

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

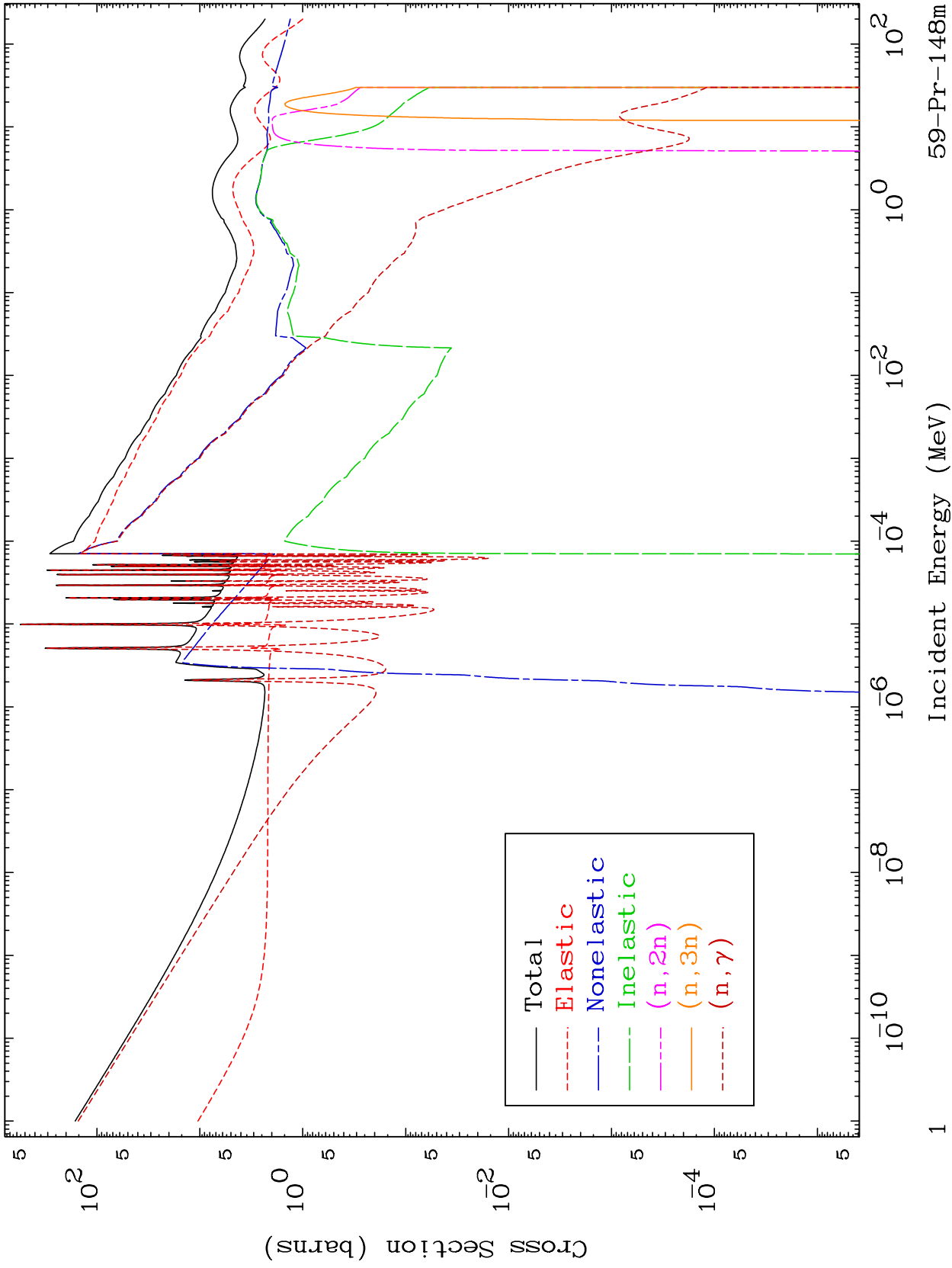
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5947

