

Program EVALPLOT
(Version 2017-1)

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

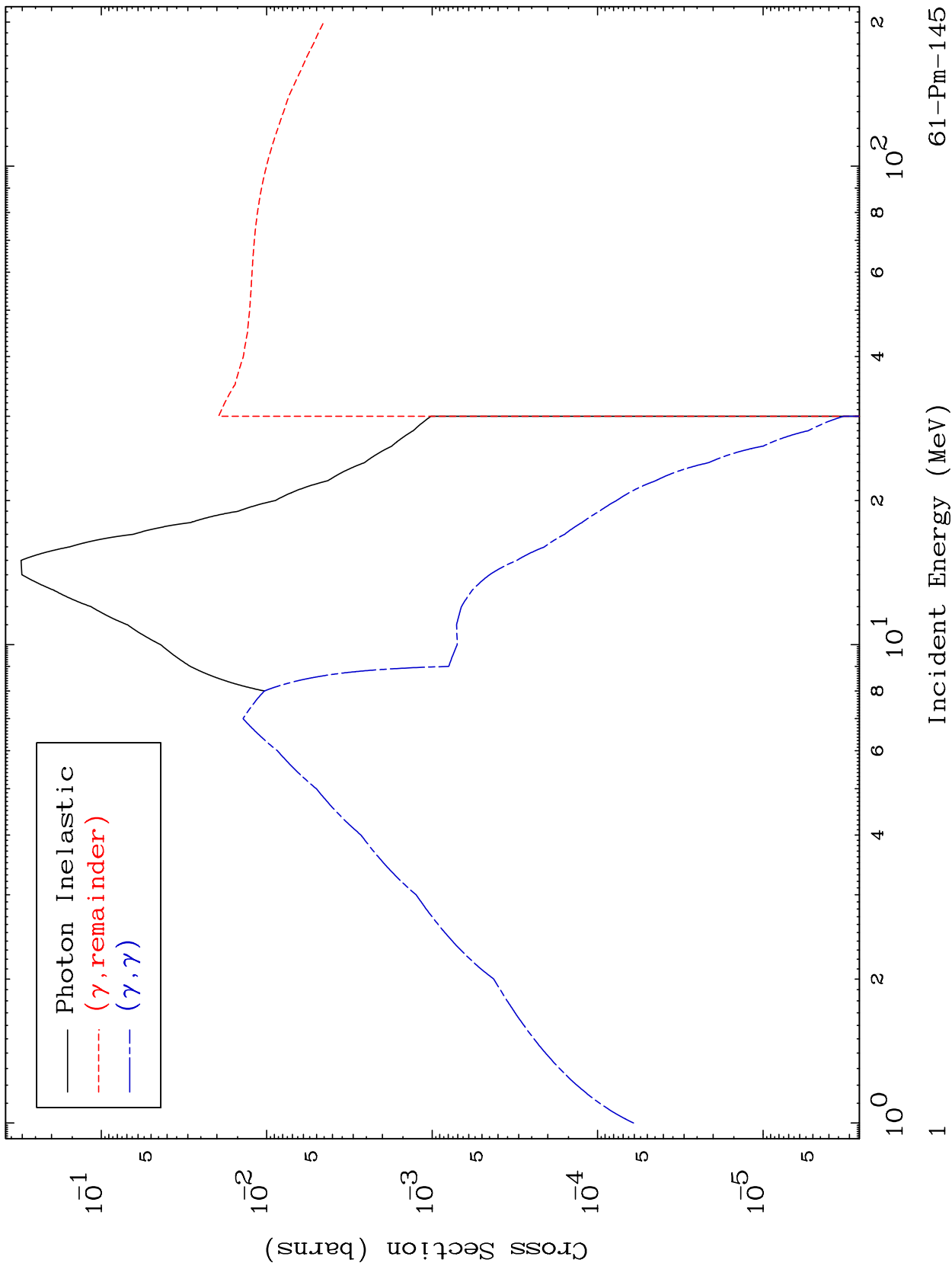
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6143

Photon Major
0 Kelvin Cross Sections

61-Pm-145



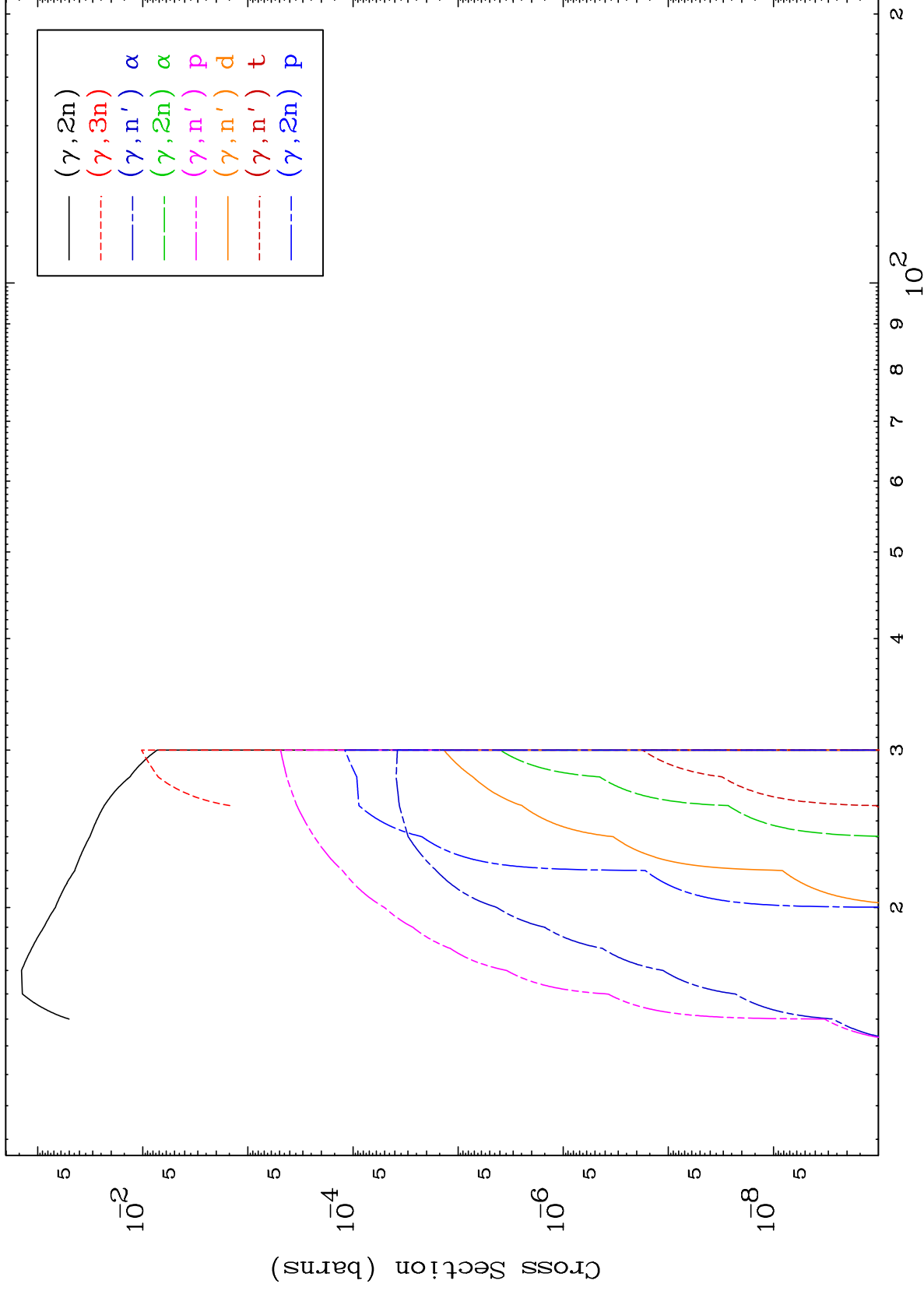
Incident Energy (MeV)

