

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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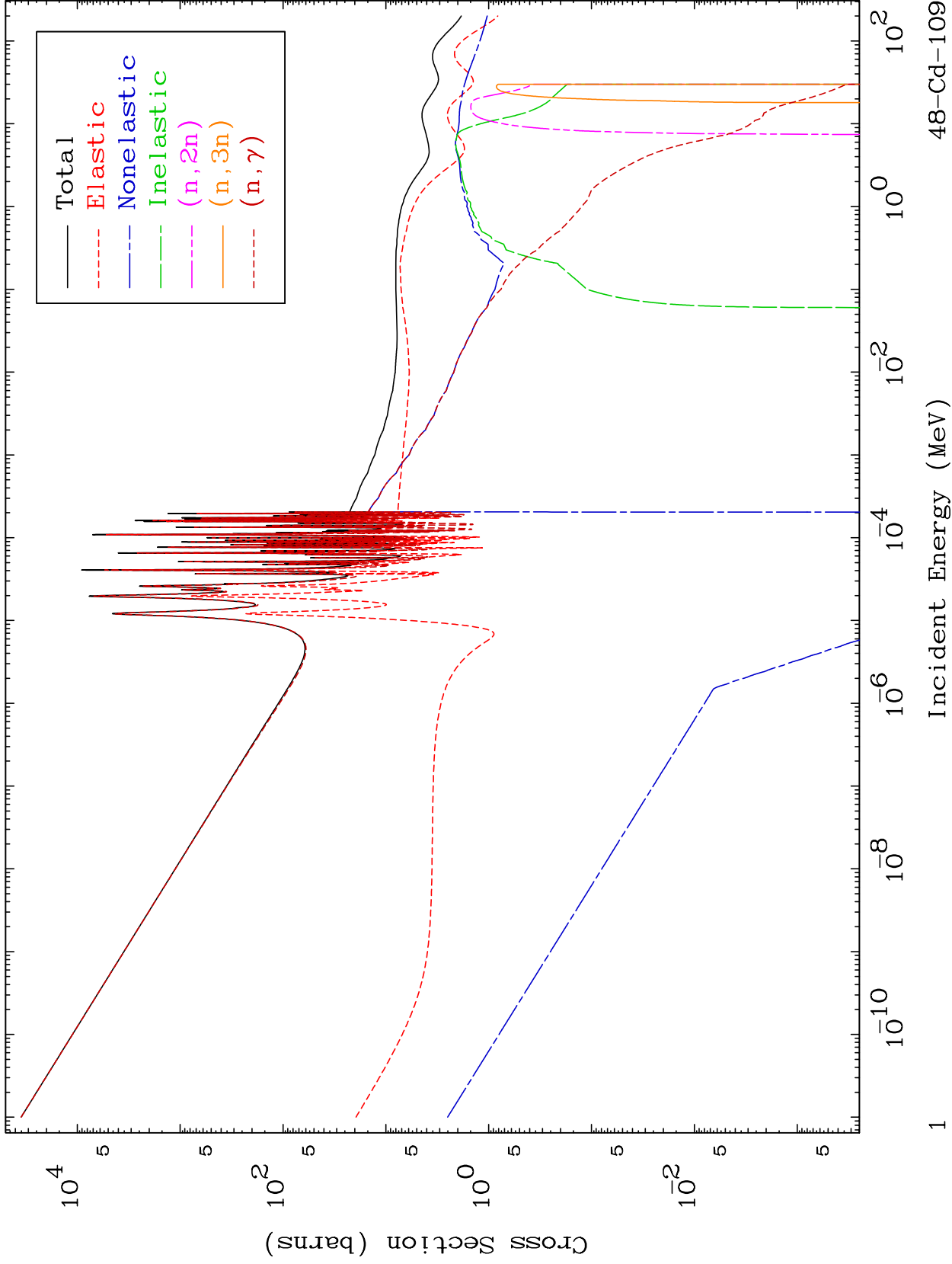
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4834

Neutron Major  
293 Kelvin Cross Sections

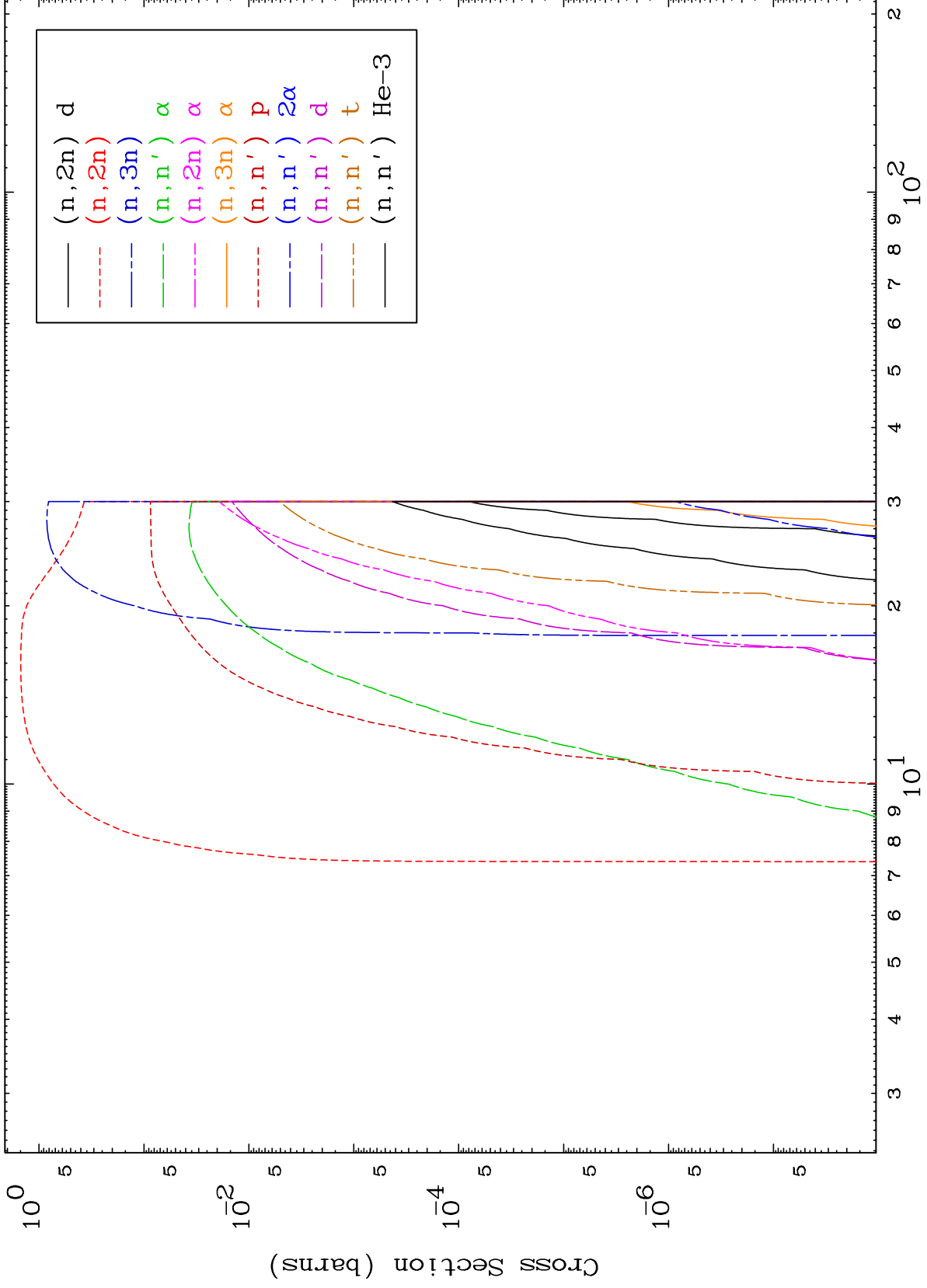
48-Cd-109



MAT 4834

Neutron Absorption  
293 Kelvin Cross Sections

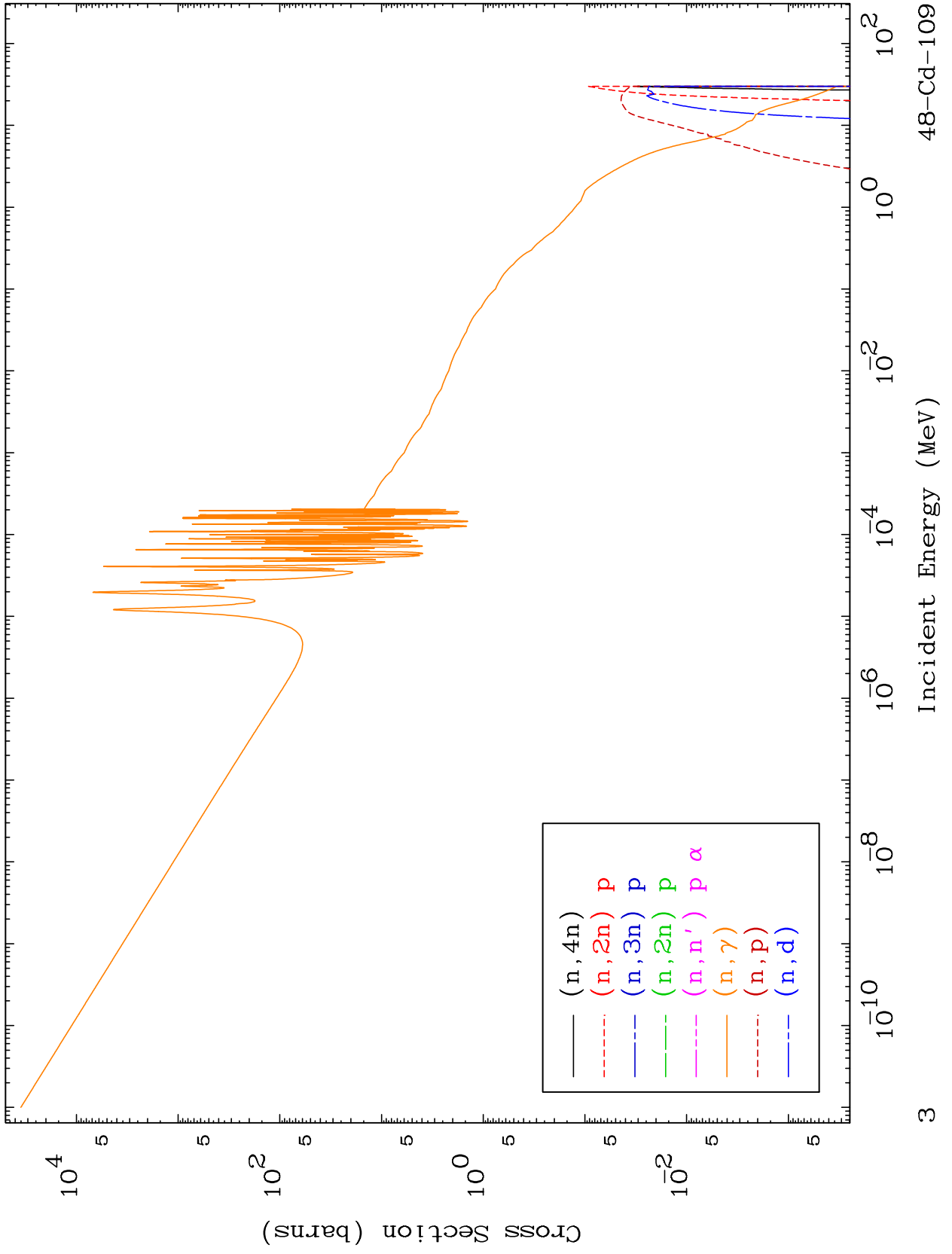
48-Cd-109



MAT 4834

Neutron Absorption  
293 Kelvin Cross Sections

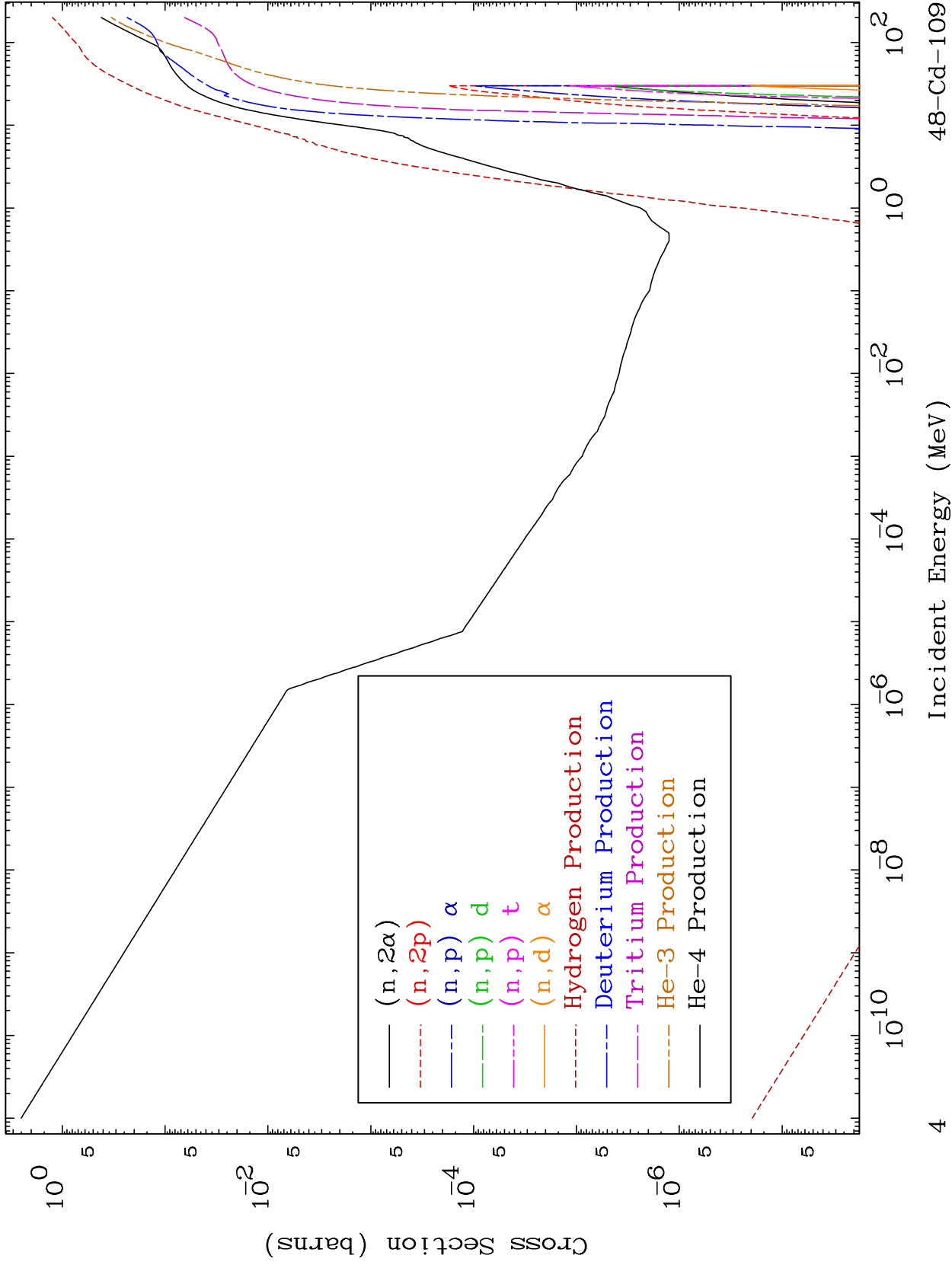
48-Cd-109



MAT 4834

Neutron Absorption  
293 Kelvin Cross Sections

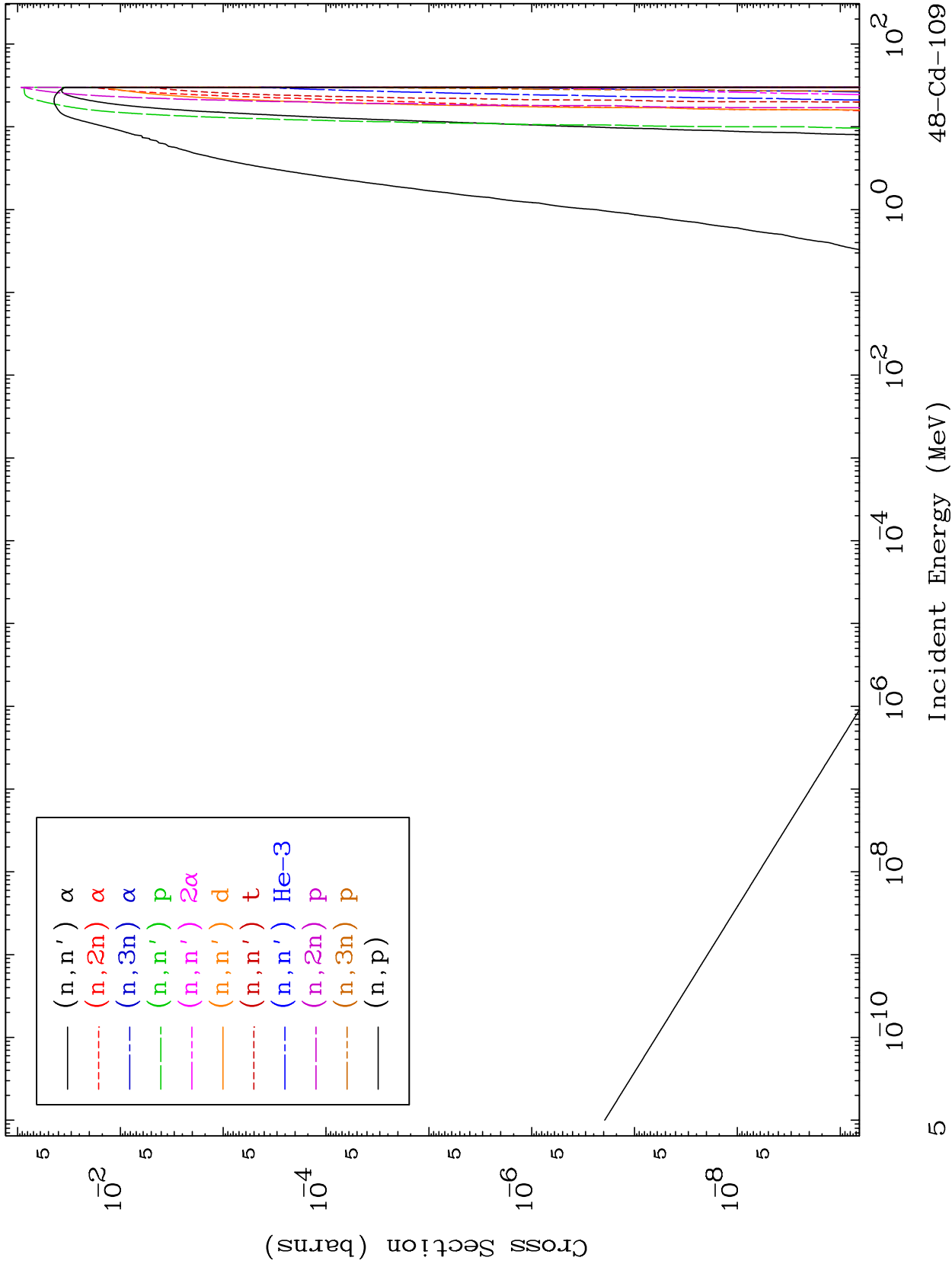
48-Cd-109



MAT 4834

Charged Particle  
293 Kelvin Cross Sections

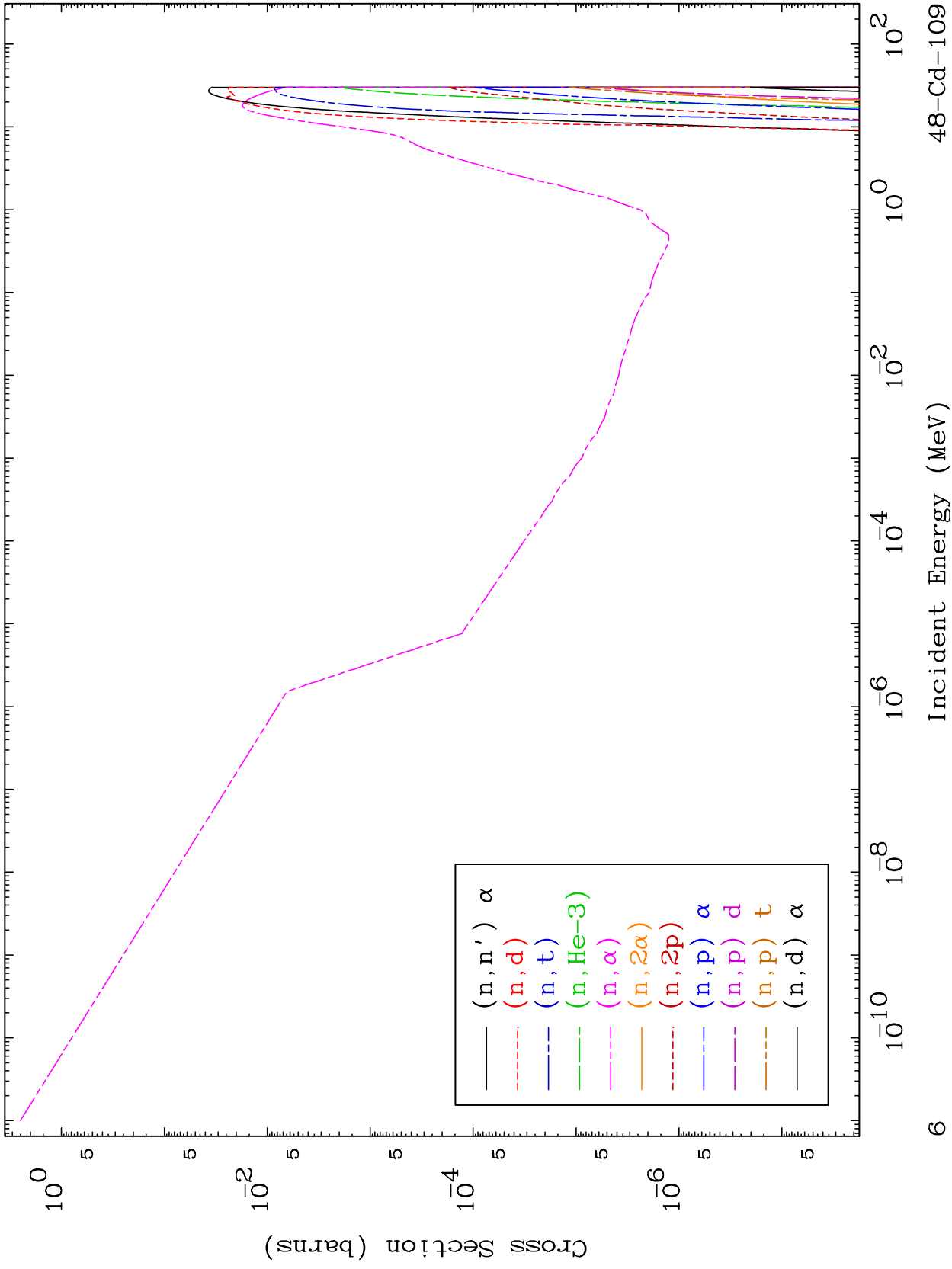
48-Cd-109



MAT 4834

Charged Particle  
293 Kelvin Cross Sections

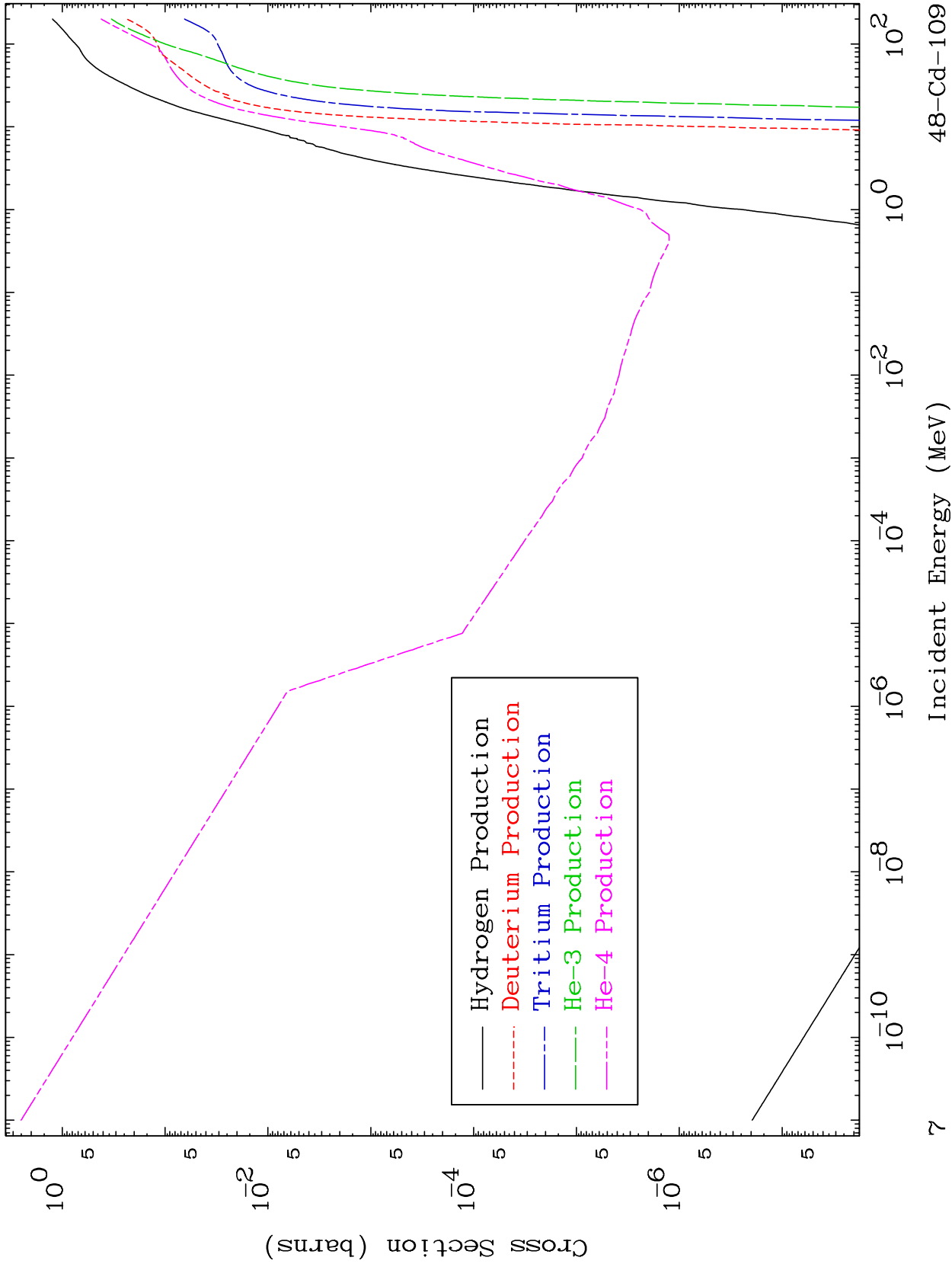
48-Cd-109



MAT 4834

Particle Production  
293 Kelvin Cross Sections

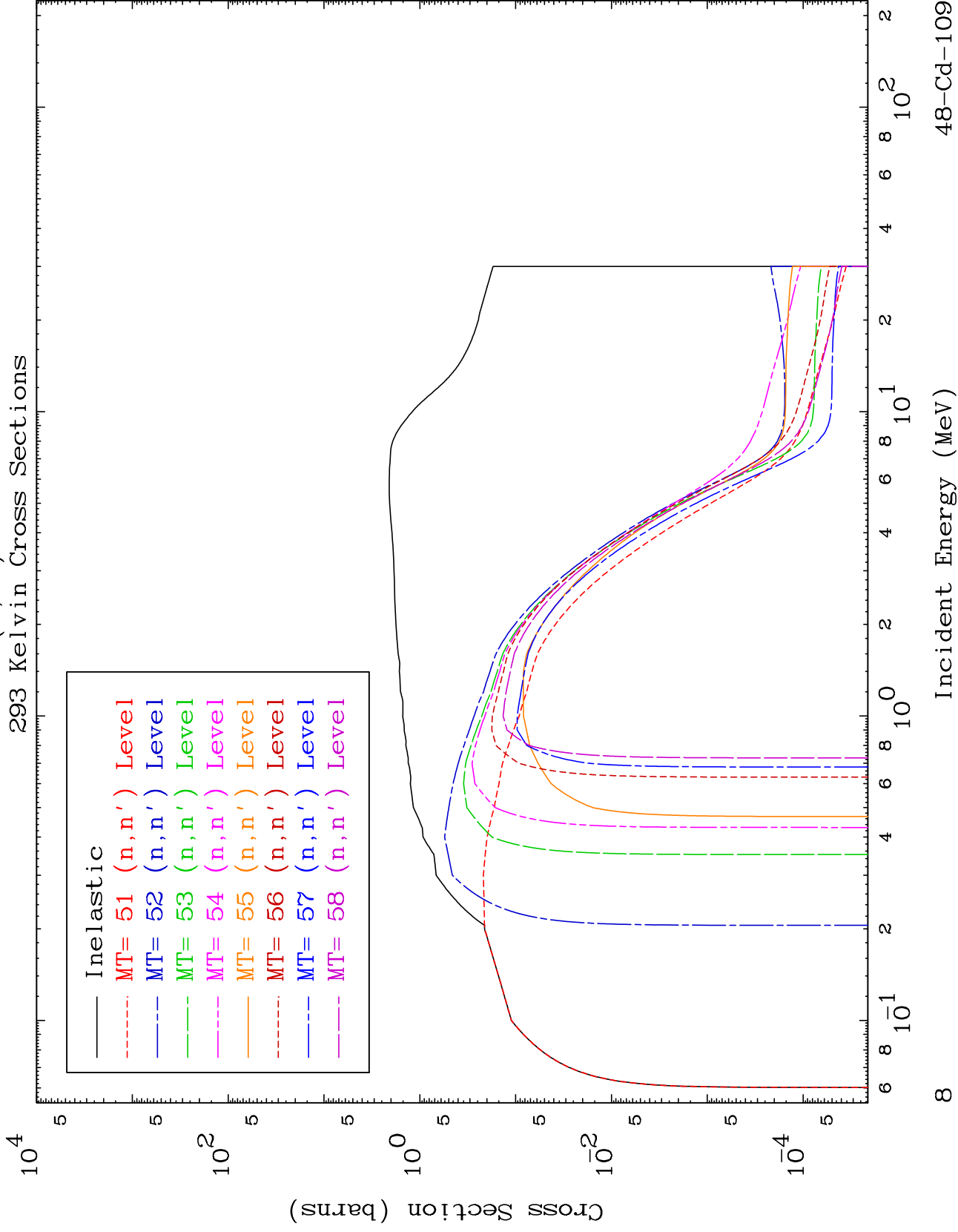
48-Cd-109



MAT 4834

(n,n') Levels  
293 Kelvin Cross Sections

48-Cd-109



8

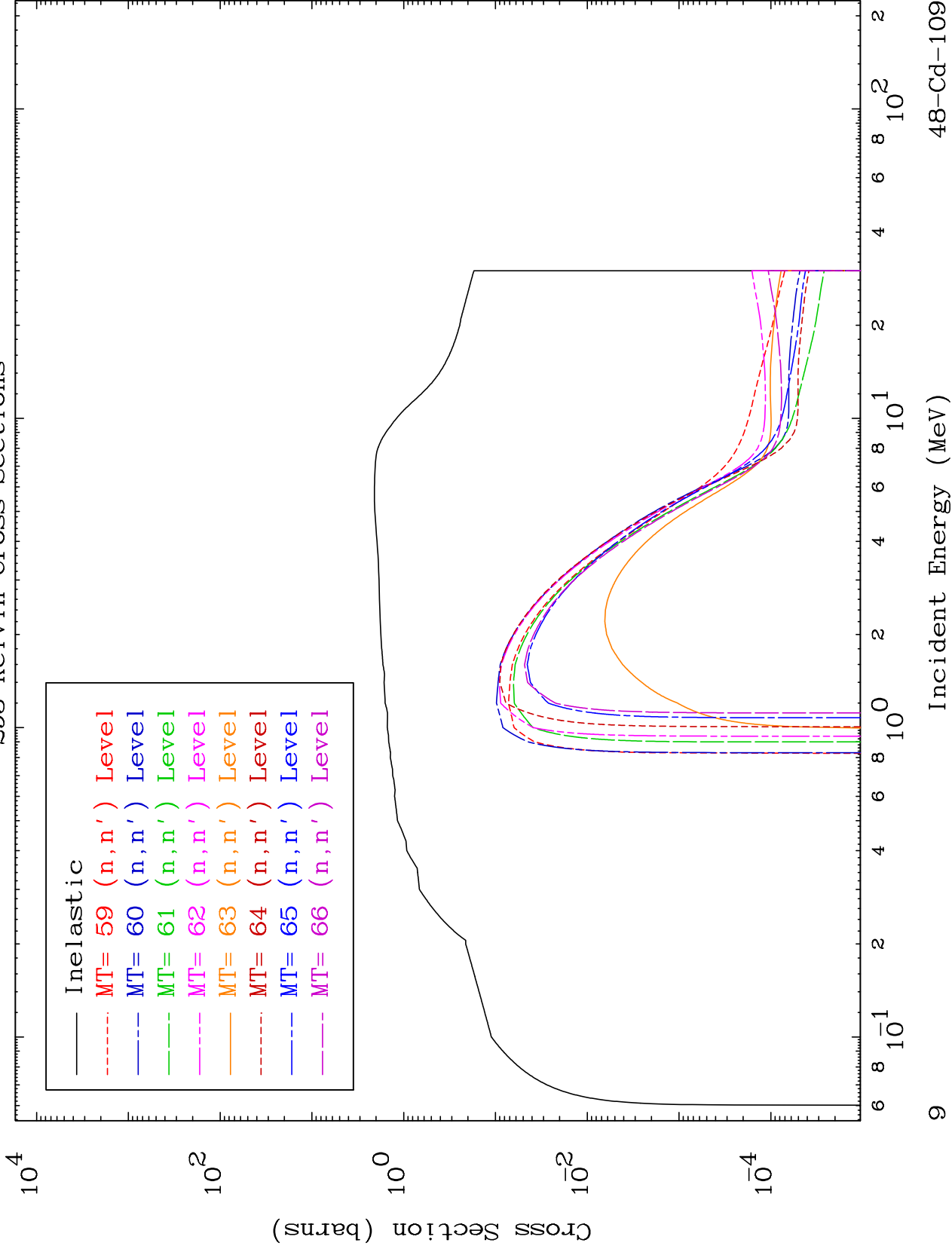
Incident Energy (MeV)

48-Cd-109

MAT 4834

(n,n') Levels  
293 Kelvin Cross Sections

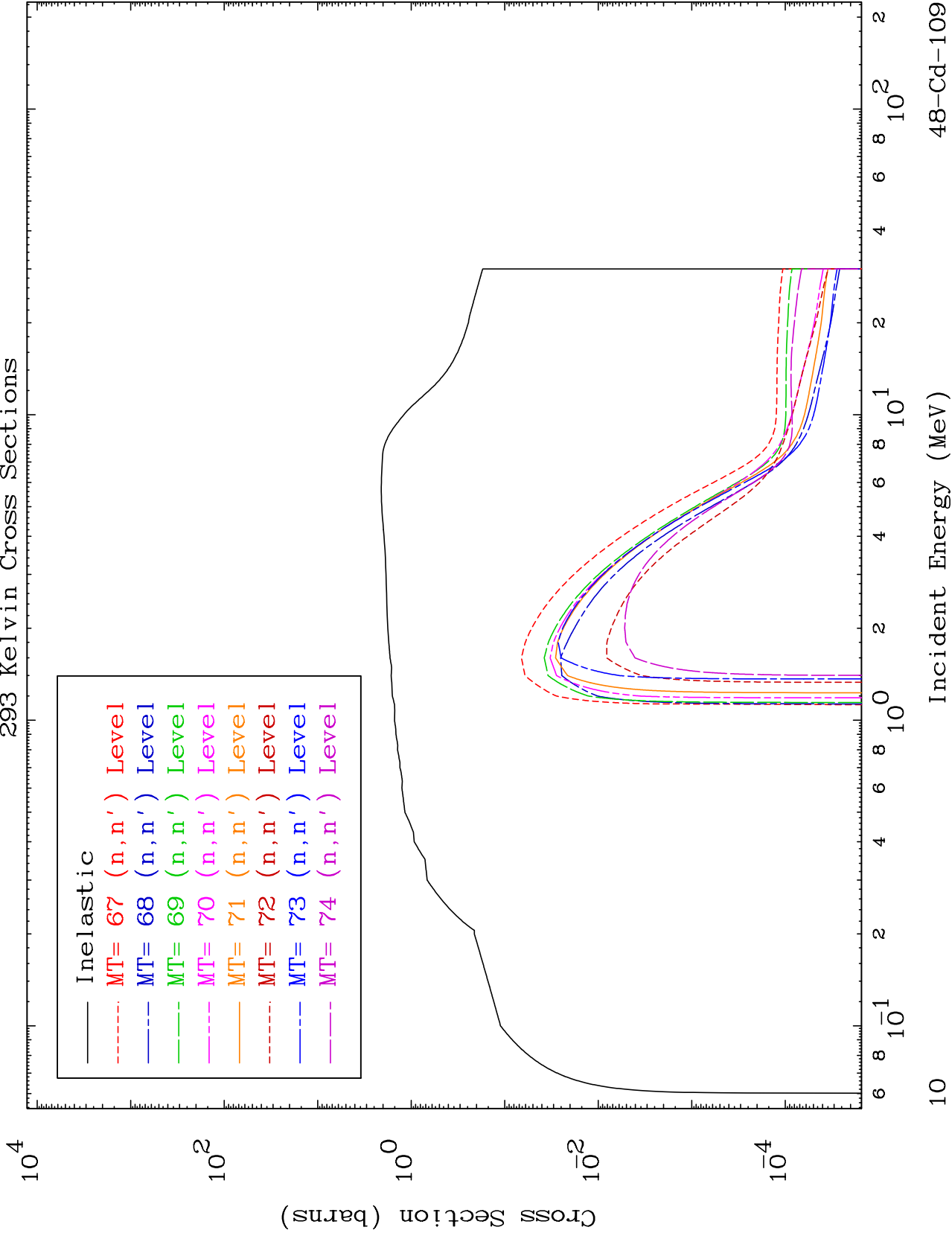
48-Cd-109



MAT 4834

(n,n') Levels  
293 Kelvin Cross Sections

48-Cd-109



48-Cd-109

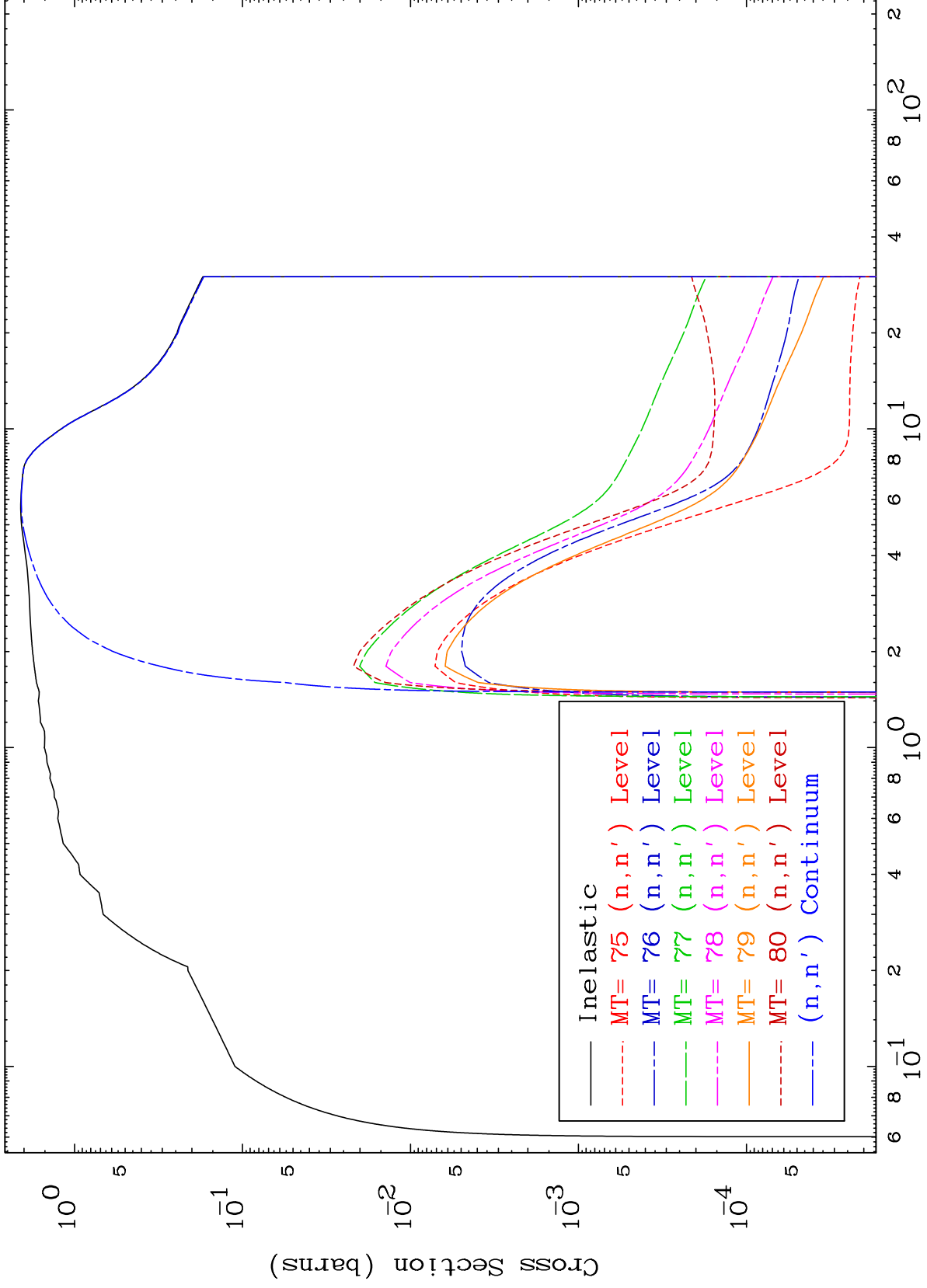
Incident Energy (MeV)

10

MAT 4834

(n,n') Levels  
293 Kelvin Cross Sections

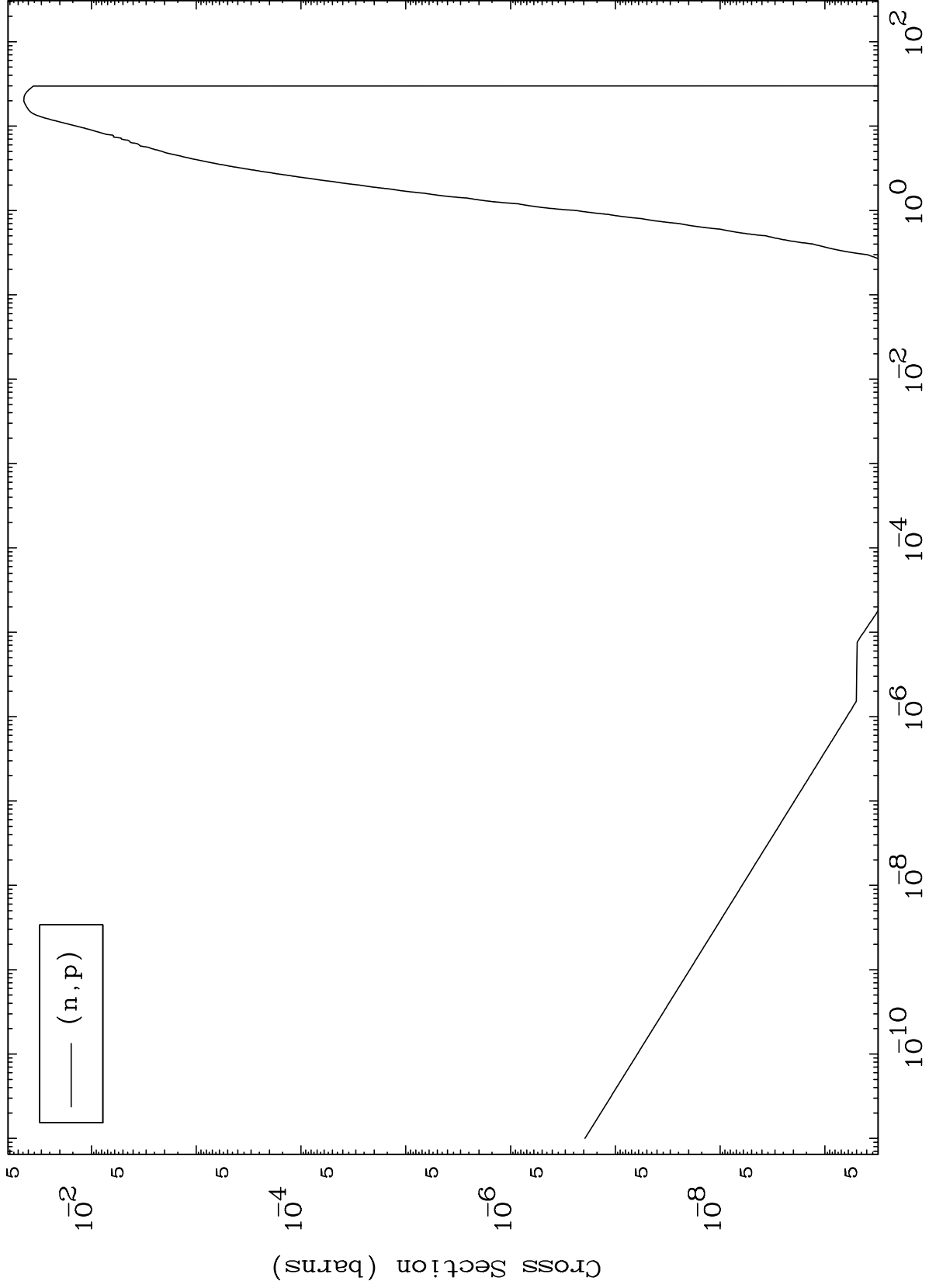
48-Cd-109



MAT 4834

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-109



(n,p)

48-Cd-109

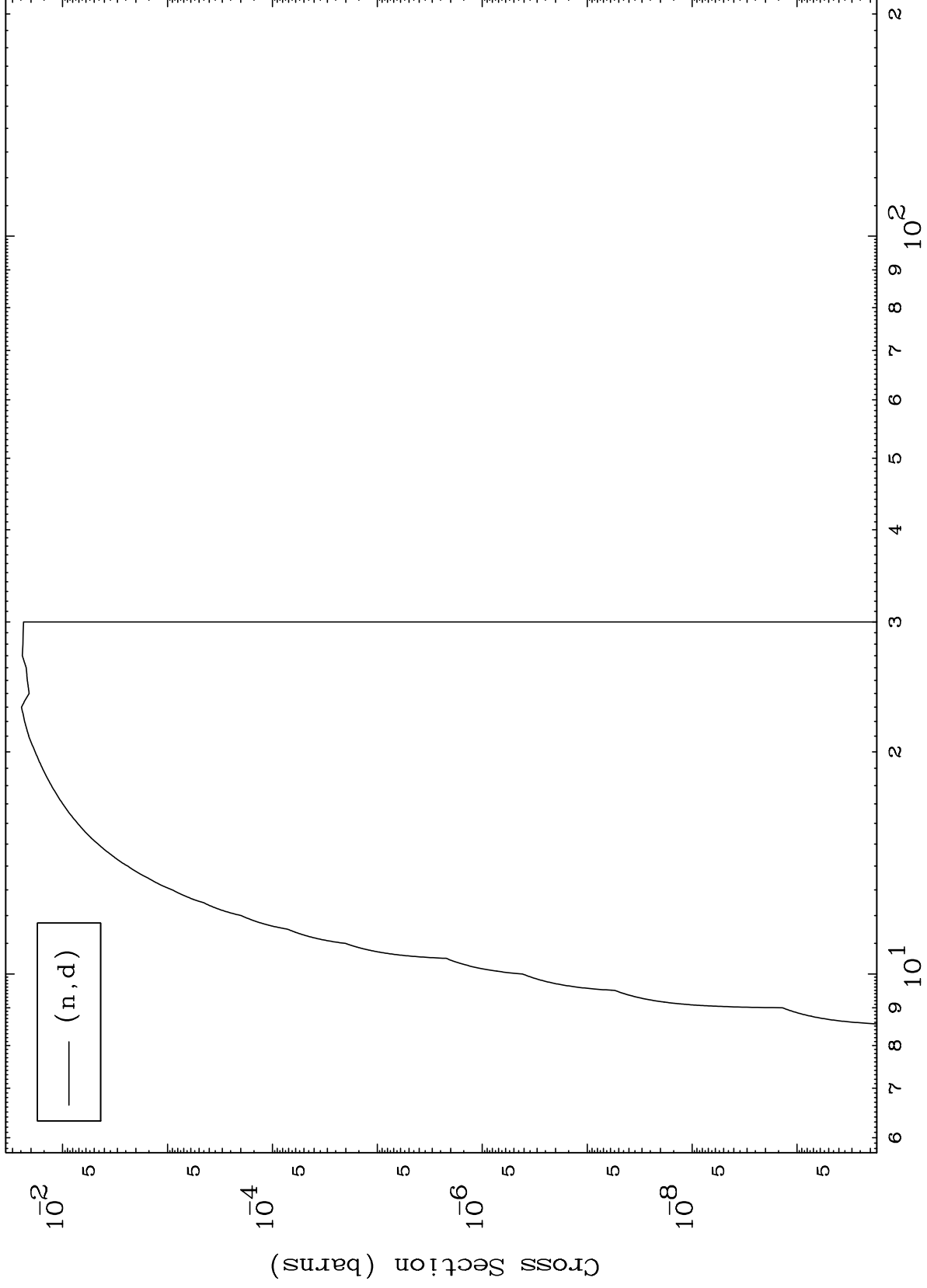
Incident Energy (MeV)

12

MAT 4834

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-109



13

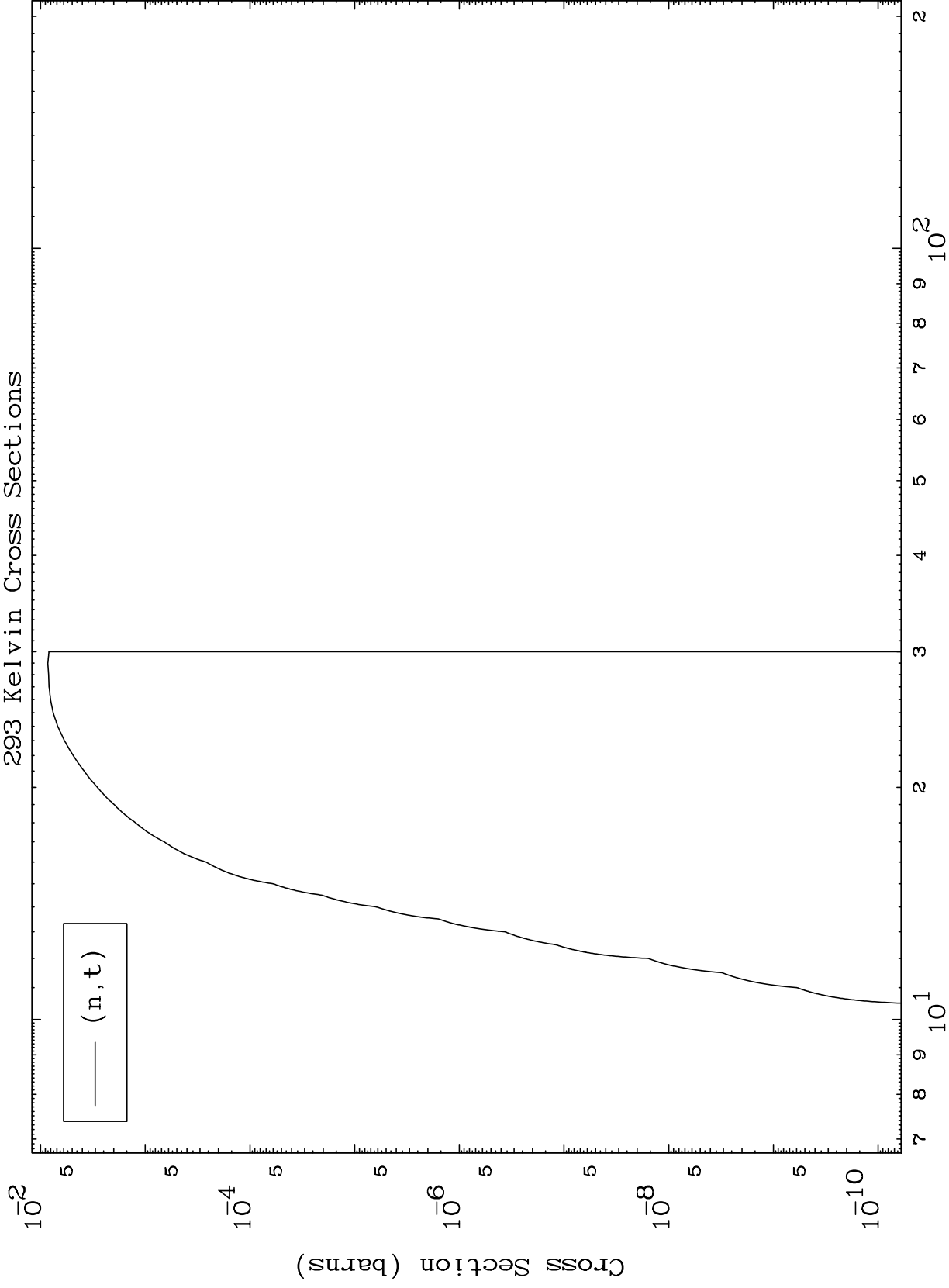
Incident Energy (MeV)

48-Cd-109

MAT 4834

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-109



14

Incident Energy (MeV)

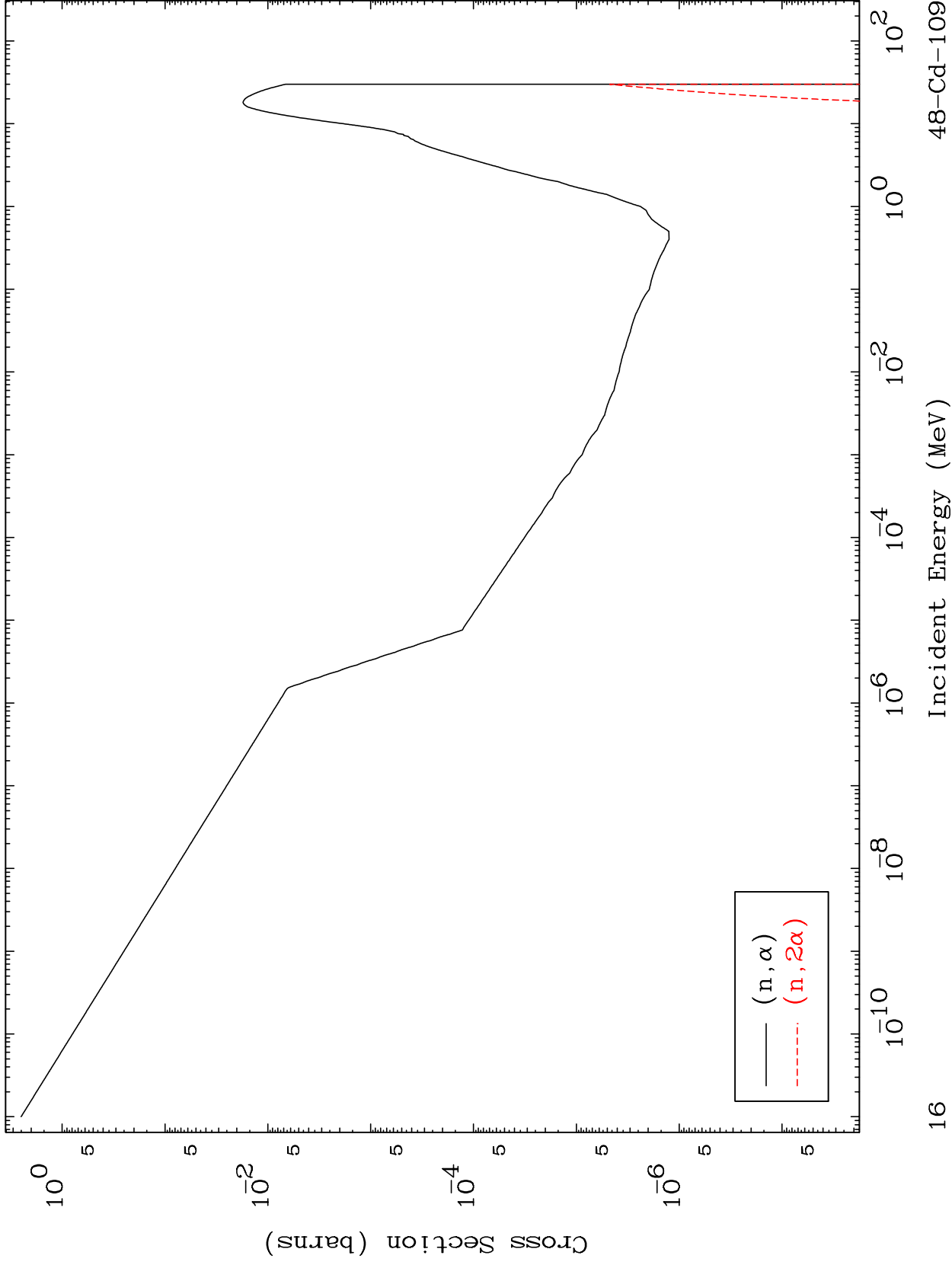
48-Cd-109



MAT 4834

(n,α) Levels  
293 Kelvin Cross Sections

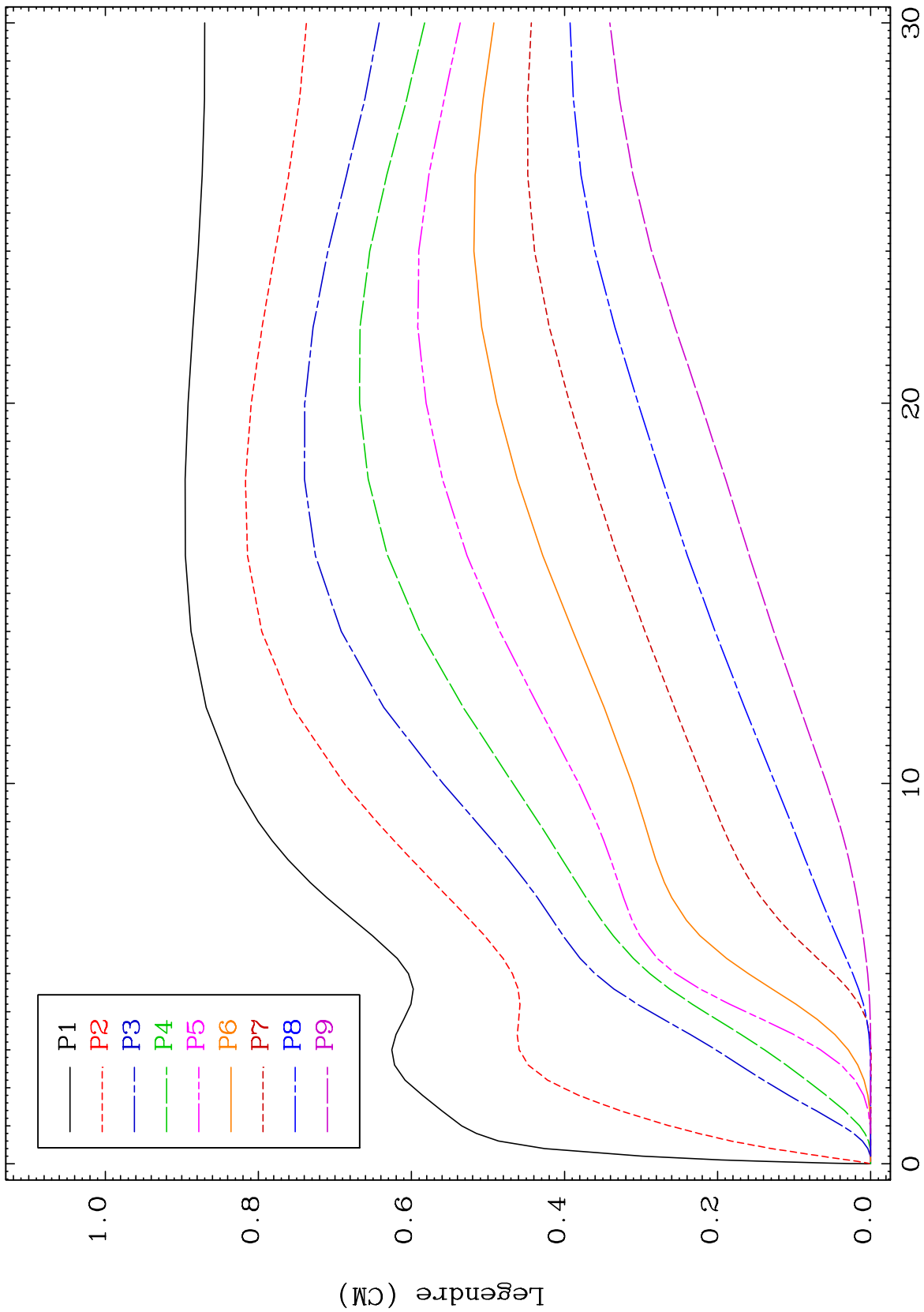
48-Cd-109



MAT 4834

Elastic Legendre Coefficients

48-Cd-109



17

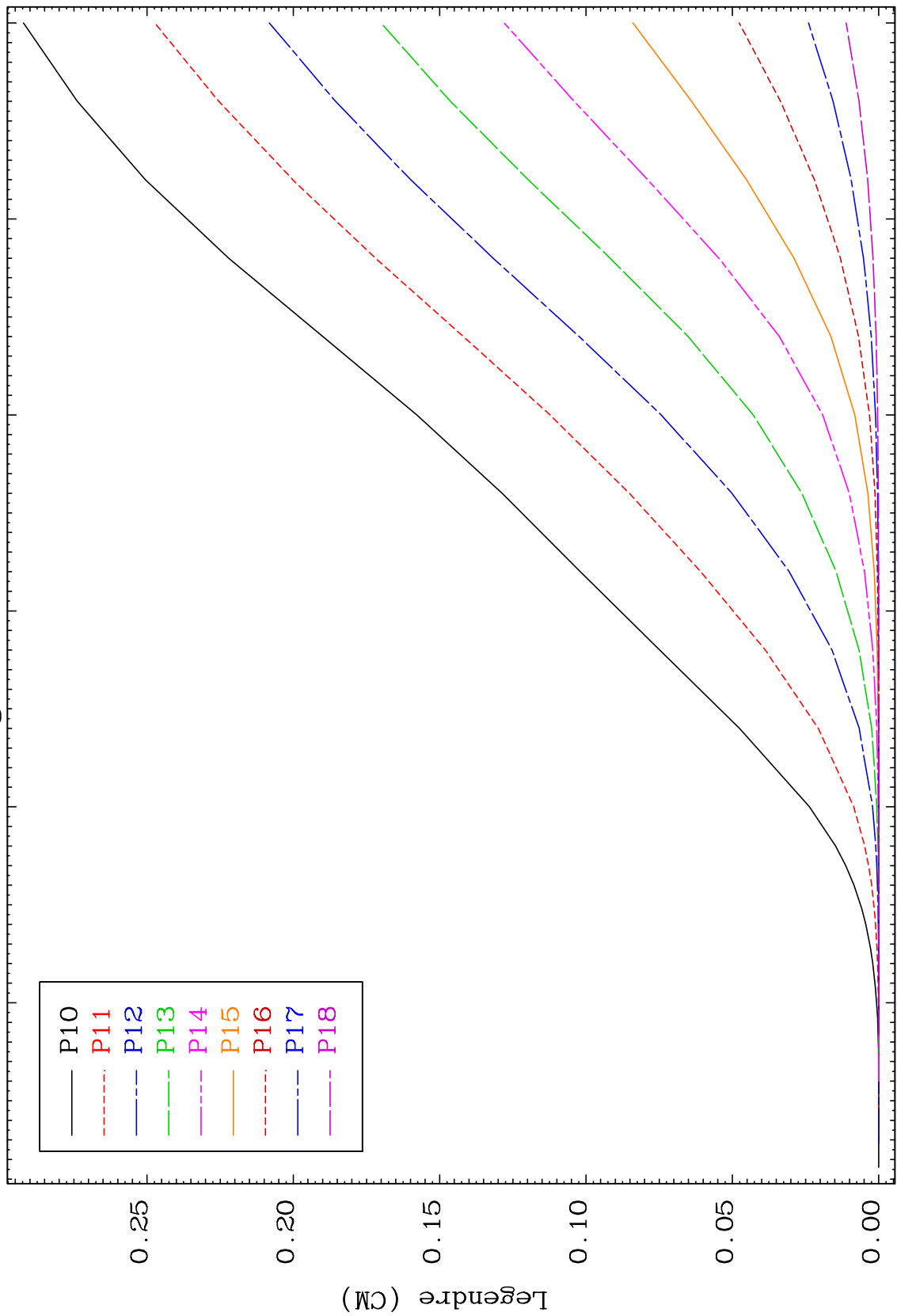
Incident Energy (MeV)

48-Cd-109

MAT 4834

Elastic Legendre Coefficients

48-Cd-109



18

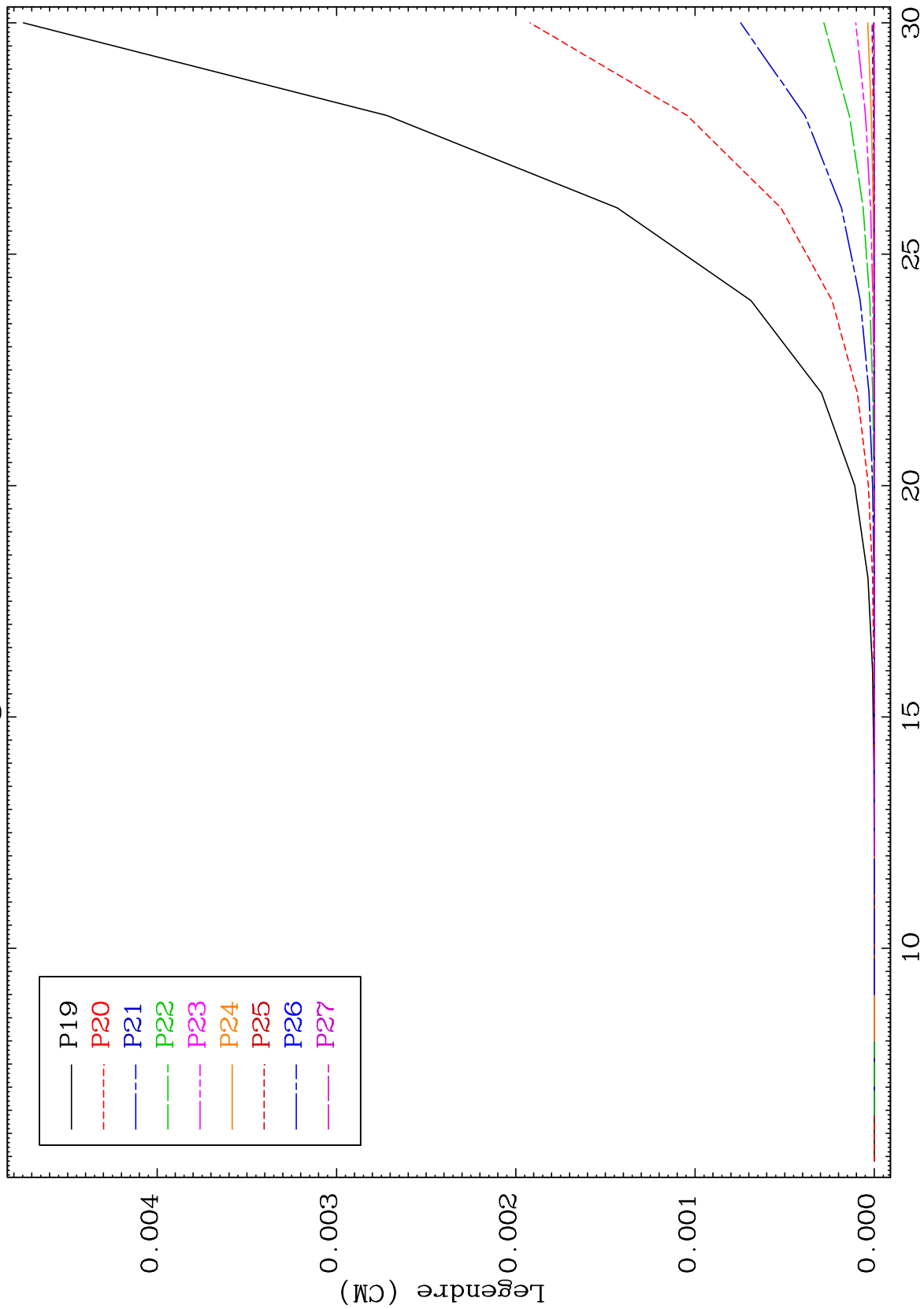
Incident Energy (MeV)

48-Cd-109

MAT 4834

### Elastic Legendre Coefficients

48-Cd-109



19

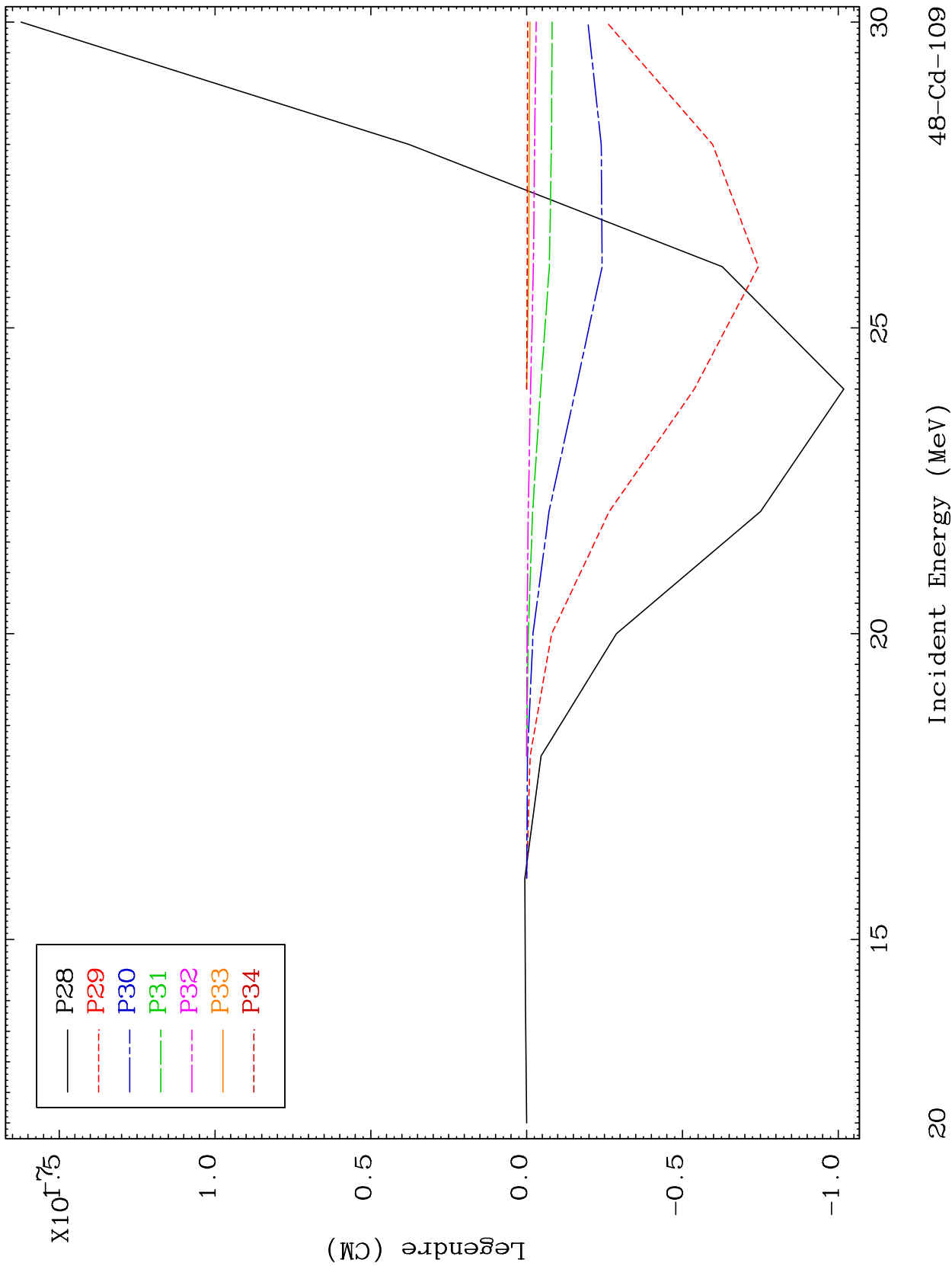
Incident Energy (MeV)