Neutron Major
293 Kelvin Cross Sections

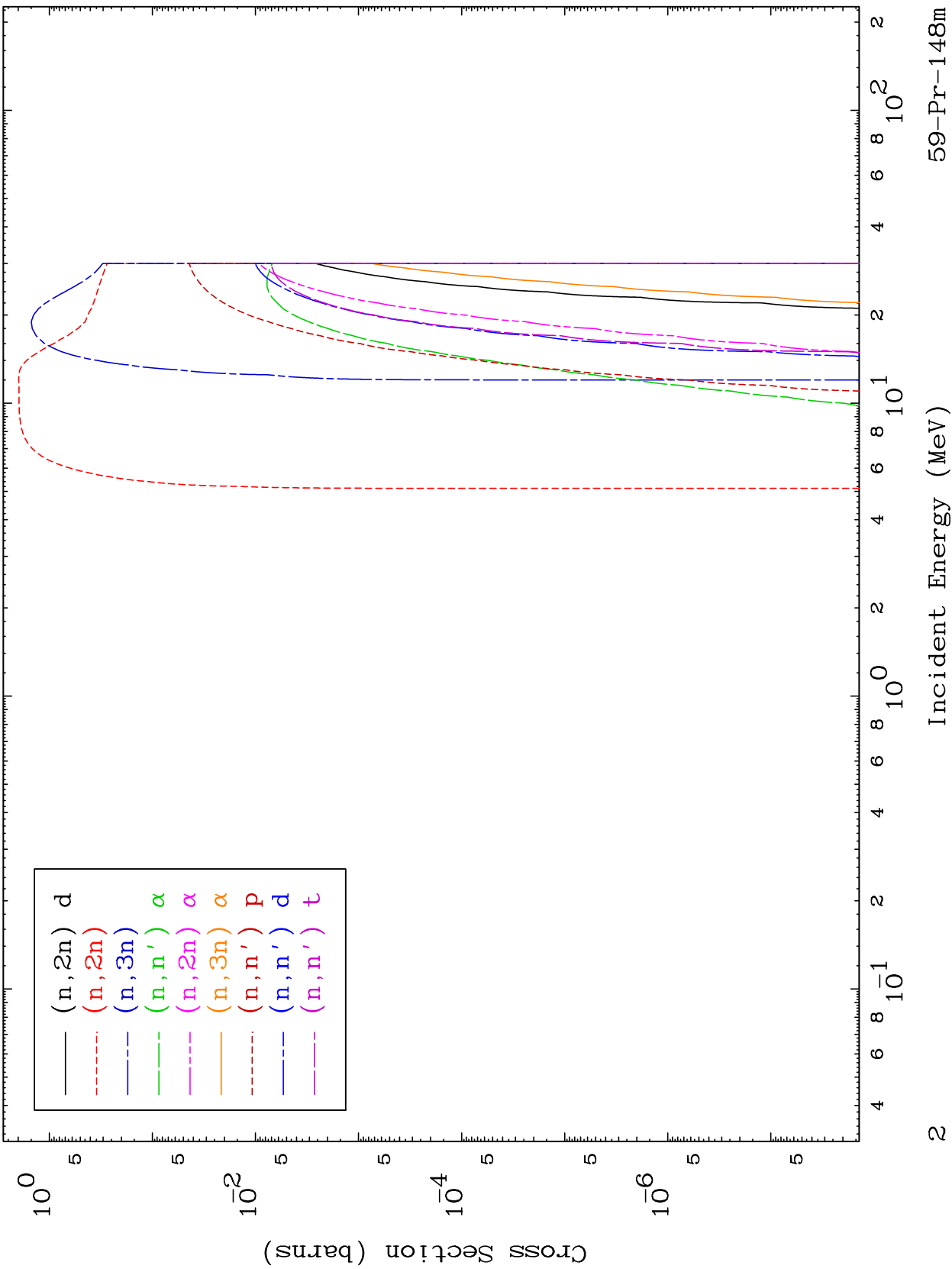
59-Pr-148m



MAT 5947

Neutron Absorption
293 Kelvin Cross Sections

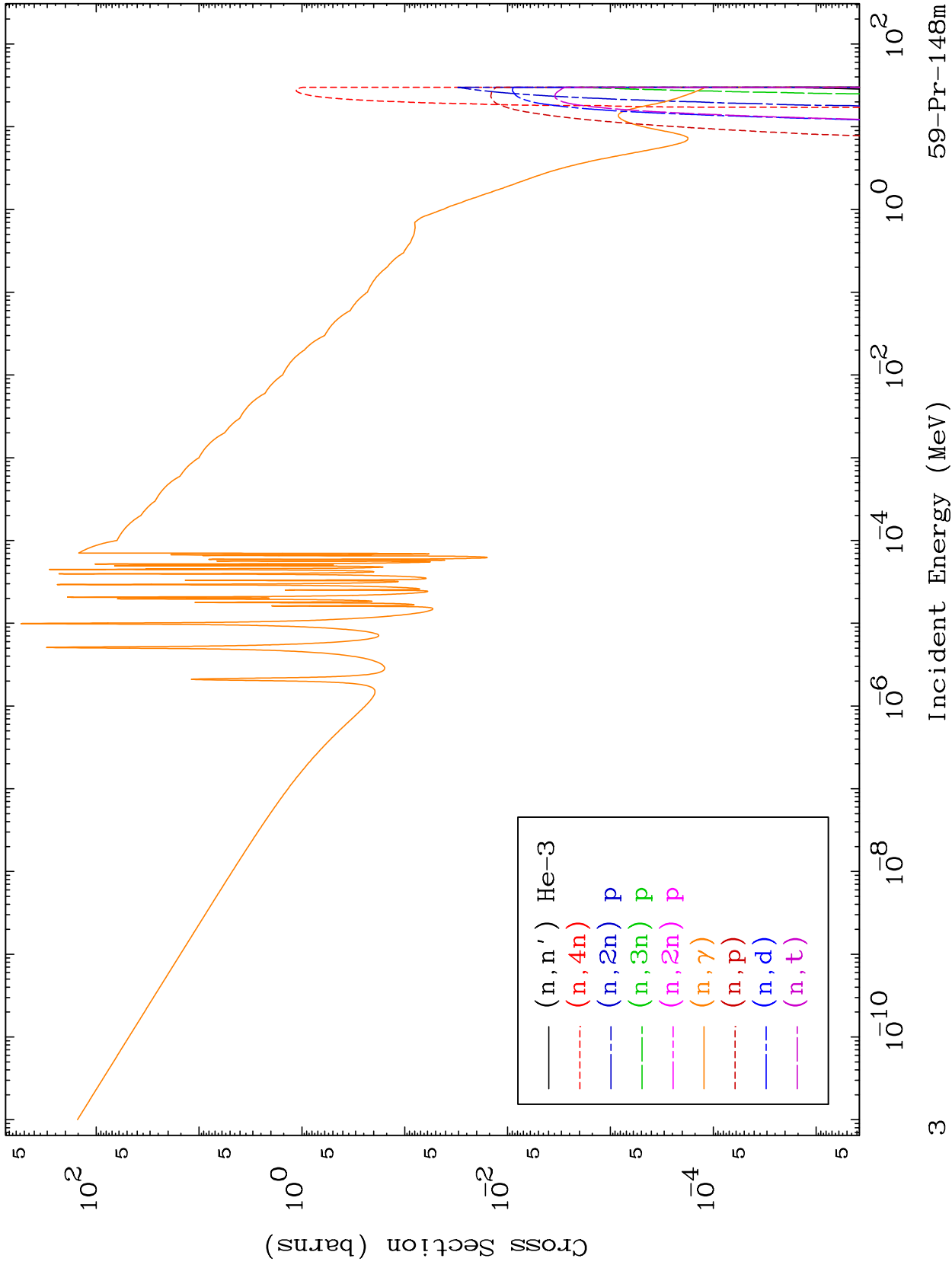
59-Pr-148m



MAT 5947

Neutron Absorption
293 Kelvin Cross Sections

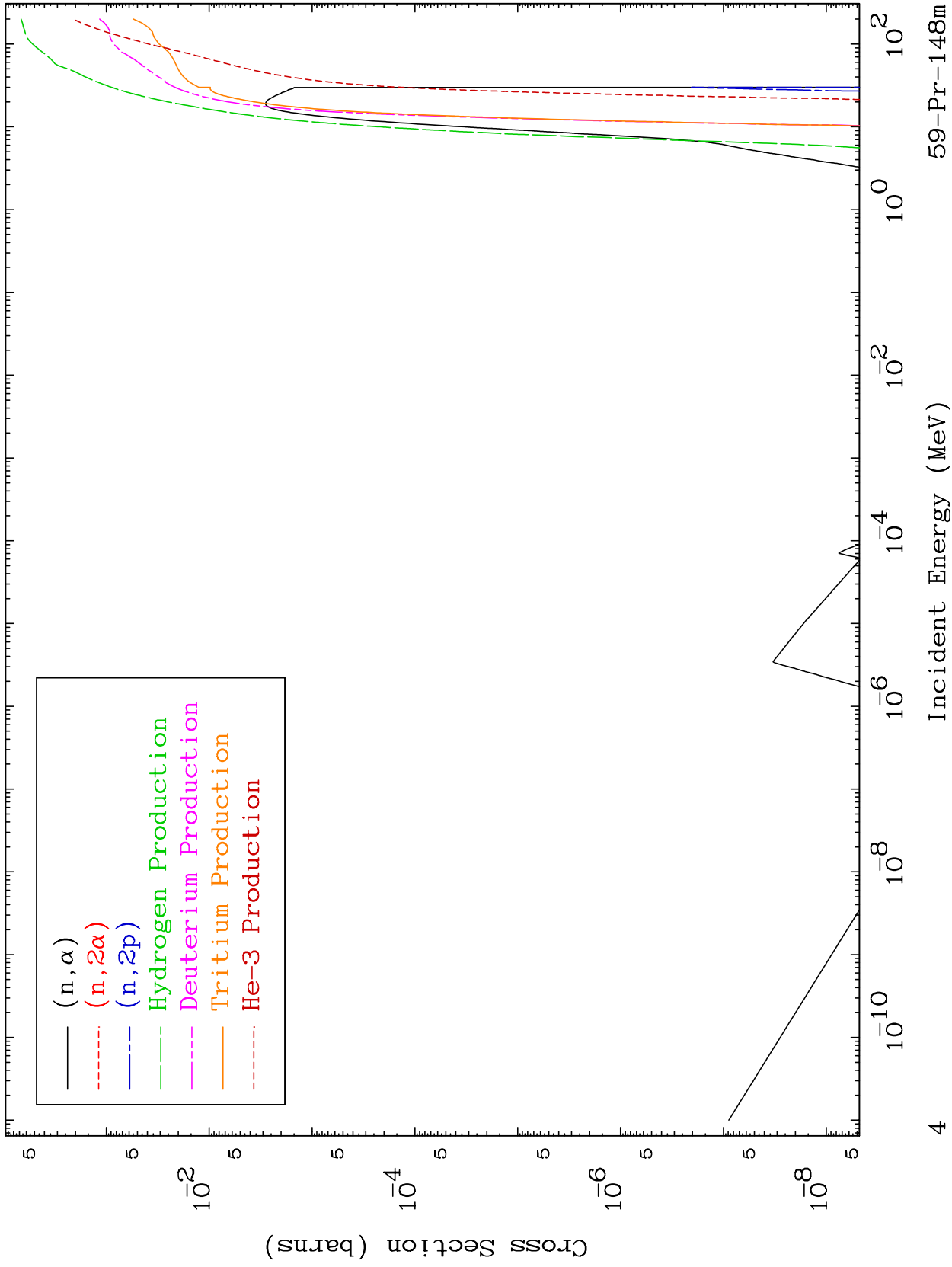
59-Pr-148m



MAT 5947

