

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

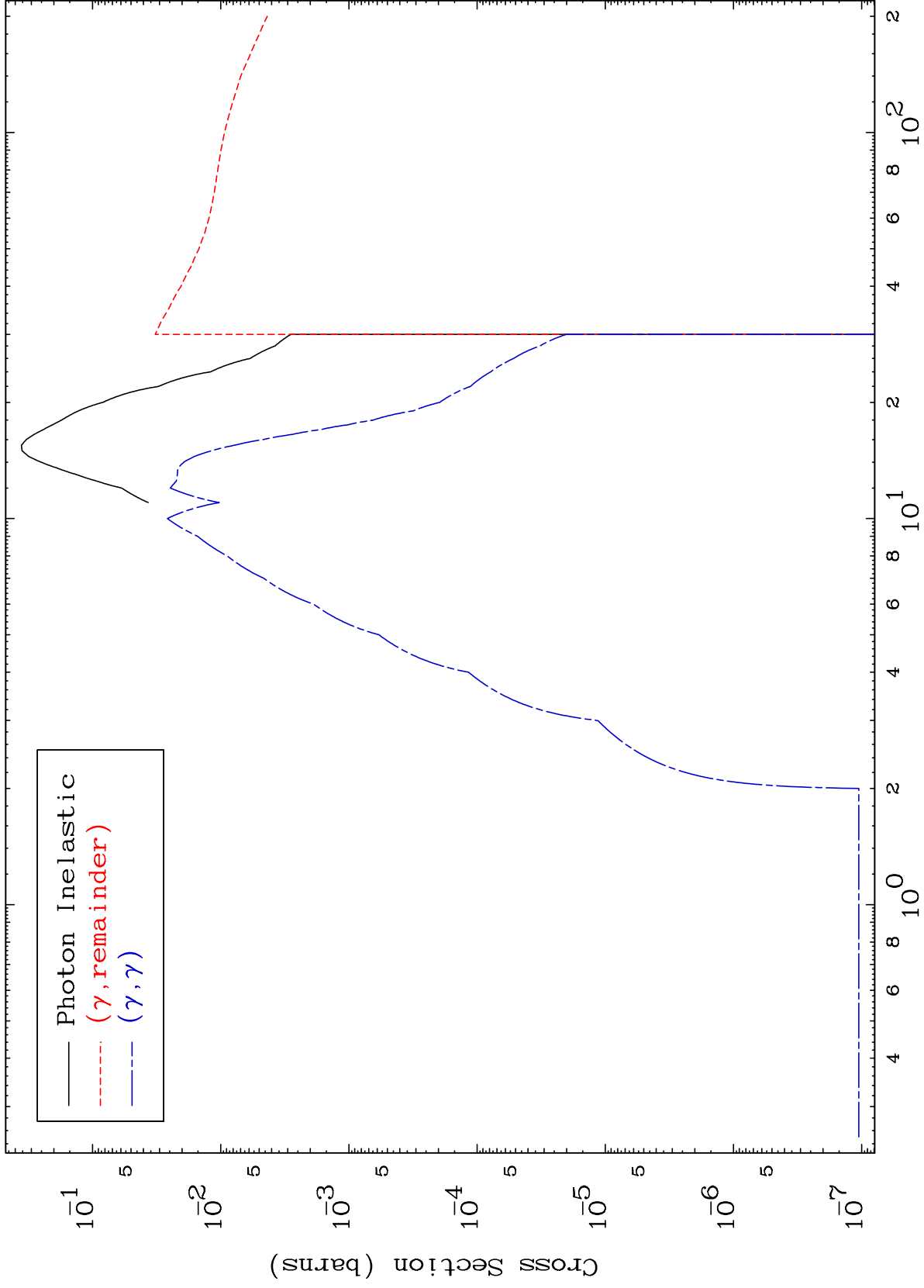
Web:redcullen1.net/HOMEPAGE.NEW

