

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

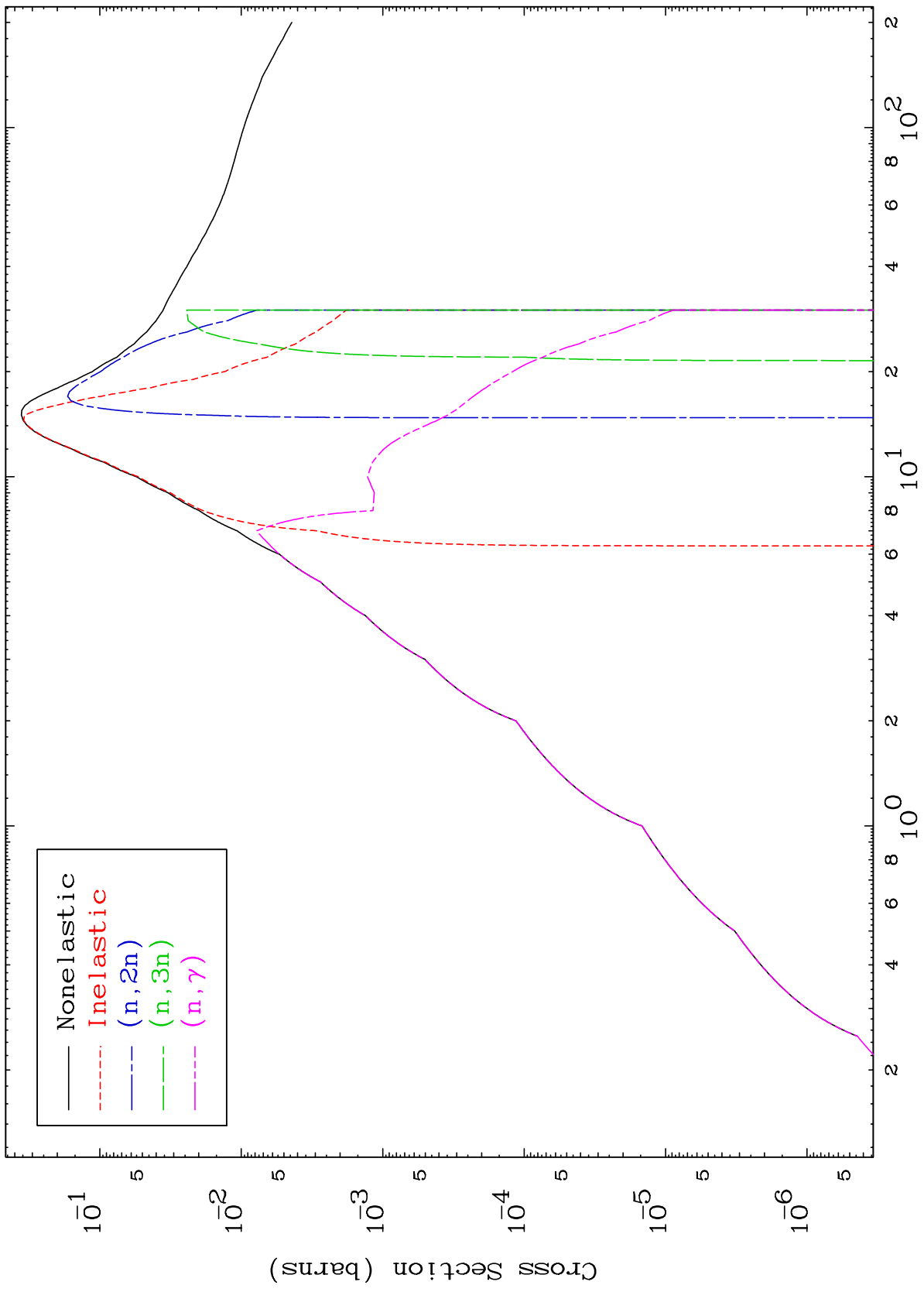
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

