

Program EVALPLOT
(Version 2021-1)

by

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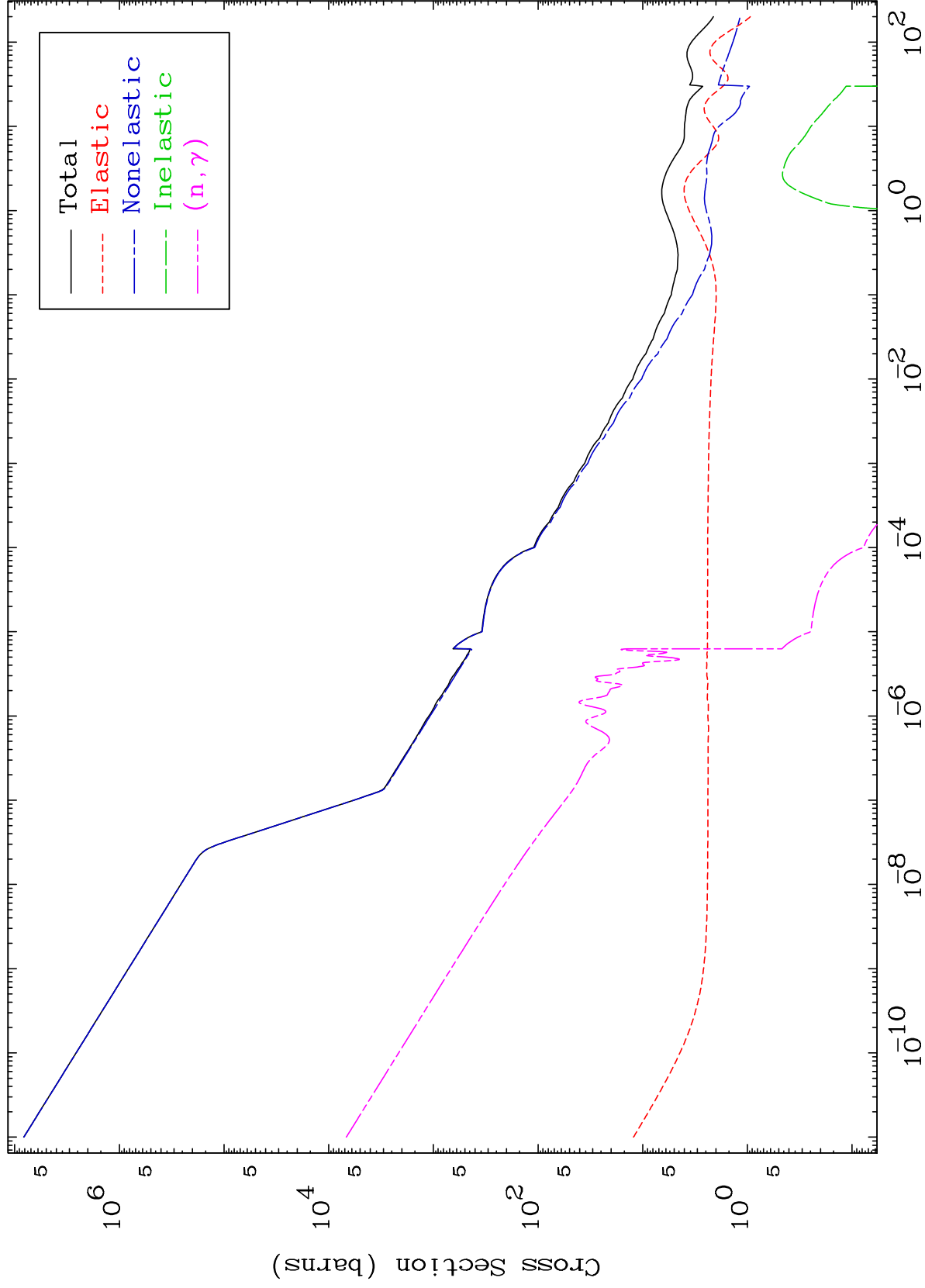
Press Mouse Button to Start

MAT 6089

Neutron Major

293 Kelvin Cross Sections

61-Pm-127



1

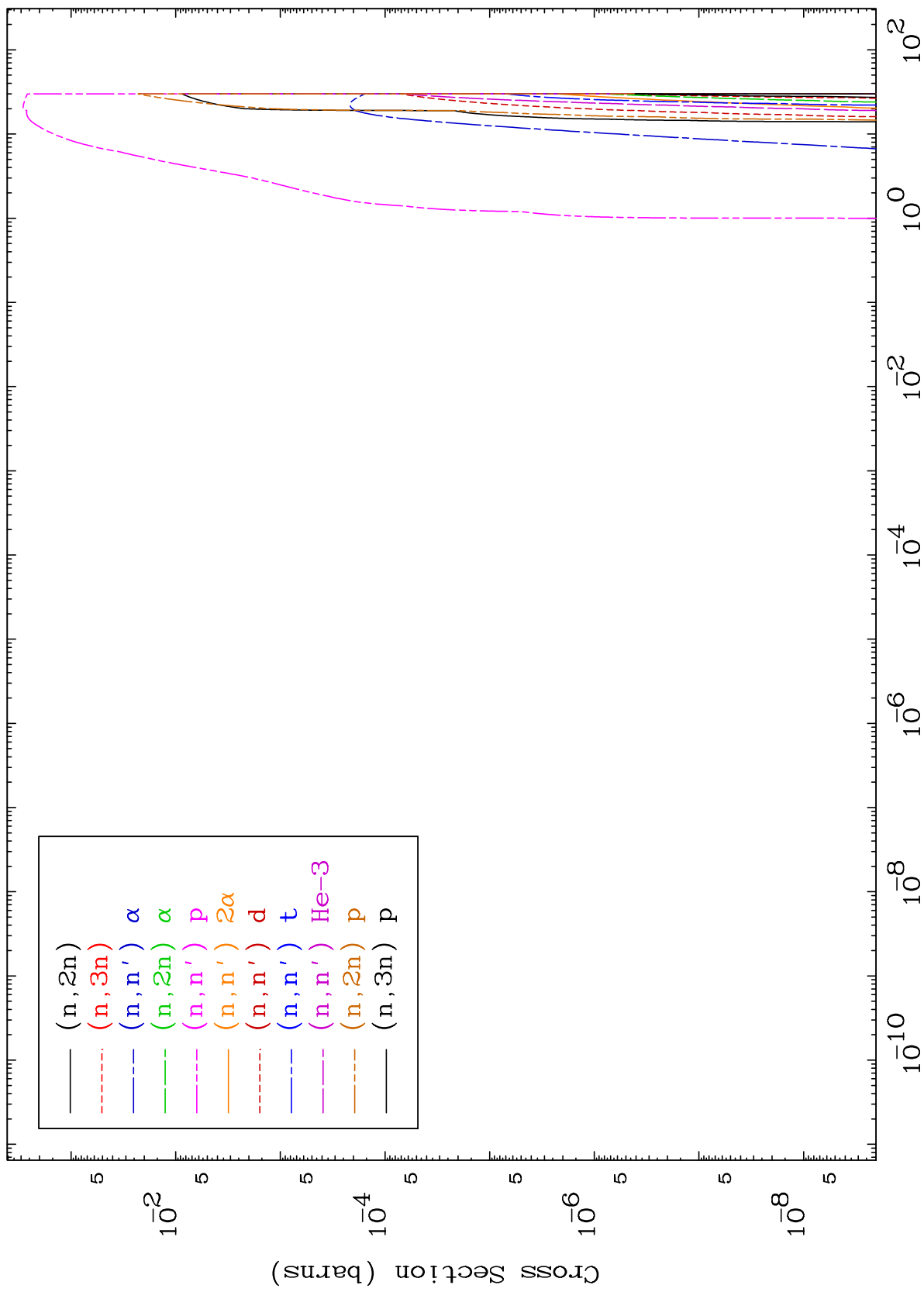
Incident Energy (MeV)

61-Pm-127

MAT 6089

Neutron Absorption
293 Kelvin Cross Sections

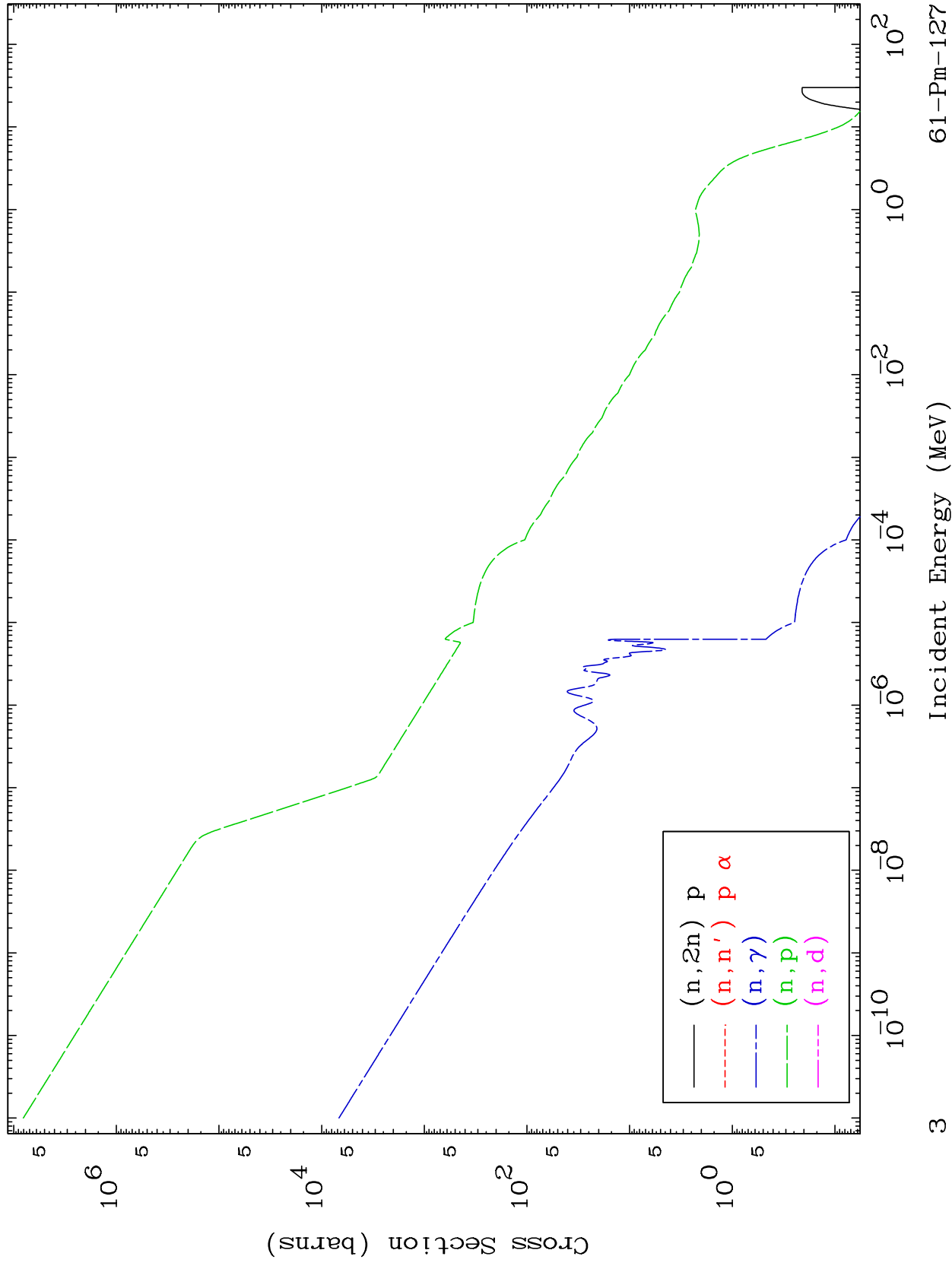
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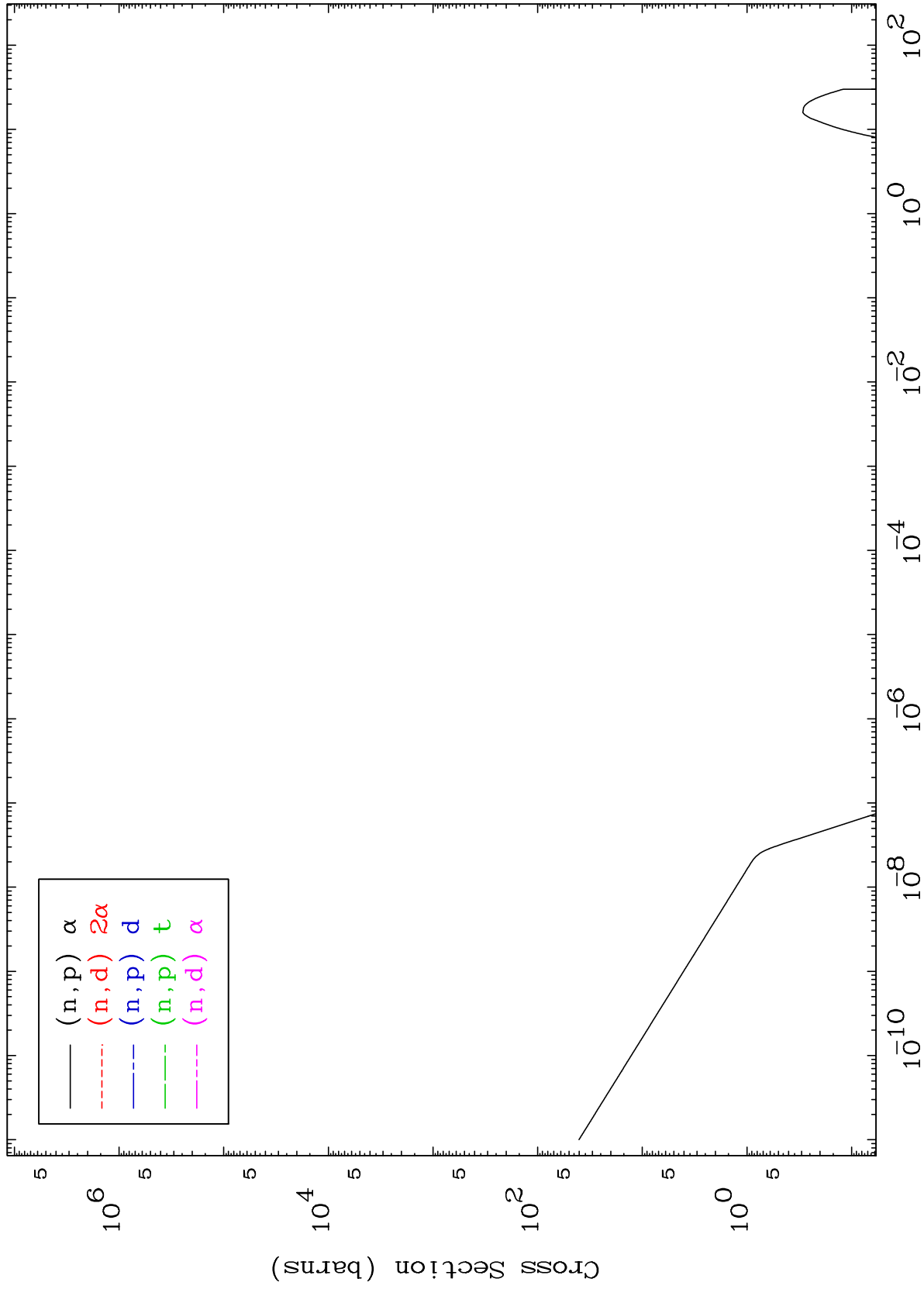


2

Incident Energy (MeV)

61-Pm-127

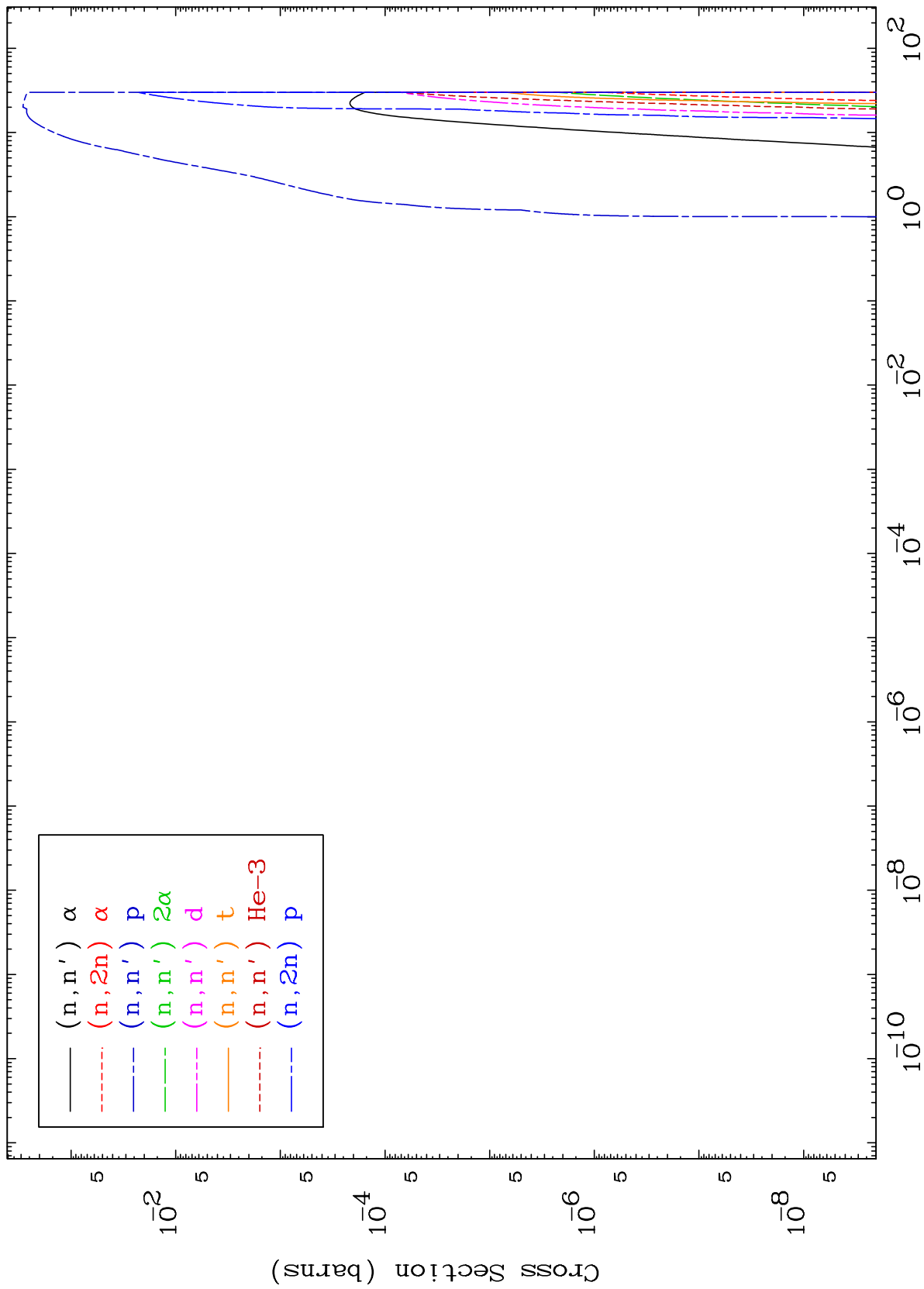




MAT 6089

Charged Particle
293 Kelvin Cross Sections

61-Pm-127



5

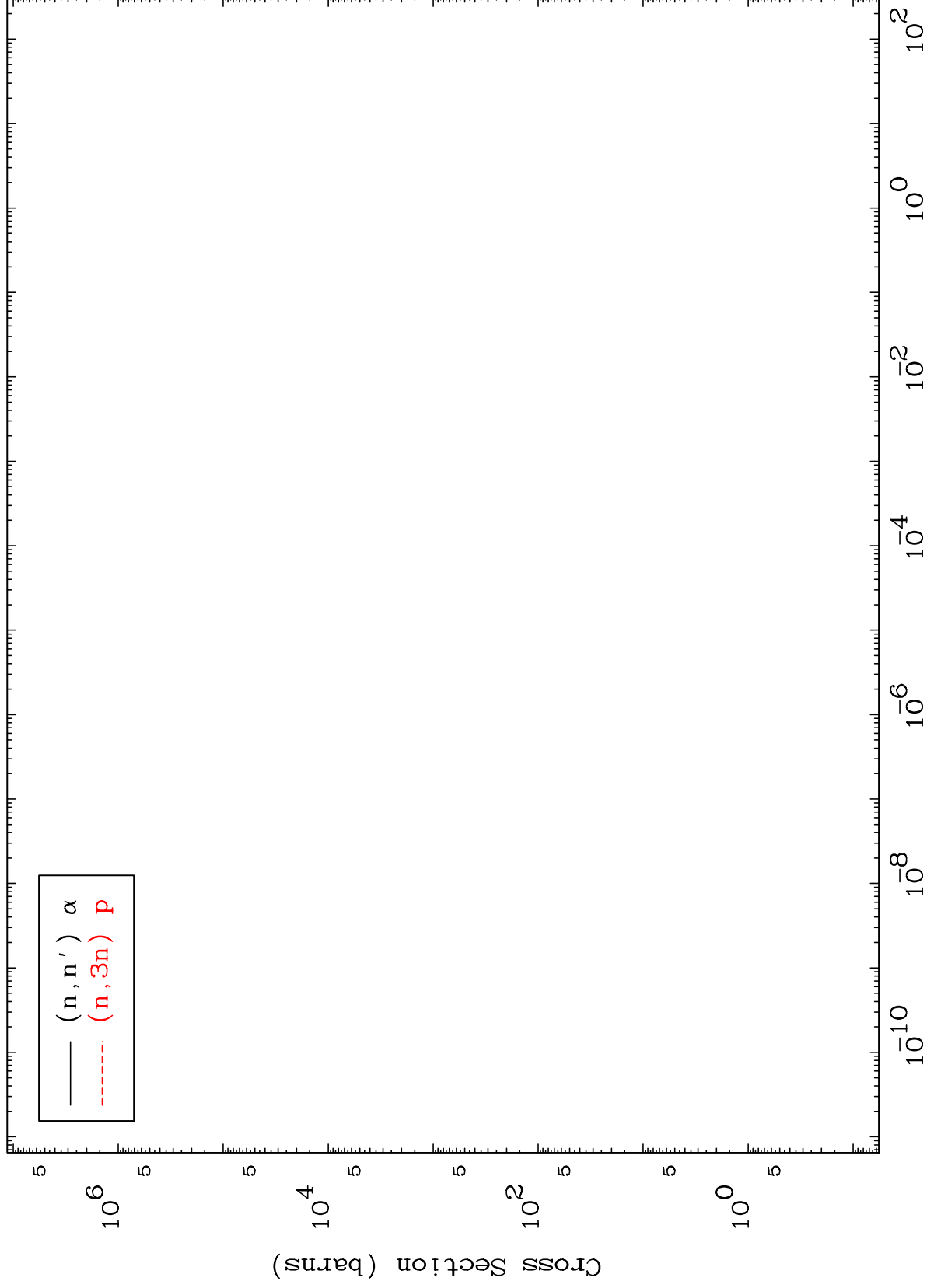
Incident Energy (MeV)

61-Pm-127

MAT 6089

Charged Particle
293 Kelvin Cross Sections

61-Pm-127

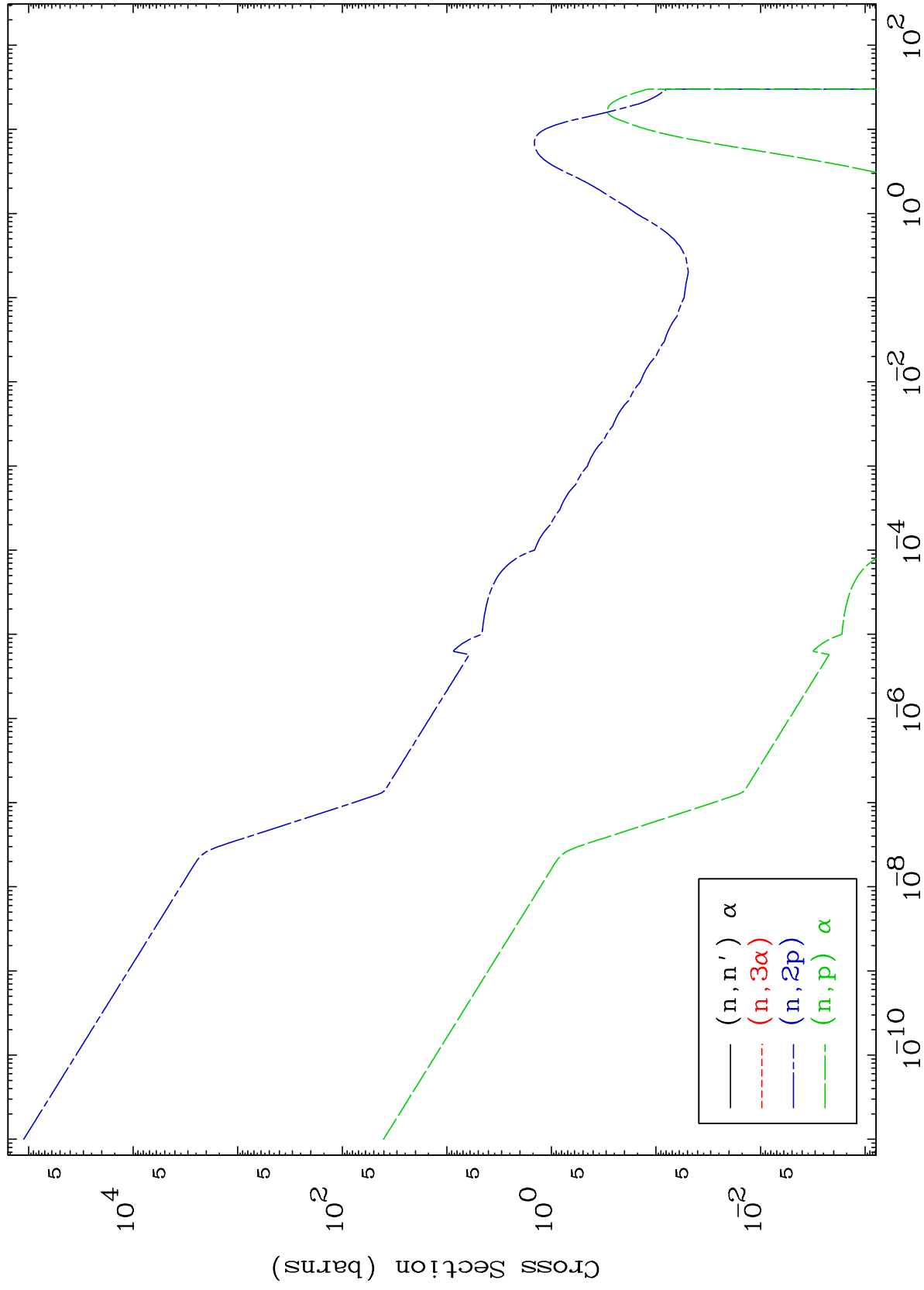


6

MAT 6089

Charged Particle
293 Kelvin Cross Sections

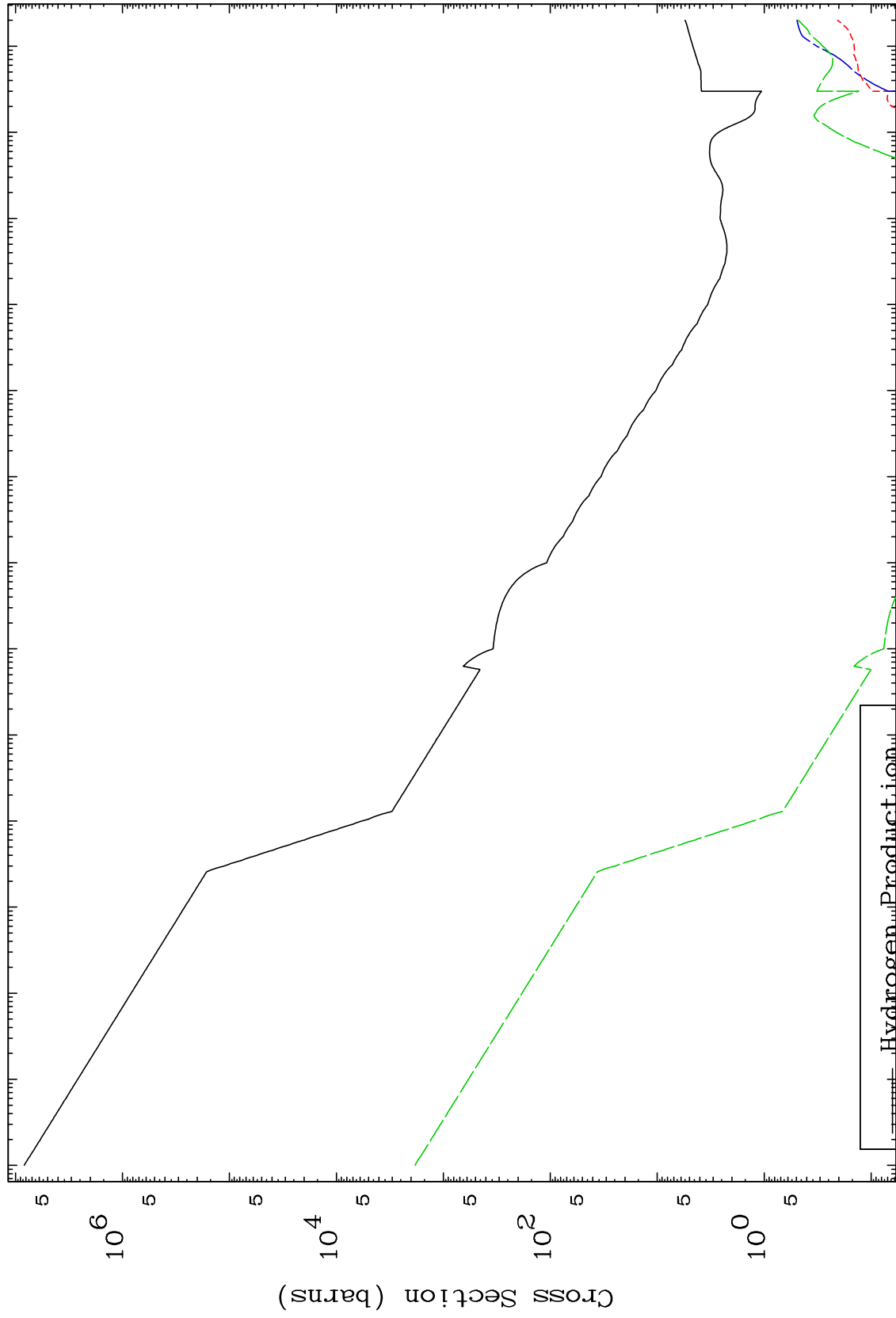
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MAT 6089

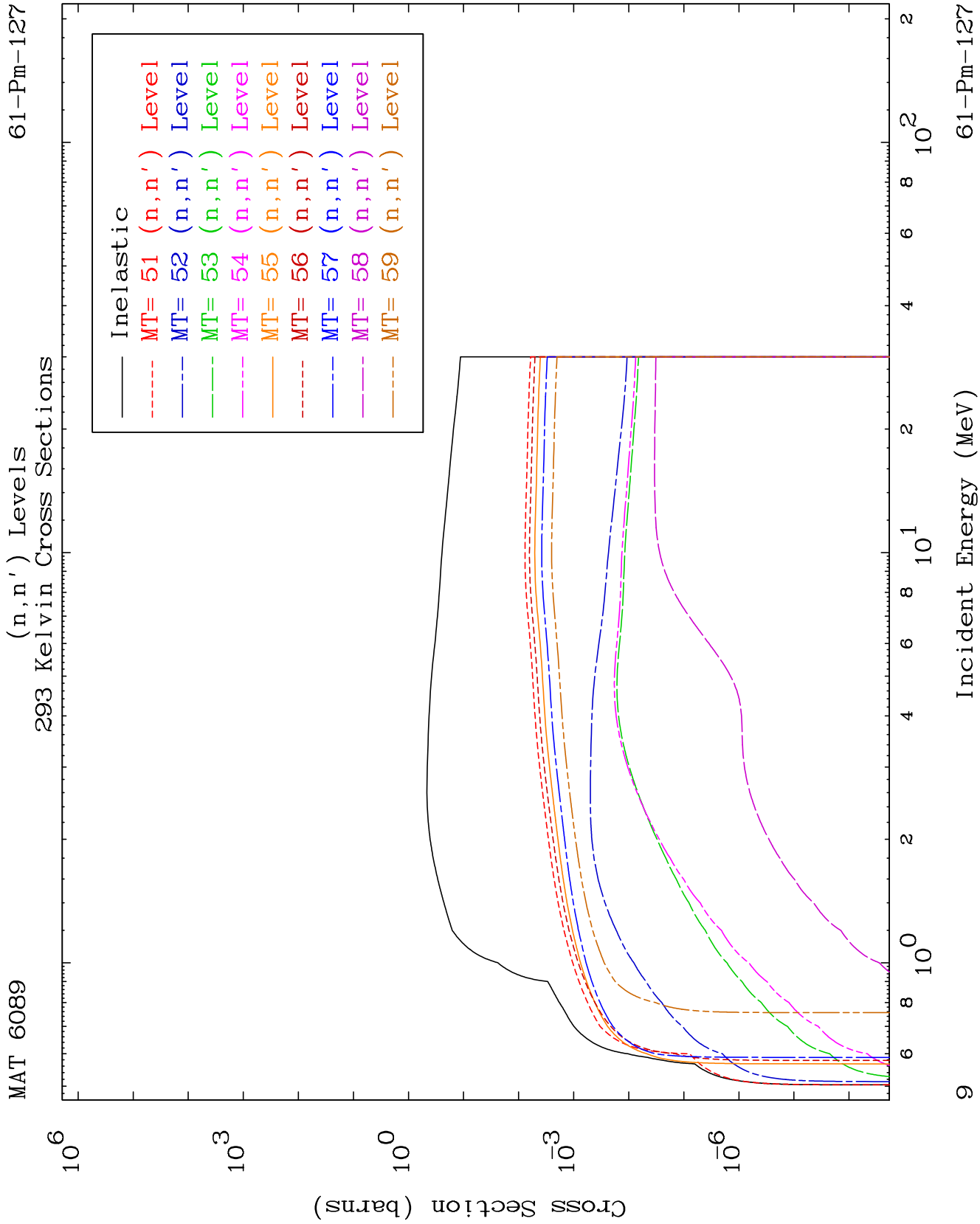
Particle Production
293 Kelvin Cross Sections

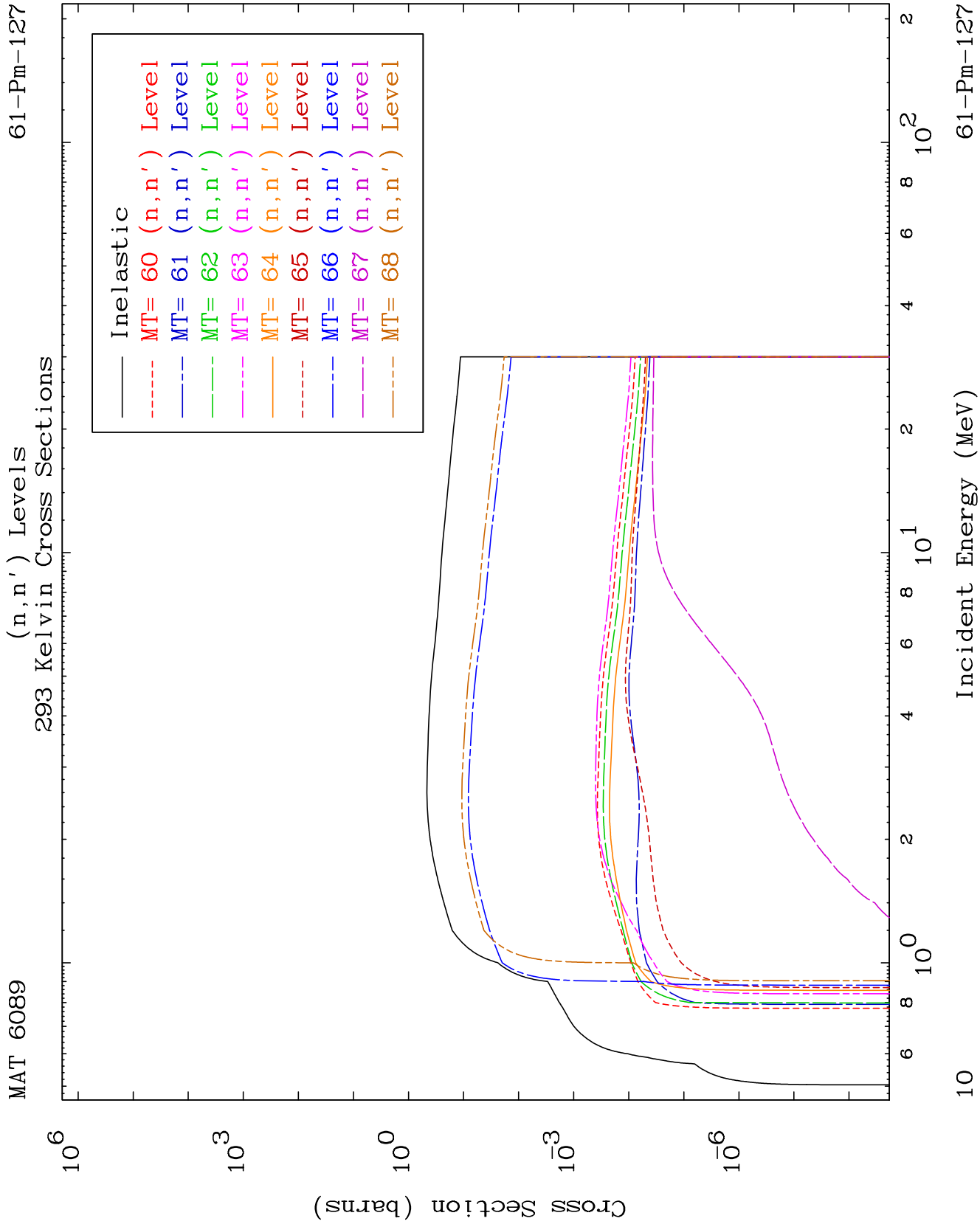
61-Pm-127



8

61-Pm-127

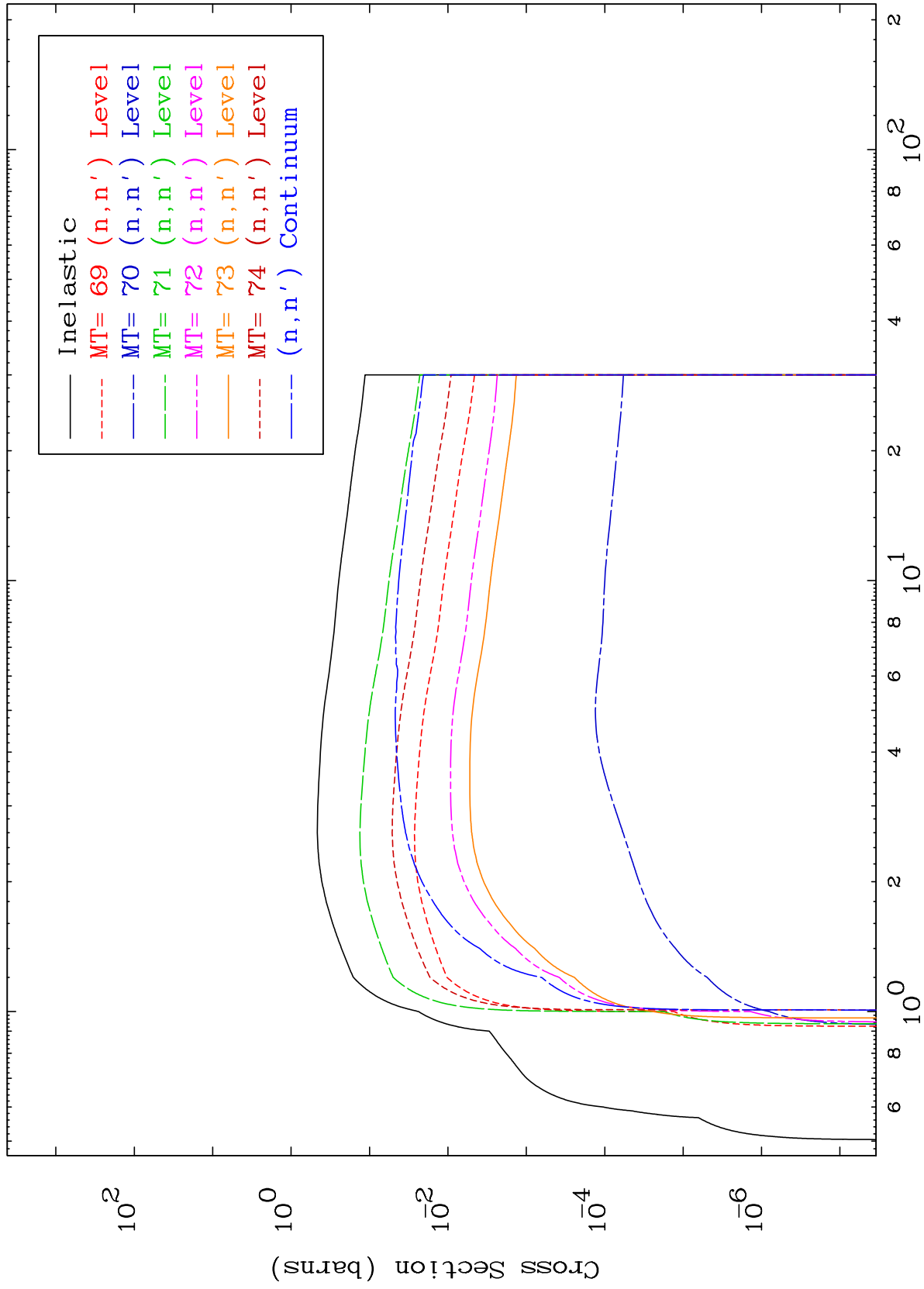




MAT 6089

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-127



11

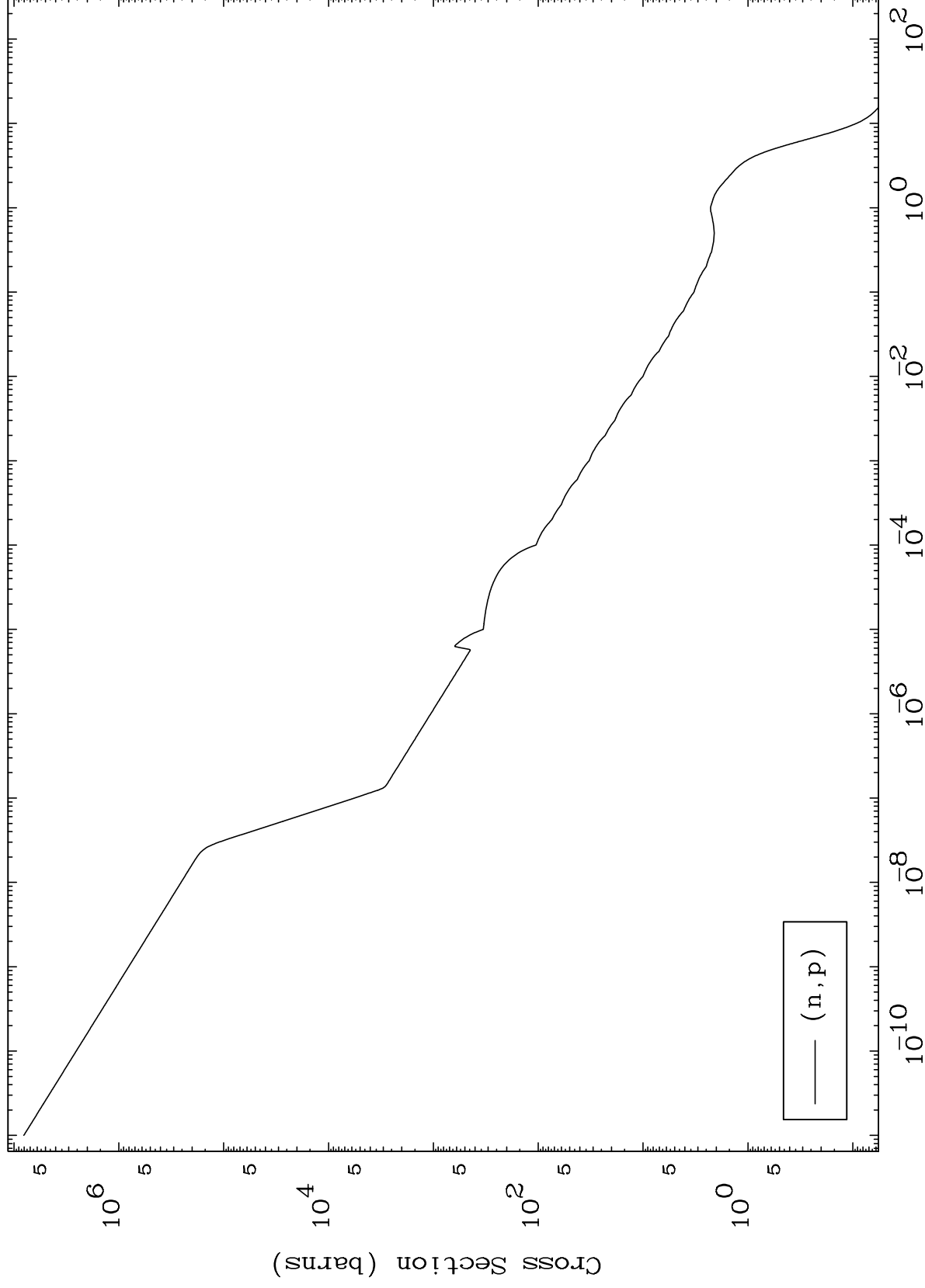
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-127



12

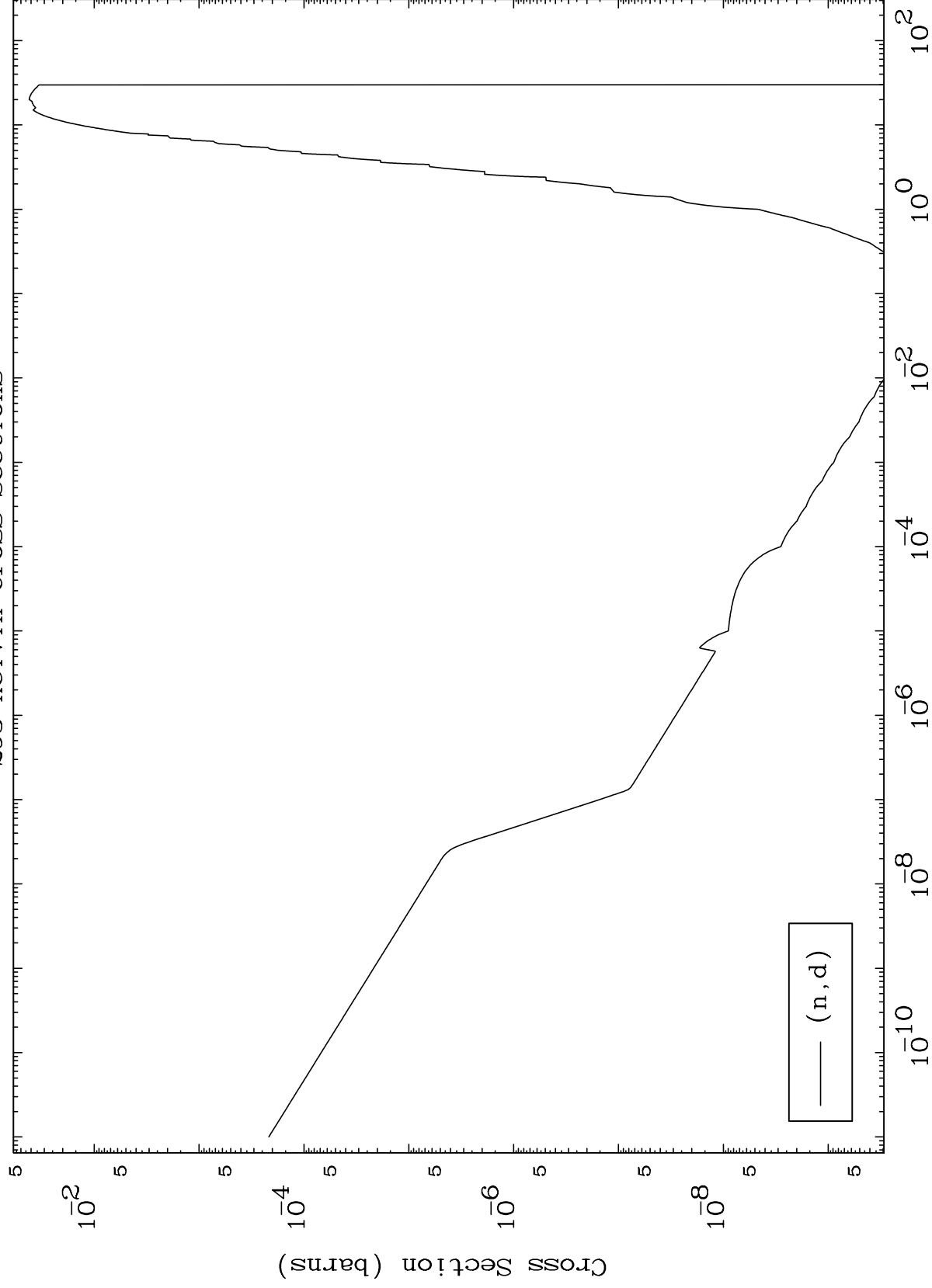
Incident Energy (MeV)