48-Cd-109

MAT 4834

Elastic Legendre Coefficients

48-Cd-109



20

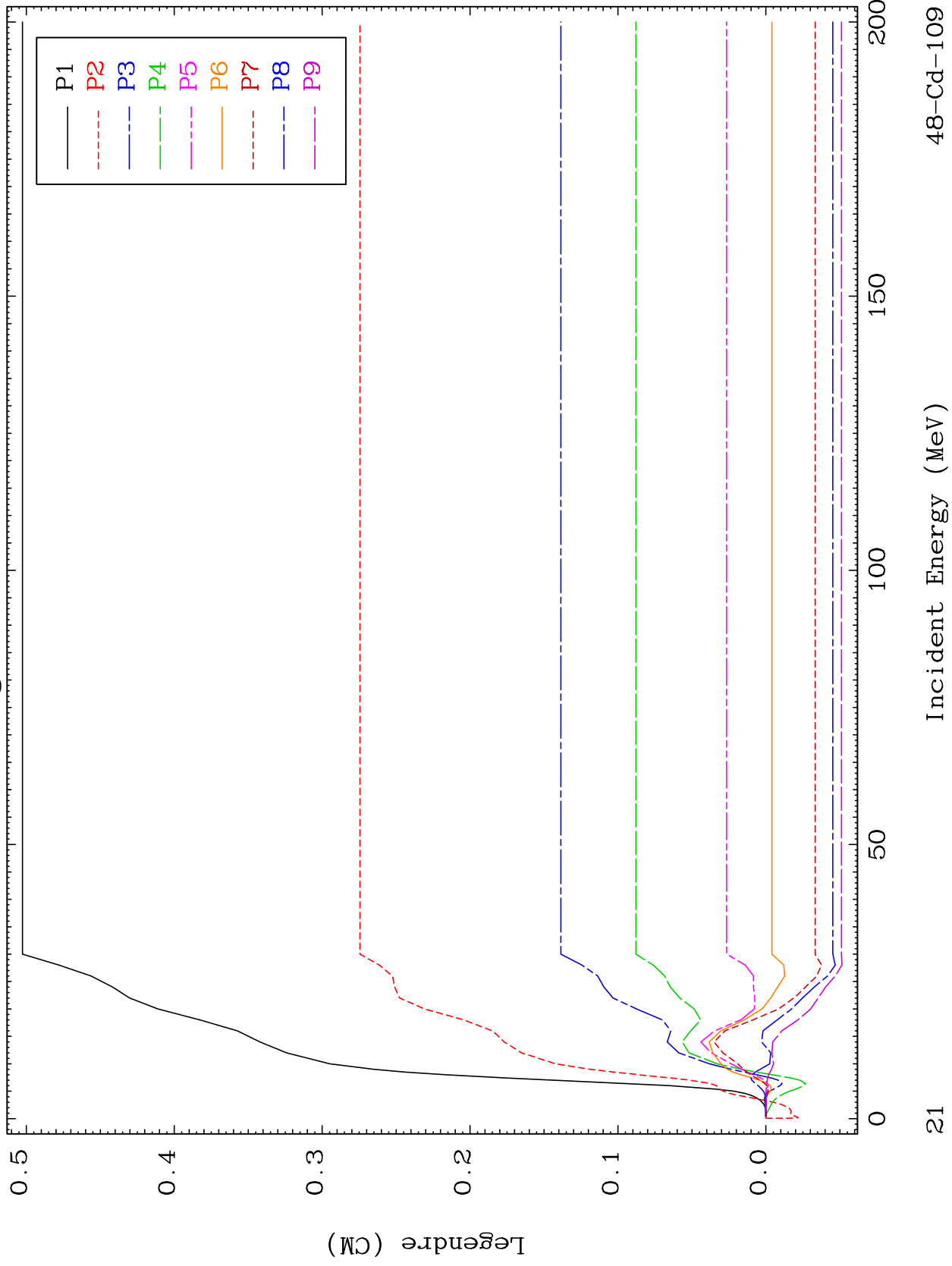
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109

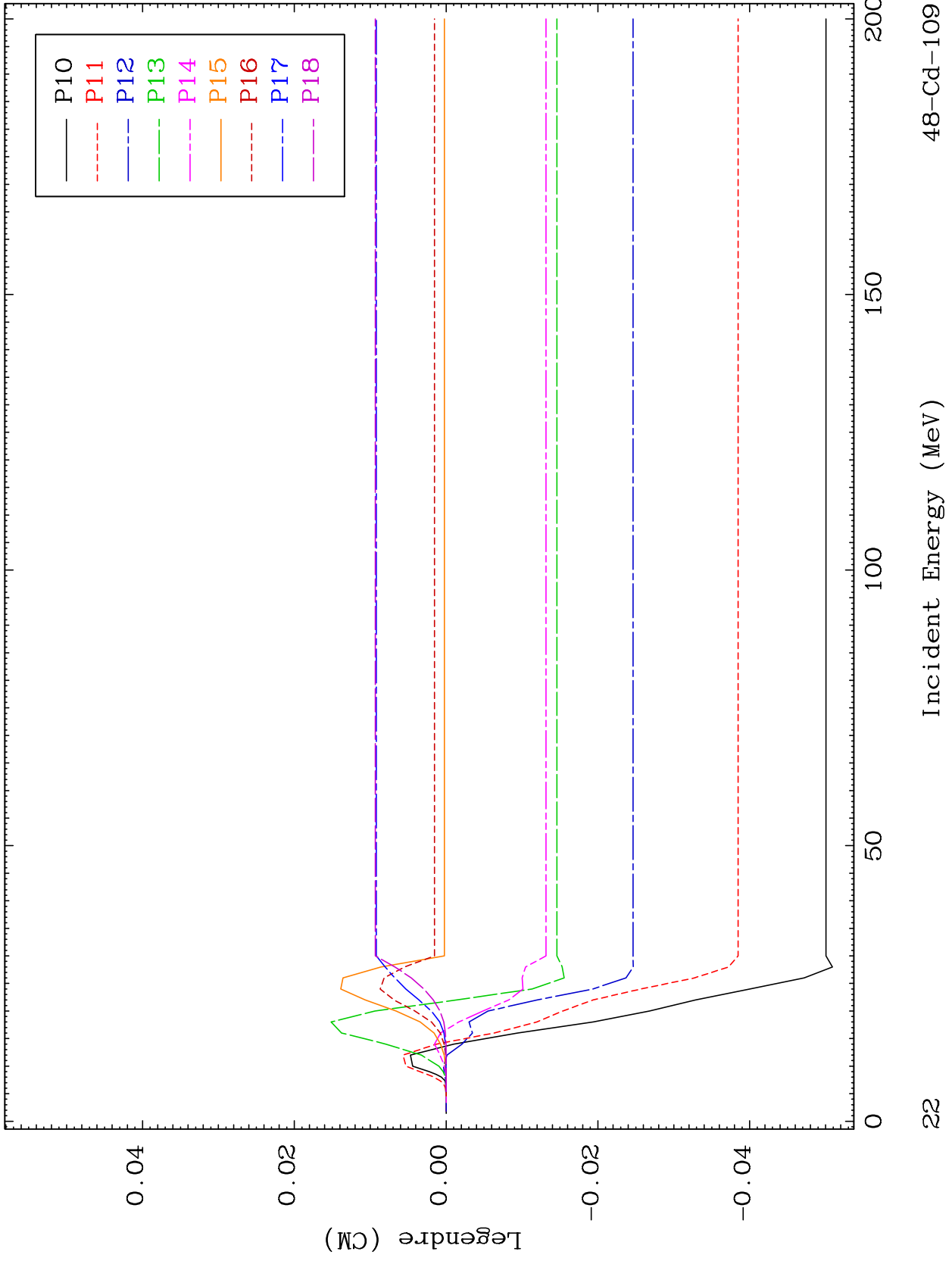


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MAT 4834

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

48-Cd-109



22

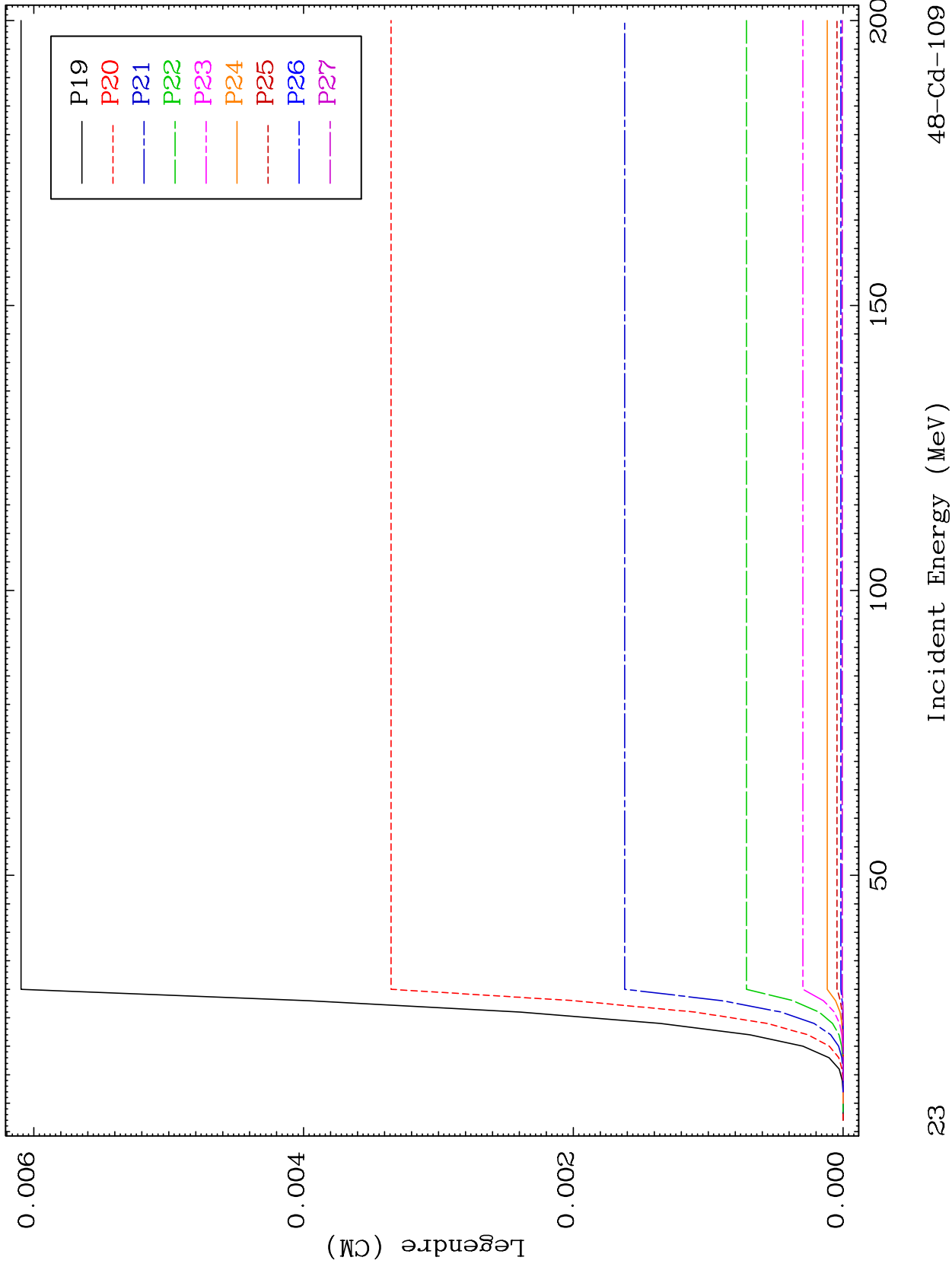
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



23

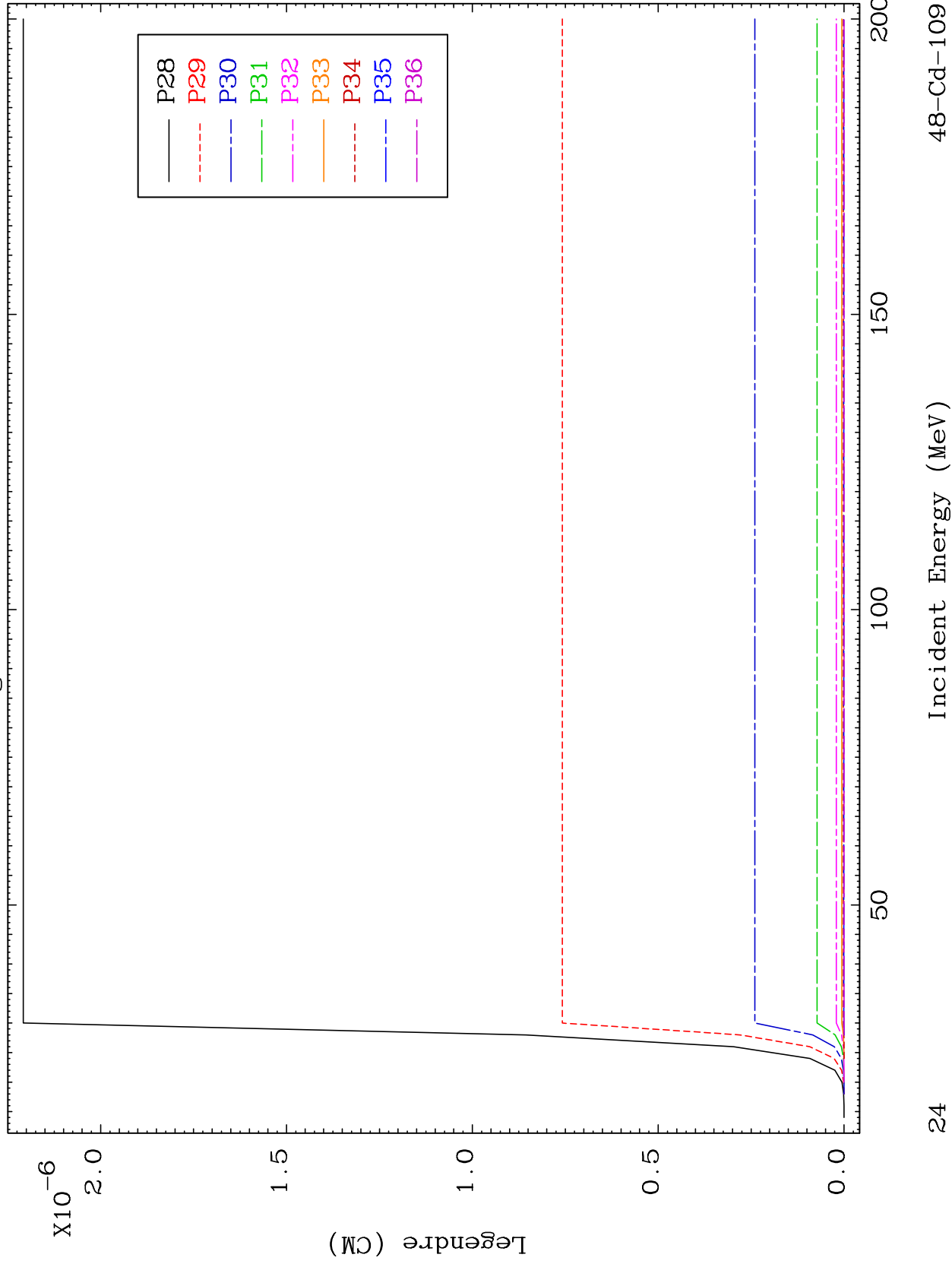
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



24

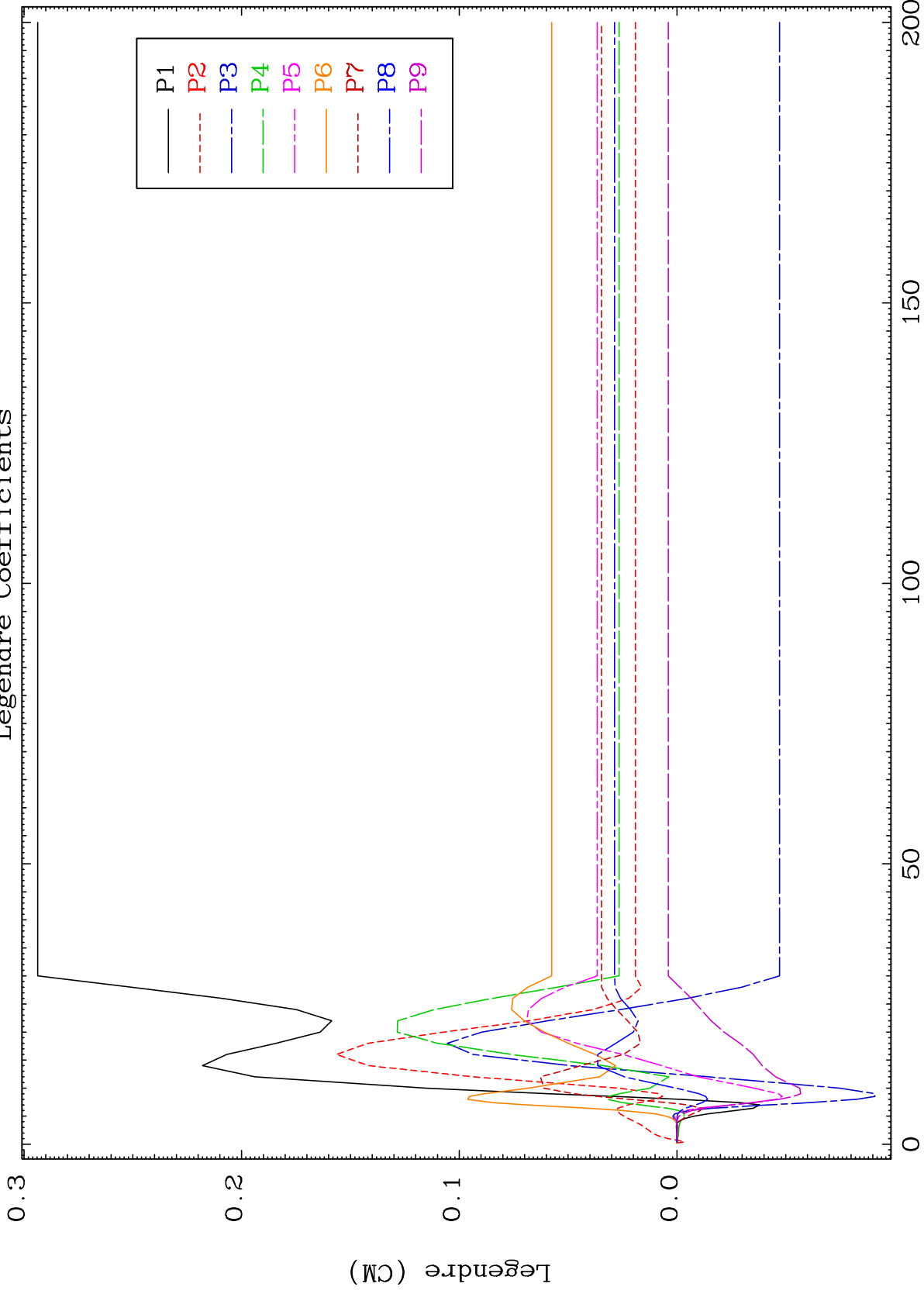
48-Cd-109

MAT 4834

MT= 52 (n,n') Level

48-Cd-109

Legendre Coefficients



25

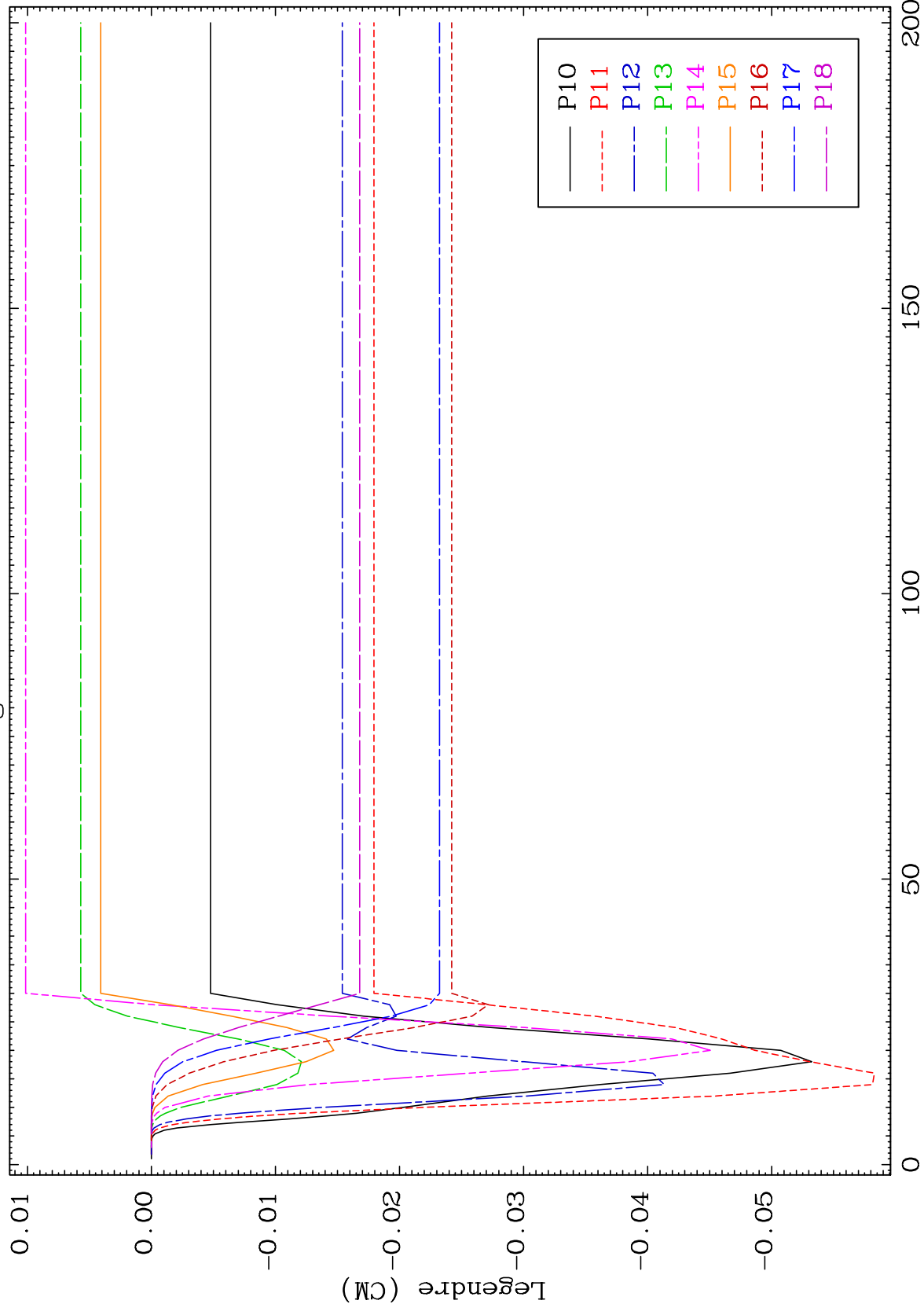
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

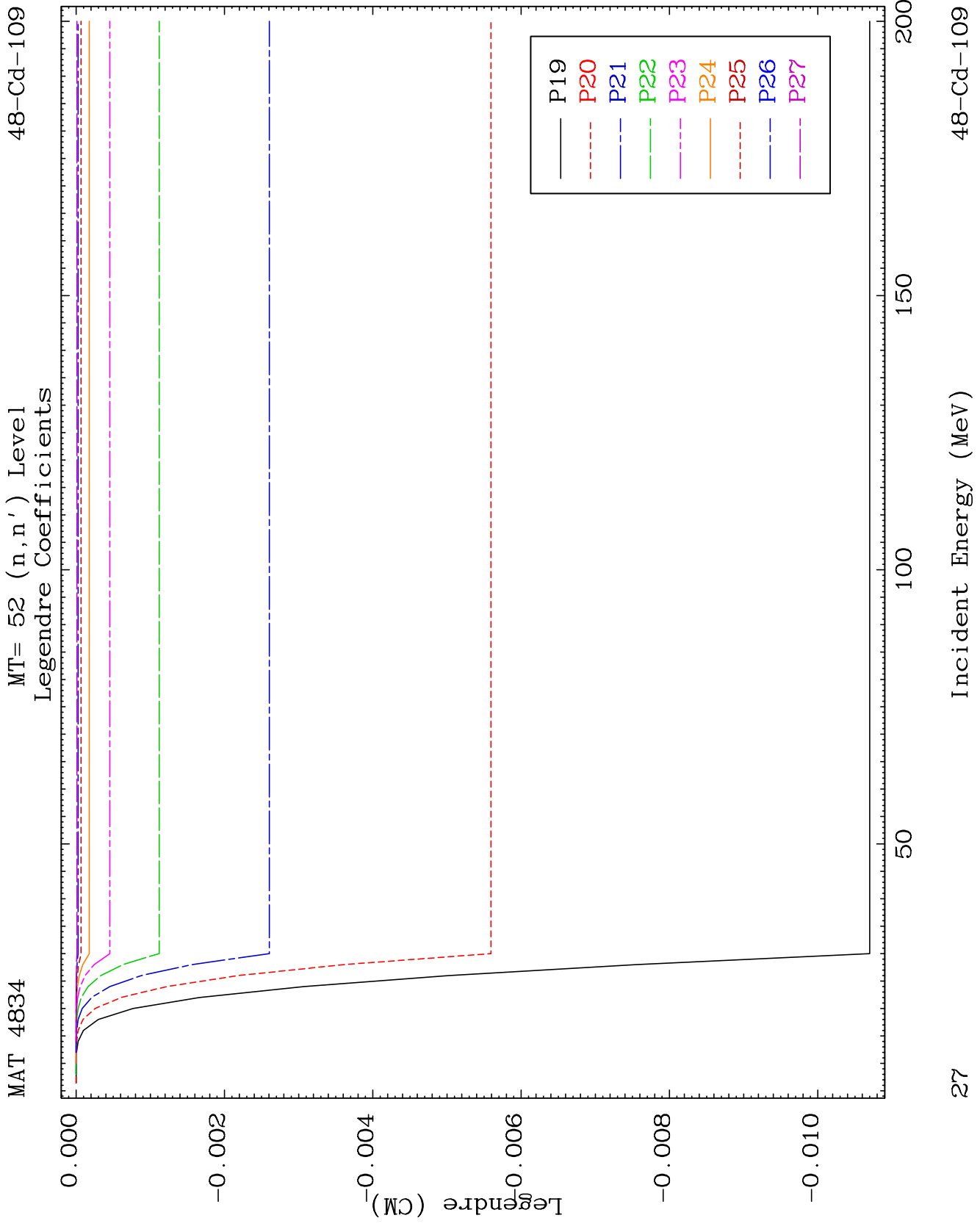
48-Cd-109

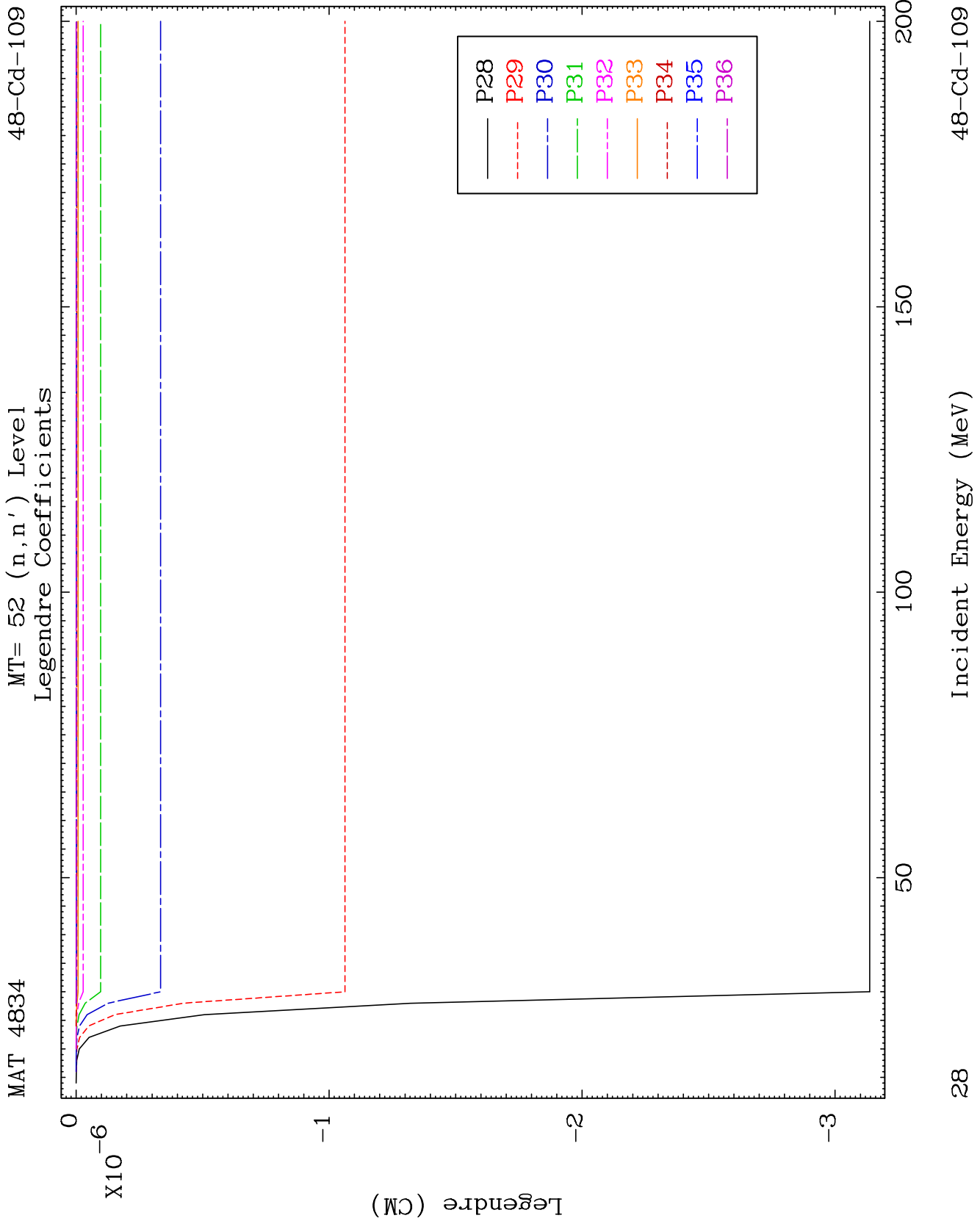


26

Incident Energy (MeV)

48-Cd-109

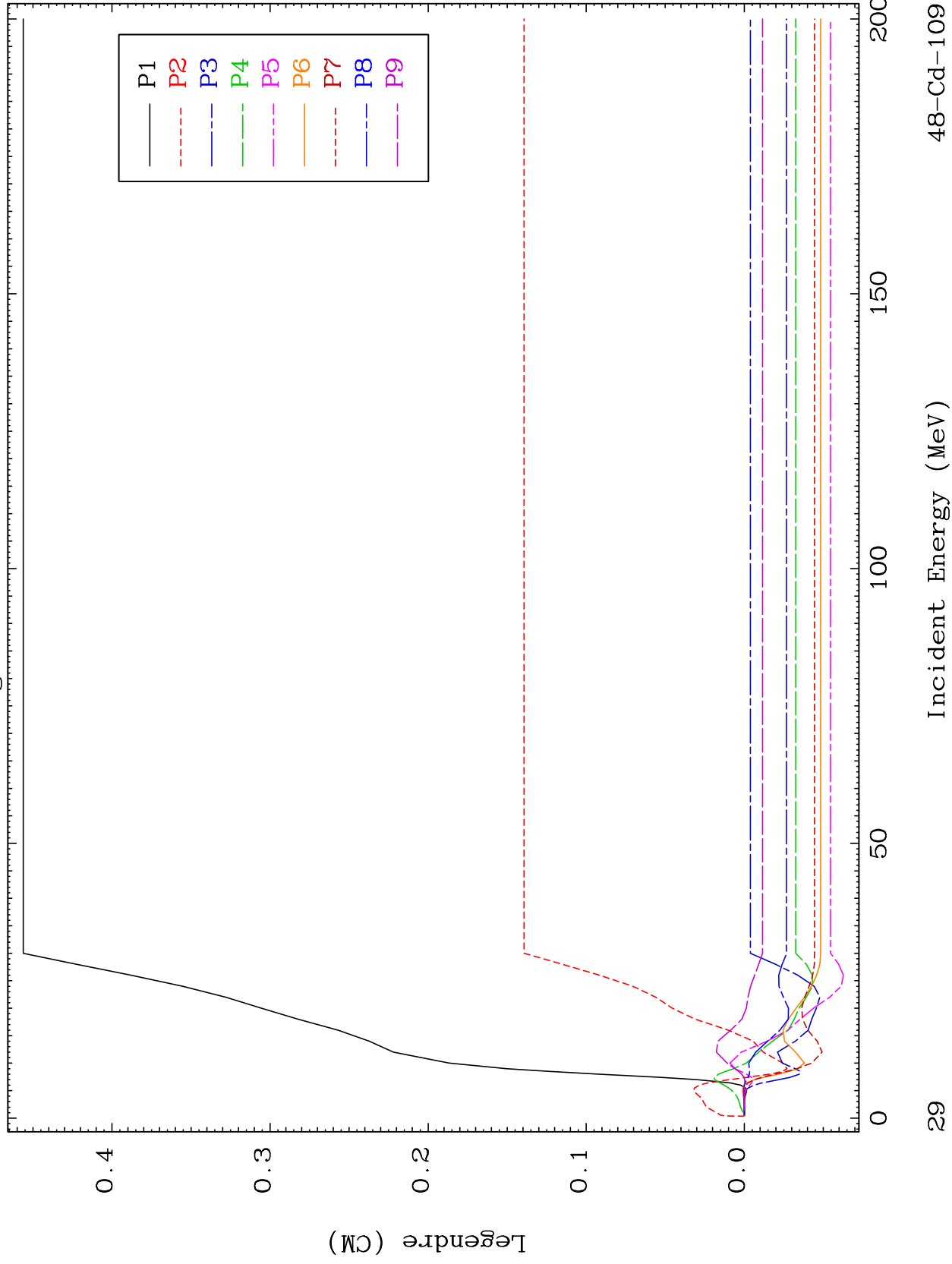




MAT 4834

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

48-Cd-109



29

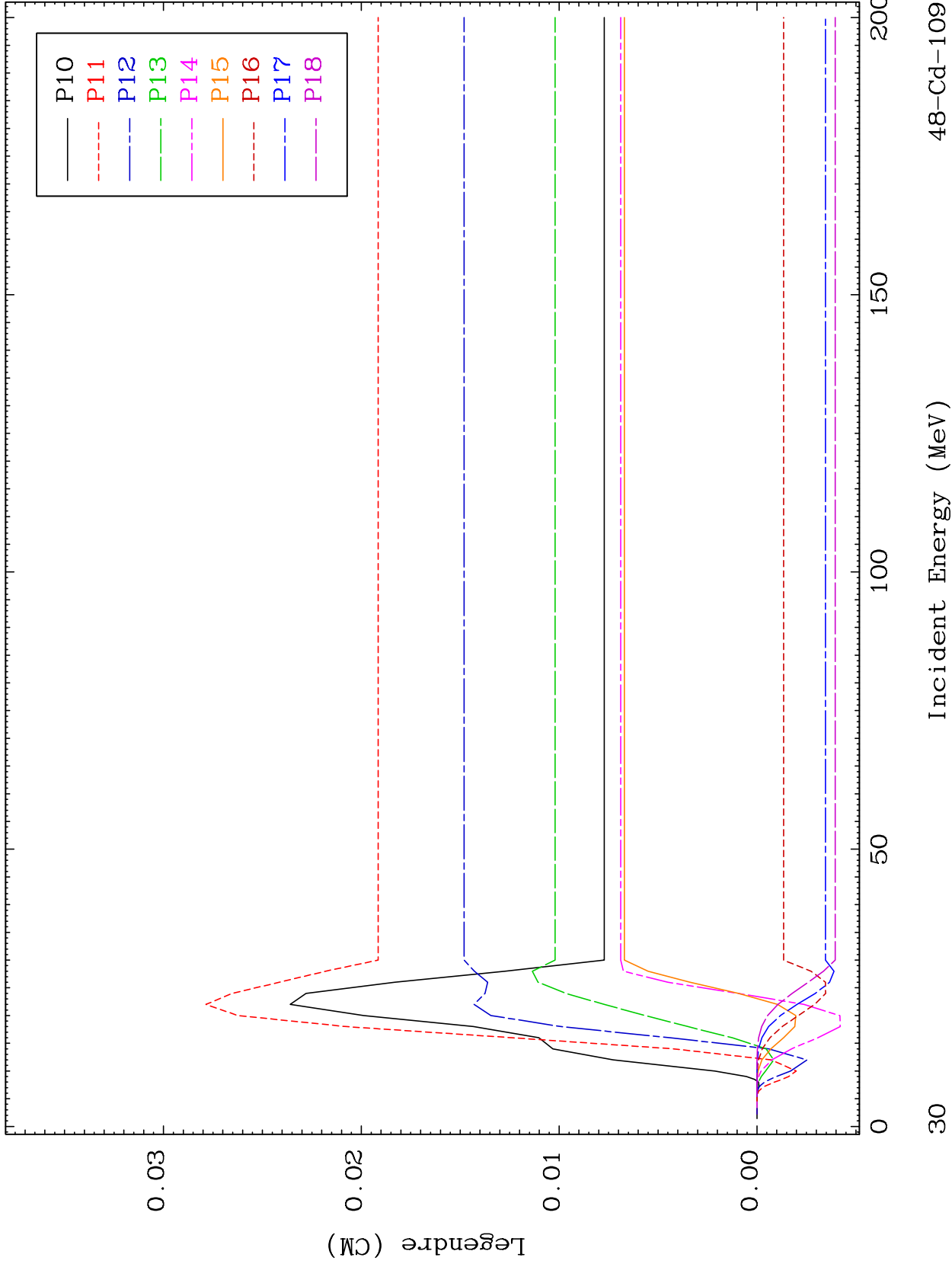
Incident Energy (MeV)

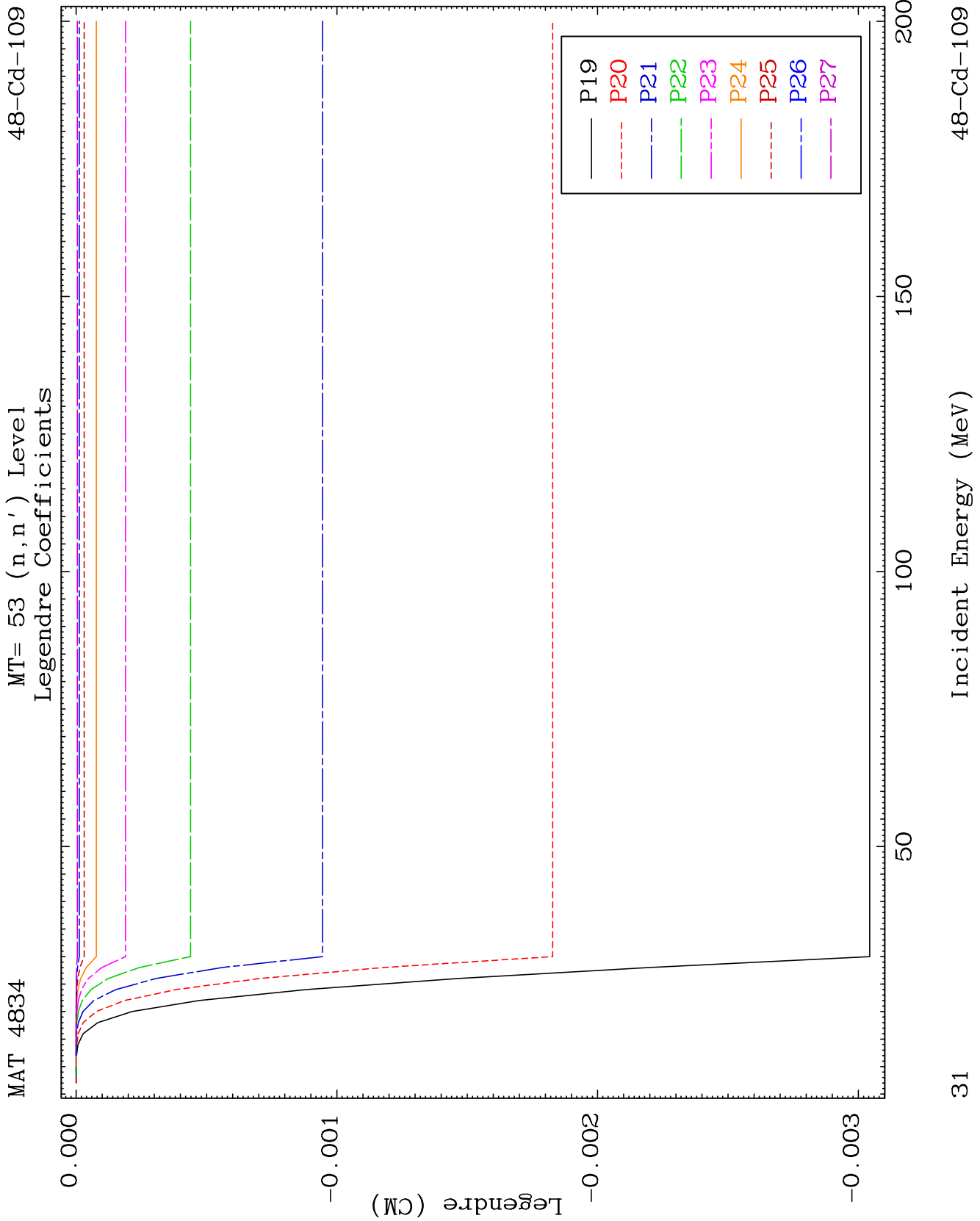
48-Cd-109

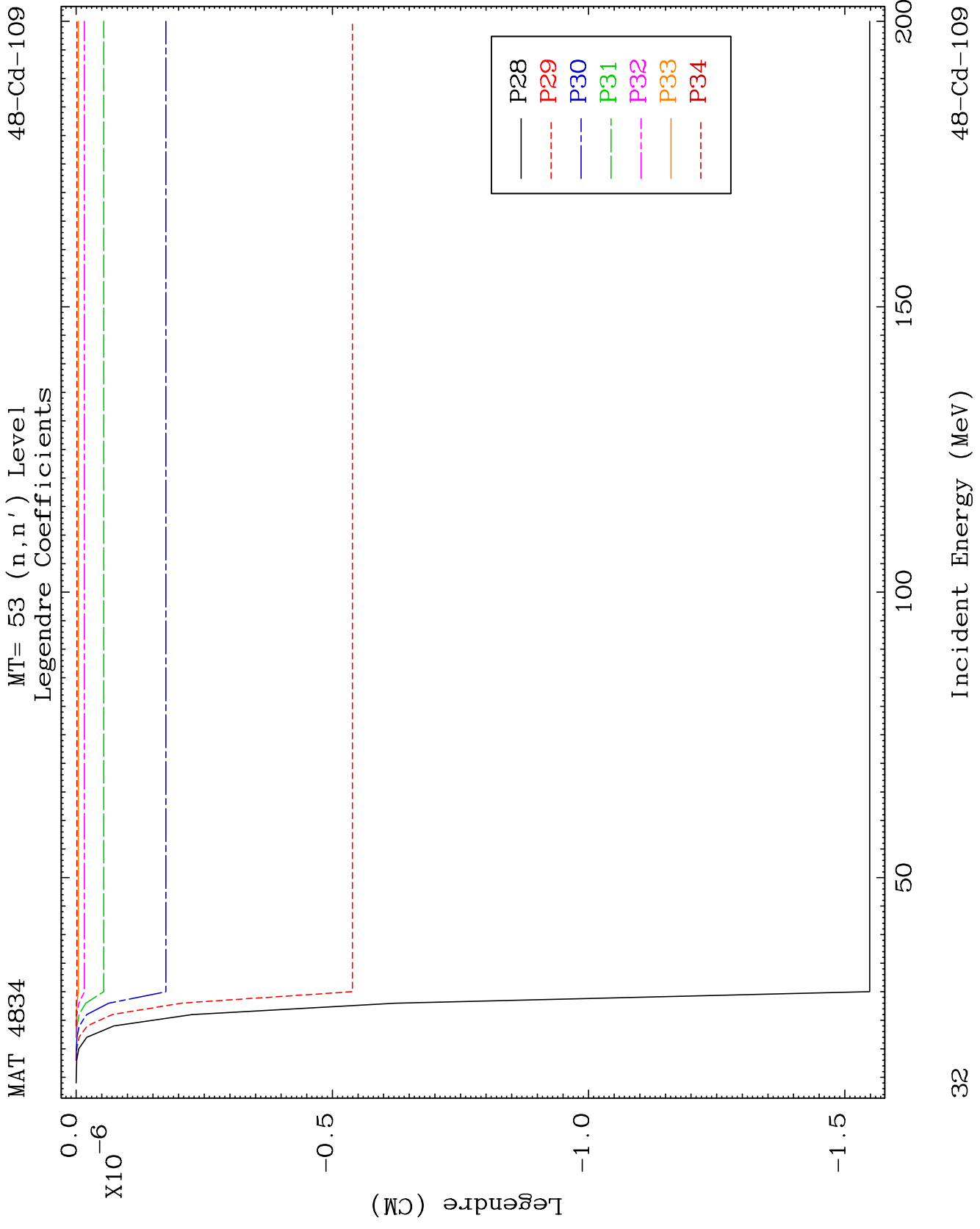
MAT 4834

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

48-Cd-109



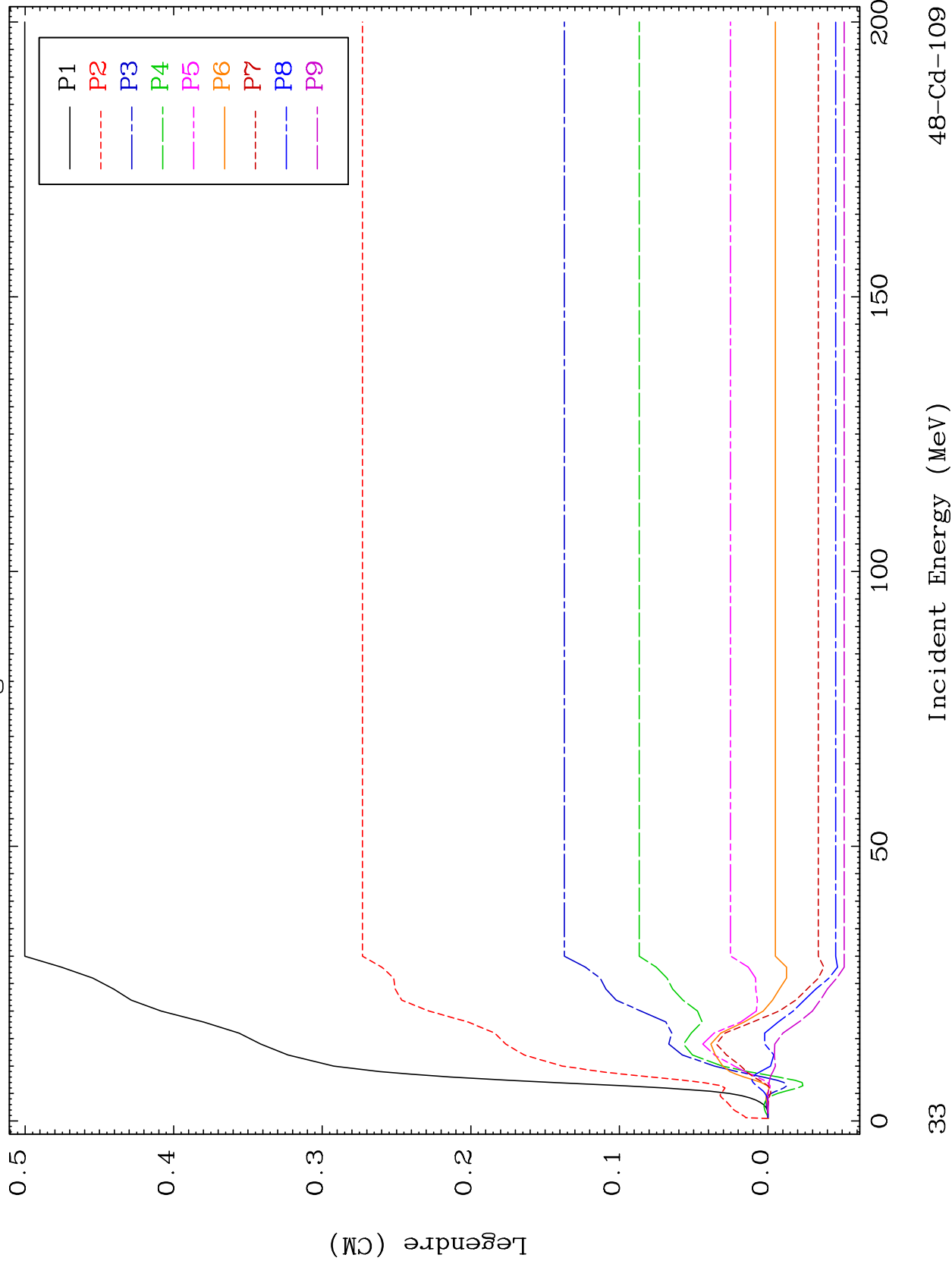




MAT 4834

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

48-Cd-109

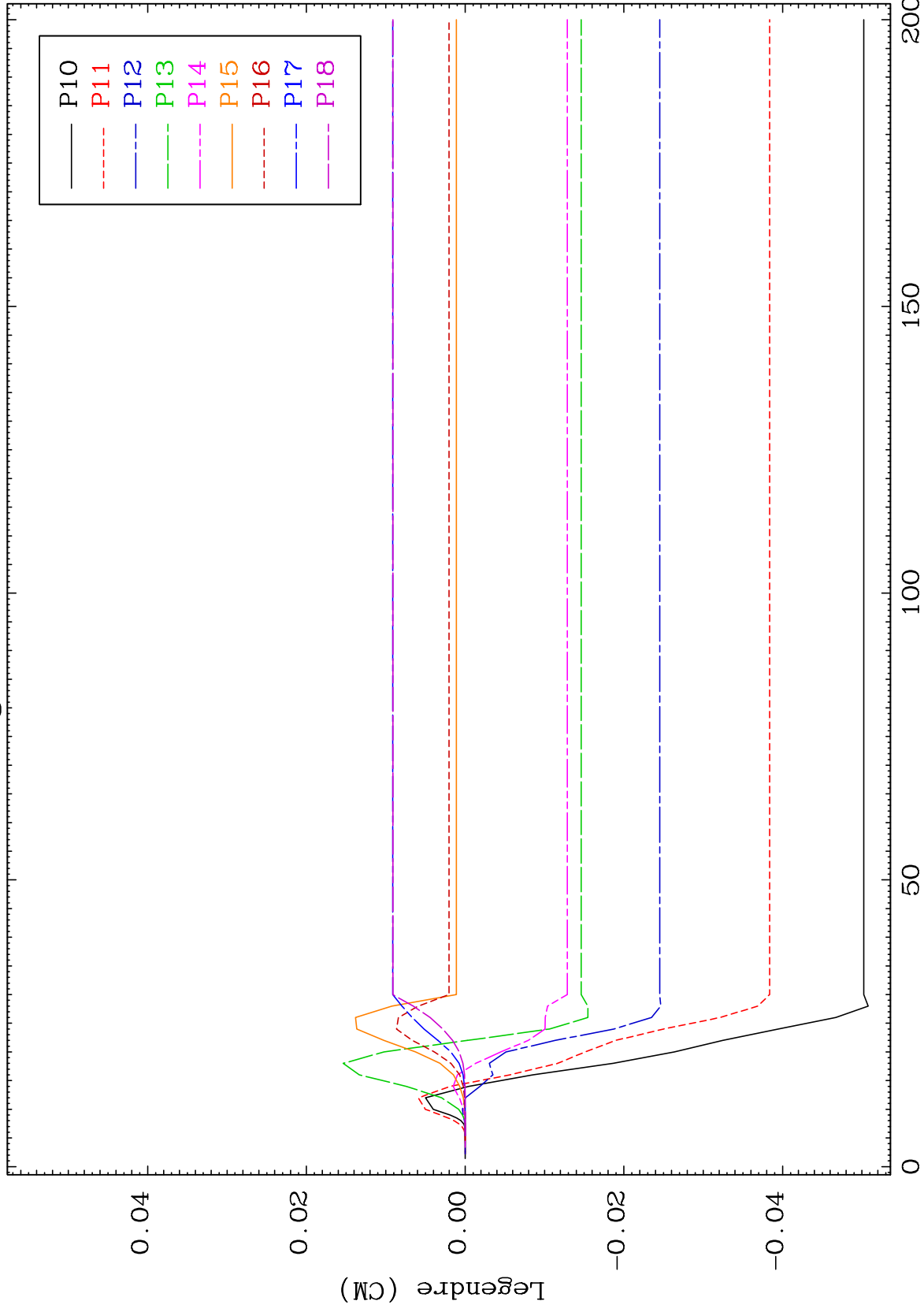


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MAT 4834

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

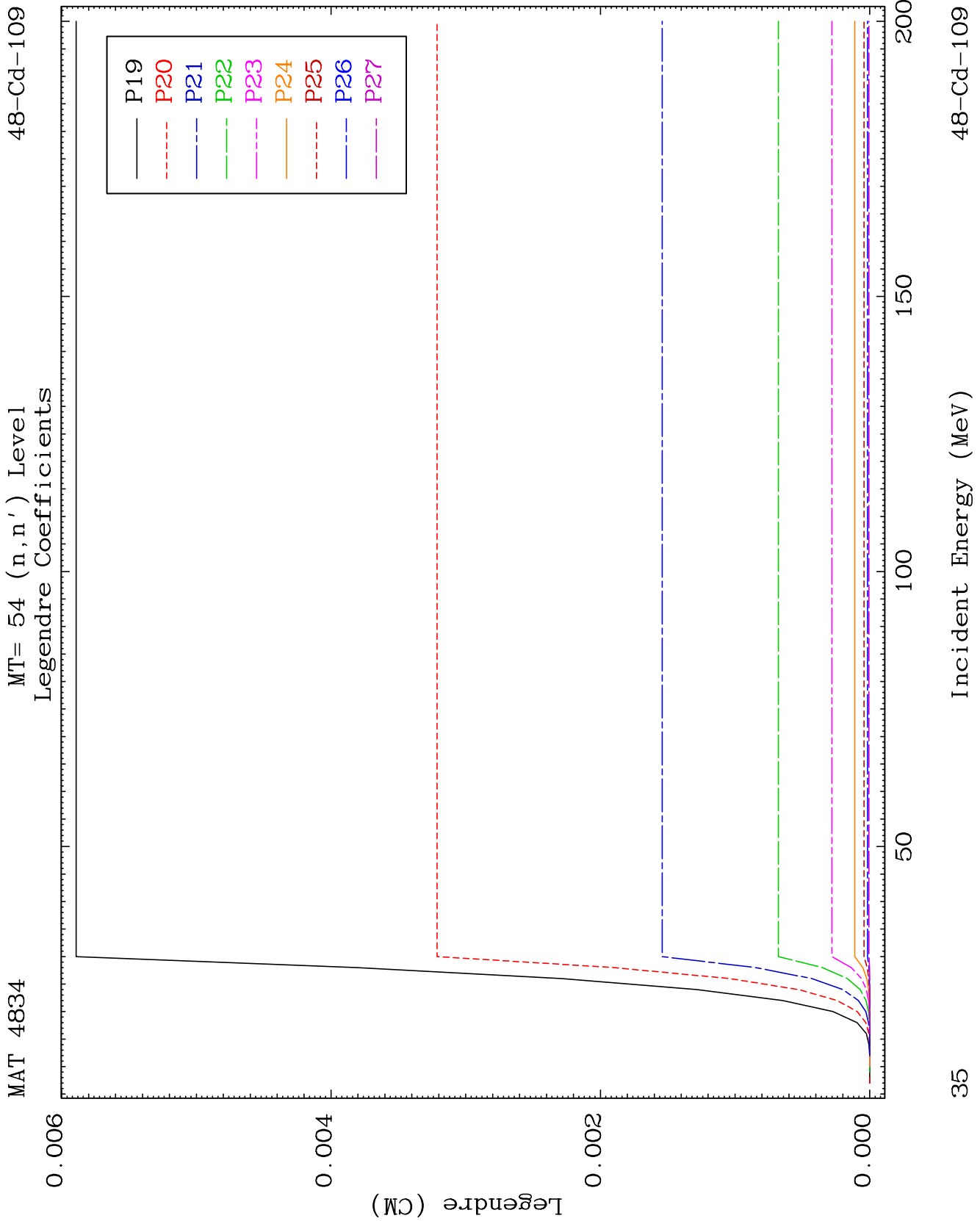
48-Cd-109



34

Incident Energy (MeV)

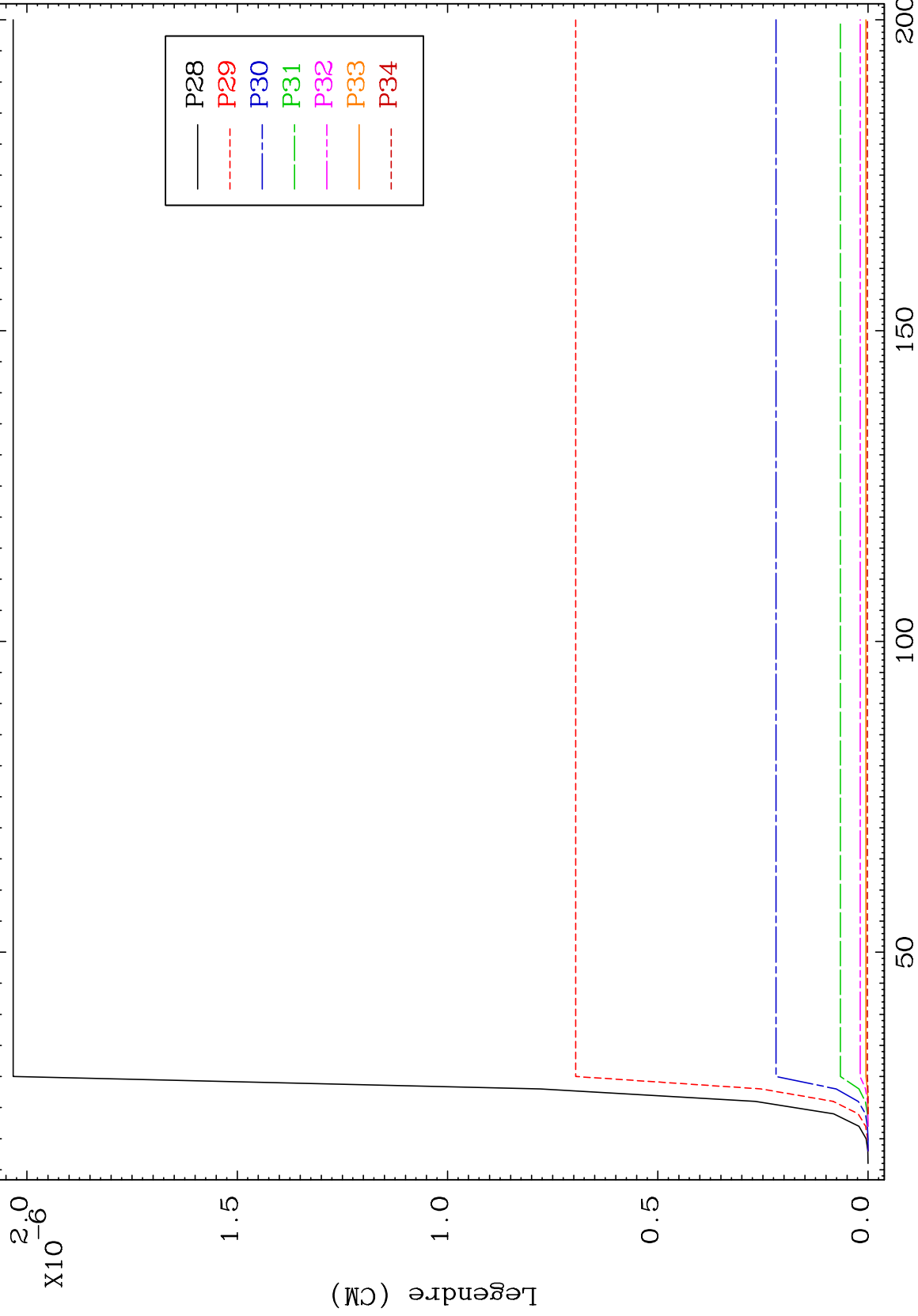
48-Cd-109



MAT 4834

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

48-Cd-109



36

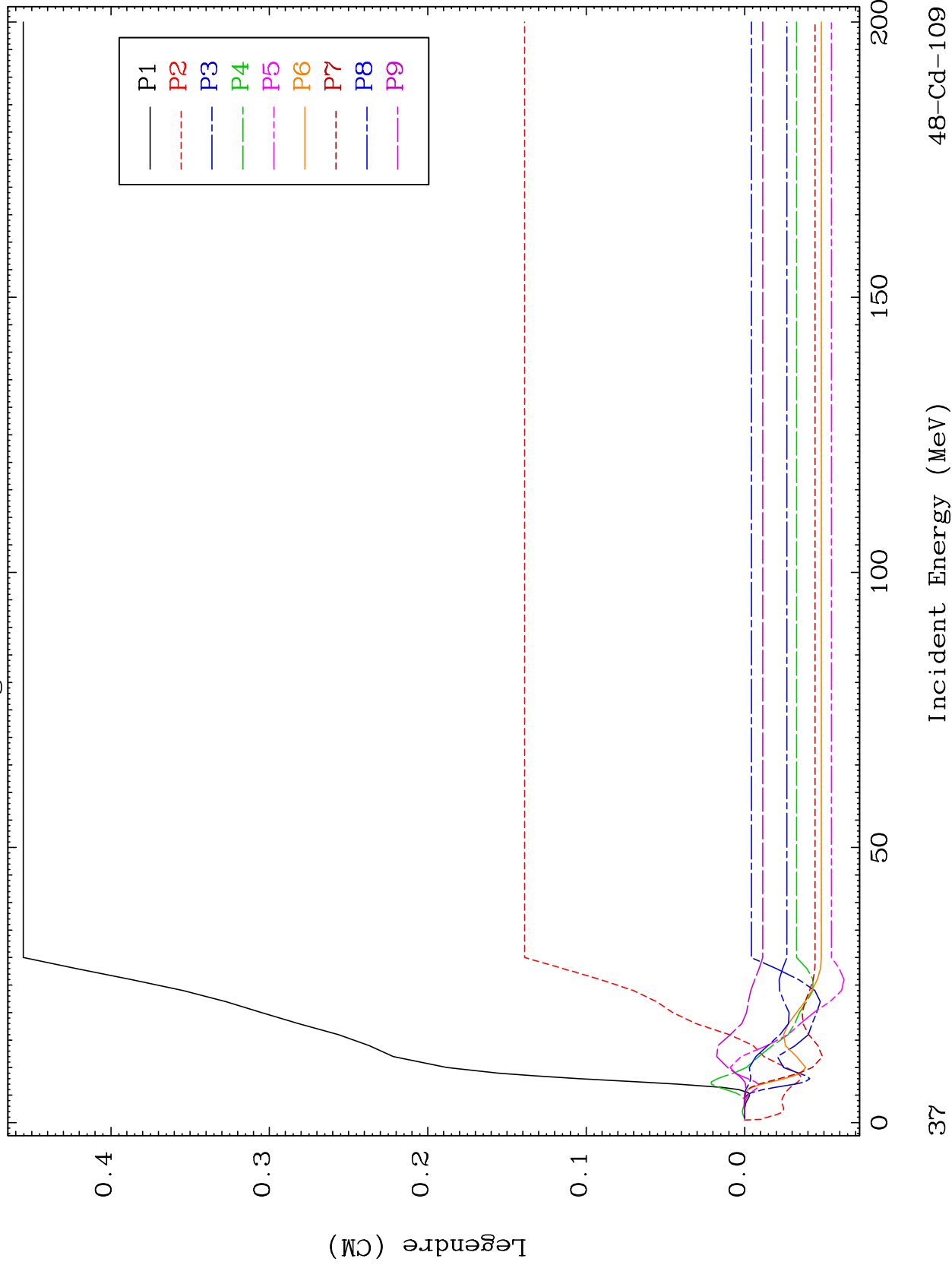
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



37

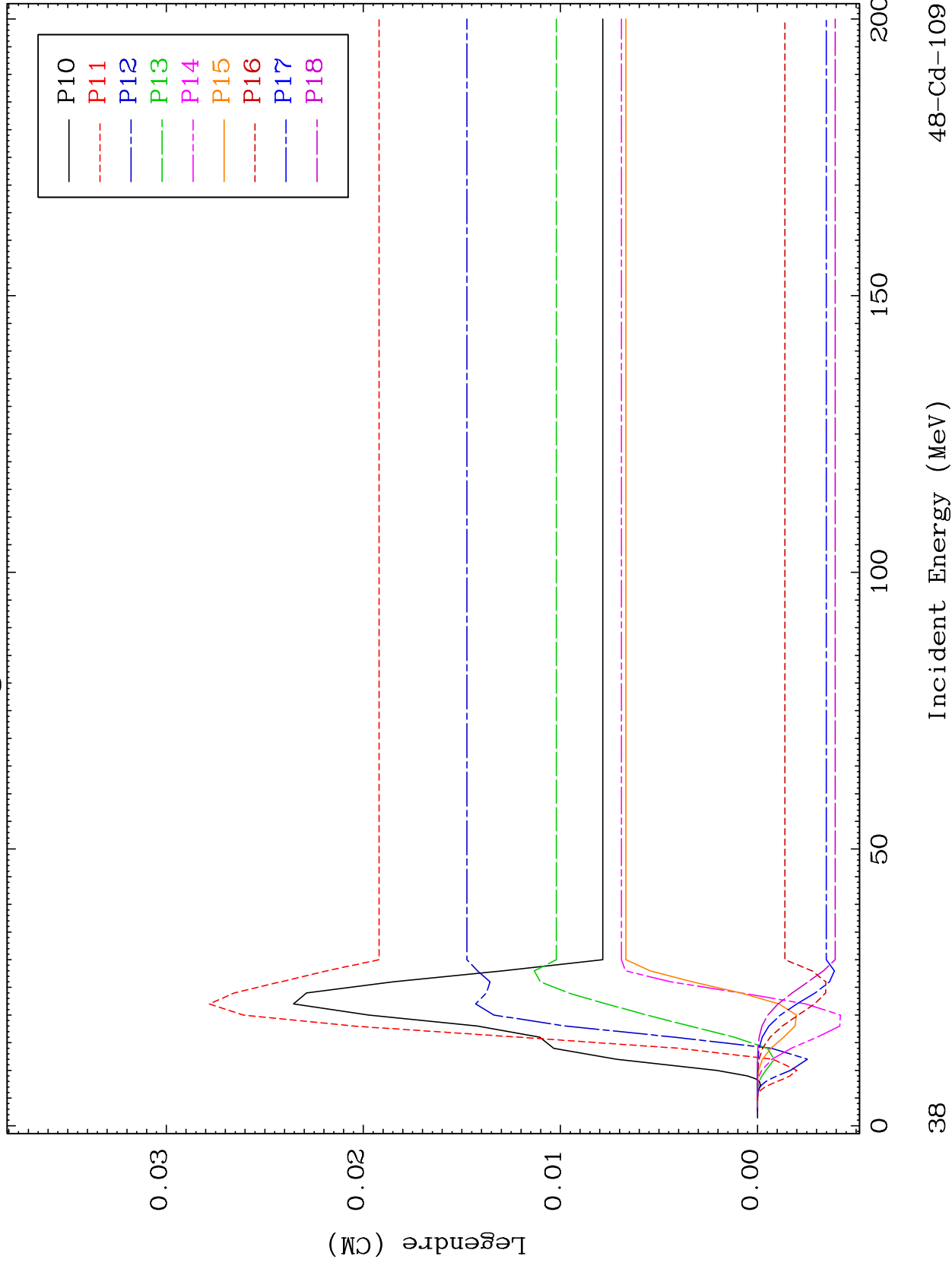
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

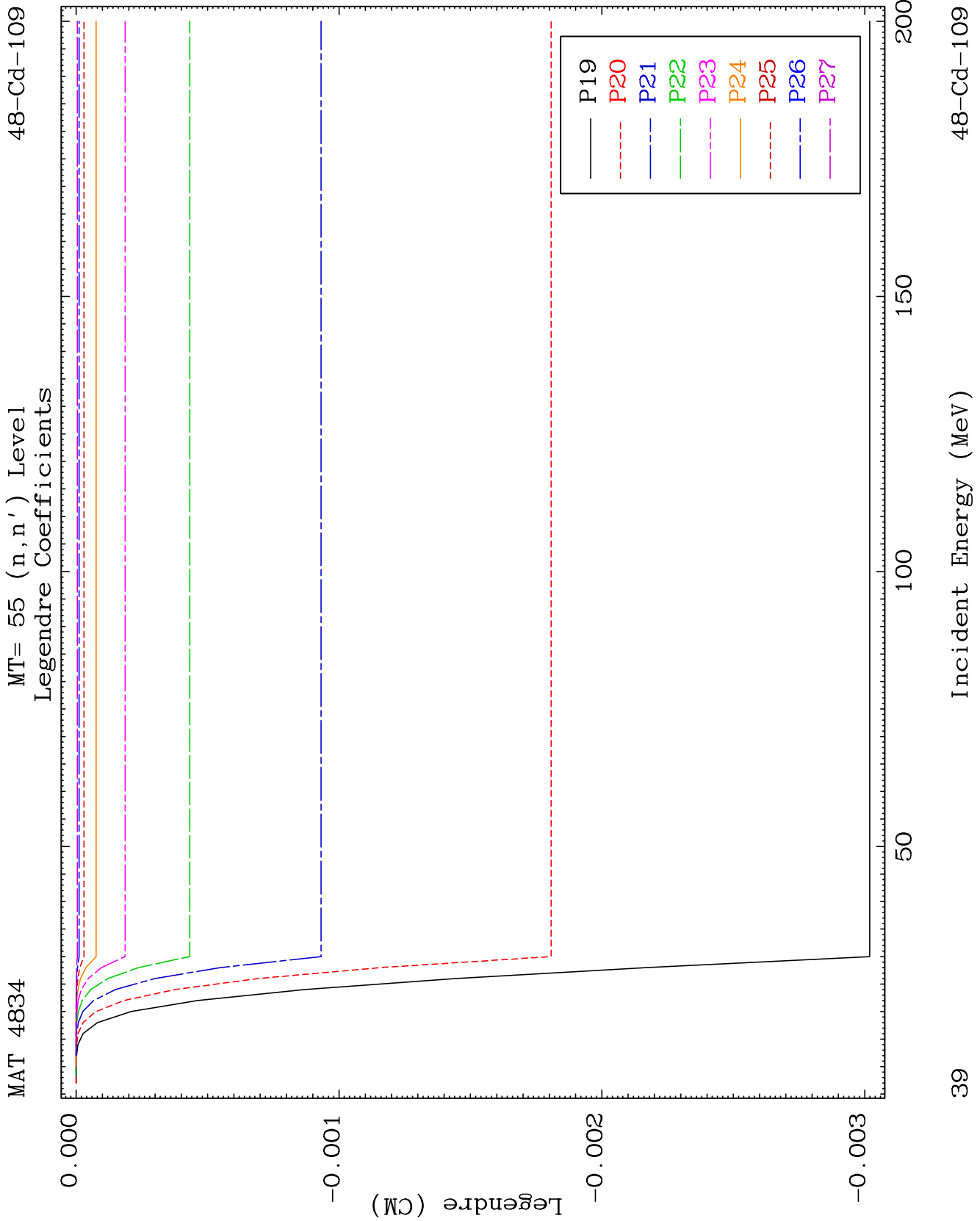
48-Cd-109



38

Incident Energy (MeV)

