

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

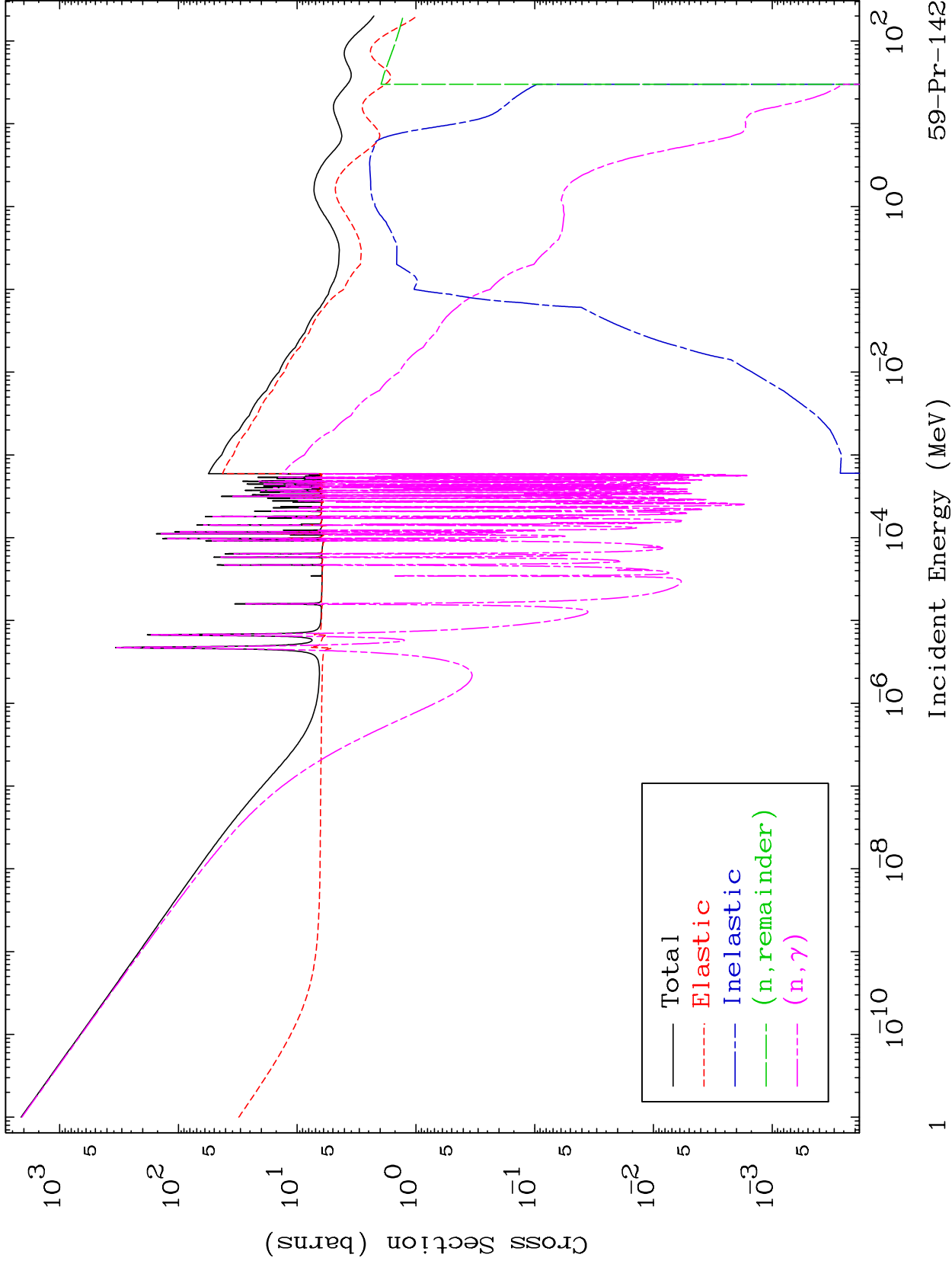
Press Mouse Button to Start

MAT 5929

Major

293 Kelvin Cross Sections

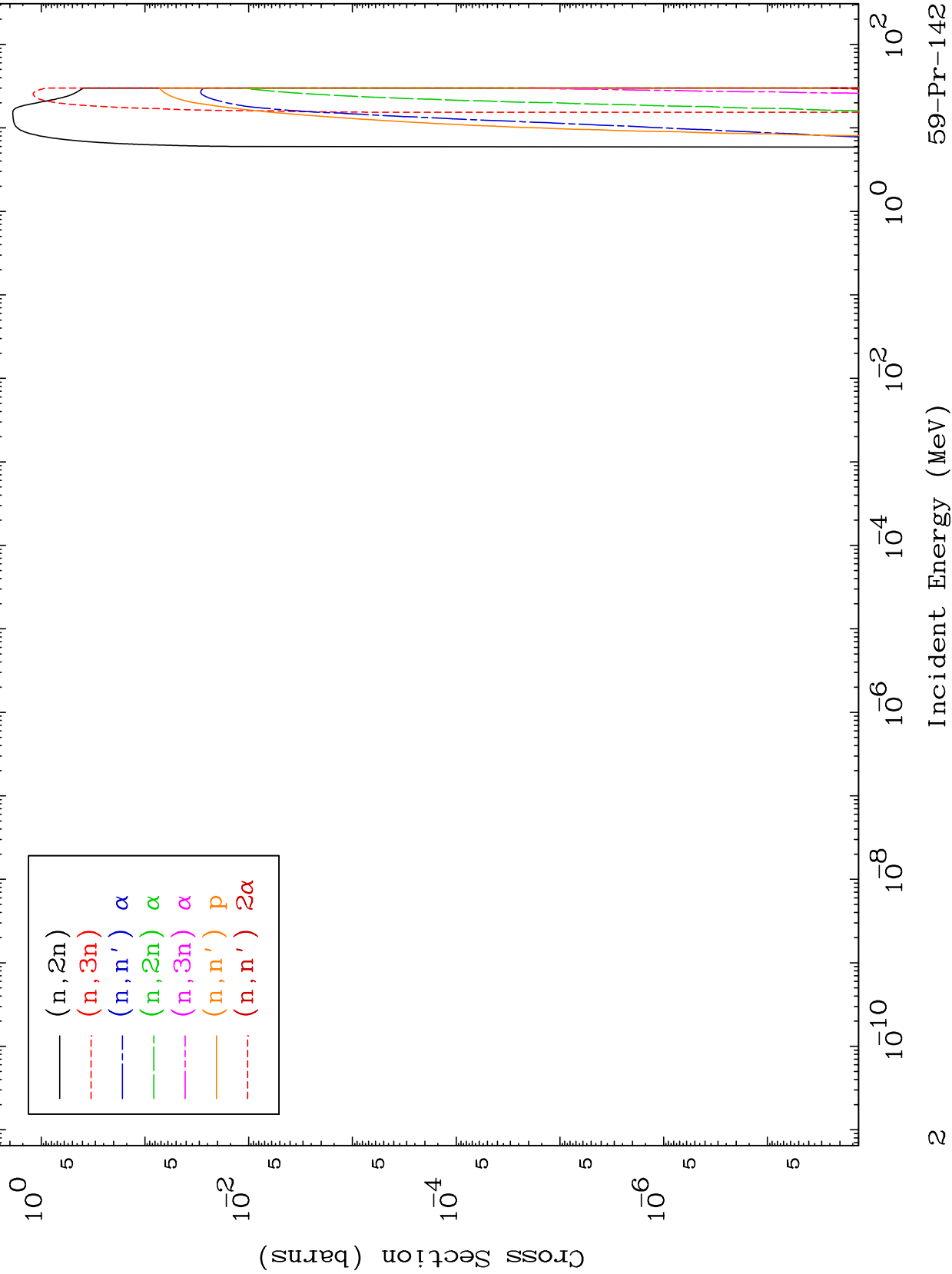
59-Pr-142

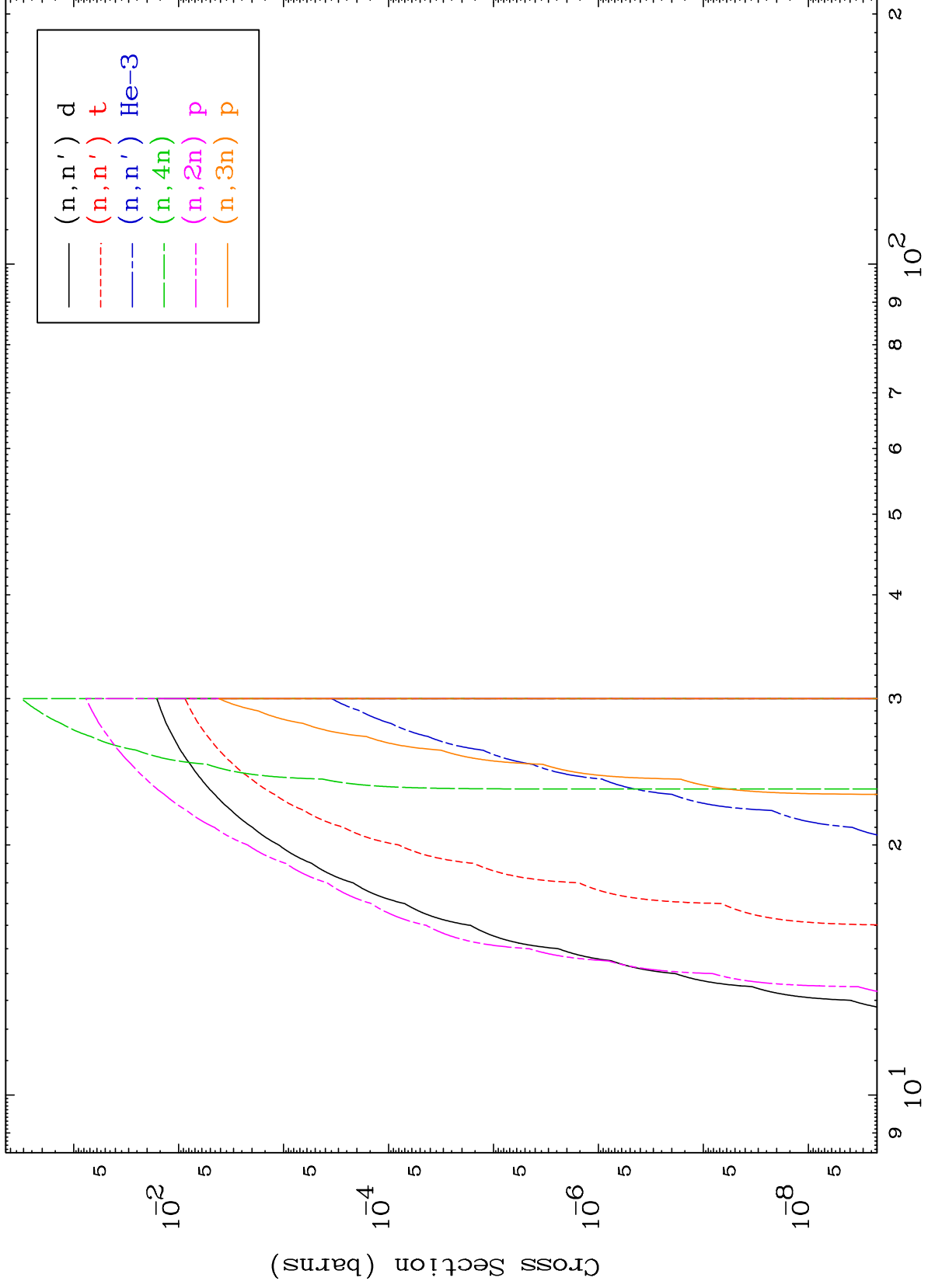


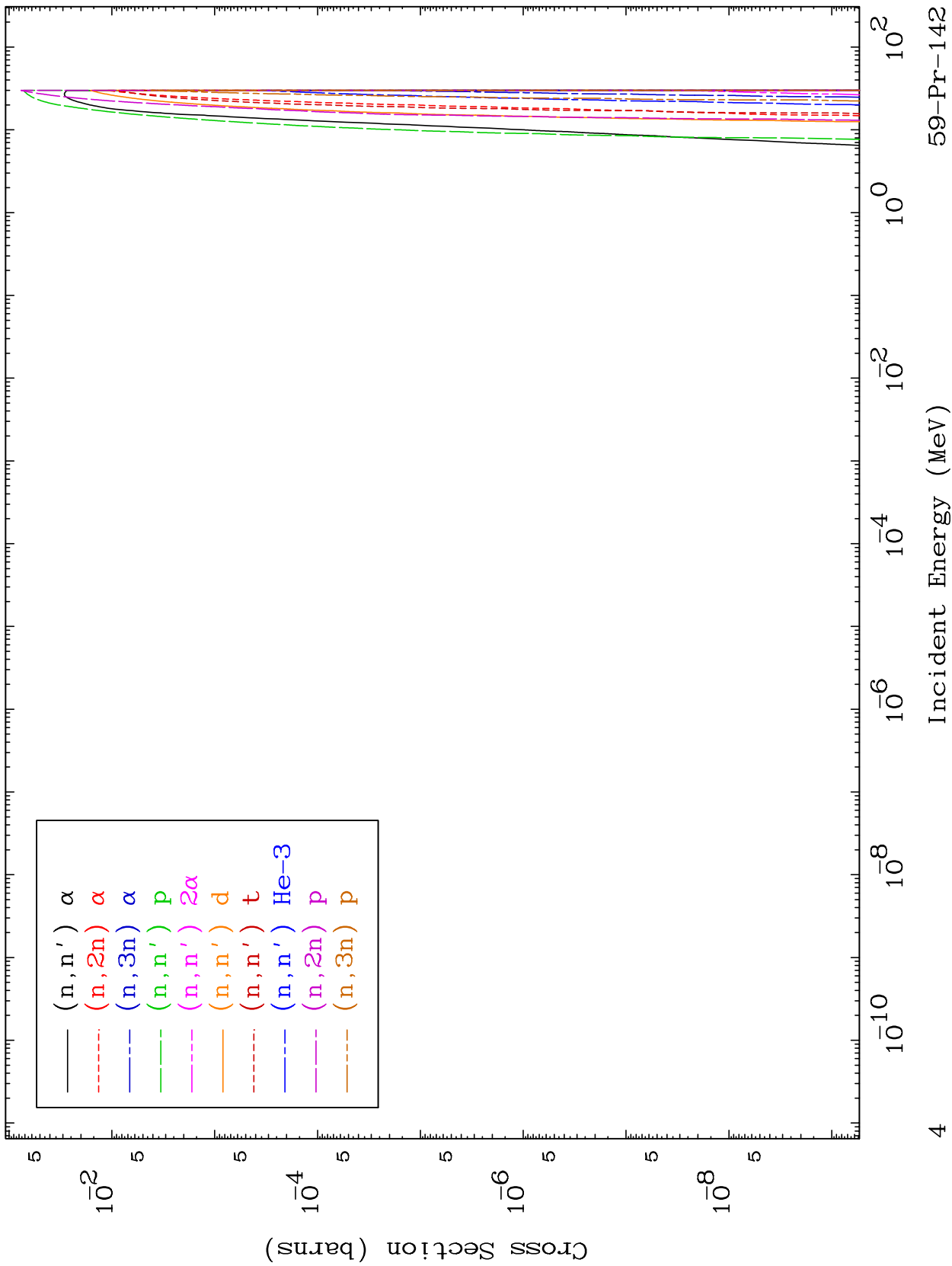