61-Pm-127

MAT 6089

293 Kelvin Cross Sections
(n,d) Levels

61-Pm-127



13

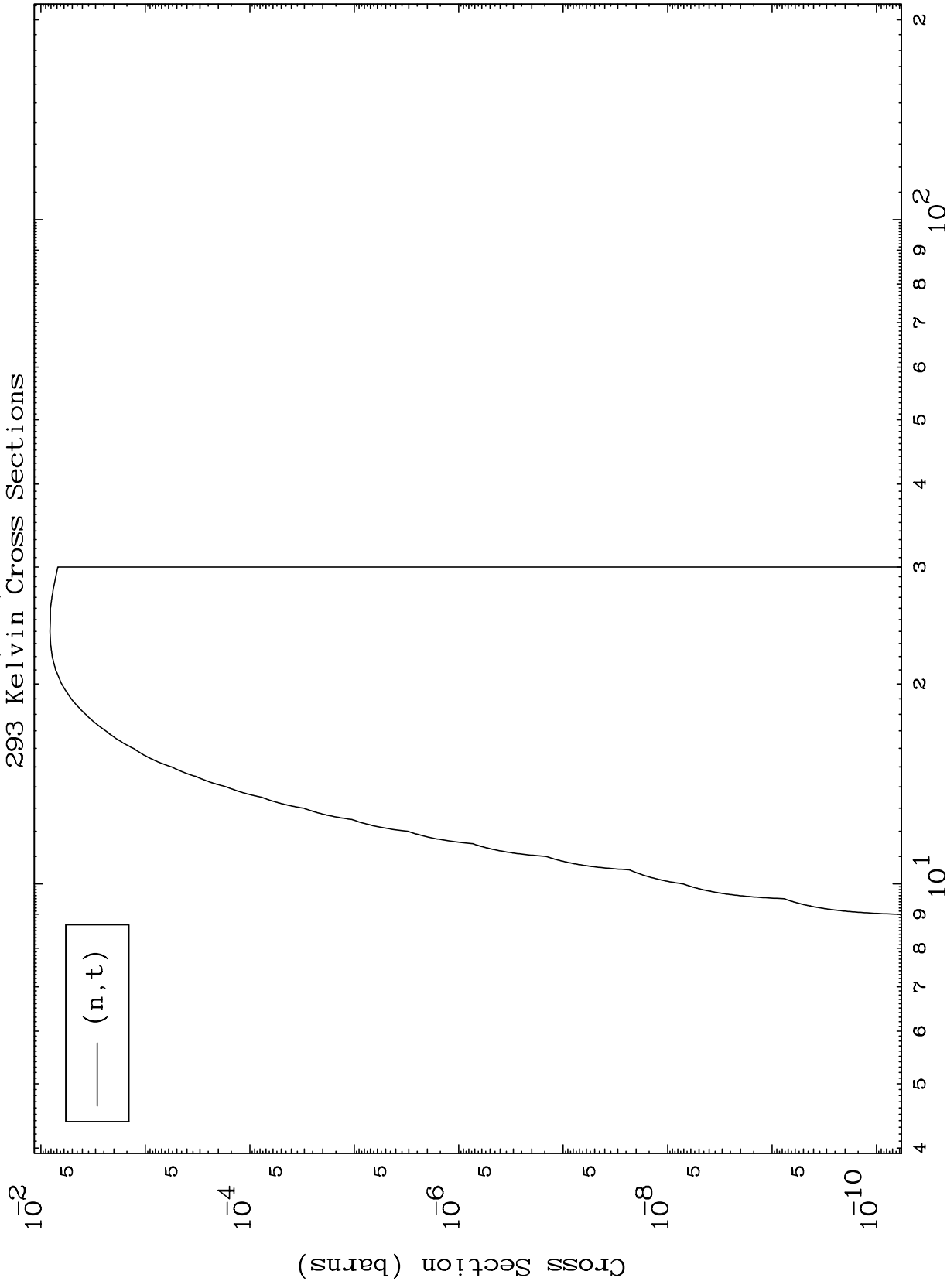
Incident Energy (MeV)

61-Pm-127

MAT 6089

61-Pm-127

(n,t) Levels
293 Kelvin Cross Sections



14

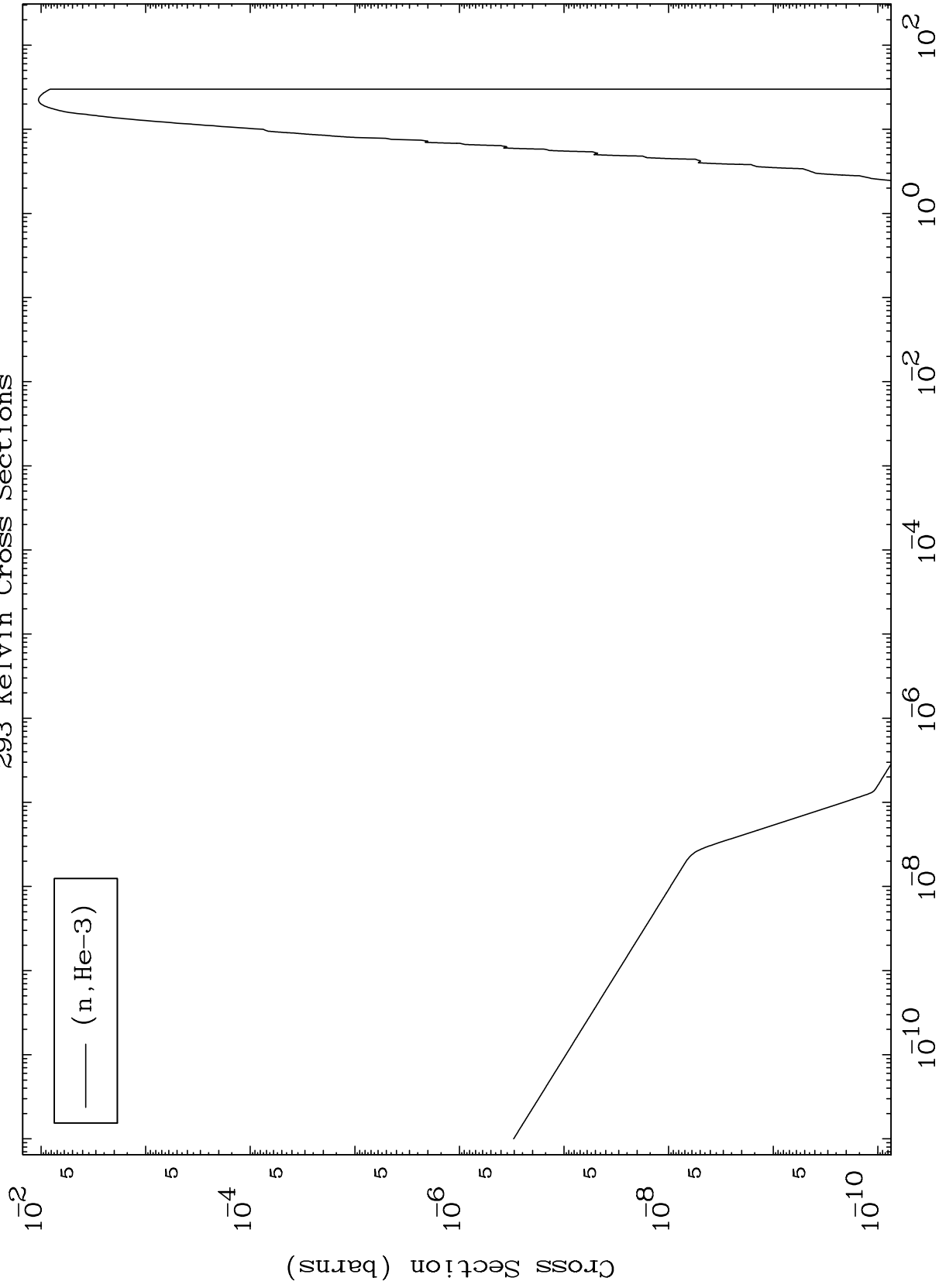
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-127



15

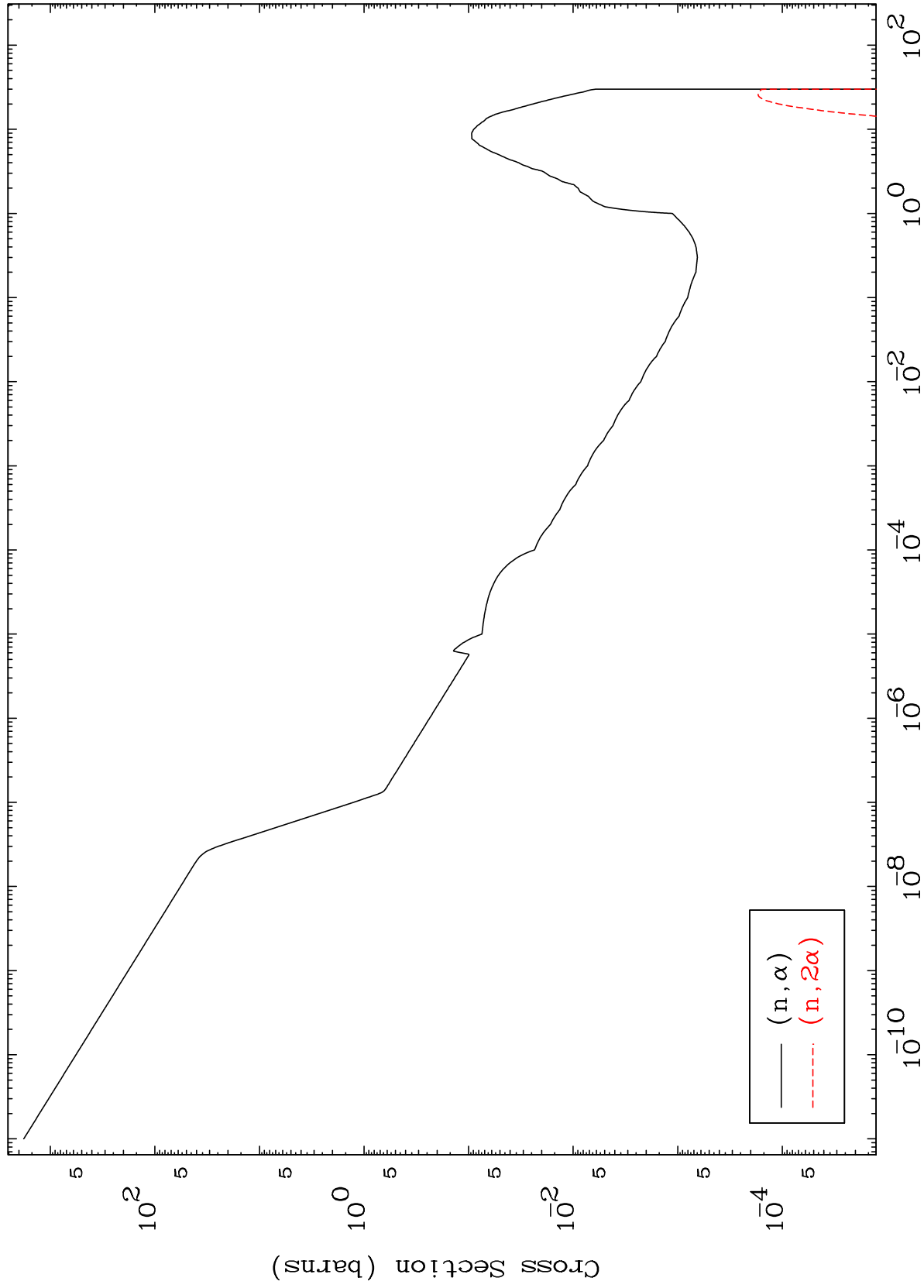
Incident Energy (MeV)

61-Pm-127

MAT 6089

(n, α) Levels
293 Kelvin Cross Sections

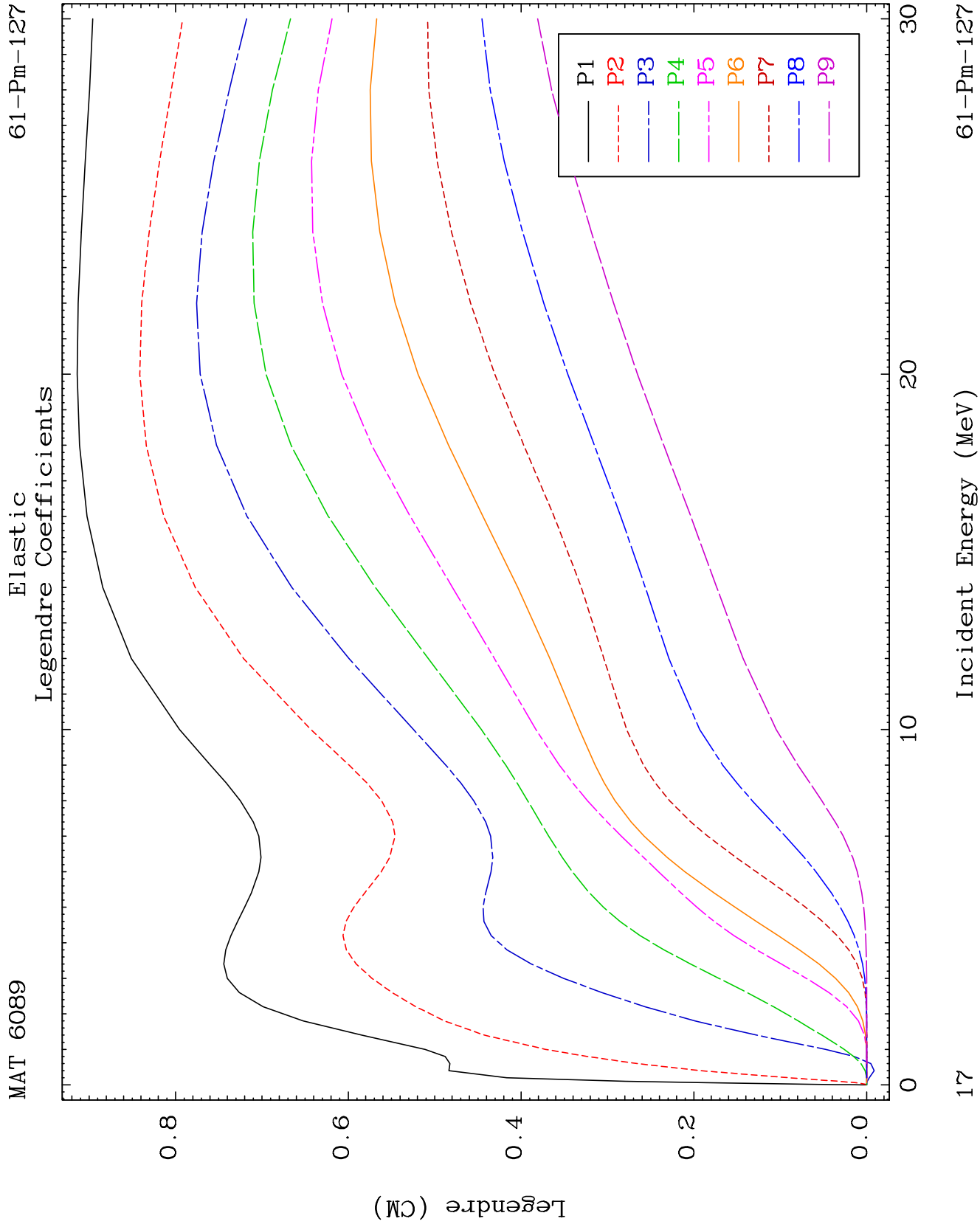
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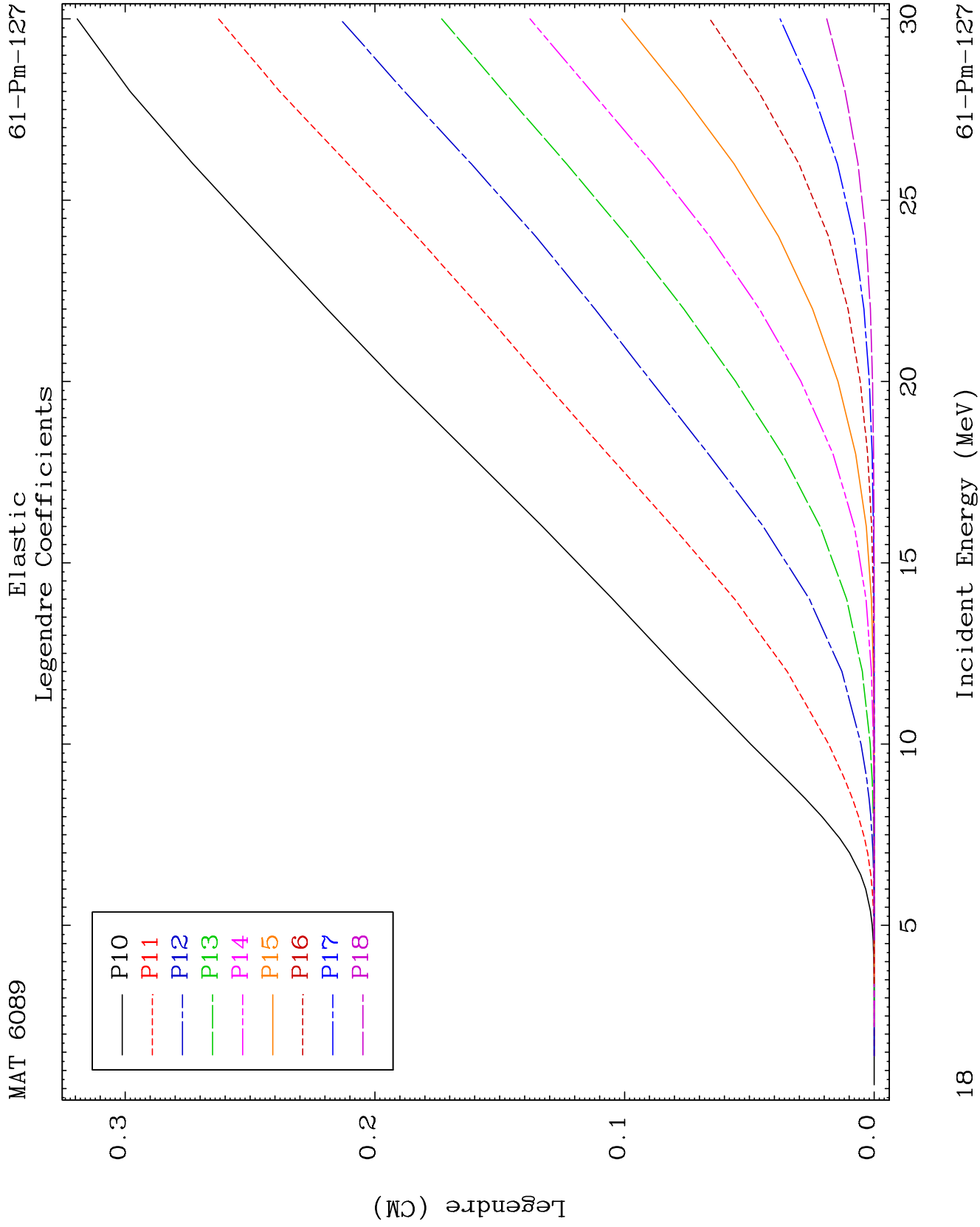


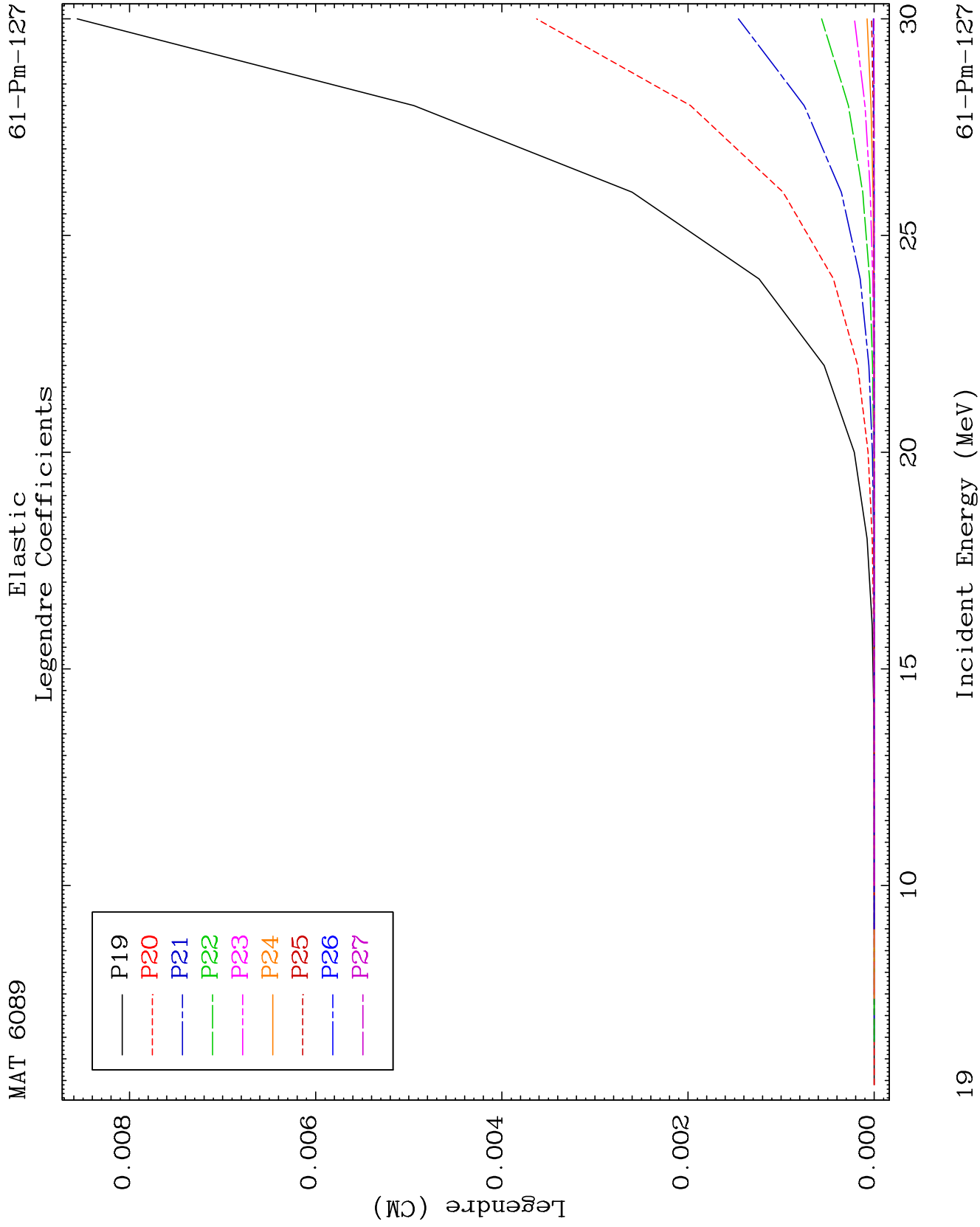
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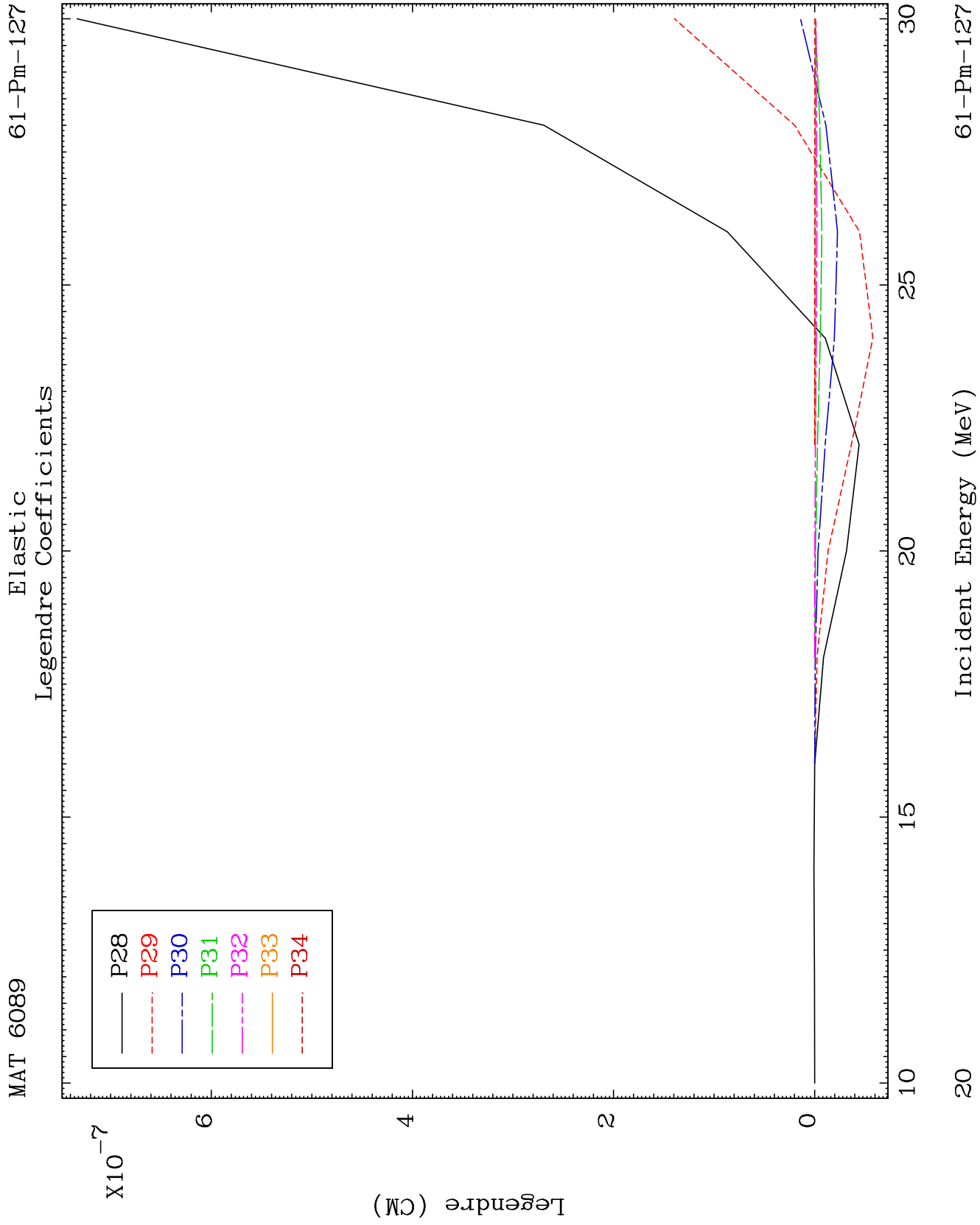
Incident Energy (MeV)

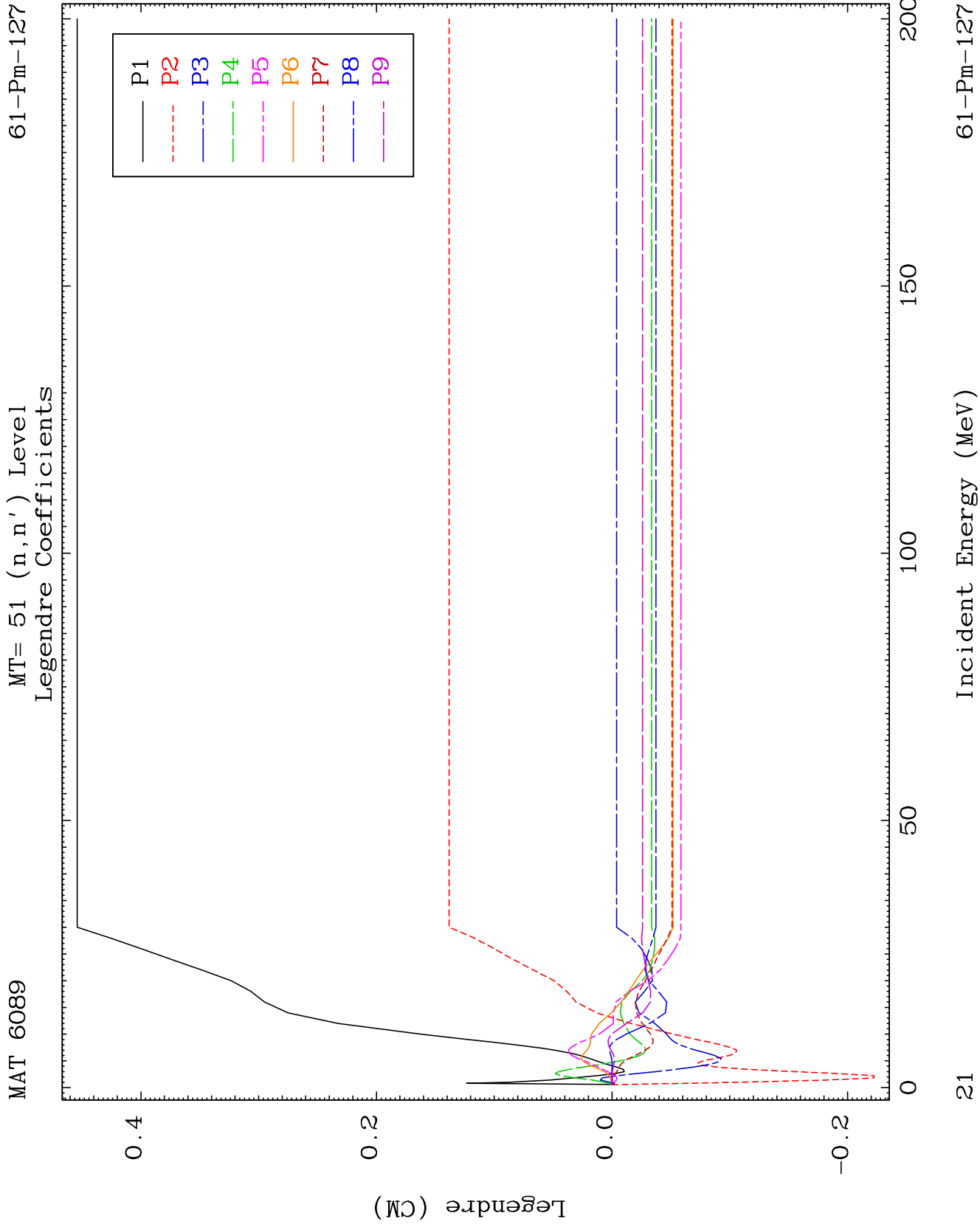
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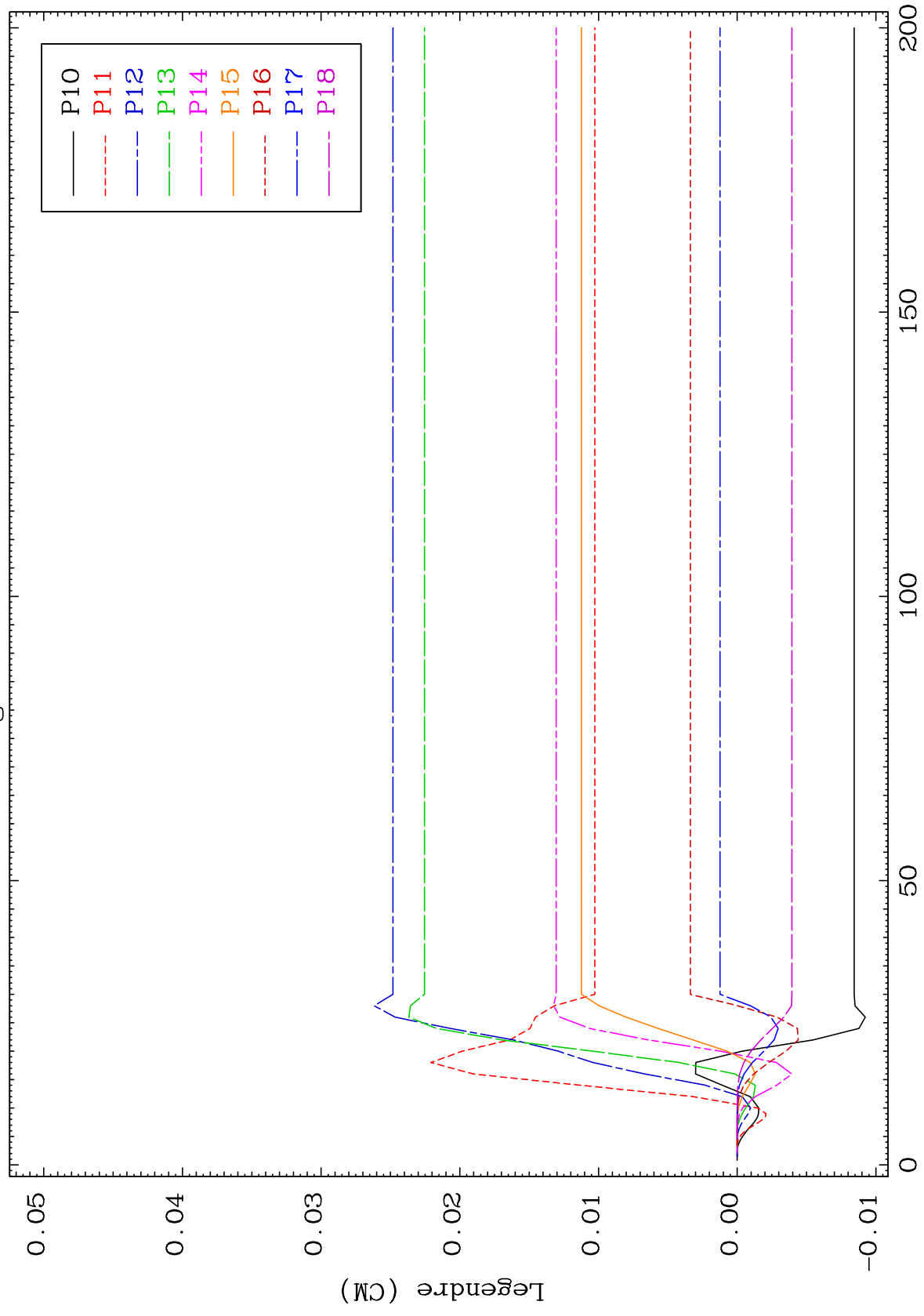




MAT 6089

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

61-Pm-127



22

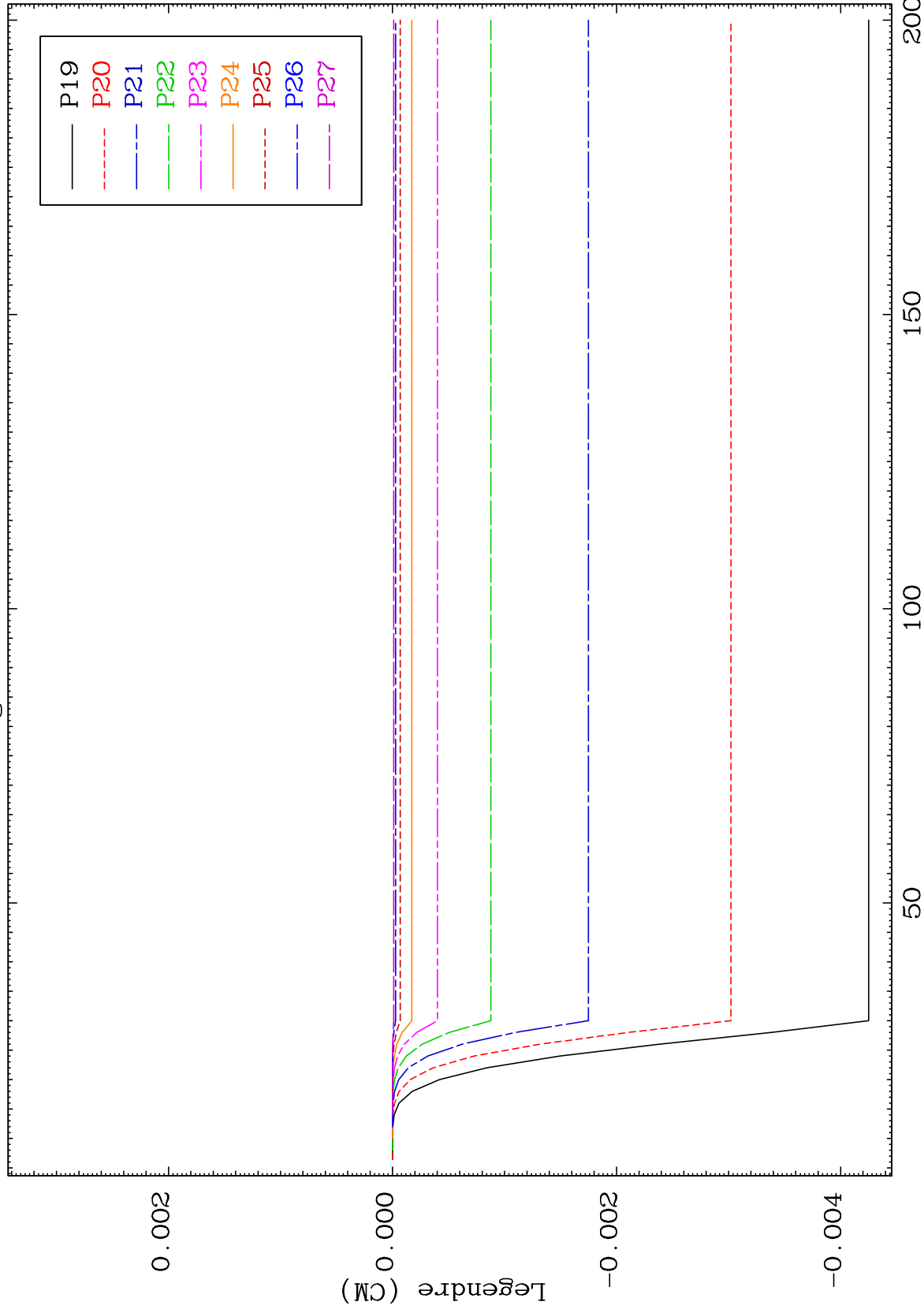
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

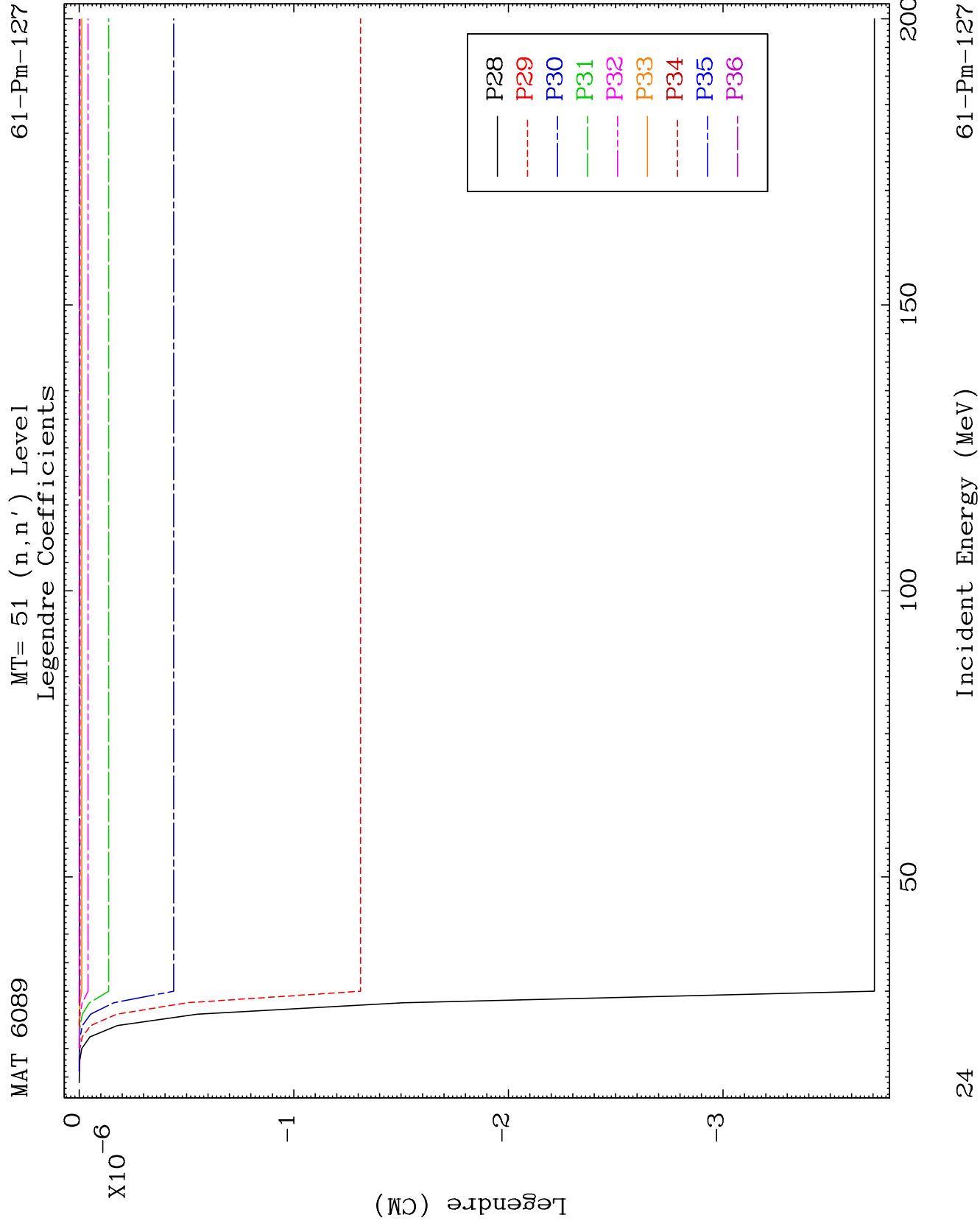
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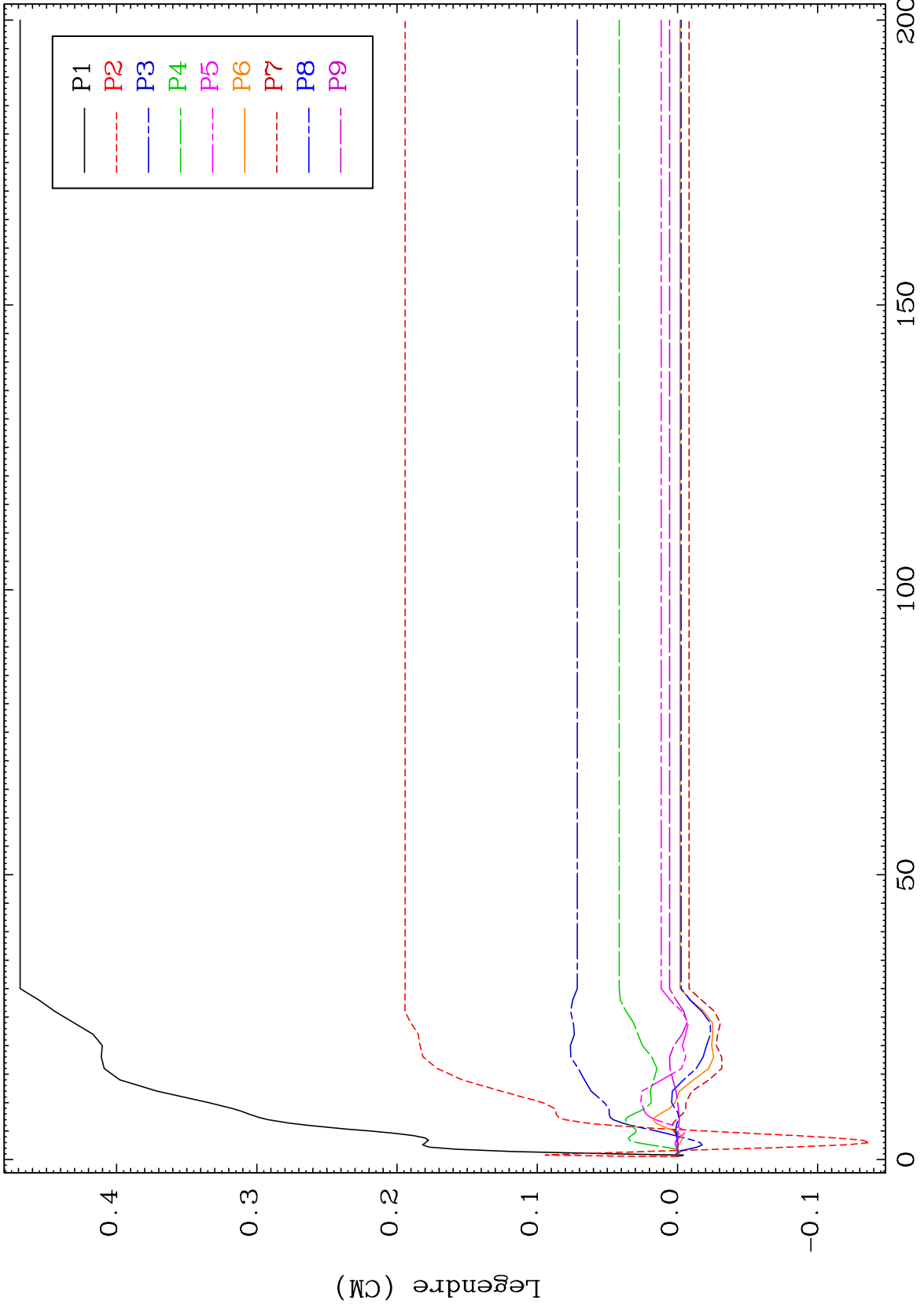
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Incident Energy (MeV)

