

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

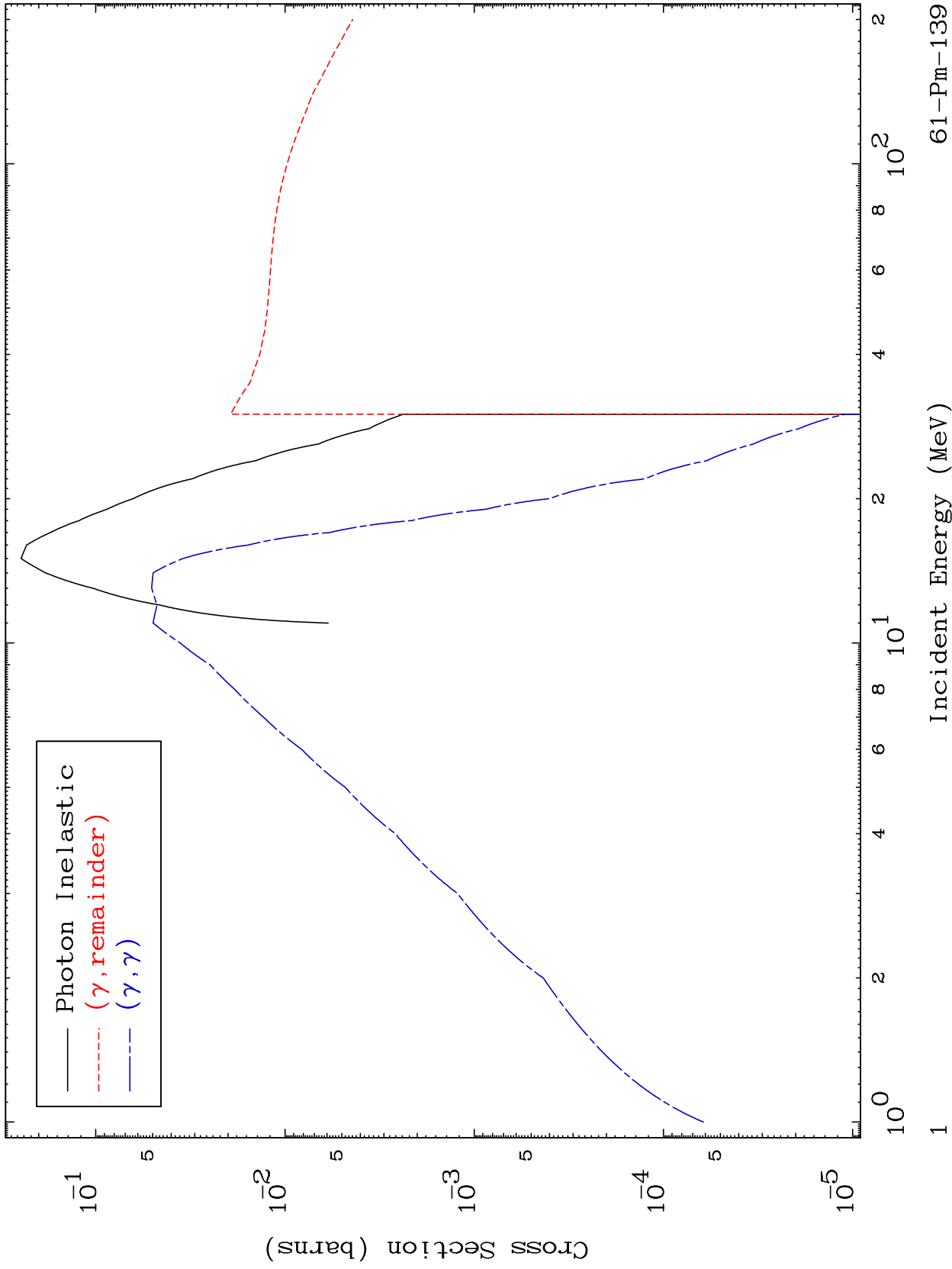
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

