

Program EVALPLOT
(Version 2021-1)

by

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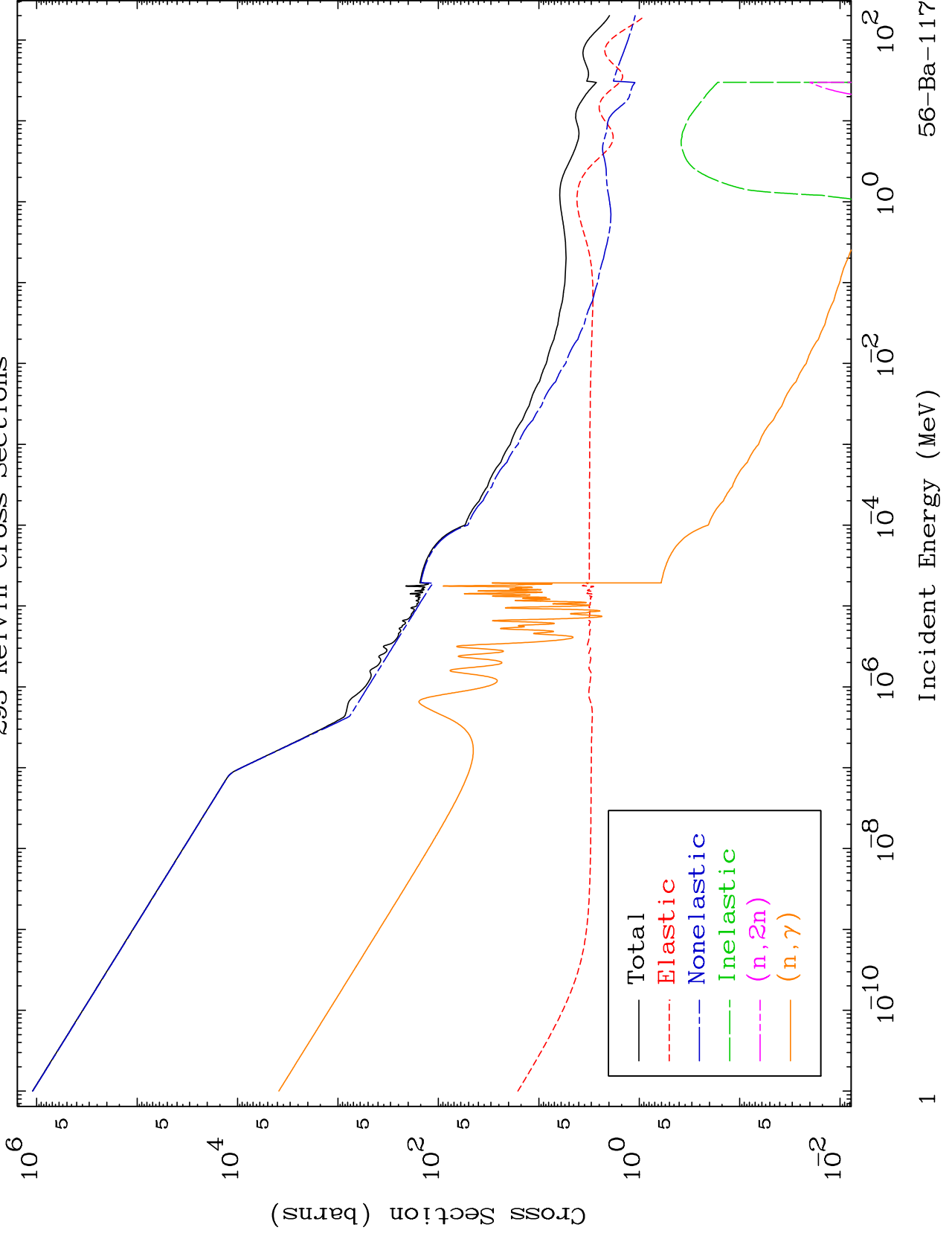
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5586

