

Program EVALPLOT
(Version 2021-1)

by

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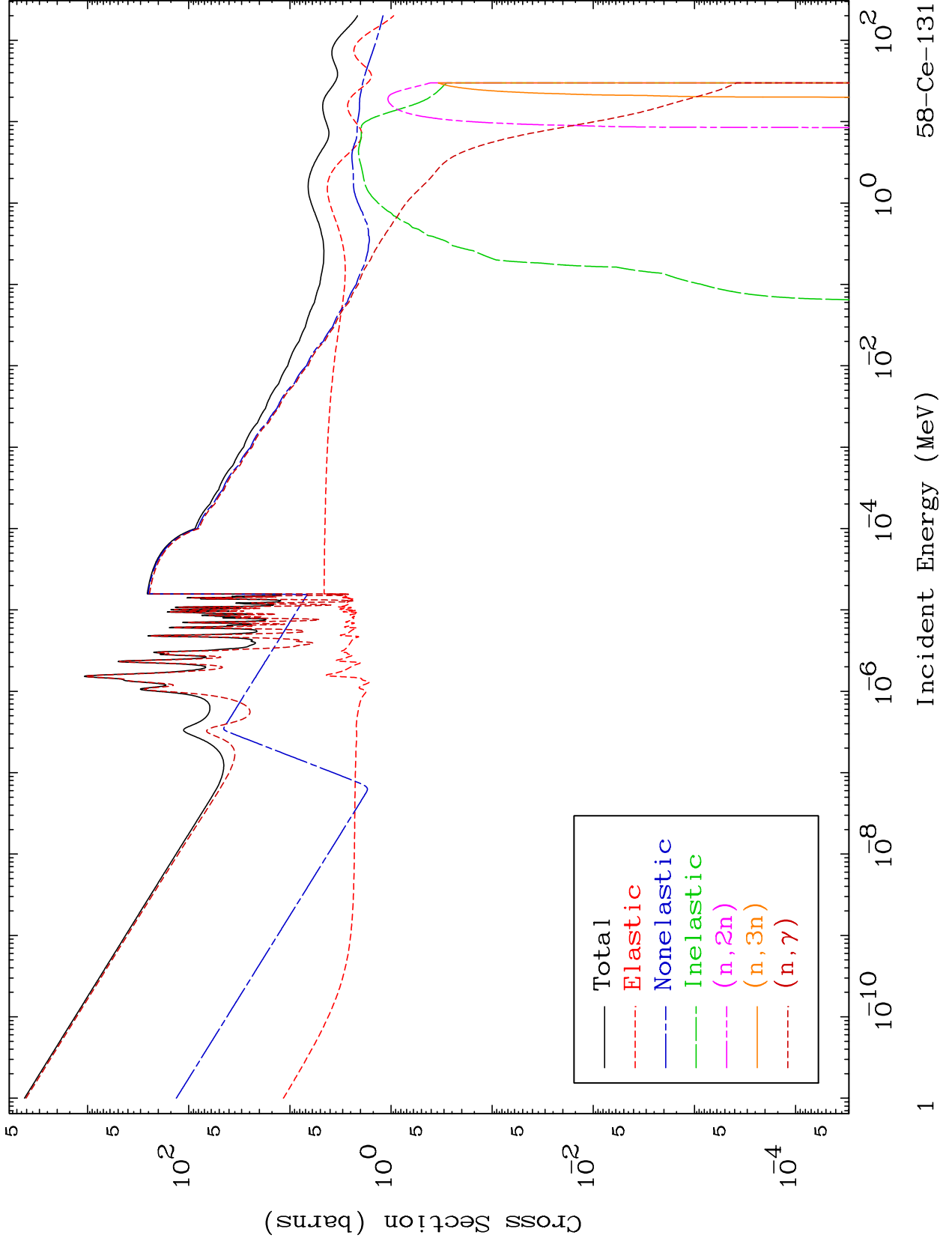
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Press Mouse Button to Start

MAT 5810

Neutron Major
293 Kelvin Cross Sections

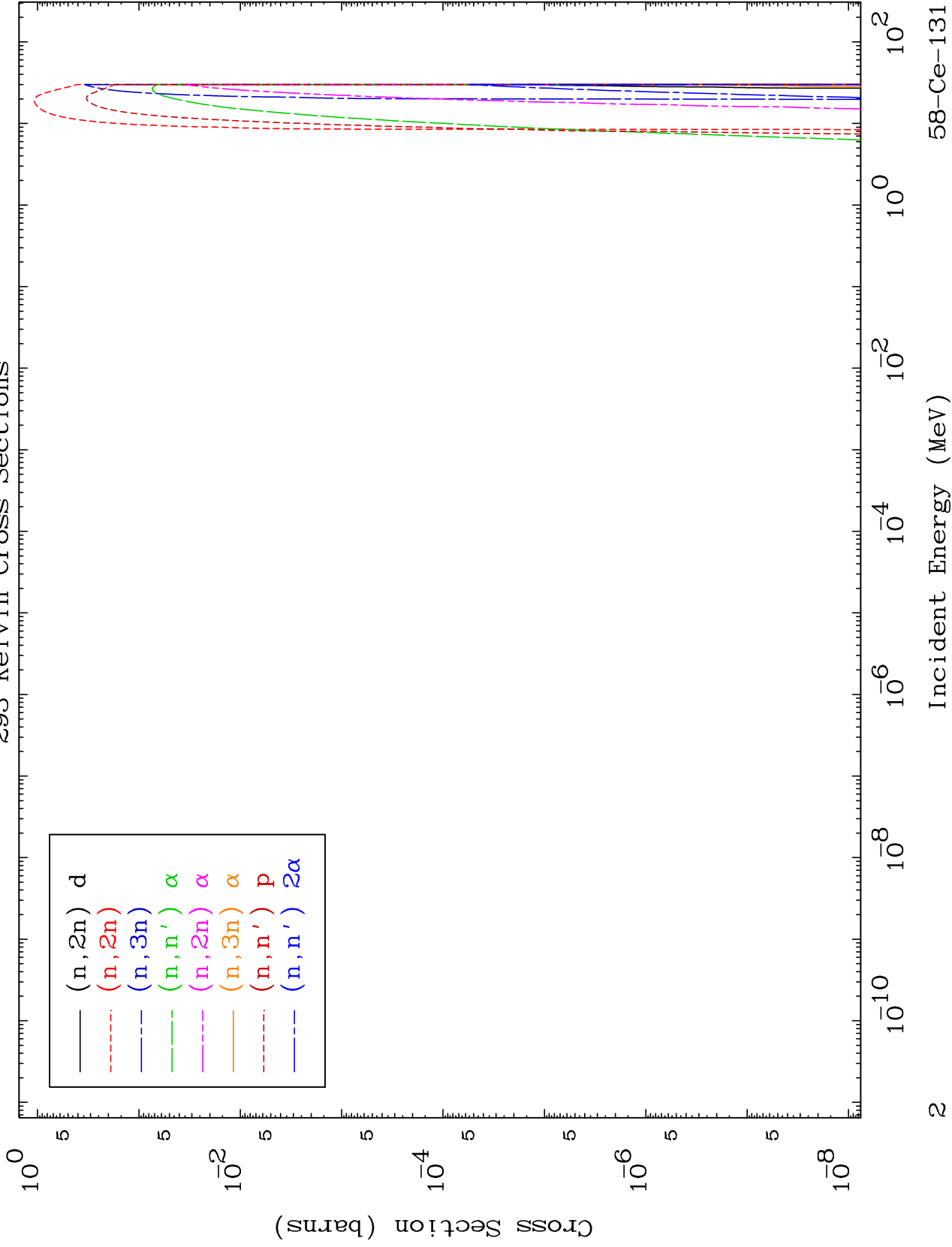
58-Ce-131



MAT 5810

Neutron Absorption
293 Kelvin Cross Sections

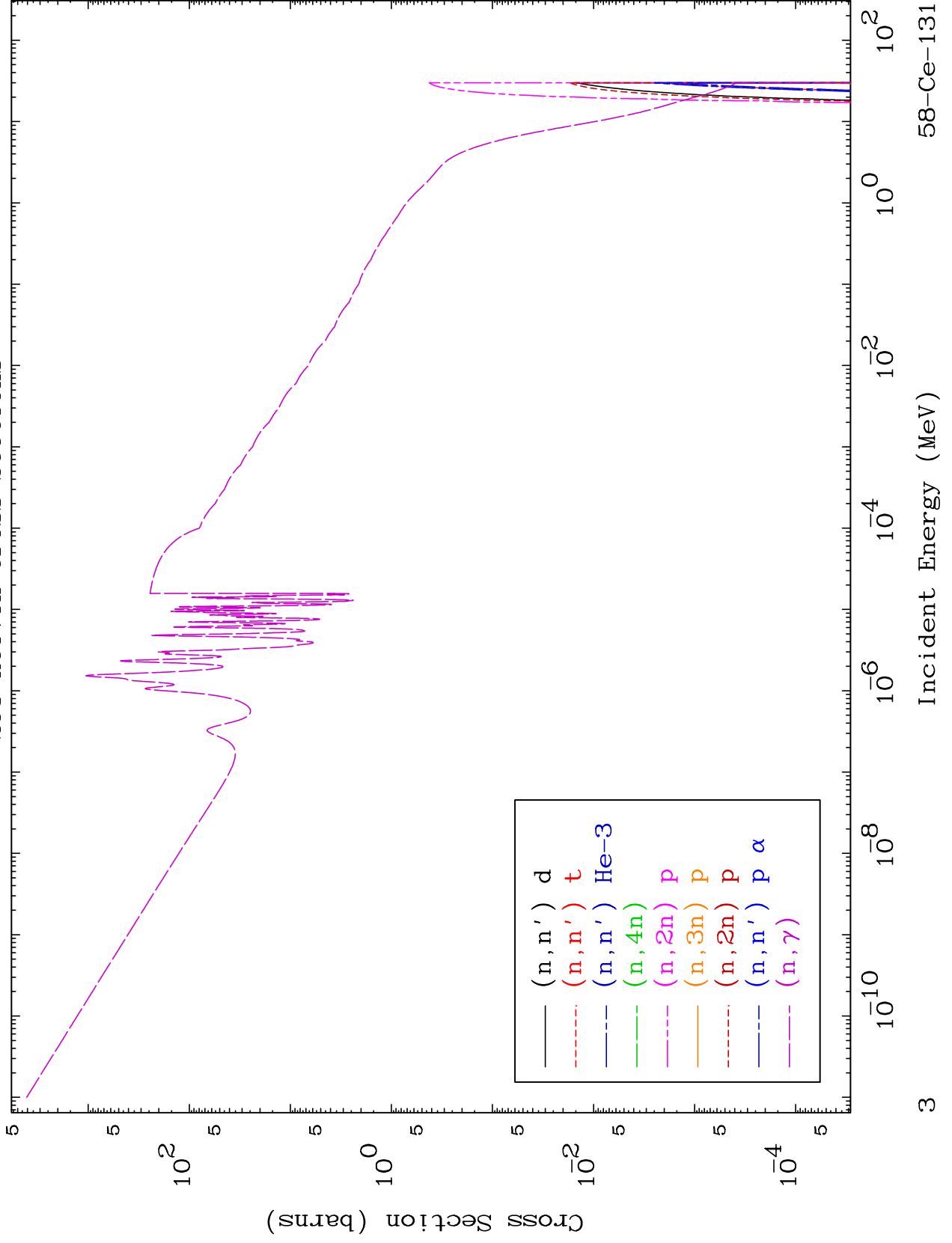
58-Ce-131



MAT 5810

Neutron Absorption
293 Kelvin Cross Sections

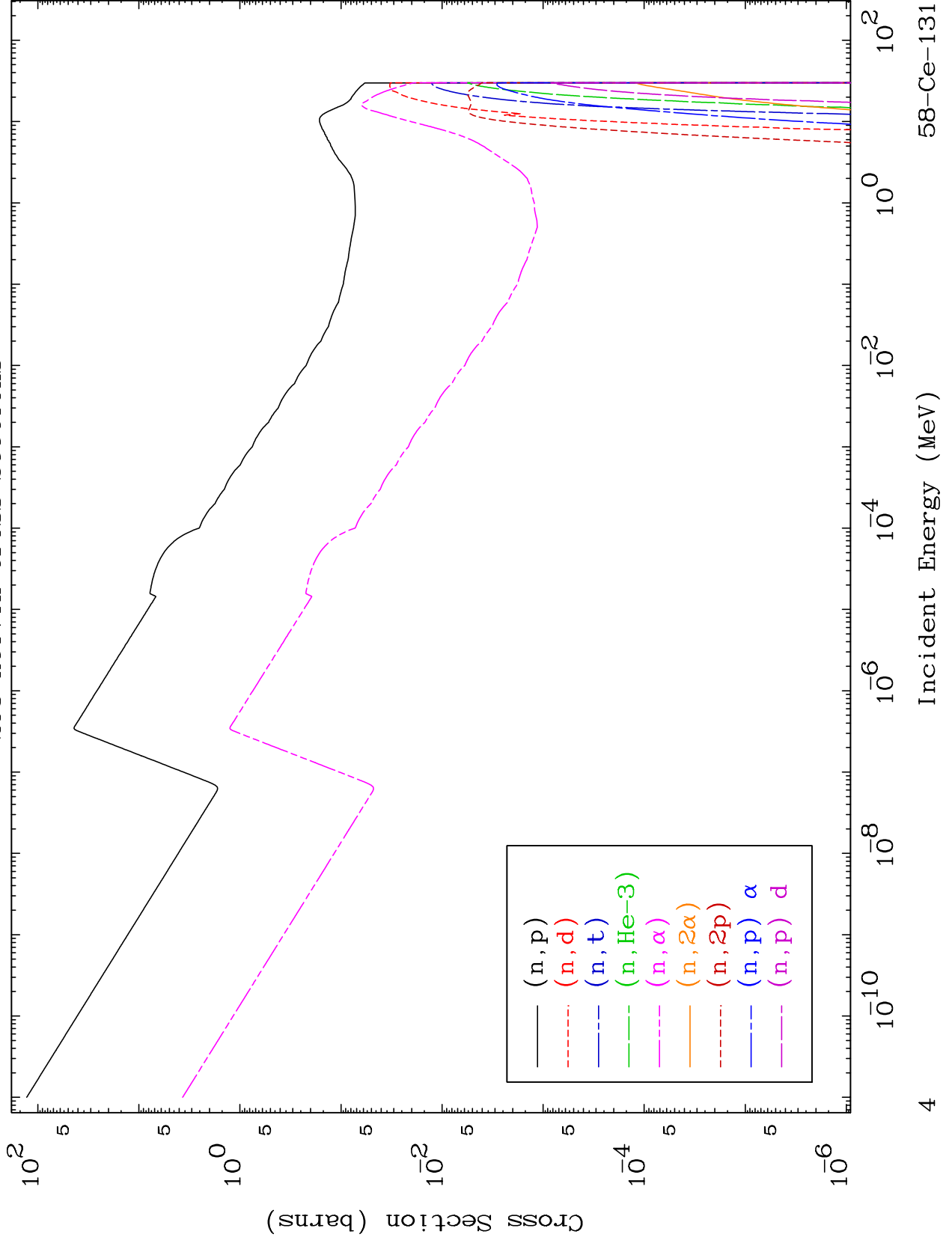
58-Ce-131

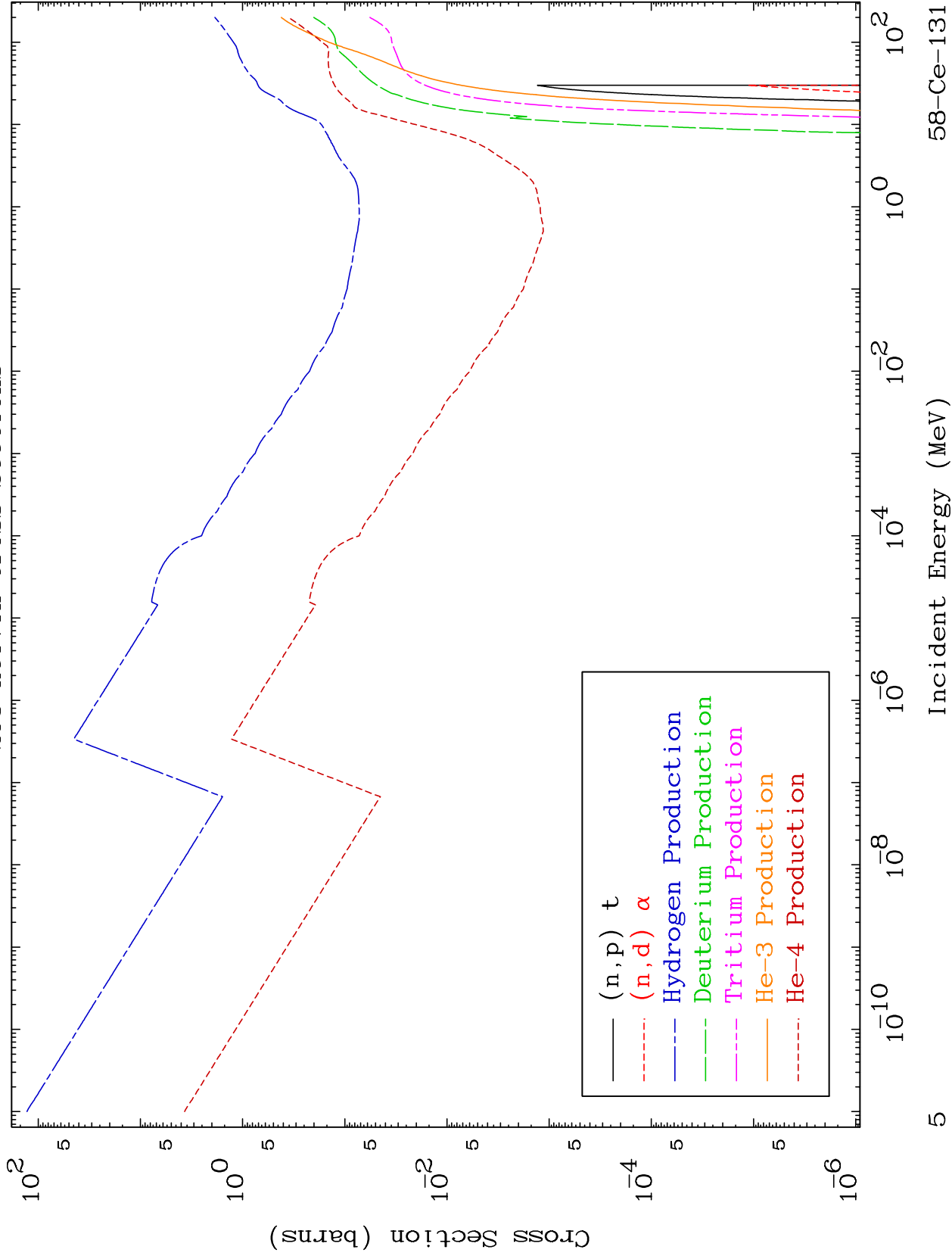


MAT 5810

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-131

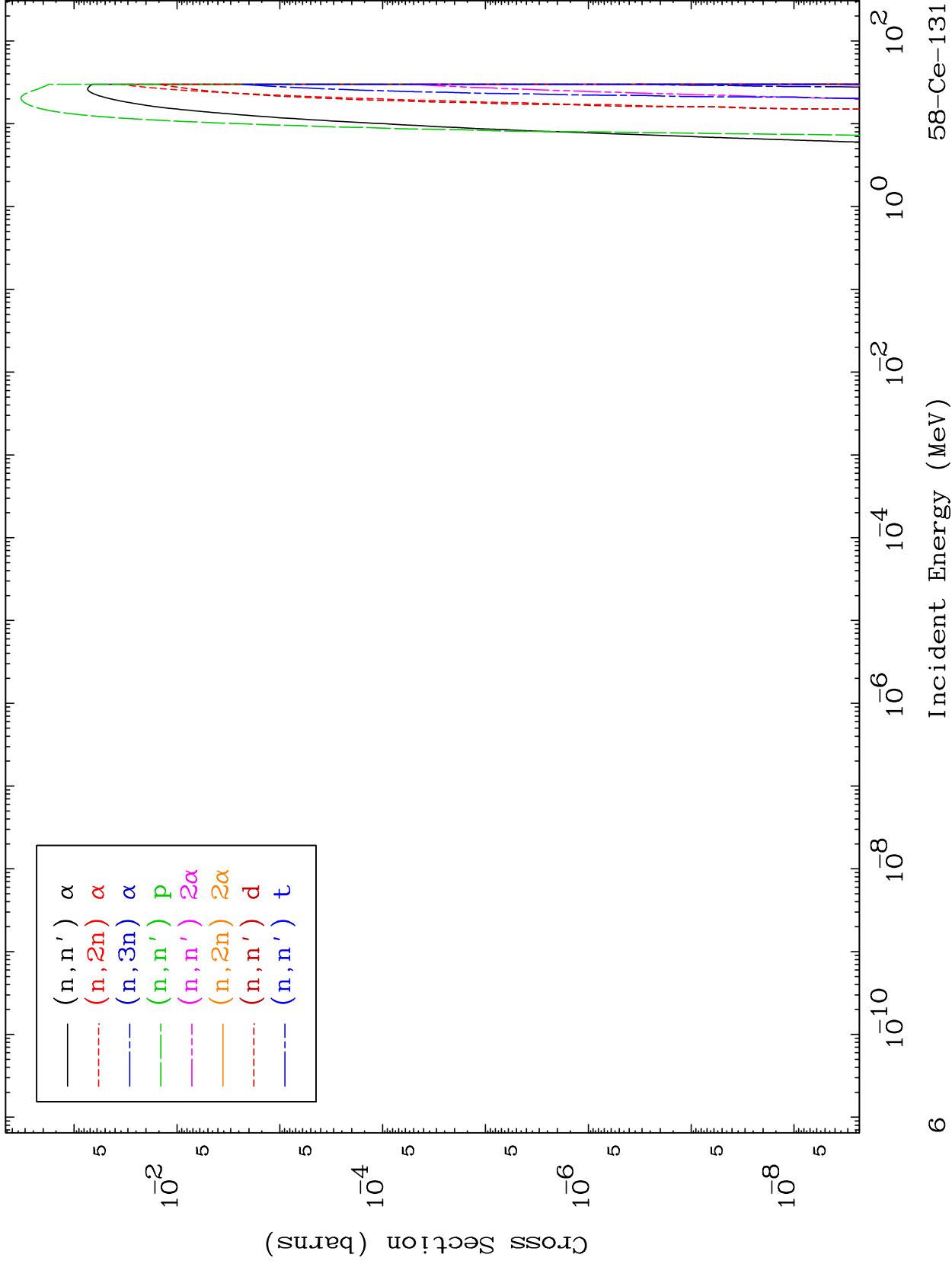




MAT 5810

Charged Particle
293 Kelvin Cross Sections

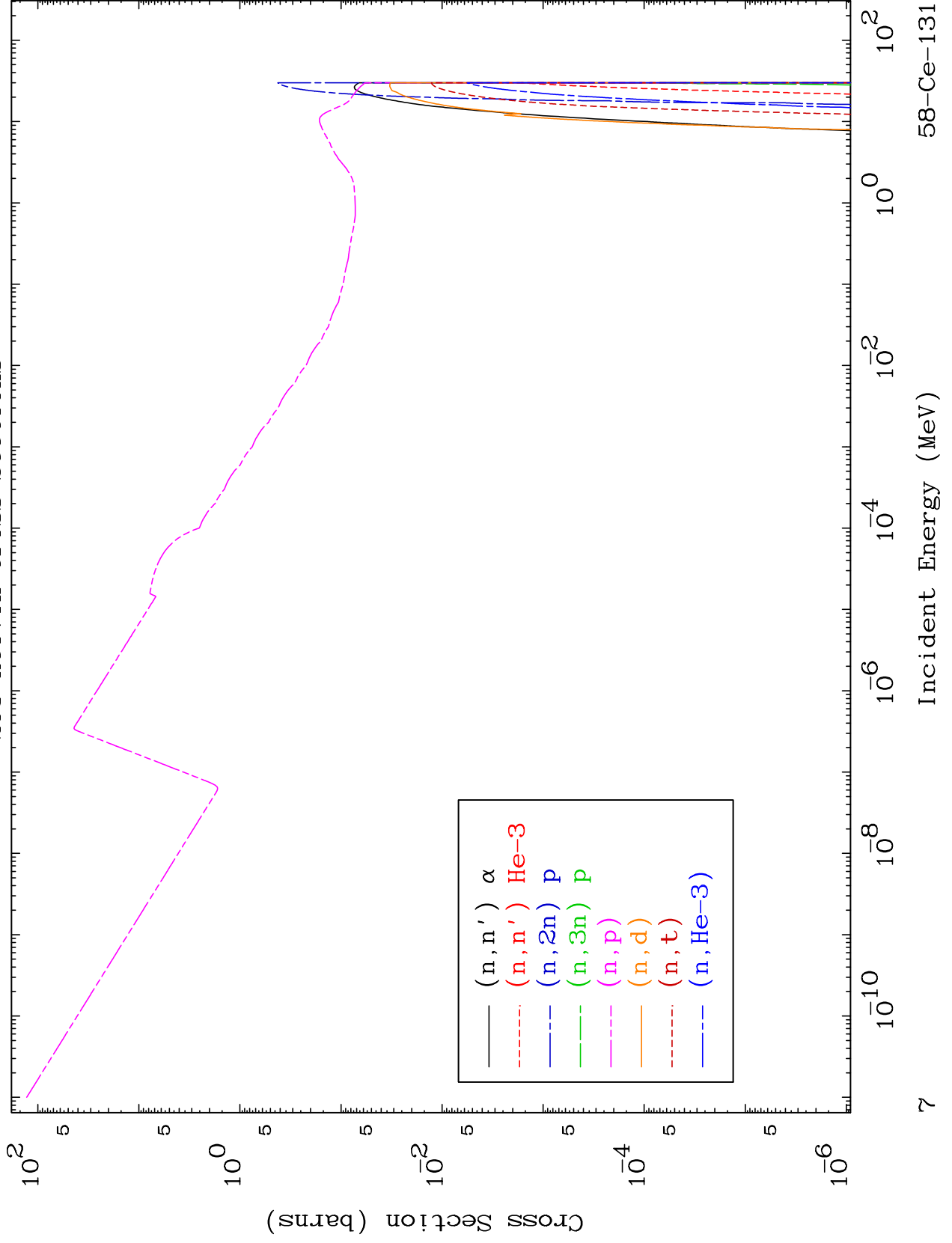
58-Ce-131



MAT 5810

Charged Particle
293 Kelvin Cross Sections

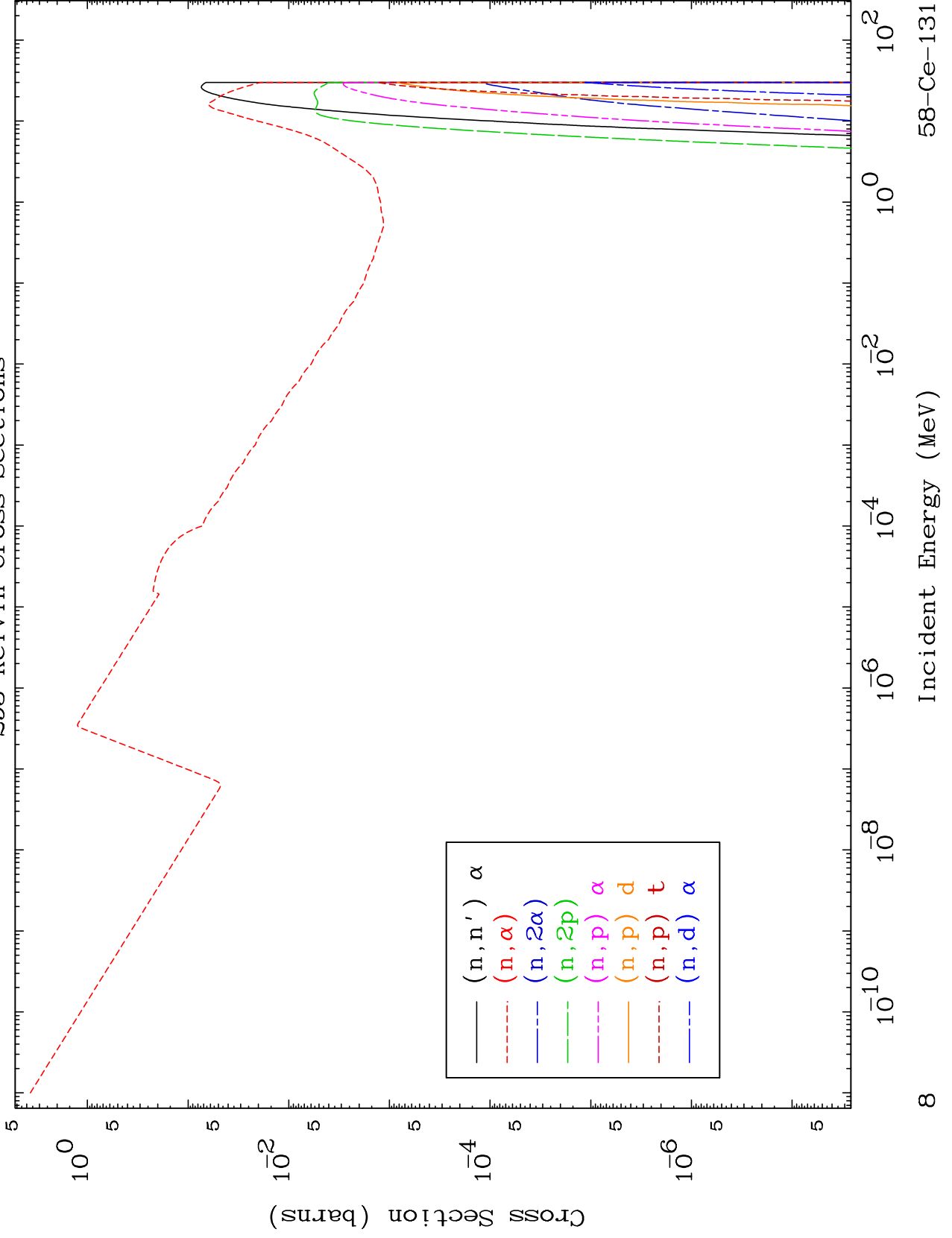
58-Ce-131

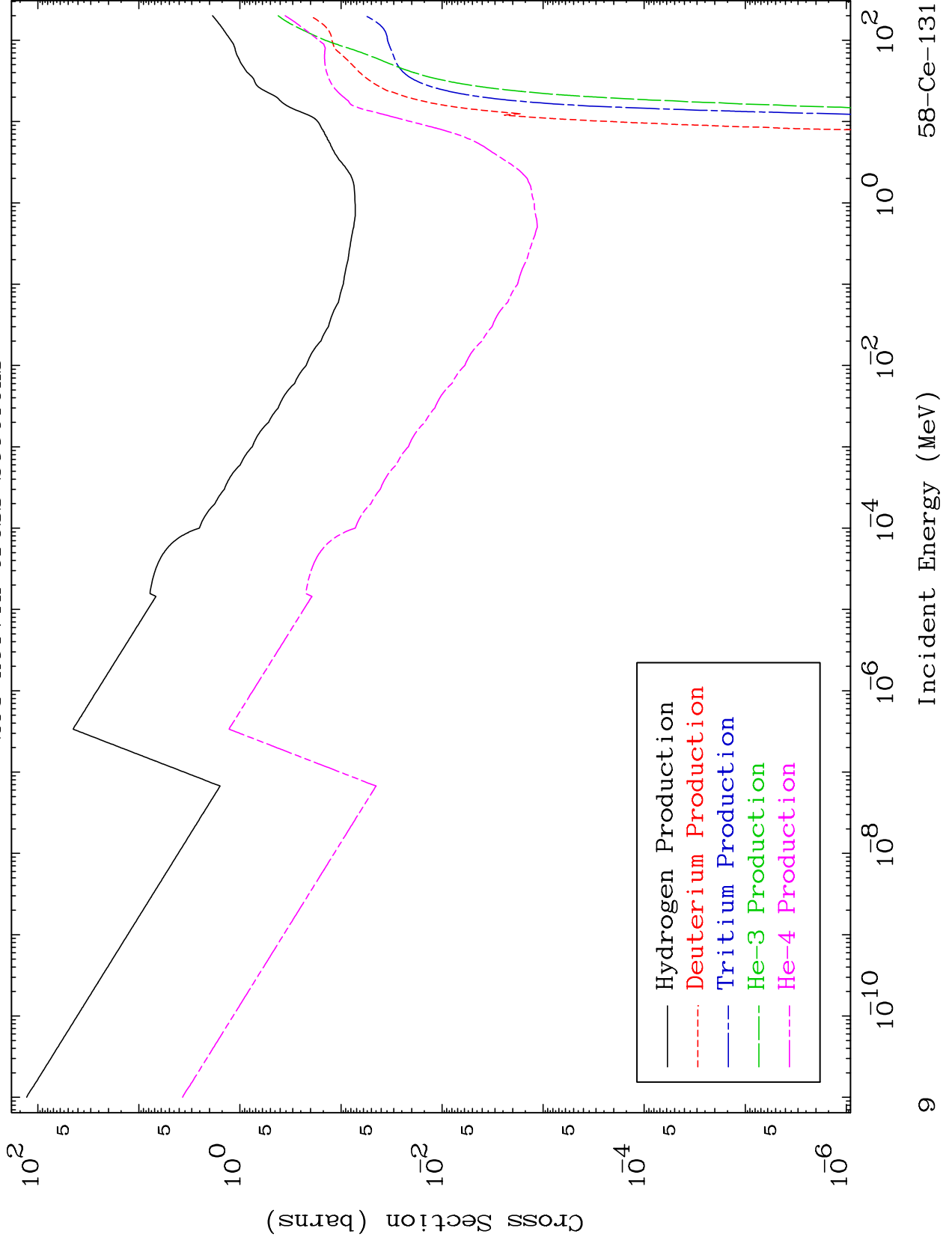


MAT 5810

Charged Particle
293 Kelvin Cross Sections

58-Ce-131

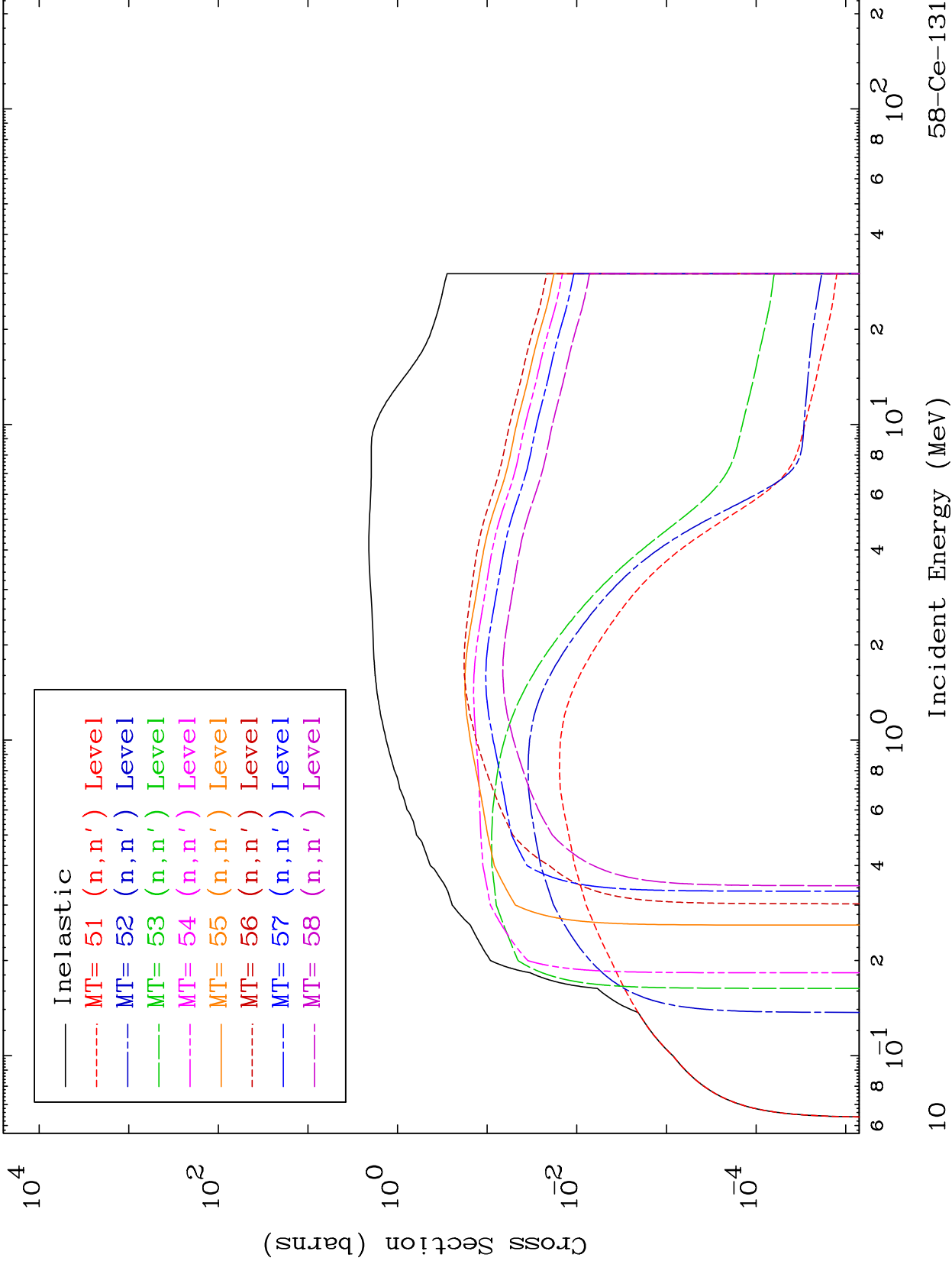




MAT 5810

(n,n') Levels
293 Kelvin Cross Sections

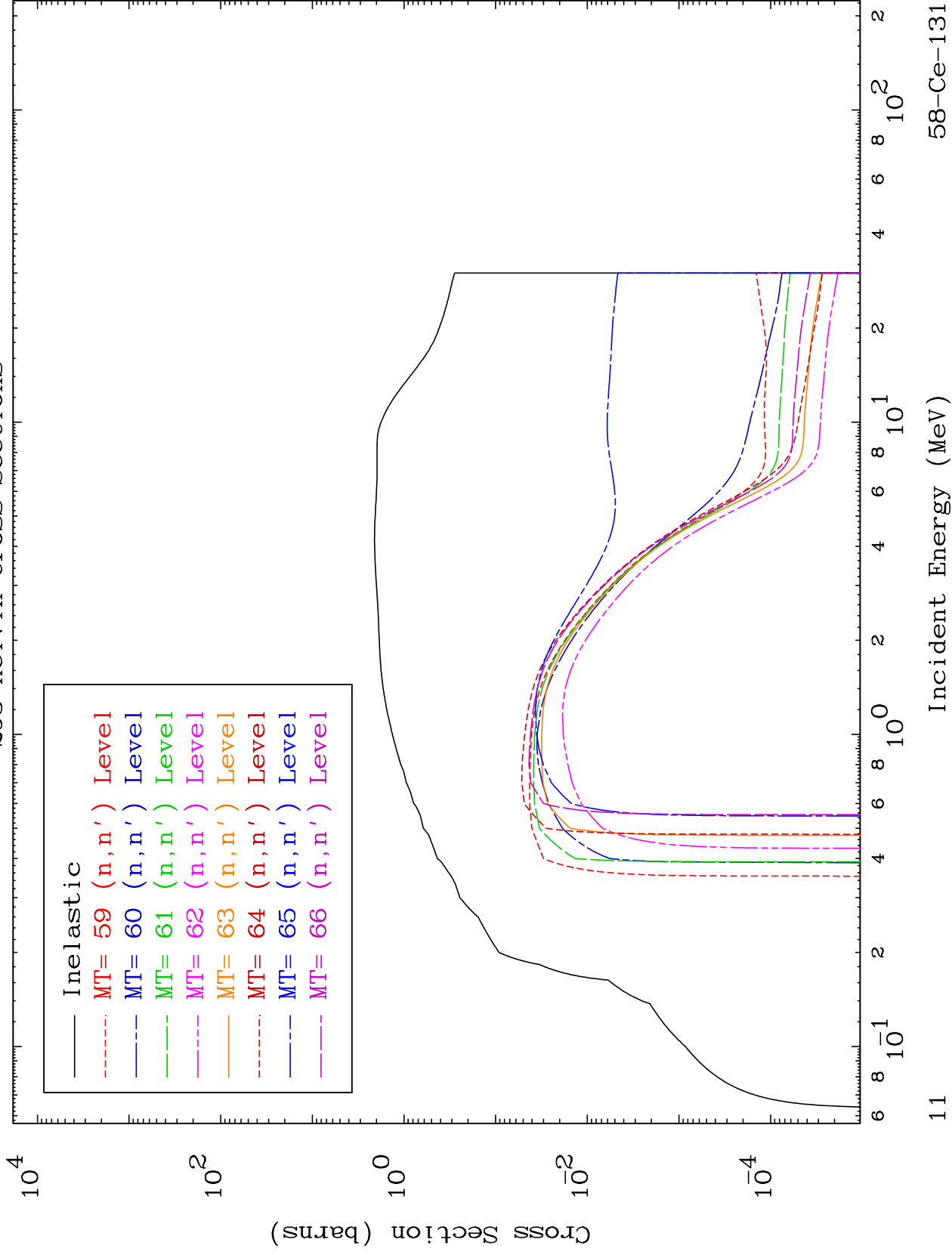
58-Ce-131



MAT 5810

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-131

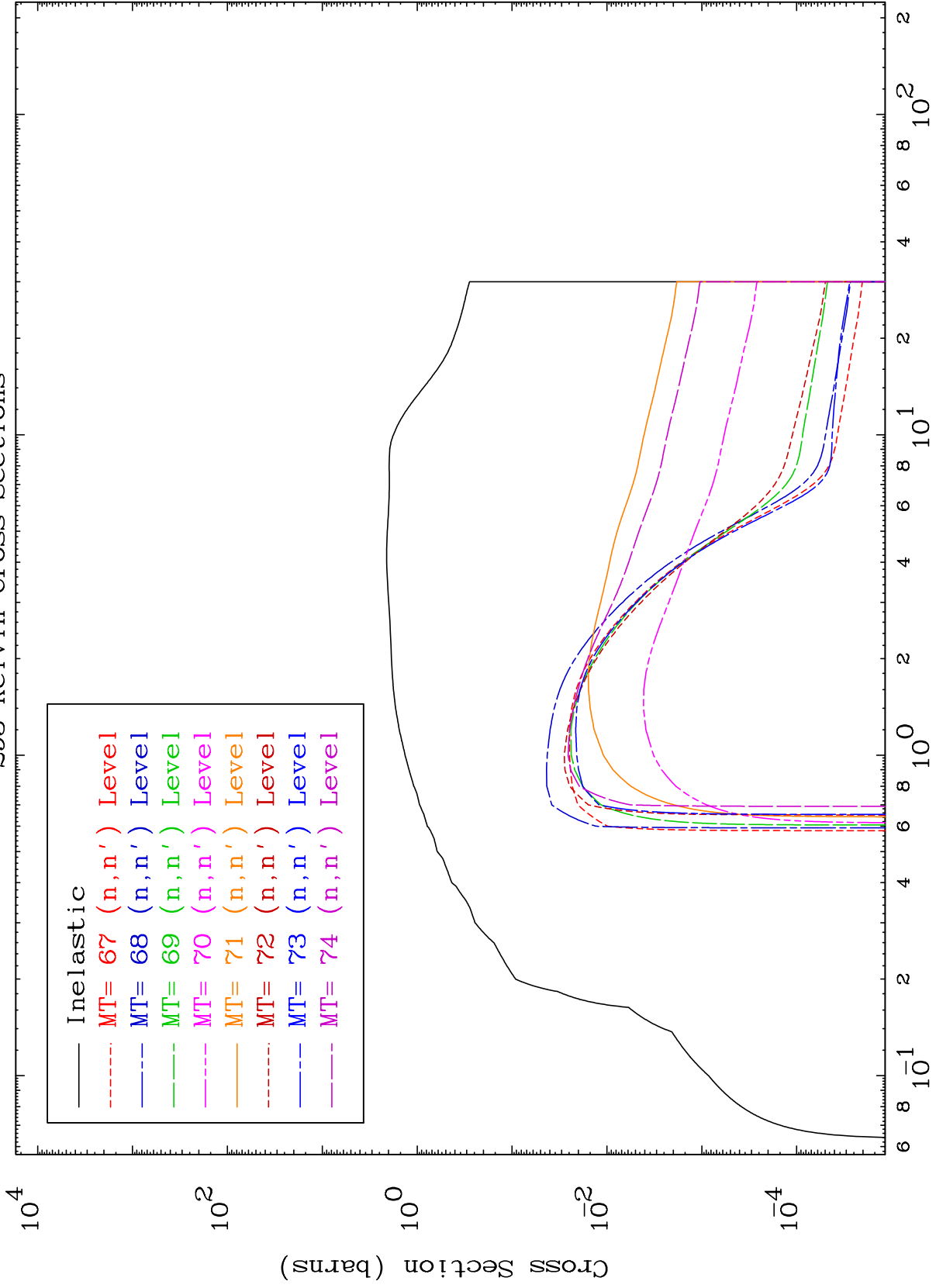


MAT 5810

(n,n') Levels

58-Ce-131

293 Kelvin Cross Sections



12

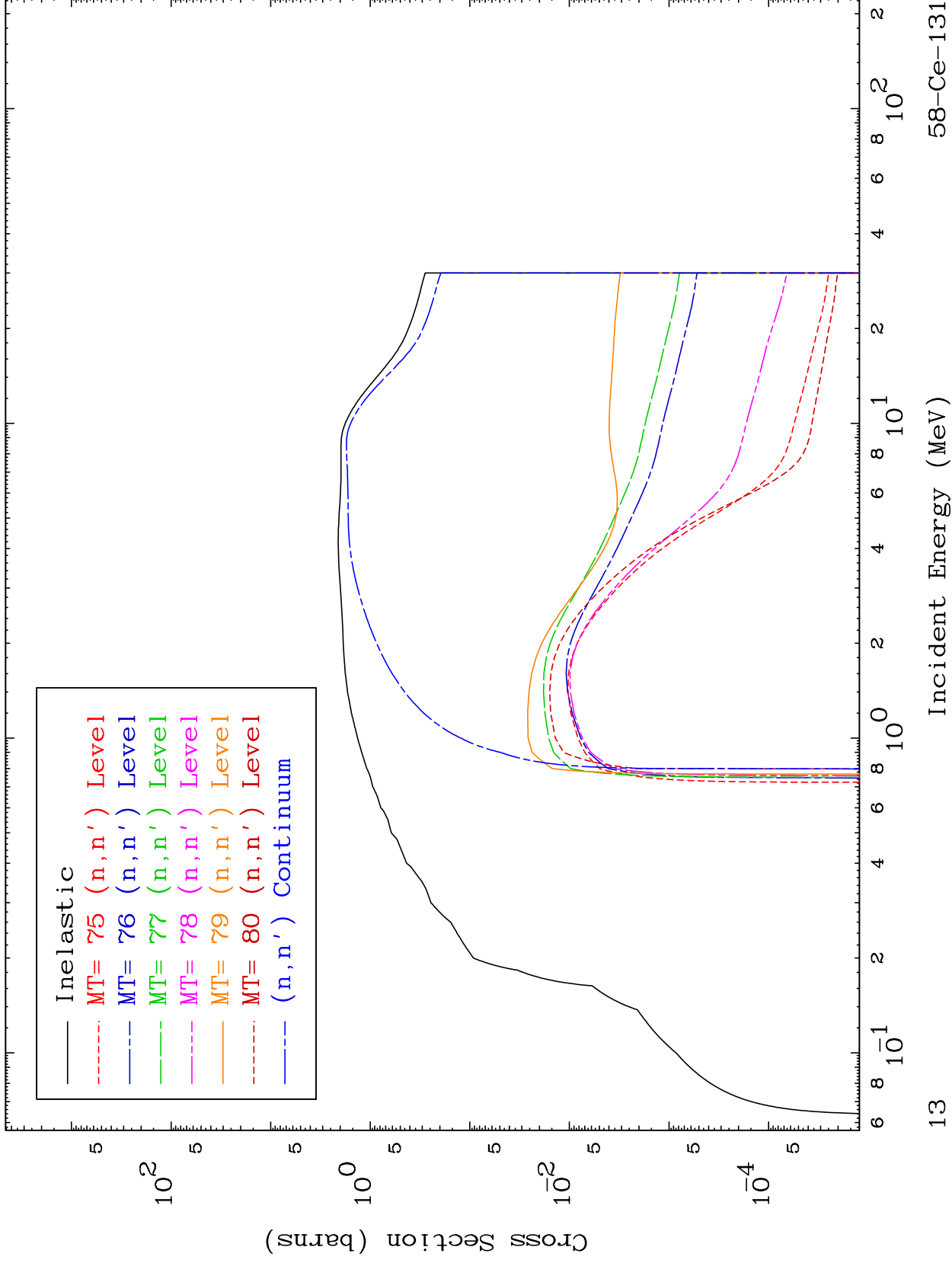
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-131



13

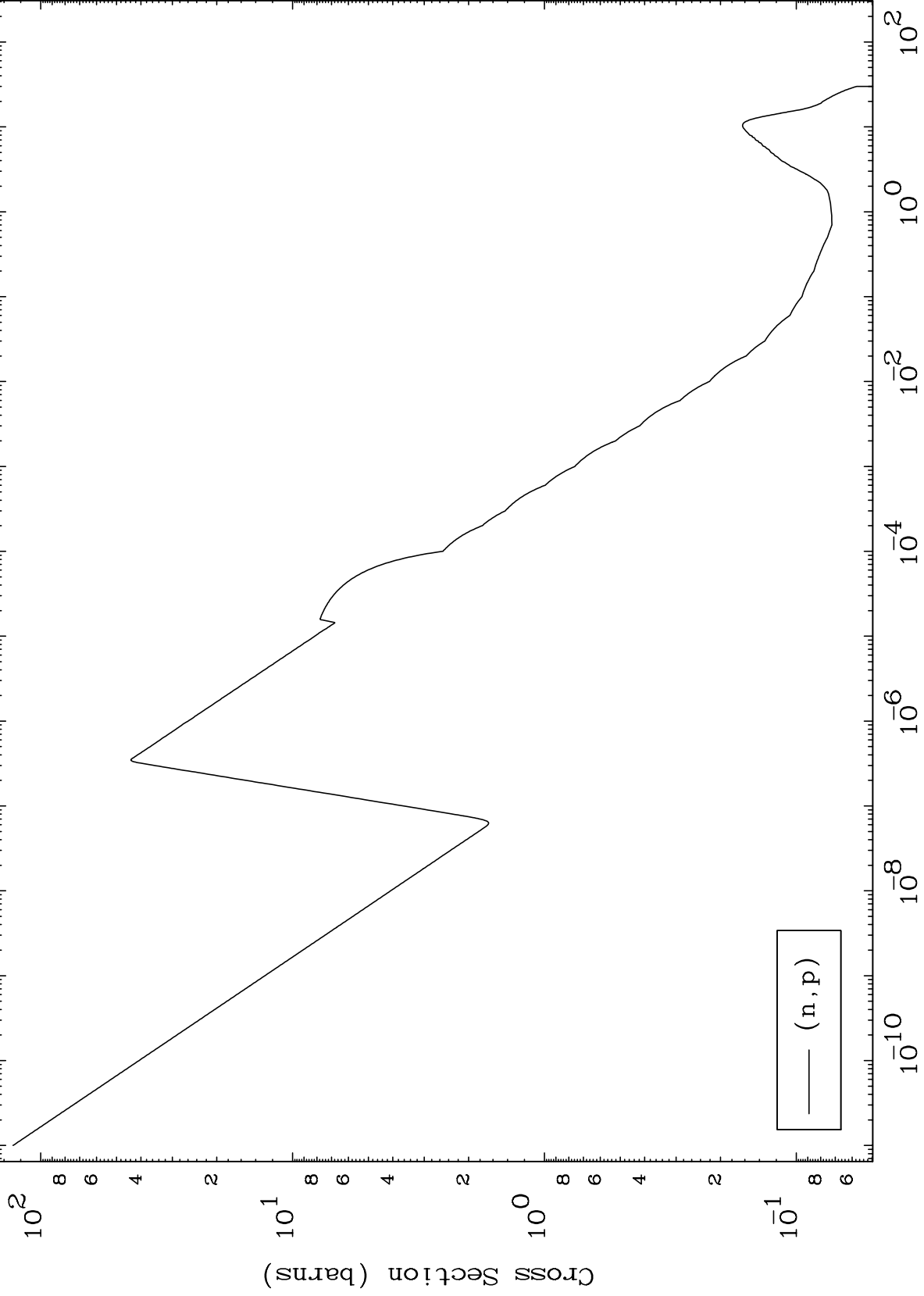
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,p) Levels
293 Kelvin Cross Sections

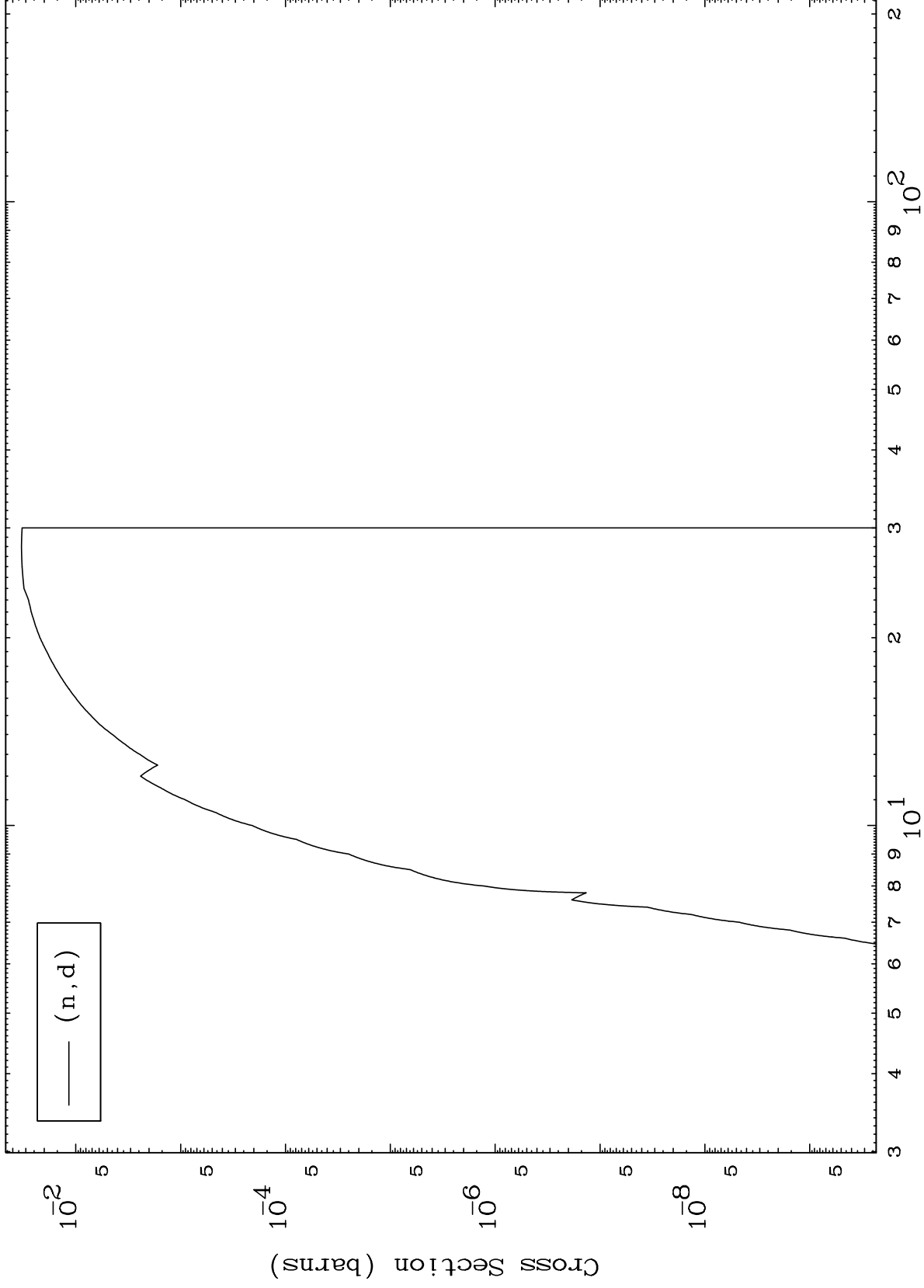
58-Ce-131



MAT 5810

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-131



15

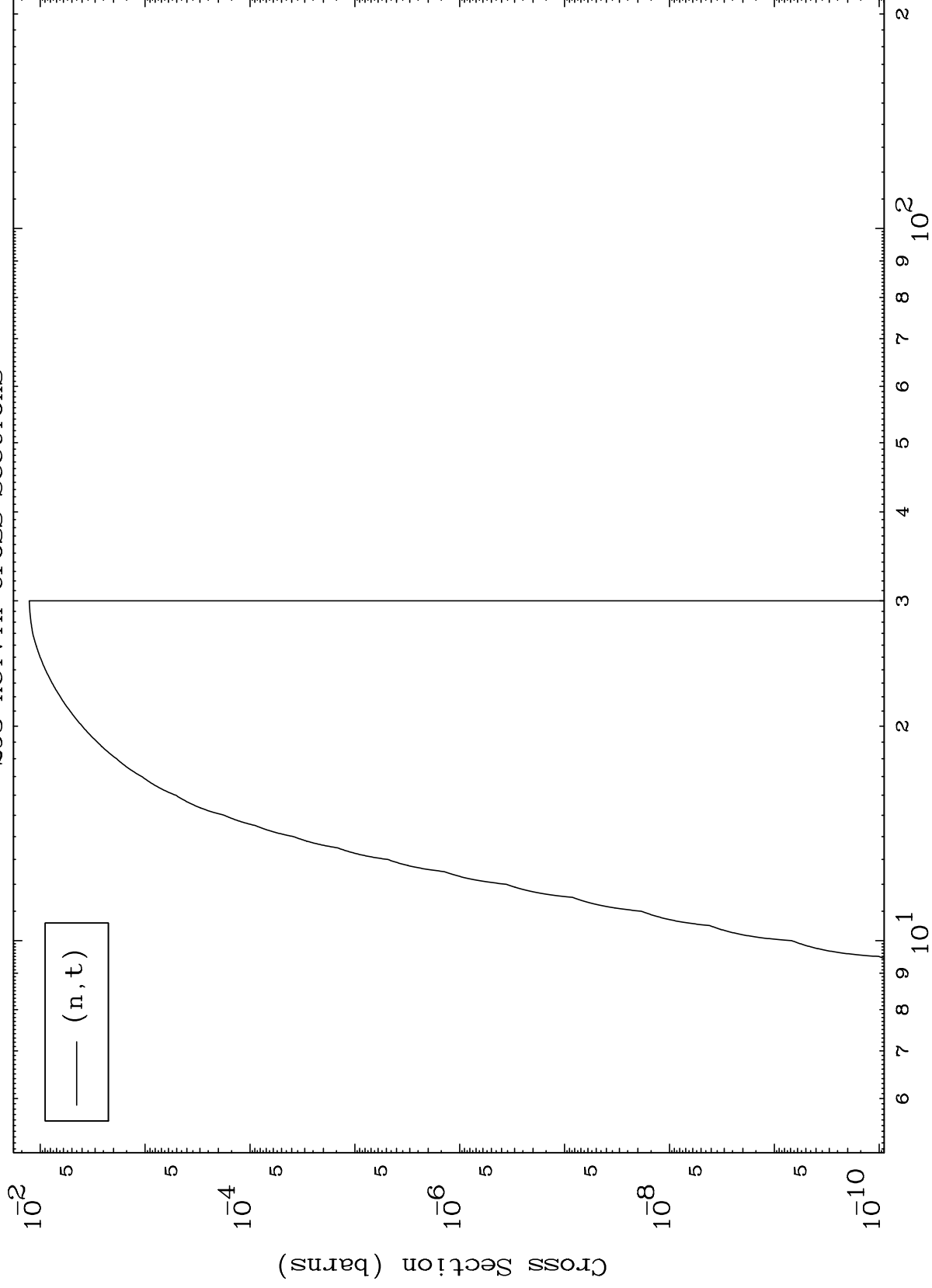
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-131



16

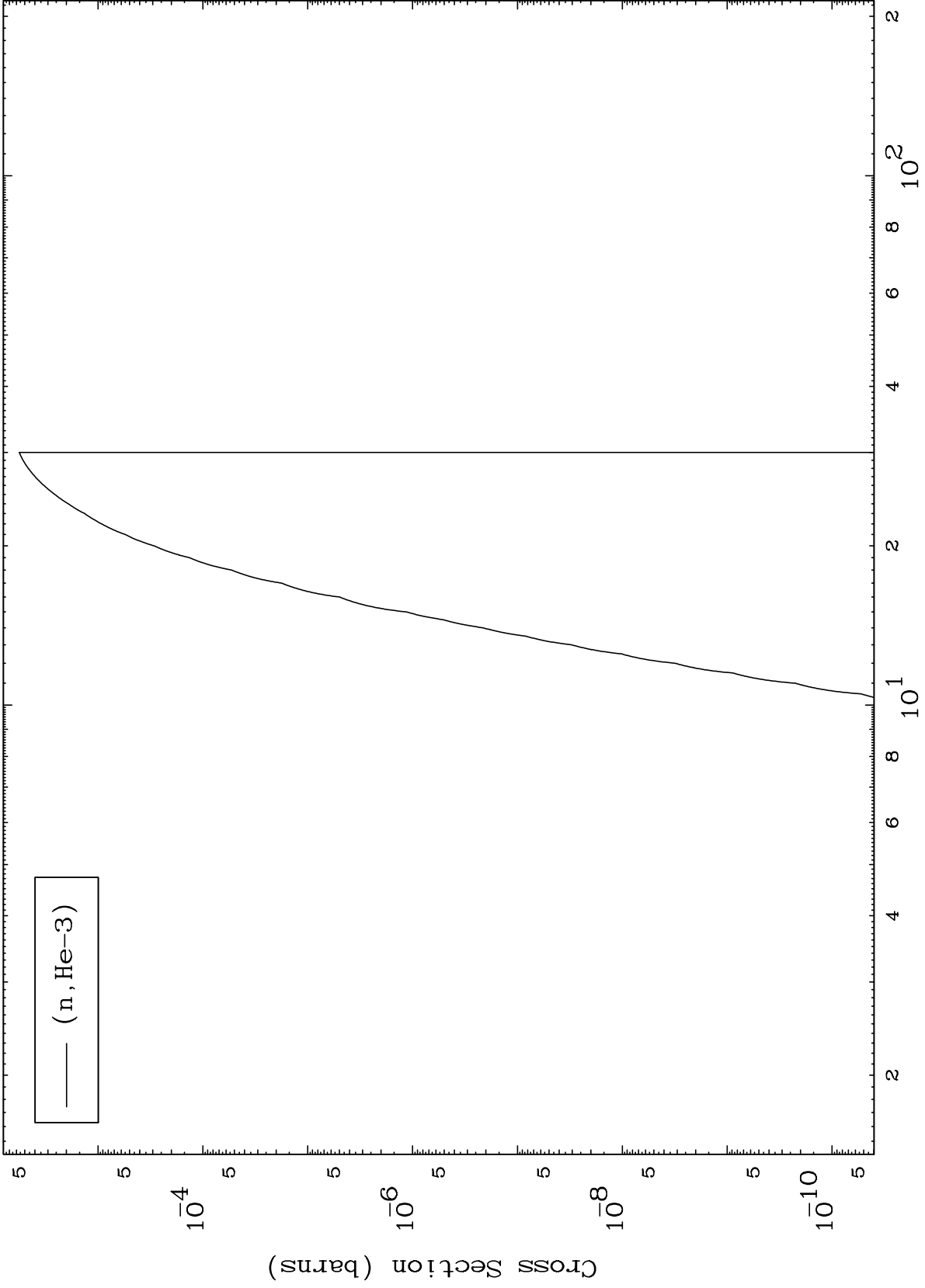
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-131



17

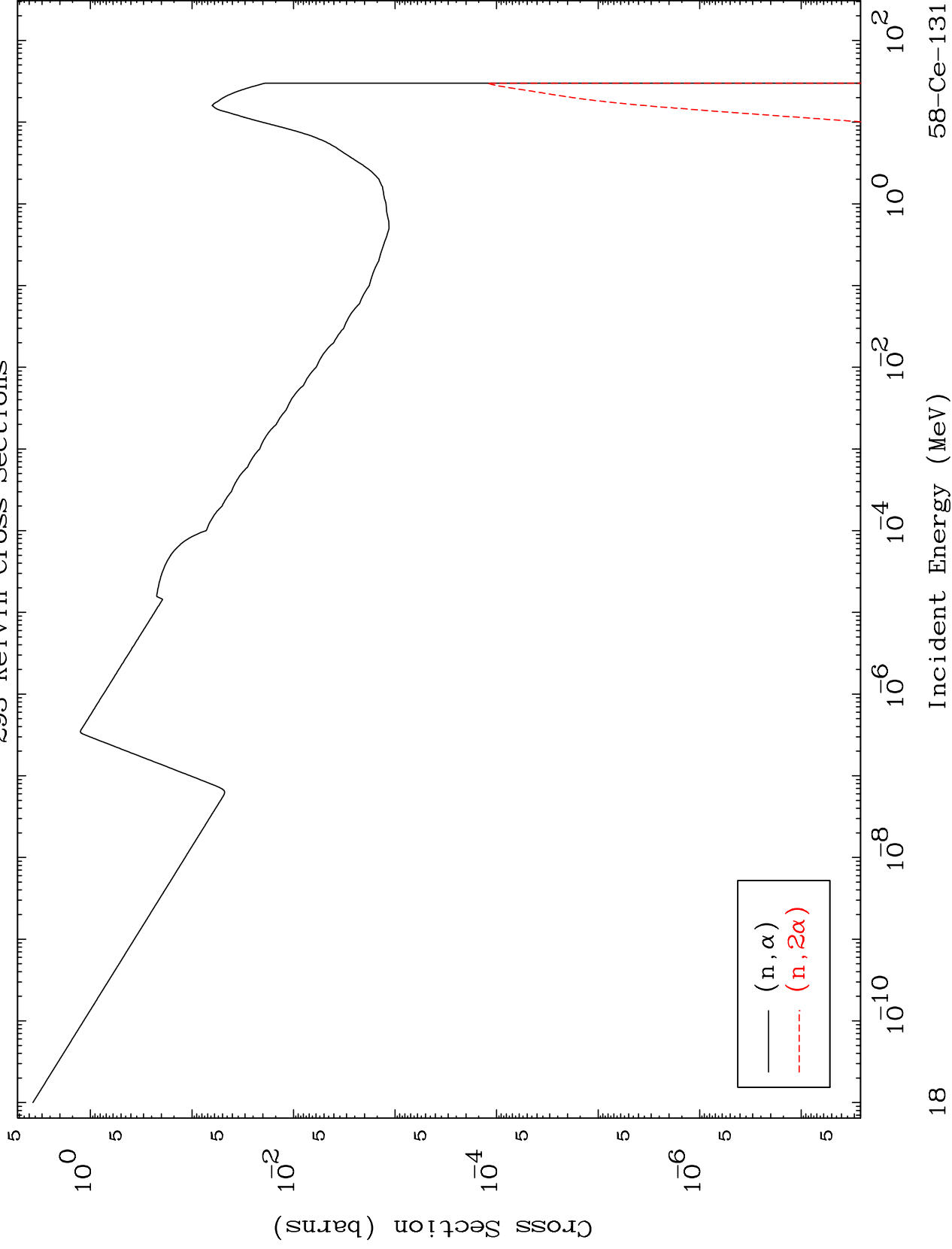
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-131