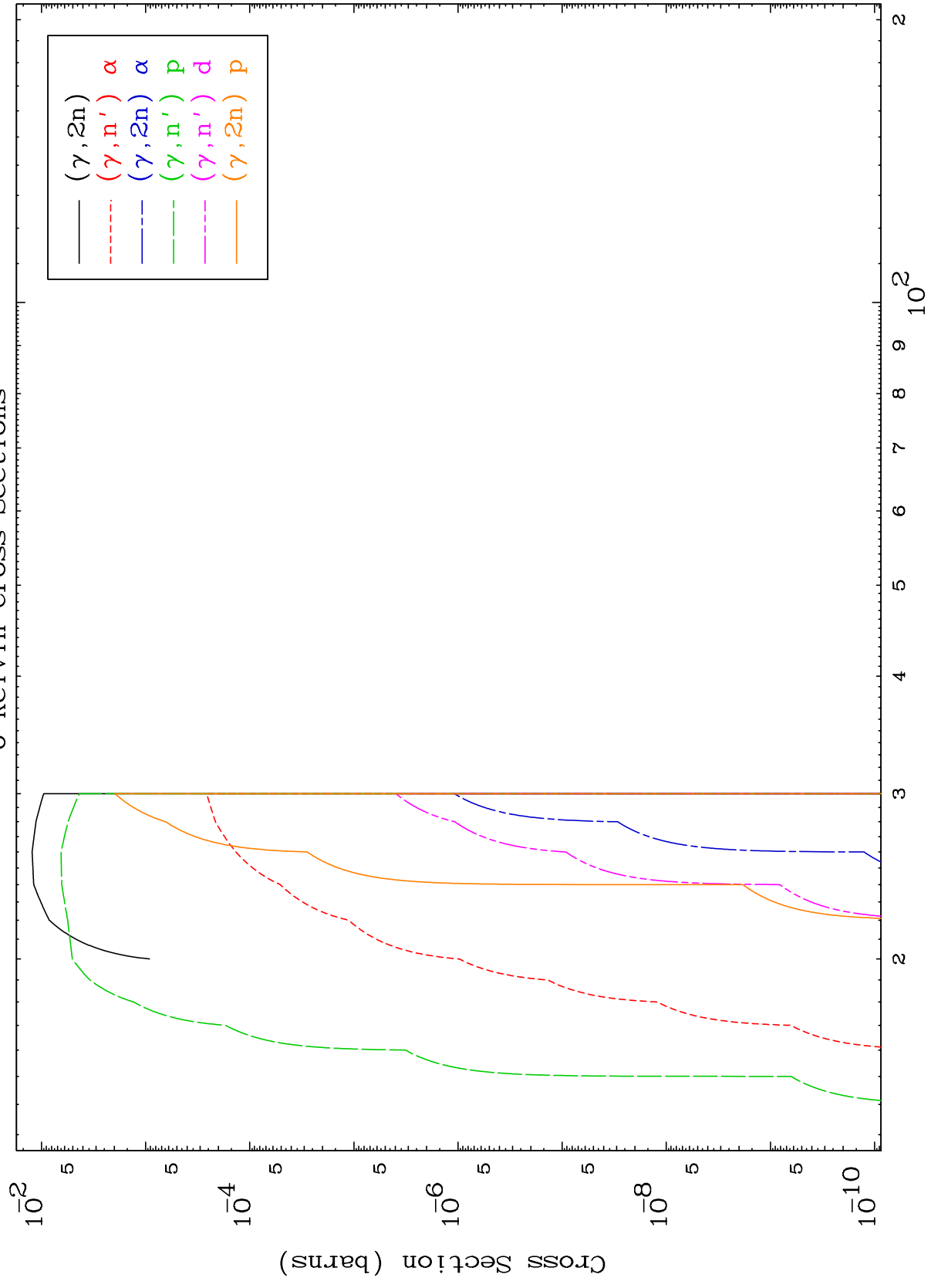
Press Mouse Button to Start

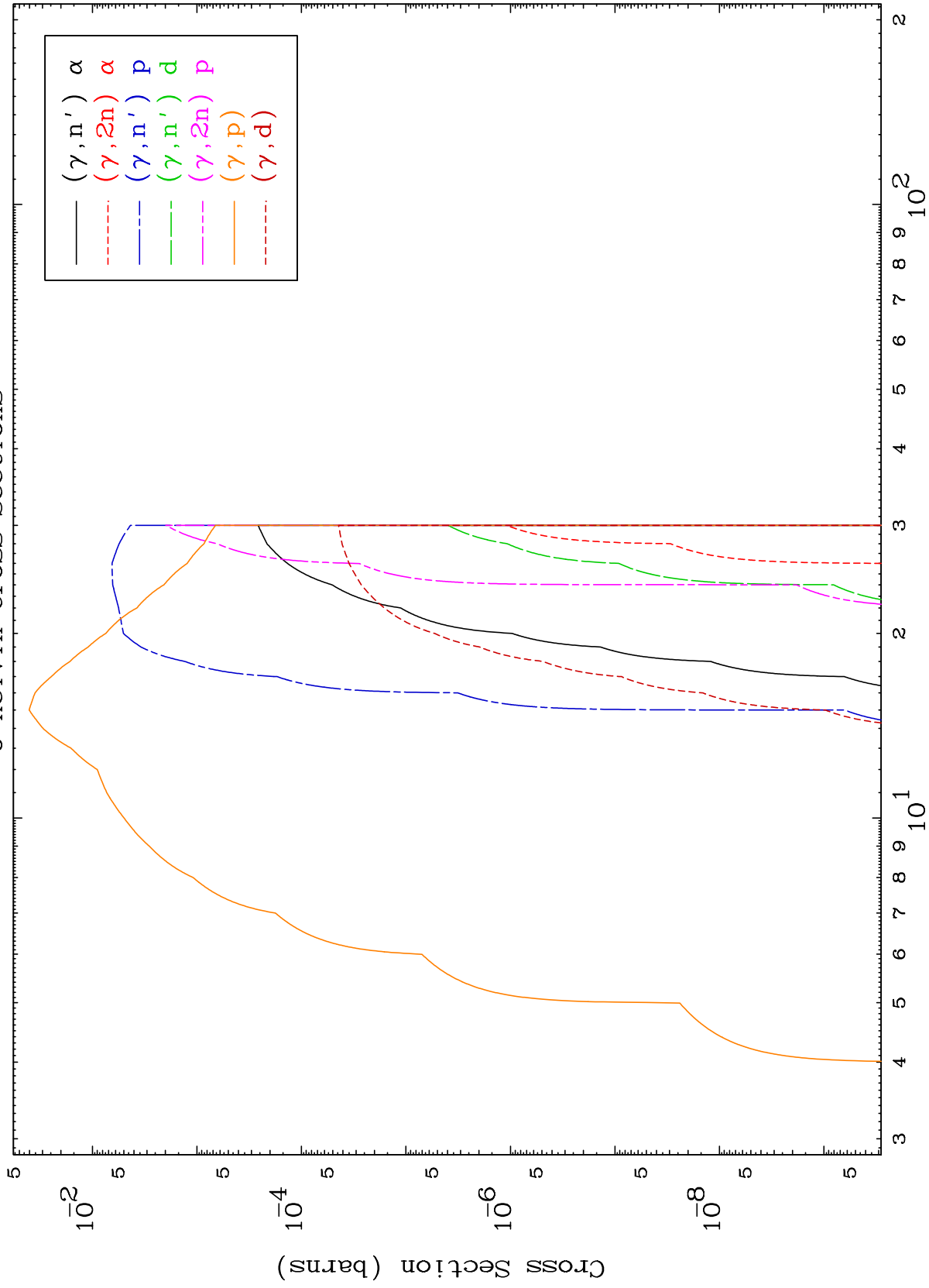
MAT 6125

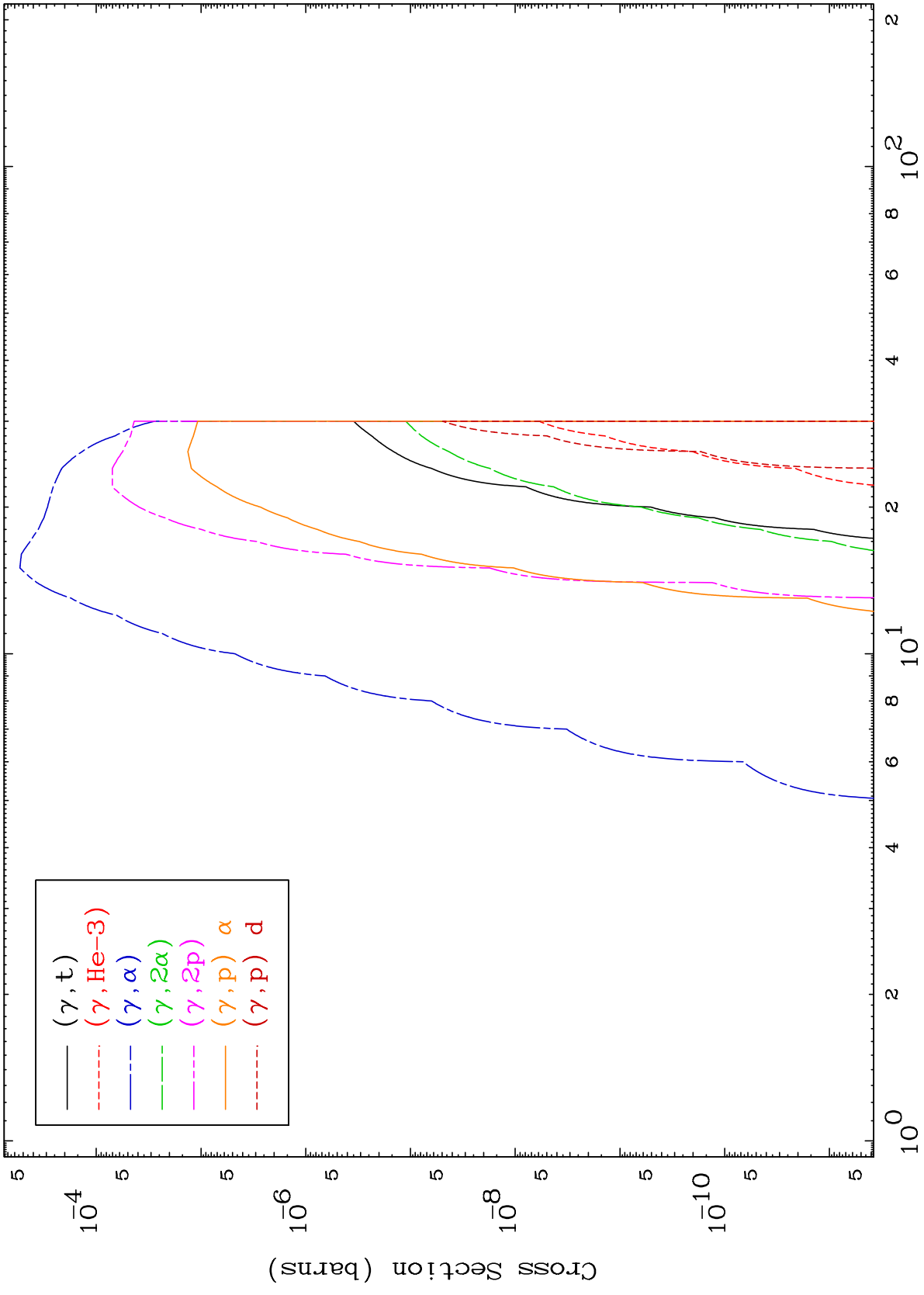
Photon Major
0 Kelvin Cross Sections