61-Pm-145

MAT 6143

Photon Neutron Production
0 Kelvin Cross Sections

61-Pm-145



2

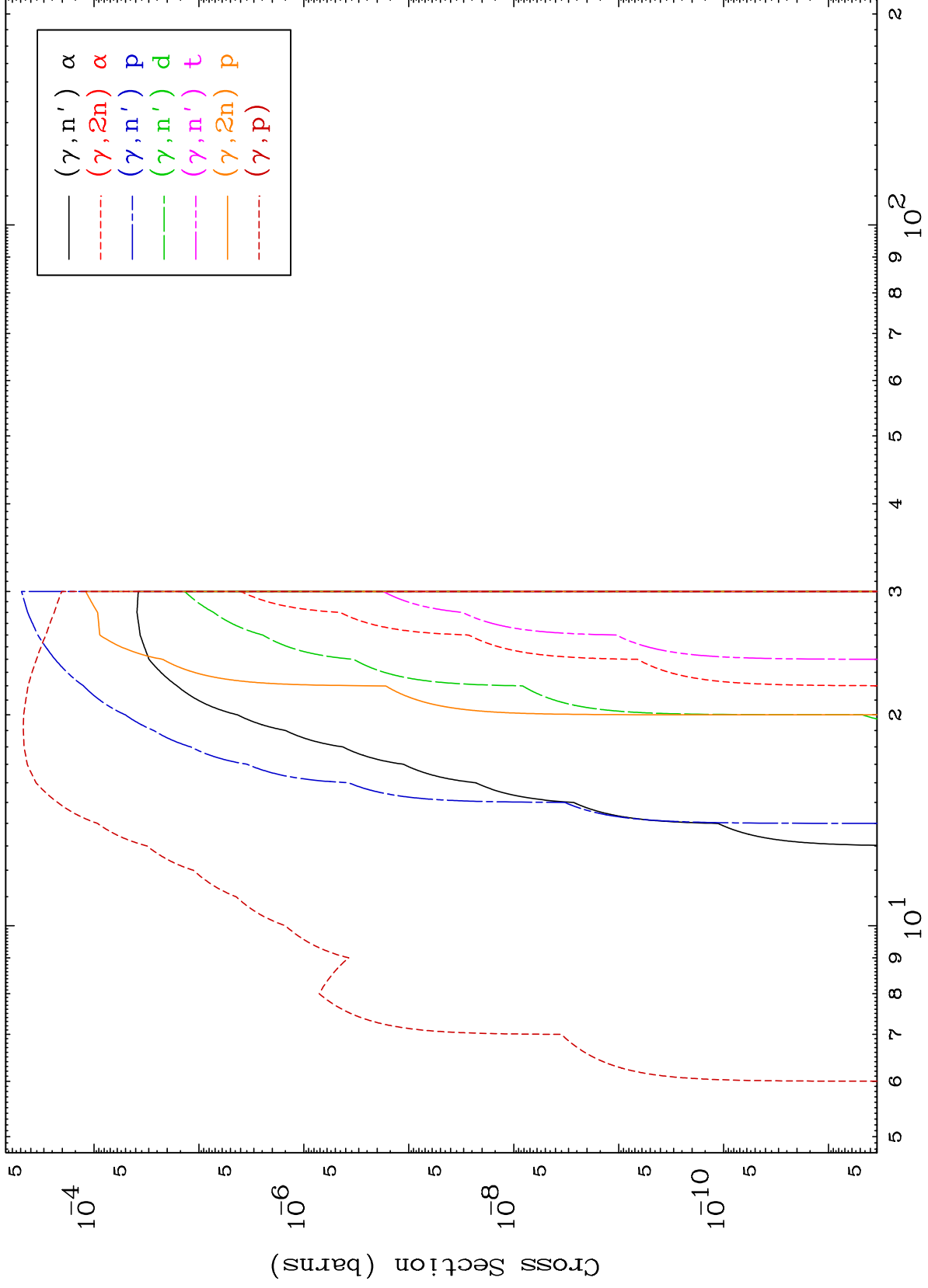
Incident Energy (MeV)