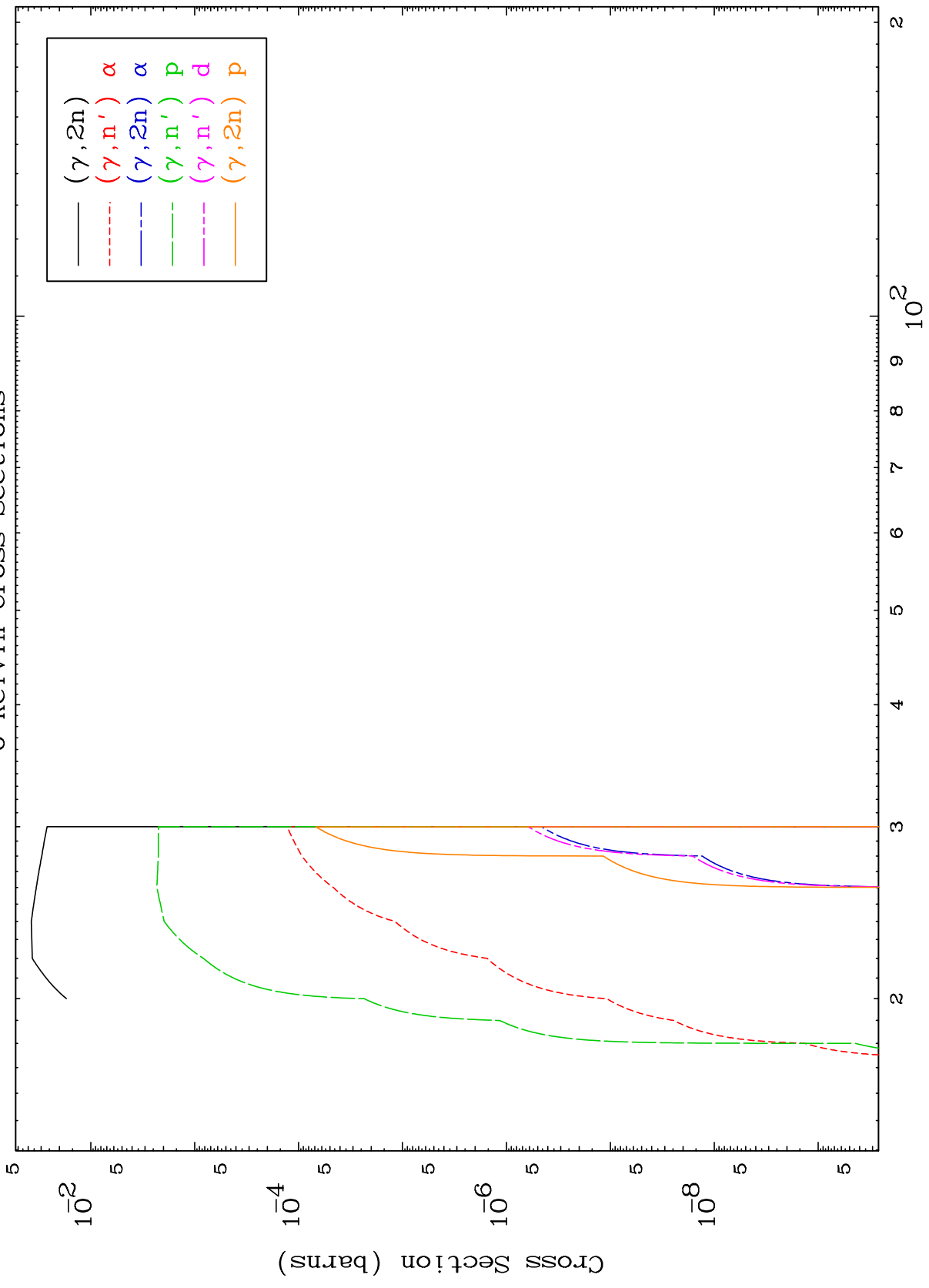
Press Mouse Button to Start

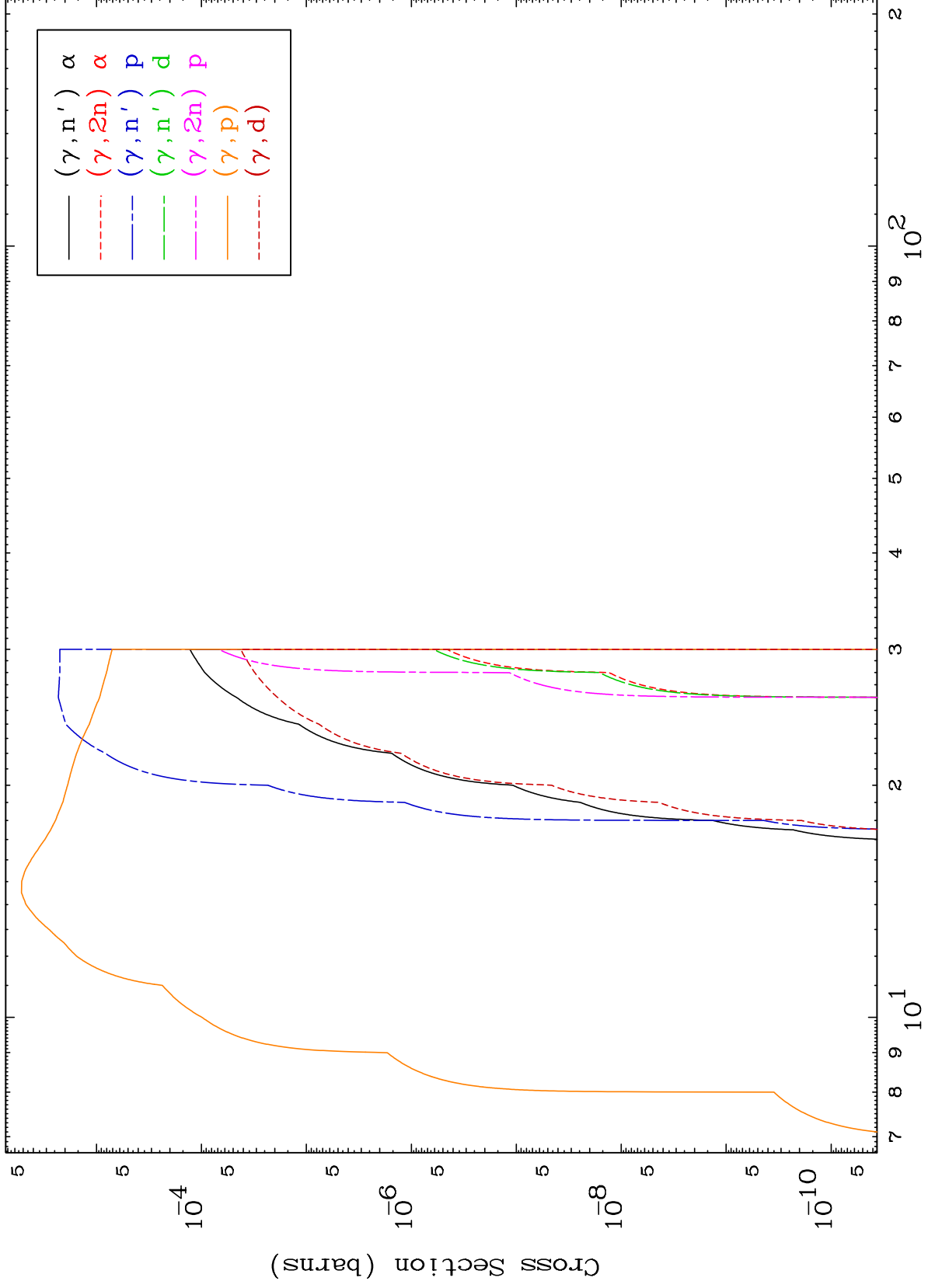
MAT 6225

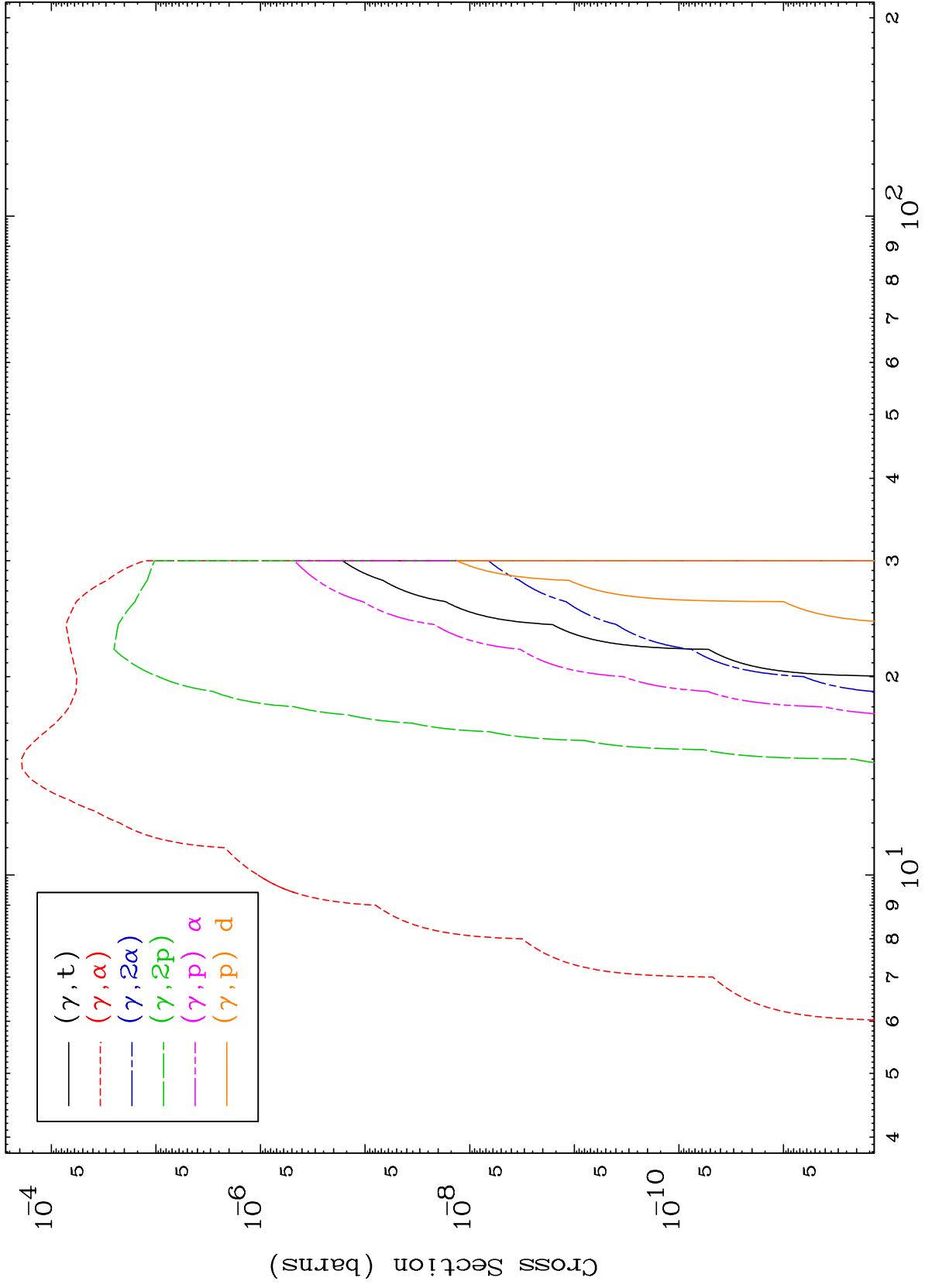
Photon Major
