

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

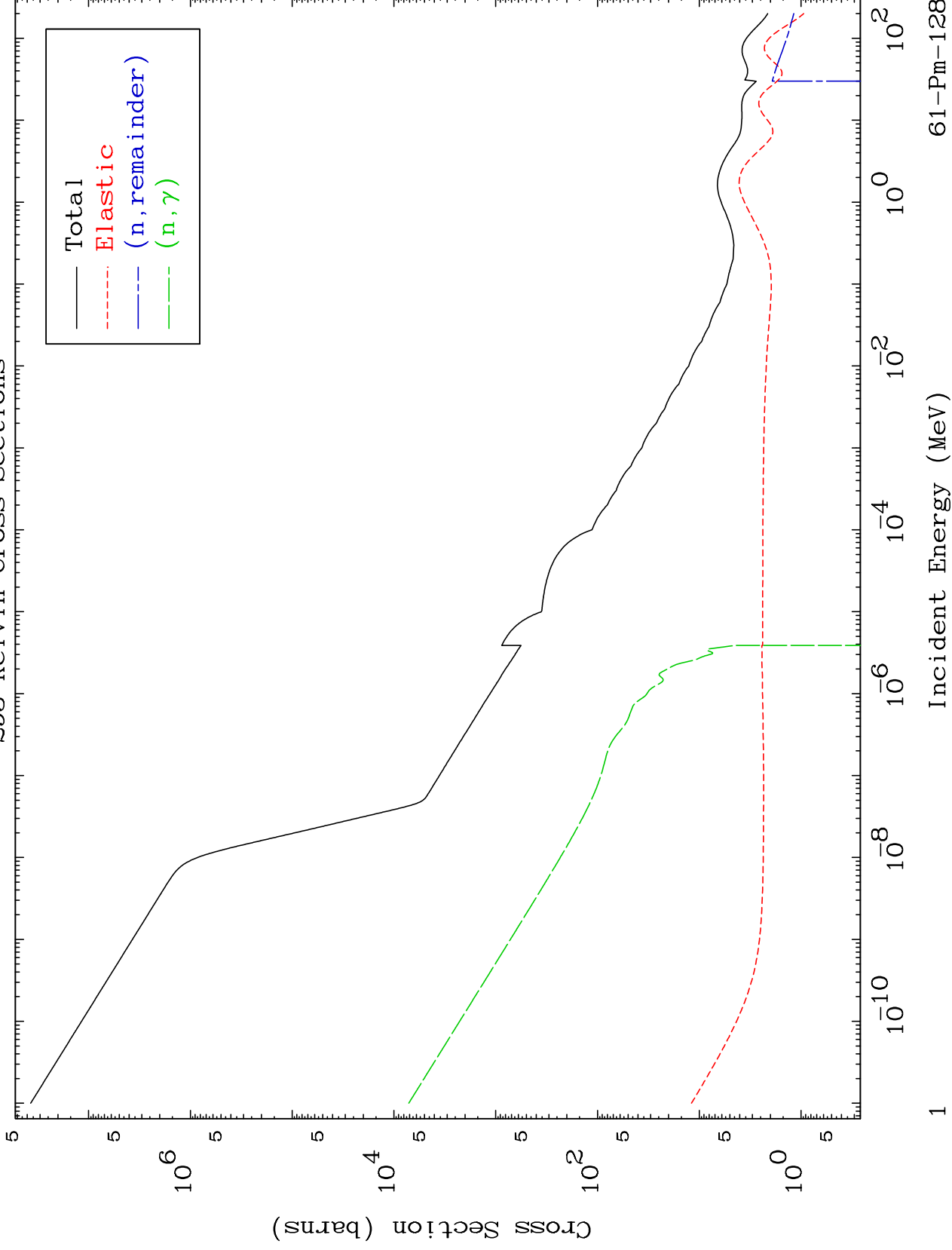
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6092

Major
293 Kelvin Cross Sections

61-Pm-128



1

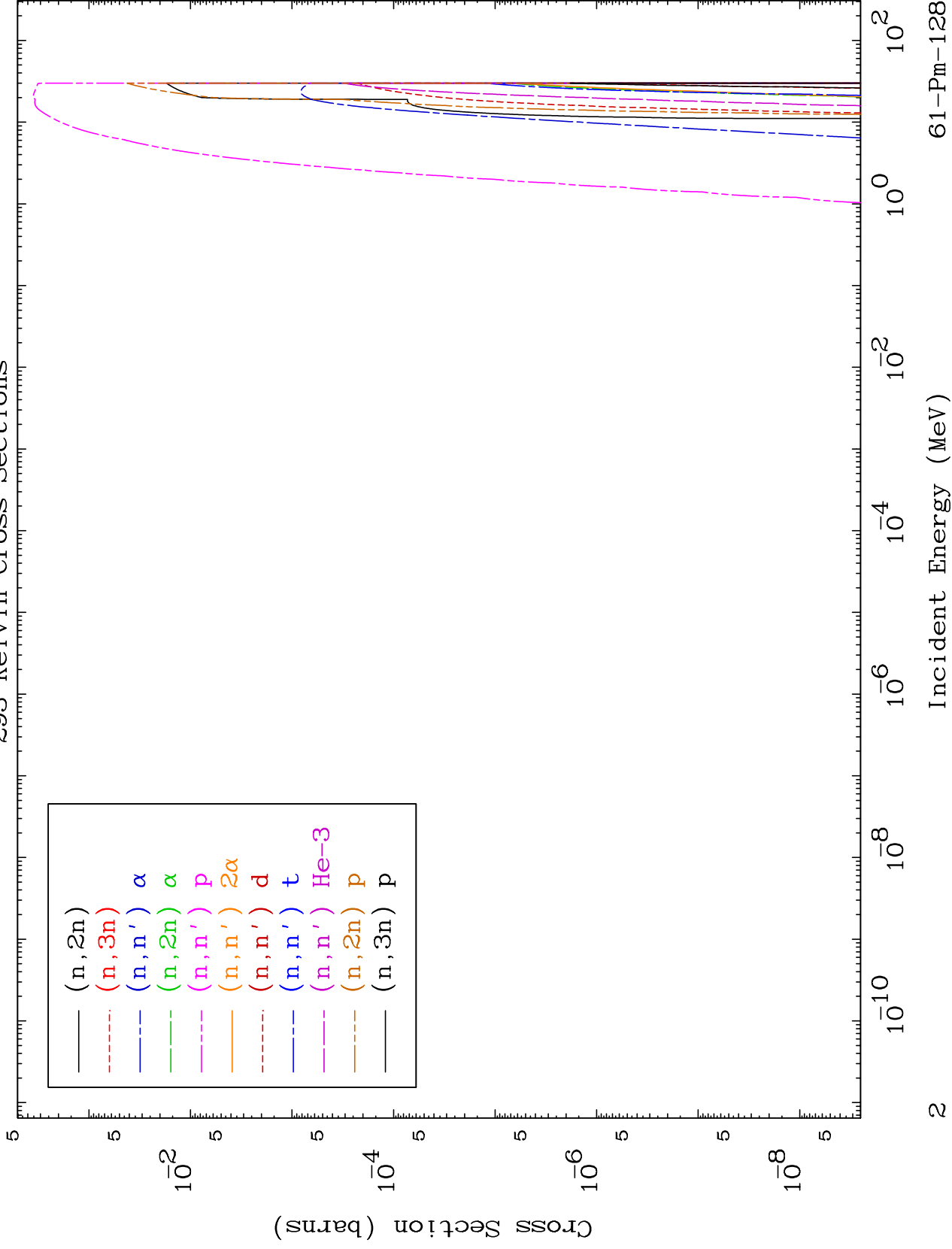
Incident Energy (MeV)

