178
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
7
Incident Energy (MeV)
70-Yb-178


MAT 7055
(γ,α) Levels
70-Yb-178
0 Kelvin Cross Sections
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
8
70-Yb-178


MAT 7055
Photon Inelastic
70-Yb-178
Radionuclide Production Cross Section
70-Yb-177g
70-Yb-177m6
Cross Section (barns)
Incident Energy (MeV)
9
70-Yb-178


MAT 7055
(γ,2n)
70-Yb-178
Radionuclide Production Cross Section
Cross Section (barns)
10^-1
5
10^-2
5
10^-3
5
10^-4
5
10^-5
5
70-Yb-176g
70-Yb-176m5
2
3
4
5
6
7
8
9
10^2
2
10
Incident Energy (MeV)
70-Yb-178