

Program EVALPLOT
(Version 2018-1)

by

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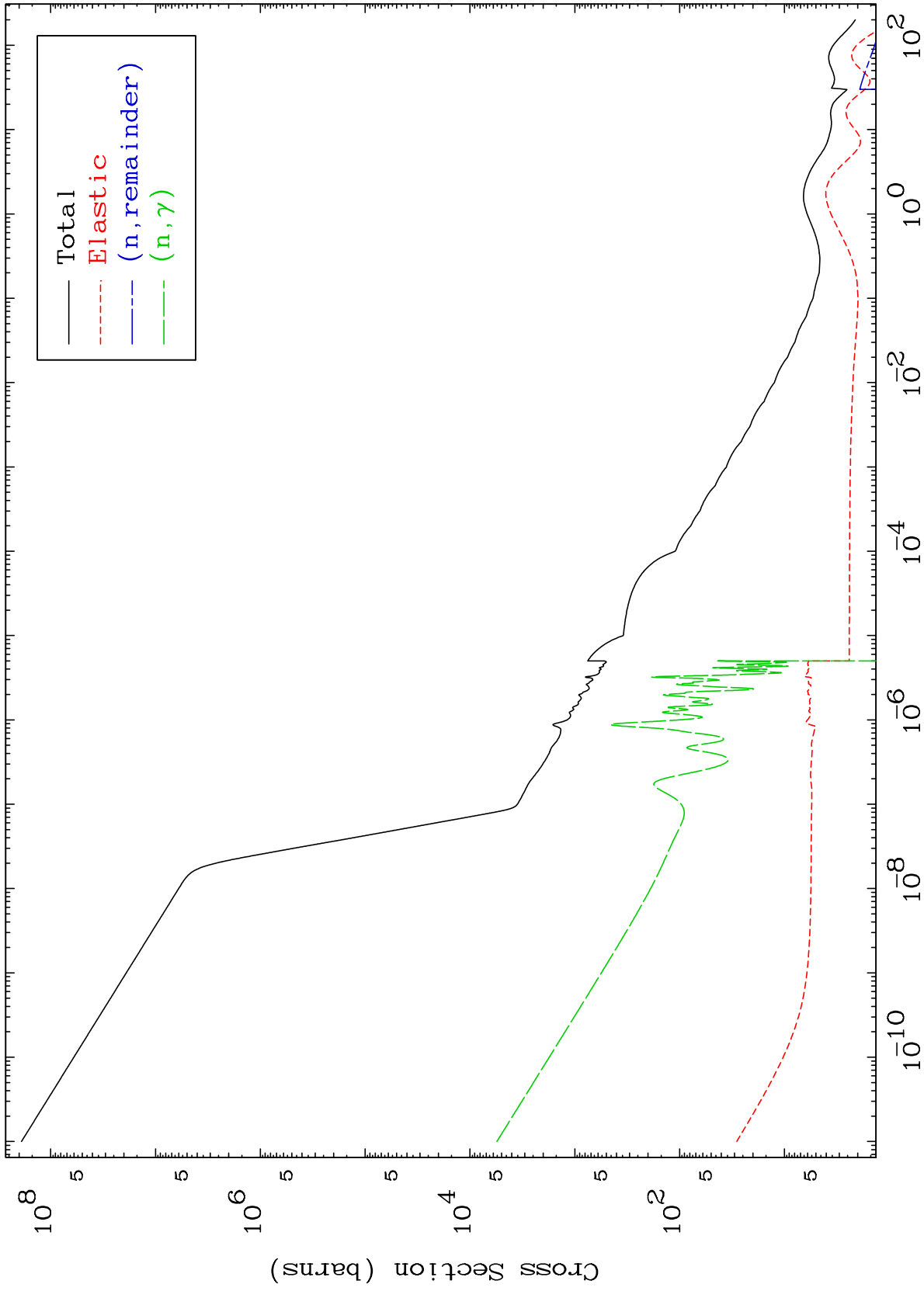
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6089

Major
293 Kelvin Cross Sections

61-Pm-127



1

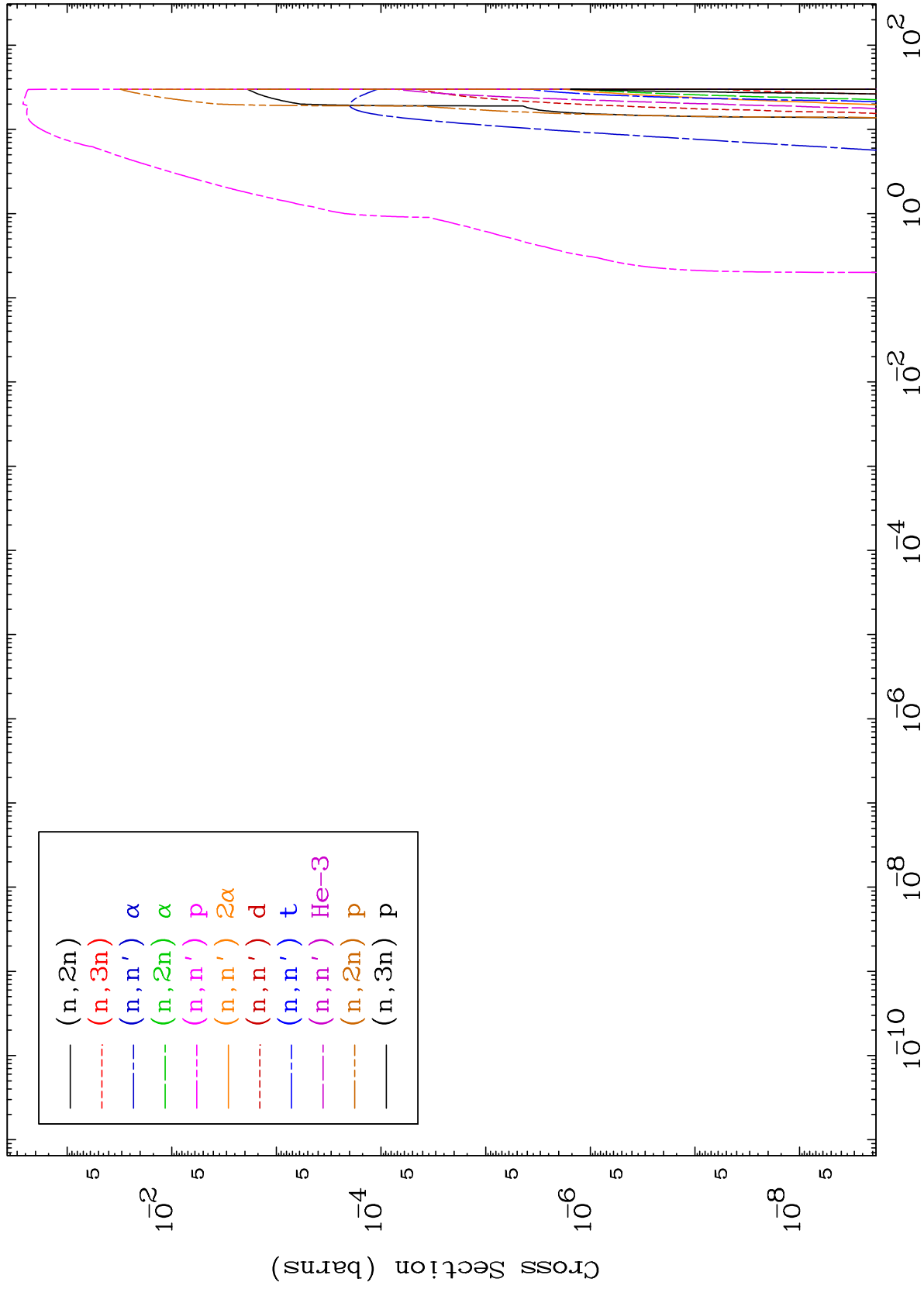
Incident Energy (MeV)

