

Program EVALPLOT
(Version 2021-1)

by

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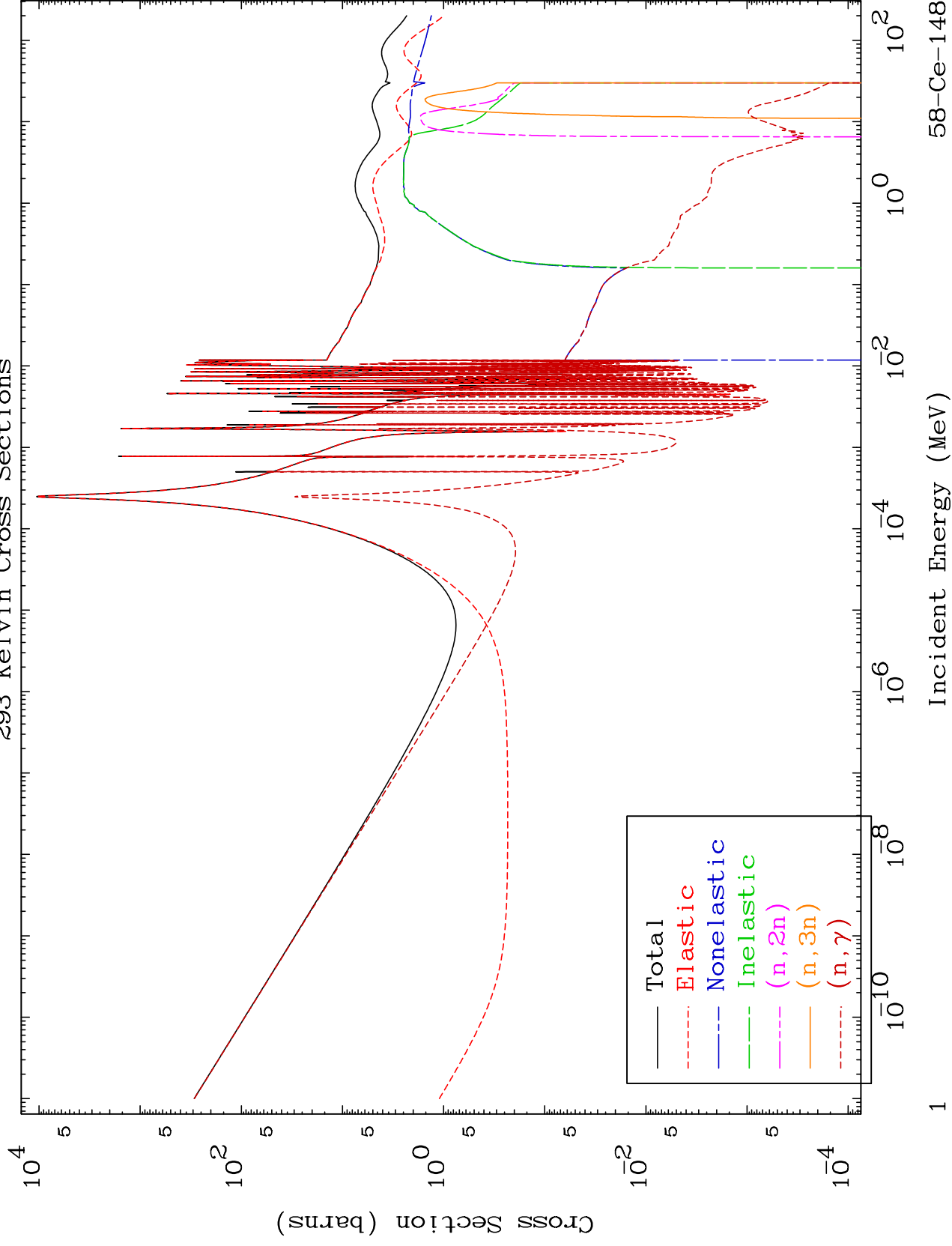
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5861

Neutron Major
293 Kelvin Cross Sections

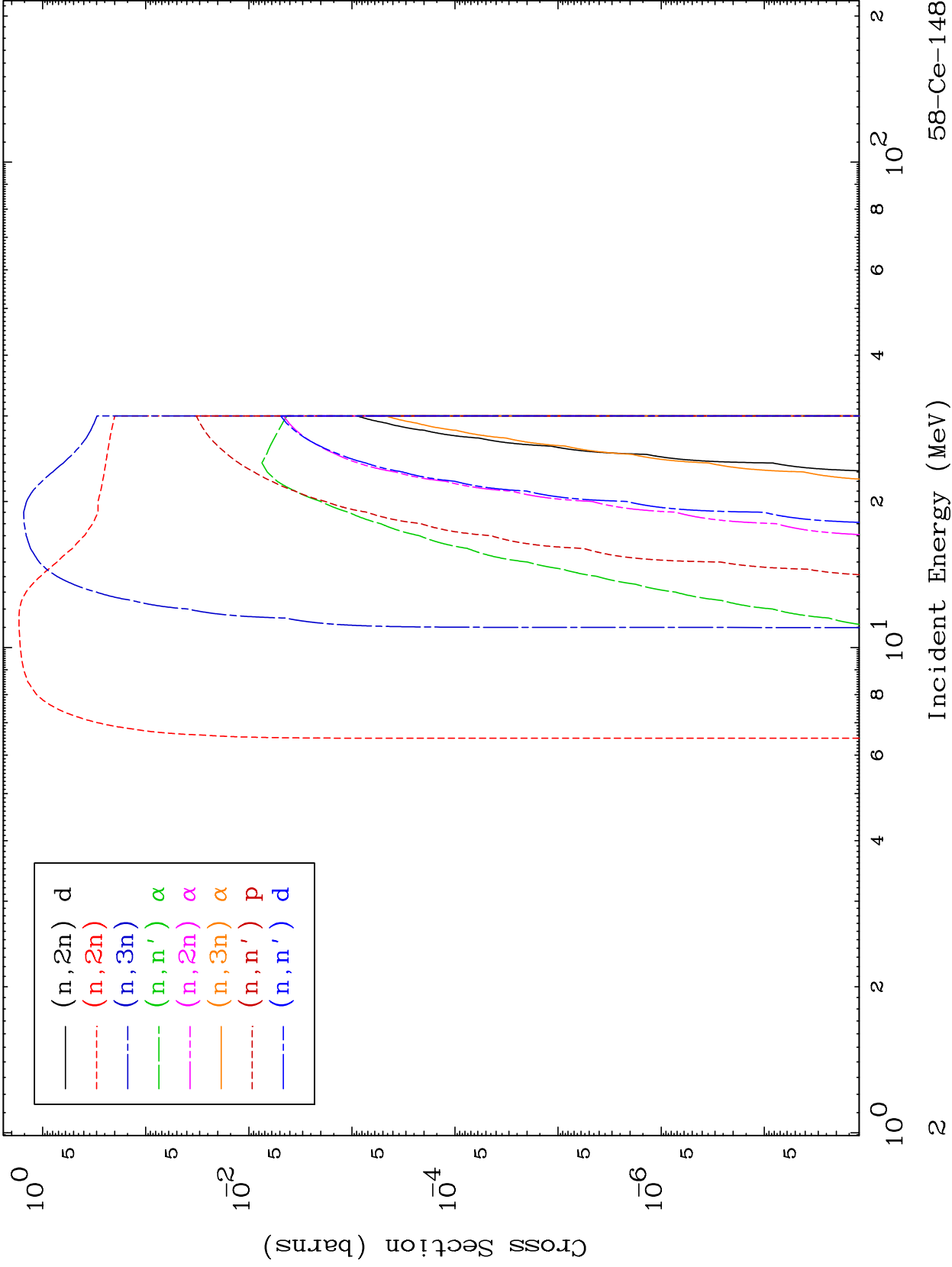
58-Ce-148



MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

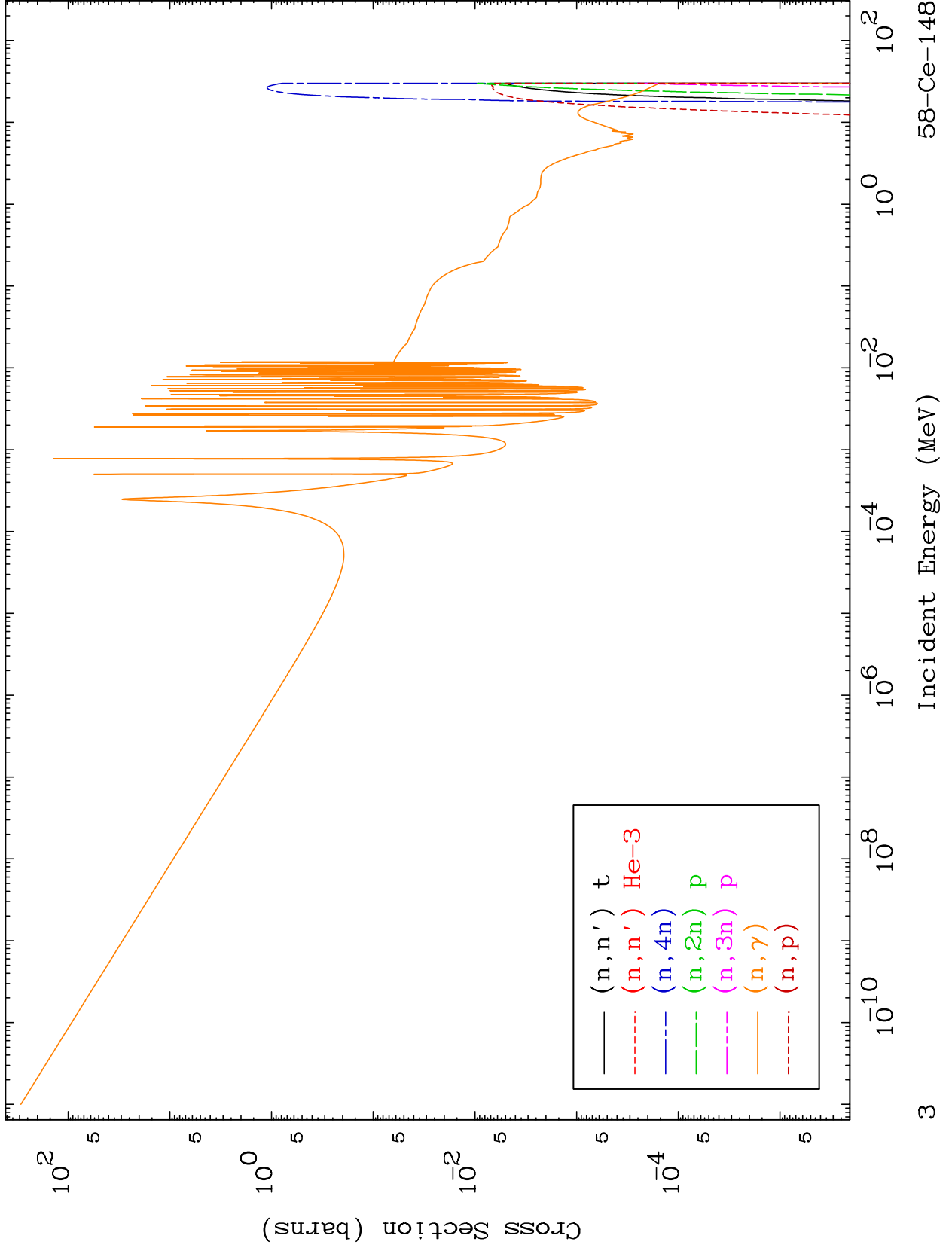
58-Ce-148



MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

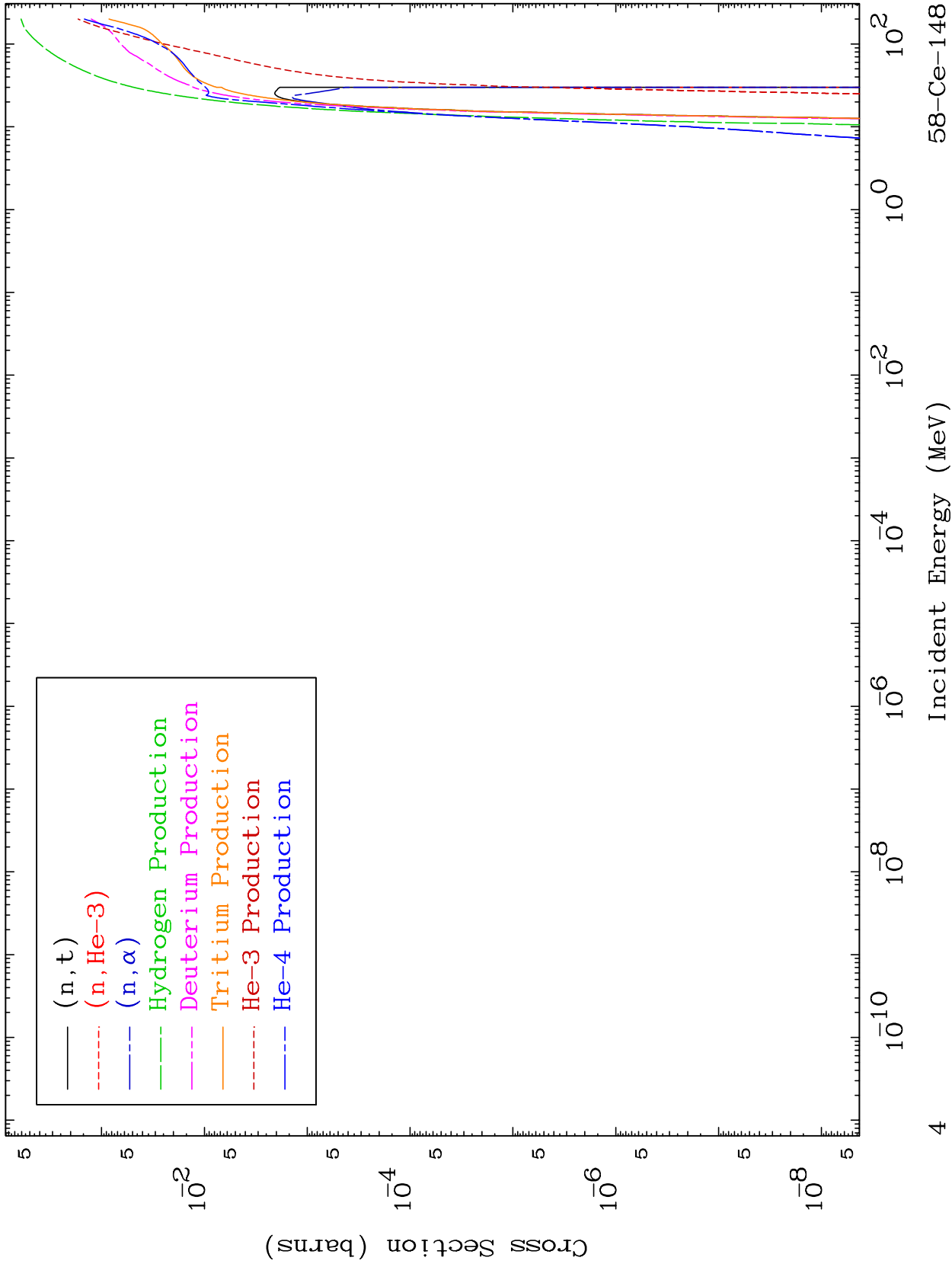
58-Ce-148



MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

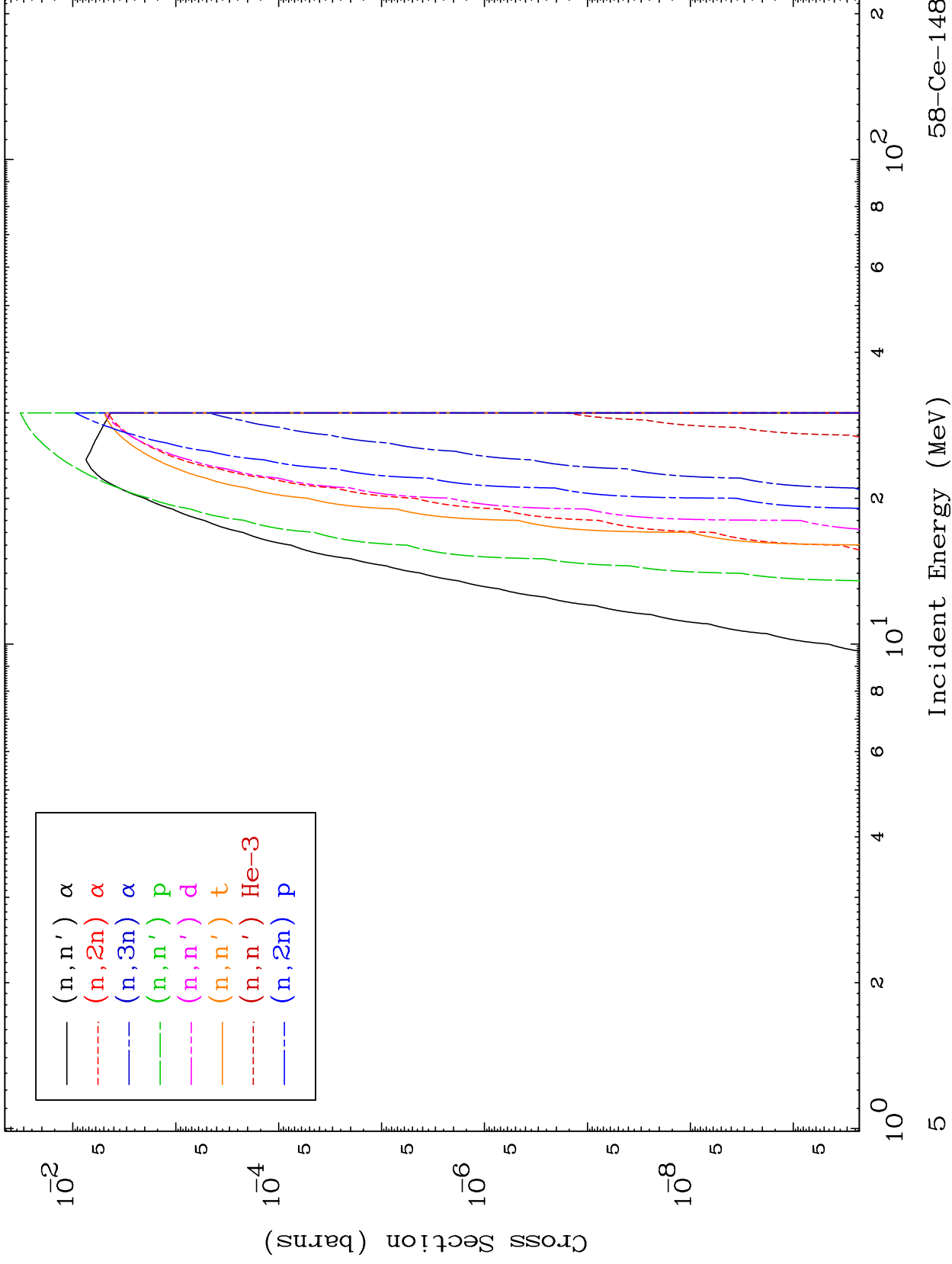
58-Ce-148



MAT 5861

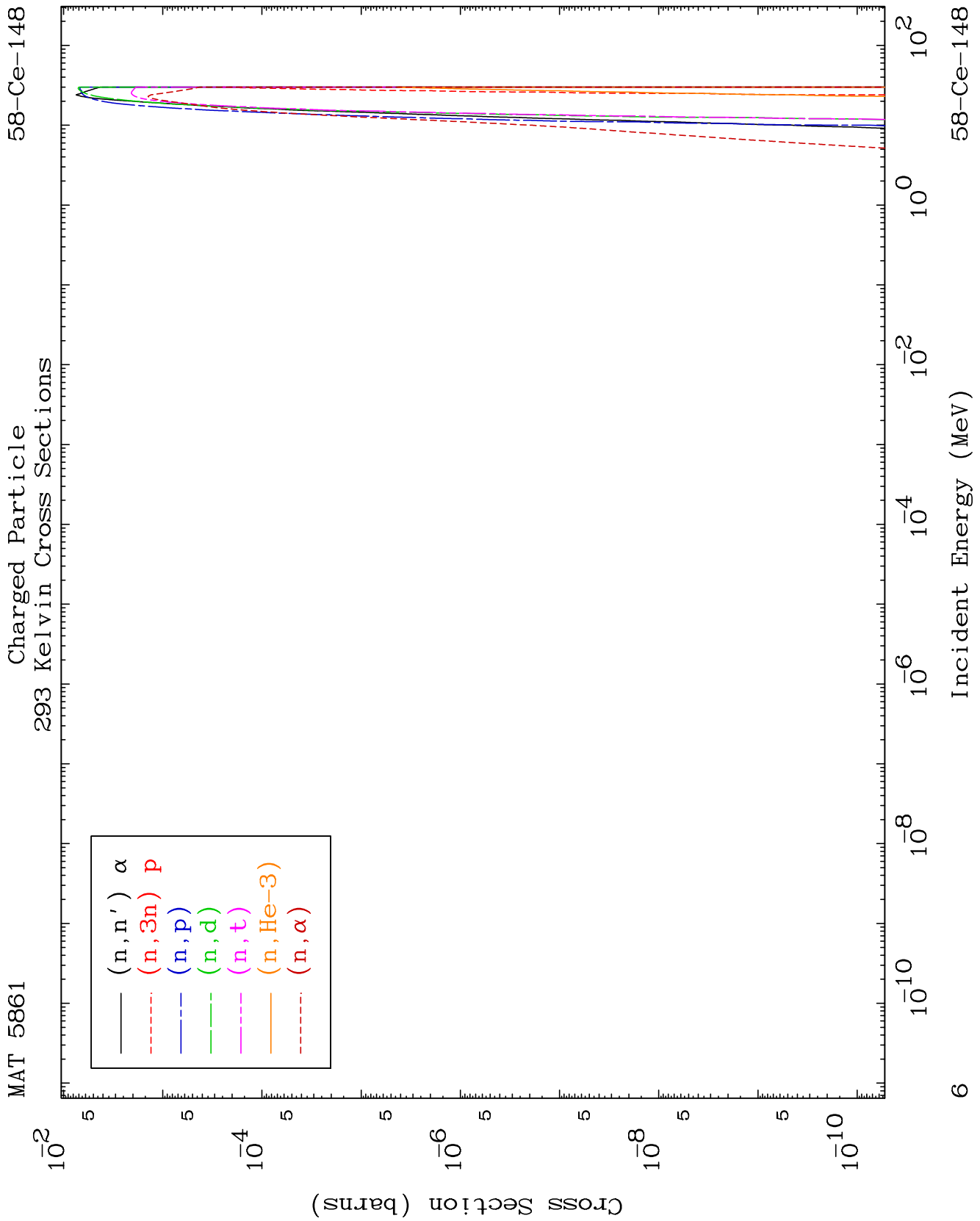
Charged Particle
293 Kelvin Cross Sections

58-Ce-148



58-Ce-148

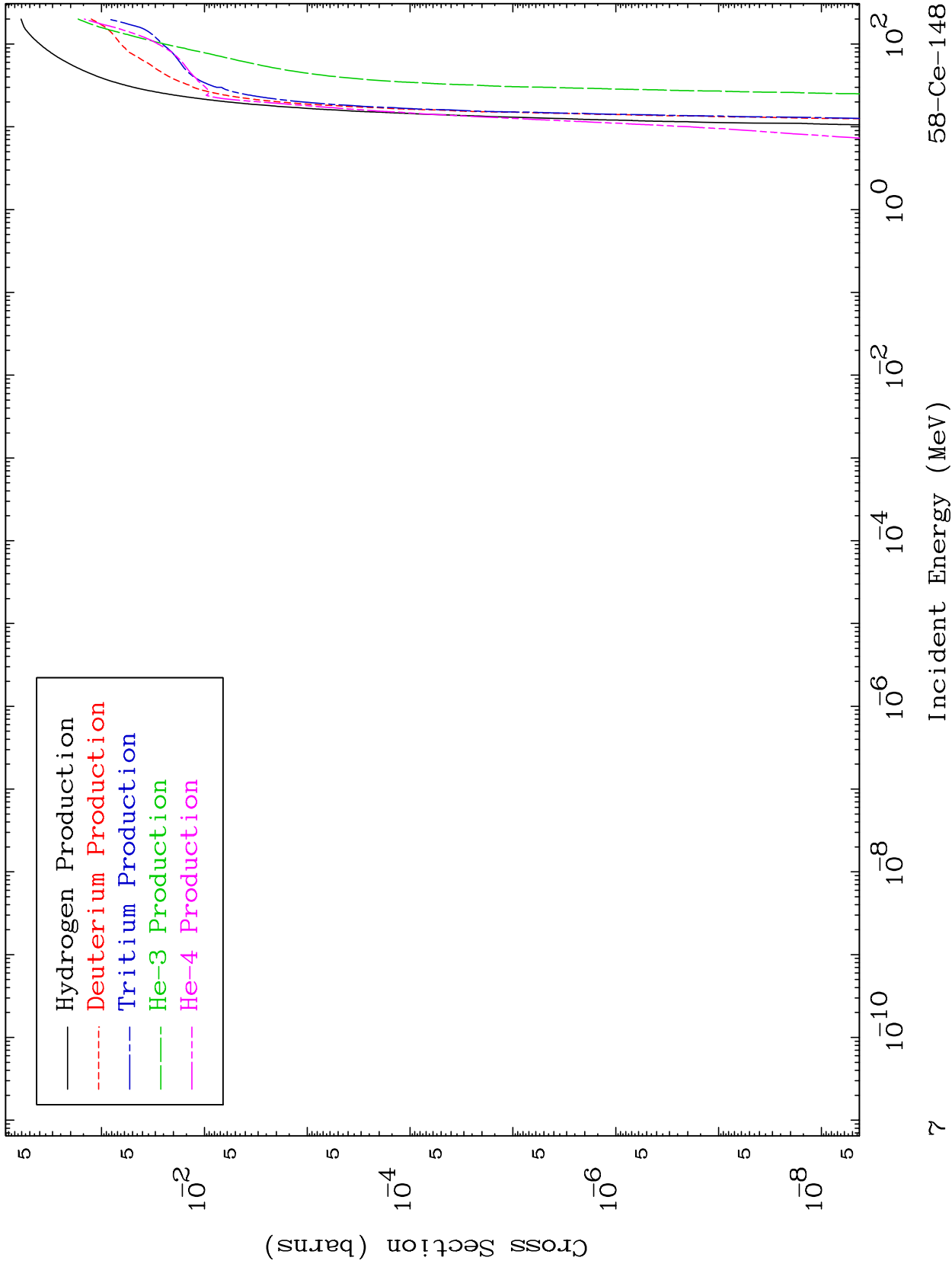
Incident Energy (MeV)



MAT 5861

Particle Production
293 Kelvin Cross Sections

58-Ce-148

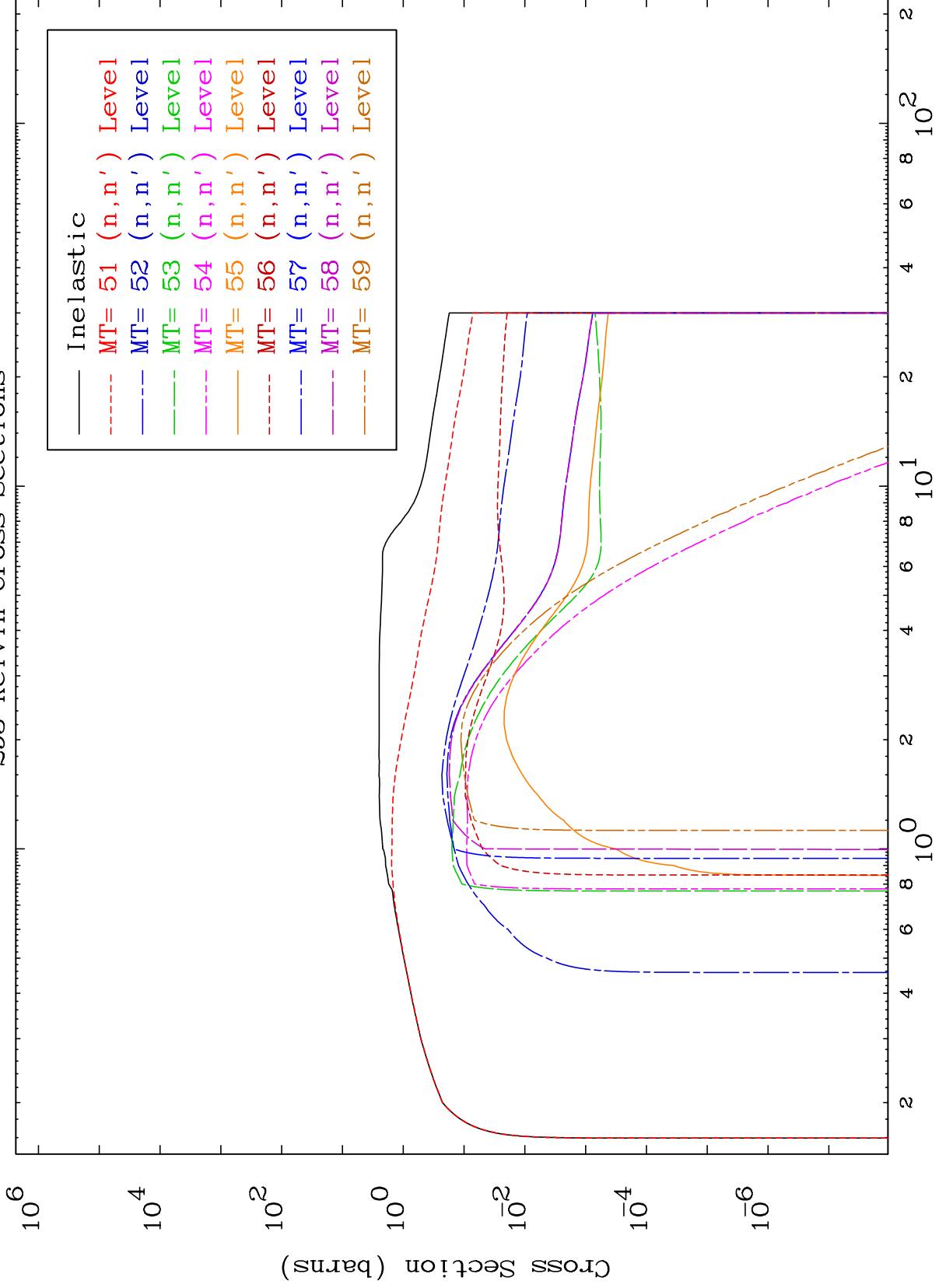


MAT 5861

(n,n') Levels

58-Ce-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

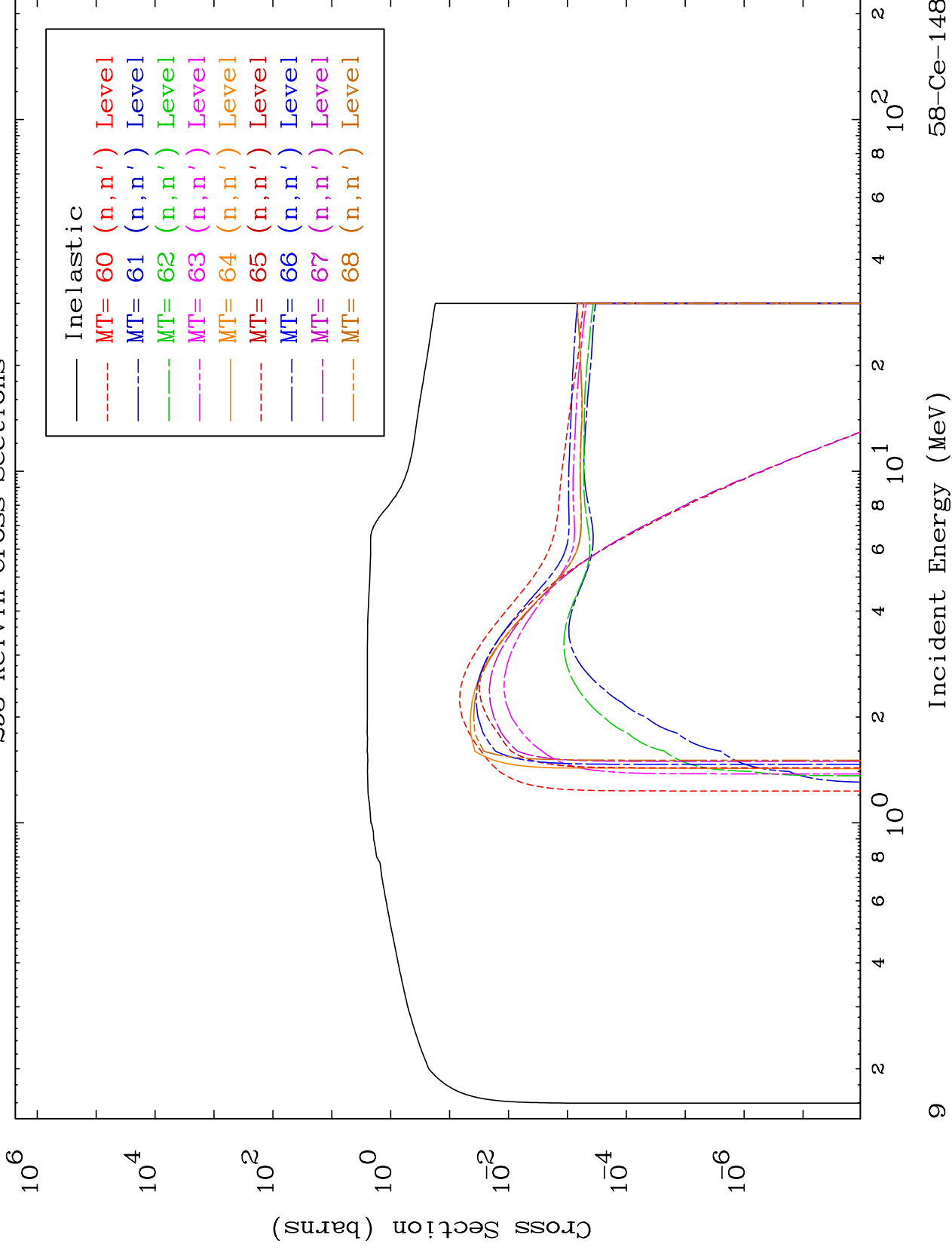
58-Ce-148

MAT 5861

(n,n') Levels

58-Ce-148

293 Kelvin Cross Sections

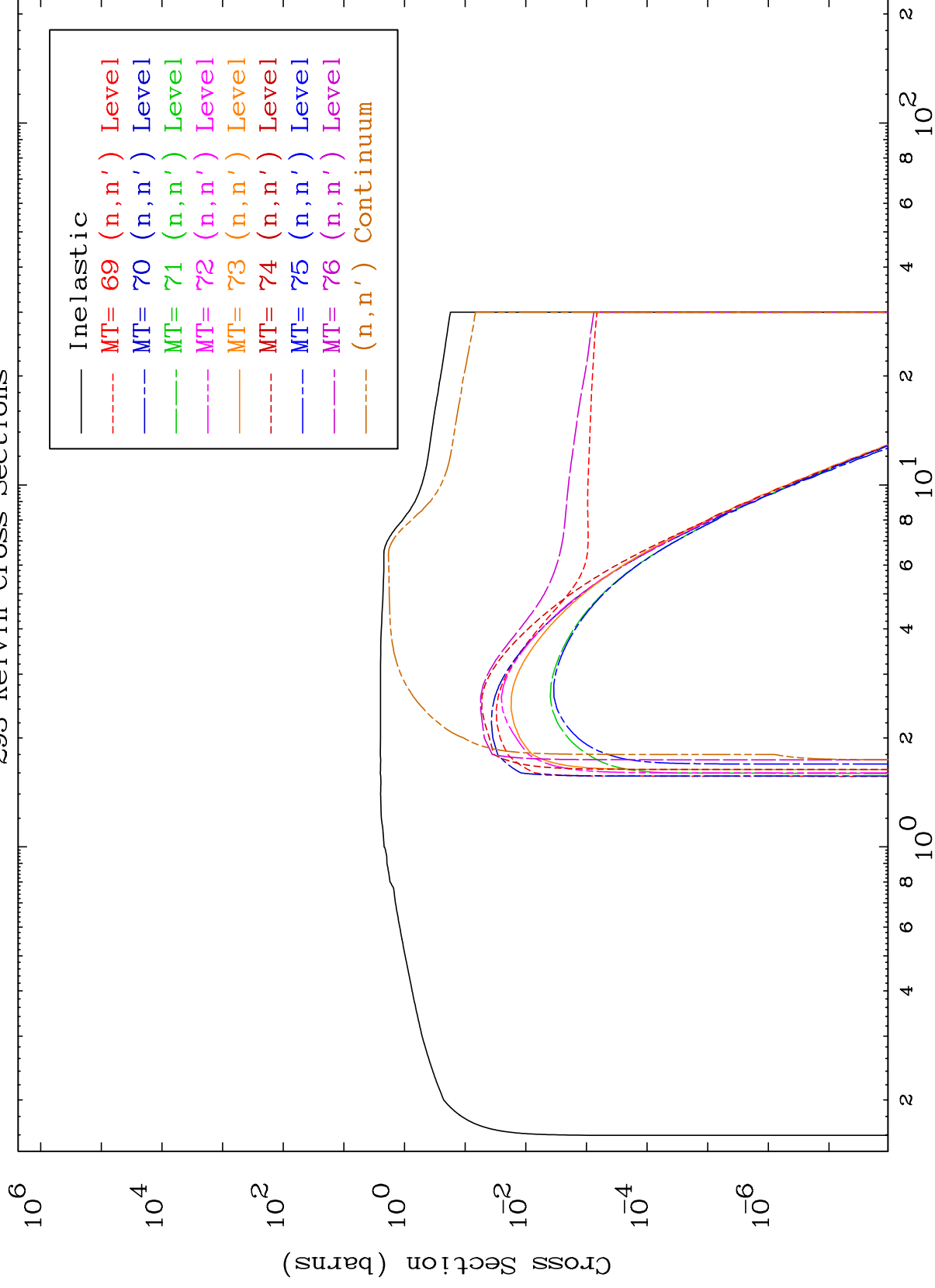


MAT 5861

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-148



10

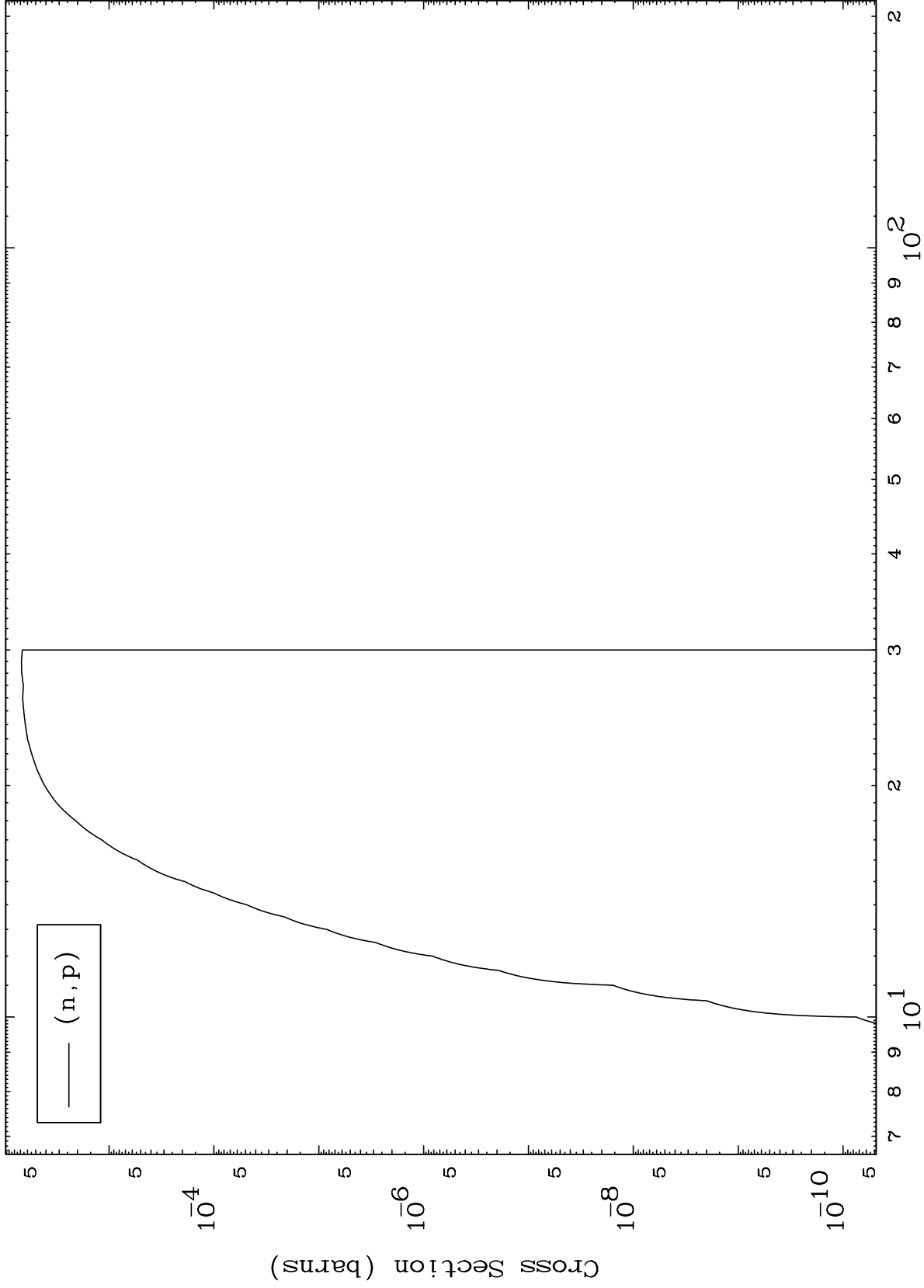
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-148



11

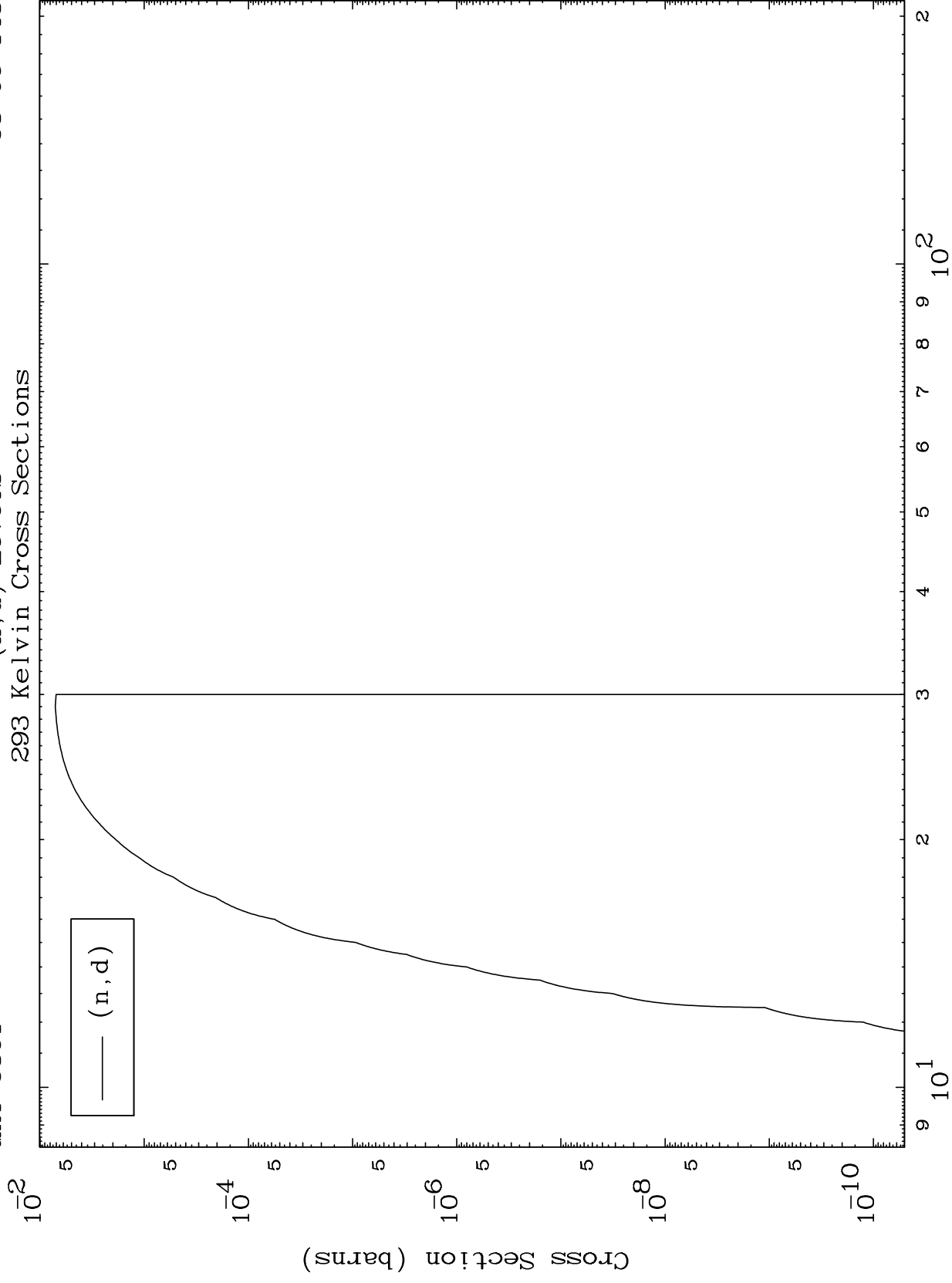
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-148



Incident Energy (MeV)