MAT 5929

Neutron Production
293 Kelvin Cross Sections

59-Pr-142



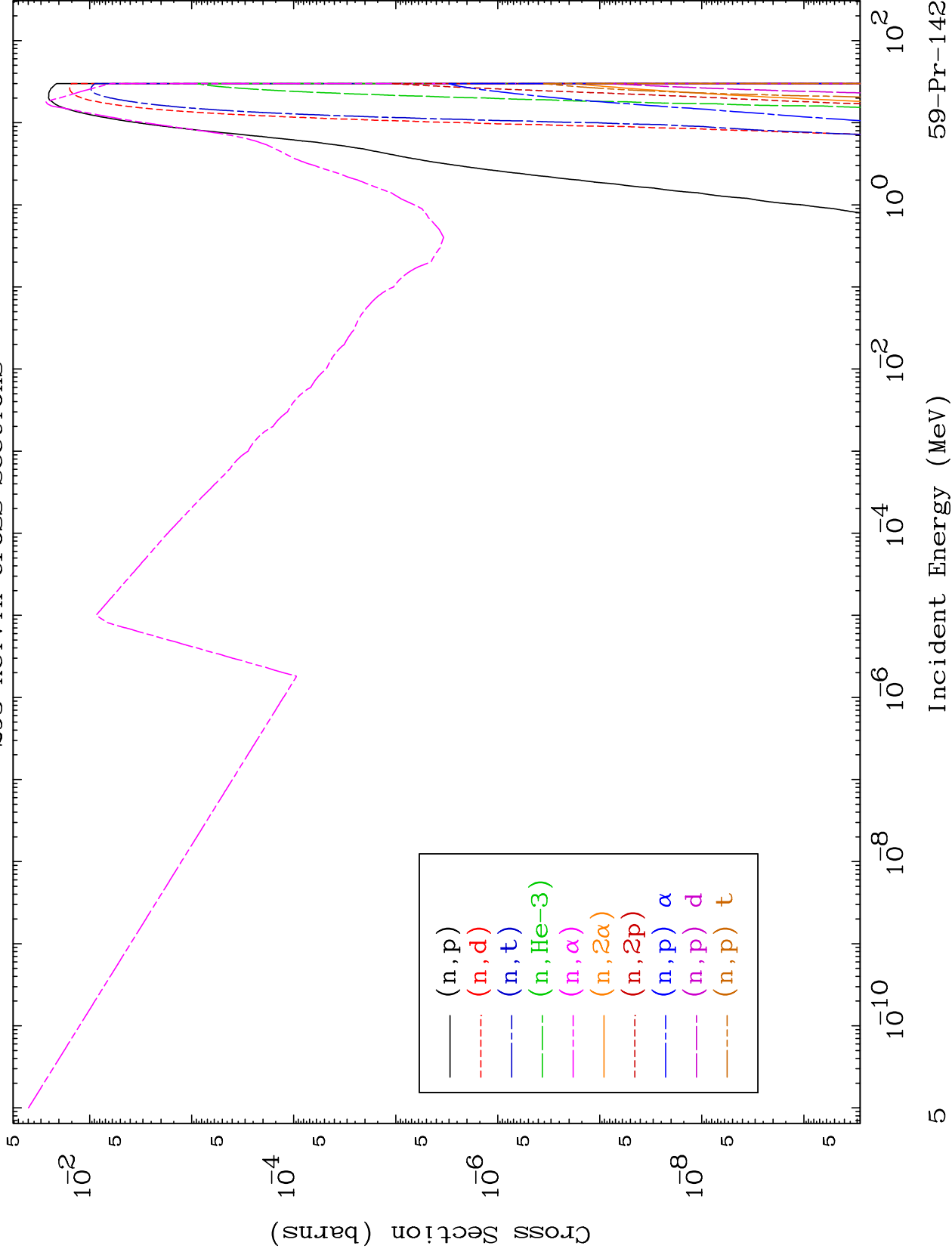


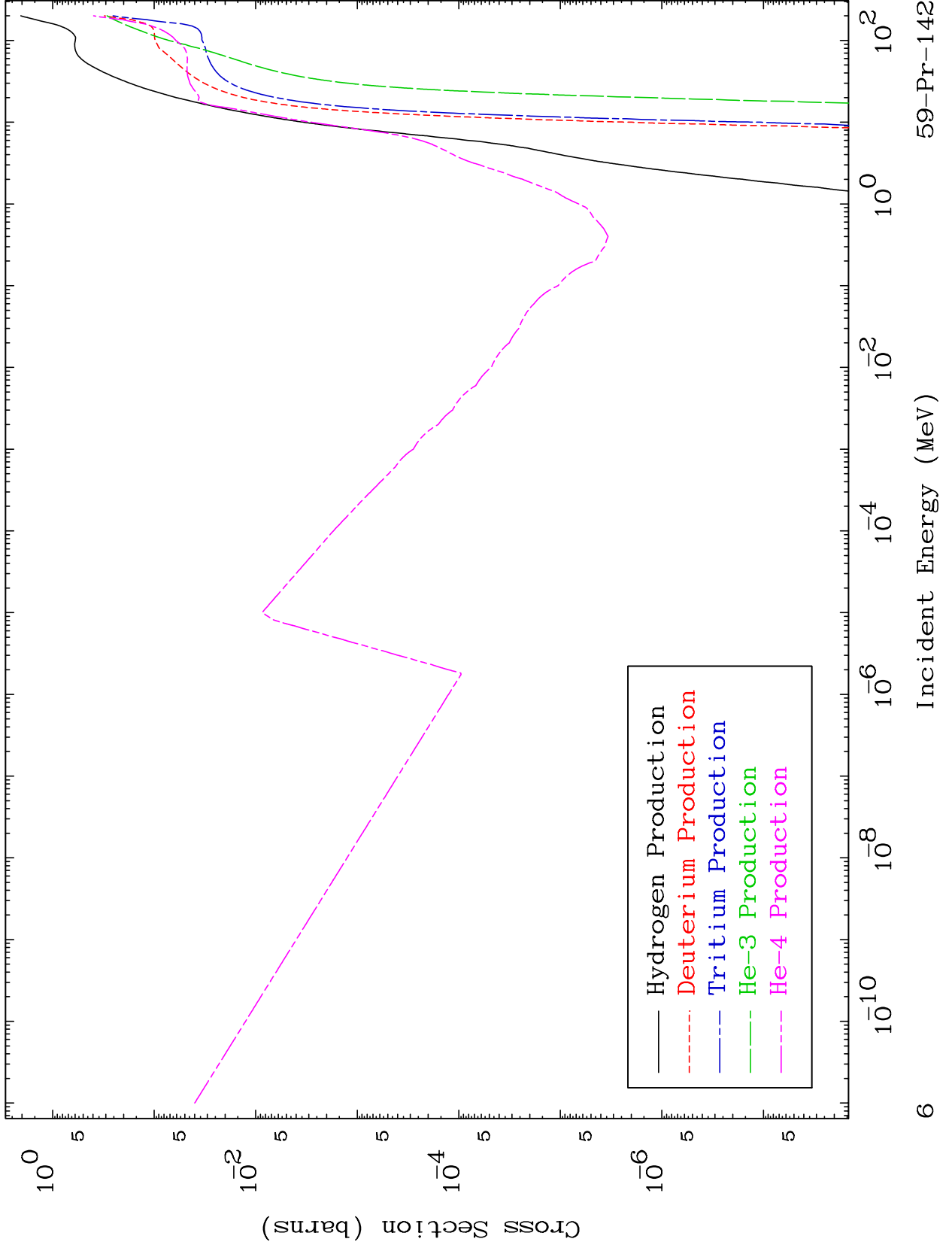


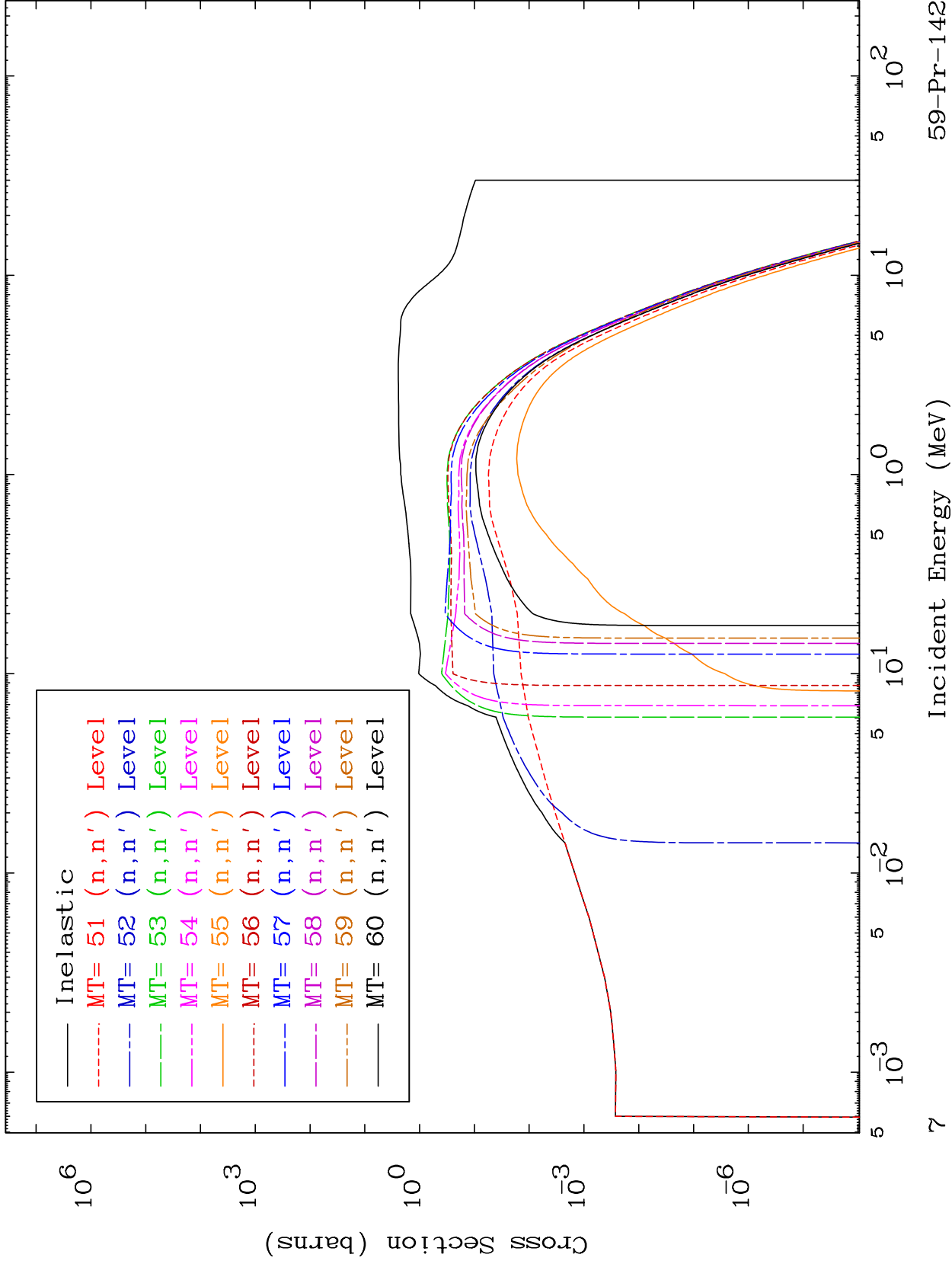
MAT 5929

Charged Particle
293 Kelvin Cross Sections

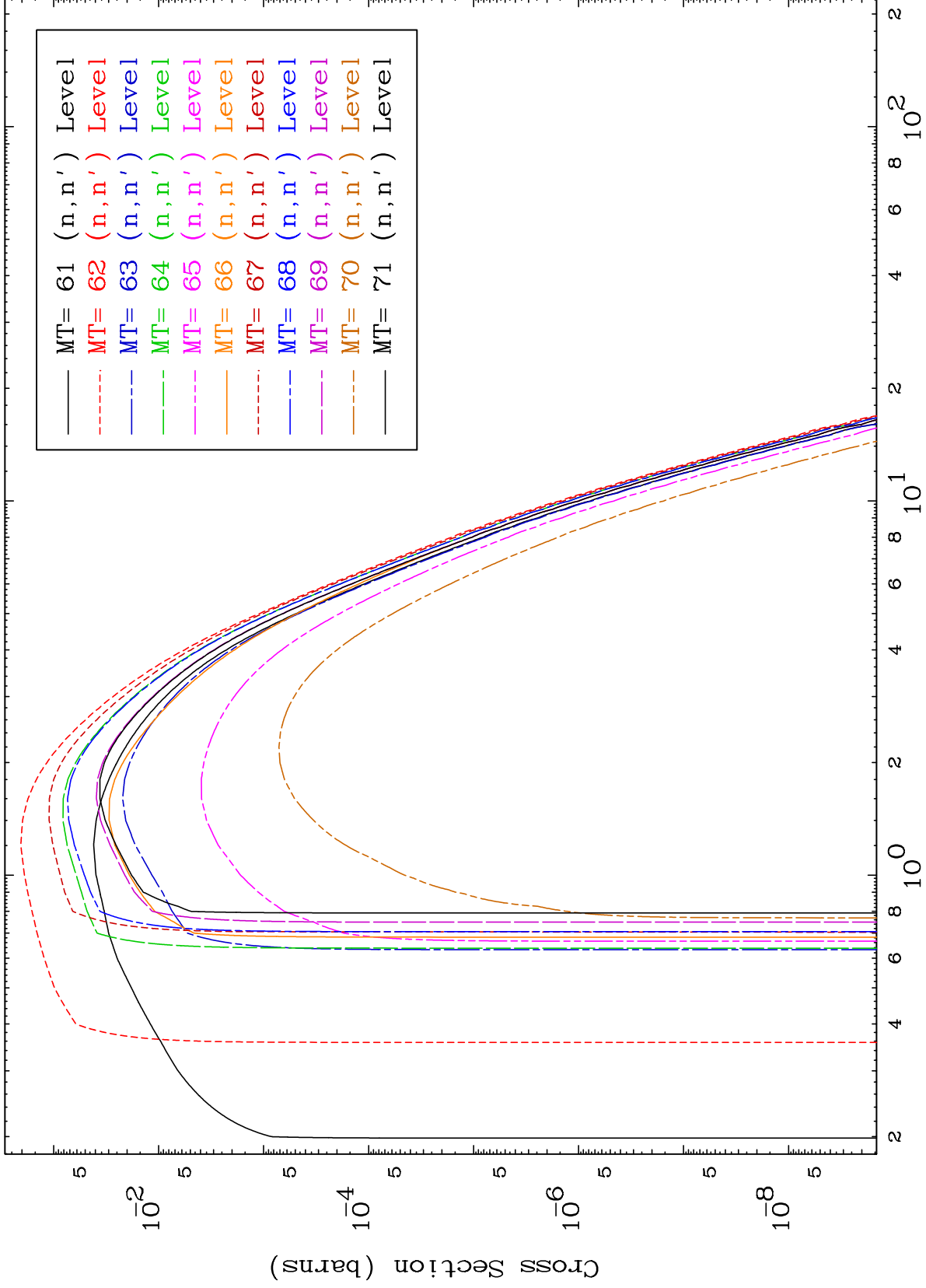