Neutron Major
293 Kelvin Cross Sections

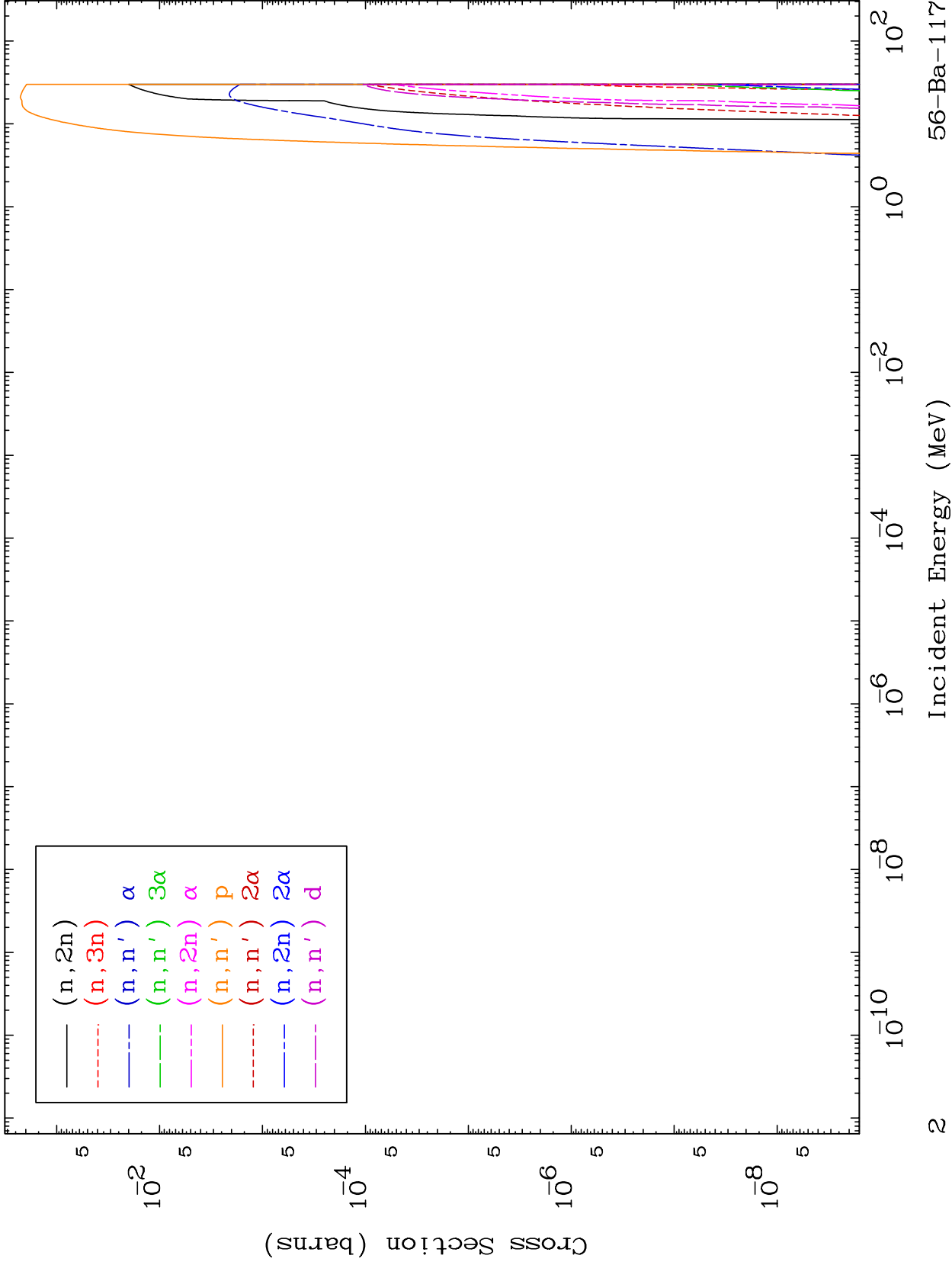
56-Ba-117



MAT 5586

Neutron Absorption
293 Kelvin Cross Sections

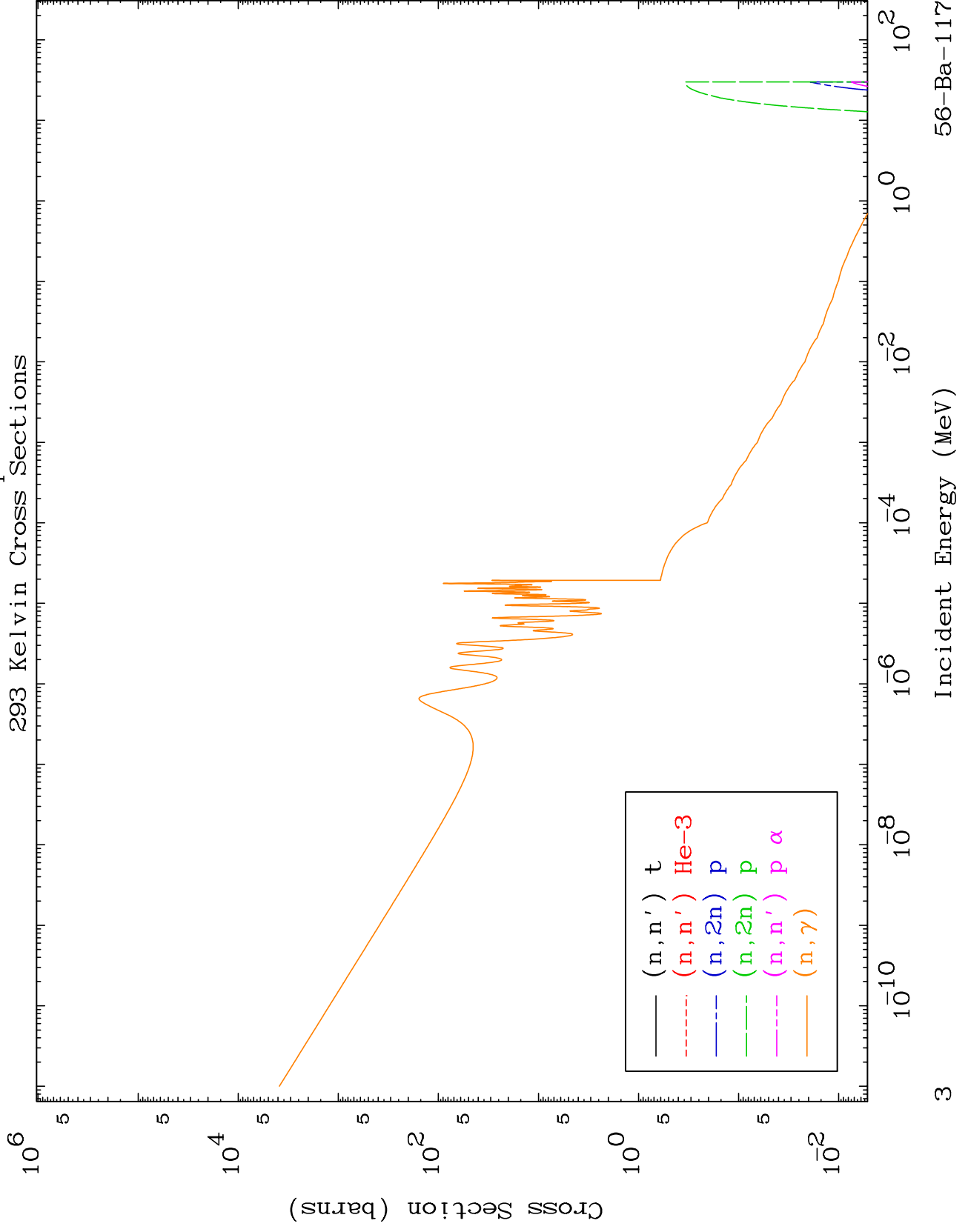
56-Ba-117

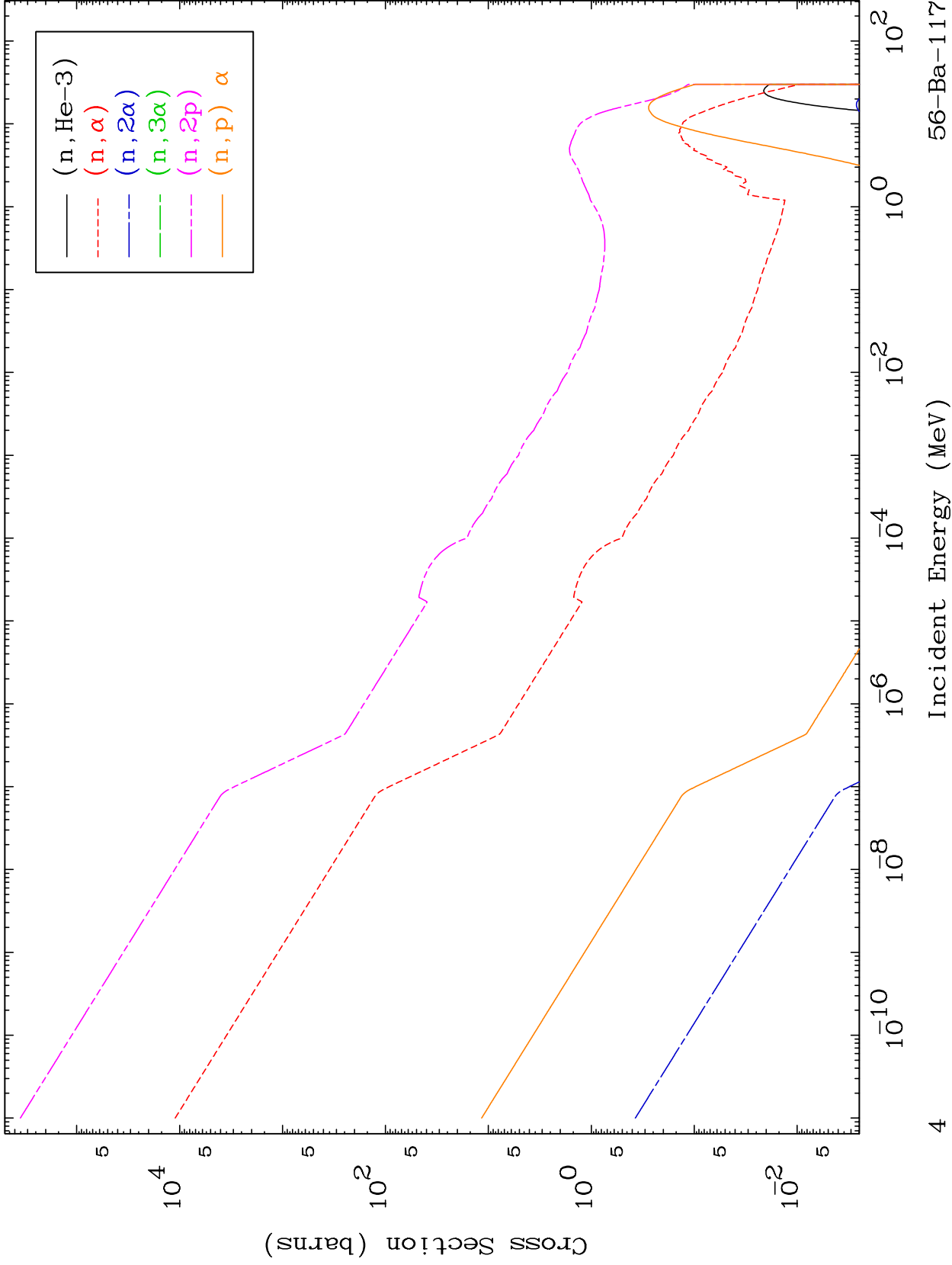


MAT 5586

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-117

