

Program EVALPLOT
(Version 2021-1)

by

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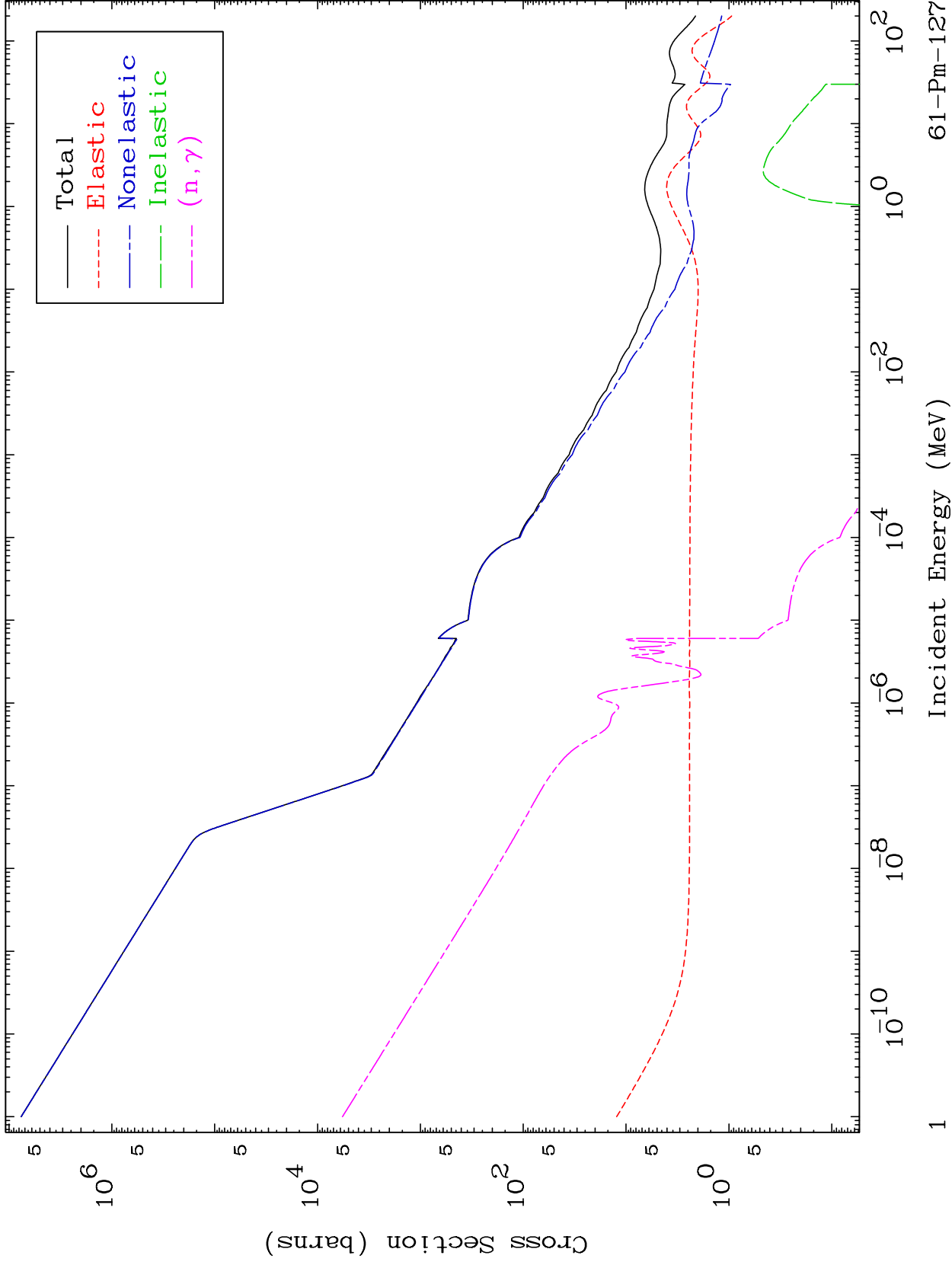
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6089

Neutron Major
293 Kelvin Cross Sections

61-Pm-127



61-Pm-127

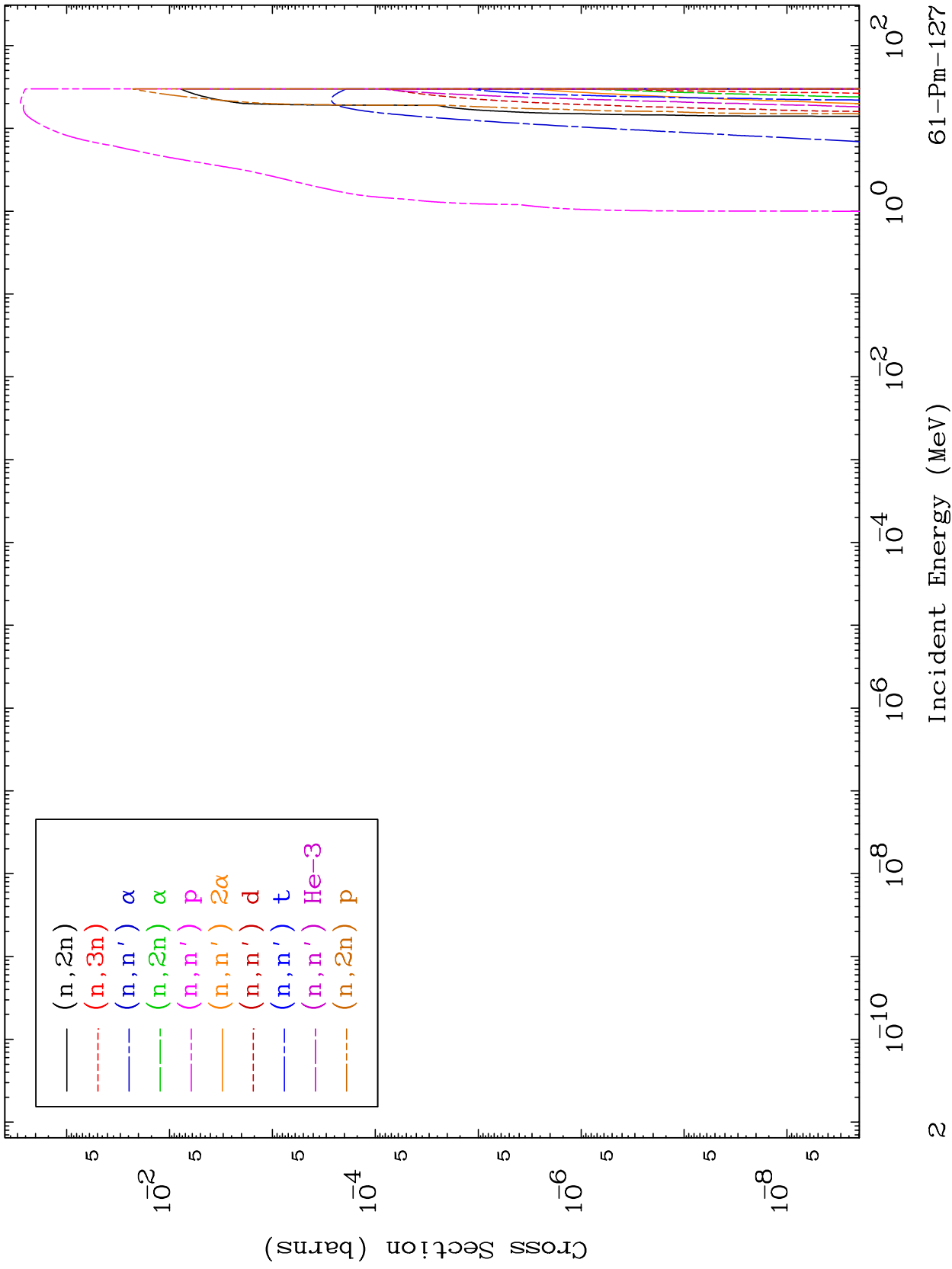
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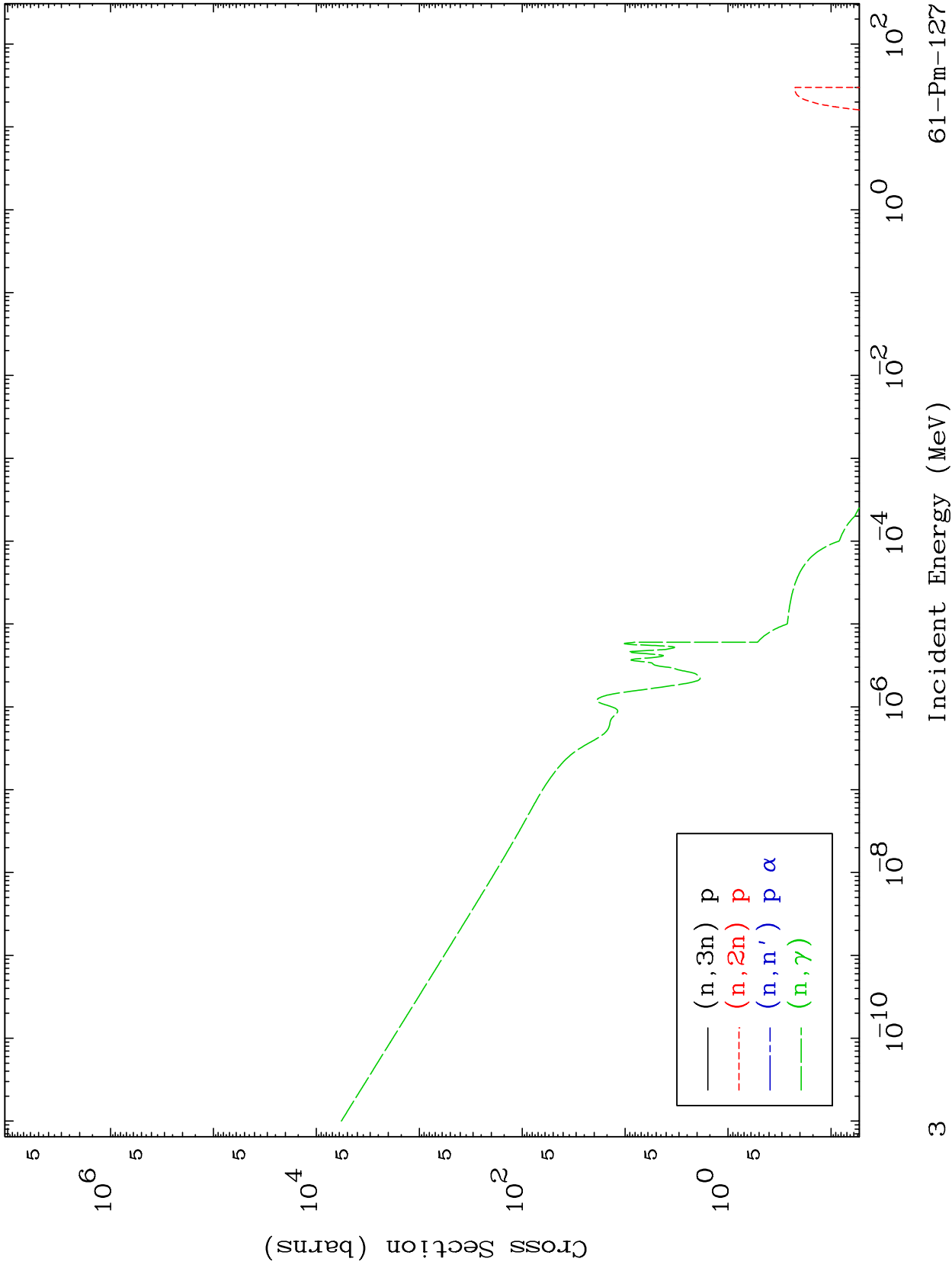
1

MAT 6089

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-127

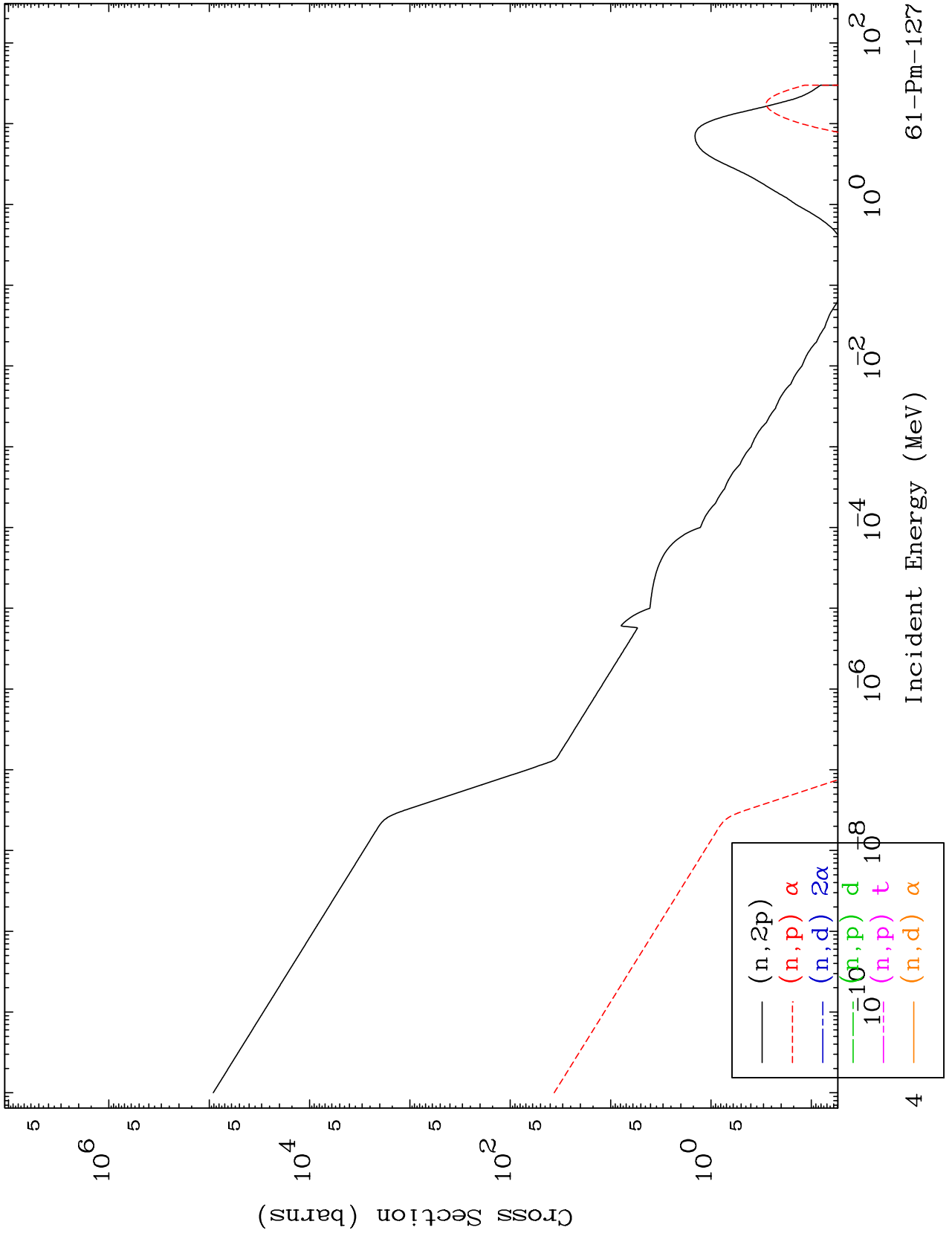




MAT 6089

Neutron Absorption
293 Kelvin Cross Sections

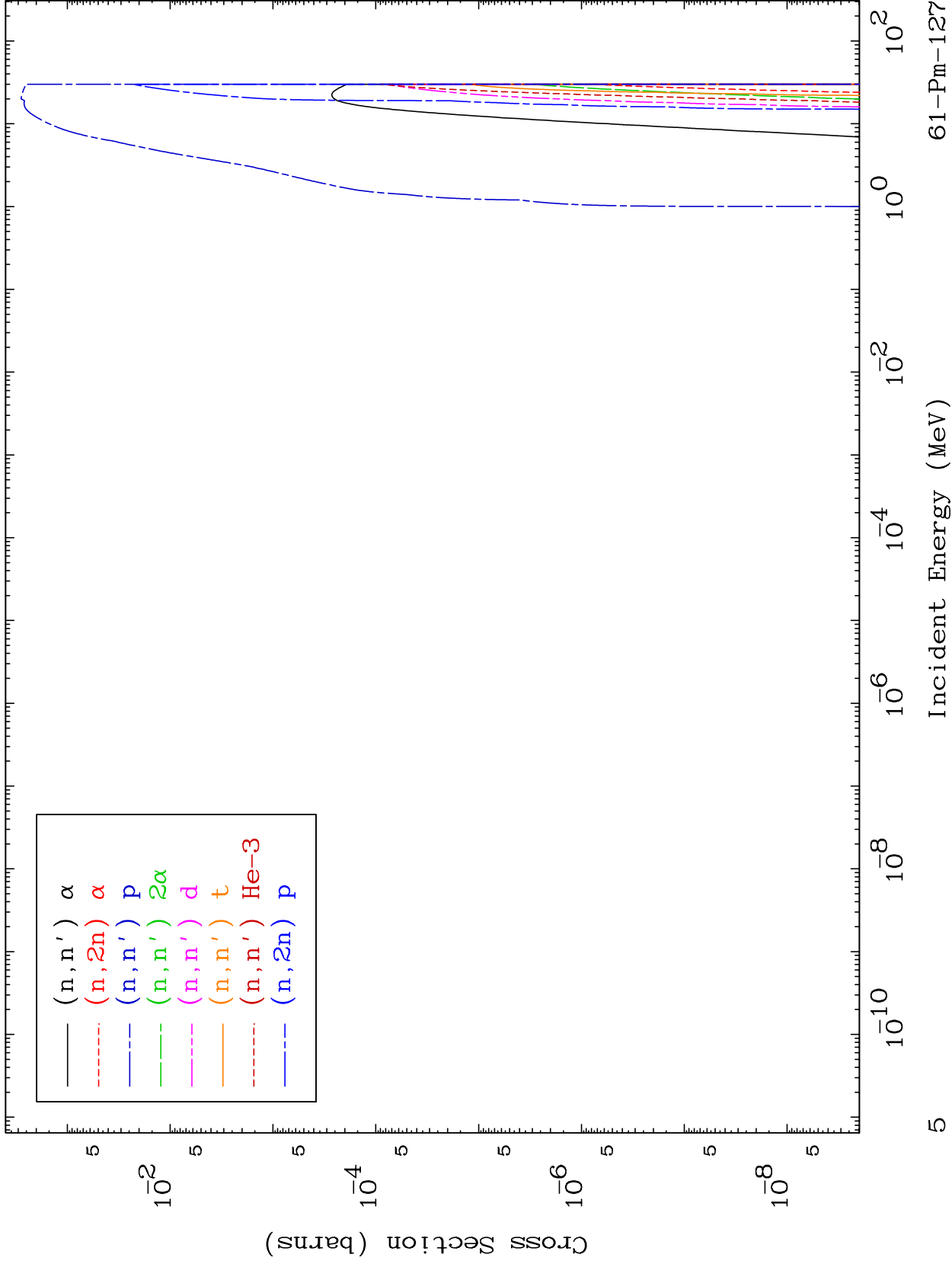
61-Pm-127



MAT 6089

Charged Particle
293 Kelvin Cross Sections

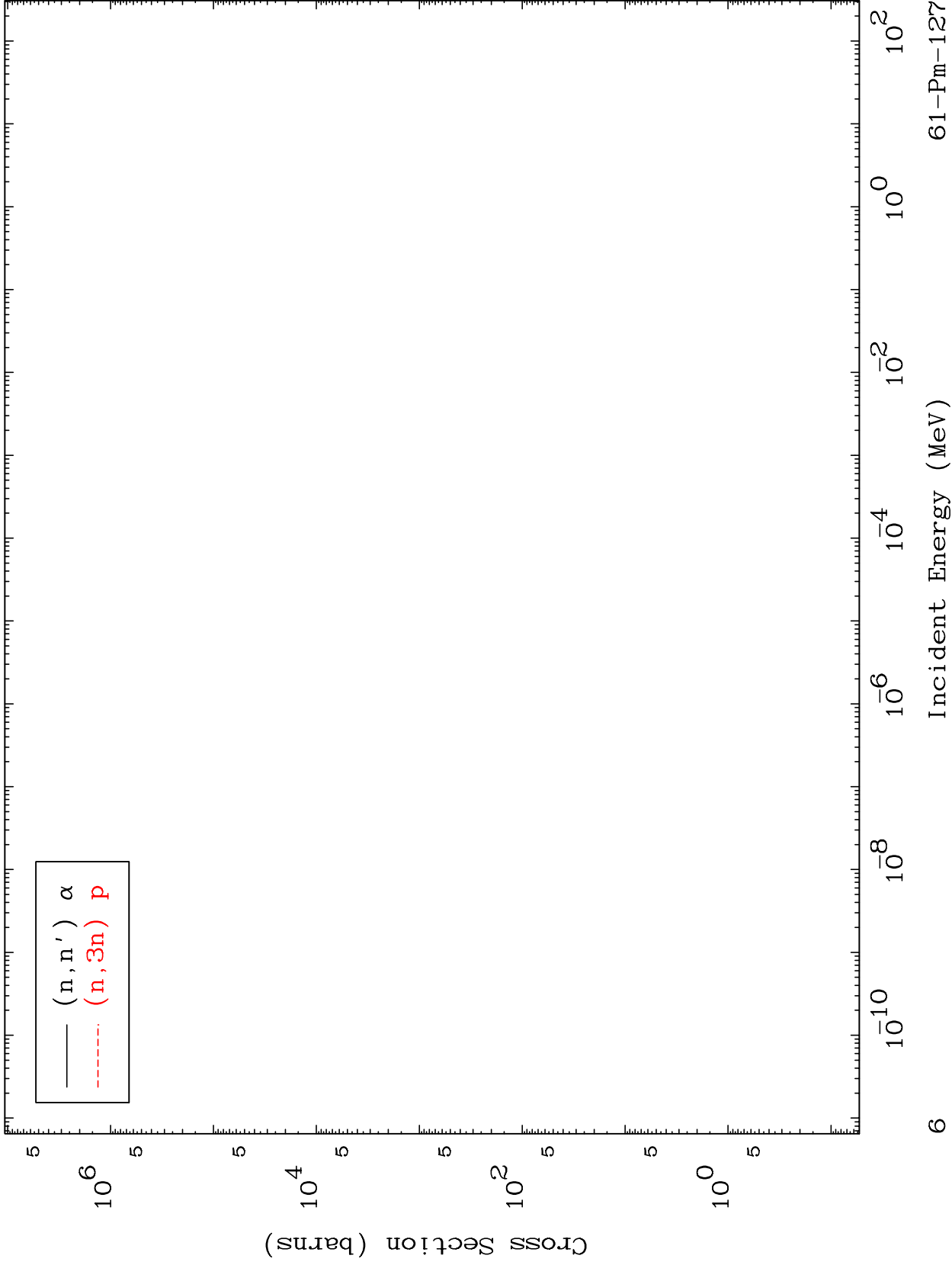
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MAT 6089

Charged Particle
293 Kelvin Cross Sections

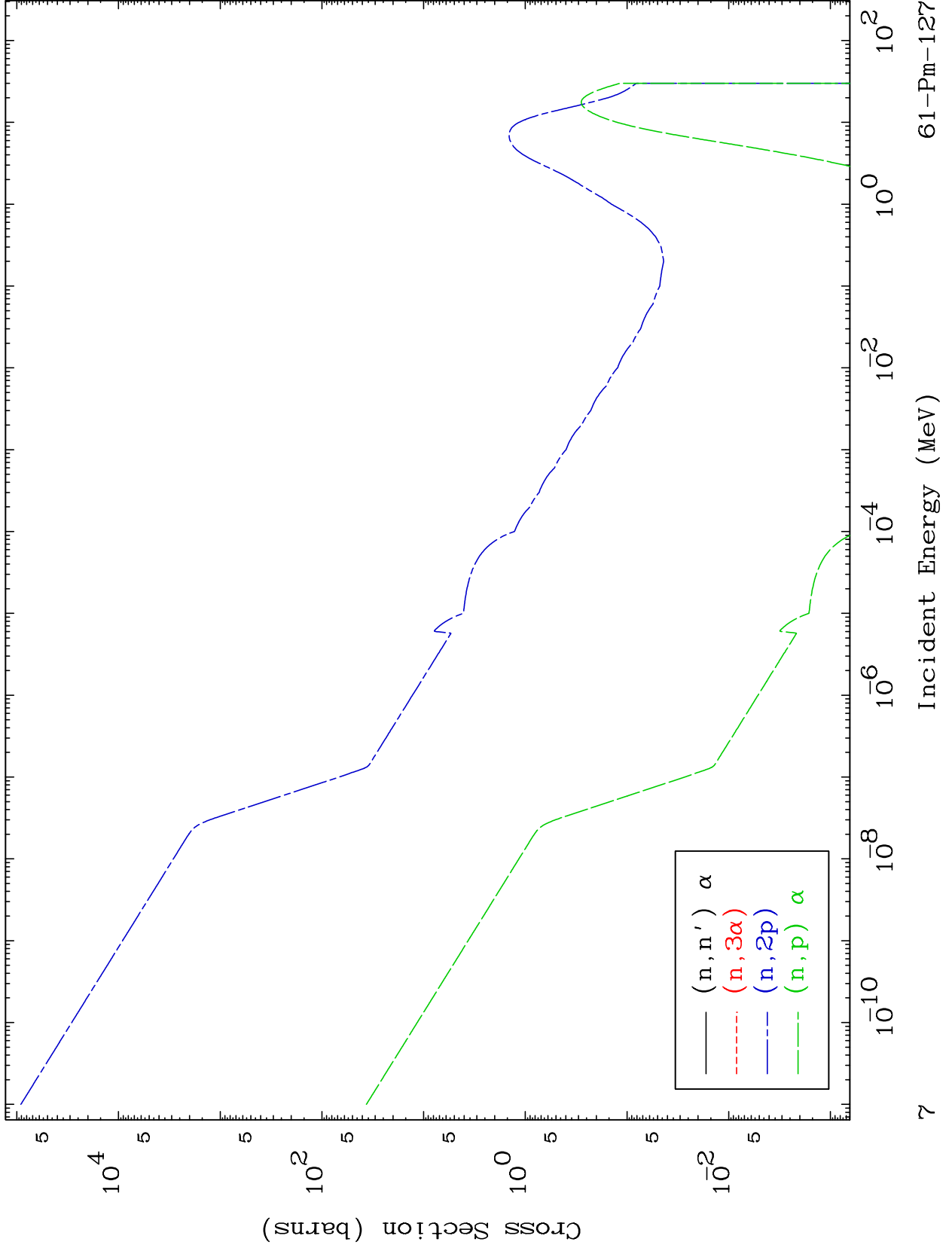
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MAT 6089

Charged Particle
293 Kelvin Cross Sections

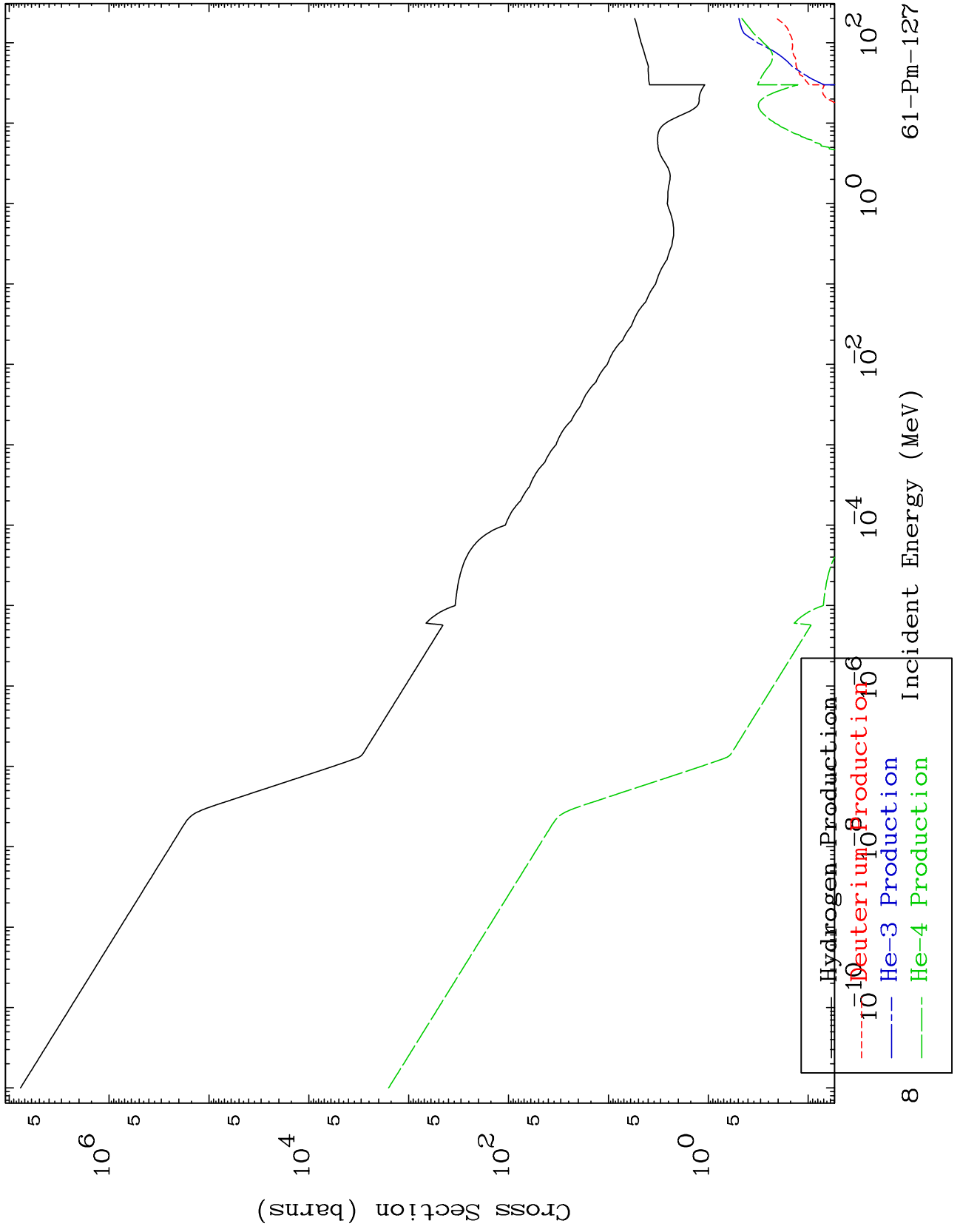
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MAT 6089

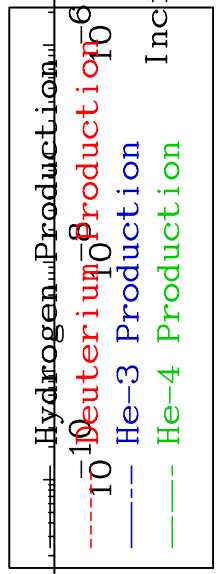
Particle Production
293 Kelvin Cross Sections

61-Pm-127



Incident Energy (MeV)

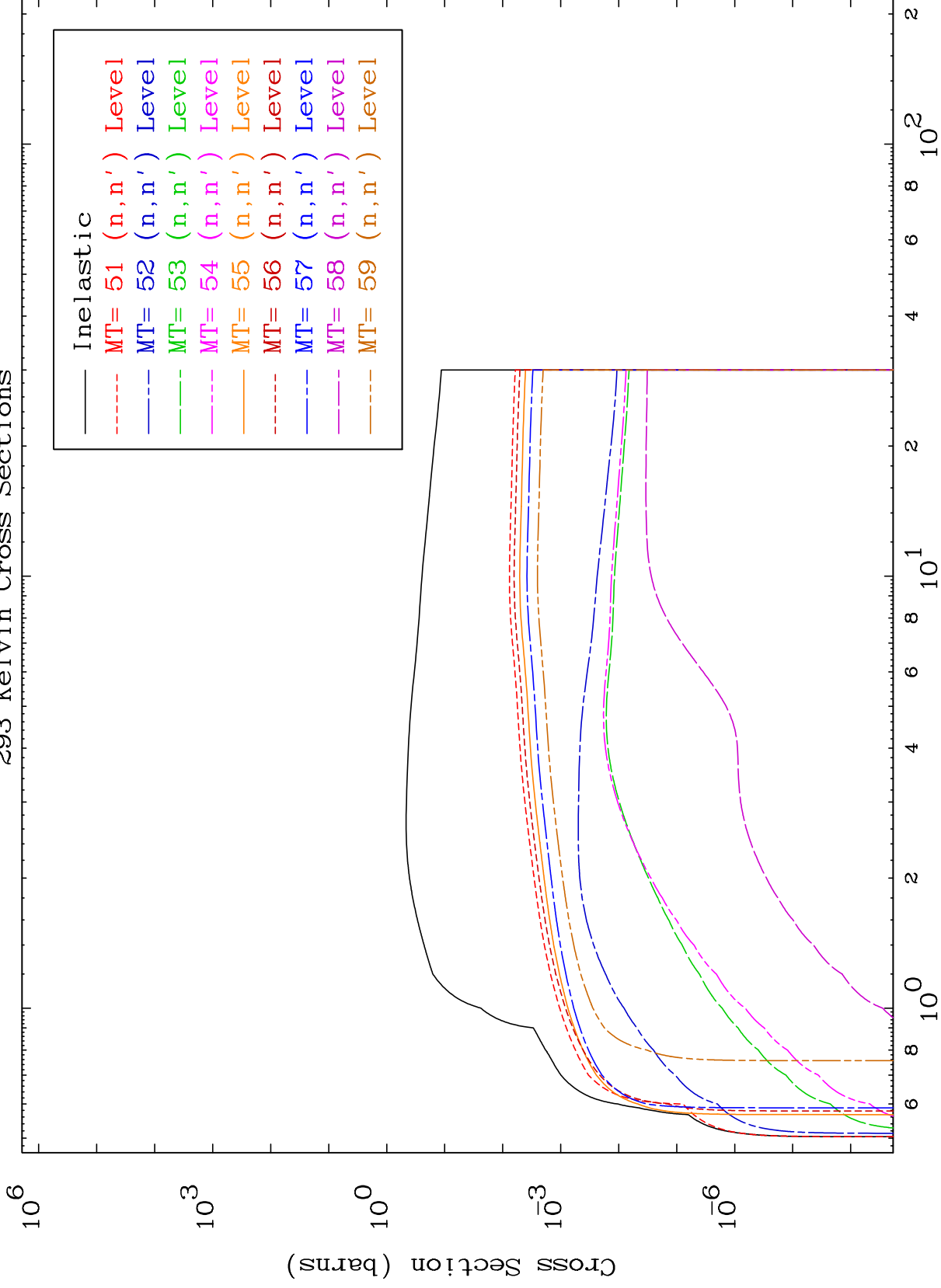
61-Pm-127



MAT 6089

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-127



9

Incident Energy (MeV)

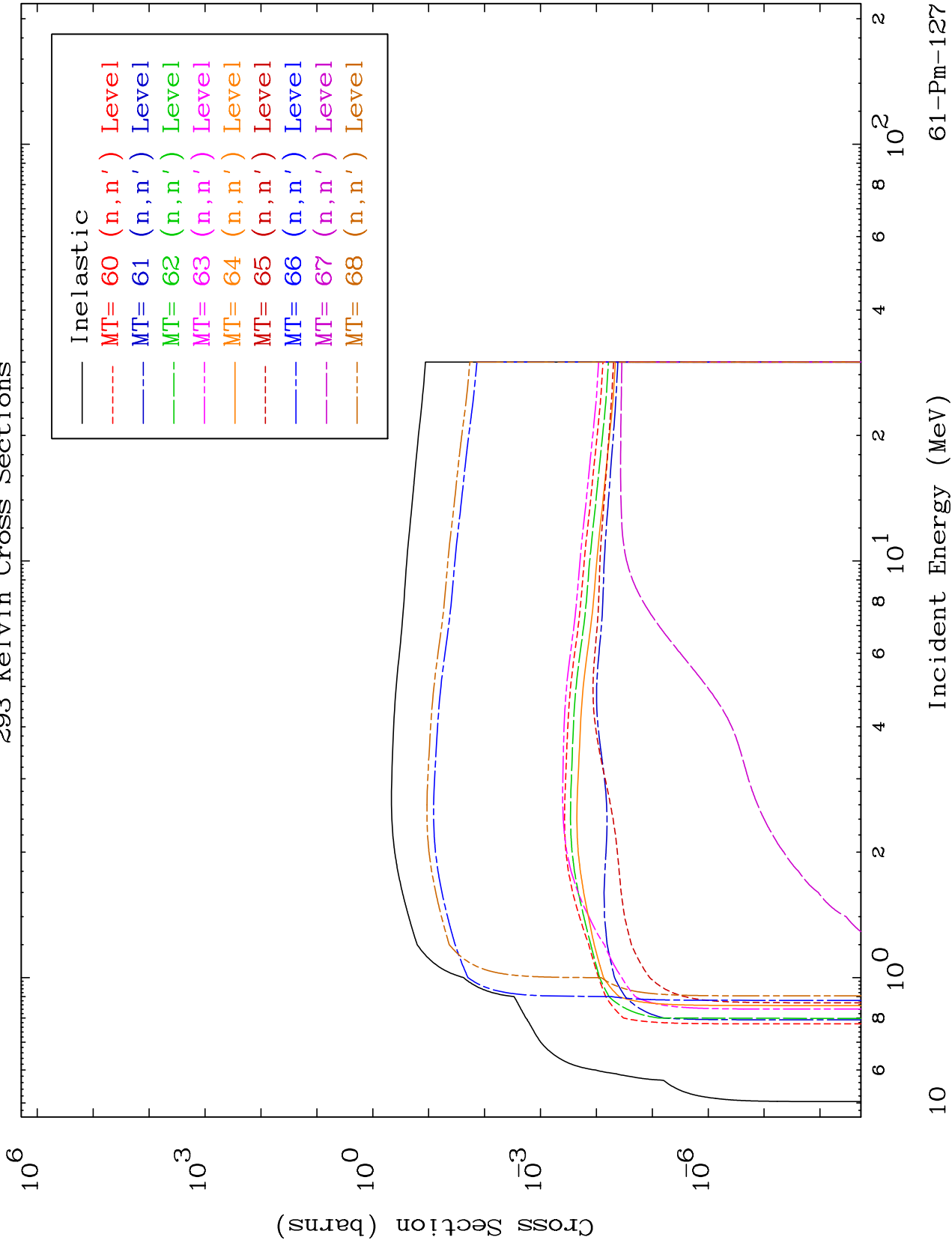
61-Pm-127

MAT 6089

(n,n') Levels

61-Pm-127

293 Kelvin Cross Sections



10

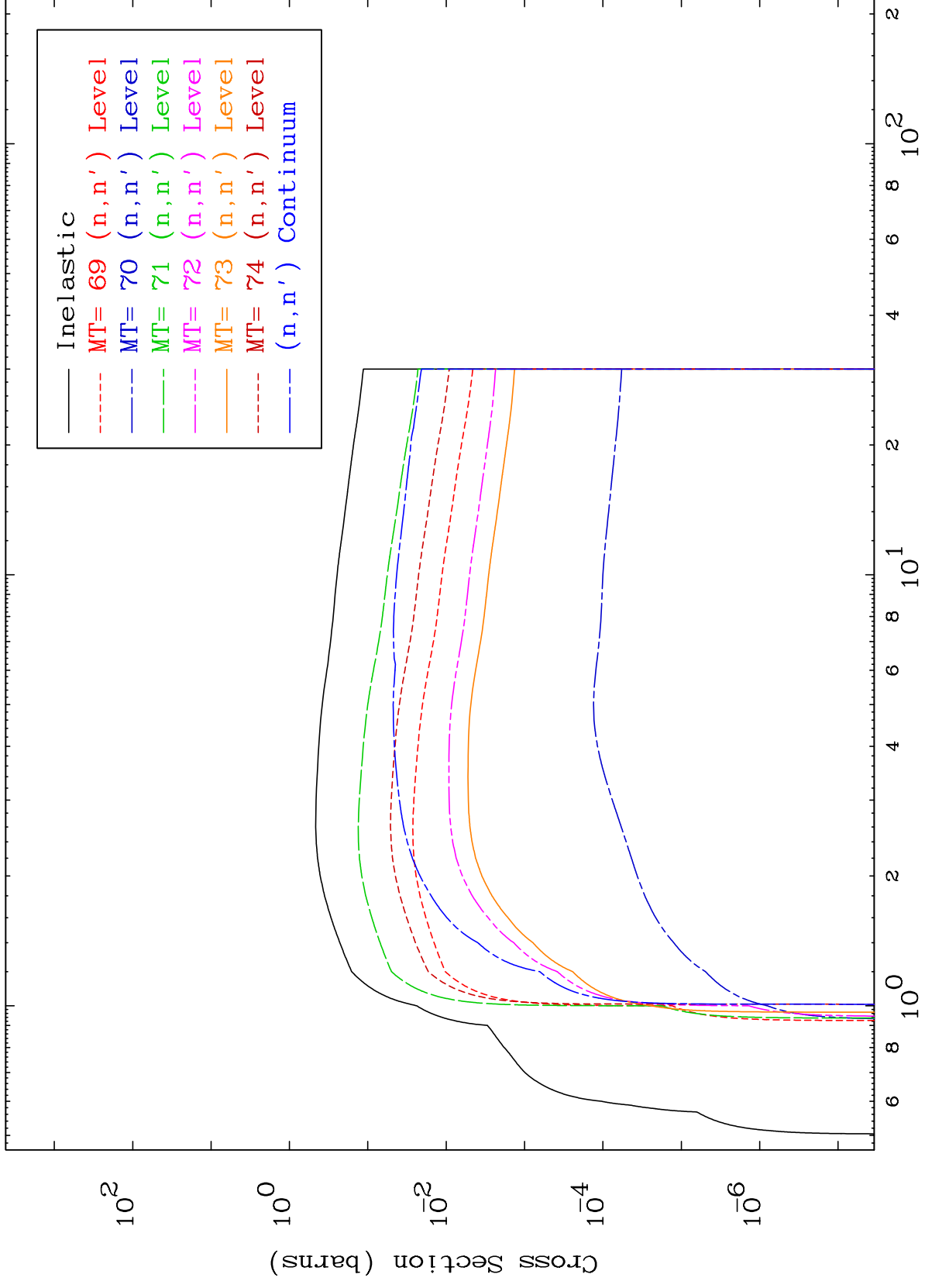
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-127



11

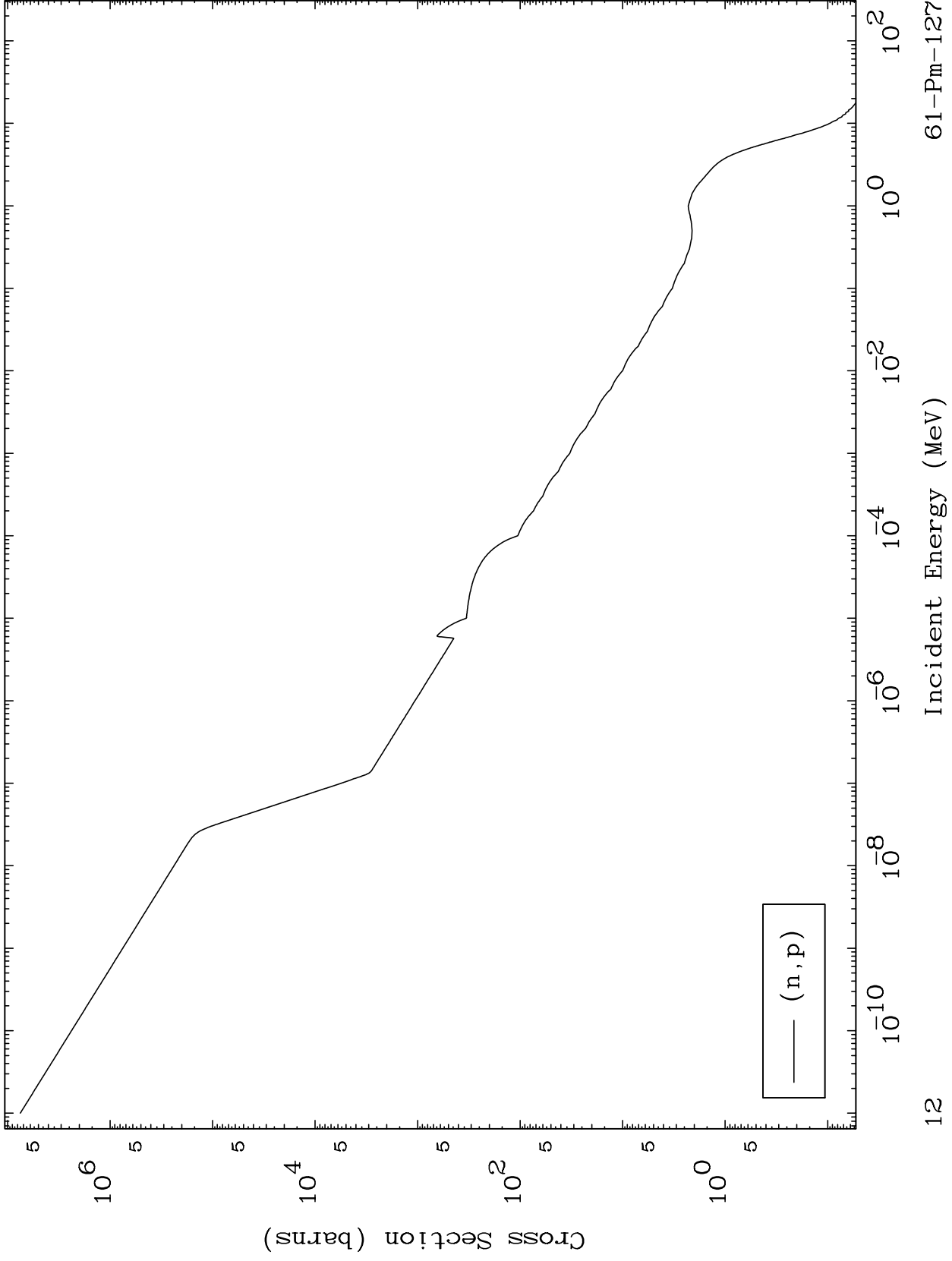
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,p) Levels
293 Kelvin Cross Sections

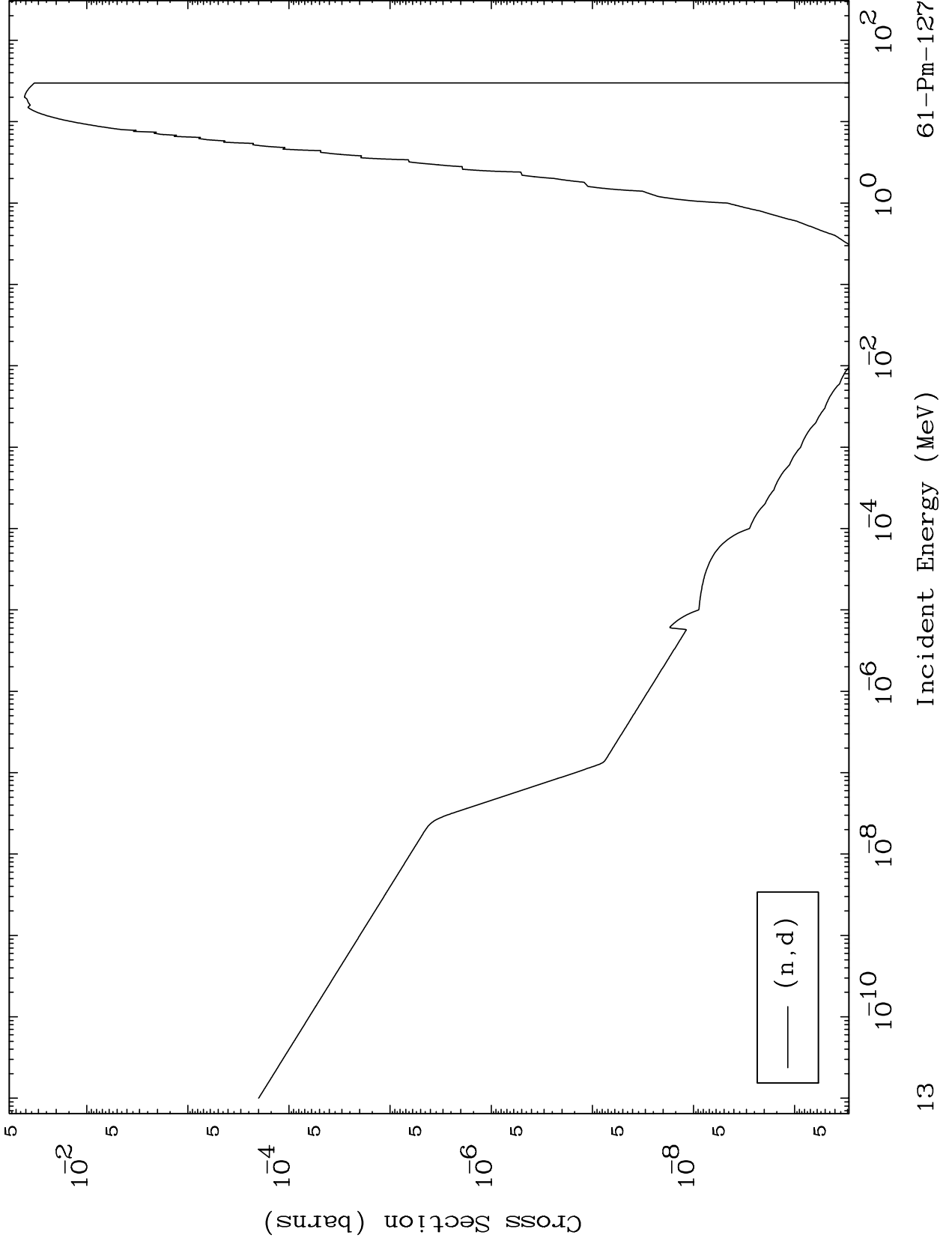
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MAT 6089

(n,d) Levels
293 Kelvin Cross Sections

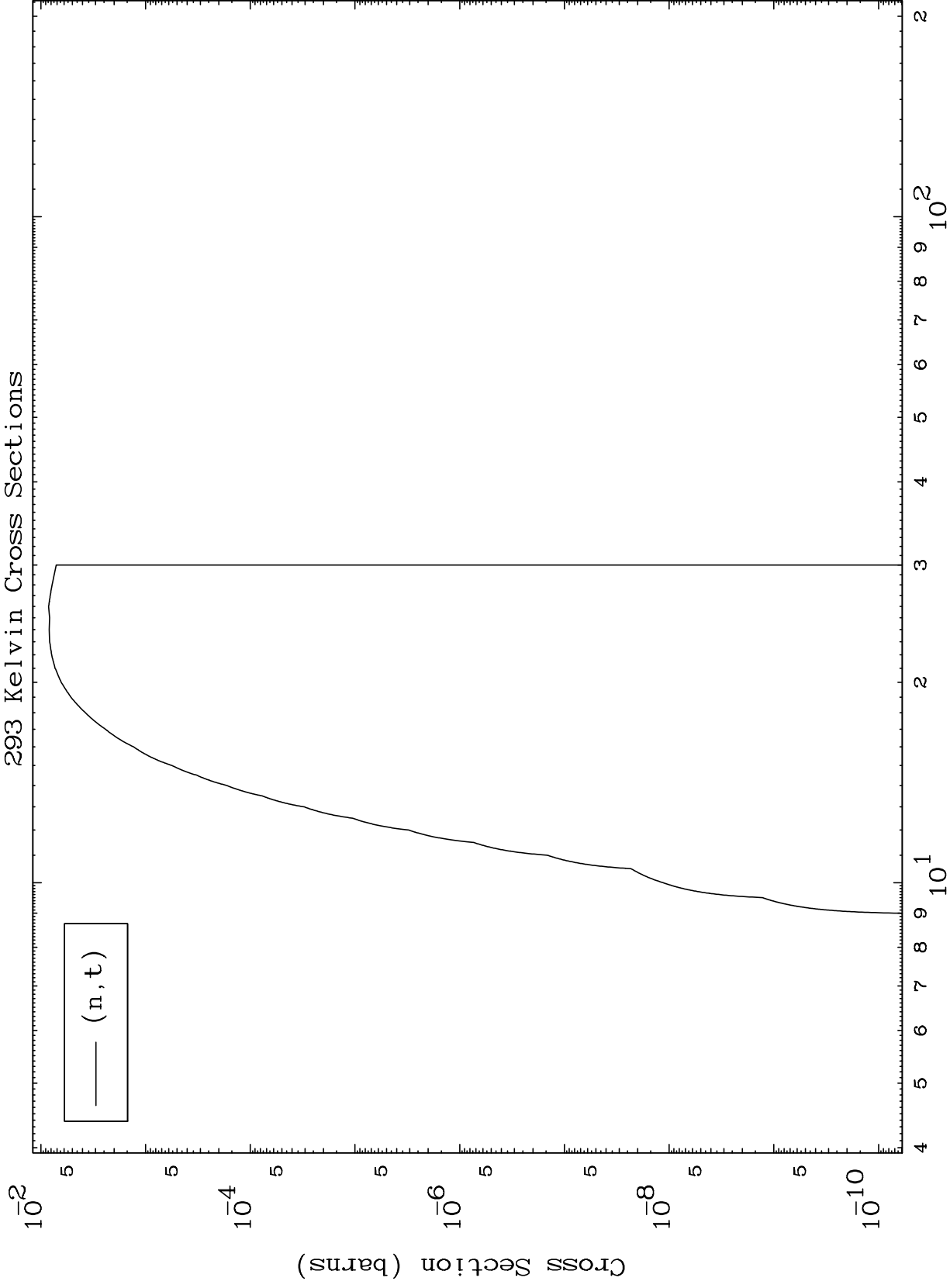
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MAT 6089

