

Program EVALPLOT
(Version 2021-1)

by

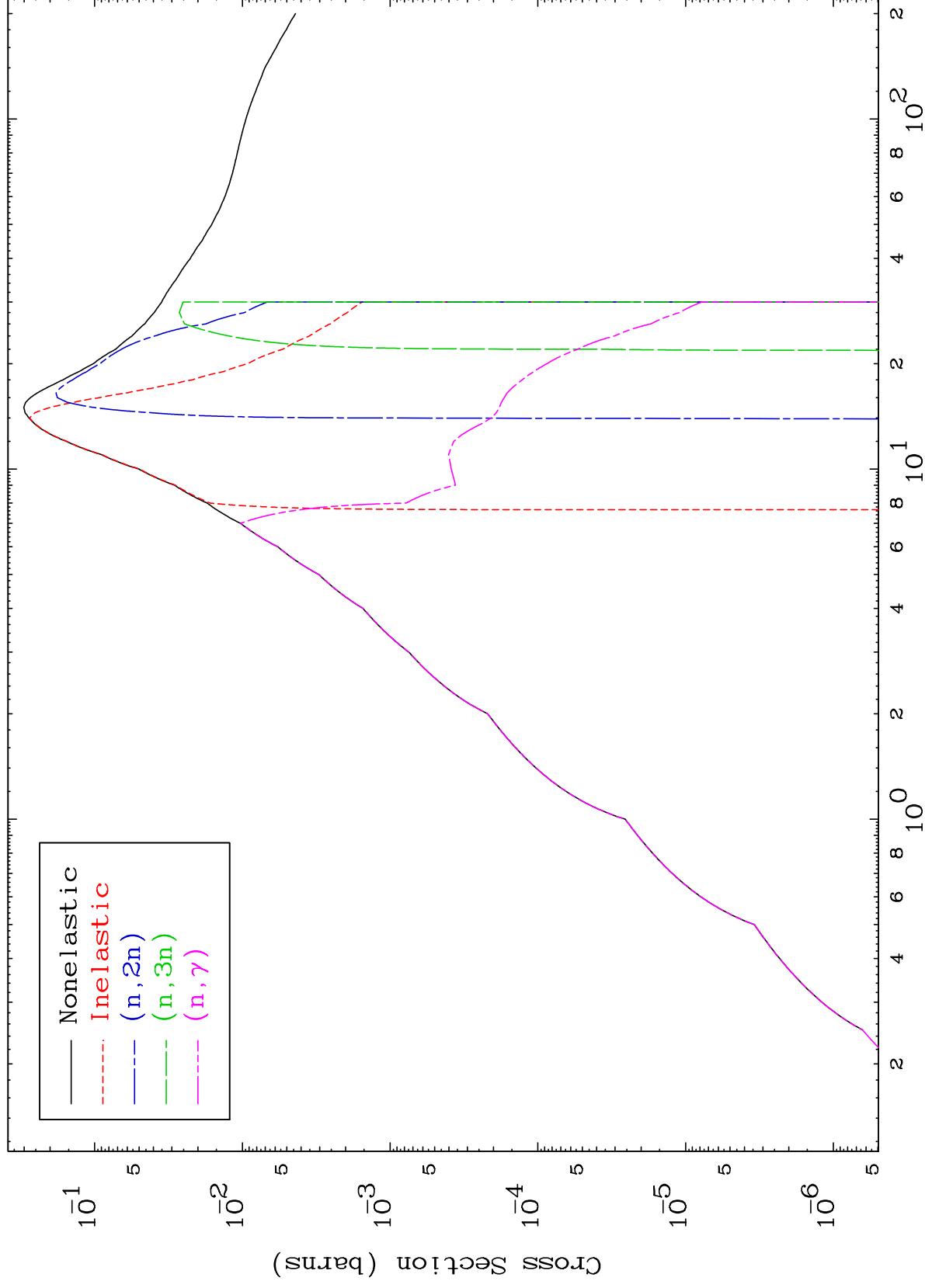
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