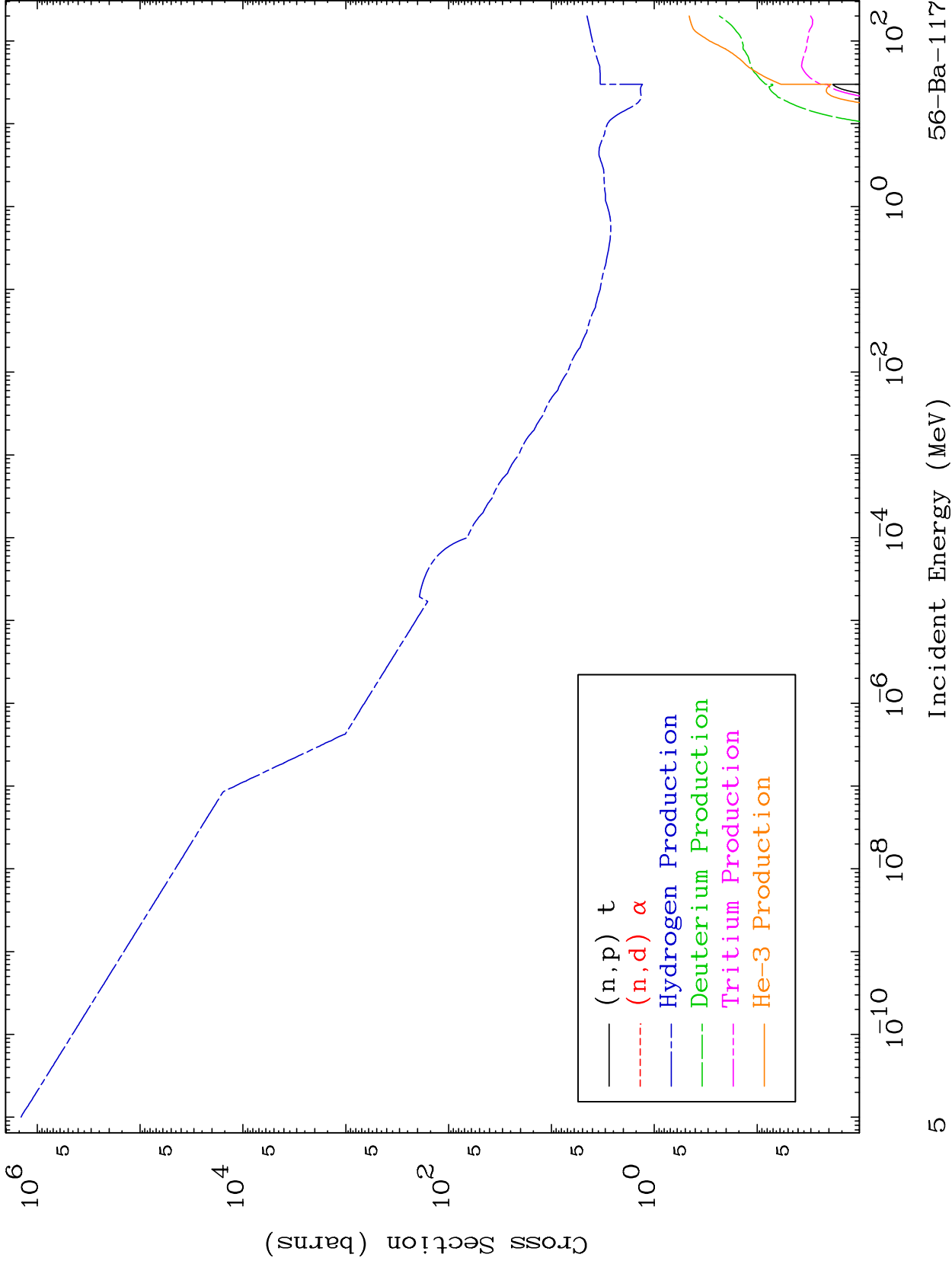




MAT 5586

Neutron Absorption
293 Kelvin Cross Sections

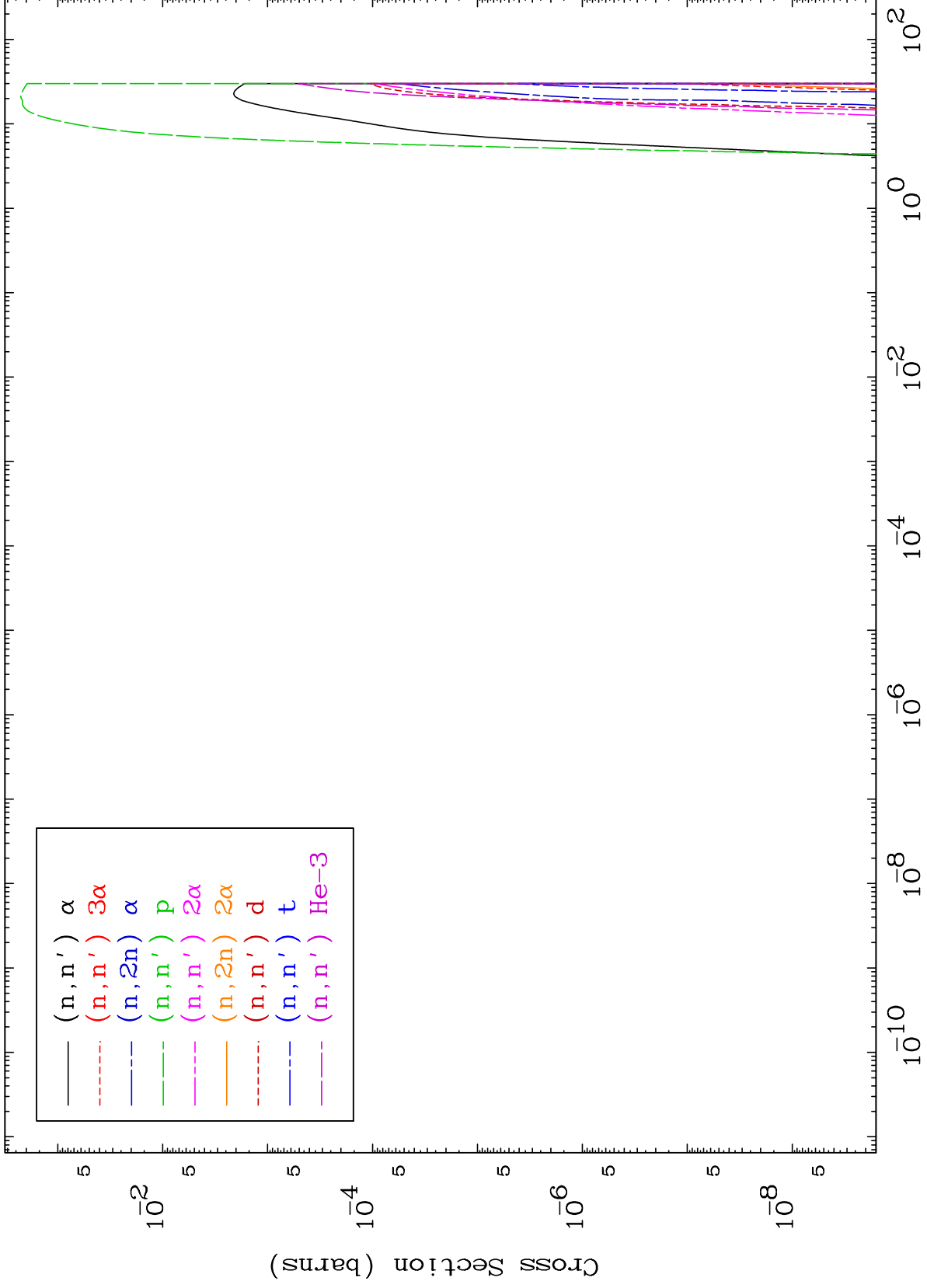
56-Ba-117

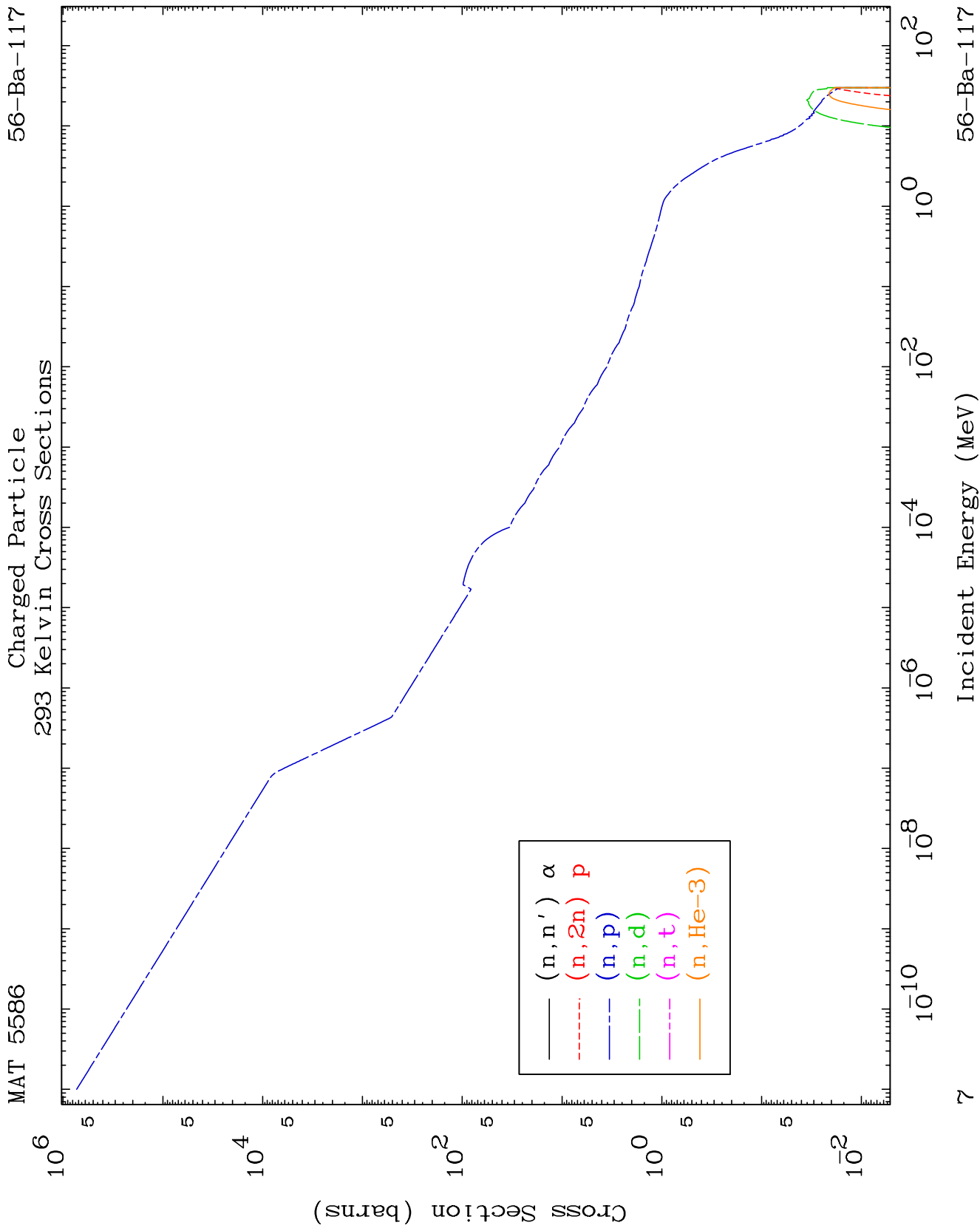


MAT 5586

Charged Particle
293 Kelvin Cross Sections

56-Ba-117