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-127



14

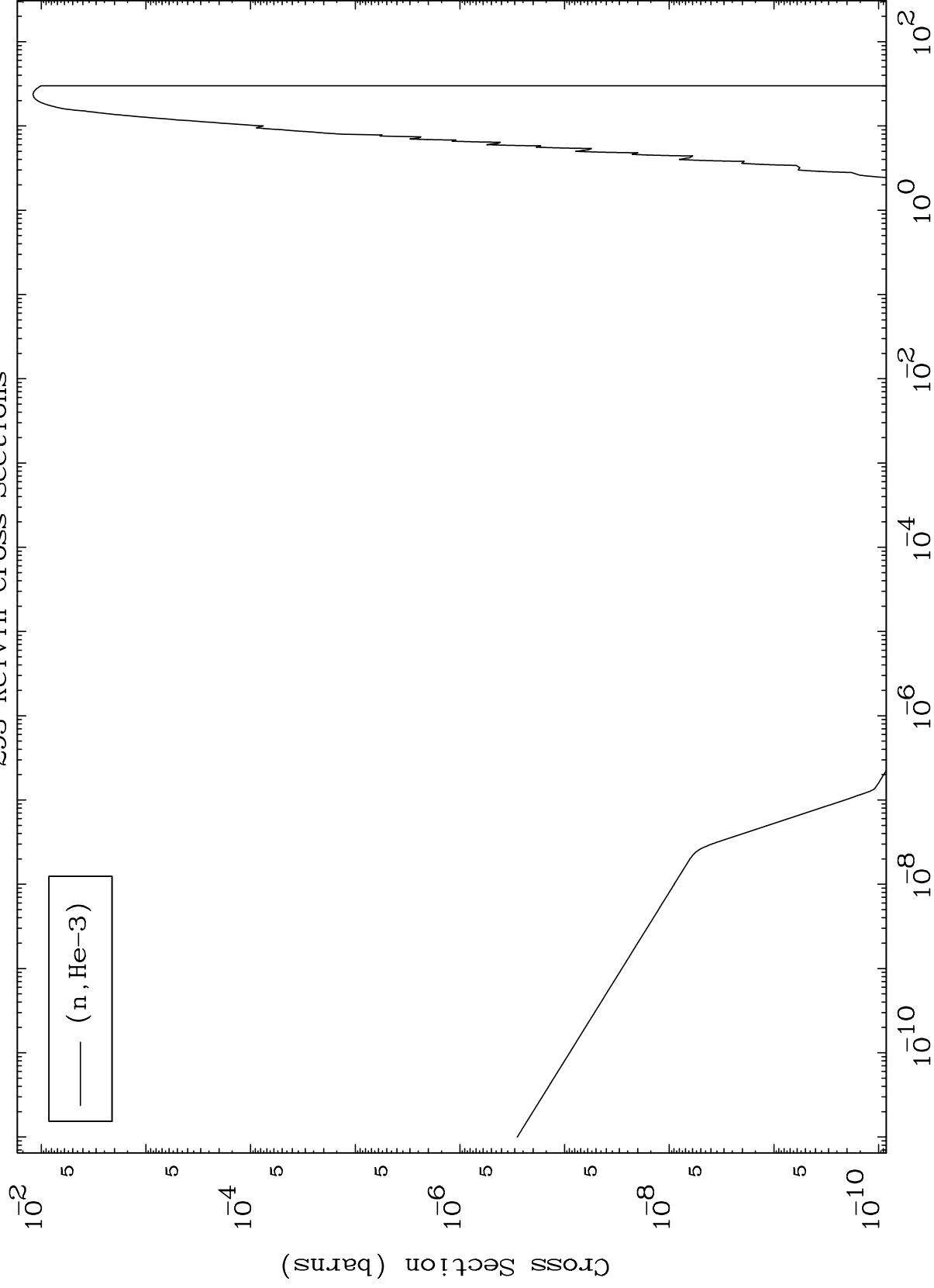
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-127



15

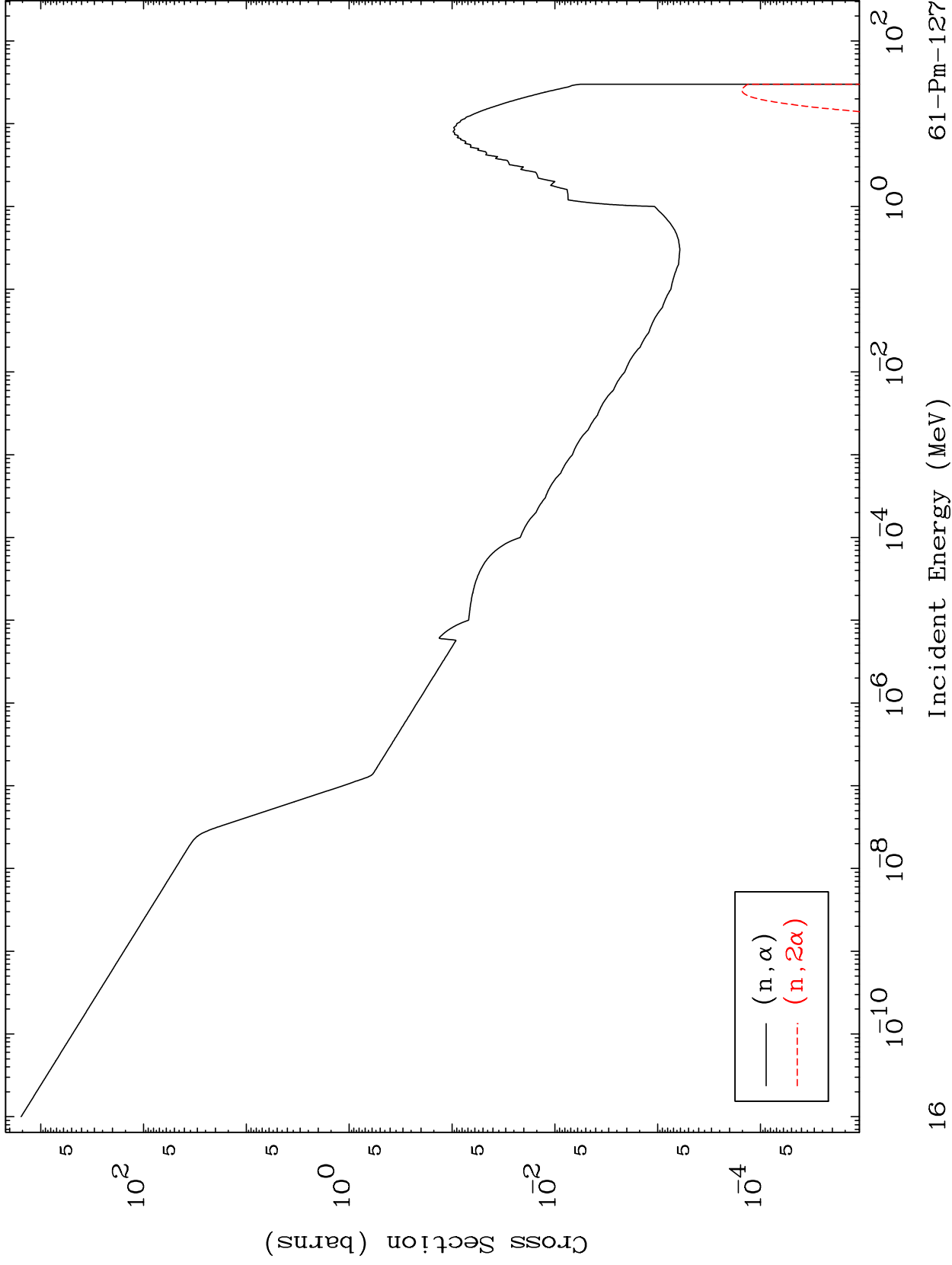
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,α) Levels
293 Kelvin Cross Sections

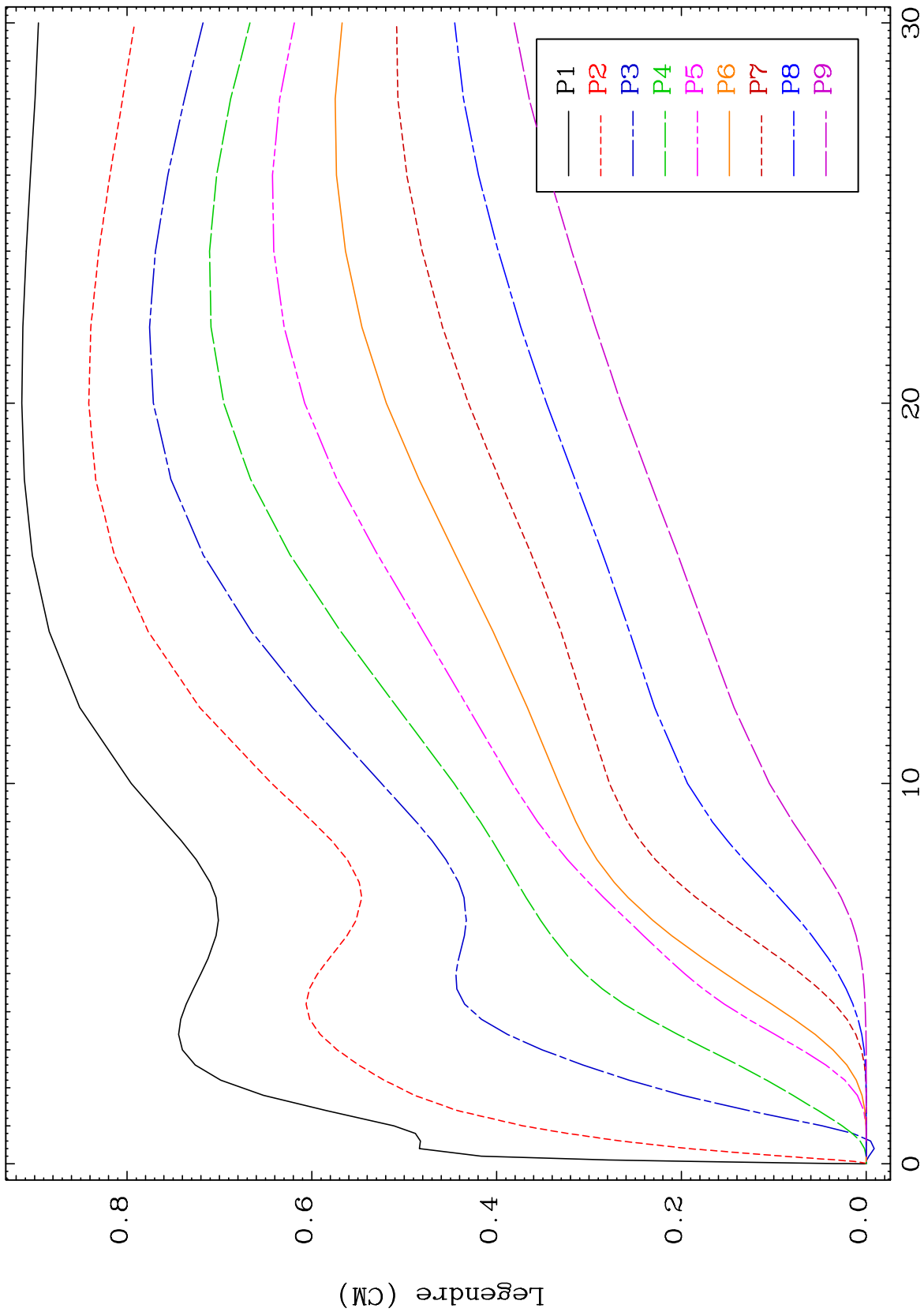
61-Pm-127



MAT 6089

Elastic Legendre Coefficients

61-Pm-127



17

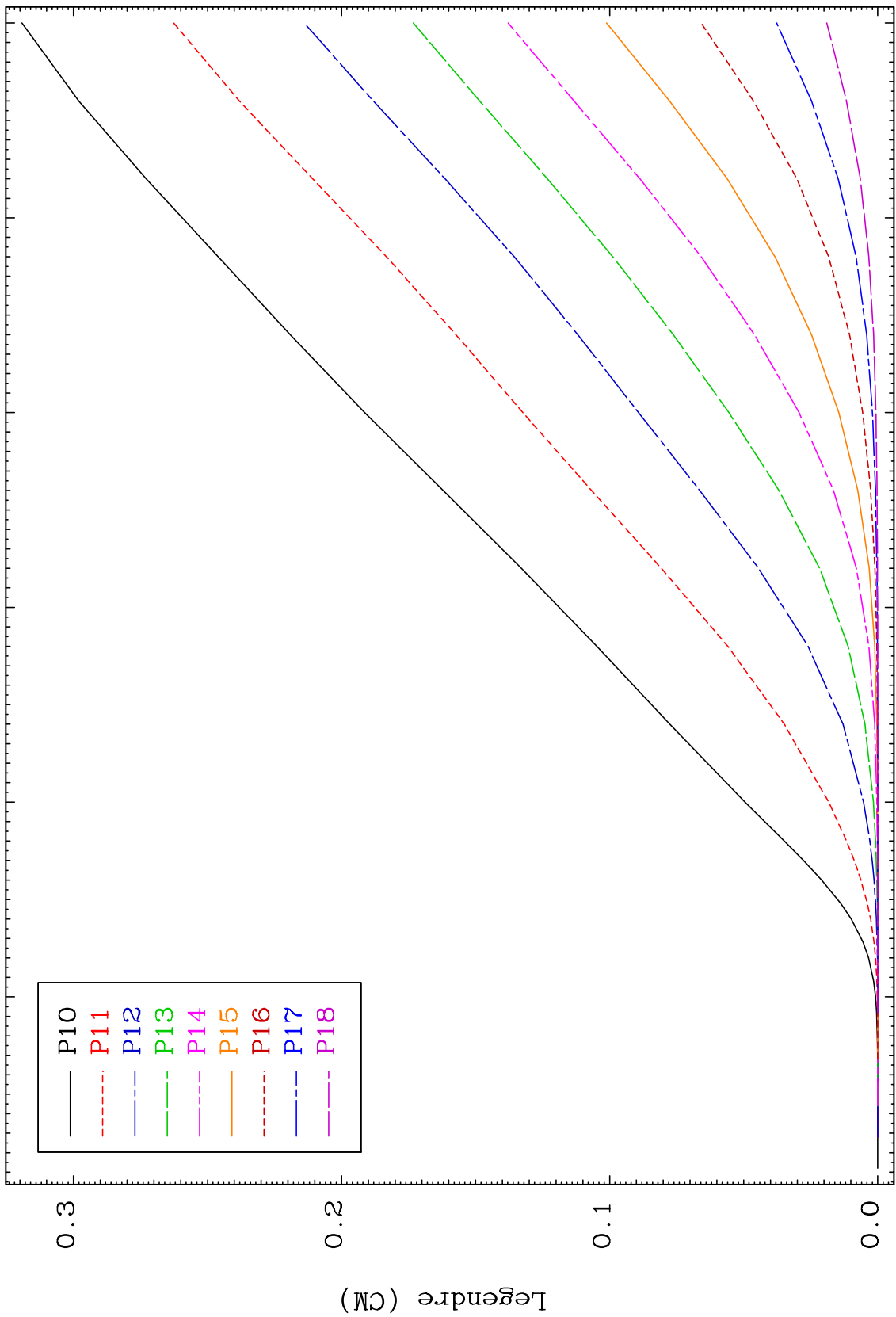
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



18

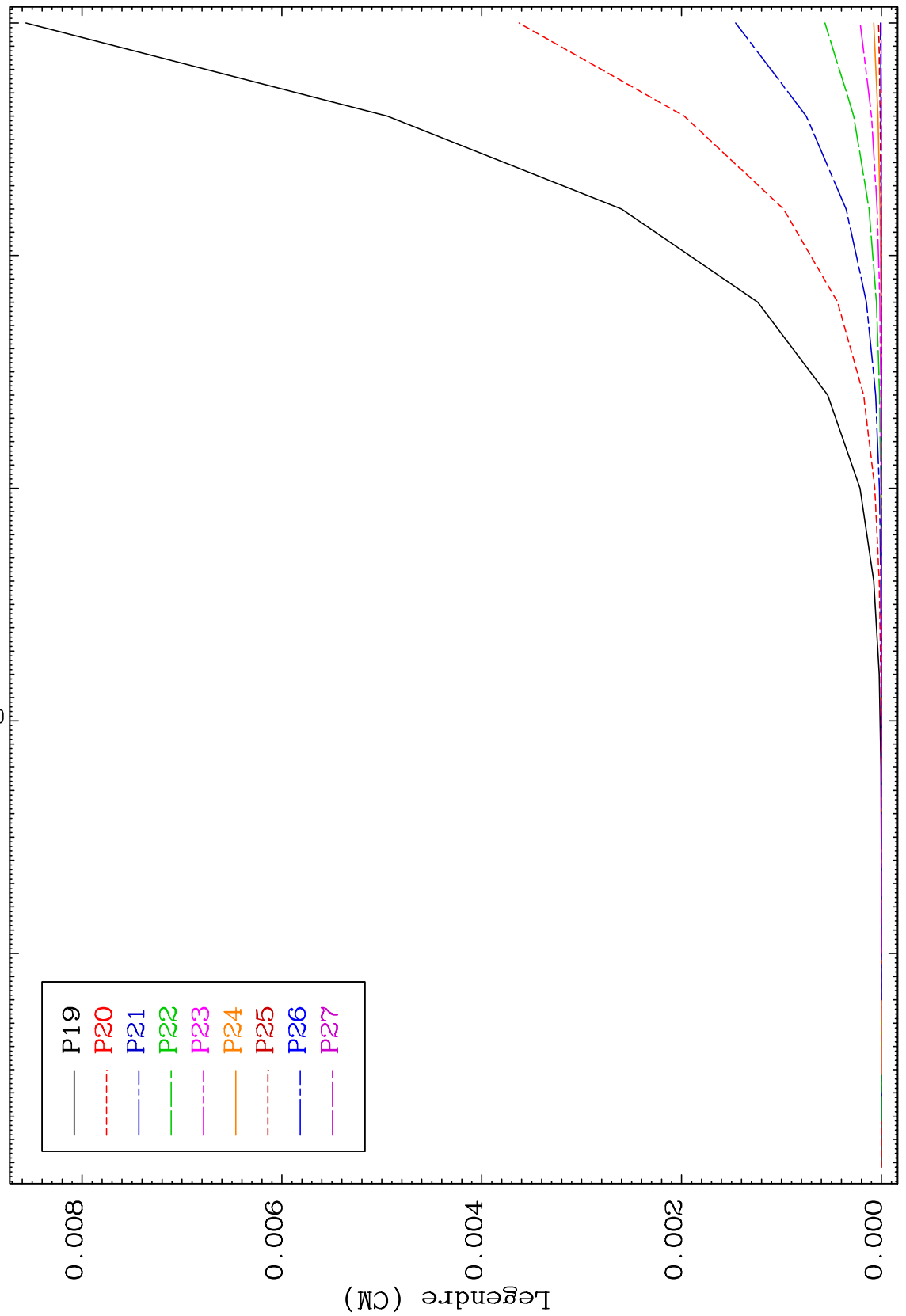
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127



19

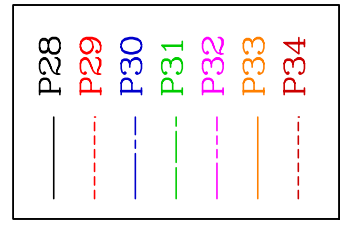
Incident Energy (MeV)

61-Pm-127

MAT 6089

Elastic Legendre Coefficients

61-Pm-127

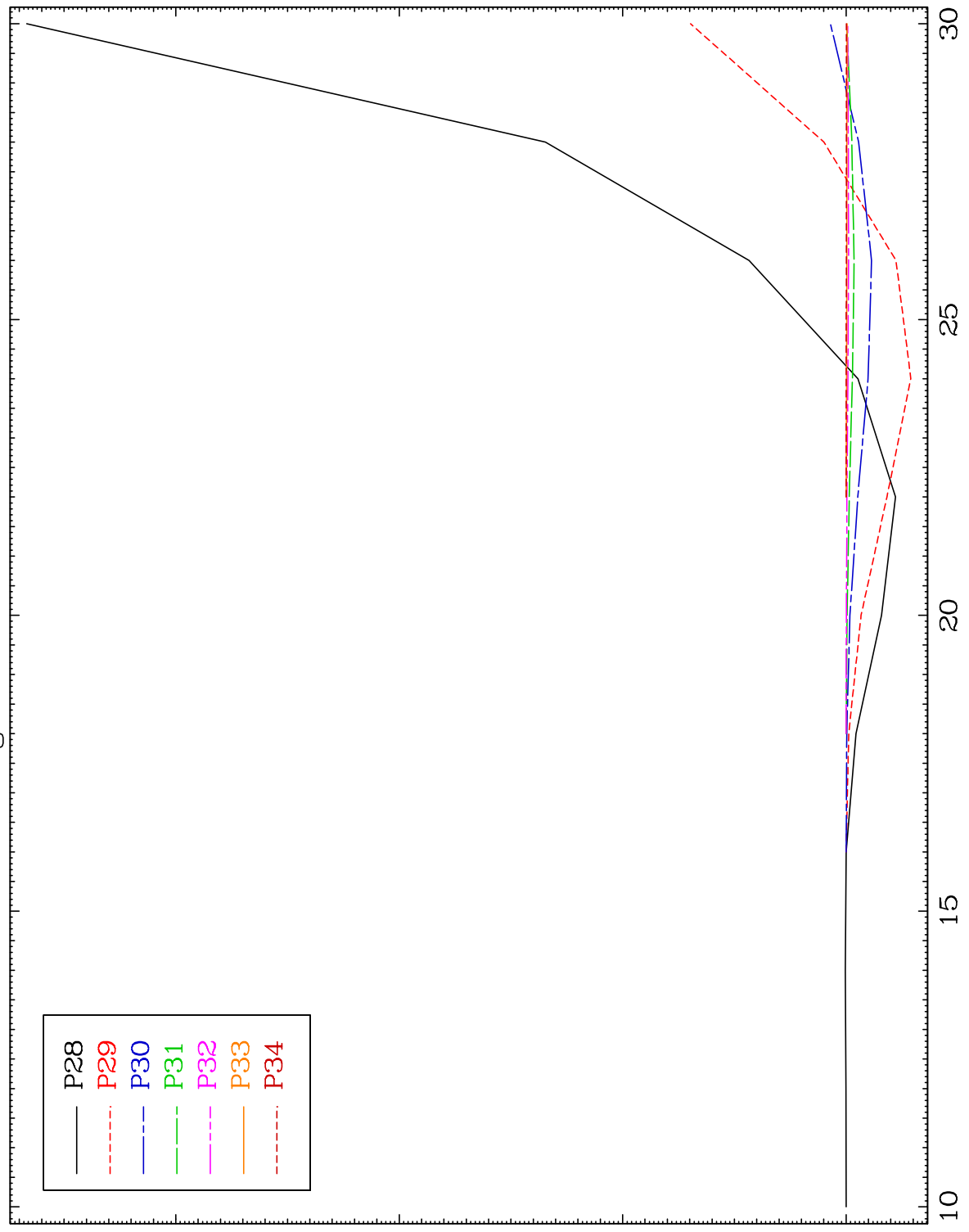


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Legendre (CM)

Incident Energy (MeV)

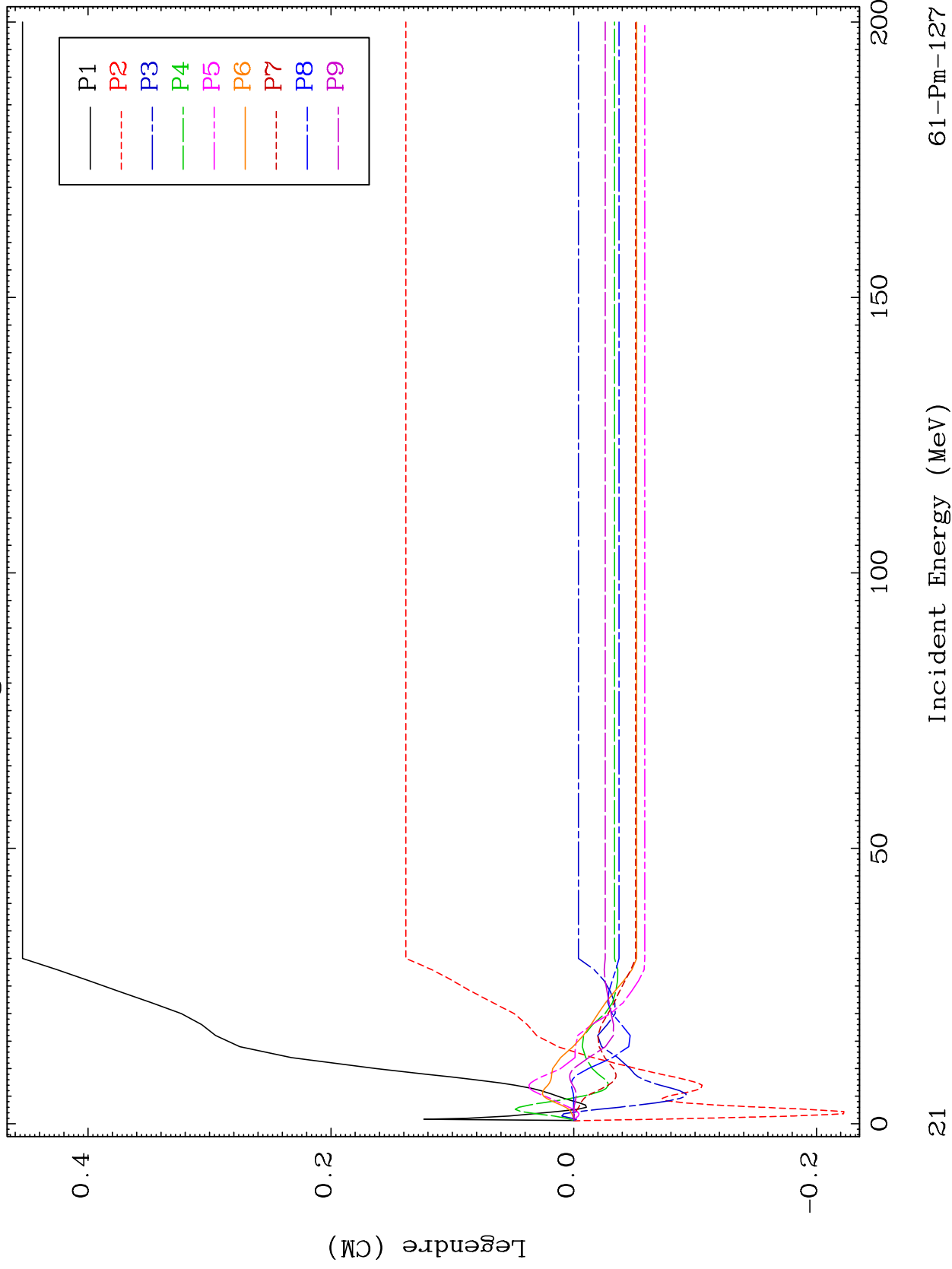
61-Pm-127



MAT 6089

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

61-Pm-127



21

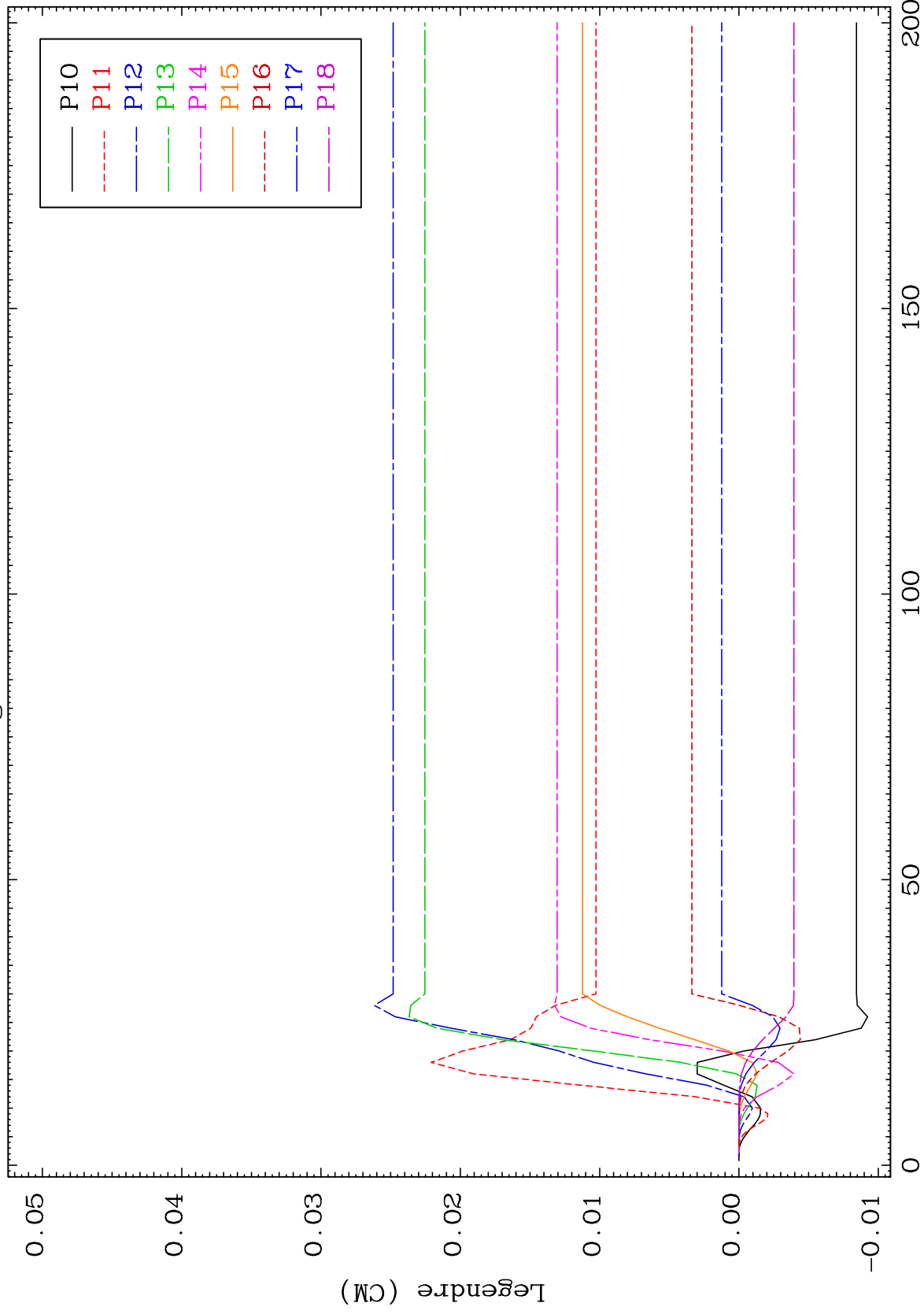
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

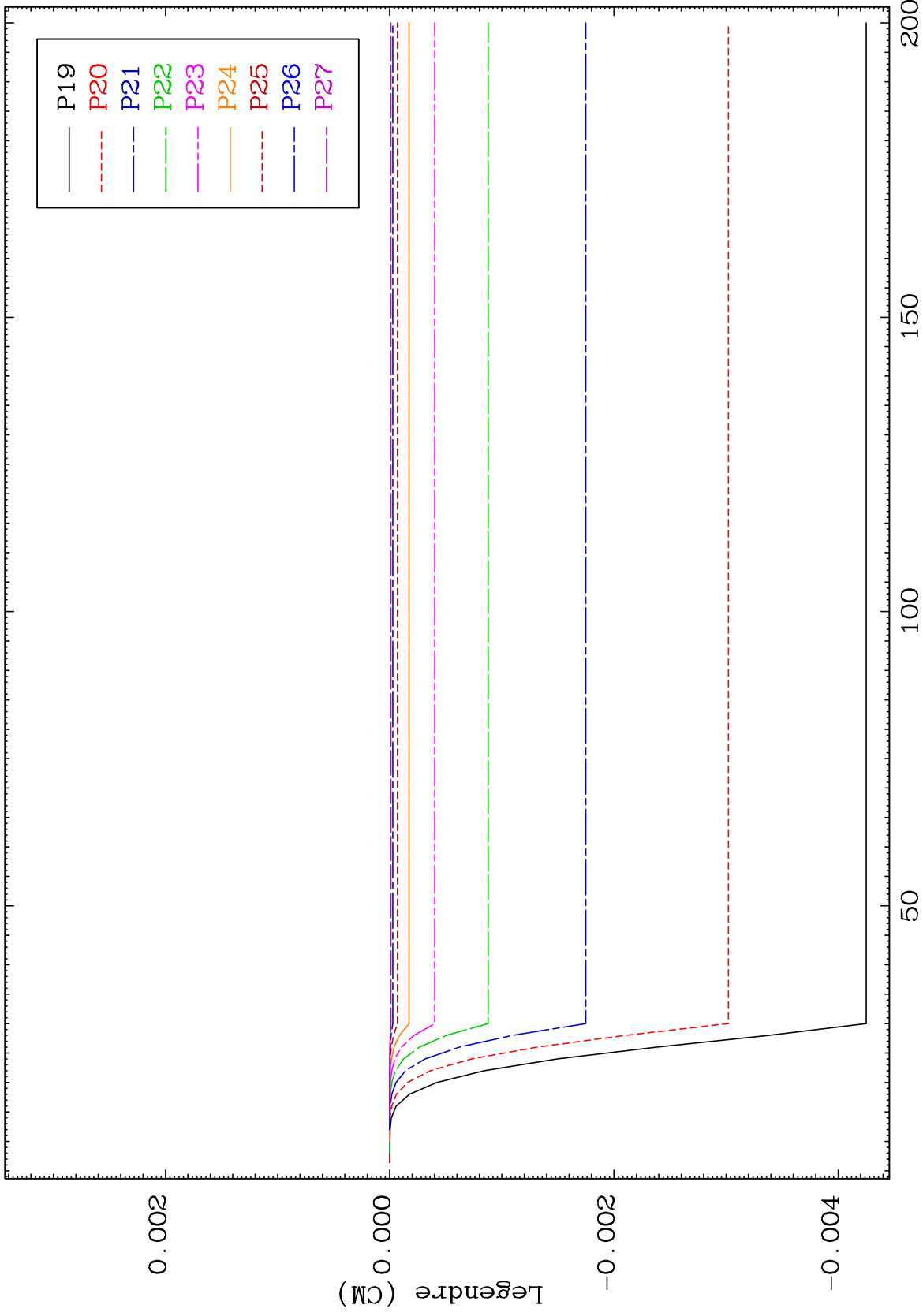
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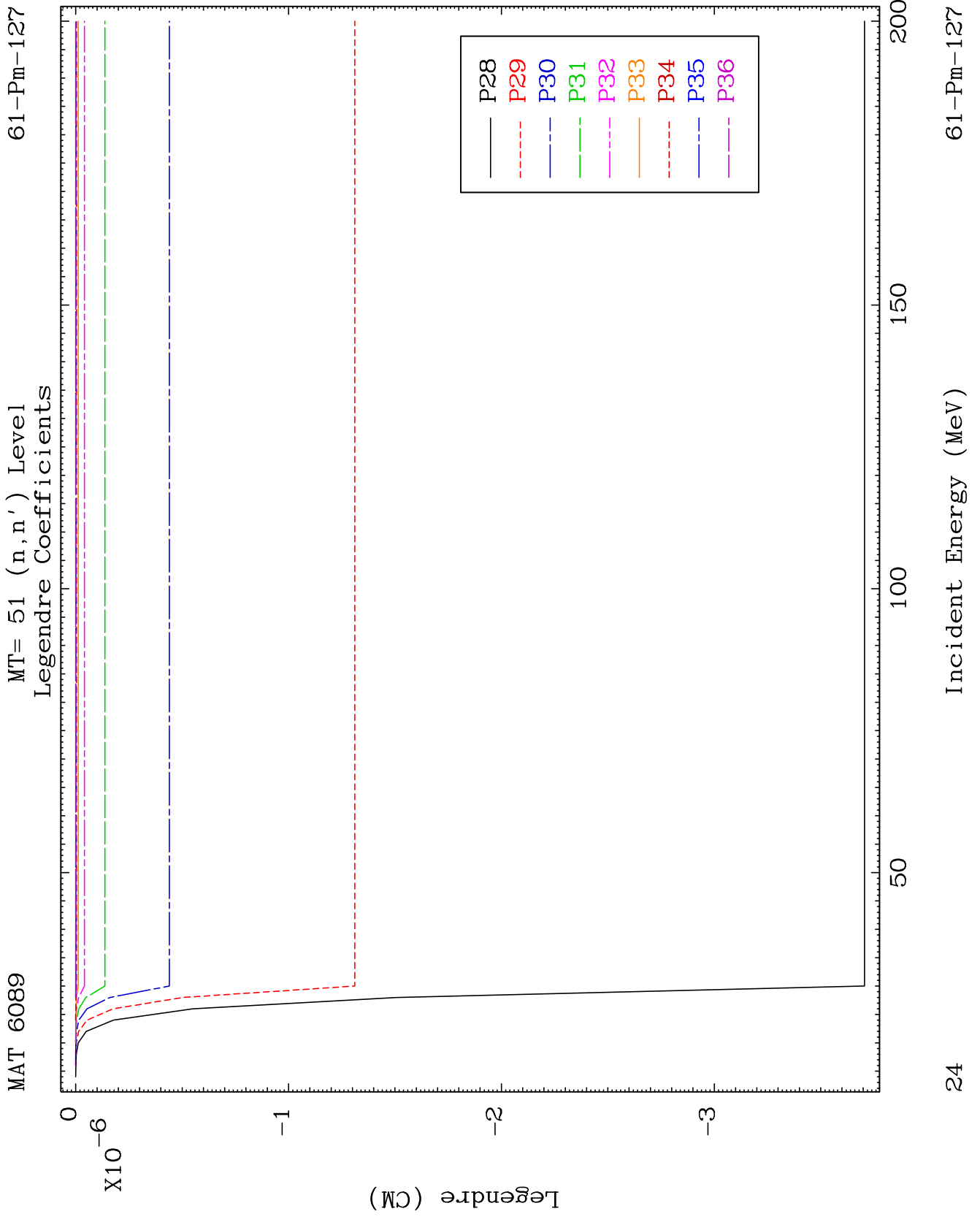


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Incident Energy (MeV)

61-Pm-127

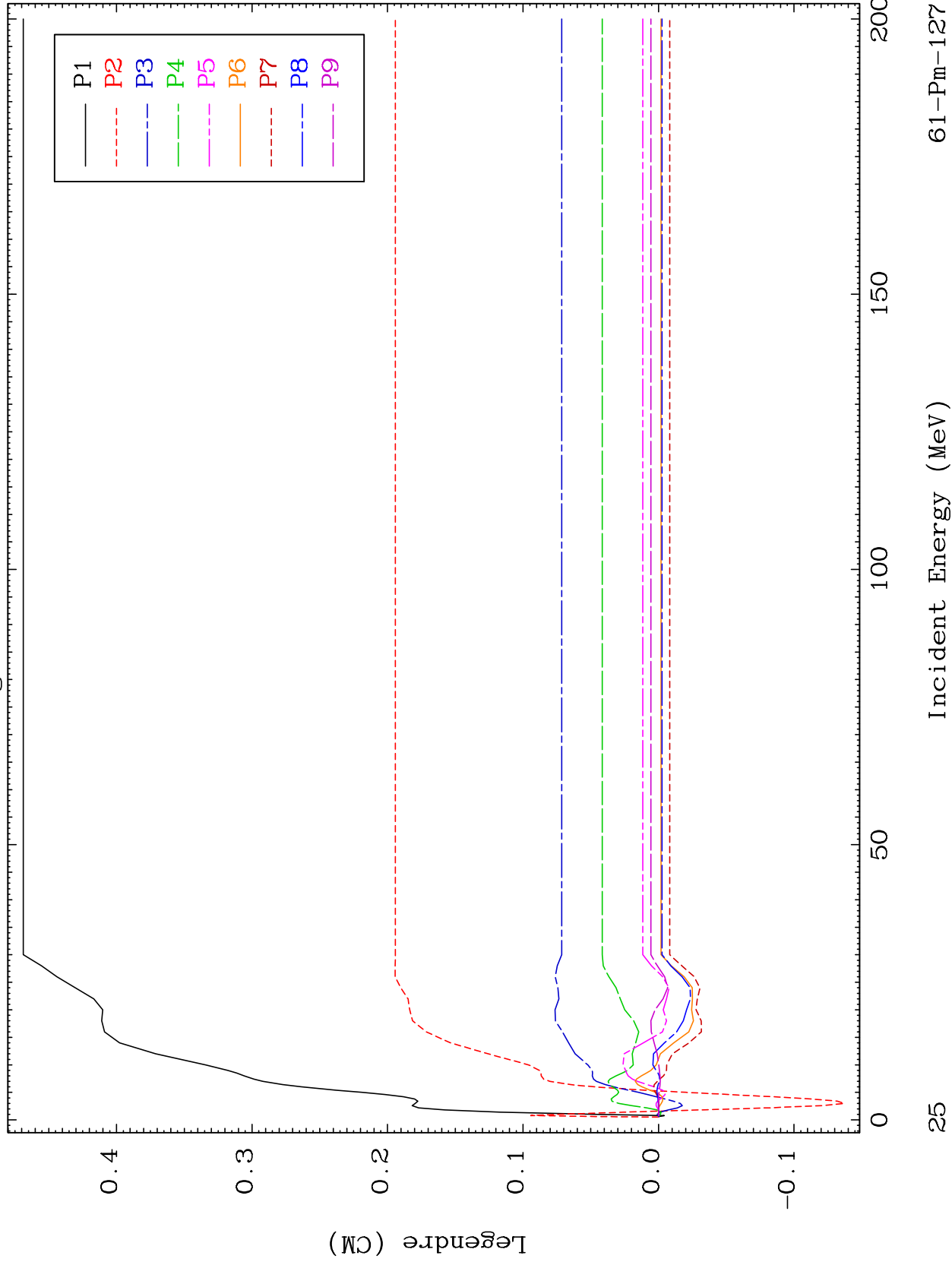




MAT 6089

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

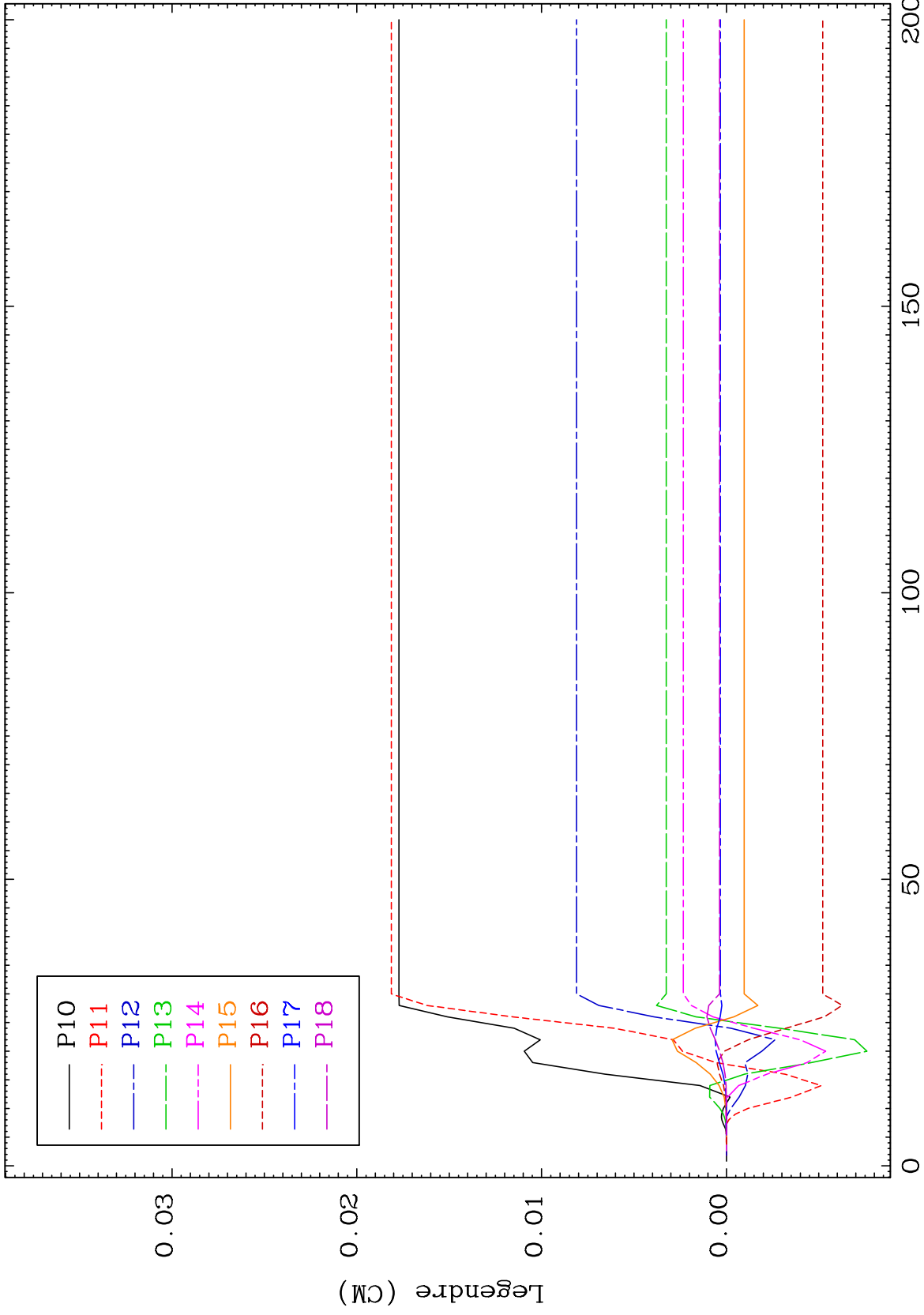
Incident Energy (MeV)

25

MAT 6089

MT= 52 (n,n') Level
Legendre Coefficients

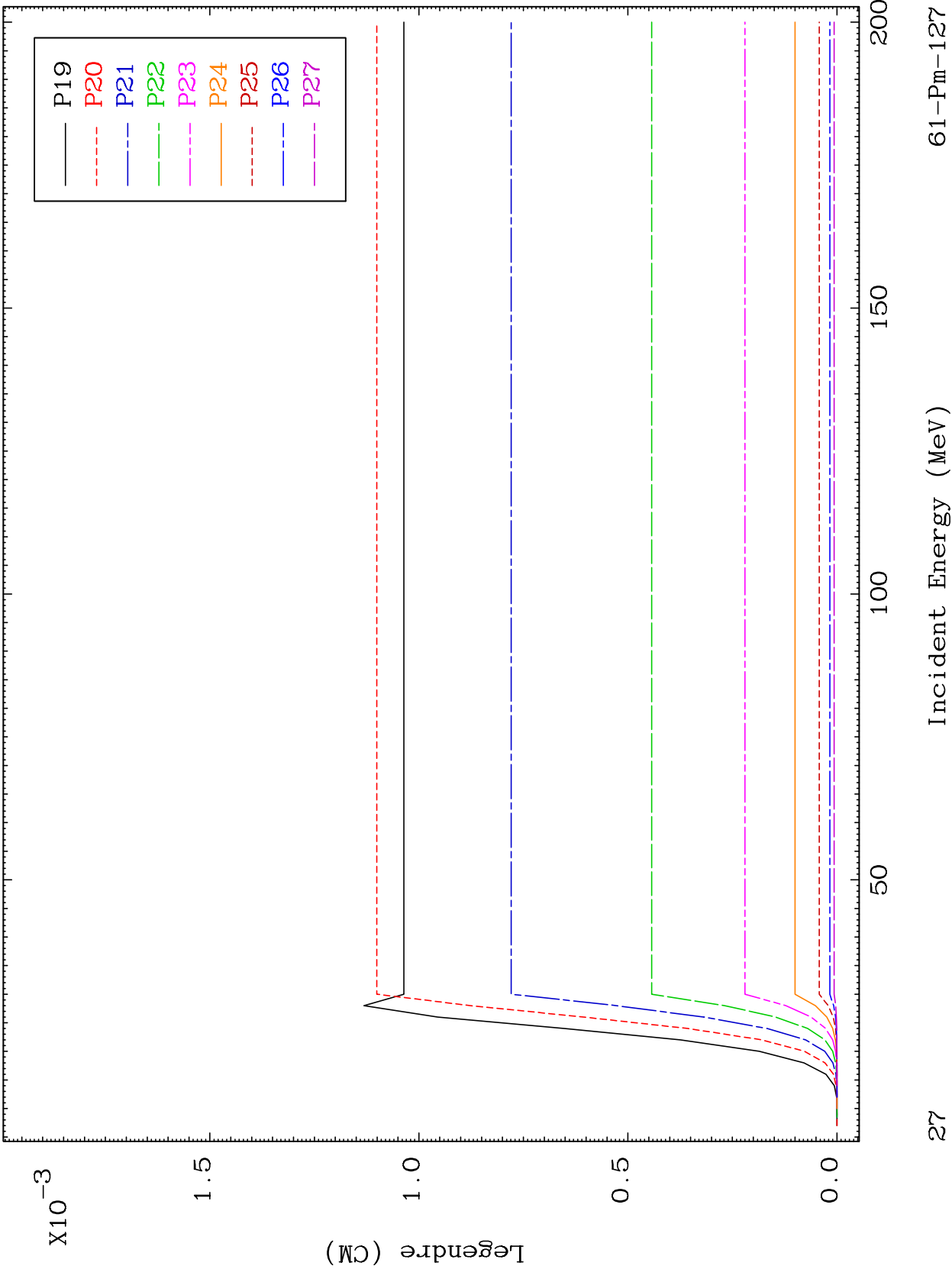
61-Pm-127



26

Incident Energy (MeV)

