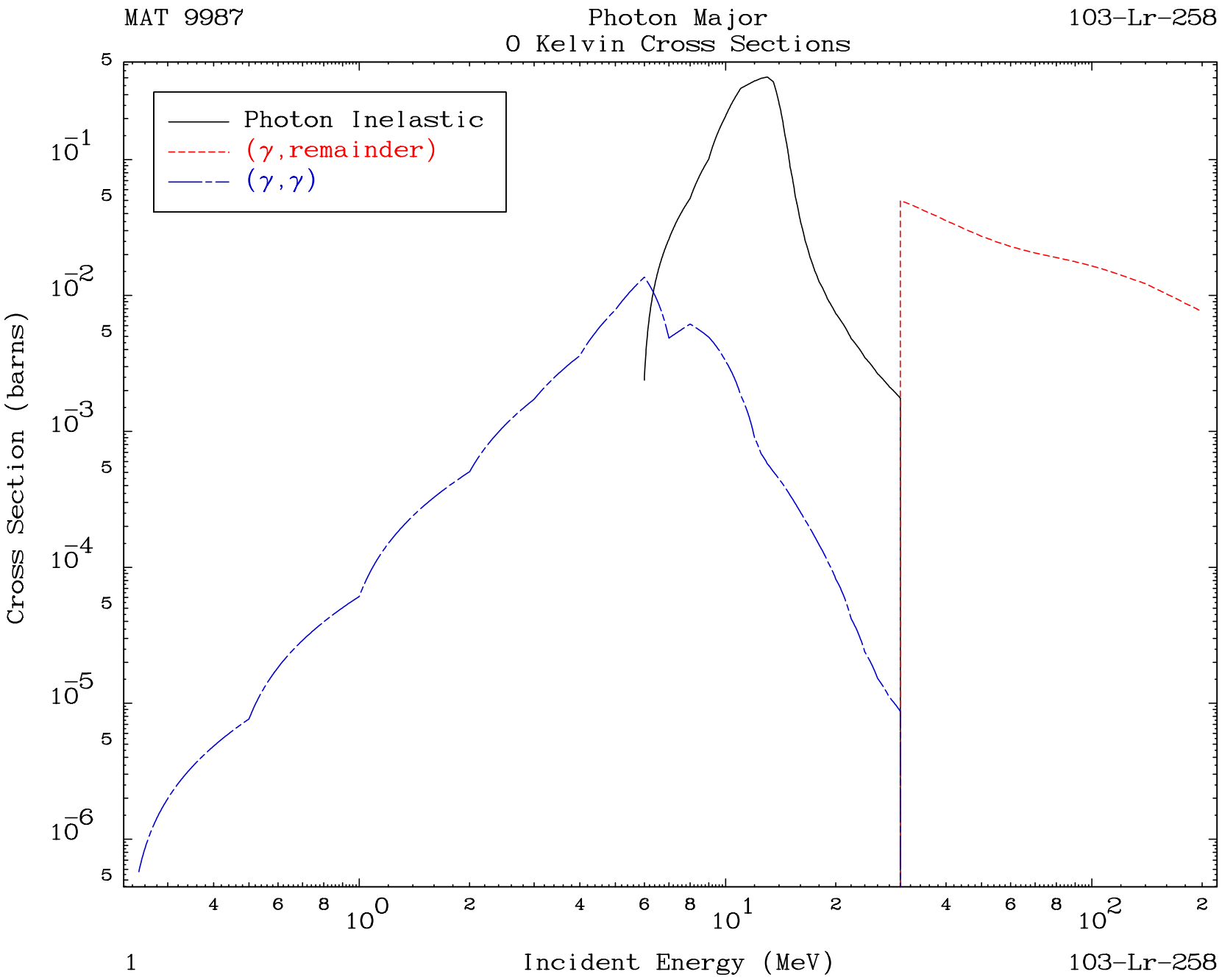
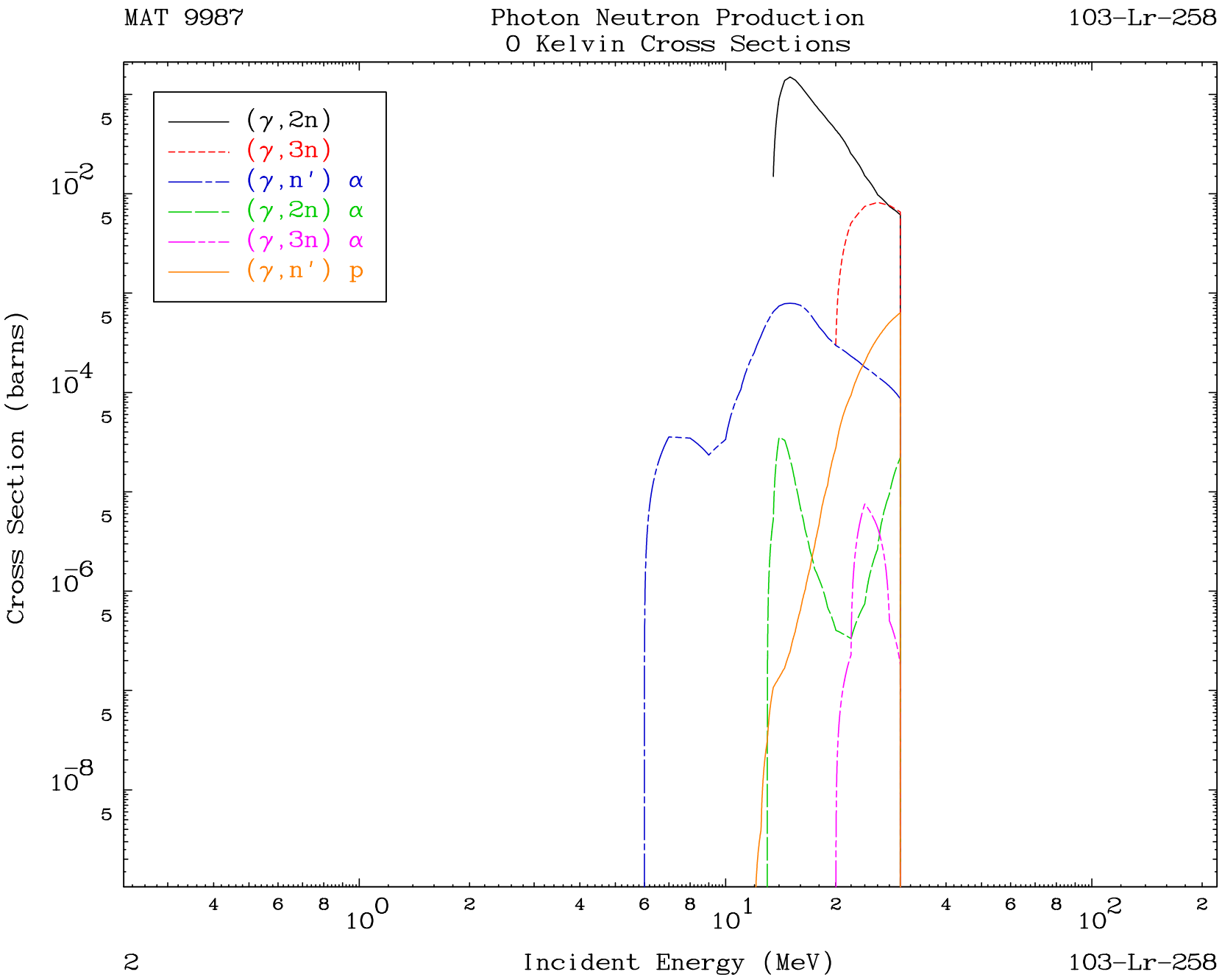
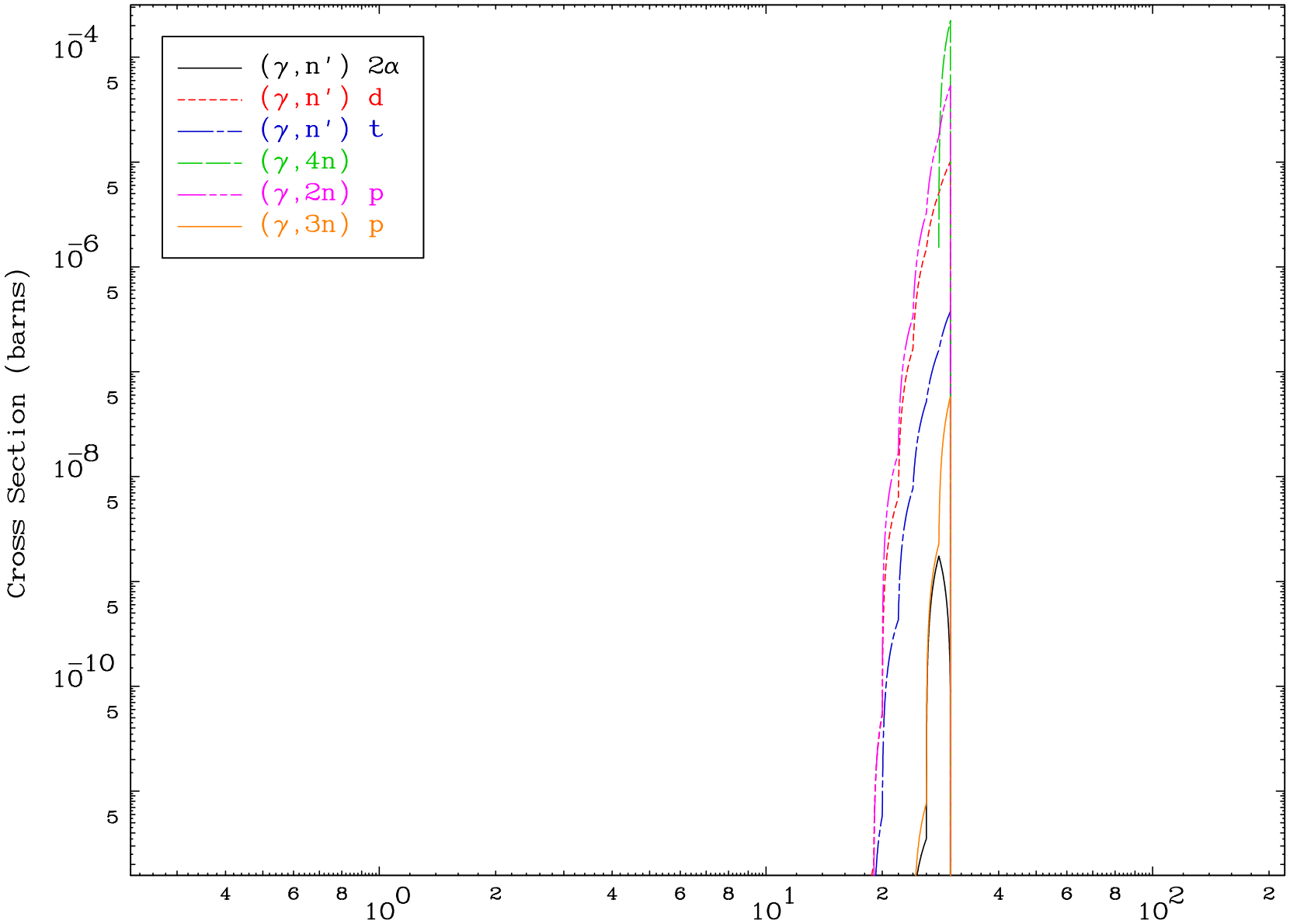
Program EVALPLOT
(Version 2018-1)
by
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