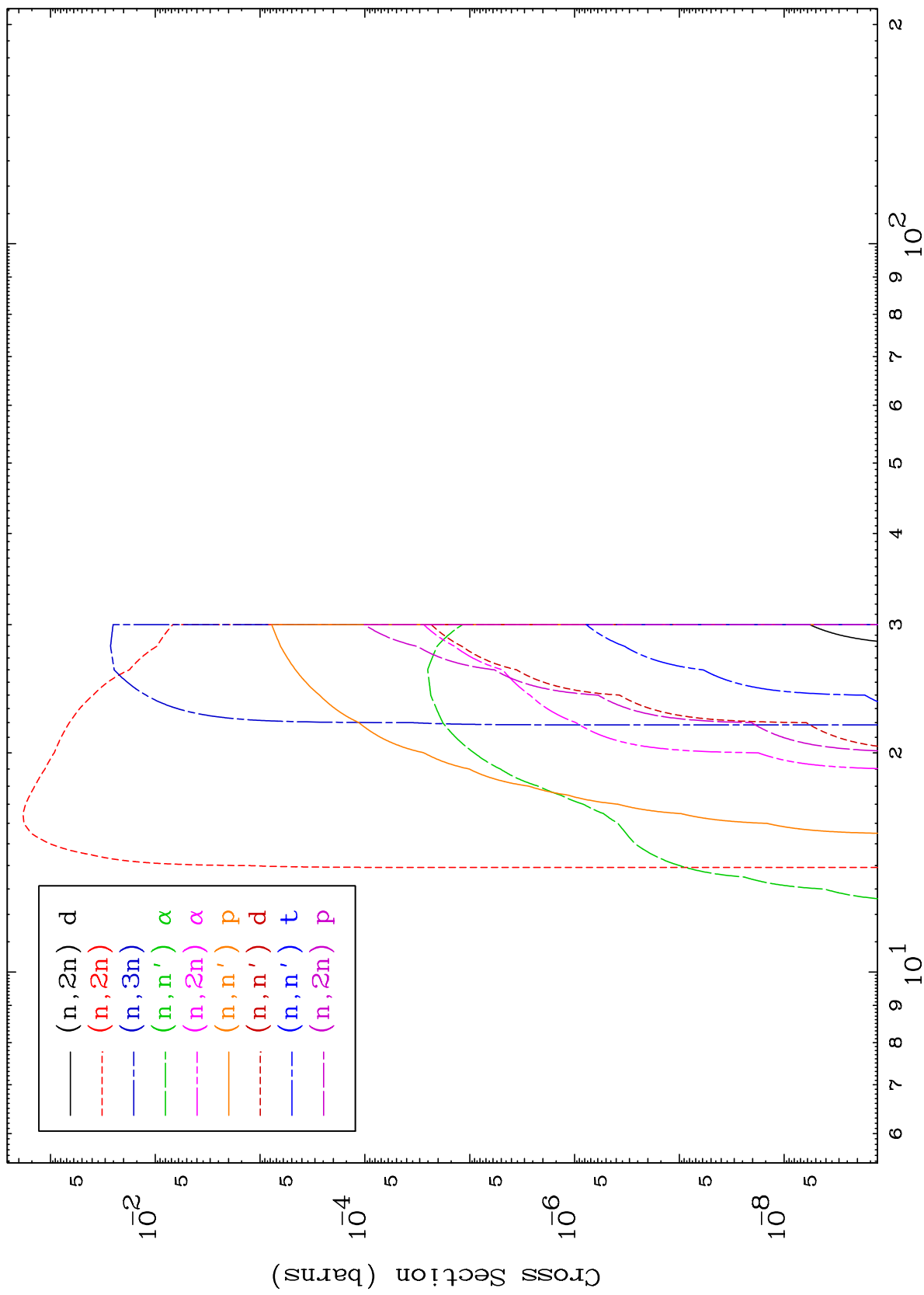
0 Kelvin Cross Sections



MAT 6149

Photon Neutron Absorption
0 Kelvin Cross Sections

61-Pm-147



2

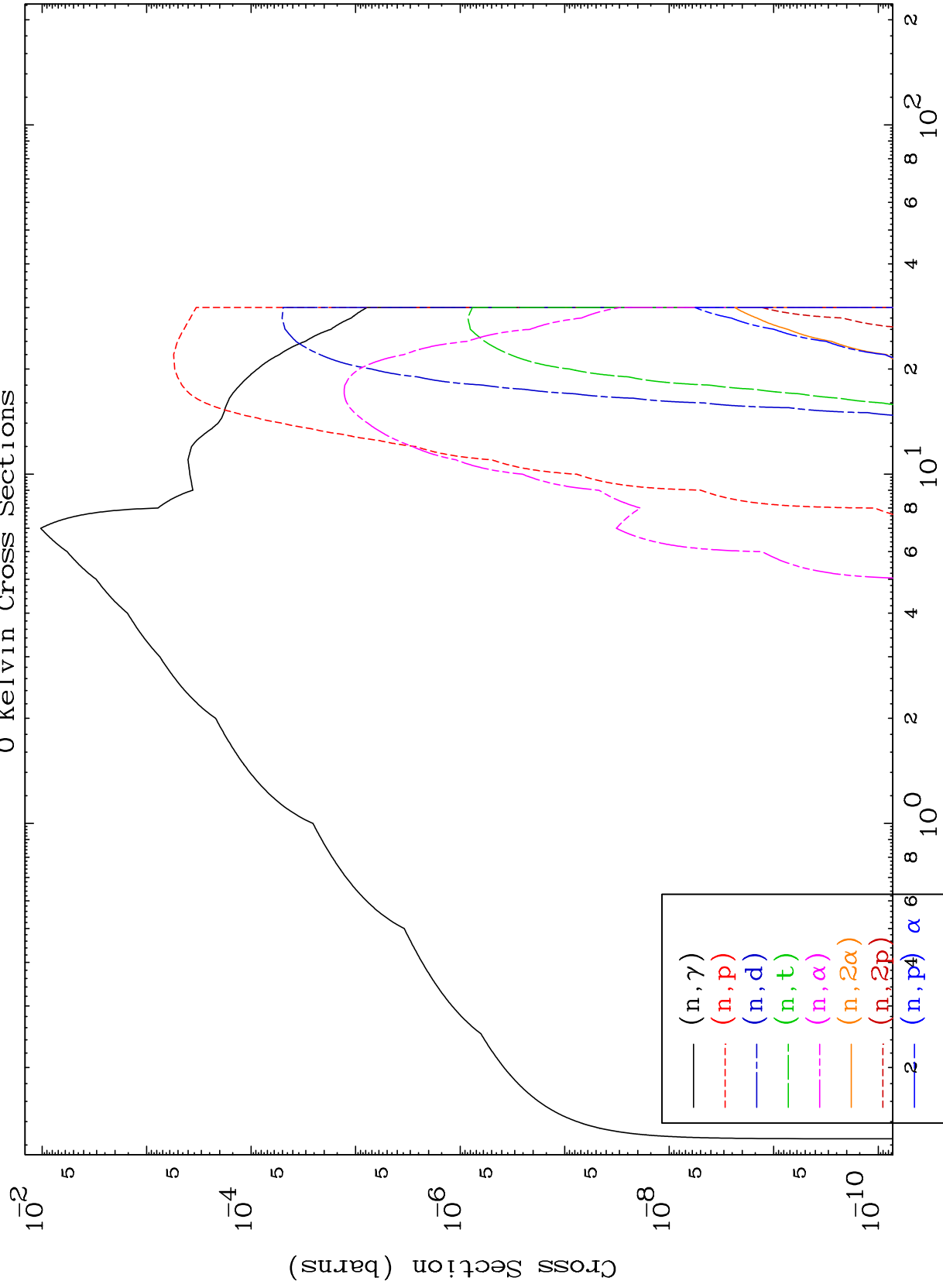
Incident Energy (MeV)

