

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

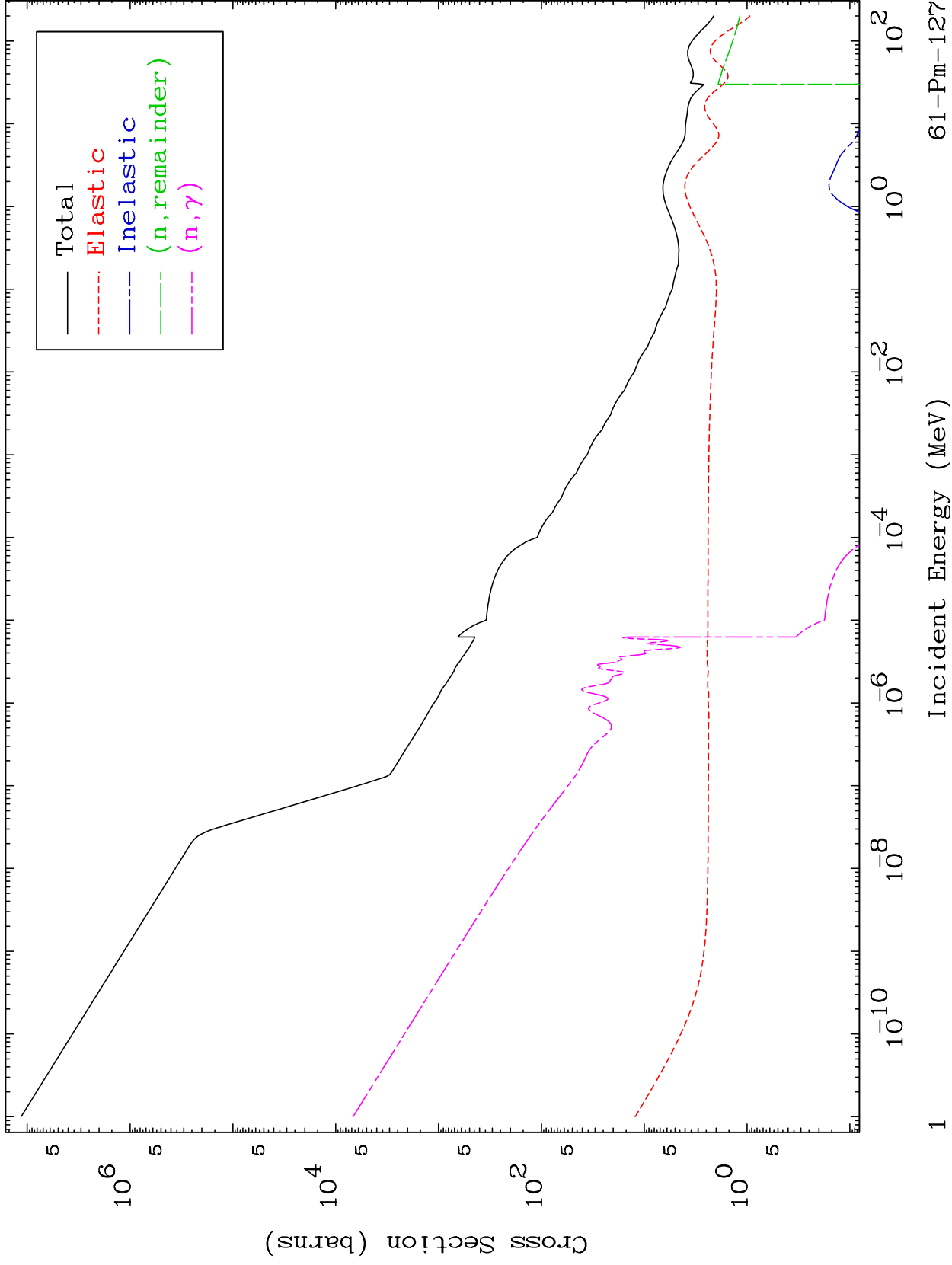
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6089

Major
293 Kelvin Cross Sections

61-Pm-127



1

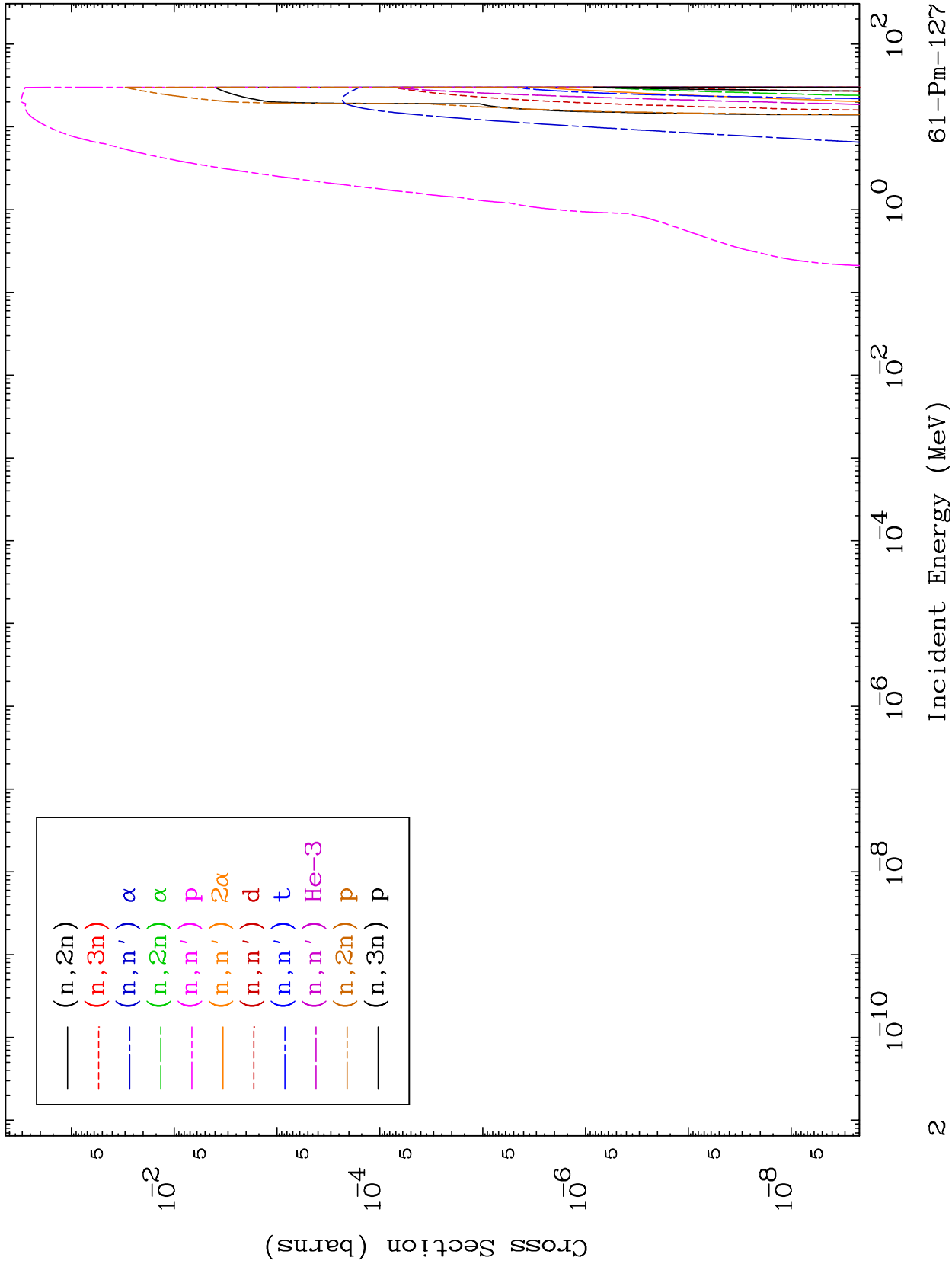
Incident Energy (MeV)

