

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

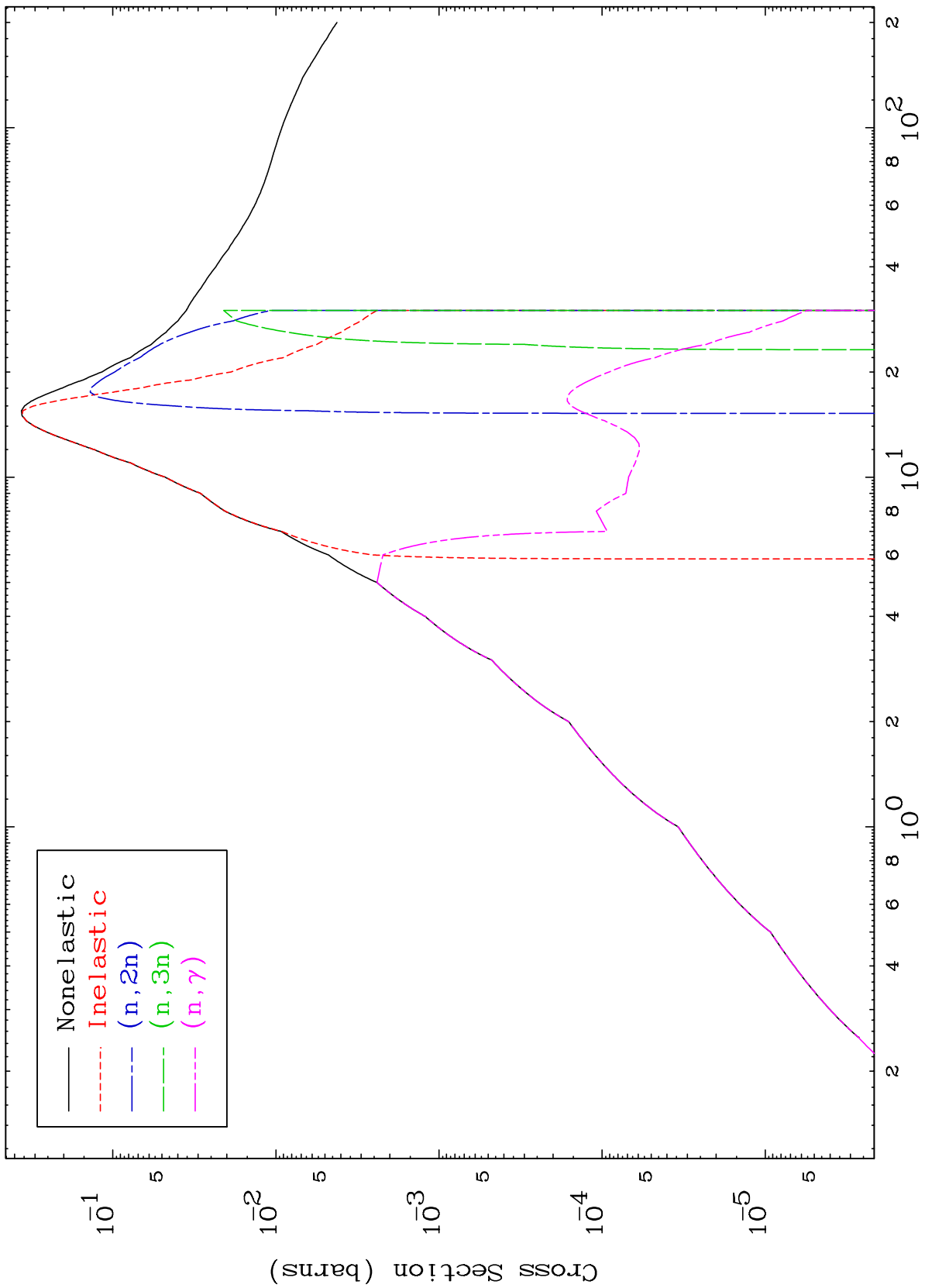
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