0 Kelvin Cross Sections

62-Sm-144





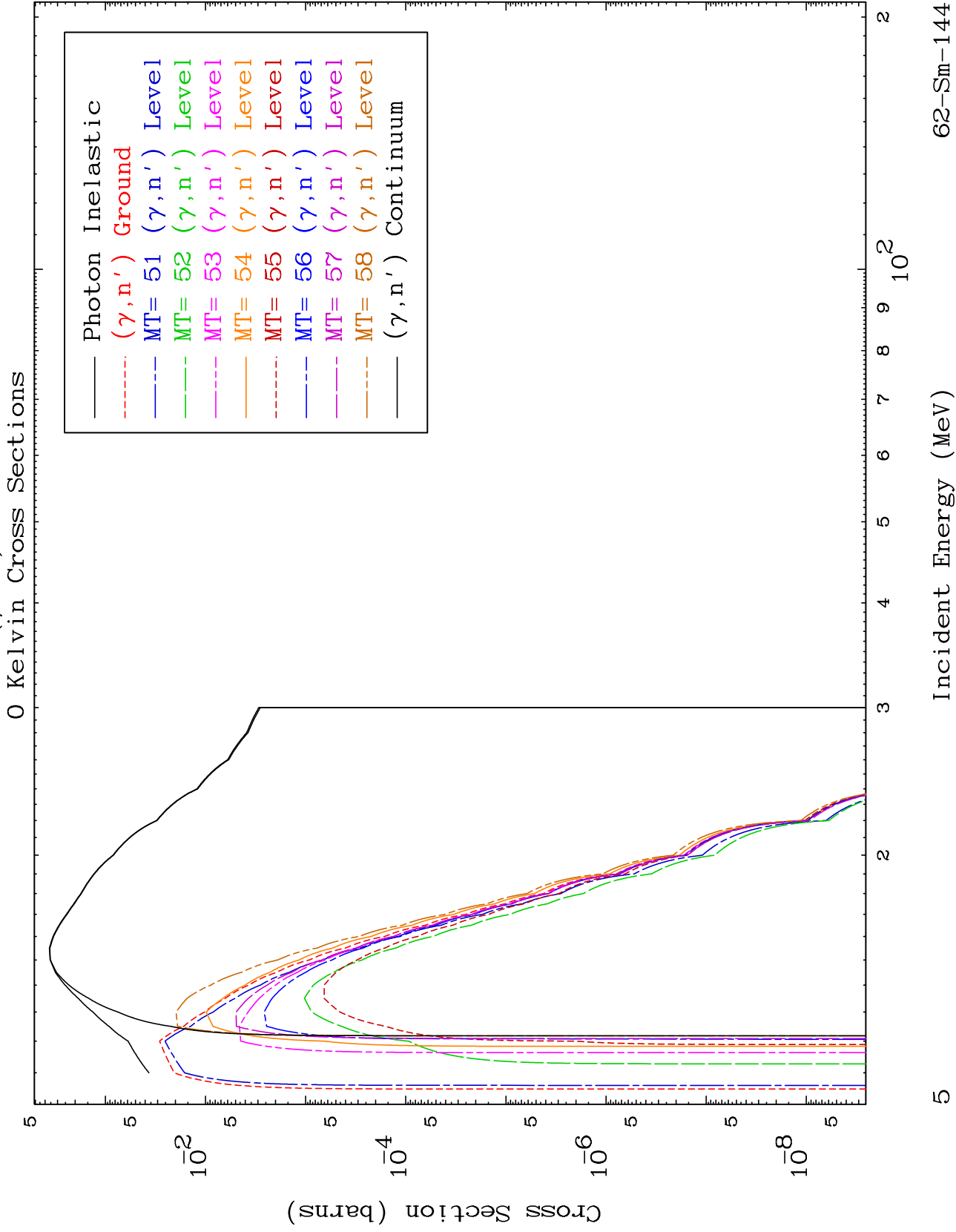




MAT 6225

(γ, n') Level

62-Sm-144



5