61-Pm-145

MAT 6143

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-145



3

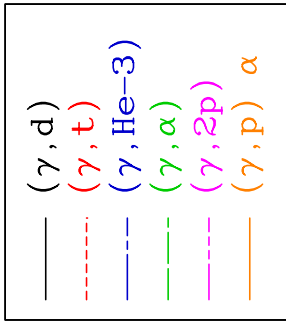
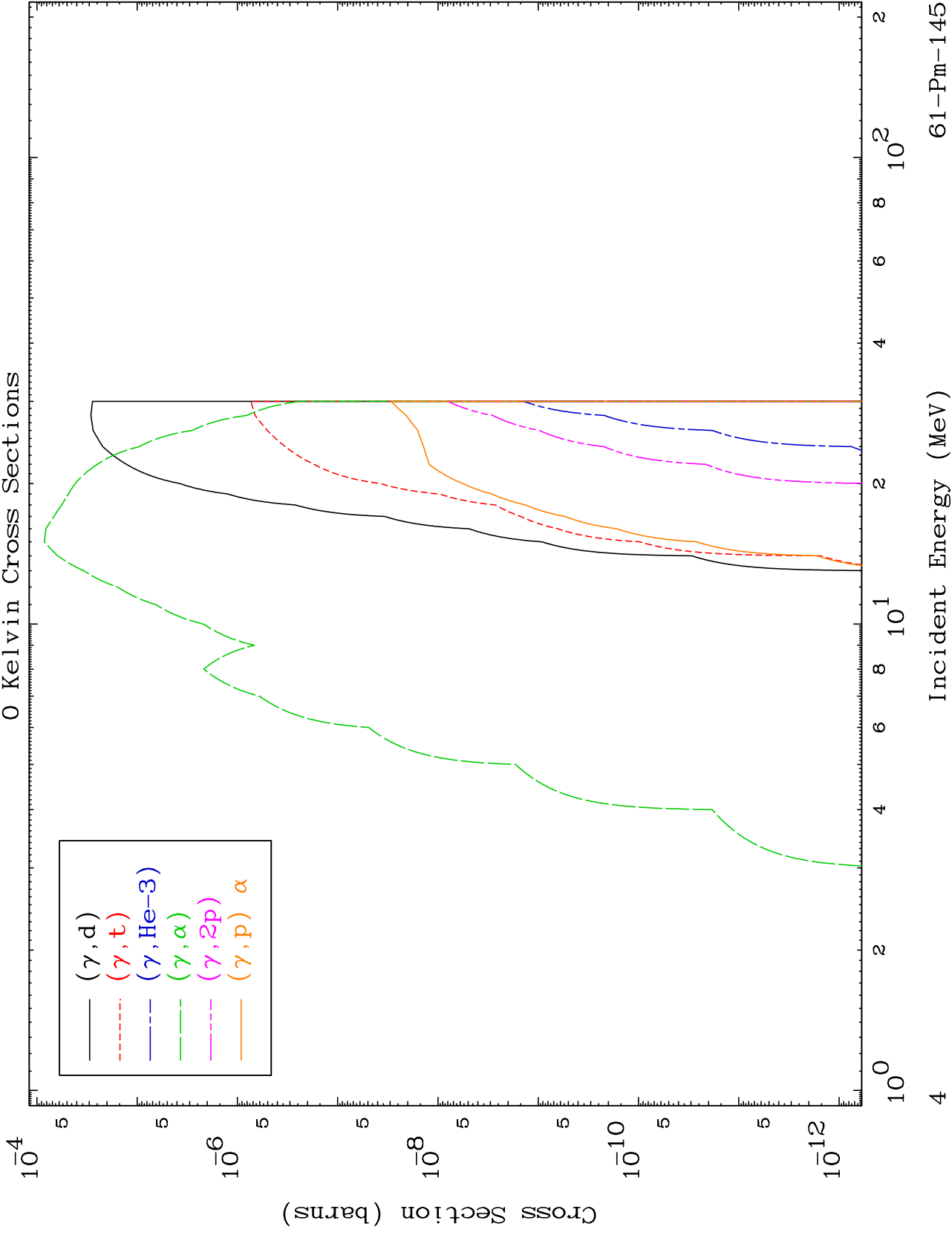
Incident Energy (MeV)