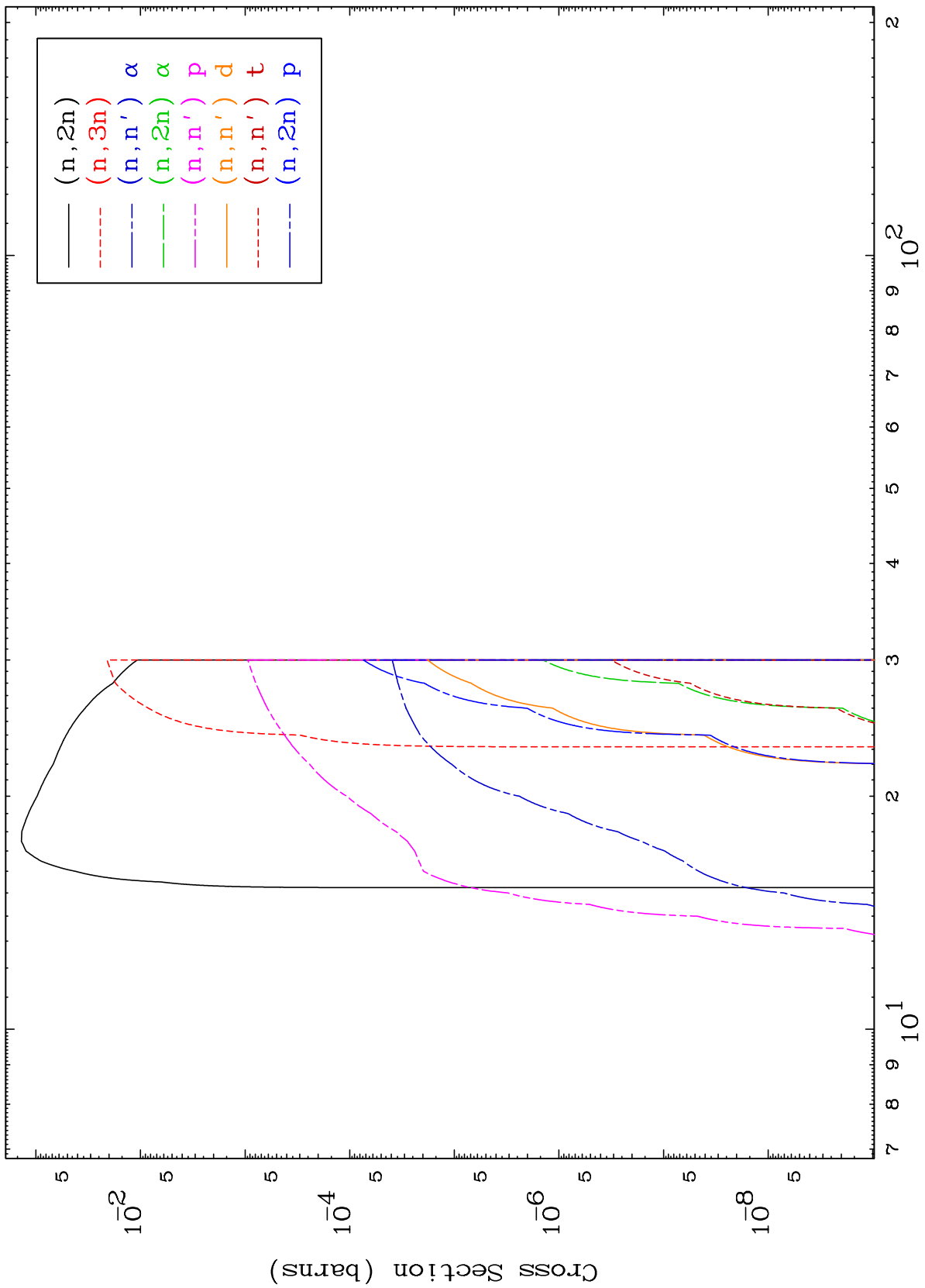
Tele: 925-443-1911

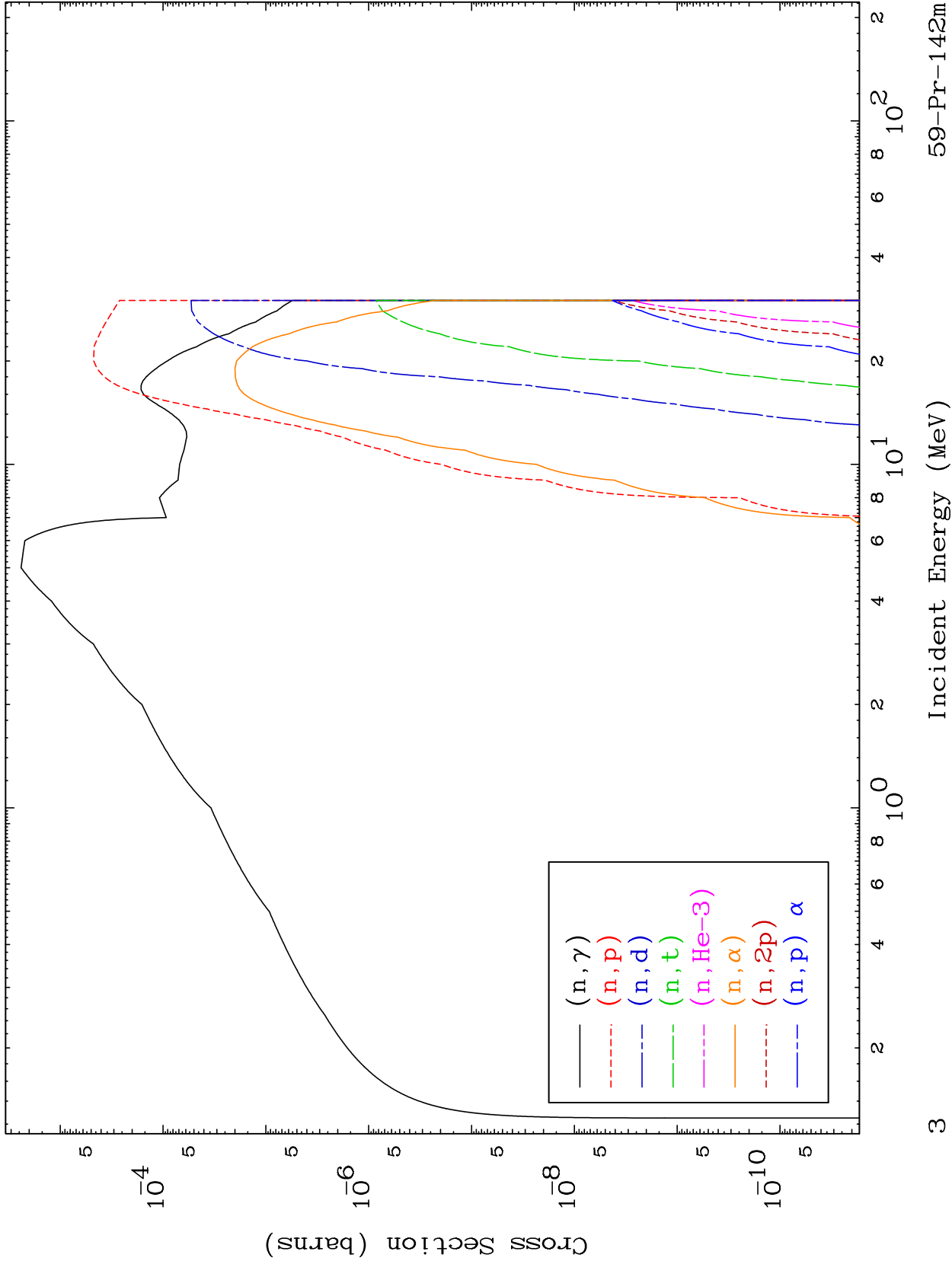
E.Mail:redcullen1@comcast.net