Neutron Absorption
293 Kelvin Cross Sections

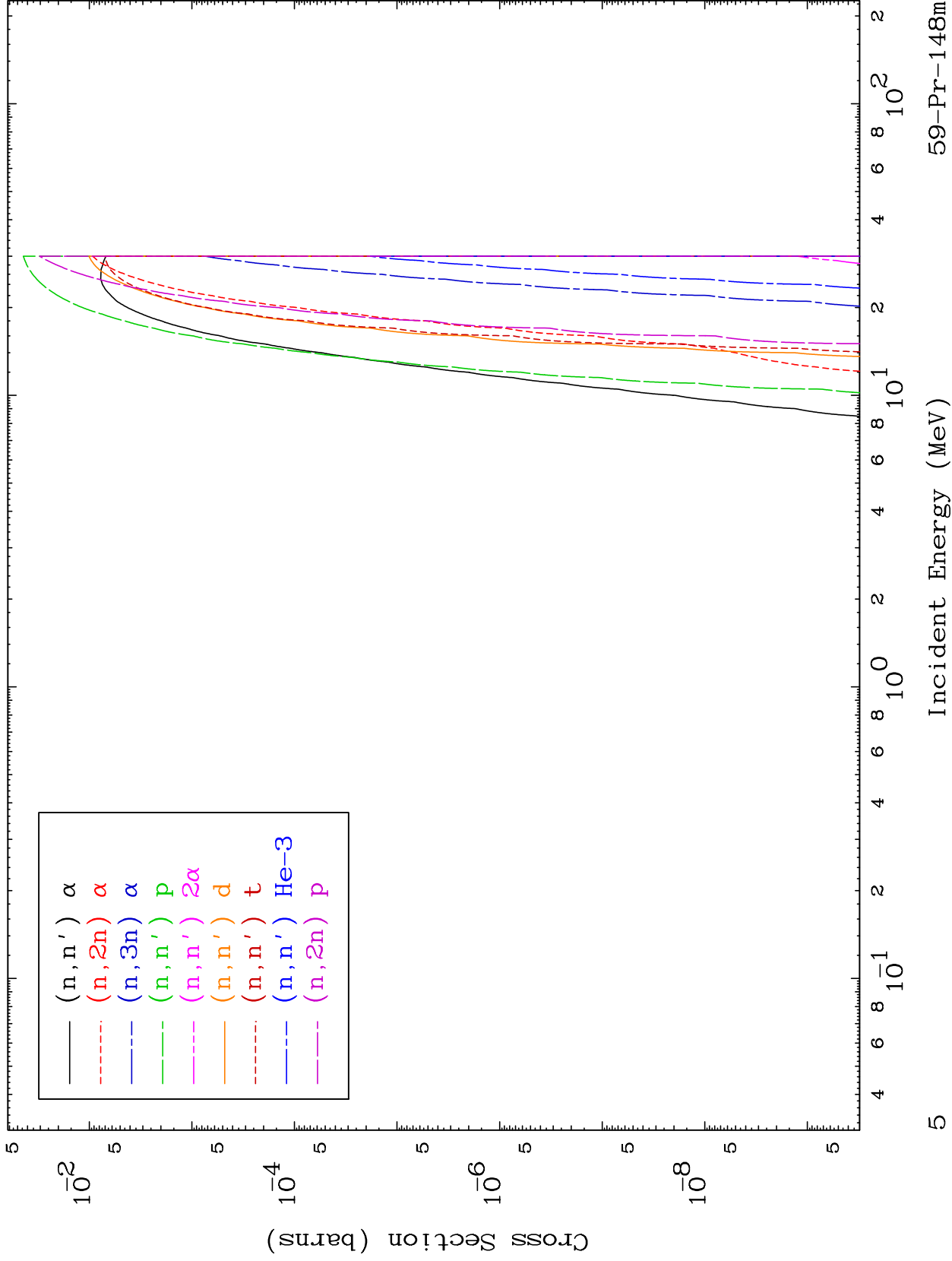
59-Pr-148m



MAT 5947

Charged Particle
293 Kelvin Cross Sections

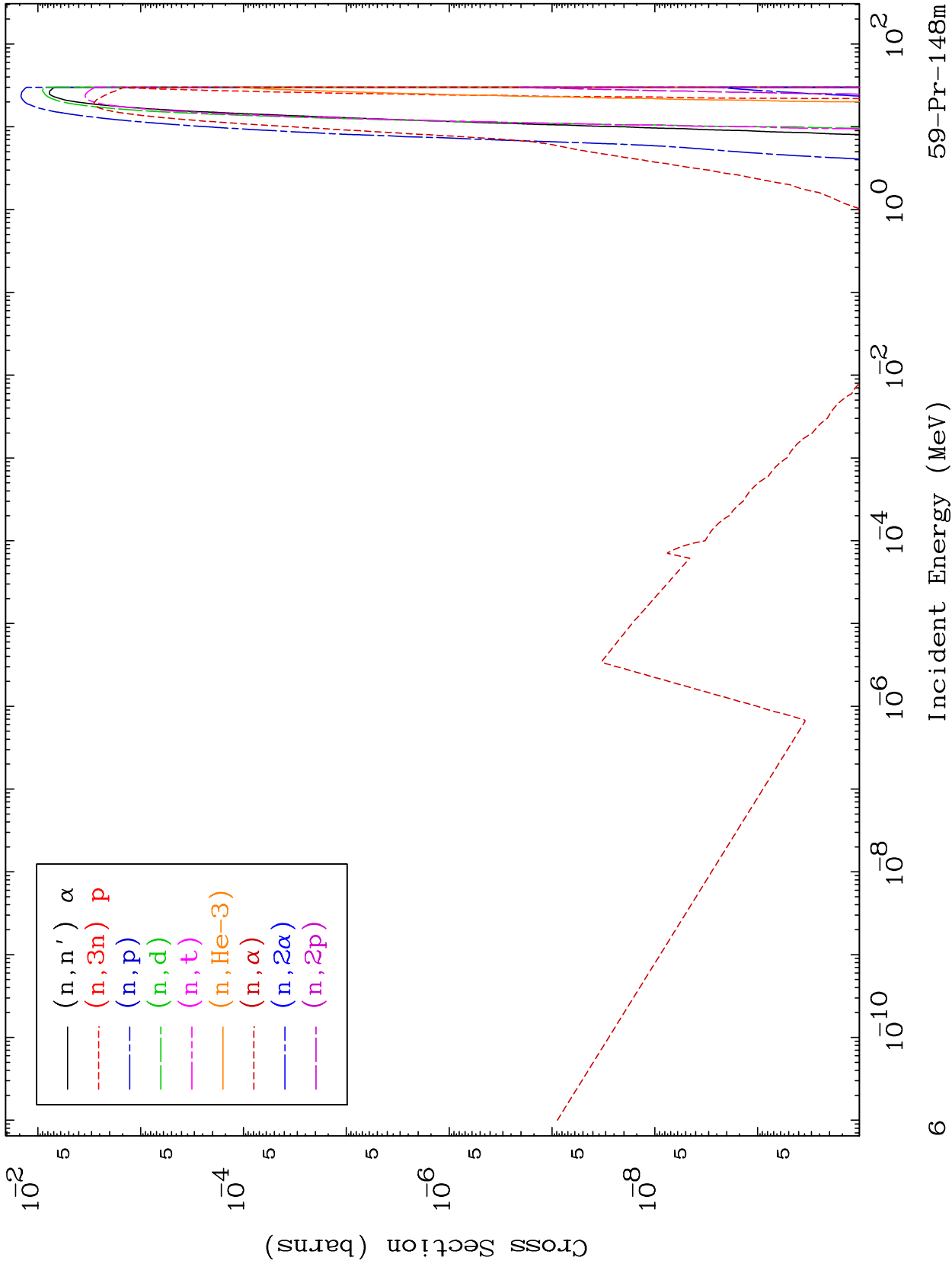
59-Pr-148m



MAT 5947

Charged Particle
293 Kelvin Cross Sections

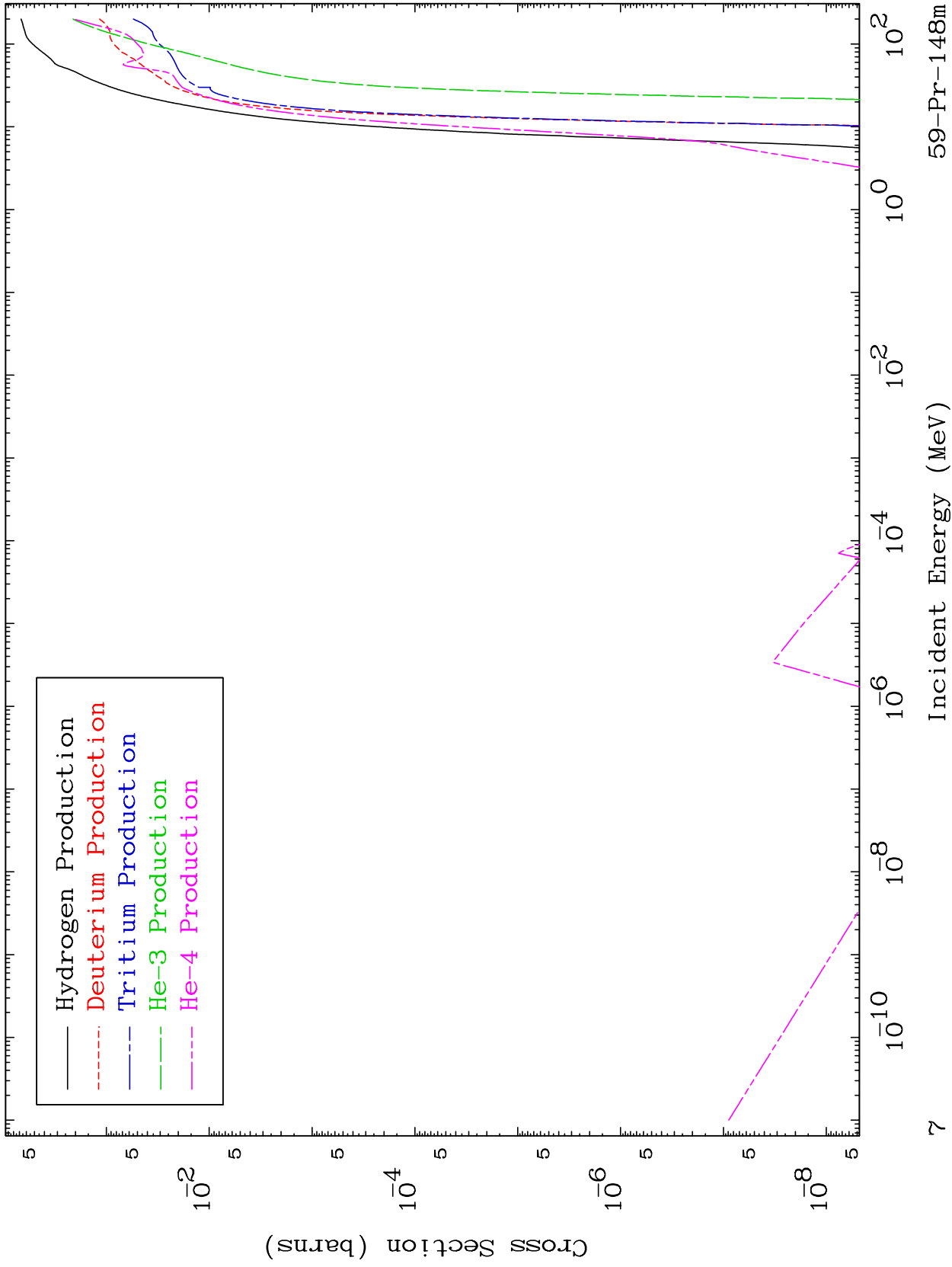
59-Pr-148m



MAT 5947