61-Pm-145

MAT 6143

Photon Charged Particle
0 Kelvin Cross Sections

61-Pm-145



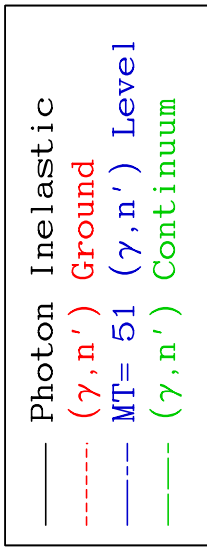
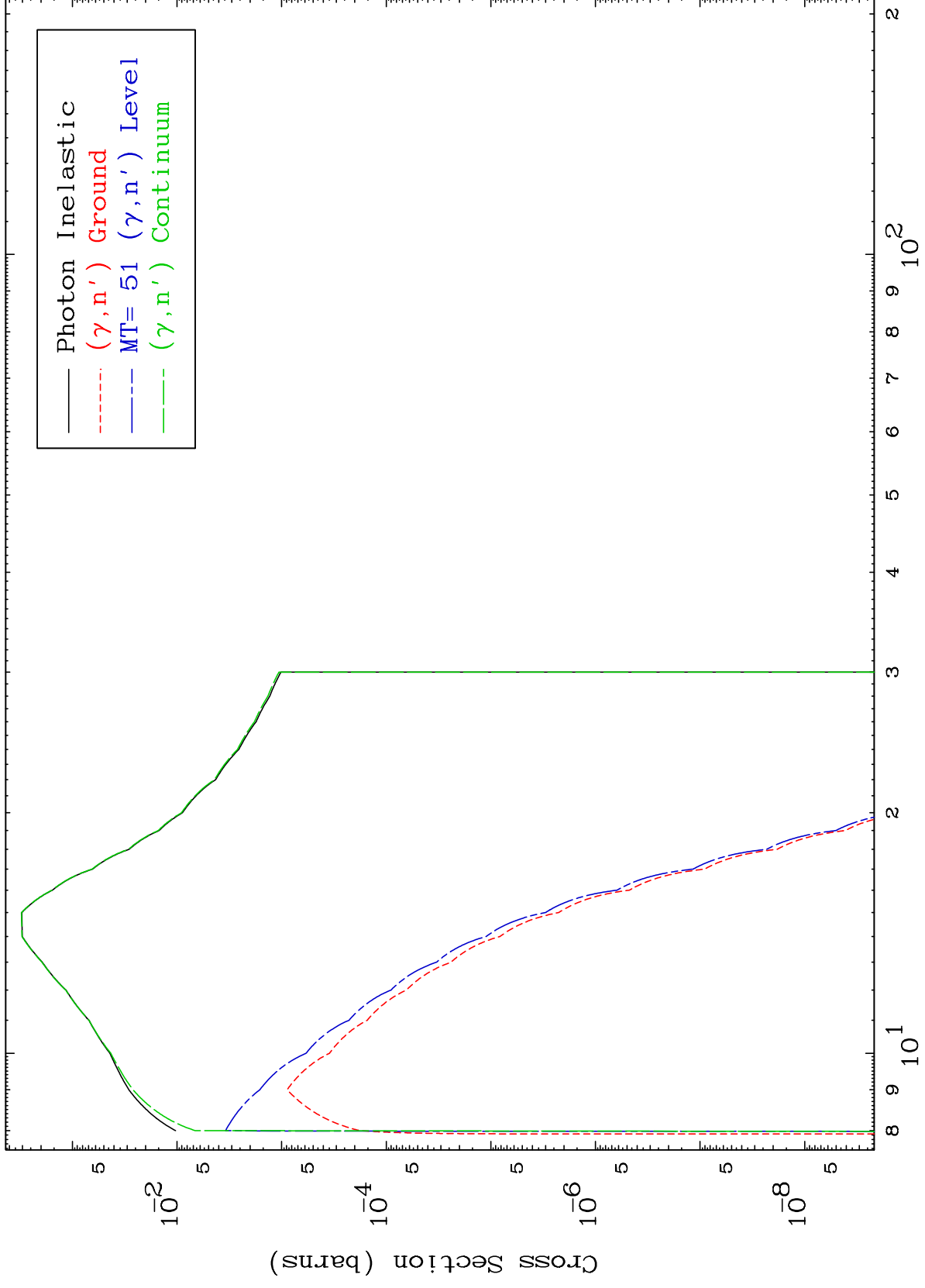
61-Pm-145

MAT 6143

(γ, n') Level

61-Pm-145

0 Kelvin Cross Sections



5

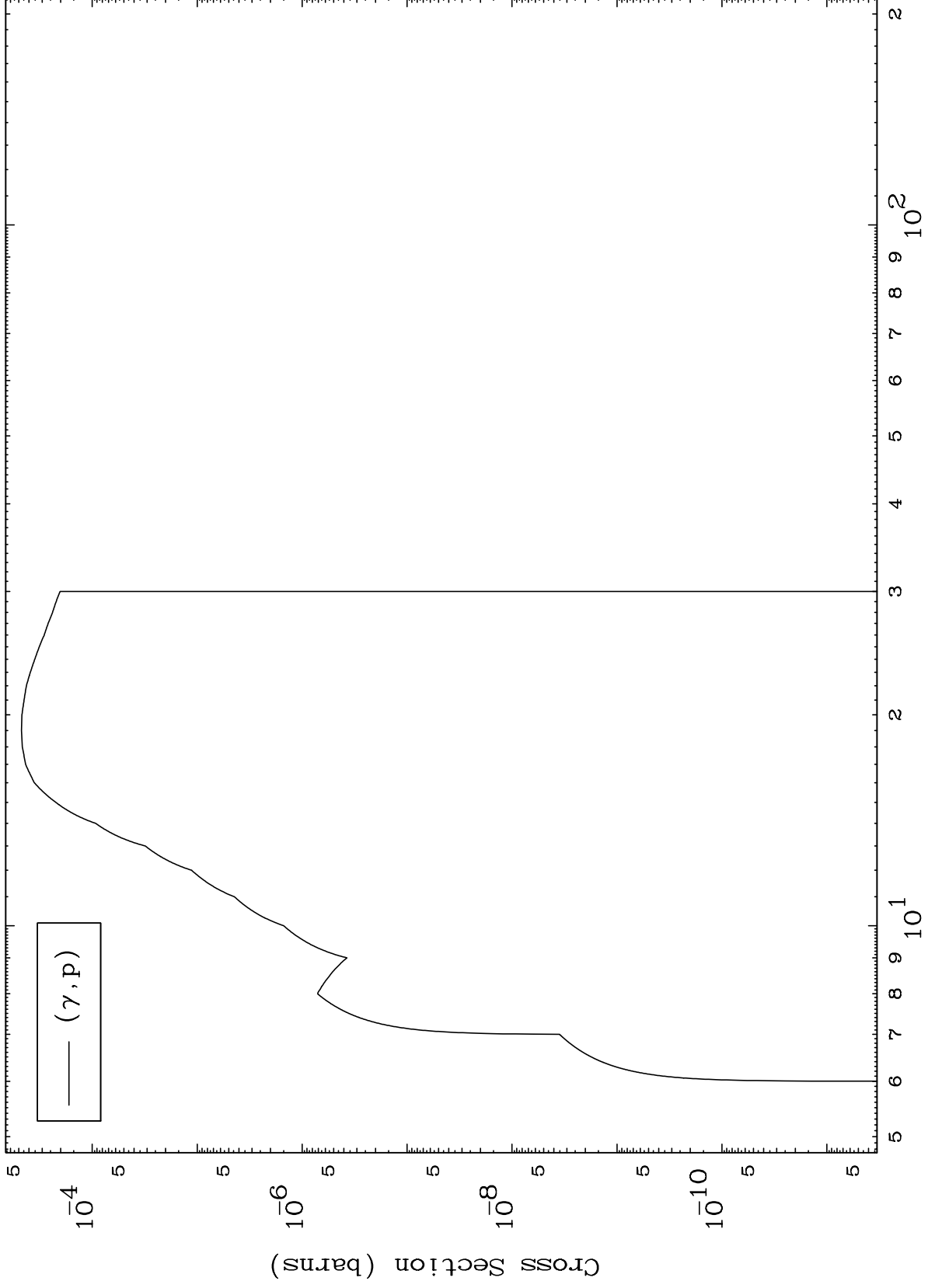
Incident Energy (MeV)