59-Pr-142



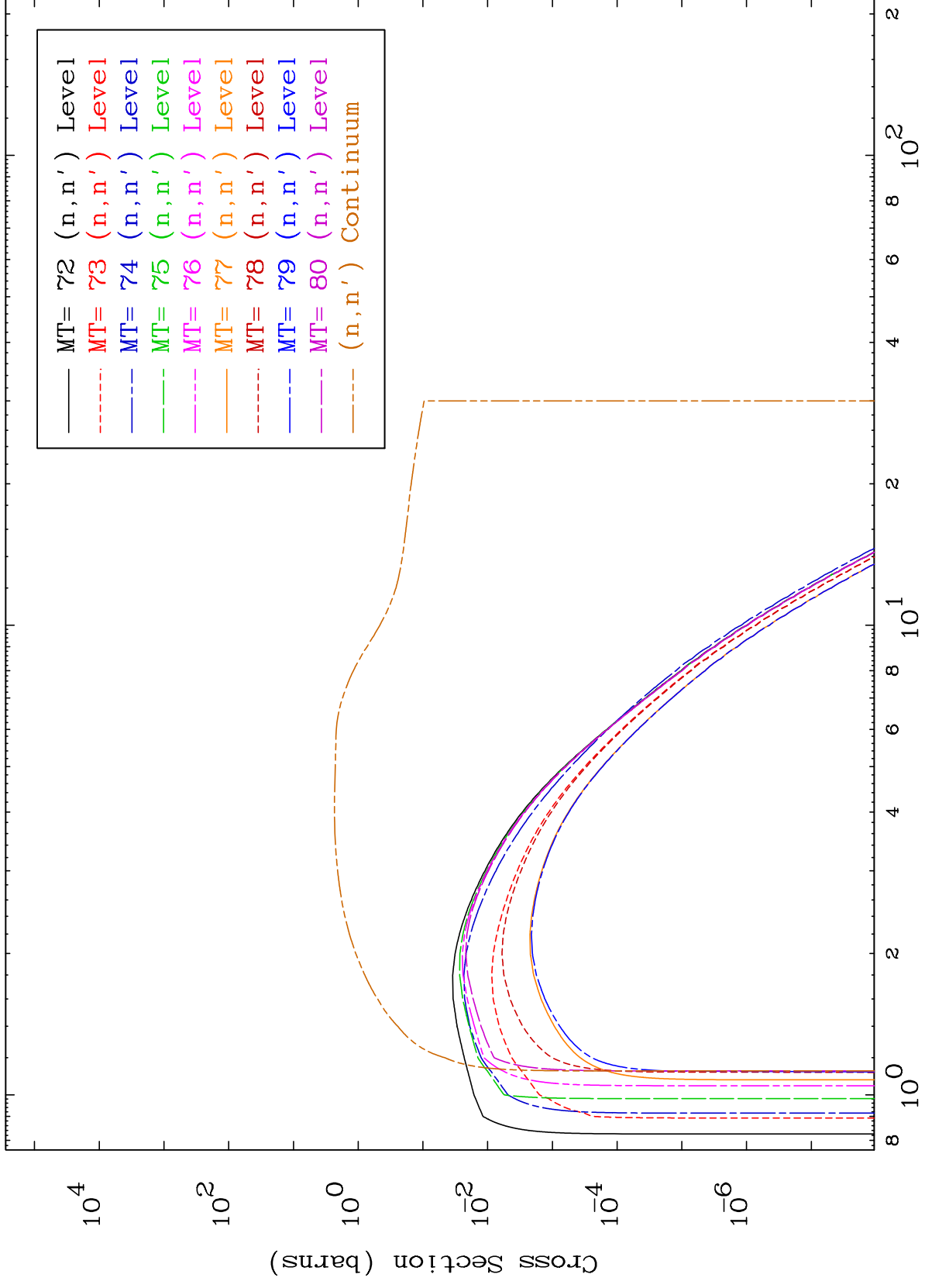




293 Kelvin Cross Sections



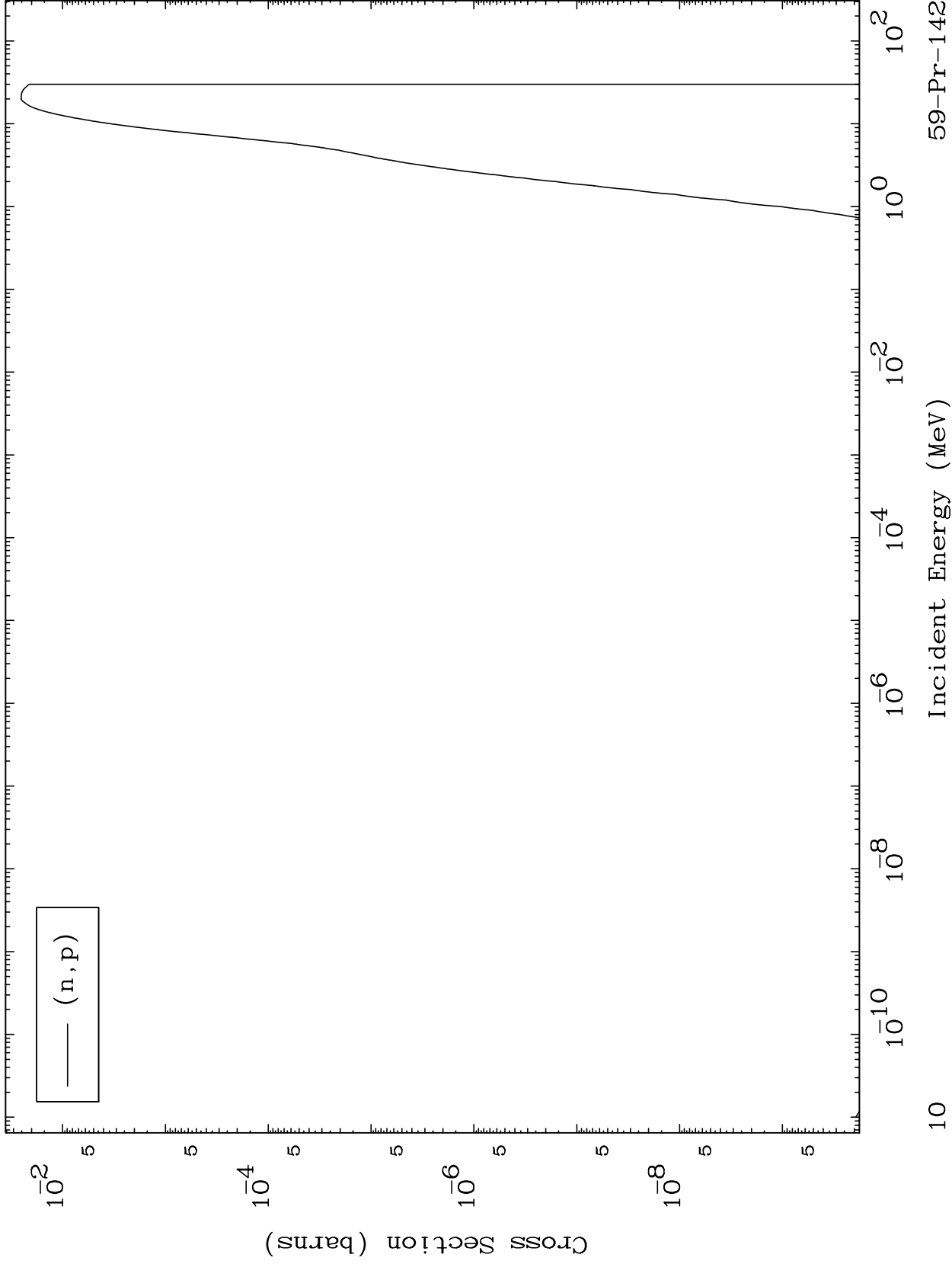
293 Kelvin Cross Sections



MAT 5929

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-142



10

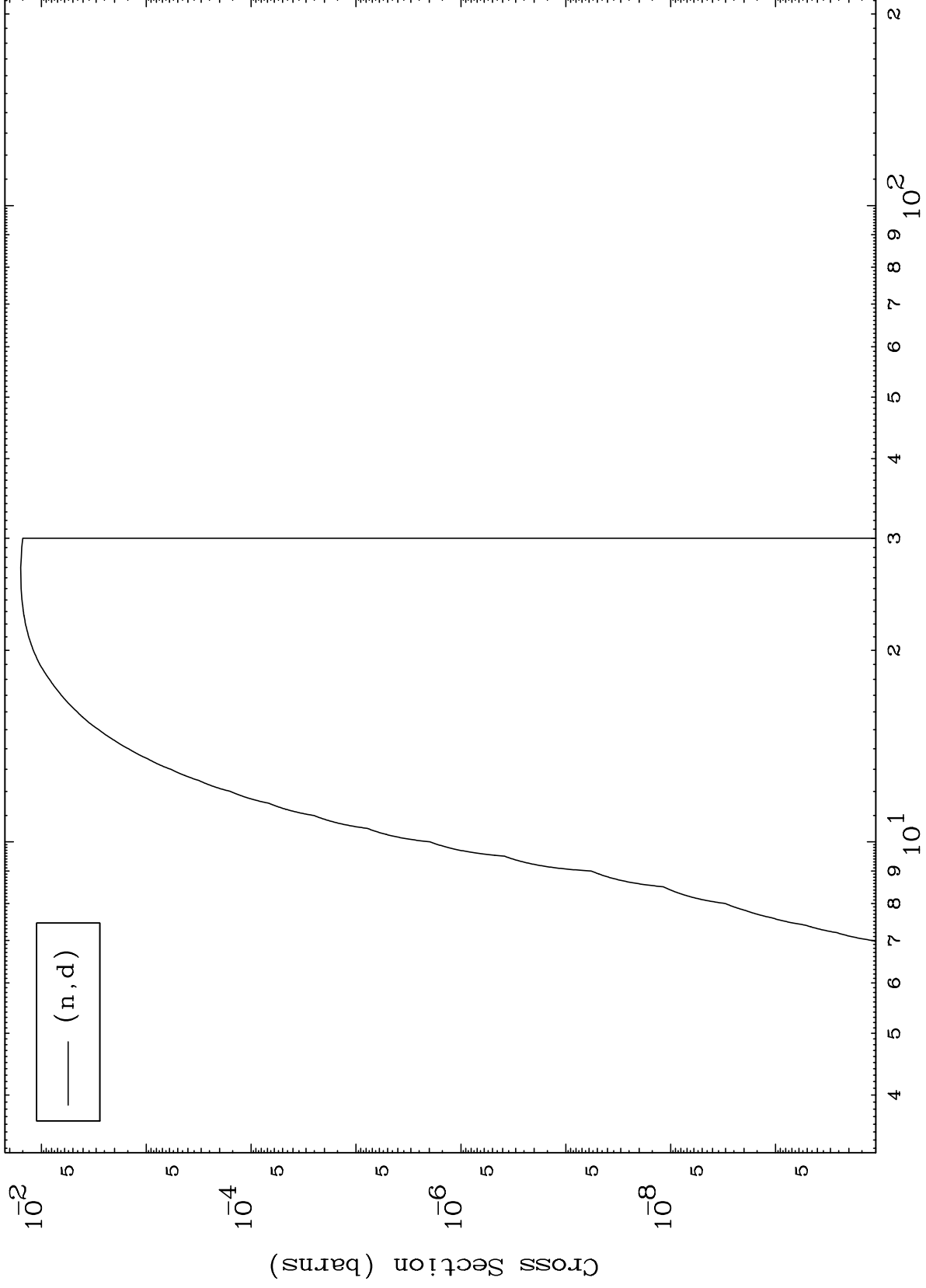
Incident Energy (MeV)