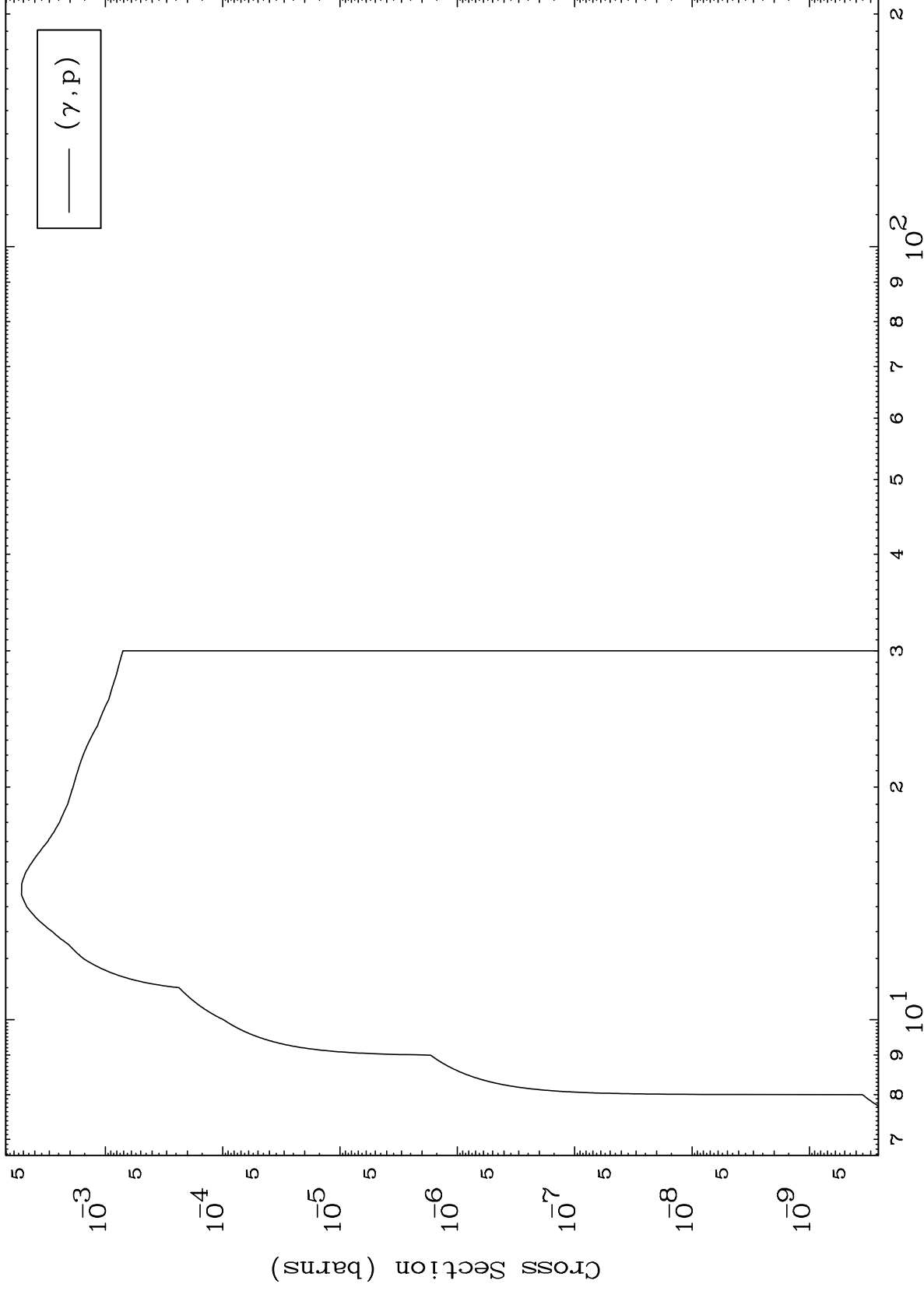
Incident Energy (MeV)

62-Sm-144

MAT 6225

(γ, p) Levels
0 Kelvin Cross Sections

62-Sm-144



(γ, p)

Incident Energy (MeV)