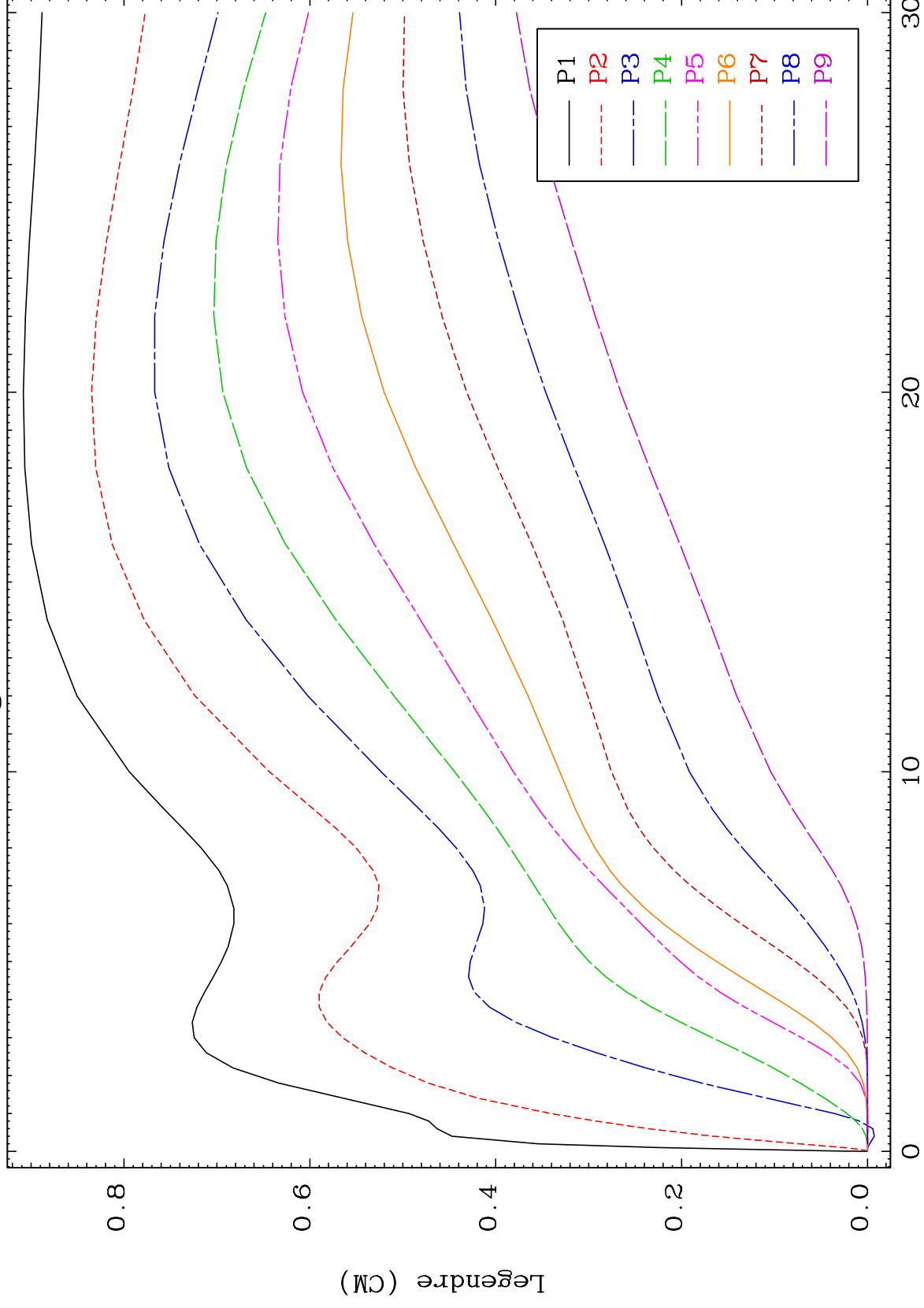


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MAT 5810

Elastic Legendre Coefficients

58-Ce-131



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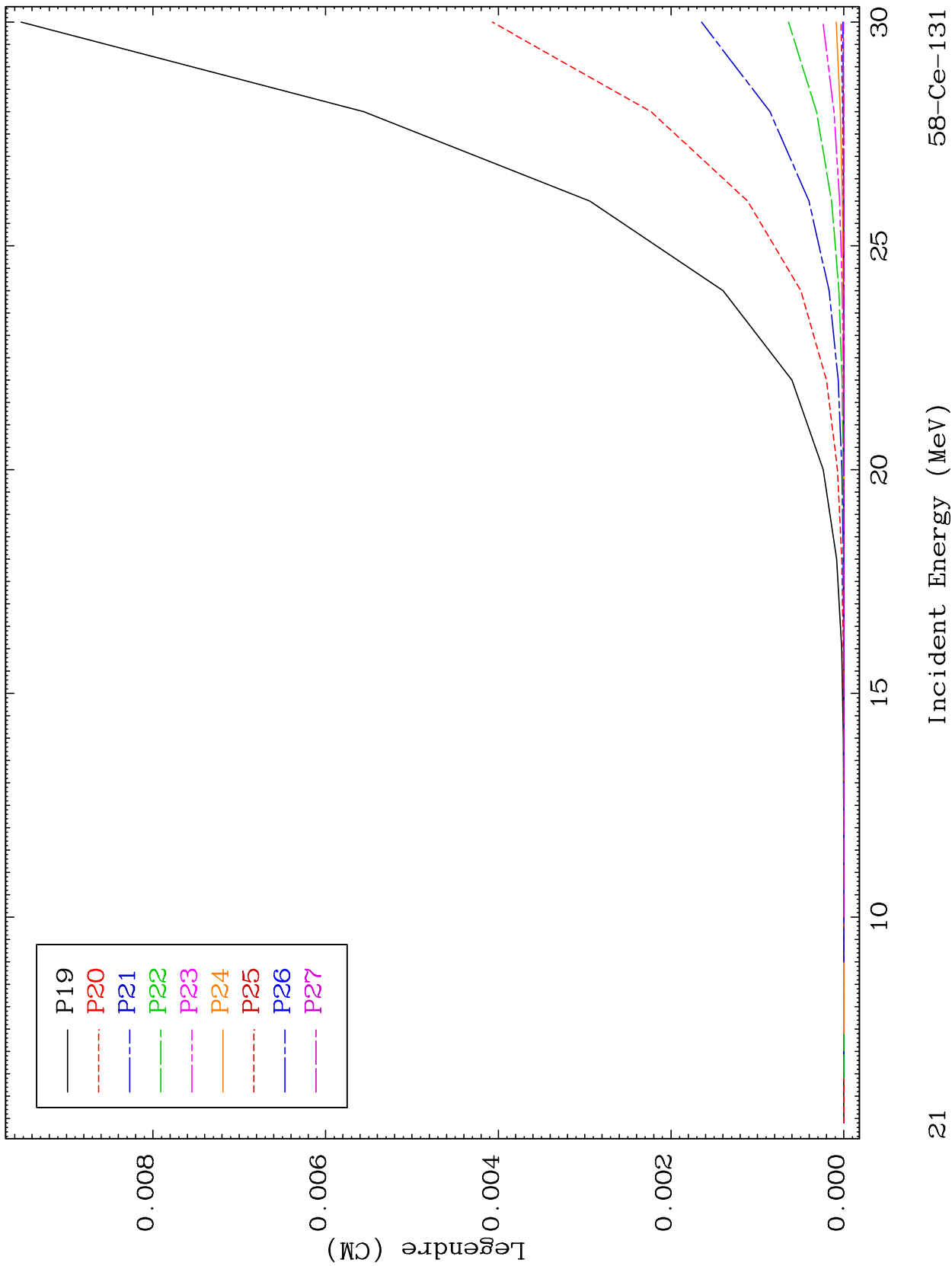
Incident Energy (MeV)

58-Ce-131

MAT 5810

Elastic Legendre Coefficients

58-Ce-131

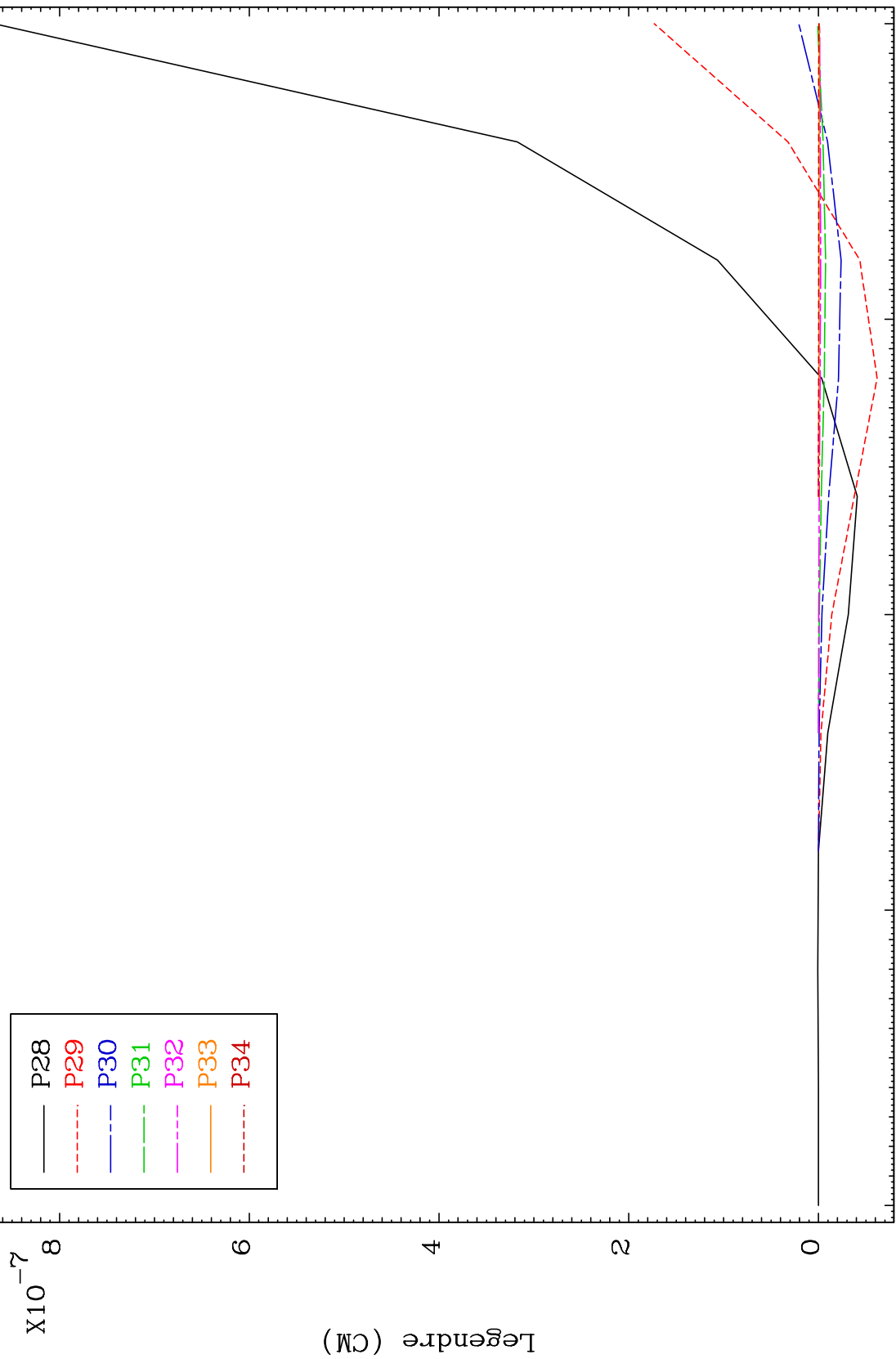
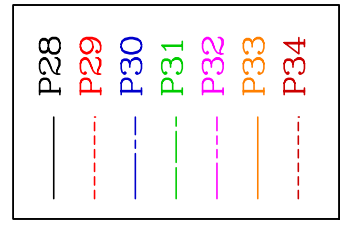


58-Ce-131

MAT 5810

Elastic Legendre Coefficients

58-Ce-131



22

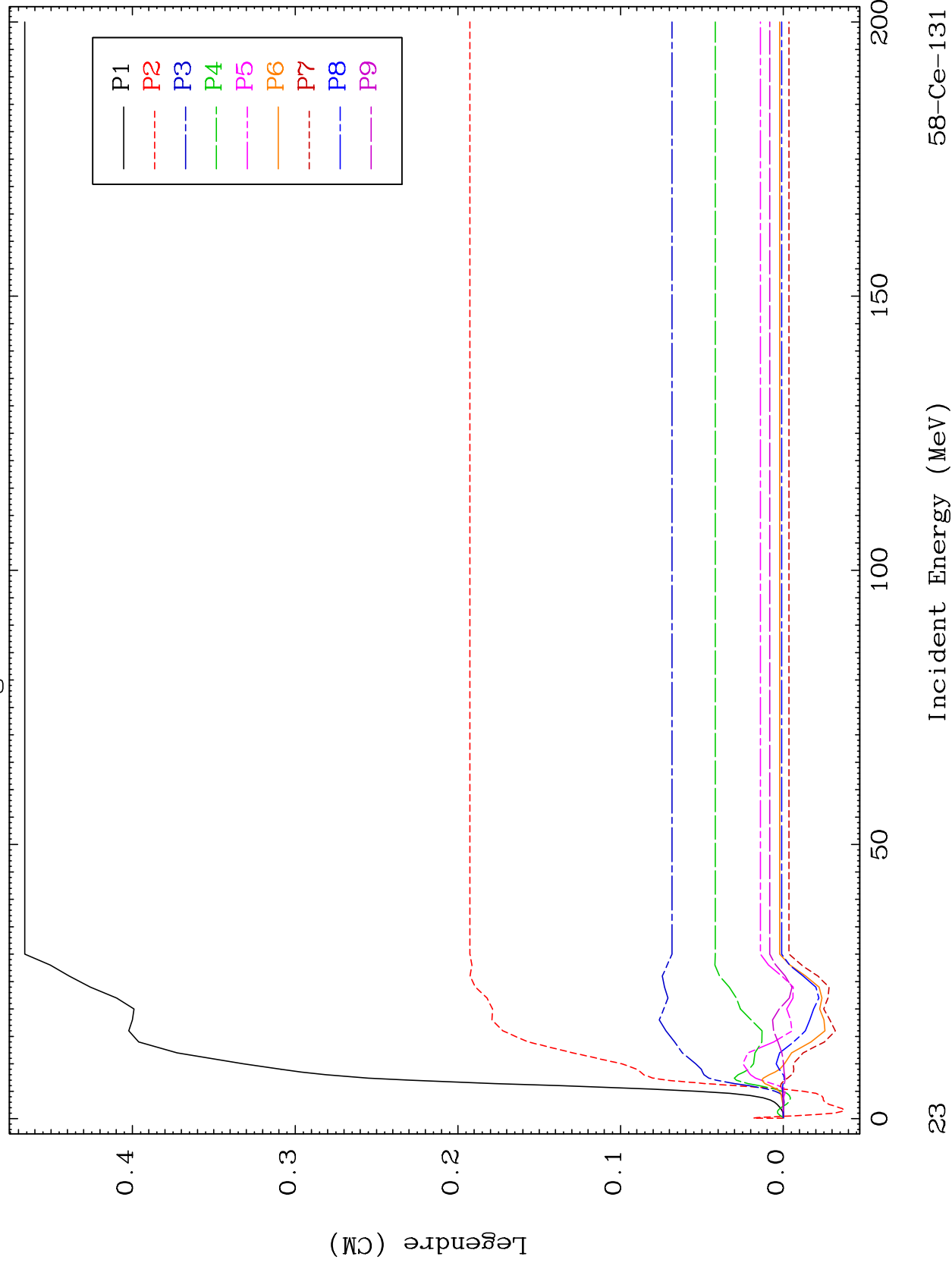
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

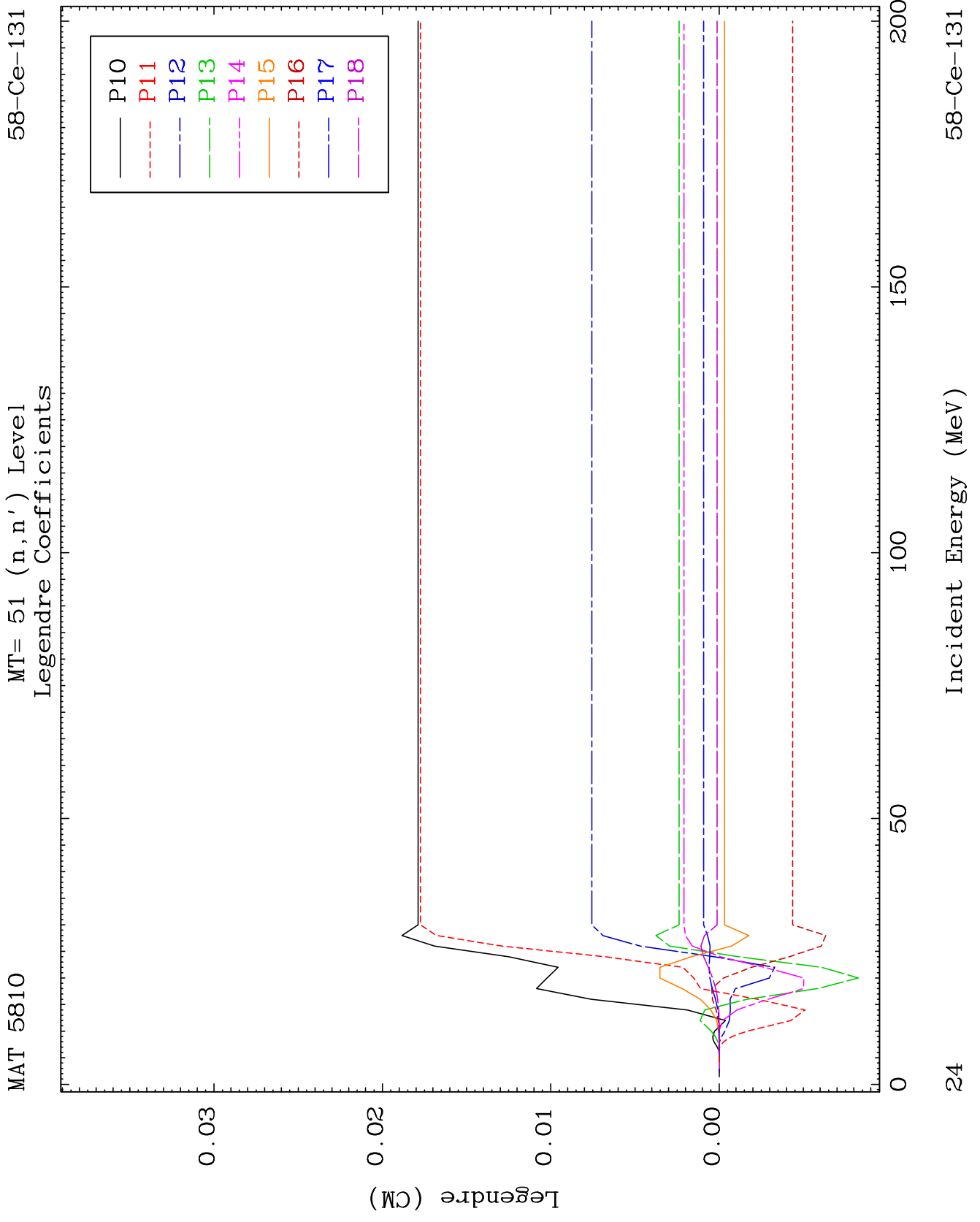
58-Ce-131



58-Ce-131

Incident Energy (MeV)

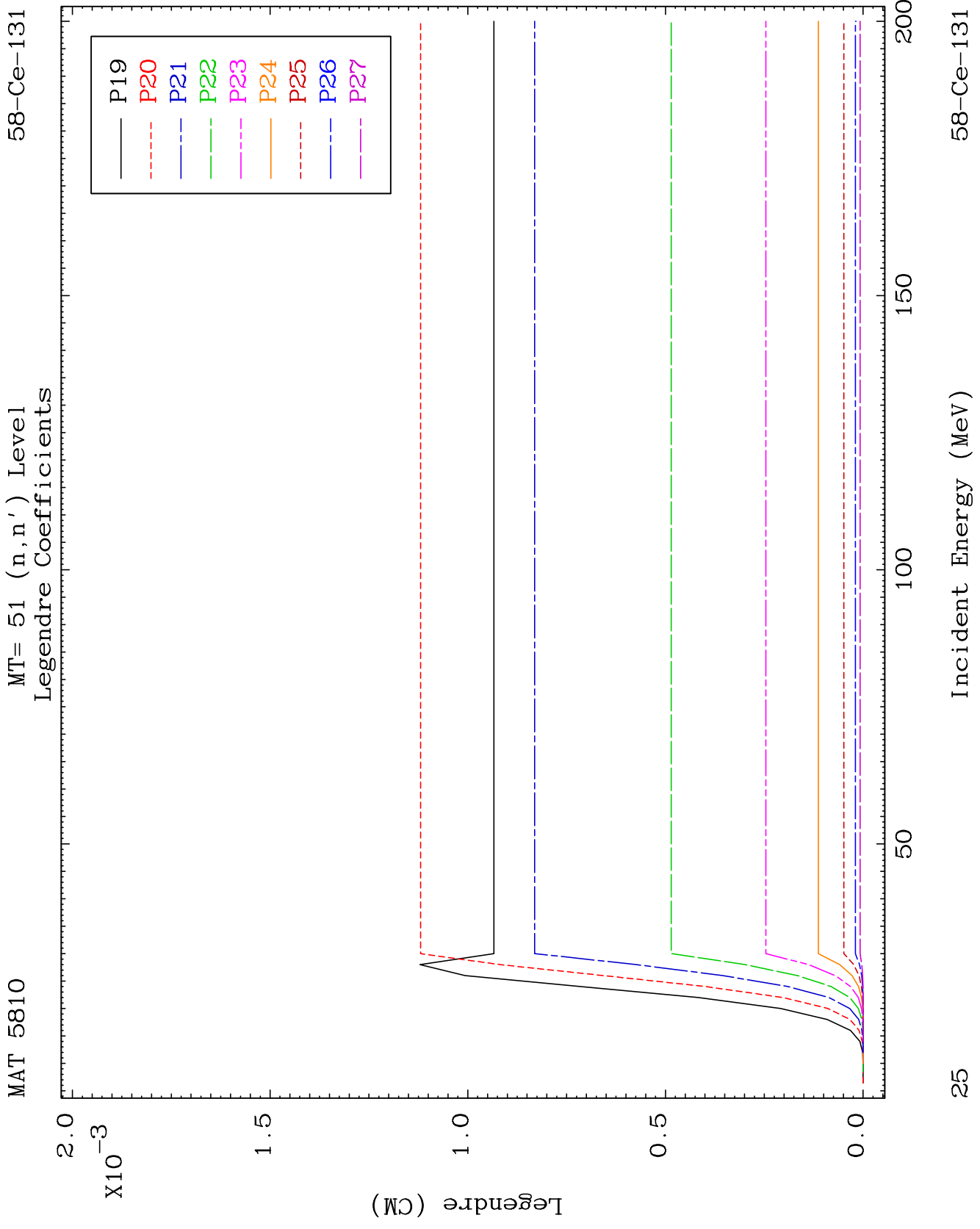
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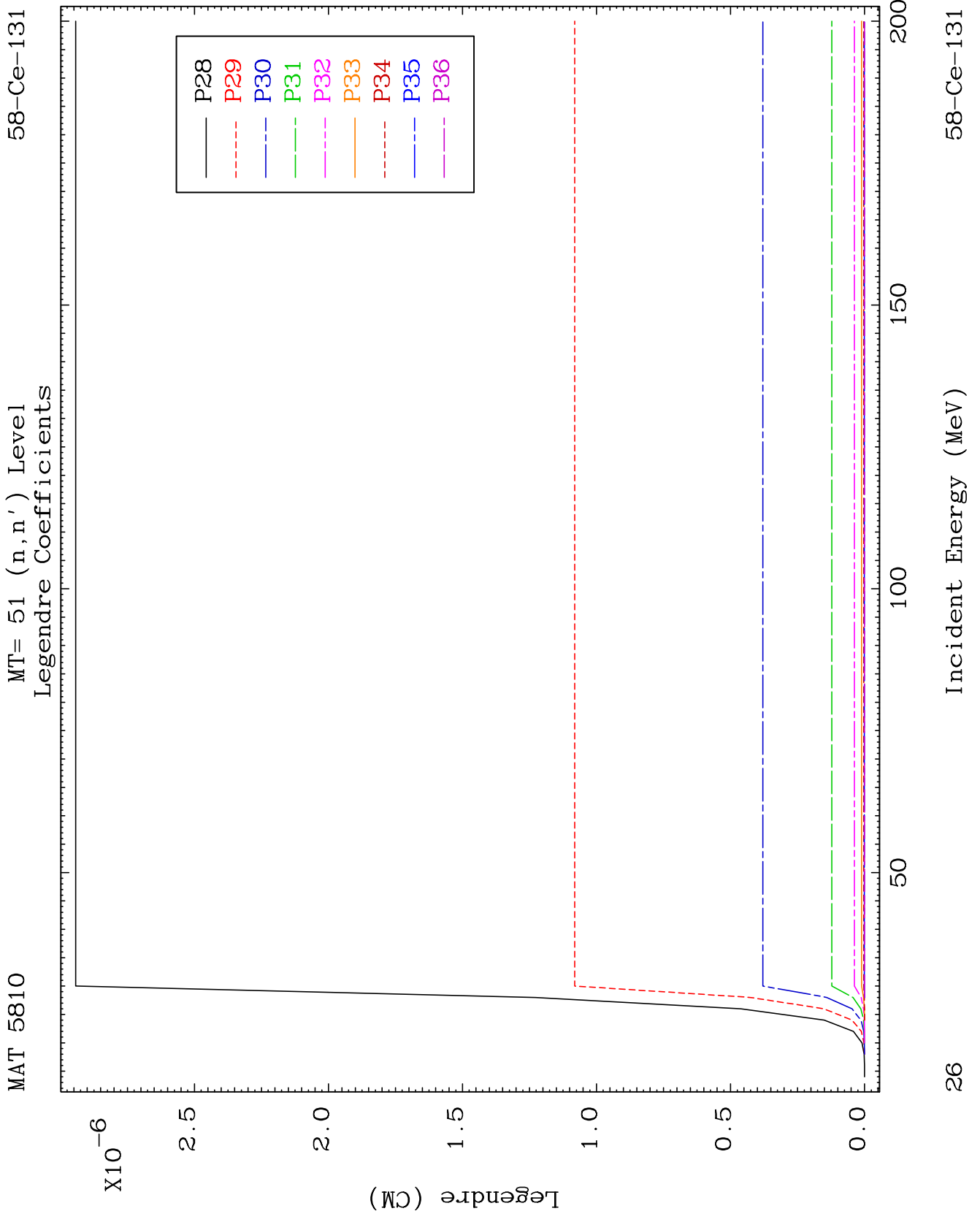


58-Ce-131

Incident Energy (MeV)

24

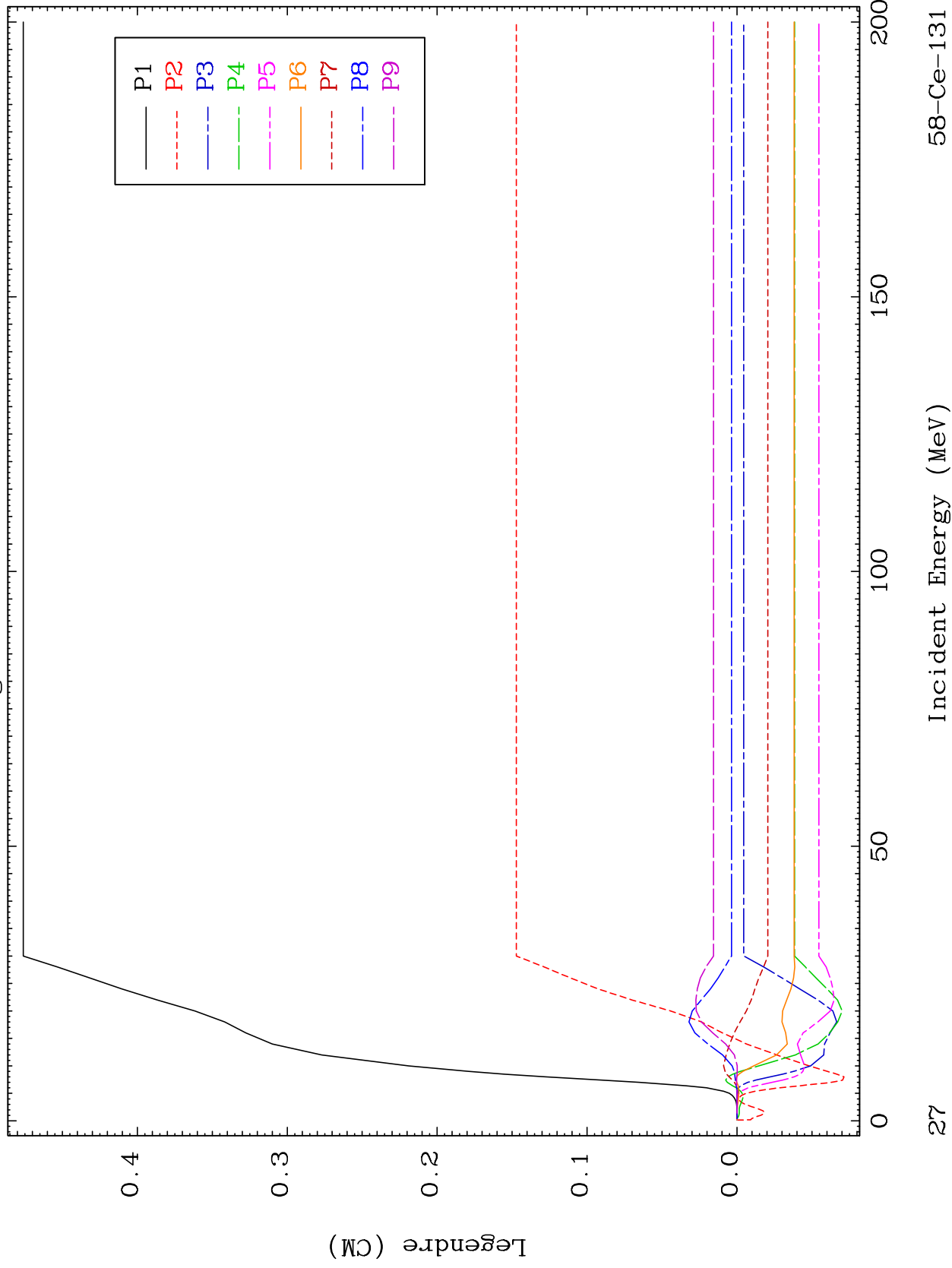




MAT 5810

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

58-Ce-131



58-Ce-131

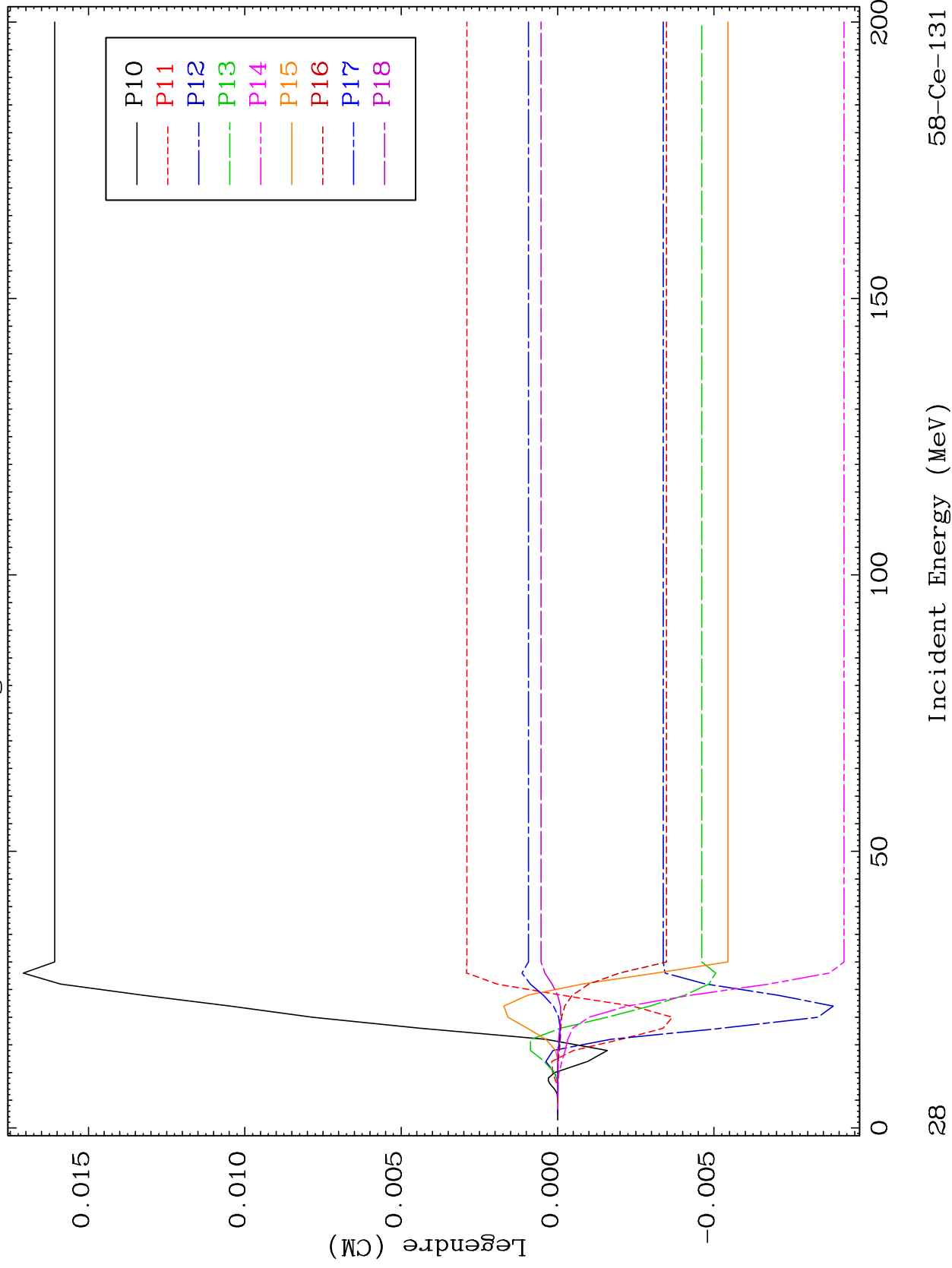
Incident Energy (MeV)

27

MAT 5810

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

58-Ce-131



58-Ce-131

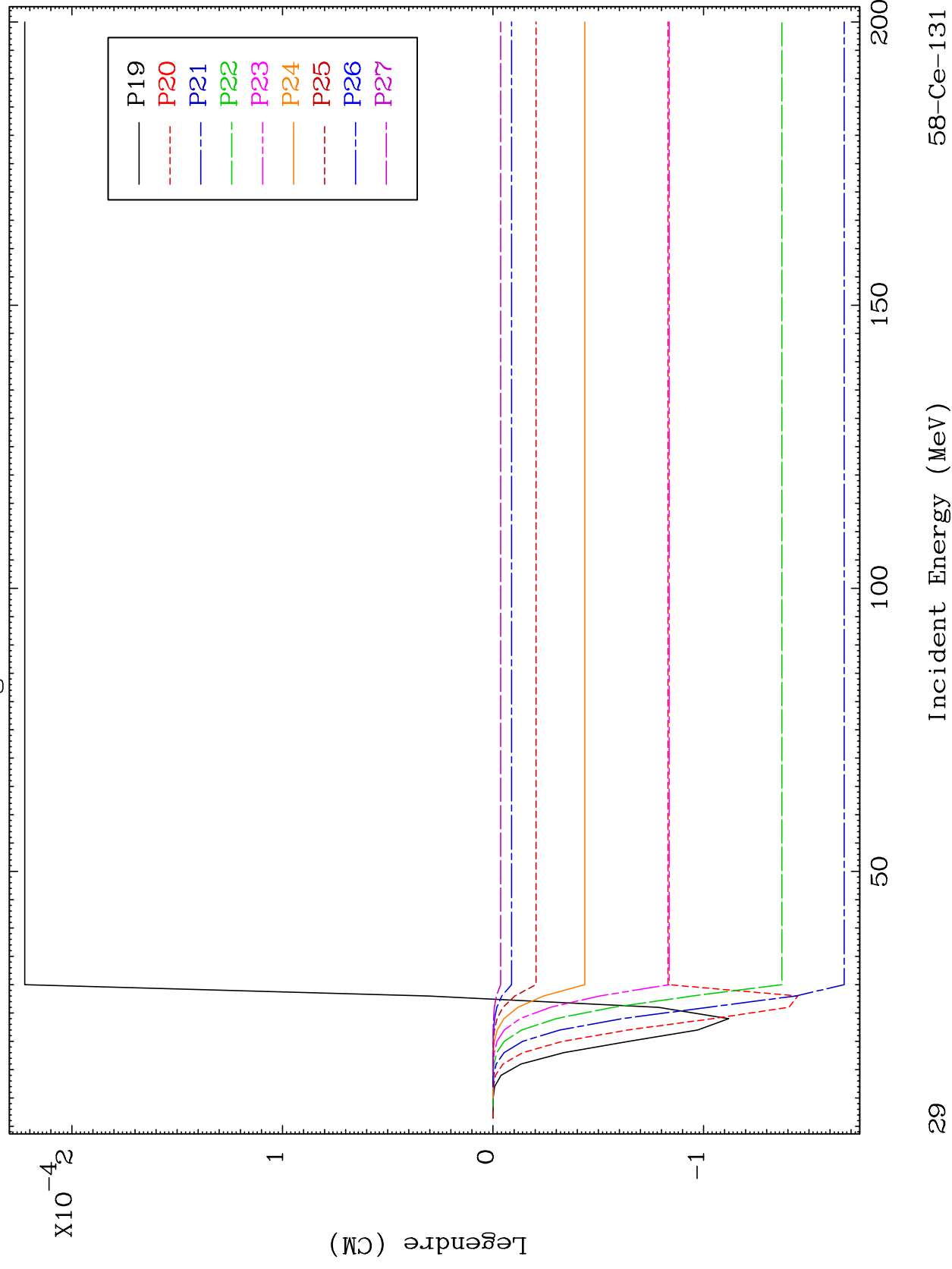
Incident Energy (MeV)

28

MAT 5810

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

58-Ce-131



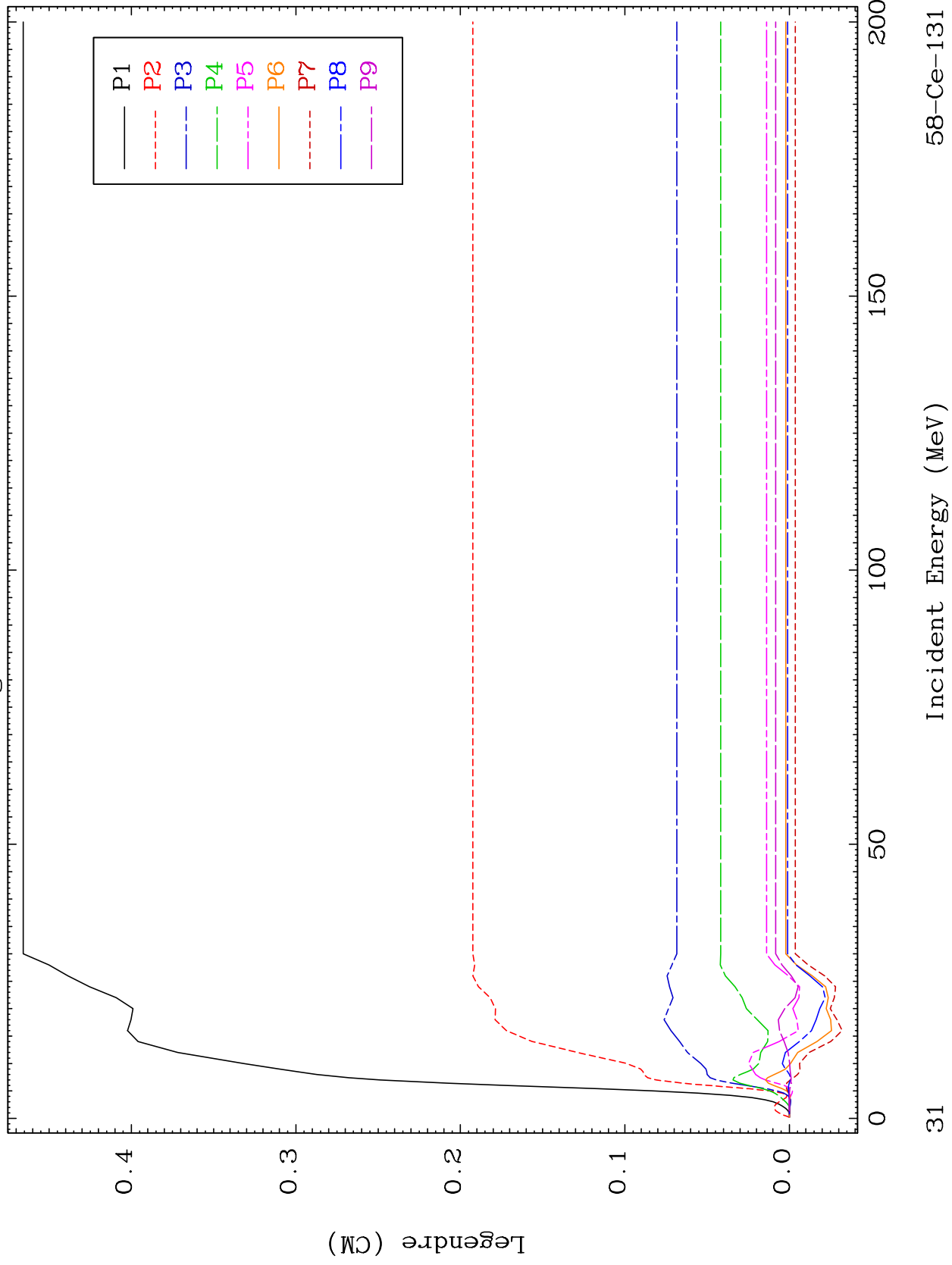
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58-Ce-131

MAT 5810

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

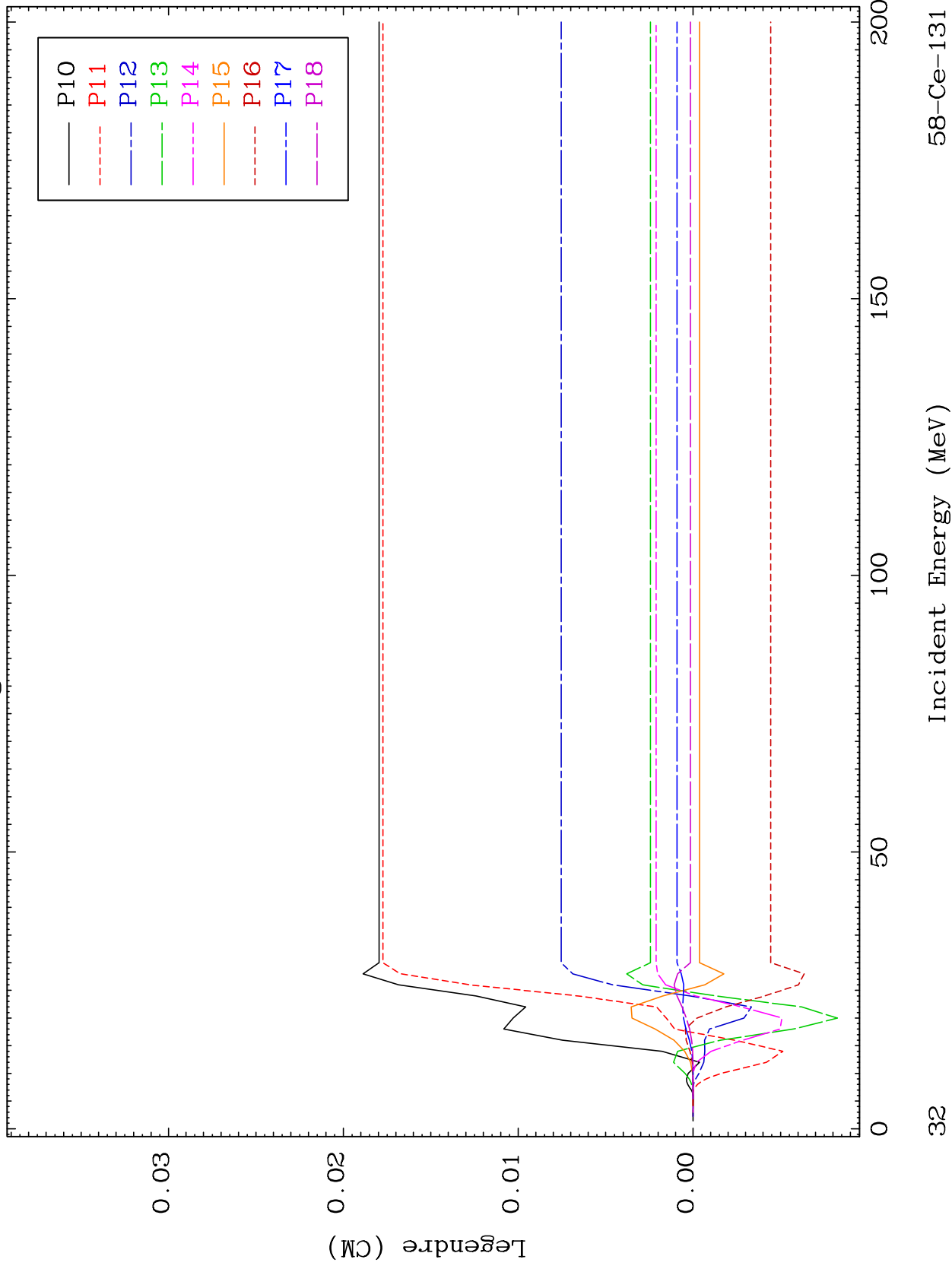
58-Ce-131



MAT 5810

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

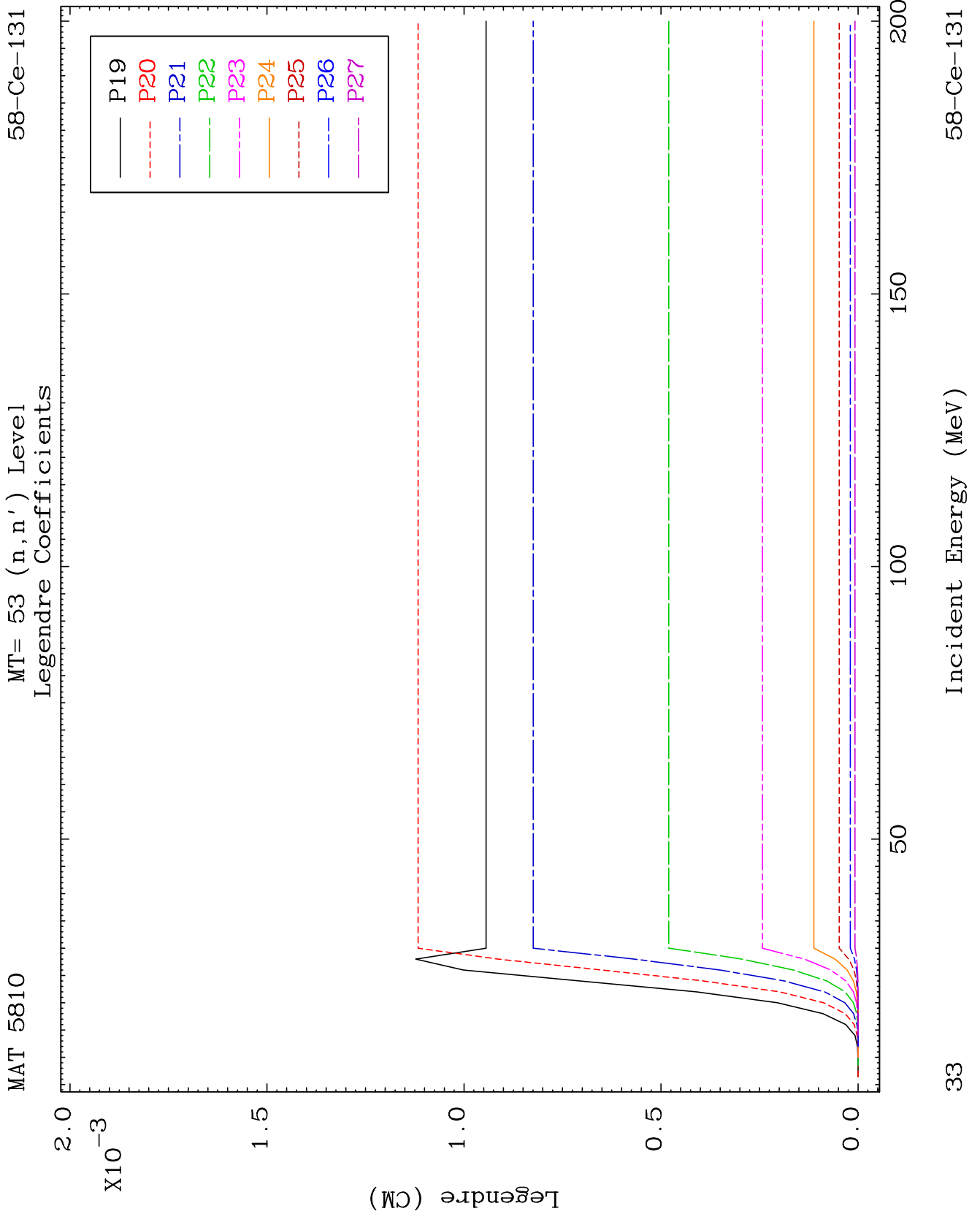
58-Ce-131



58-Ce-131

Incident Energy (MeV)

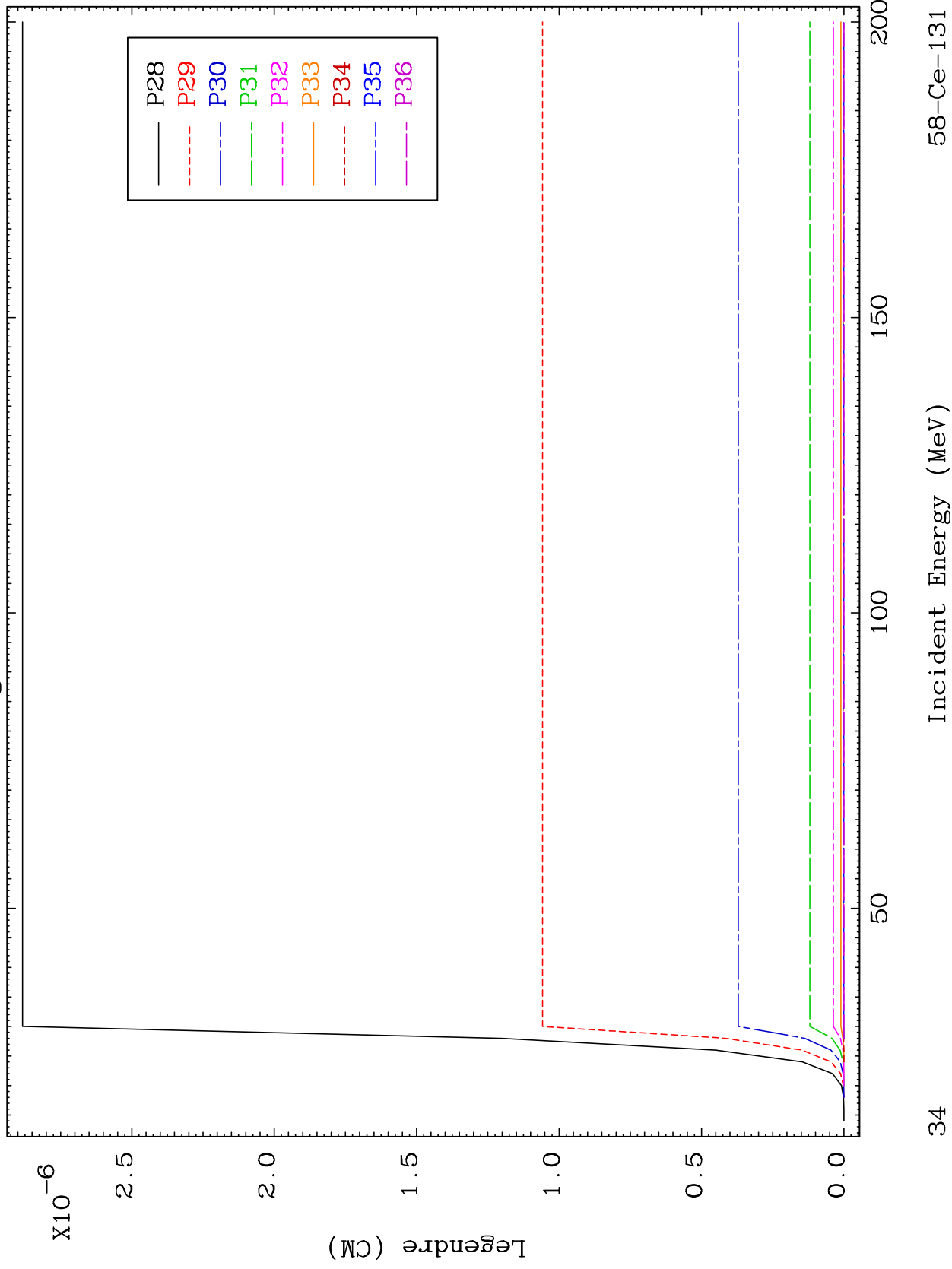
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MAT 5810

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

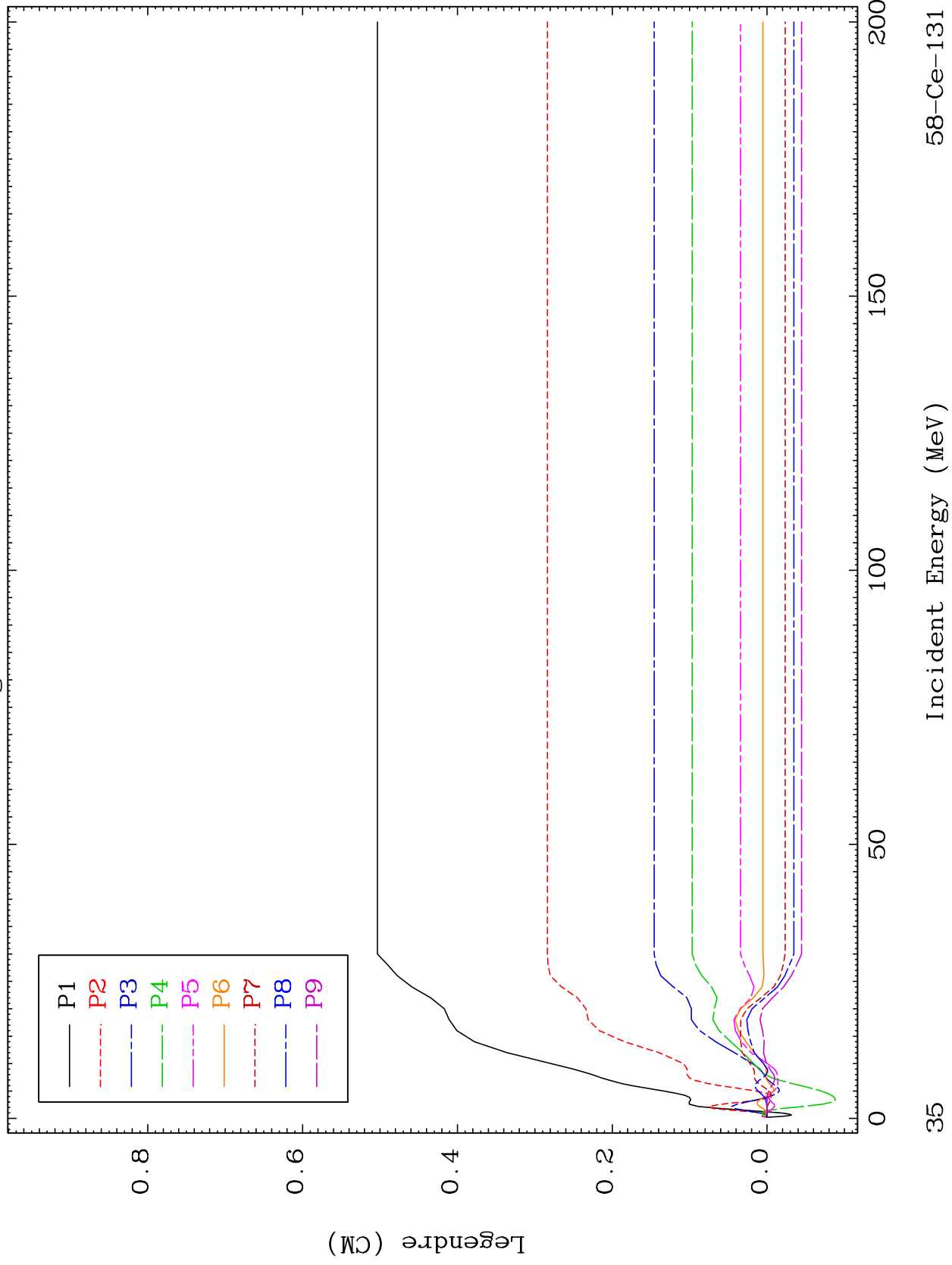
58-Ce-131



MAT 5810

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

58-Ce-131



58-Ce-131

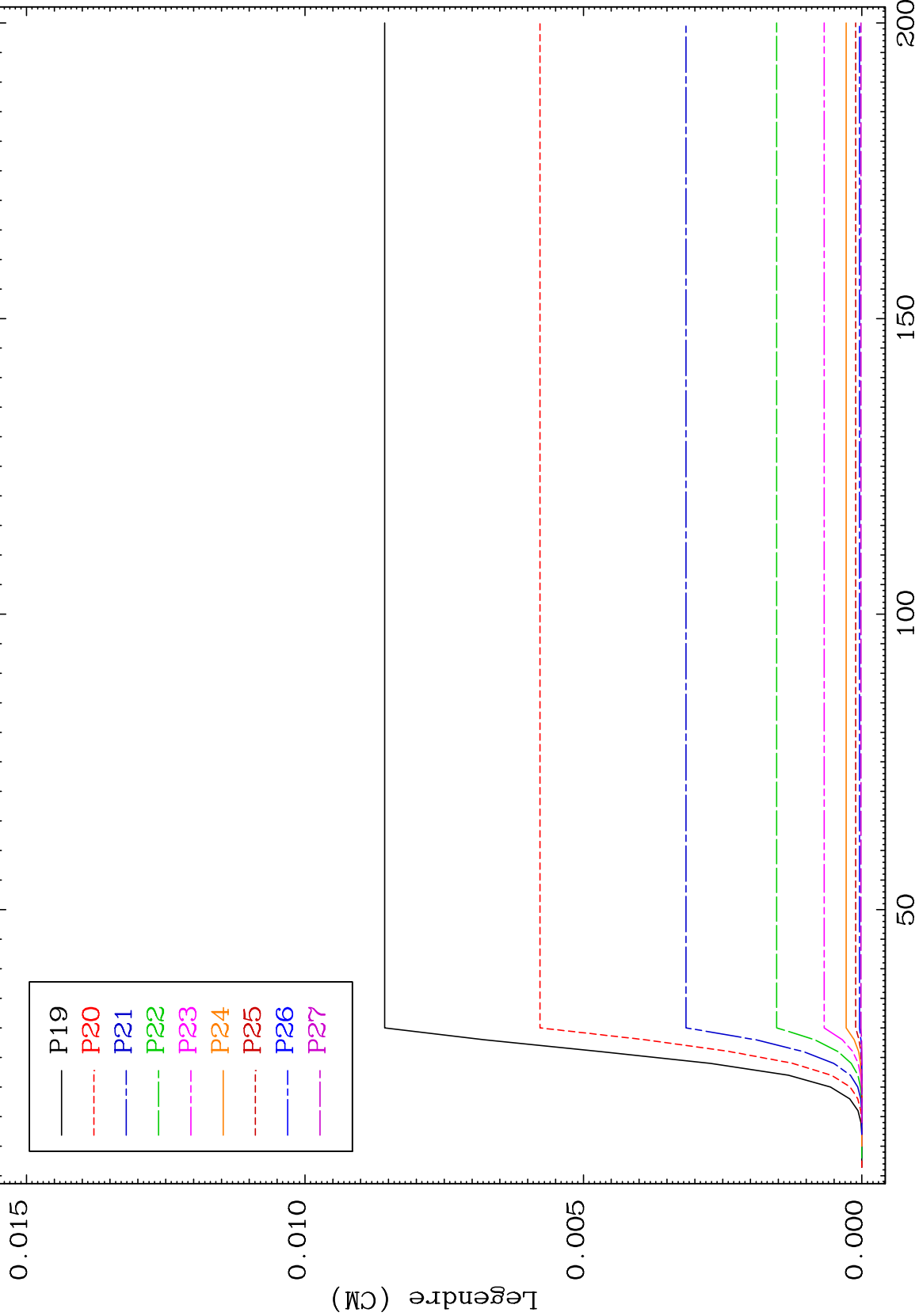
Incident Energy (MeV)

35

MAT 5810

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

58-Ce-131



37

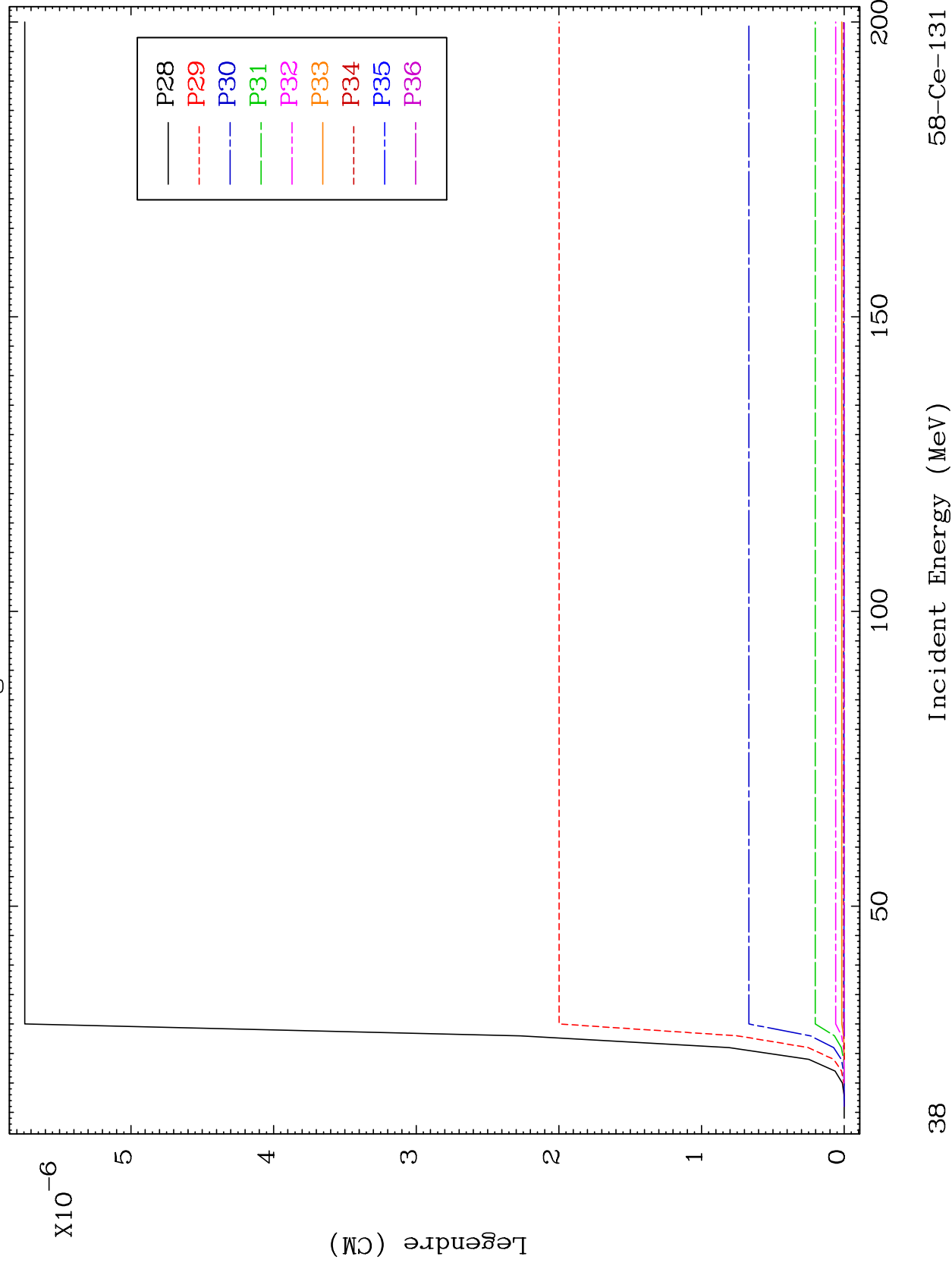
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



38

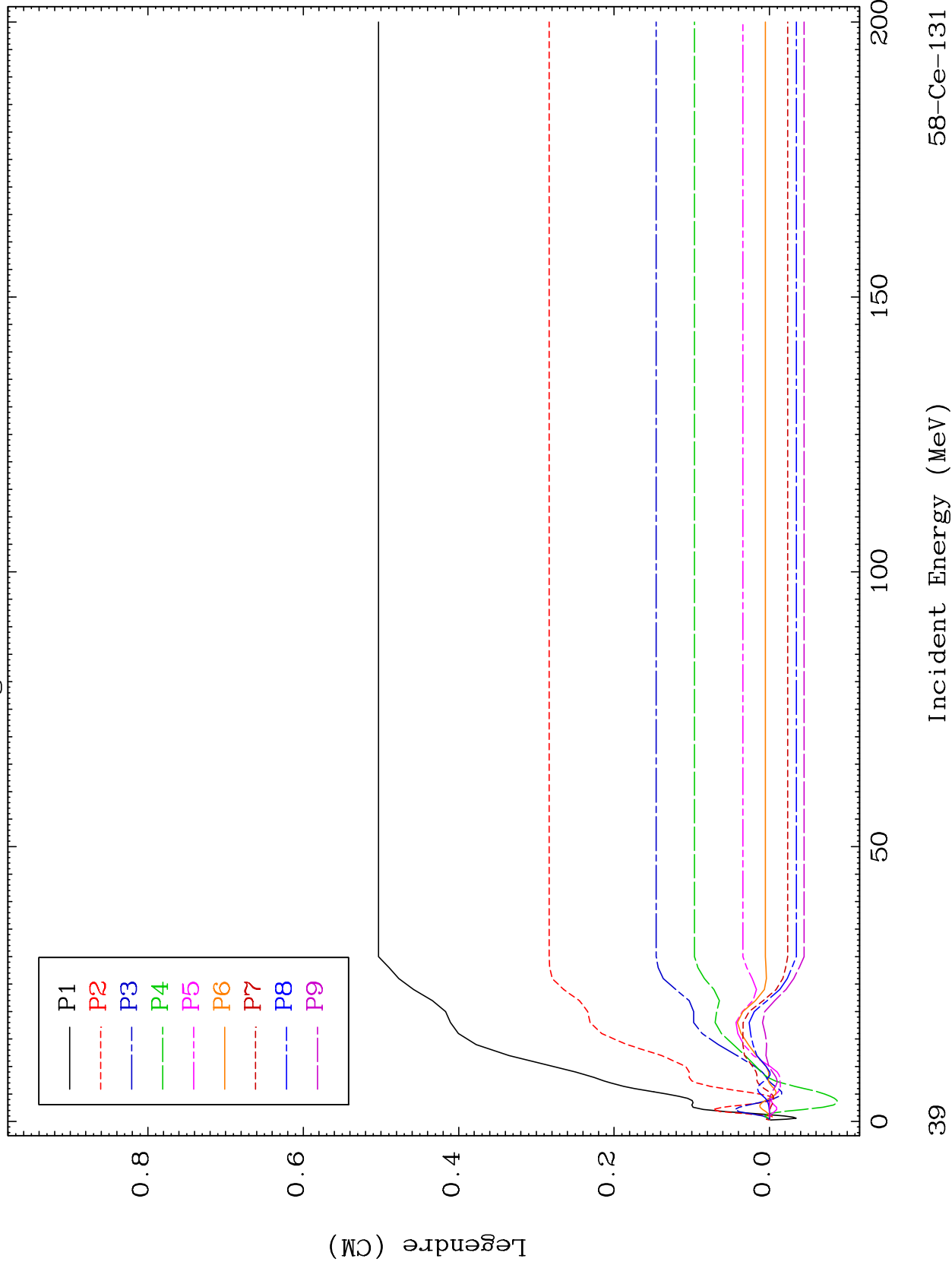
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