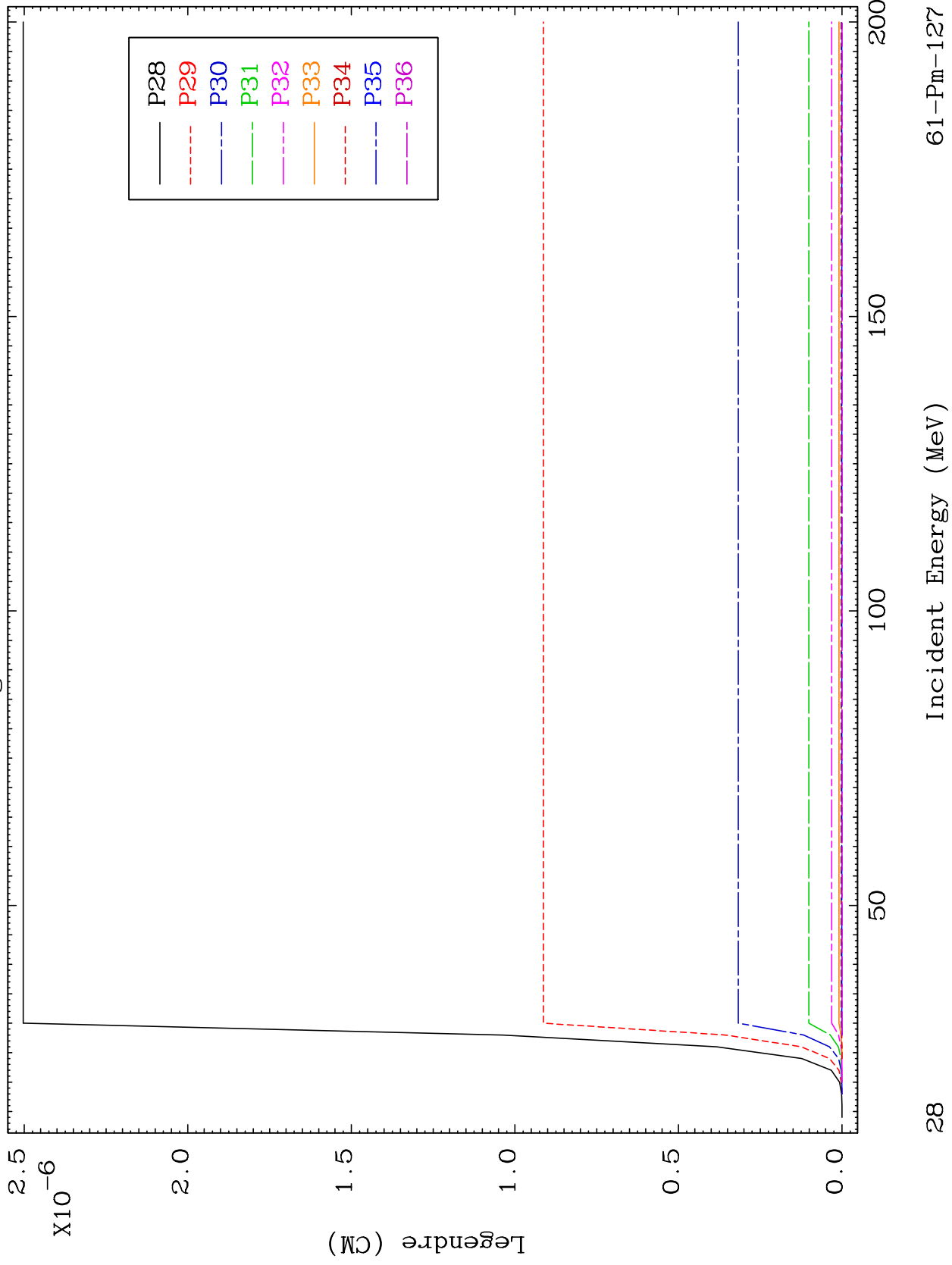
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MAT 6089

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-127



28

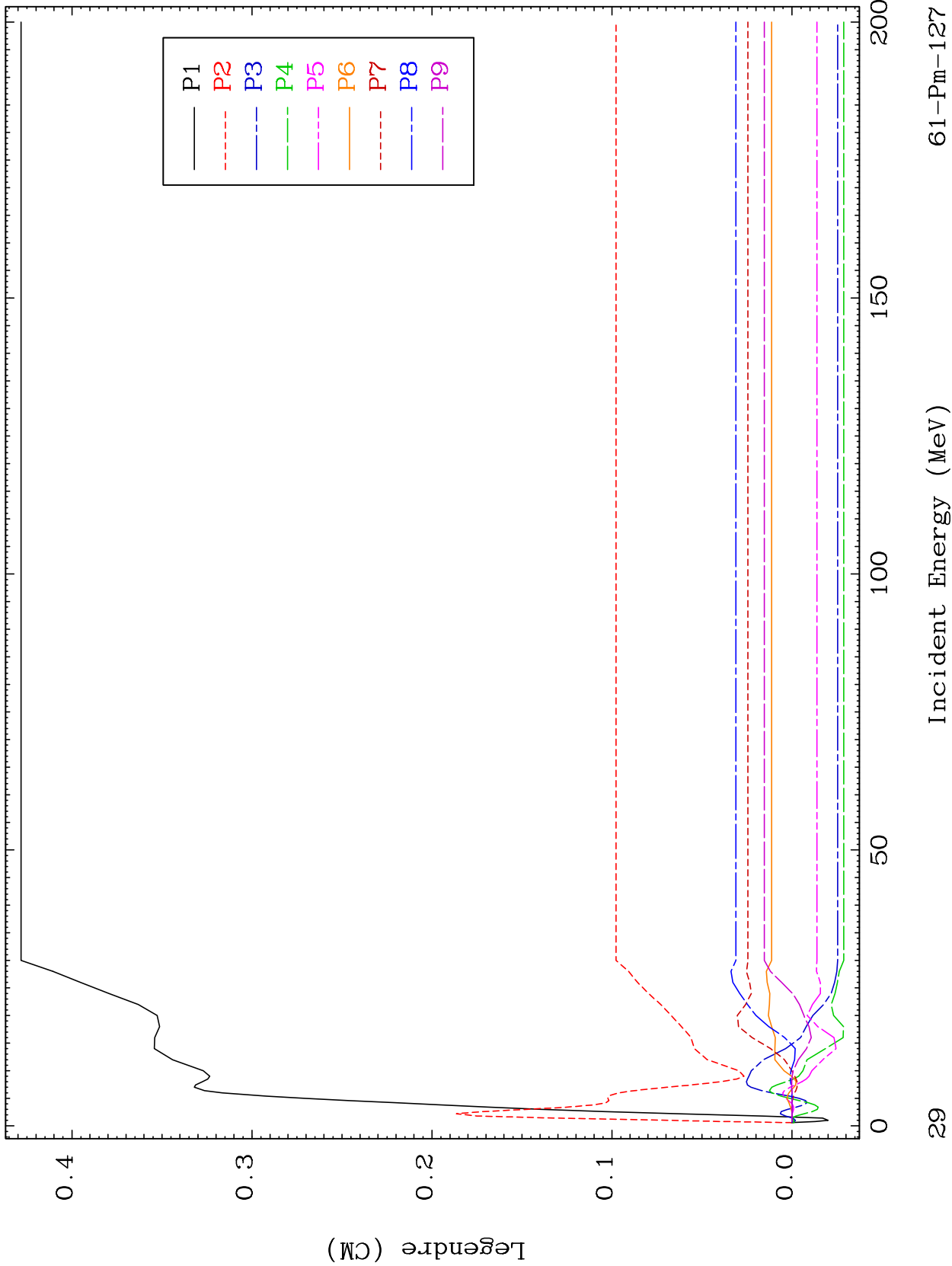
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 53 (n,n') Level
Legendre Coefficients

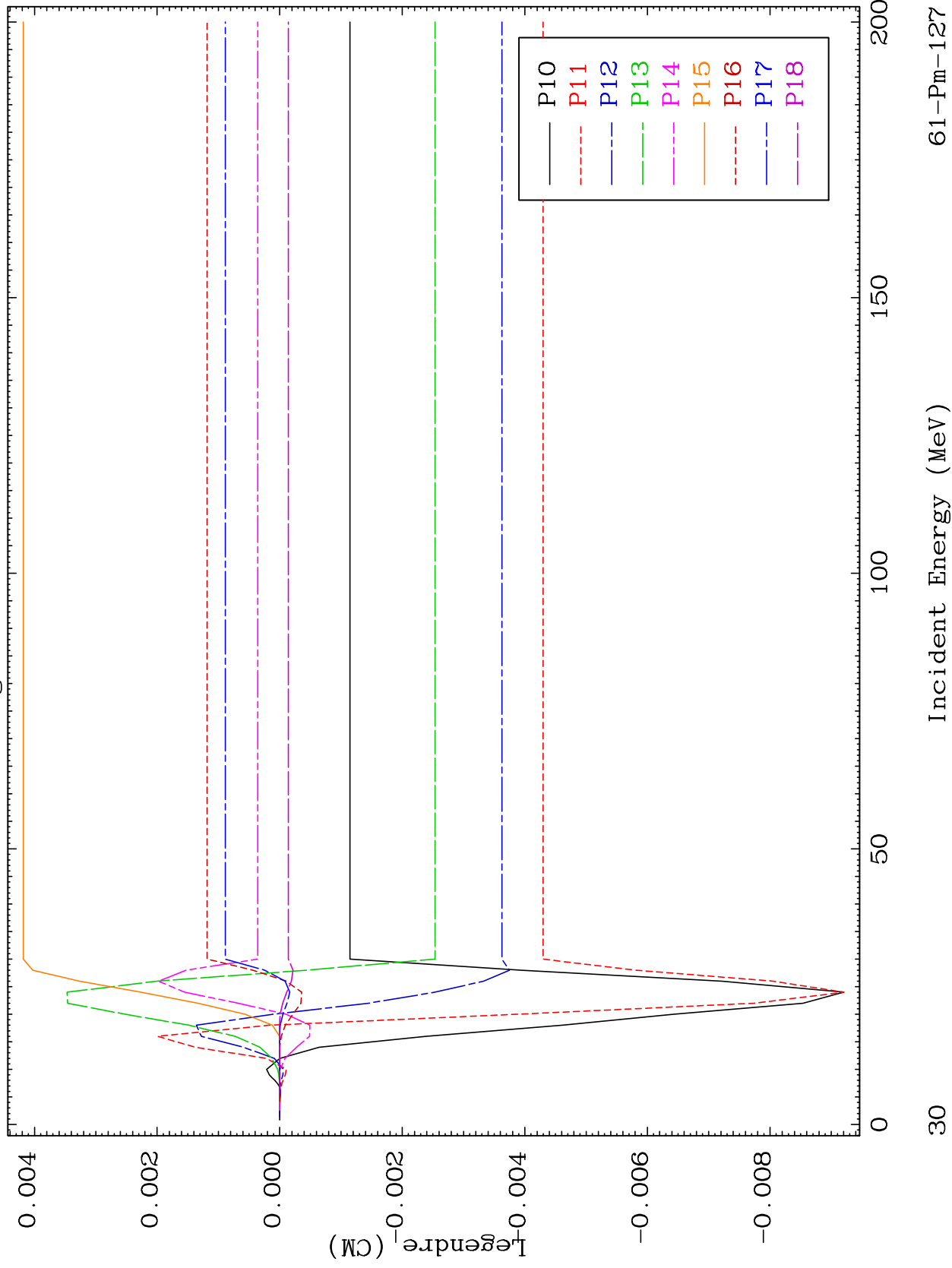
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MAT 6089

MT= 53 (n,n') Level
Legendre Coefficients

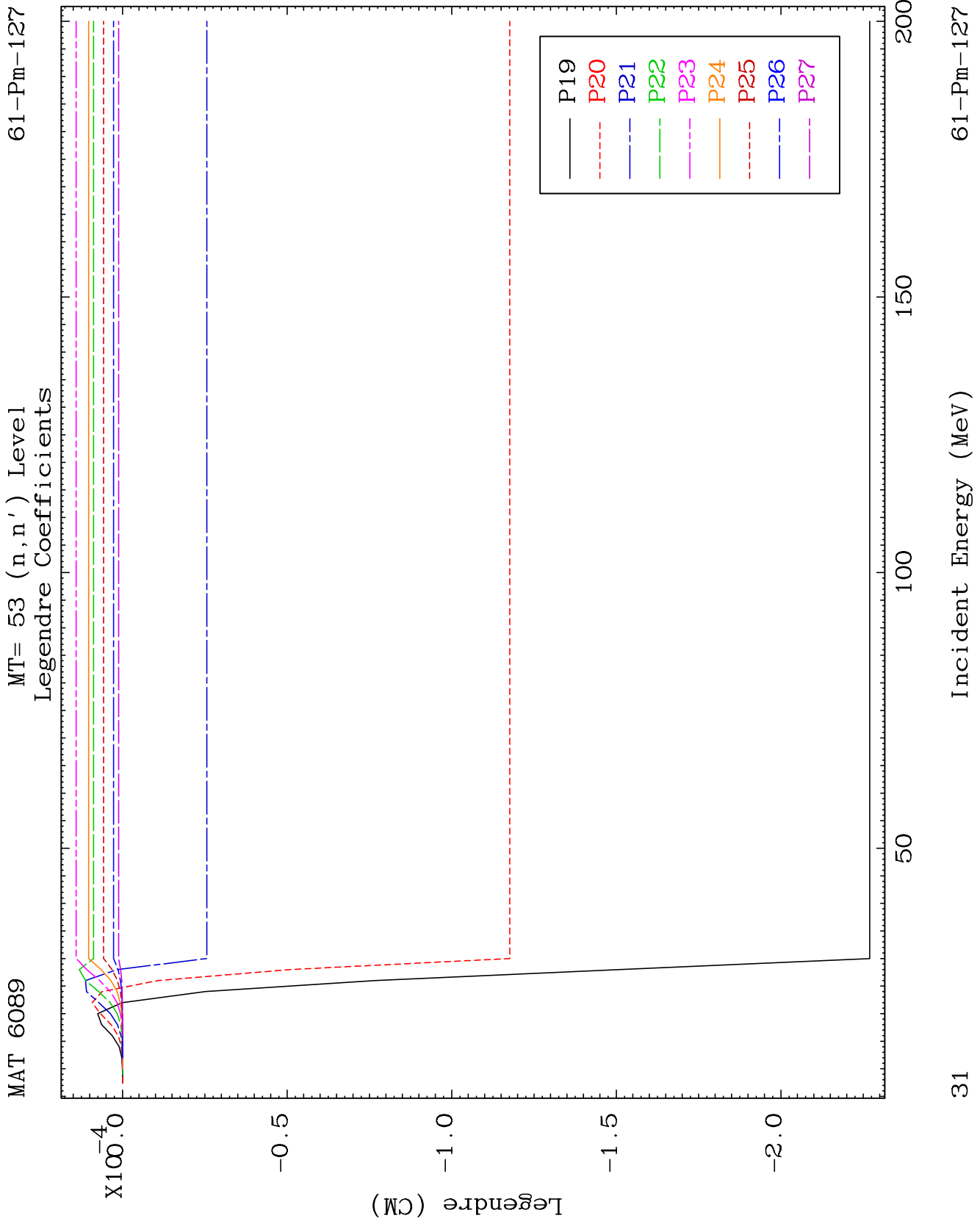
61-Pm-127



61-Pm-127

Incident Energy (MeV)

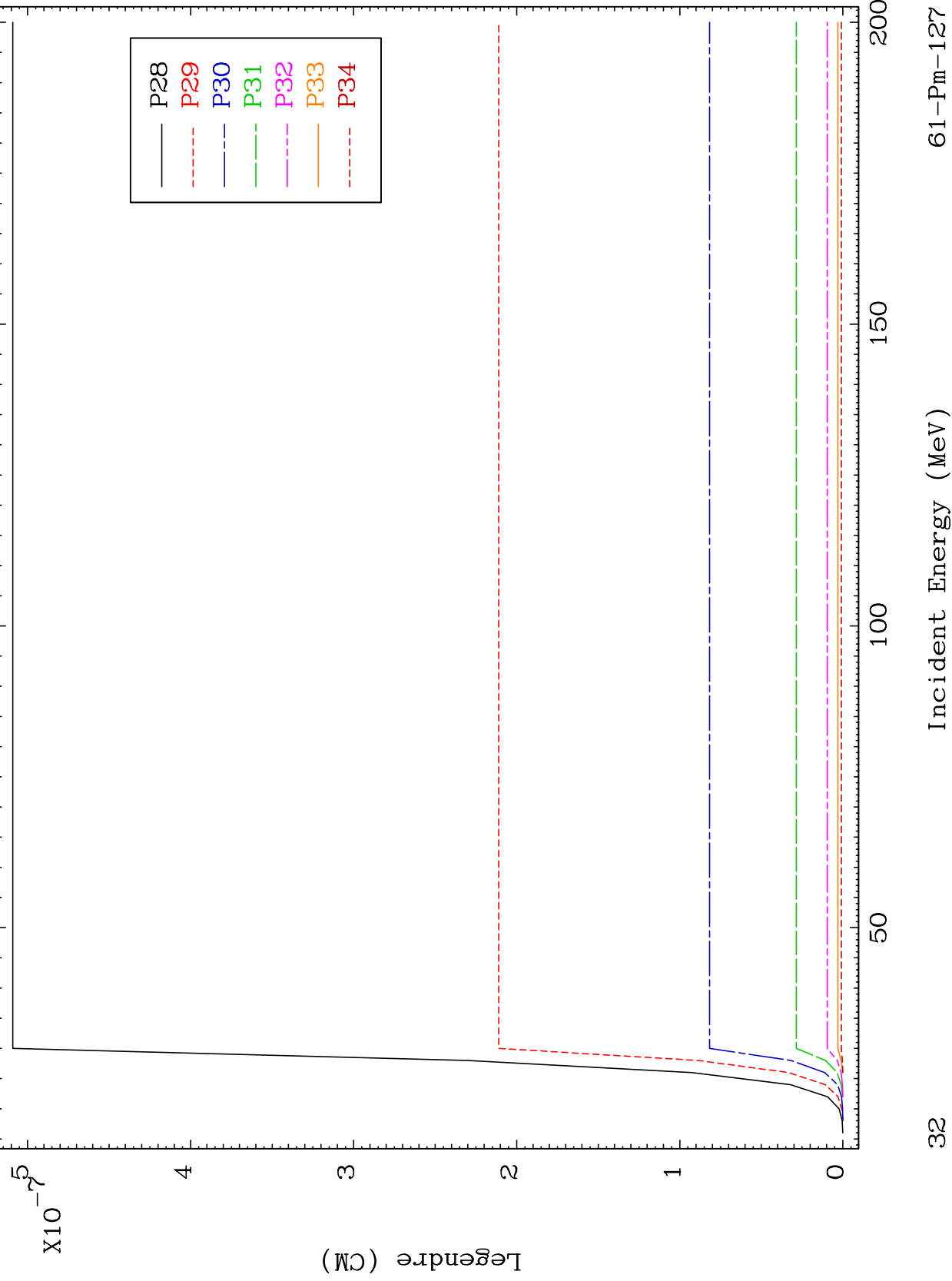
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MAT 6089

MT= 53 (n,n') Level
Legendre Coefficients

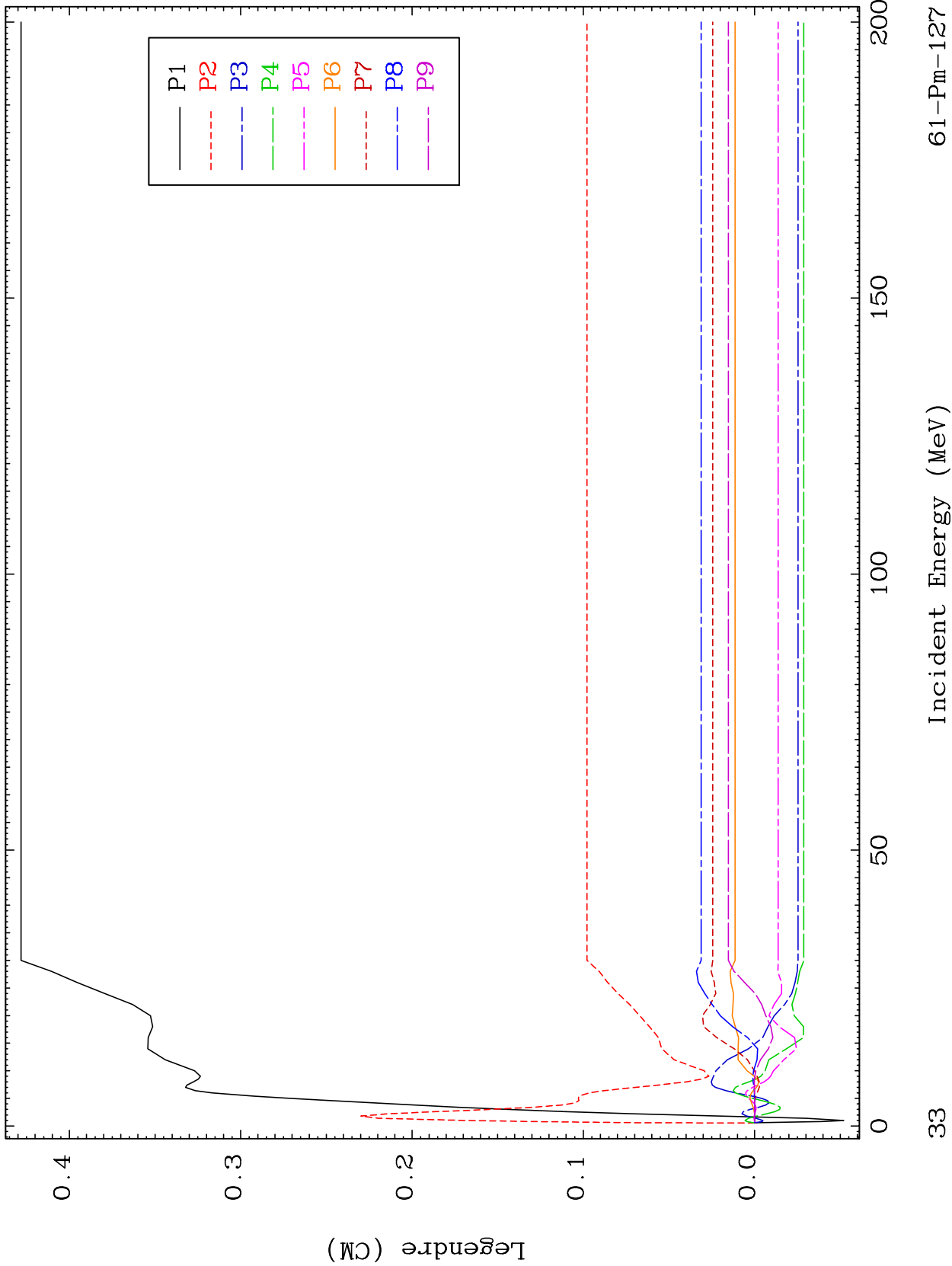
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Incident Energy (MeV)

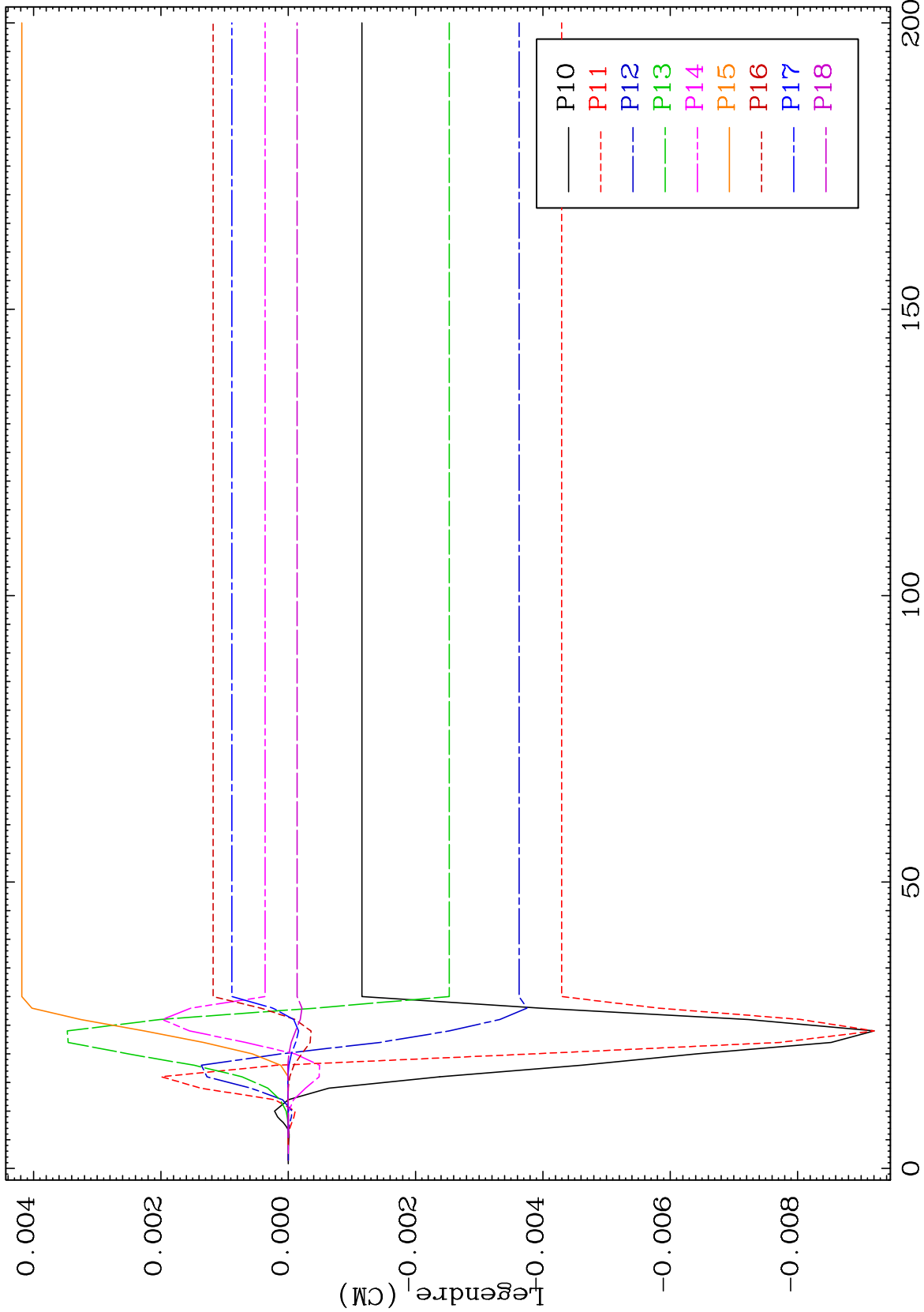
61-Pm-127



MAT 6089

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-127



34

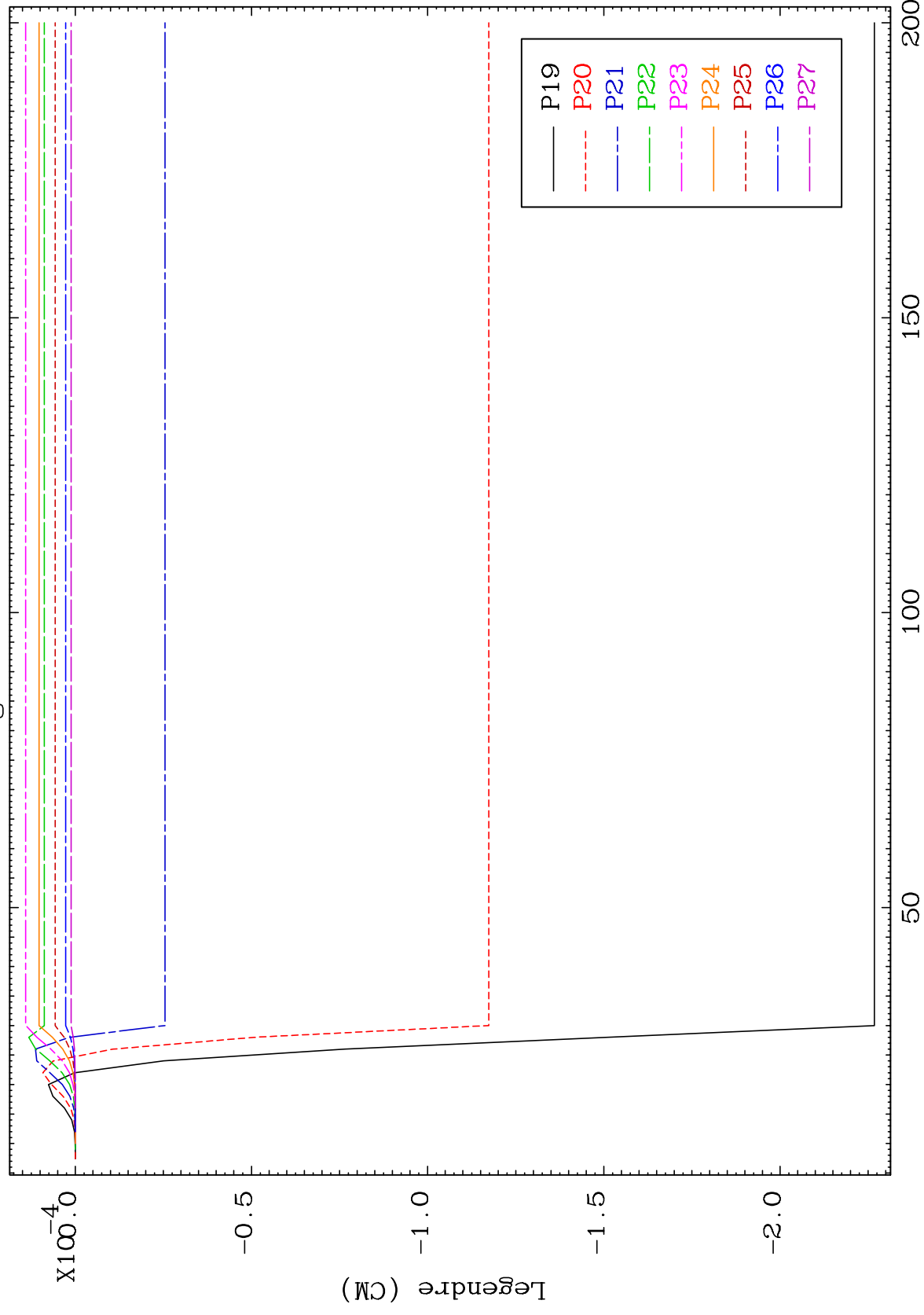
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-127



35

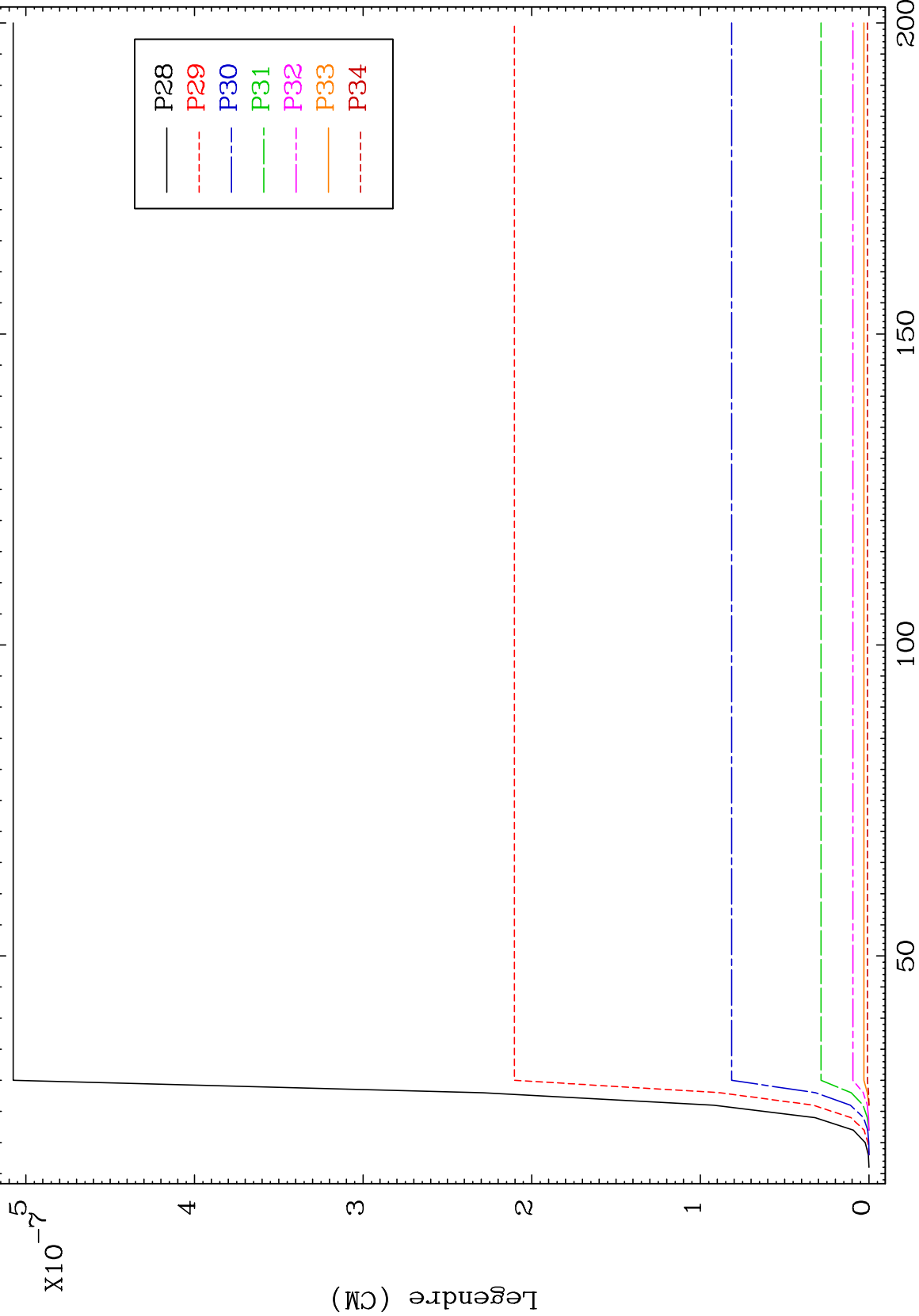
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 54 (n,n') Level
Legendre Coefficients

61-Pm-127



36

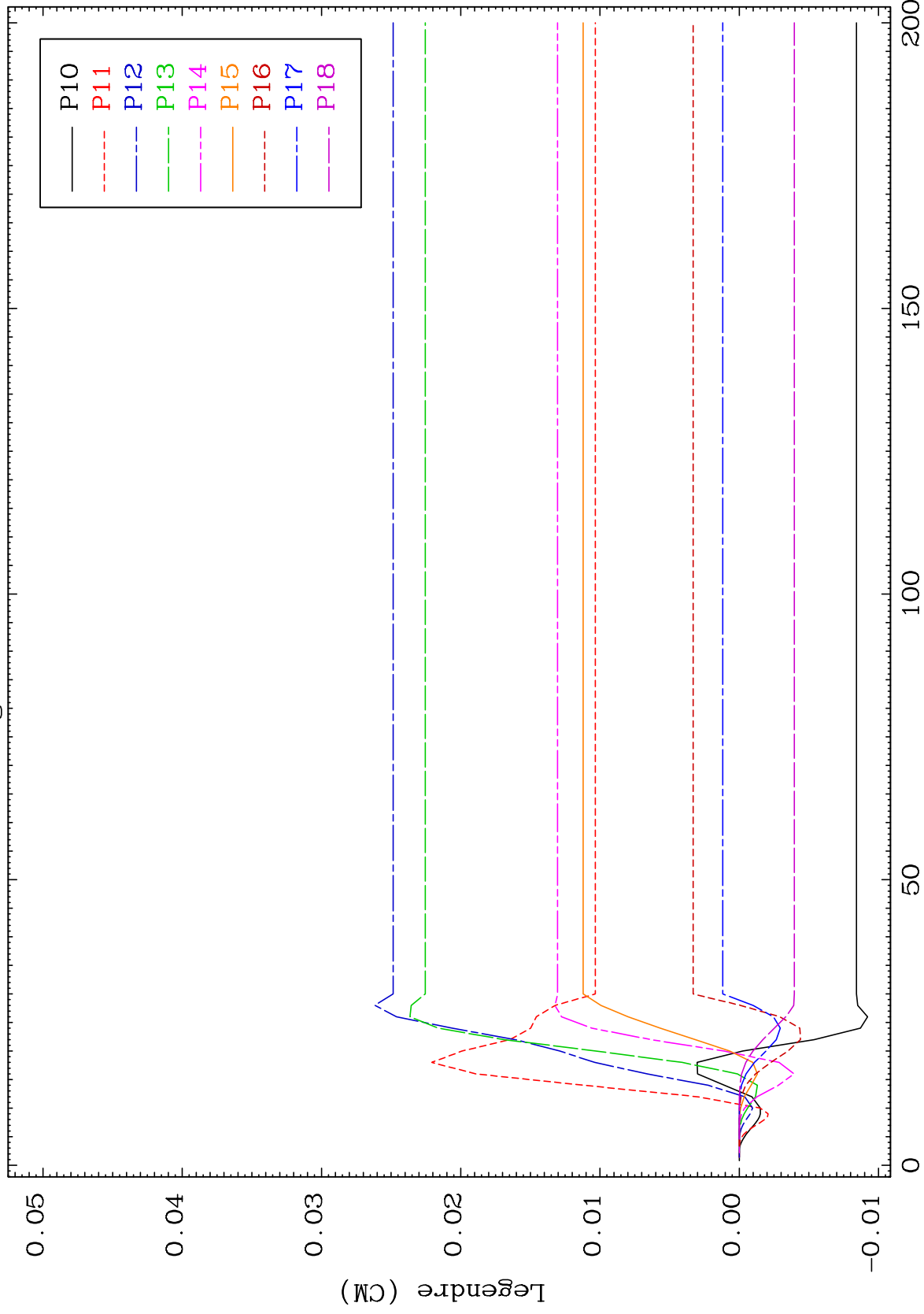
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 55 (n,n') Level
Legendre Coefficients

61-Pm-127



38

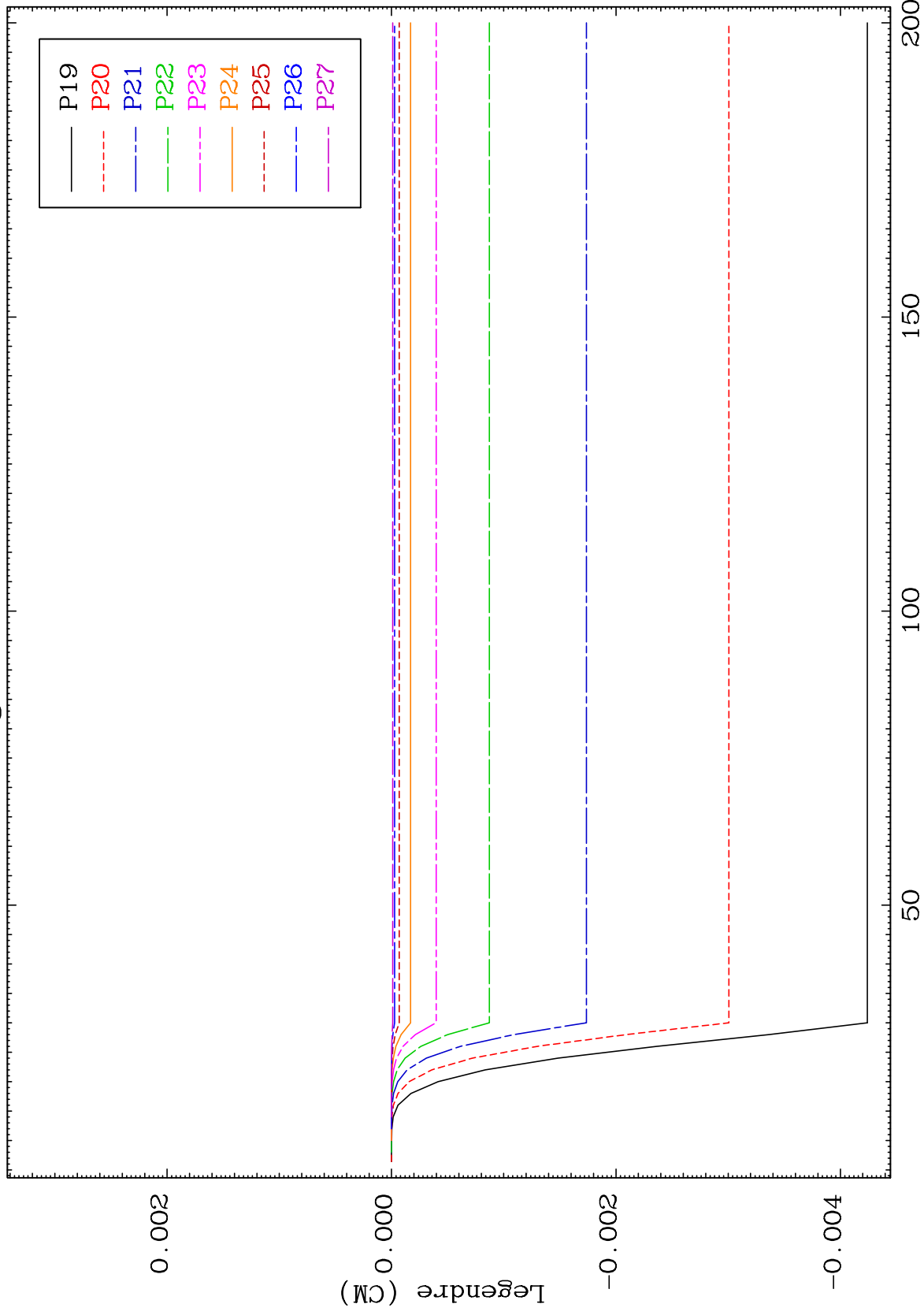
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 55 (n,n') Level
Legendre Coefficients

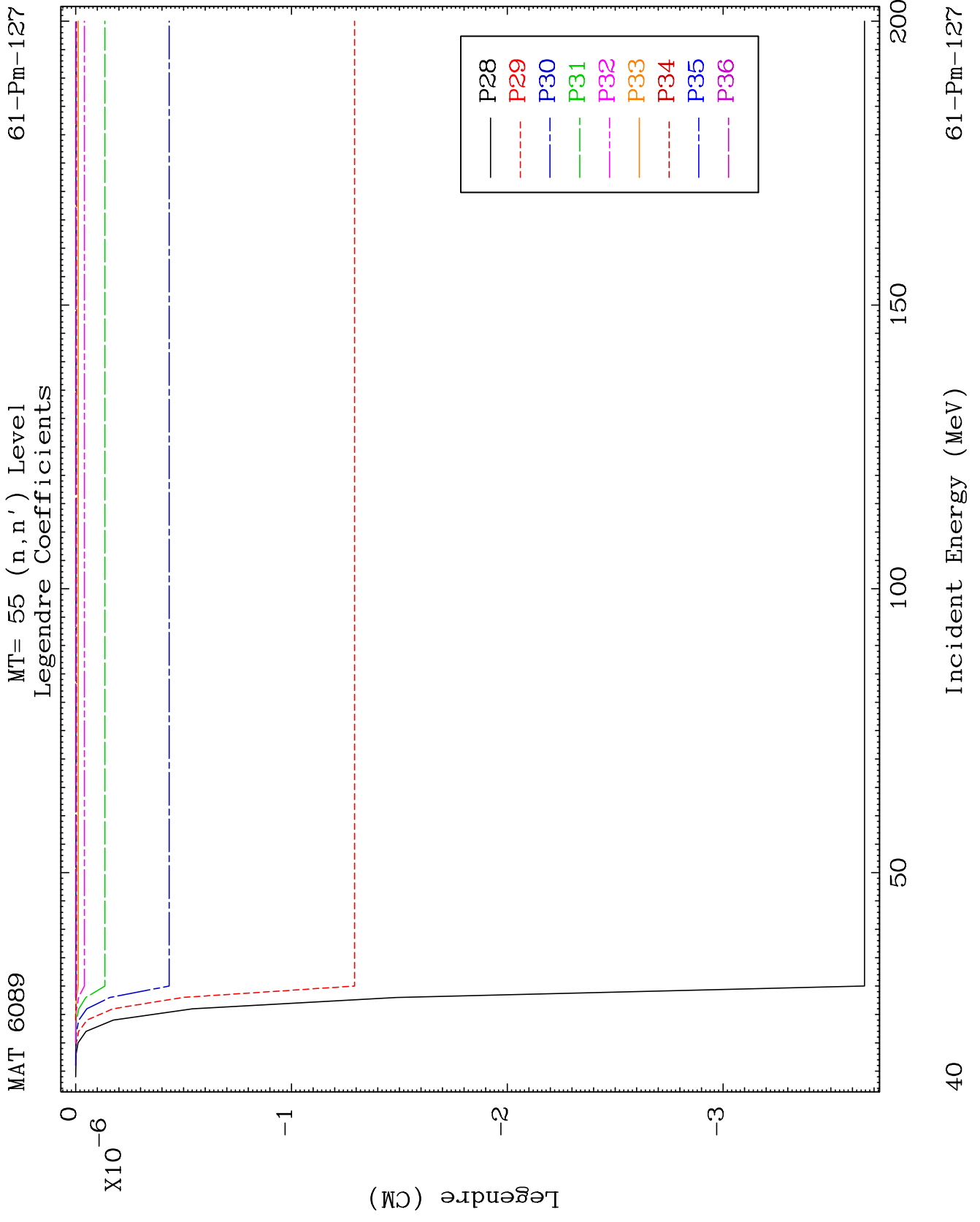
61-Pm-127



39

Incident Energy (MeV)

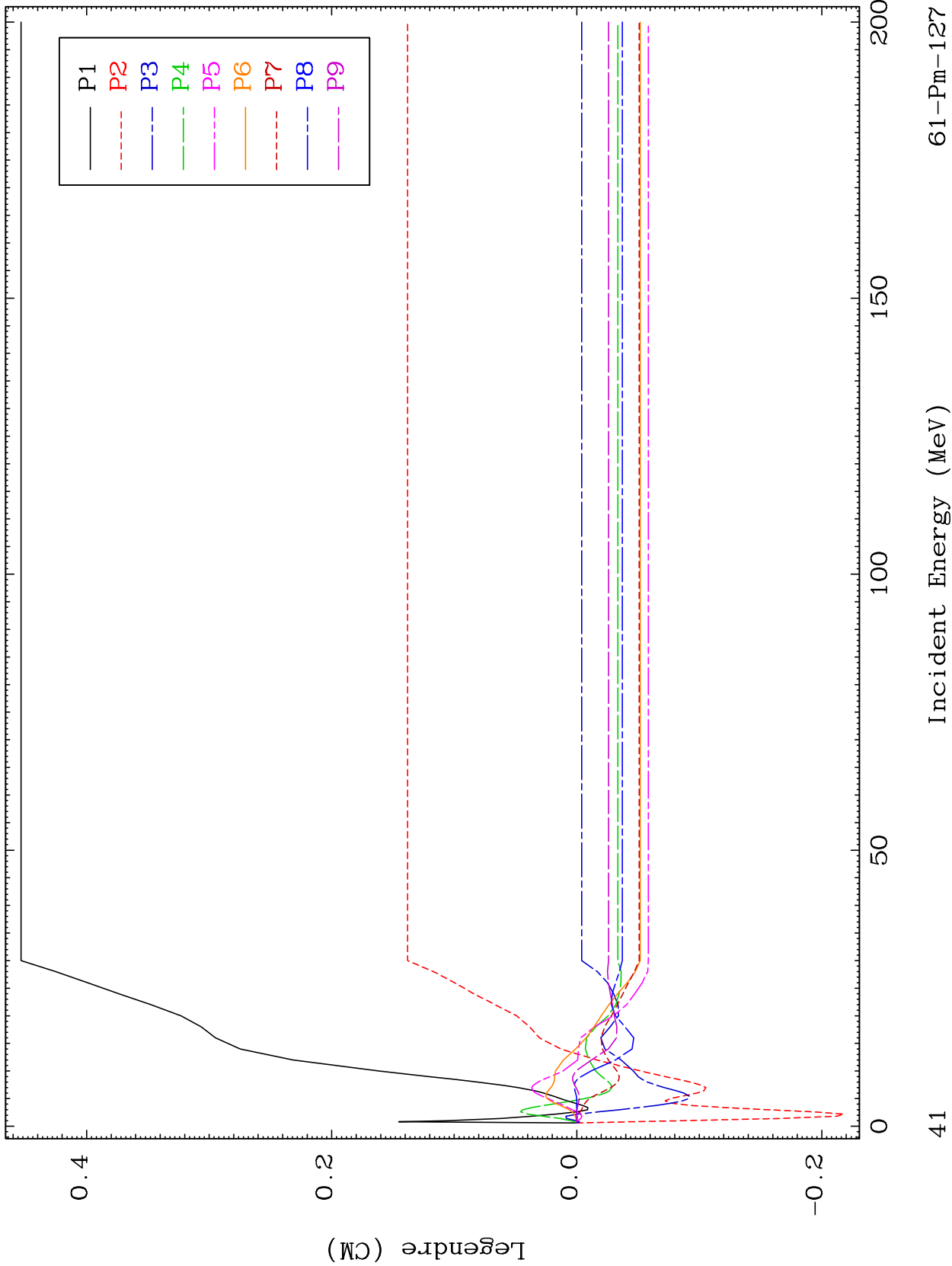
61-Pm-127



MAT 6089

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

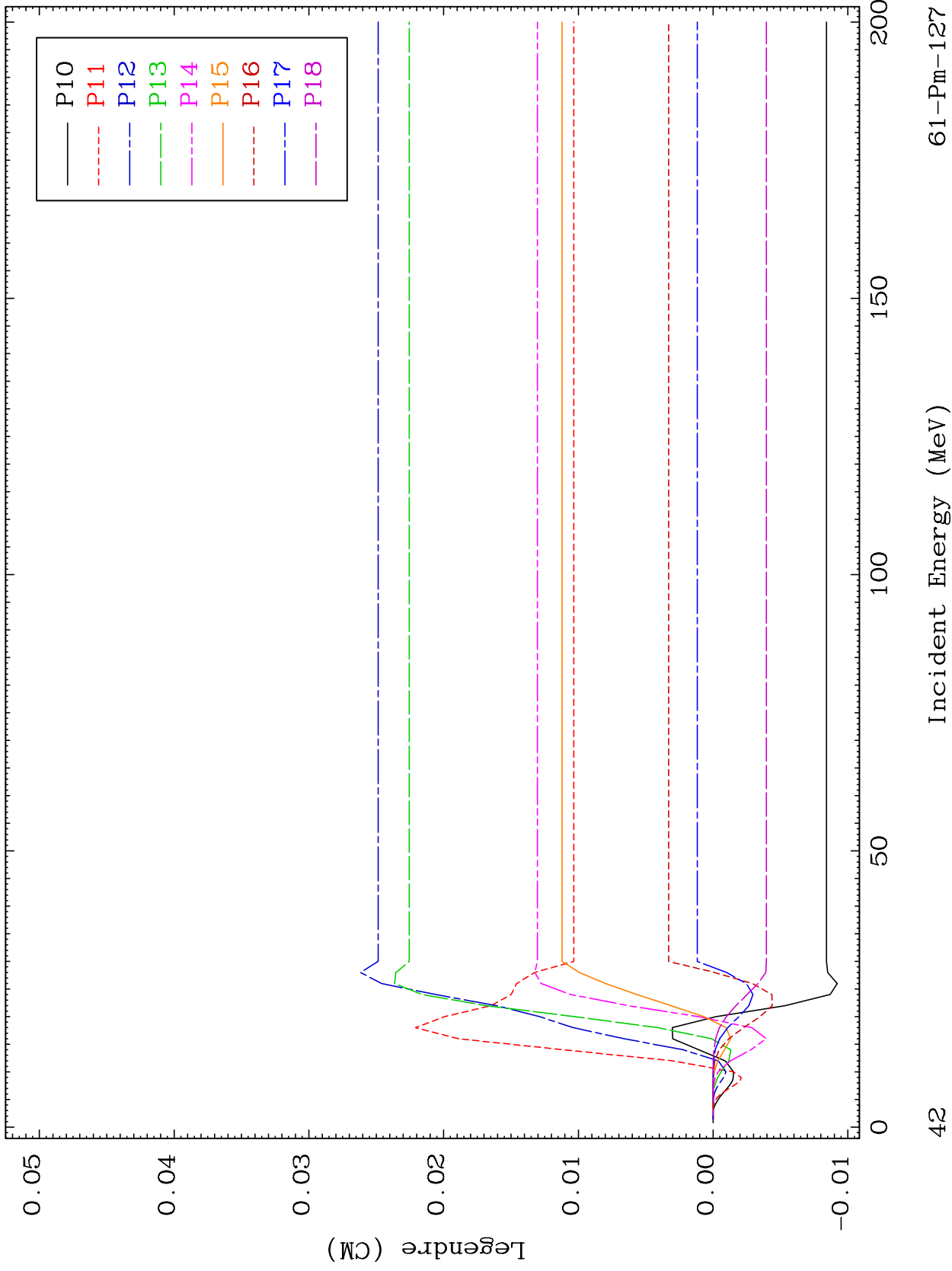
Incident Energy (MeV)