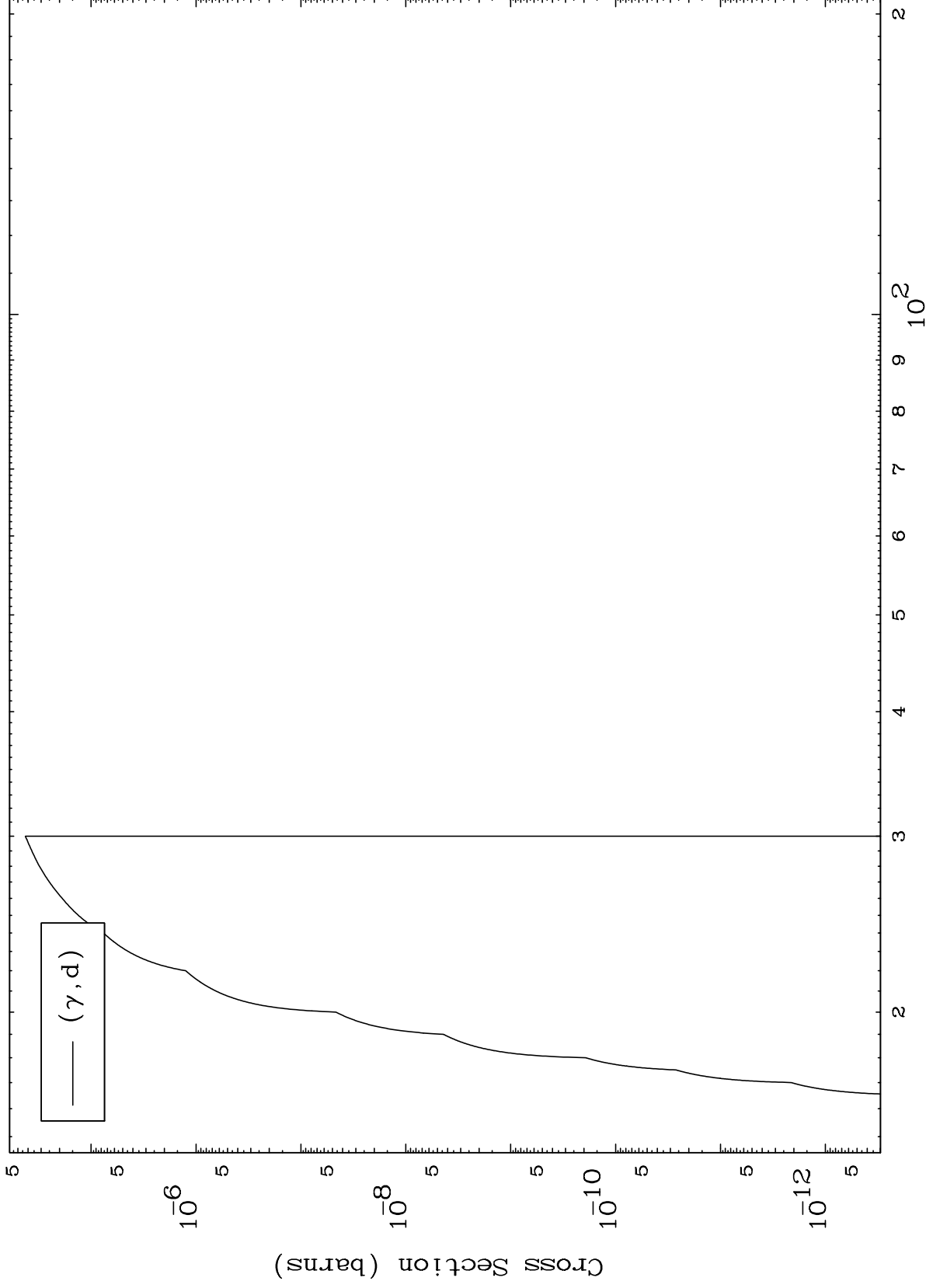
62-Sm-144

6

MAT 6225

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-144



7

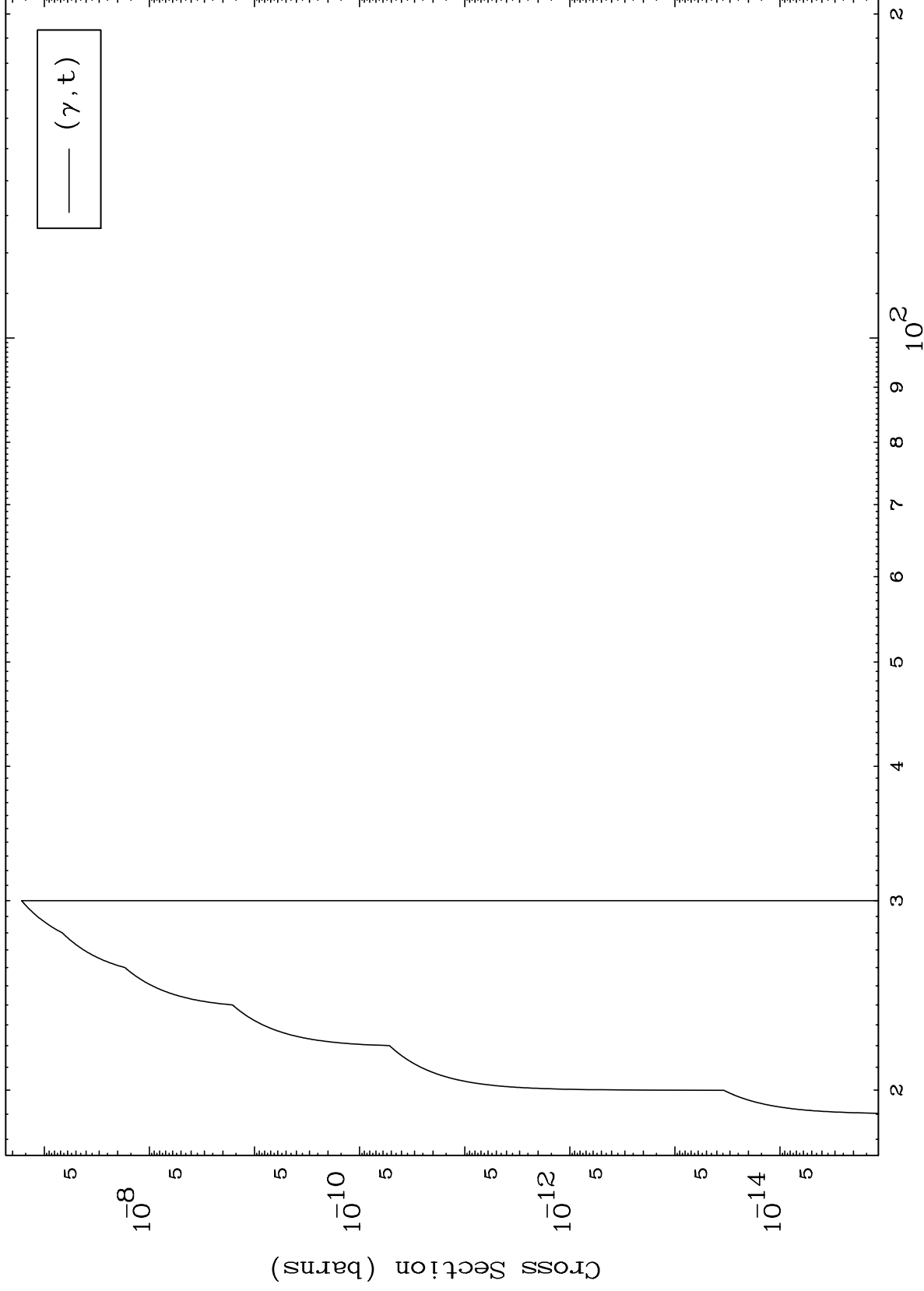
Incident Energy (MeV)