61-Pm-147

MAT 6149

Photon Neutron Absorption
0 Kelvin Cross Sections

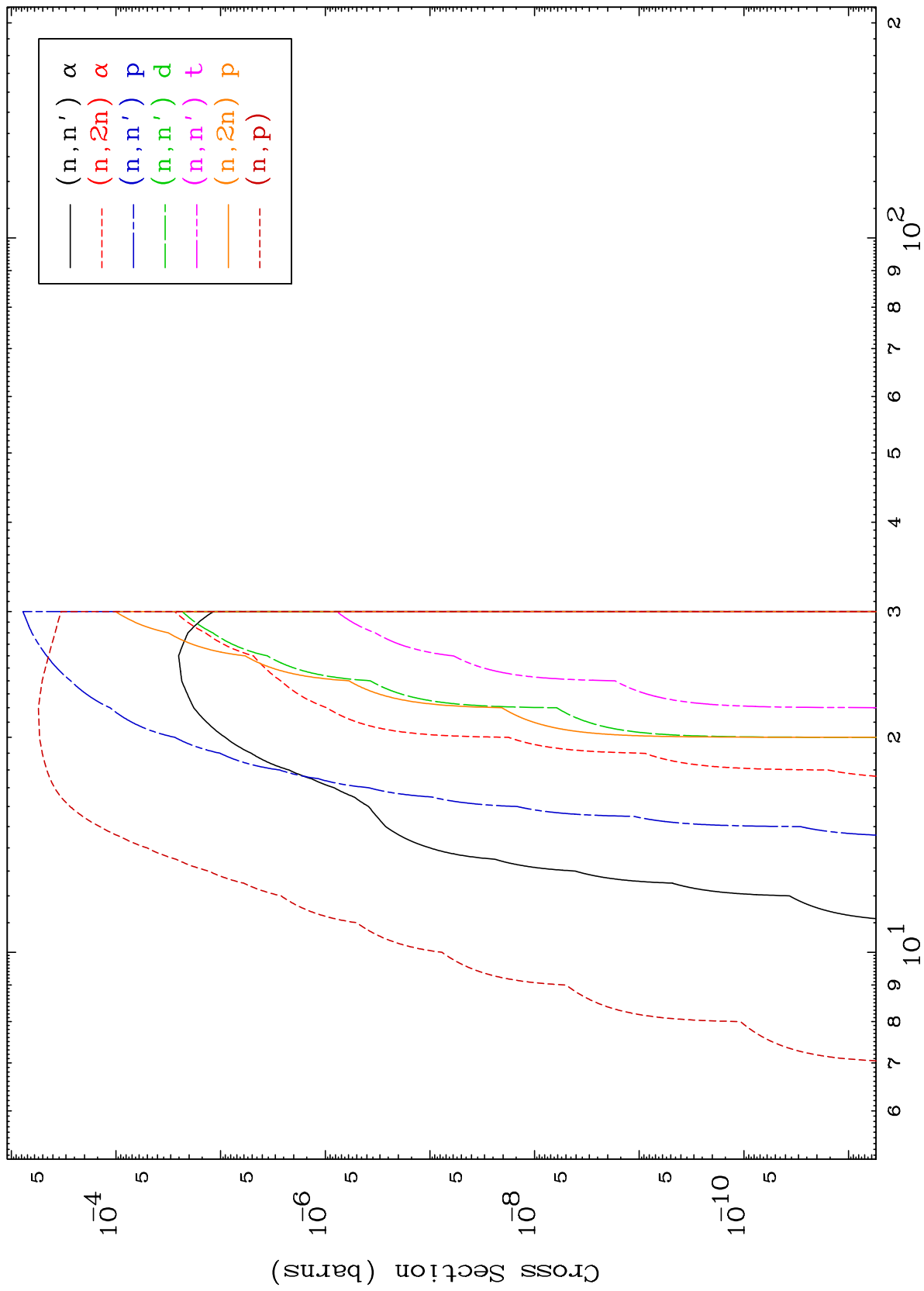
61-Pm-147



3

Incident Energy (MeV)