48-Cd-109



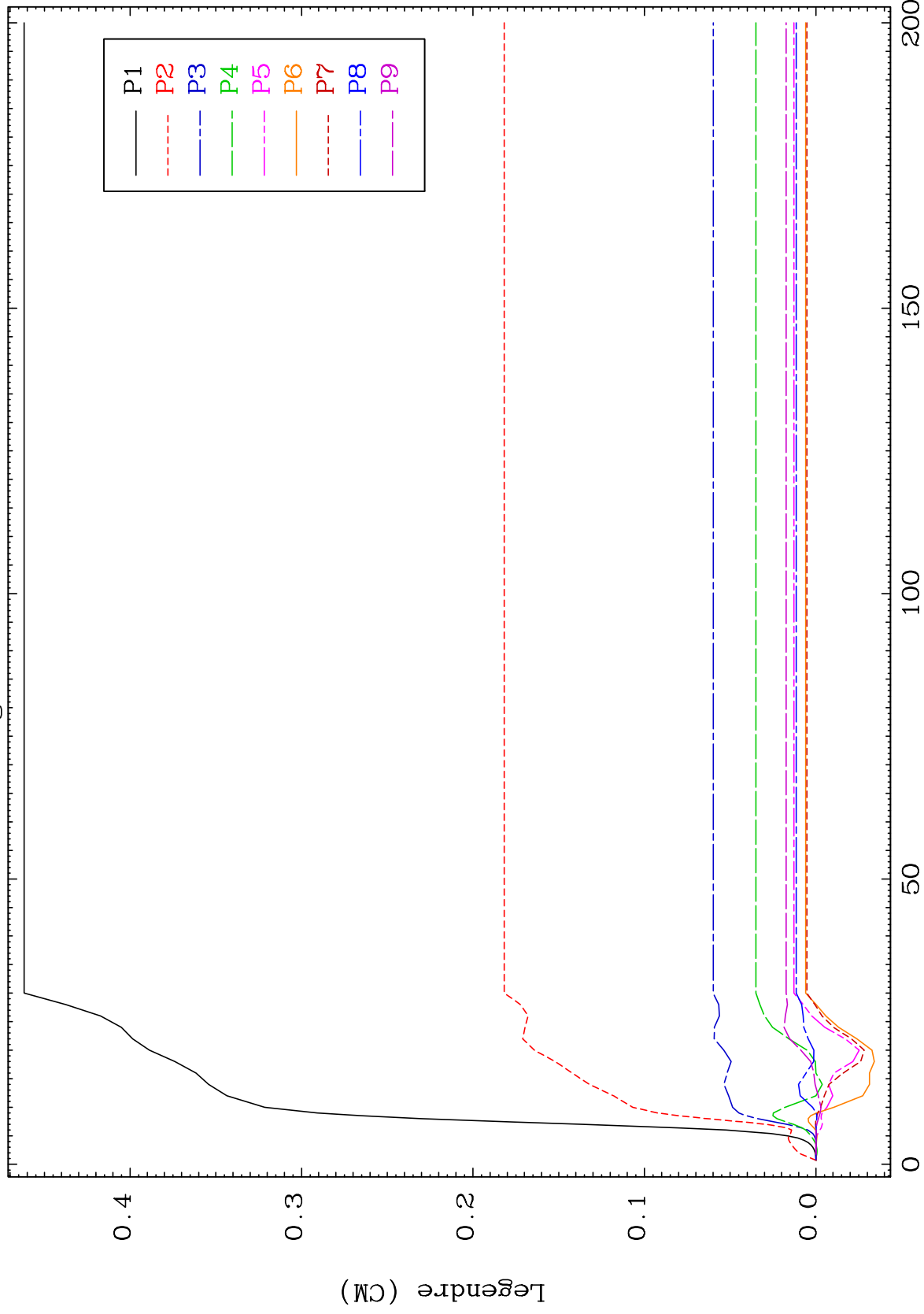


MAT 4834

MT= 56 (n,n') Level

48-Cd-109

Legendre Coefficients



41

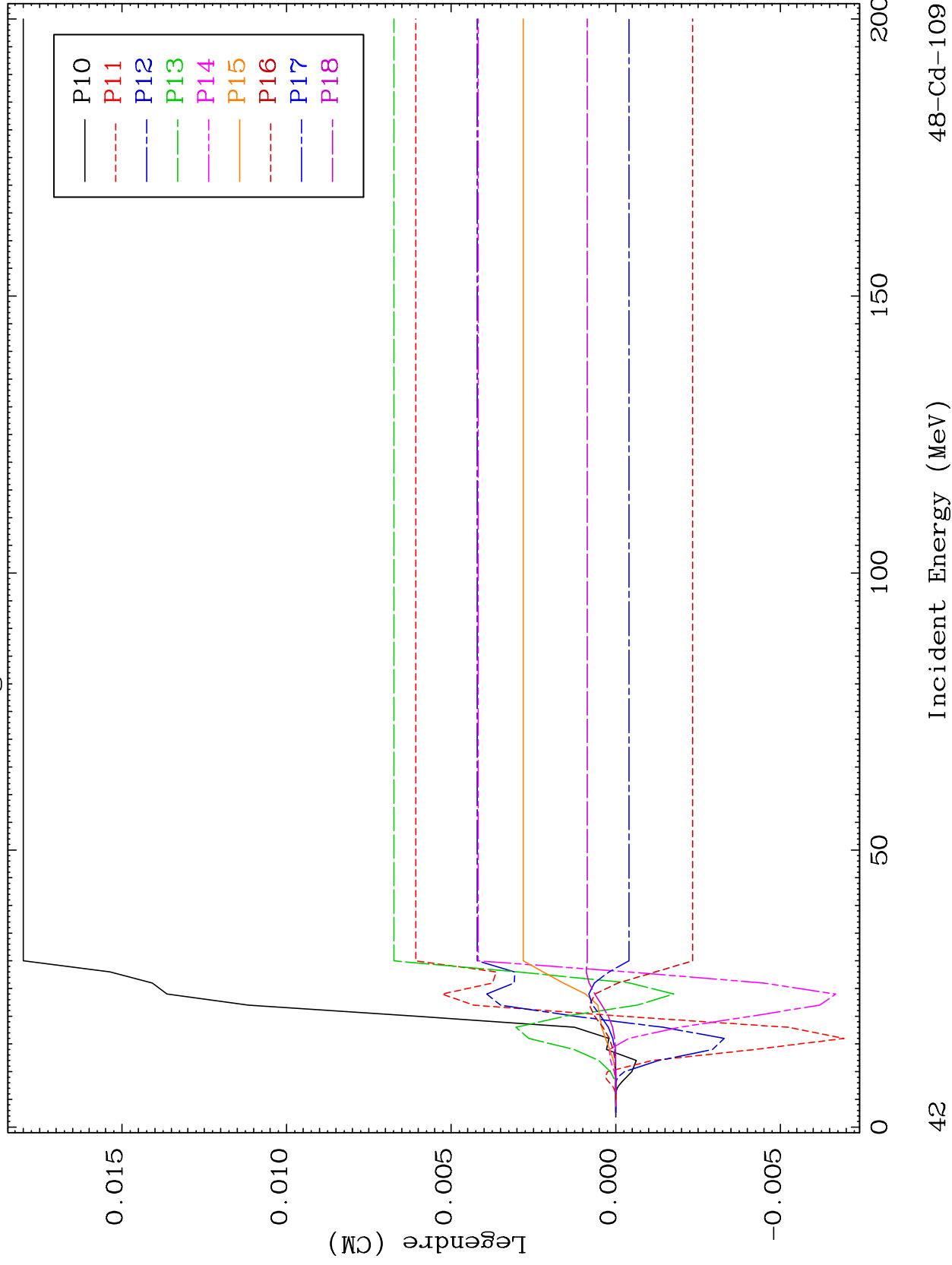
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



48-Cd-109

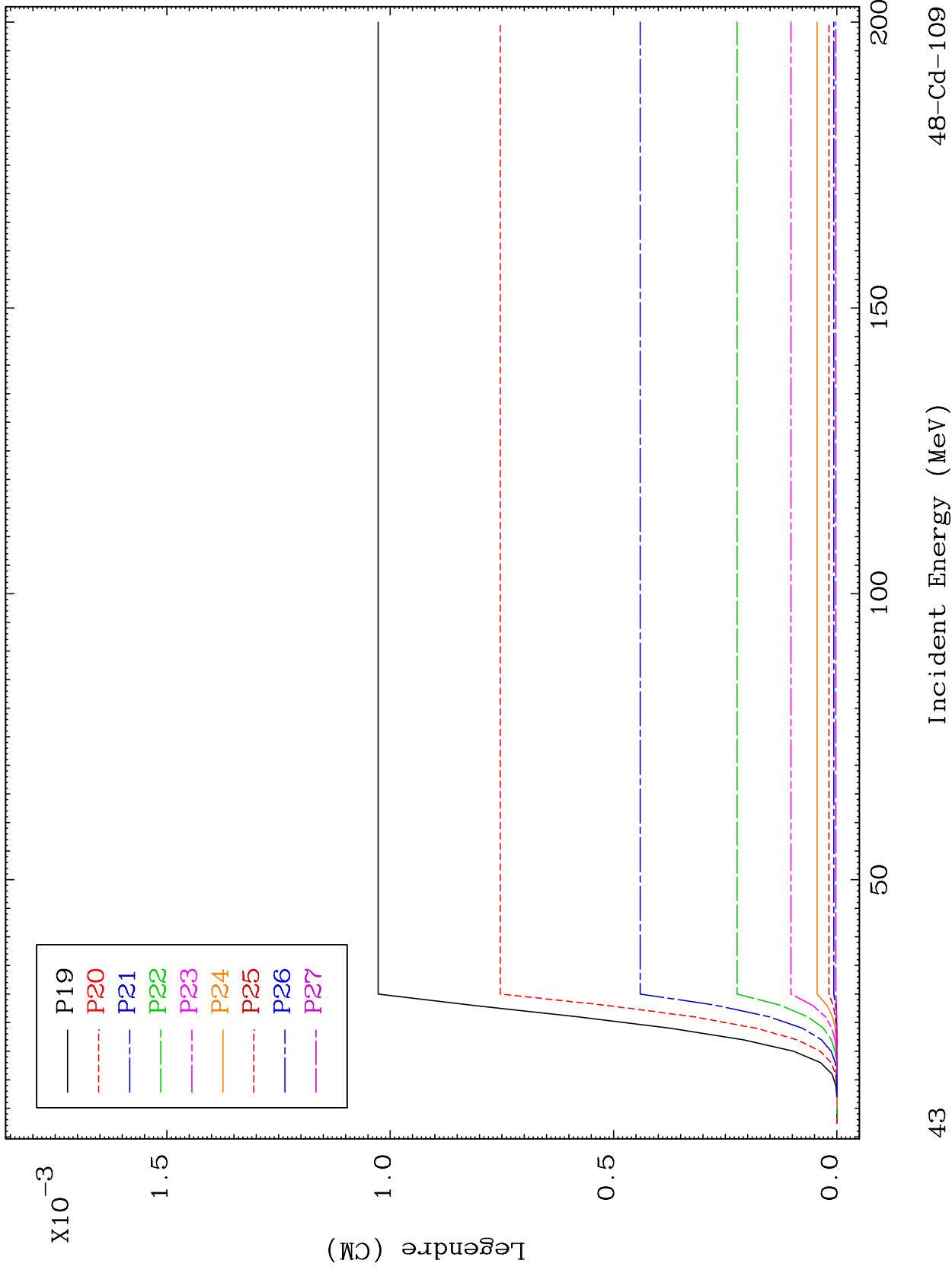
Incident Energy (MeV)

42

MAT 4834

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

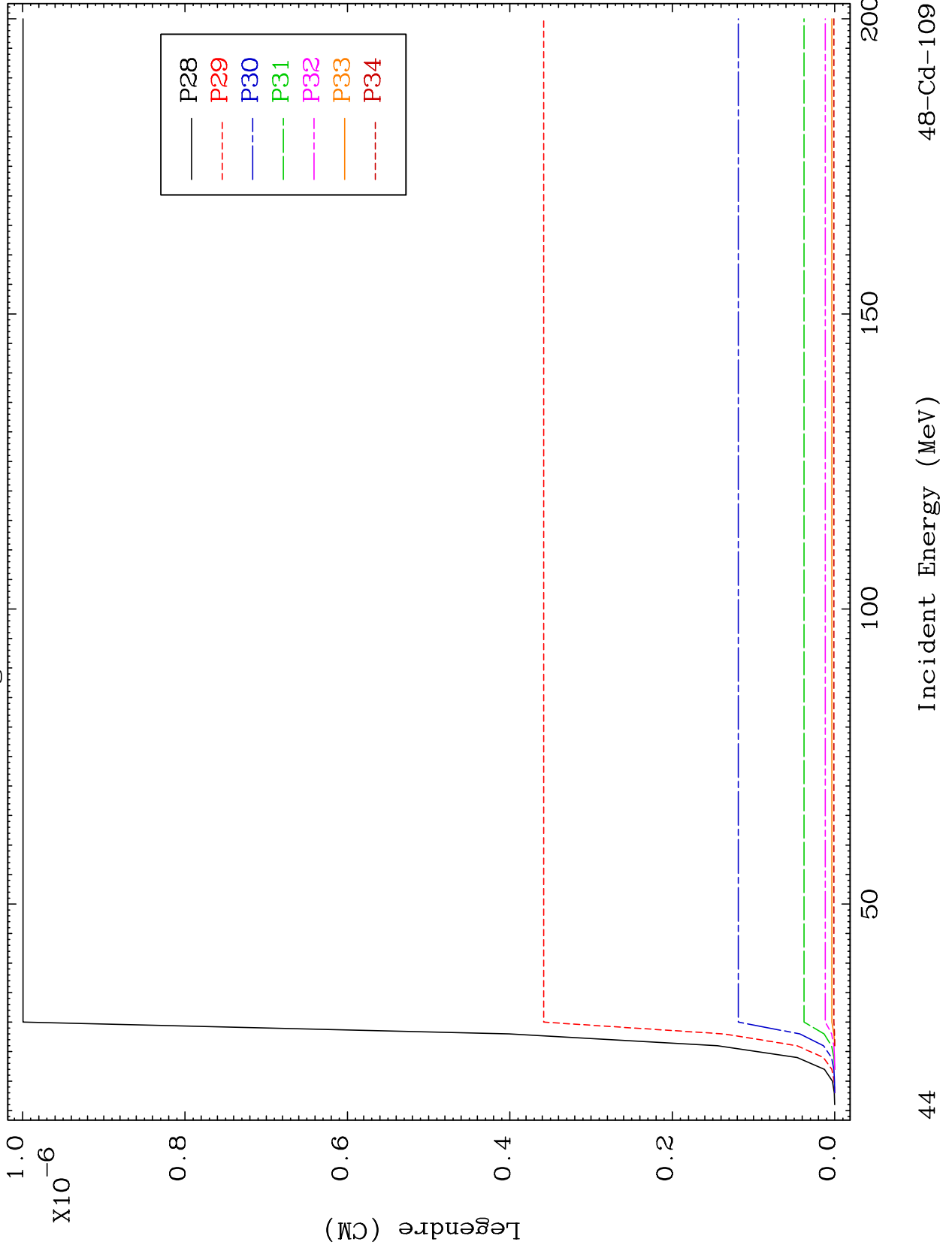
48-Cd-109



MAT 4834

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

48-Cd-109



44

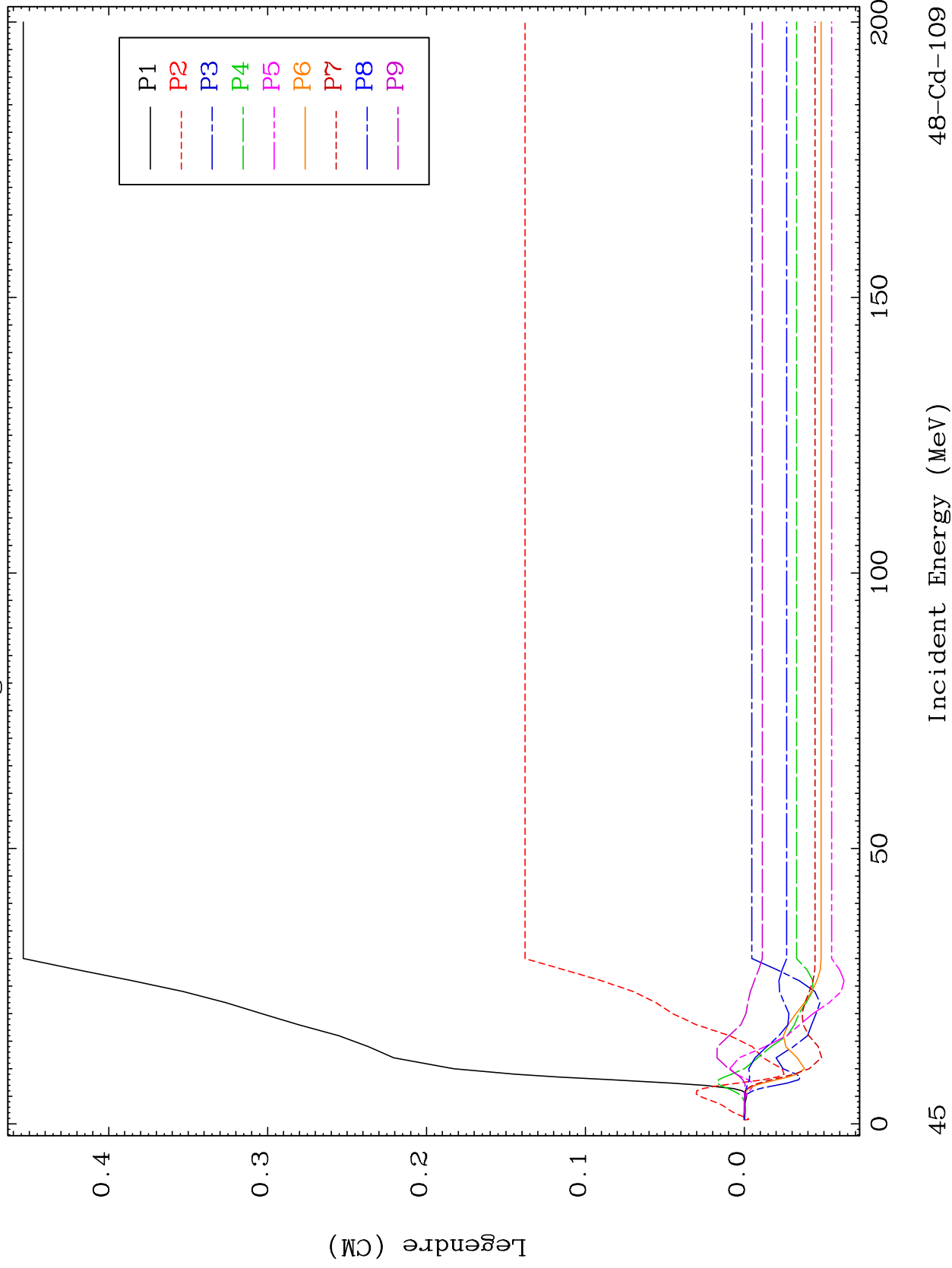
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



48-Cd-109

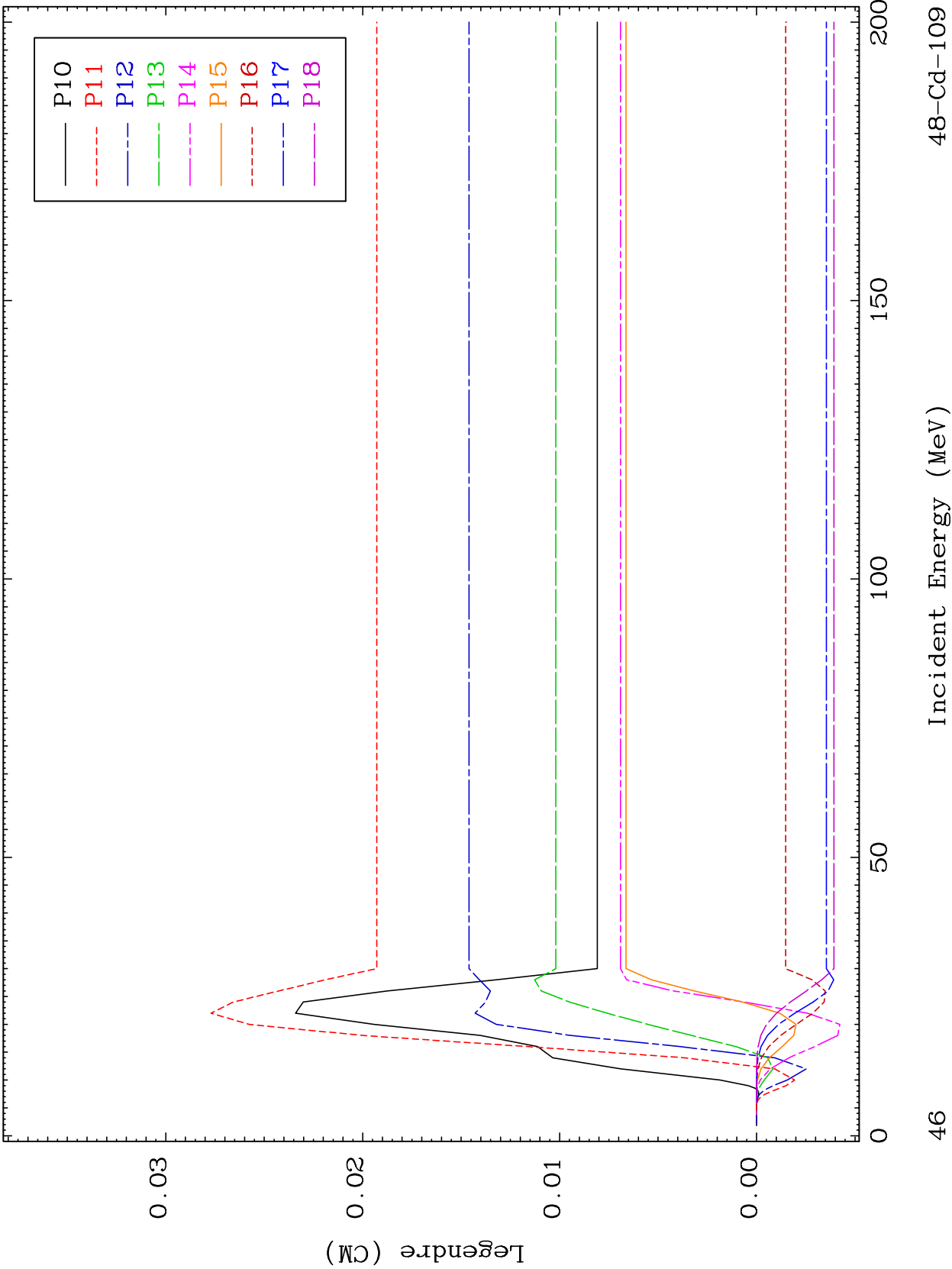
Incident Energy (MeV)

45

MAT 4834

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

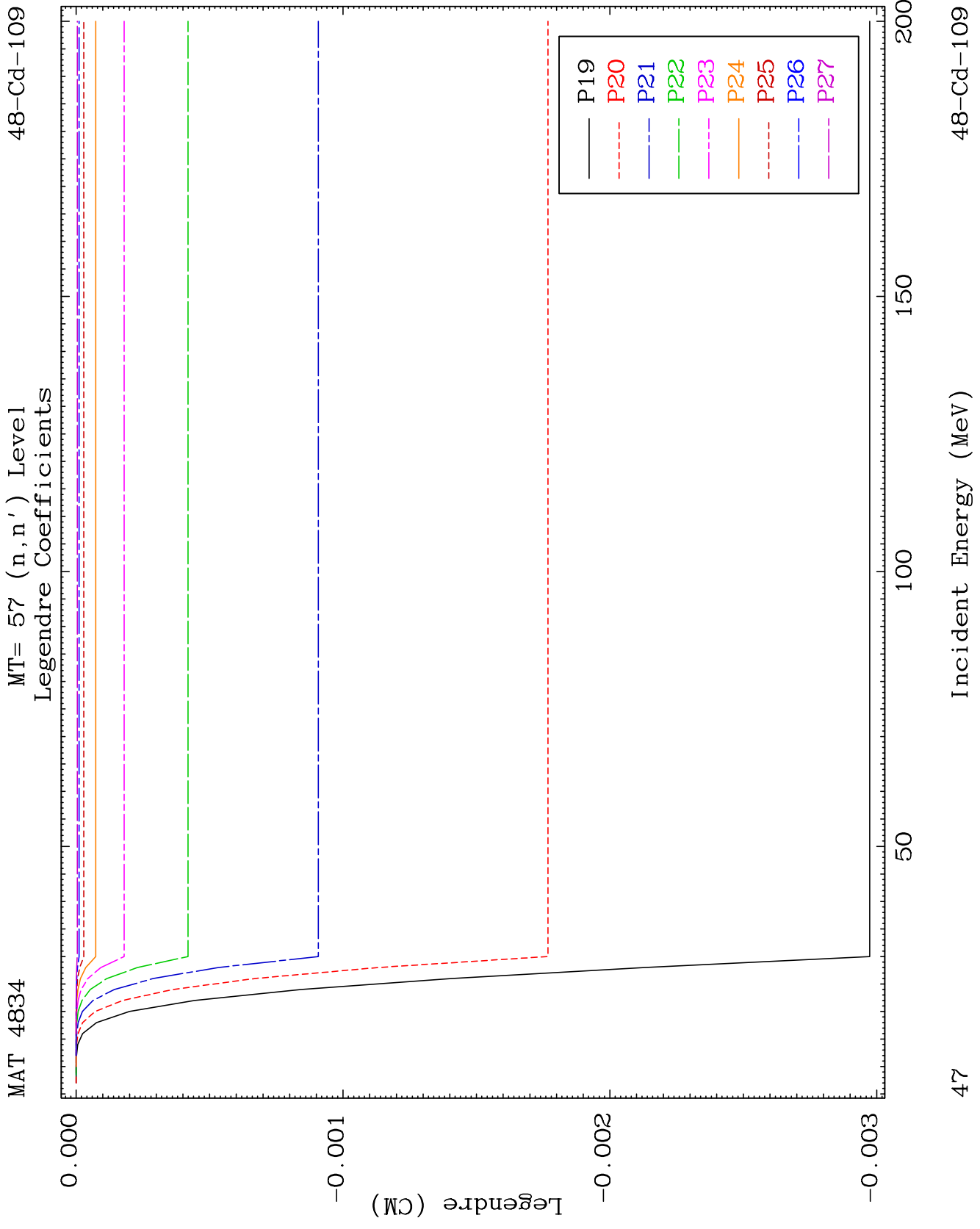
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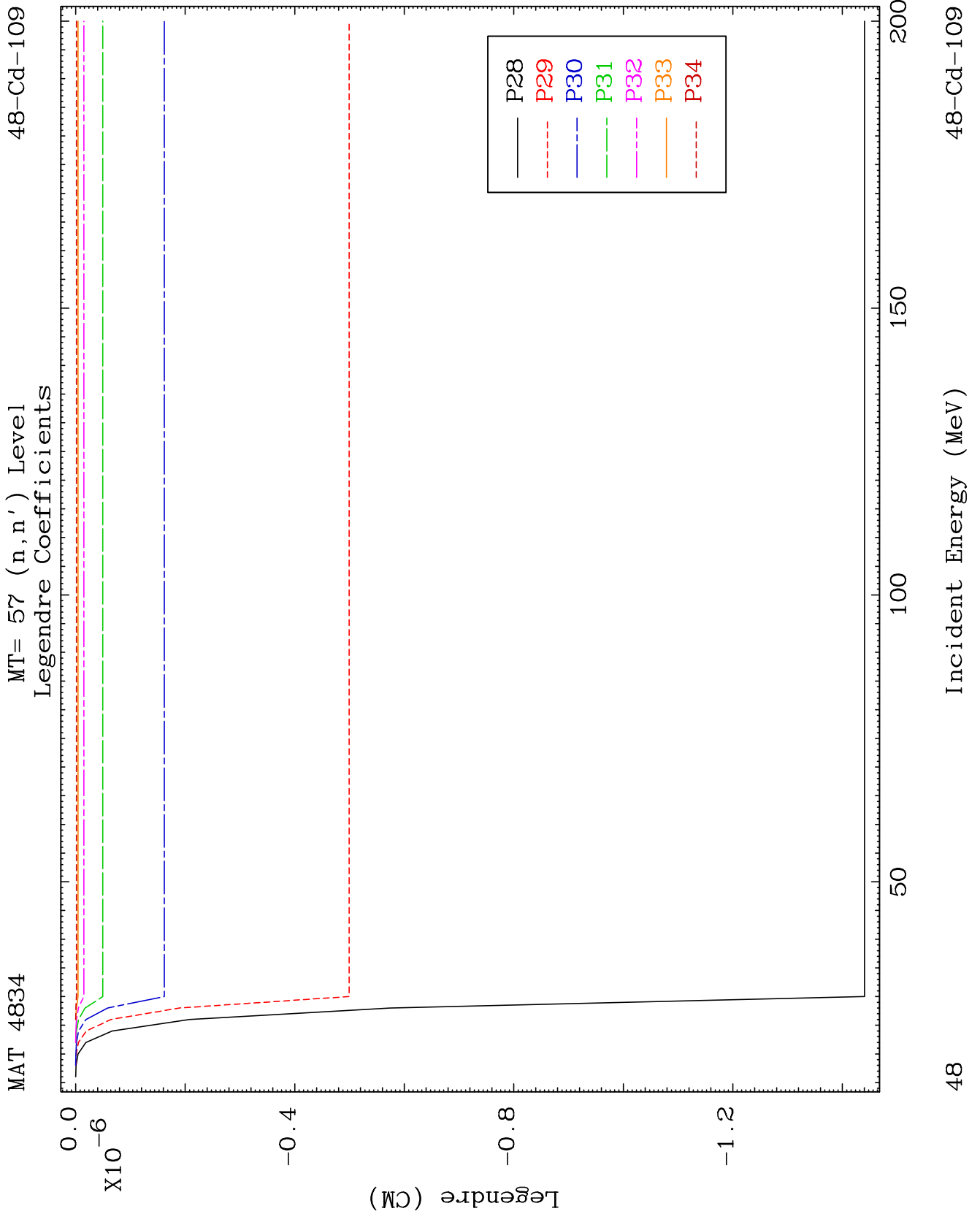


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Incident Energy (MeV)

48-Cd-109



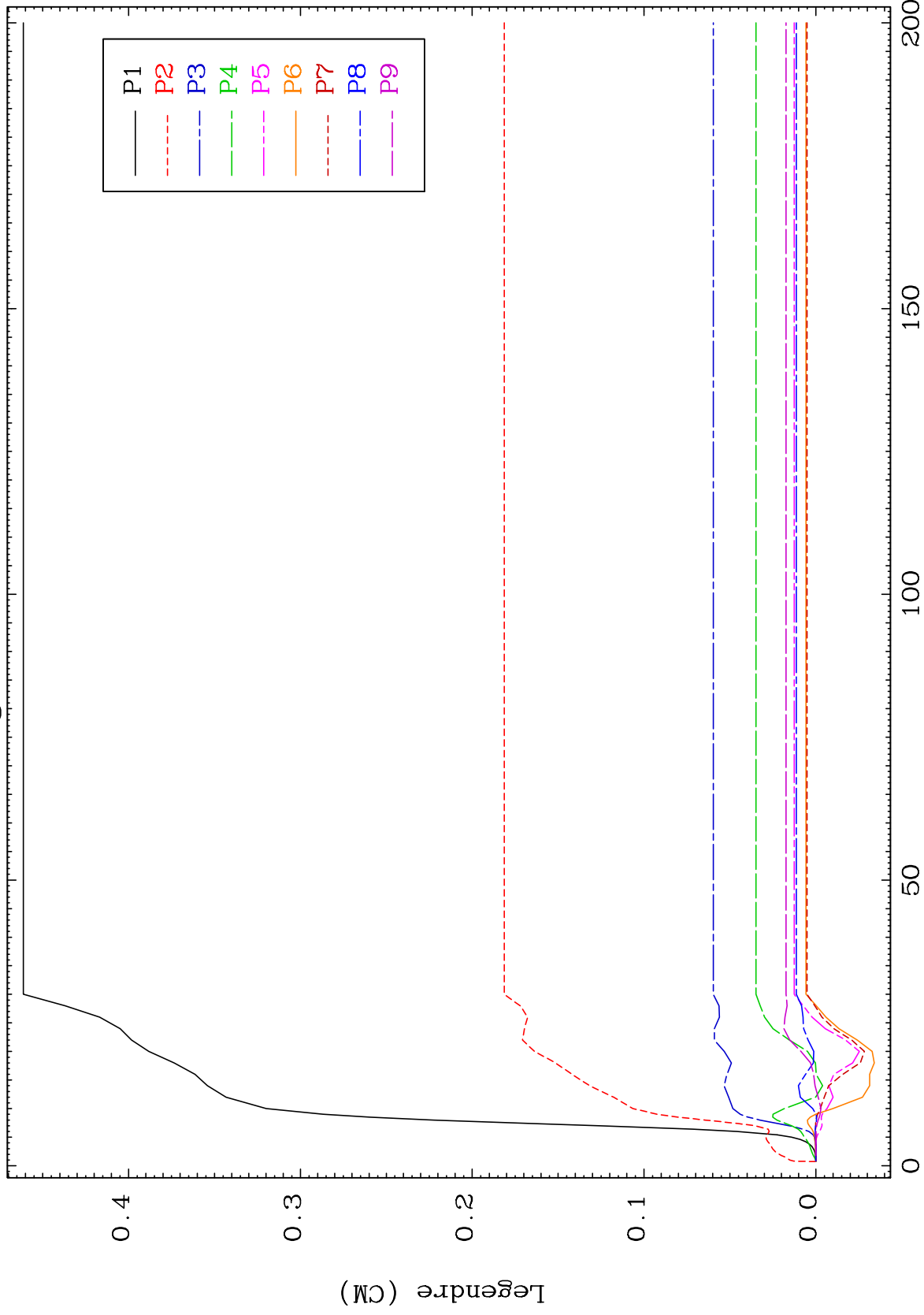


MAT 4834

MT= 58 (n,n') Level

48-Cd-109

Legendre Coefficients



49

Incident Energy (MeV)

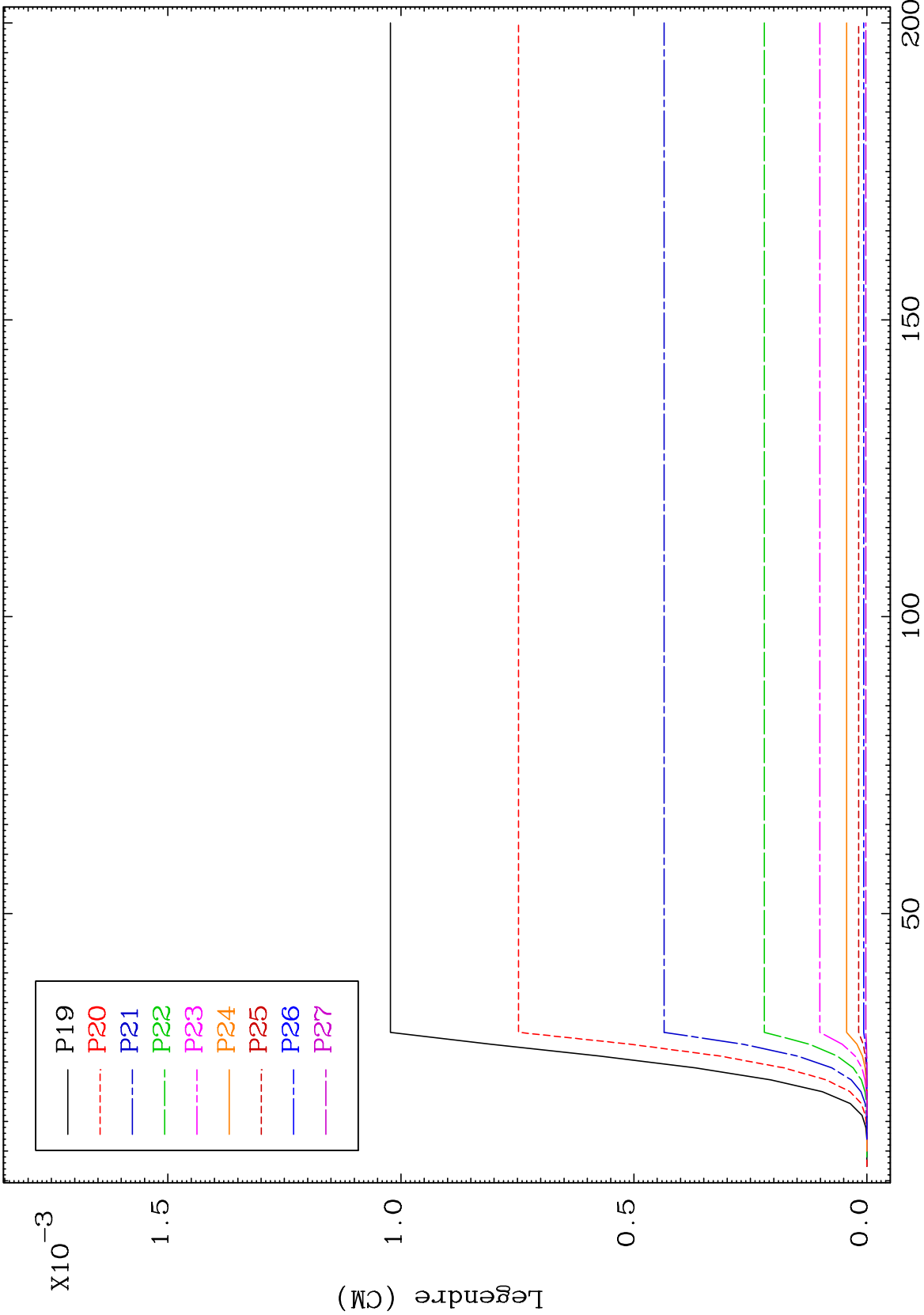
48-Cd-109



MAT 4834

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

48-Cd-109



51

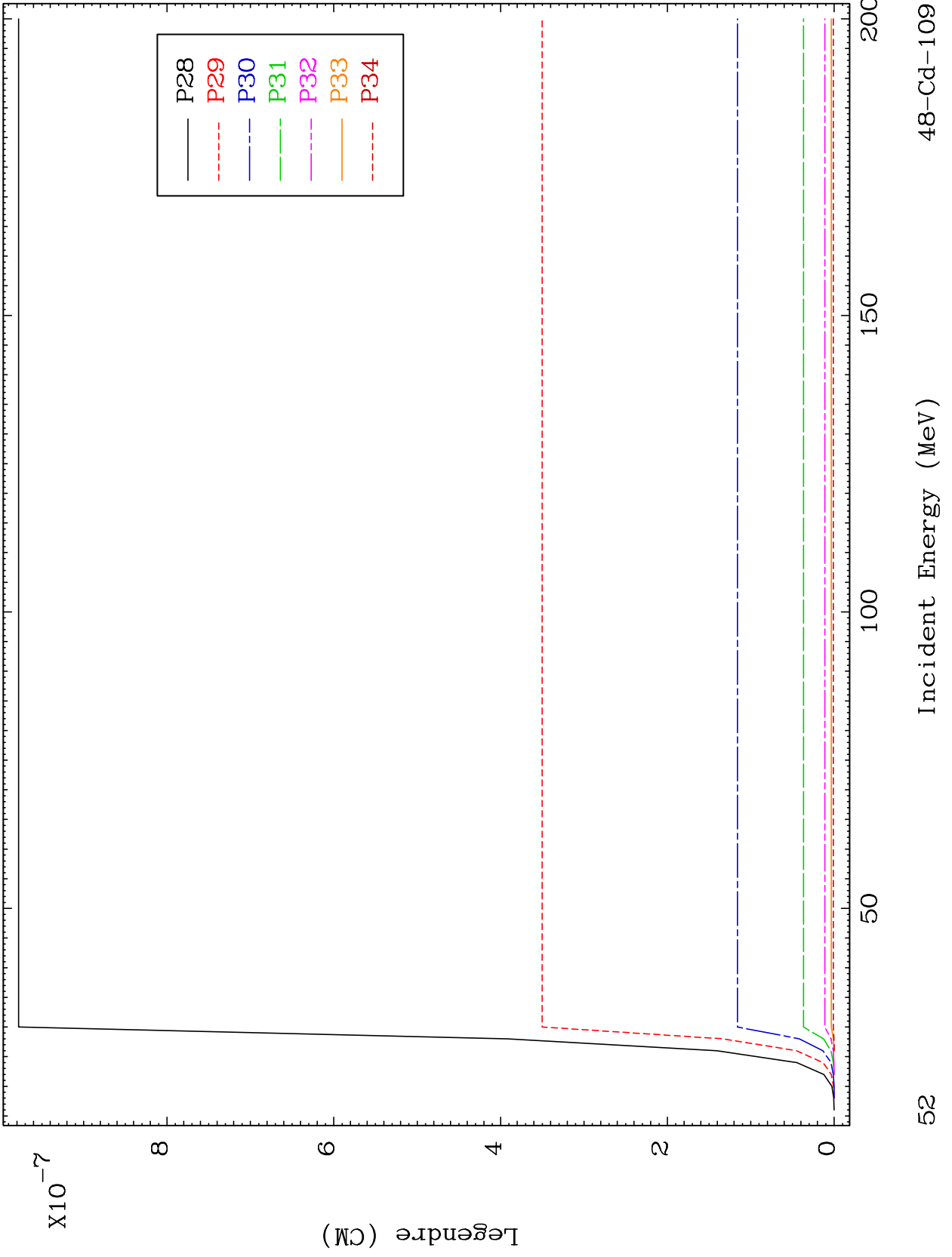
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



52

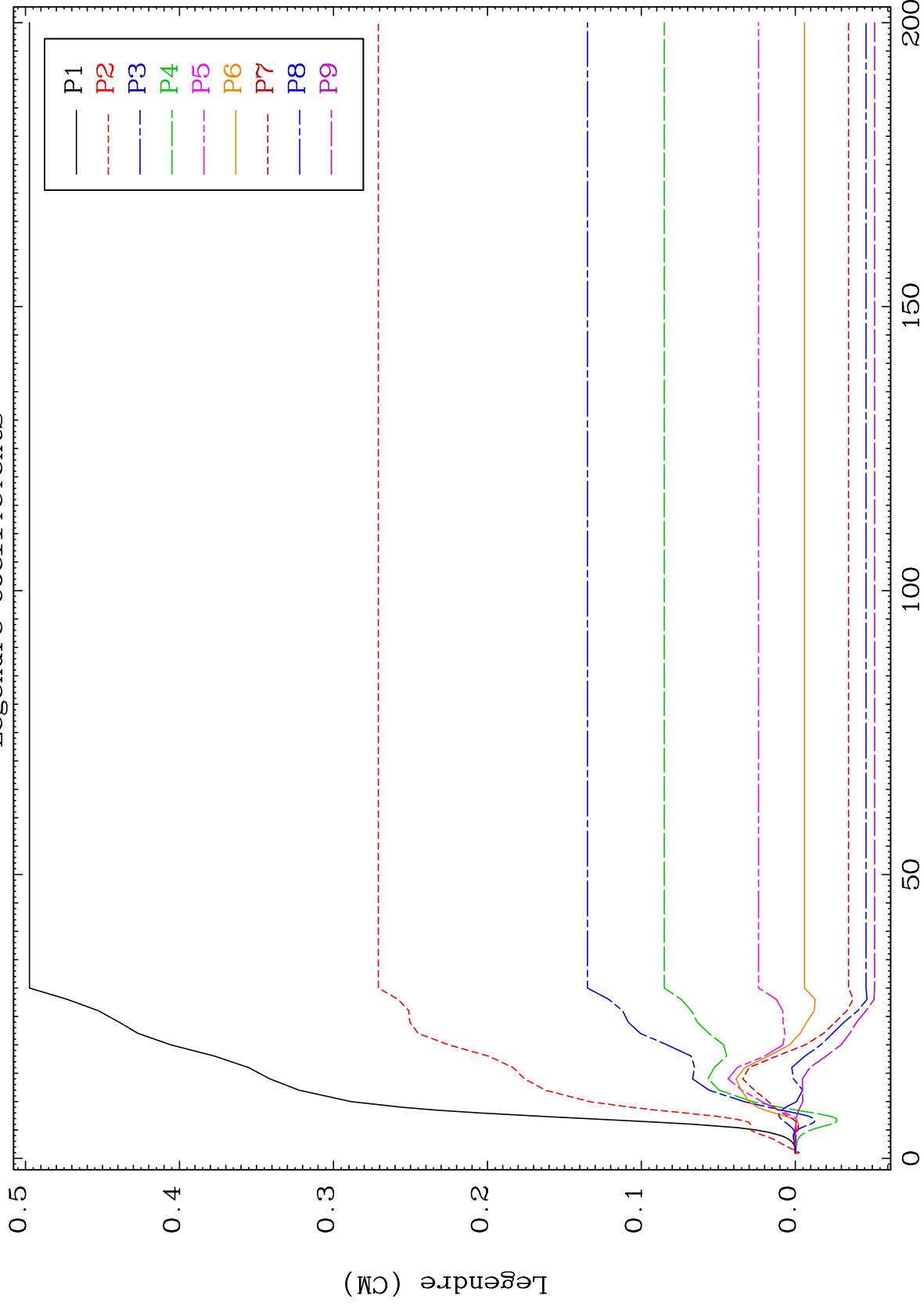
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



53

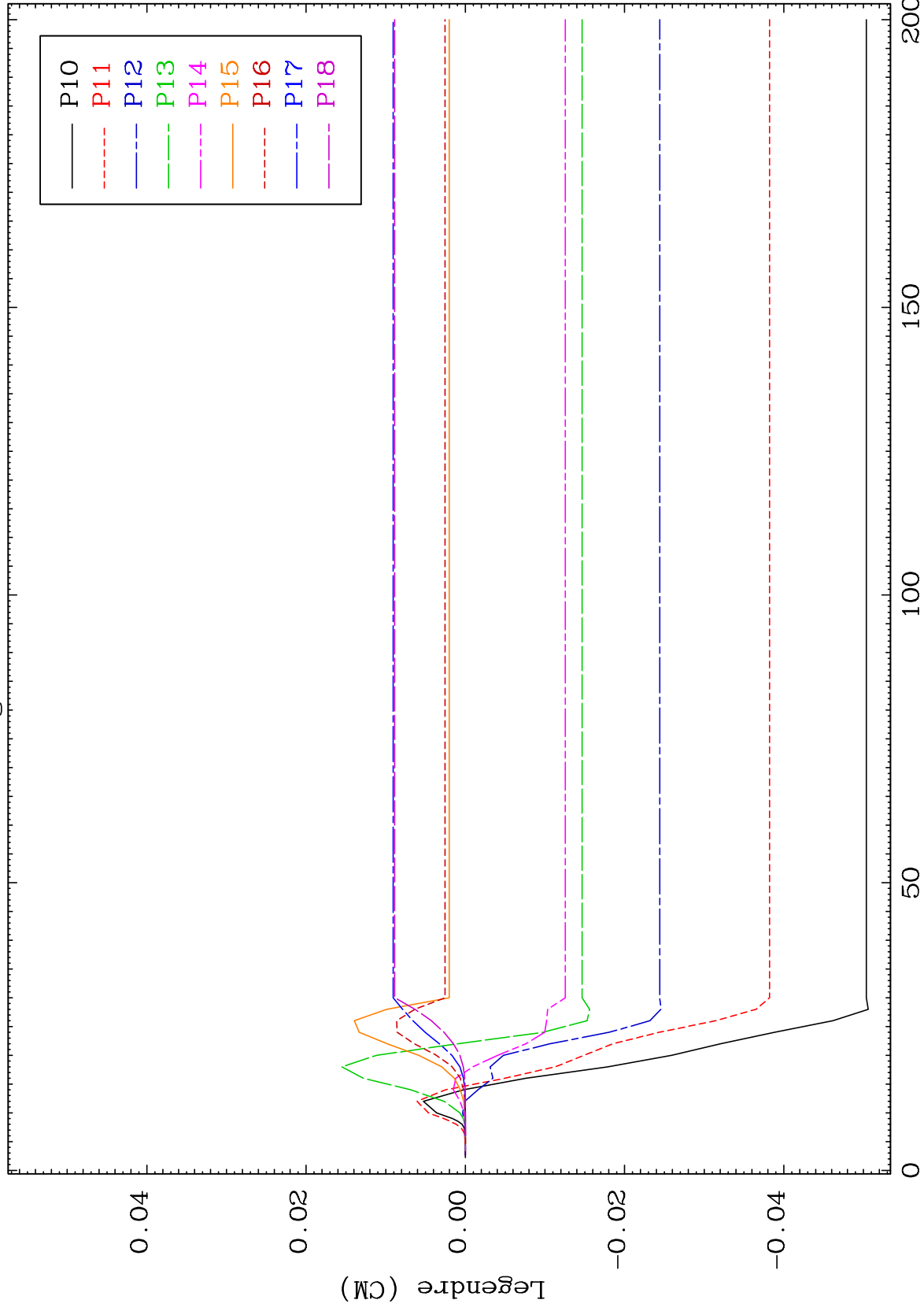
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



54

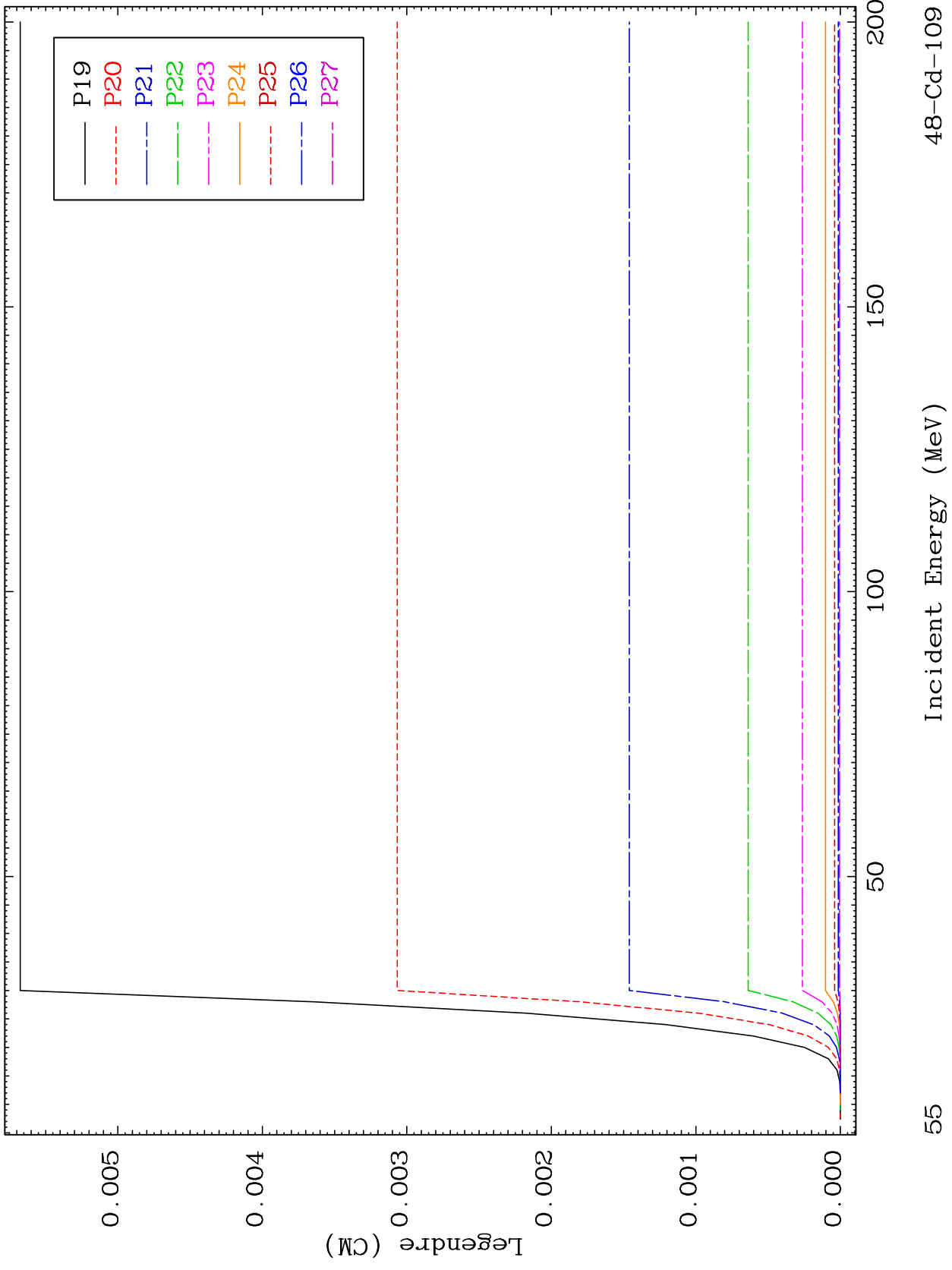
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



55

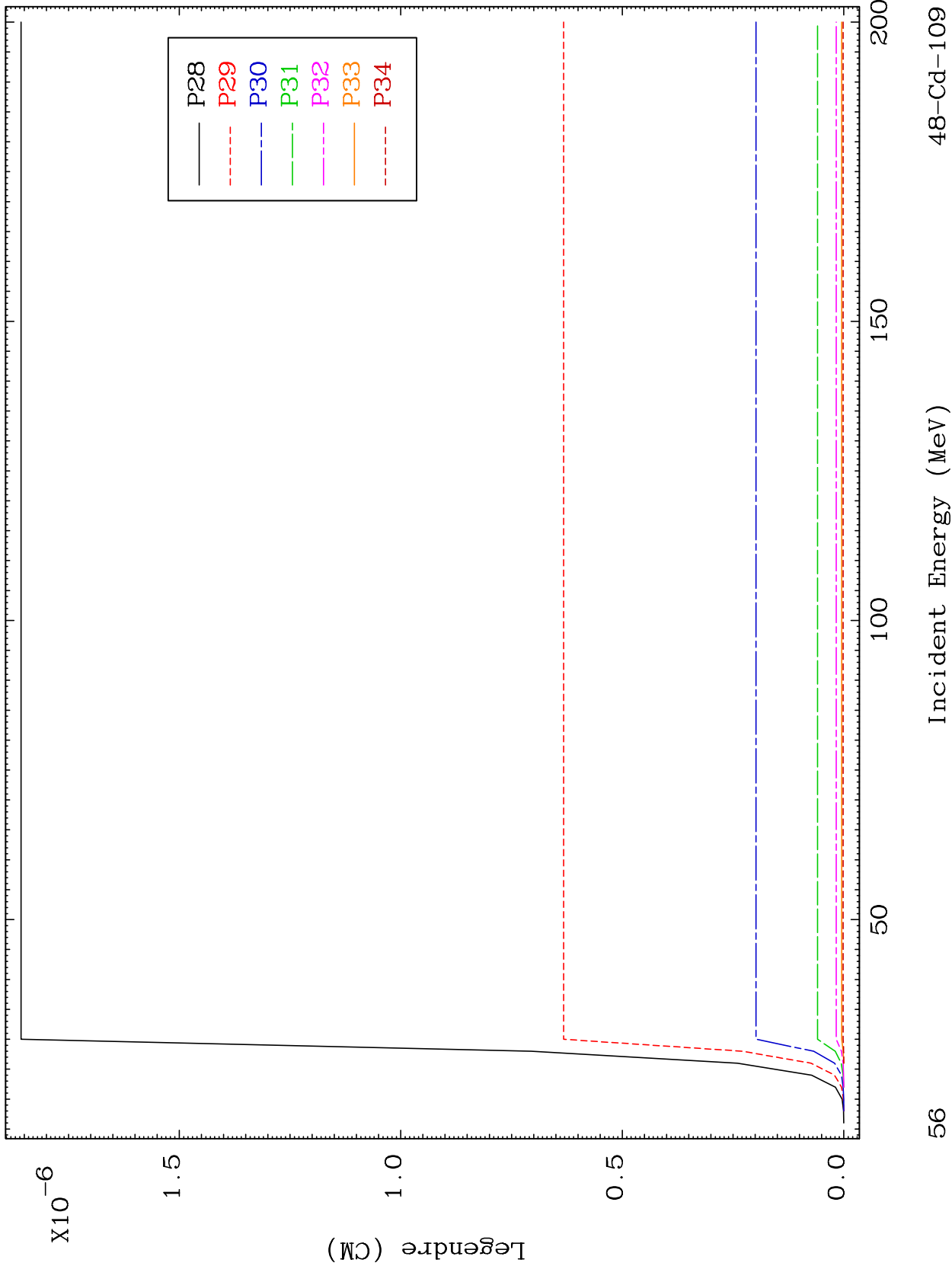
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

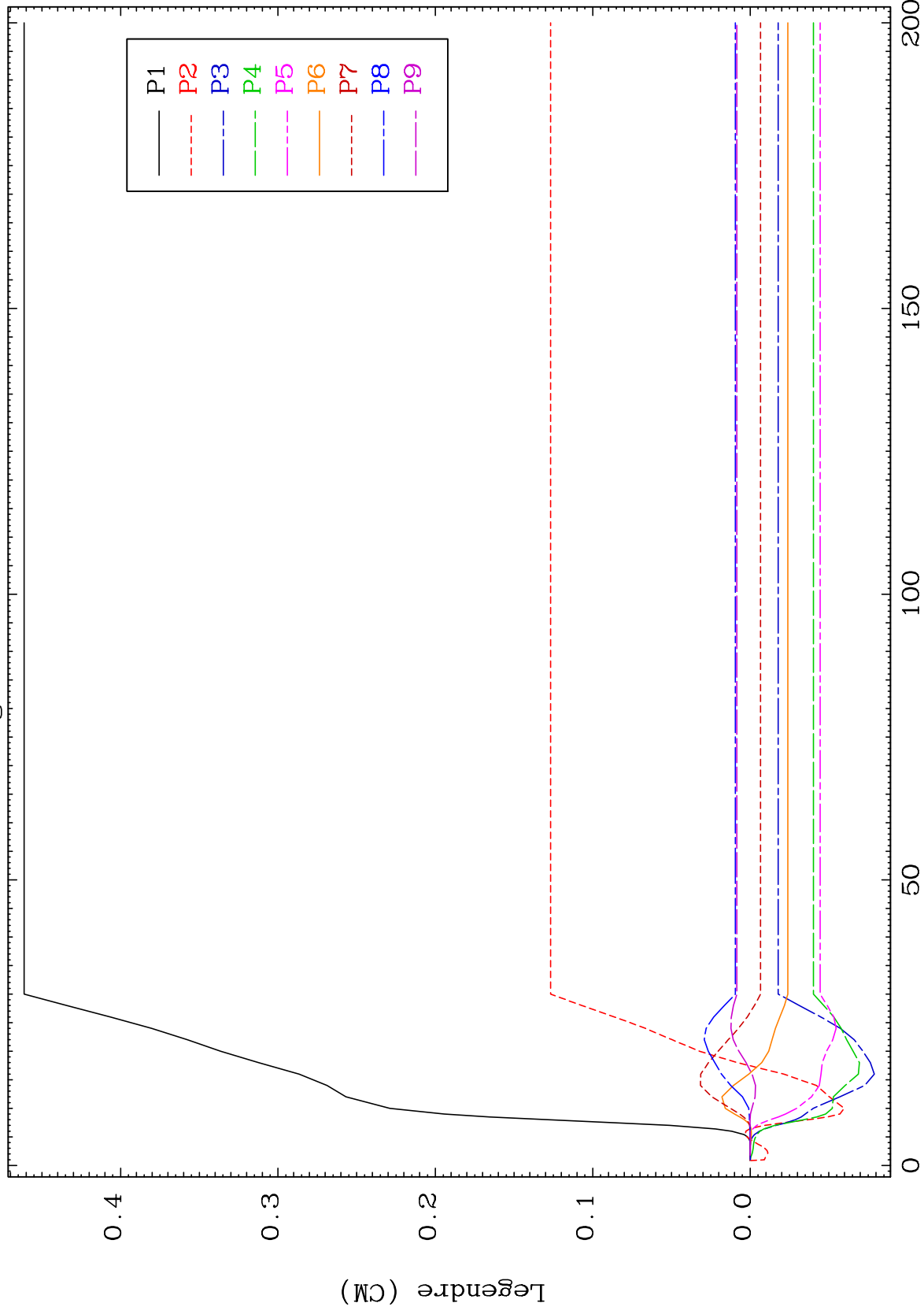
48-Cd-109



MAT 4834

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

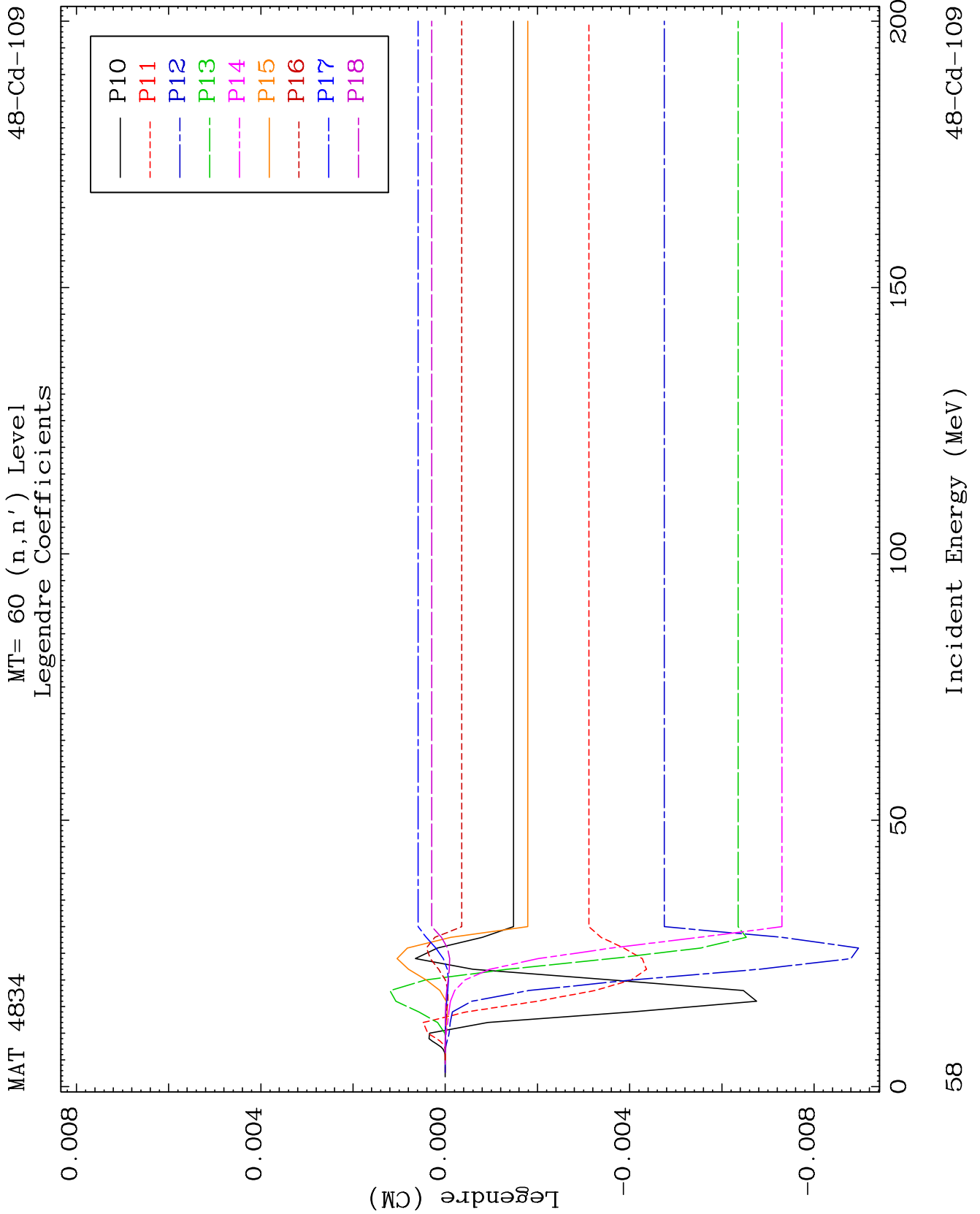
48-Cd-109



57

Incident Energy (MeV)

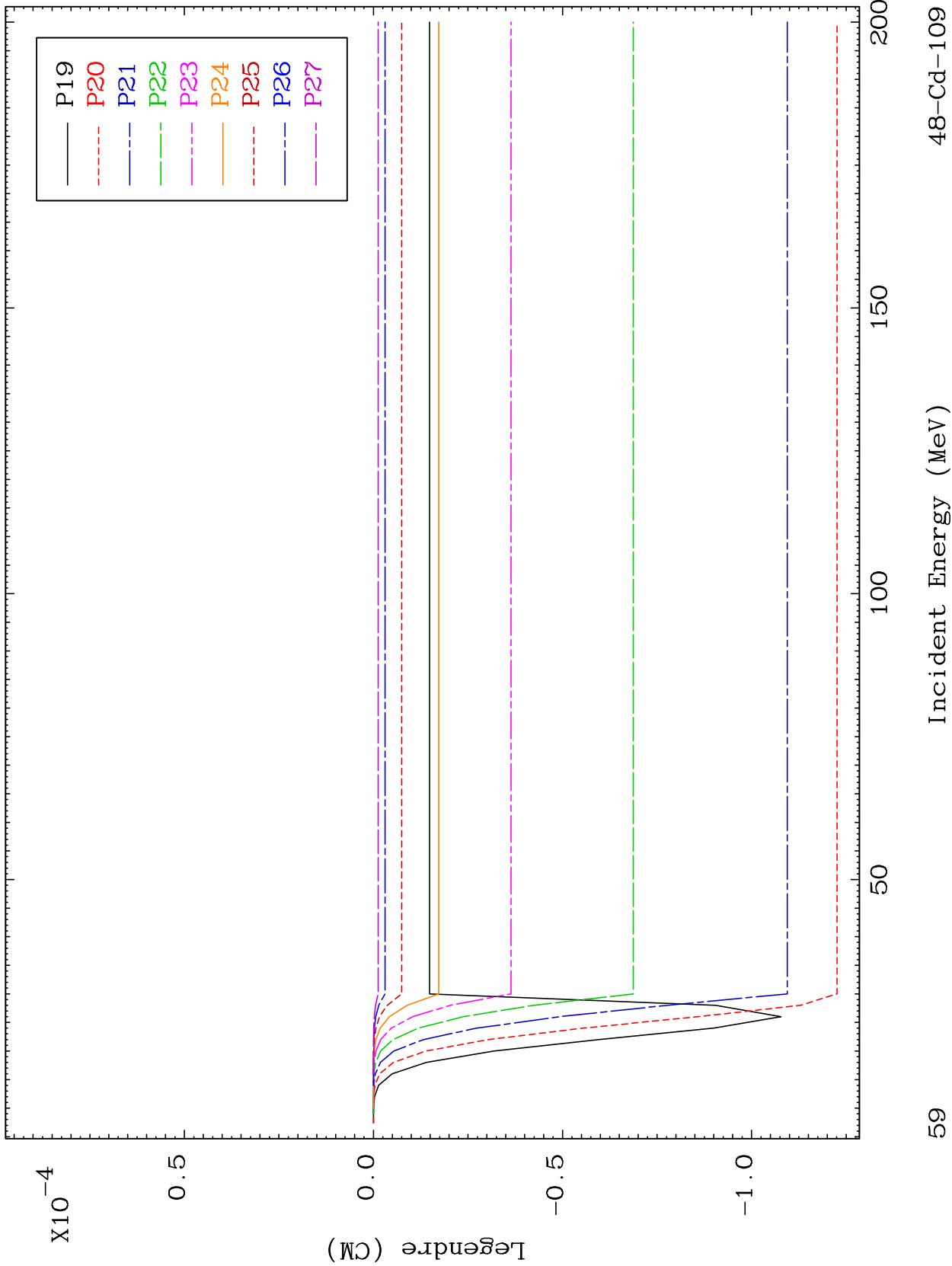
48-Cd-109



MAT 4834

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

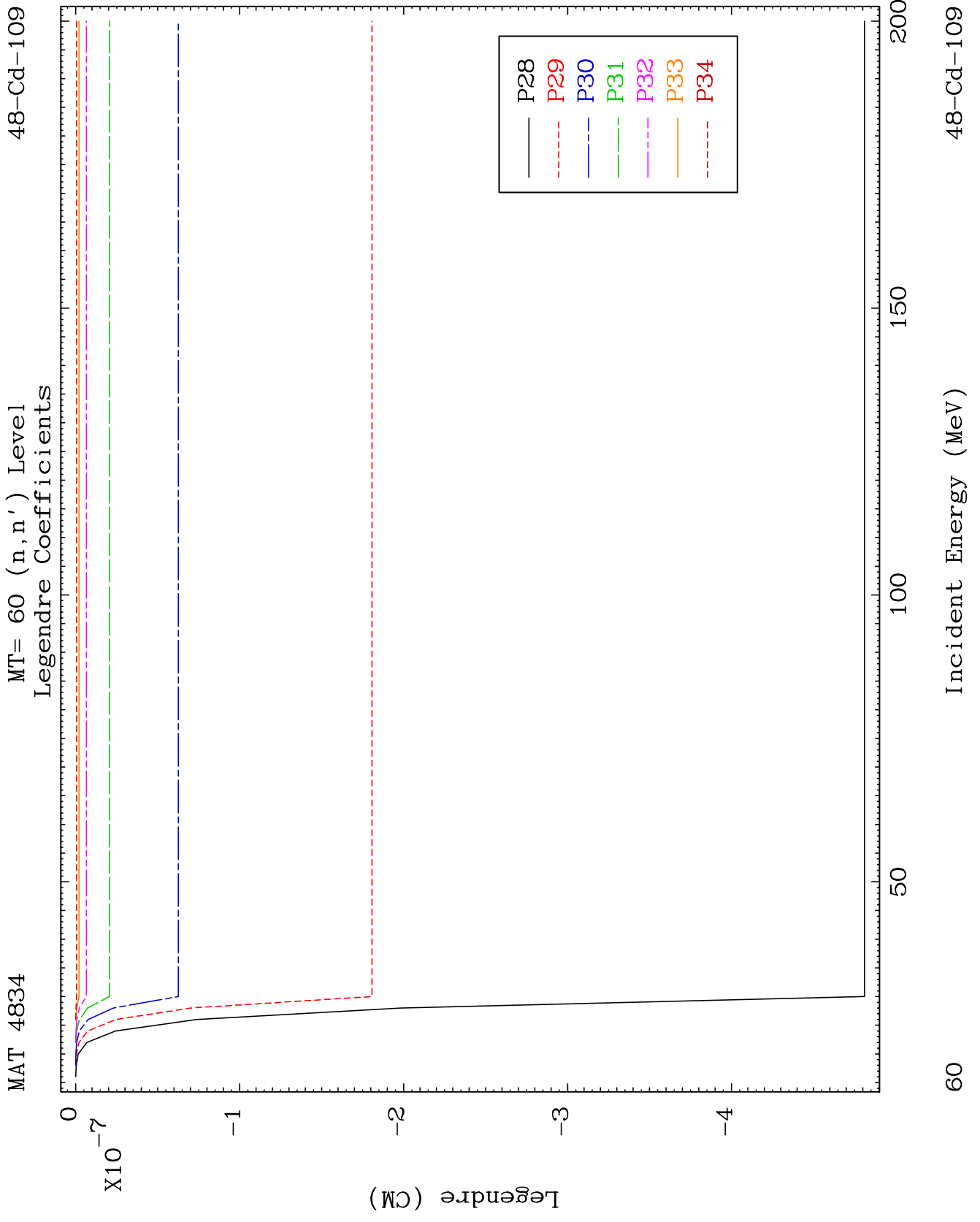
48-Cd-109



59

Incident Energy (MeV)