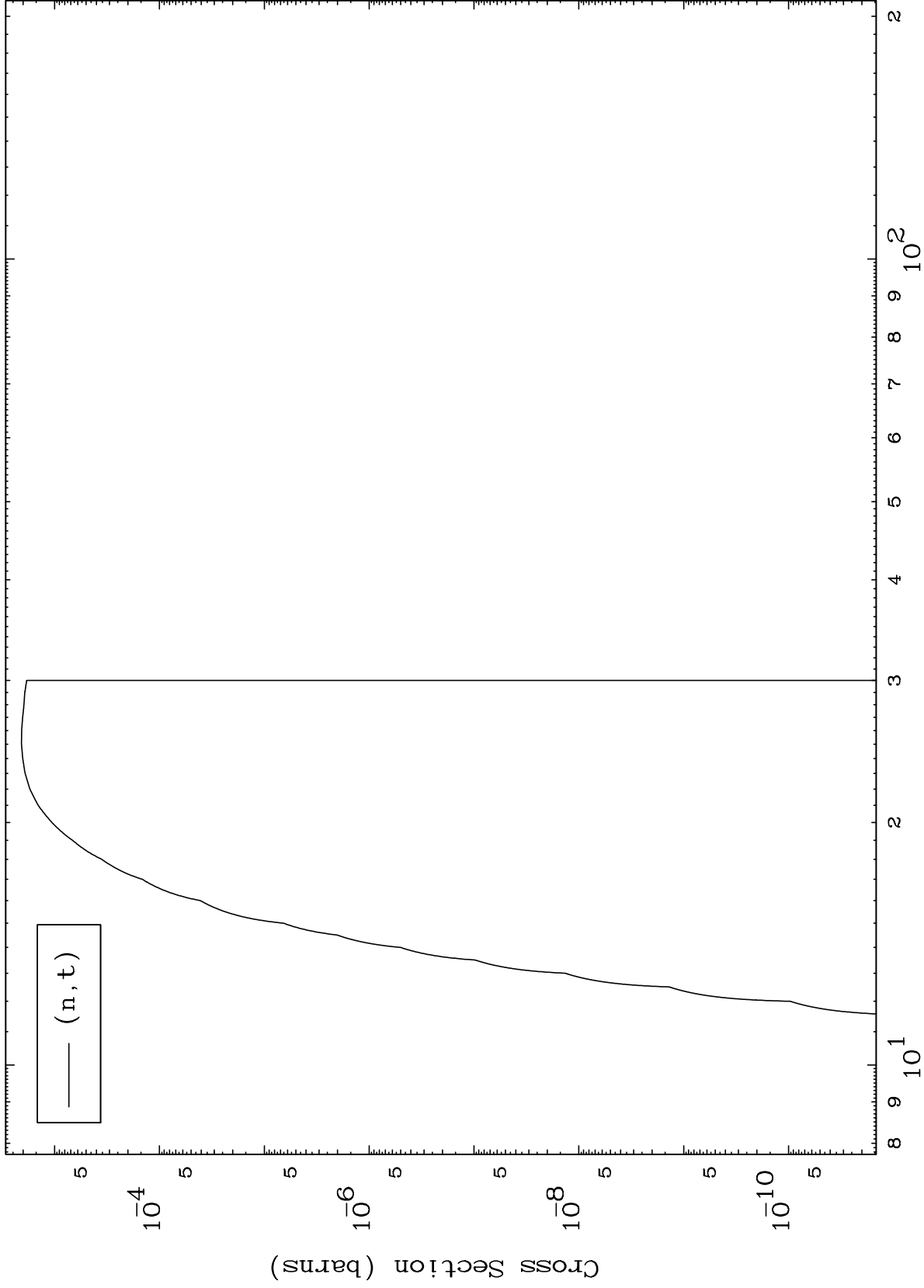
58-Ce-148

12

MAT 5861

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-148



13

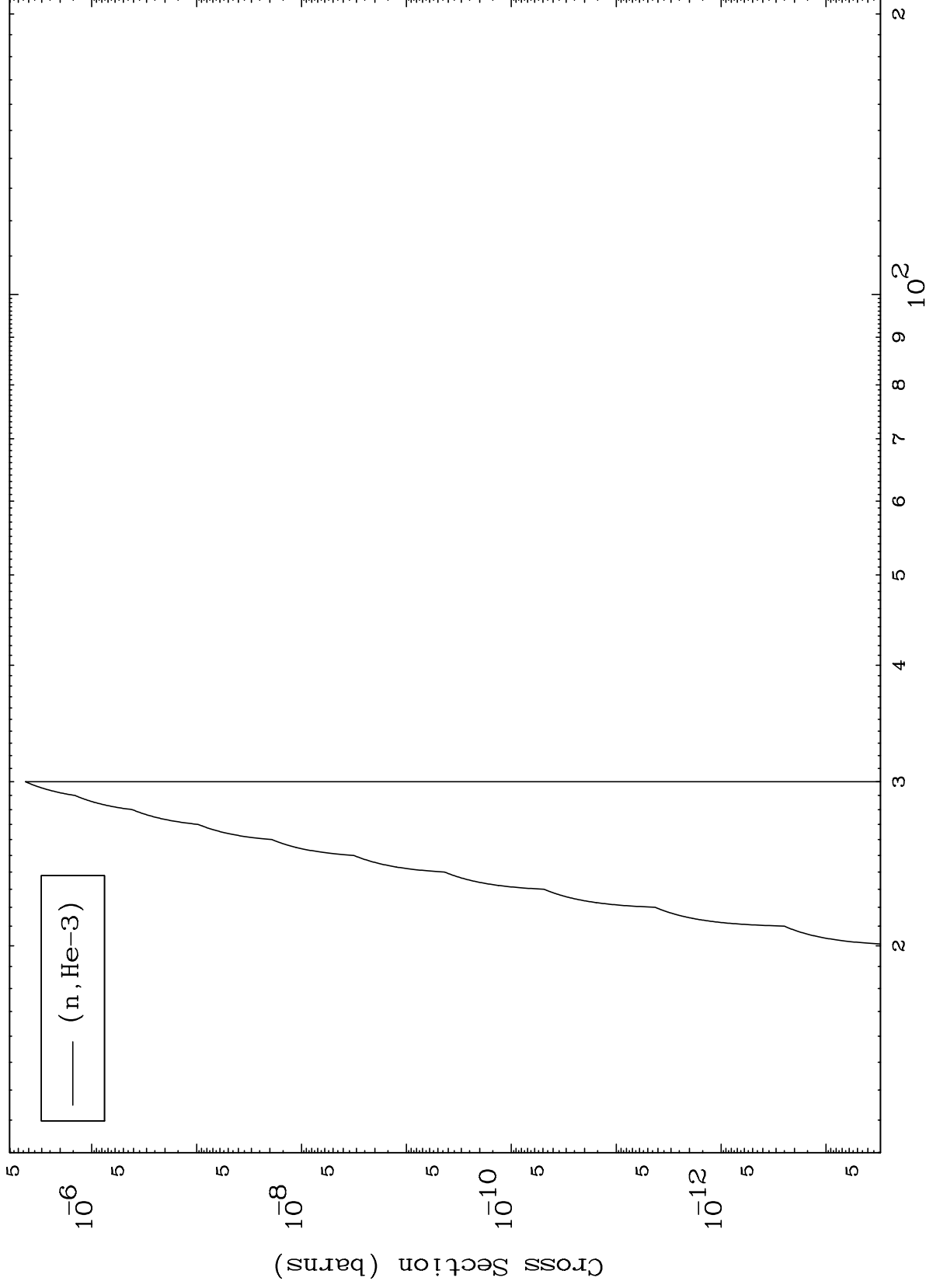
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-148



14

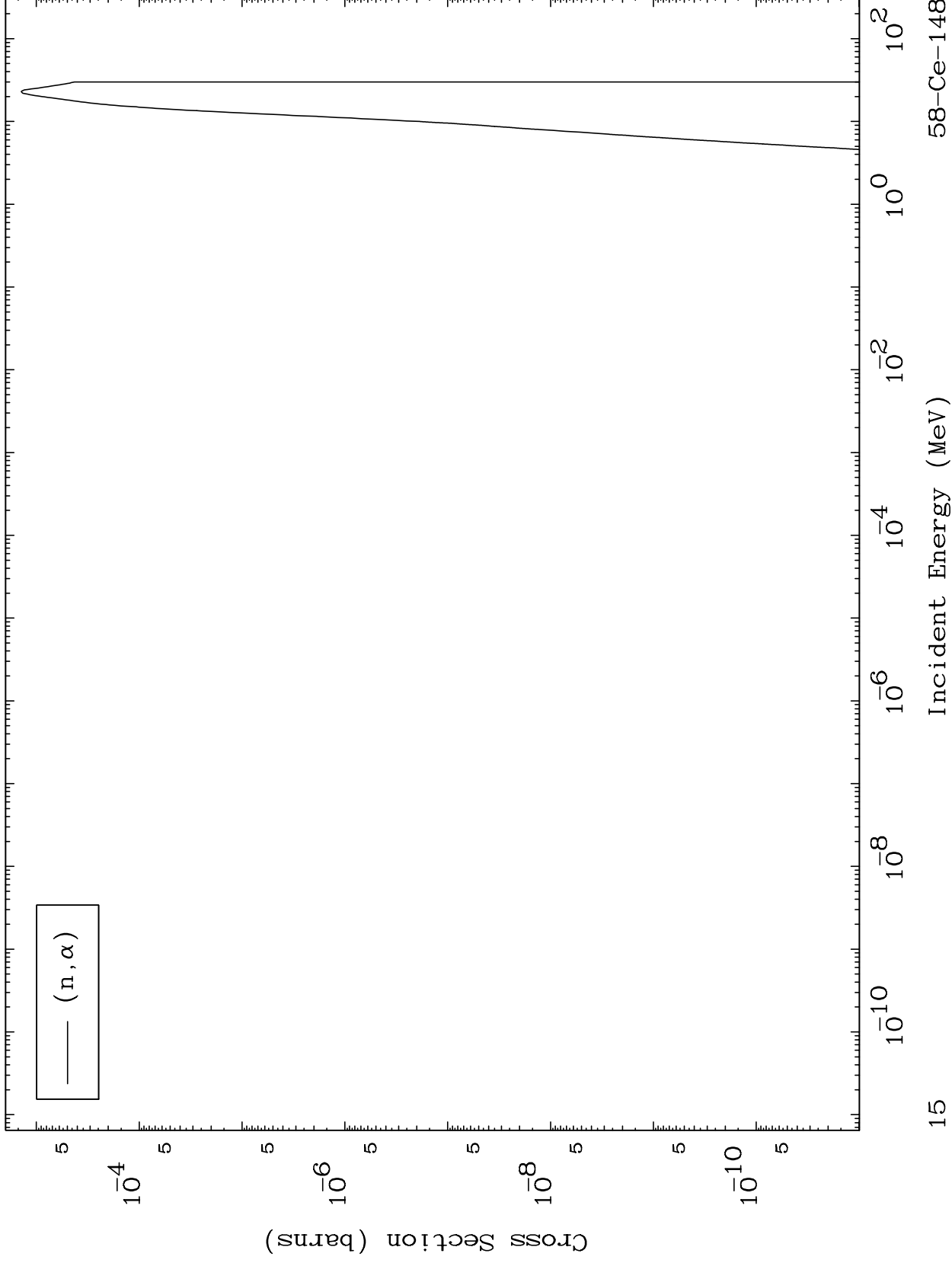
Incident Energy (MeV)

58-Ce-148

MAT 5861

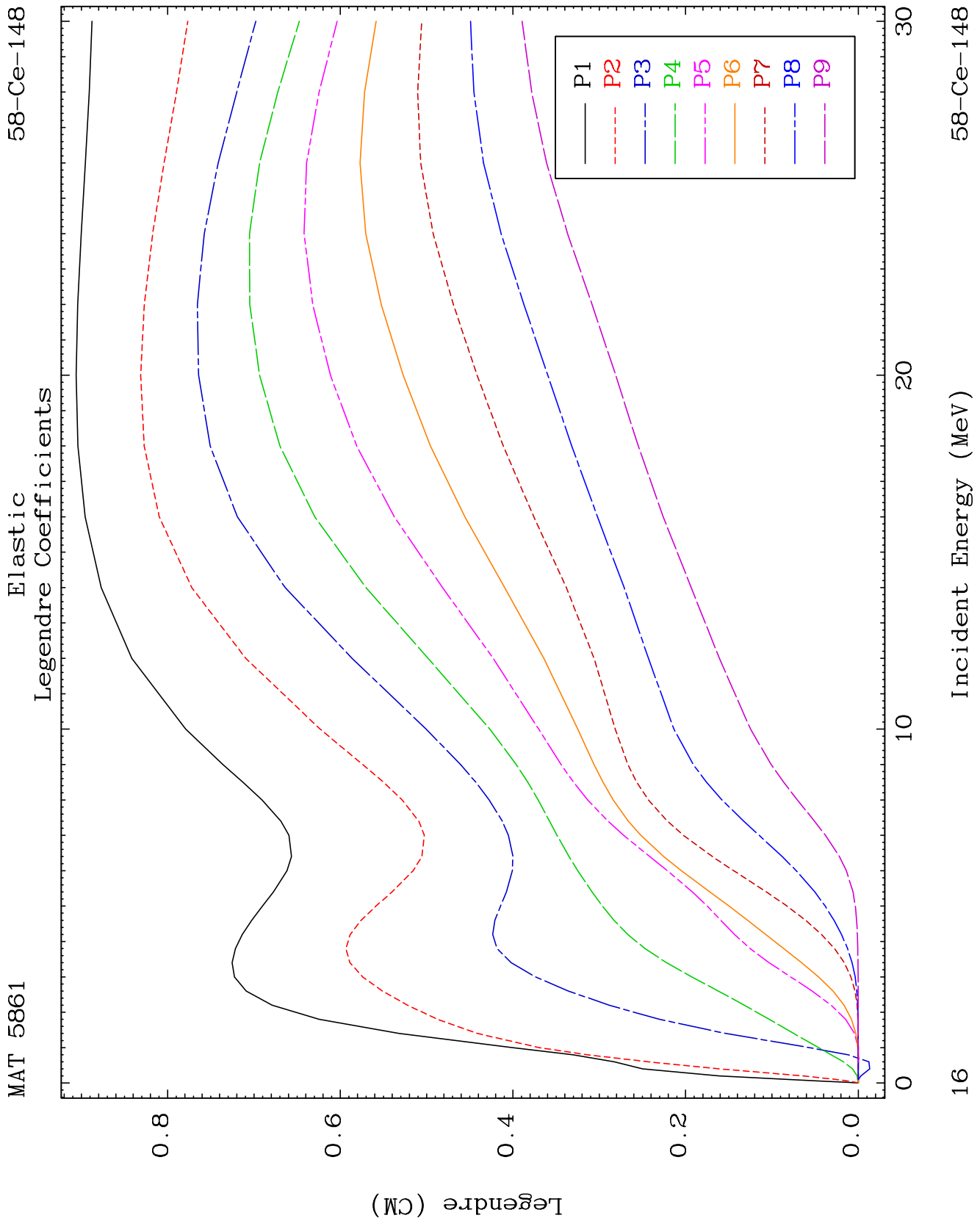
(n, α) Levels
293 Kelvin Cross Sections

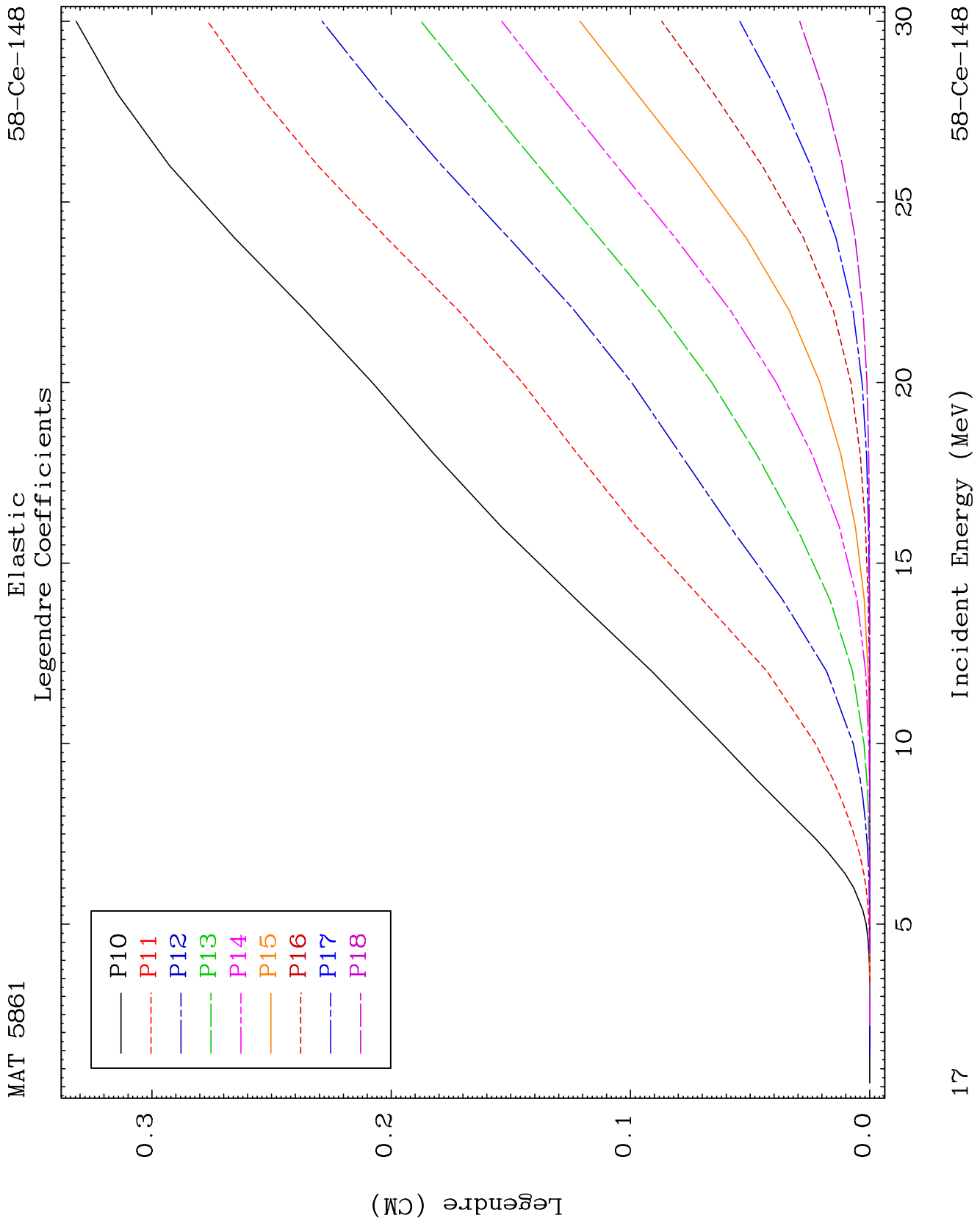
58-Ce-148



15

58-Ce-148





MAT 5861

Elastic Legendre Coefficients

$^{58}\text{Ce-148}$

17

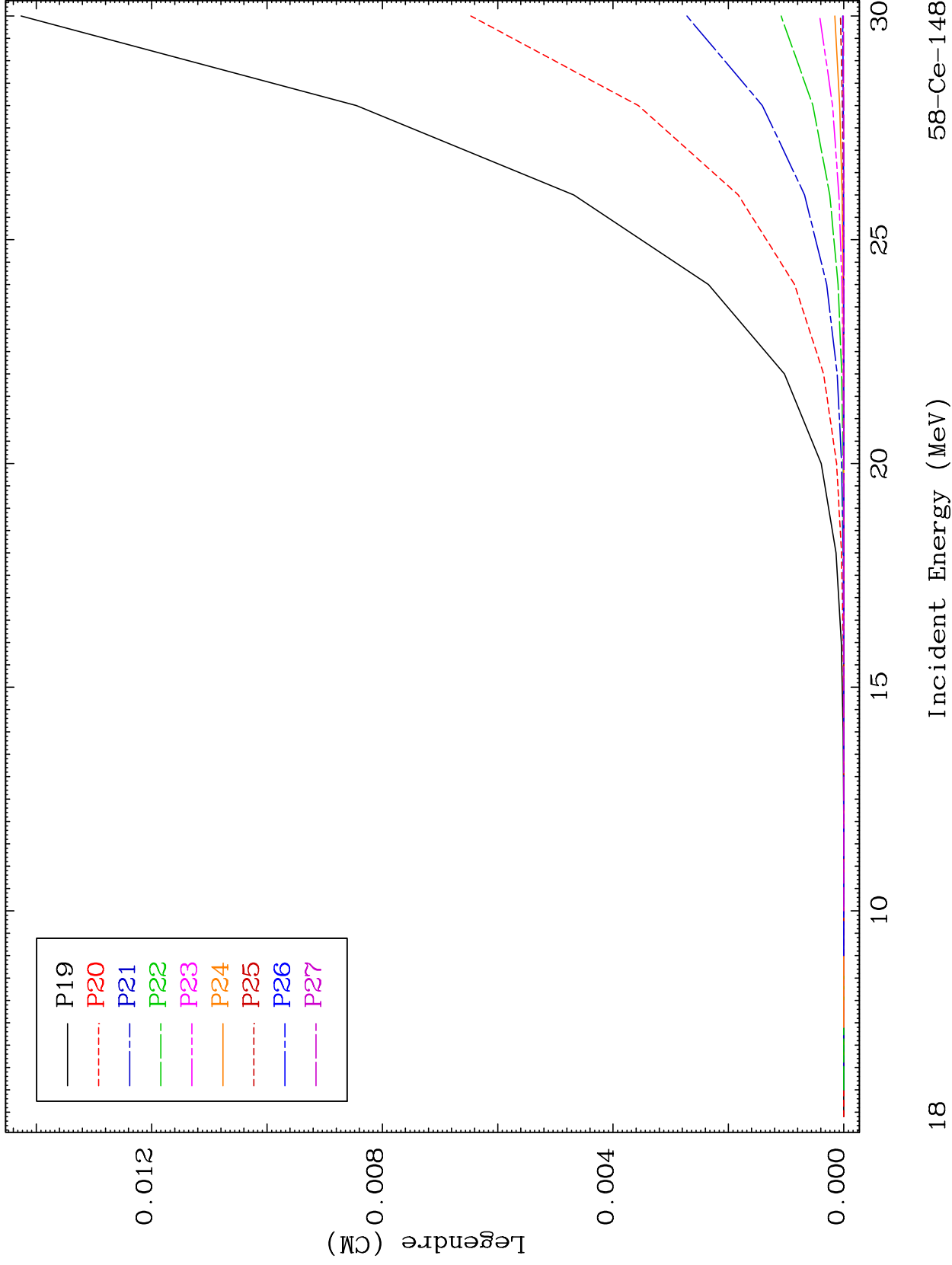
Incident Energy (MeV)

$^{58}\text{Ce-148}$

MAT 5861

Elastic Legendre Coefficients

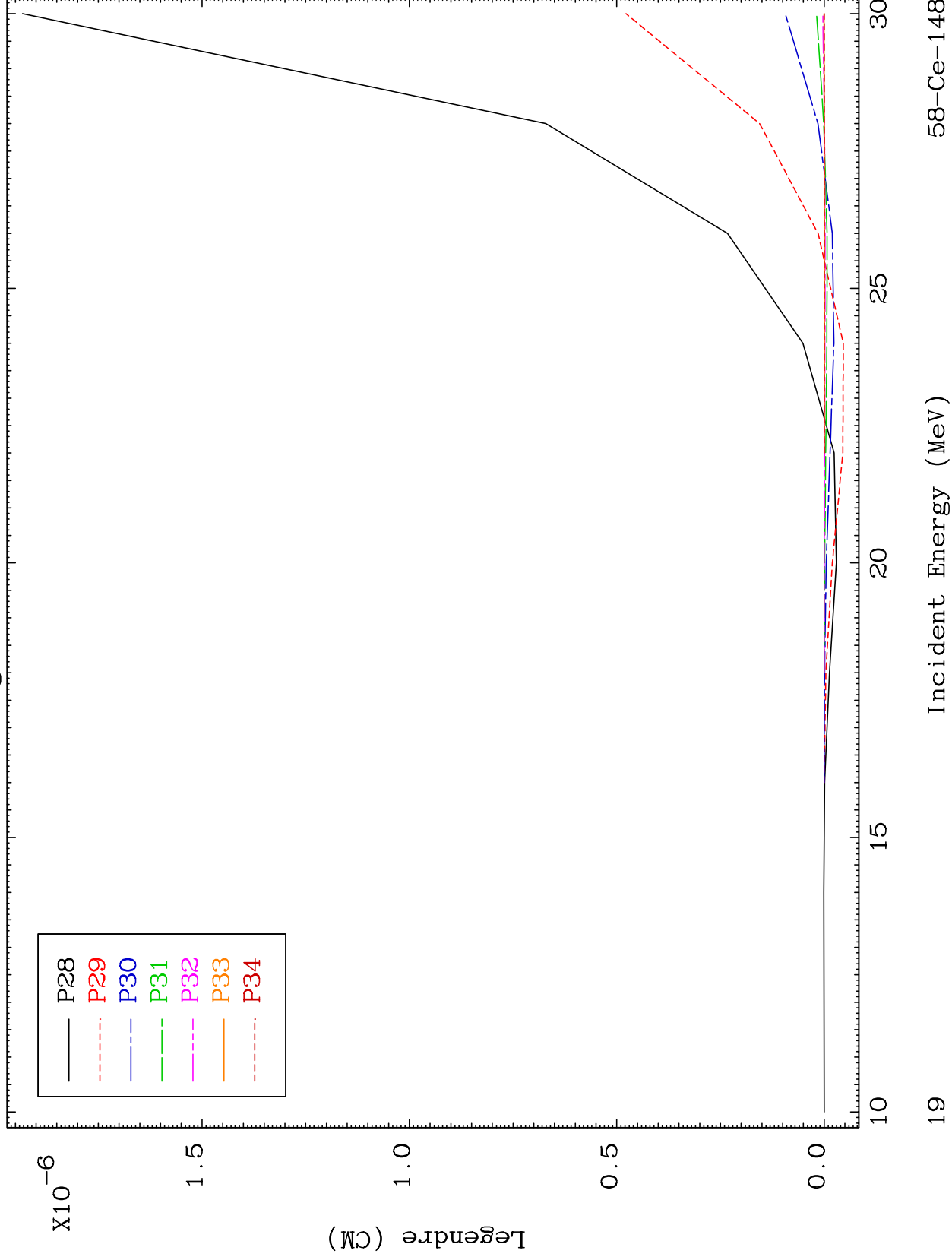
58-Ce-148



MAT 5861

Elastic
Legendre Coefficients

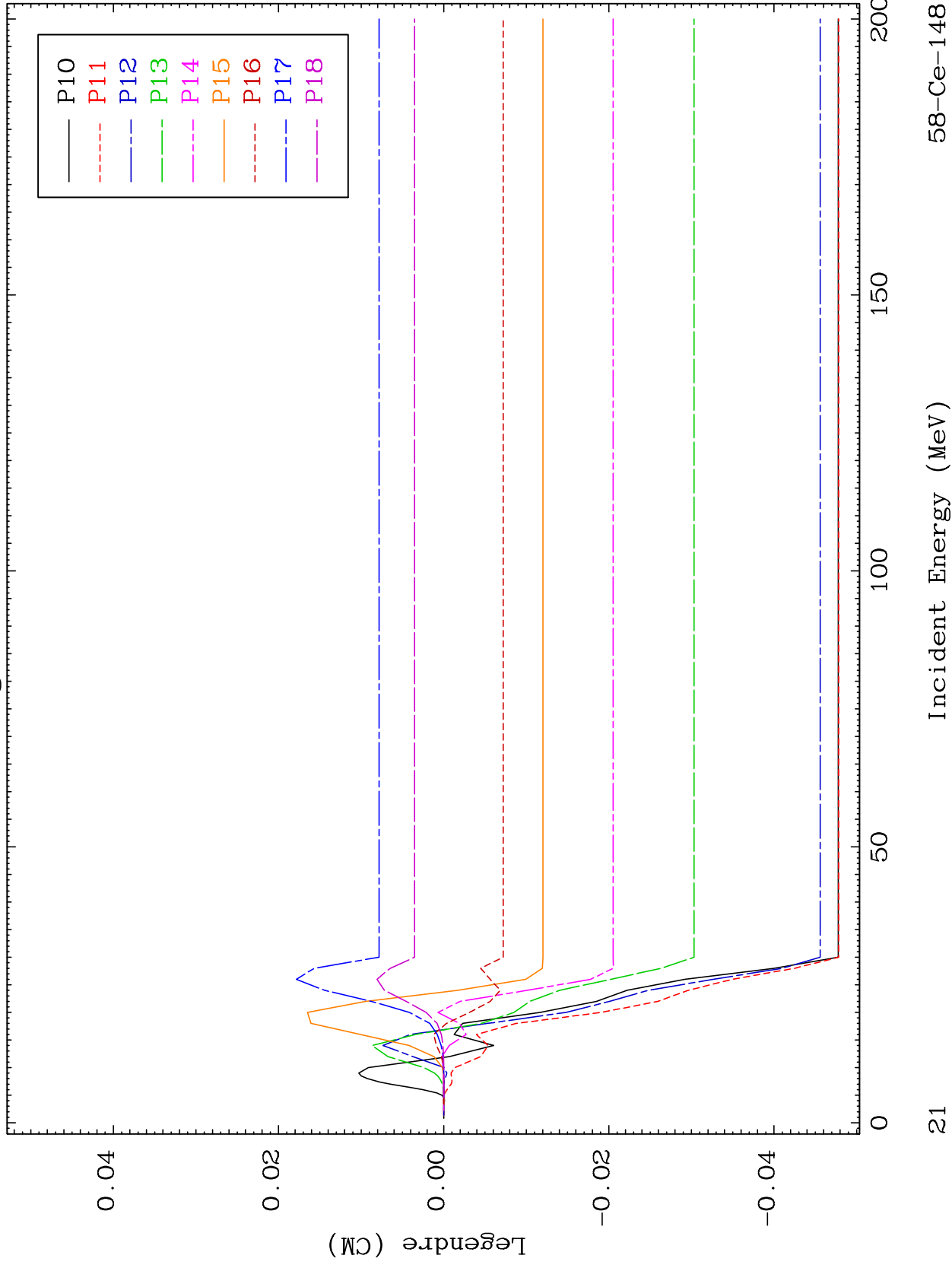
58-Ce-148



MAT 5861

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

58-Ce-148



21

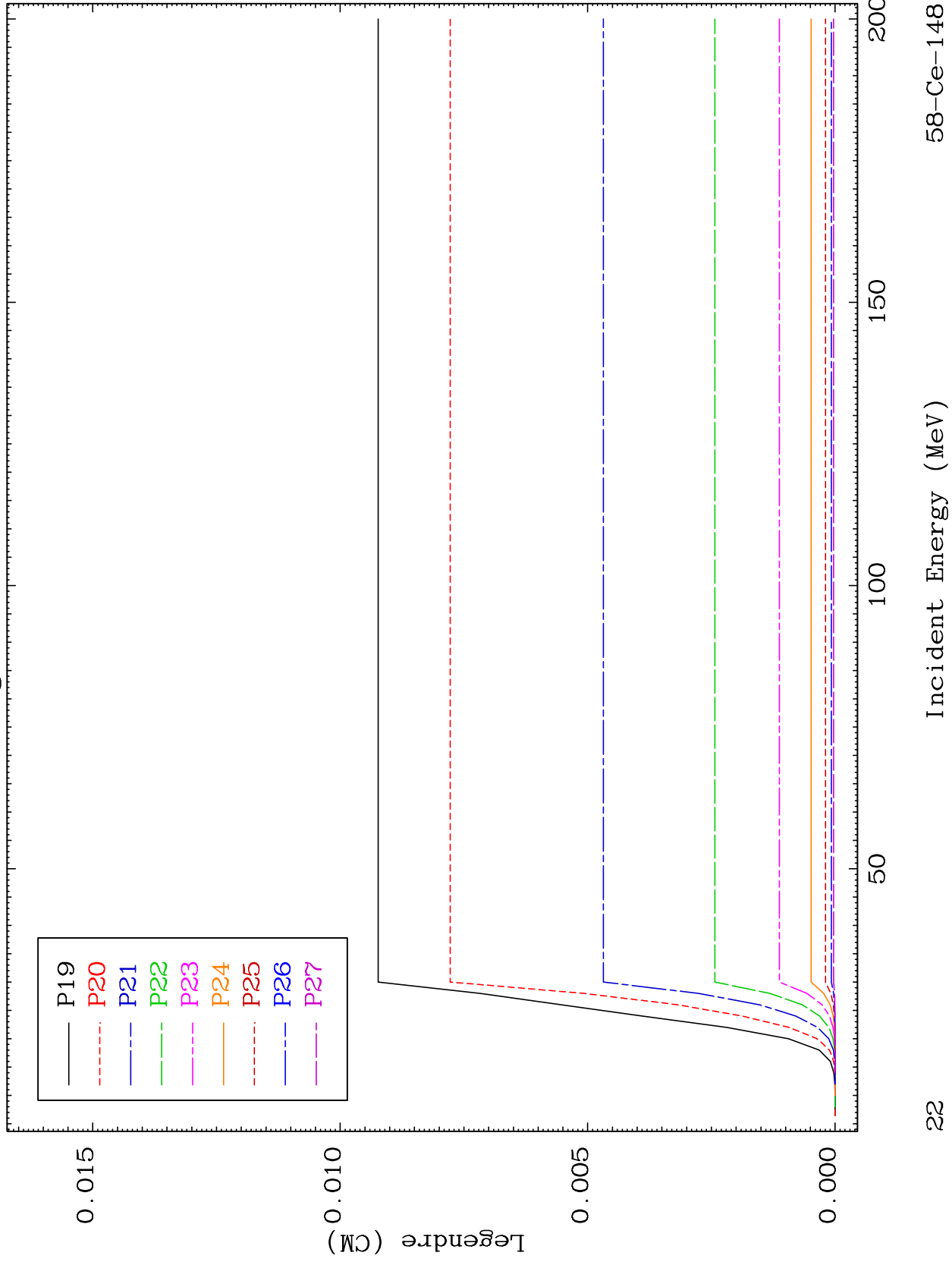
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



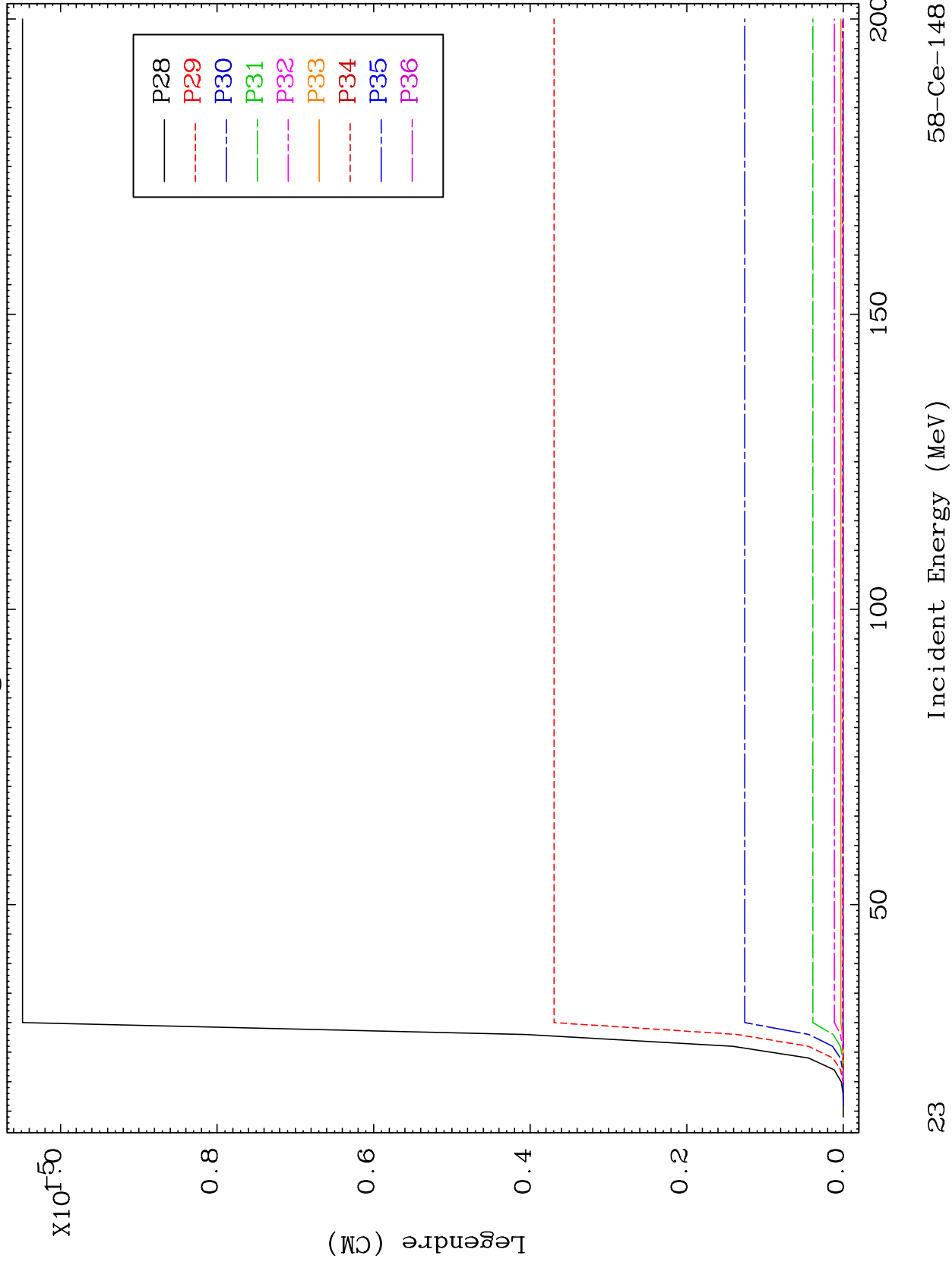
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58-Ce-148

MAT 5861

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

58-Ce-148

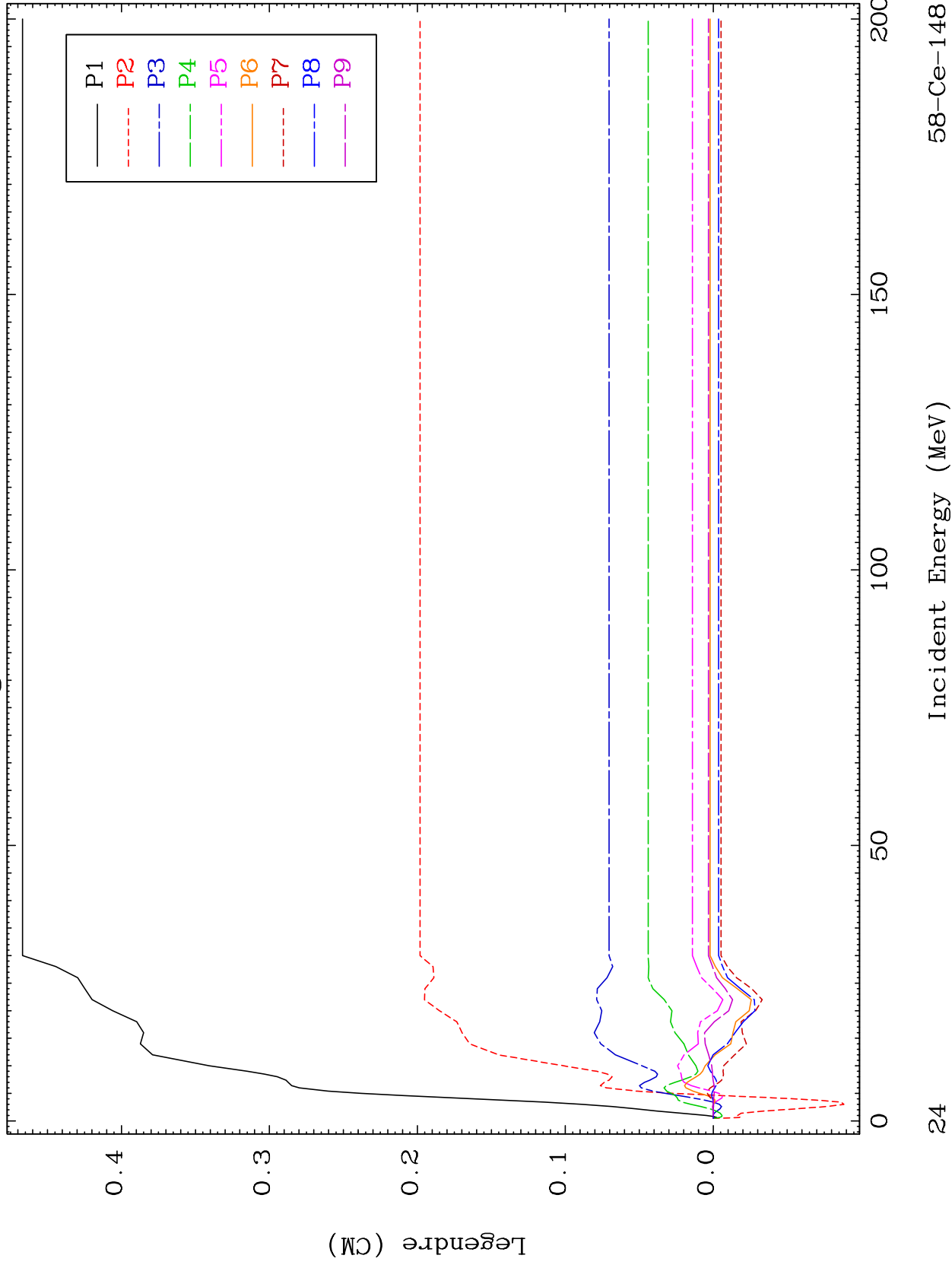


23

MAT 5861

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

58-Ce-148



58-Ce-148

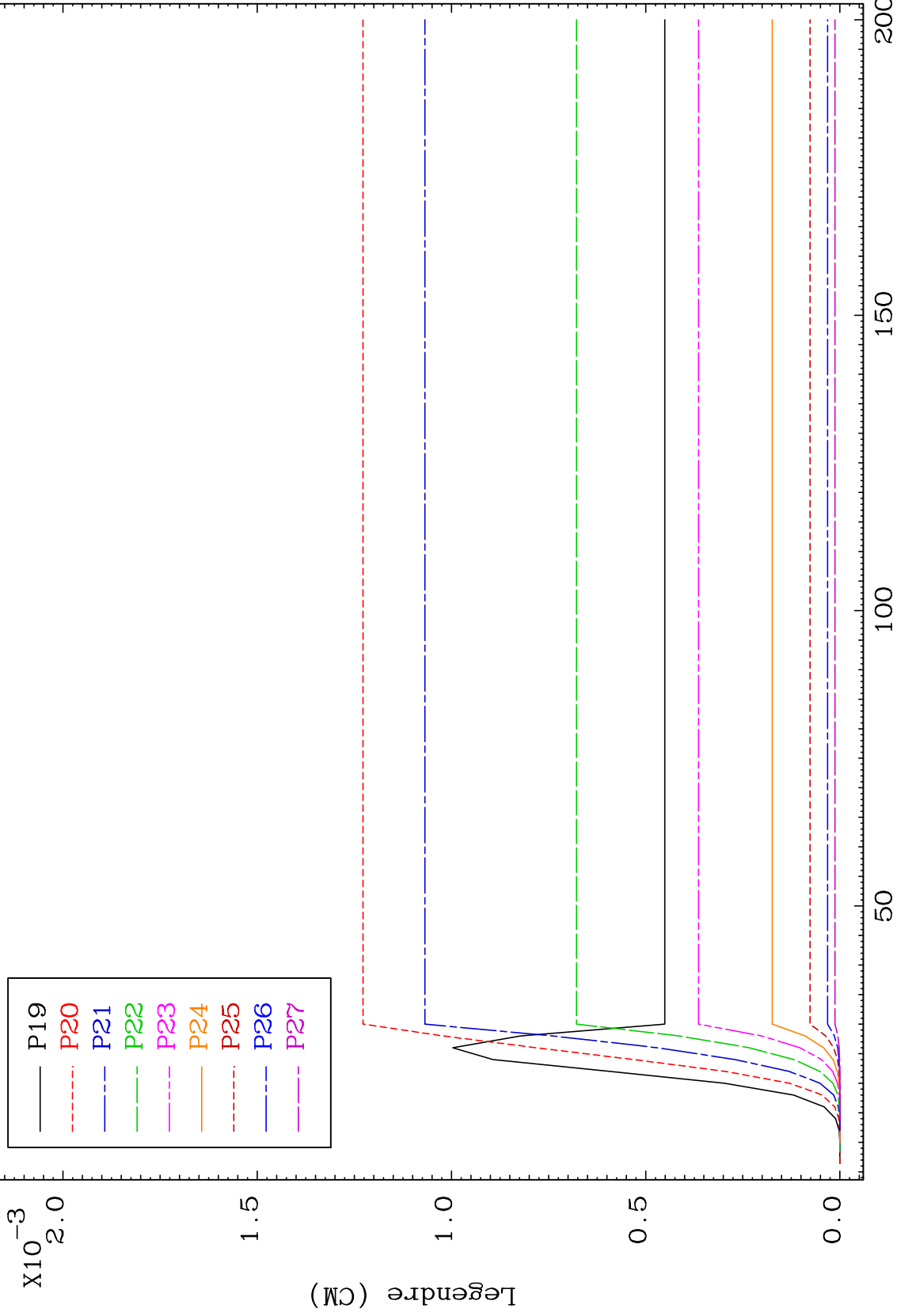
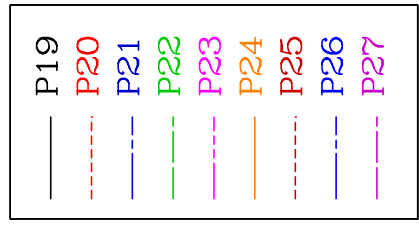
Incident Energy (MeV)

24

MAT 5861

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

58-Ce-148



26

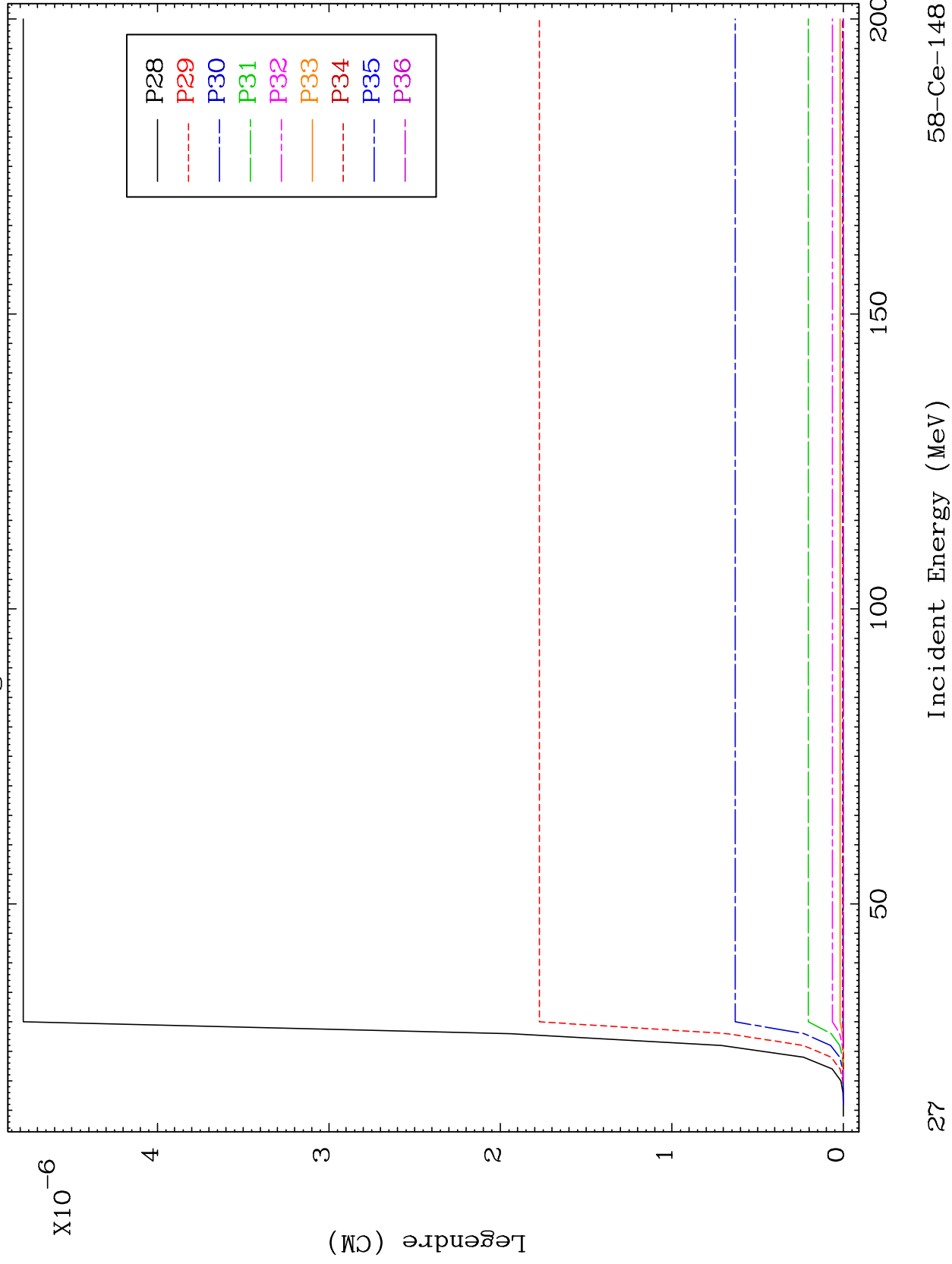
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