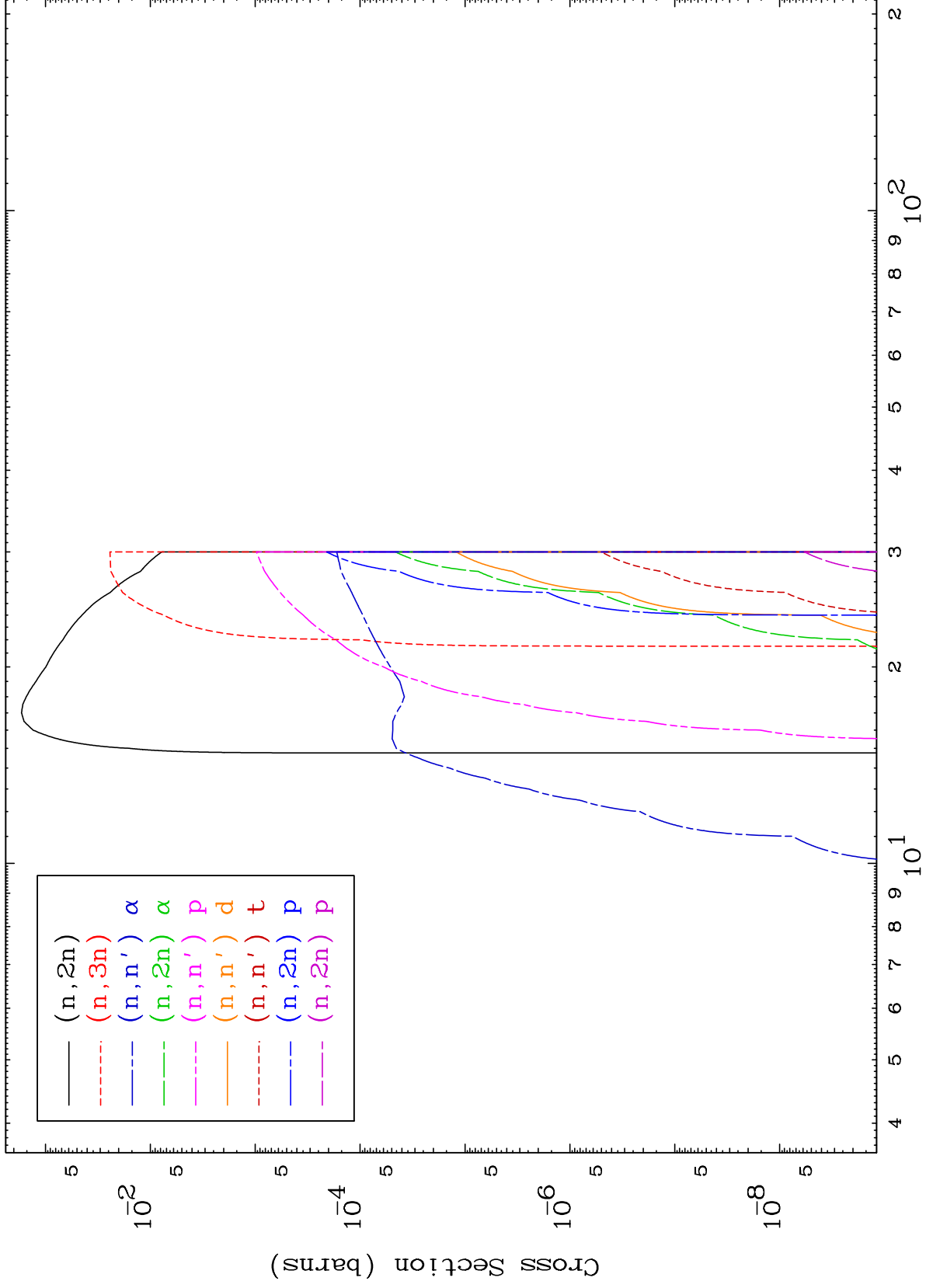
Tele: 925-443-1911

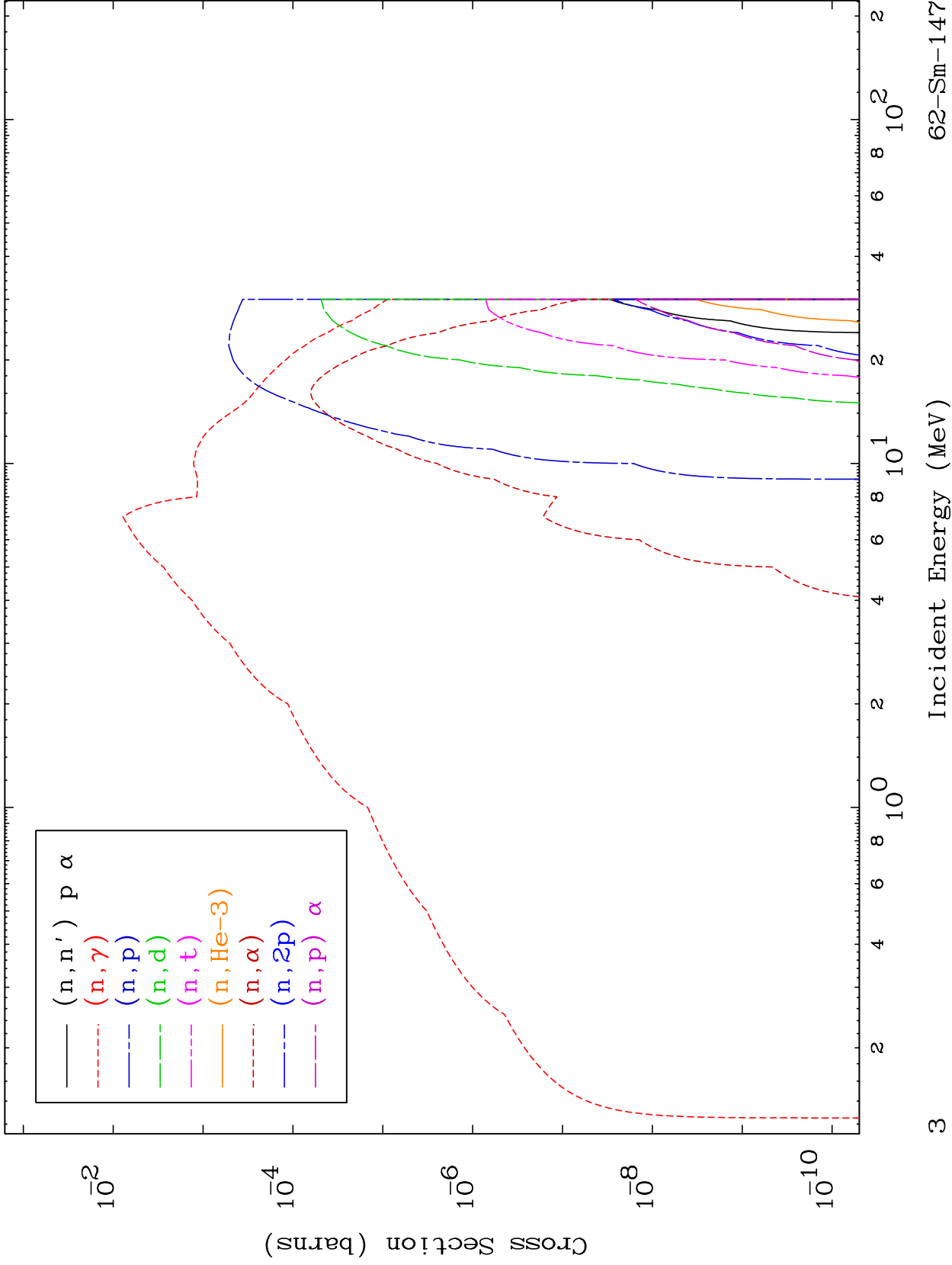