61-Pm-127

MAT 6089

Neutron Production
293 Kelvin Cross Sections

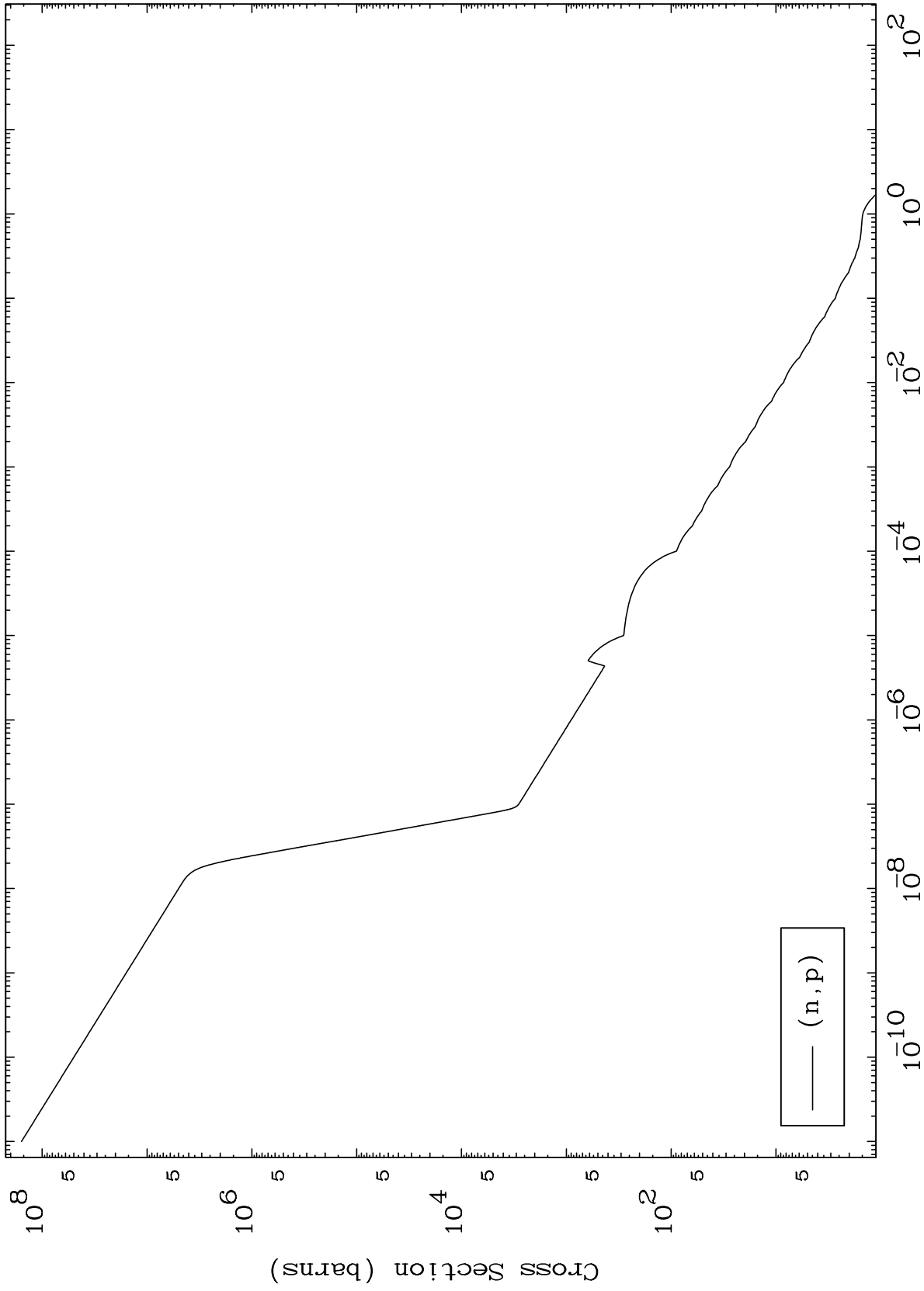
61-Pm-127



MAT 6089

Charged Particle
293 Kelvin Cross Sections

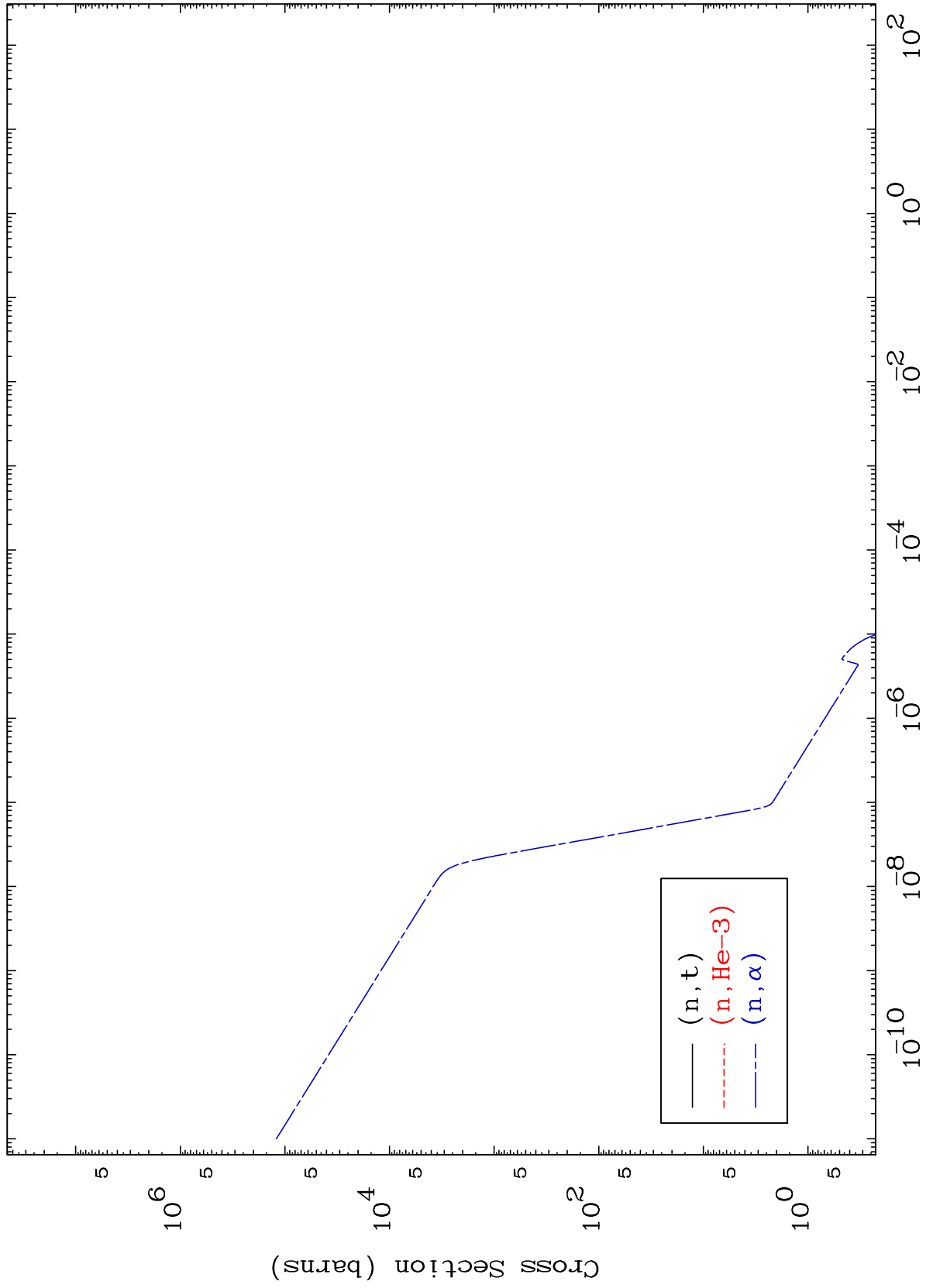
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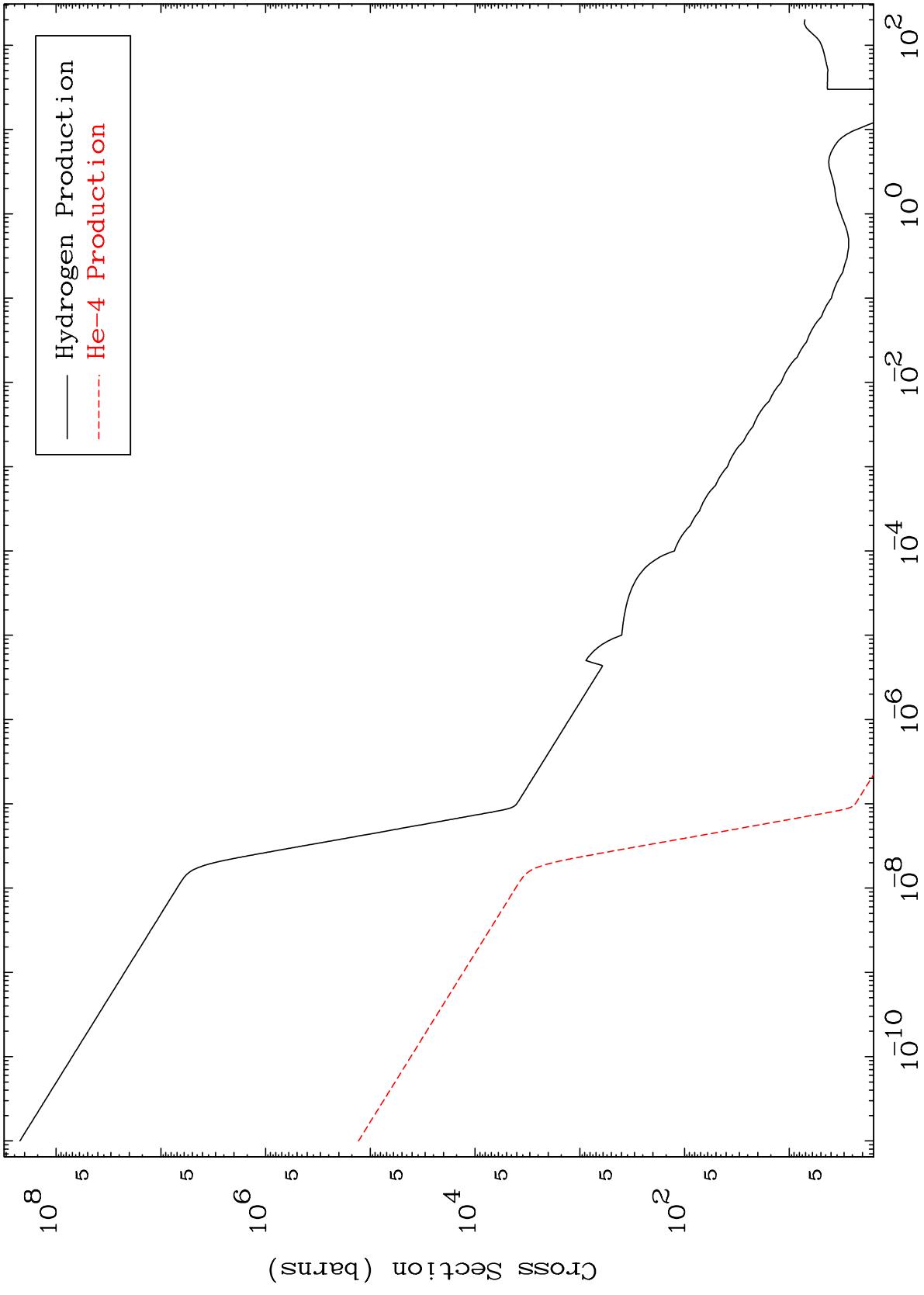


3

Incident Energy (MeV)