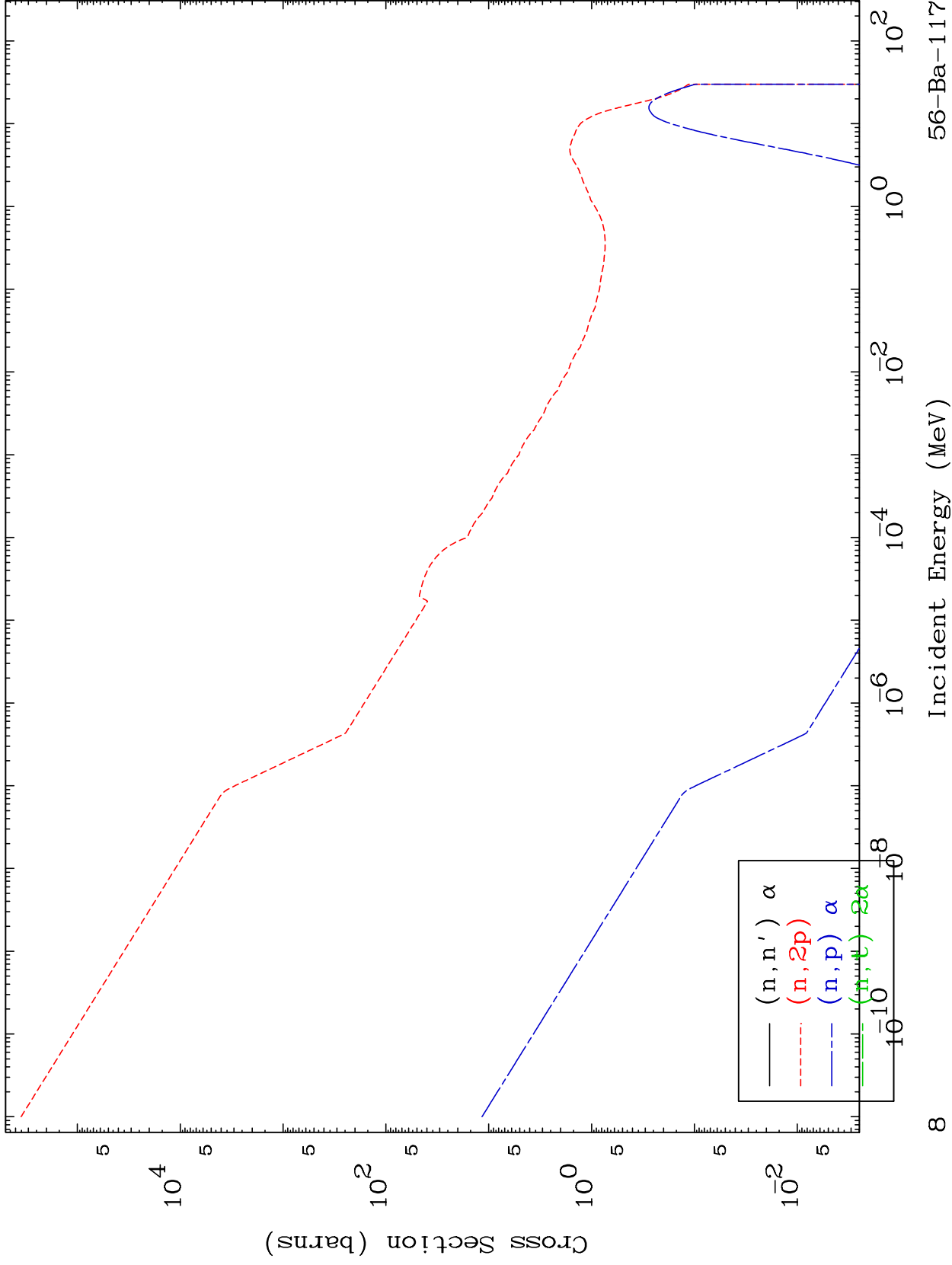




MAT 5586

Charged Particle
293 Kelvin Cross Sections

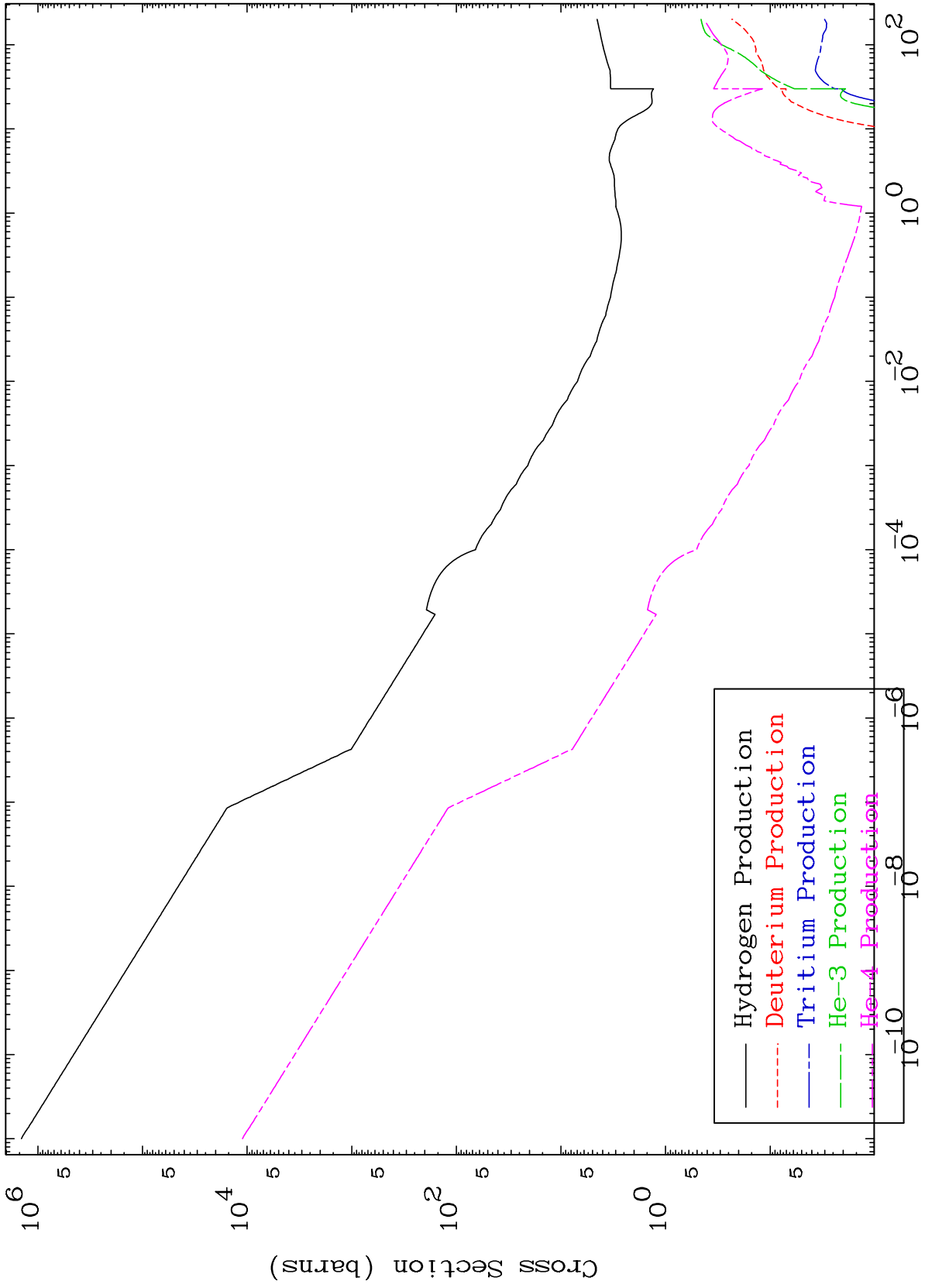
56-Ba-117



MAT 5586

Particle Production
293 Kelvin Cross Sections

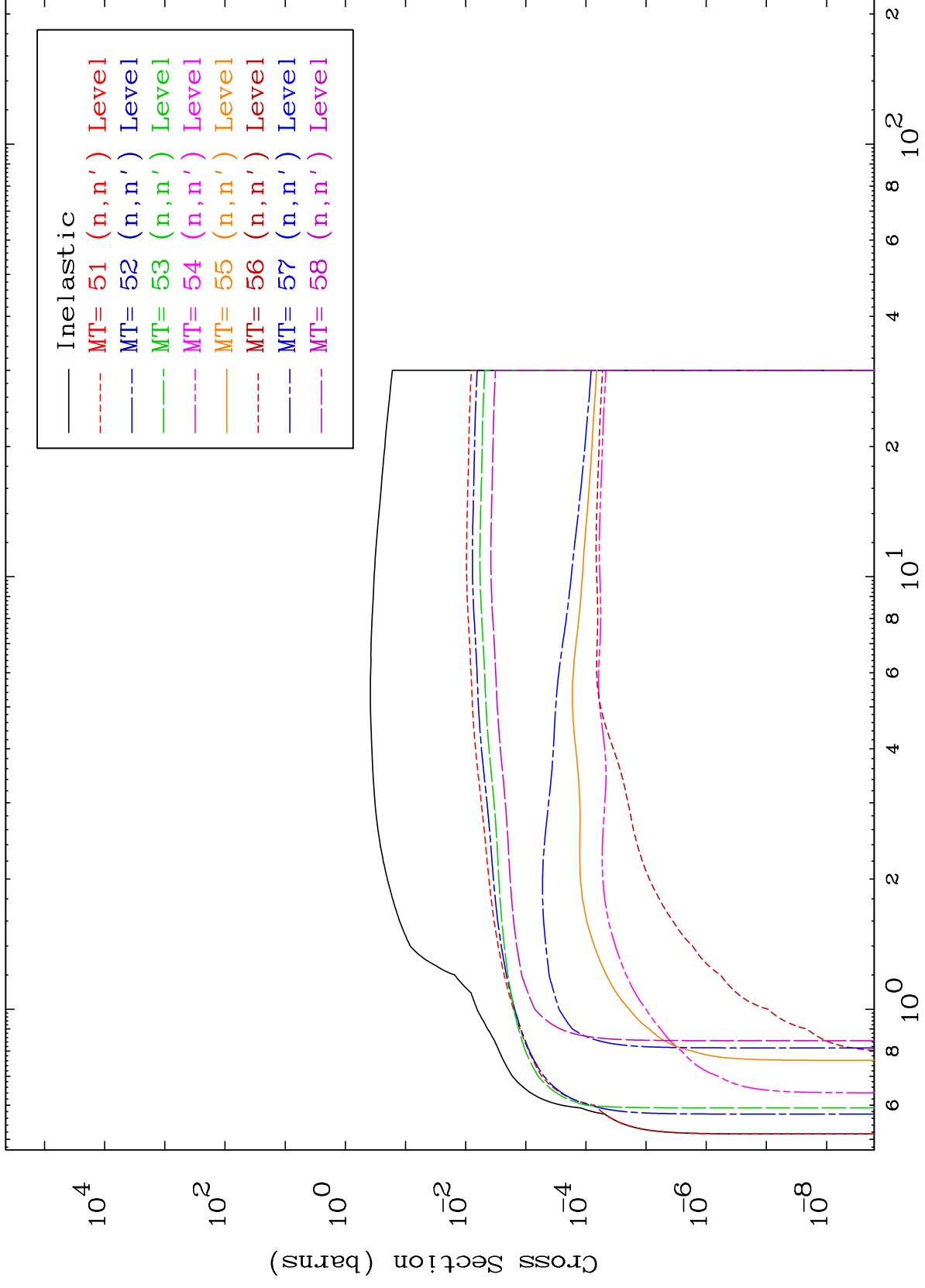
56-Ba-117



MAT 5586

(n,n') Levels
293 Kelvin Cross Sections