Particle Production
293 Kelvin Cross Sections

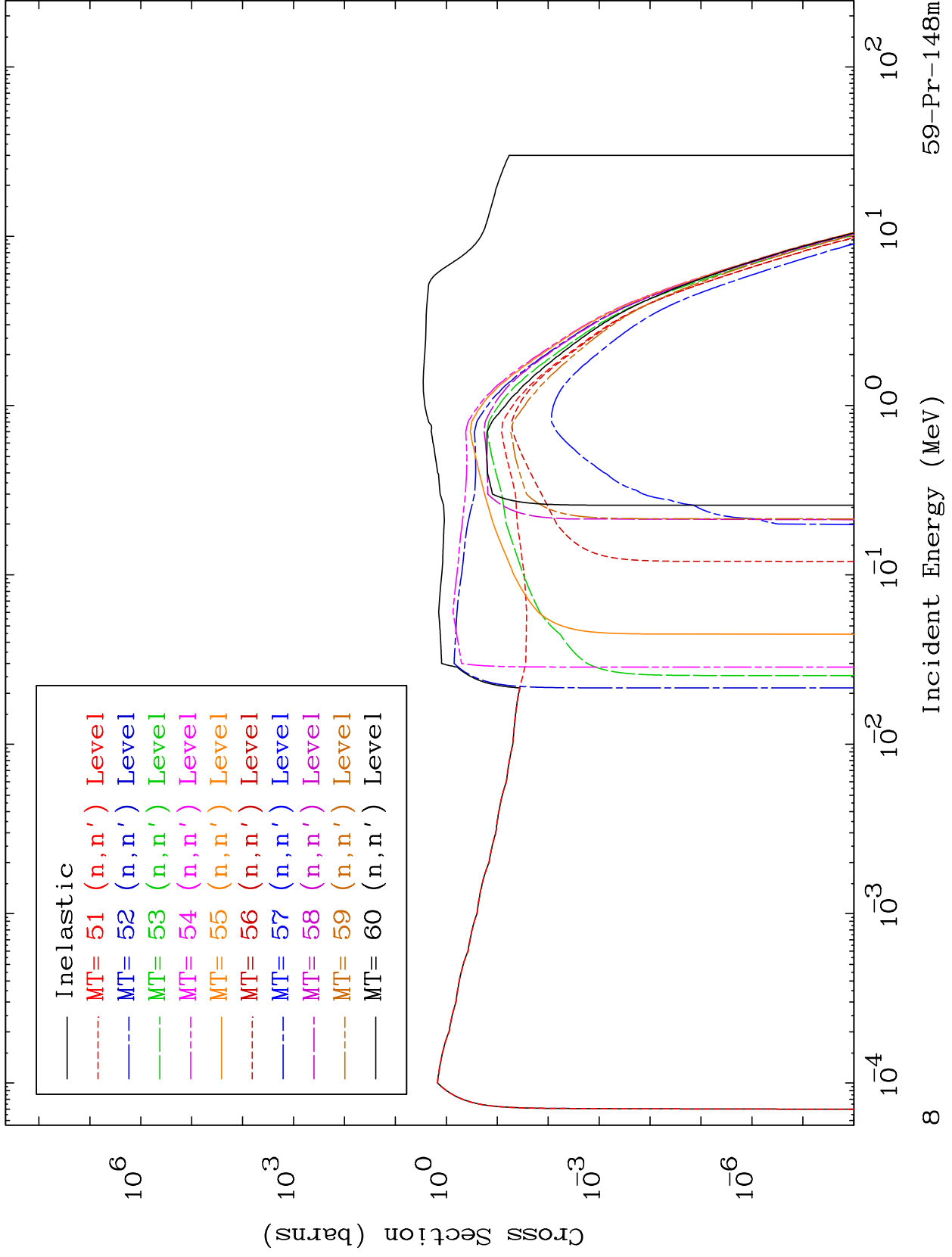
59-Pr-148m



MAT 5947

(n,n') Levels
293 Kelvin Cross Sections

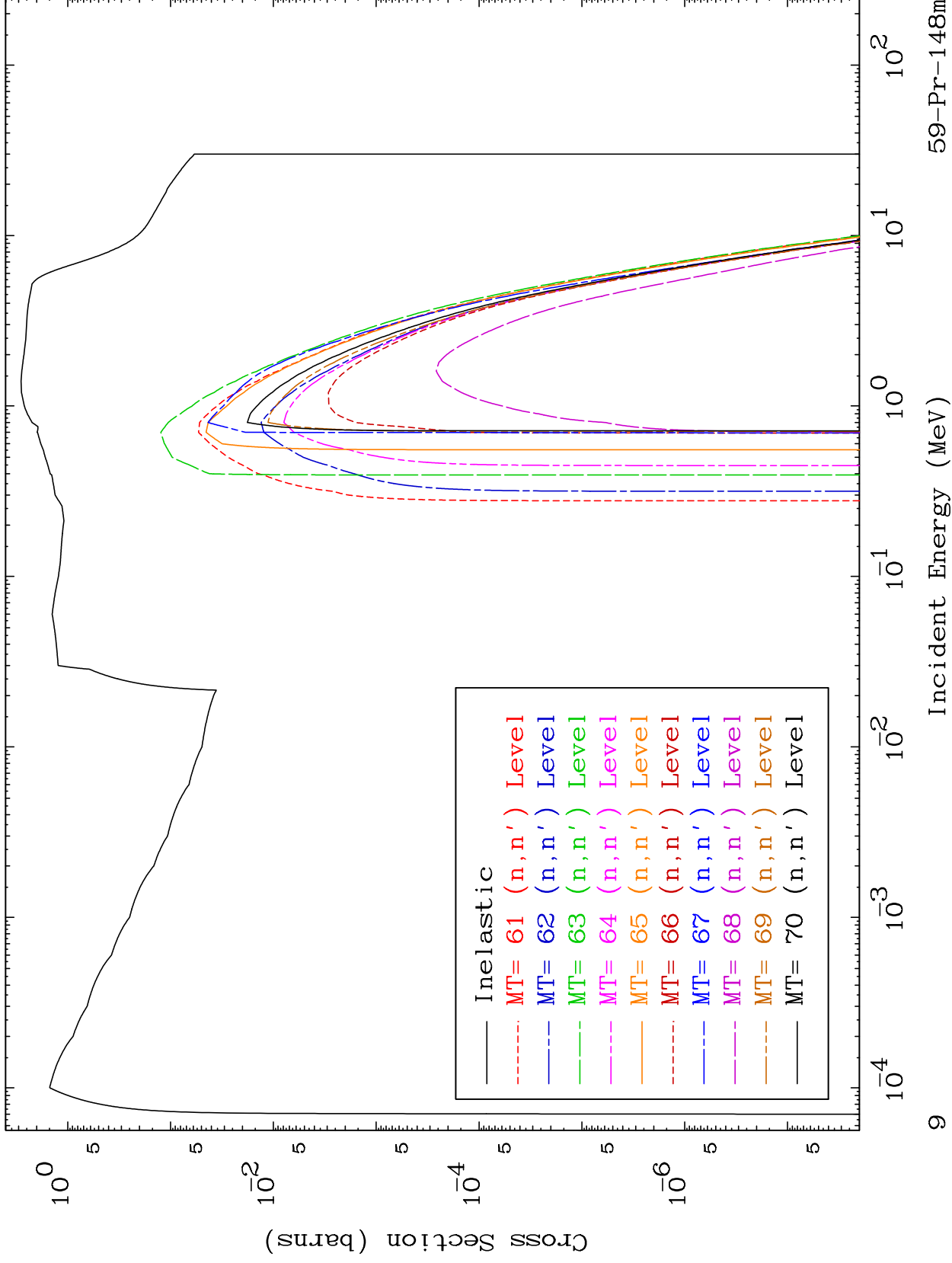
59-Pr-148m



MAT 5947

(n,n') Levels
293 Kelvin Cross Sections

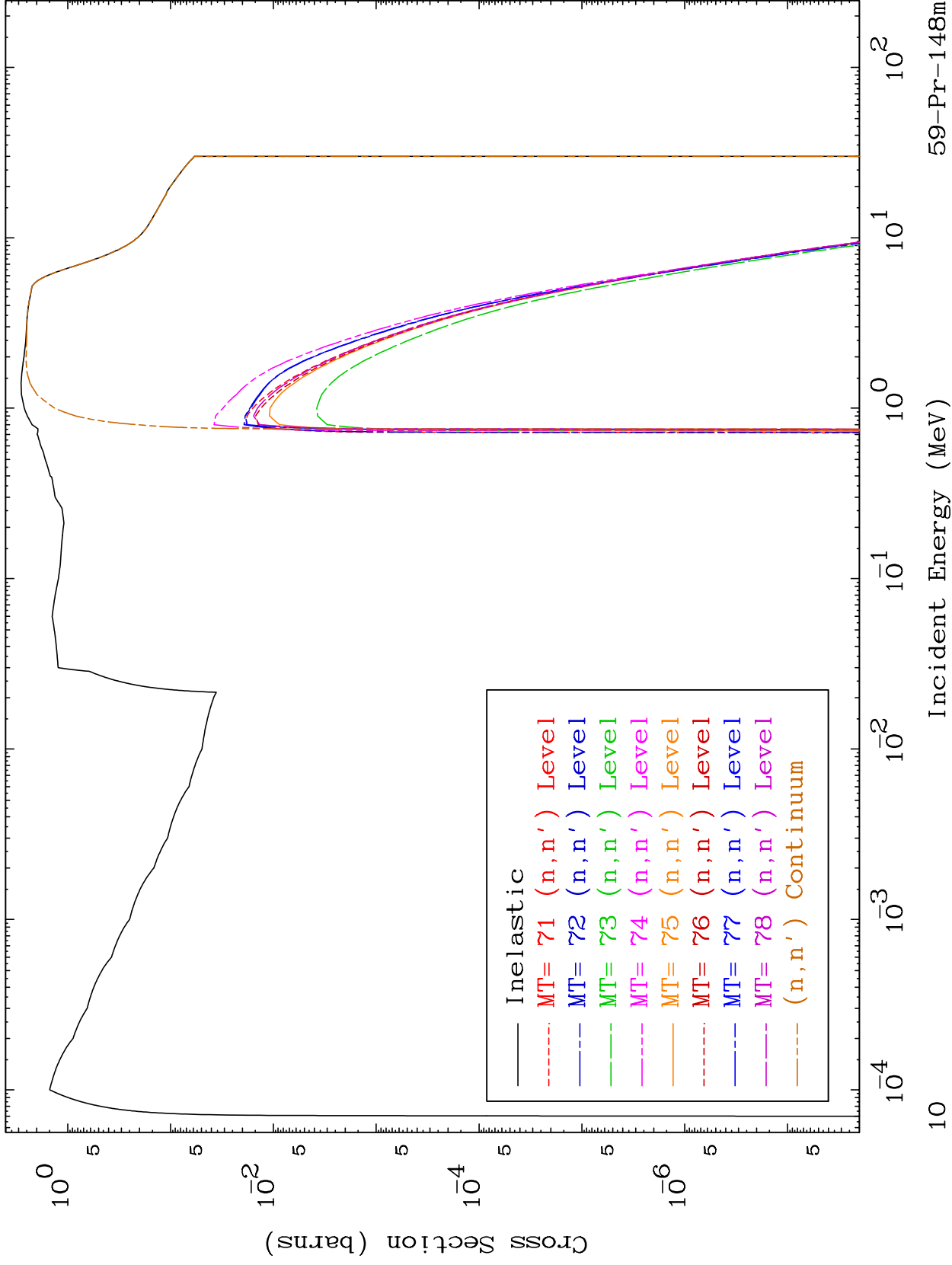
59-Pr-148m



MAT 5947

(n,n') Levels
