

Program EVALPLOT
(Version 2015-2)

by

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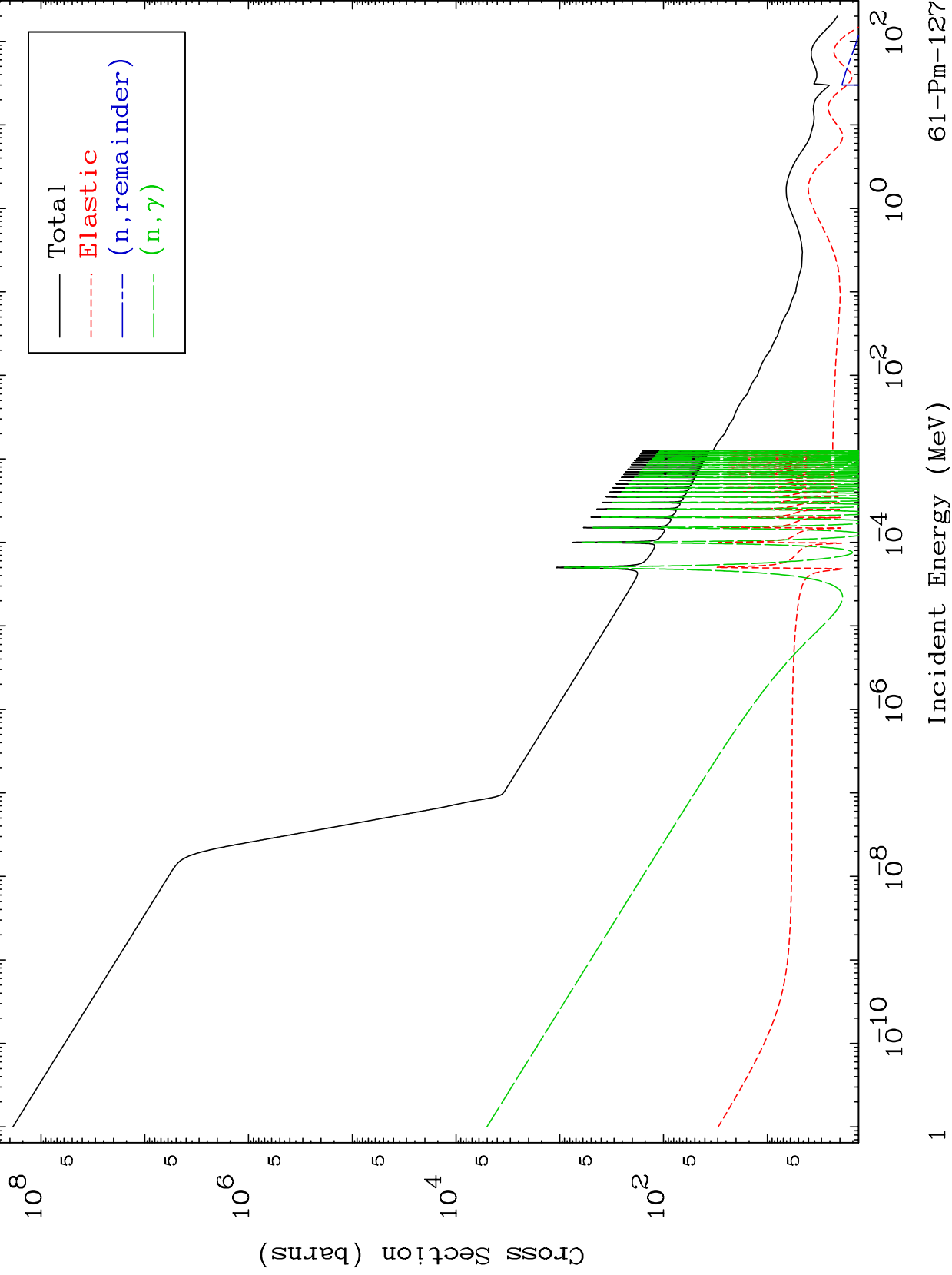
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6089