61-Pm-139





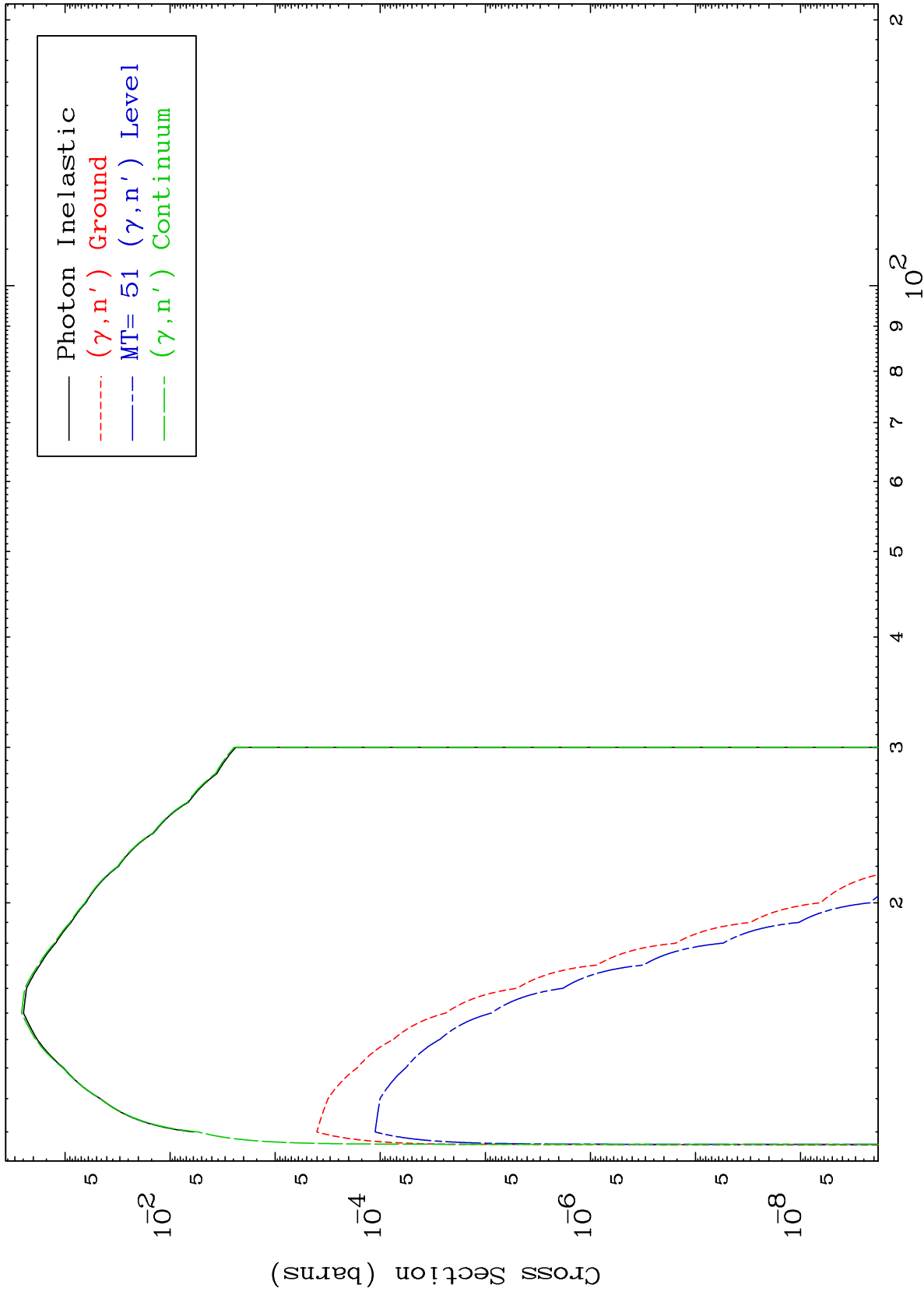




MAT 6125

(γ, n') Level
0 Kelvin Cross Sections

61-Pm-139



5

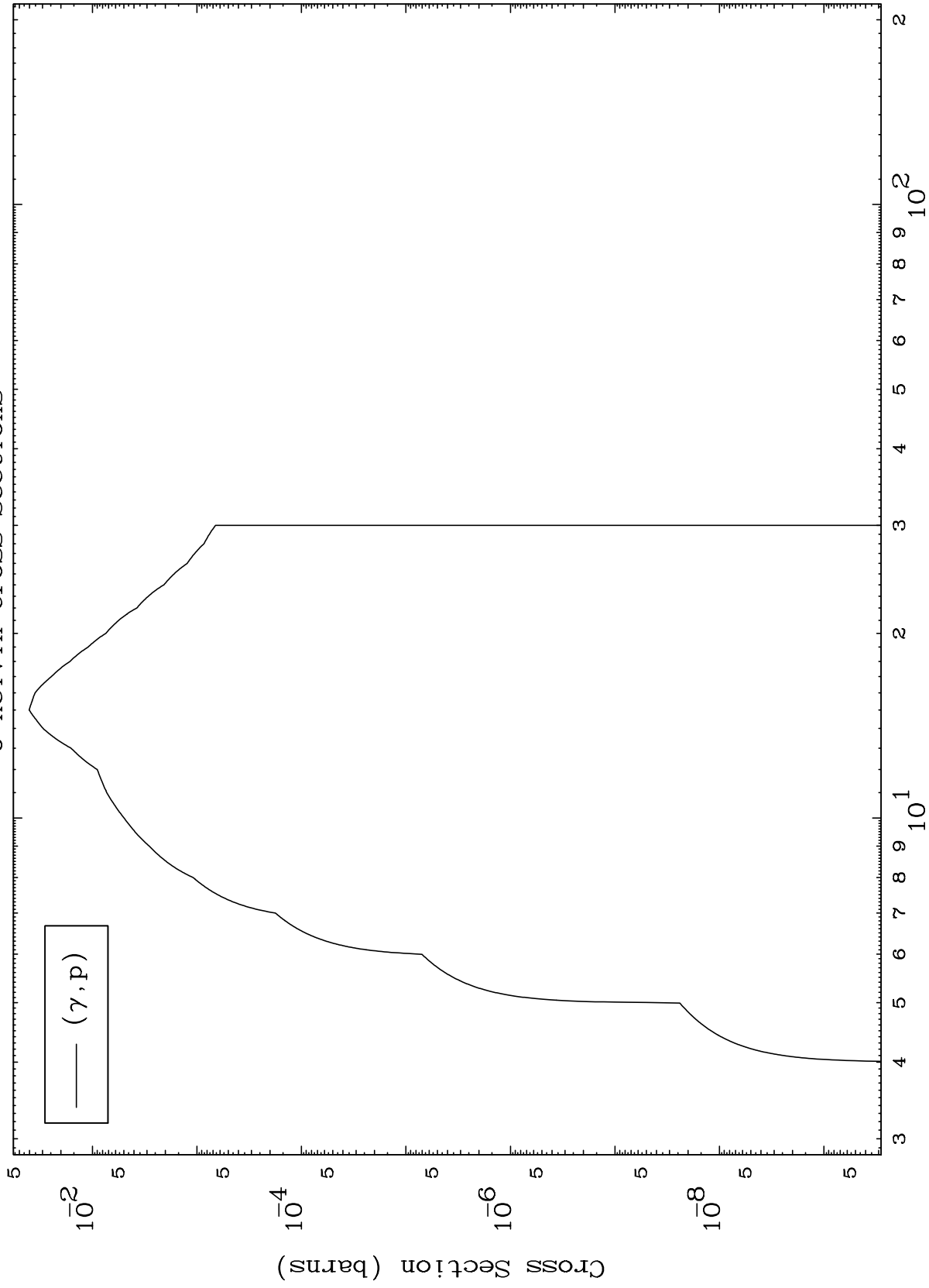
Incident Energy (MeV)