E.Mail: redcullen1@comcast.net

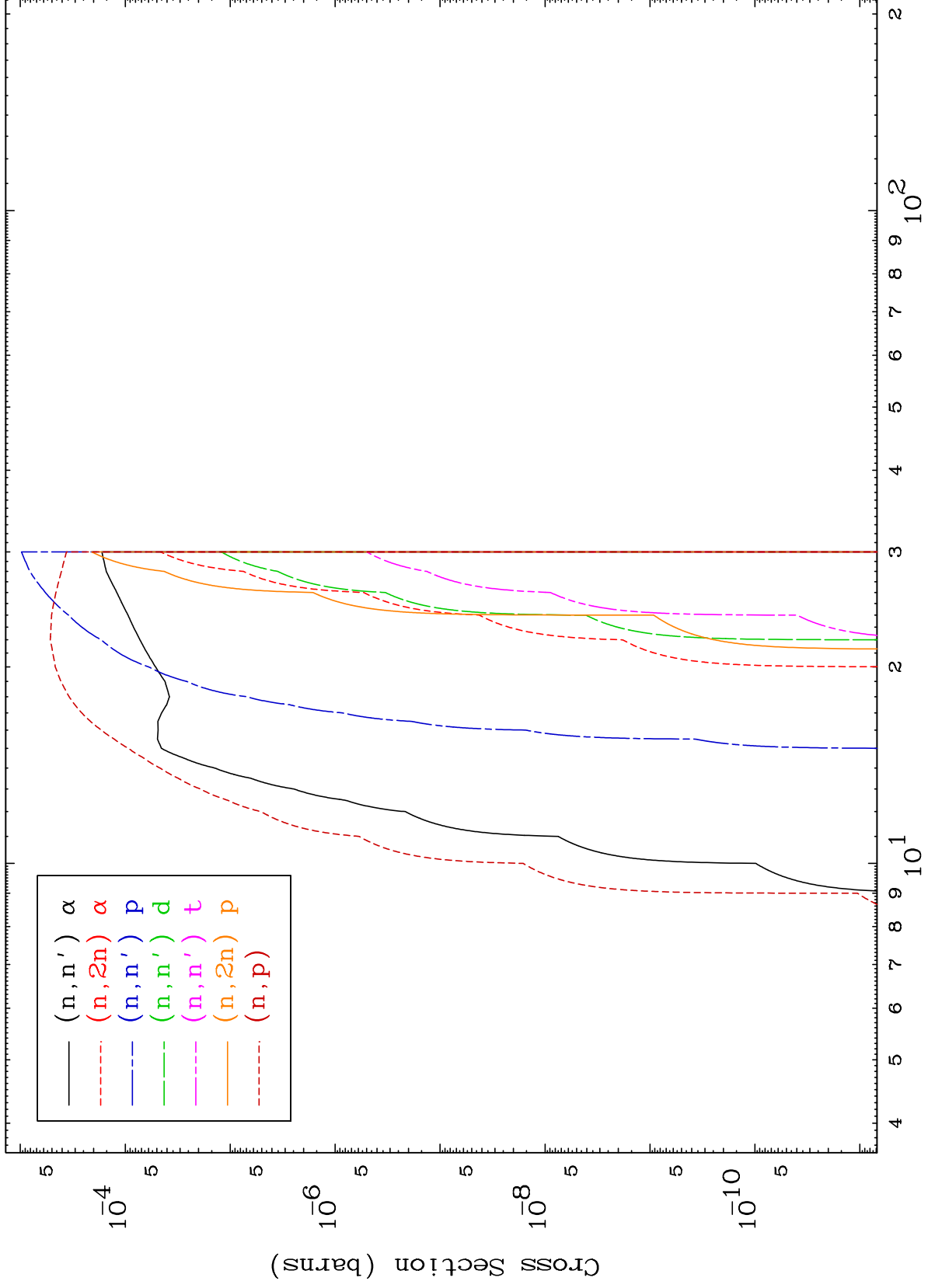
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