61-Pm-127

MAT 6089

Neutron Production
293 Kelvin Cross Sections

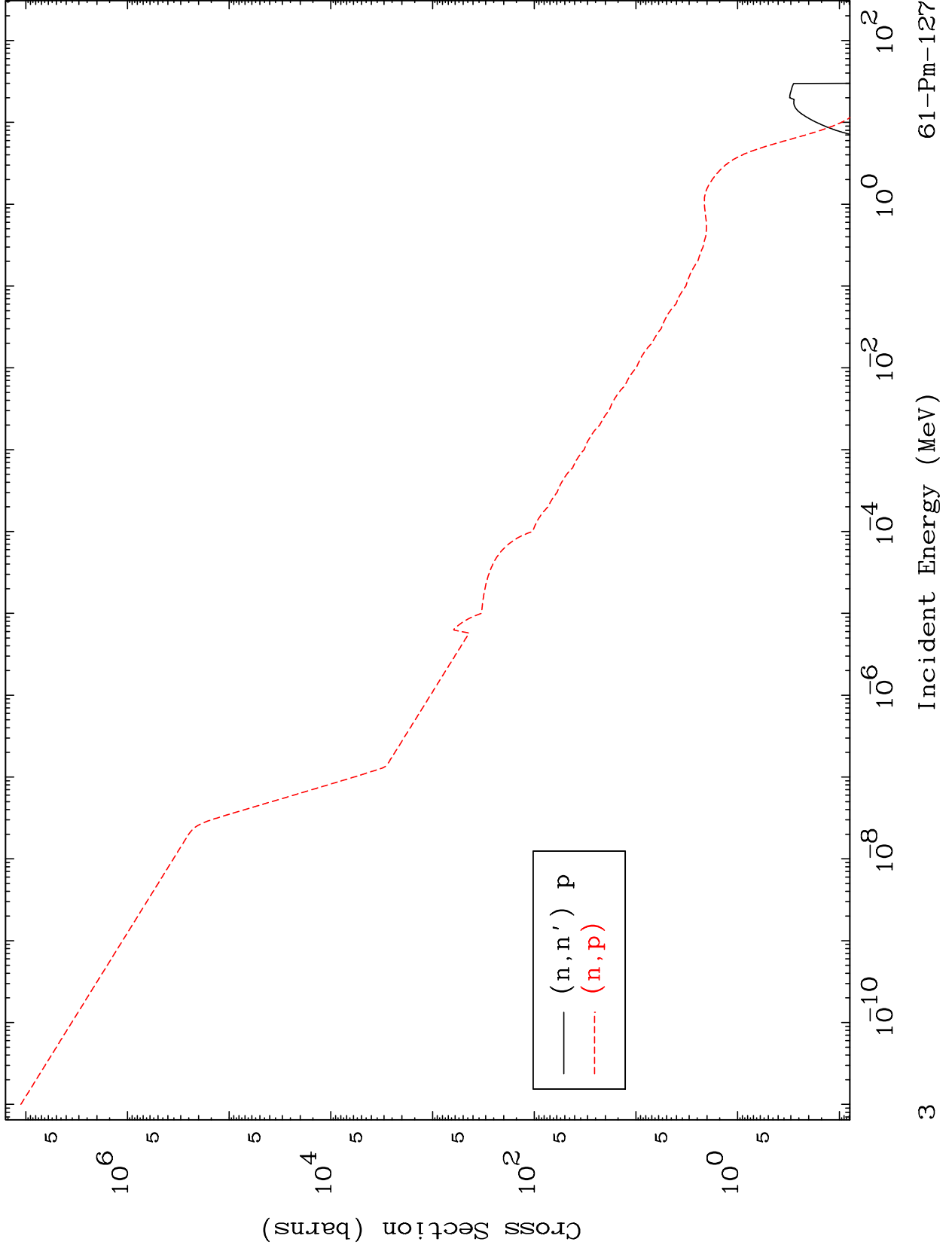
61-Pm-127



MAT 6089

Charged Particle
293 Kelvin Cross Sections

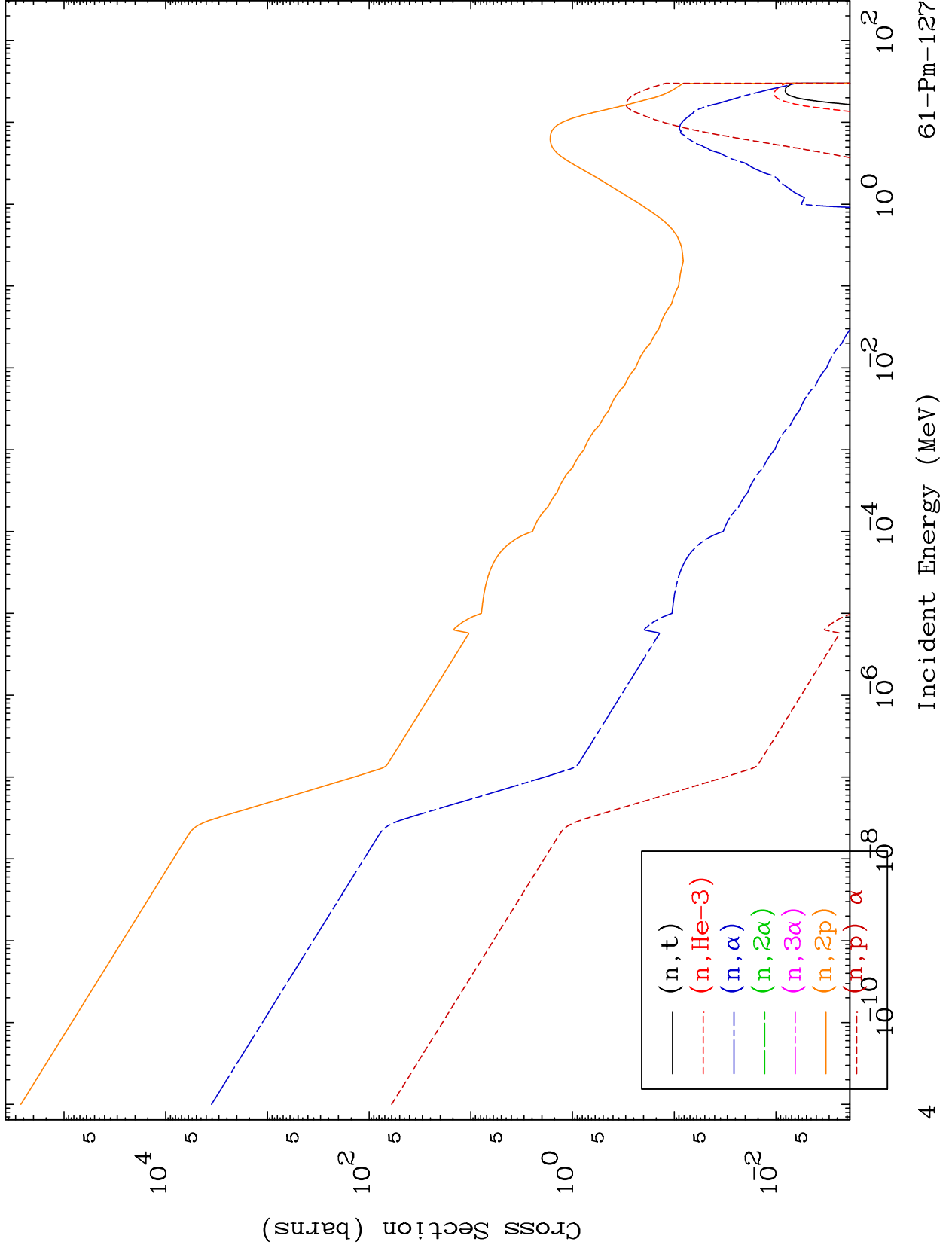
61-Pm-127



MAT 6089

Charged Particle