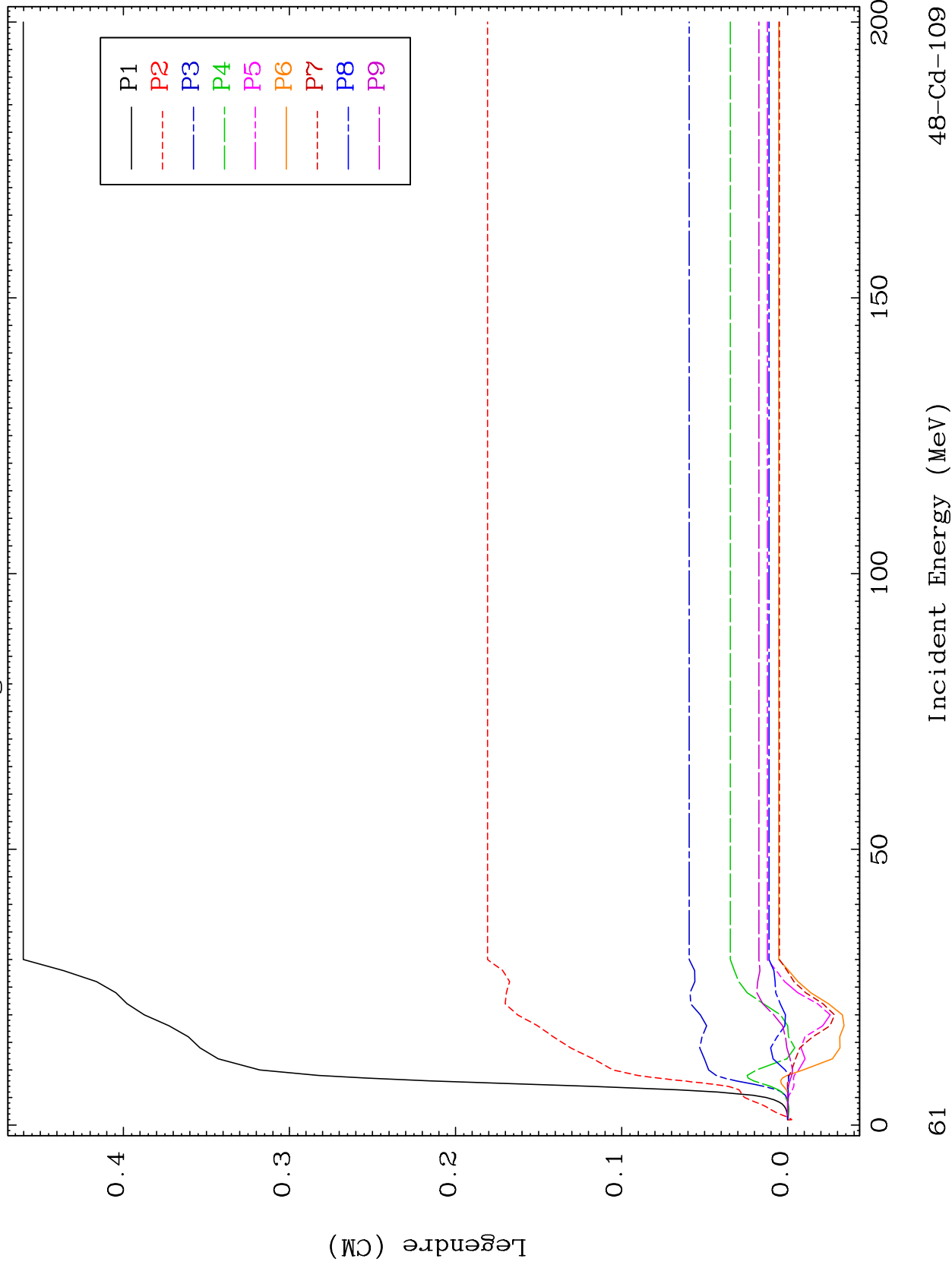
48-Cd-109



MAT 4834

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

48-Cd-109



48-Cd-109

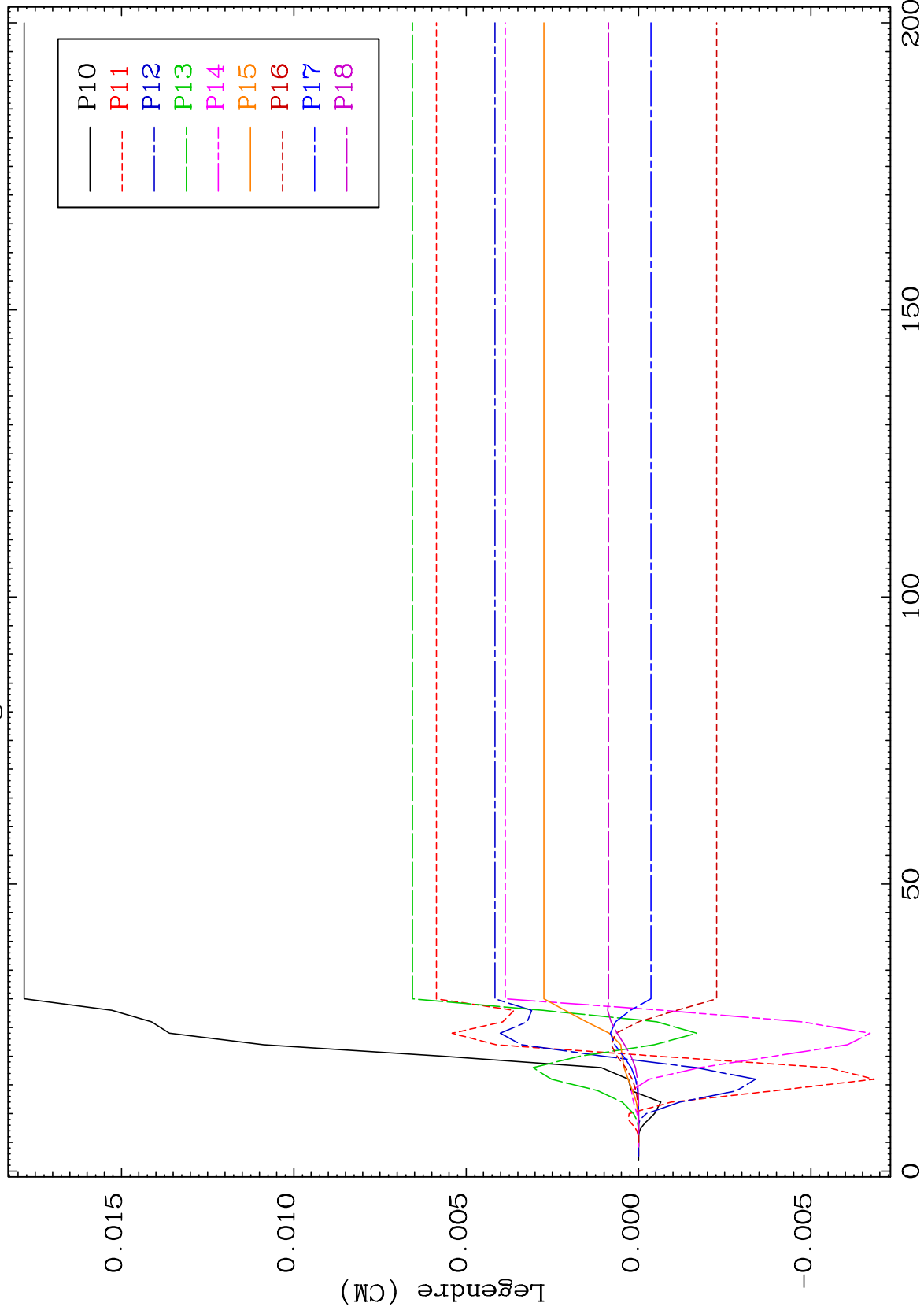
Incident Energy (MeV)

61

MAT 4834

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

48-Cd-109



62

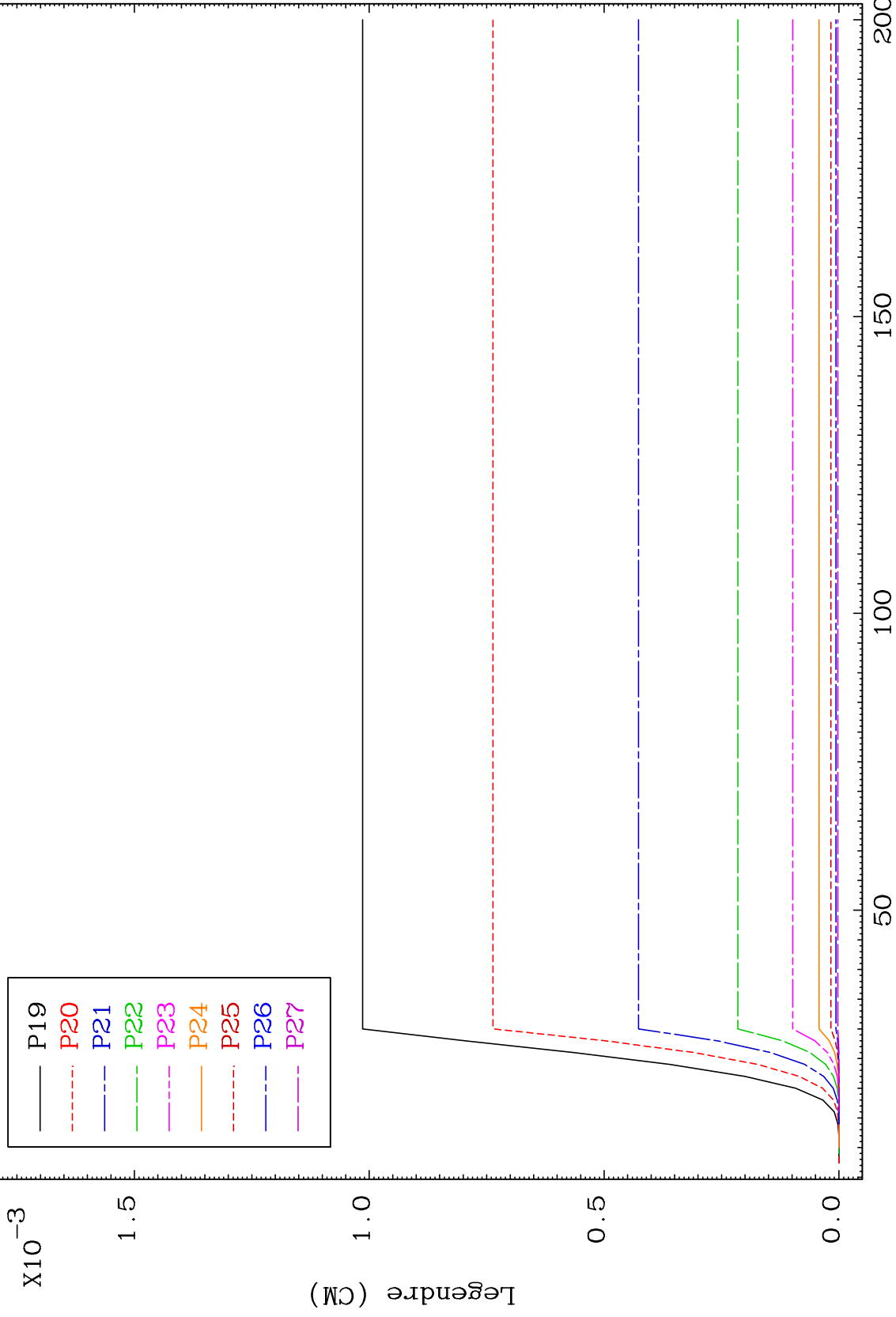
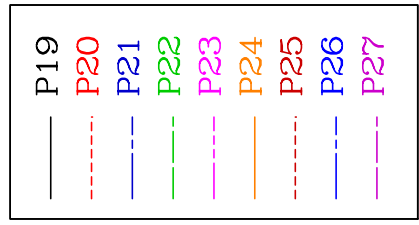
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



63

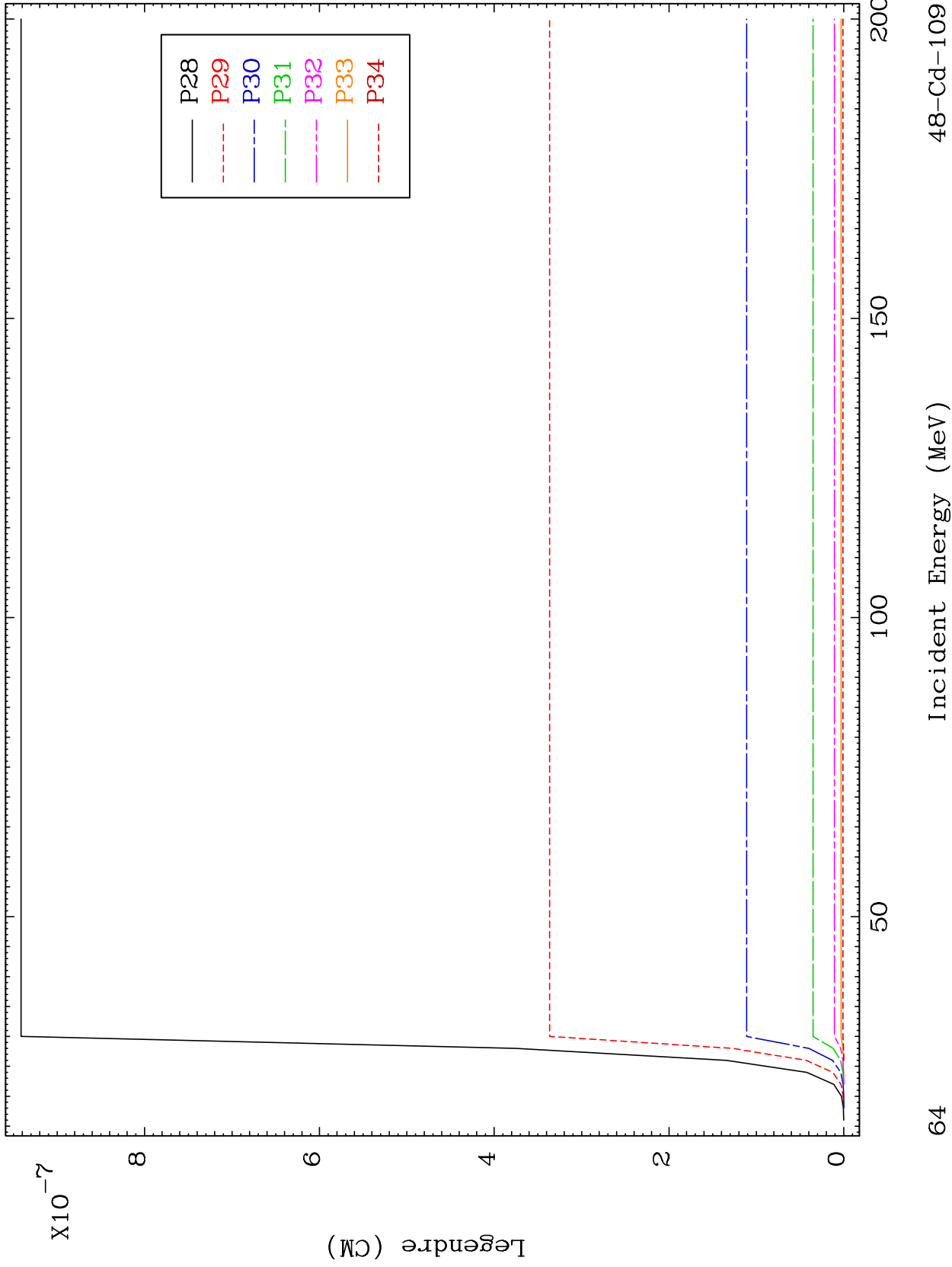
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

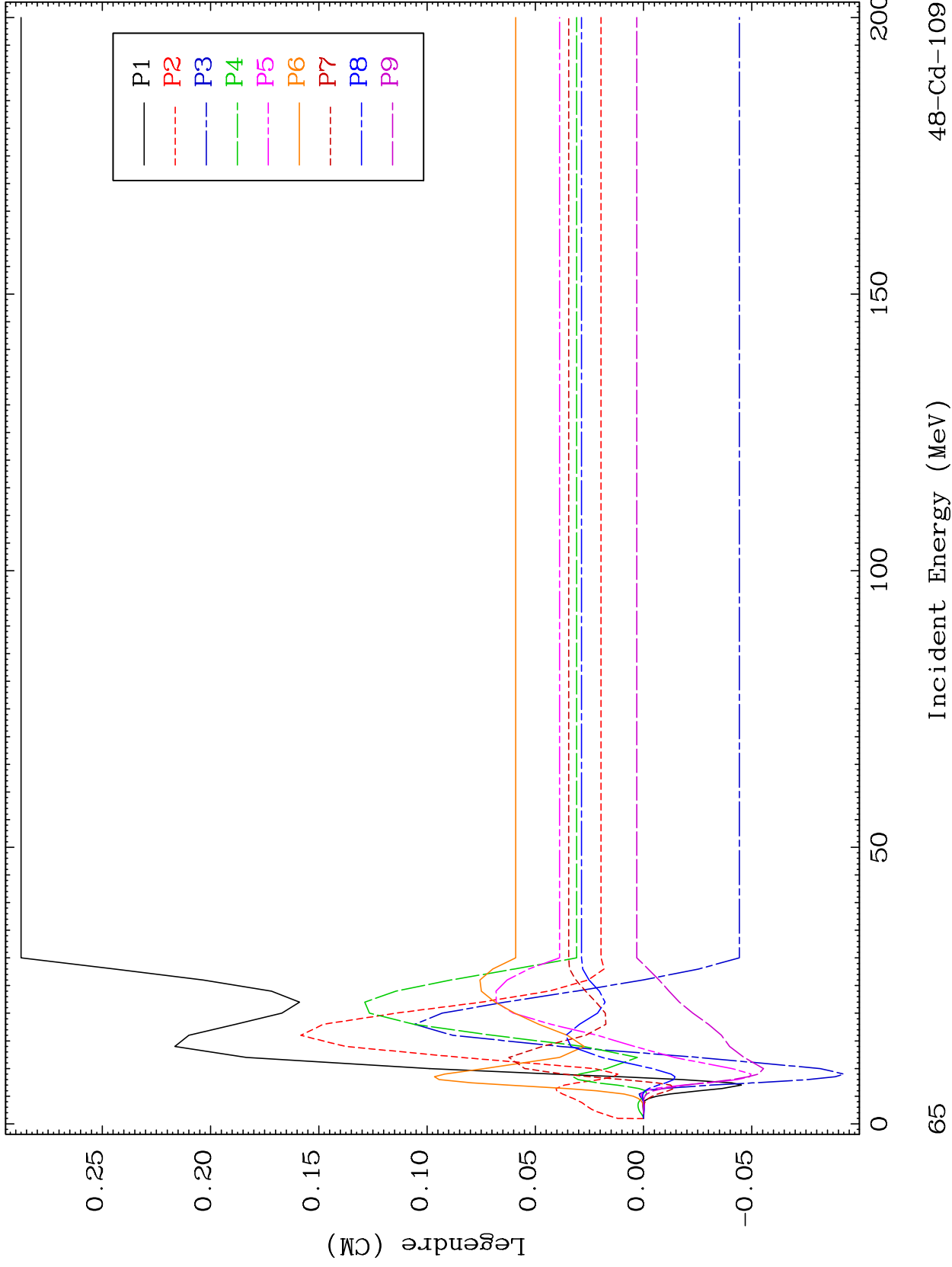
48-Cd-109



MAT 4834

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

48-Cd-109



48-Cd-109

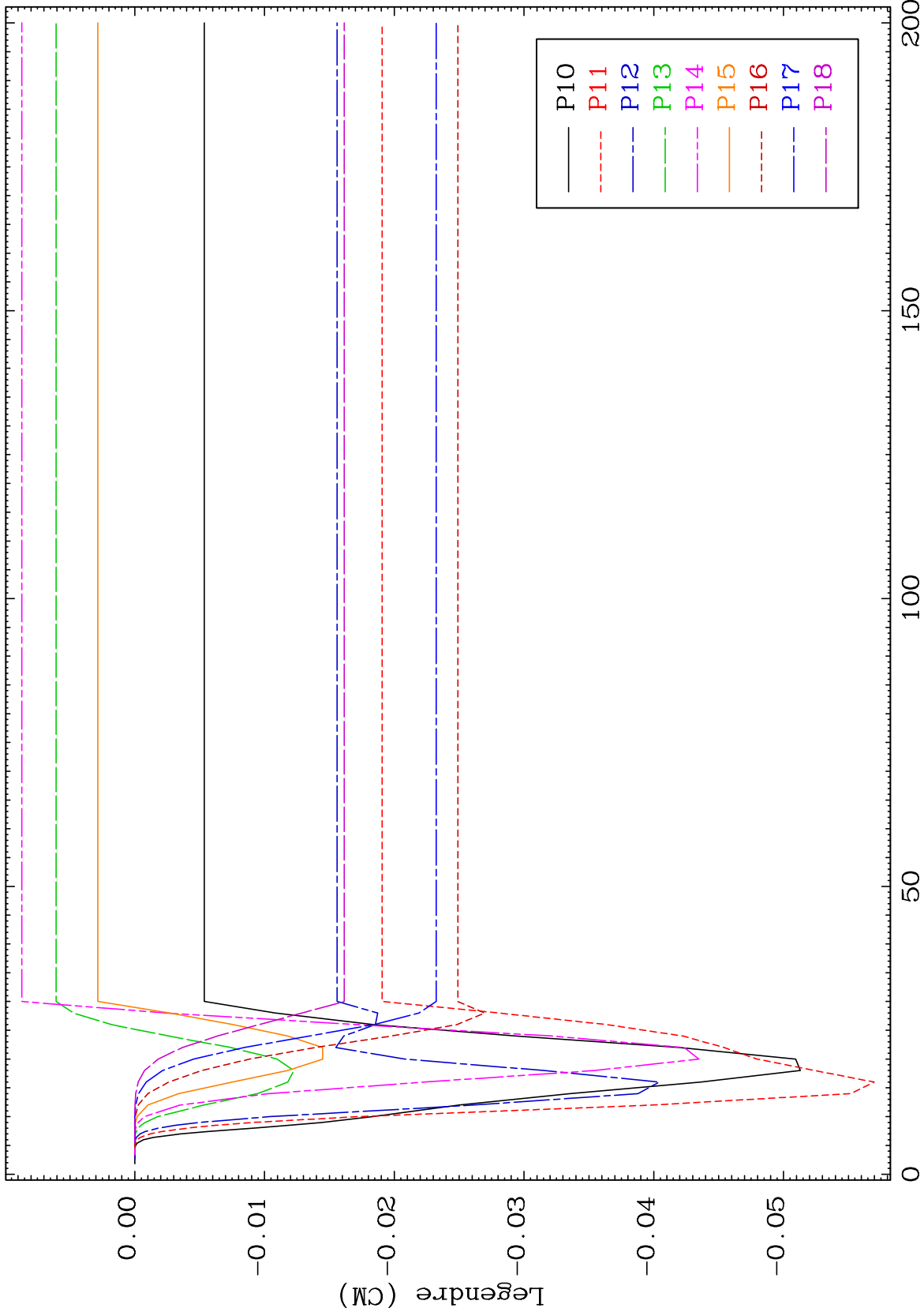
Incident Energy (MeV)

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MAT 4834

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

48-Cd-109



66

Incident Energy (MeV)

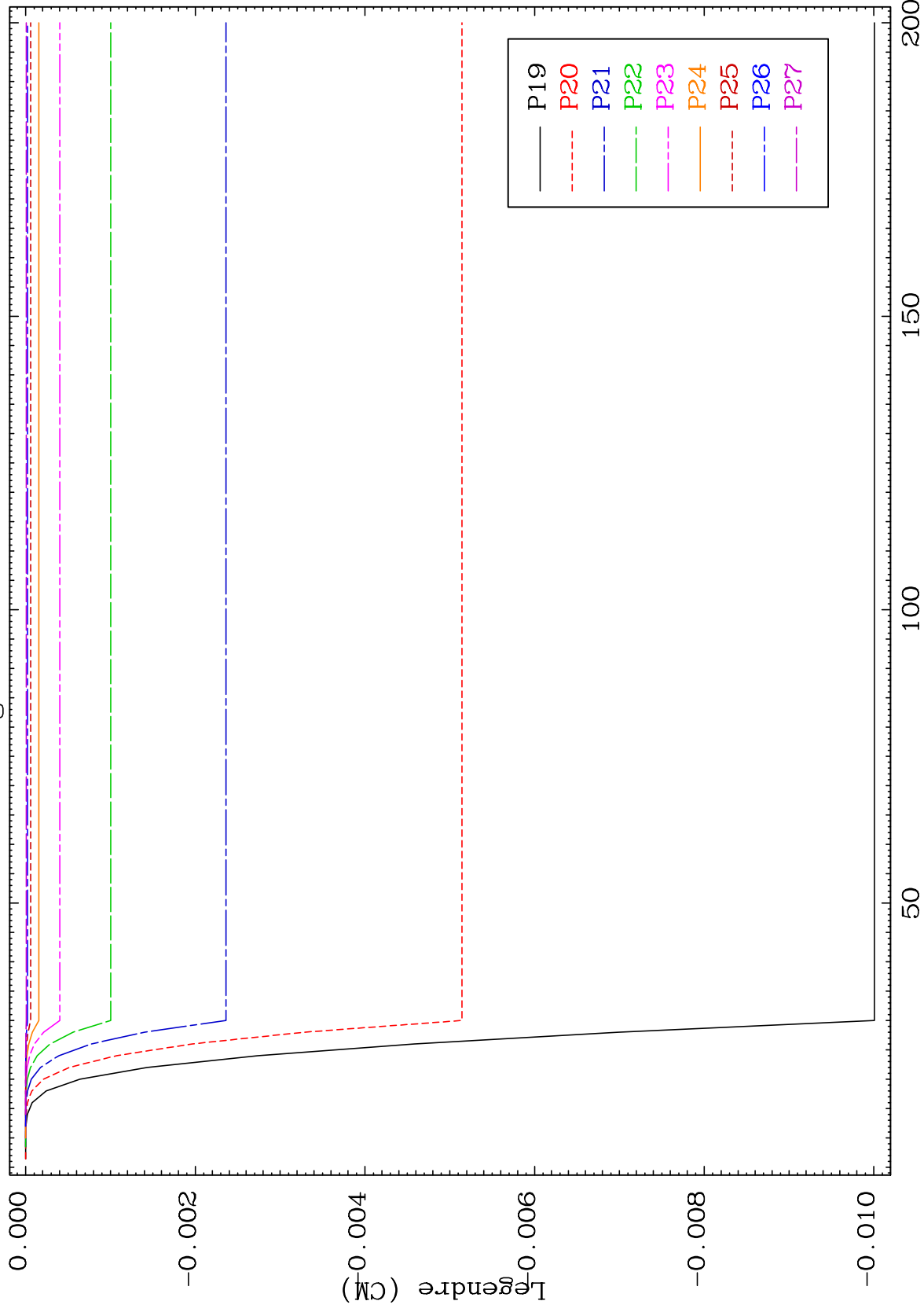
48-Cd-109

MAT 4834

MT= 62 (n,n') Level

48-Cd-109

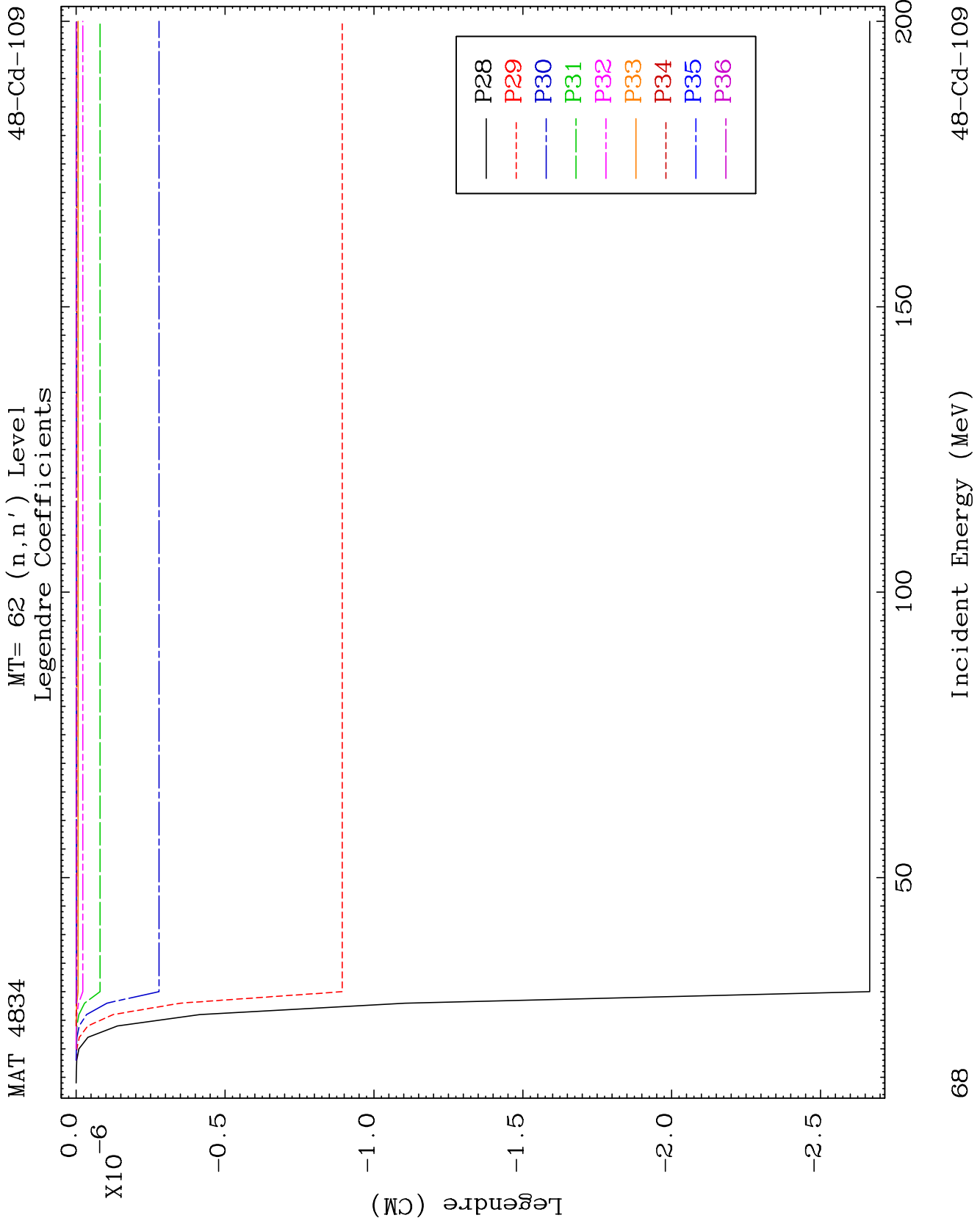
Legendre Coefficients



67

Incident Energy (MeV)

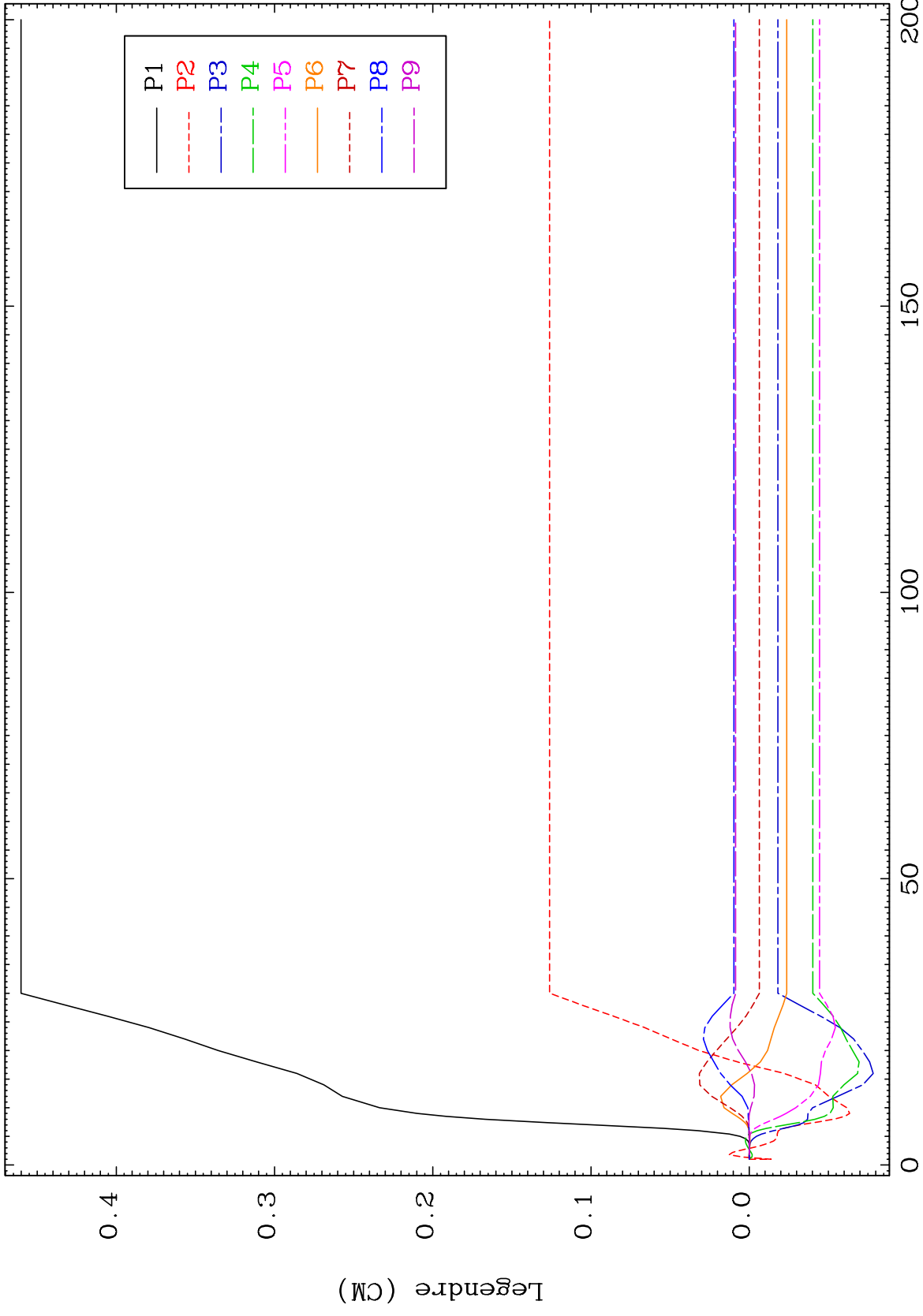
48-Cd-109



MAT 4834

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

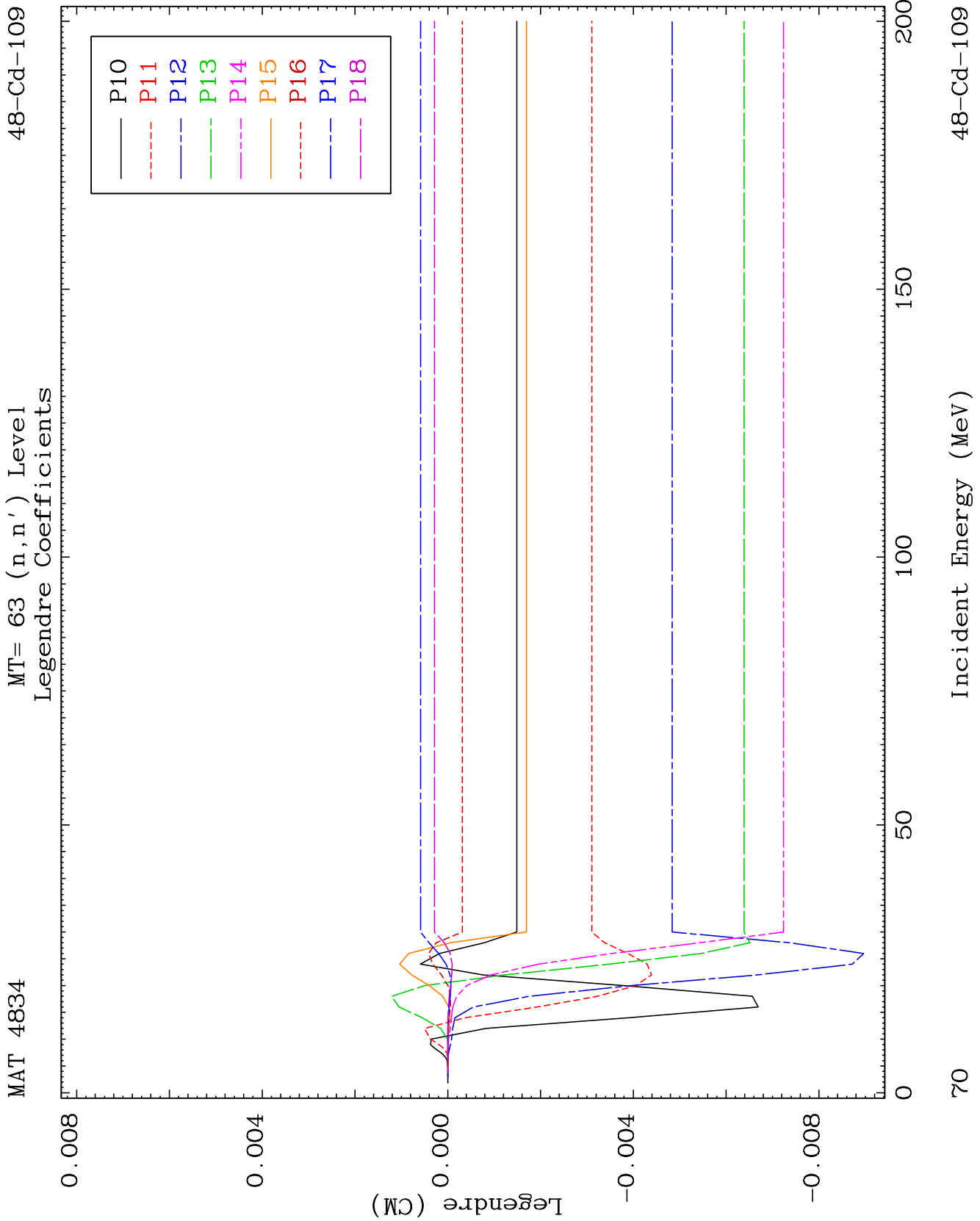
48-Cd-109



69

Incident Energy (MeV)

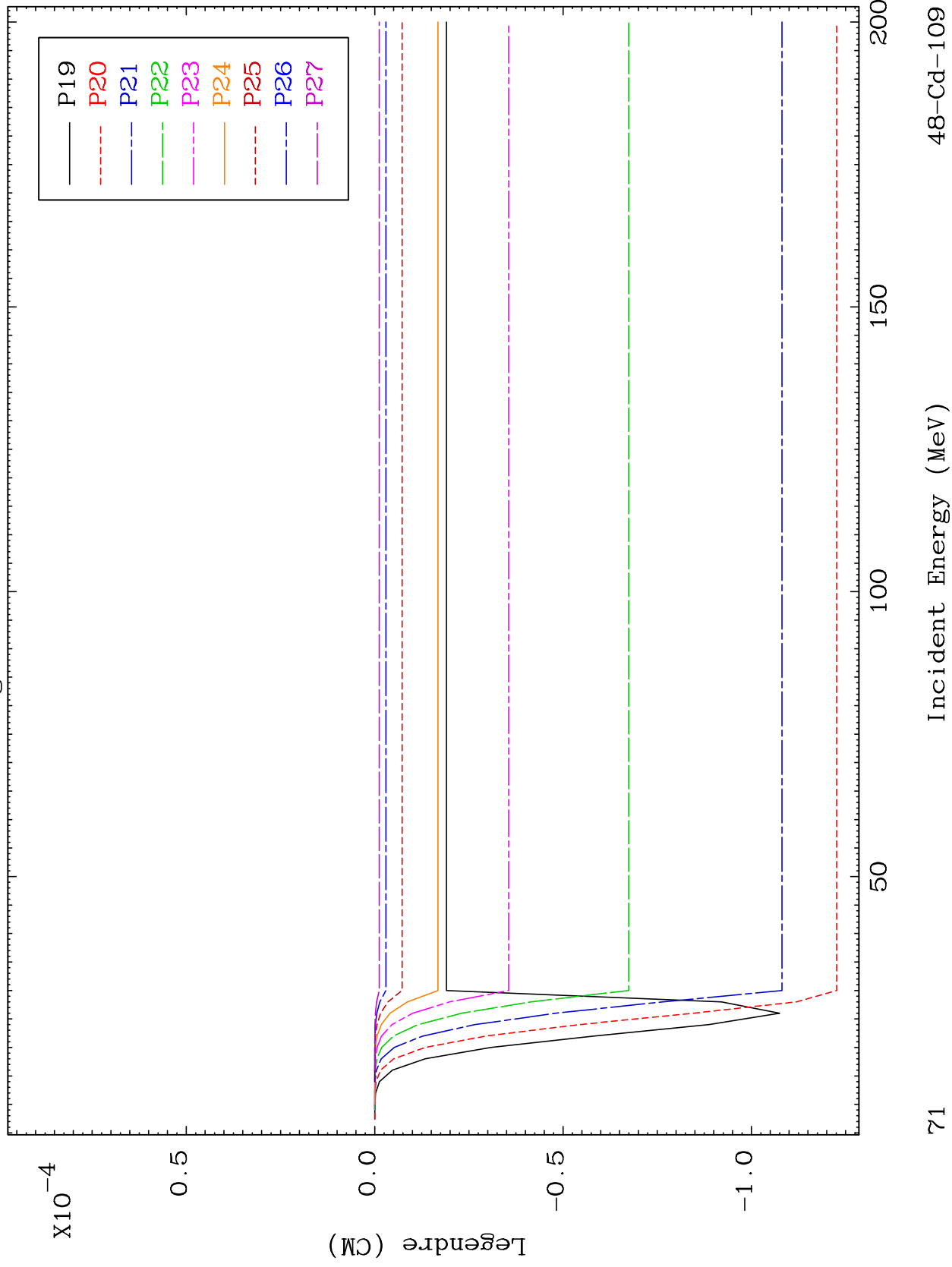
48-Cd-109

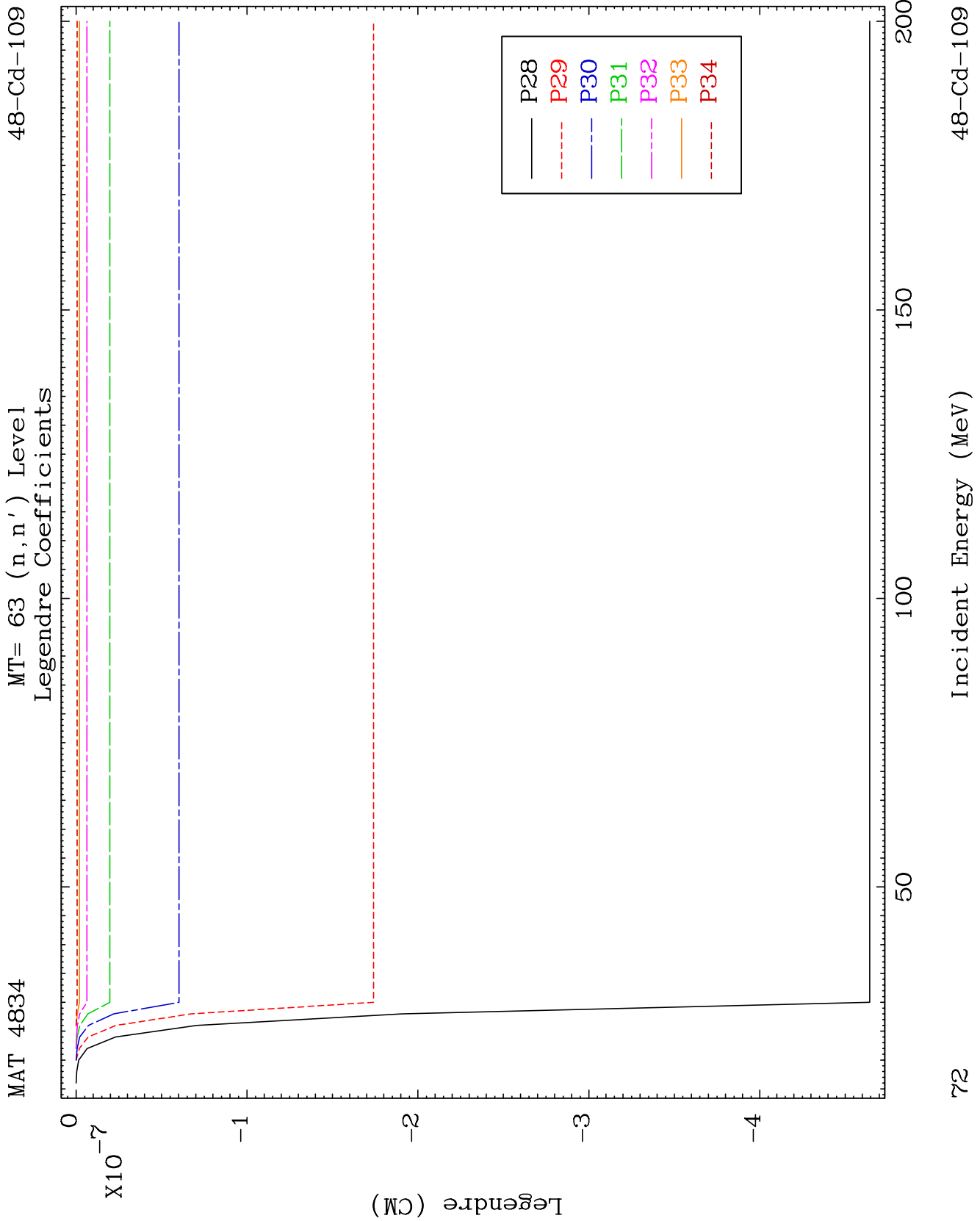


MAT 4834

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

48-Cd-109

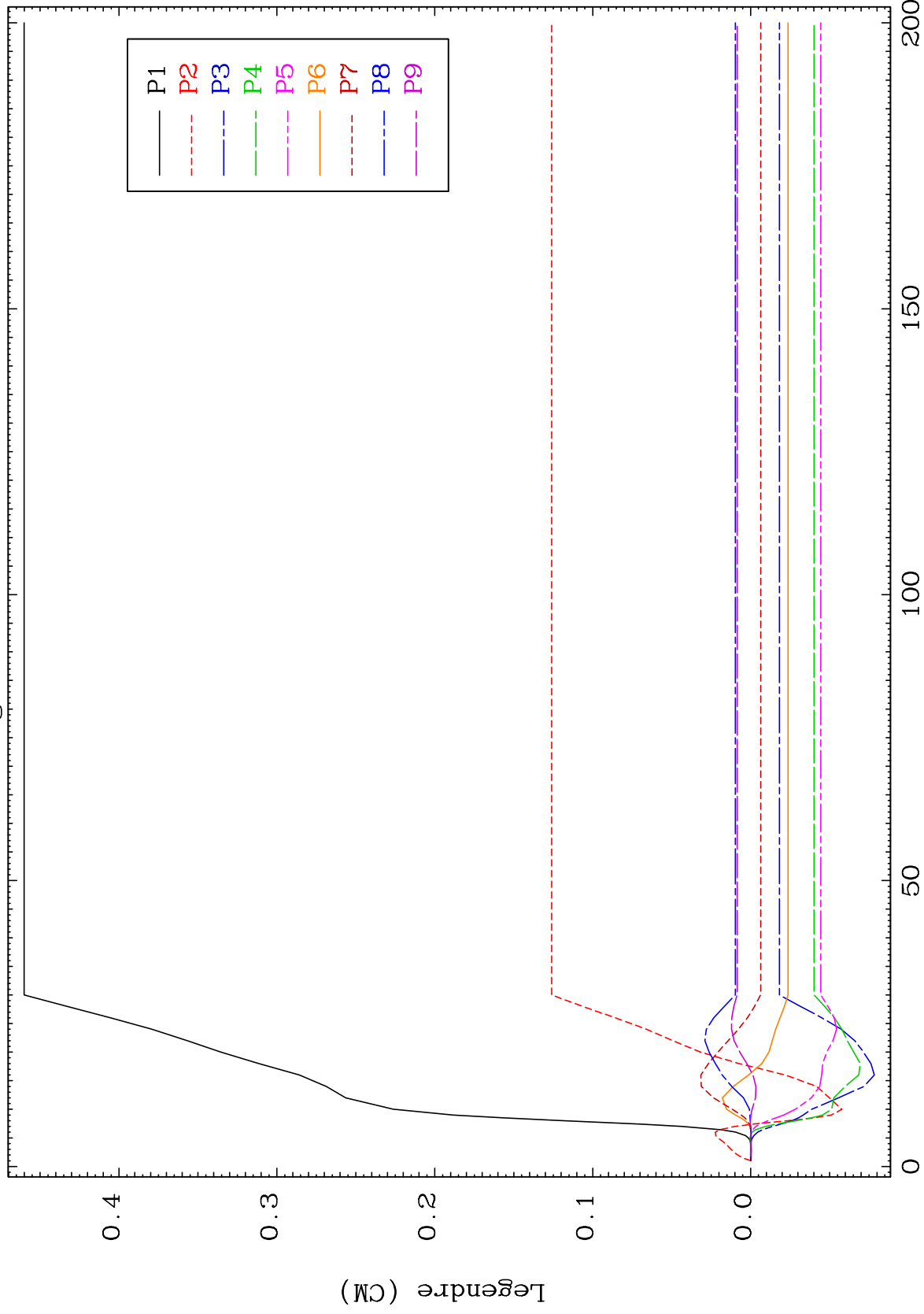




MAT 4834

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

48-Cd-109



73

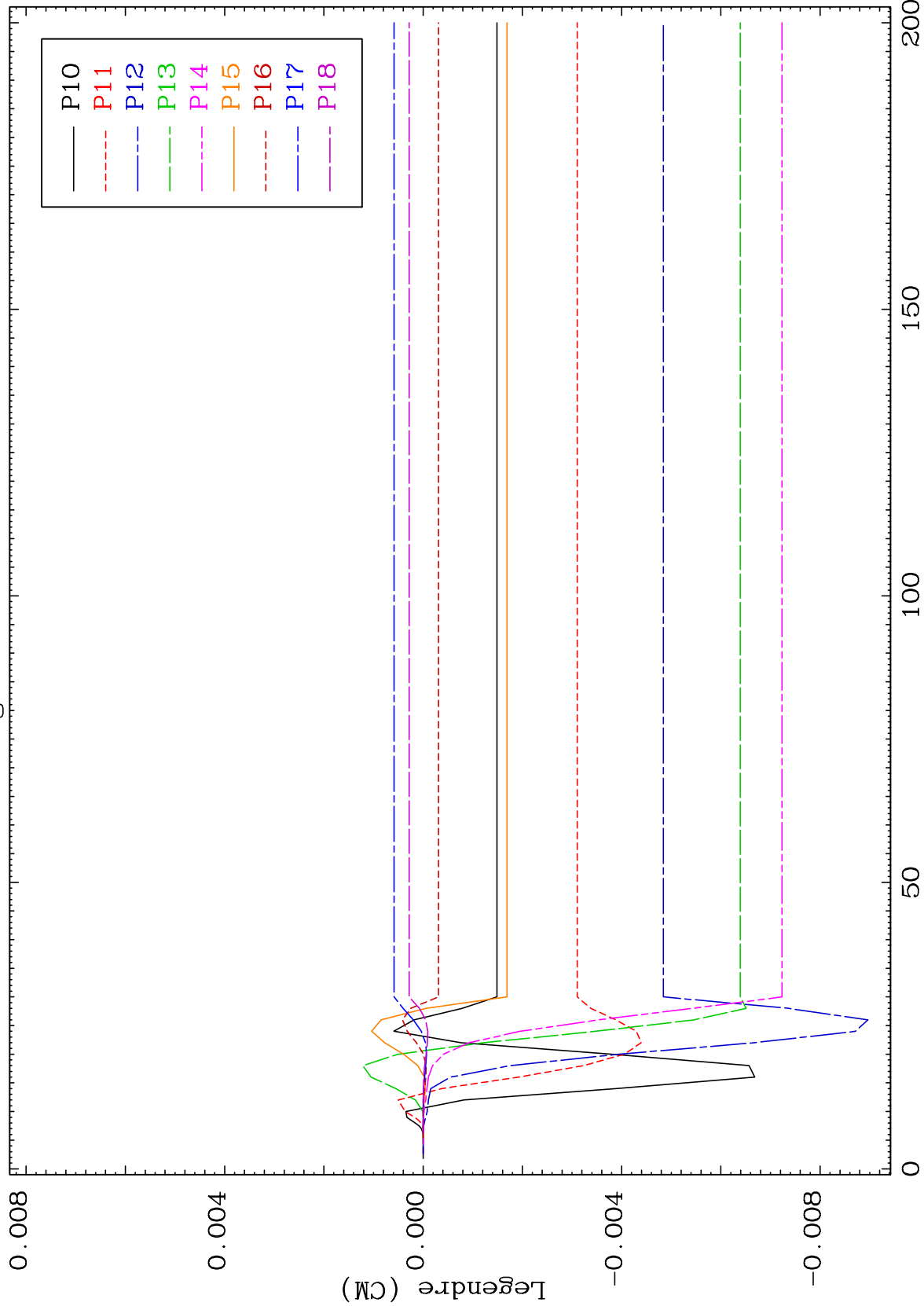
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



74

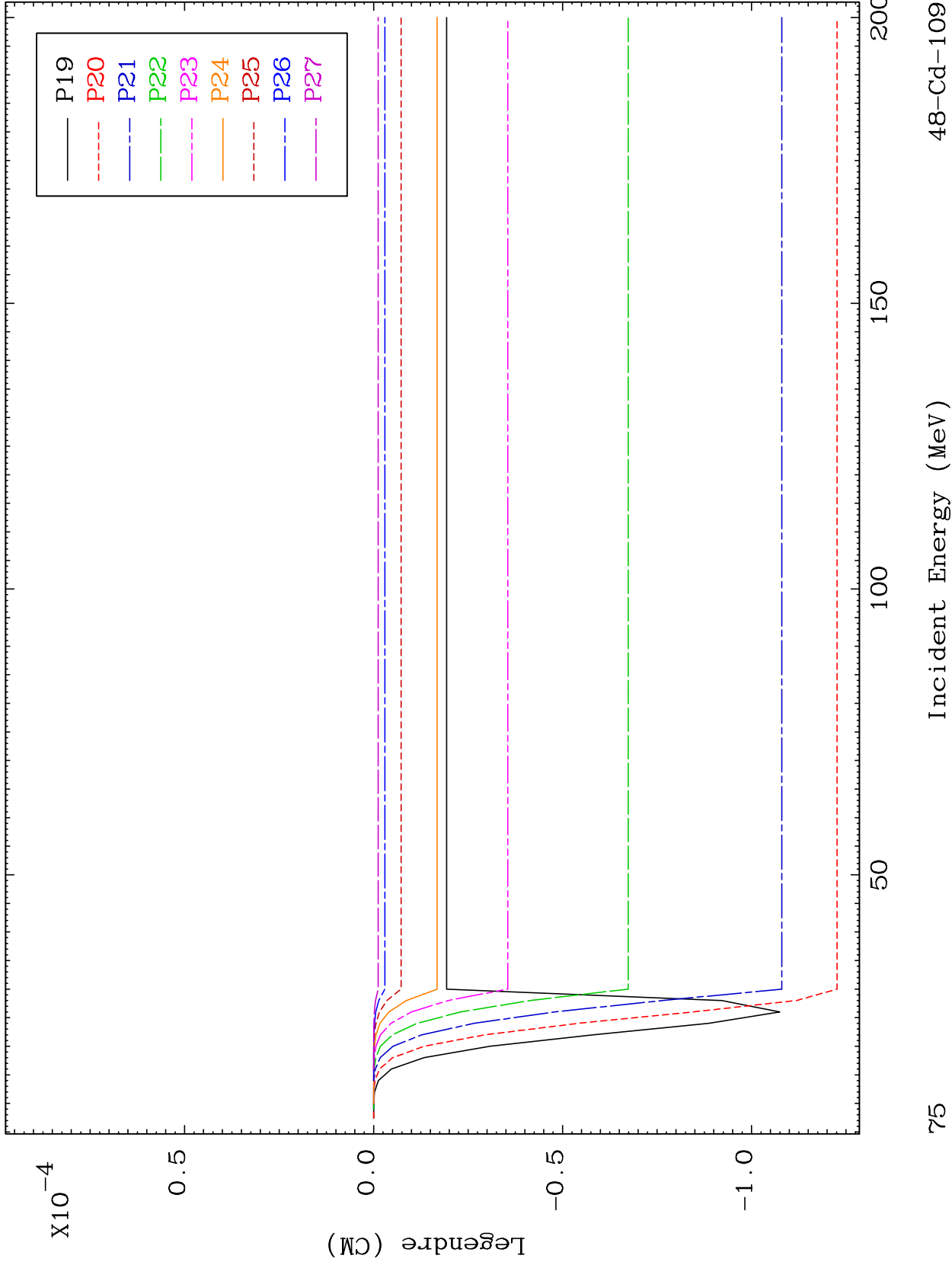
Incident Energy (MeV)

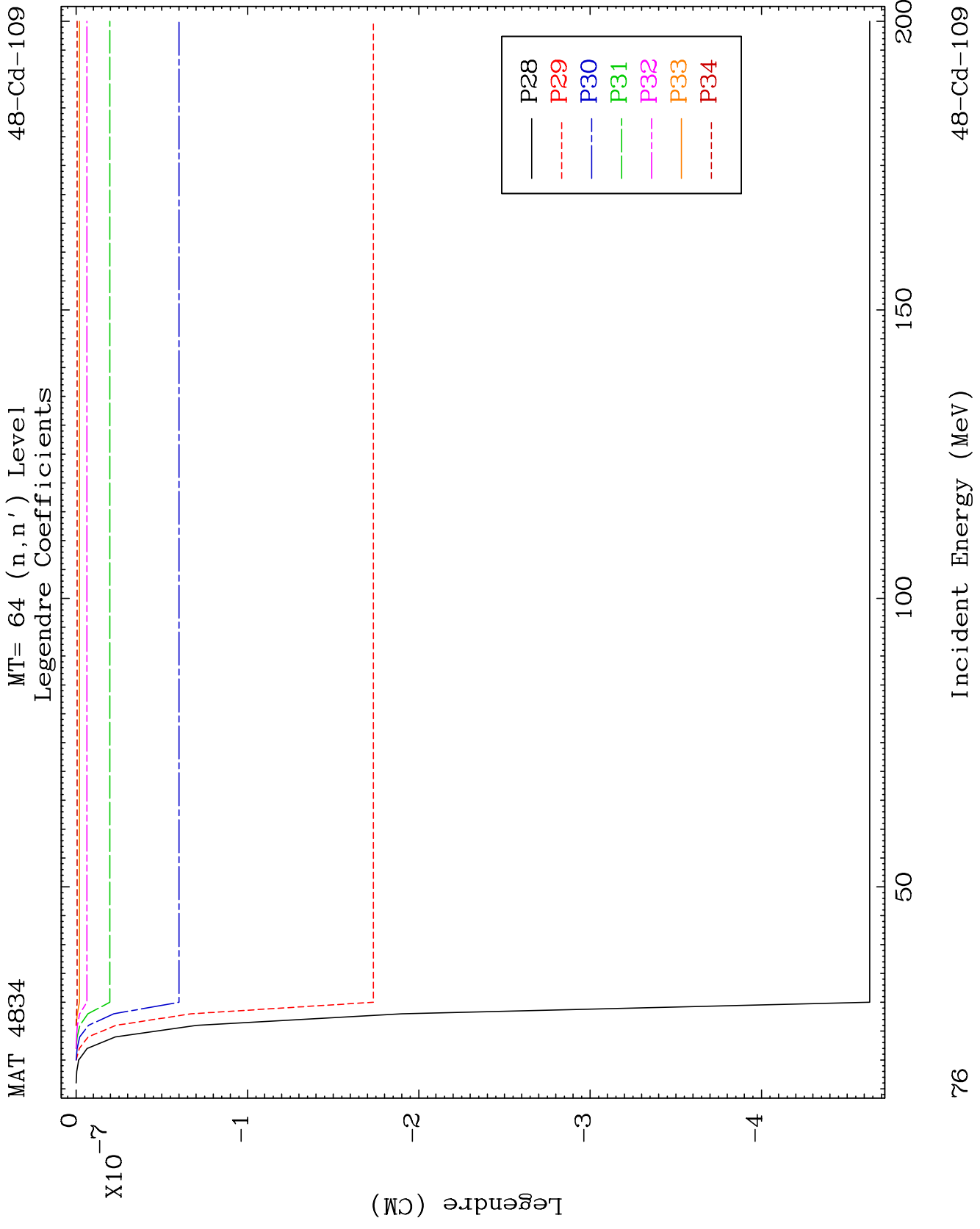
48-Cd-109

MAT 4834

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

48-Cd-109

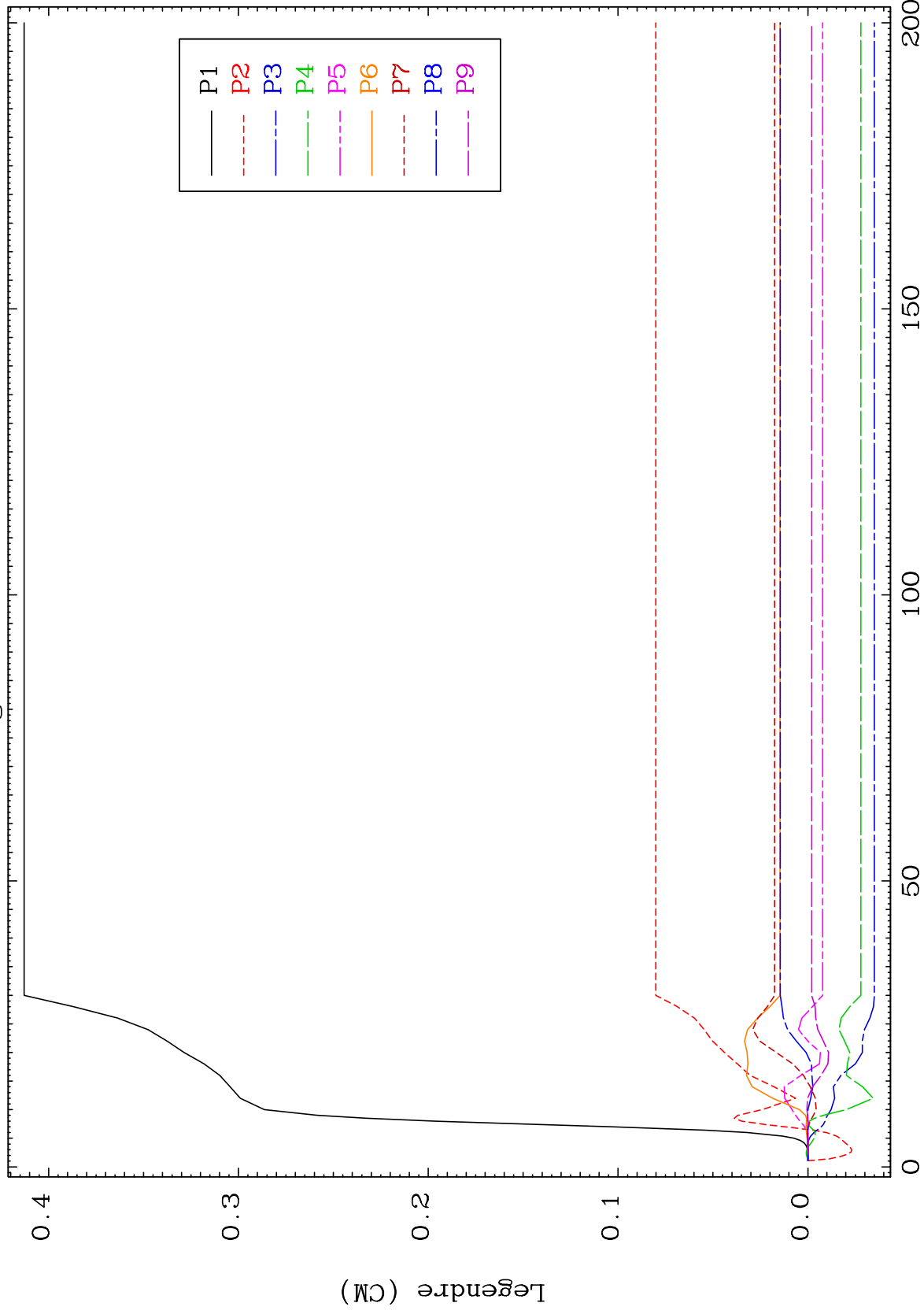




MAT 4834

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

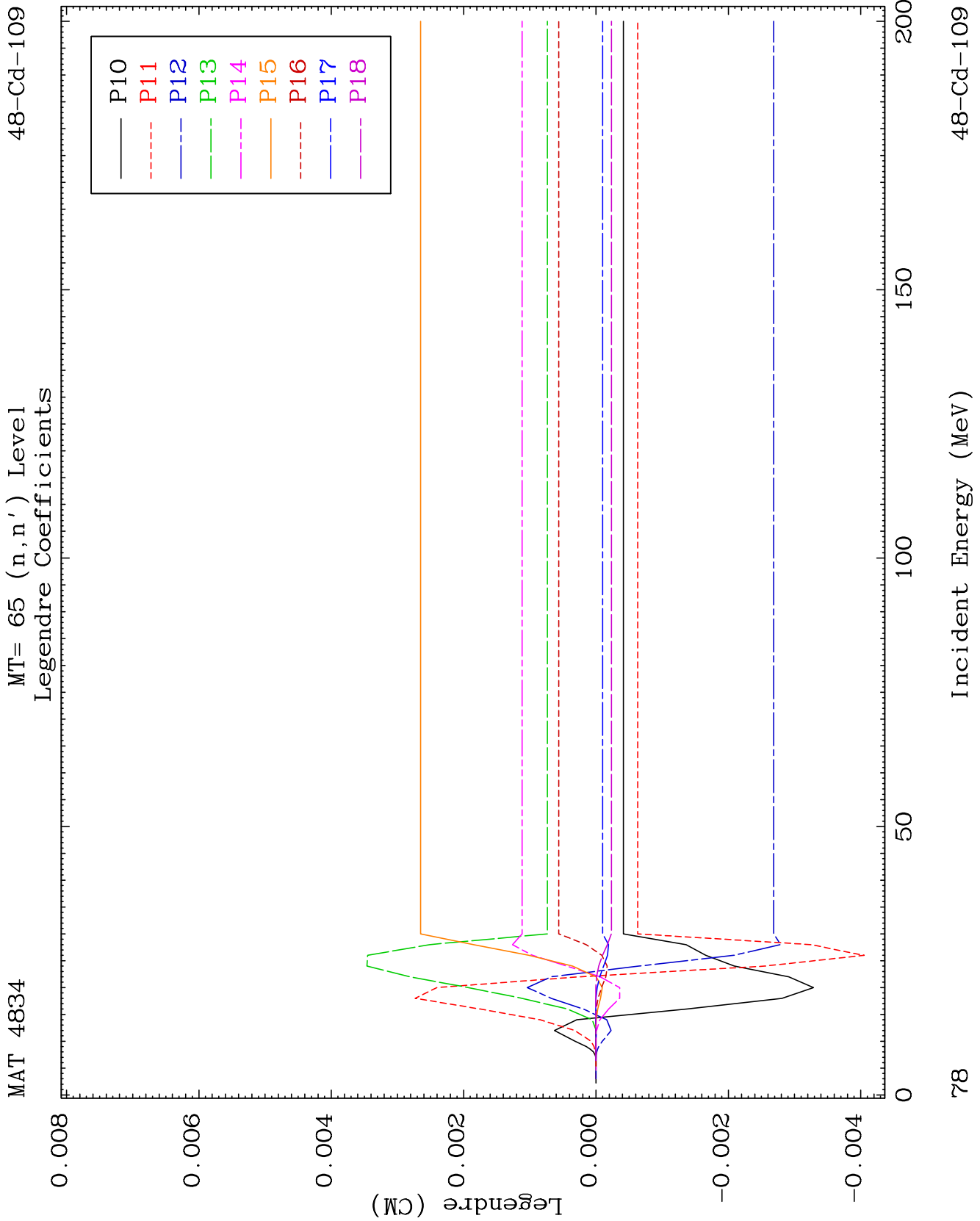
48-Cd-109

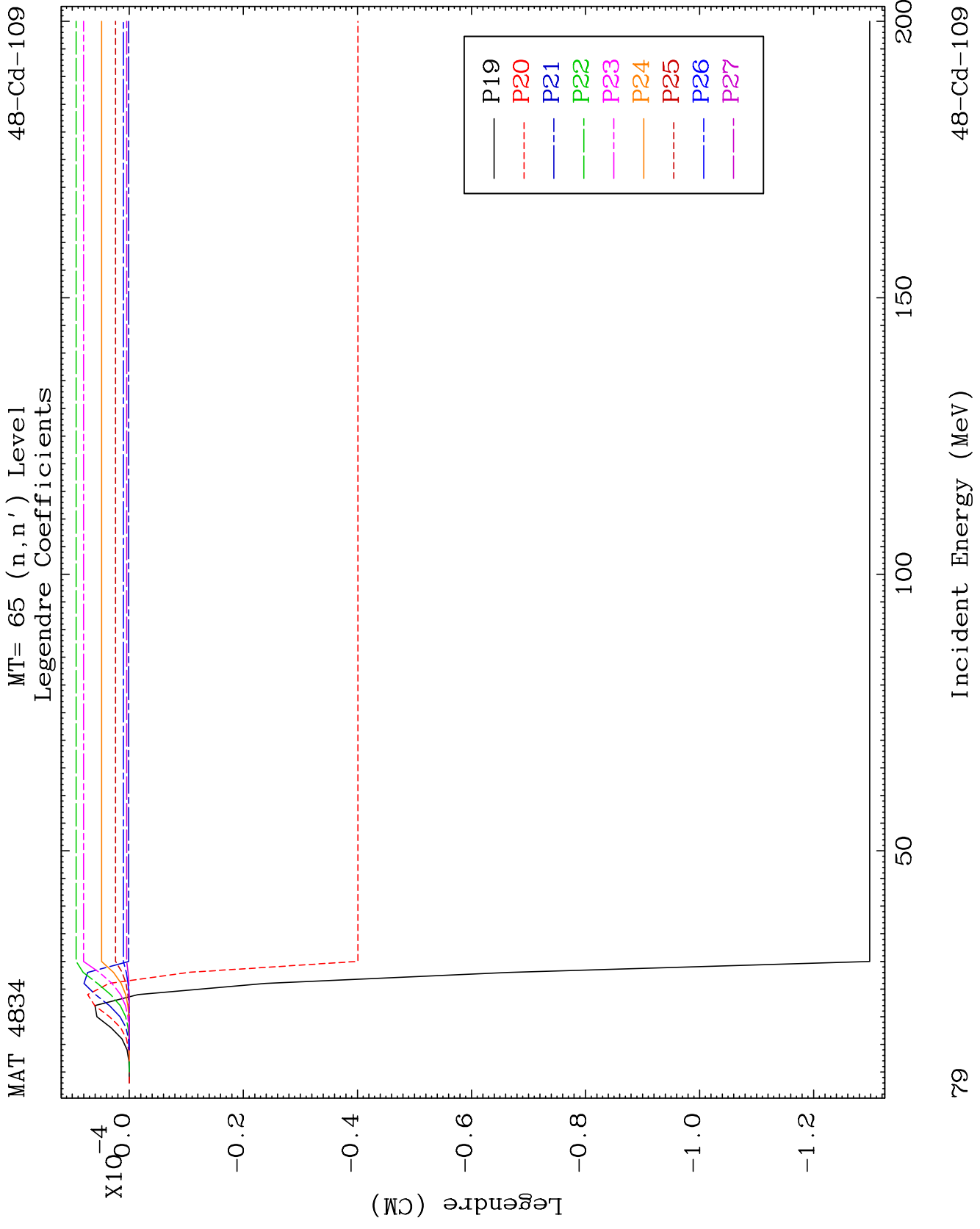


77

Incident Energy (MeV)