293 Kelvin Cross Sections

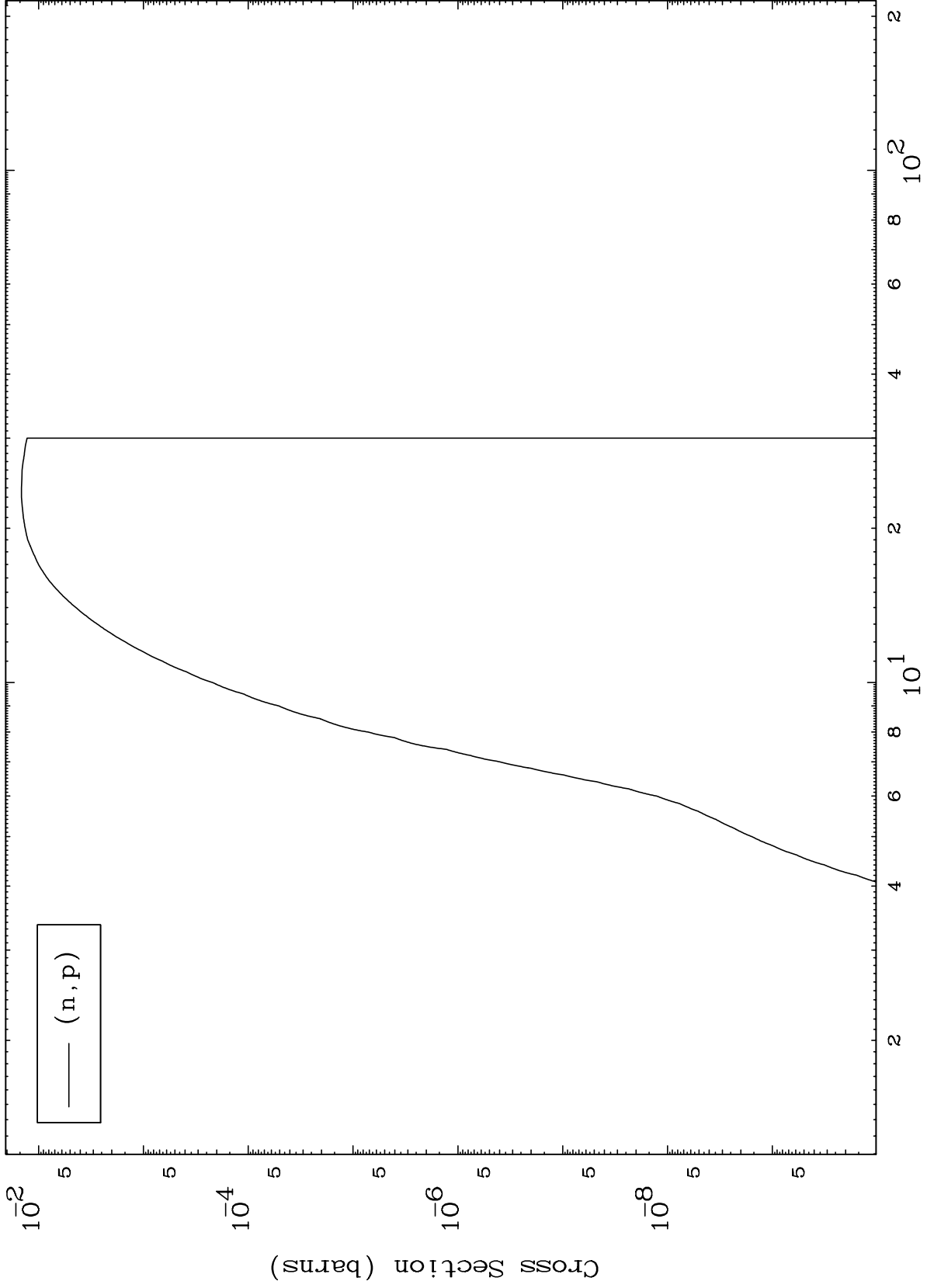
59-Pr-148m



MAT 5947

(n,p) Levels
293 Kelvin Cross Sections

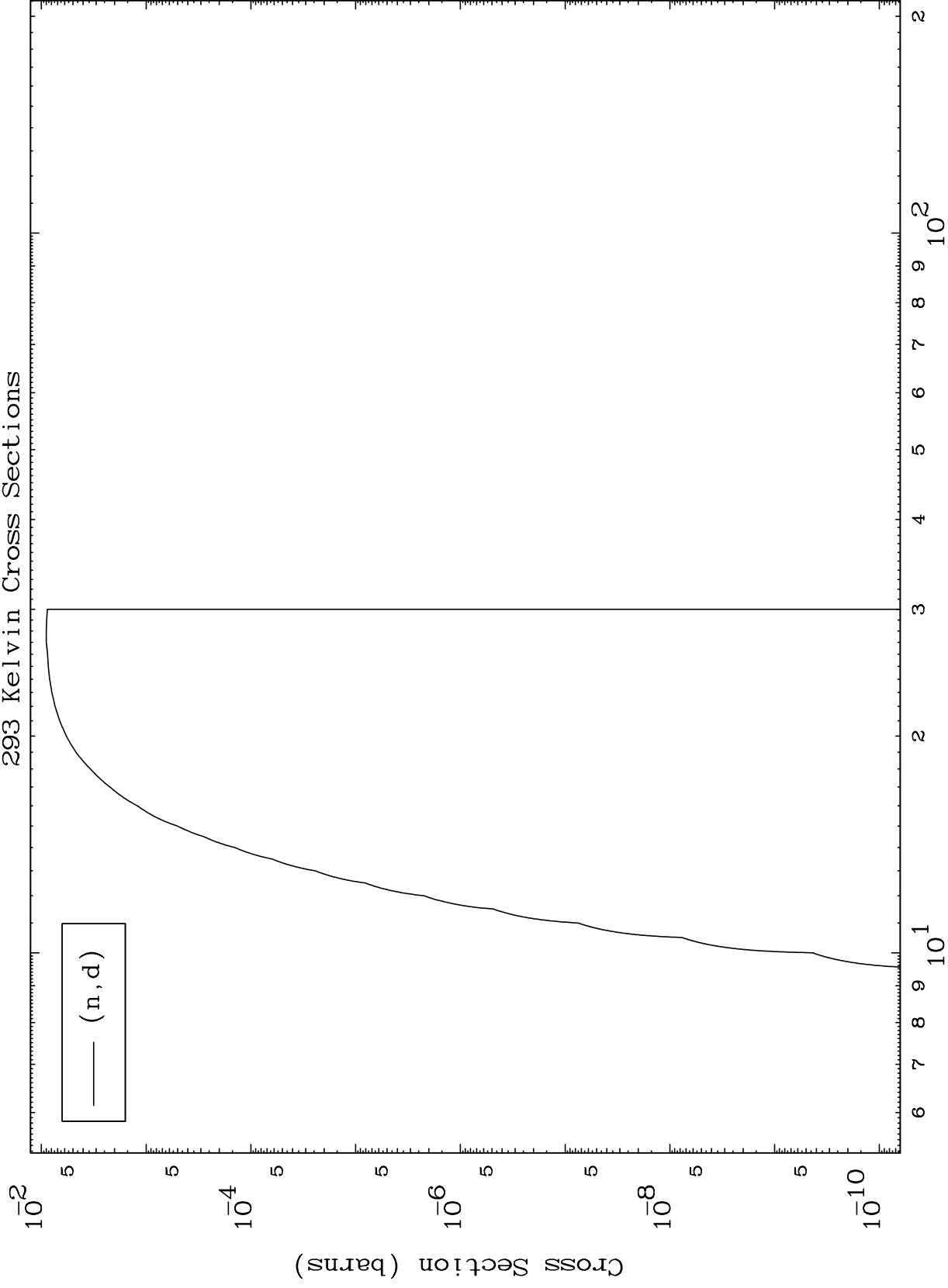
59-Pr-148m



MAT 5947

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-148m



12

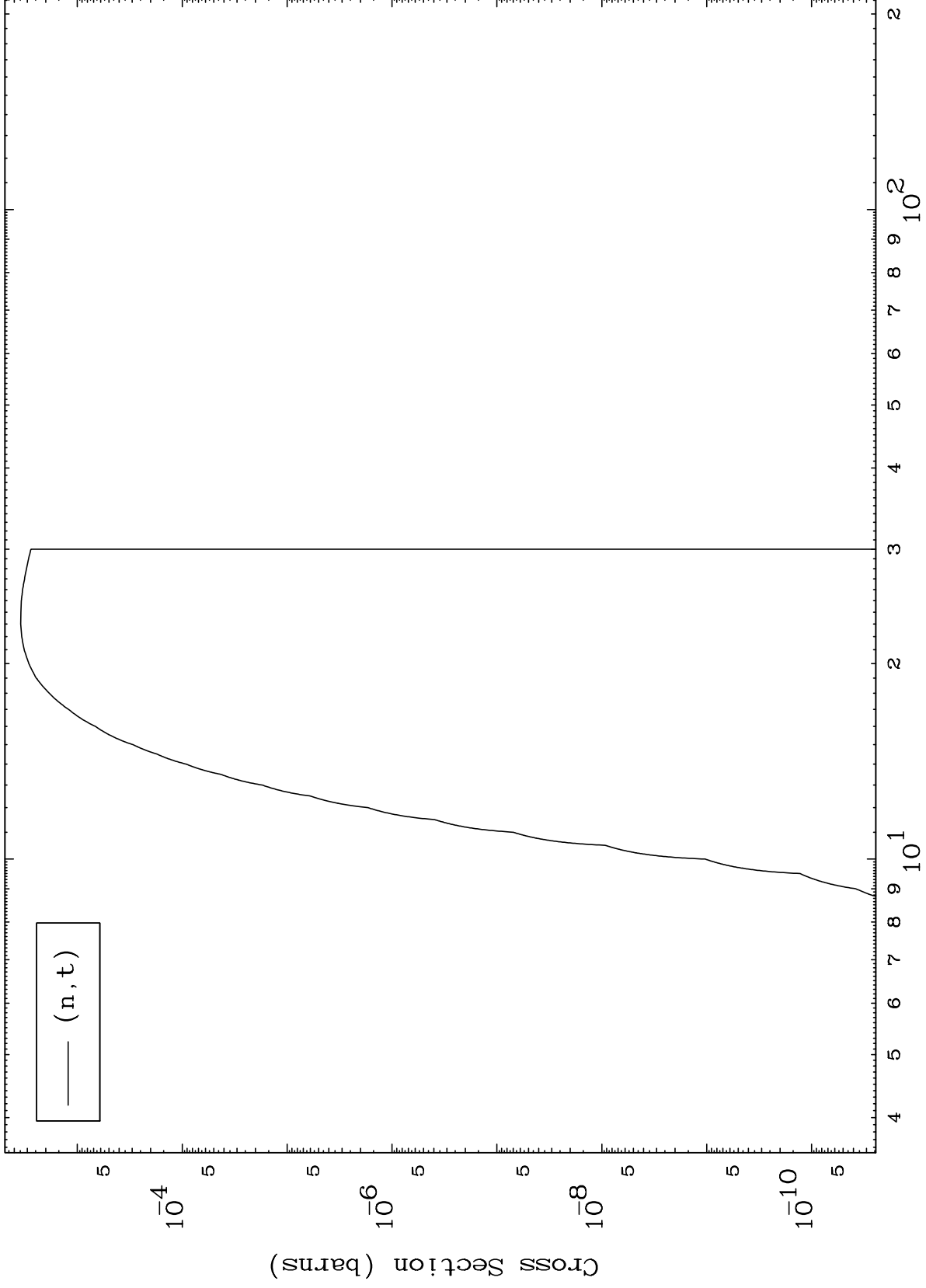
Incident Energy (MeV)