61-Pm-145

MAT 6143

(γ, p) Levels
0 Kelvin Cross Sections

61-Pm-145



6

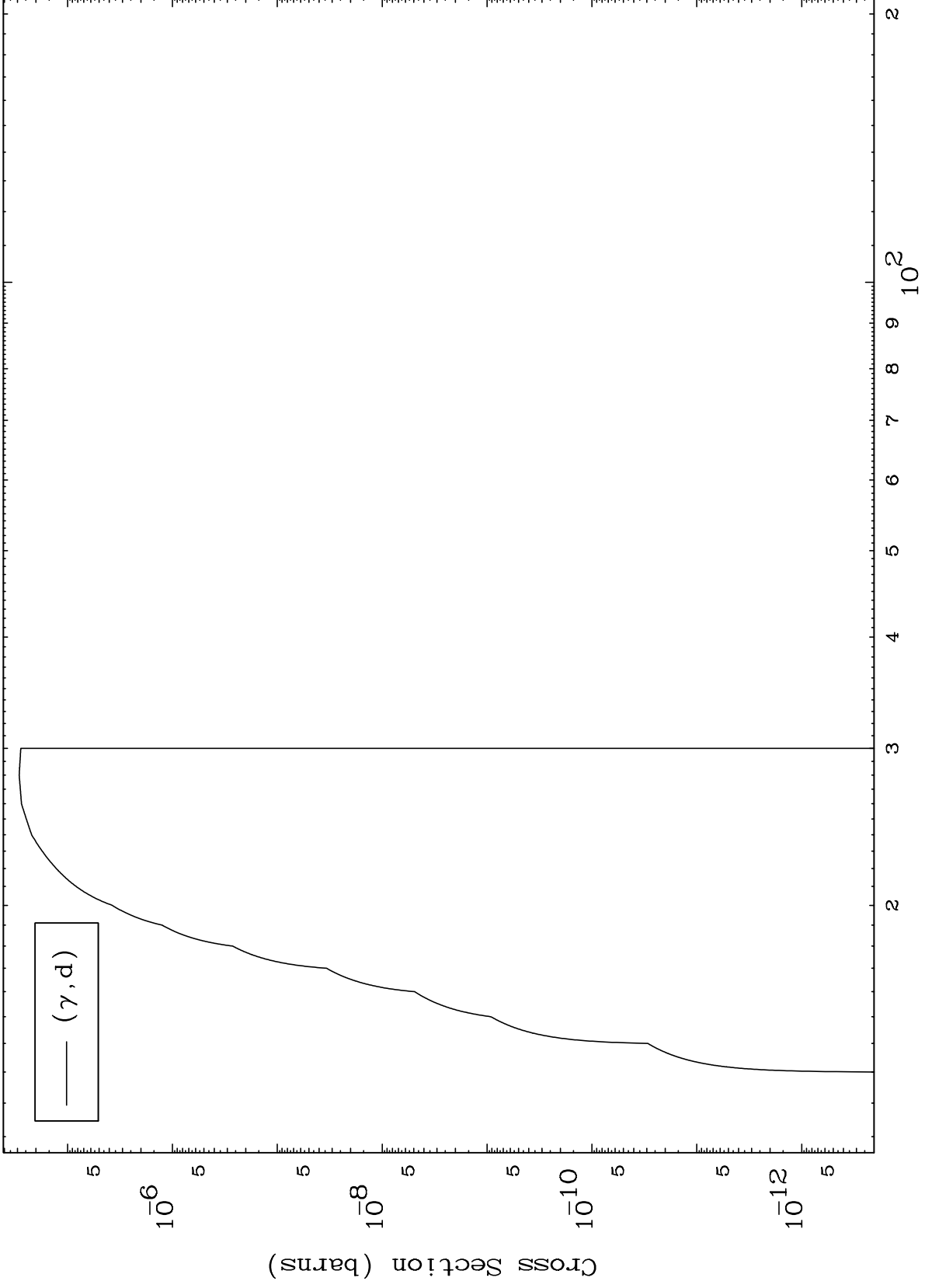
Incident Energy (MeV)