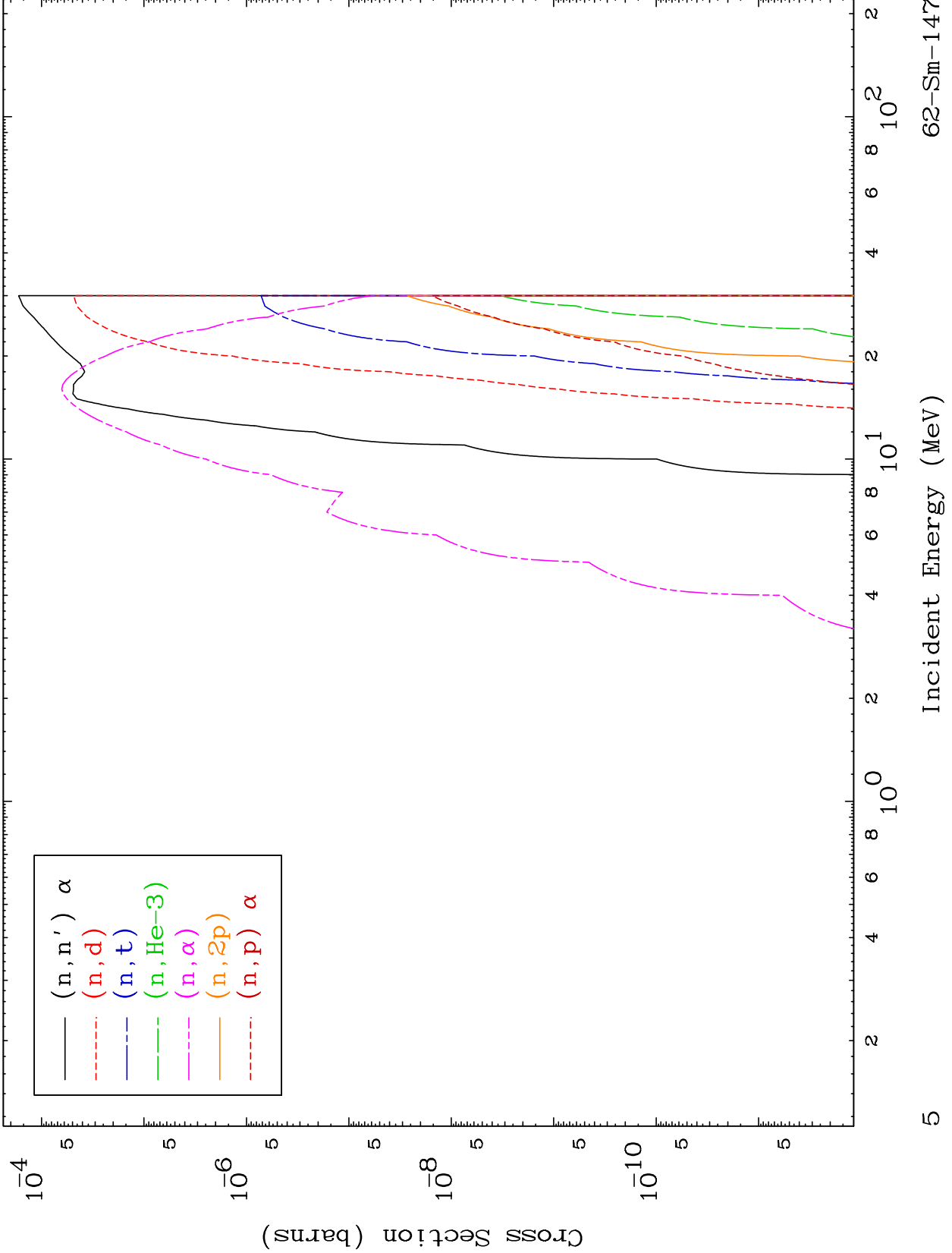




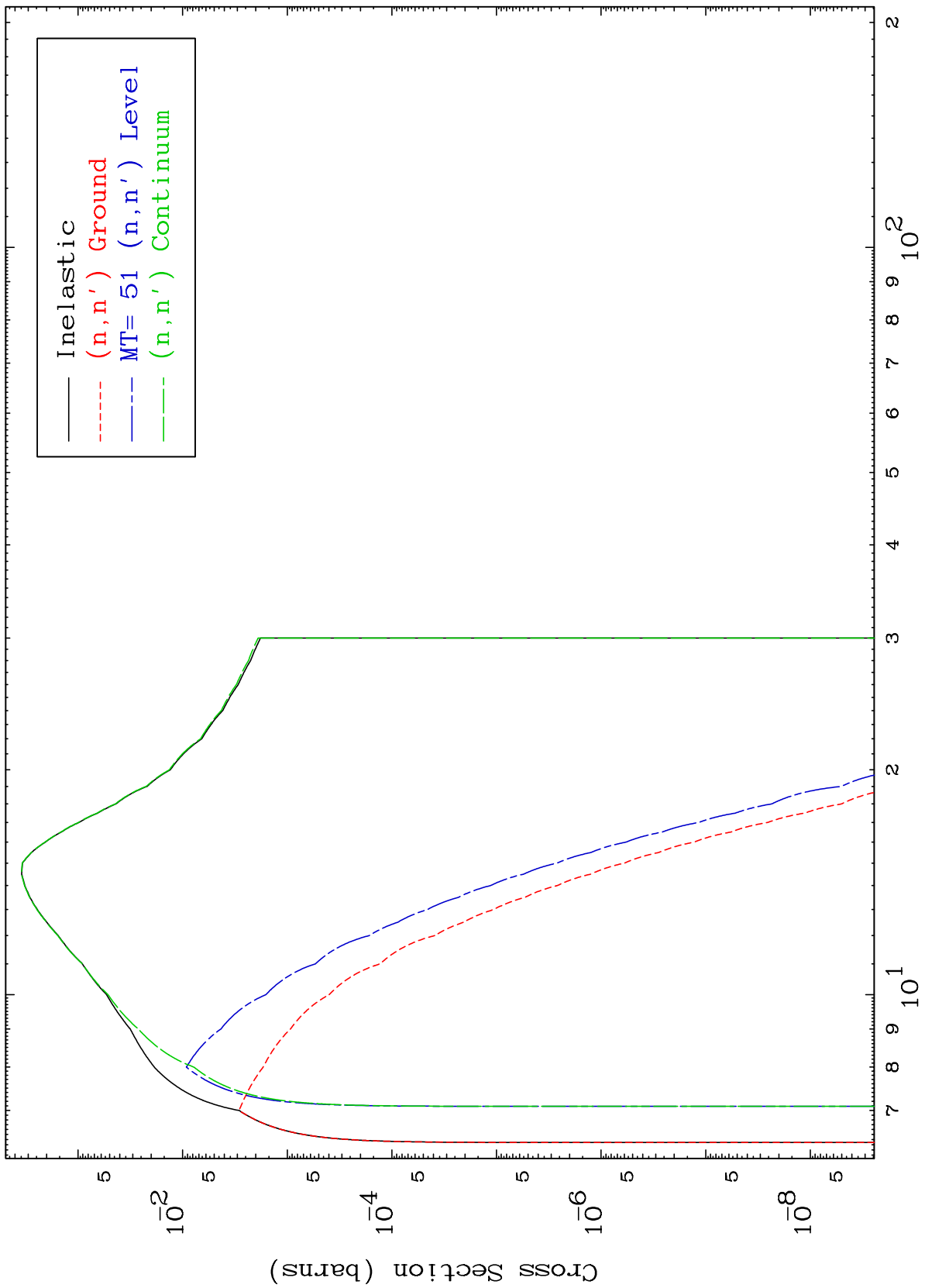
MAT 6234

Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-147



(γ, n') Levels
0 Kelvin Cross Sections