59-Pr-142

MAT 5929

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-142



11

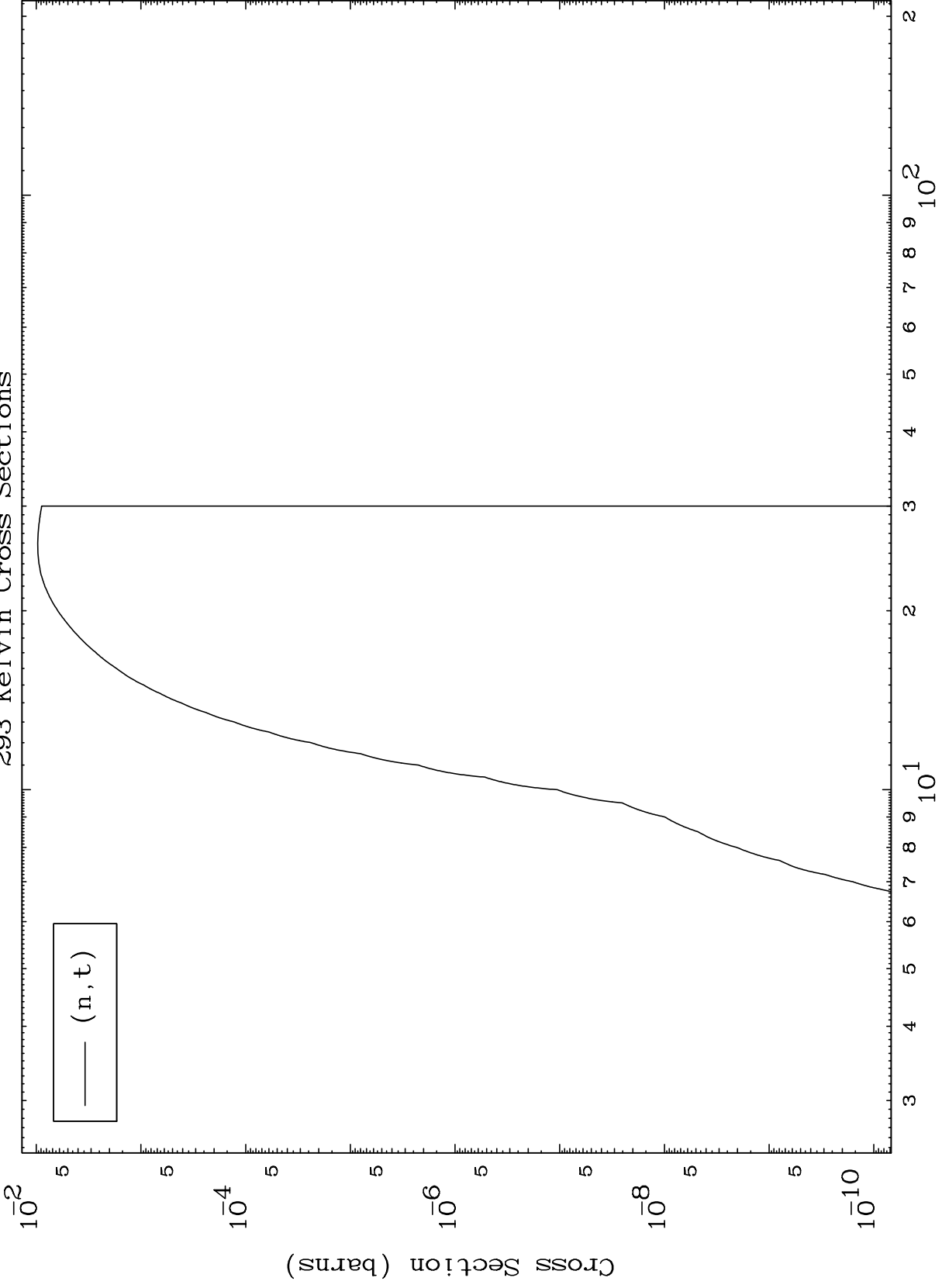
Incident Energy (MeV)

59-Pr-142

MAT 5929

(n,t) Levels
293 Kelvin Cross Sections

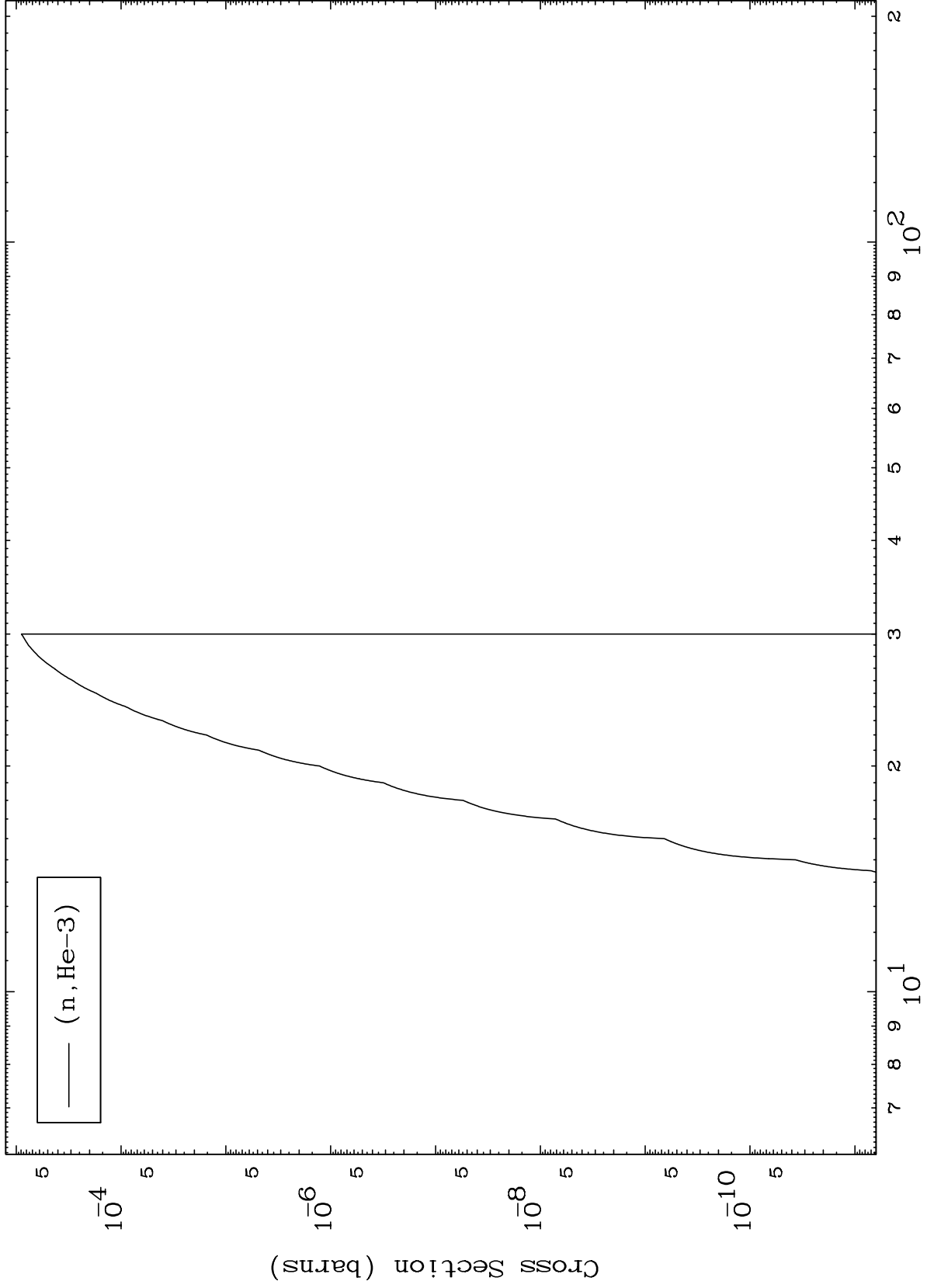
59-Pr-142



12

Incident Energy (MeV)