39

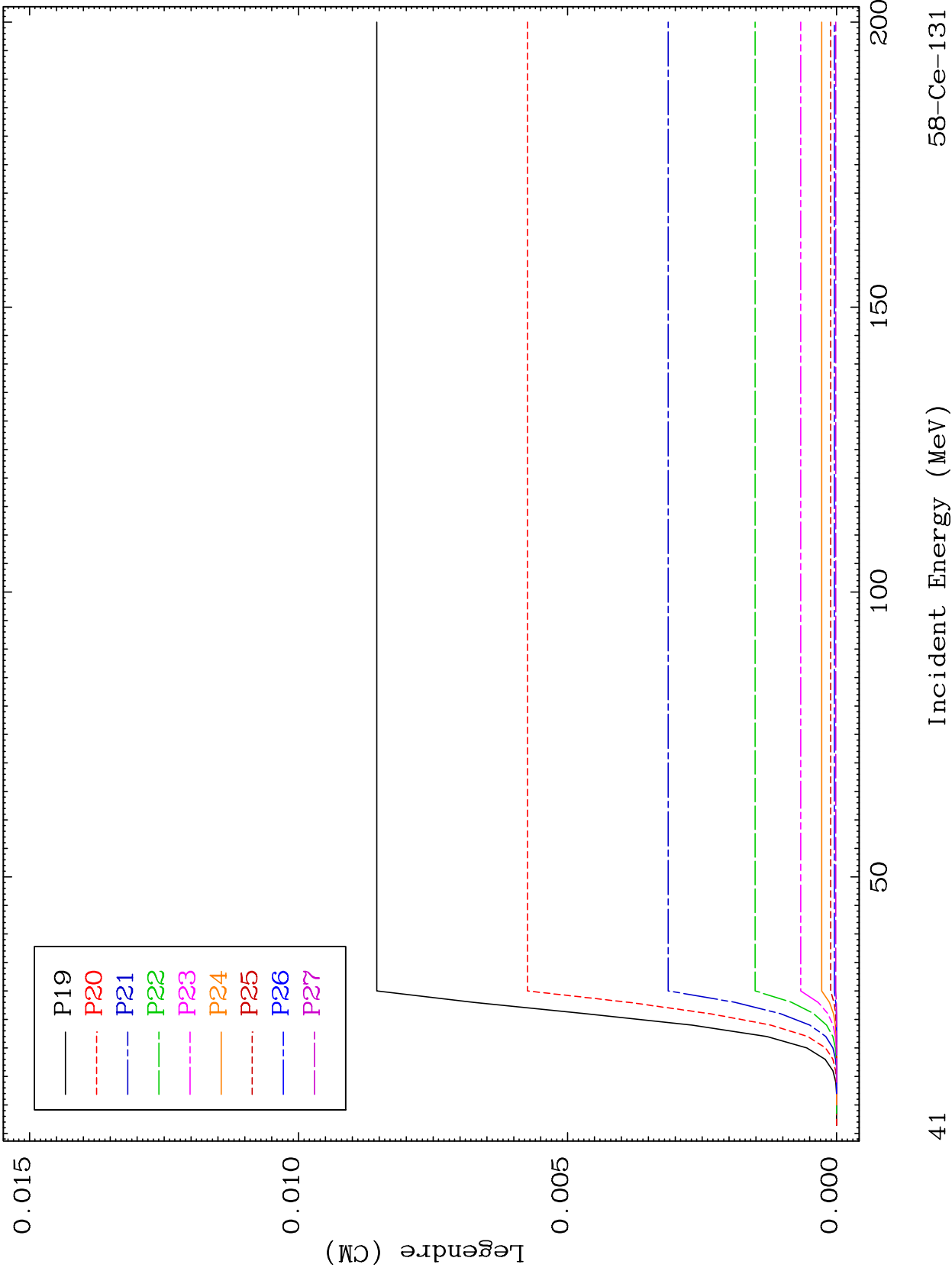
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



41

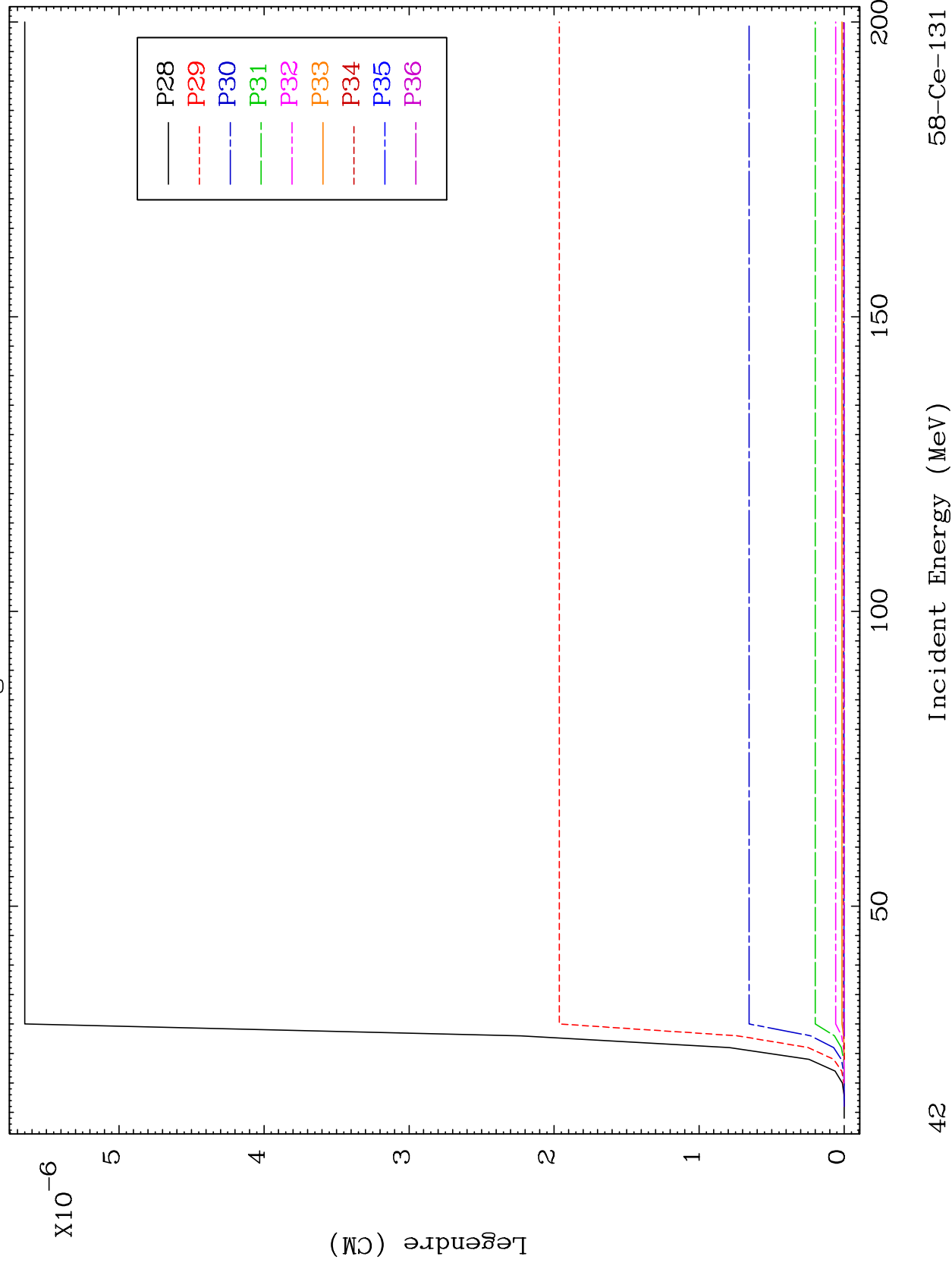
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



42

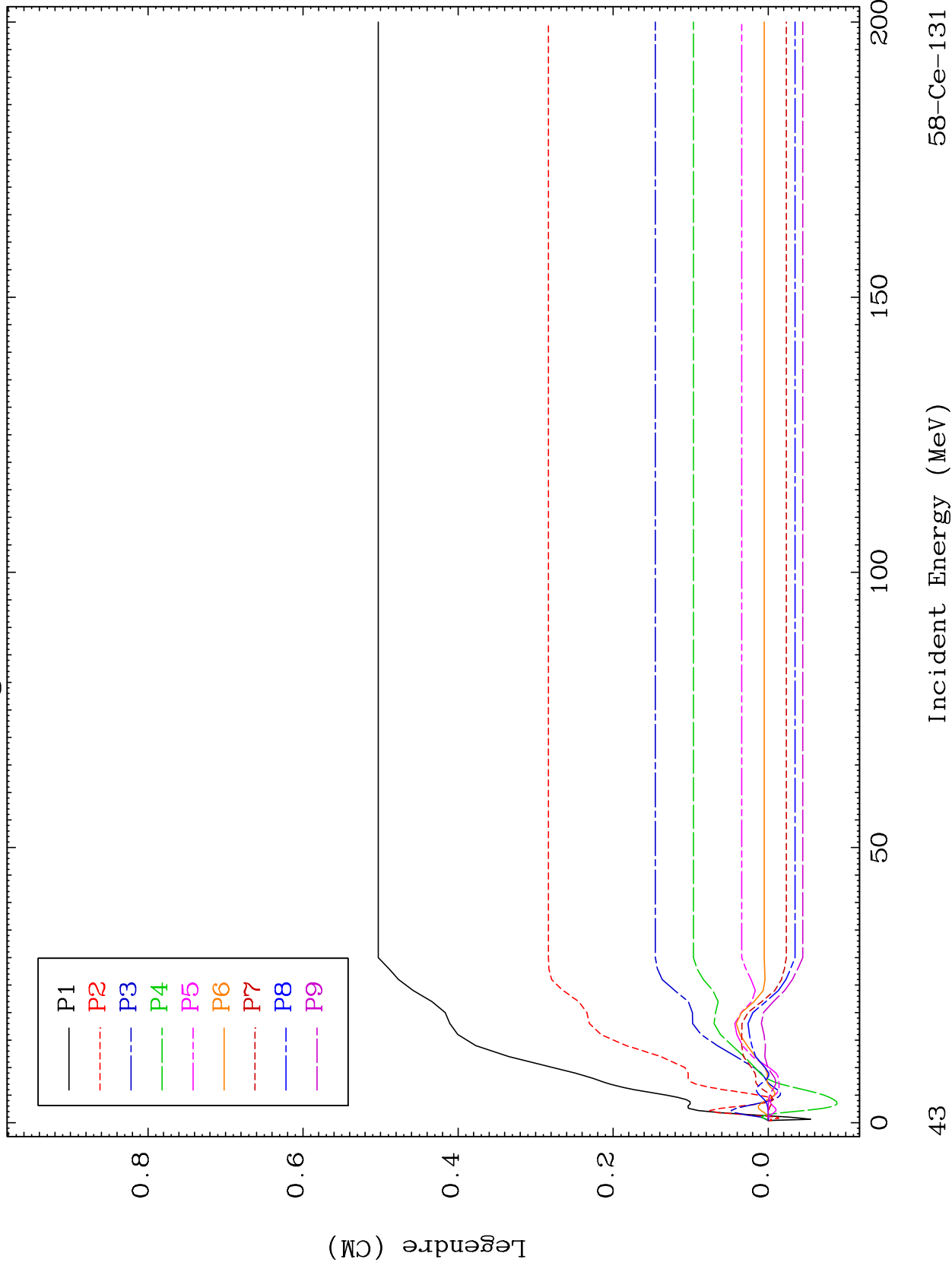
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

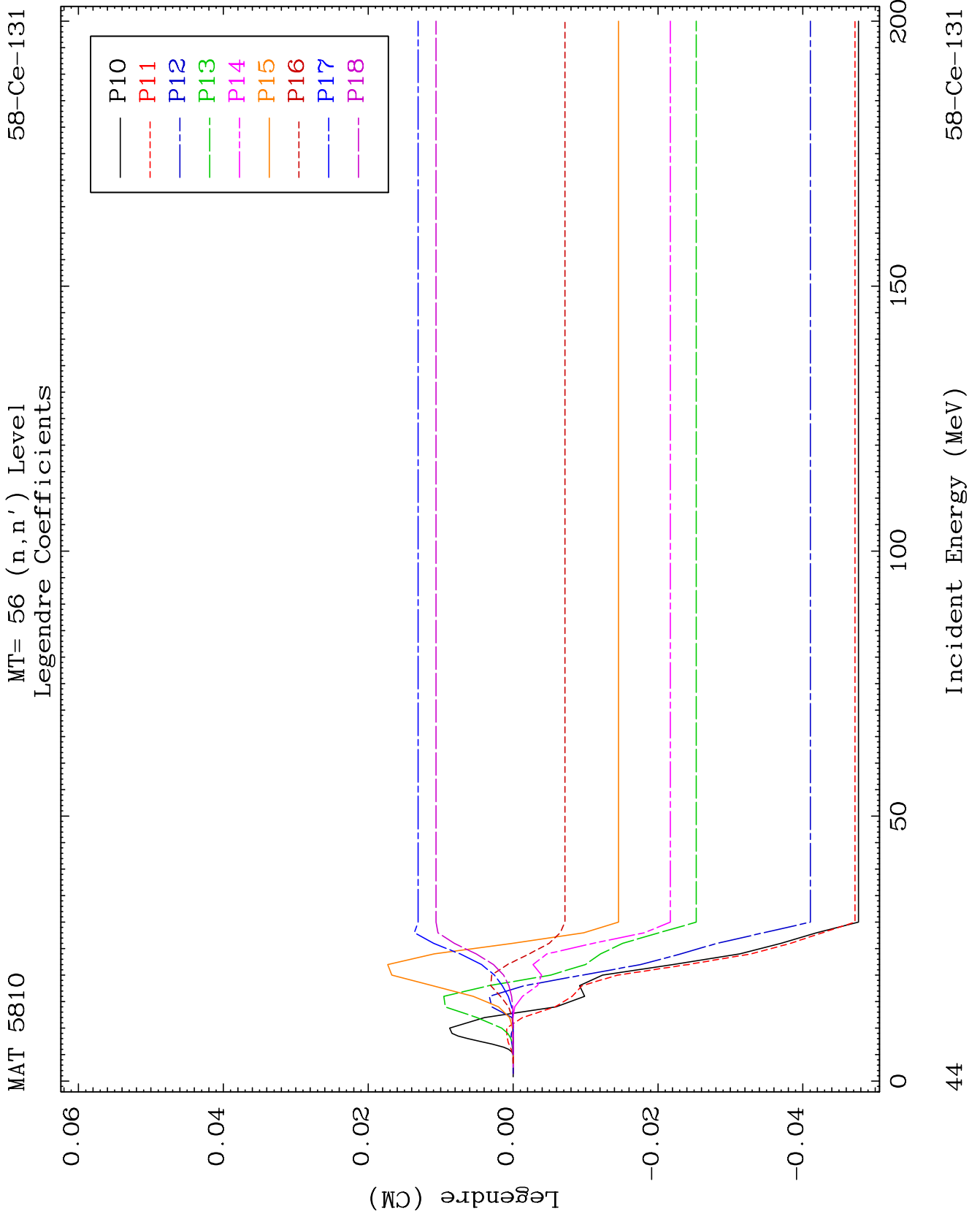
58-Ce-131



58-Ce-131

Incident Energy (MeV)

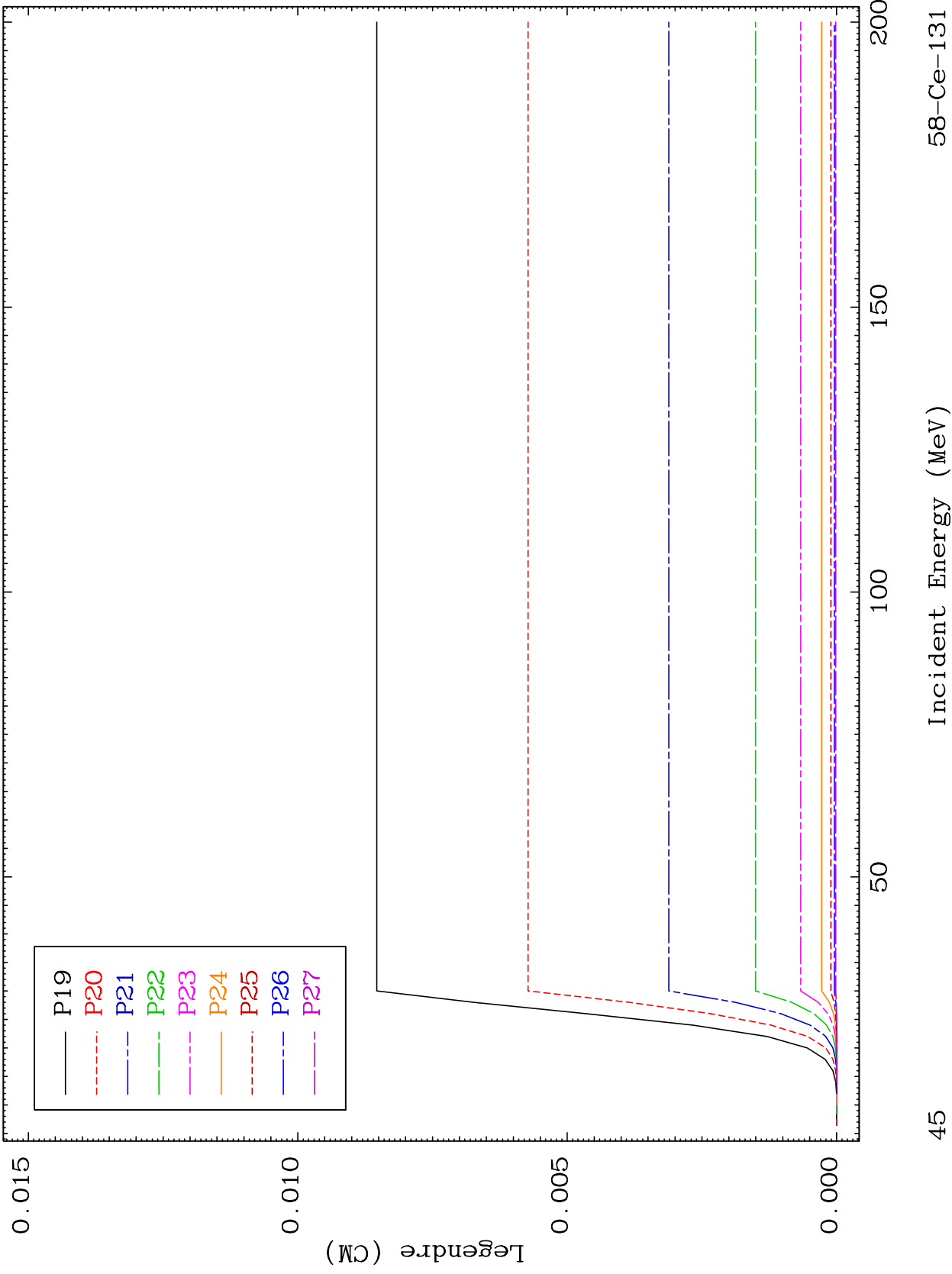
43



MAT 5810

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

58-Ce-131



45

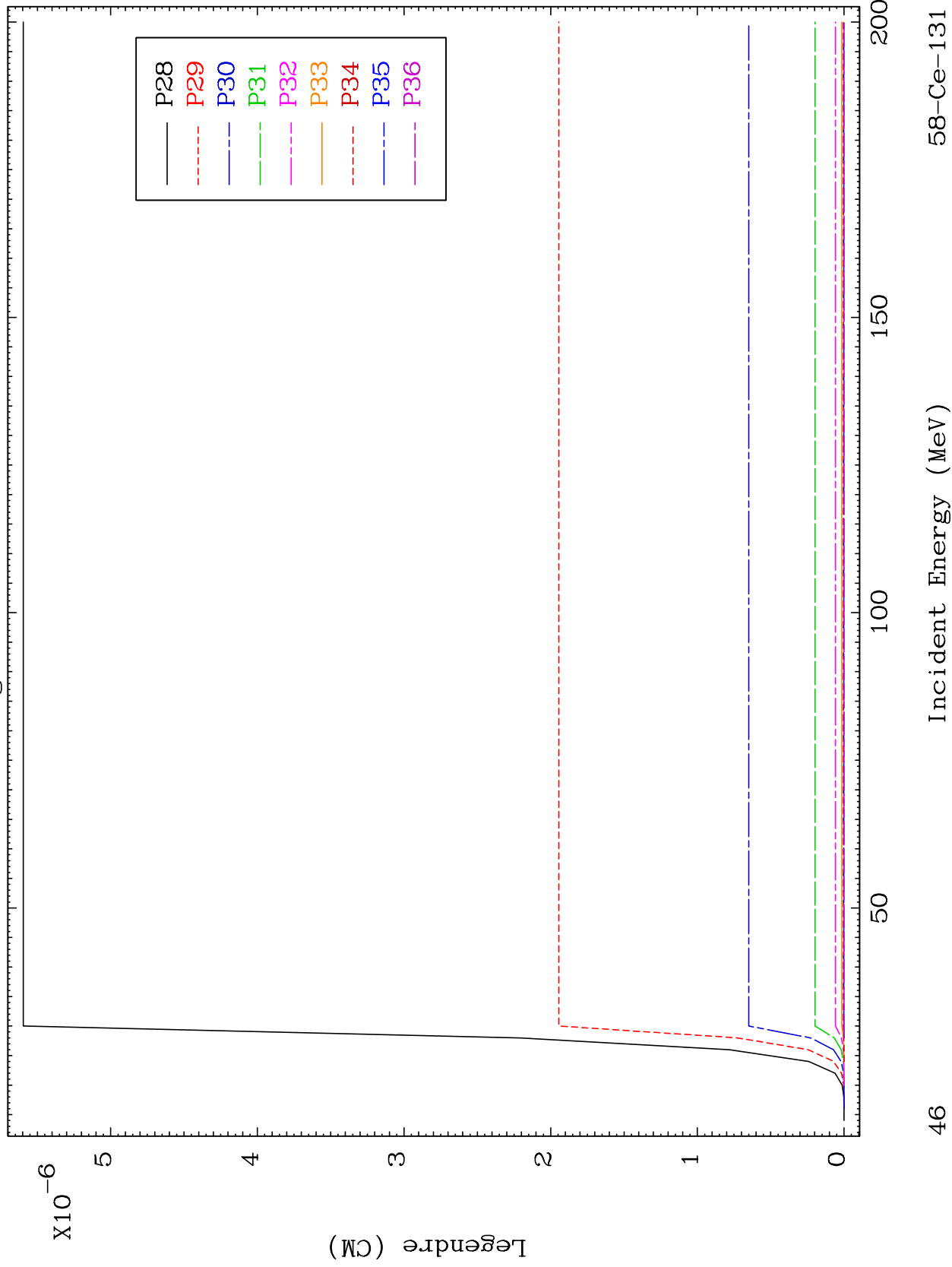
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



46

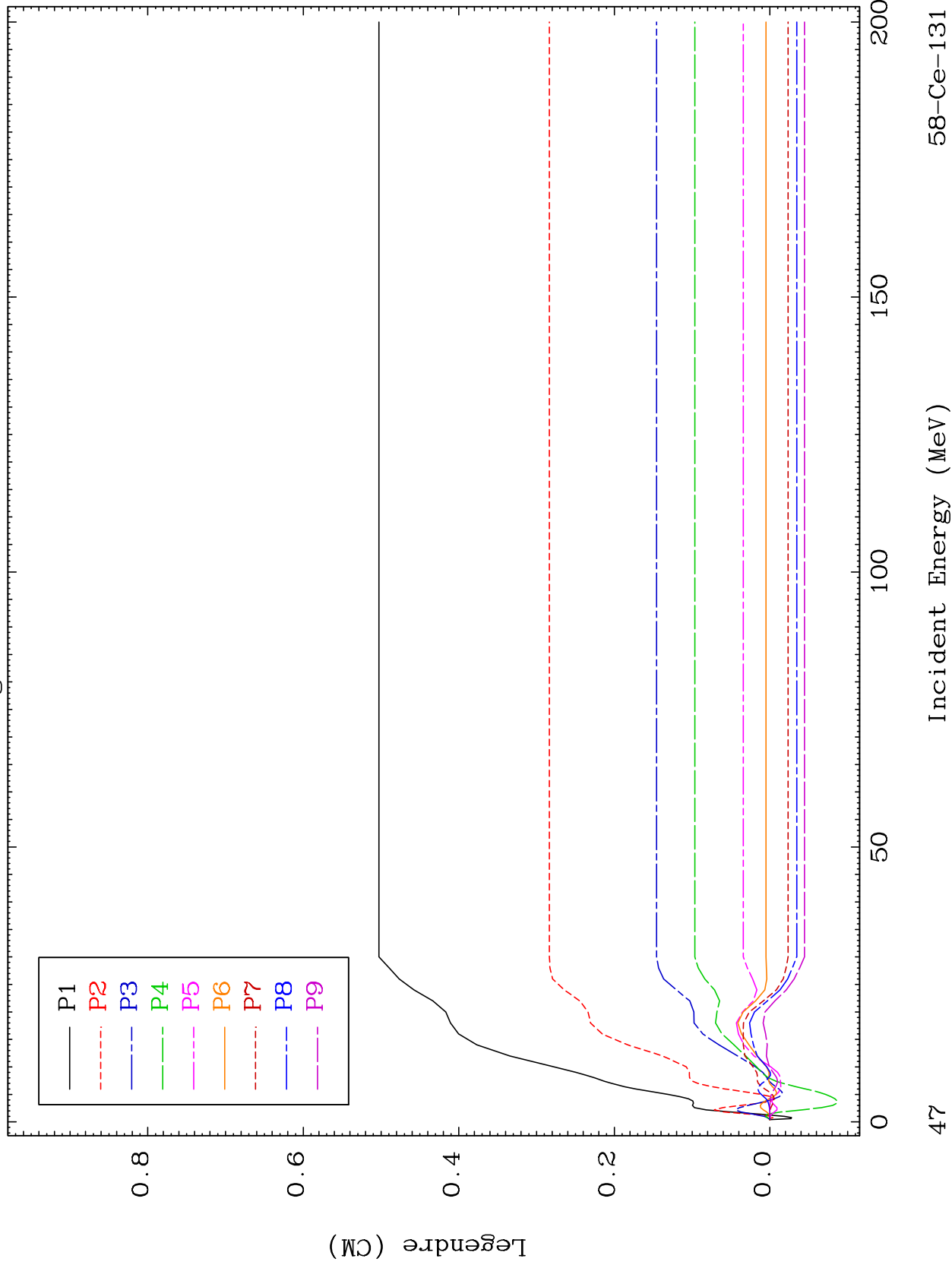
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

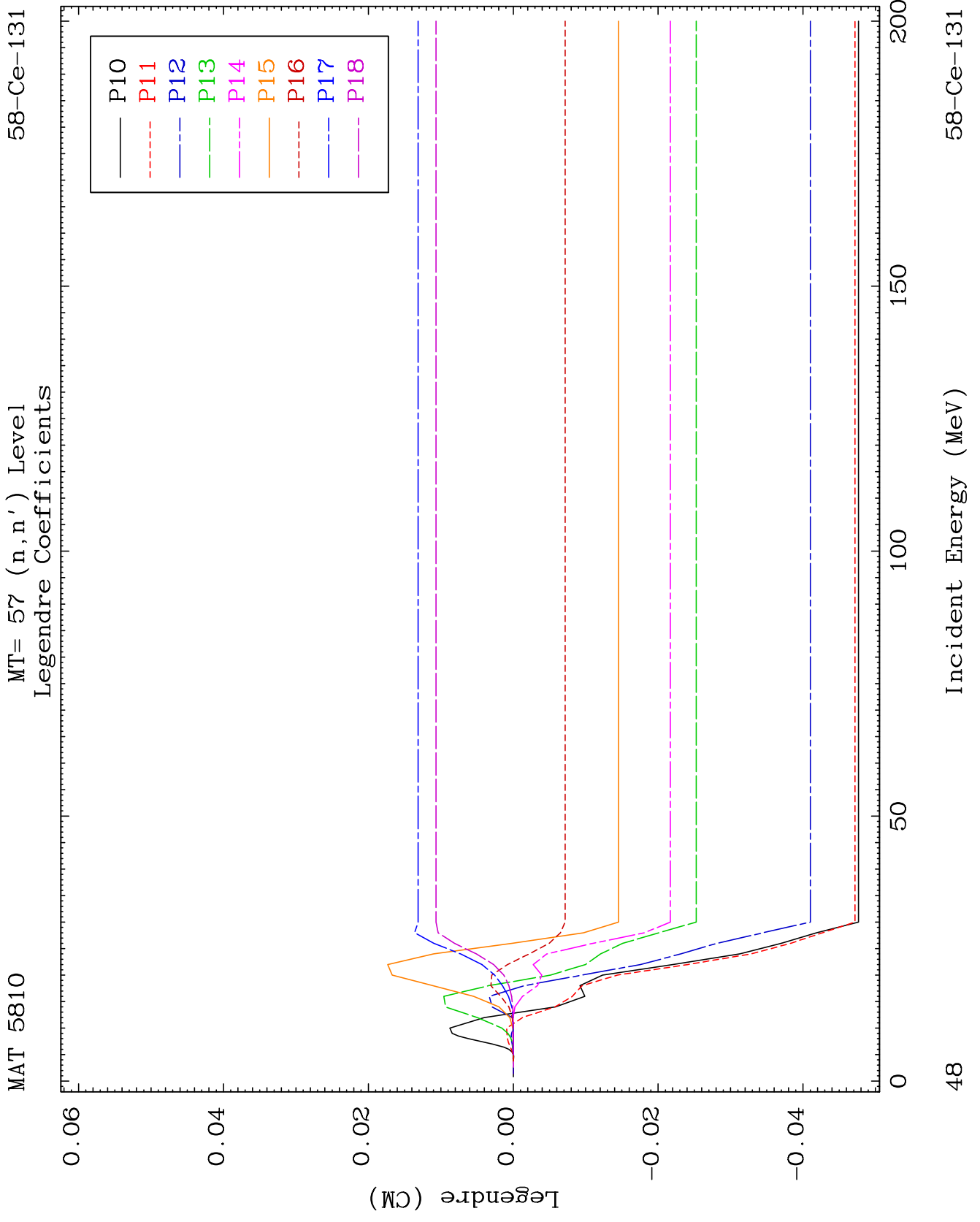
58-Ce-131



58-Ce-131

Incident Energy (MeV)

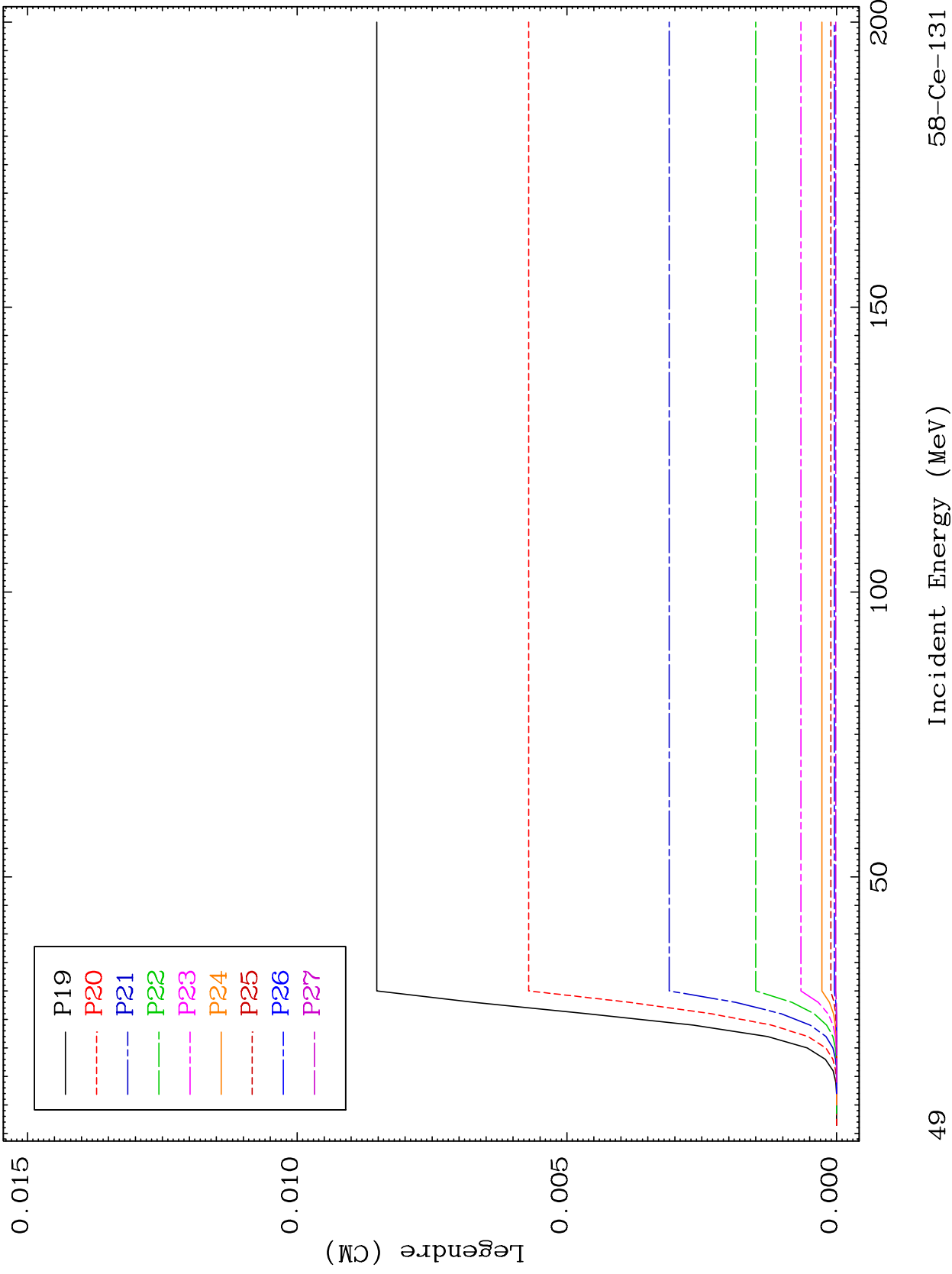
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MAT 5810

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

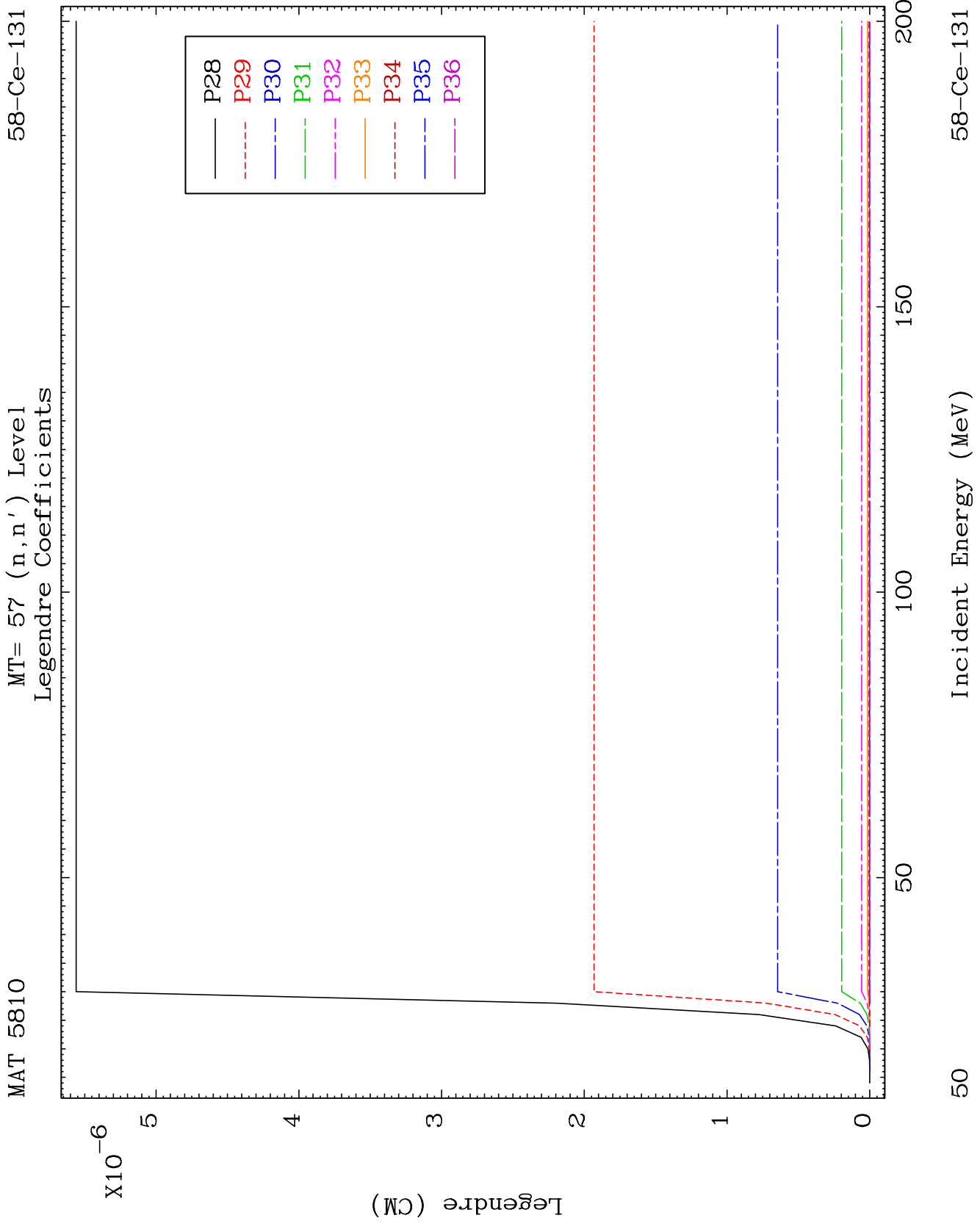
58-Ce-131



49

Incident Energy (MeV)

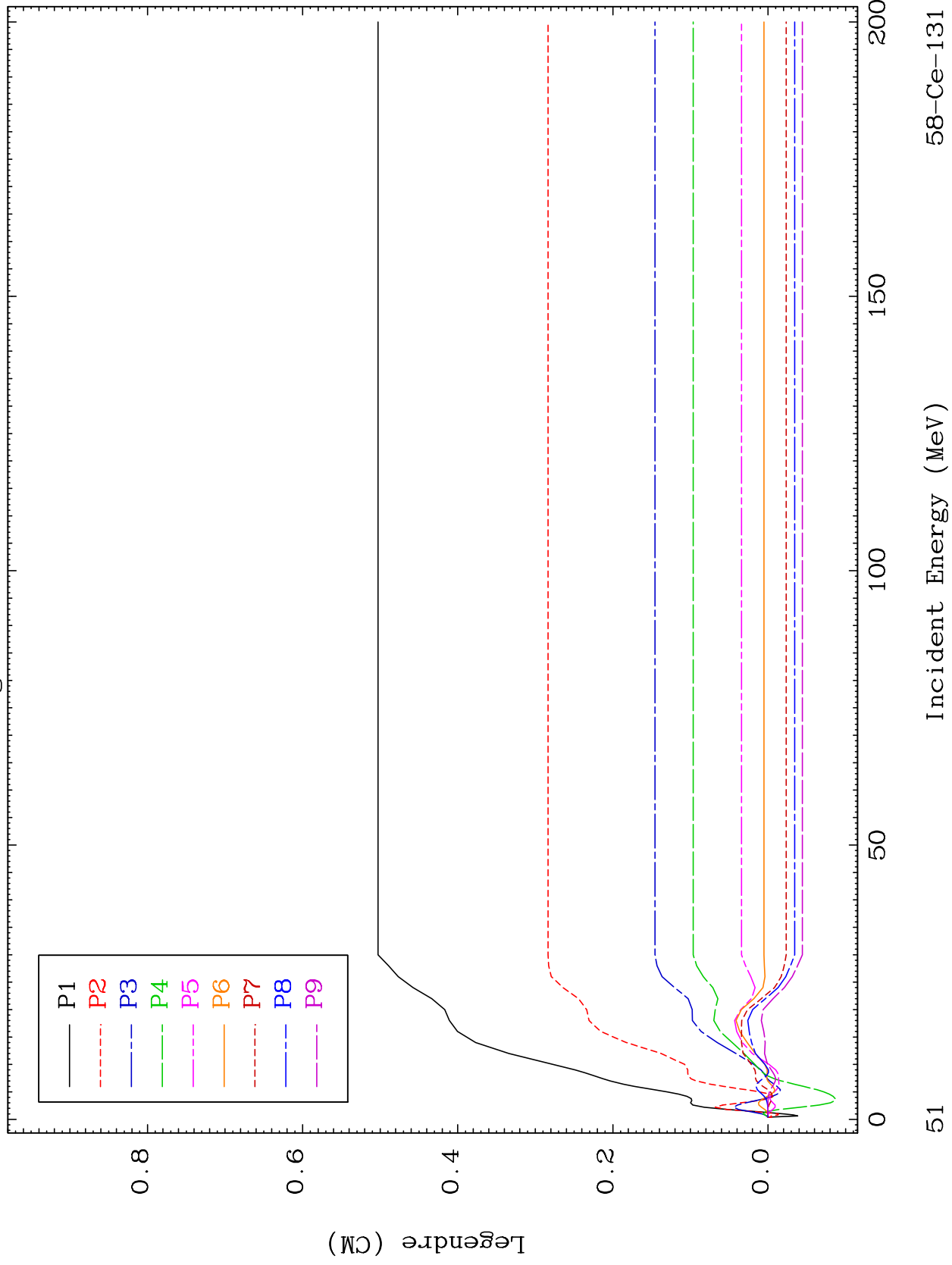
58-Ce-131



MAT 5810

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

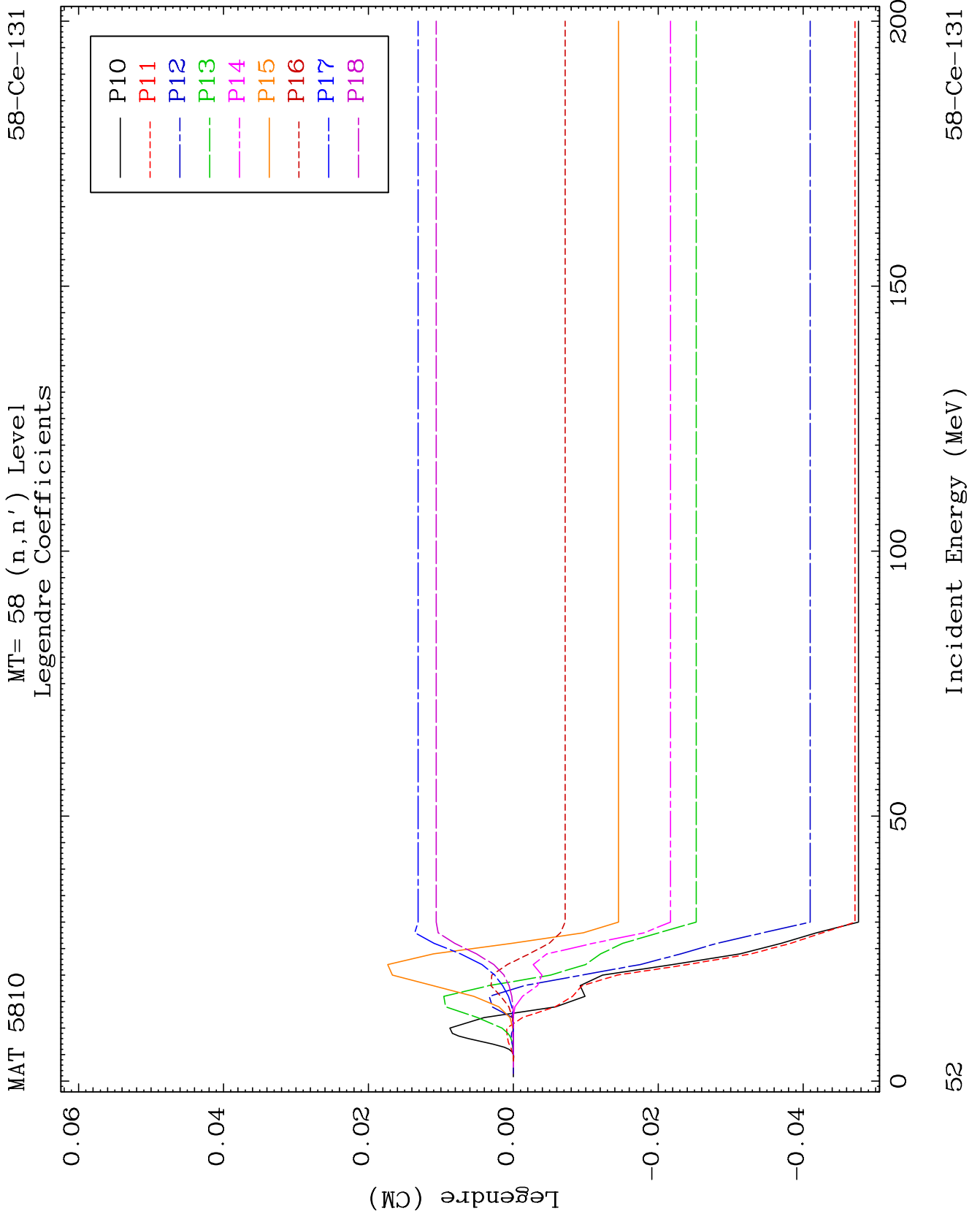
58-Ce-131



58-Ce-131

Incident Energy (MeV)

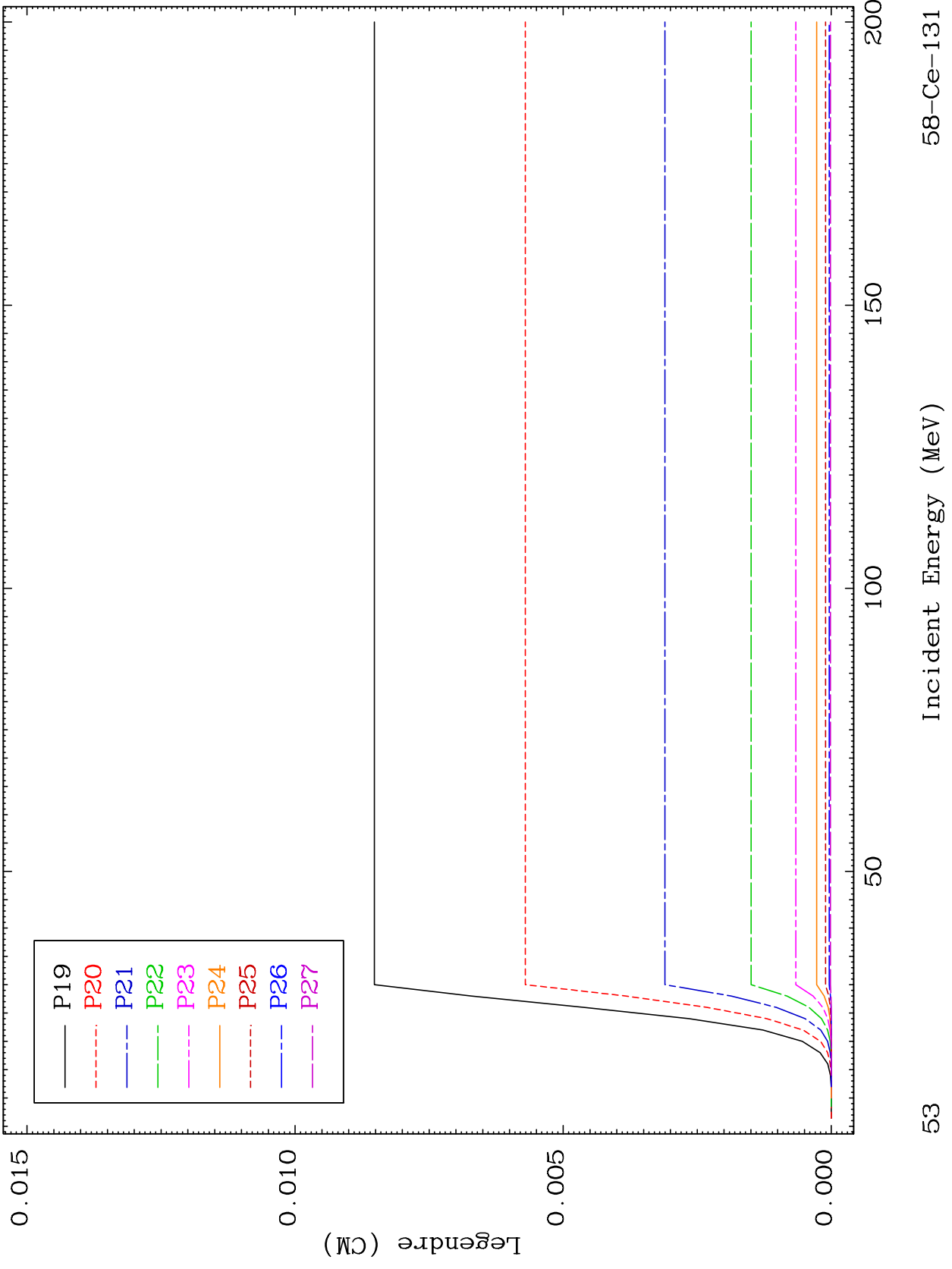
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MAT 5810

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

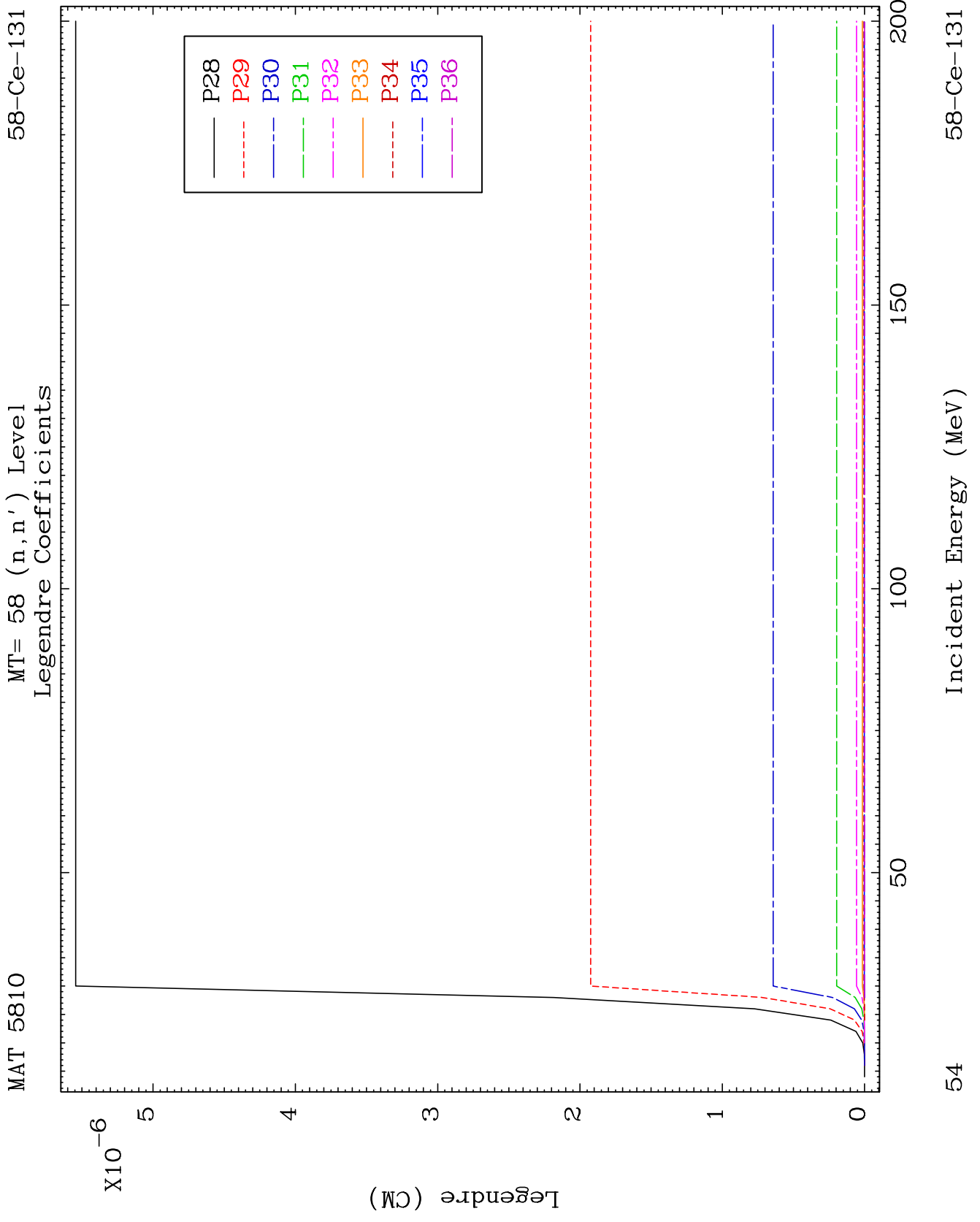
58-Ce-131



53

58-Ce-131

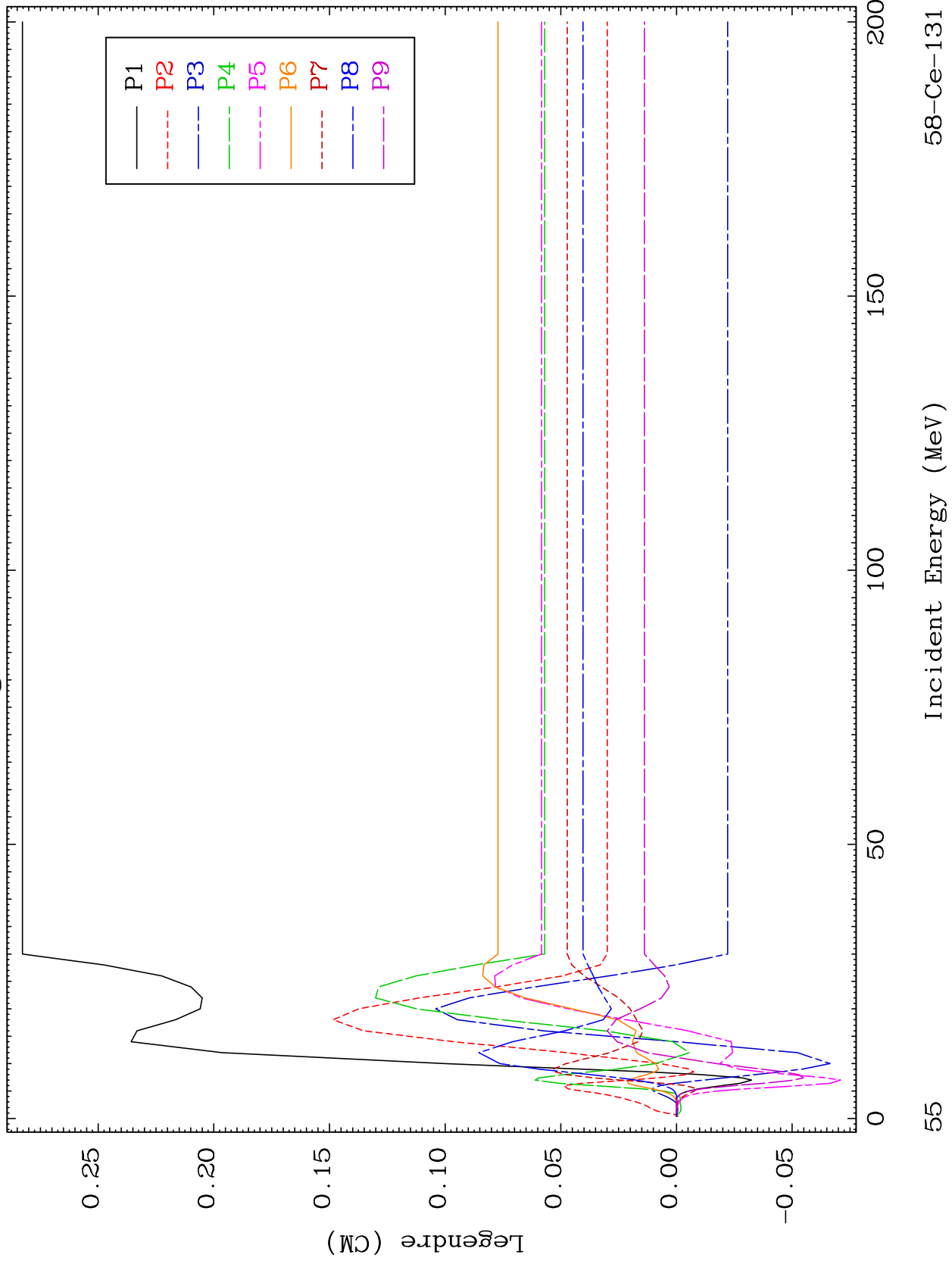
Incident Energy (MeV)



MAT 5810

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

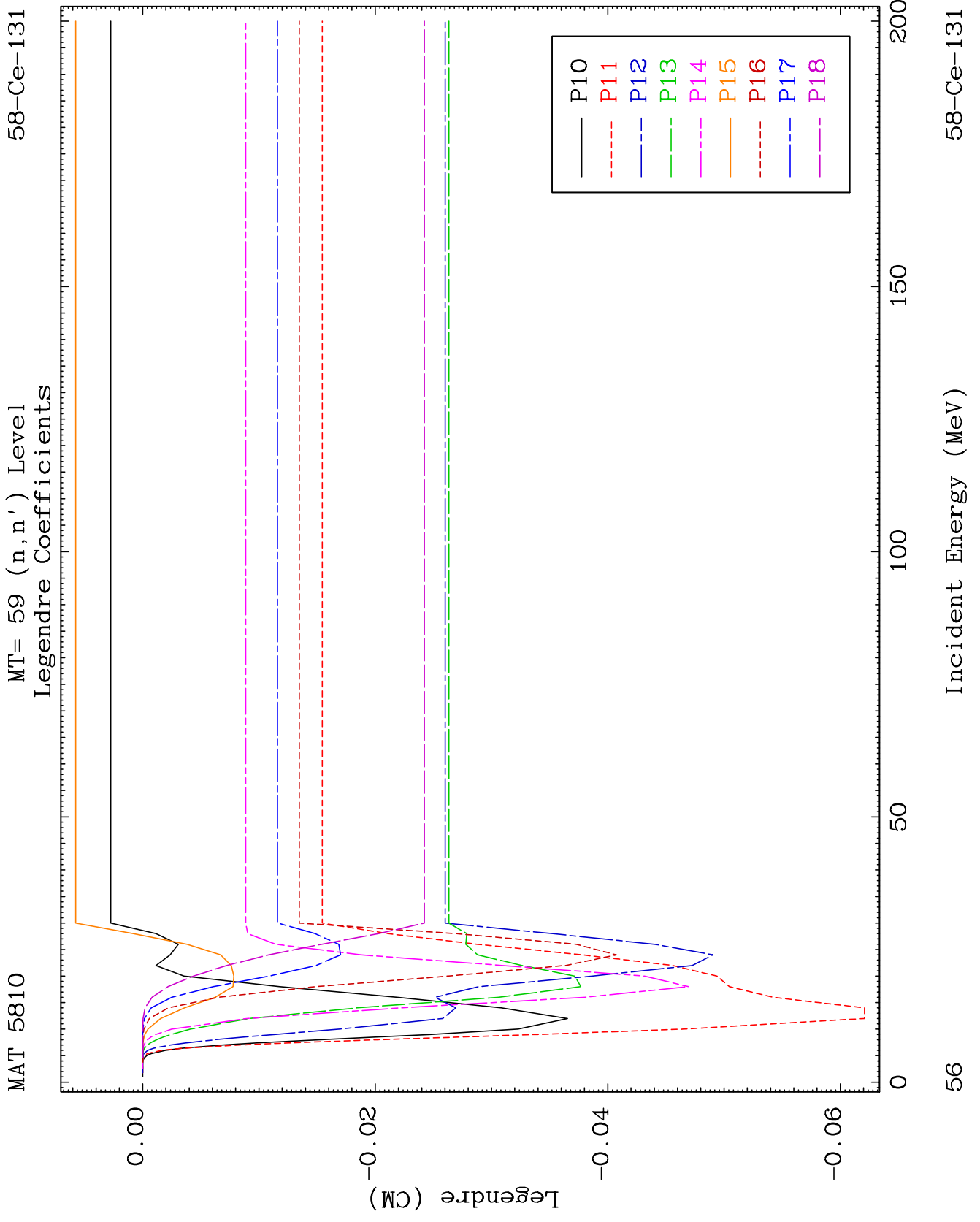
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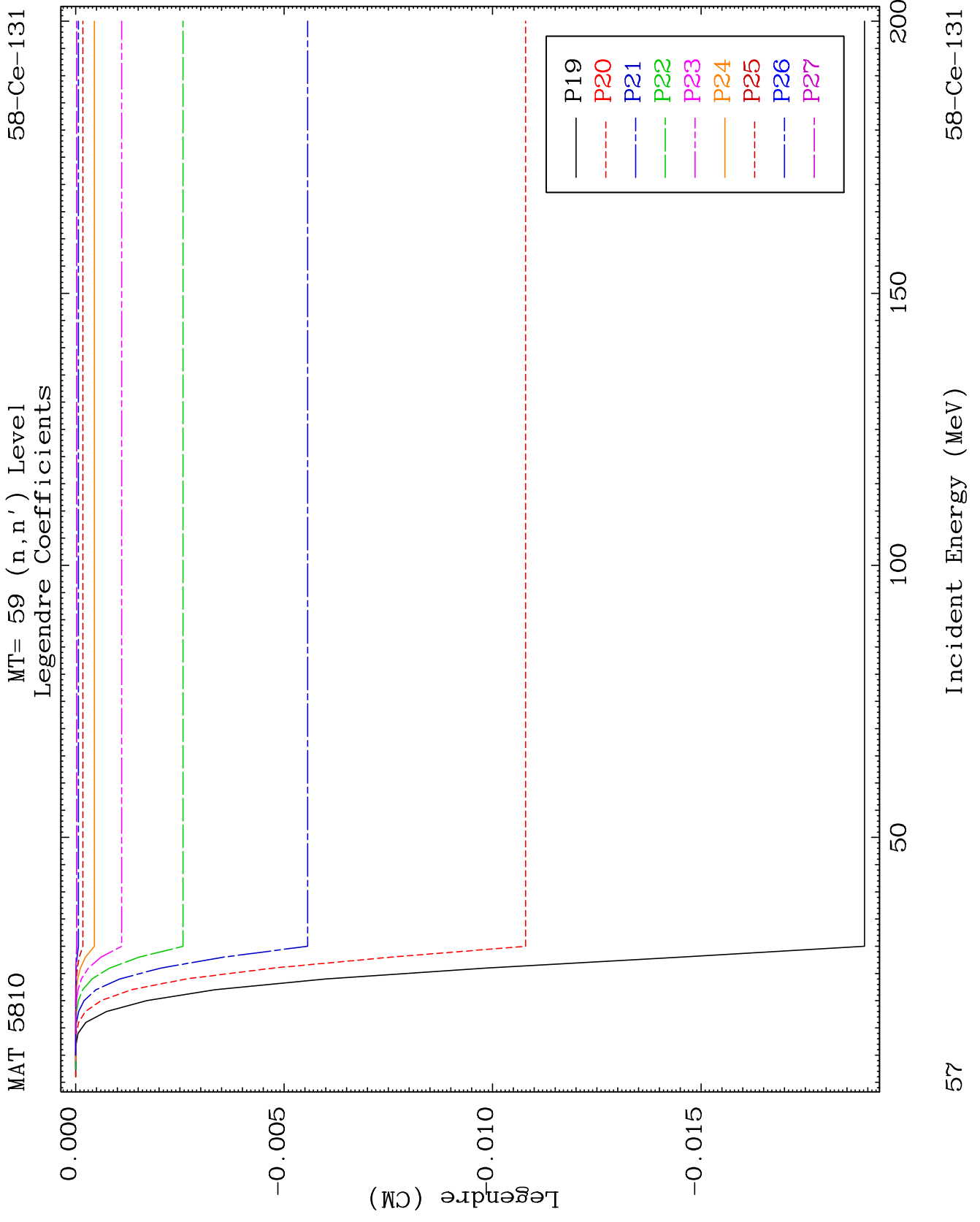


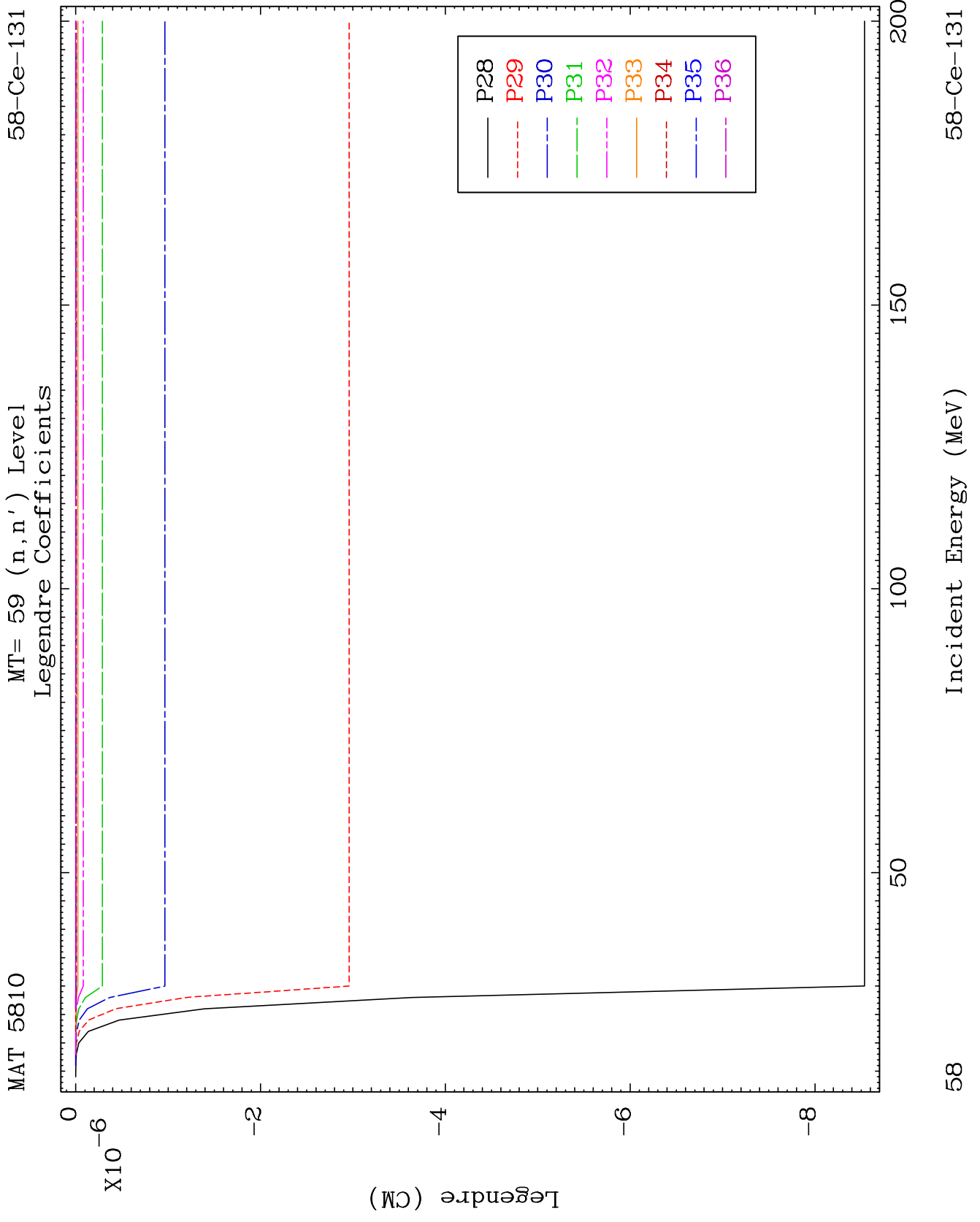
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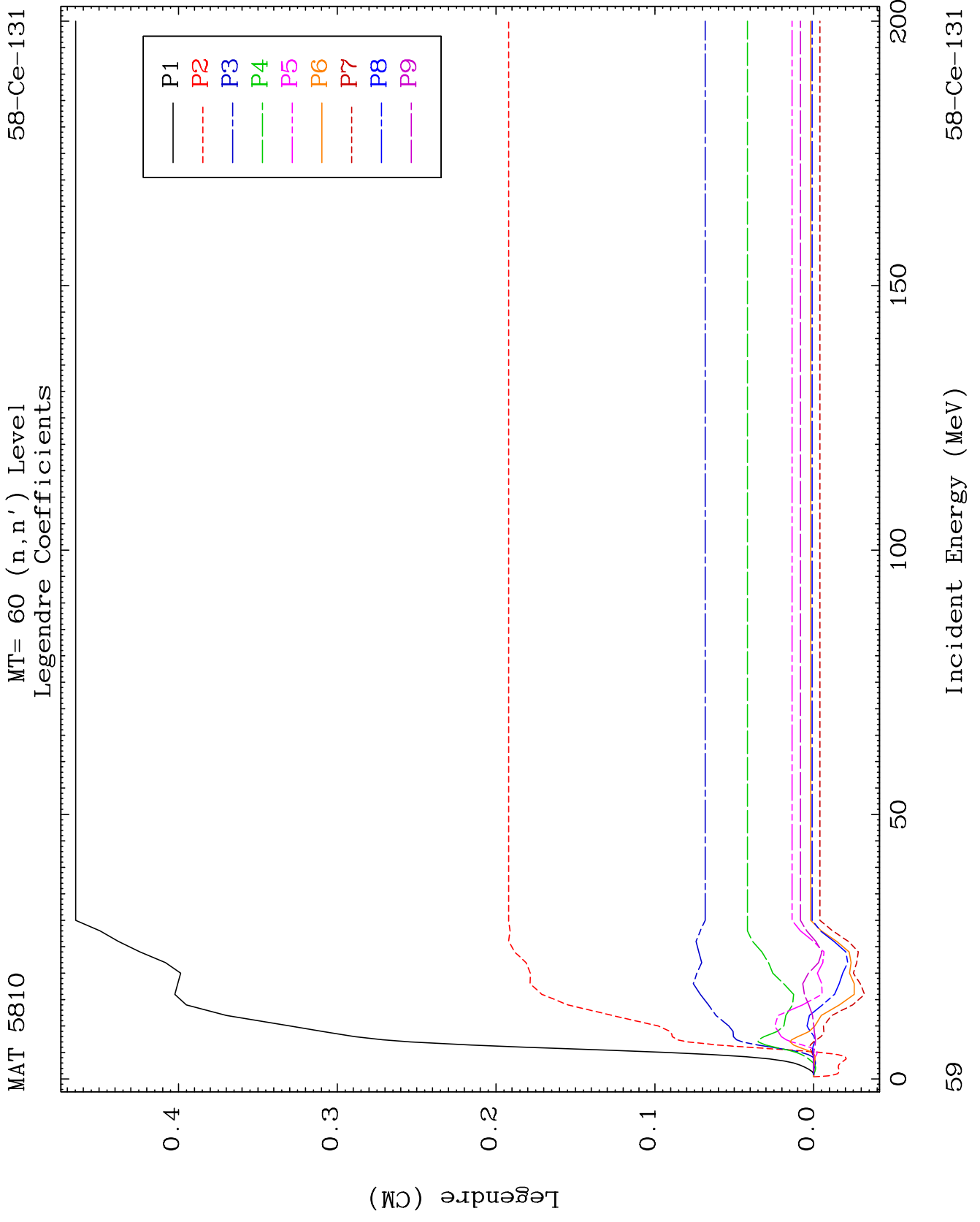
Incident Energy (MeV)