61-Pm-145

MAT 6143

(γ, d) Levels
0 Kelvin Cross Sections

61-Pm-145



7

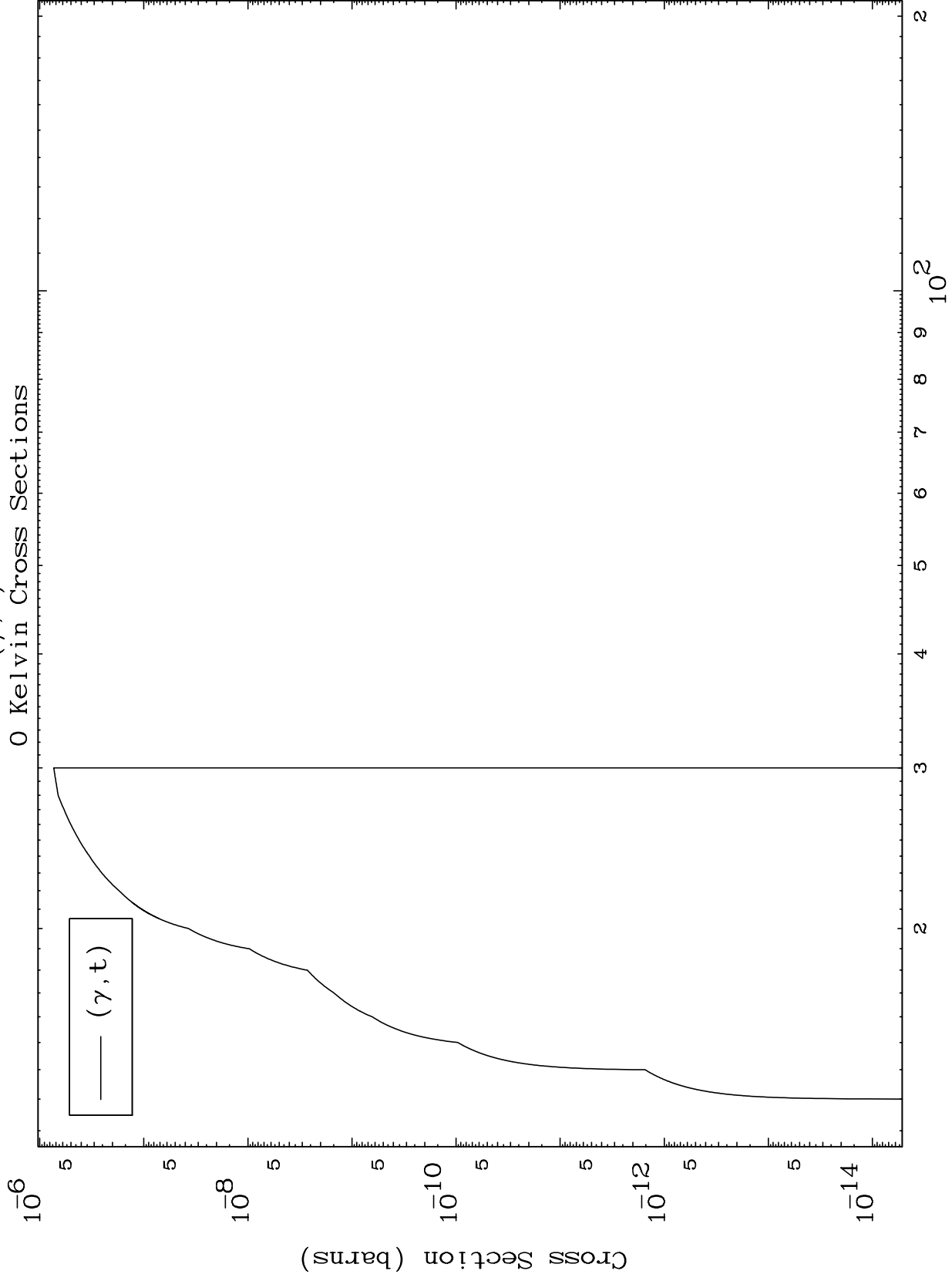
Incident Energy (MeV)

61-Pm-145

MAT 6143

(γ, t) Levels

61-Pm-145



Incident Energy (MeV)

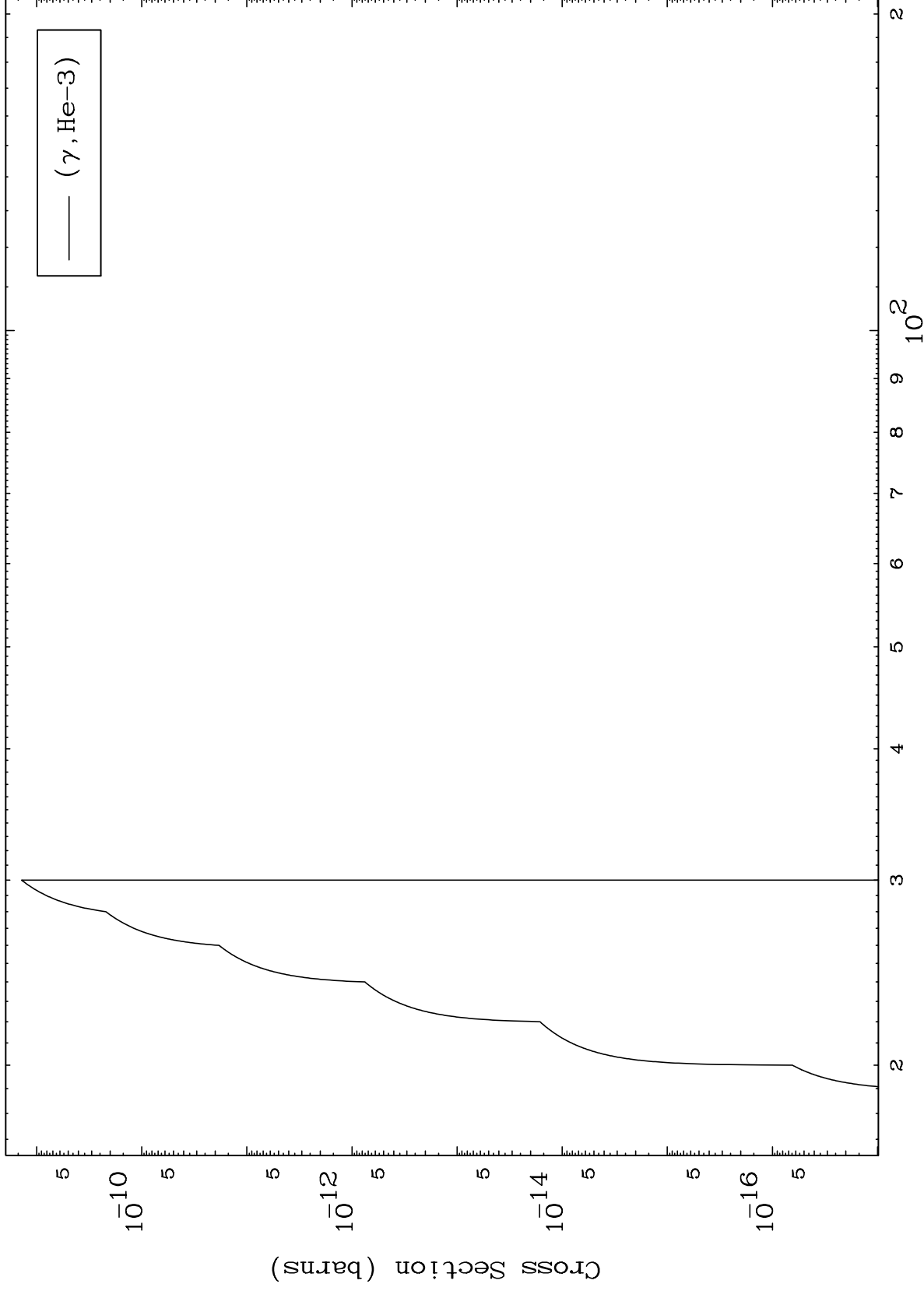
61-Pm-145

8

MAT 6143

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

61-Pm-145



9

Incident Energy (MeV)