61-Pm-139

MAT 6125

(γ, p) Levels
0 Kelvin Cross Sections

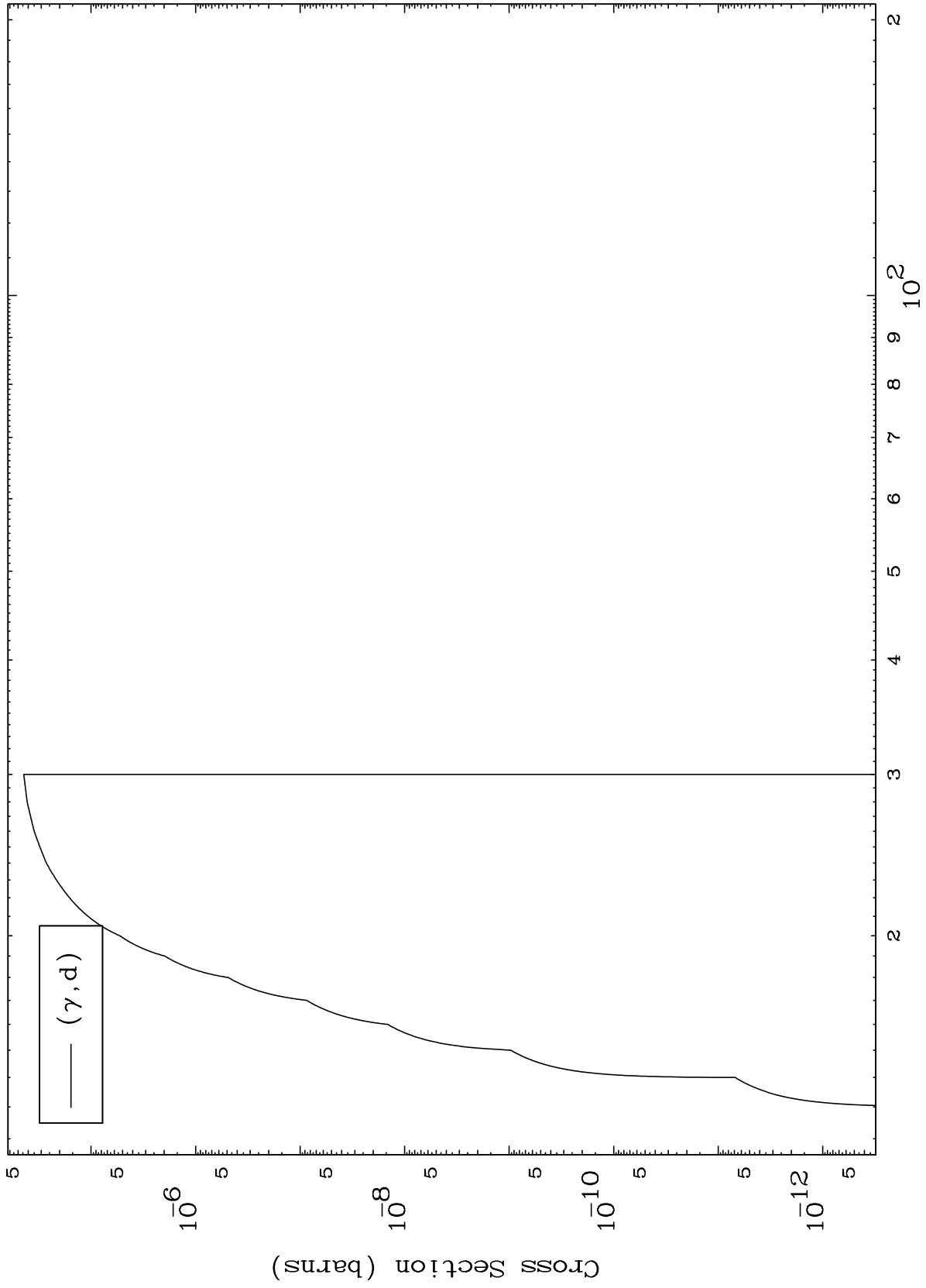
61-Pm-139

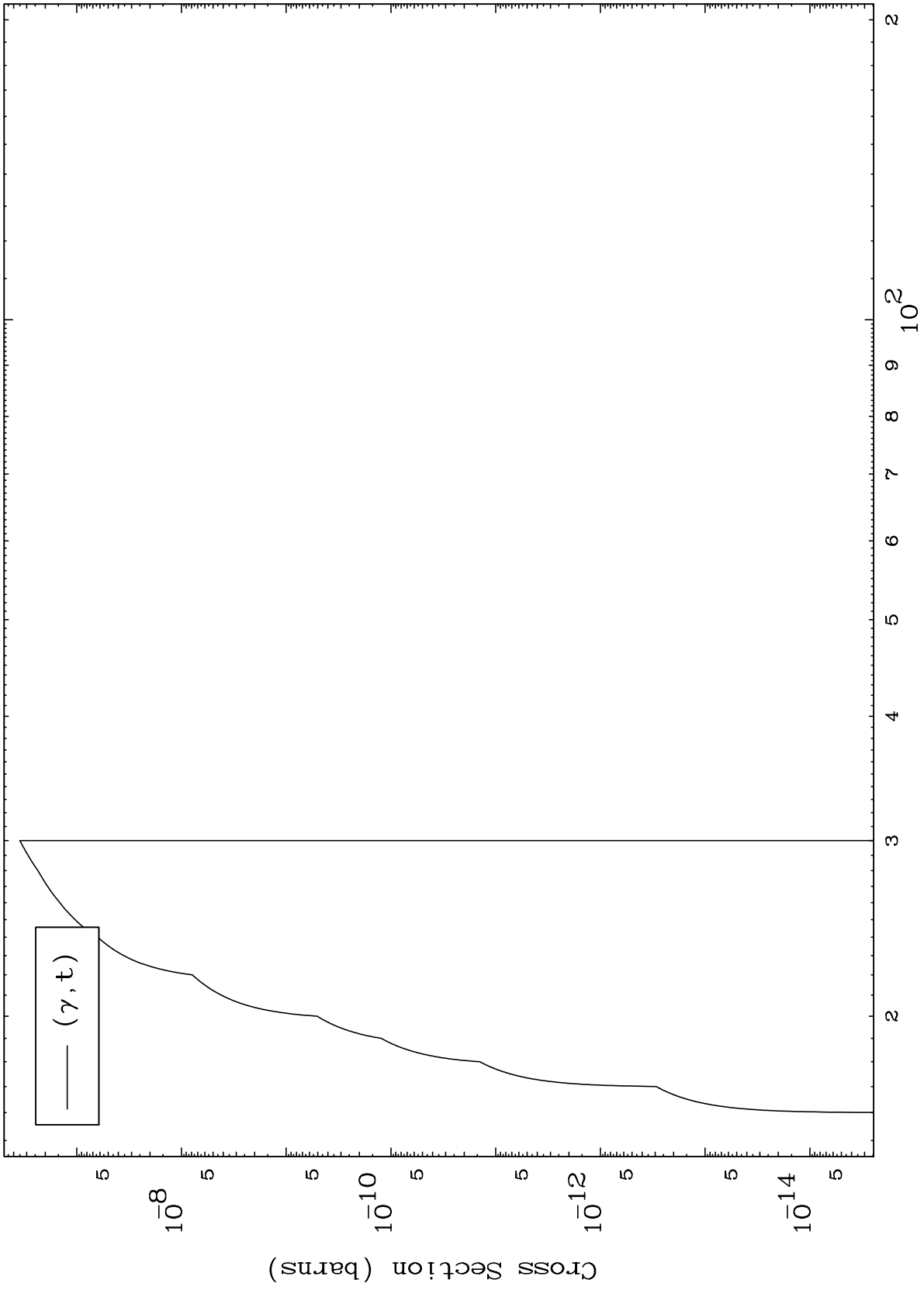


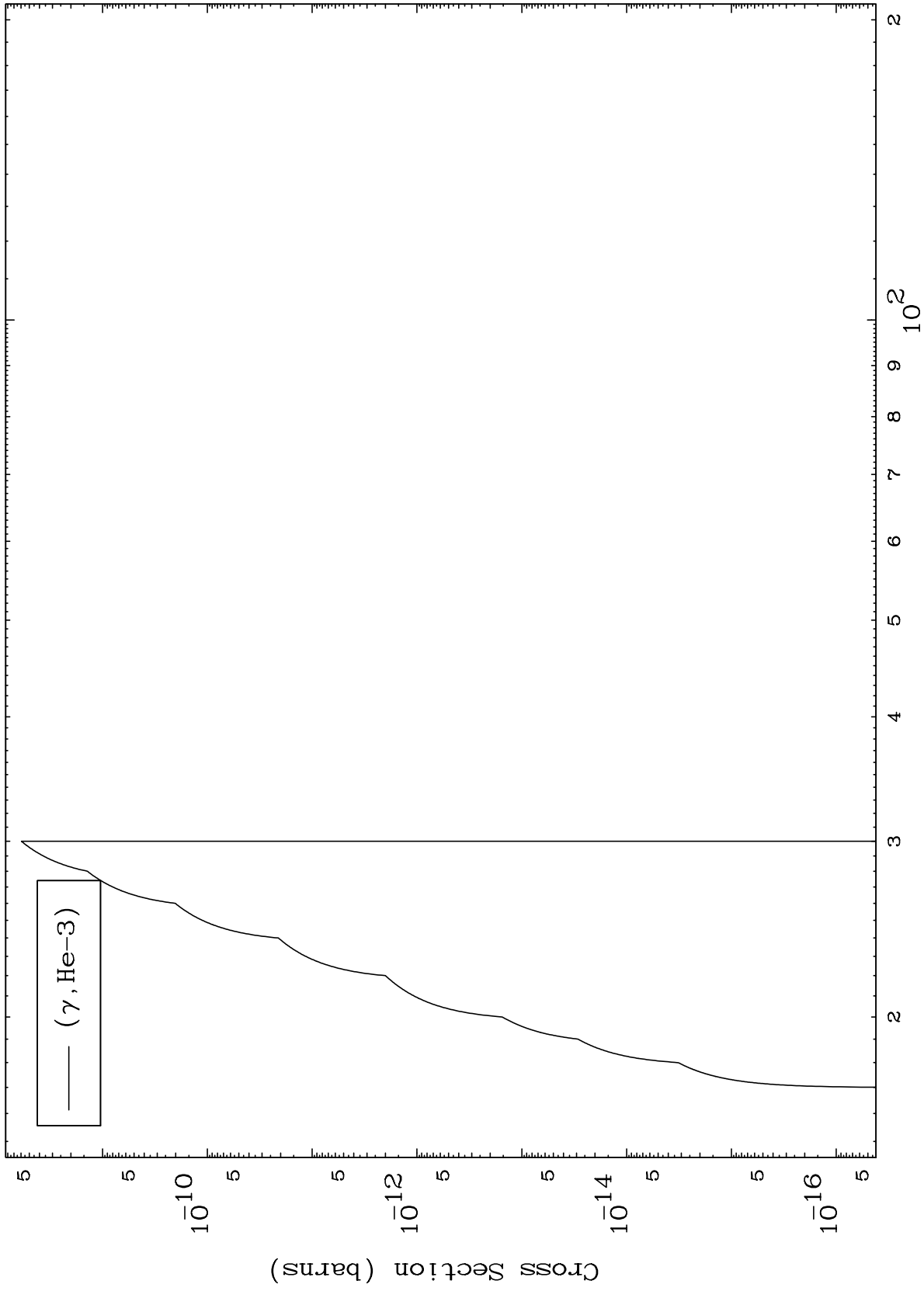
6

Incident Energy (MeV)