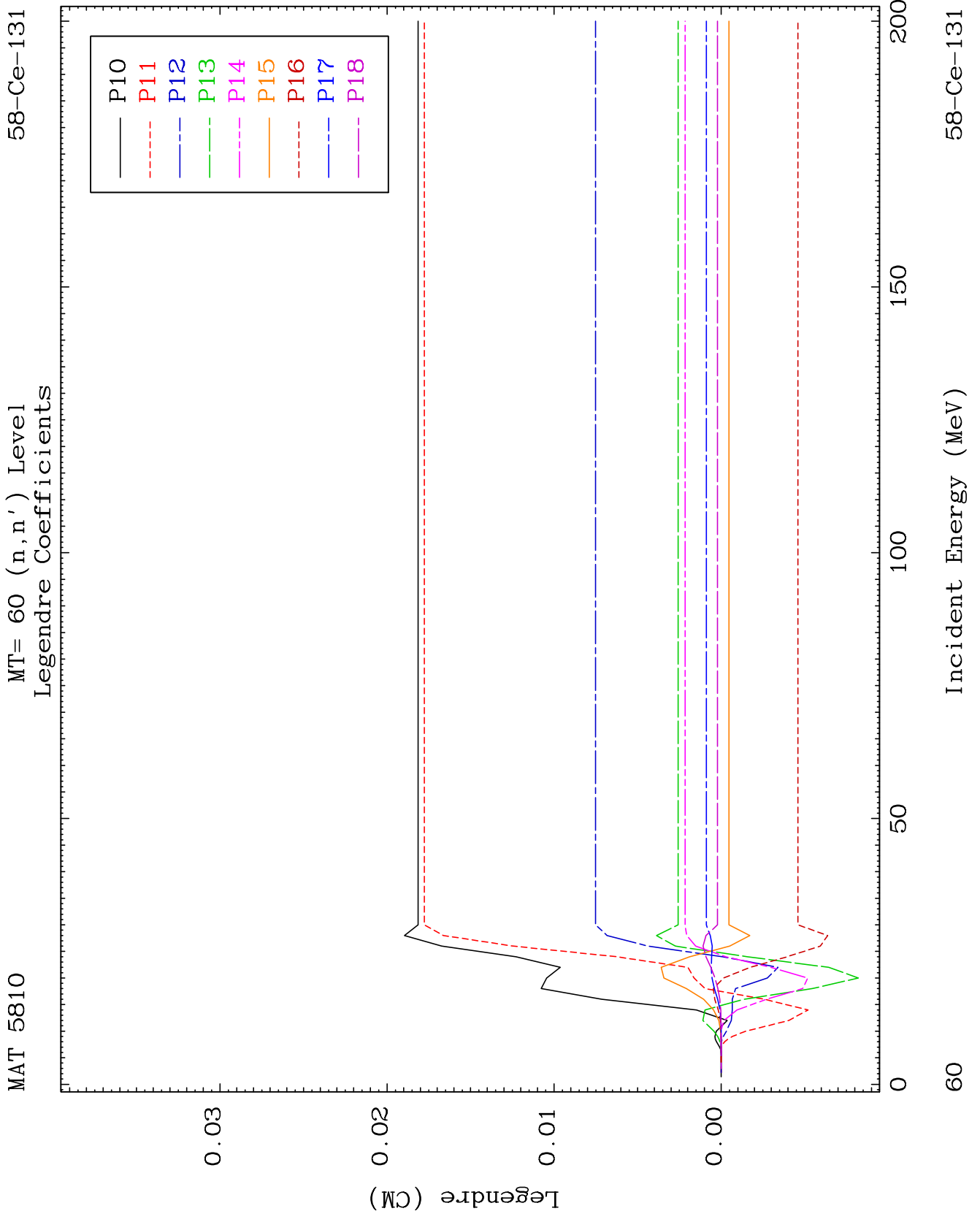
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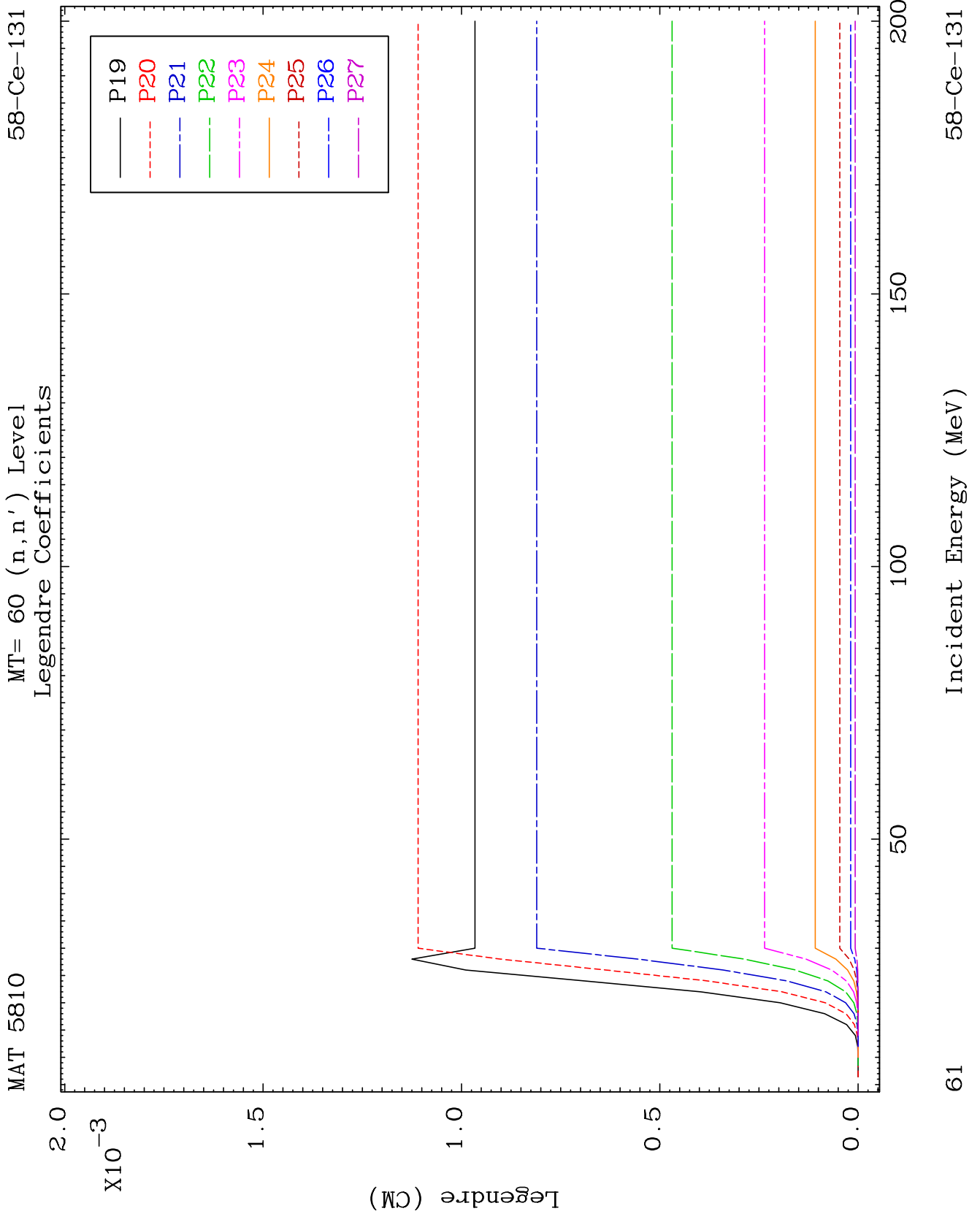


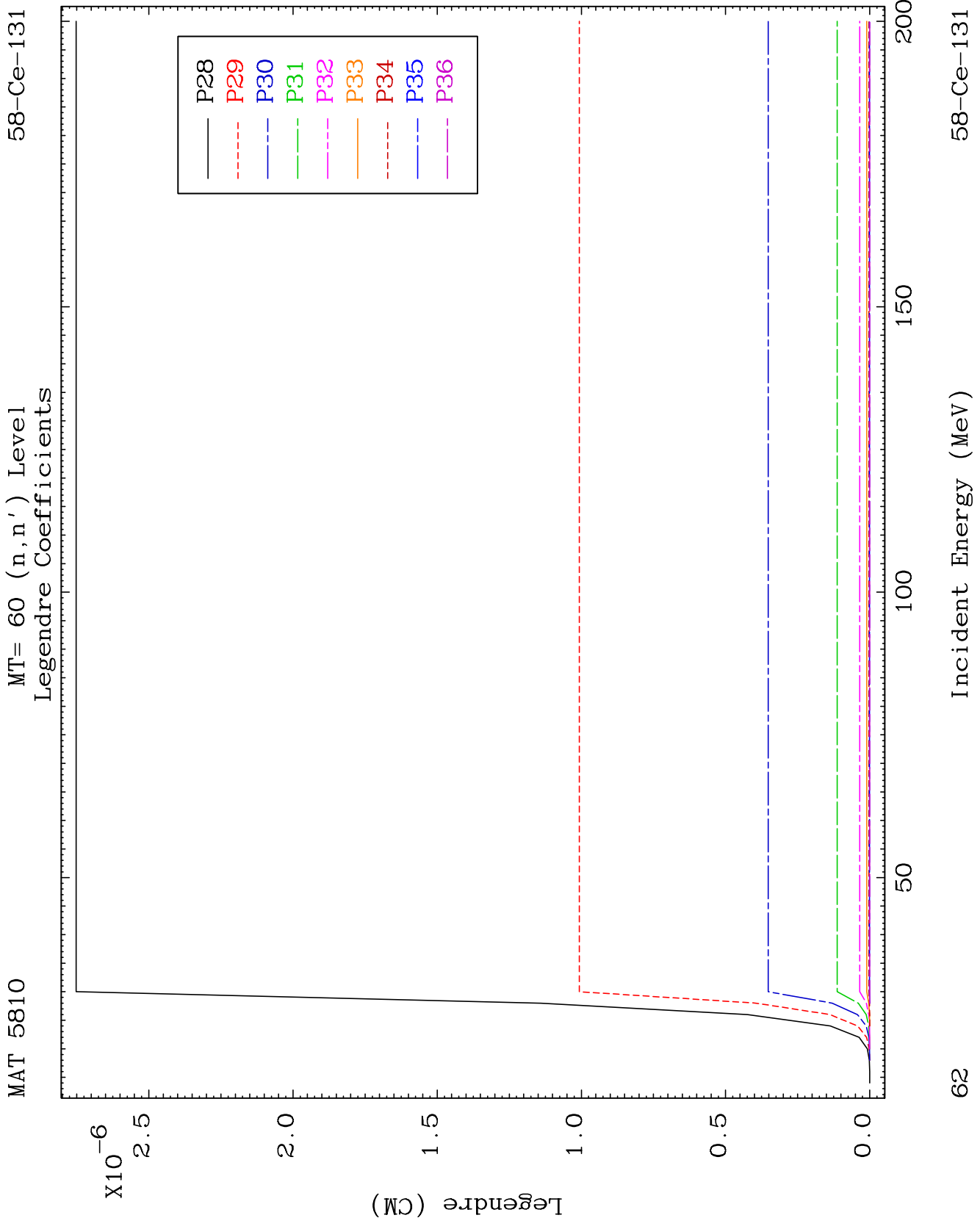








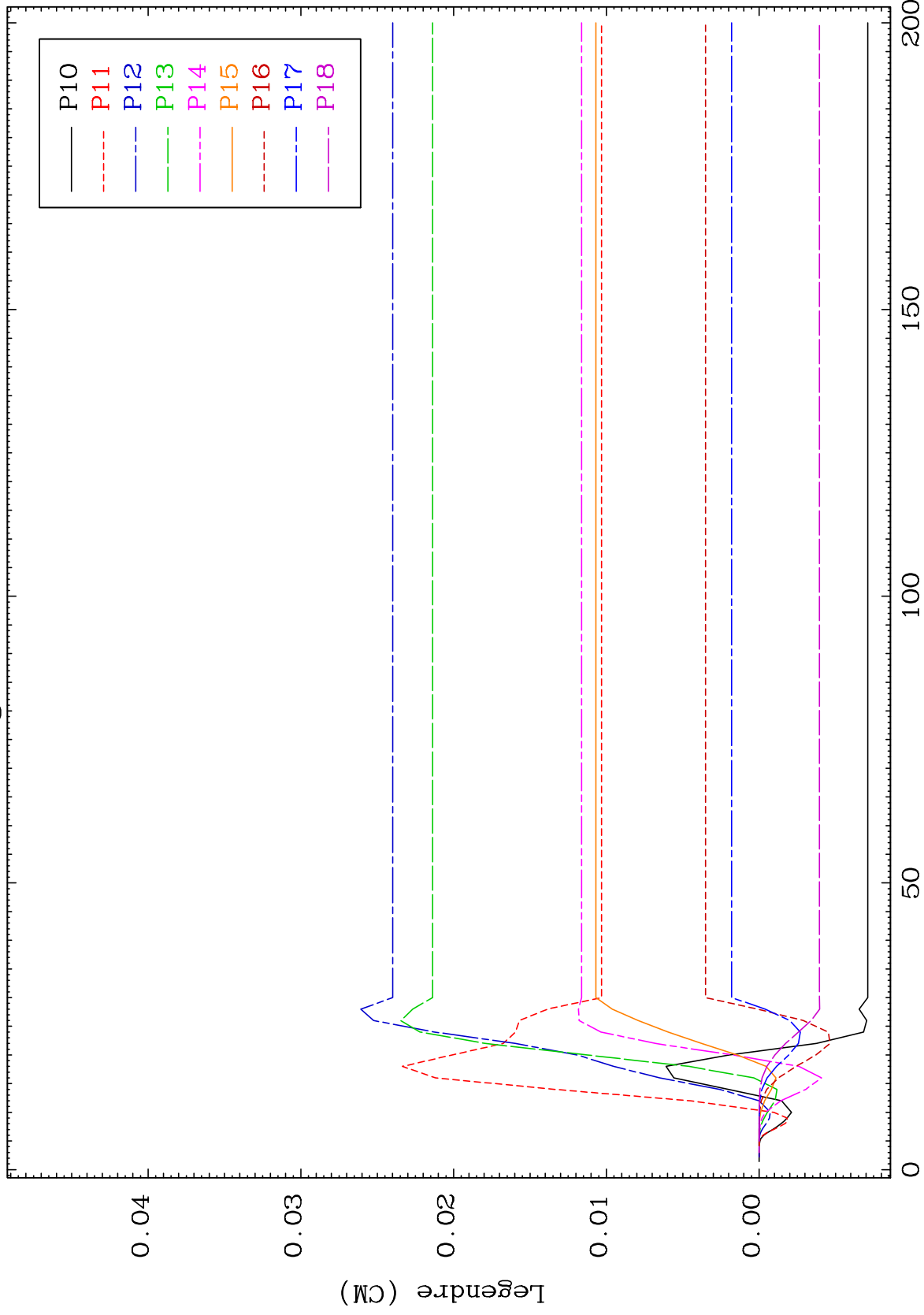




MAT 5810

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

58-Ce-131



64

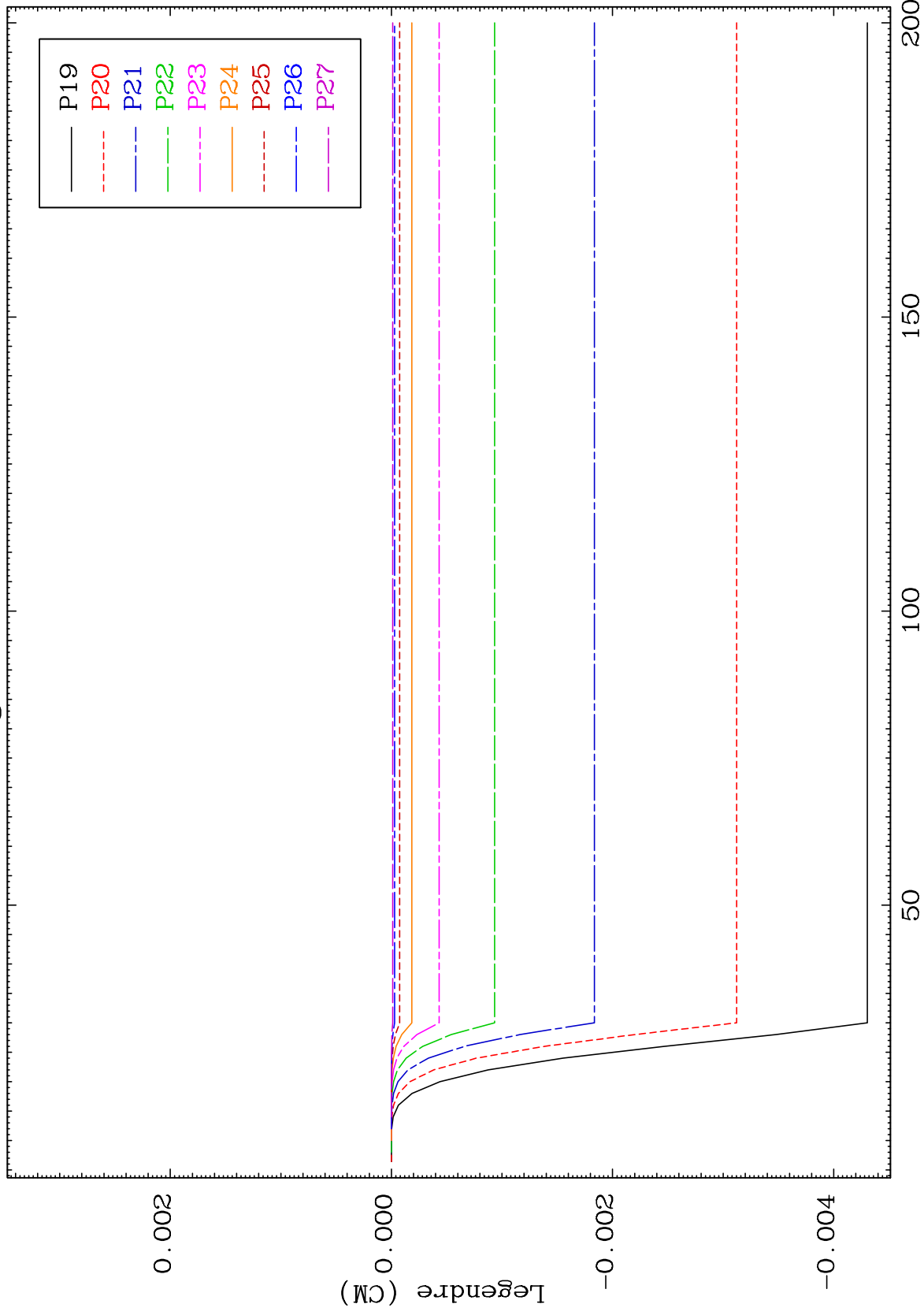
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

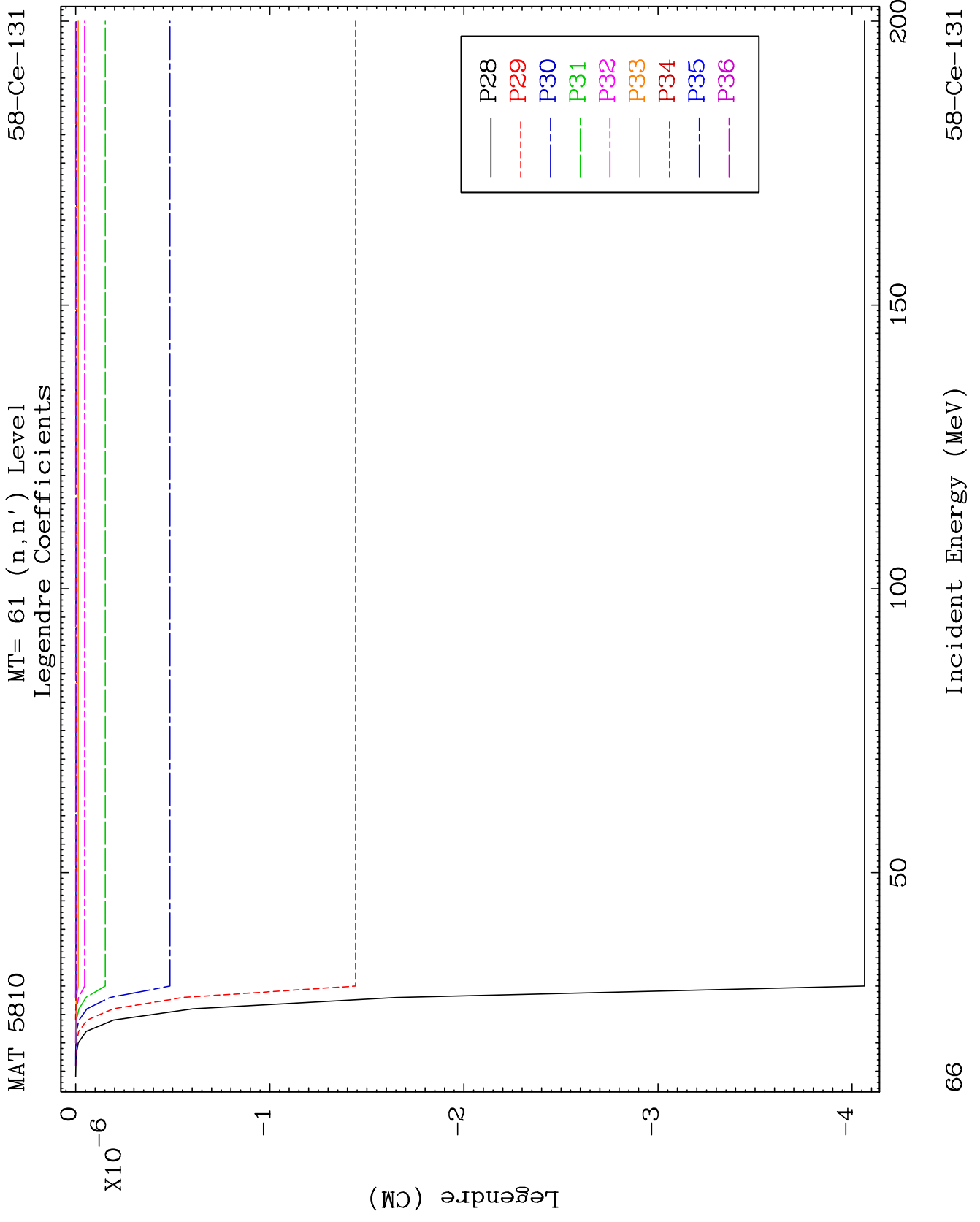
58-Ce-131



65

Incident Energy (MeV)

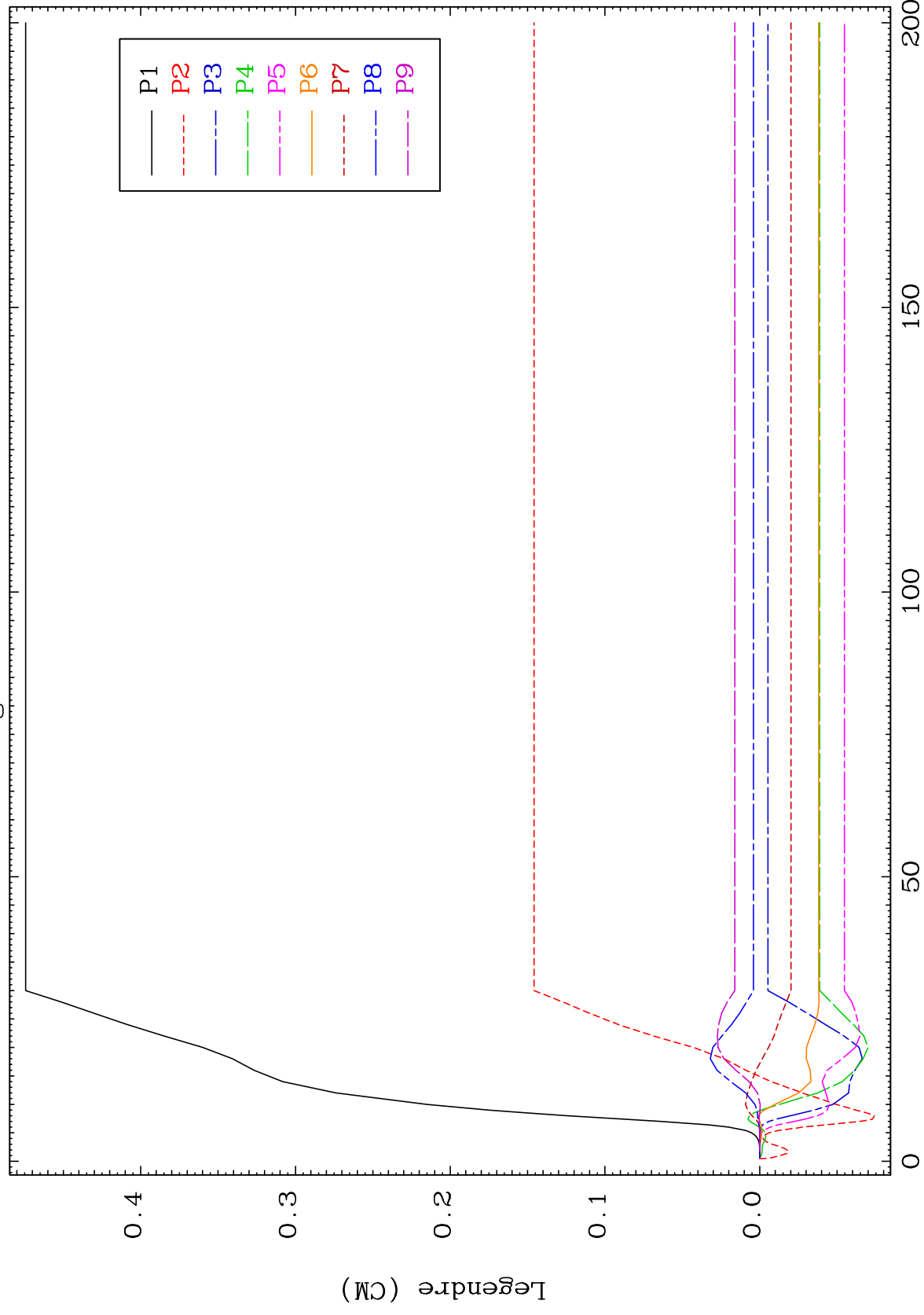
58-Ce-131



MAT 5810

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

58-Ce-131



67

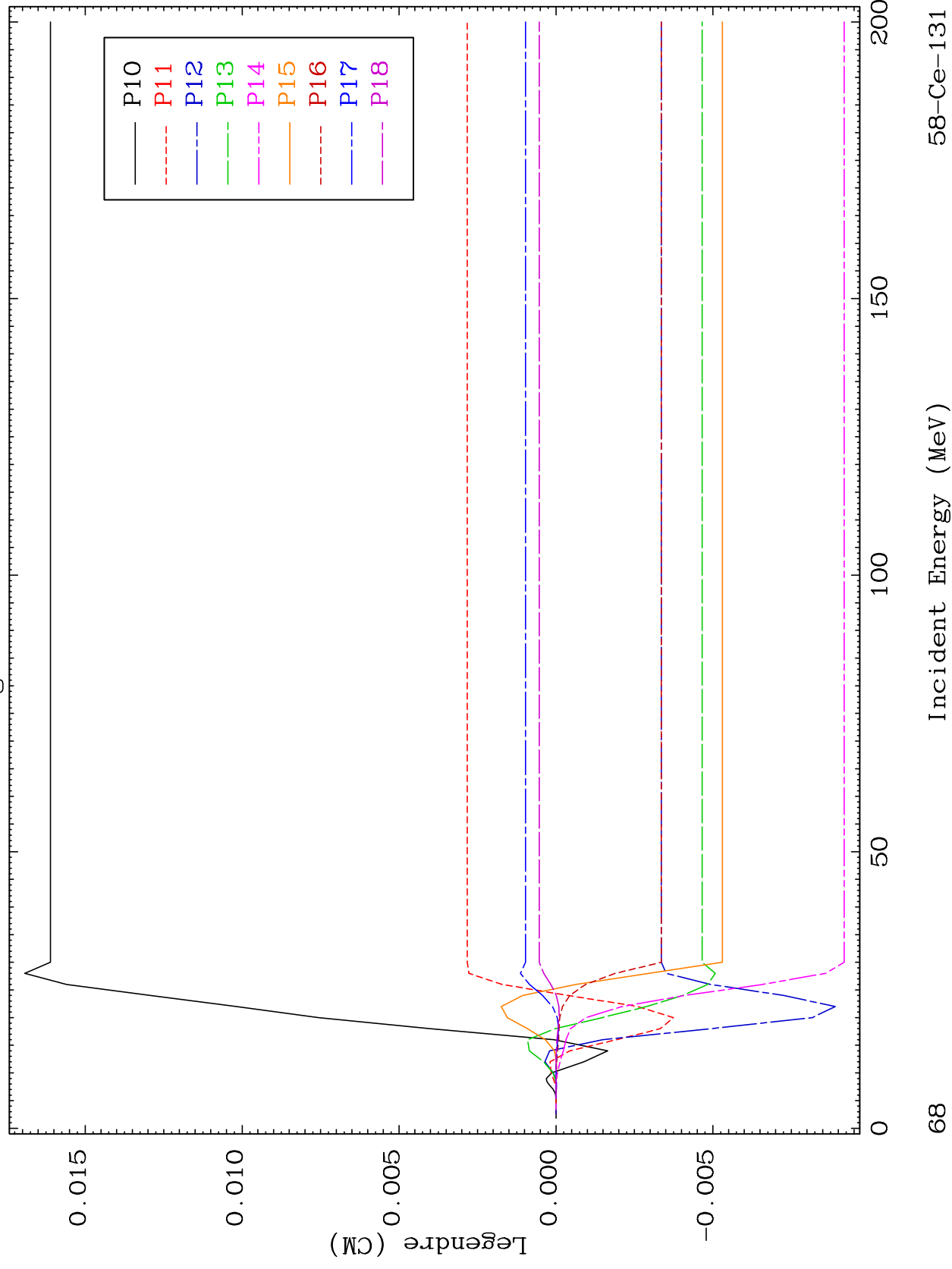
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



68

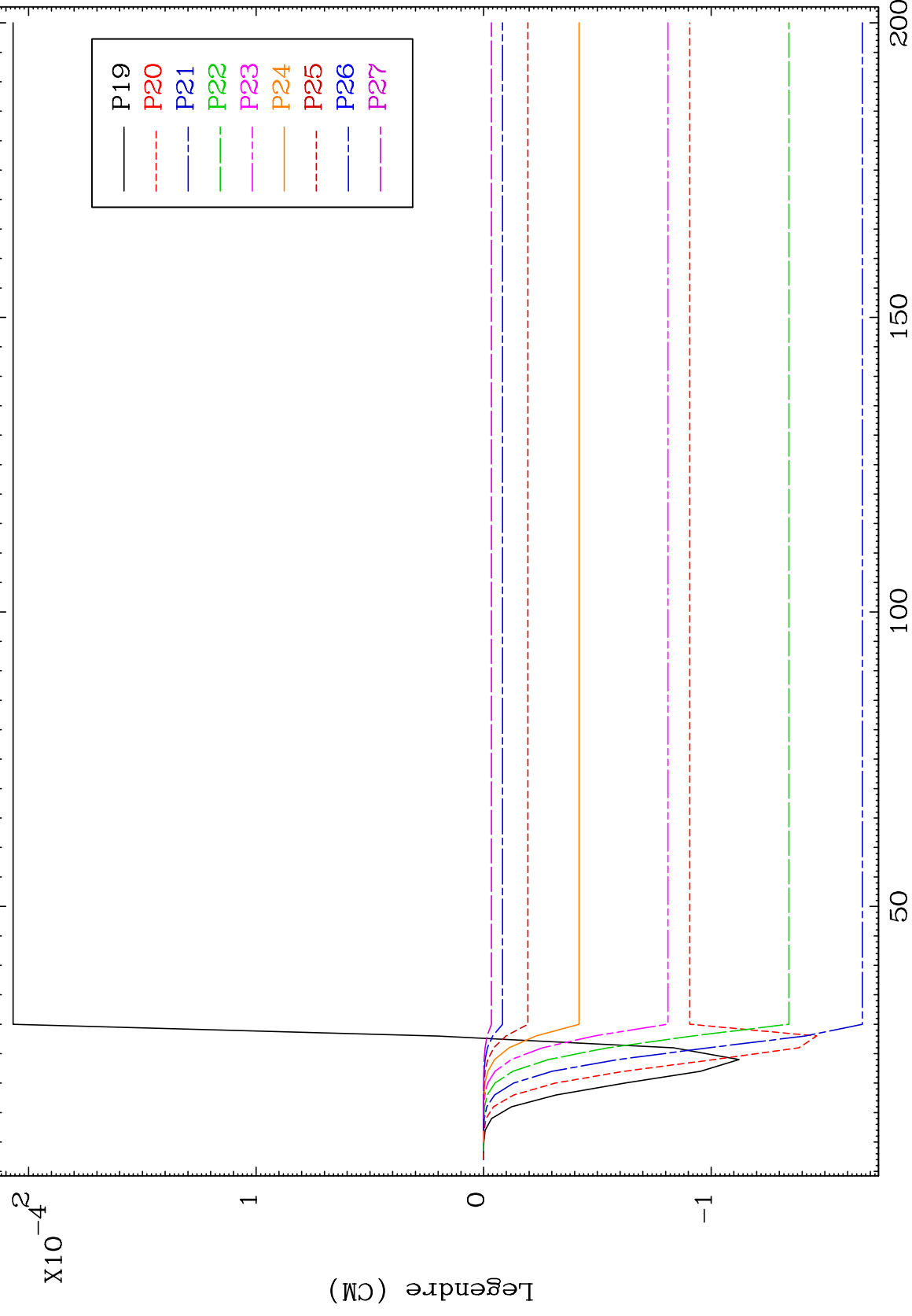
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

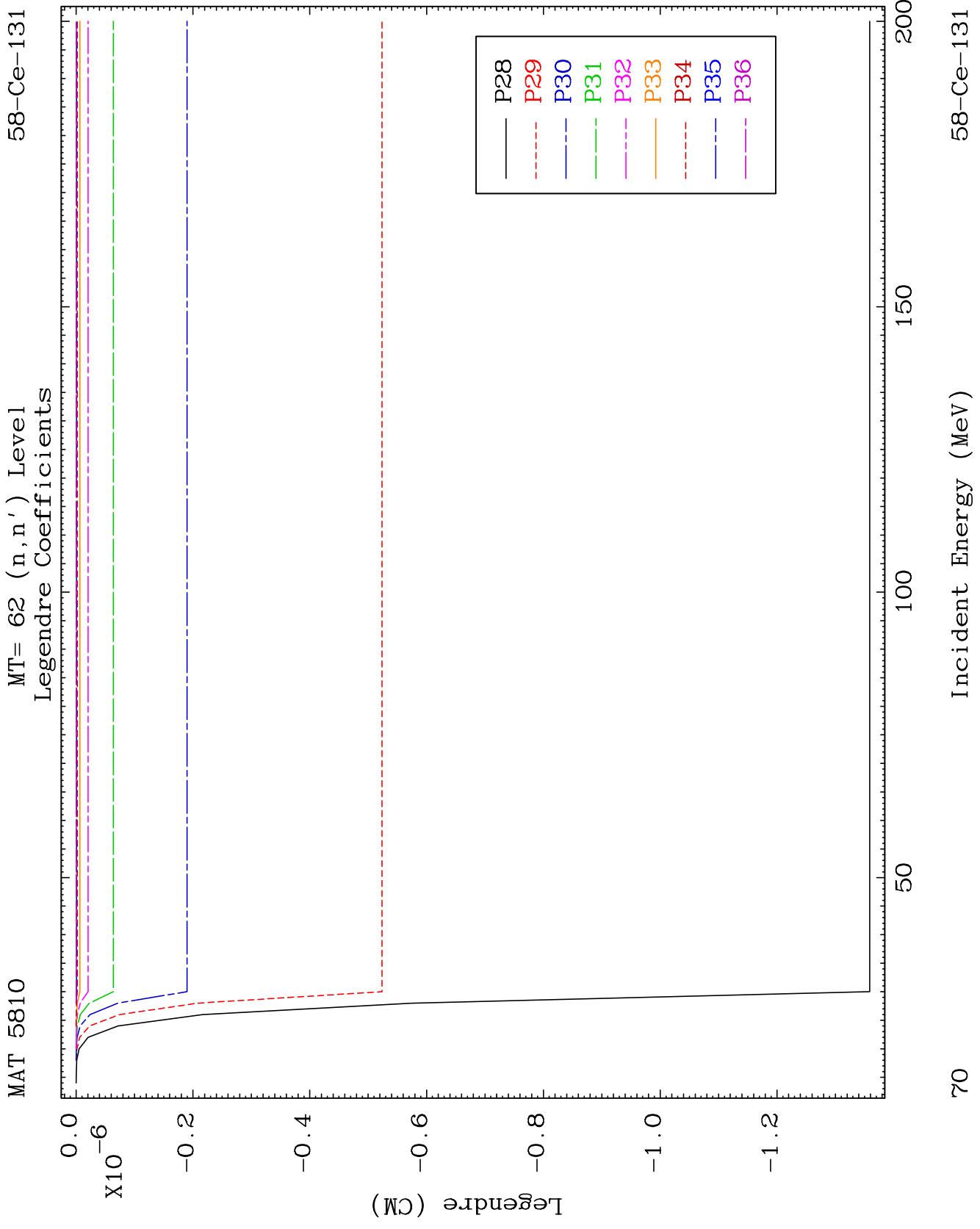
58-Ce-131



69

Incident Energy (MeV)

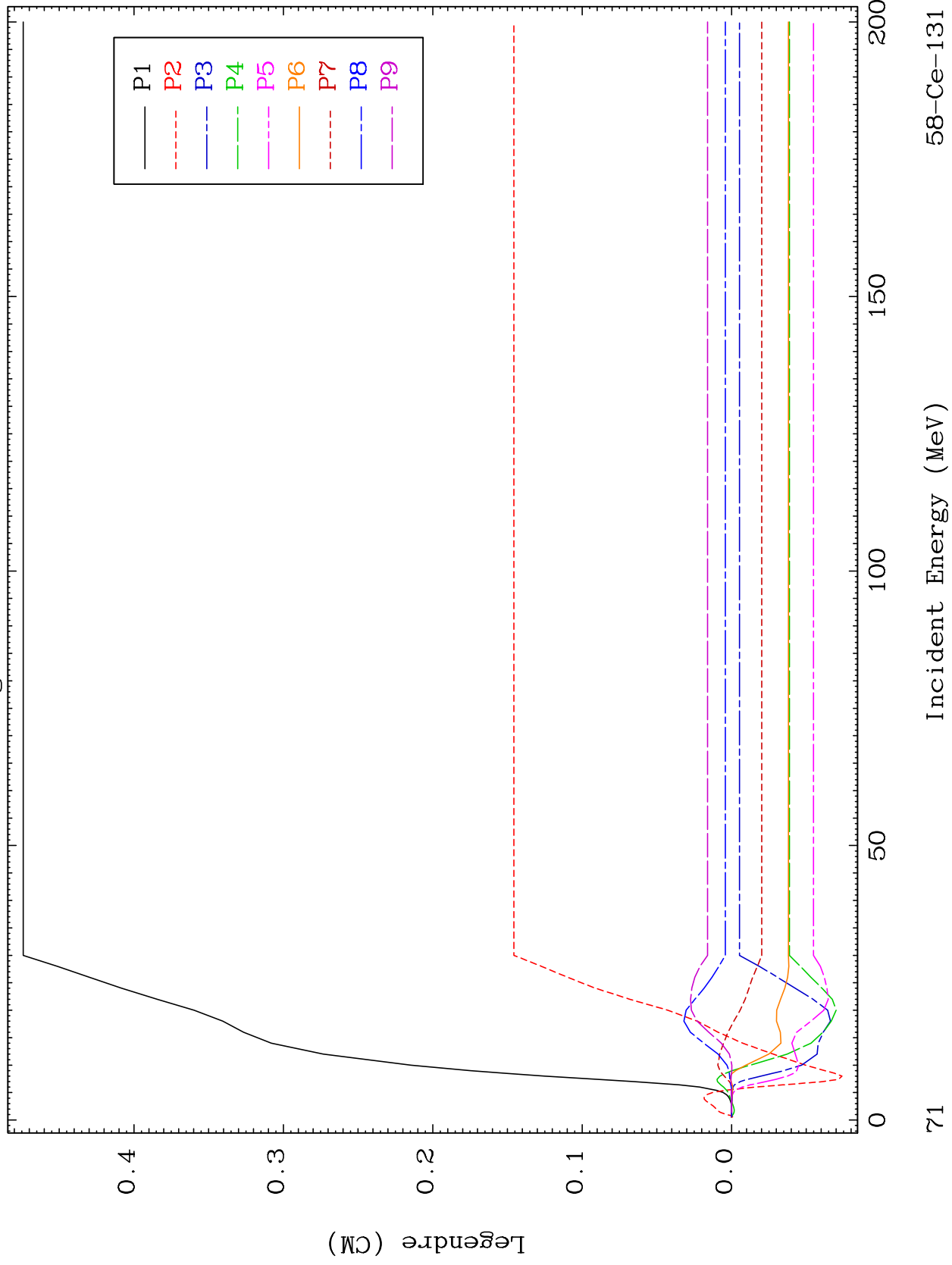
58-Ce-131



MAT 5810

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

58-Ce-131



58-Ce-131

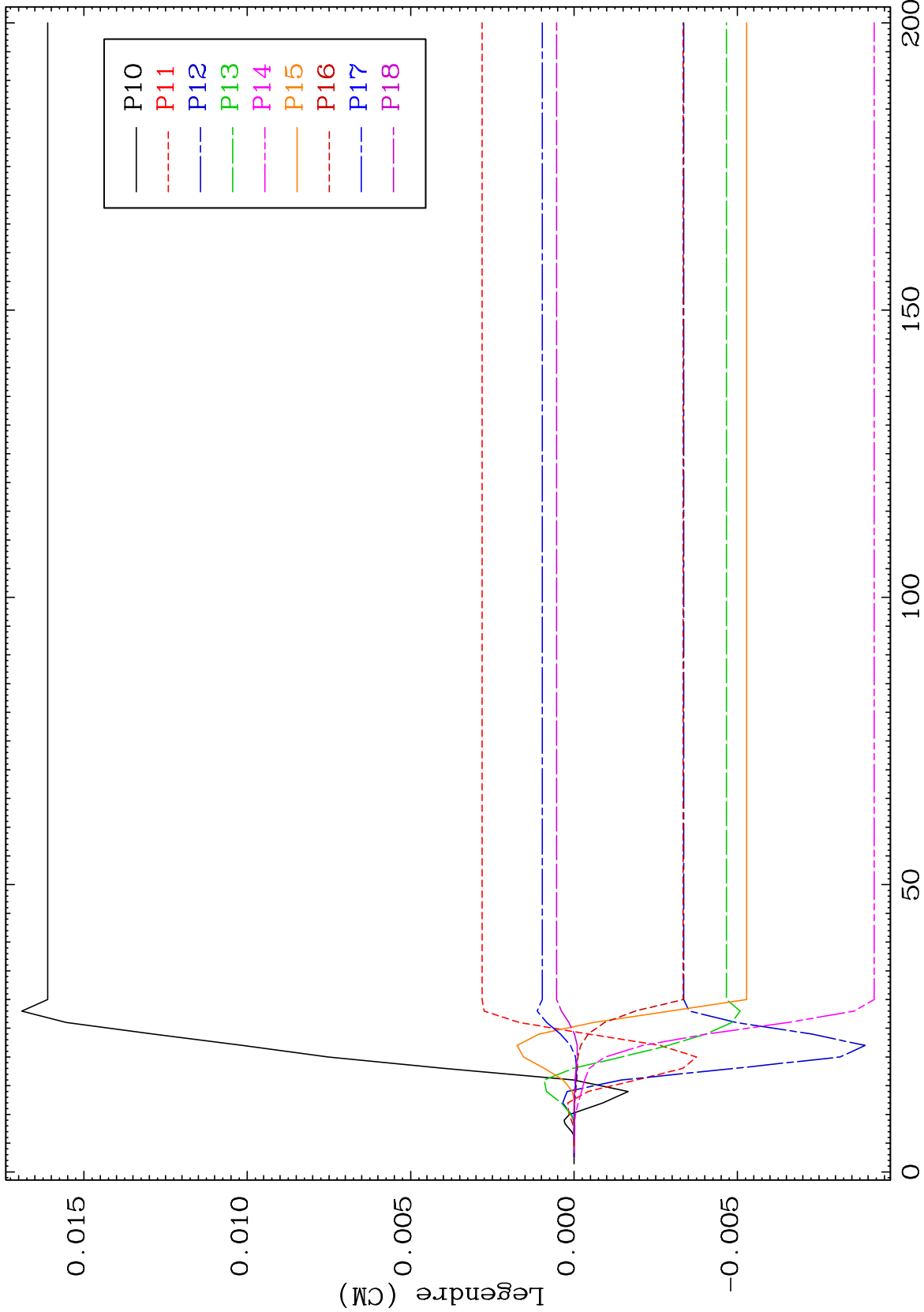
Incident Energy (MeV)

71

MAT 5810

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

58-Ce-131



72

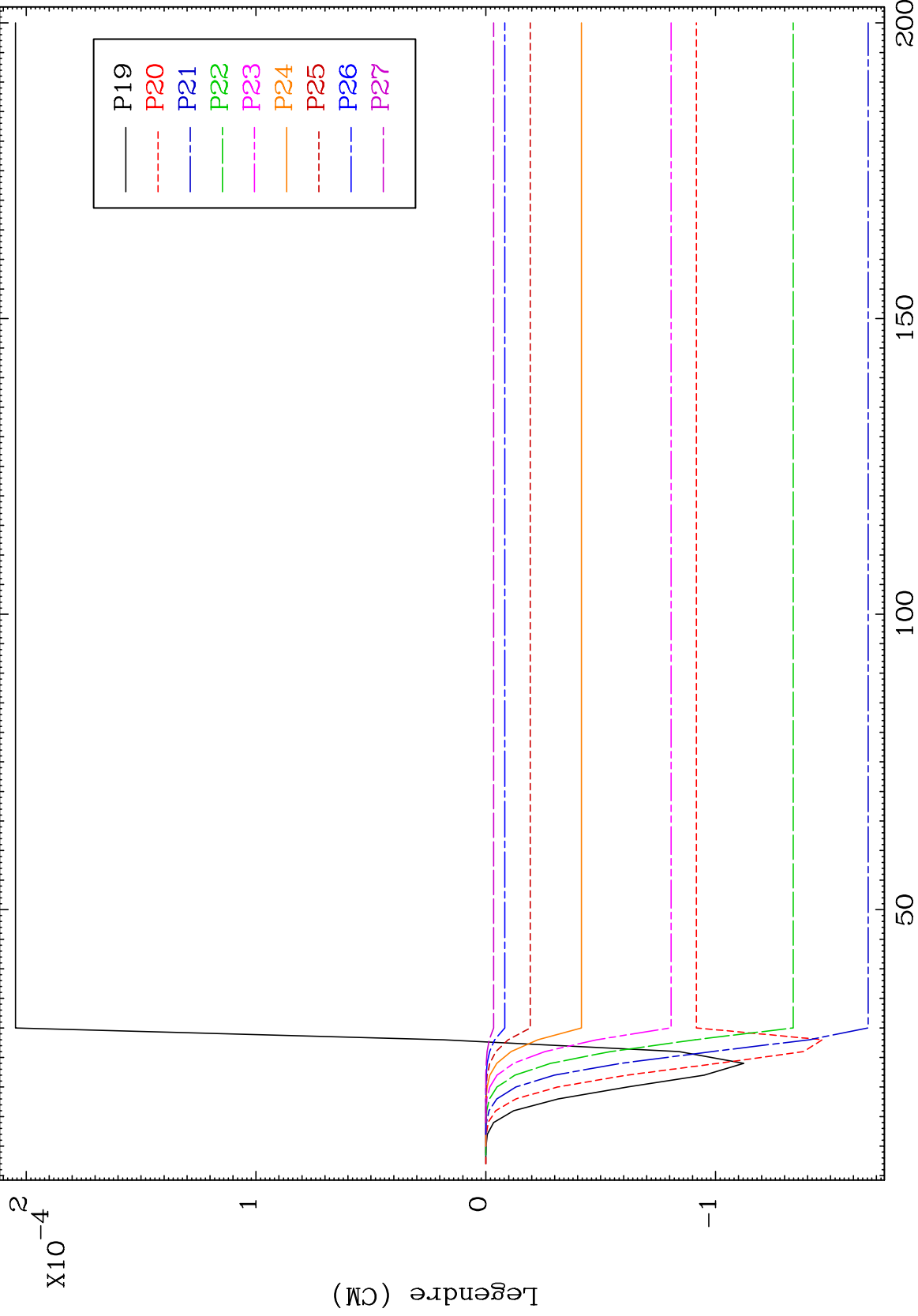
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

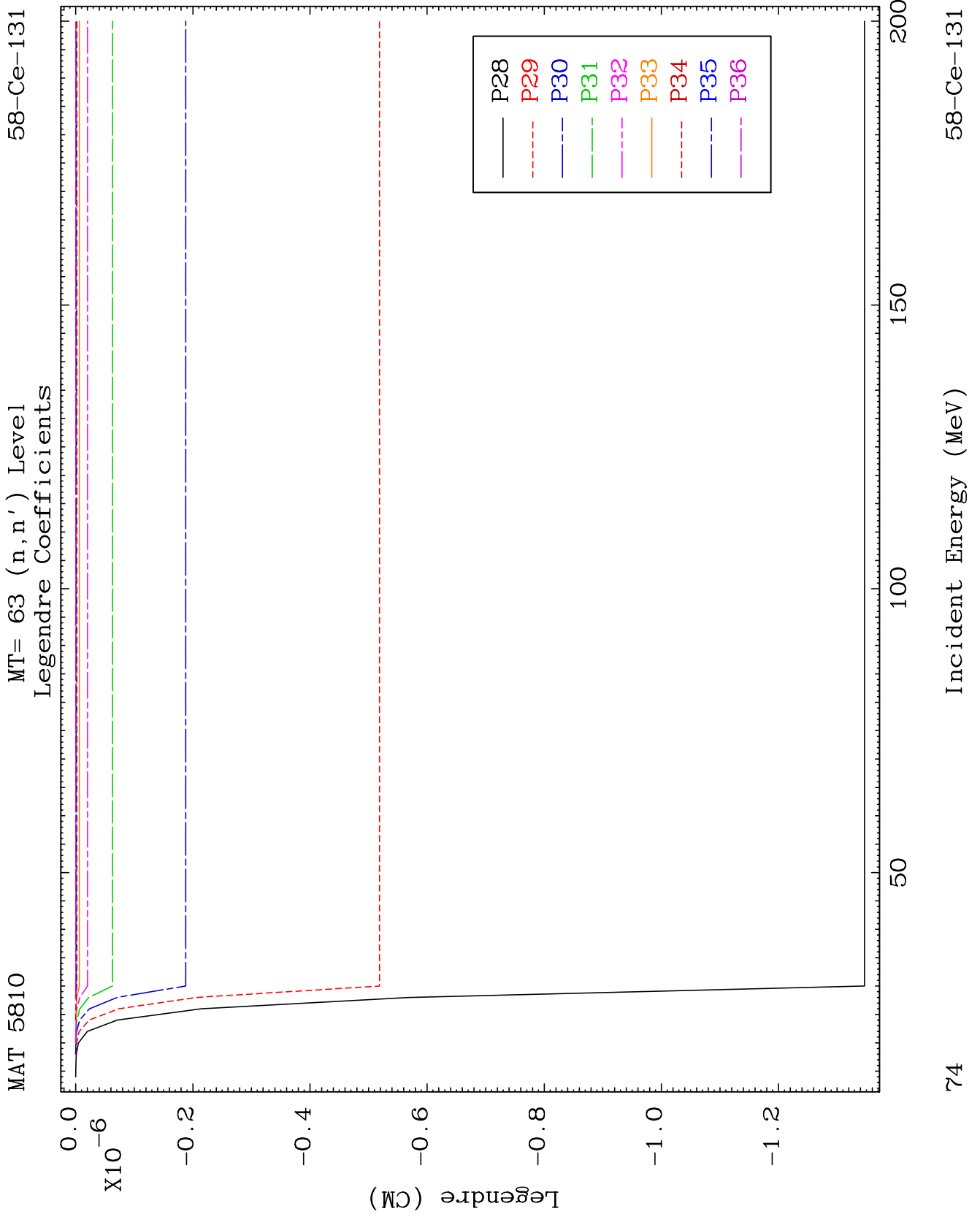
58-Ce-131



73

Incident Energy (MeV)

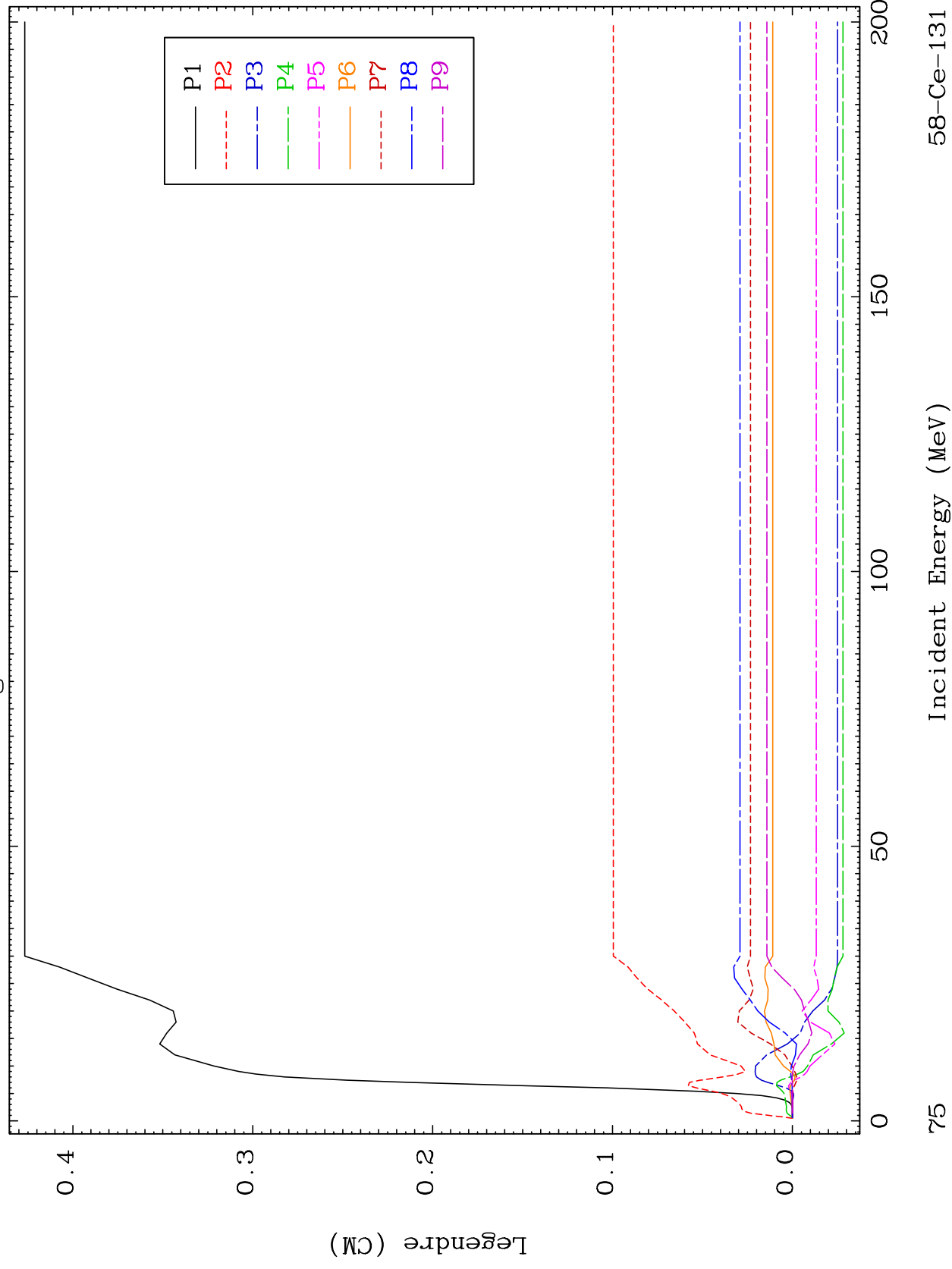
58-Ce-131



MAT 5810

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

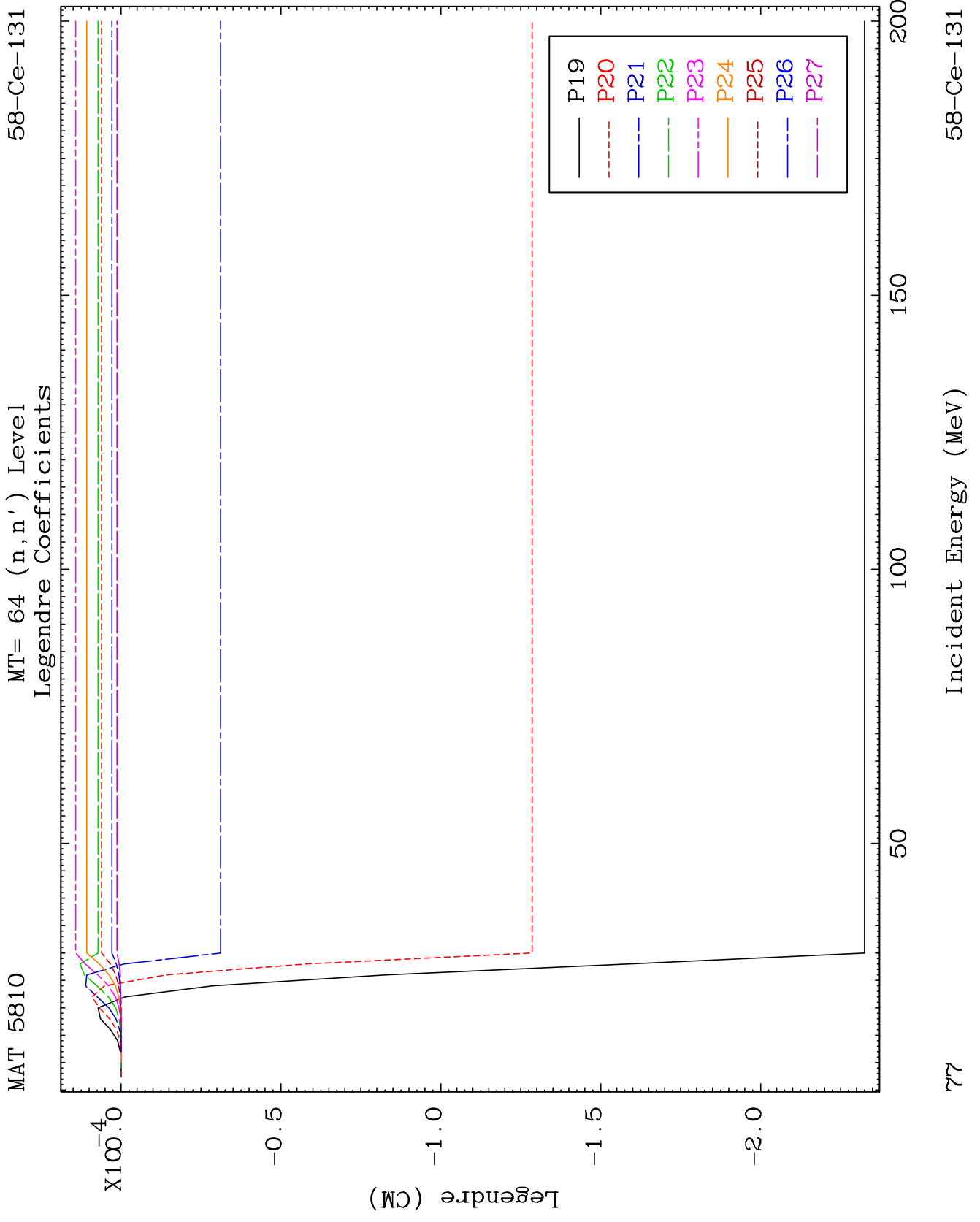
58-Ce-131



75

Incident Energy (MeV)

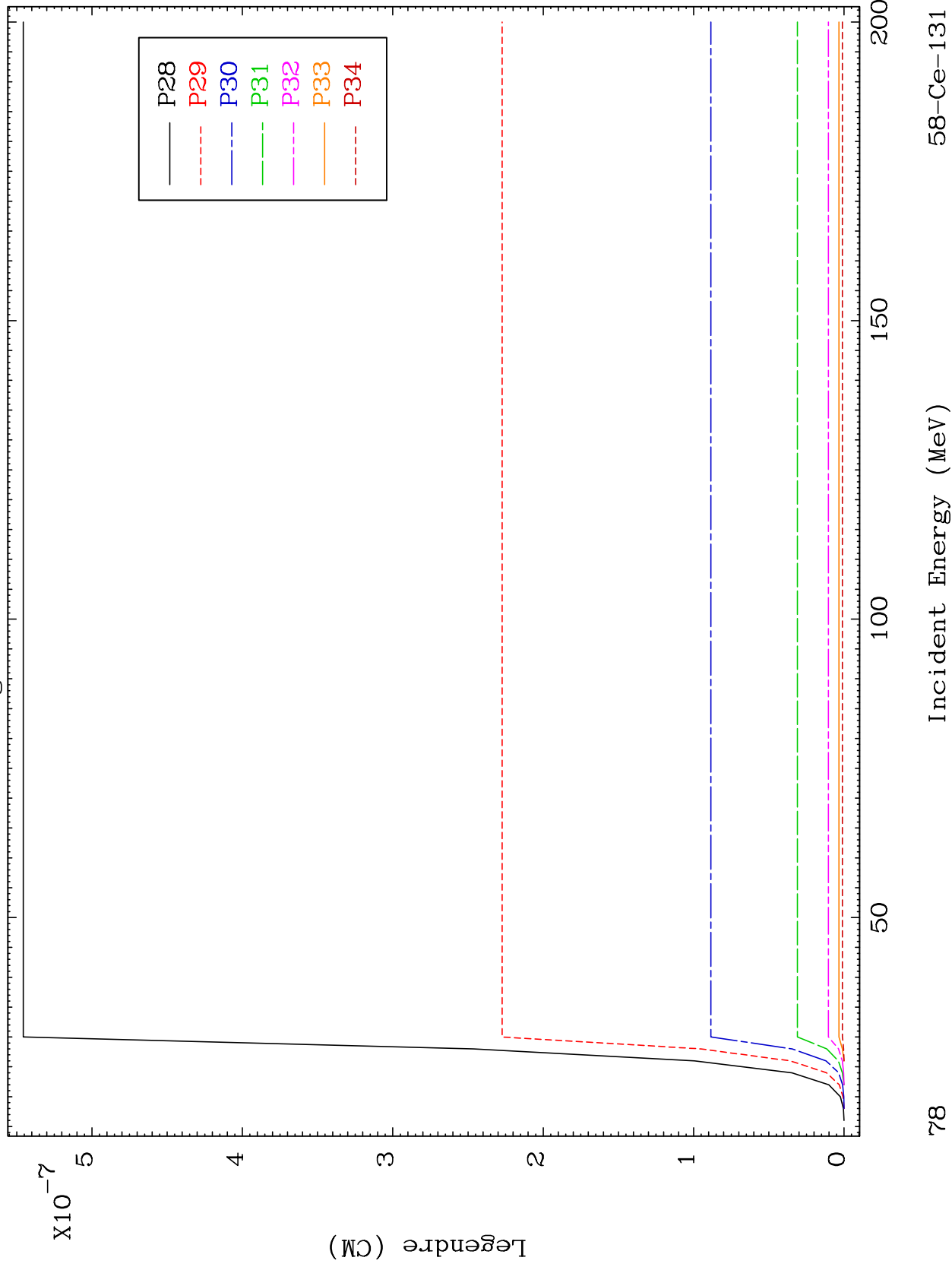
58-Ce-131



MAT 5810

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

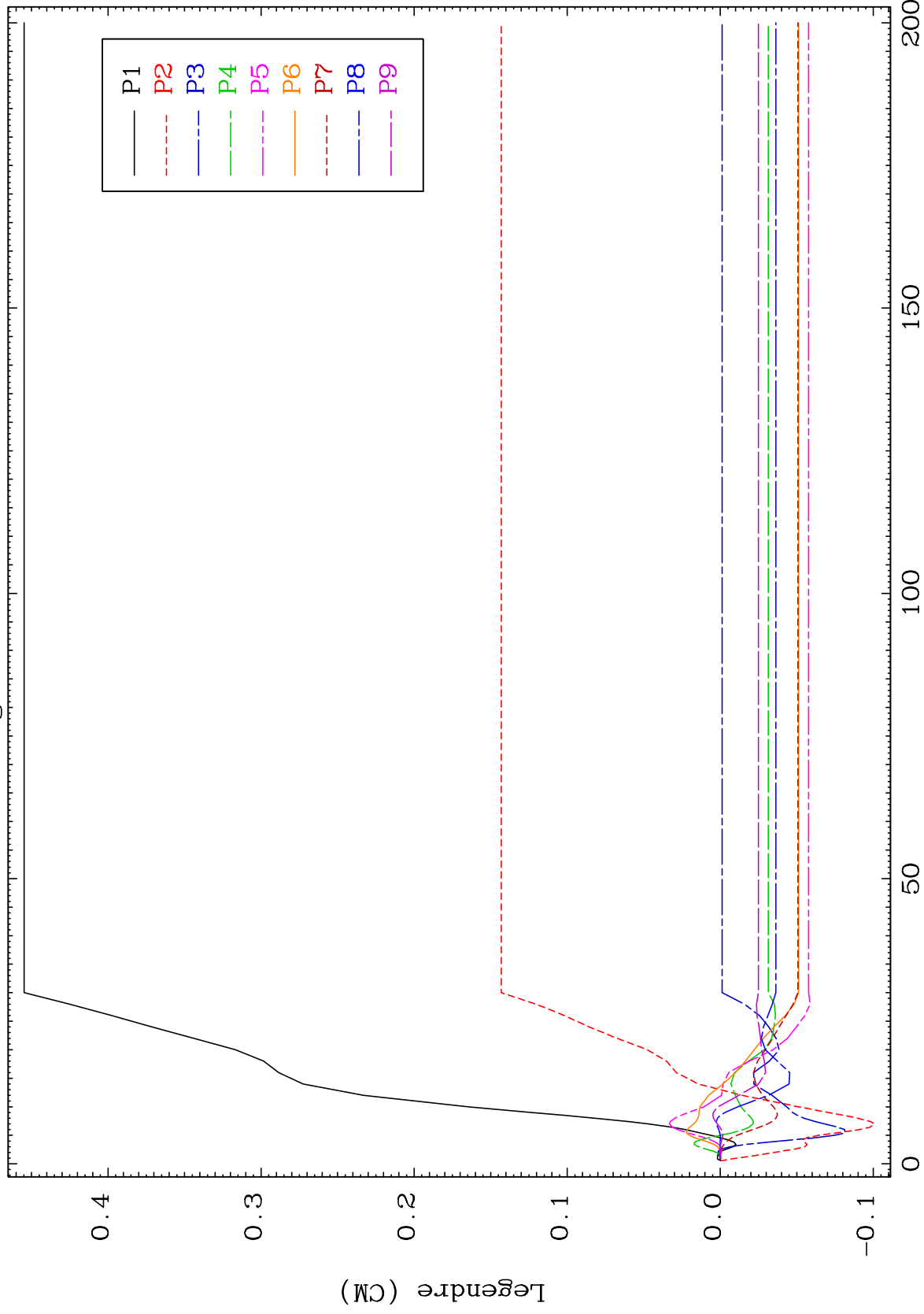
58-Ce-131



MAT 5810

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

58-Ce-131



79

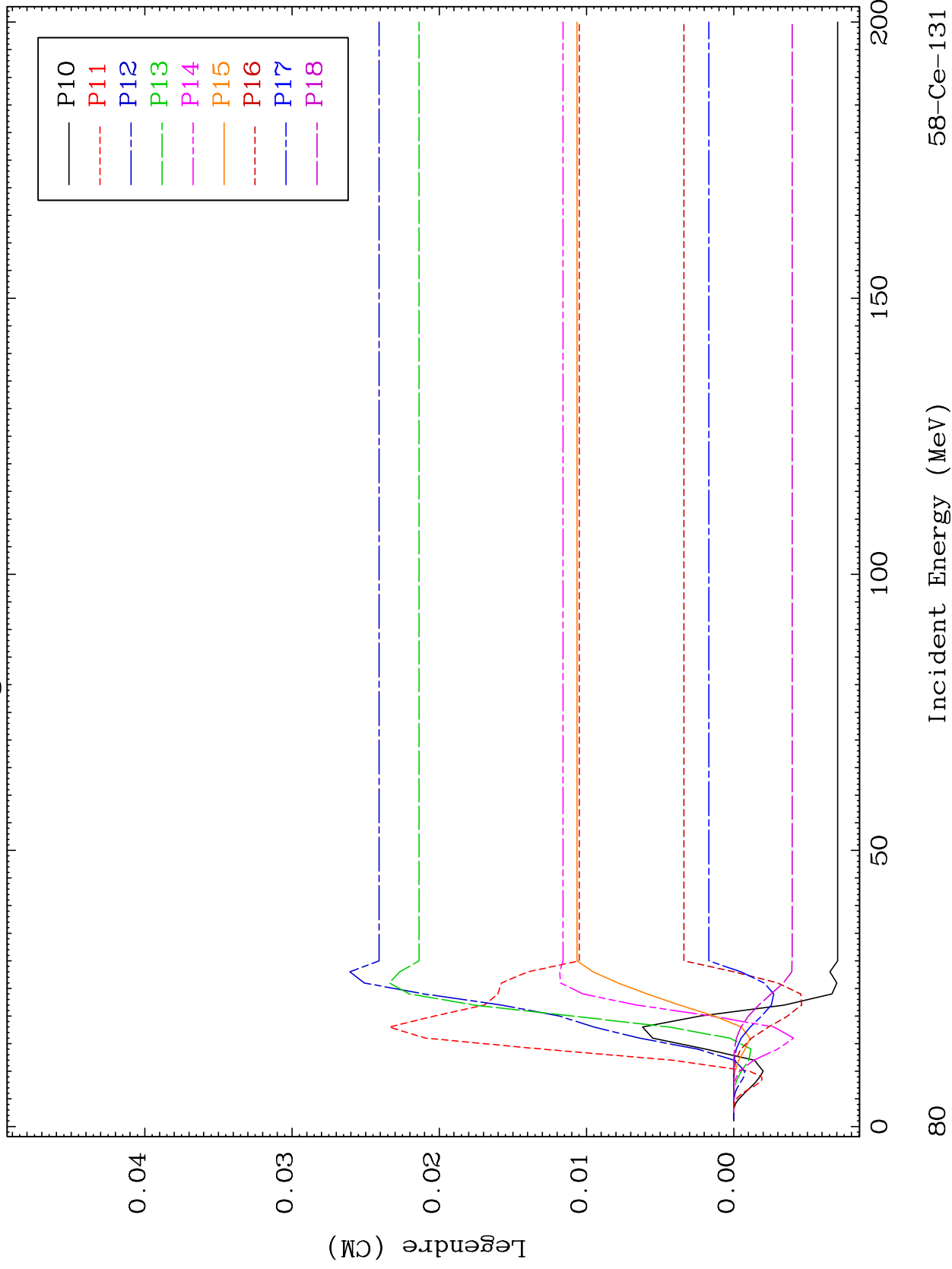
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