293 Kelvin Cross Sections

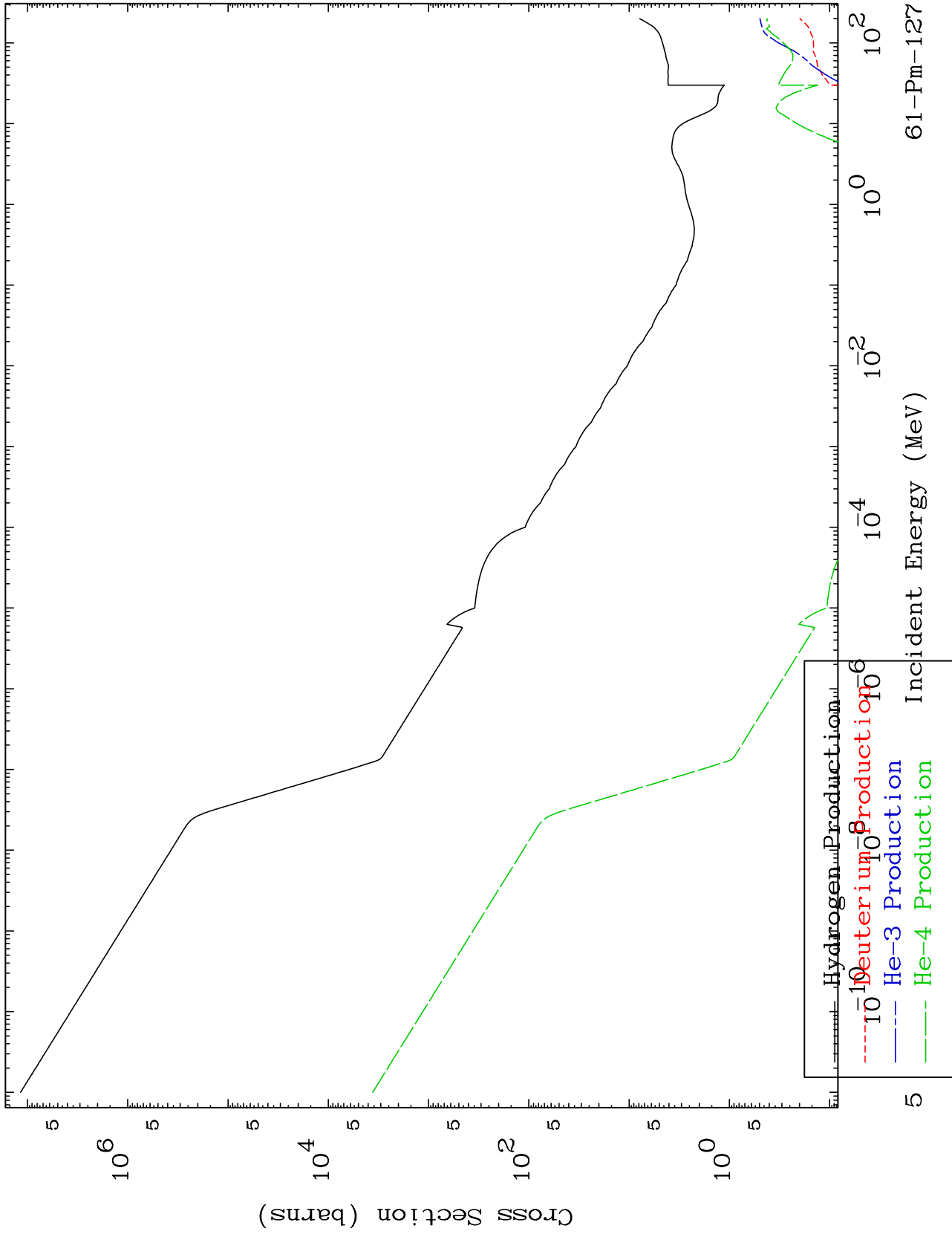
61-Pm-127



MAT 6089

Particle Production
293 Kelvin Cross Sections

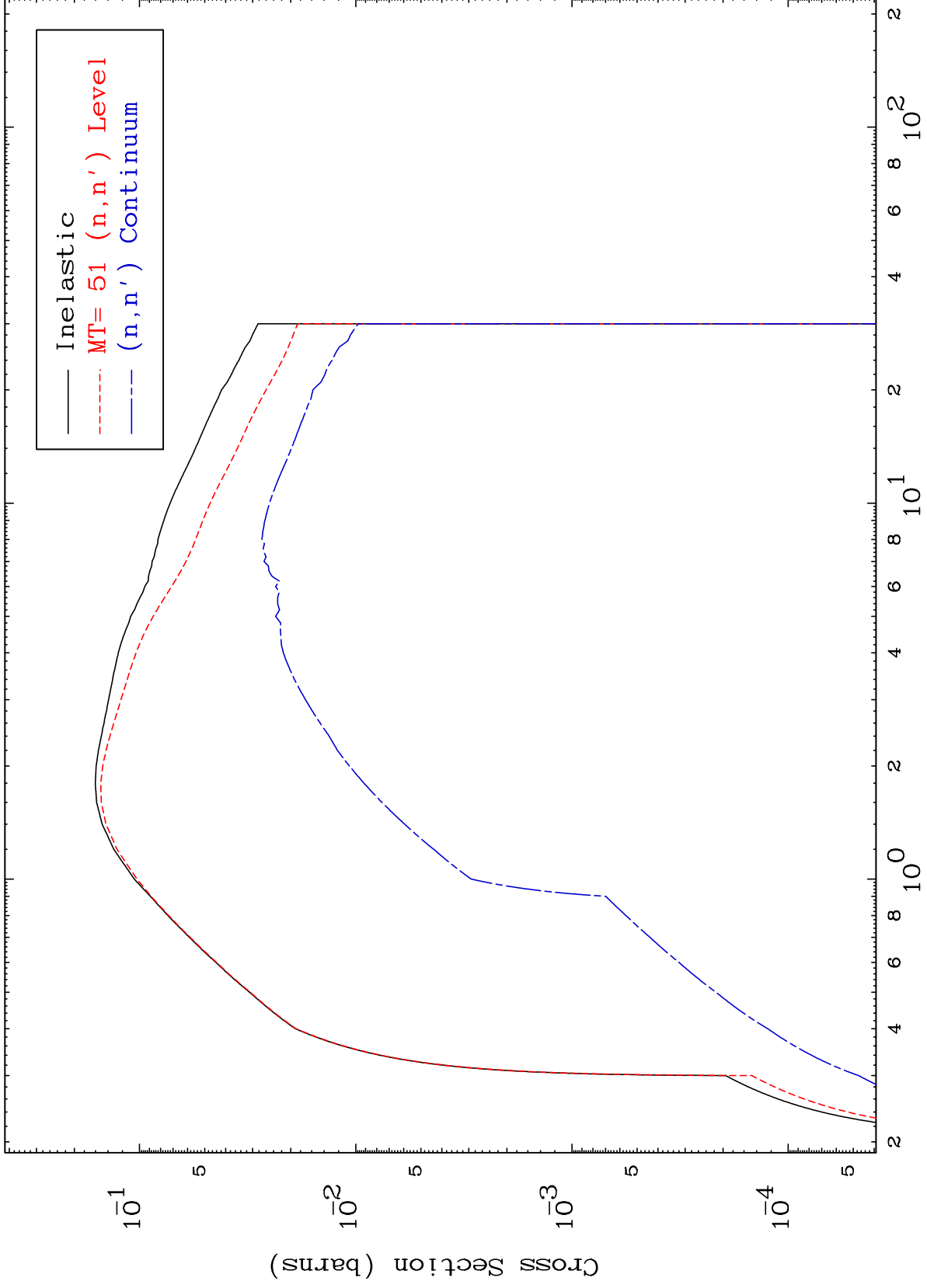
61-Pm-127



MAT 6089

(n,n') Level
293 Kelvin Cross Sections

61-Pm-127



Incident Energy (MeV)