61-Pm-127

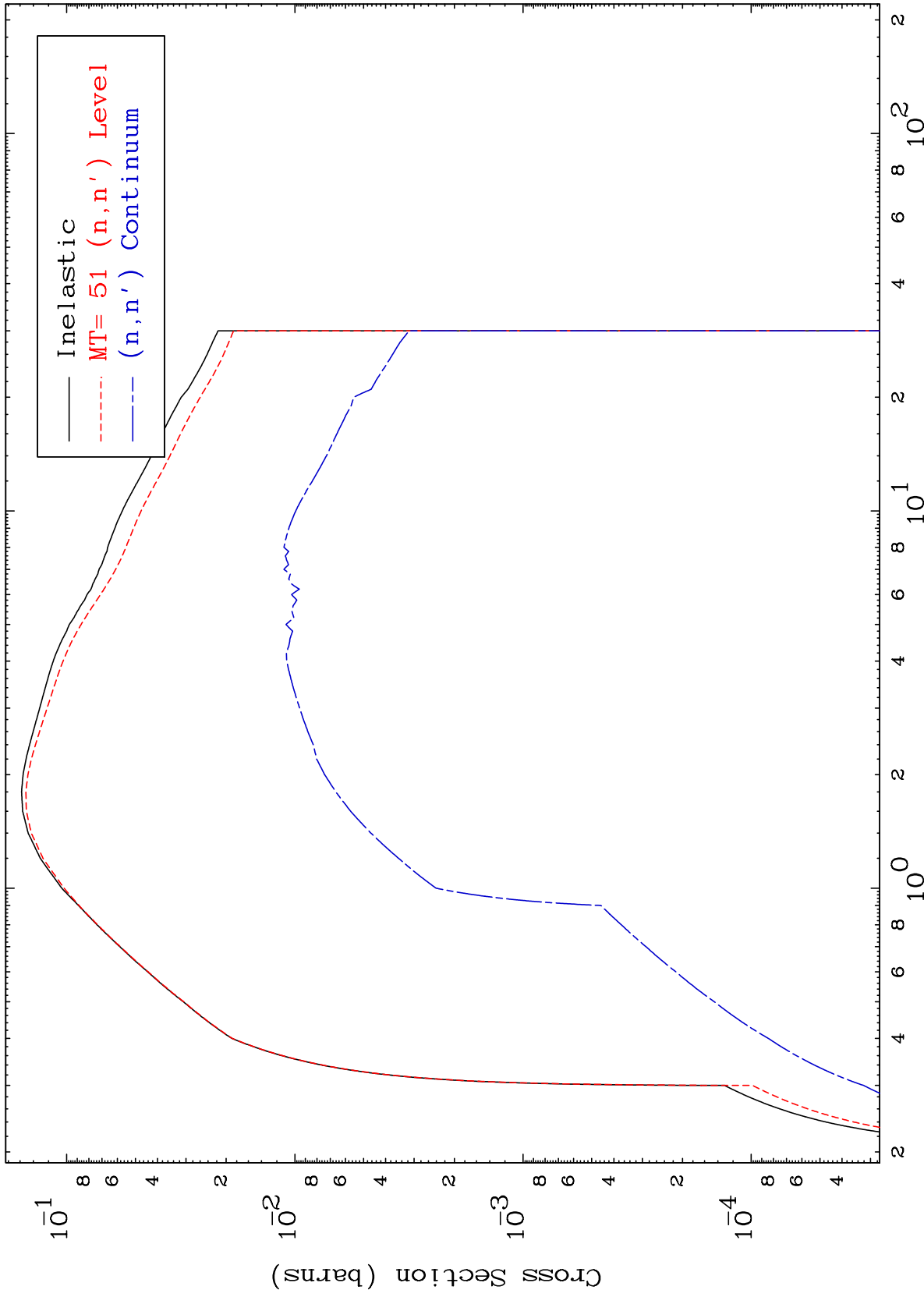




MAT 6089

(n,n') Level
293 Kelvin Cross Sections

61-Pm-127



6

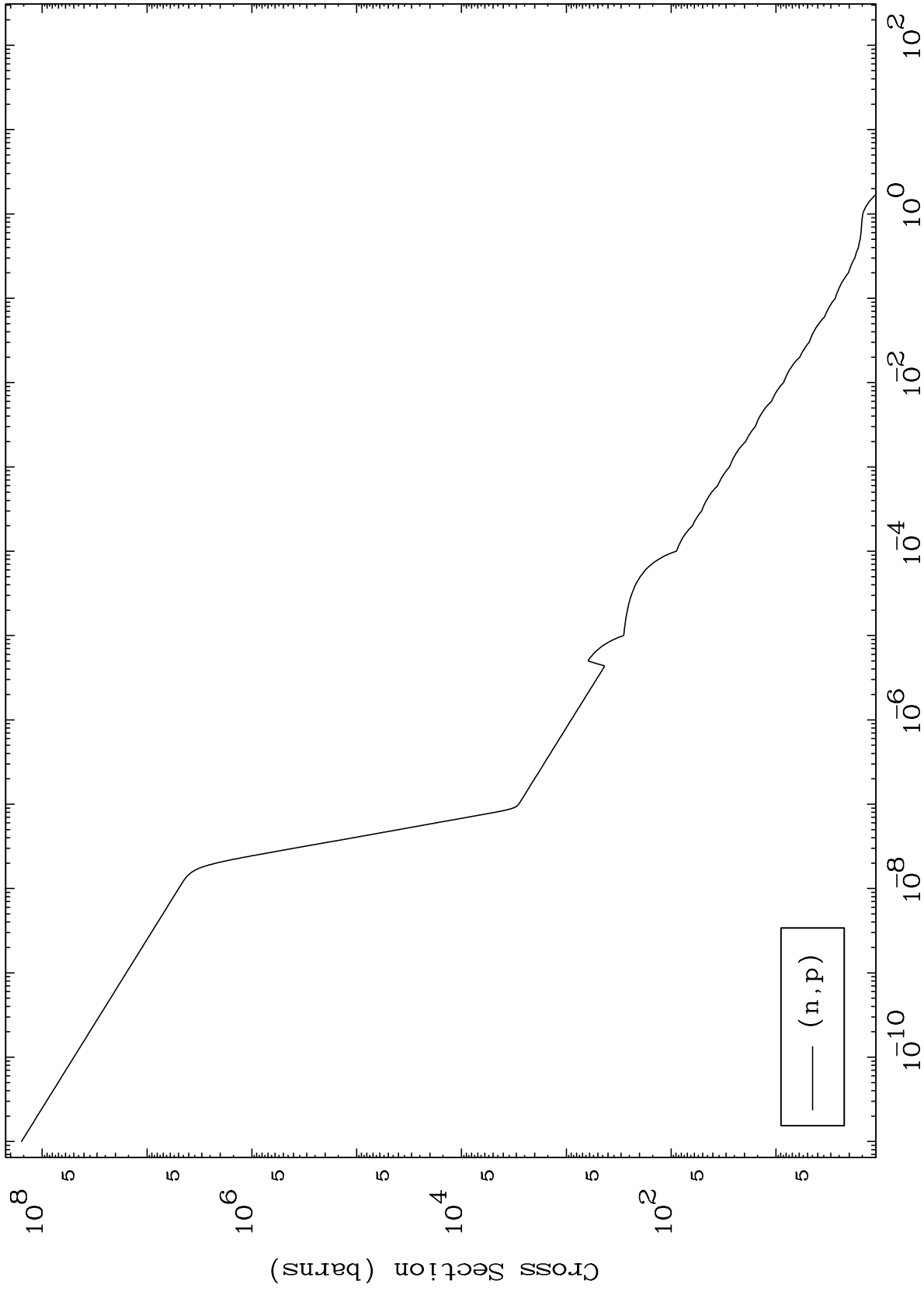
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-127



7

Incident Energy (MeV)

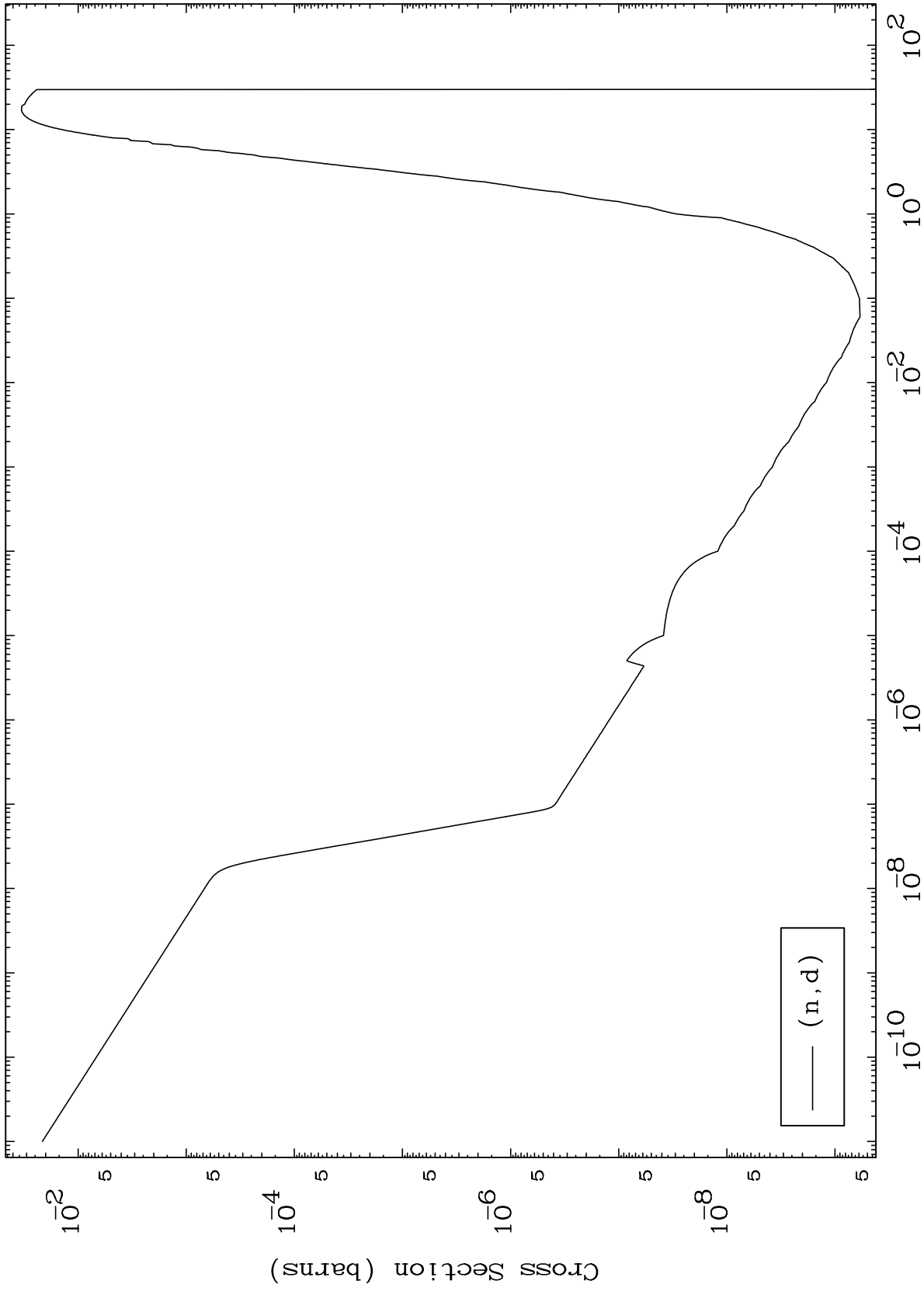
61-Pm-127

— (n, p)