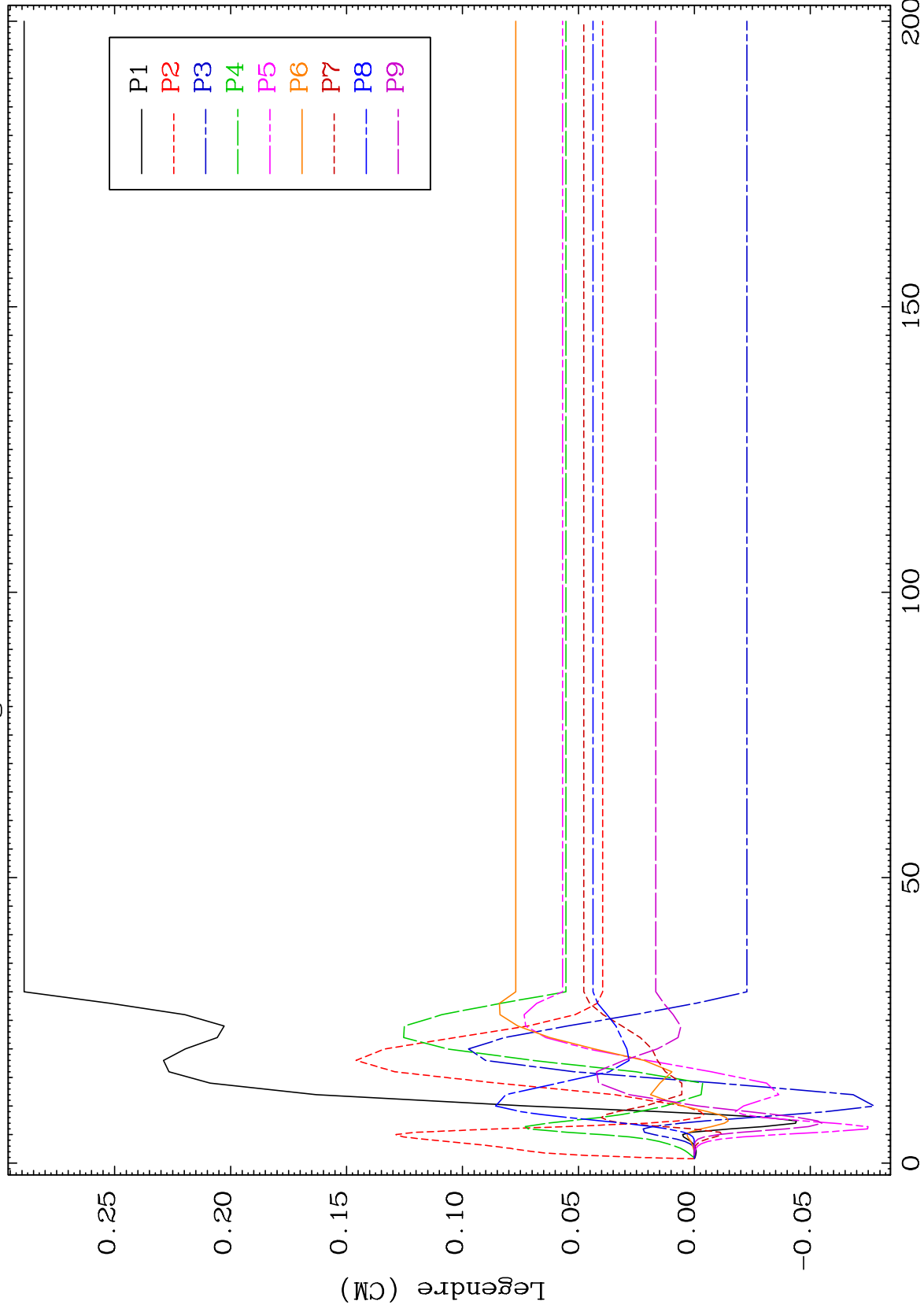
27

58-Ce-148

MAT 5861

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

58-Ce-148



28

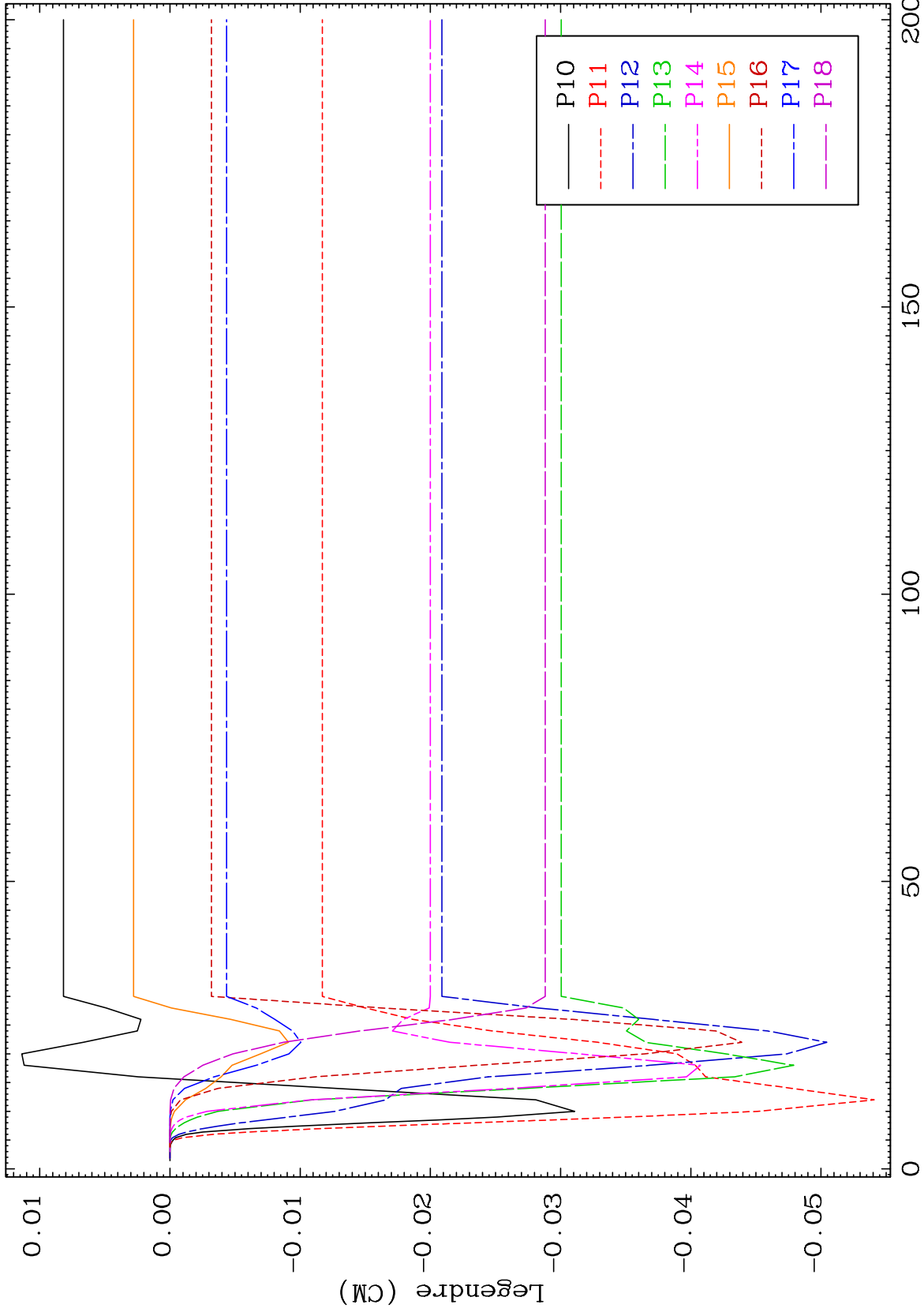
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



29

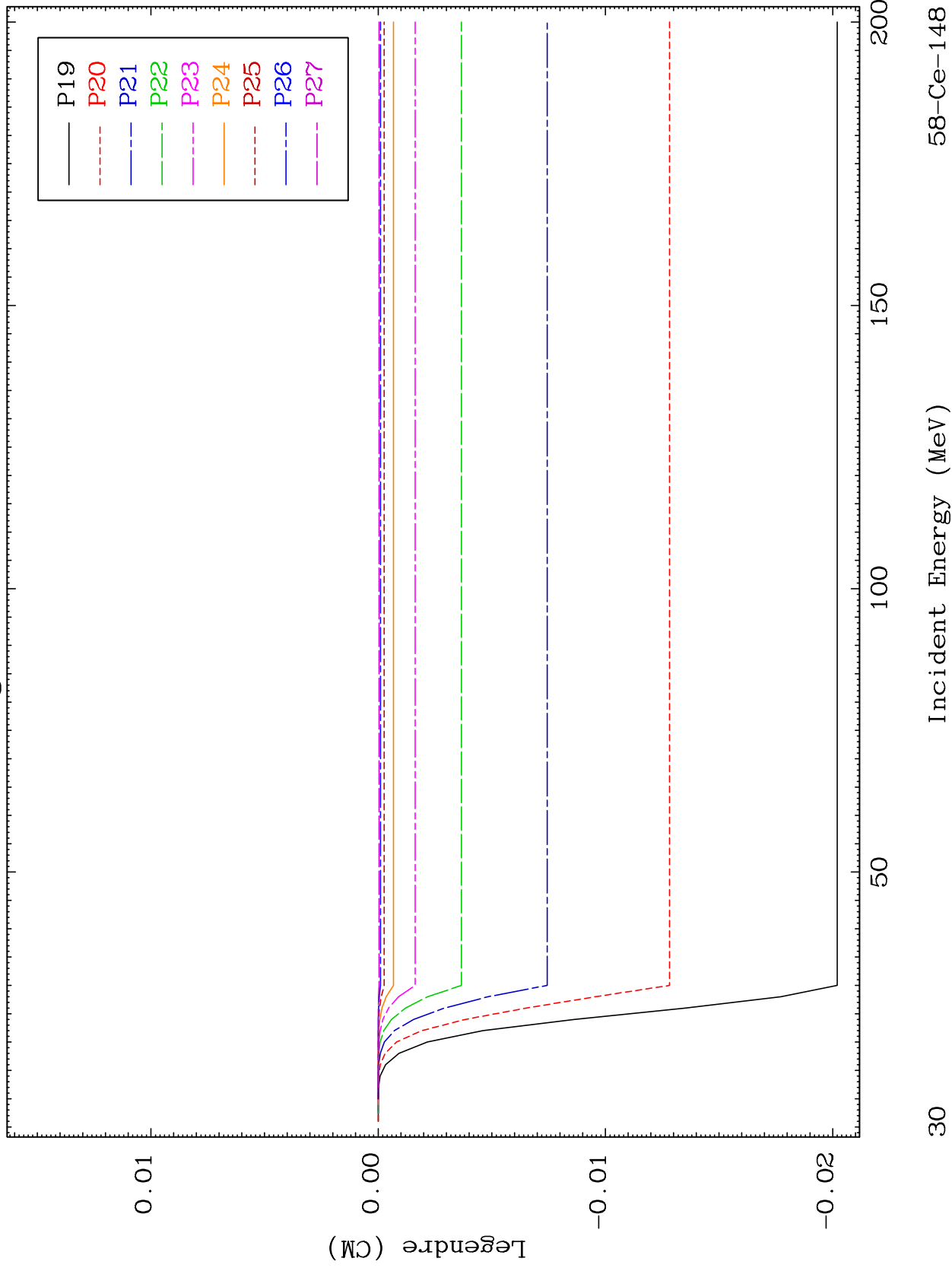
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

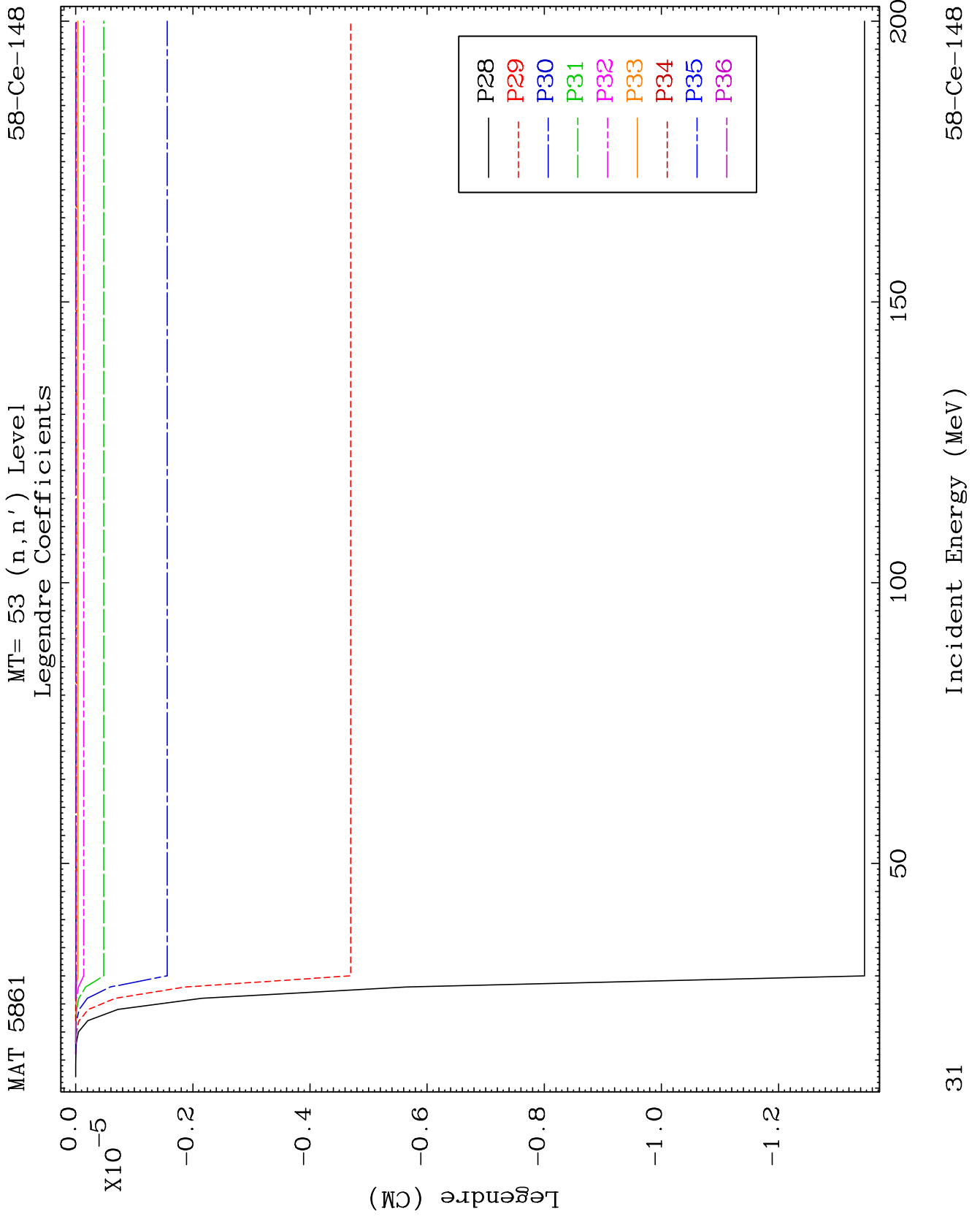
58-Ce-148

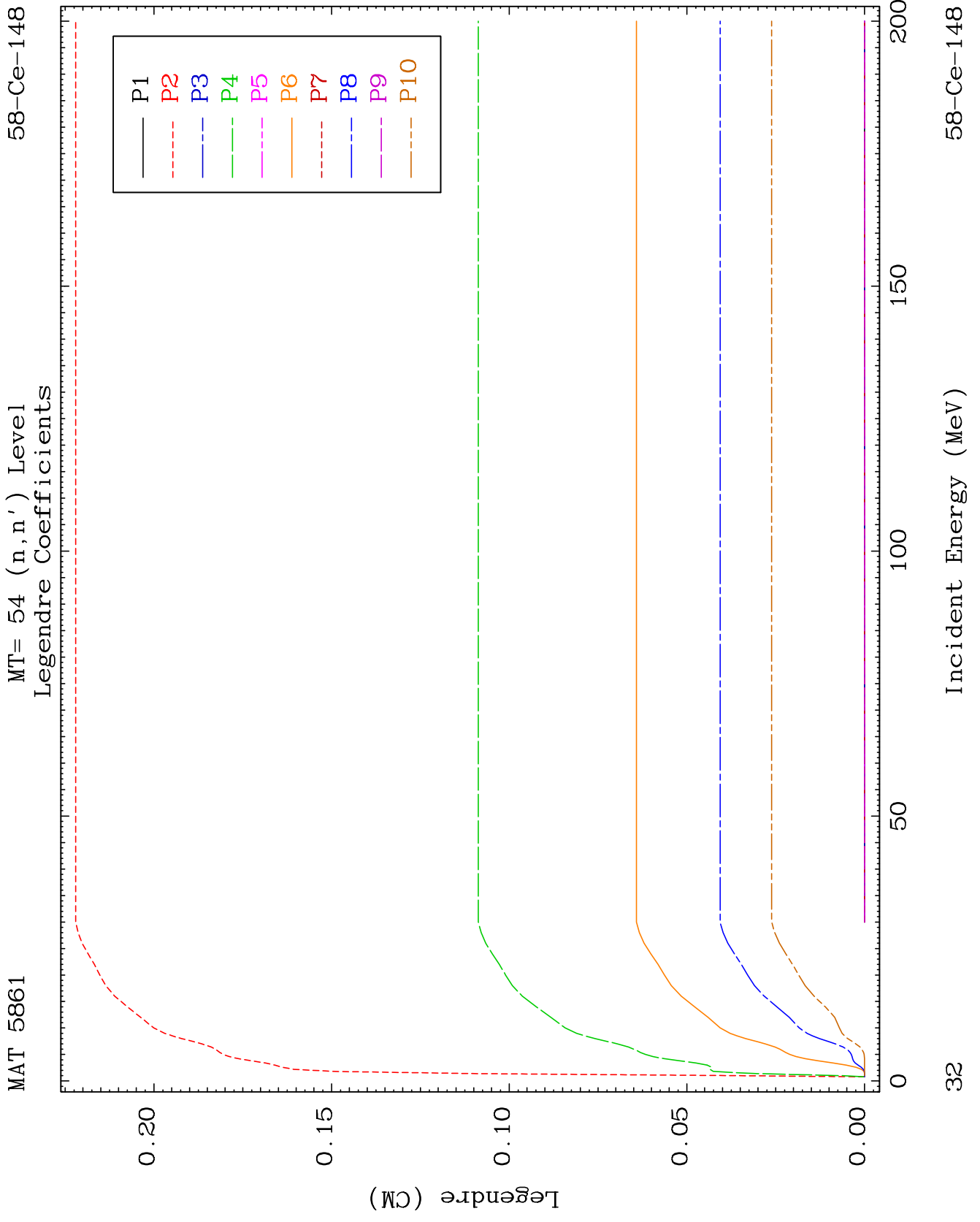


58-Ce-148

Incident Energy (MeV)

30

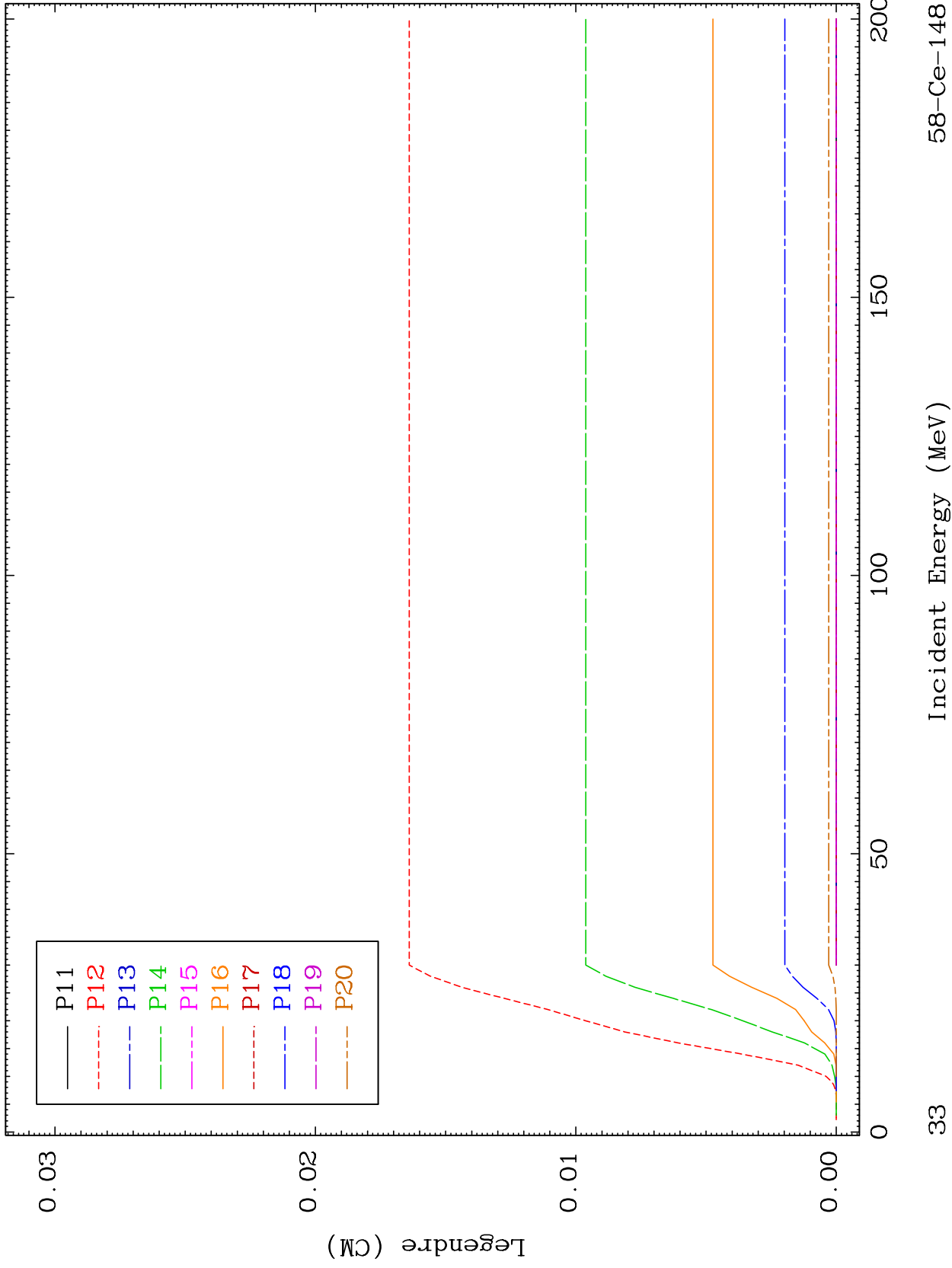




MAT 5861

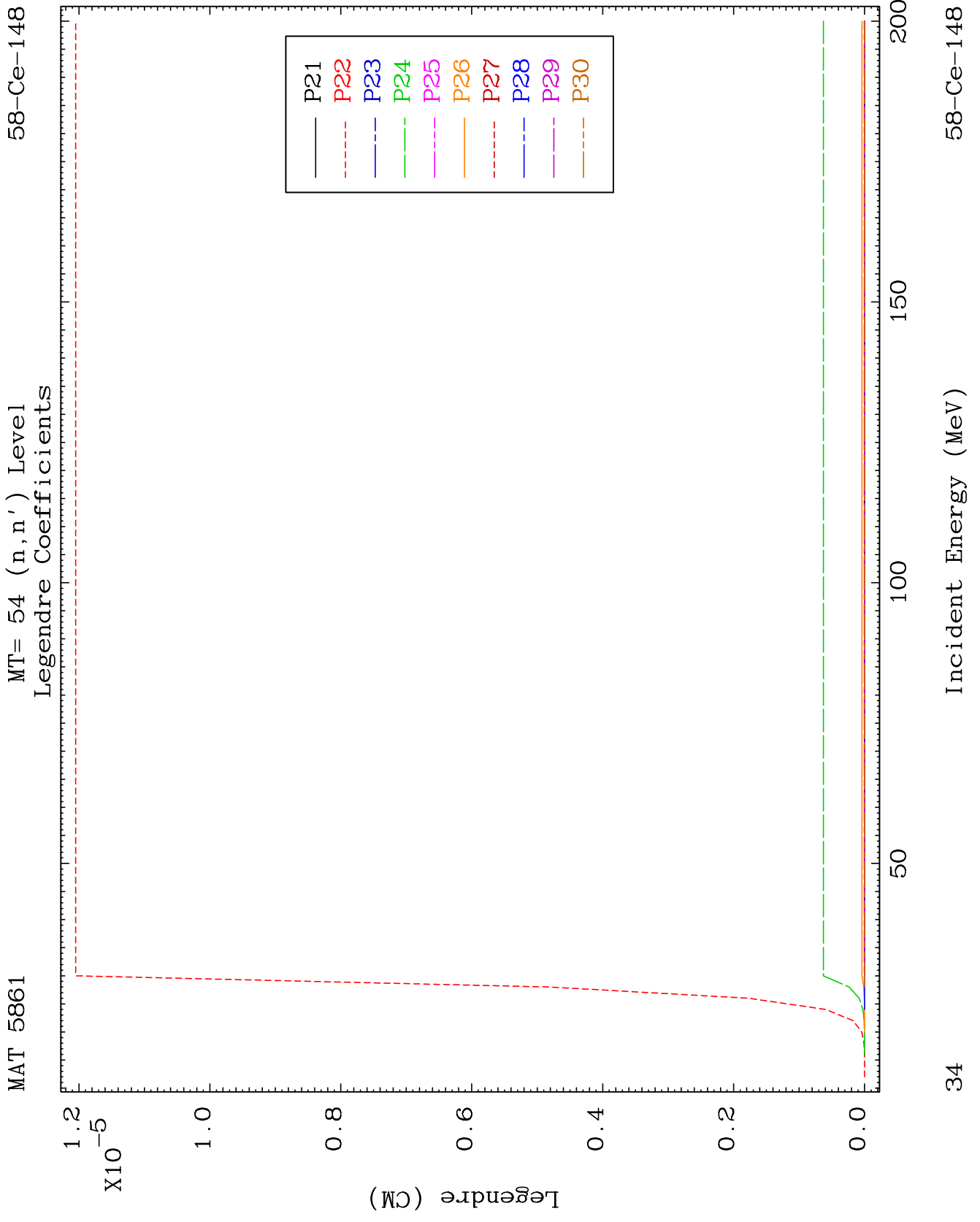
MT= 54 (n,n') Level
Legendre Coefficients

58-Ce-148



33

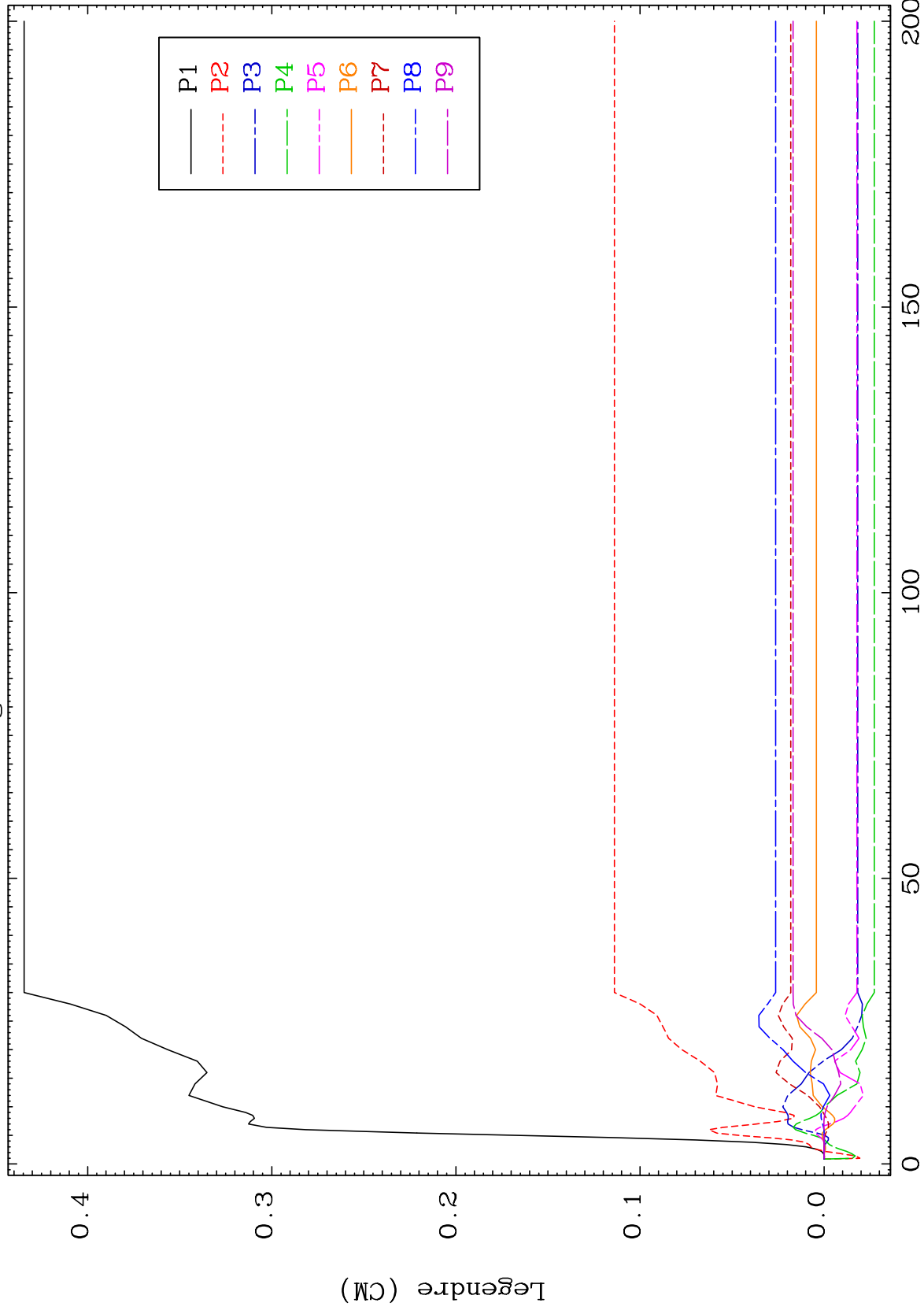
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

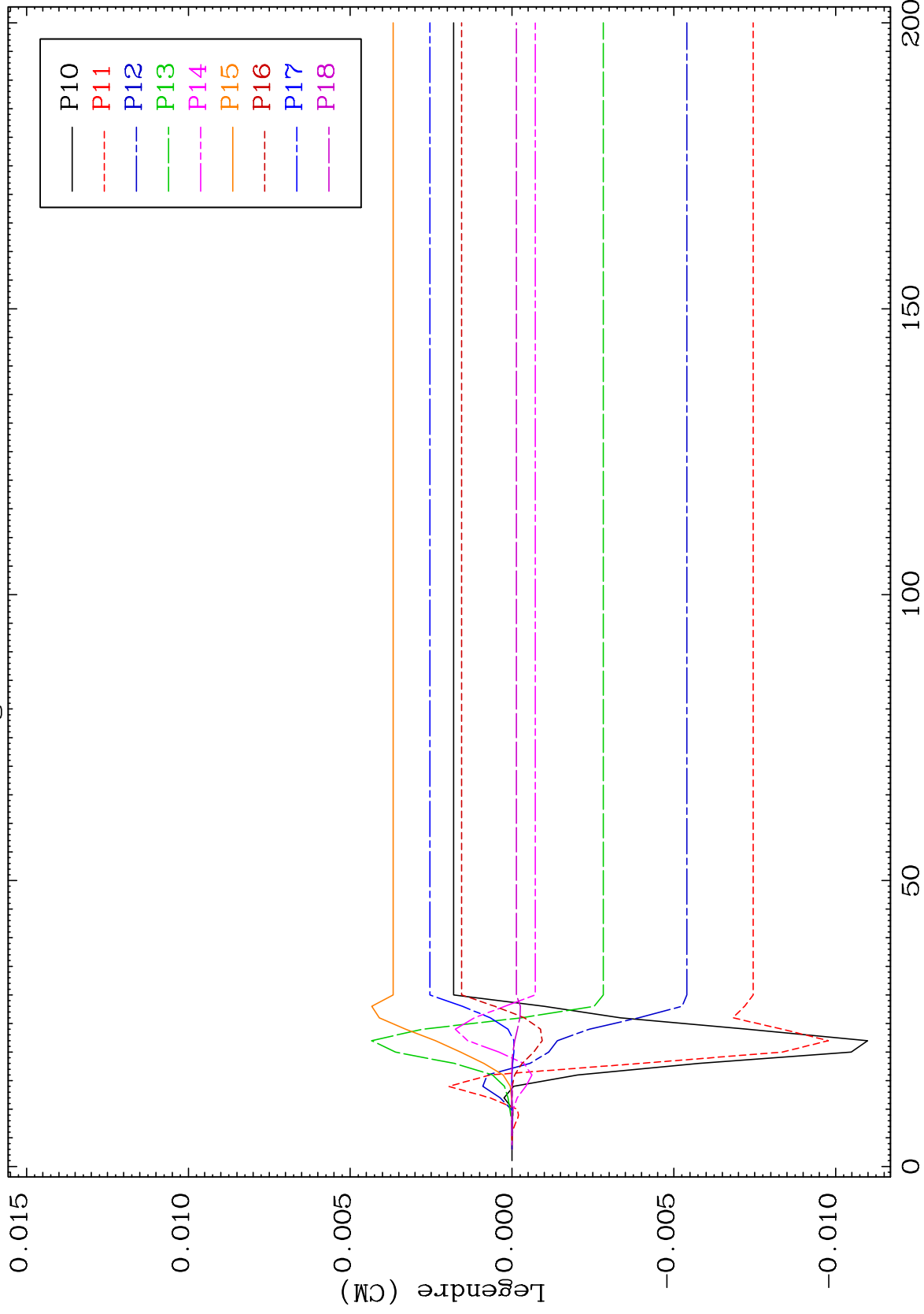
Incident Energy (MeV)

35

MAT 5861

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

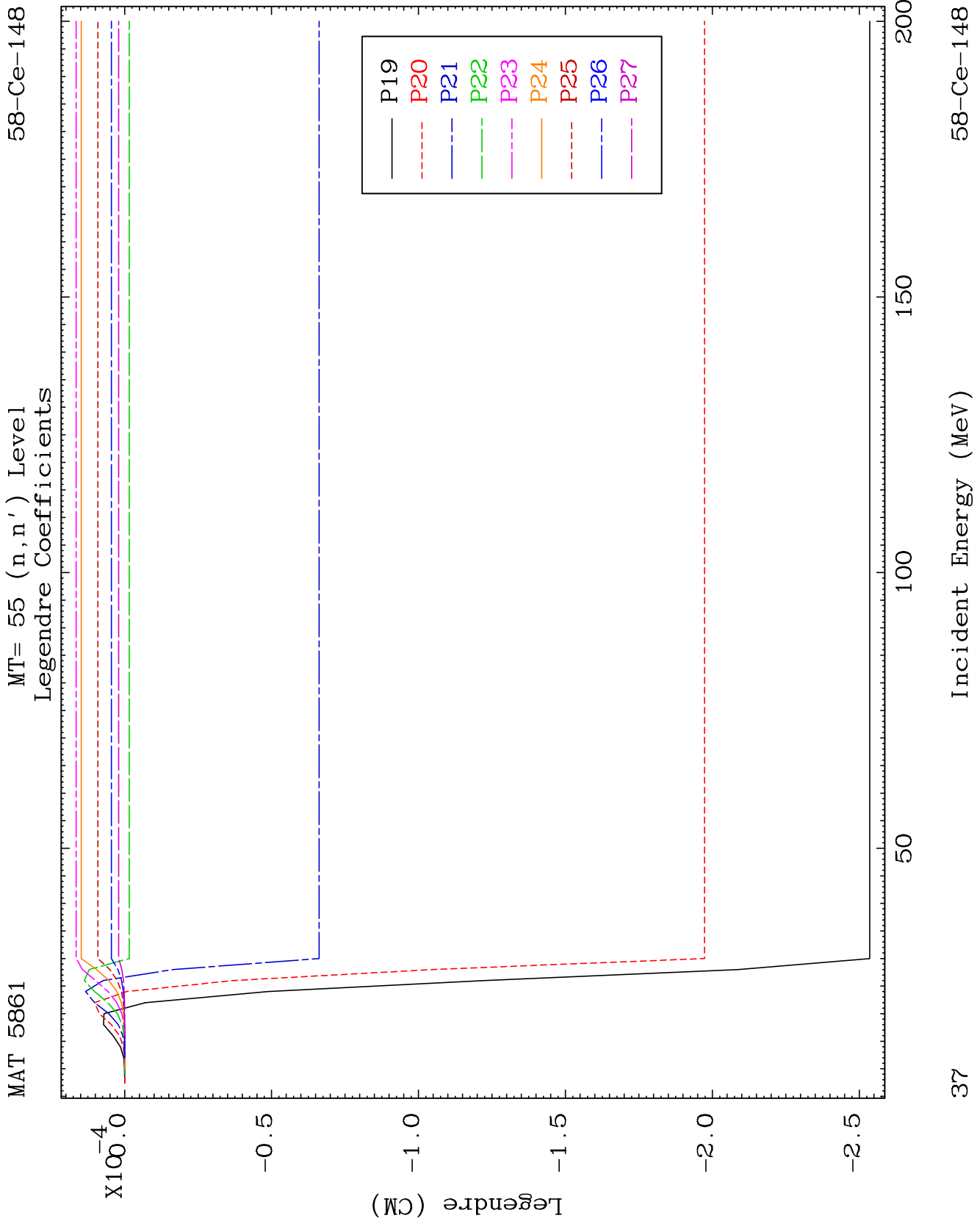
58-Ce-148



36

Incident Energy (MeV)

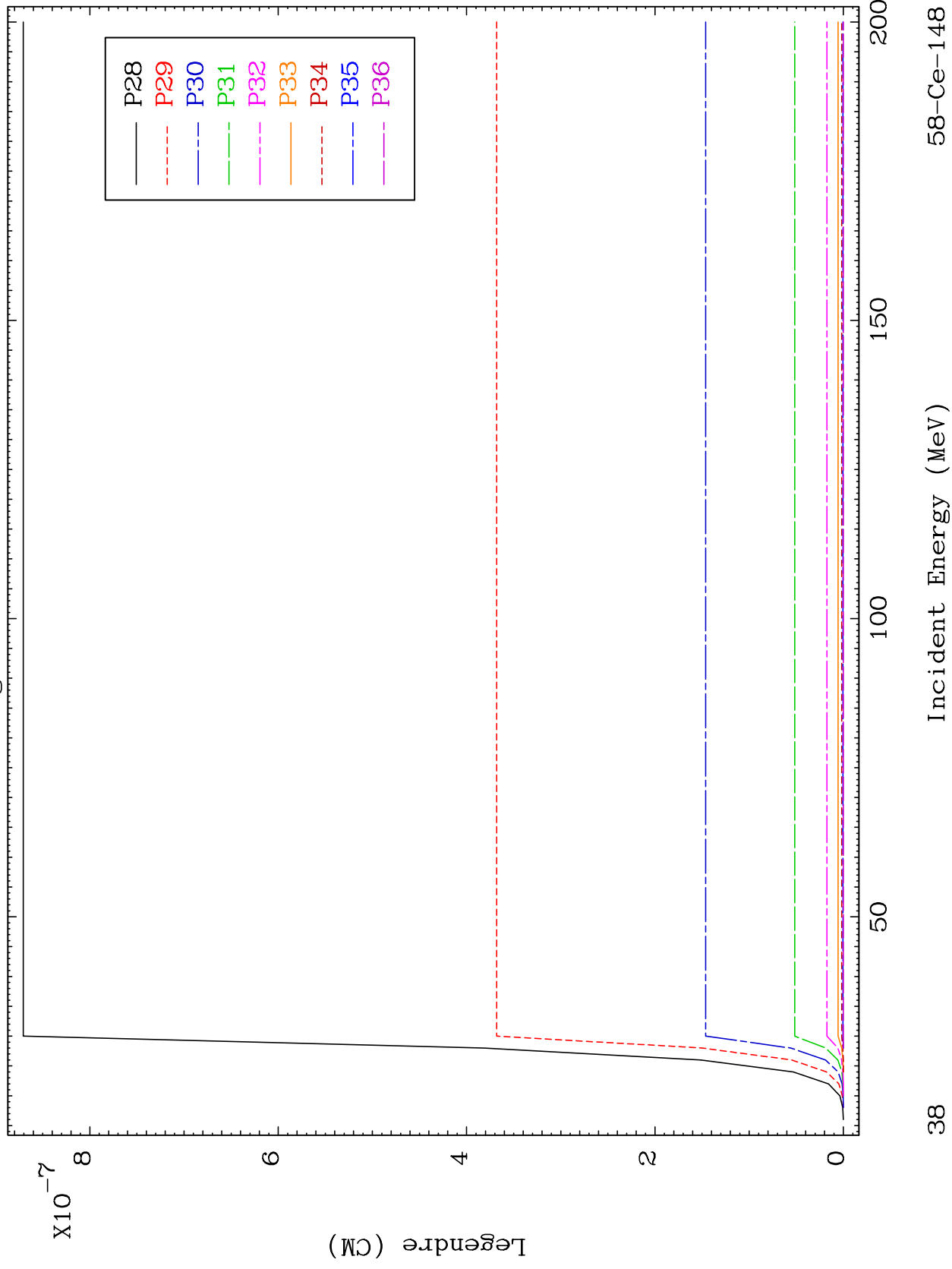
58-Ce-148



MAT 5861

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

58-Ce-148



38

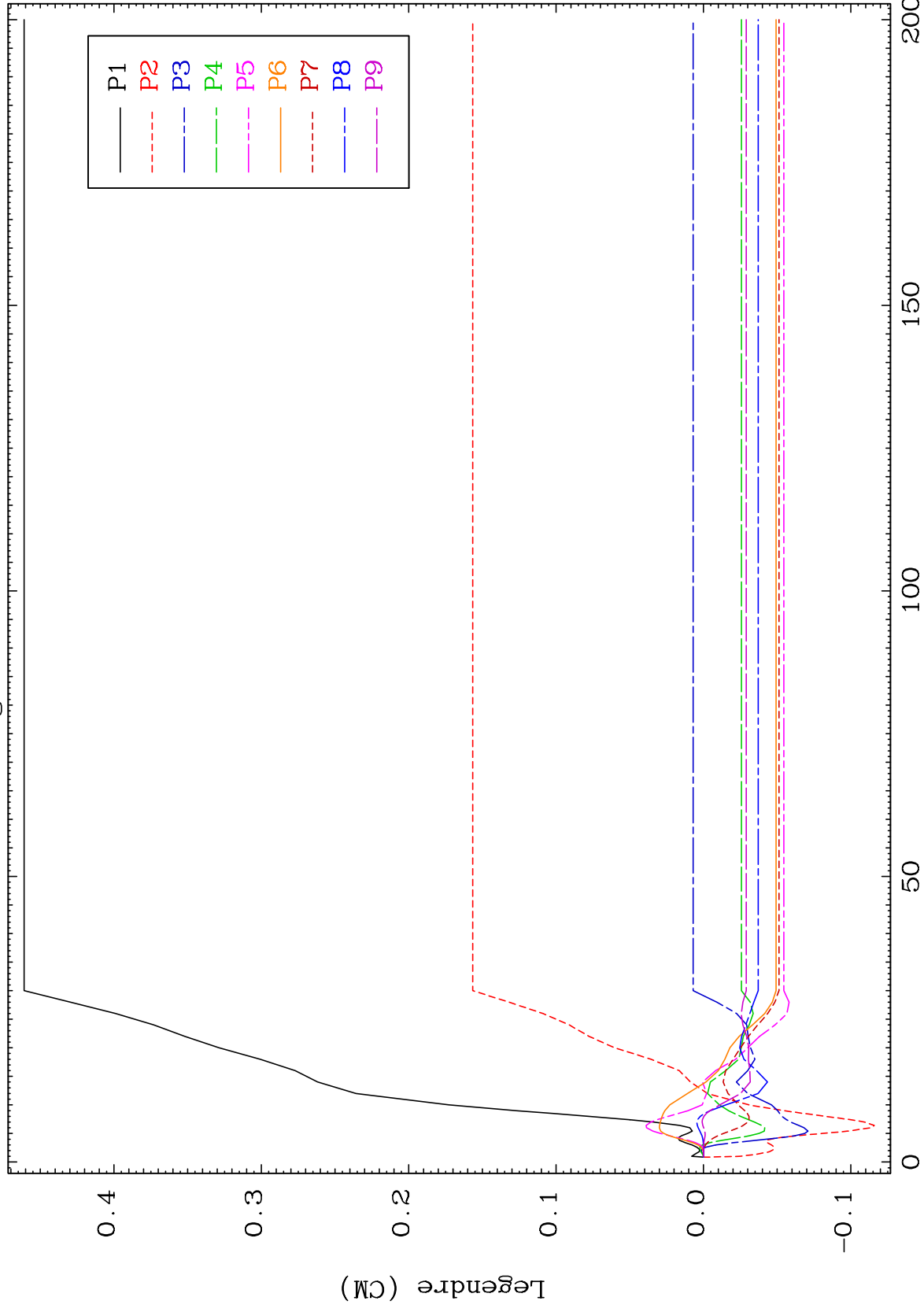
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



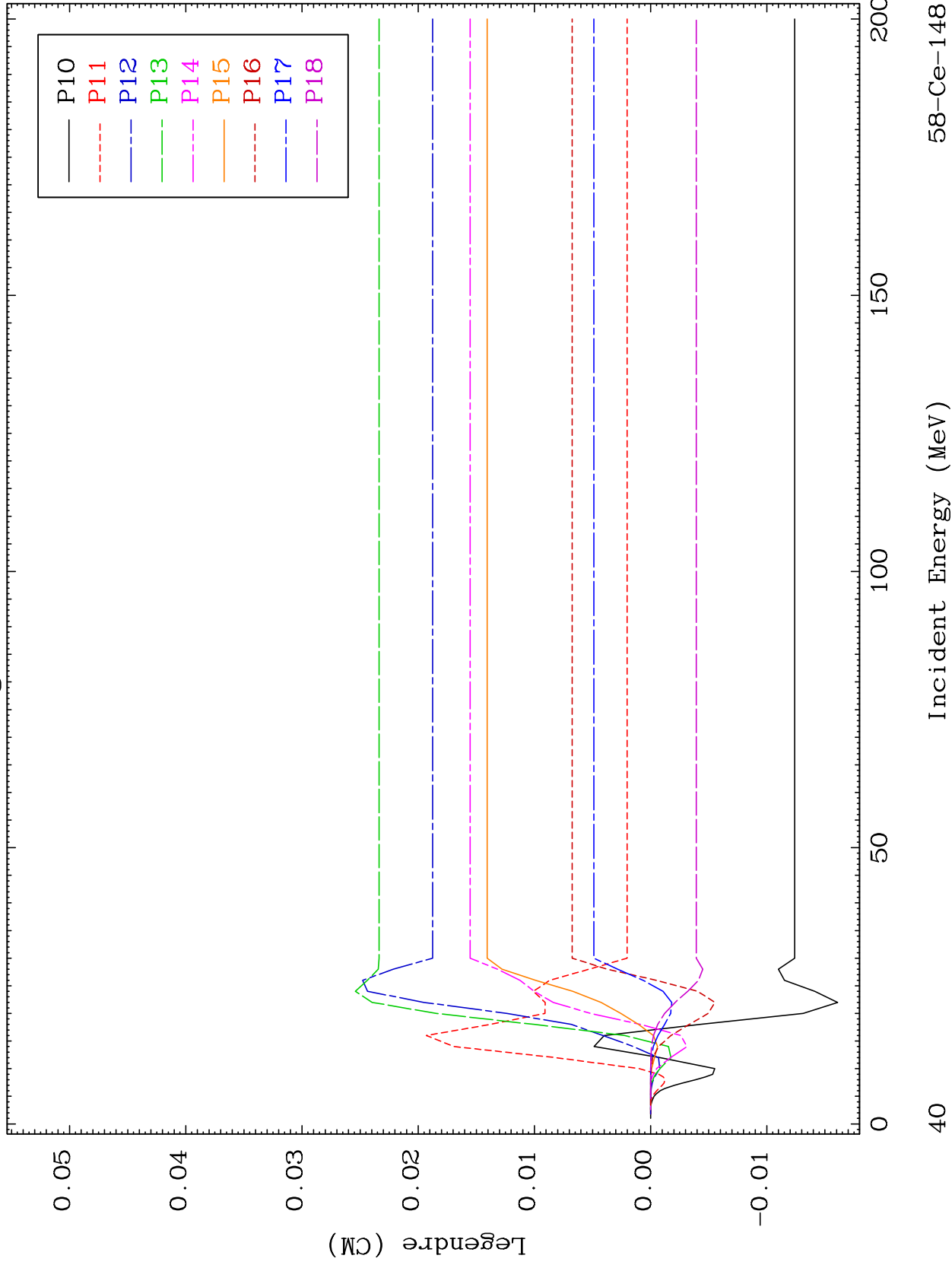
39

58-Ce-148

MAT 5861

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

58-Ce-148



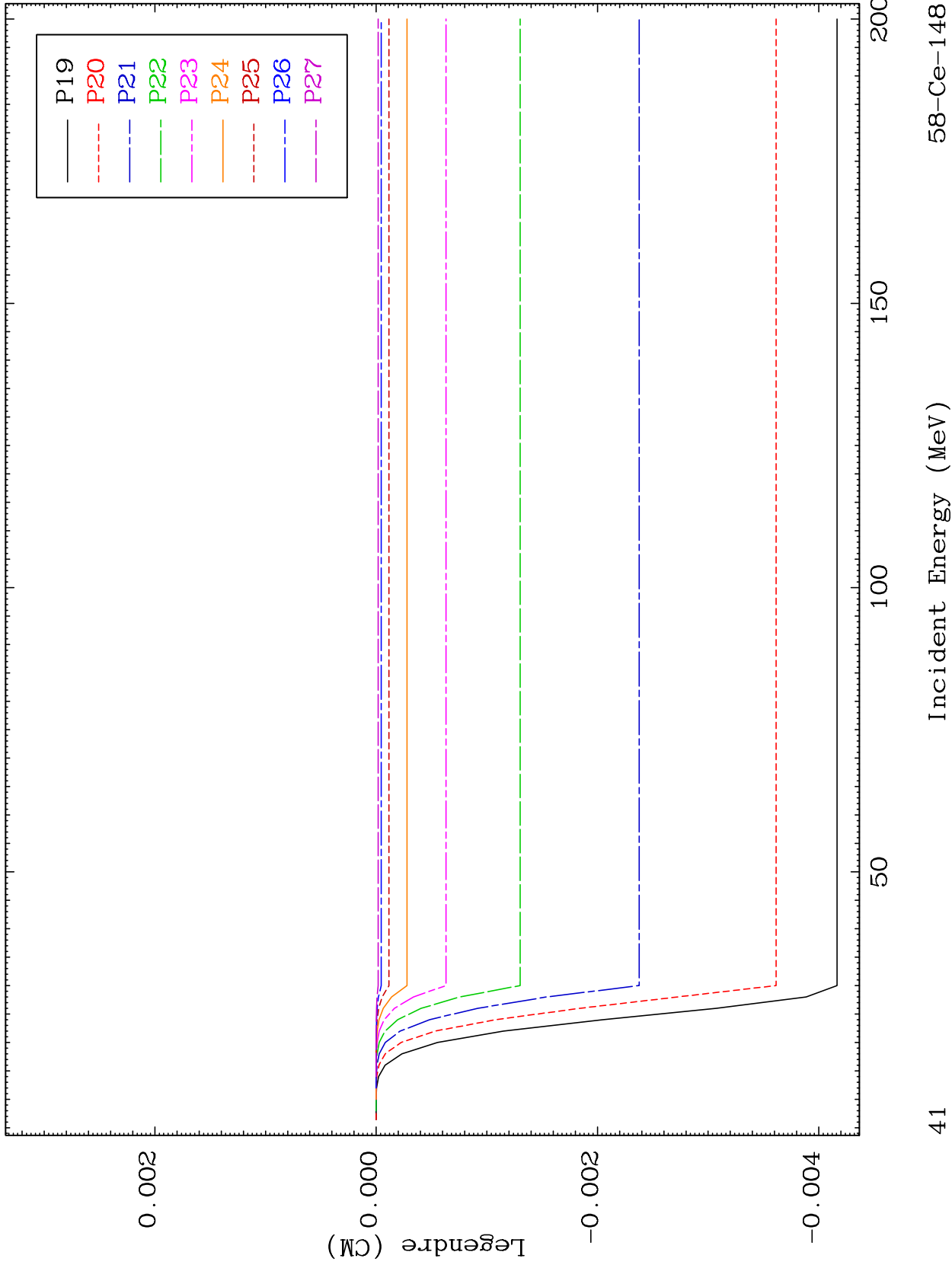
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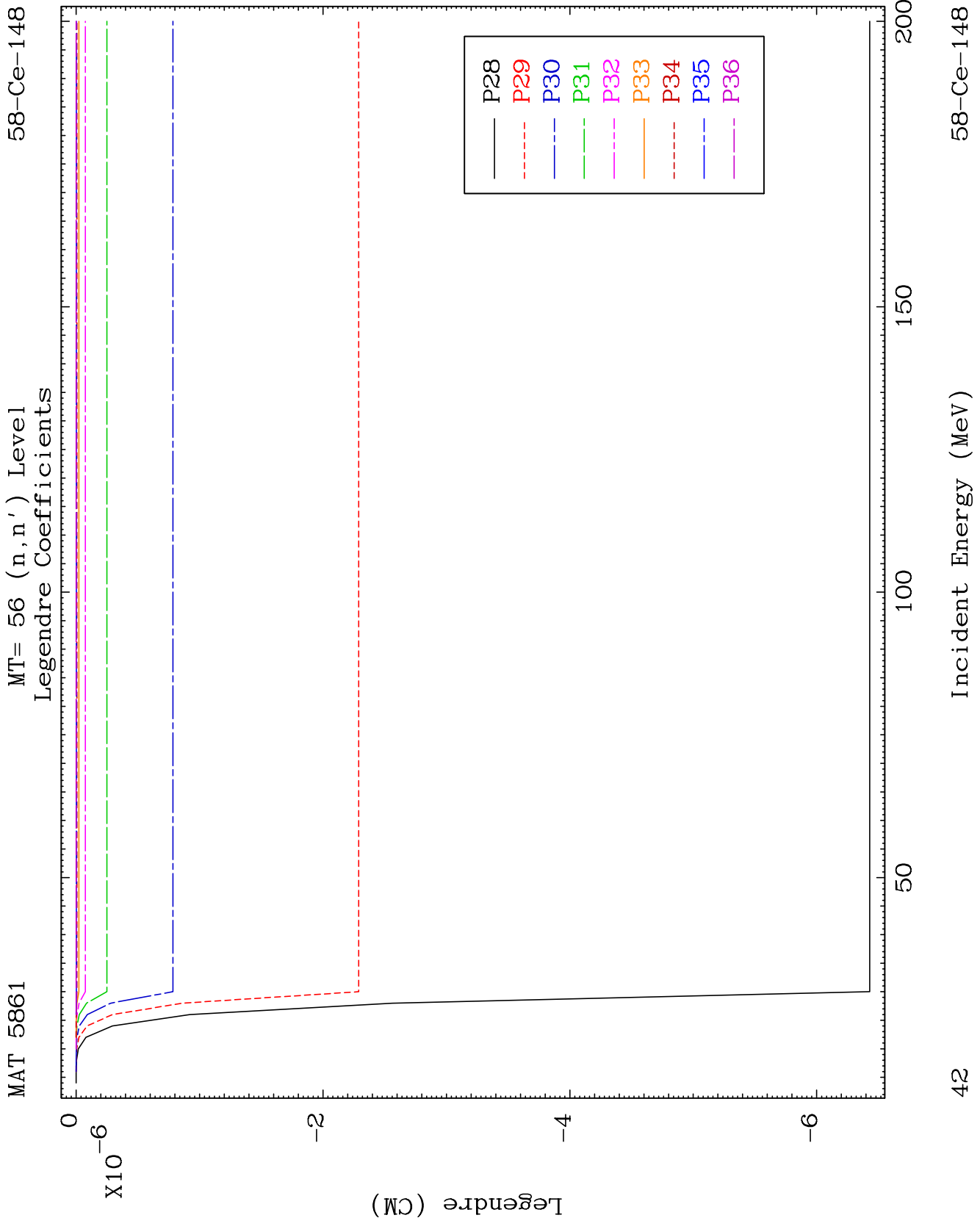
Incident Energy (MeV)