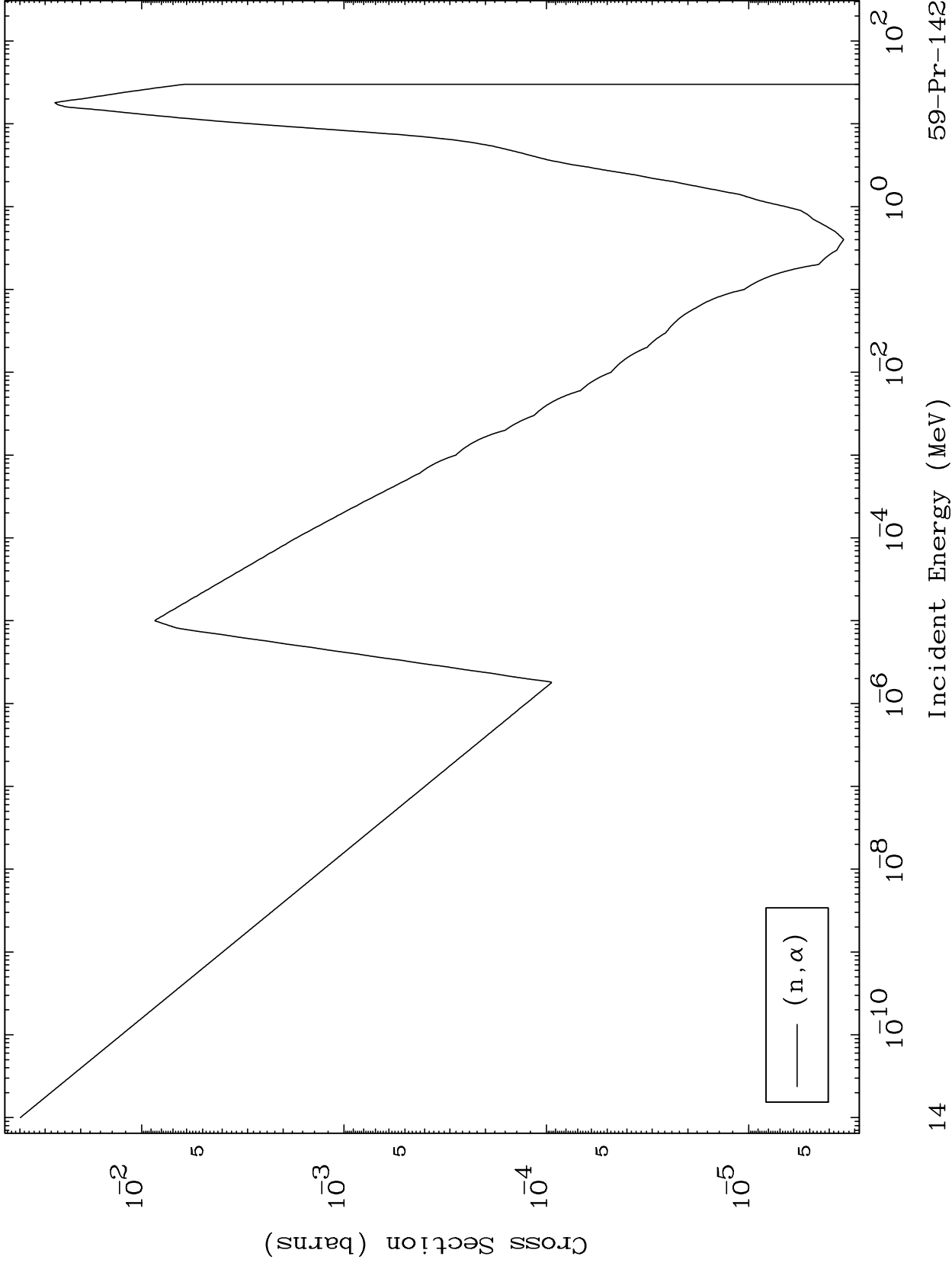
59-Pr-142



MAT 5929

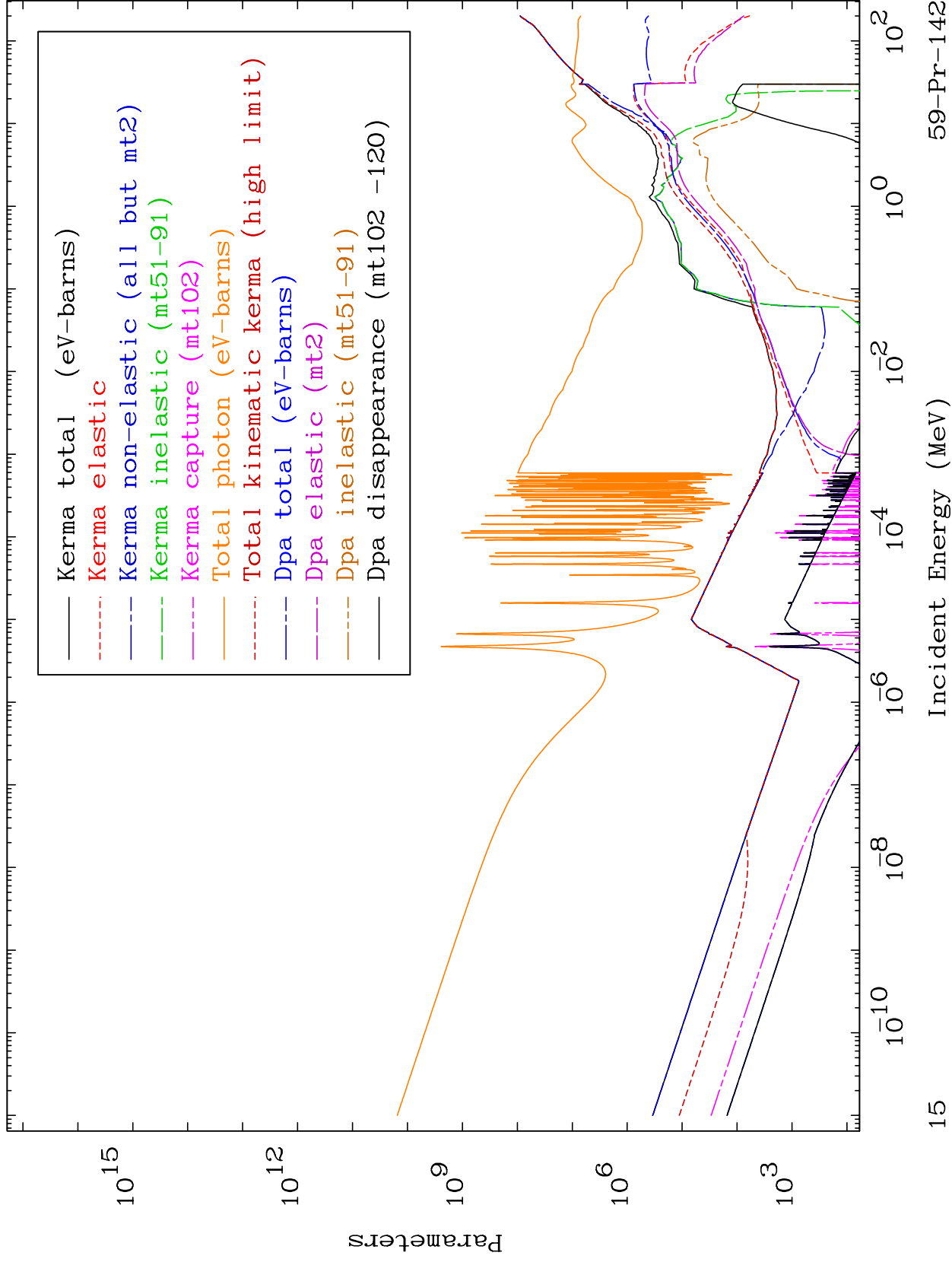
(n, α) Levels
293 Kelvin Cross Sections

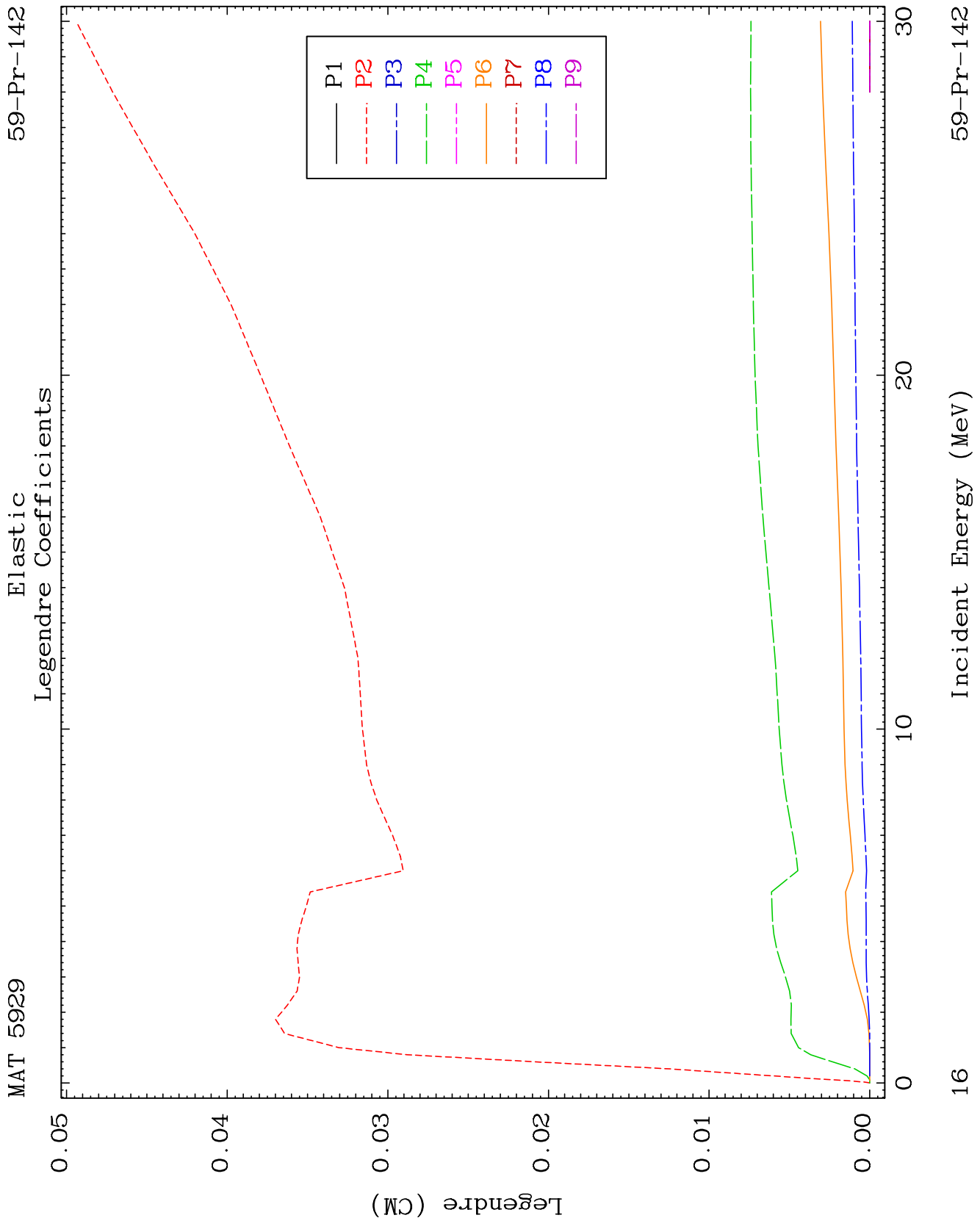
59-Pr-142



14

59-Pr-142





MAT 5929

59-Pr-142

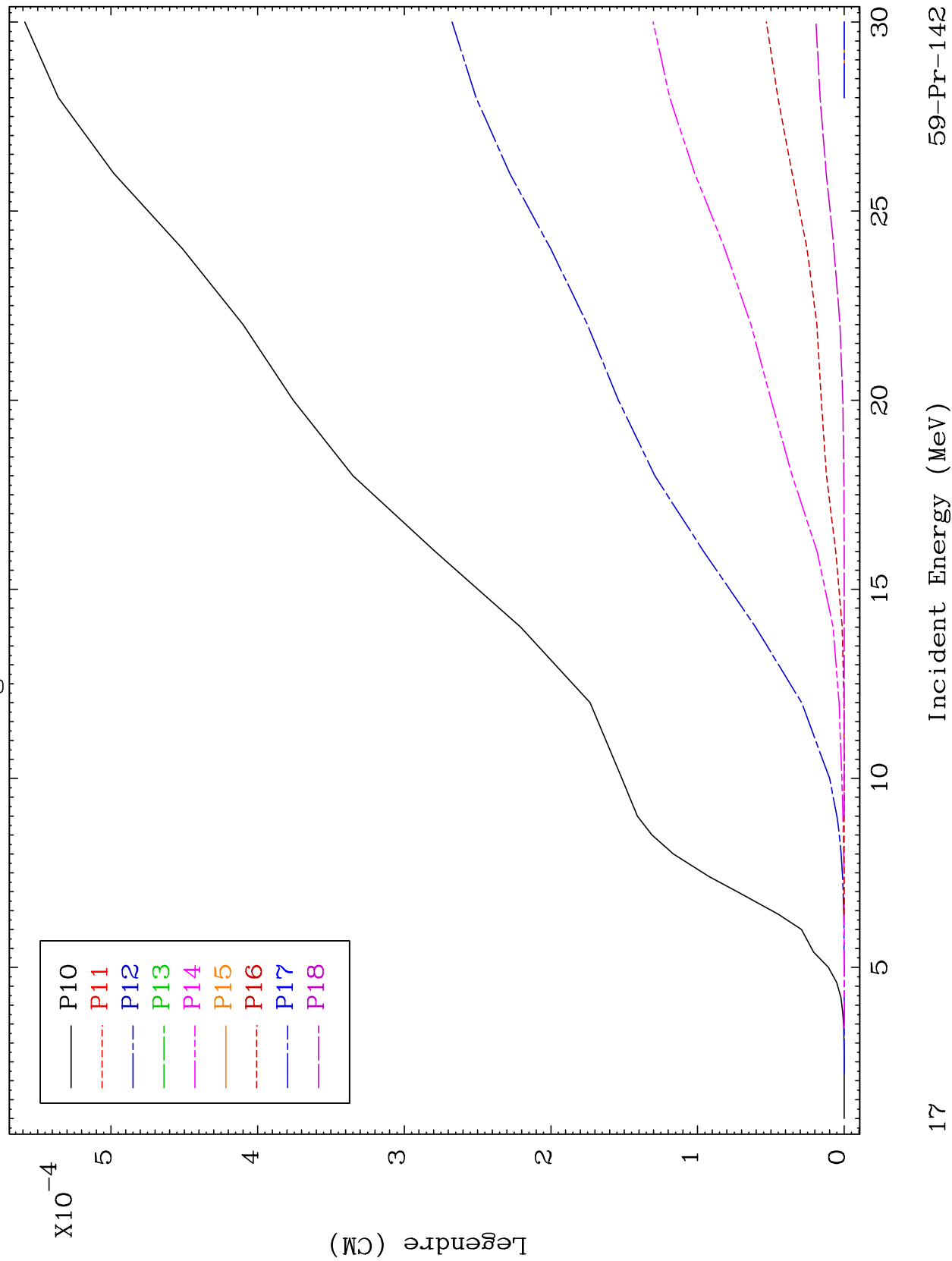