MAT 6089

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-127



8

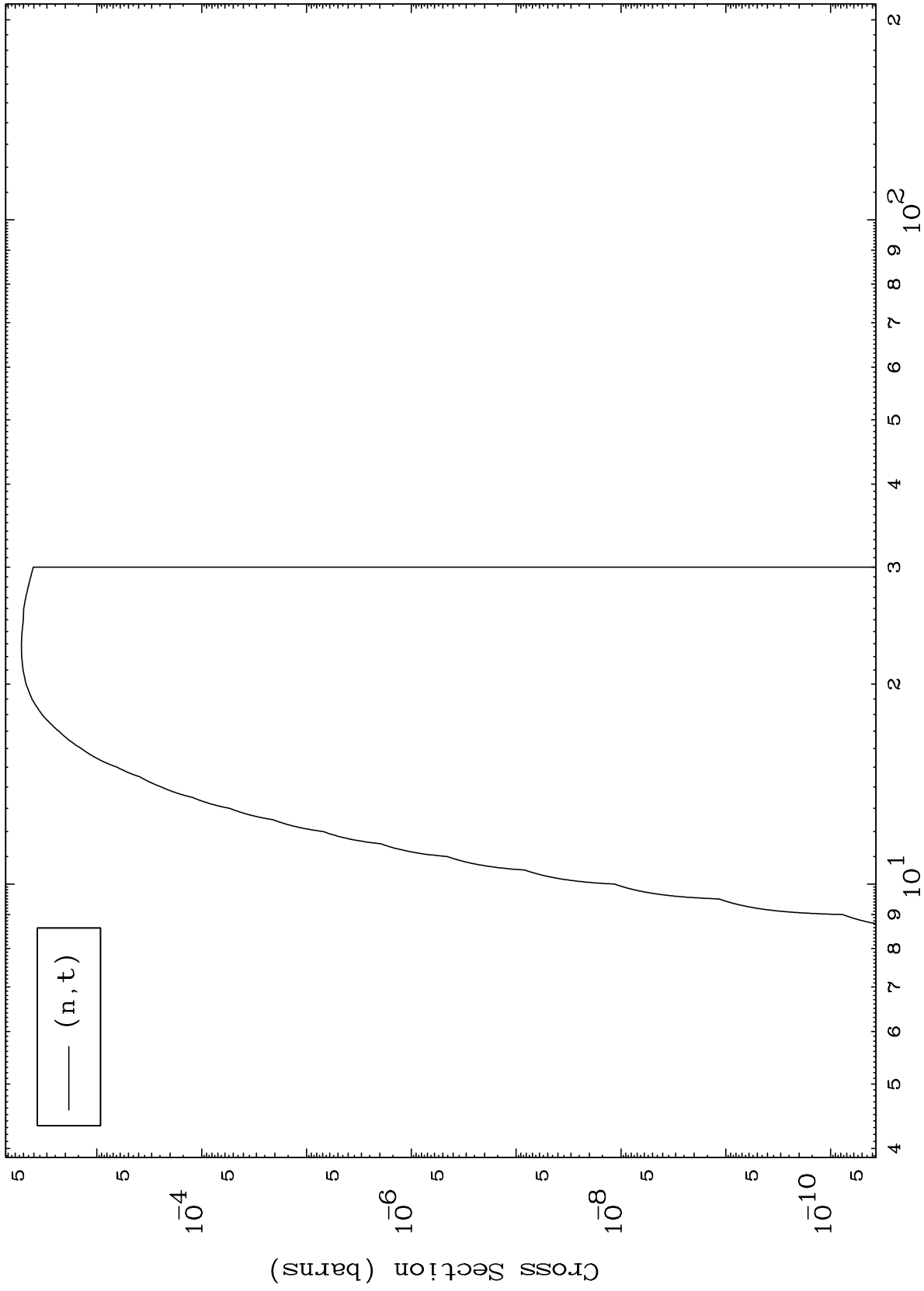
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-127



9

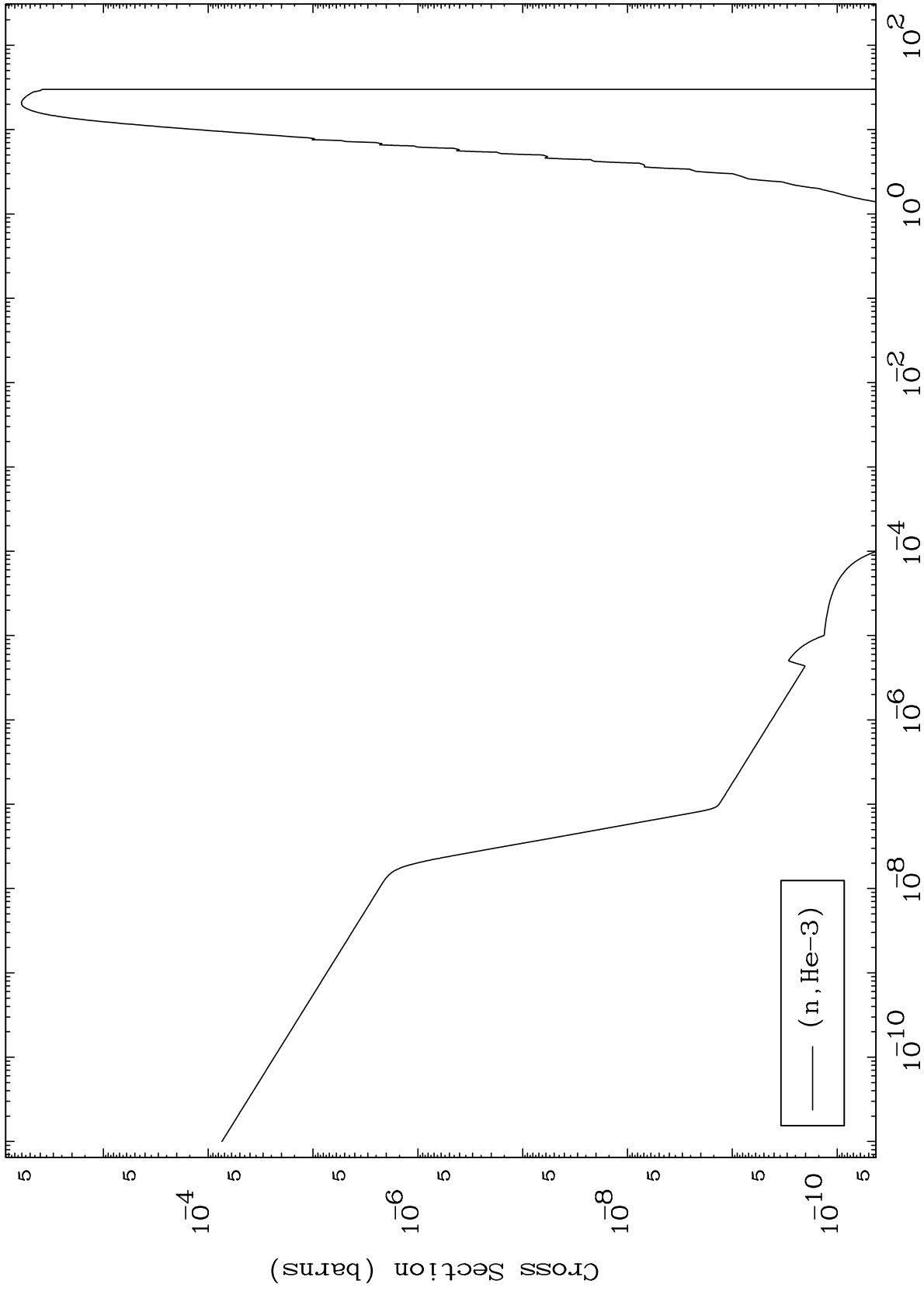
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-127



10

Incident Energy (MeV)