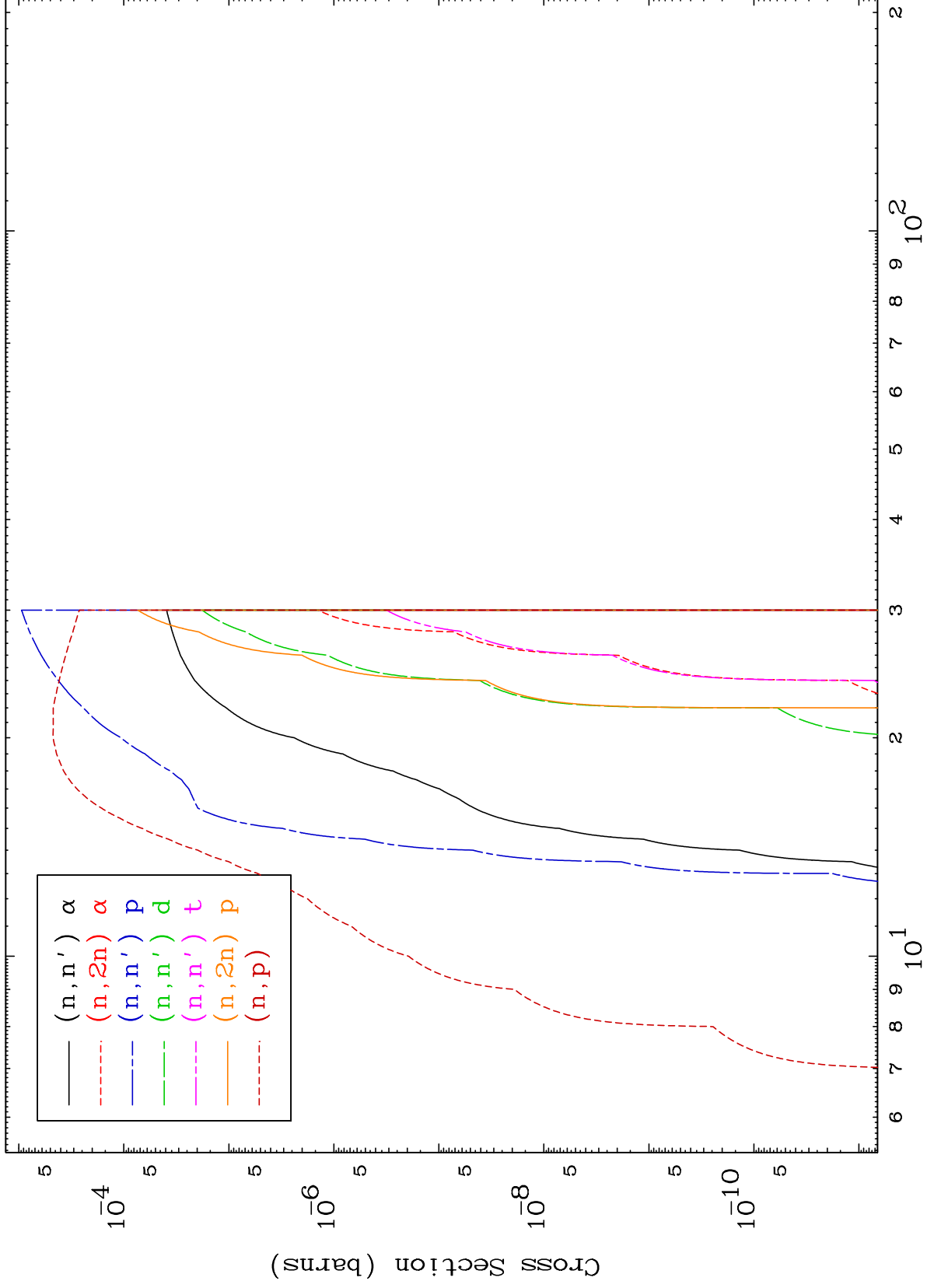
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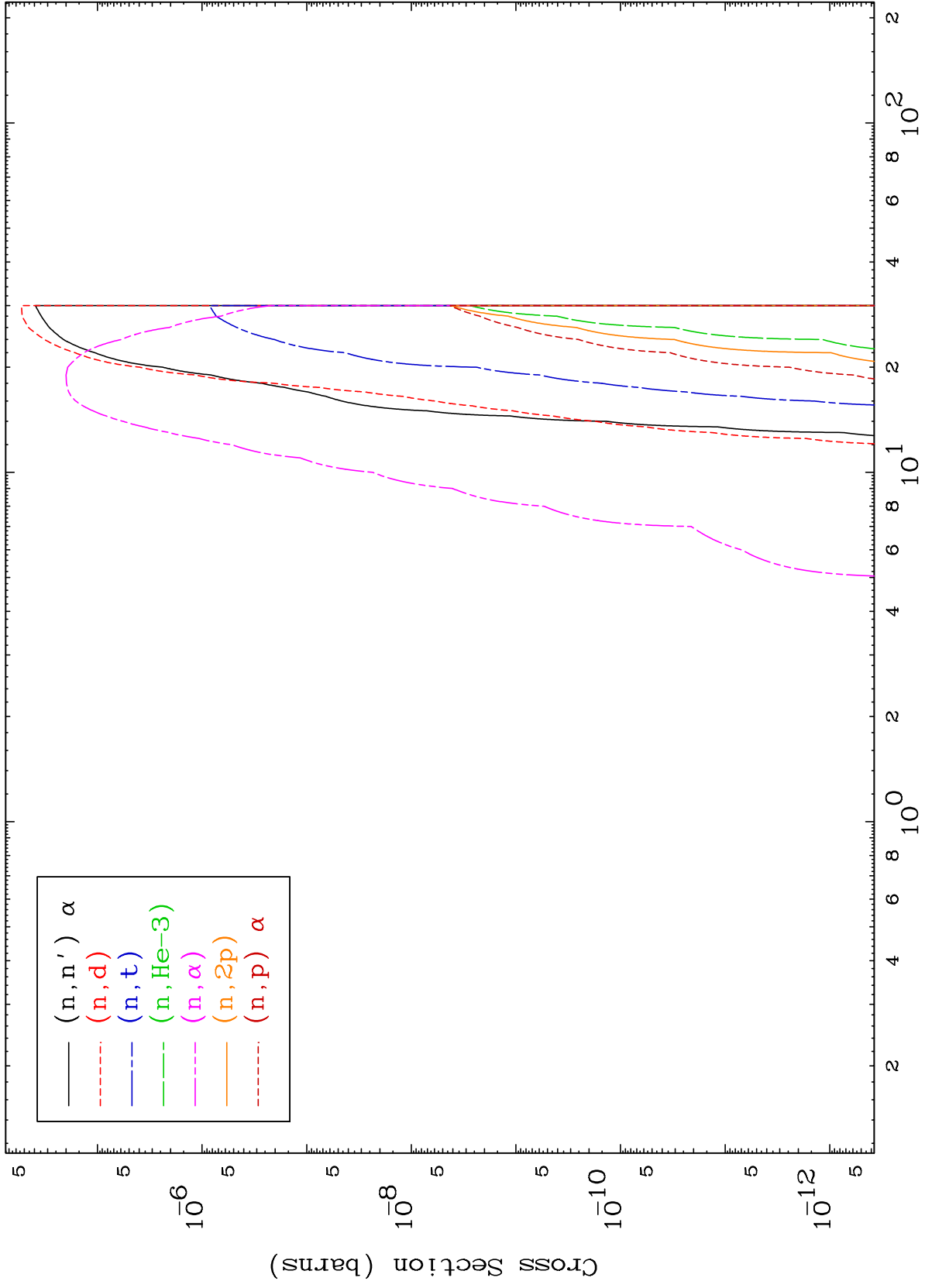
Press Mouse Button to Start