61-Pm-139



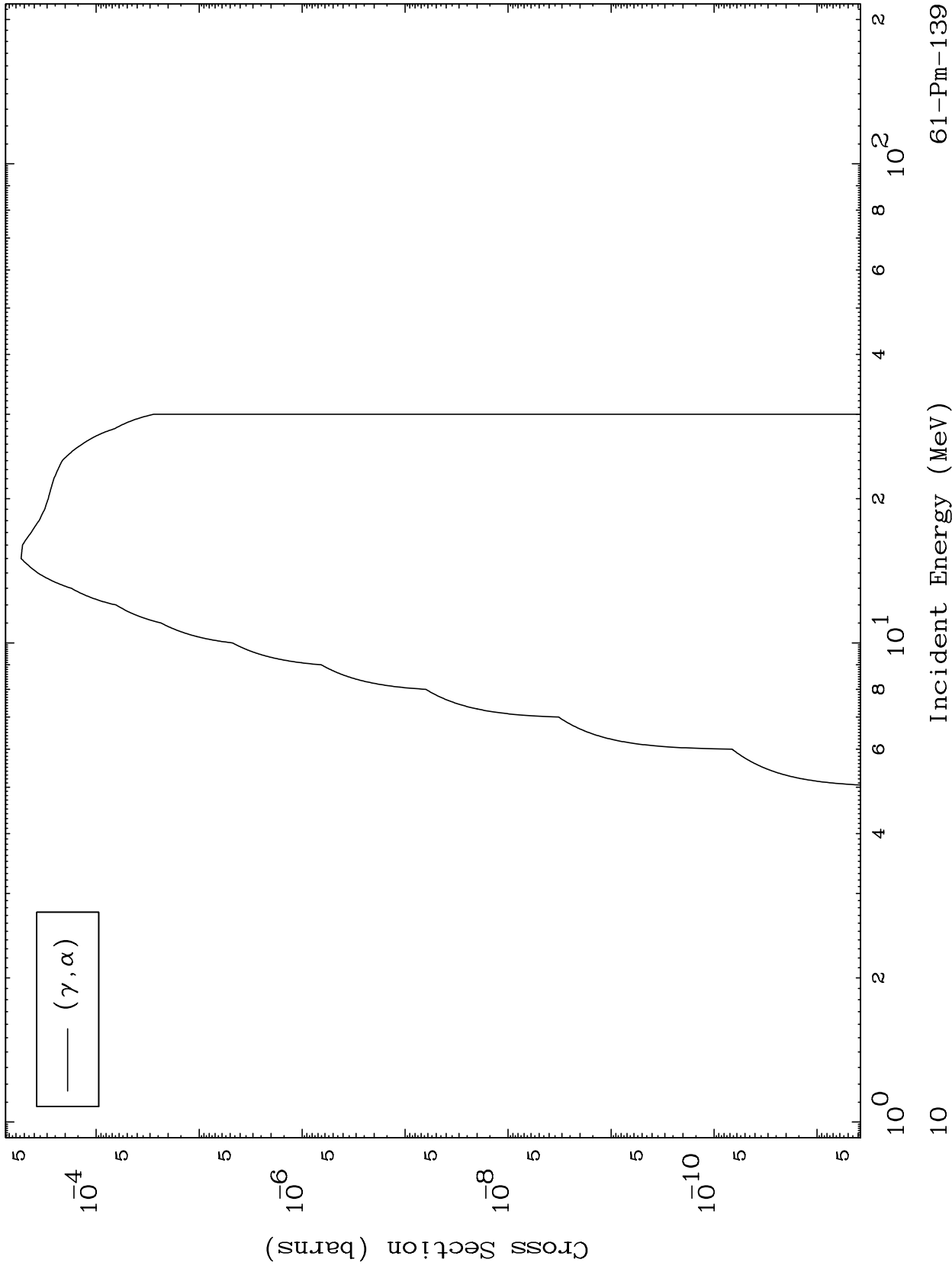




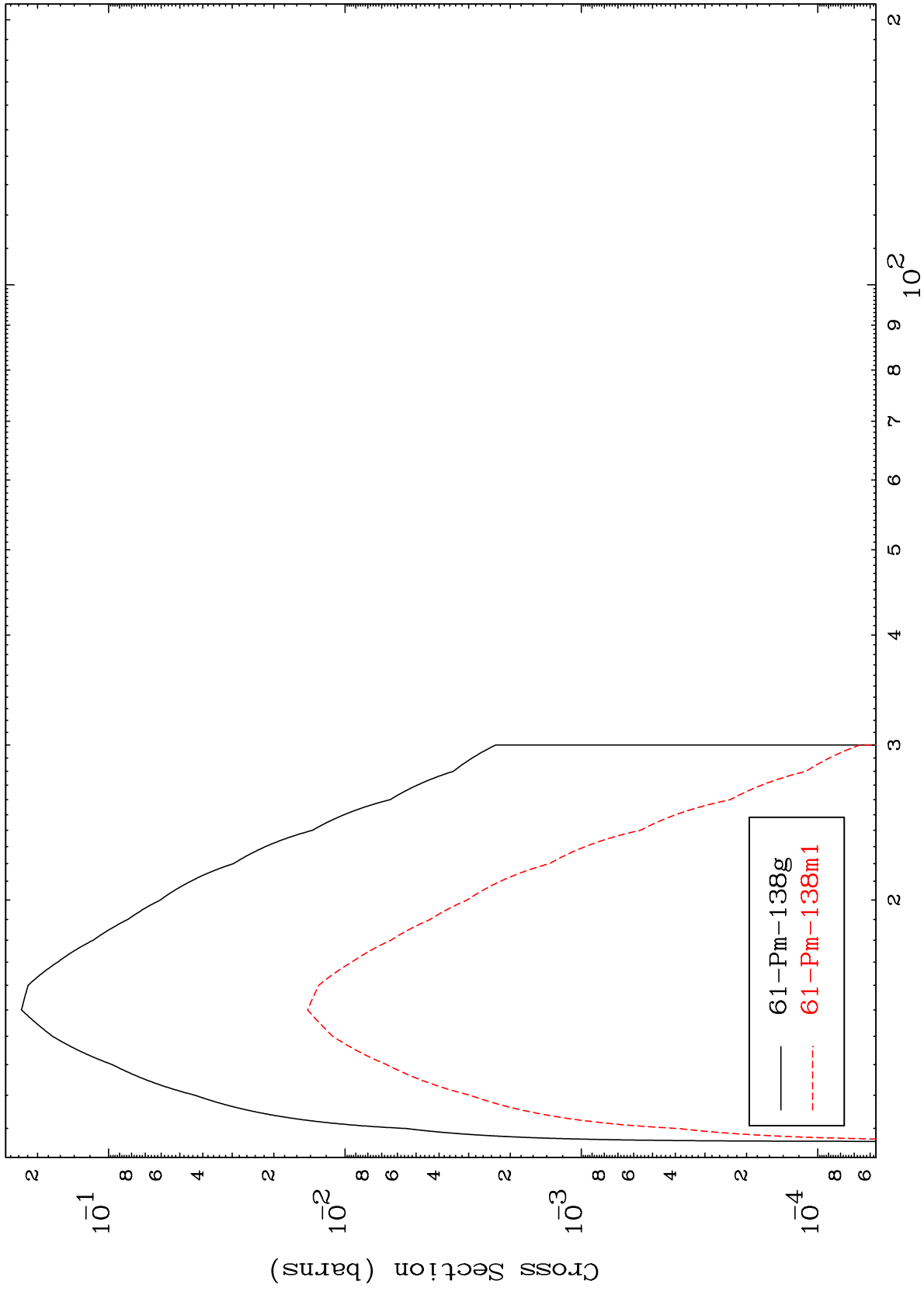
MAT 6125

(γ, α) Levels
0 Kelvin Cross Sections

61-Pm-139



61-Pm-139