59-Pr-148m

MAT 5947

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-148m



13

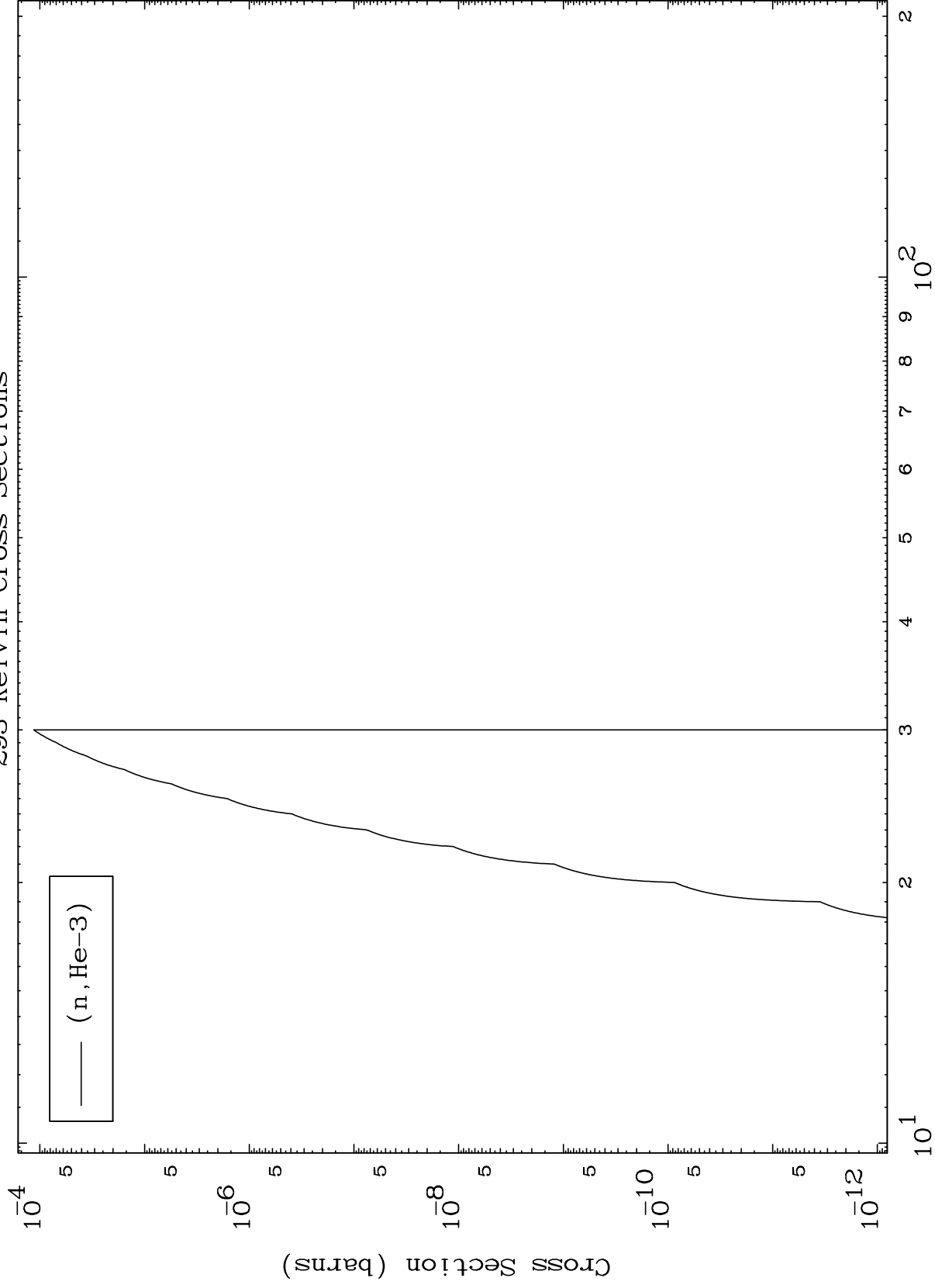
Incident Energy (MeV)

59-Pr-148m

MAT 5947

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-148m



14

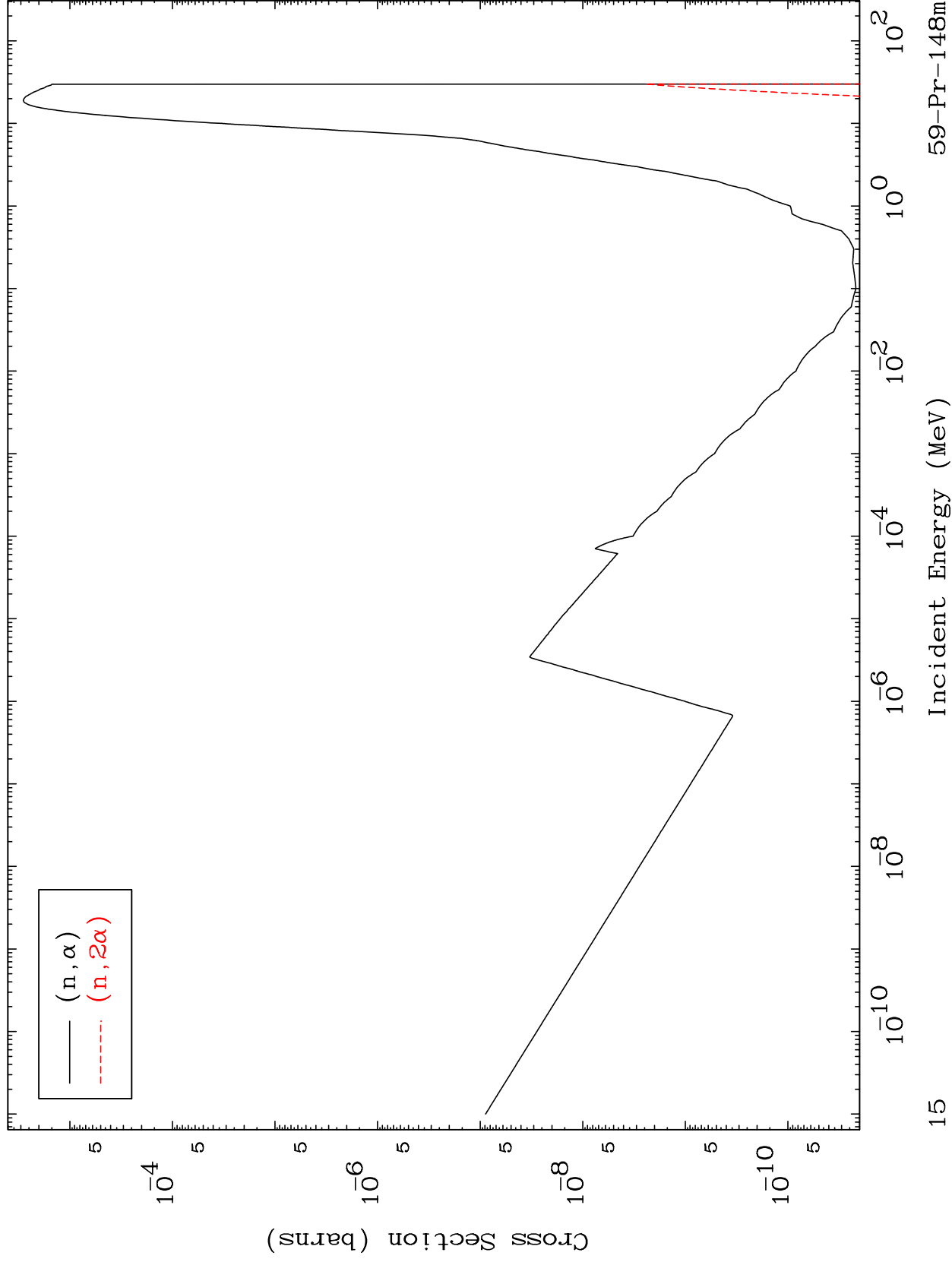
Incident Energy (MeV)