Major
293 Kelvin Cross Sections

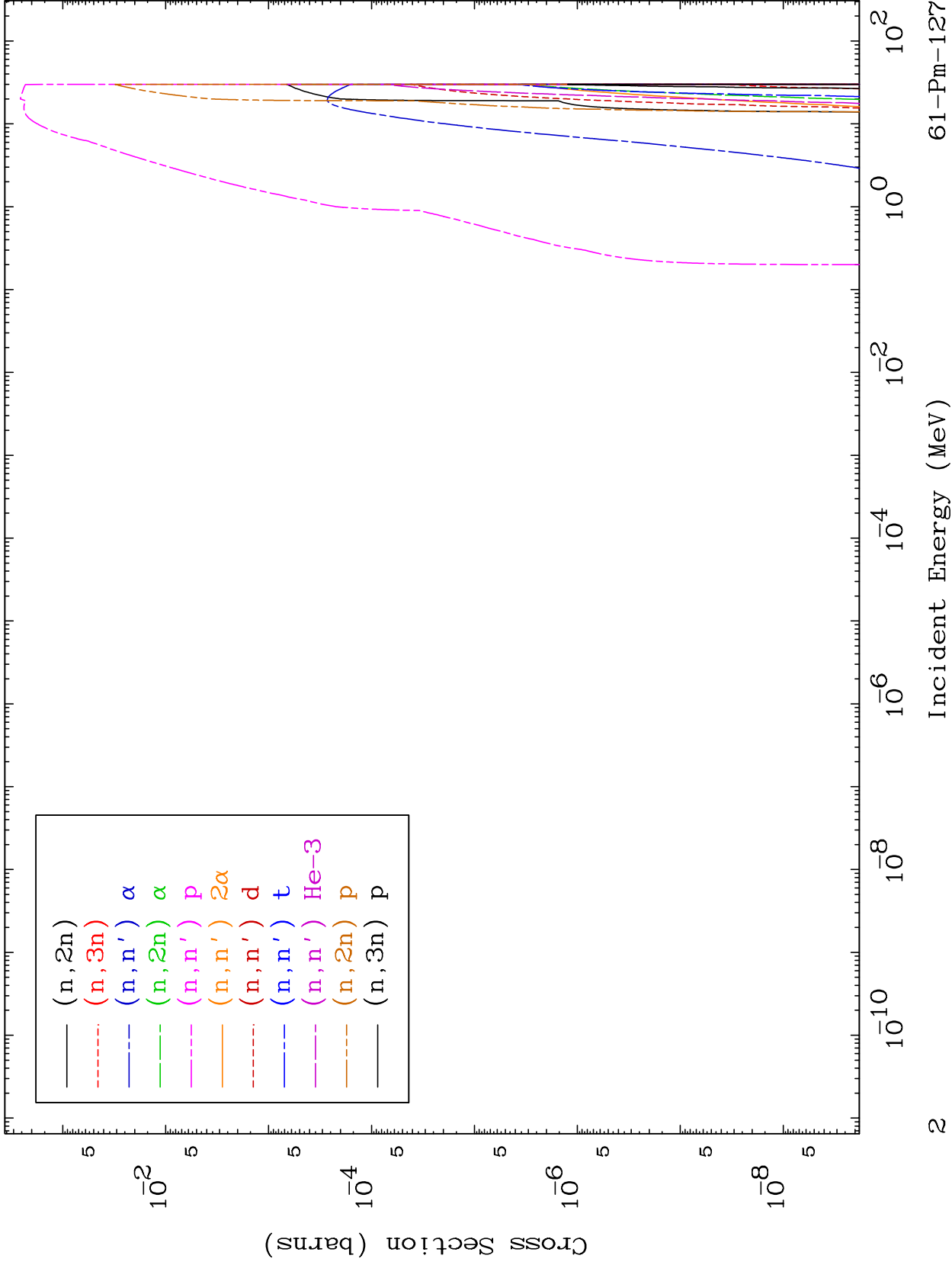
61-Pm-127



MAT 6089

Neutron Production
293 Kelvin Cross Sections

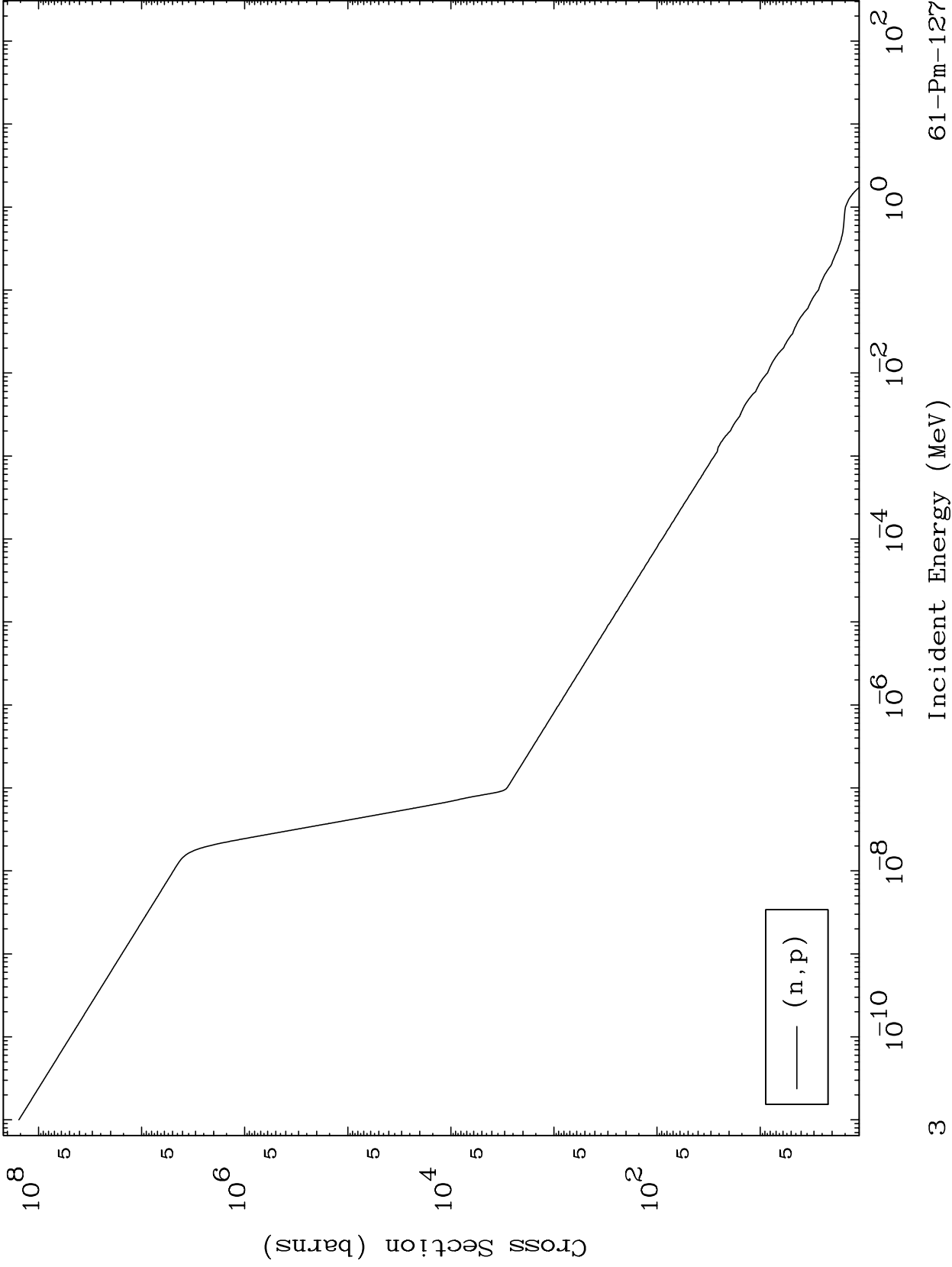
61-Pm-127

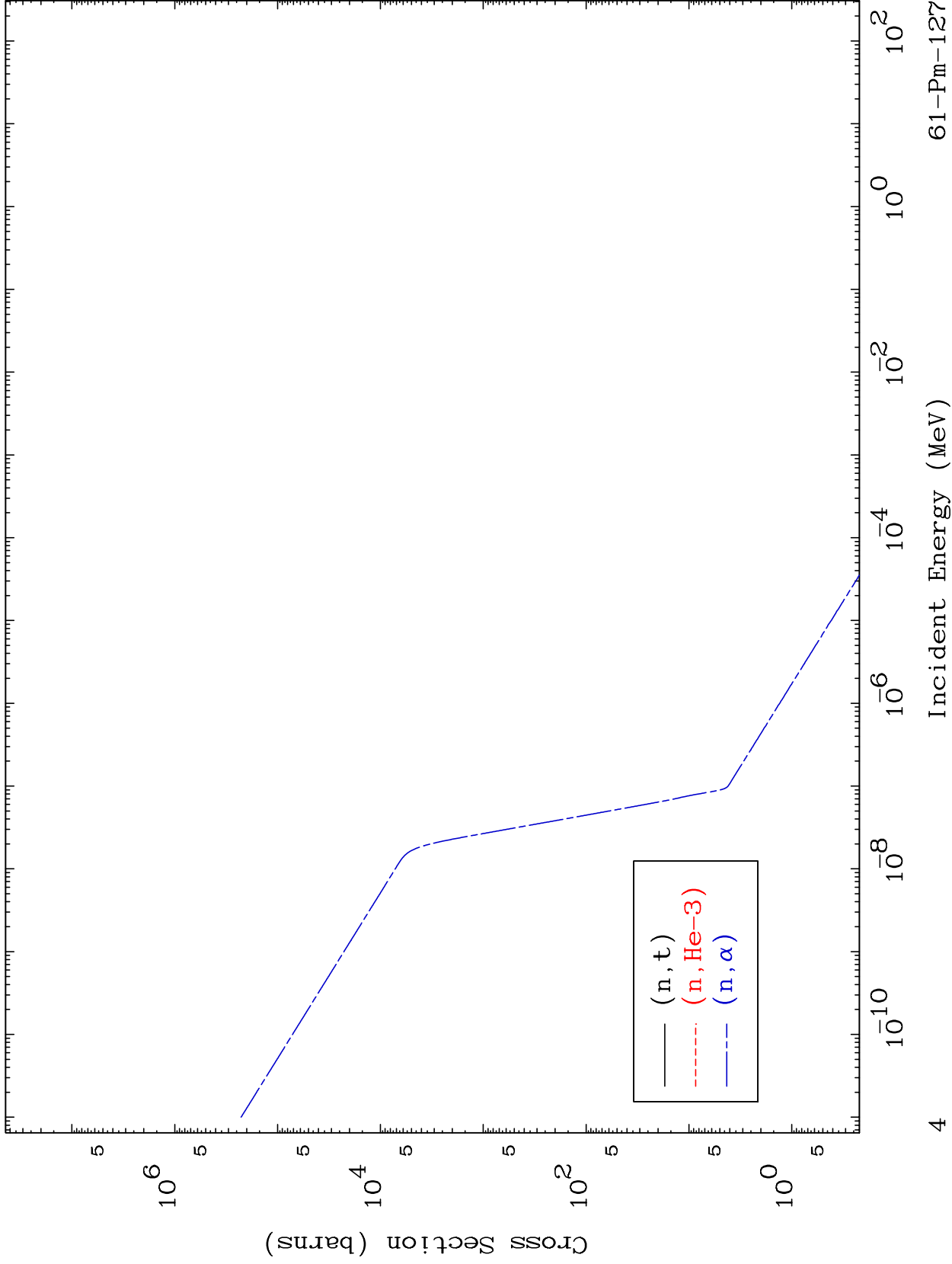


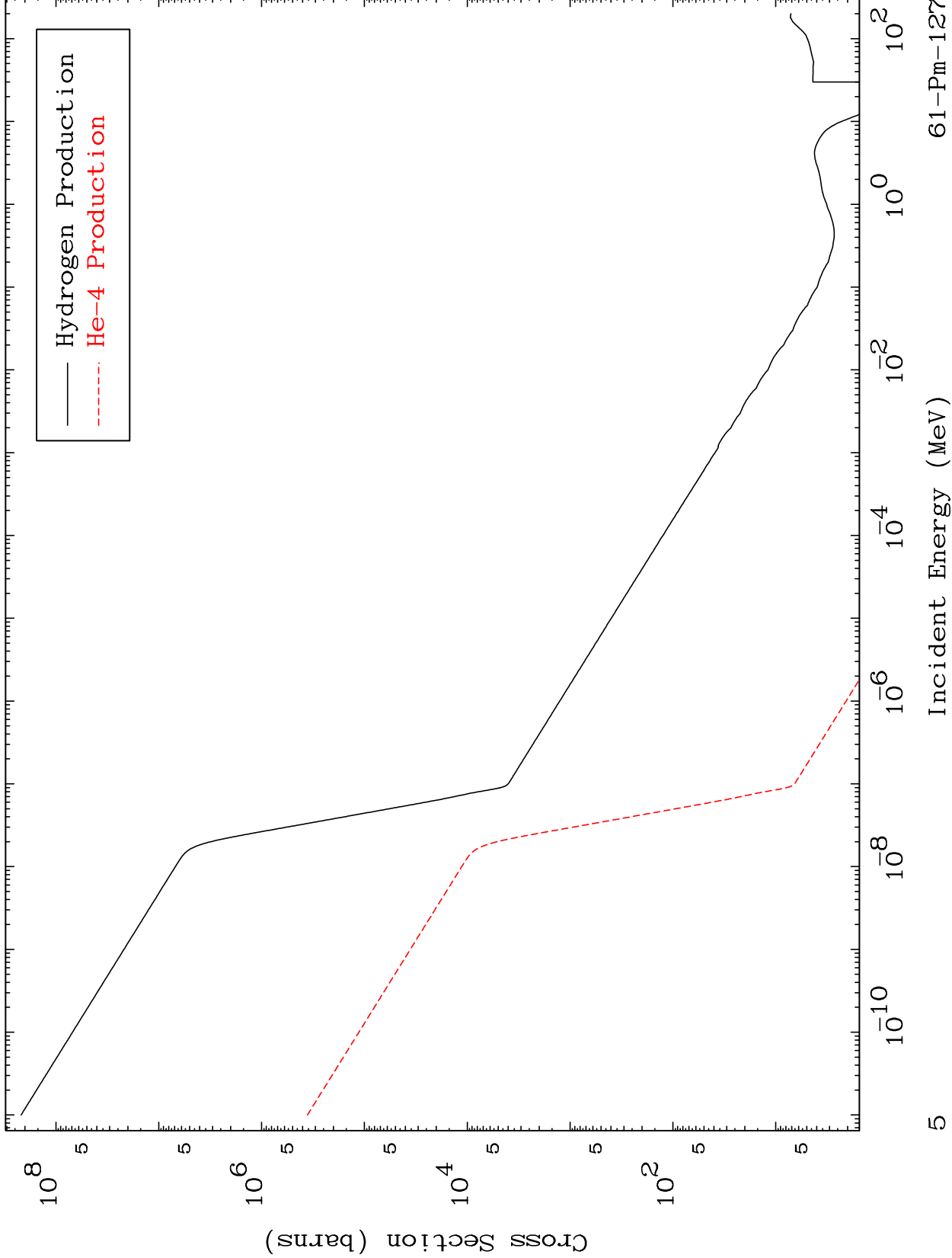
MAT 6089