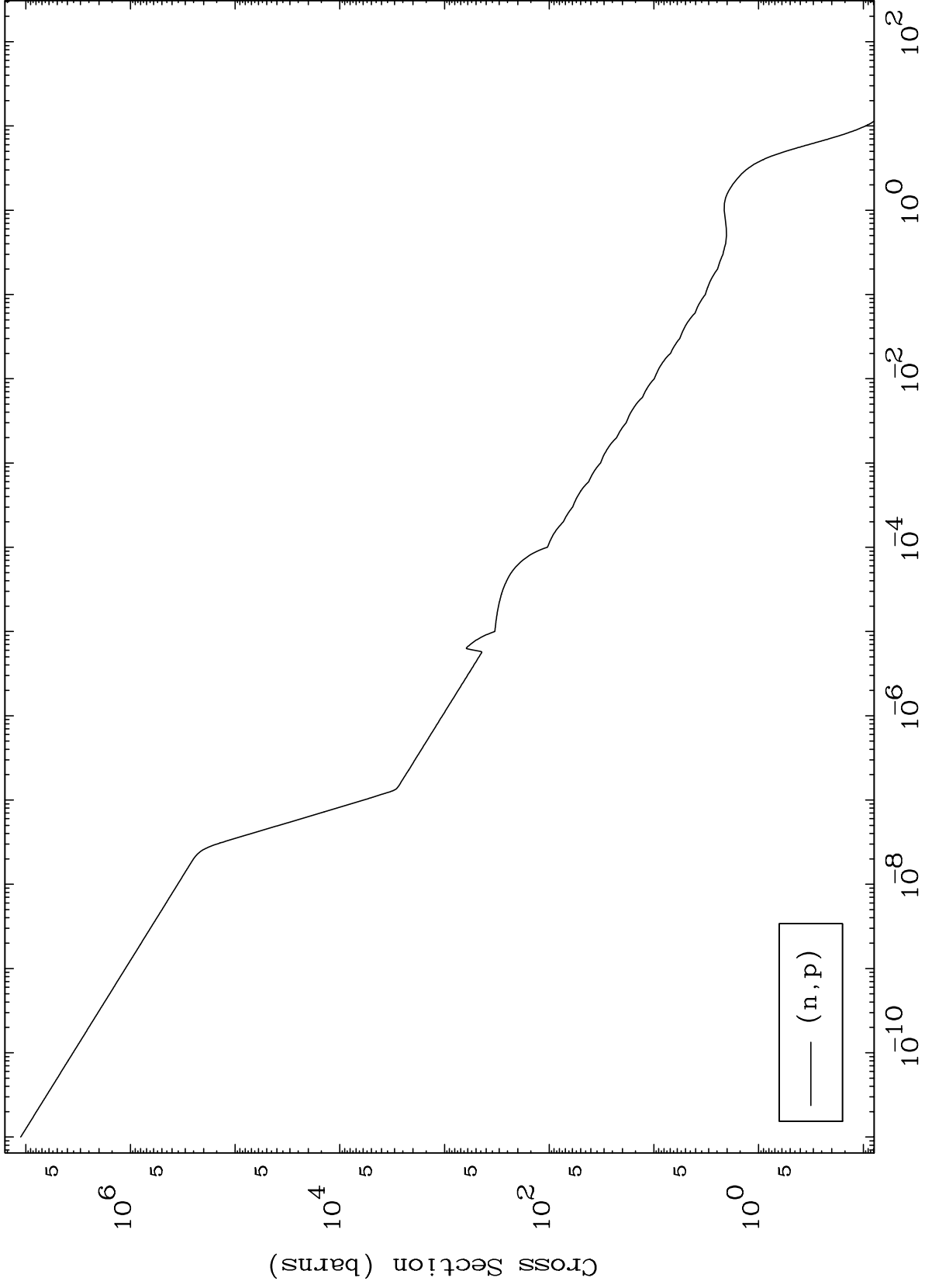
61-Pm-127

6

MAT 6089

(n,p) Levels
293 Kelvin Cross Sections

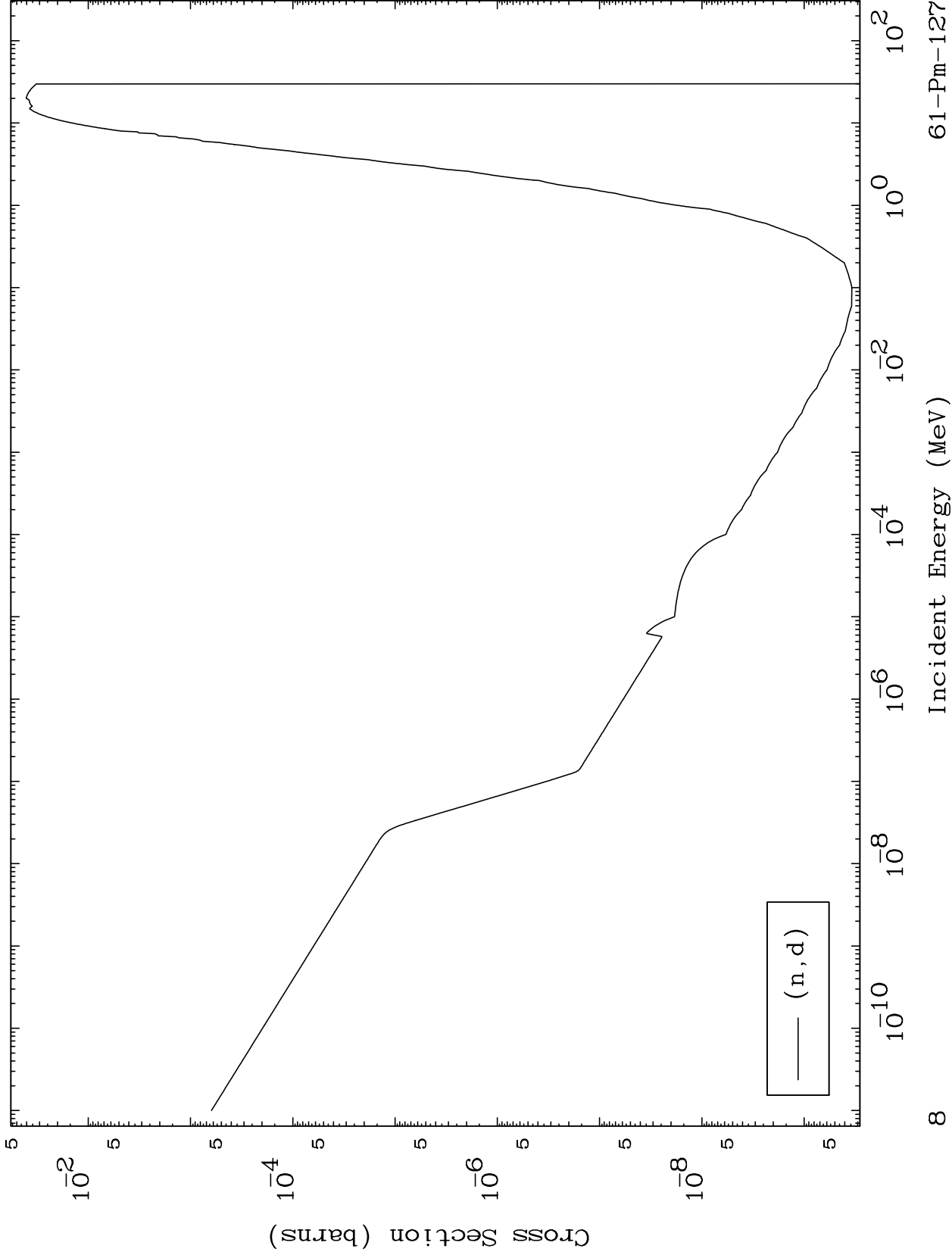
61-Pm-127



MAT 6089

(n,d) Levels
293 Kelvin Cross Sections

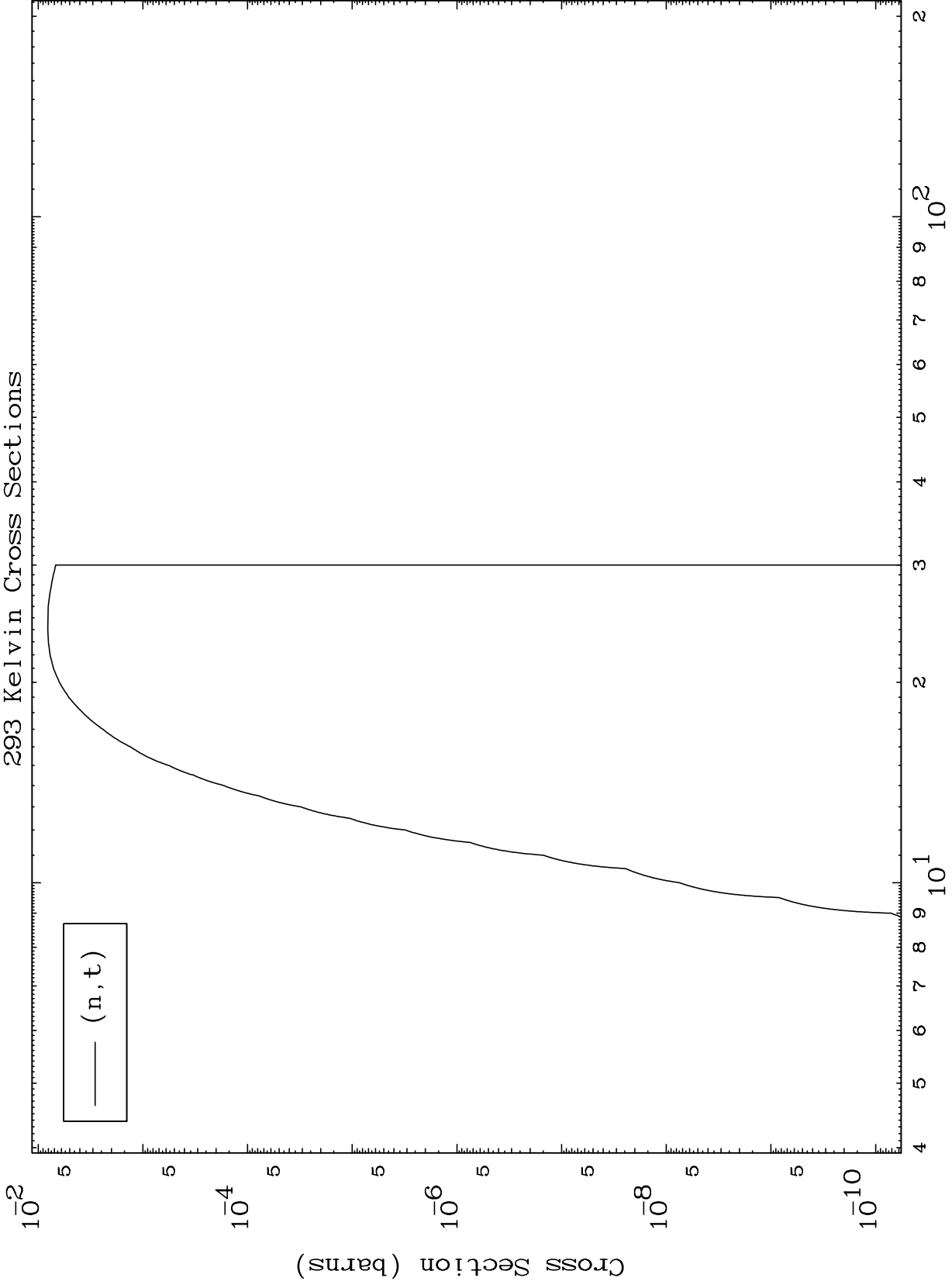
61-Pm-127



MAT 6089

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-127



9

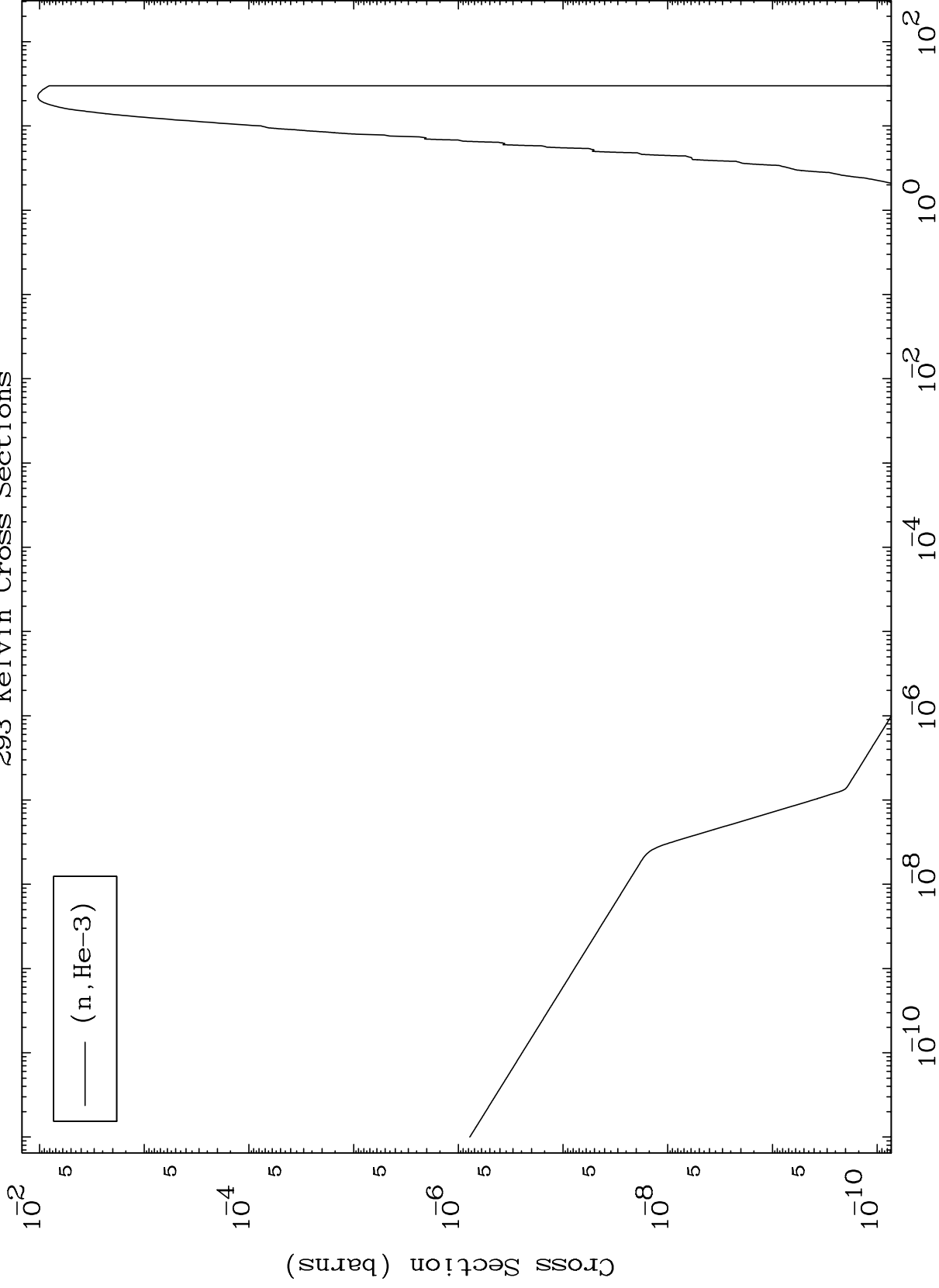
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-127