56-Ba-117



10

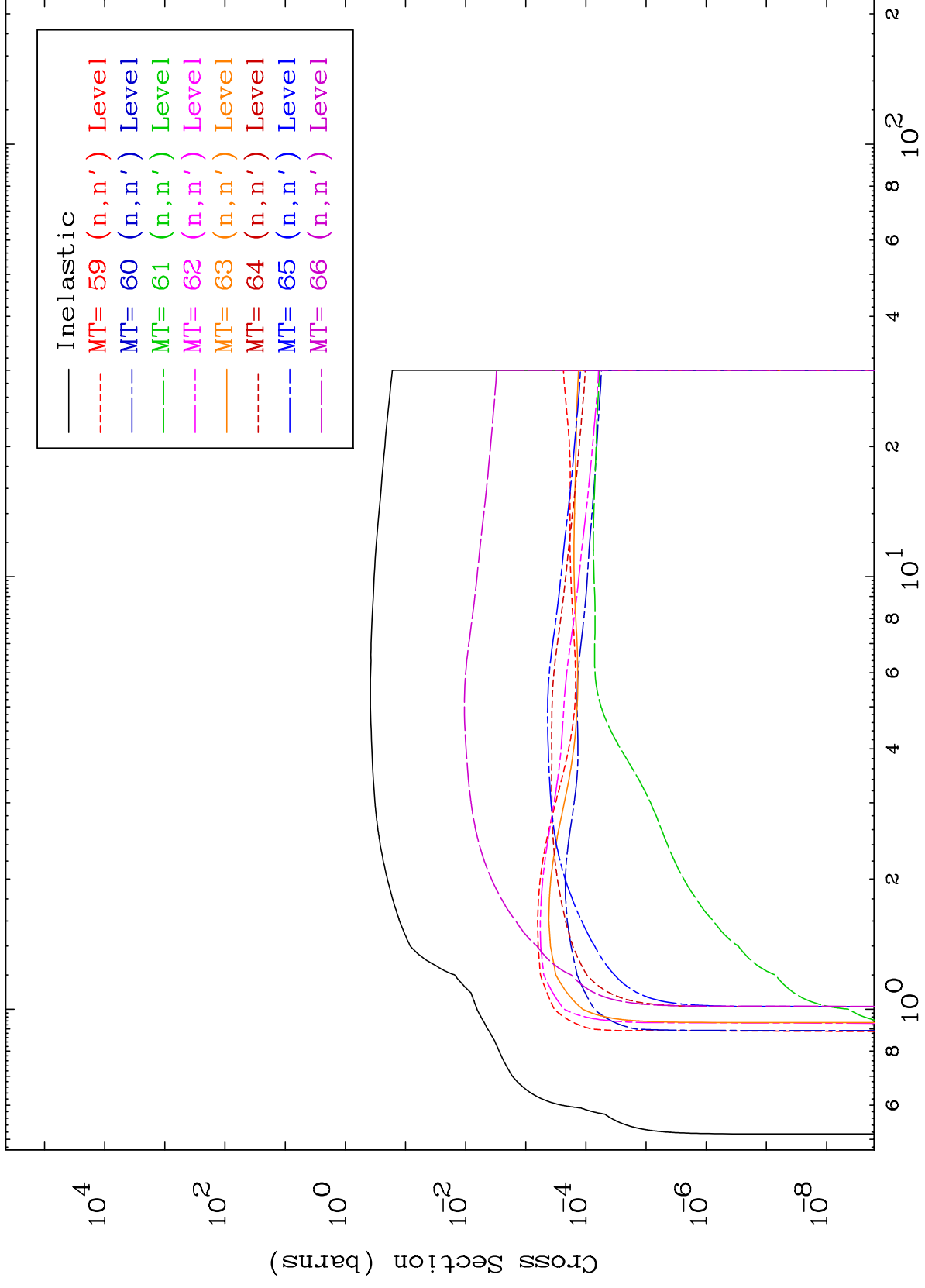
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,n') Levels
293 Kelvin Cross Sections

56-Ba-117

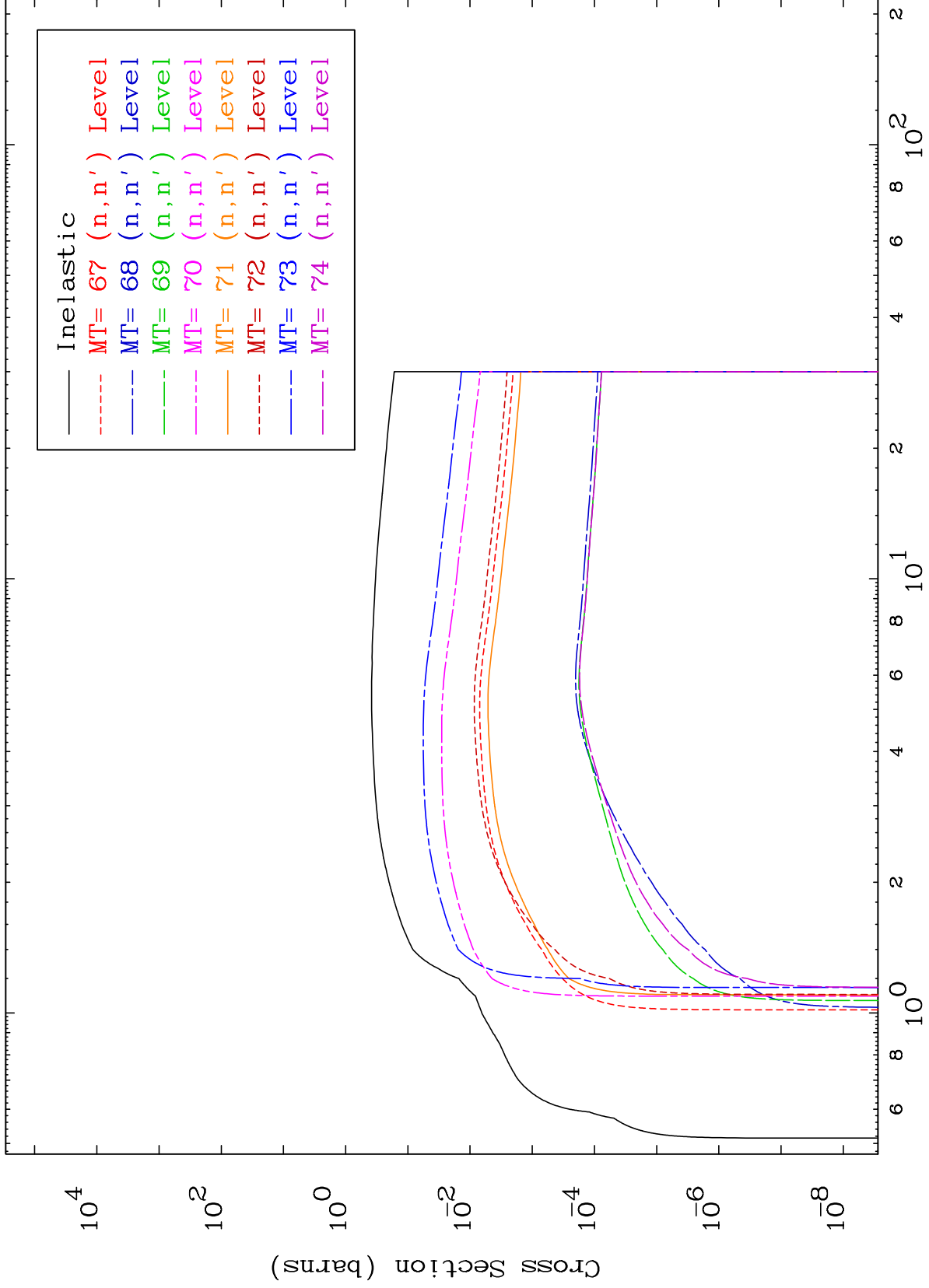


MAT 5586

(n,n') Levels

56-Ba-117

293 Kelvin Cross Sections



12

Incident Energy (MeV)