Charged Particle
293 Kelvin Cross Sections

61-Pm-127





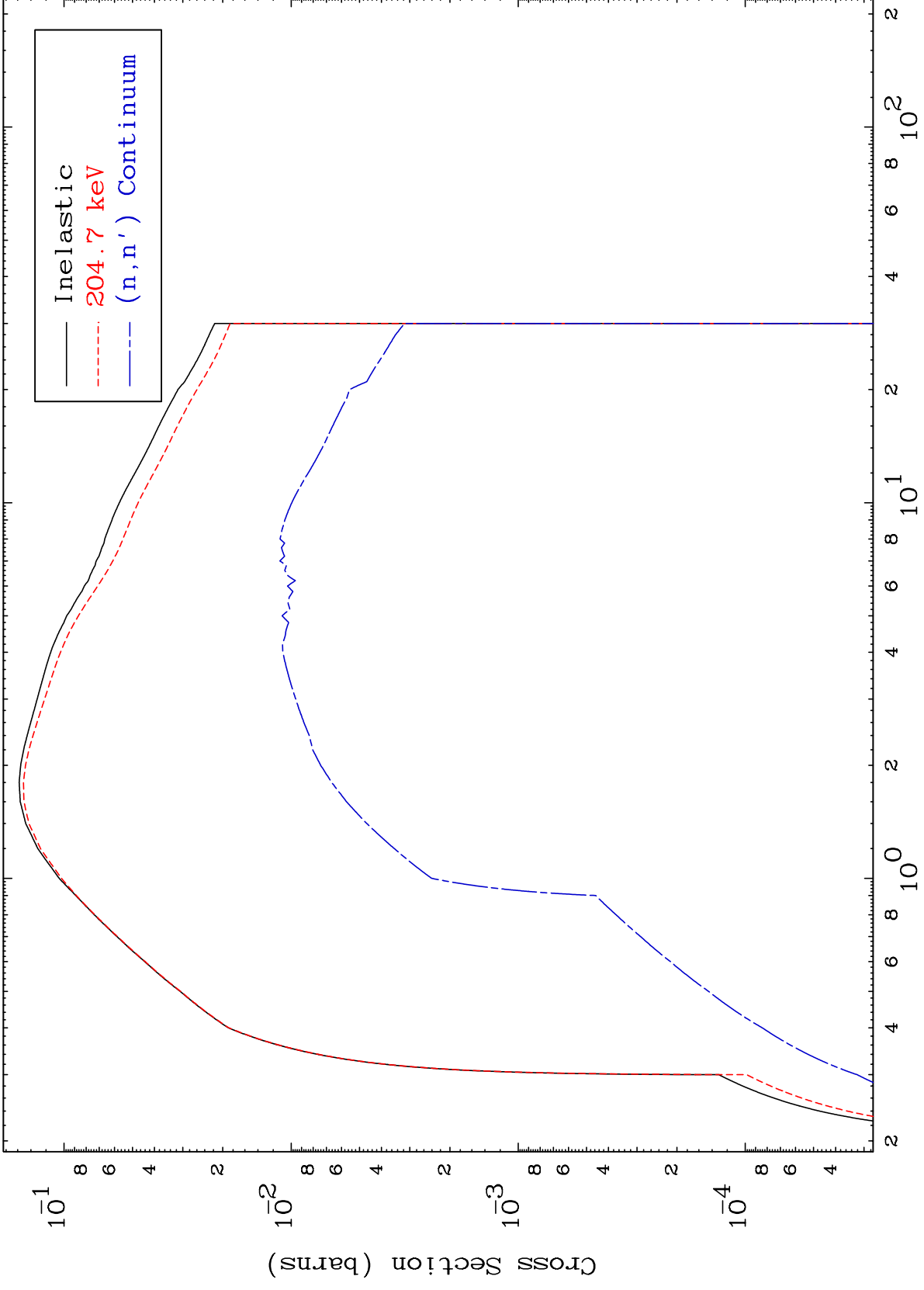


MAT 6089

(n,n') Level

61-Pm-127

293 Kelvin Cross Sections



6

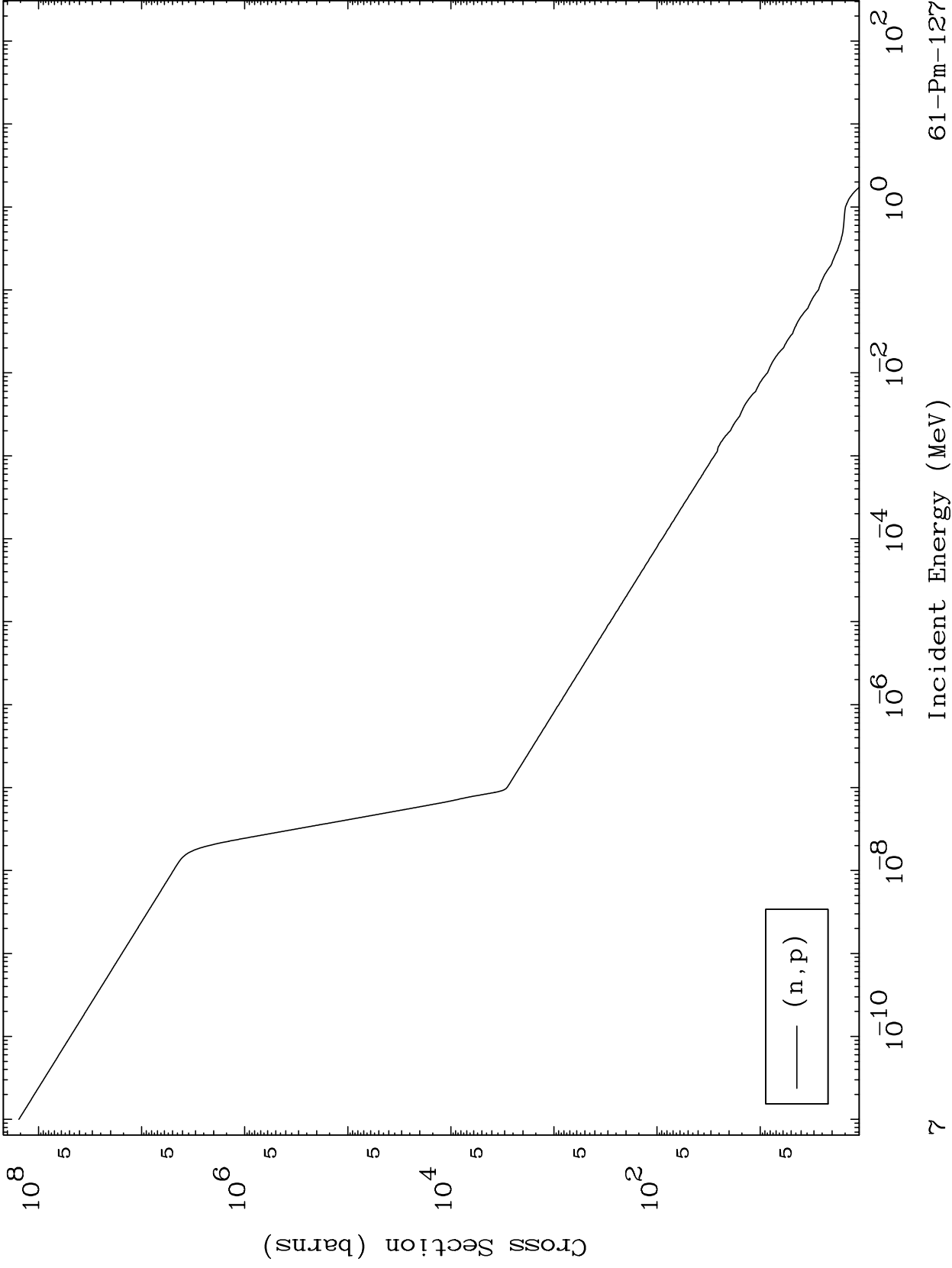
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,p) Levels
293 Kelvin Cross Sections