48-Cd-109

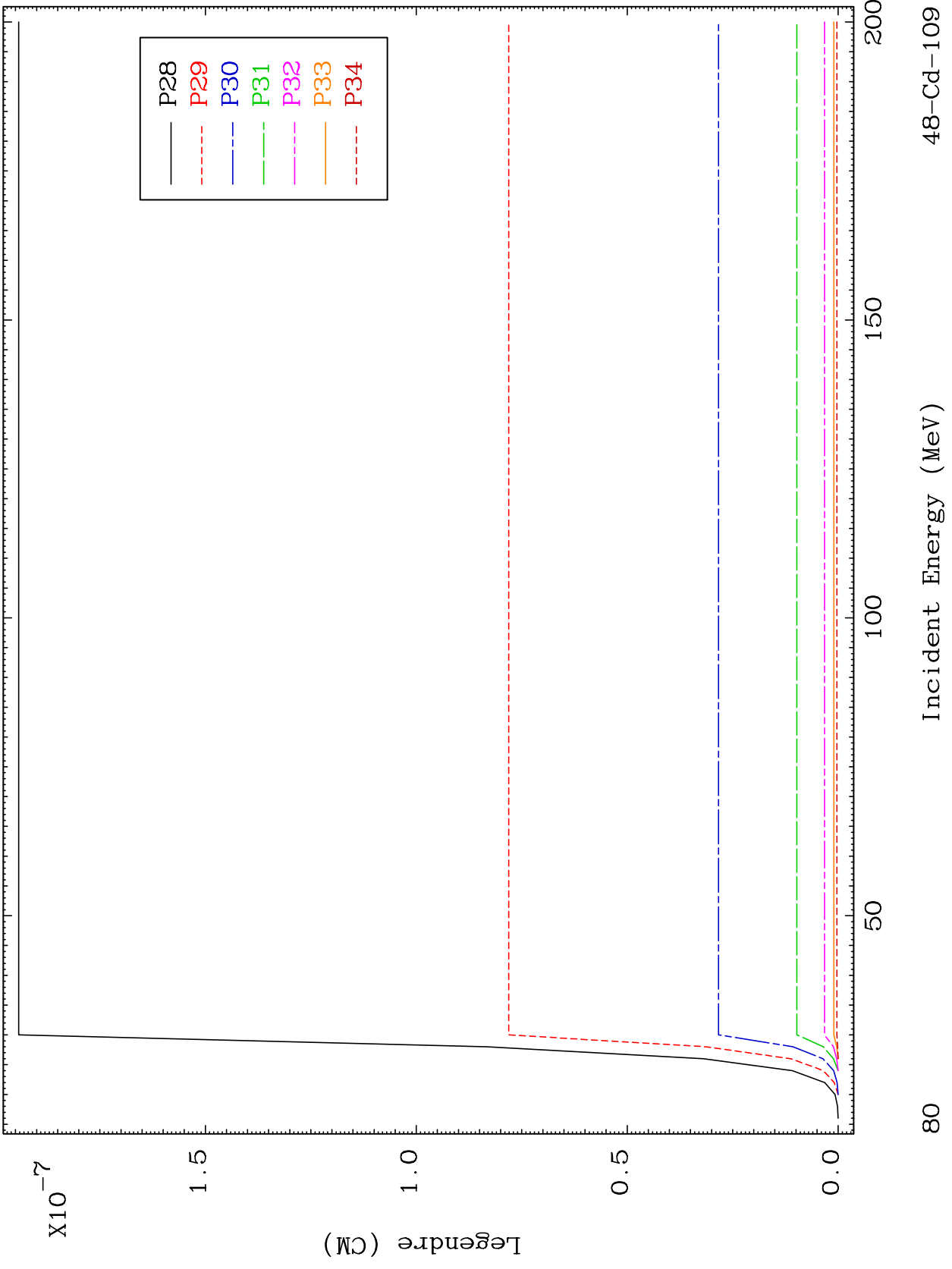




MAT 4834

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

48-Cd-109



48-Cd-109

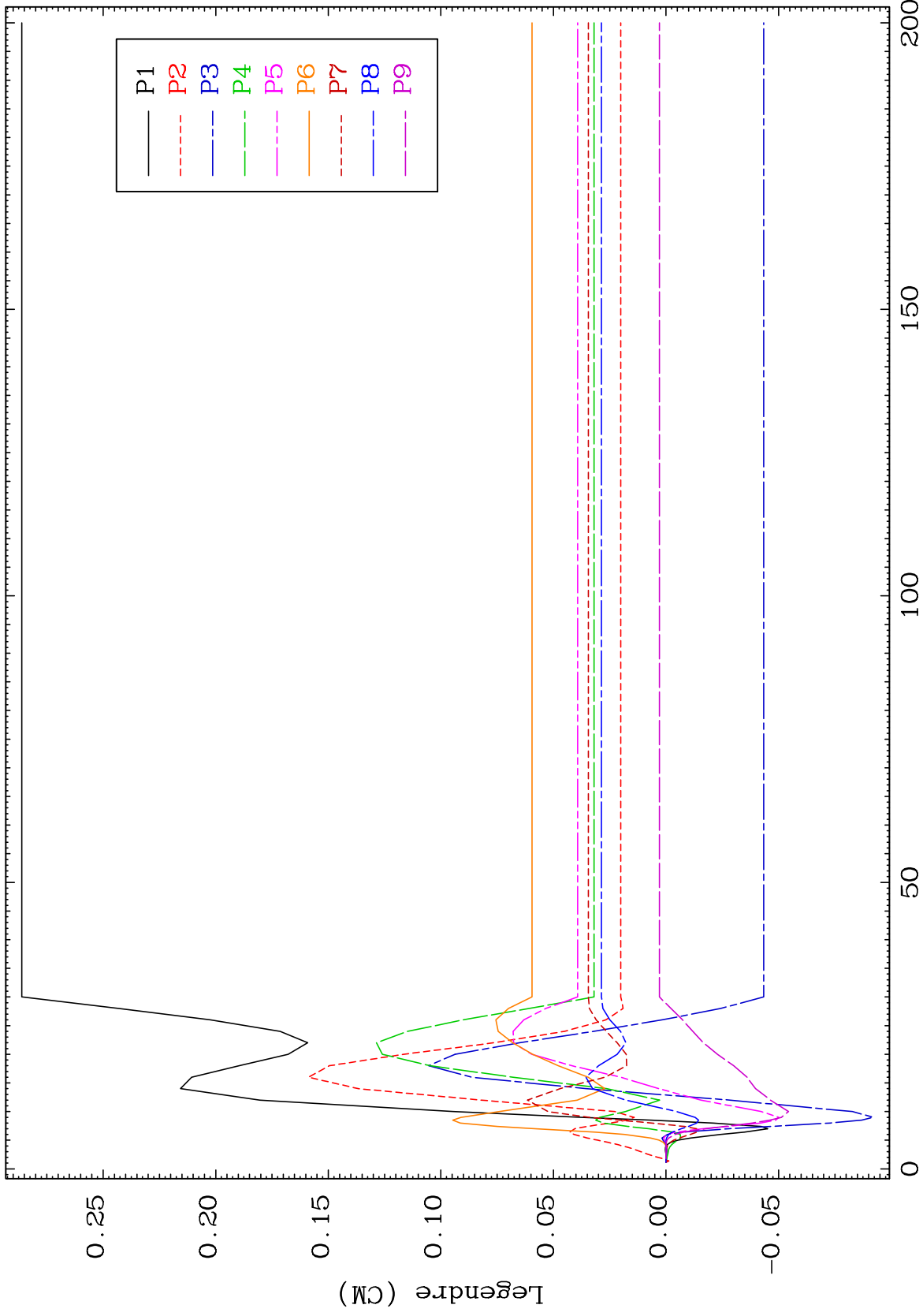
Incident Energy (MeV)

80

MAT 4834

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

48-Cd-109



81

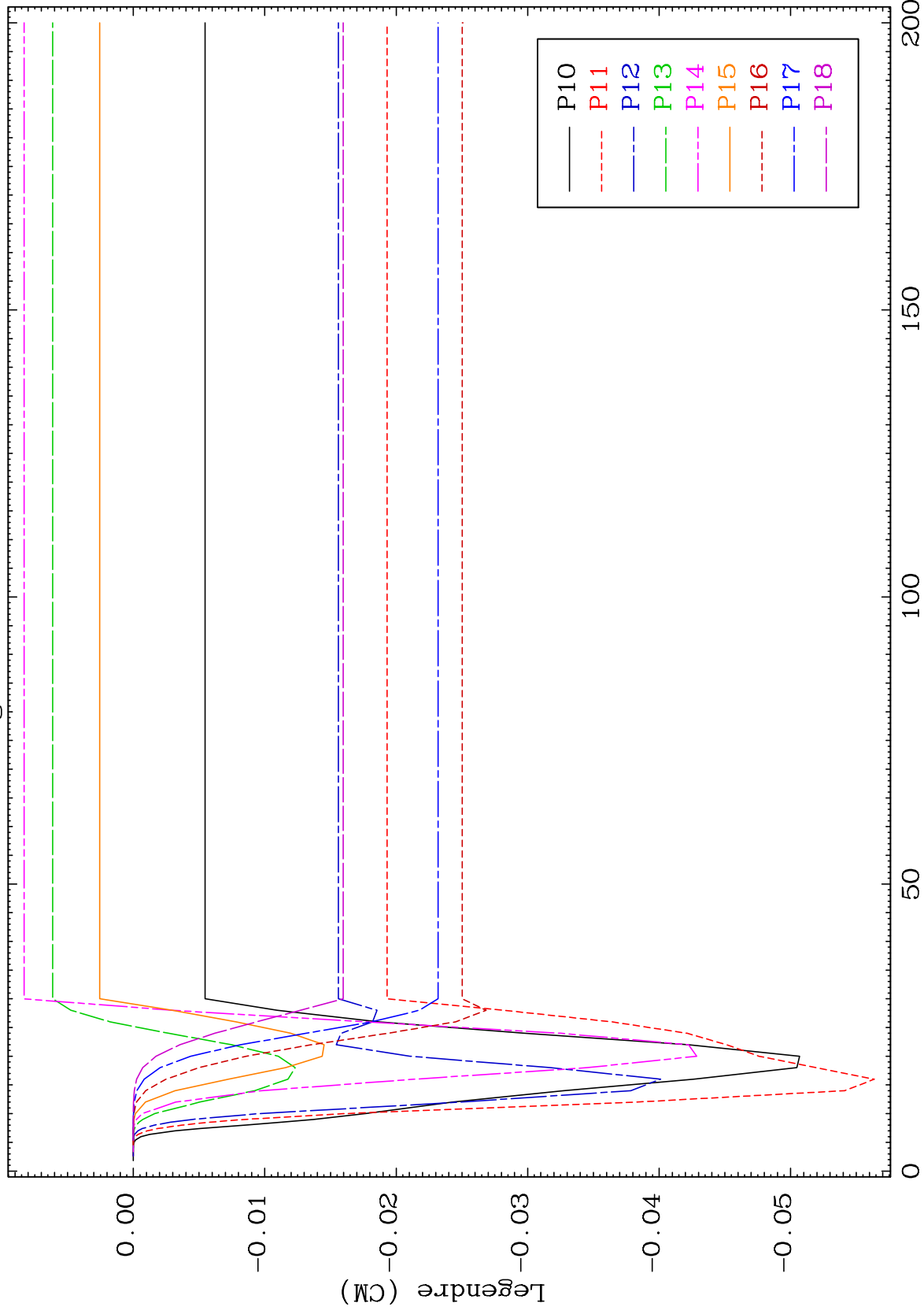
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

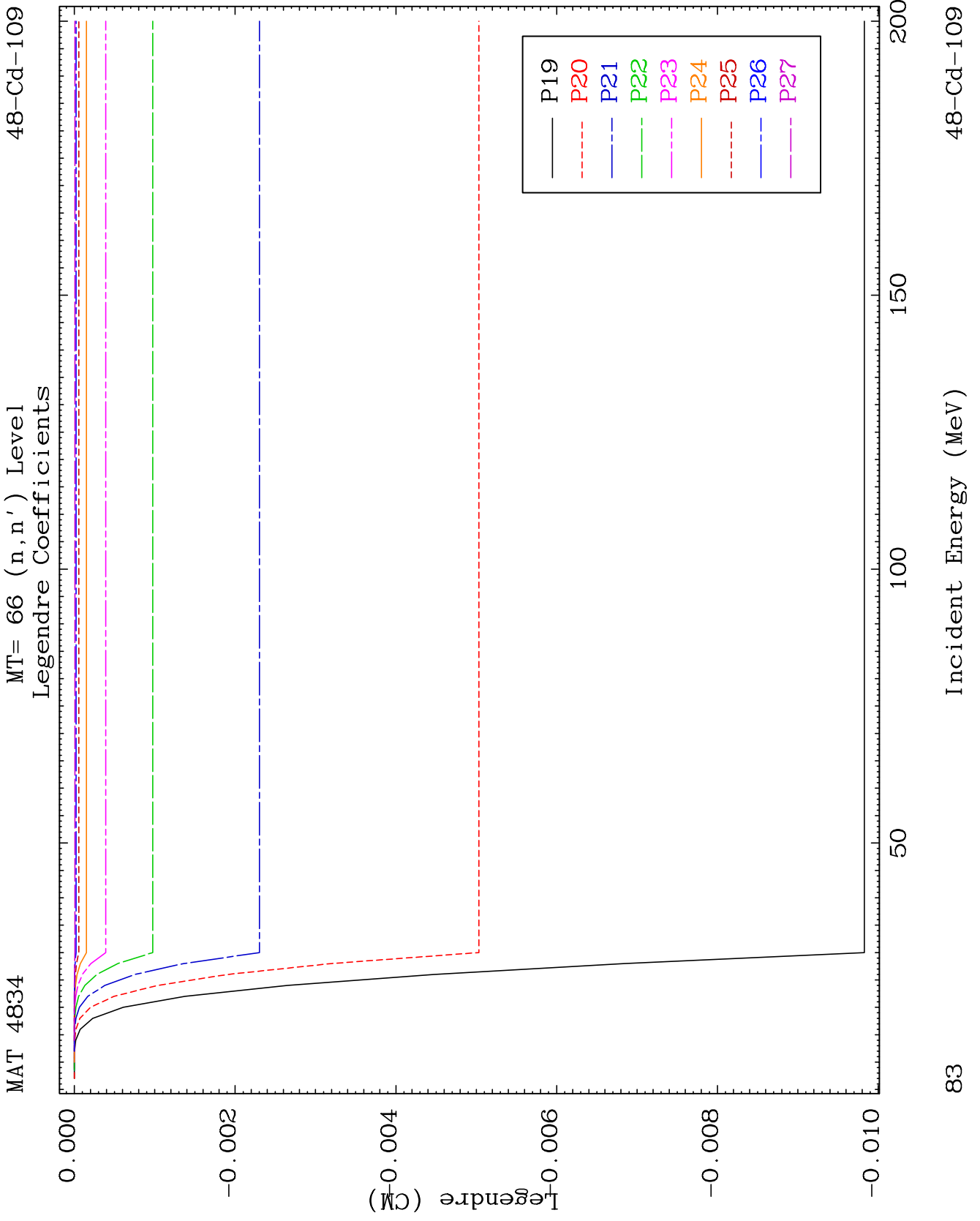
48-Cd-109

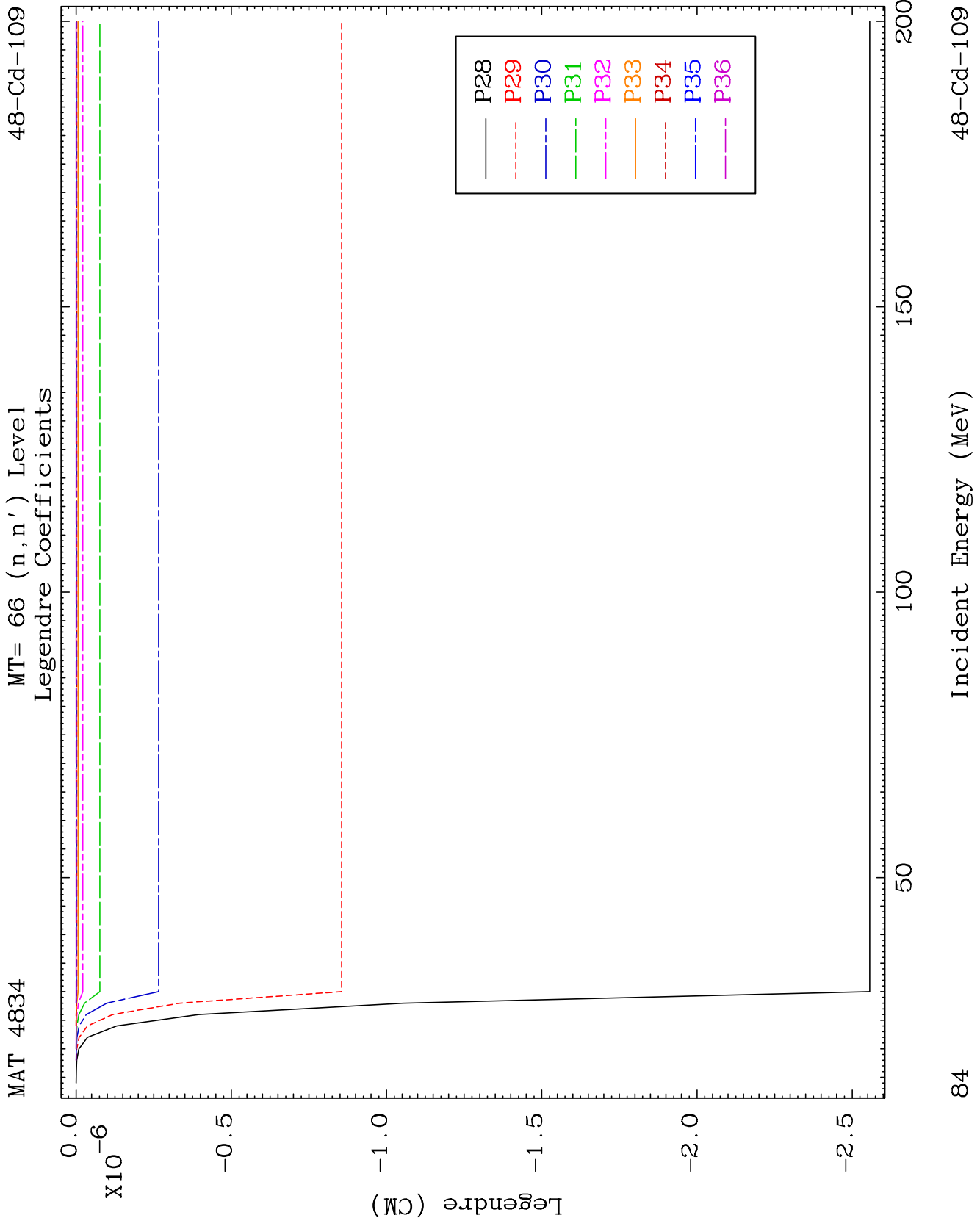


82

Incident Energy (MeV)

48-Cd-109



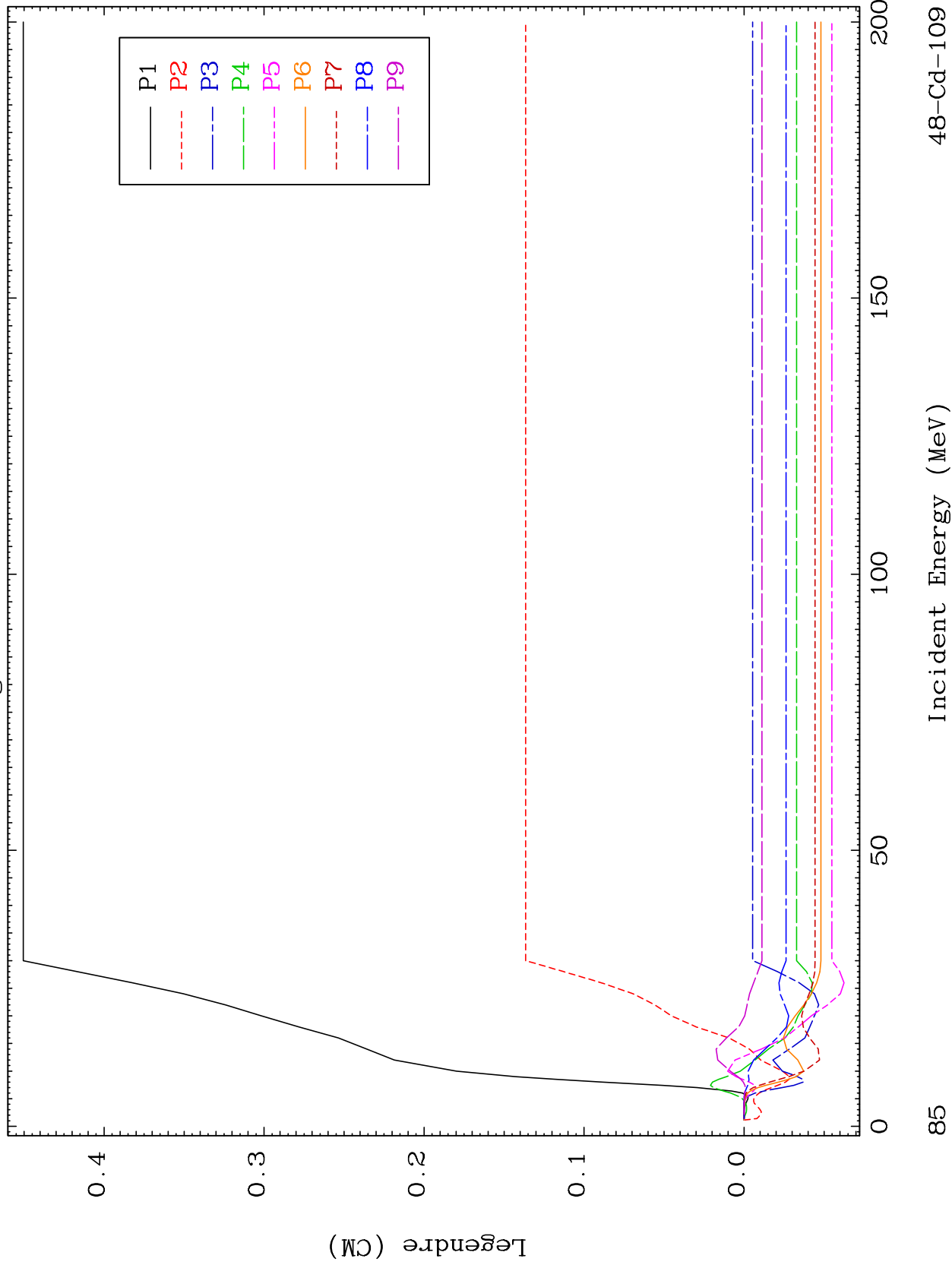


MAT 4834

MT= 67 (n,n') Level

48-Cd-109

Legendre Coefficients



85

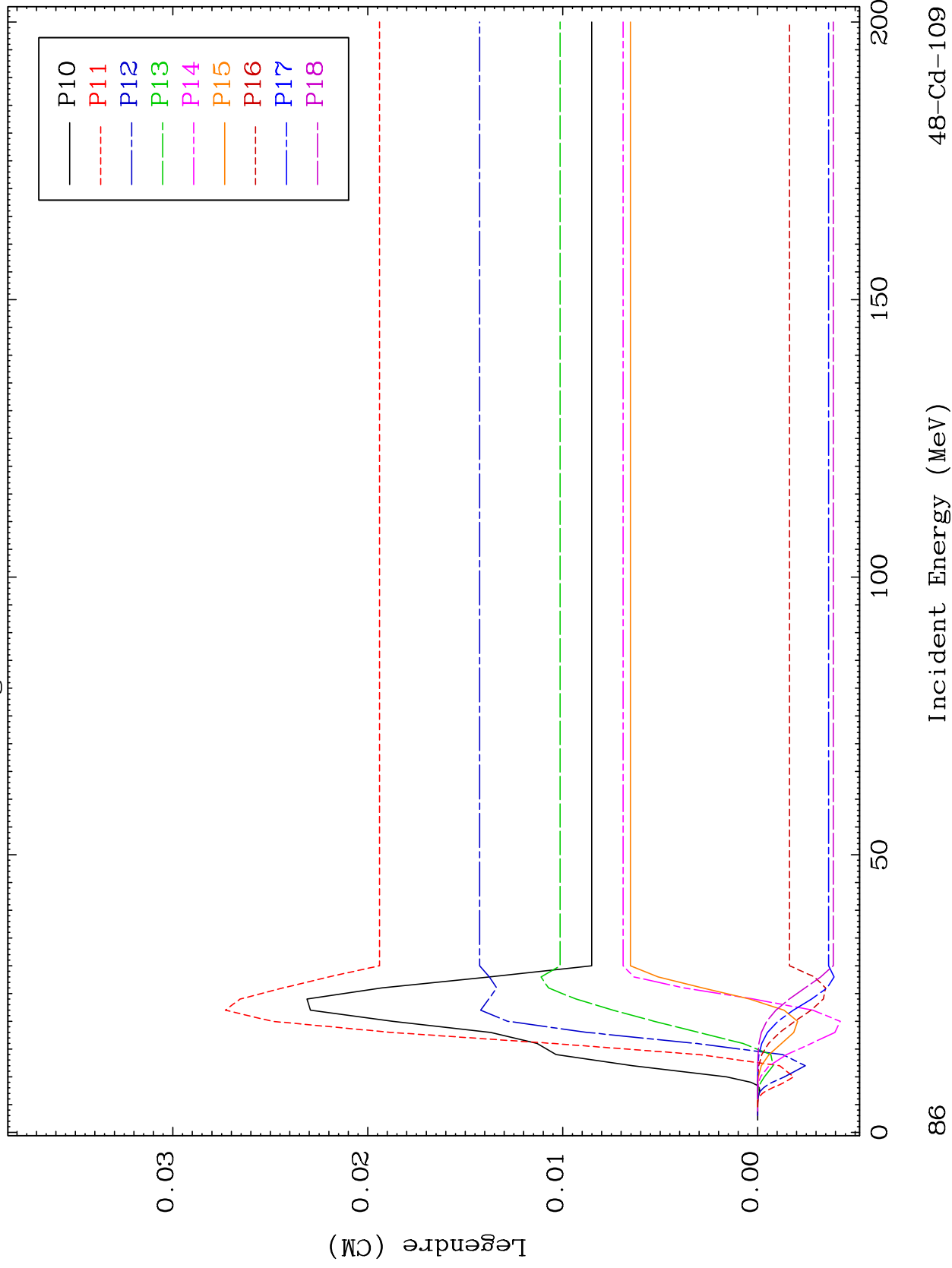
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



48-Cd-109

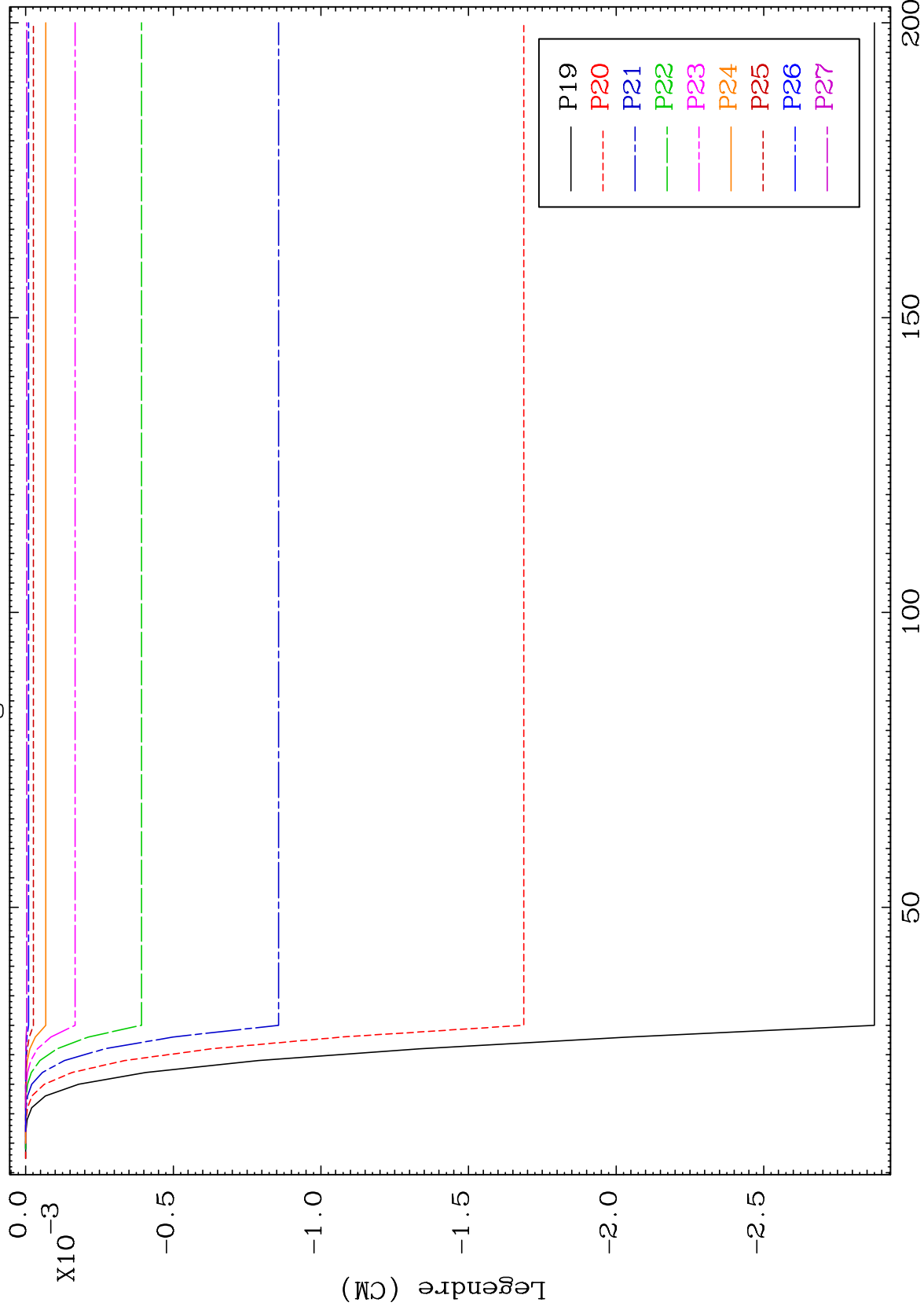
Incident Energy (MeV)

86

MAT 4834

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

48-Cd-109

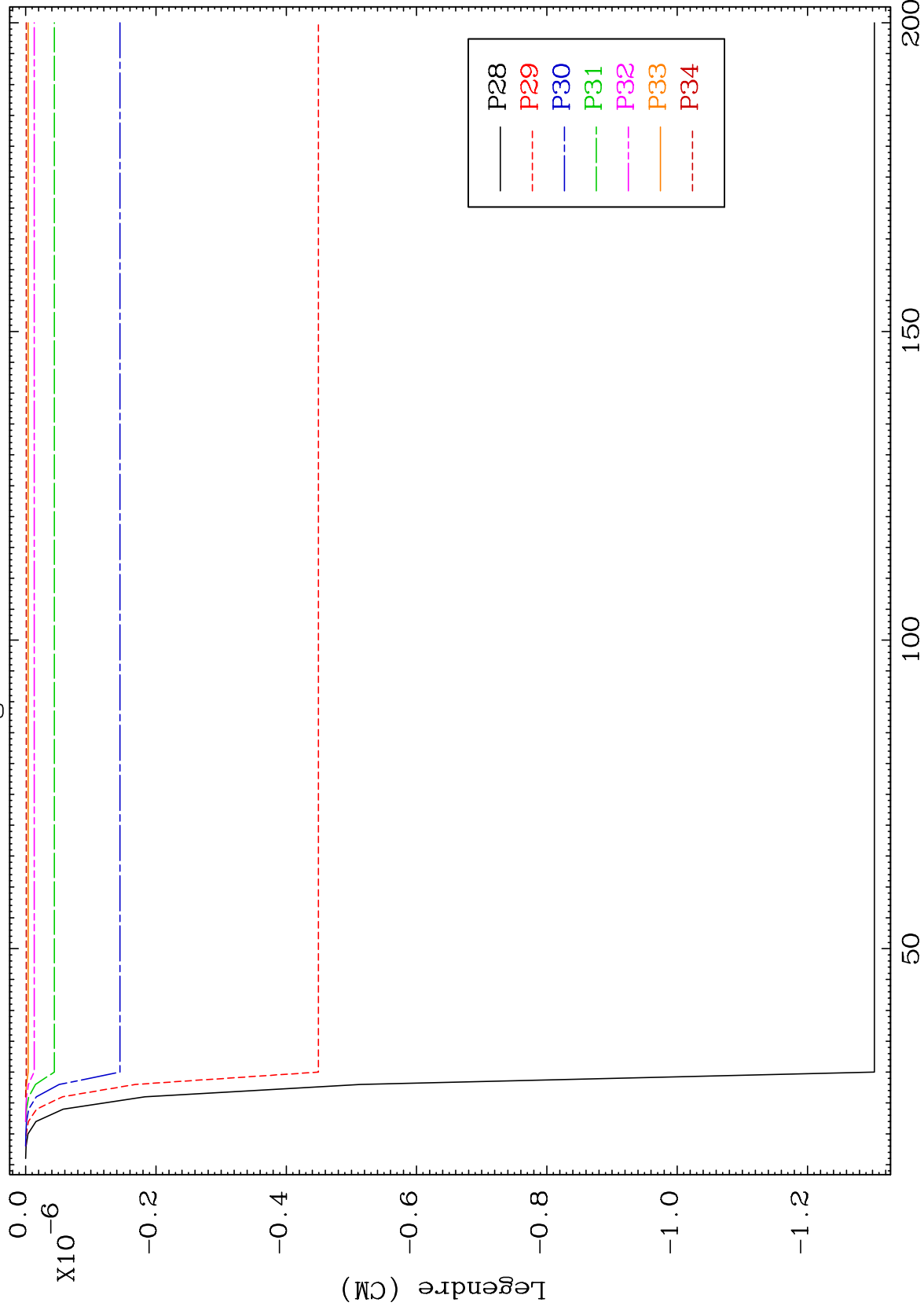


MAT 4834

MT= 67 (n,n') Level

48-Cd-109

Legendre Coefficients



88

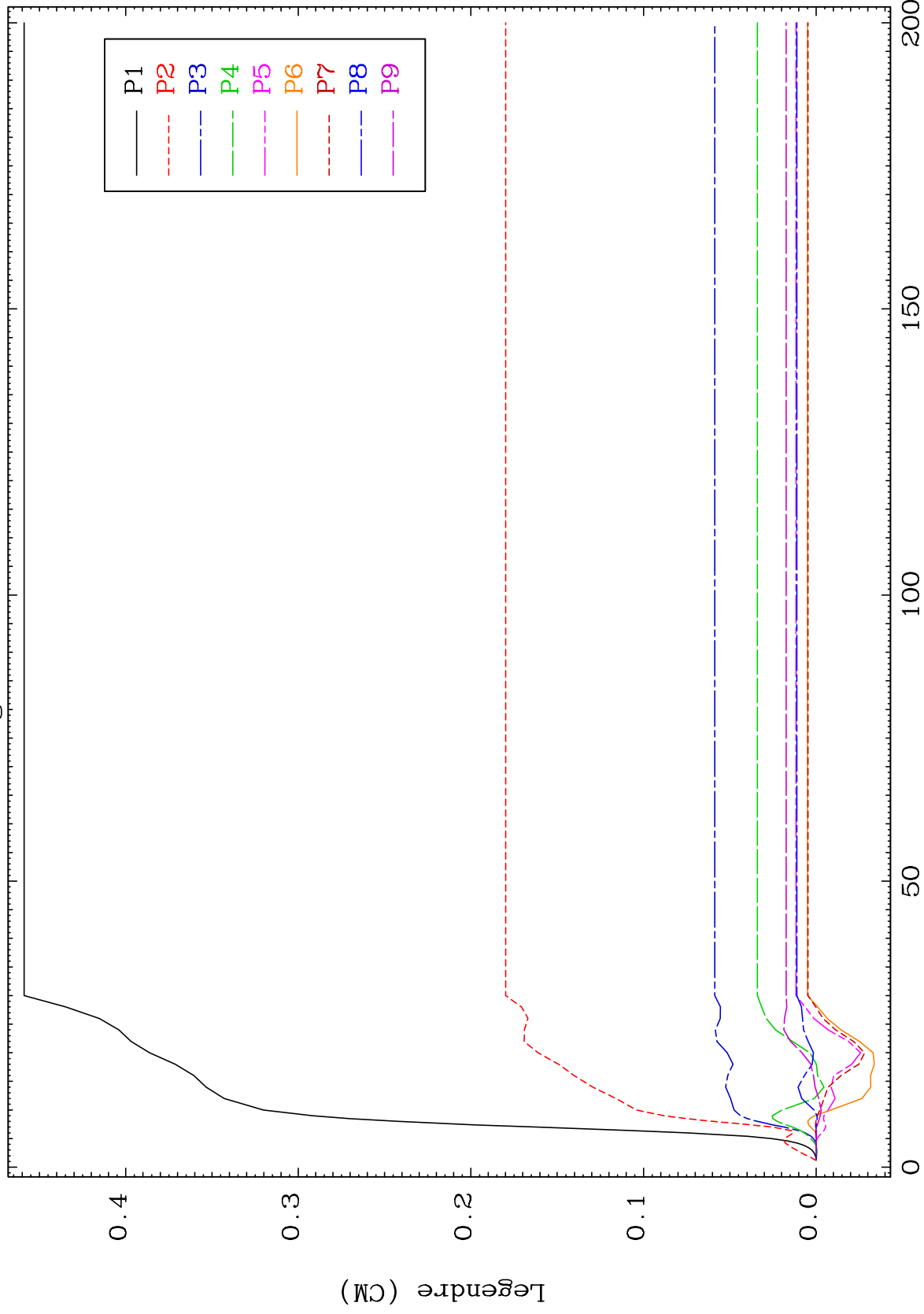
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



89

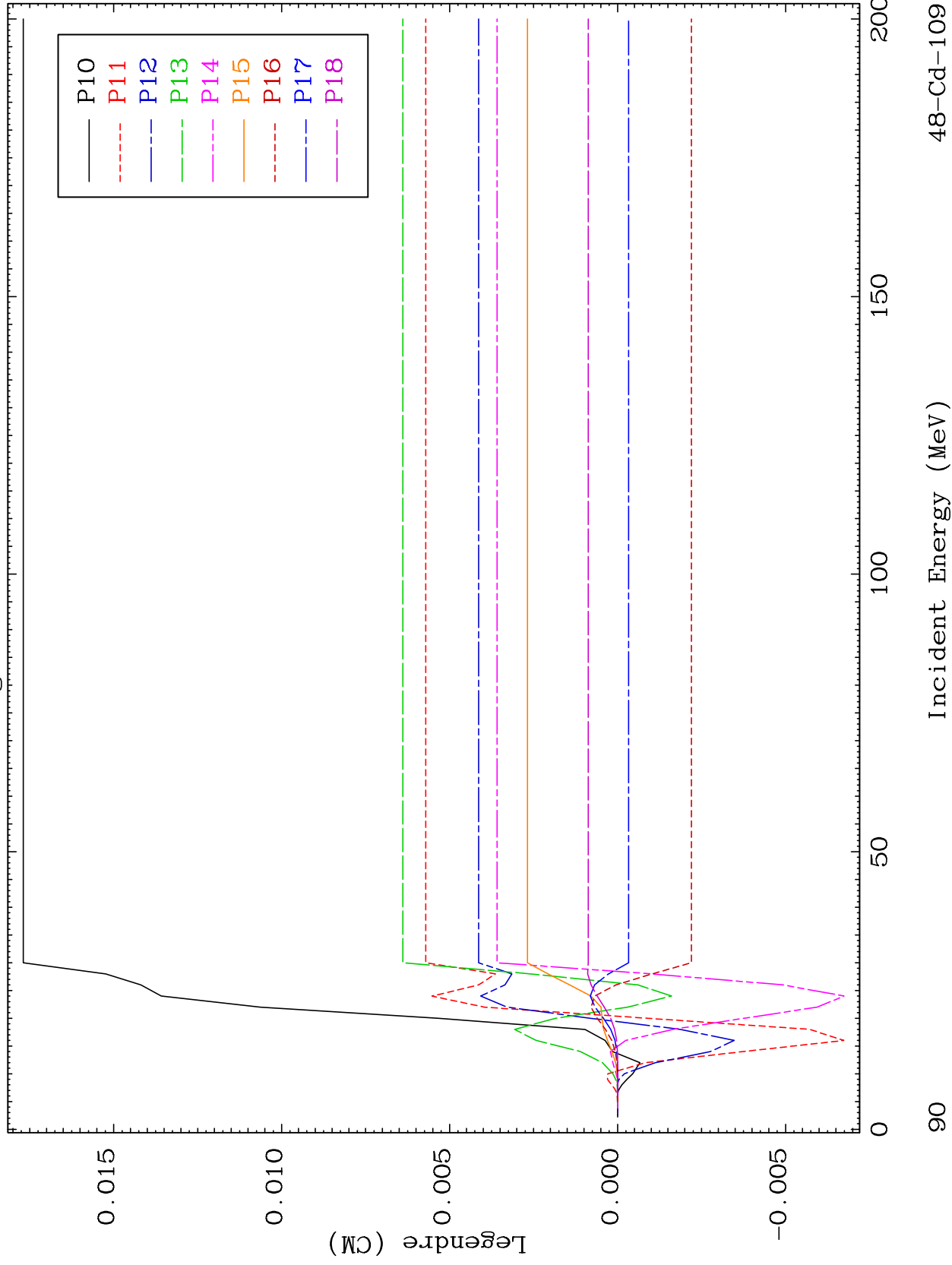
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

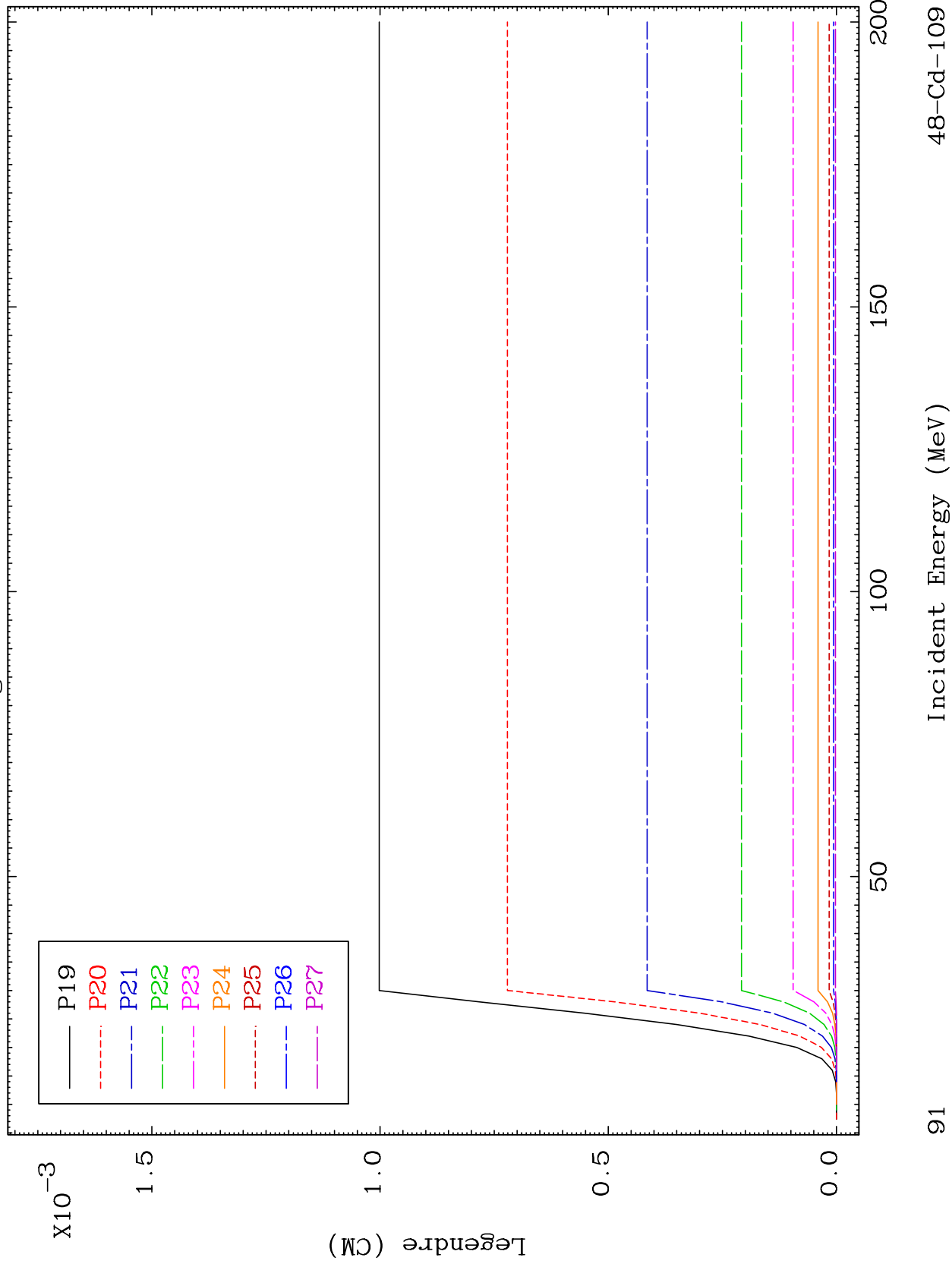
48-Cd-109



MAT 4834

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

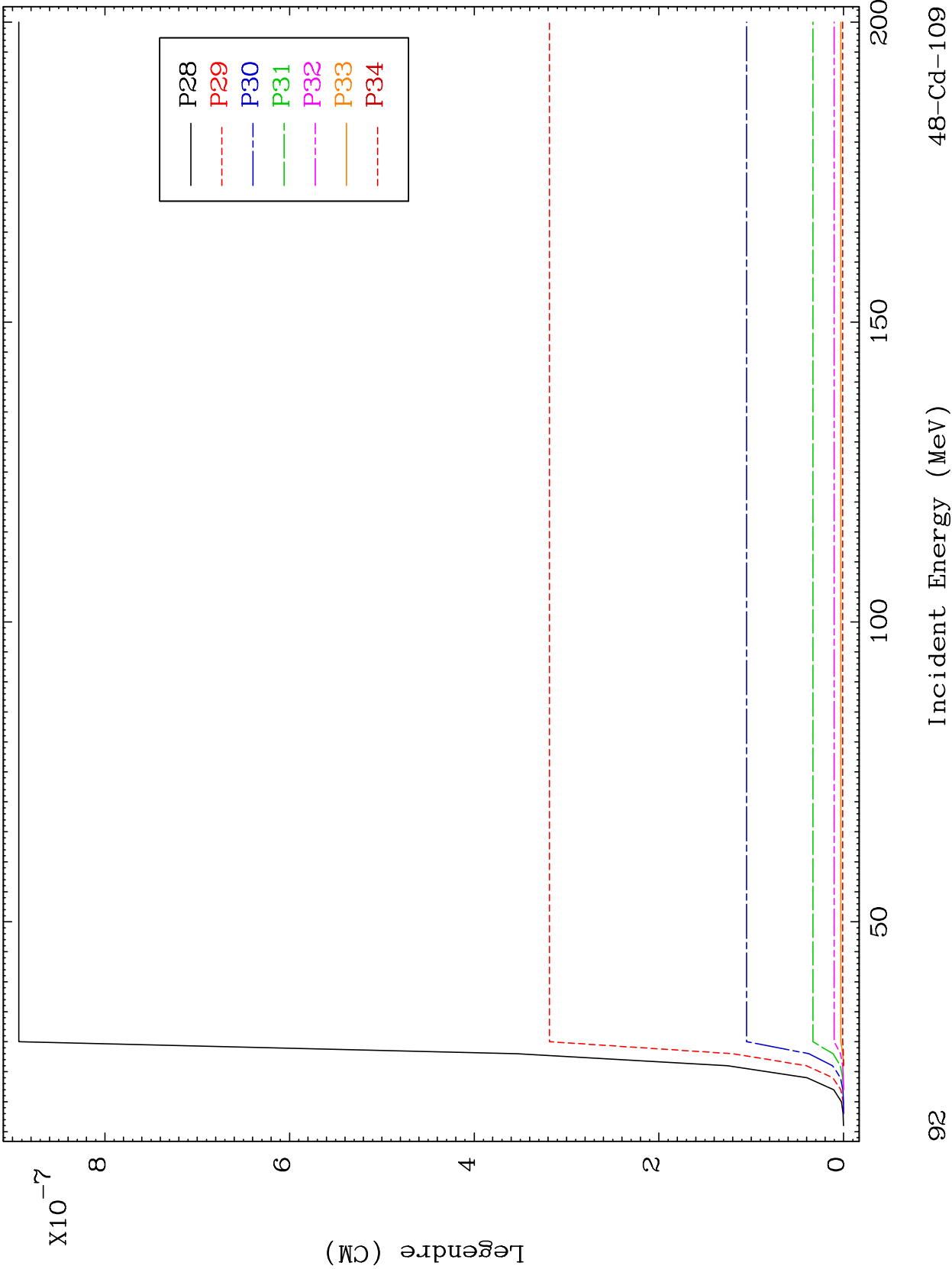
48-Cd-109



MAT 4834

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

48-Cd-109



92

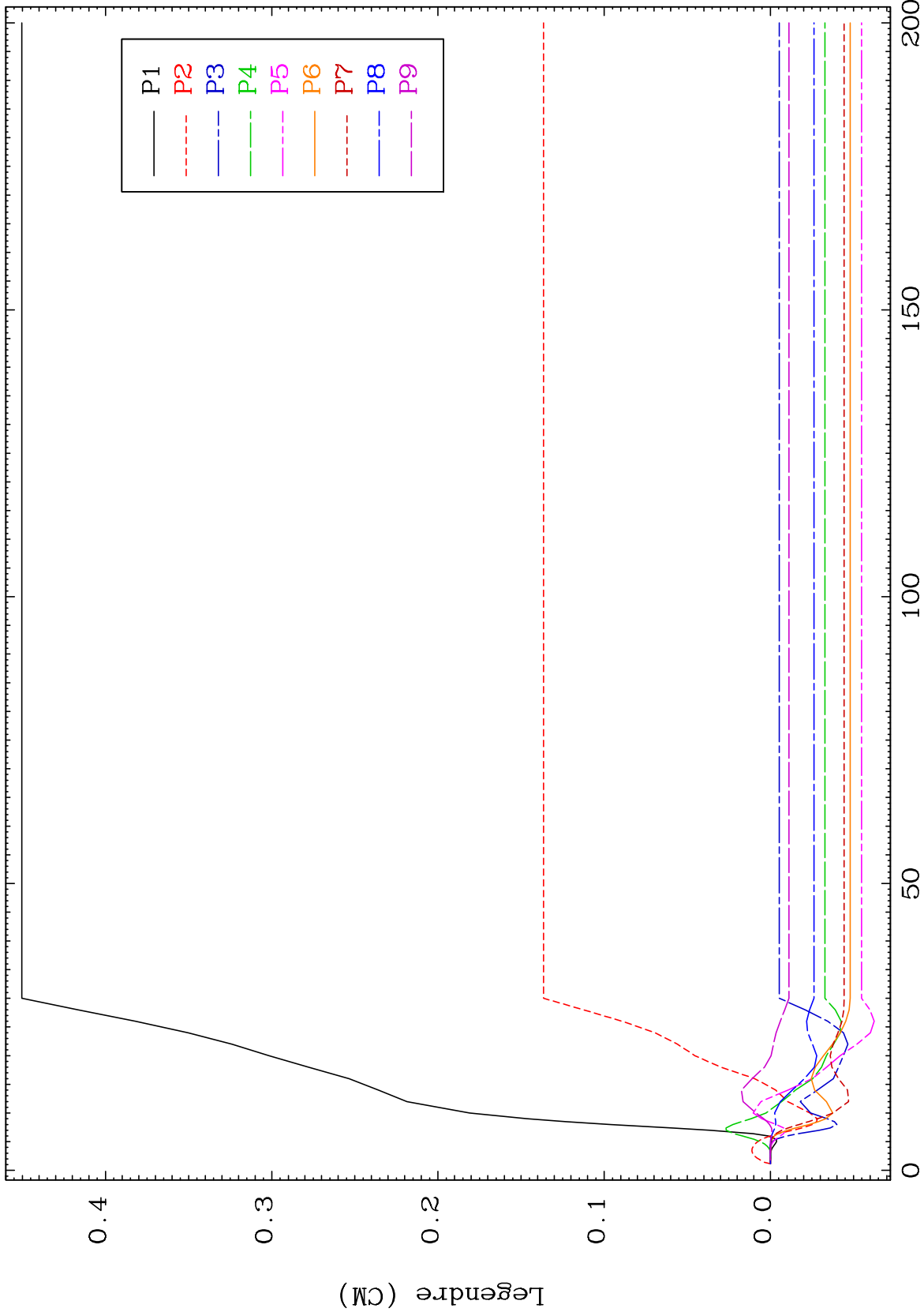
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



93

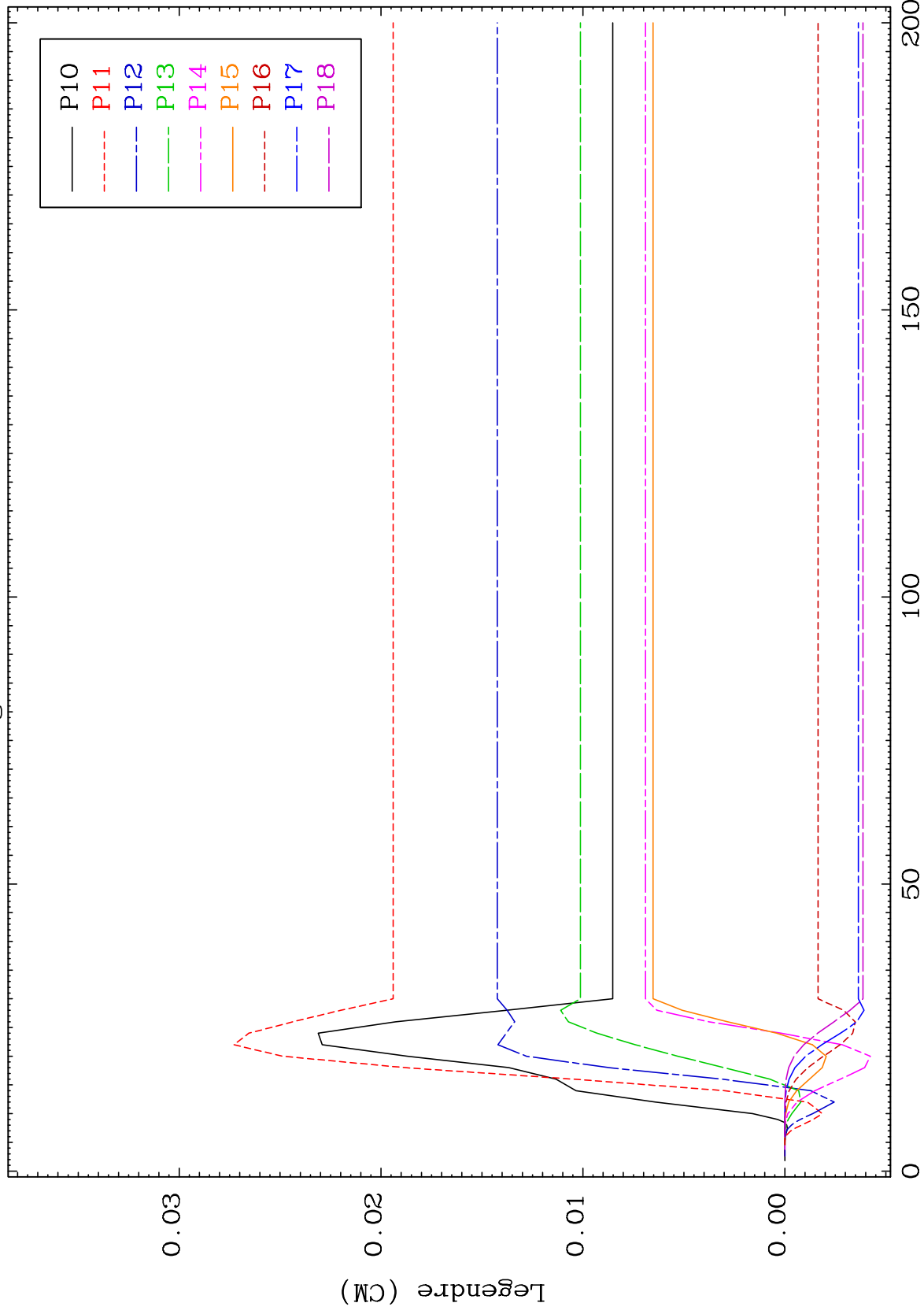
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



94

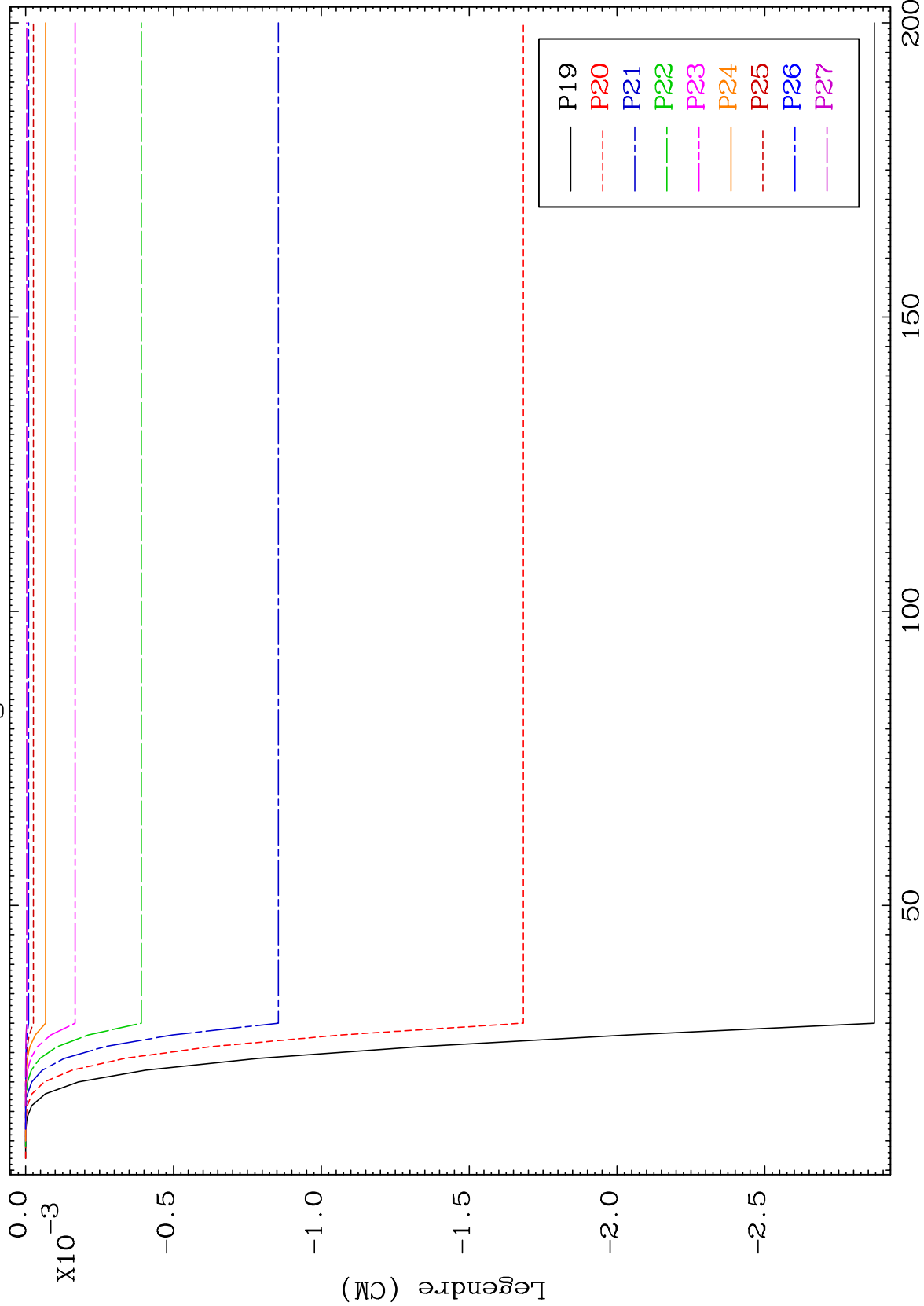
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



95

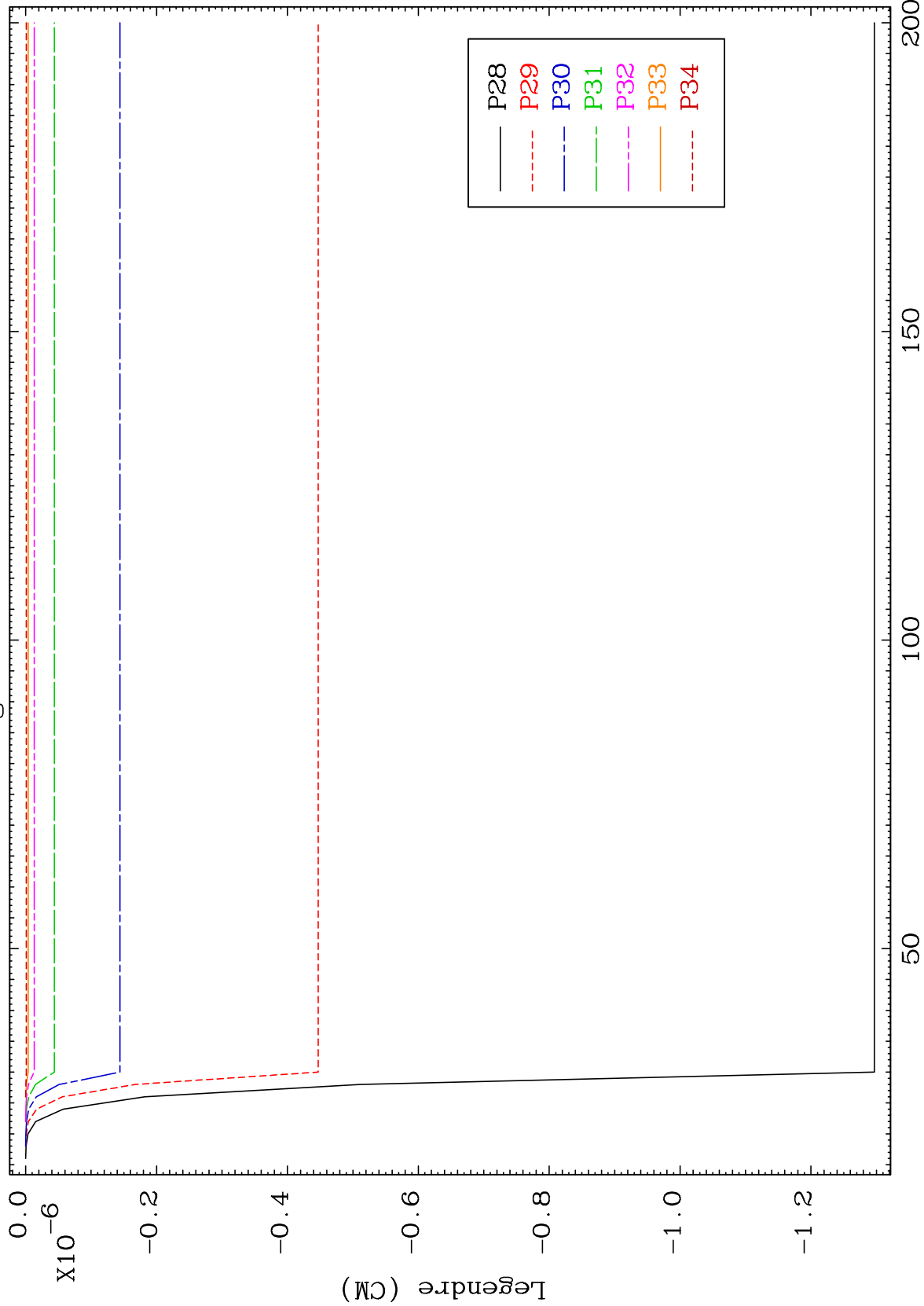
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



96

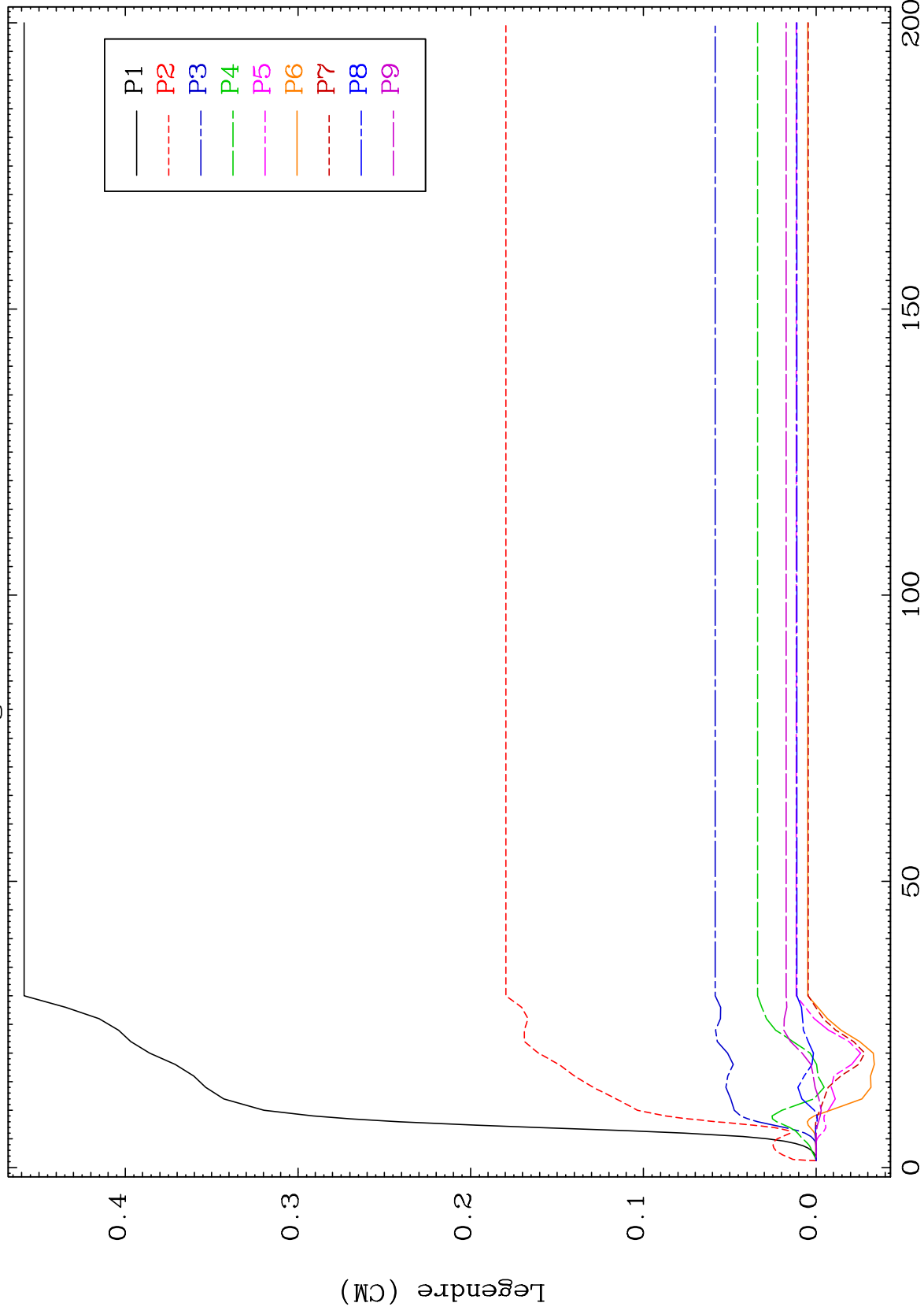
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