MAT 5861

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

58-Ce-148

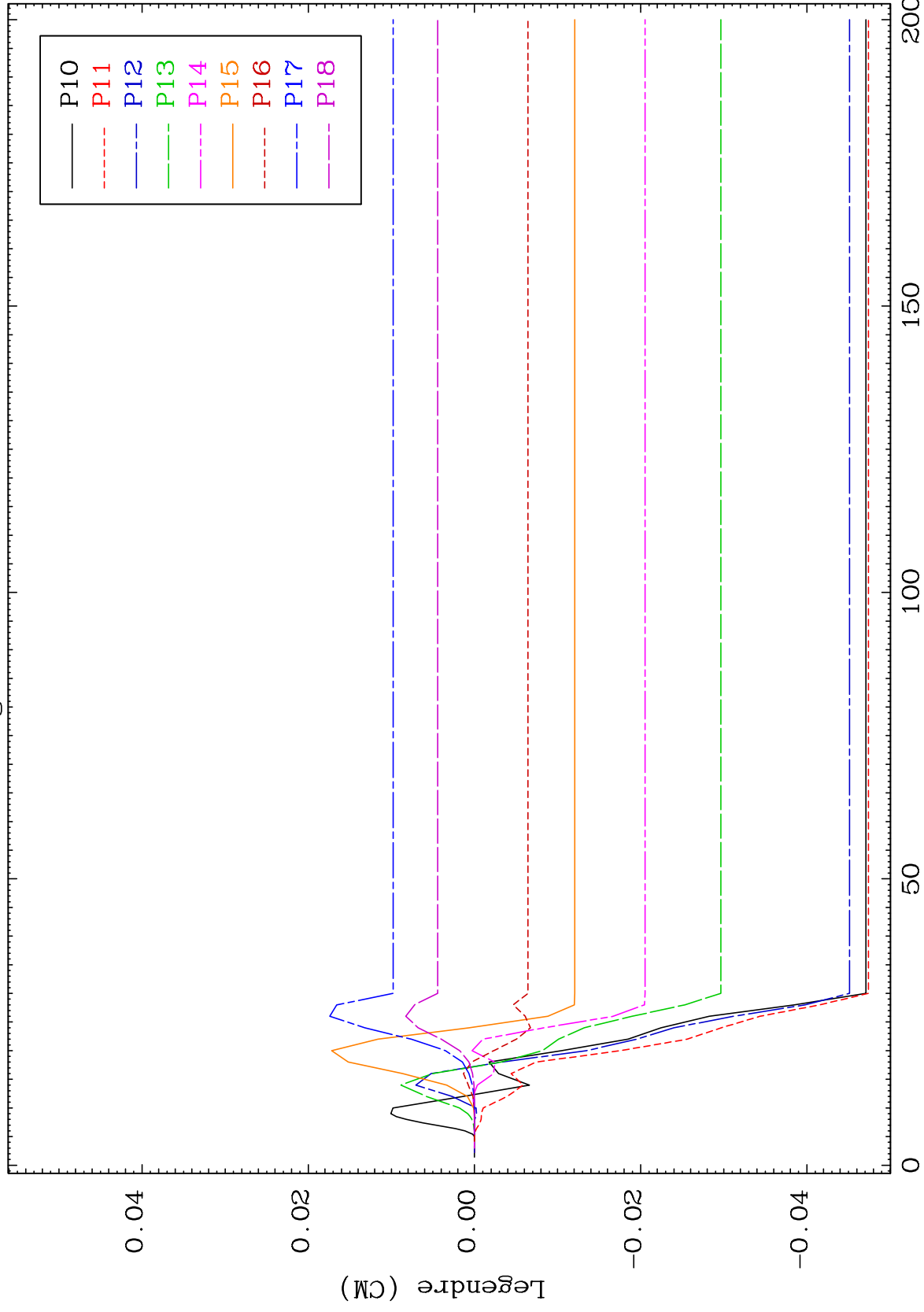




MAT 5861

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

58-Ce-148



44

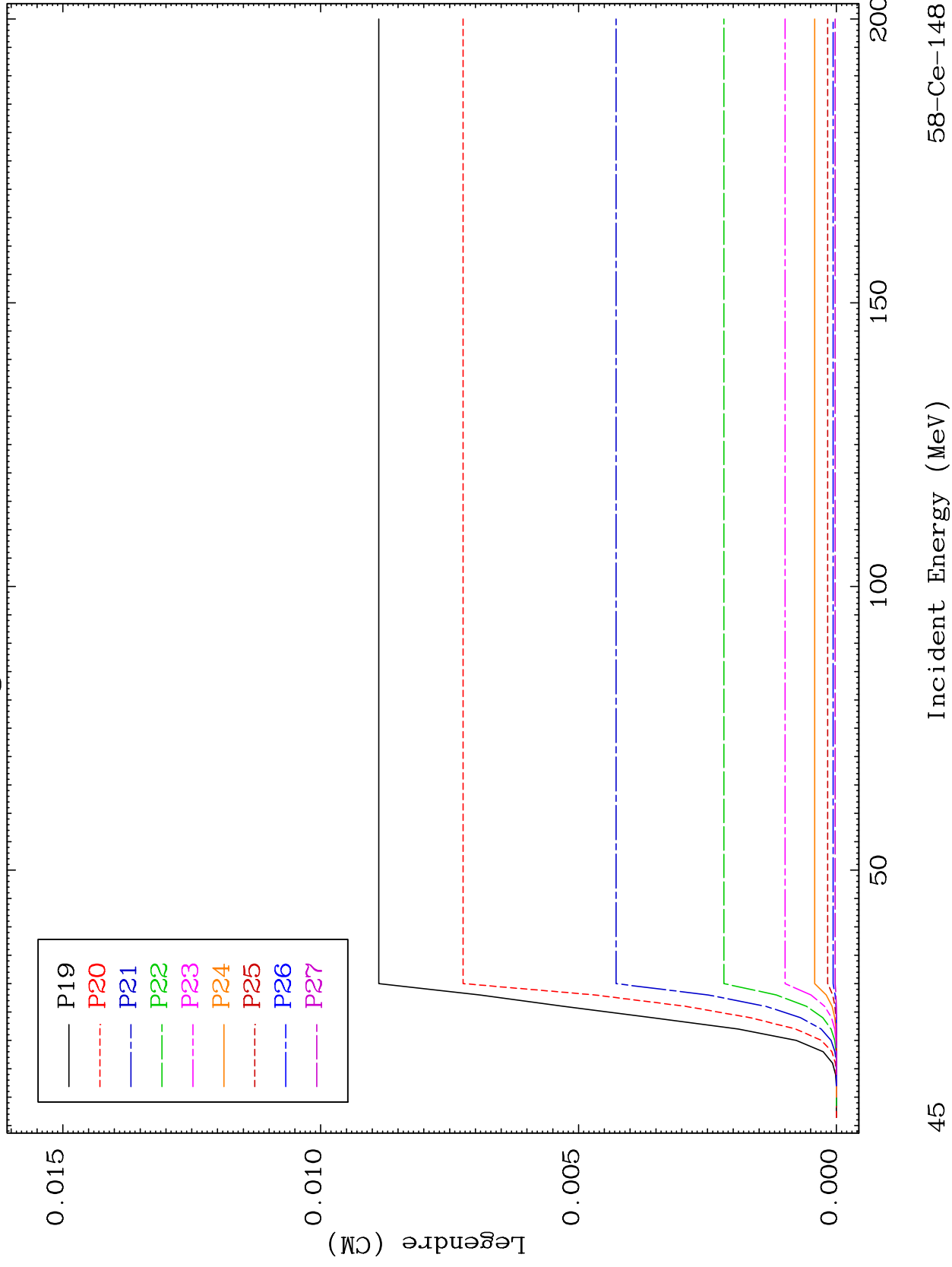
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

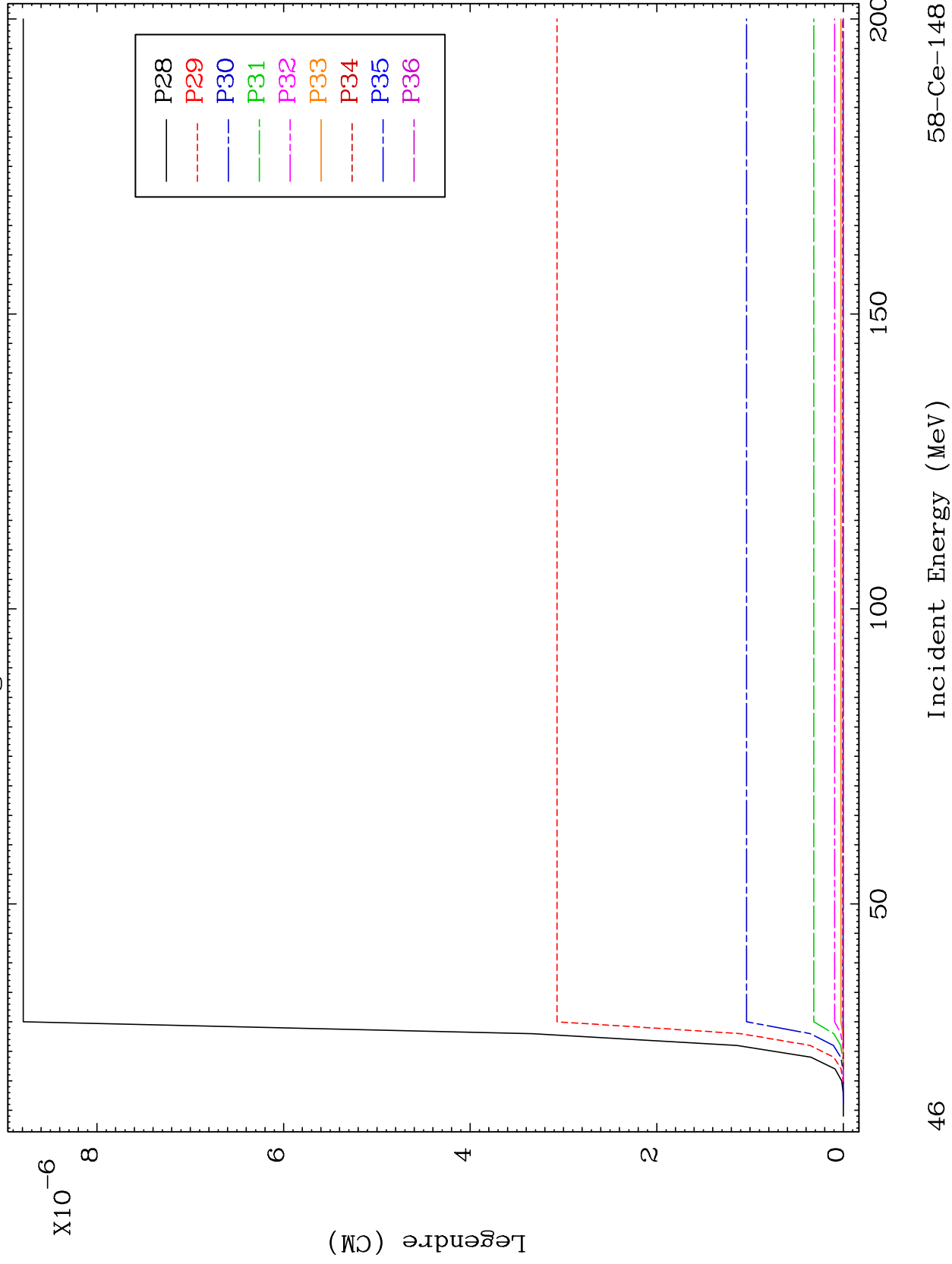
Incident Energy (MeV)

45

MAT 5861

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

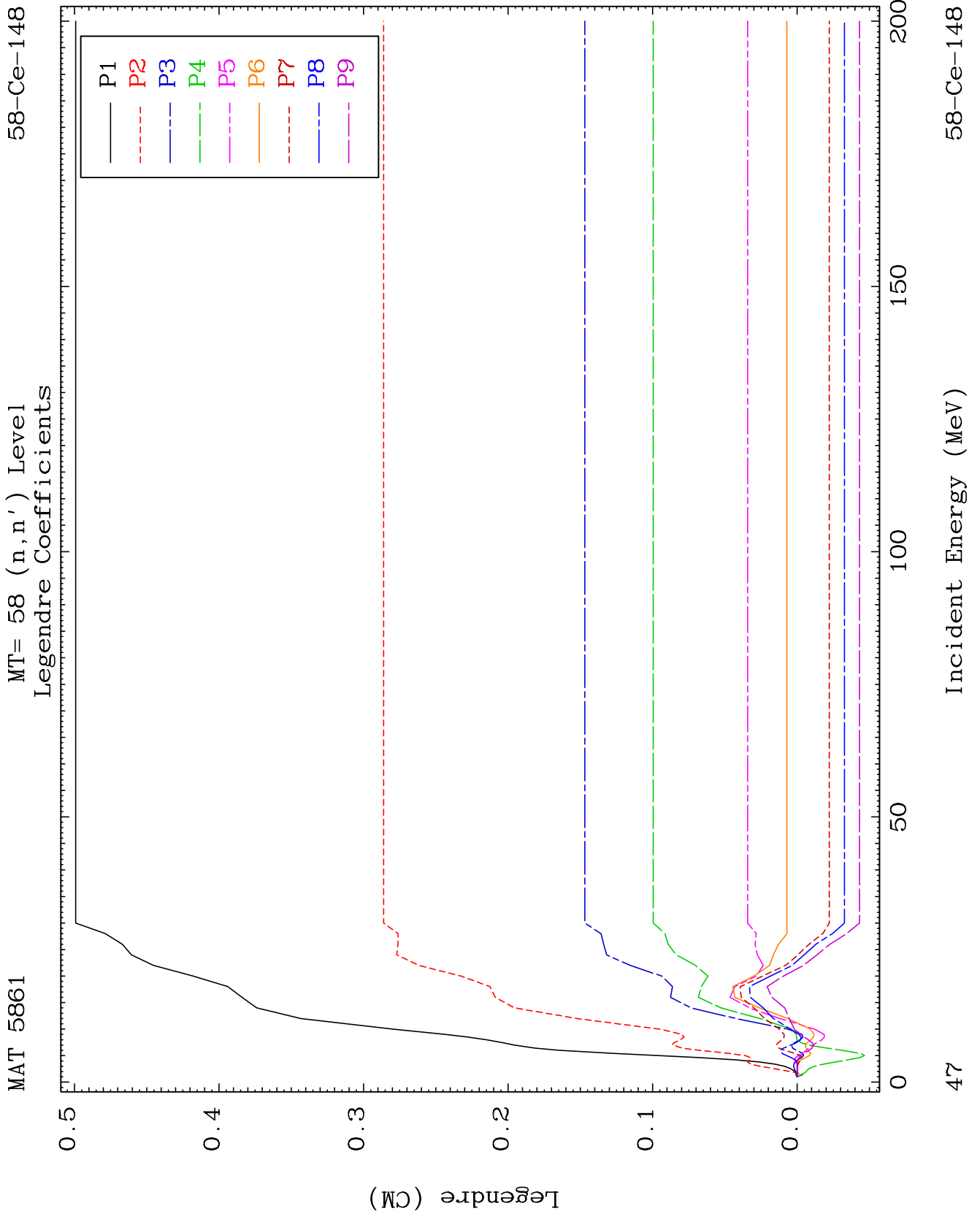
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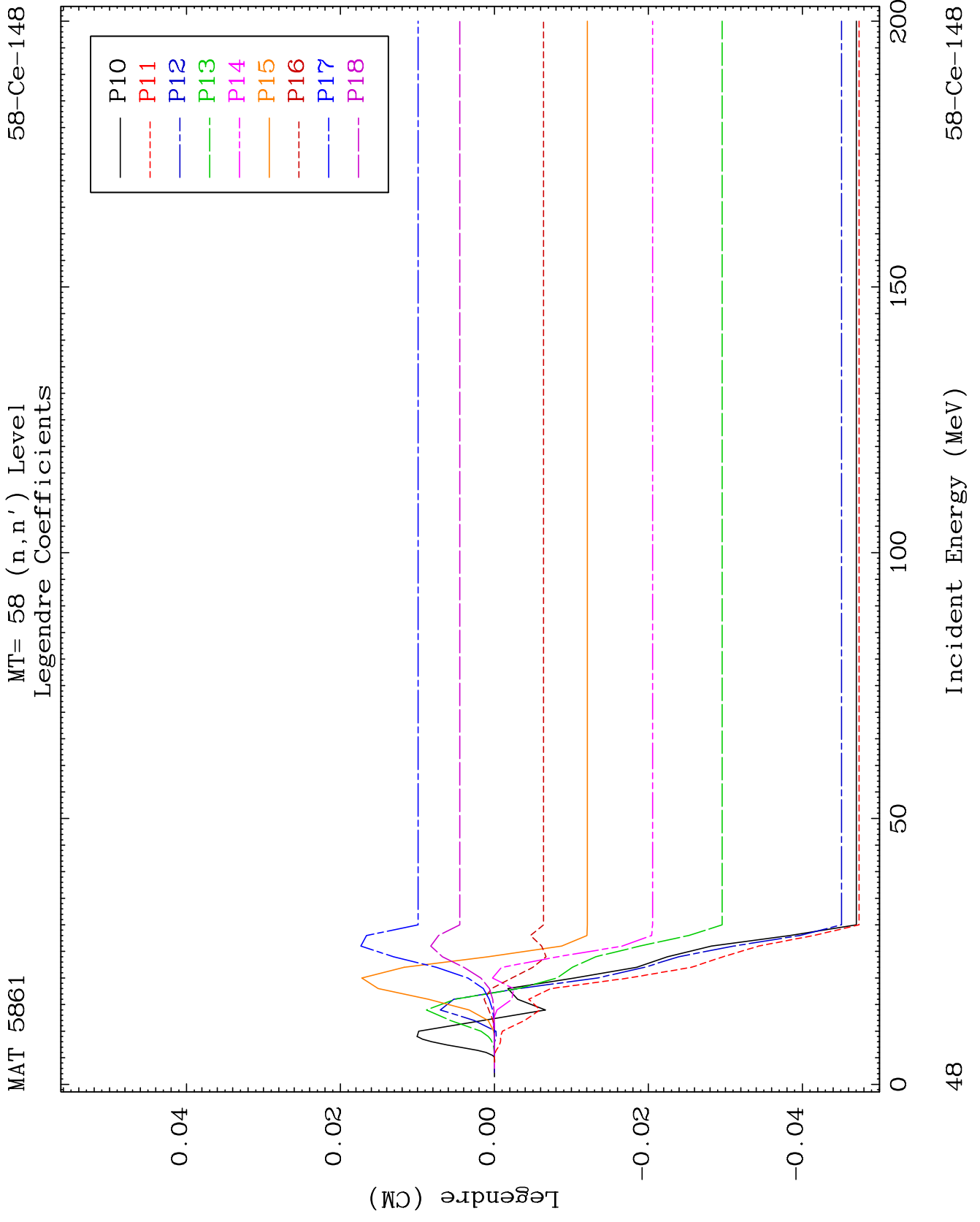


46

Incident Energy (MeV)

58-Ce-148

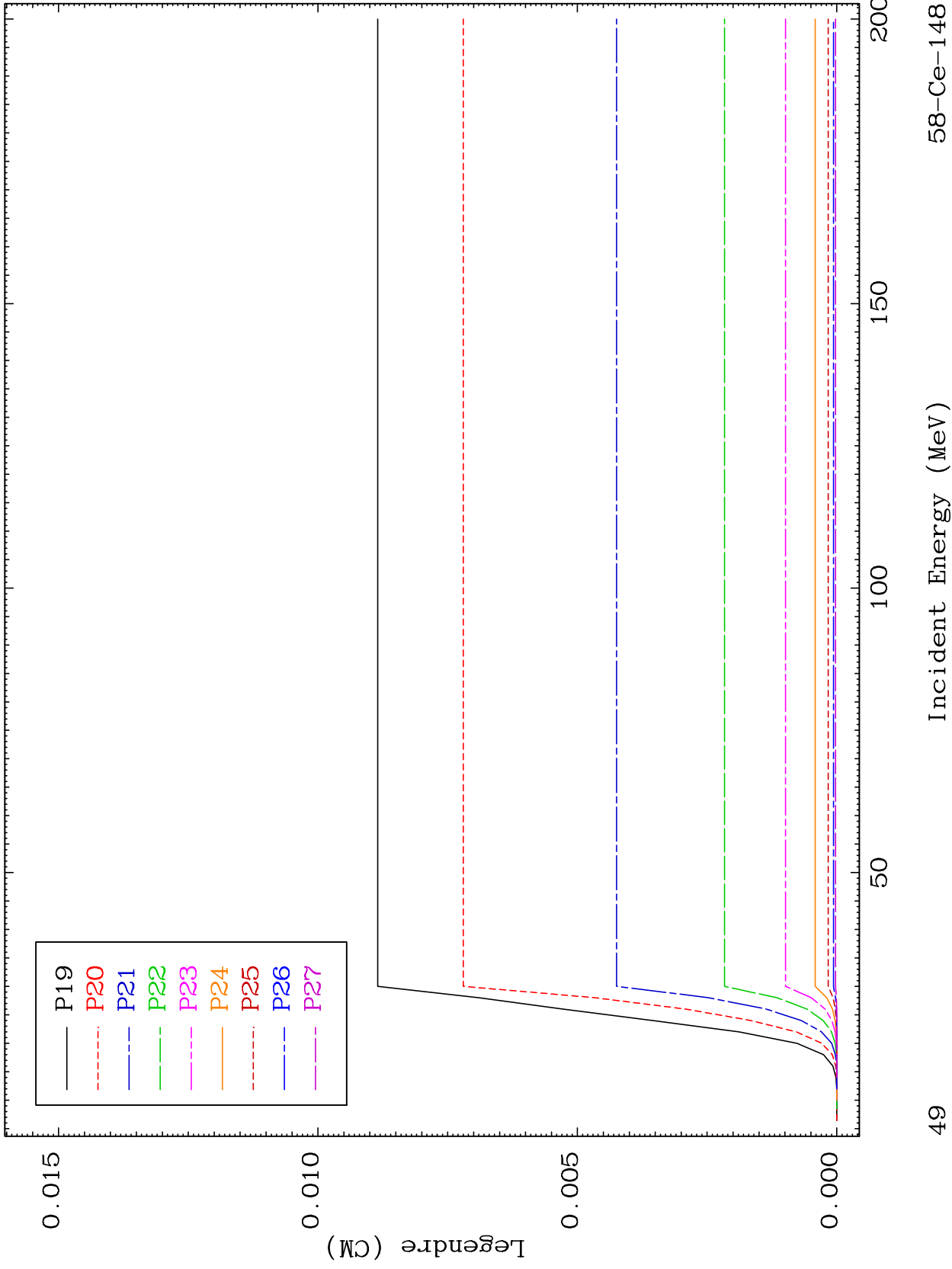




MAT 5861

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

58-Ce-148



49

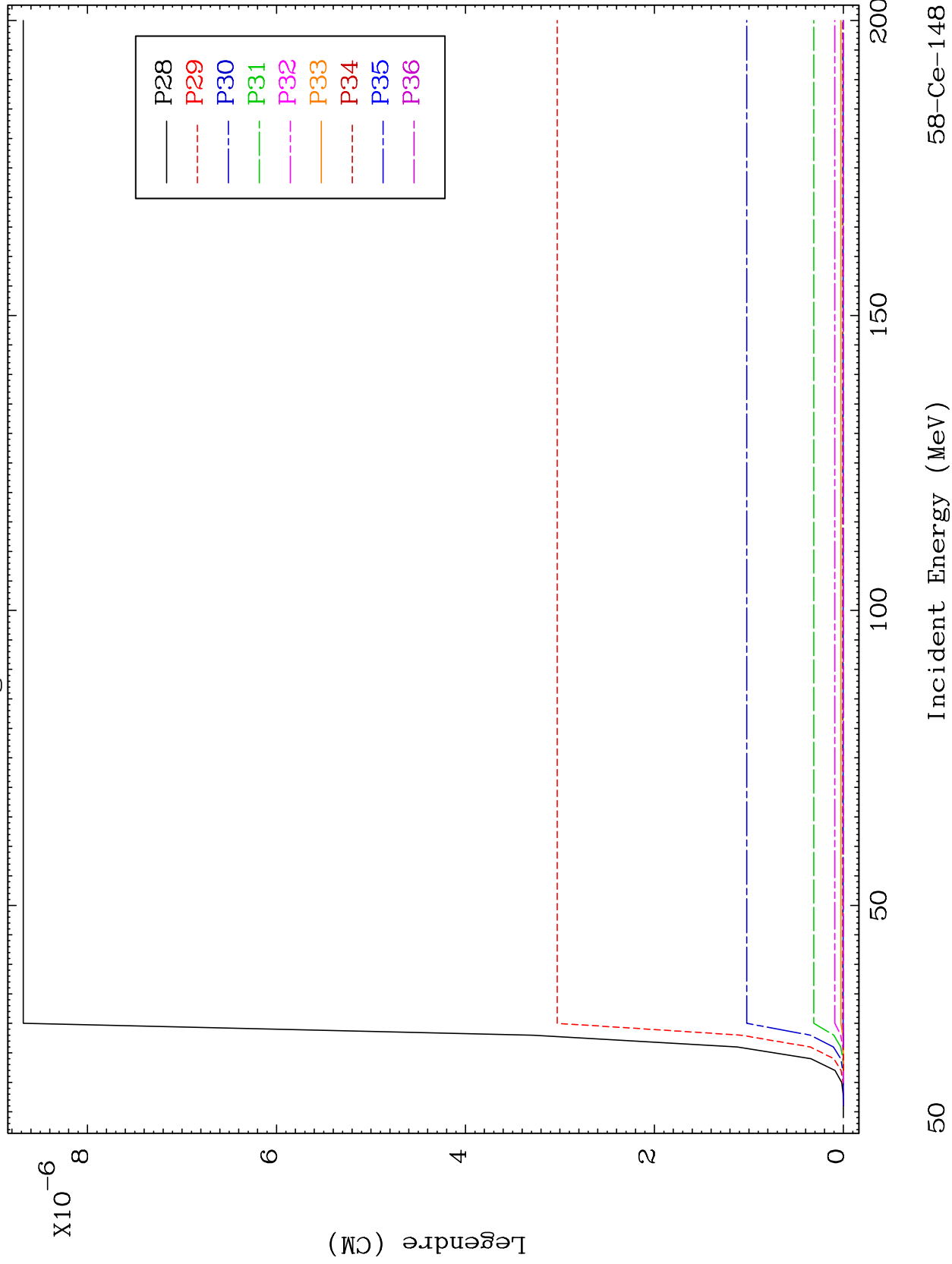
Incident Energy (MeV)

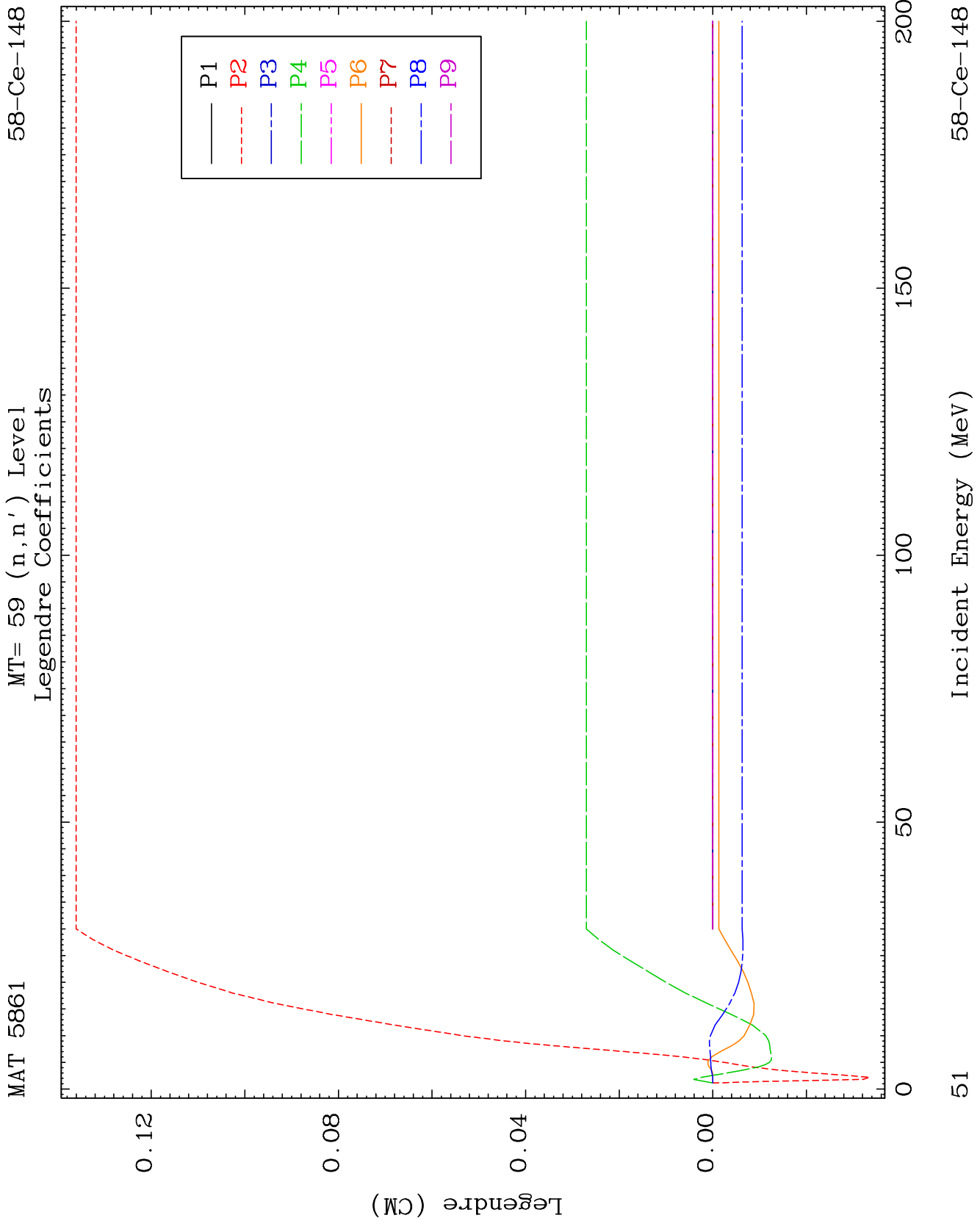
58-Ce-148

MAT 5861

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

58-Ce-148





58-Ce-148

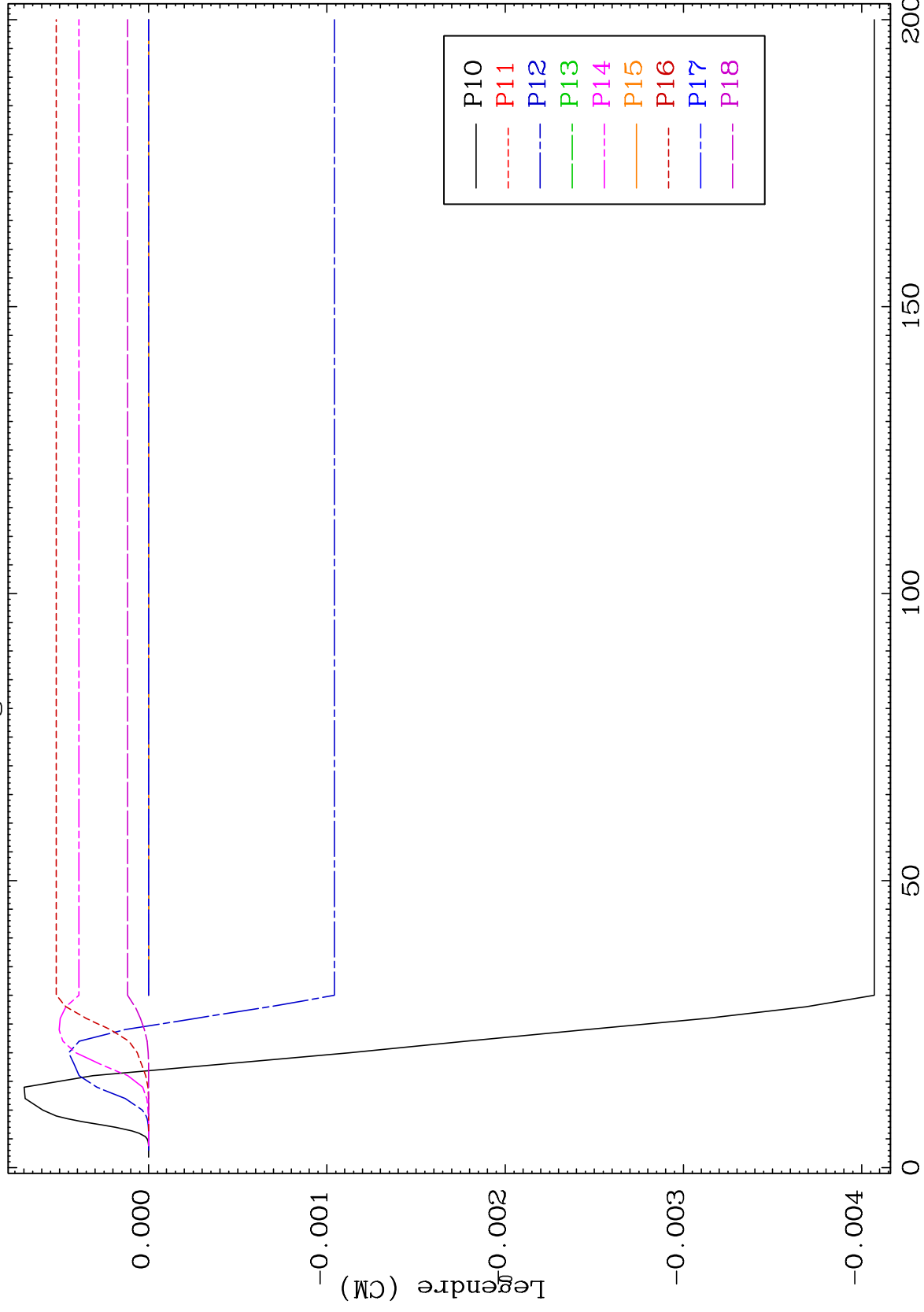
Incident Energy (MeV)

51

MAT 5861

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

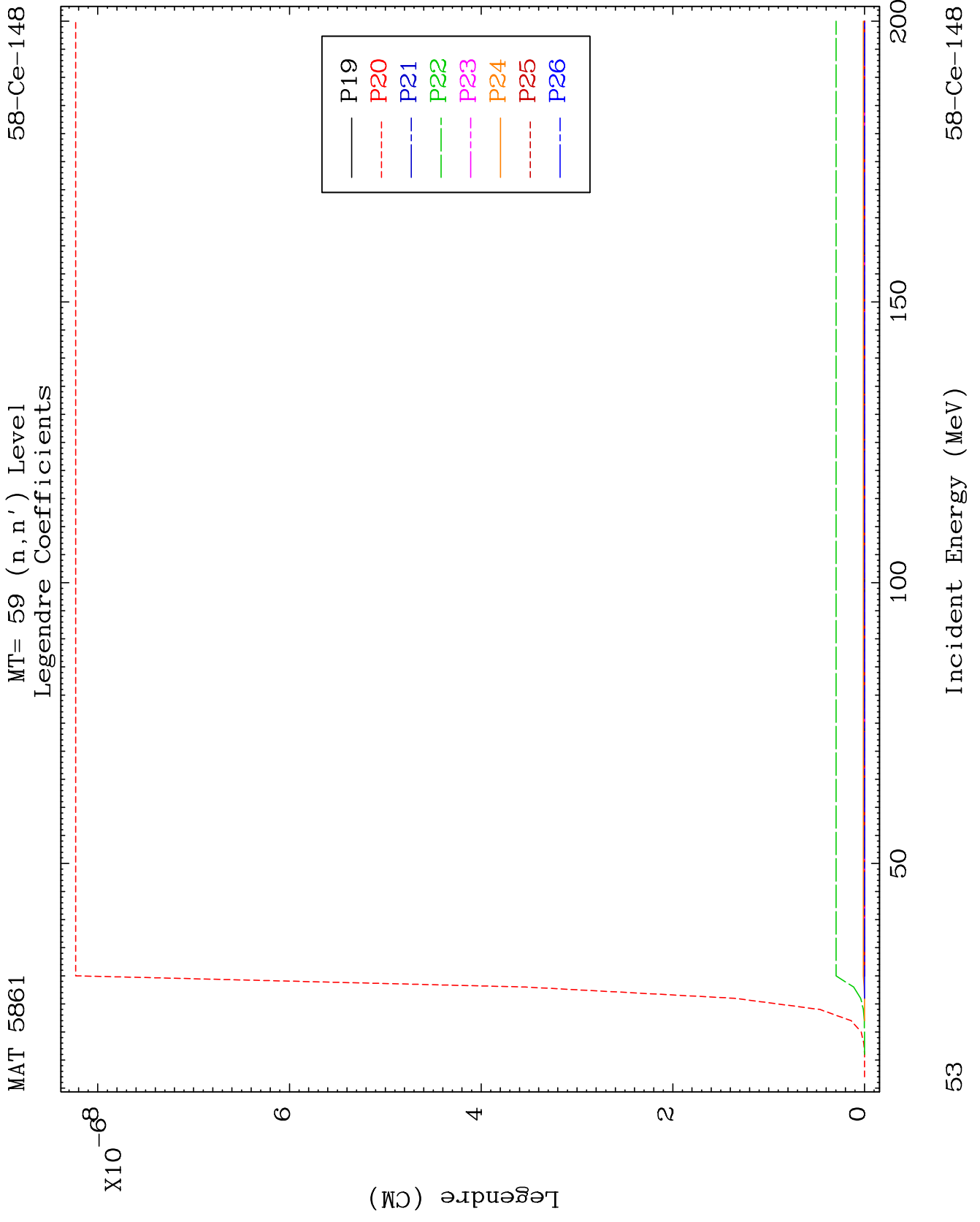
58-Ce-148



52

Incident Energy (MeV)

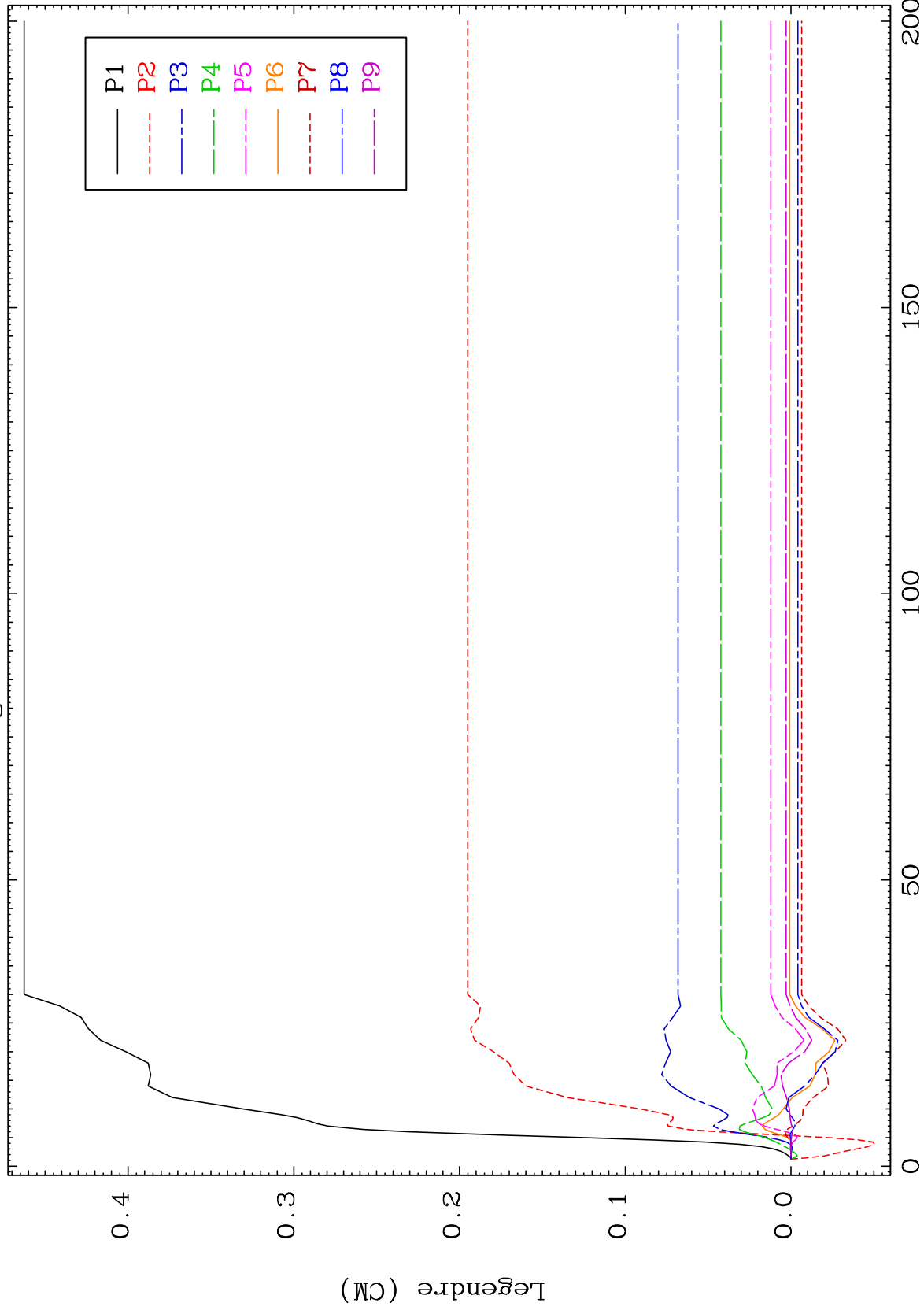
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

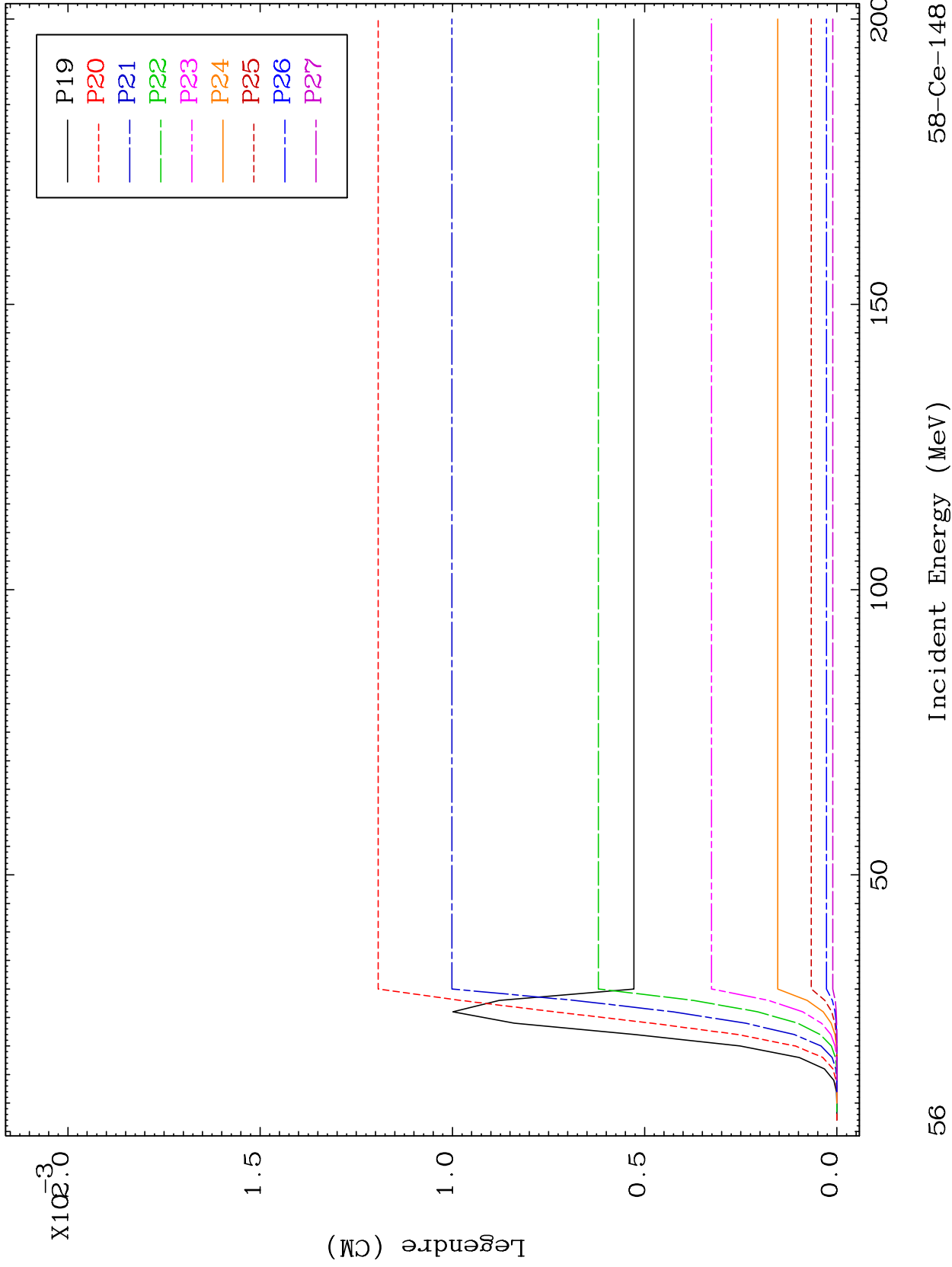
Incident Energy (MeV)

