

Program EVALPLOT  
(Version 2021-1)

by

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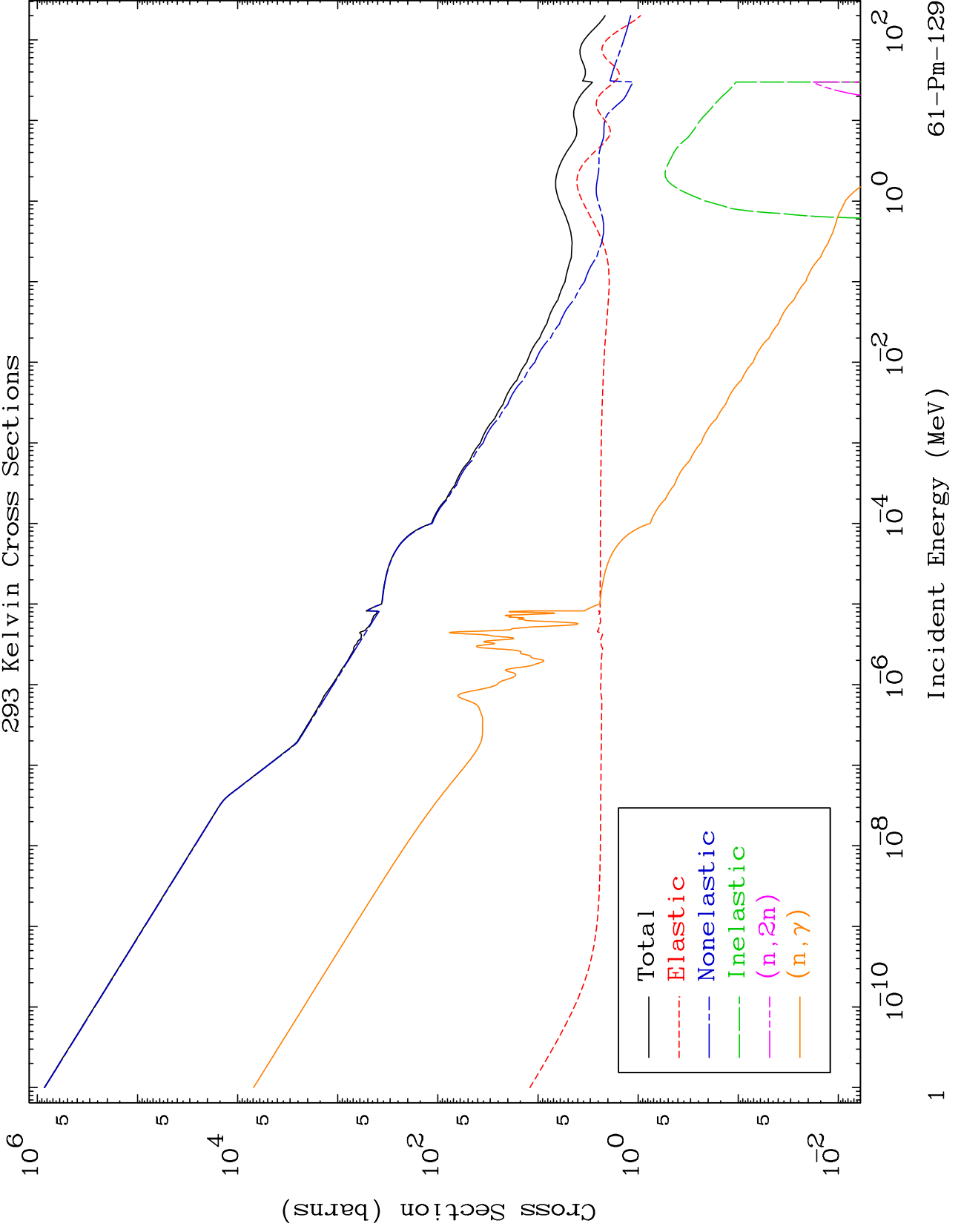
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Press Mouse Button to Start

MAT 6095

Neutron Major  
293 Kelvin Cross Sections

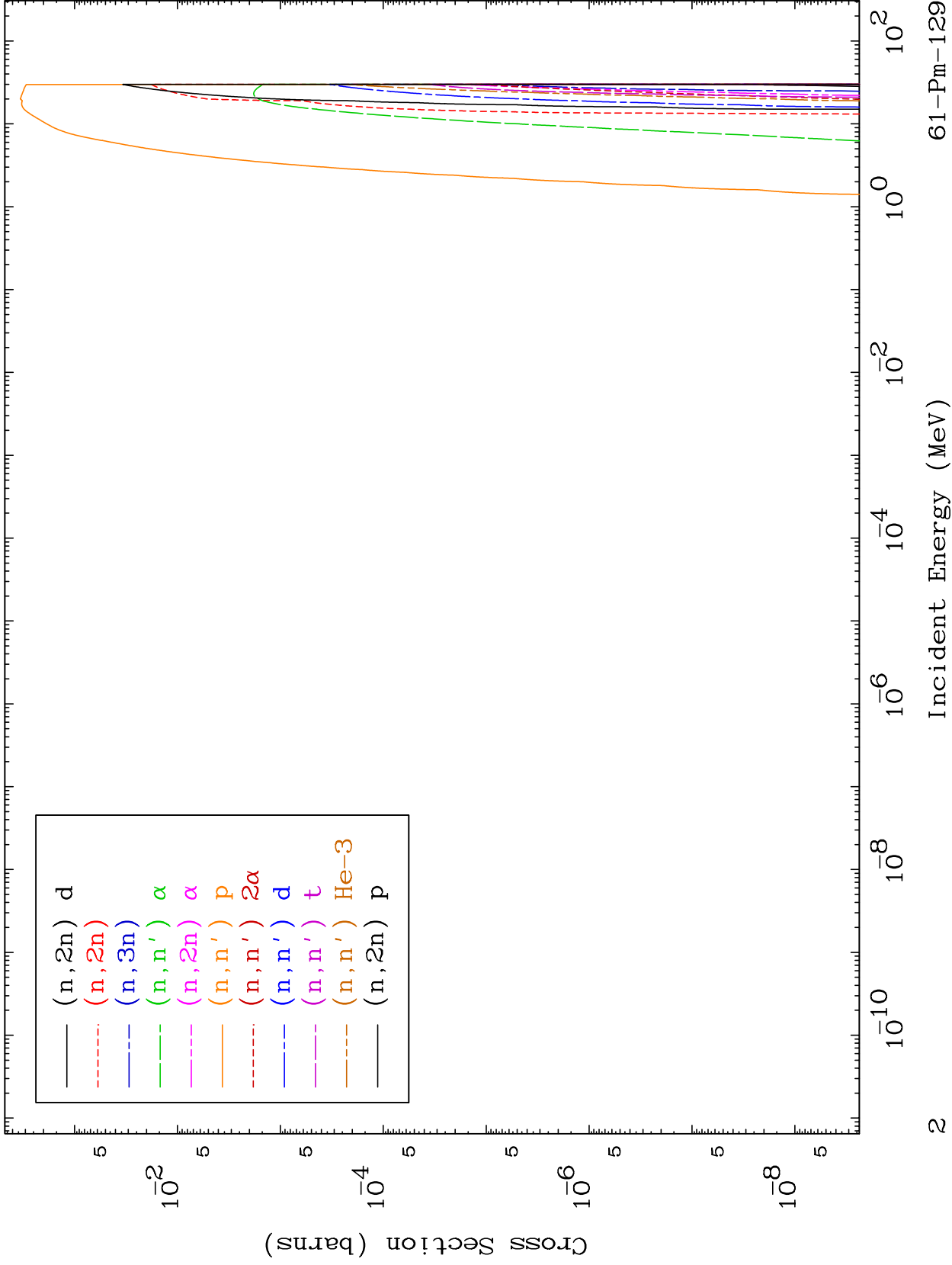
61-Pm-129



MAT 6095

Neutron Absorption  
293 Kelvin Cross Sections

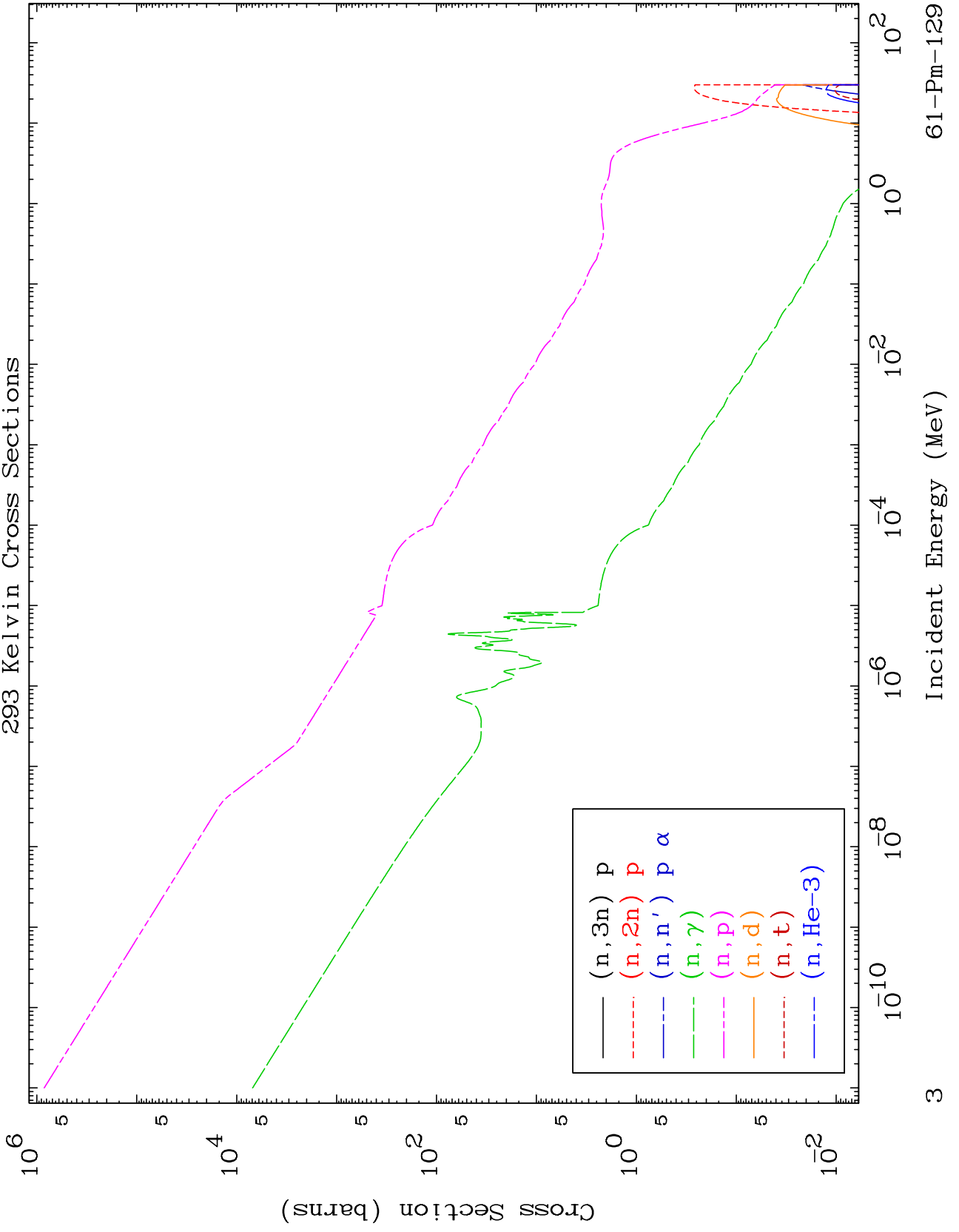
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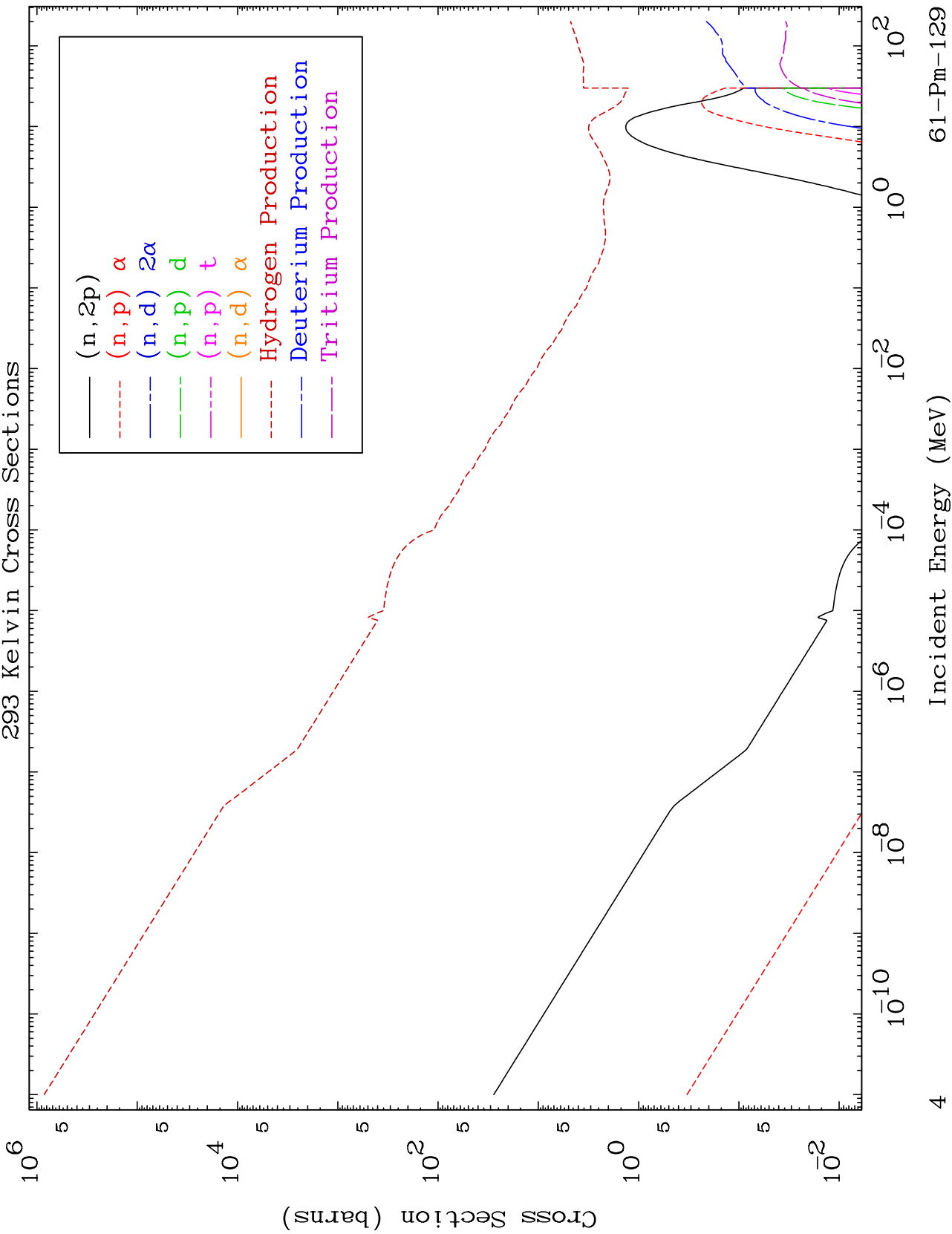


MAT 6095

Neutron Absorption  
293 Kelvin Cross Sections

61-Pm-129

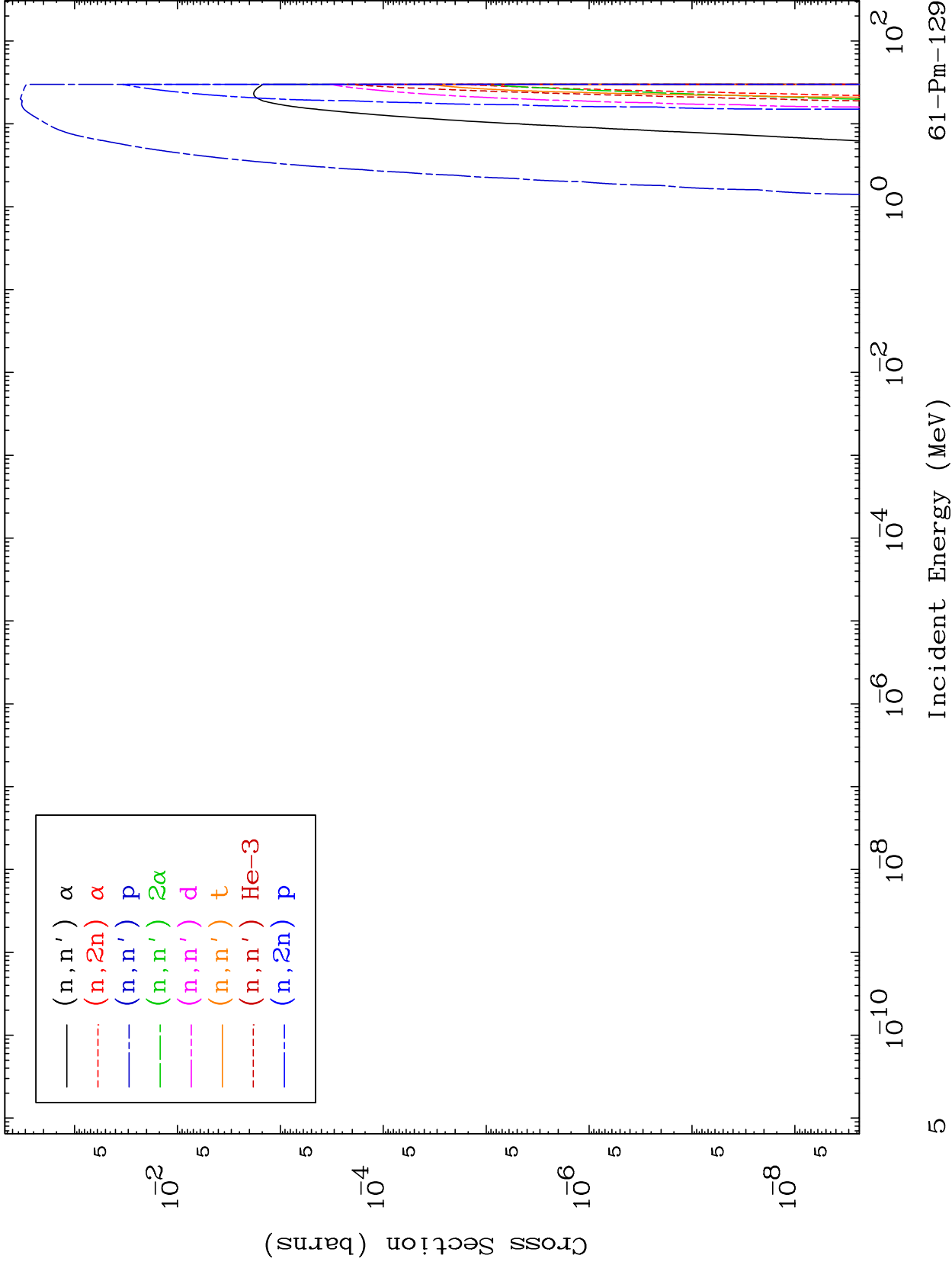




MAT 6095

Charged Particle  
293 Kelvin Cross Sections

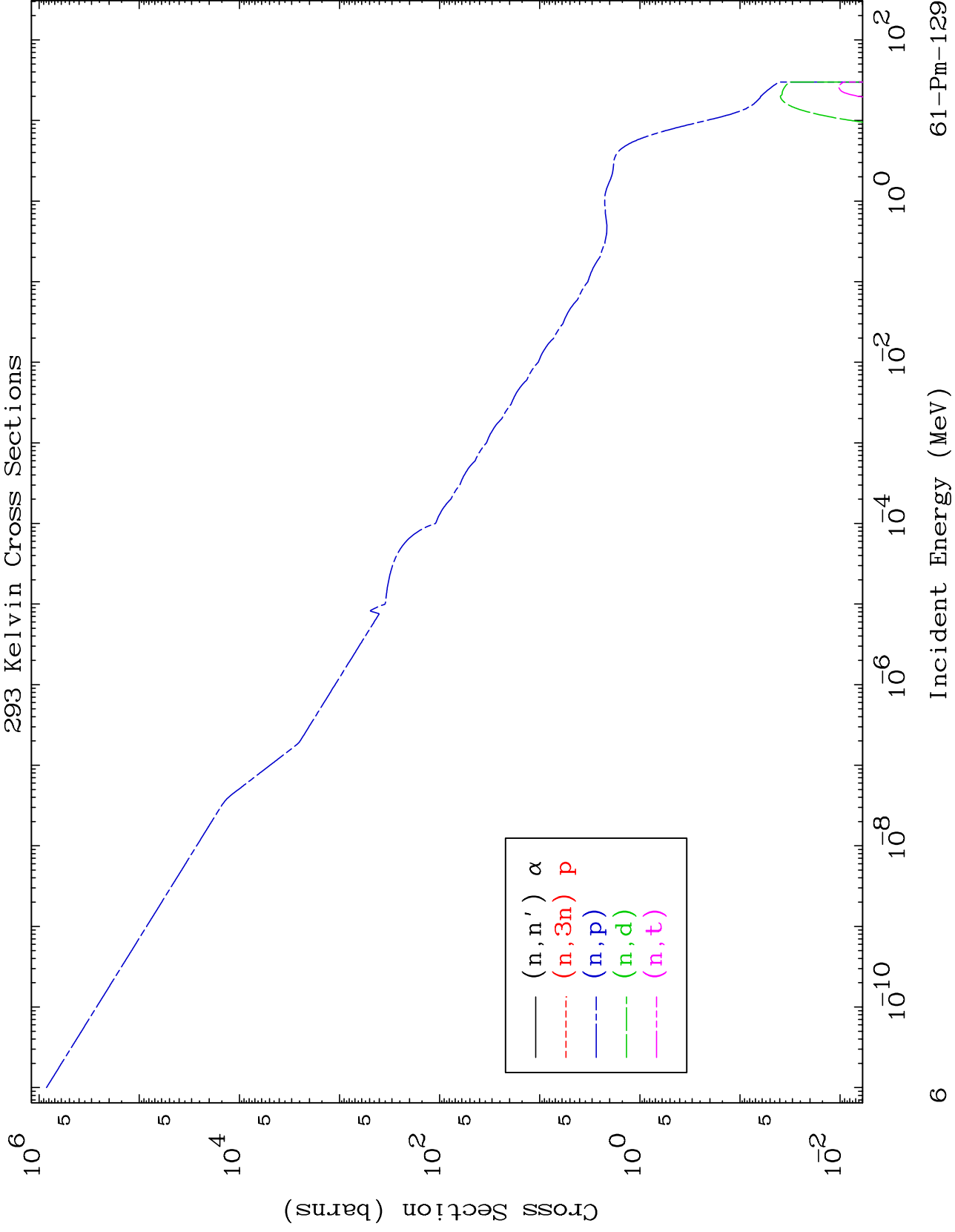
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MAT 6095

Charged Particle  
293 Kelvin Cross Sections

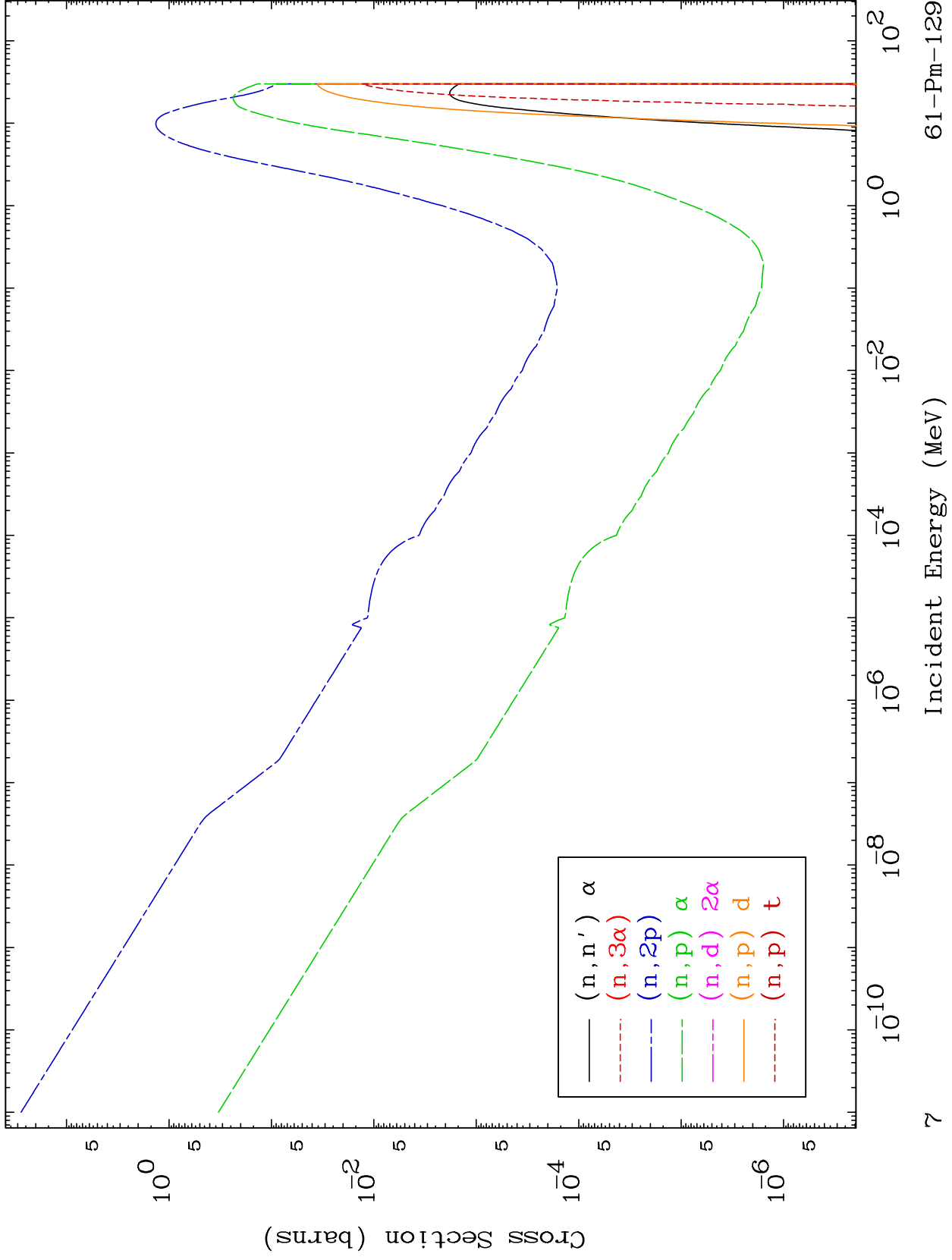
61-Pm-129



MAT 6095

Charged Particle  
293 Kelvin Cross Sections

61-Pm-129

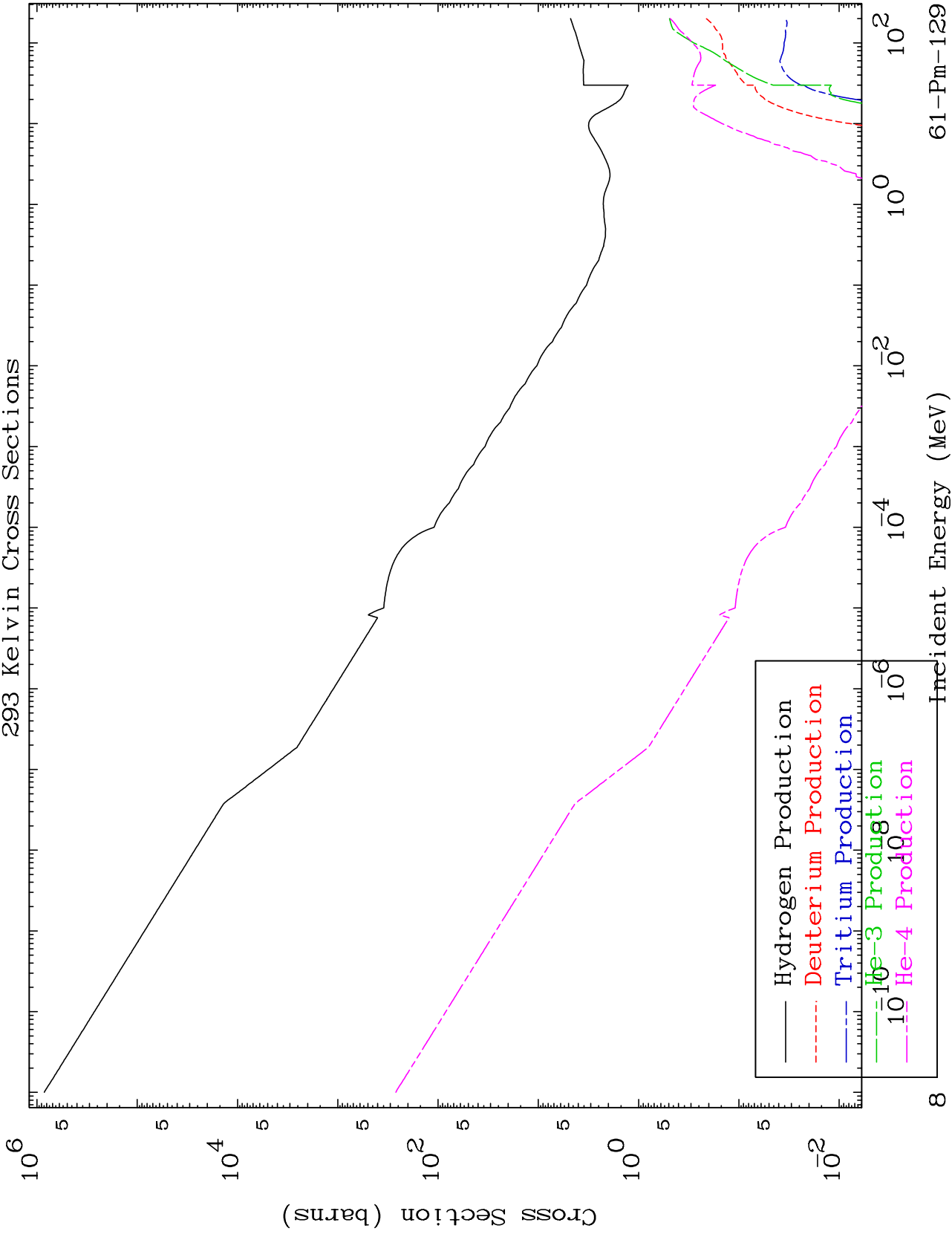




MAT 6095

Particle Production  
293 Kelvin Cross Sections

61-Pm-129



61-Pm-129

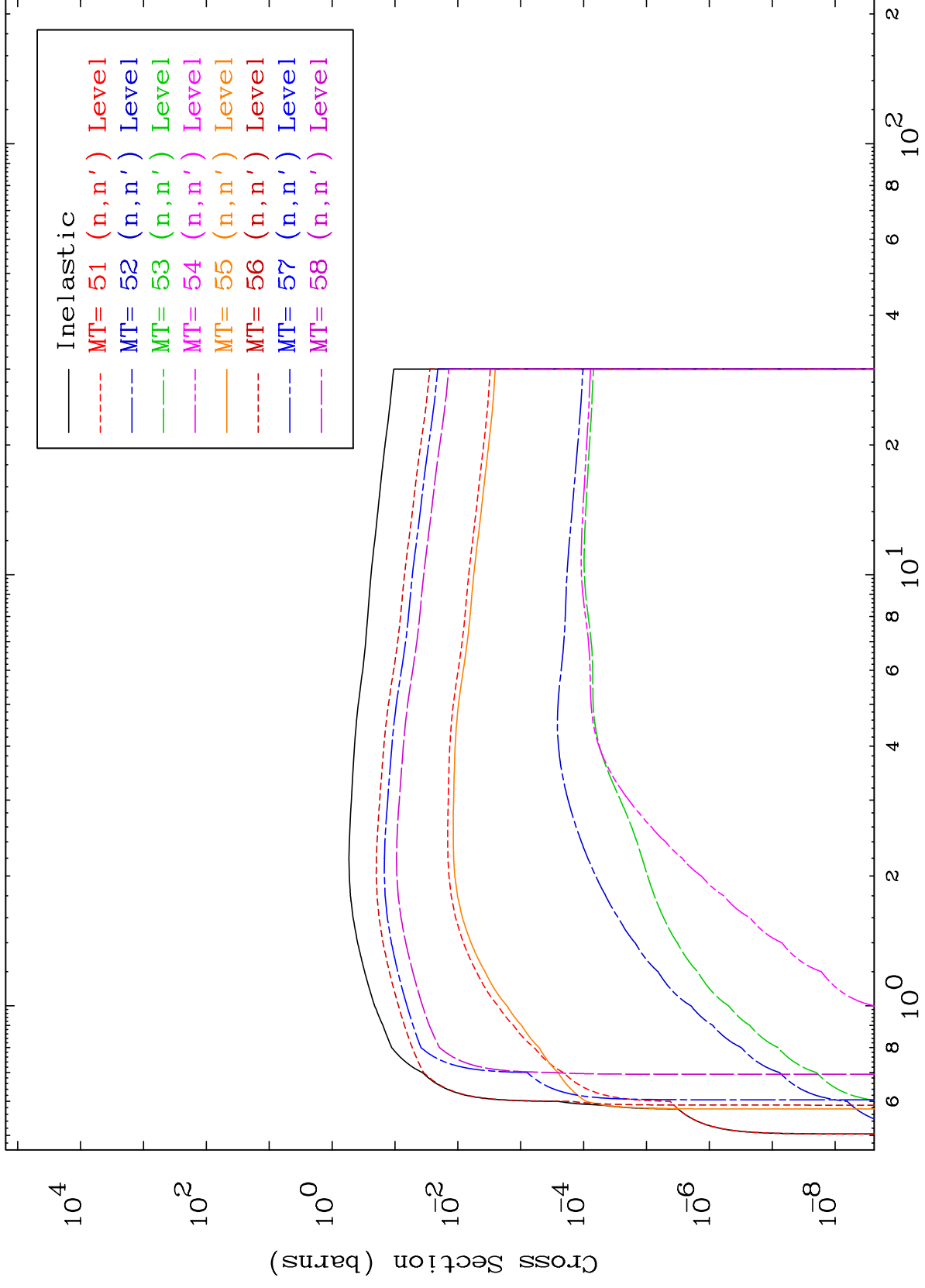
Incident Energy (MeV)

8

MAT 6095

(n,n') Levels  
293 Kelvin Cross Sections

61-Pm-129



9

Incident Energy (MeV)