41

MAT 6089

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

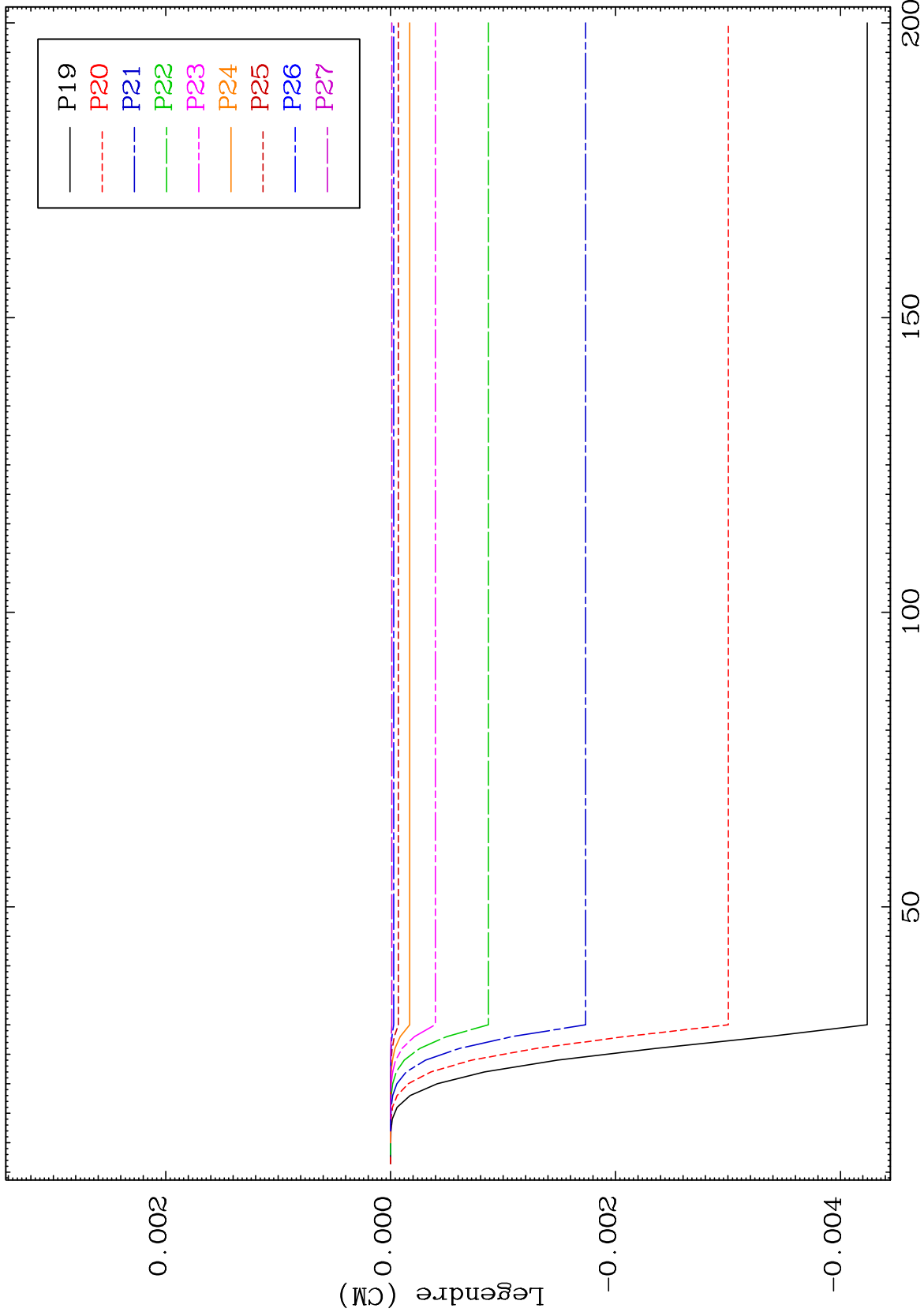
Incident Energy (MeV)

42

MAT 6089

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-127



43

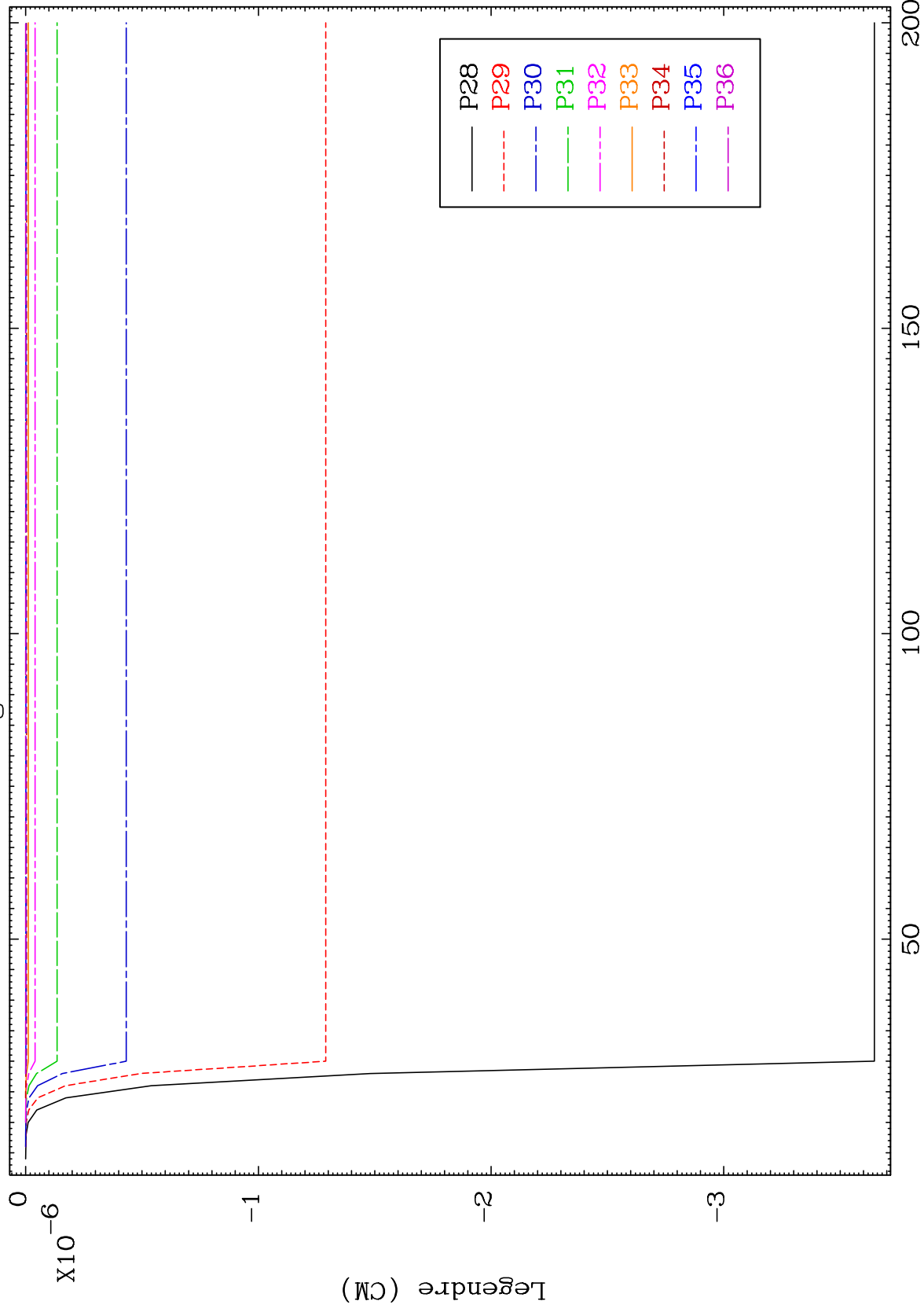
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 56 (n,n') Level
Legendre Coefficients

61-Pm-127



44

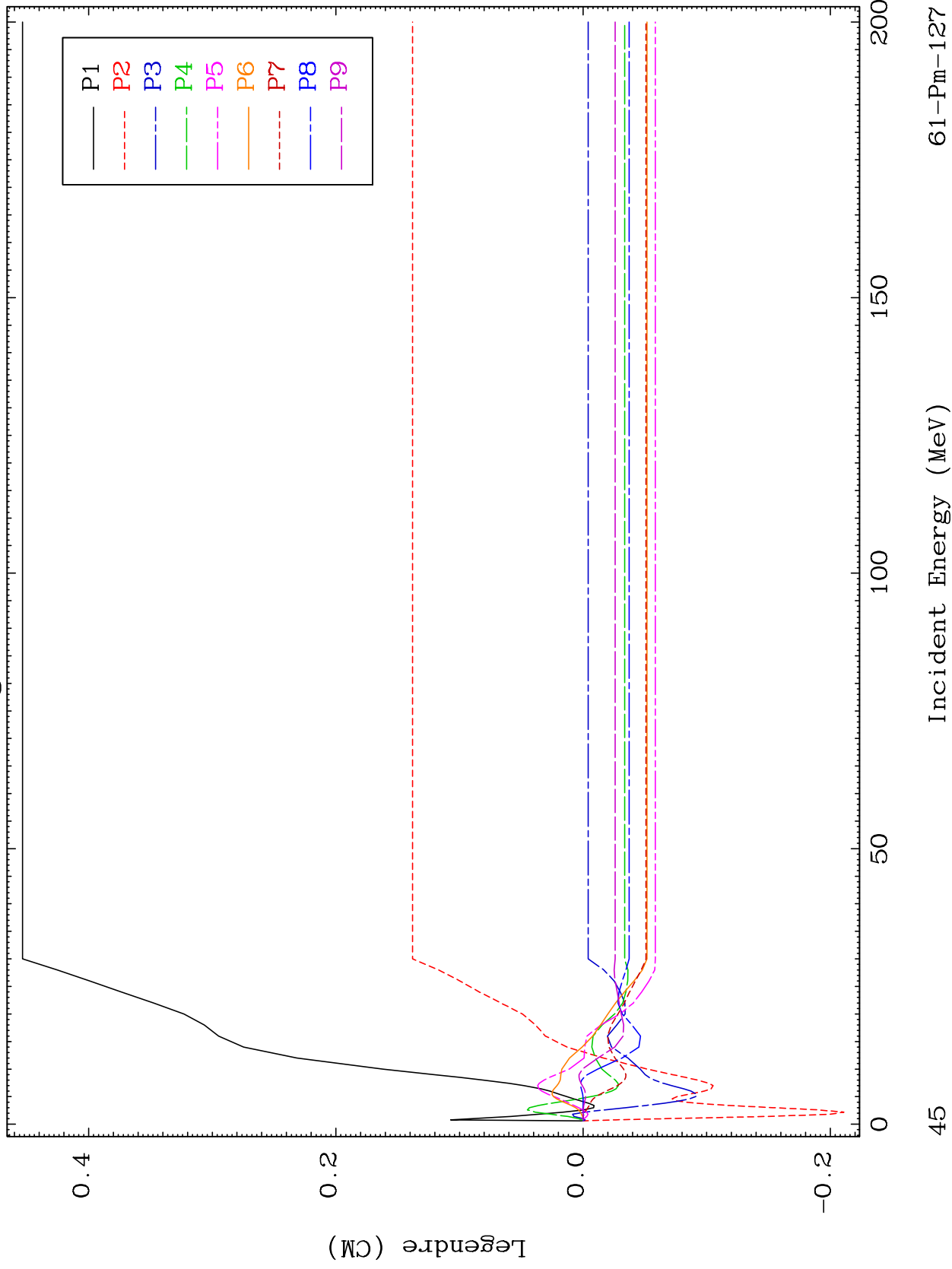
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 57 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

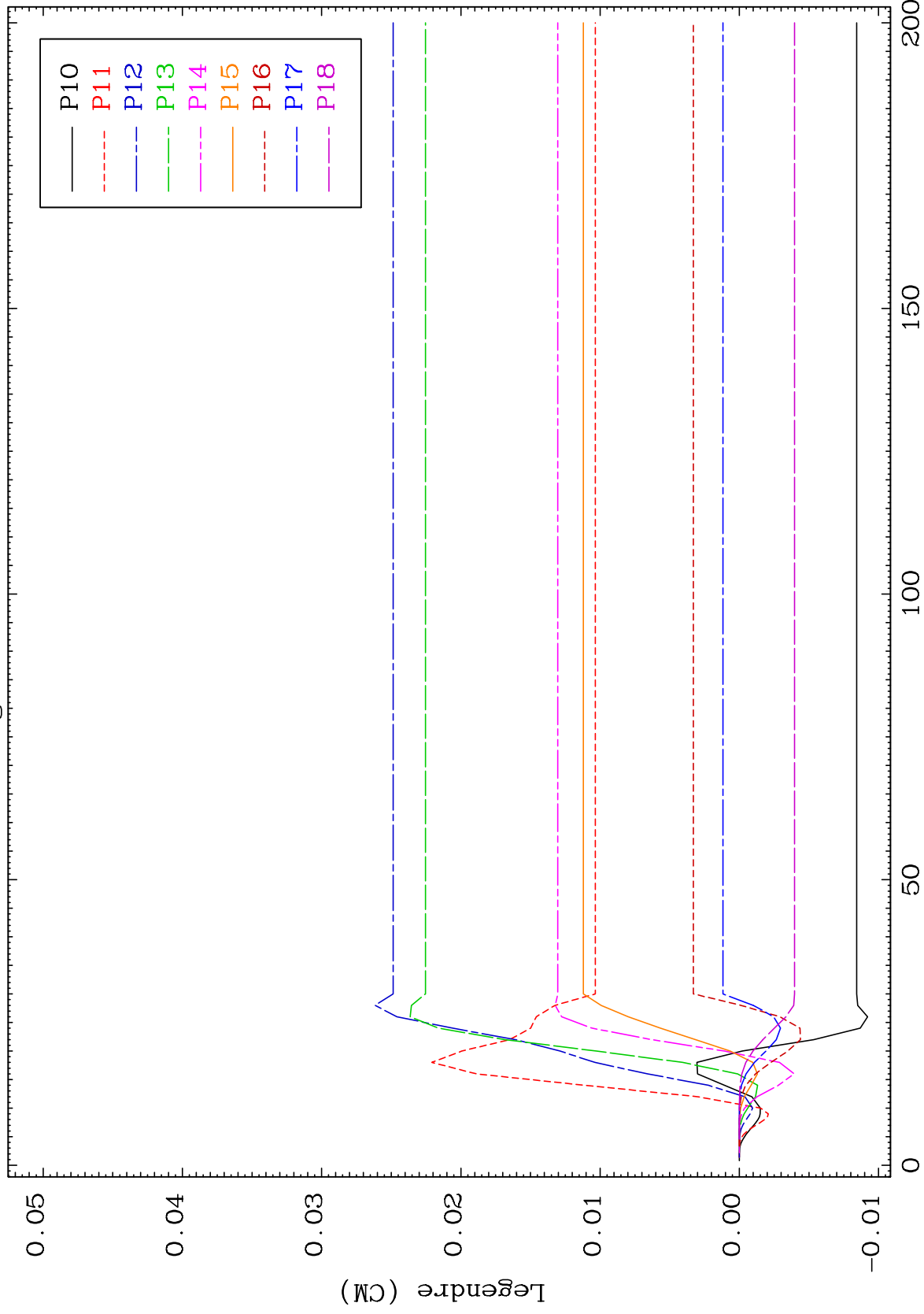
Incident Energy (MeV)

45

MAT 6089

MT= 57 (n,n') Level
Legendre Coefficients

61-Pm-127



46

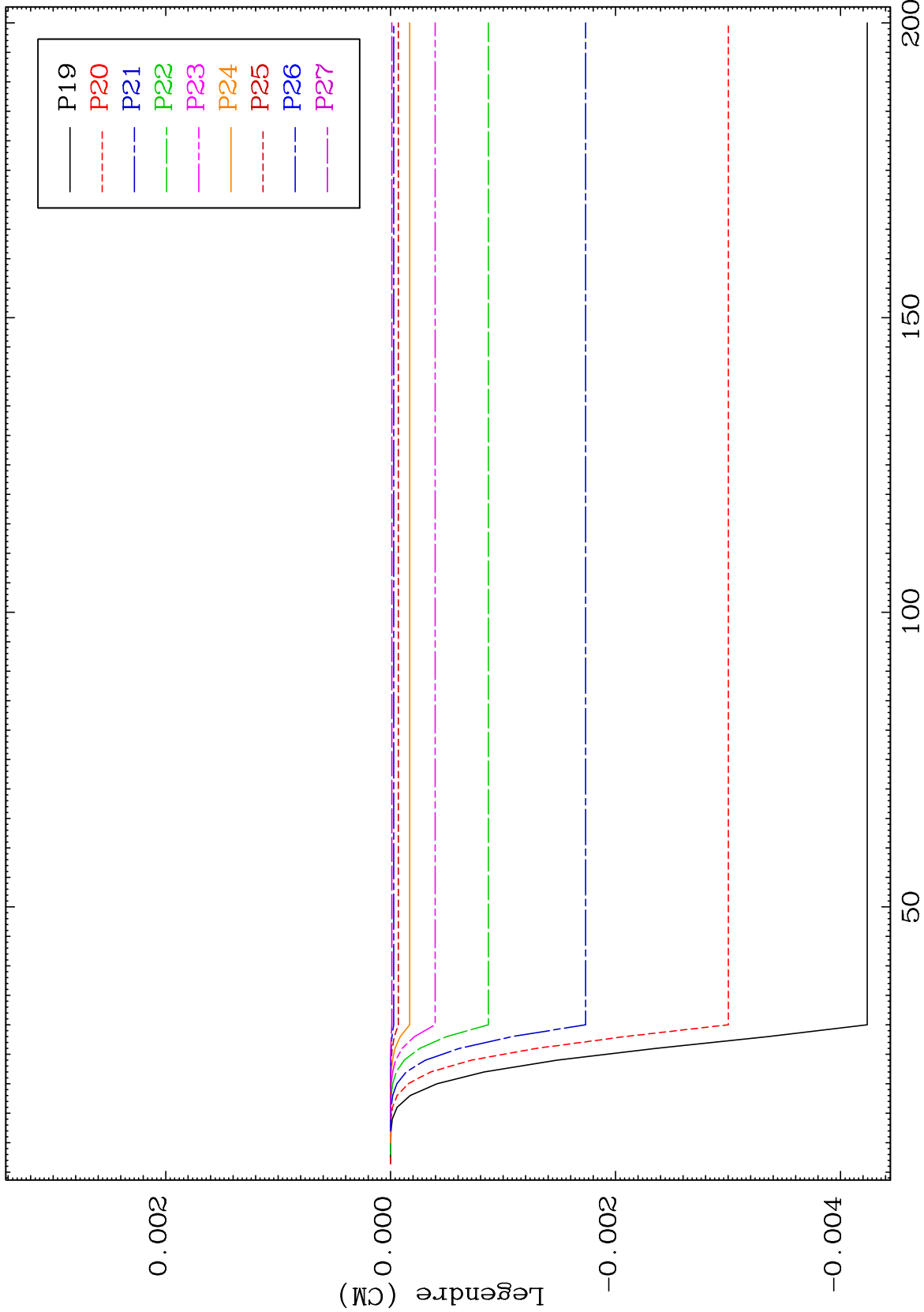
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 57 (n,n') Level
Legendre Coefficients

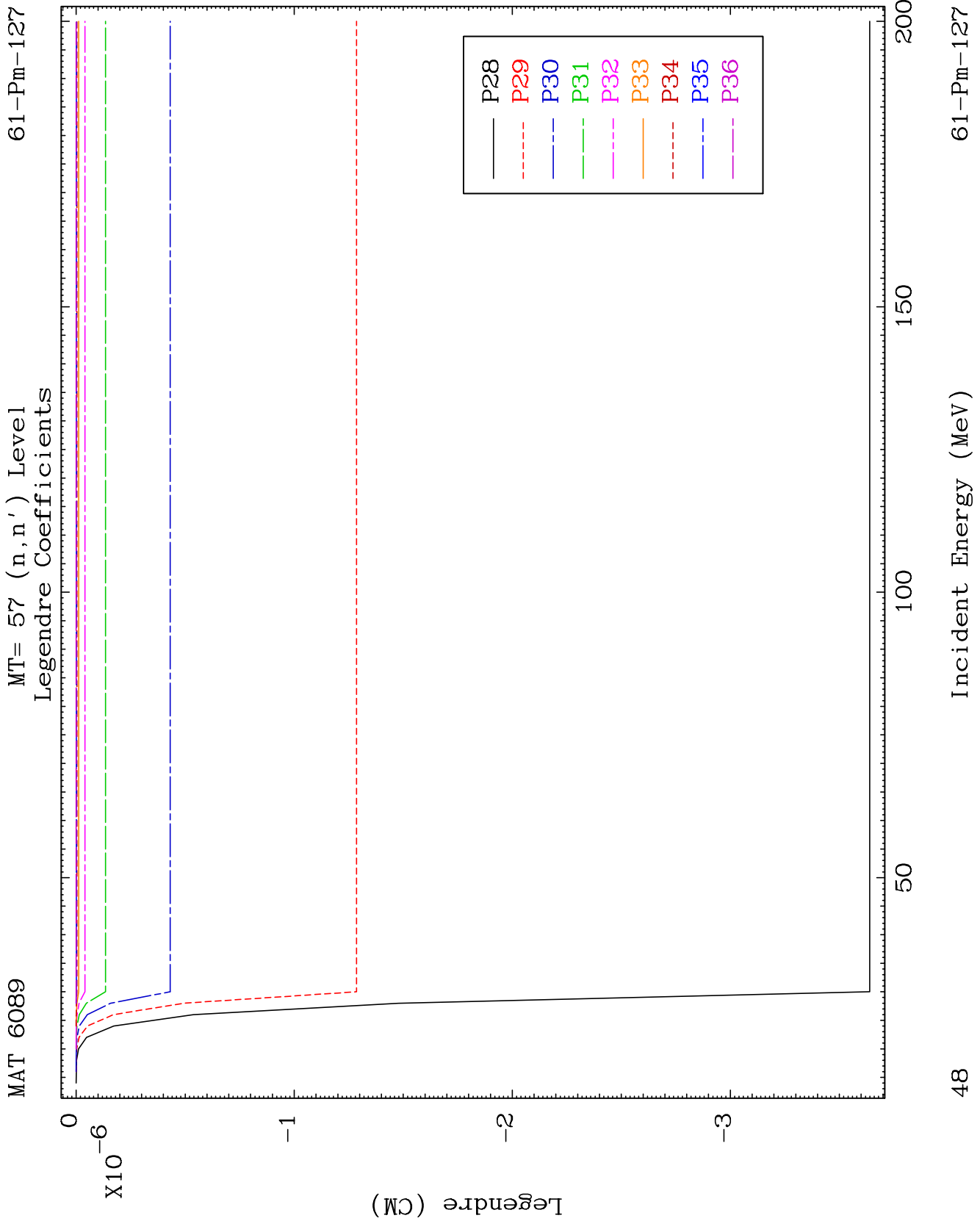
61-Pm-127



47

Incident Energy (MeV)

61-Pm-127



61-Pm-127

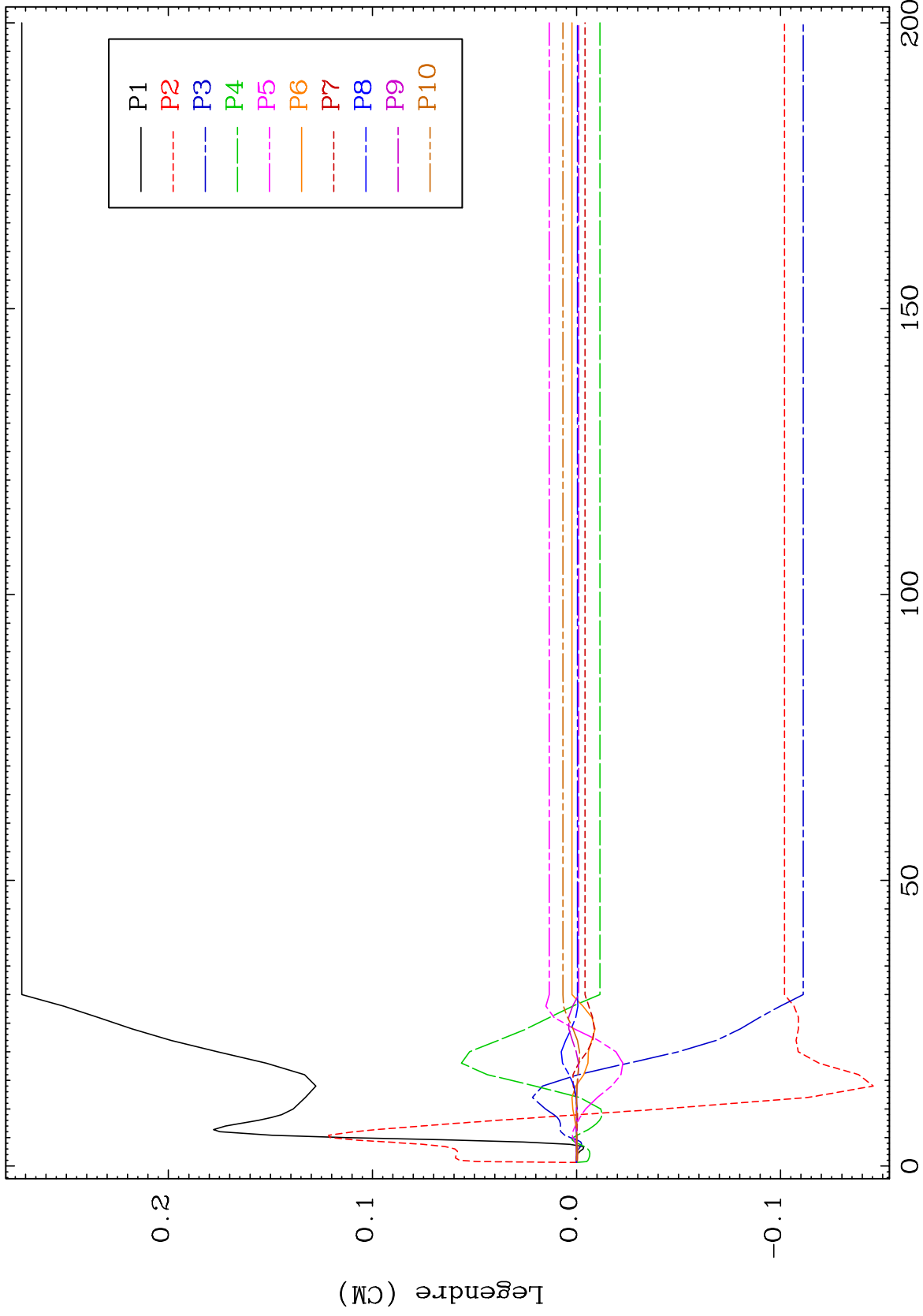
Incident Energy (MeV)

48

MAT 6089

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-127



49

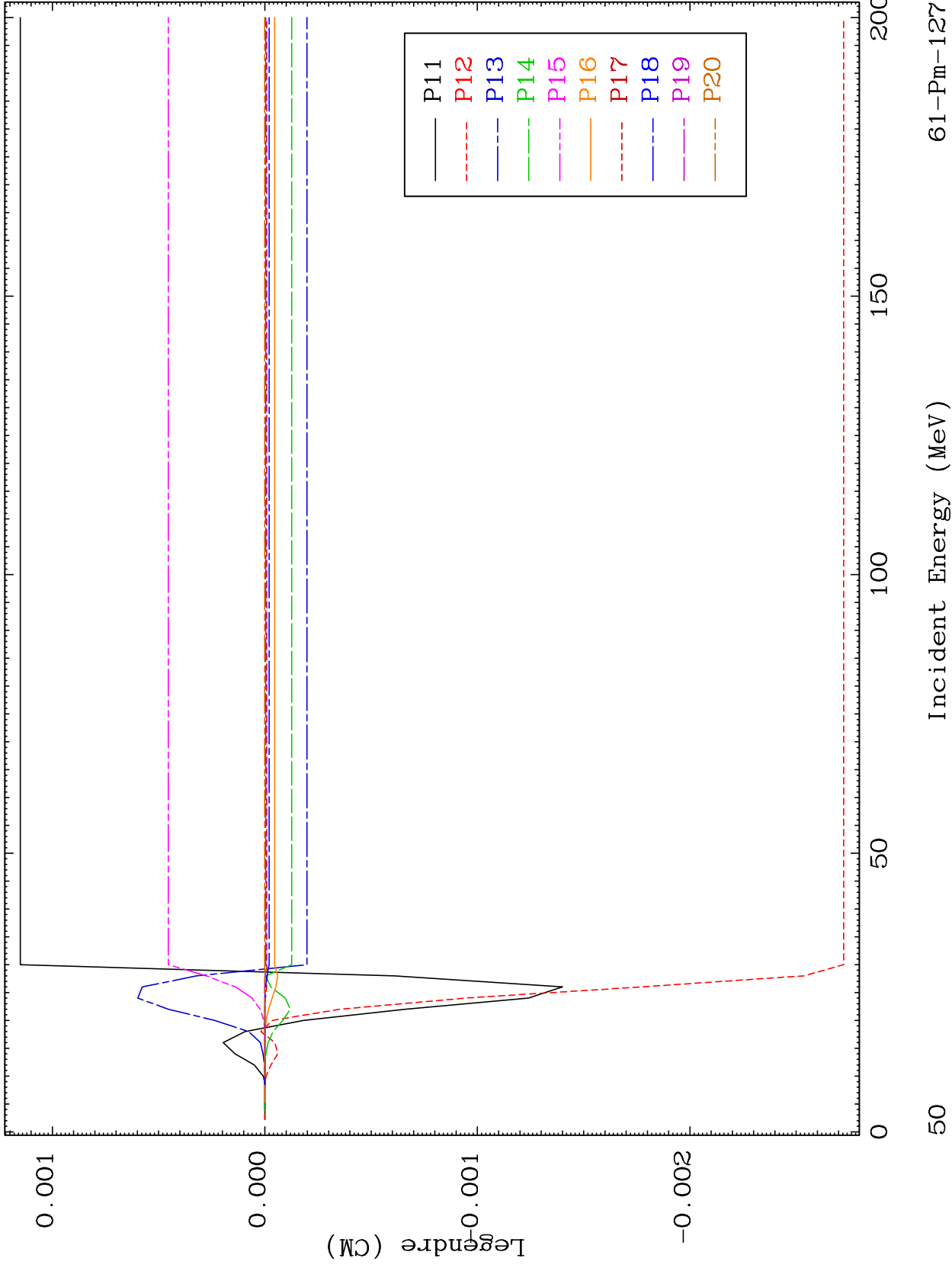
61-Pm-127

61-Pm-127

MAT 6089

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

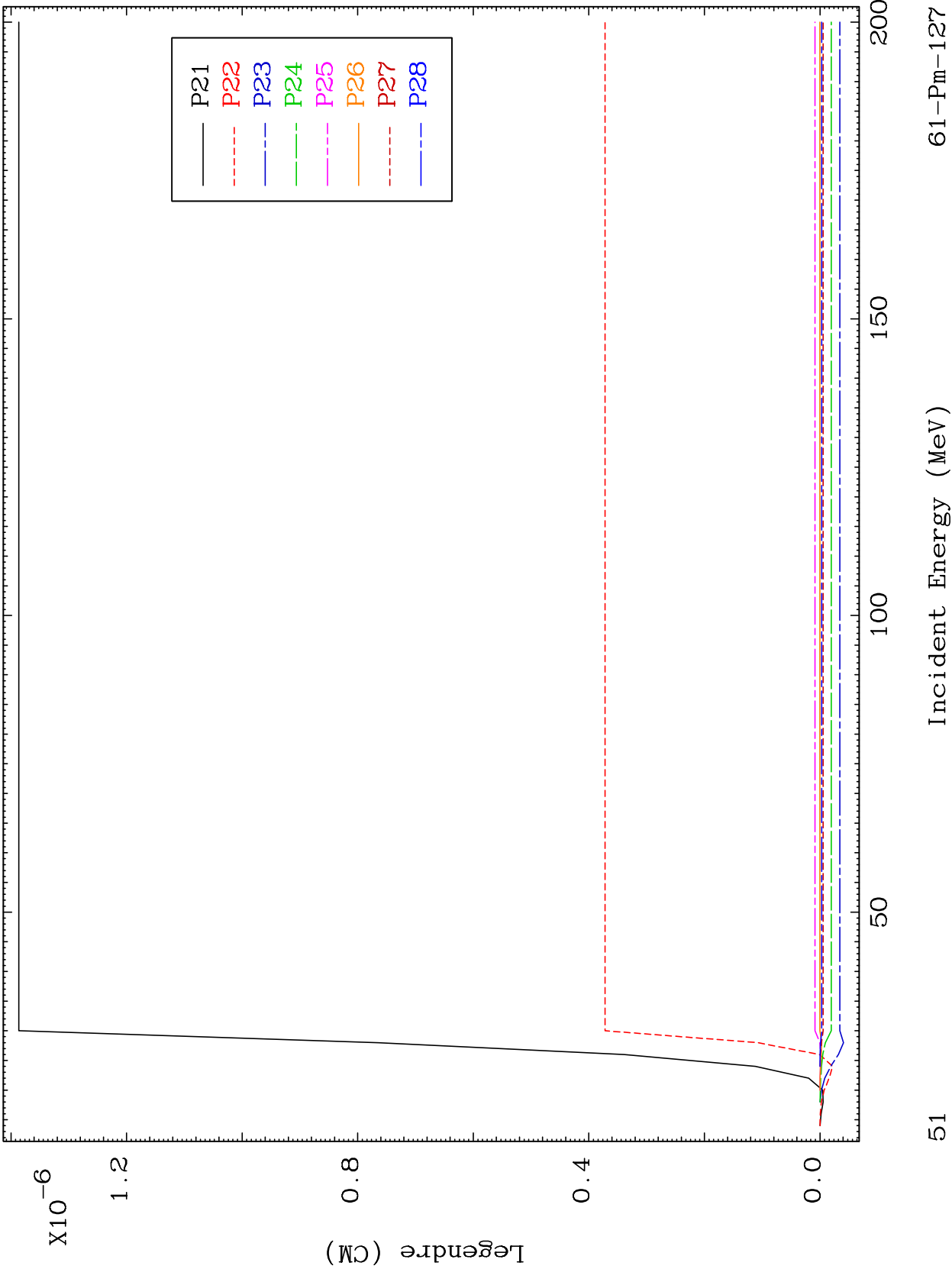
Incident Energy (MeV)

50

MAT 6089

MT= 58 (n,n') Level
Legendre Coefficients

61-Pm-127



51

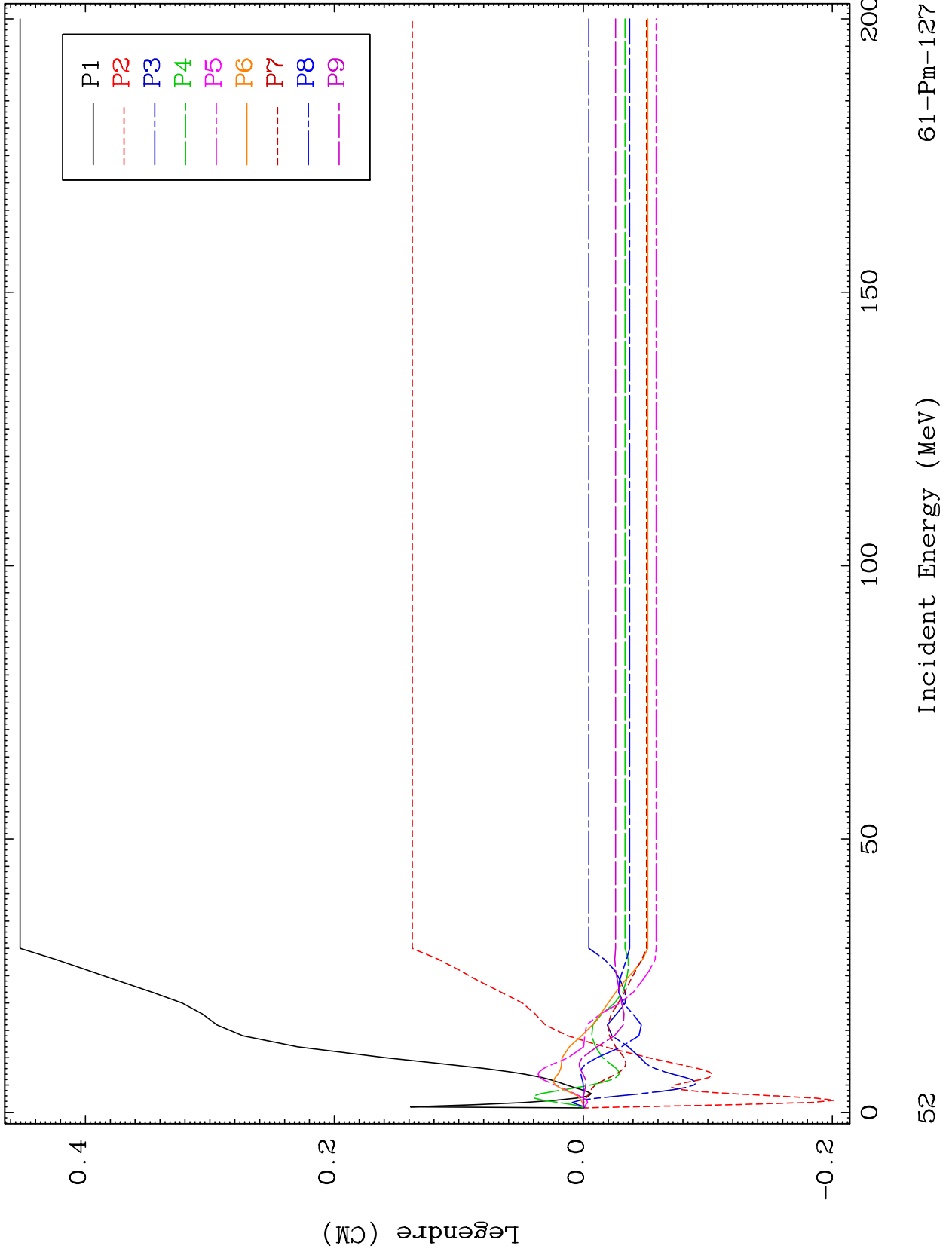
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 59 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

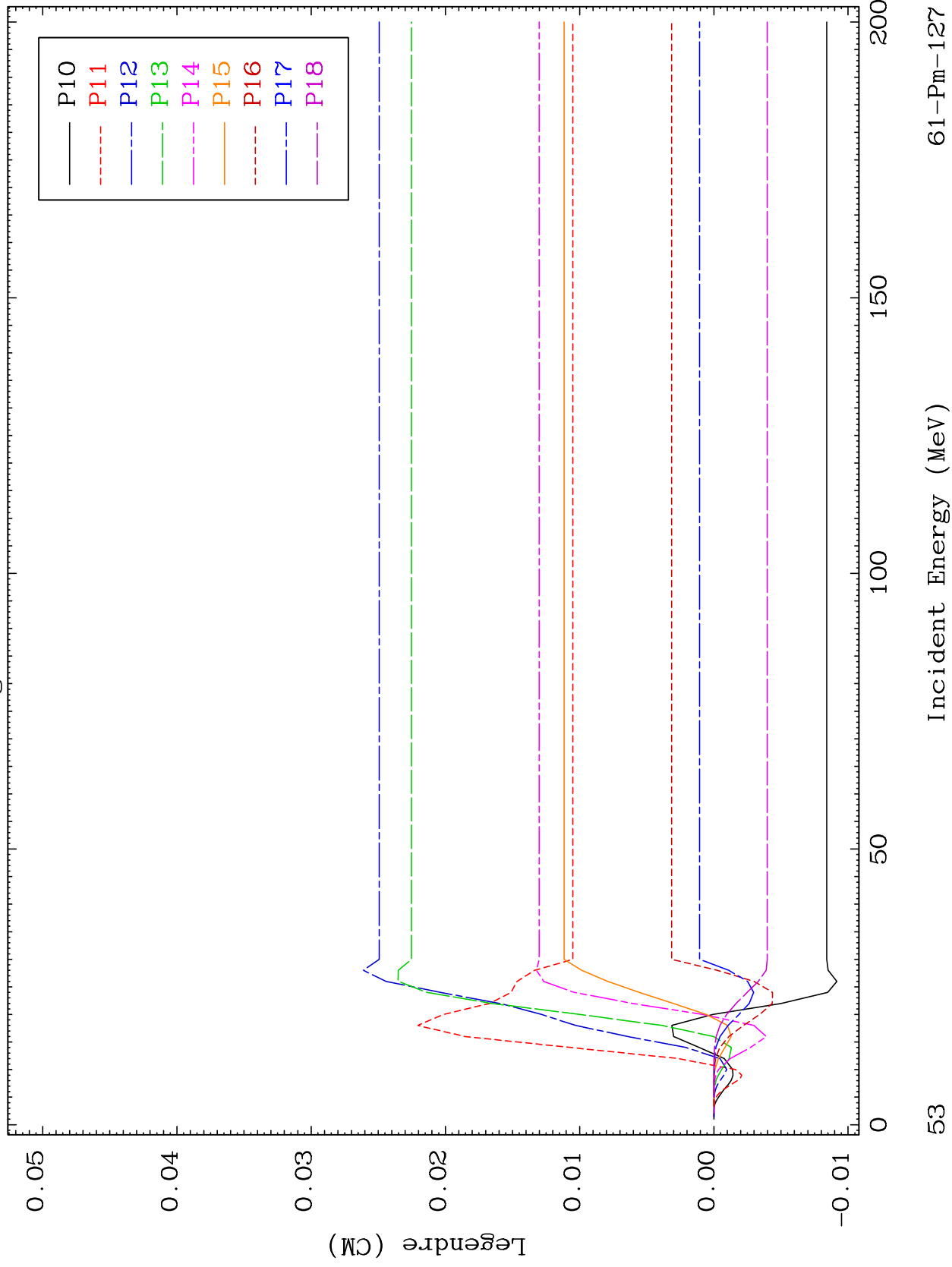
Incident Energy (MeV)

52

MAT 6089

MT= 59 (n,n') Level
Legendre Coefficients

61-Pm-127



53

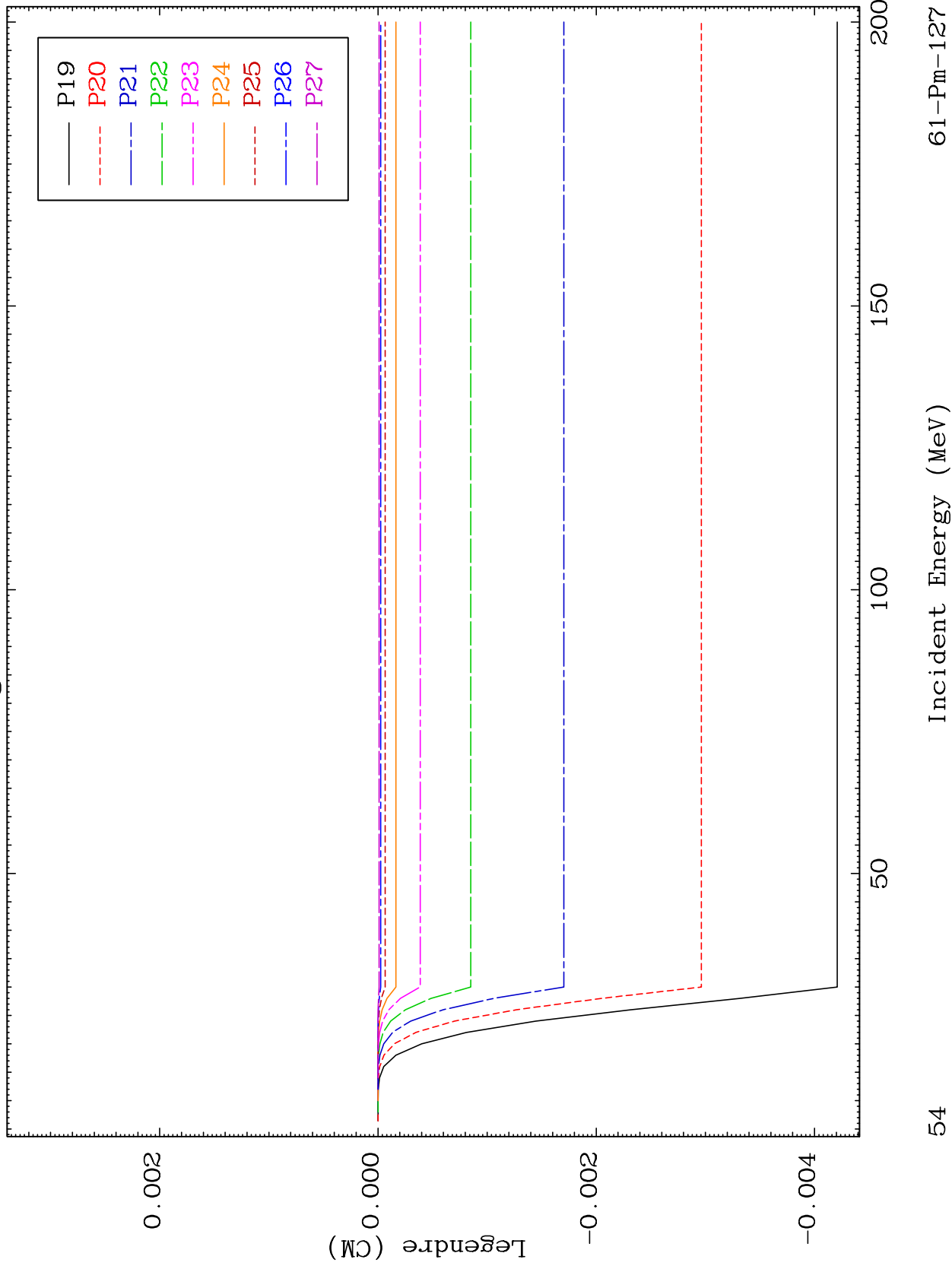
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 59 (n,n') Level
Legendre Coefficients

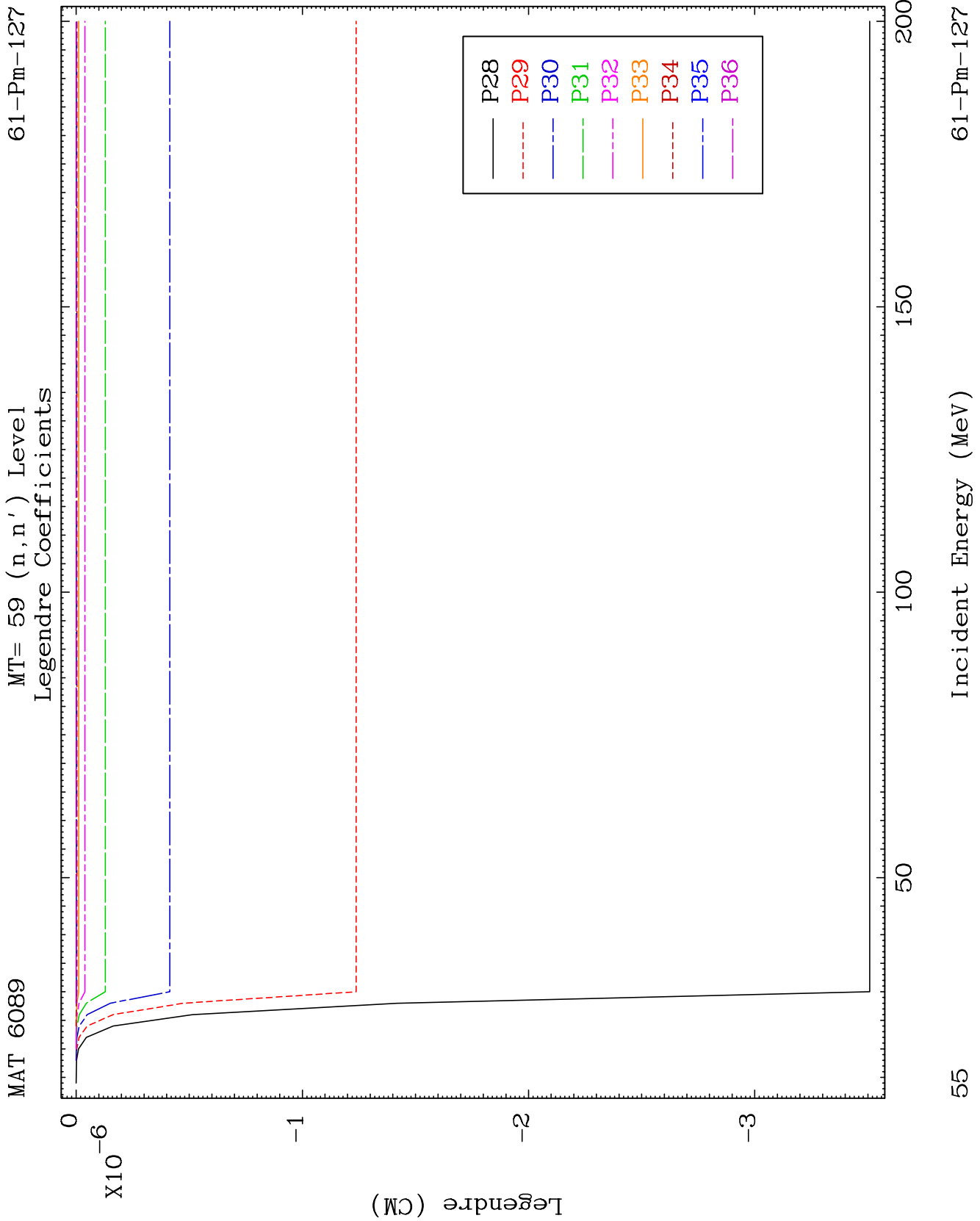
61-Pm-127



54

Incident Energy (MeV)