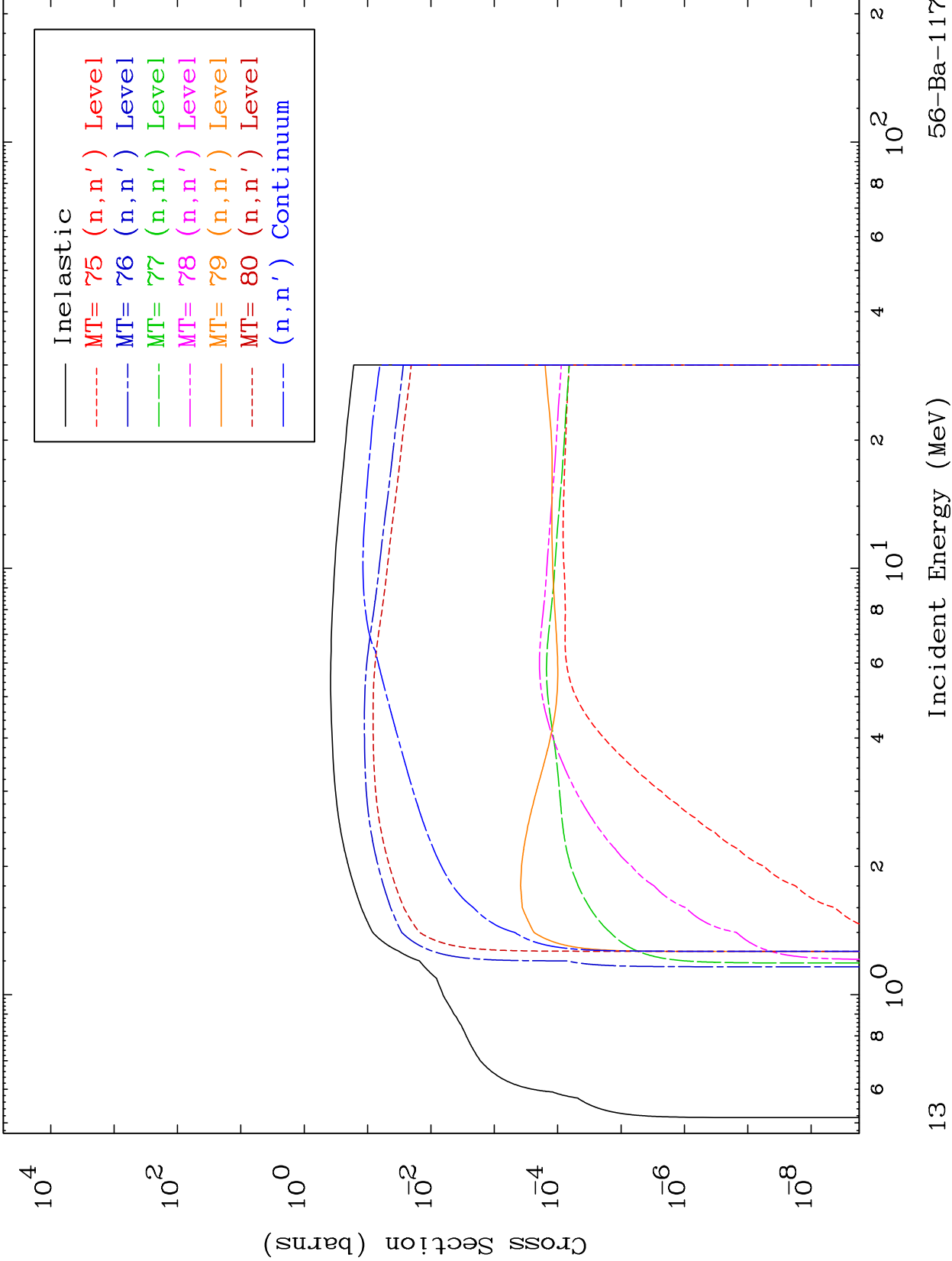
56-Ba-117

MAT 5586

(n,n') Levels

56-Ba-117

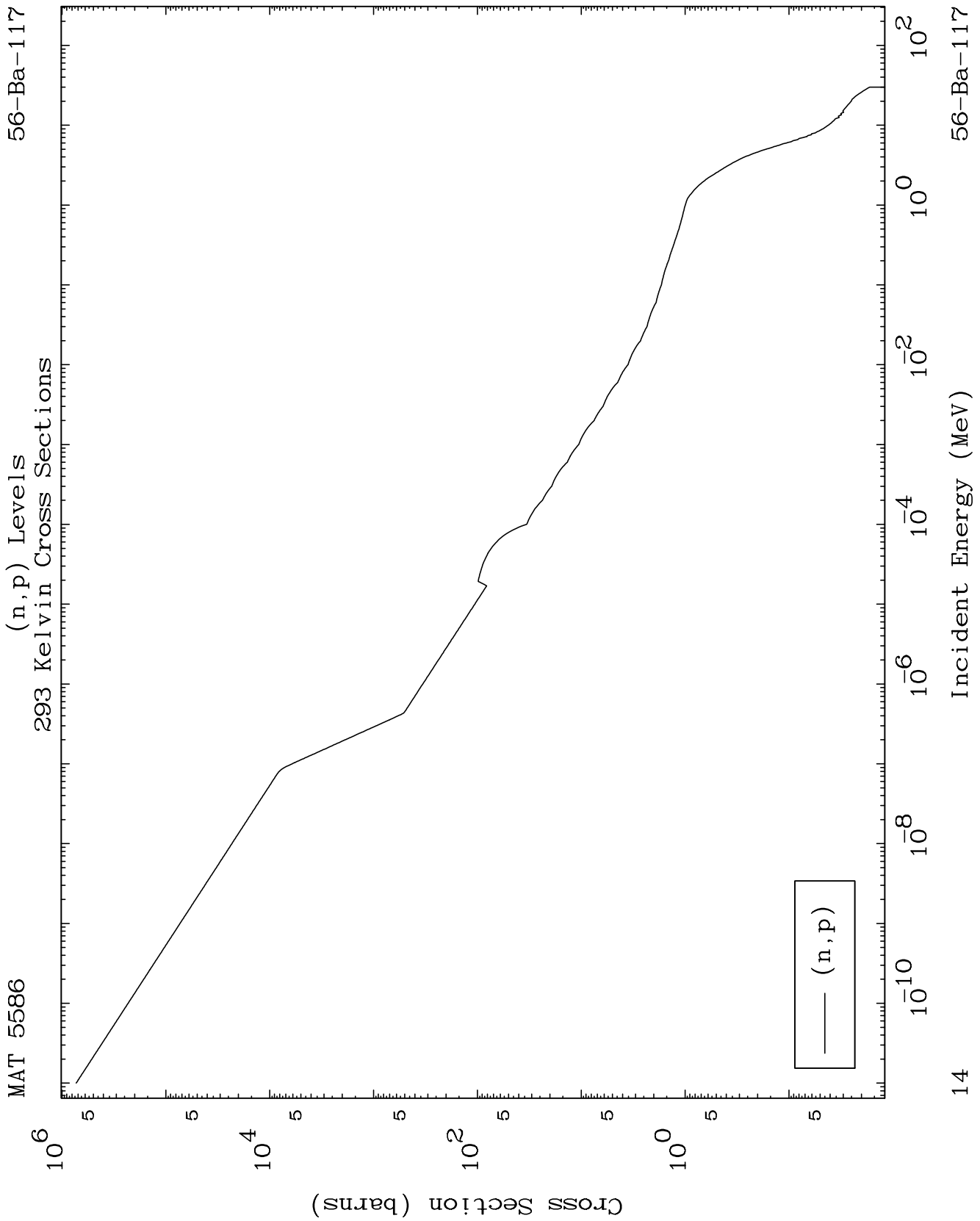
293 Kelvin Cross Sections



13

Incident Energy (MeV)