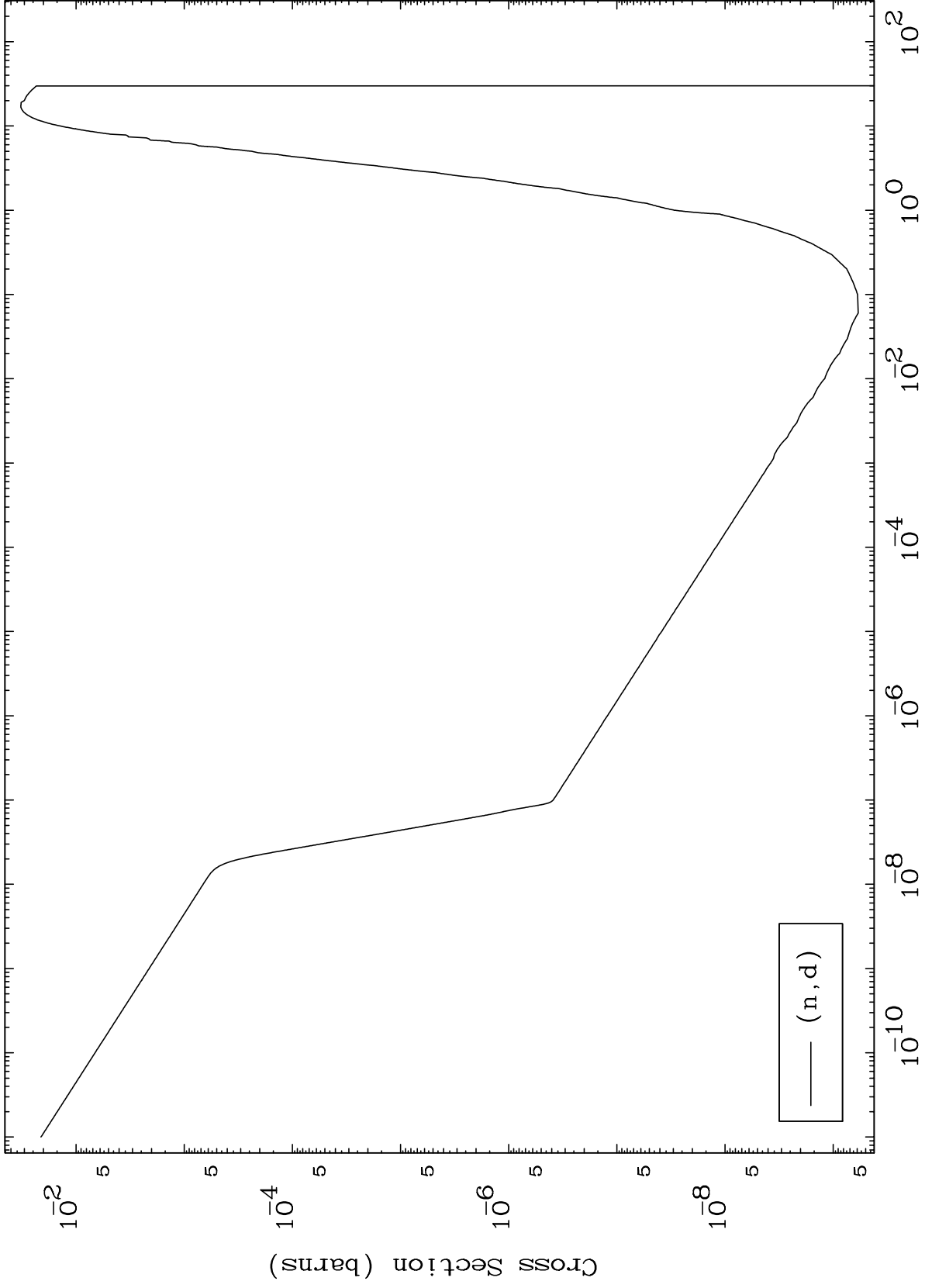
61-Pm-127



MAT 6089

(n,d) Levels
293 Kelvin Cross Sections

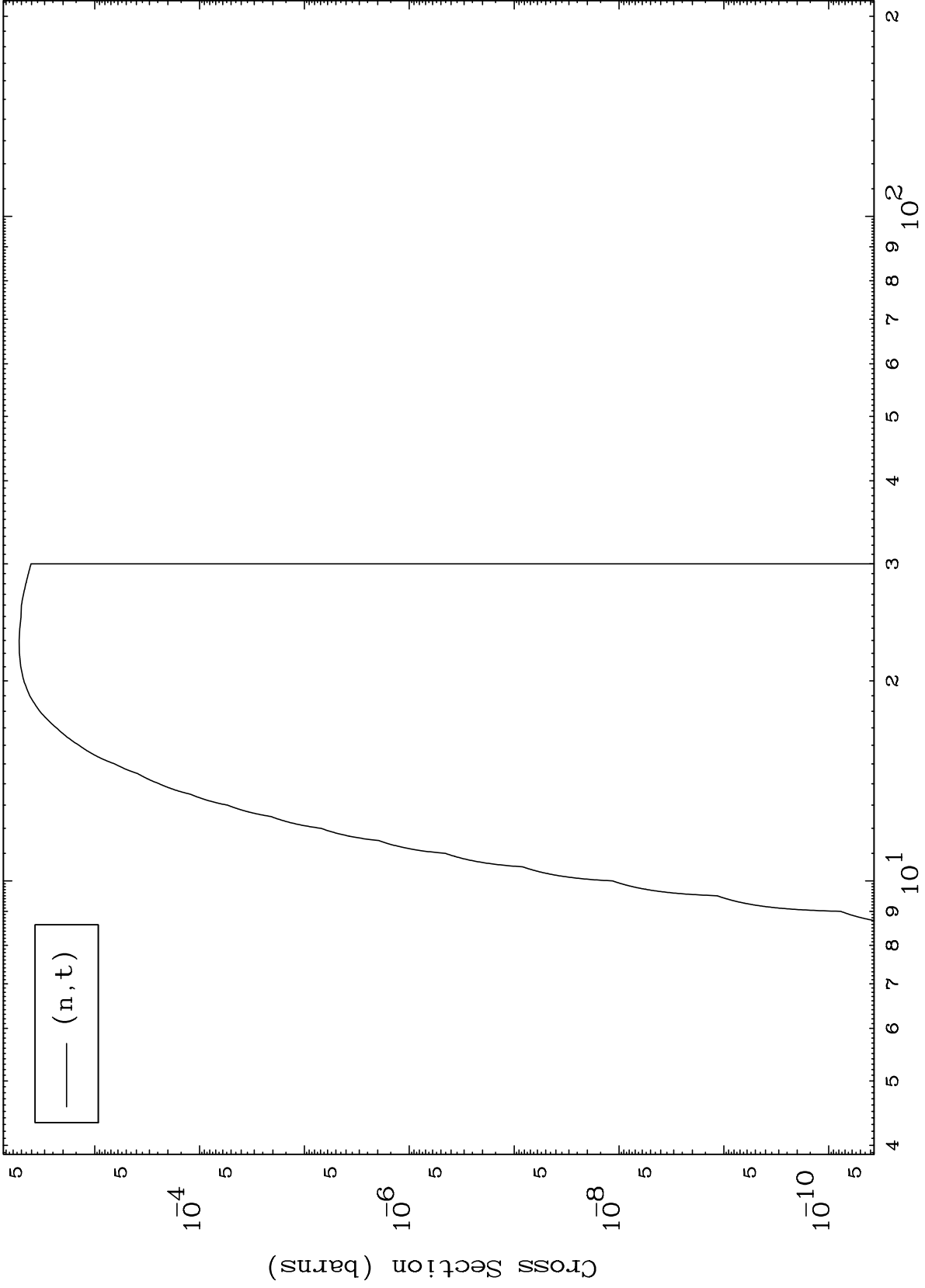
61-Pm-127



MAT 6089

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-127



9

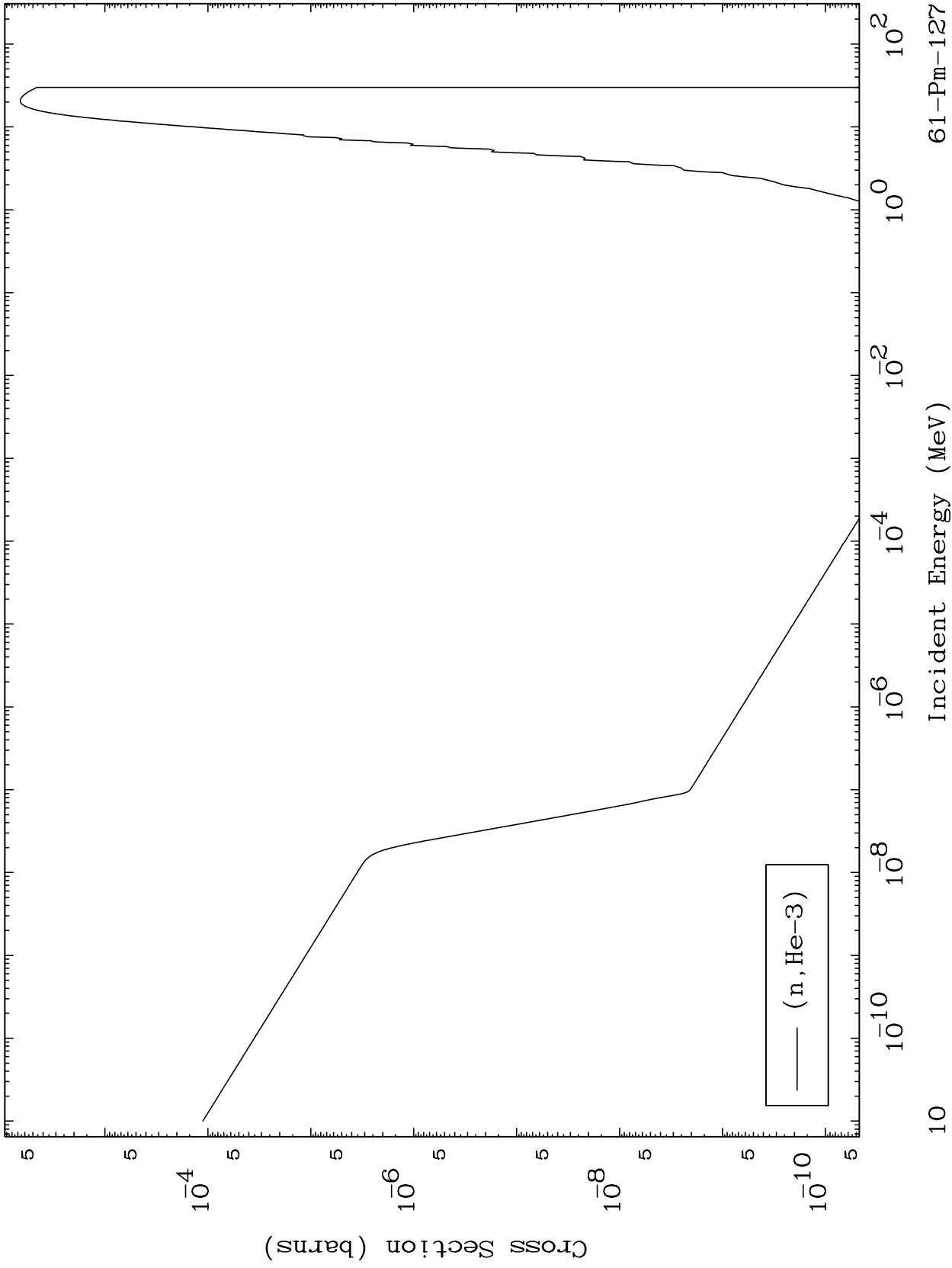
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-127