54

MAT 5861

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

58-Ce-148



56

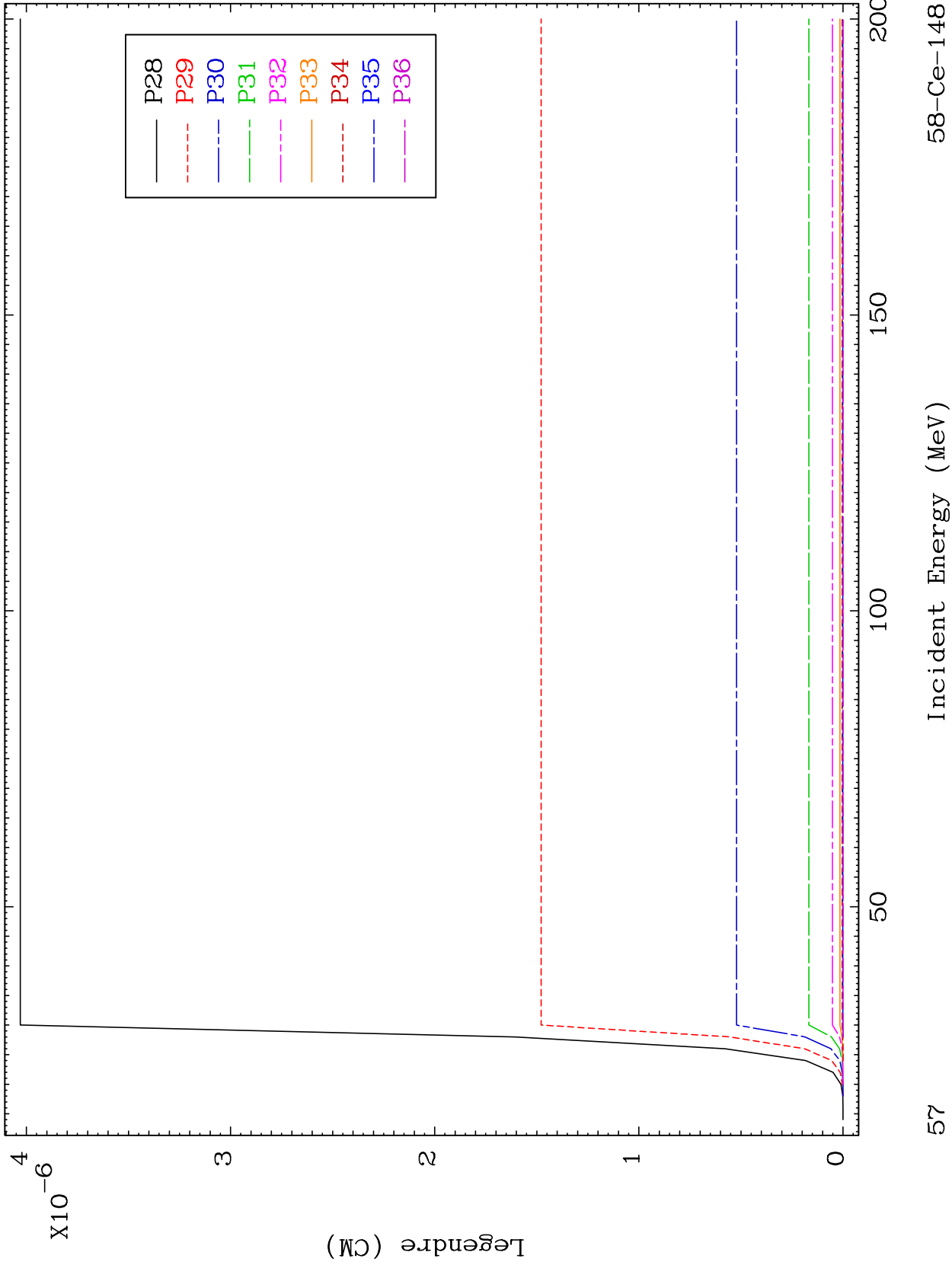
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

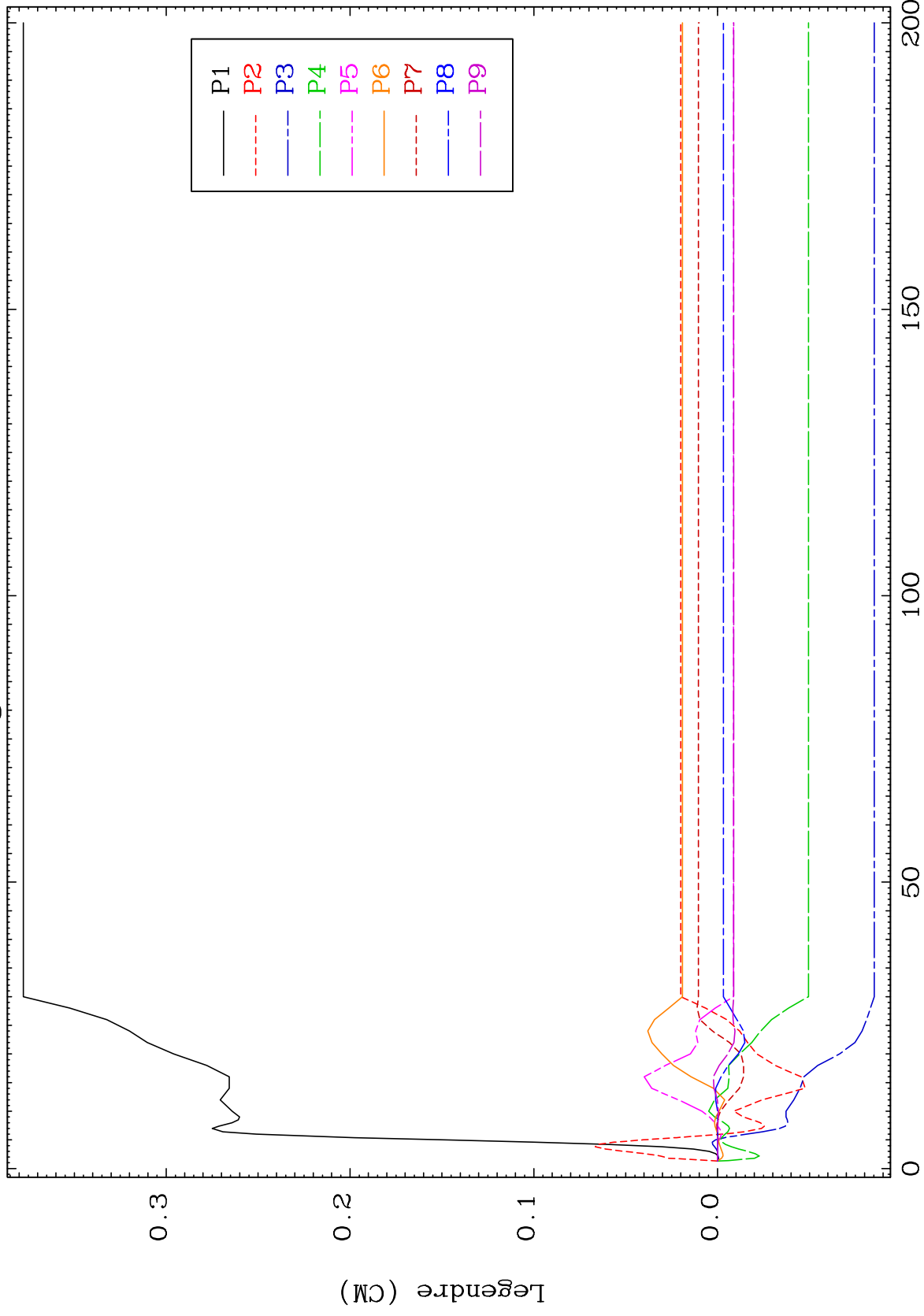
58-Ce-148



MAT 5861

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

58-Ce-148



58

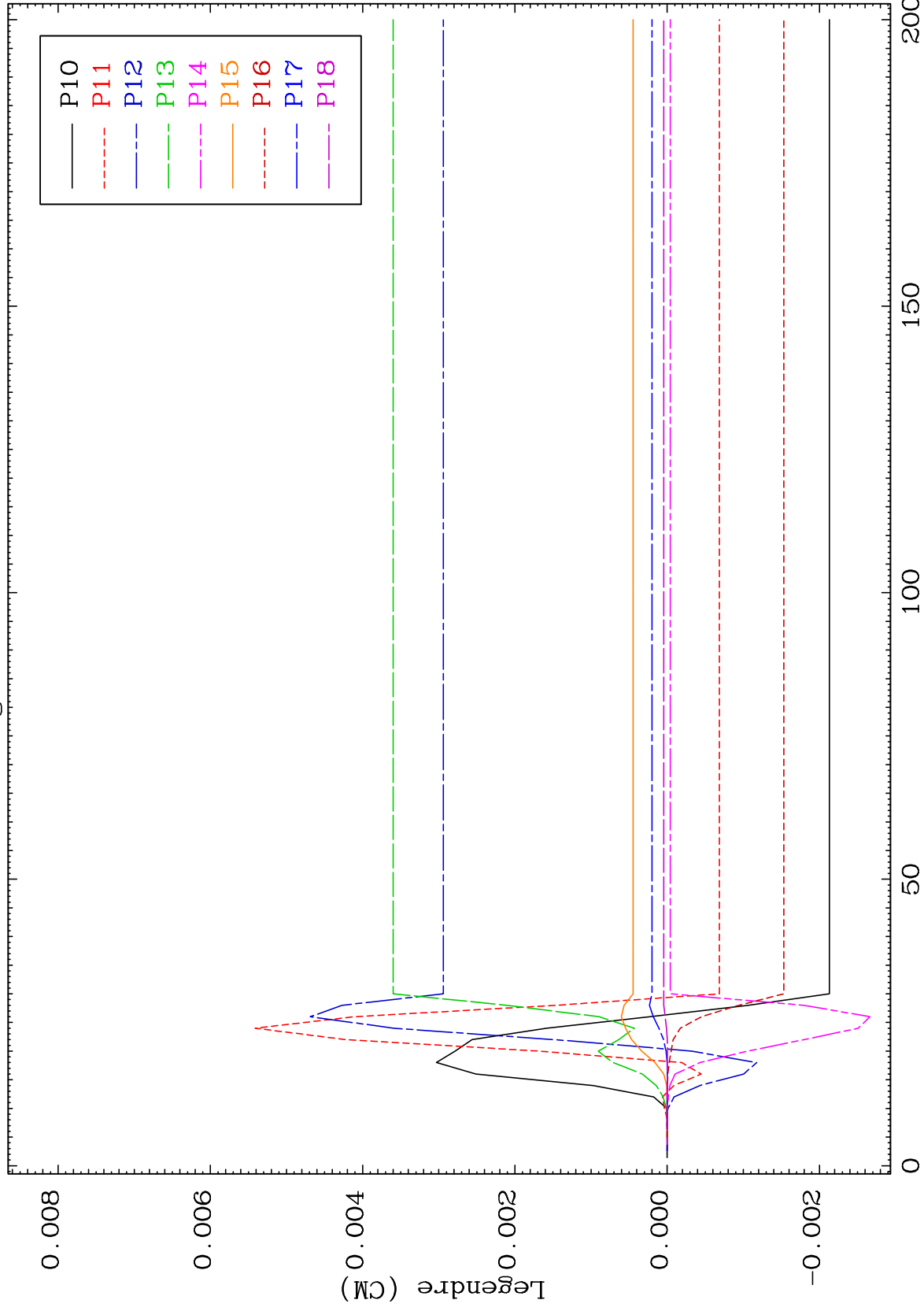
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



59

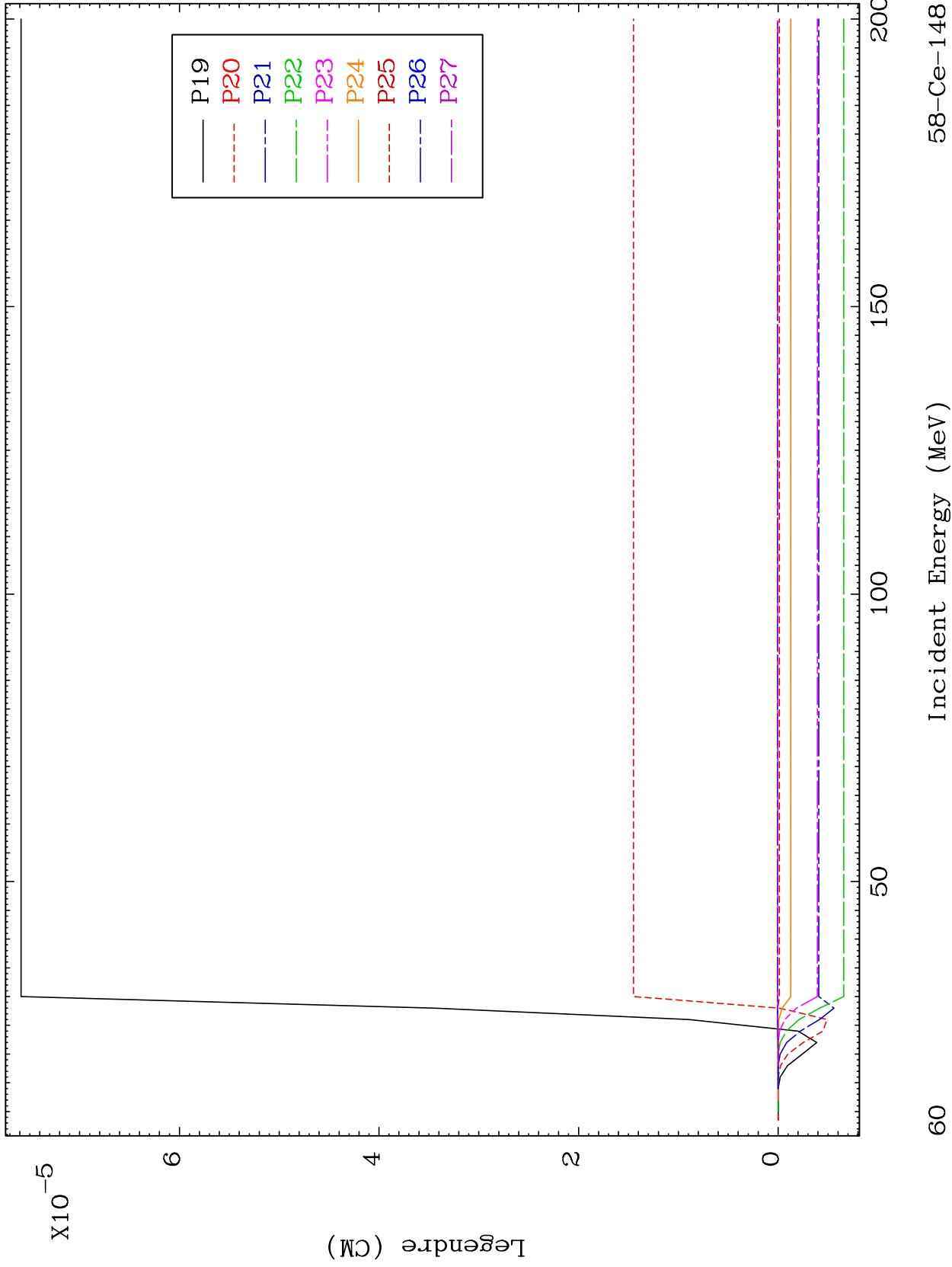
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

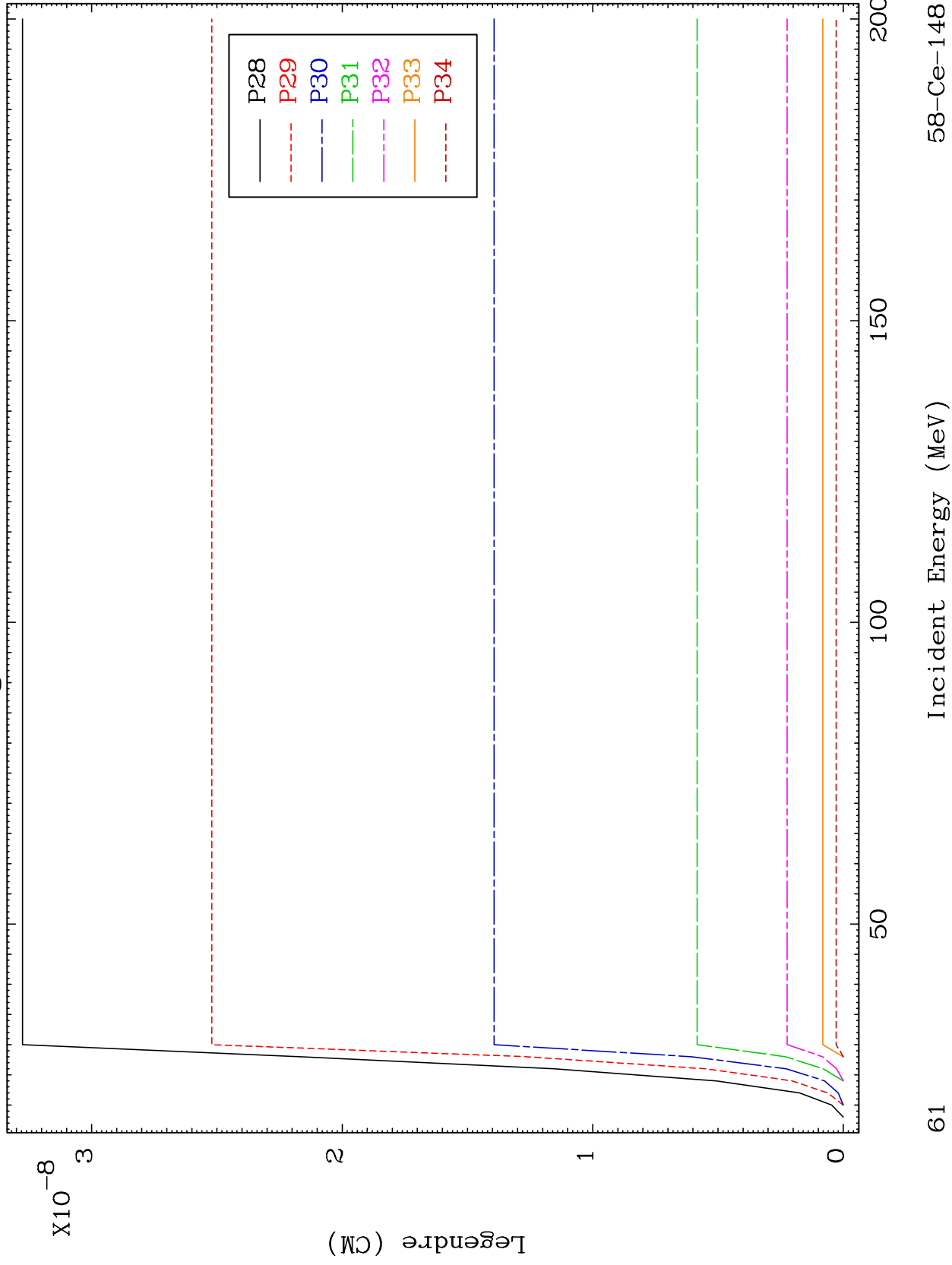
58-Ce-148



MAT 5861

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

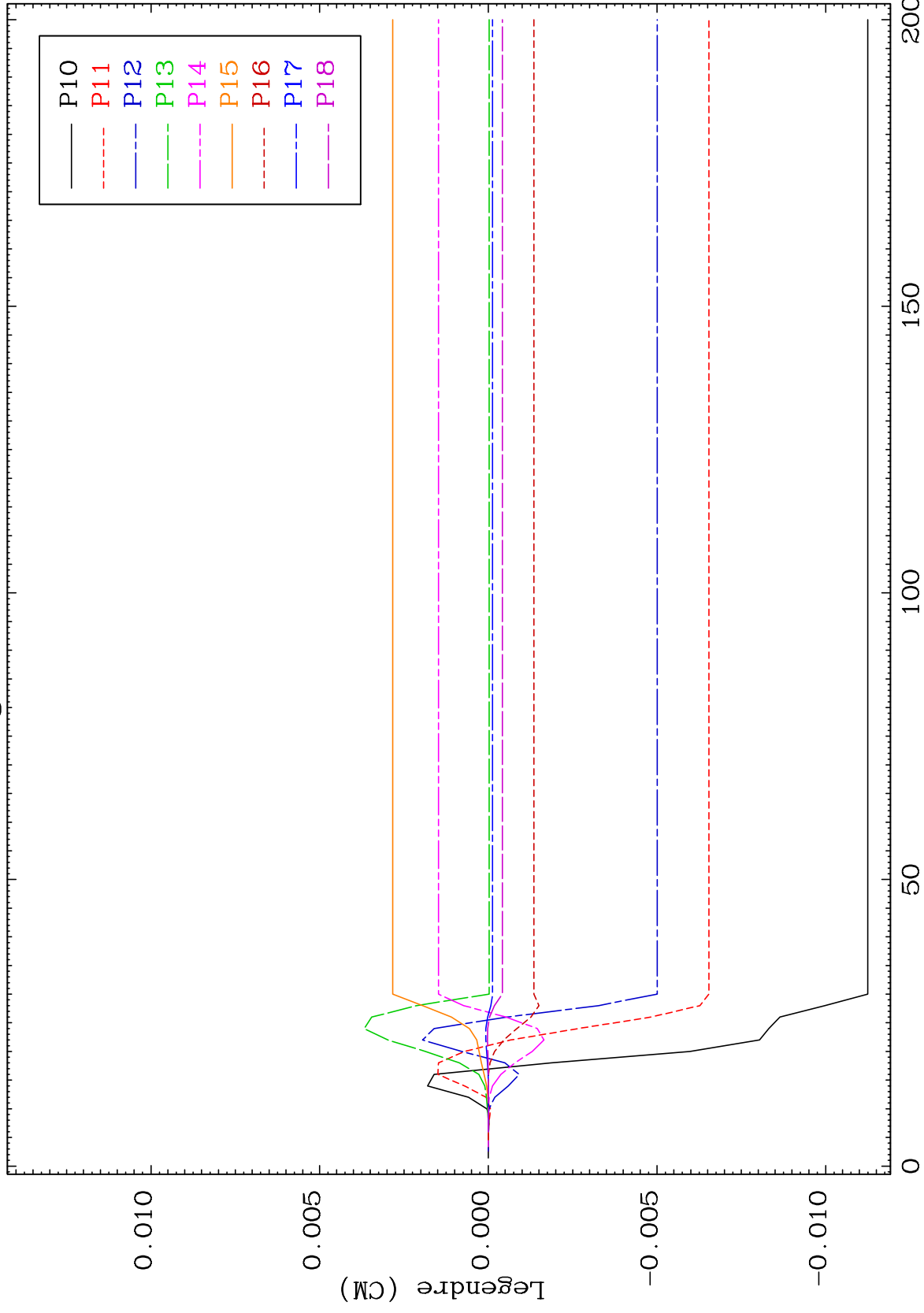
58-Ce-148



MAT 5861

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

58-Ce-148



63

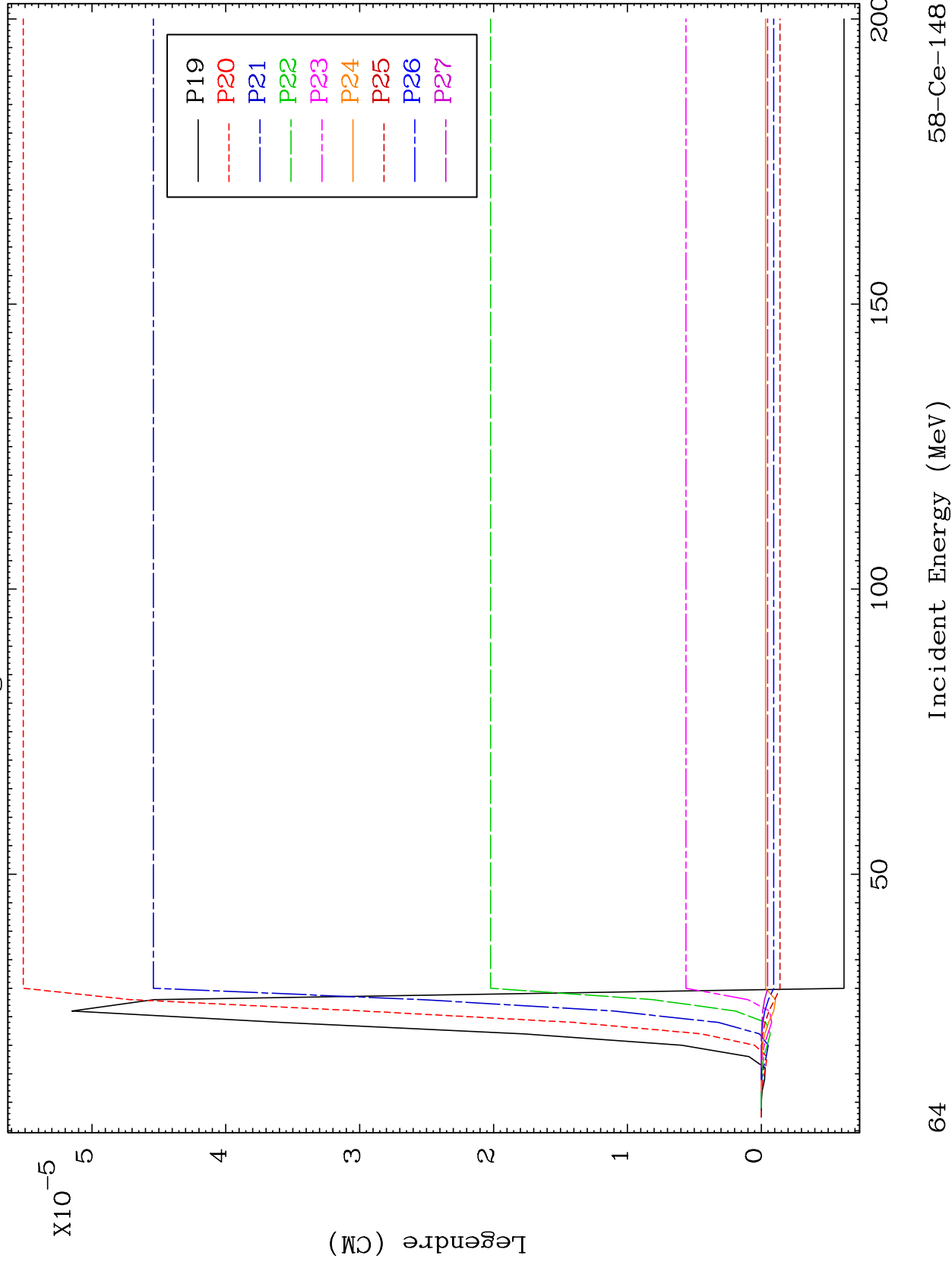
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



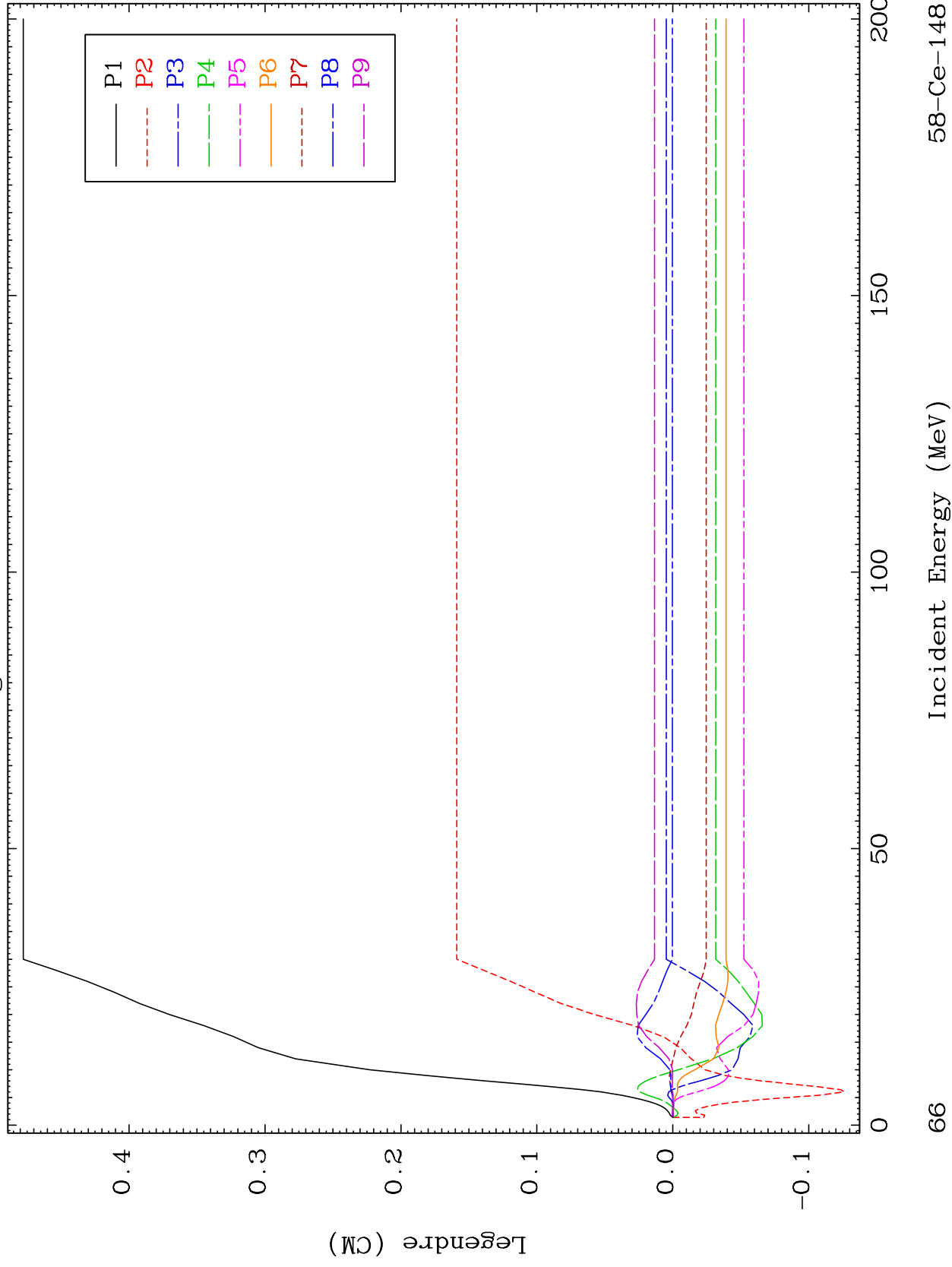
64

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

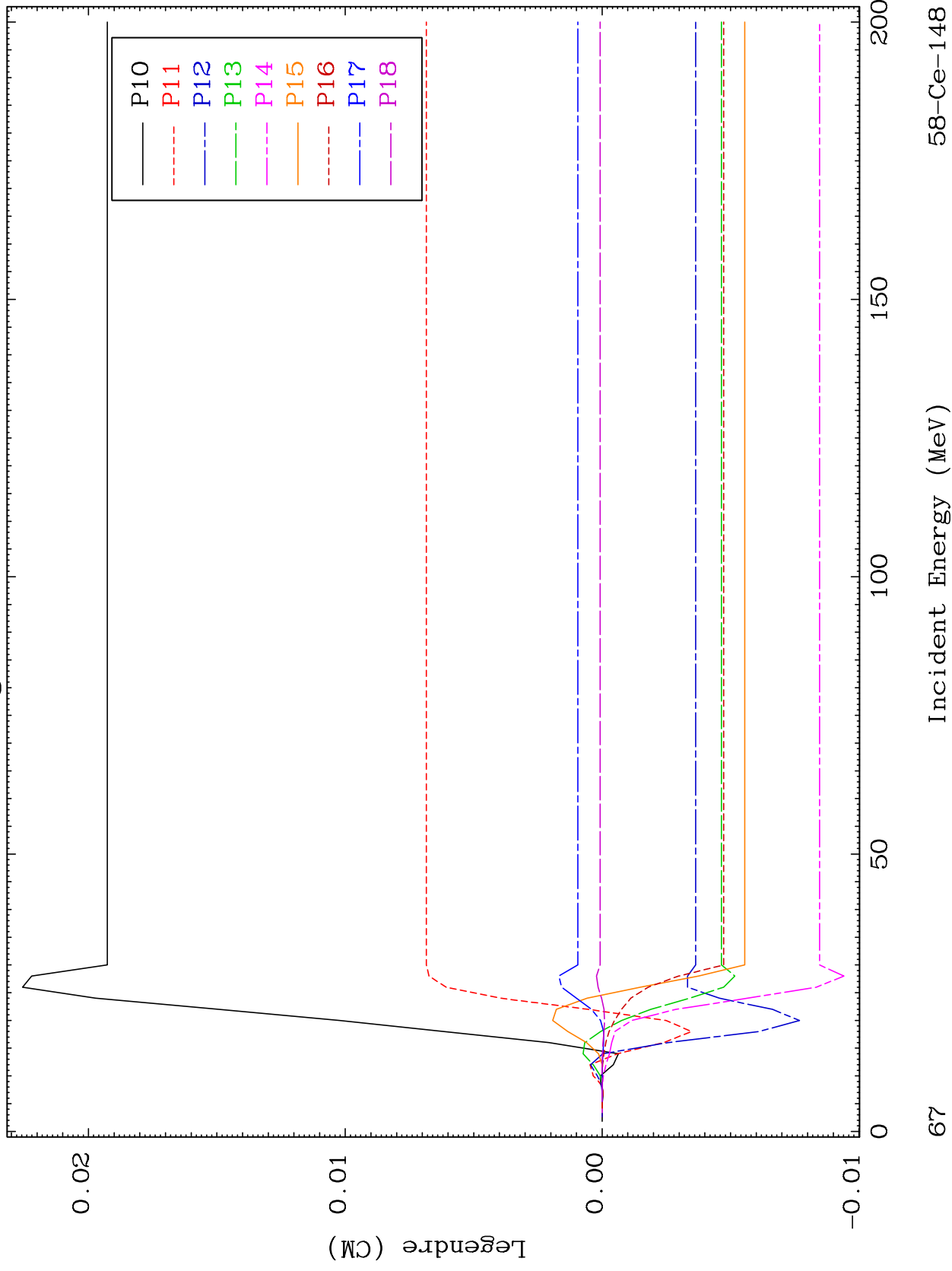
Incident Energy (MeV)

66

MAT 5861

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

58-Ce-148



67

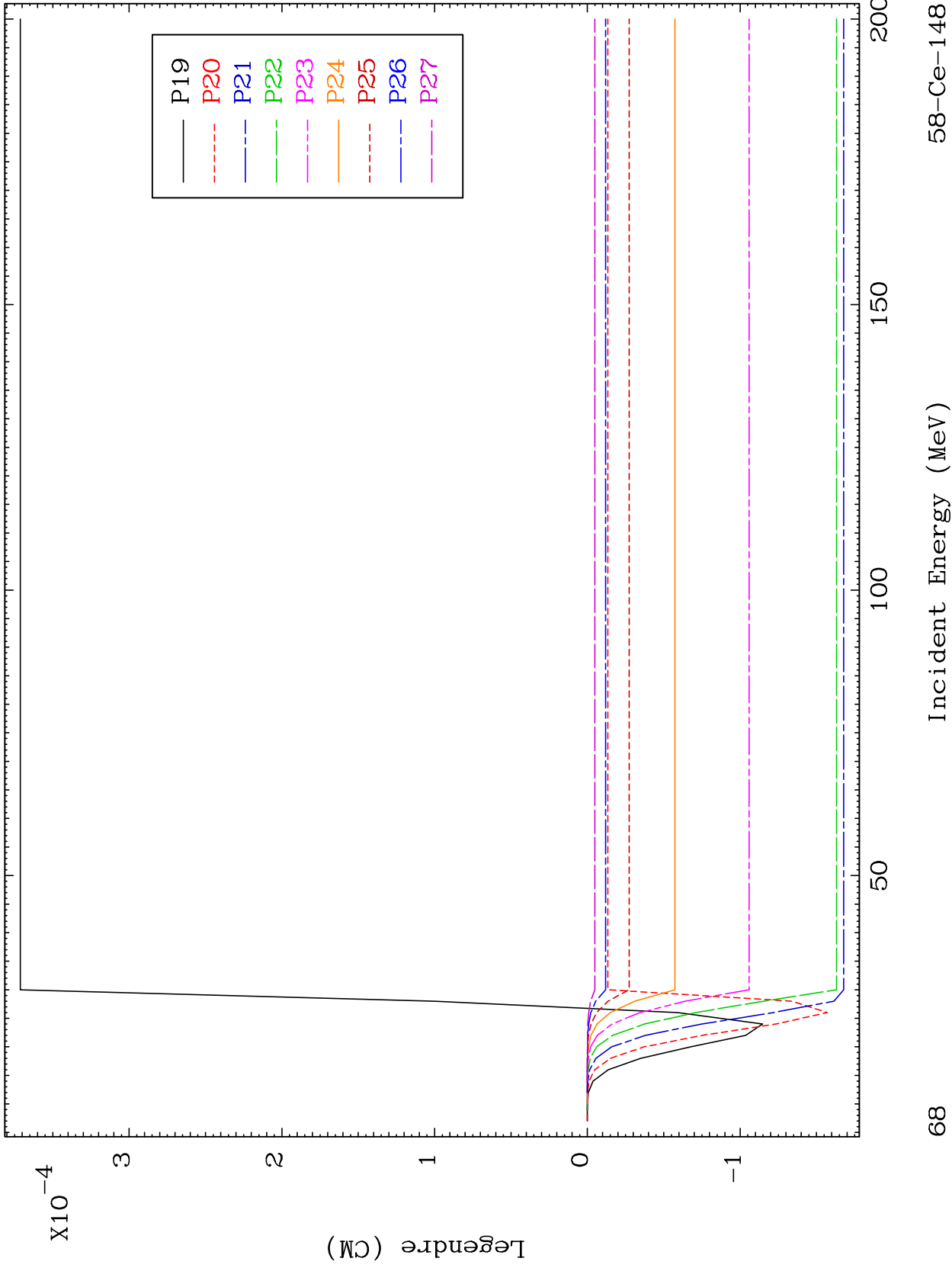
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

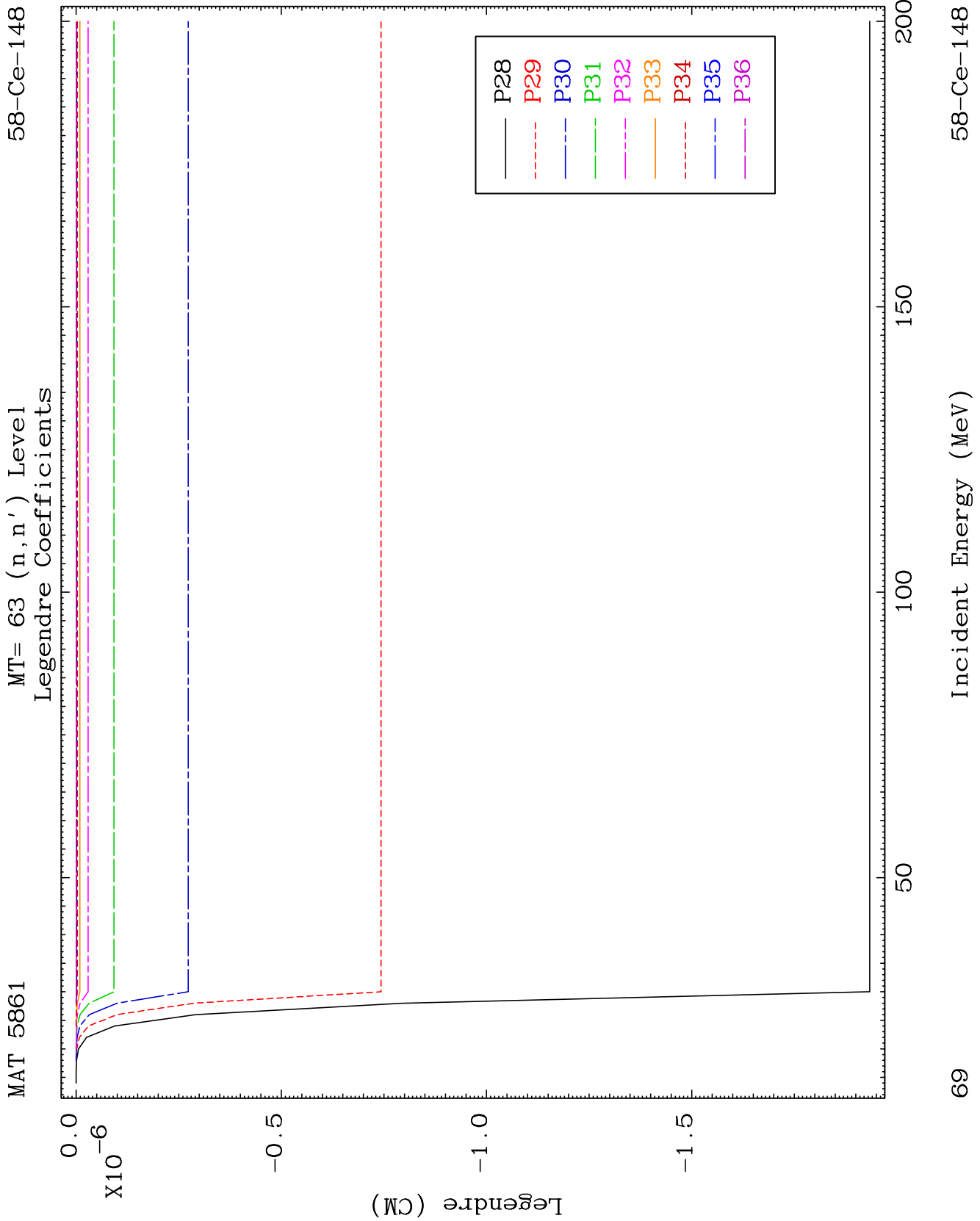
58-Ce-148



68

Incident Energy (MeV)

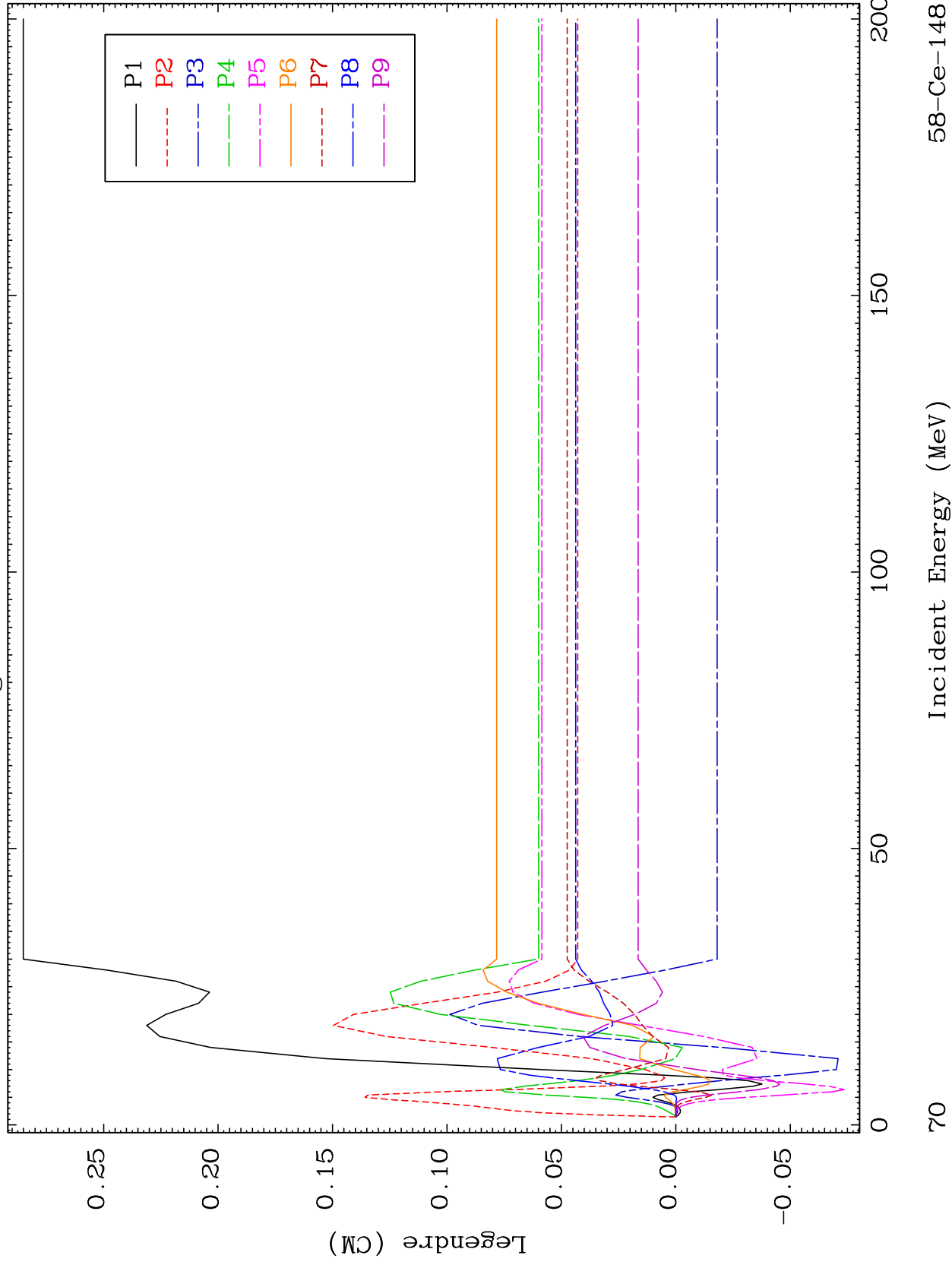
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

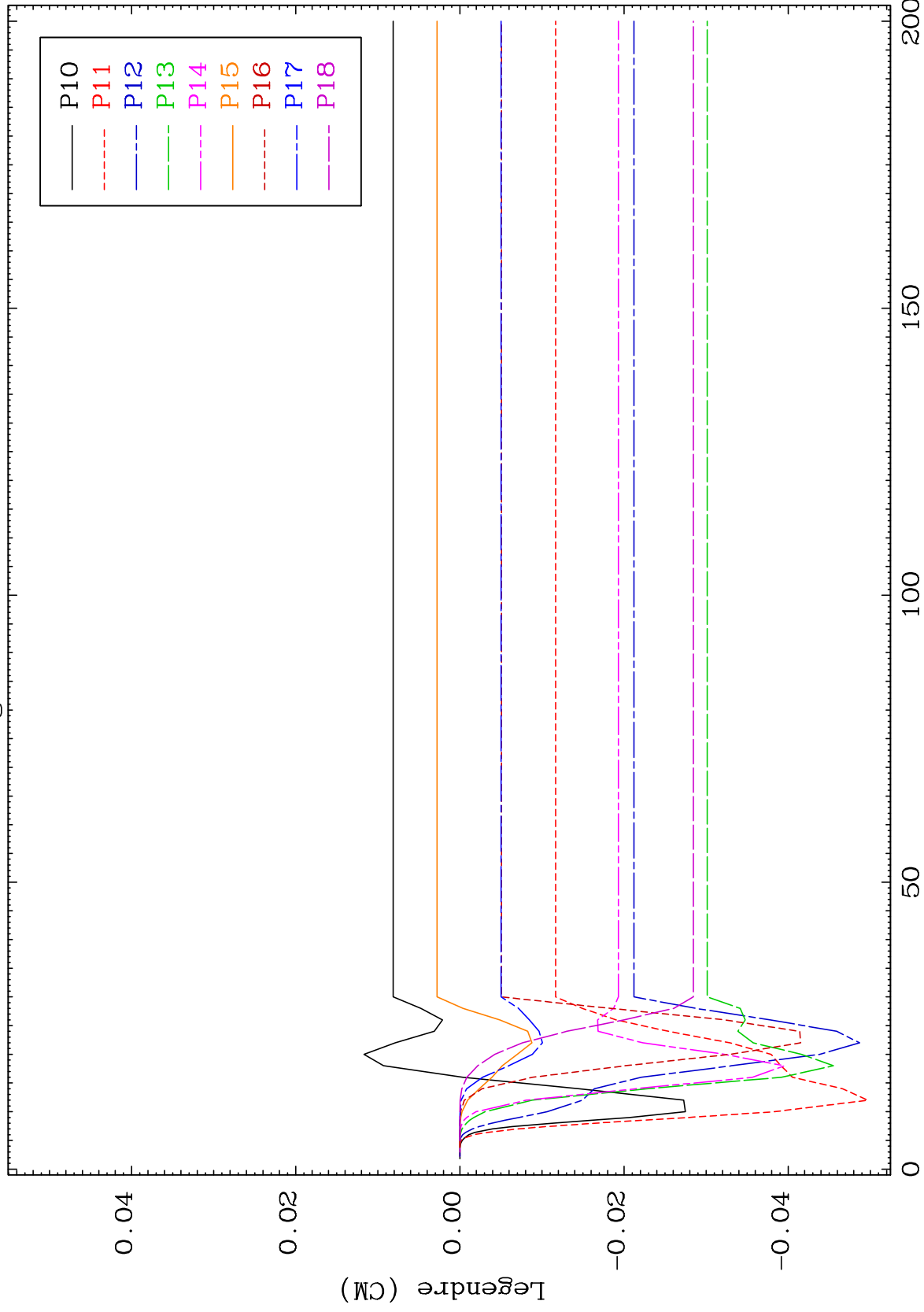
Incident Energy (MeV)