61-Pm-127



MAT 6089 MT= 52 (n,n') Level 61-Pm-127
Legendre Coefficients

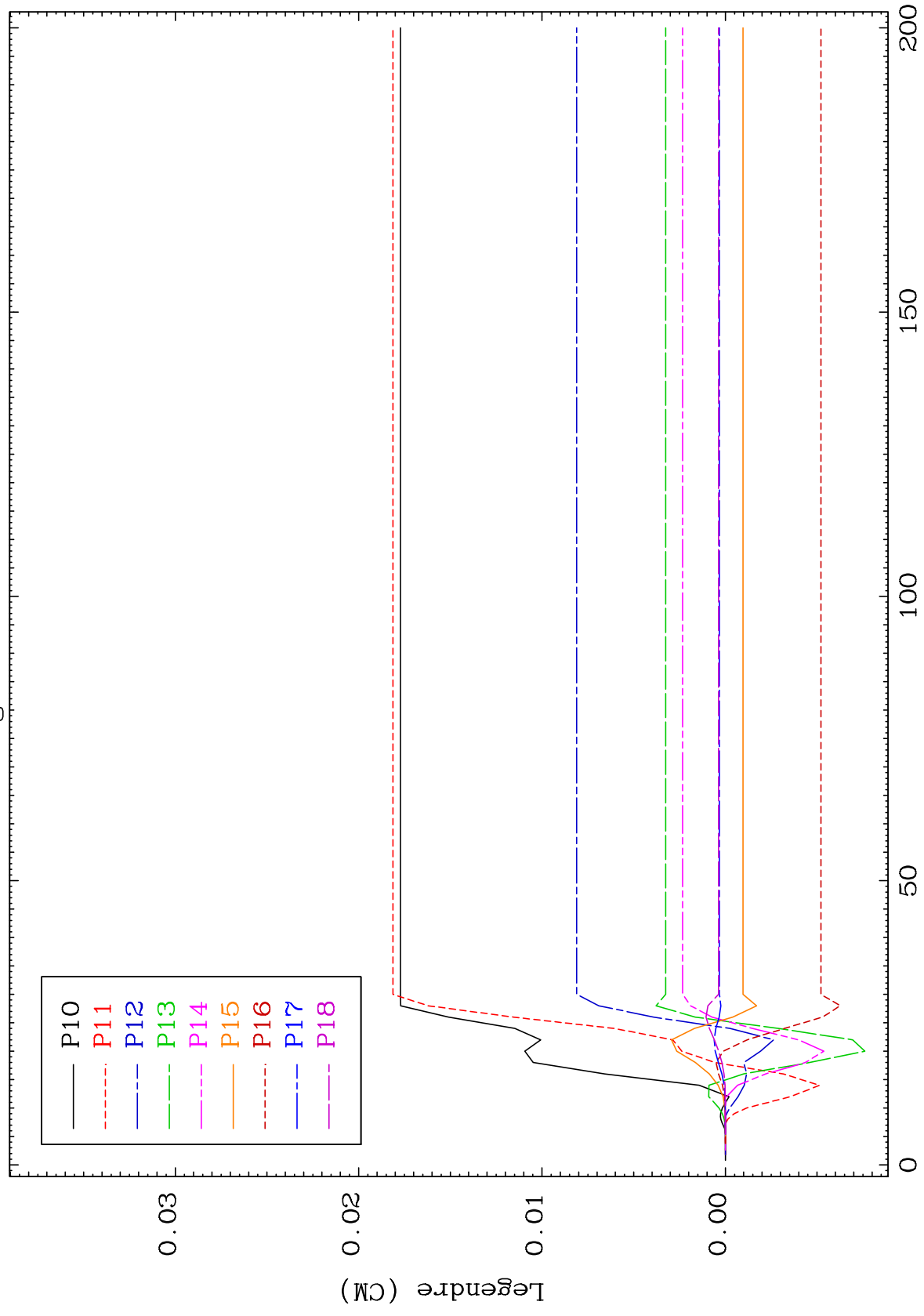


25 50 100 150 200 61-Pm-127

MAT 6089

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

61-Pm-127



26

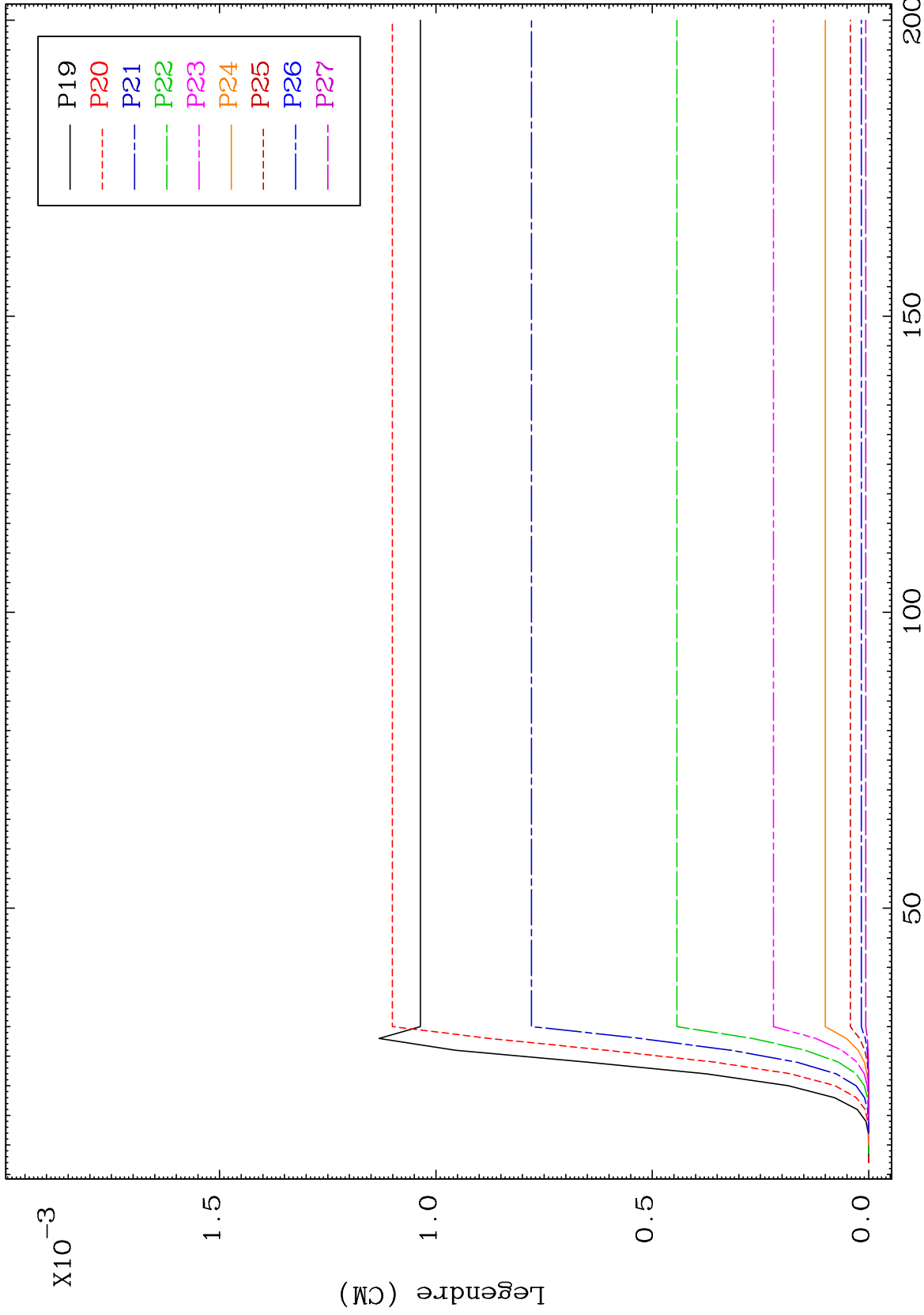
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

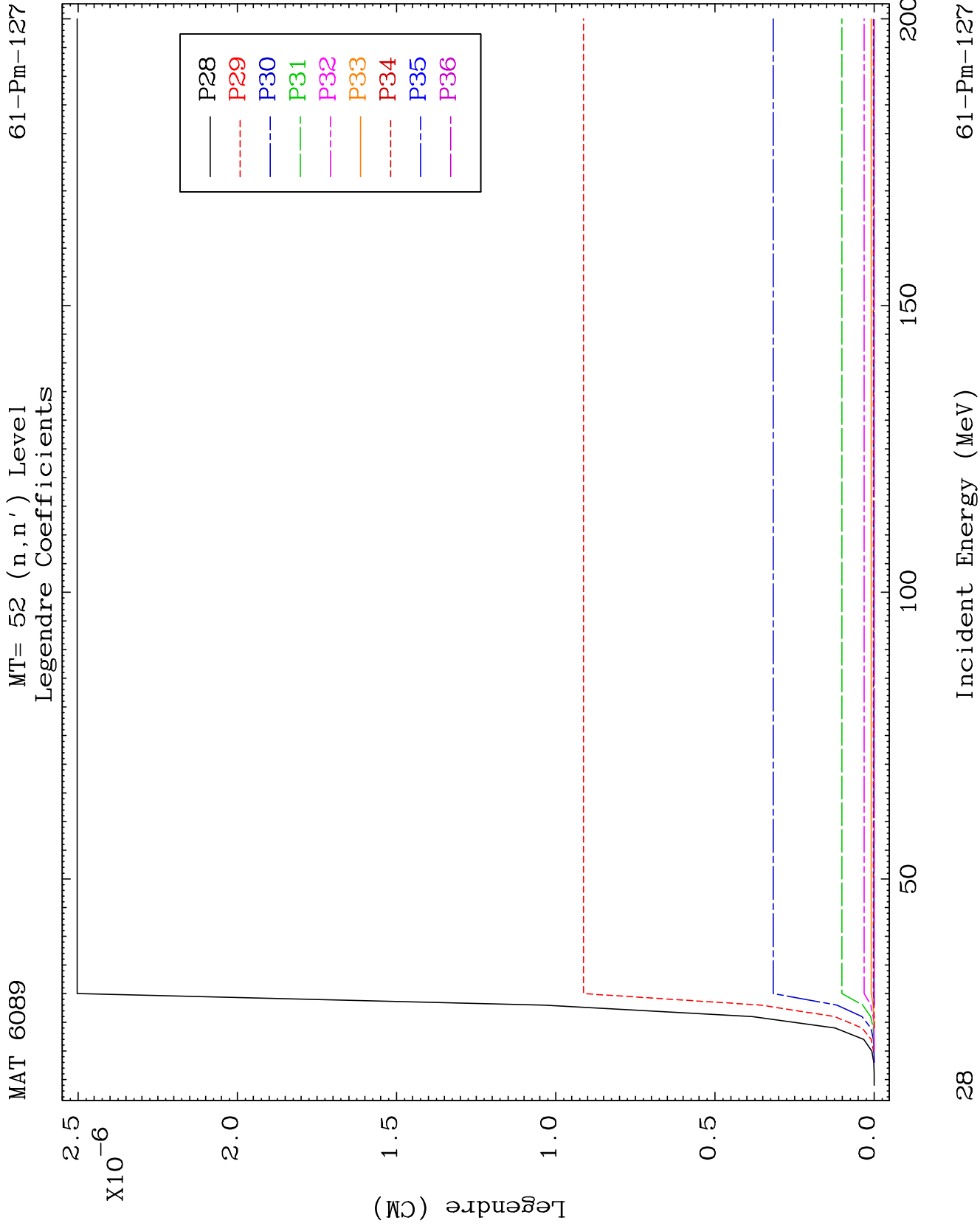
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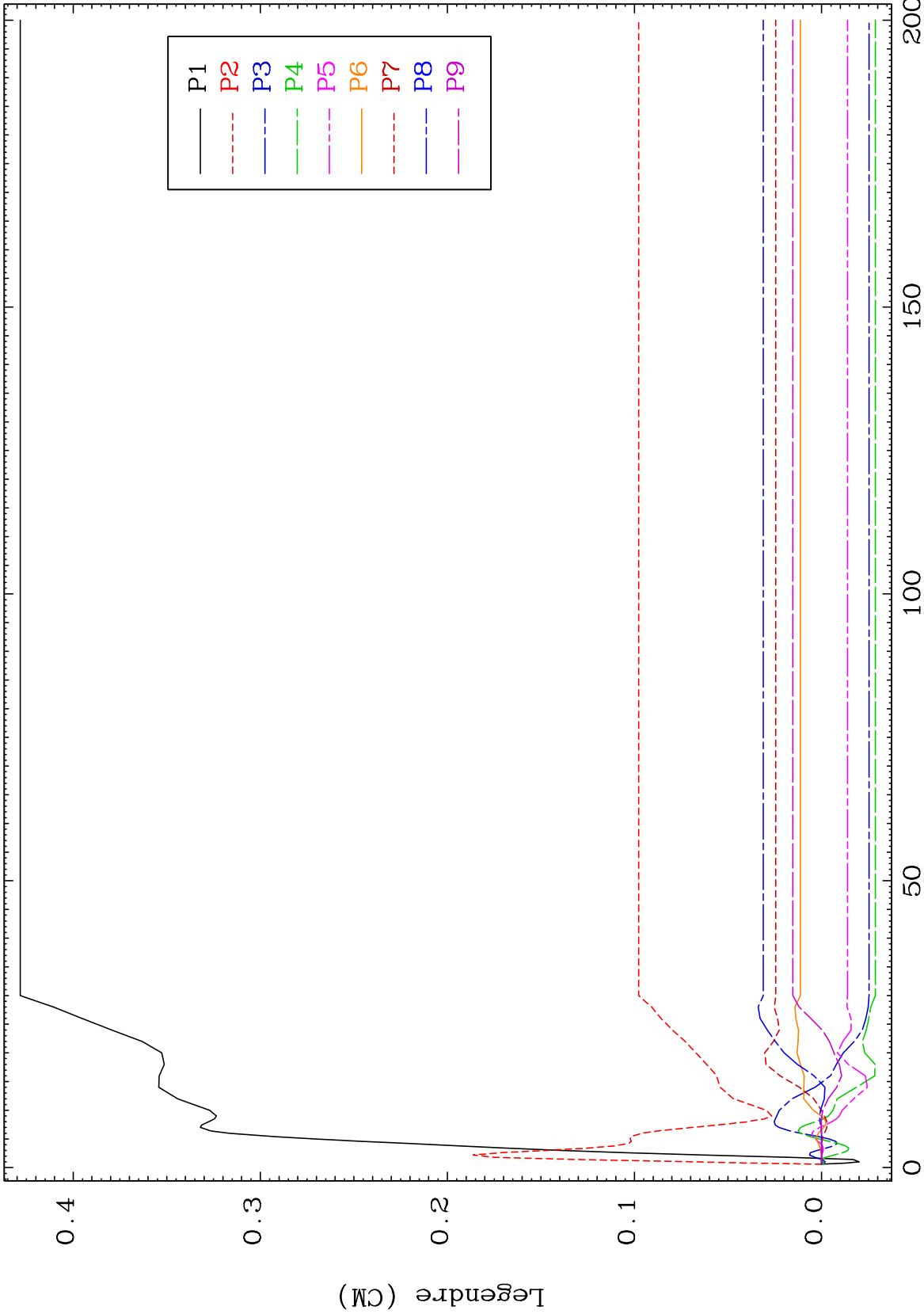


27

Incident Energy (MeV)

61-Pm-127

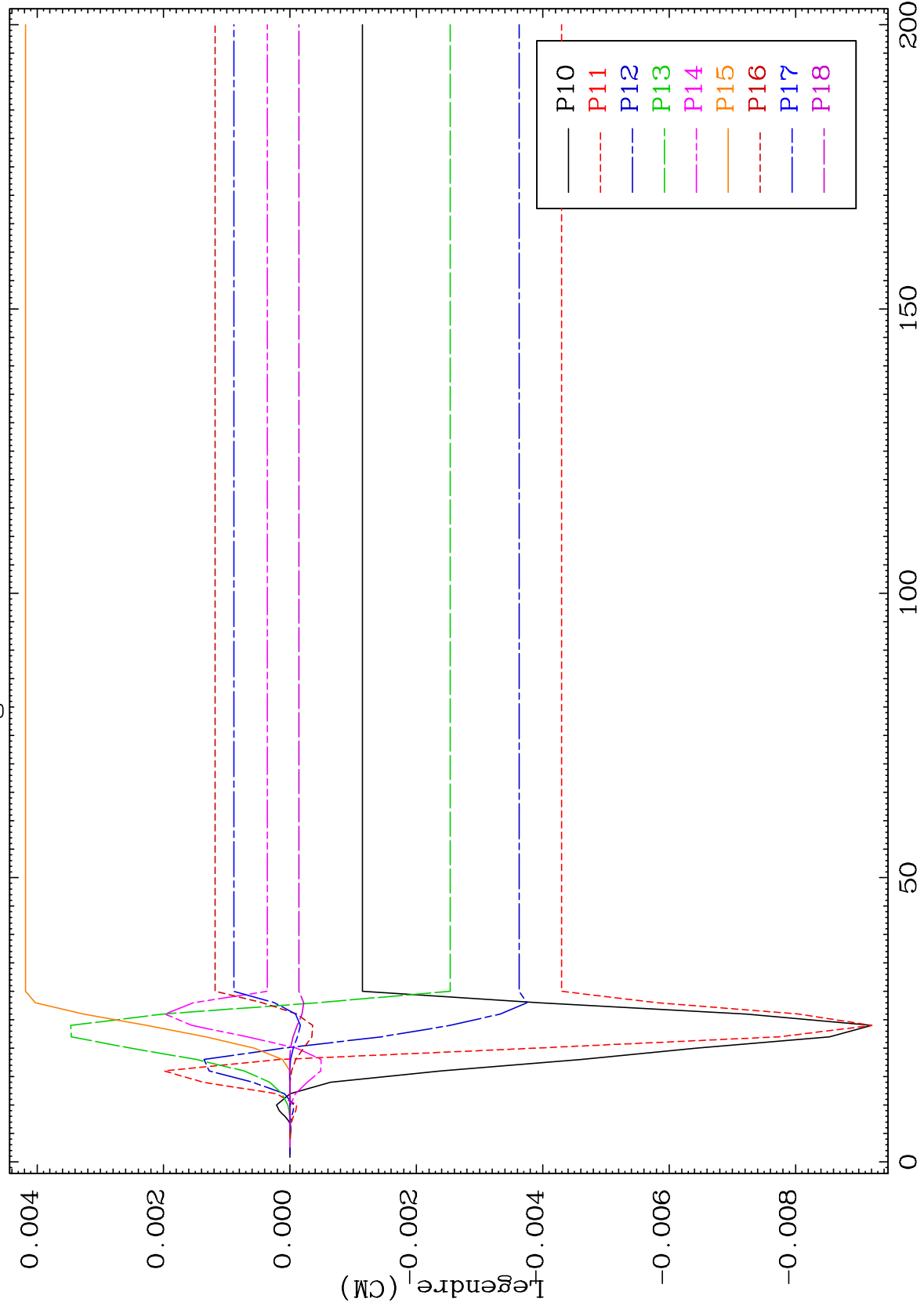




MAT 6089

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

61-Pm-127

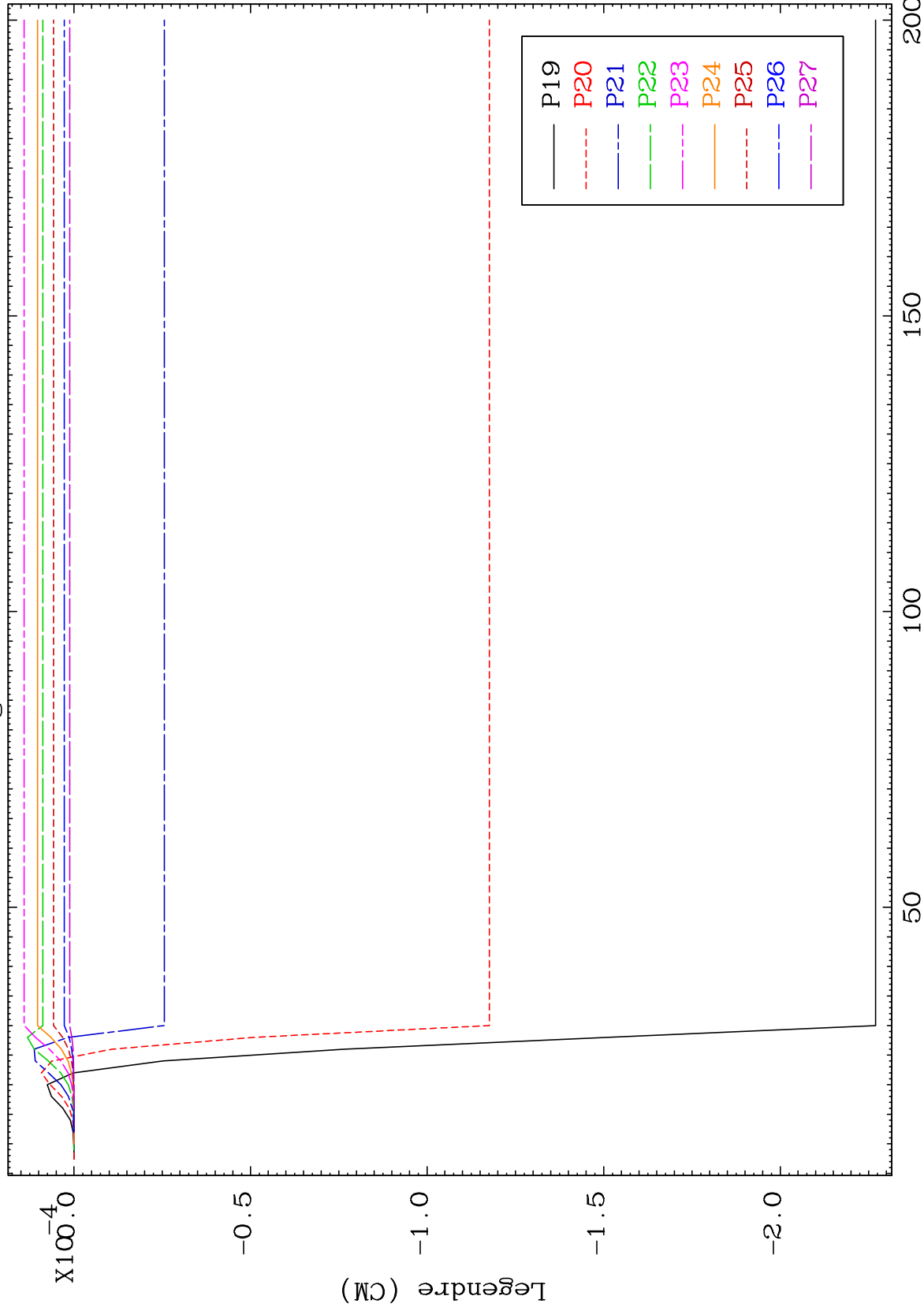


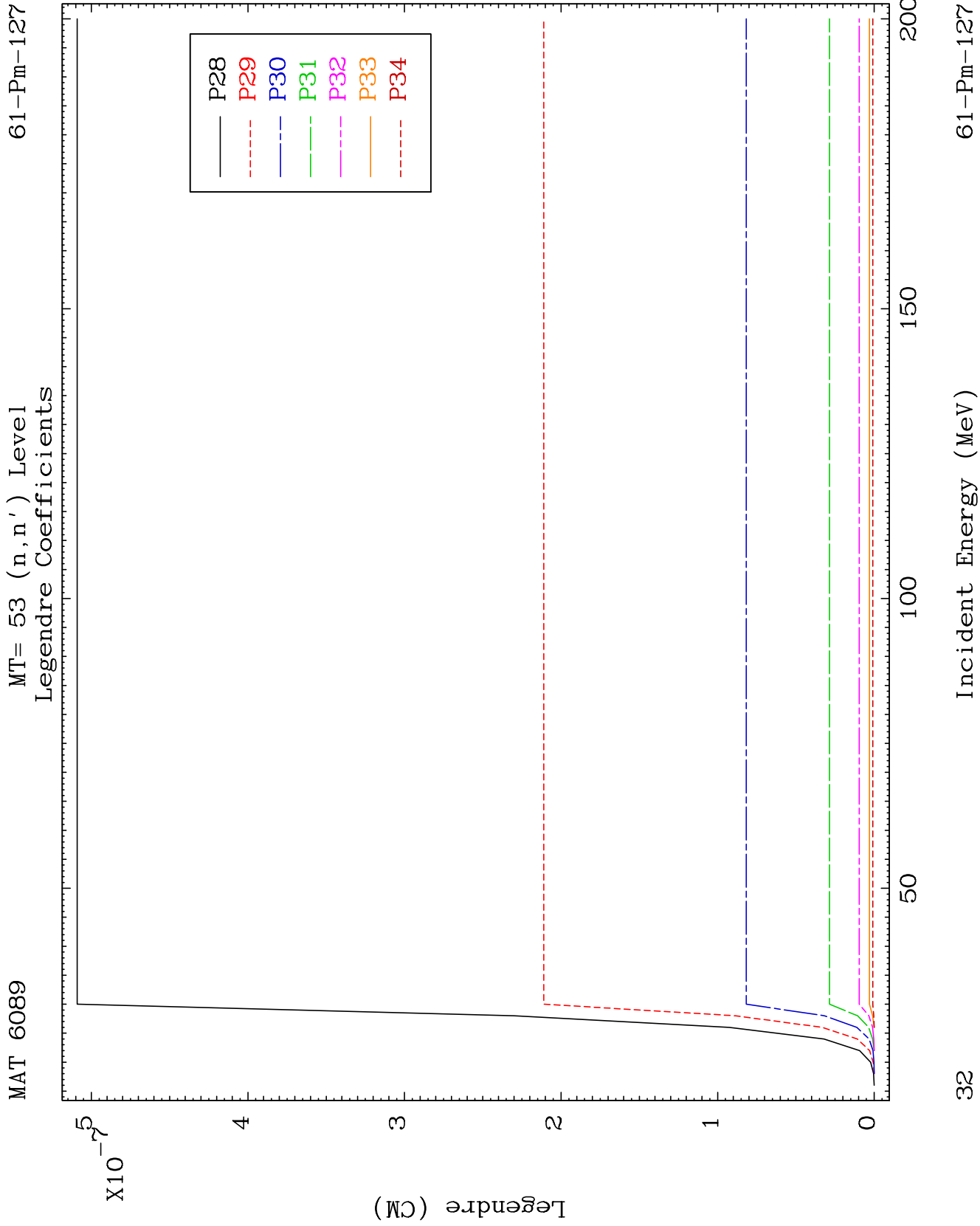
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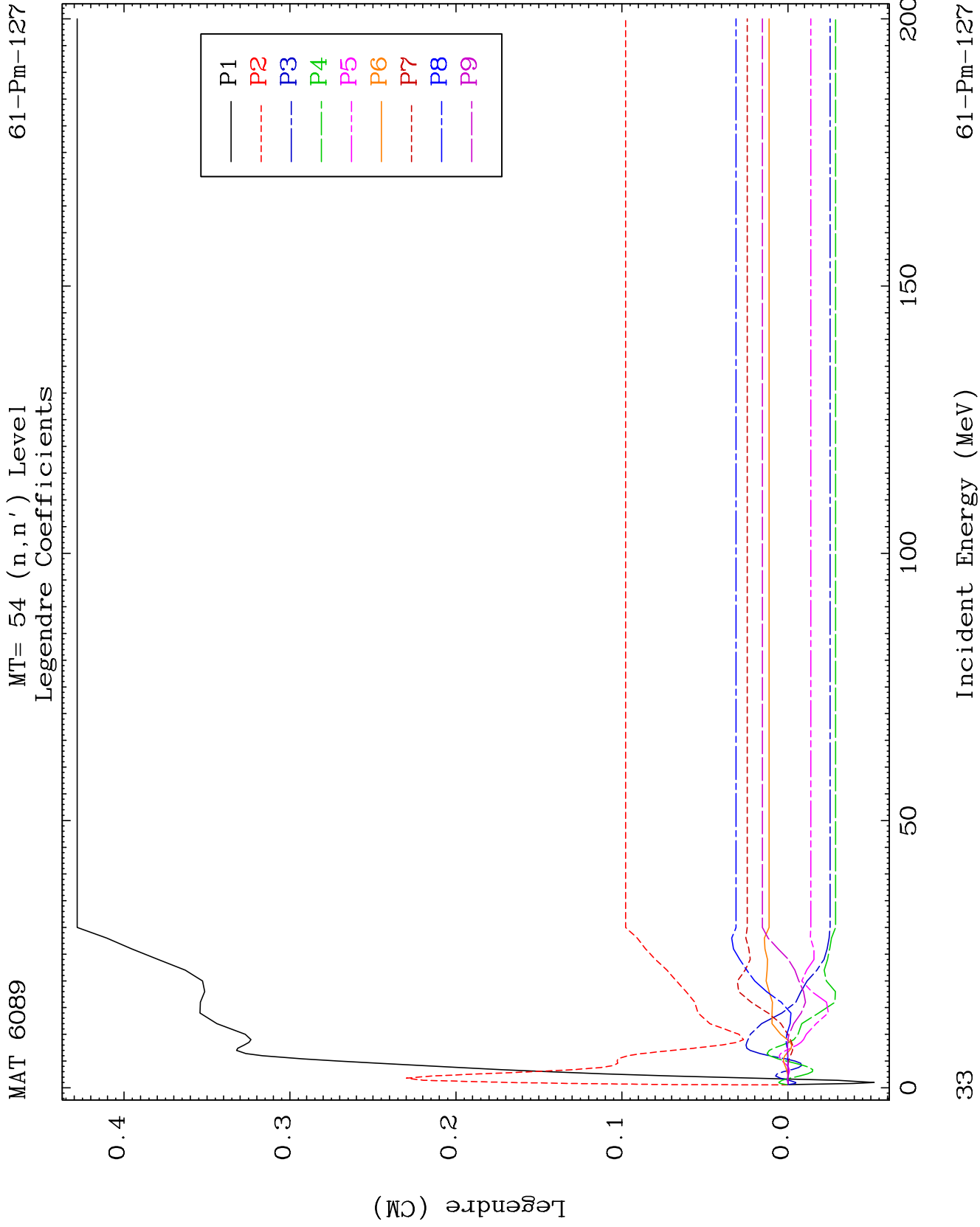
Incident Energy (MeV)

61-Pm-127

200



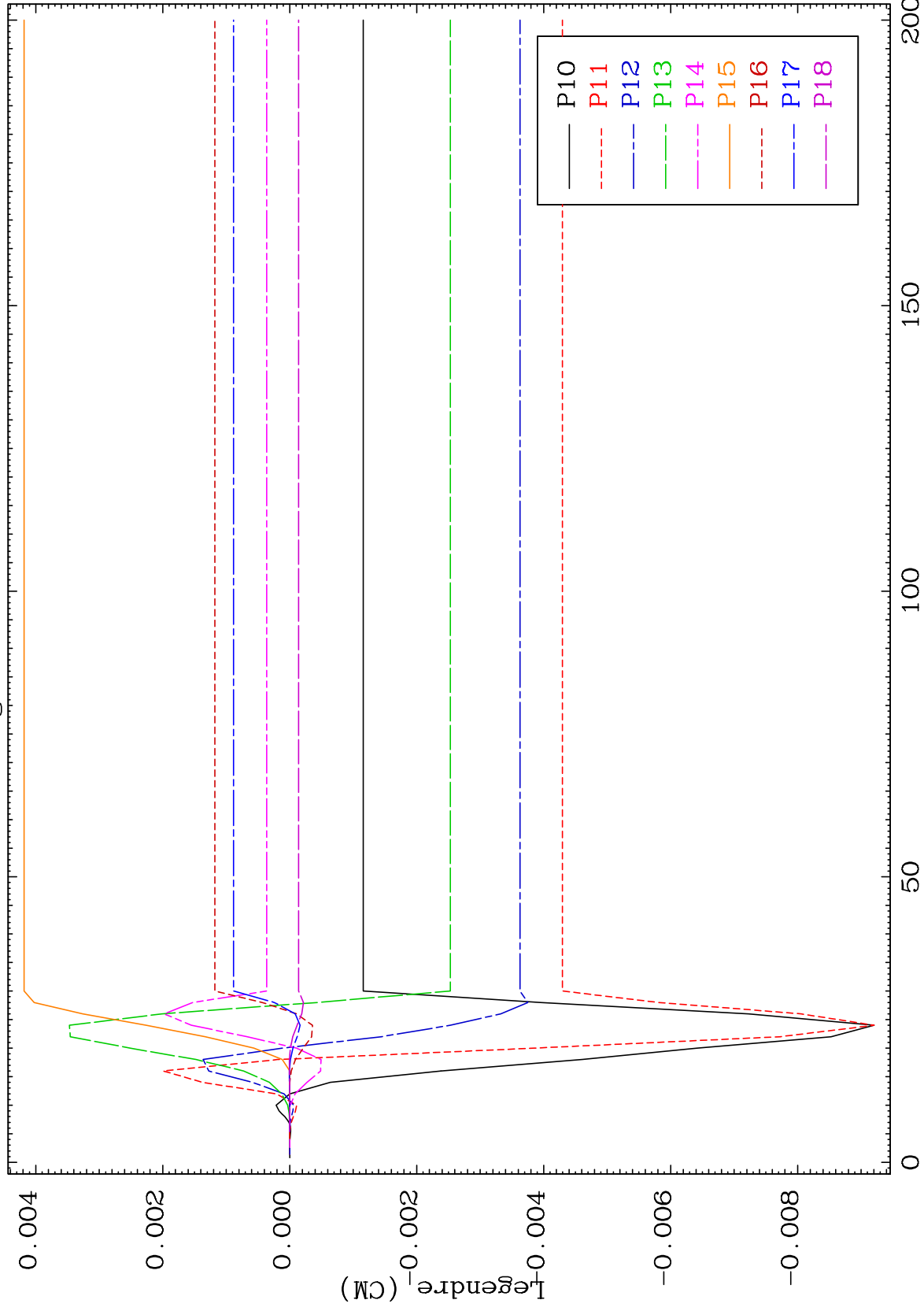




MAT 6089 MT= 54 (n,n') Level Legendre Coefficients

61-Pm-127

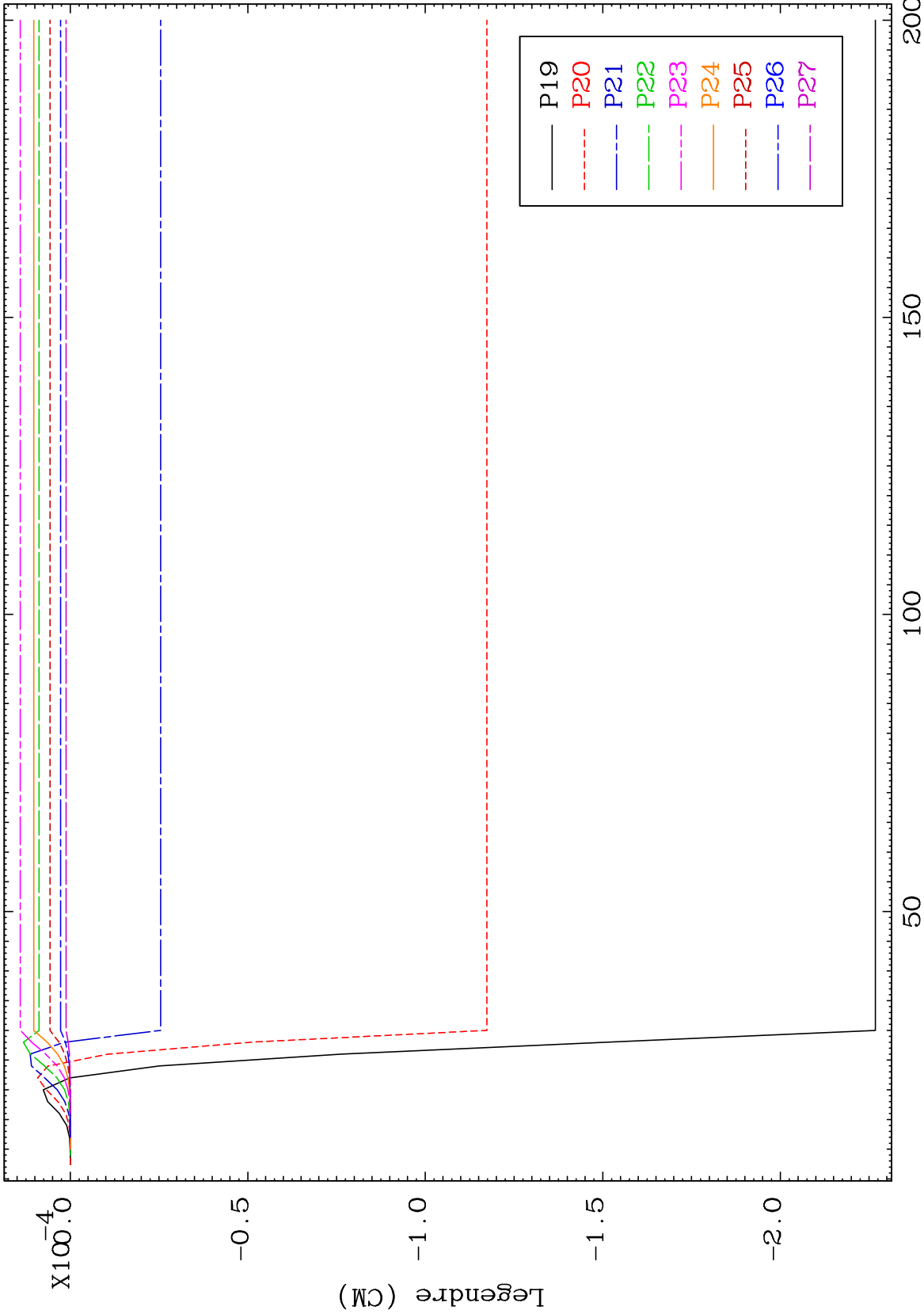
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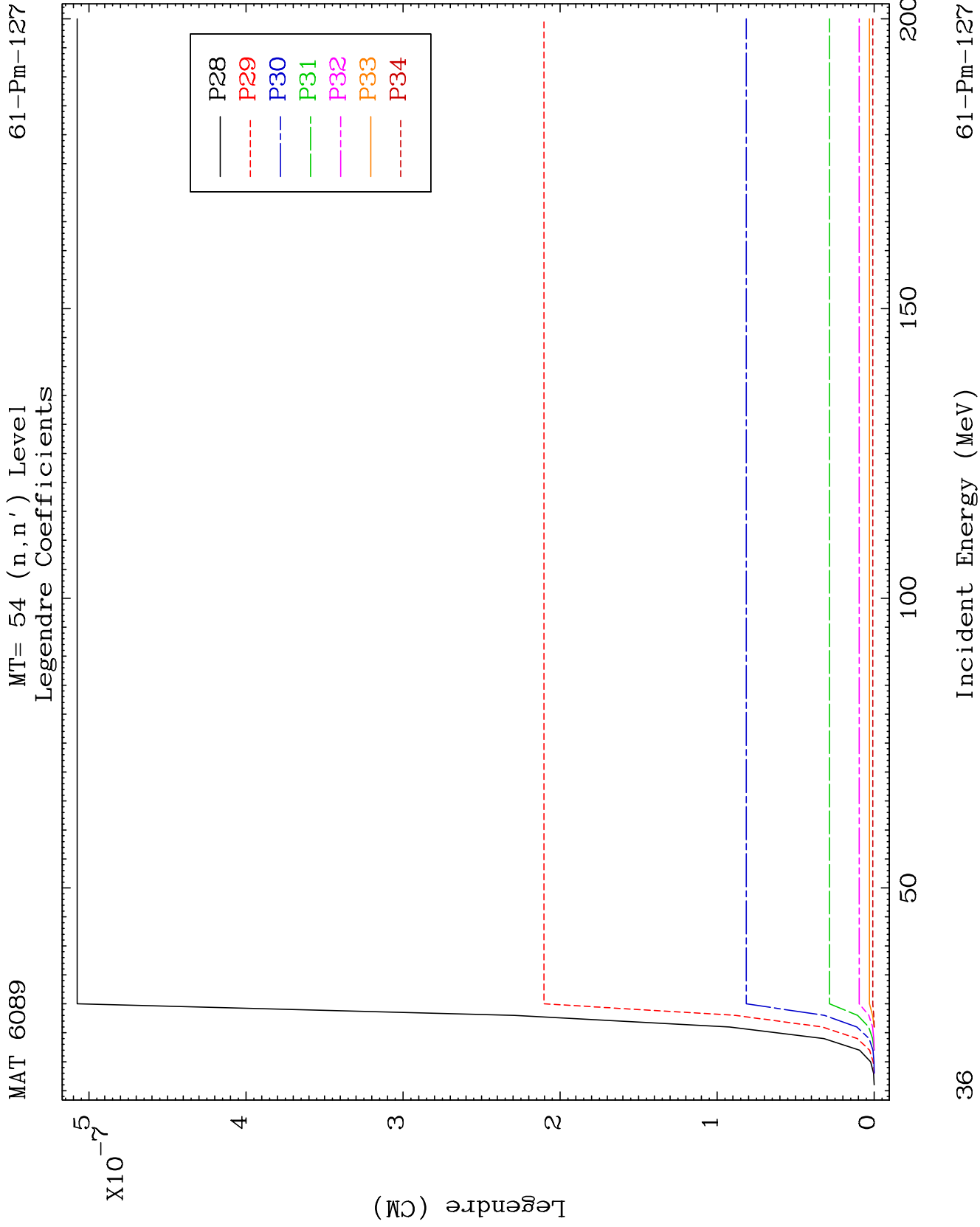


34

Incident Energy (MeV)

61-Pm-127

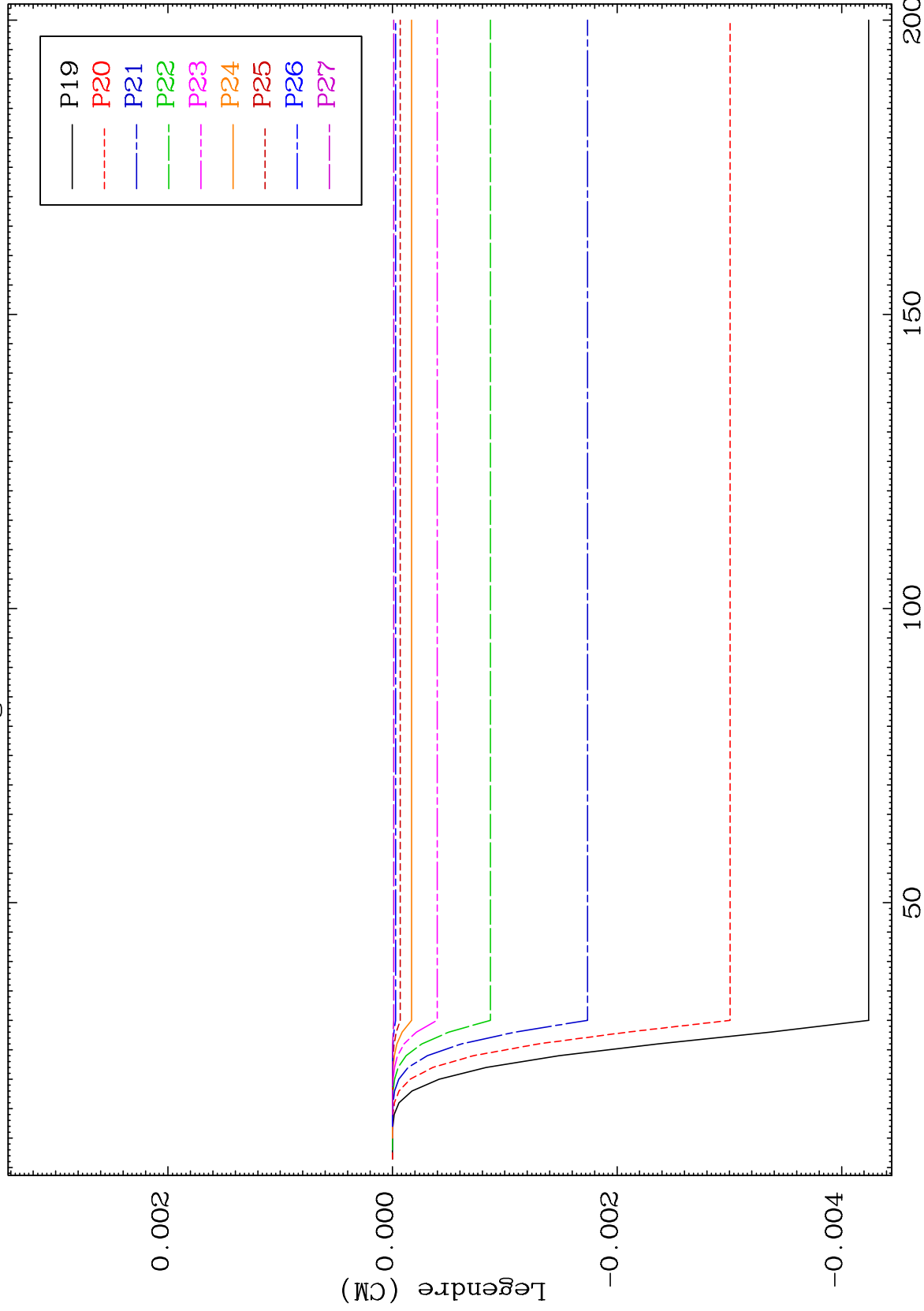




MAT 6089

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

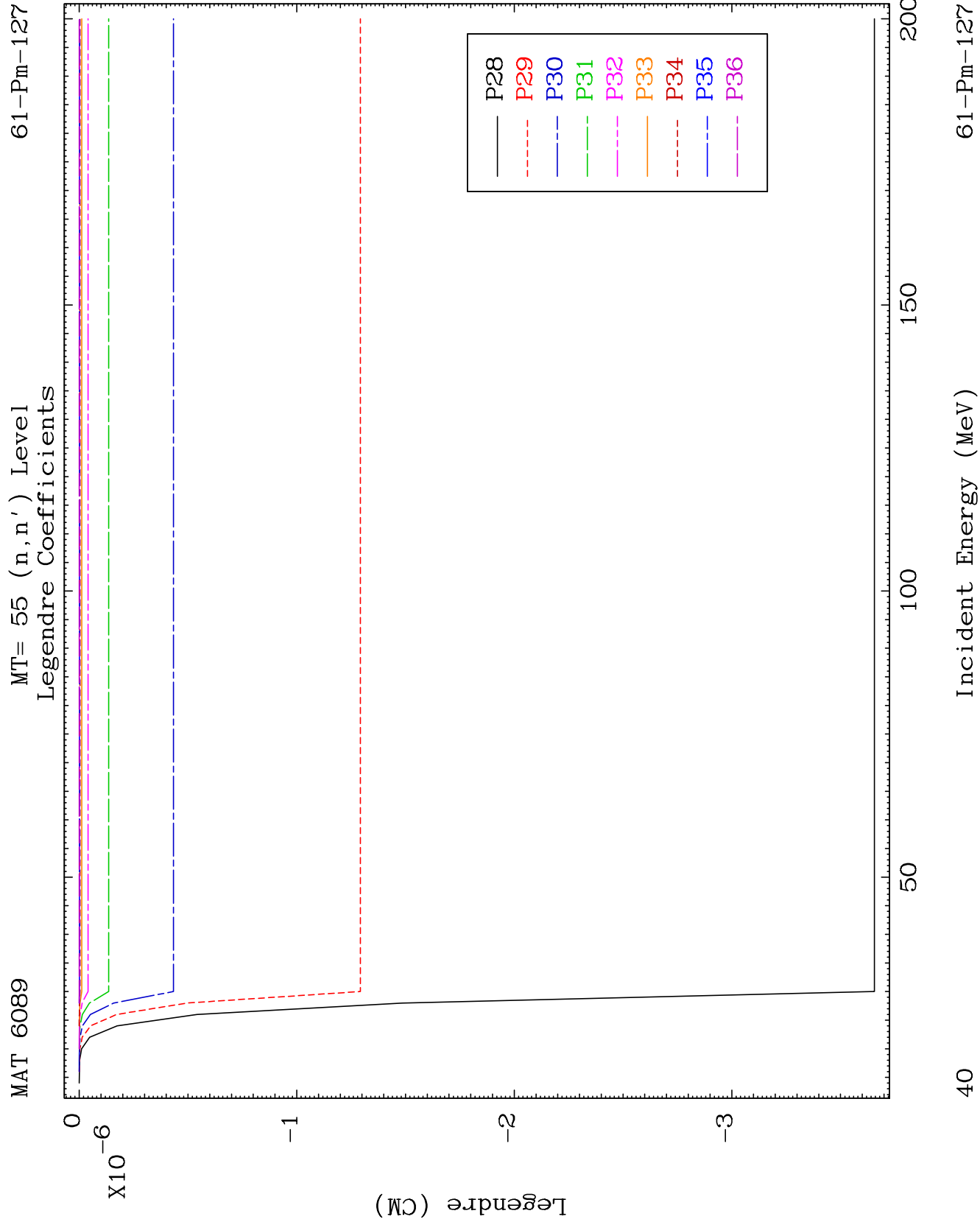
61-Pm-127



39

Incident Energy (MeV)