97

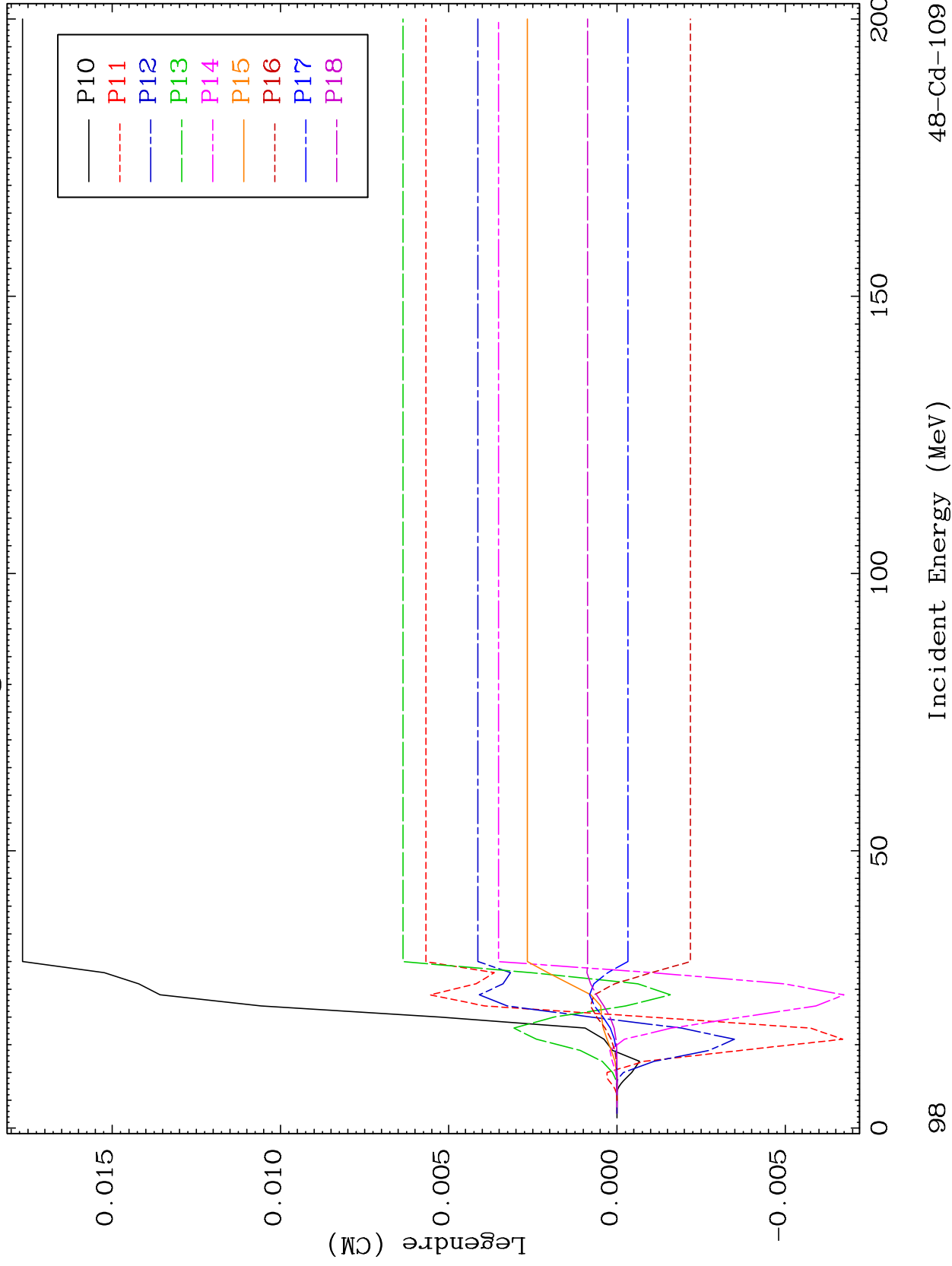
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



48-Cd-109

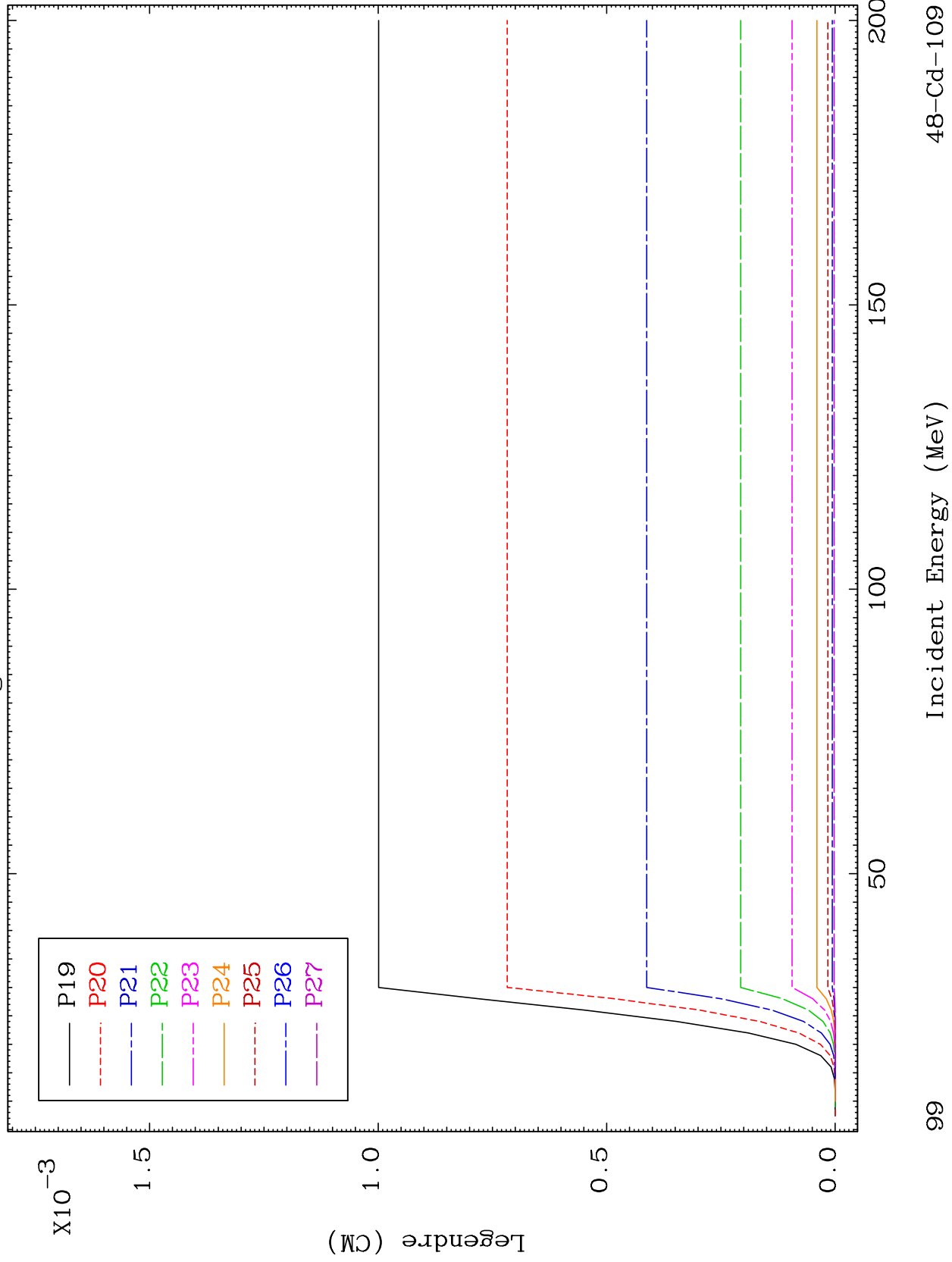
Incident Energy (MeV)

98

MAT 4834

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

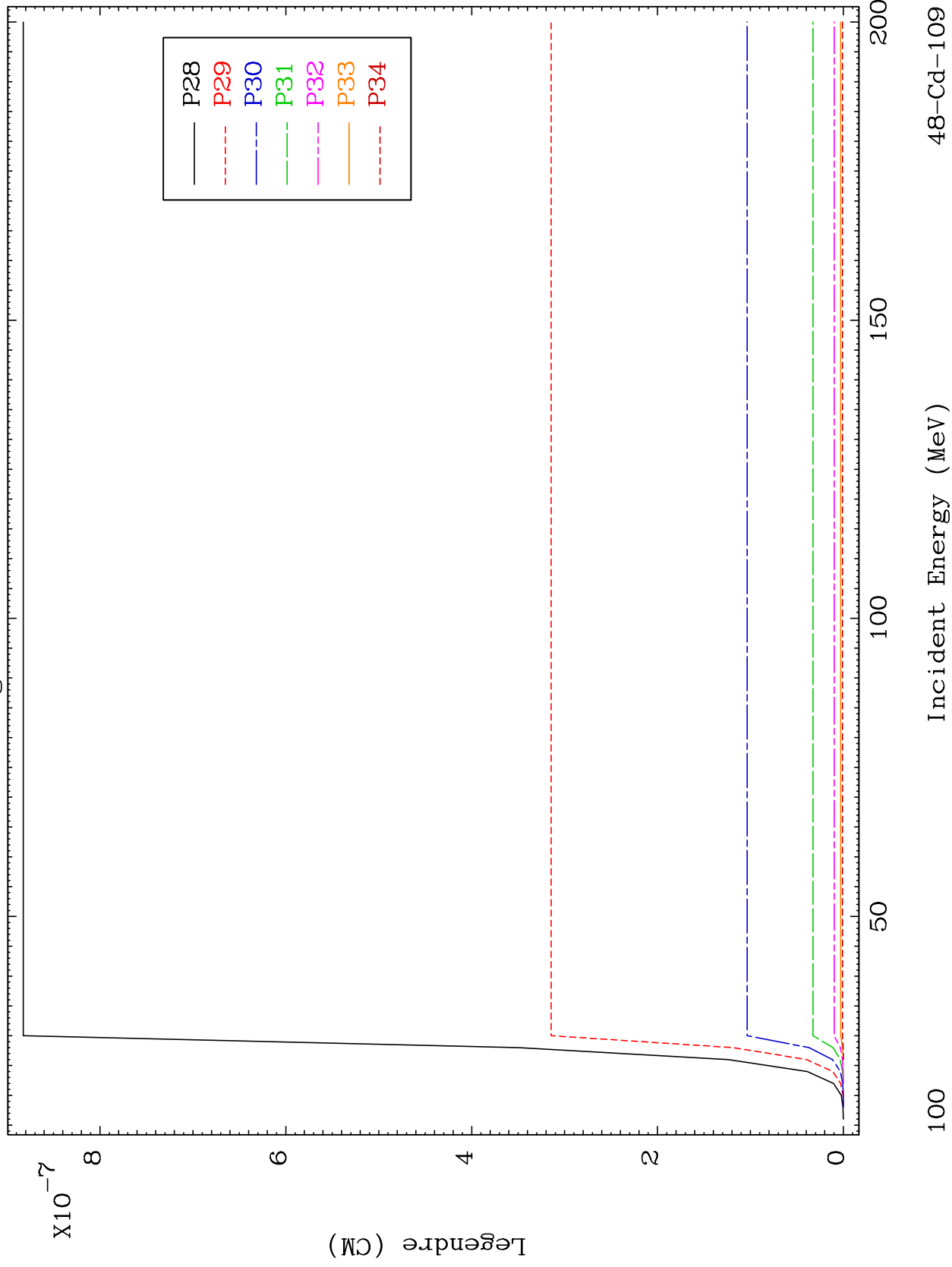
48-Cd-109



MAT 4834

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

48-Cd-109



48-Cd-109

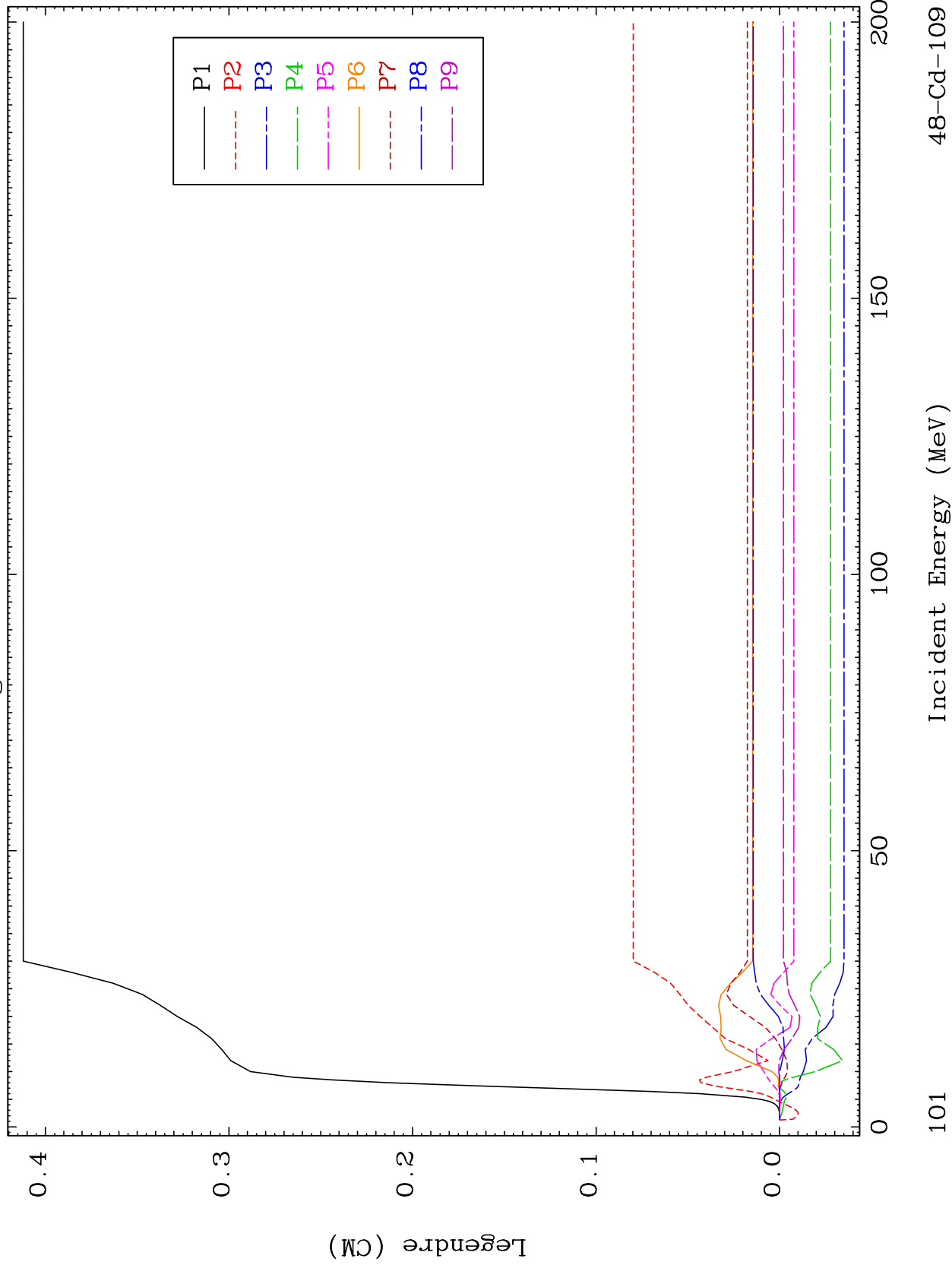
Incident Energy (MeV)

100

MAT 4834

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

48-Cd-109



48-Cd-109

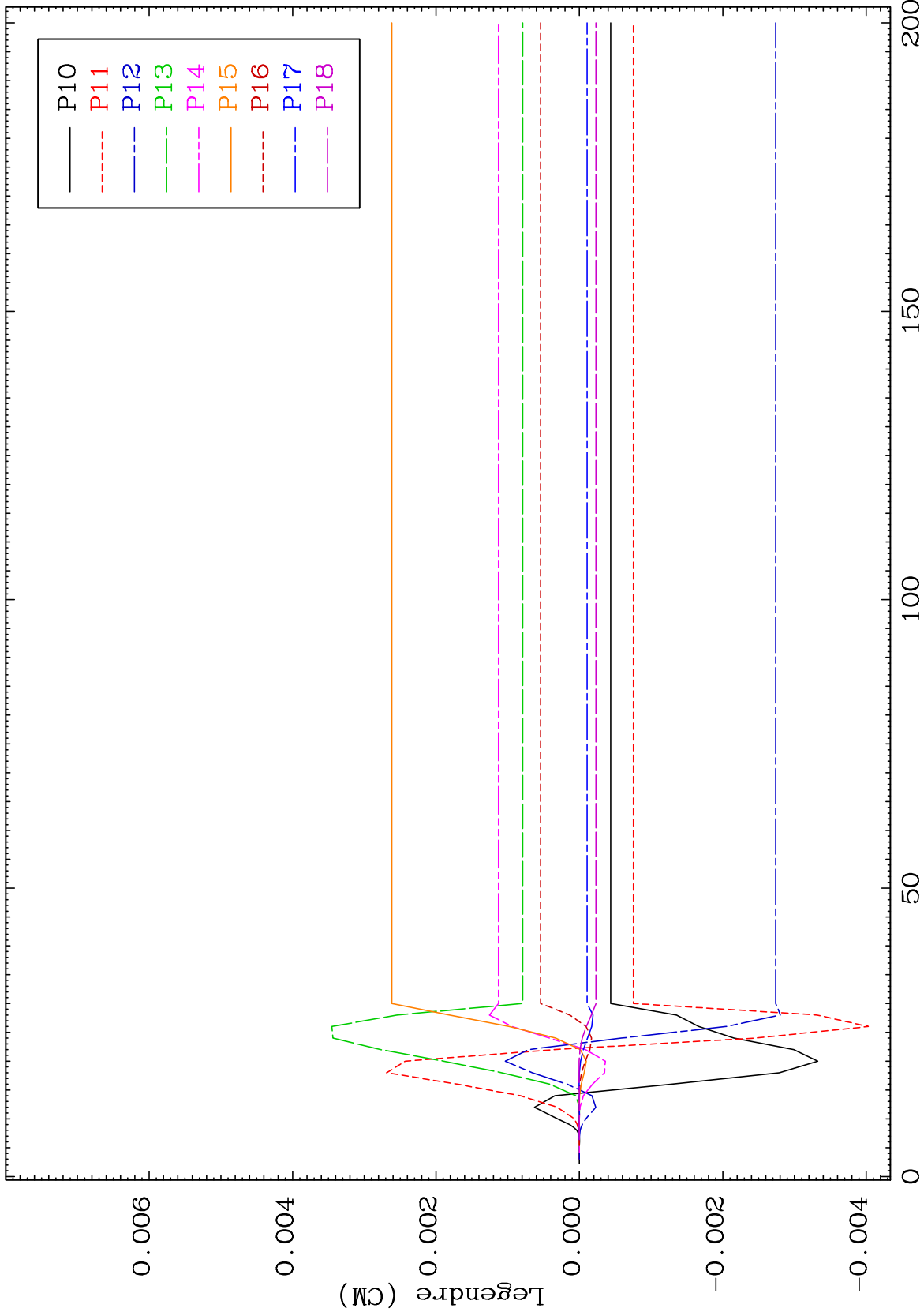
Incident Energy (MeV)

101

MAT 4834

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

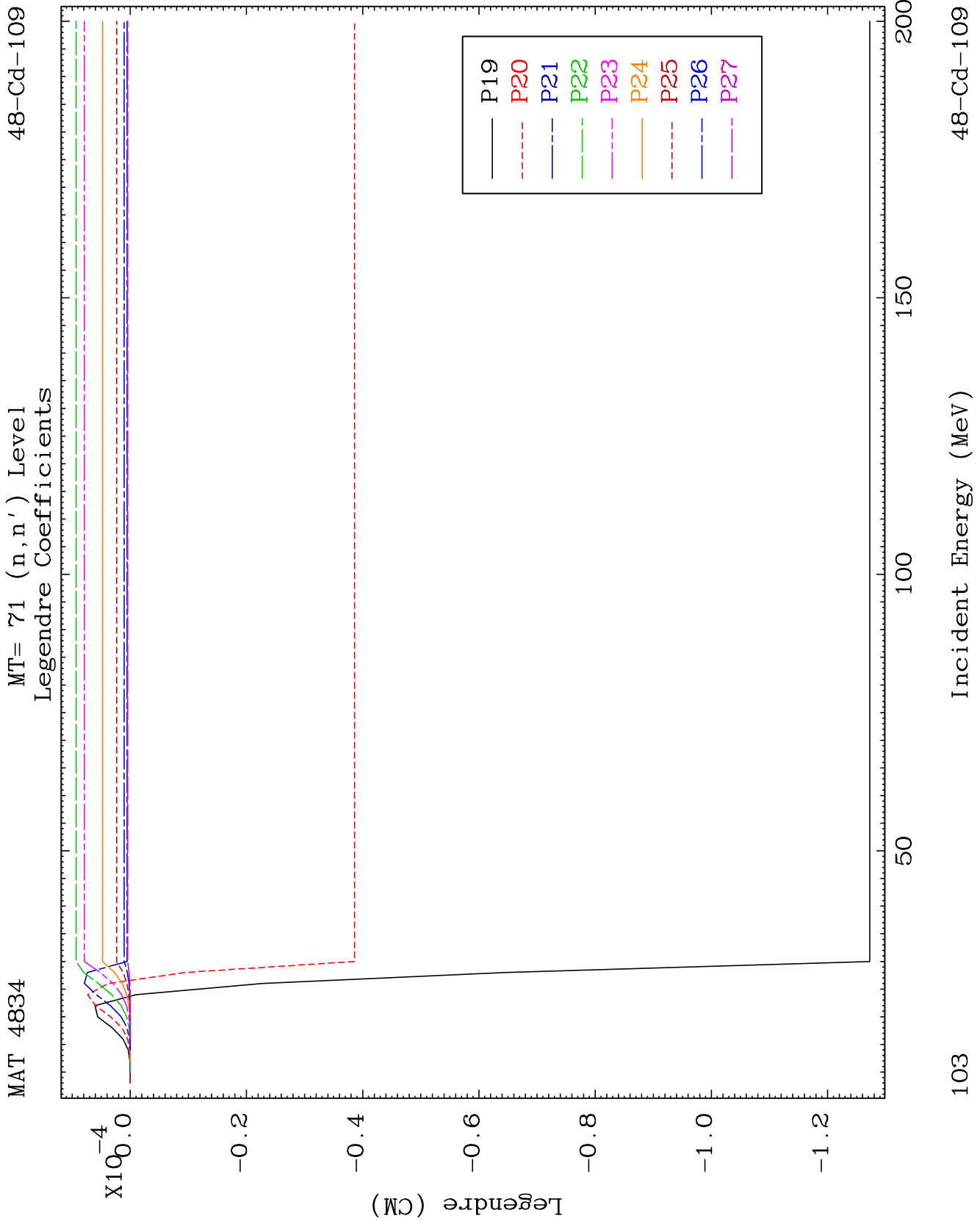
48-Cd-109



102

Incident Energy (MeV)

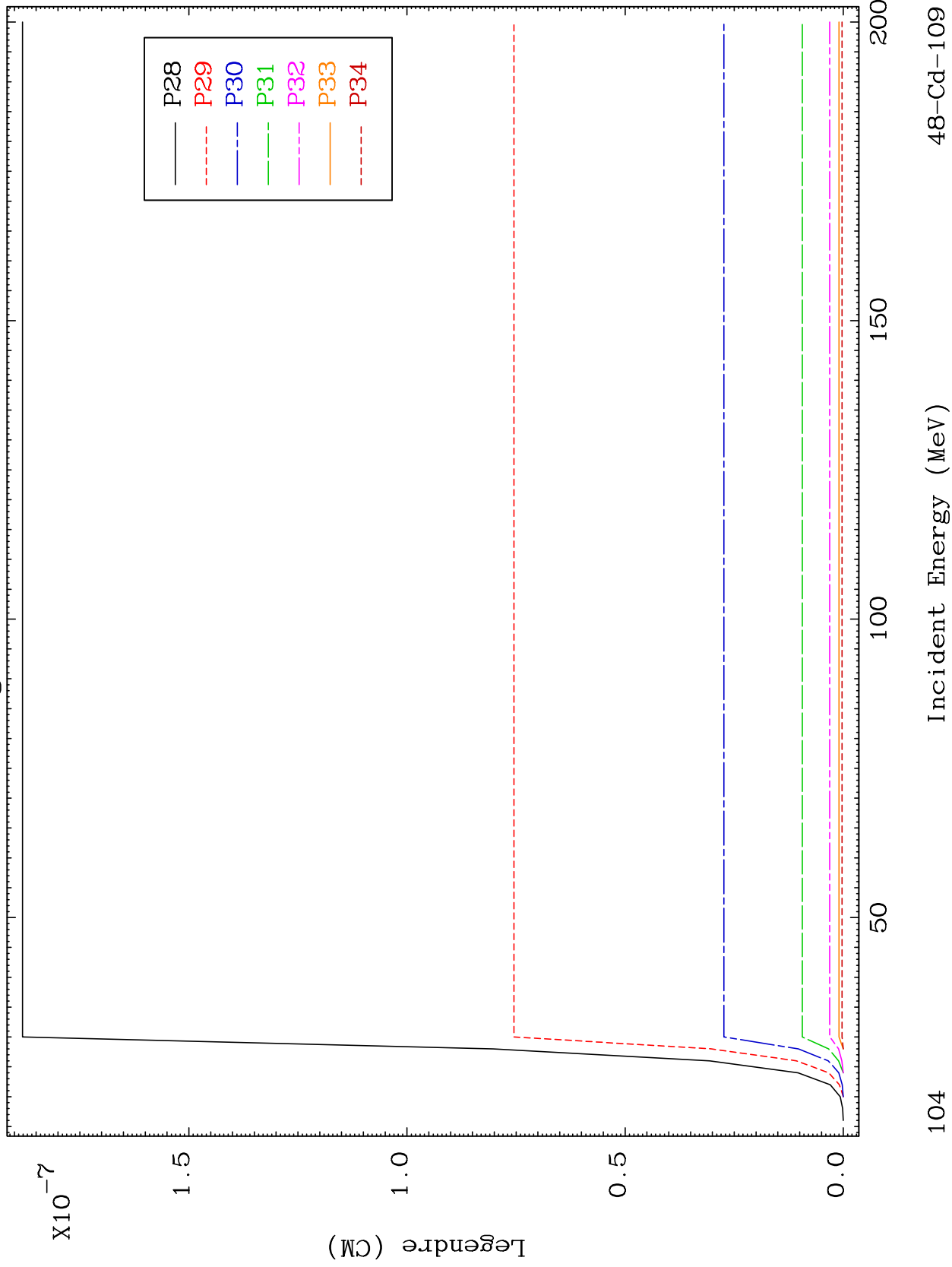
48-Cd-109



MAT 4834

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

48-Cd-109



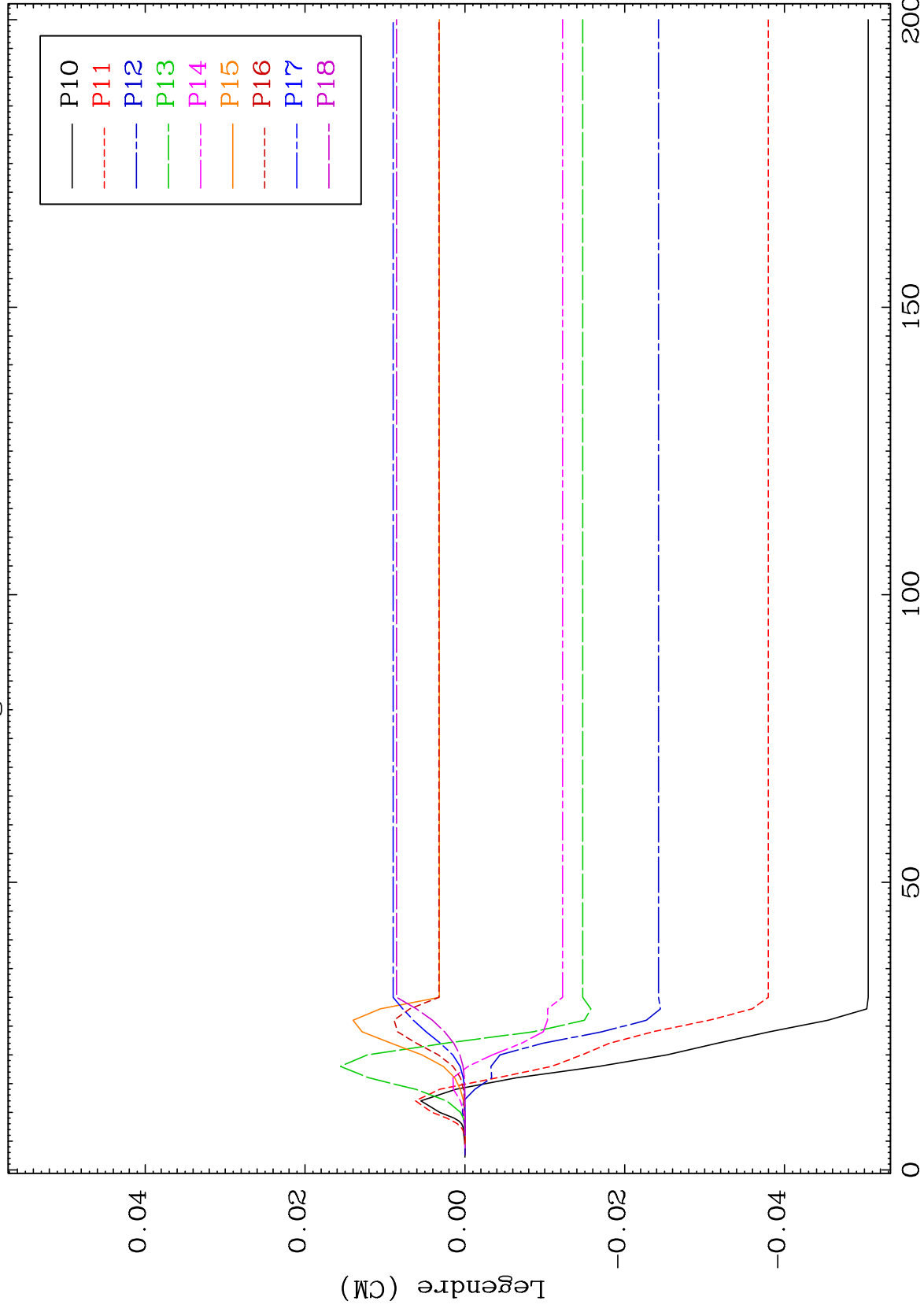
104



MAT 4834

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

48-Cd-109



106

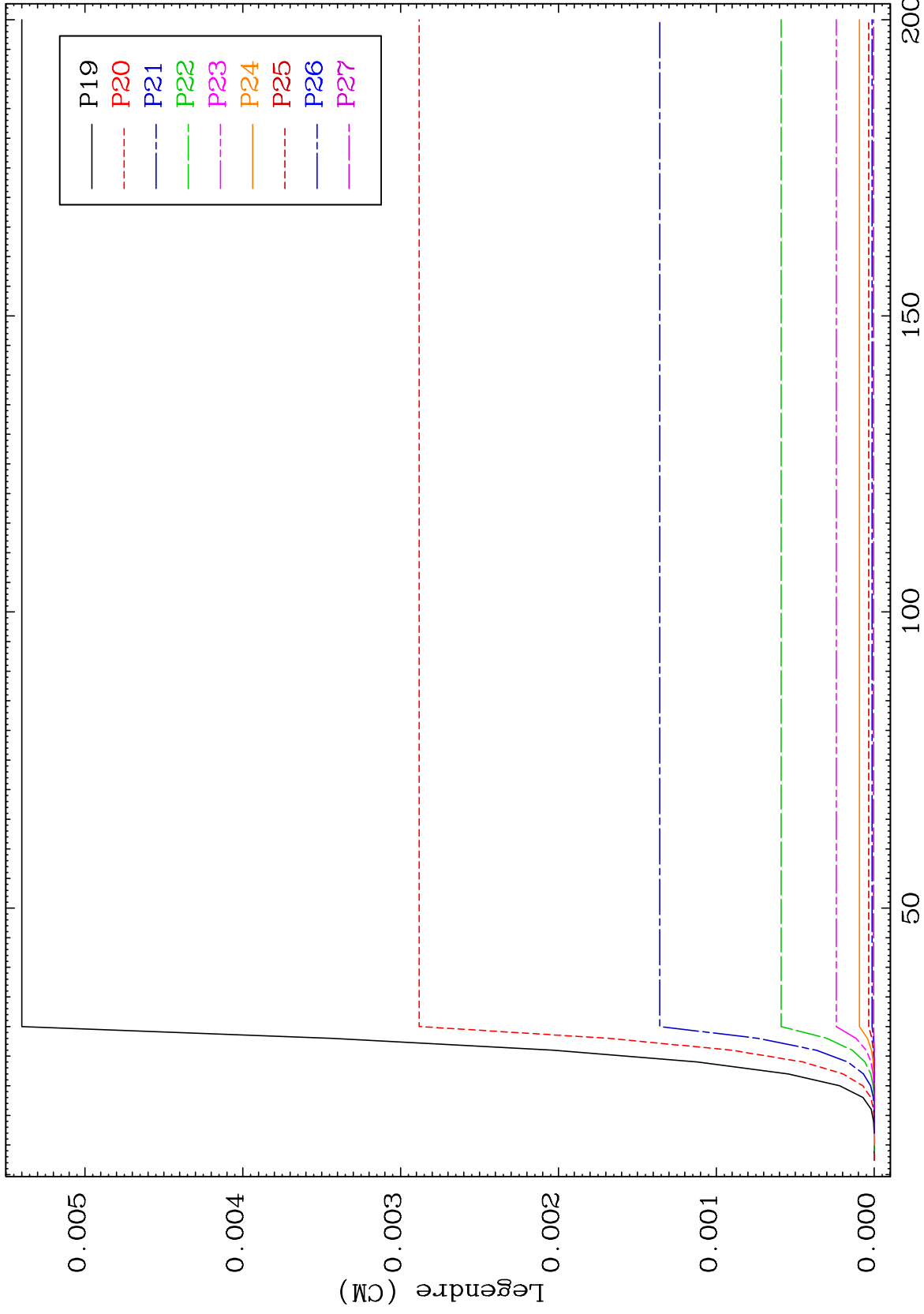
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



107

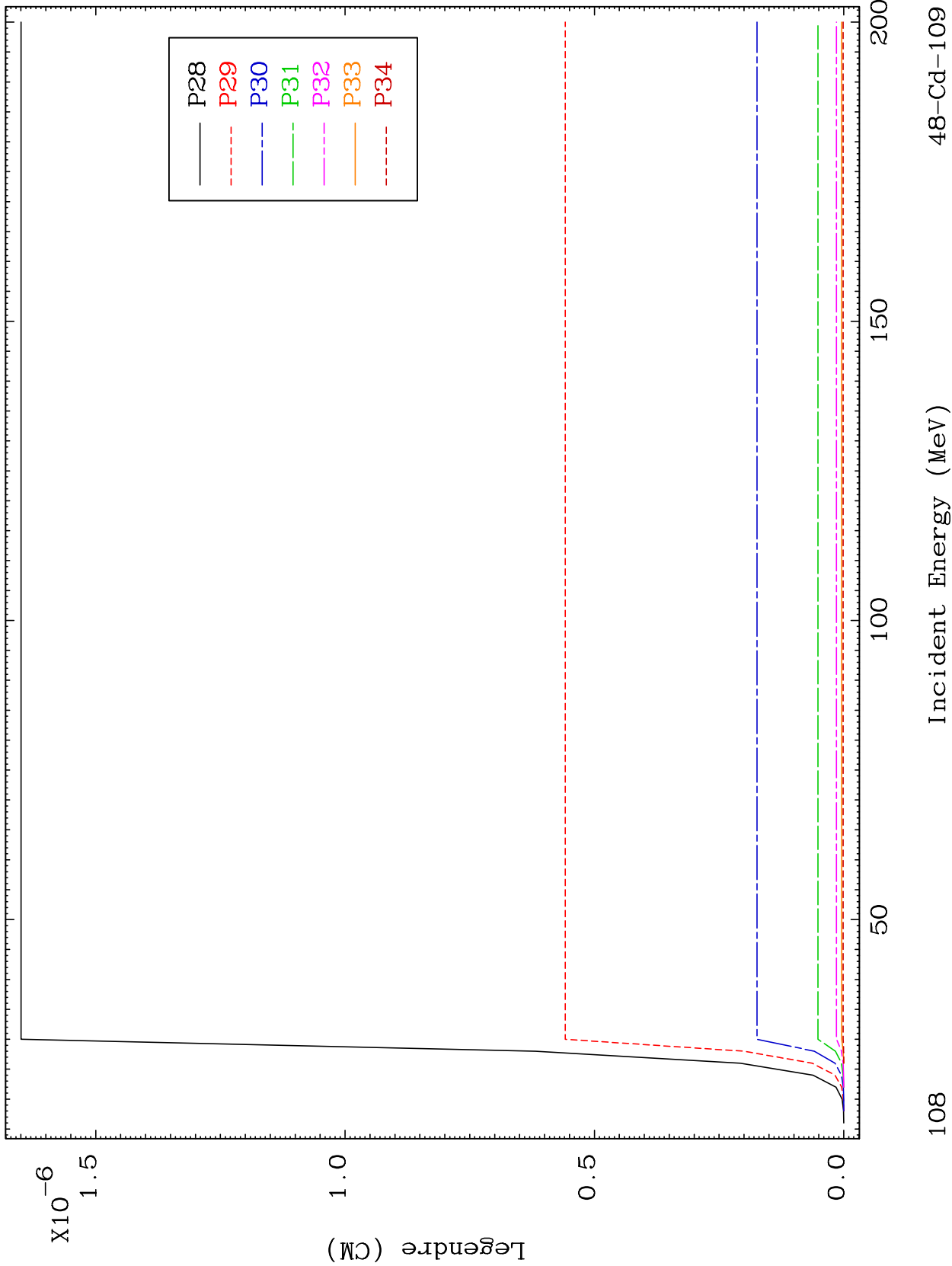
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



108

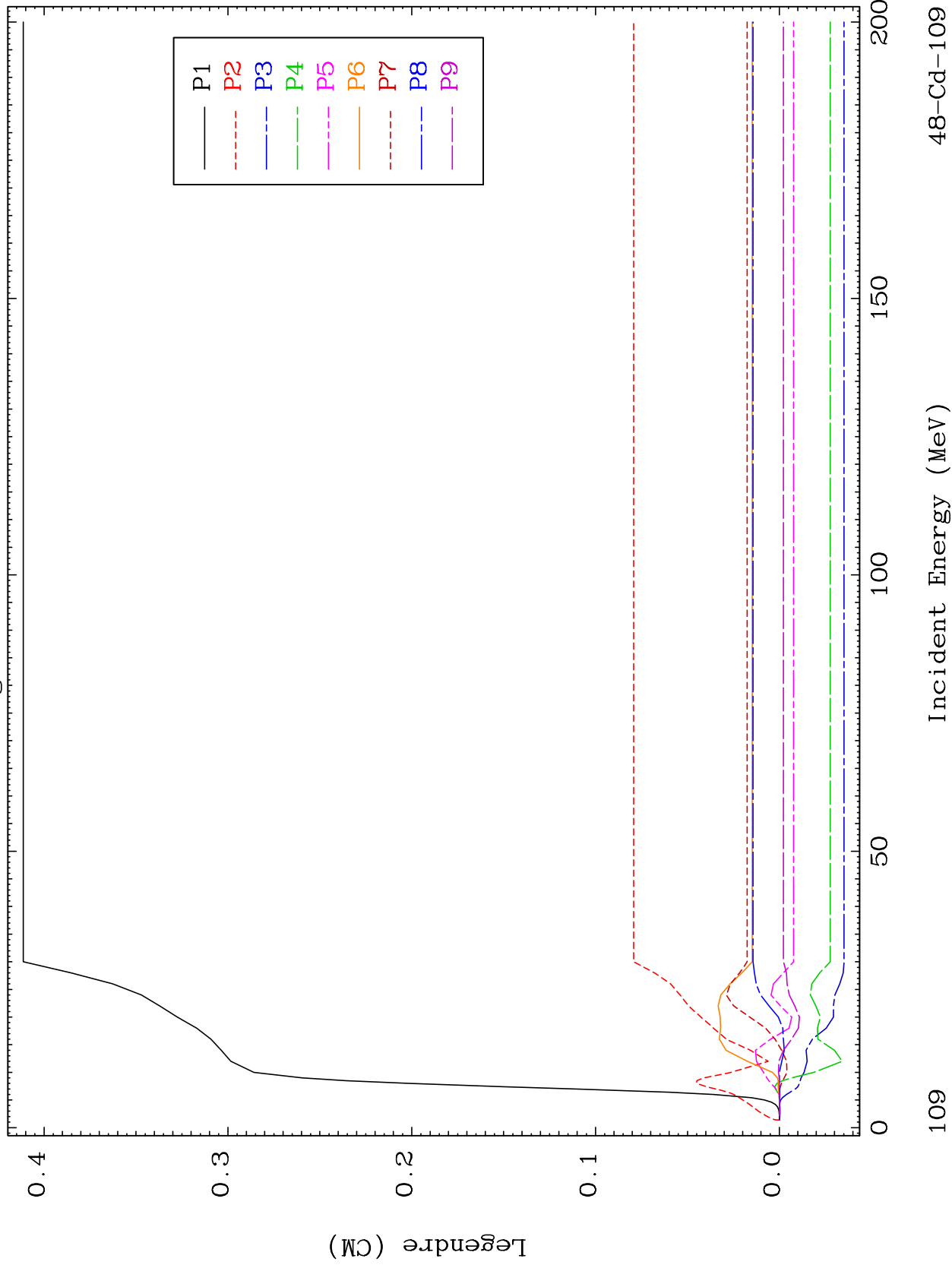
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



48-Cd-109

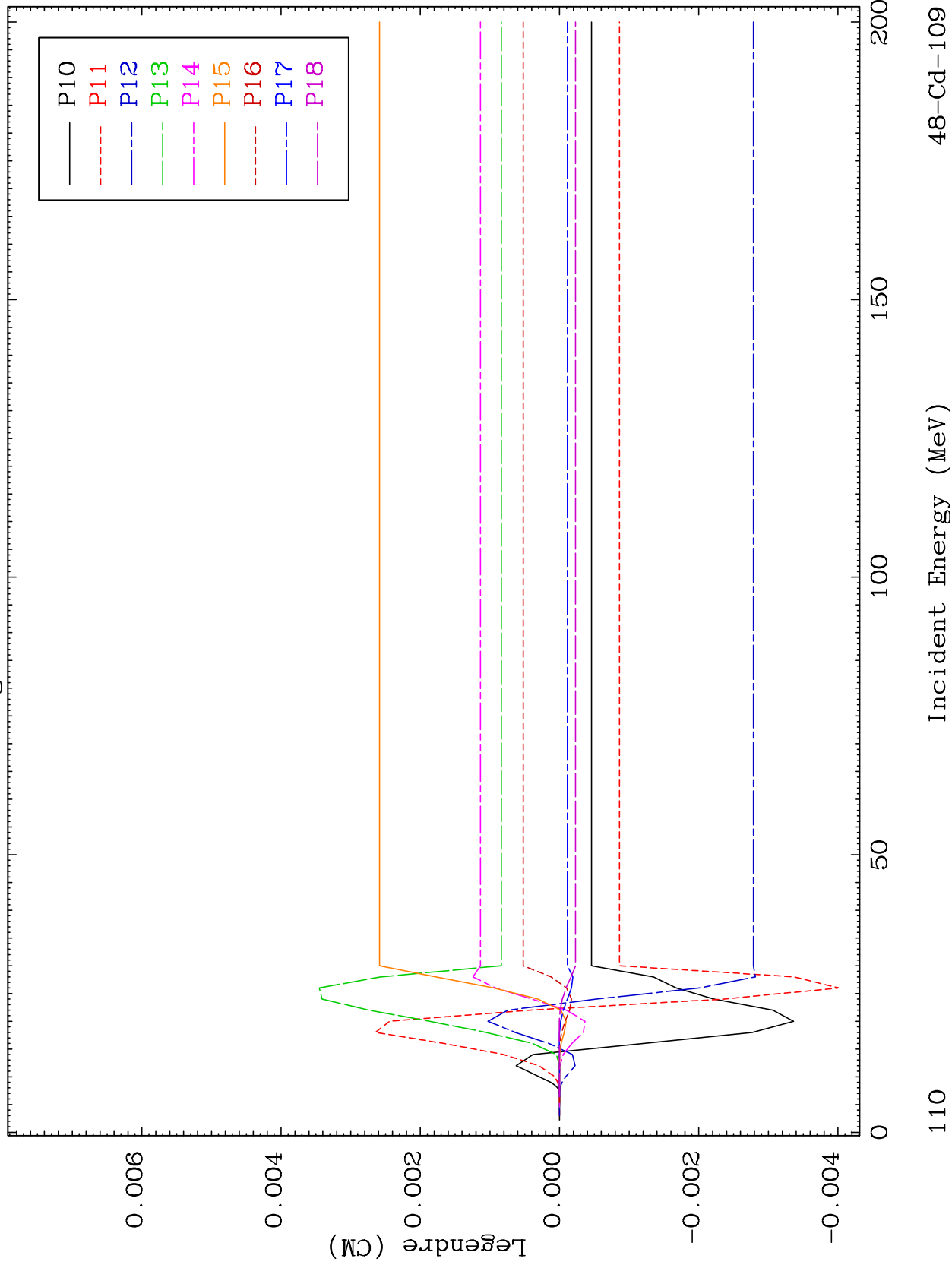
Incident Energy (MeV)

109

MAT 4834

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

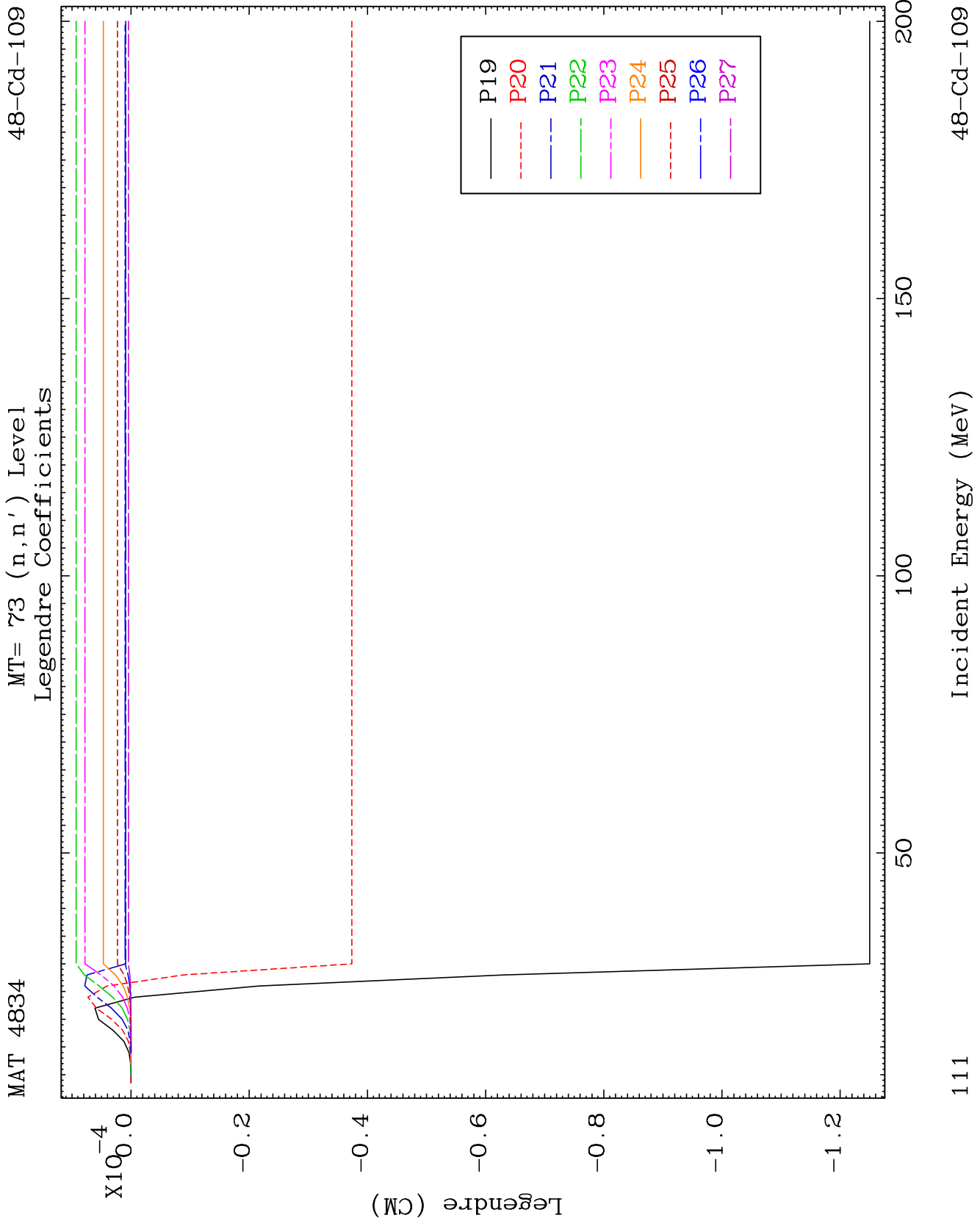
48-Cd-109



48-Cd-109

Incident Energy (MeV)

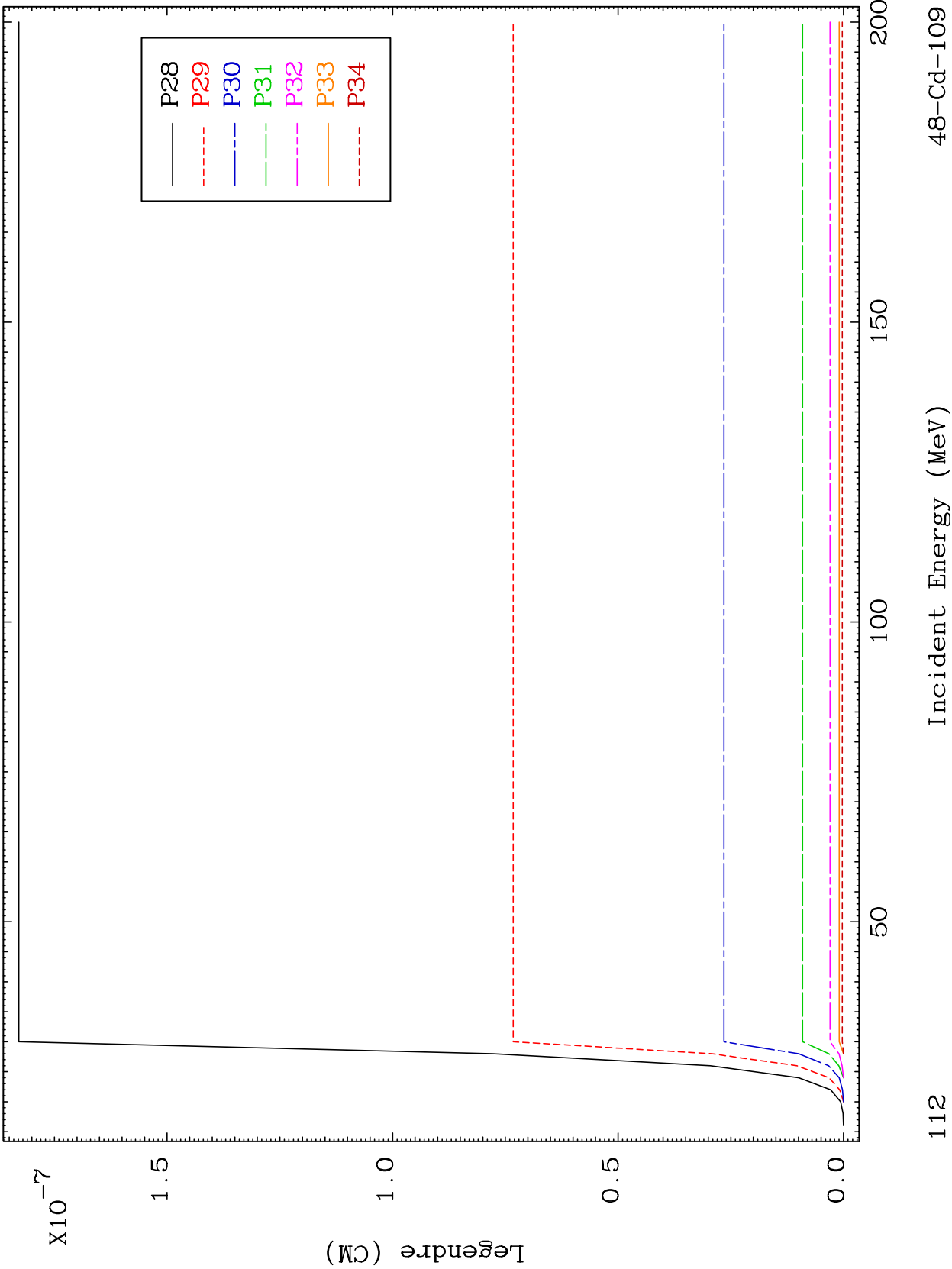
110



MAT 4834

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

48-Cd-109



112

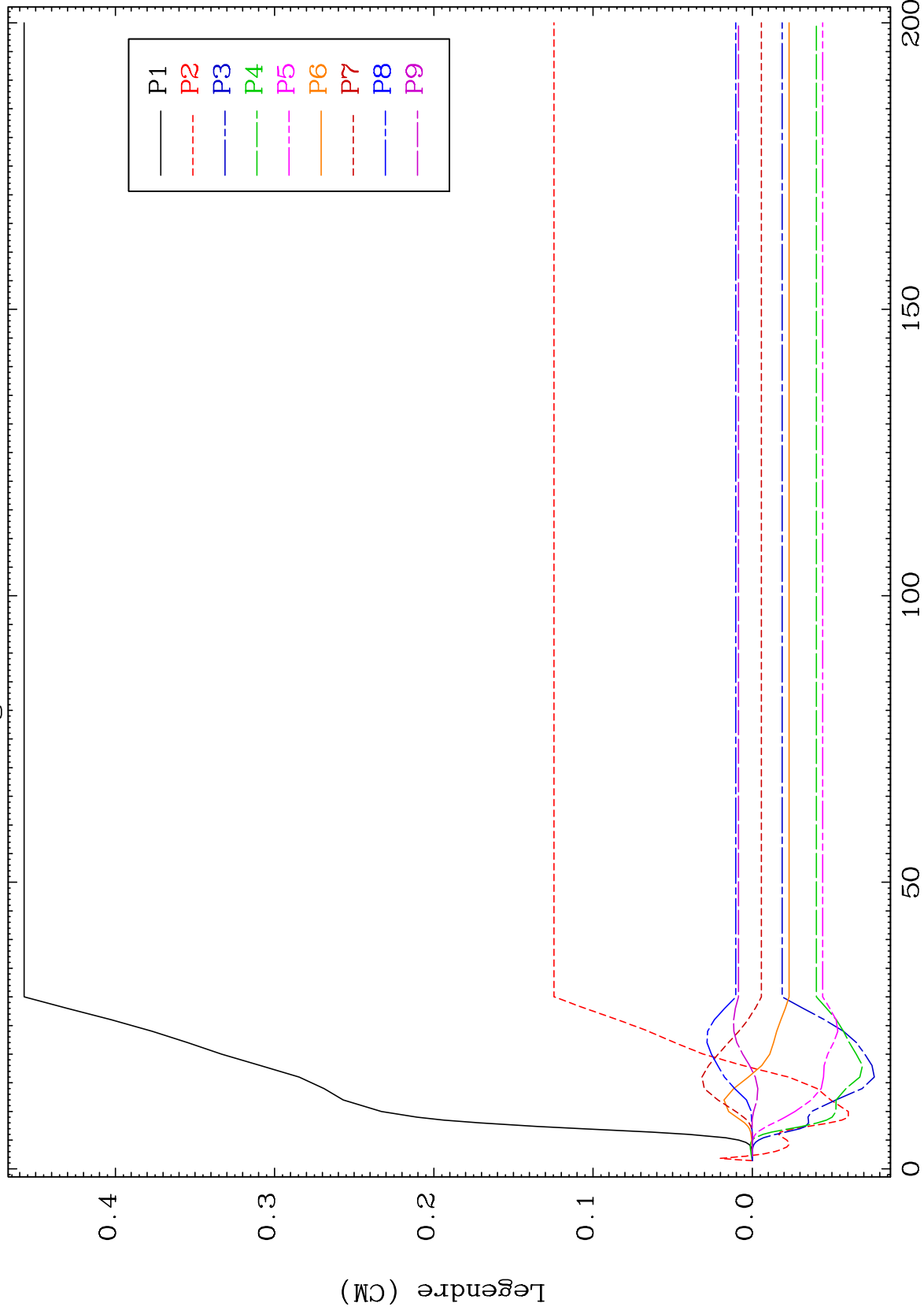
Incident Energy (MeV)

48-Cd-109

MAT 4834

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

48-Cd-109



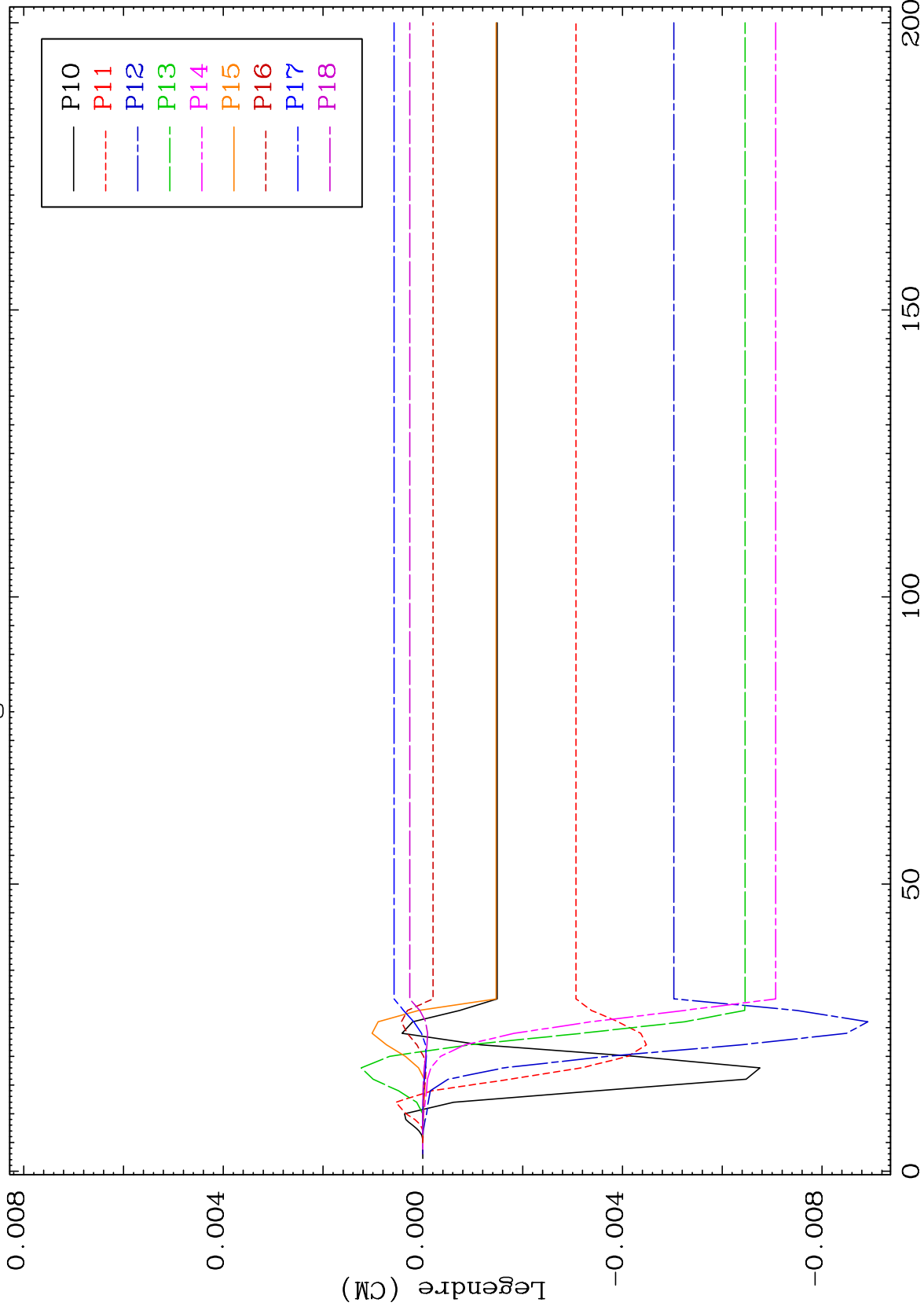
113

48-Cd-109

MAT 4834

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

48-Cd-109



114

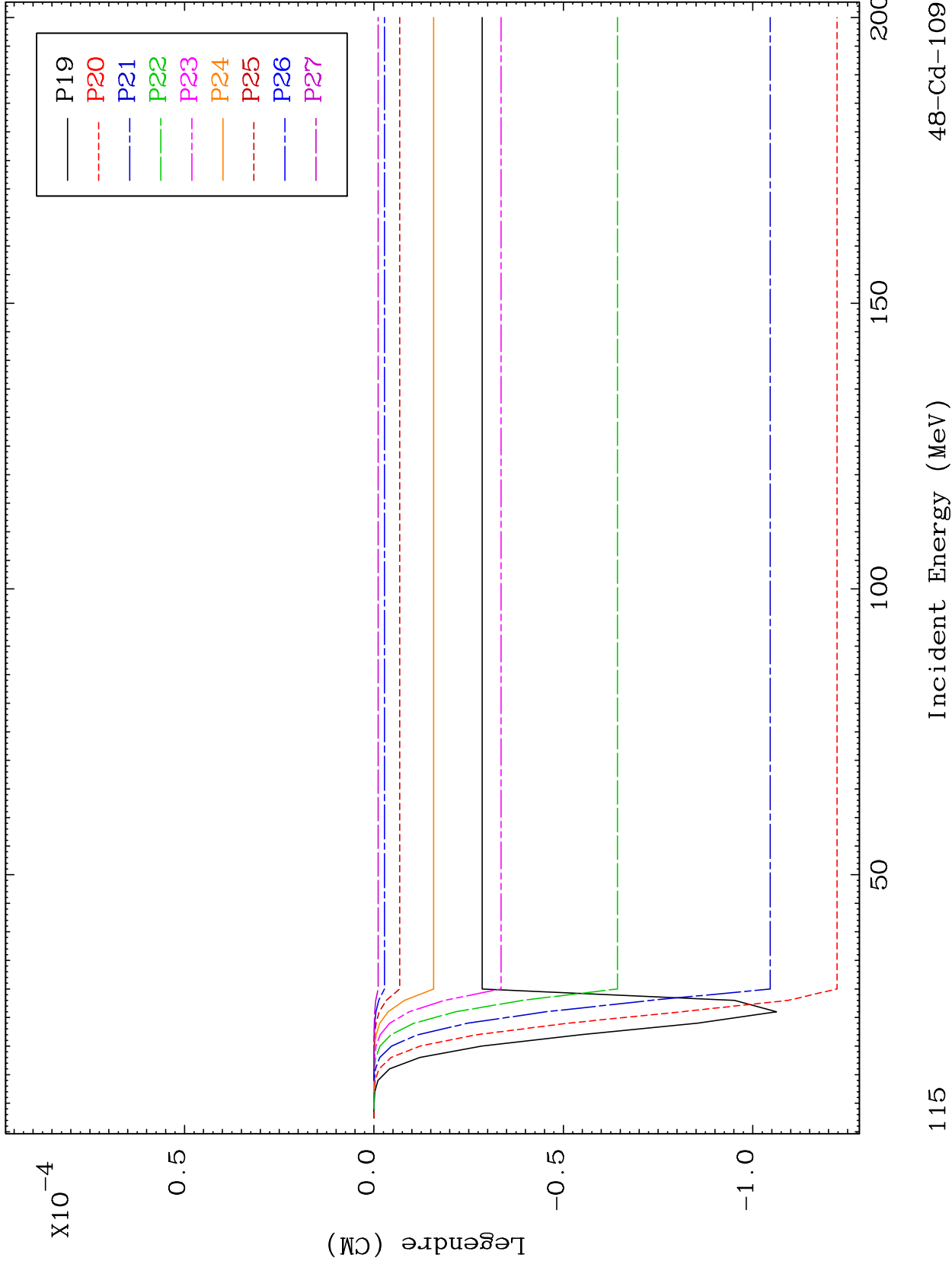
Incident Energy (MeV)

48-Cd-109

MAT 4834

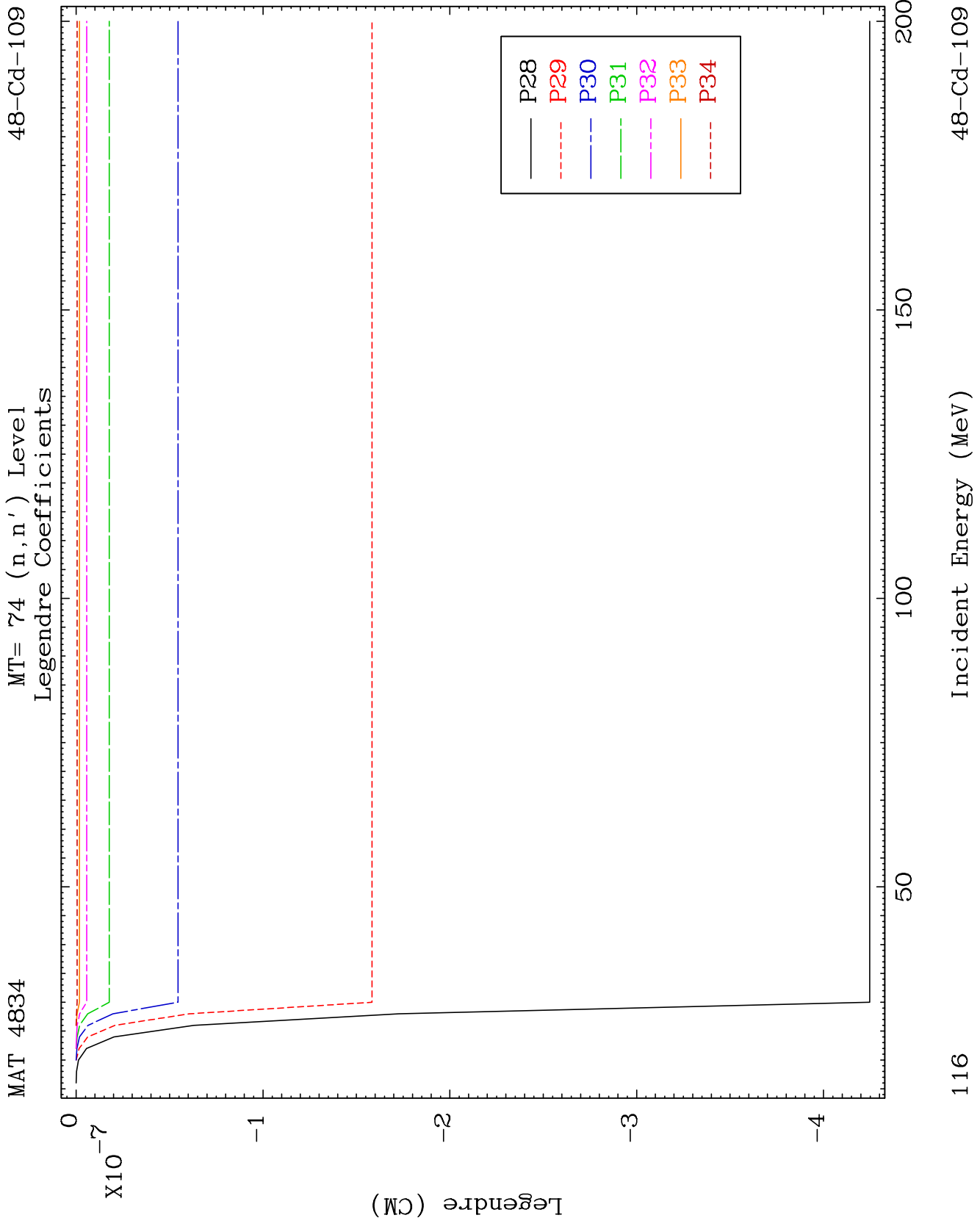
MT= 74 (n,n') Level  
Legendre Coefficients