16

59-Pr-142

MAT 5929

Elastic Legendre Coefficients

59-Pr-142



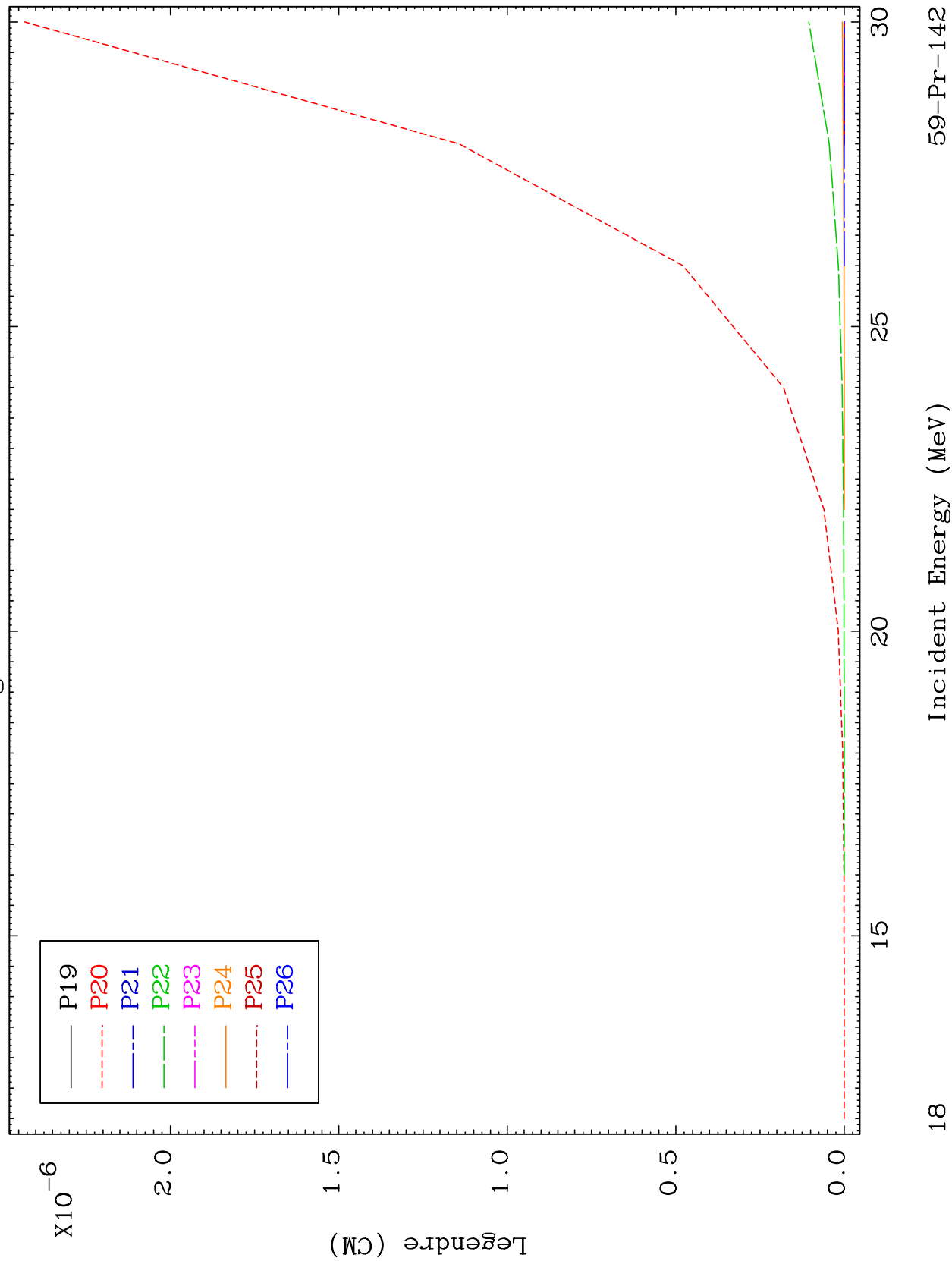
17

59-Pr-142

MAT 5929

Elastic Legendre Coefficients

59-Pr-142



18

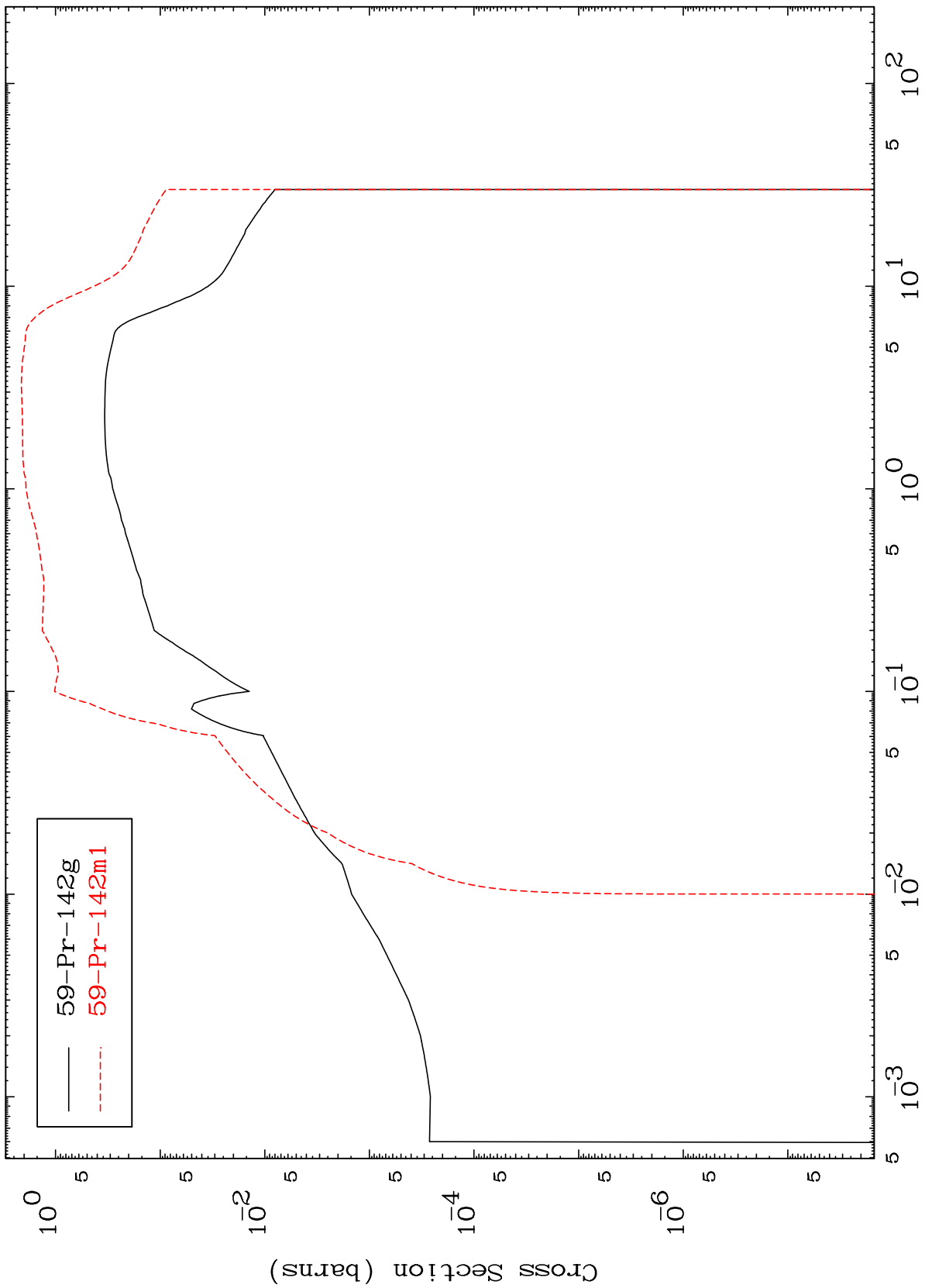
Incident Energy (MeV)