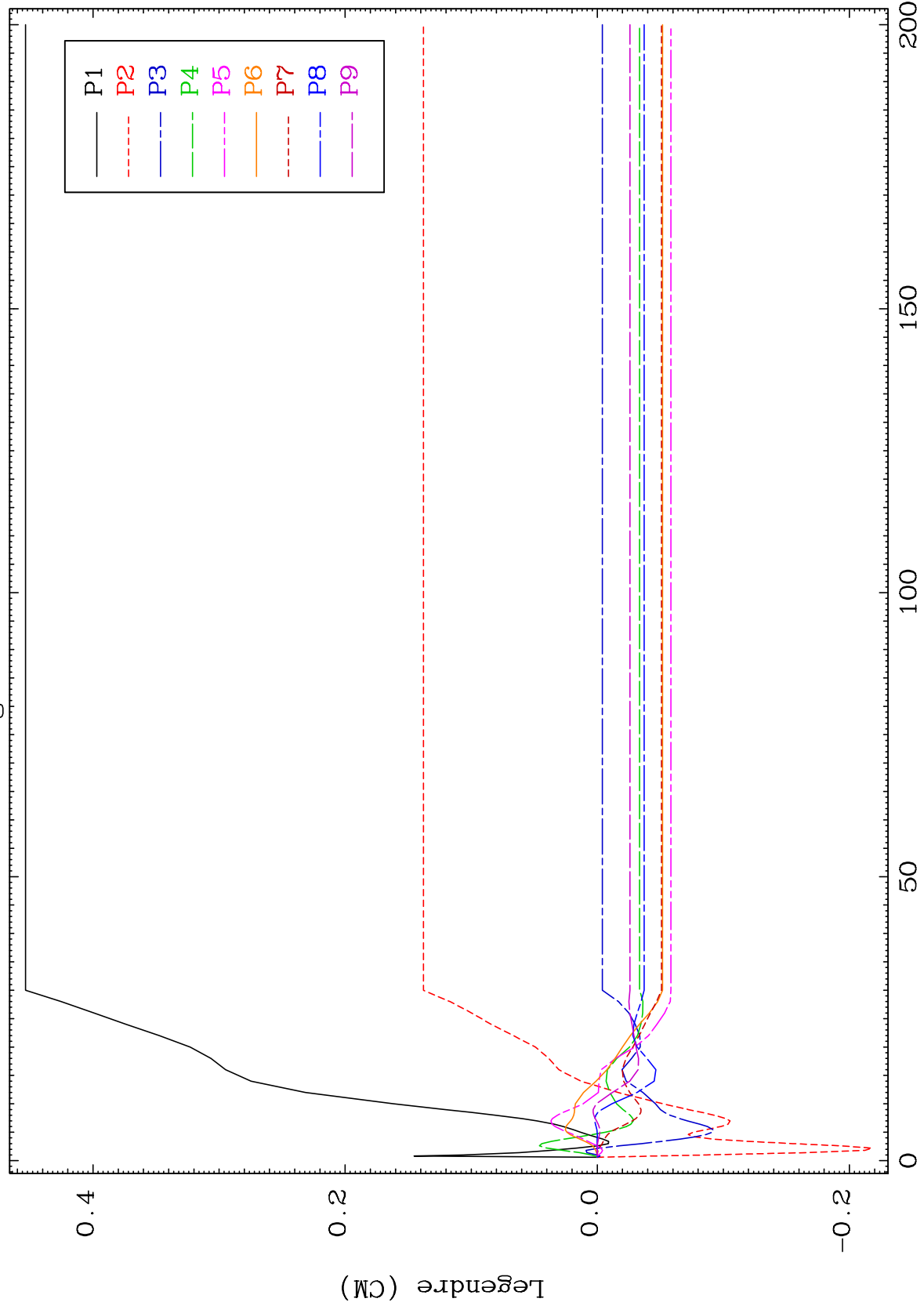
61-Pm-127



MAT 6089

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

61-Pm-127



41

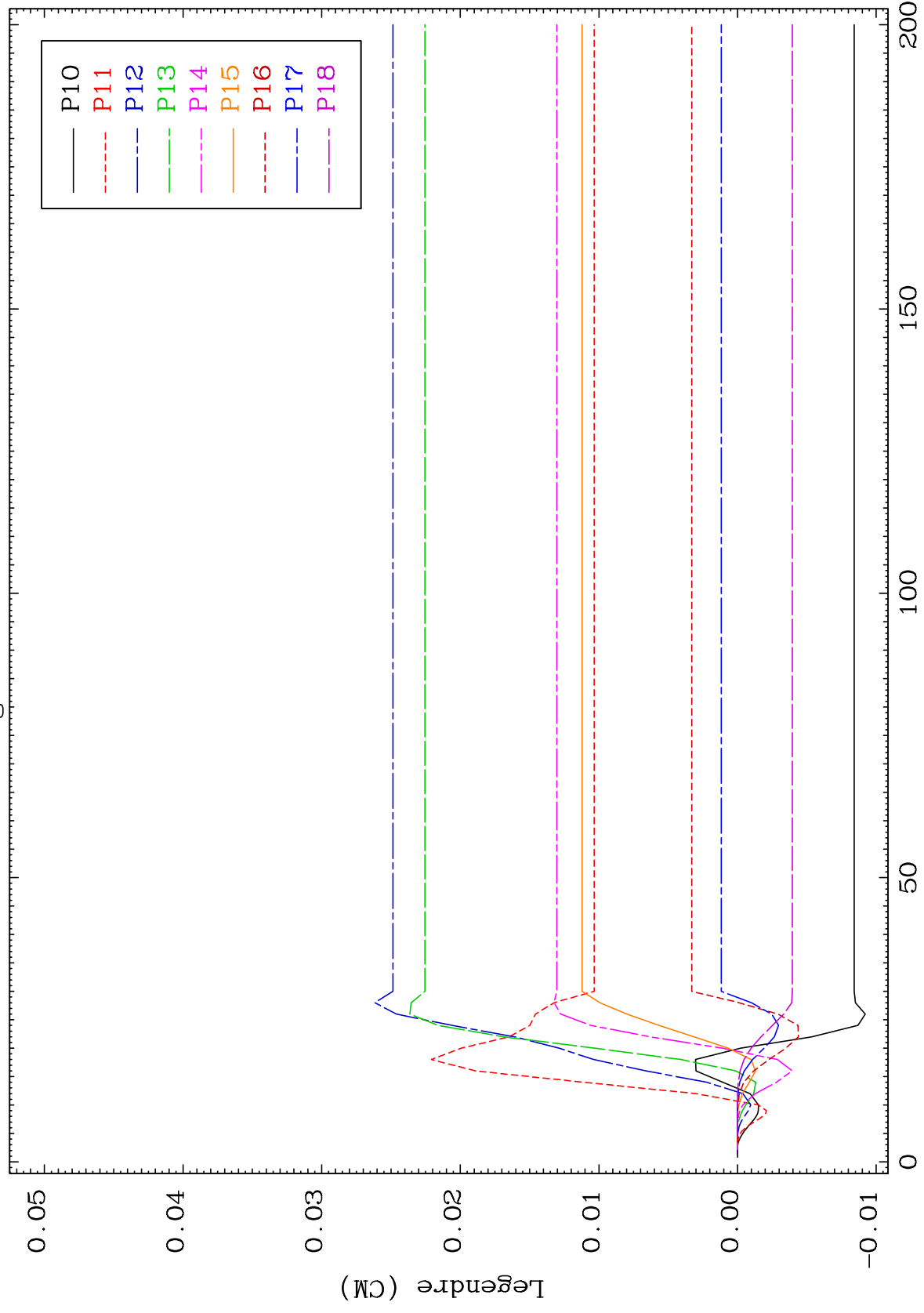
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



42

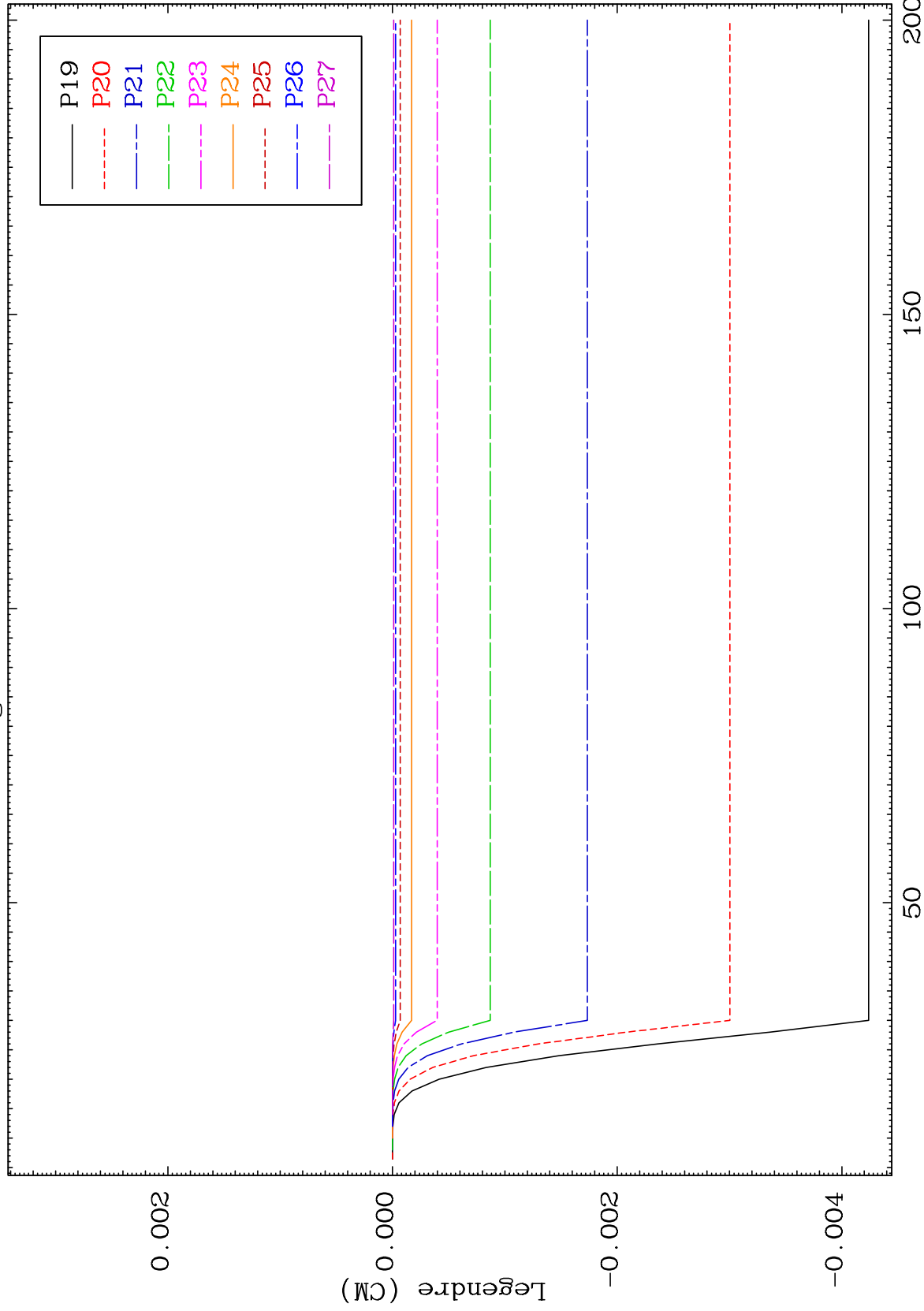
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

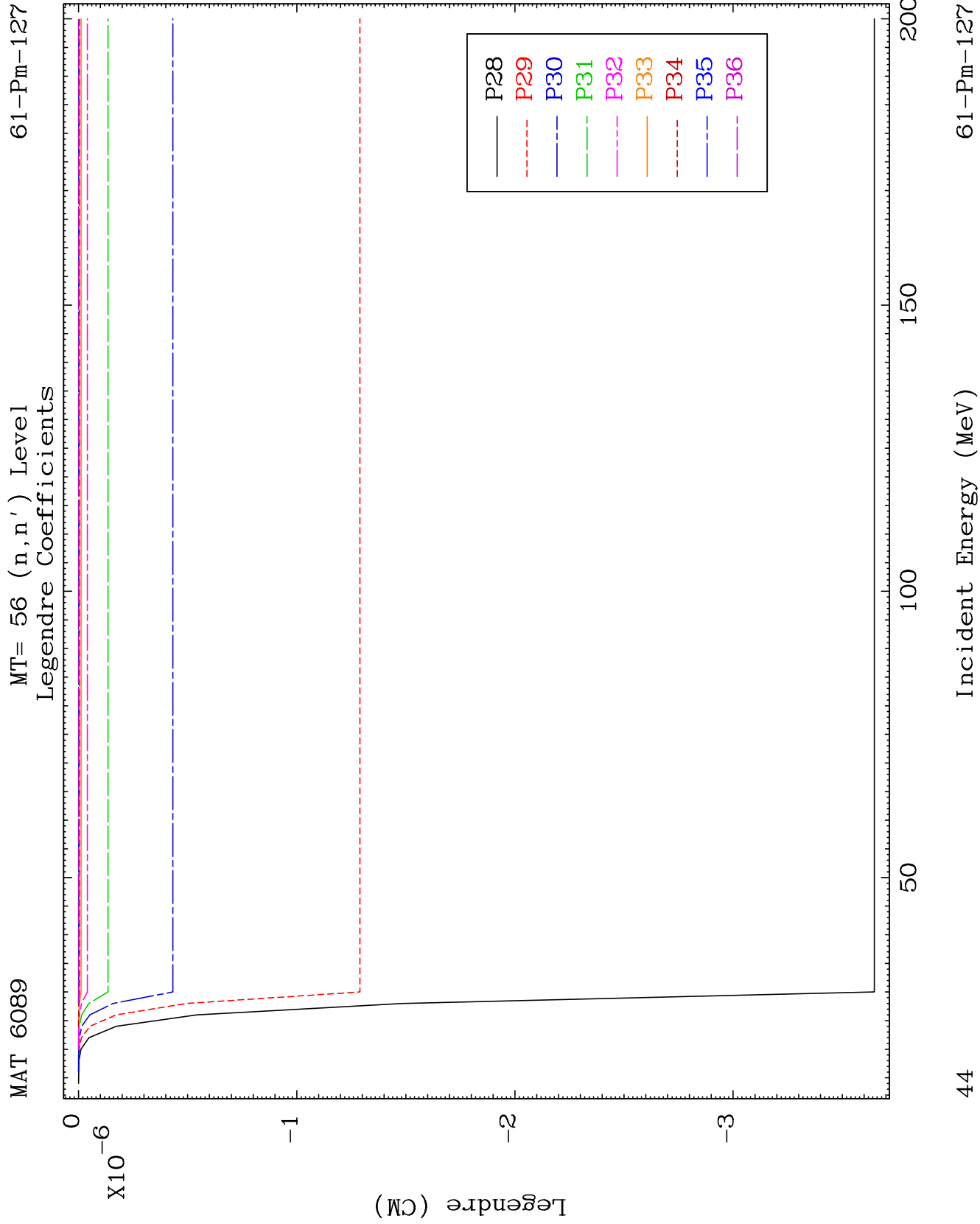
61-Pm-127



43

Incident Energy (MeV)

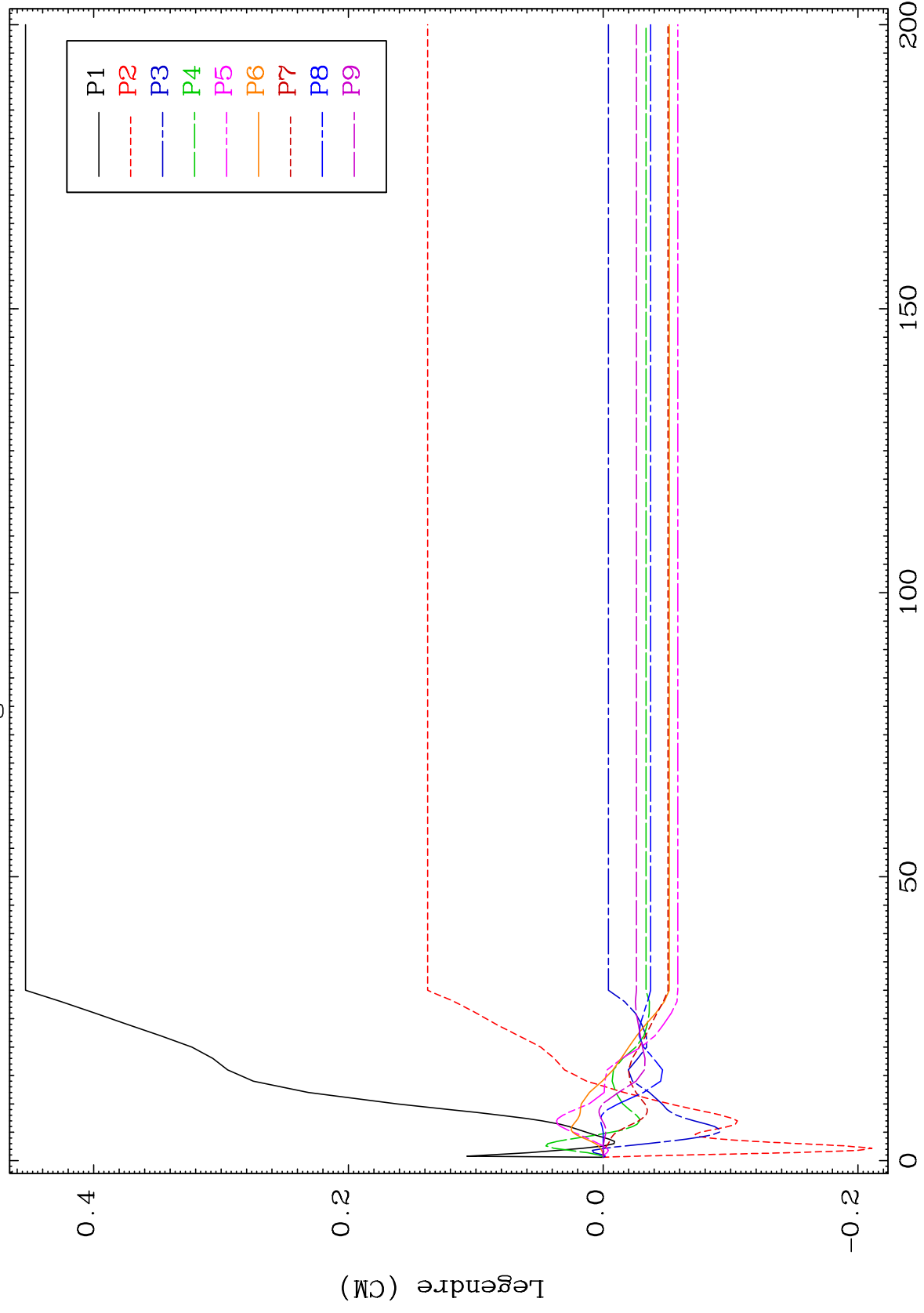
61-Pm-127



MAT 6089

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

61-Pm-127



45

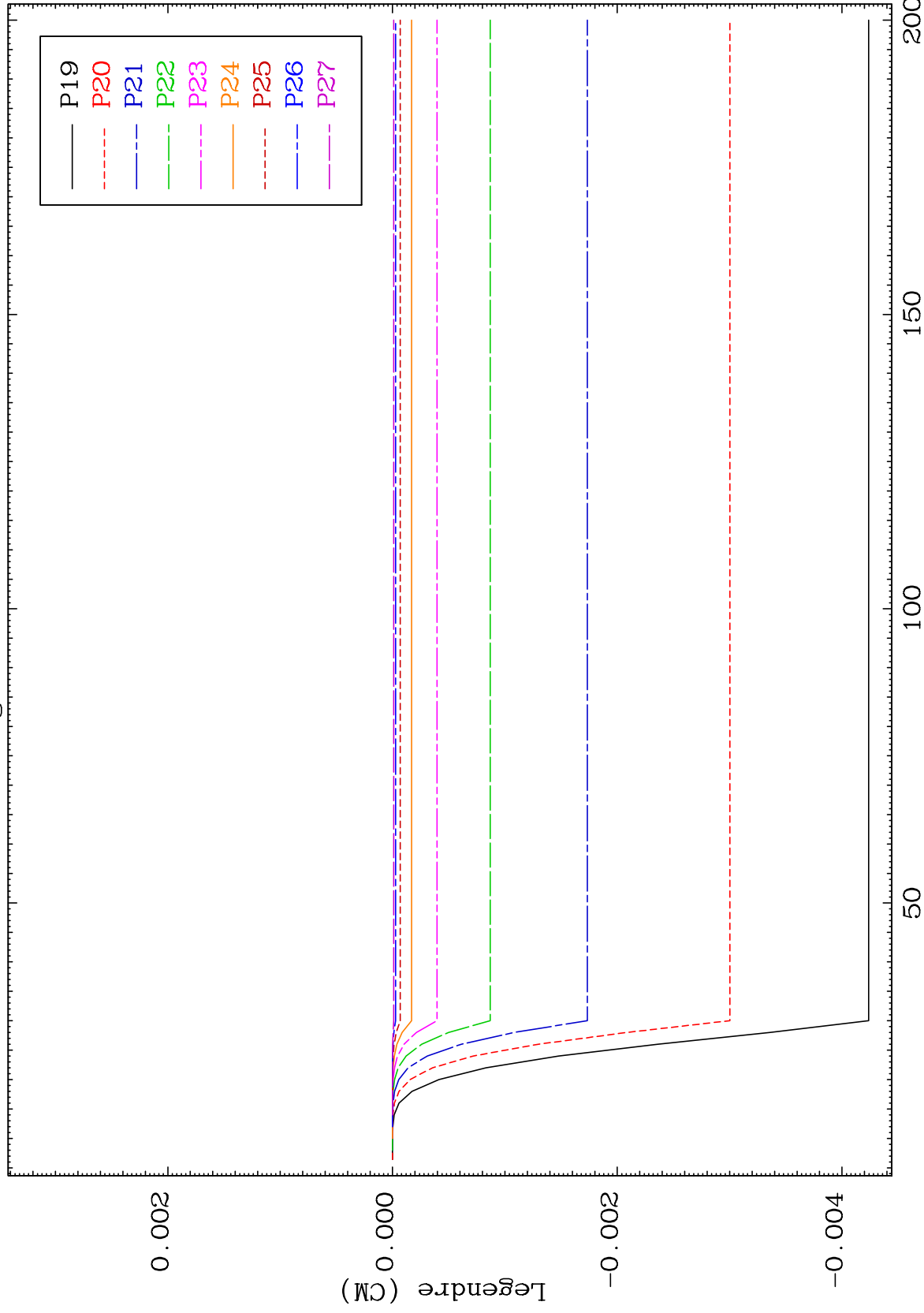
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

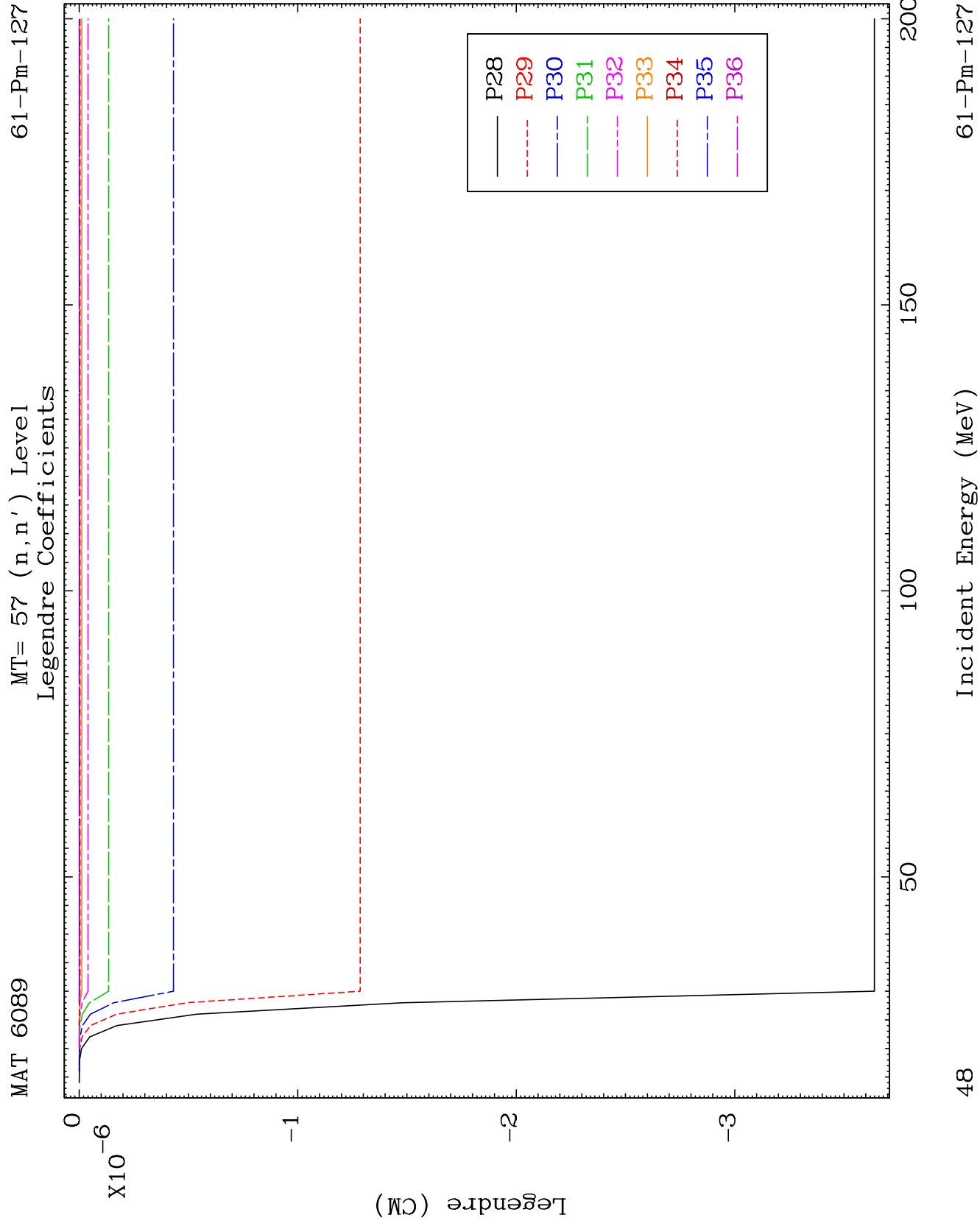
61-Pm-127



47

Incident Energy (MeV)

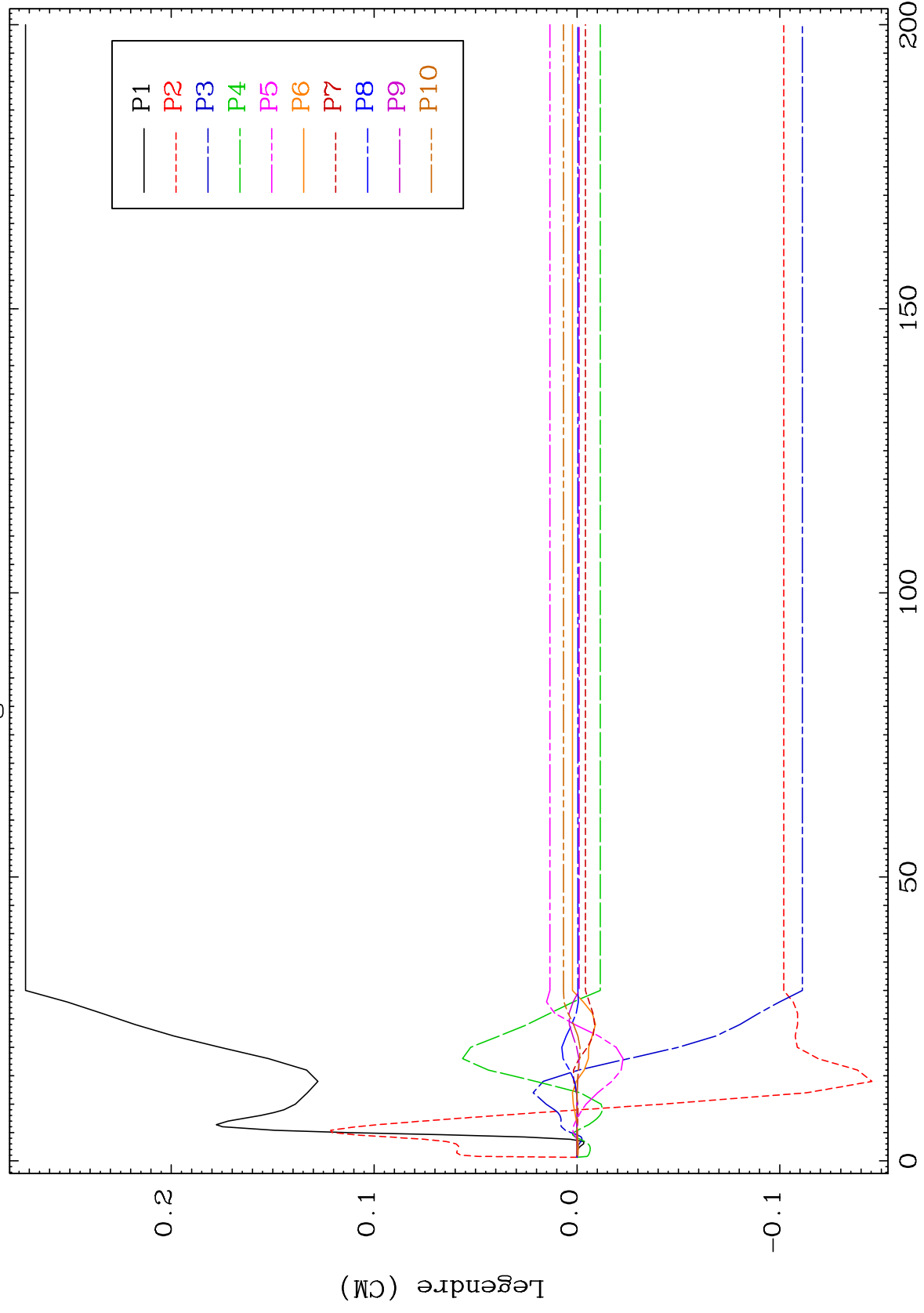
61-Pm-127



MAT 6089

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

61-Pm-127



49

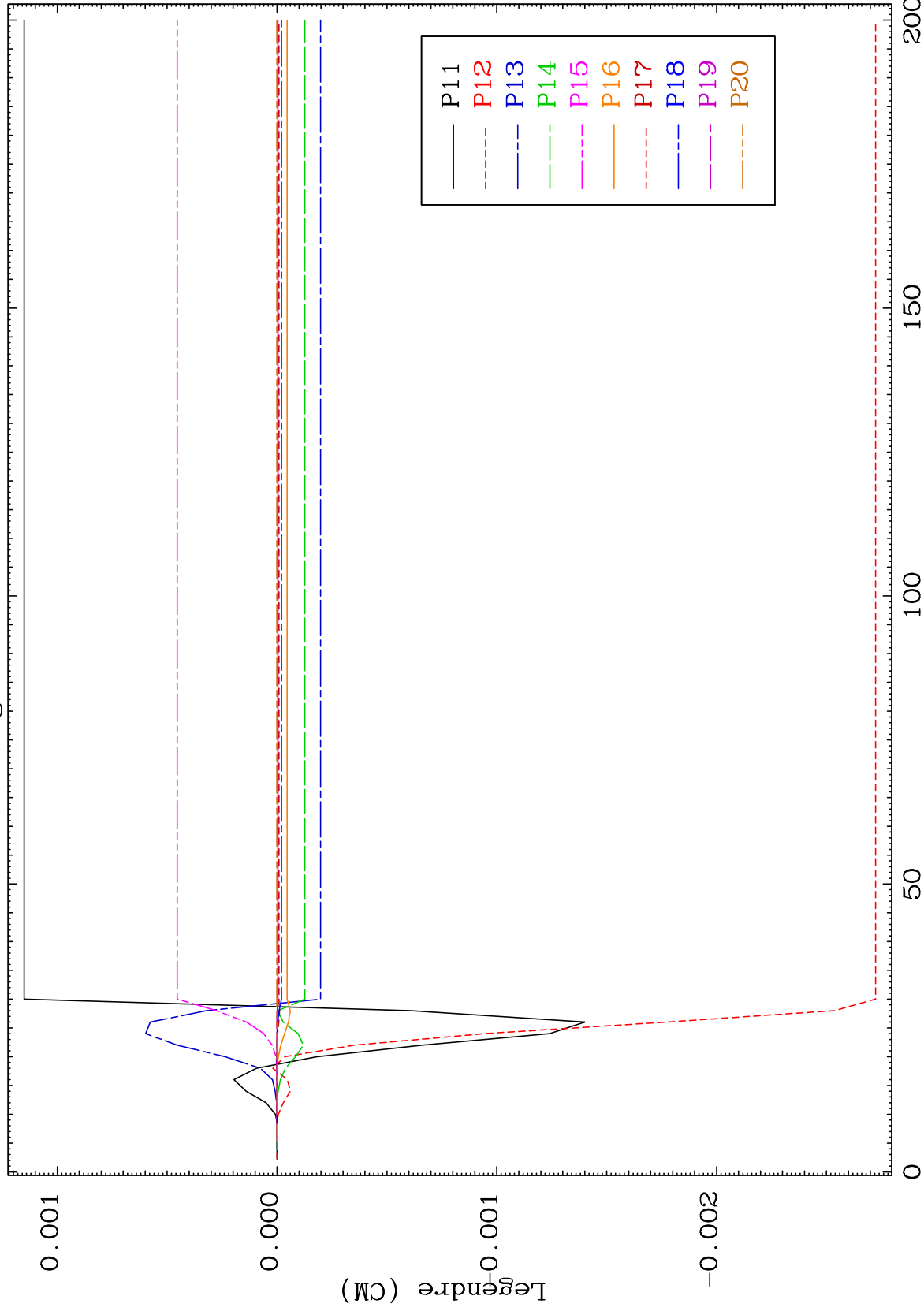
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



50

Incident Energy (MeV)

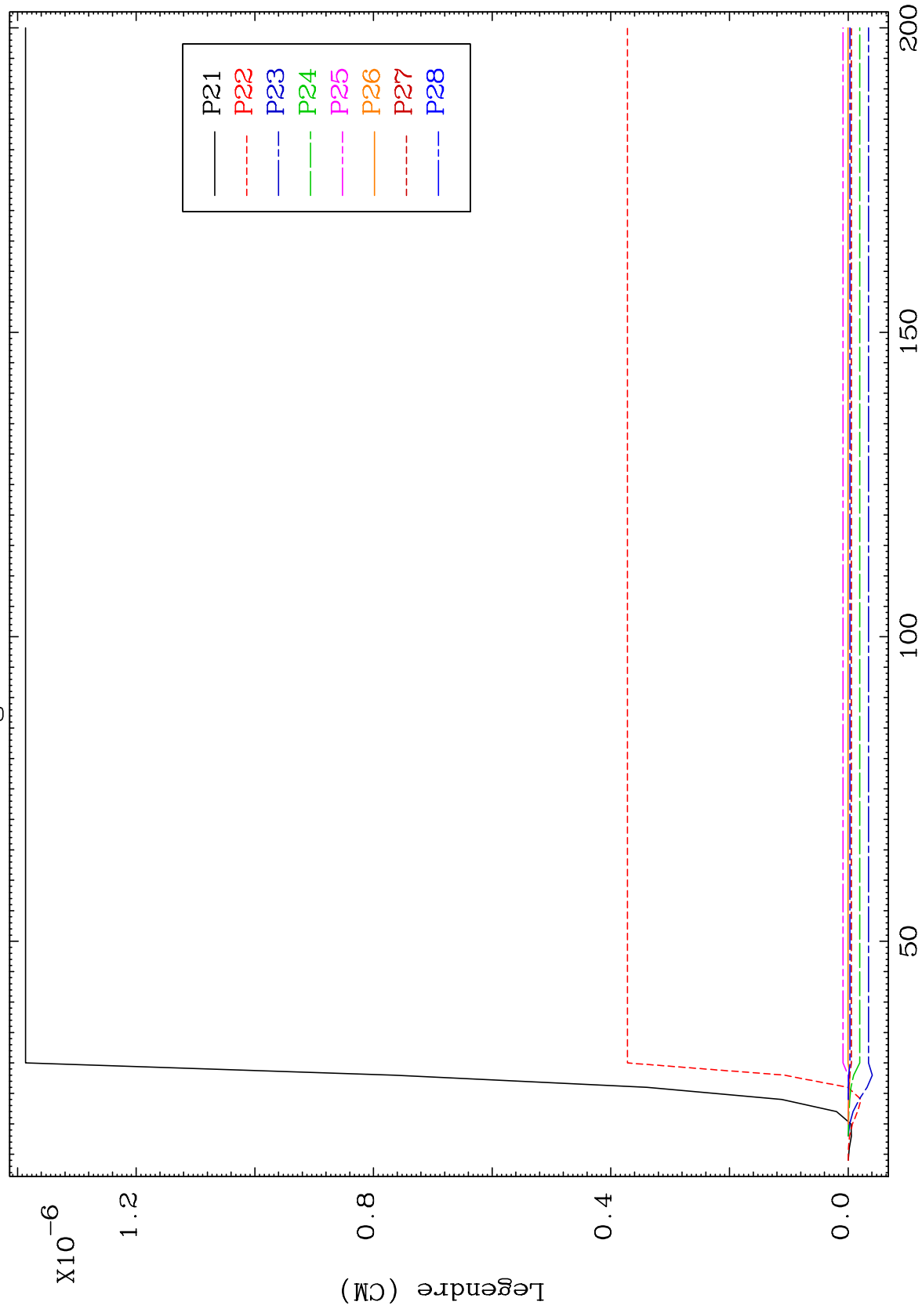
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61-Pm-127

MAT 6089

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

61-Pm-127

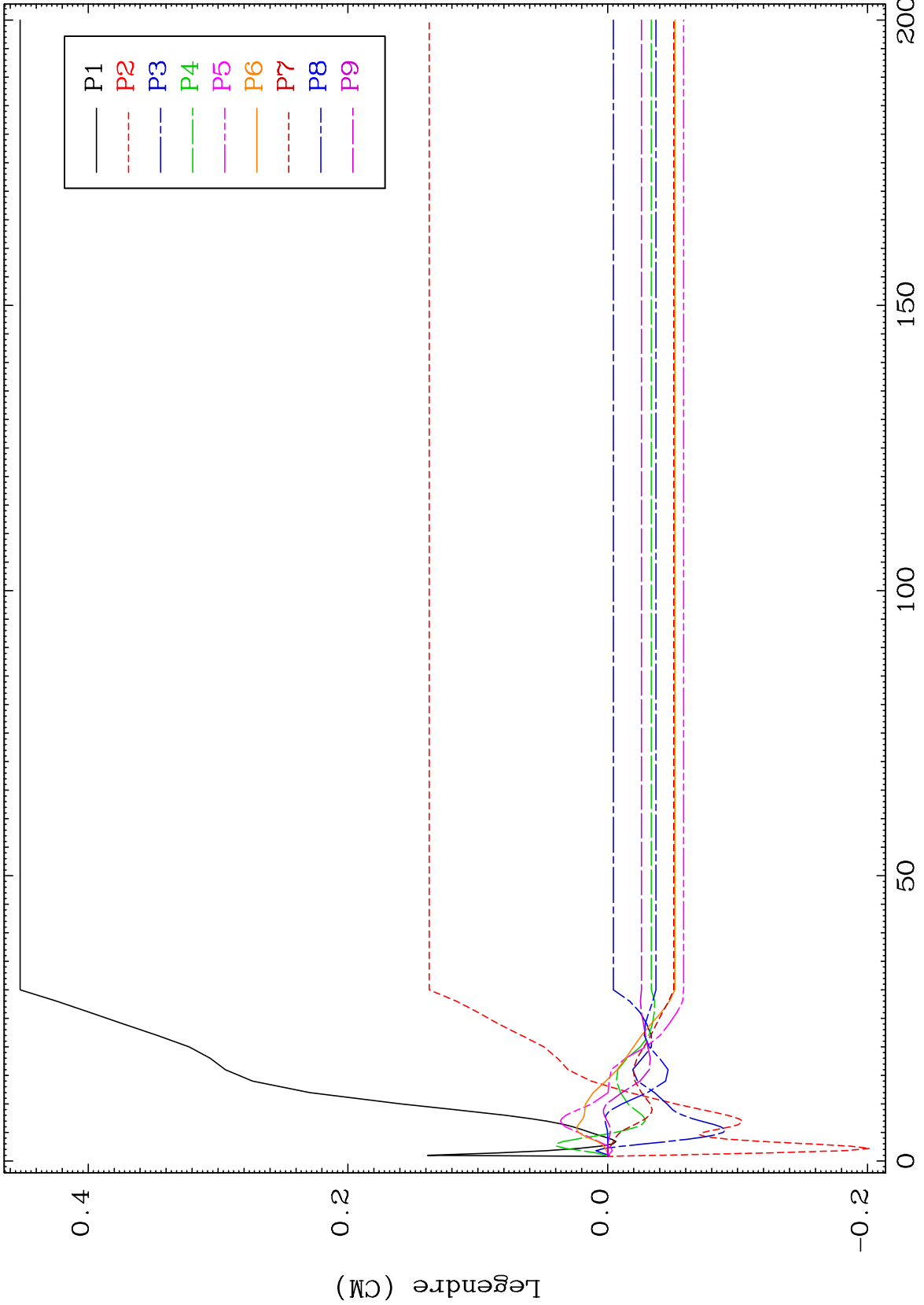


51

Incident Energy (MeV)

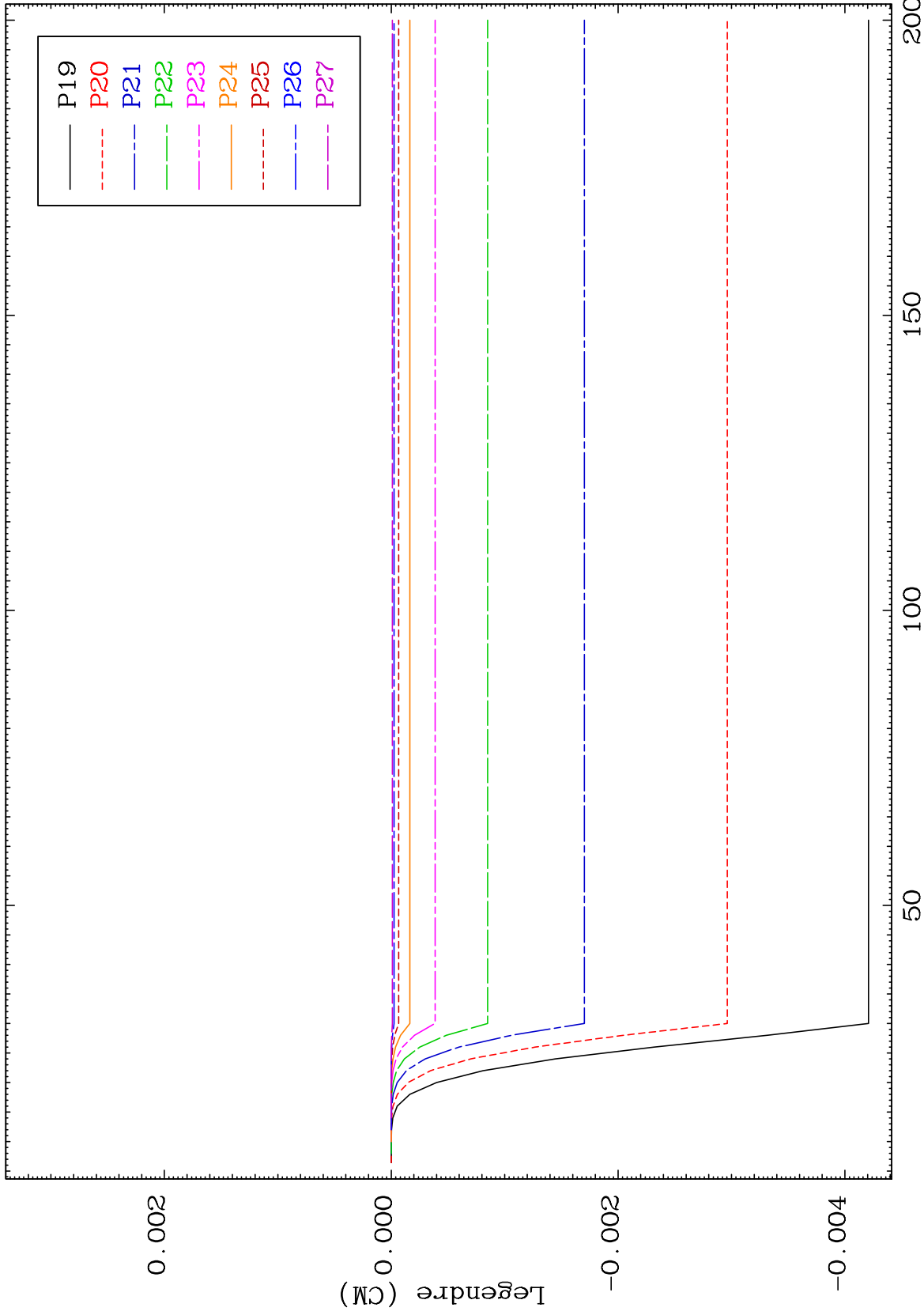
61-Pm-127

MAT 6089 MT= 59 (n,n') Level 61-Pm-127
Legendre Coefficients

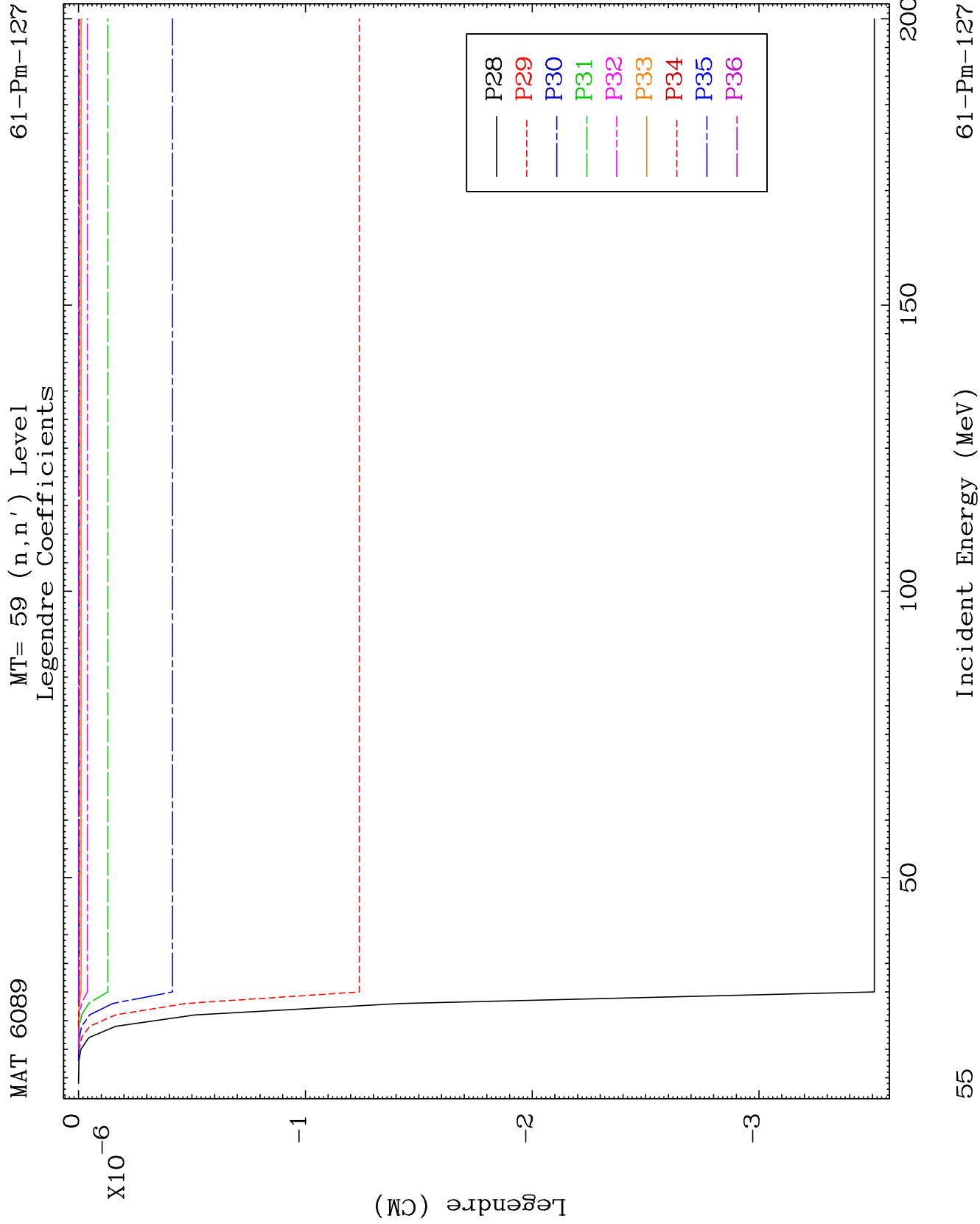


52 Incident Energy (MeV) 61-Pm-127

MAT 6089 MT= 59 (n,n') Level Legendre Coefficients 61-Pm-127



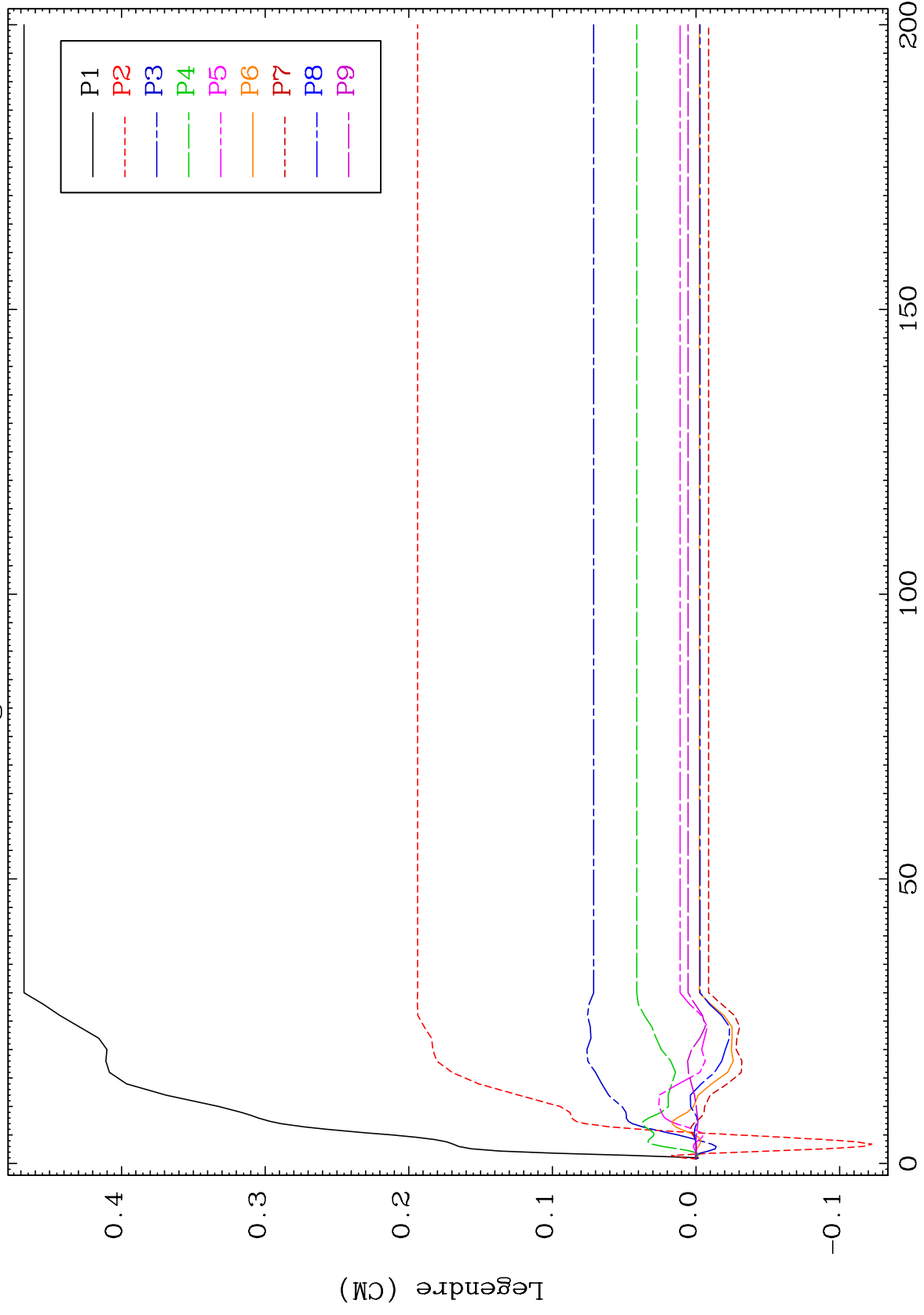
54 61-Pm-127



MAT 6089

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

61-Pm-127



55

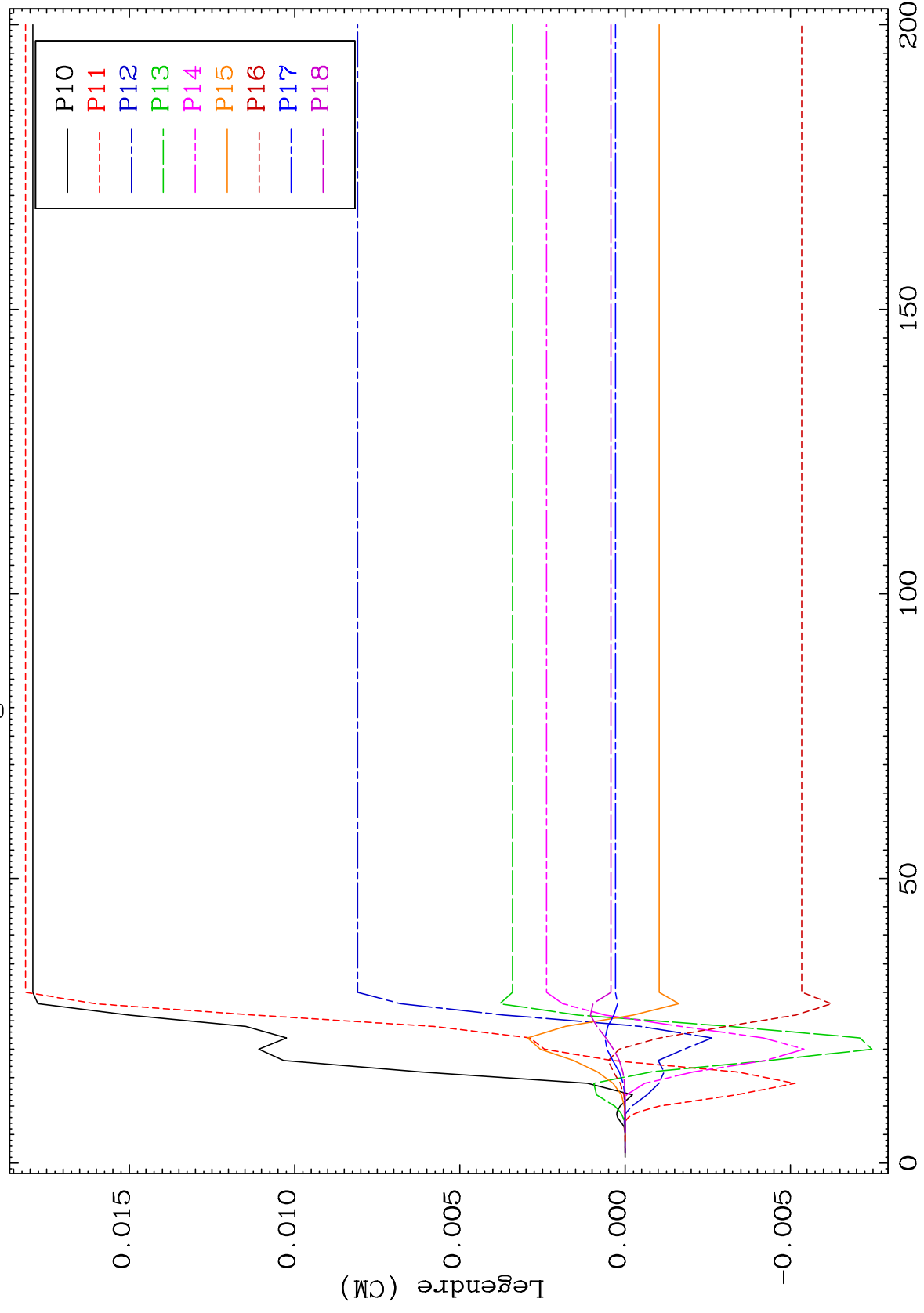
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