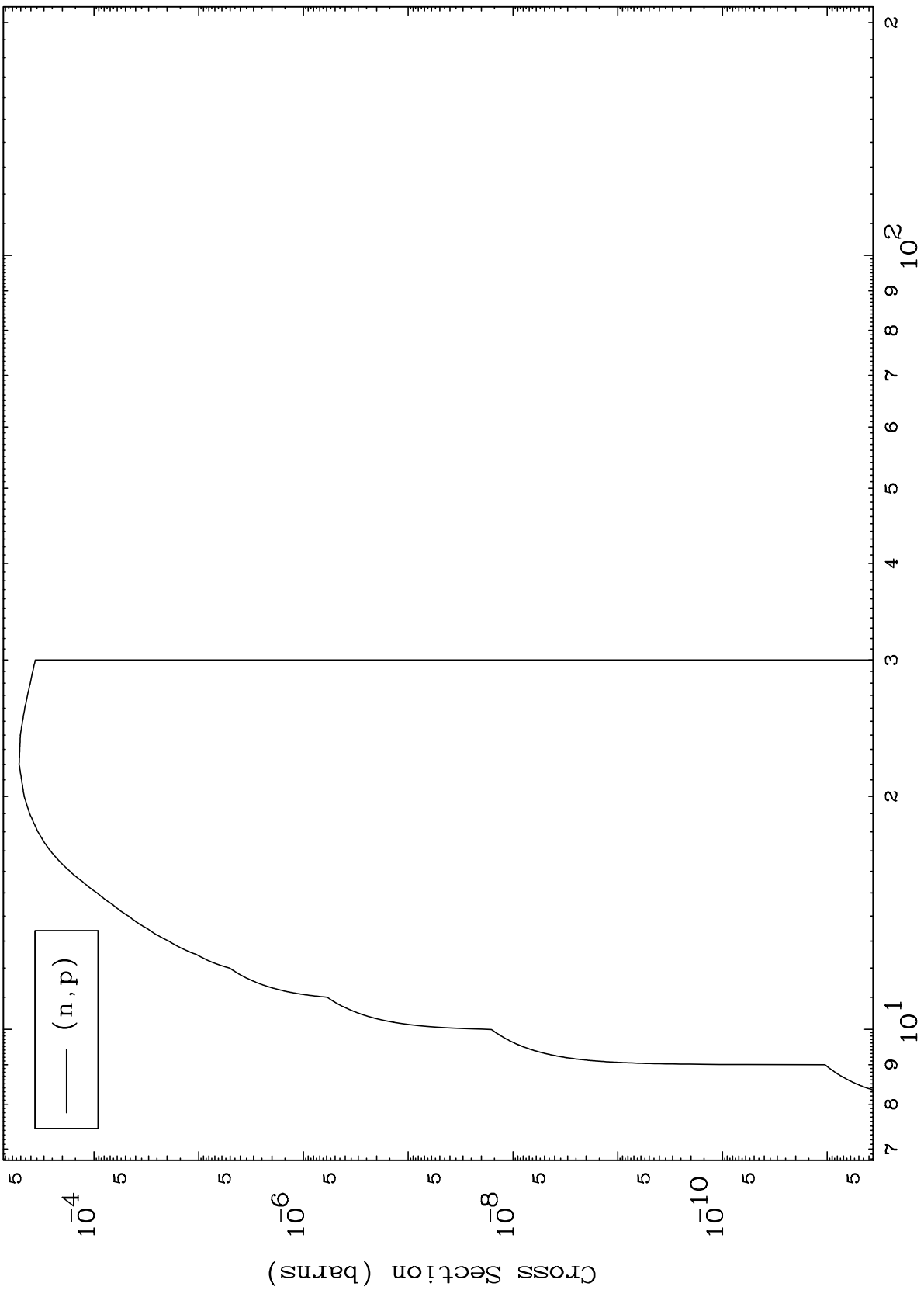


MAT 6234

(γ, p) Levels

62-Sm-147

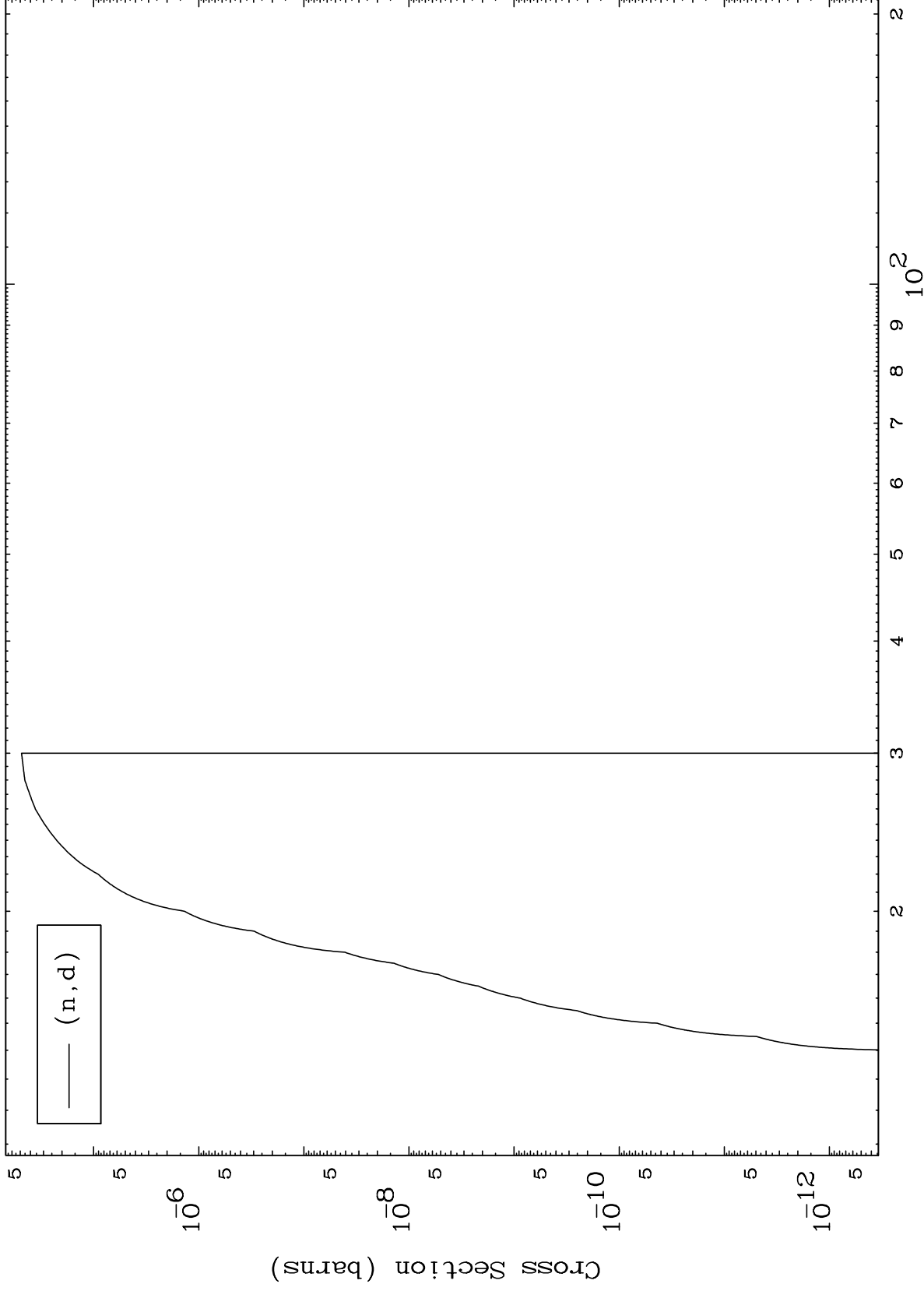
0 Kelvin Cross Sections



7

Incident Energy (MeV)