58-Ce-131

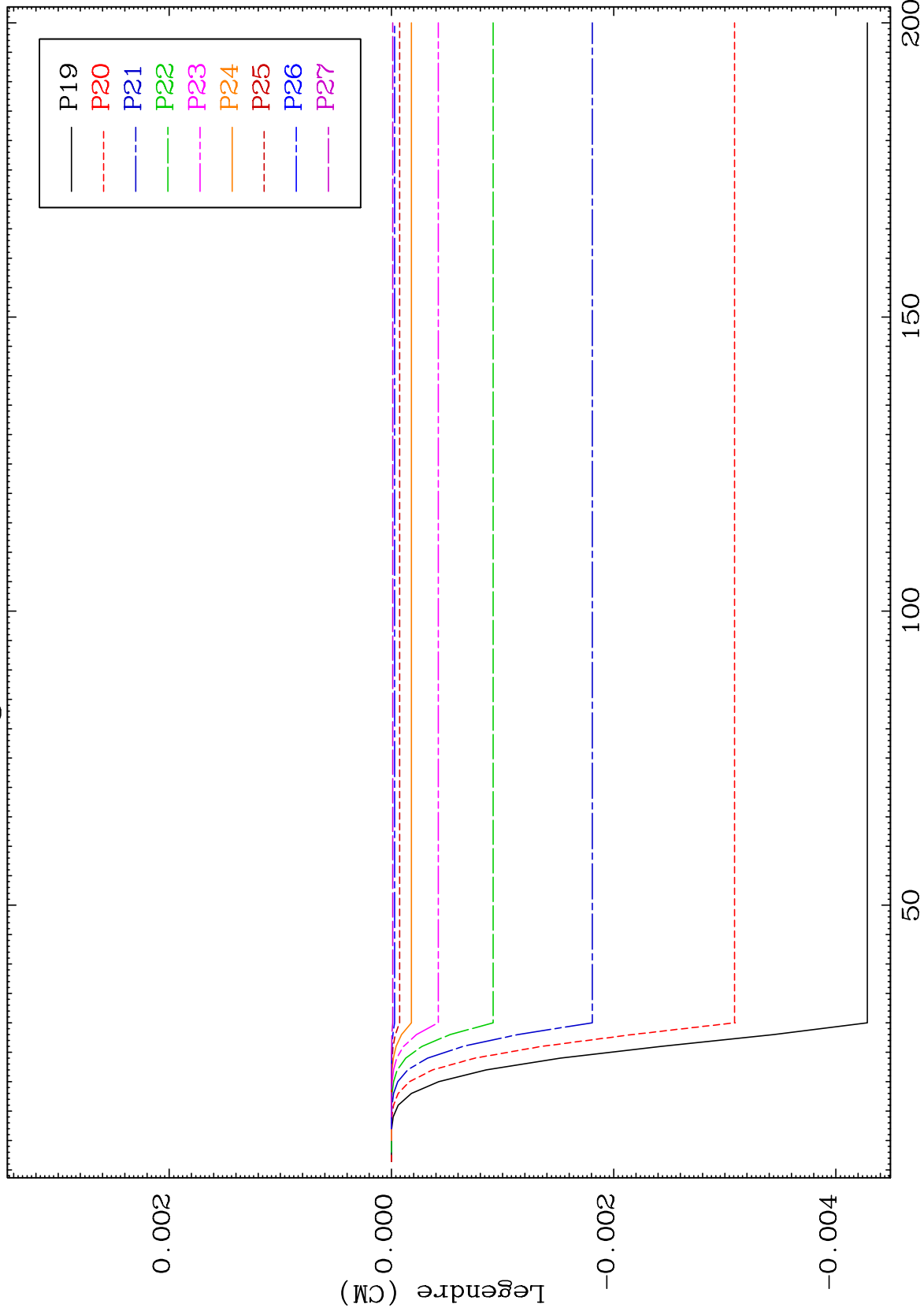
Incident Energy (MeV)

80

MAT 5810

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

58-Ce-131



81

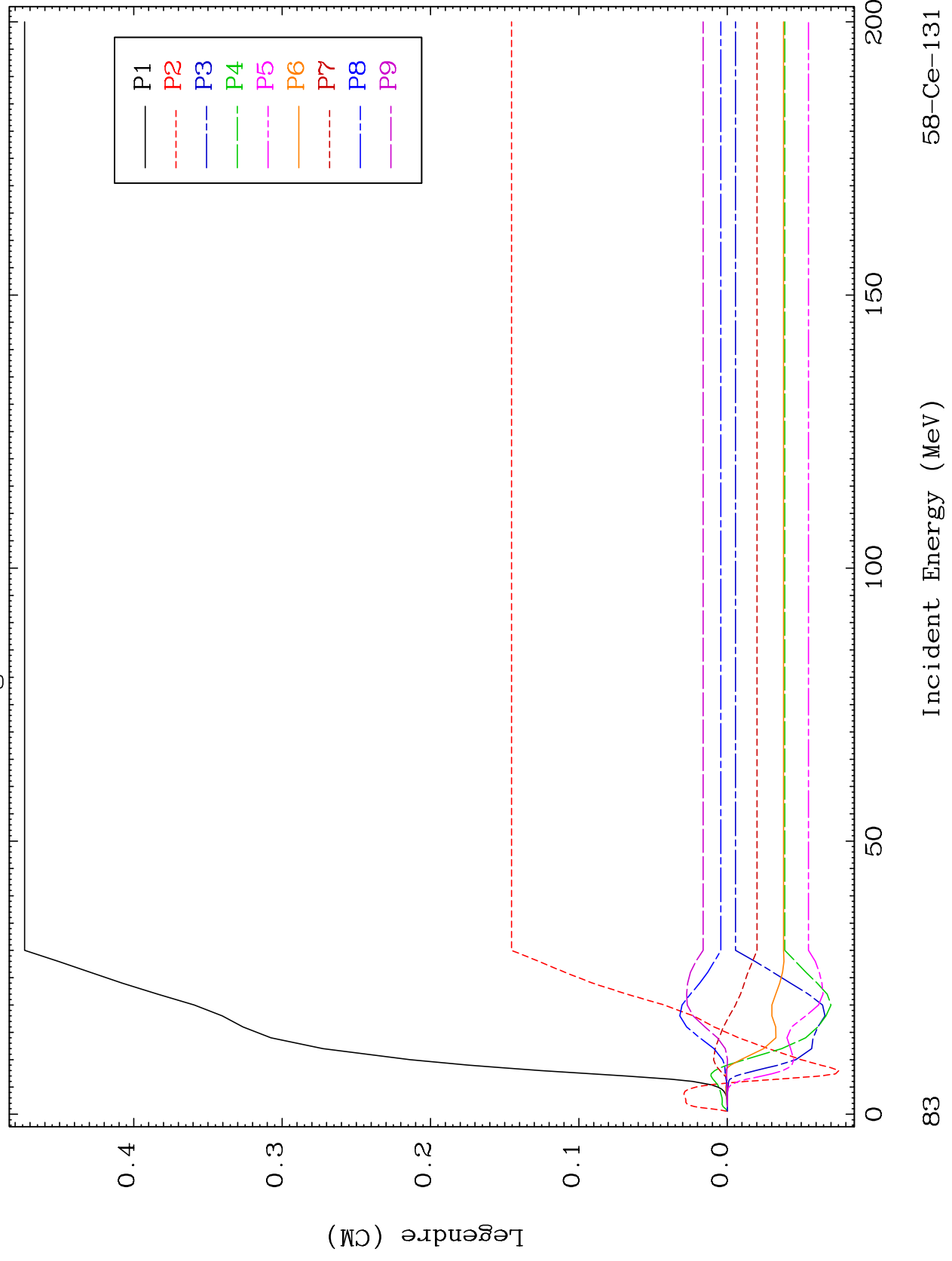
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



58-Ce-131

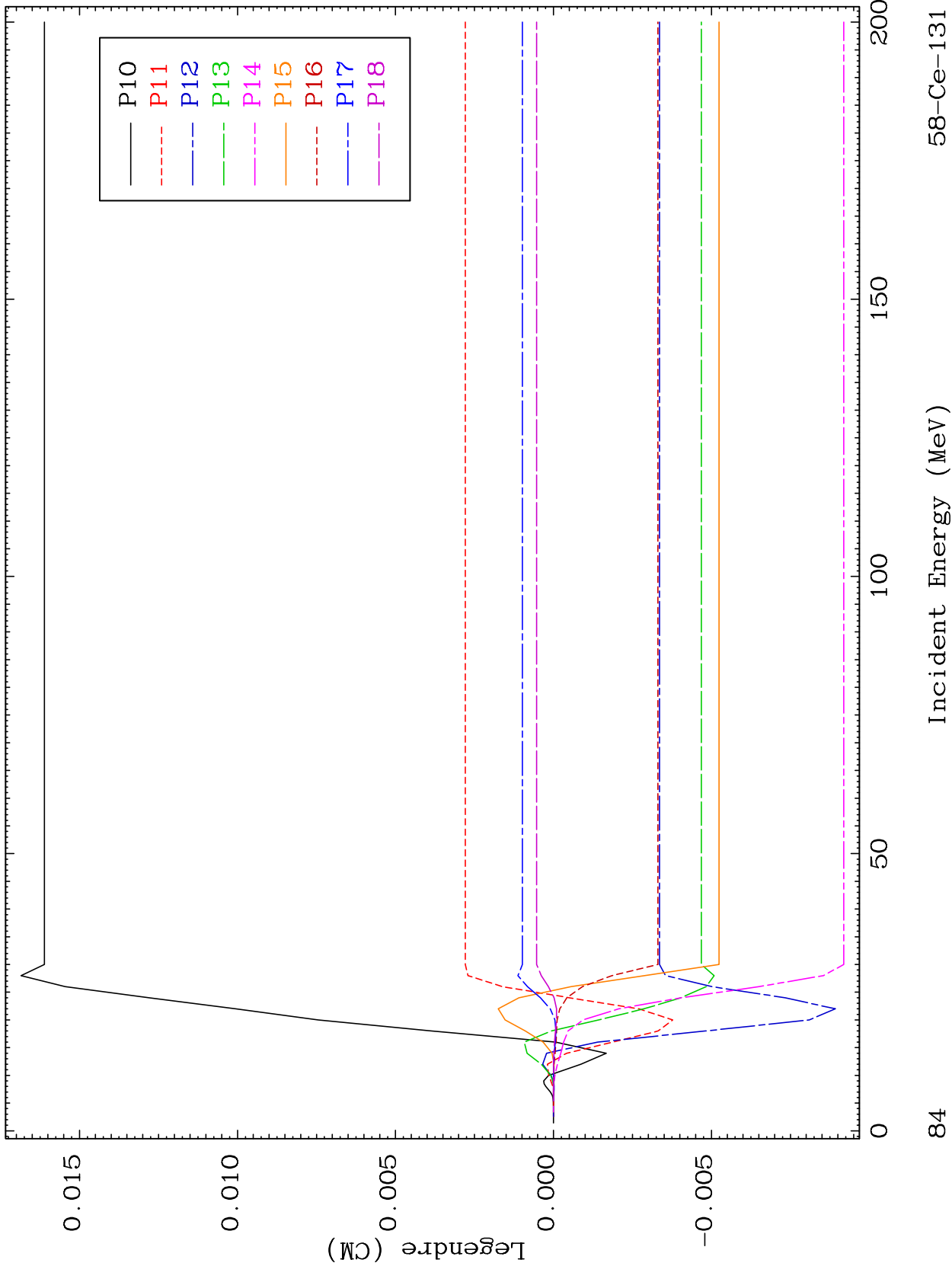
Incident Energy (MeV)

83

MAT 5810

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

58-Ce-131



84

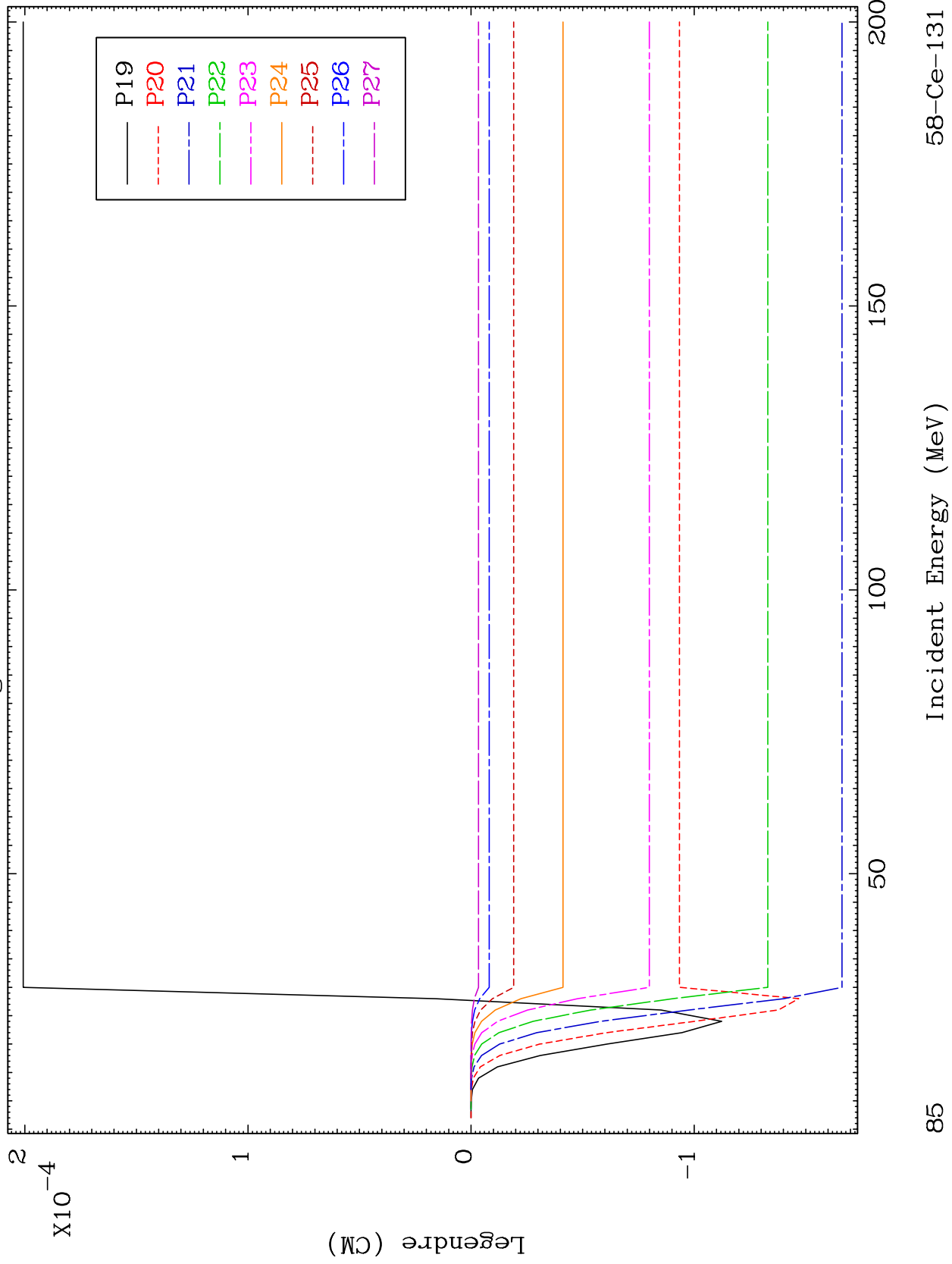
Incident Energy (MeV)

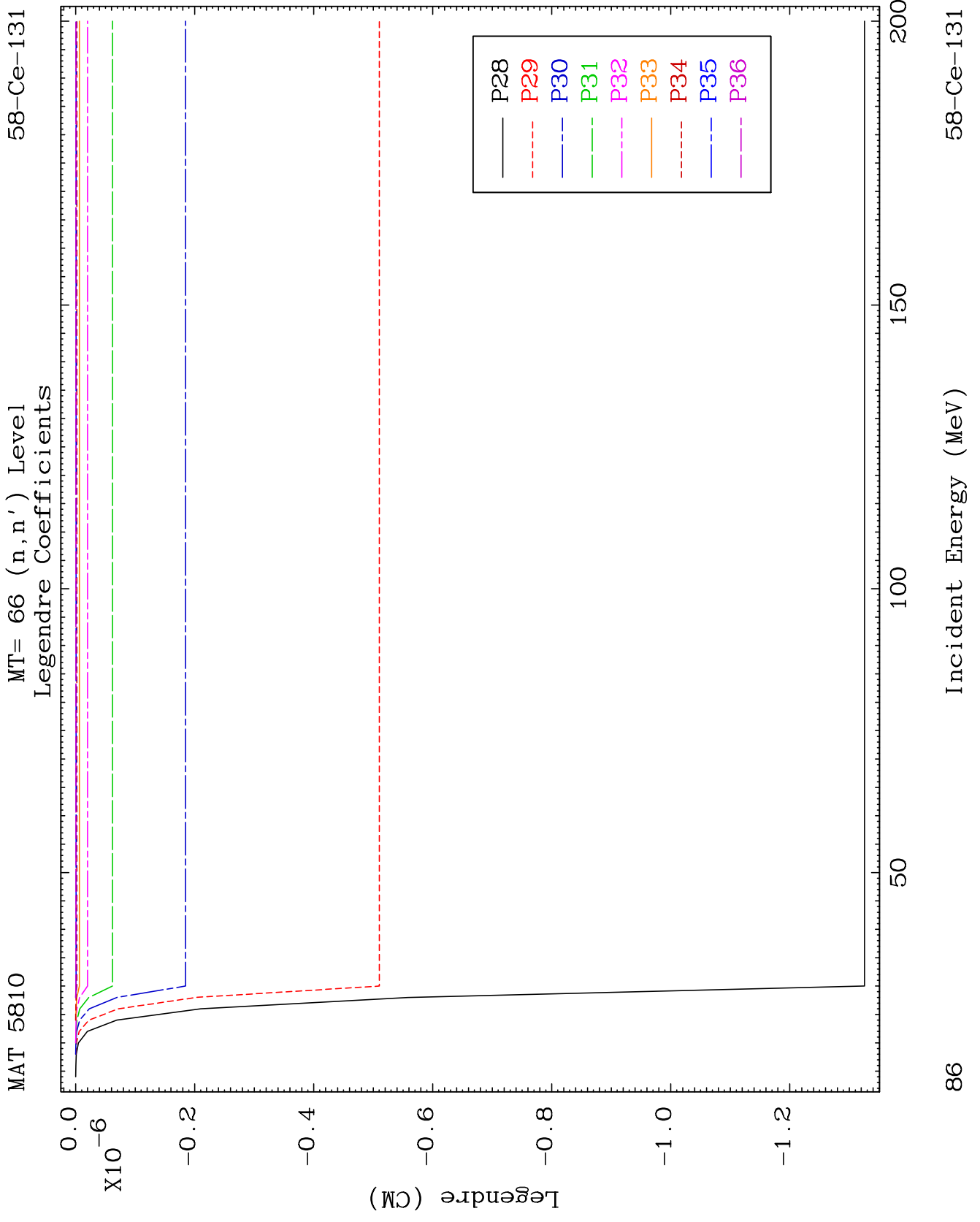
58-Ce-131

MAT 5810

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

58-Ce-131

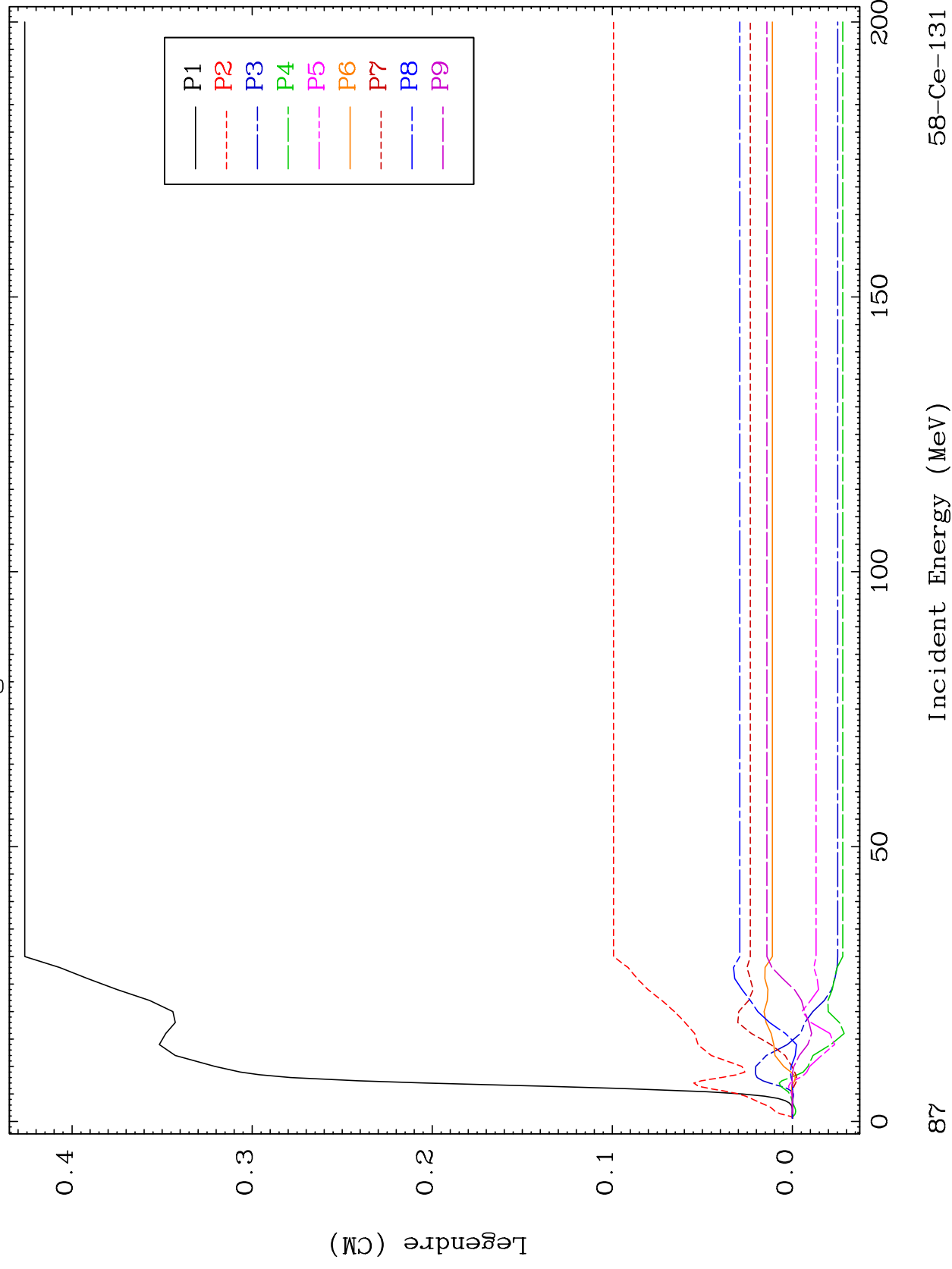




MAT 5810

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

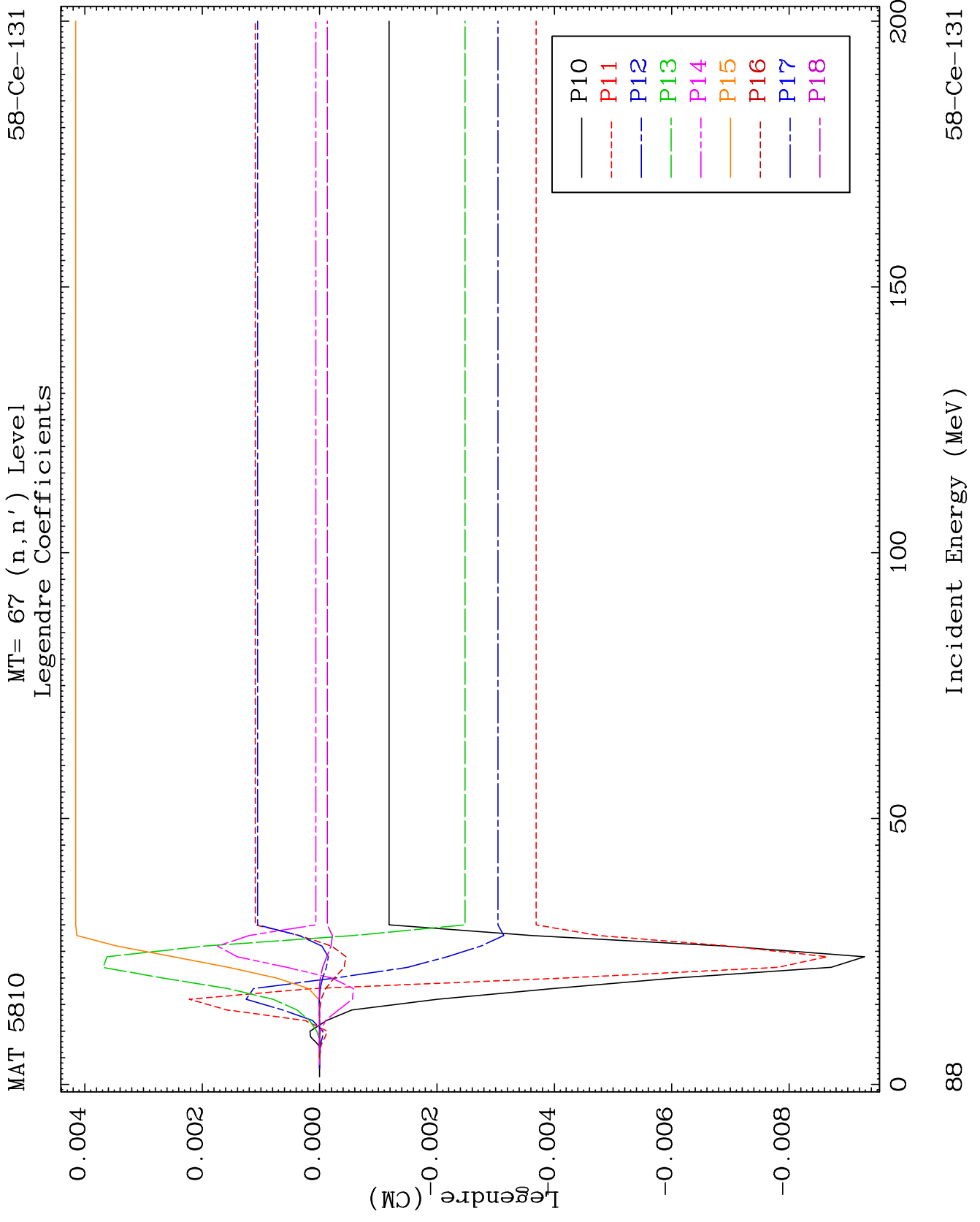
58-Ce-131

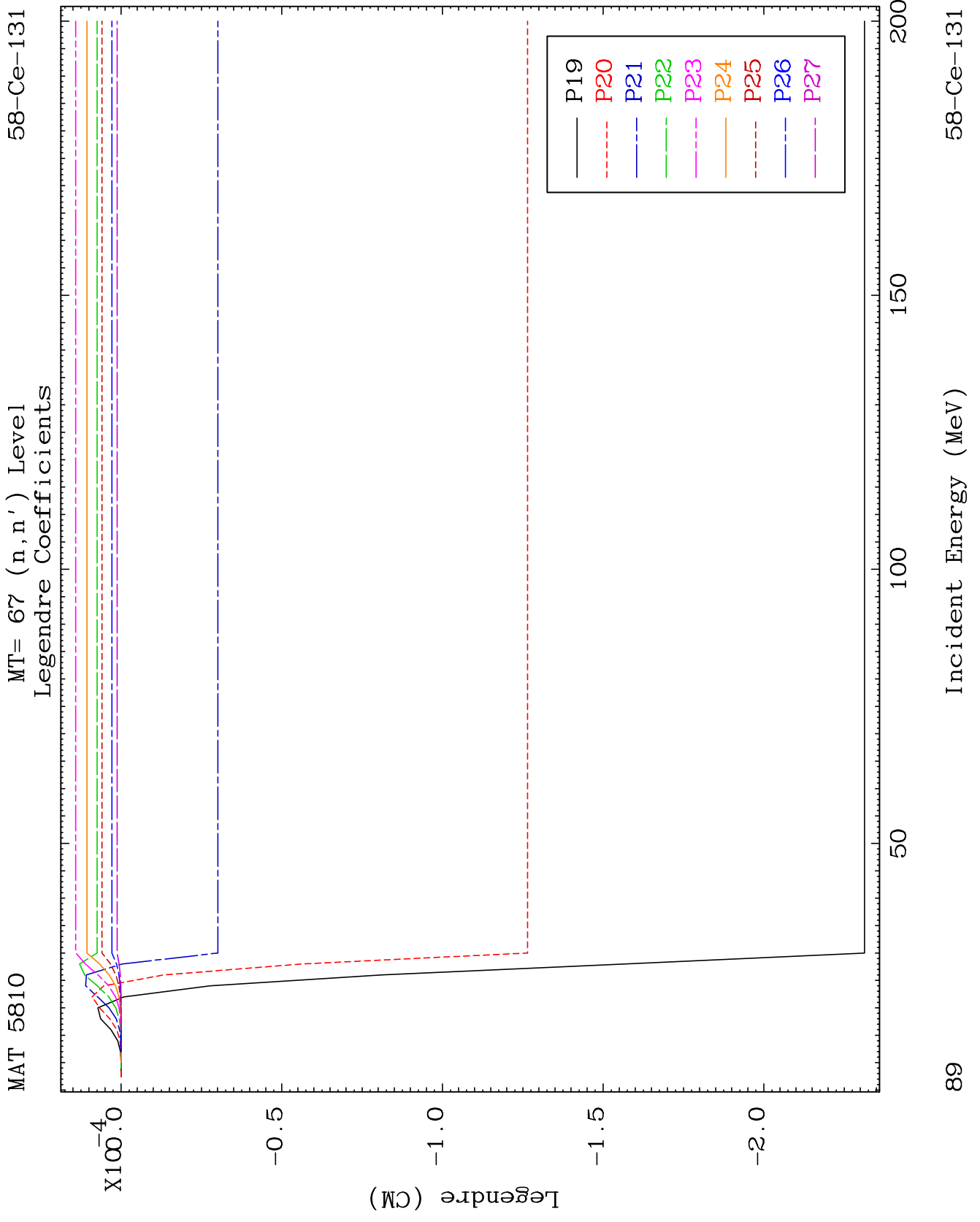


87

Incident Energy (MeV)

58-Ce-131

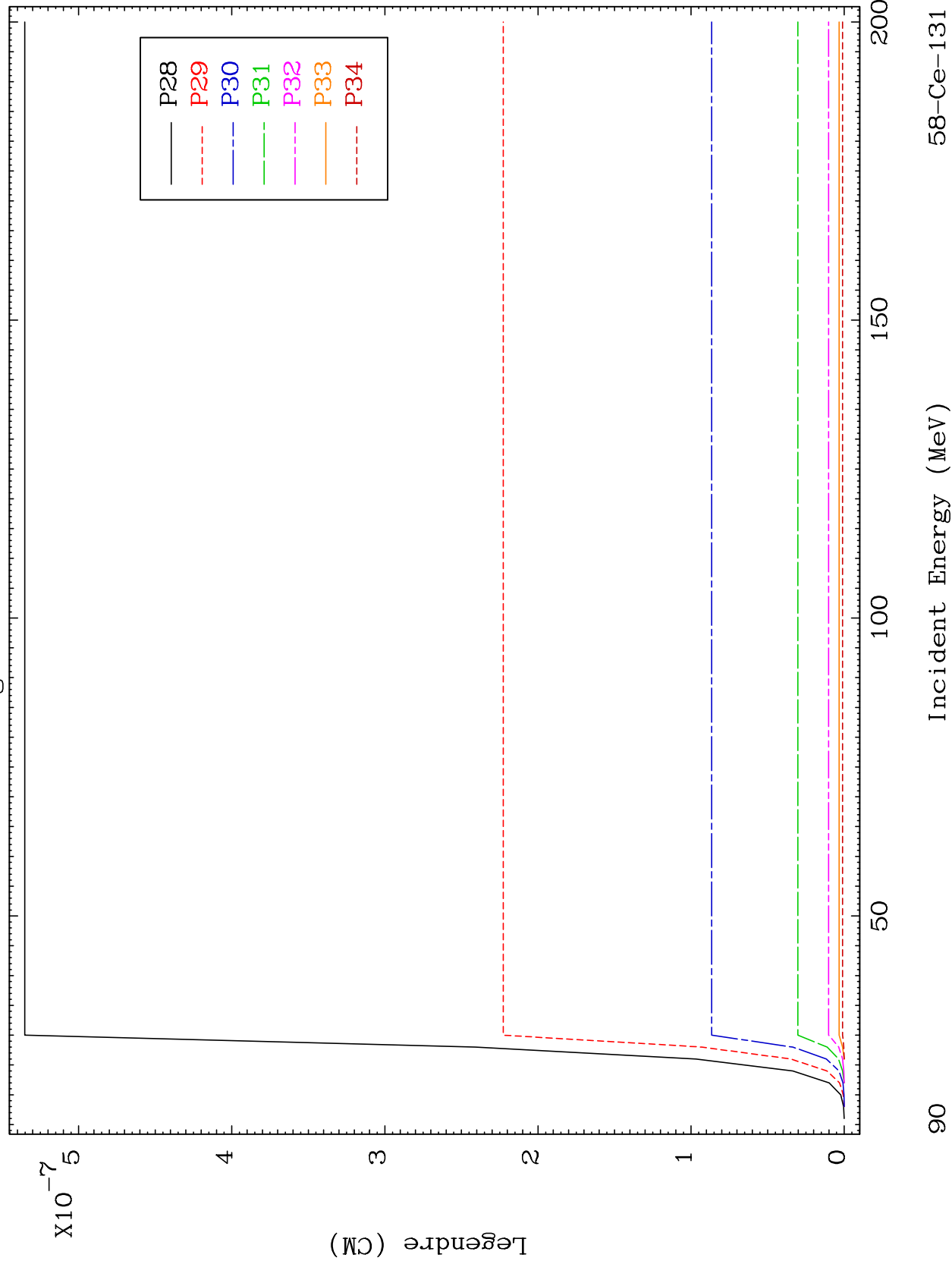




MAT 5810

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

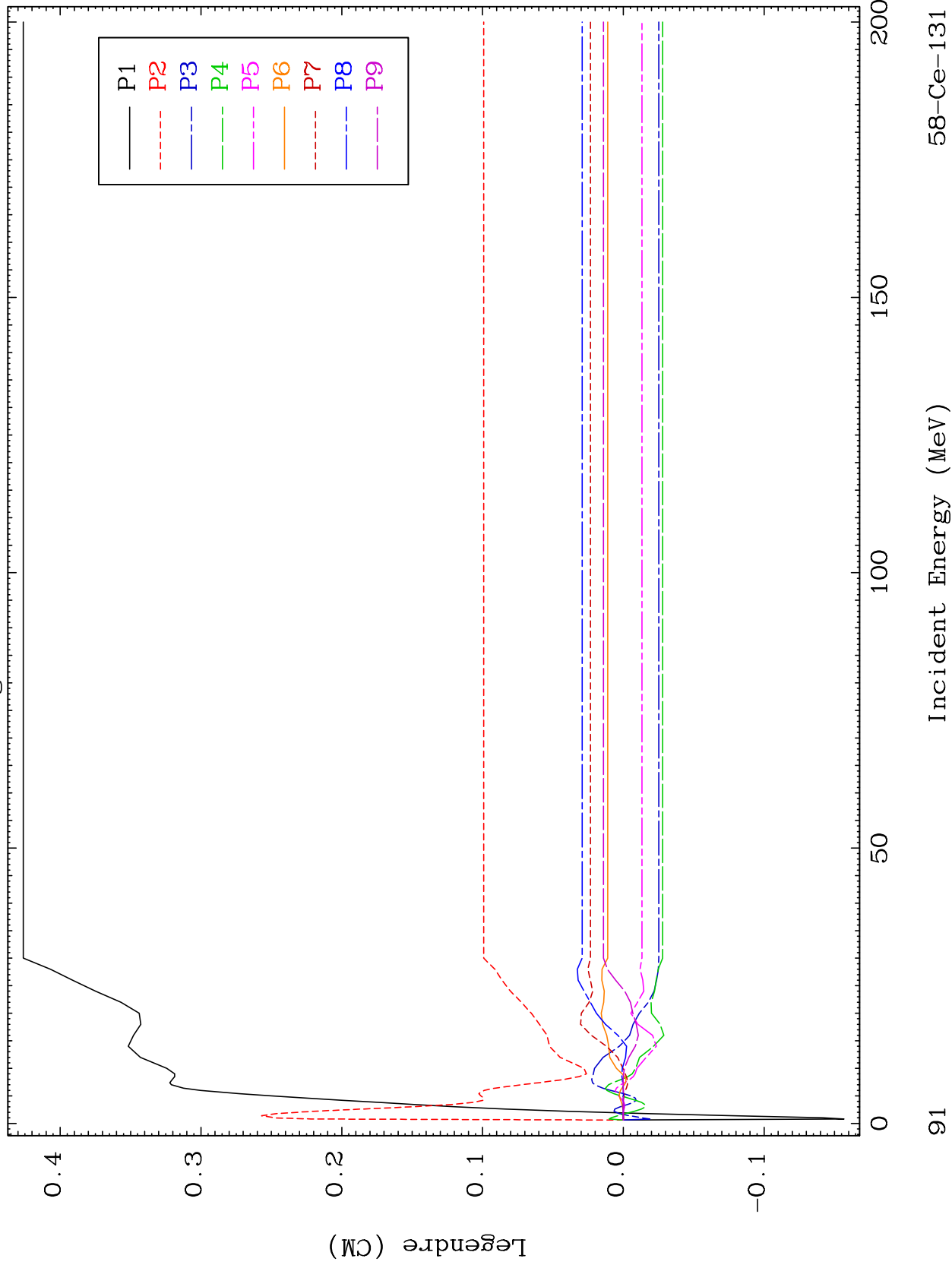
58-Ce-131



MAT 5810

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

58-Ce-131



58-Ce-131

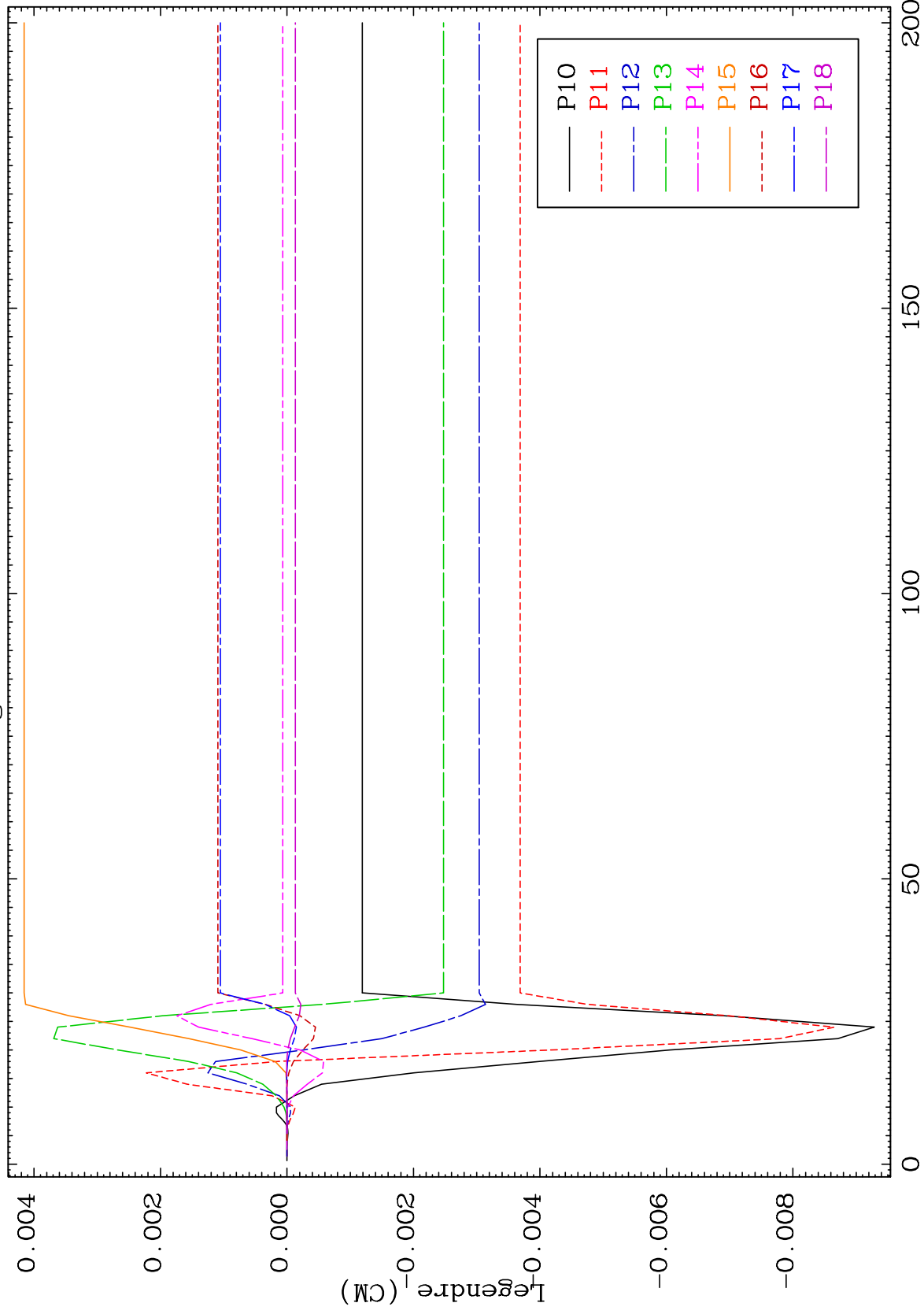
Incident Energy (MeV)

91

MAT 5810

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

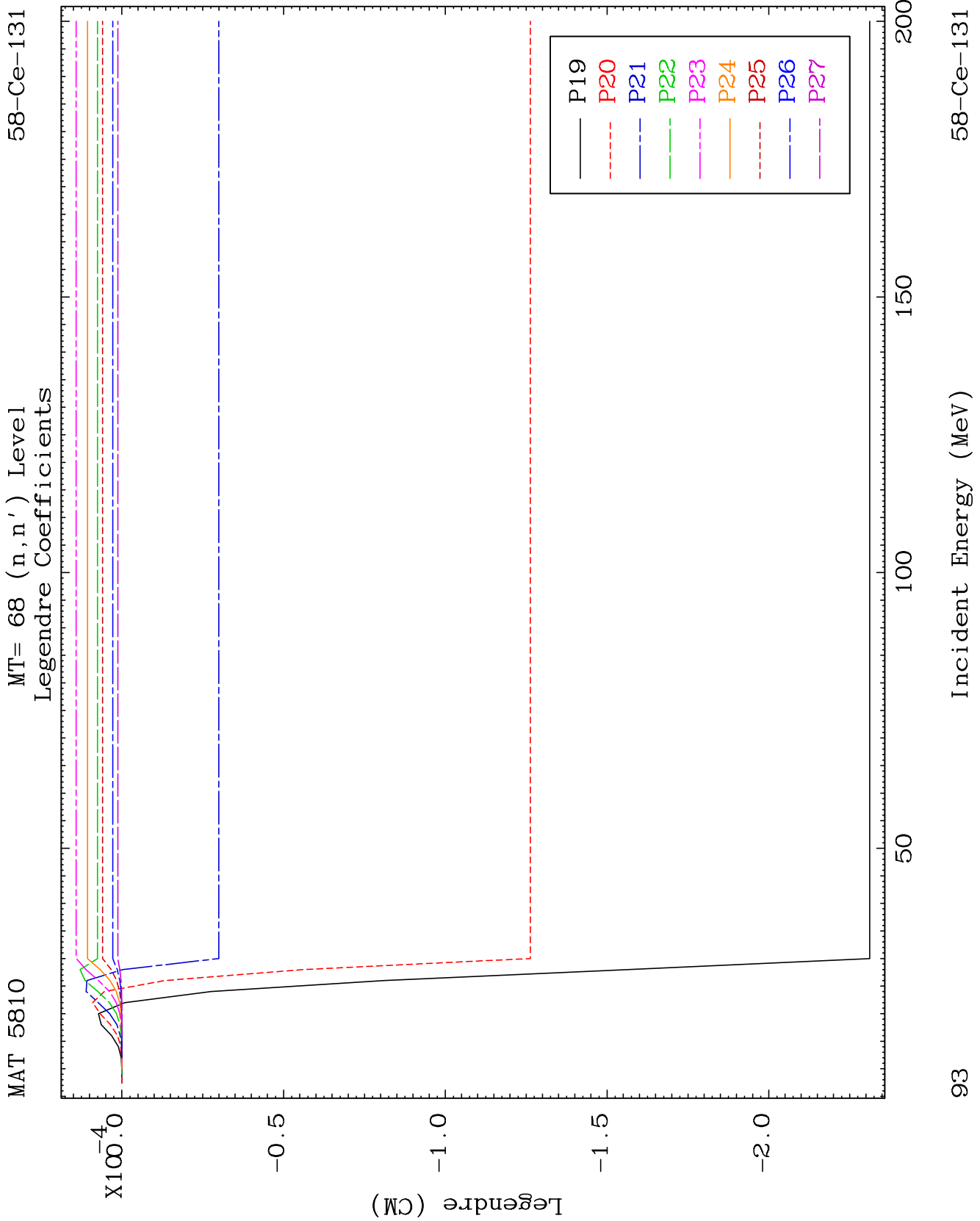
58-Ce-131



92

Incident Energy (MeV)

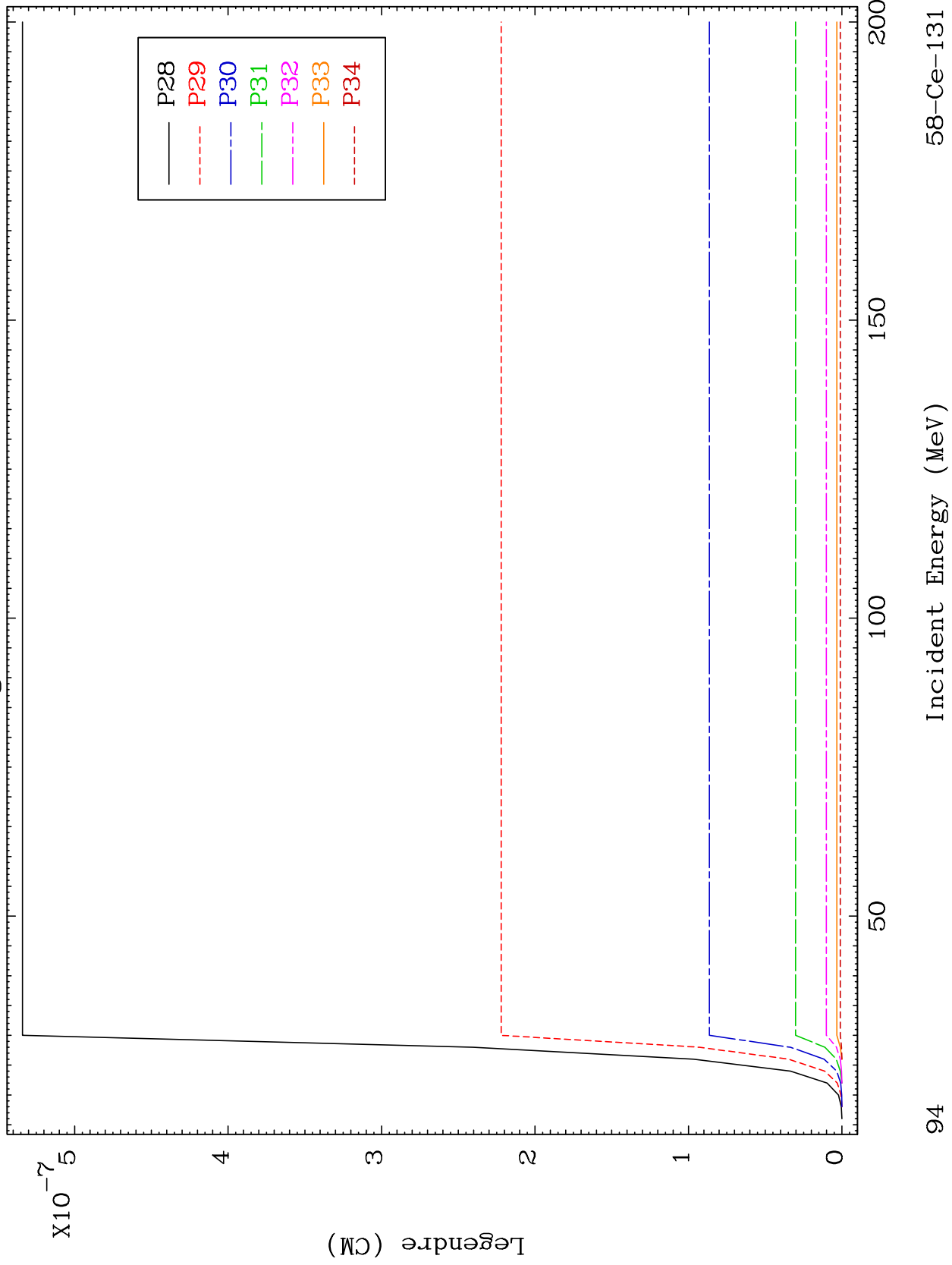
58-Ce-131



MAT 5810

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

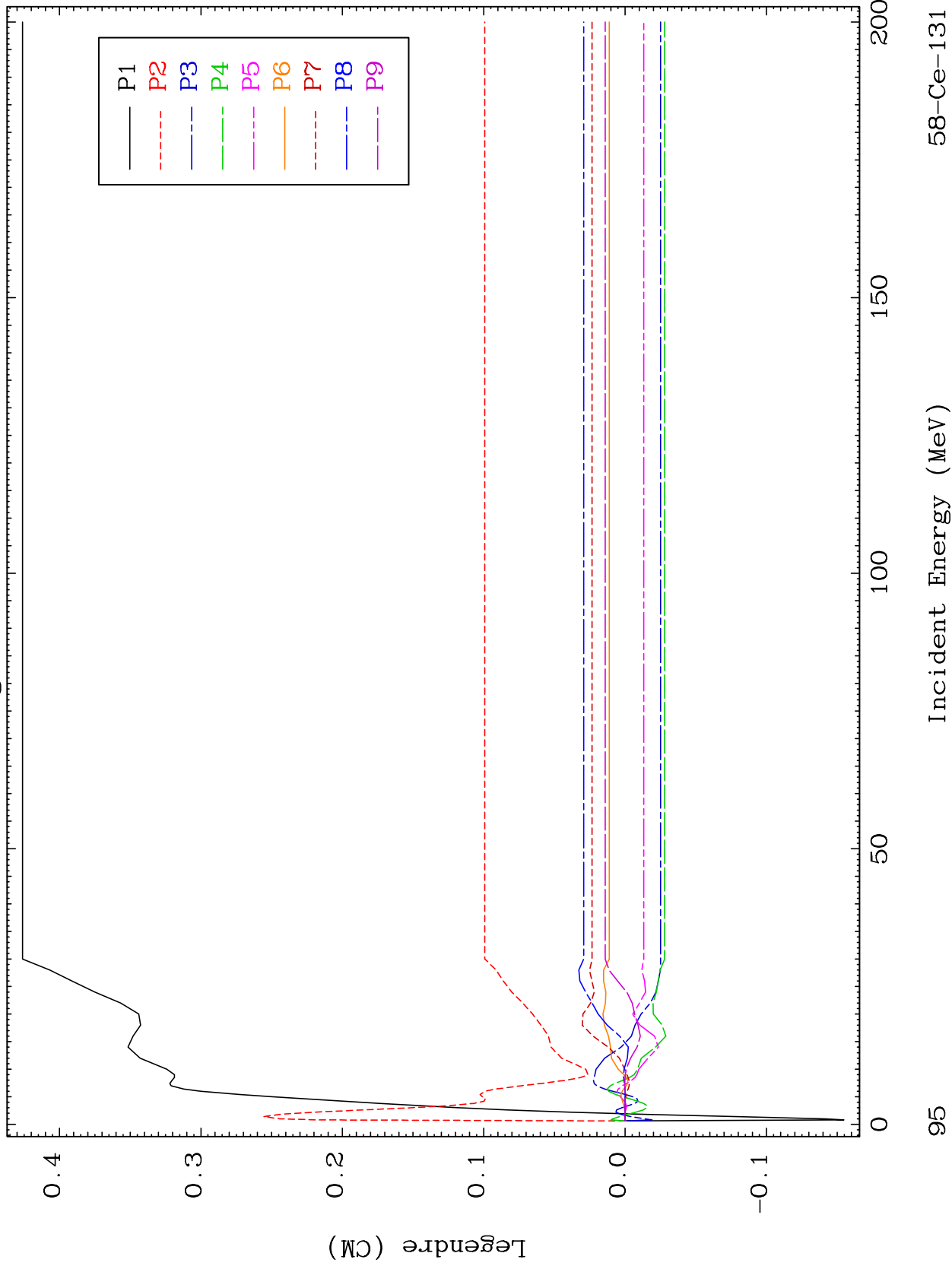
58-Ce-131



MAT 5810

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

58-Ce-131



58-Ce-131

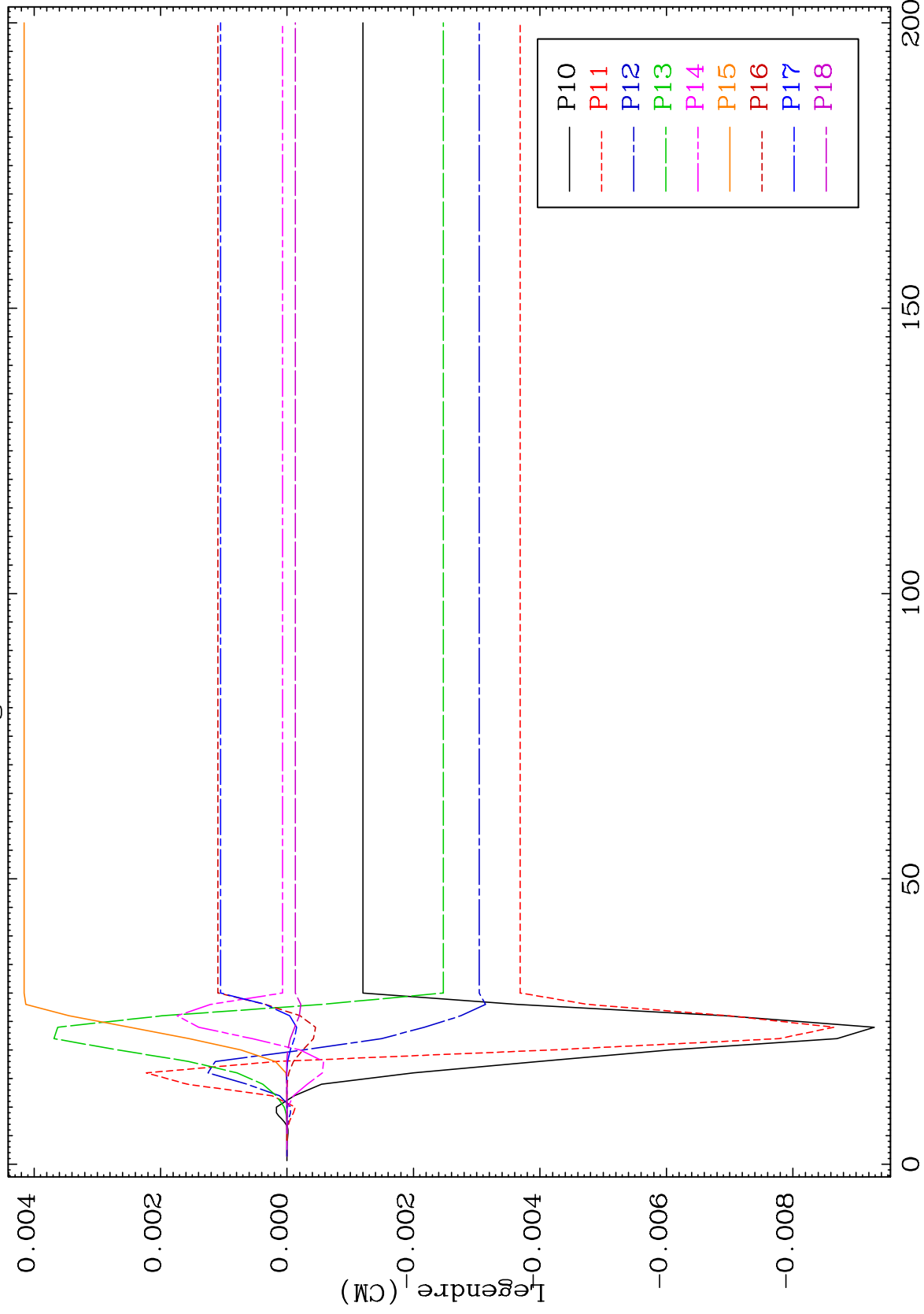
Incident Energy (MeV)

95

MAT 5810

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

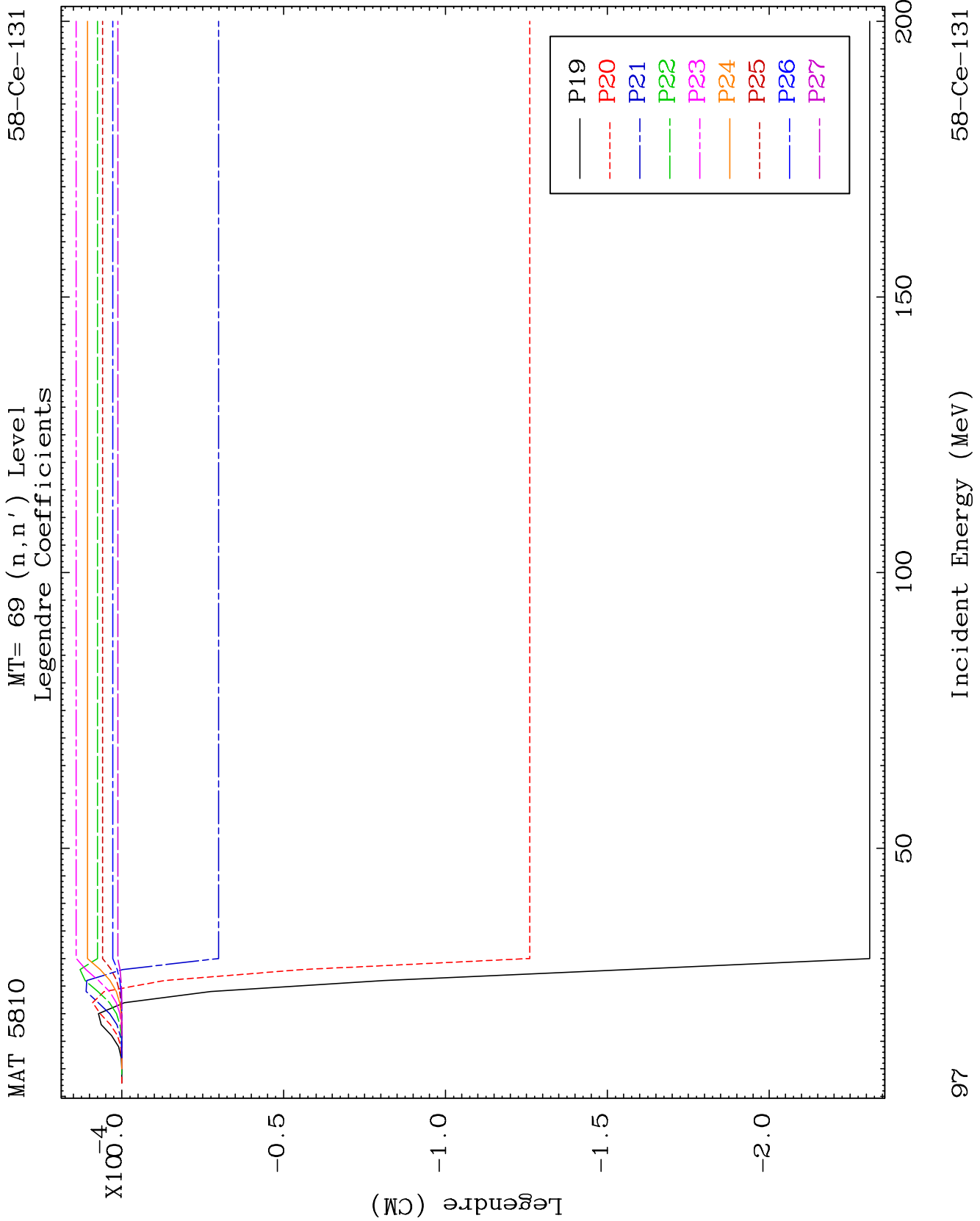
58-Ce-131



96

Incident Energy (MeV)