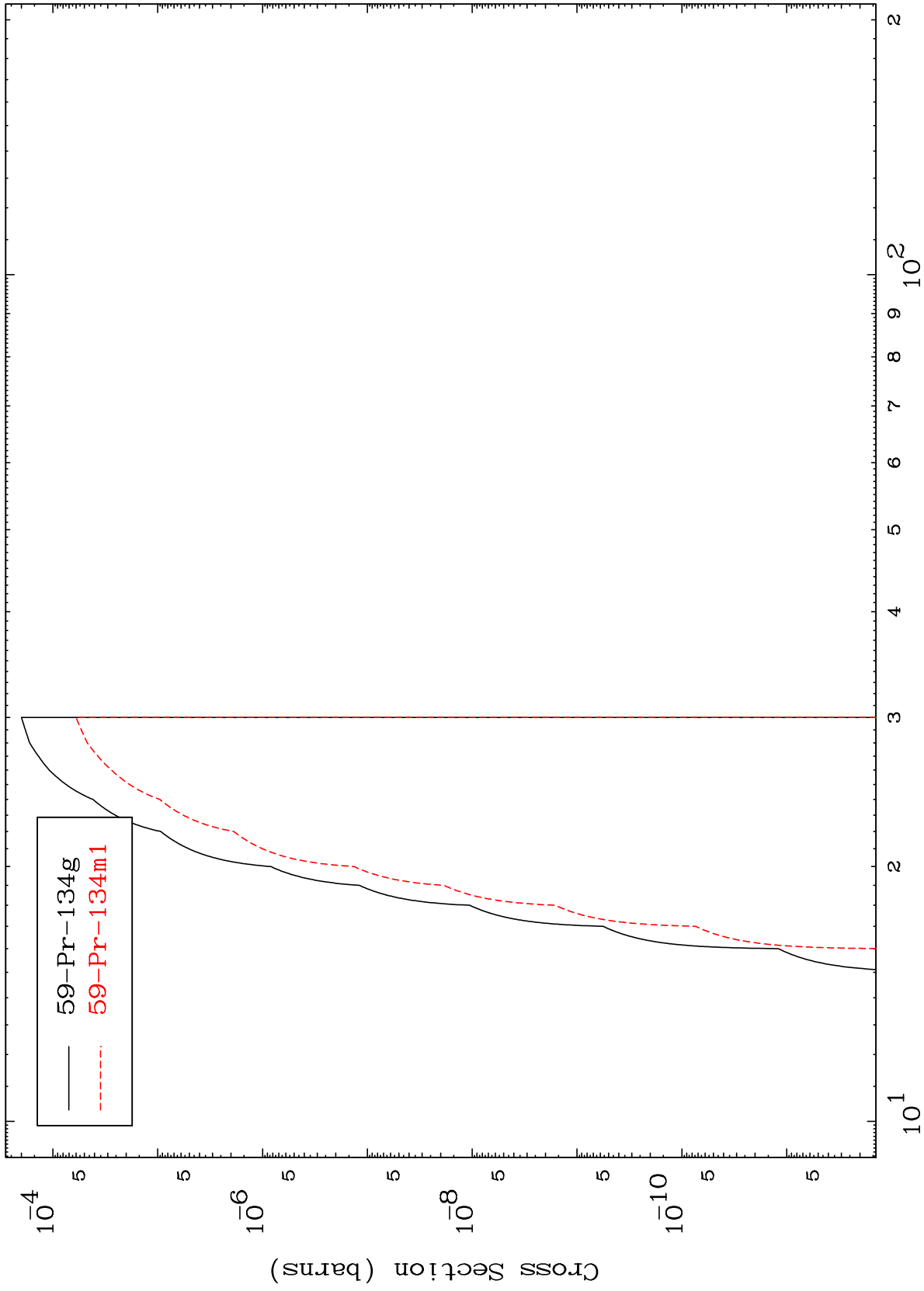


MAT 6125

(γ, n') α

61-Pm-139

Radionuclide Production Cross Section



12

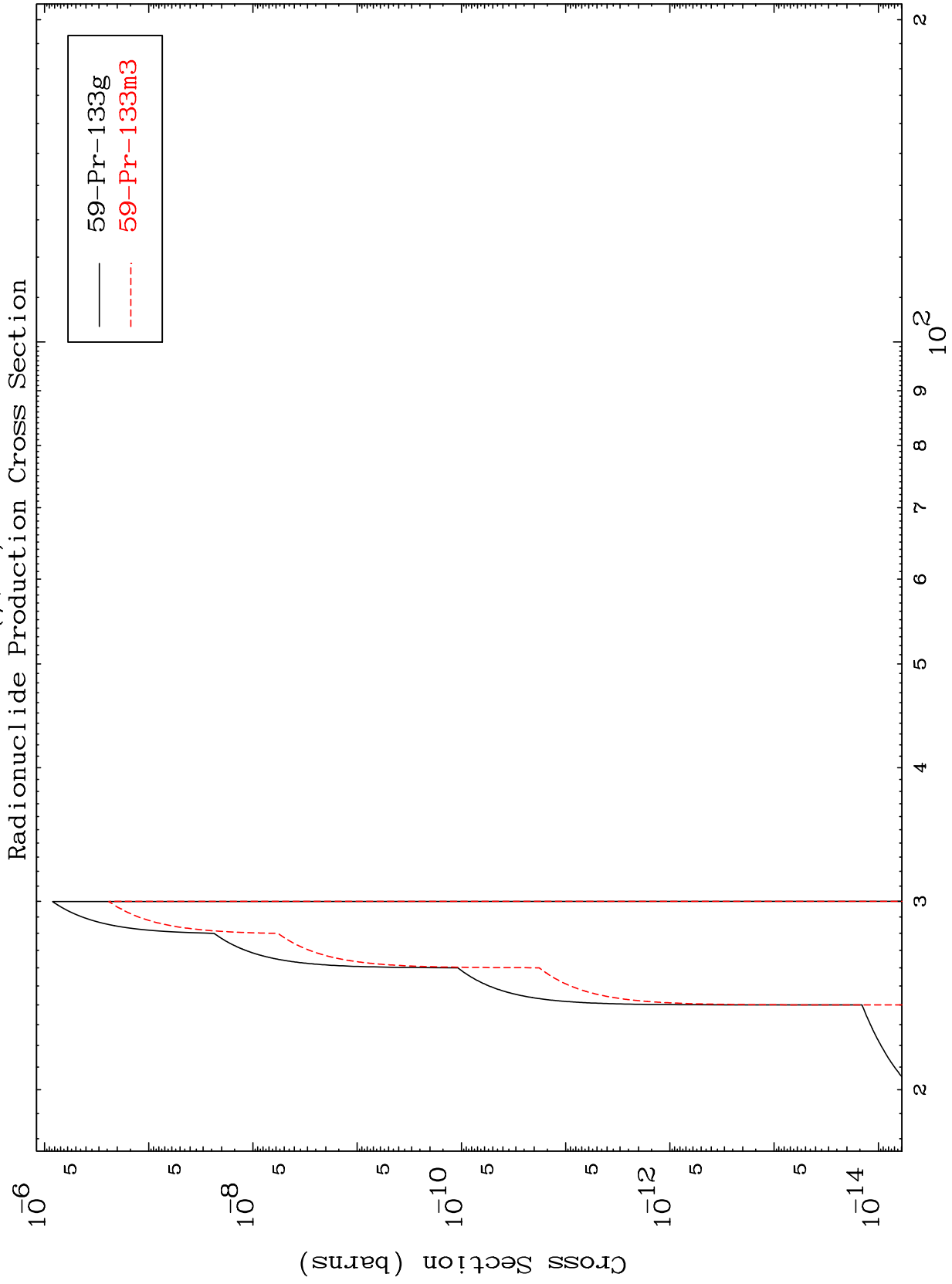
Incident Energy (MeV)