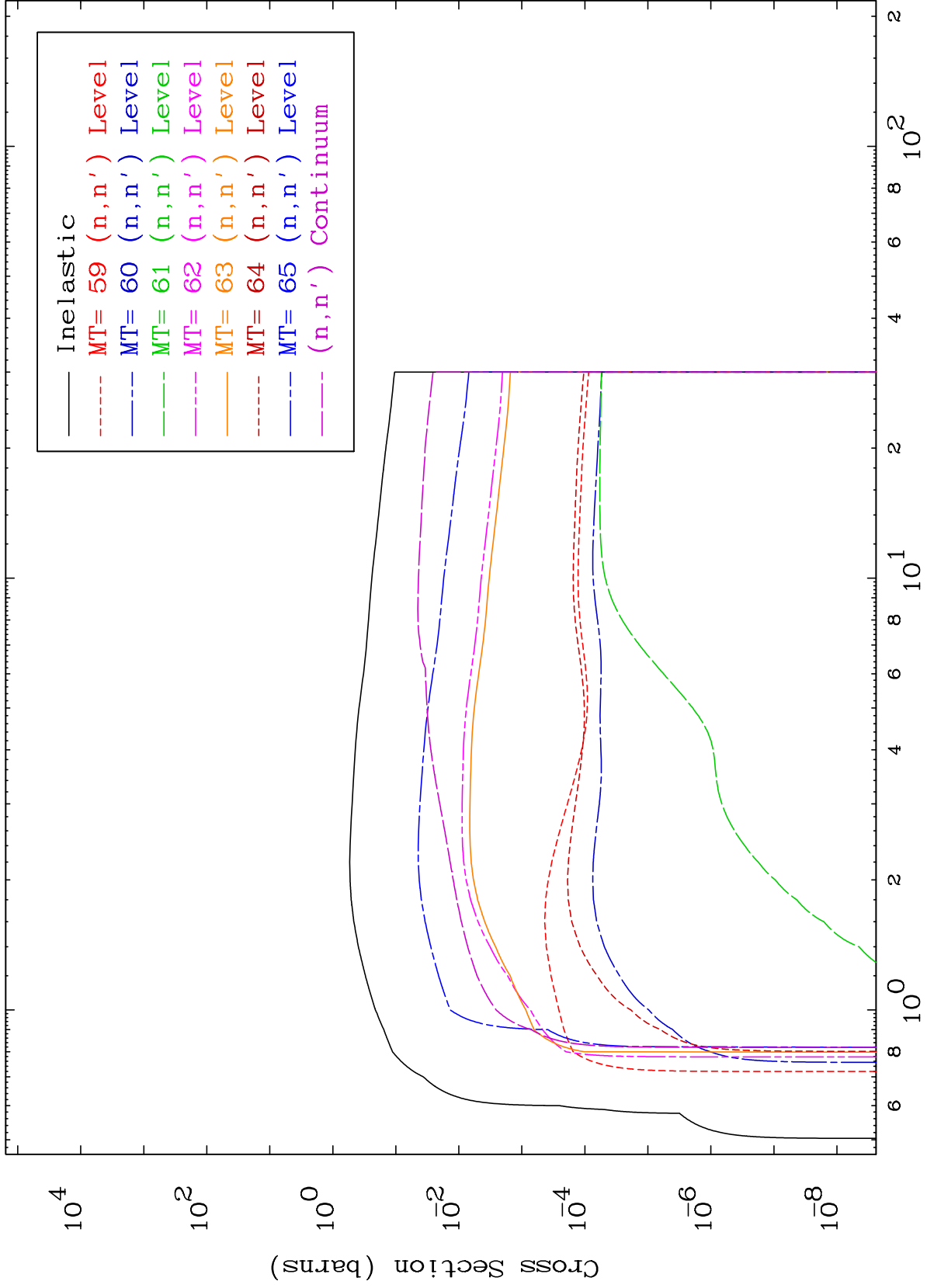
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MAT 6095

(n,n') Levels

293 Kelvin Cross Sections

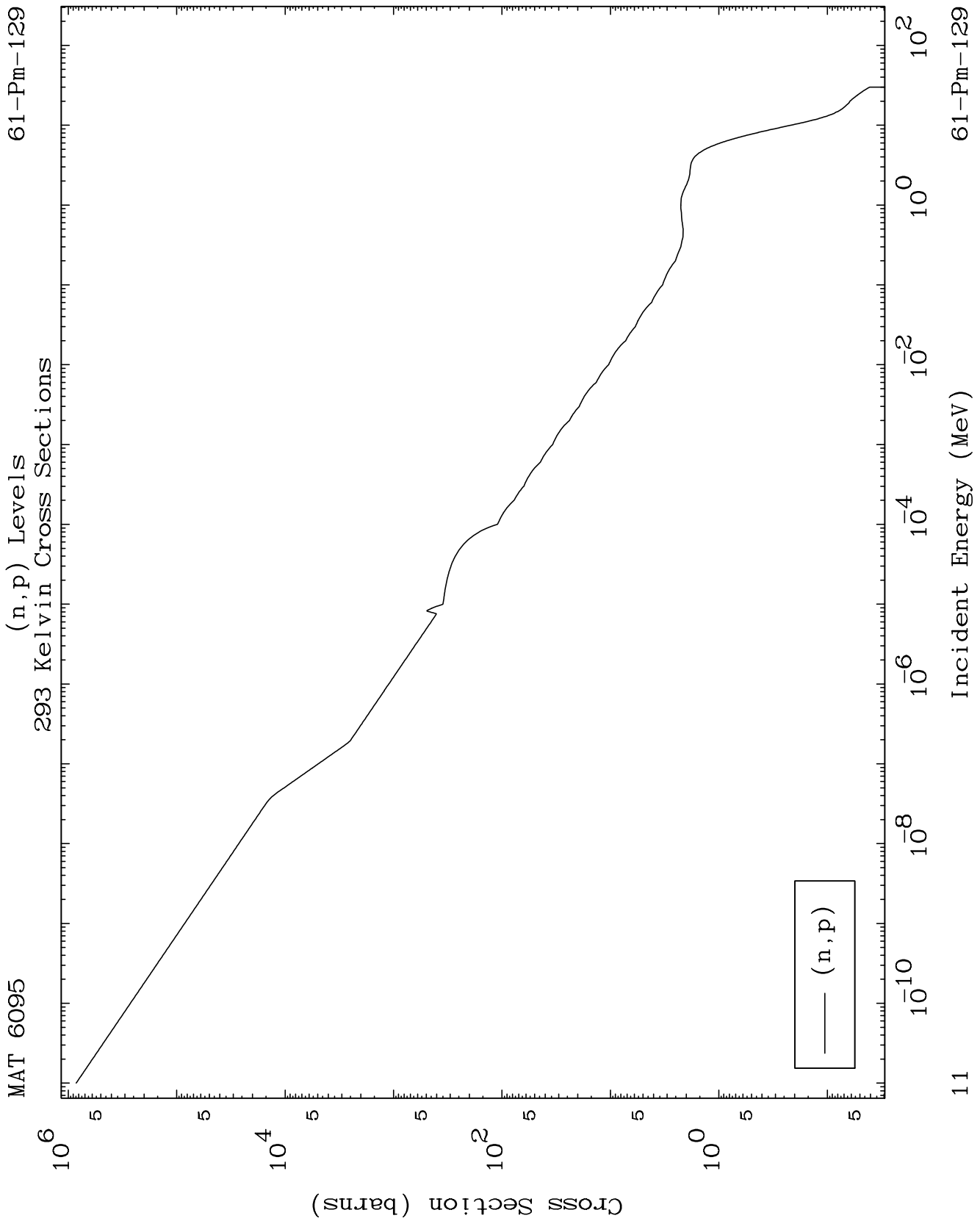
61-Pm-129



10

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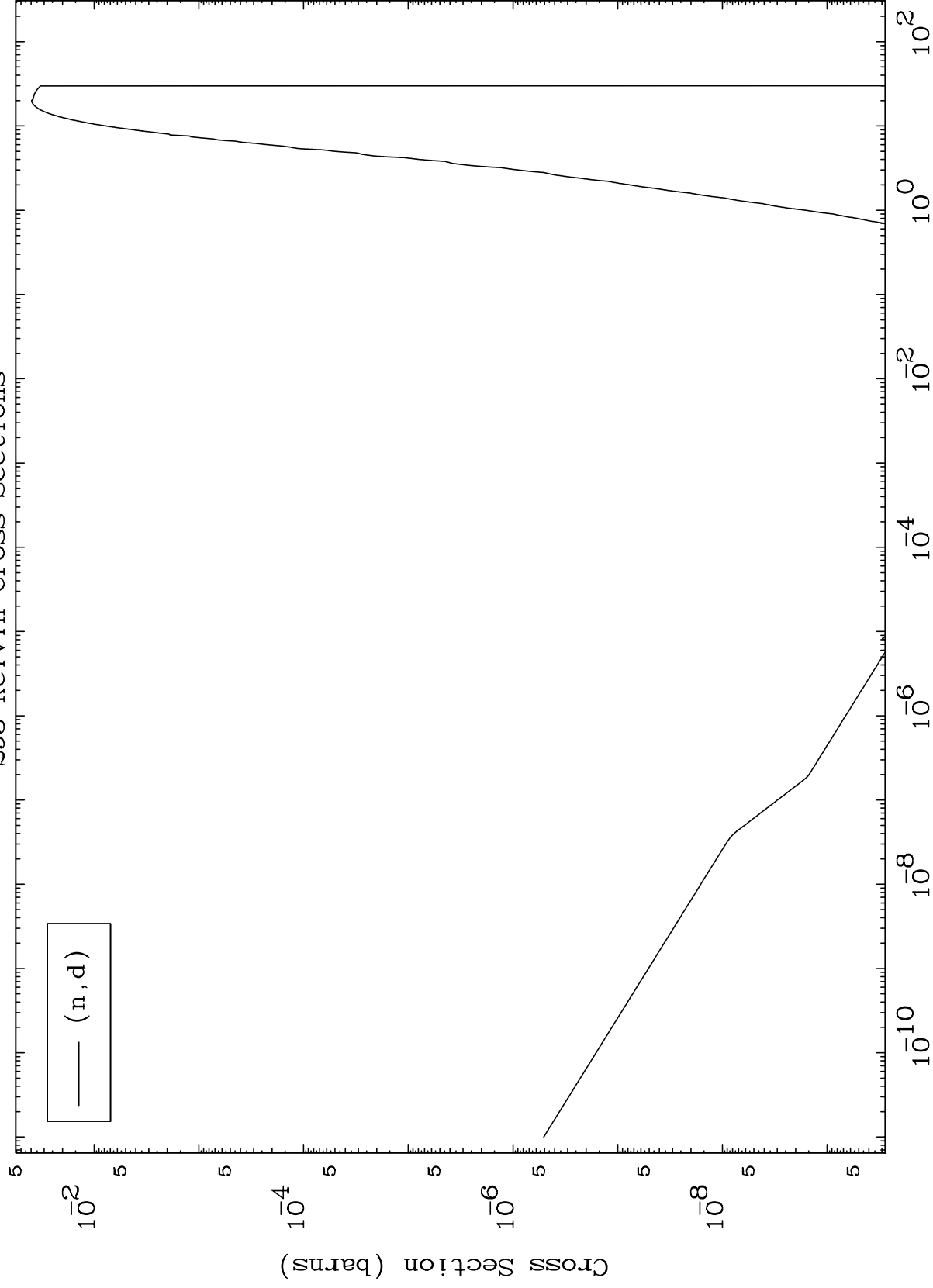
61-Pm-129



MAT 6095

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-129



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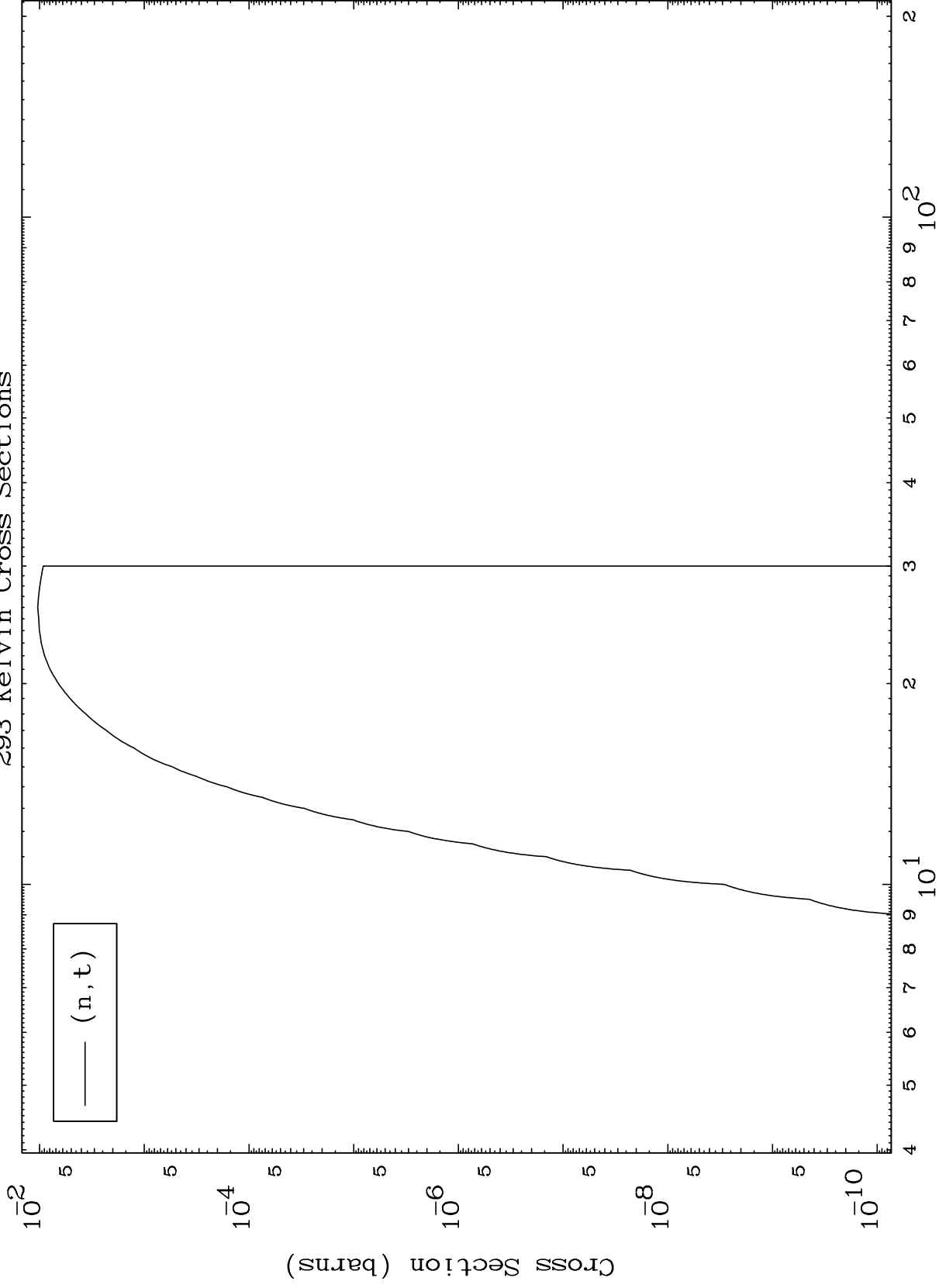
61-Pm-129

12

MAT 6095

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-129



13

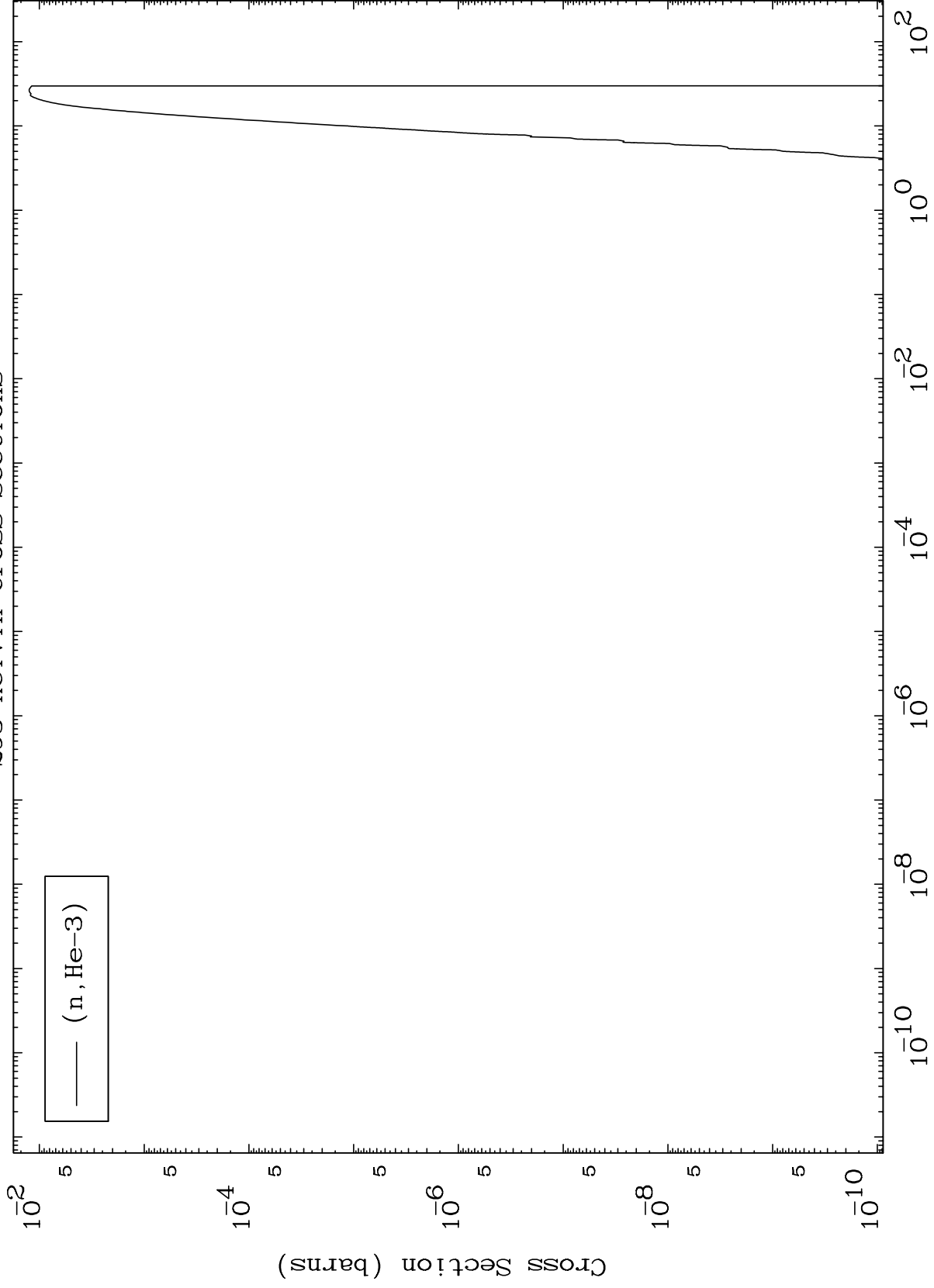
Incident Energy (MeV)

61-Pm-129

MAT 6095

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-129



(n, He-3)

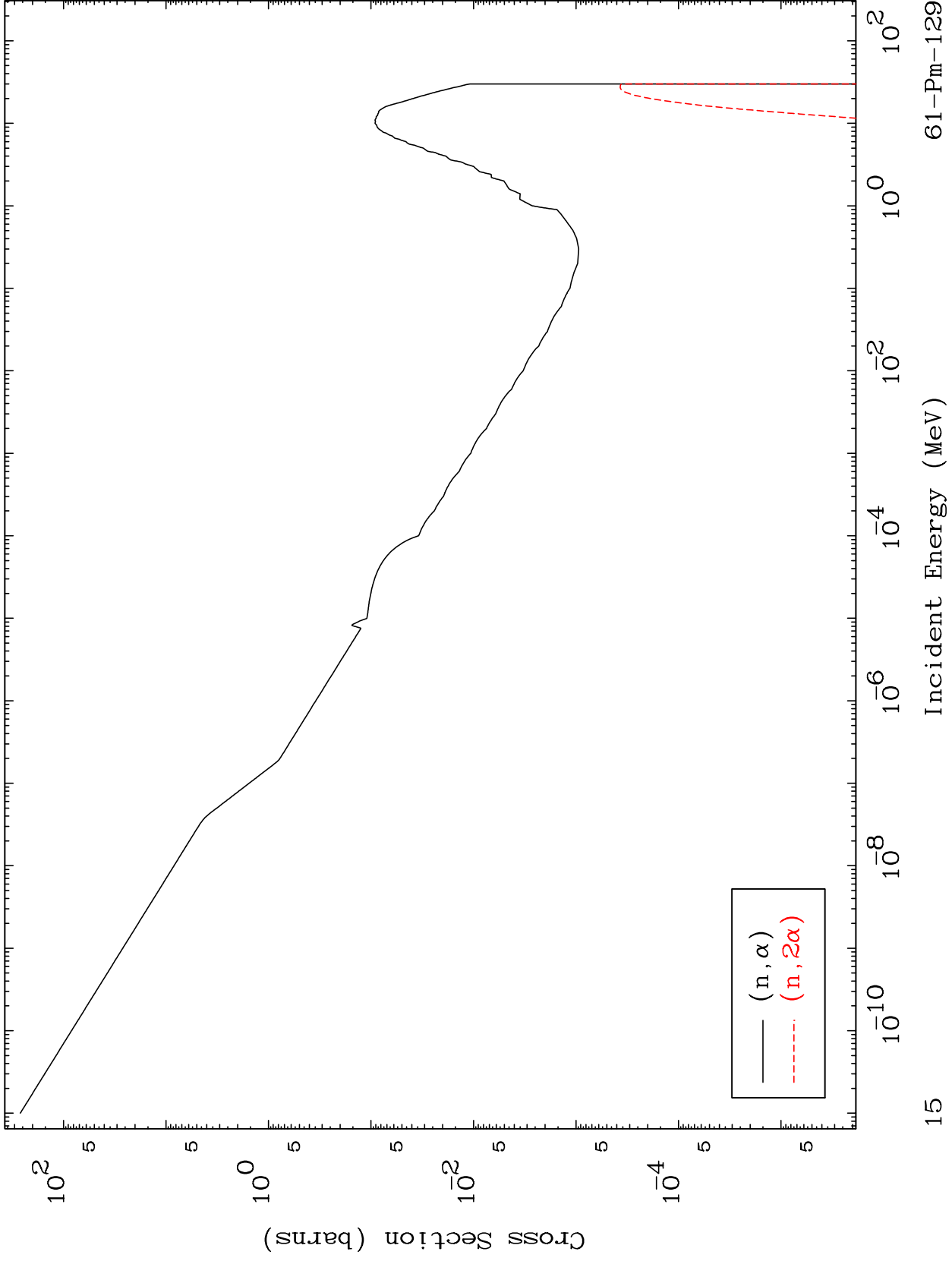
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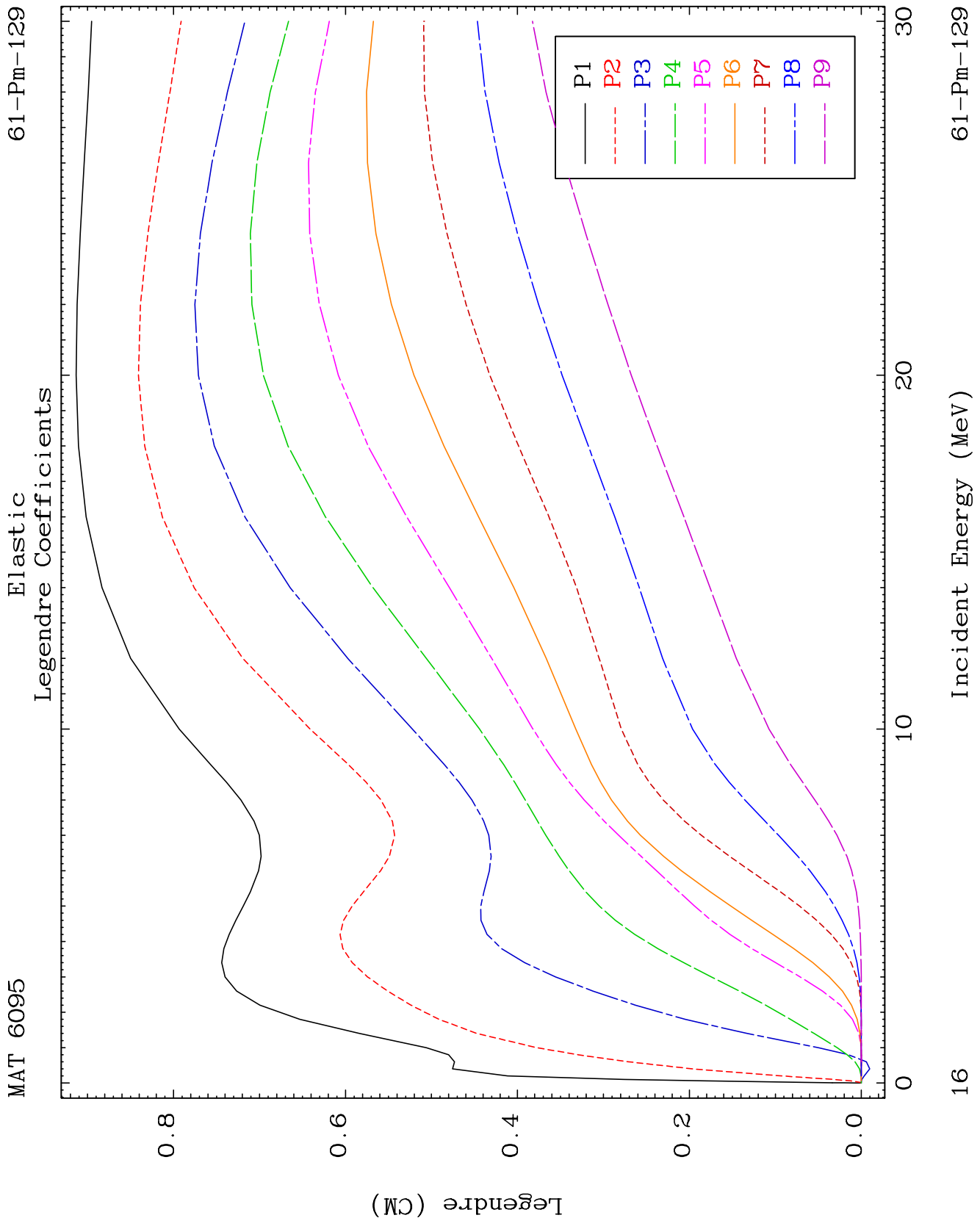
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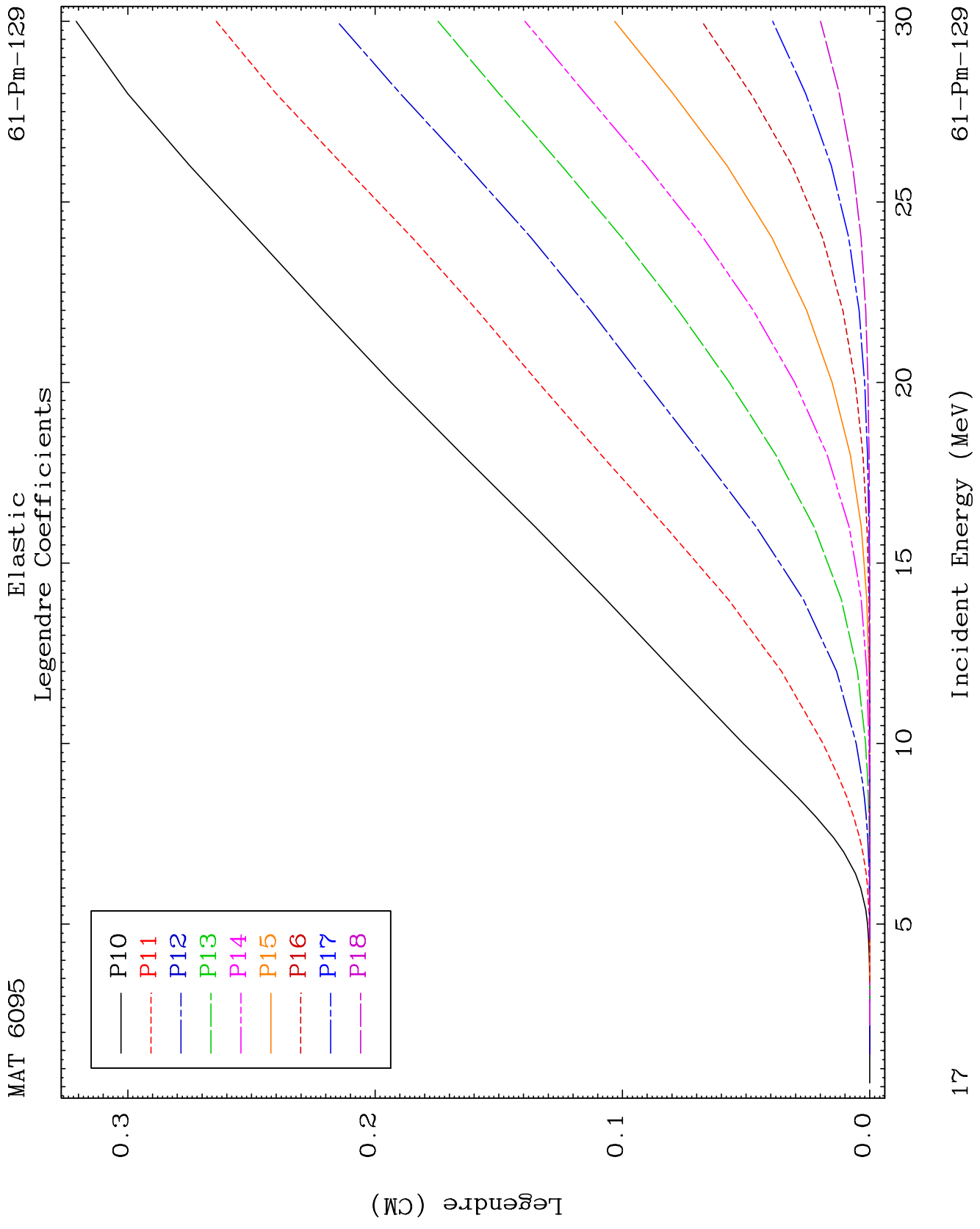
(n,α) Levels  
293 Kelvin Cross Sections

61-Pm-129





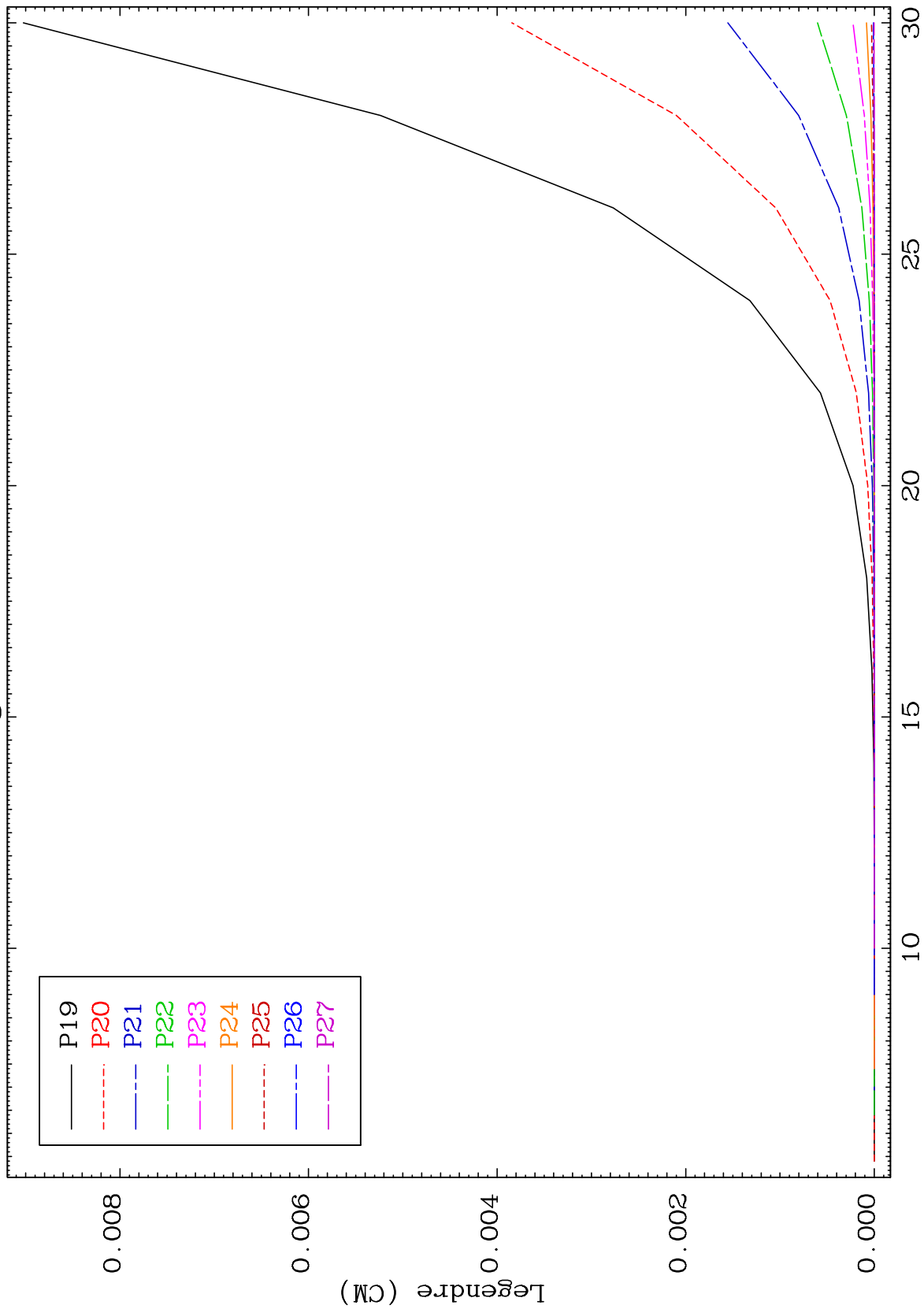




MAT 6095

### Elastic Legendre Coefficients

61-Pm-129



18

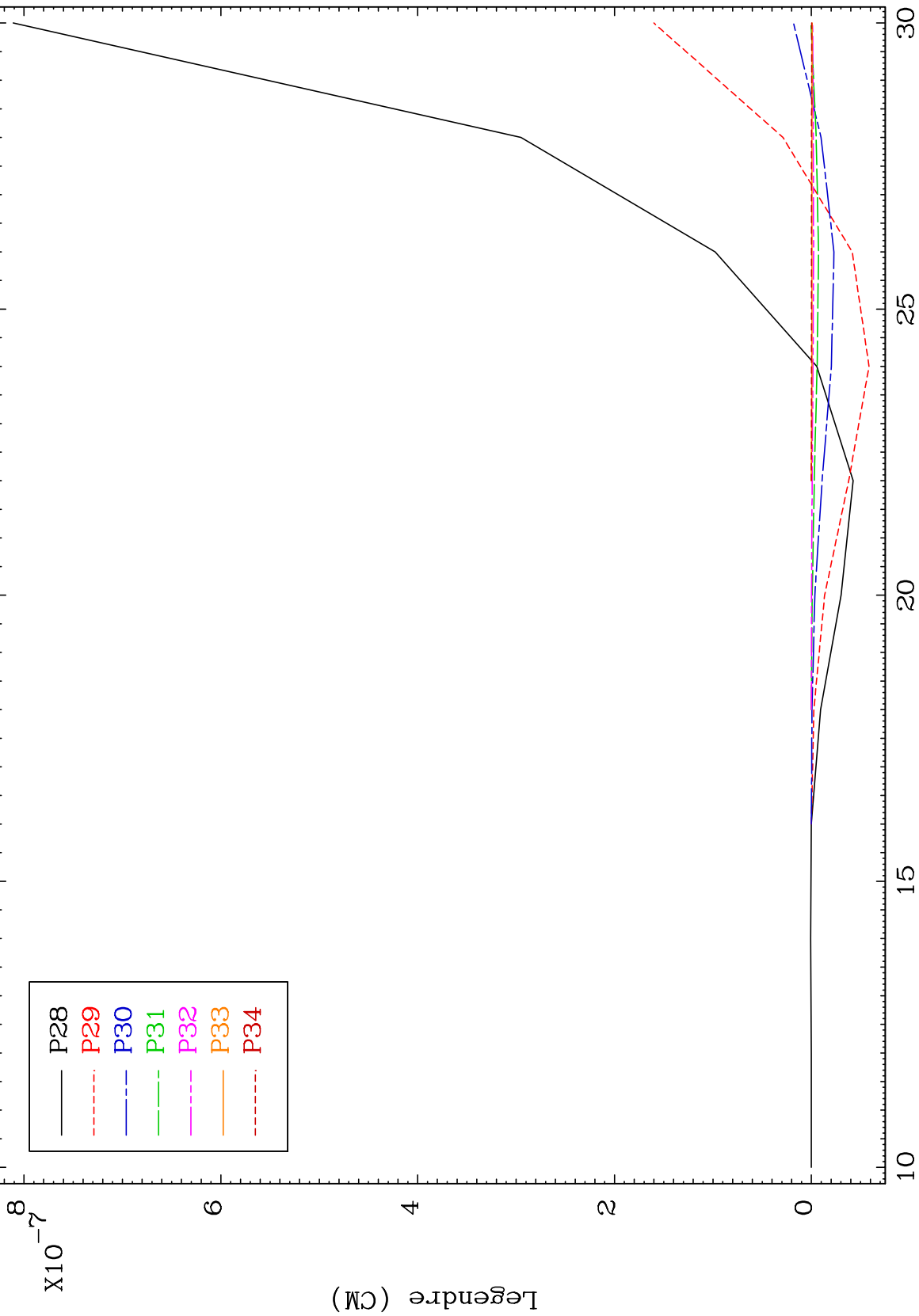
Incident Energy (MeV)