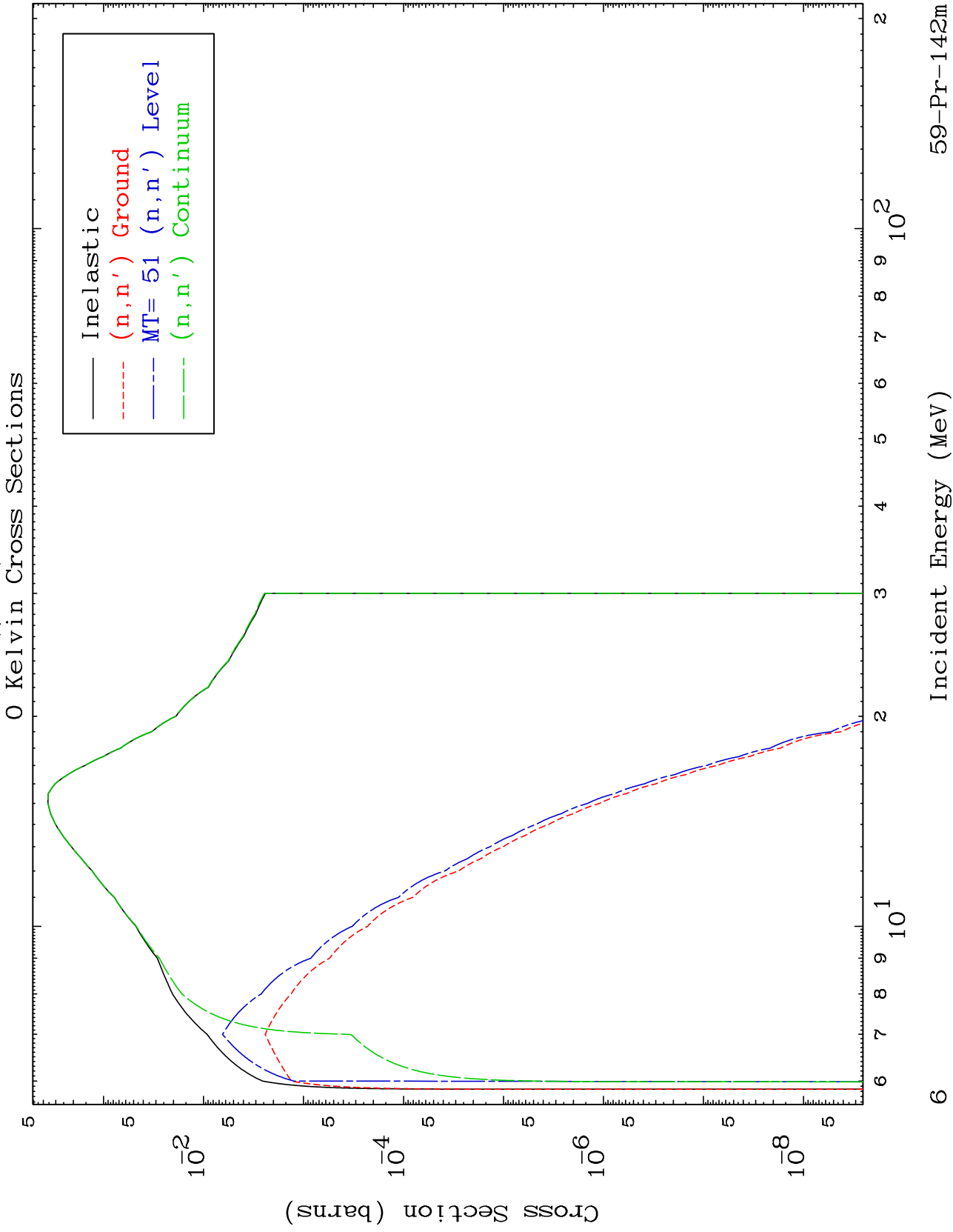




MAT 5929

(γ, n') Levels

59-Pr-142m



6

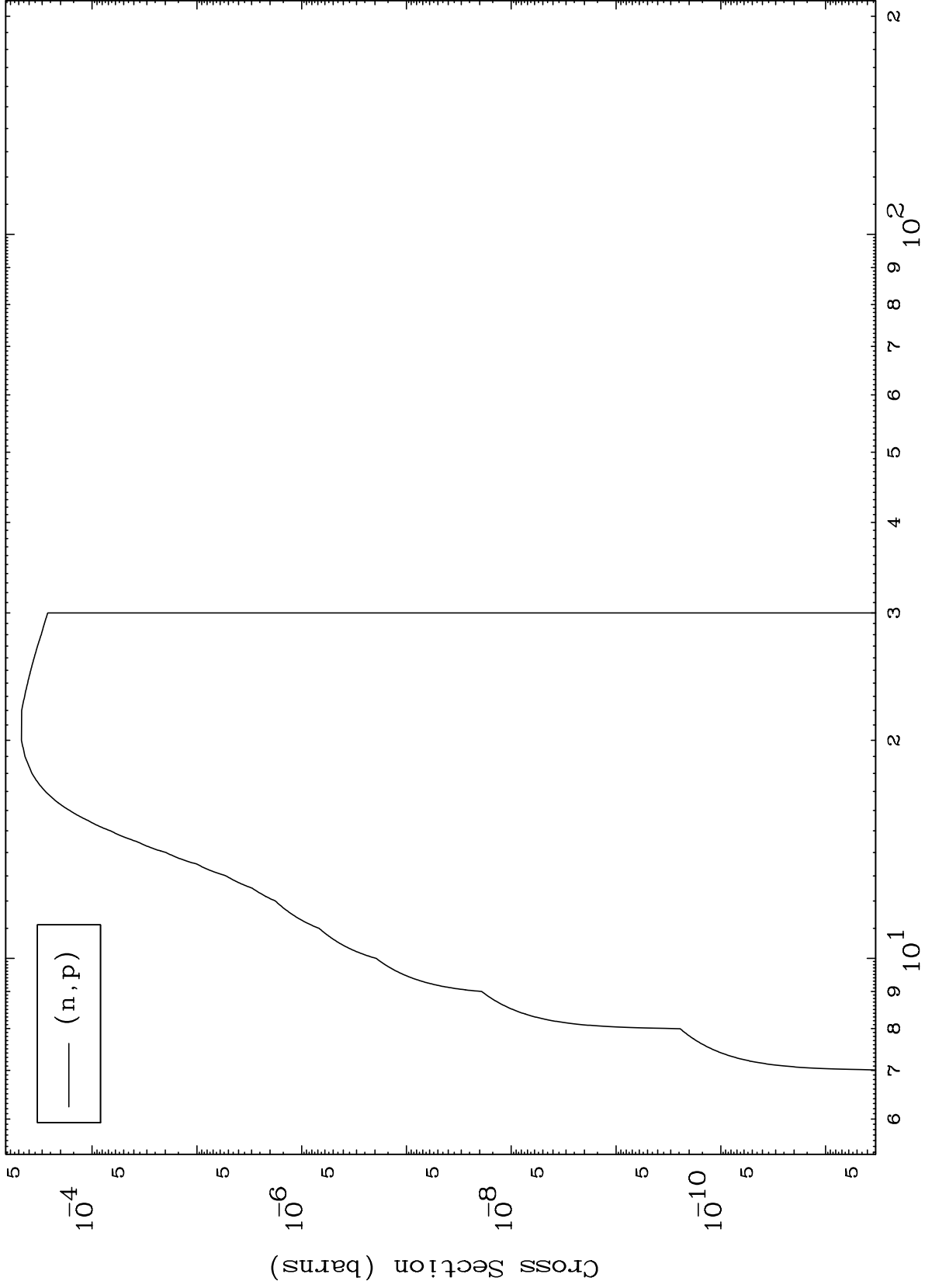
Incident Energy (MeV)

59-Pr-142m

MAT 5929

(γ, p) Levels
0 Kelvin Cross Sections

59-Pr-142m



7

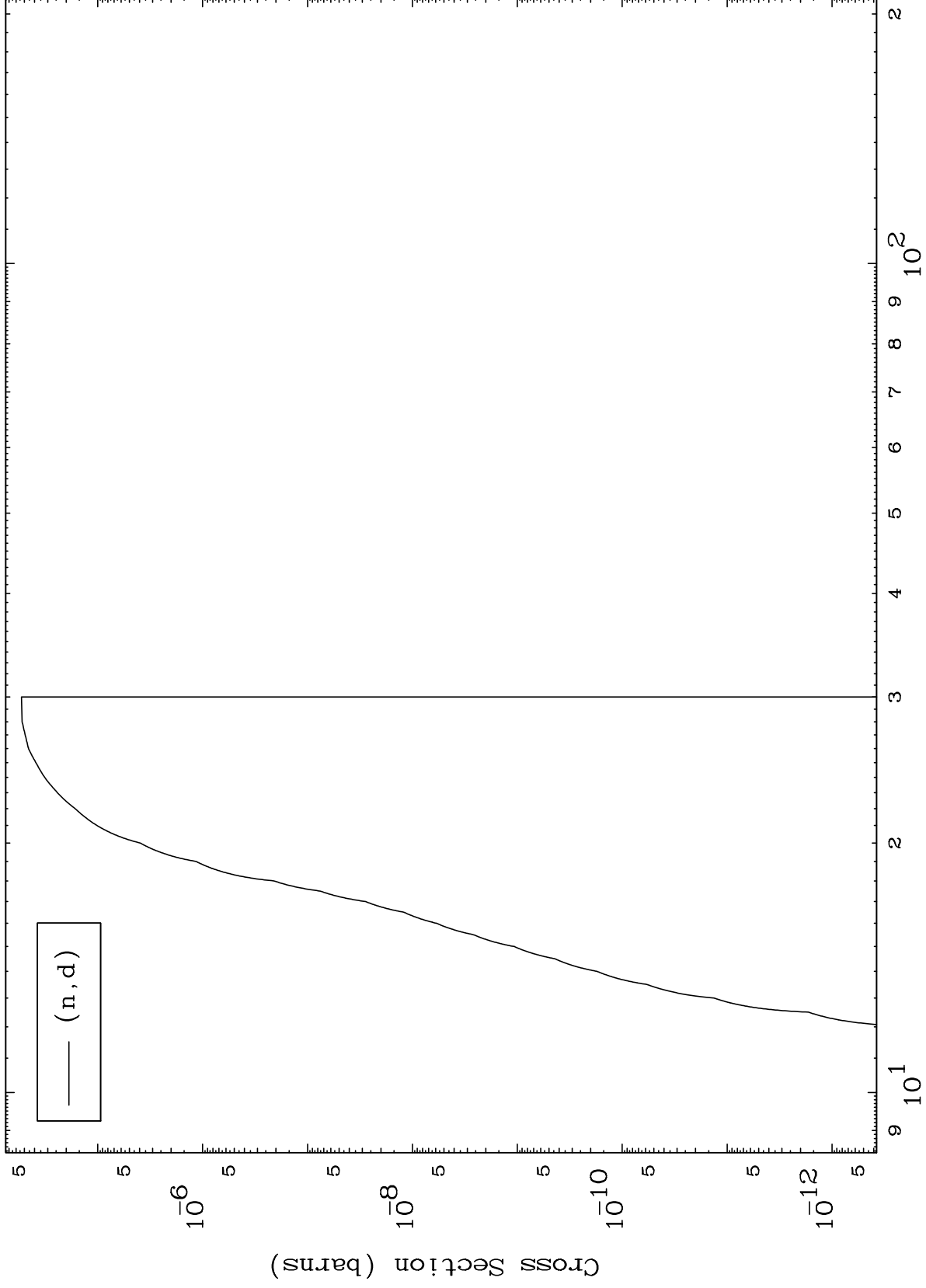
Incident Energy (MeV)

59-Pr-142m

MAT 5929

(γ, d) Levels
0 Kelvin Cross Sections

59-Pr-142m



Incident Energy (MeV)