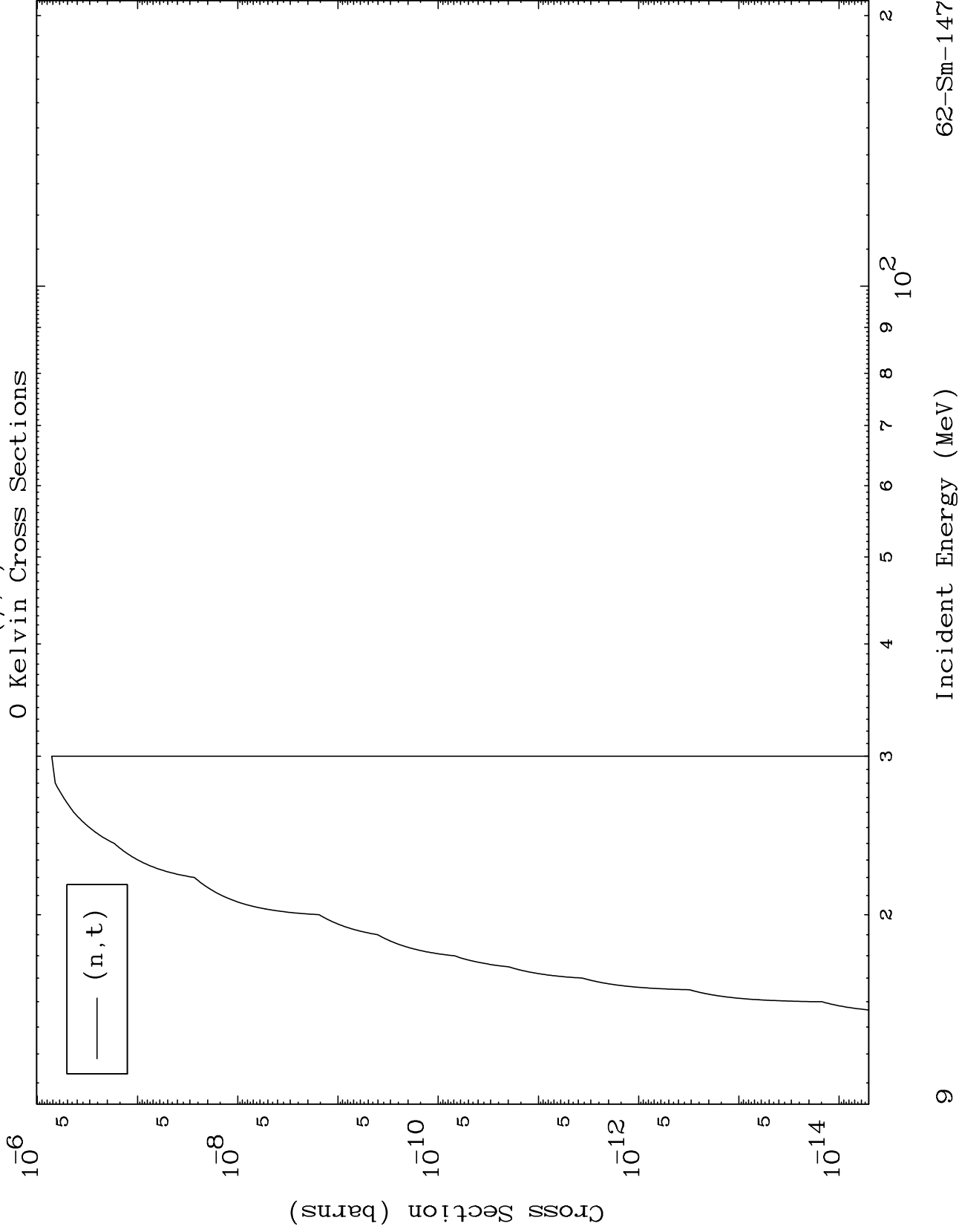
62-Sm-147



MAT 6234

(γ, t) Levels

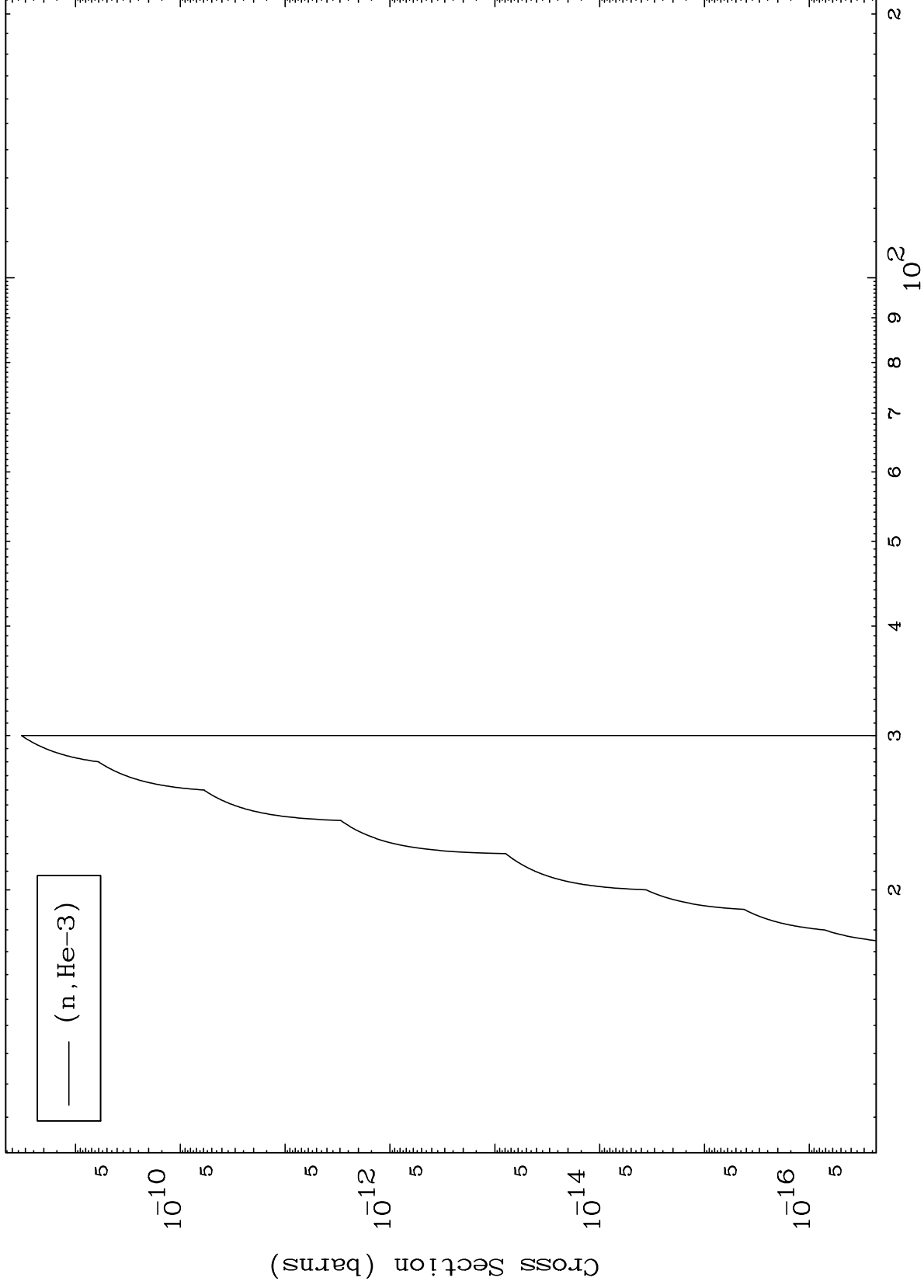
62-Sm-147



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

62-Sm-147



10

Incident Energy (MeV)