10

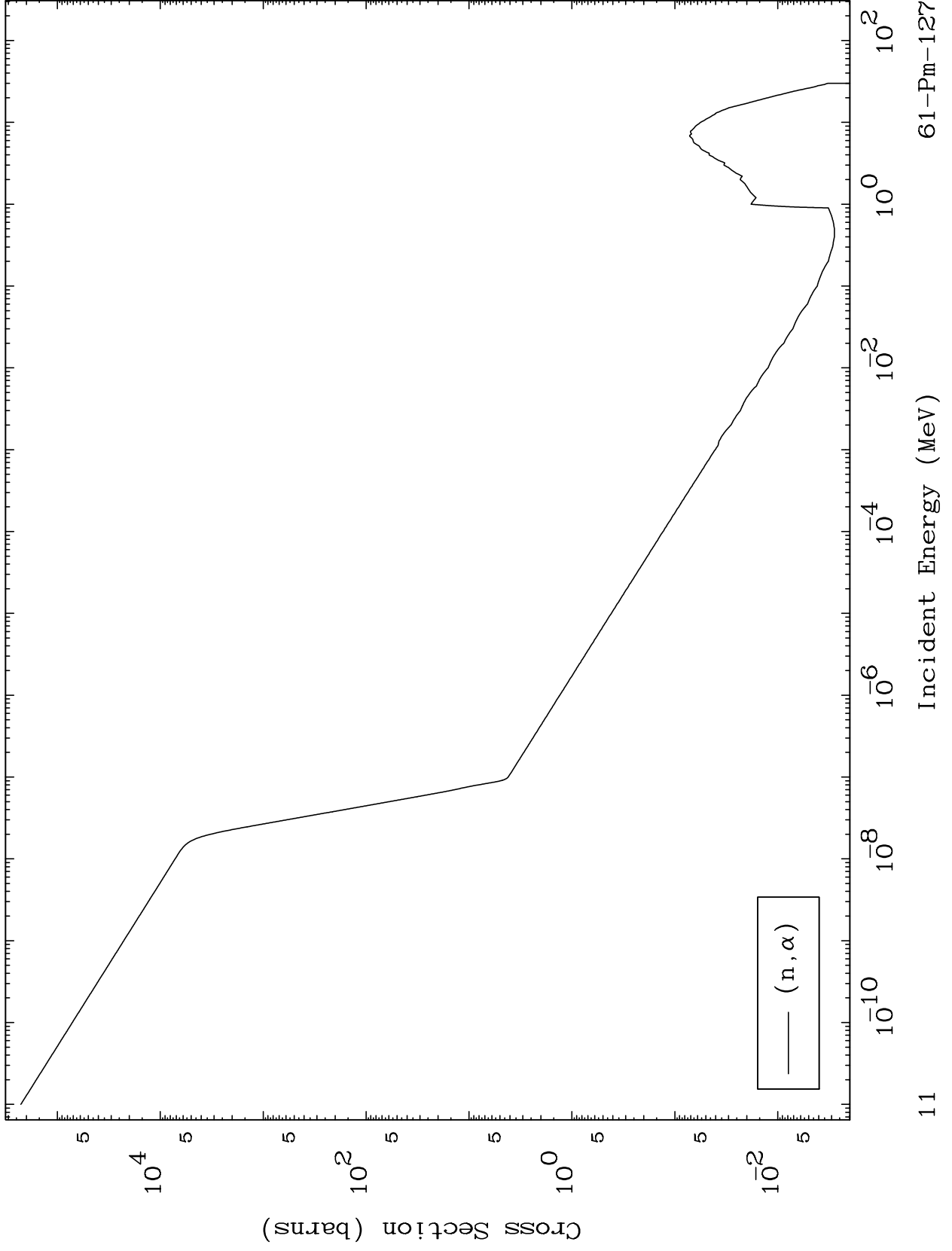
Incident Energy (MeV)