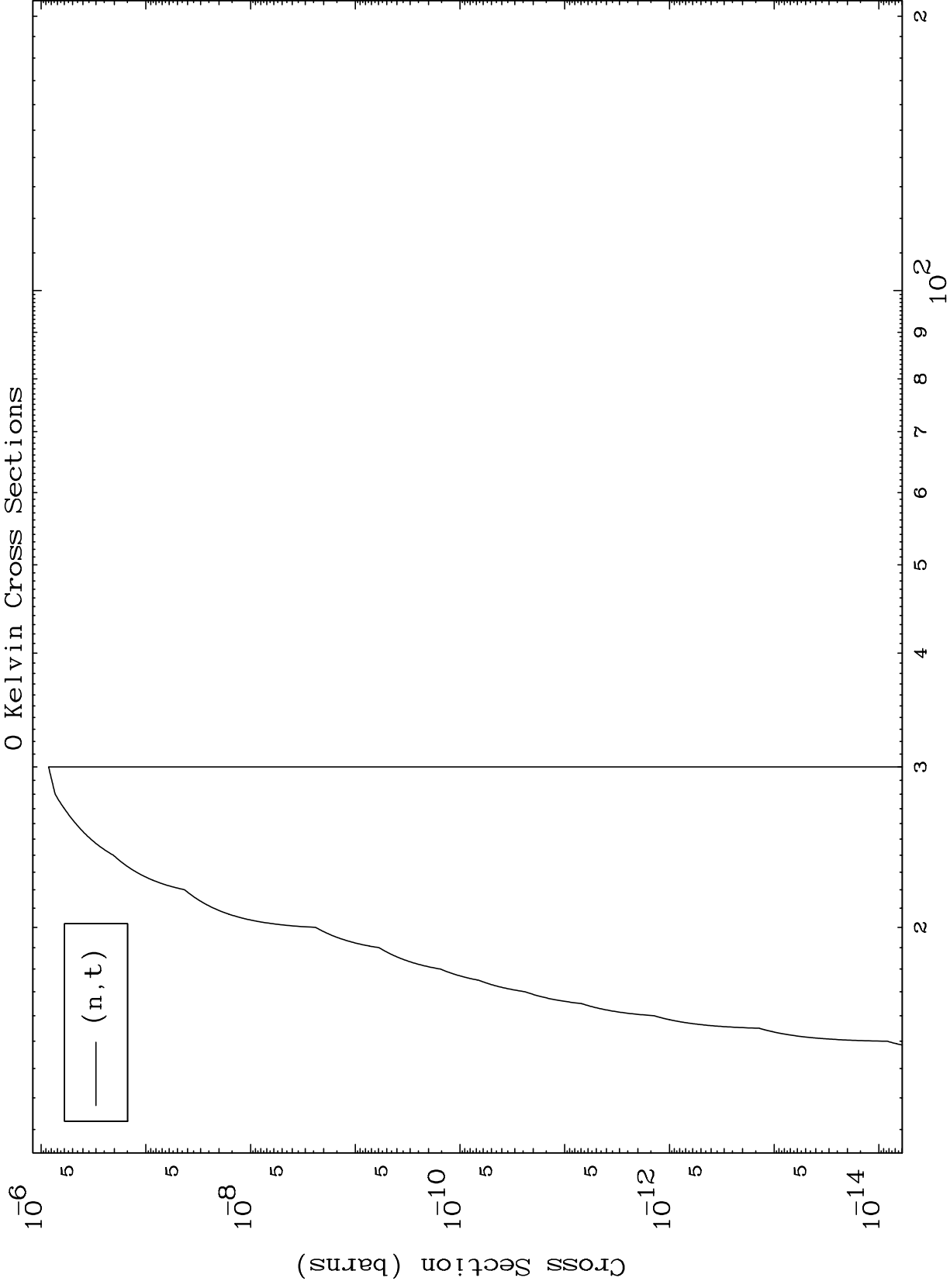
59-Pr-142m

8

MAT 5929

(γ, t) Levels
0 Kelvin Cross Sections

59-Pr-142m



9

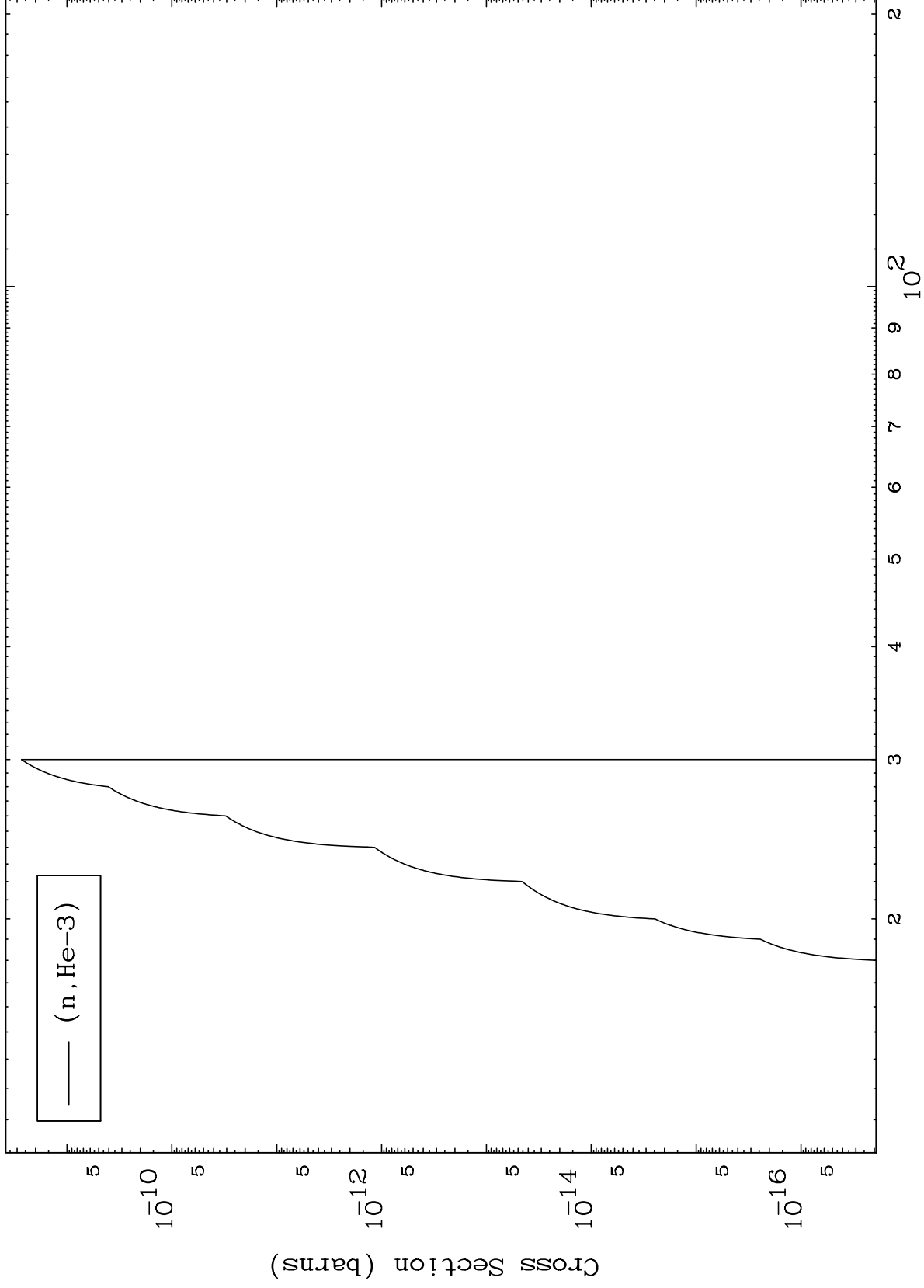
Incident Energy (MeV)

59-Pr-142m

MAT 5929

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

59-Pr-142m



10

Incident Energy (MeV)