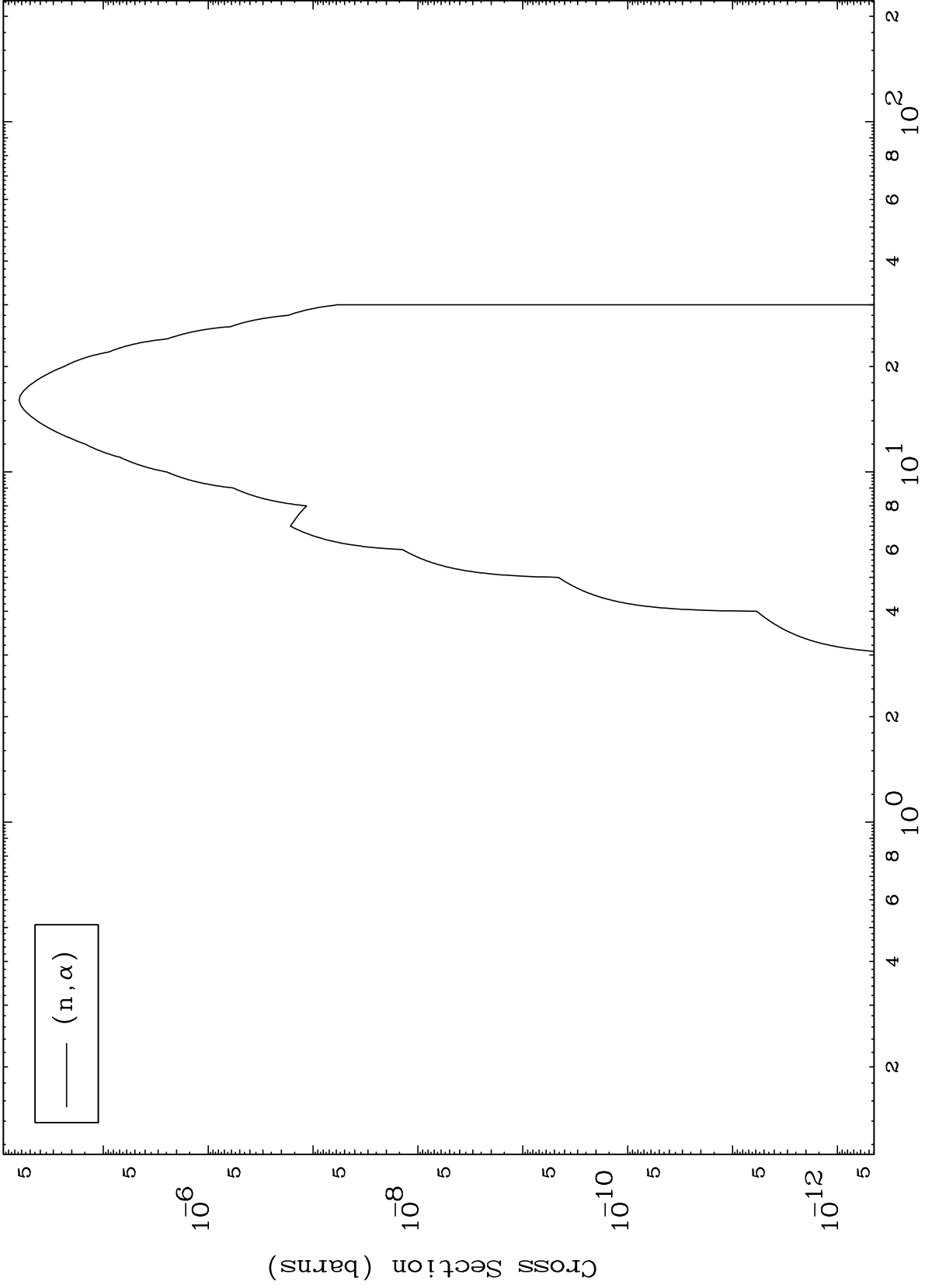
62-Sm-147

MAT 6234

(γ, α) Levels

62-Sm-147

0 Kelvin Cross Sections

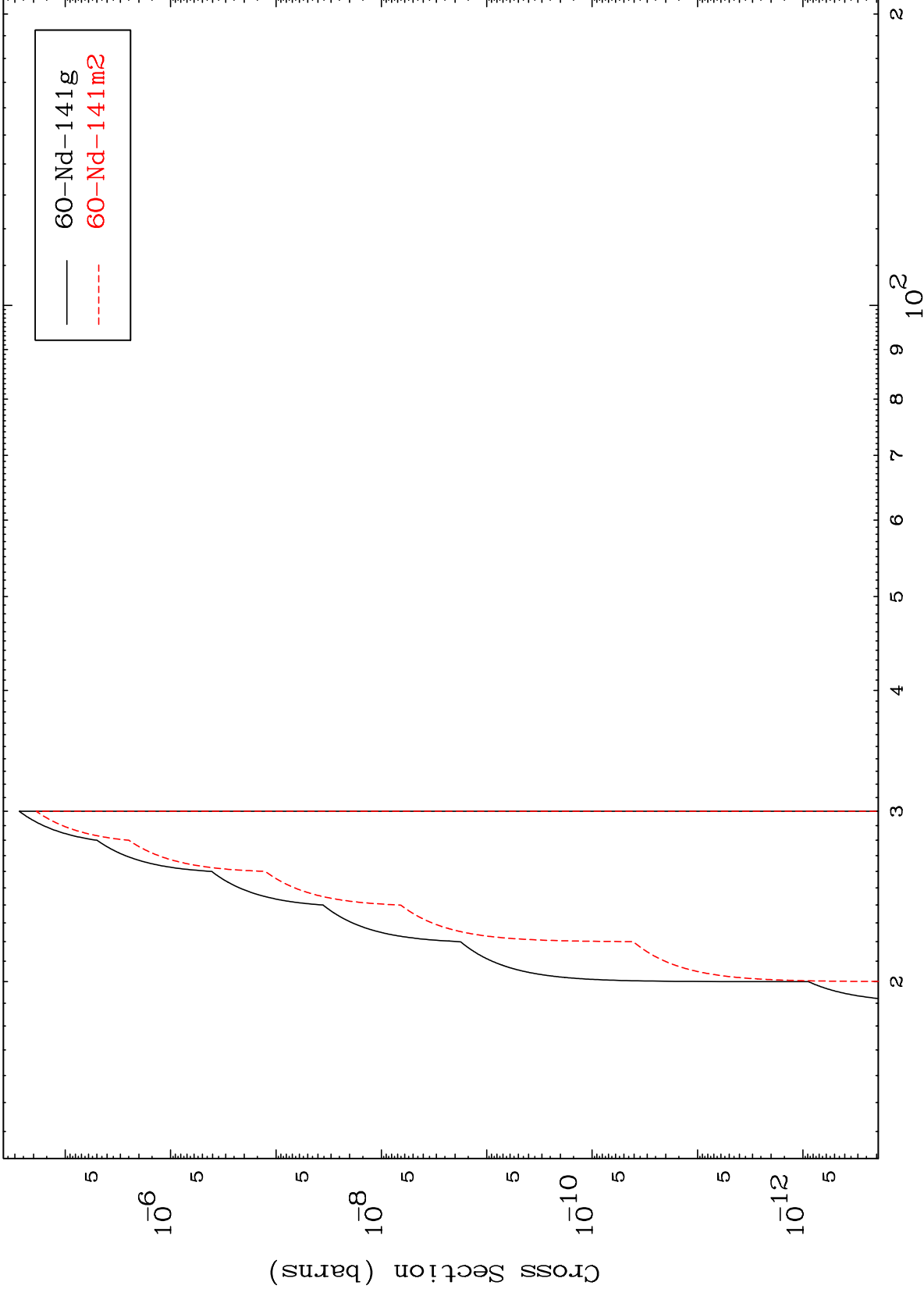


MAT 62334

$(n,2n) \alpha$

62-Sm-147