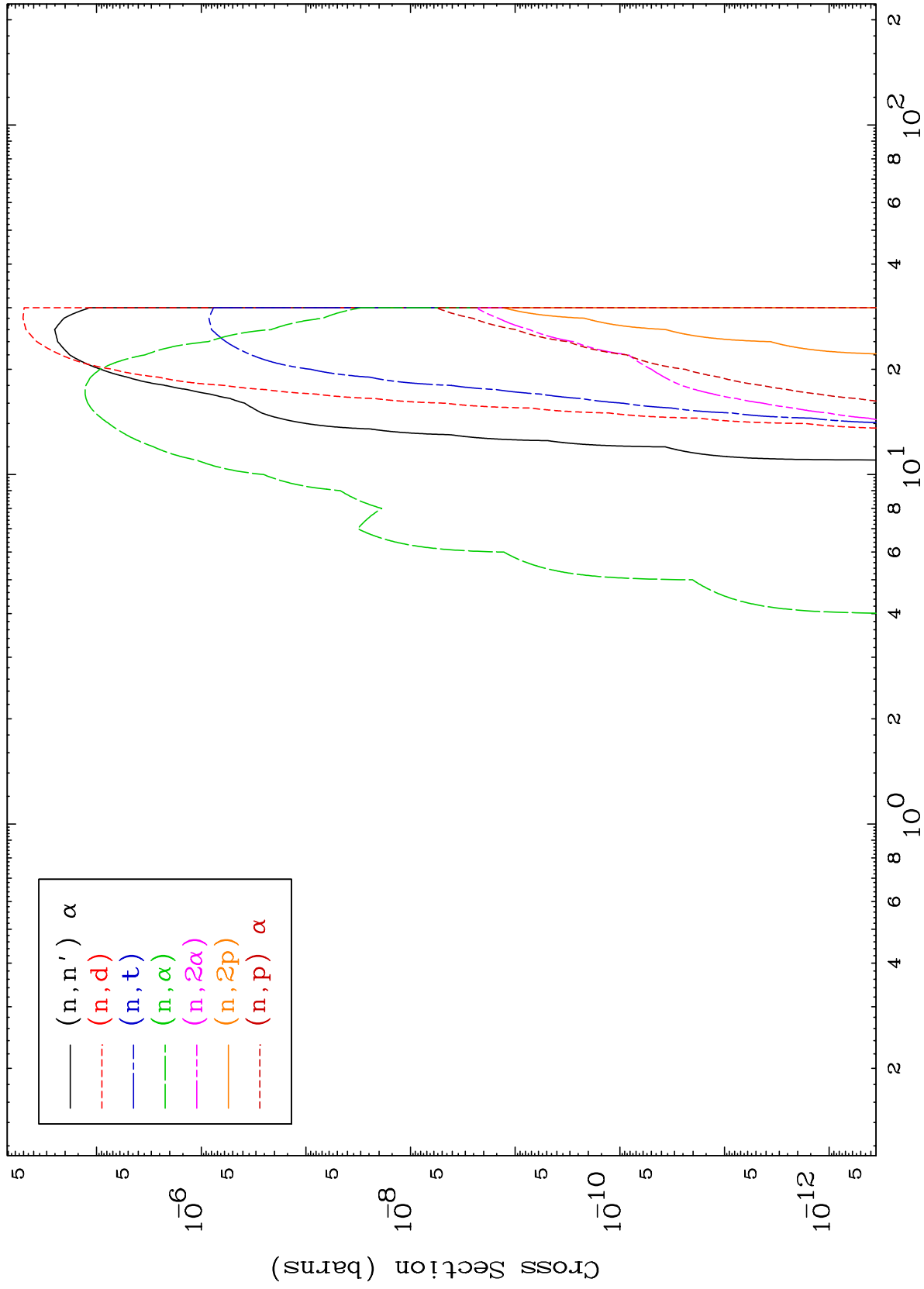
61-Pm-147



MAT 6149

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-147



5

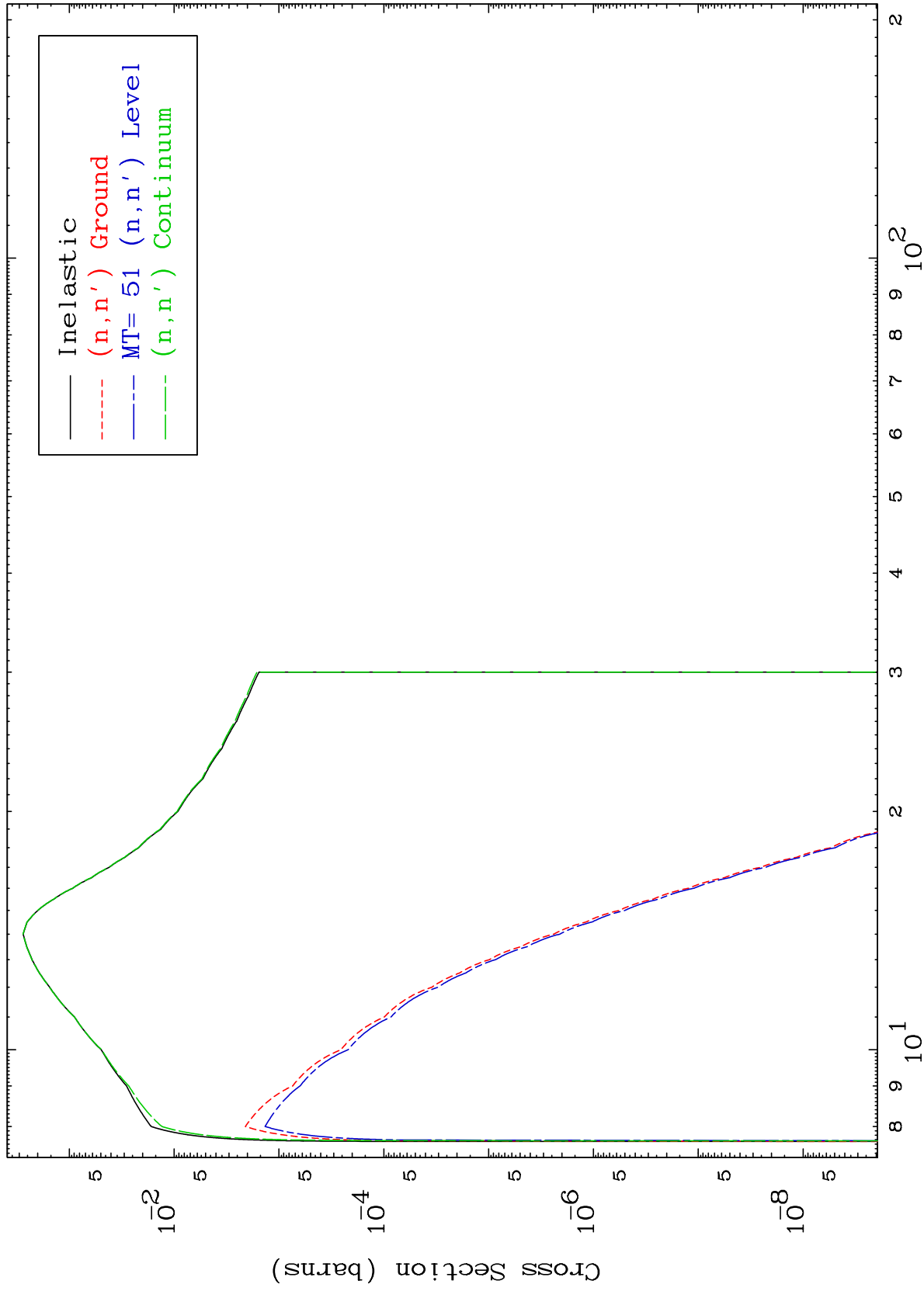
Incident Energy (MeV)