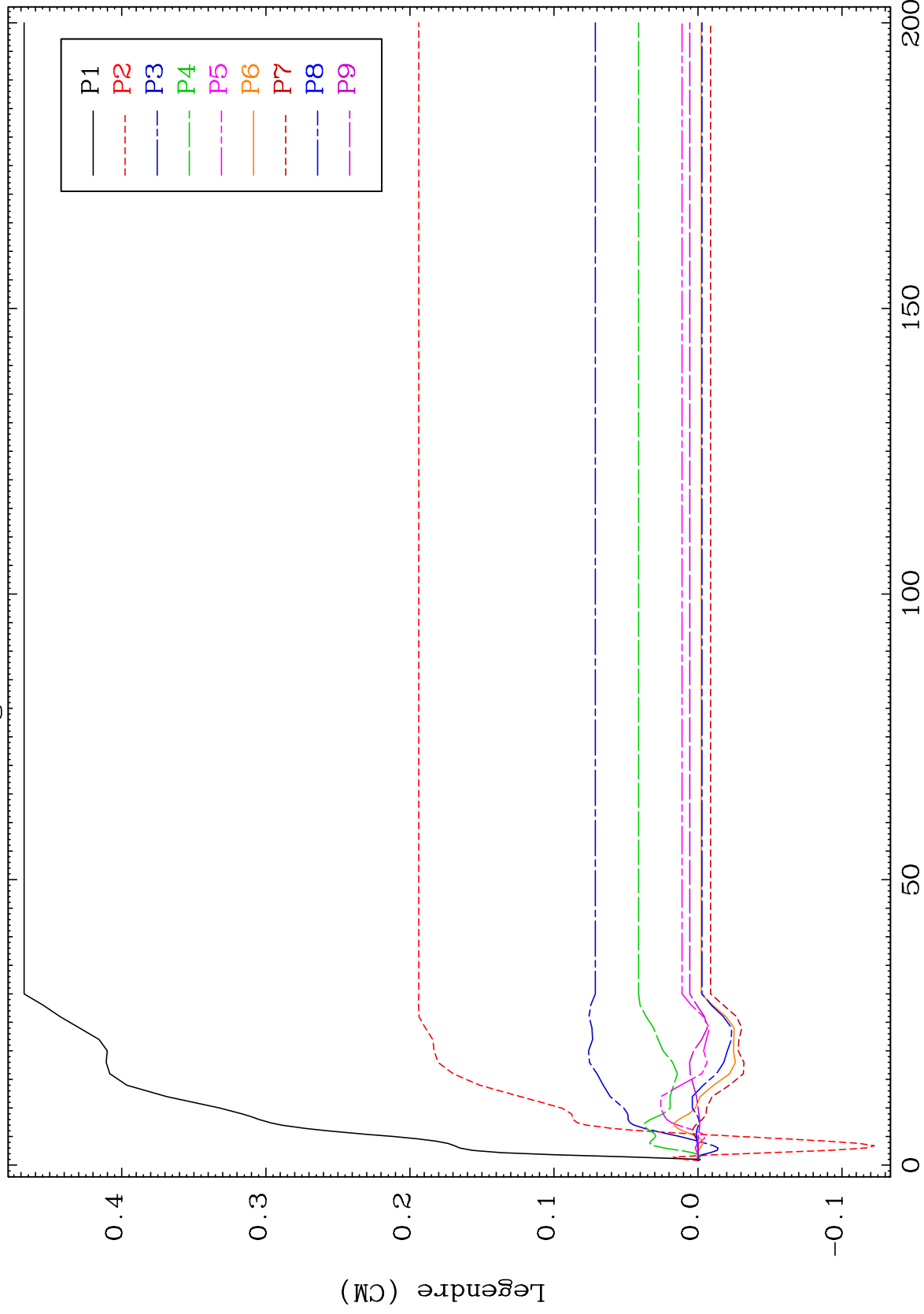
61-Pm-127



MAT 6089

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-127



56

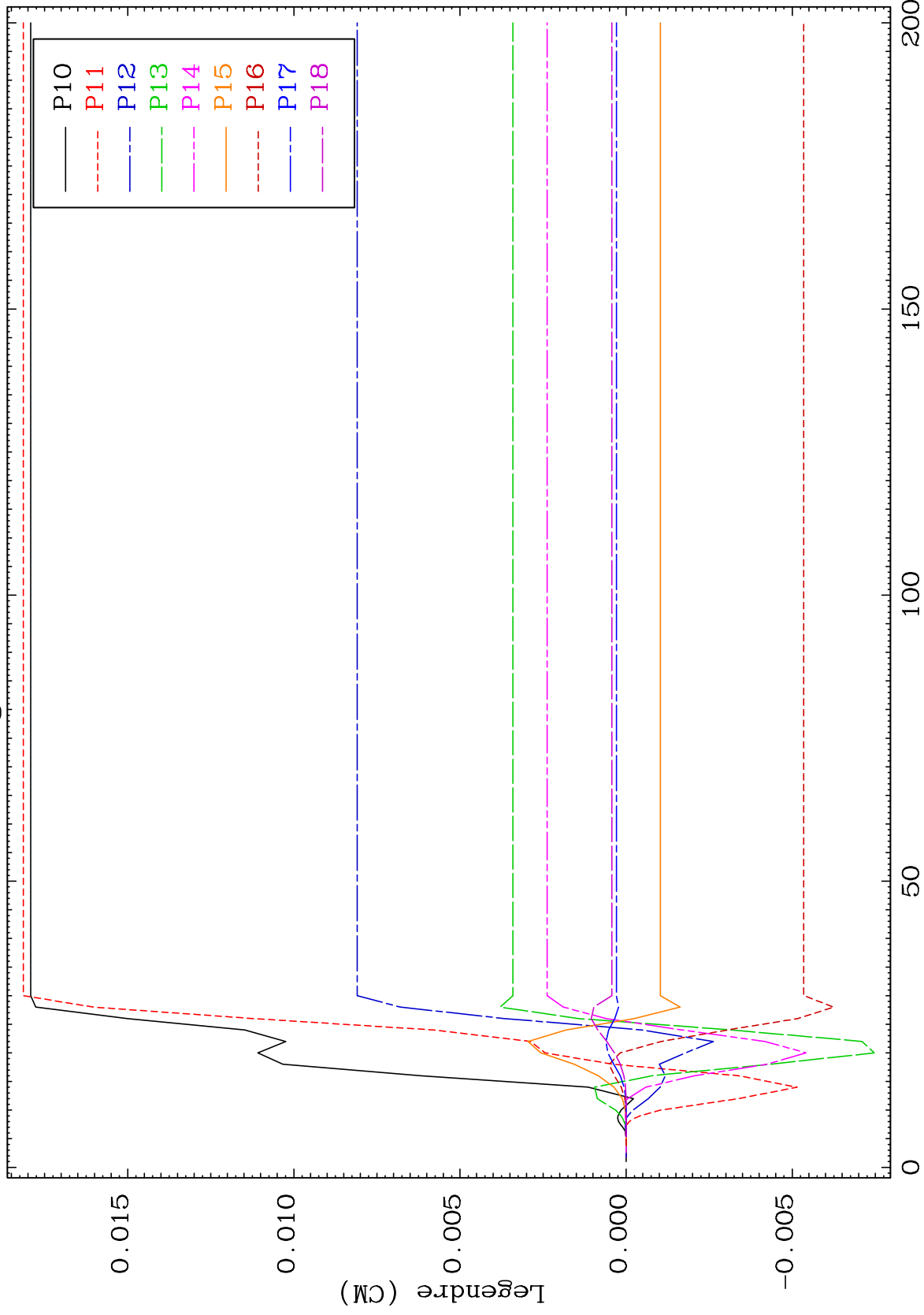
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-127



57

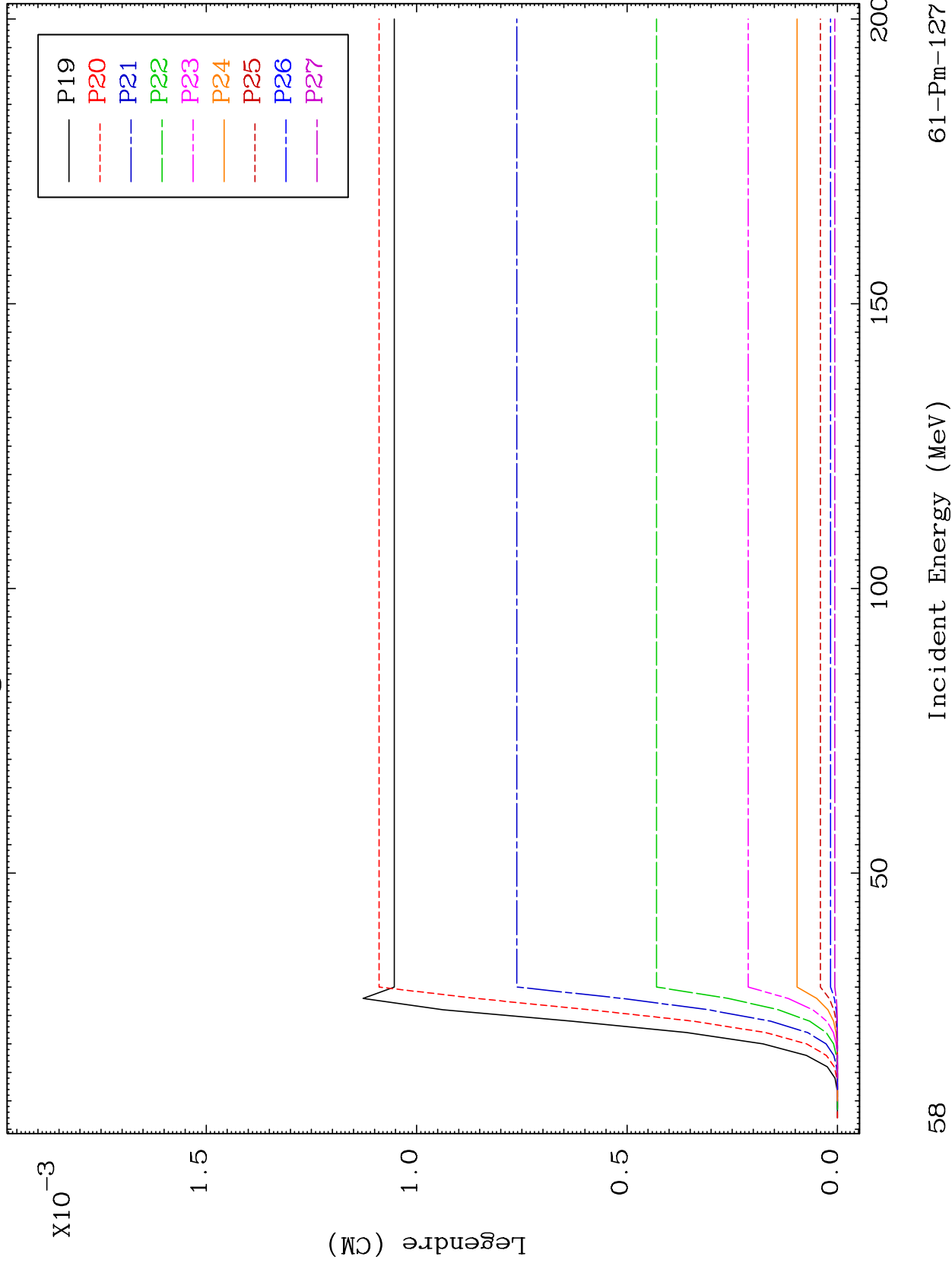
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-127



58

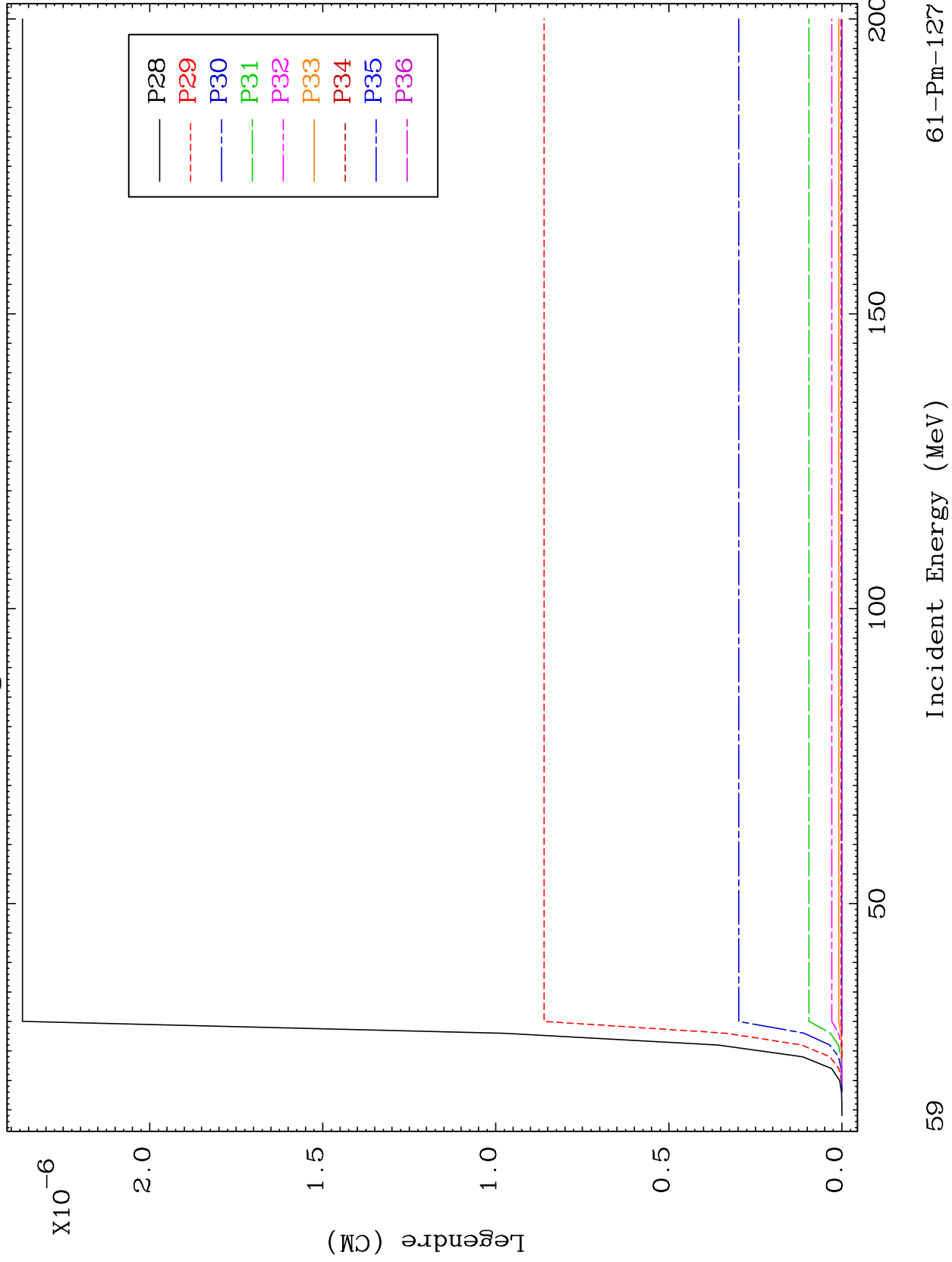
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 60 (n,n') Level
Legendre Coefficients

61-Pm-127



59

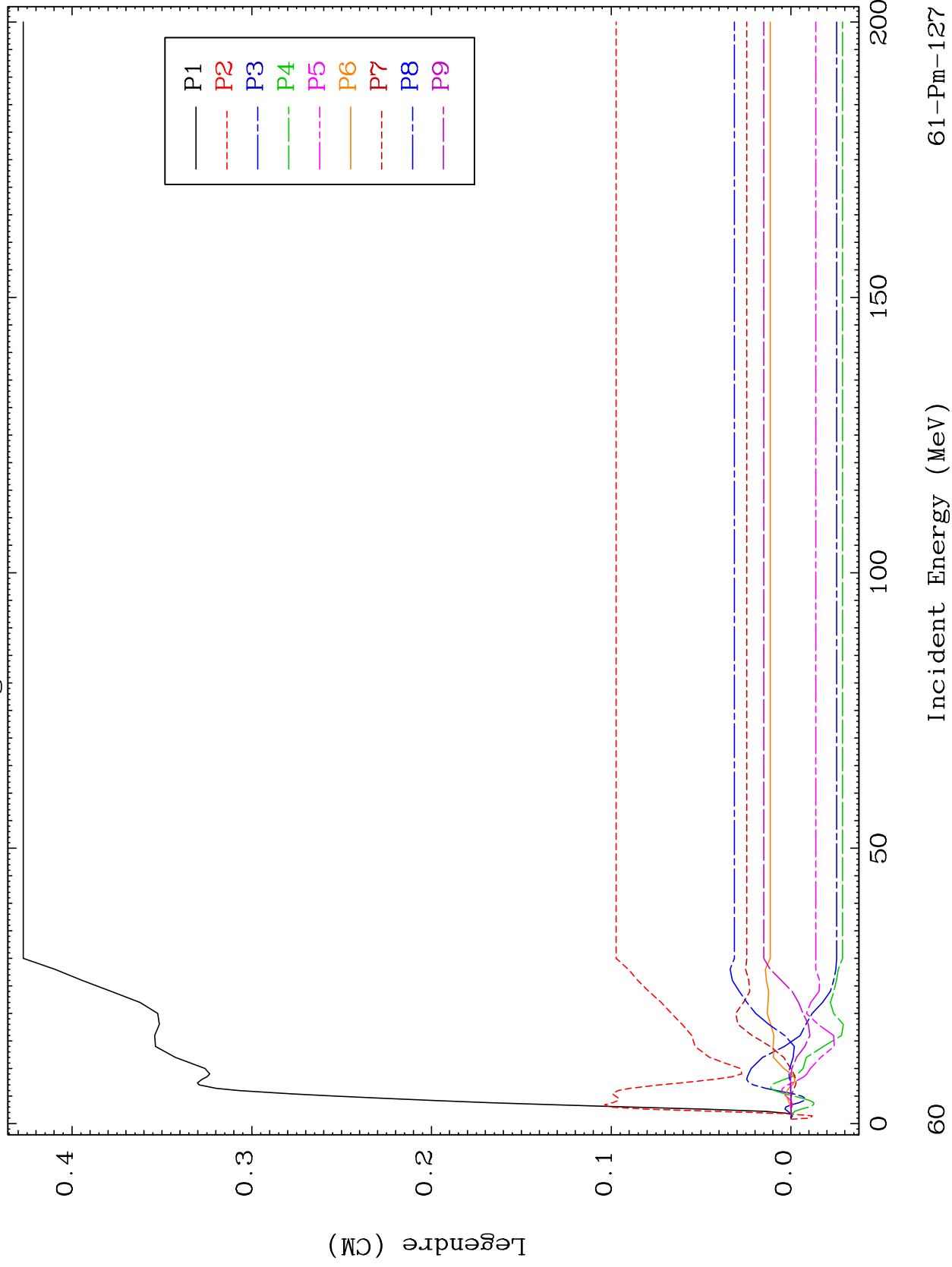
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 61 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

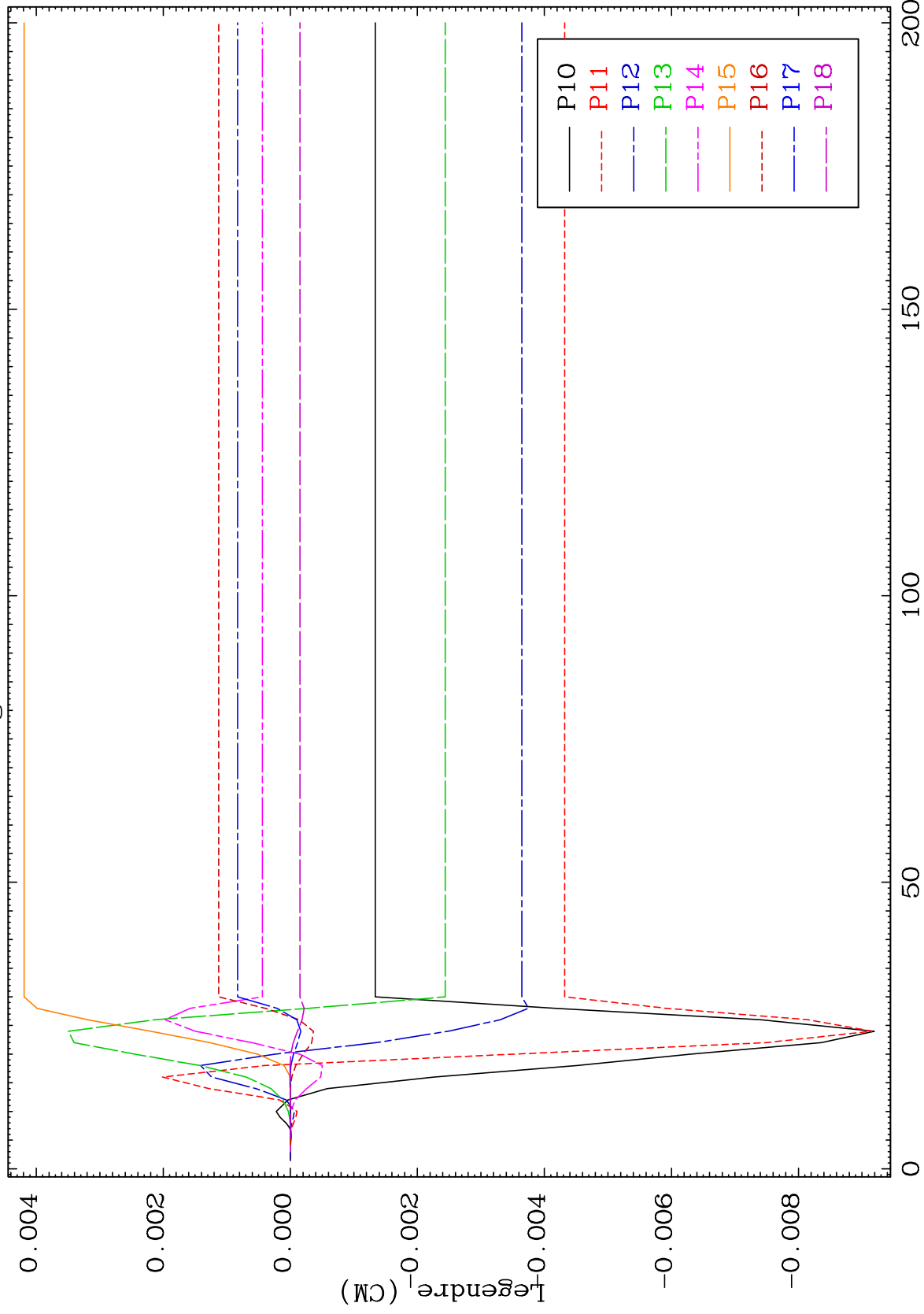
Incident Energy (MeV)

60

MAT 6089

MT= 61 (n,n') Level
Legendre Coefficients

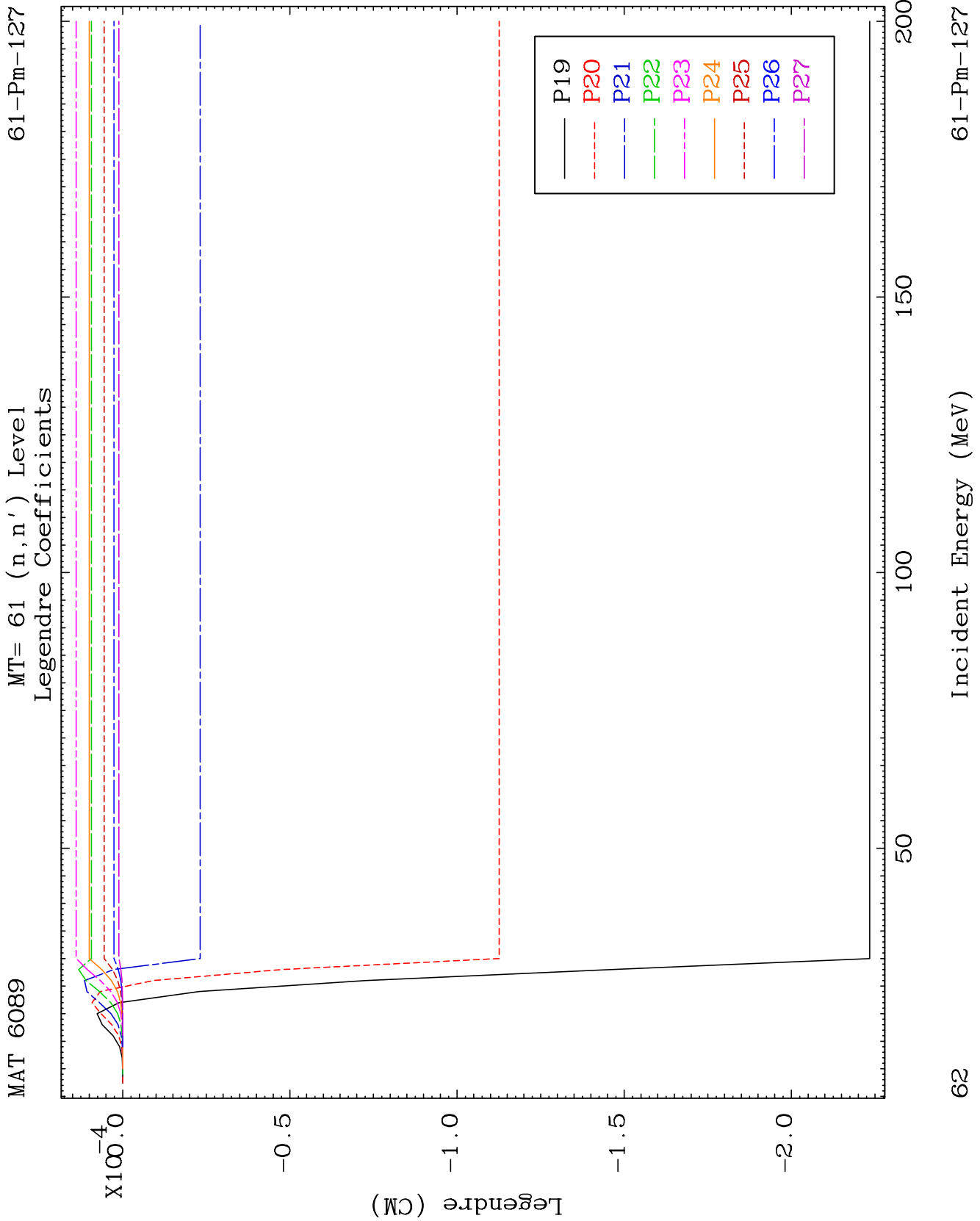
61-Pm-127



61

Incident Energy (MeV)

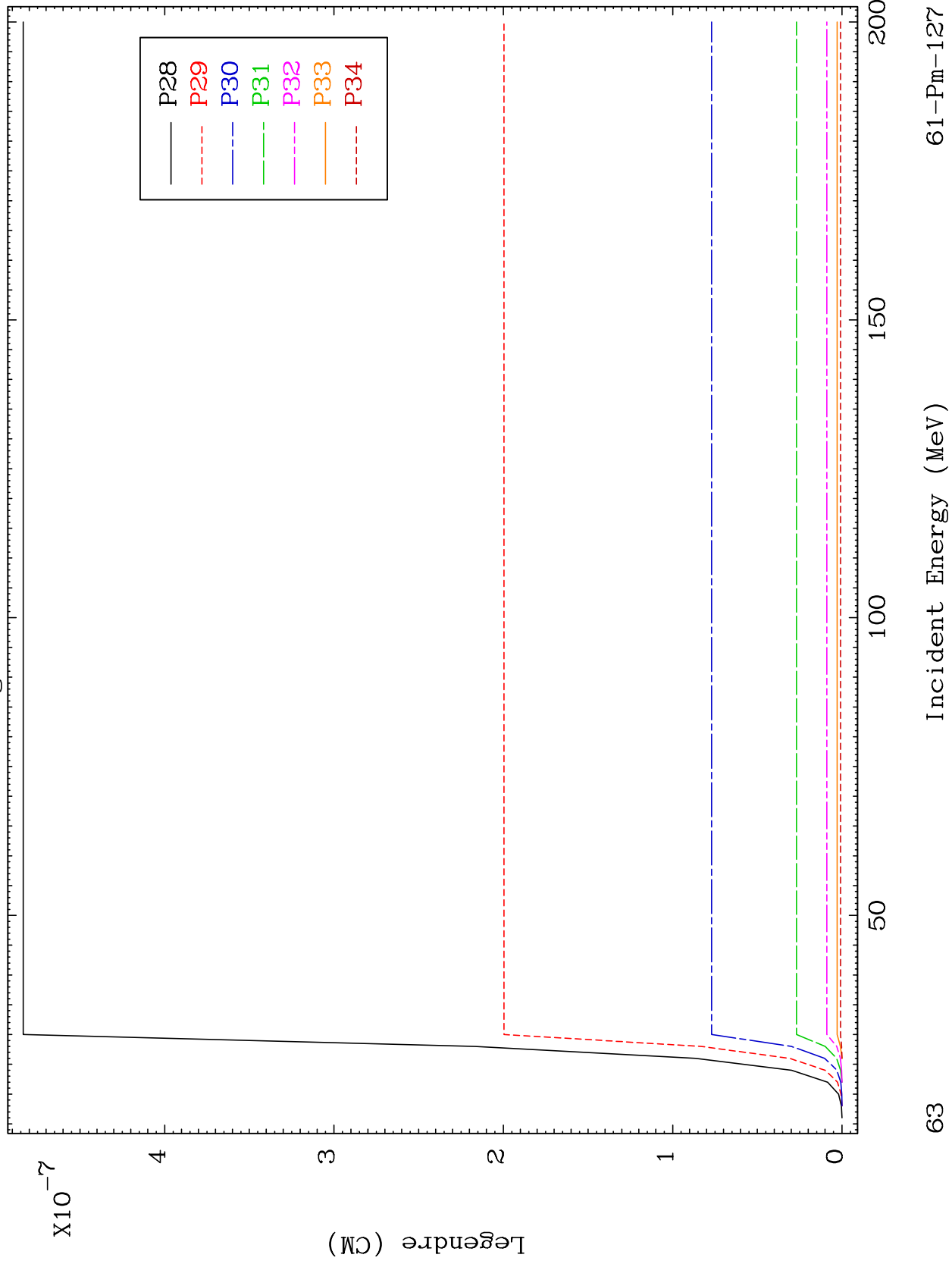
61-Pm-127



MAT 6089

MT= 61 (n,n') Level
Legendre Coefficients

61-Pm-127



63

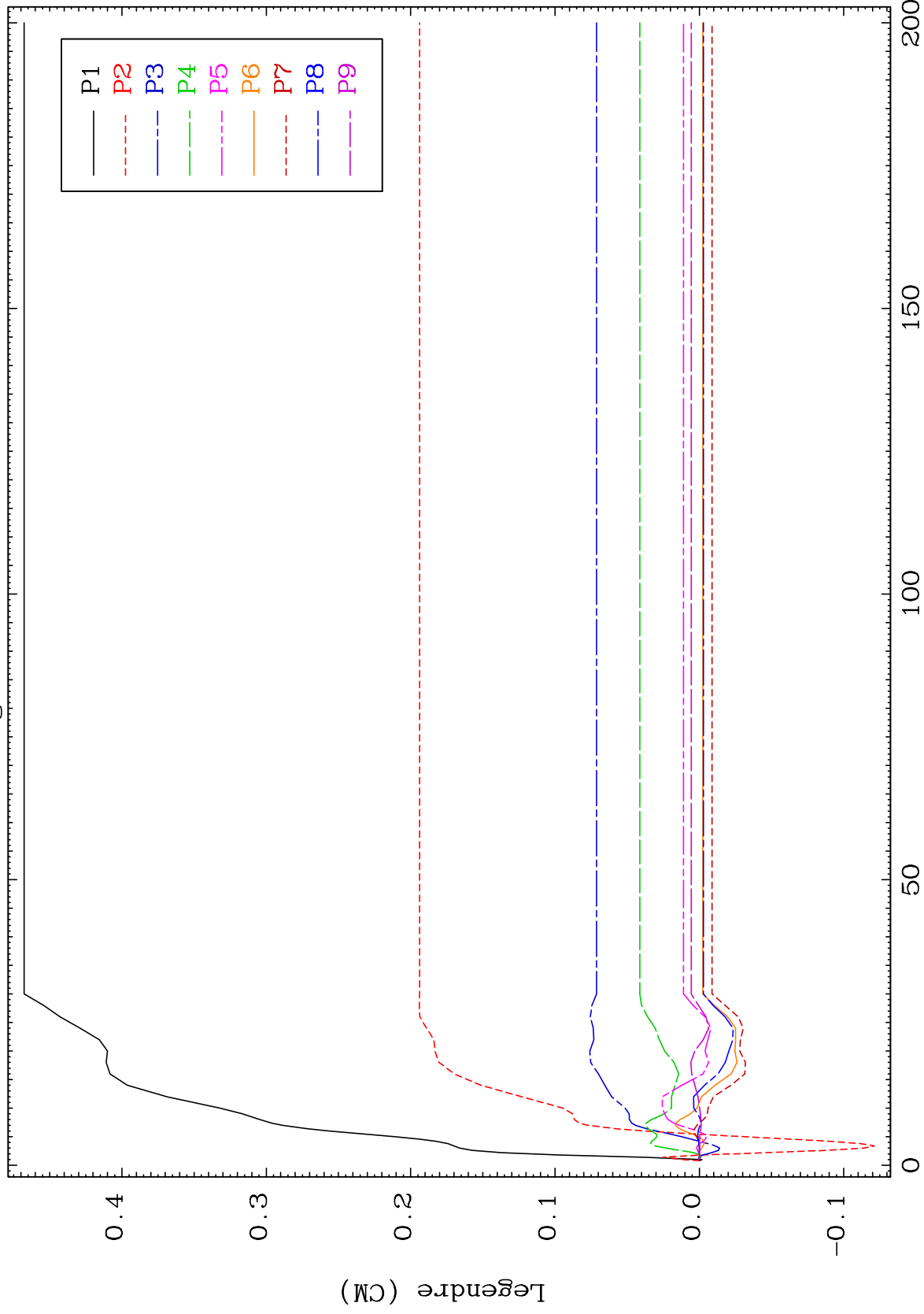
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 62 (n,n') Level
Legendre Coefficients

61-Pm-127



64

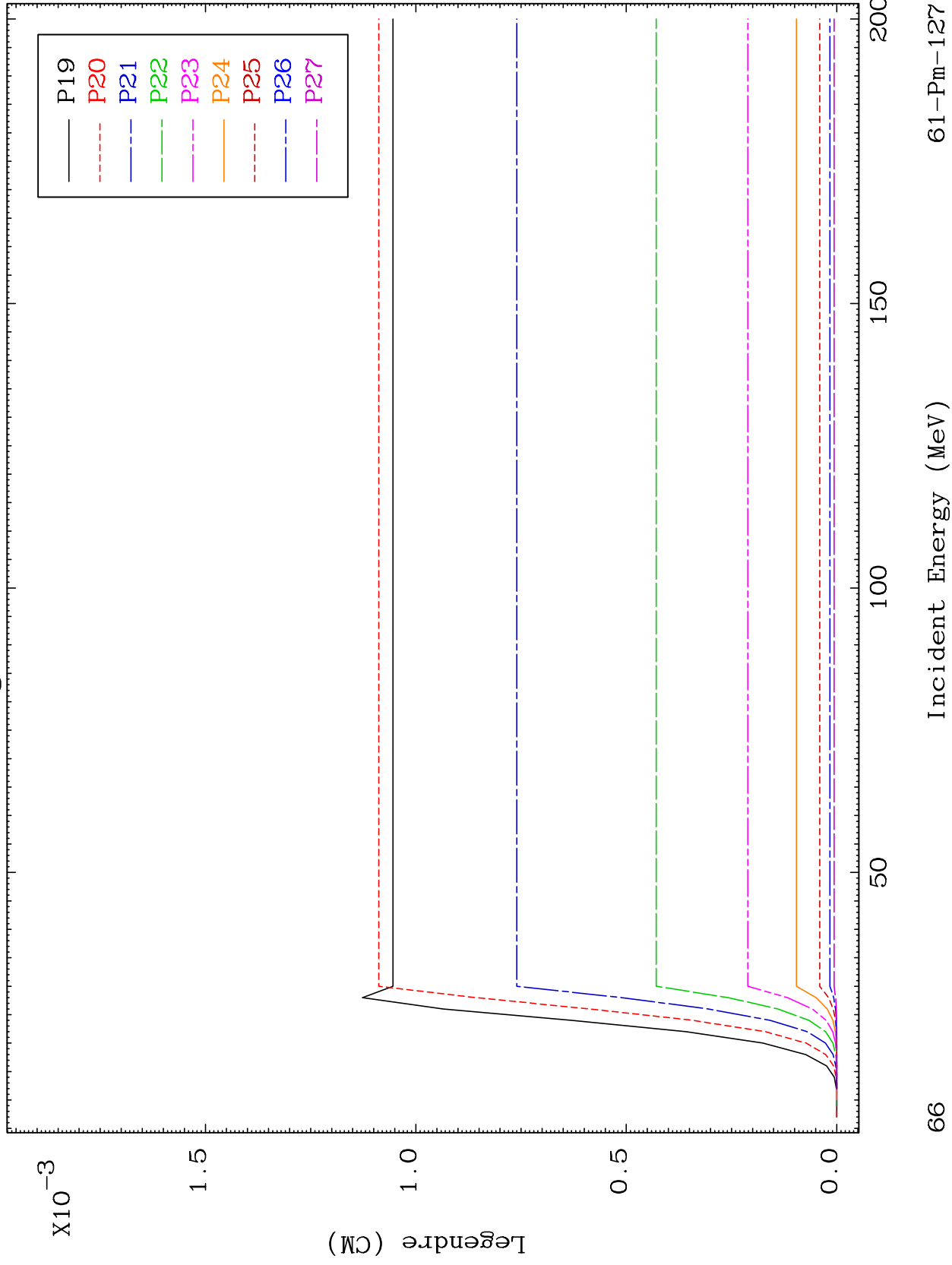
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 62 (n,n') Level
Legendre Coefficients

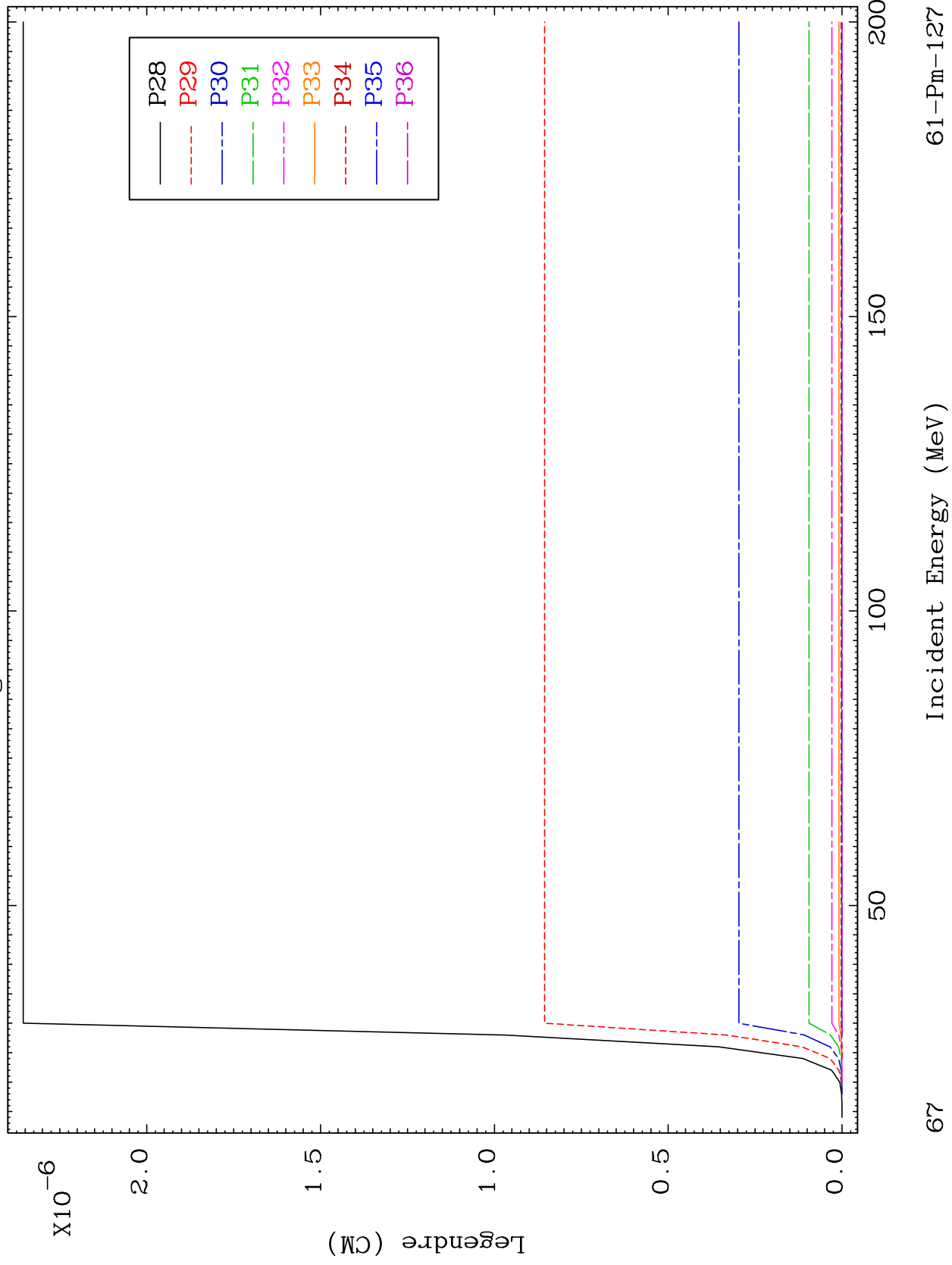
61-Pm-127



MAT 6089

MT= 62 (n,n') Level
Legendre Coefficients

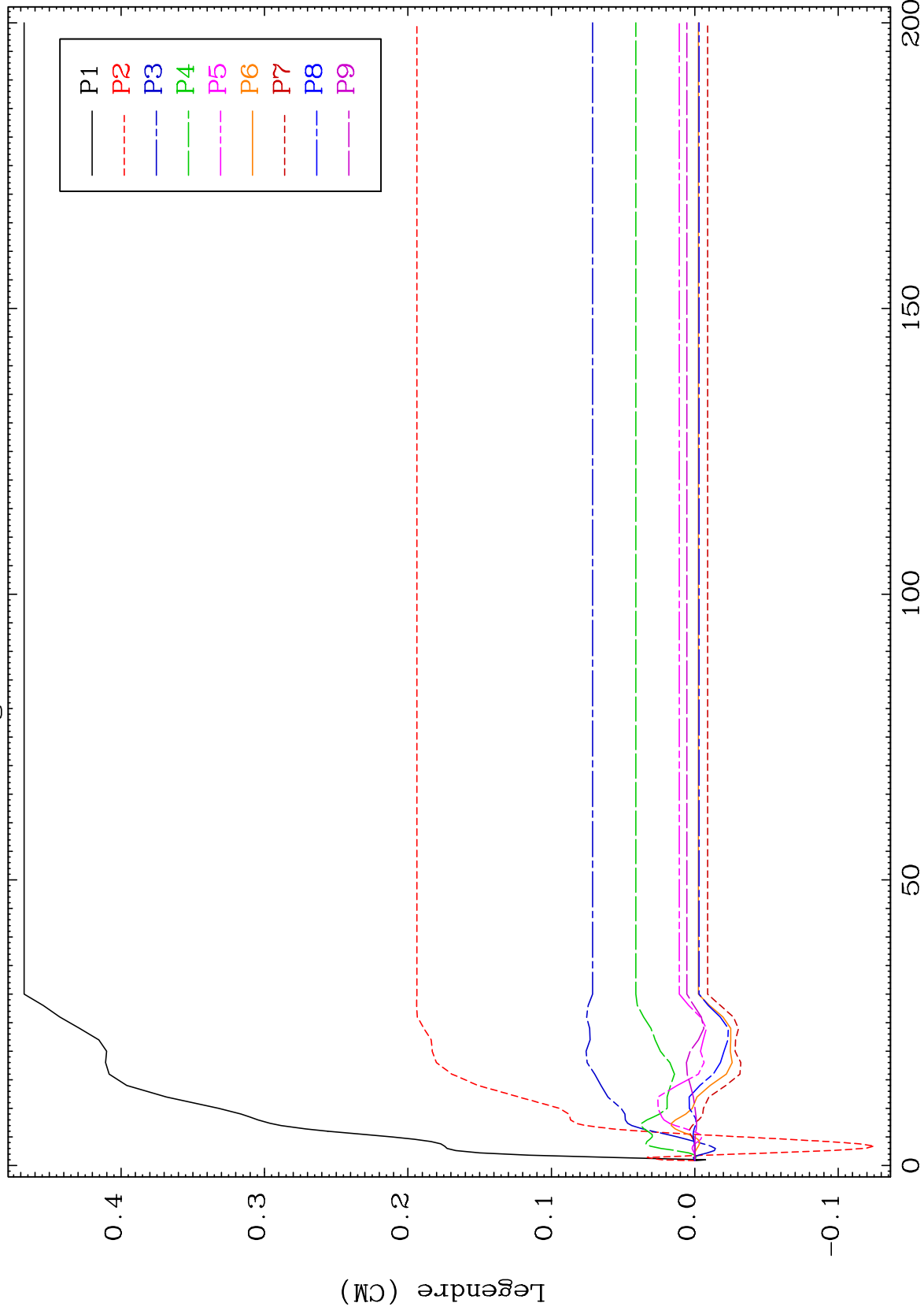
61-Pm-127



MAT 6089

MT= 63 (n,n') Level
Legendre Coefficients

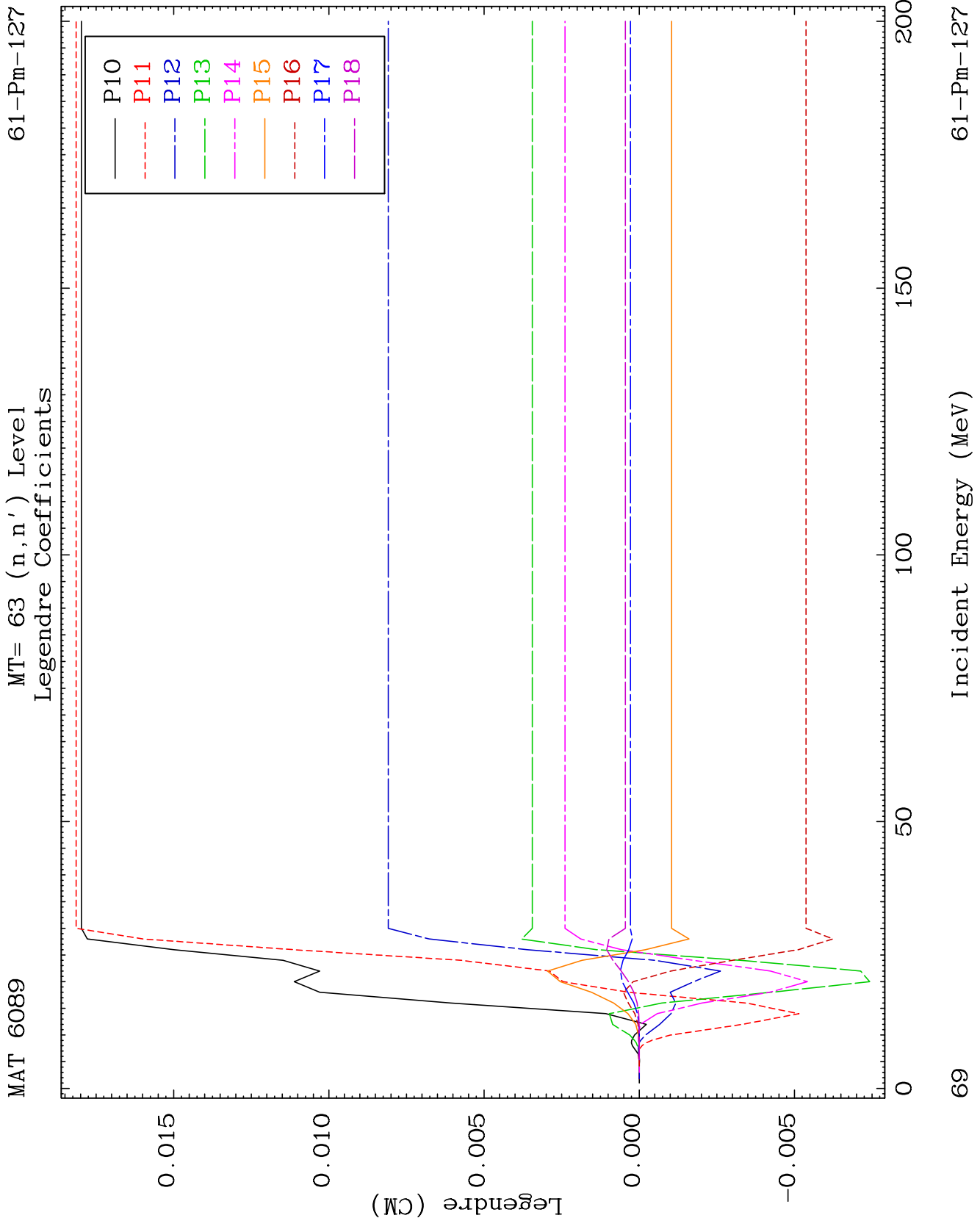
61-Pm-127



68

Incident Energy (MeV)

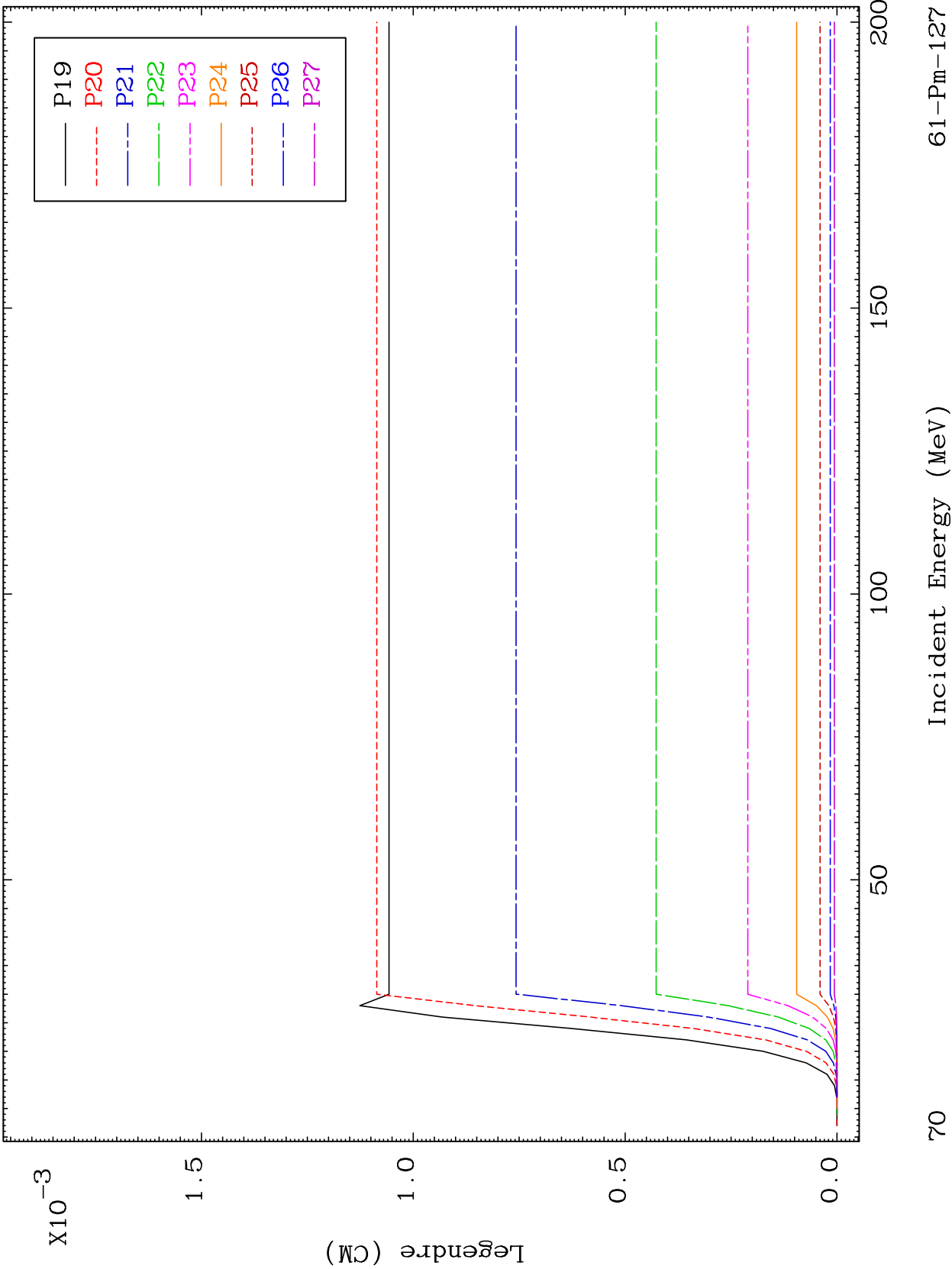
61-Pm-127



MAT 6089

MT= 63 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

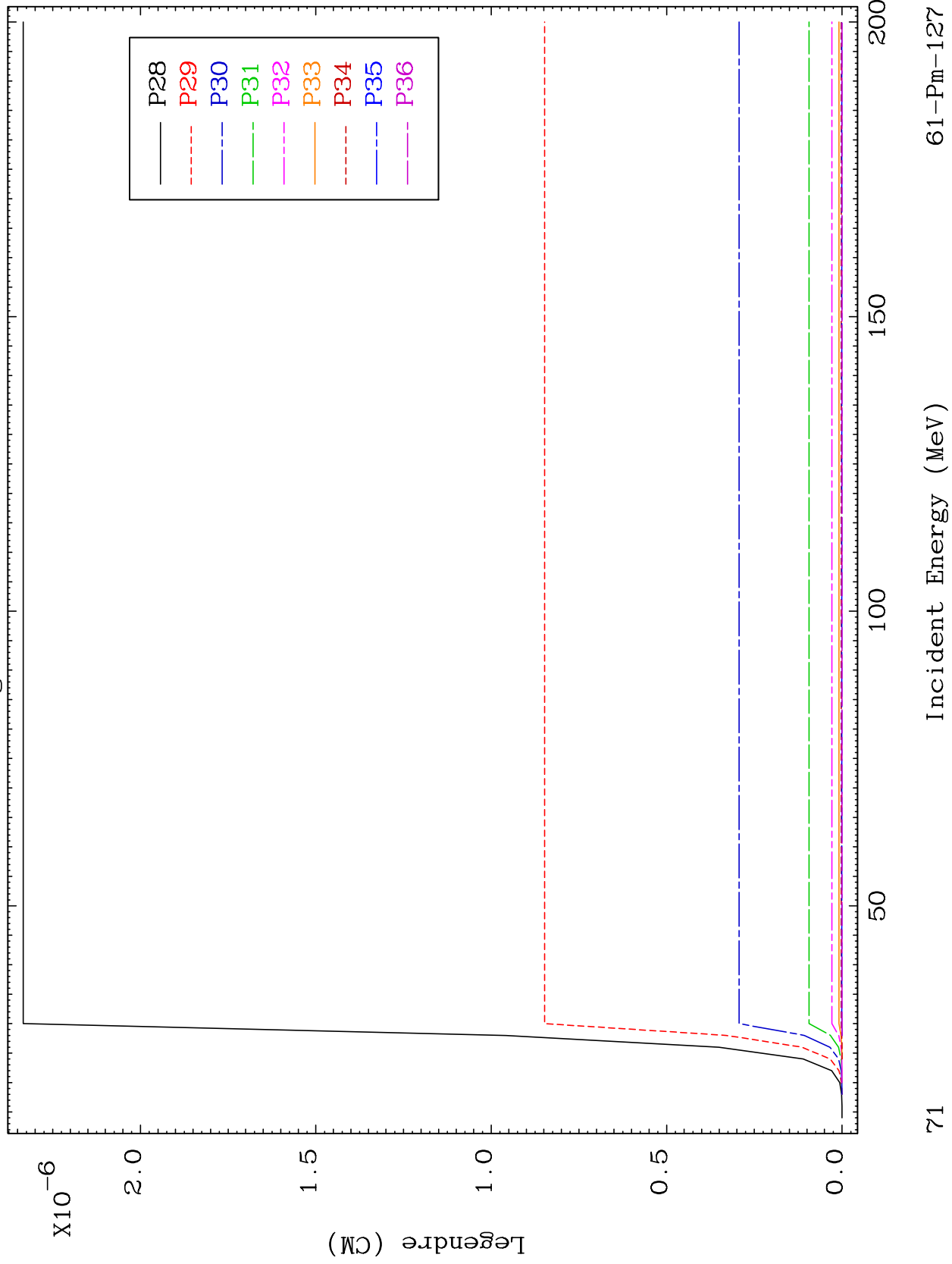
Incident Energy (MeV)