10

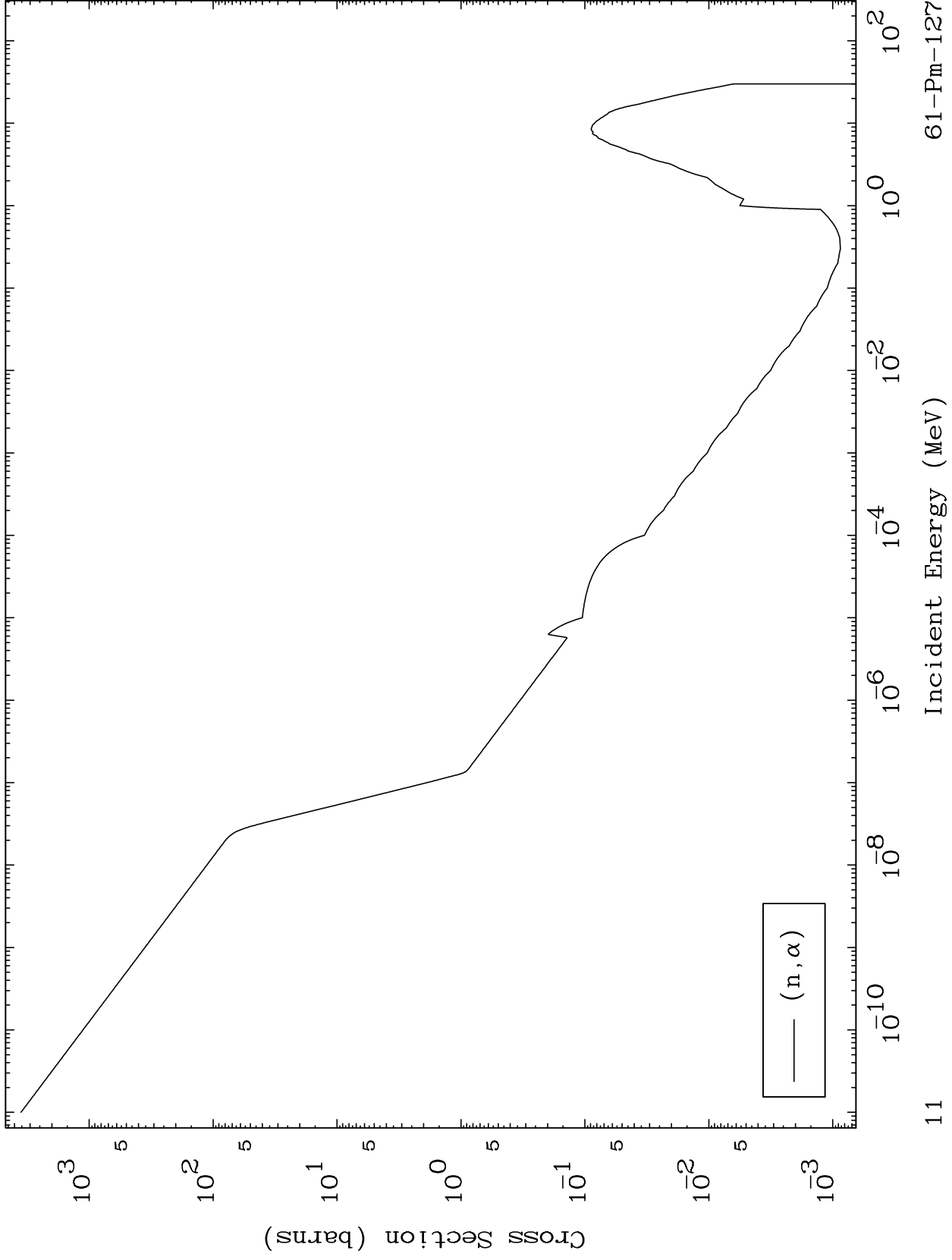
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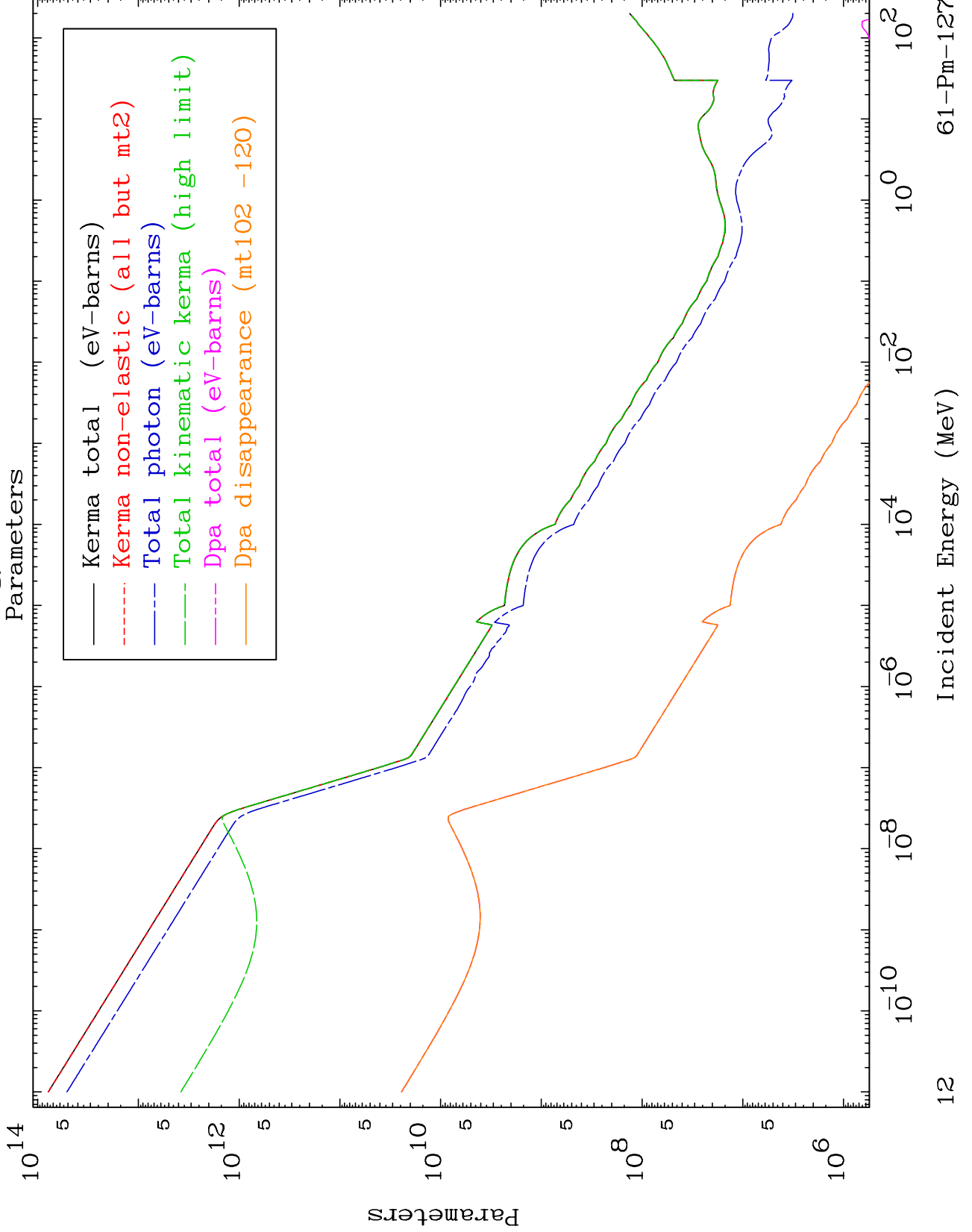
61-Pm-127