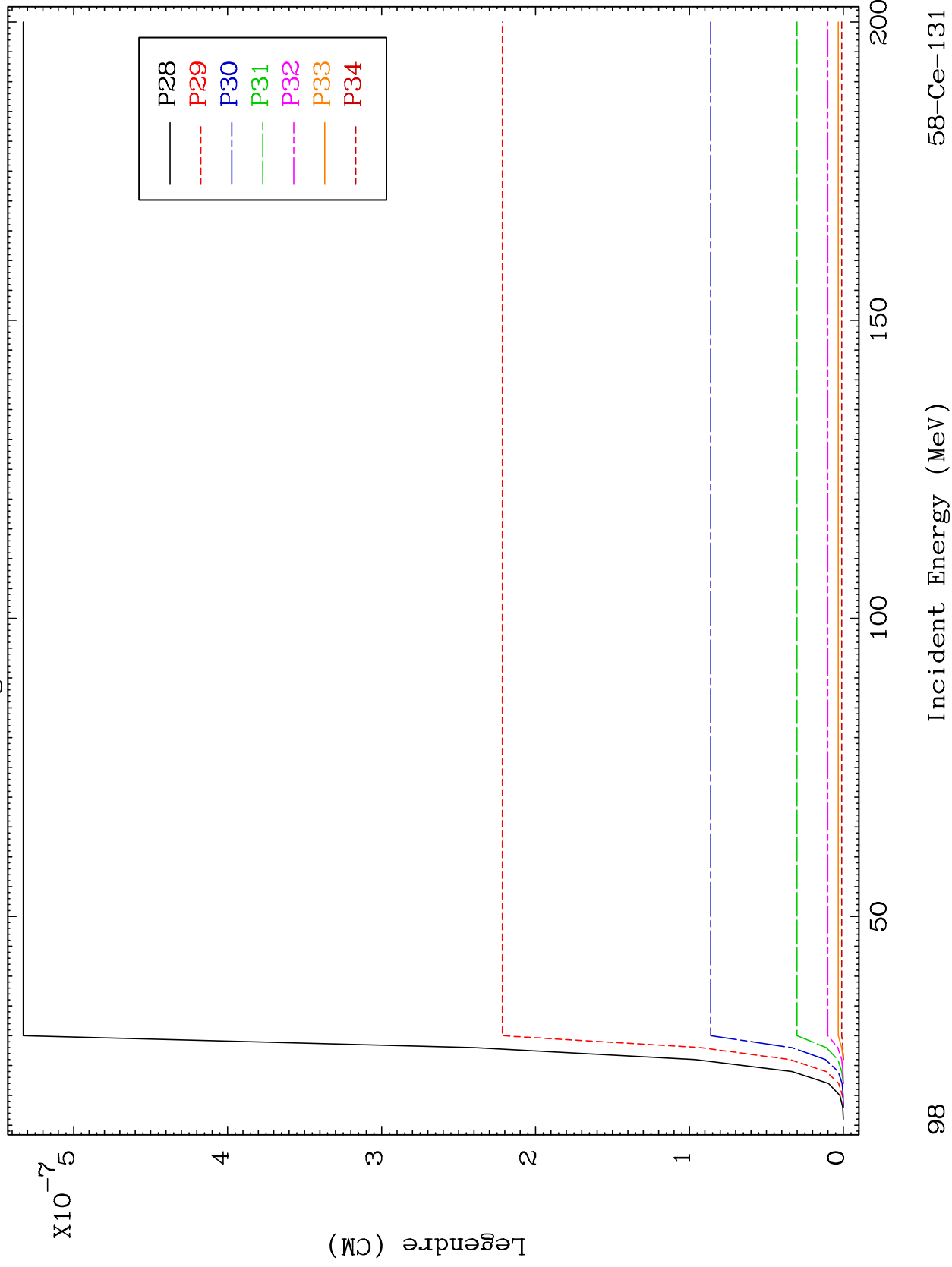
58-Ce-131

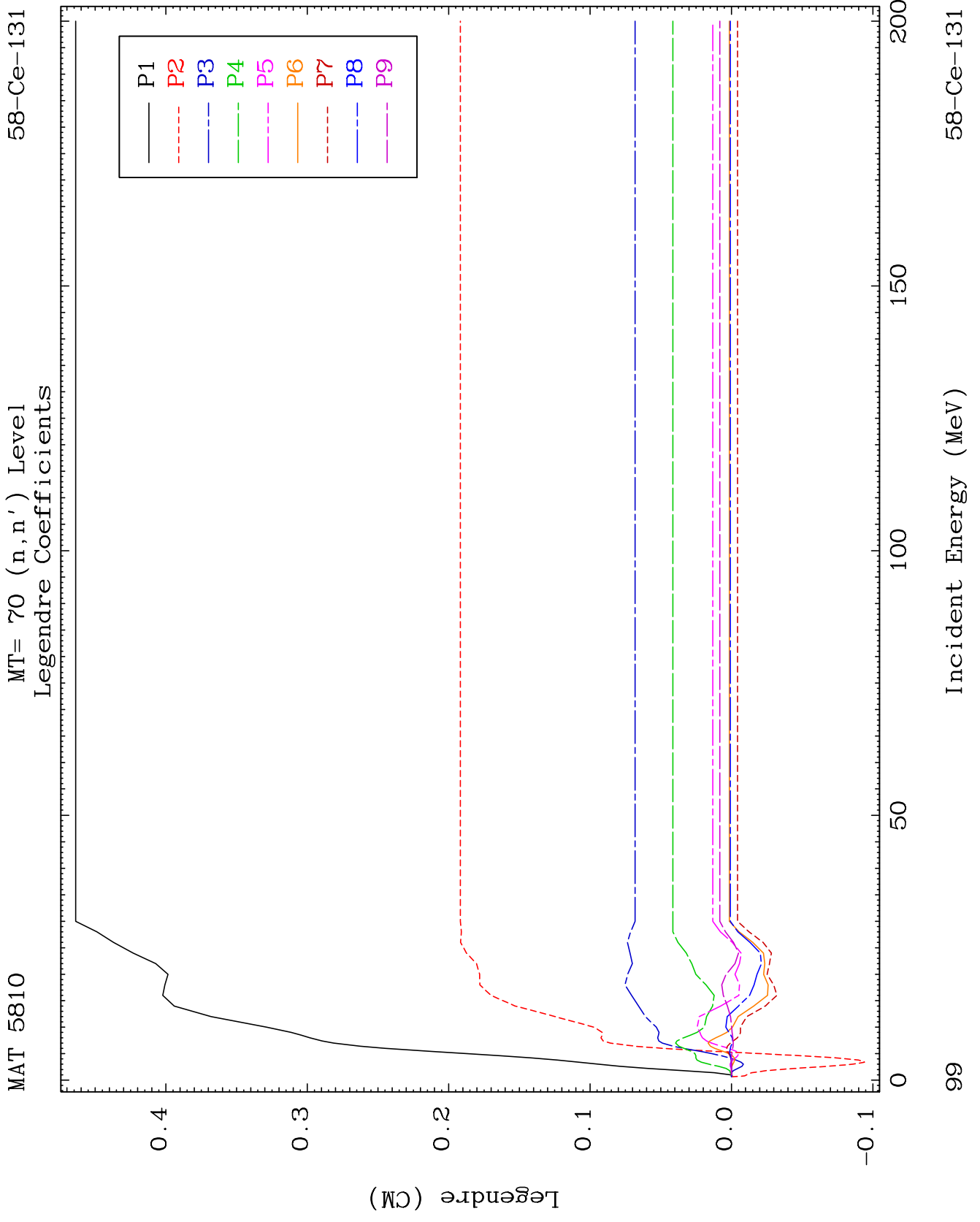


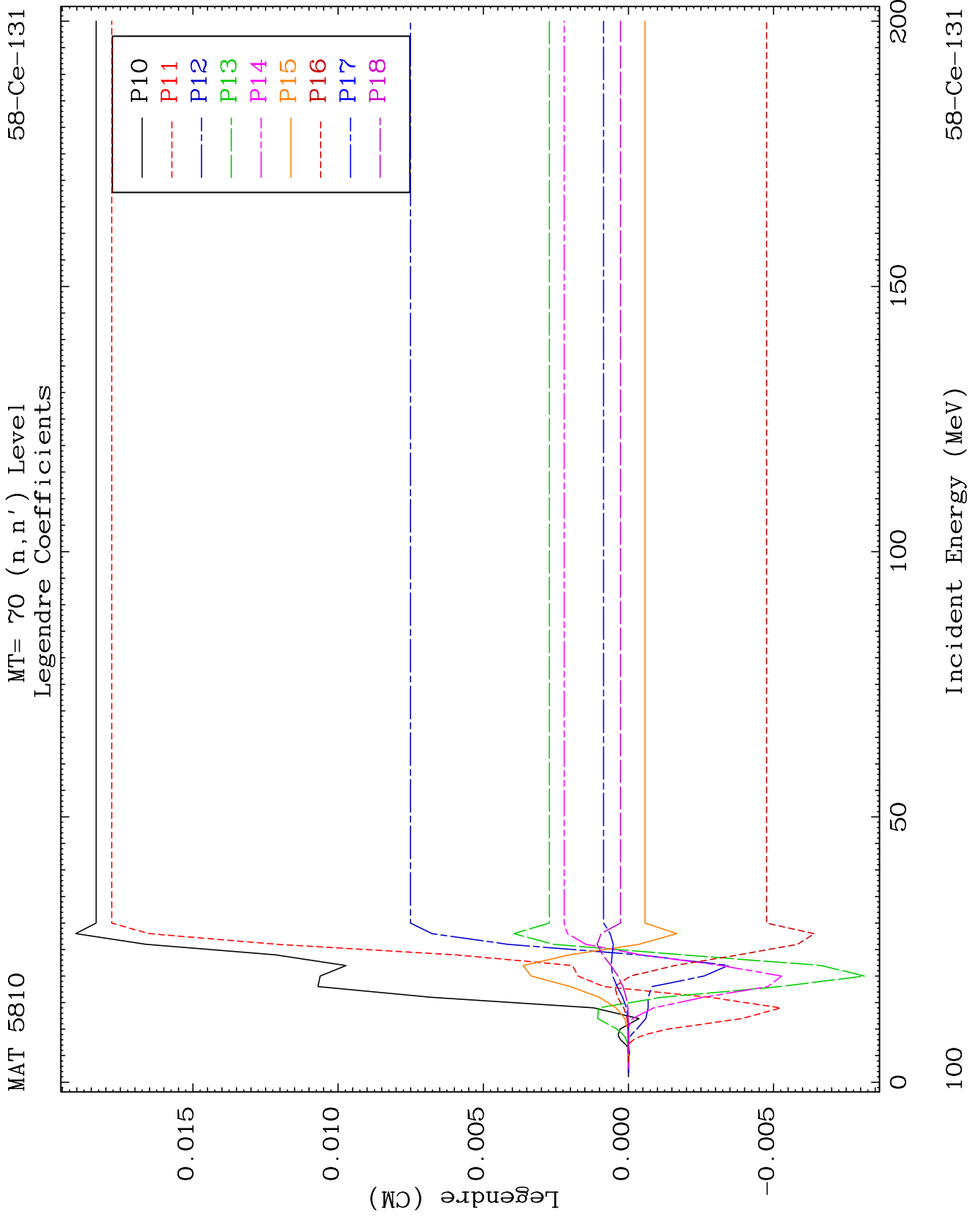
MAT 5810

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

58-Ce-131



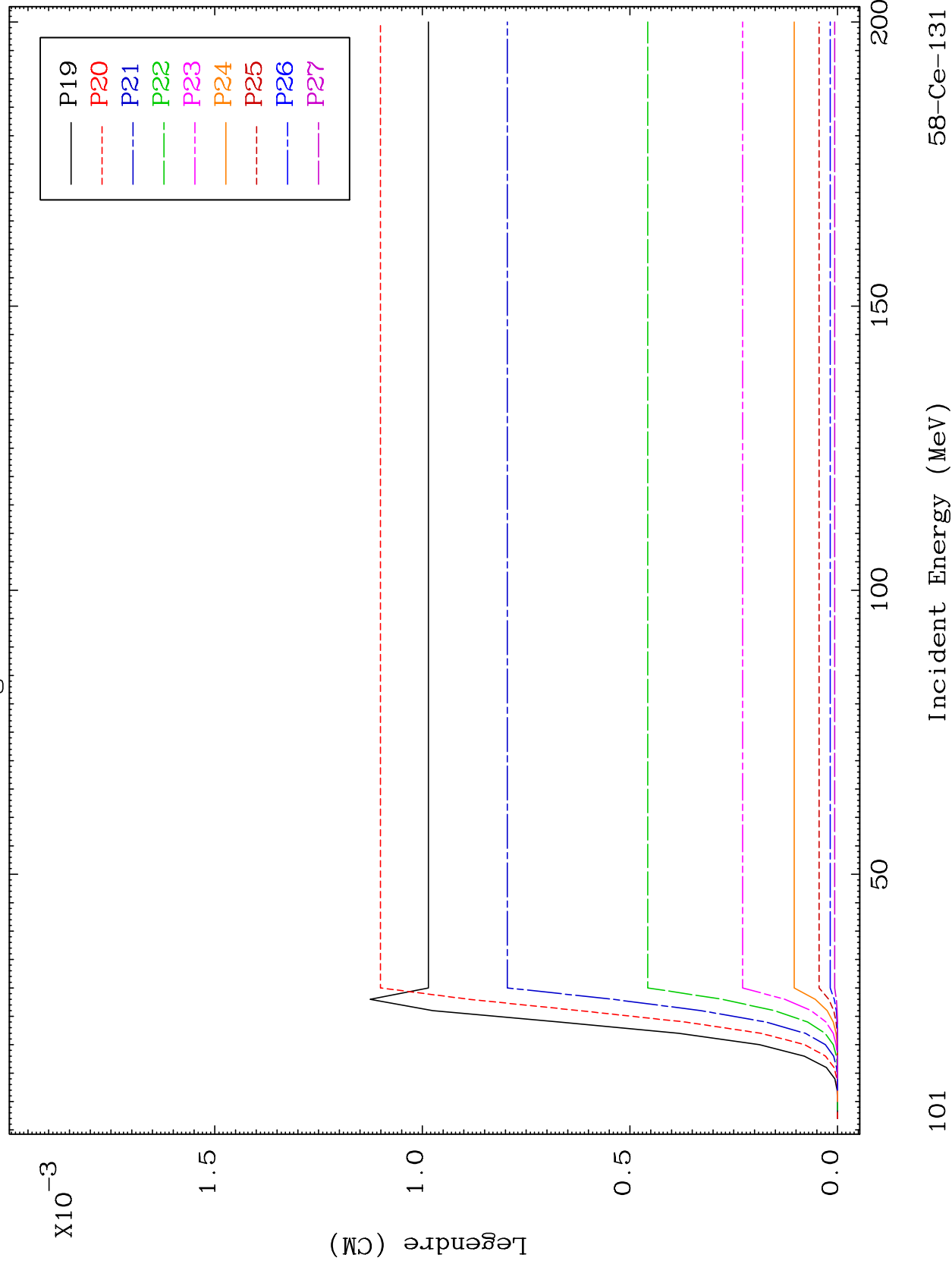




MAT 5810

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

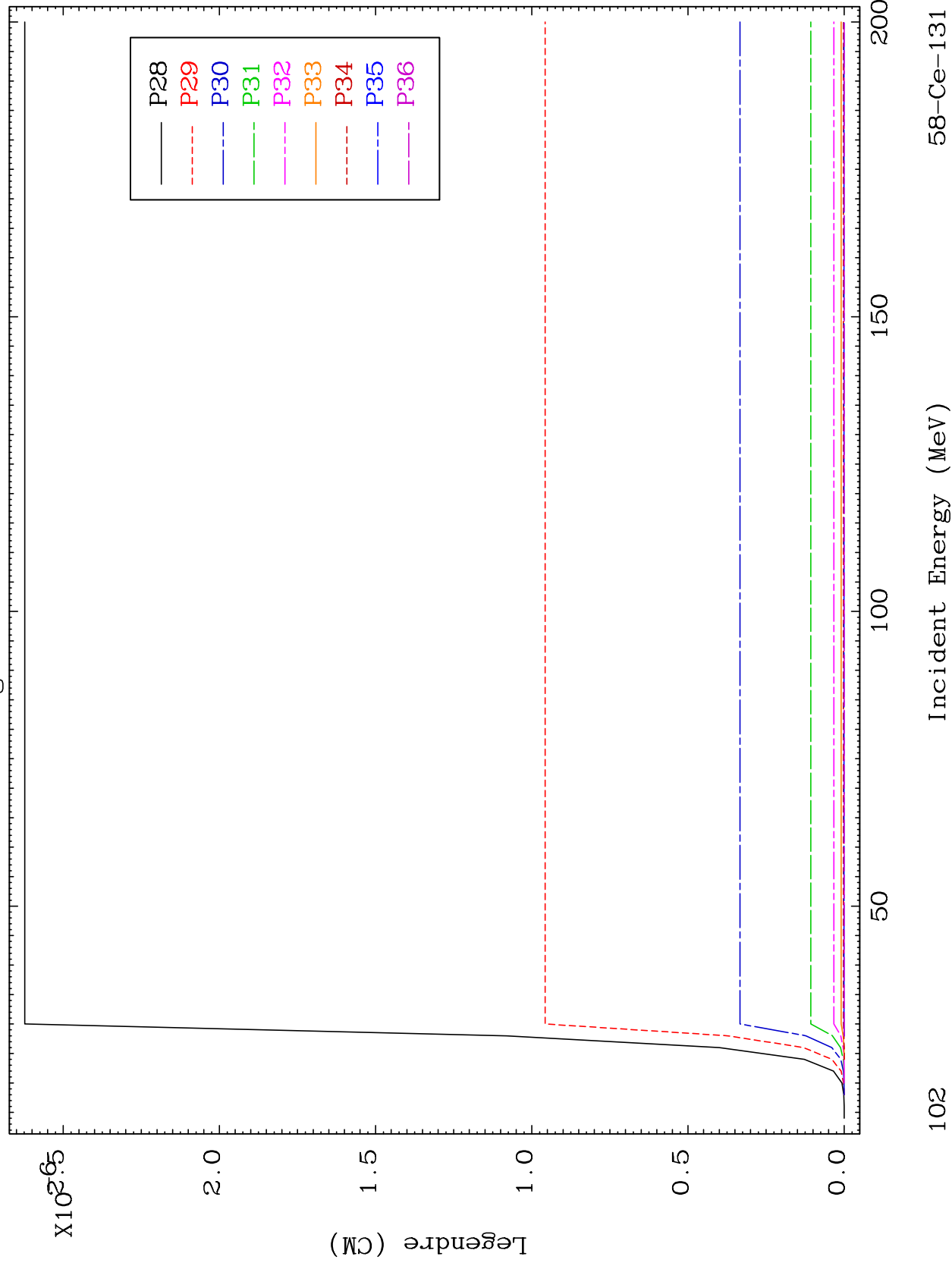
58-Ce-131



MAT 5810

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

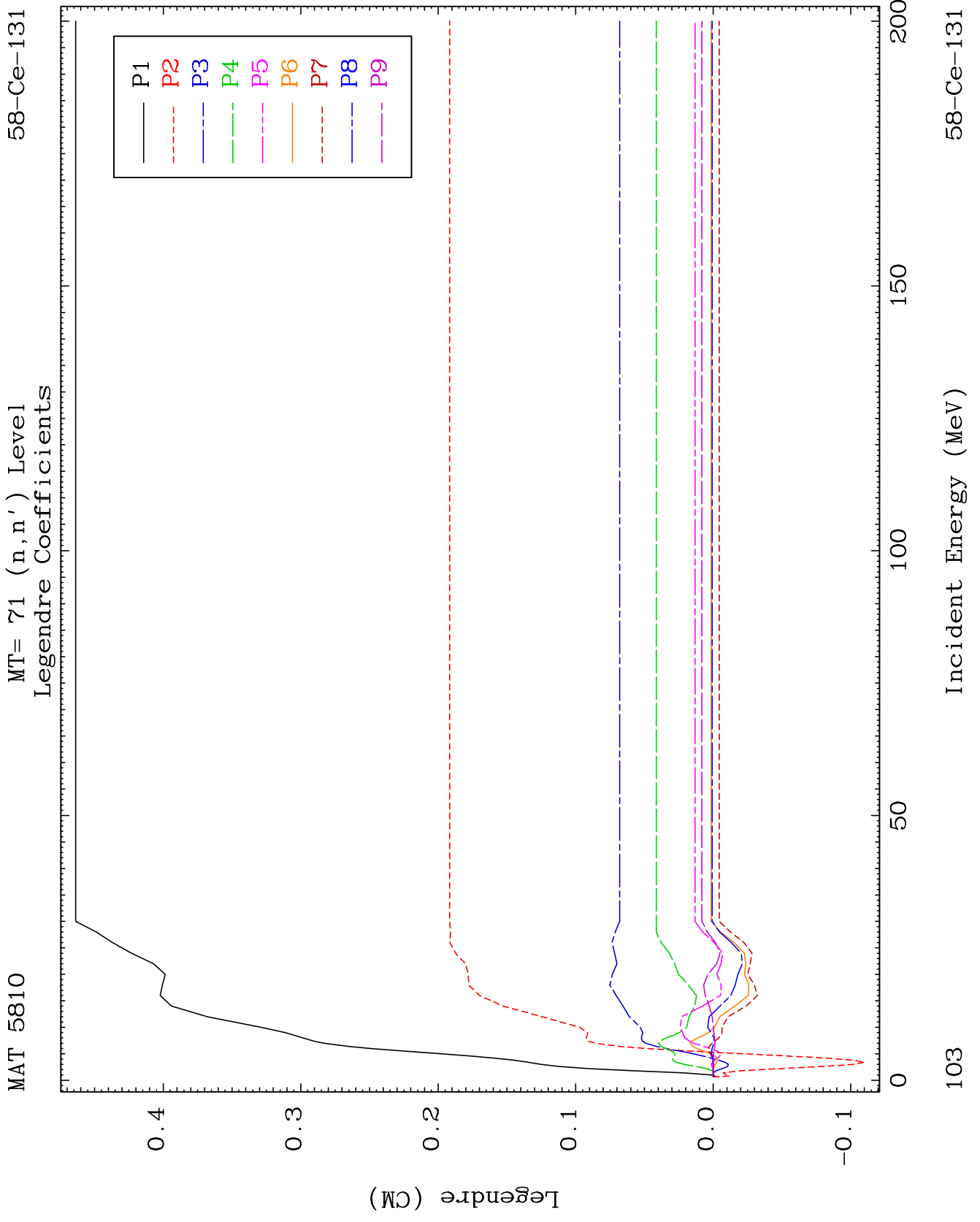
58-Ce-131

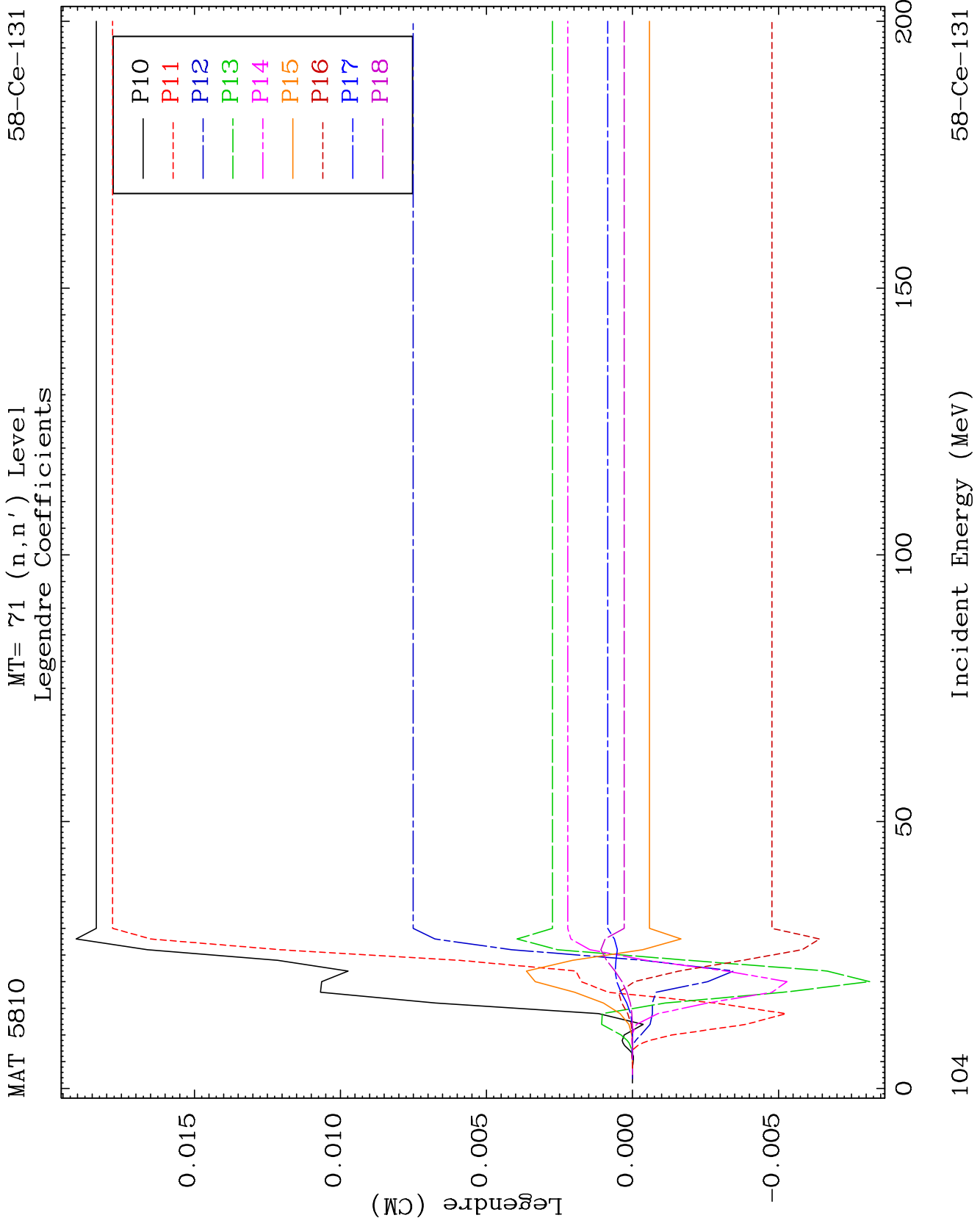


102

Incident Energy (MeV)

58-Ce-131





58-Ce-131

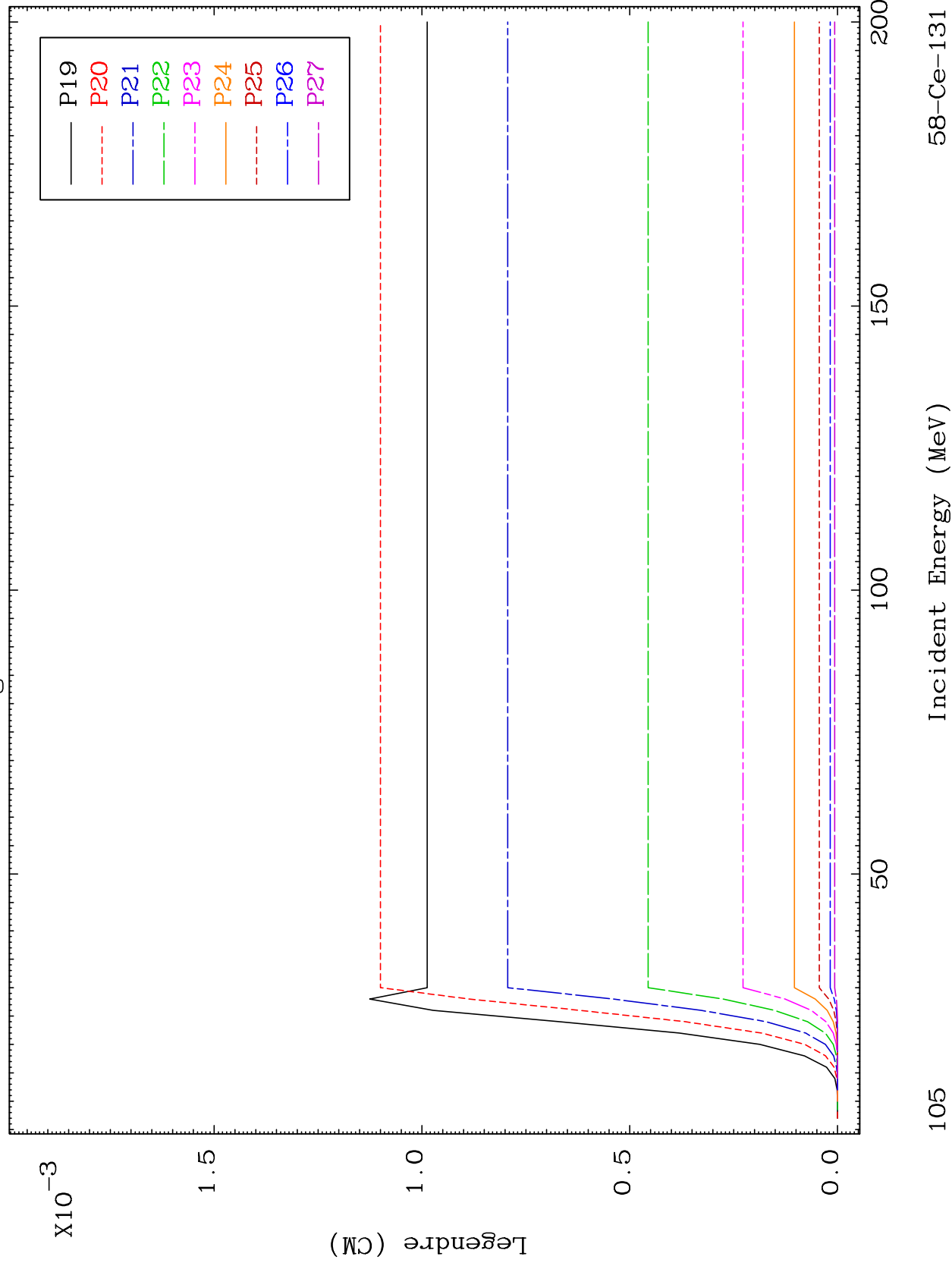
Incident Energy (MeV)

104

MAT 5810

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

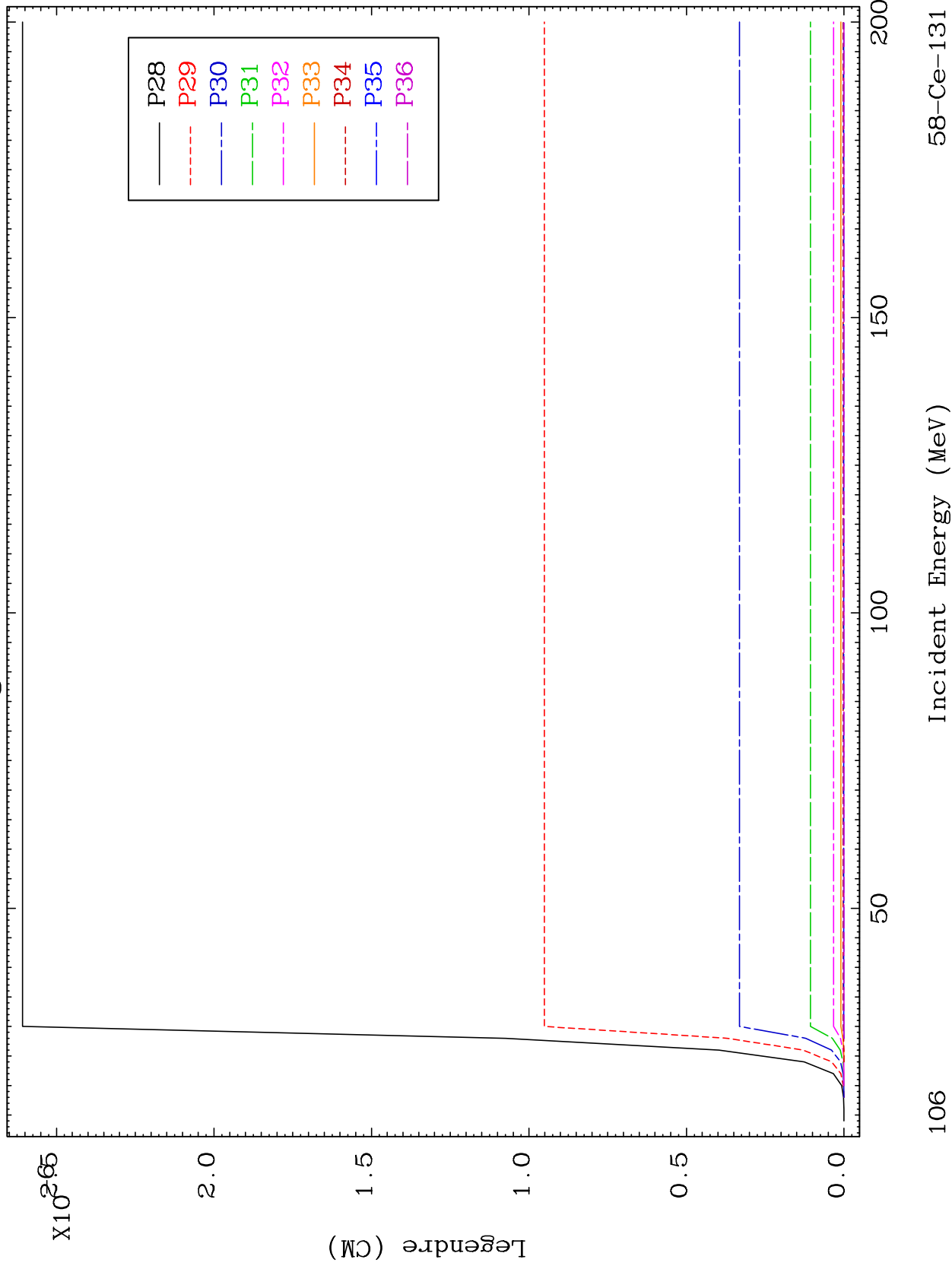
58-Ce-131



MAT 5810

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

58-Ce-131



106

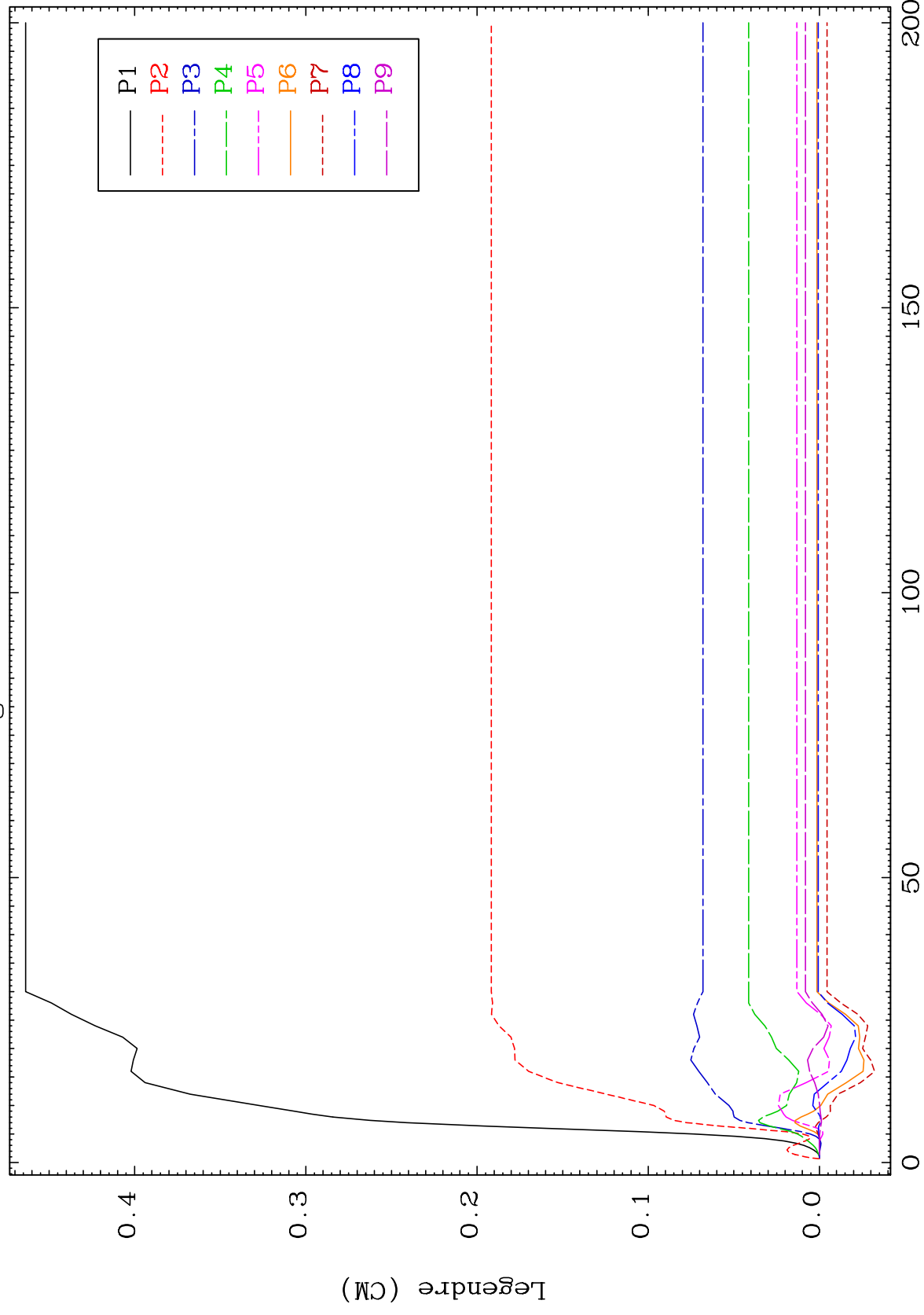
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

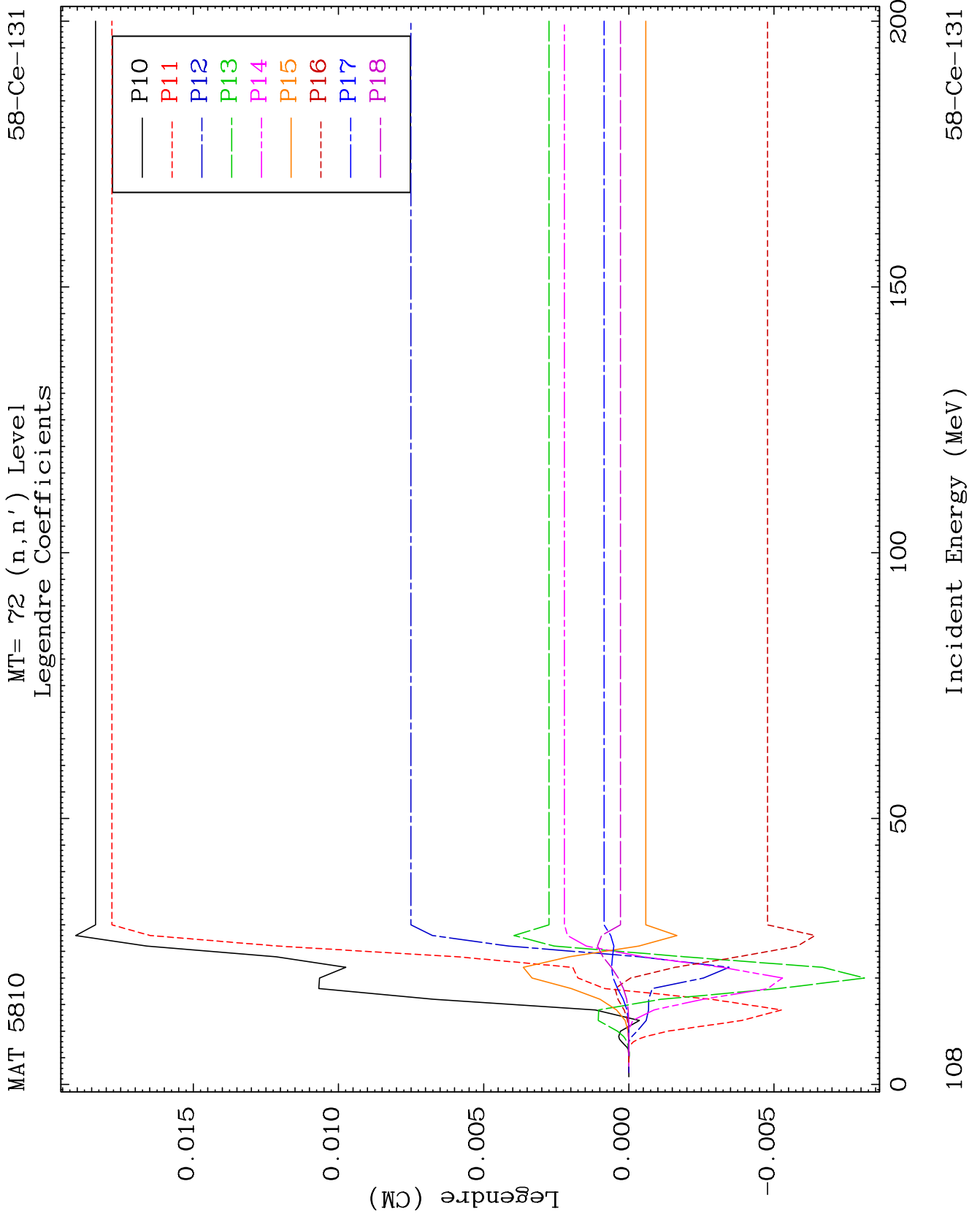
58-Ce-131



58-Ce-131

Incident Energy (MeV)

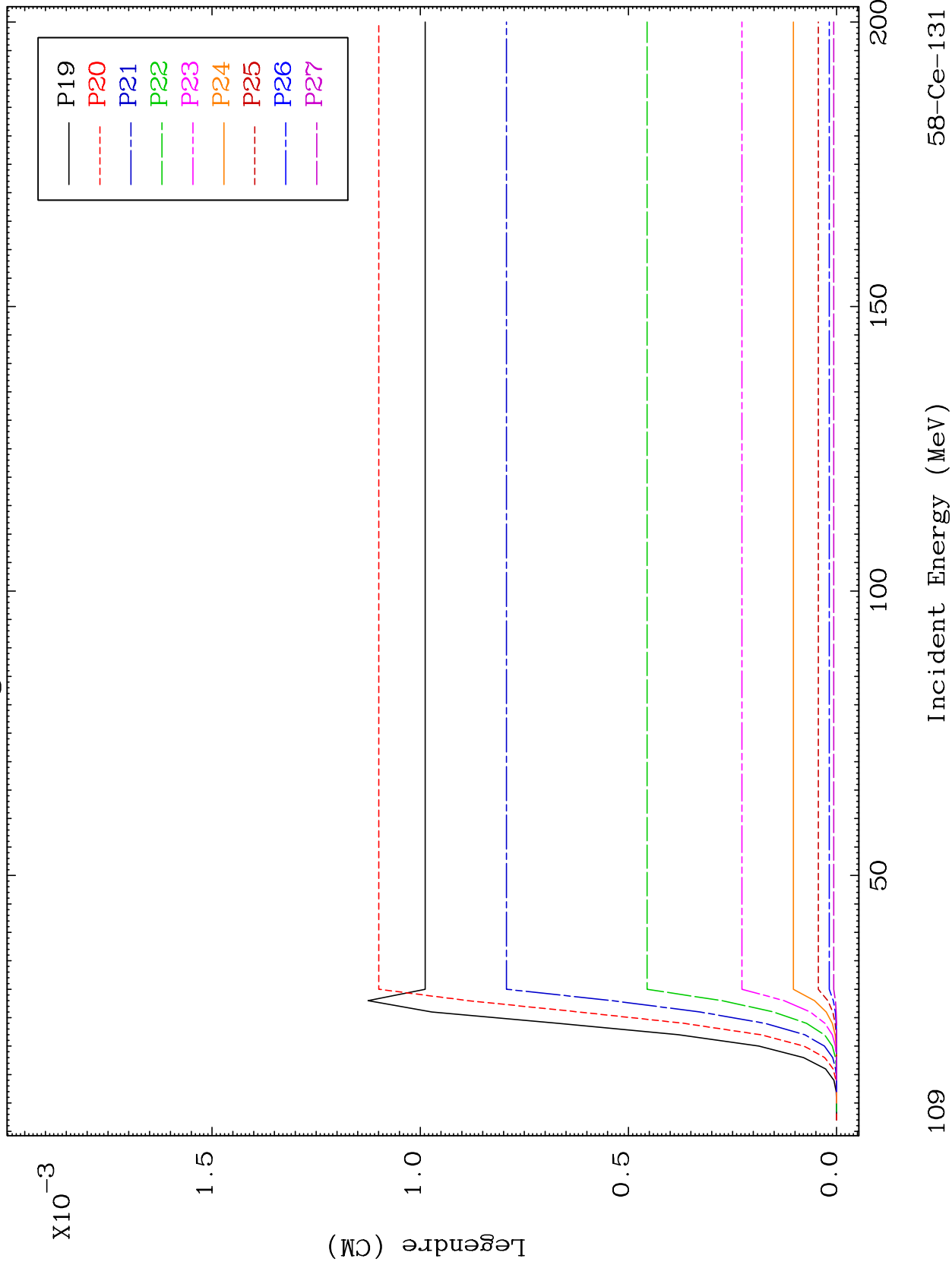
107



MAT 5810

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

58-Ce-131

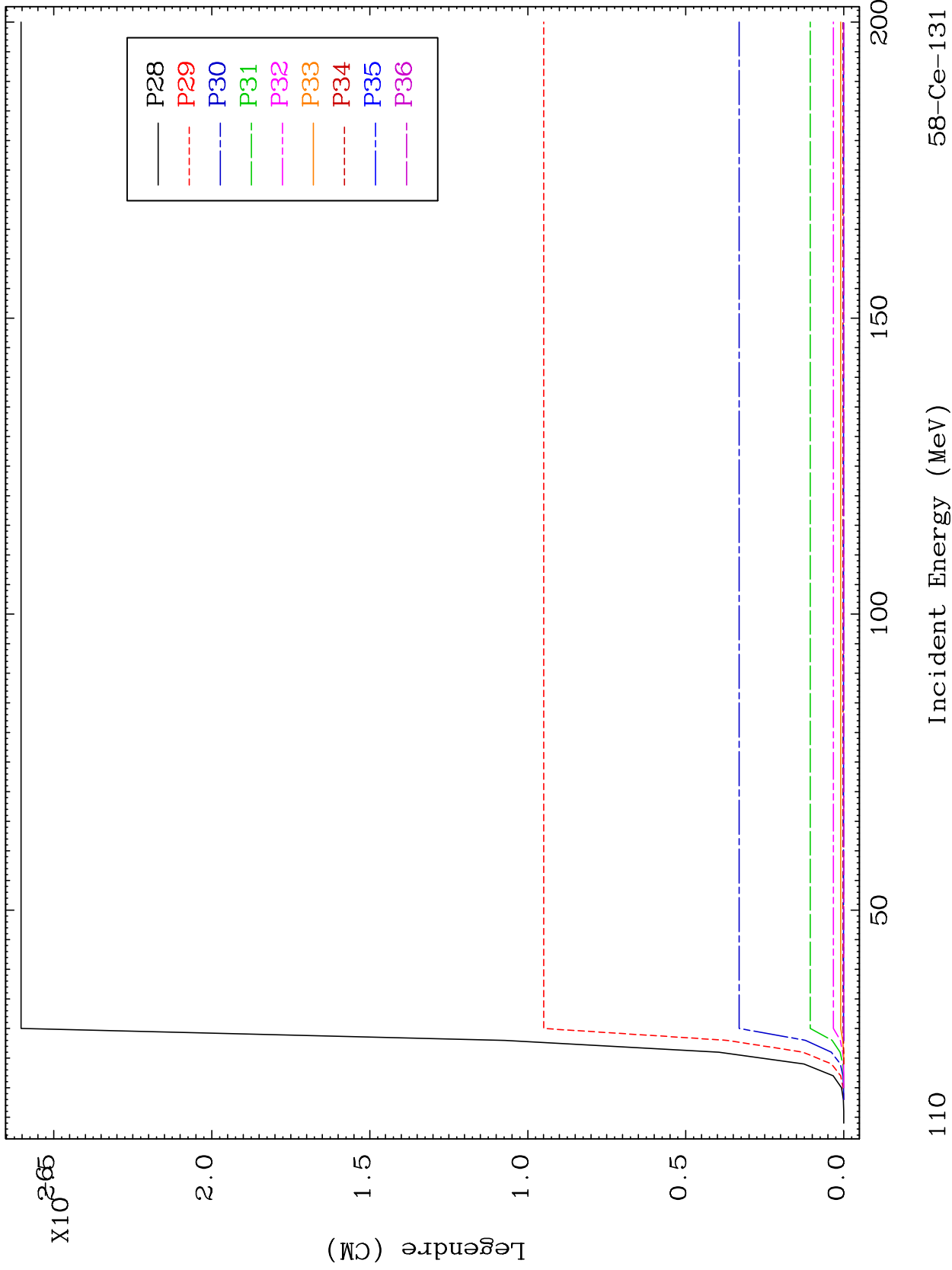


109

MAT 5810

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

58-Ce-131



58-Ce-131

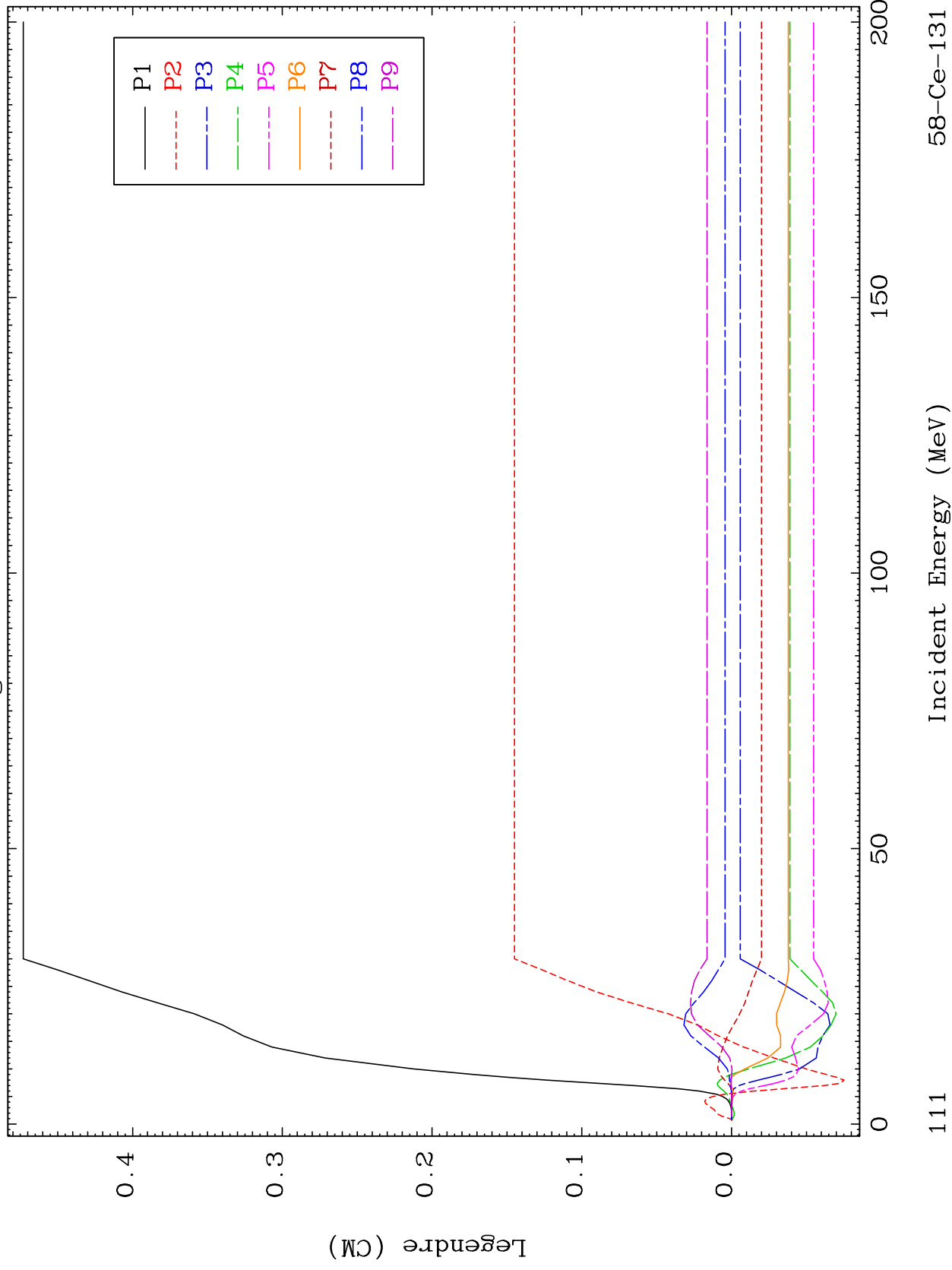
Incident Energy (MeV)

110

MAT 5810

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

58-Ce-131



58-Ce-131

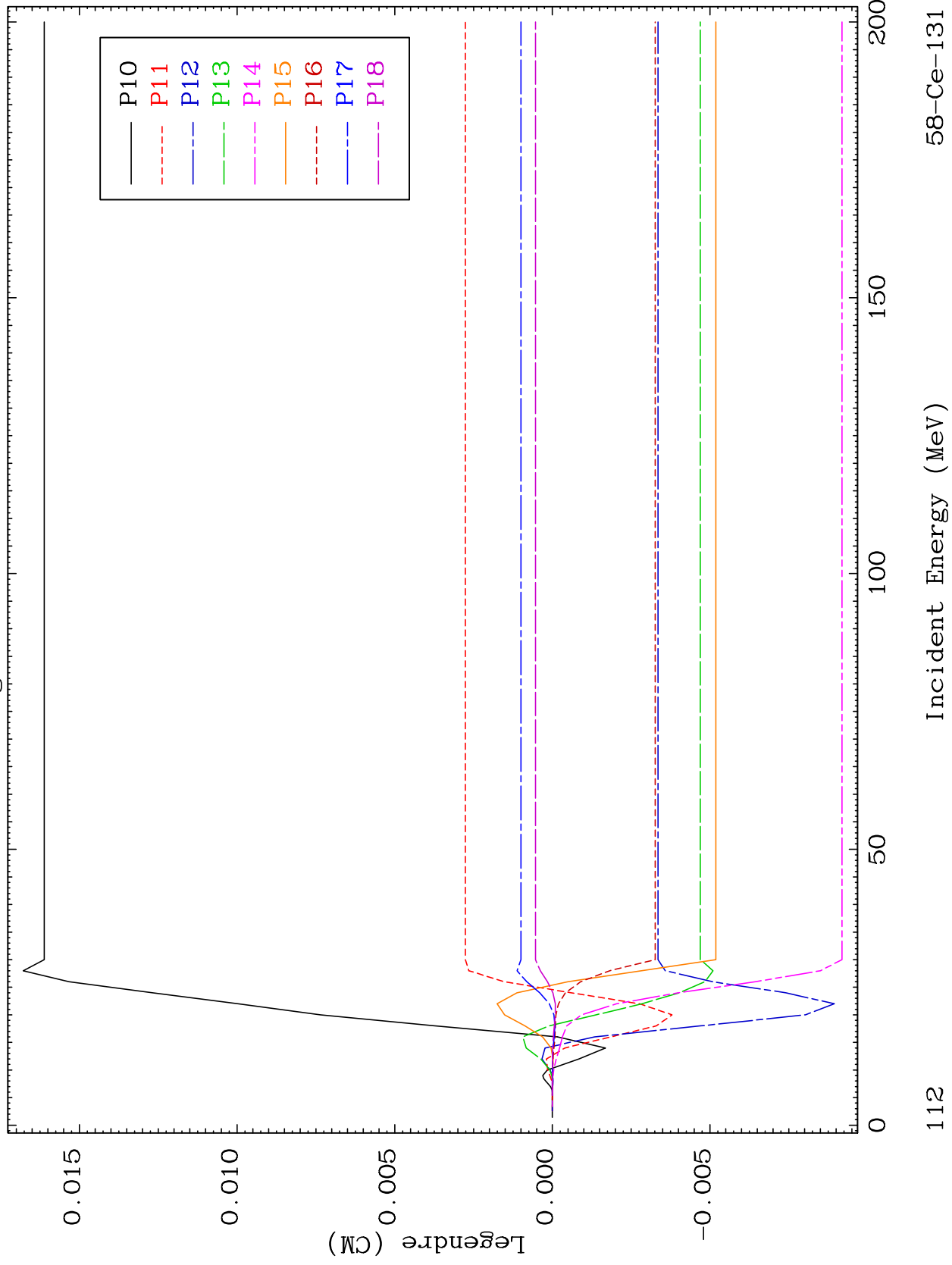
Incident Energy (MeV)

111

MAT 5810

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

58-Ce-131



112

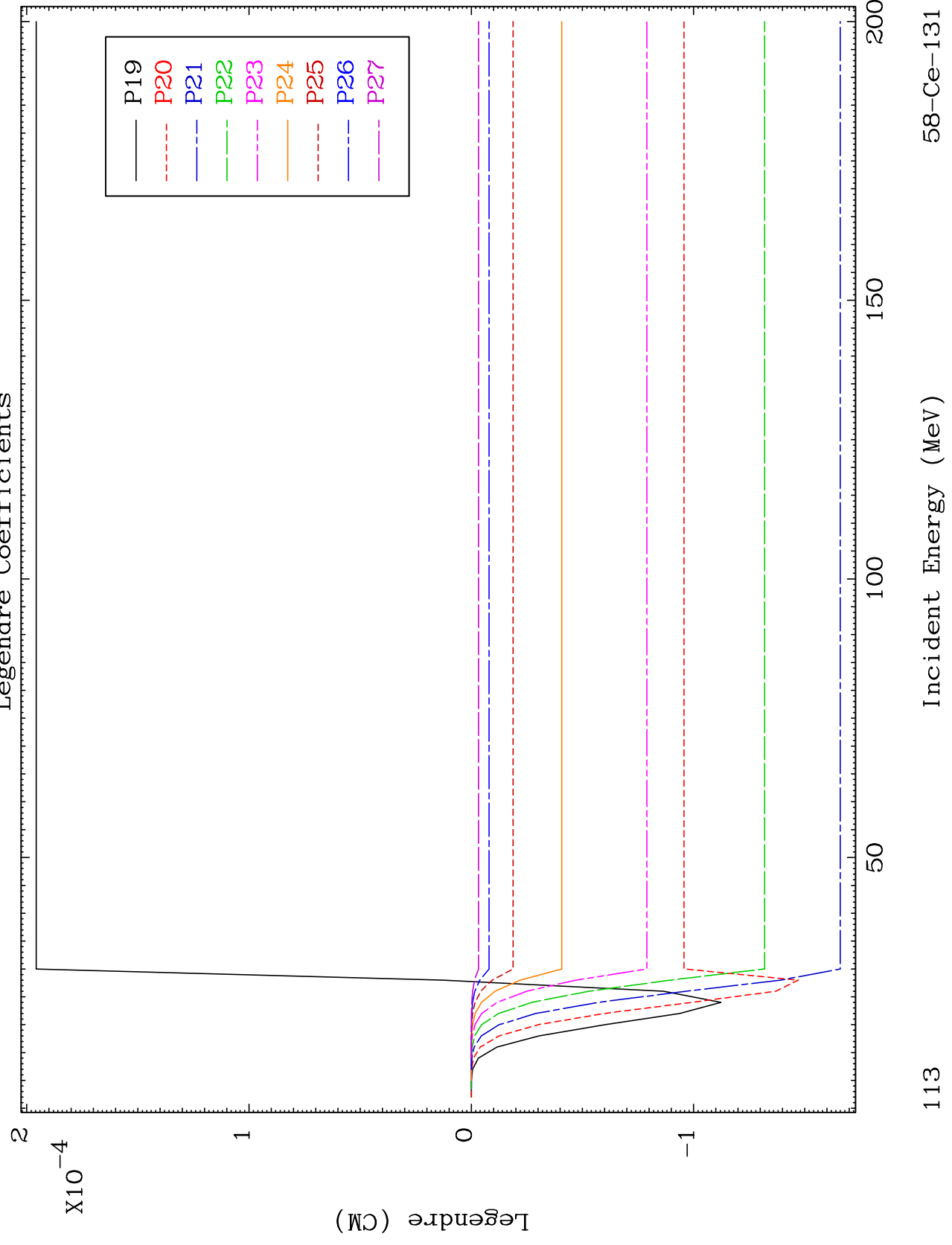
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

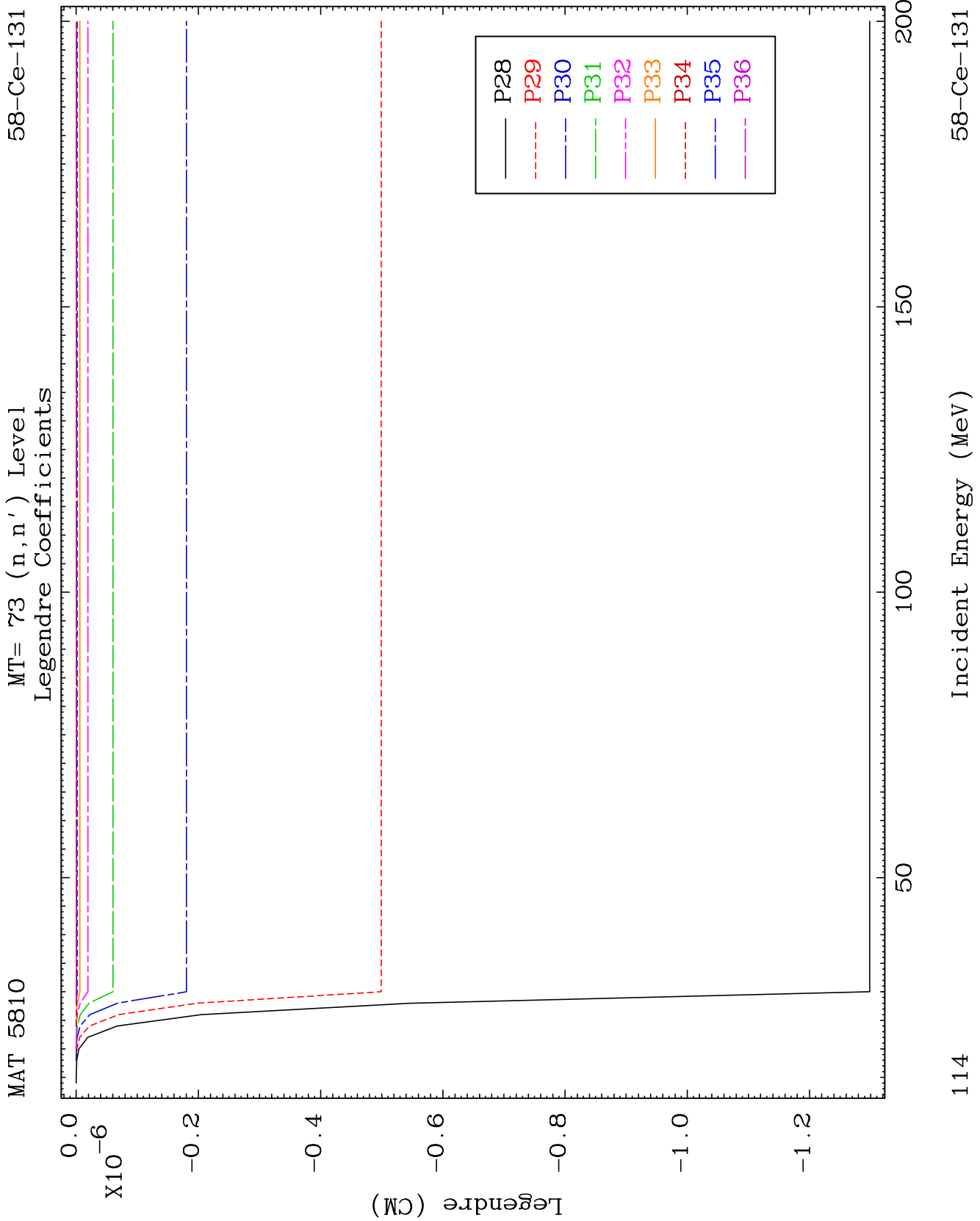
58-Ce-131



113

Incident Energy (MeV)

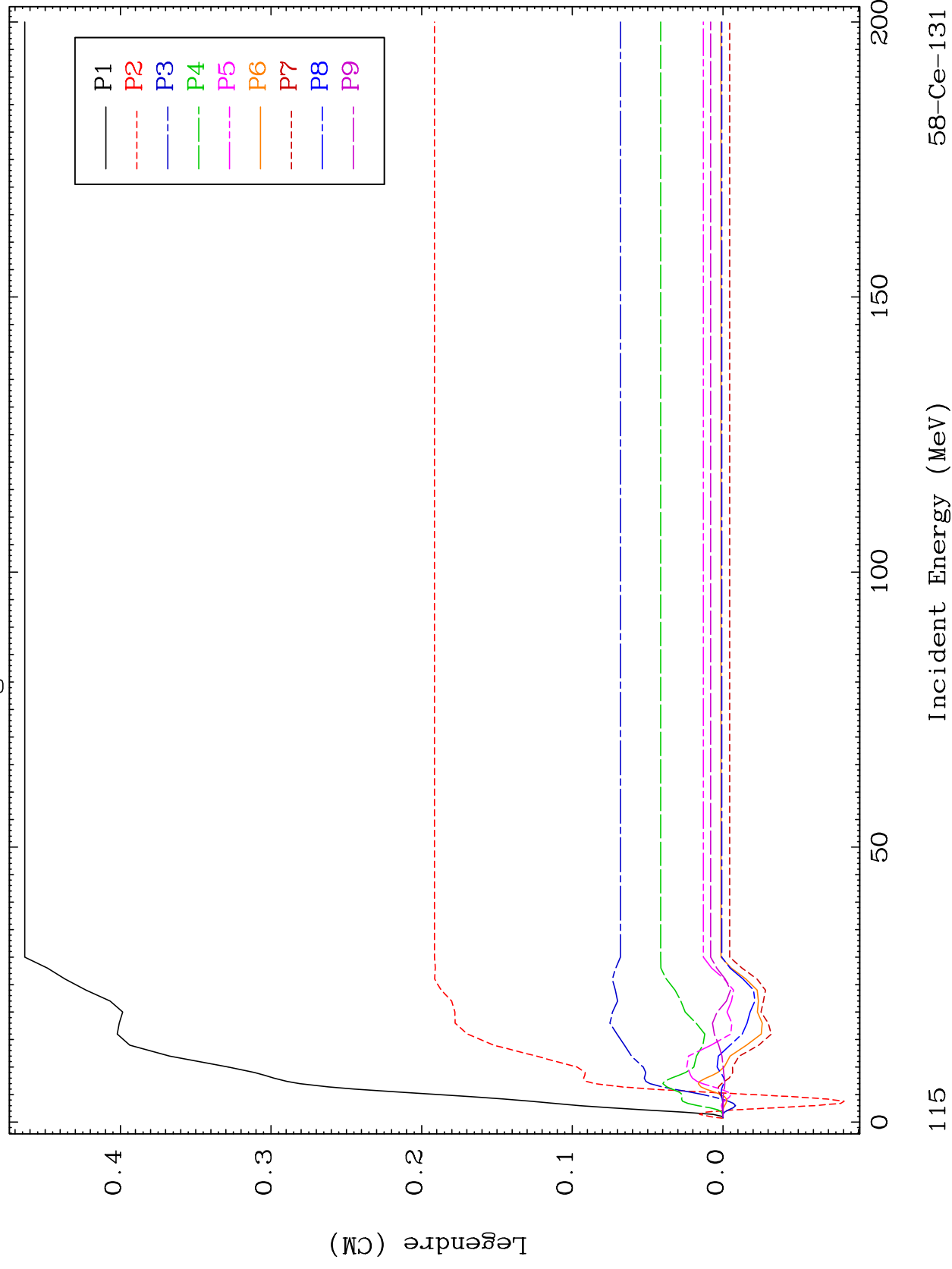
58-Ce-131



MAT 5810

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

58-Ce-131



58-Ce-131

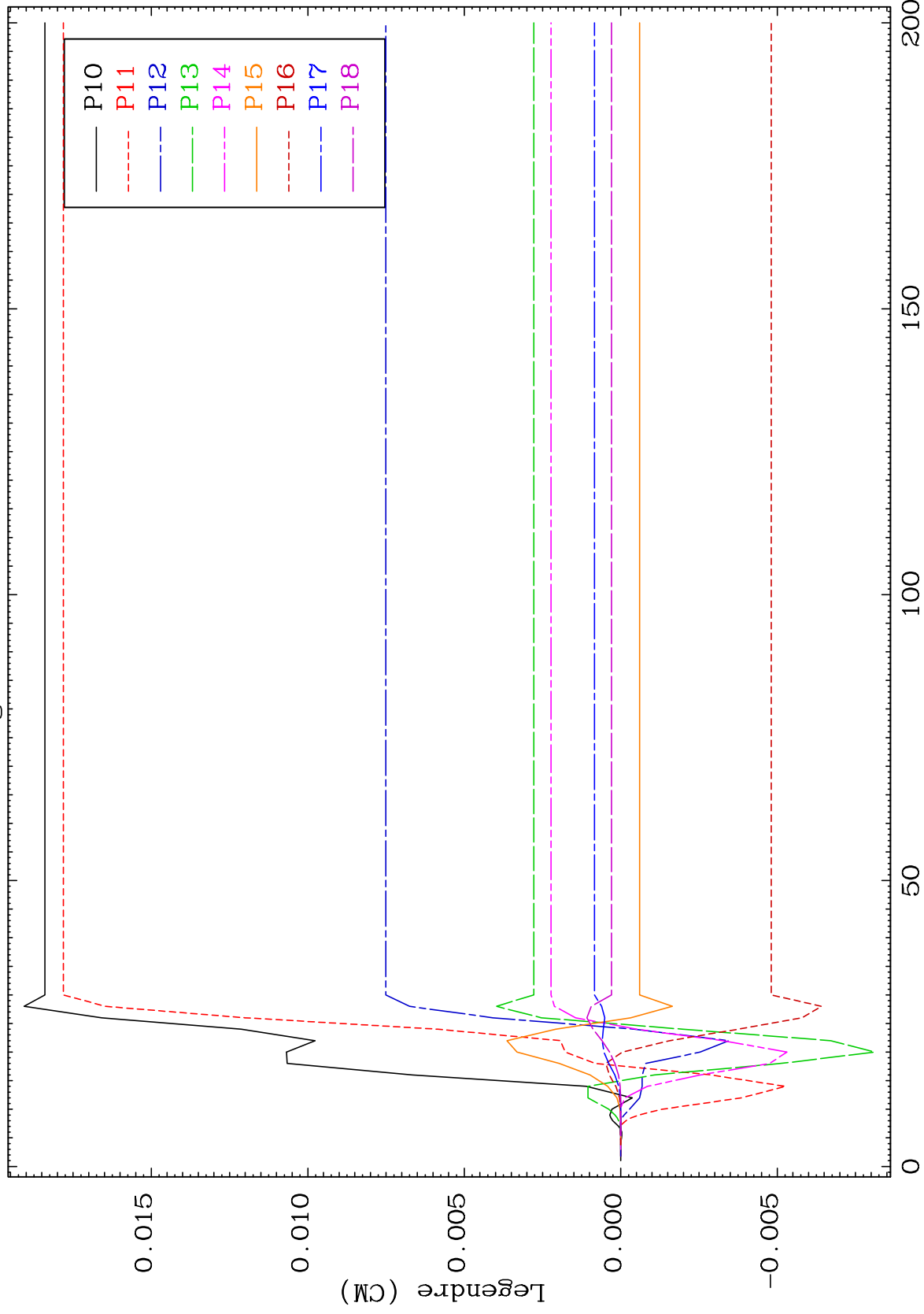
Incident Energy (MeV)

115

MAT 5810

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

58-Ce-131



116

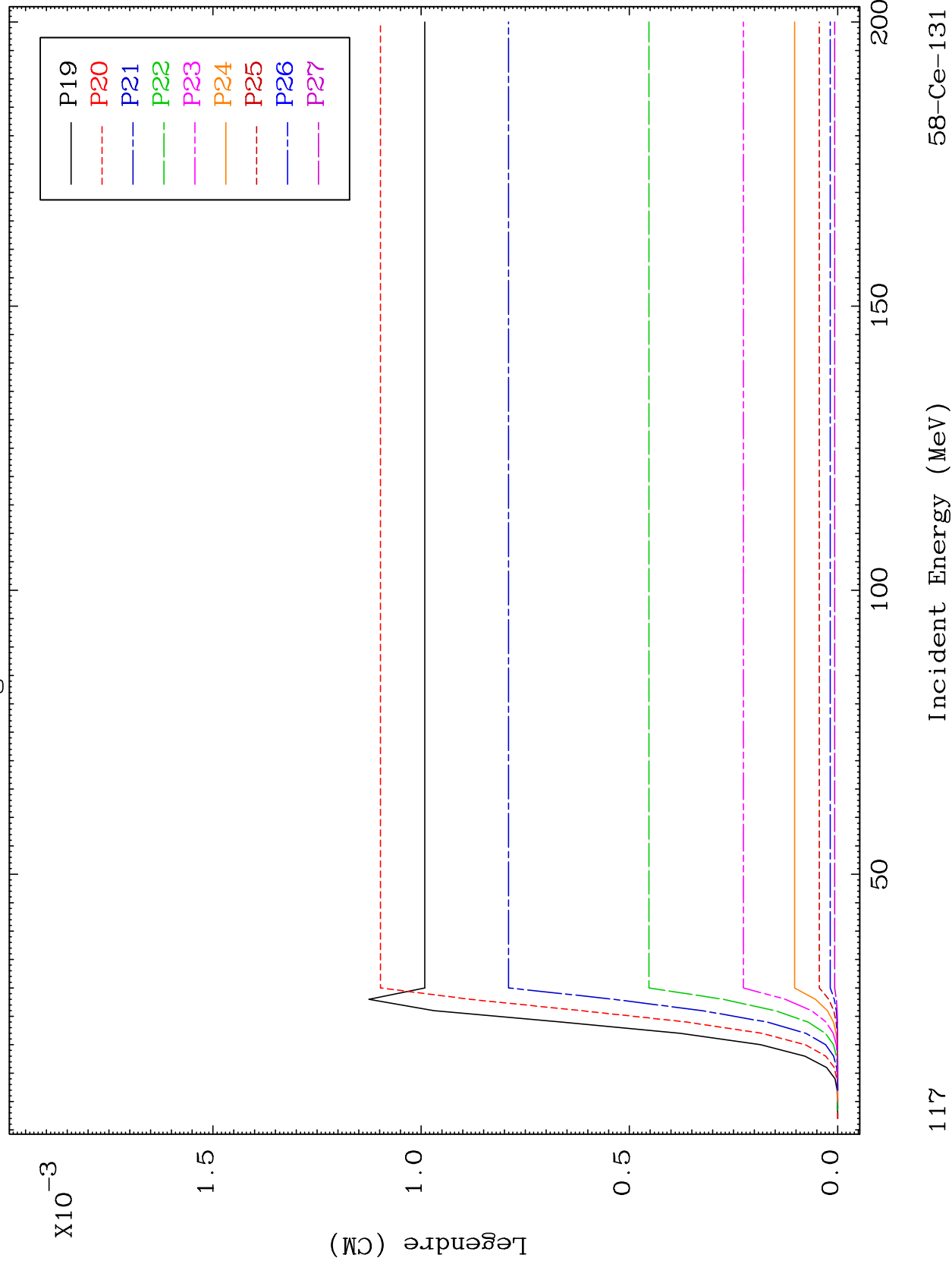
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