61-Pm-128

MAT 6092

Neutron Production
293 Kelvin Cross Sections

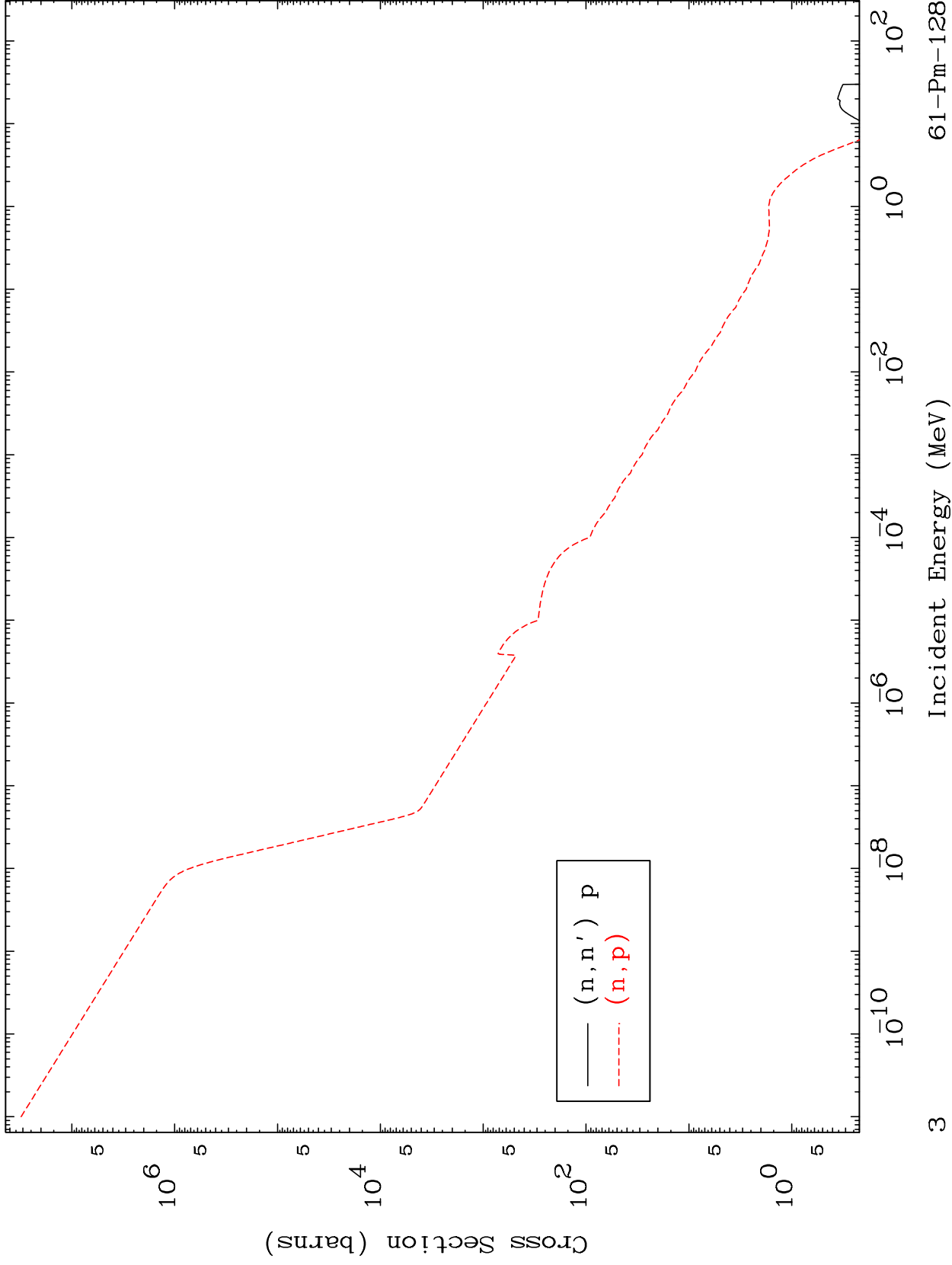
61-Pm-128

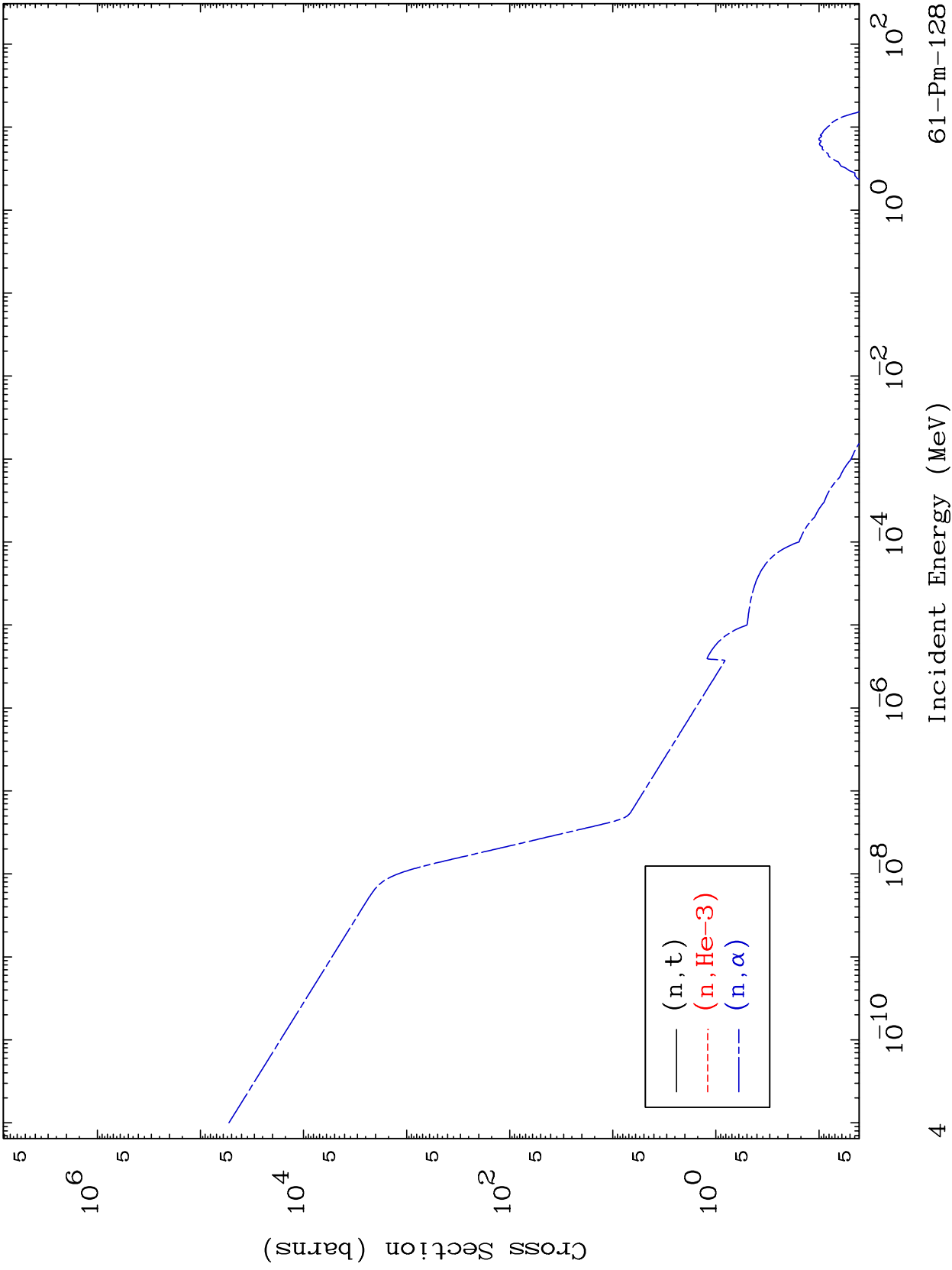


MAT 6092

Charged Particle
293 Kelvin Cross Sections

61-Pm-128

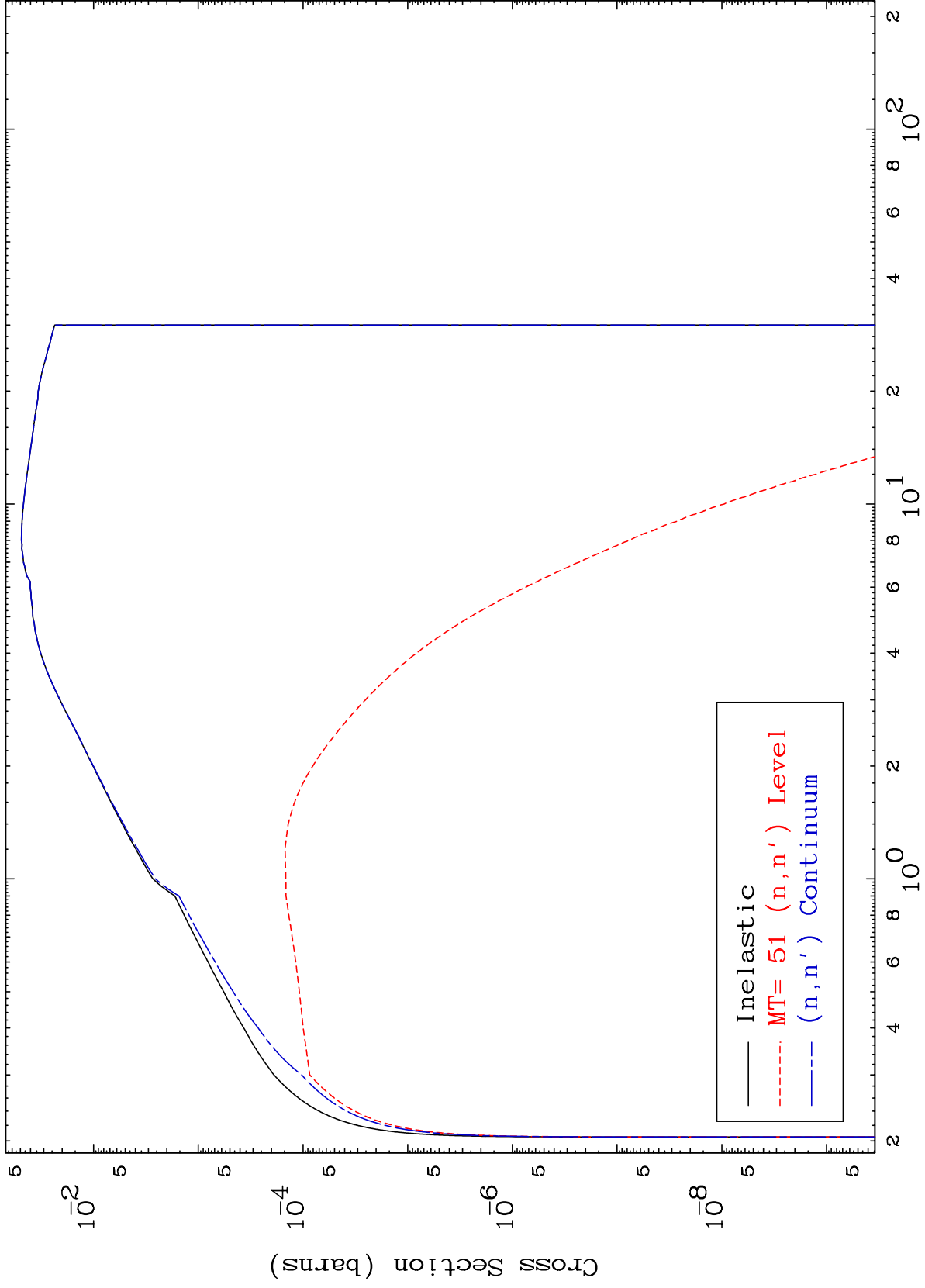




MAT 6092