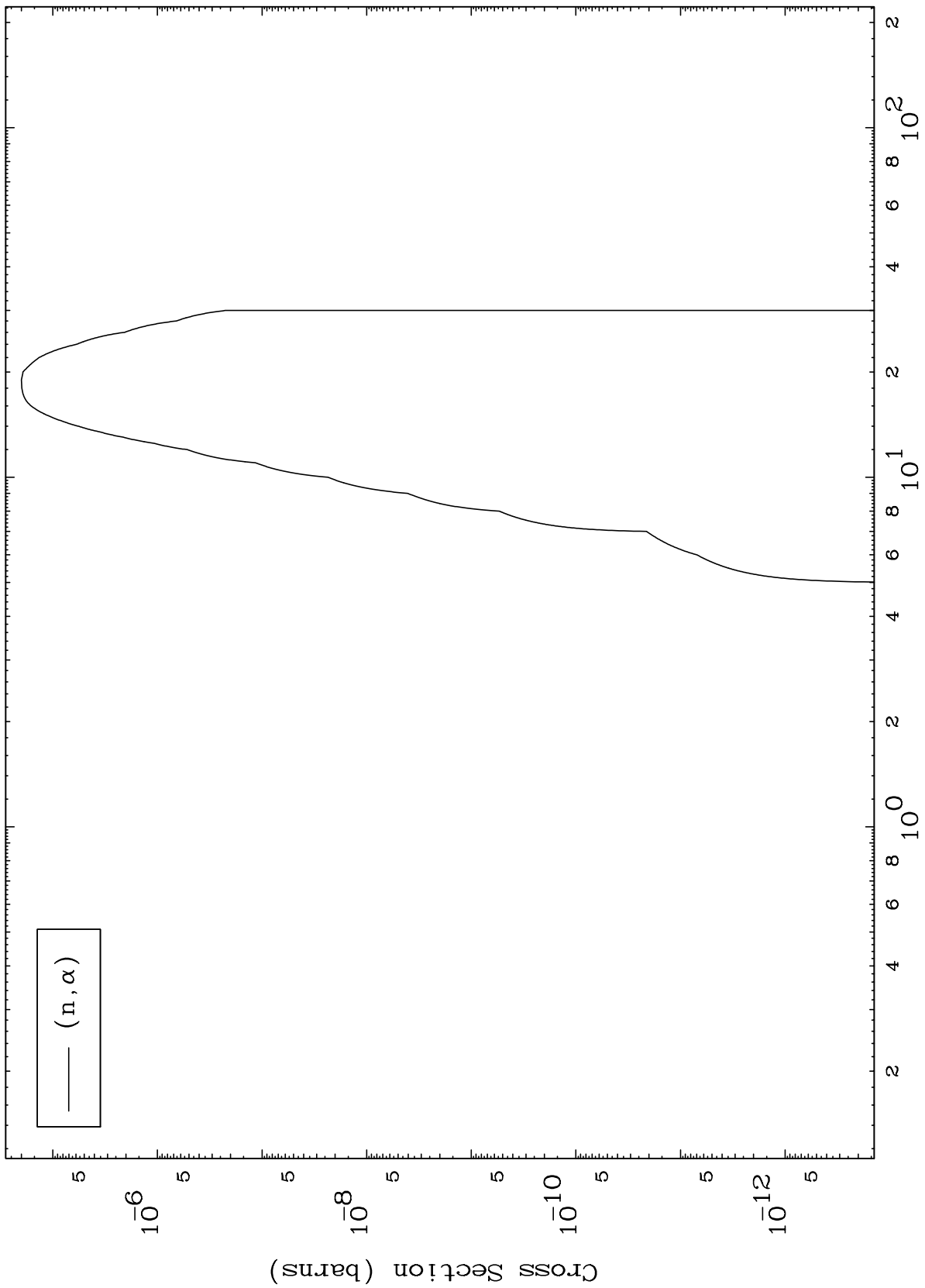
59-Pr-142m

MAT 5929

(γ, α) Levels

59-Pr-142m

0 Kelvin Cross Sections

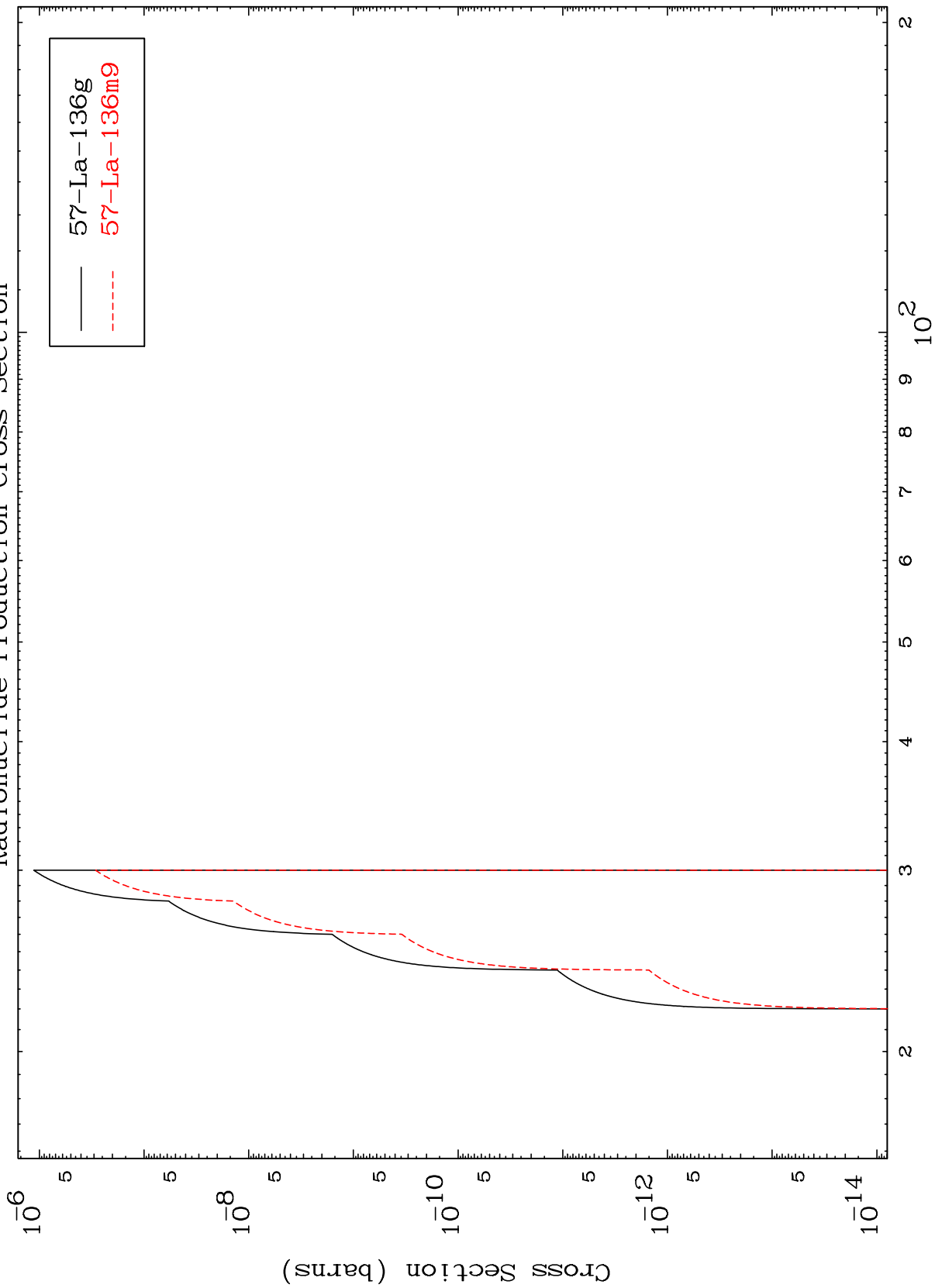


MAT 5929

$(n,2n) \alpha$

59-Pr-142m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

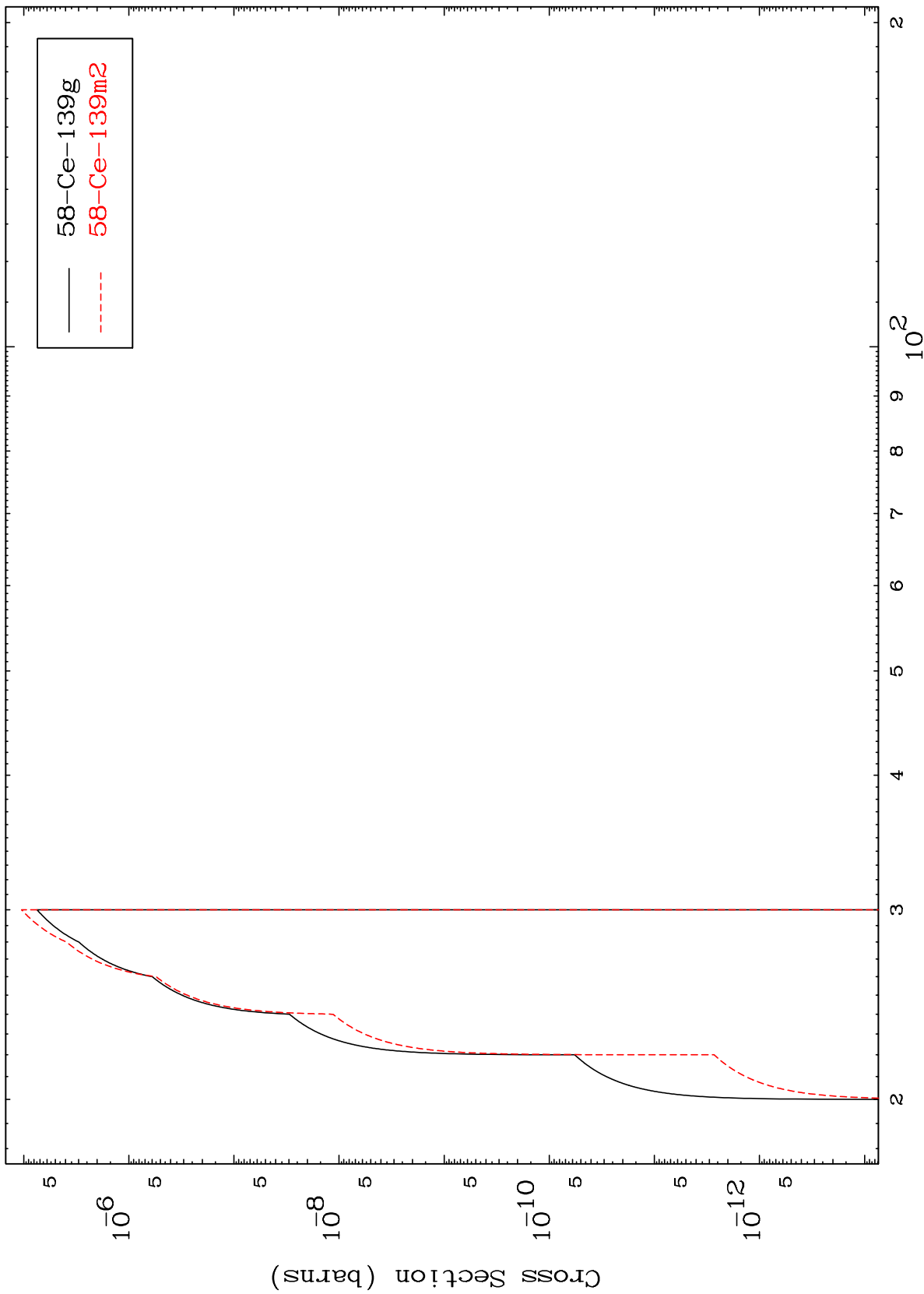