58-Ce-131



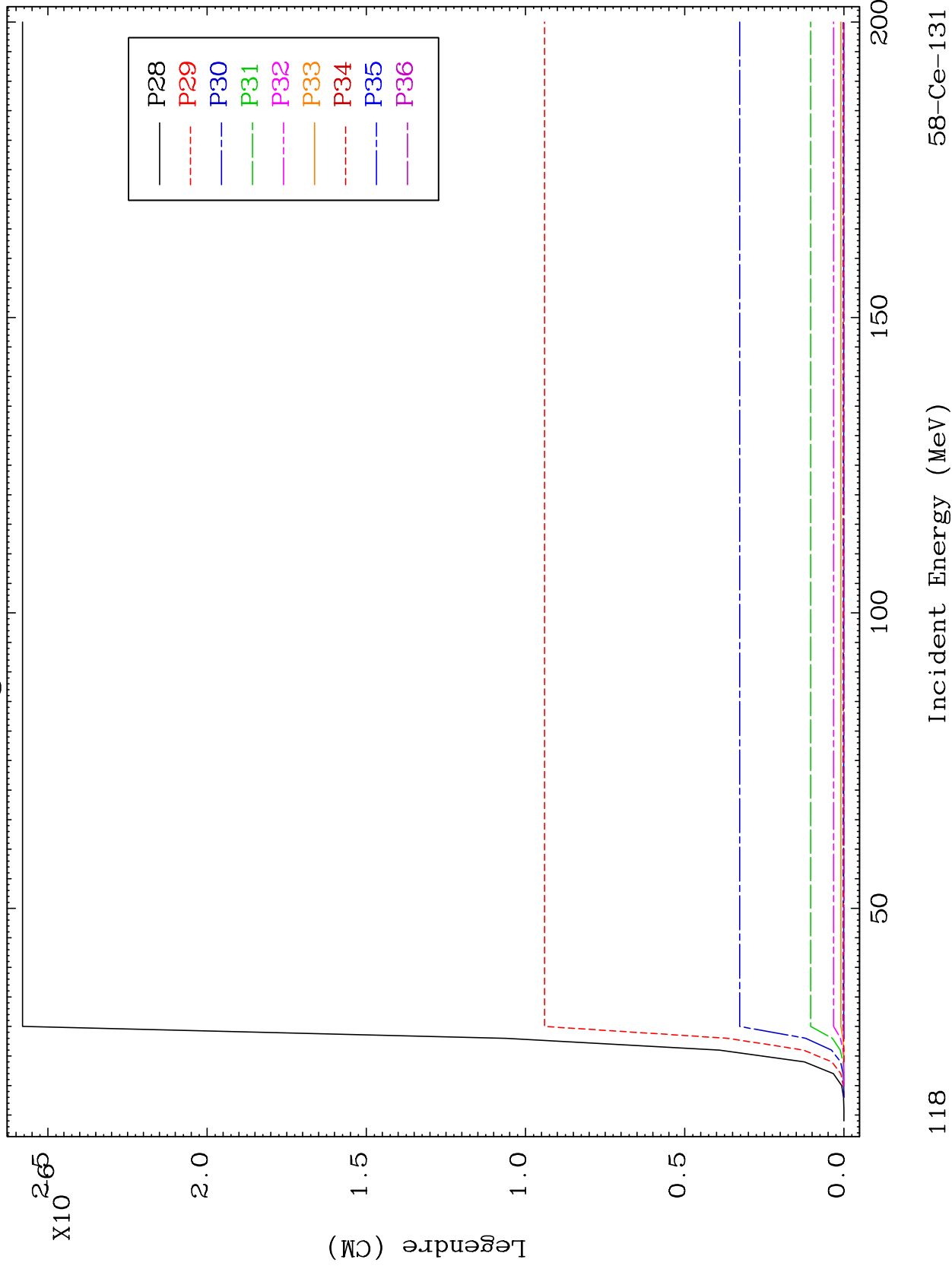
117

58-Ce-131

MAT 5810

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

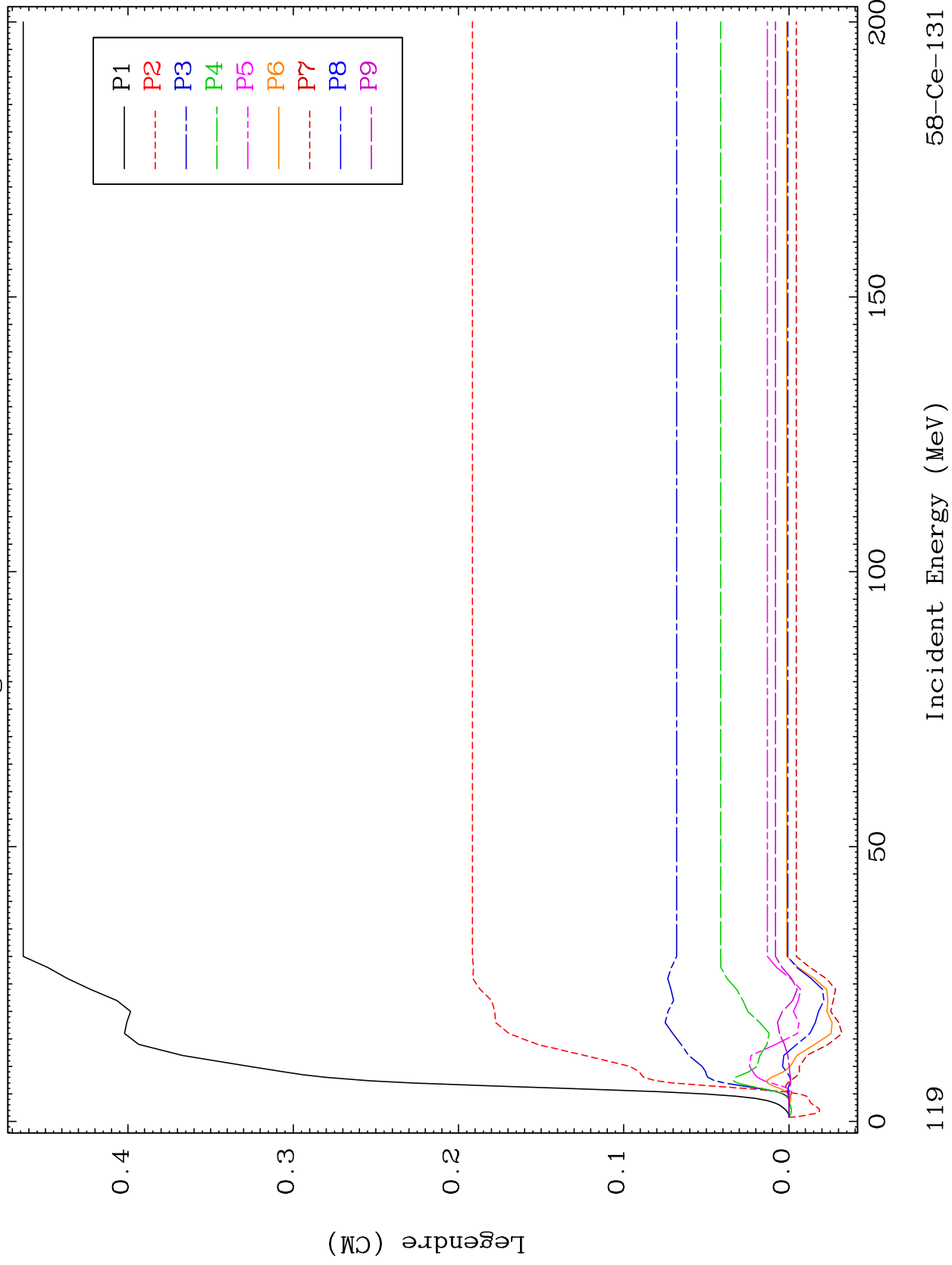
58-Ce-131



MAT 5810

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

58-Ce-131



58-Ce-131

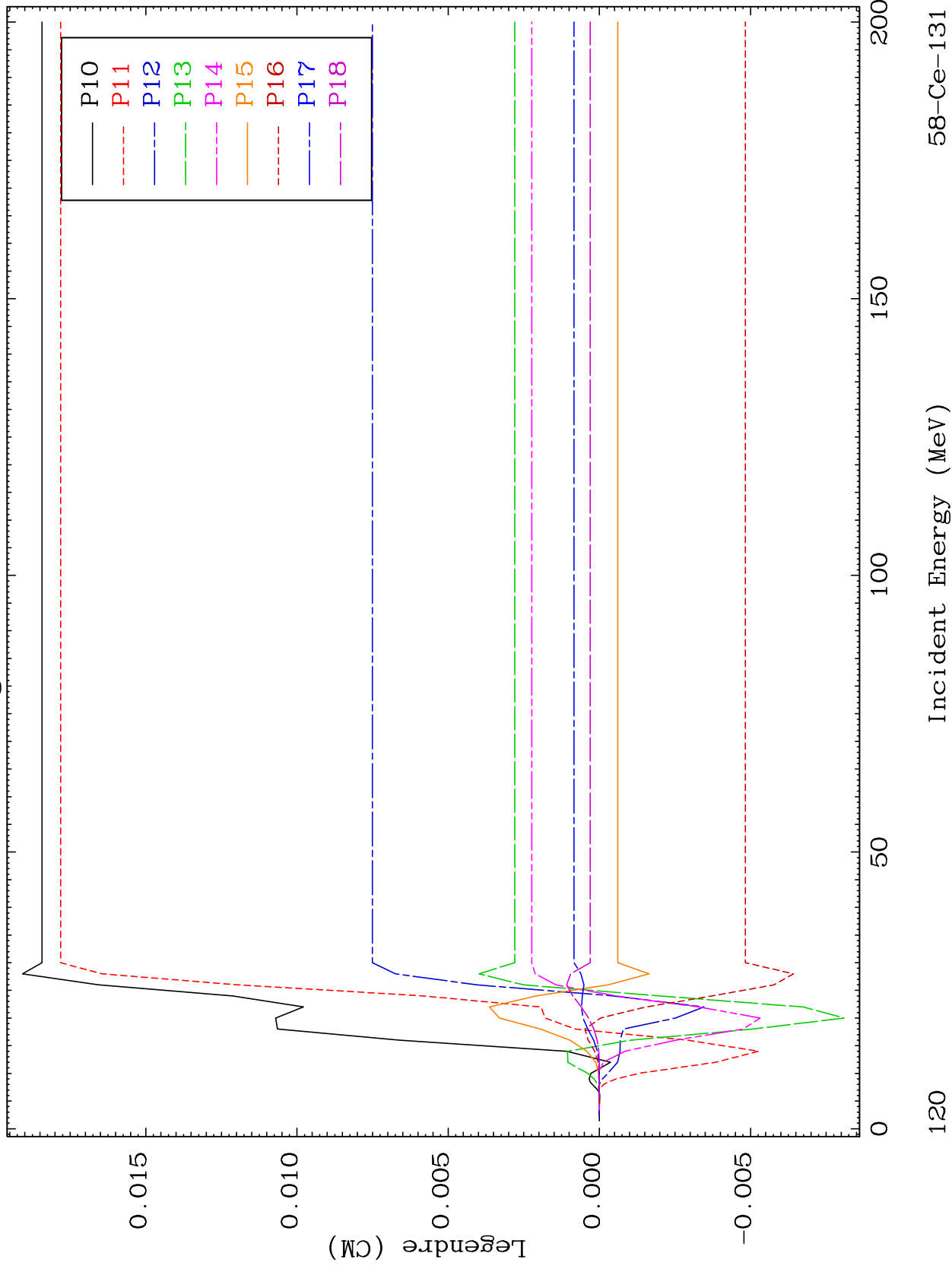
Incident Energy (MeV)

119

MAT 5810

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

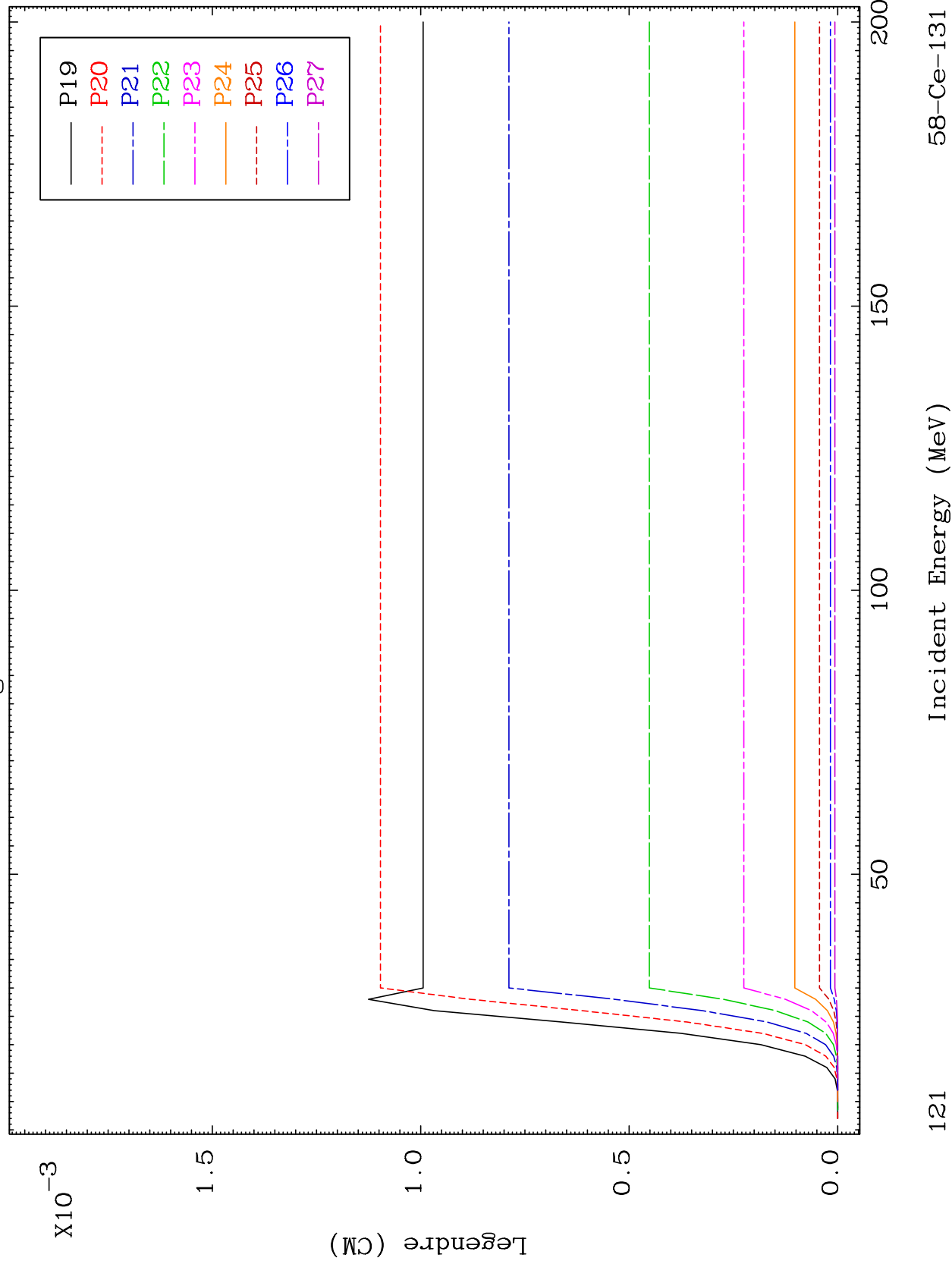
58-Ce-131



MAT 5810

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

58-Ce-131



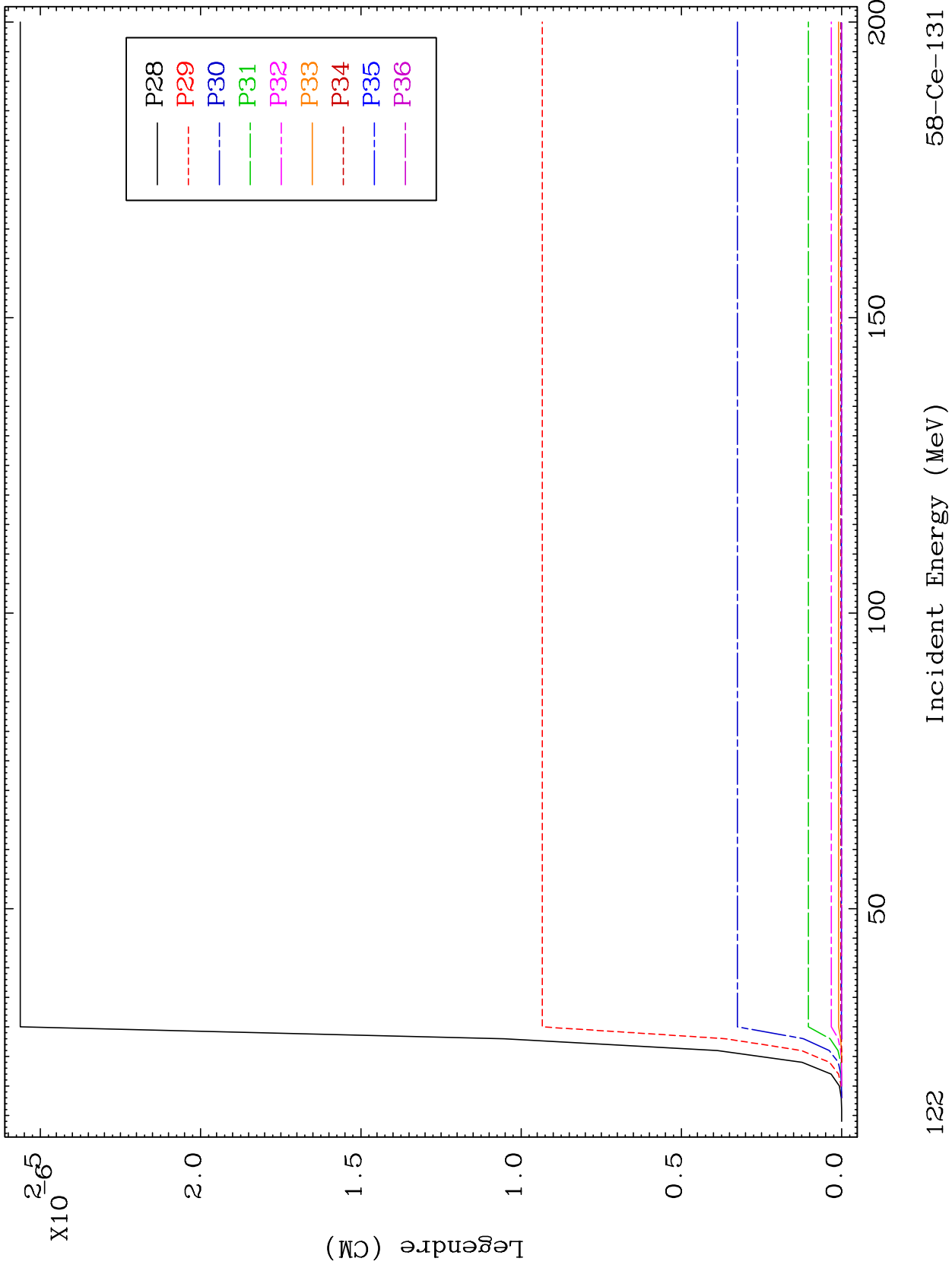
121

58-Ce-131

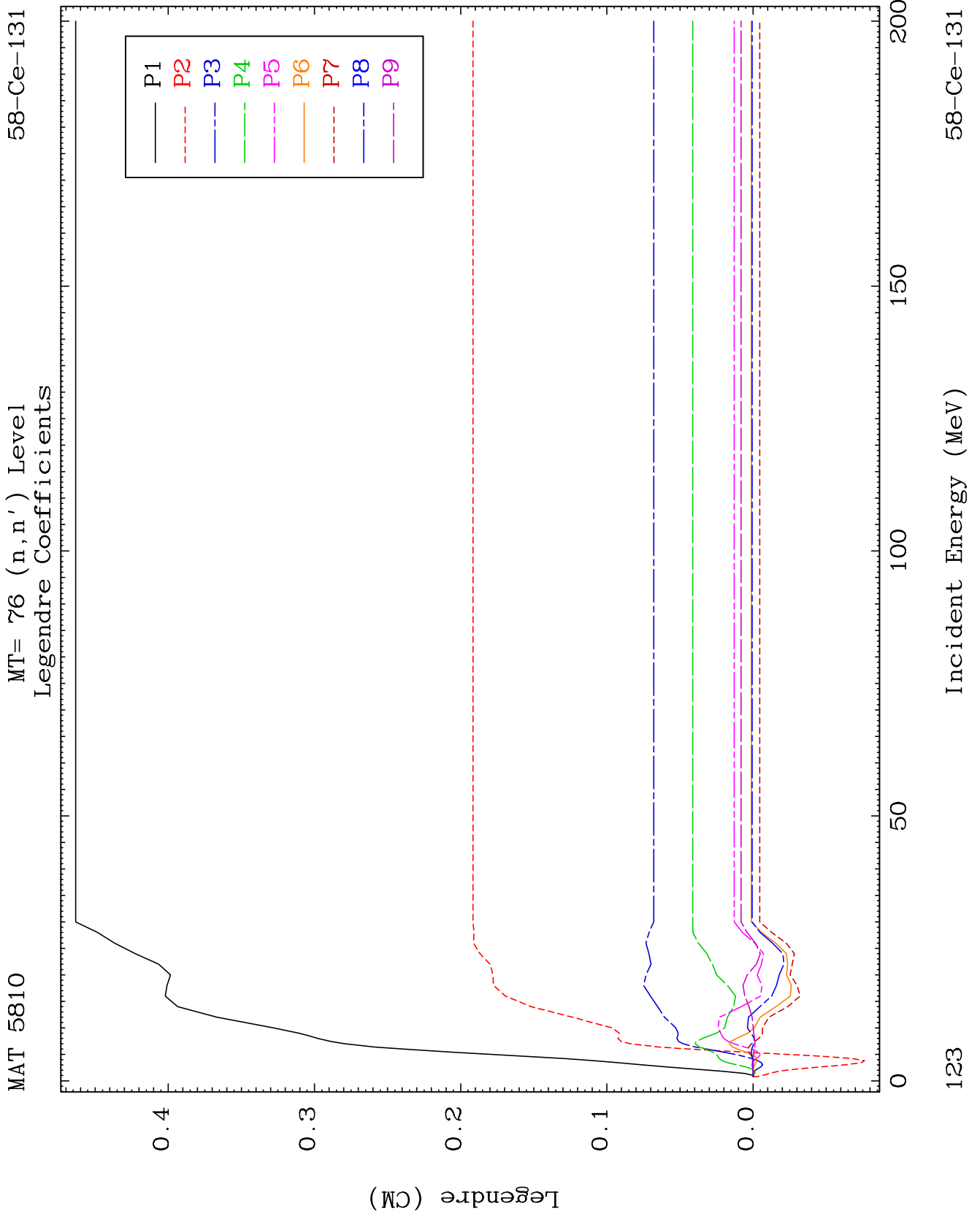
MAT 5810

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

58-Ce-131



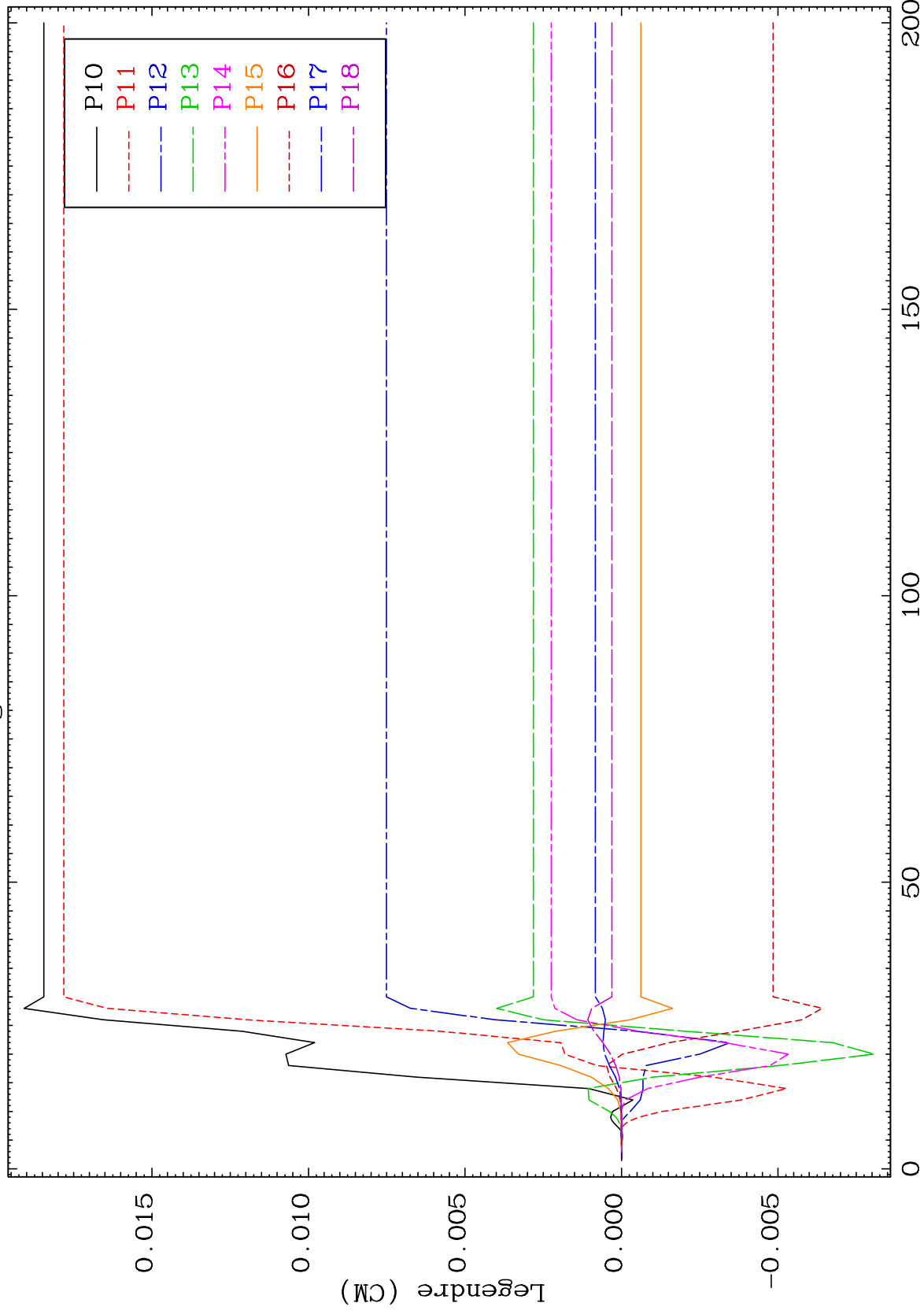
122



MAT 5810

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

58-Ce-131



124

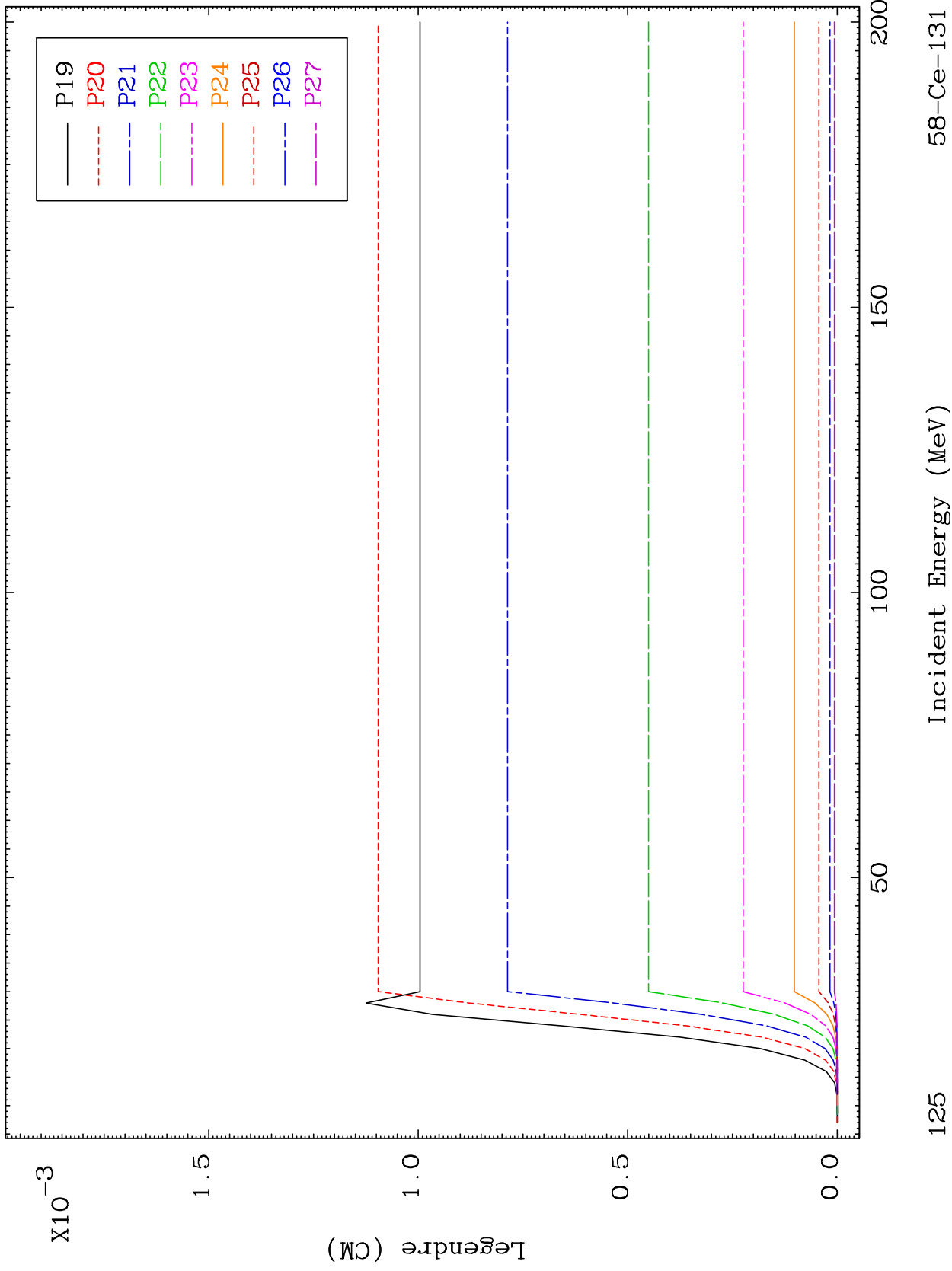
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

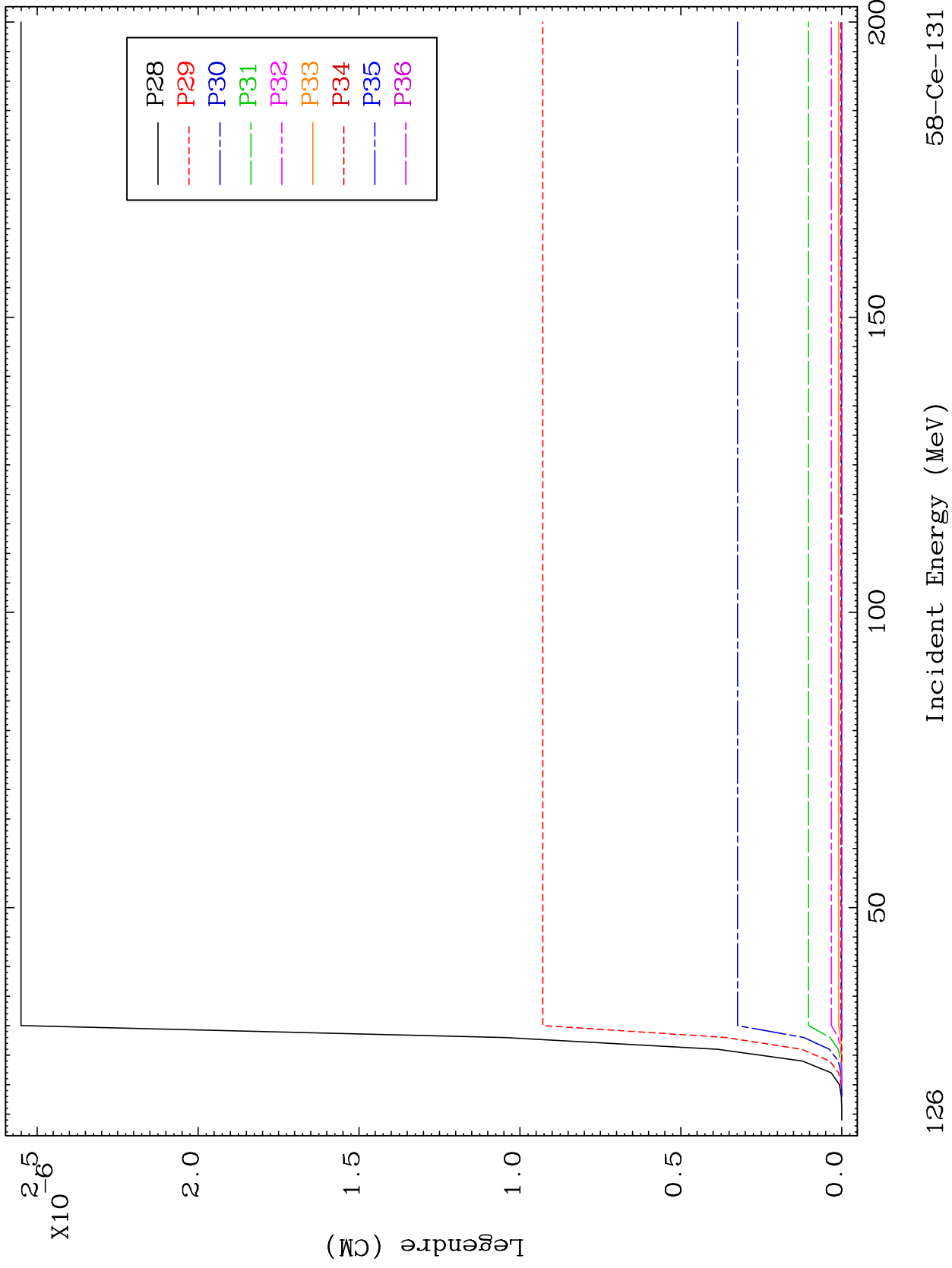
58-Ce-131



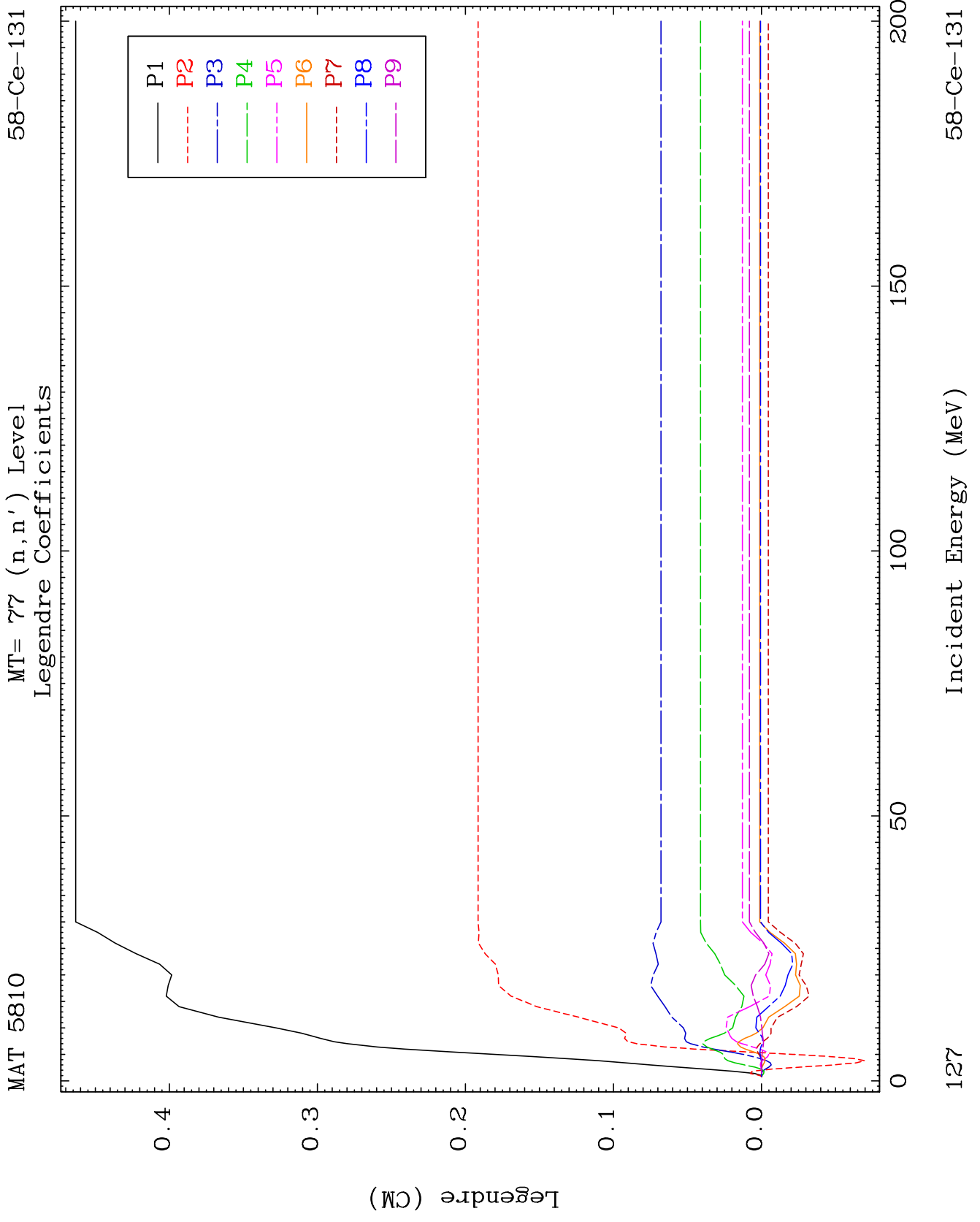
MAT 5810

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

58-Ce-131



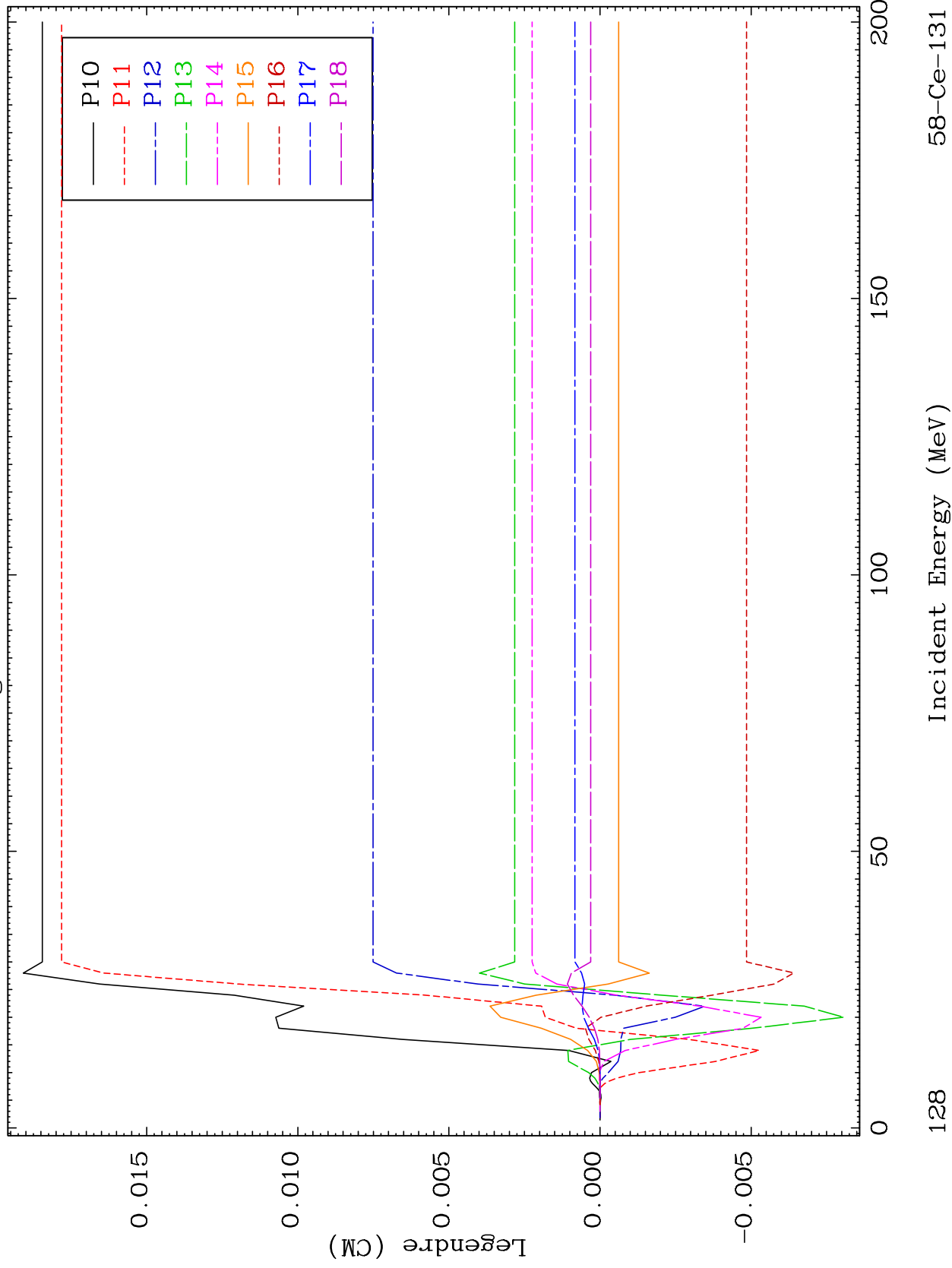
126



MAT 5810

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

58-Ce-131



58-Ce-131

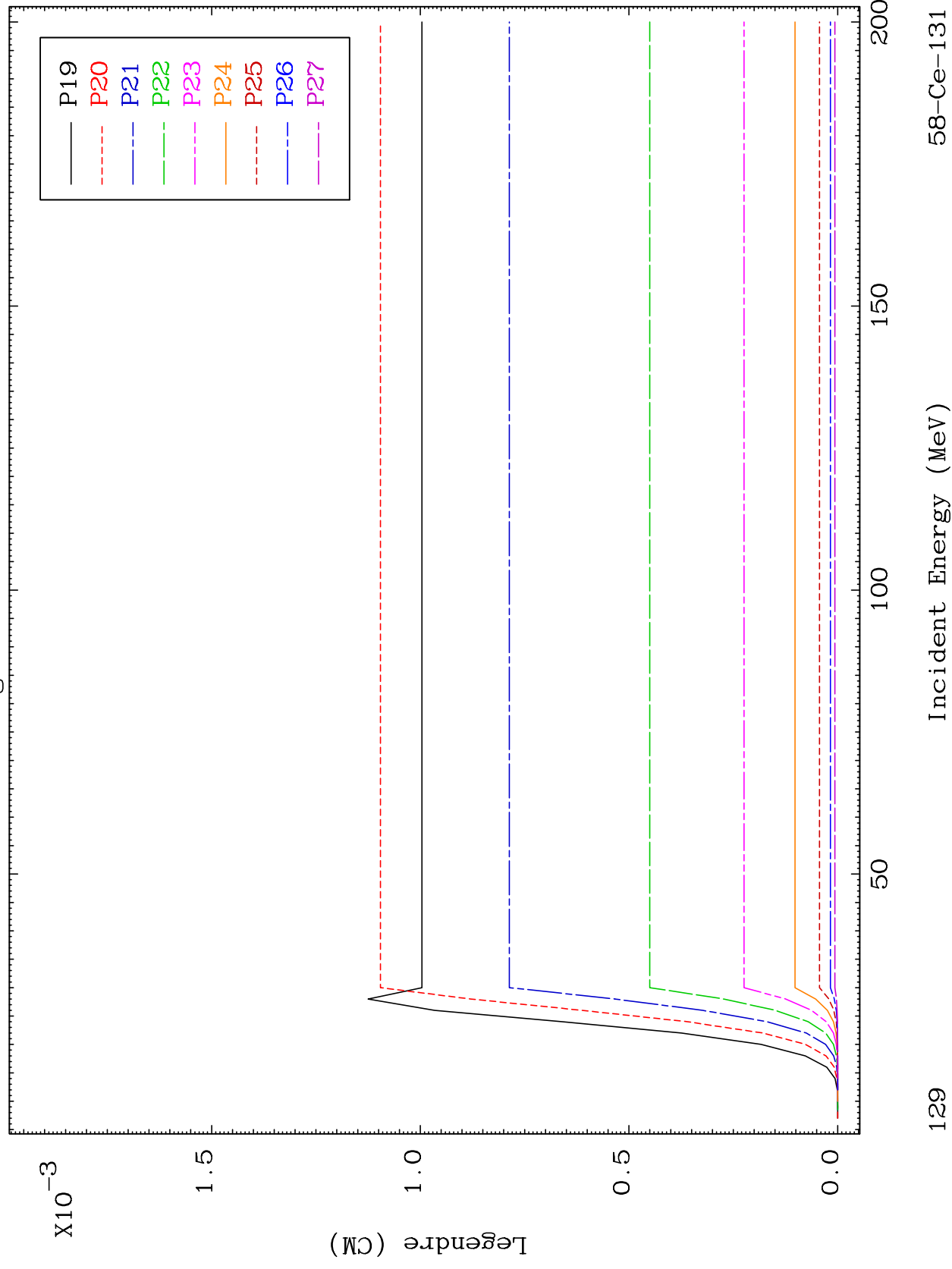
Incident Energy (MeV)

128

MAT 5810

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

58-Ce-131

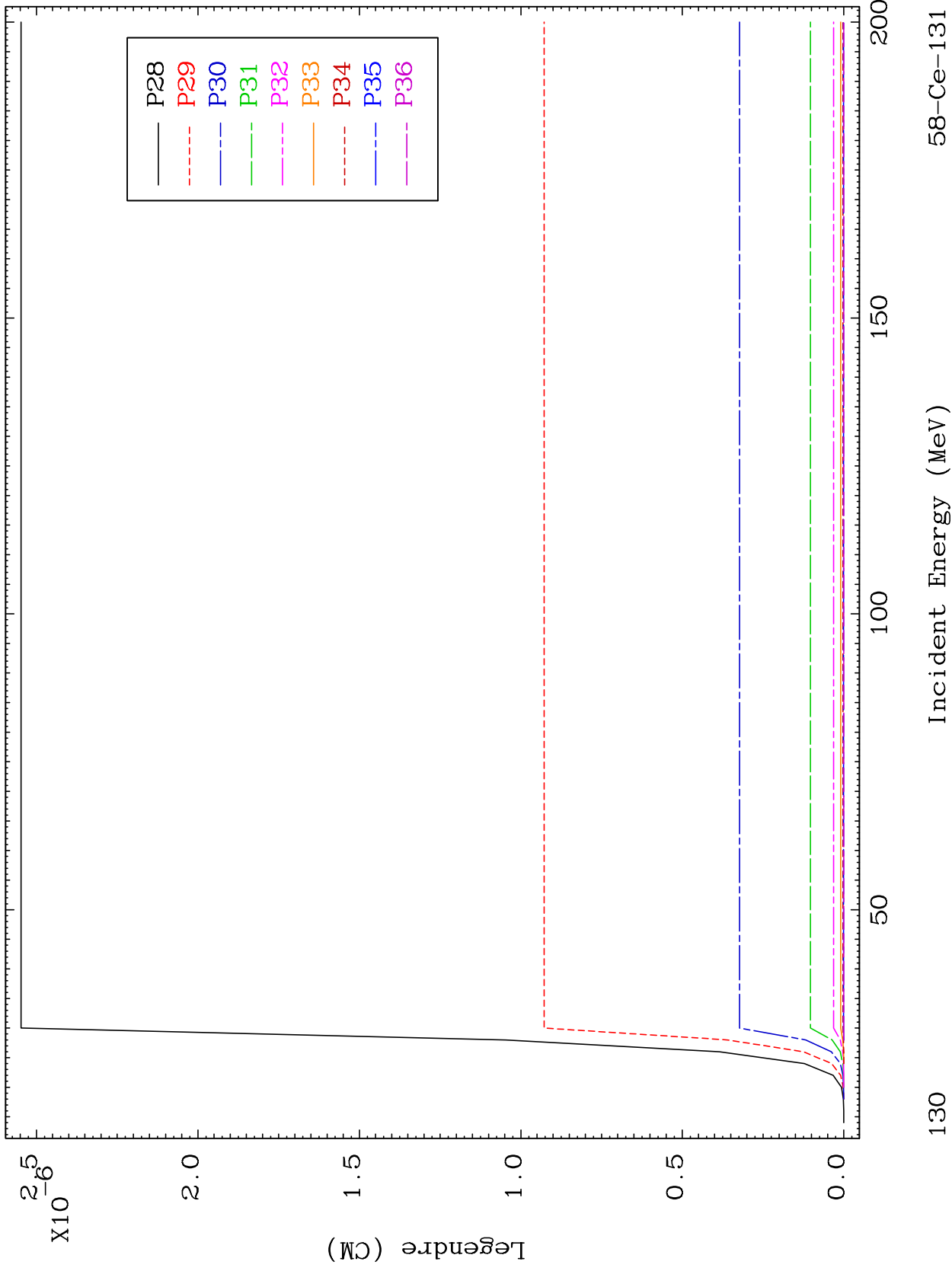


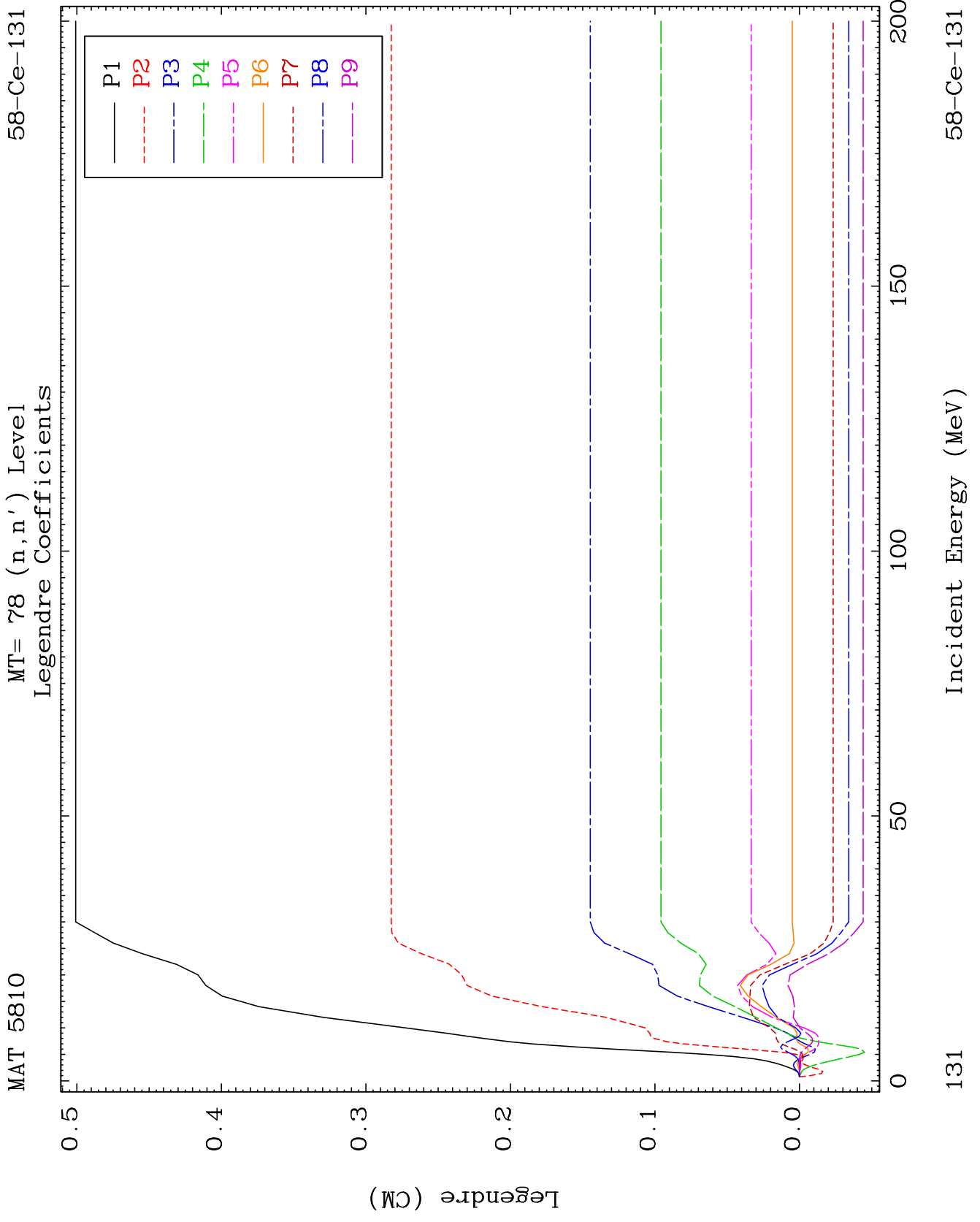
129

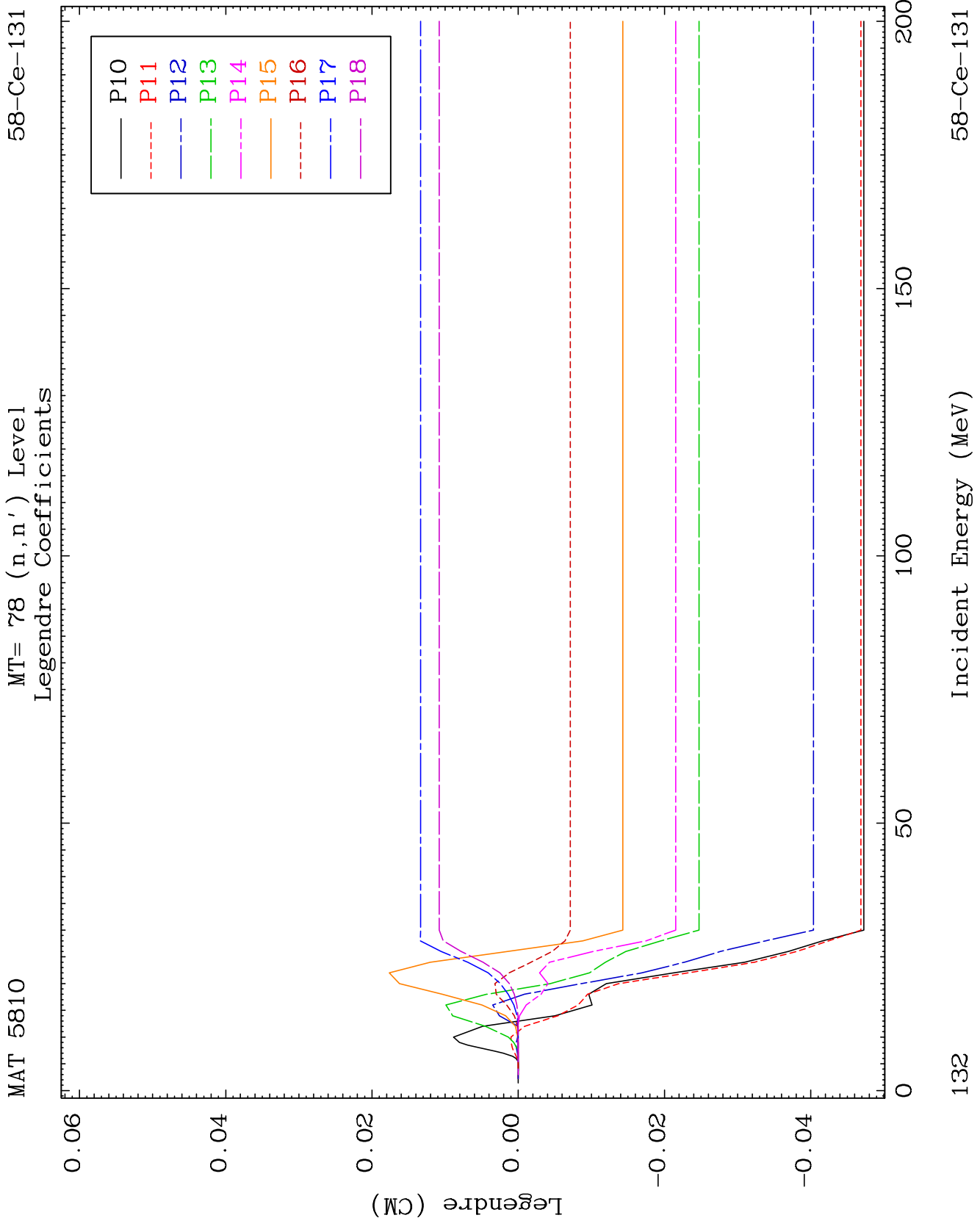
MAT 5810

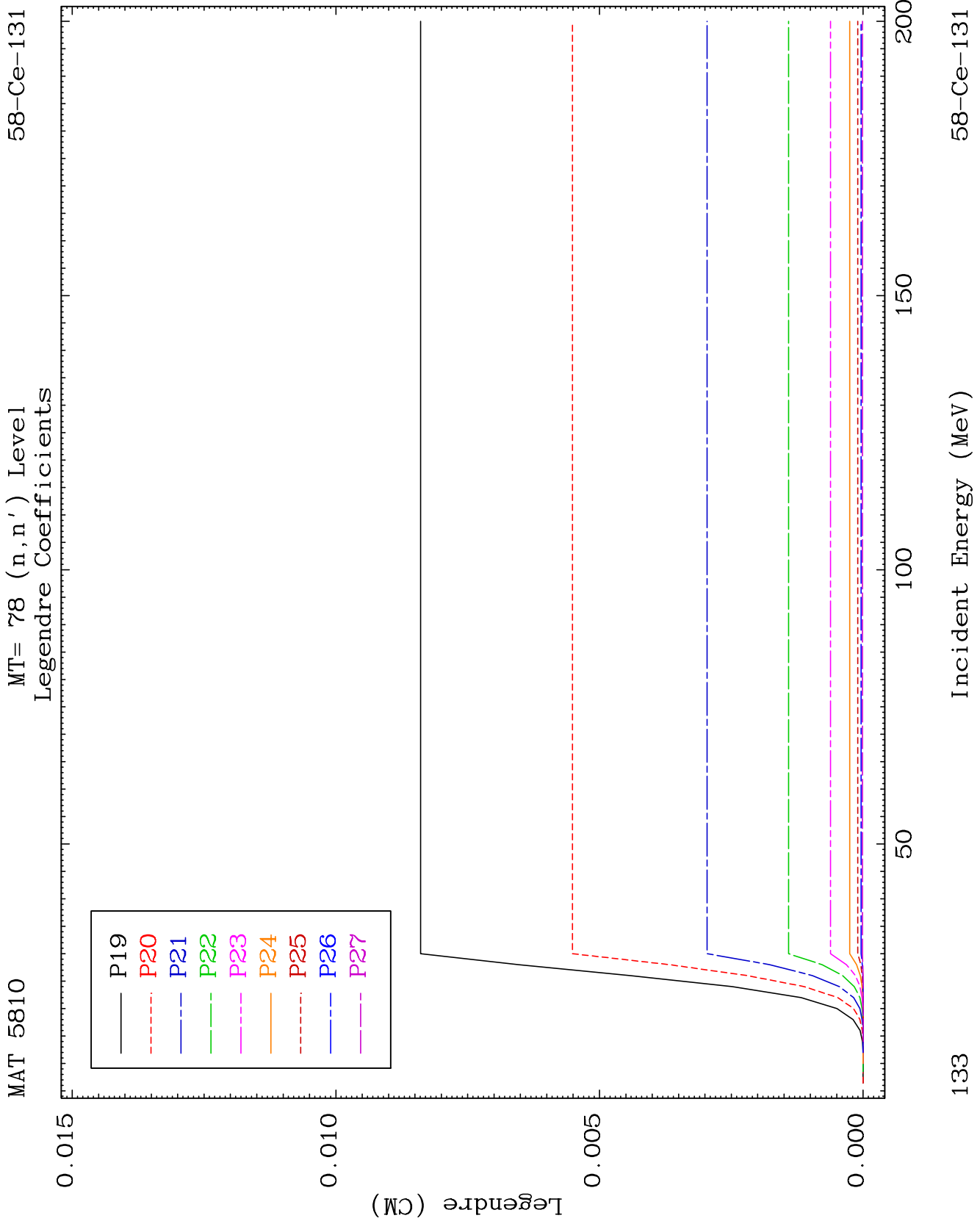
MT= 77 (n,n') Level
Legendre Coefficients

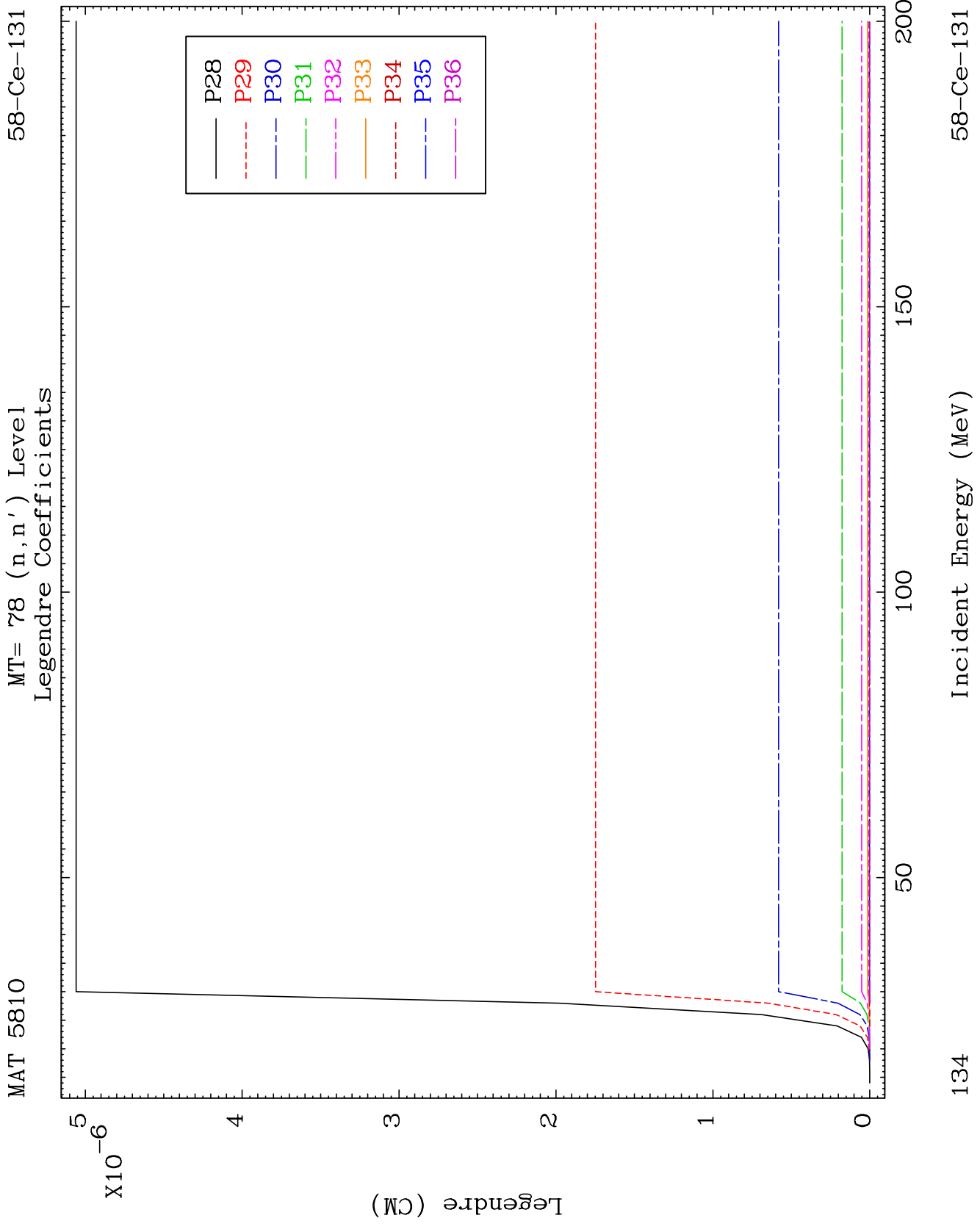
58-Ce-131







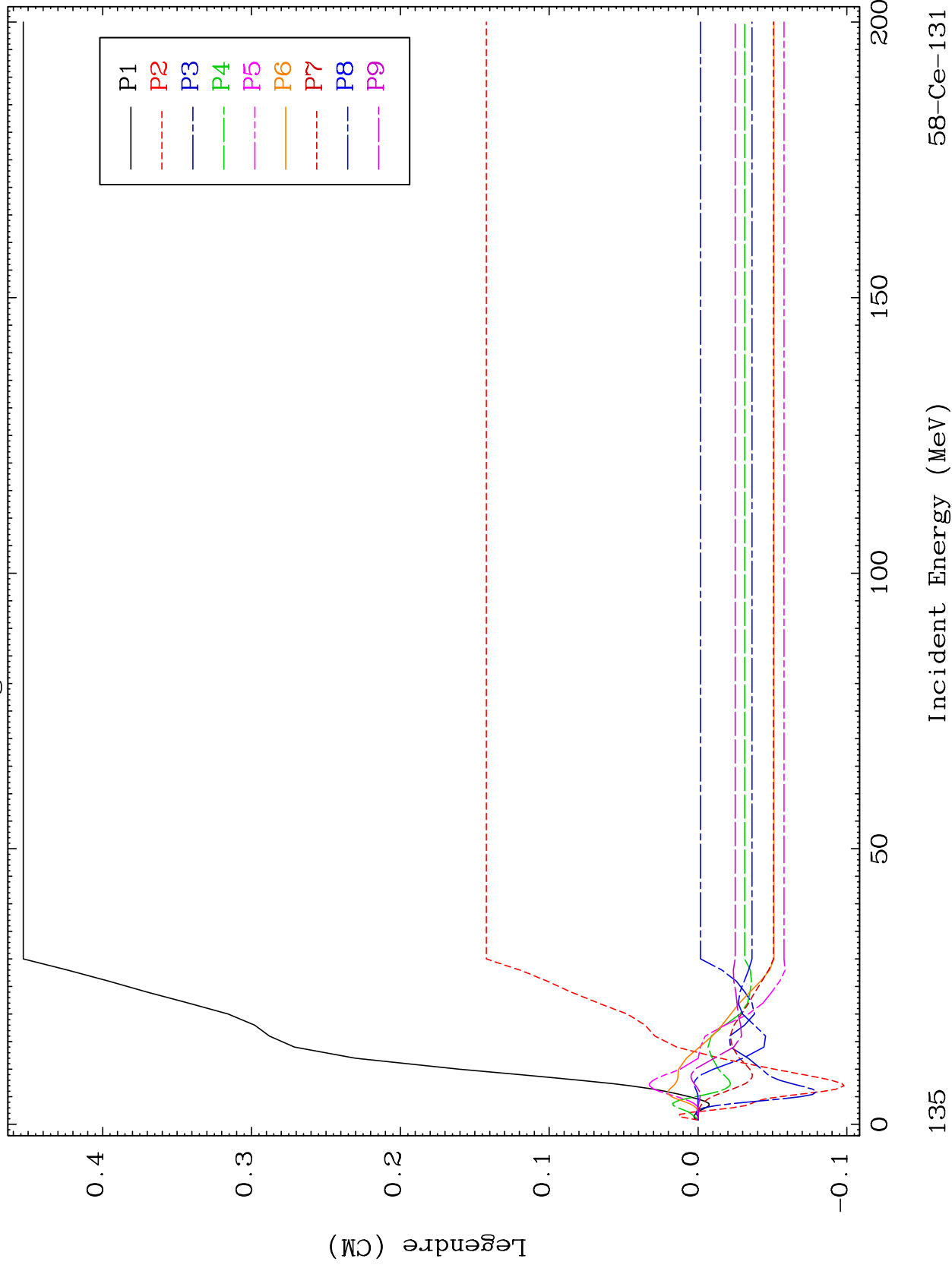




MAT 5810

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

58-Ce-131



58-Ce-131

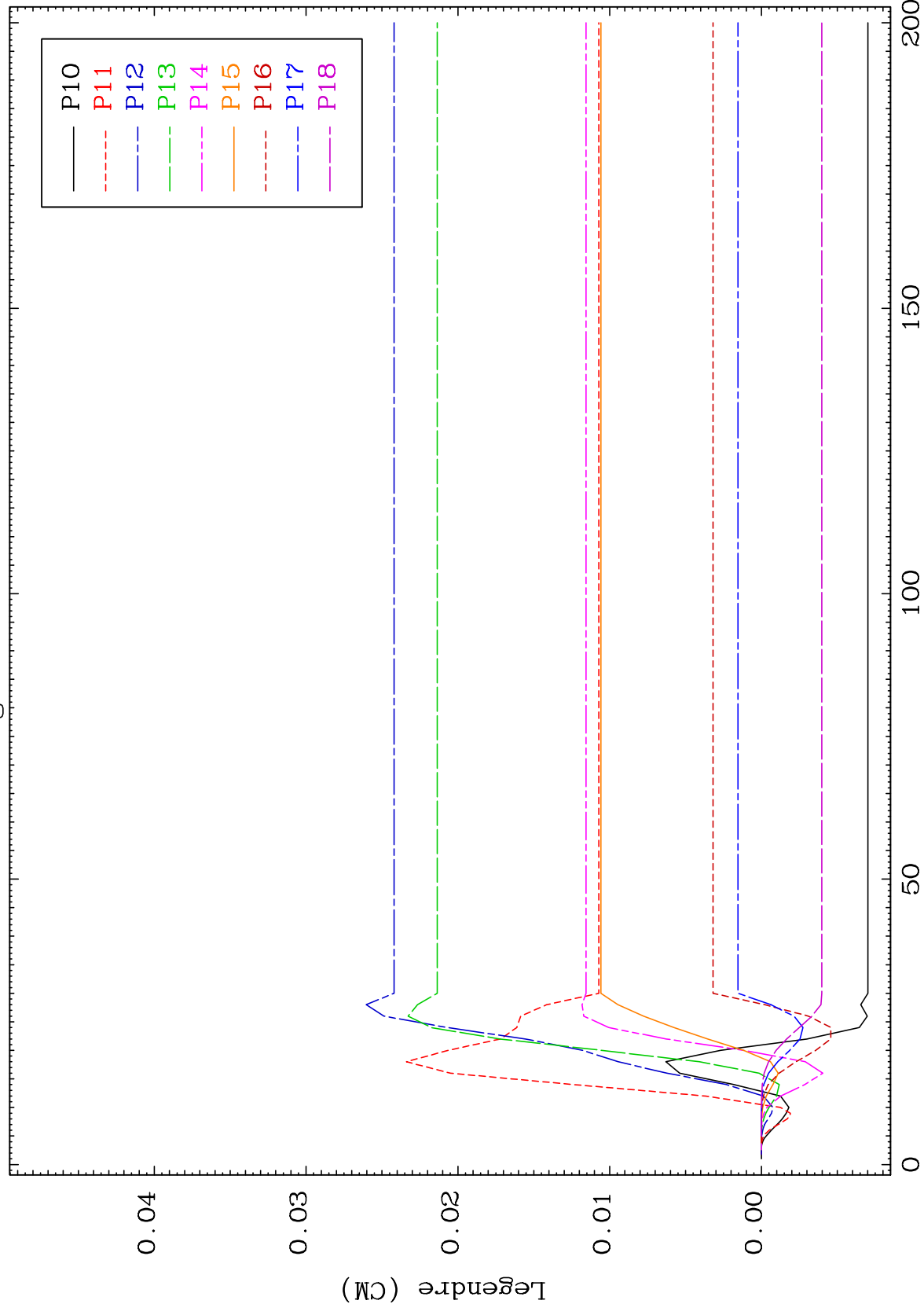
Incident Energy (MeV)