70

MAT 5861

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

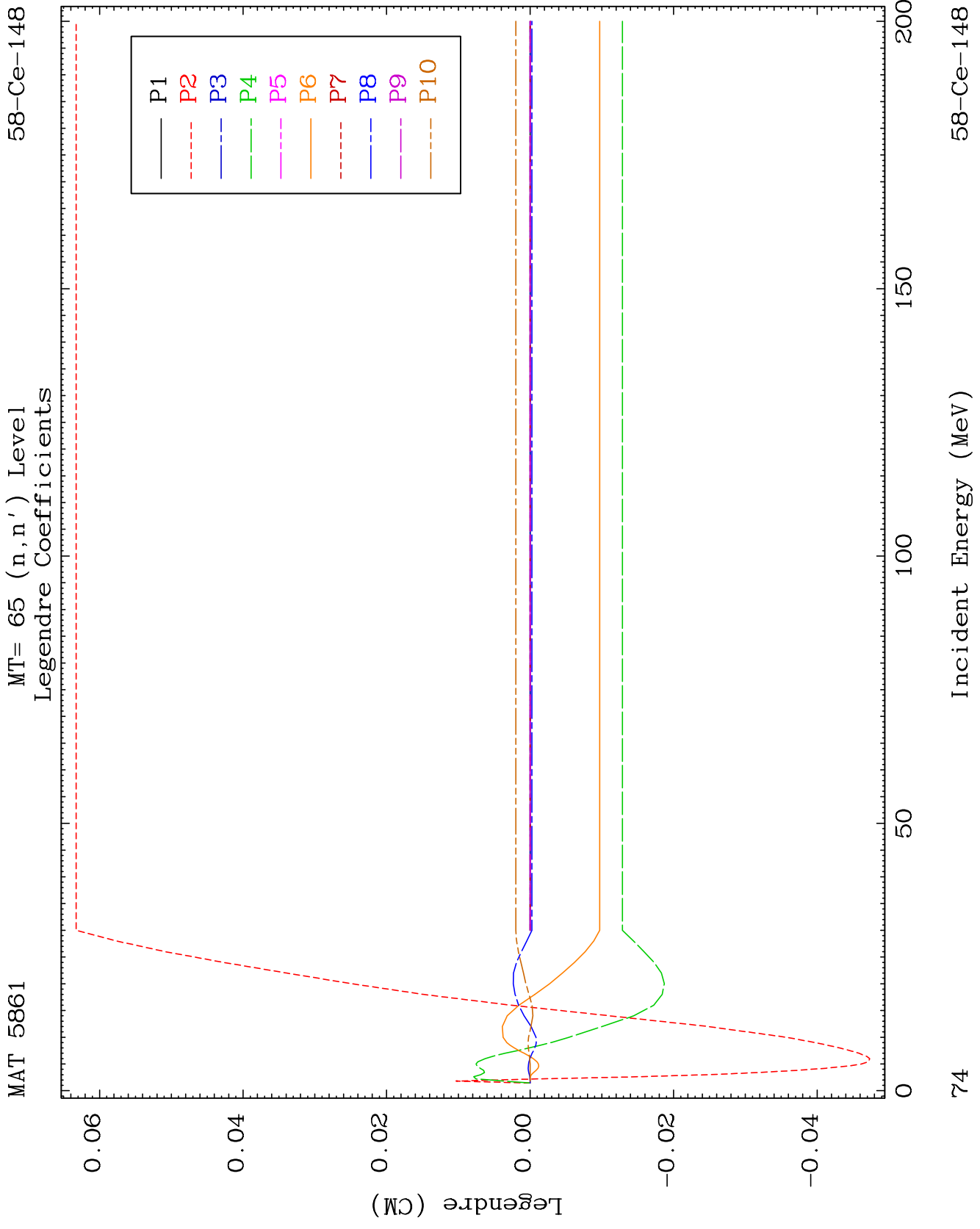
58-Ce-148

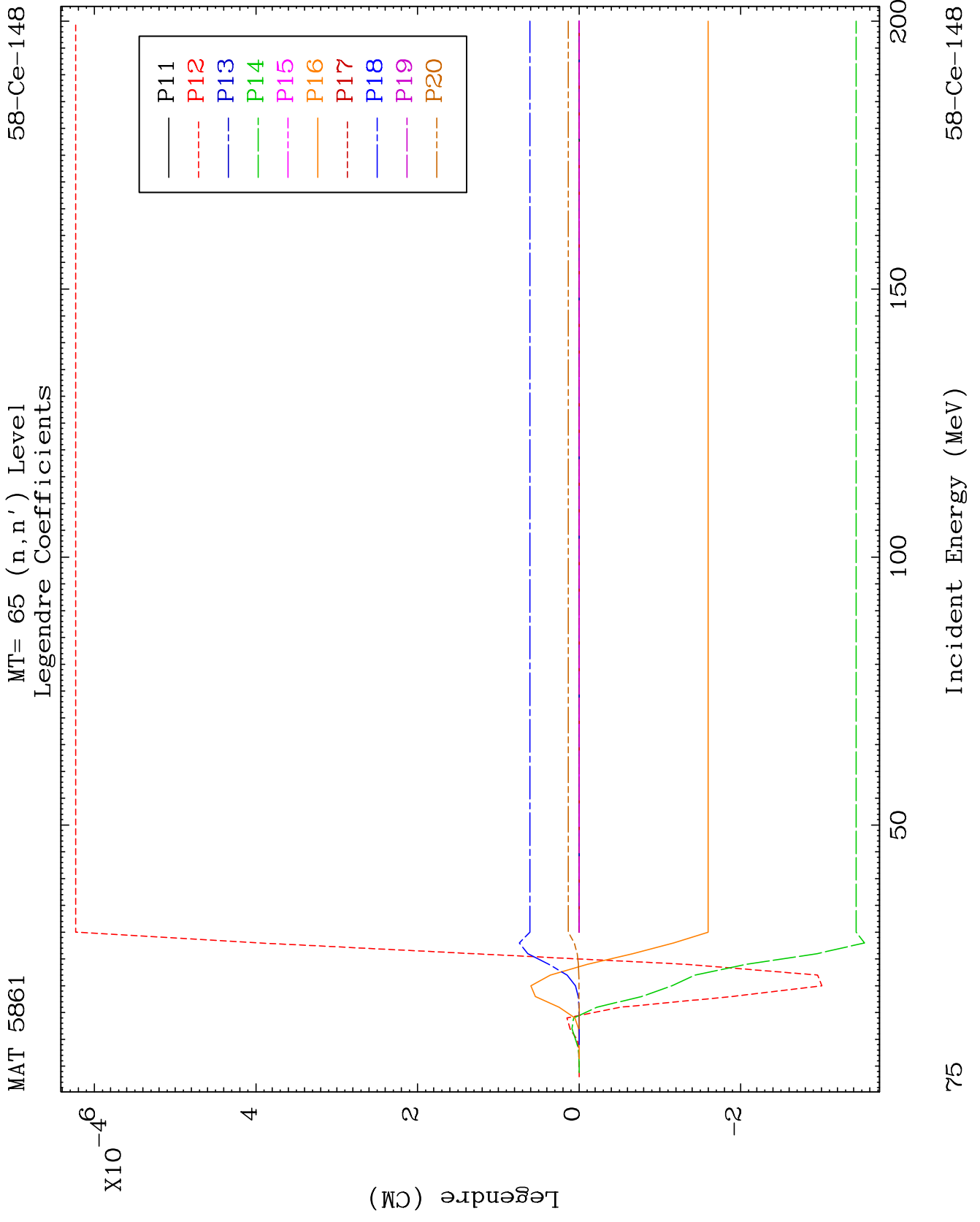


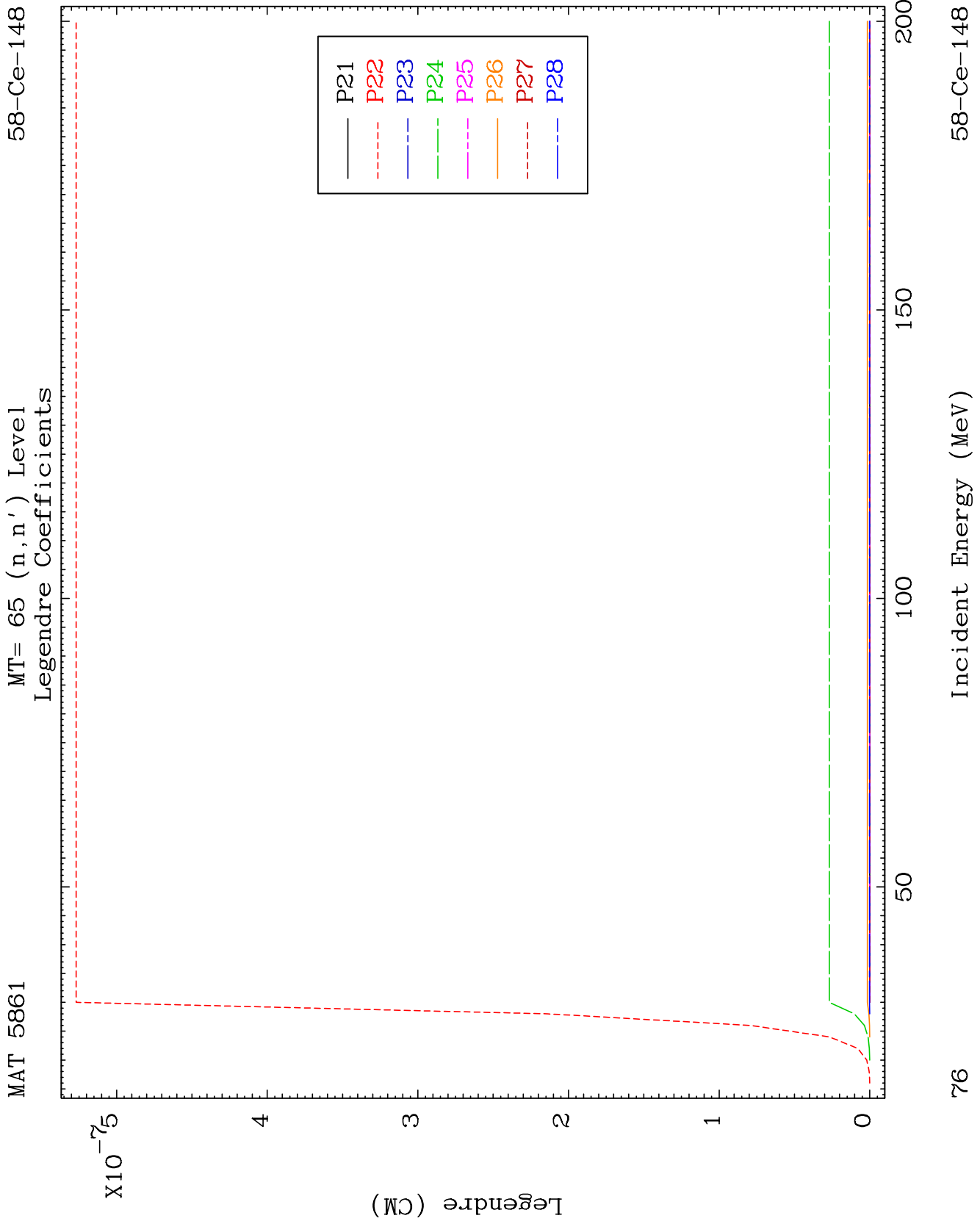
71

Incident Energy (MeV)

58-Ce-148



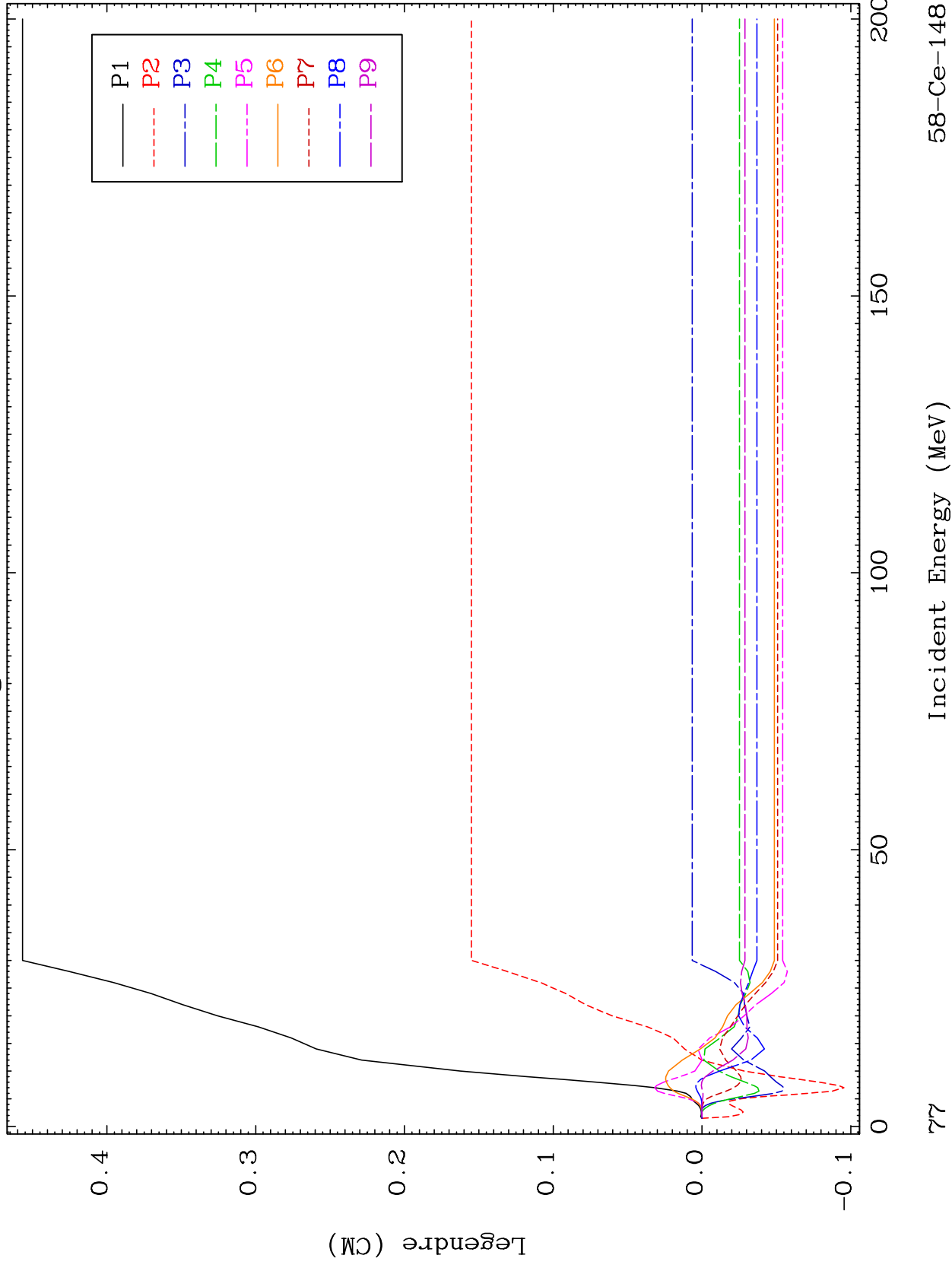




MAT 5861

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

58-Ce-148



58-Ce-148

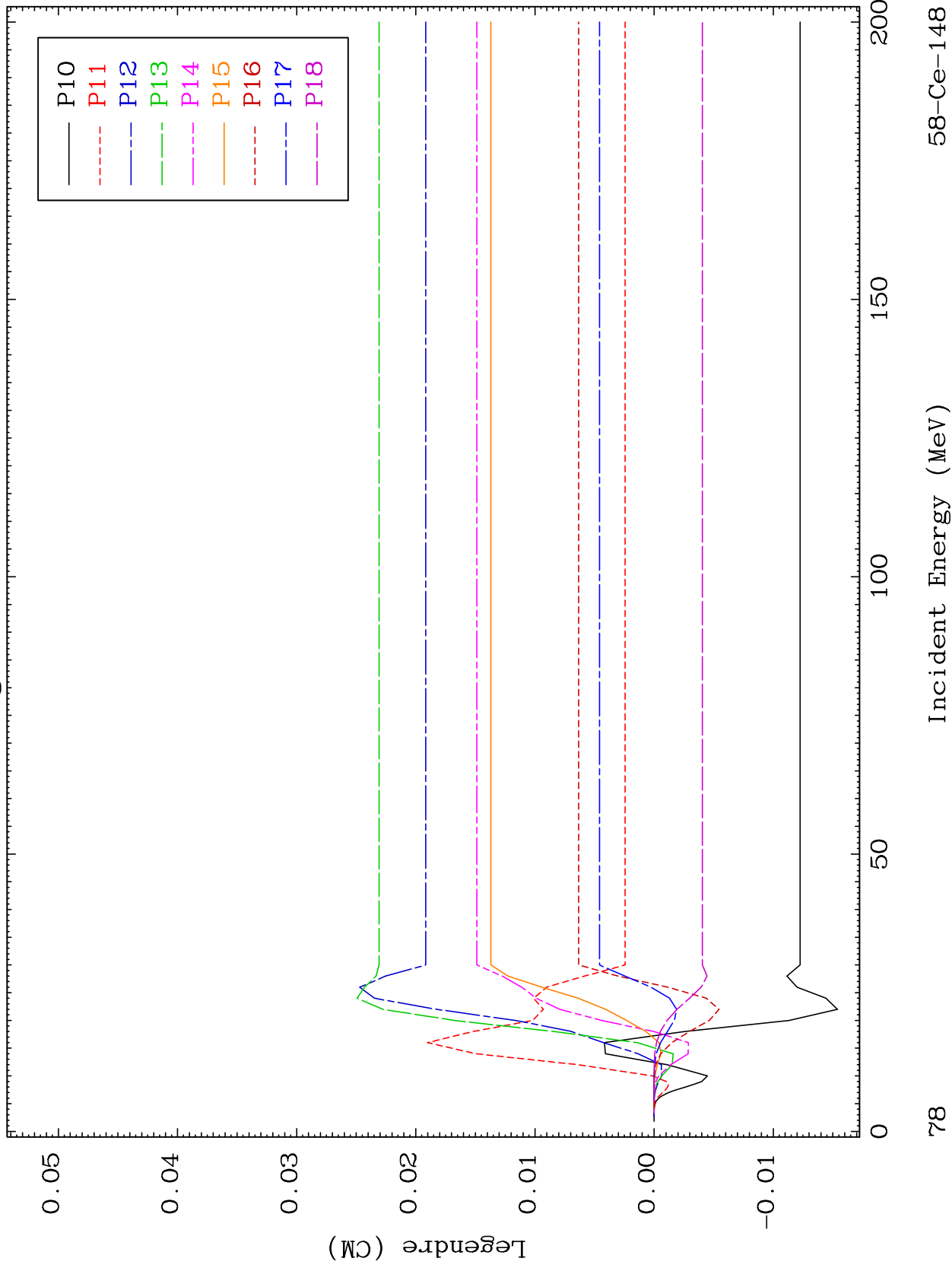
Incident Energy (MeV)

77

MAT 5861

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

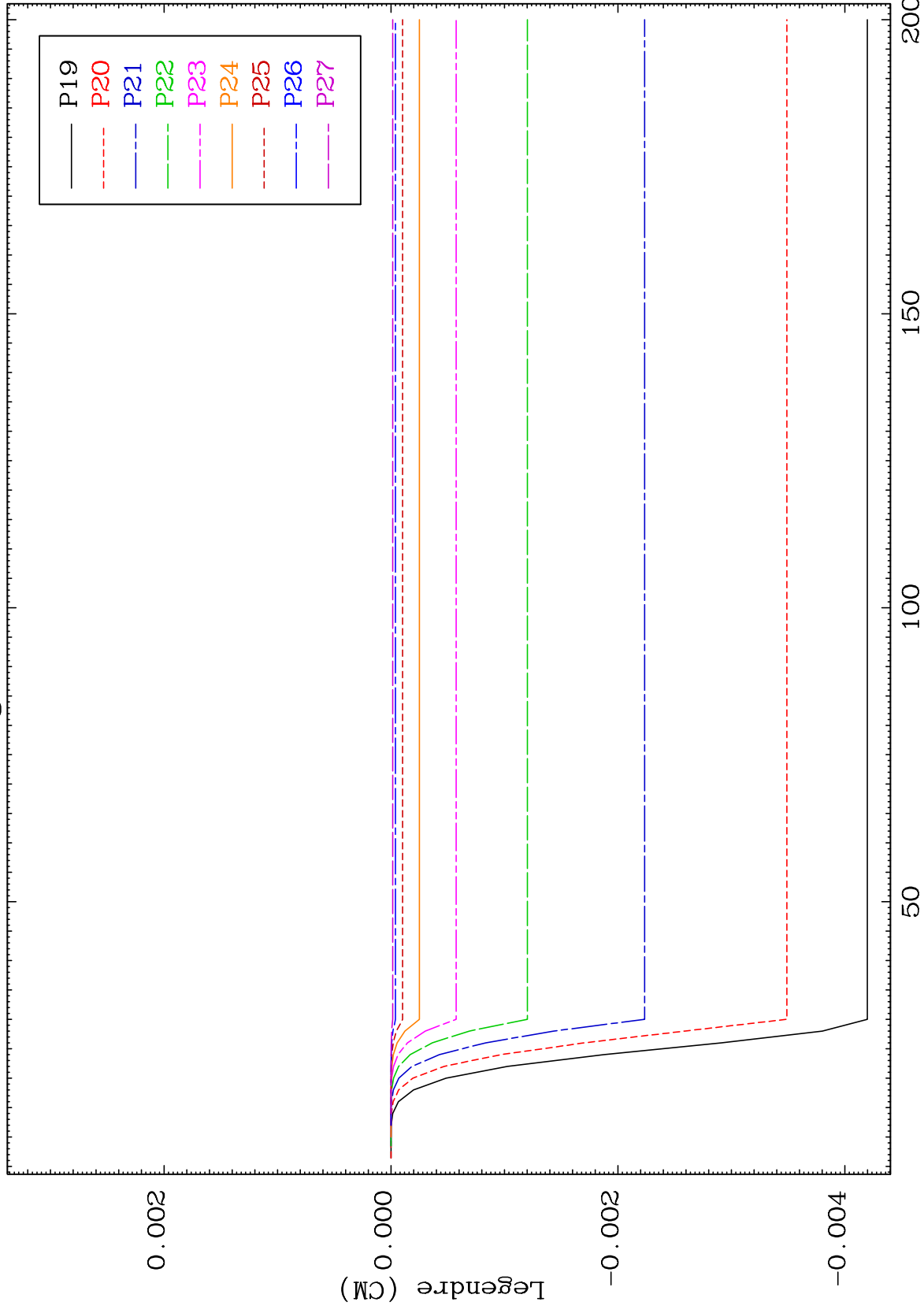
58-Ce-148



MAT 5861

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

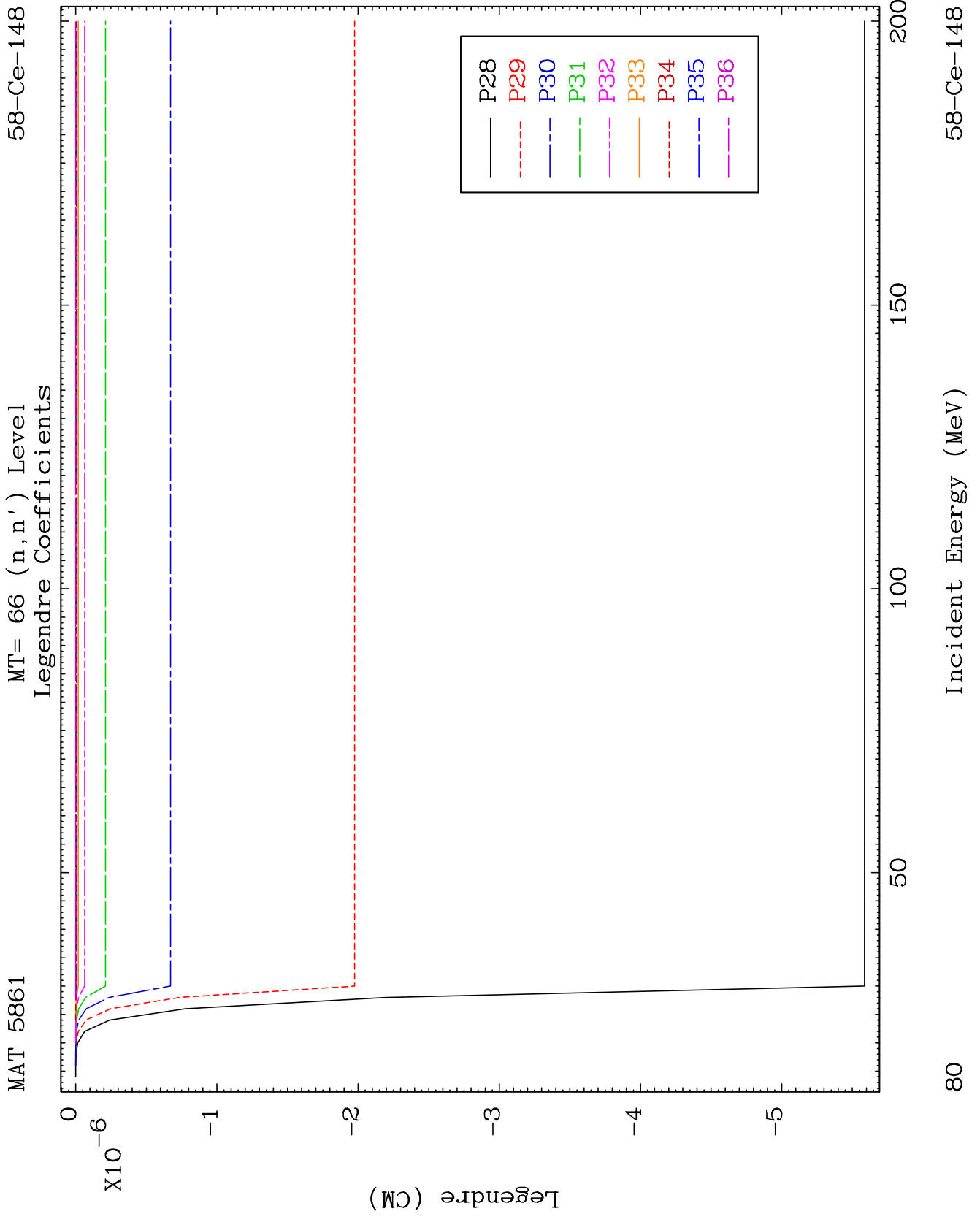
58-Ce-148

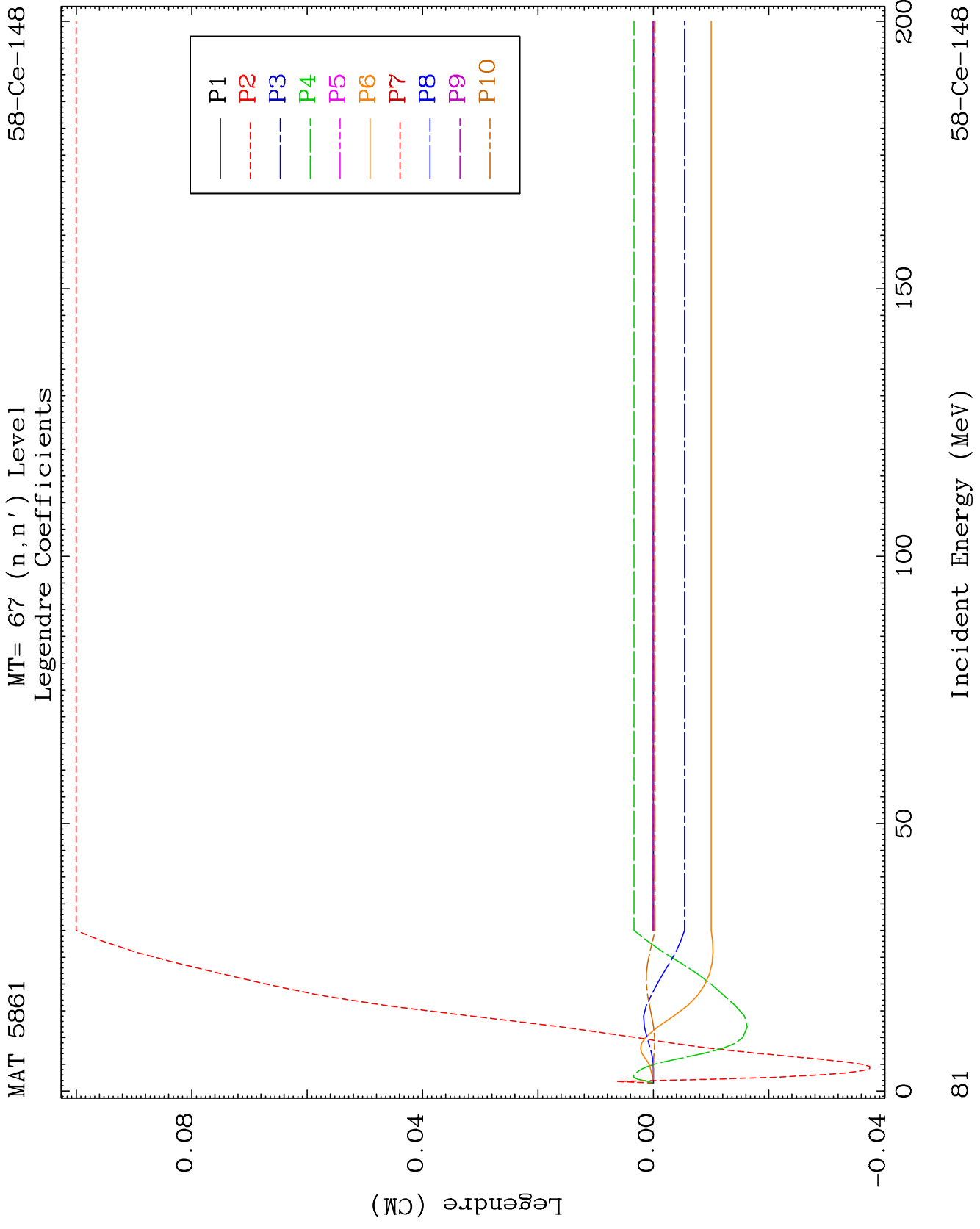


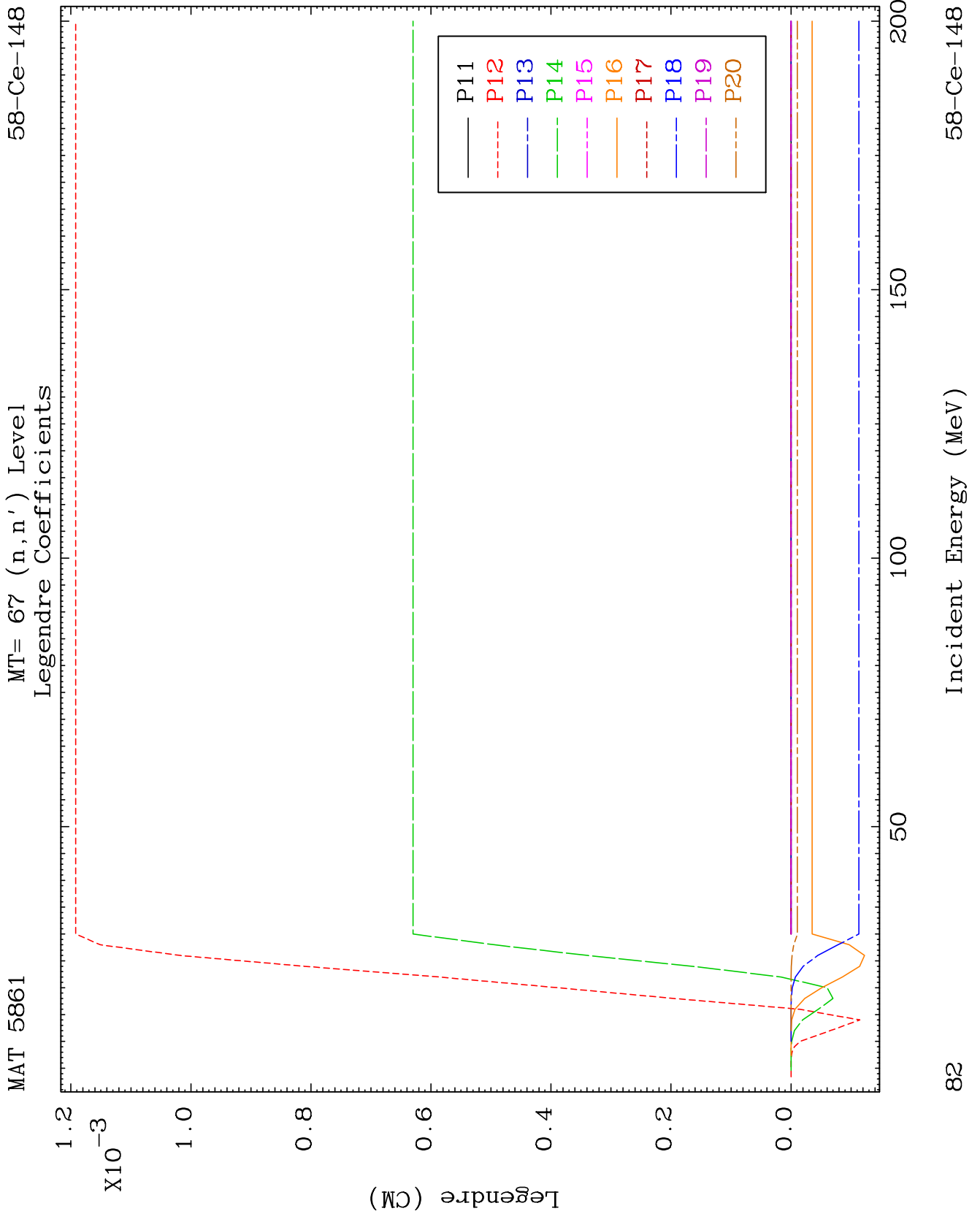
79

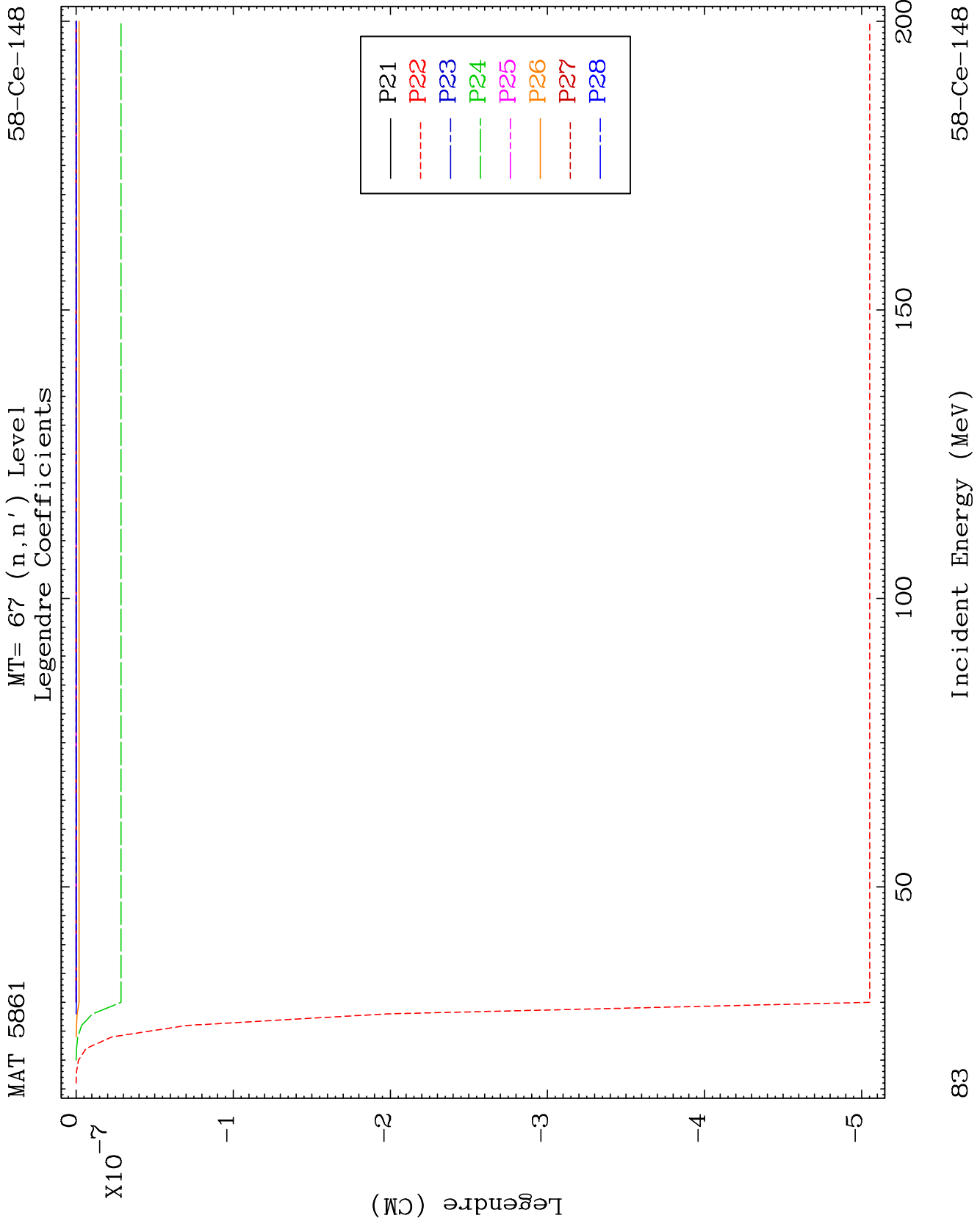
Incident Energy (MeV)

58-Ce-148





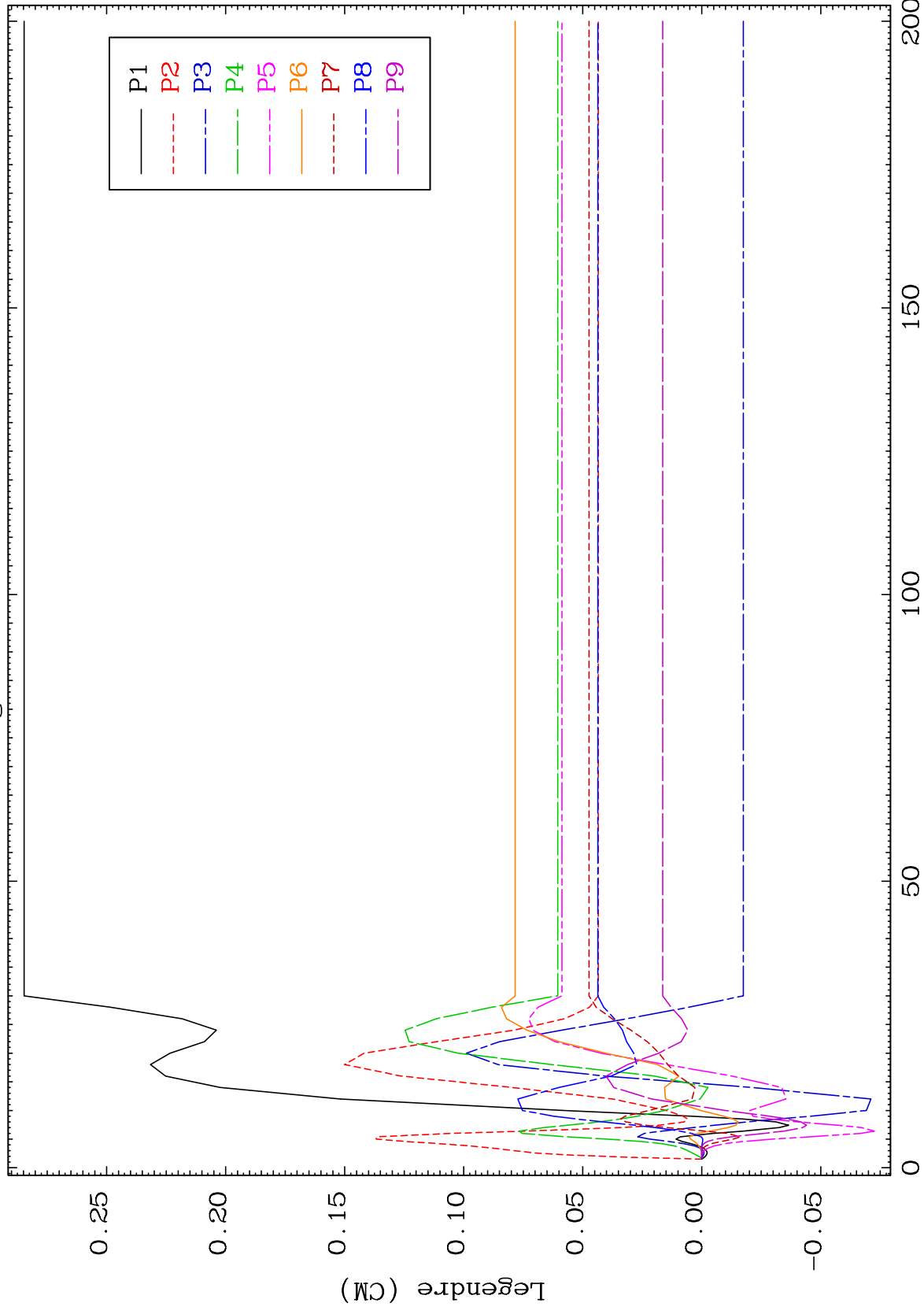




MAT 5861

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

58-Ce-148



84

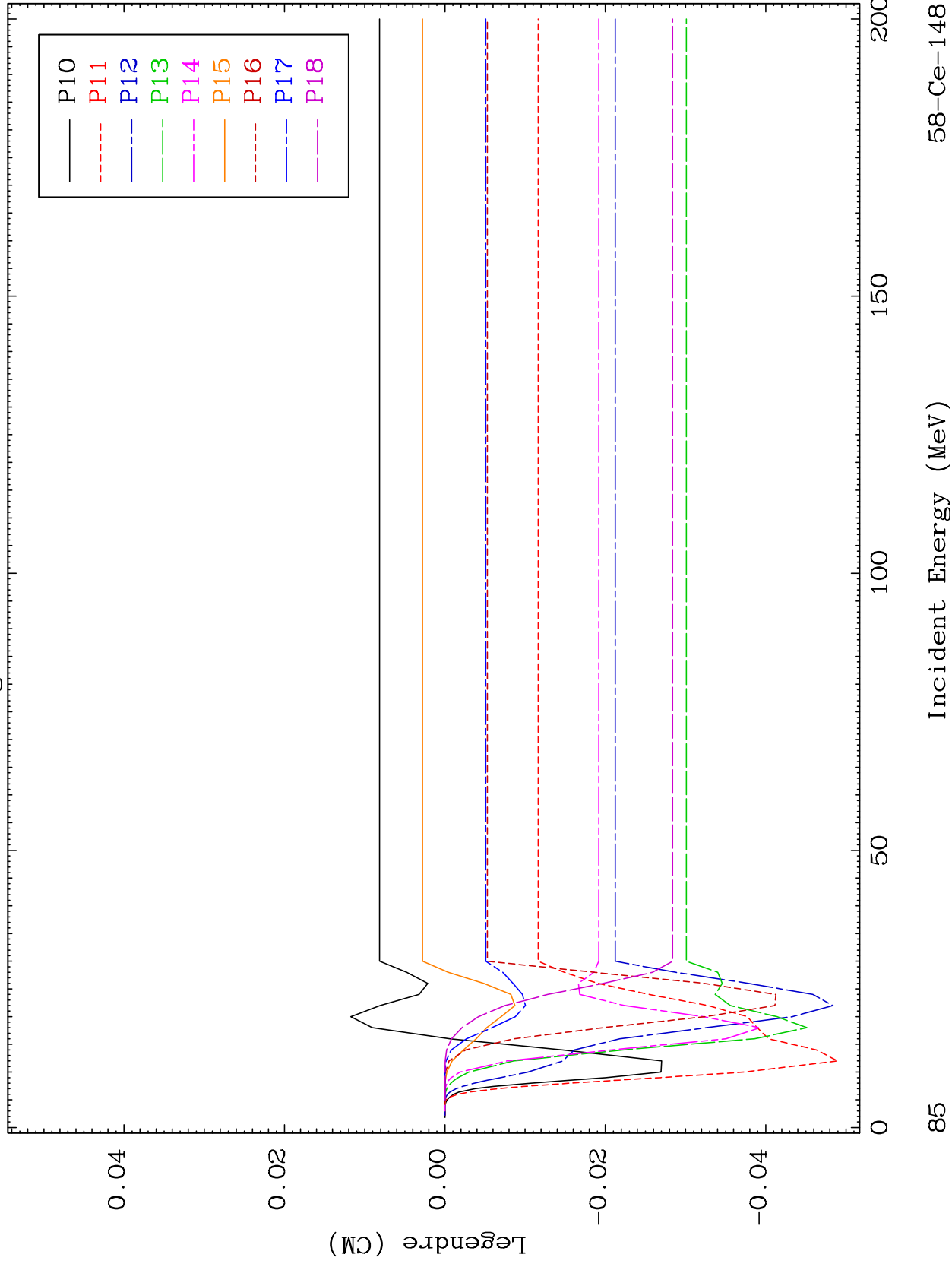
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

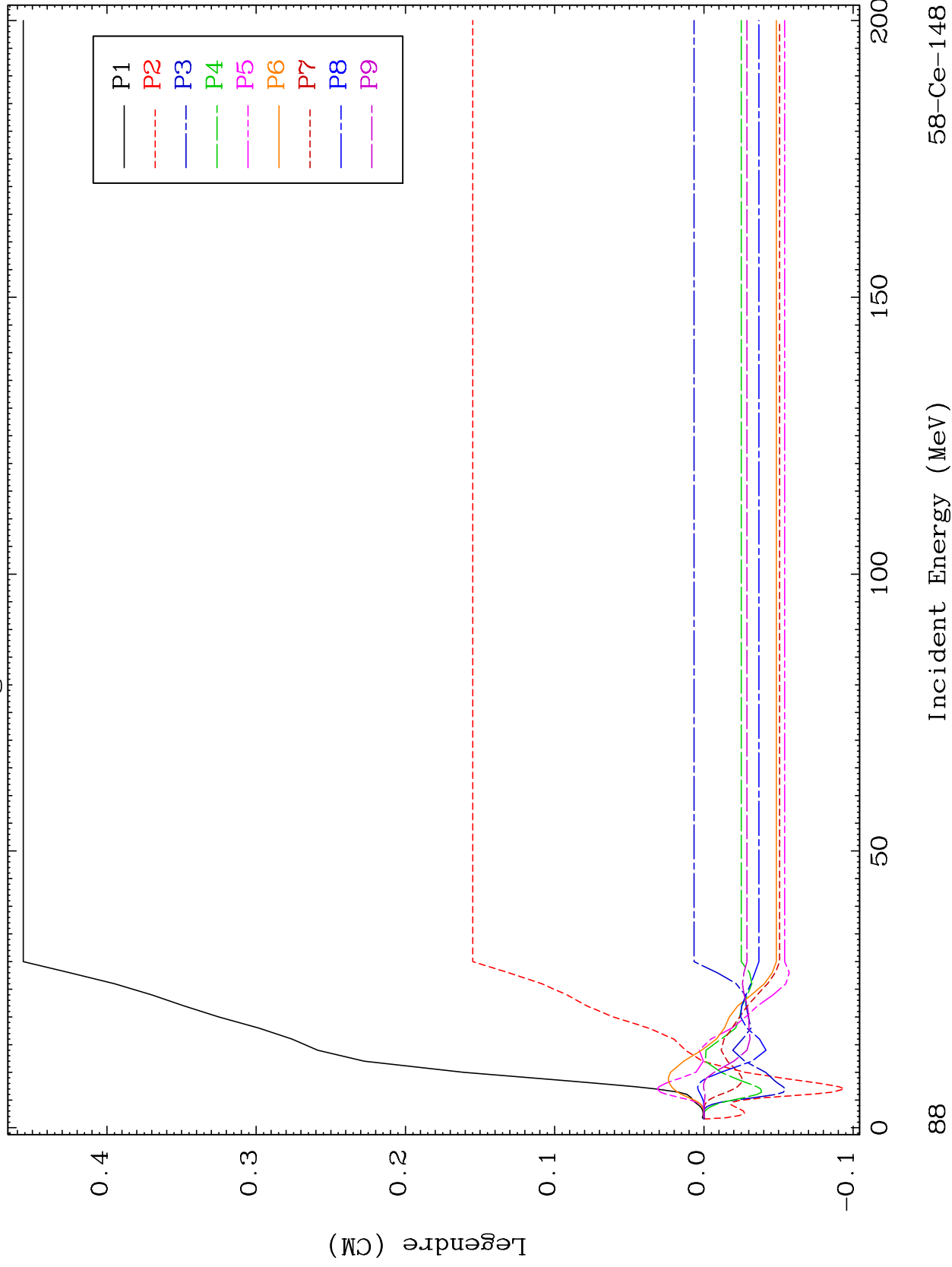
Incident Energy (MeV)