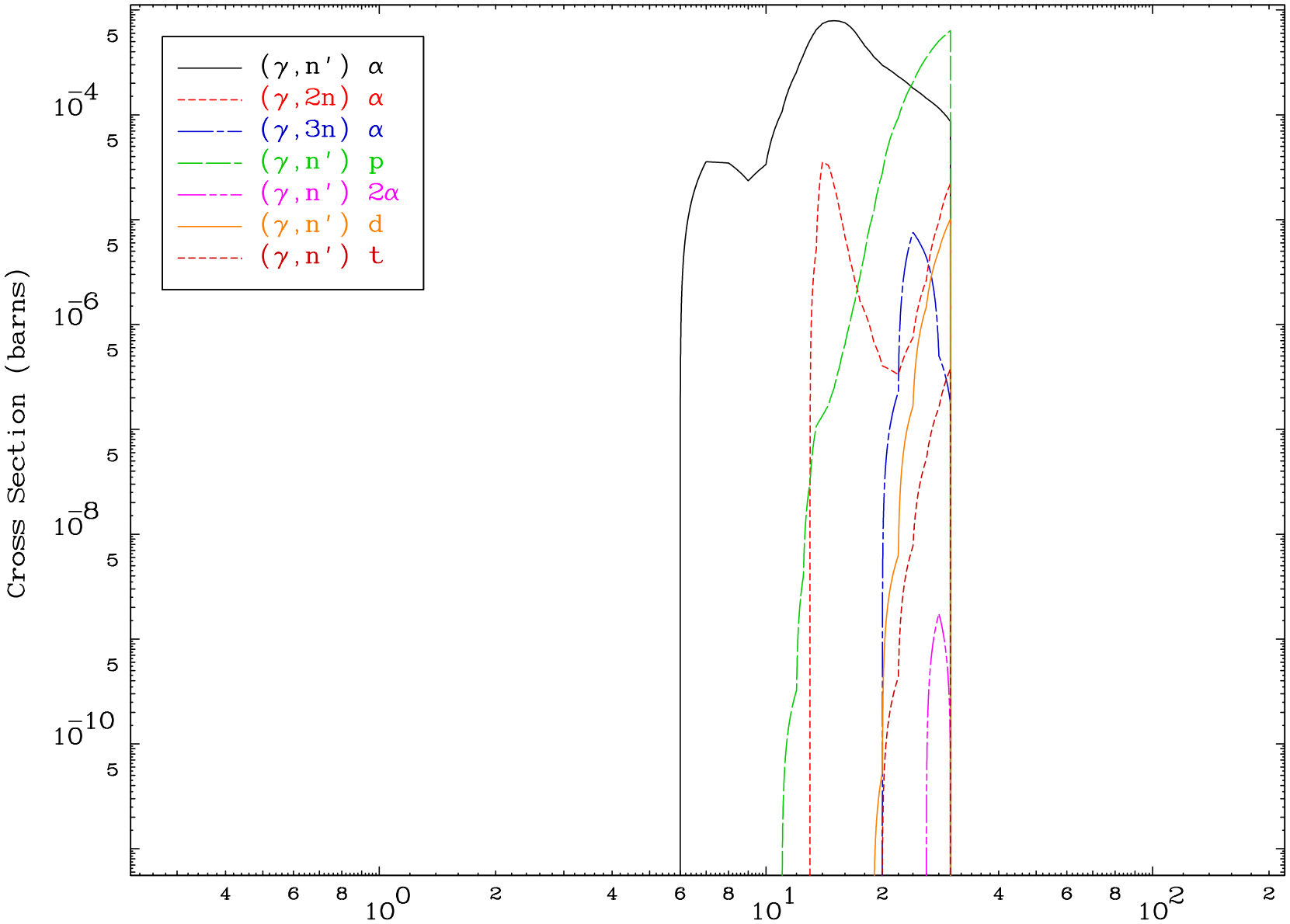

MAT 9987
Photon Major
0 Kelvin Cross Sections
103-Lr-258
Photon Inelastic
(γ,remainder)
(γ,γ)
Cross Section (barns)
Incident Energy (MeV)
103-Lr-258

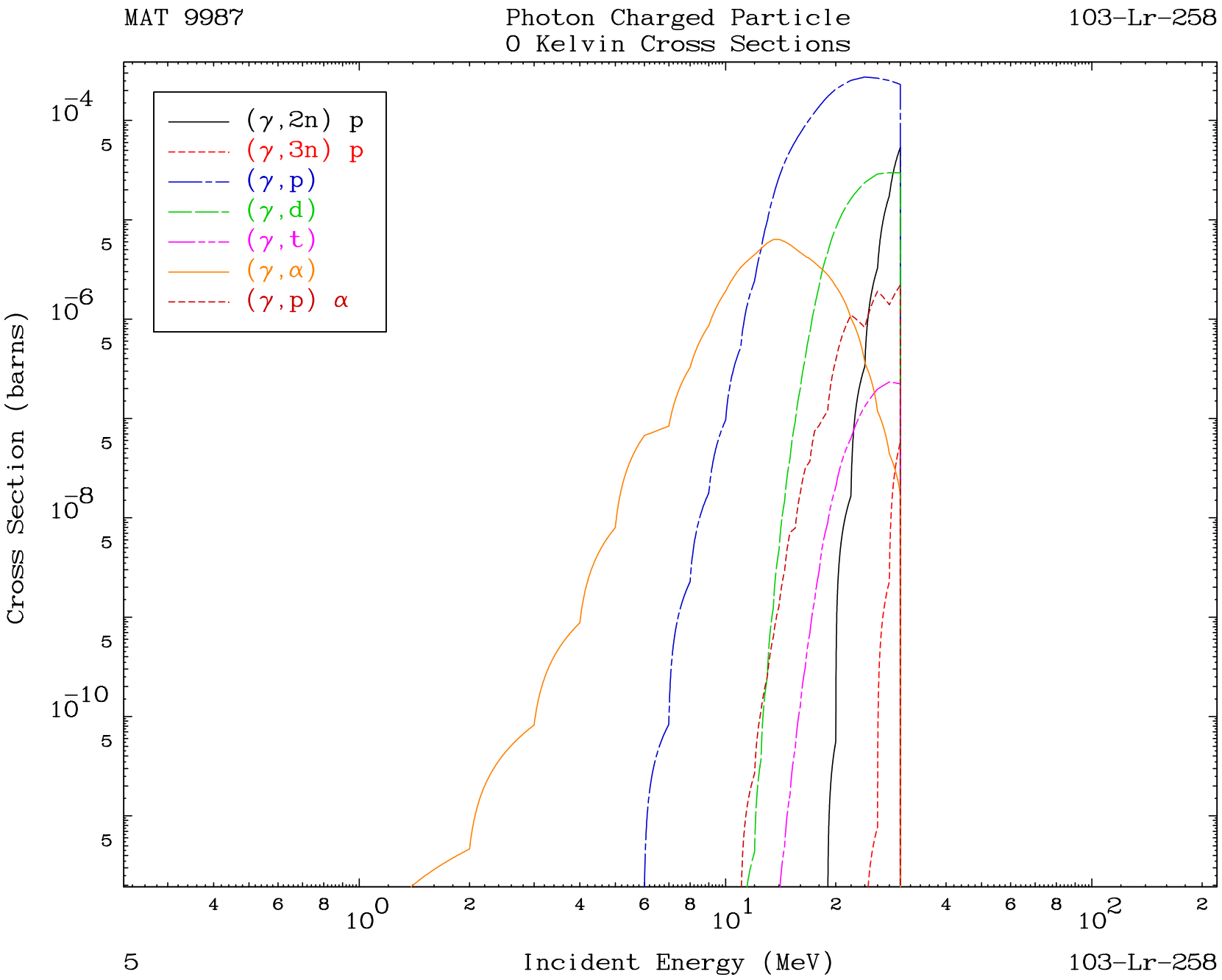

MAT 9987
Photon Neutron Production
0 Kelvin Cross Sections
103-Lr-258
(γ,2n)
(γ,3n)
(γ,n') α
(γ,2n) α
(γ,3n) α
(γ,n') p
Cross Section (barns)
Incident Energy (MeV)
2
103-Lr-258