(n,n') Level
293 Kelvin Cross Sections

61-Pm-128



6

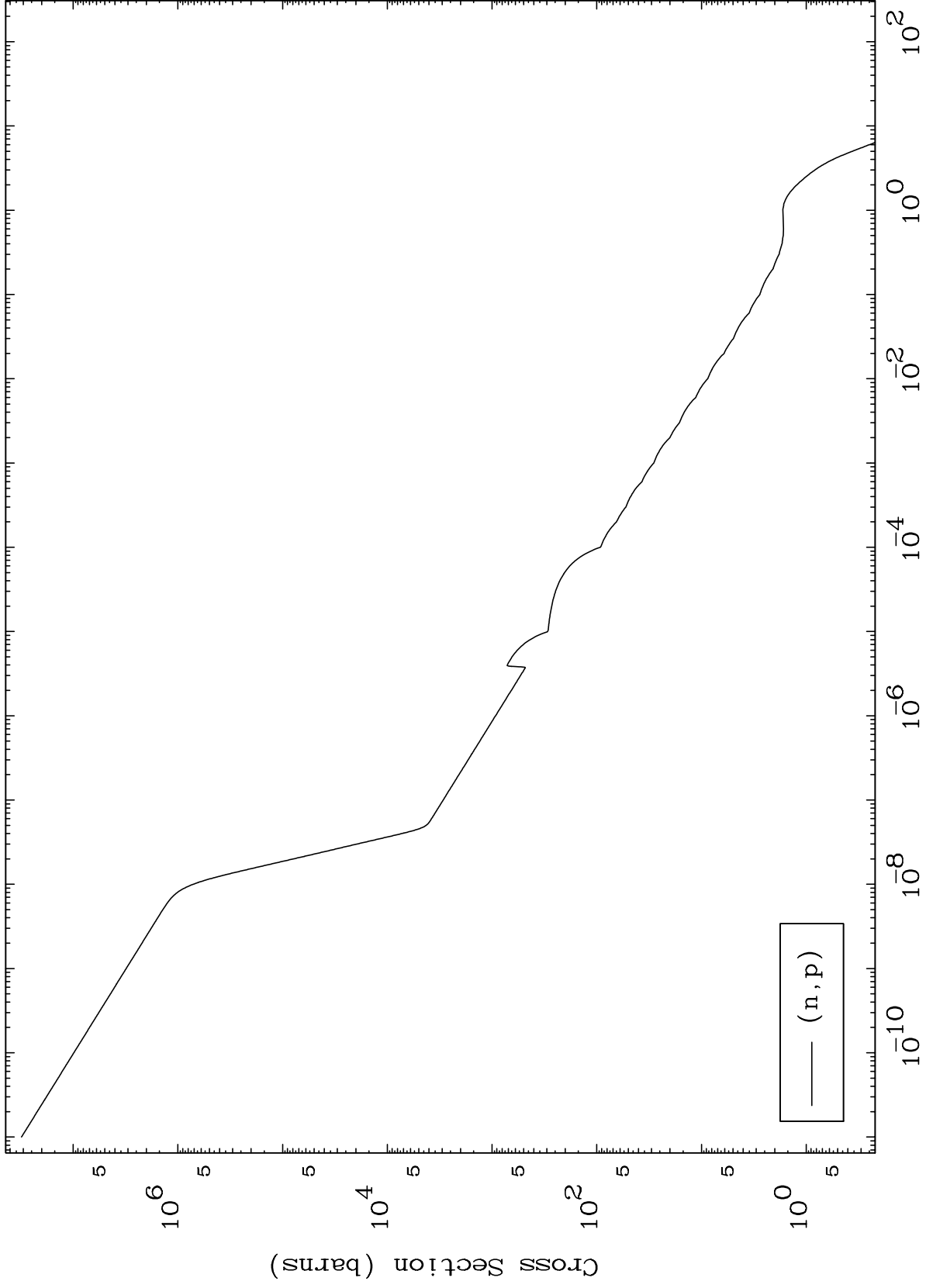
Incident Energy (MeV)

61-Pm-128

MAT 6092

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-128



(n,p)

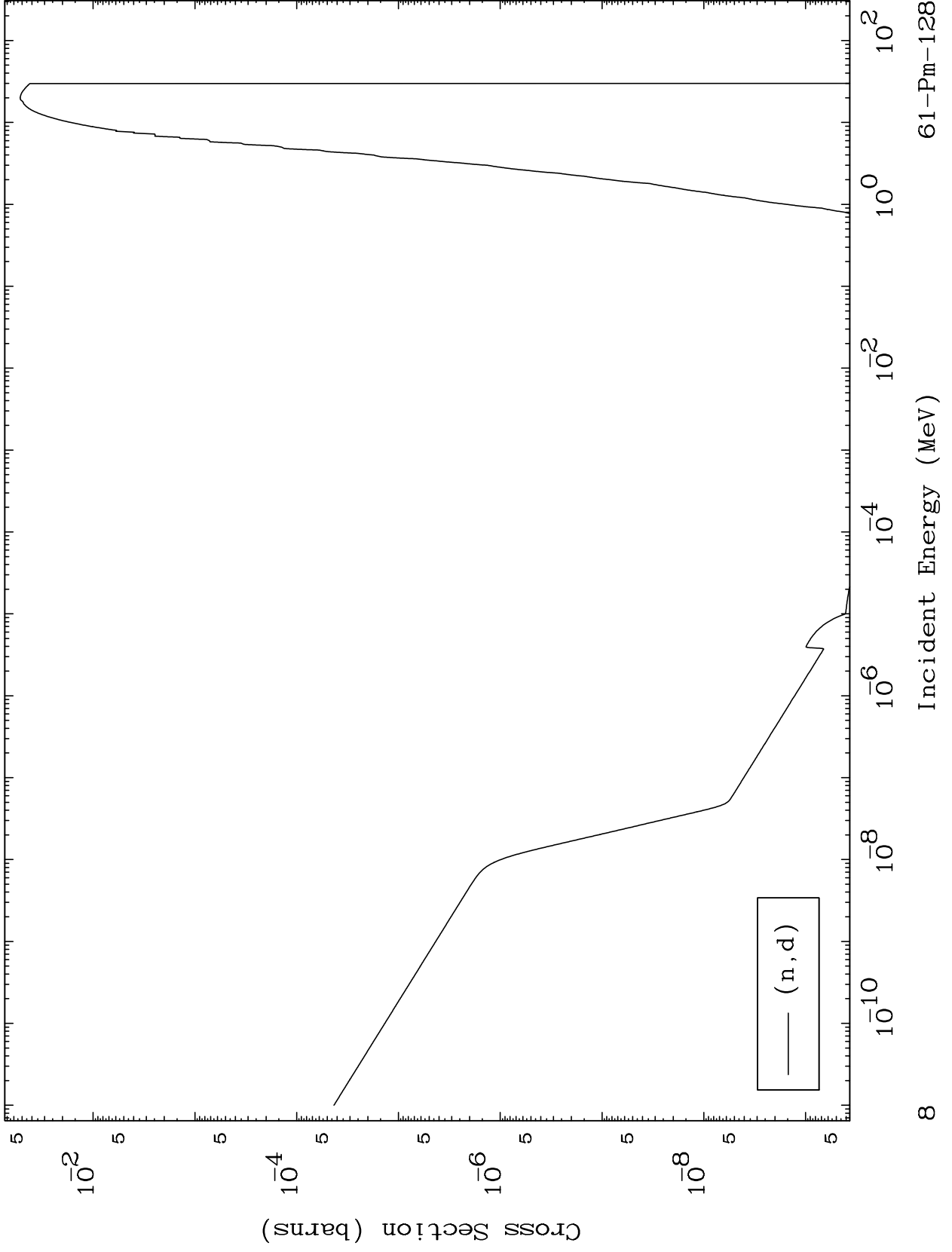
61-Pm-128

Incident Energy (MeV)