Radionuclide Production Cross Section



12

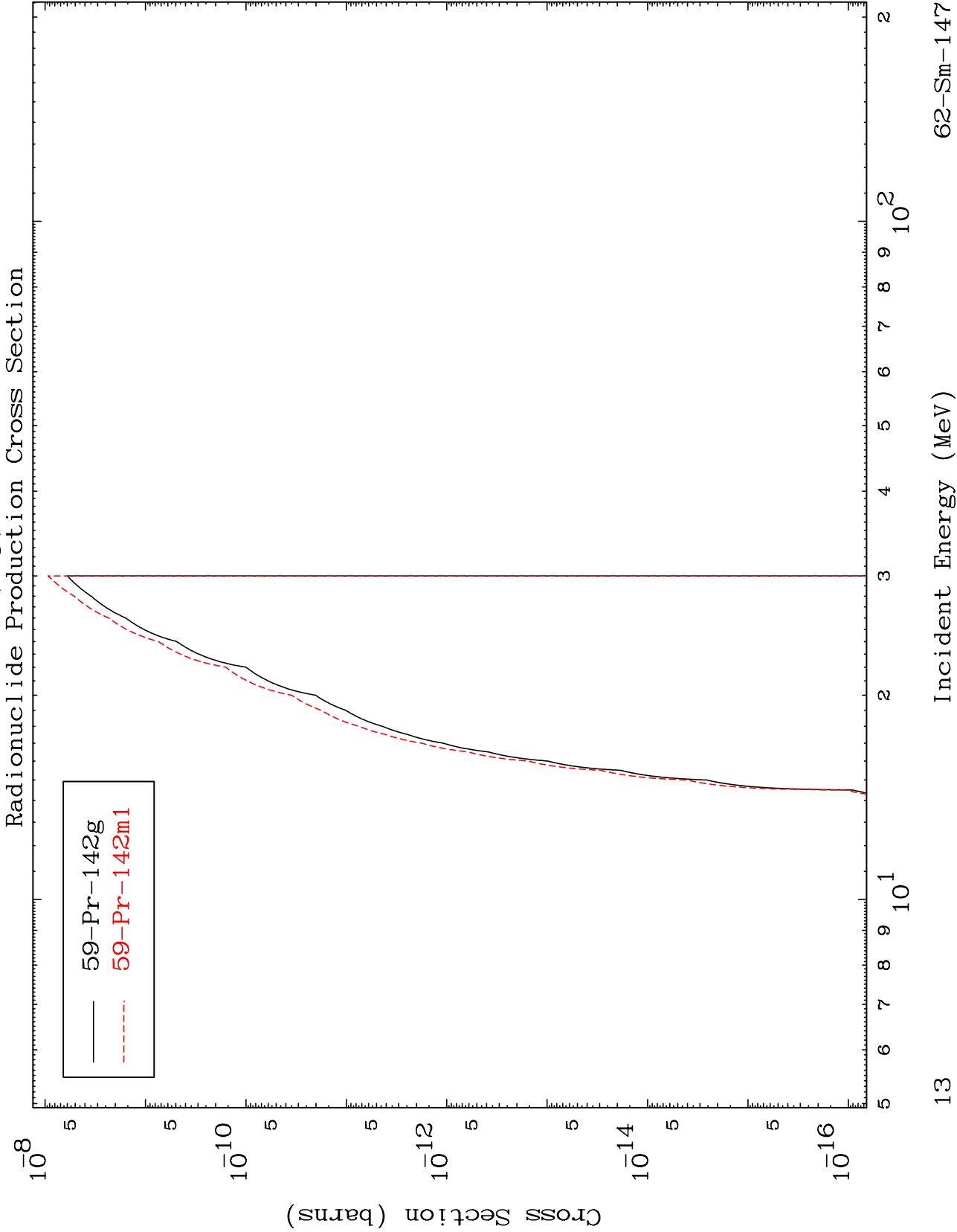
Incident Energy (MeV)

62-Sm-147

MAT 6234

(n,p) α

62-Sm-147



59-Pr-142g
59-Pr-142m1

13

Incident Energy (MeV)

62-Sm-147