59-Pr-142m

MAT 5929

(n,n') d

59-Pr-142m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

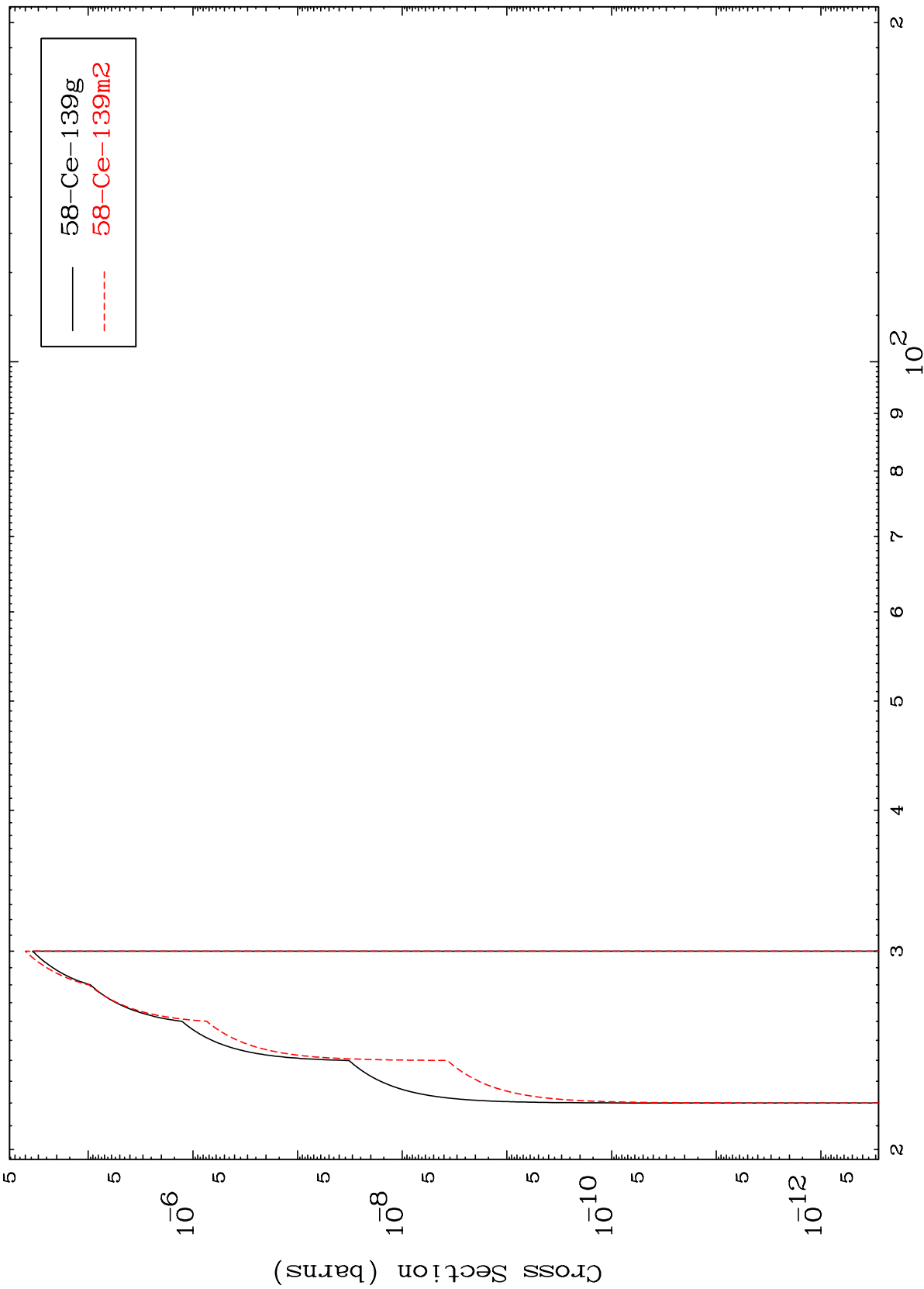
59-Pr-142m

MAT 5929

(n,2n) p

59-Pr-142m

Radionuclide Production Cross Section



14

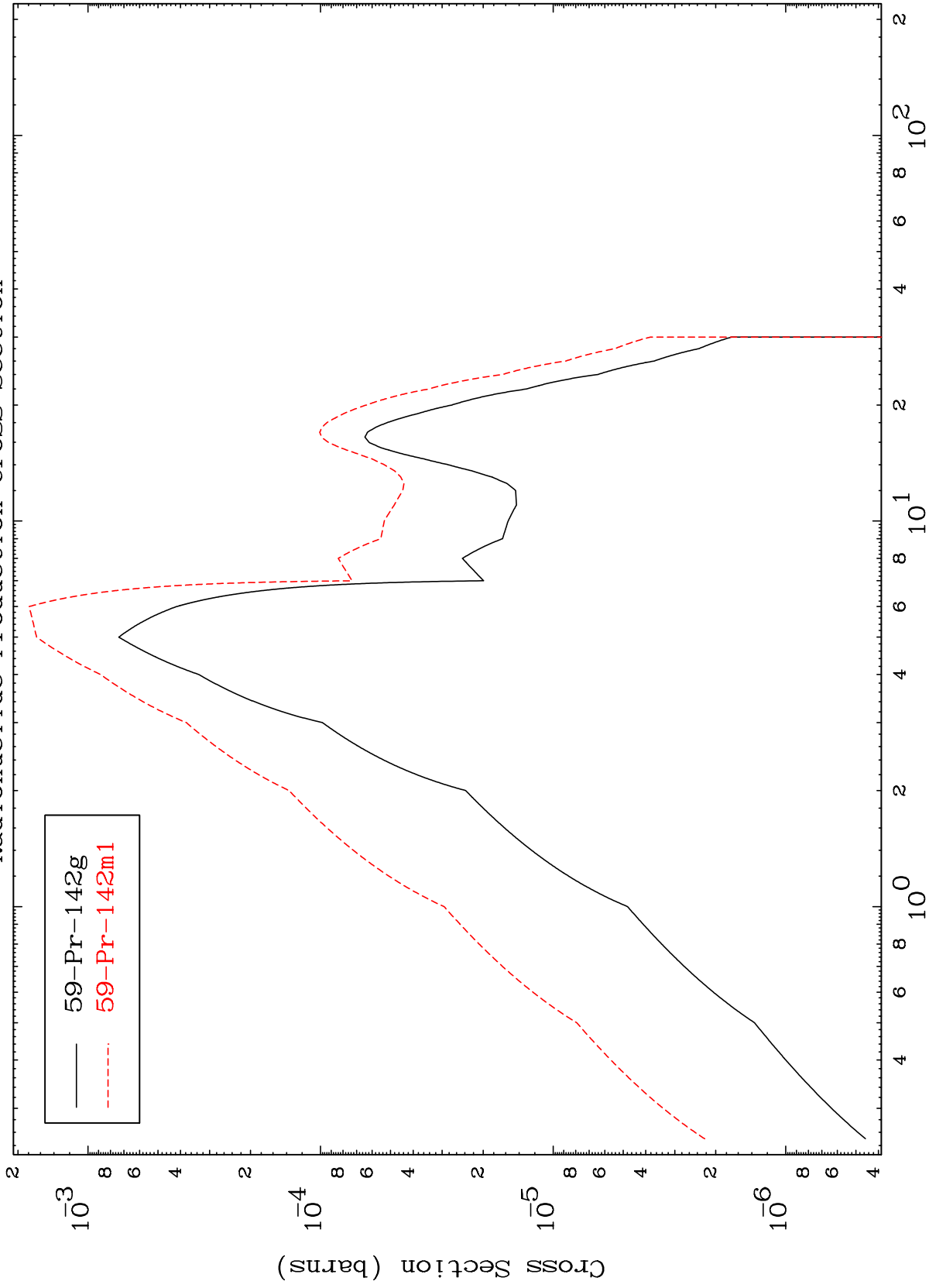
Incident Energy (MeV)