61-Pm-129

MAT 6095

Elastic Legendre Coefficients

61-Pm-129



19

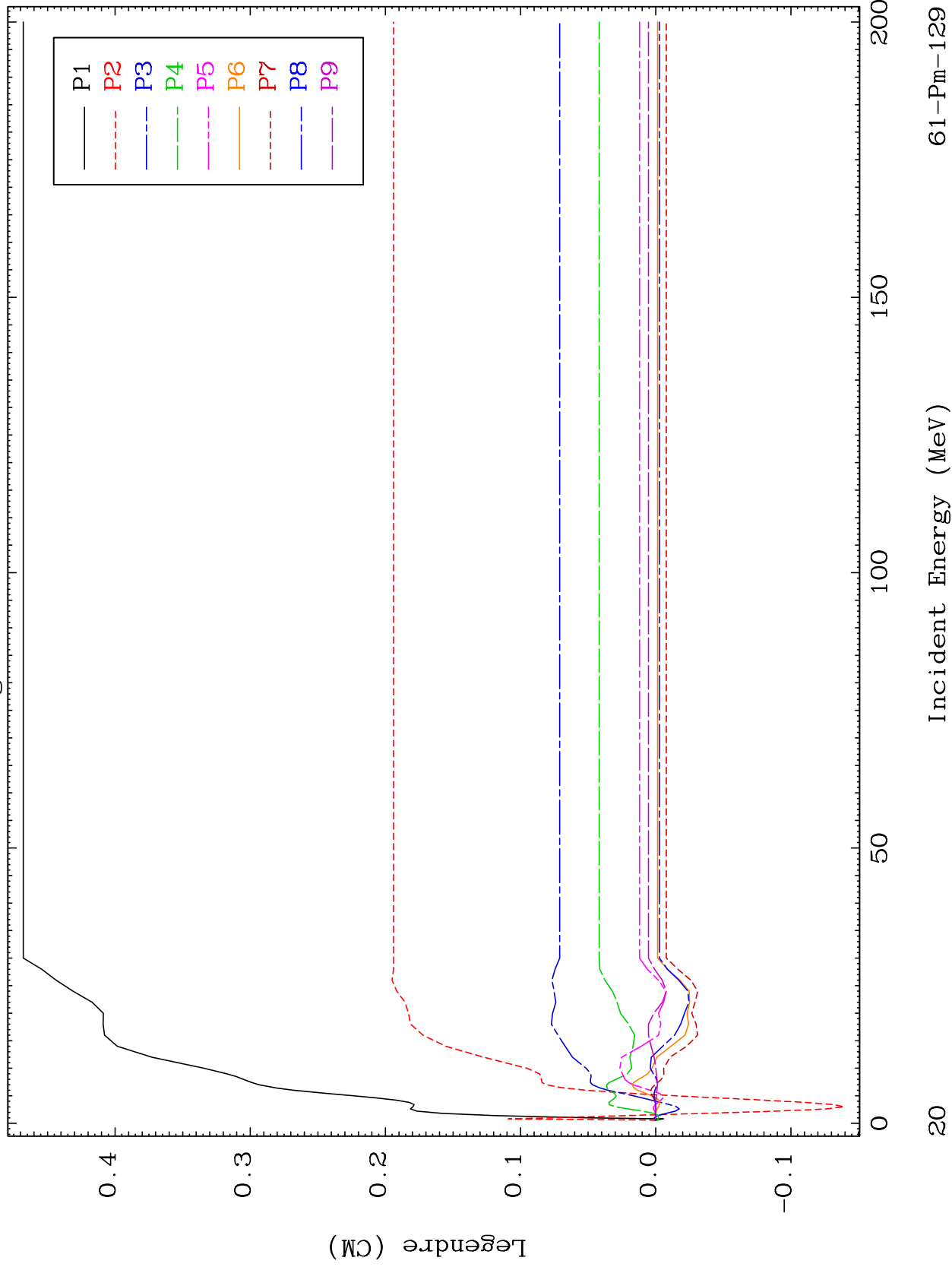
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



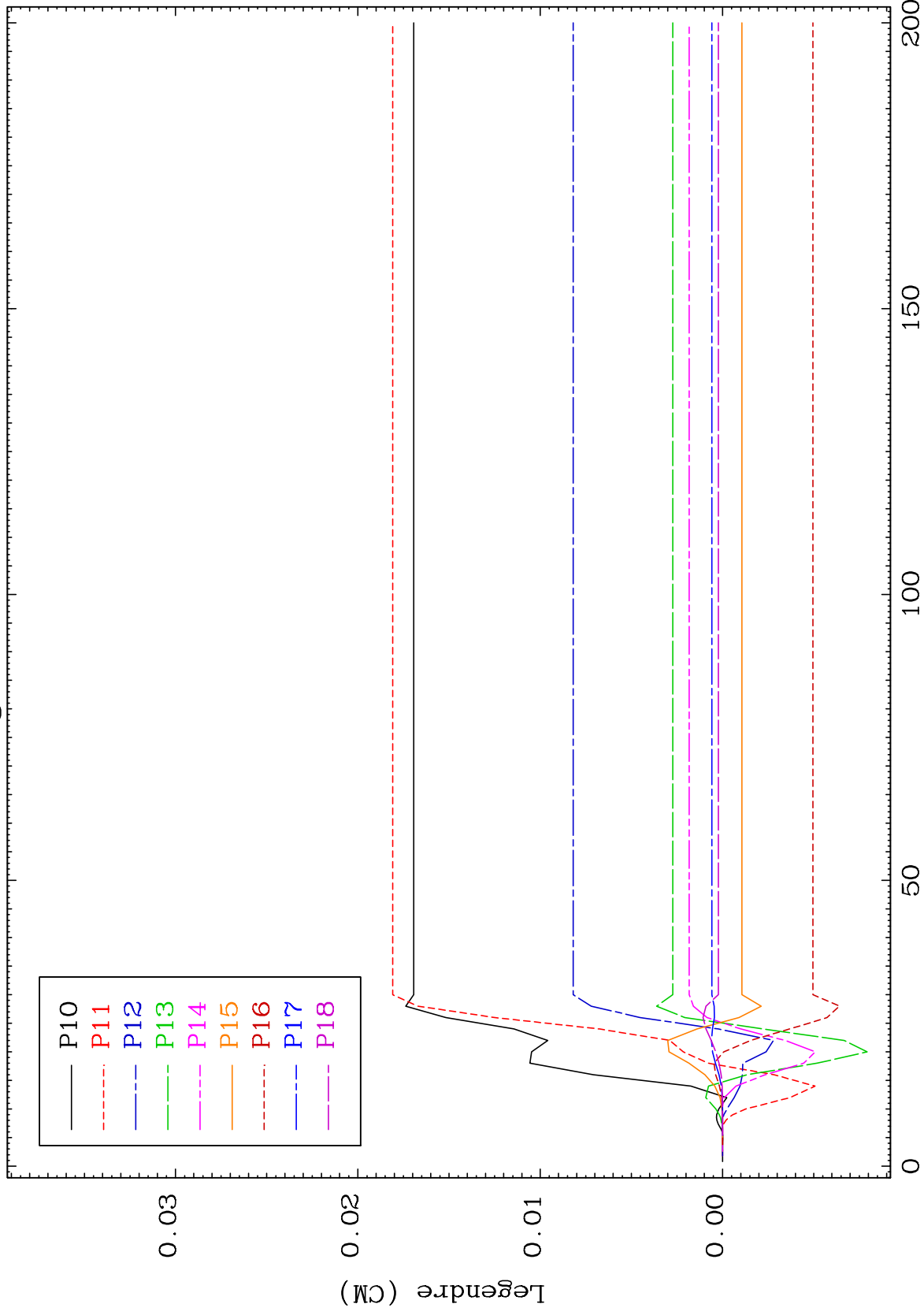
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Incident Energy (MeV)

MAT 6095

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

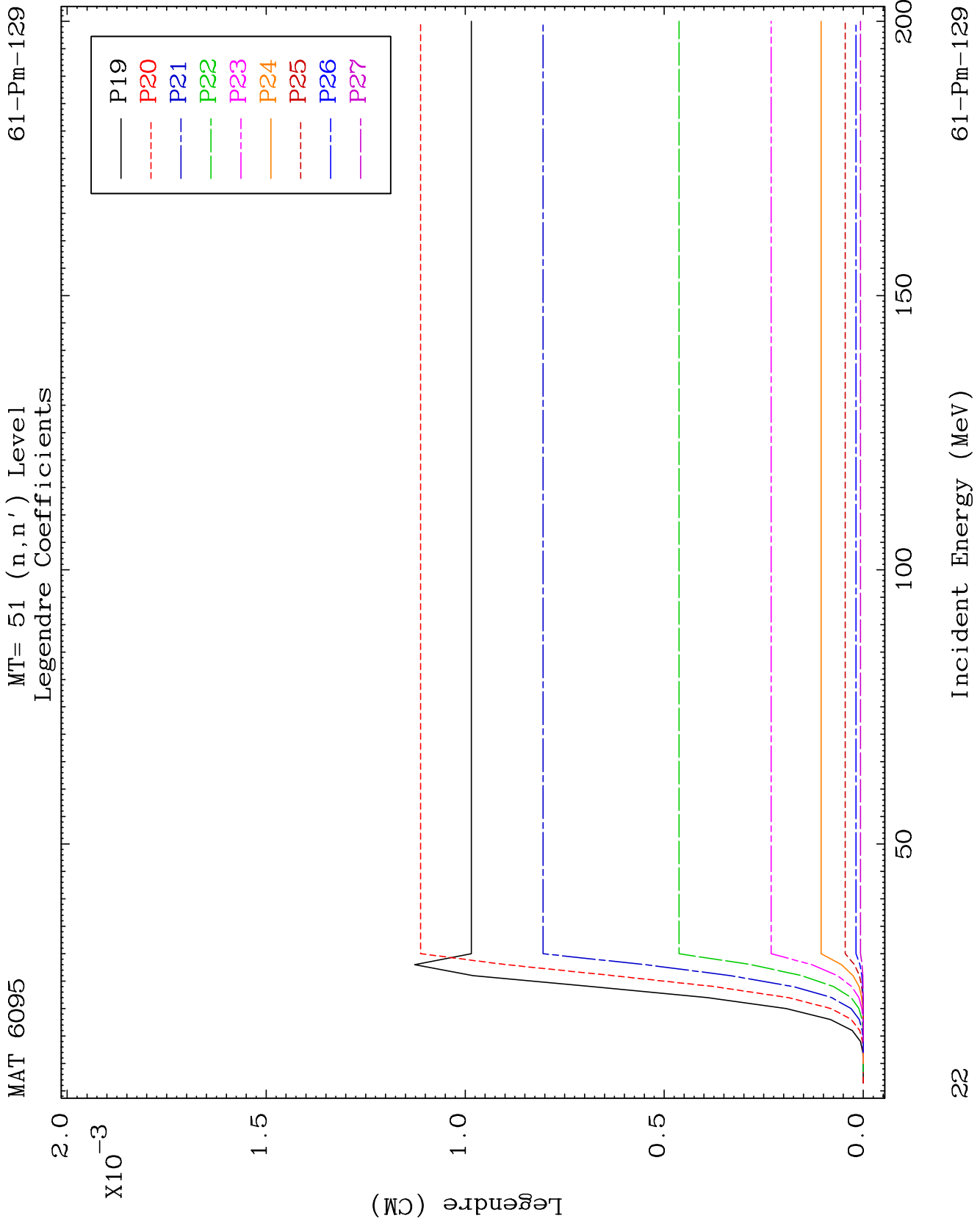
61-Pm-129



21

Incident Energy (MeV)

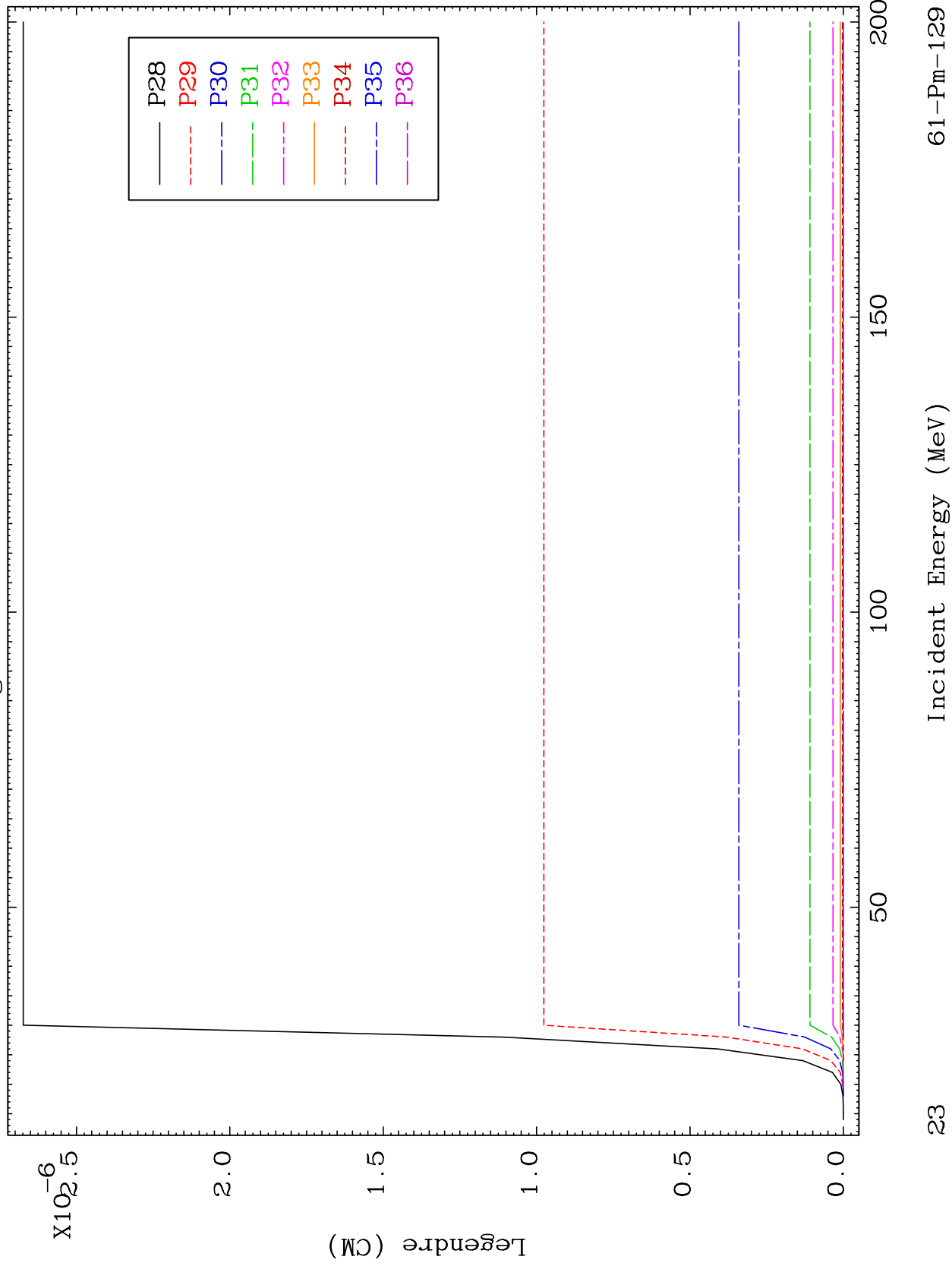
61-Pm-129



MAT 6095

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

61-Pm-129



23

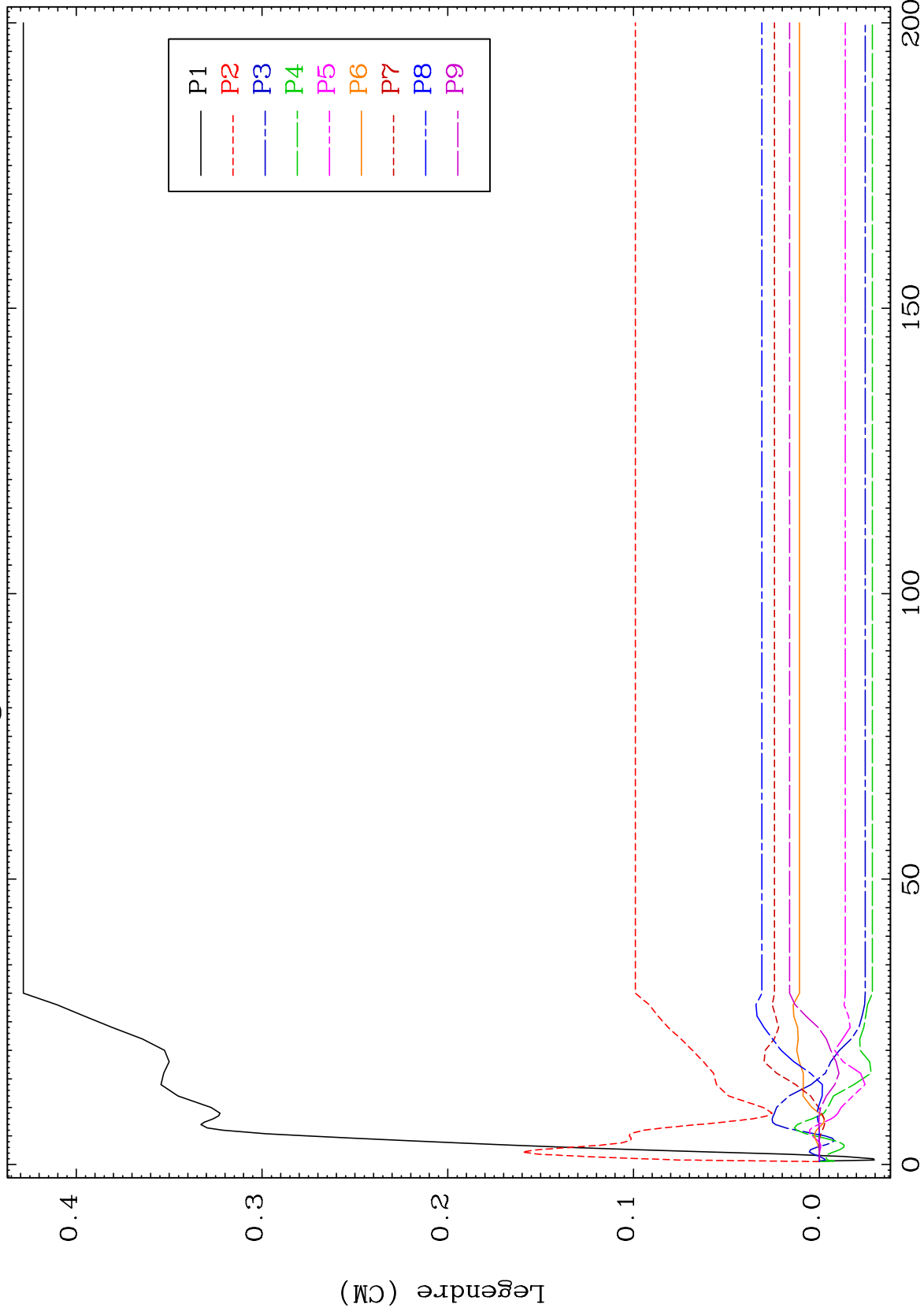


MAT 6095

MT= 52 (n,n') Level

61-Pm-129

Legendre Coefficients



24

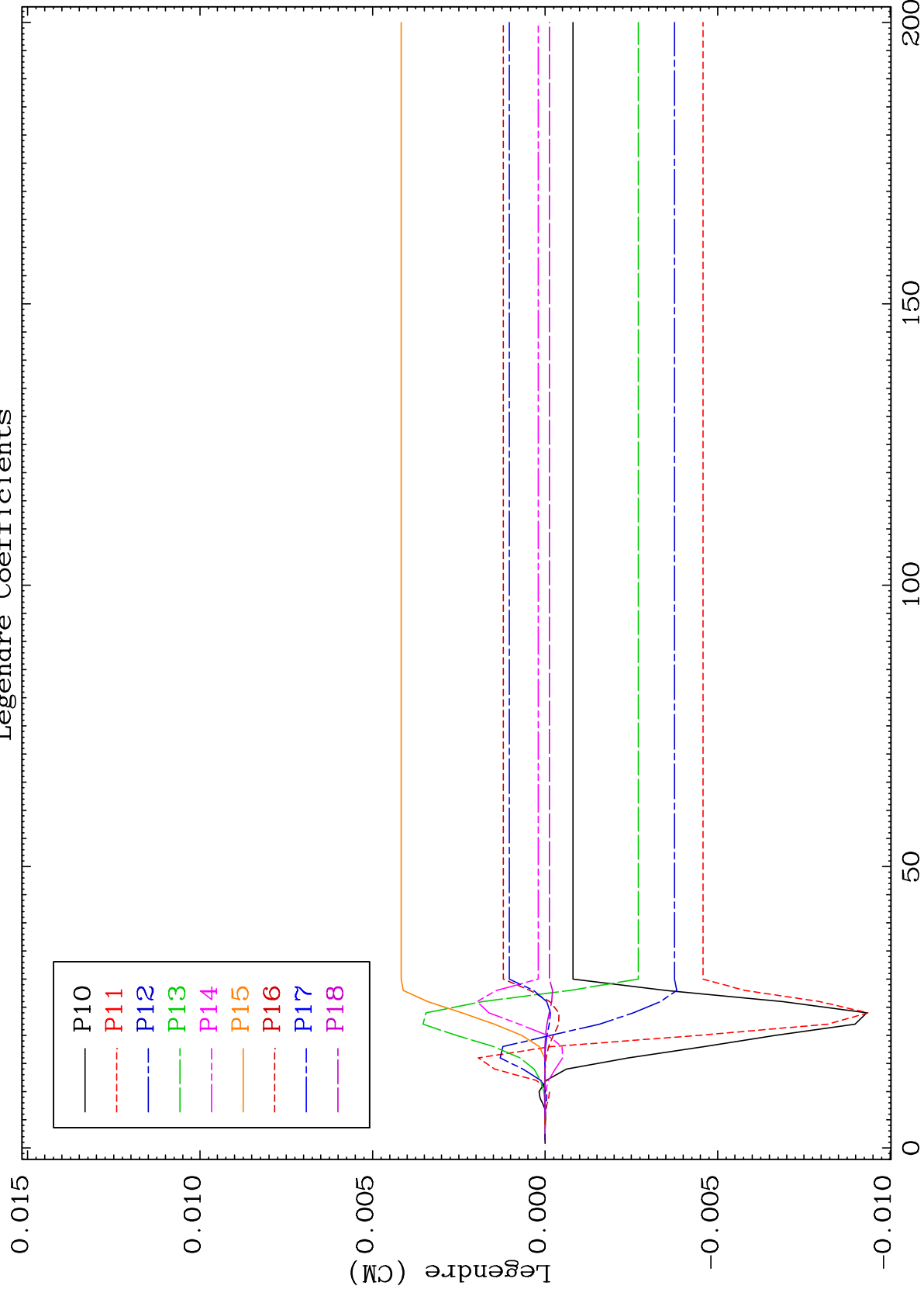
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

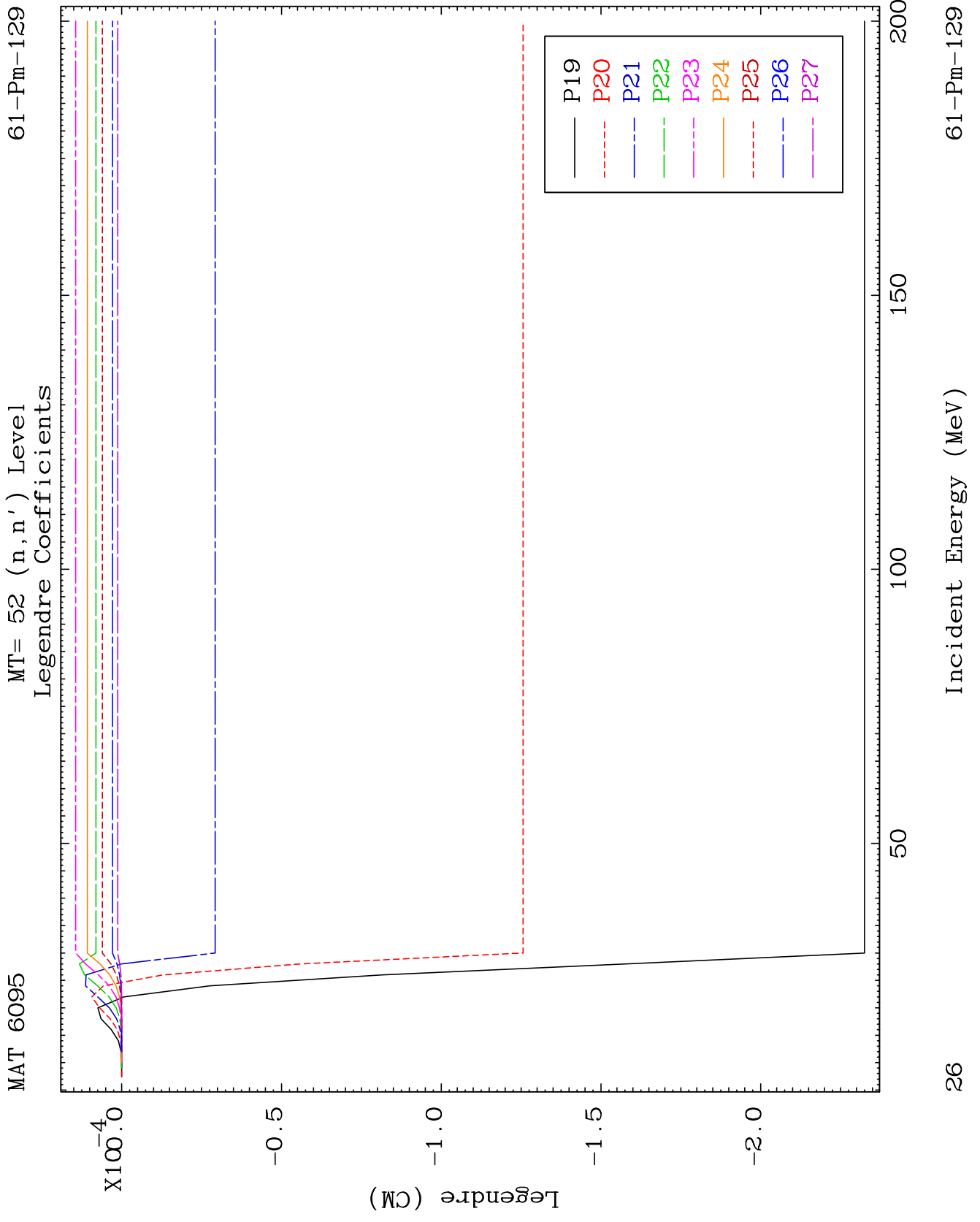
61-Pm-129



25

Incident Energy (MeV)

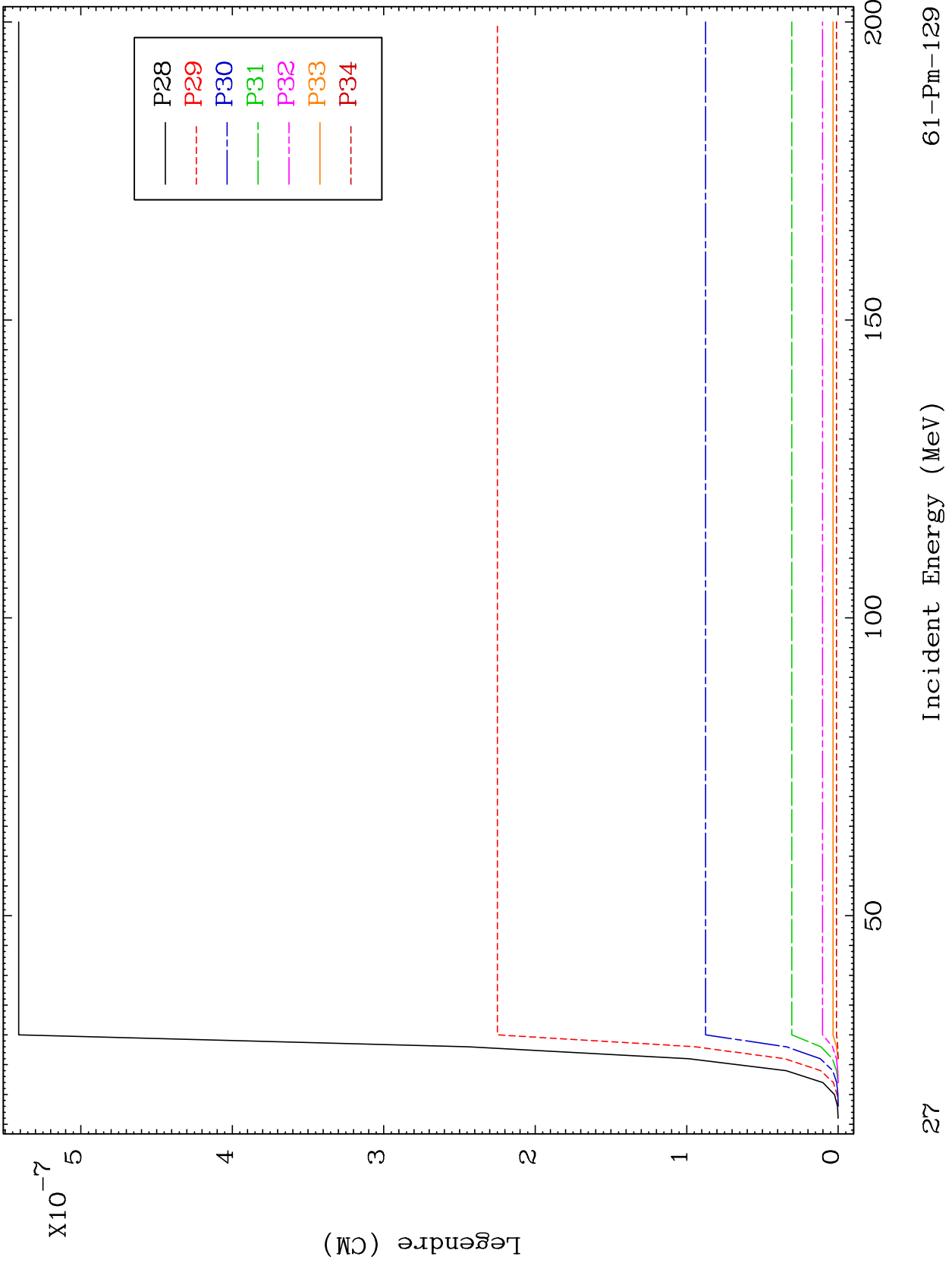
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MAT 6095

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

61-Pm-129



27

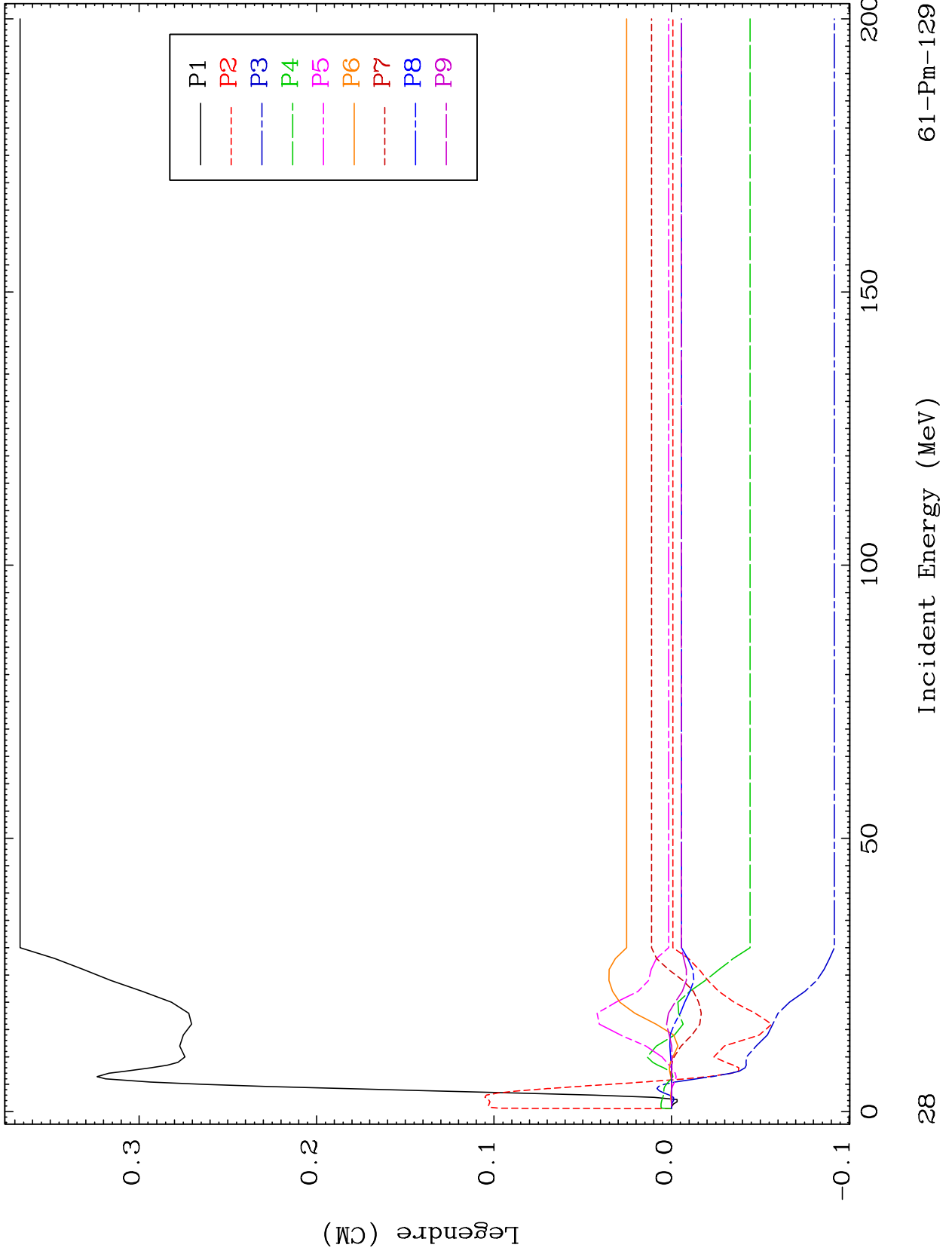
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