MAT 6092

(n,d) Levels
293 Kelvin Cross Sections

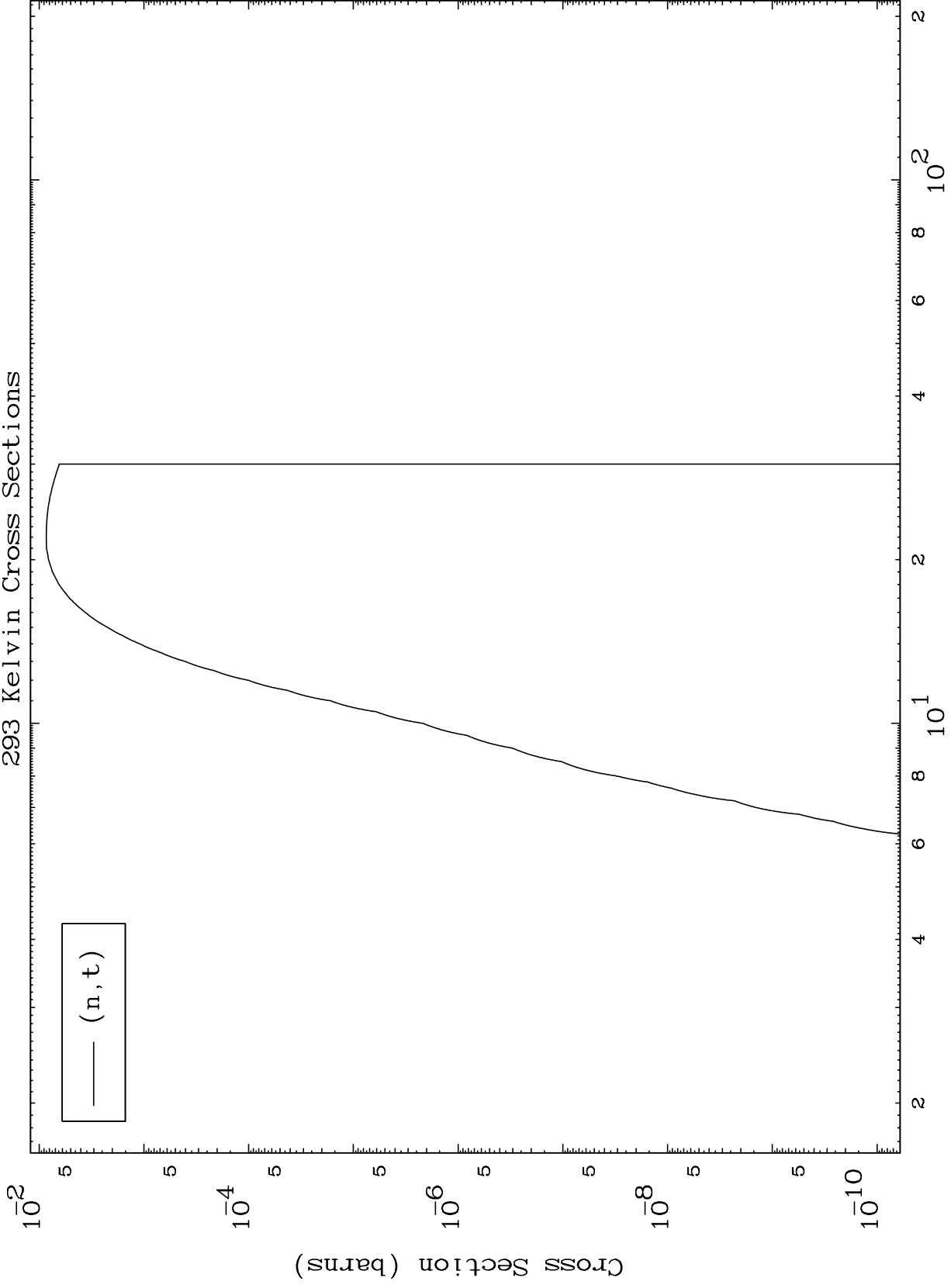
61-Pm-128



MAT 6092

(n,t) Levels
293 Kelvin Cross Sections

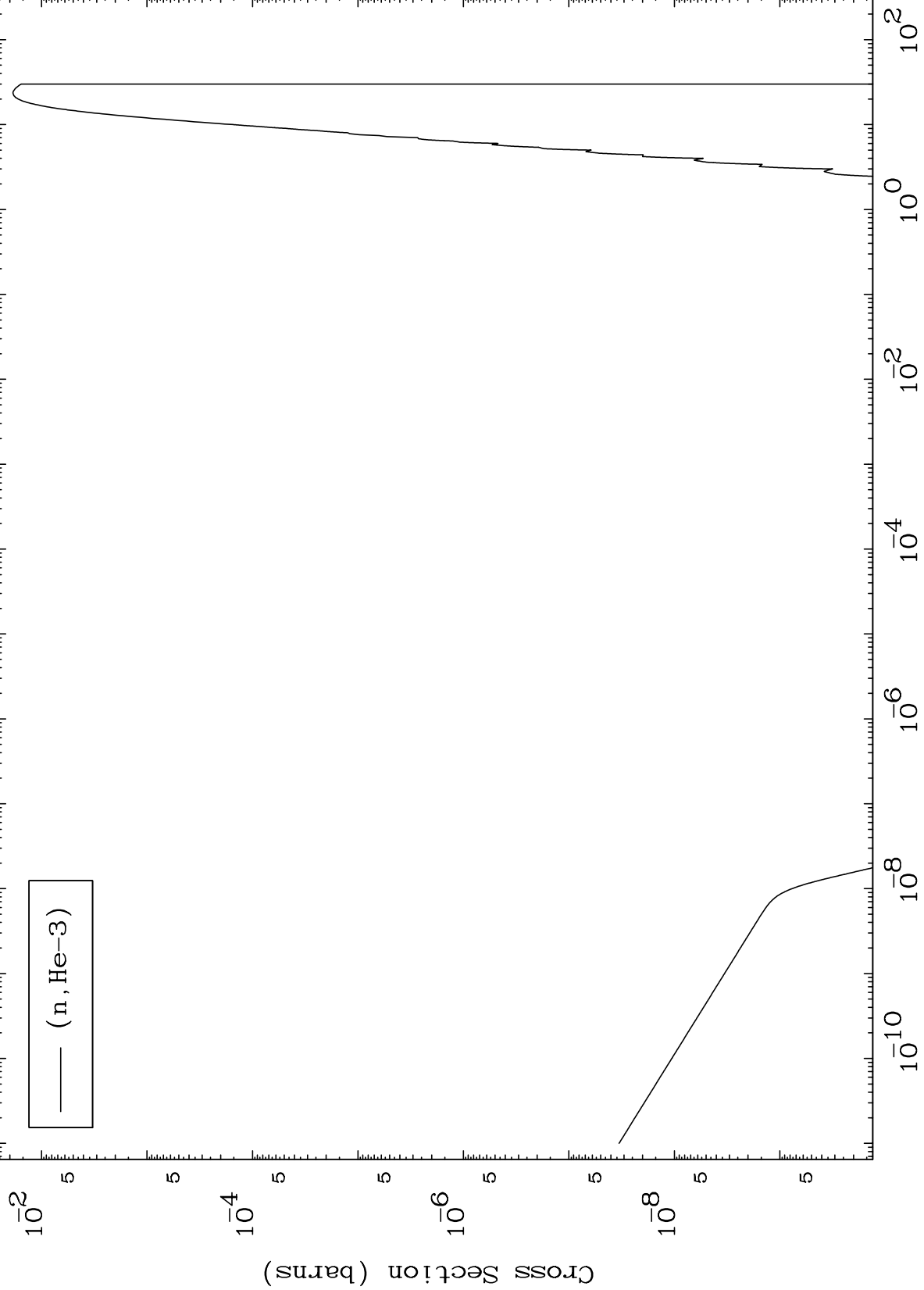
61-Pm-128



MAT 6092

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-128



10

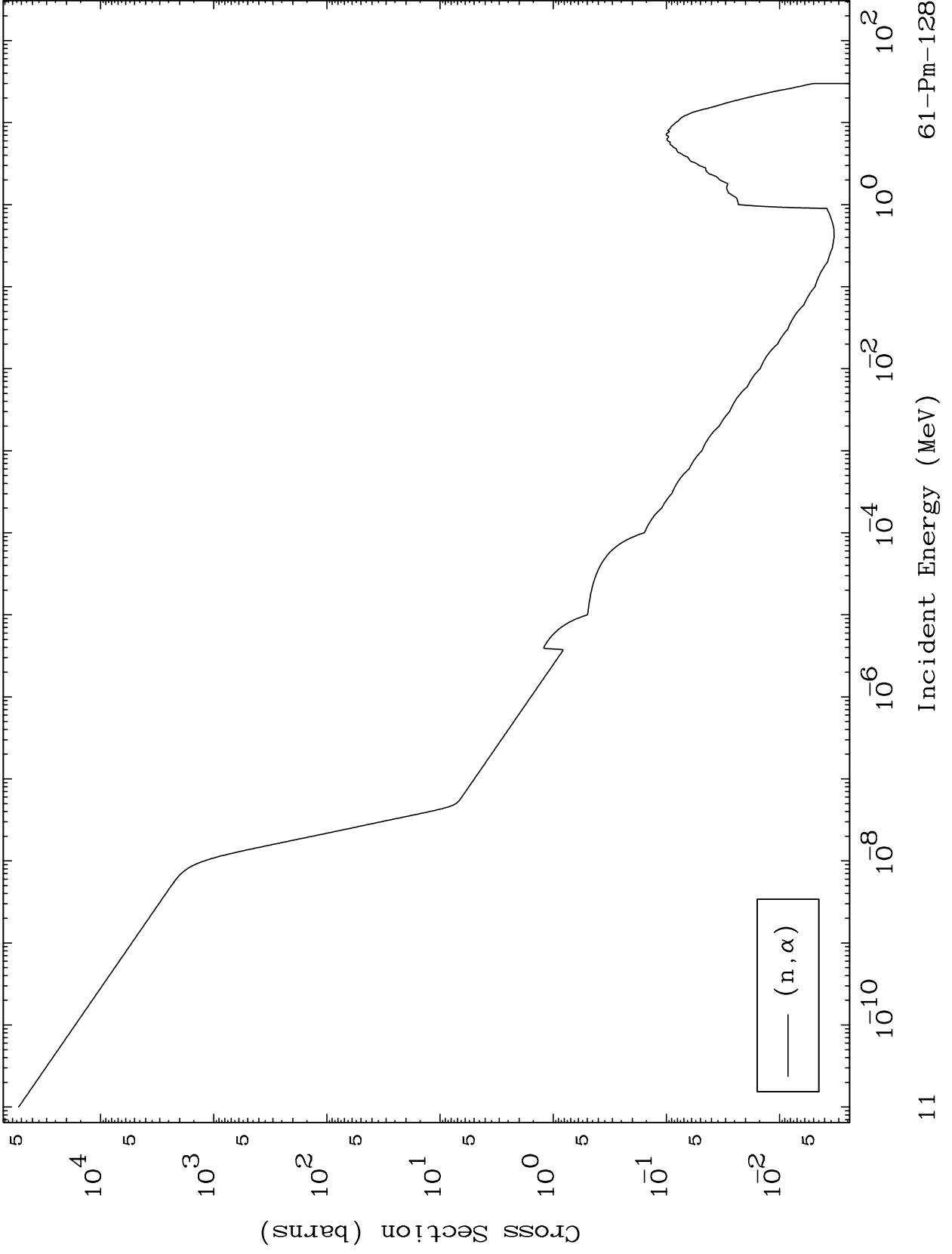
Incident Energy (MeV)