59-Pr-142m

MAT 5929

59-Pr-142m

(n, γ)
Radionuclide Production Cross Section



15

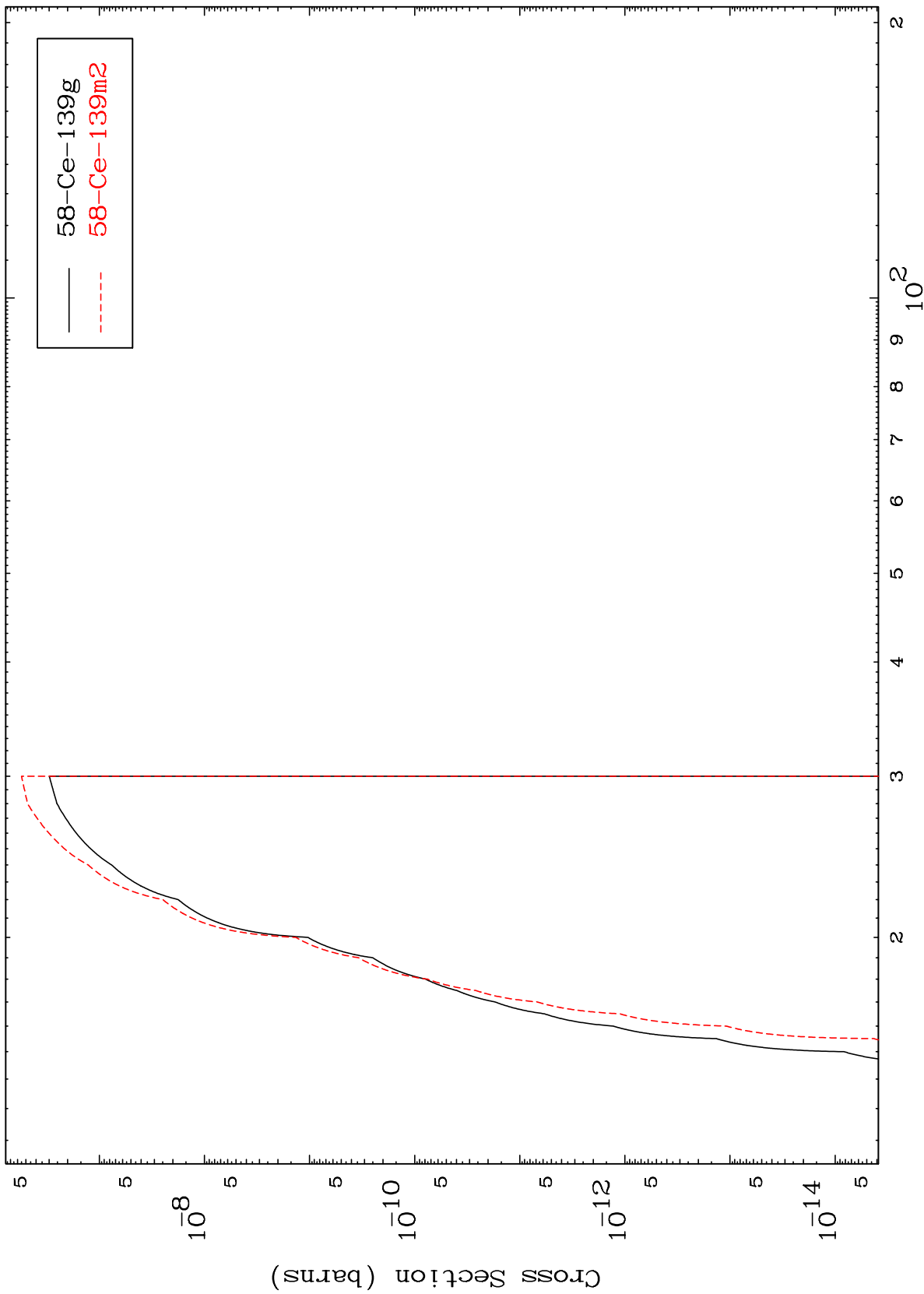
Incident Energy (MeV)

59-Pr-142m

MAT 5929

59-Pr-142m

(n, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

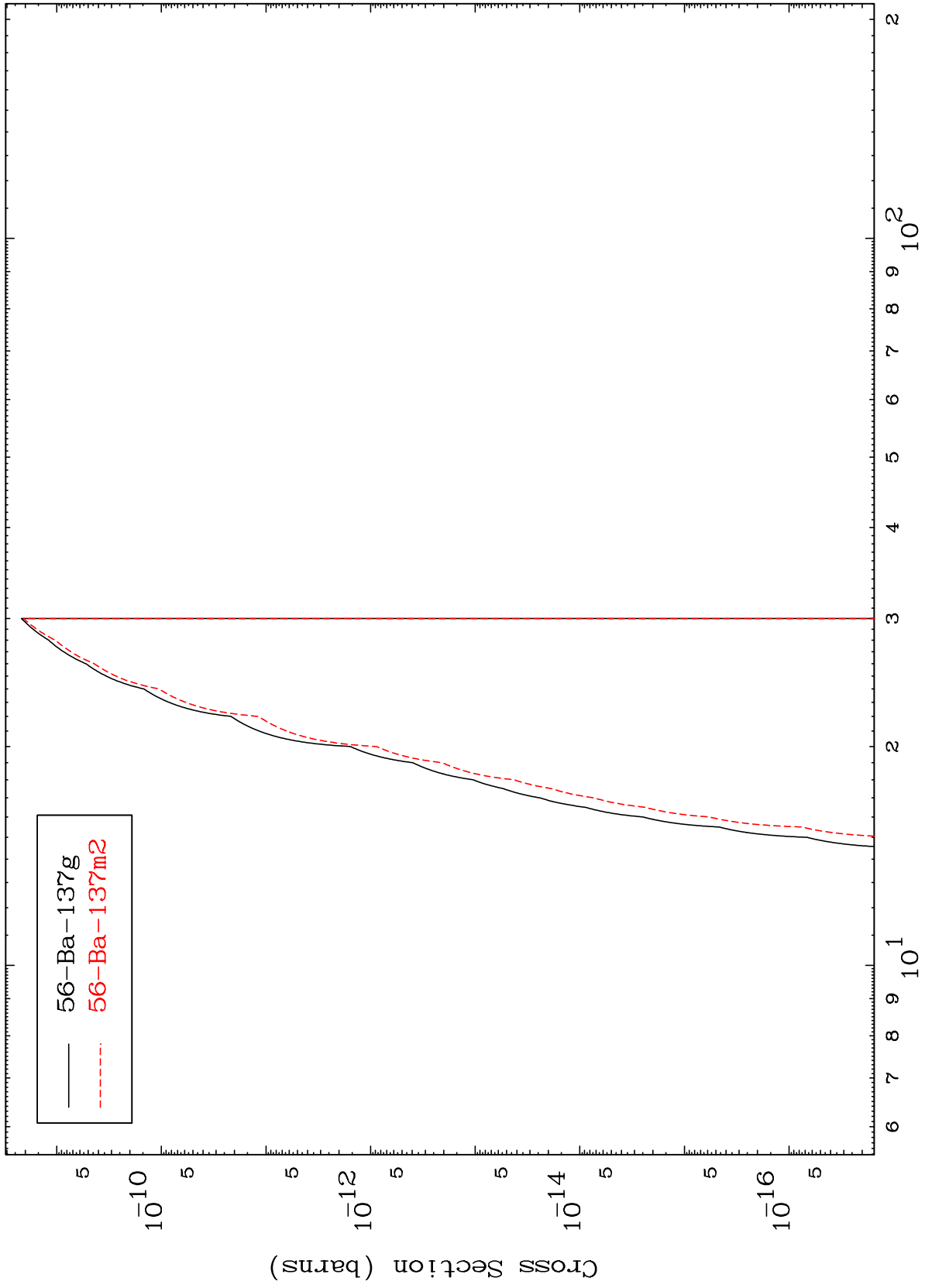
59-Pr-142m

MAT 5929

(n,p) α

59-Pr-142m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

59-Pr-142m