59-Pr-142

MAT 5929

59-Pr-142

Radionuclide Production Cross Section



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

59-Pr-142

Incident Energy (MeV)

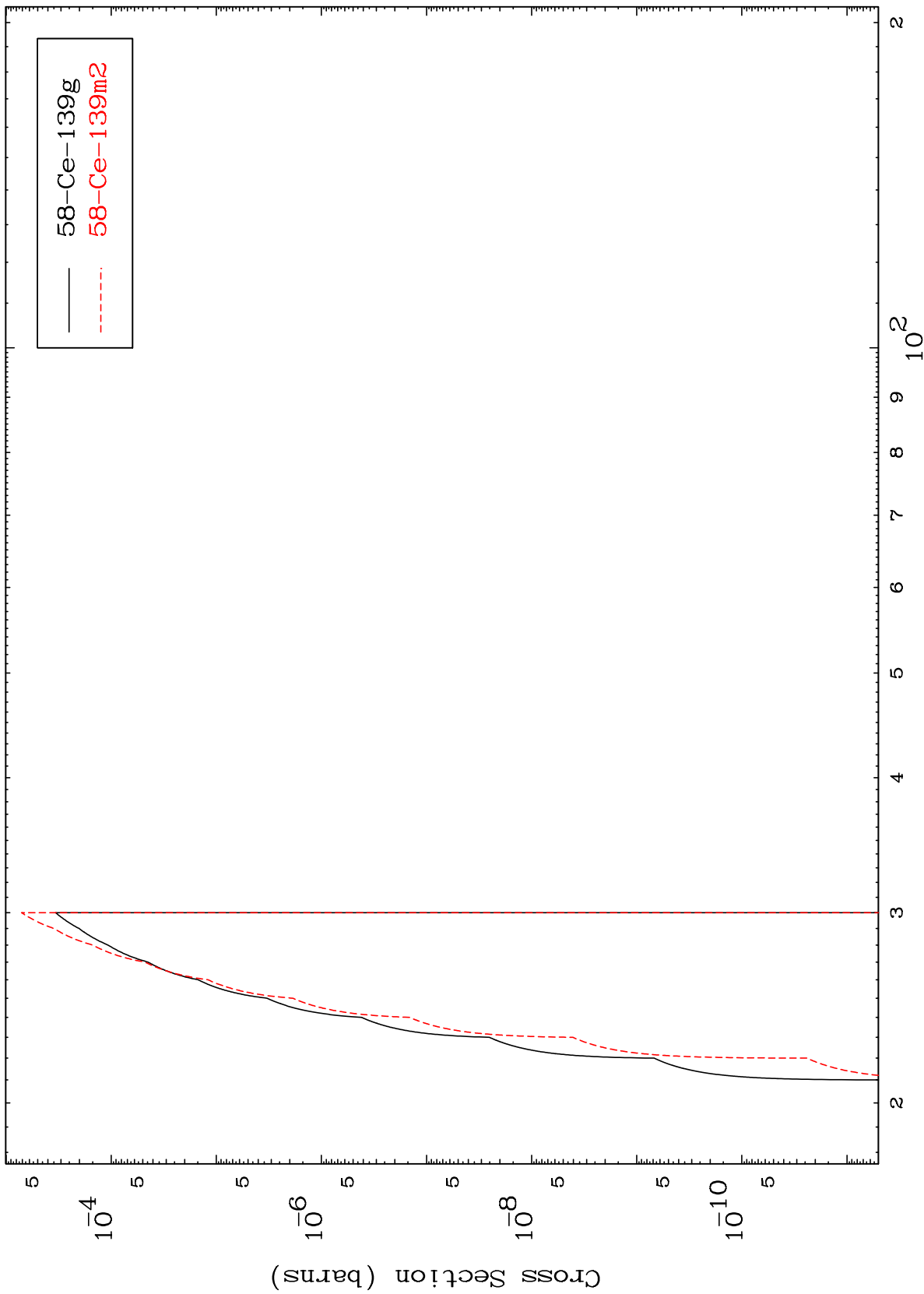
19

MAT 5929

(n,2n) d

59-Pr-142

Radionuclide Production Cross Section



20

Incident Energy (MeV)