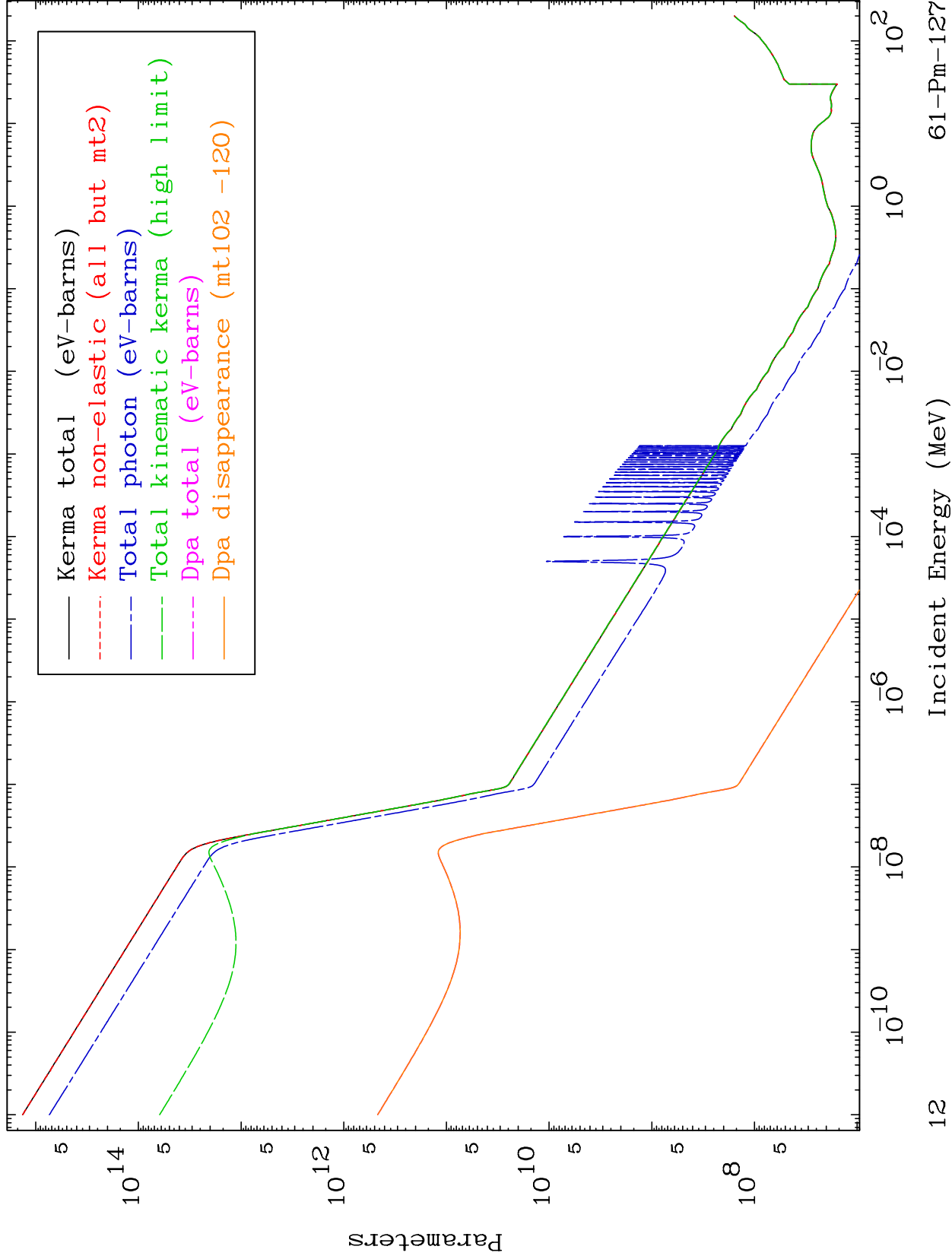
61-Pm-127

MAT 6089

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-127

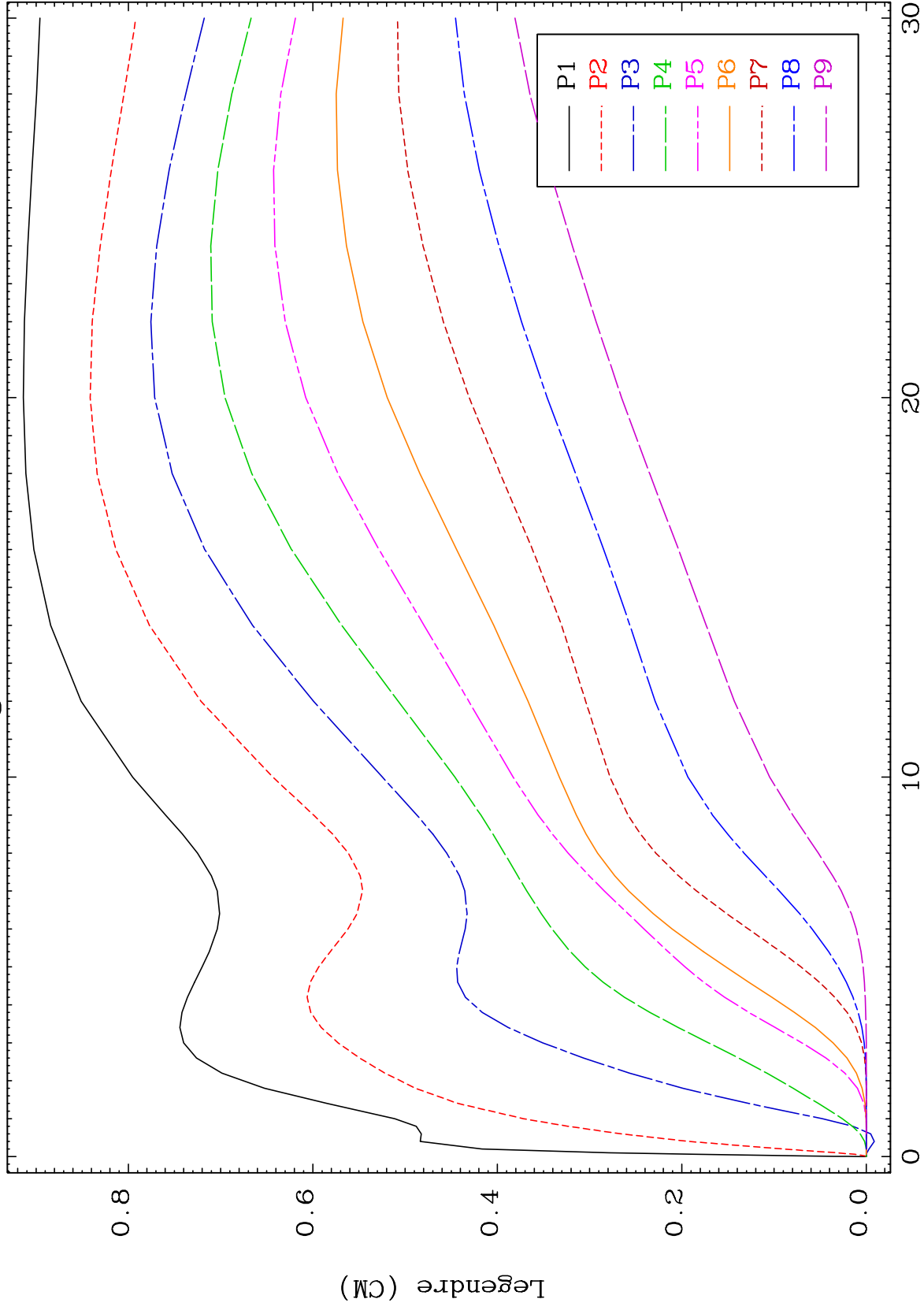




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Elastic Legendre Coefficients

61-Pm-127



13

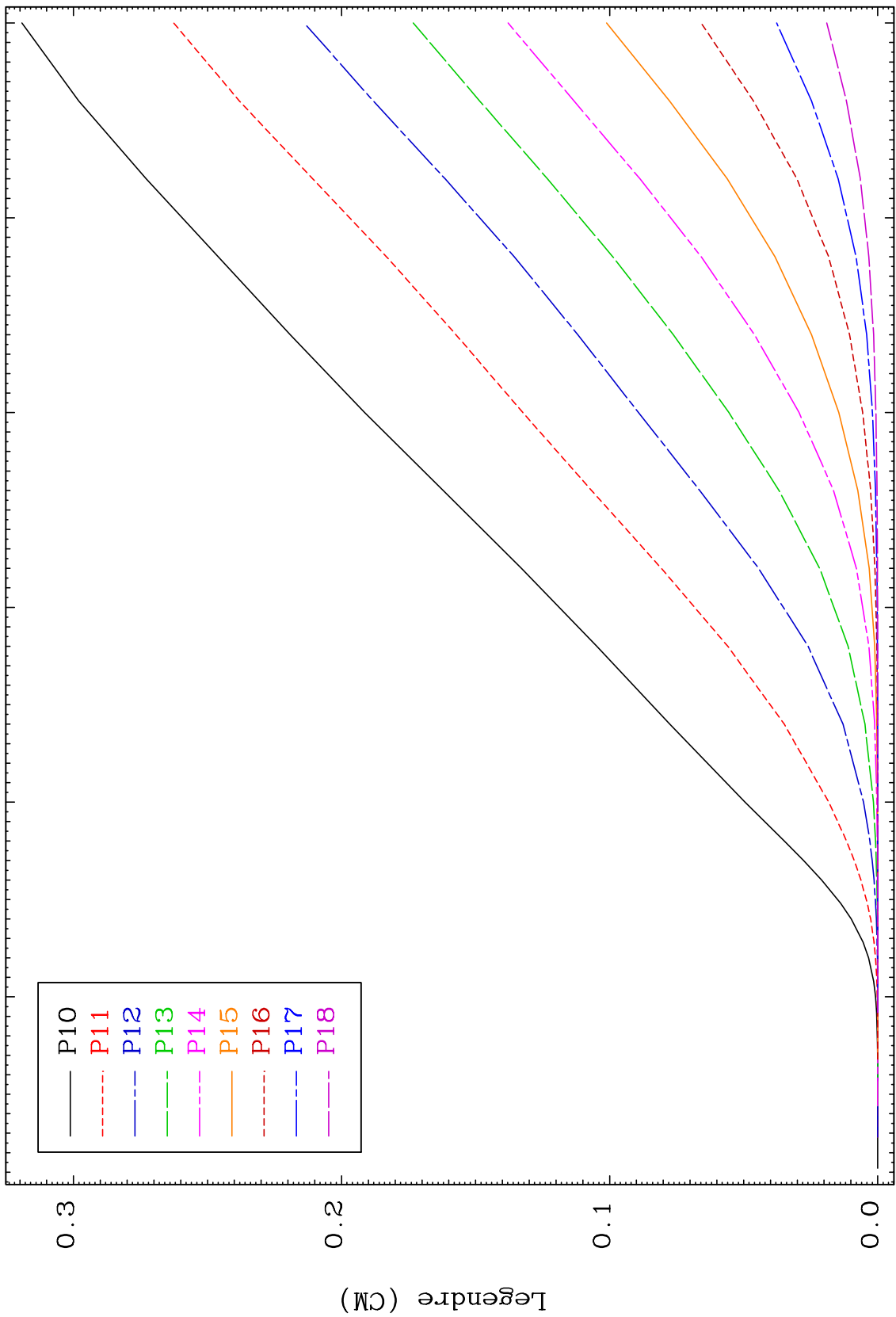
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



14

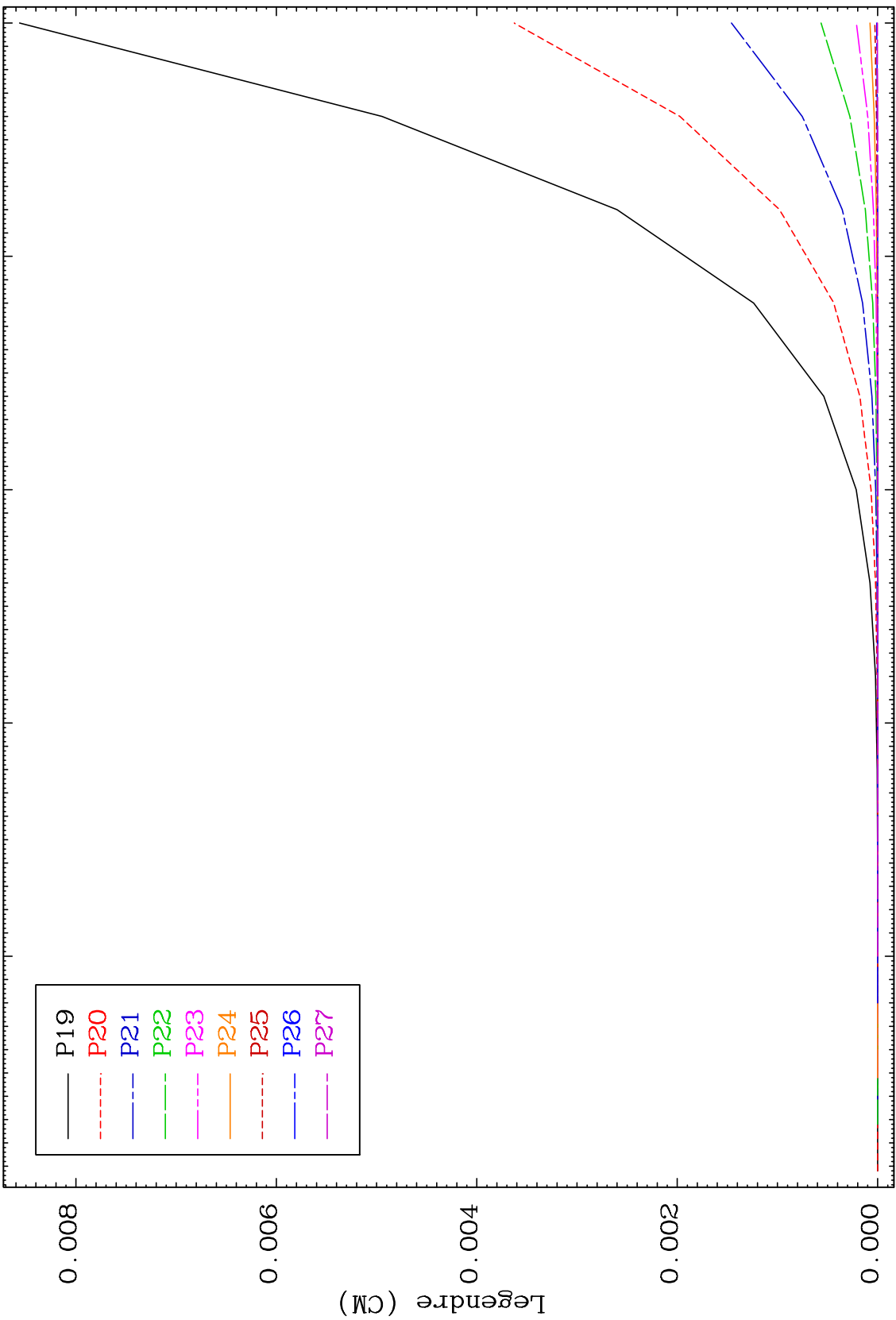
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



15

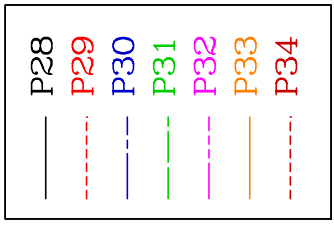
Incident Energy (MeV)

61-Pm-127

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Elastic Legendre Coefficients