28

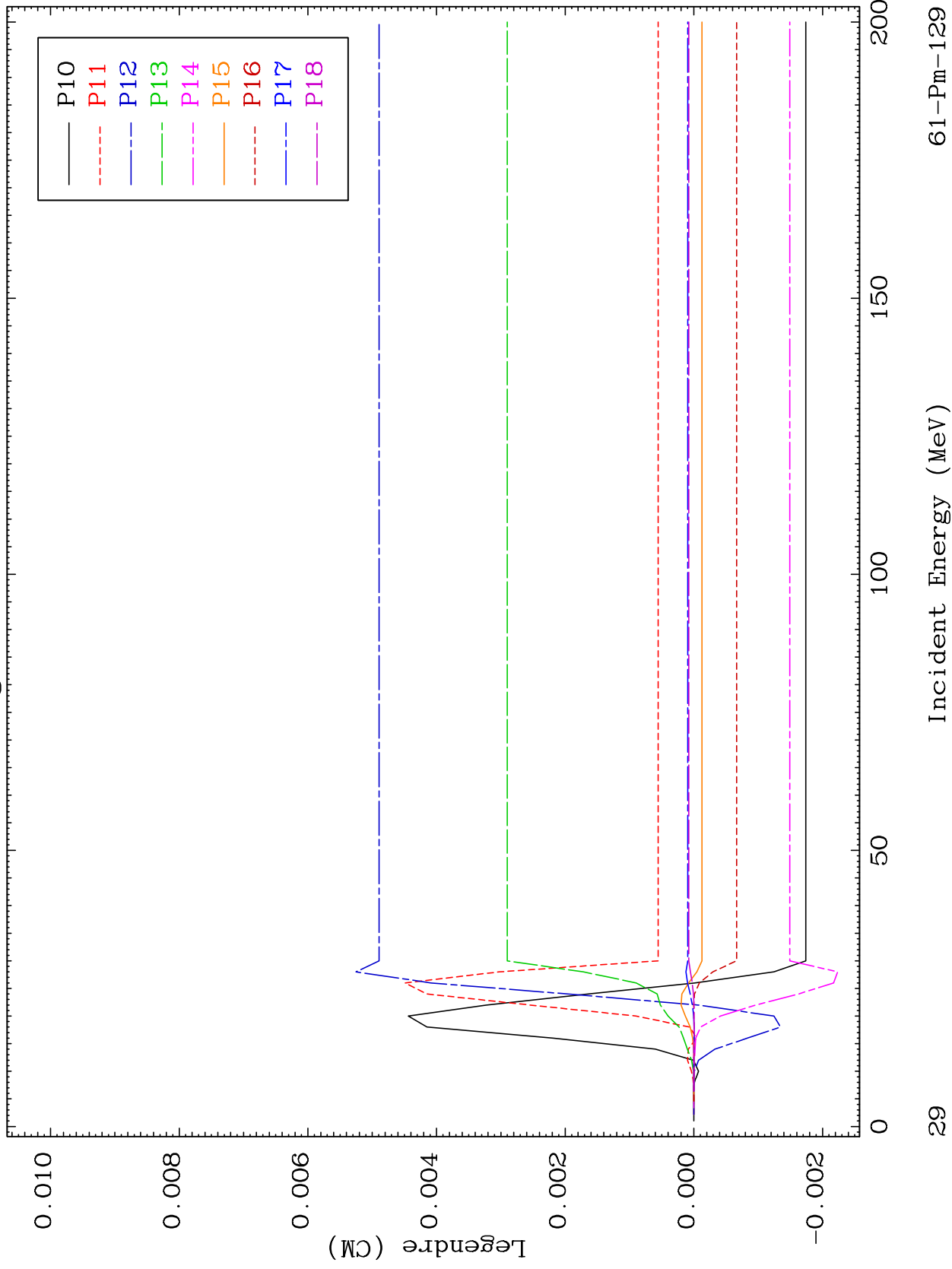
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



61-Pm-129

Incident Energy (MeV)

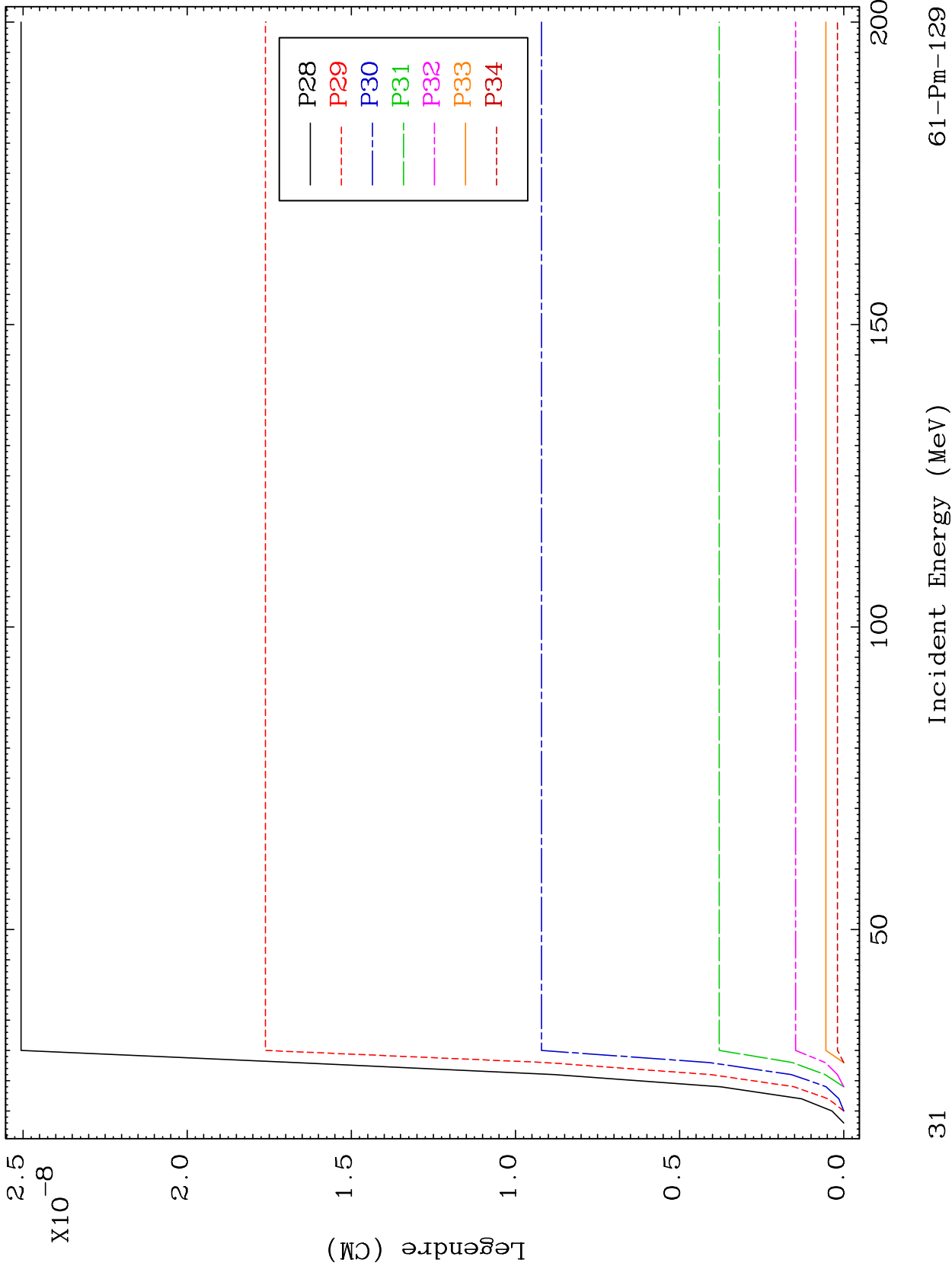
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MAT 6095

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

61-Pm-129



31

Incident Energy (MeV)

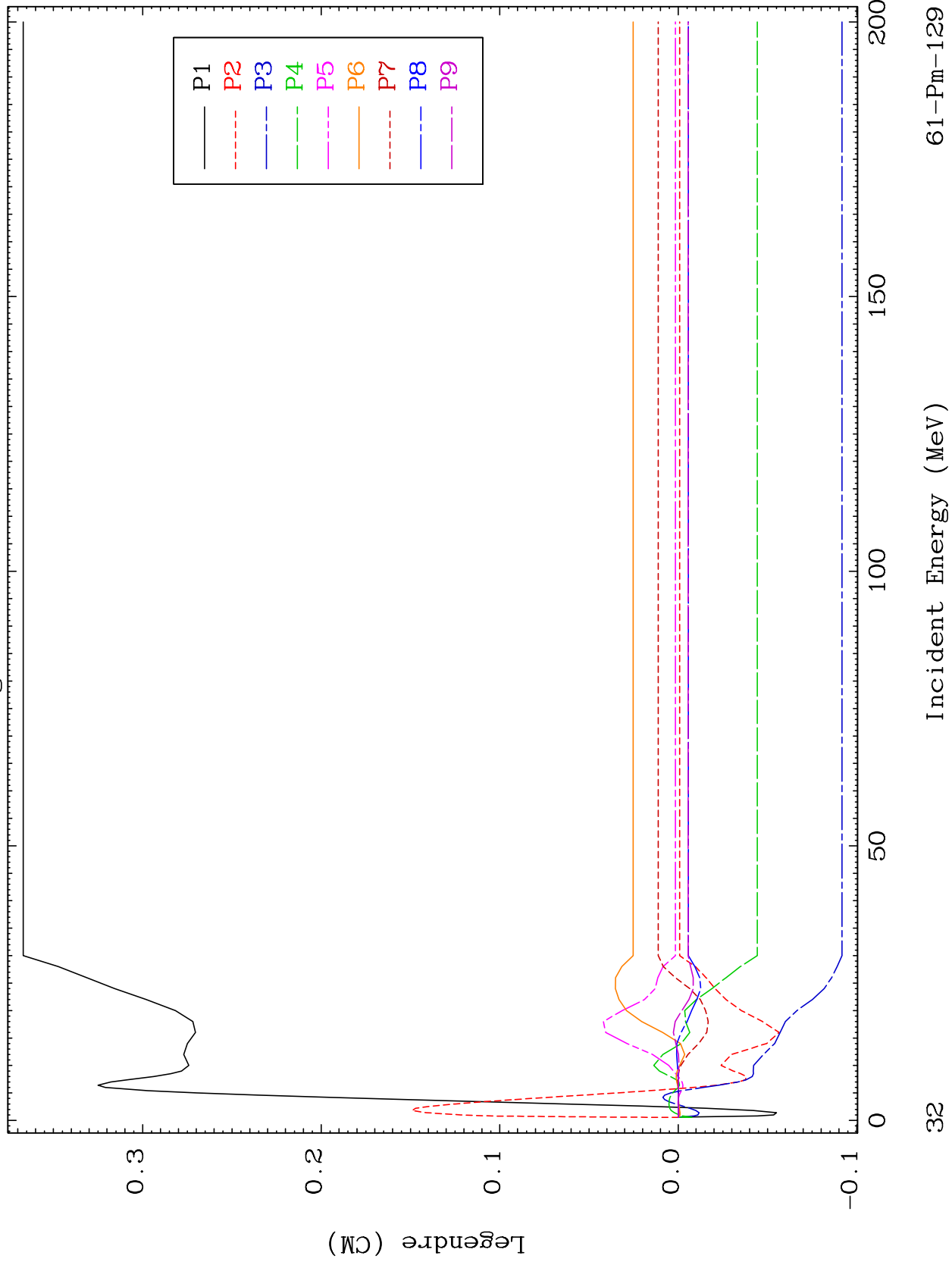
61-Pm-129



MAT 6095

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

61-Pm-129



61-Pm-129

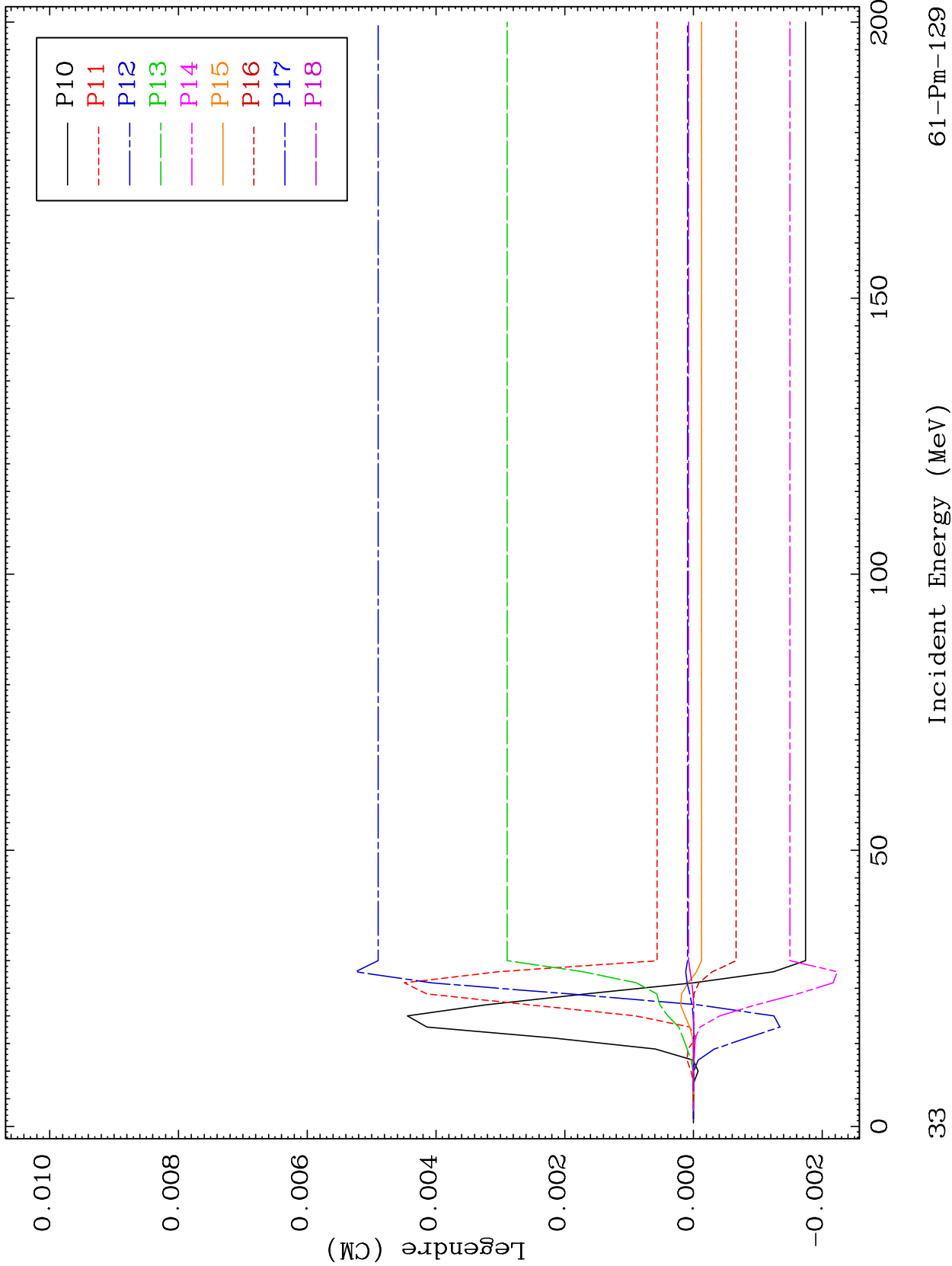
Incident Energy (MeV)

32

MAT 6095

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

61-Pm-129



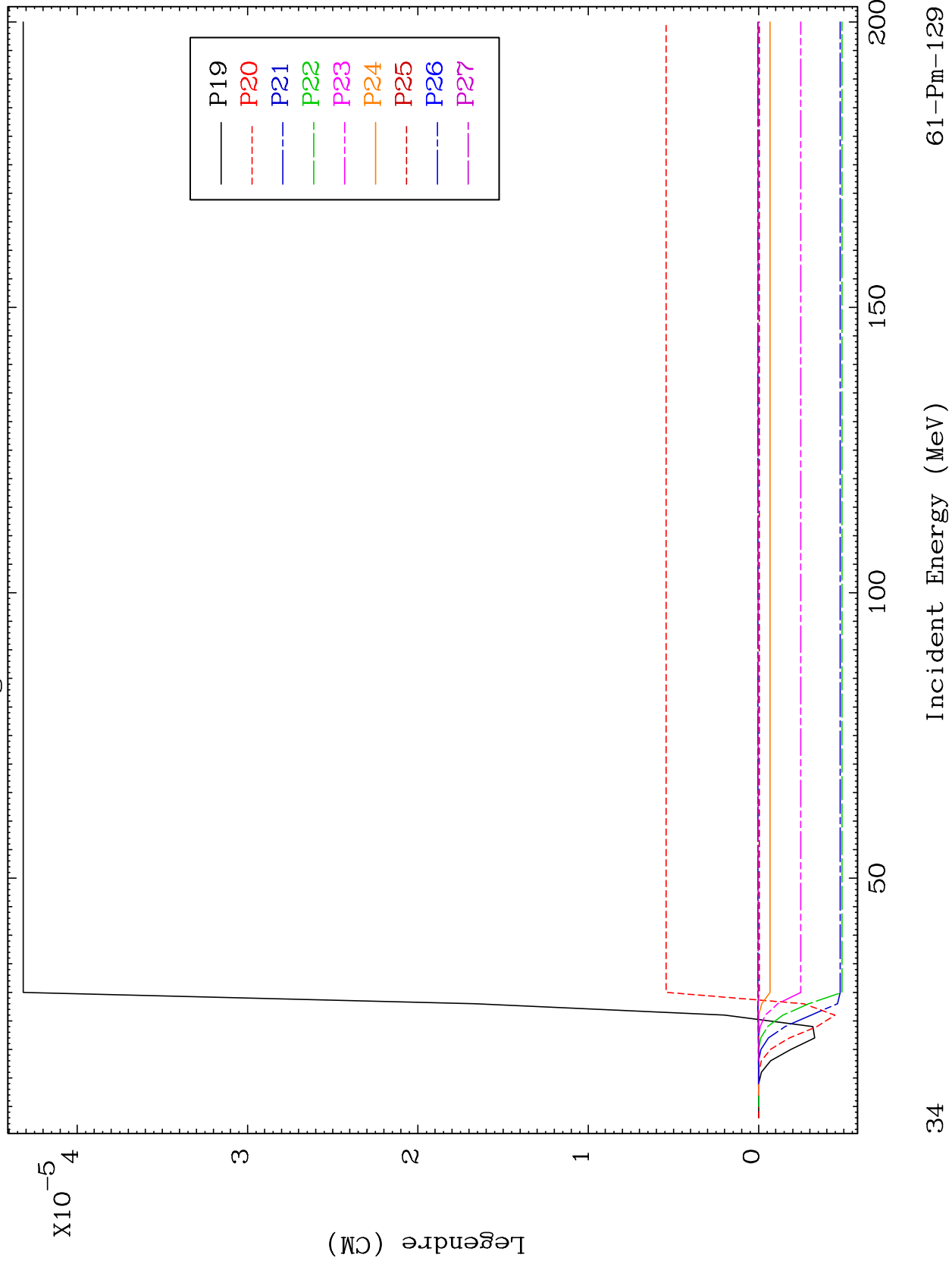
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61-Pm-129

MAT 6095

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

61-Pm-129



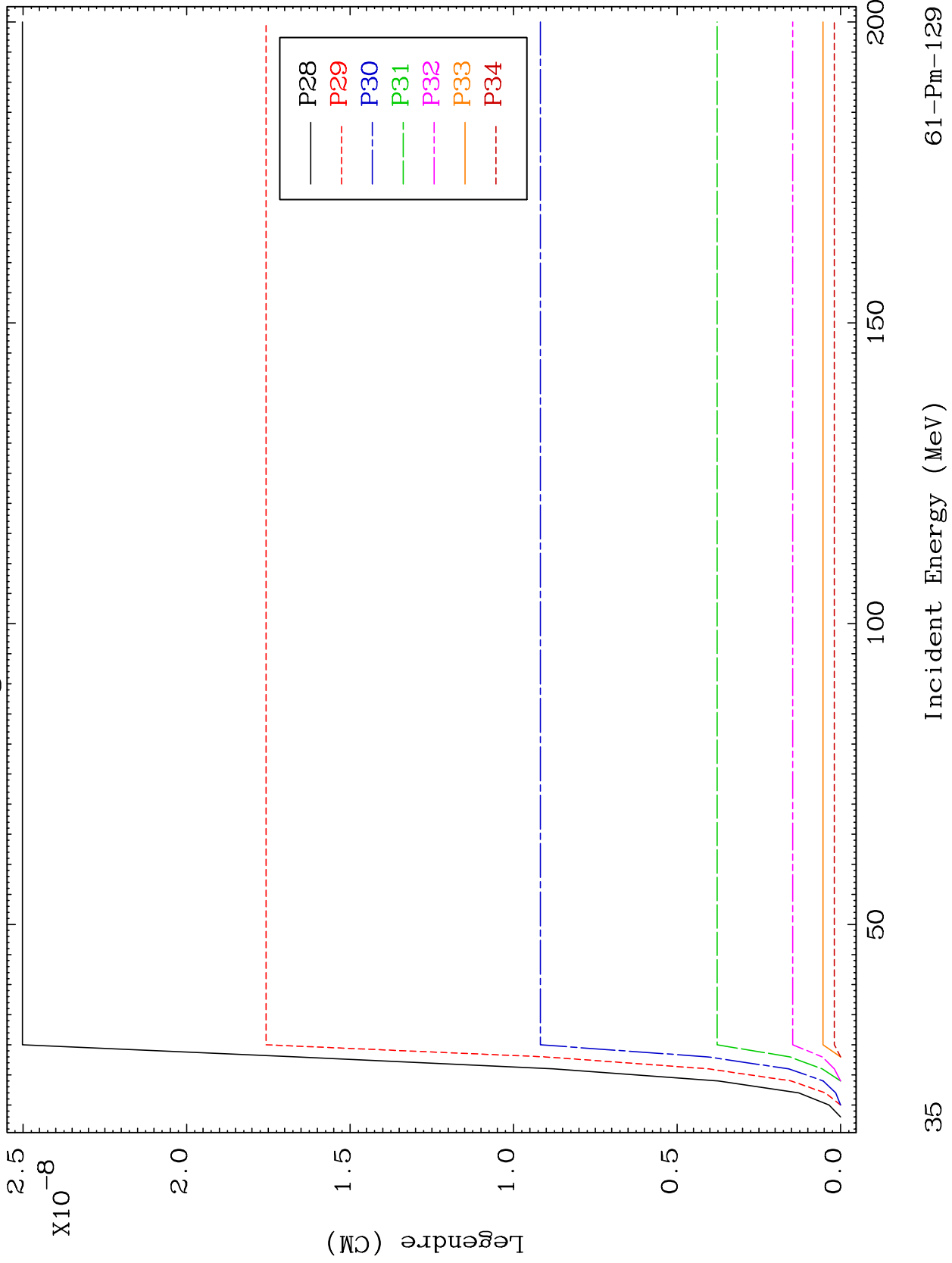
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61-Pm-129

MAT 6095

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

61-Pm-129



35

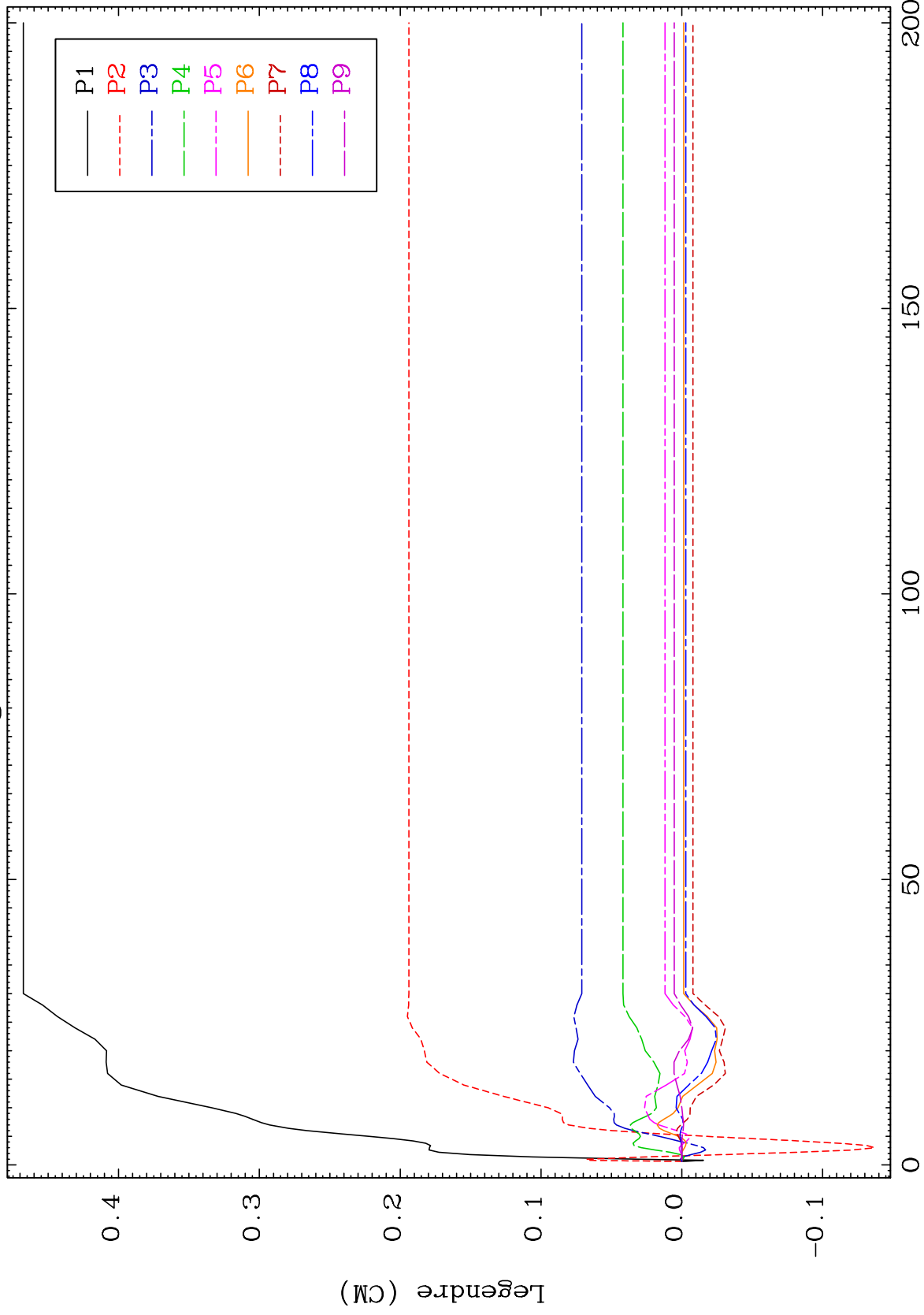
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



36

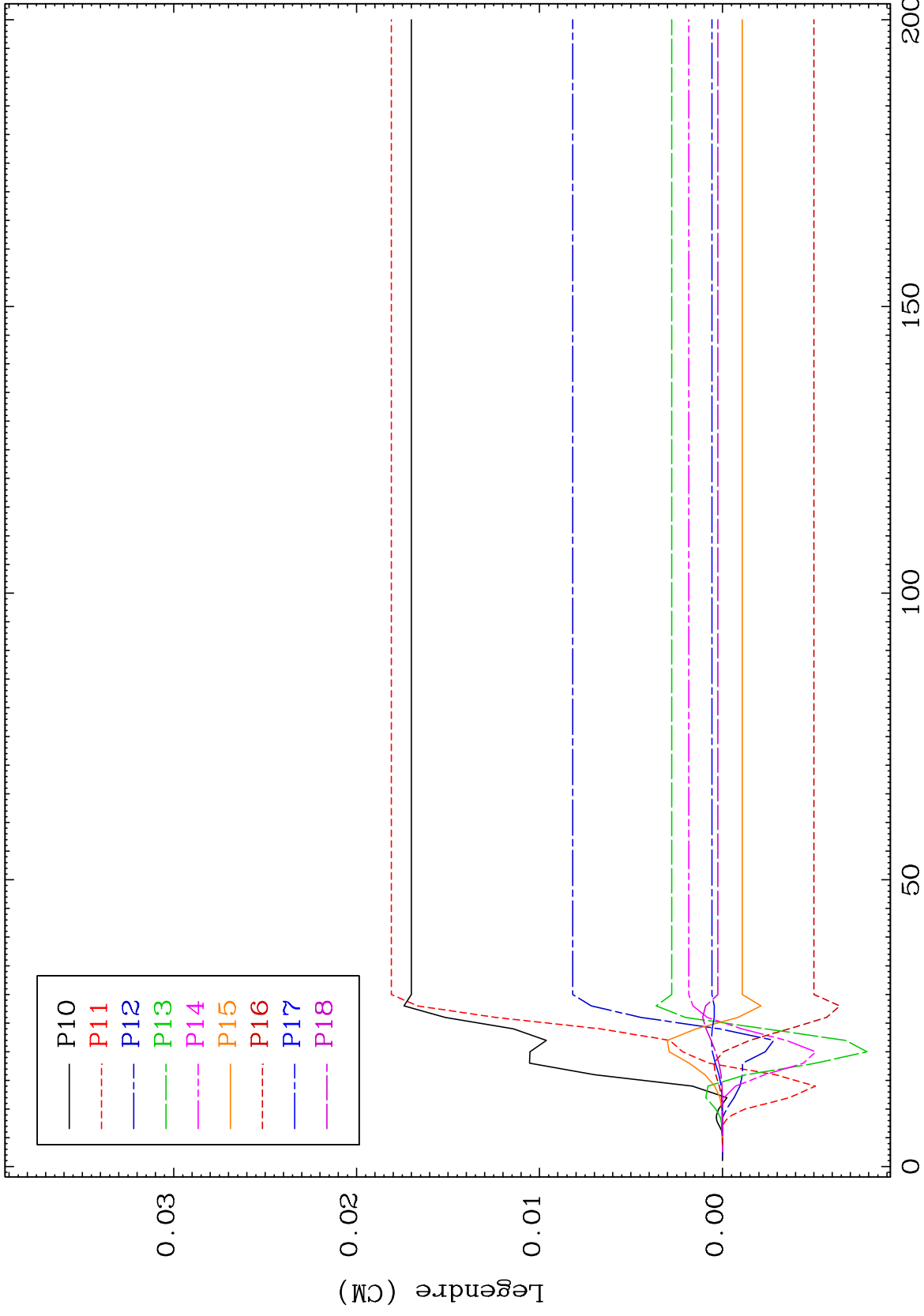
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

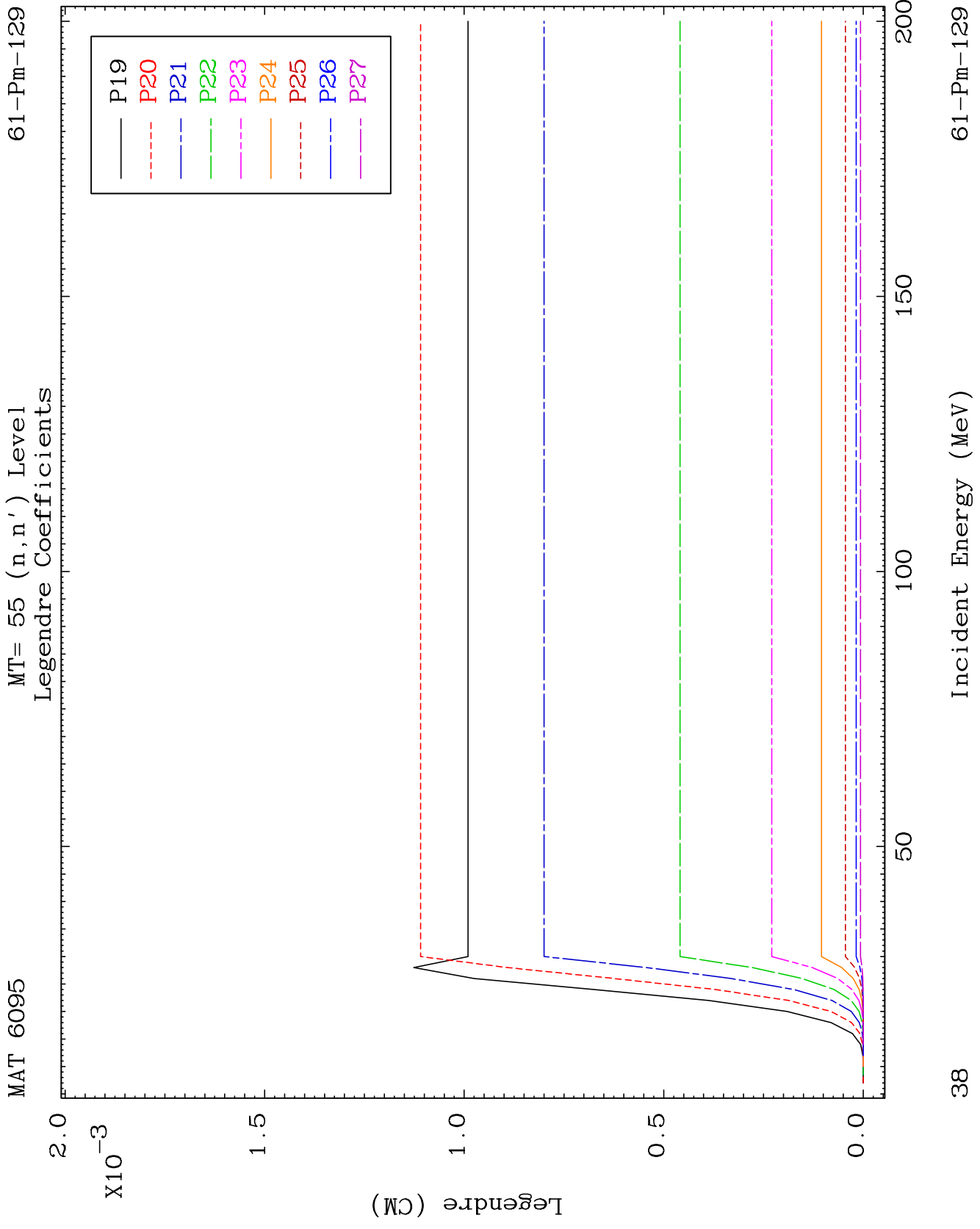
61-Pm-129



37

Incident Energy (MeV)

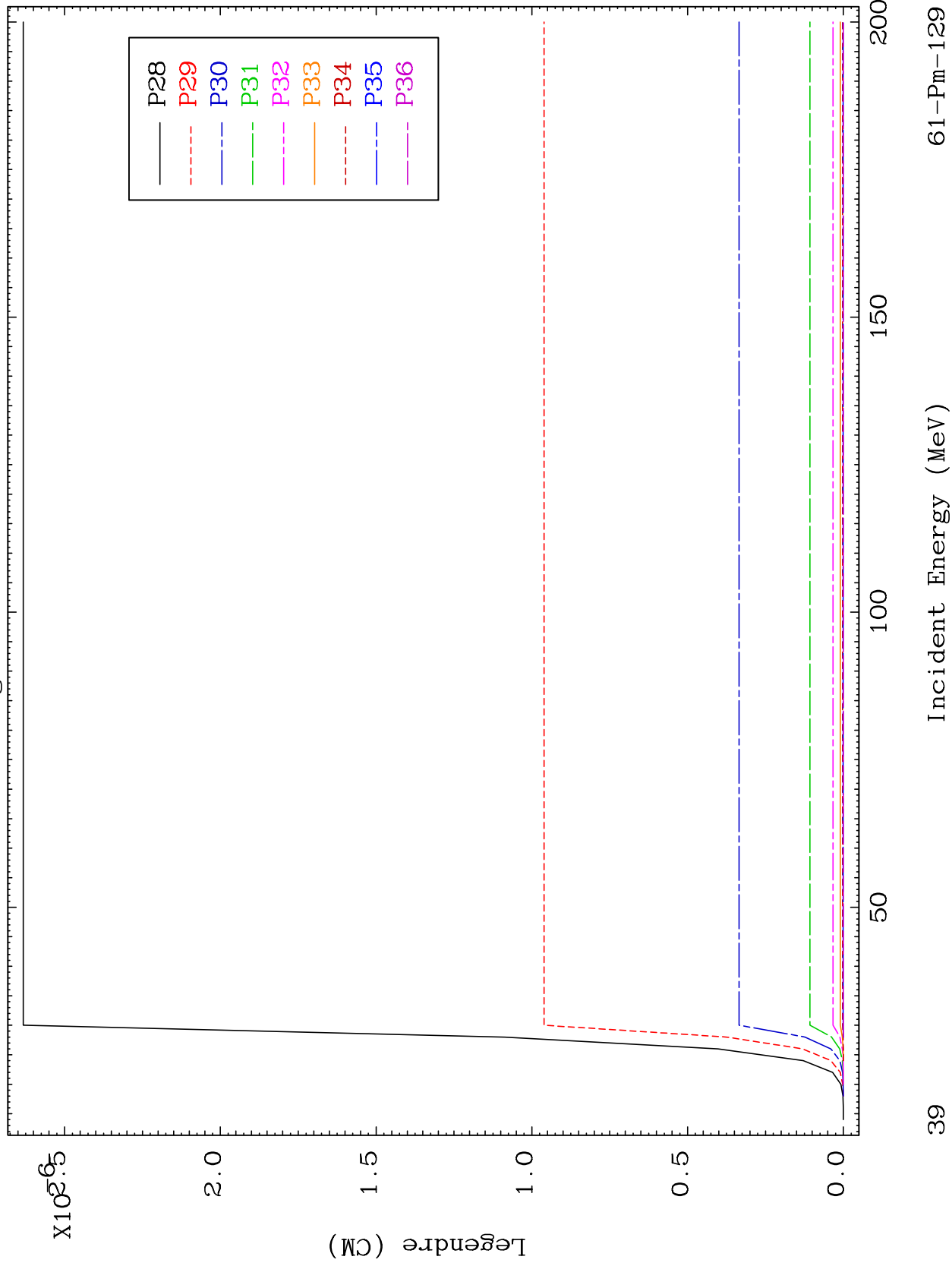
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MAT 6095