135

MAT 5810

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

58-Ce-131



136

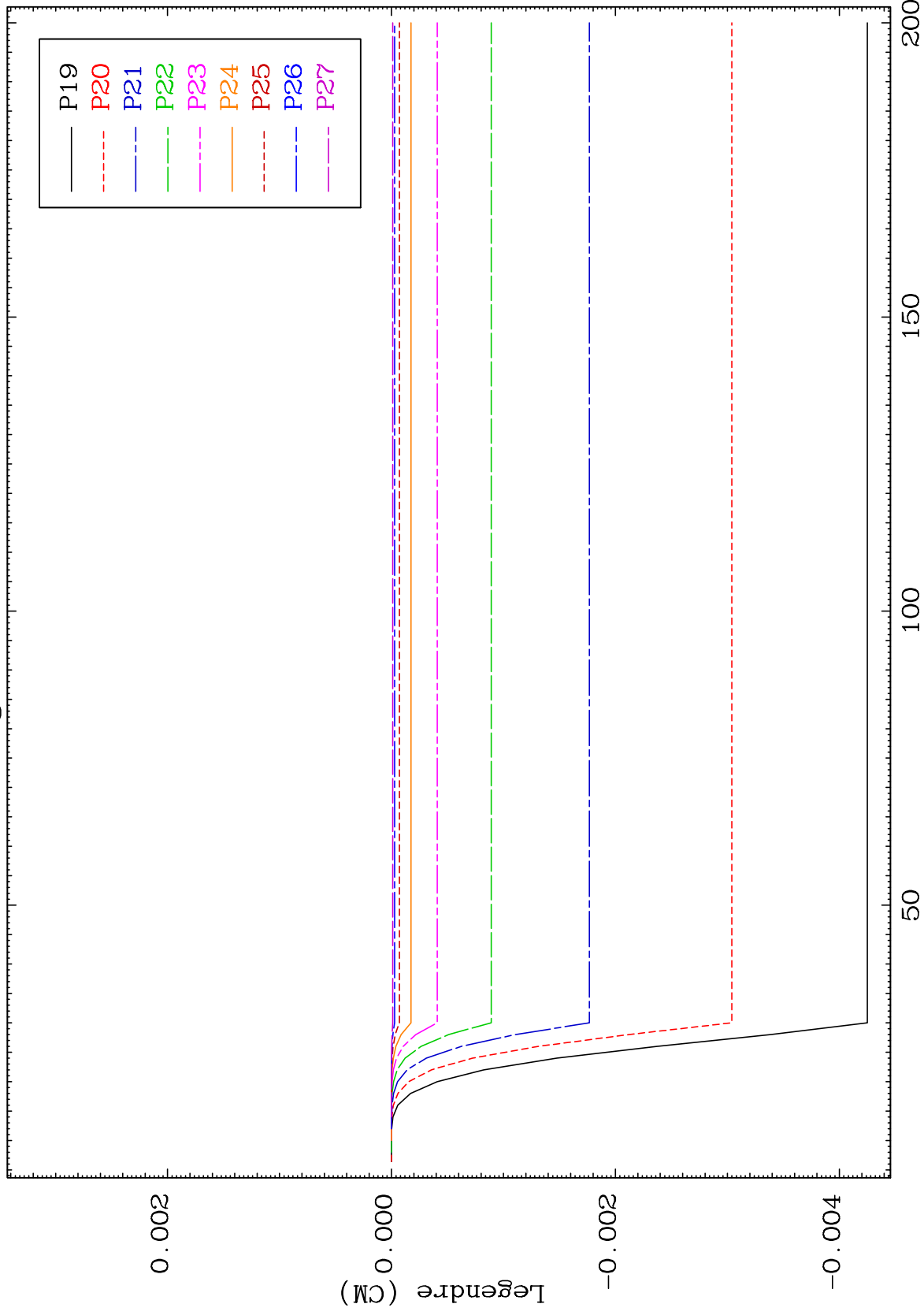
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

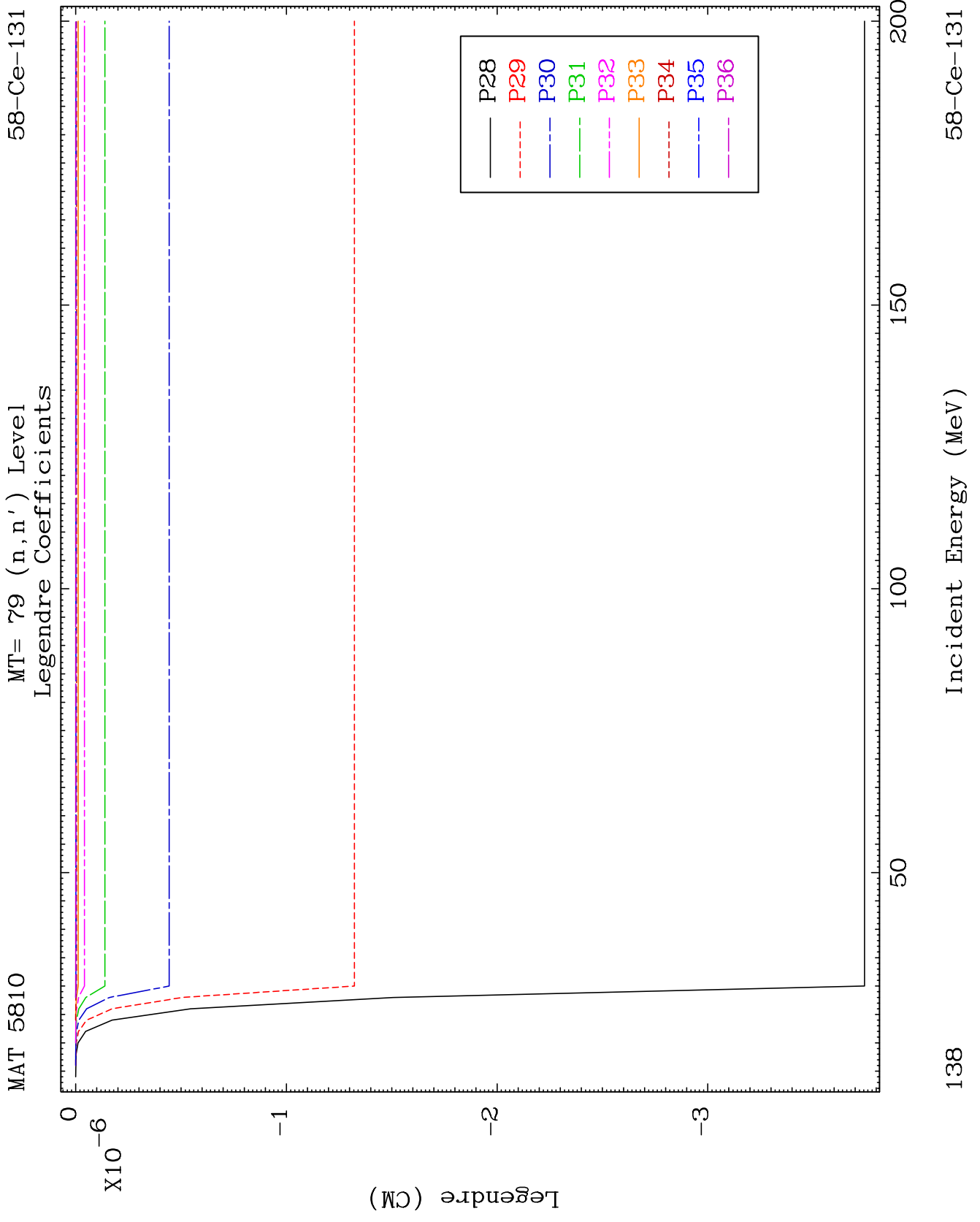
58-Ce-131



137

Incident Energy (MeV)

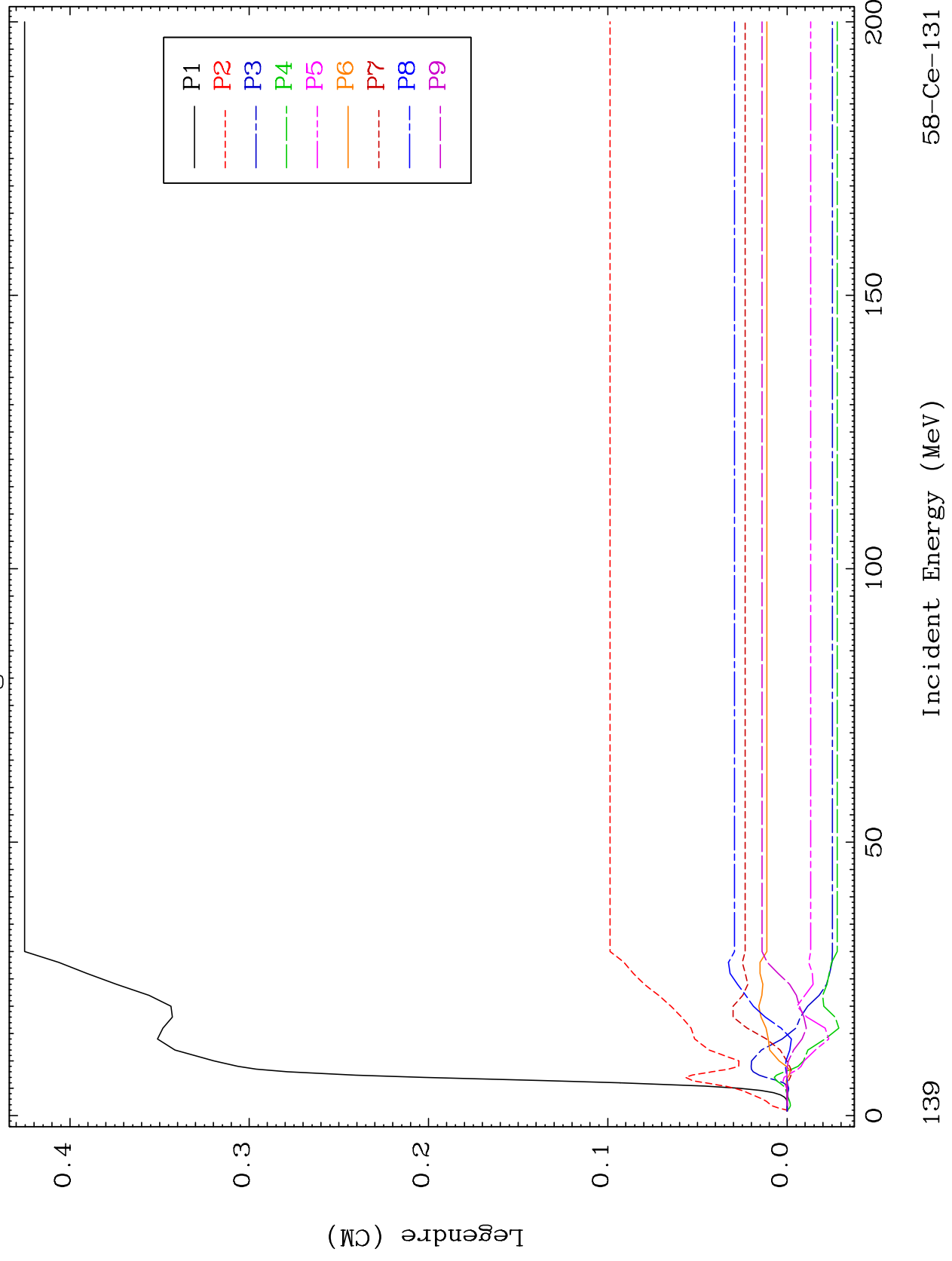
58-Ce-131



MAT 5810

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

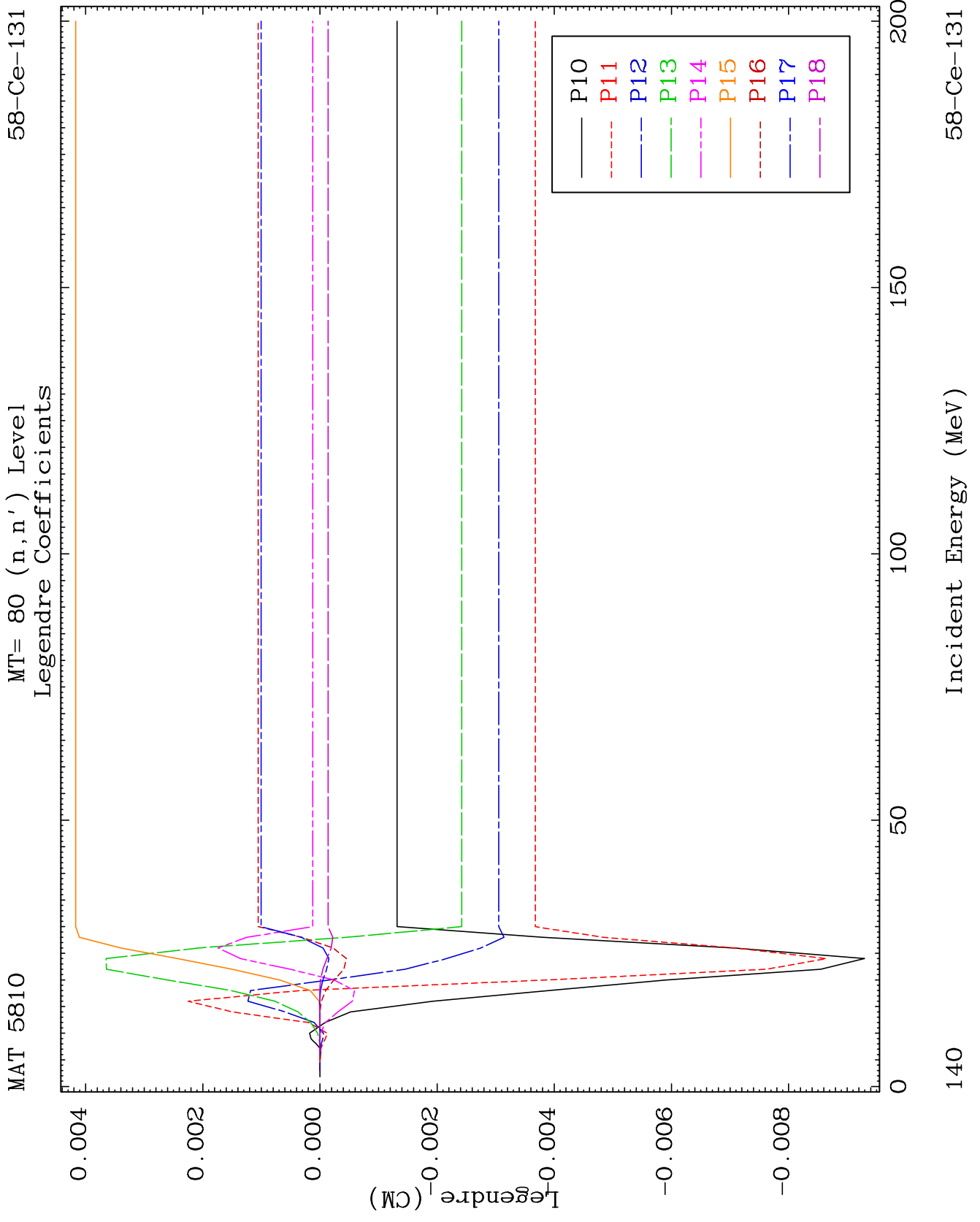
58-Ce-131

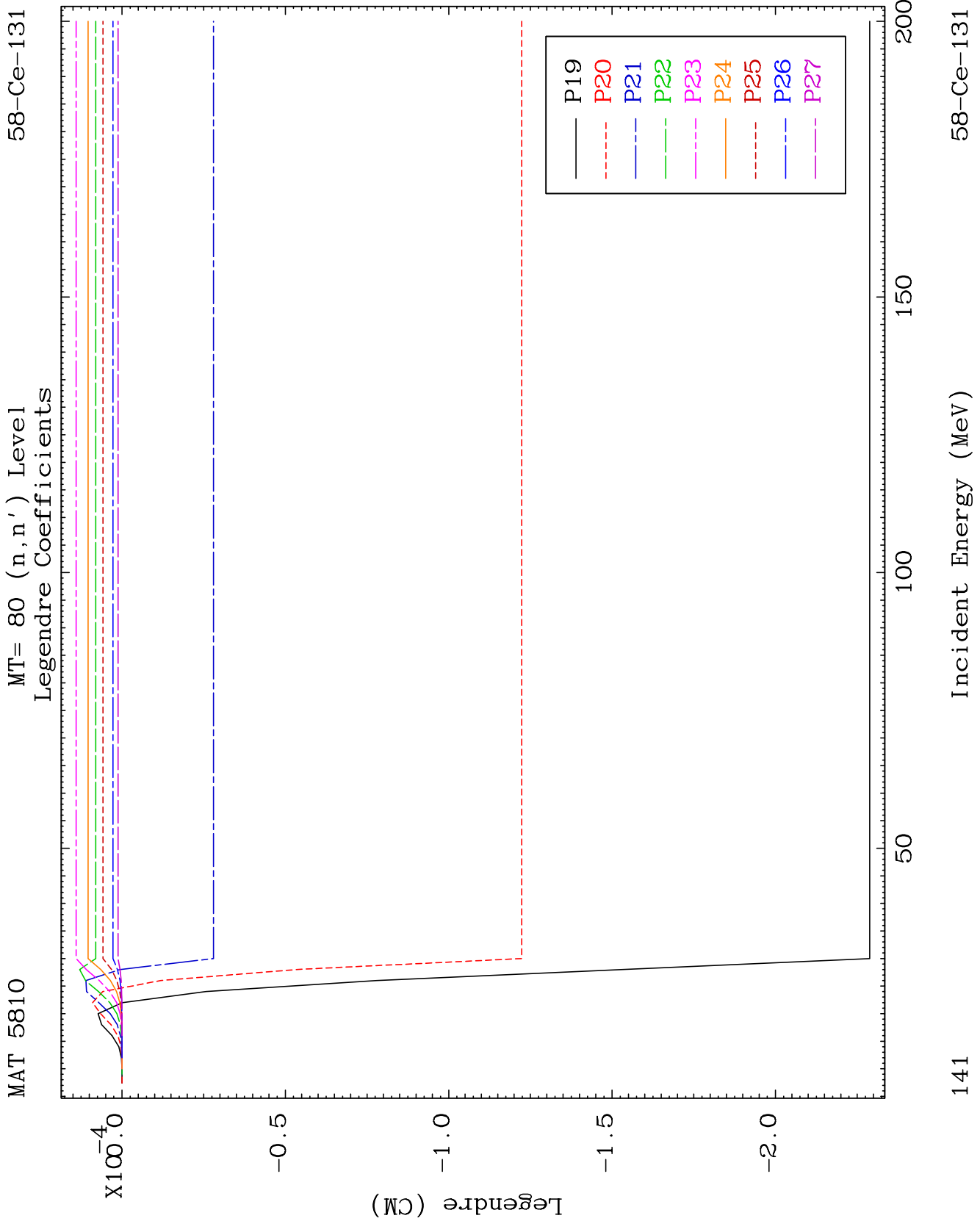


58-Ce-131

Incident Energy (MeV)

139

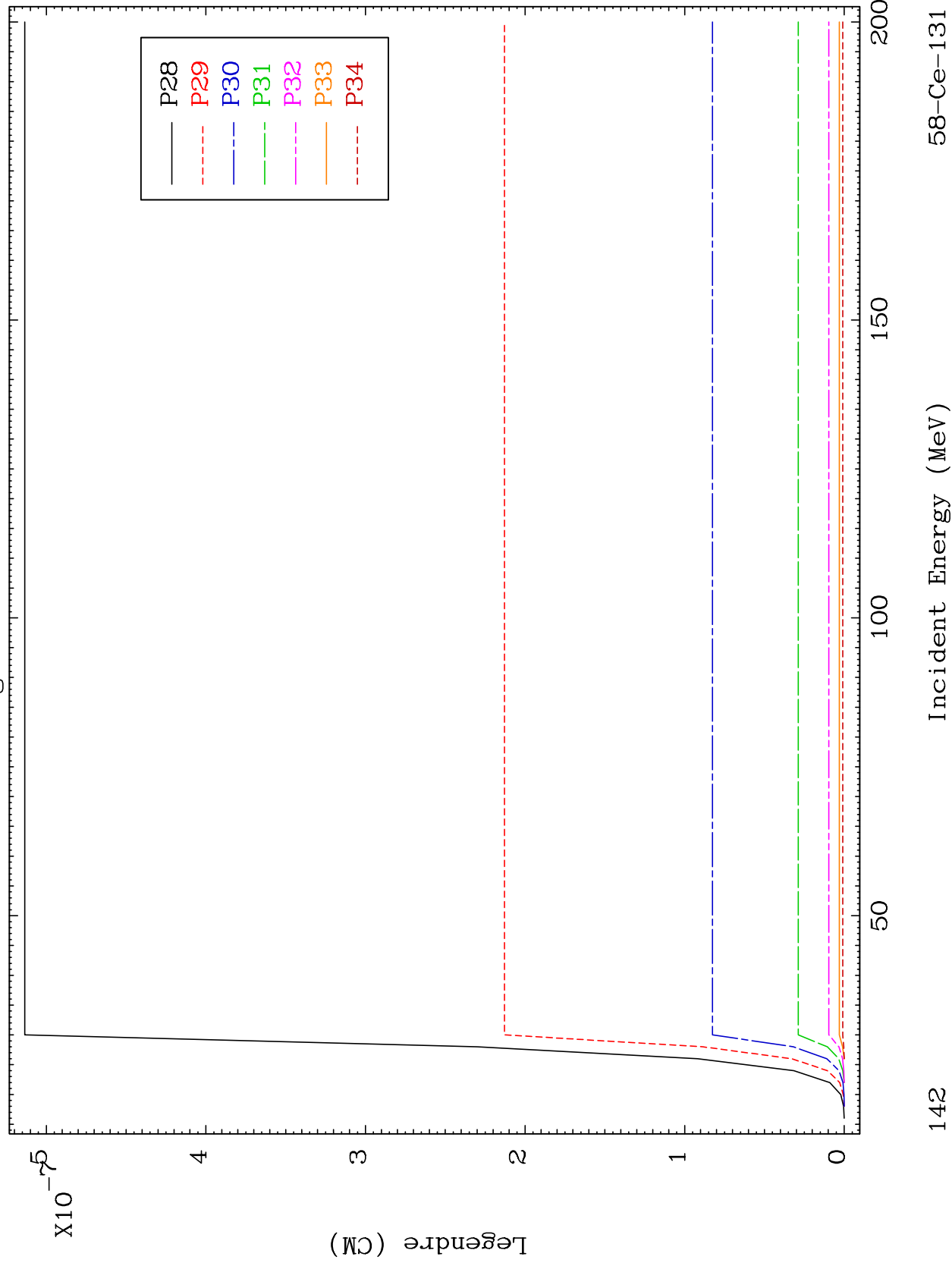




MAT 5810

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

58-Ce-131



142

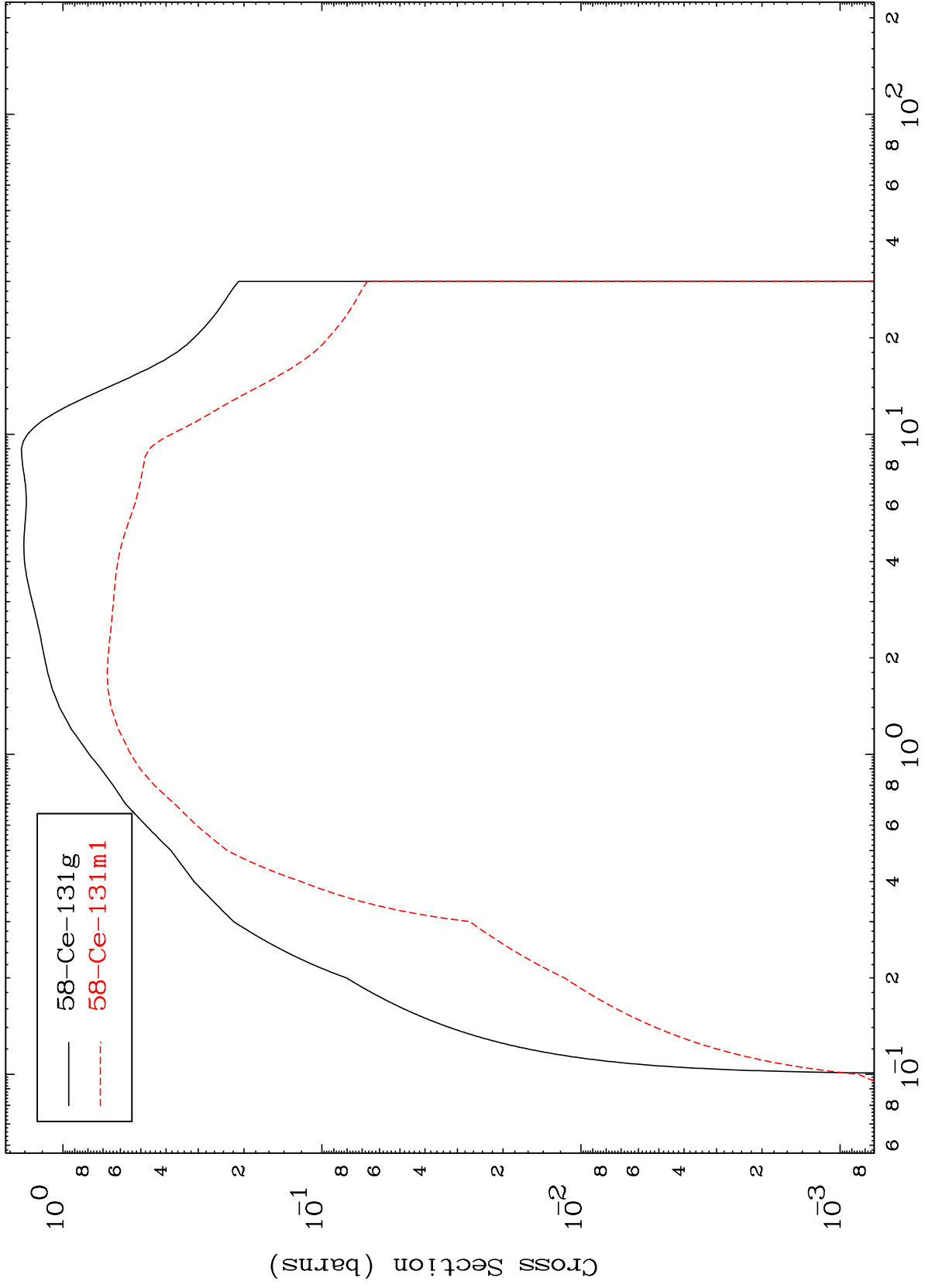
Incident Energy (MeV)

58-Ce-131

MAT 5810

58-Ce-131

Inelastic
Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

58-Ce-131

Incident Energy (MeV)

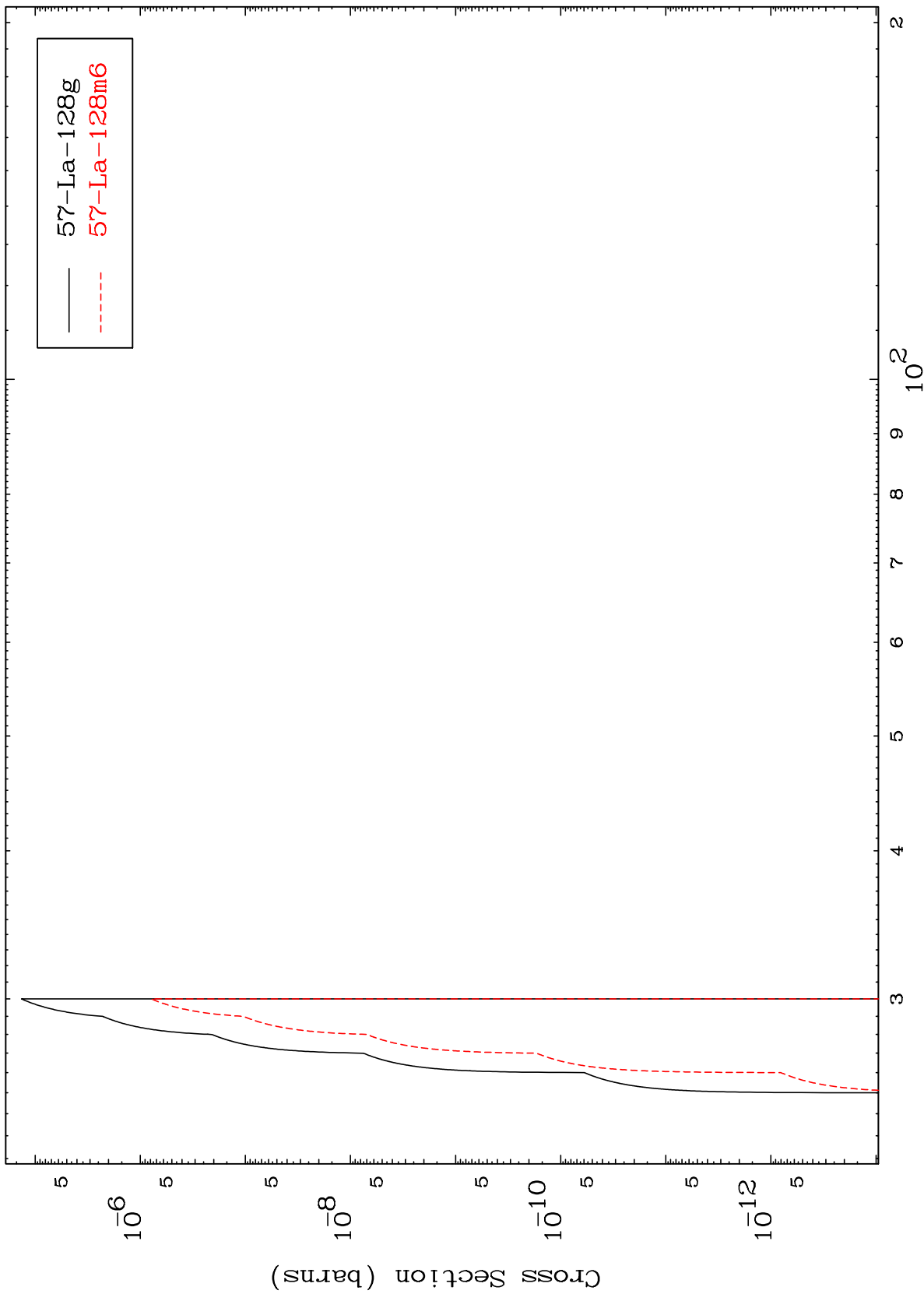
143

MAT 5810

(n,2n) d

58-Ce-131

Radionuclide Production Cross Section



144

Incident Energy (MeV)

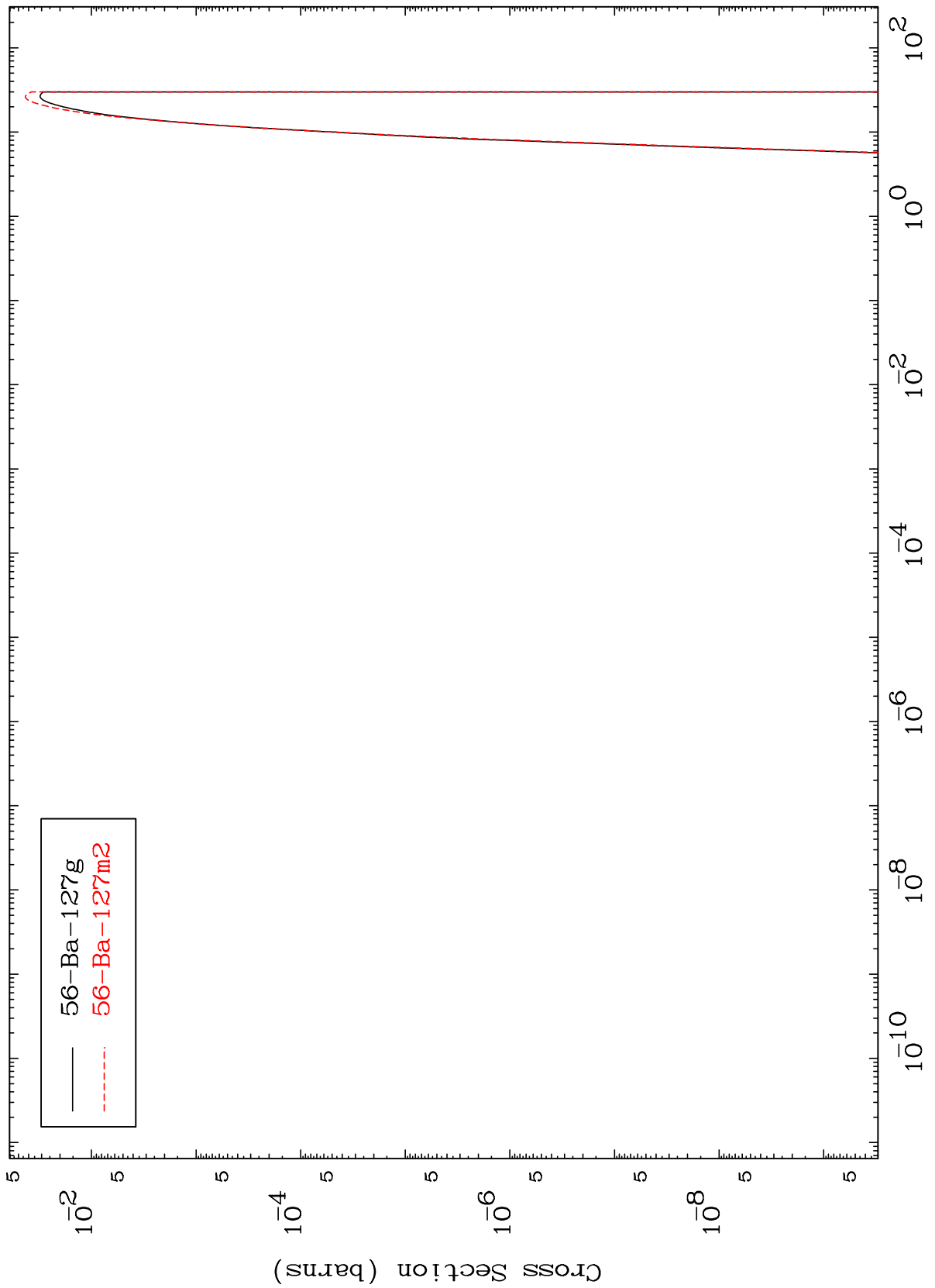
58-Ce-131

MAT 5810

(n, n') α

58-Ce-131

Radionuclide Production Cross Section



145

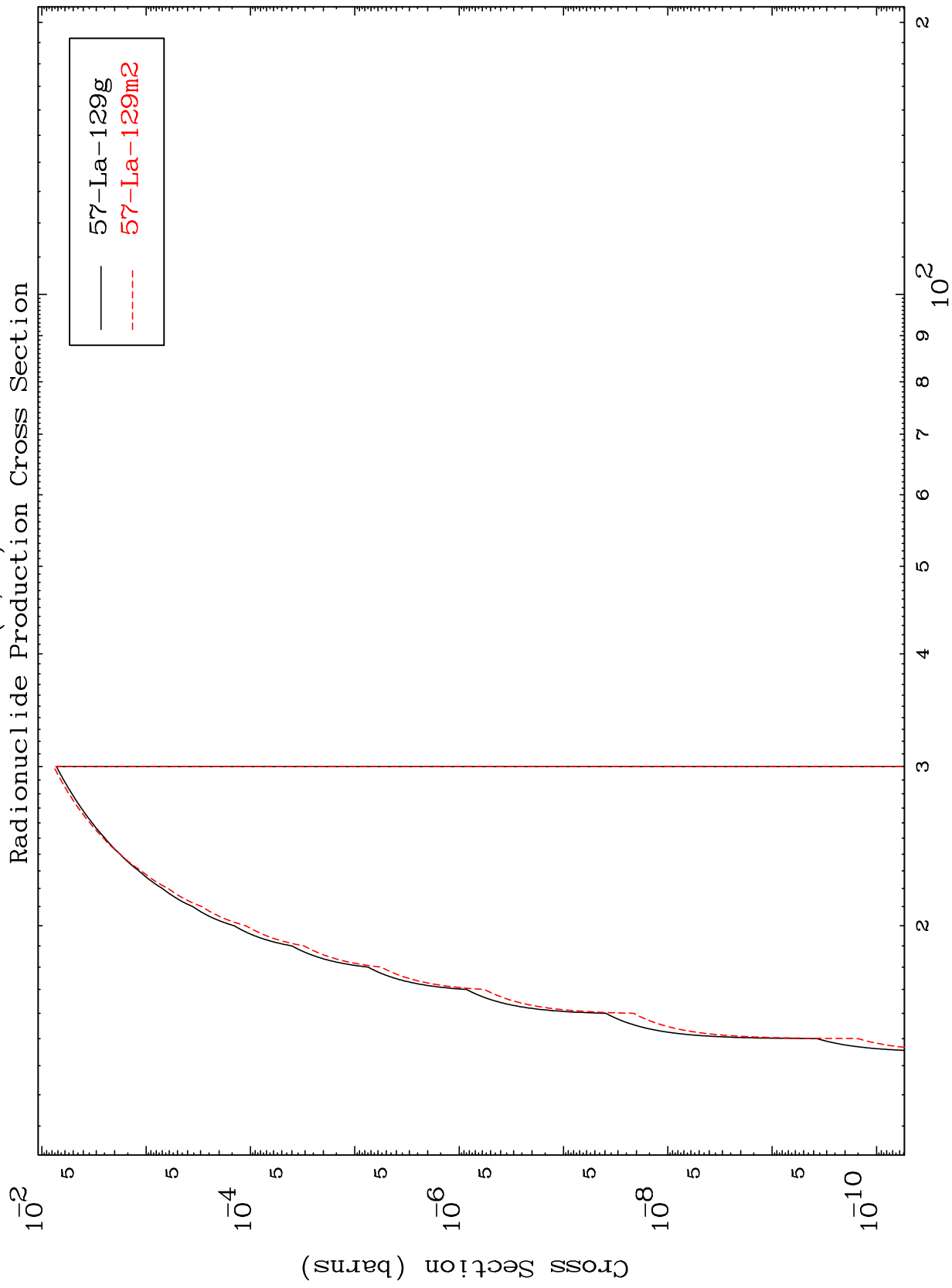
Incident Energy (MeV)

58-Ce-131

MAT 5810

(n,n') d

58-Ce-131



146

Incident Energy (MeV)

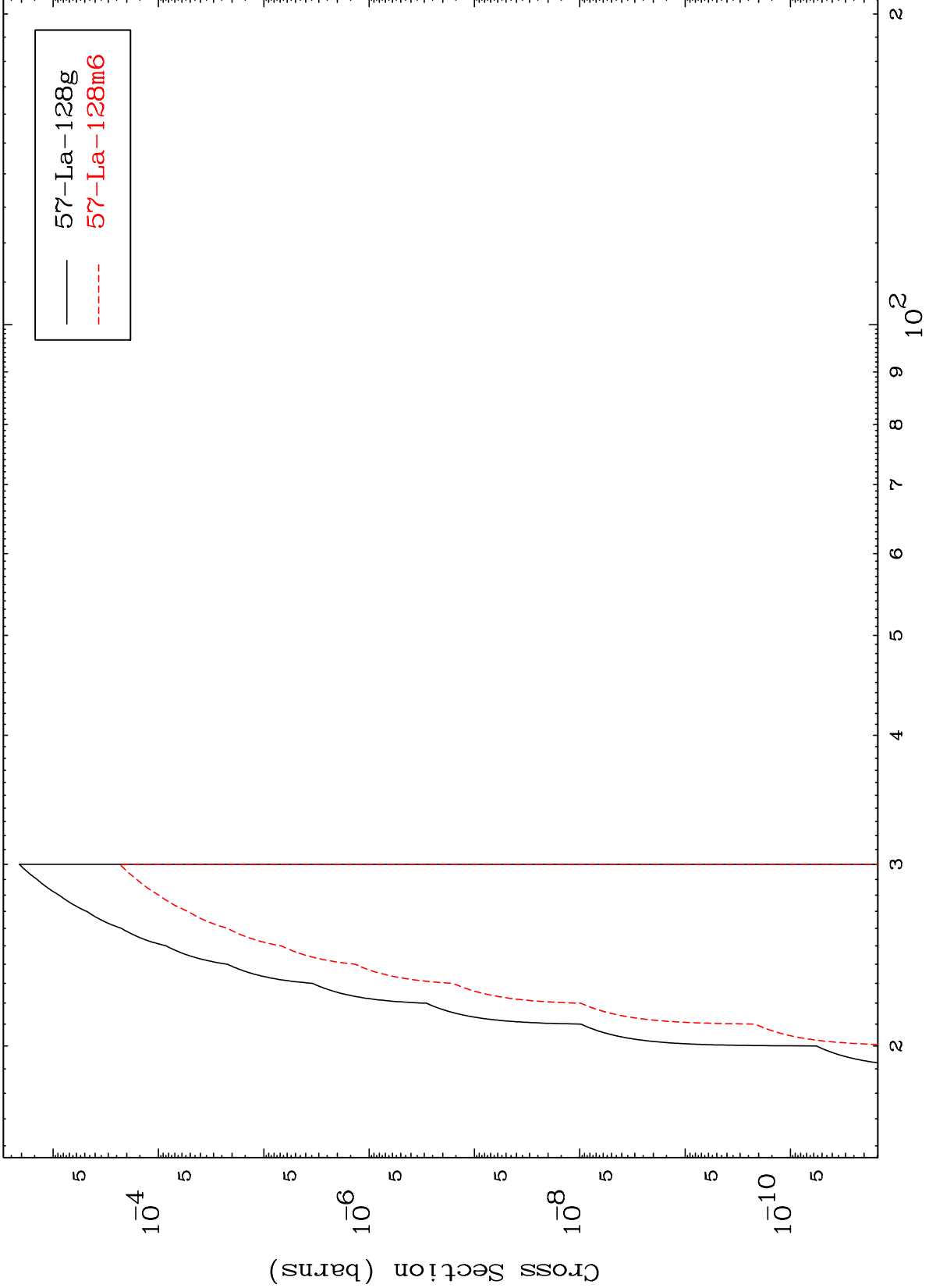
58-Ce-131

MAT 5810

(n,n') t

58-Ce-131

Radionuclide Production Cross Section



147

Incident Energy (MeV)

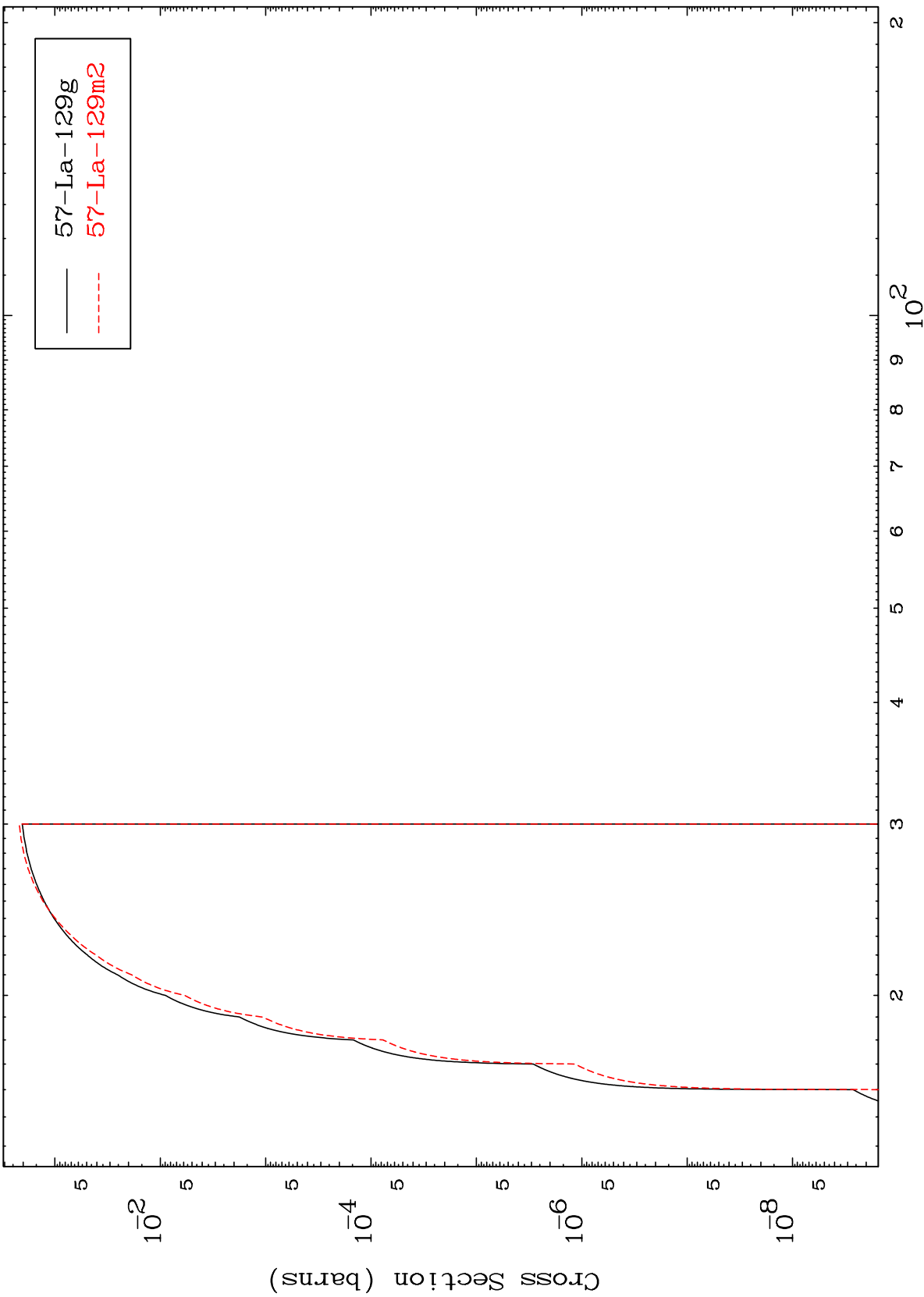
58-Ce-131

MAT 5810

(n,2n) p

58-Ce-131

Radionuclide Production Cross Section

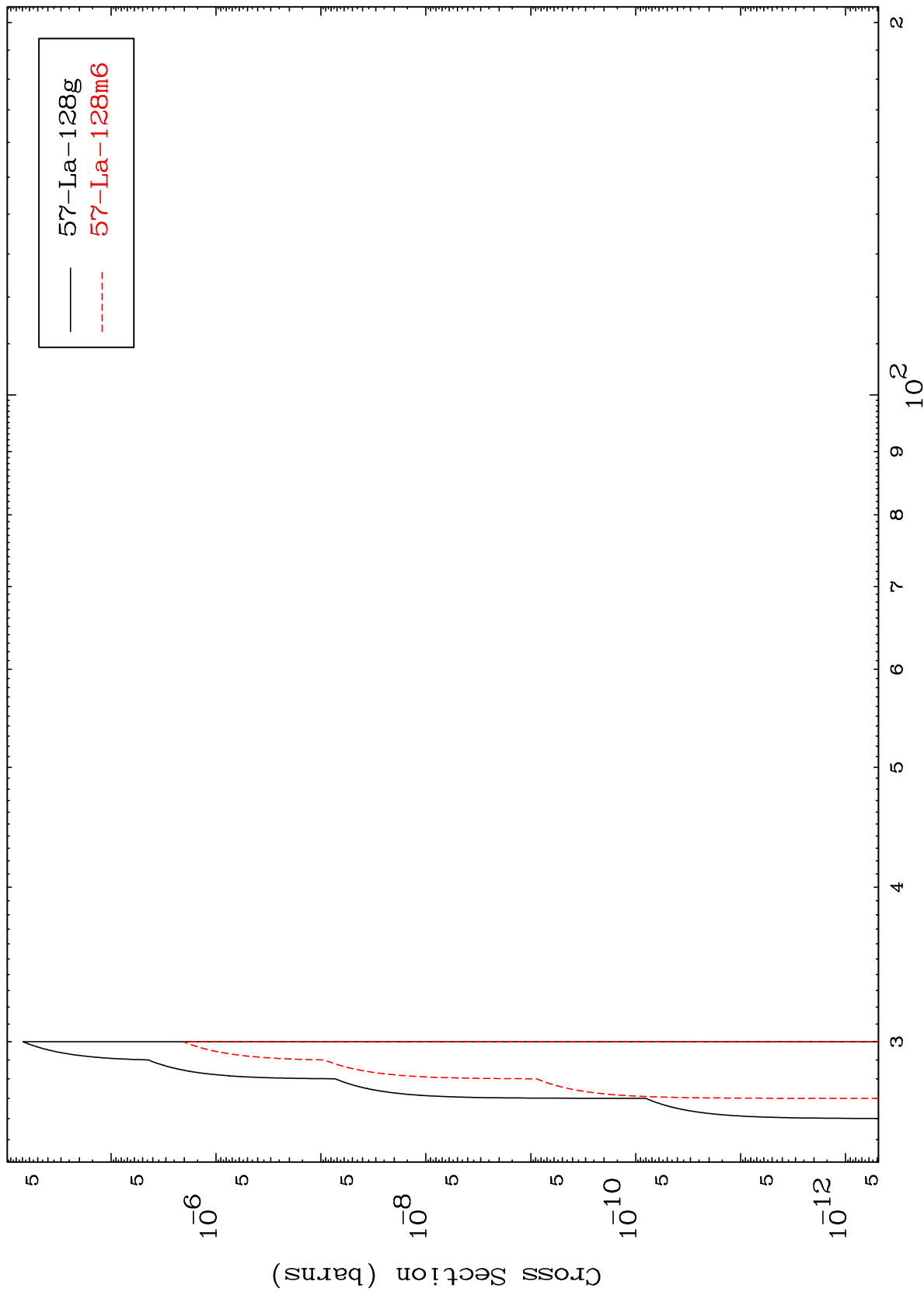


148

Incident Energy (MeV)

58-Ce-131

Radionuclide Production Cross Section

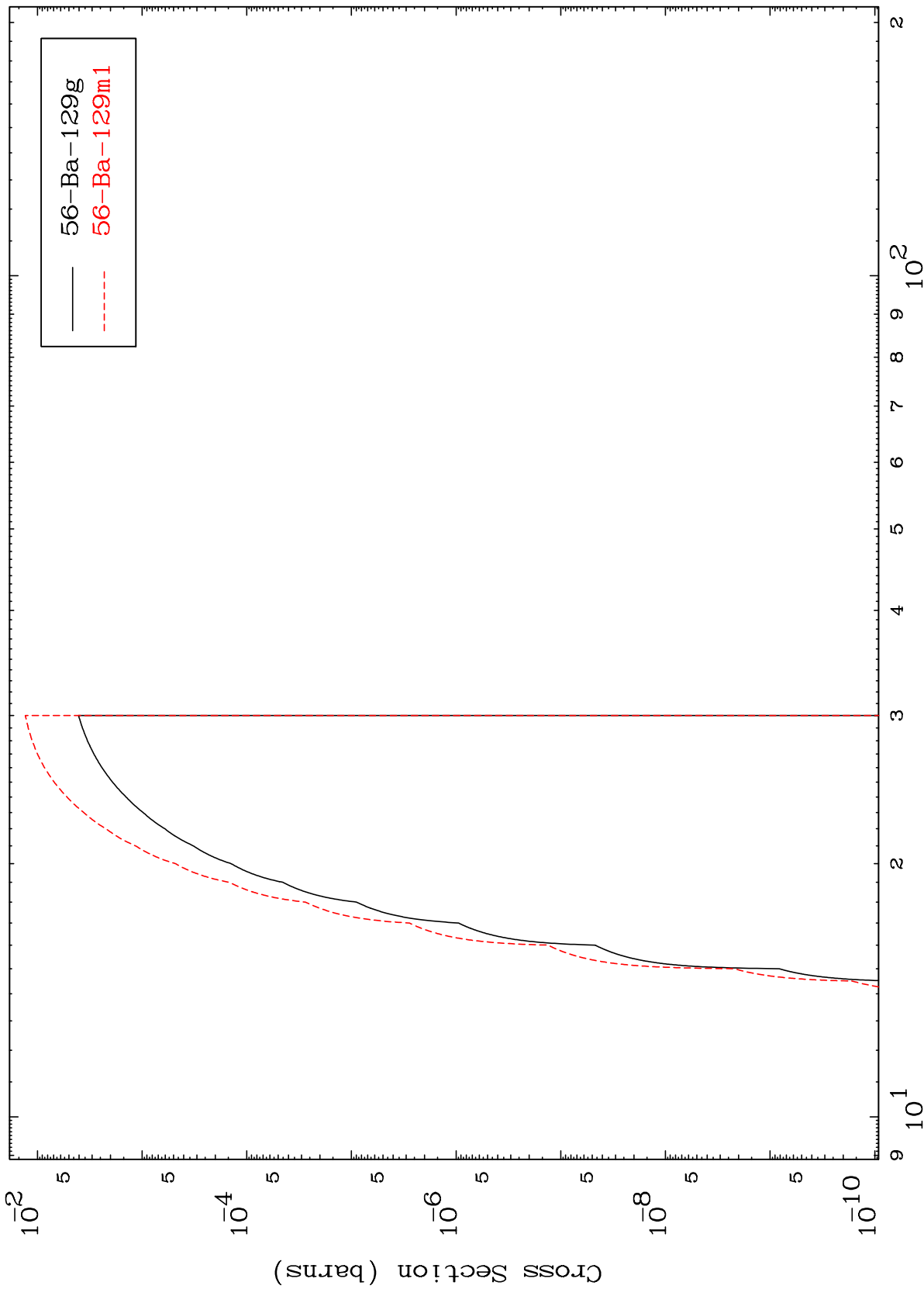


MAT 5810

58-Ce-131

(n,2n) p

Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1

58-Ce-131

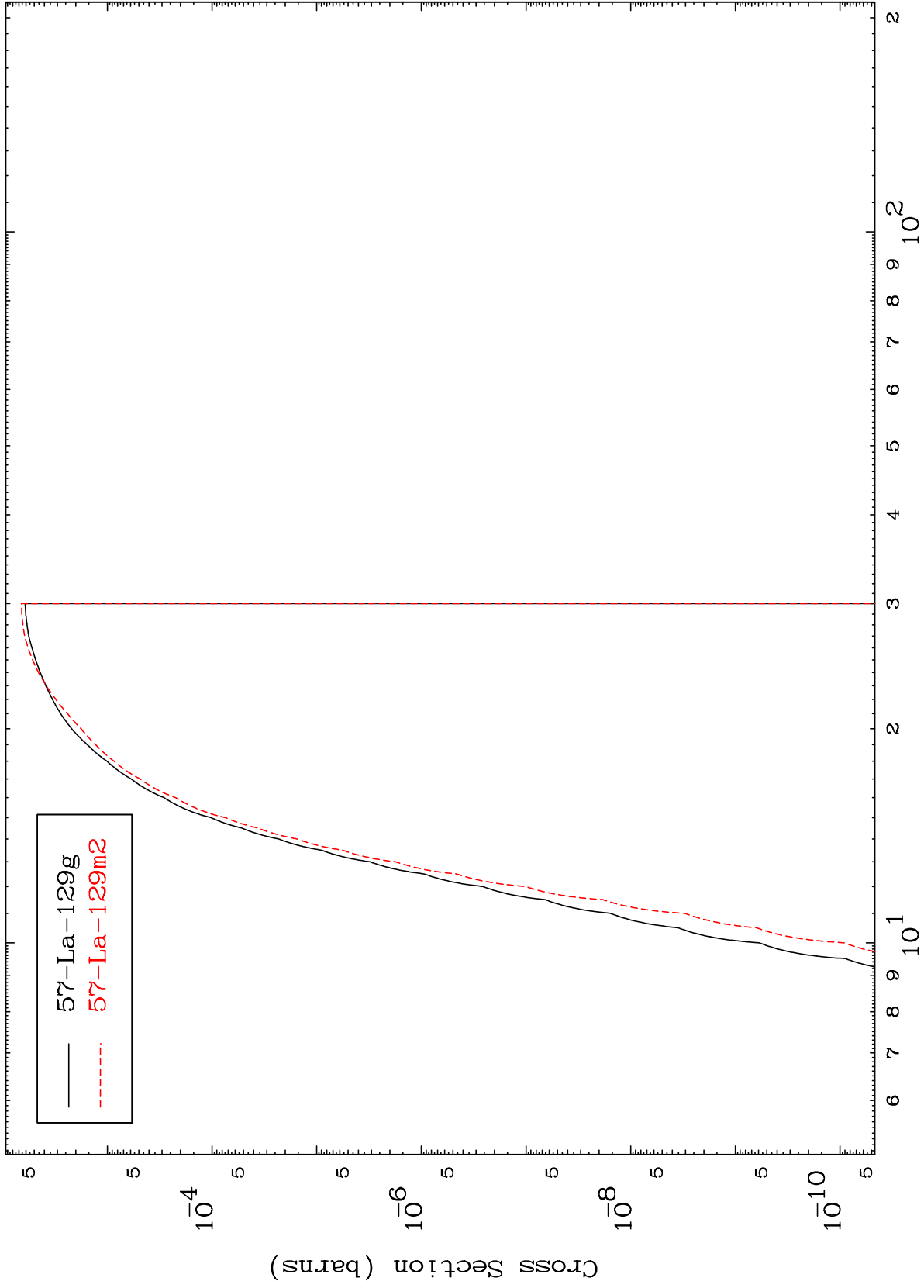
Incident Energy (MeV)

150

MAT 5810

58-Ce-131

(n, t)
Radionuclide Production Cross Section



151

Incident Energy (MeV)

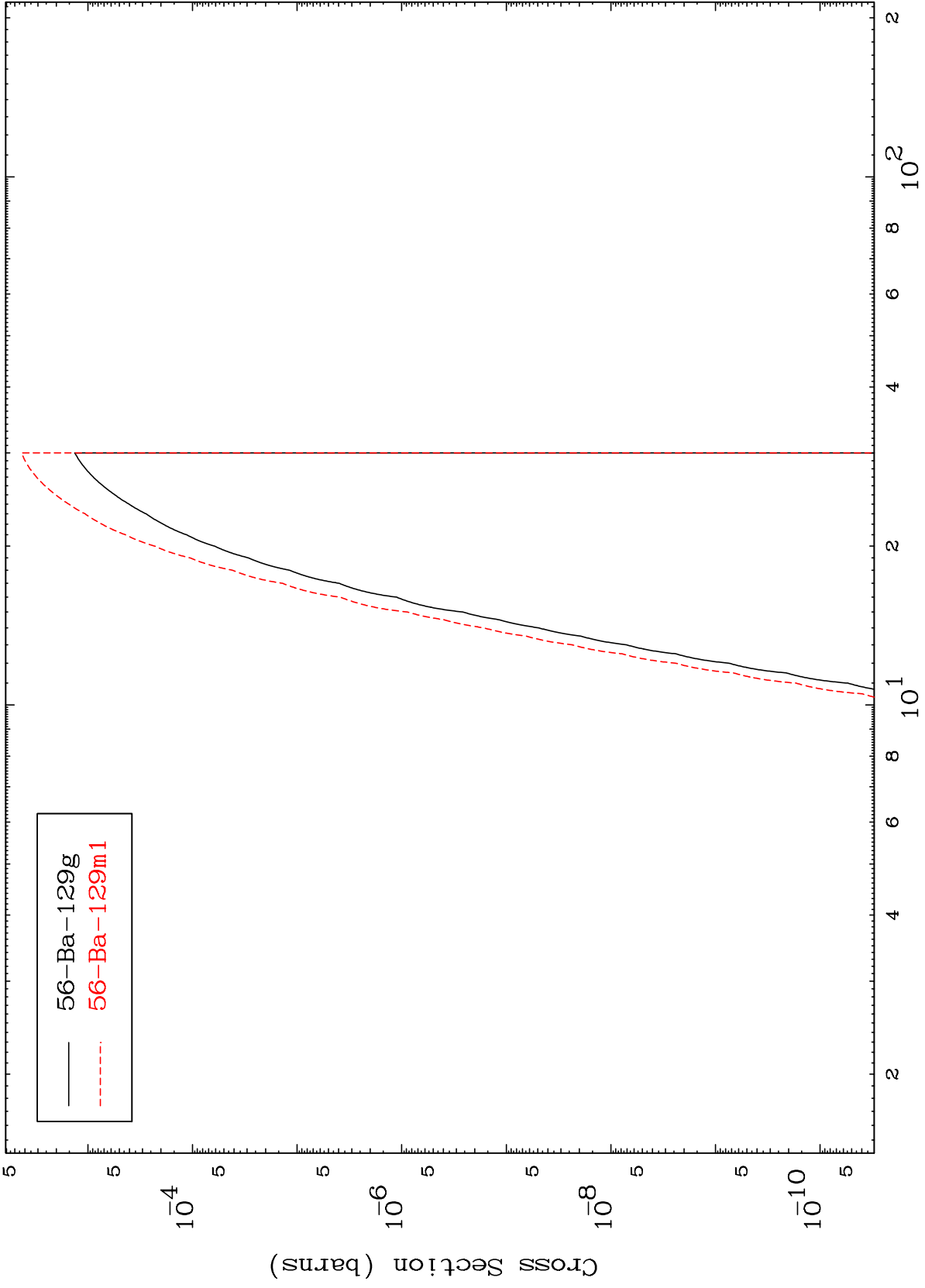
58-Ce-131

MAT 5810

(n,He-3)

58-Ce-131

Radionuclide Production Cross Section



56-Ba-129g
56-Ba-129m1

152

Incident Energy (MeV)

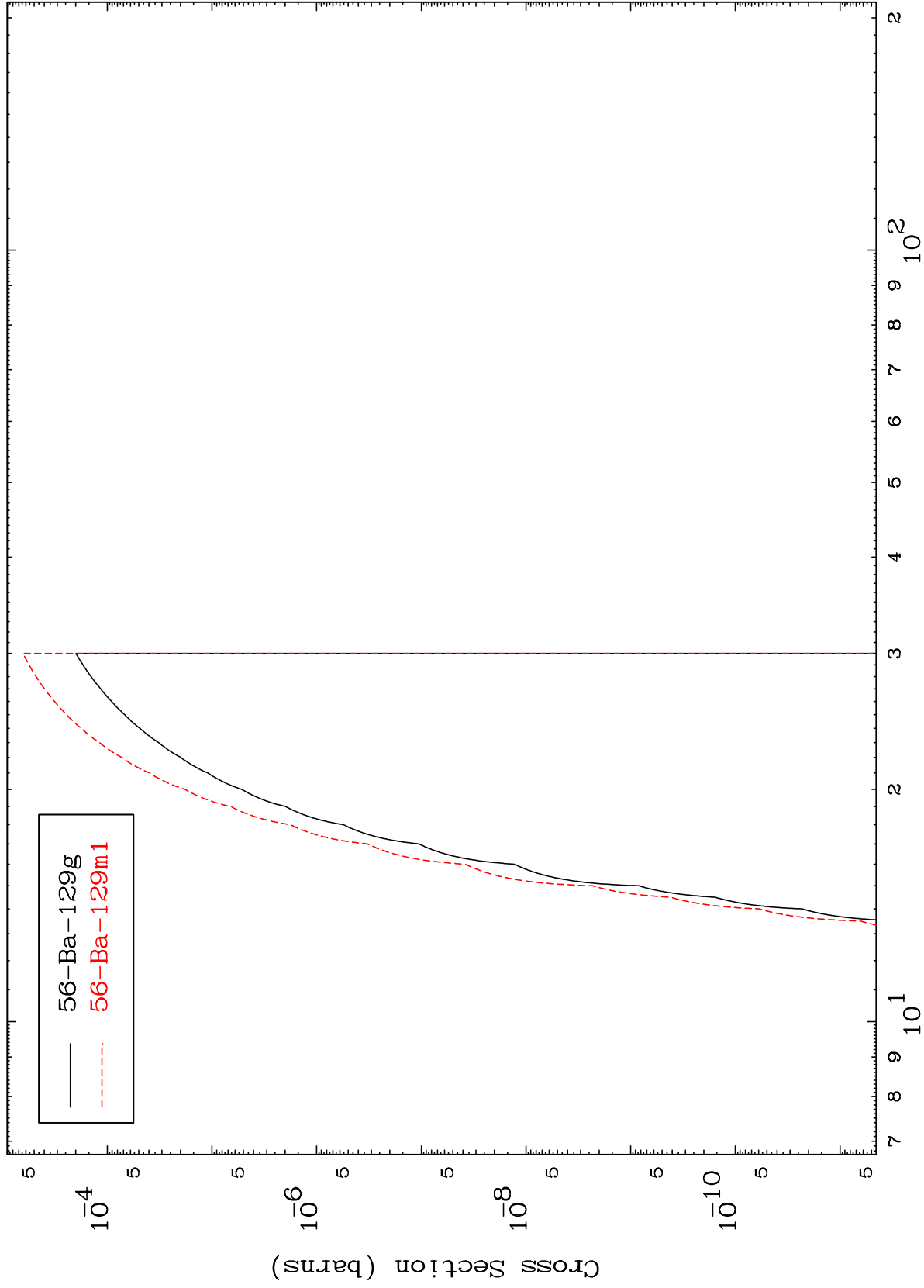
58-Ce-131

MAT 5810

(n,p) d

58-Ce-131

Radionuclide Production Cross Section



153

Incident Energy (MeV)

58-Ce-131