MAT 6089

293 (n,α) Levels
Kelvin Cross Sections

61-Pm-127

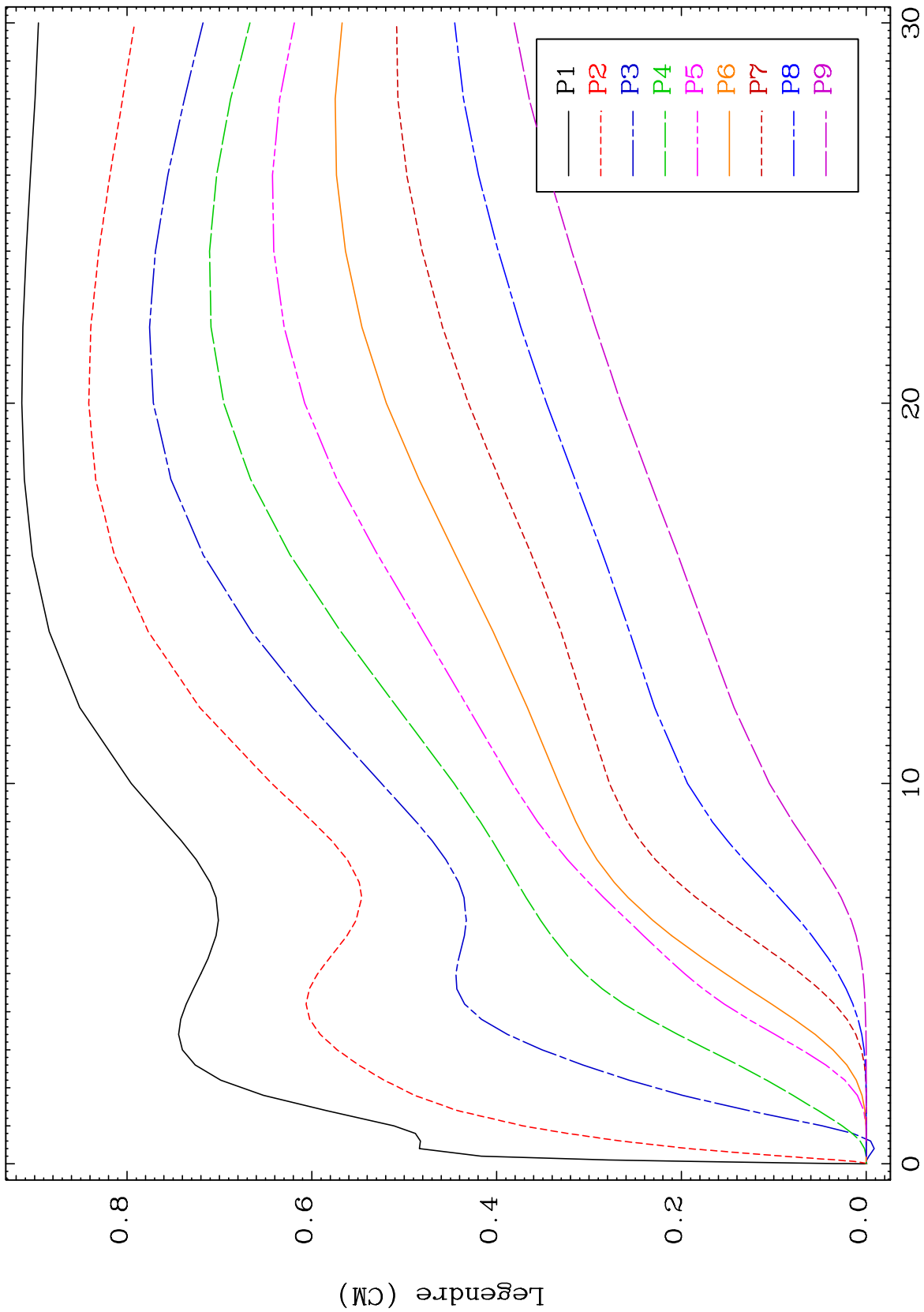




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Elastic Legendre Coefficients

61-Pm-127



13

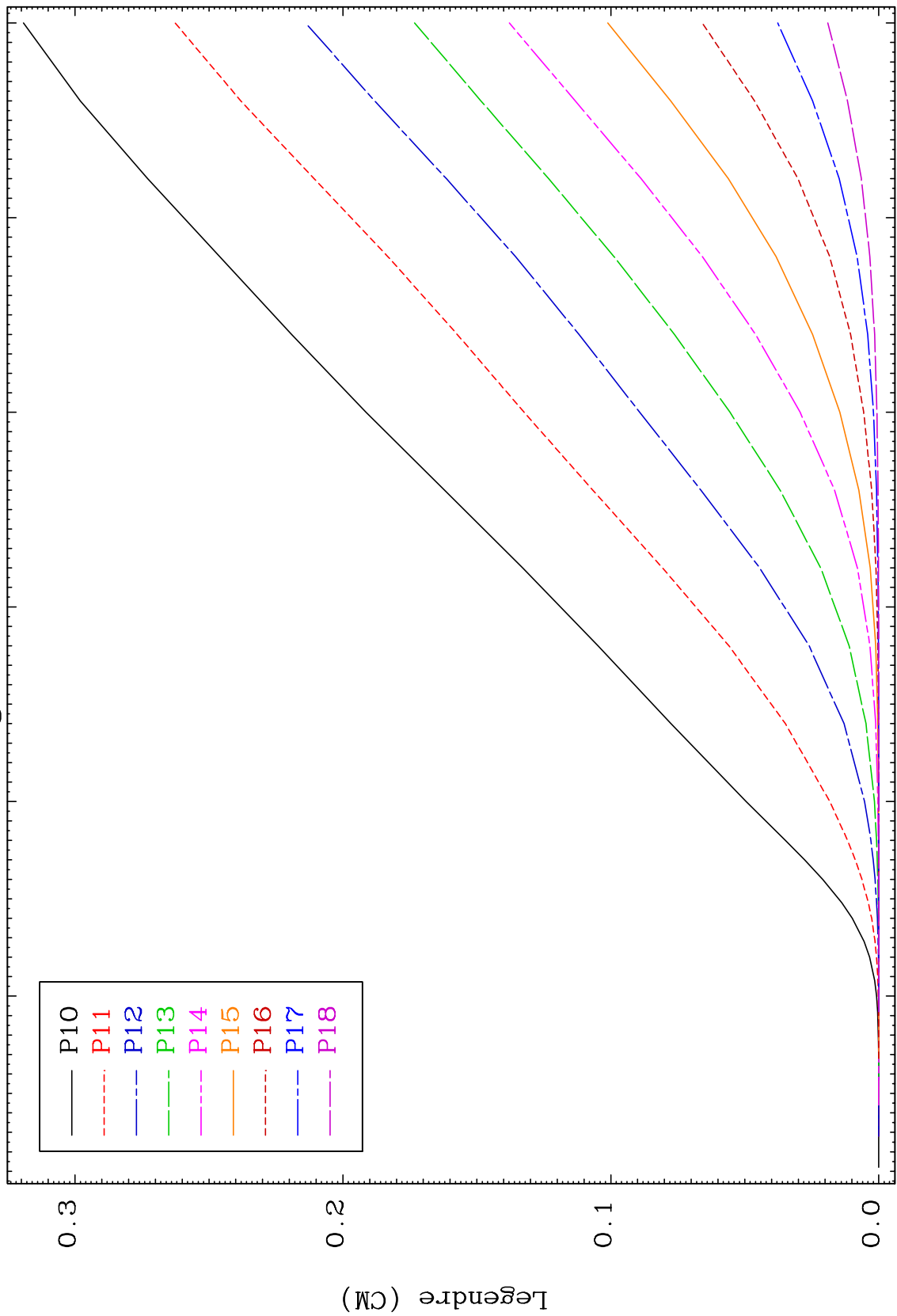
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



14

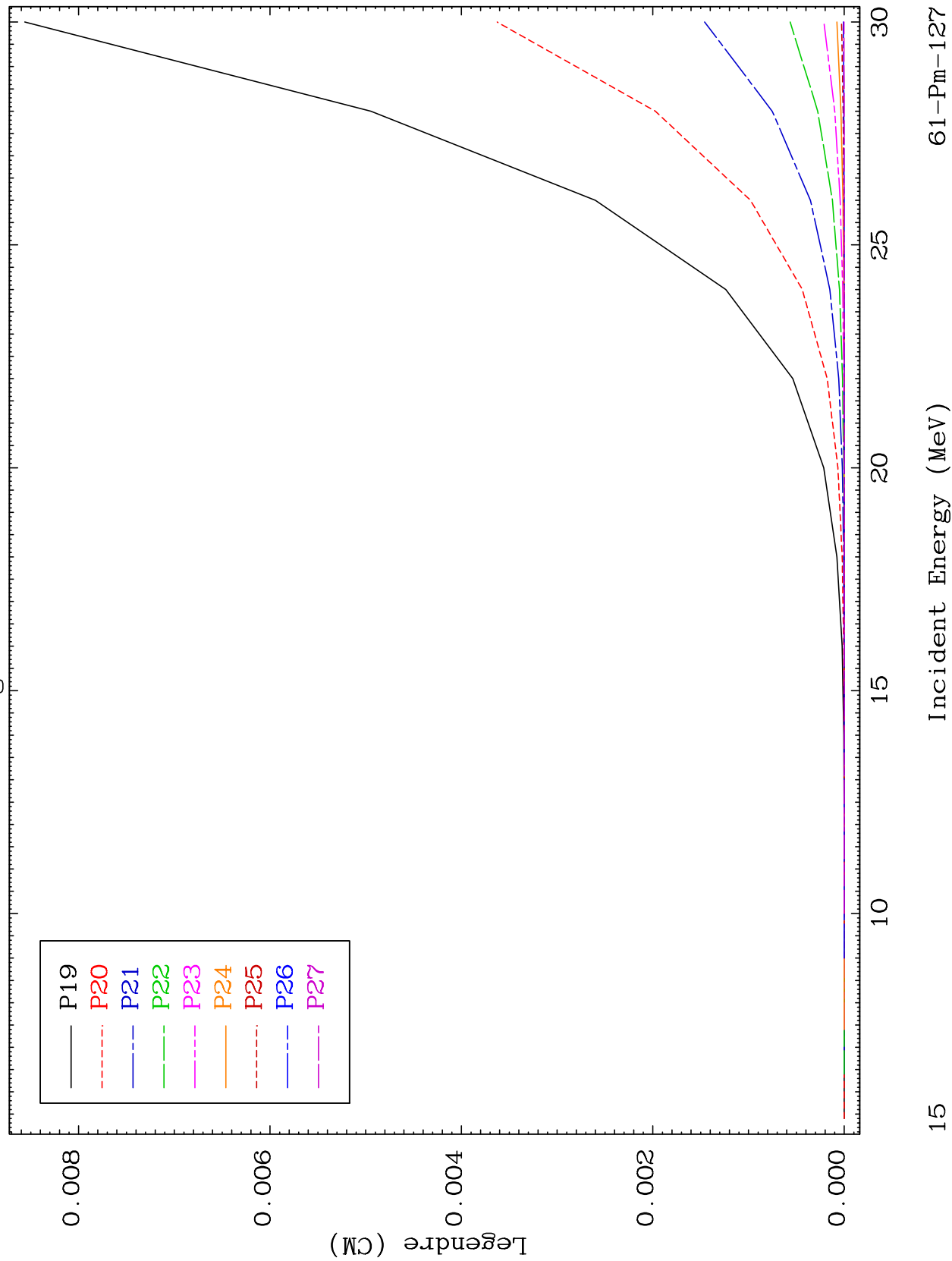
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



61-Pm-127

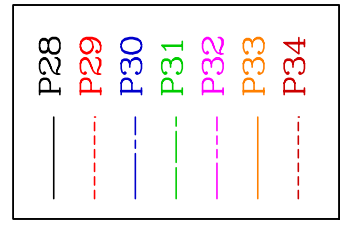
Incident Energy (MeV)