59-Pr-148m

MAT 5947

(n, α) Levels
293 Kelvin Cross Sections

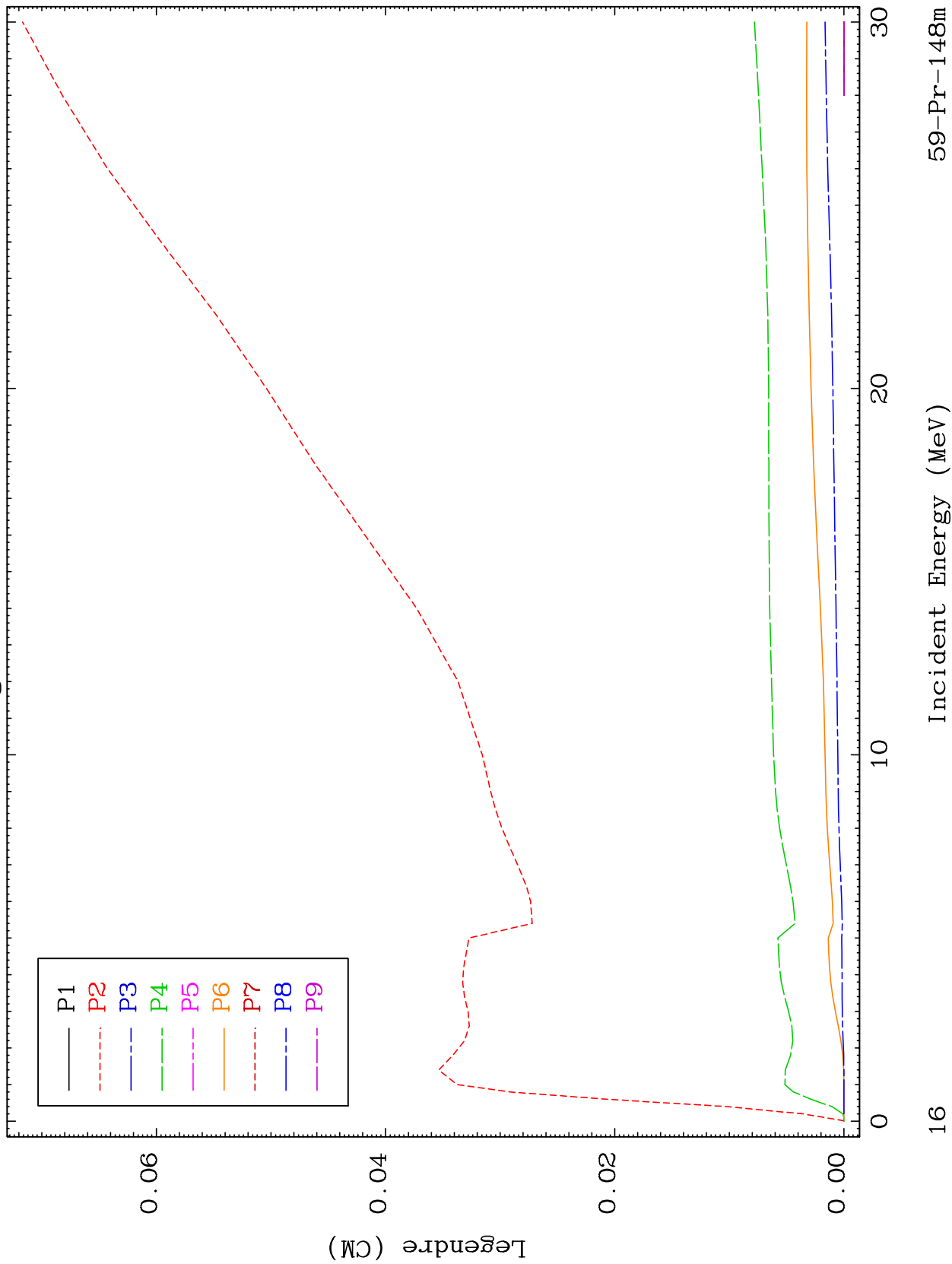
59-Pr-148m

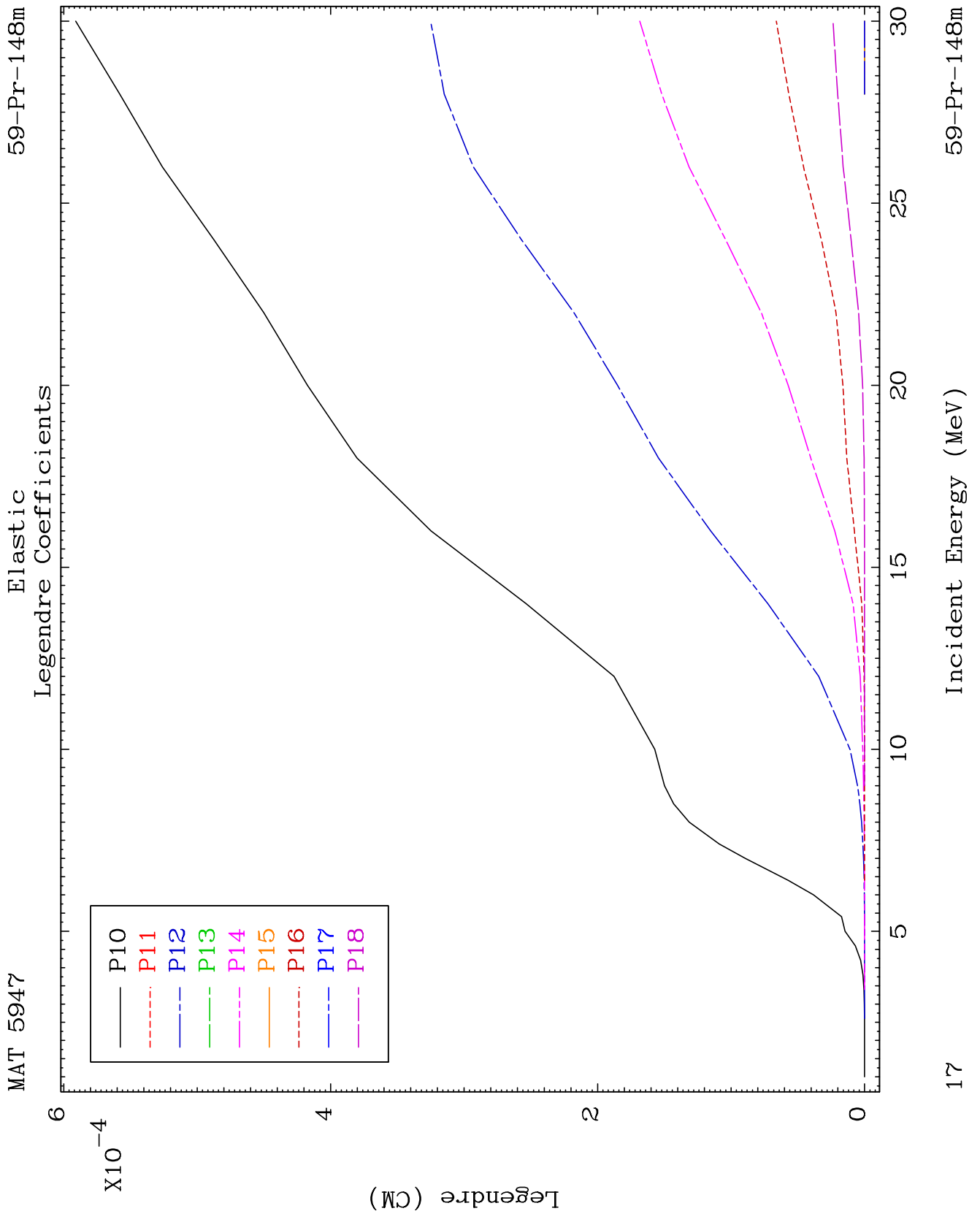


MAT 5947

Elastic Legendre Coefficients

59-Pr-148m

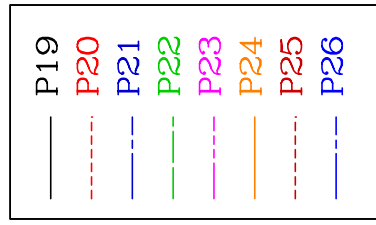




MAT 5947

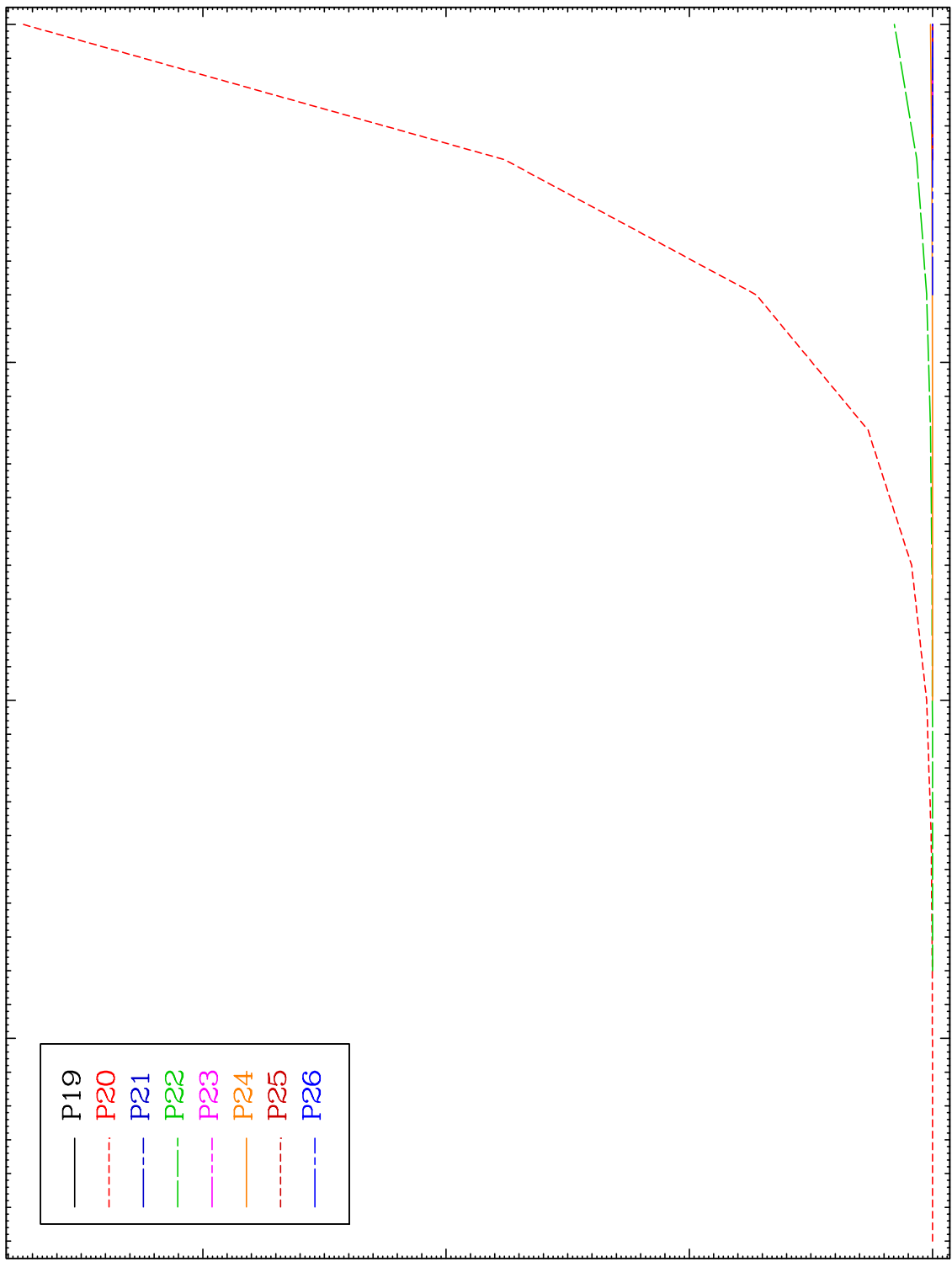
Elastic
Legendre Coefficients

59-Pr-148m