61-Pm-139

MAT 6125

$(\gamma, 2n) \alpha$

61-Pm-139



13

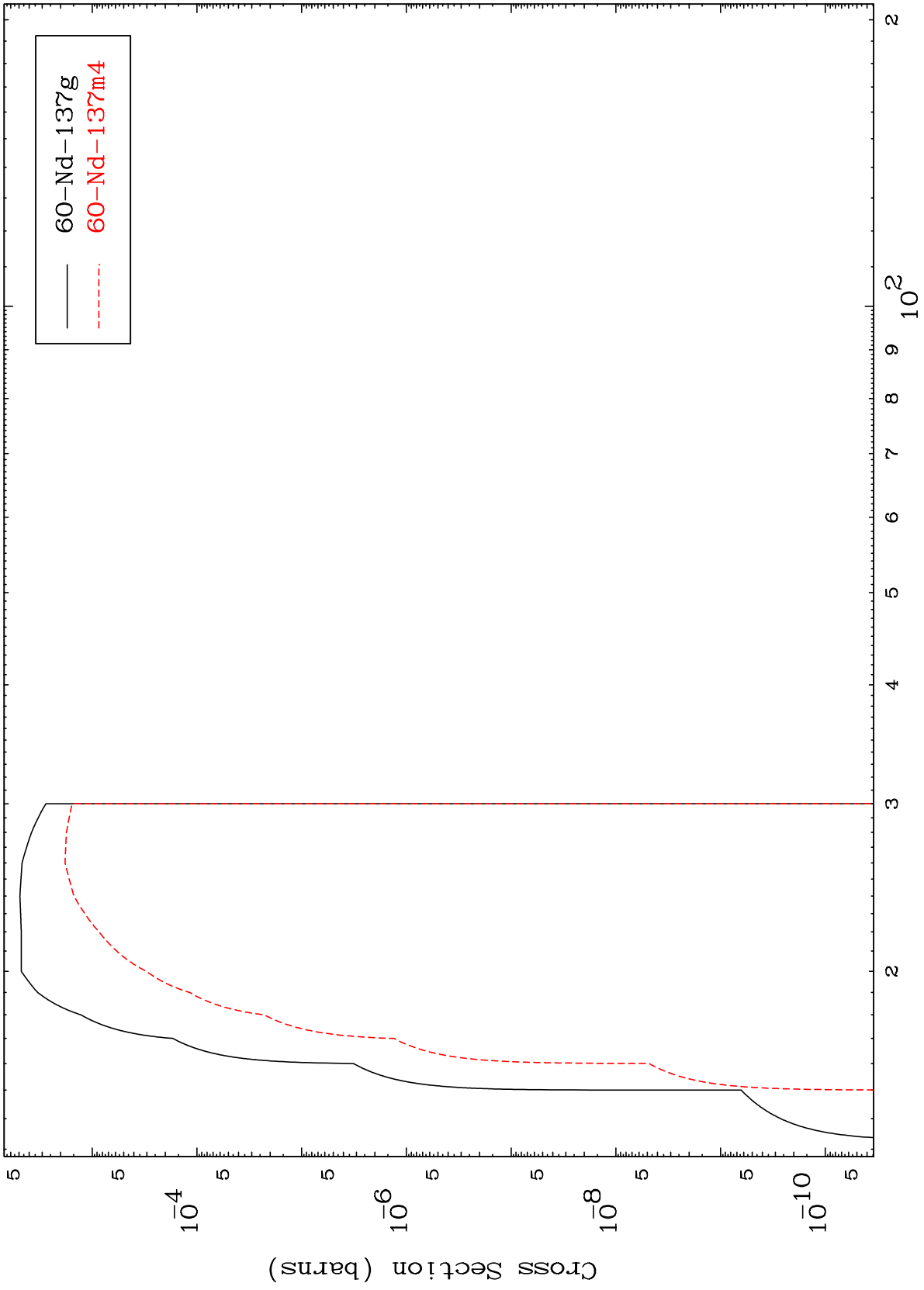
61-Pm-139

MAT 6125

(γ, n') p

61-Pm-139

Radionuclide Production Cross Section



14

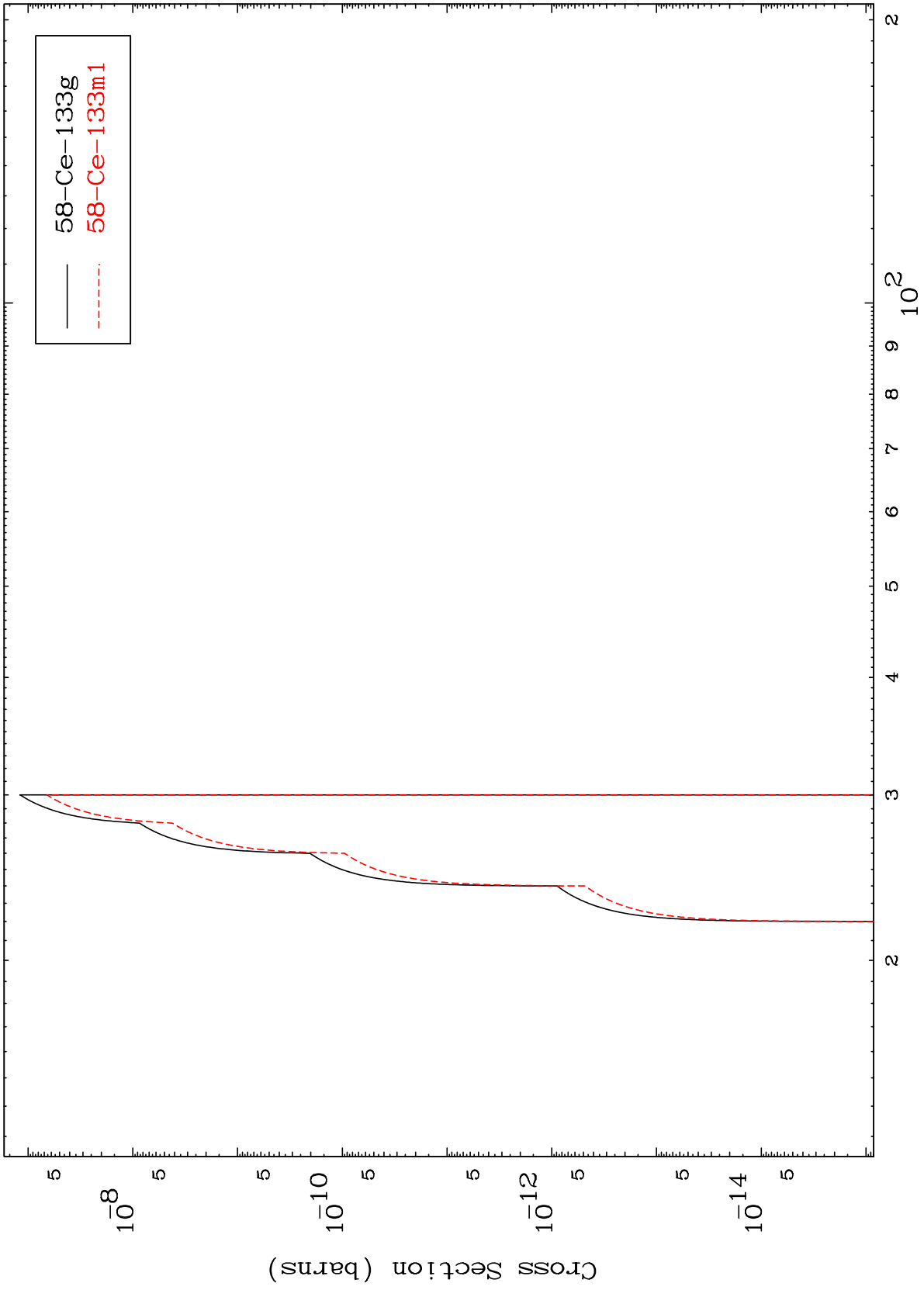
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