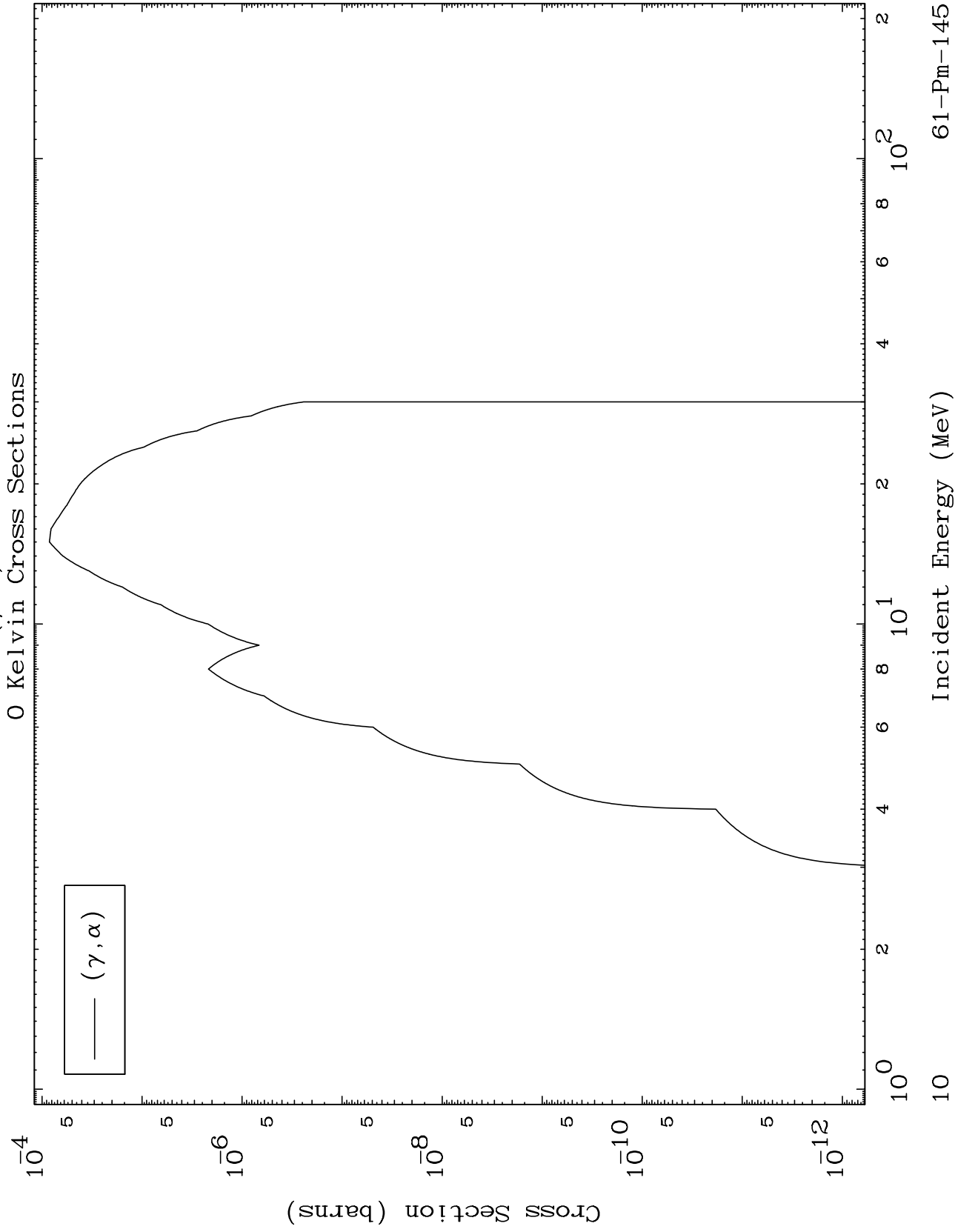
61-Pm-145

MAT 6143

(γ, α) Levels

61-Pm-145

0 Kelvin Cross Sections



Incident Energy (MeV)