70

MAT 6089

MT= 63 (n,n') Level
Legendre Coefficients

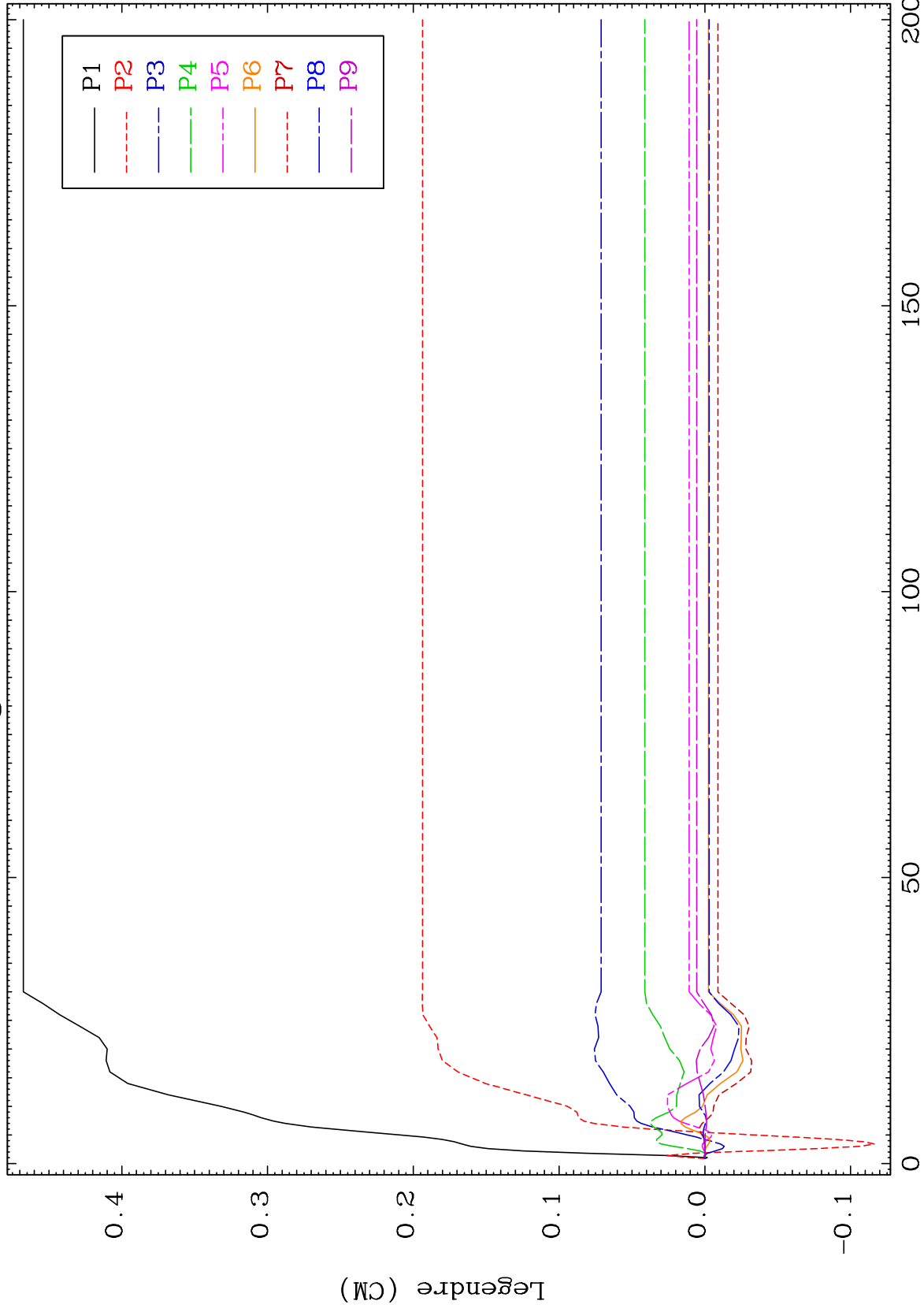
61-Pm-127



MAT 6089

MT= 64 (n,n') Level
Legendre Coefficients

61-Pm-127



72

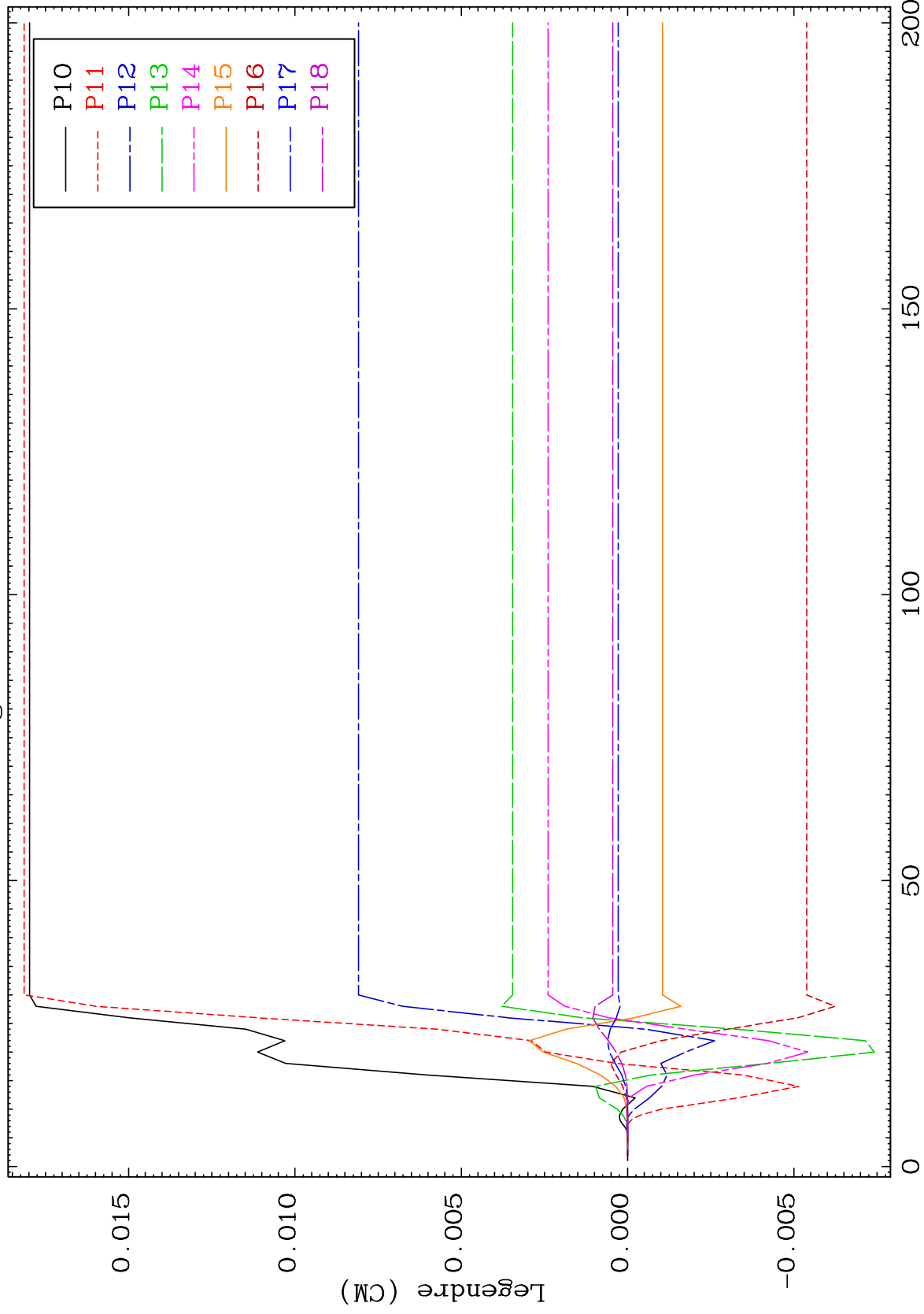
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 64 (n,n') Level
Legendre Coefficients

61-Pm-127



73

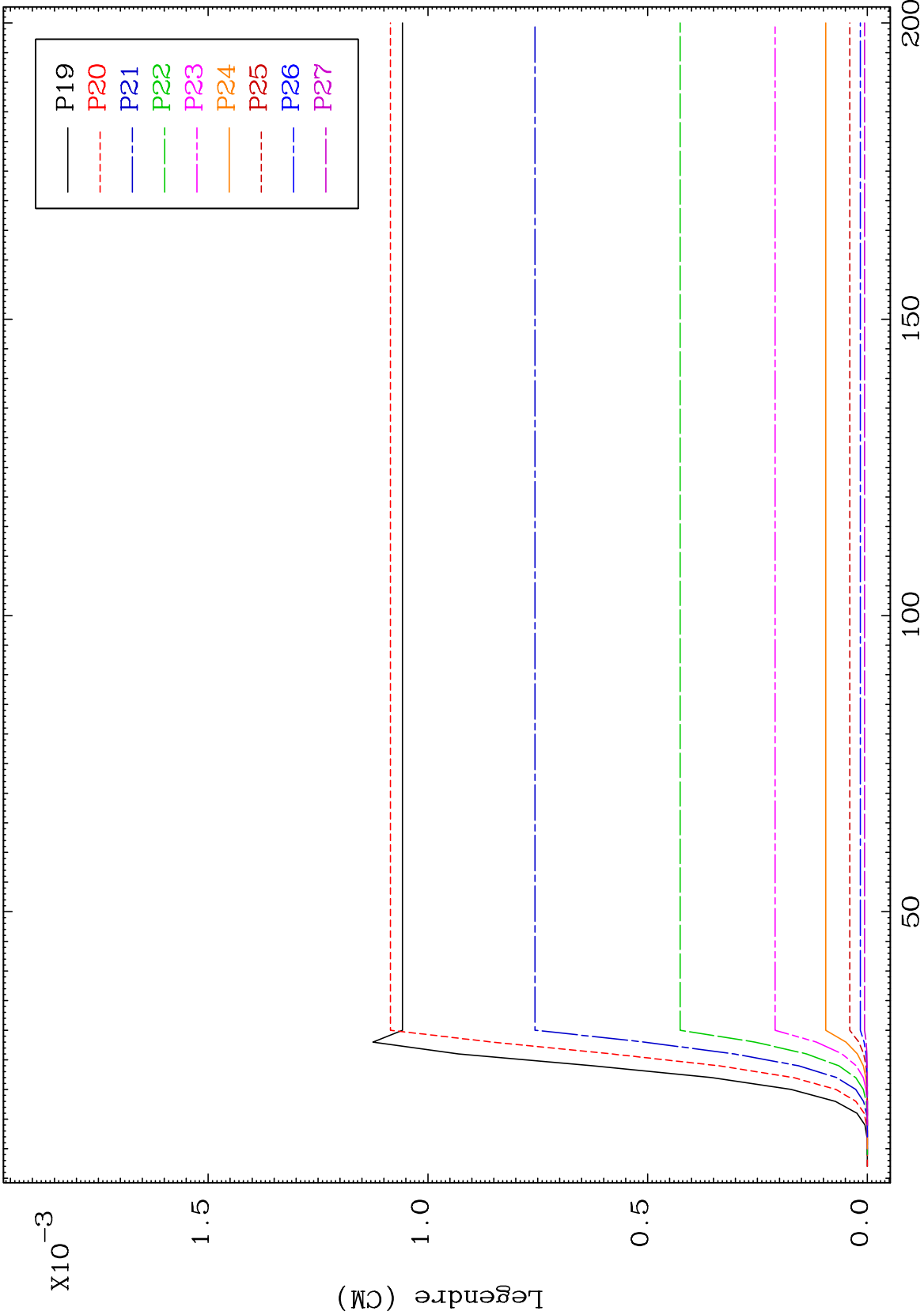
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 64 (n,n') Level
Legendre Coefficients

61-Pm-127



74

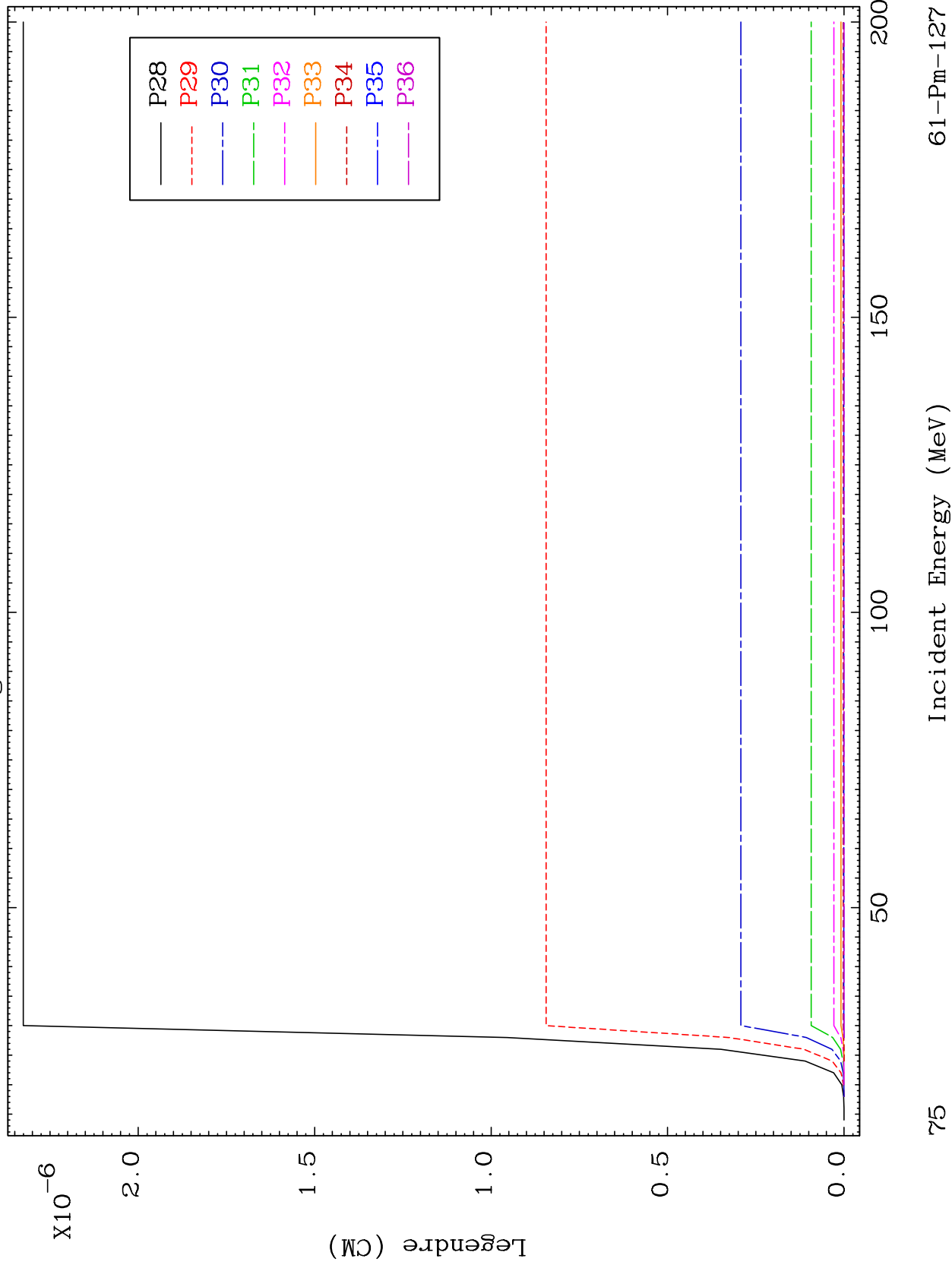
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 64 (n,n') Level
Legendre Coefficients

61-Pm-127



75

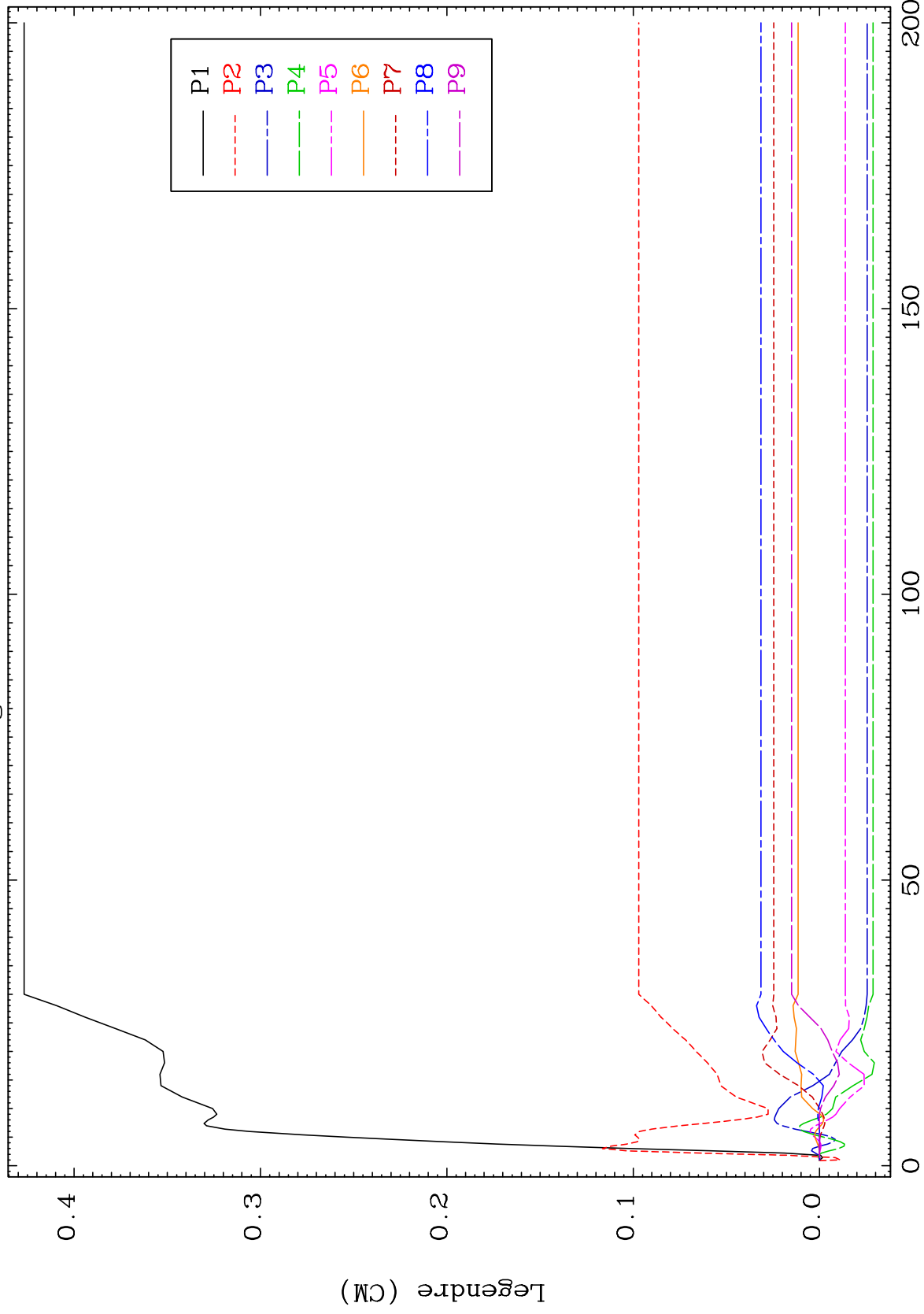
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 65 (n,n') Level
Legendre Coefficients

61-Pm-127



76

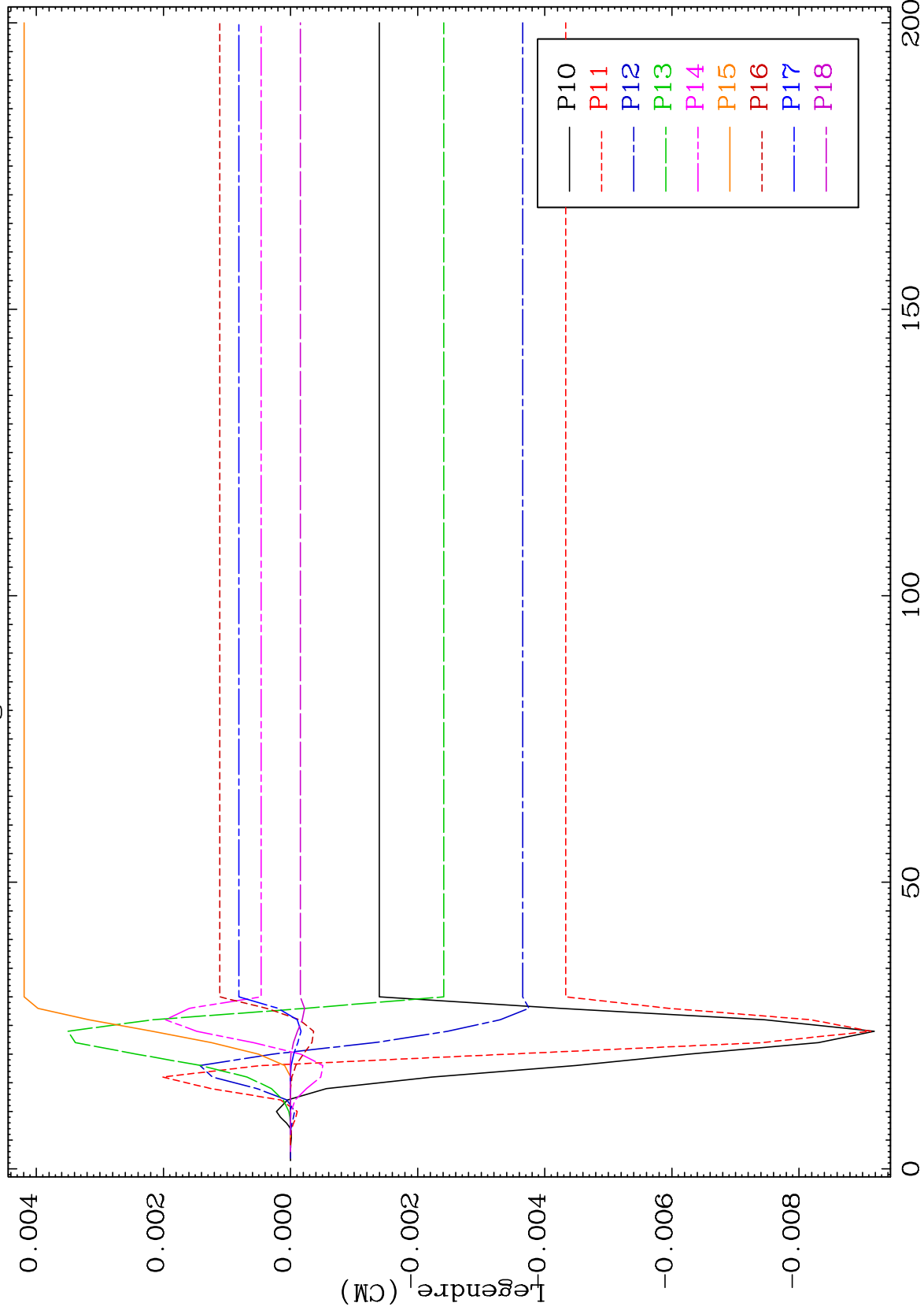
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 65 (n,n') Level
Legendre Coefficients

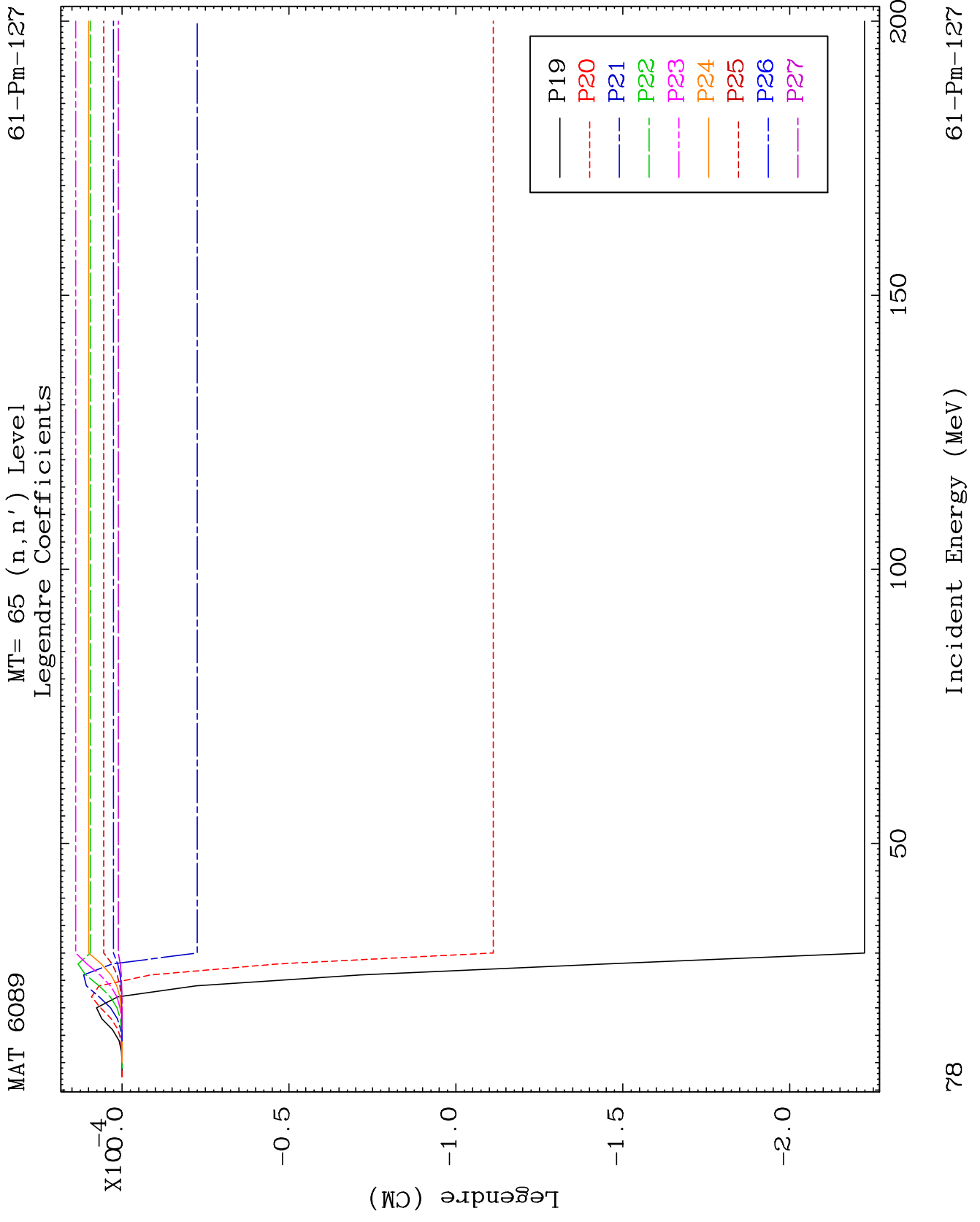
61-Pm-127



77

Incident Energy (MeV)

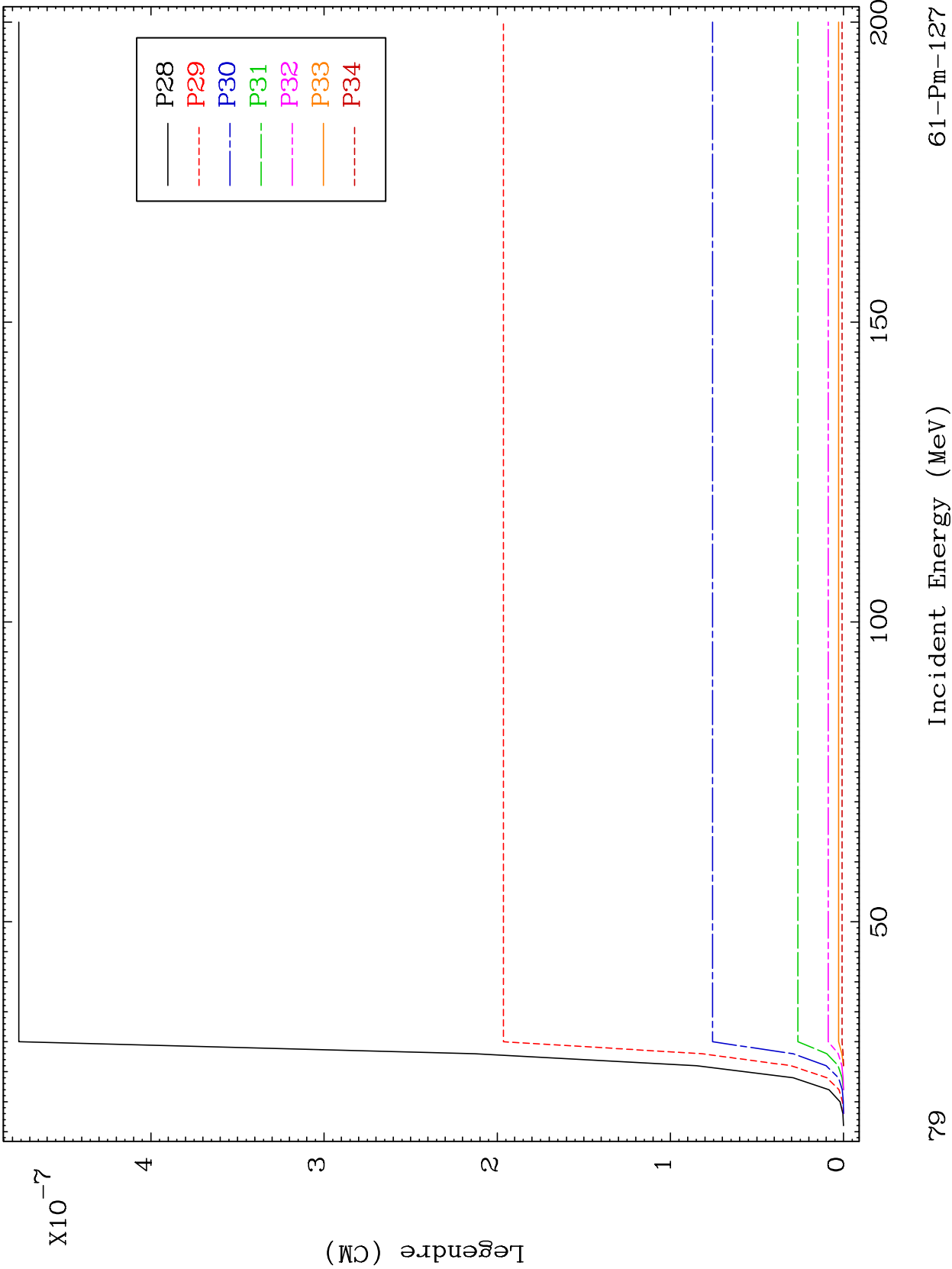
61-Pm-127



MAT 6089

MT= 65 (n,n') Level
Legendre Coefficients

61-Pm-127



79

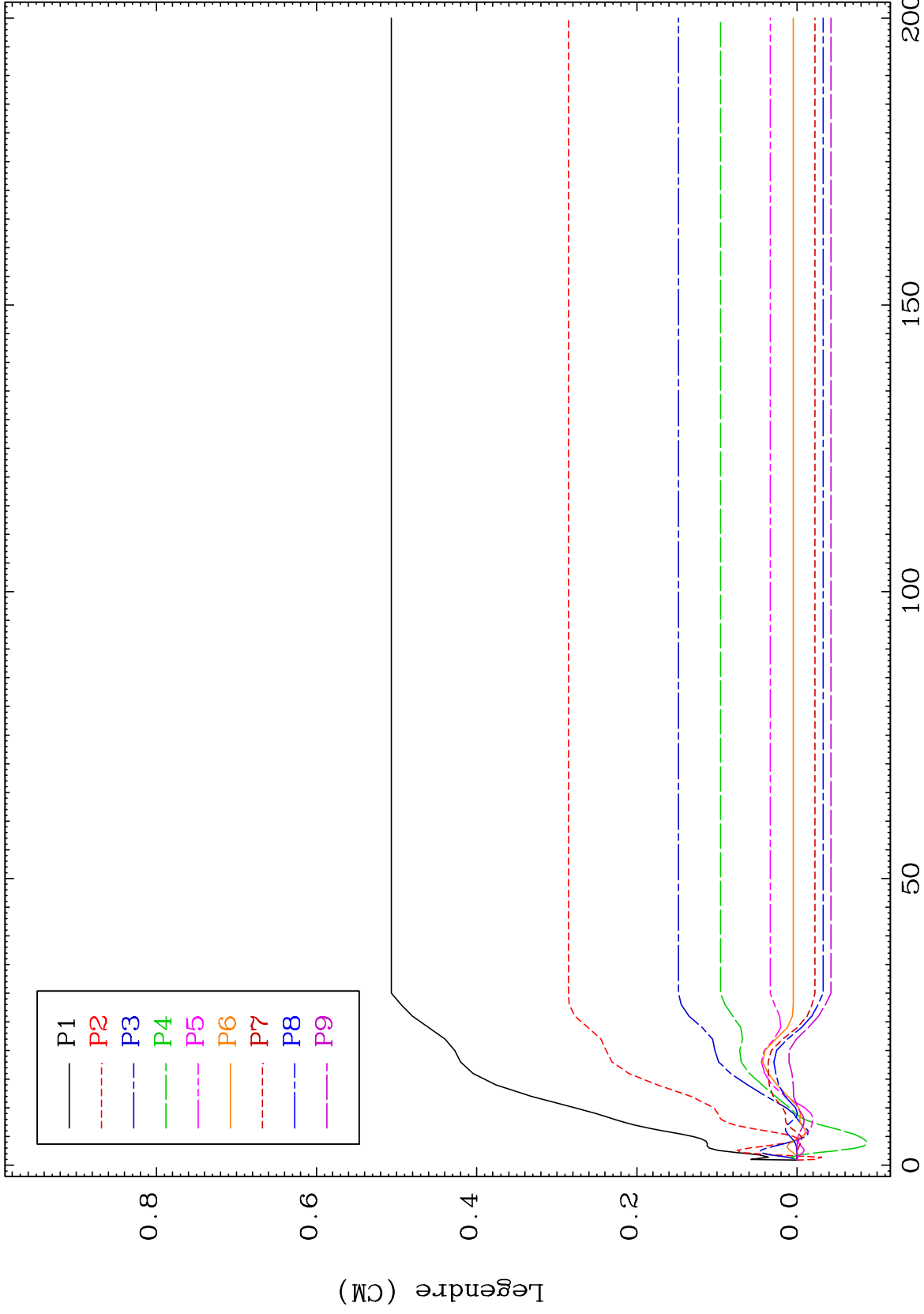
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 66 (n,n') Level
Legendre Coefficients

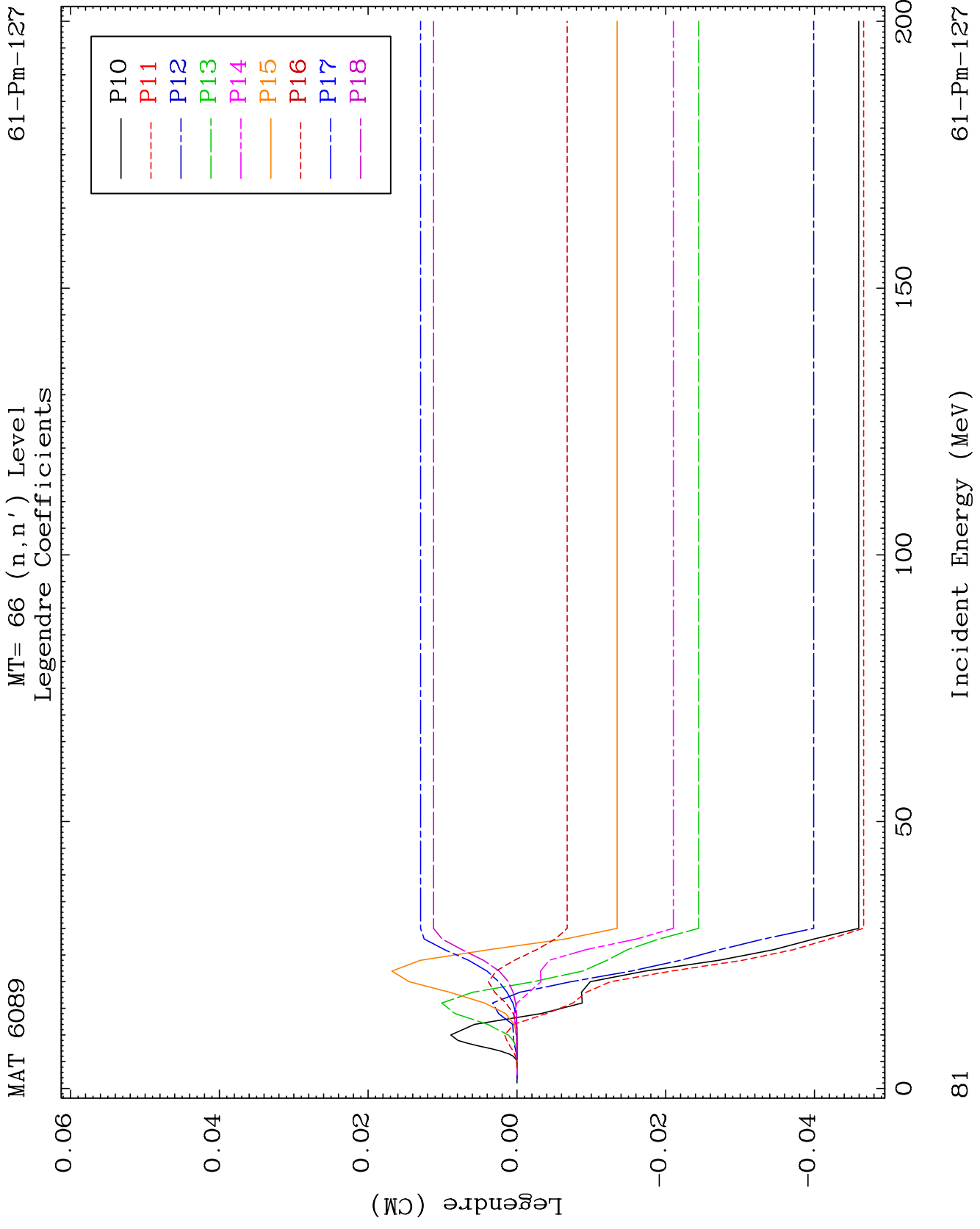
61-Pm-127



61-Pm-127

Incident Energy (MeV)

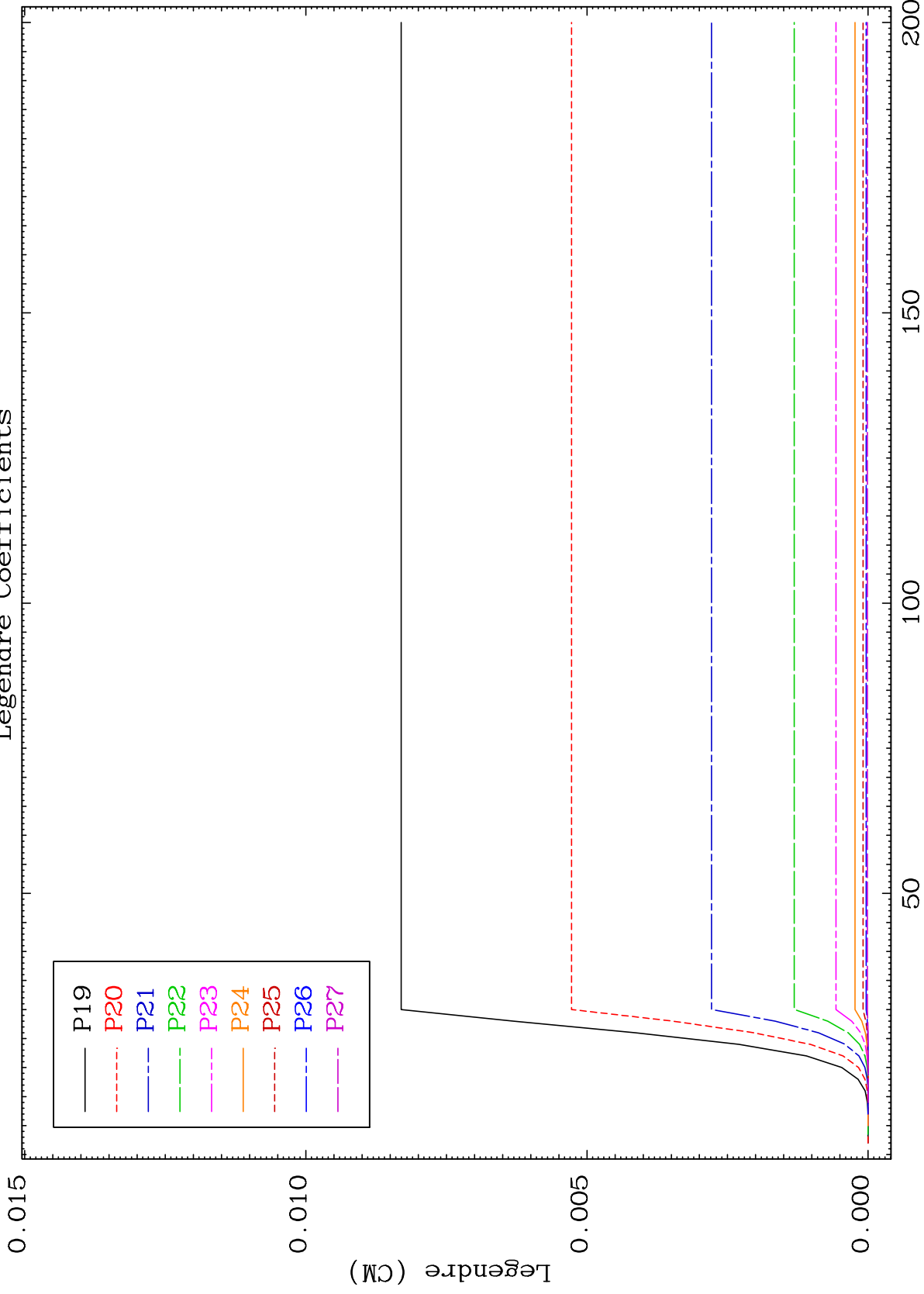
80



MAT 6089

MT= 66 (n,n') Level
Legendre Coefficients

61-Pm-127



82

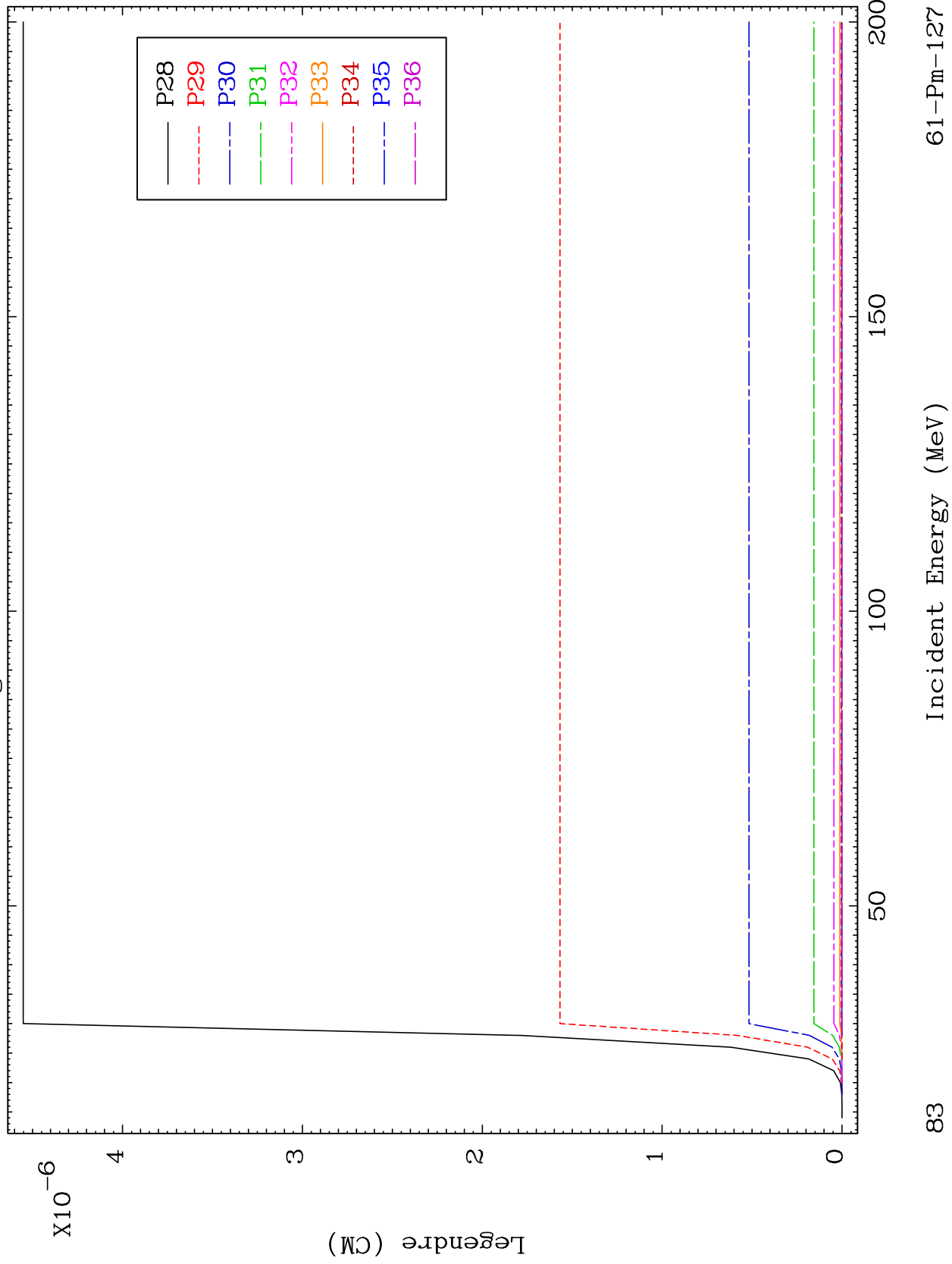
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 66 (n,n') Level
Legendre Coefficients