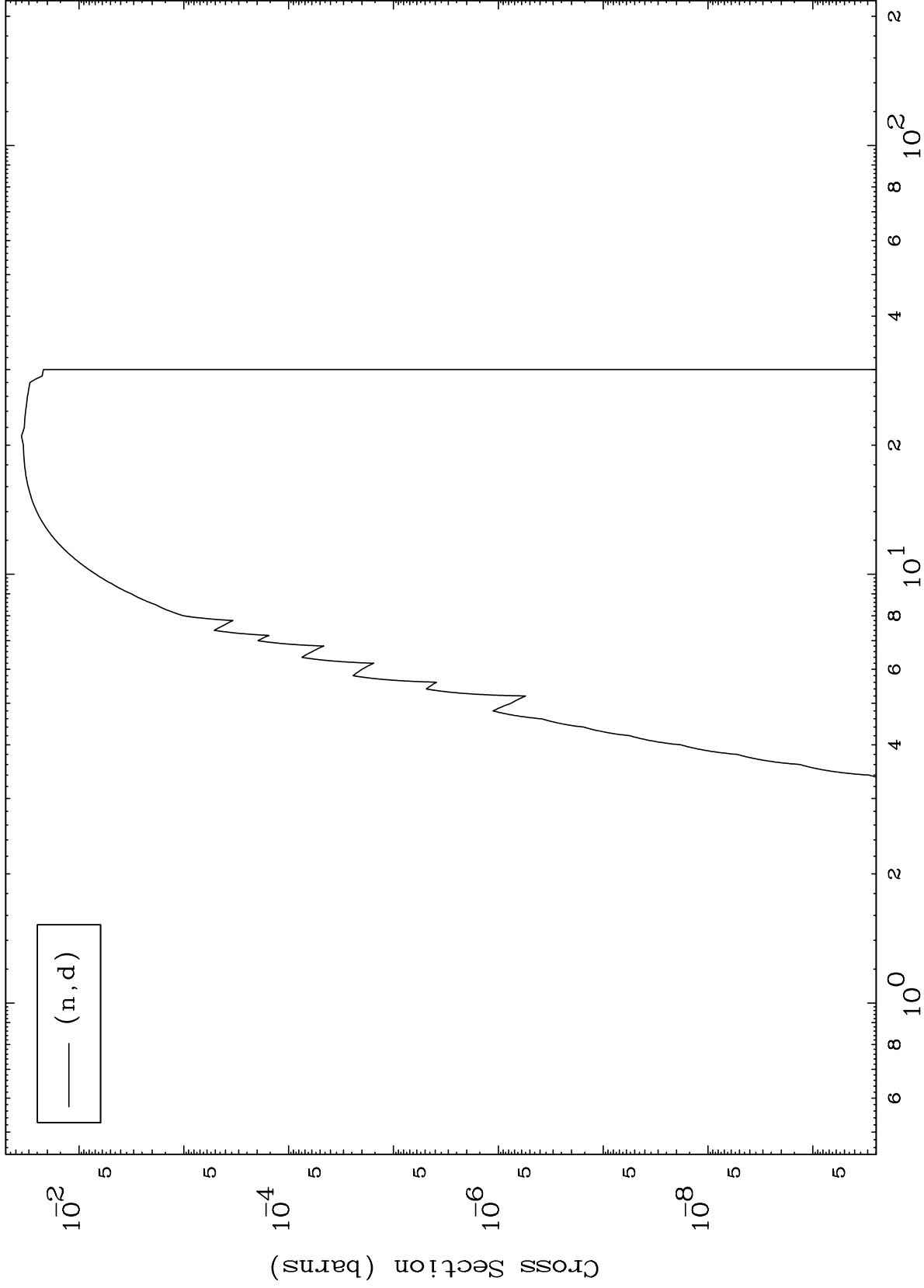
56-Ba-117



MAT 5586

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-117



15

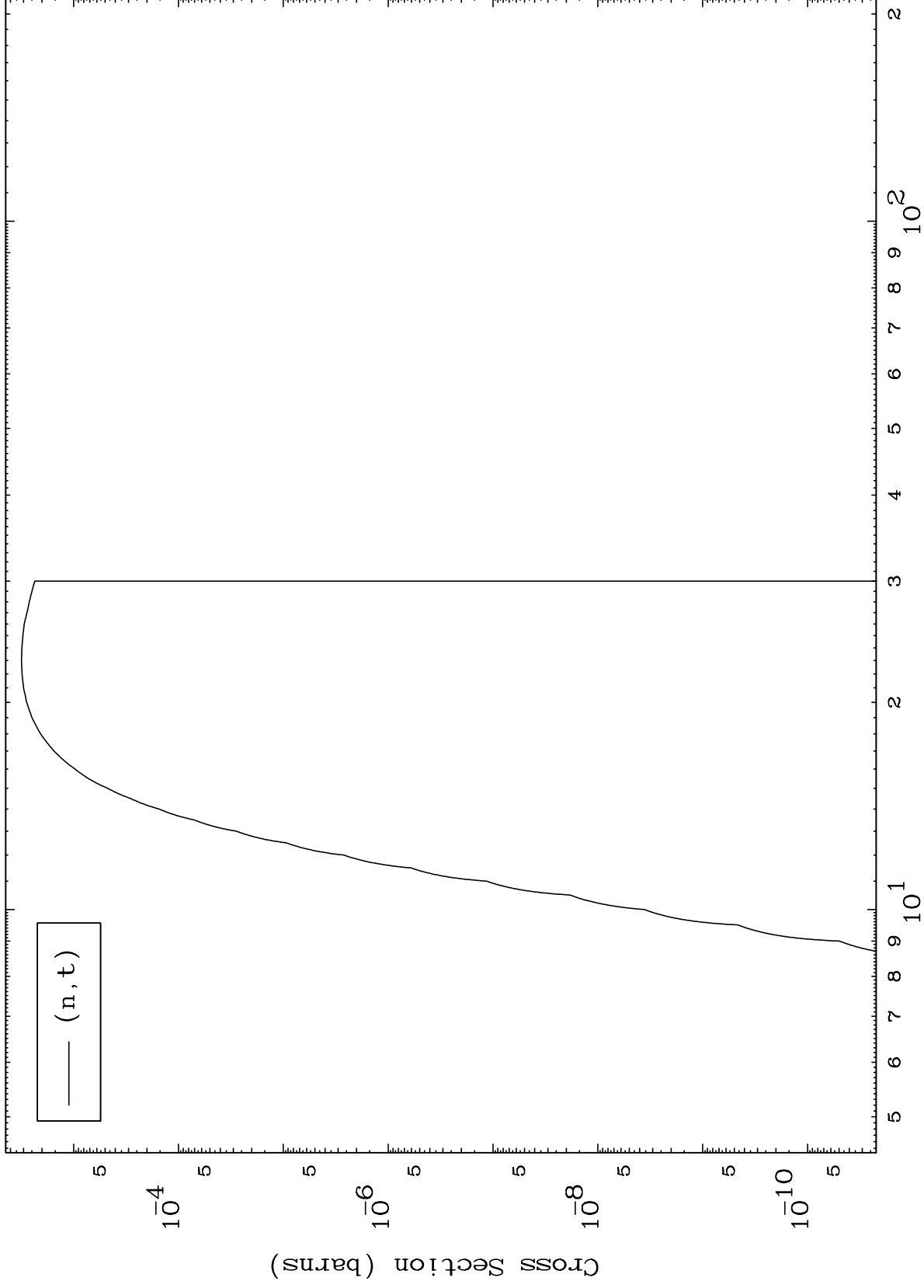
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-117



16

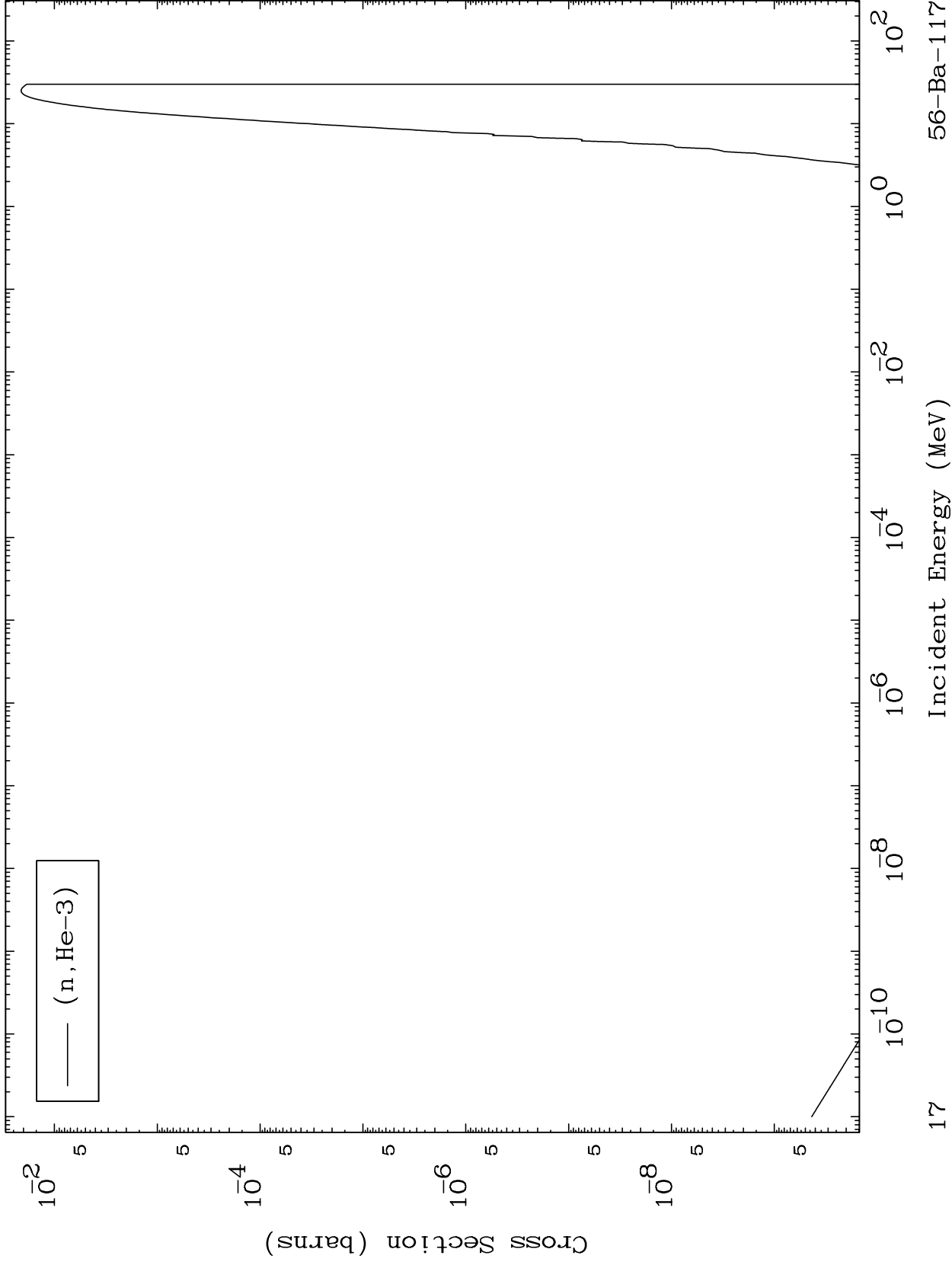
Incident Energy (MeV)