85

MAT 5861

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

58-Ce-148



58-Ce-148

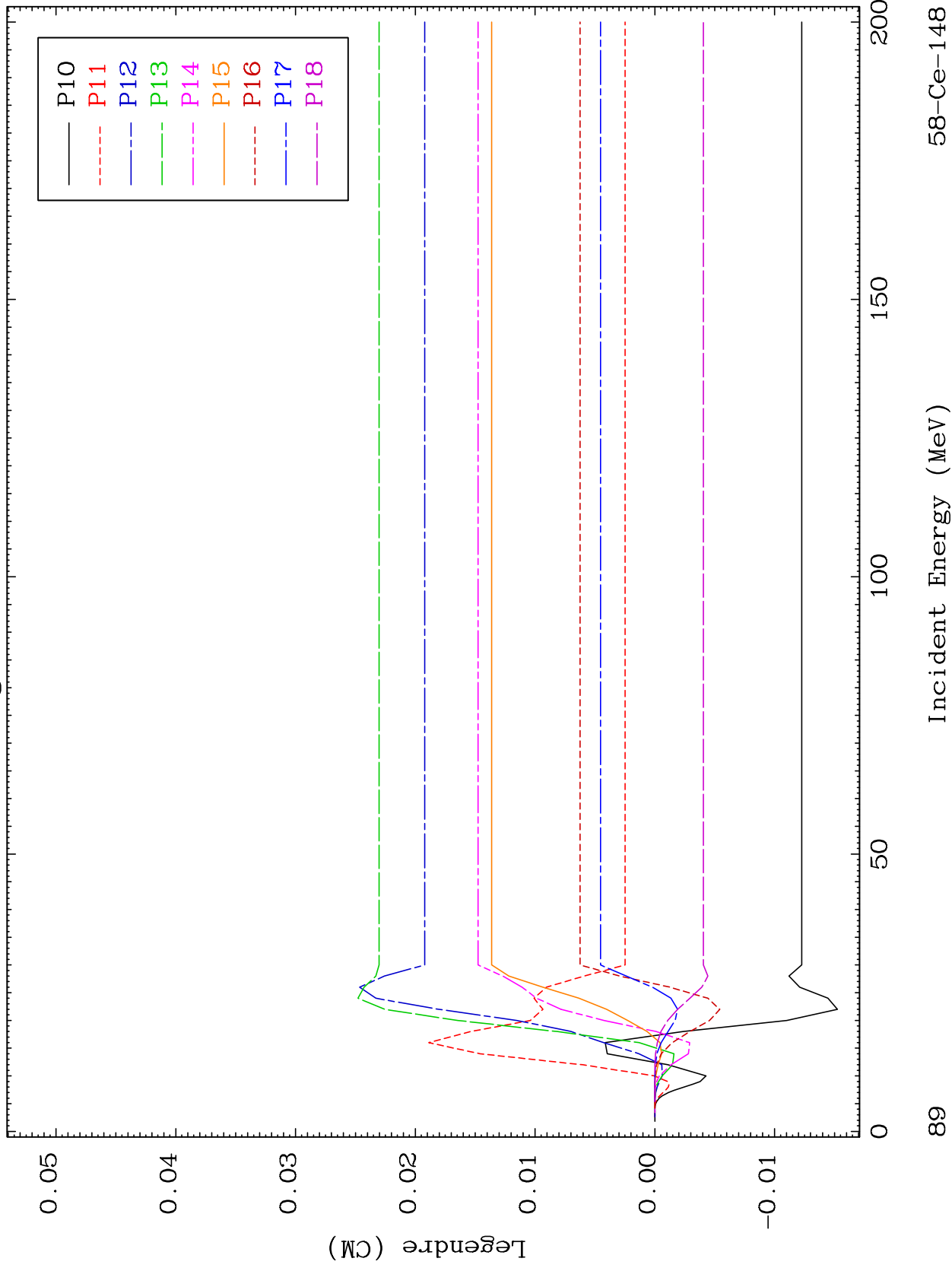
Incident Energy (MeV)

88

MAT 5861

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

58-Ce-148



58-Ce-148

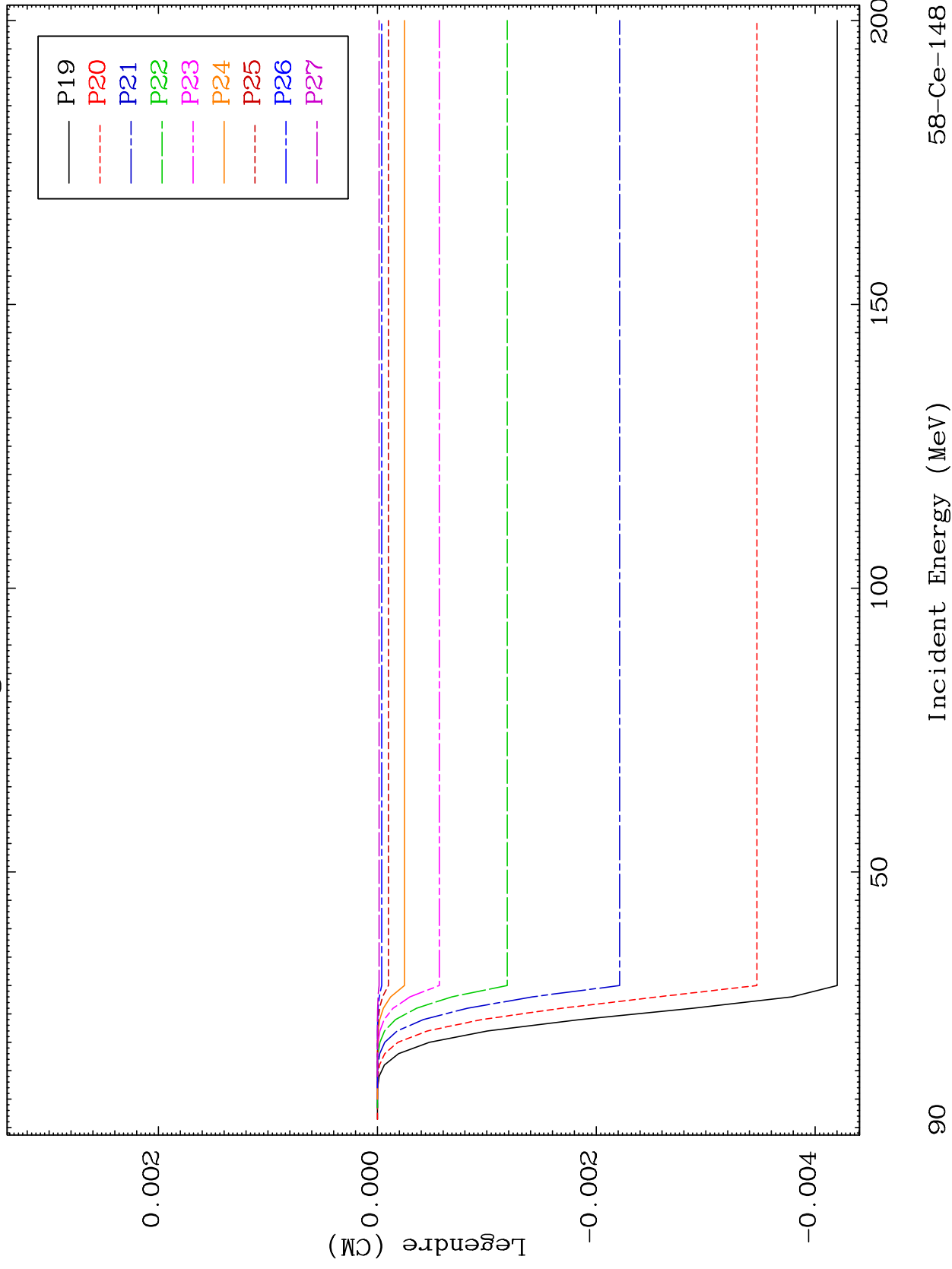
Incident Energy (MeV)

89

MAT 5861

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

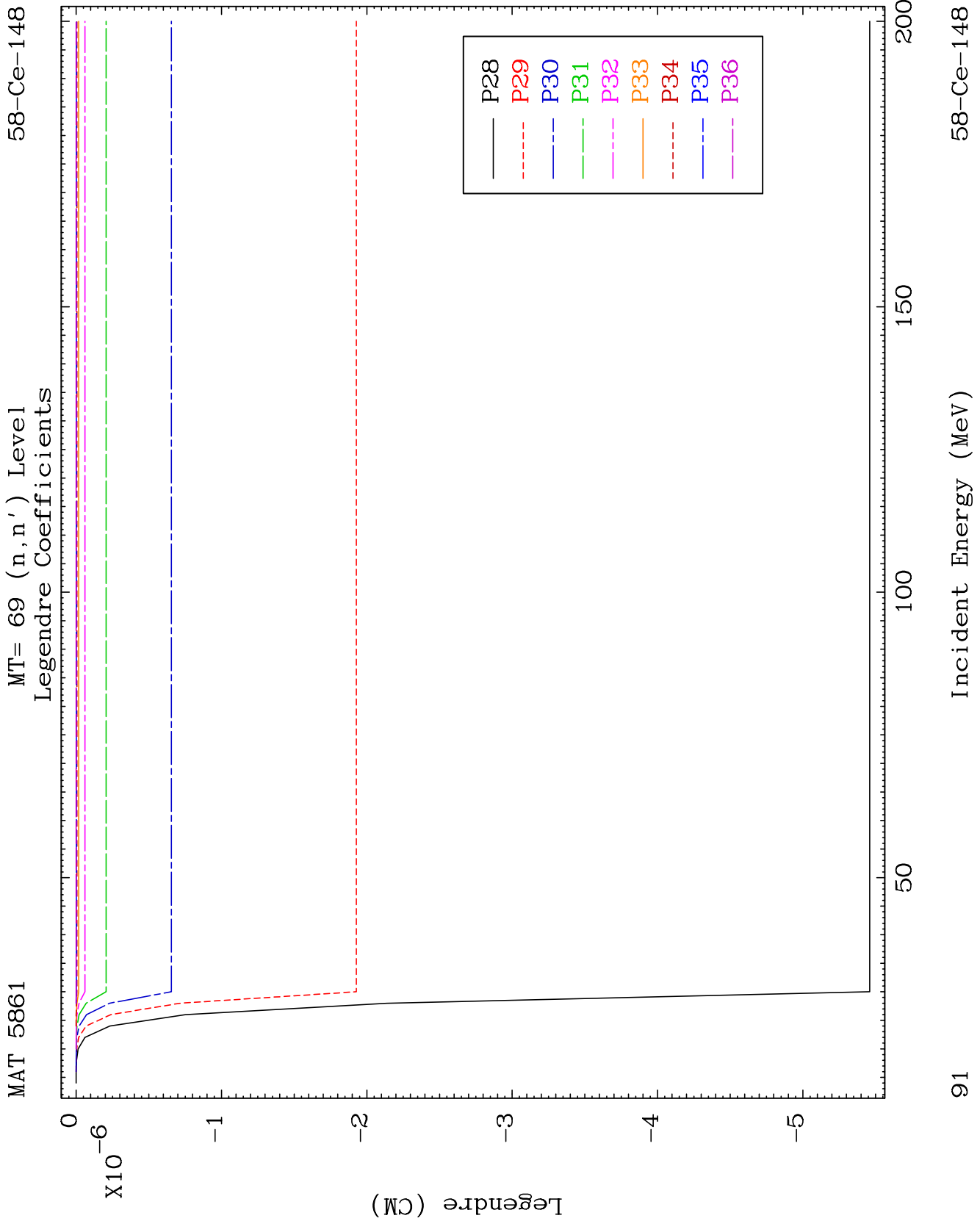
58-Ce-148



58-Ce-148

Incident Energy (MeV)

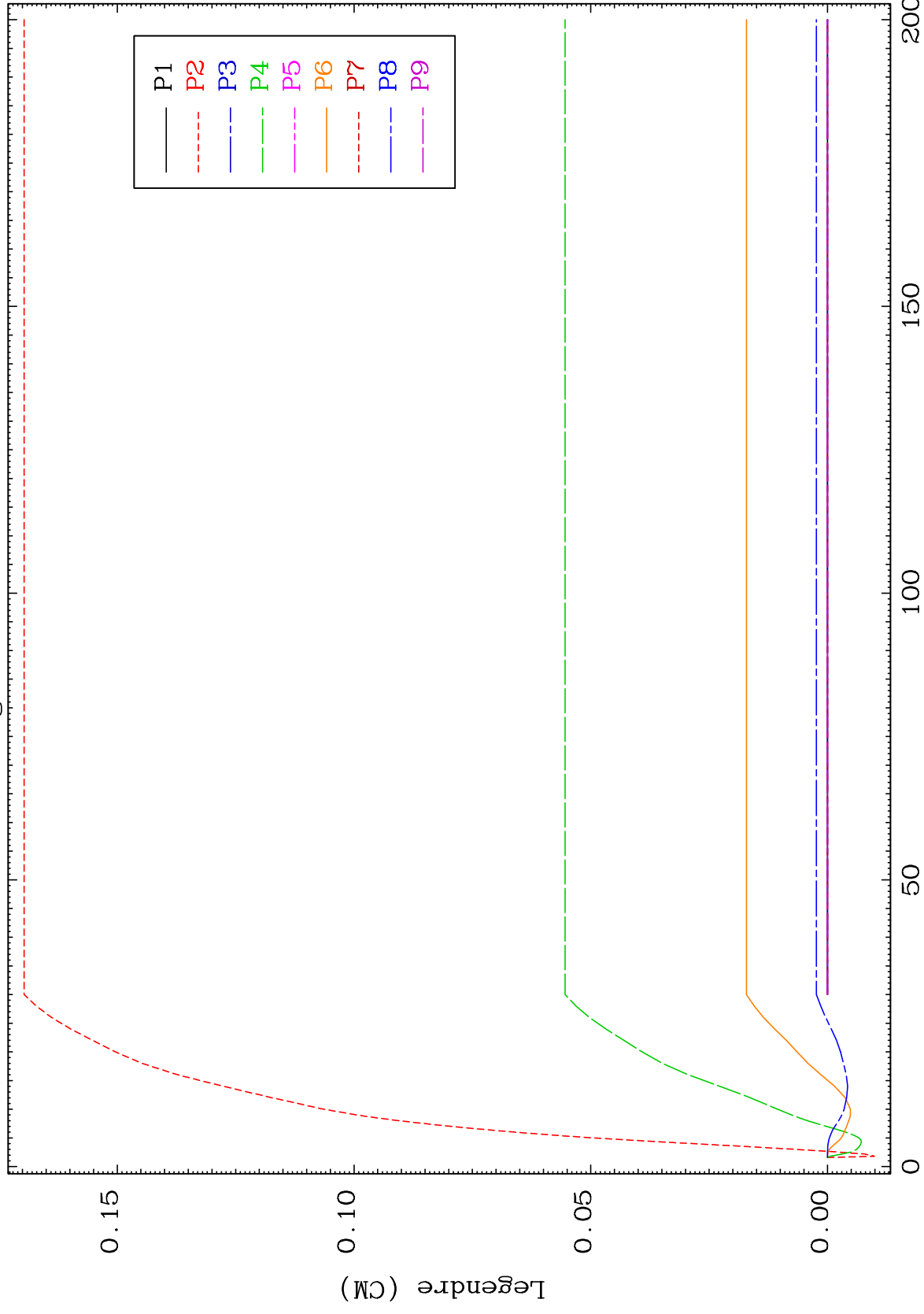
90



MAT 5861

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

58-Ce-148



92

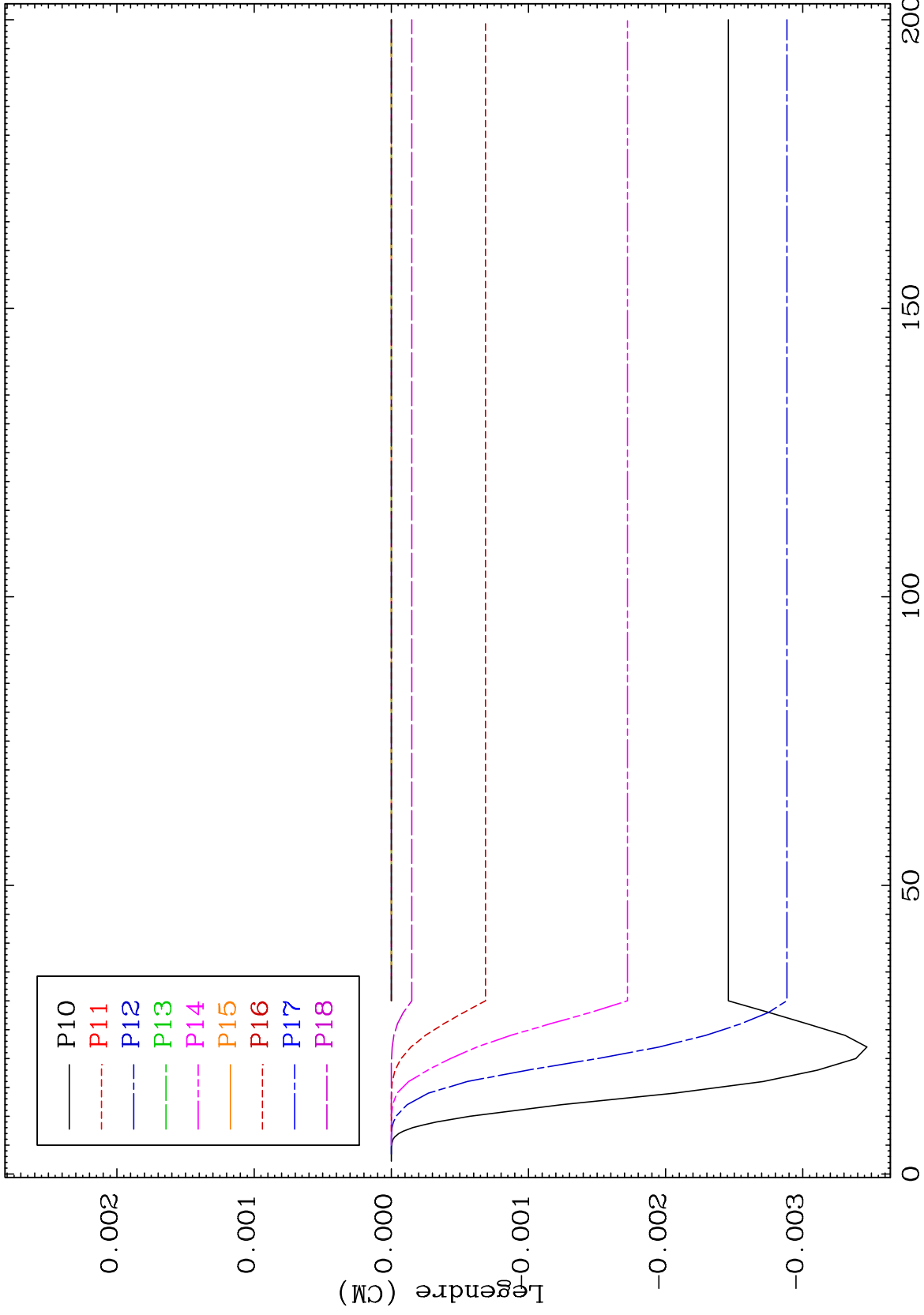
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

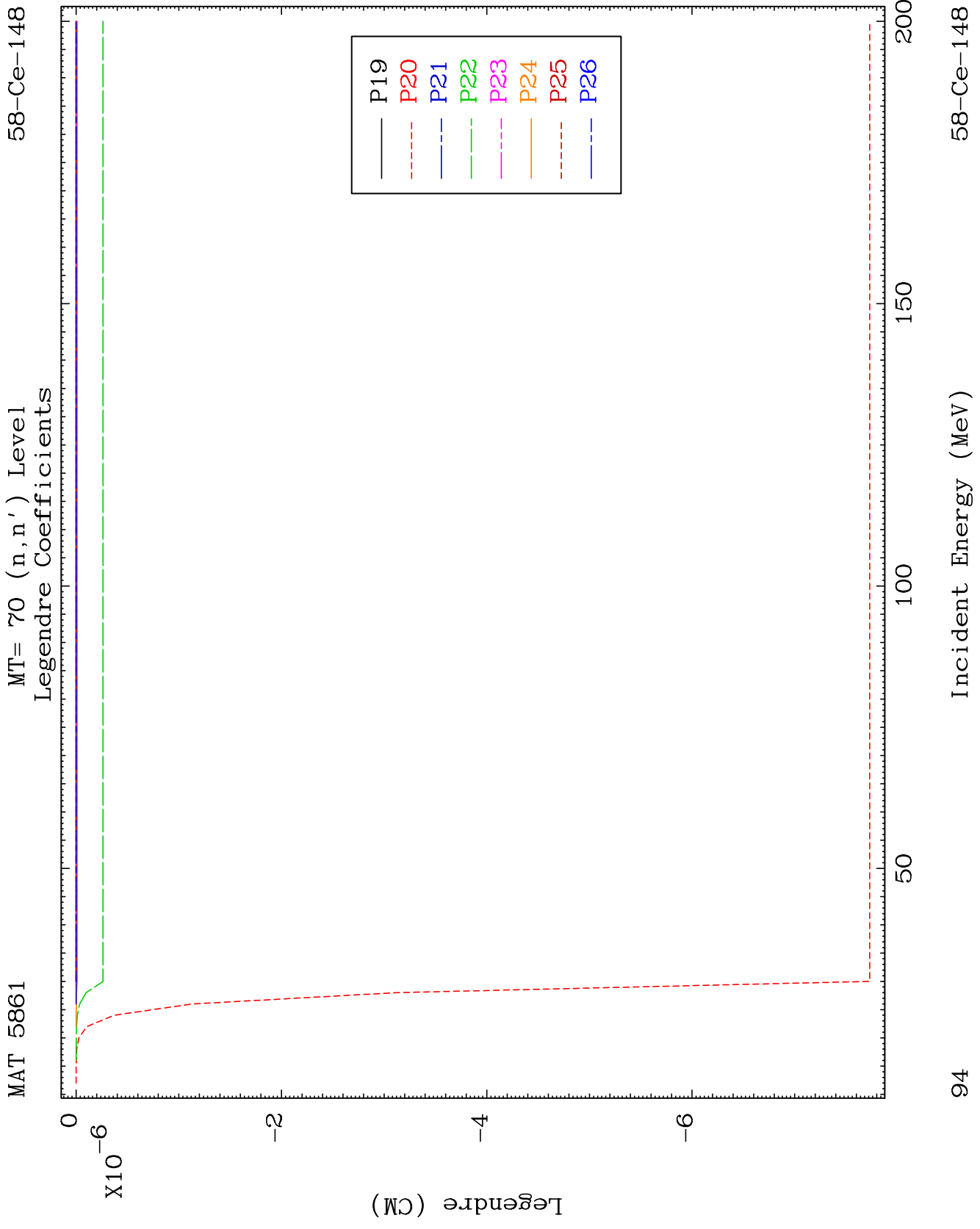
58-Ce-148



93

Incident Energy (MeV)

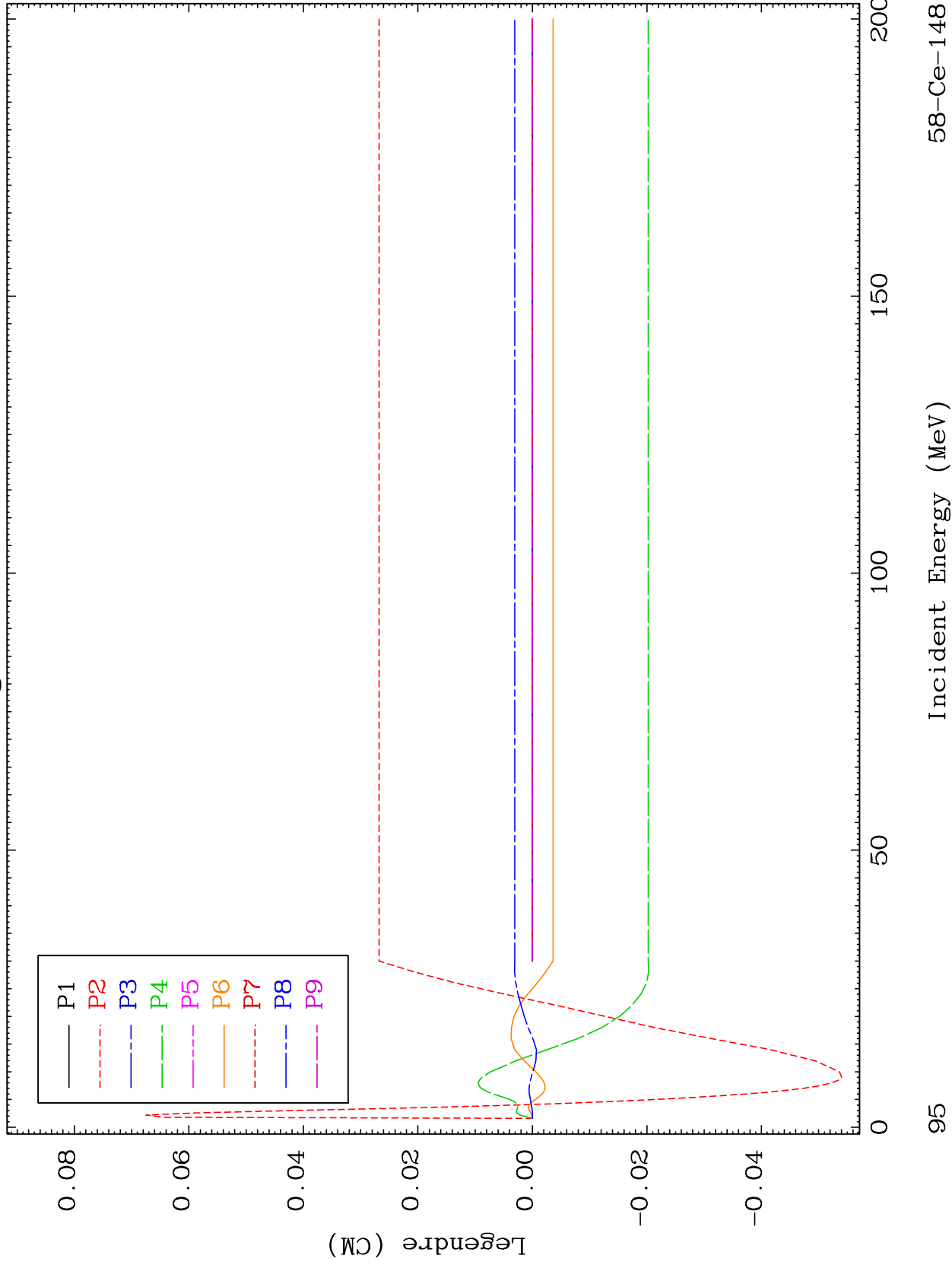
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

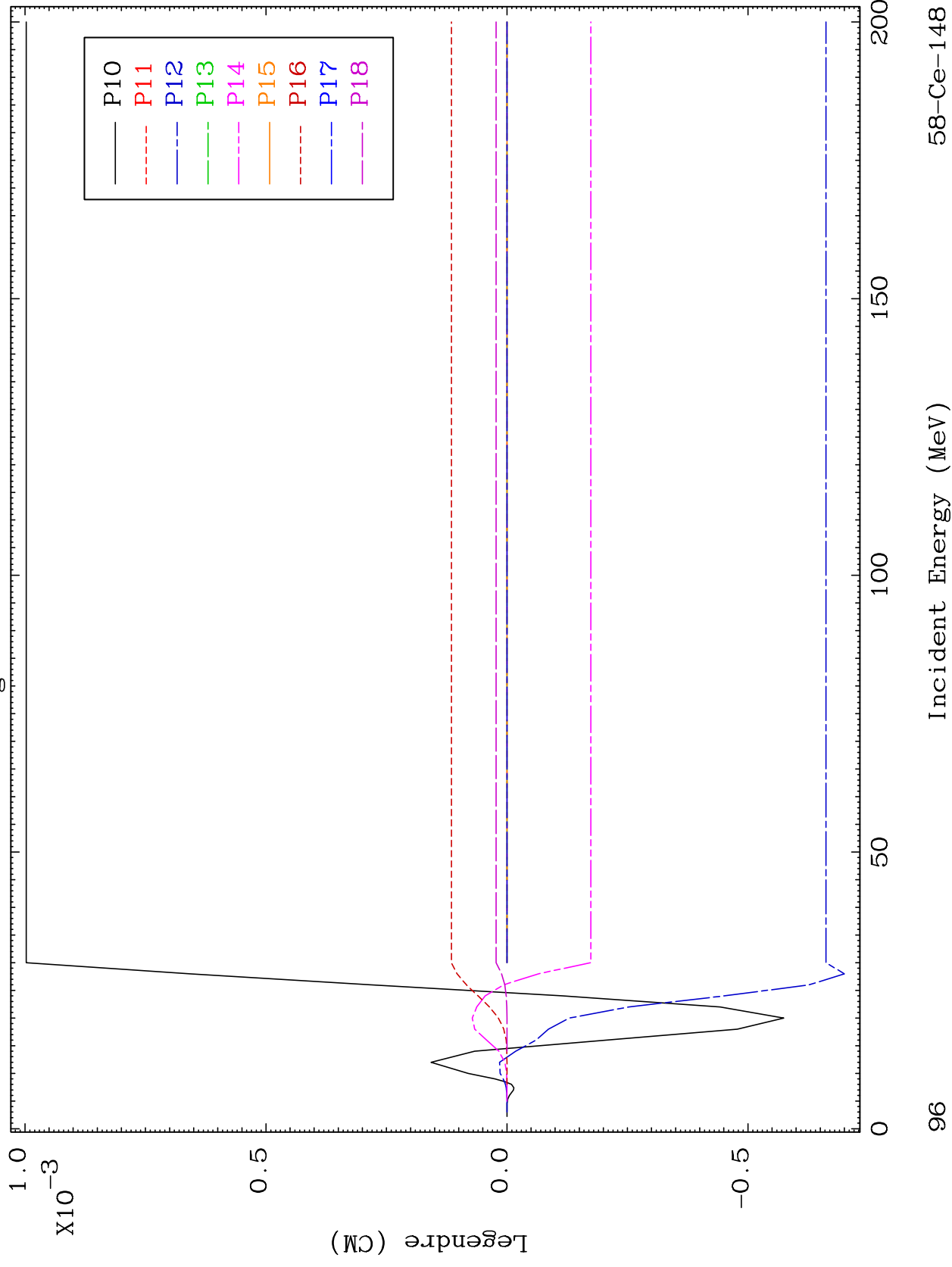
Incident Energy (MeV)

95

MAT 5861

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

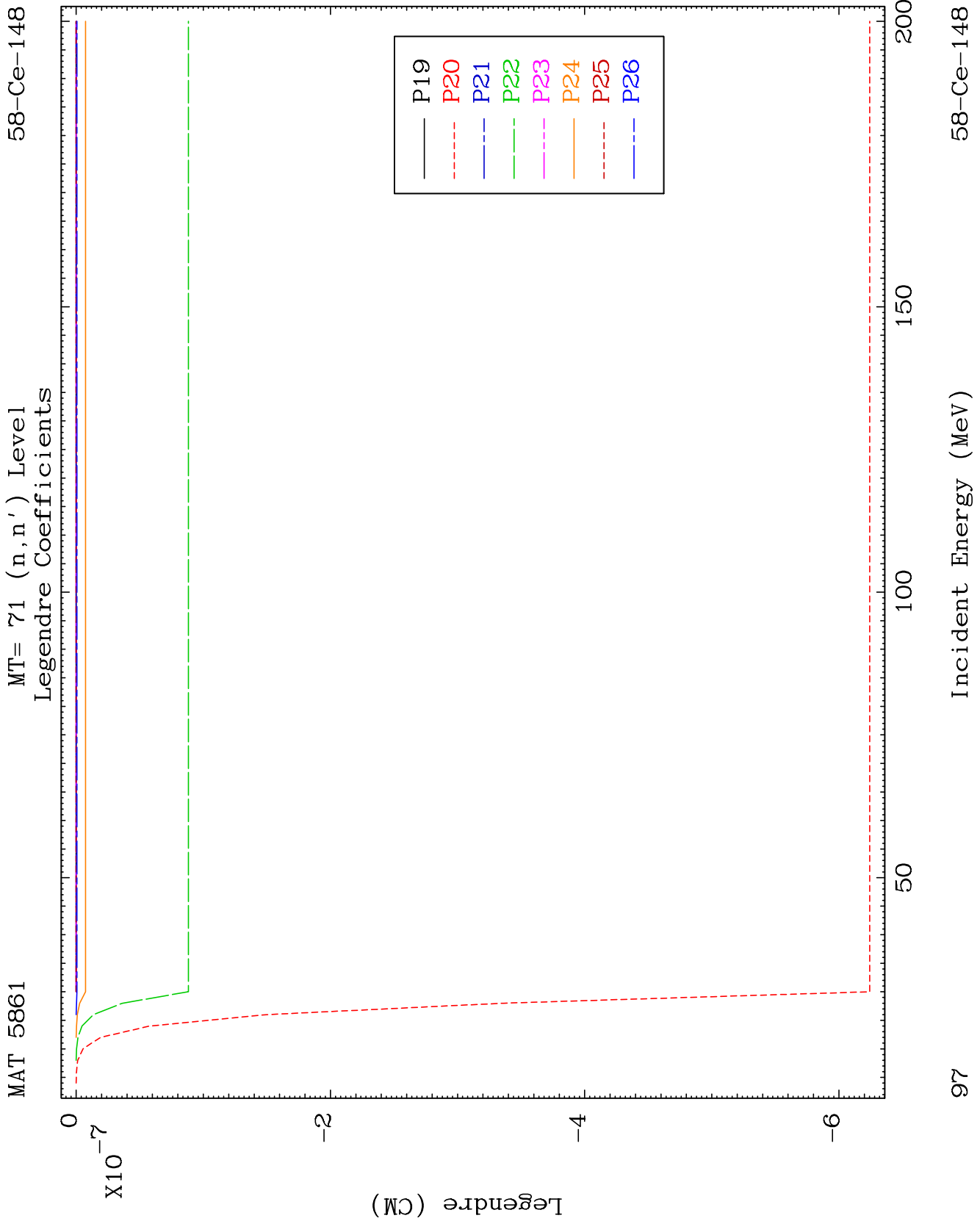
58-Ce-148

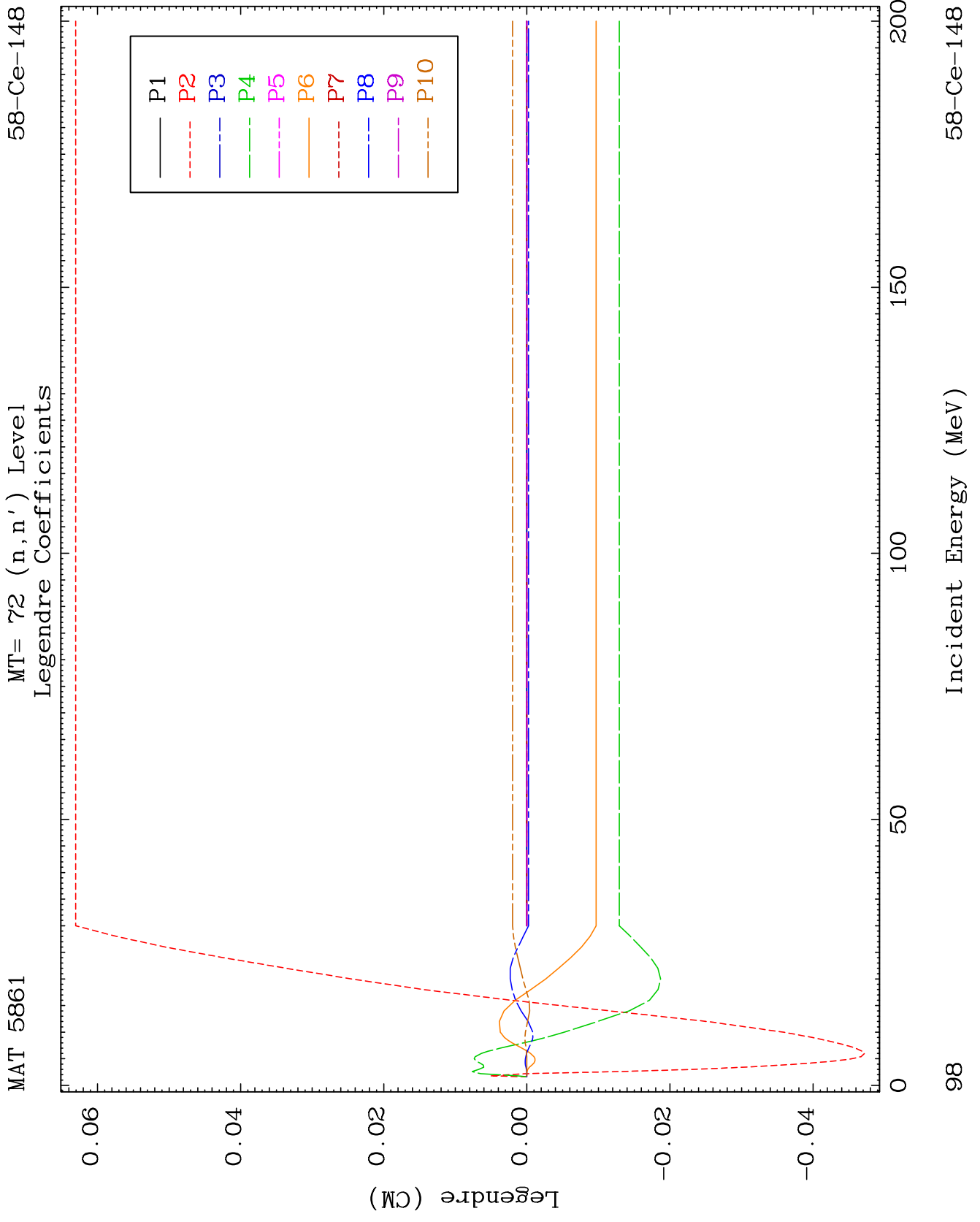


96

Incident Energy (MeV)

58-Ce-148

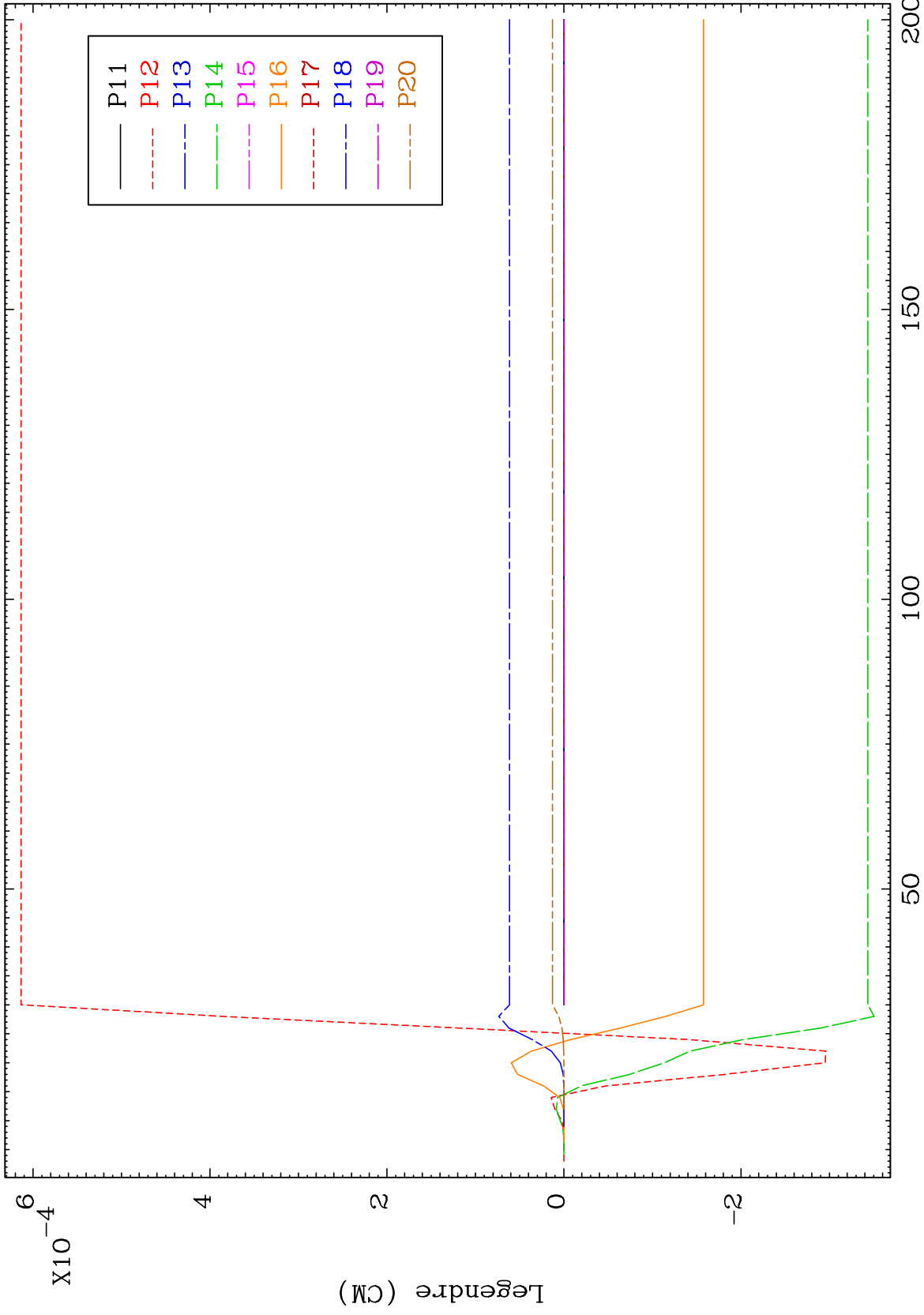




MAT 5861

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

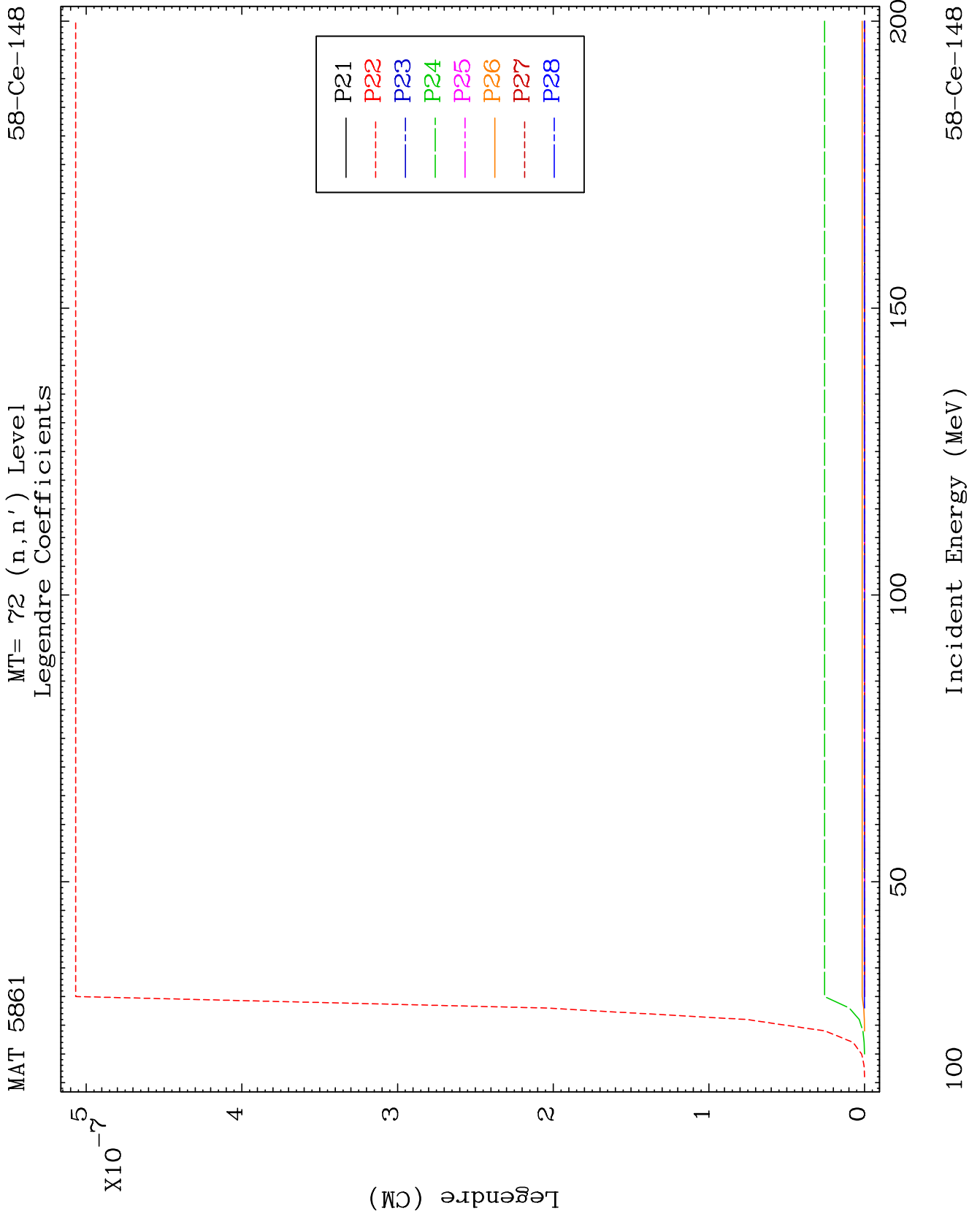
58-Ce-148

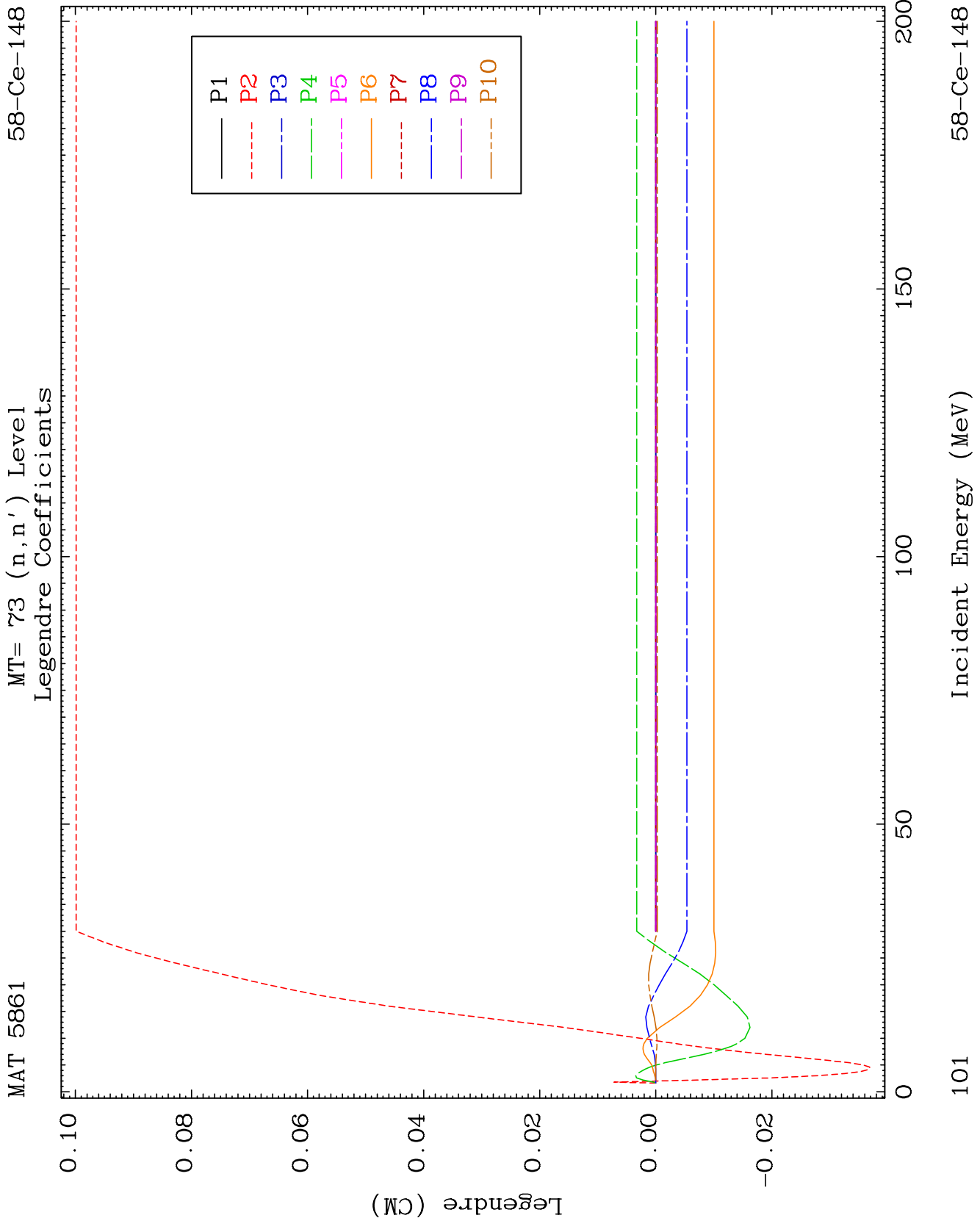


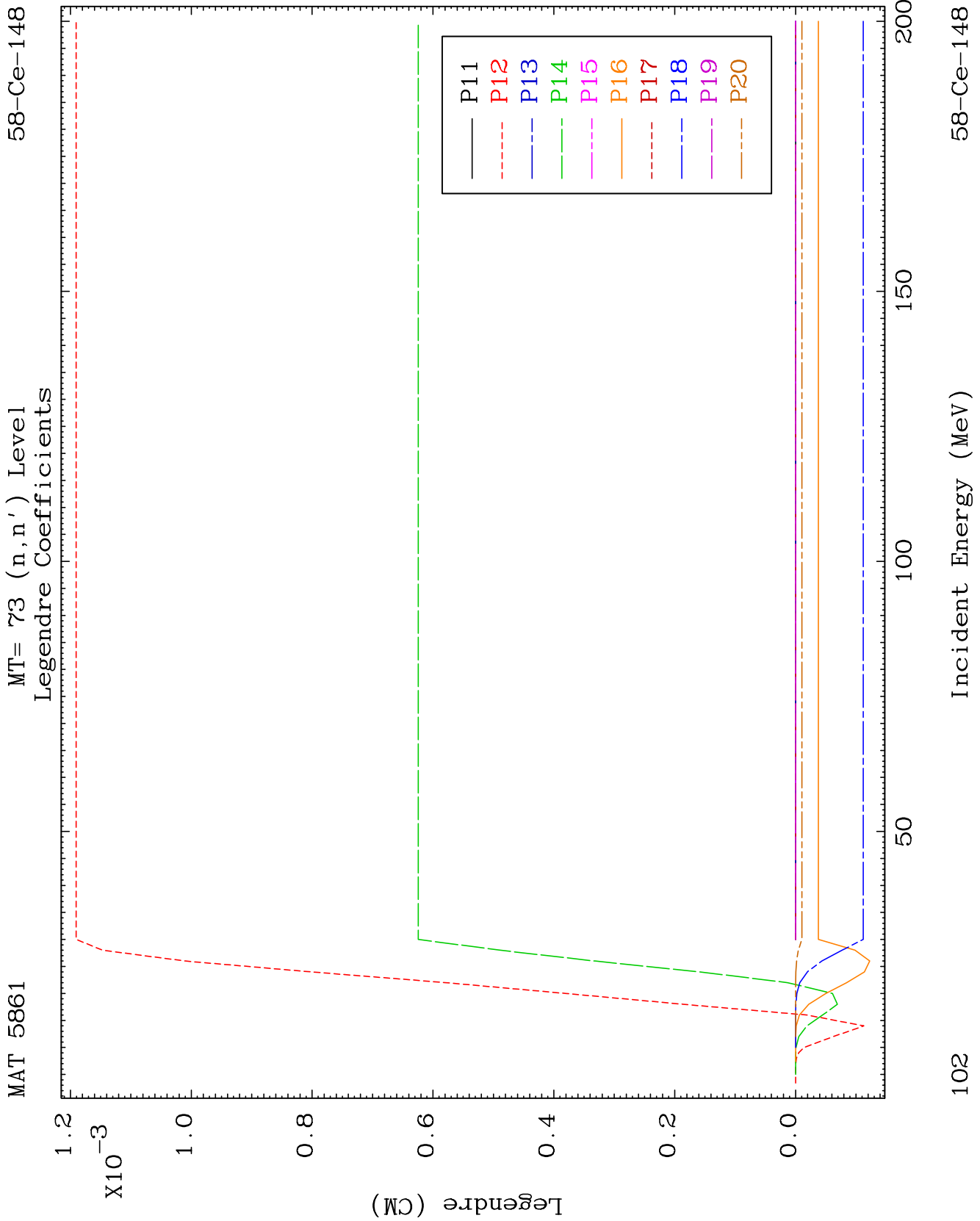
99

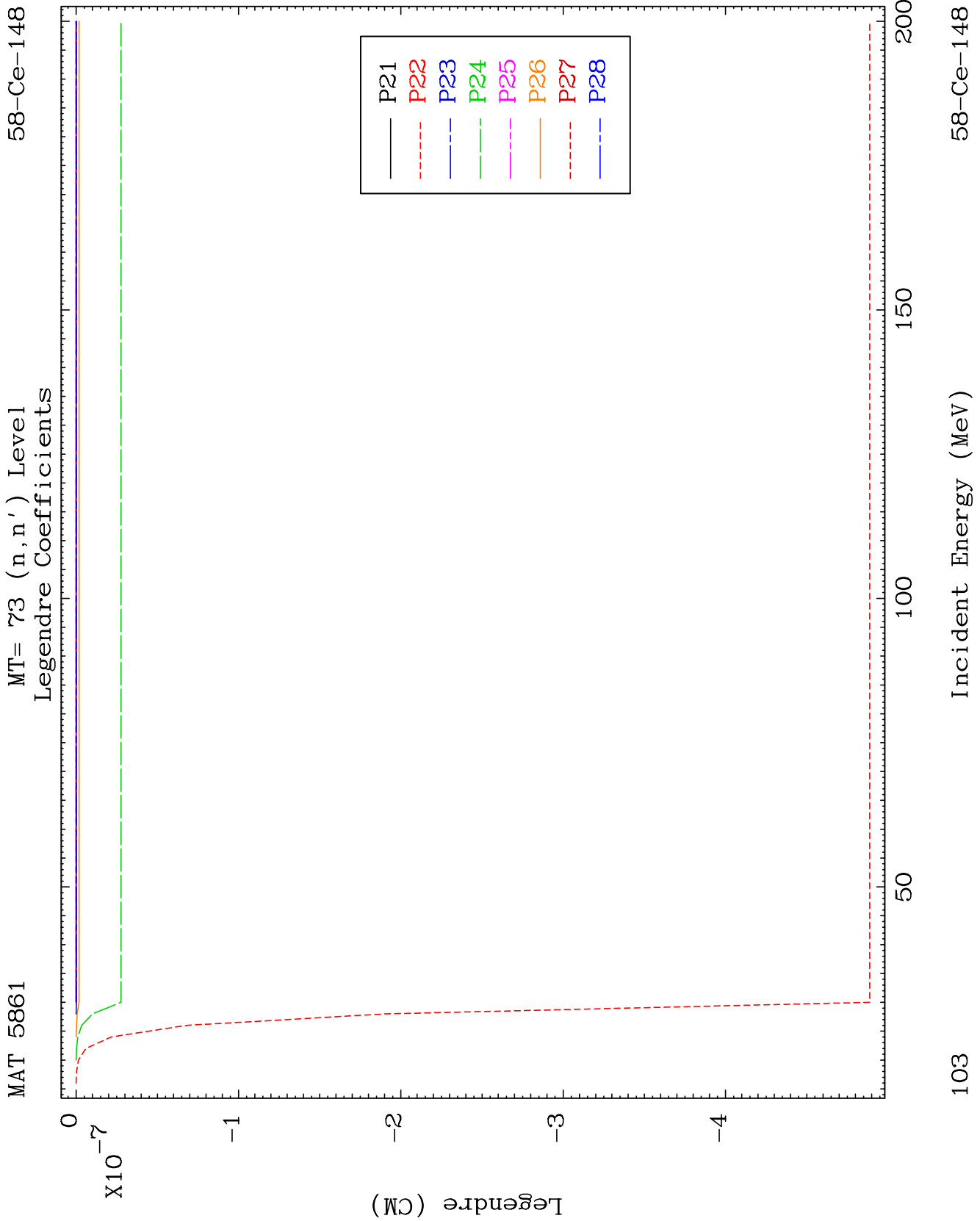
Incident Energy (MeV)