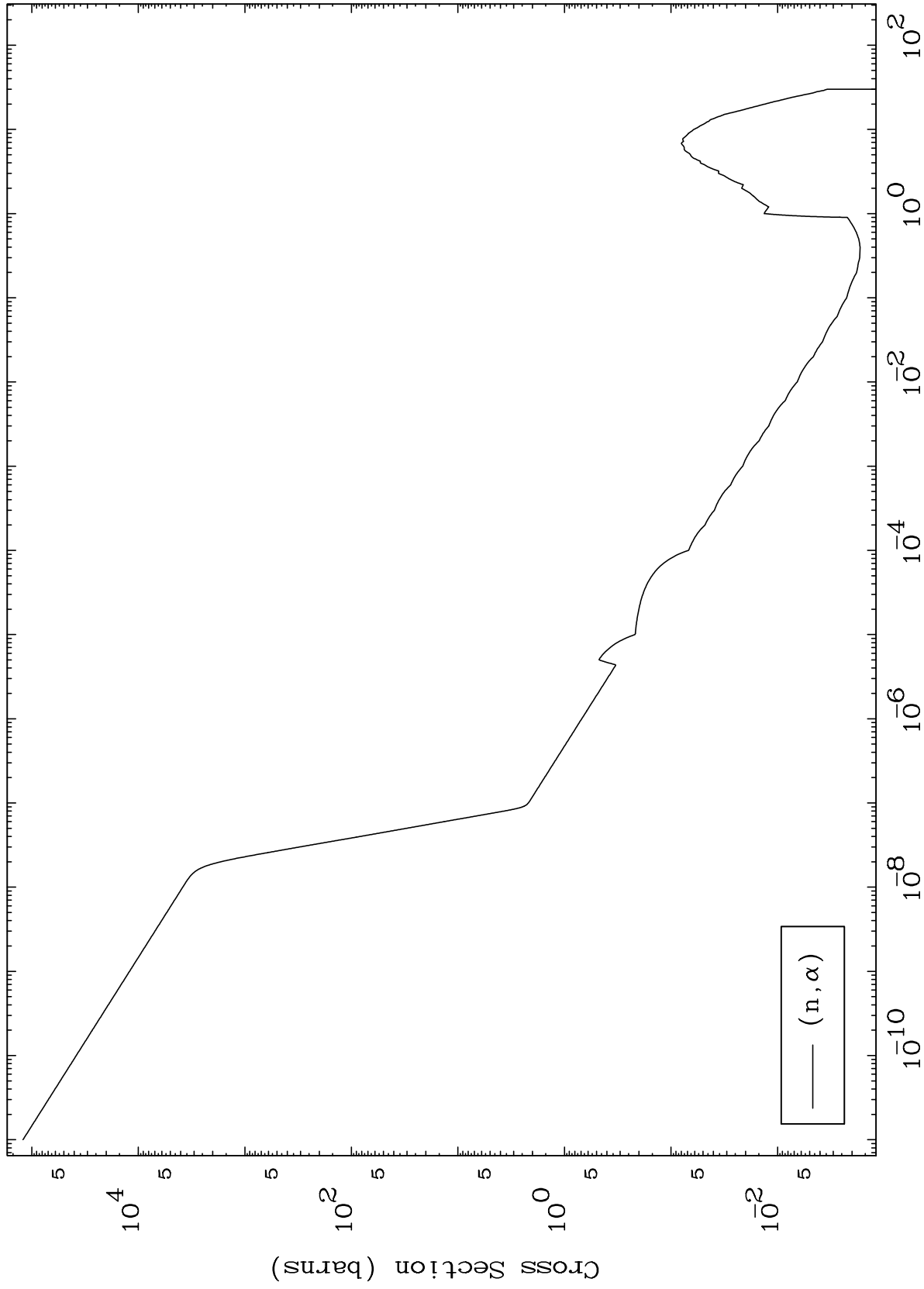
61-Pm-127

(n, He-3)

MAT 6089

(n,α) Levels
293 Kelvin Cross Sections

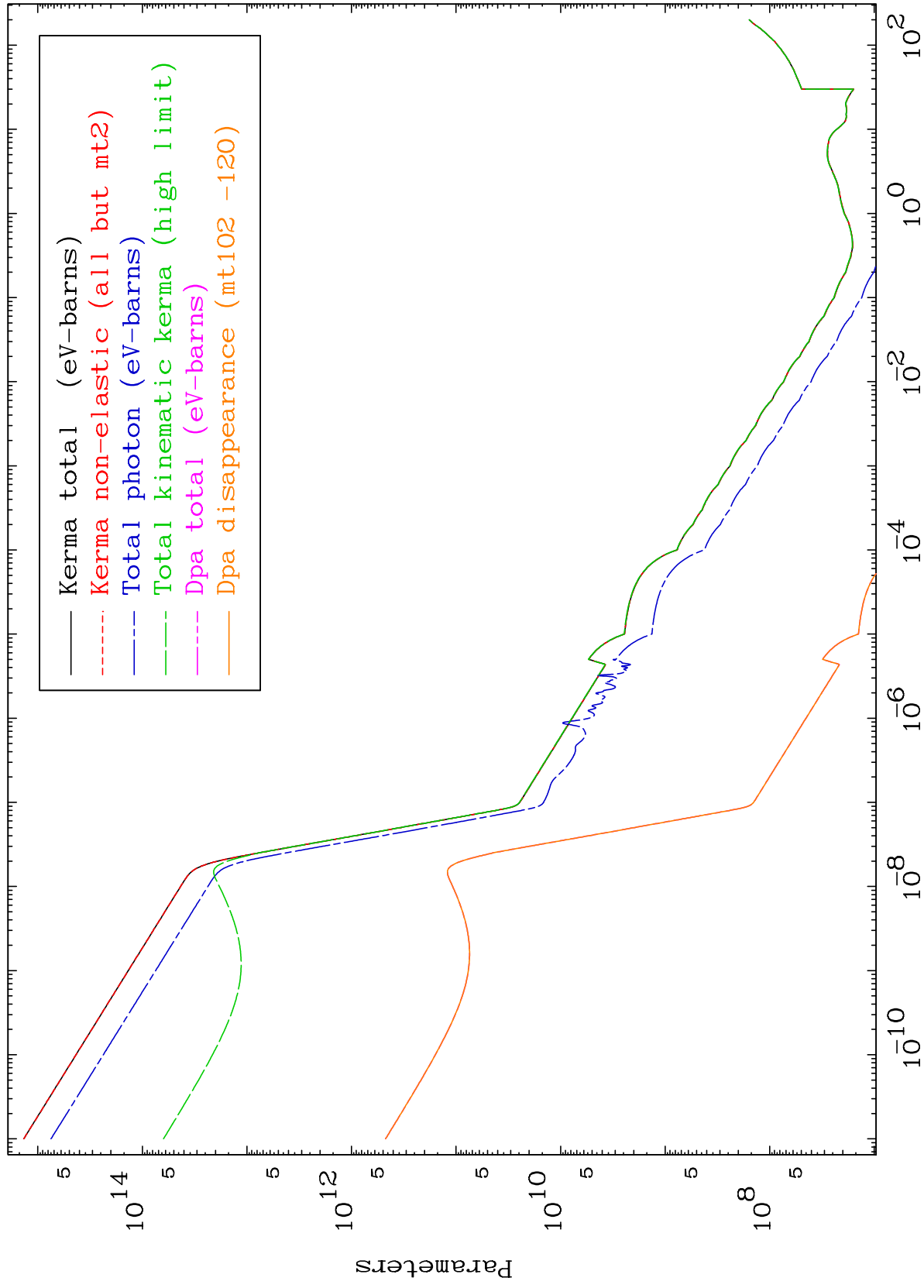
61-Pm-127



11

Incident Energy (MeV)