61-Pm-147

MAT 6149

(γ, n') Levels
0 Kelvin Cross Sections

61-Pm-147



6

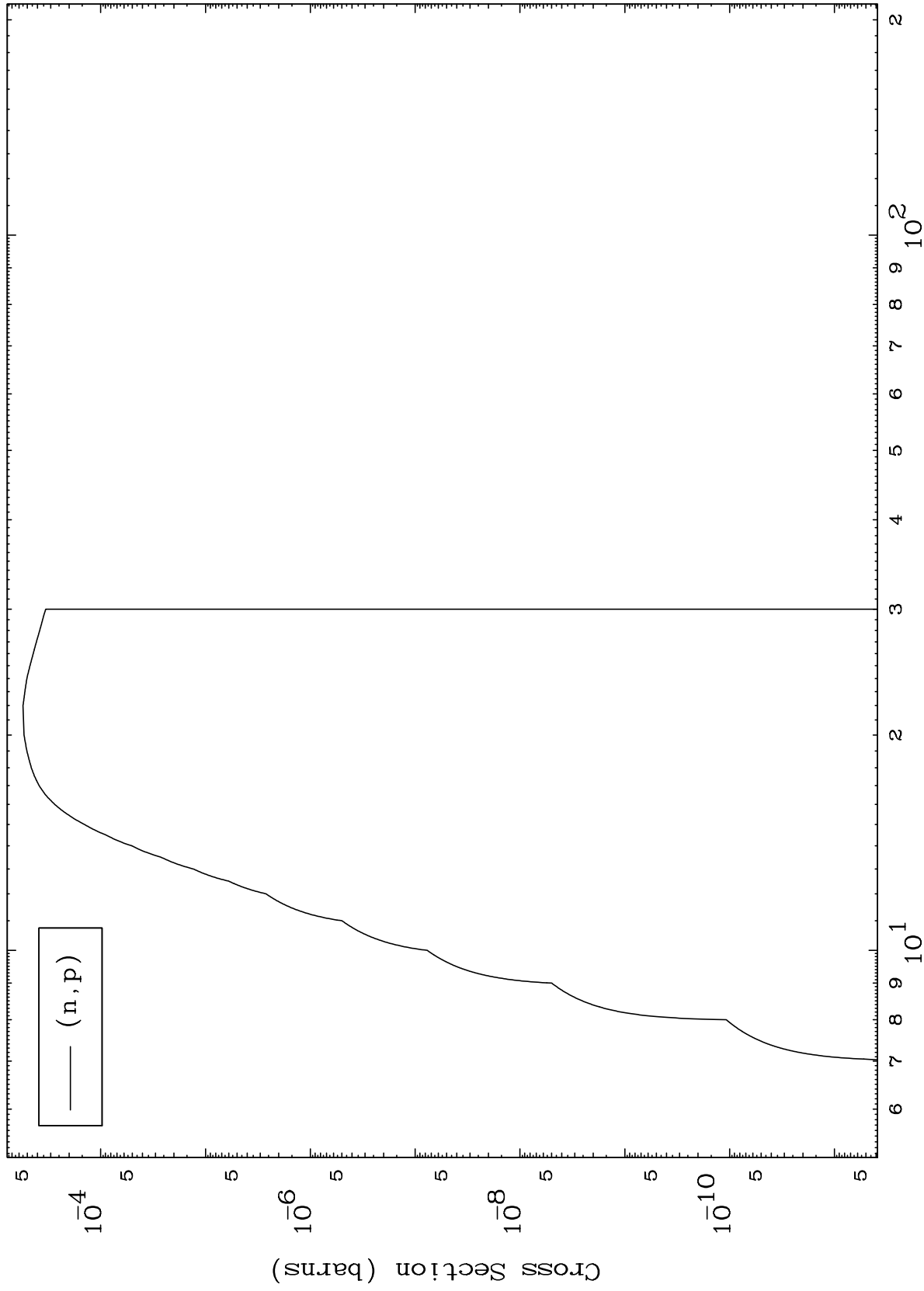
Incident Energy (MeV)