62-Sm-144

MAT 6225

(γ, t) Levels
0 Kelvin Cross Sections

62-Sm-144



8

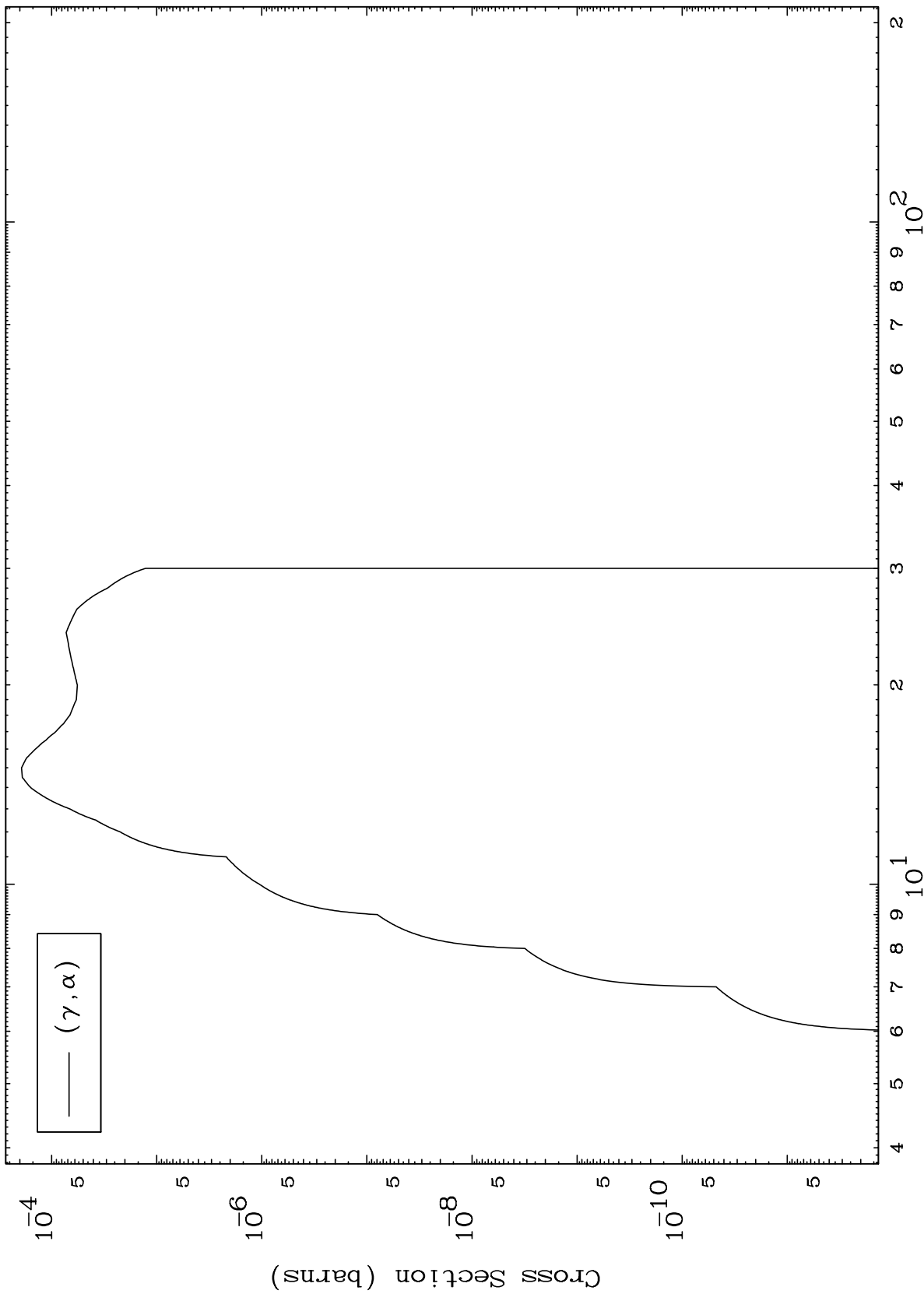
Incident Energy (MeV)

62-Sm-144

MAT 6225

62-Sm-144

(γ, α) Levels
0 Kelvin Cross Sections



(γ, α)

62-Sm-144

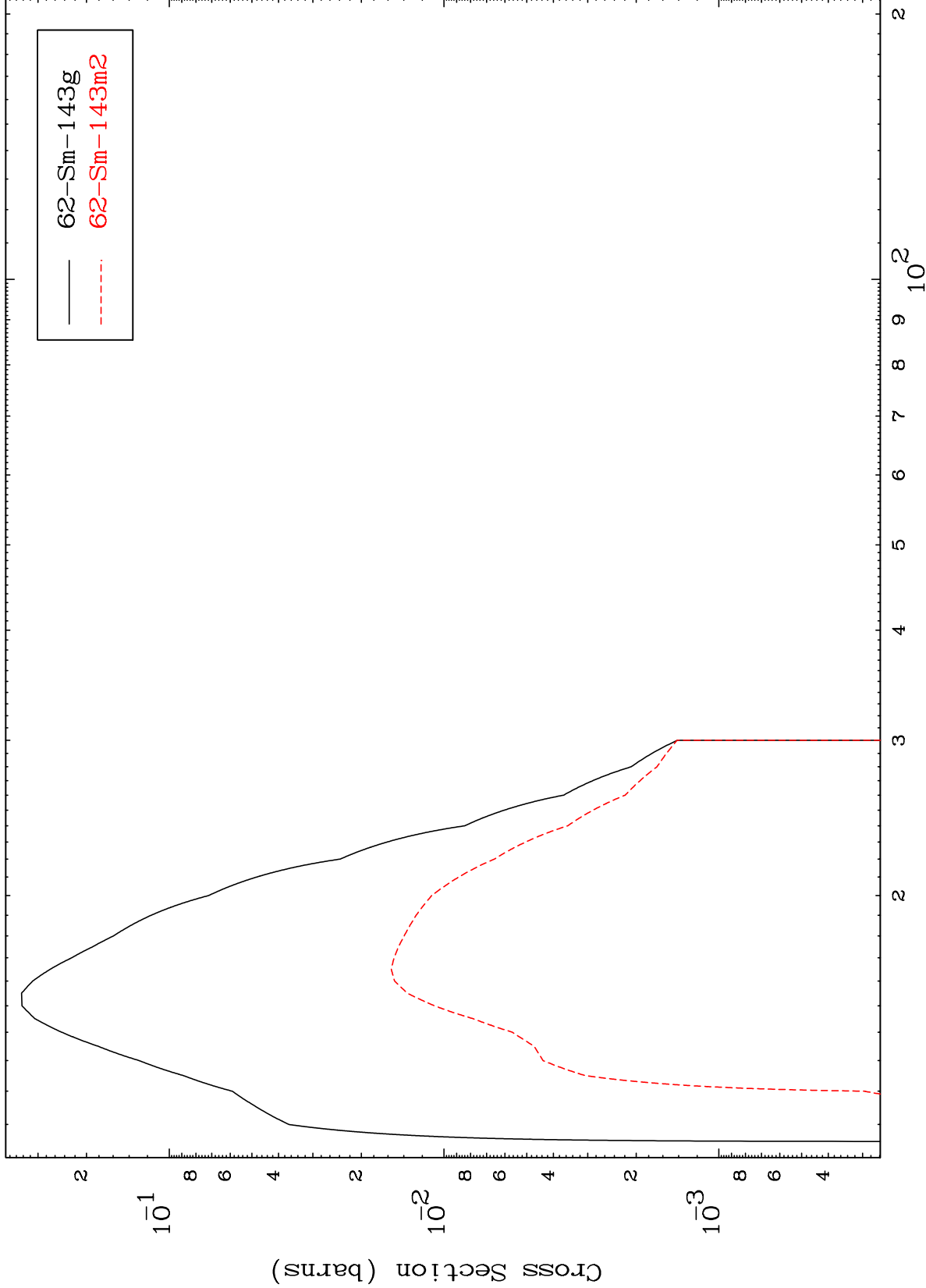
Incident Energy (MeV)