48-Cd-109



115

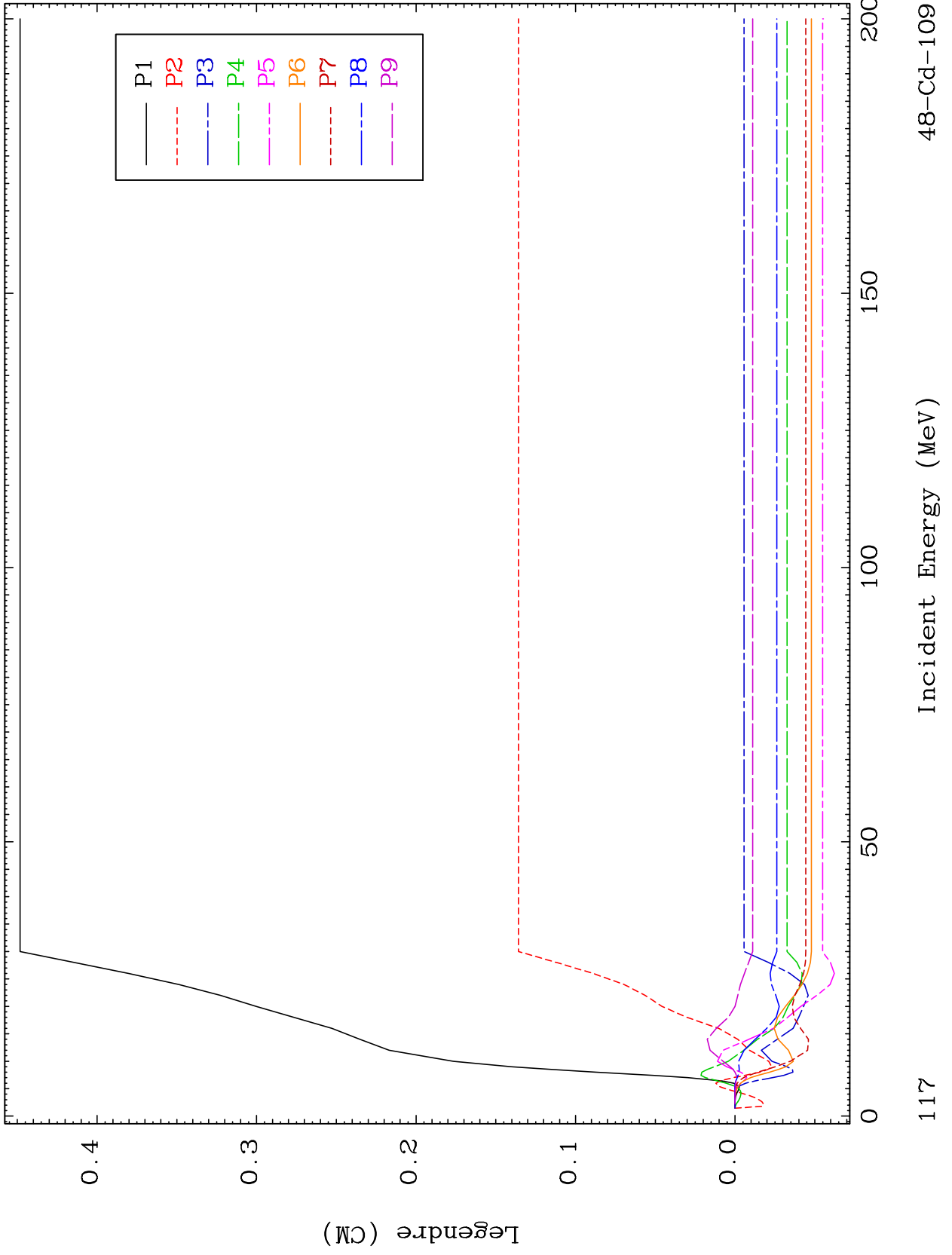
48-Cd-109



MAT 4834

MT= 75 (n,n') Level  
Legendre Coefficients

48-Cd-109



117

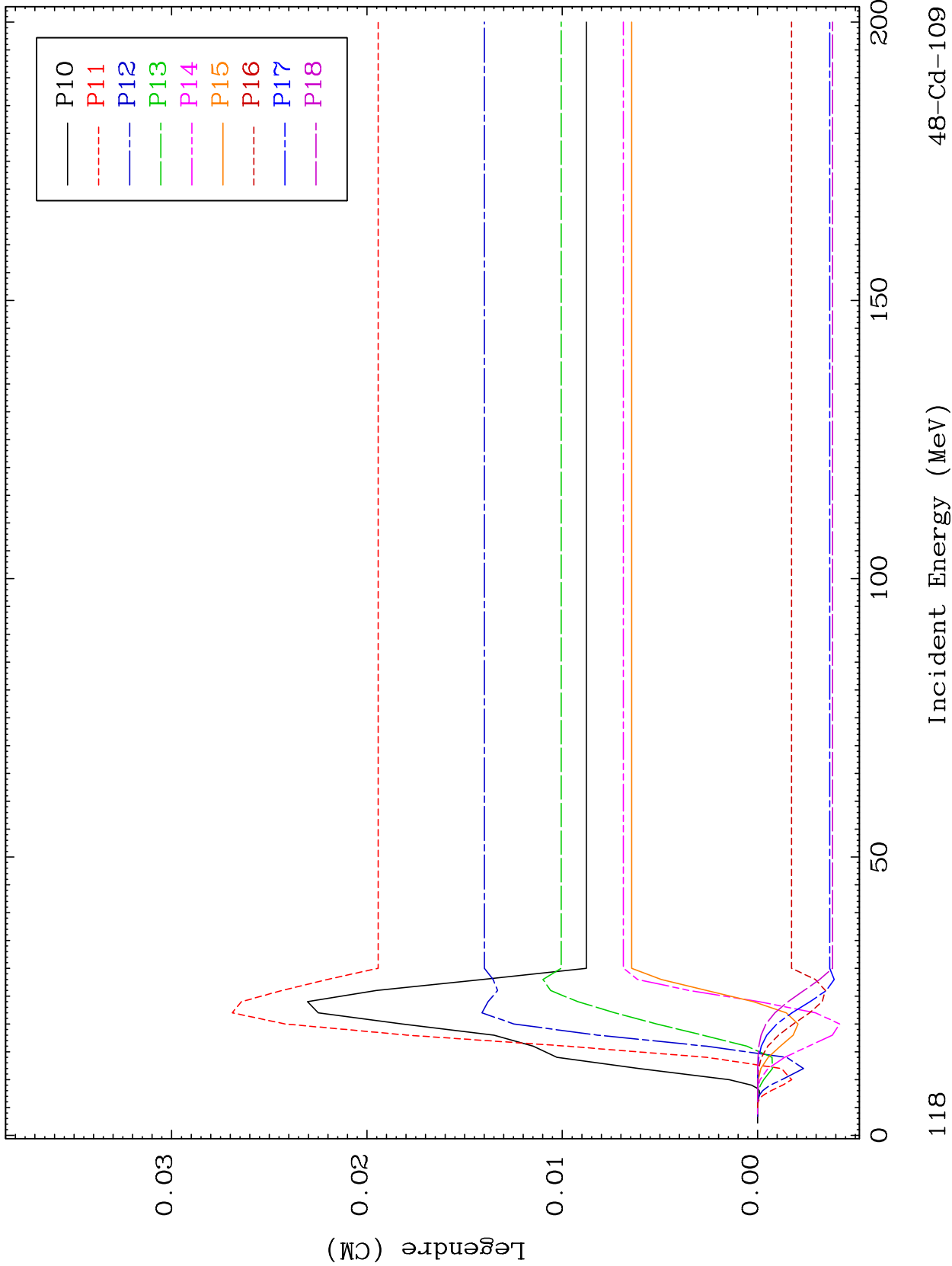
Incident Energy (MeV)

48-Cd-109

MAT 4834

MT= 75 (n,n') Level  
Legendre Coefficients

48-Cd-109



118

Incident Energy (MeV)

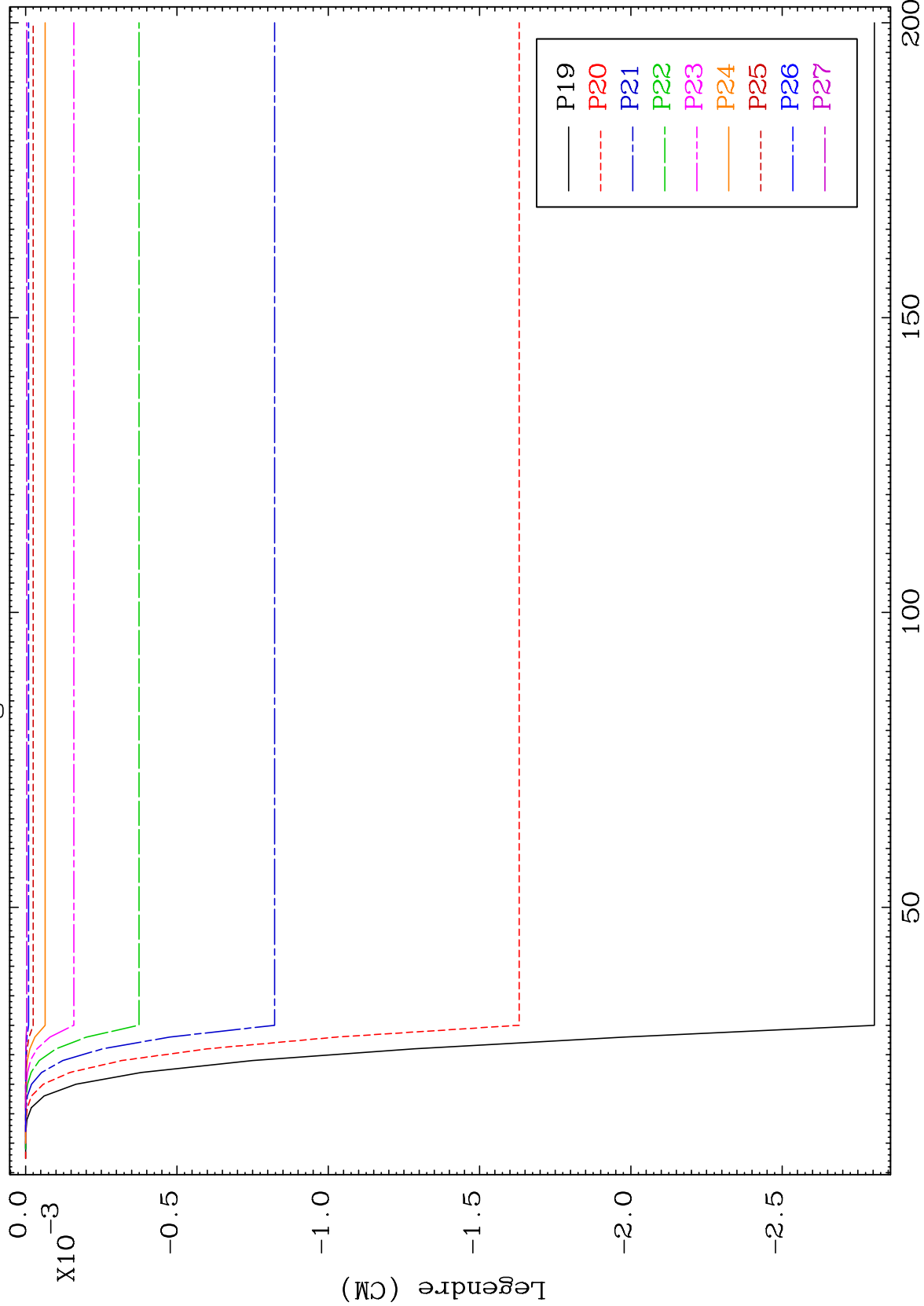
48-Cd-109

MAT 4834

MT= 75 (n,n') Level

48-Cd-109

Legendre Coefficients



119

Incident Energy (MeV)

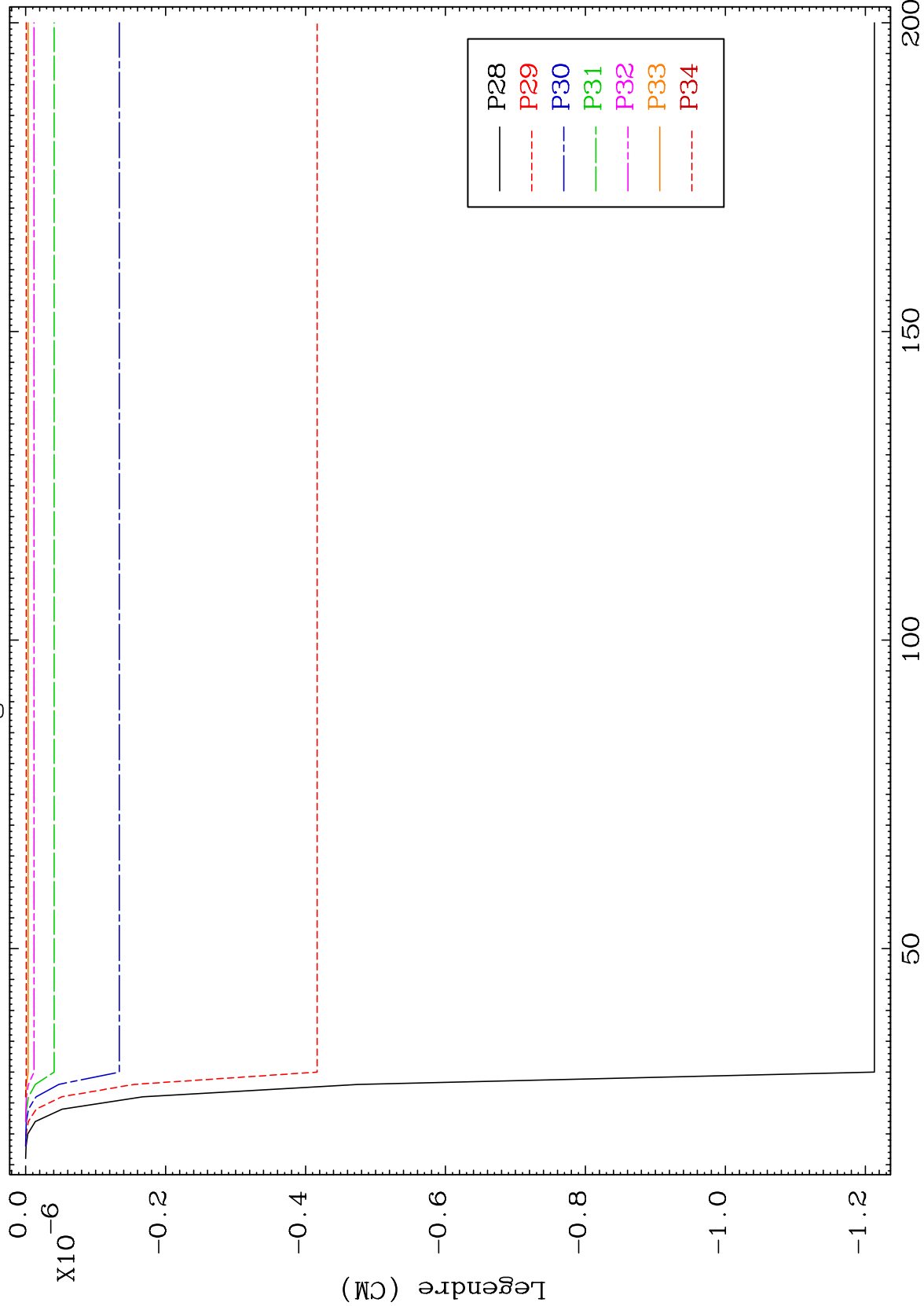
48-Cd-109

MAT 4834

MT= 75 (n,n') Level

48-Cd-109

Legendre Coefficients



120

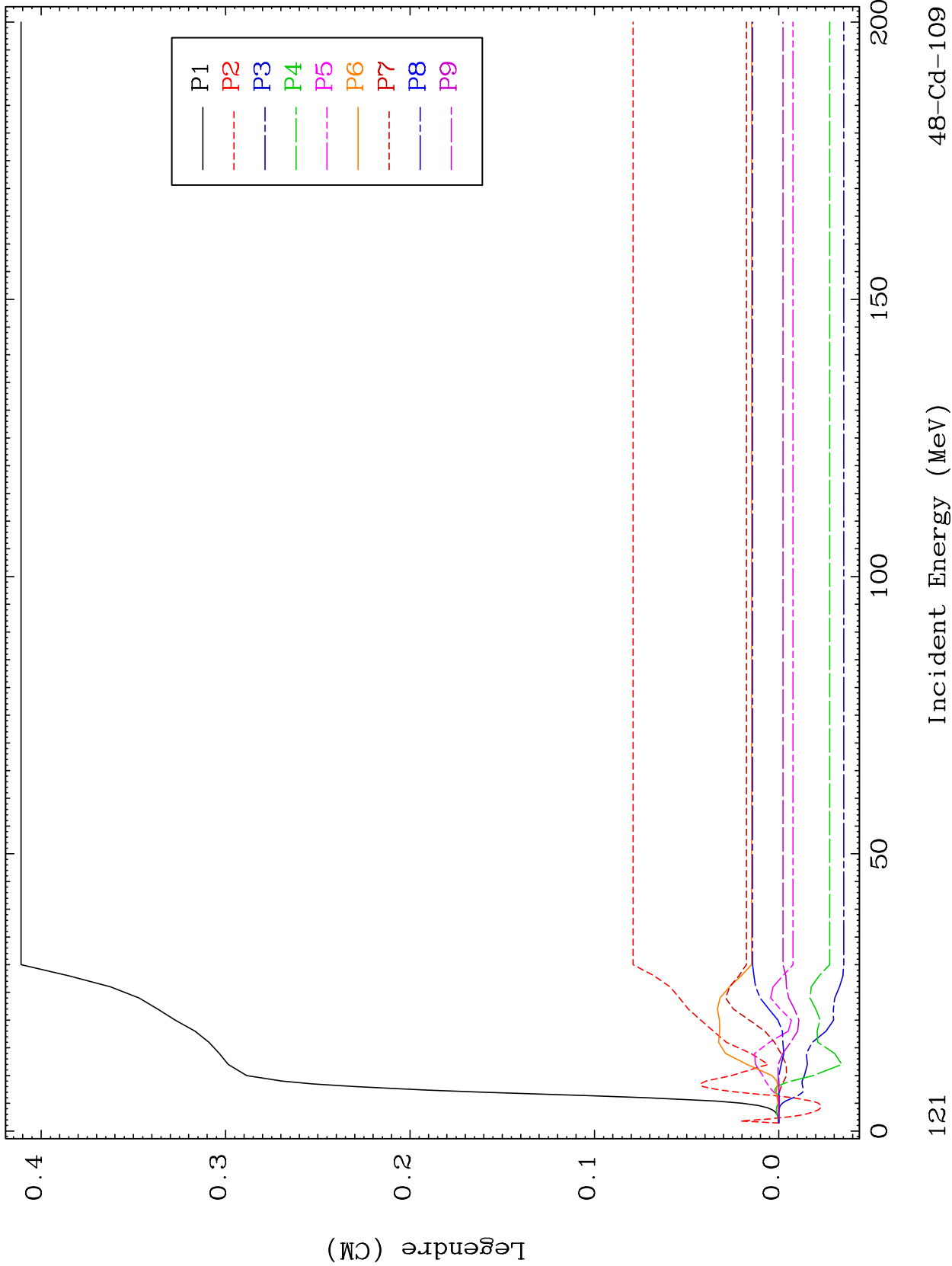
Incident Energy (MeV)

48-Cd-109

MAT 4834

MT= 76 (n,n') Level  
Legendre Coefficients

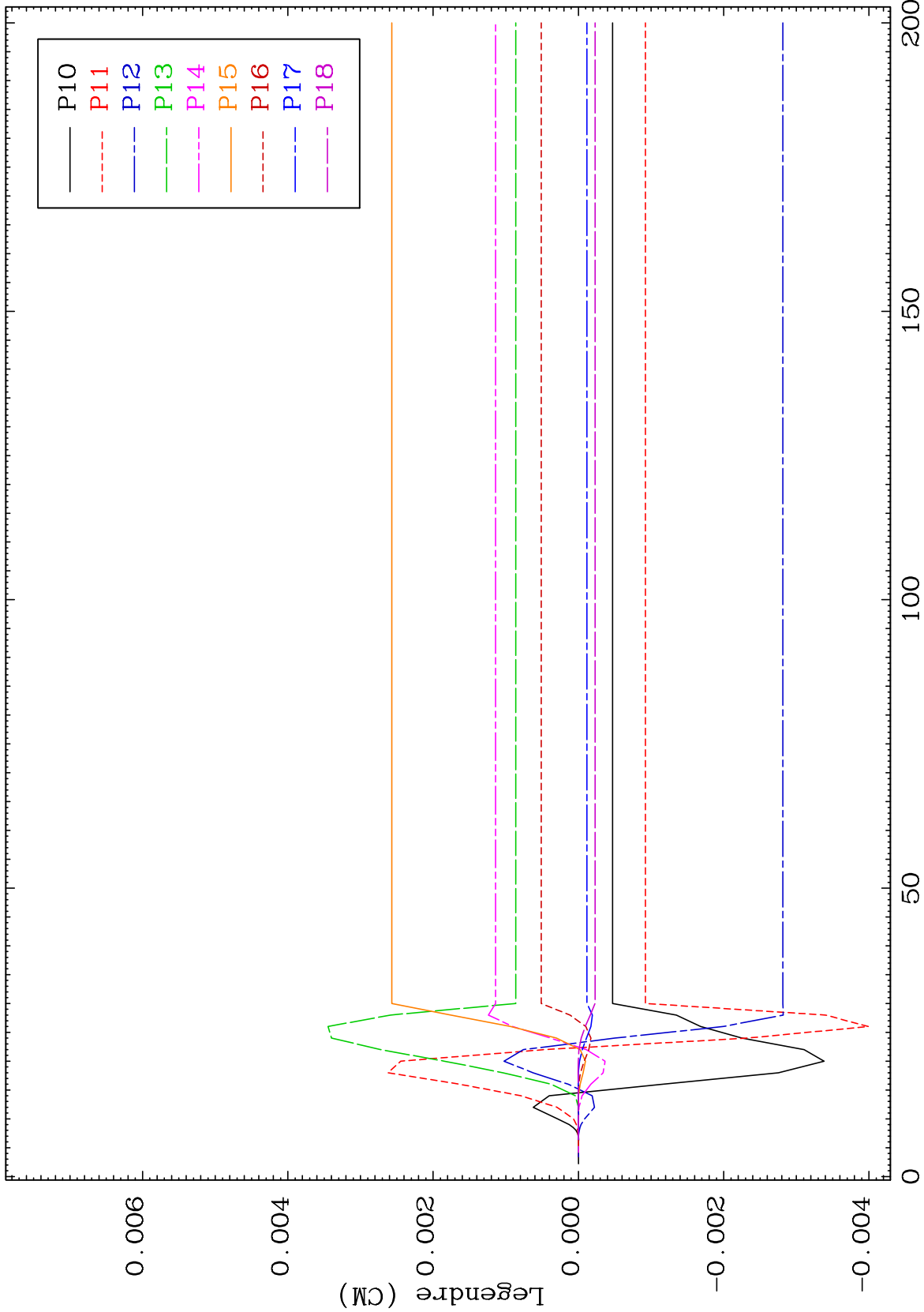
48-Cd-109



MAT 4834

MT= 76 (n,n') Level  
Legendre Coefficients

48-Cd-109



122

Incident Energy (MeV)

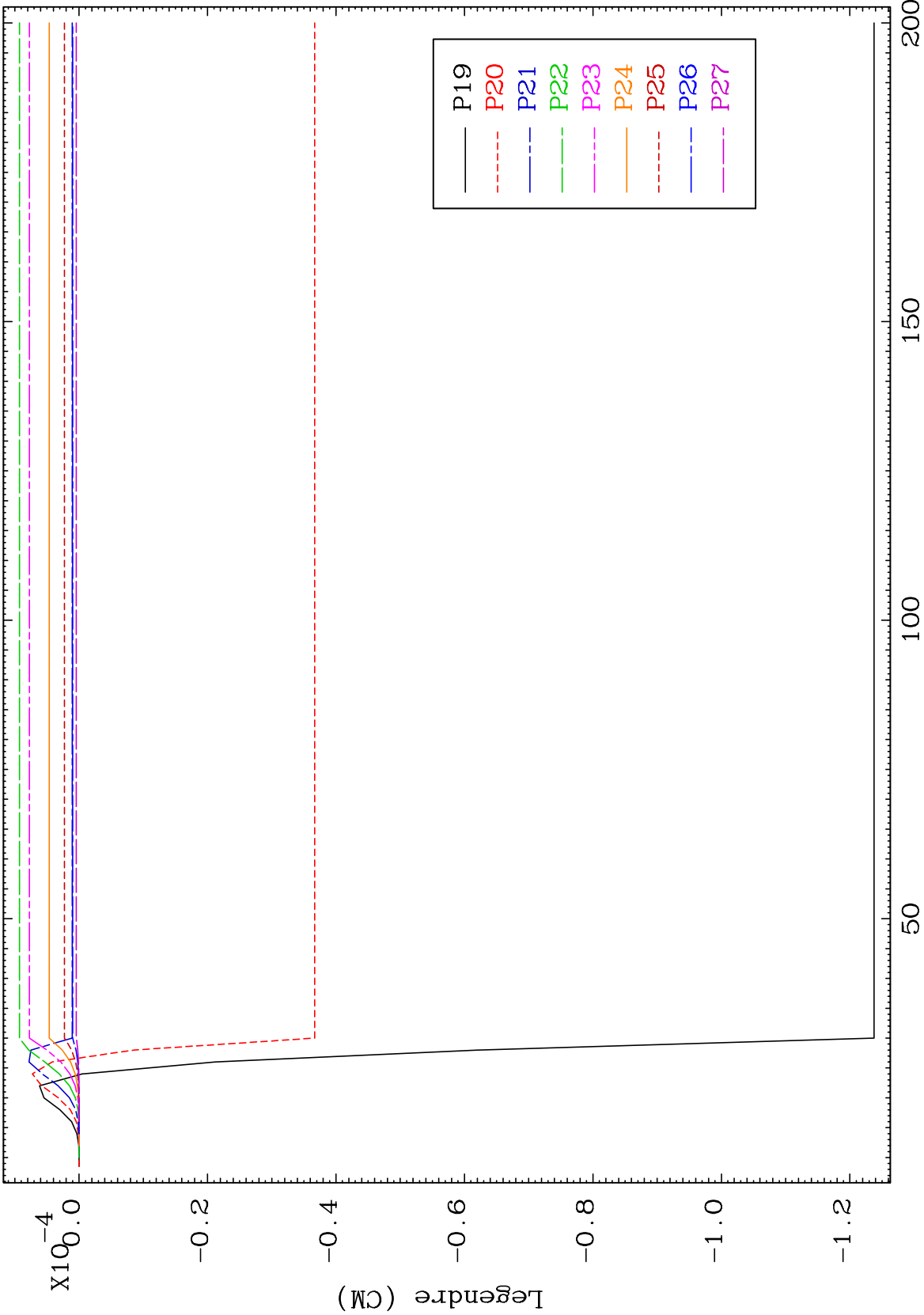
48-Cd-109

MAT 4834

MT= 76 (n,n') Level

48-Cd-109

Legendre Coefficients



48-Cd-109

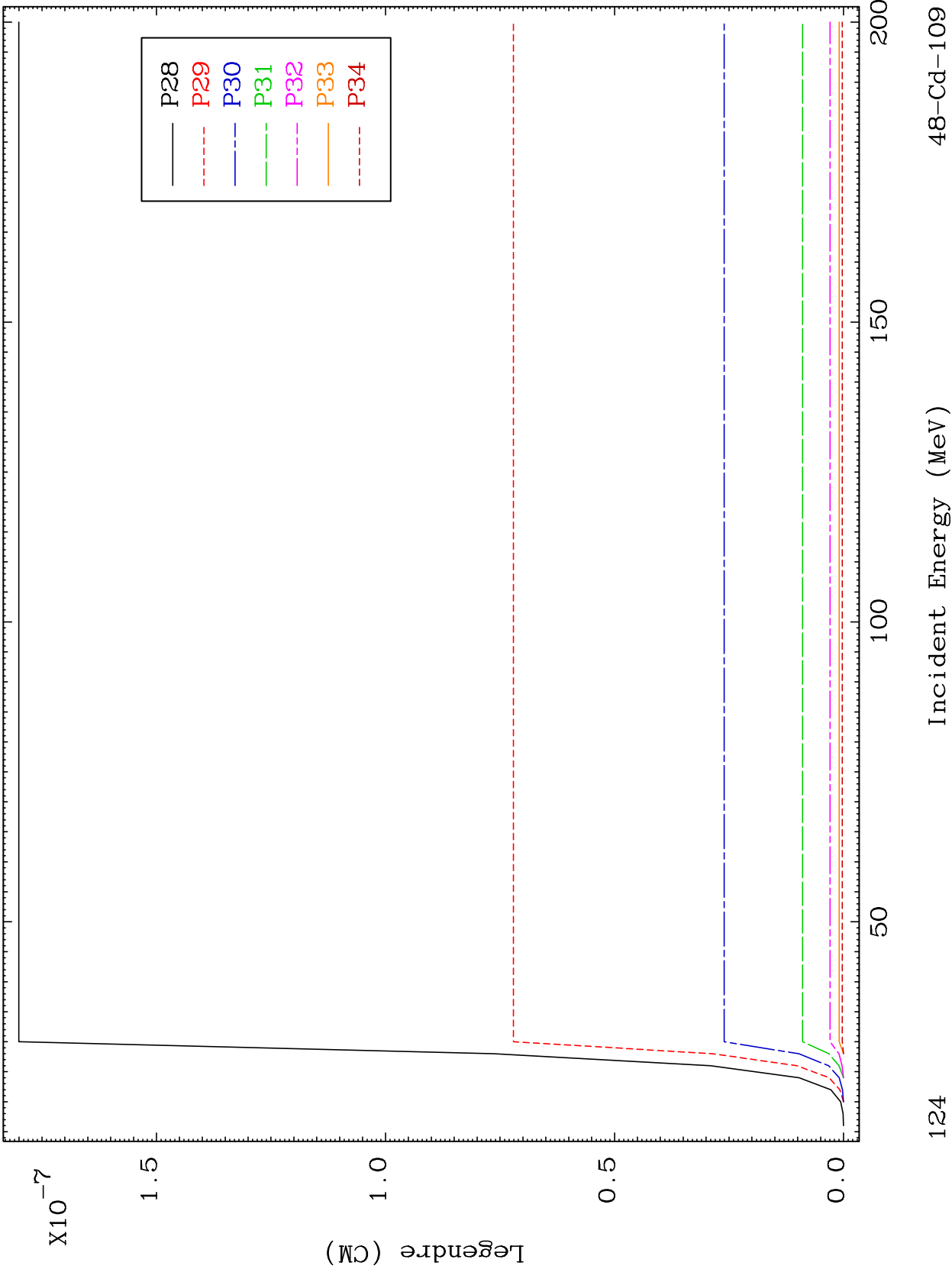
Incident Energy (MeV)

123

MAT 4834

MT= 76 (n,n') Level  
Legendre Coefficients

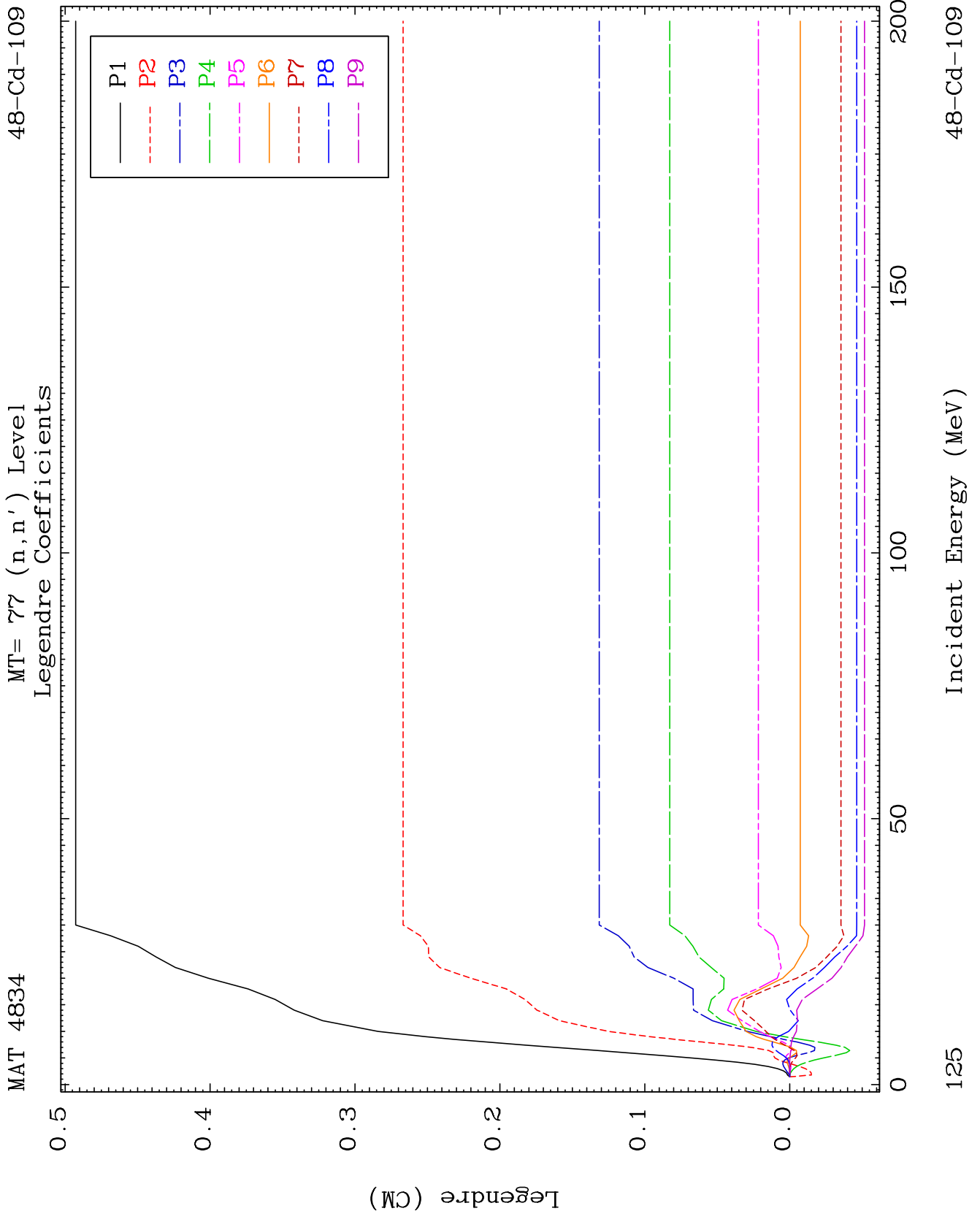
48-Cd-109



124

Incident Energy (MeV)

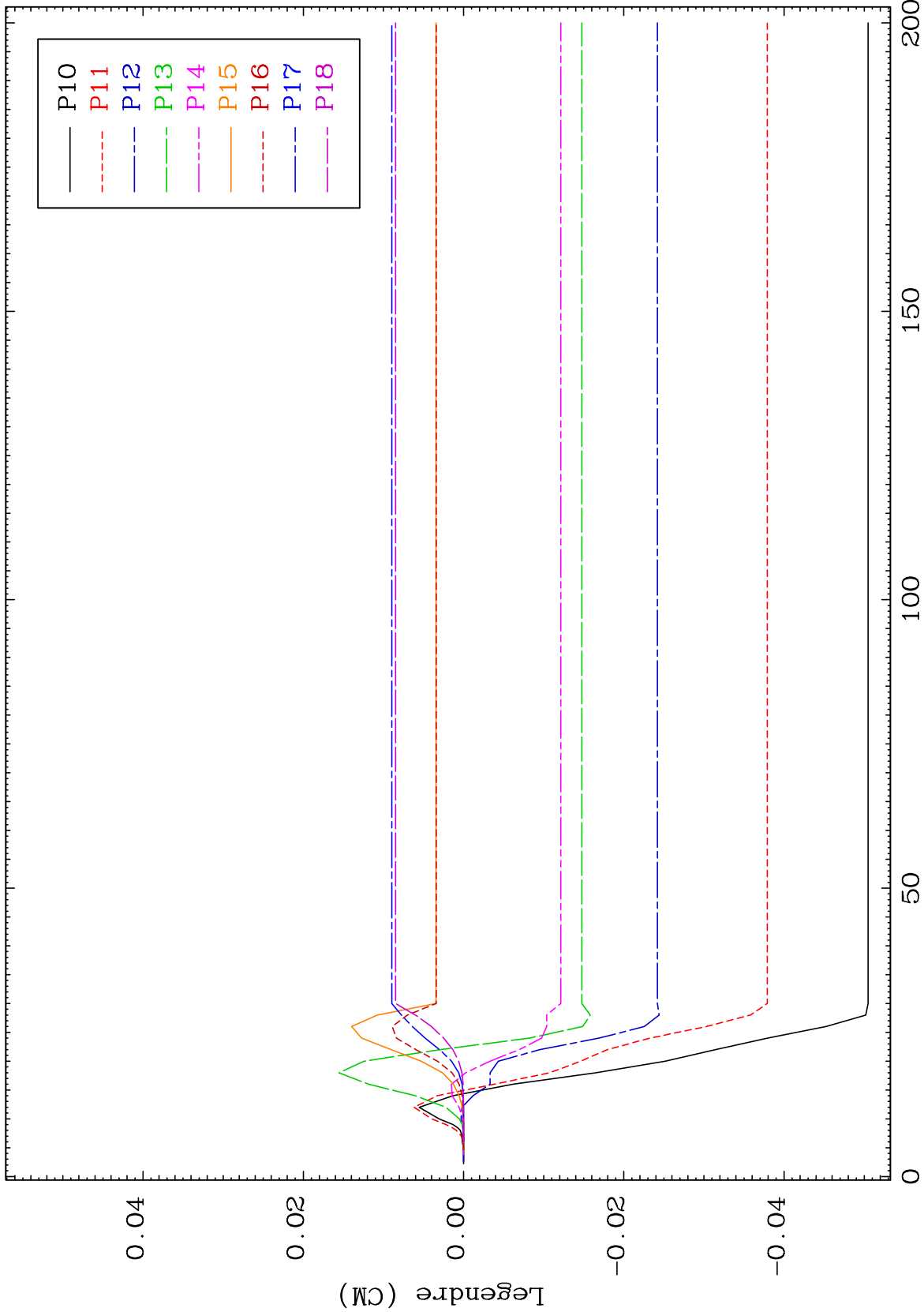
48-Cd-109



MAT 4834

MT= 77 (n,n') Level  
Legendre Coefficients

48-Cd-109



126

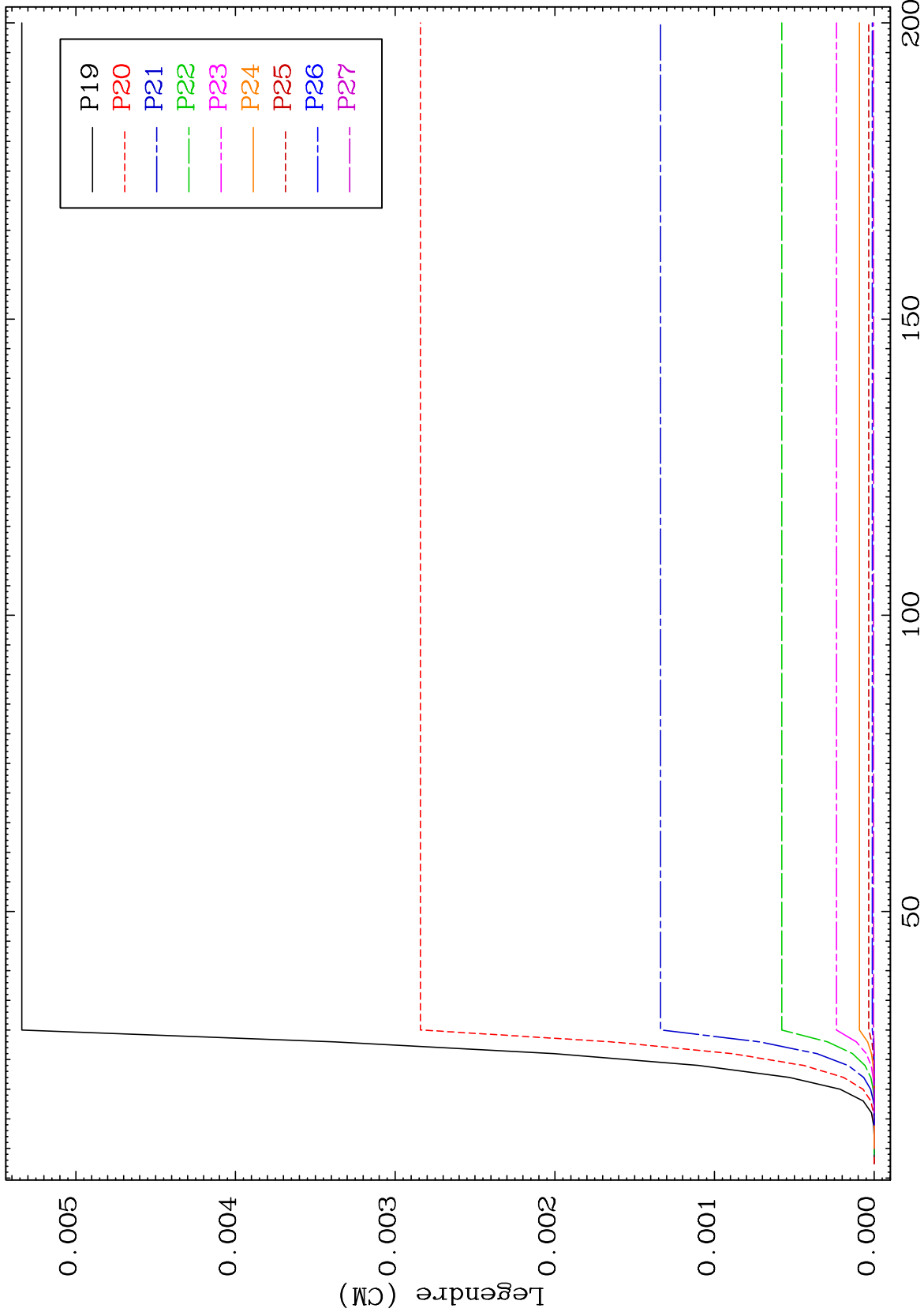
Incident Energy (MeV)

48-Cd-109

MAT 4834

MT= 77 (n,n') Level  
Legendre Coefficients

48-Cd-109



127

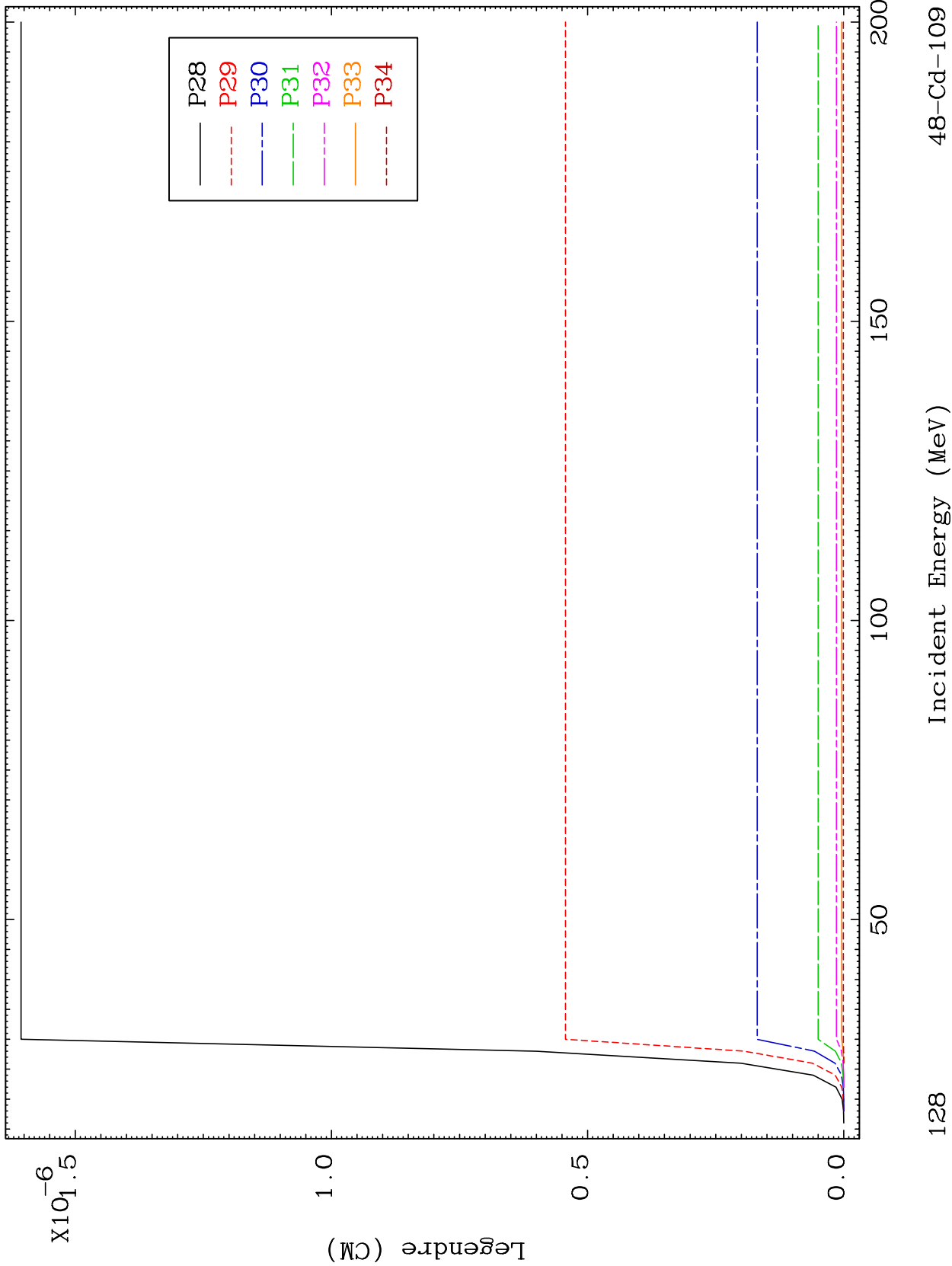
Incident Energy (MeV)

48-Cd-109

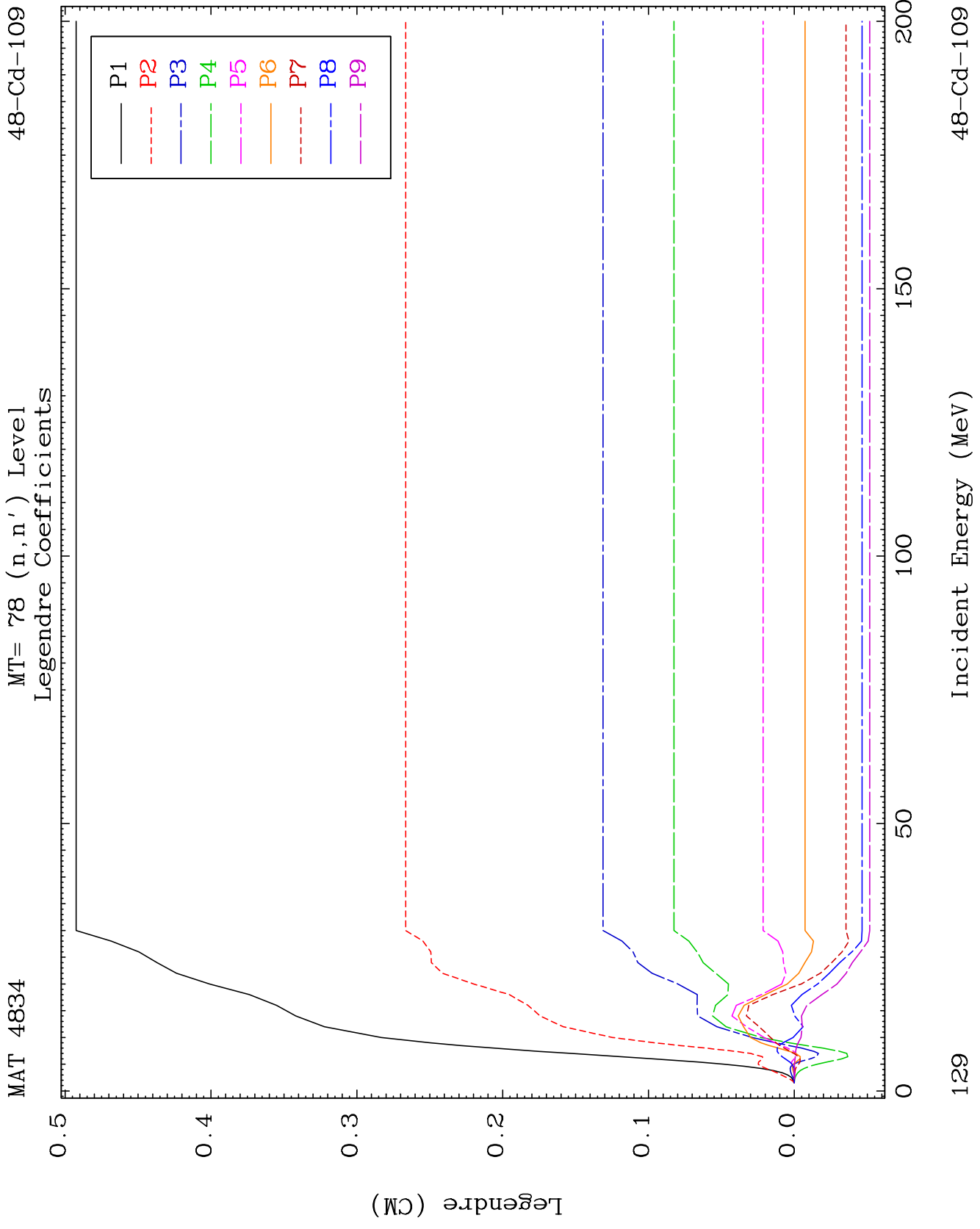
MAT 4834

MT= 77 (n,n') Level  
Legendre Coefficients

48-Cd-109



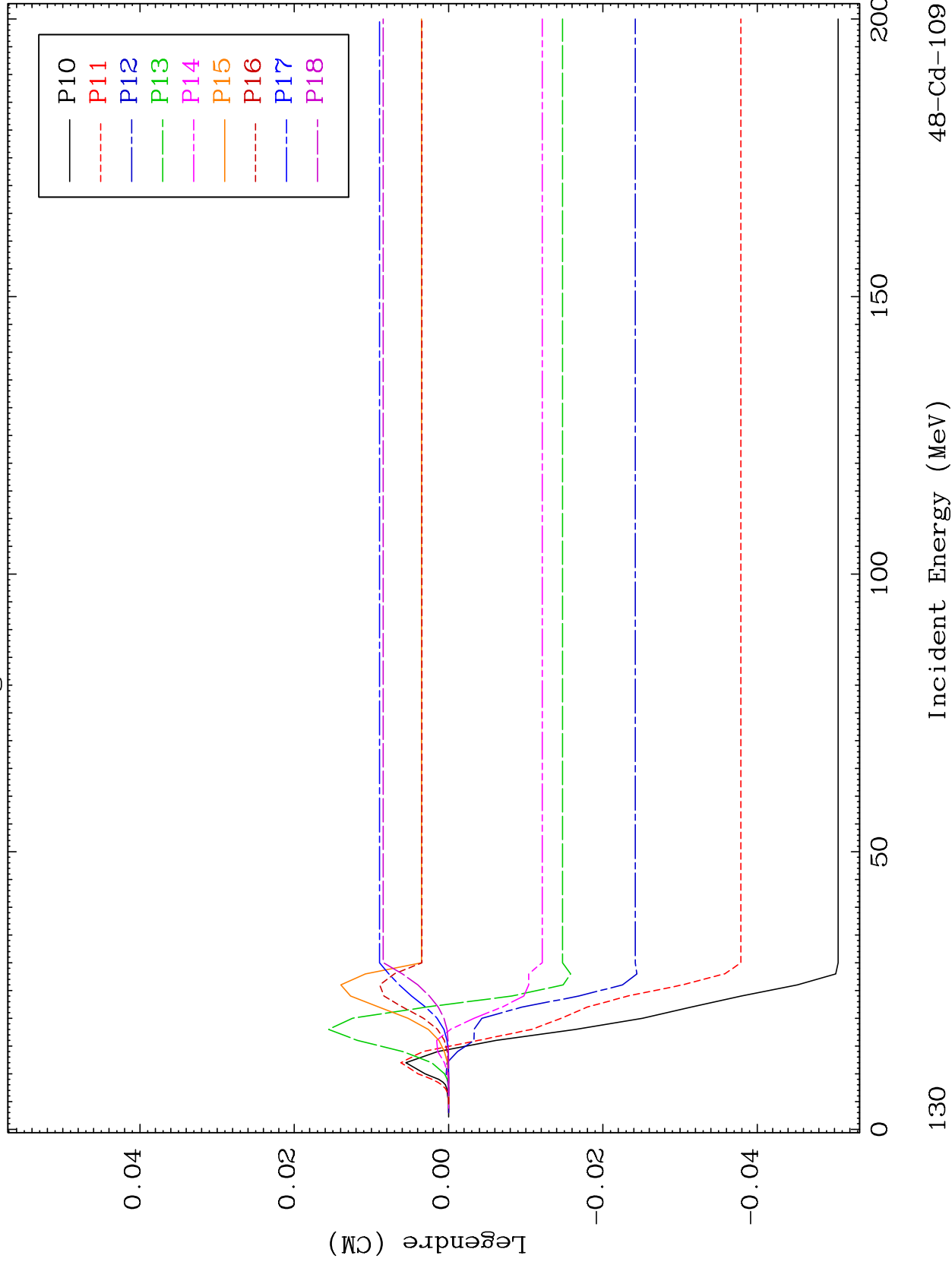
128



MAT 4834

MT= 78 (n,n') Level  
Legendre Coefficients

48-Cd-109



48-Cd-109

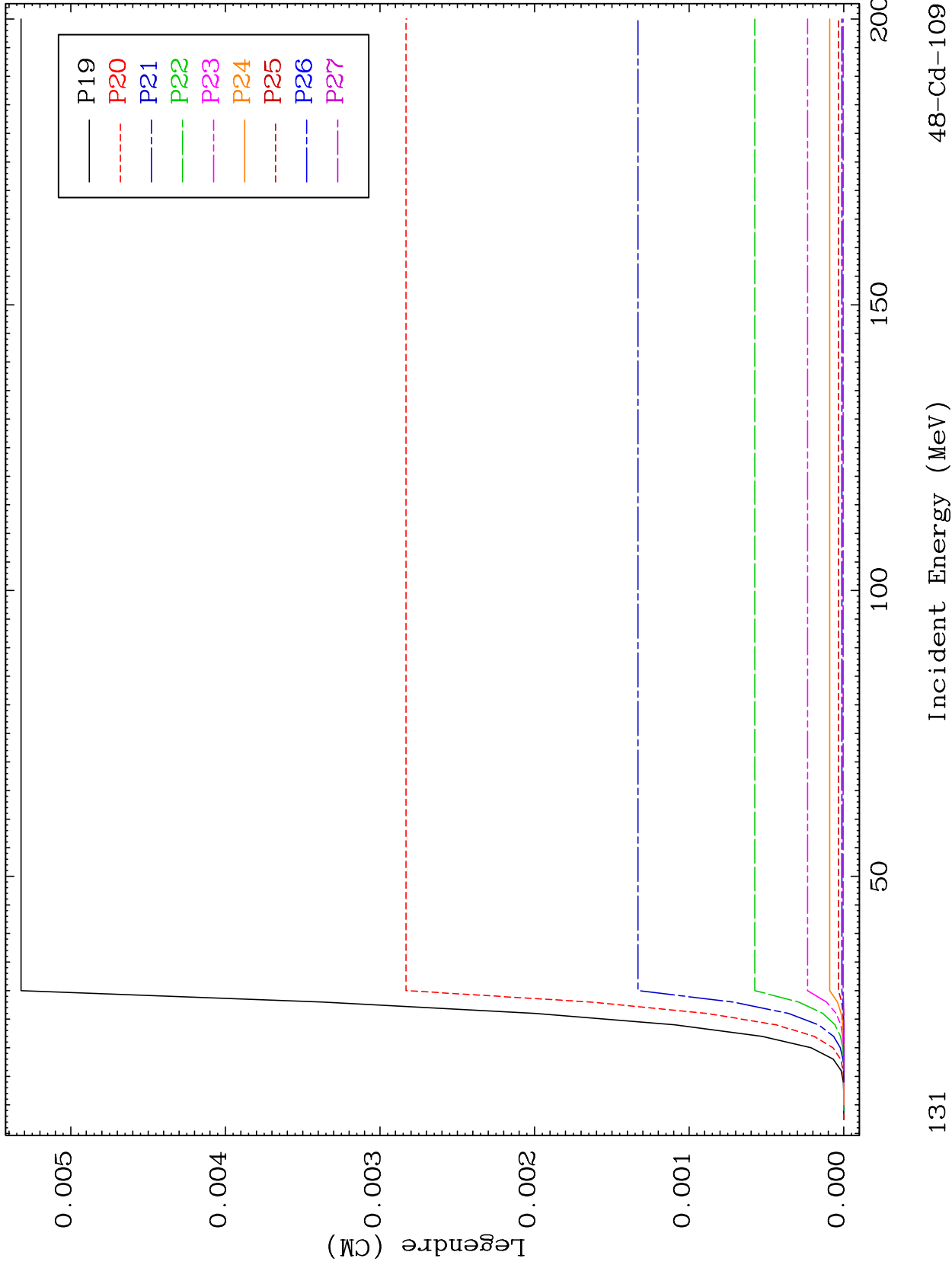
Incident Energy (MeV)

130

MAT 4834

MT= 78 (n,n') Level  
Legendre Coefficients

48-Cd-109



131

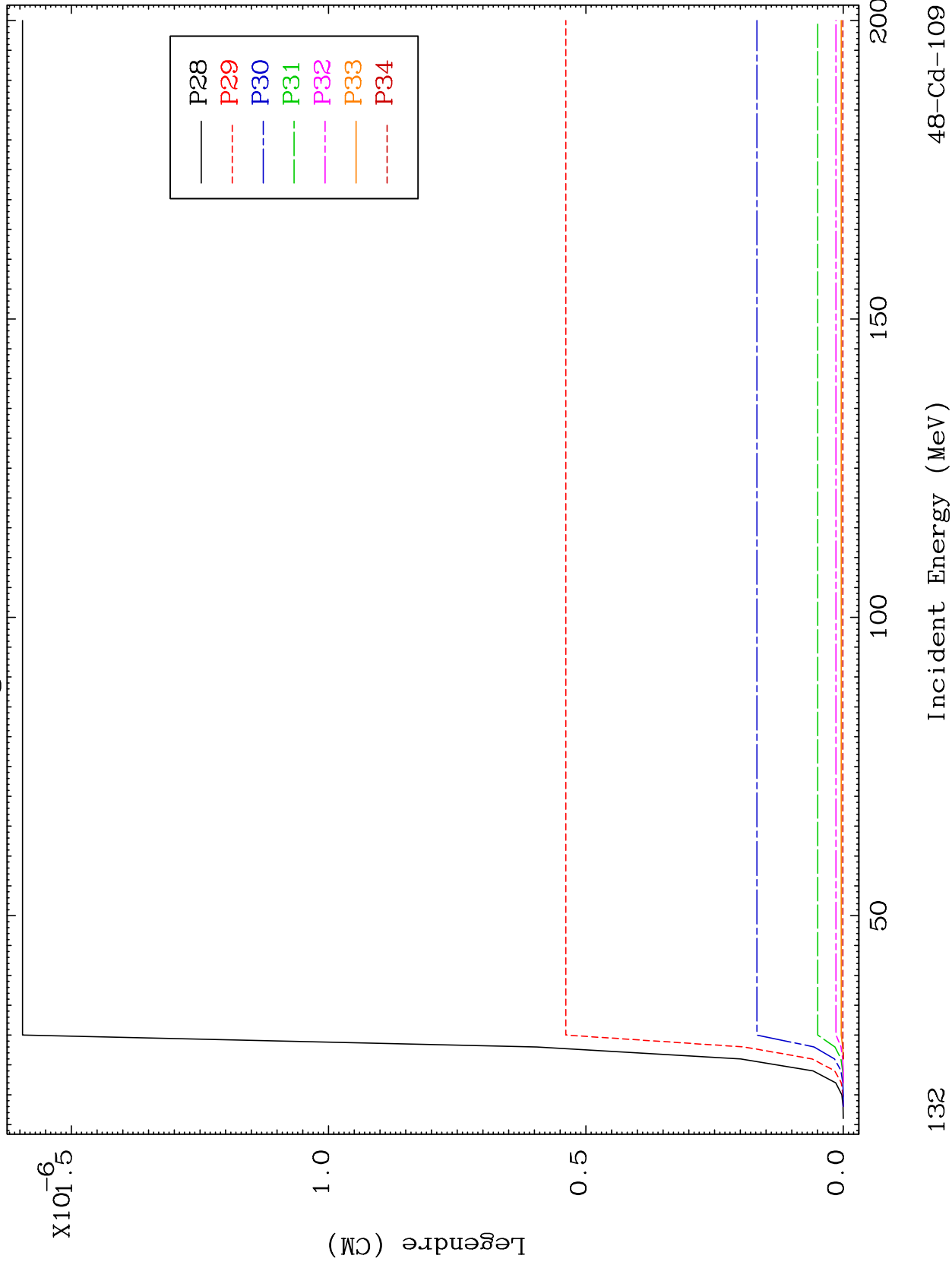
Incident Energy (MeV)

48-Cd-109

MAT 4834

MT= 78 (n,n') Level  
Legendre Coefficients

48-Cd-109



132

Incident Energy (MeV)

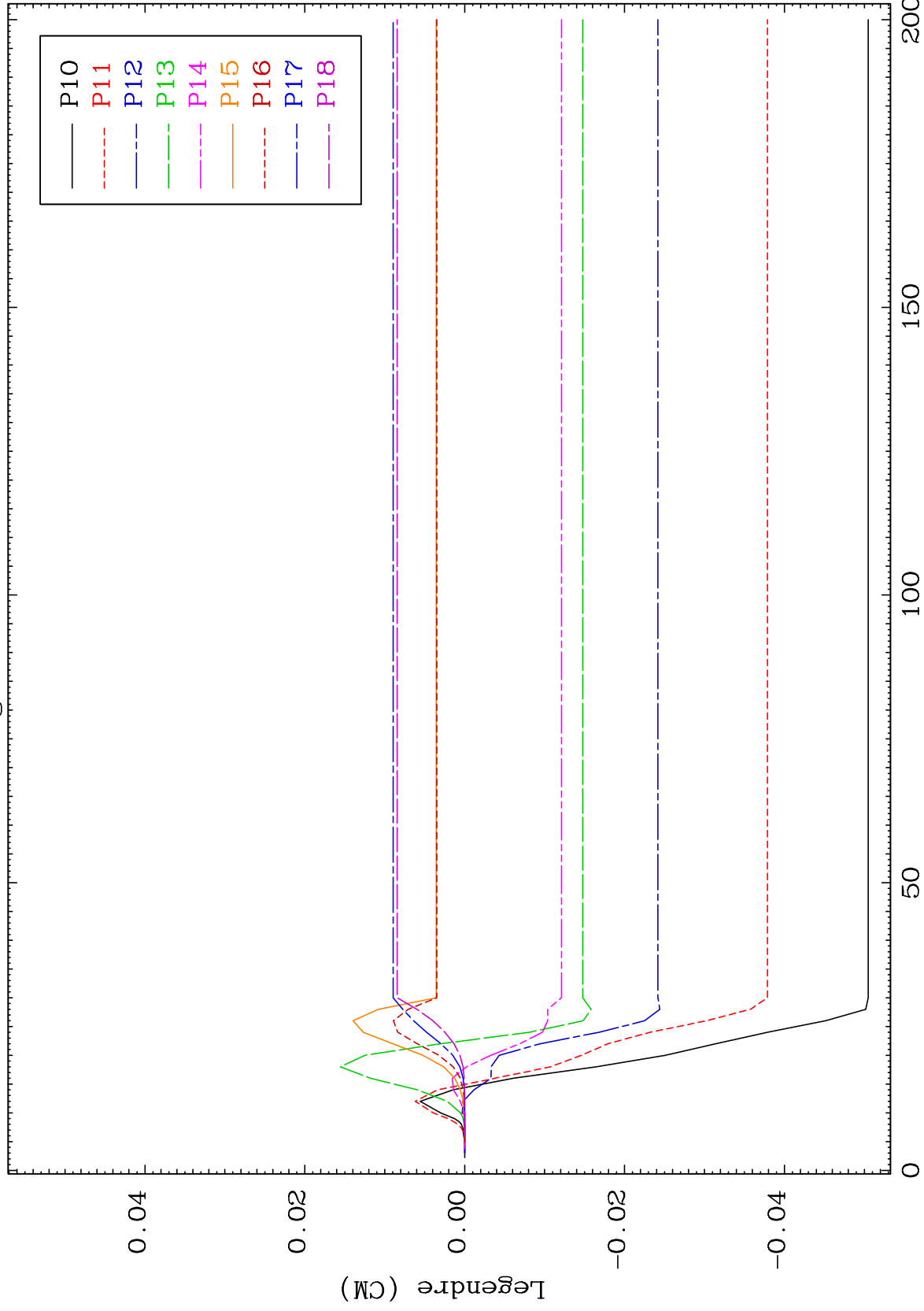
48-Cd-109



MAT 4834

MT= 79 (n,n') Level  
Legendre Coefficients

48-Cd-109



134

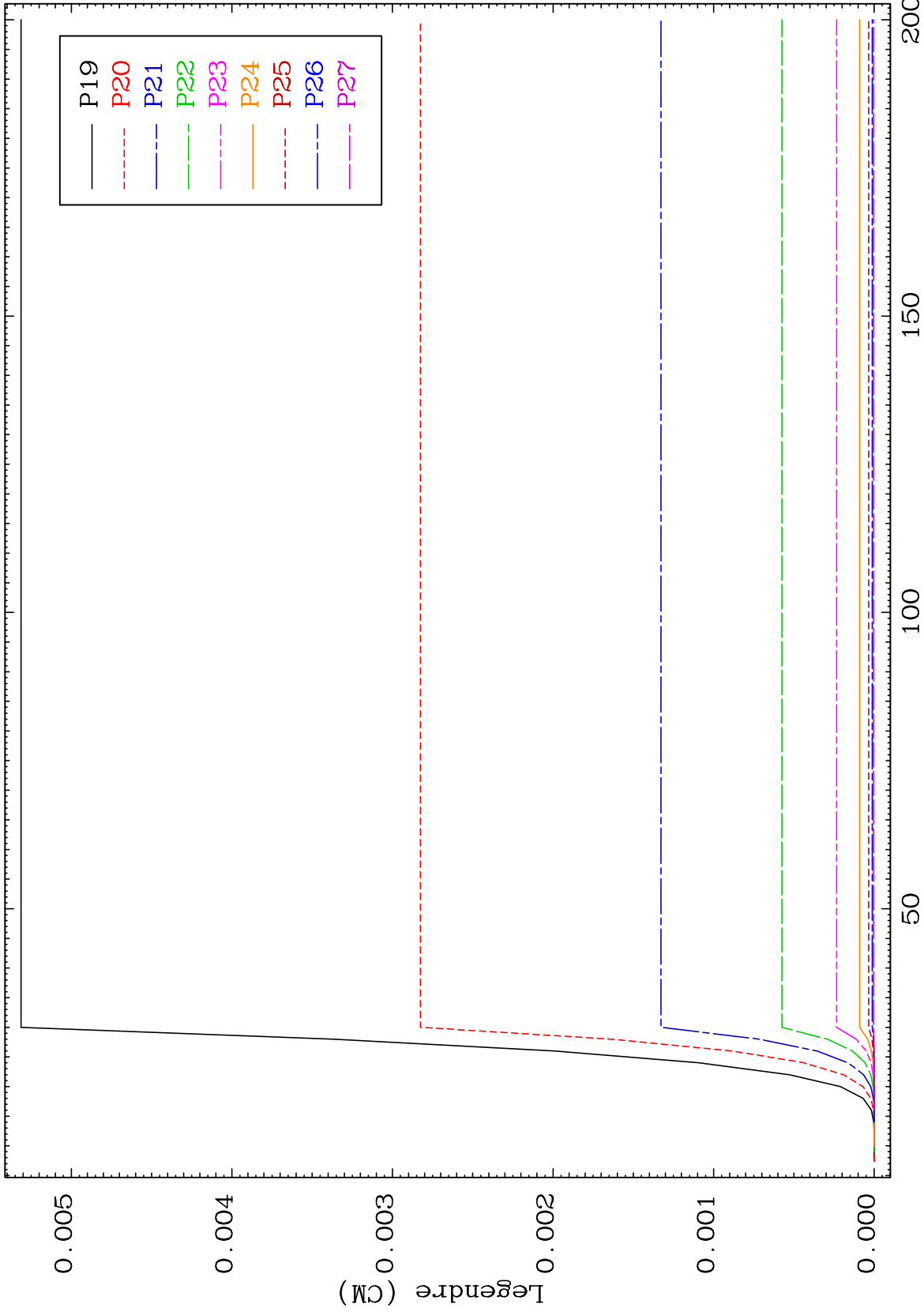
Incident Energy (MeV)

48-Cd-109

MAT 4834

MT= 79 (n,n') Level  
Legendre Coefficients

48-Cd-109



135

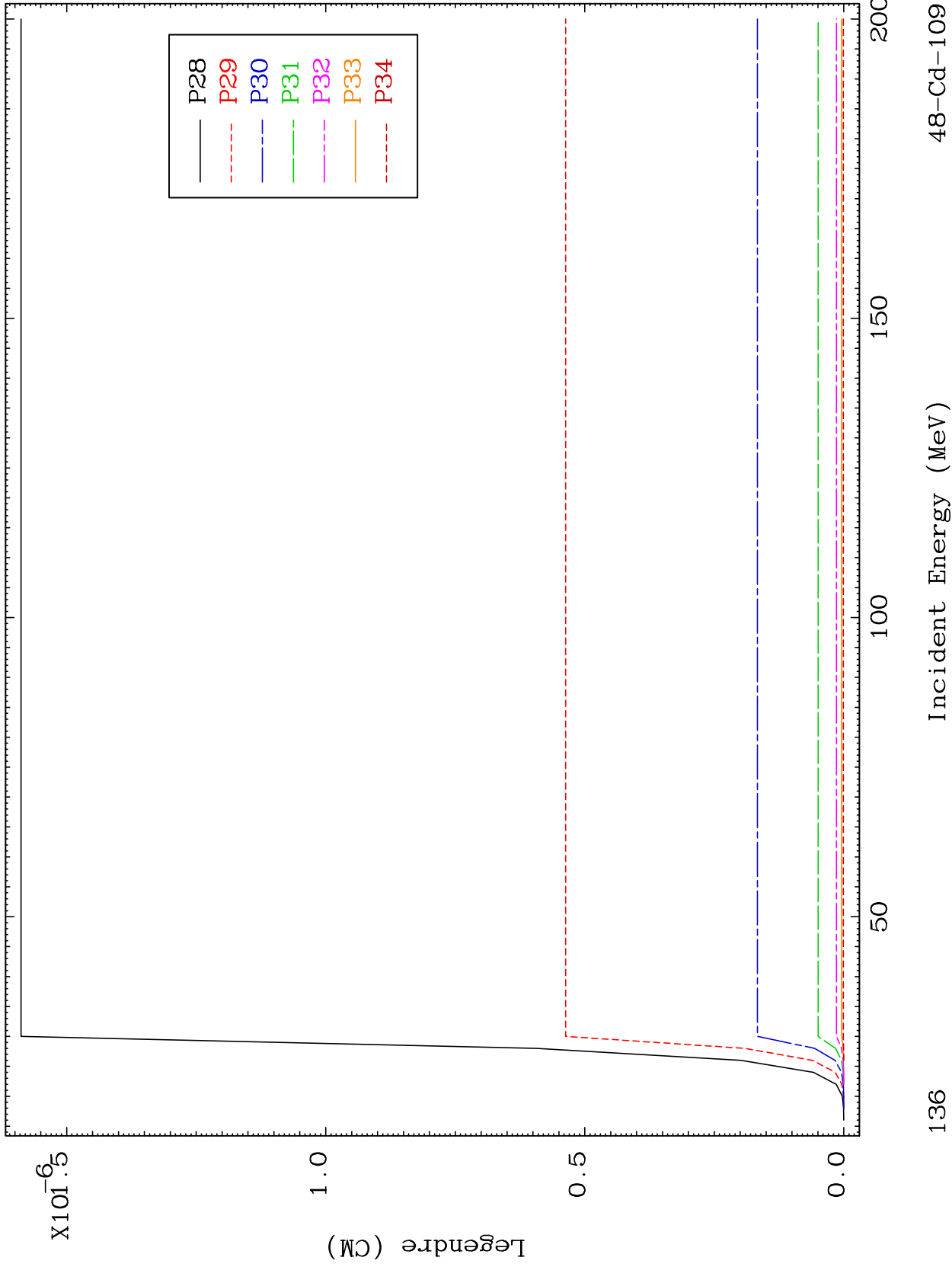
Incident Energy (MeV)