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

61-Pm-129



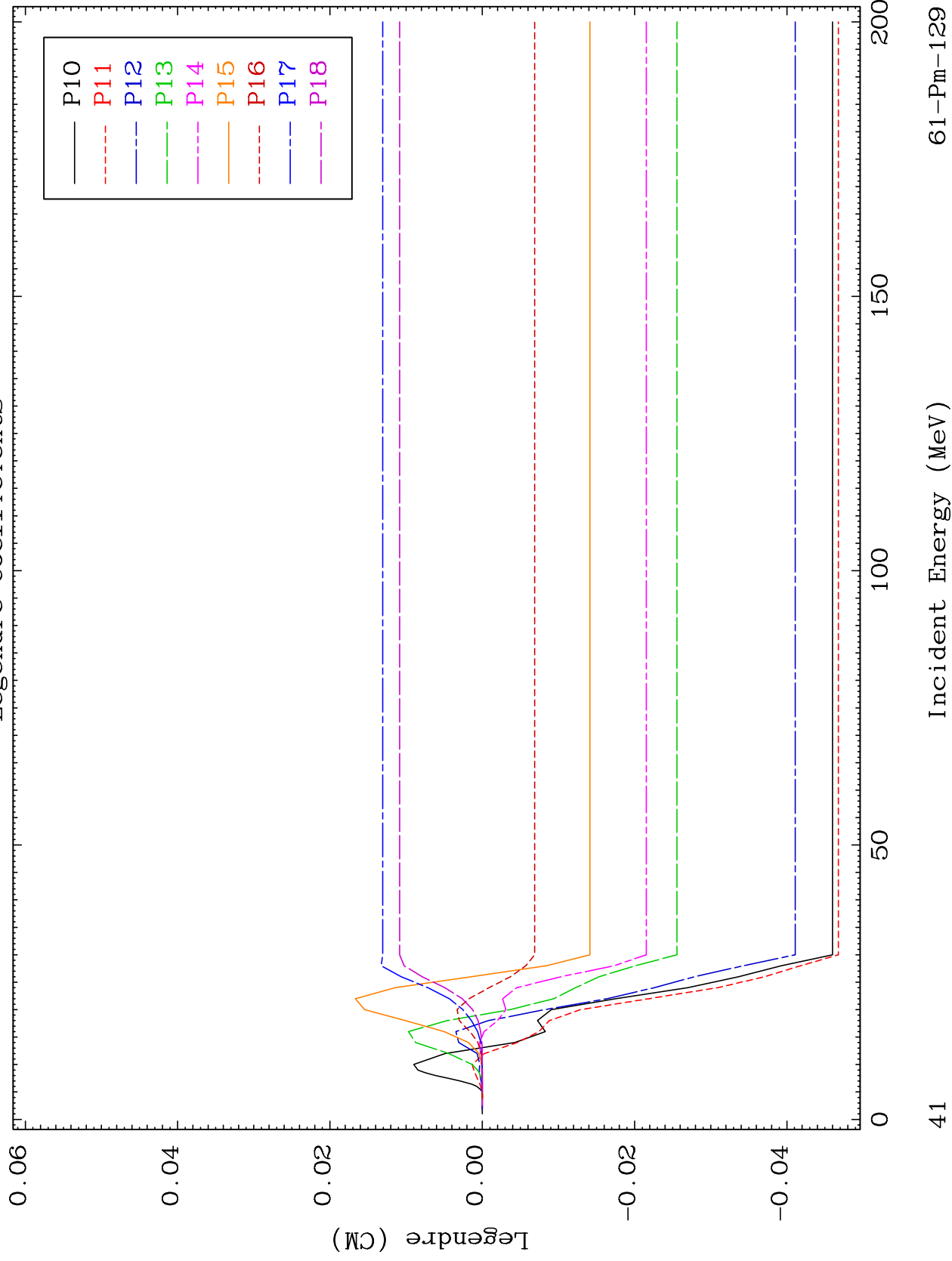




MAT 6095

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

61-Pm-129



41

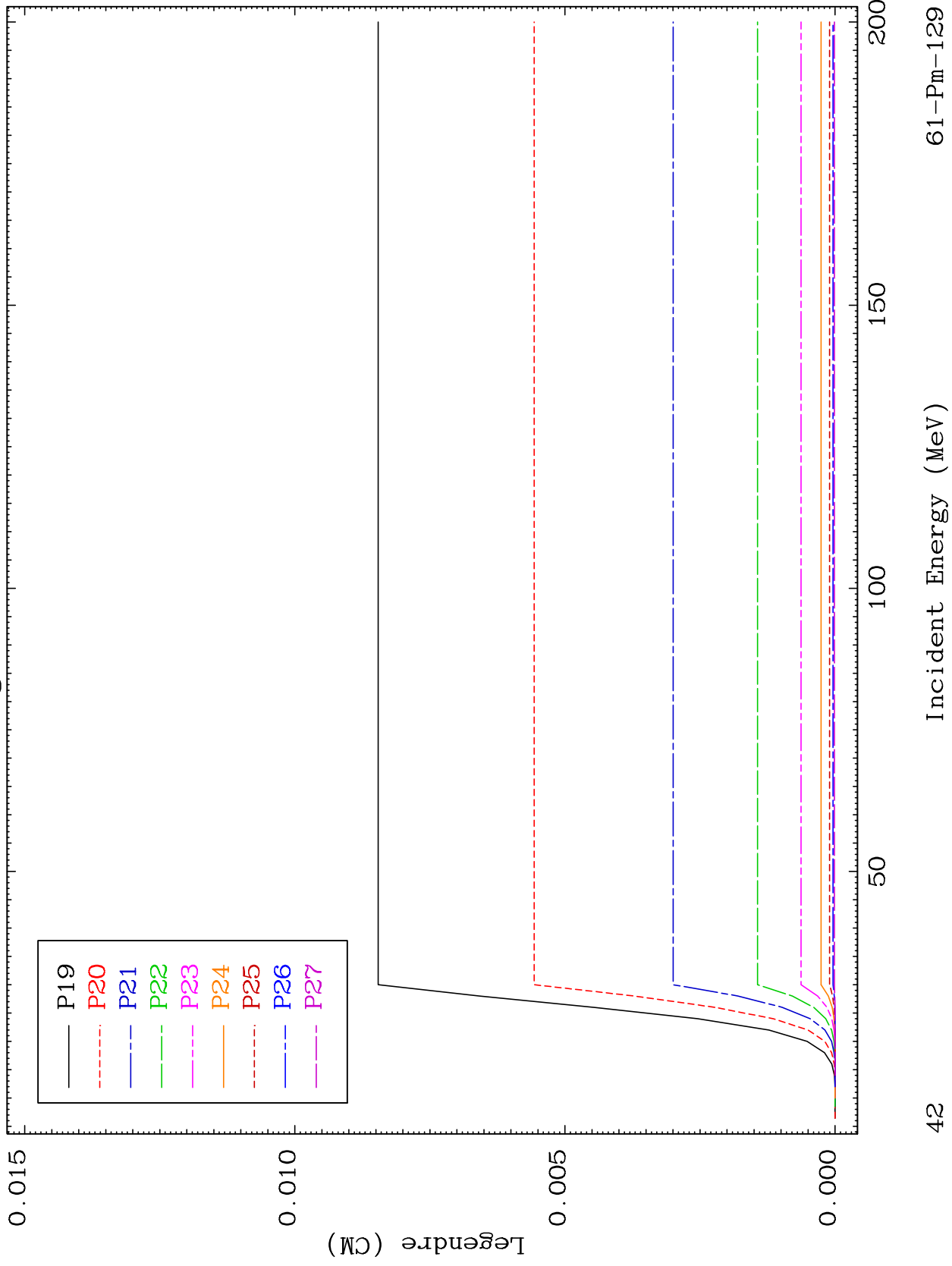
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



42

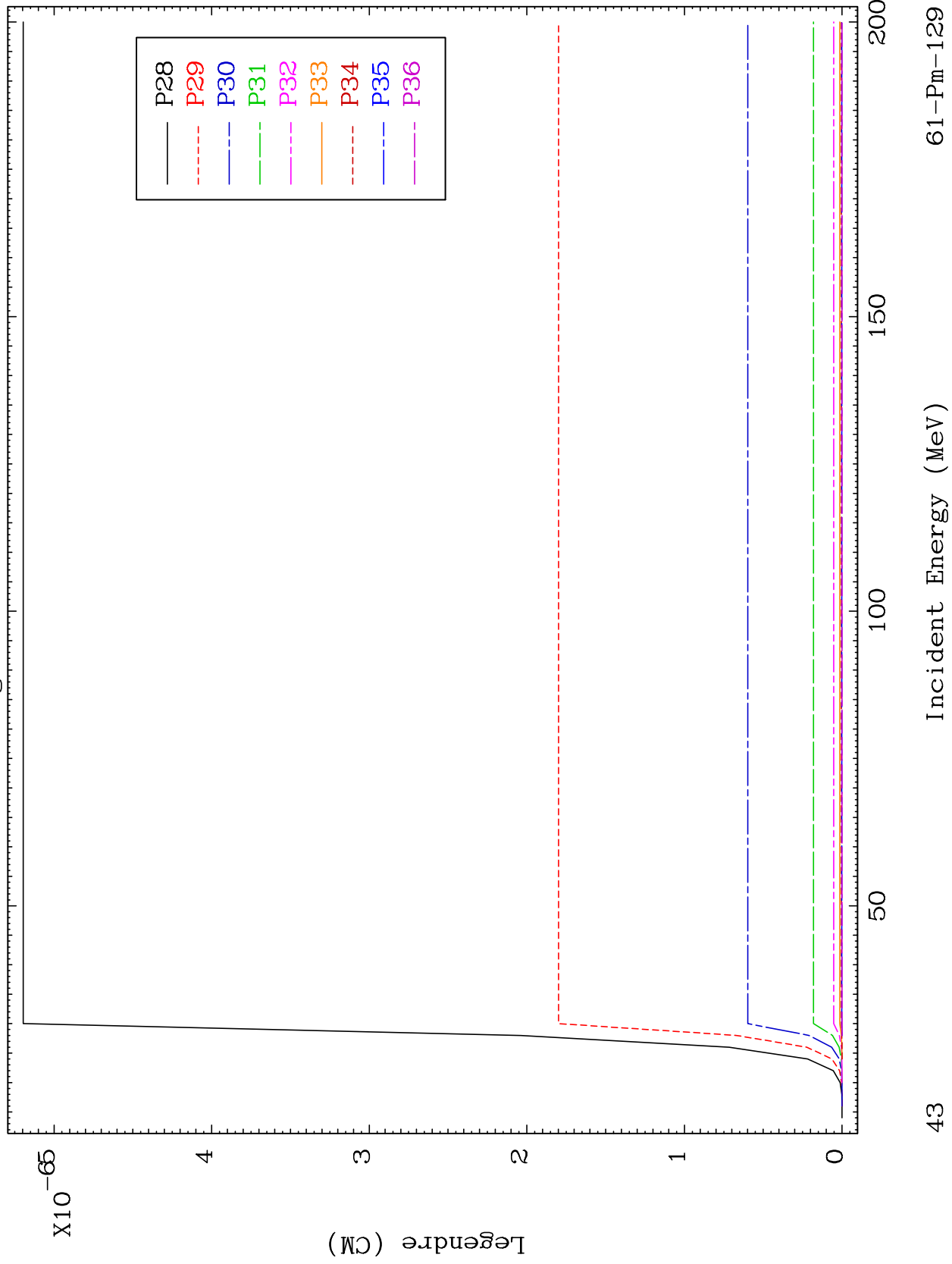
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



43

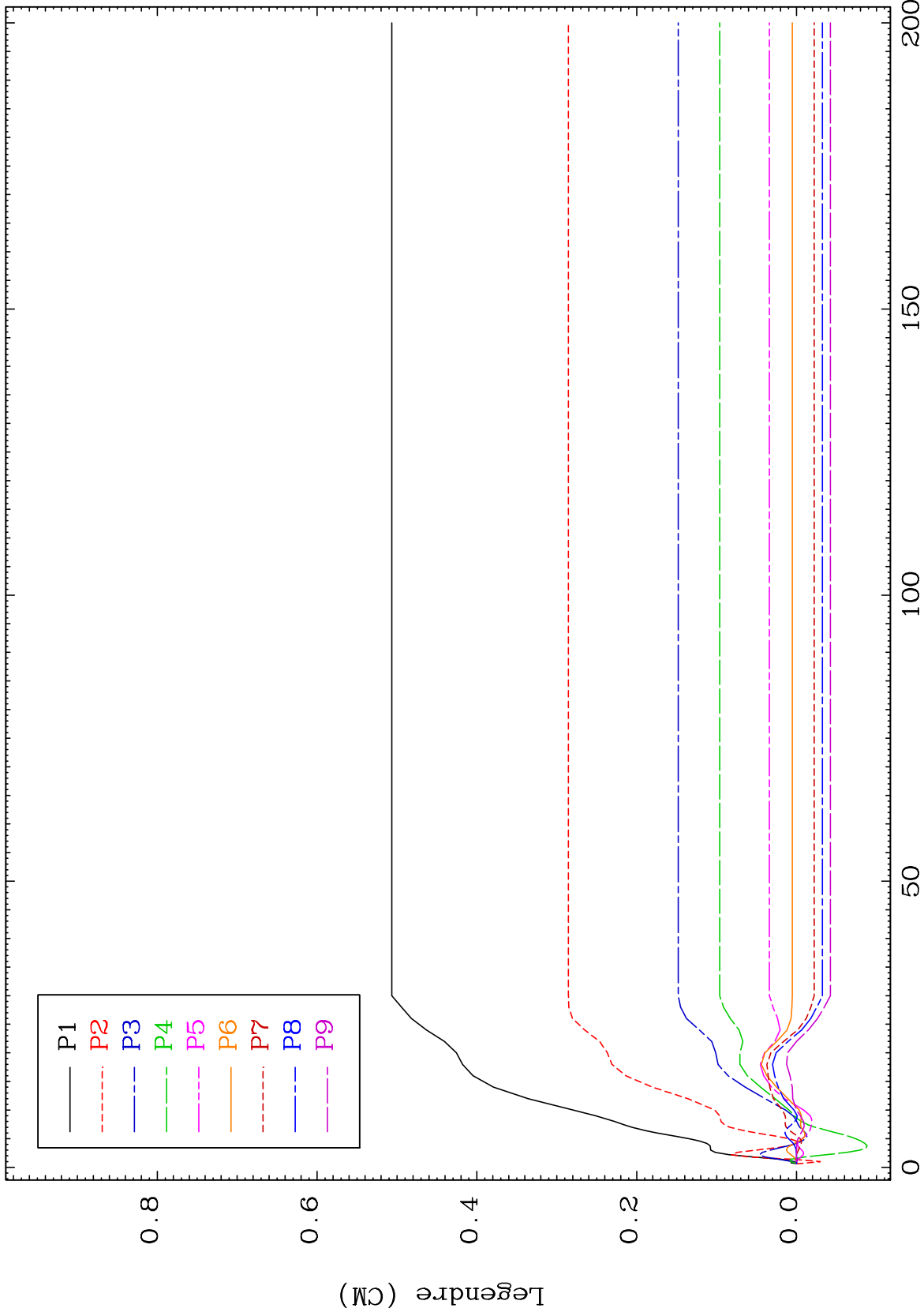
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

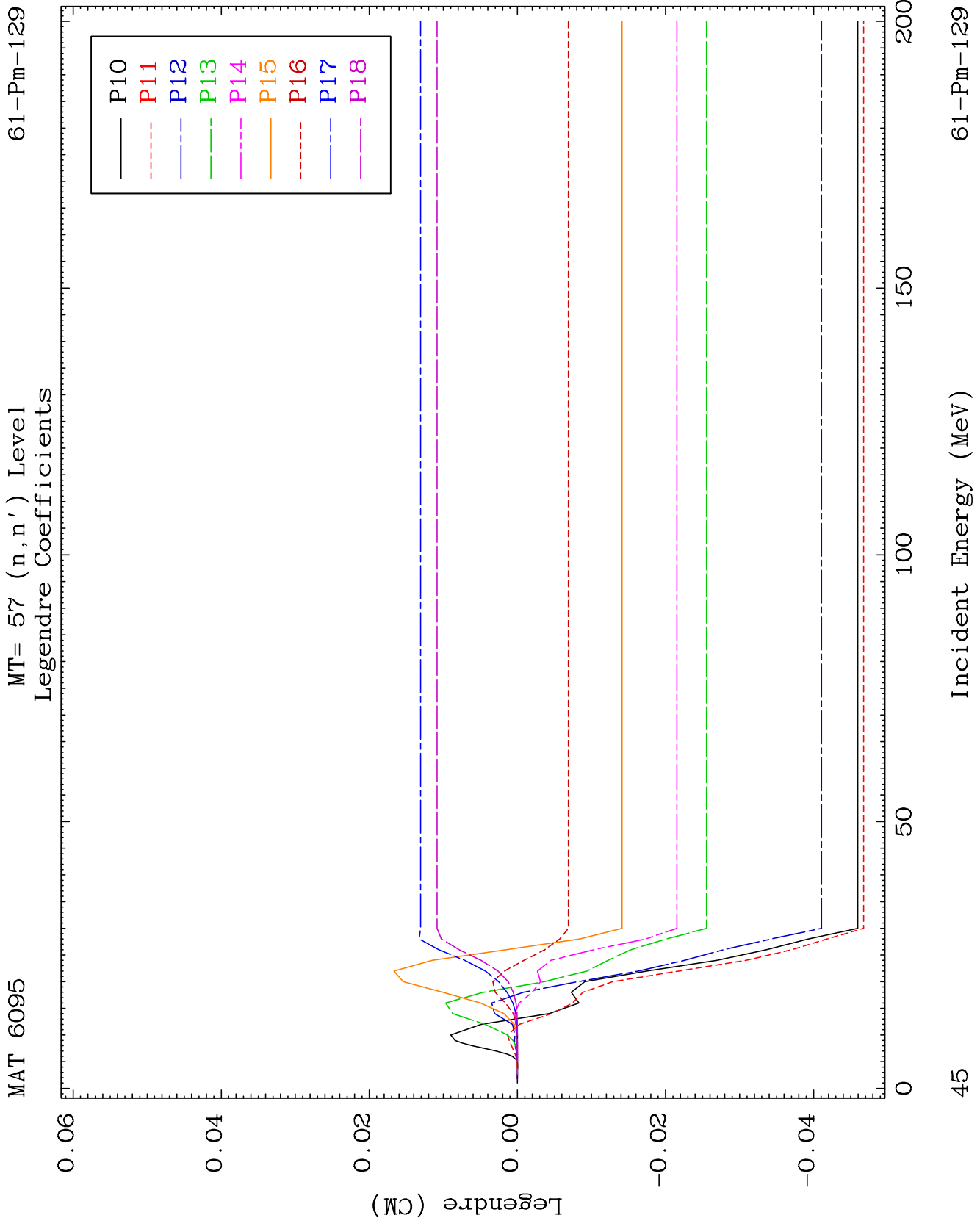
61-Pm-129



44

Incident Energy (MeV)

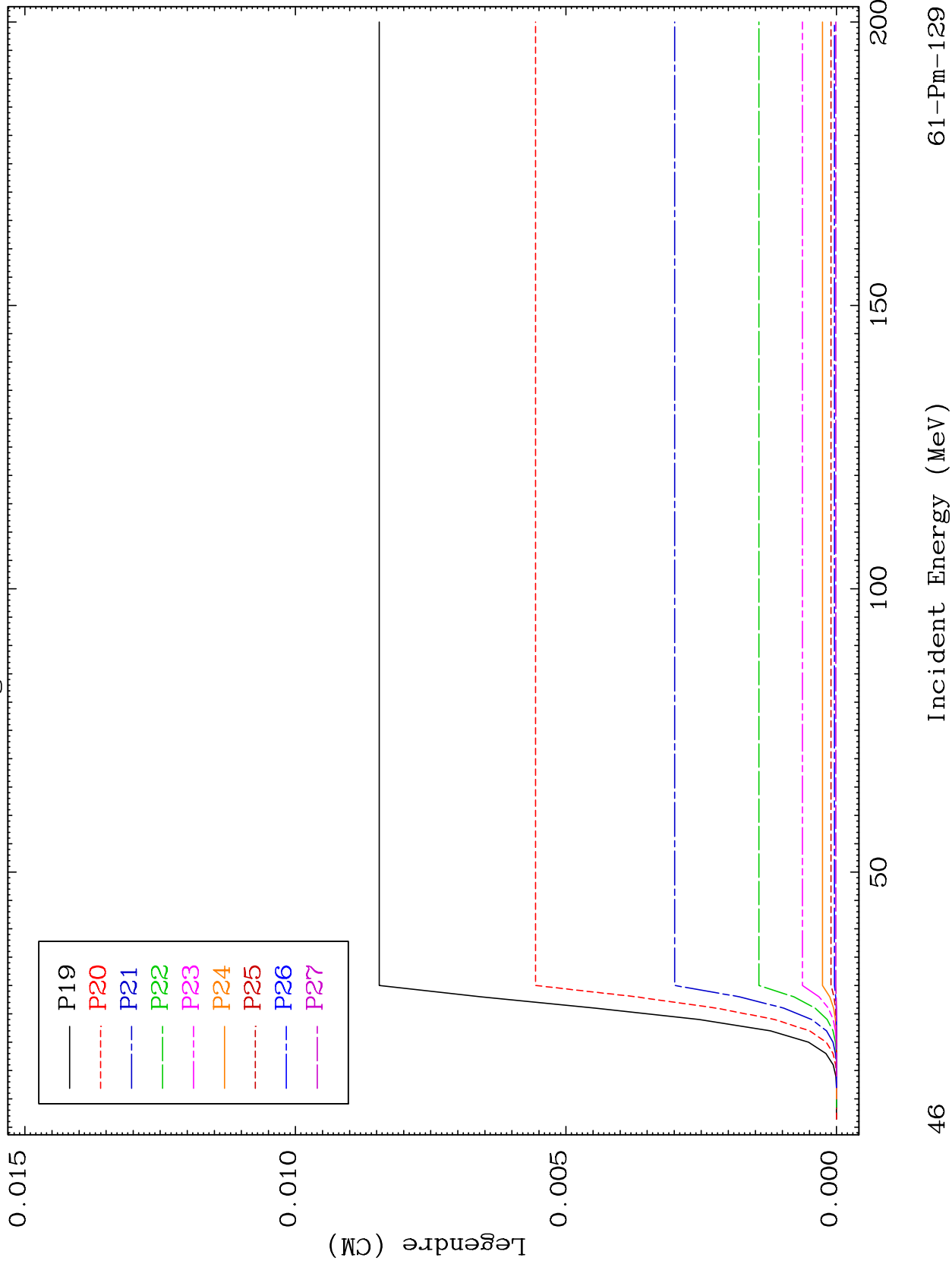
61-Pm-129



MAT 6095

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

61-Pm-129



46

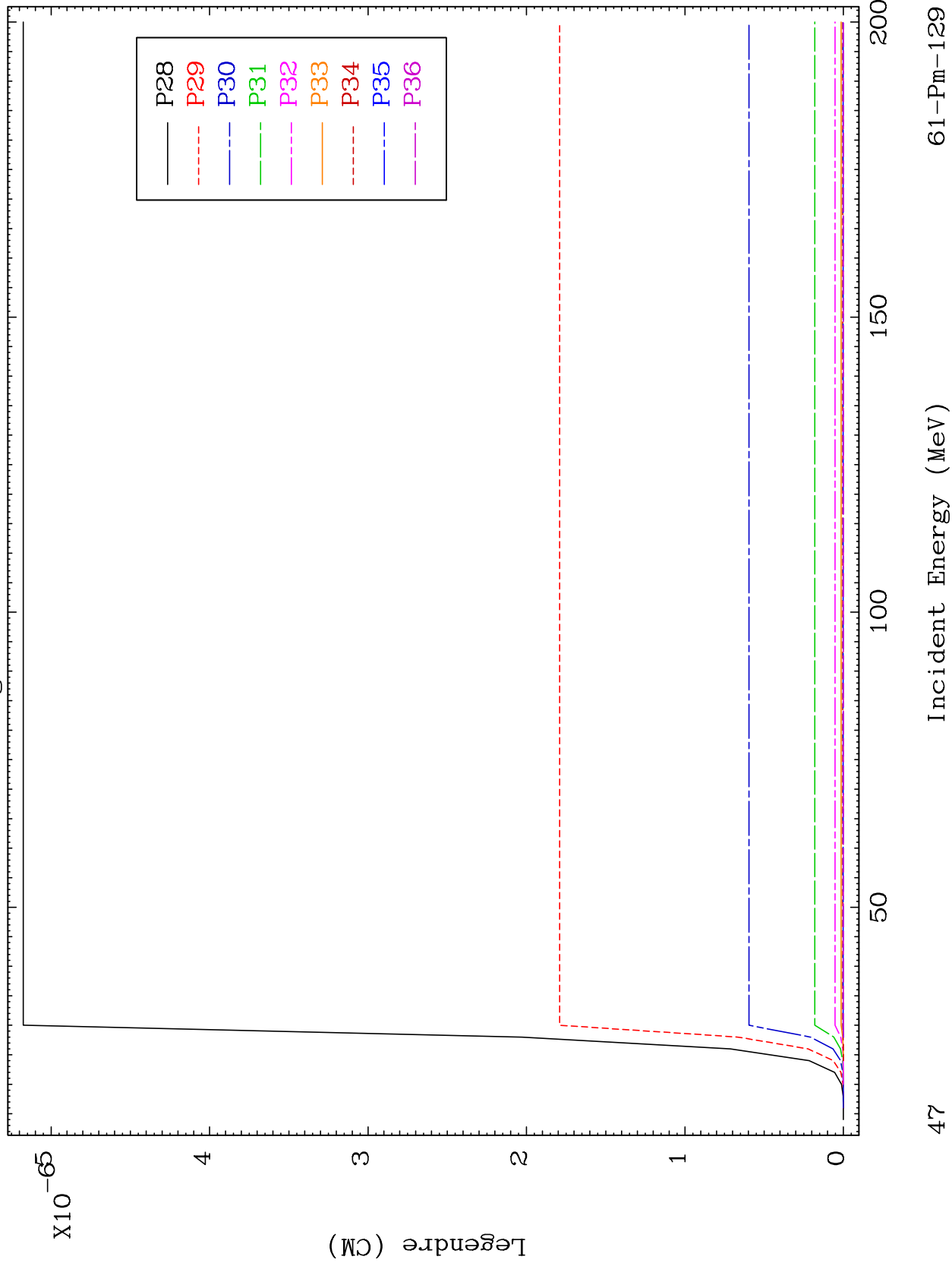
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129

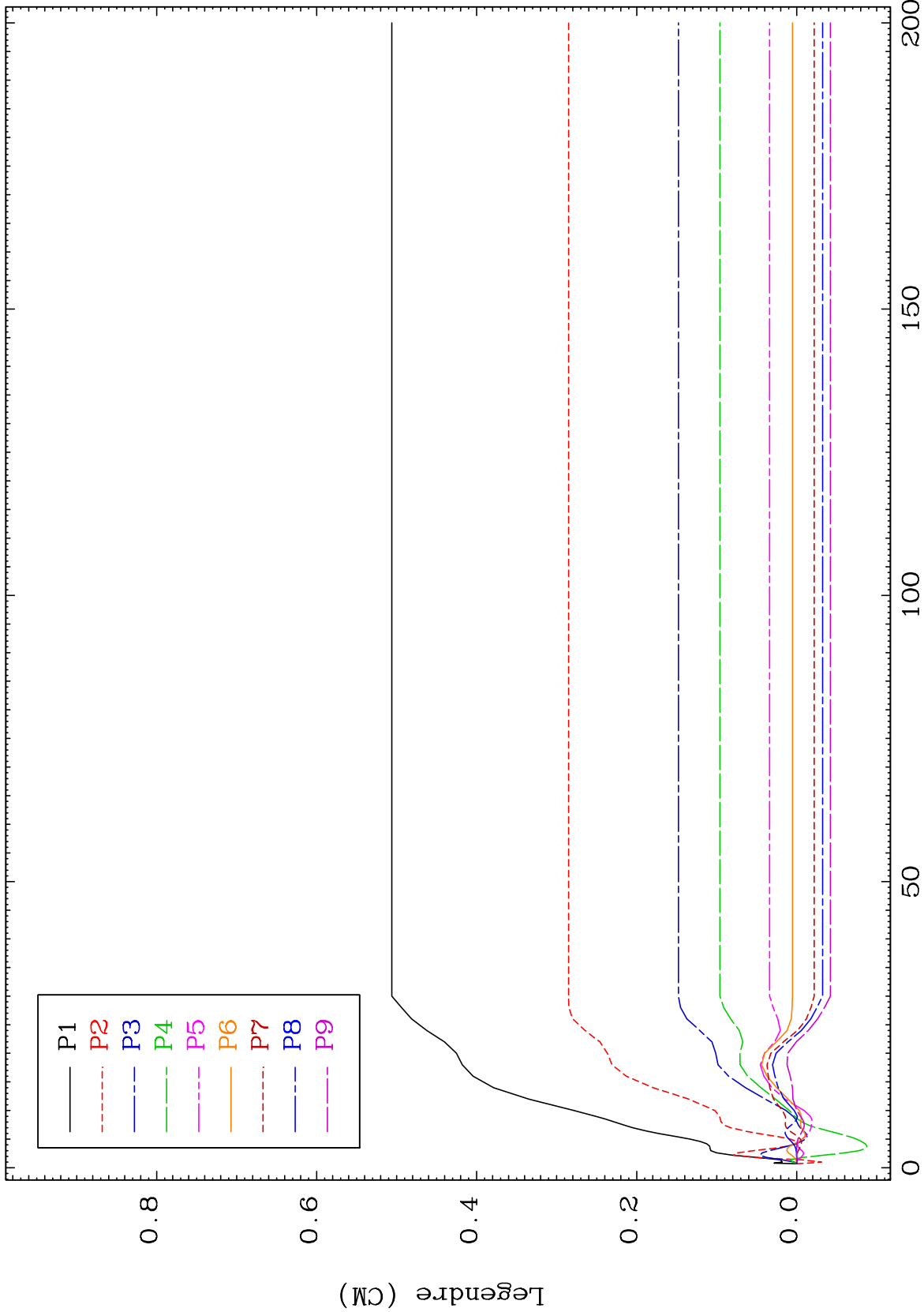




MAT 6095

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

61-Pm-129



48

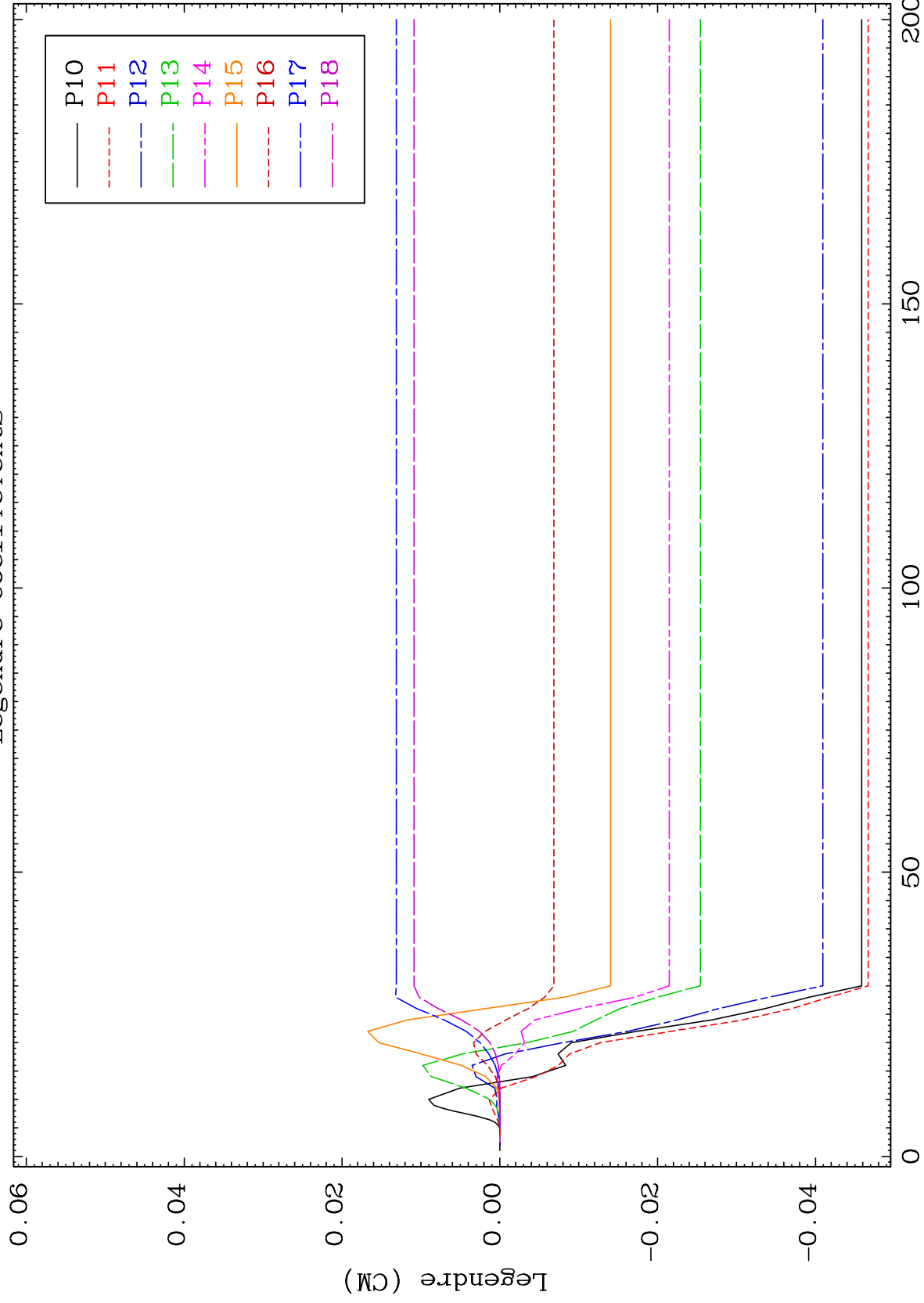
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

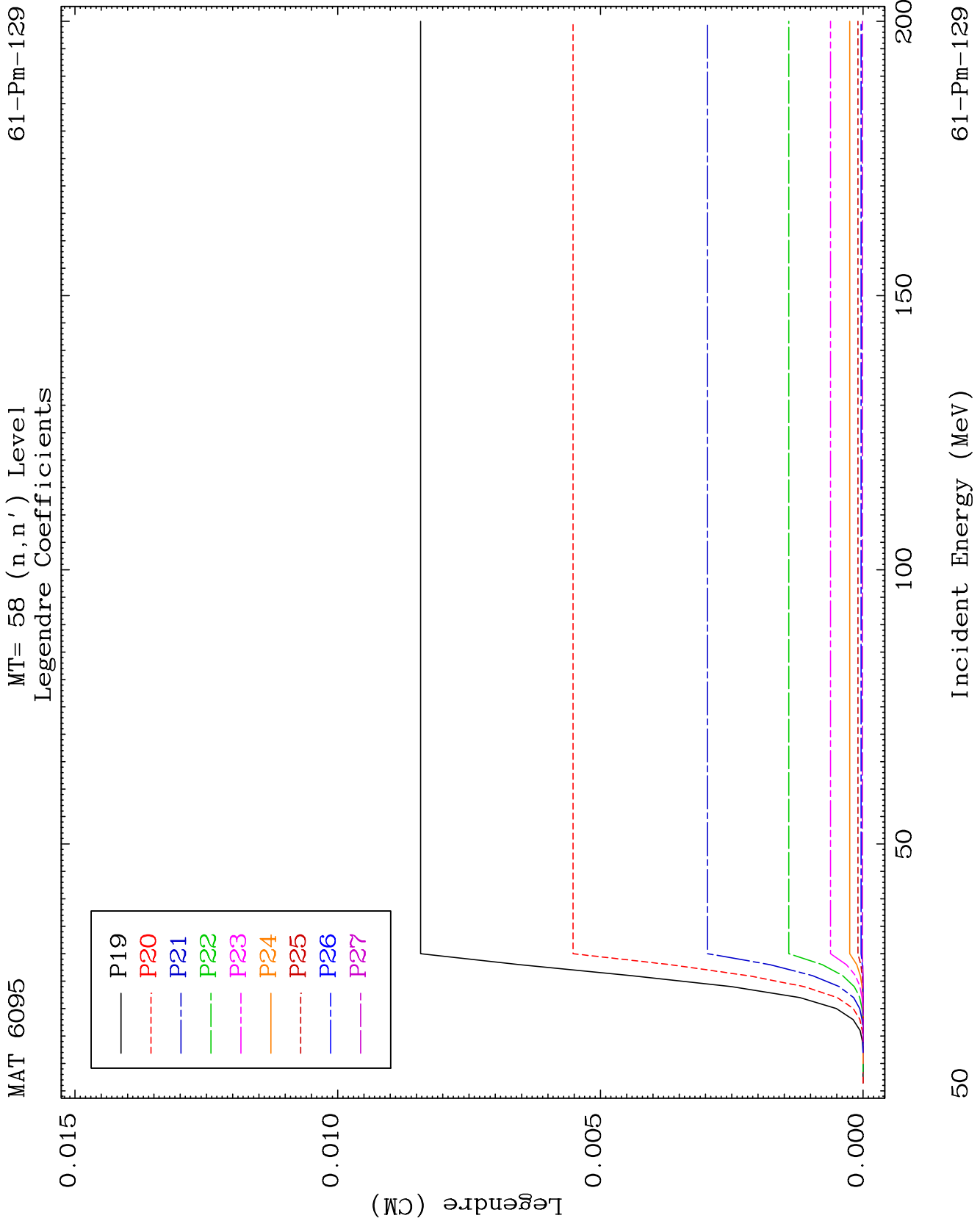
61-Pm-129



49

Incident Energy (MeV)