9

MAT 6225

Photon Inelastic
Radionuclide Production Cross Section

62-Sm-144



10

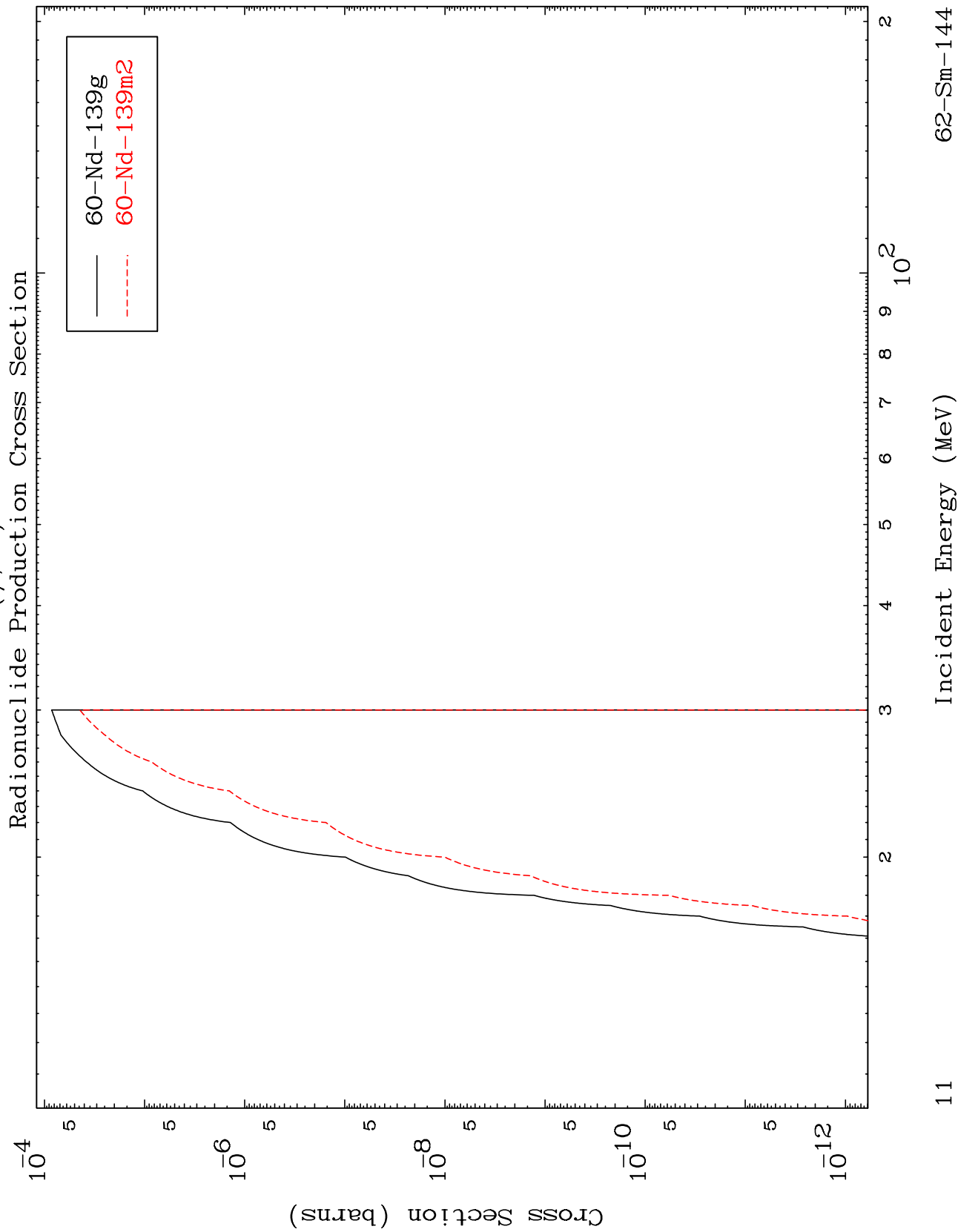
Incident Energy (MeV)