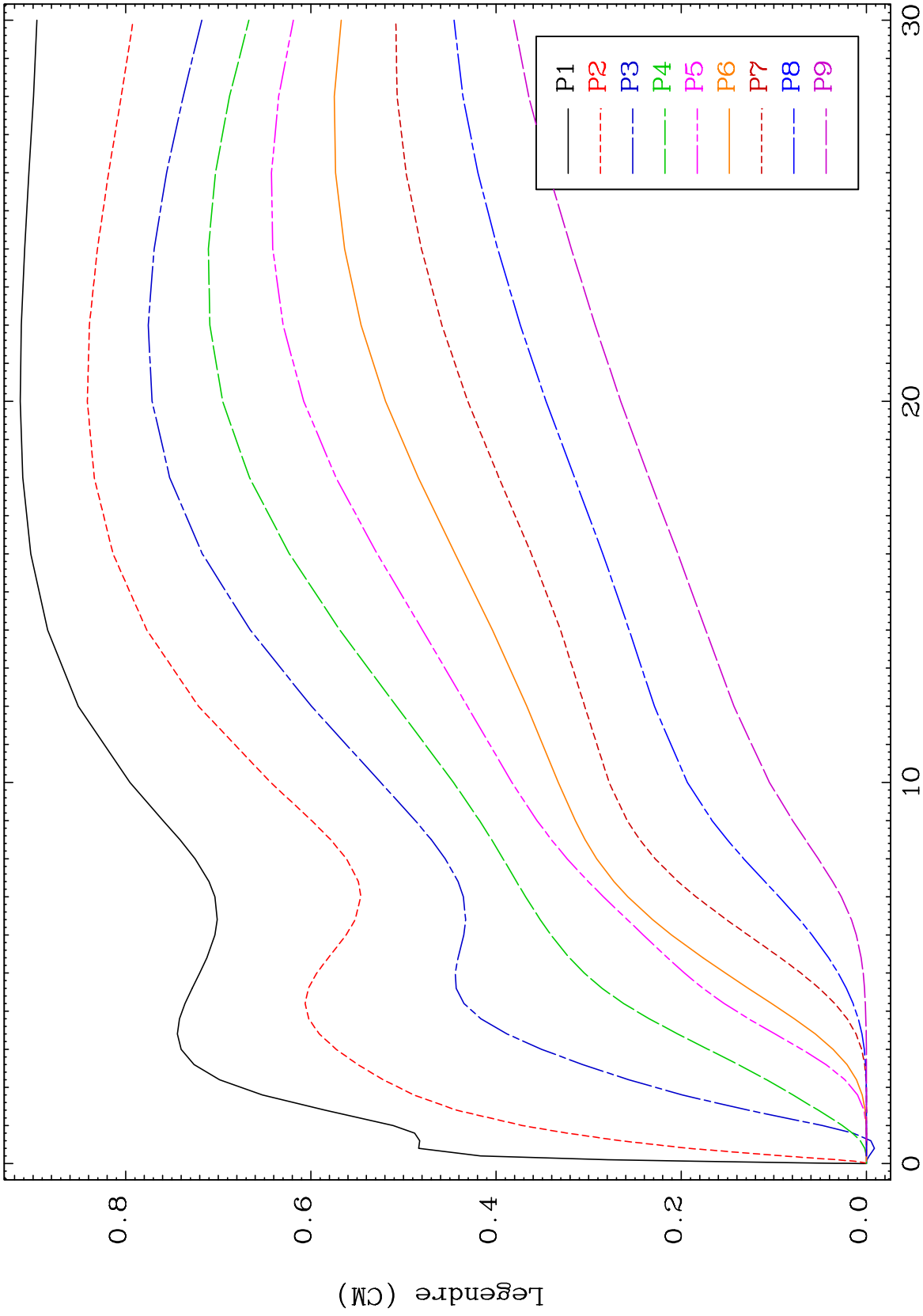
61-Pm-127



MAT 6089

Elastic Legendre Coefficients

61-Pm-127



13

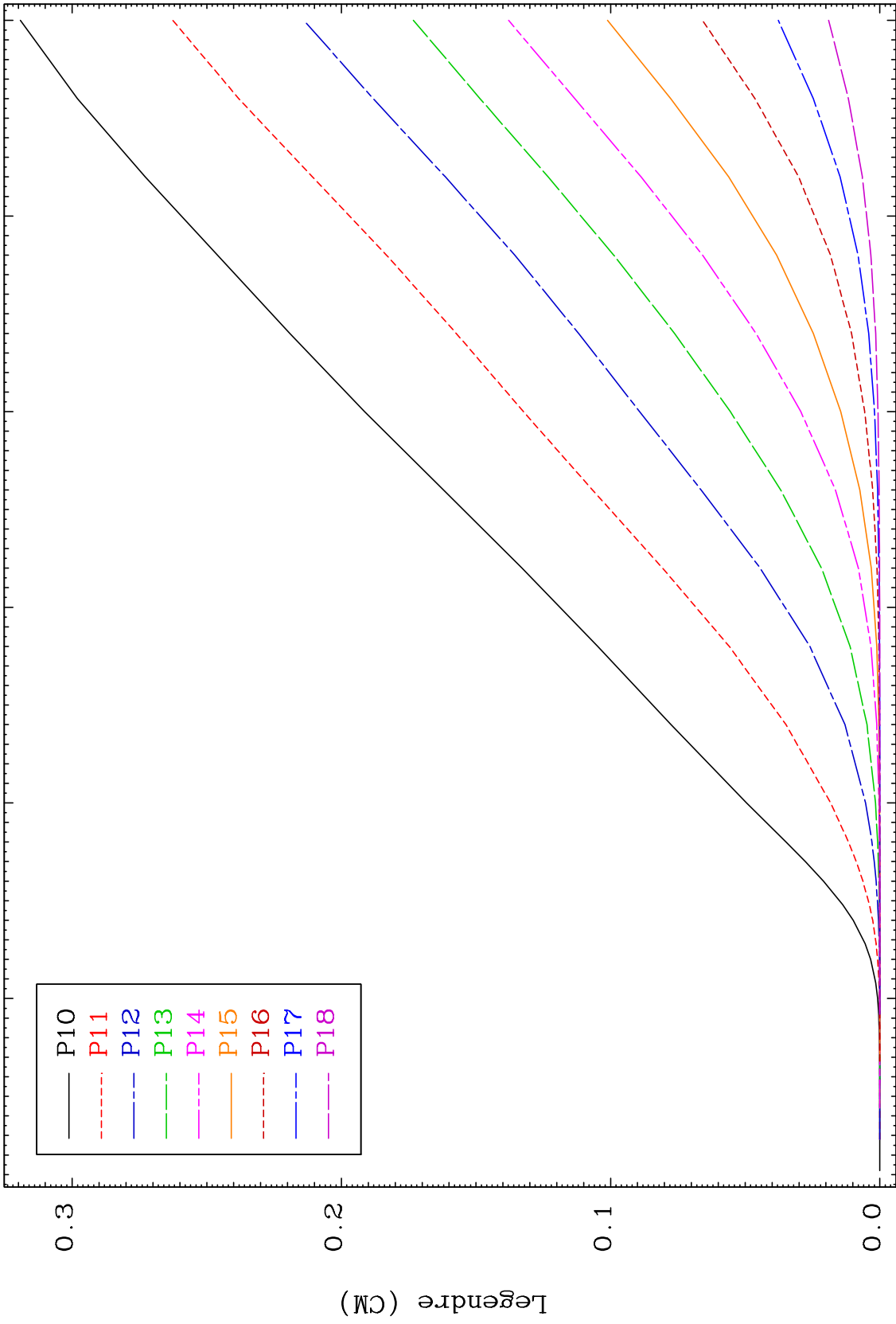
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



14

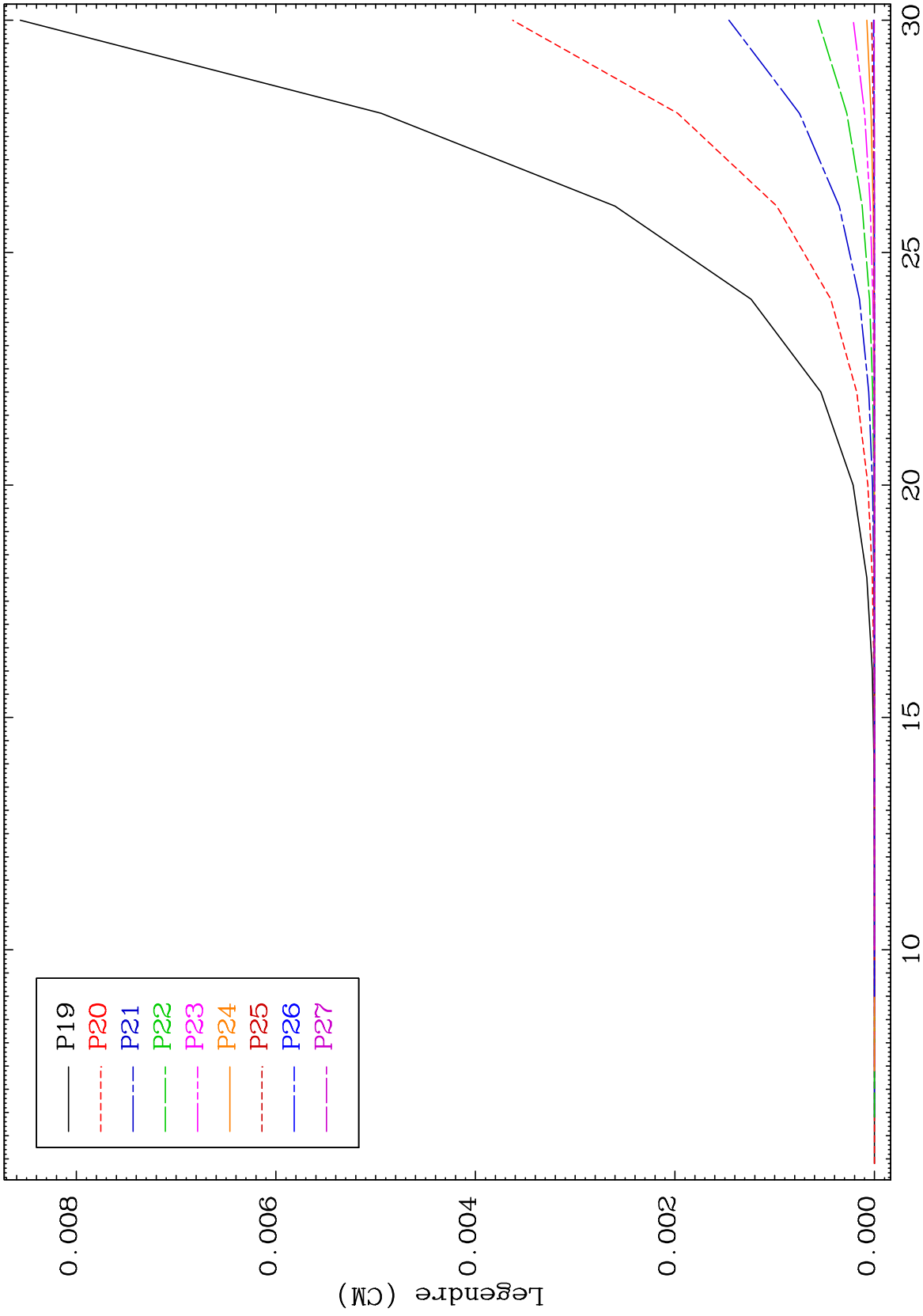
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



15

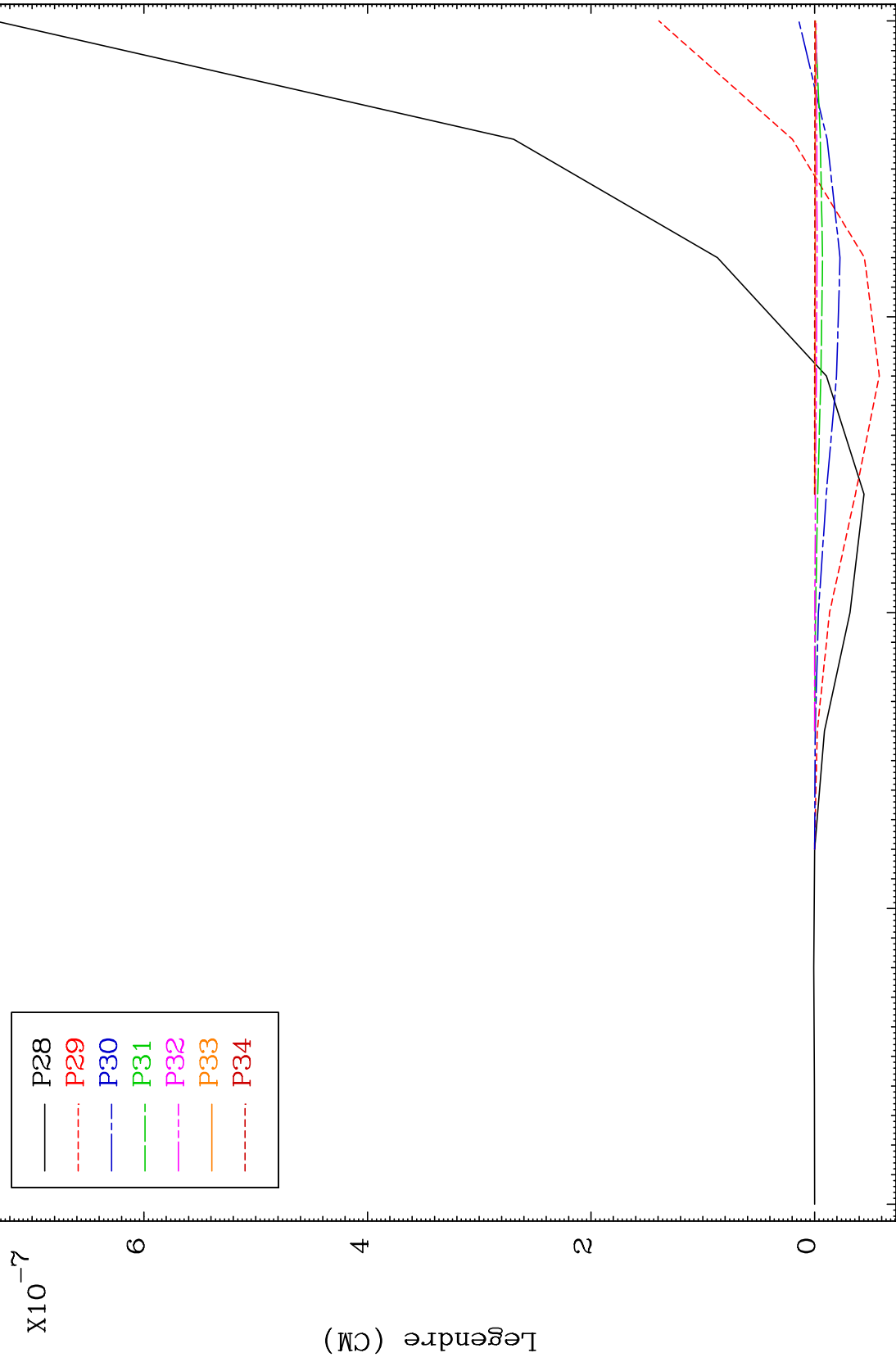
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