25

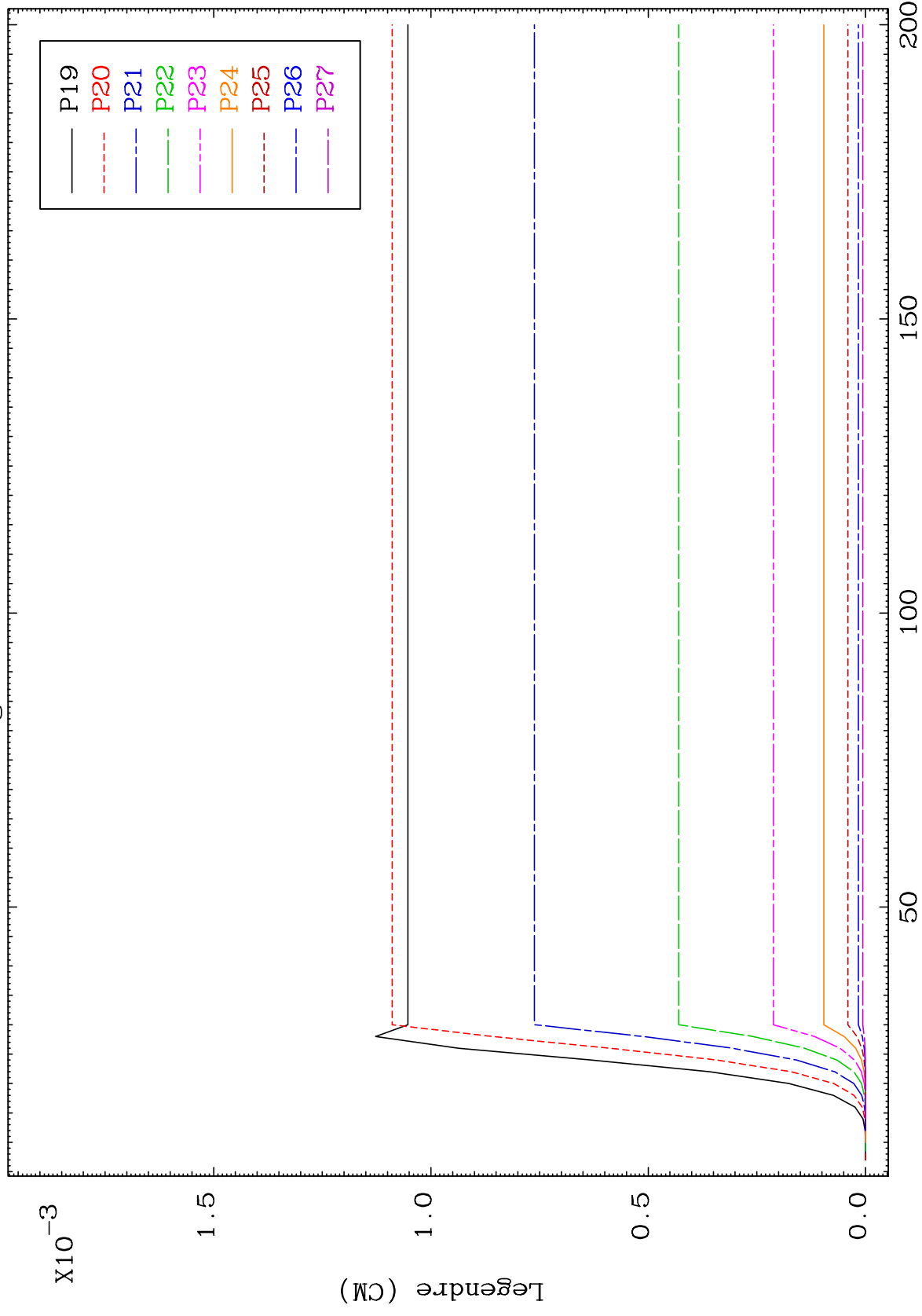
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



58

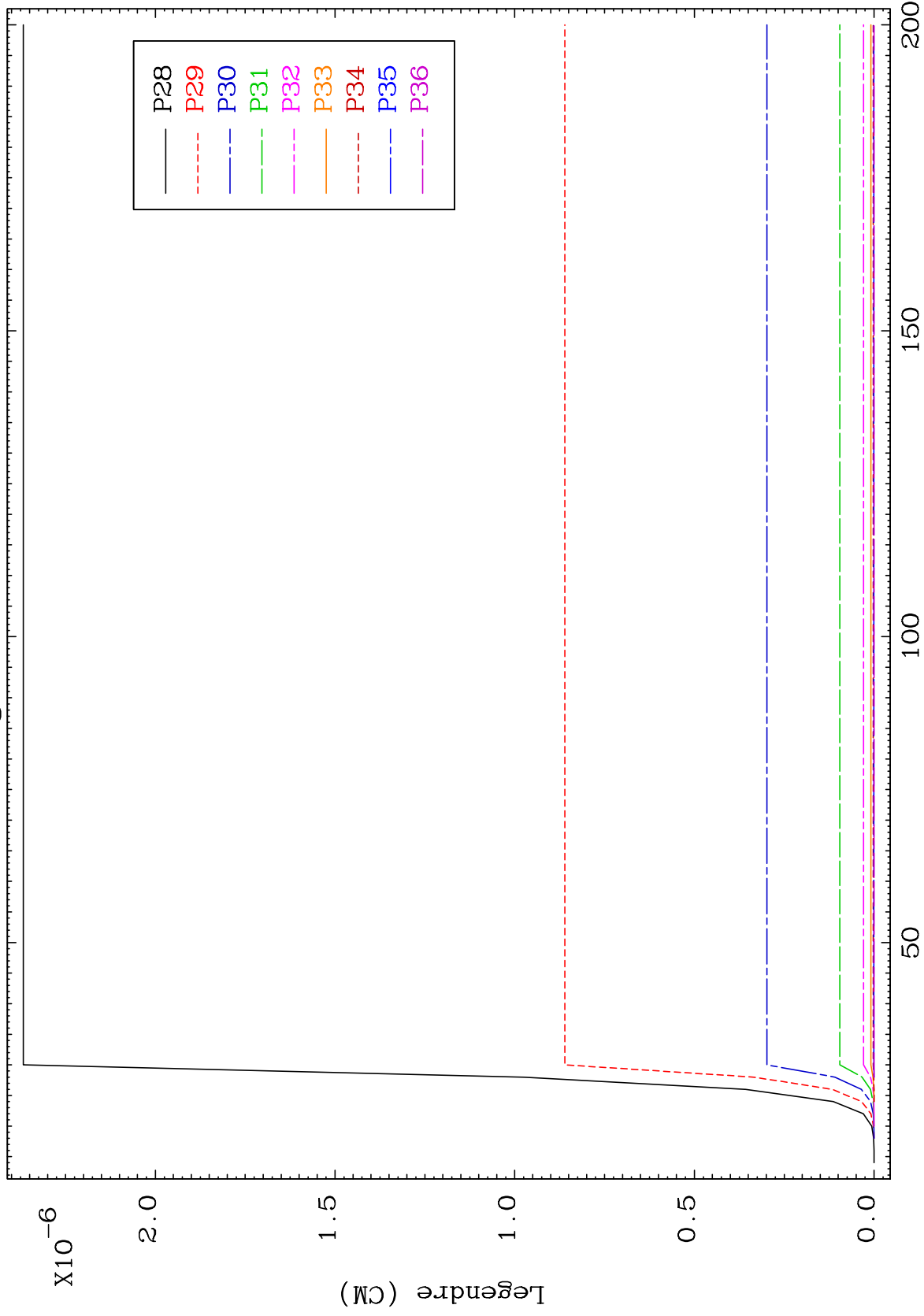
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

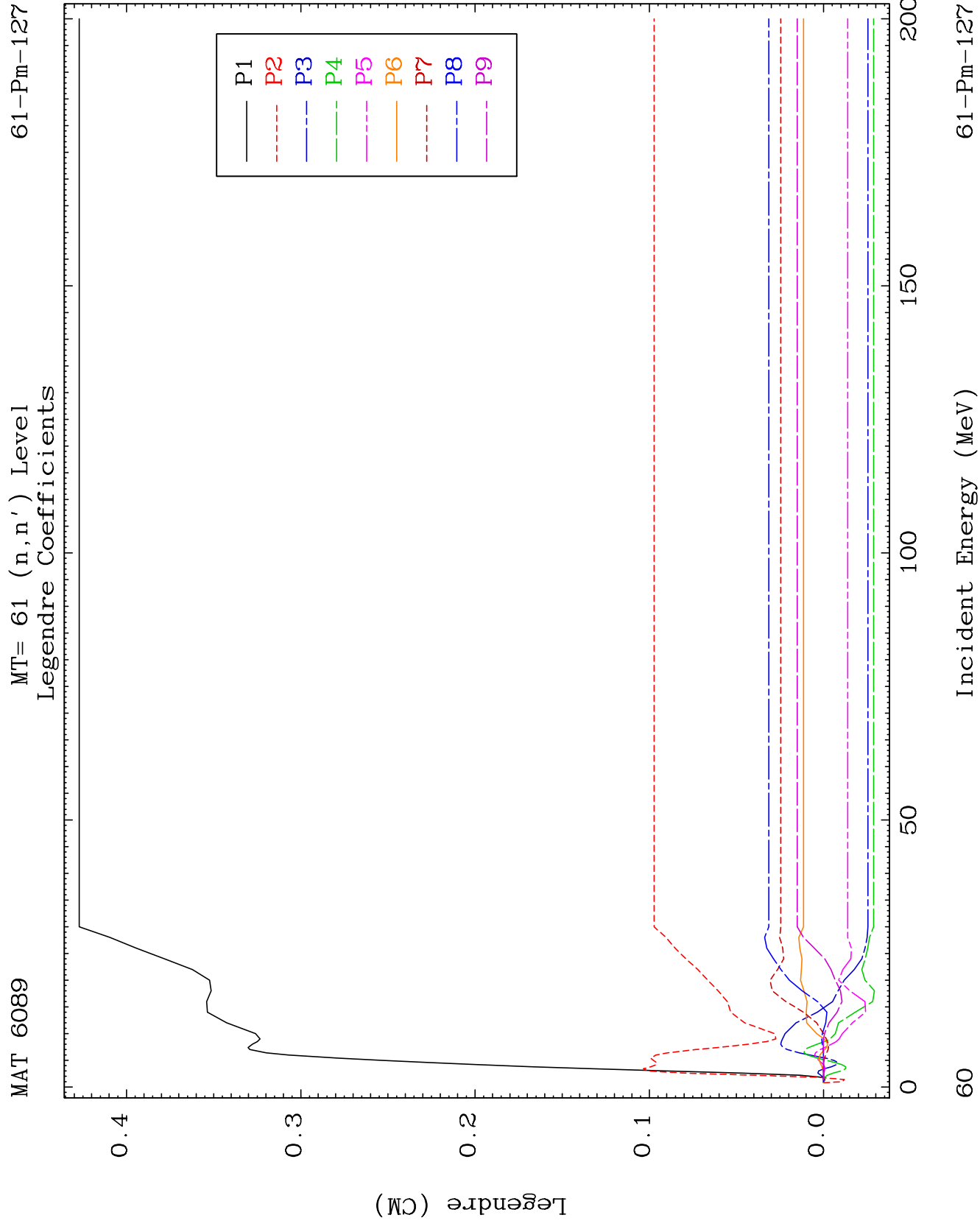
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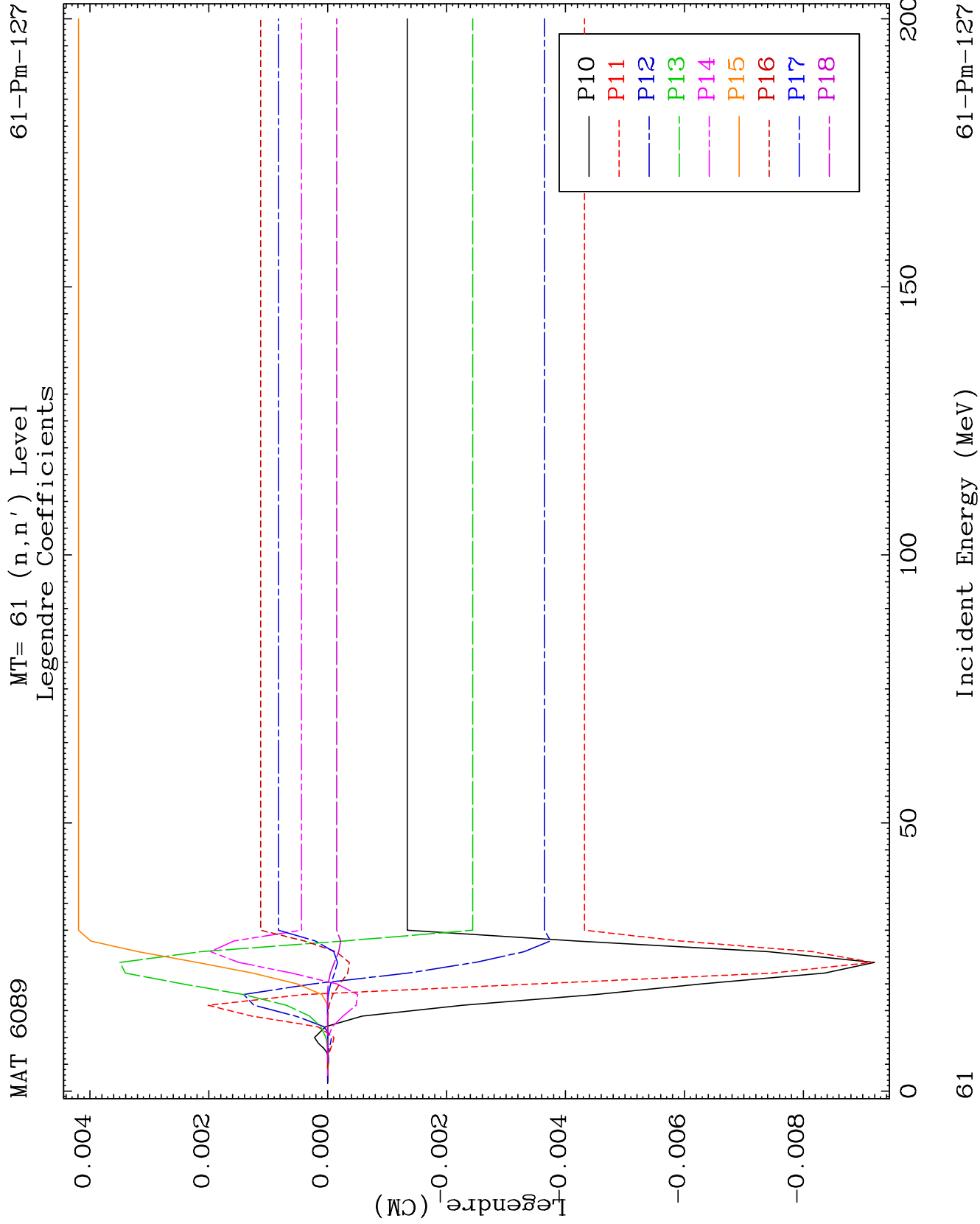


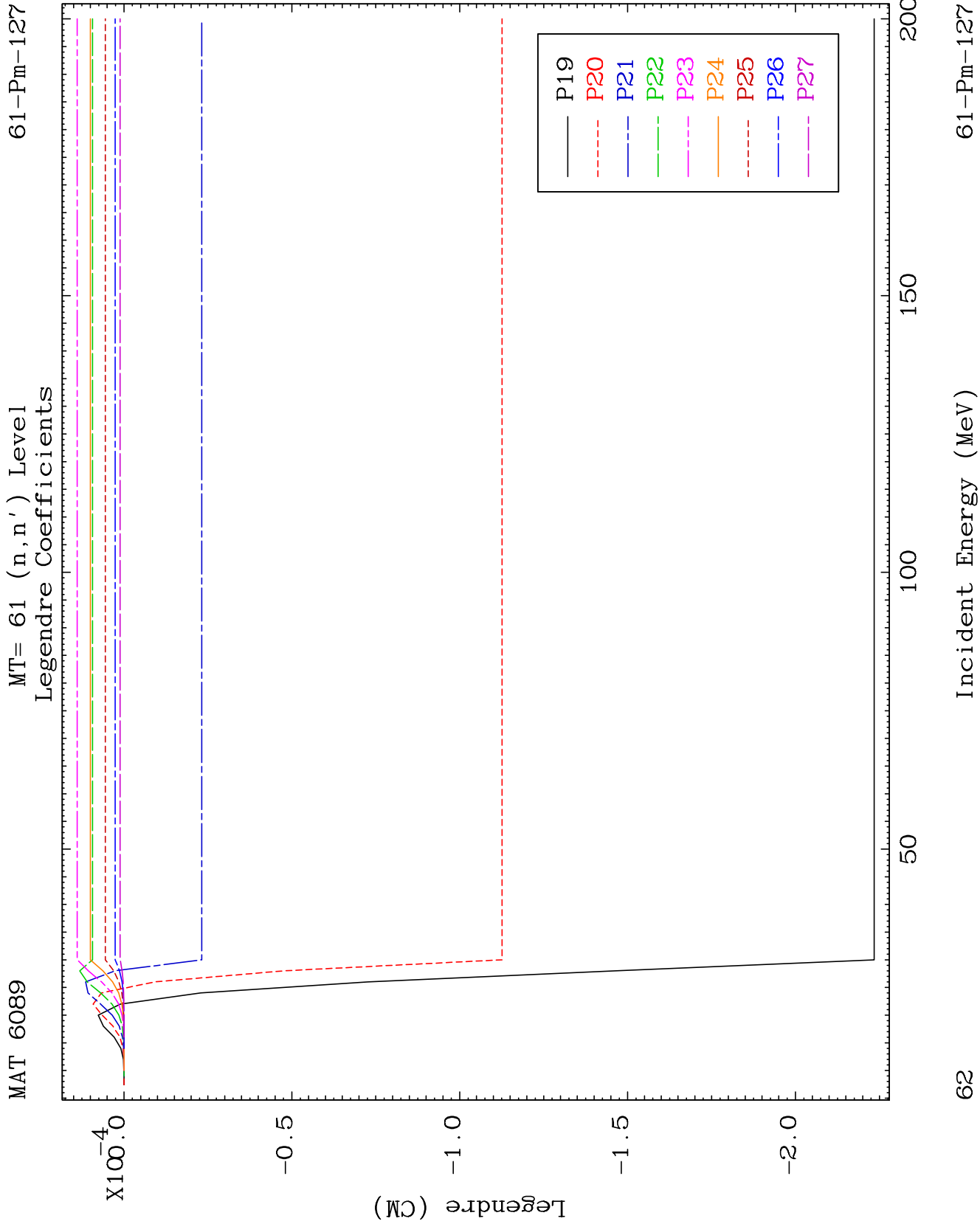
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Incident Energy (MeV)

61-Pm-127



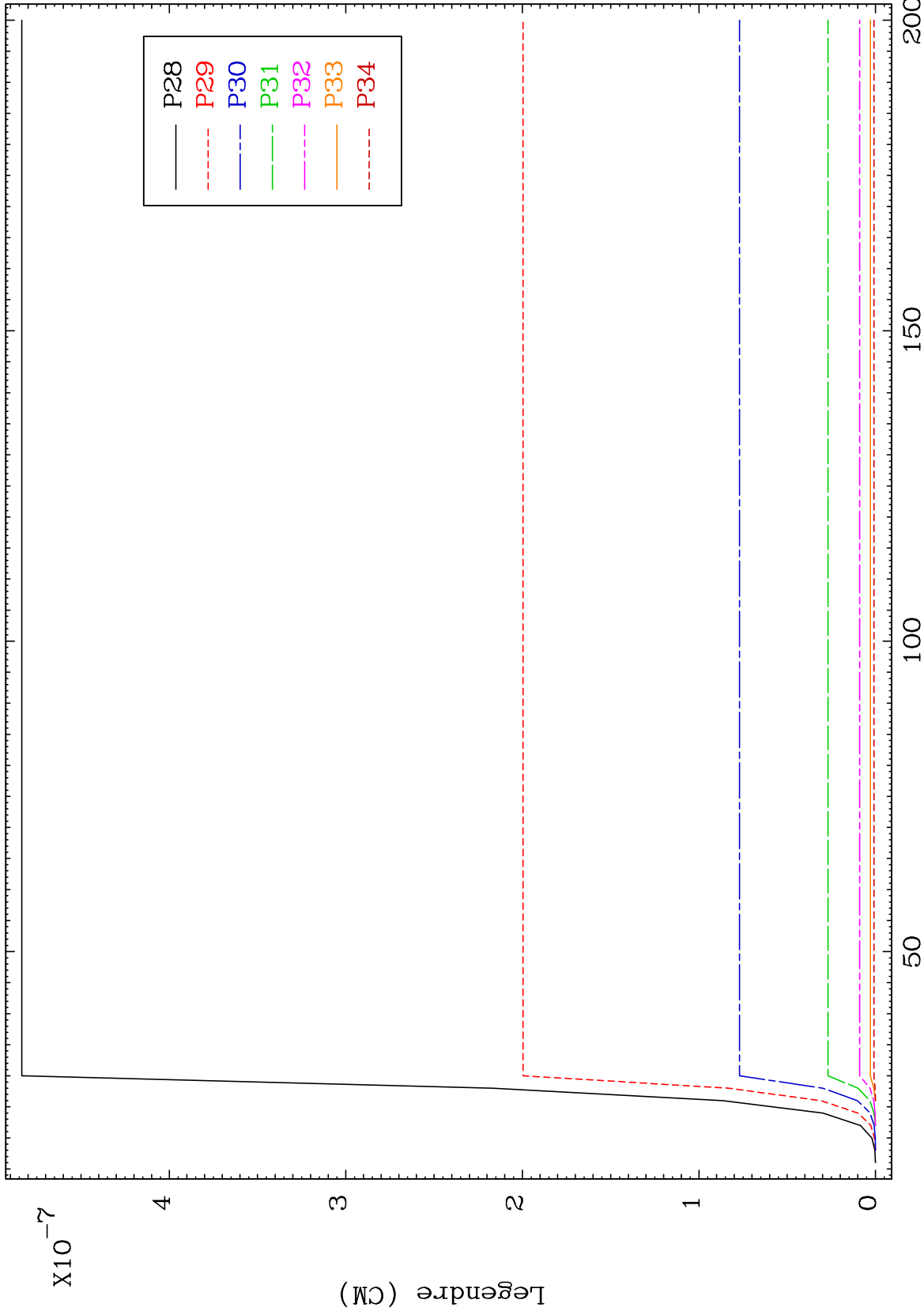




MAT 6089

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

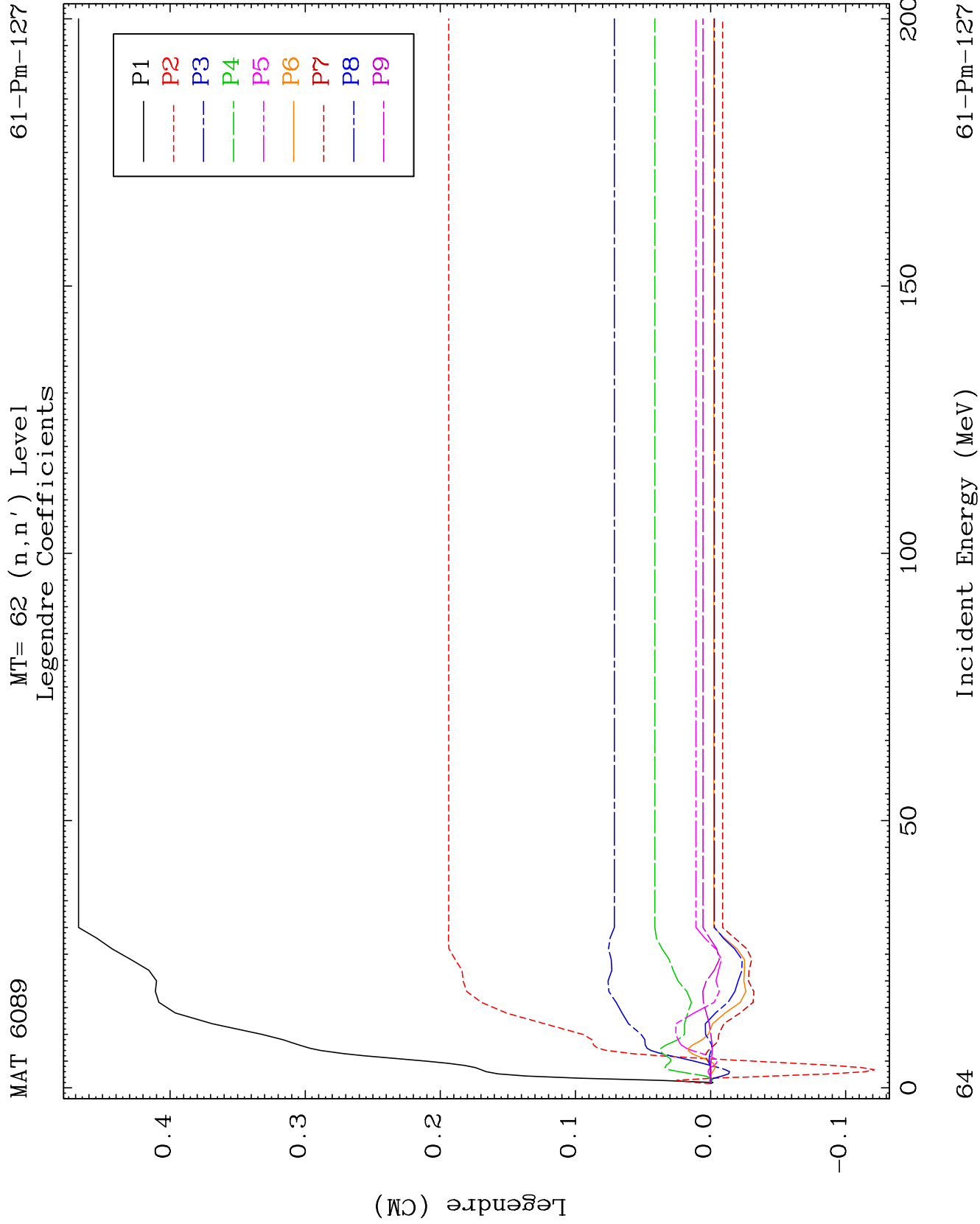
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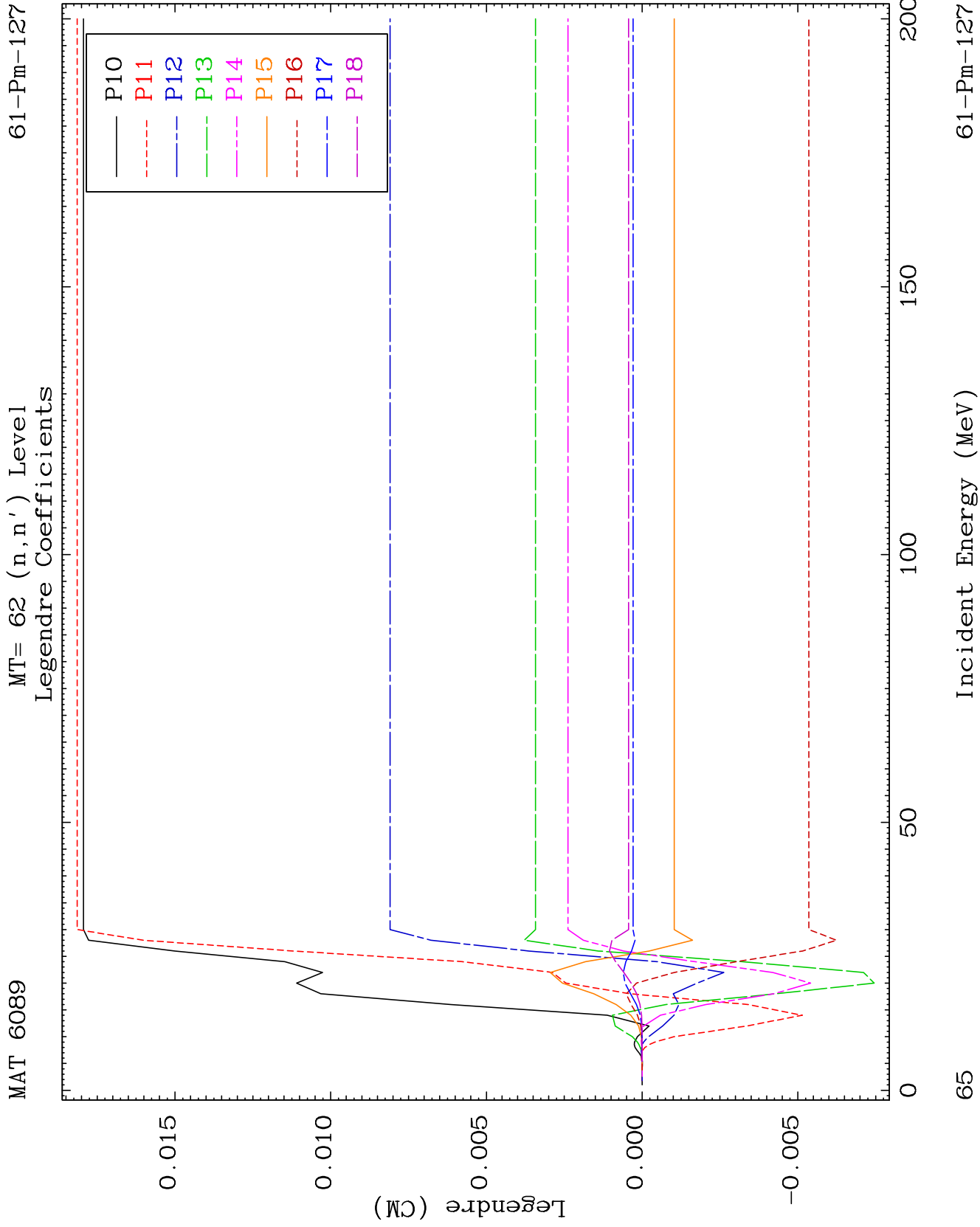


63

Incident Energy (MeV)

61-Pm-127

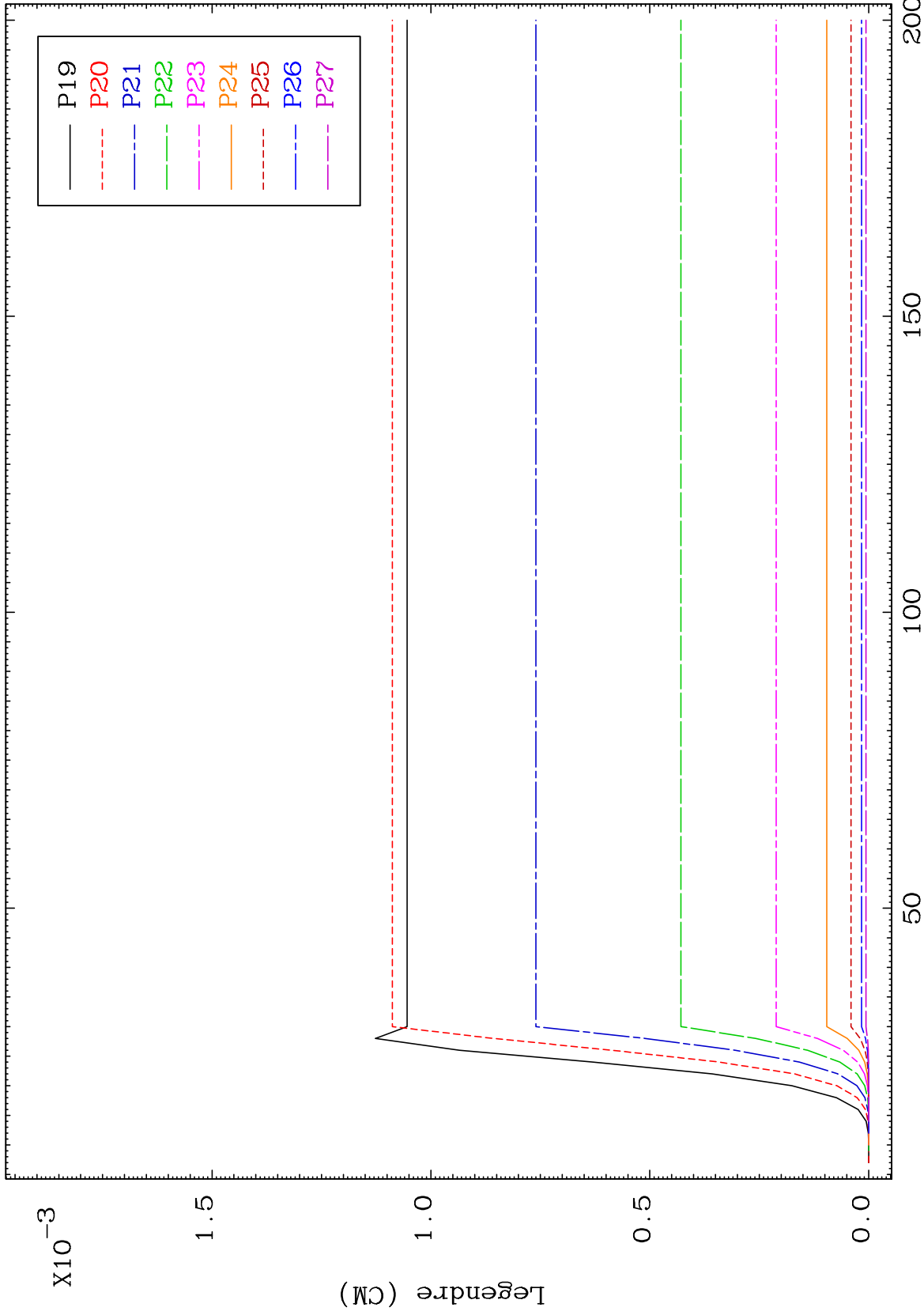




MAT 6089

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

61-Pm-127



66

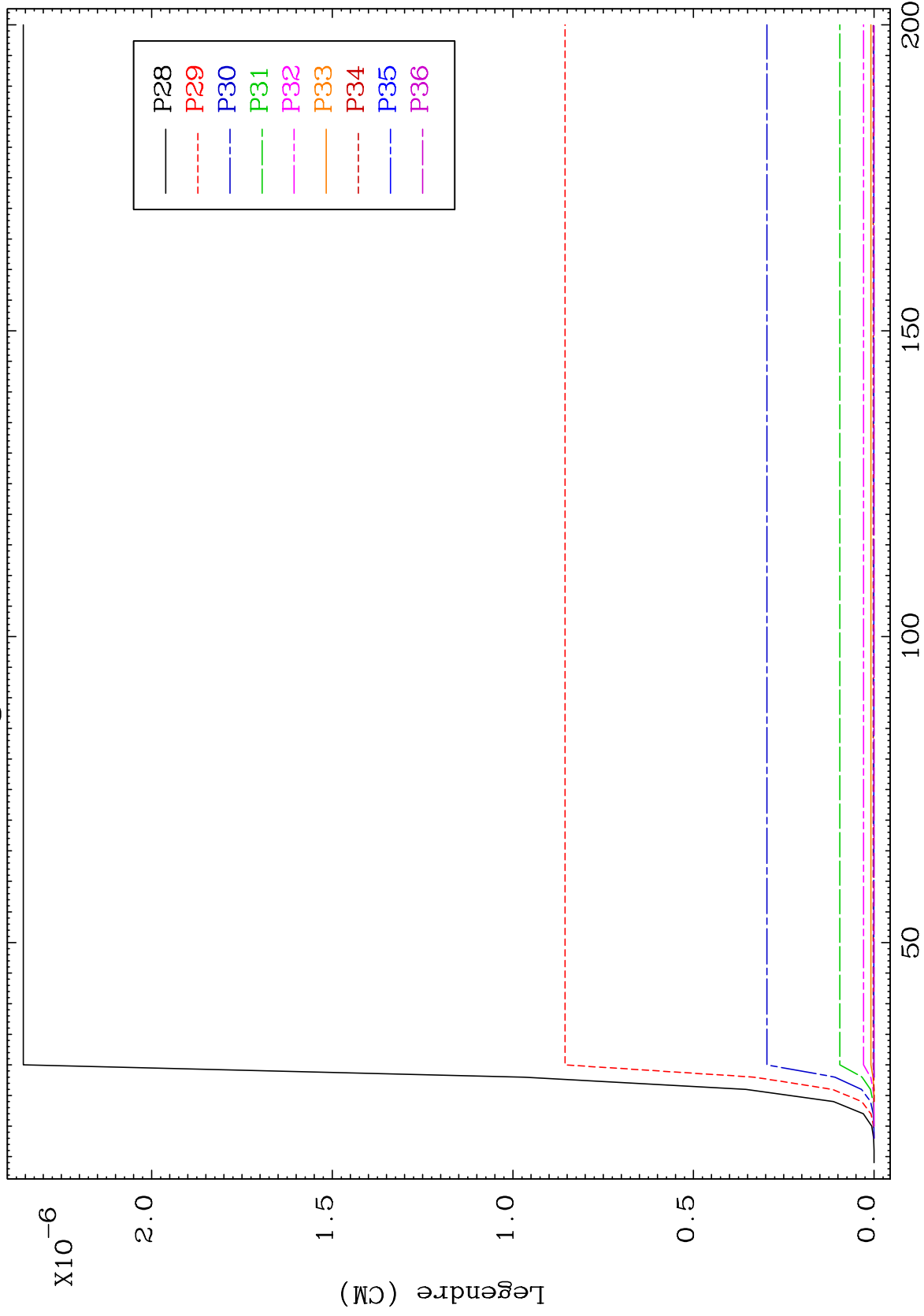
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127

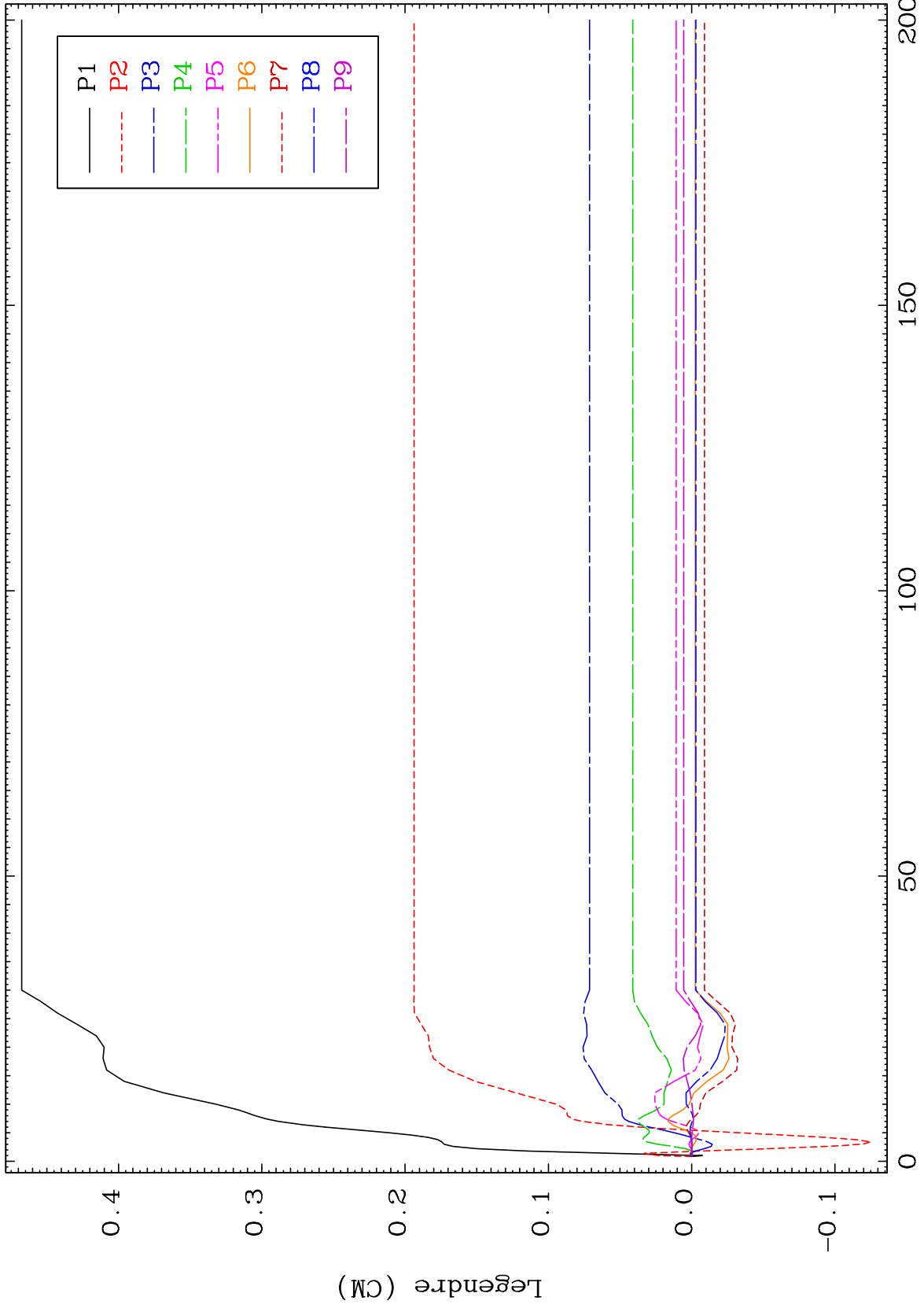


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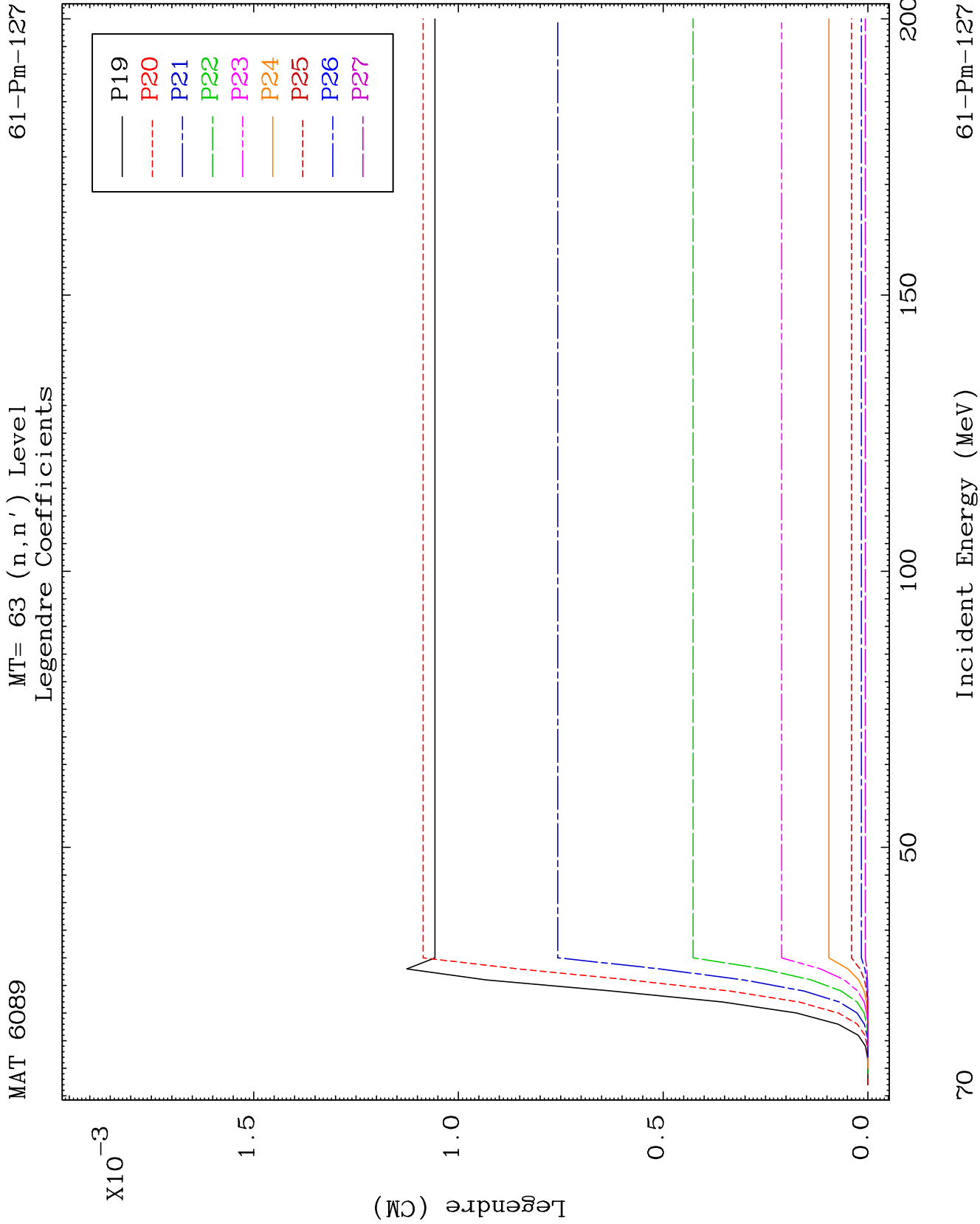
Incident Energy (MeV)