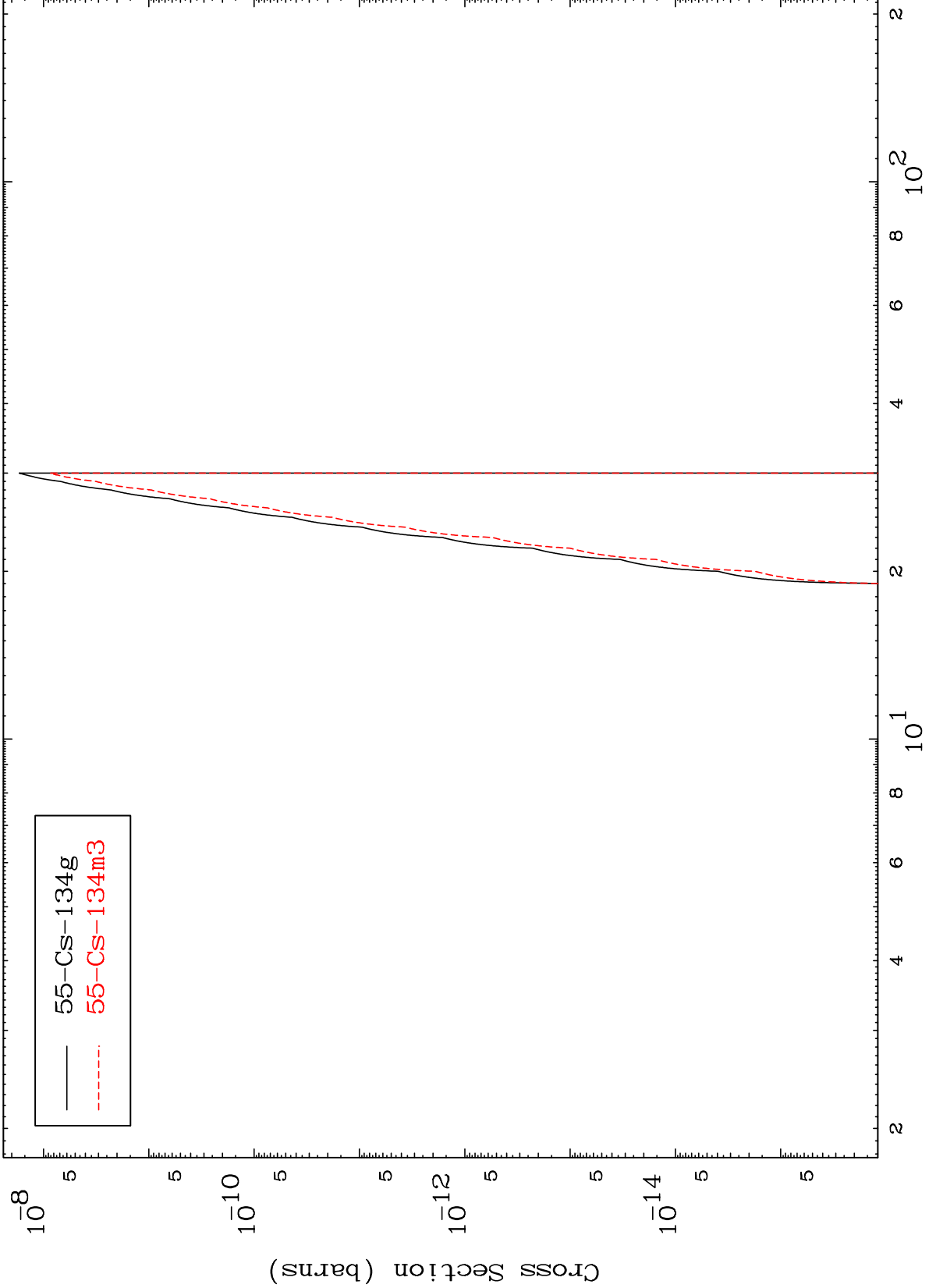
59-Pr-142

MAT 5929

(n,n') 2α

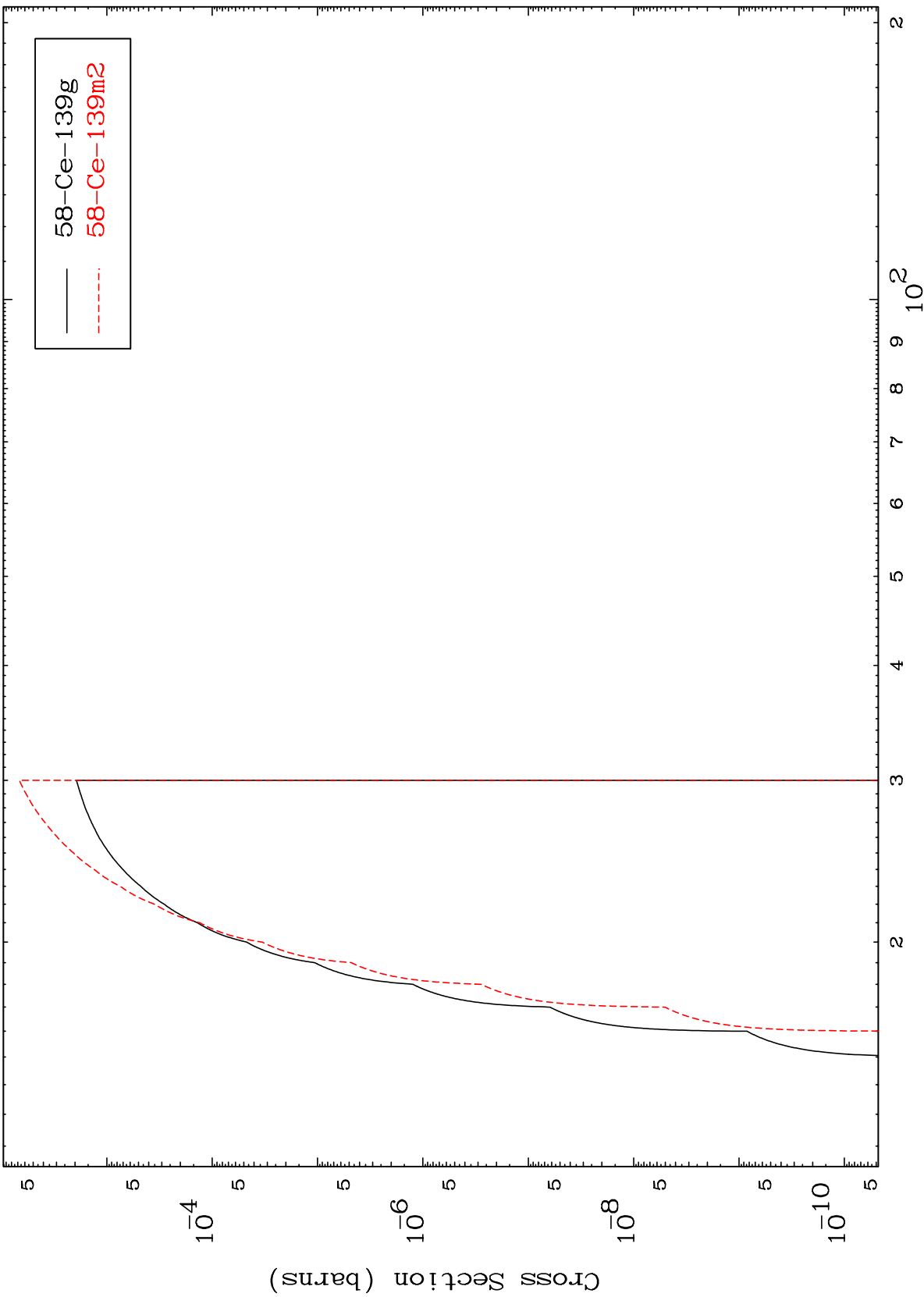
59-Pr-142

Radionuclide Production Cross Section

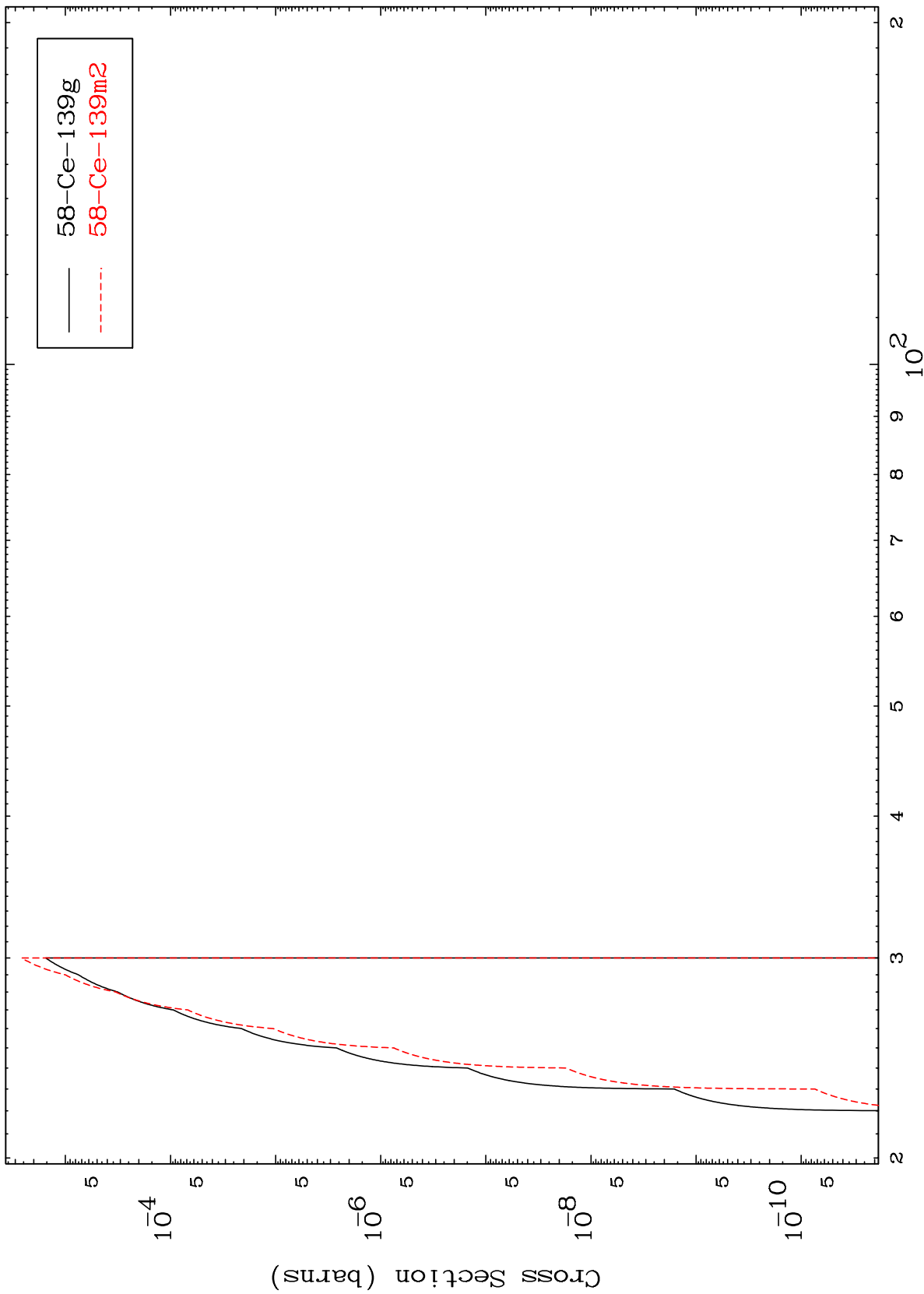


— 55-Cs-134g
- - - 55-Cs-134m3

Radionuclide Production Cross Section



Radionuclide Production Cross Section

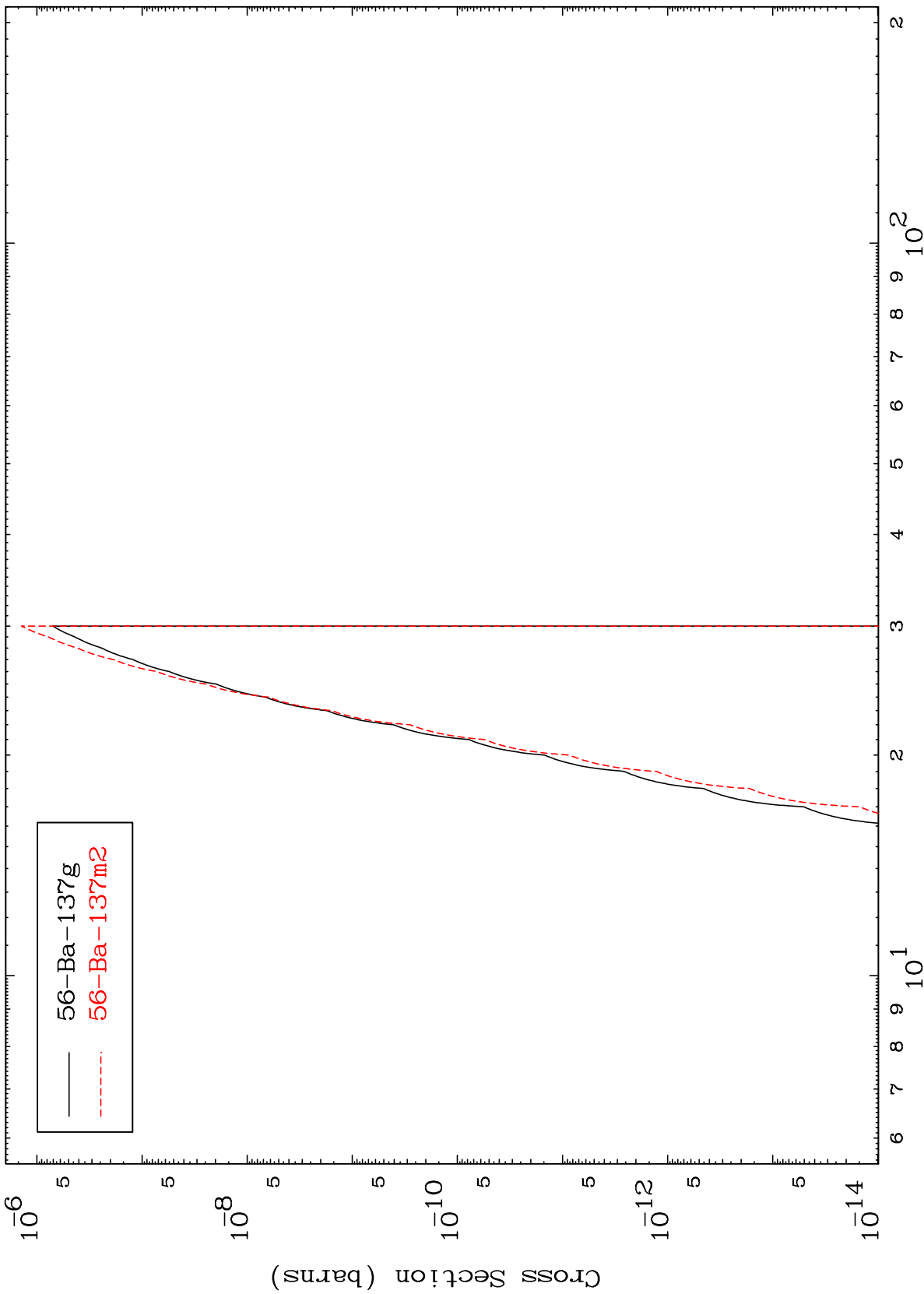


MAT 5929

(n,n') p α

59-Pr-142

Radionuclide Production Cross Section



24

Incident Energy (MeV)

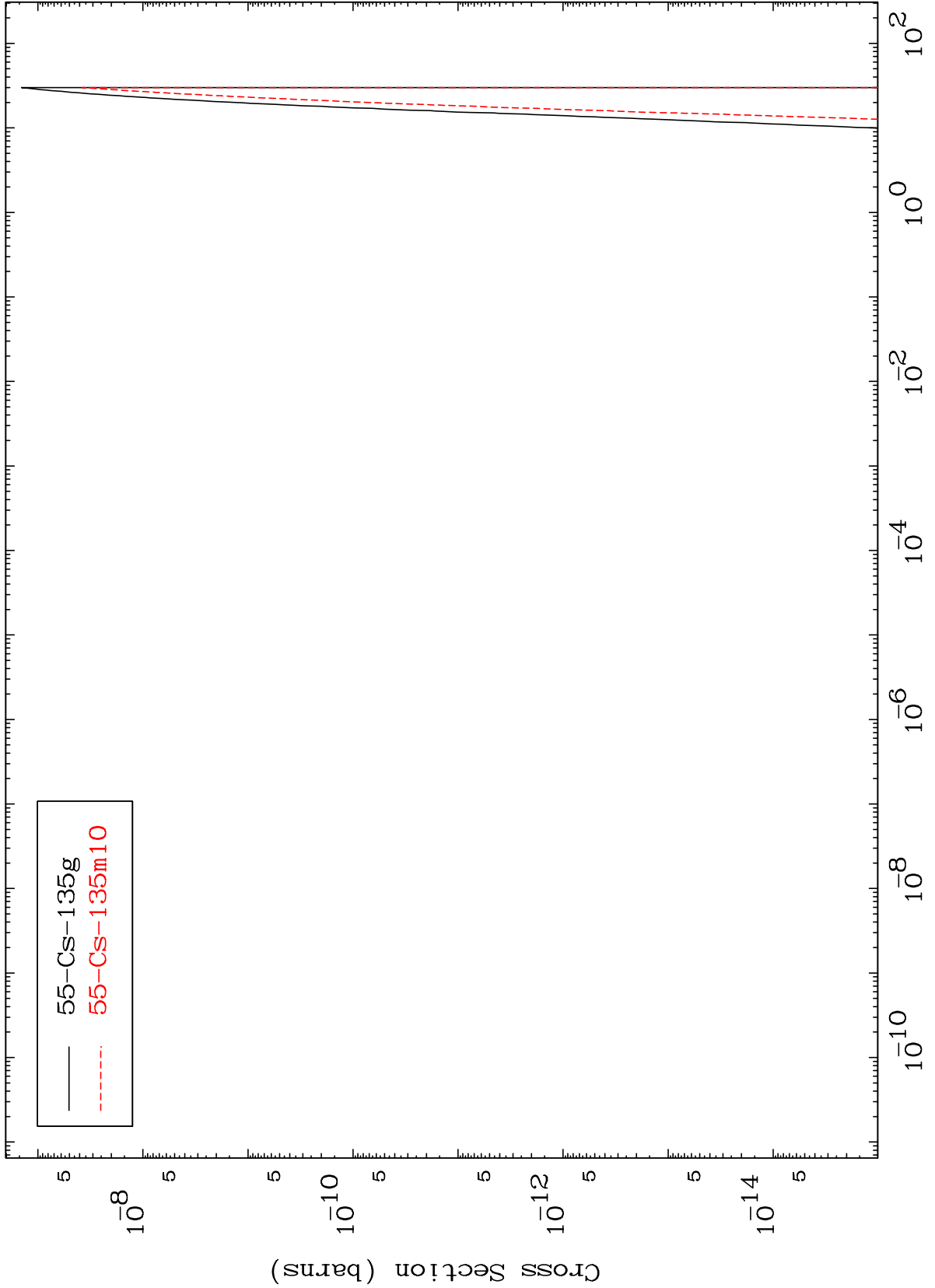
59-Pr-142

MAT 5929

(n,2α)

59-Pr-142

Radionuclide Production Cross Section



Radionuclide Production Cross Section