61-Pm-127



$\times 10^{-7}$

Legendre (CM)

10

15

20

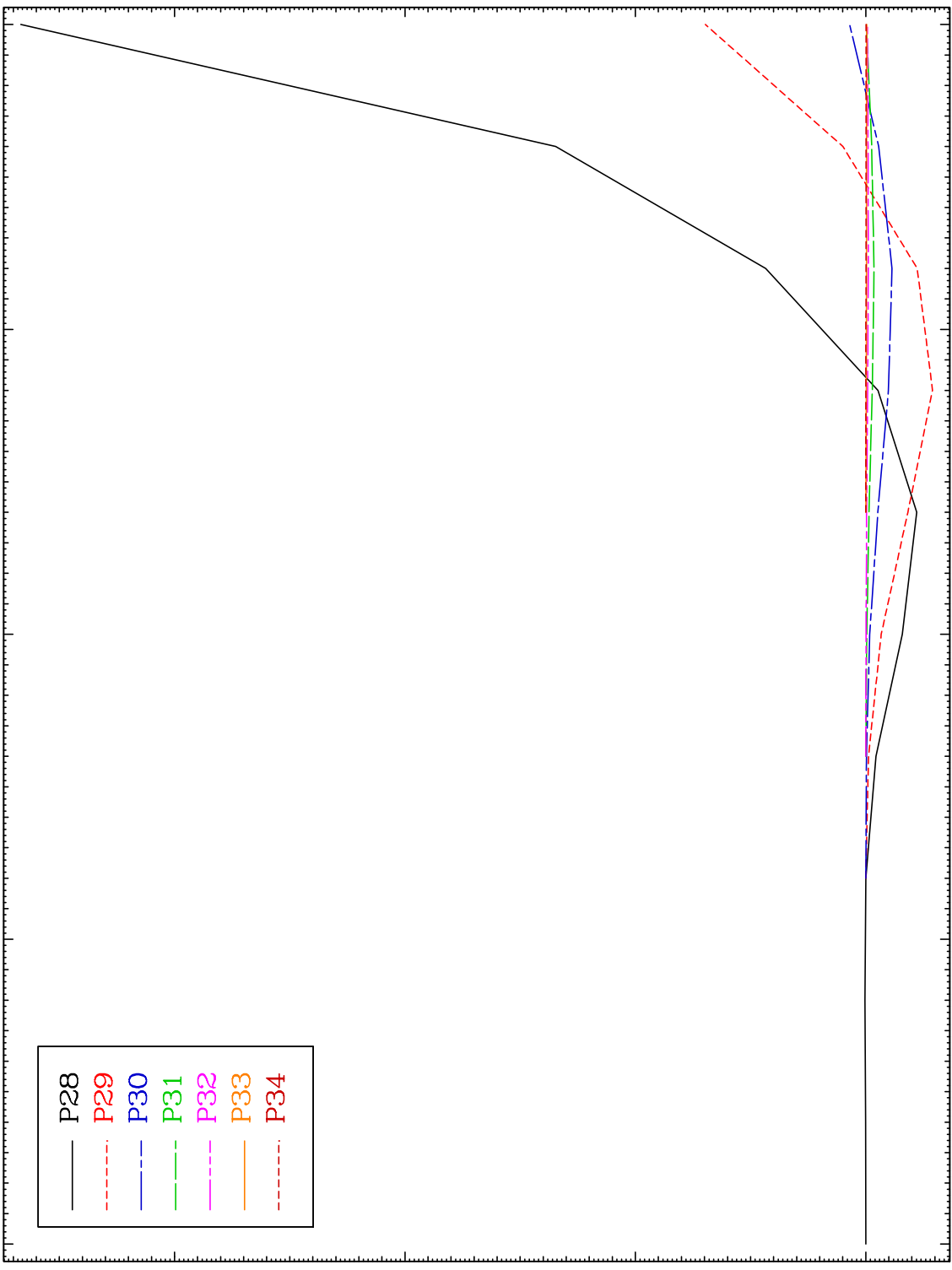
25

30

16

Incident Energy (MeV)