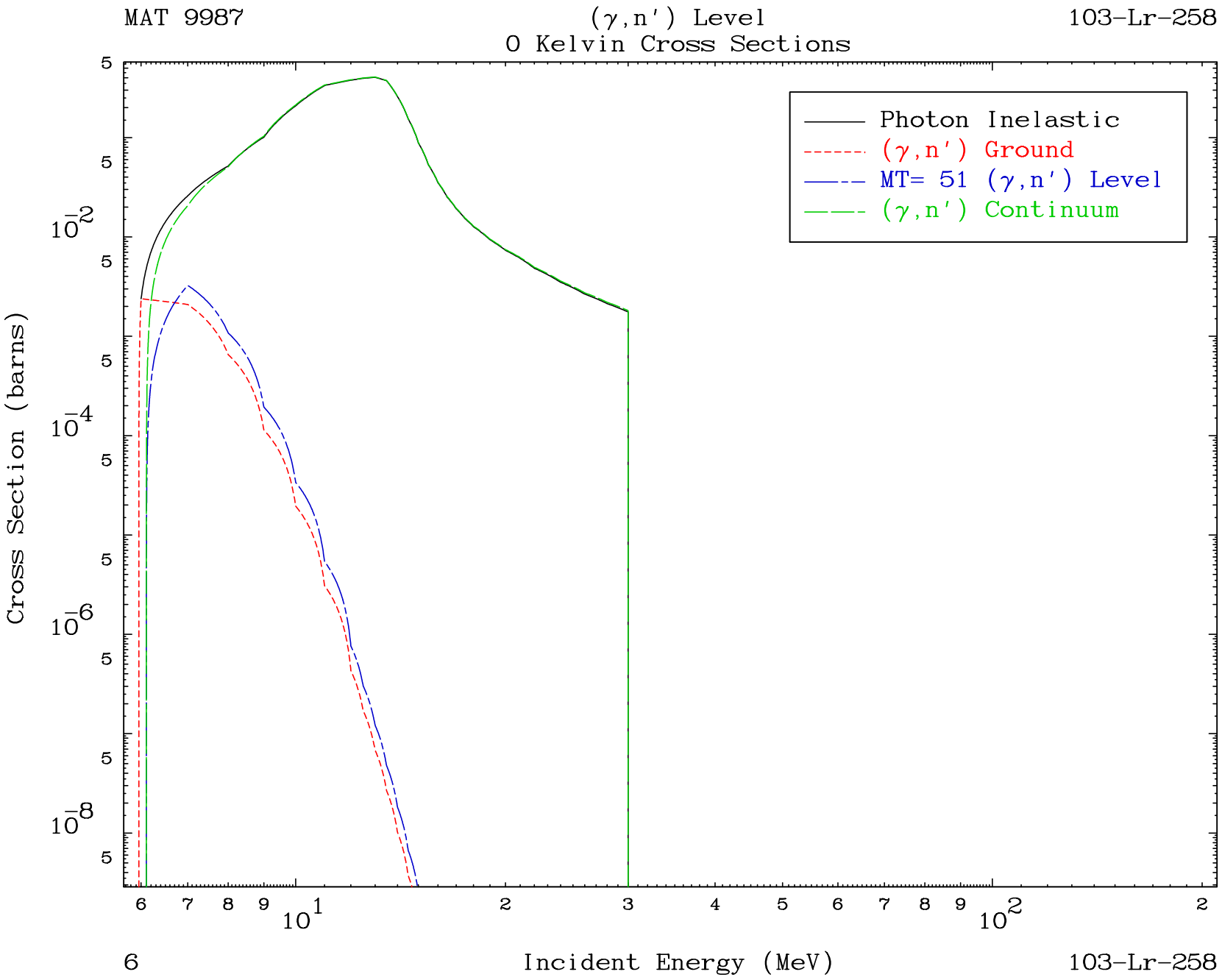
Photon Neutron Production
0 Kelvin Cross Sections



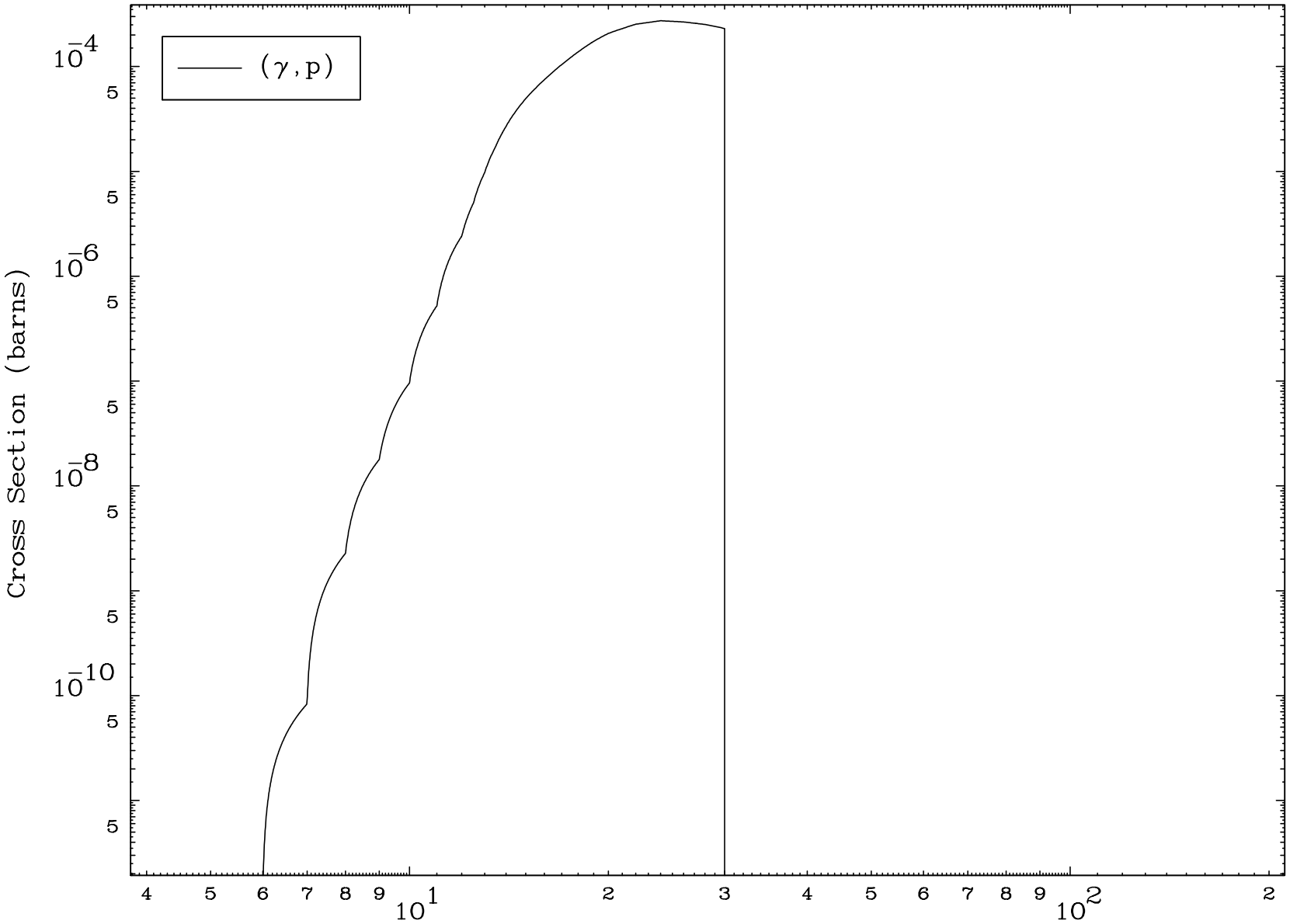
Photon Charged Particle
0 Kelvin Cross Sections