62-Sm-144

MAT 6225

(γ, n') α

62-Sm-144

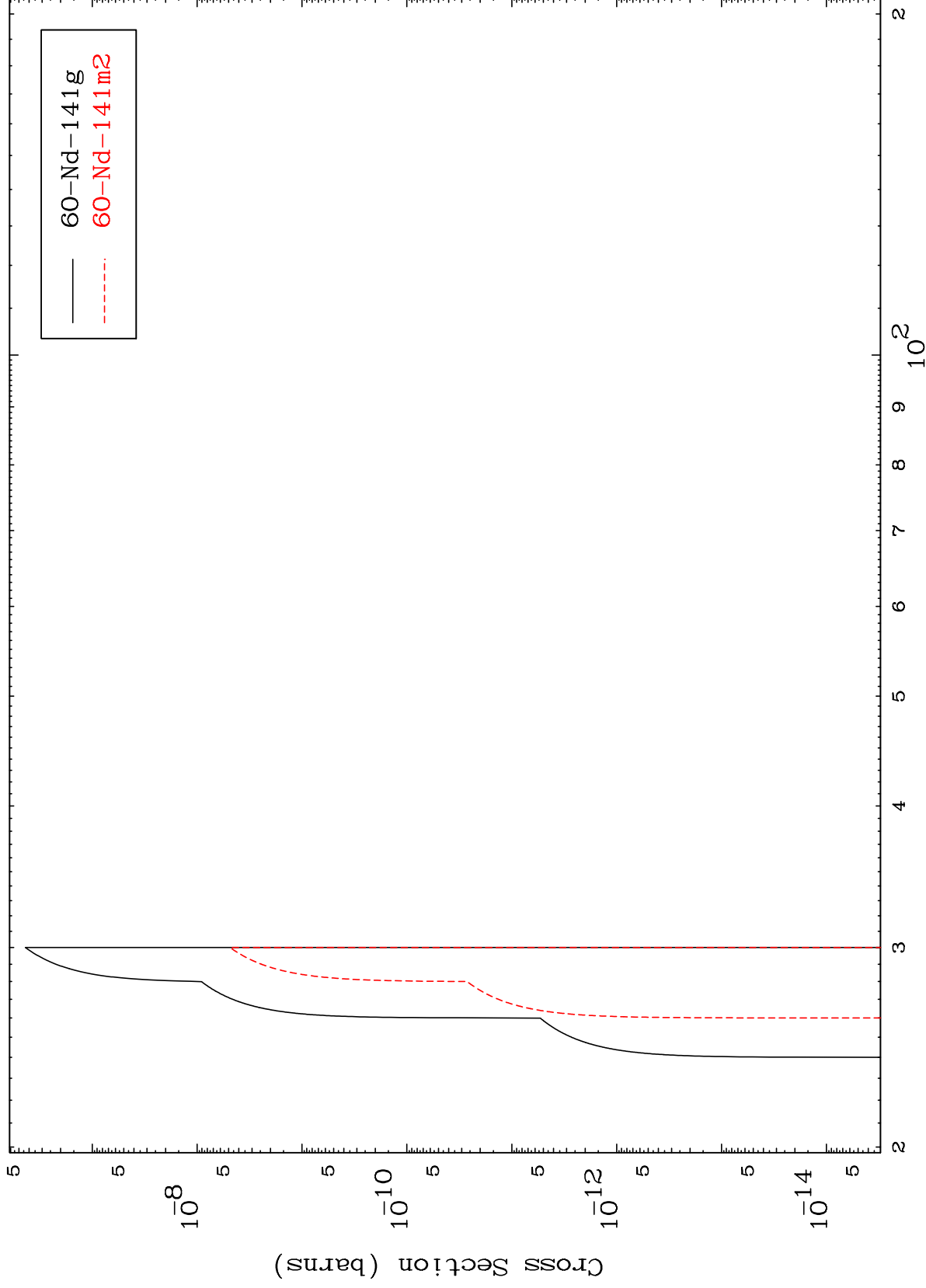


MAT 6225

$(\gamma, 2n)$ p

62-Sm-144

Radionuclide Production Cross Section



12

Incident Energy (MeV)

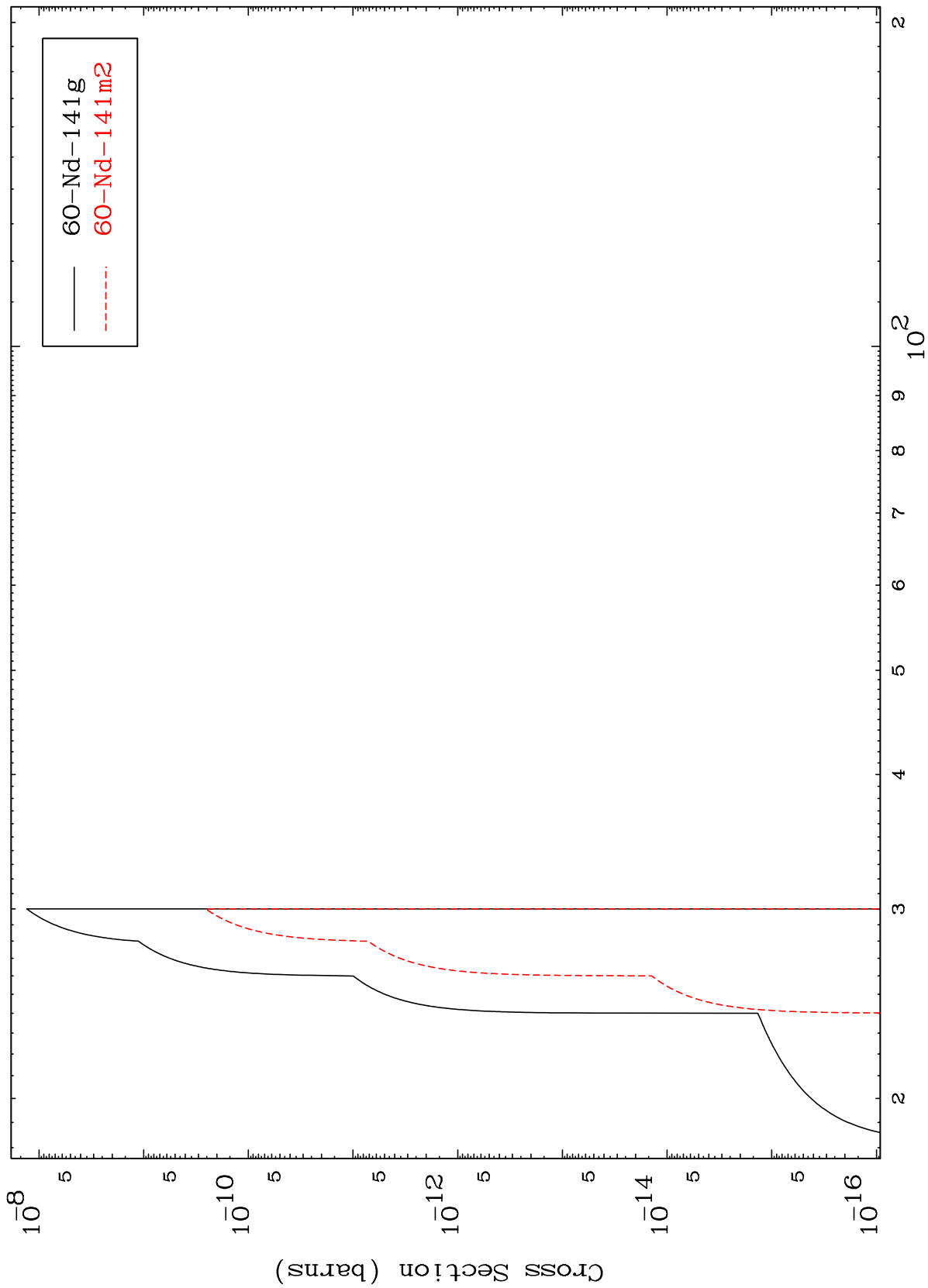
62-Sm-144

MAT 6225

(γ, p) d

62-Sm-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

62-Sm-144