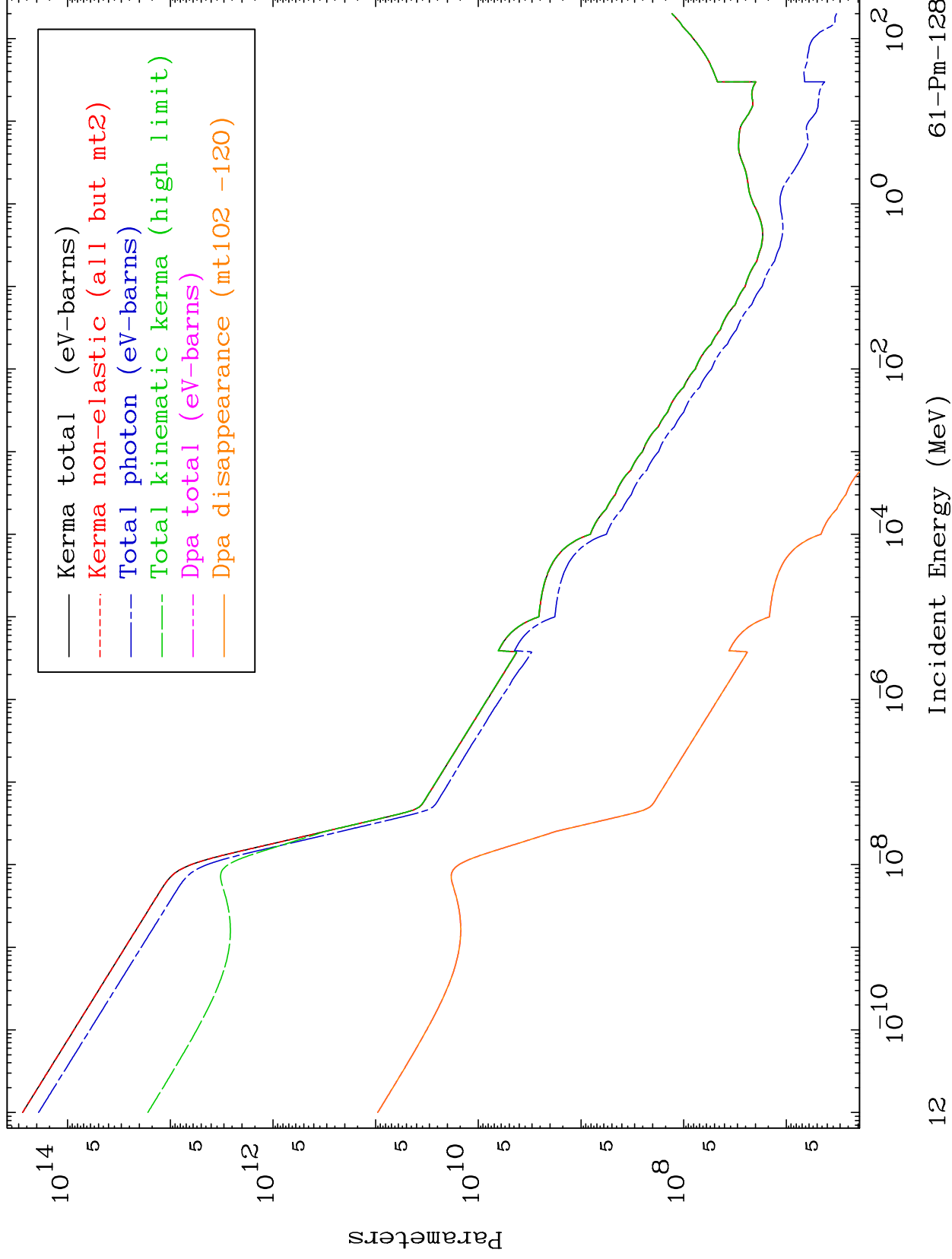
61-Pm-128

MAT 6092

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-128

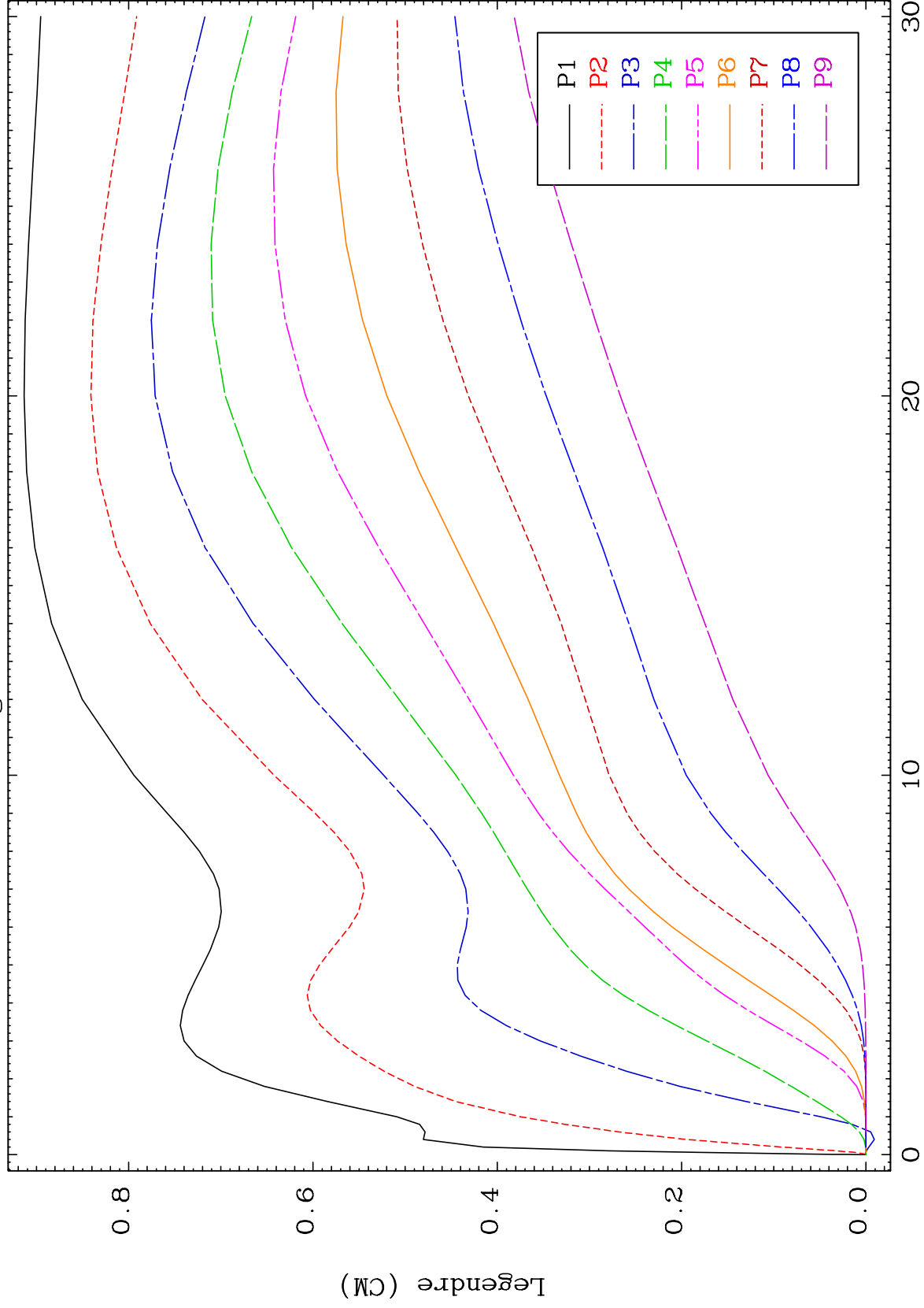




MAT 6092

Elastic Legendre Coefficients

61-Pm-128



13

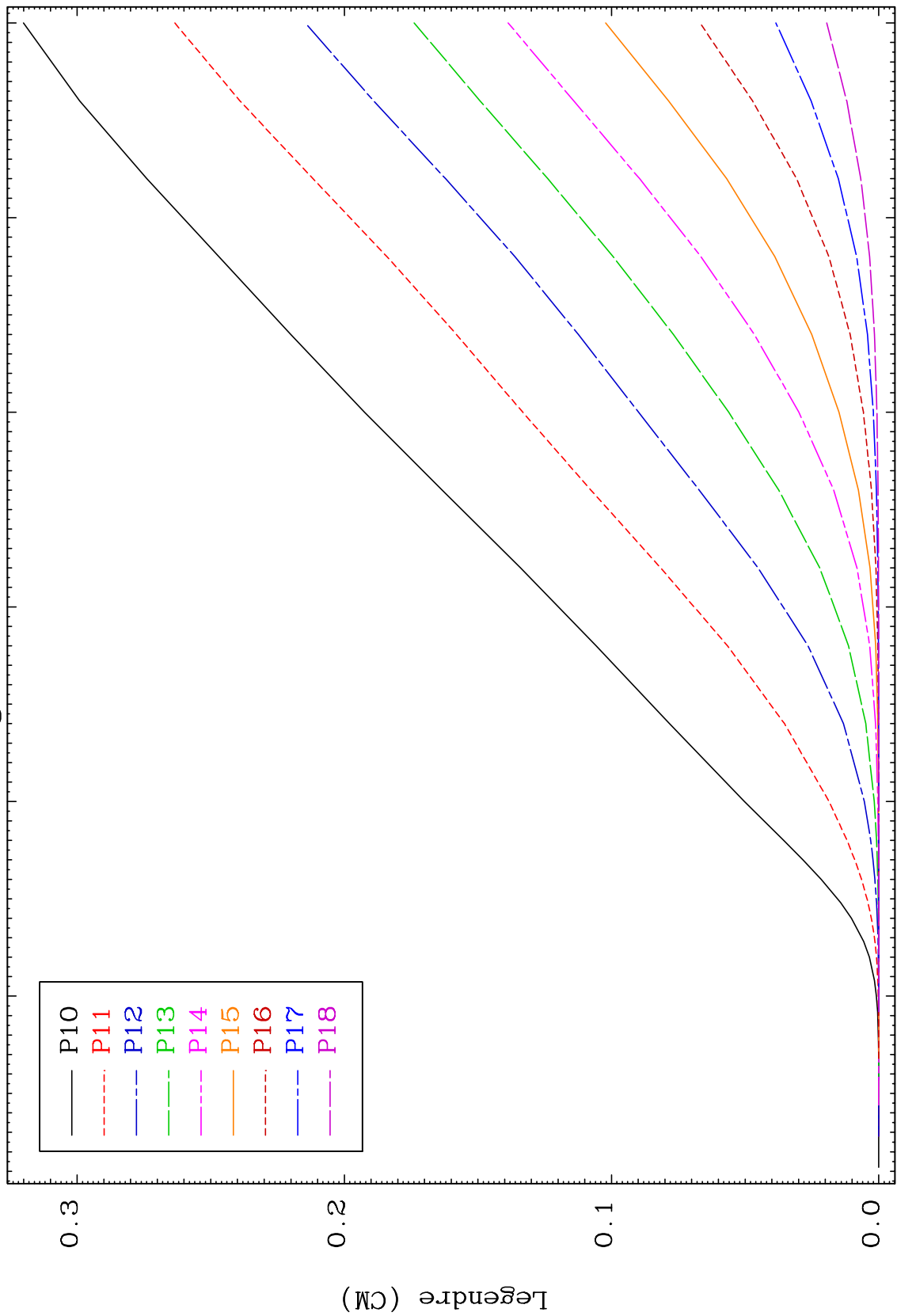
Incident Energy (MeV)

61-Pm-128

MAT 6092

Elastic Legendre Coefficients

61-Pm-128



14

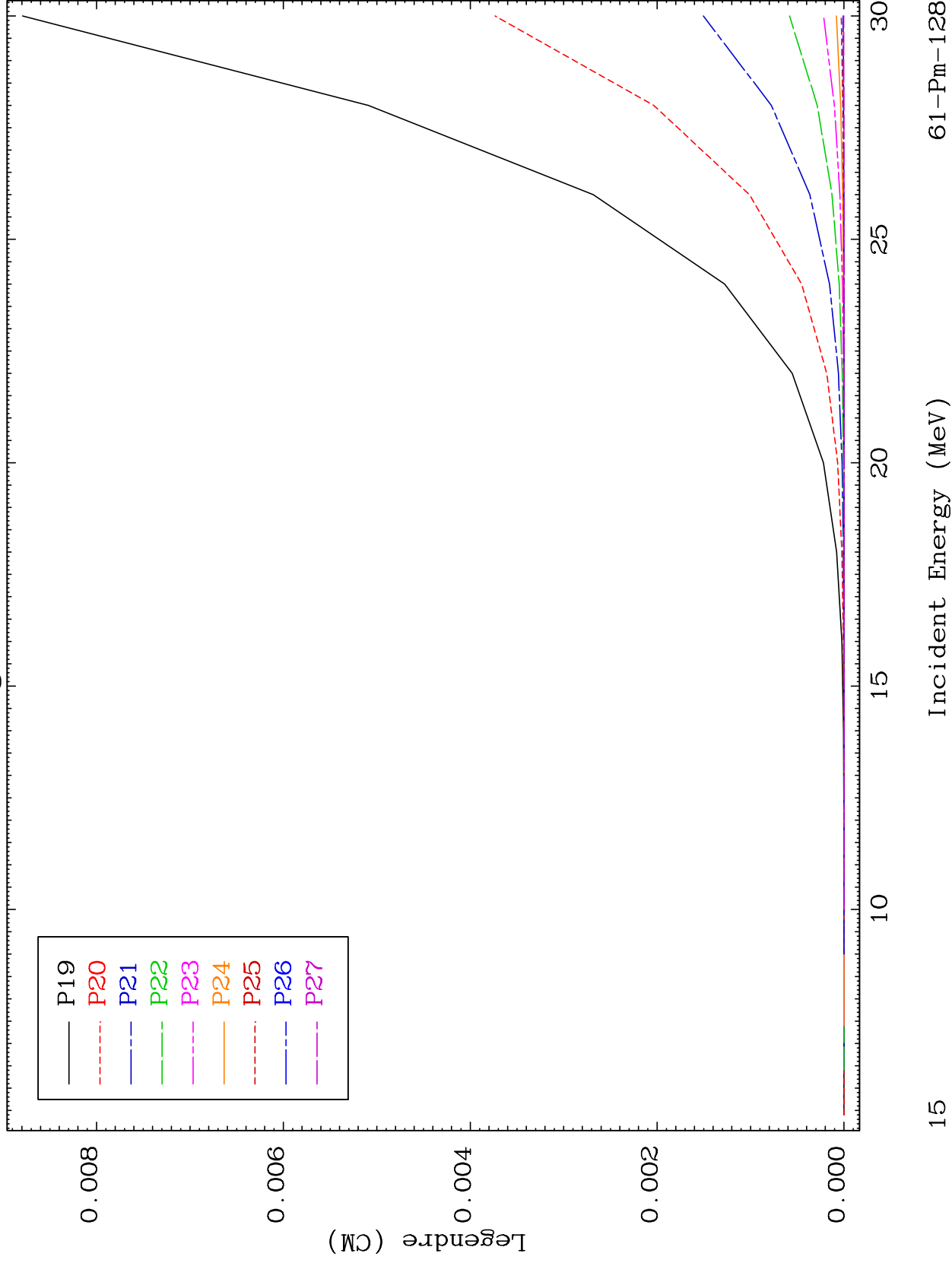
Incident Energy (MeV)