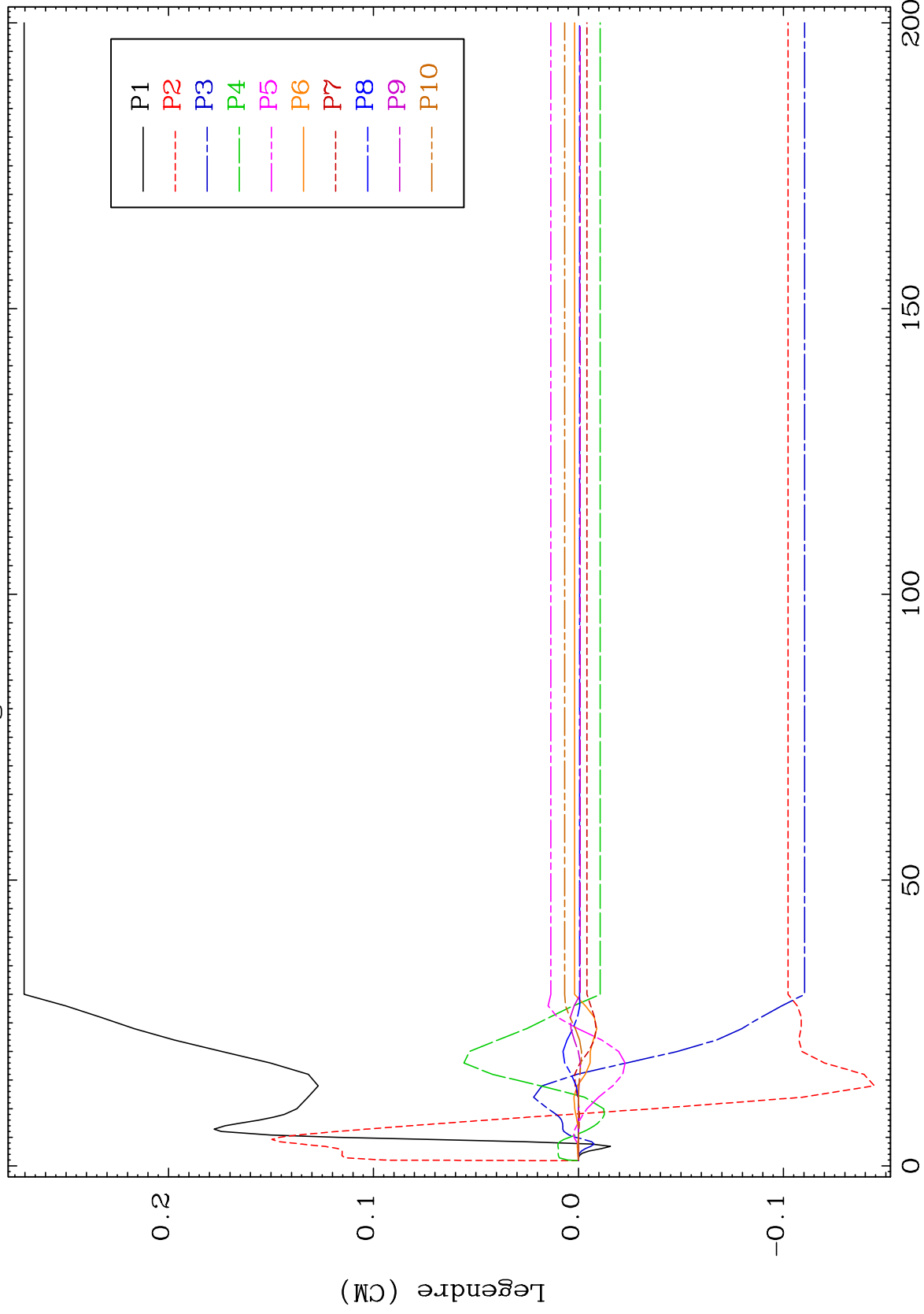
61-Pm-127



MAT 6089

MT= 67 (n,n') Level
Legendre Coefficients

61-Pm-127



84

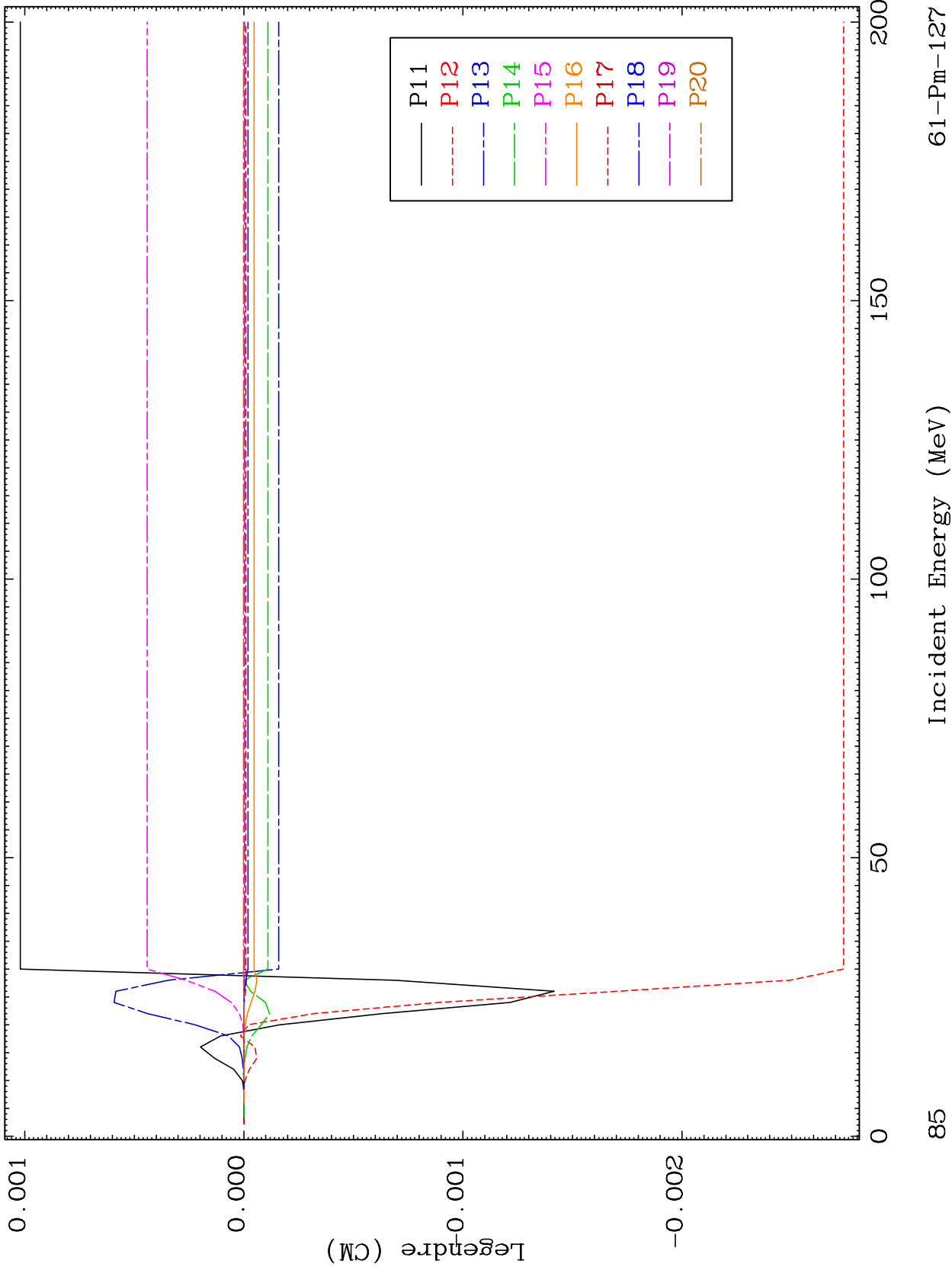
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 67 (n,n') Level
Legendre Coefficients

61-Pm-127



85

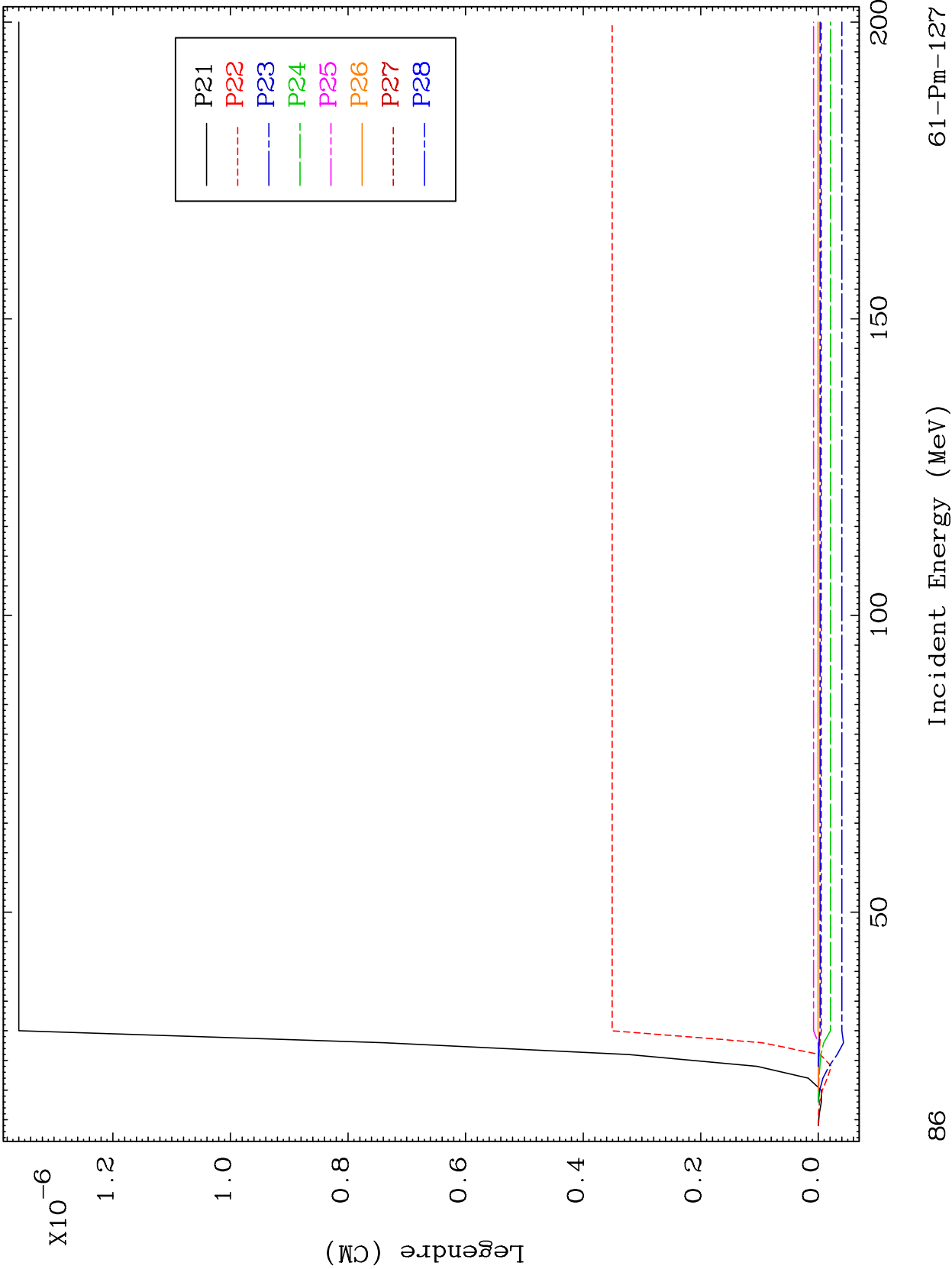
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 67 (n,n') Level
Legendre Coefficients

61-Pm-127



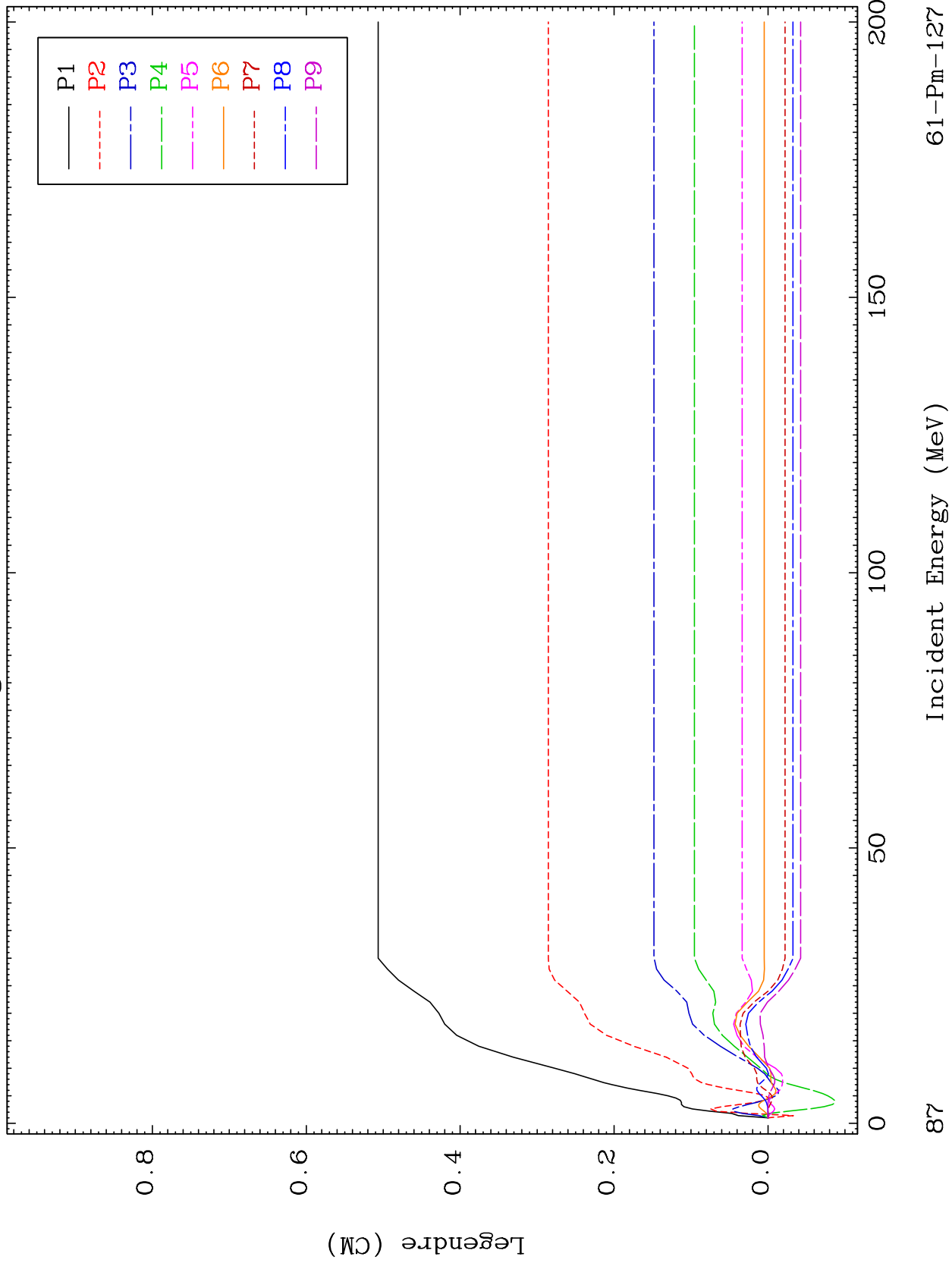
86

61-Pm-127

MAT 6089

MT= 68 (n,n') Level
Legendre Coefficients

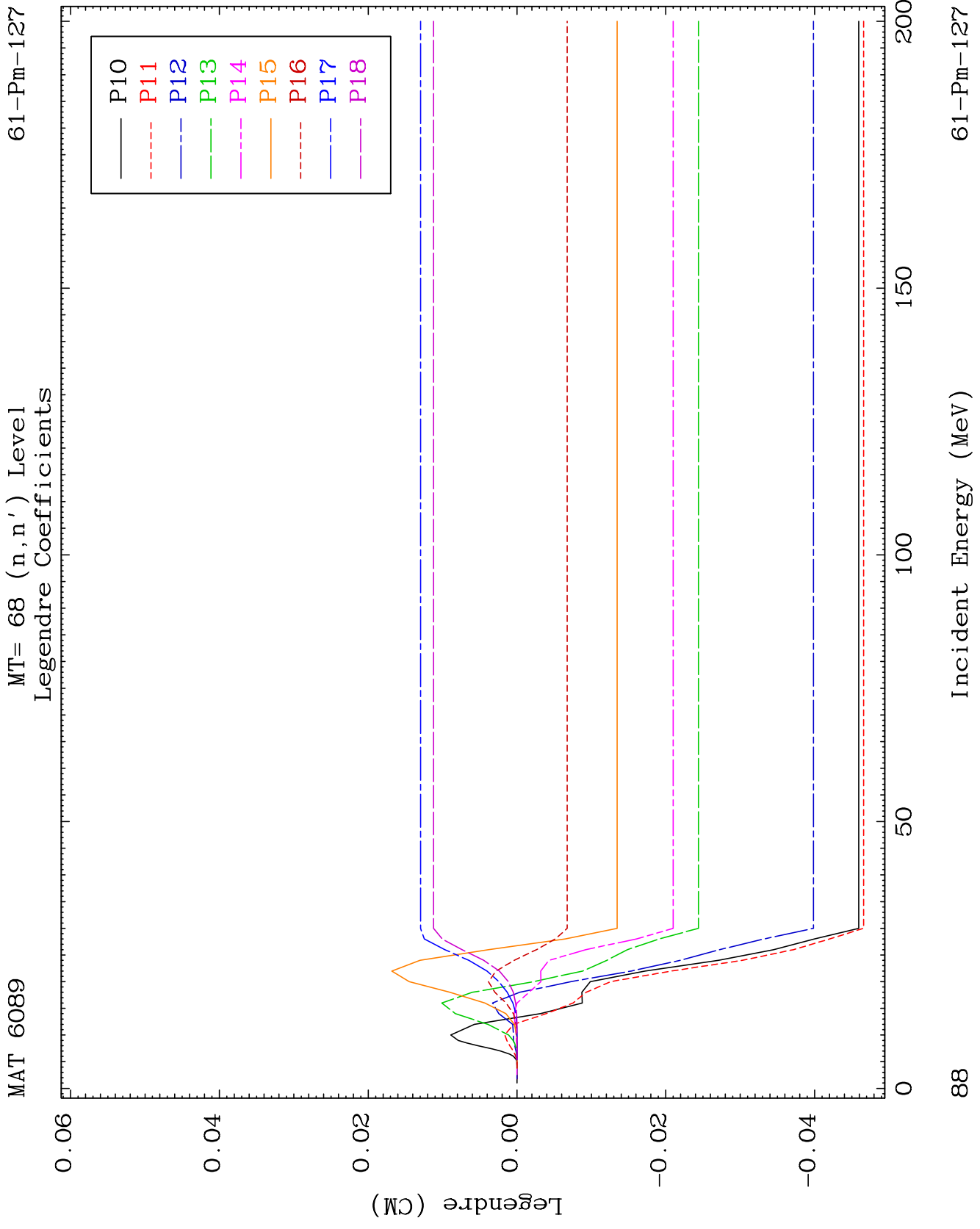
61-Pm-127



61-Pm-127

Incident Energy (MeV)

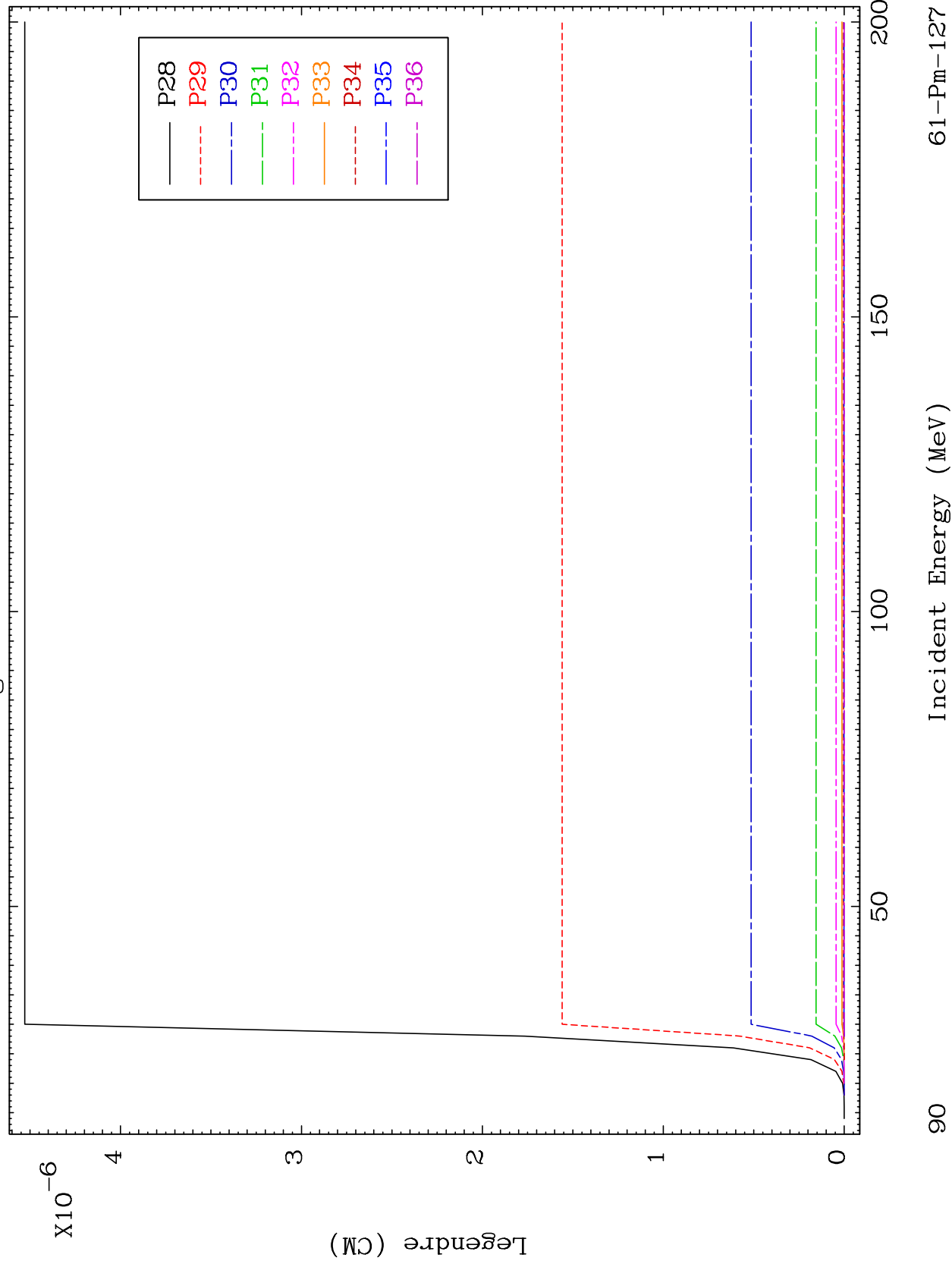
87



MAT 6089

MT= 68 (n,n') Level
Legendre Coefficients

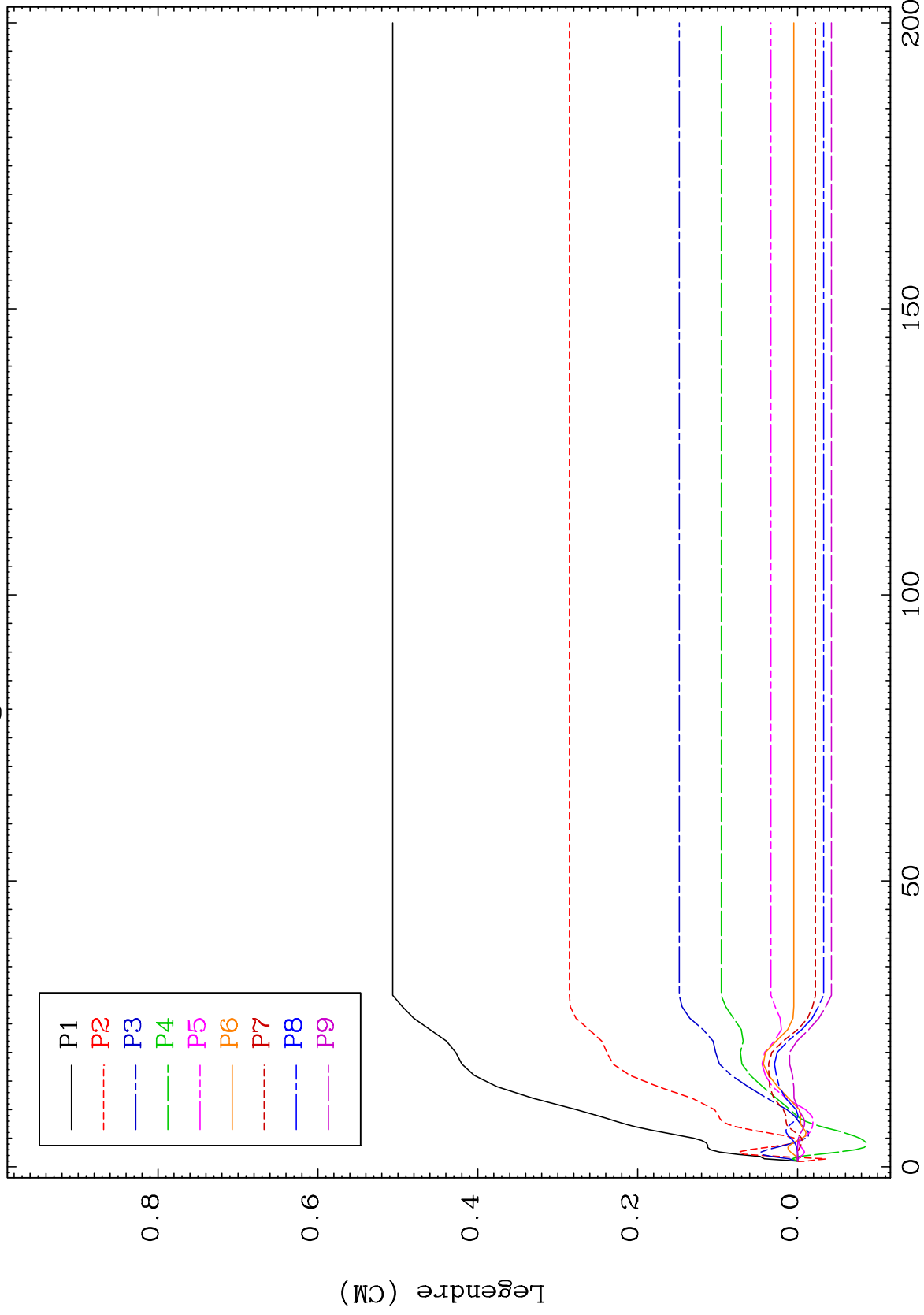
61-Pm-127



MAT 6089

MT= 69 (n,n') Level
Legendre Coefficients

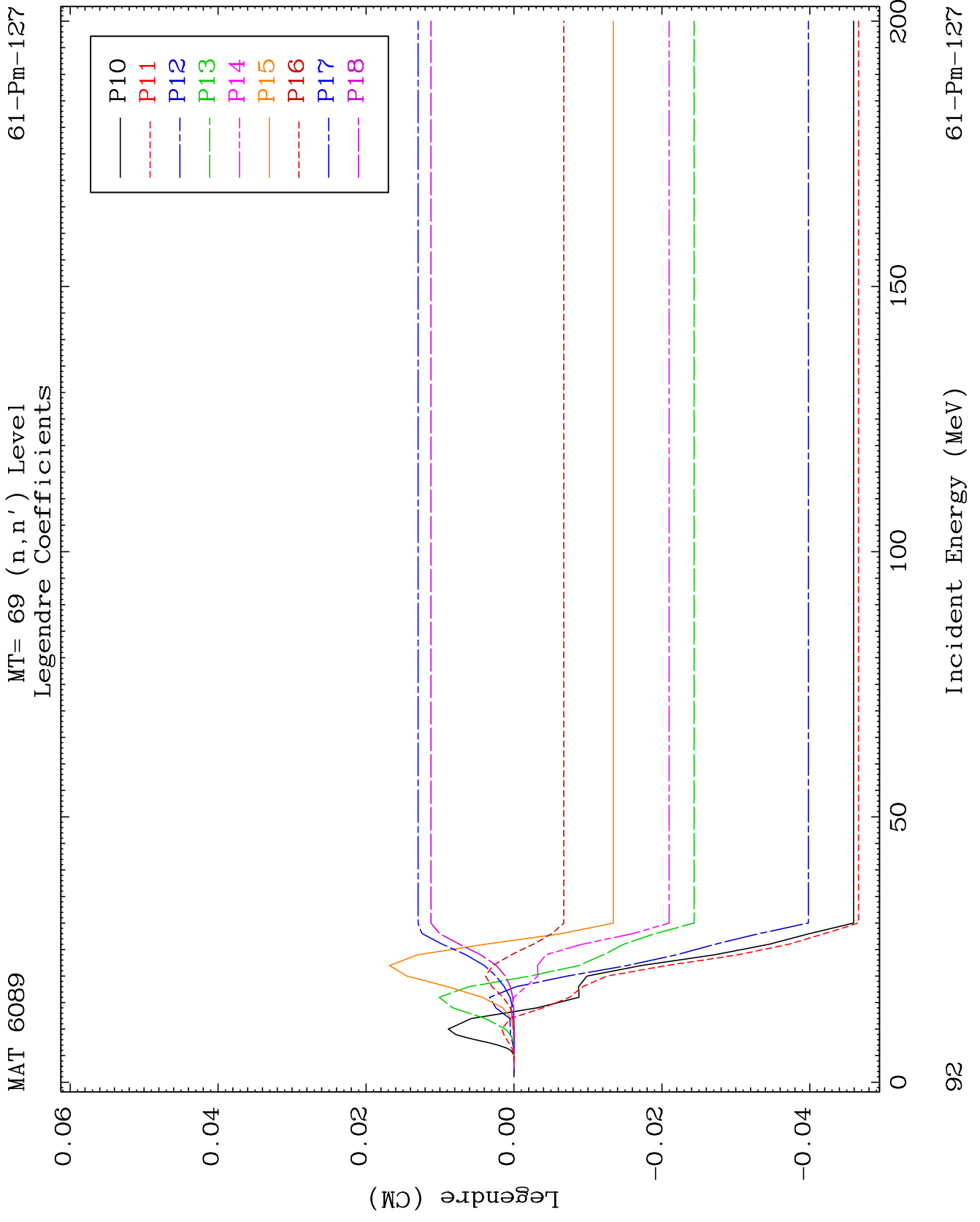
61-Pm-127



91

Incident Energy (MeV)

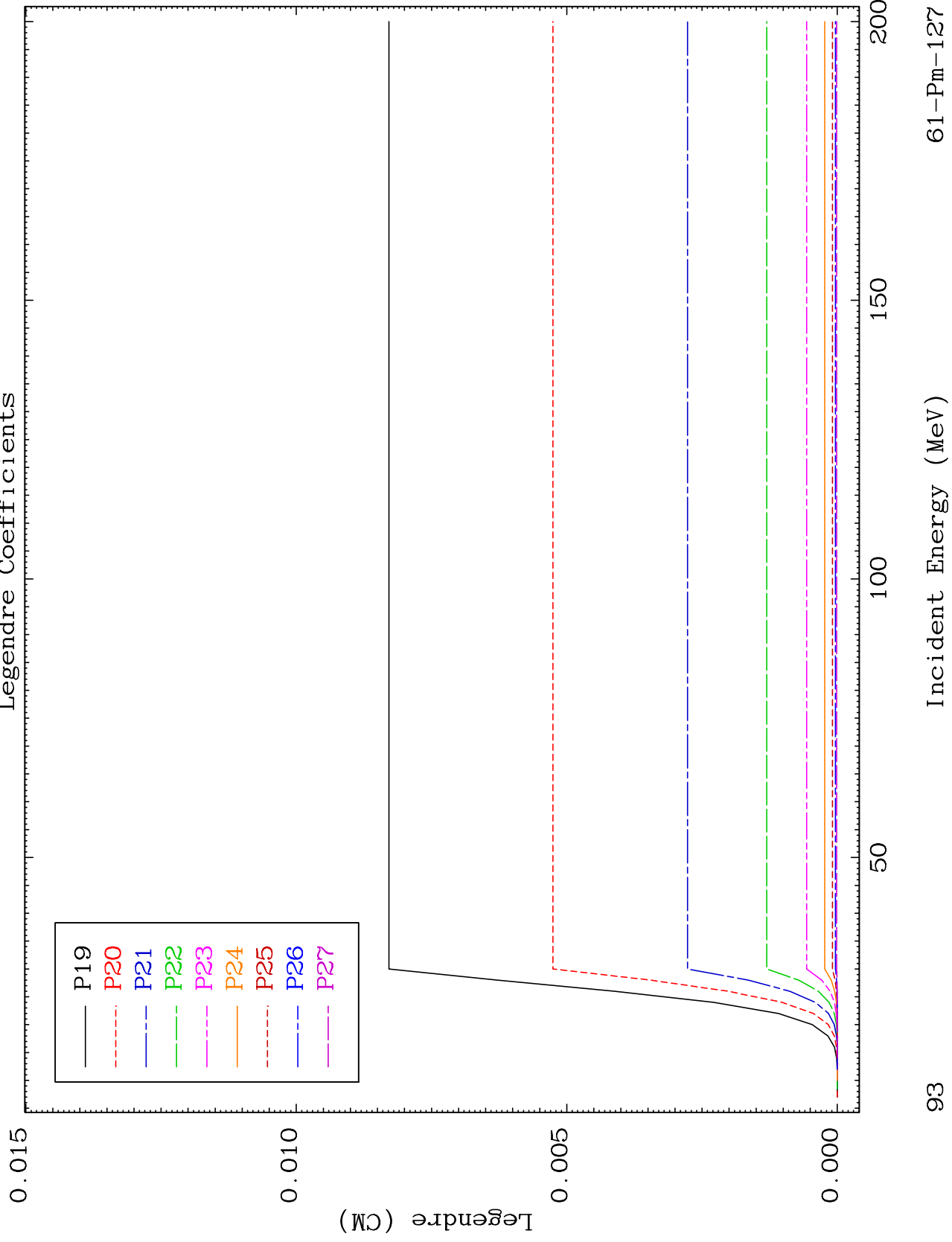
61-Pm-127



MAT 6089

MT= 69 (n,n') Level
Legendre Coefficients

61-Pm-127



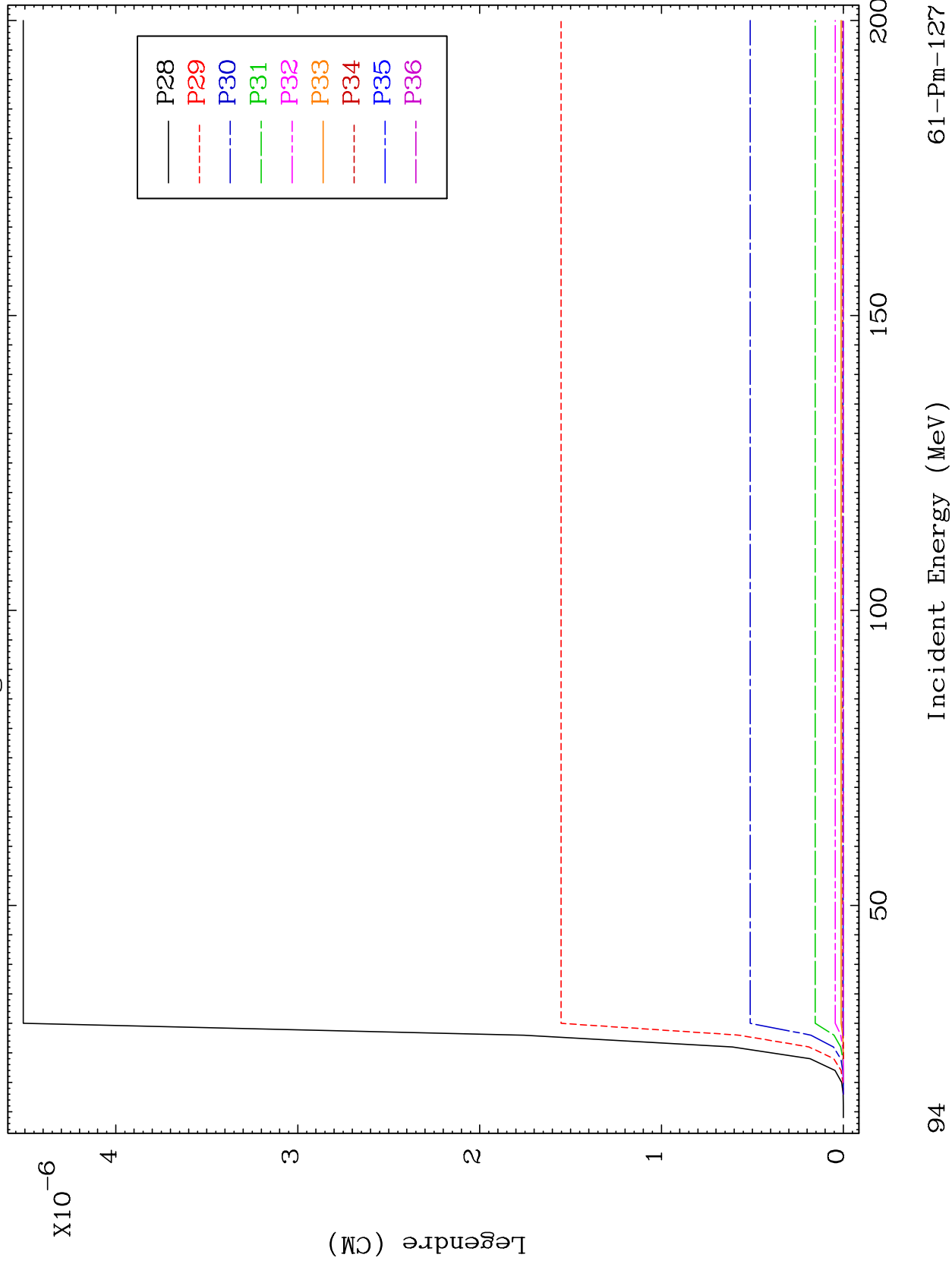
93

61-Pm-127

MAT 6089

MT= 69 (n,n') Level
Legendre Coefficients

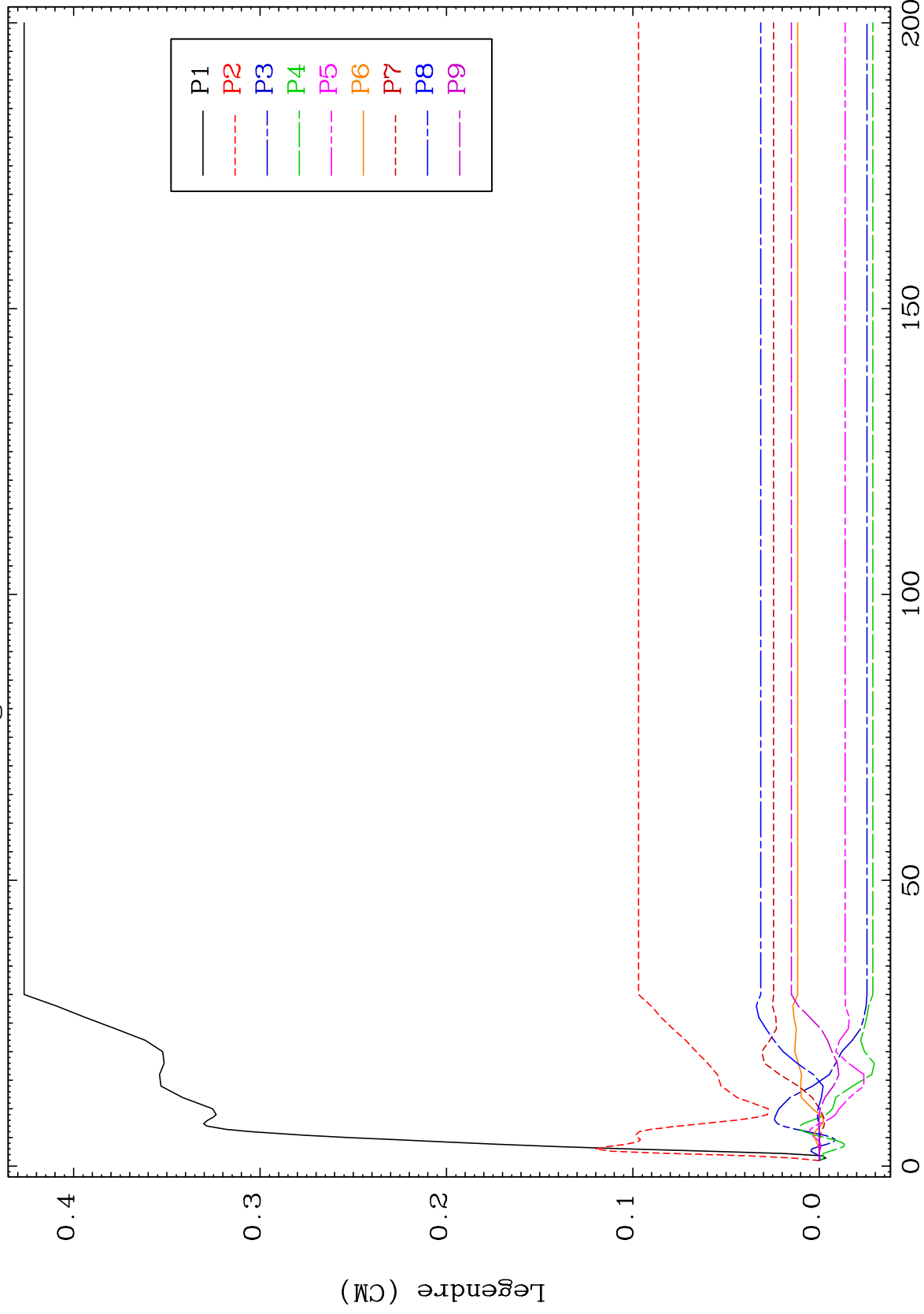
61-Pm-127



MAT 6089

MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-127



95

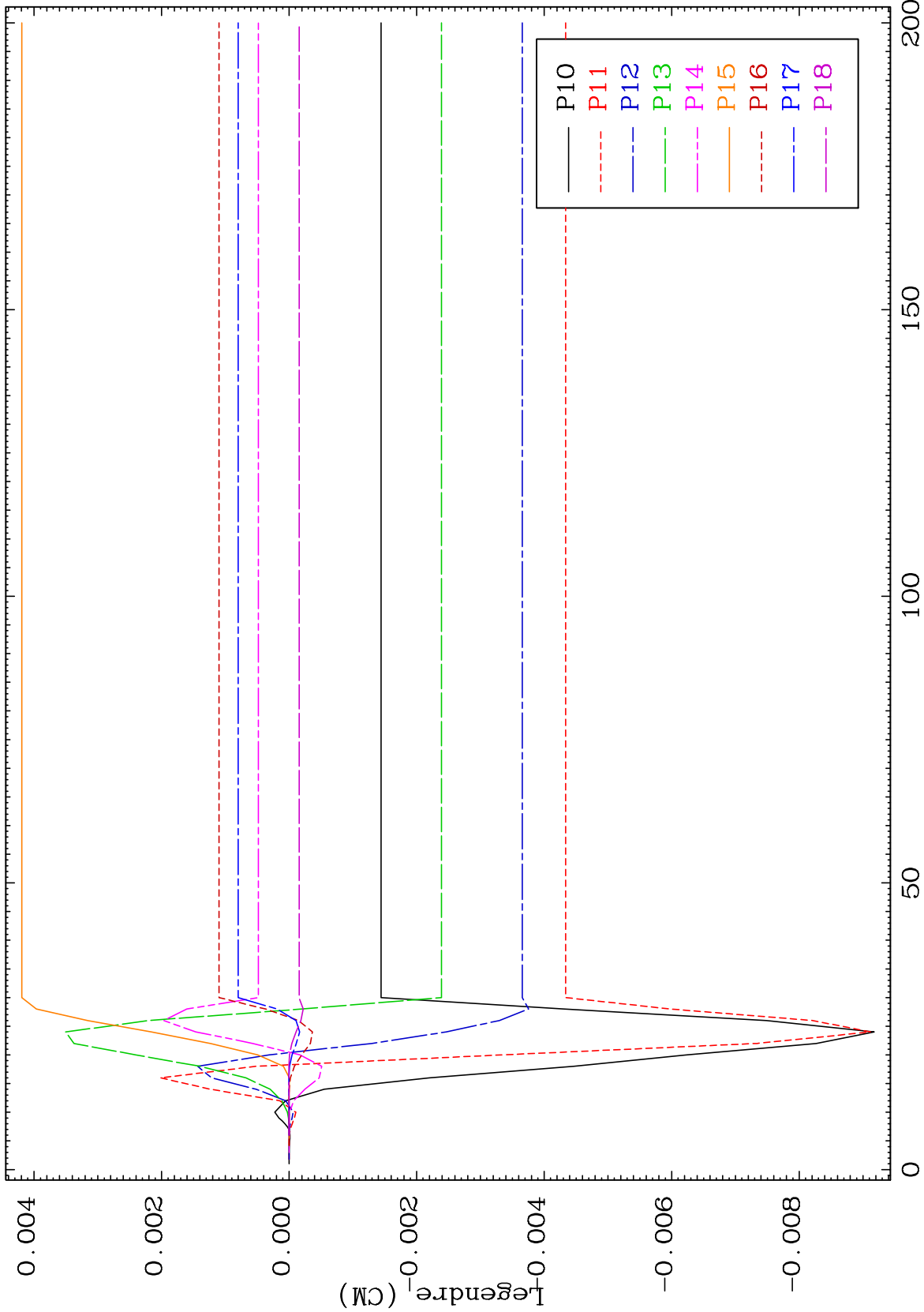
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 70 (n,n') Level
Legendre Coefficients

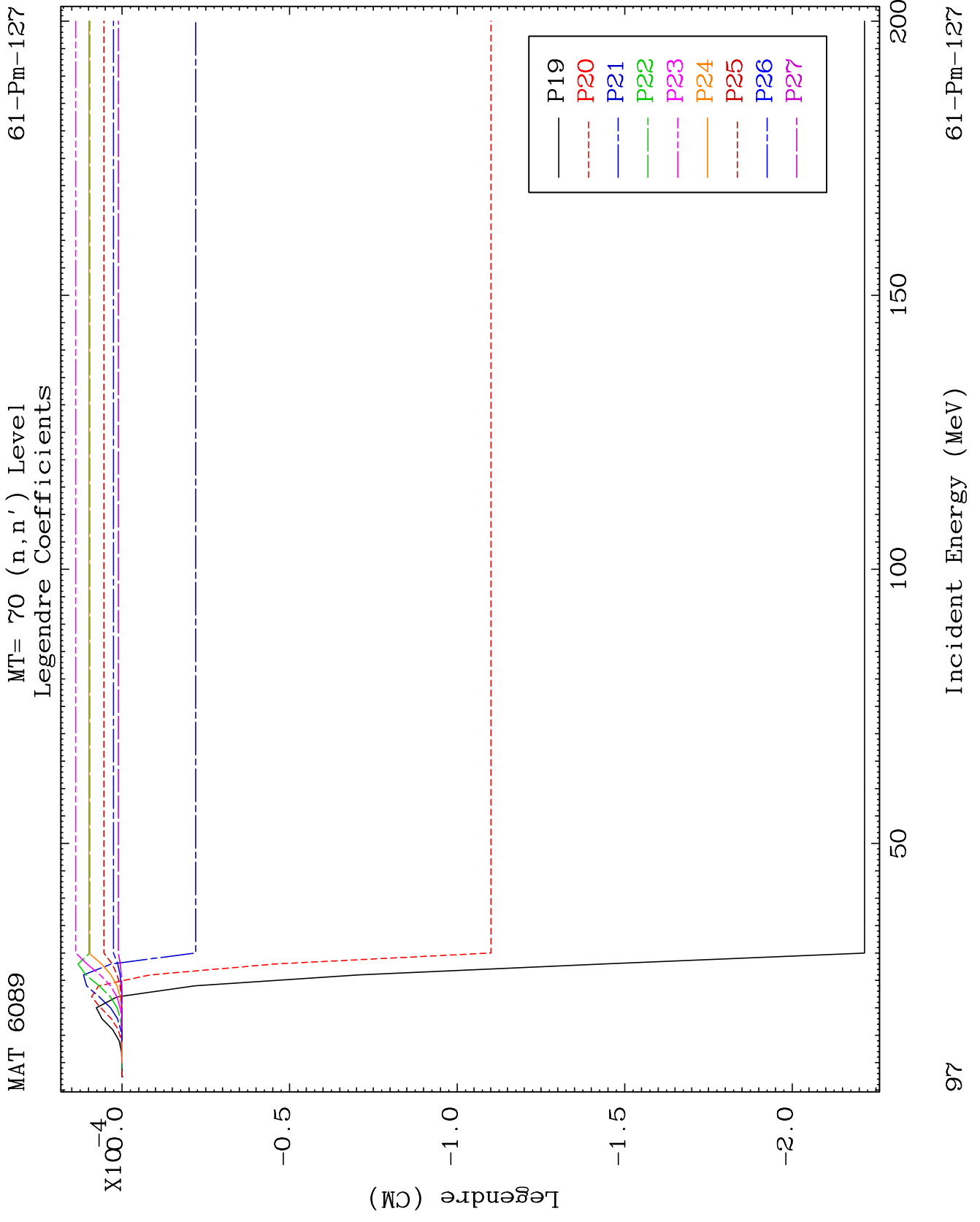
61-Pm-127



96

Incident Energy (MeV)

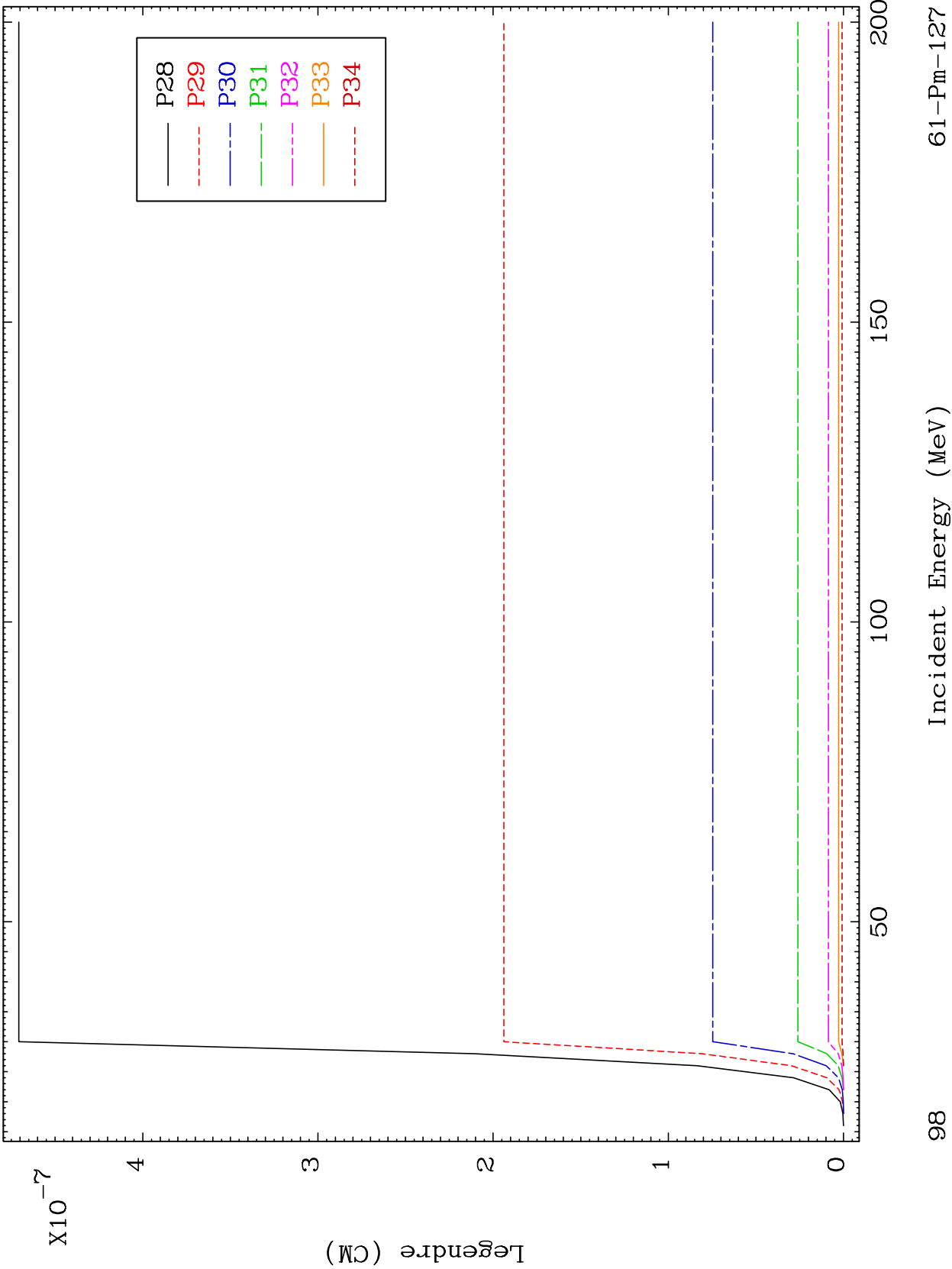
61-Pm-127



MAT 6089

MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-127



98

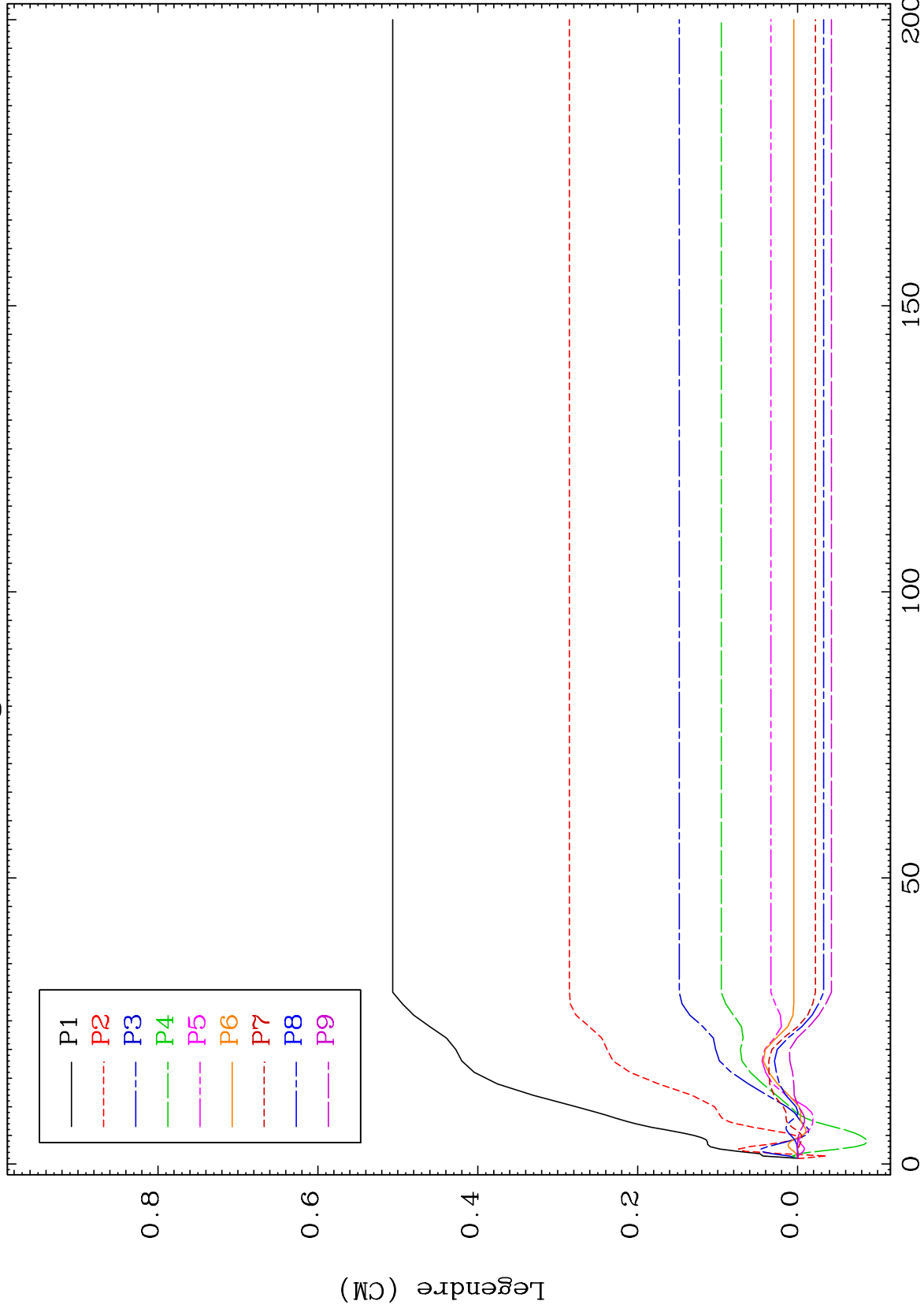
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 71 (n,n') Level
Legendre Coefficients