16

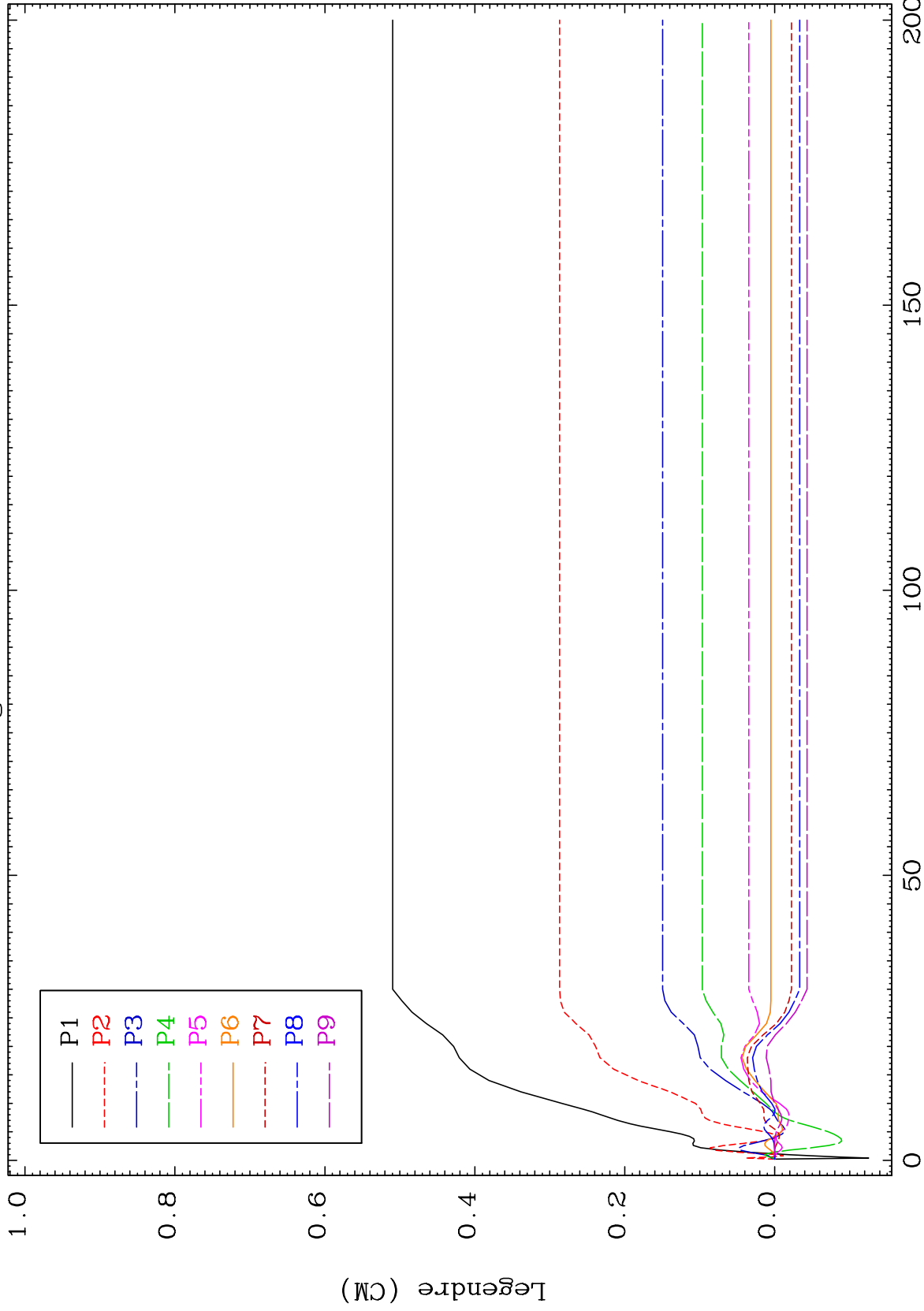
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



17

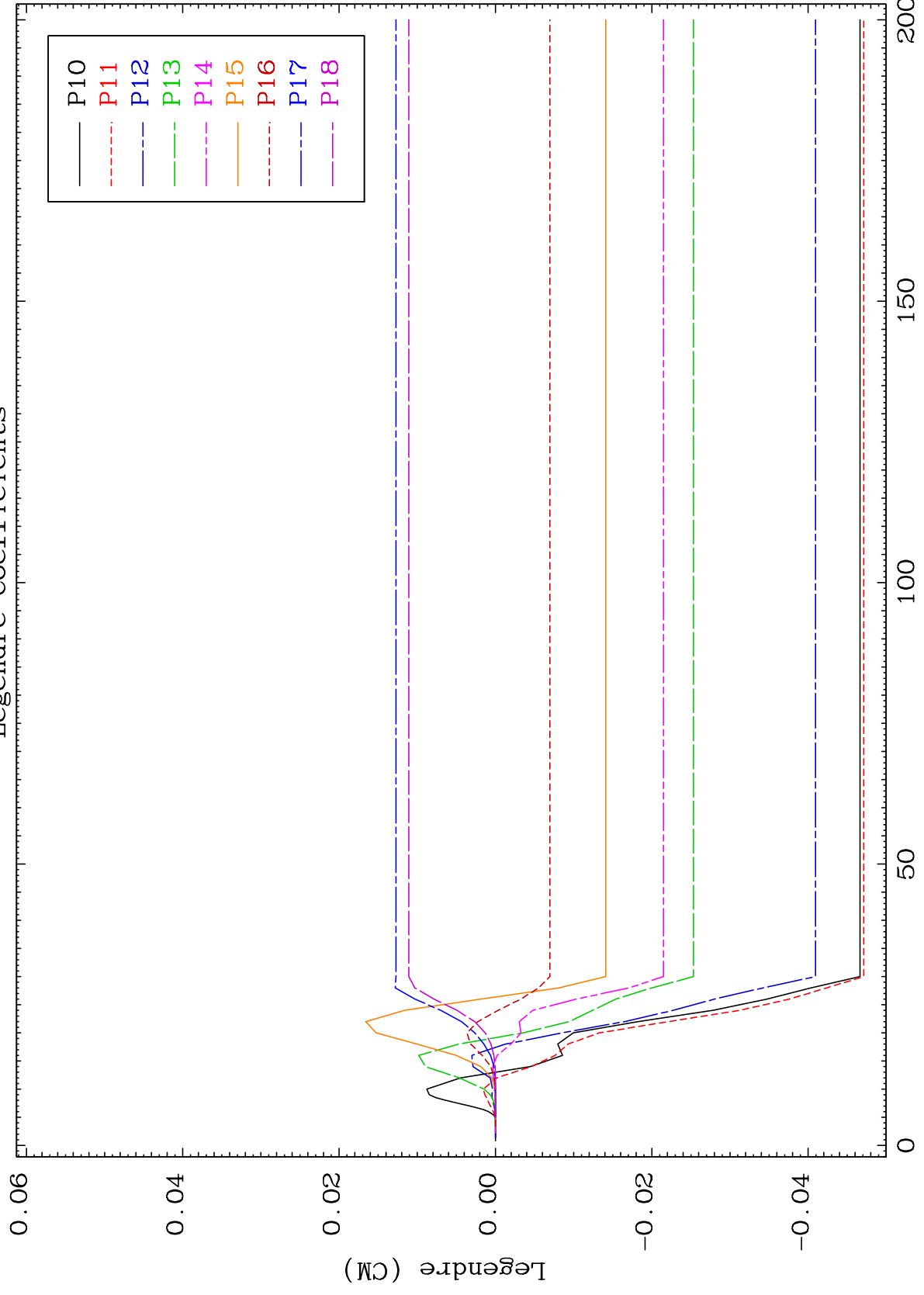
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