61-Pm-127

MAT 6089 MT= 63 (n,n') Level Legendre Coefficients 61-Pm-127



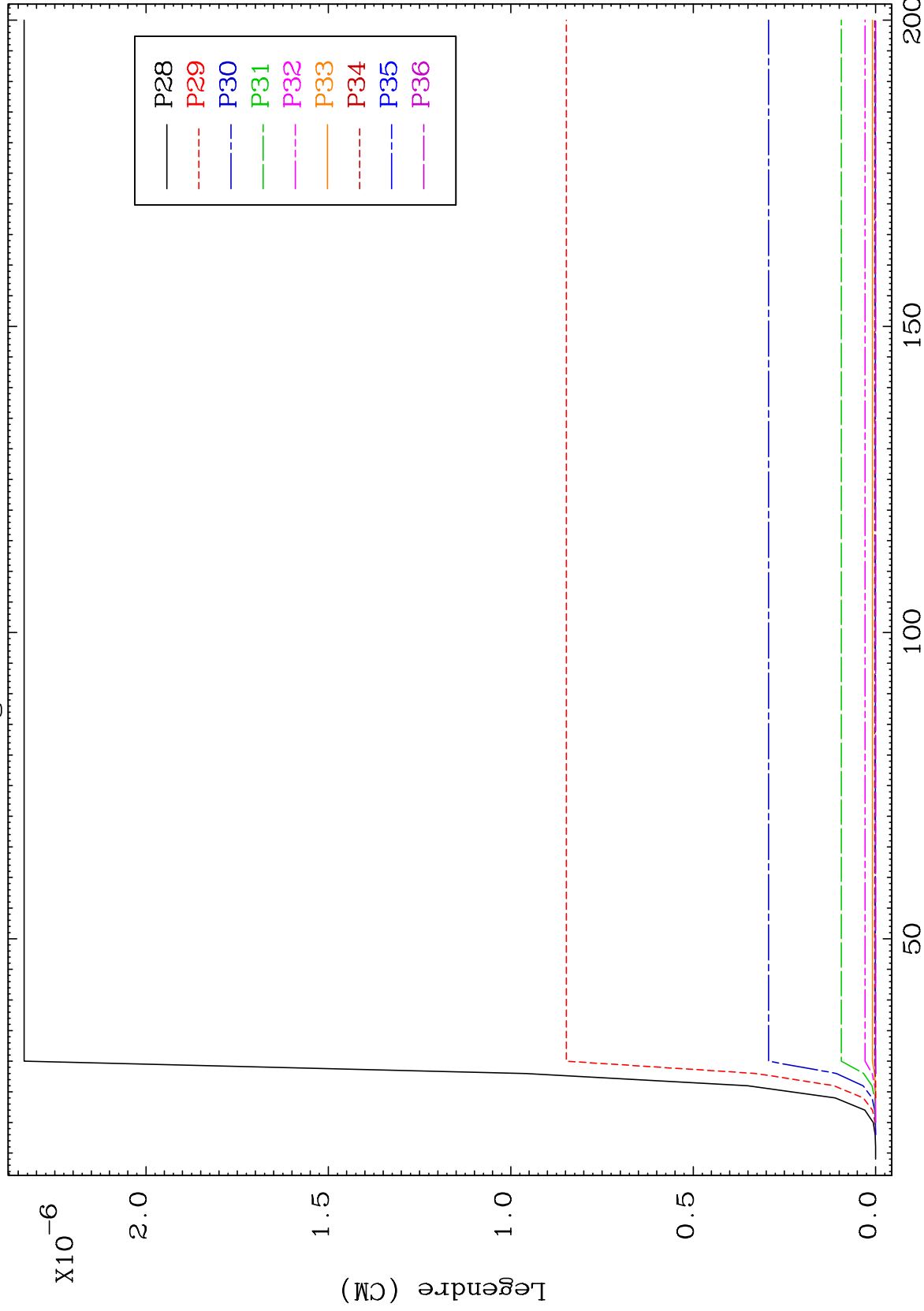
68 61-Pm-127



MAT 6089

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

61-Pm-127

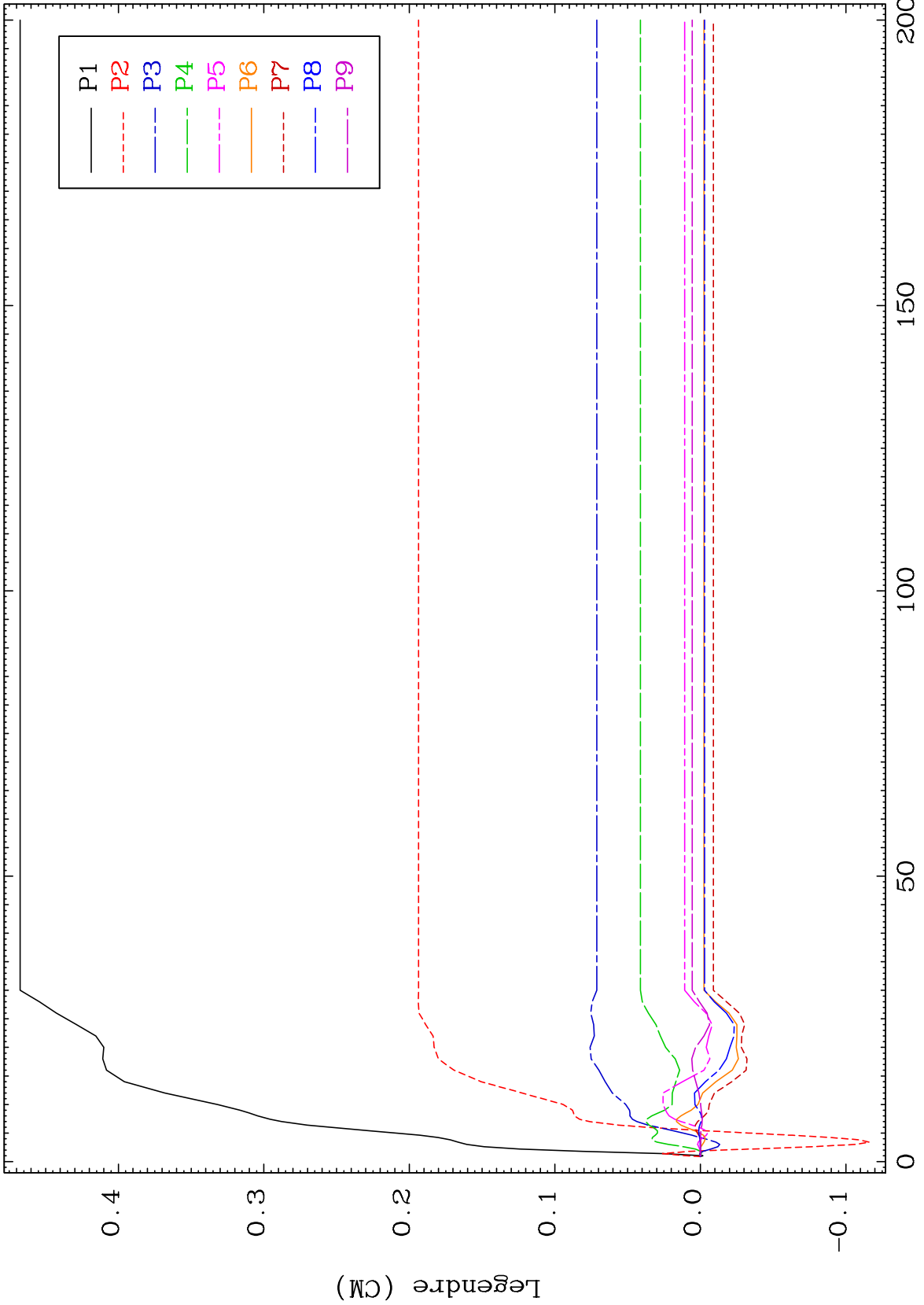


71

Incident Energy (MeV)

61-Pm-127

MAT 6089 MT= 64 (n,n') Level 61-Pm-127
Legendre Coefficients

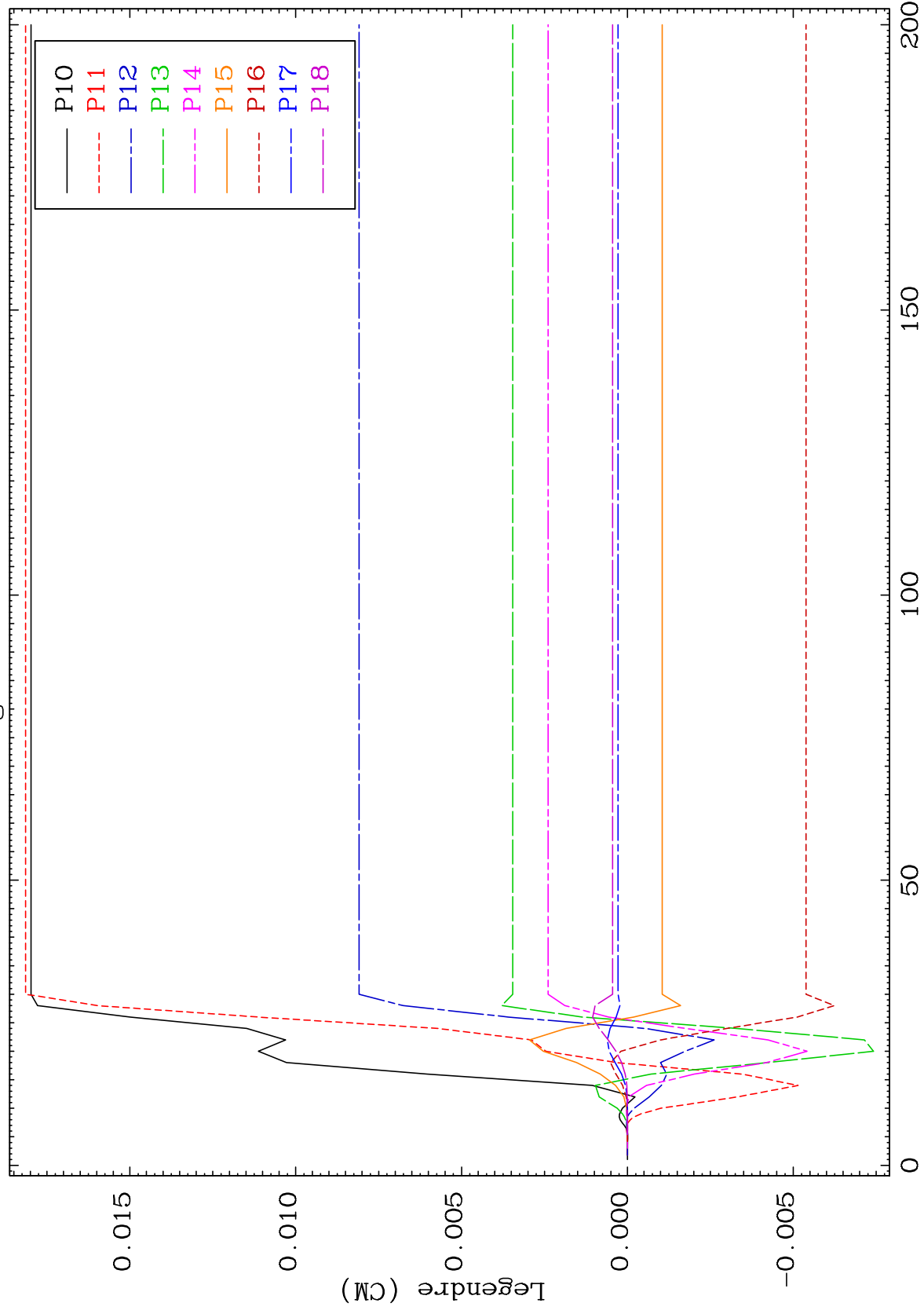


72 61-Pm-127

MAT 6089

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

61-Pm-127



23

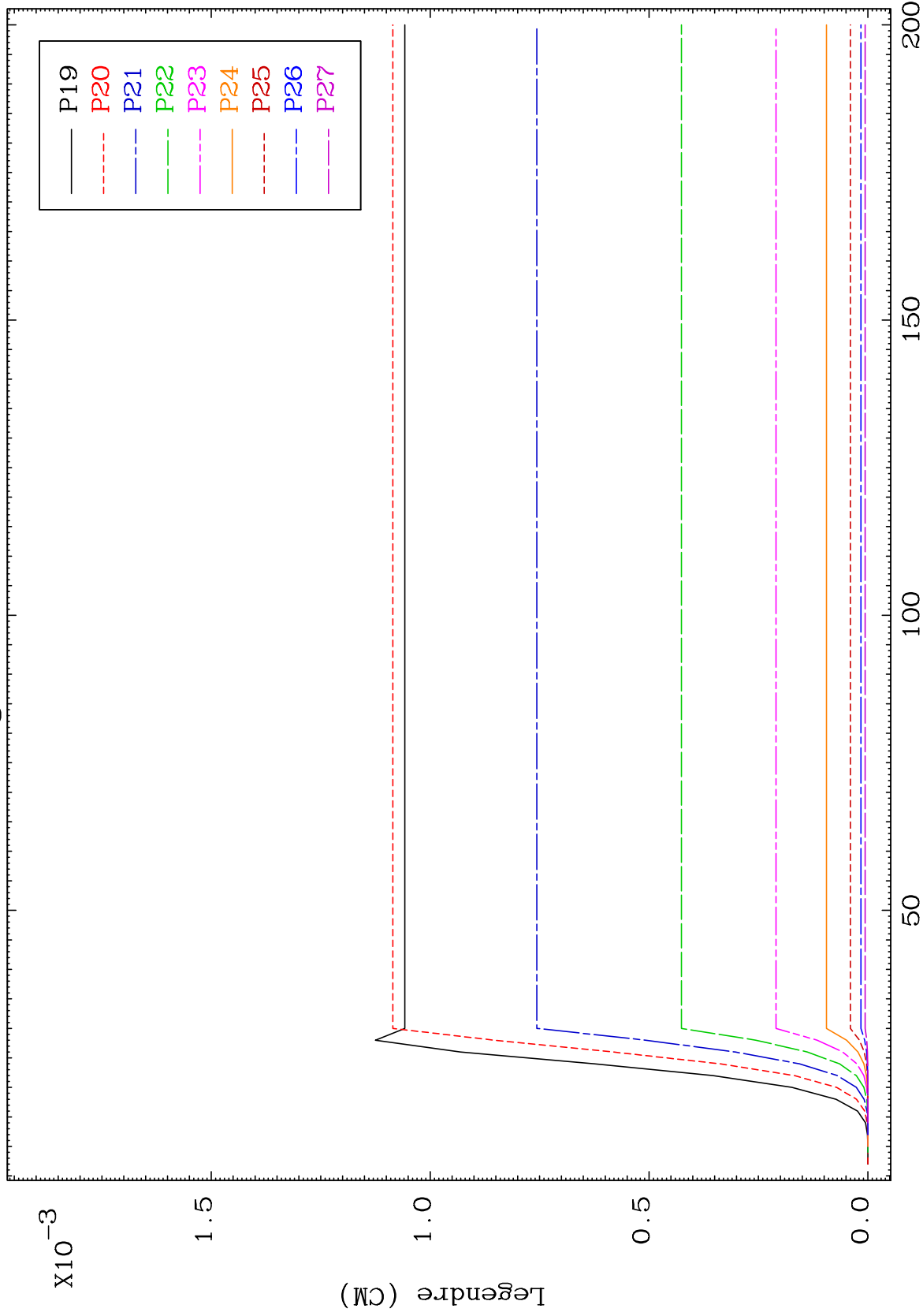
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



74

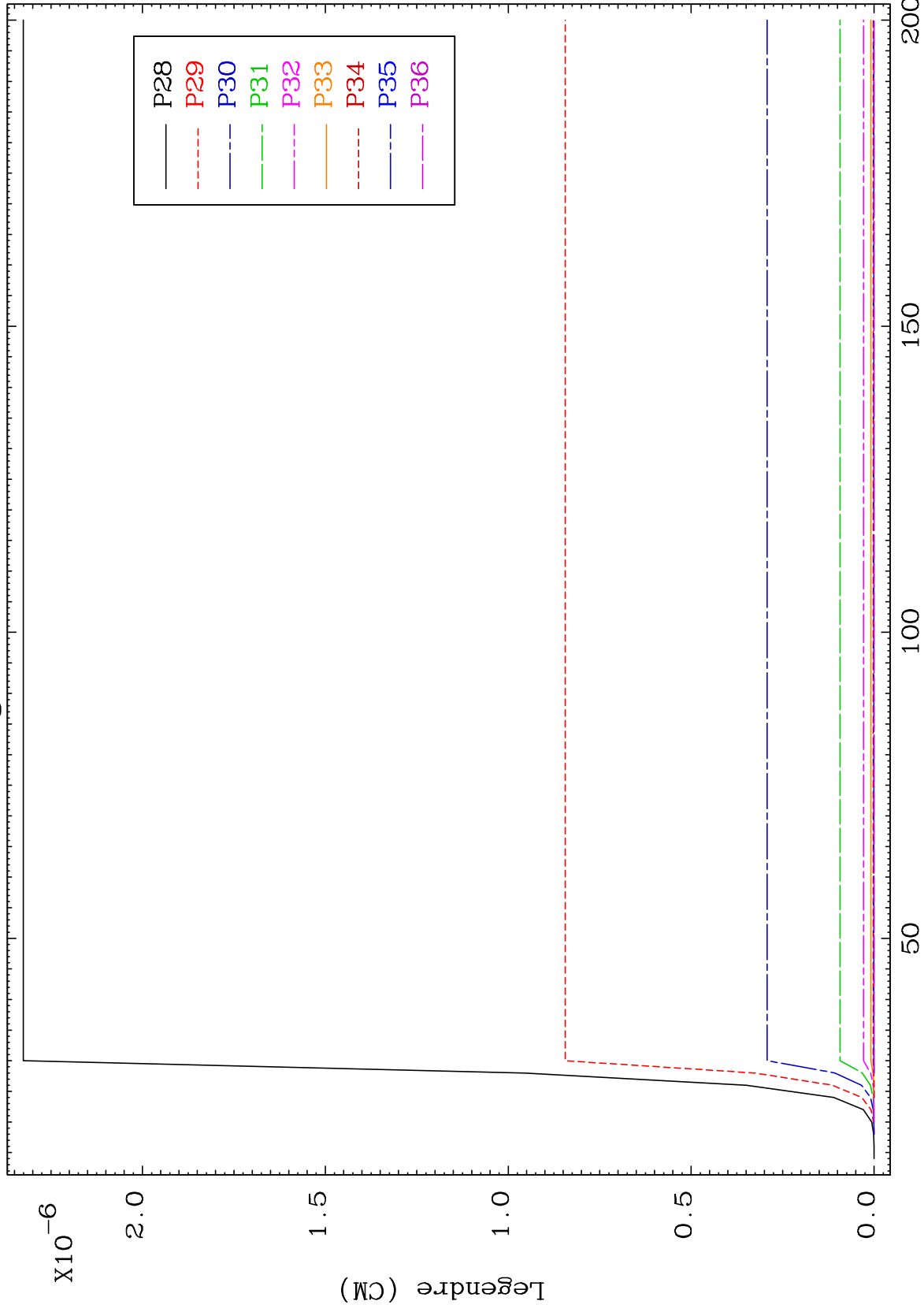
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

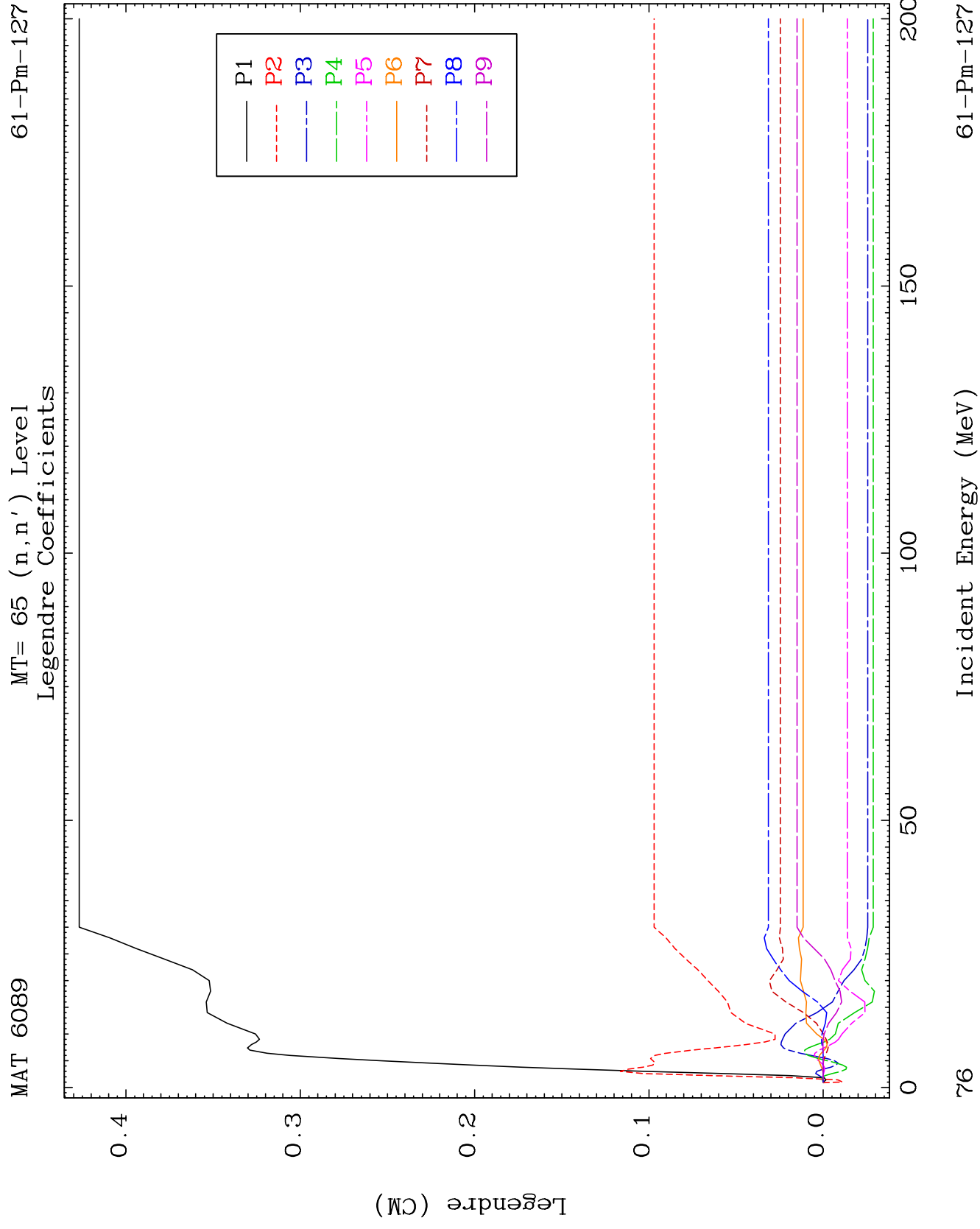
61-Pm-127



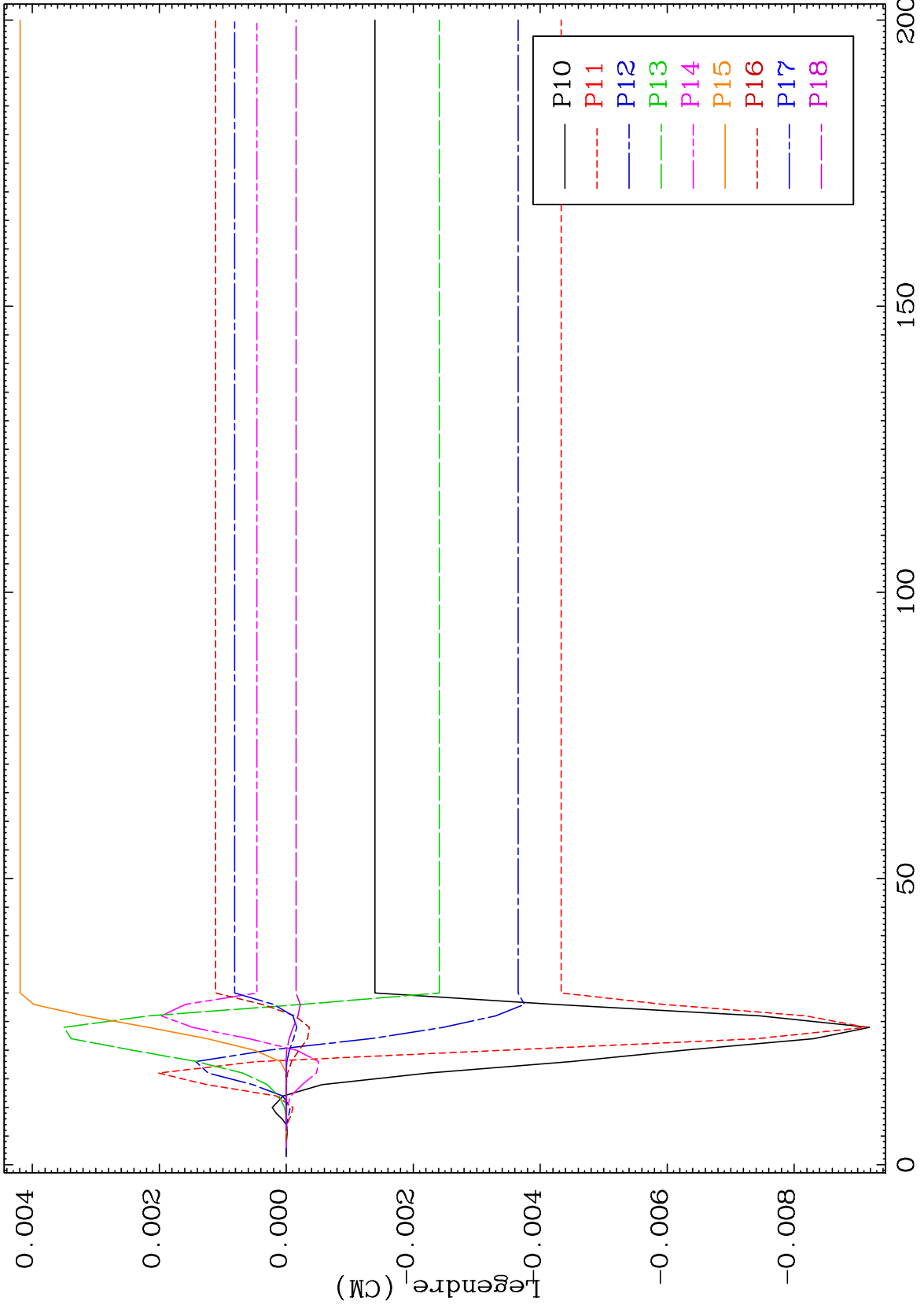
75

Incident Energy (MeV)

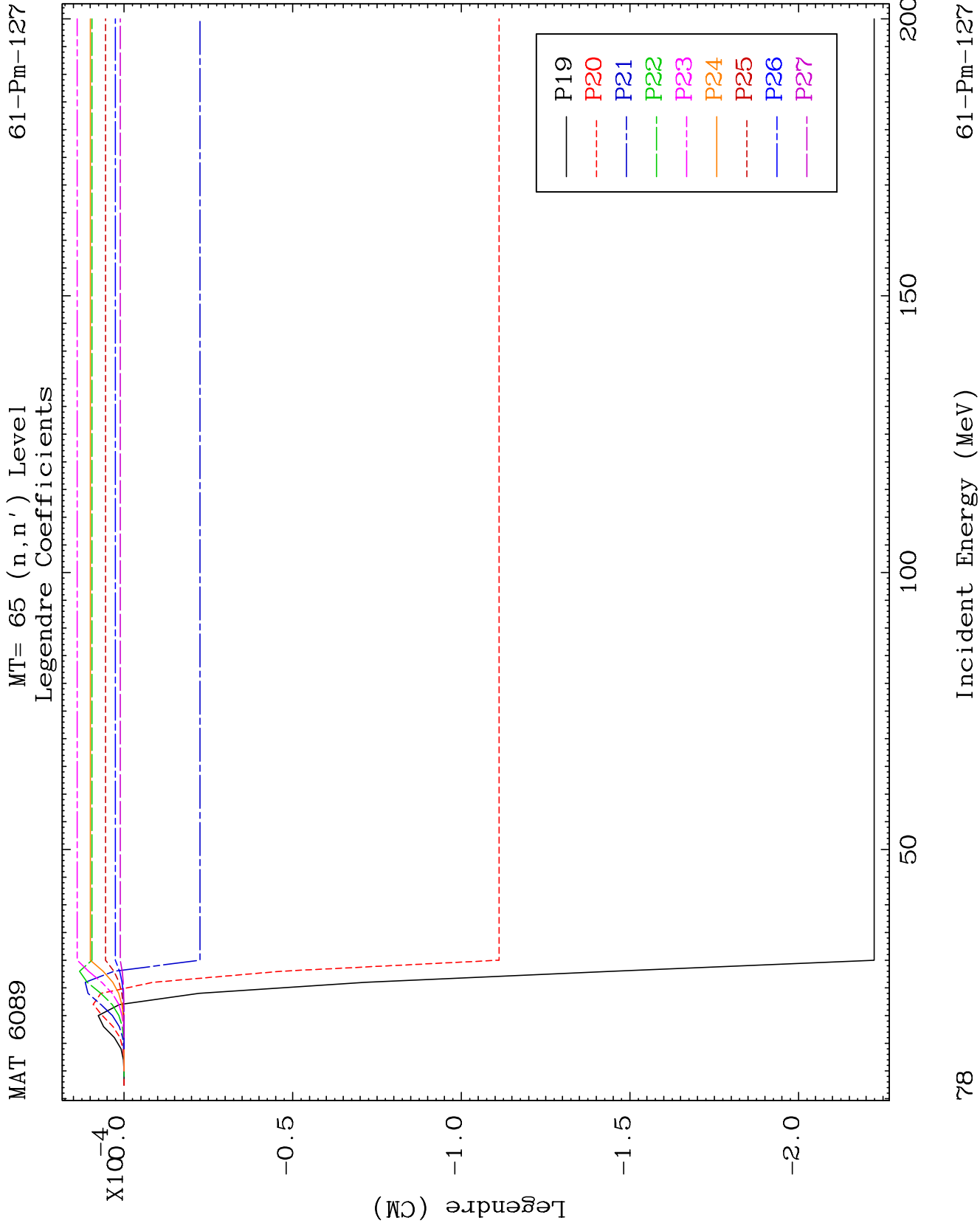
61-Pm-127



MAT 6089 MT= 65 (n,n') Level Legendre Coefficients 61-Pm-127



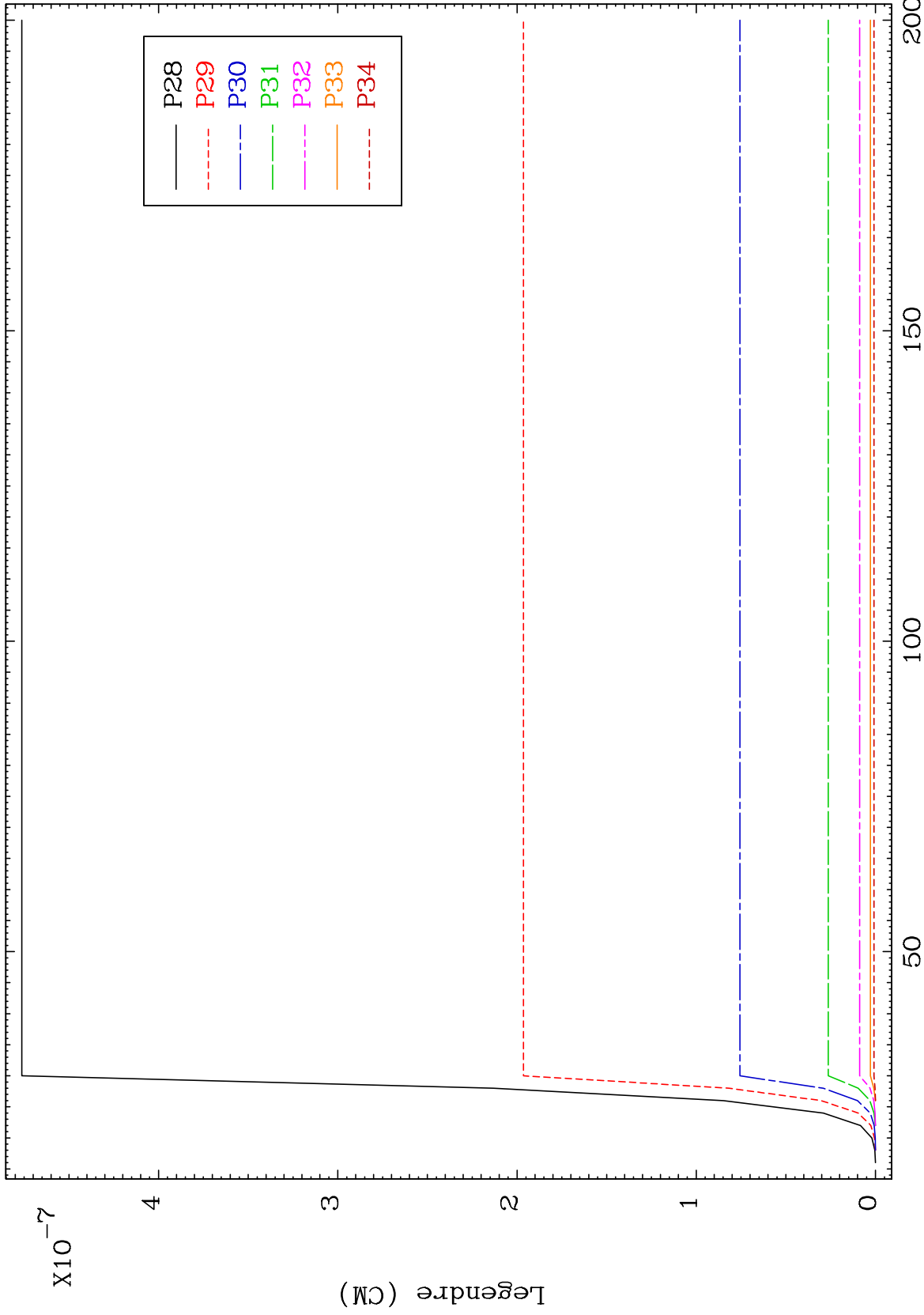
77 61-Pm-127

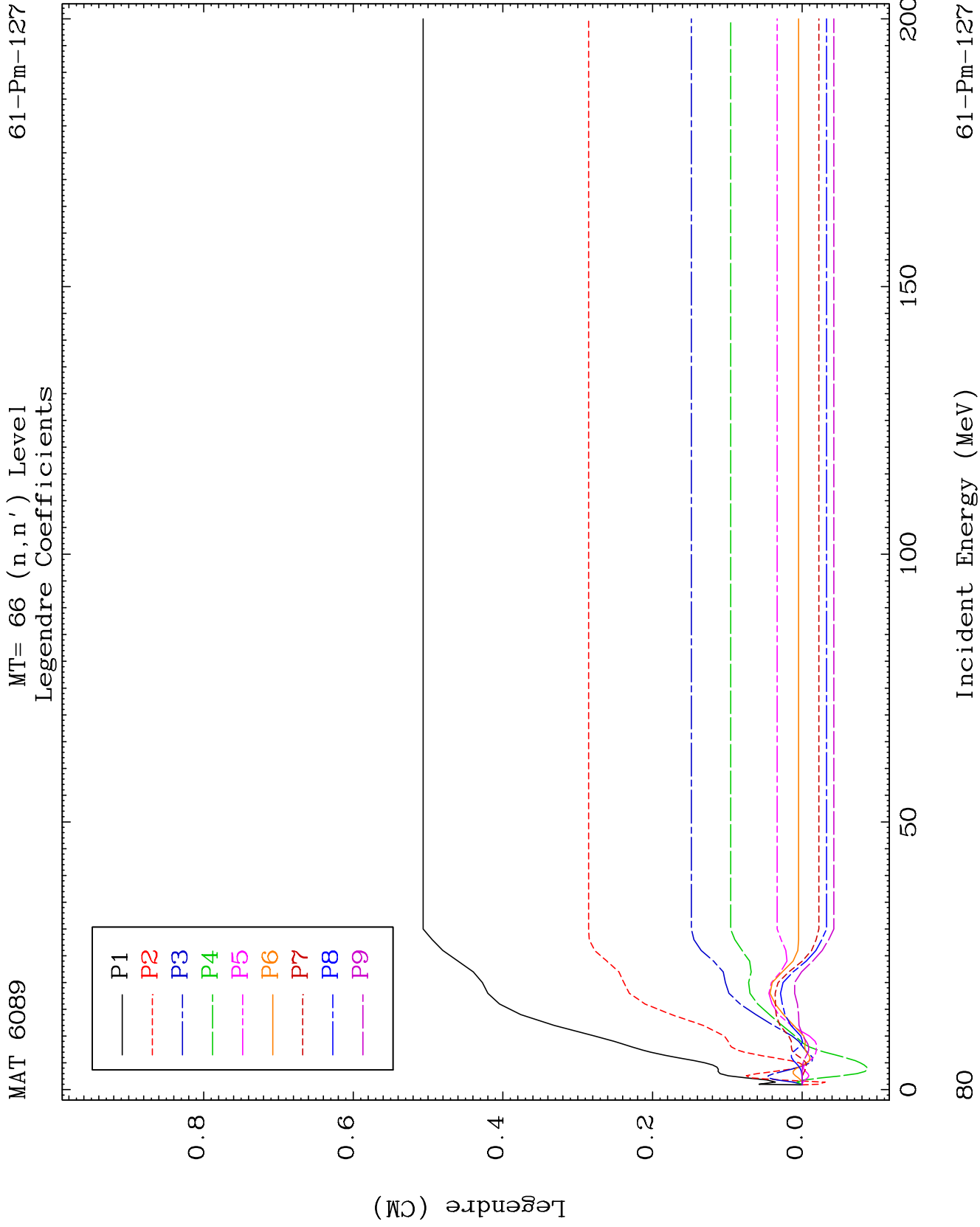


MAT 6089

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

61-Pm-127

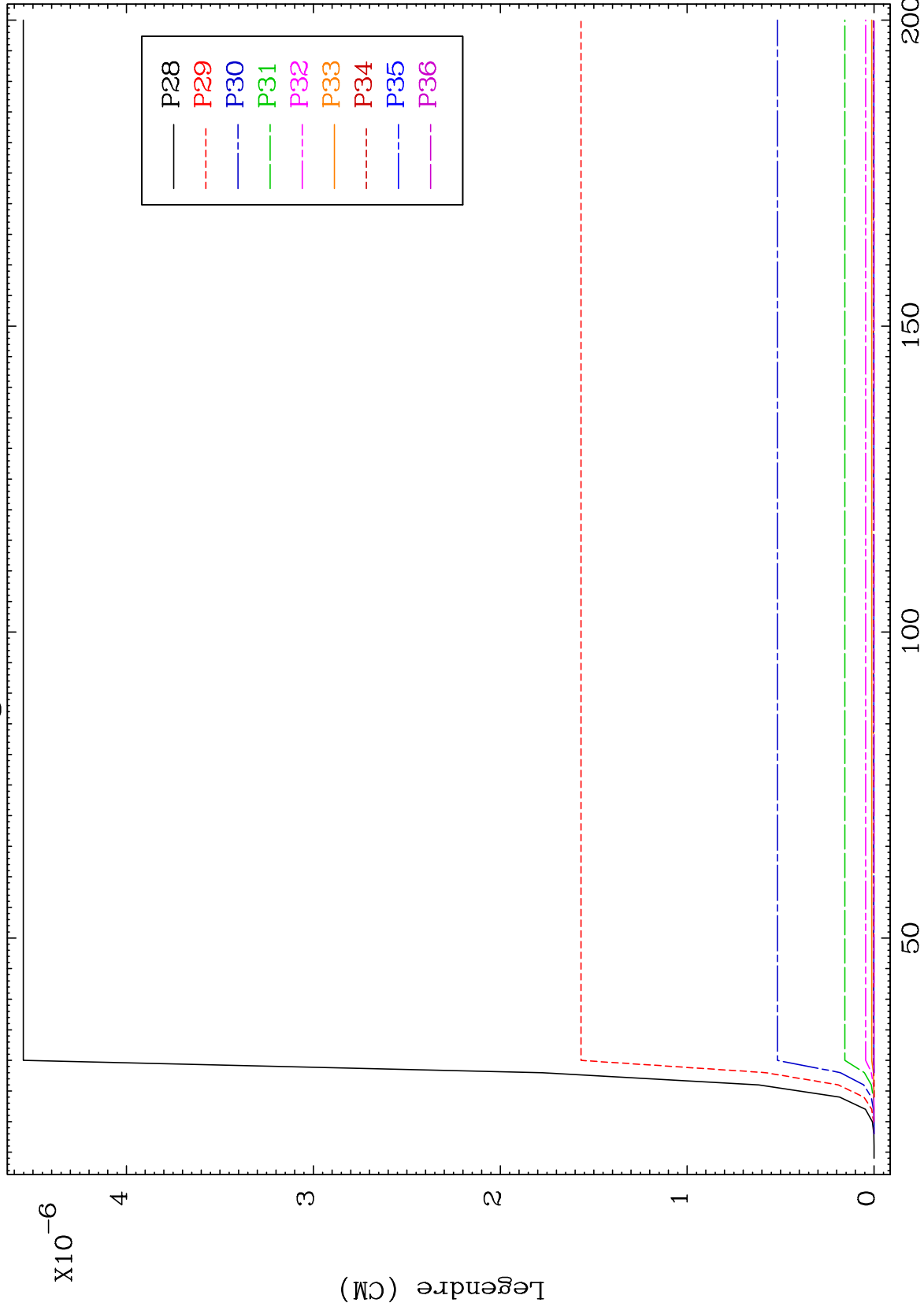




MAT 6089

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

61-Pm-127



83

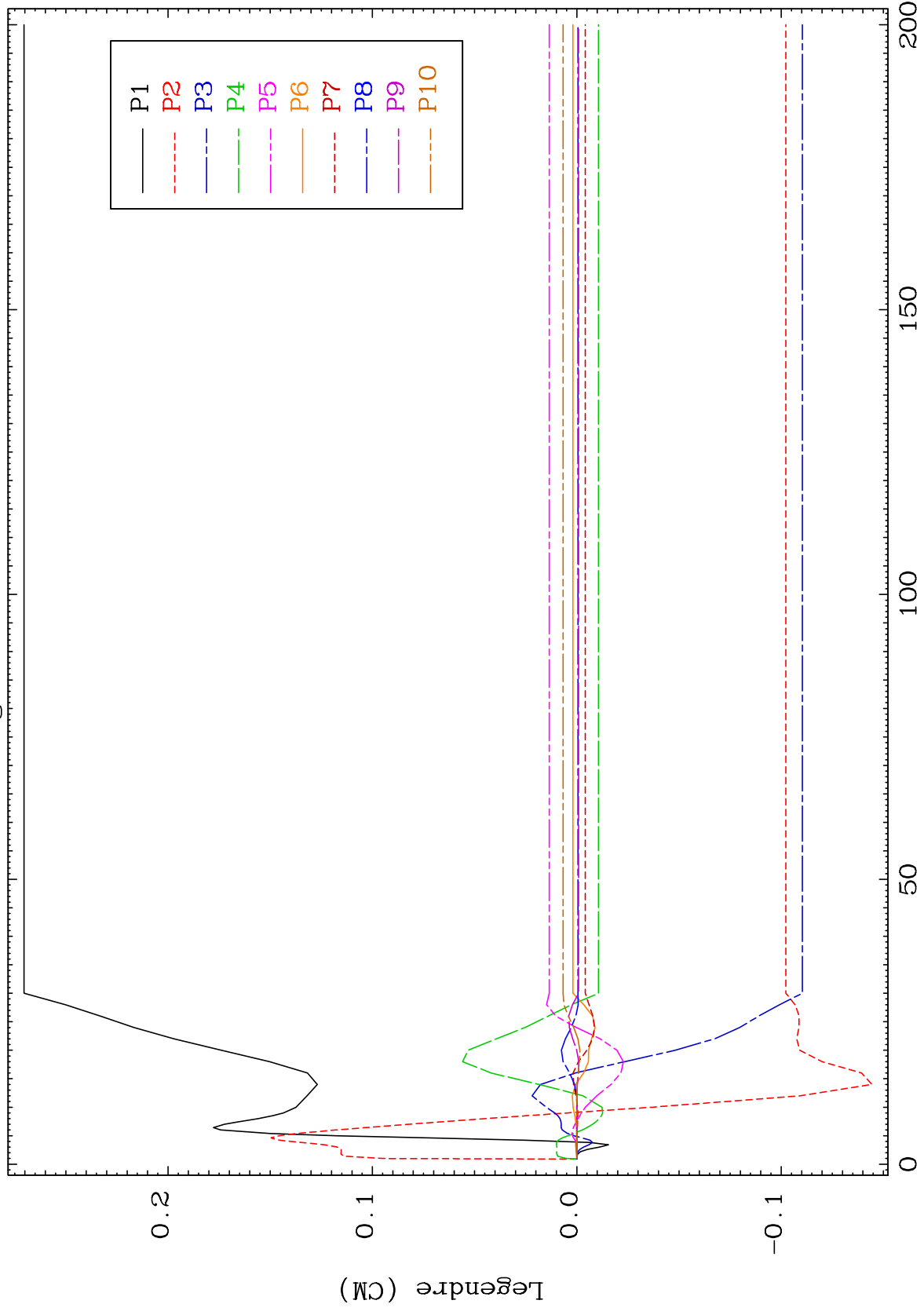
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



84

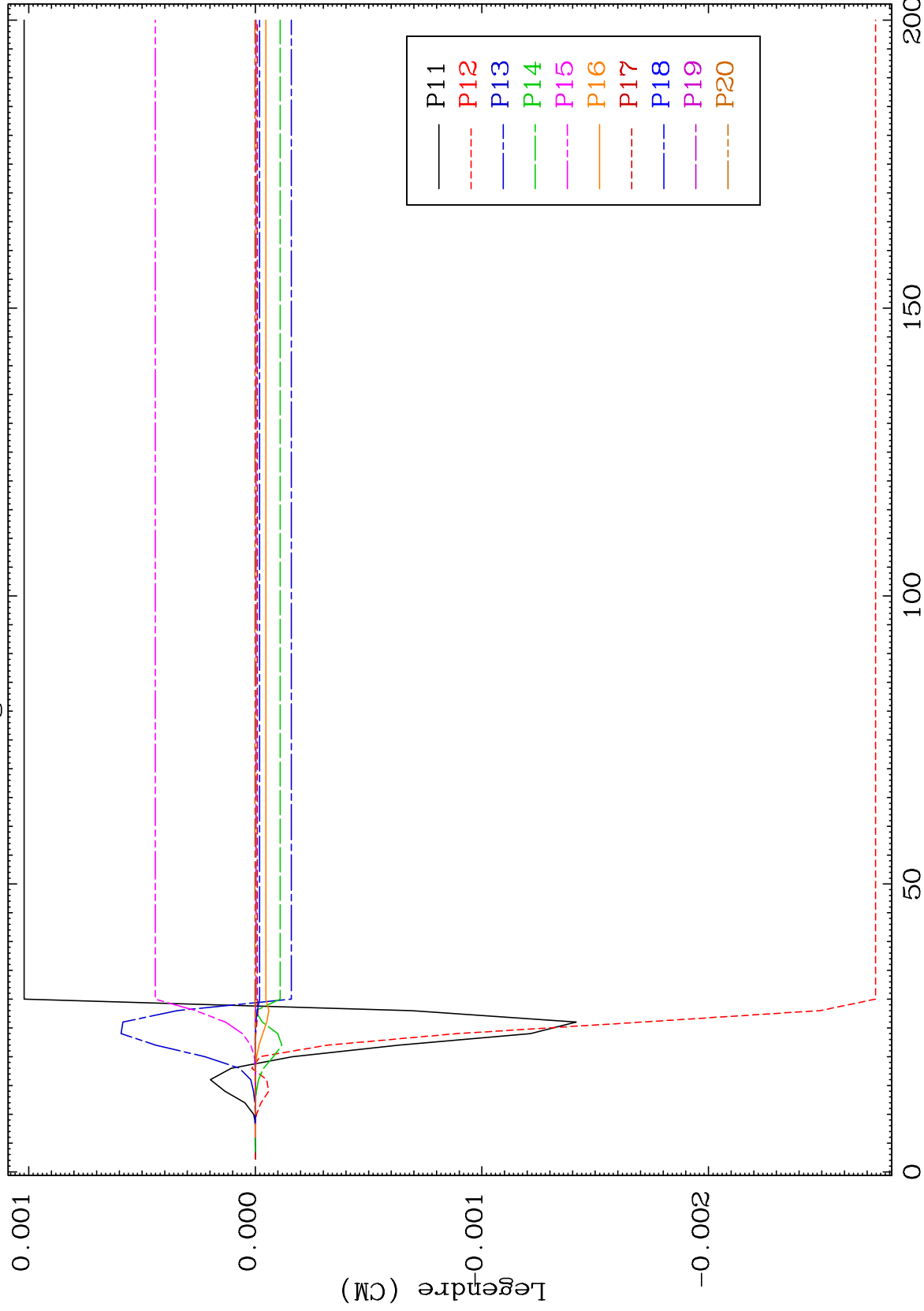
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