61-Pm-128

MAT 6092

Elastic Legendre Coefficients

61-Pm-128



15

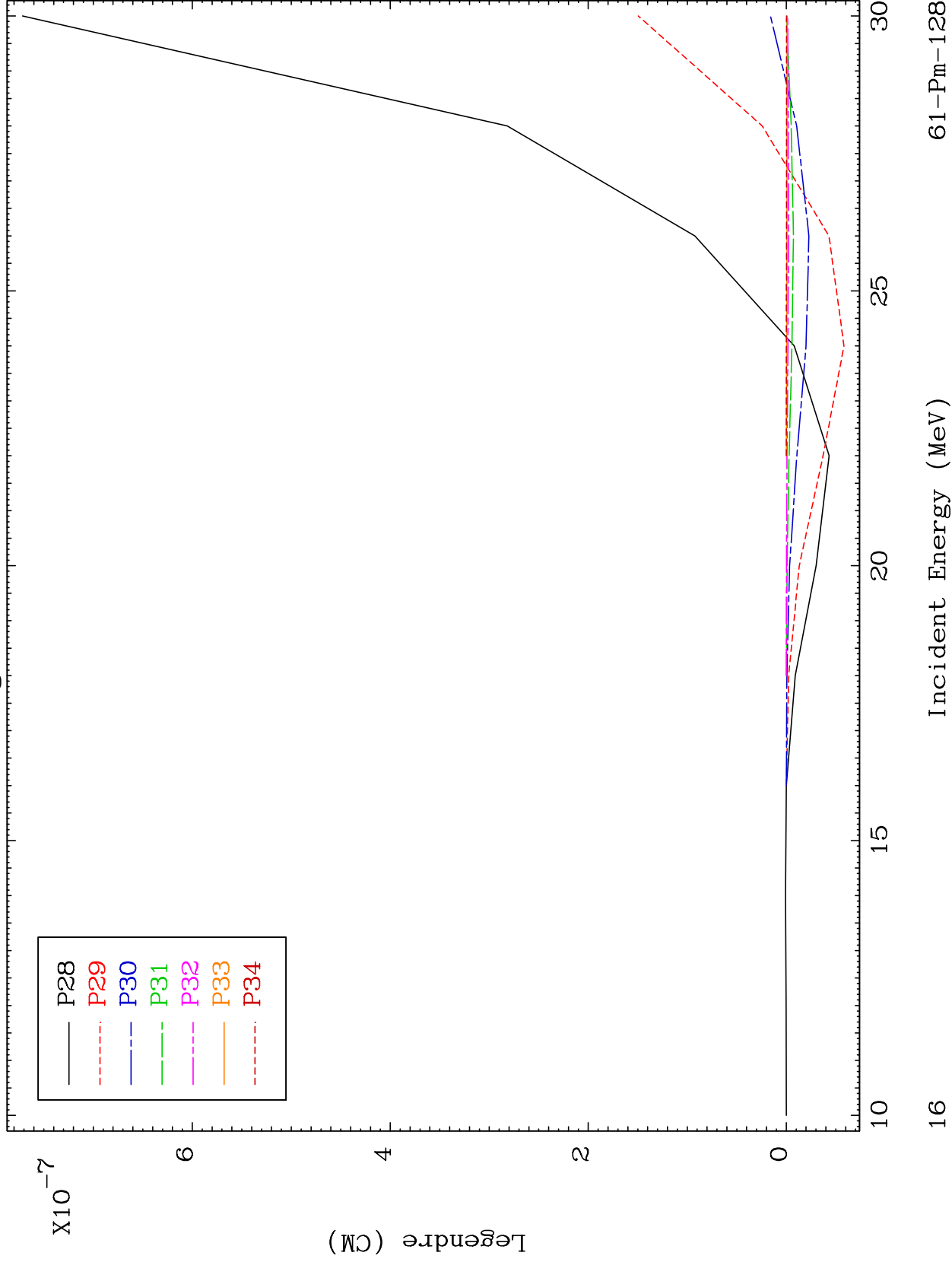
Incident Energy (MeV)