61-Pm-147

MAT 6149

61-Pm-147

(γ ,p) Levels
0 Kelvin Cross Sections



7

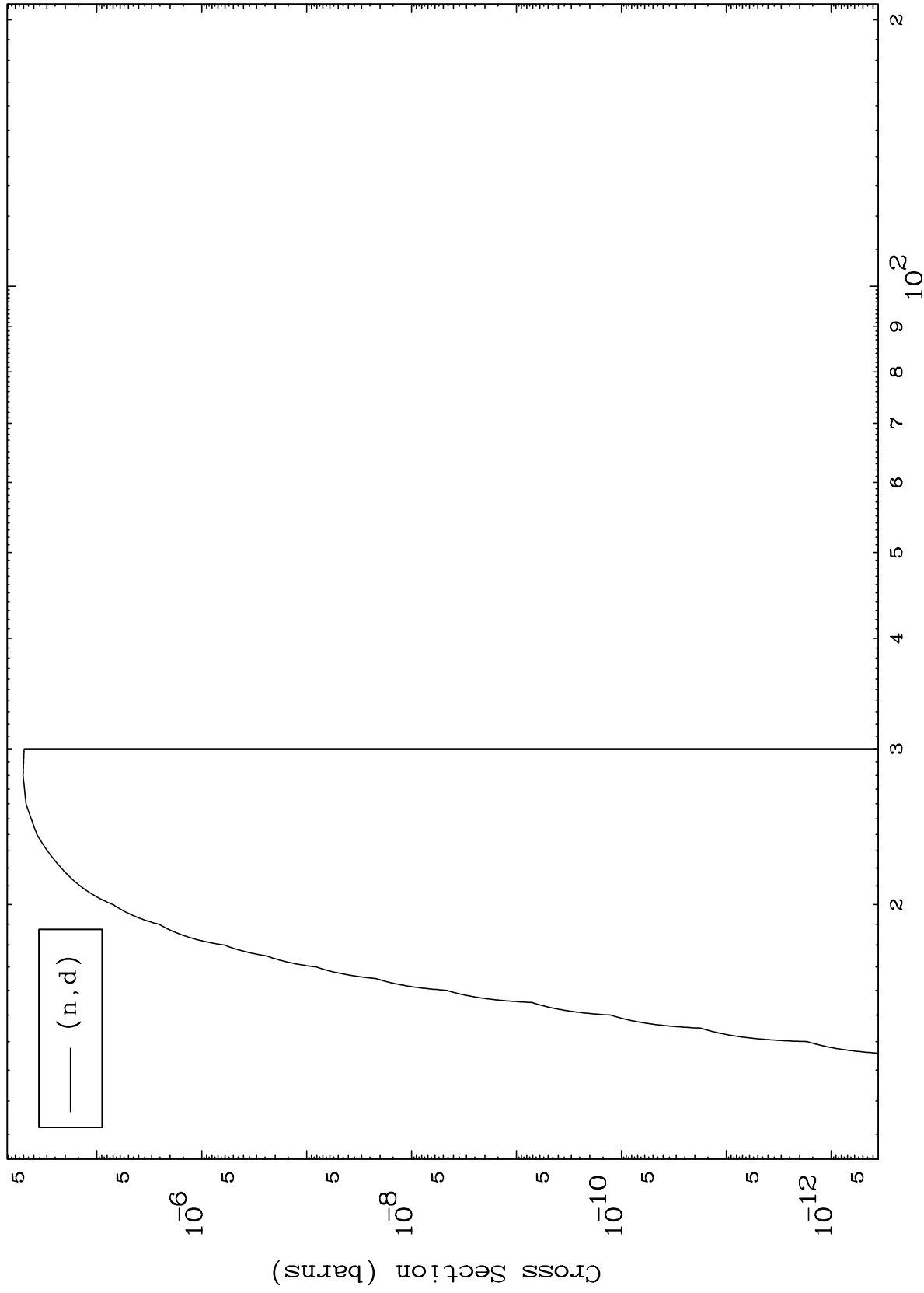
Incident Energy (MeV)