85

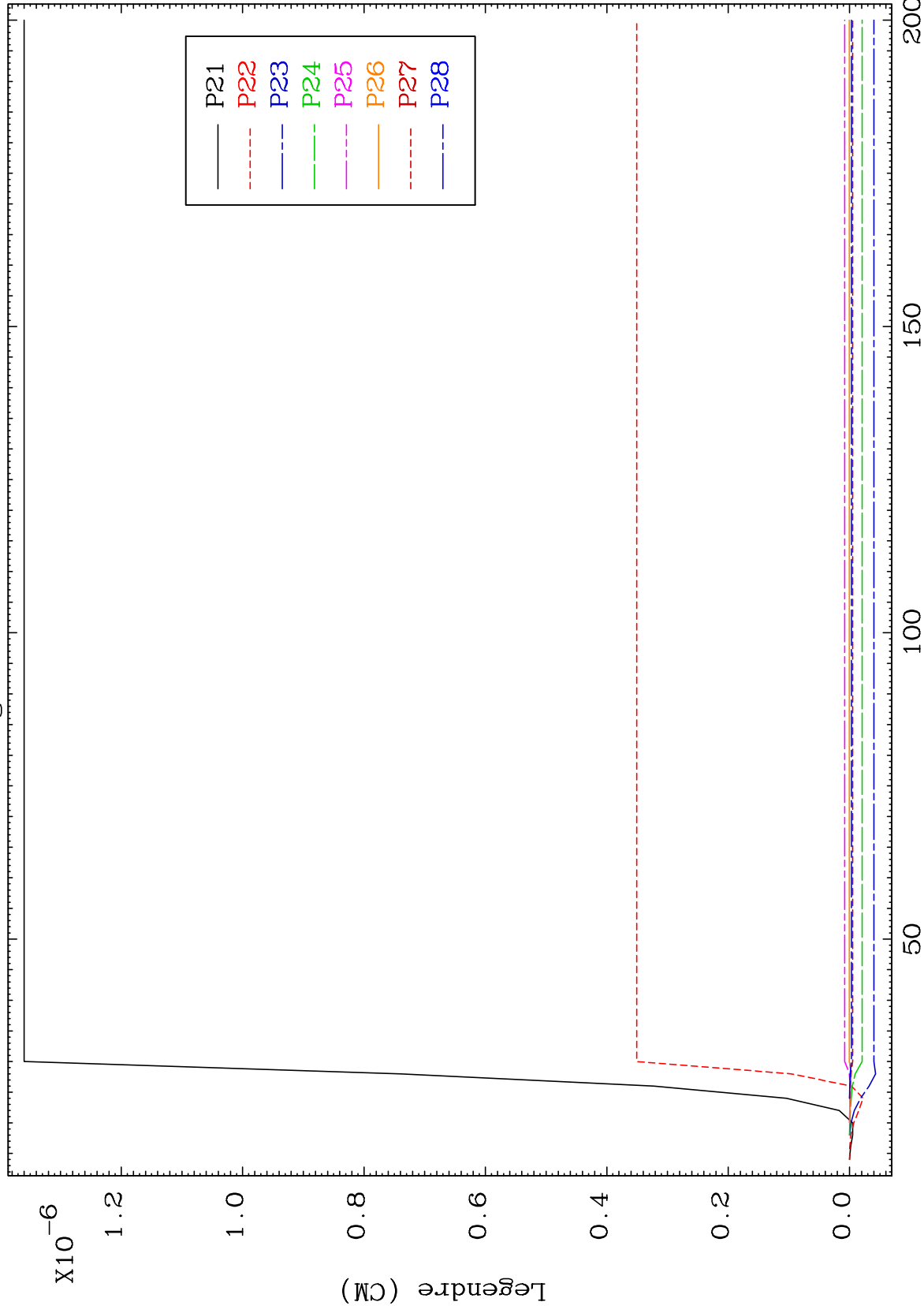
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



86

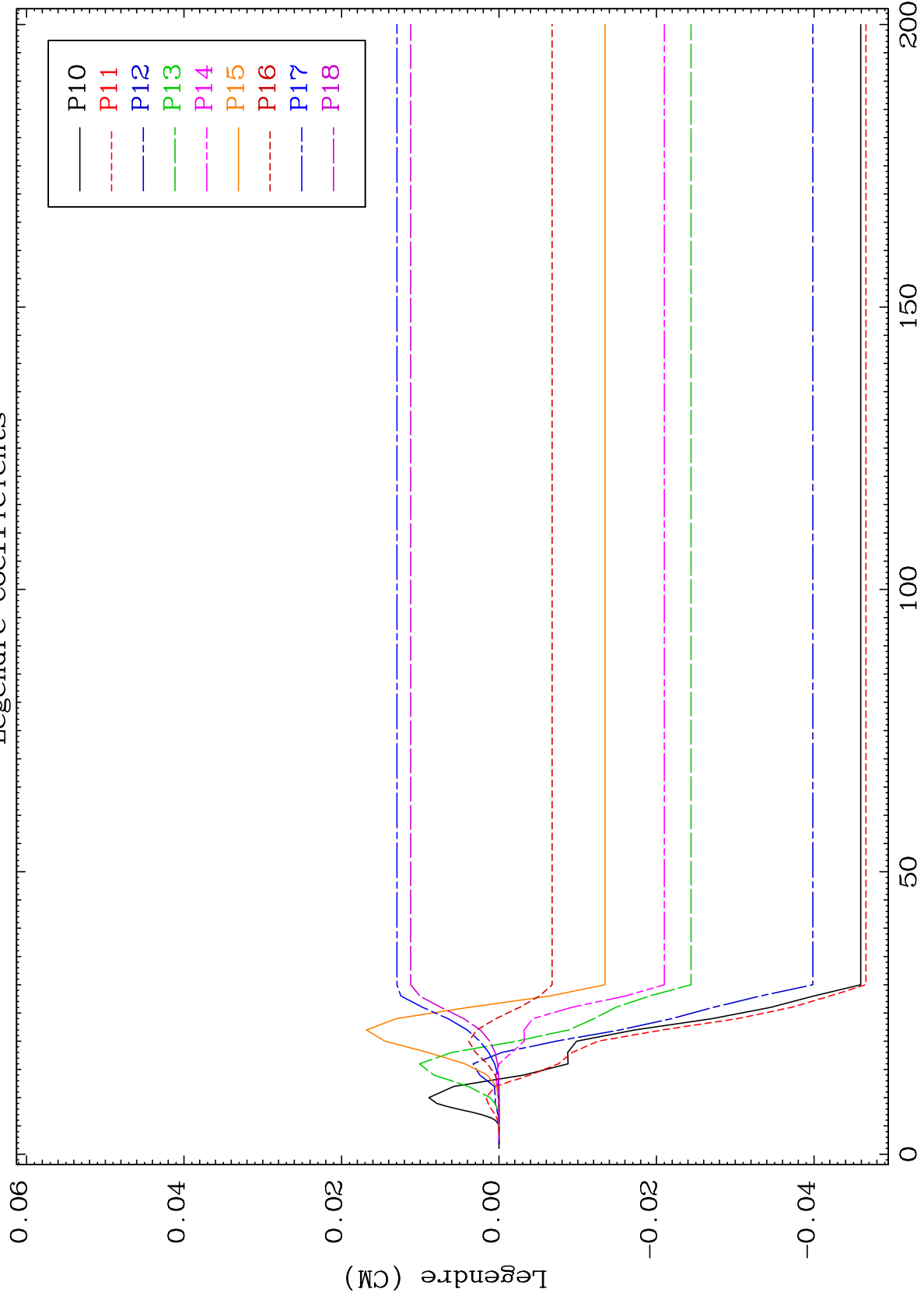
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

61-Pm-127



88

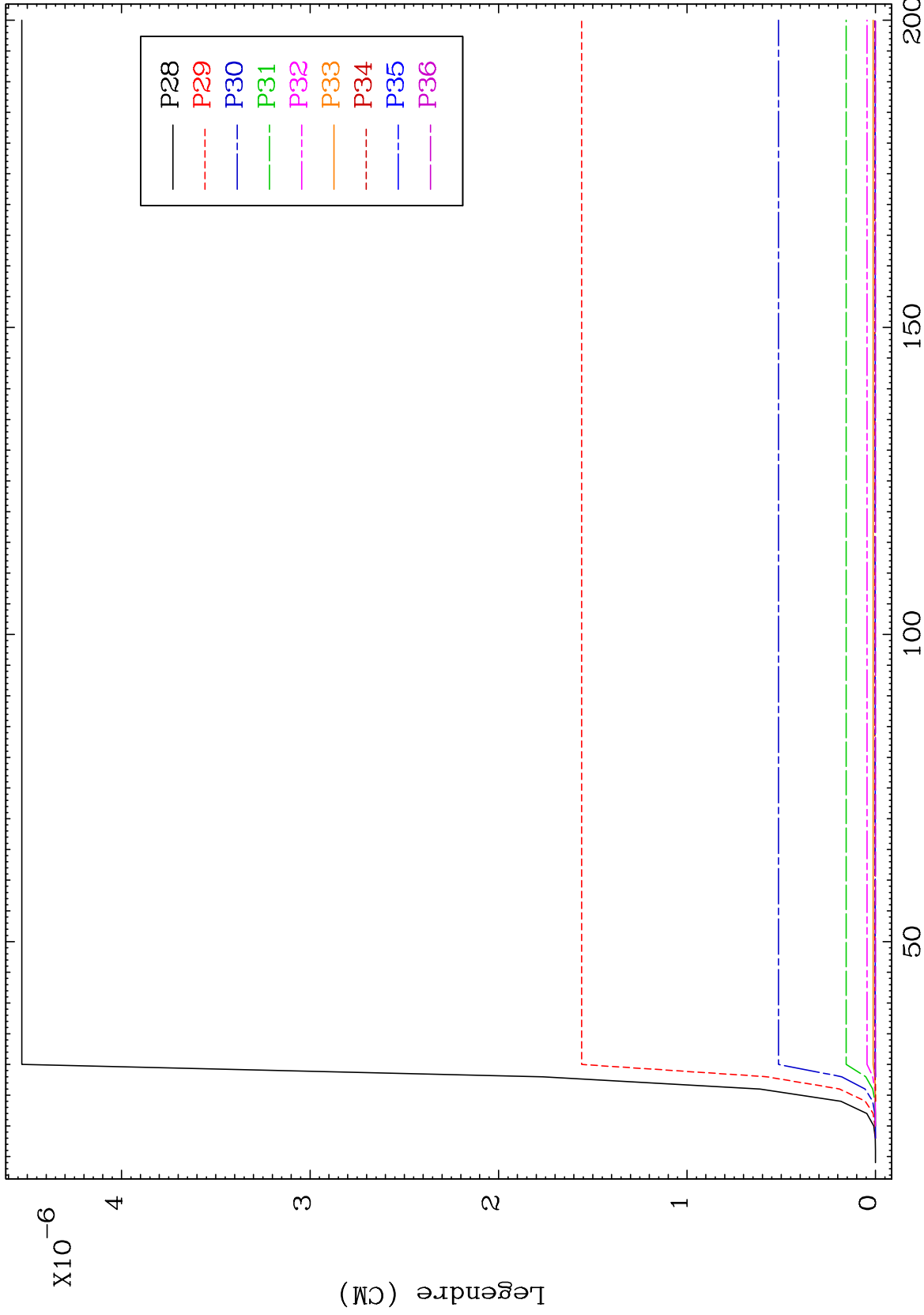
Incident Energy (MeV)

61-Pm-127

MAT 6089

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

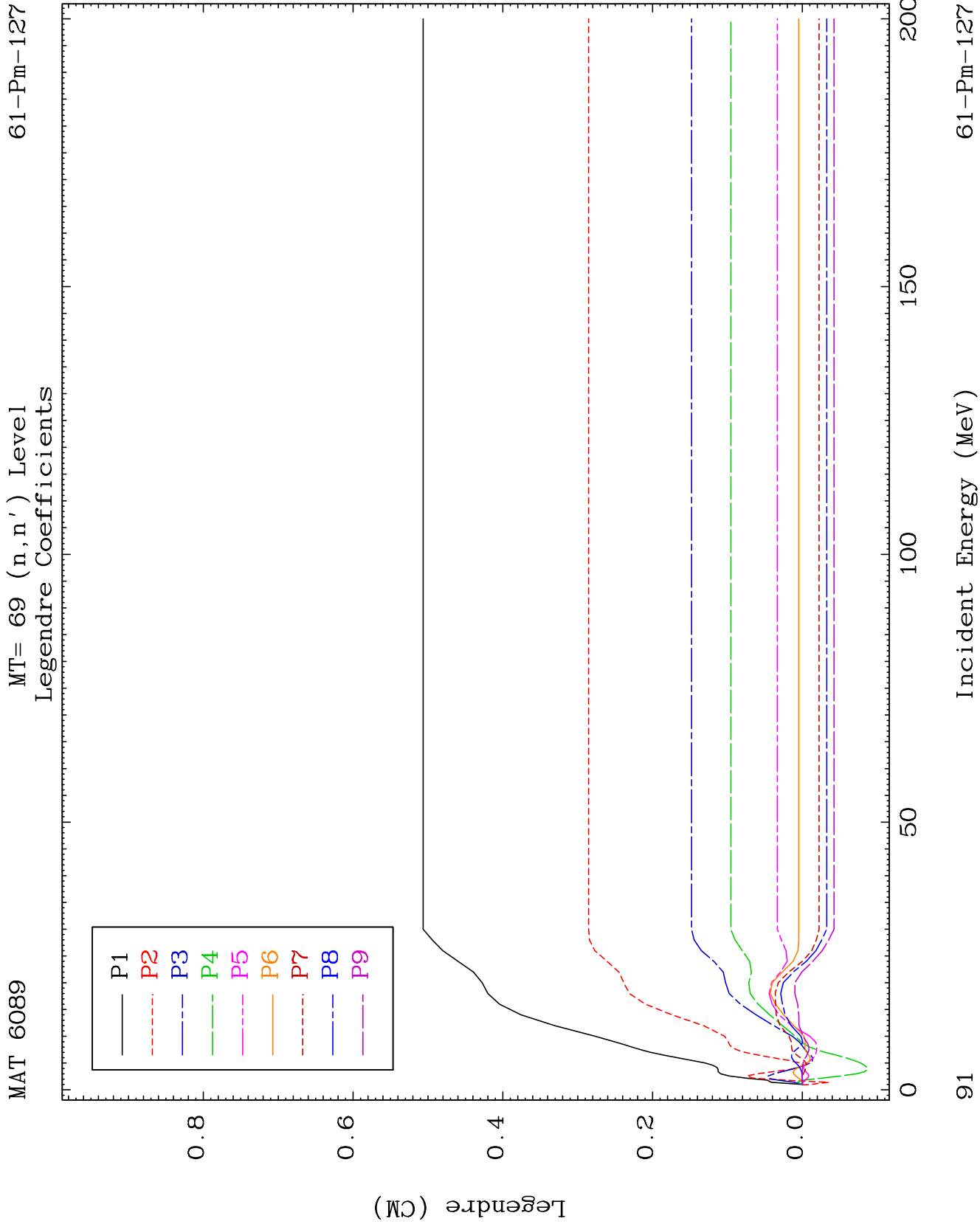
61-Pm-127



90

Incident Energy (MeV)

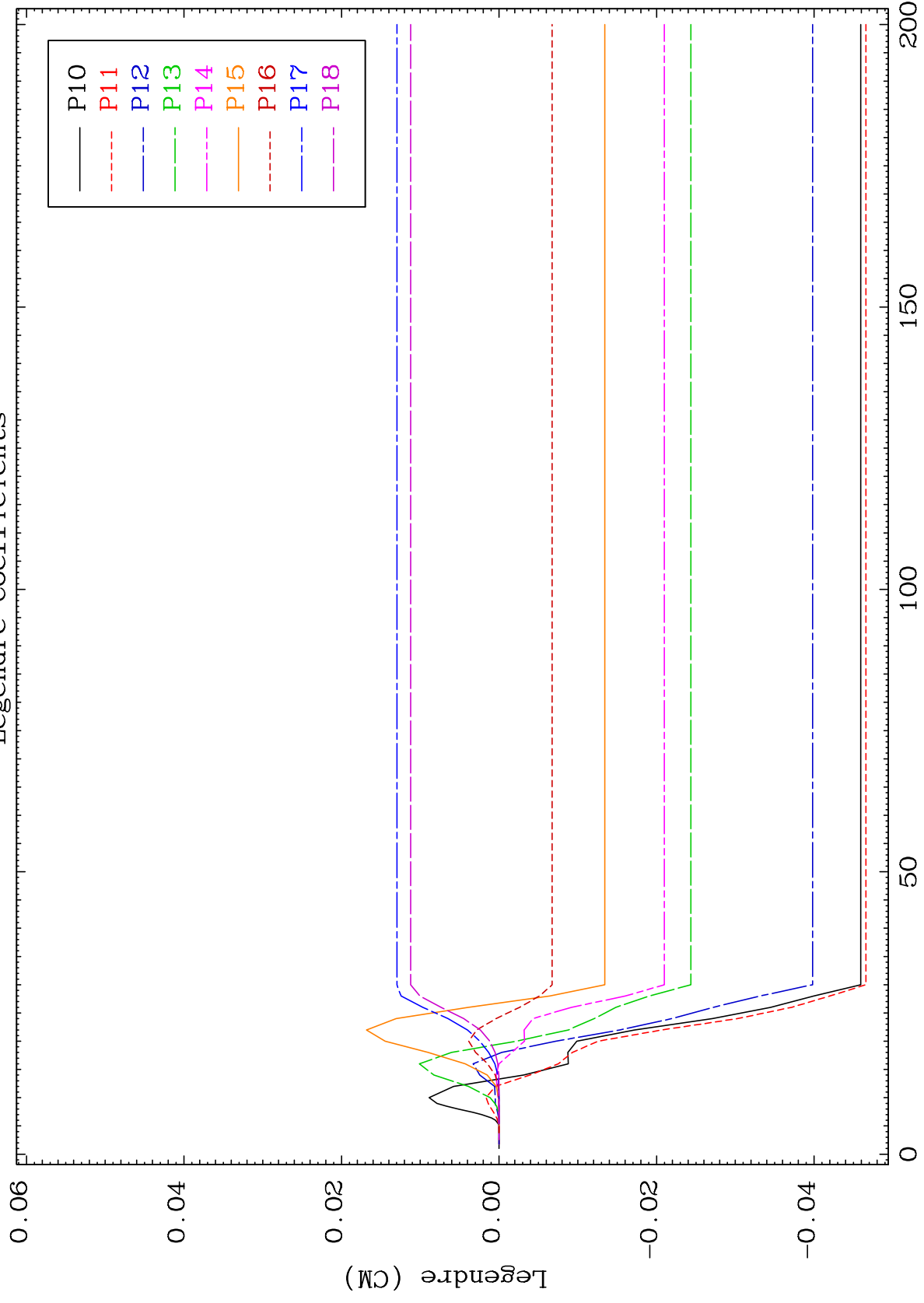
61-Pm-127



MAT 6089

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

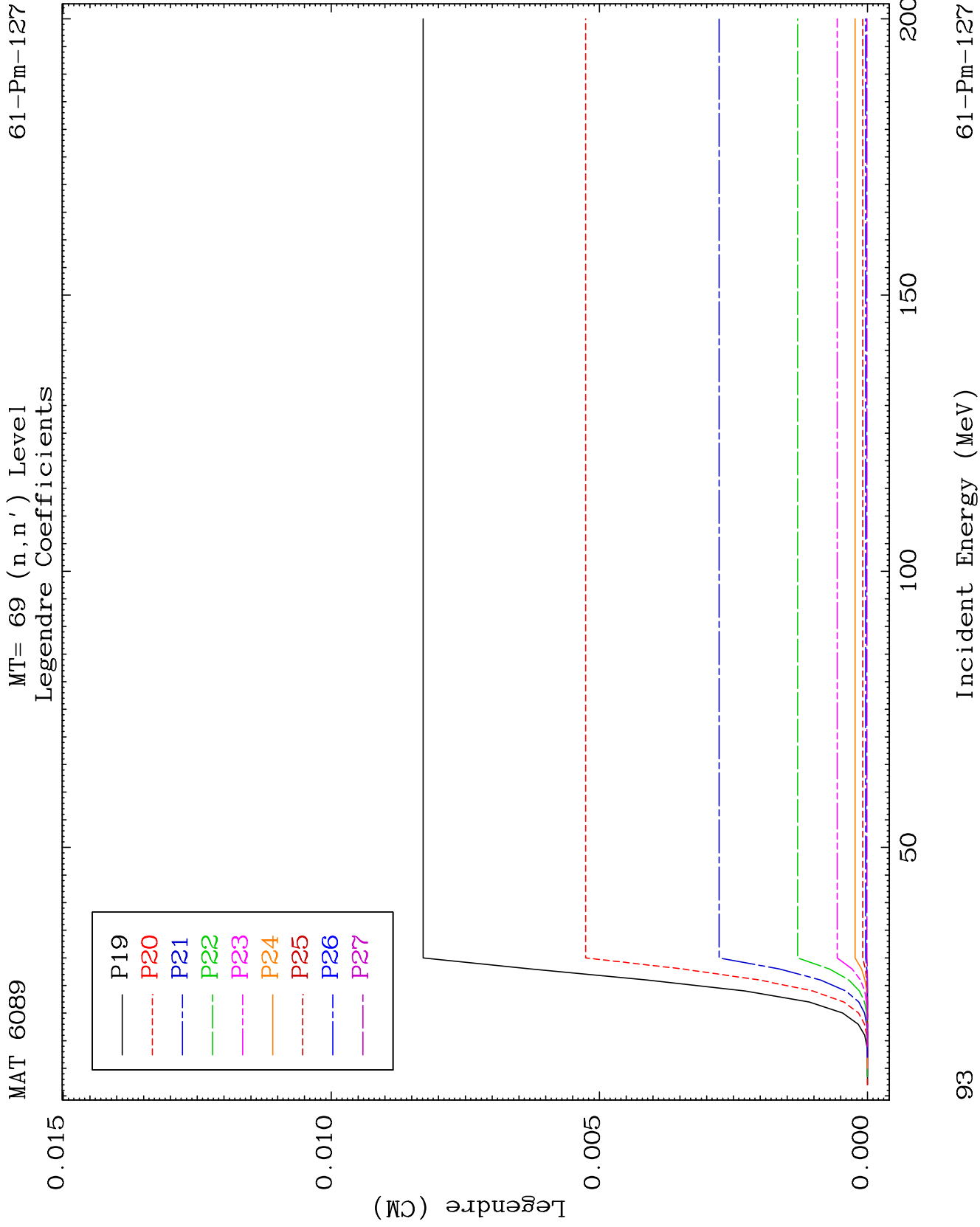
61-Pm-127

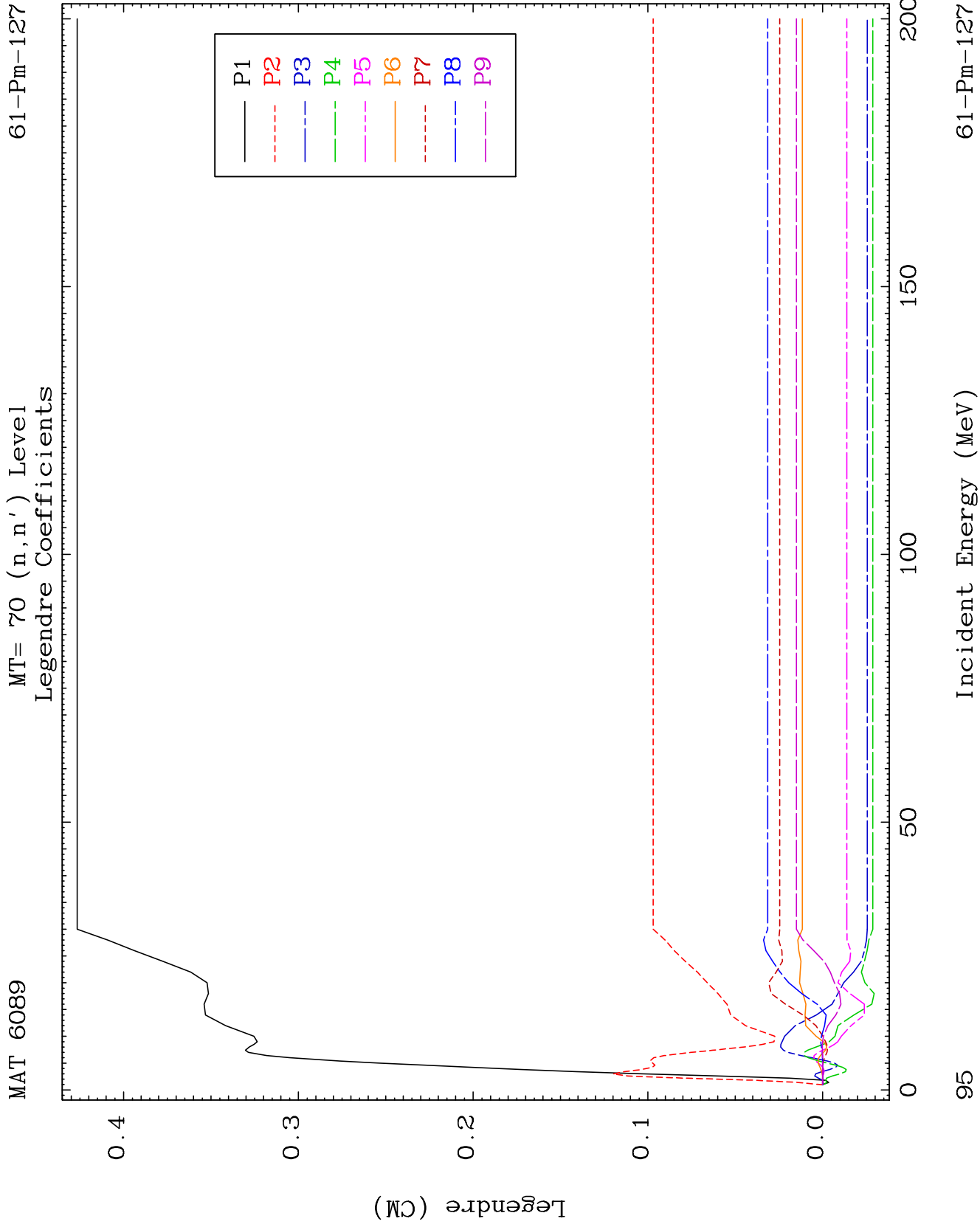


29

Incident Energy (MeV)

61-Pm-127

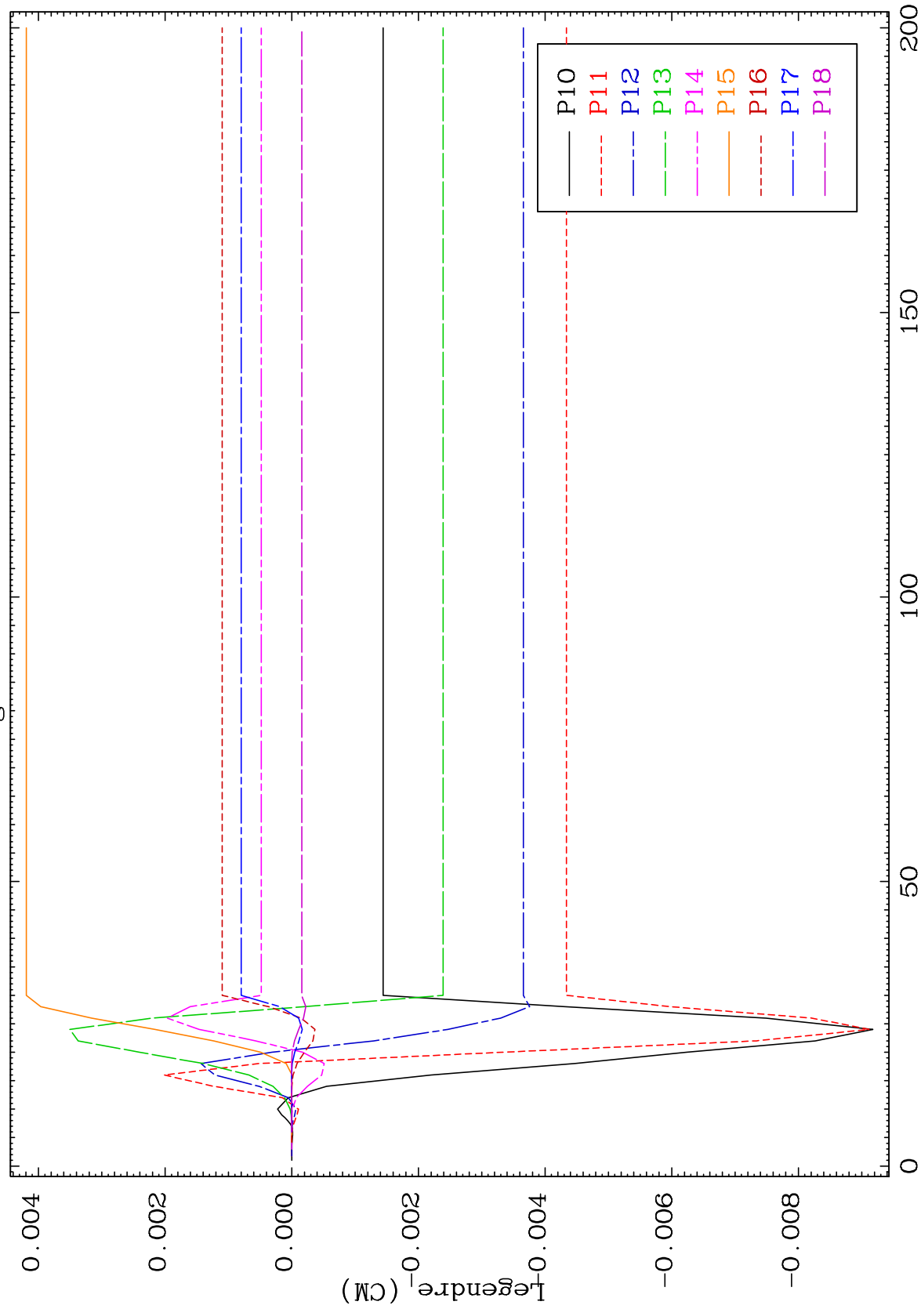




MAT 6089

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

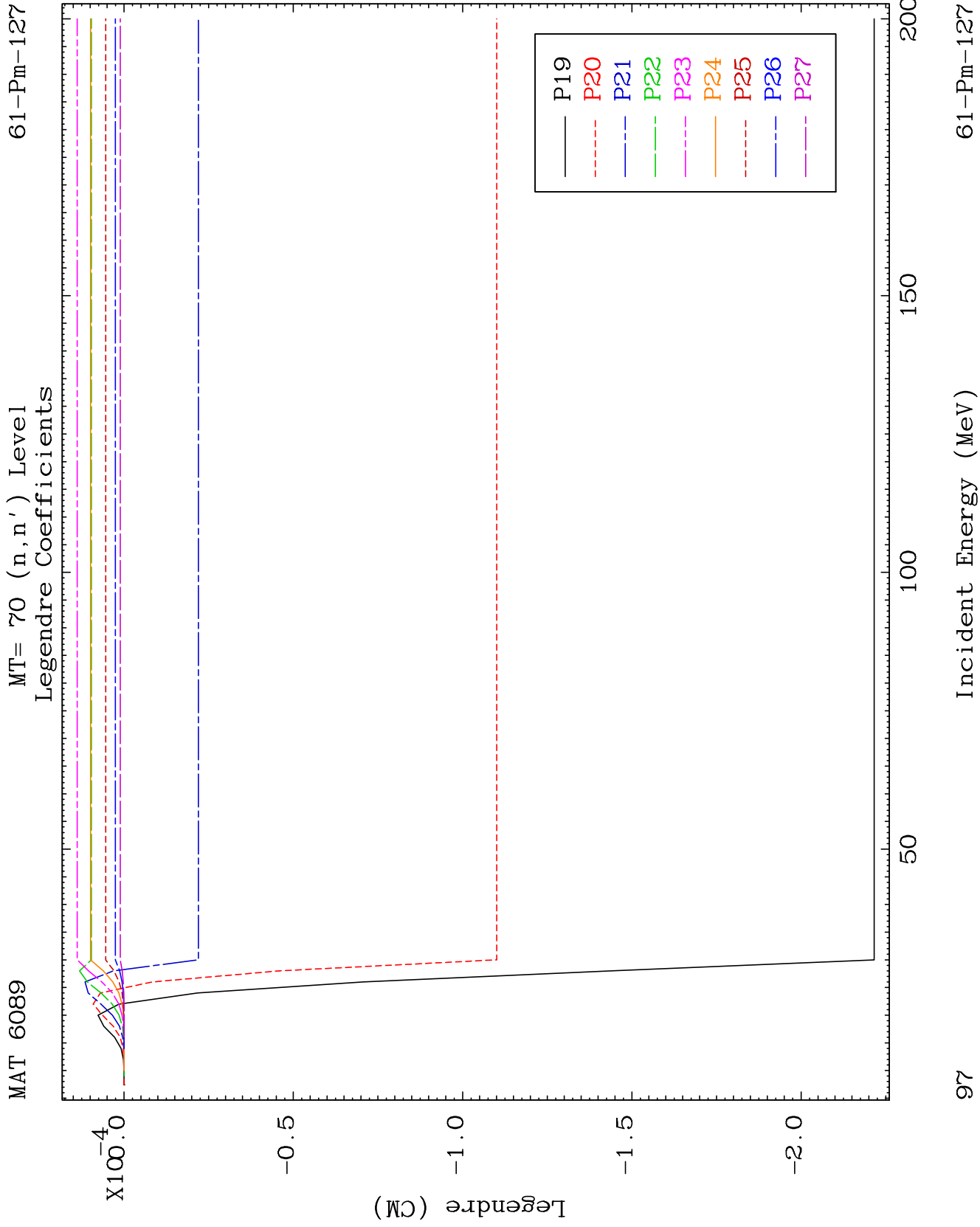
61-Pm-127



96

Incident Energy (MeV)

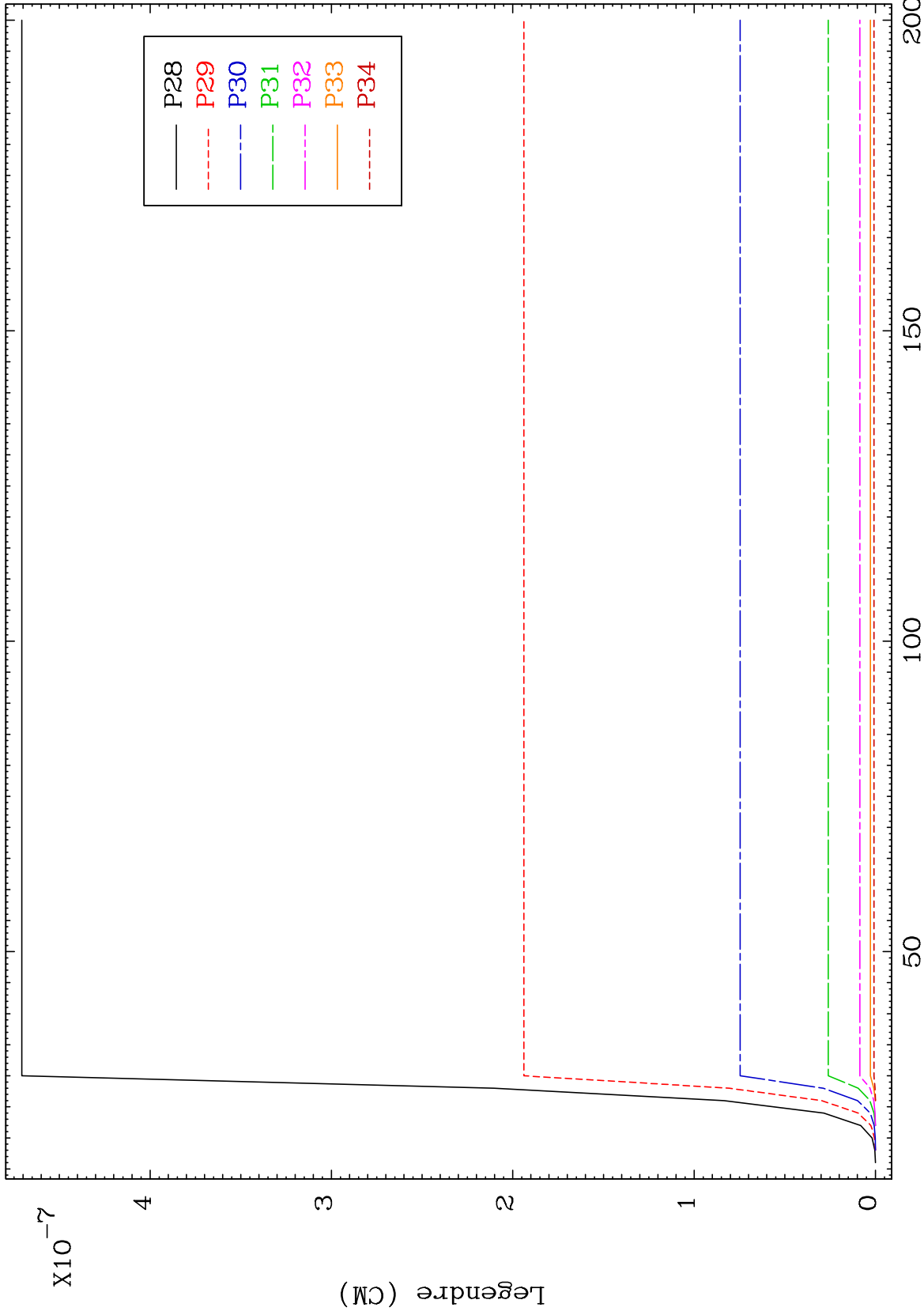
61-Pm-127



MAT 6089

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

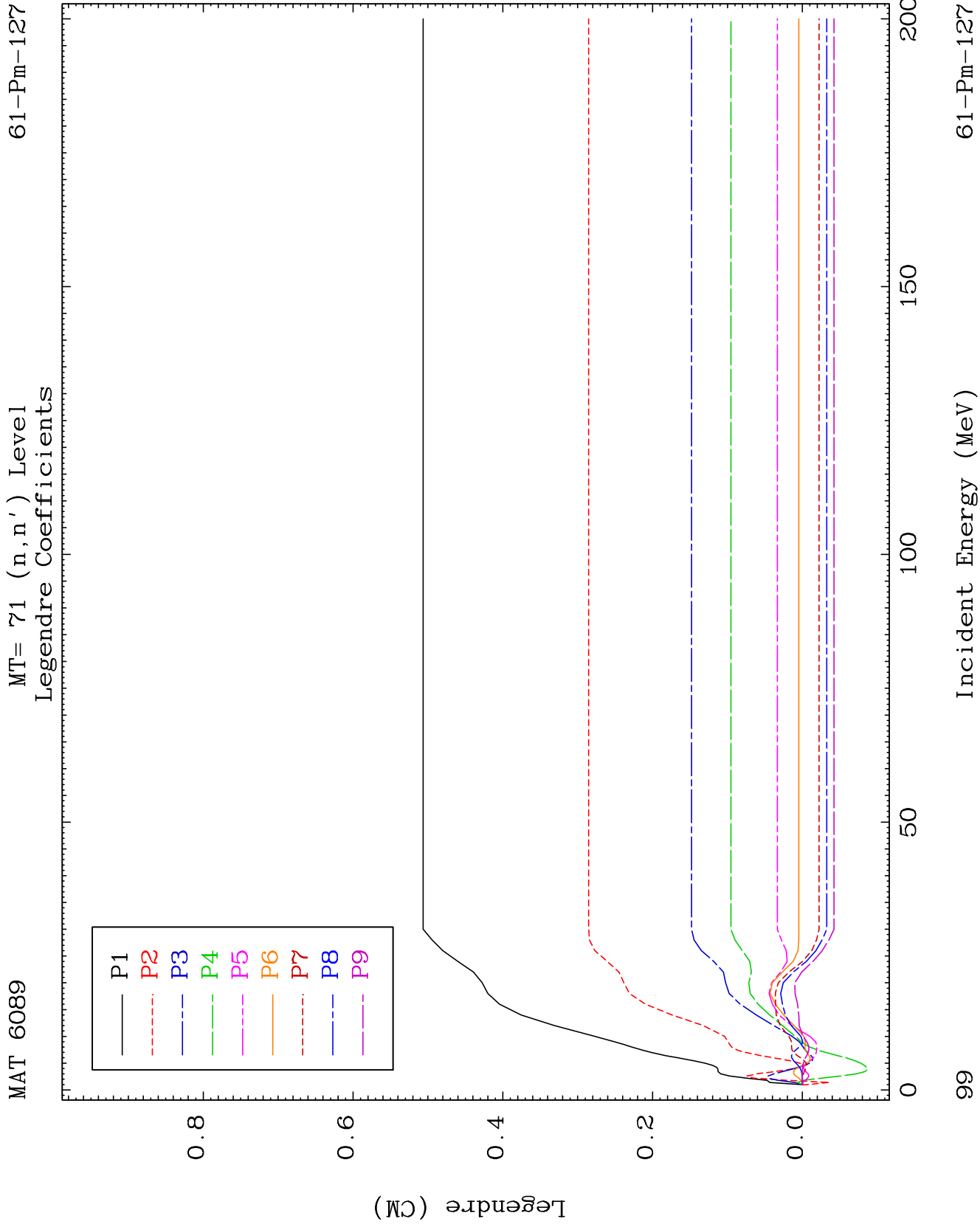
61-Pm-127

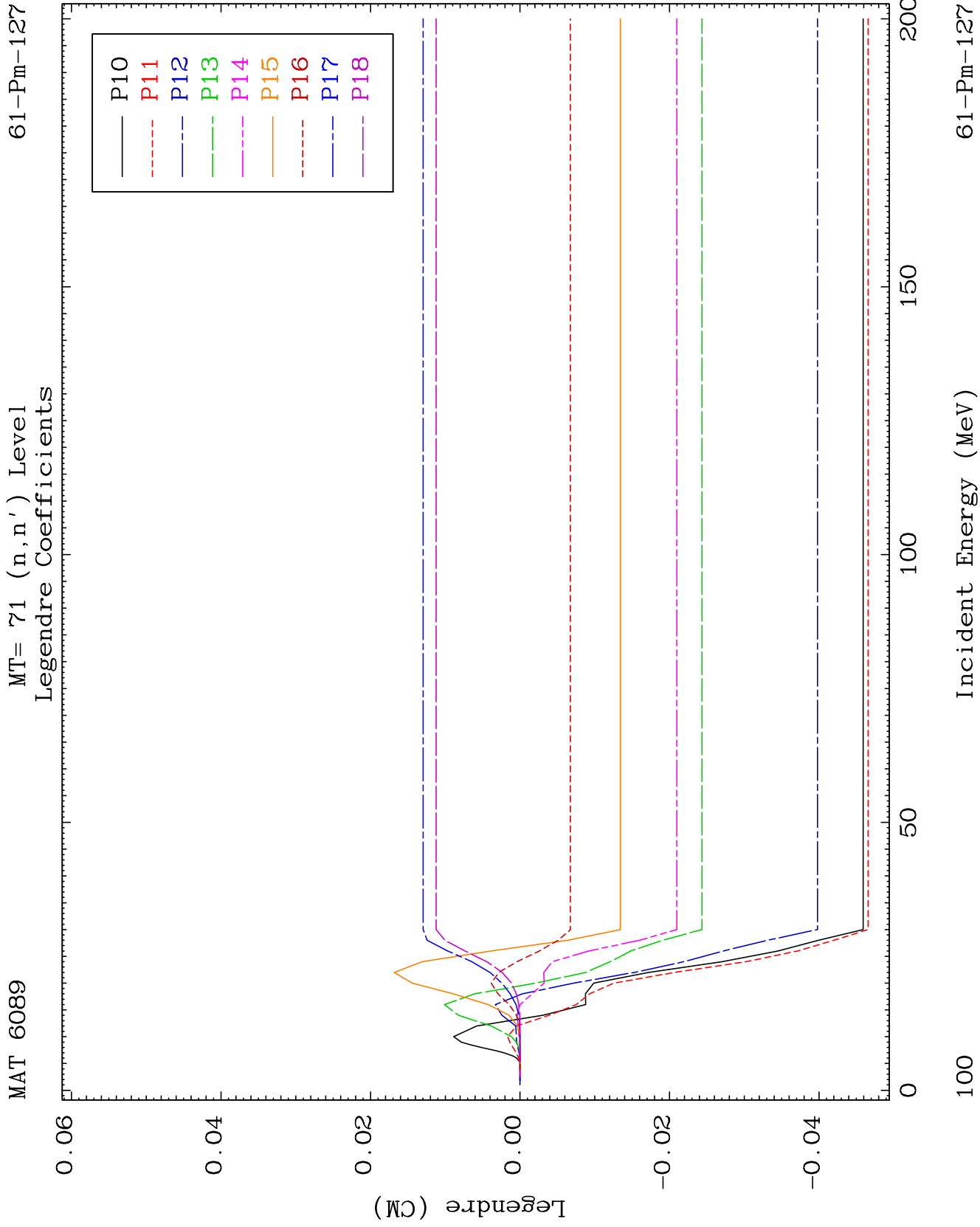


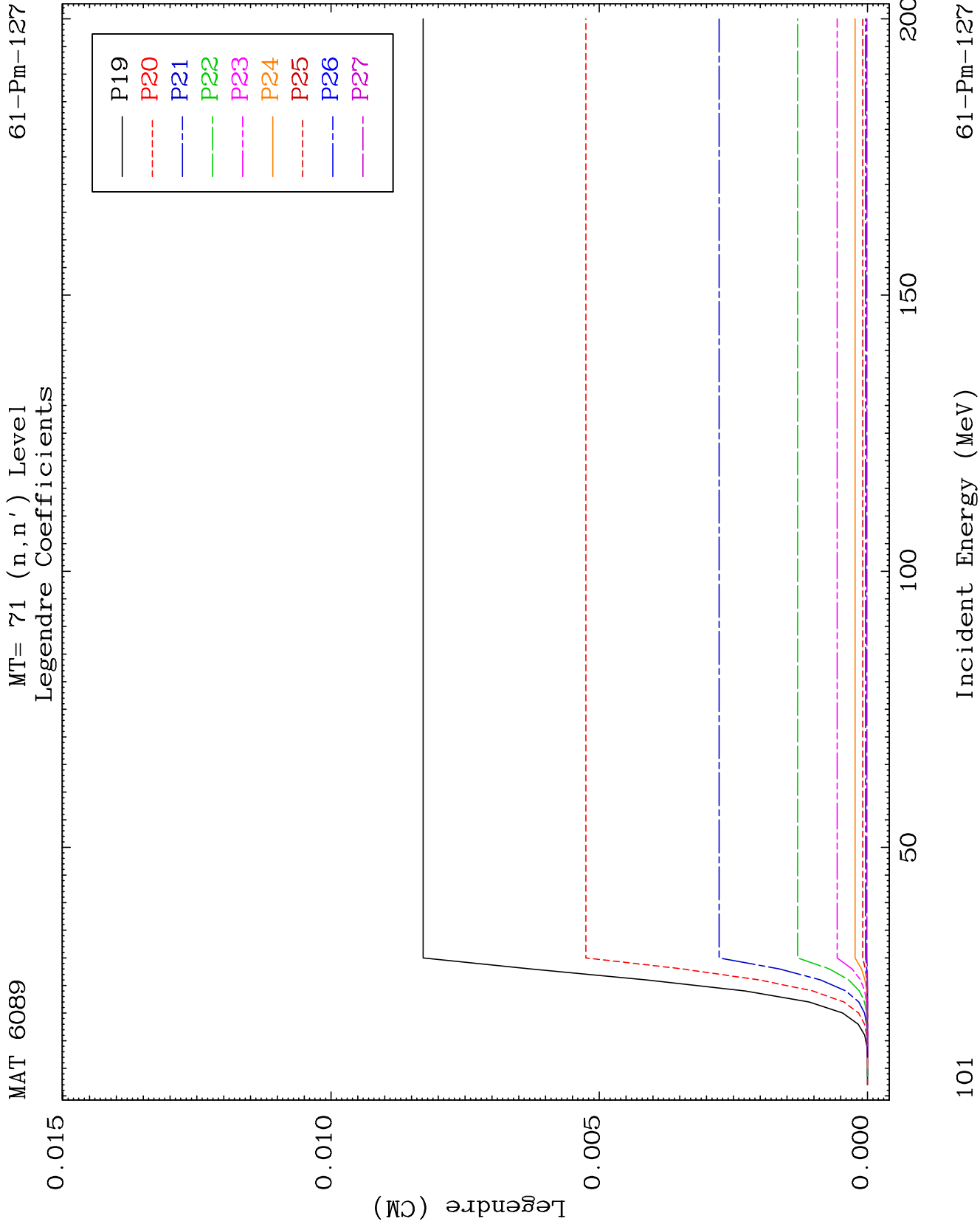
98

Incident Energy (MeV)