18

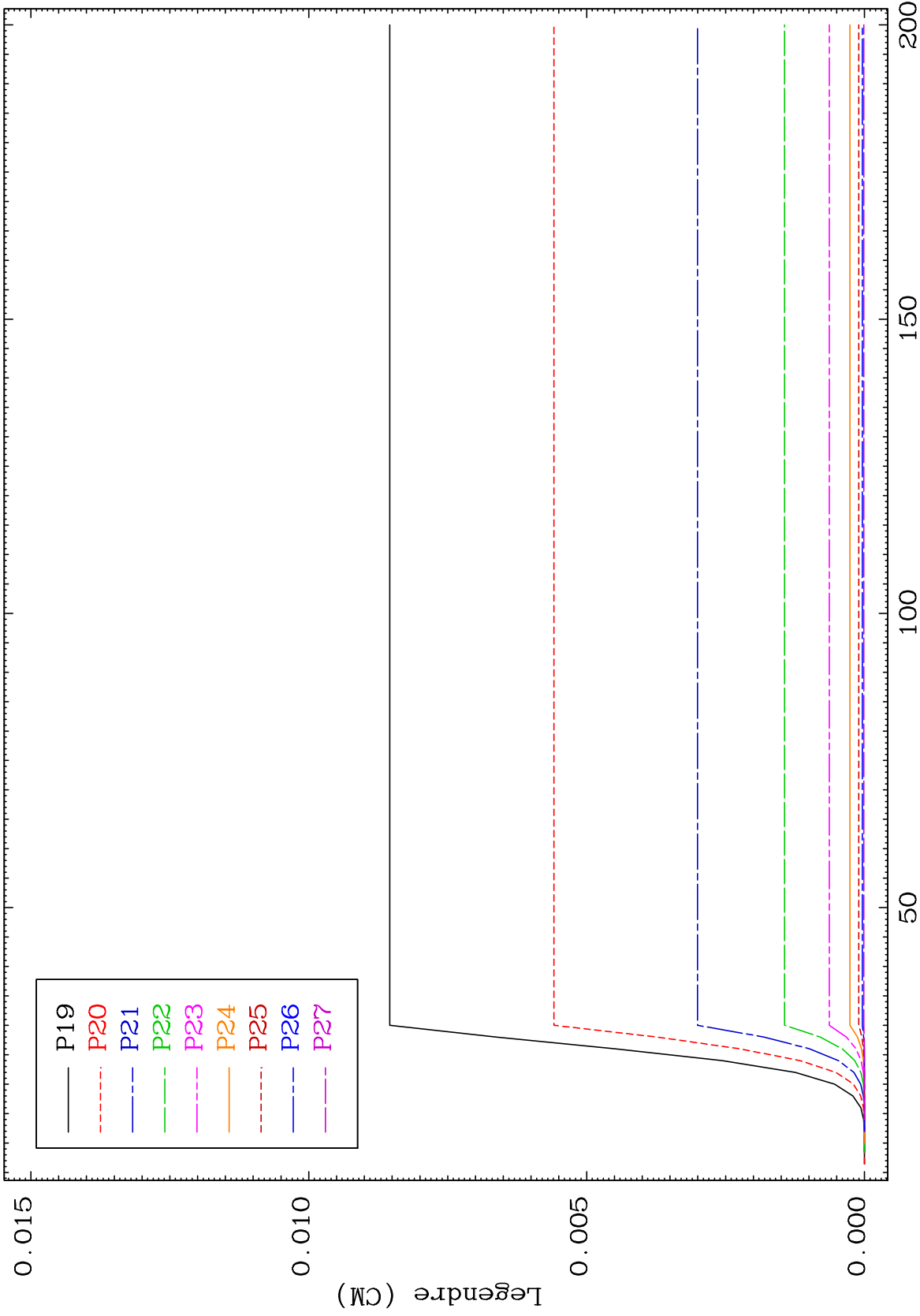
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



19

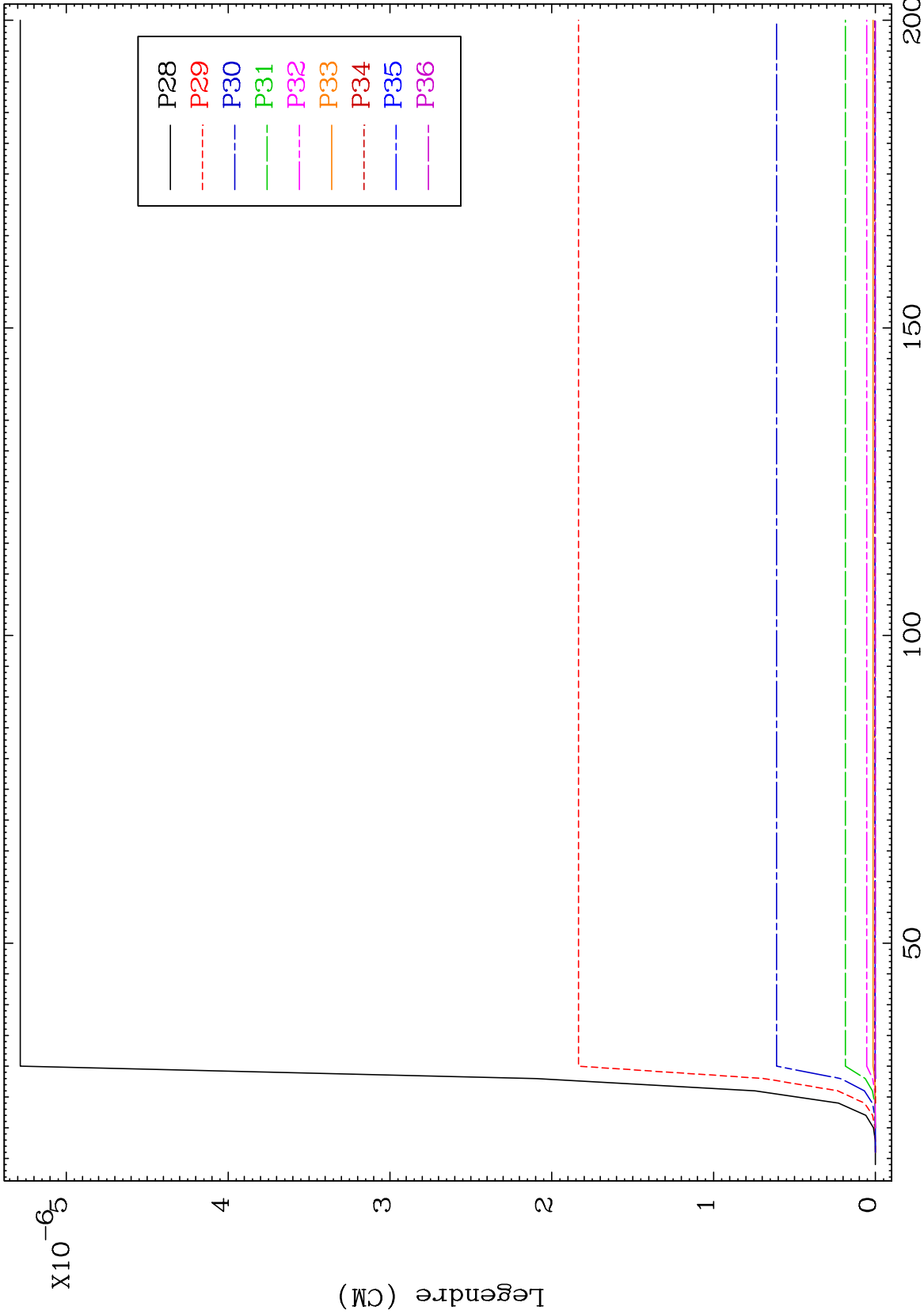
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



20

Incident Energy (MeV)

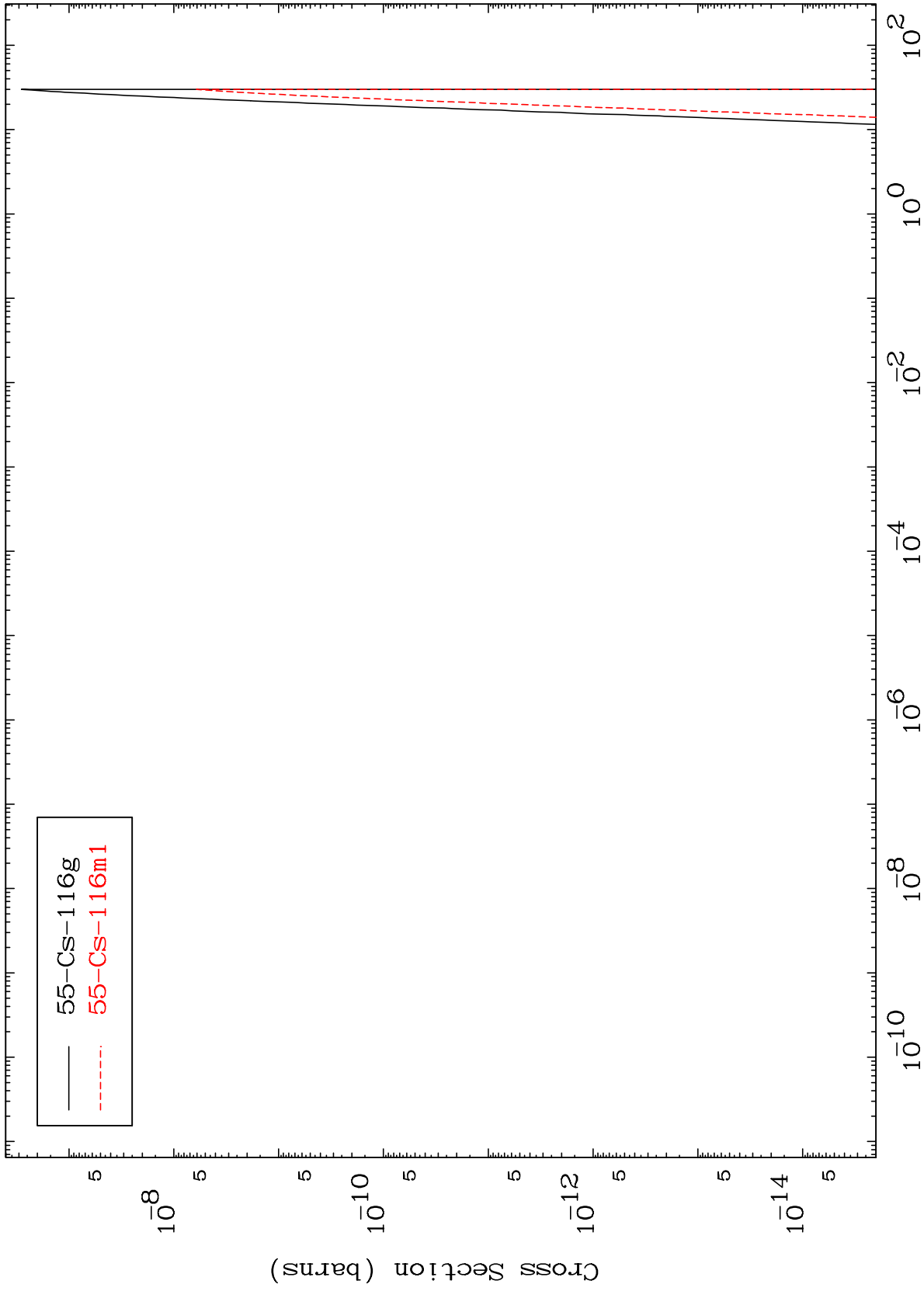
61-Pm-127

MAT 6089

(n,3α)

61-Pm-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

61-Pm-127