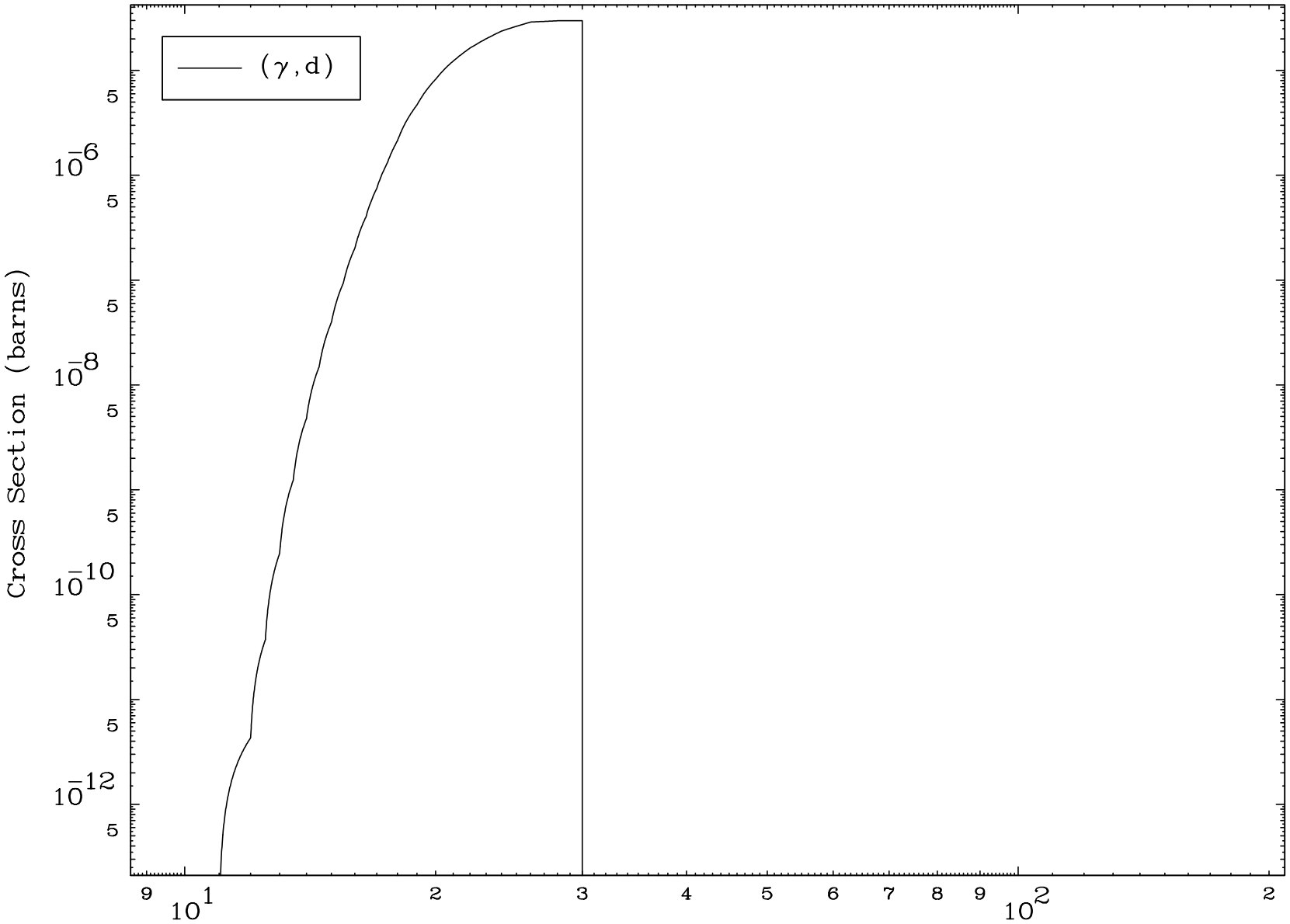

MAT 9987
Photon Charged Particle
0 Kelvin Cross Sections
103-Lr-258
(γ,2n) p
(γ,3n) p
(γ,p)
(γ,d)
(γ,t)
(γ,α)
(γ,p) α
Cross Section (barns)
Incident Energy (MeV)
5
103-Lr-258


MAT 9987
(γ,n') Level
0 Kelvin Cross Sections
103-Lr-258
Photon Inelastic
(γ,n') Ground
MT= 51 (γ,n') Level
(γ,n') Continuum
Cross Section (barns)
Incident Energy (MeV)
6
103-Lr-258