$\times 10^{-6}$

Legendre (CM)



18

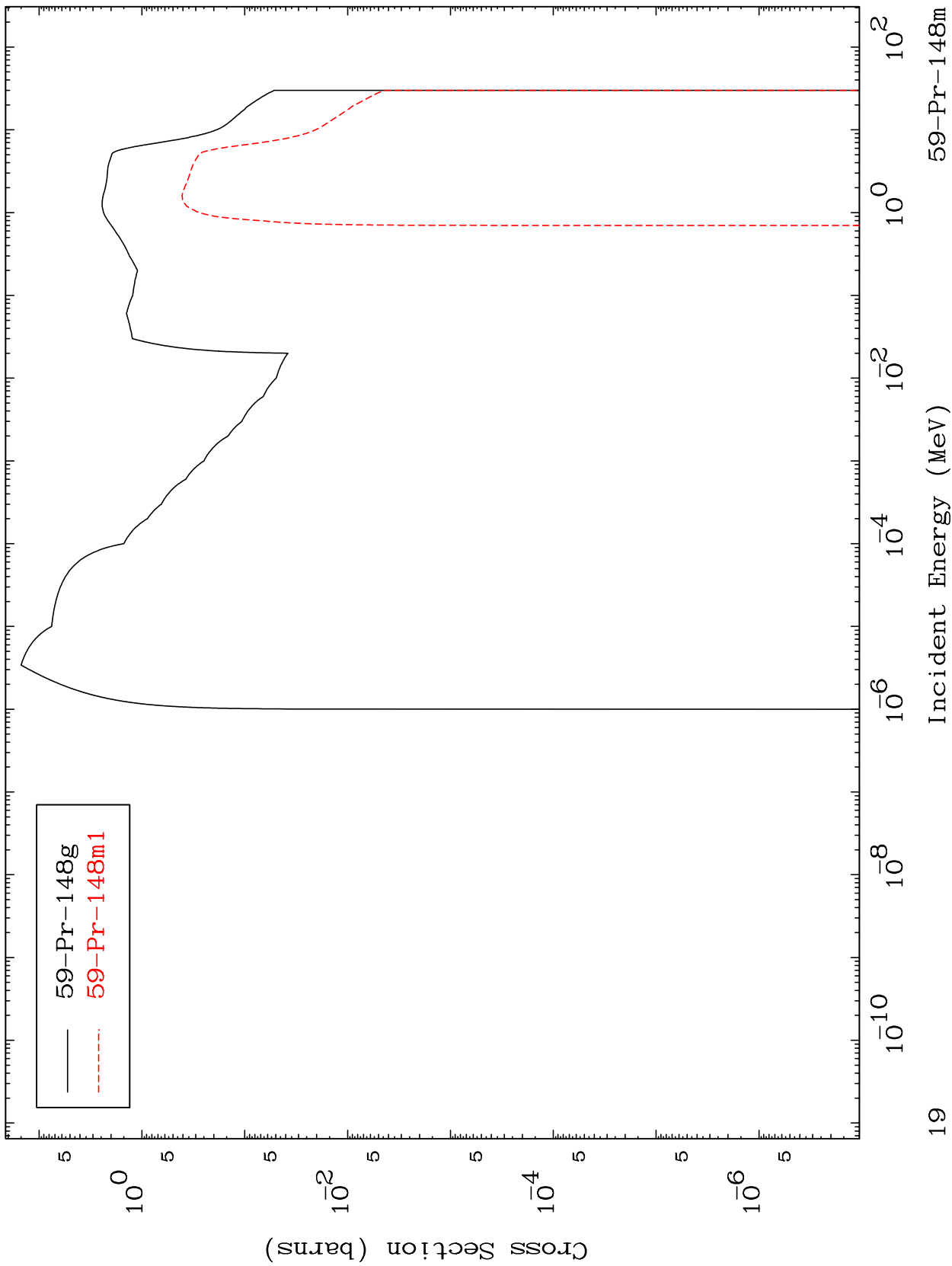
Incident Energy (MeV)

59-Pr-148m

MAT 5947

59-Pr-148m

Inelastic
Radionuclide Production Cross Section

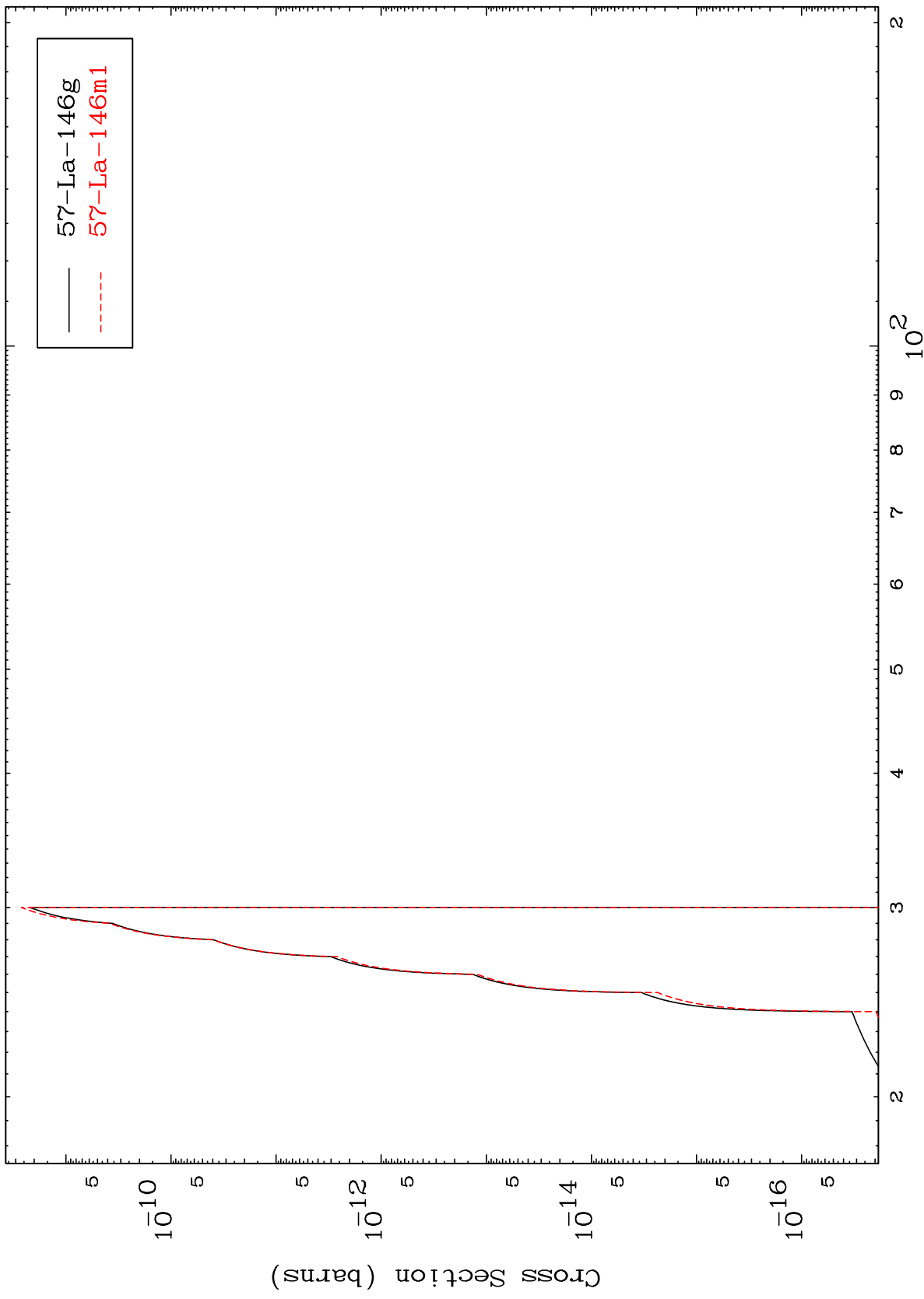


MAT 5947

(n,2n) p

59-Pr-148m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-148m

MAT 5947

(n,He-3)

59-Pr-148m