48-Cd-109

MAT 4834

MT= 79 (n,n') Level  
Legendre Coefficients

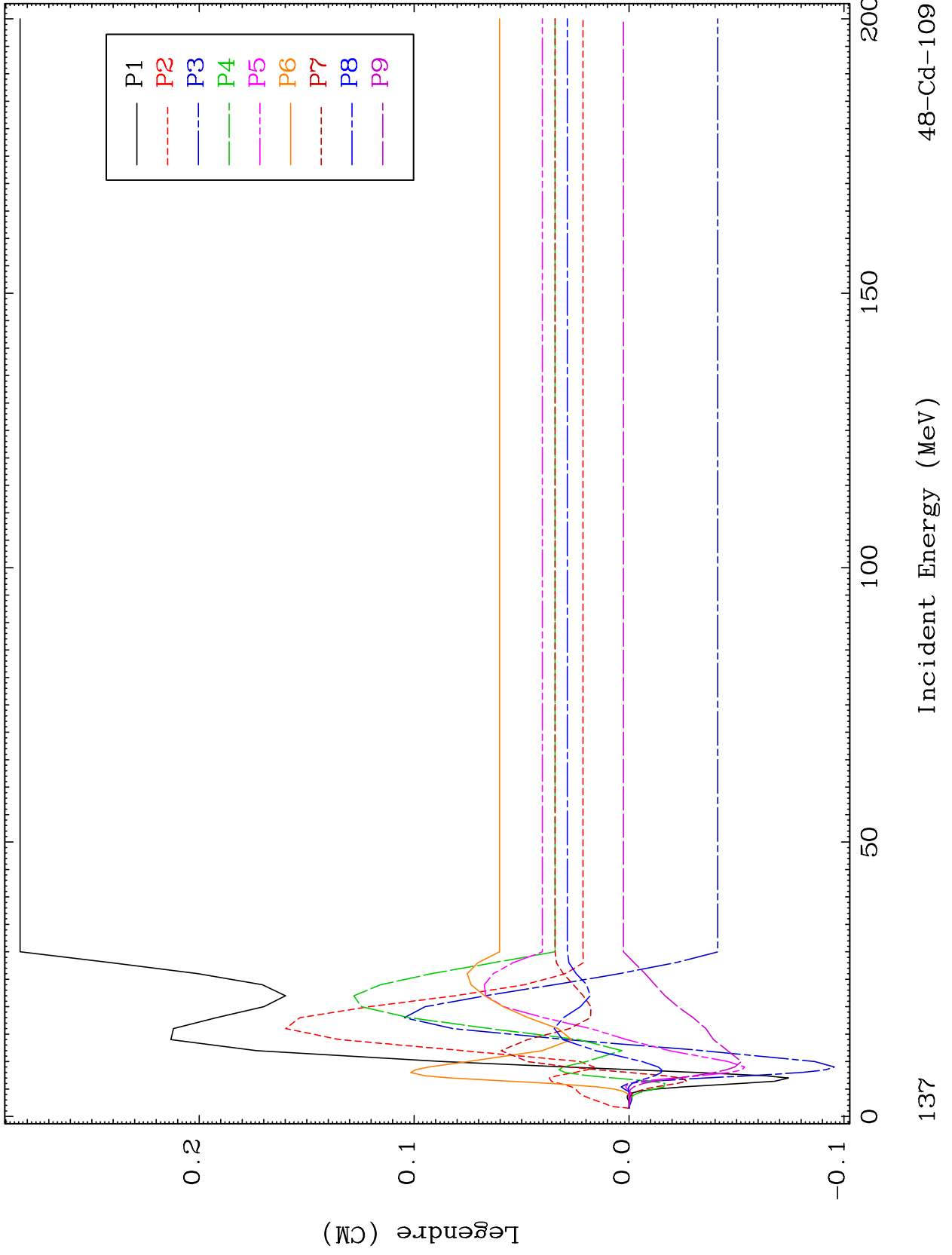
48-Cd-109



MAT 4834

MT= 80 (n,n') Level  
Legendre Coefficients

48-Cd-109



48-Cd-109

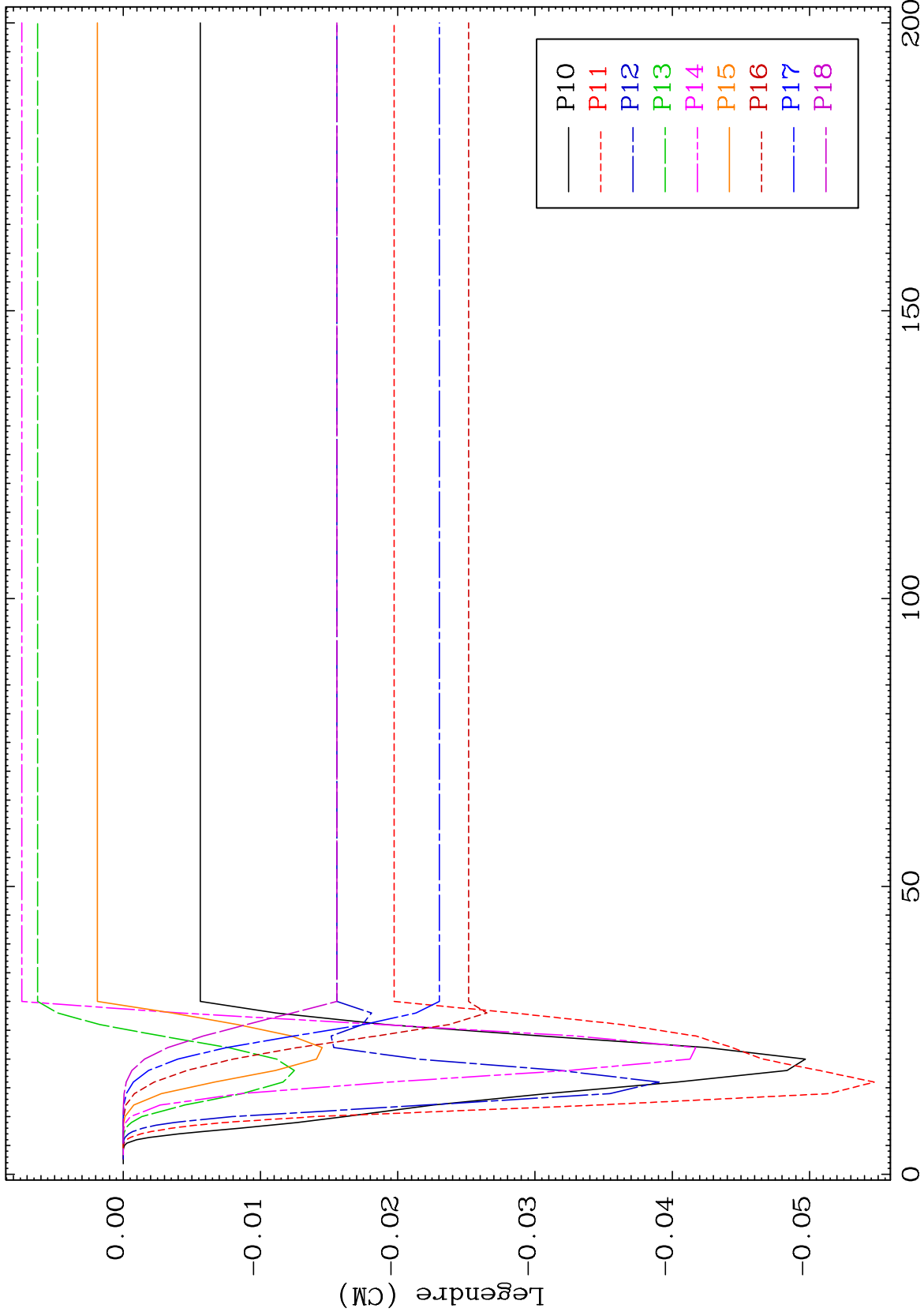
Incident Energy (MeV)

137

MAT 4834

MT= 80 (n,n') Level  
Legendre Coefficients

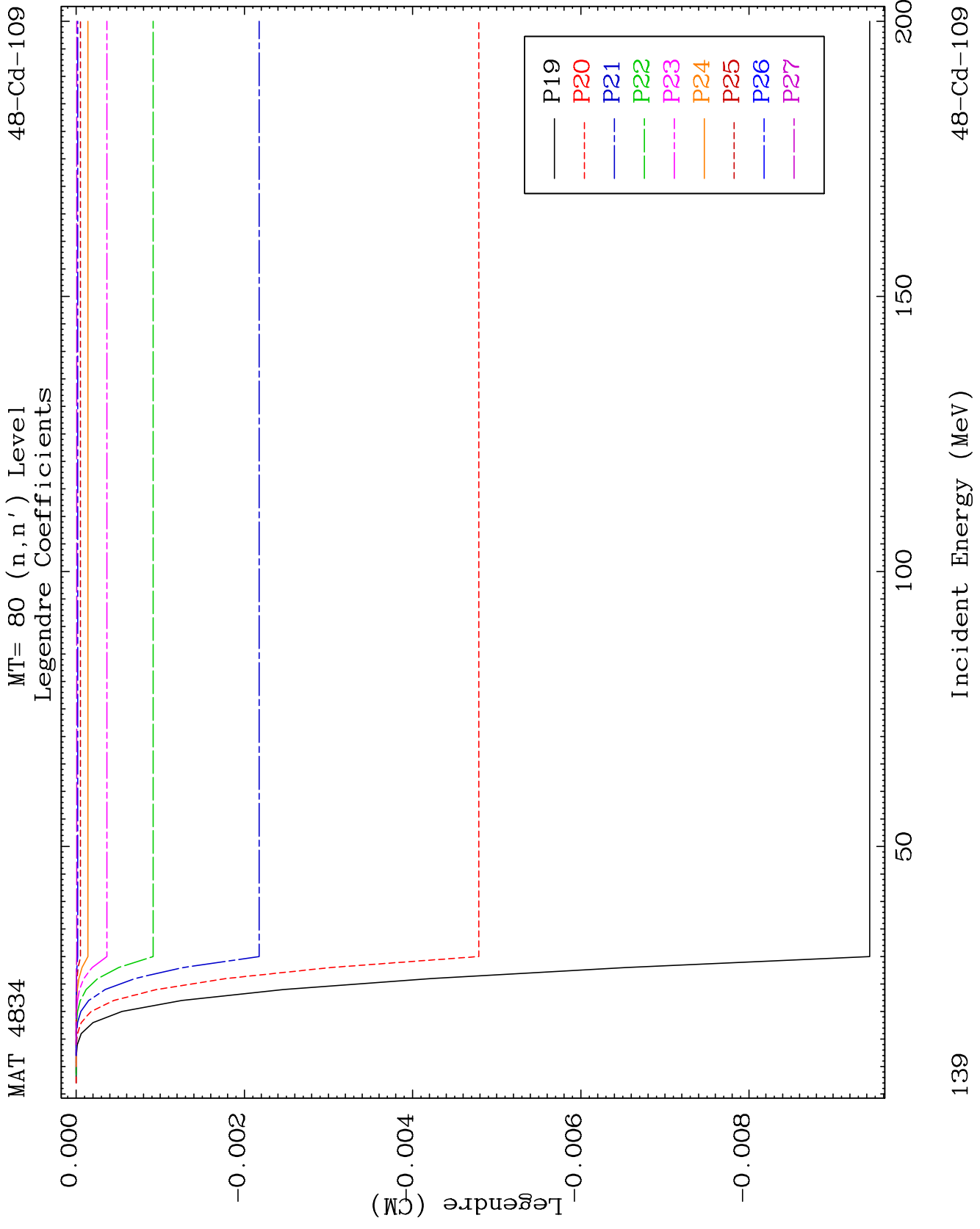
48-Cd-109

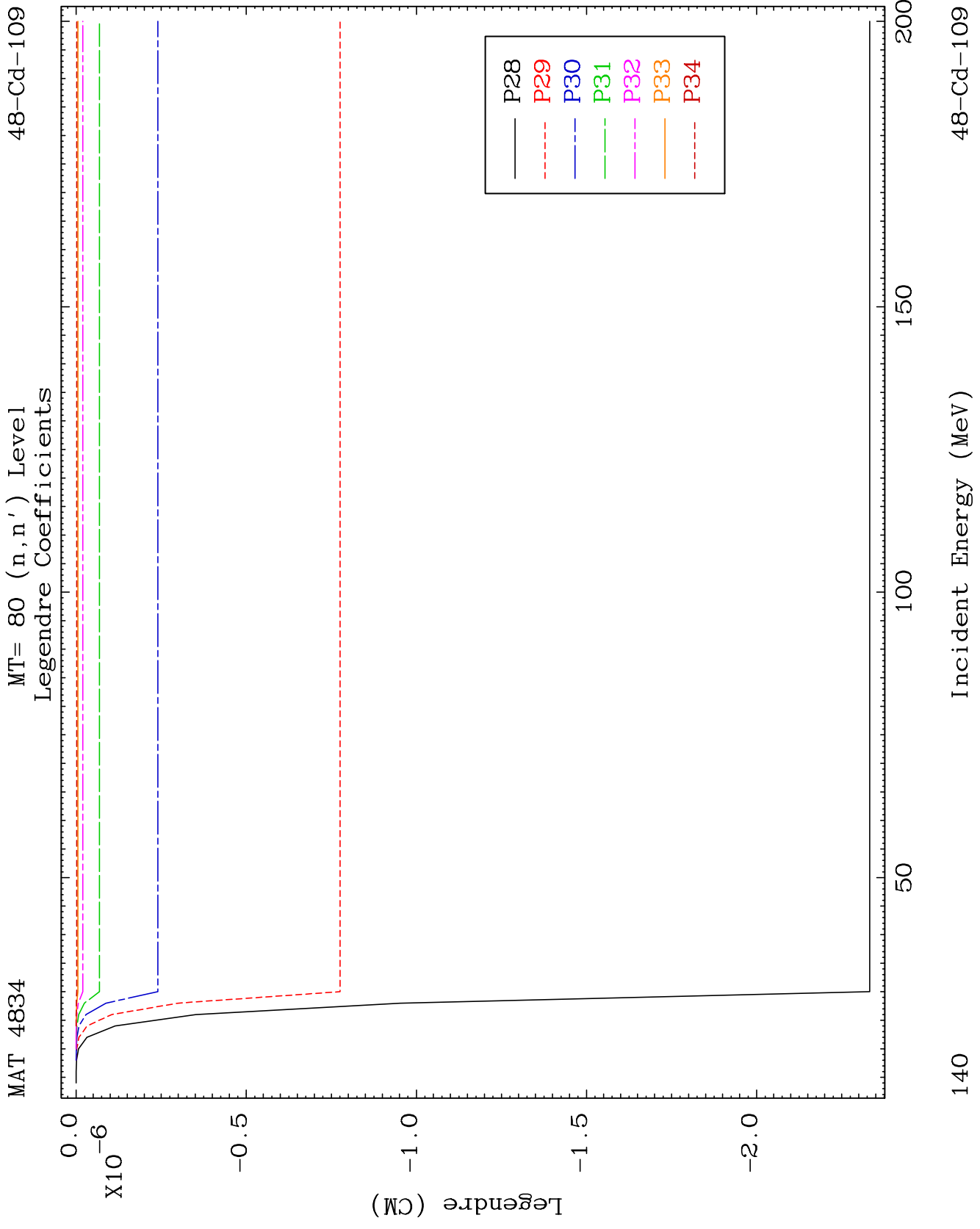


138

Incident Energy (MeV)

48-Cd-109



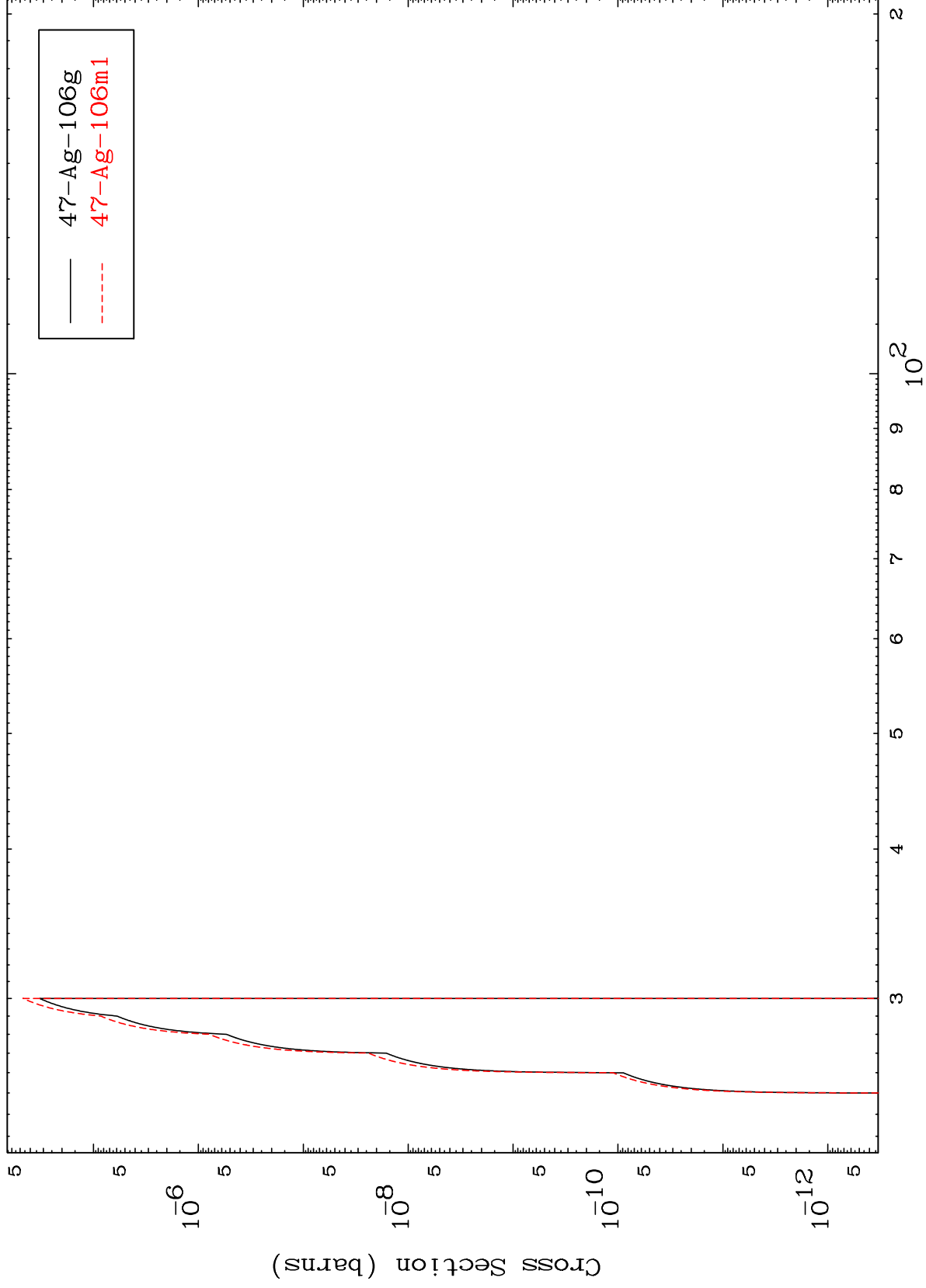


MAT 4834

(n,2n) d

48-Cd-109

Radionuclide Production Cross Section



141

Incident Energy (MeV)

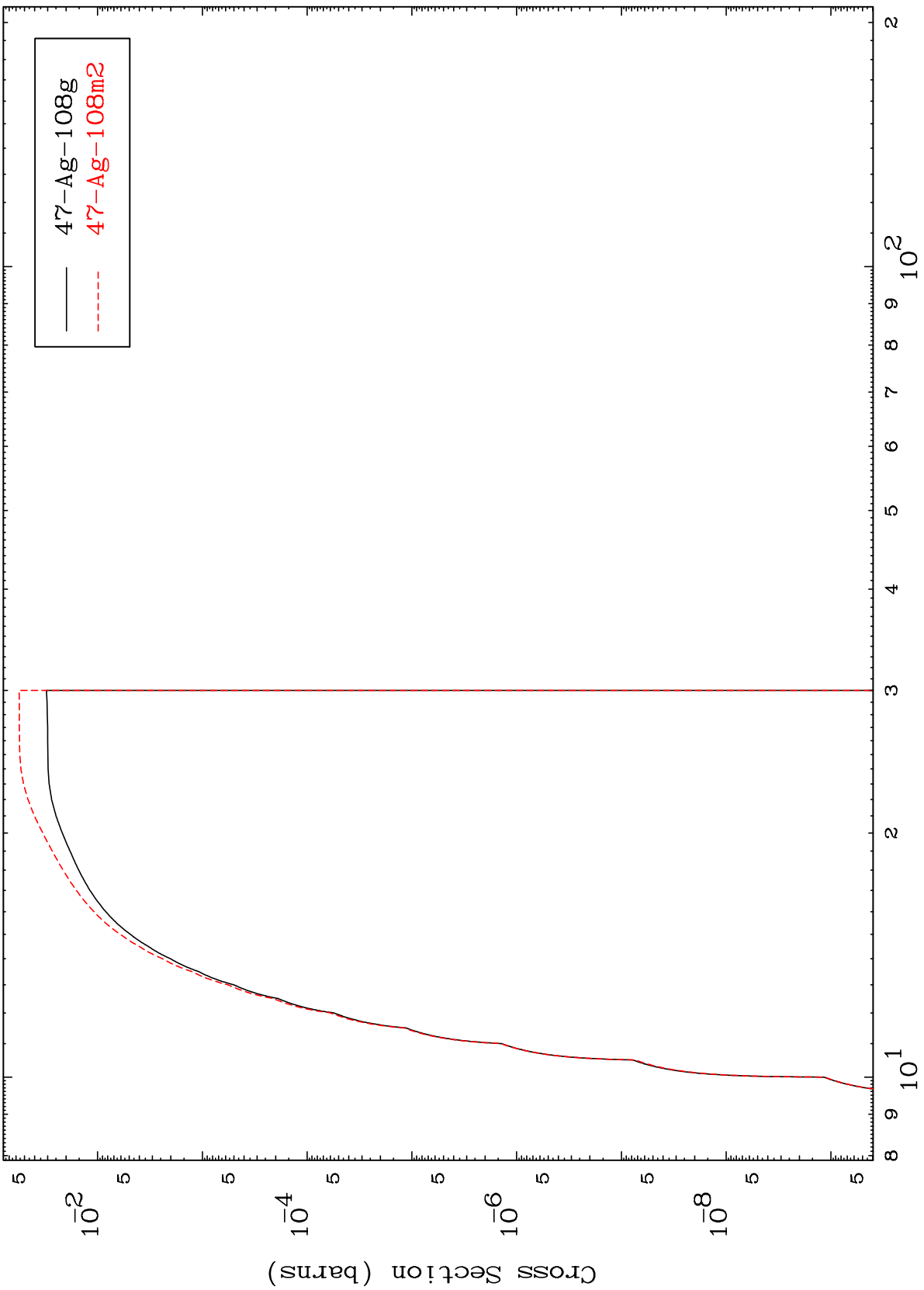
48-Cd-109

MAT 4834

(n,n') p

48-Cd-109

Radionuclide Production Cross Section



142

Incident Energy (MeV)

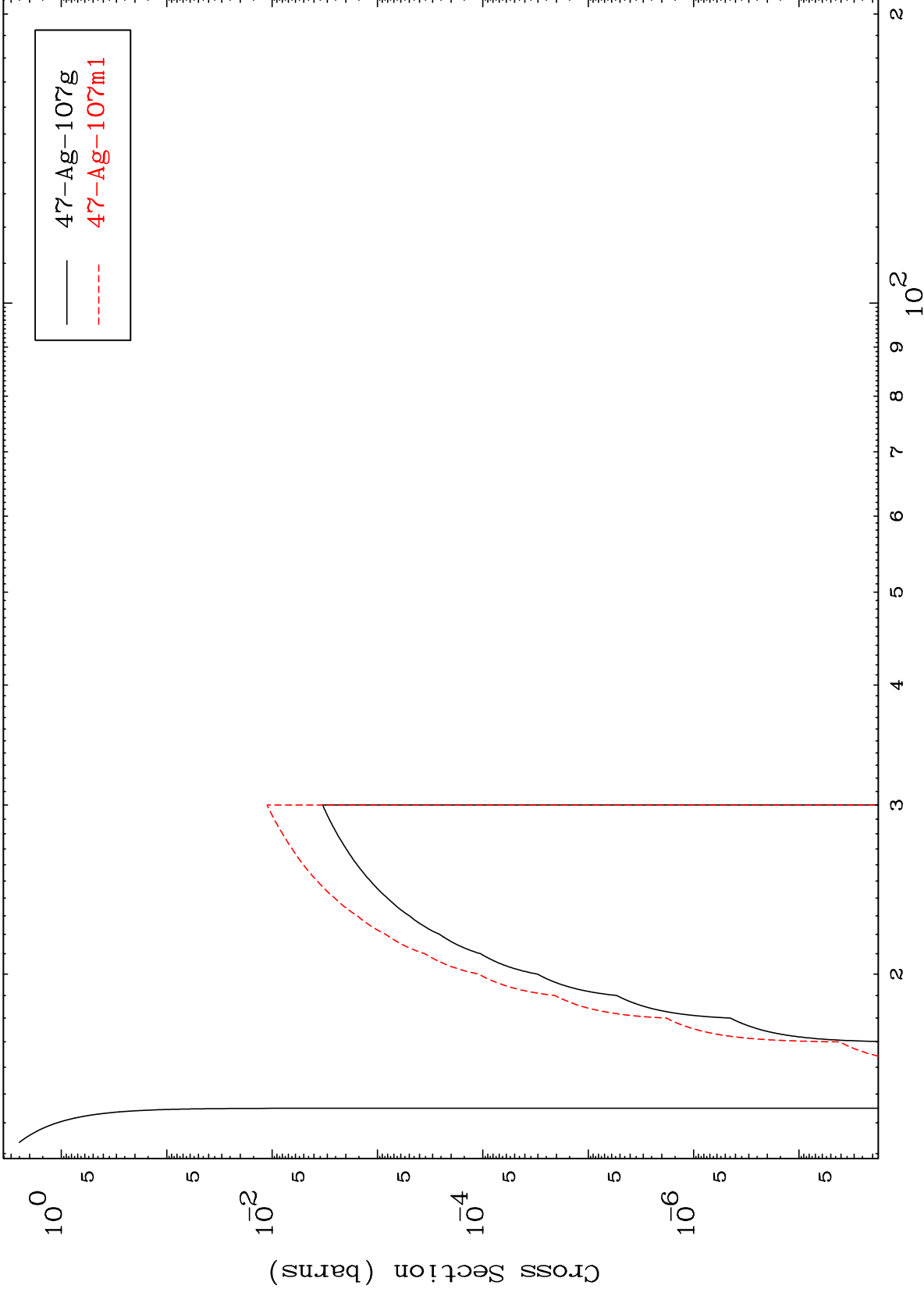
48-Cd-109

MAT 4834

(n,n') d

48-Cd-109

Radionuclide Production Cross Section



143

Incident Energy (MeV)

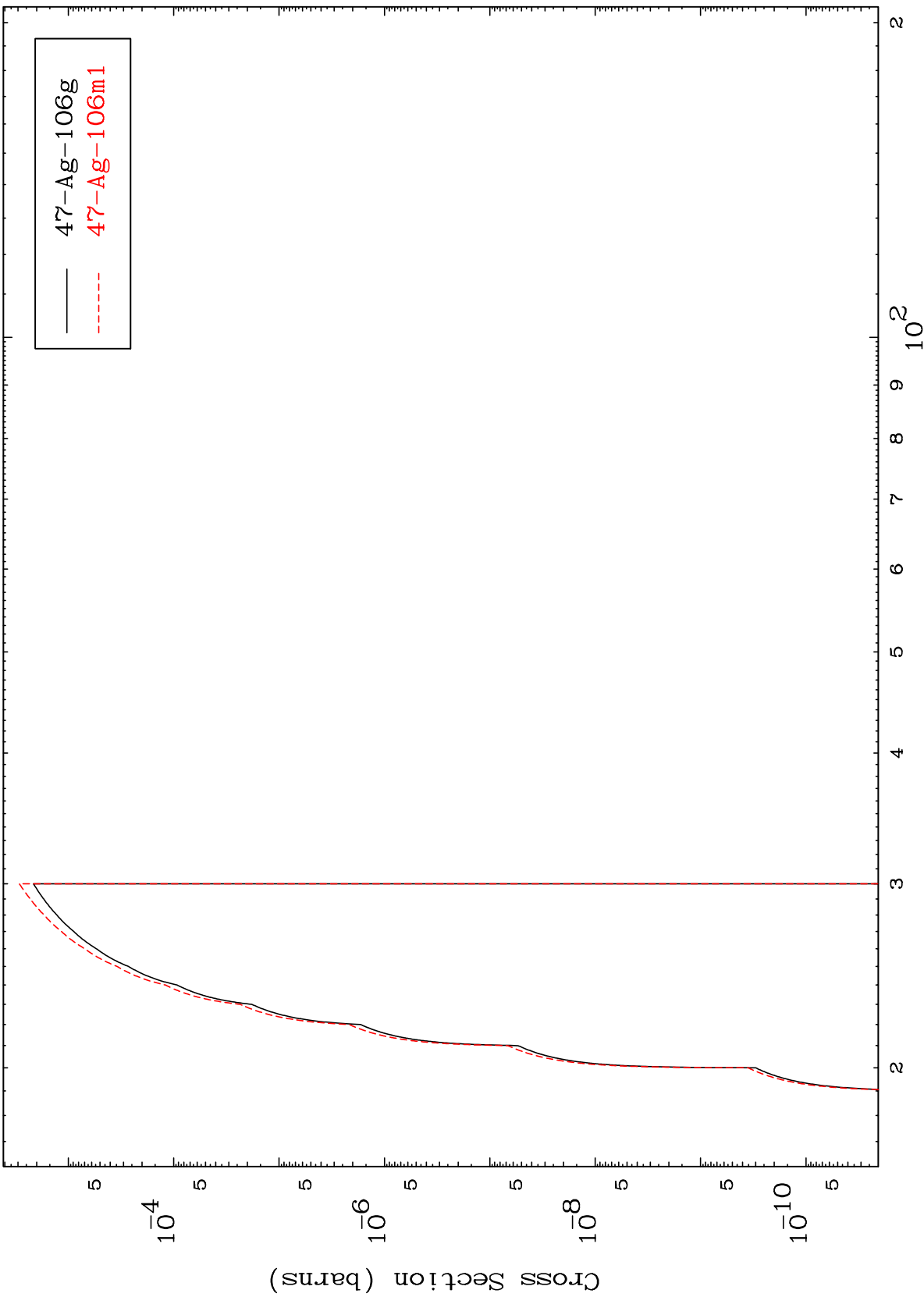
48-Cd-109

MAT 4834

(n,n') t

48-Cd-109

Radionuclide Production Cross Section



144

Incident Energy (MeV)

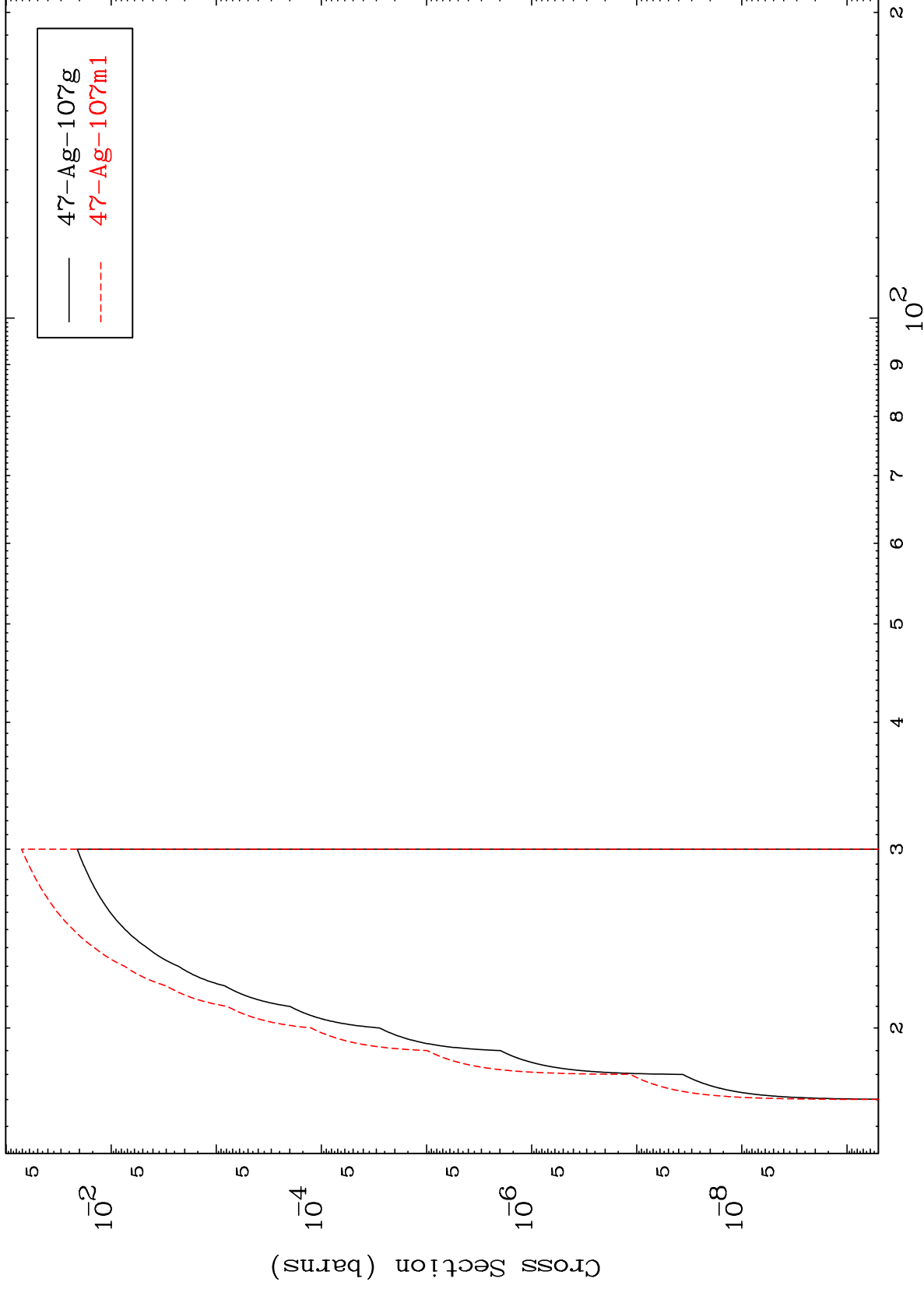
48-Cd-109

MAT 4834

(n,2n) p

48-Cd-109

Radionuclide Production Cross Section



145

Incident Energy (MeV)

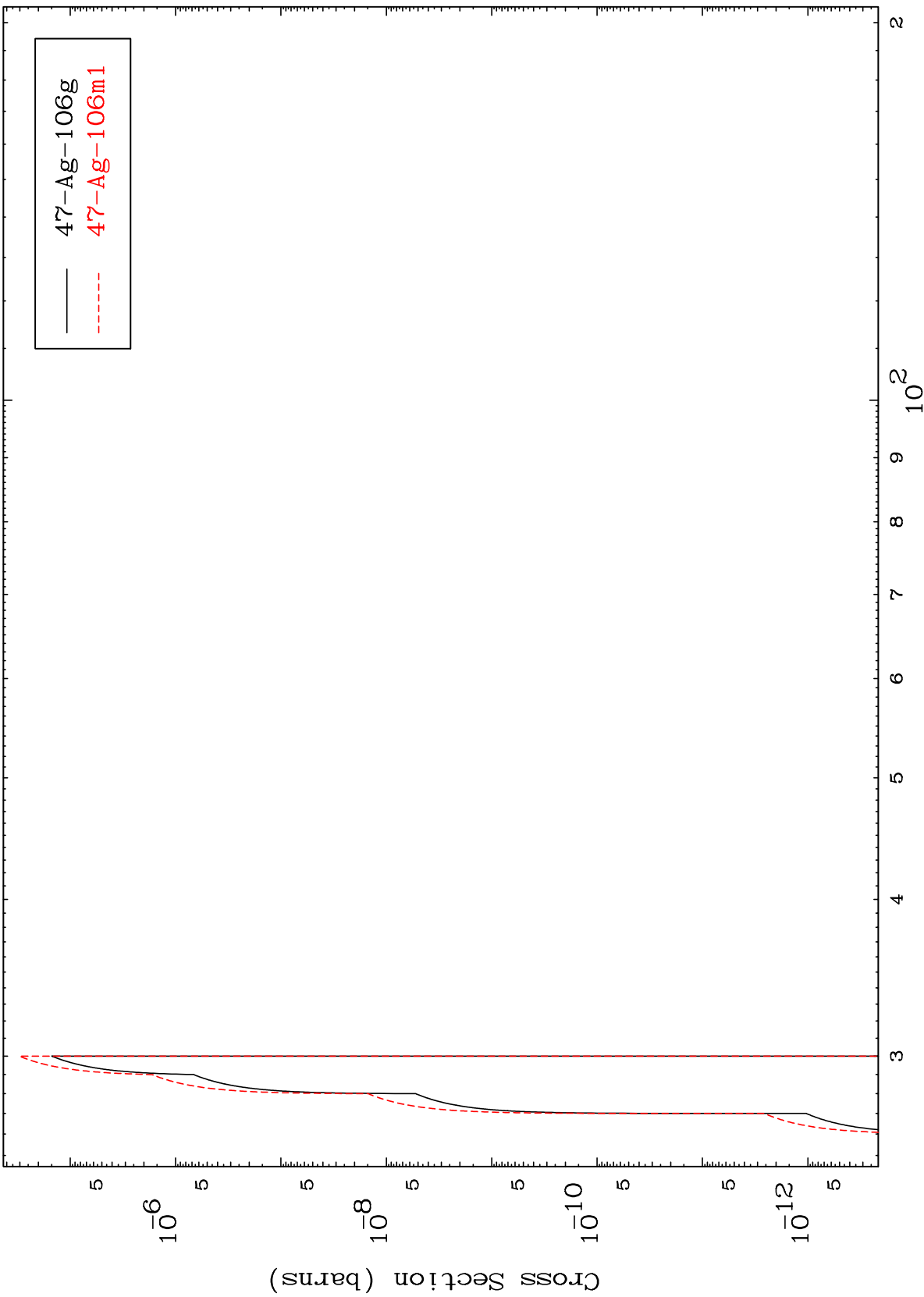
48-Cd-109

MAT 4834

(n,3n) p

48-Cd-109

Radionuclide Production Cross Section



146

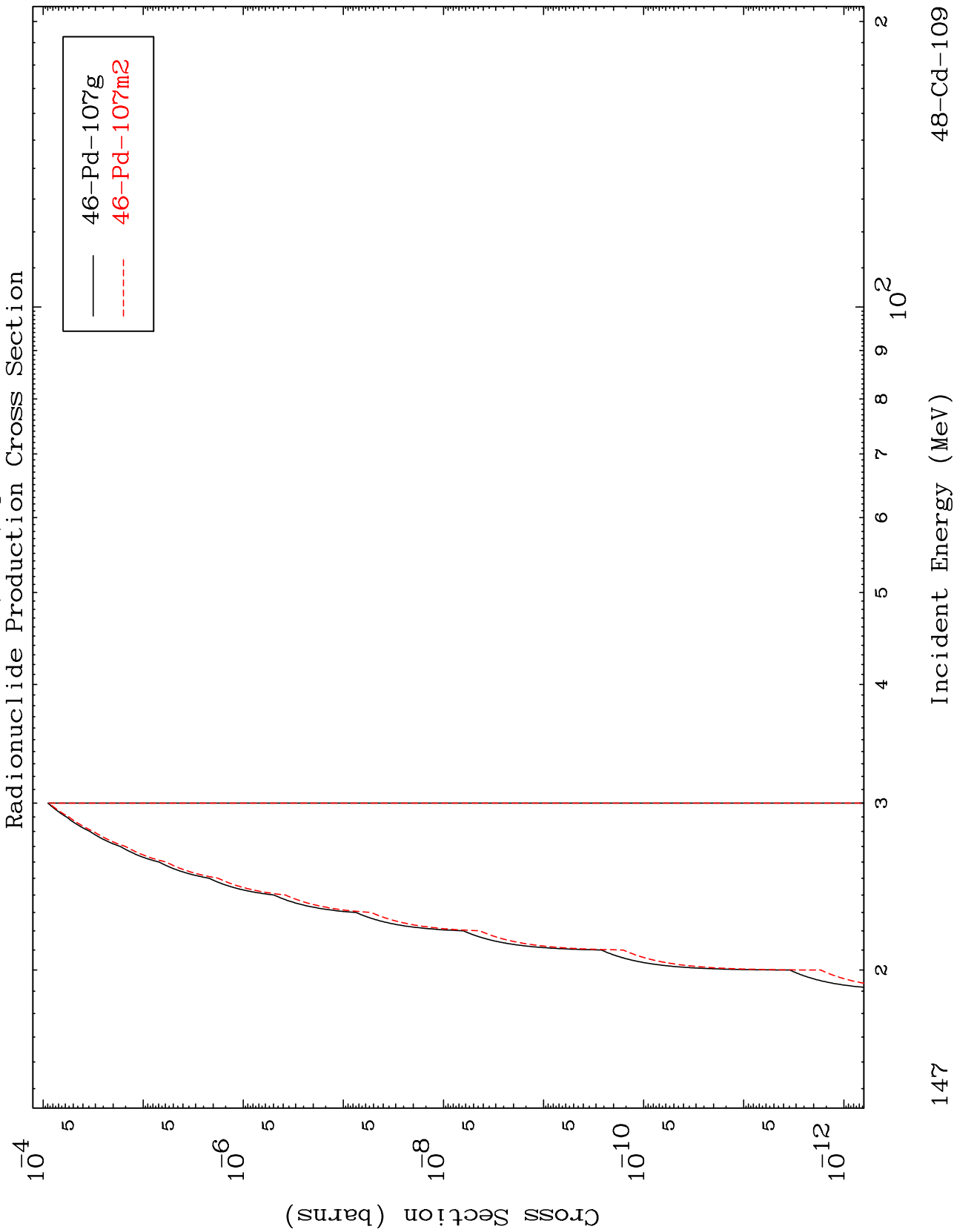
Incident Energy (MeV)

48-Cd-109

MAT 4834

(n,2n) p

48-Cd-109



147

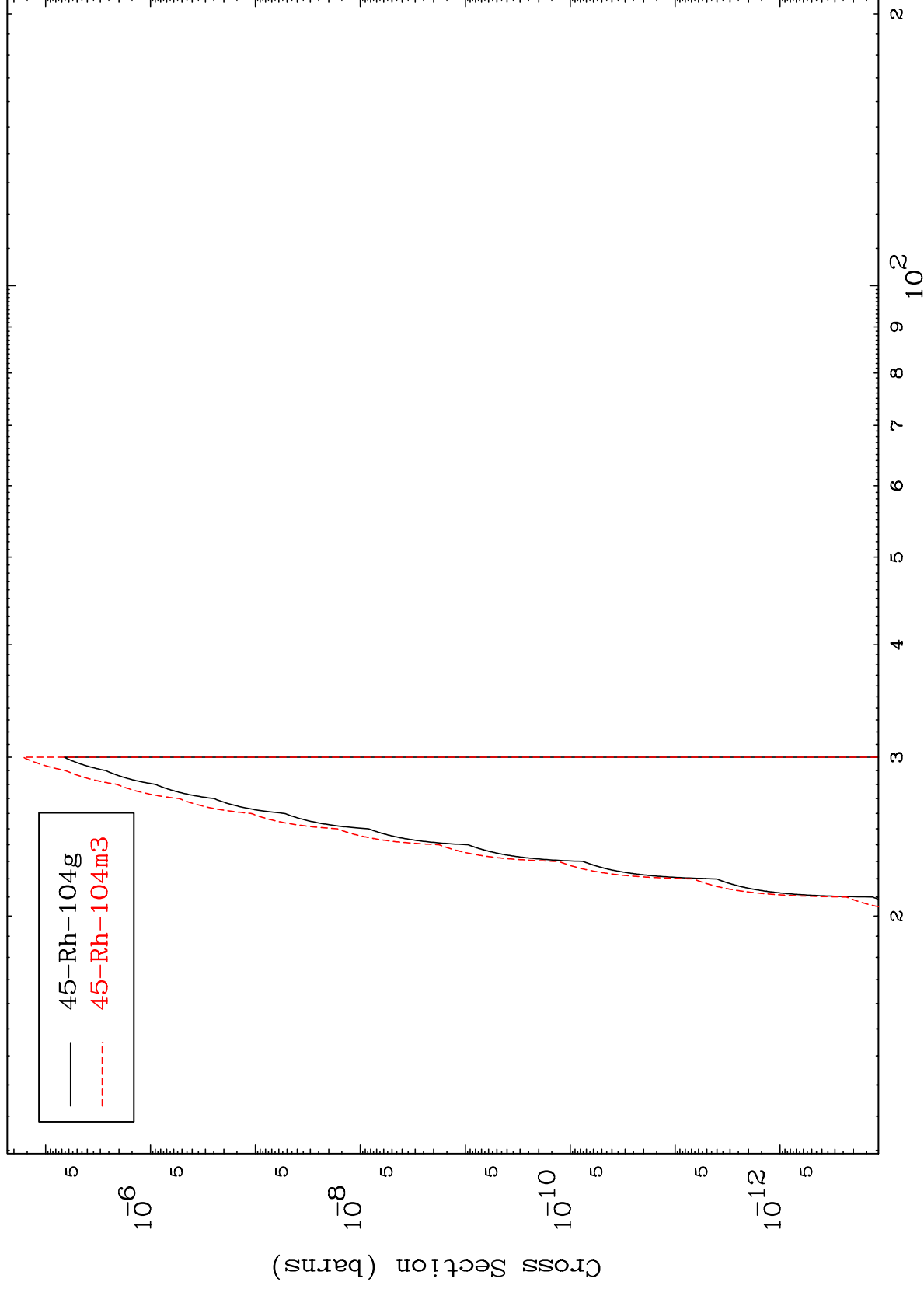
48-Cd-109

MAT 4834

(n,n') p  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



148

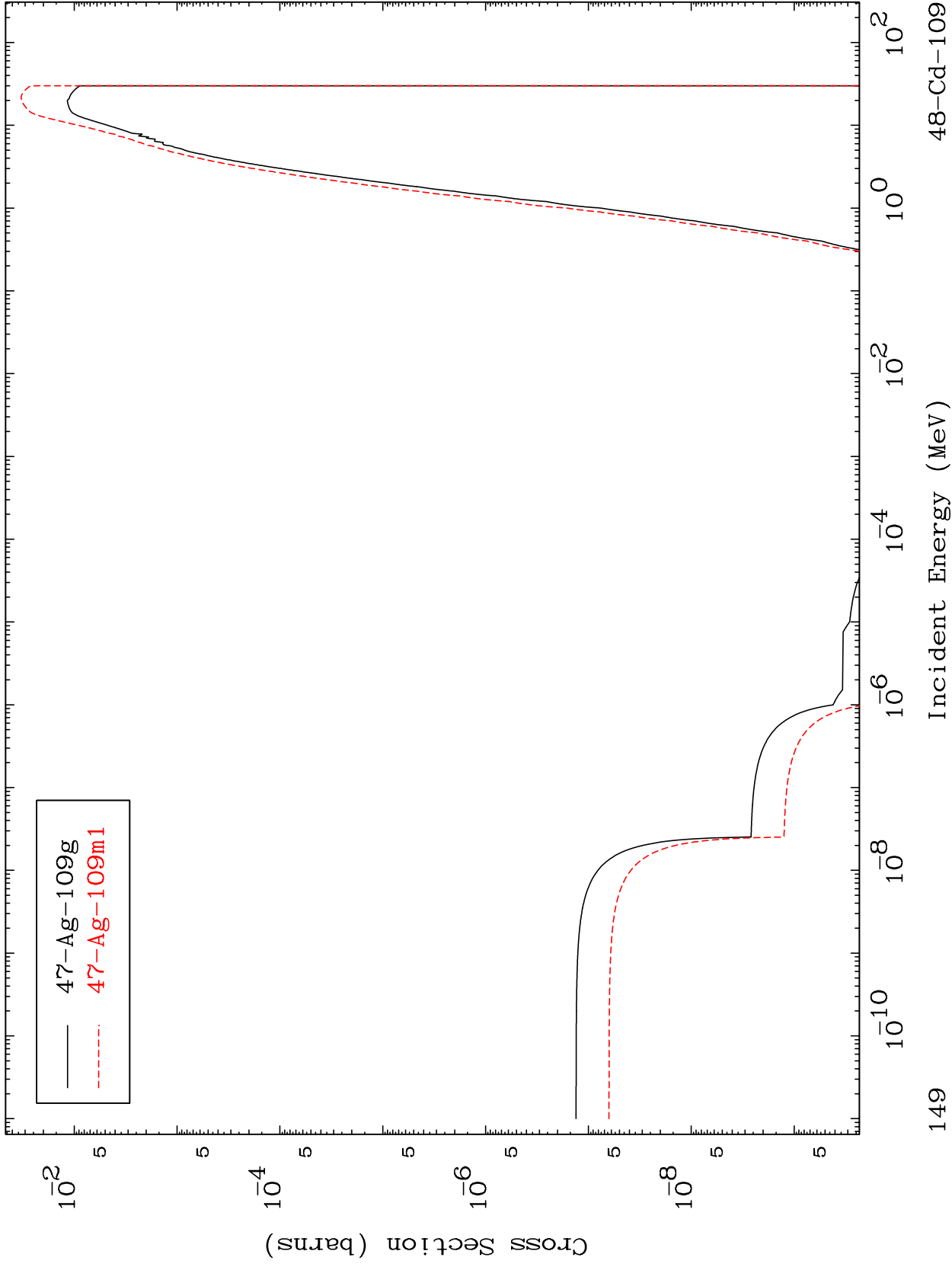
Incident Energy (MeV)

48-Cd-109

MAT 4834

Radionuclide Production Cross Section  
(n,p)

48-Cd-109

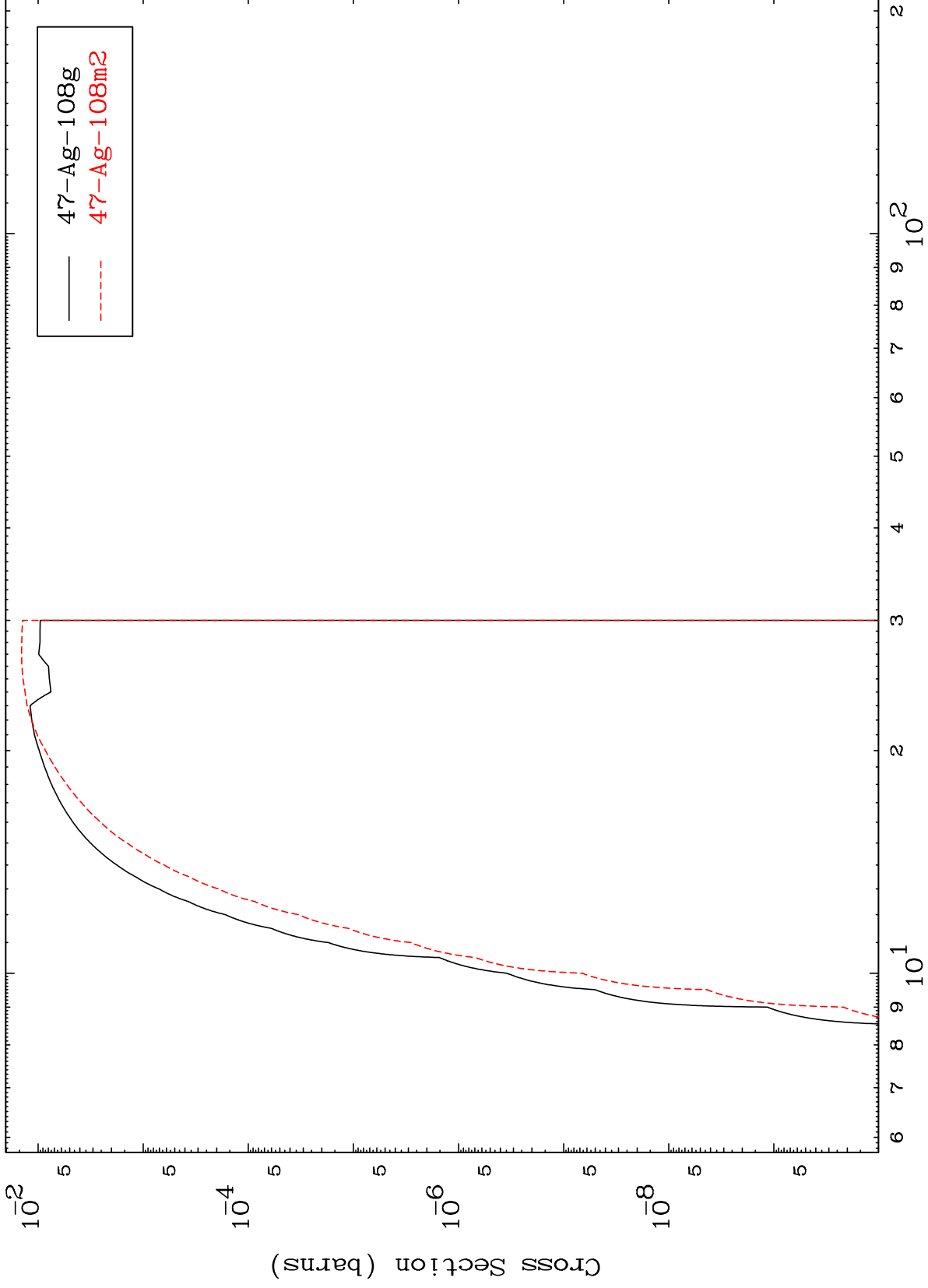


MAT 4834

(n,d)

48-Cd-109

Radionuclide Production Cross Section



150

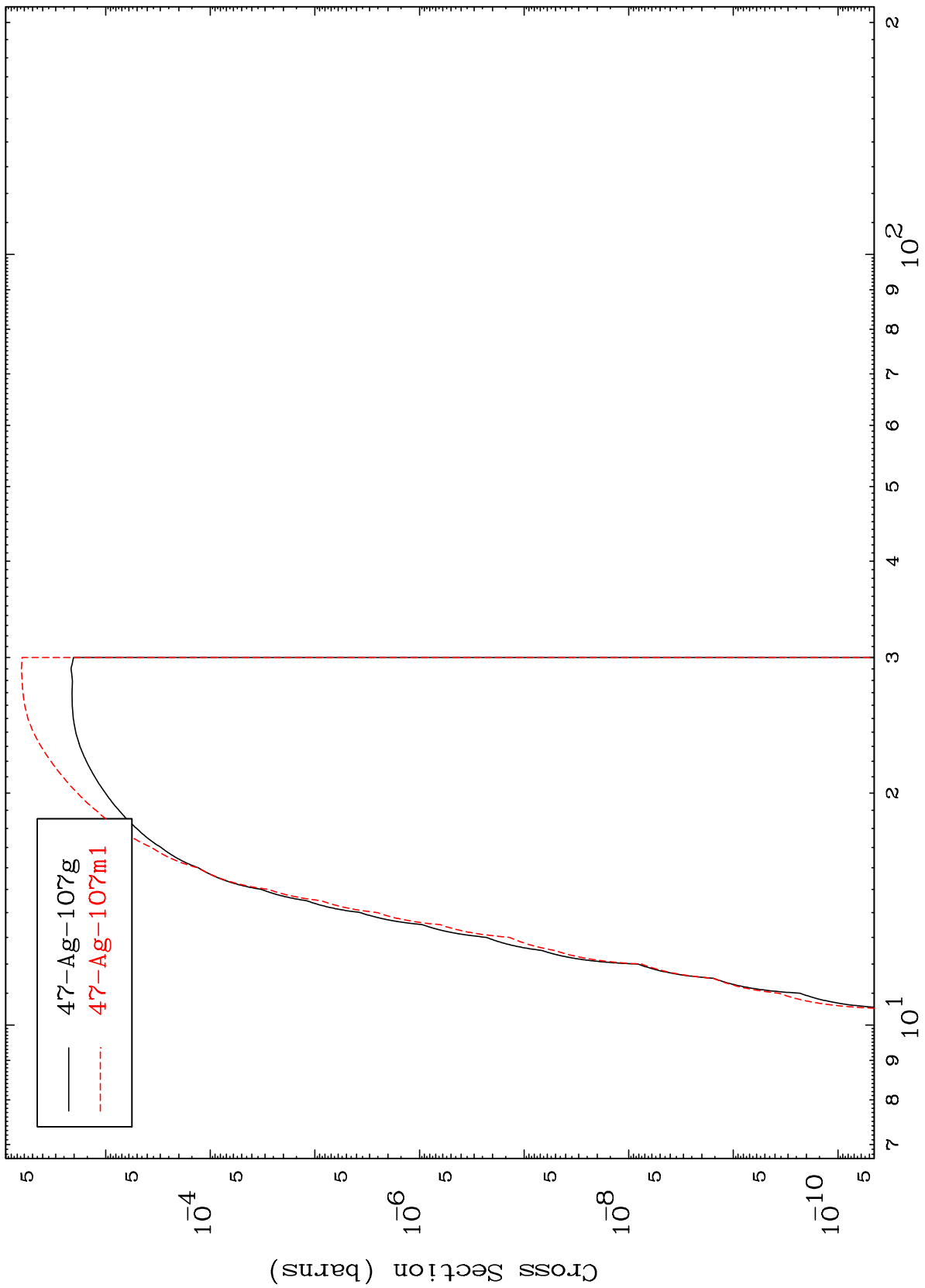
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

(n, t)  
Radionuclide Production Cross Section



151

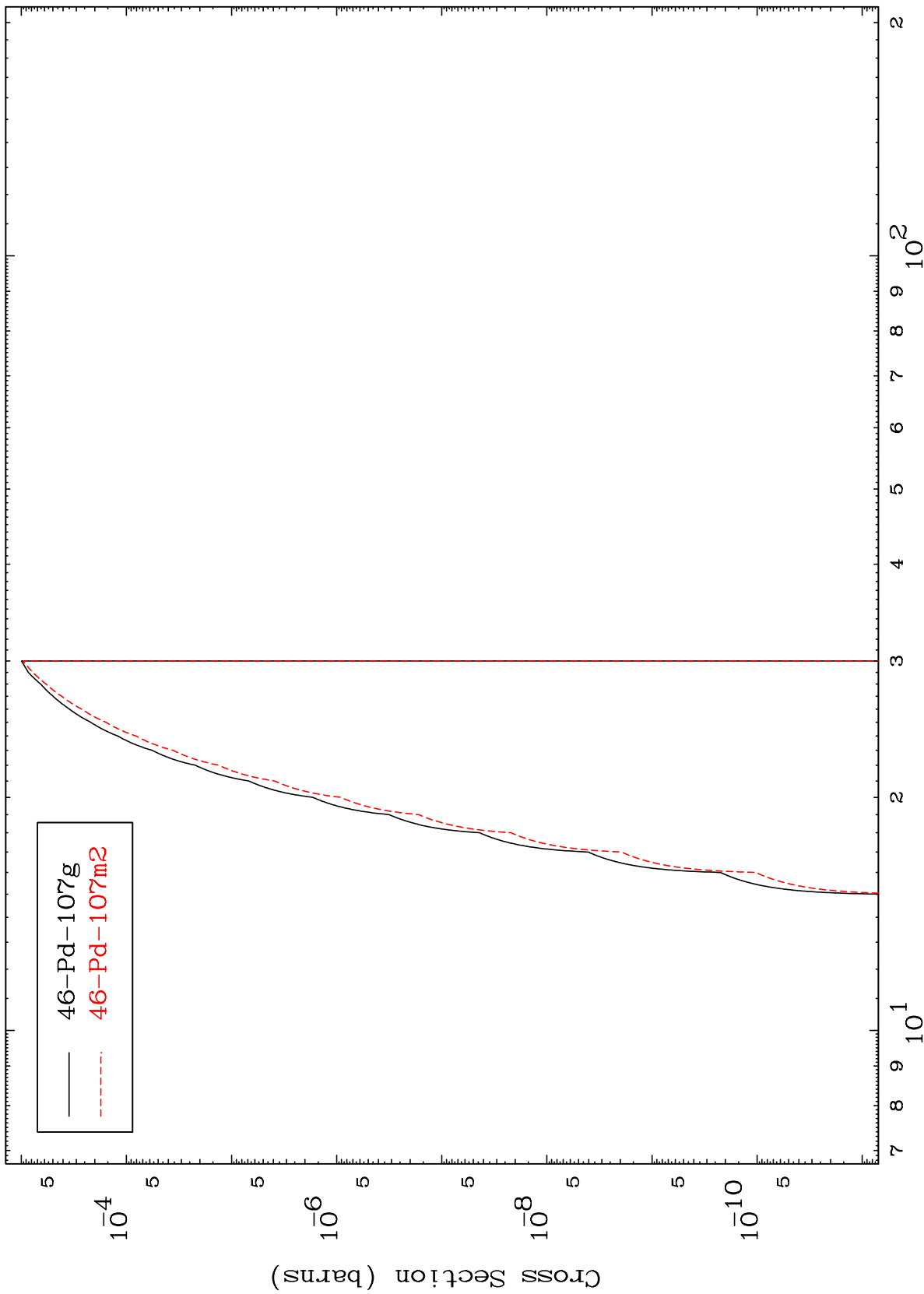
Incident Energy (MeV)

48-Cd-109

MAT 4834

48-Cd-109

Radionuclide Production Cross Section  
(n,He-3)



152

Incident Energy (MeV)

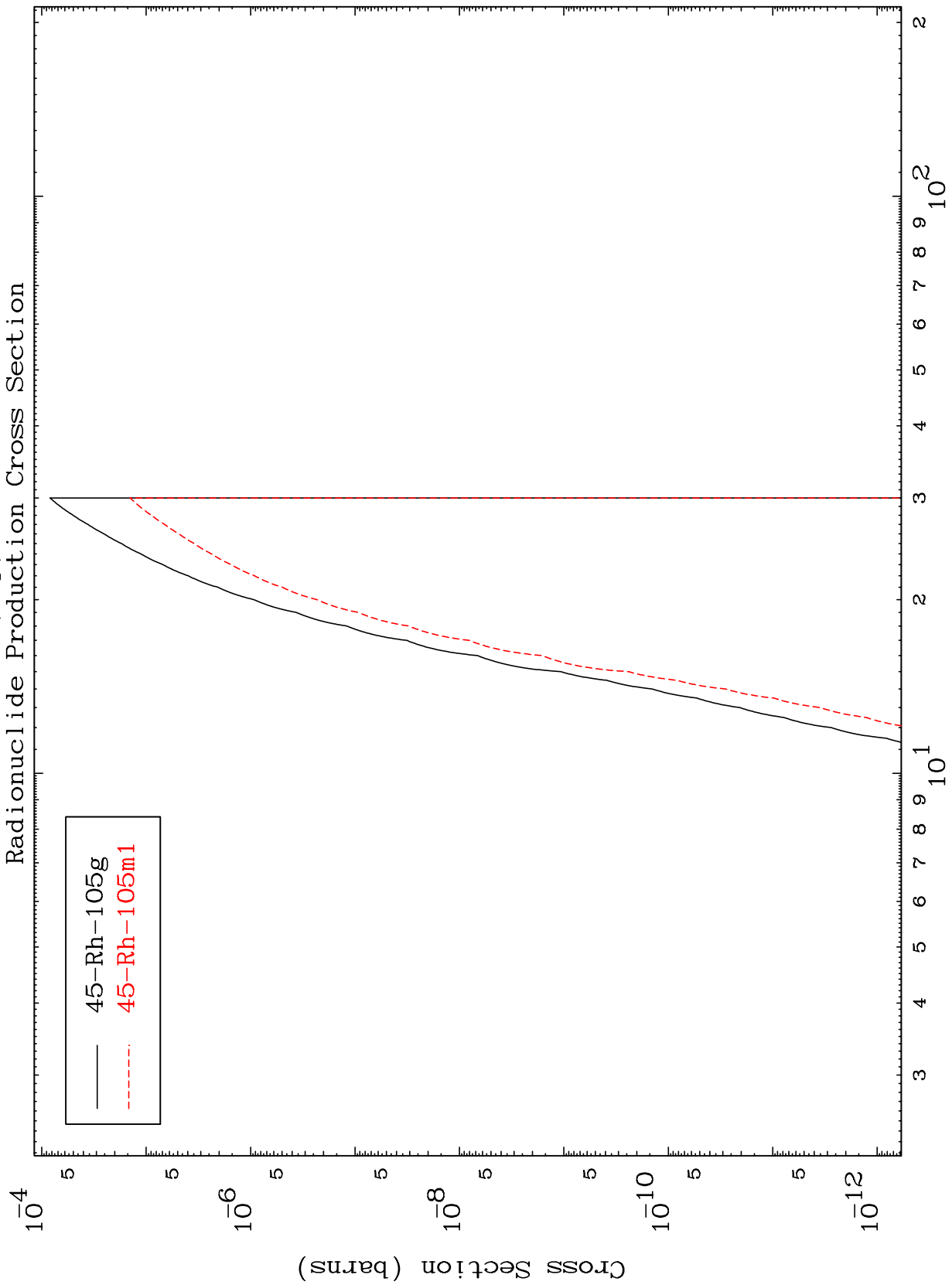
48-Cd-109

MAT 4834

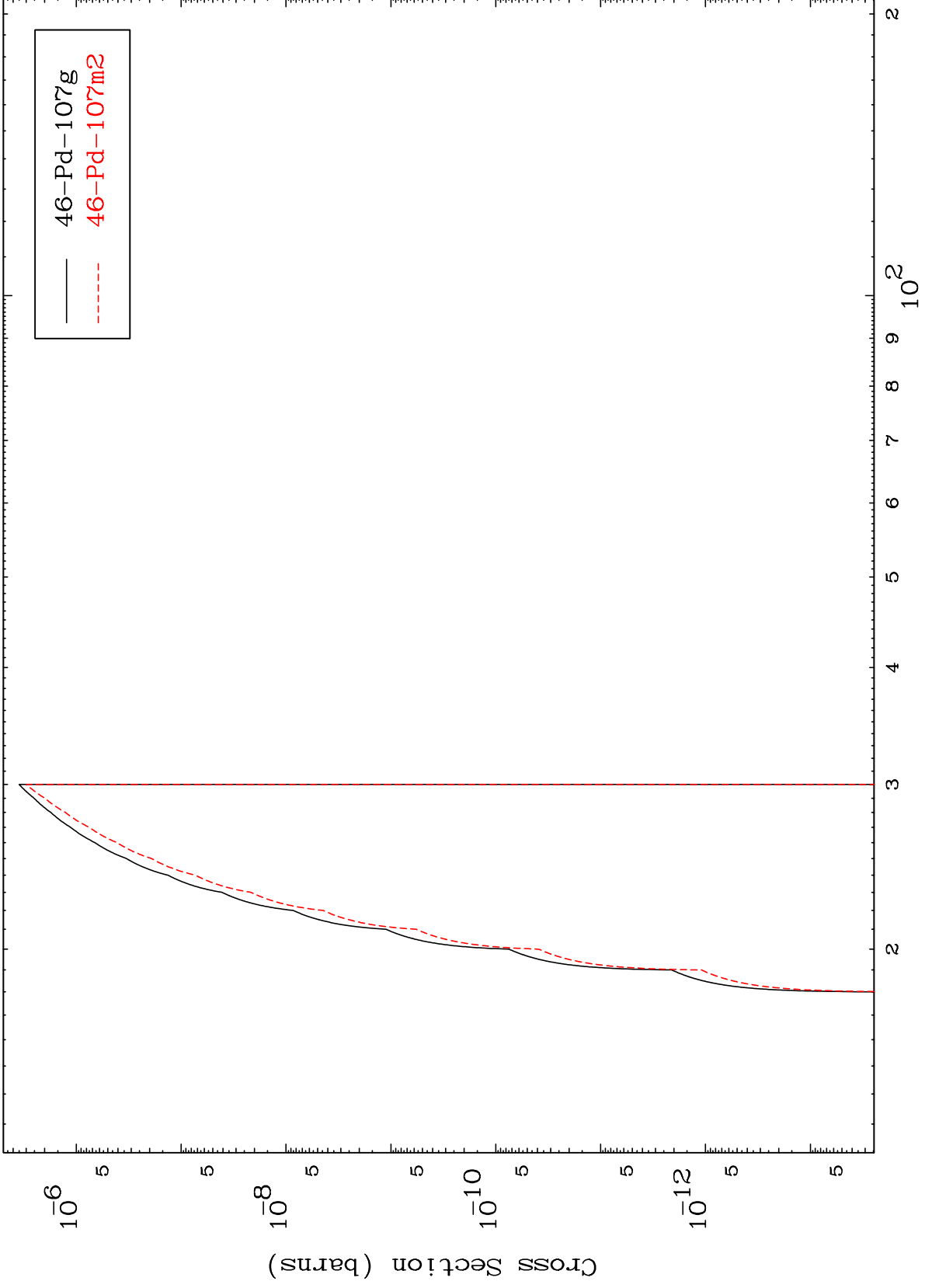
(n,p)  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



Radionuclide Production Cross Section

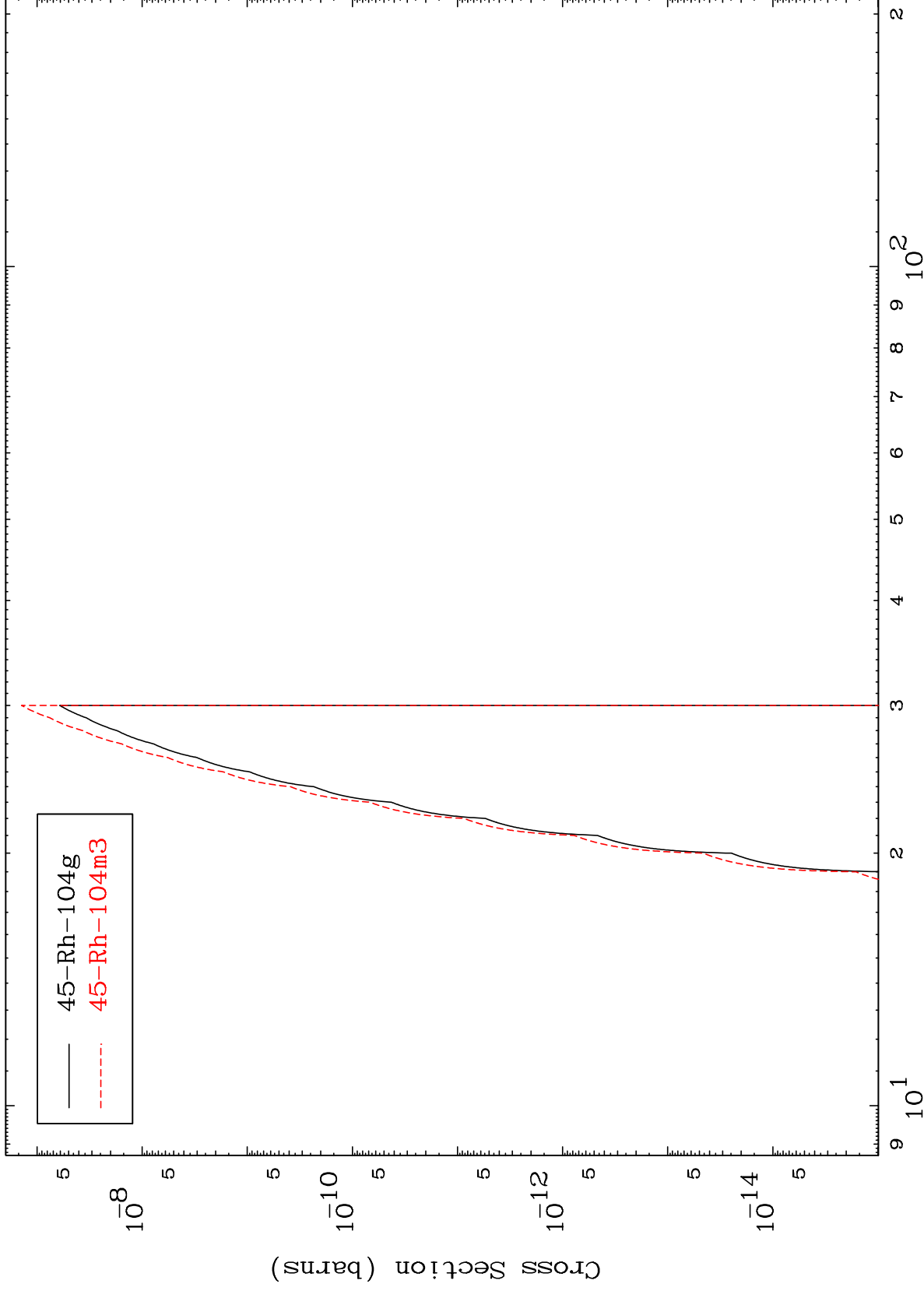


MAT 4834

(n,d)  $\alpha$

48-Cd-109

Radionuclide Production Cross Section



155

Incident Energy (MeV)

48-Cd-109