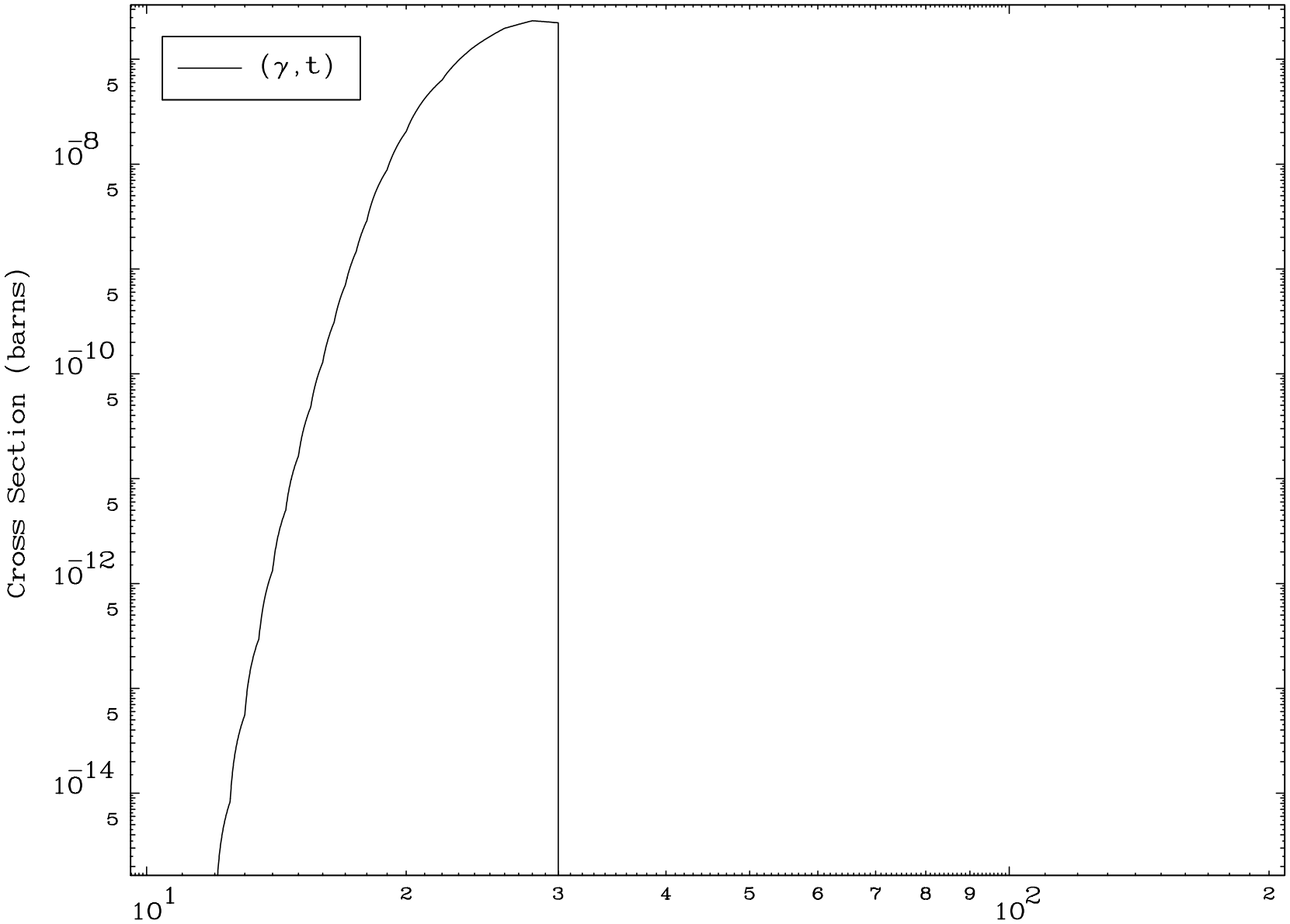
(γ,p) Levels
0 Kelvin Cross Sections

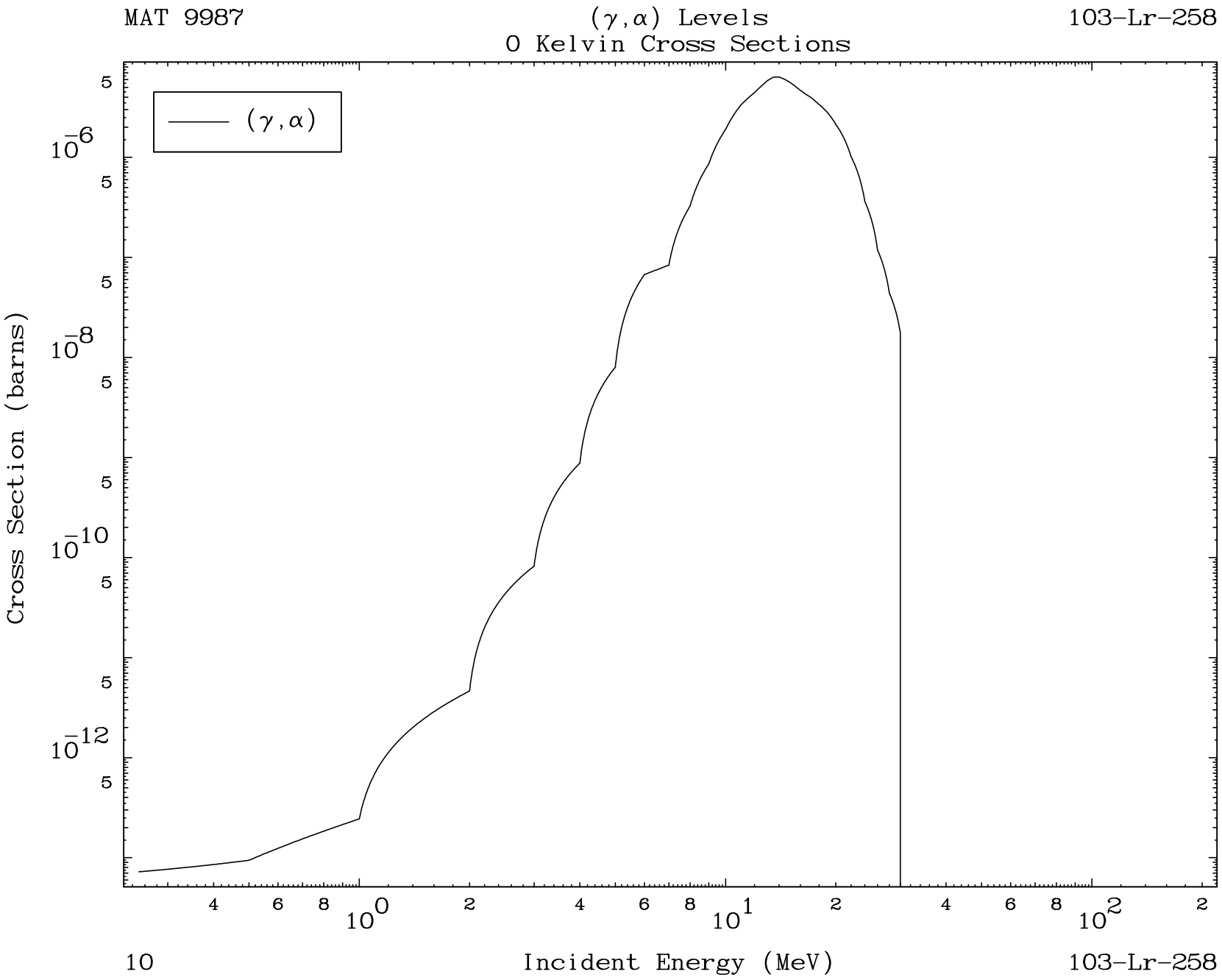


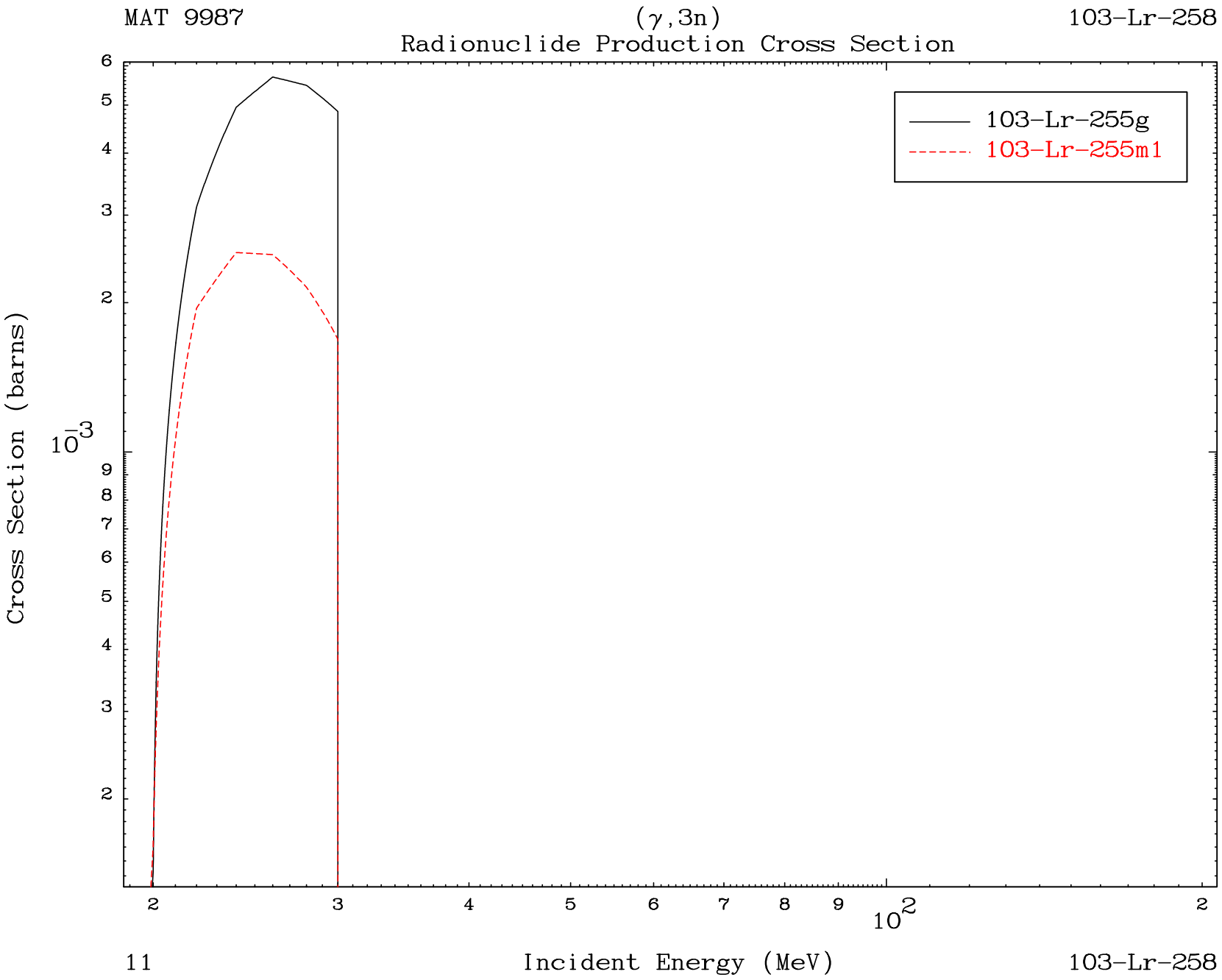
(γ,d) Levels
0 Kelvin Cross Sections



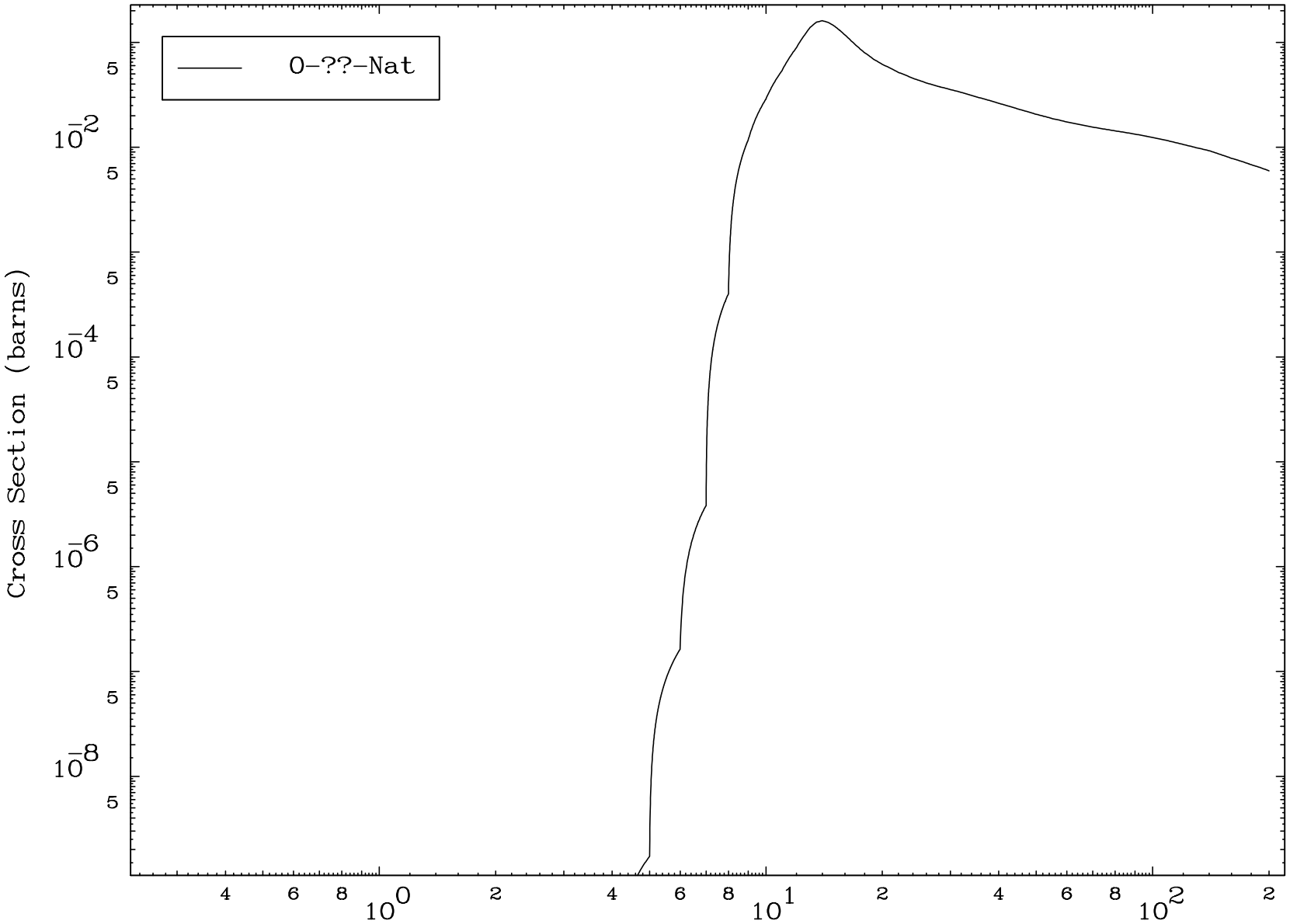
0 Kelvin Cross Sections