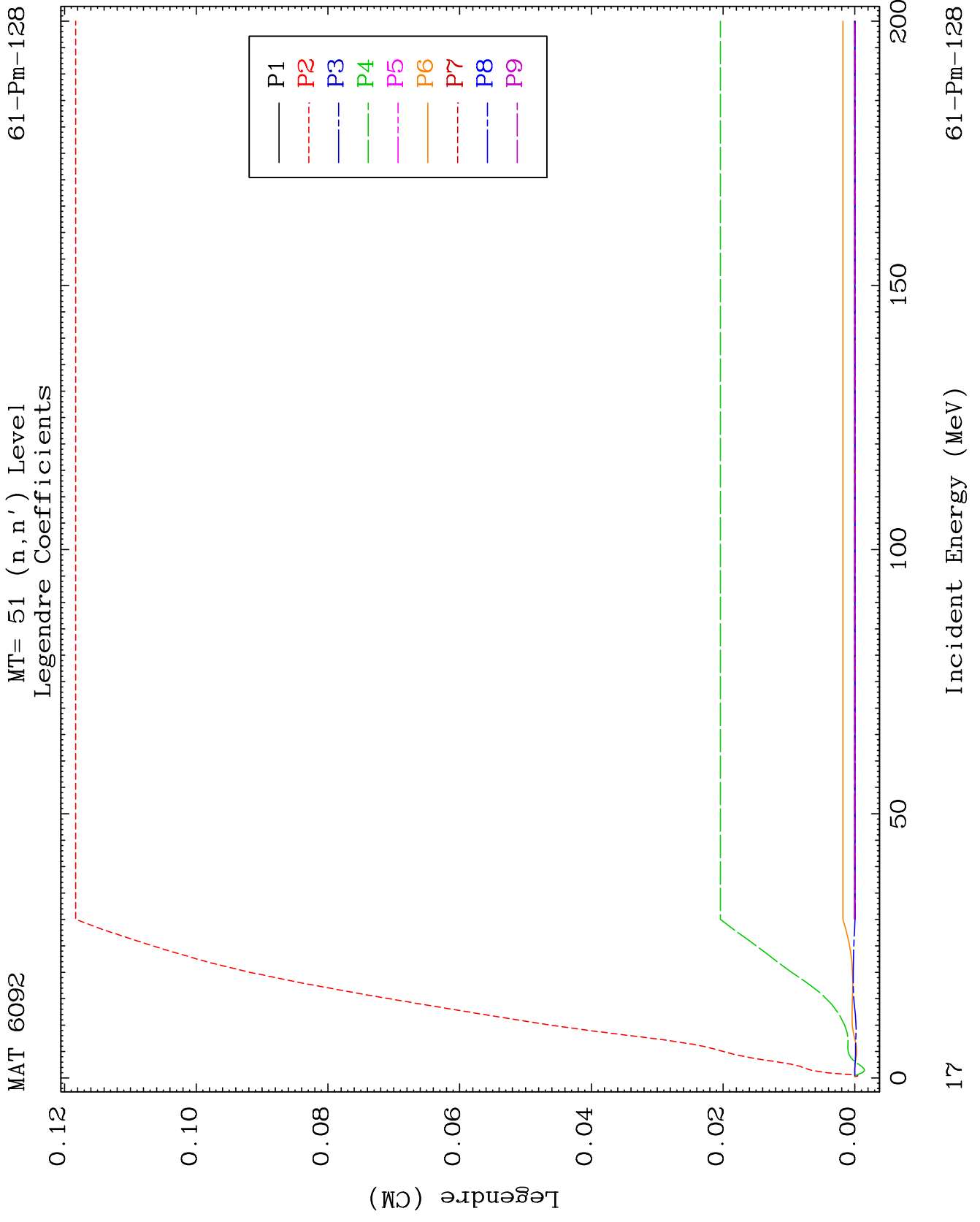
61-Pm-128

MAT 6092

Elastic
Legendre Coefficients

61-Pm-128

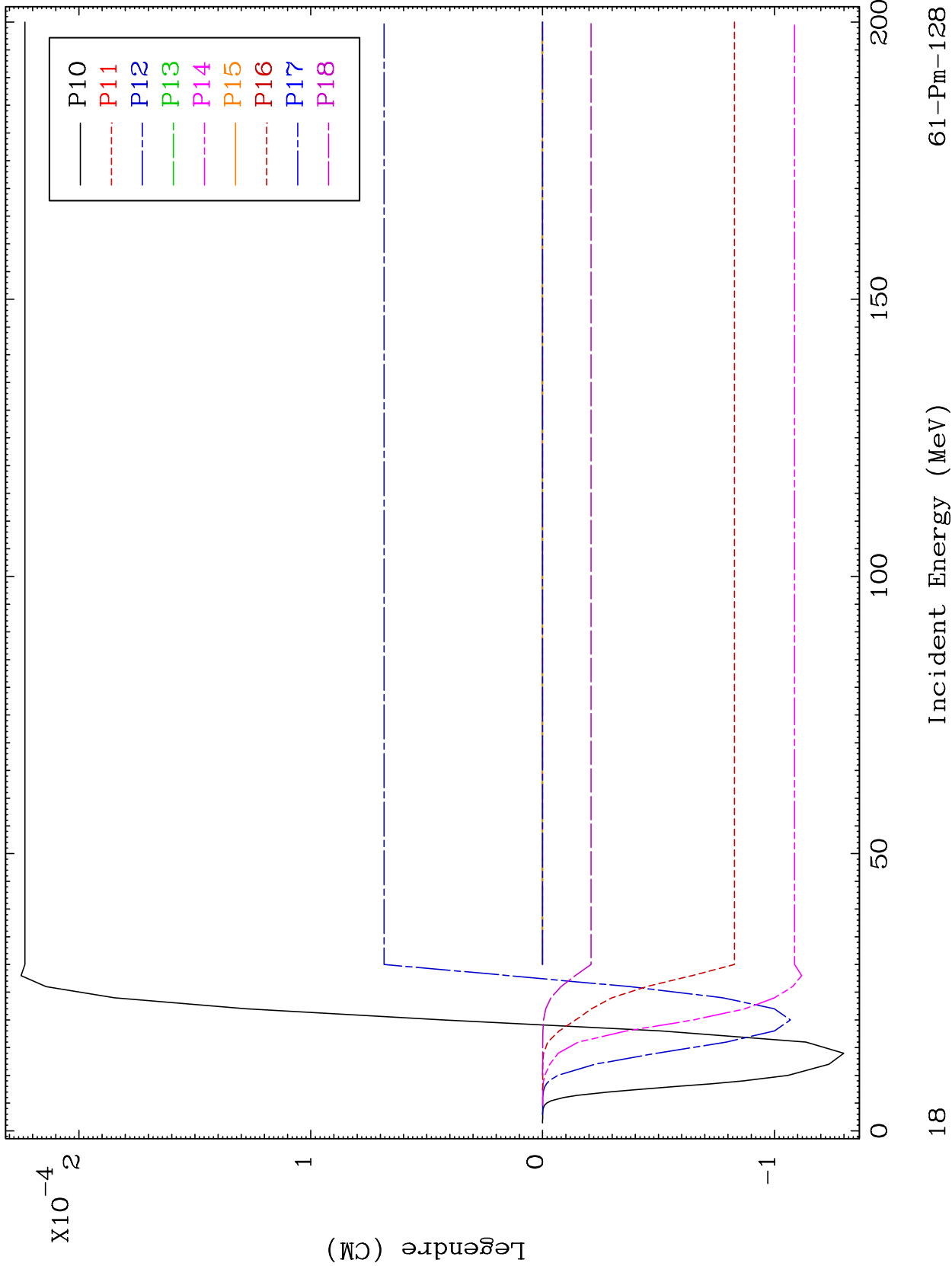




MAT 6092

MT= 51 (n,n') Level
Legendre Coefficients