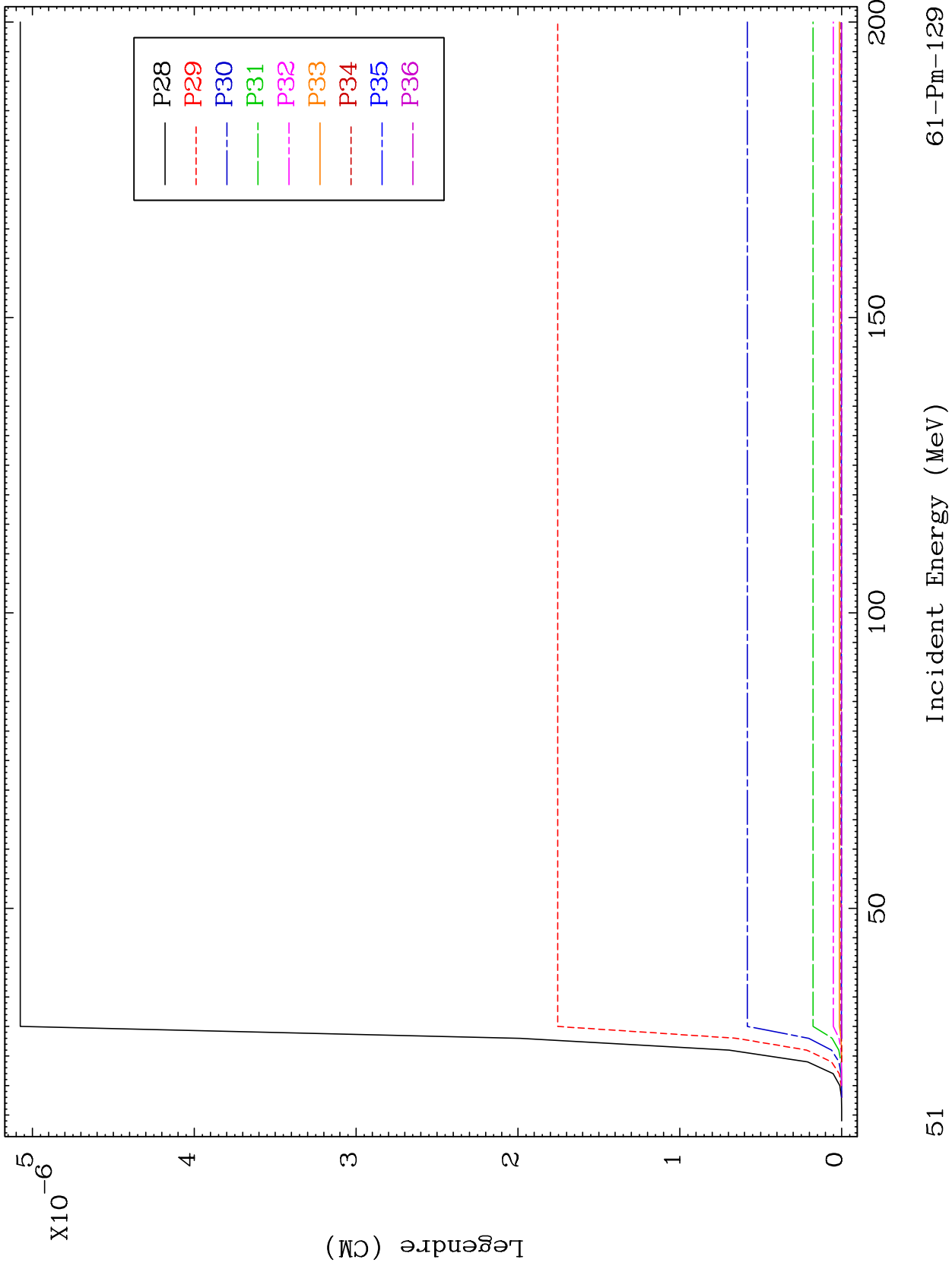
61-Pm-129



MAT 6095

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

61-Pm-129



51

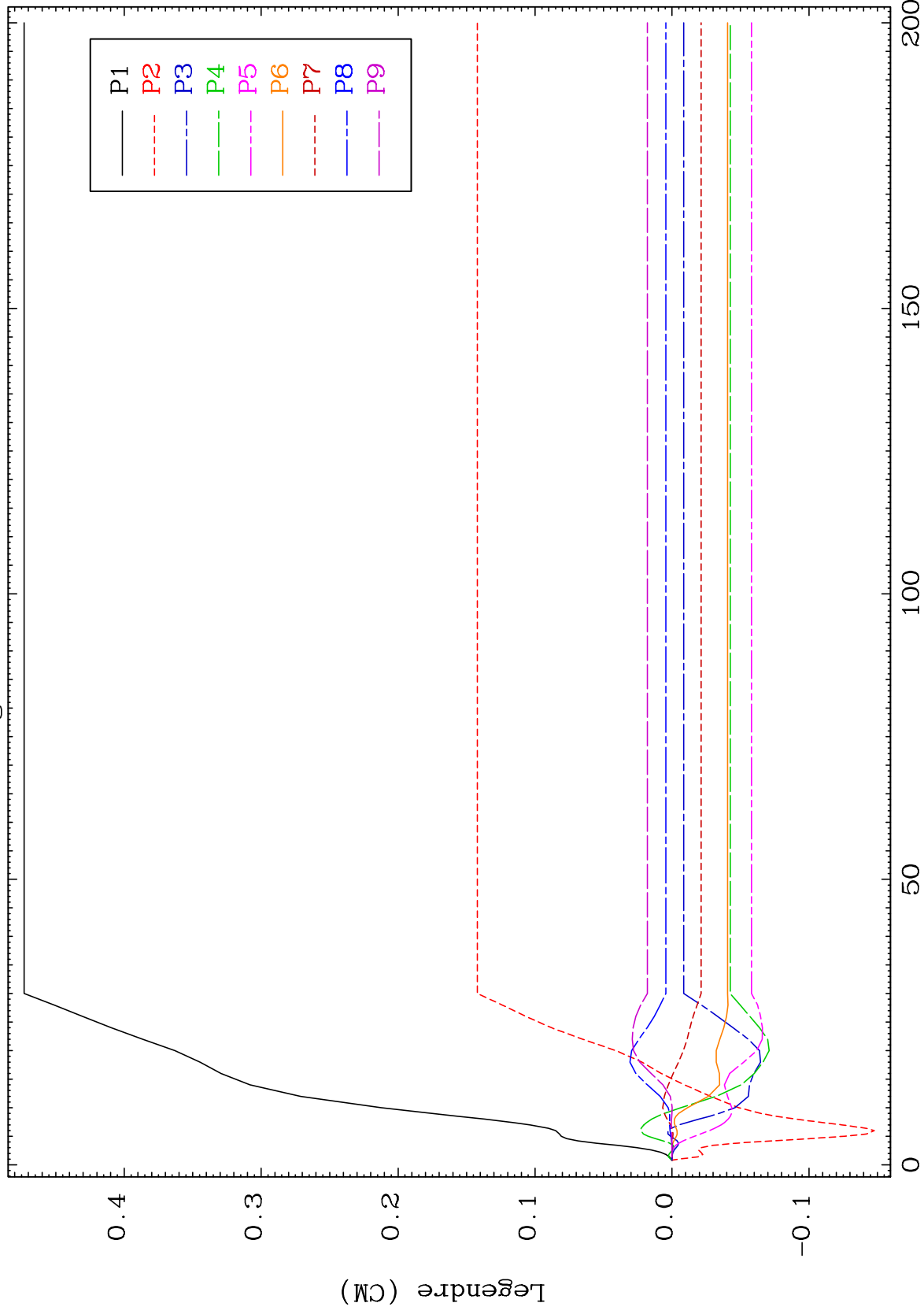
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

61-Pm-129



52

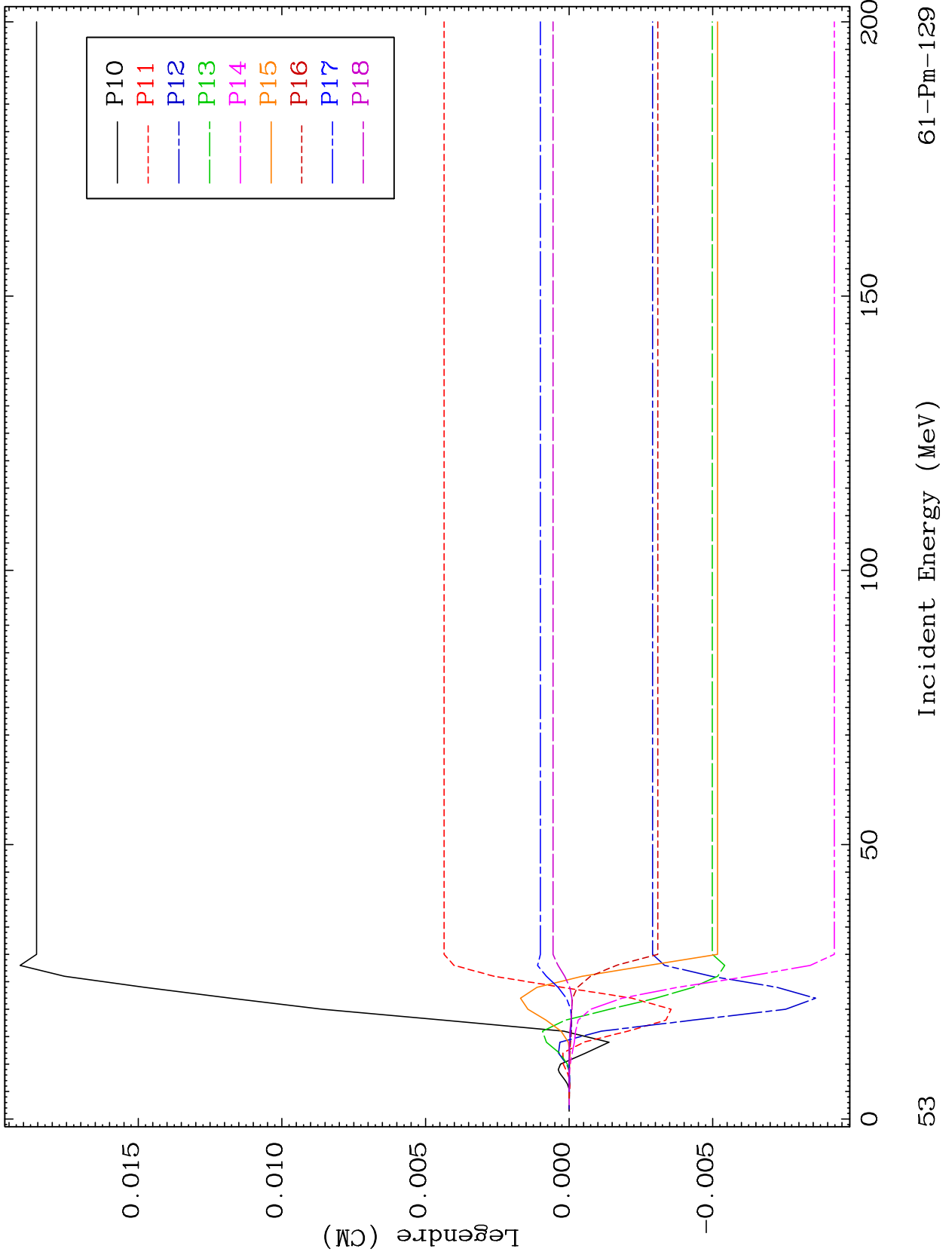
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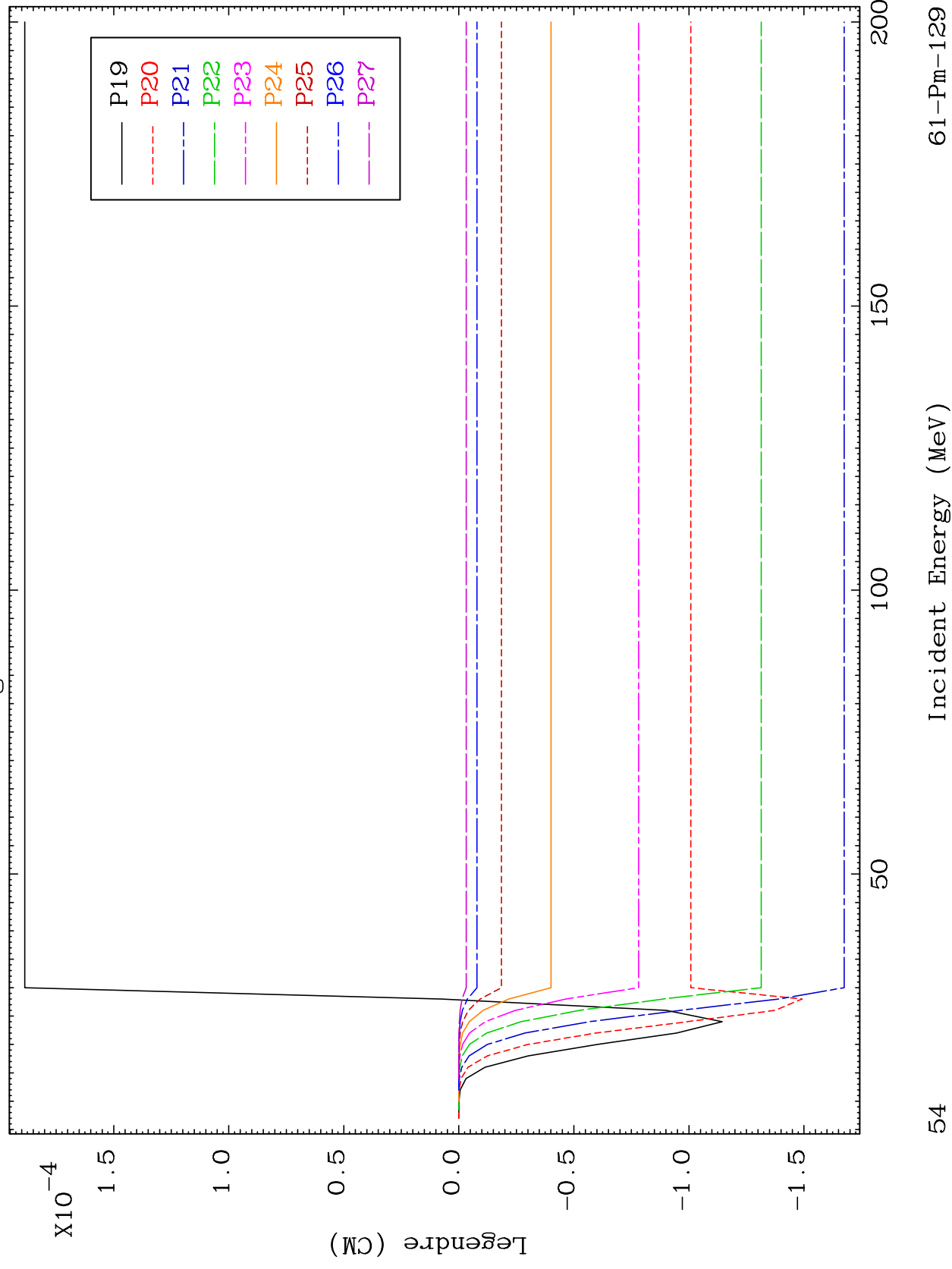
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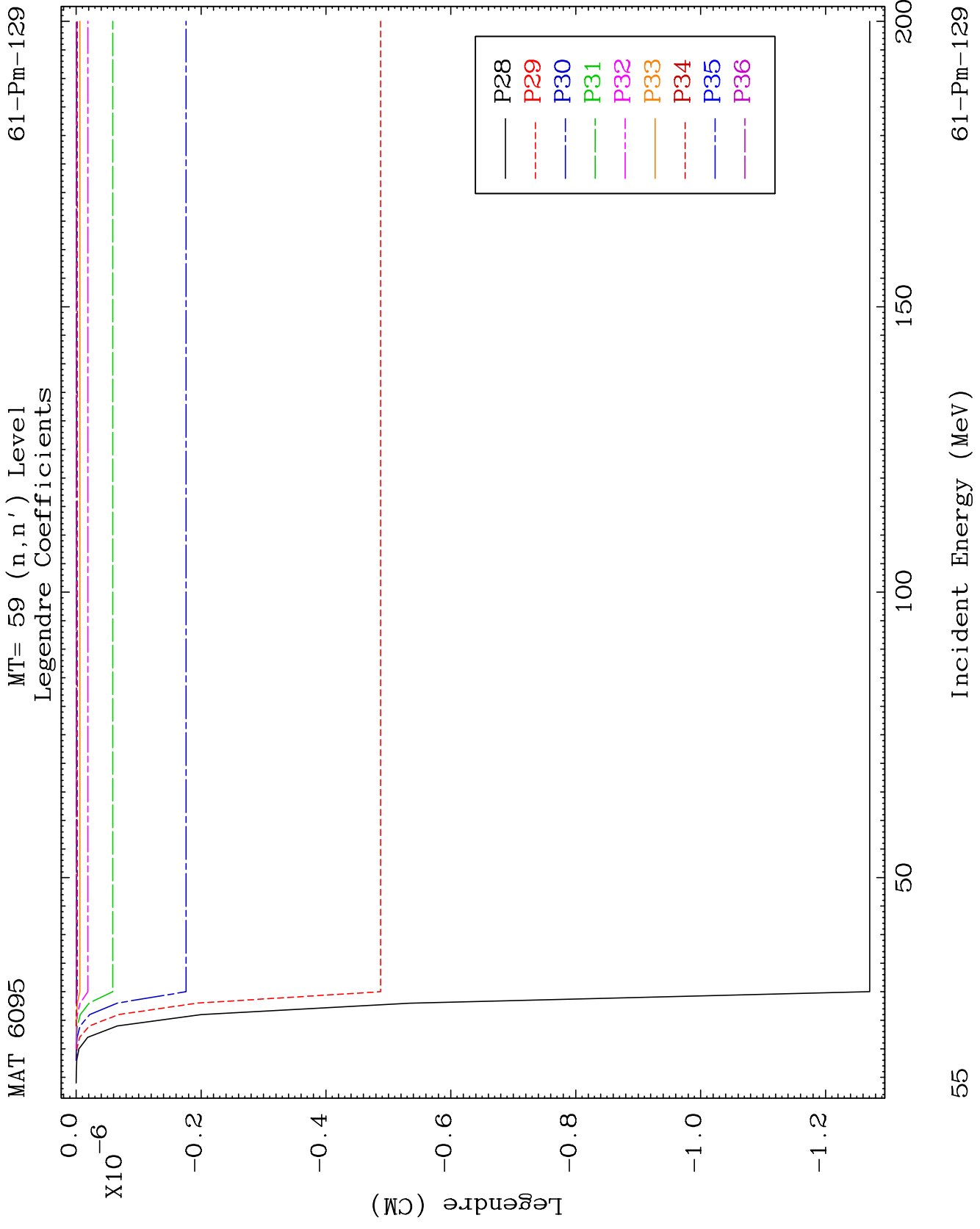
MAT 6095

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

61-Pm-129





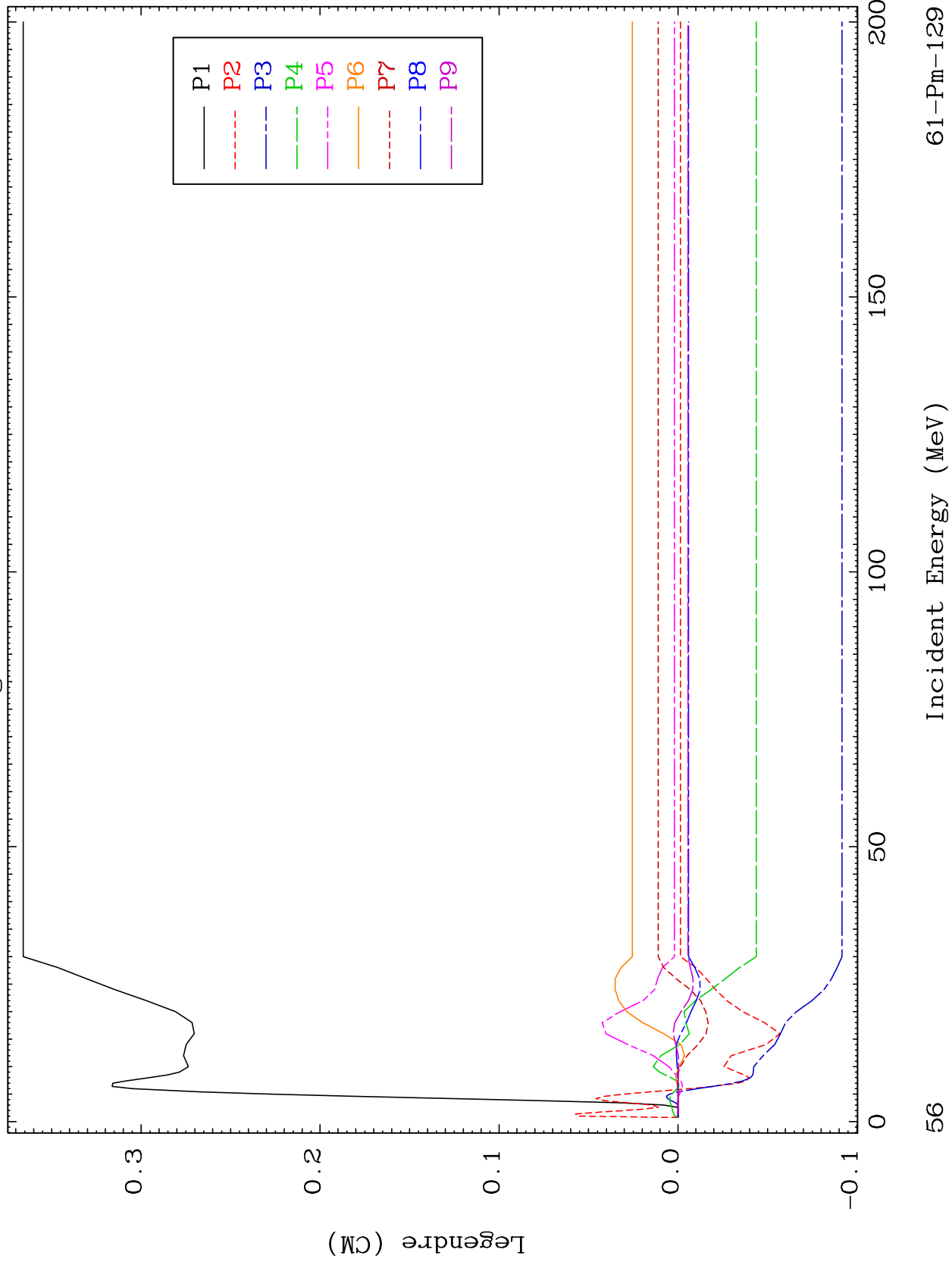




MAT 6095

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

61-Pm-129



61-Pm-129

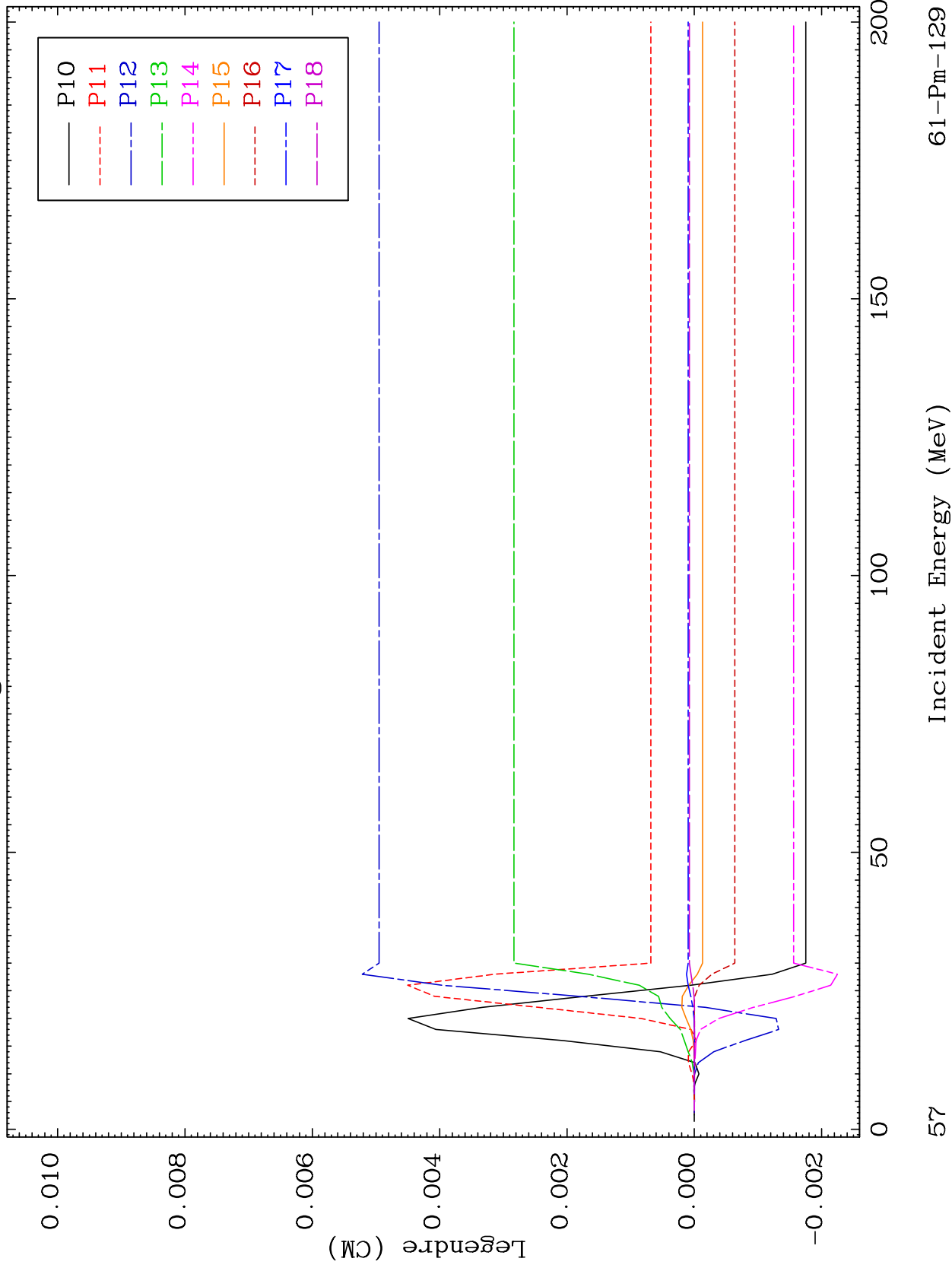
Incident Energy (MeV)

56

MAT 6095

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

61-Pm-129



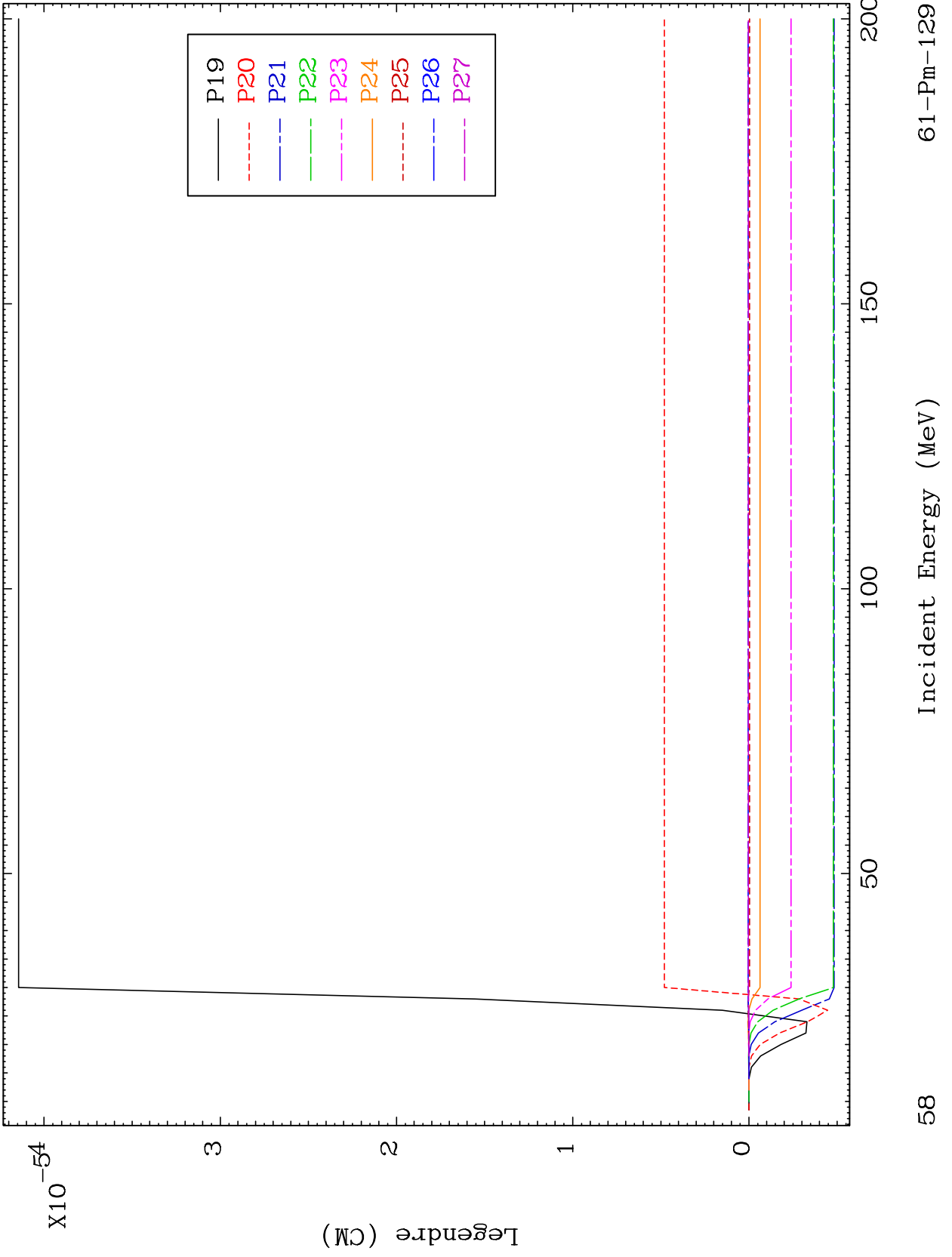
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61-Pm-129

MAT 6095

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

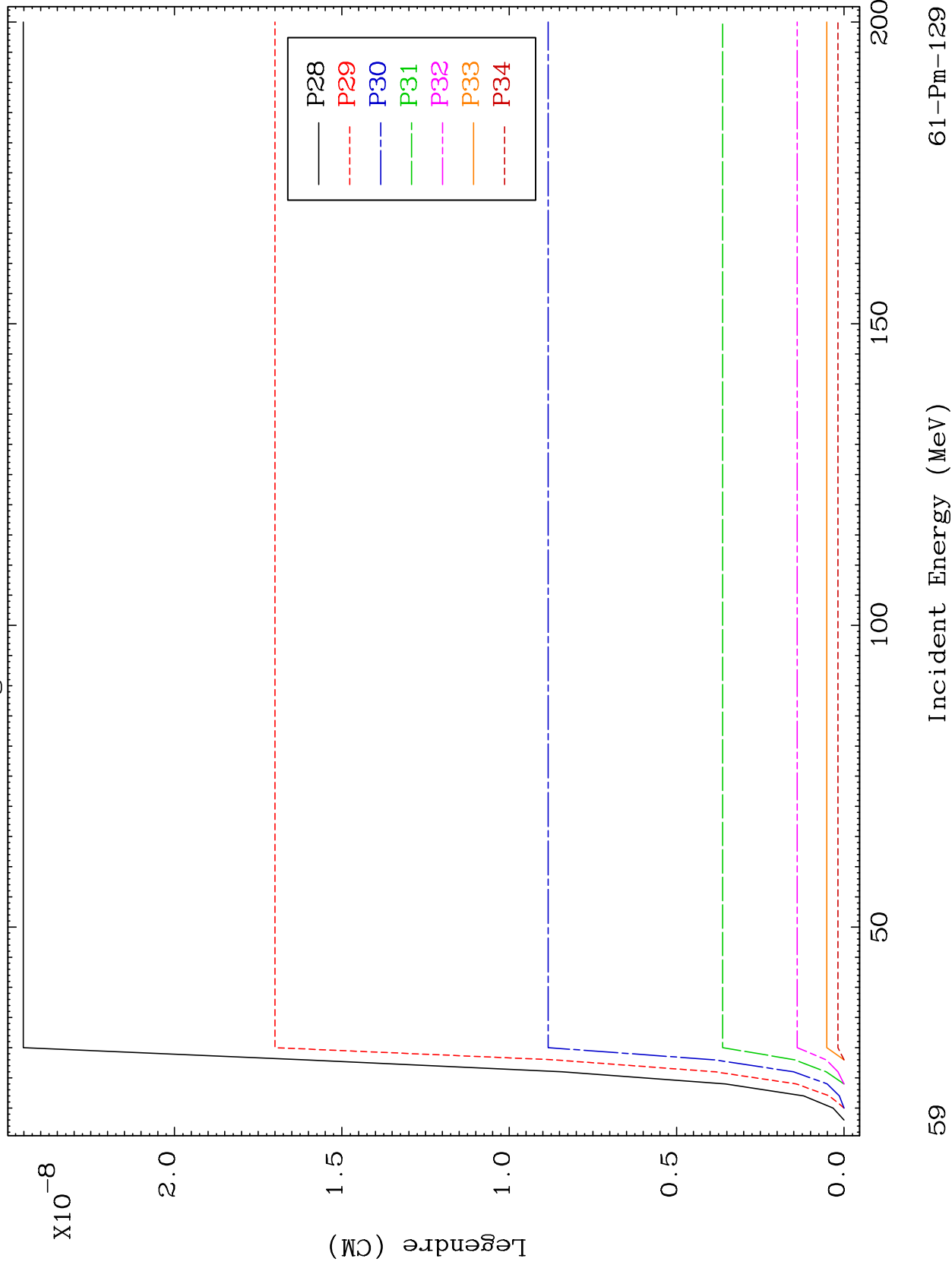
61-Pm-129



MAT 6095

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

61-Pm-129



59

Incident Energy (MeV)