61-Pm-127



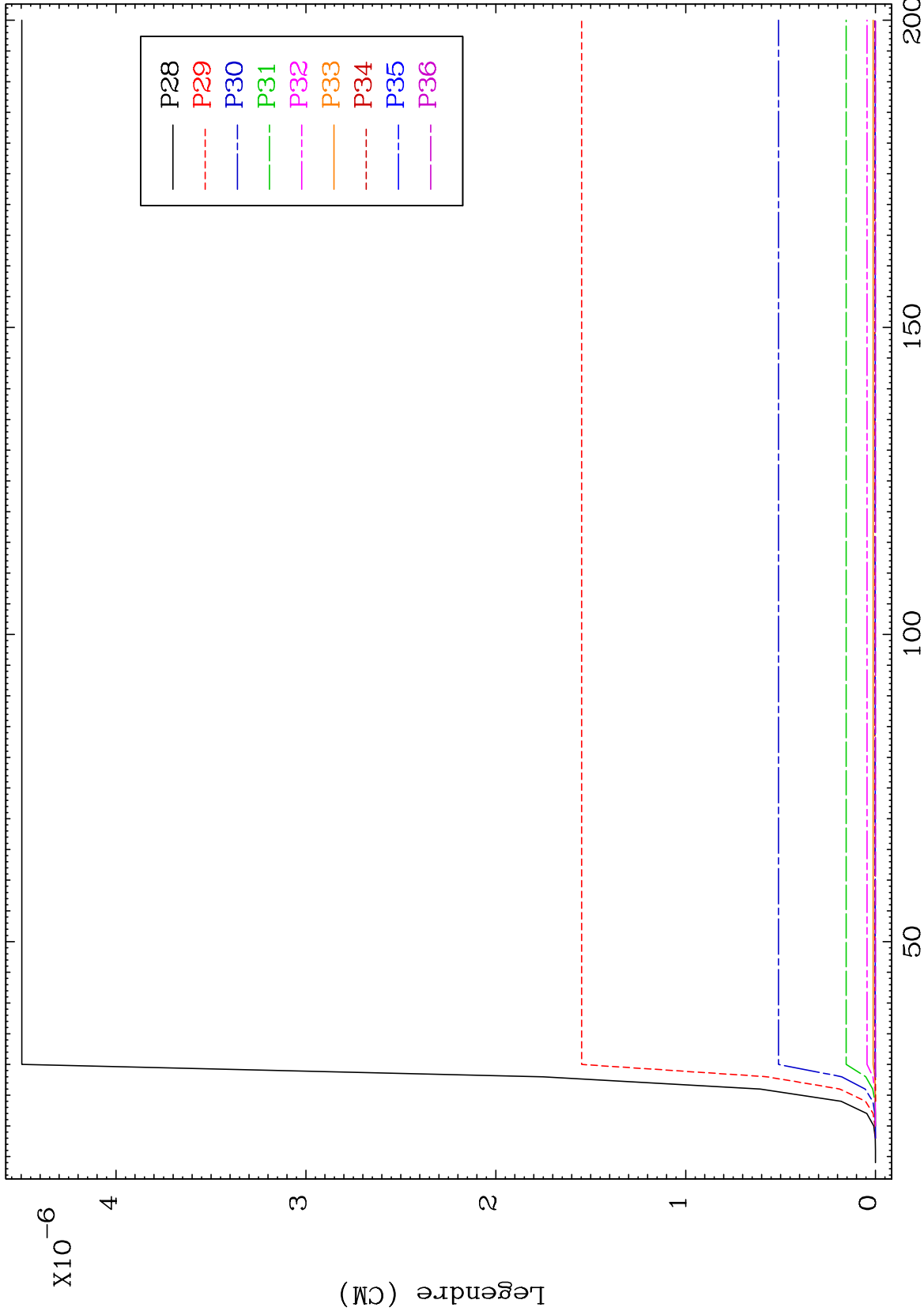




MAT 6089

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

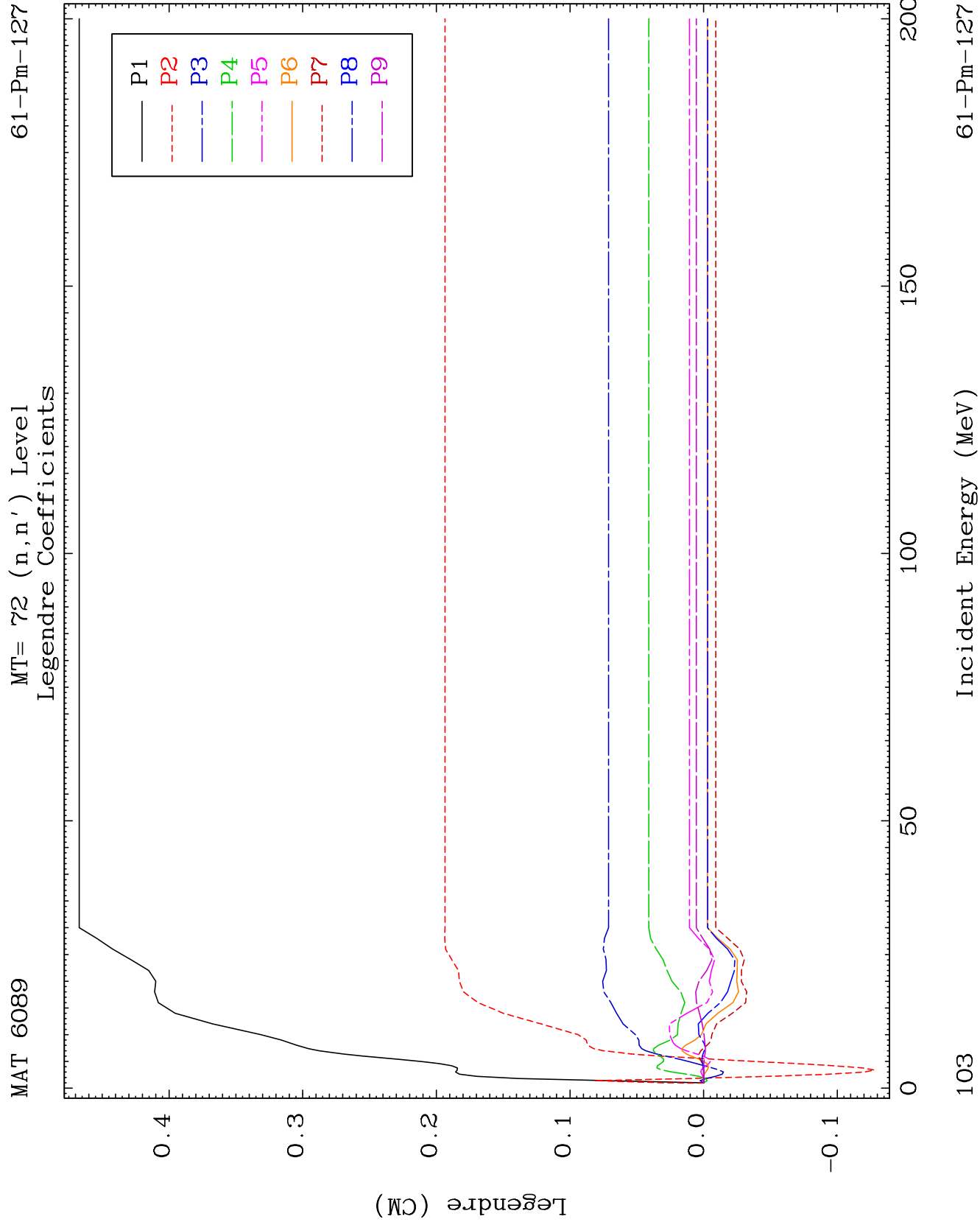
61-Pm-127

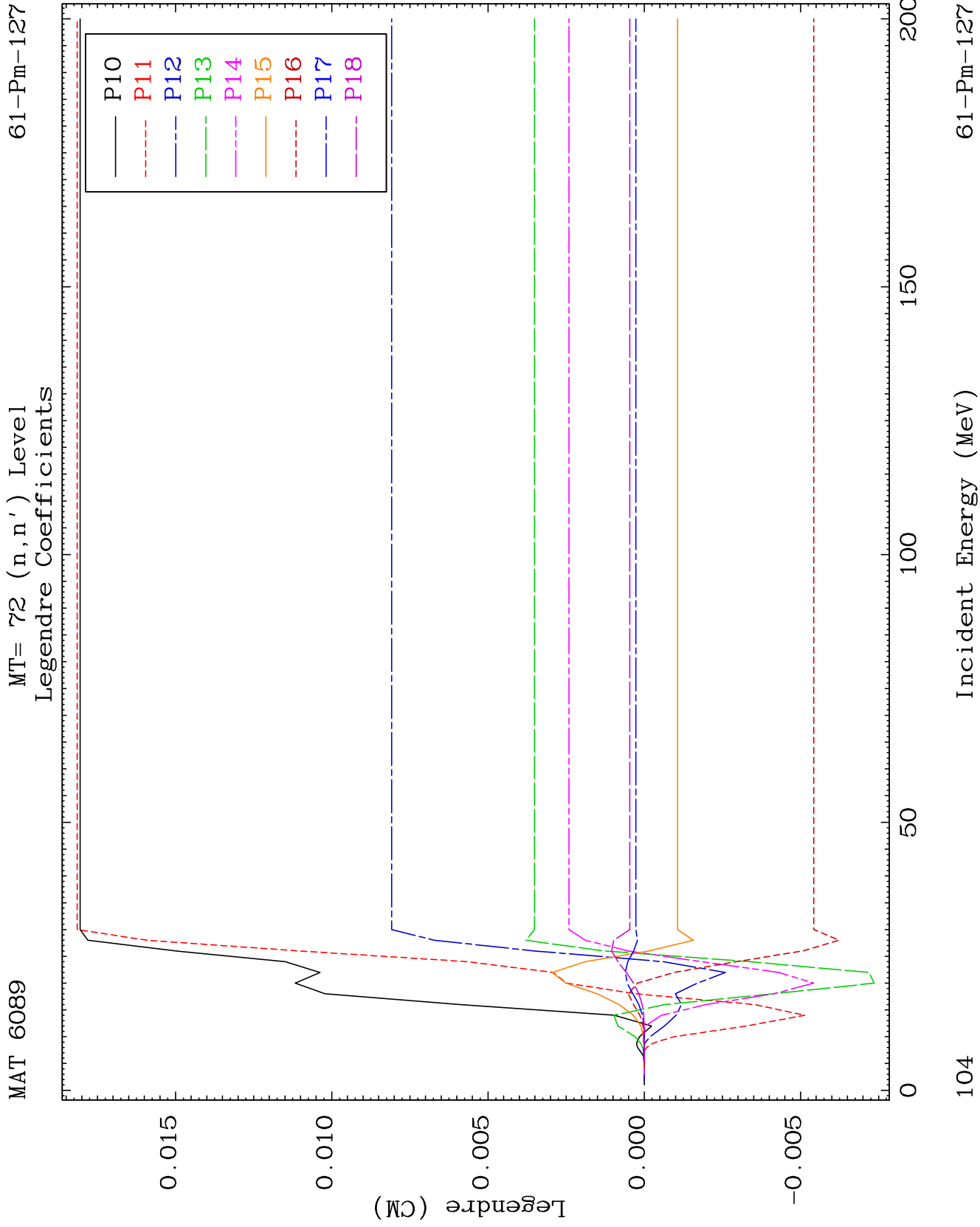


102

Incident Energy (MeV)

61-Pm-127

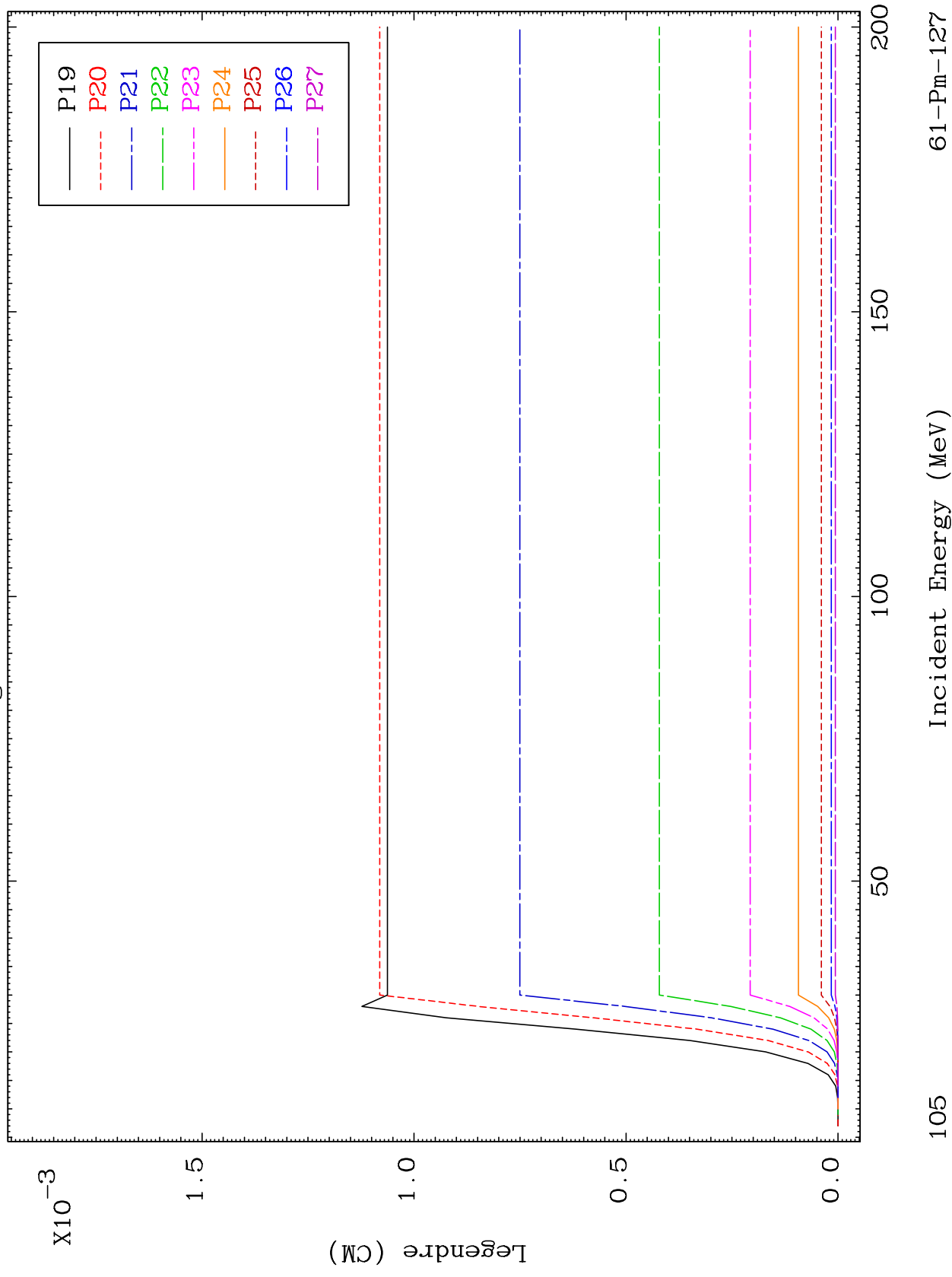


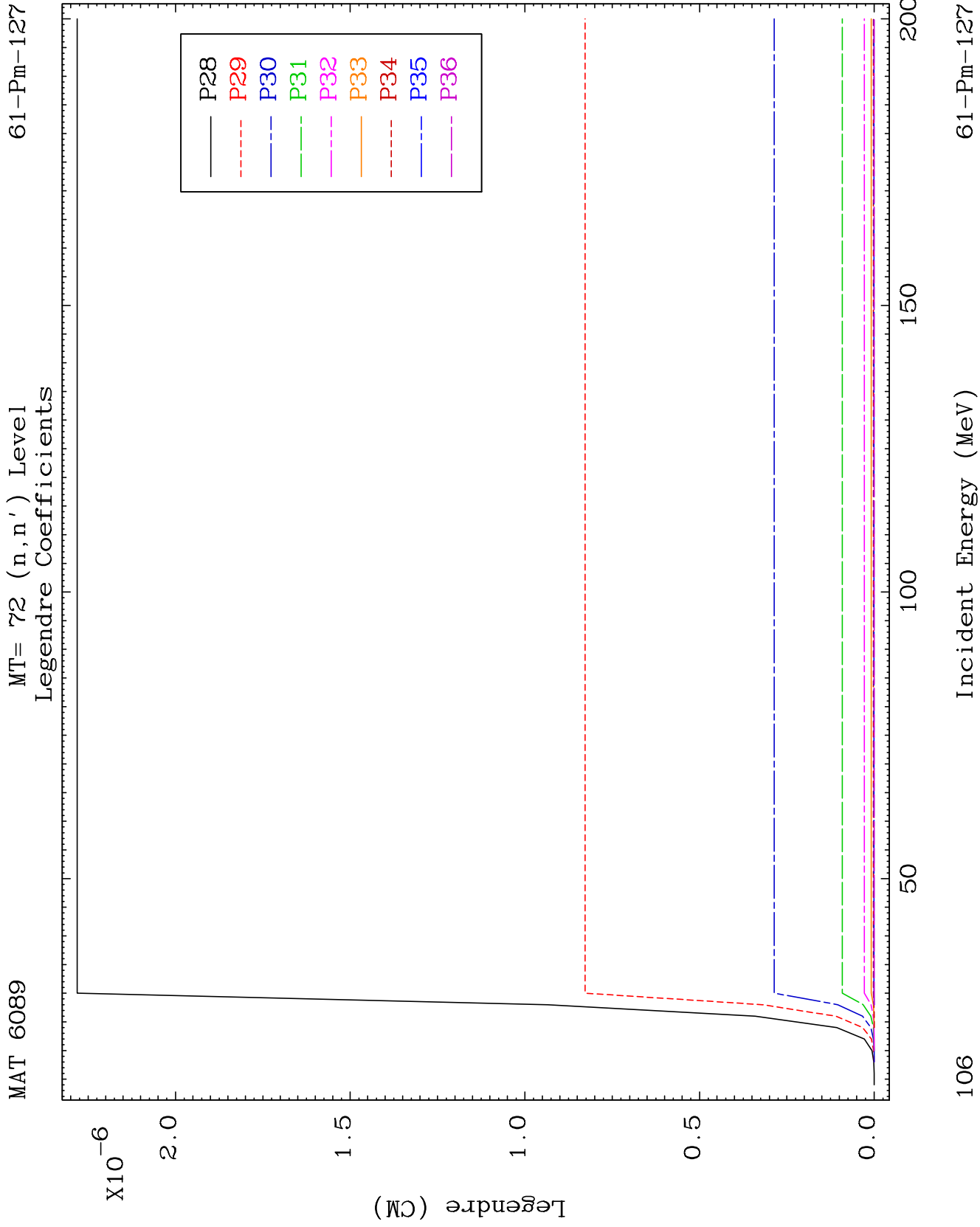


MAT 6089

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

61-Pm-127

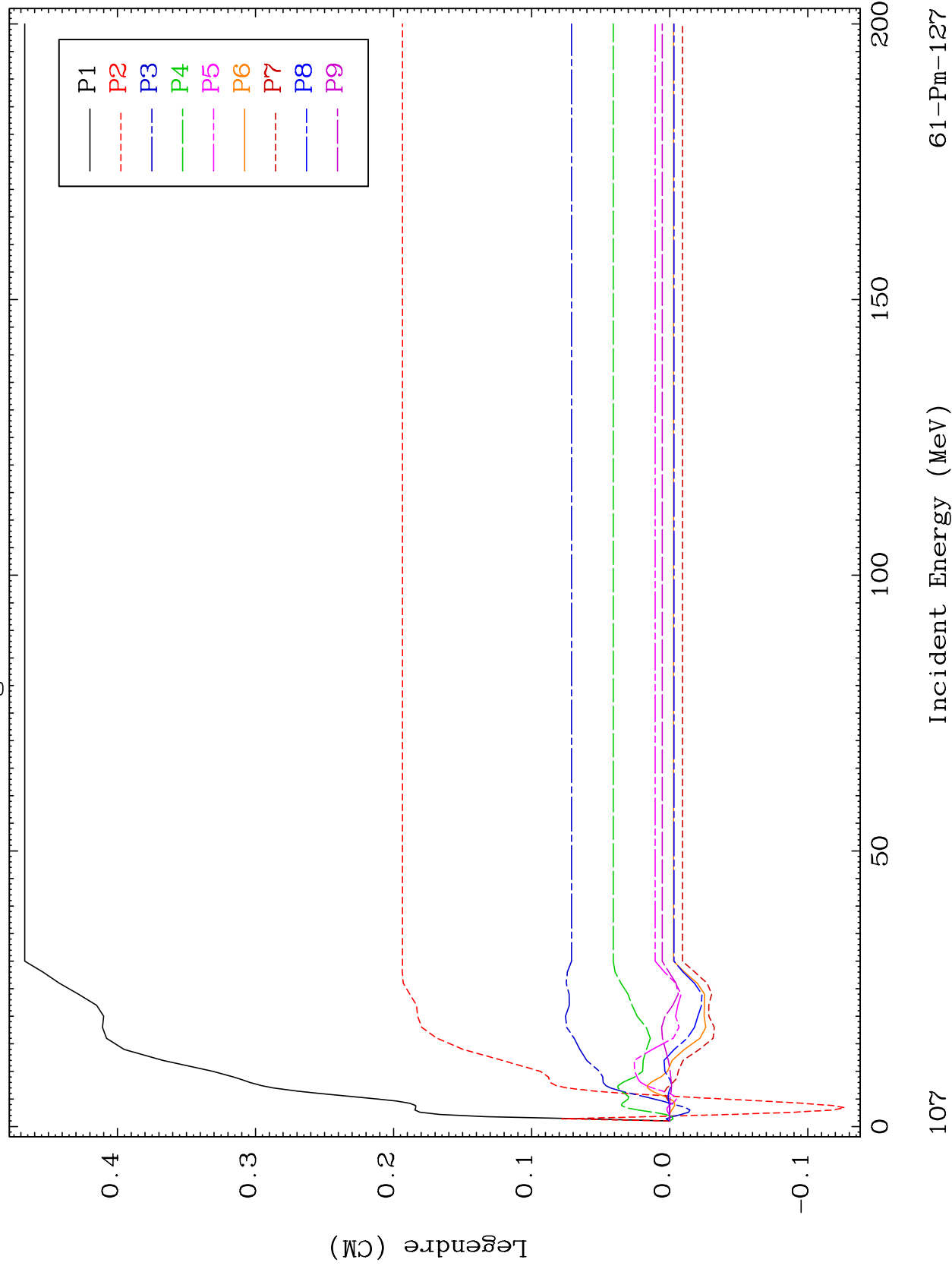


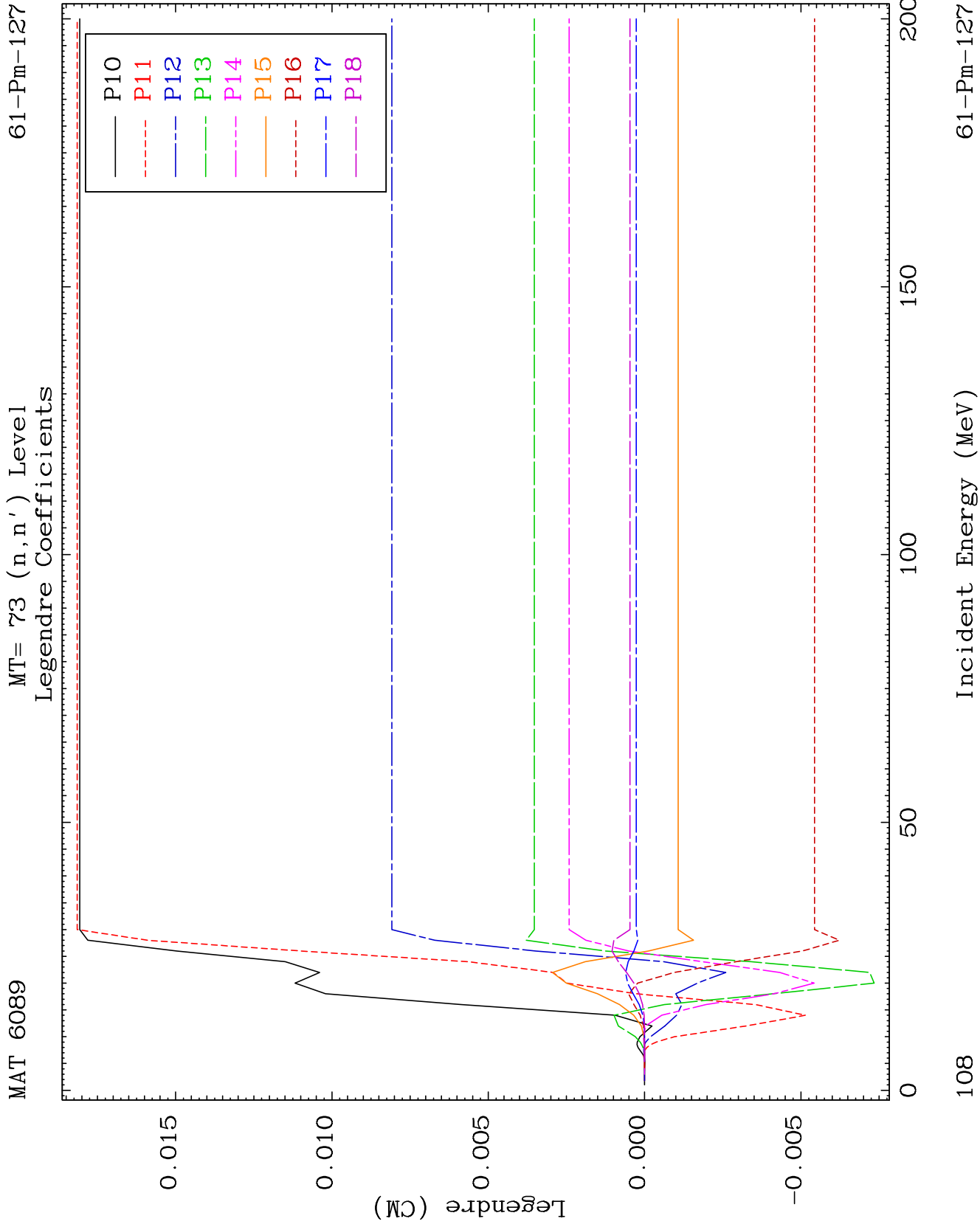


MAT 6089

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

61-Pm-127

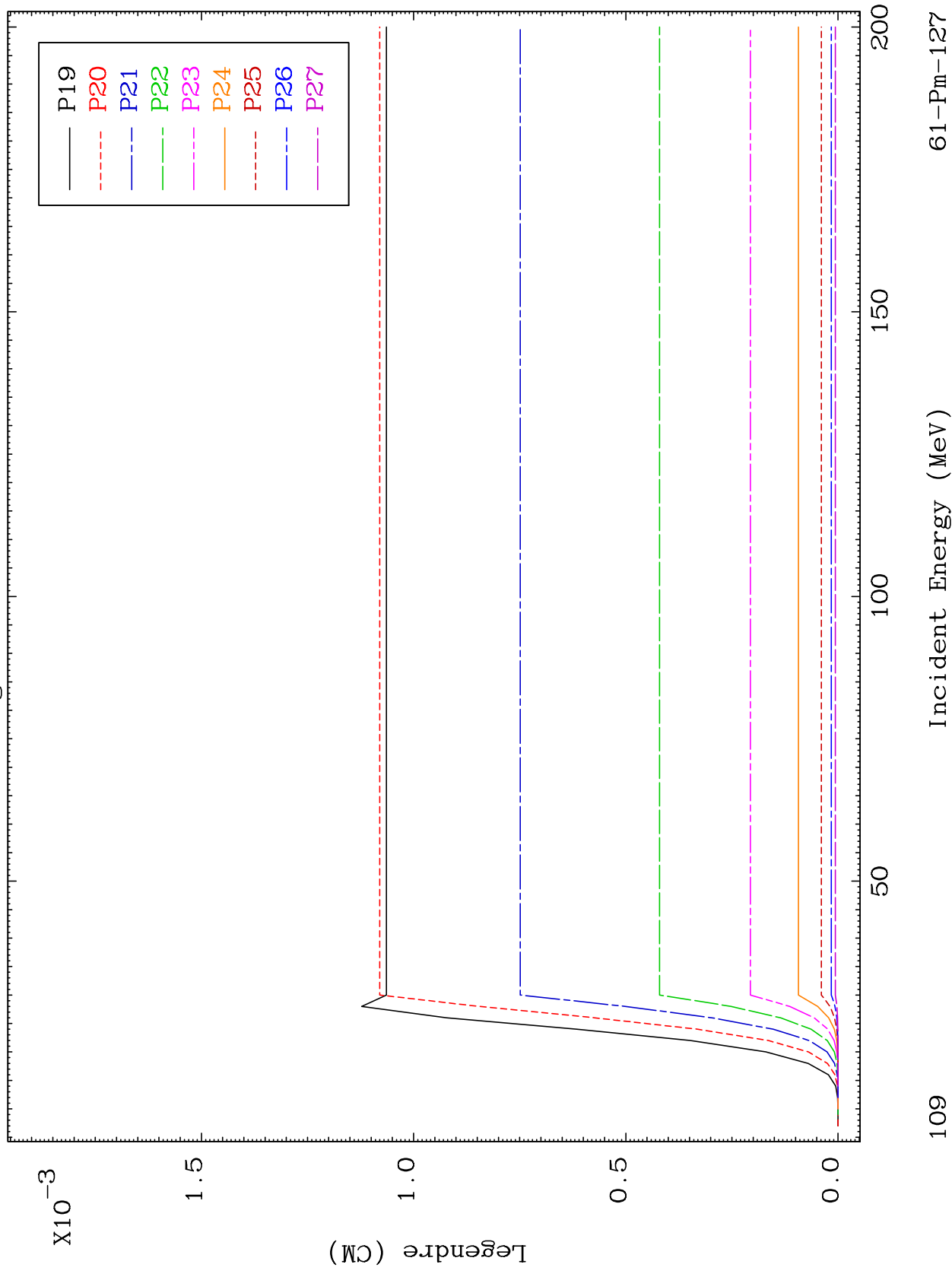


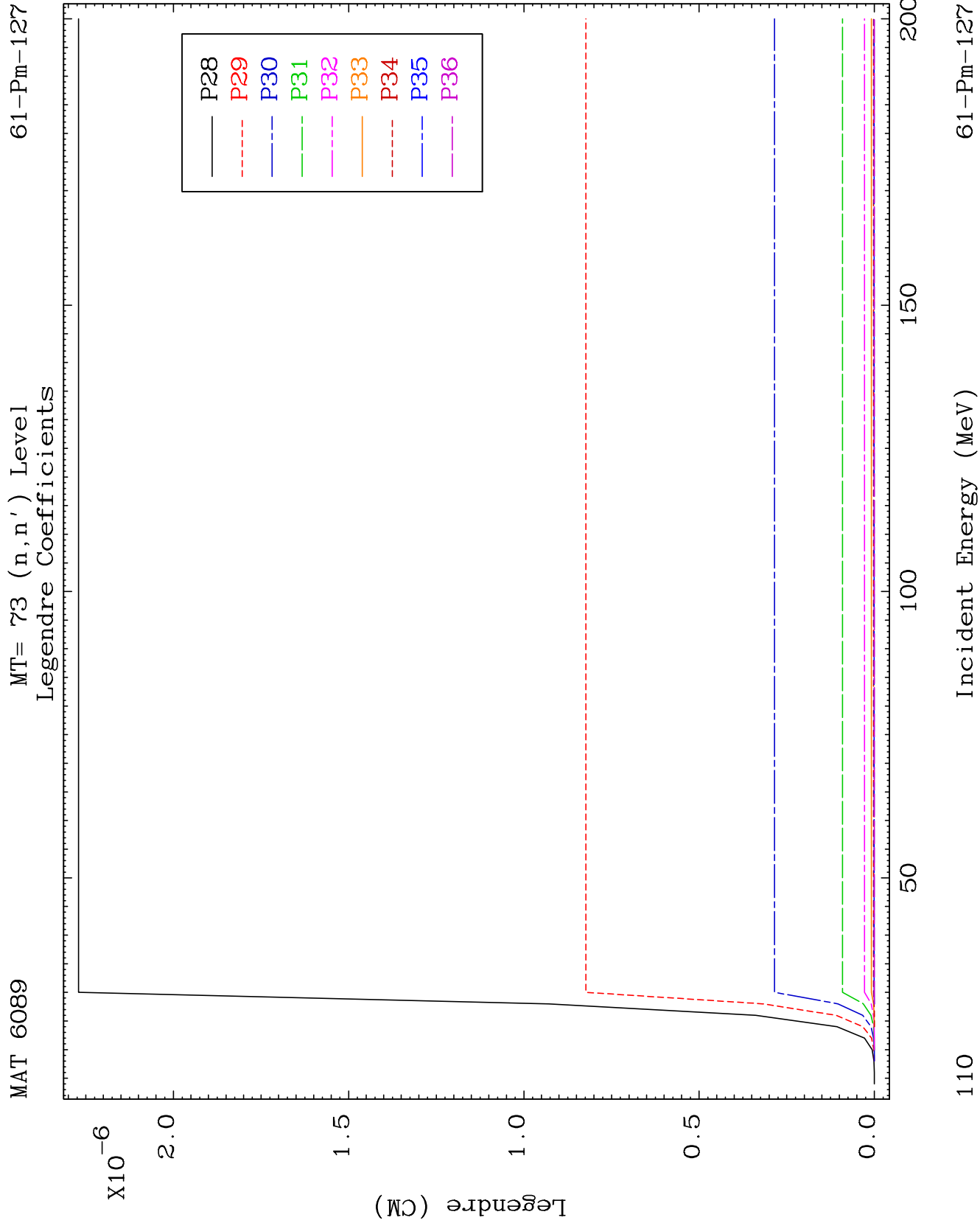


MAT 6089

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

61-Pm-127

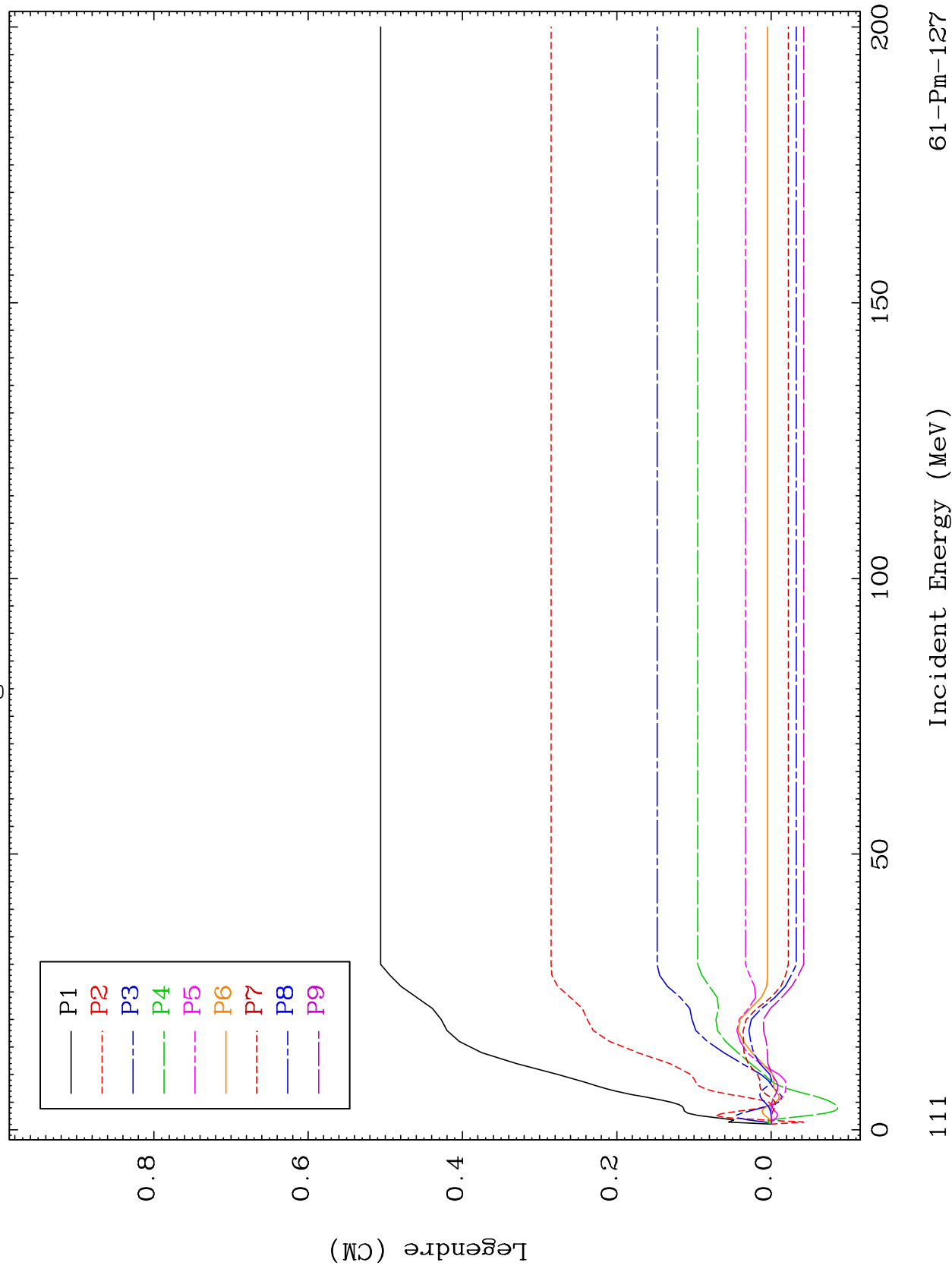


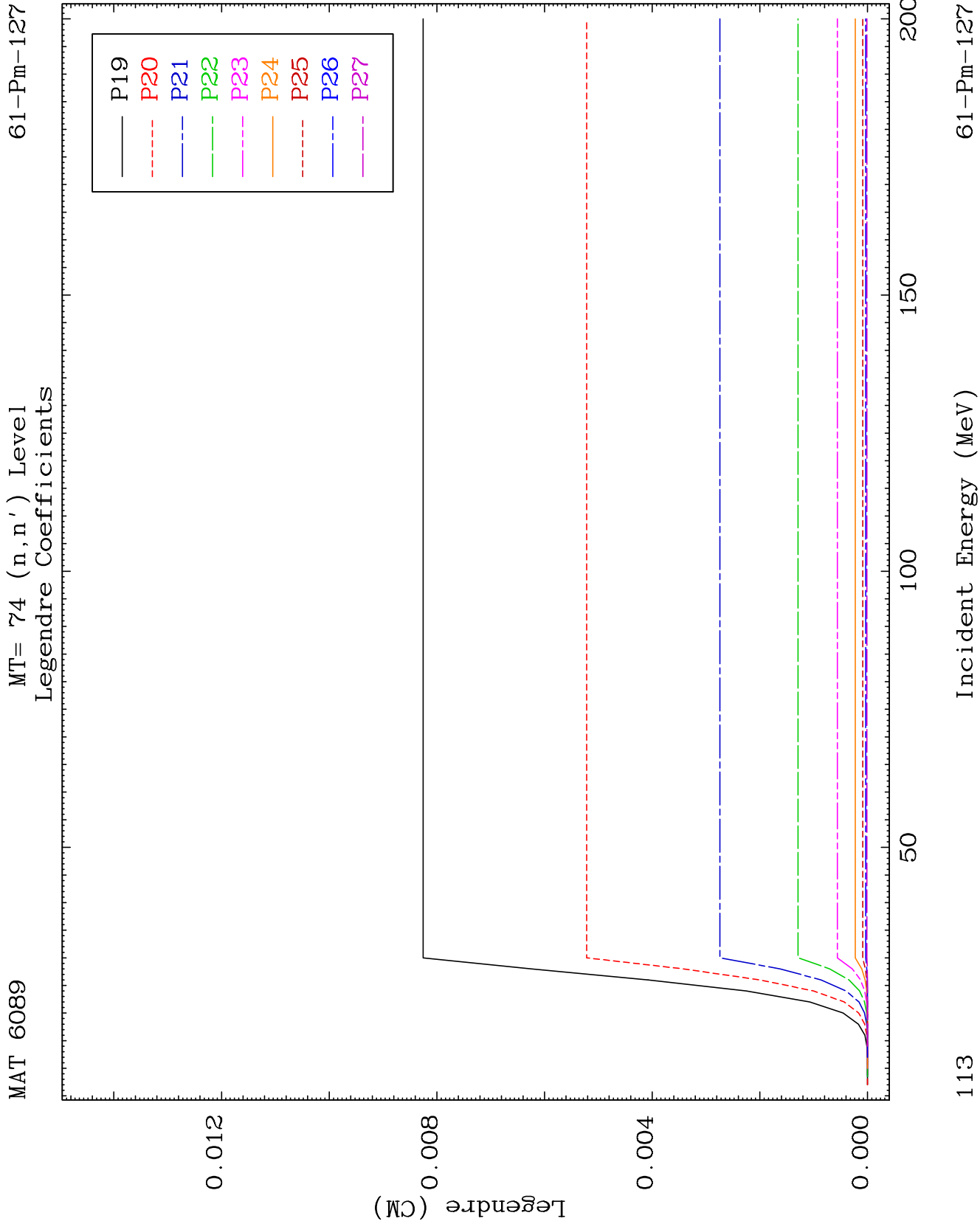


MAT 6089

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

61-Pm-127

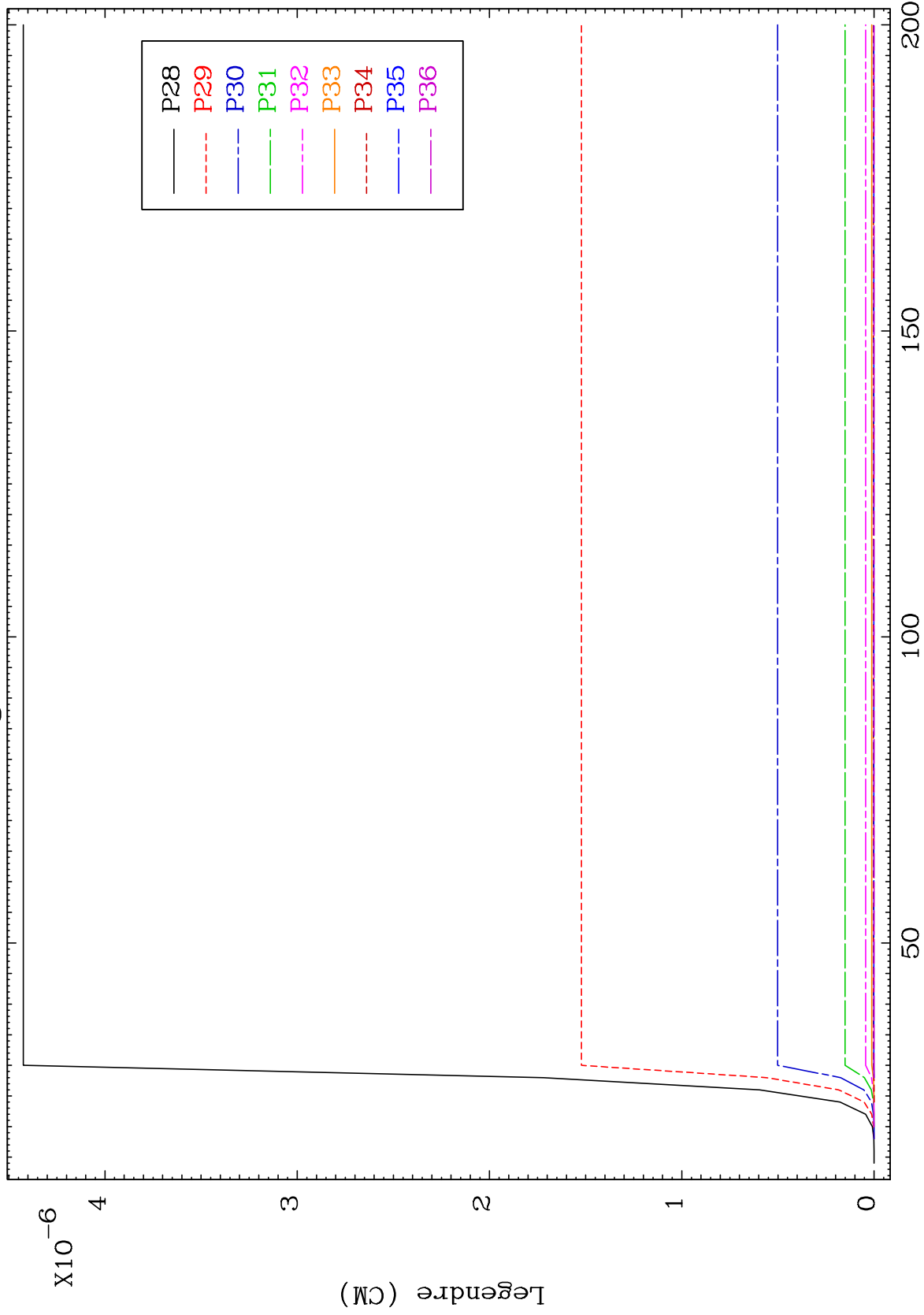




MAT 6089

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

61-Pm-127



114

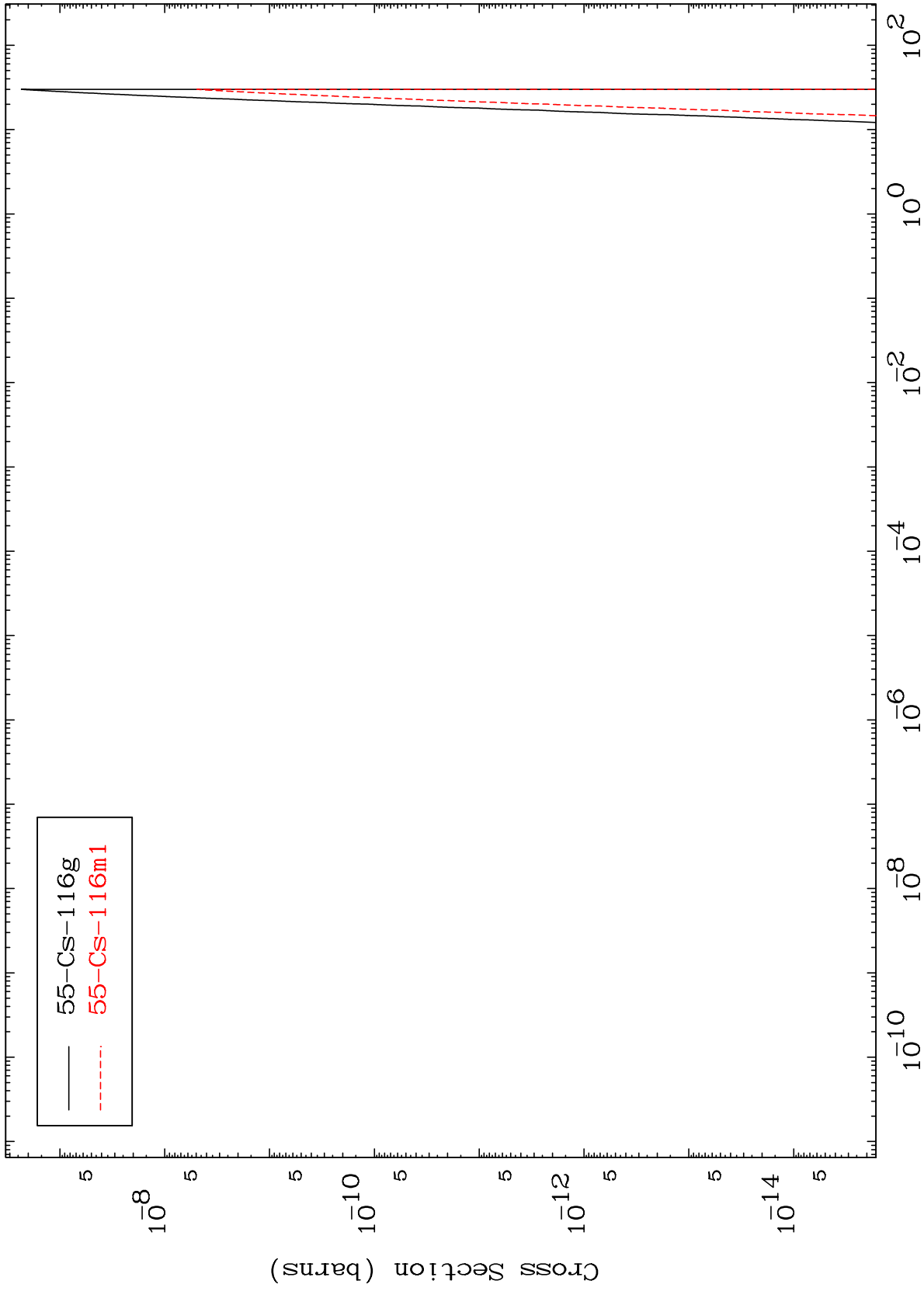
Incident Energy (MeV)

61-Pm-127

MAT 6089

Radionuclide Production Cross Section
(n,3α)

61-Pm-127



115