58-Ce-148





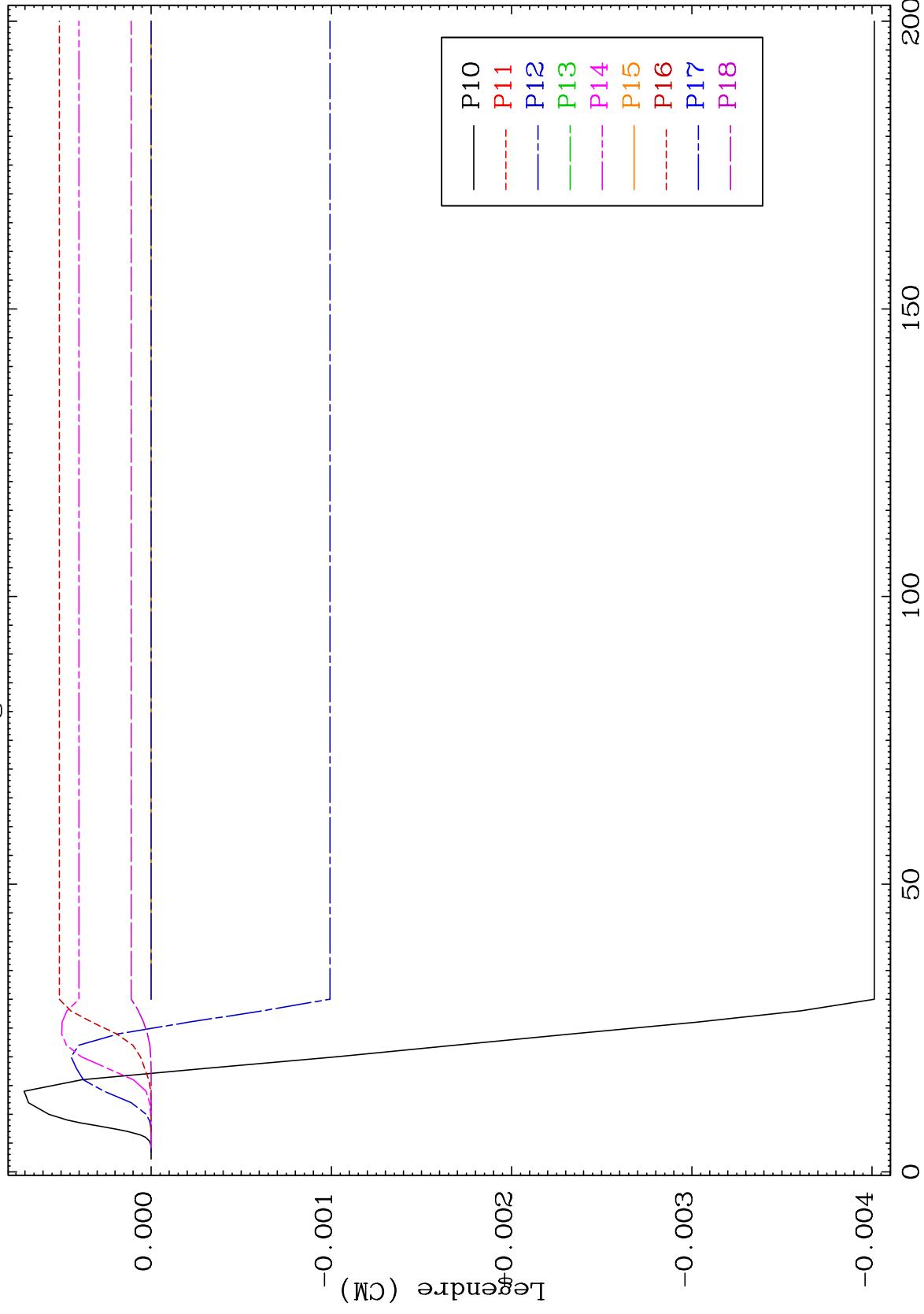




MAT 5861

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

58-Ce-148



105

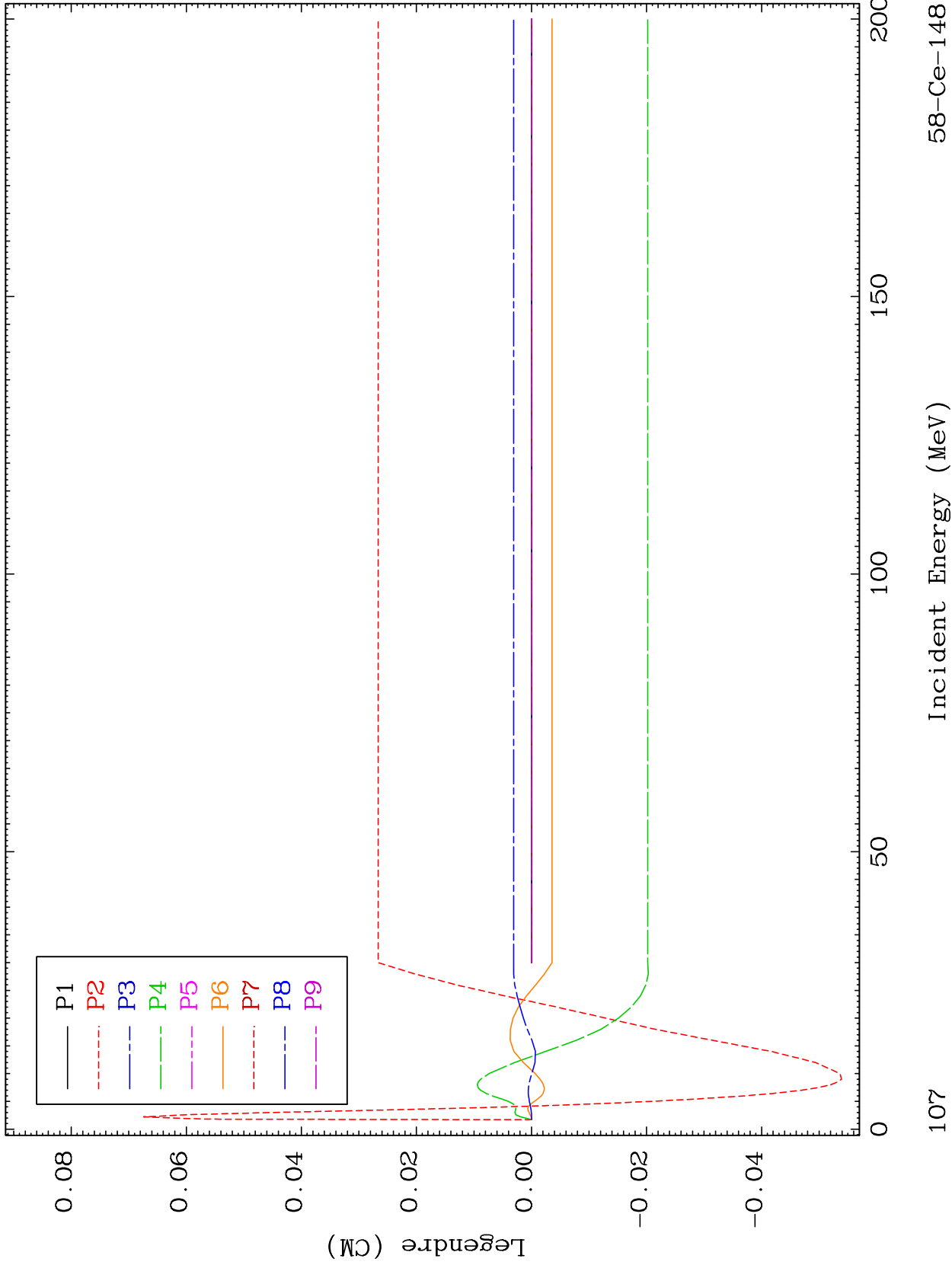
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

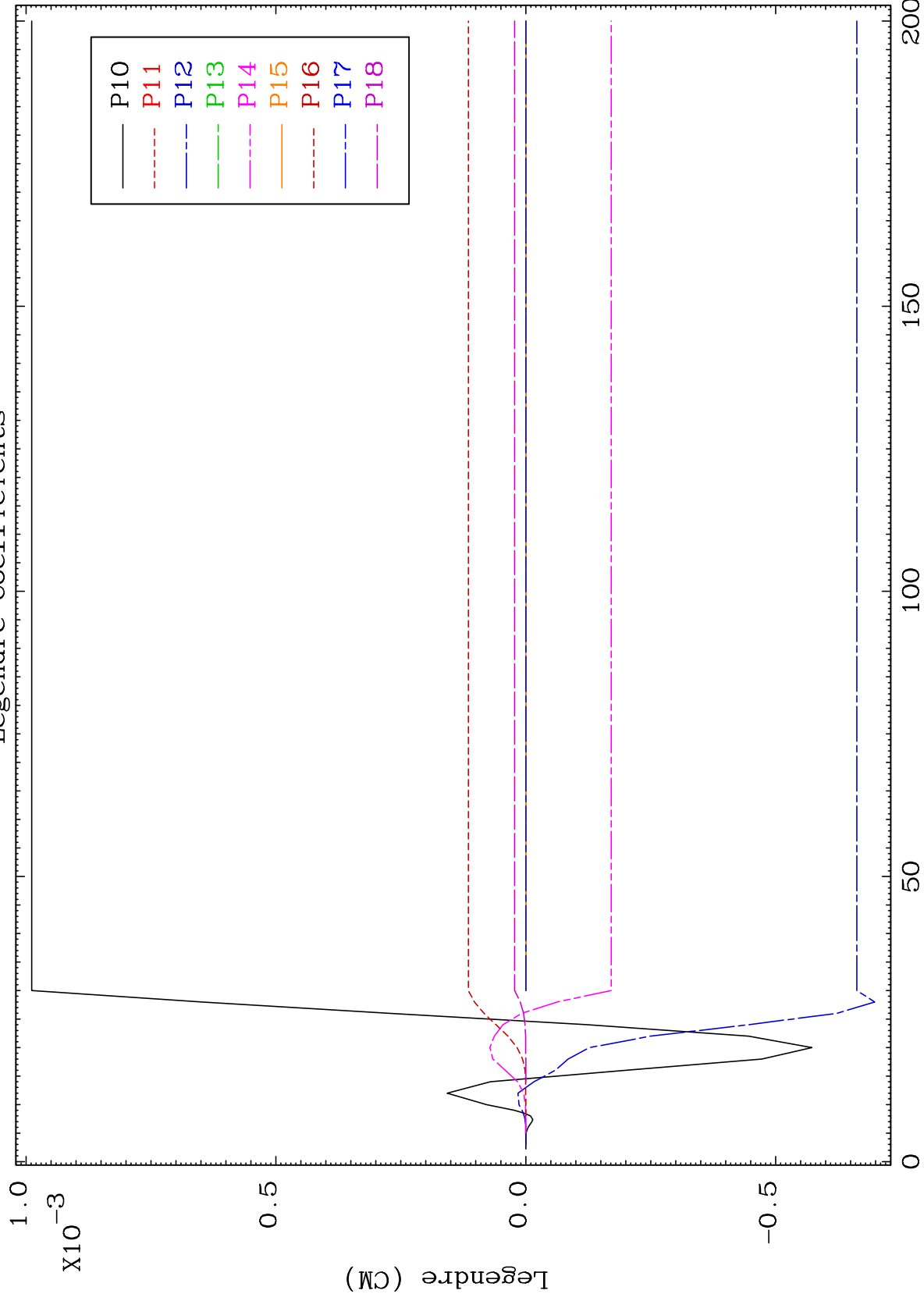
Incident Energy (MeV)

107

MAT 5861

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

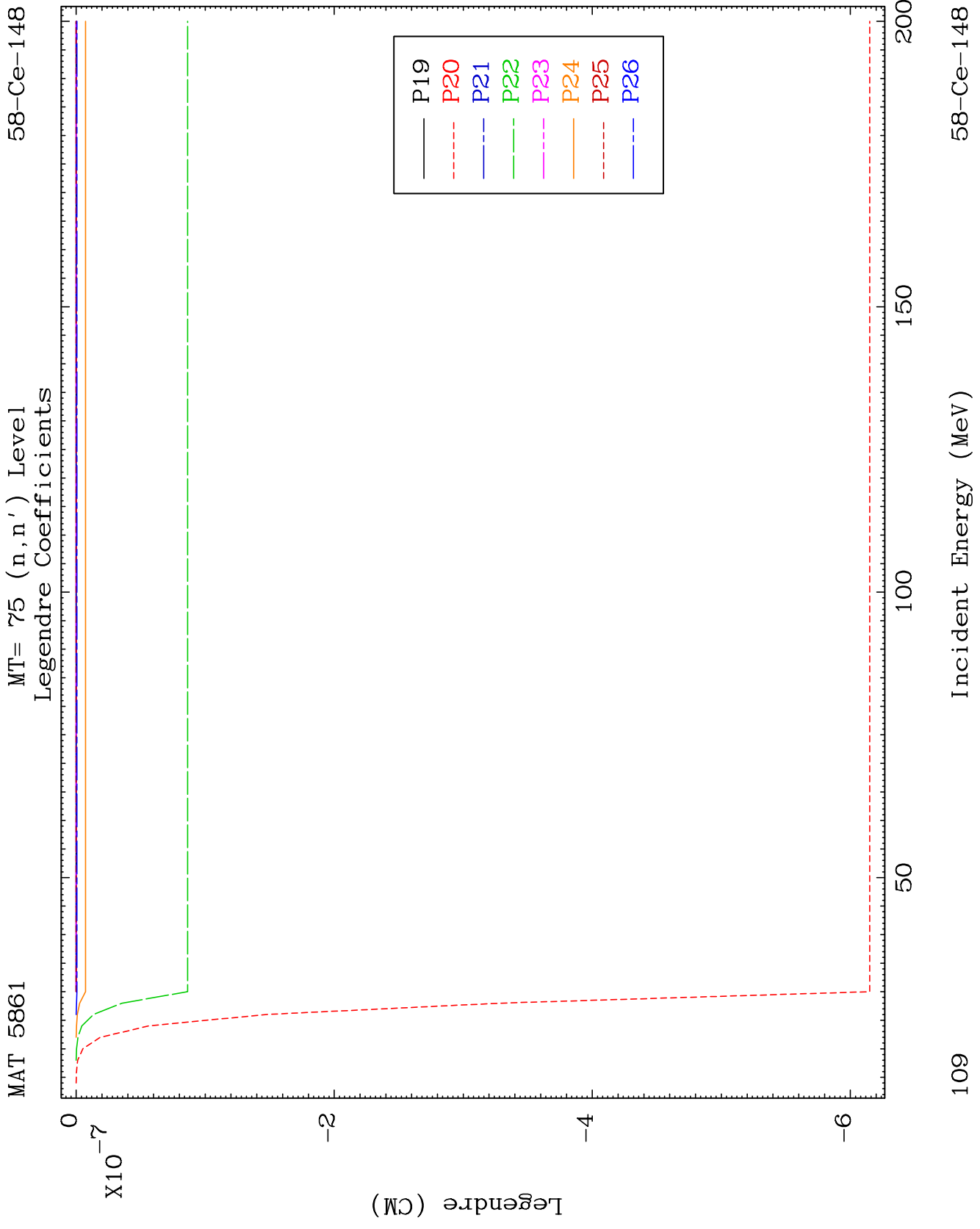
58-Ce-148

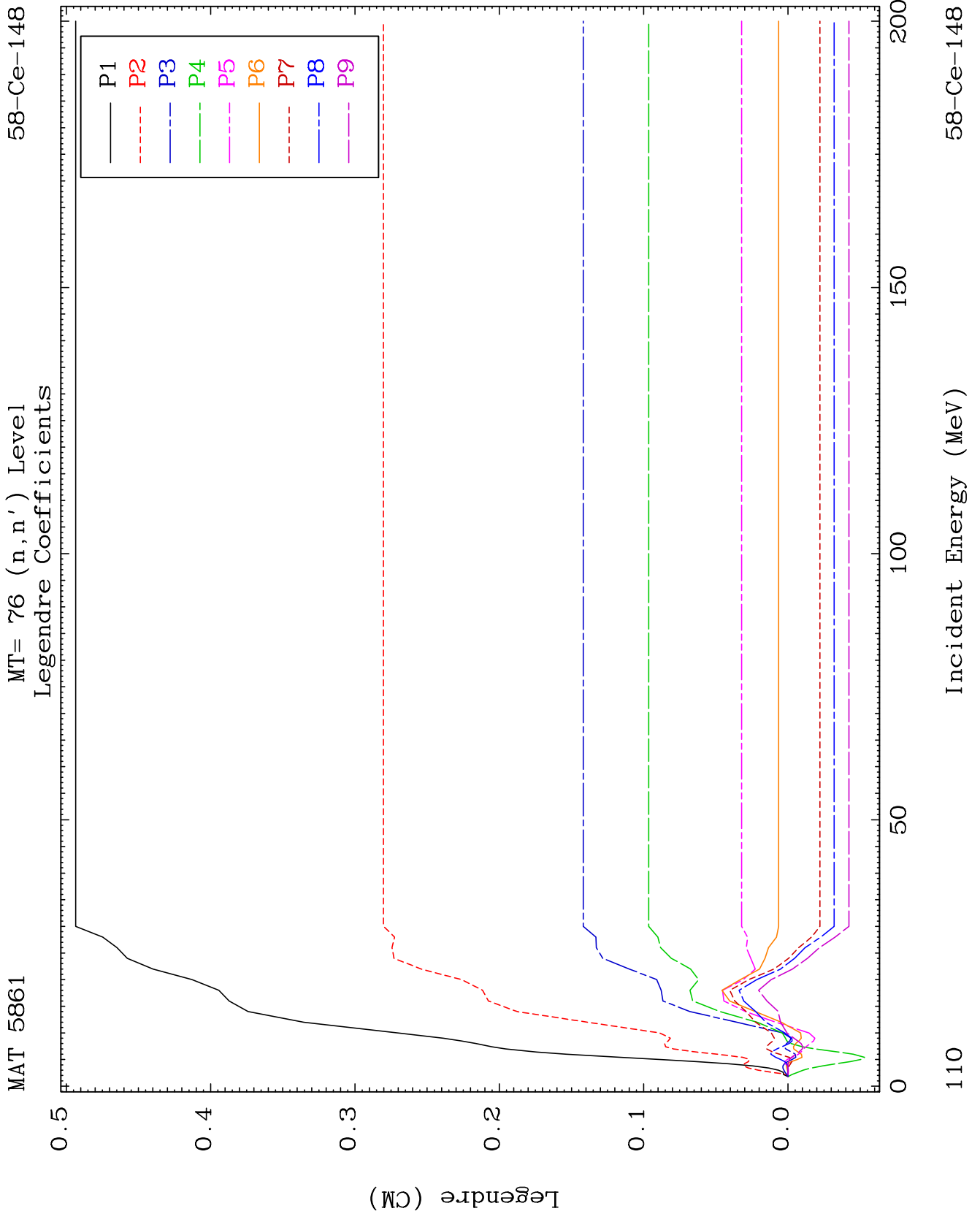


108

Incident Energy (MeV)

58-Ce-148

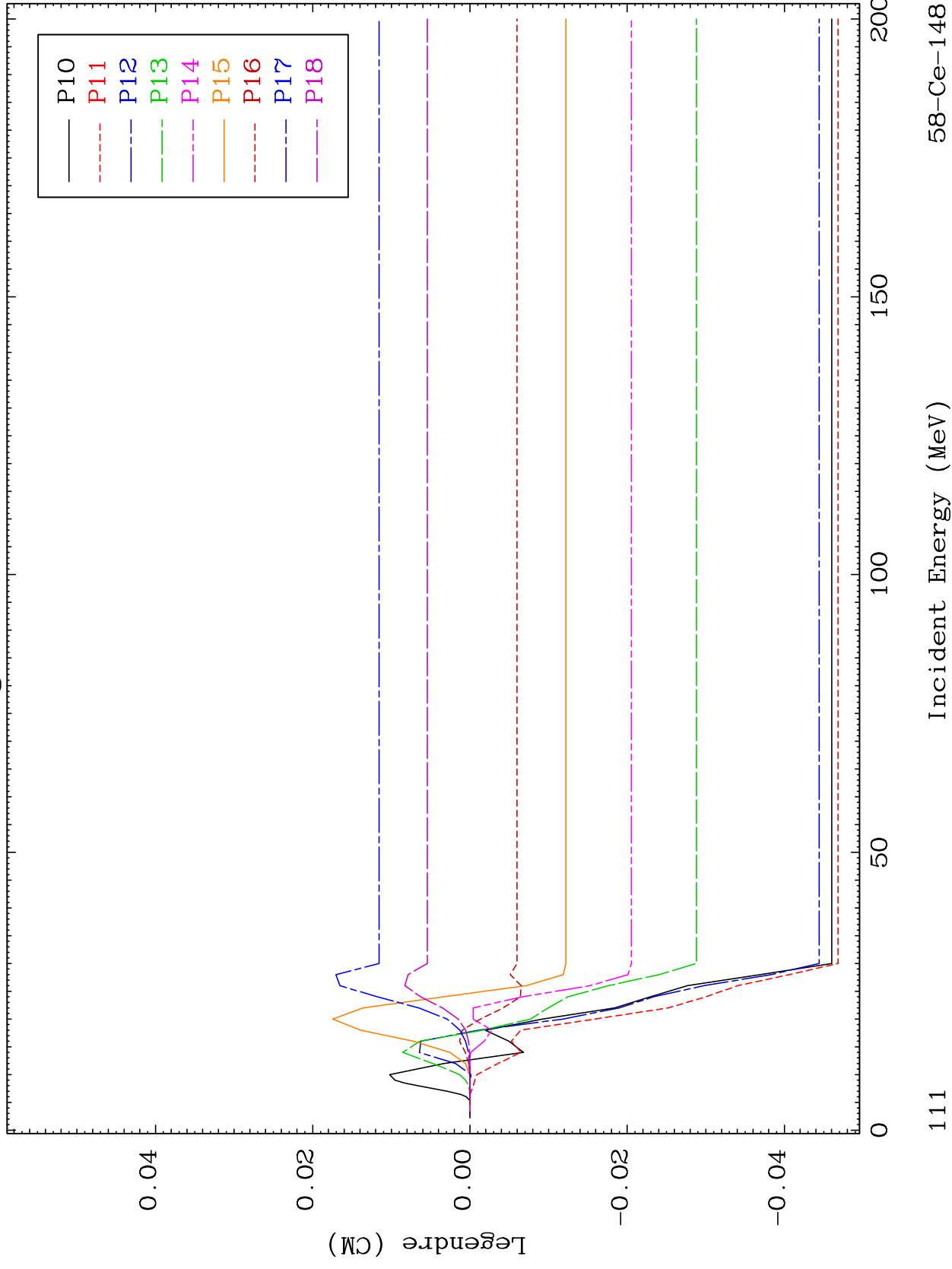




MAT 5861

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

58-Ce-148



58-Ce-148

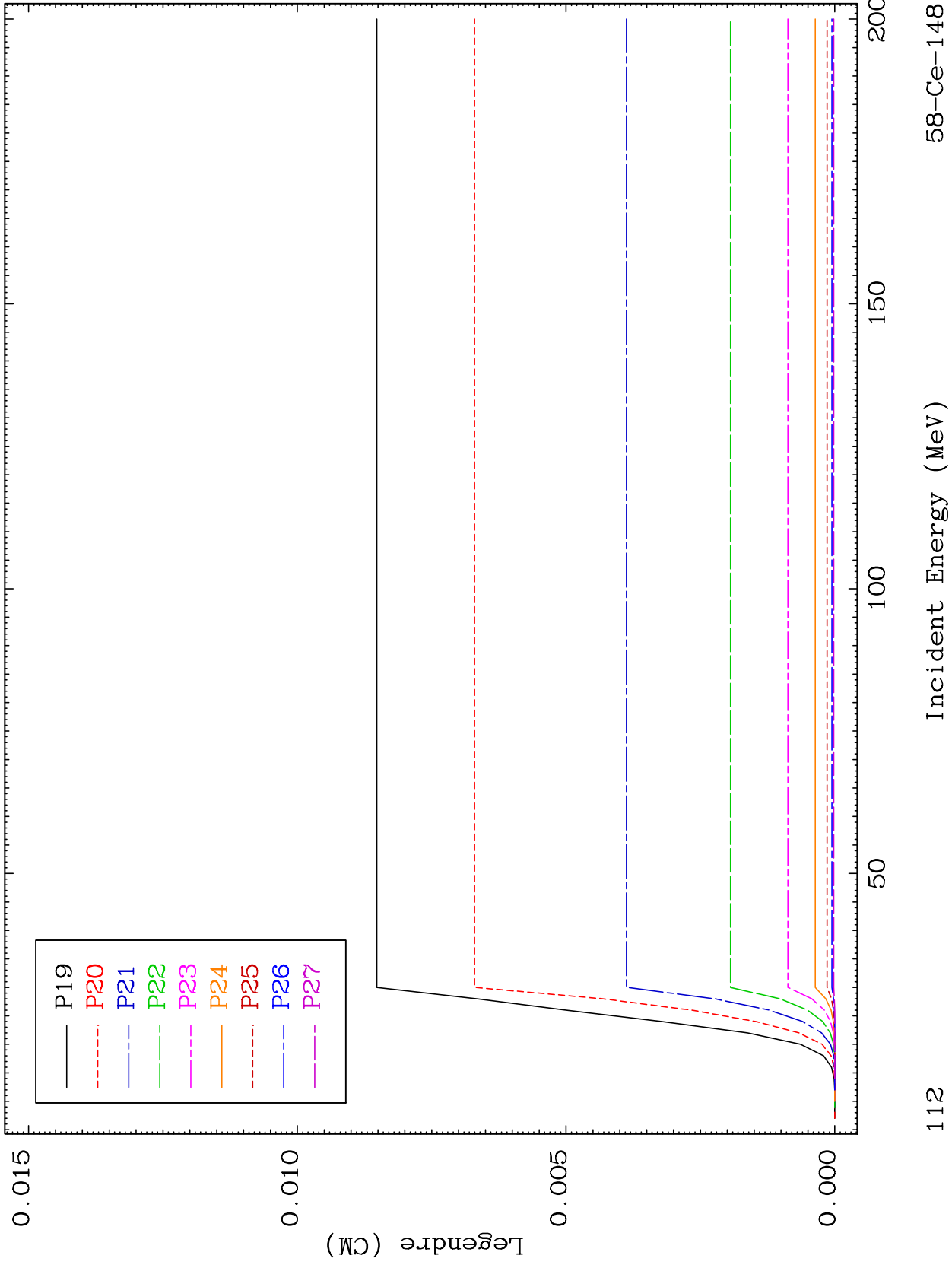
Incident Energy (MeV)

111

MAT 5861

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

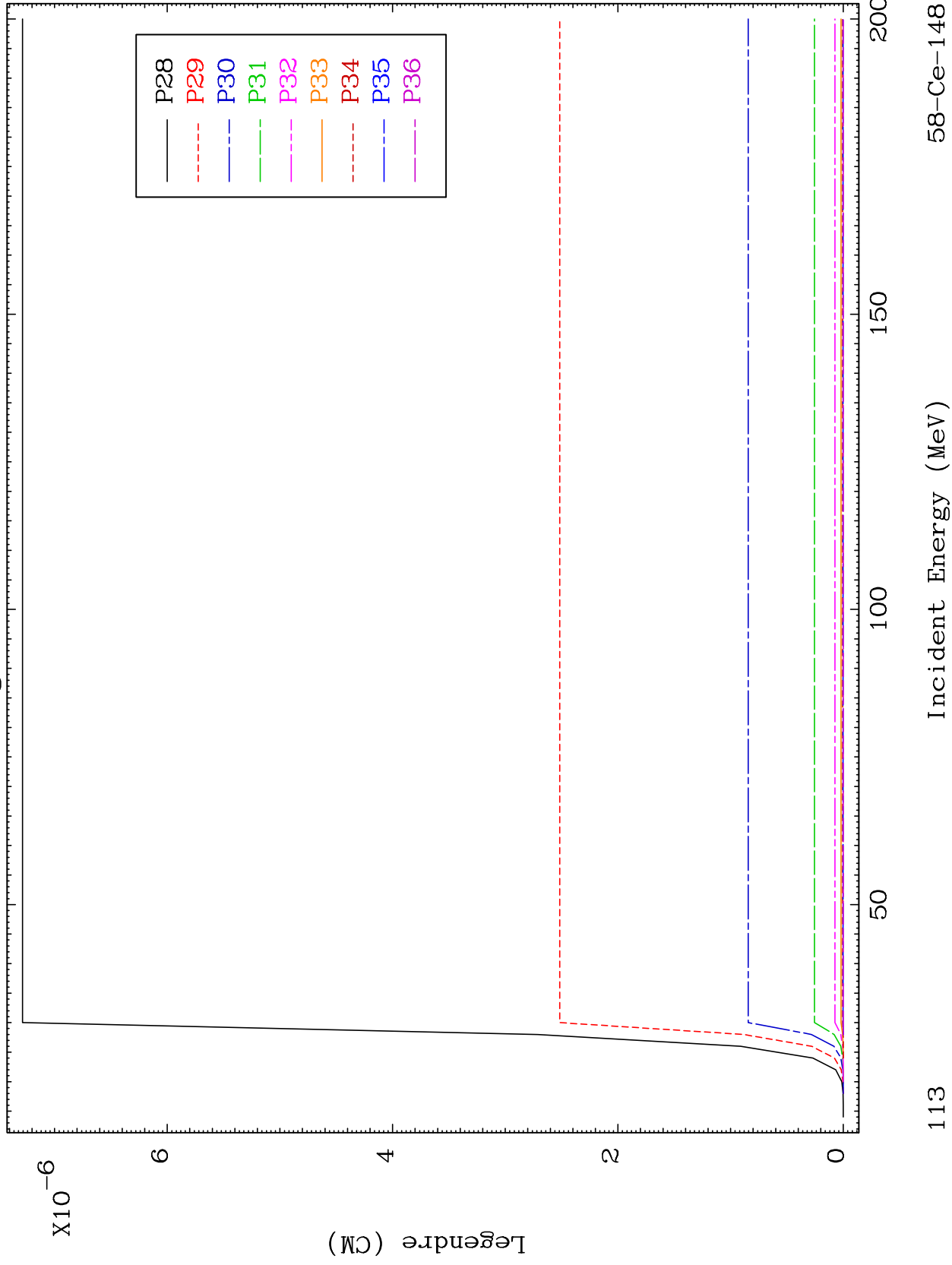
58-Ce-148



MAT 5861

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

58-Ce-148



113

Incident Energy (MeV)

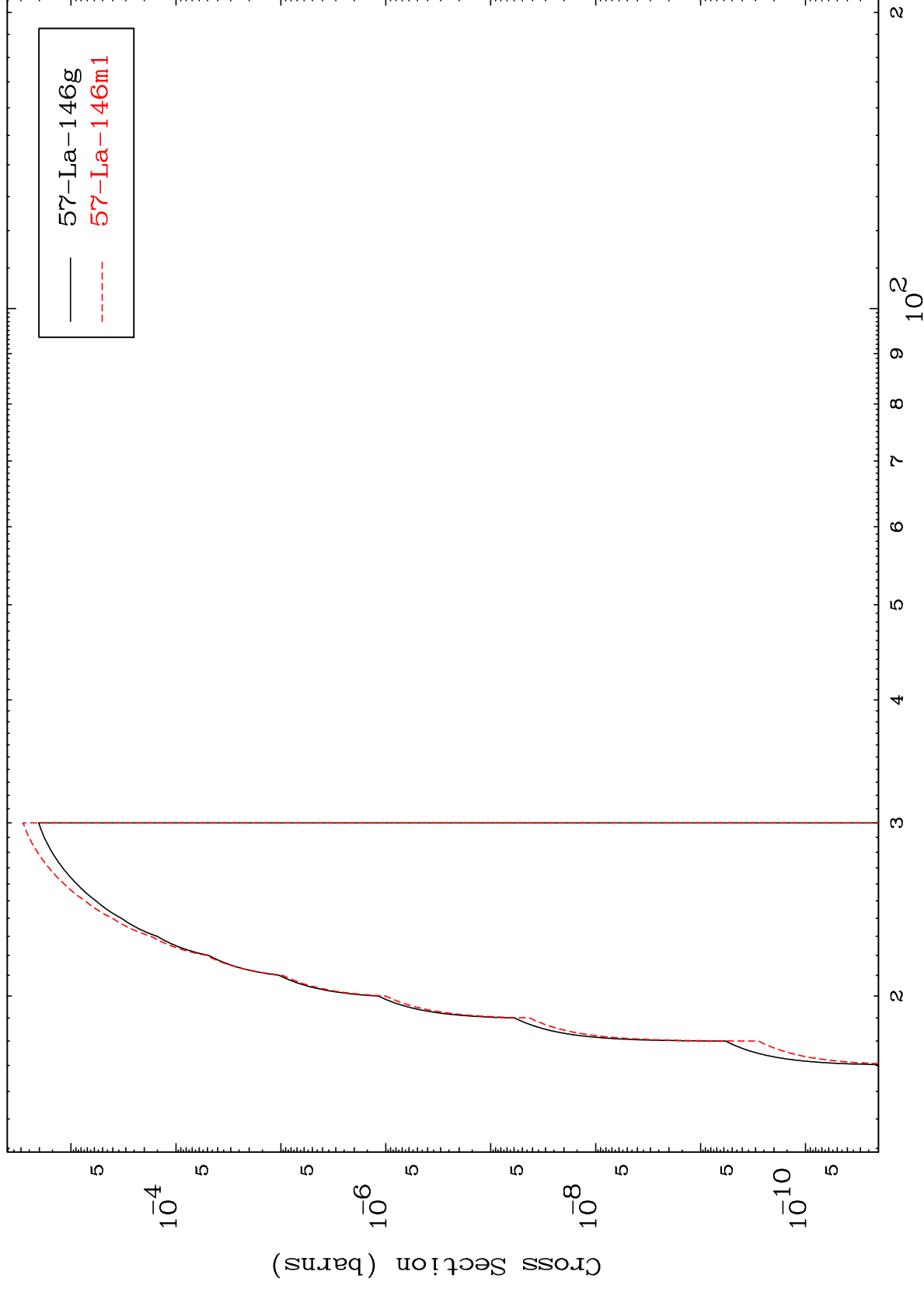
58-Ce-148

MAT 5861

(n,n') d

58-Ce-148

Radionuclide Production Cross Section



114

Incident Energy (MeV)

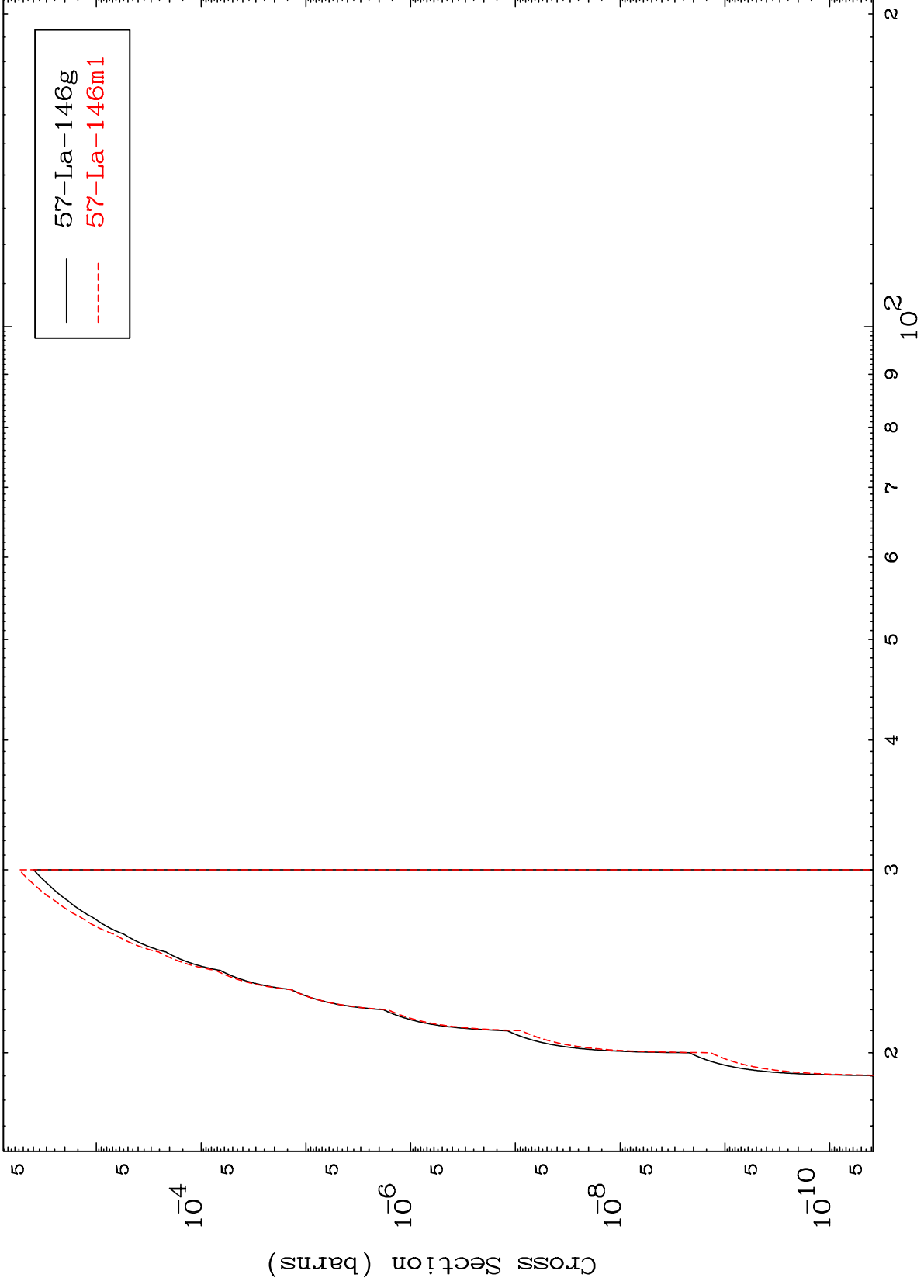
58-Ce-148

MAT 5861

(n,2n) p

58-Ce-148

Radionuclide Production Cross Section



115

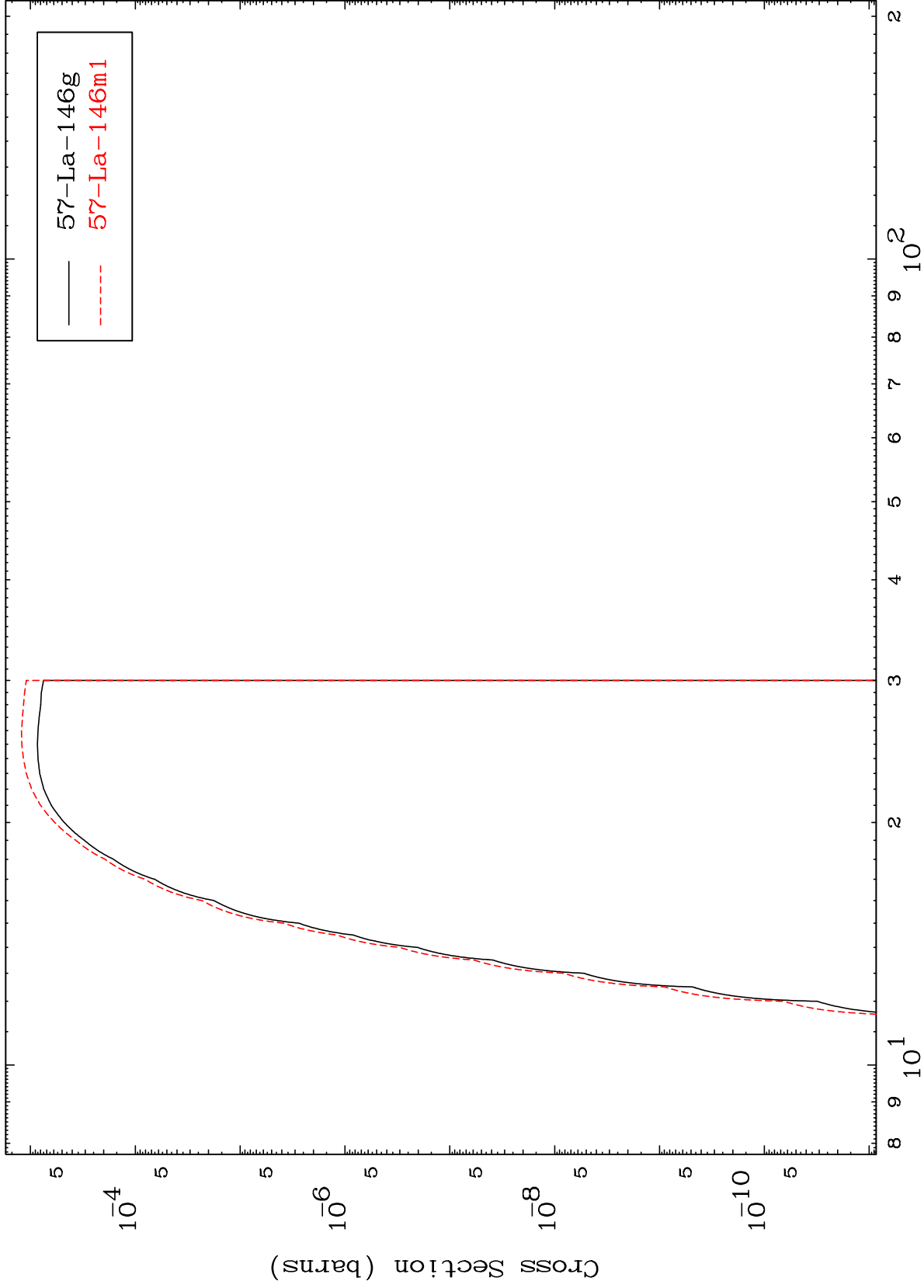
Incident Energy (MeV)

58-Ce-148

MAT 5861

58-Ce-148

(n,t)
Radionuclide Production Cross Section



58-Ce-148

Incident Energy (MeV)

116