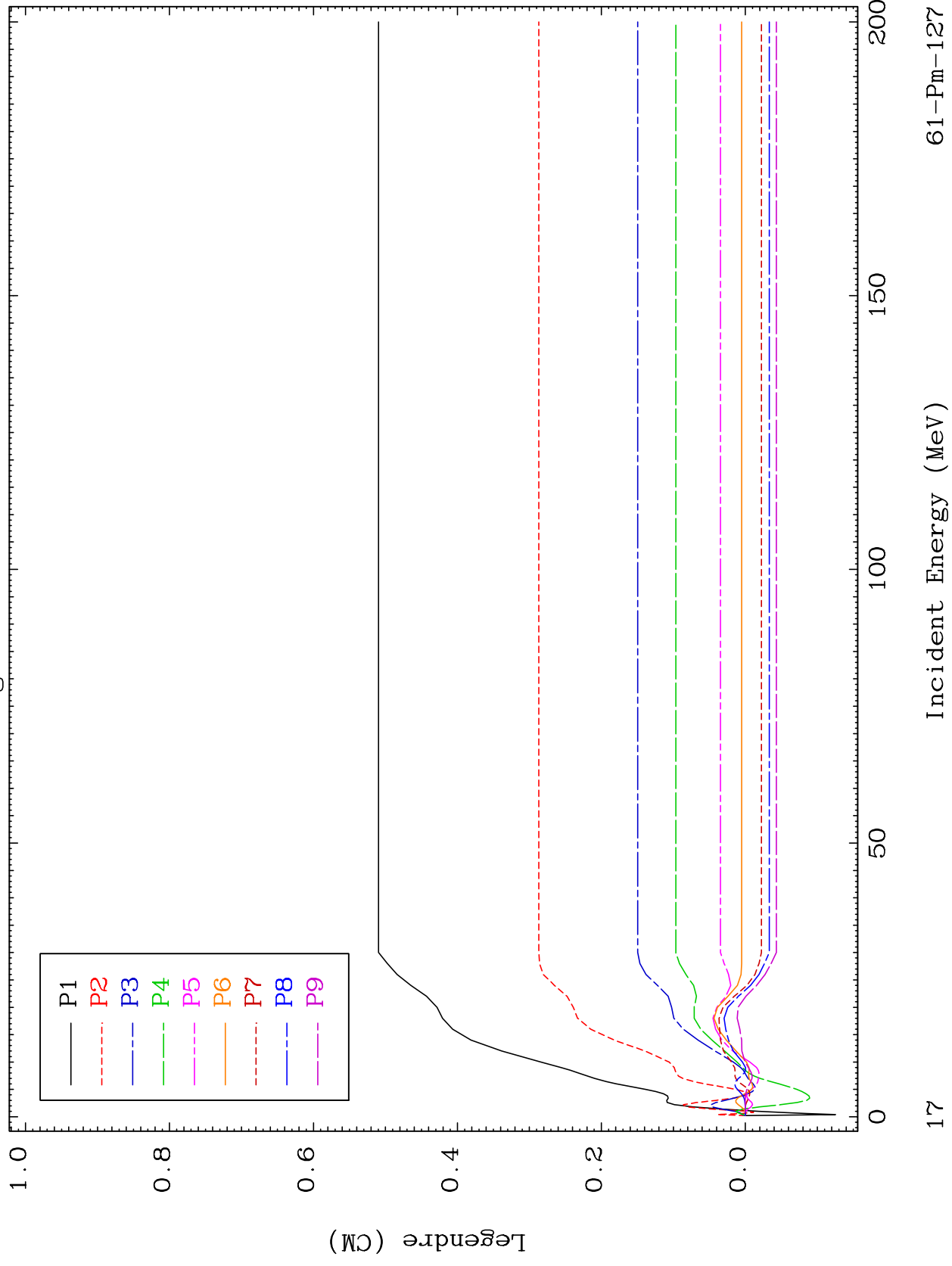
61-Pm-127



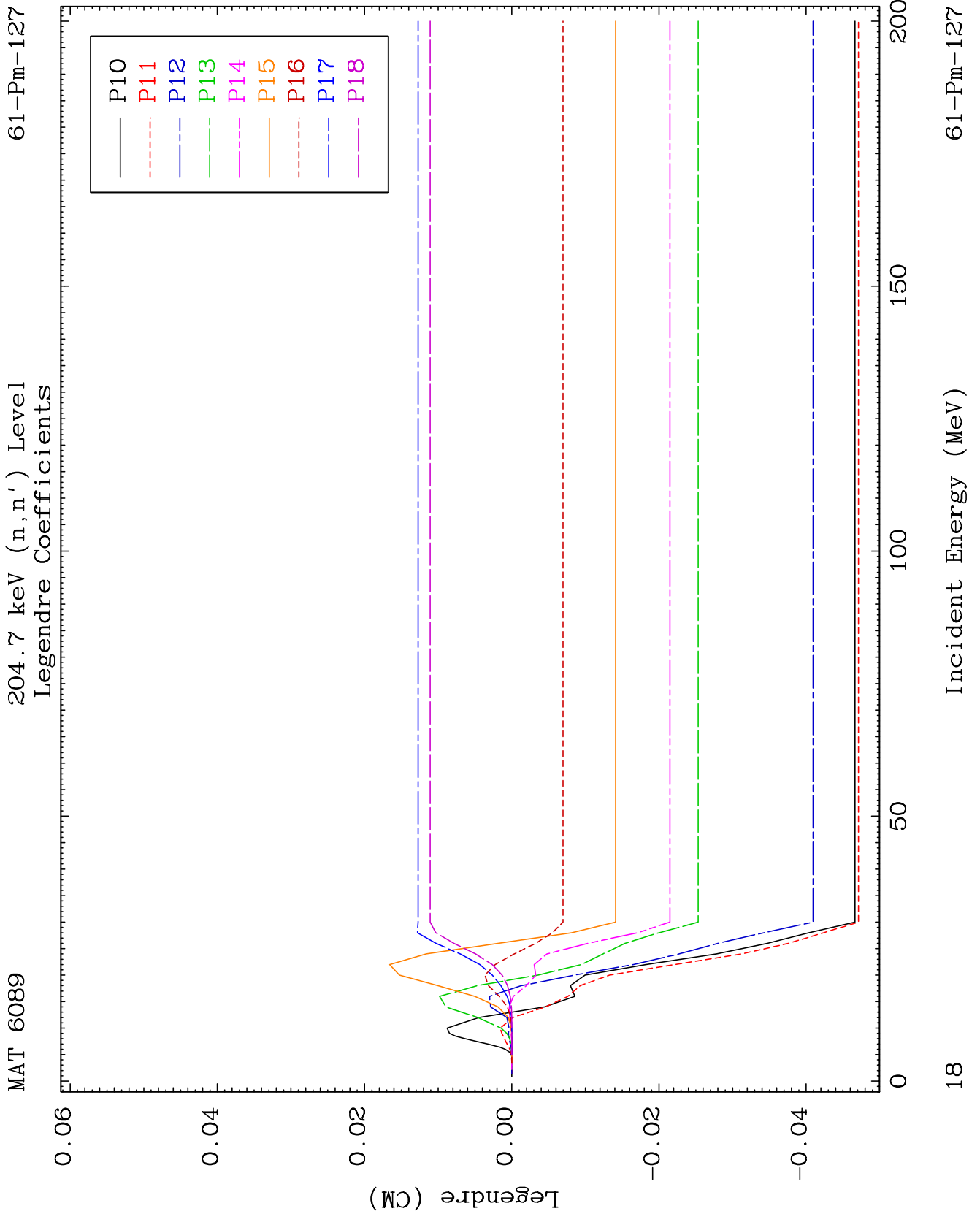
MAT 6089

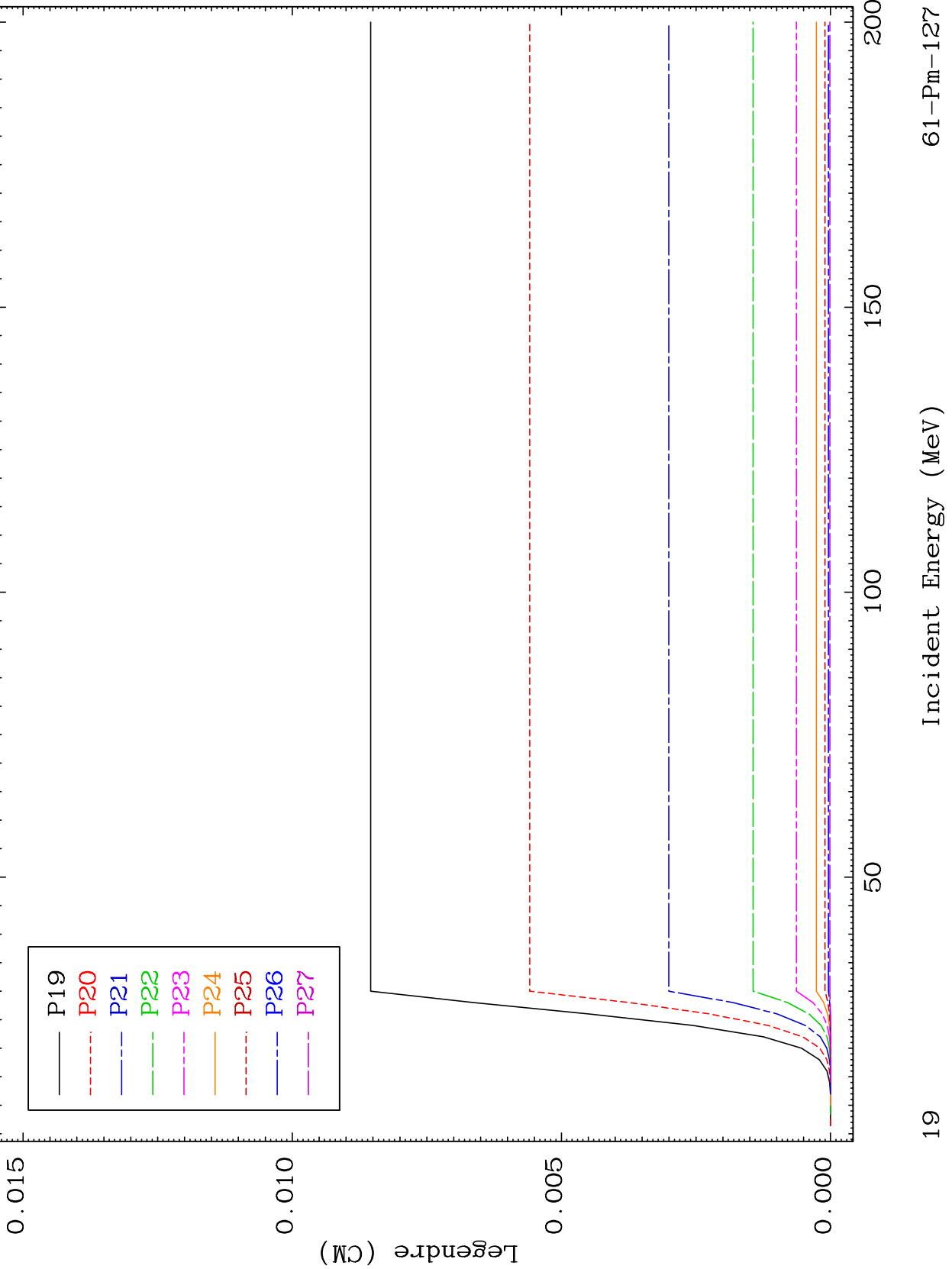
204.7 keV (n,n') Level
Legendre Coefficients

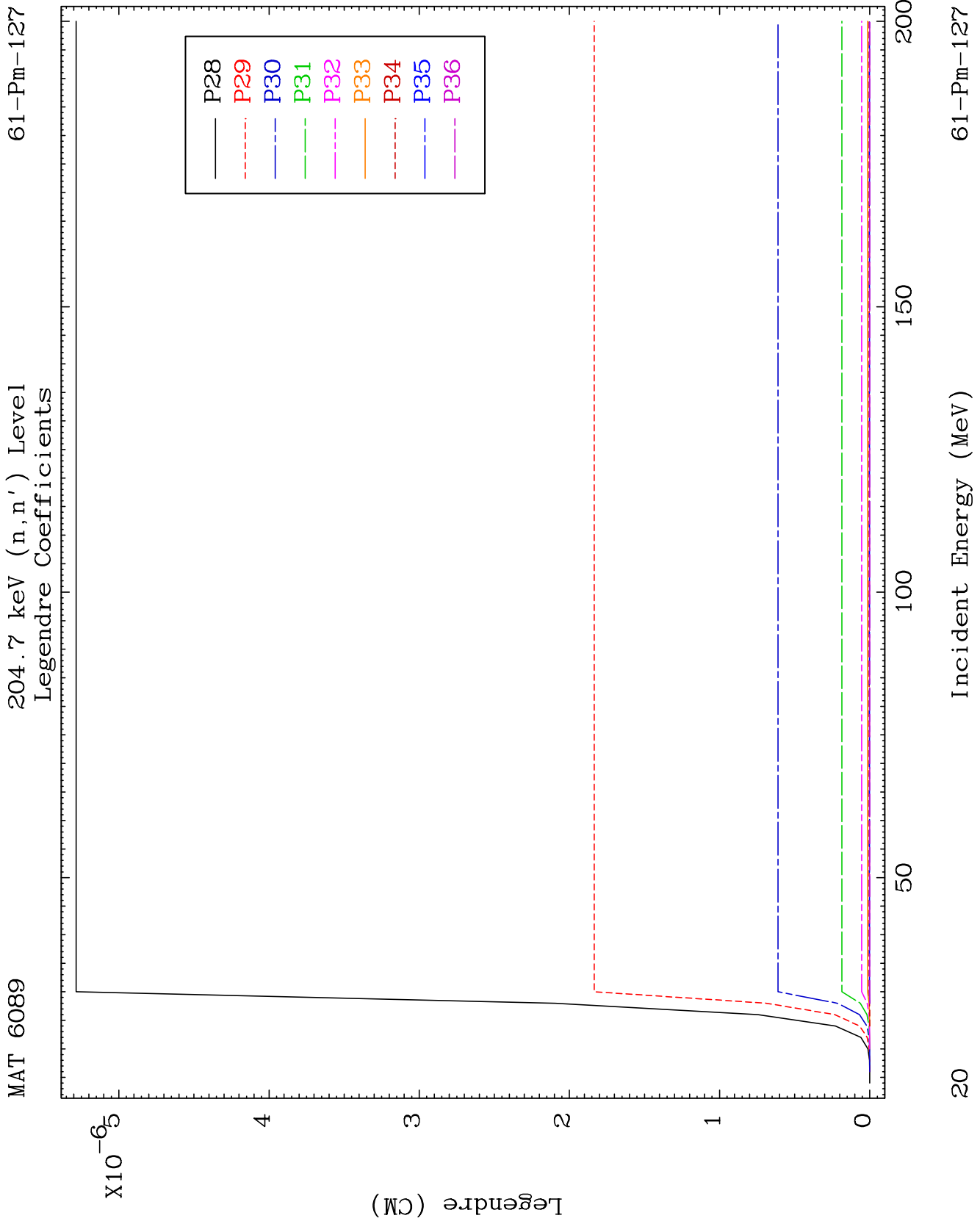
61-Pm-127



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(n, 3α)

61-Pm-127

Radionuclide Production Cross Section