61-Pm-147

MAT 6149

61-Pm-147

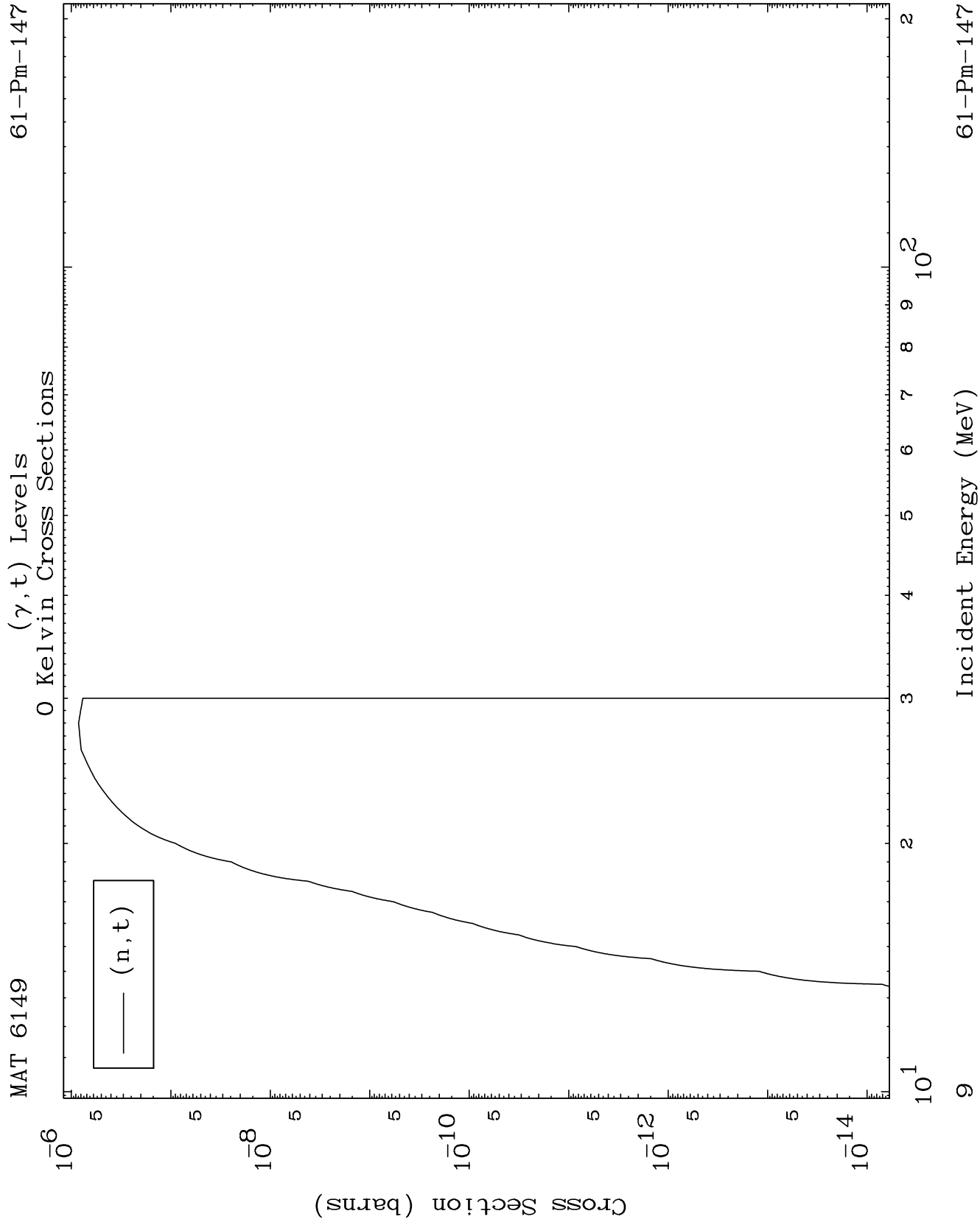
(γ, d) Levels
0 Kelvin Cross Sections



8

61-Pm-147

Incident Energy (MeV)