15

MAT 6089

Elastic Legendre Coefficients

61-Pm-127

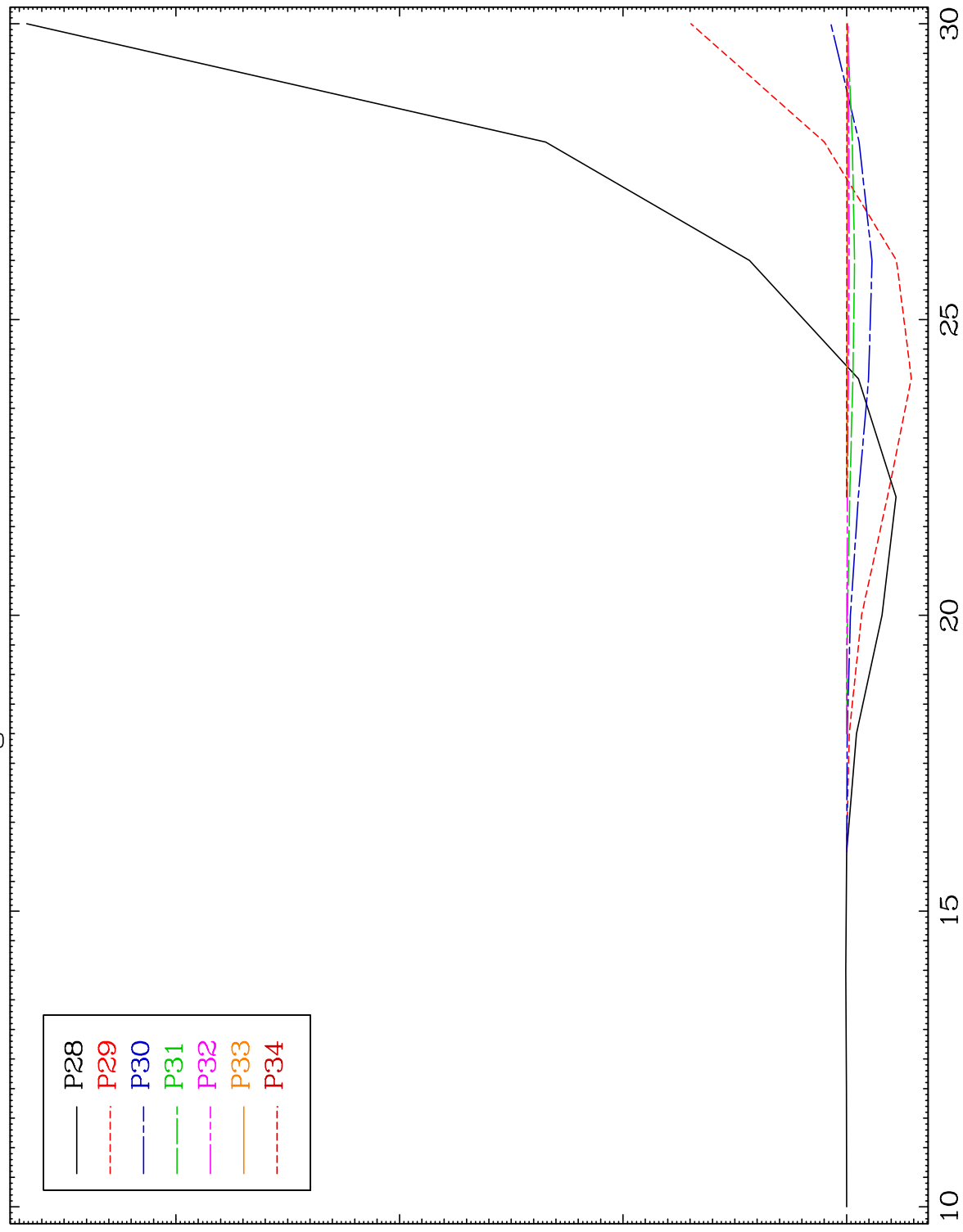


$\times 10^{-7}$

Legendre (CM)

Incident Energy (MeV)