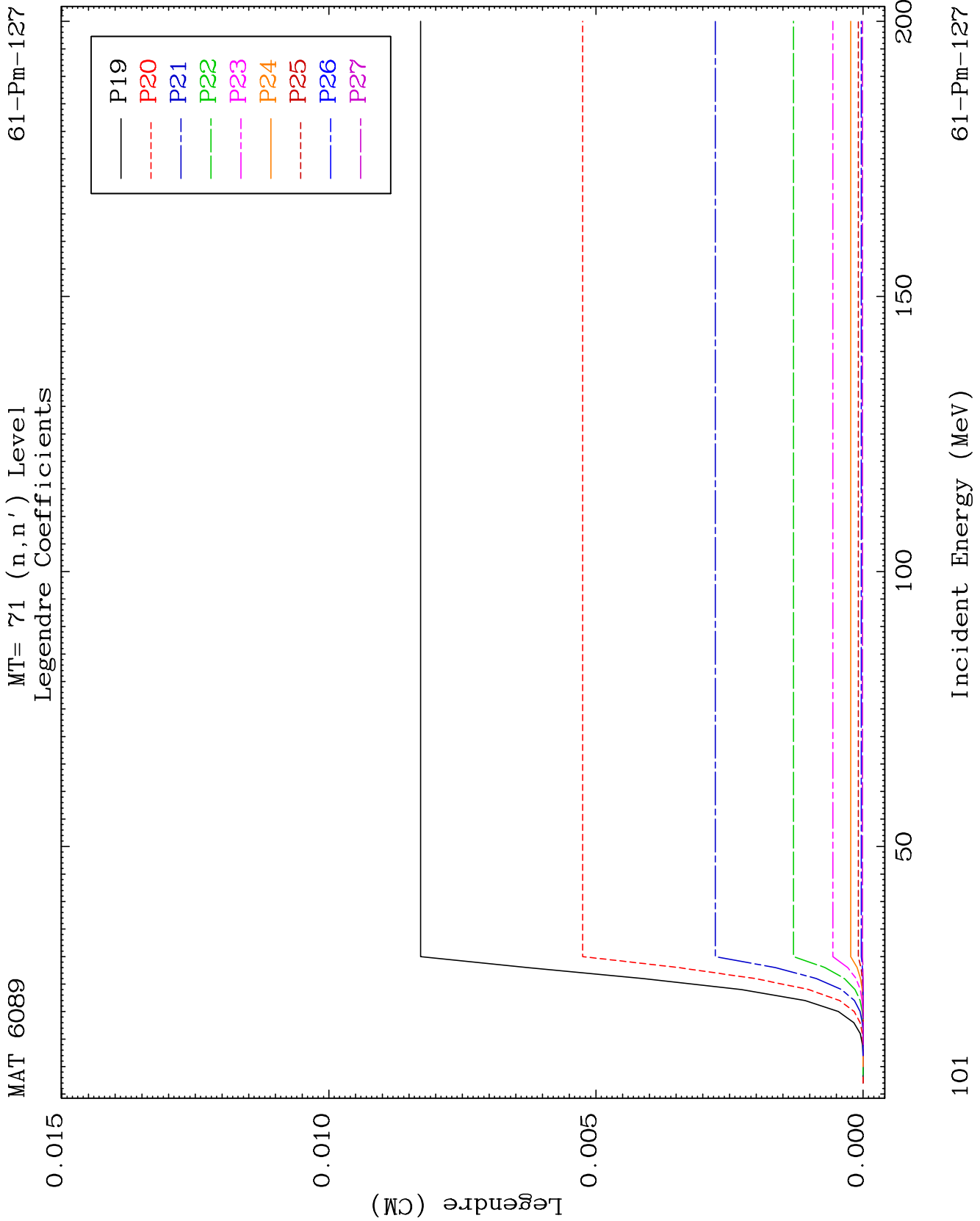
61-Pm-127



99

Incident Energy (MeV)

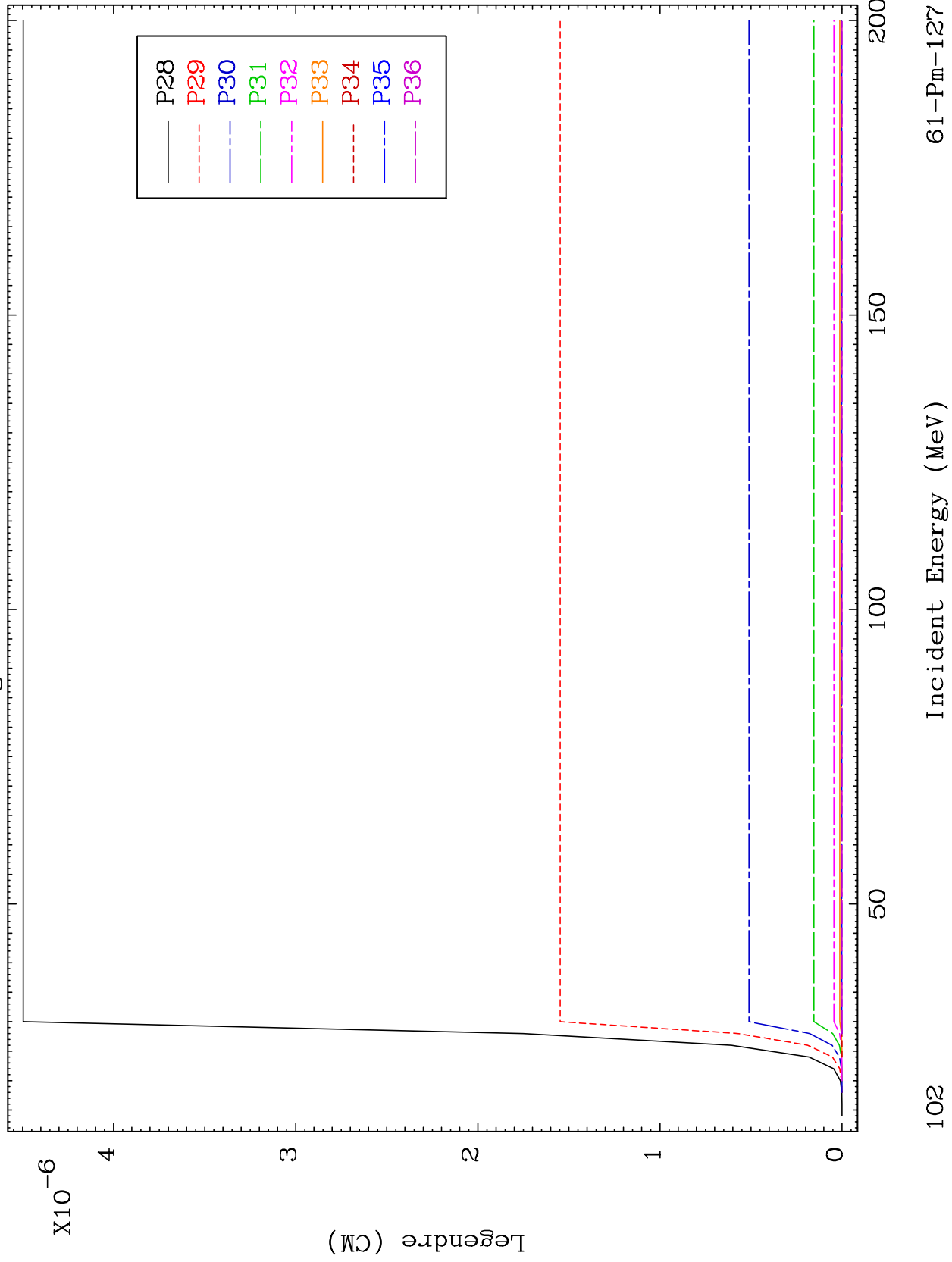
61-Pm-127



MAT 6089

MT= 71 (n,n') Level
Legendre Coefficients

61-Pm-127



102

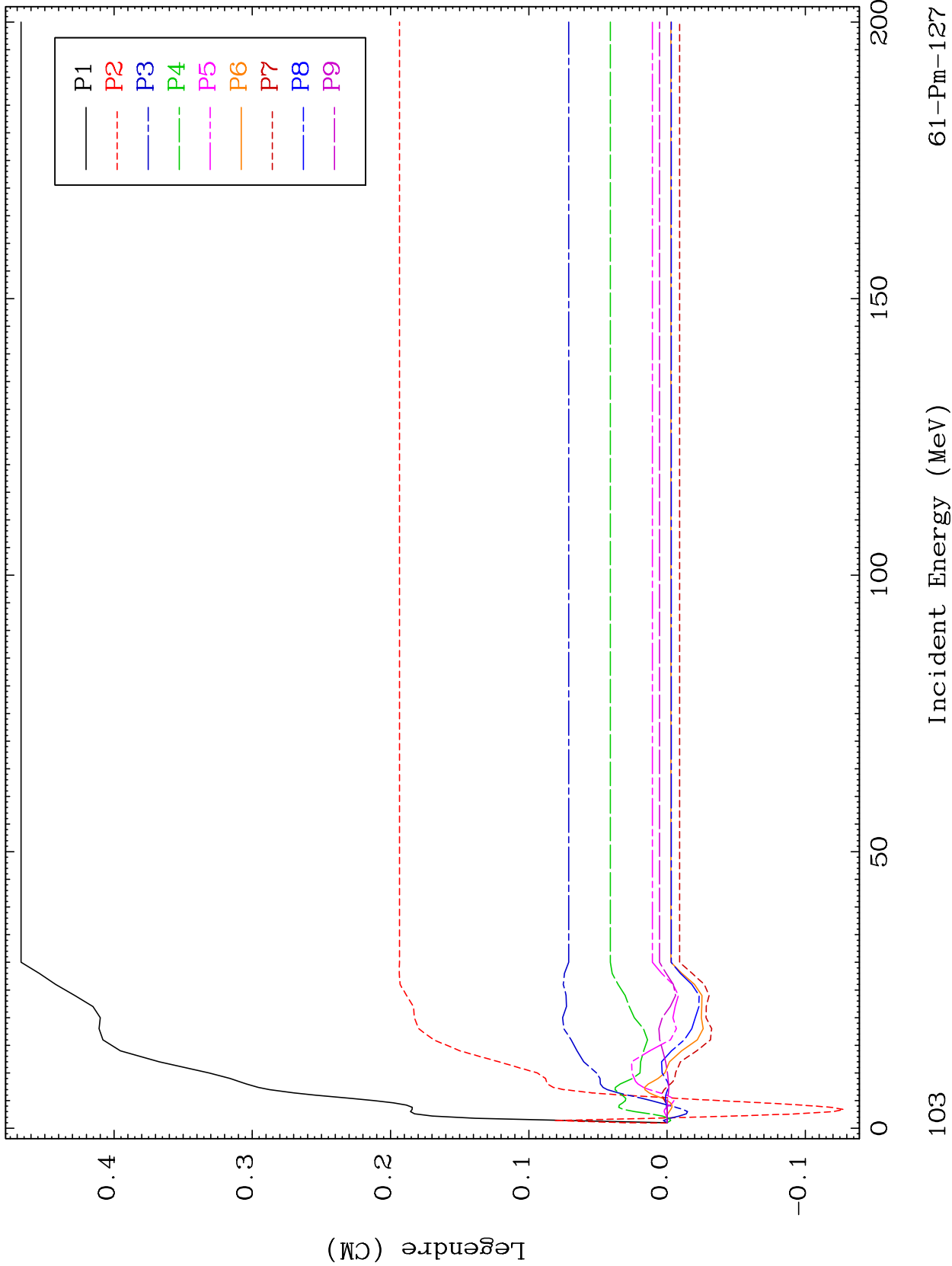
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 72 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

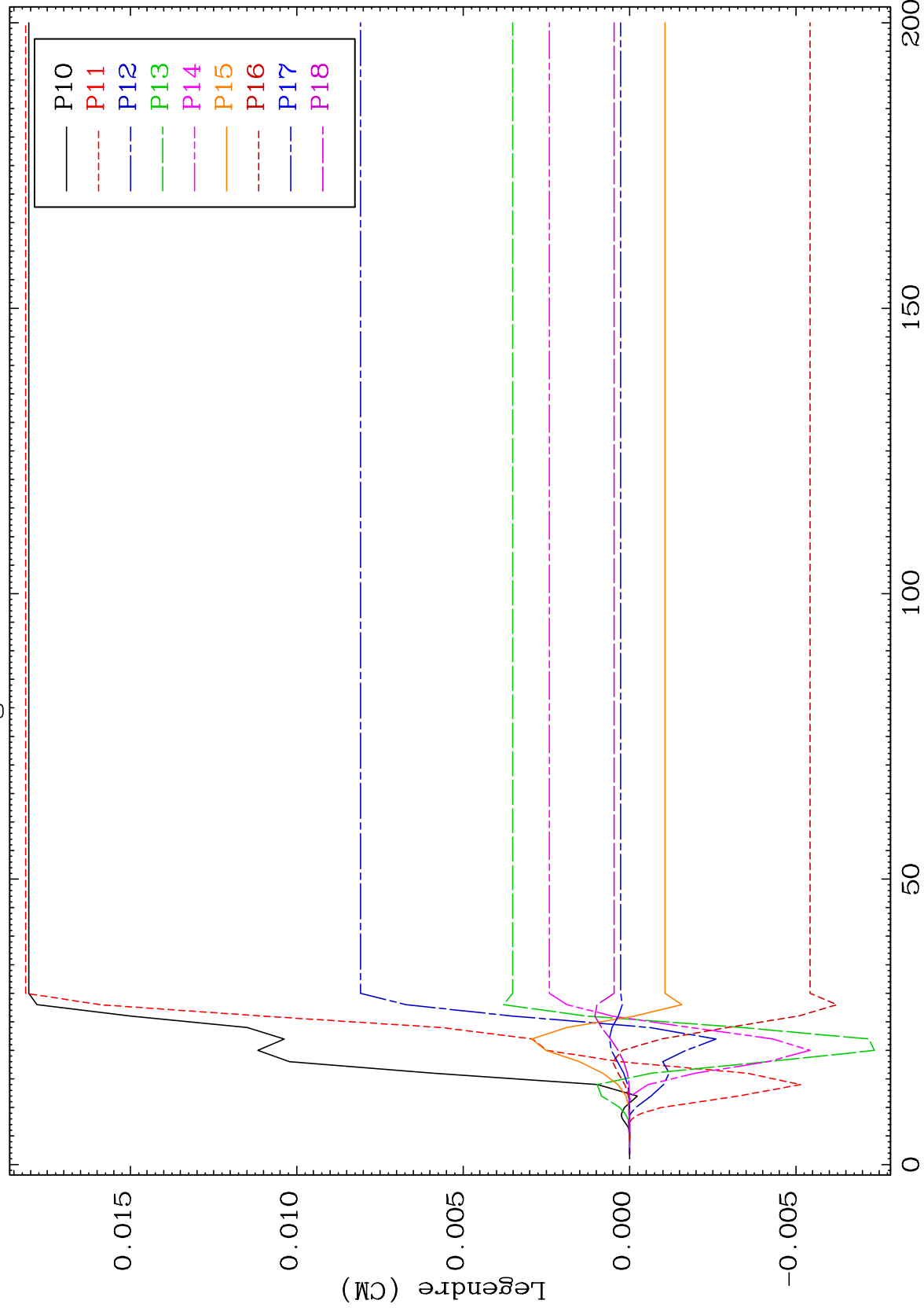
Incident Energy (MeV)

103

MAT 6089

MT= 72 (n,n') Level Legendre Coefficients

61-Pm-127



104

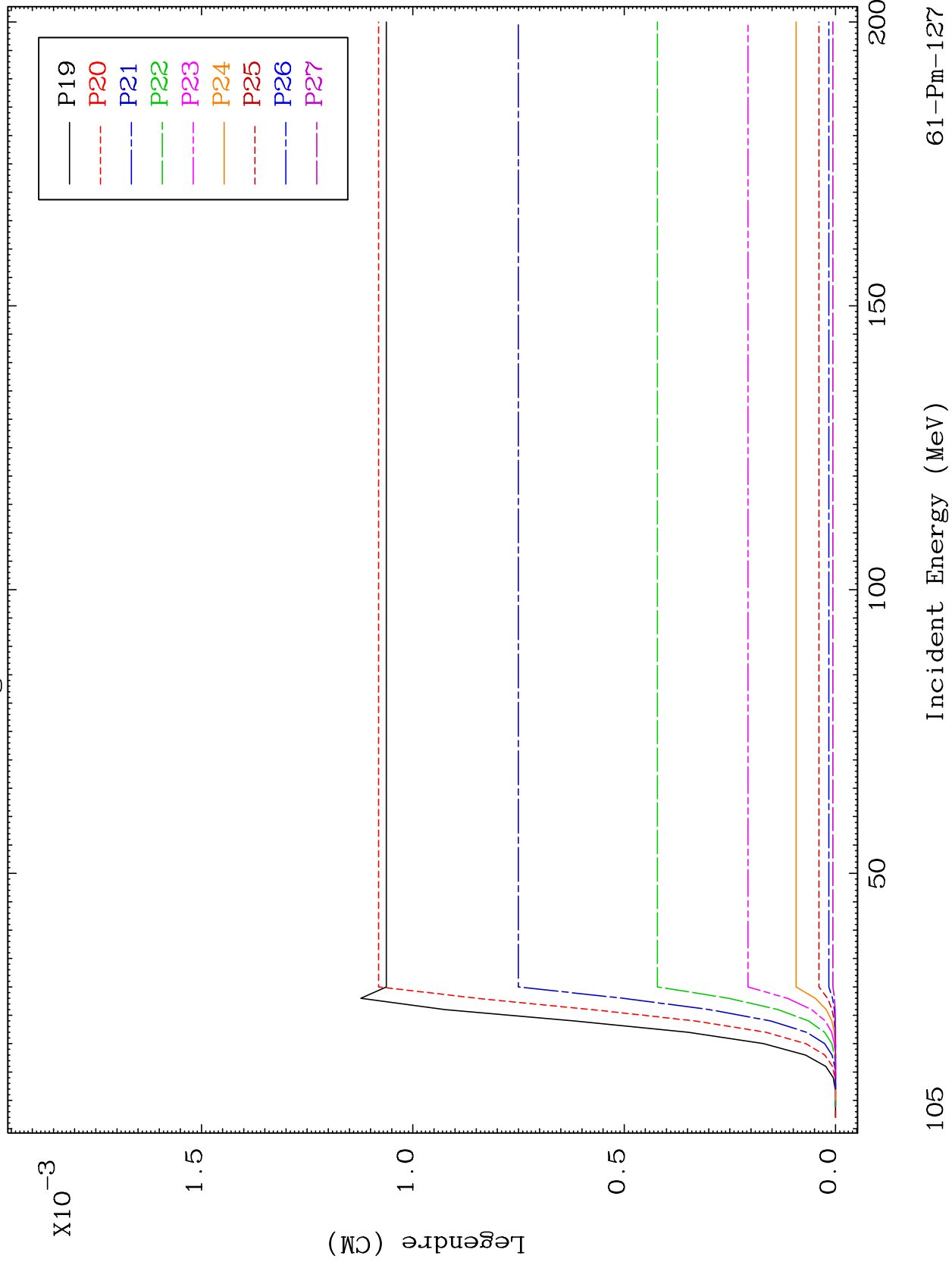
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 72 (n,n') Level
Legendre Coefficients

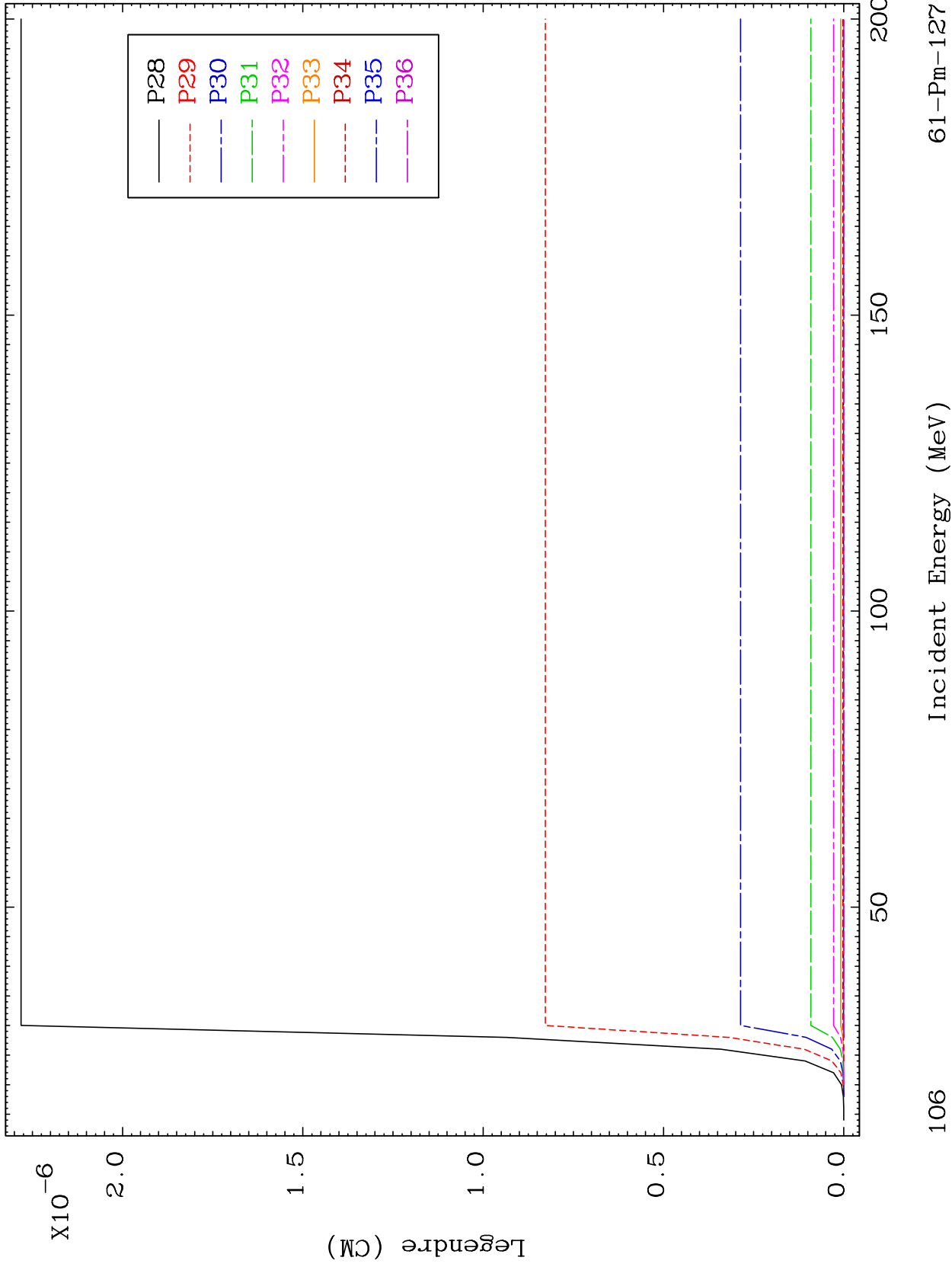
61-Pm-127



MAT 6089

MT= 72 (n,n') Level
Legendre Coefficients

61-Pm-127



106

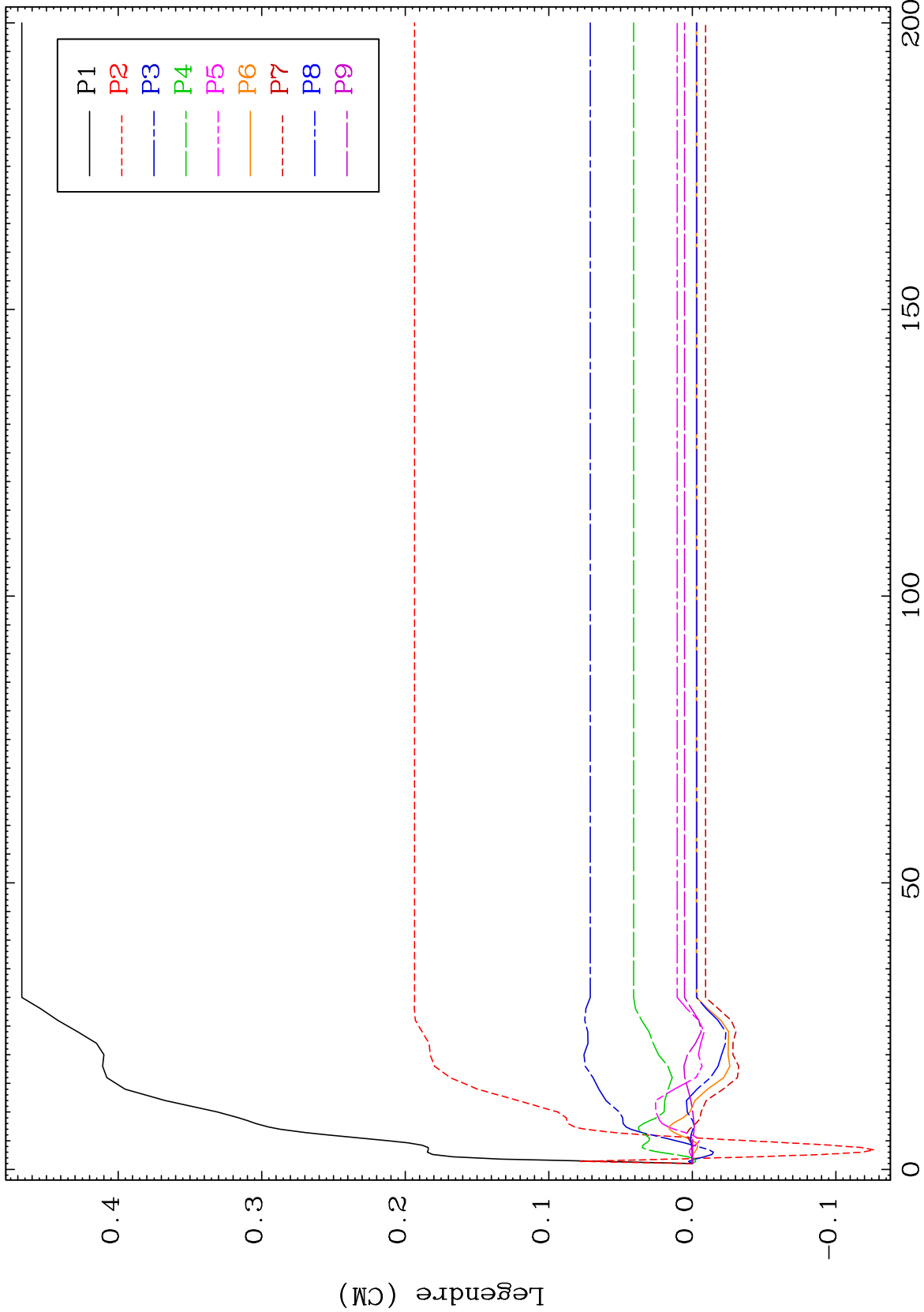
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

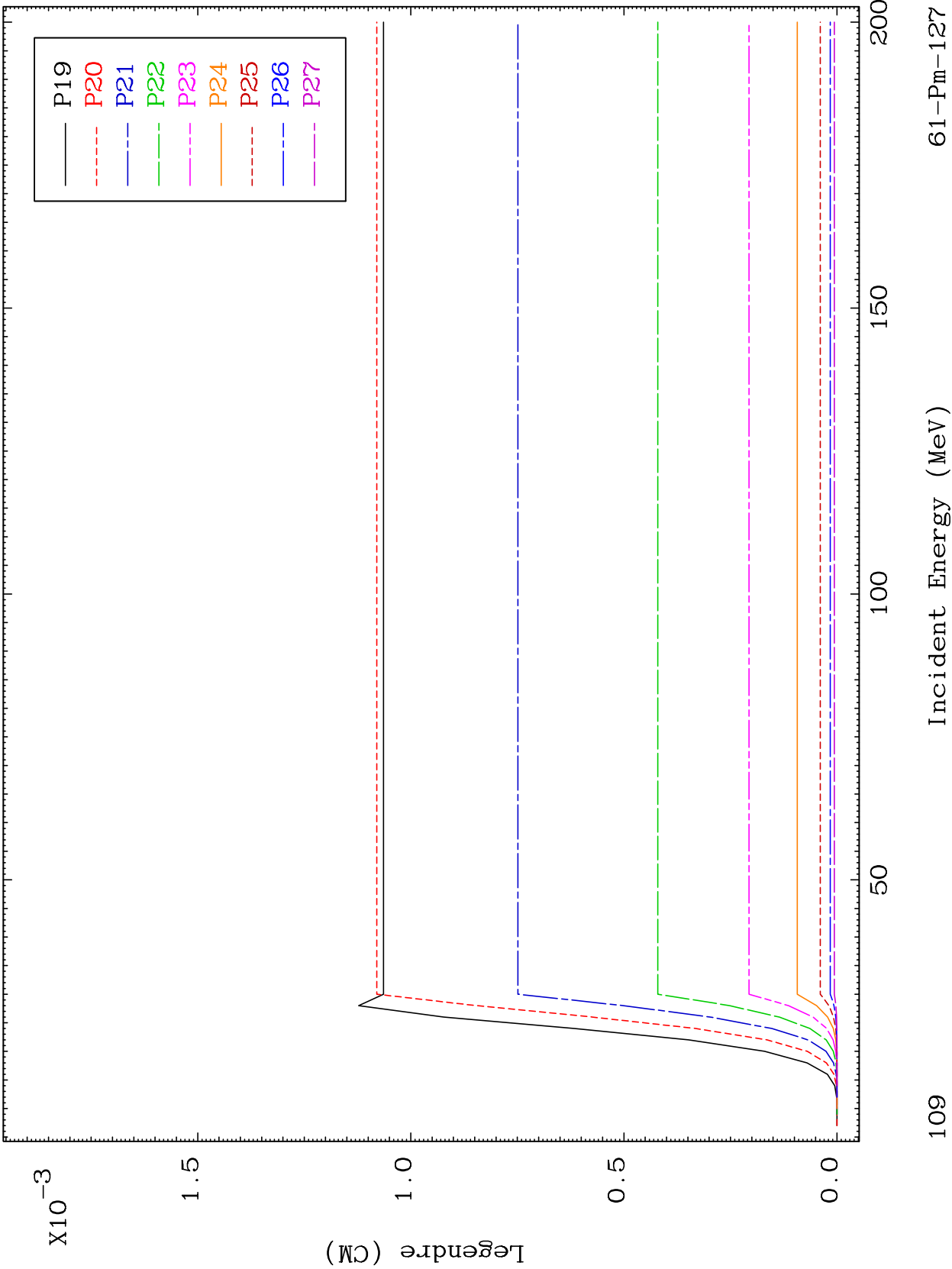
Incident Energy (MeV)

107

MAT 6089

MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-127



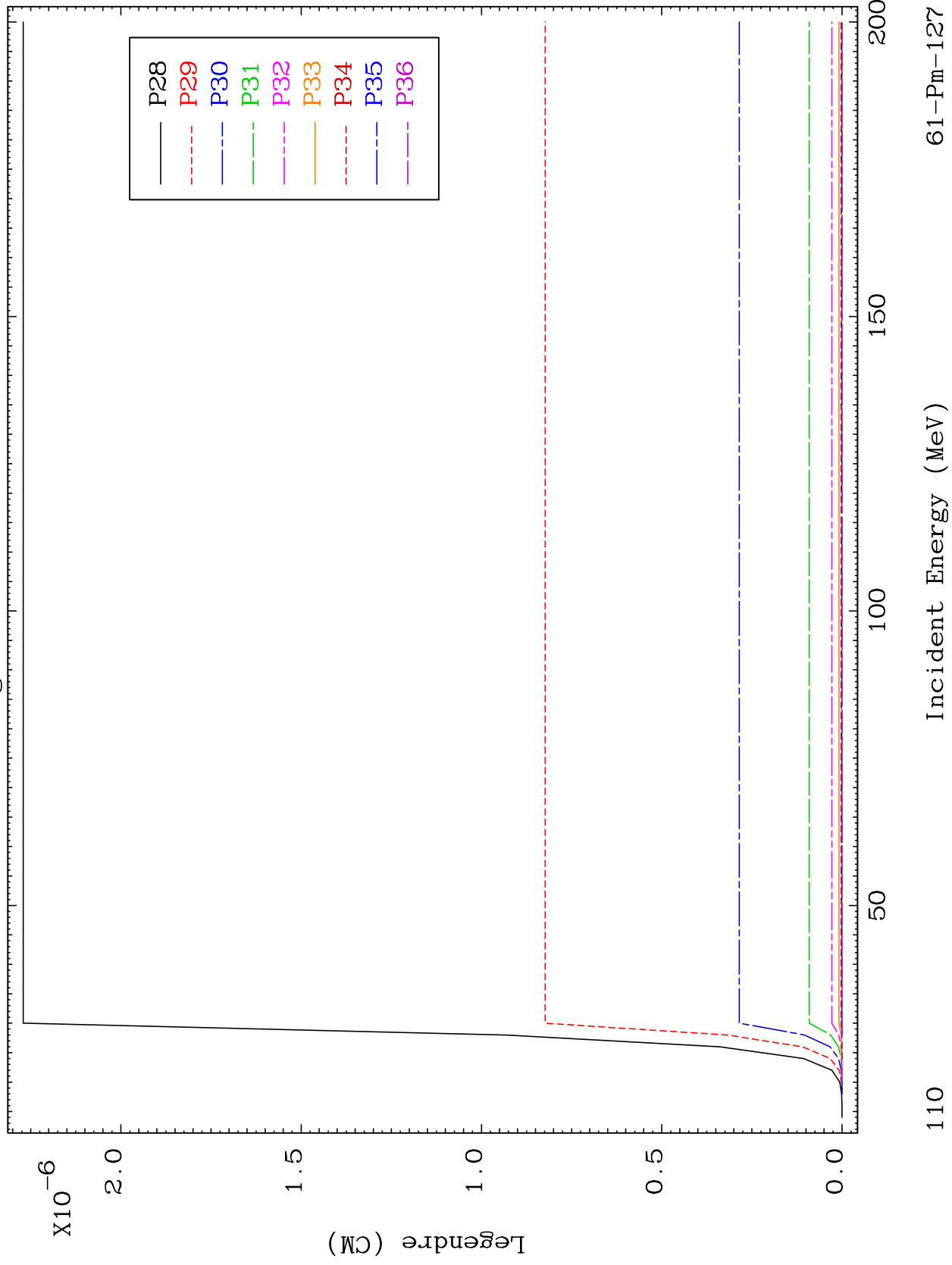
109

61-Pm-127

MAT 6089

MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-127



61-Pm-127

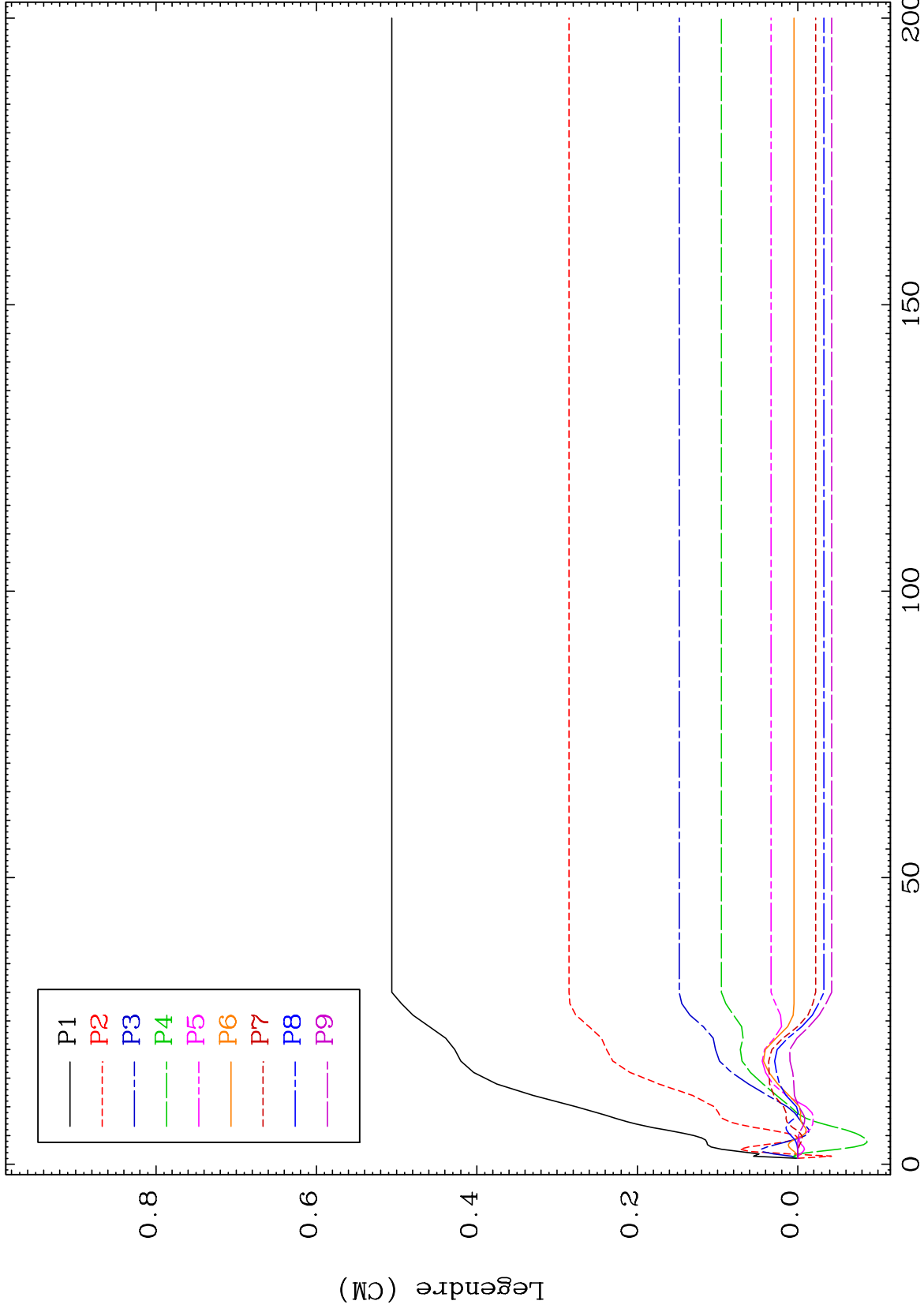
Incident Energy (MeV)

110

MAT 6089

MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-127



111

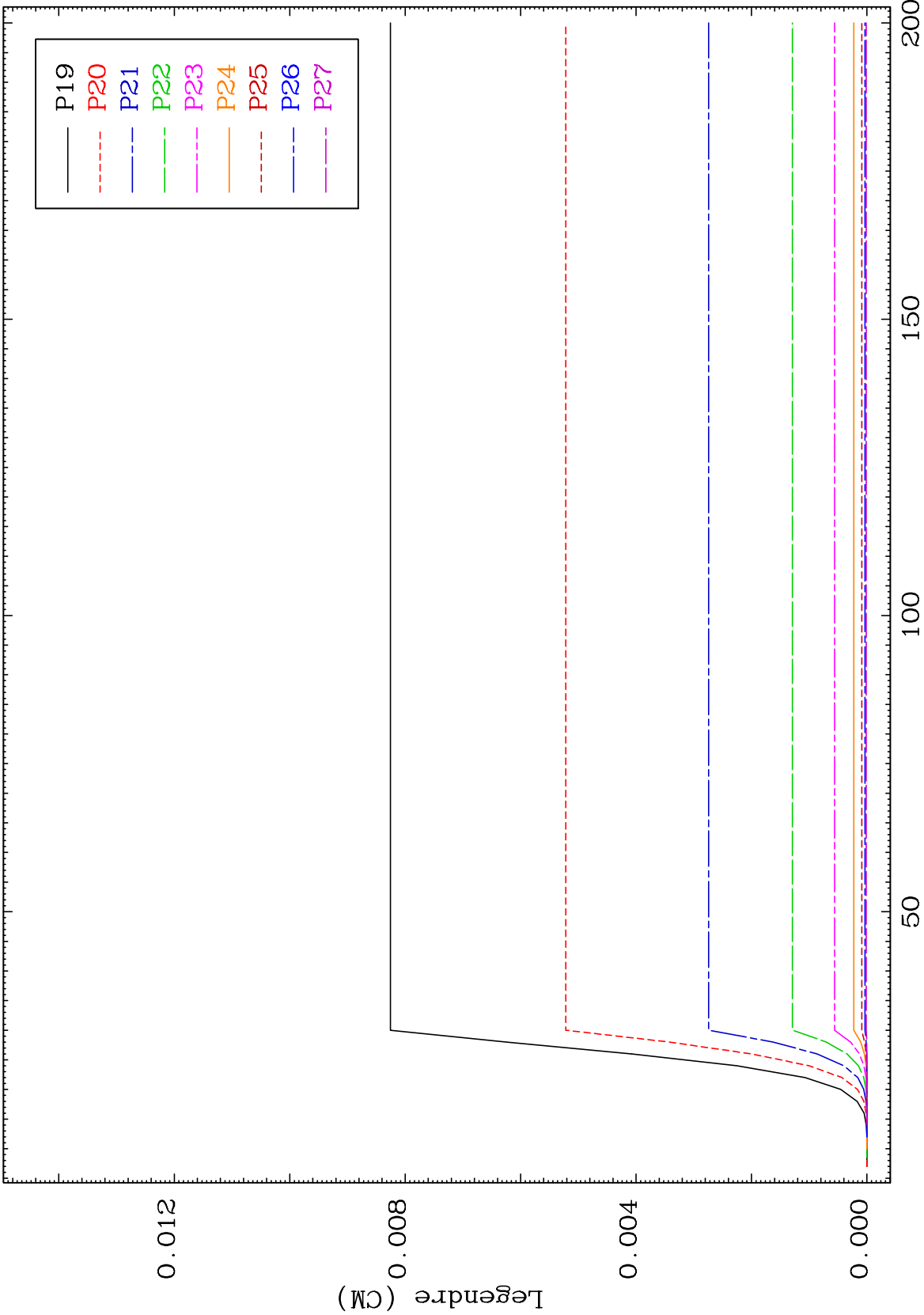
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-127



113

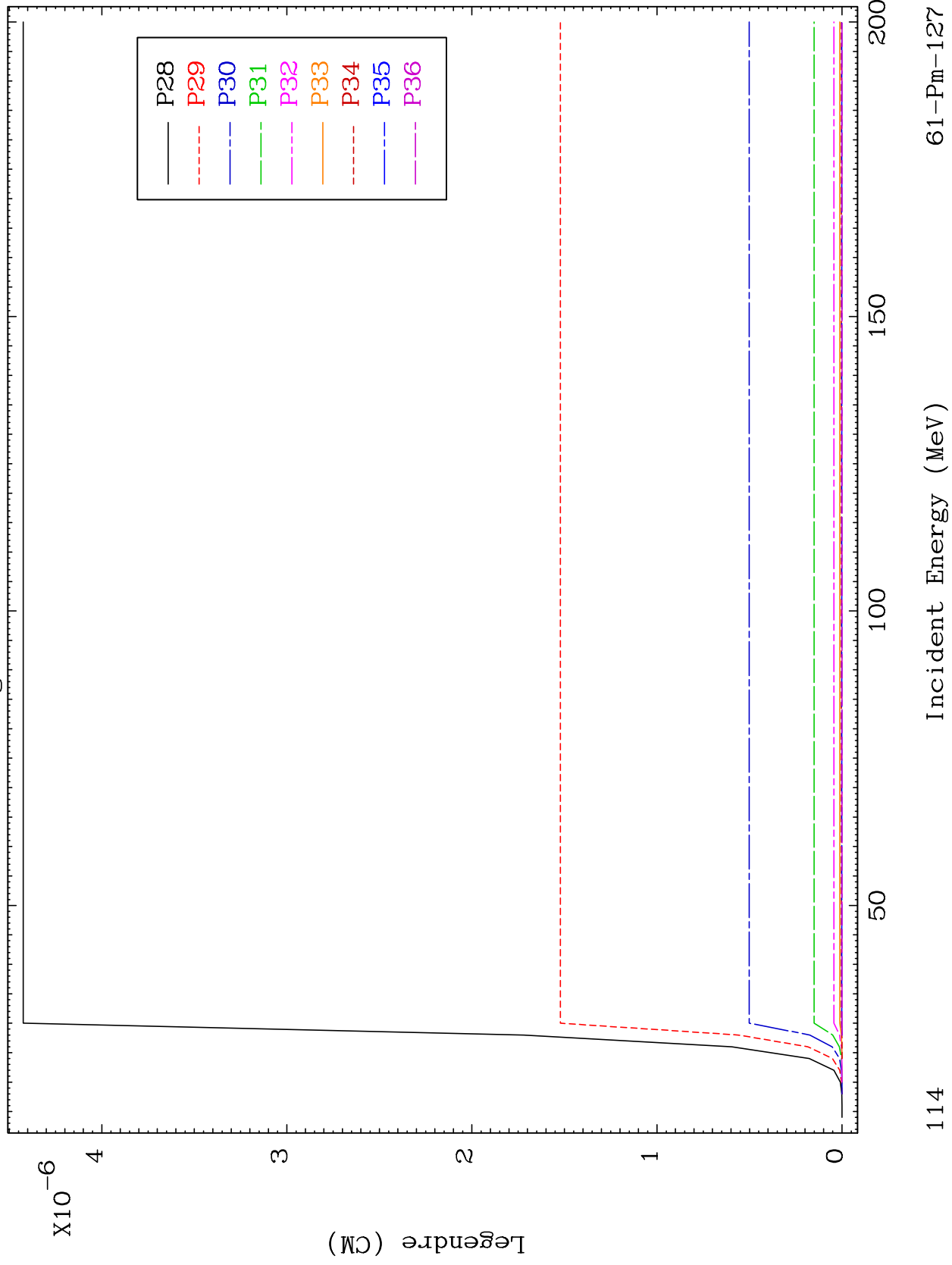
Incident Energy (MeV)

61-Pm-127

MAT 6089

MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-127

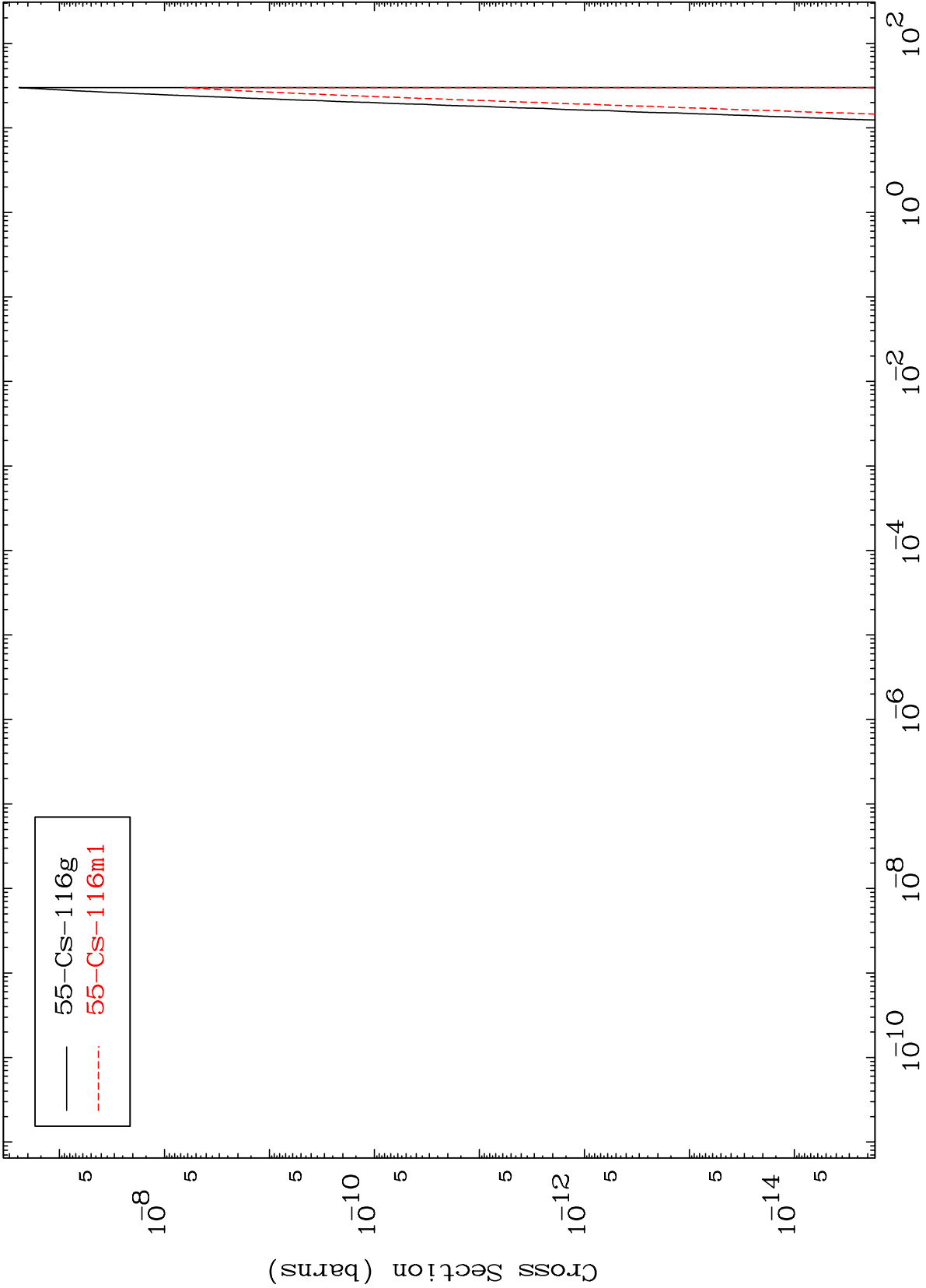


MAT 6089

(n,3α)

61-Pm-127

Radionuclide Production Cross Section



55-Cs-116g
55-Cs-116m1