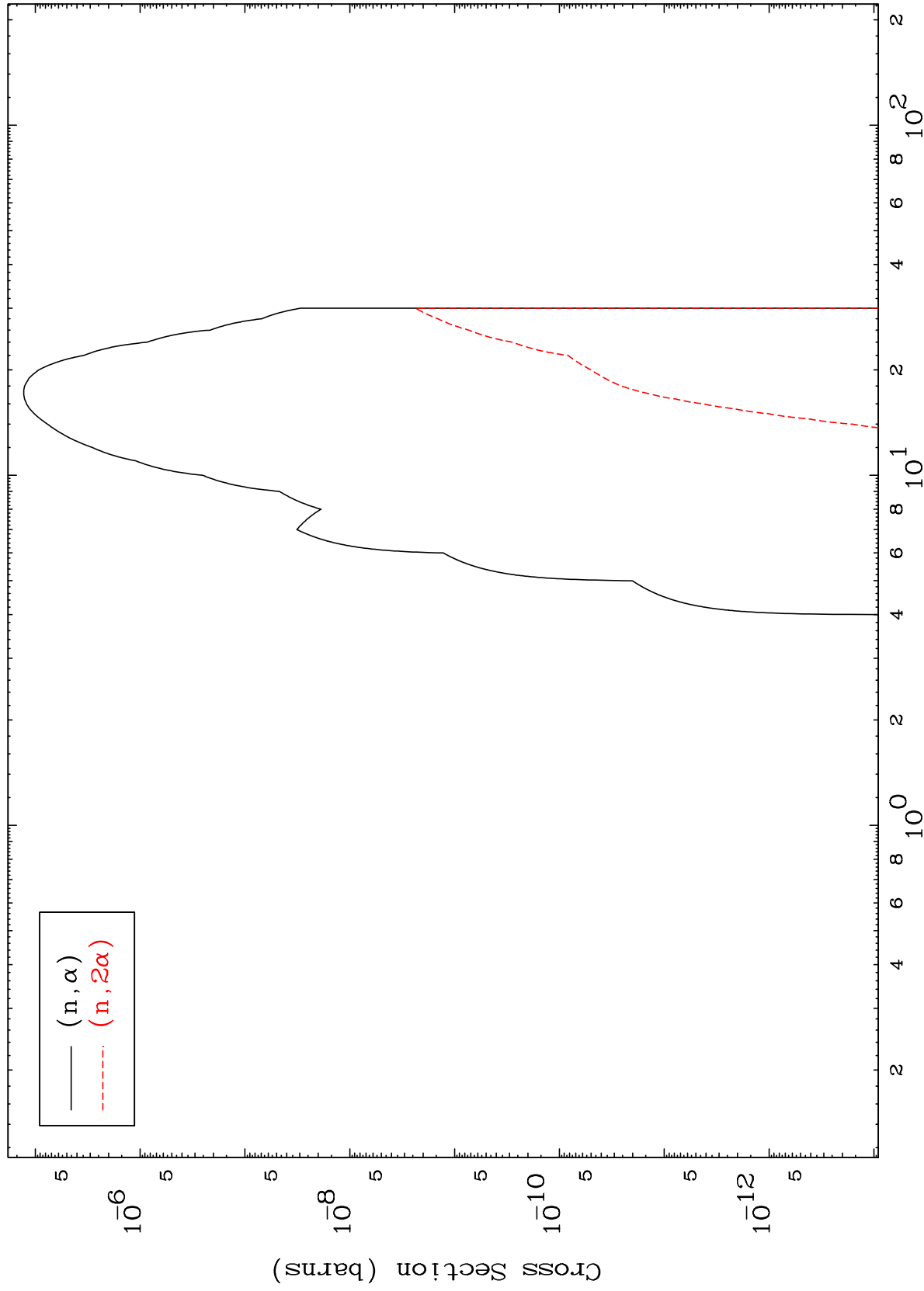


MAT 6149

(γ, α) Levels

61-Pm-147

0 Kelvin Cross Sections



10

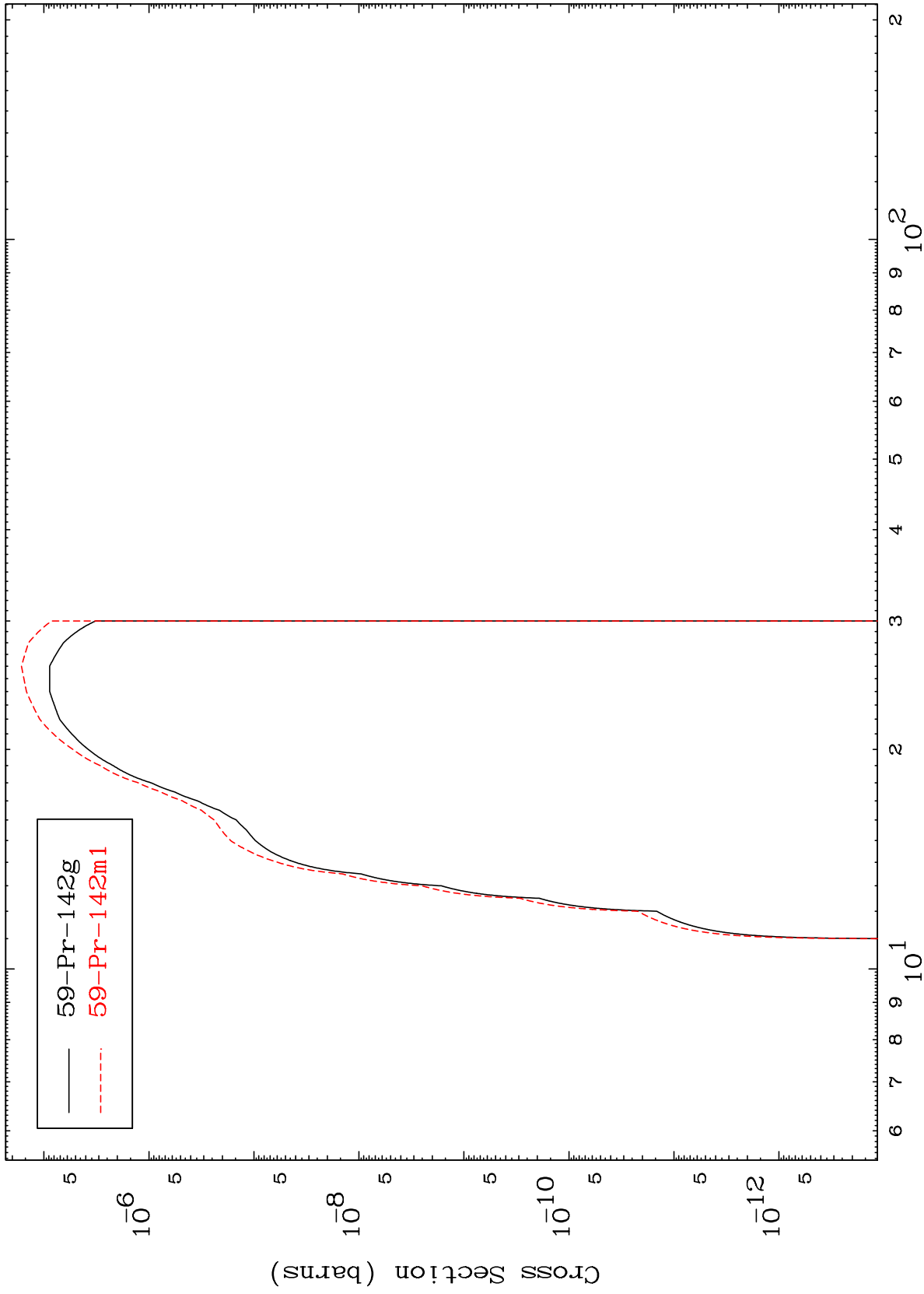
Incident Energy (MeV)

61-Pm-147

MAT 6149

61-Pm-147

$(n,n') \alpha$
Radionuclide Production Cross Section



11

Incident Energy (MeV)

61-Pm-147