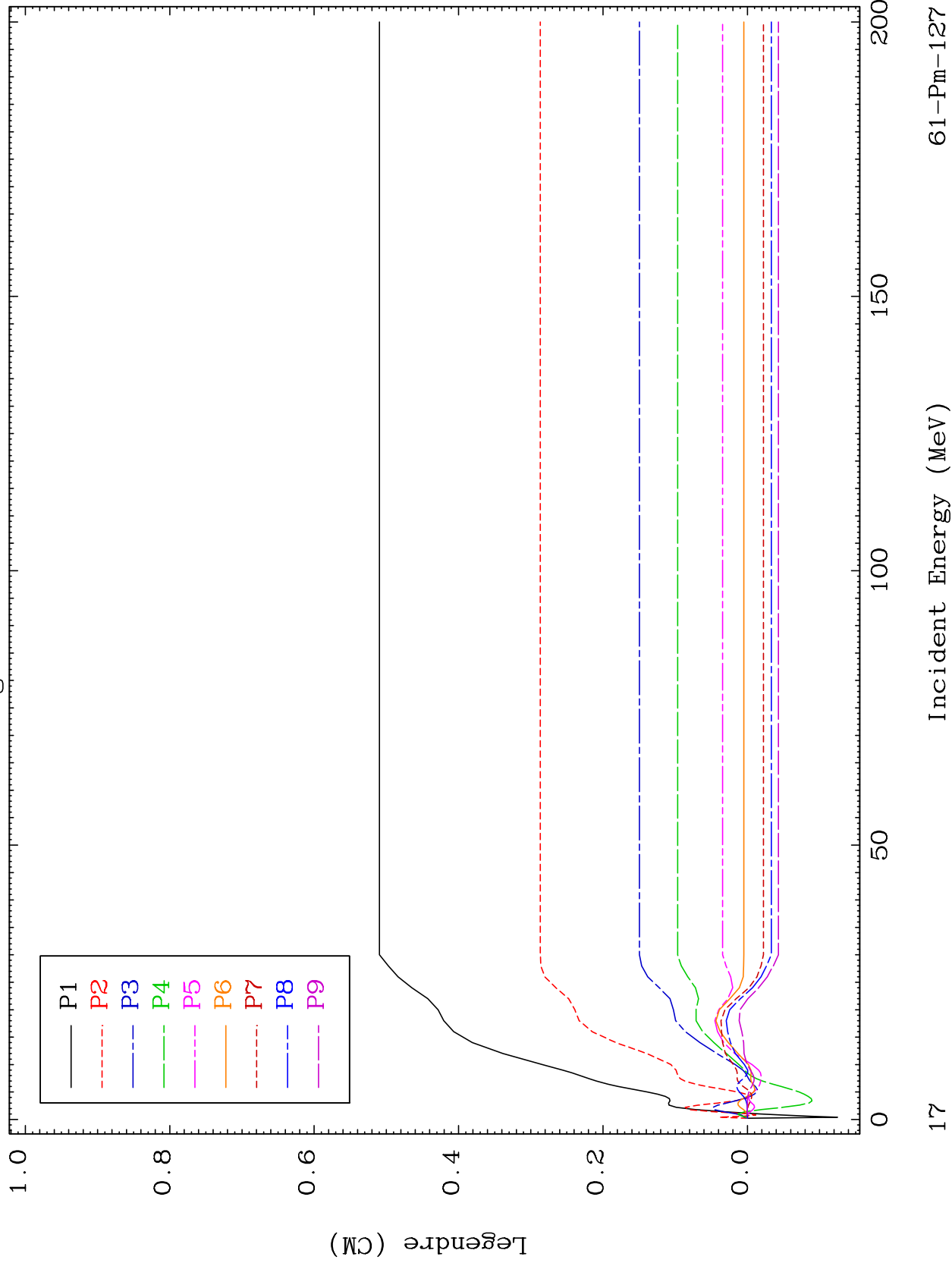
61-Pm-127



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

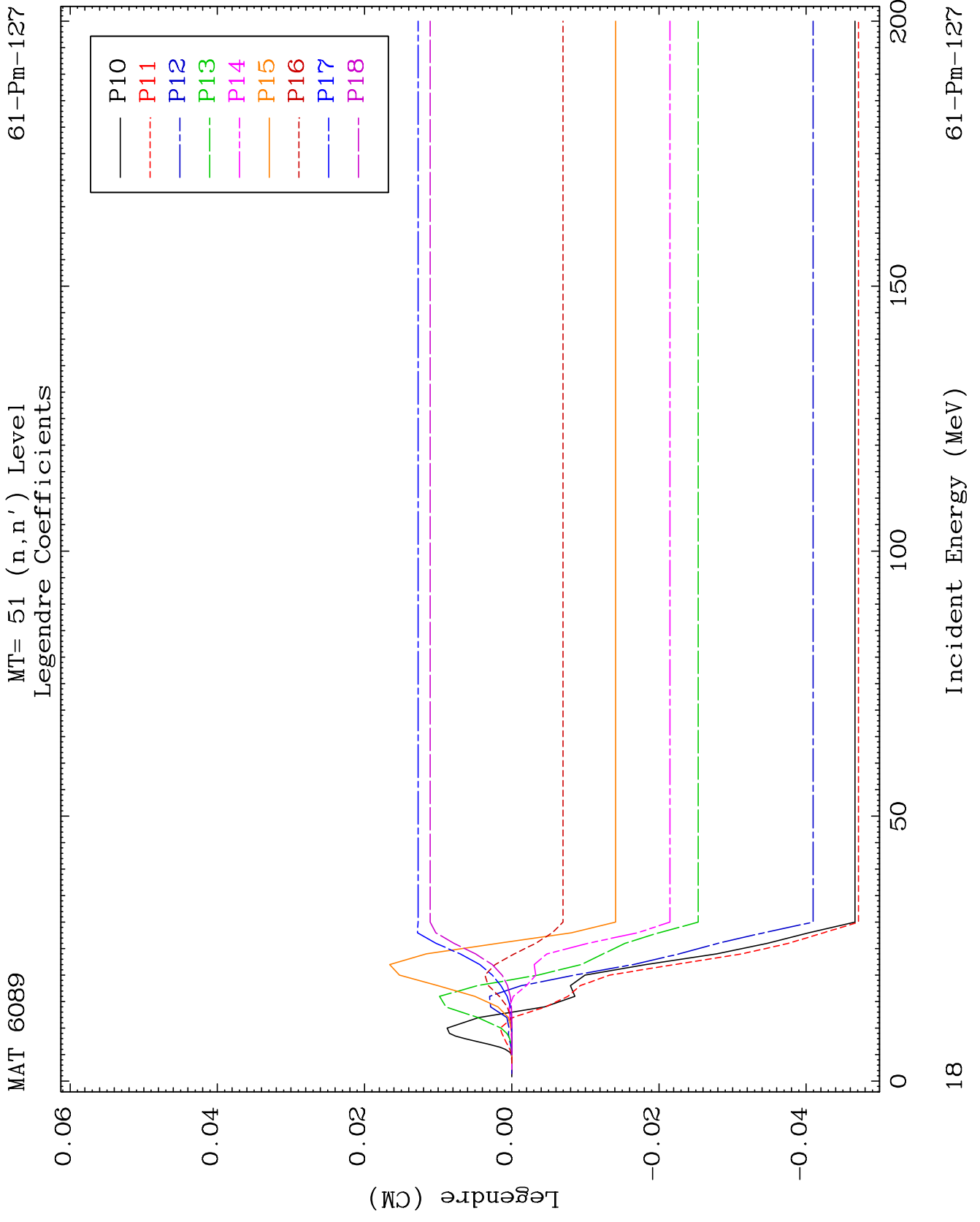
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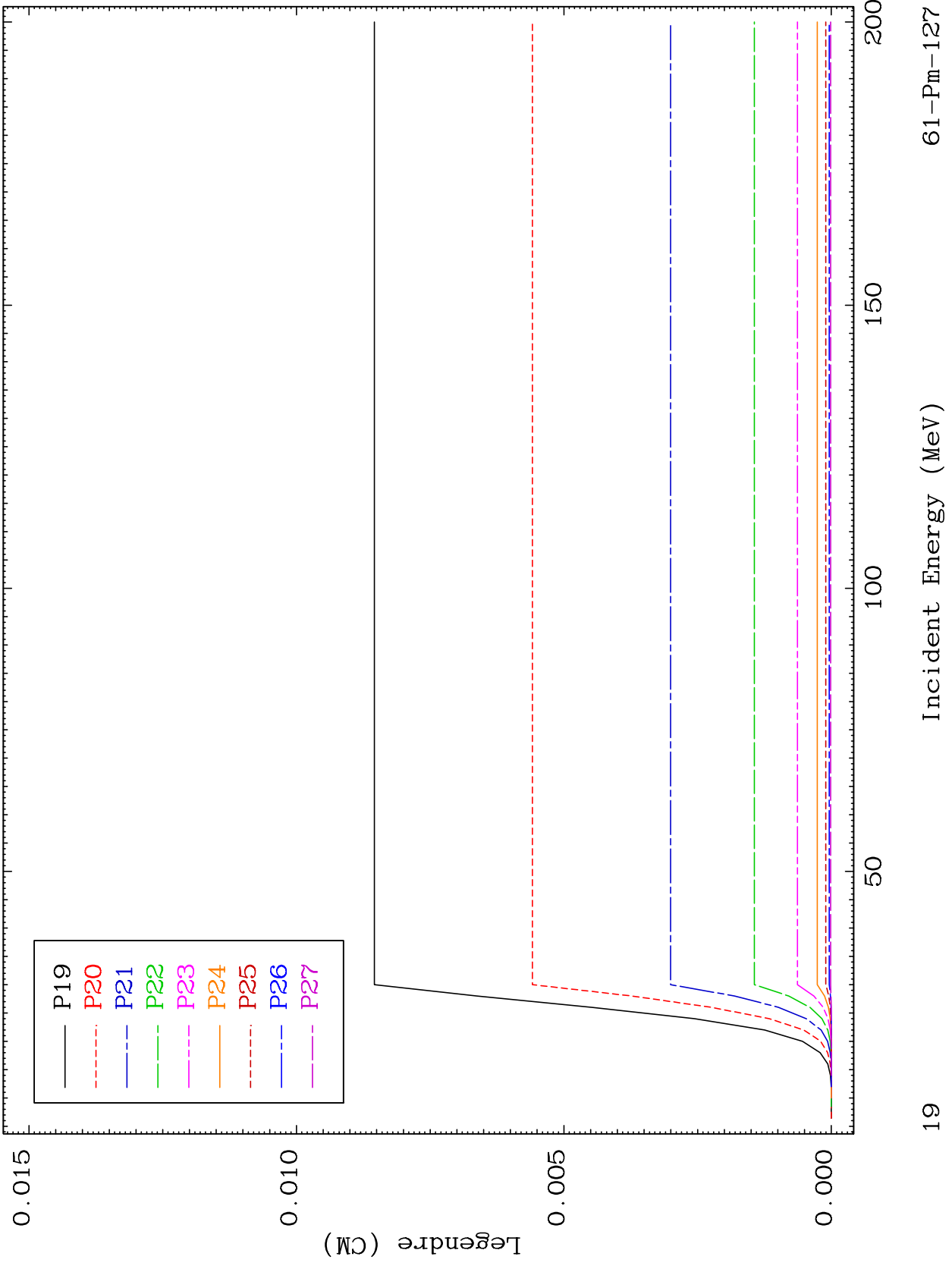


17

Incident Energy (MeV)

61-Pm-127

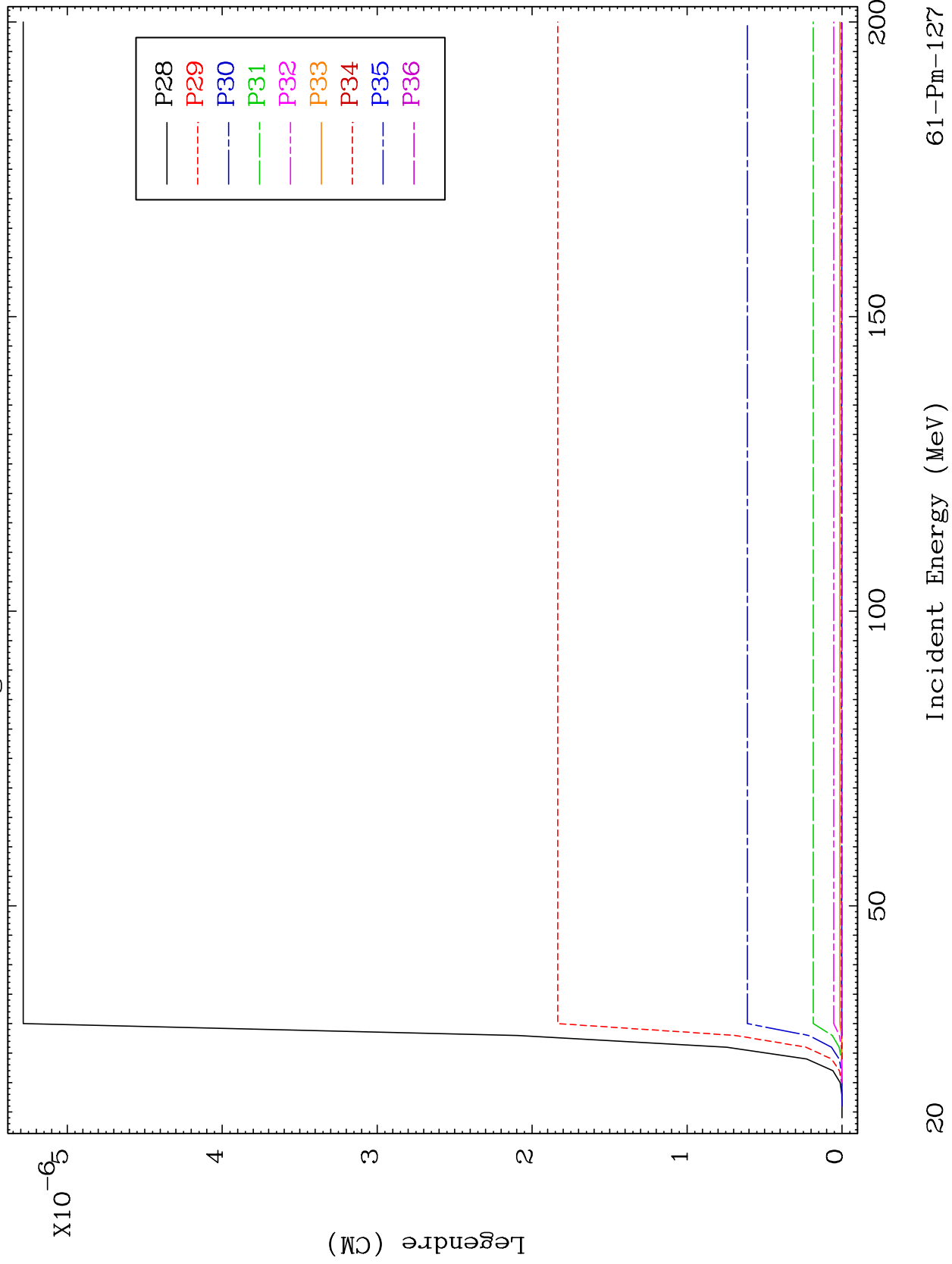




MAT 6089

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

61-Pm-127



61-Pm-127

Incident Energy (MeV)

20

MAT 6089

(n,3α)

61-Pm-127

Radionuclide Production Cross Section