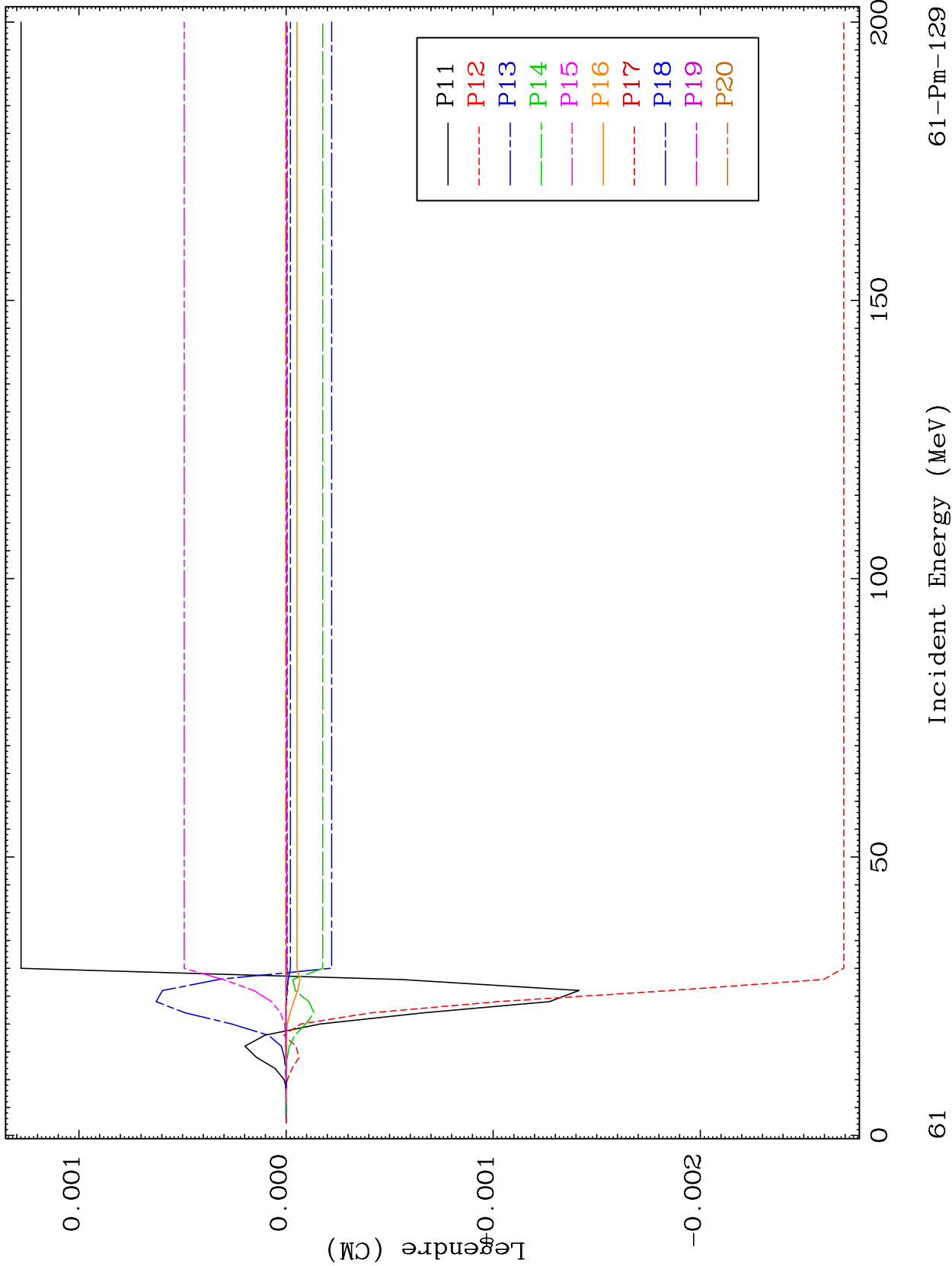
61-Pm-129



MAT 6095

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

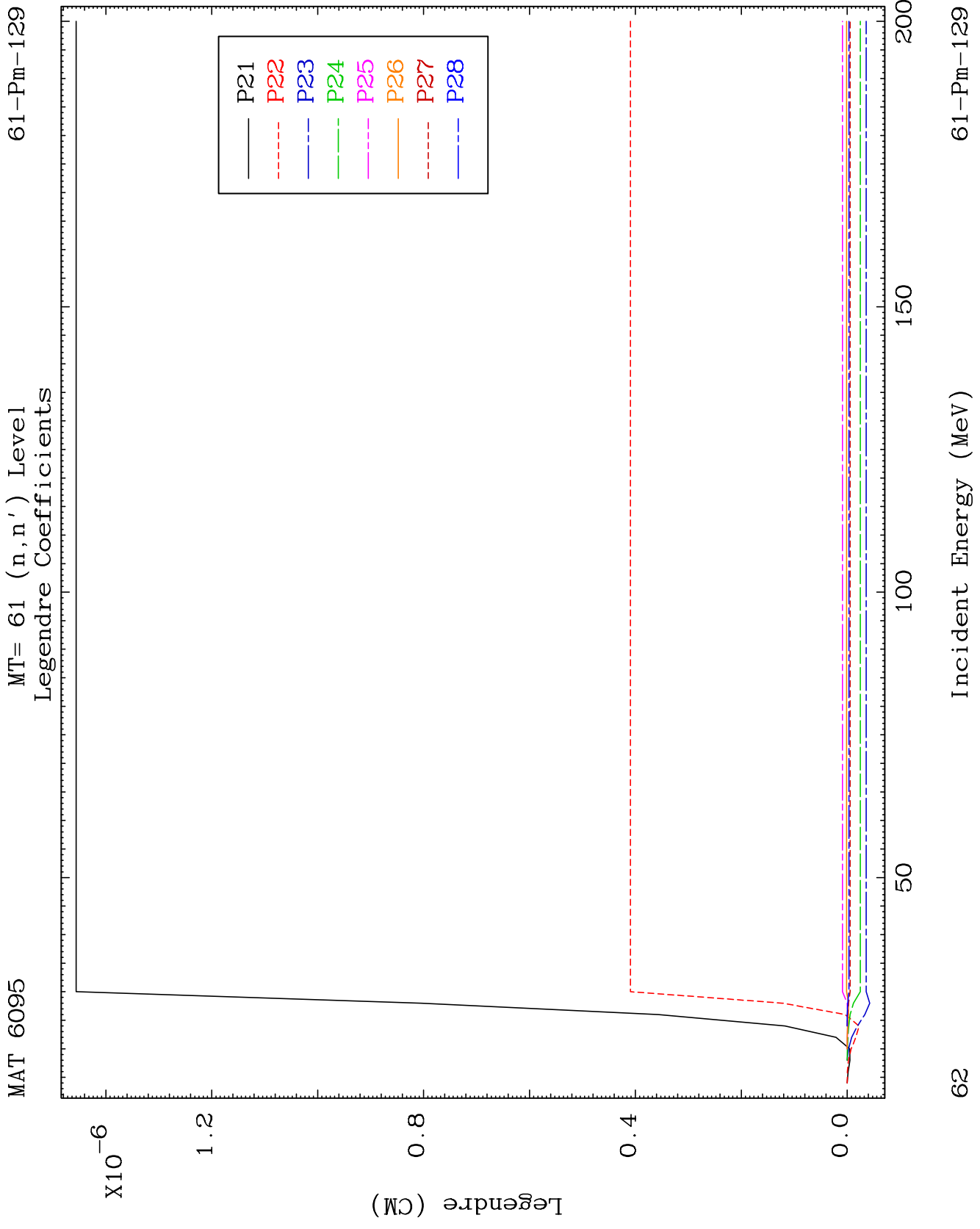
61-Pm-129



61

Incident Energy (MeV)

61-Pm-129



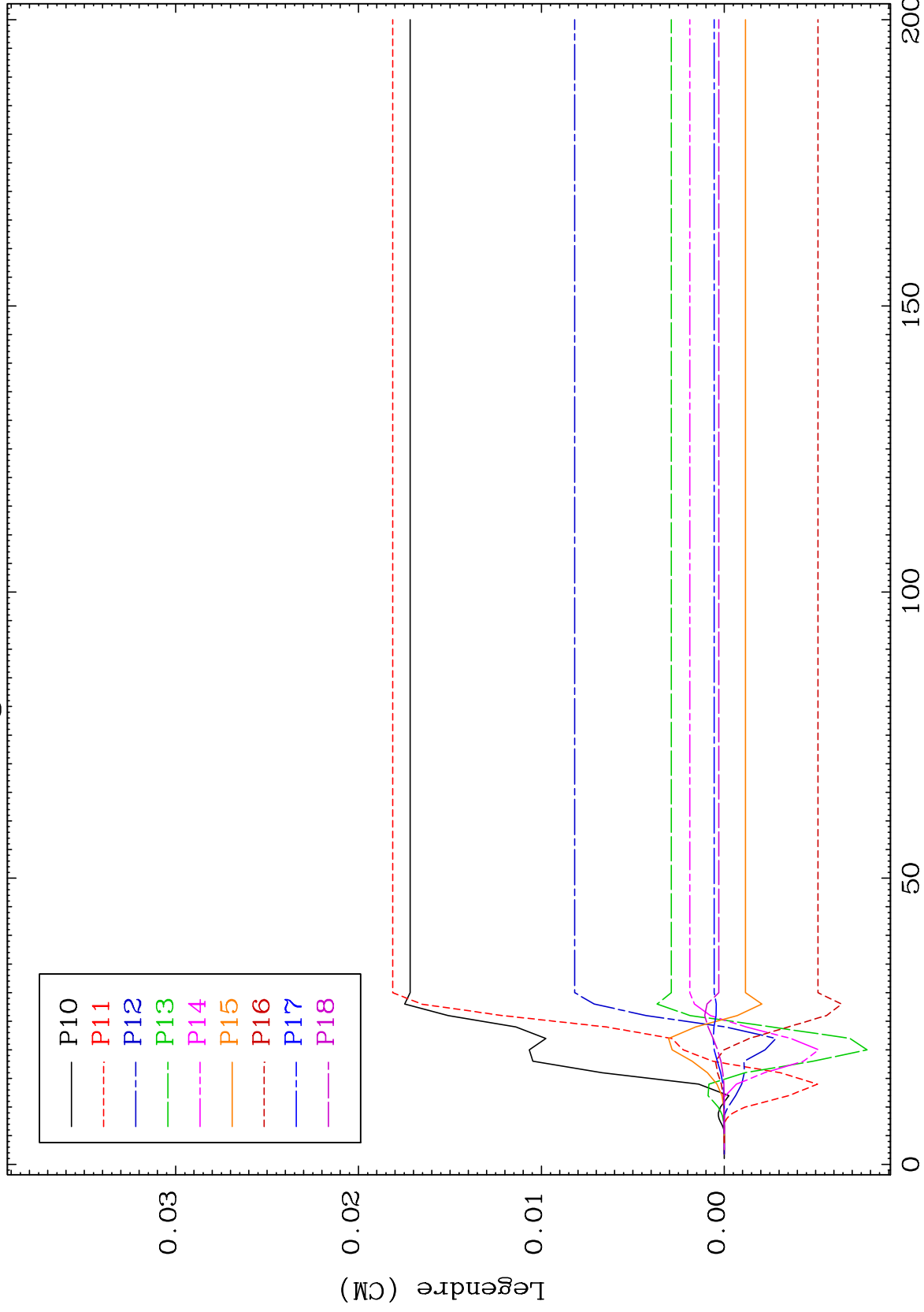




MAT 6095

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

61-Pm-129



64

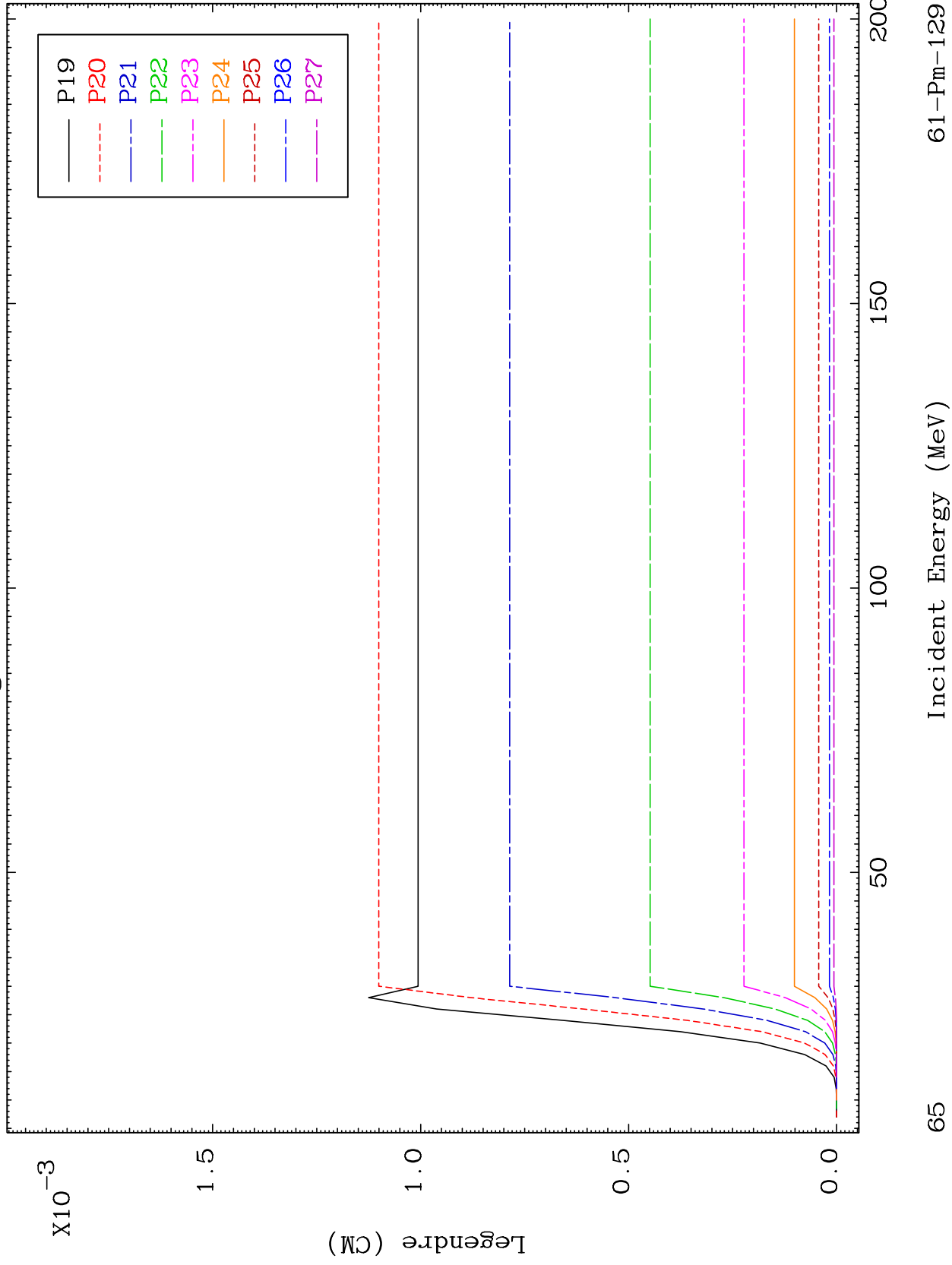
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

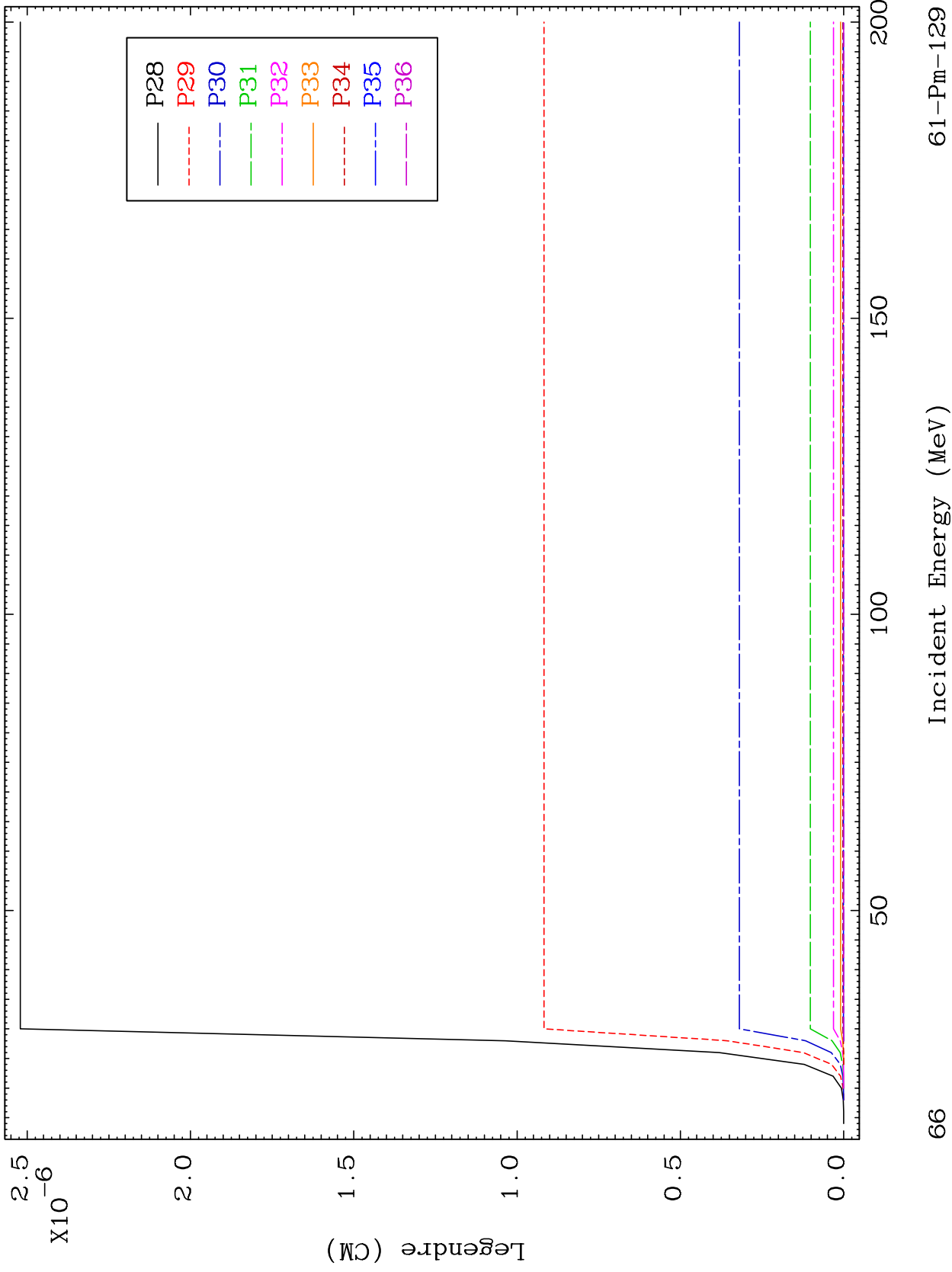
61-Pm-129



MAT 6095

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

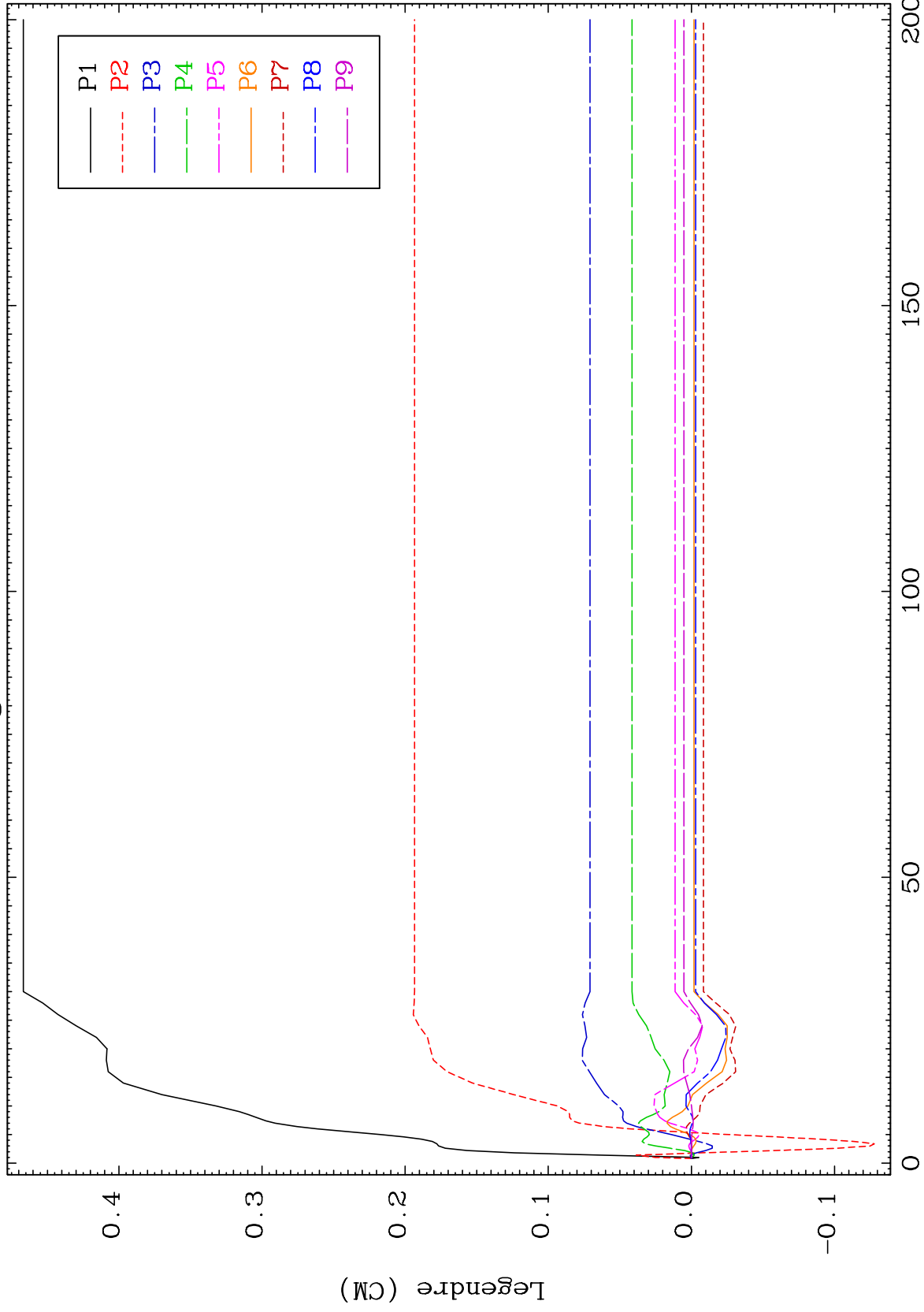
61-Pm-129



MAT 6095

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

61-Pm-129



61-Pm-129

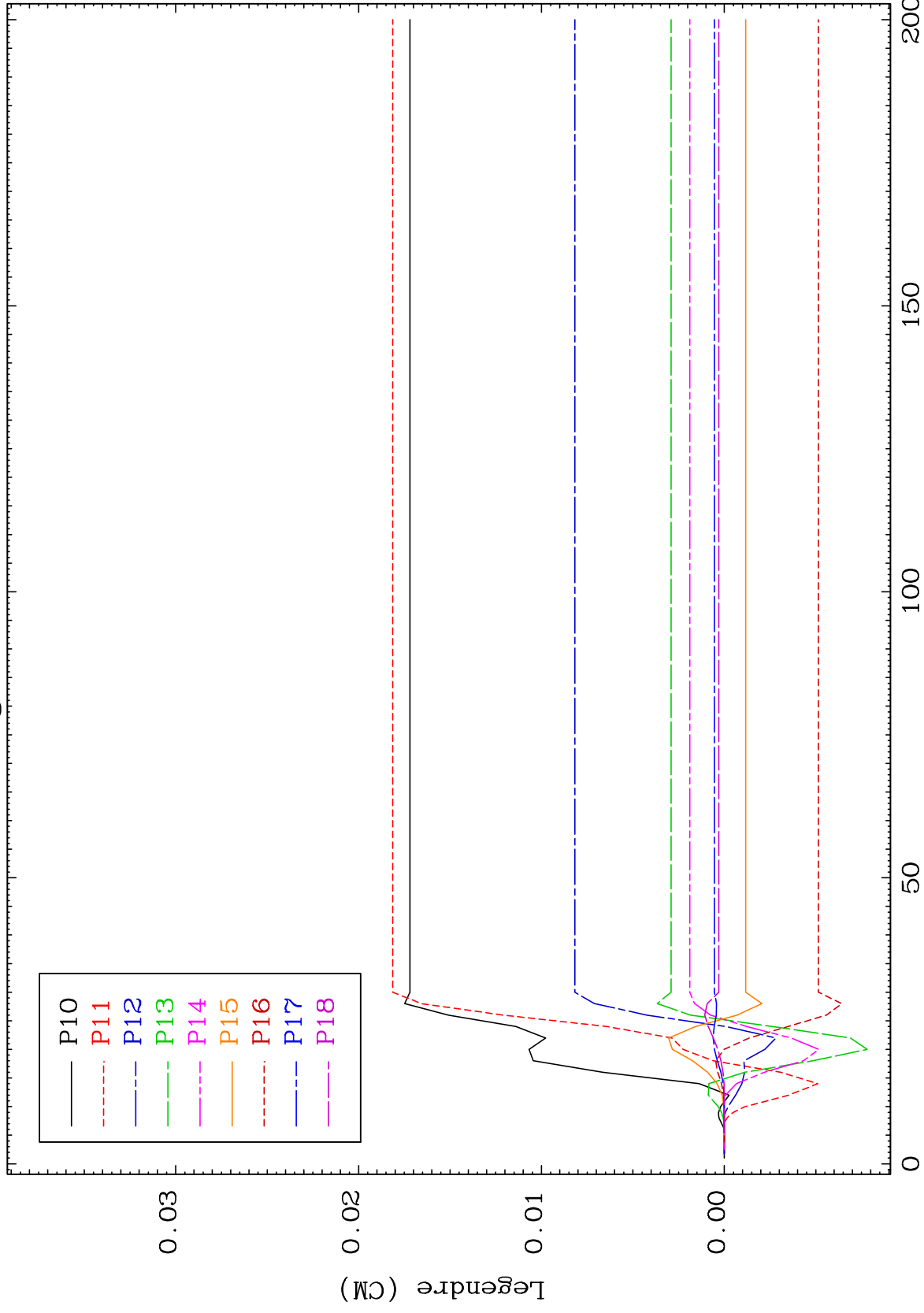
Incident Energy (MeV)

67

MAT 6095

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

61-Pm-129



68

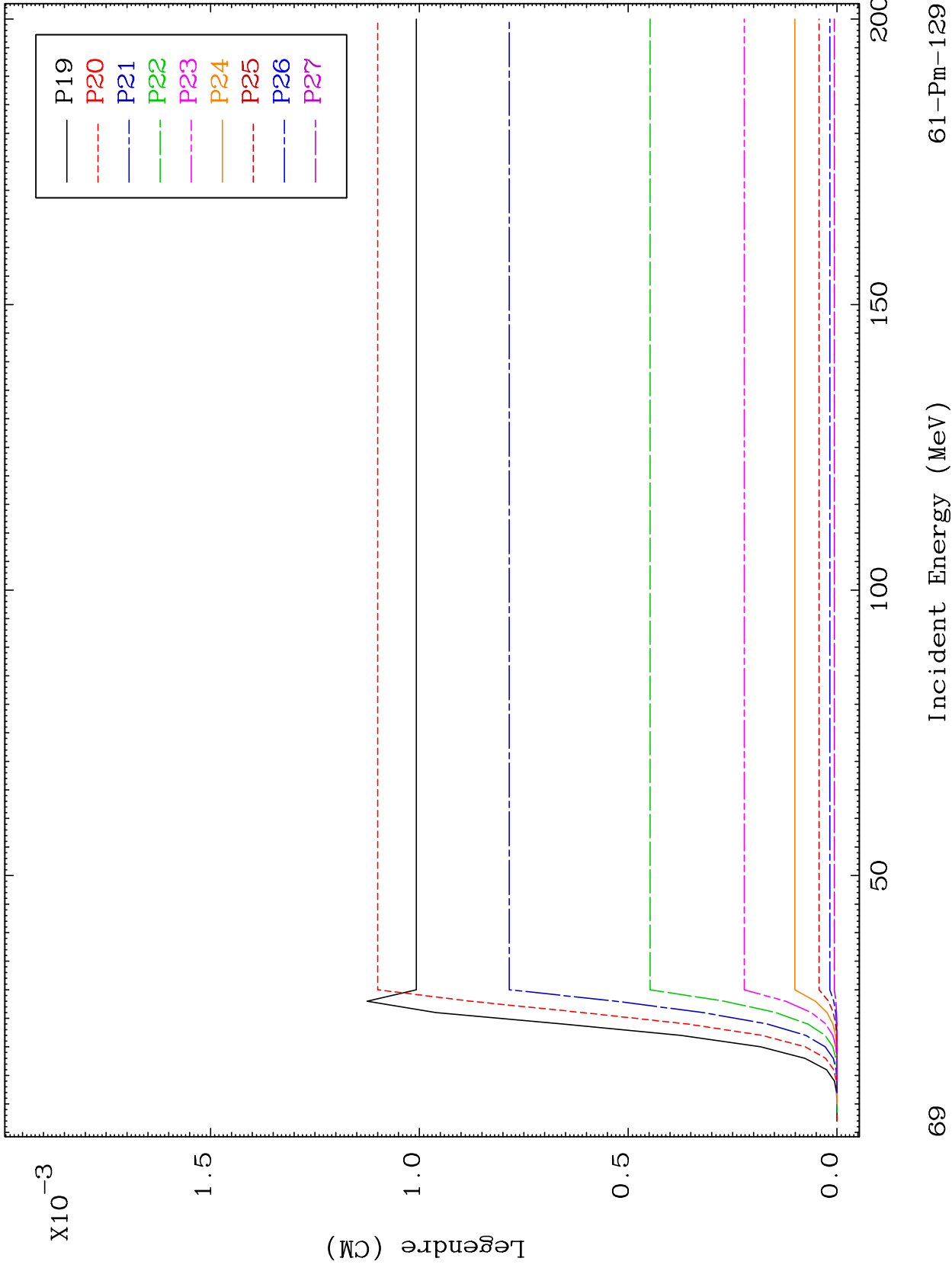
Incident Energy (MeV)

61-Pm-129

MAT 6095

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

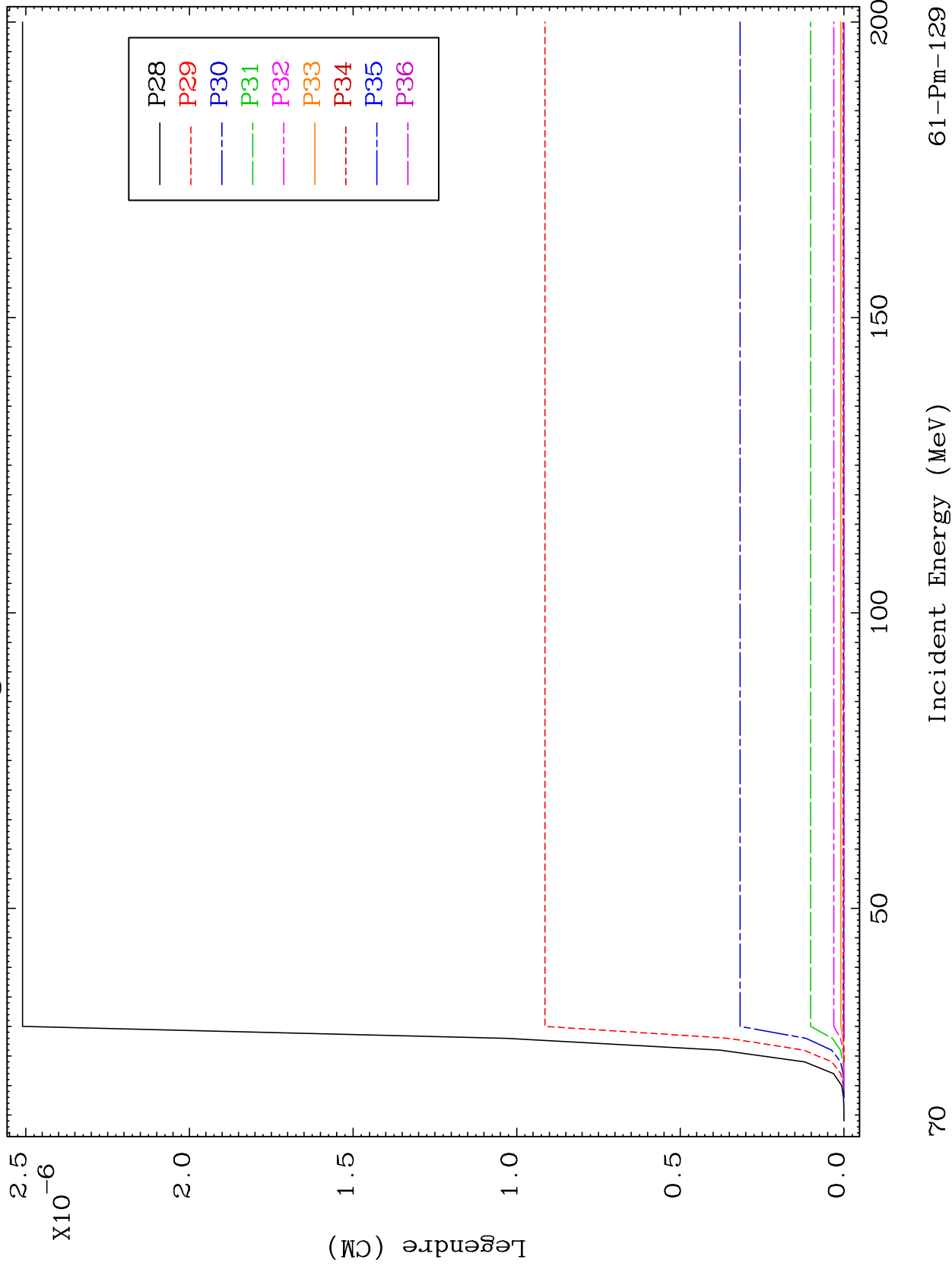
61-Pm-129



MAT 6095

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

61-Pm-129



61-Pm-129

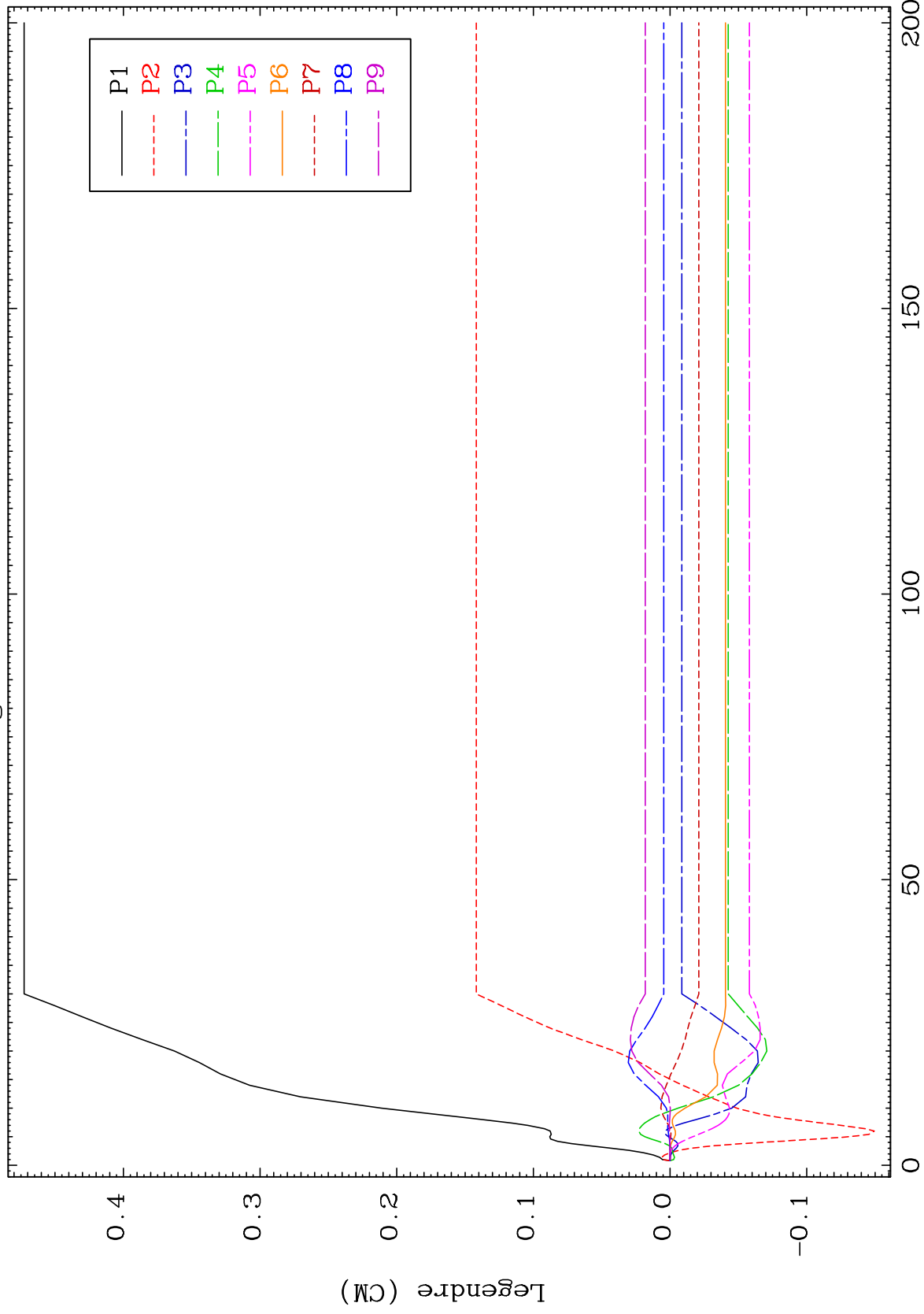
Incident Energy (MeV)