(γ, n') p α
Radionuclide Production Cross Section



15

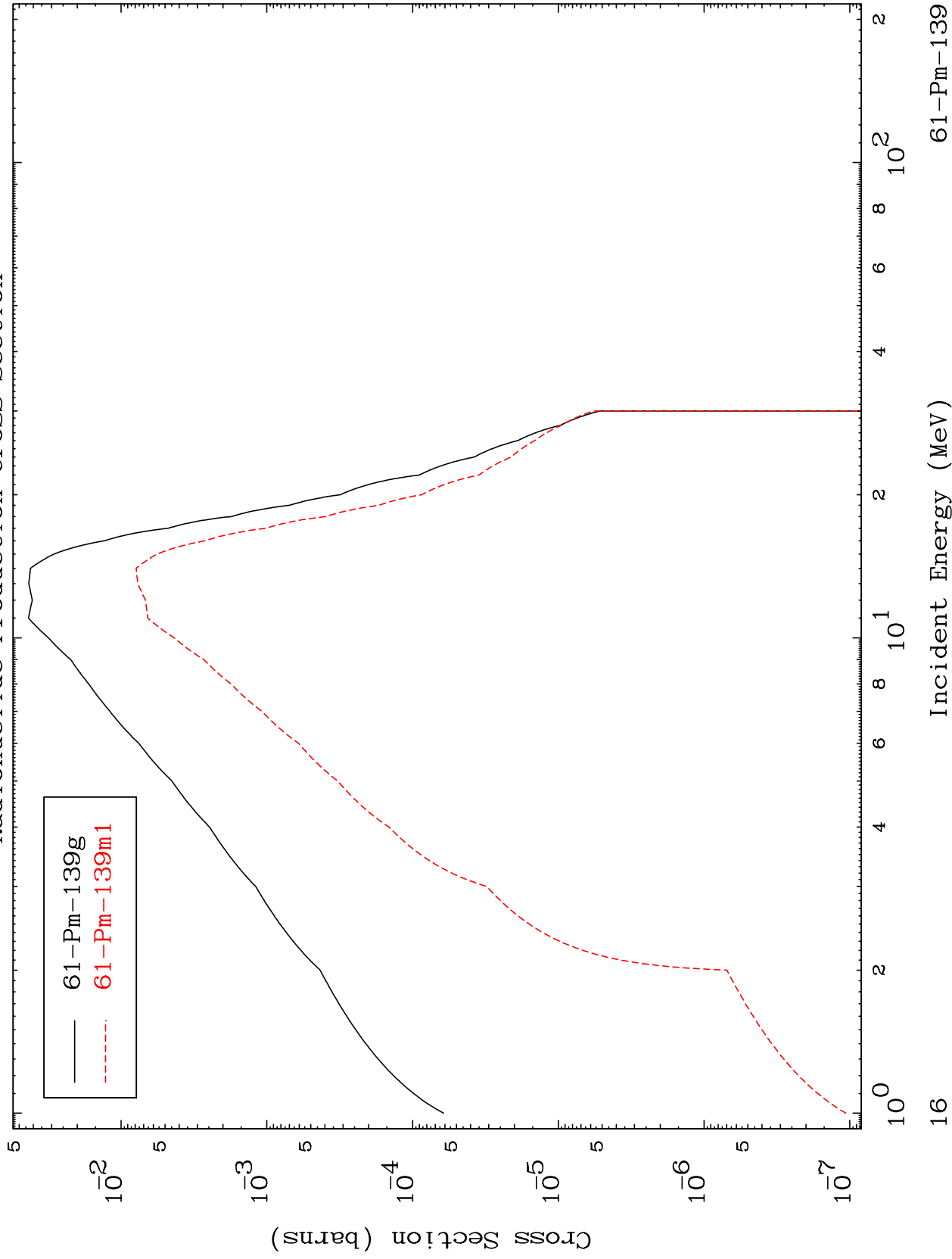
Incident Energy (MeV)

61-Pm-139

MAT 6125

Radionuclide Production Cross Section
(γ, γ)

61-Pm-139



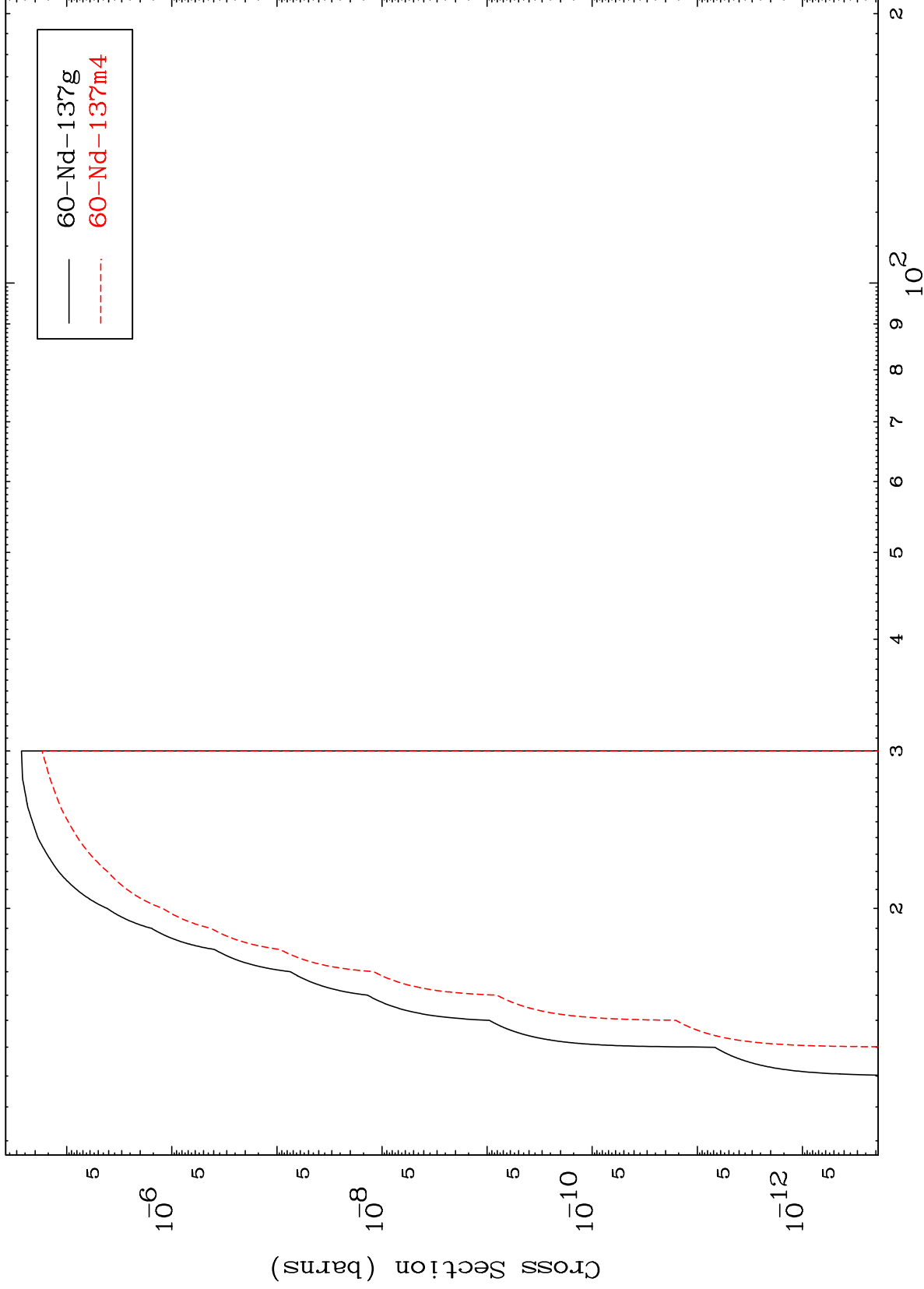
61-Pm-139

MAT 6125

(γ, d)

61-Pm-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

61-Pm-139