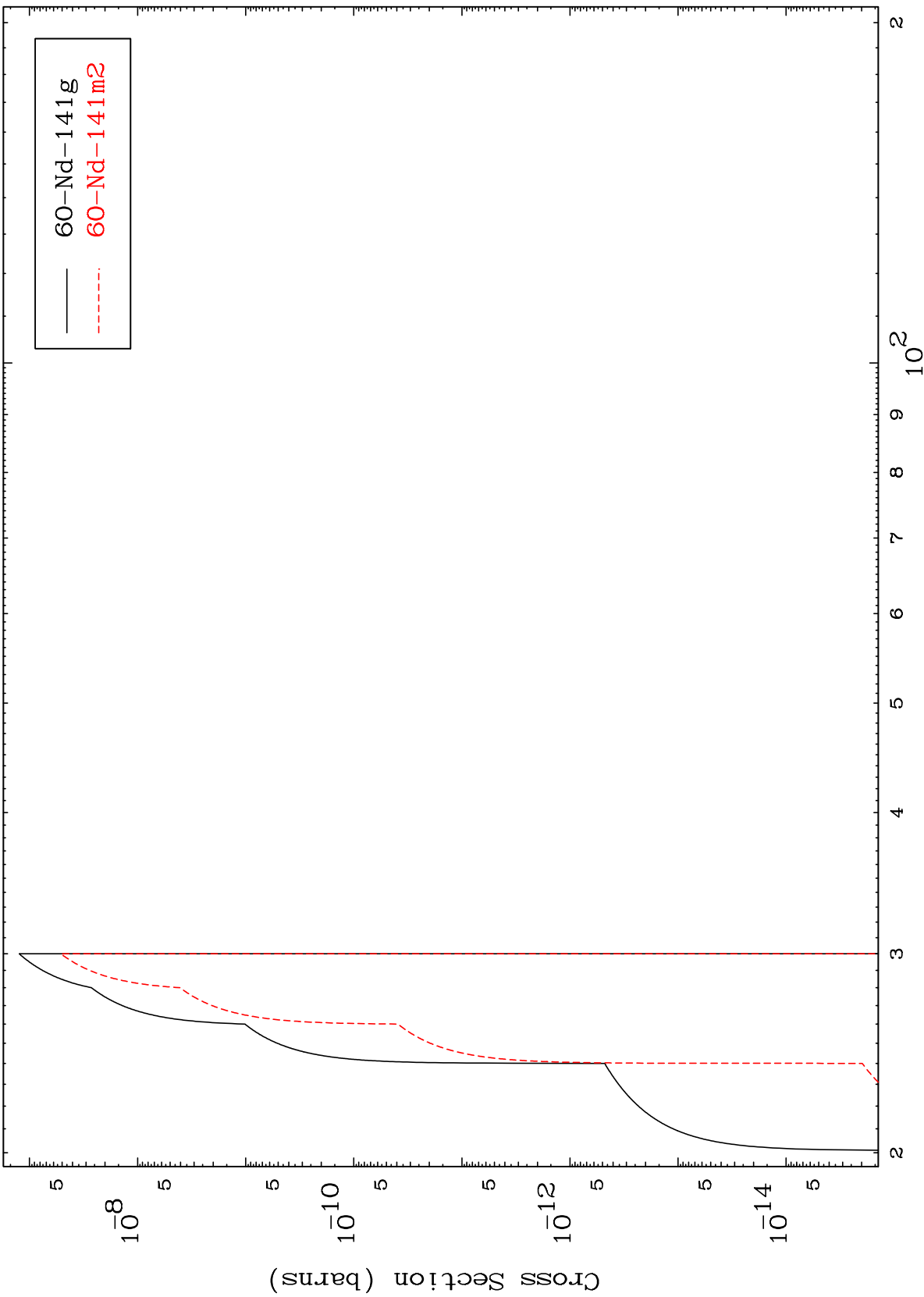
61-Pm-145

MAT 6143

(γ, n') t

61-Pm-145

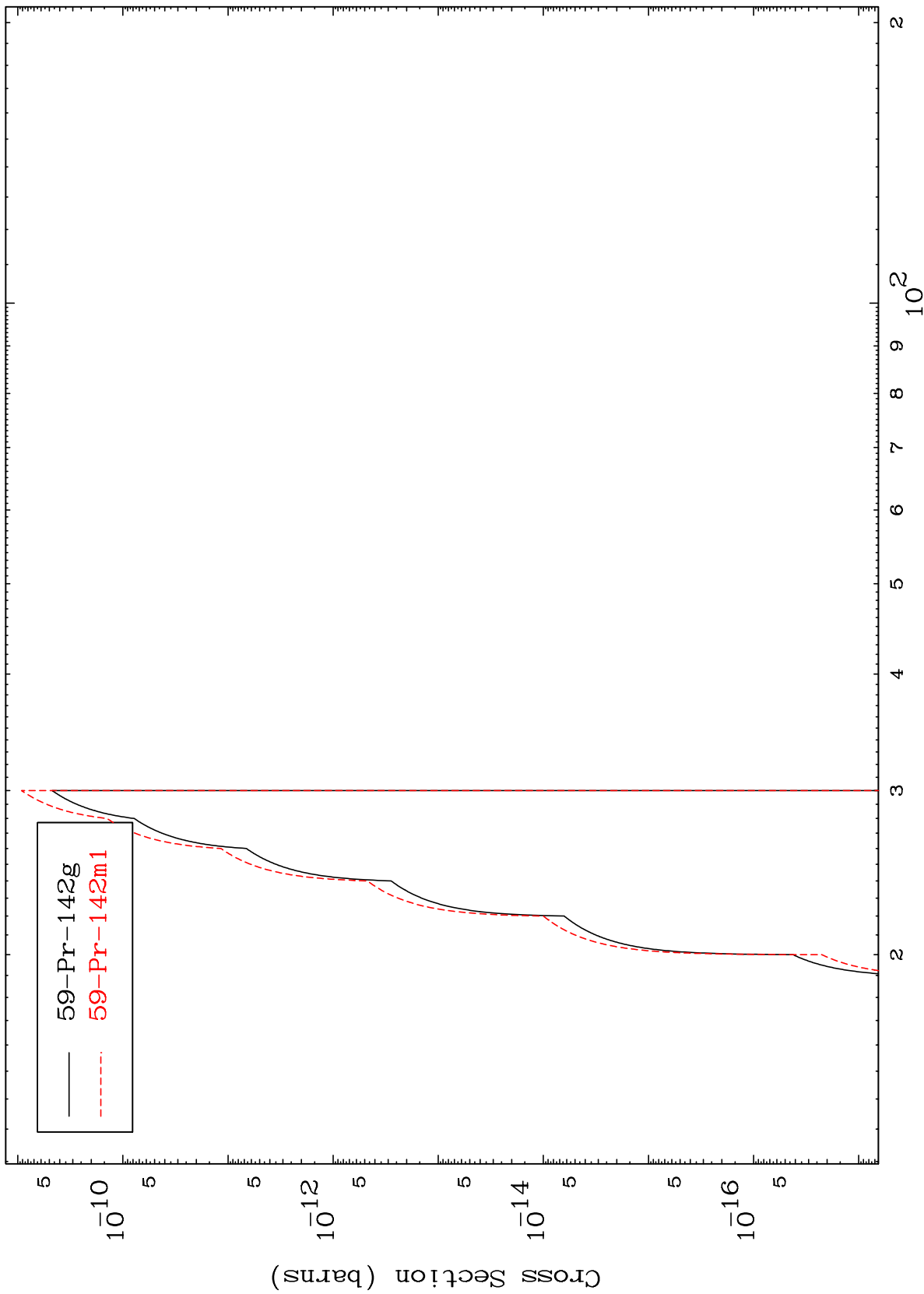
Radionuclide Production Cross Section



MAT 6143

61-Pm-145

Radionuclide Production Cross Section
($\gamma, \text{He-3}$)



12

Incident Energy (MeV)

61-Pm-145