70

MAT 6095

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

61-Pm-129



71

Incident Energy (MeV)

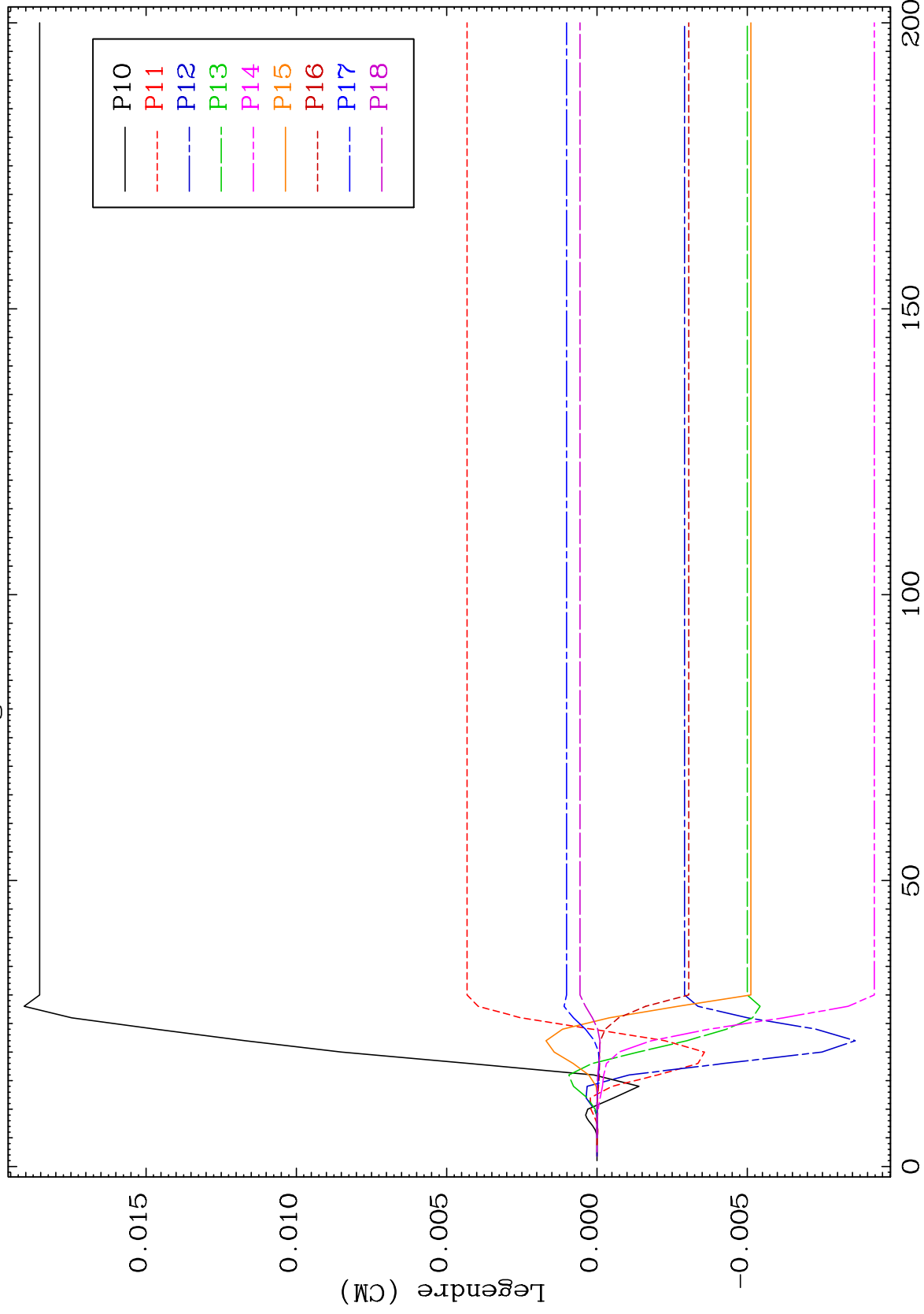
61-Pm-129



MAT 6095

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

61-Pm-129



72

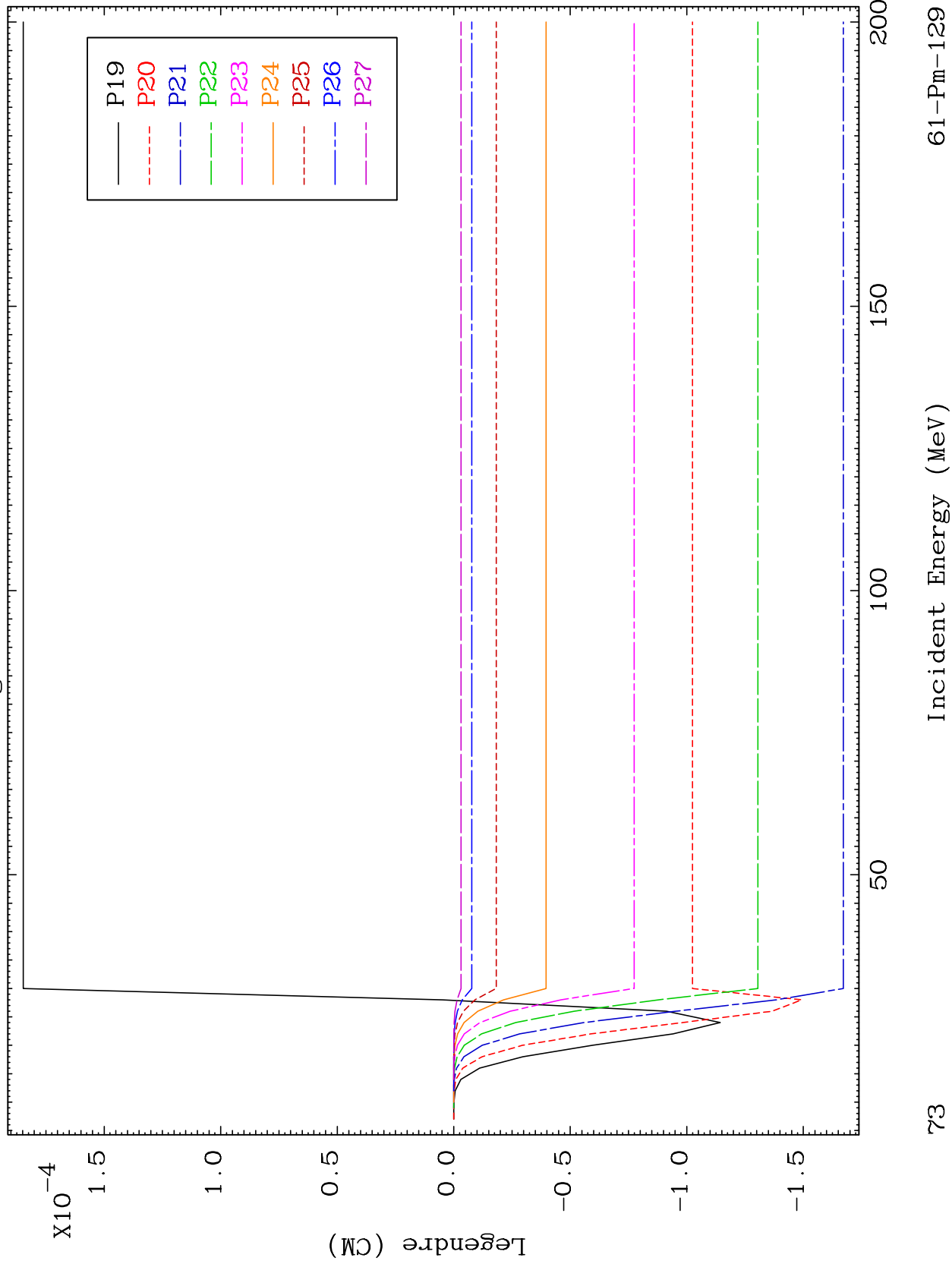
Incident Energy (MeV)

61-Pm-129

MAT 6095

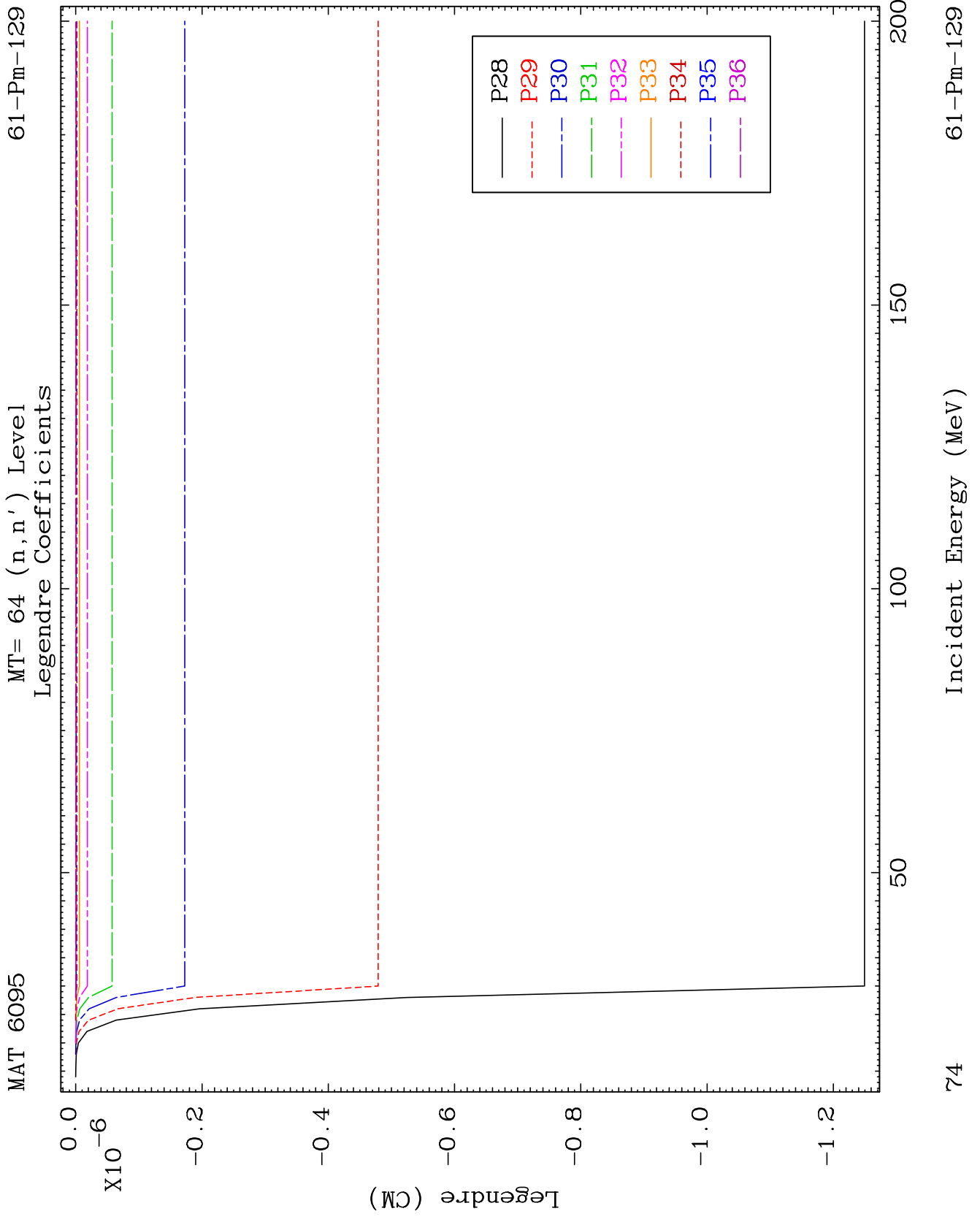
MT= 64 (n,n') Level  
Legendre Coefficients

61-Pm-129



73

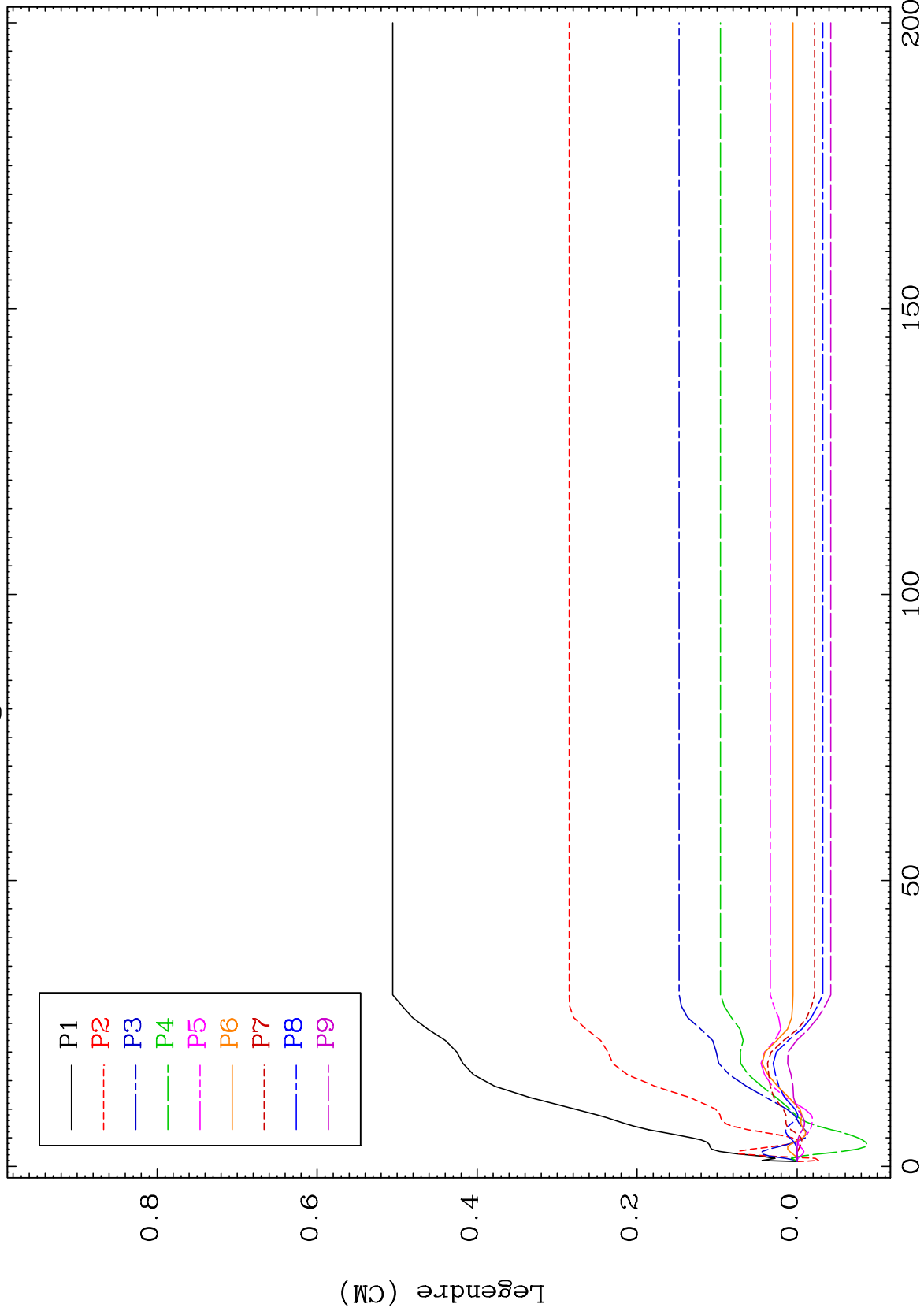
61-Pm-129



MAT 6095

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

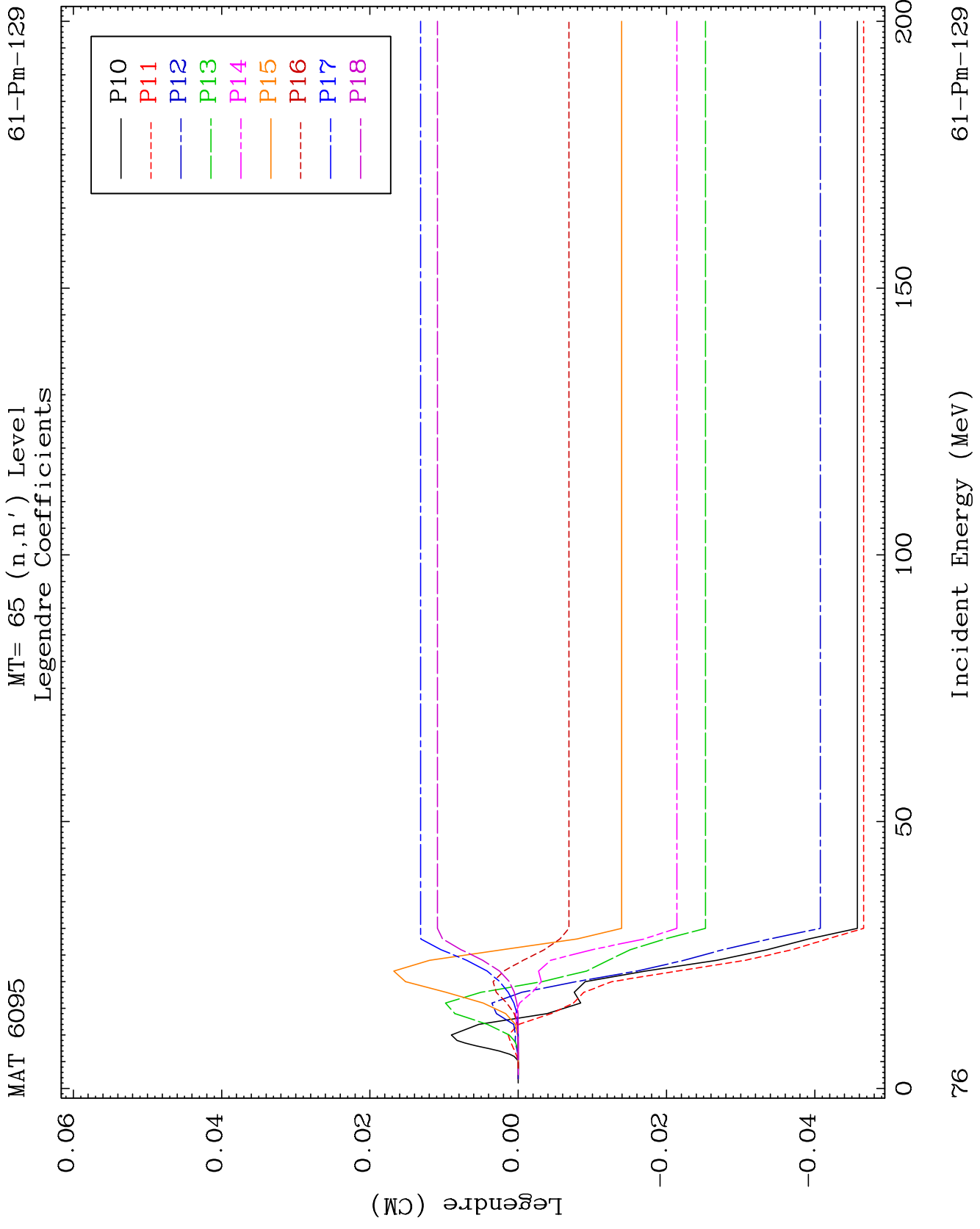
61-Pm-129



75

Incident Energy (MeV)

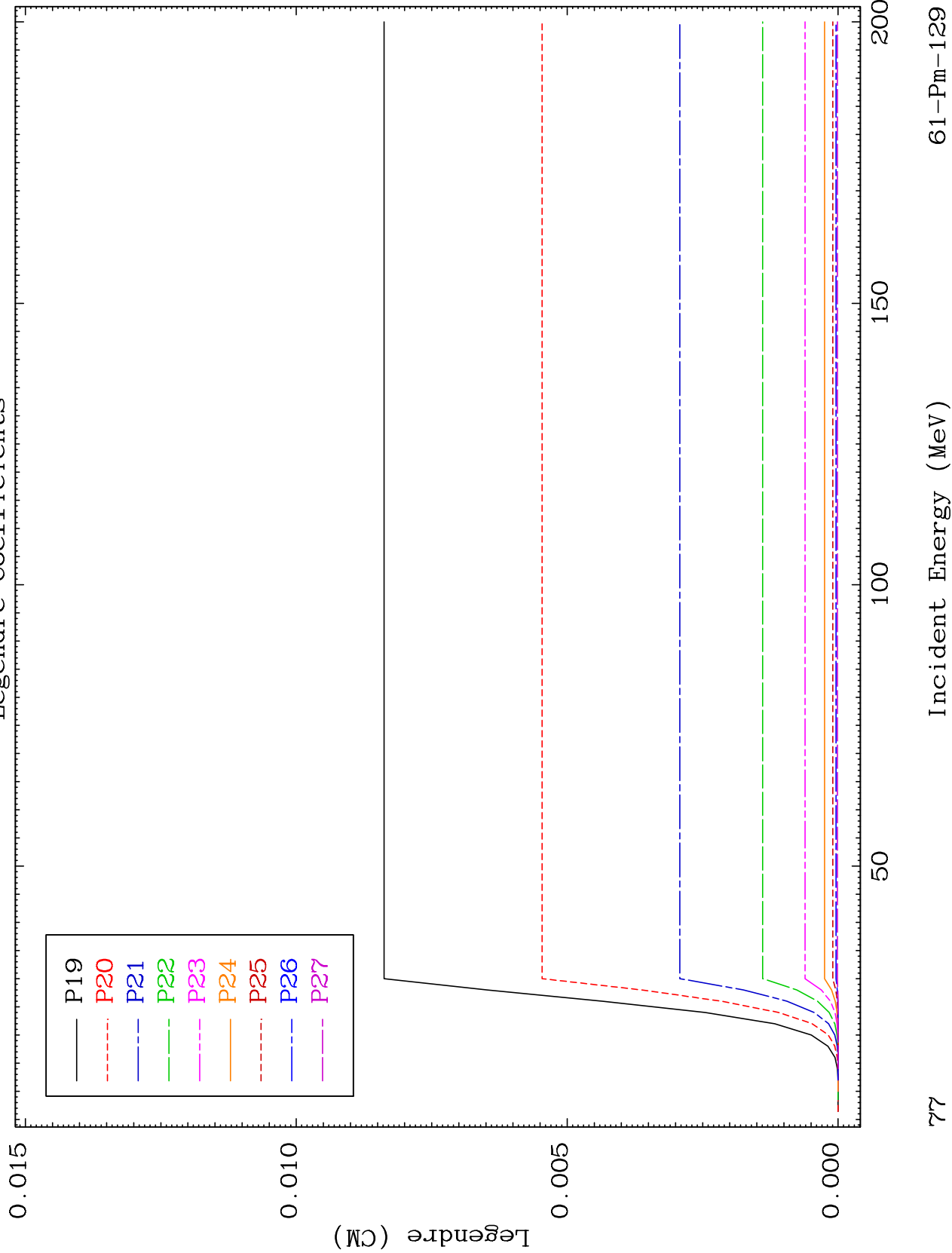
61-Pm-129

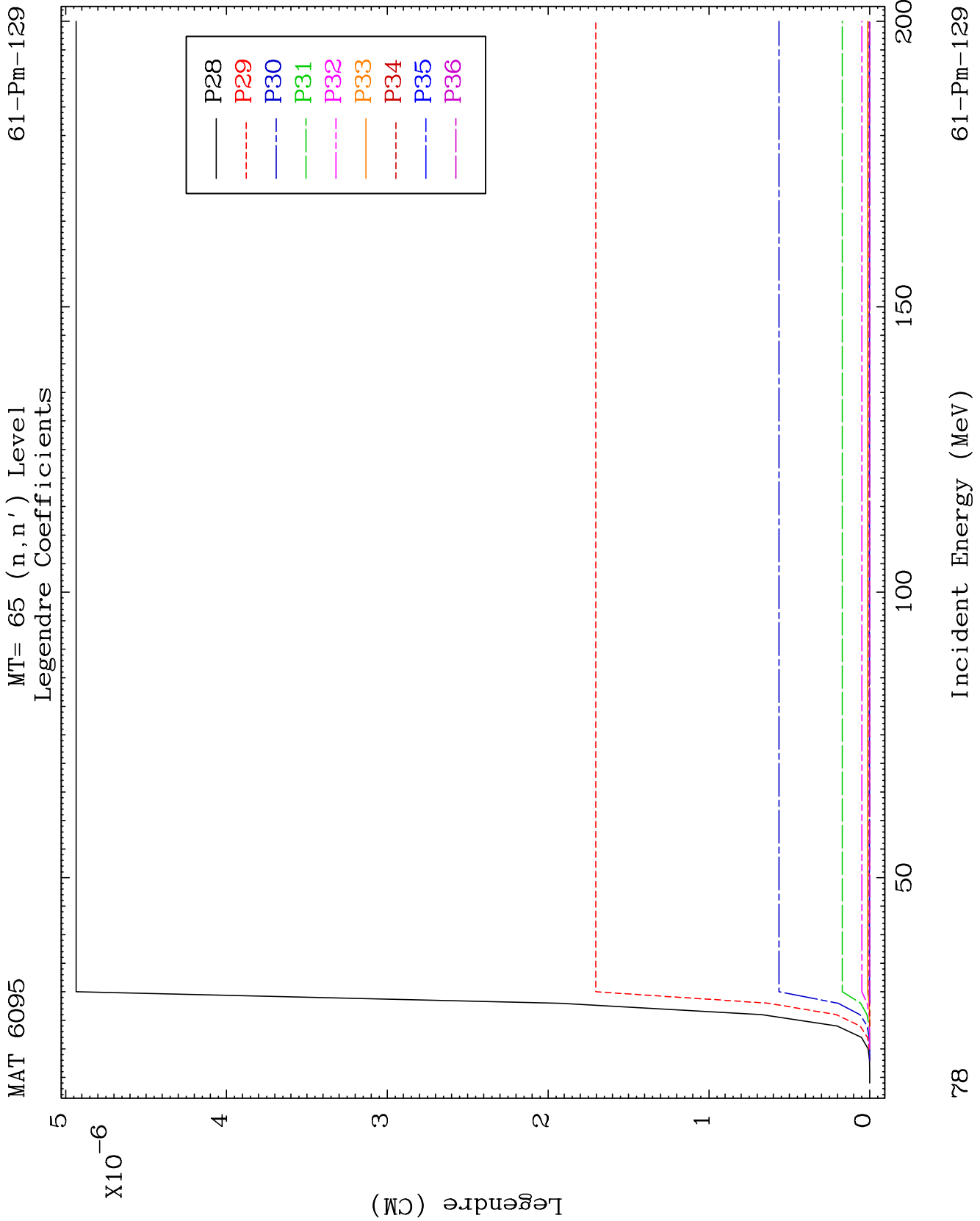


MAT 6095

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

61-Pm-129

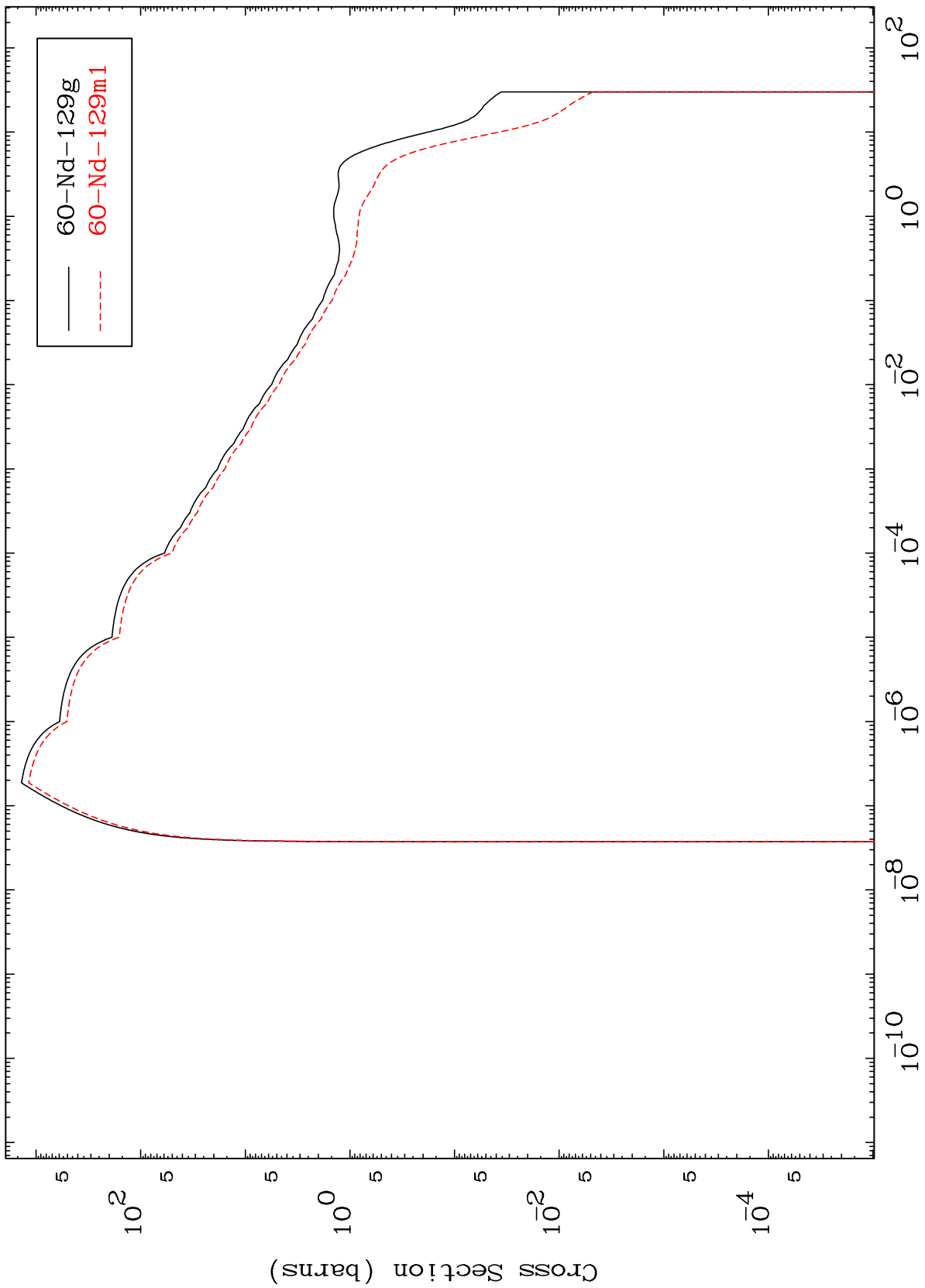




MAT 6095

61-Pm-129

(n,p)  
Radionuclide Production Cross Section



79

61-Pm-129

Incident Energy (MeV)

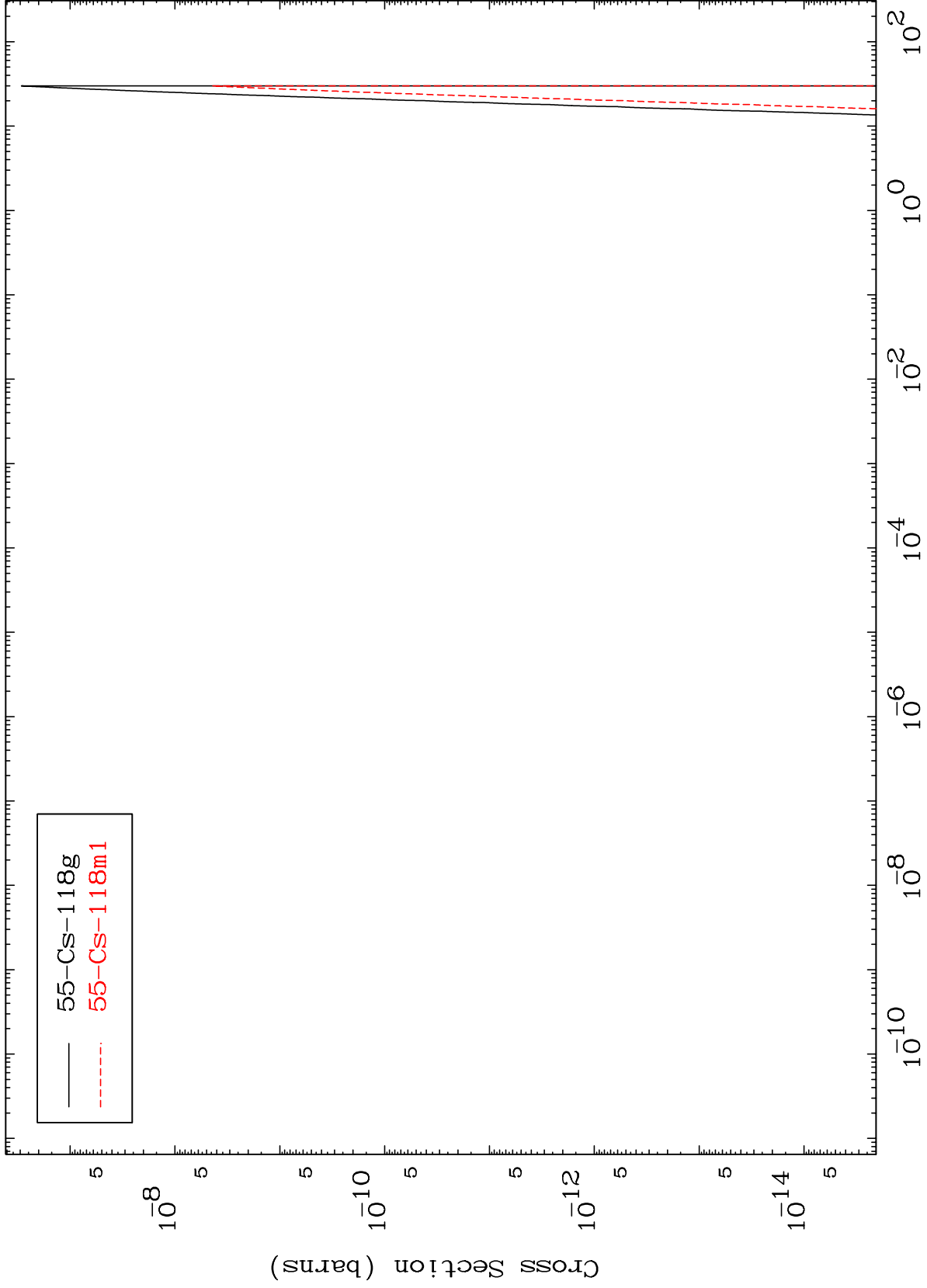


MAT 6095

(n, 3α)

61-Pm-129

Radionuclide Production Cross Section



80

Incident Energy (MeV)

61-Pm-129