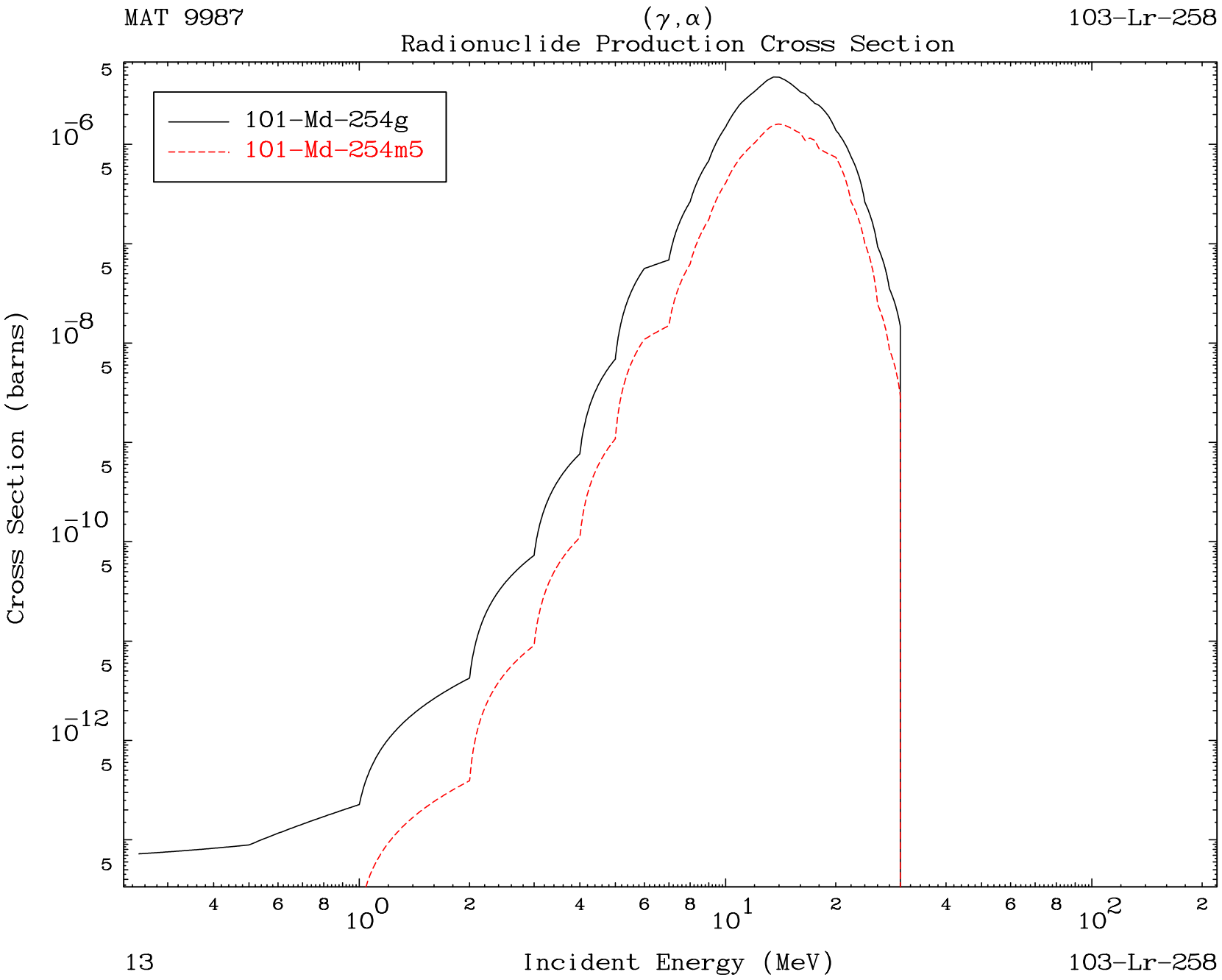



MAT 9987
(γ,α) Levels
0 Kelvin Cross Sections
103-Lr-258
(γ,α)
Cross Section (barns)
Incident Energy (MeV)
10
103-Lr-258


MAT 9987
(γ,3n)
103-Lr-258
Radionuclide Production Cross Section
103-Lr-255g
103-Lr-255m1
Cross Section (barns)
Incident Energy (MeV)
11
103-Lr-258

Radionuclide Production Cross Section




MAT 9987
(γ,α)
103-Lr-258
Radionuclide Production Cross Section
101-Md-254g
101-Md-254m5
Cross Section (barns)
Incident Energy (MeV)
13
103-Lr-258