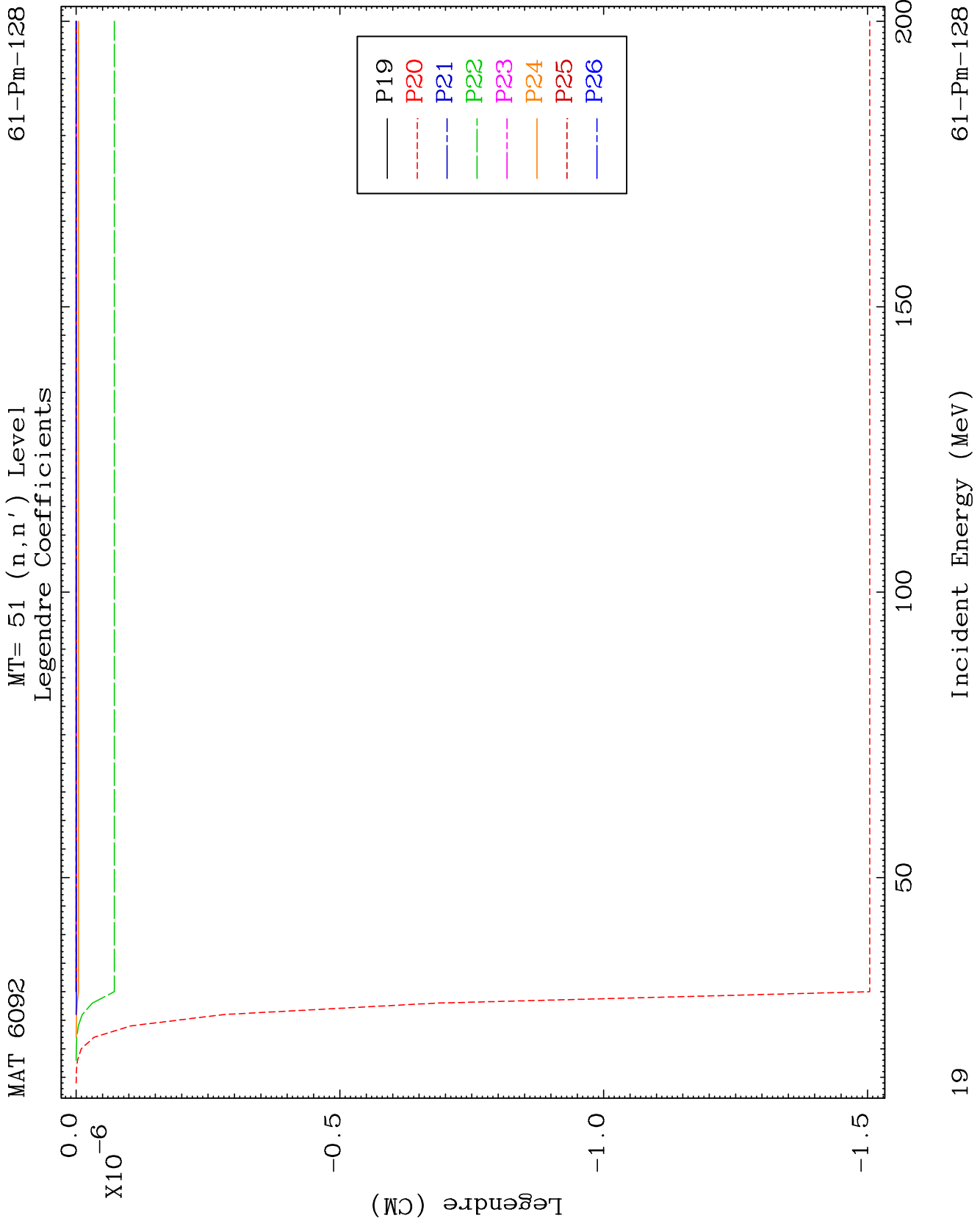
61-Pm-128



61-Pm-128

Incident Energy (MeV)

18

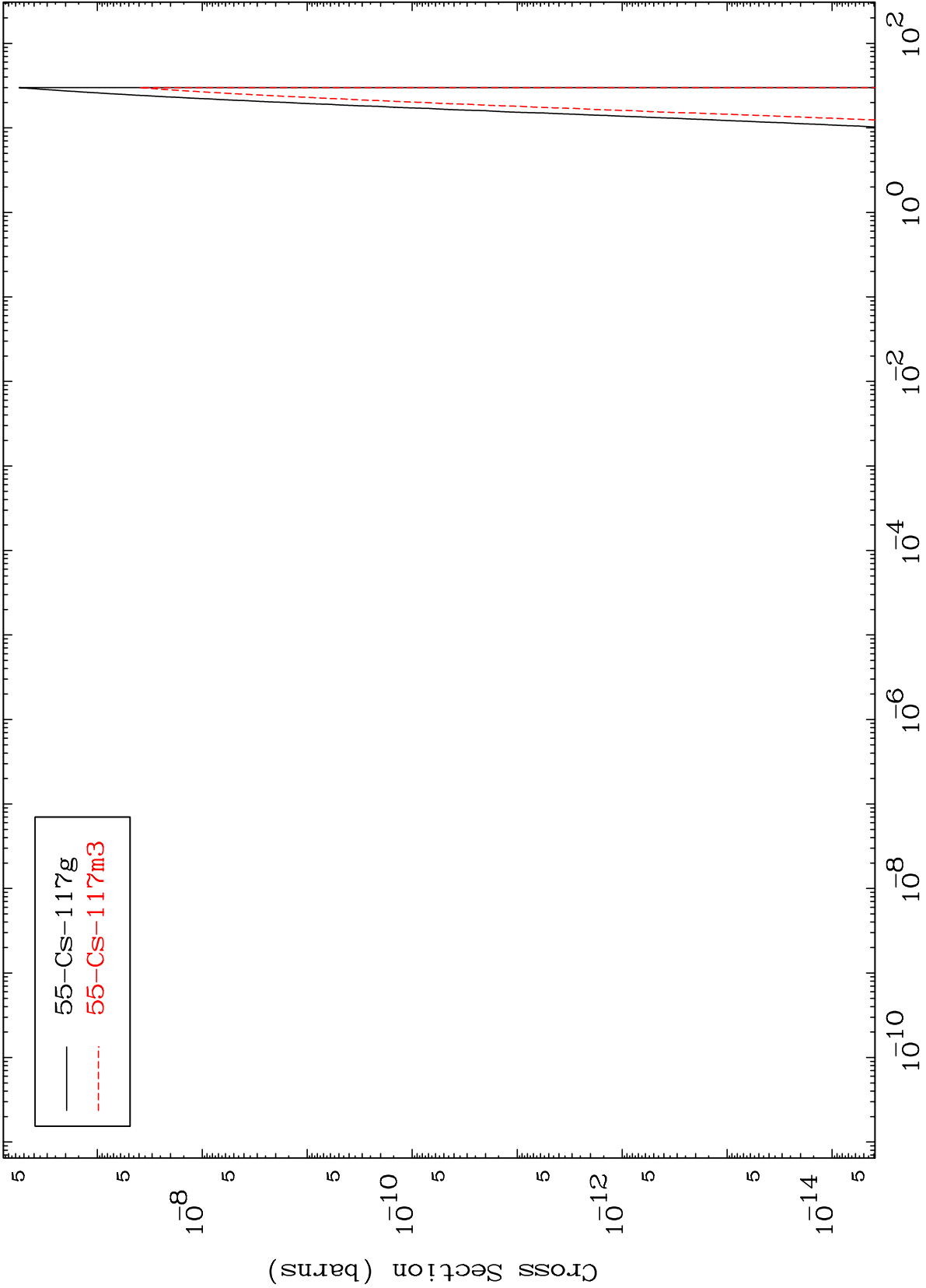


MAT 6092

(n,3α)

61-Pm-128

Radionuclide Production Cross Section



55-Cs-117g
55-Cs-117m3