56-Ba-117

MAT 5586

(n,He3) Levels
293 Kelvin Cross Sections

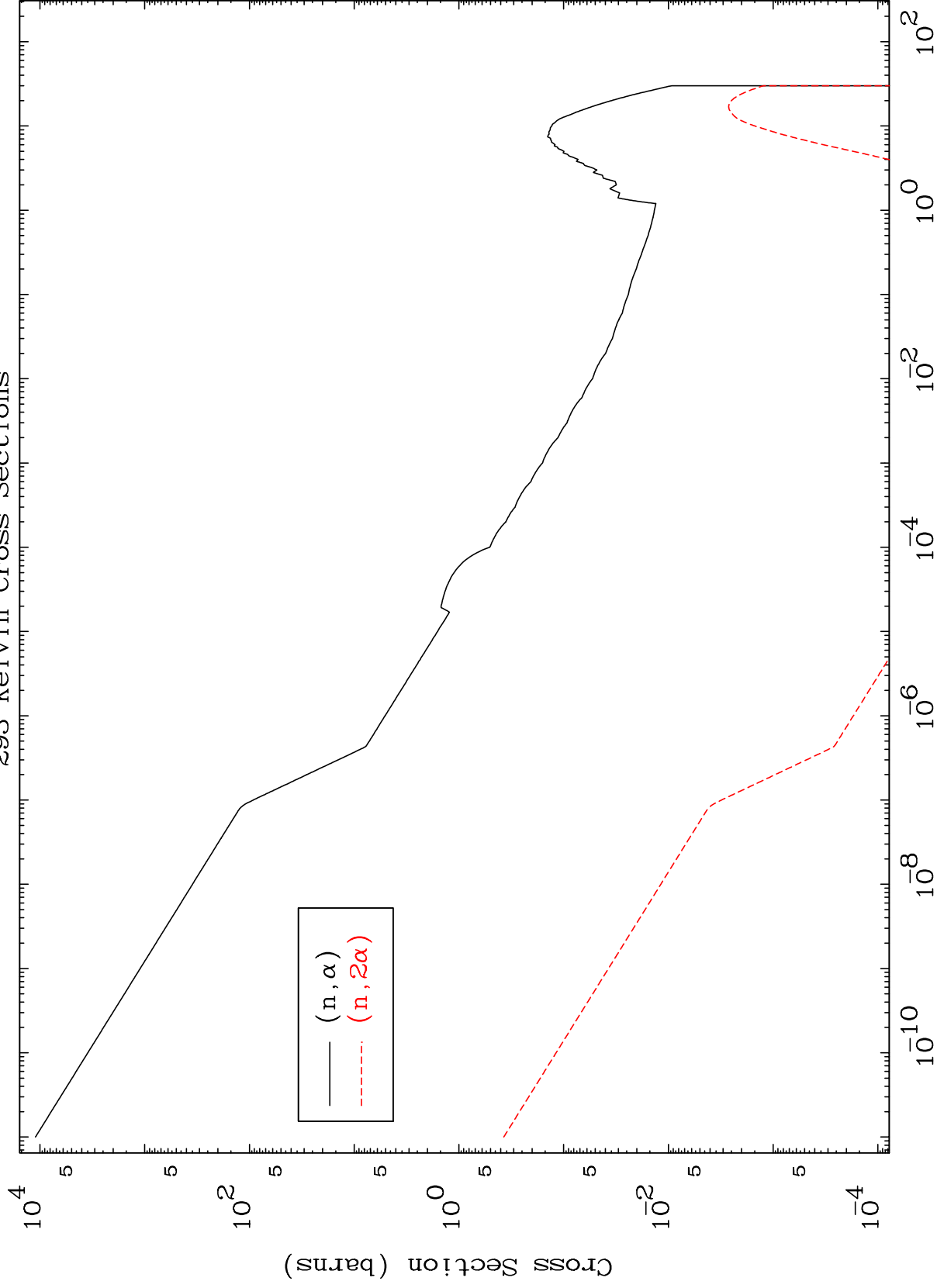
56-Ba-117



MAT 5586

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-117



Incident Energy (MeV)

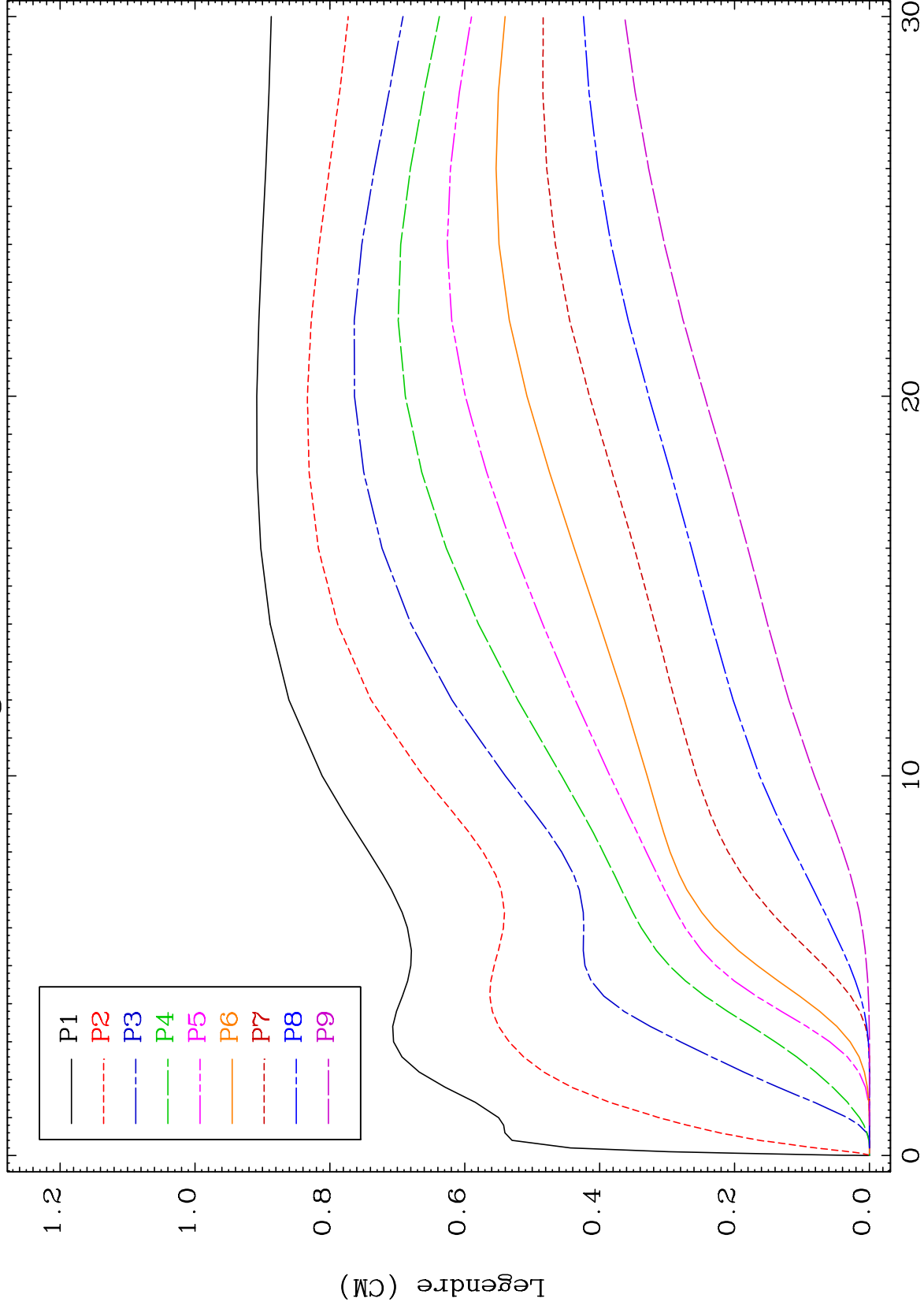
56-Ba-117

18

MAT 5586

Elastic Legendre Coefficients

56-Ba-117



19

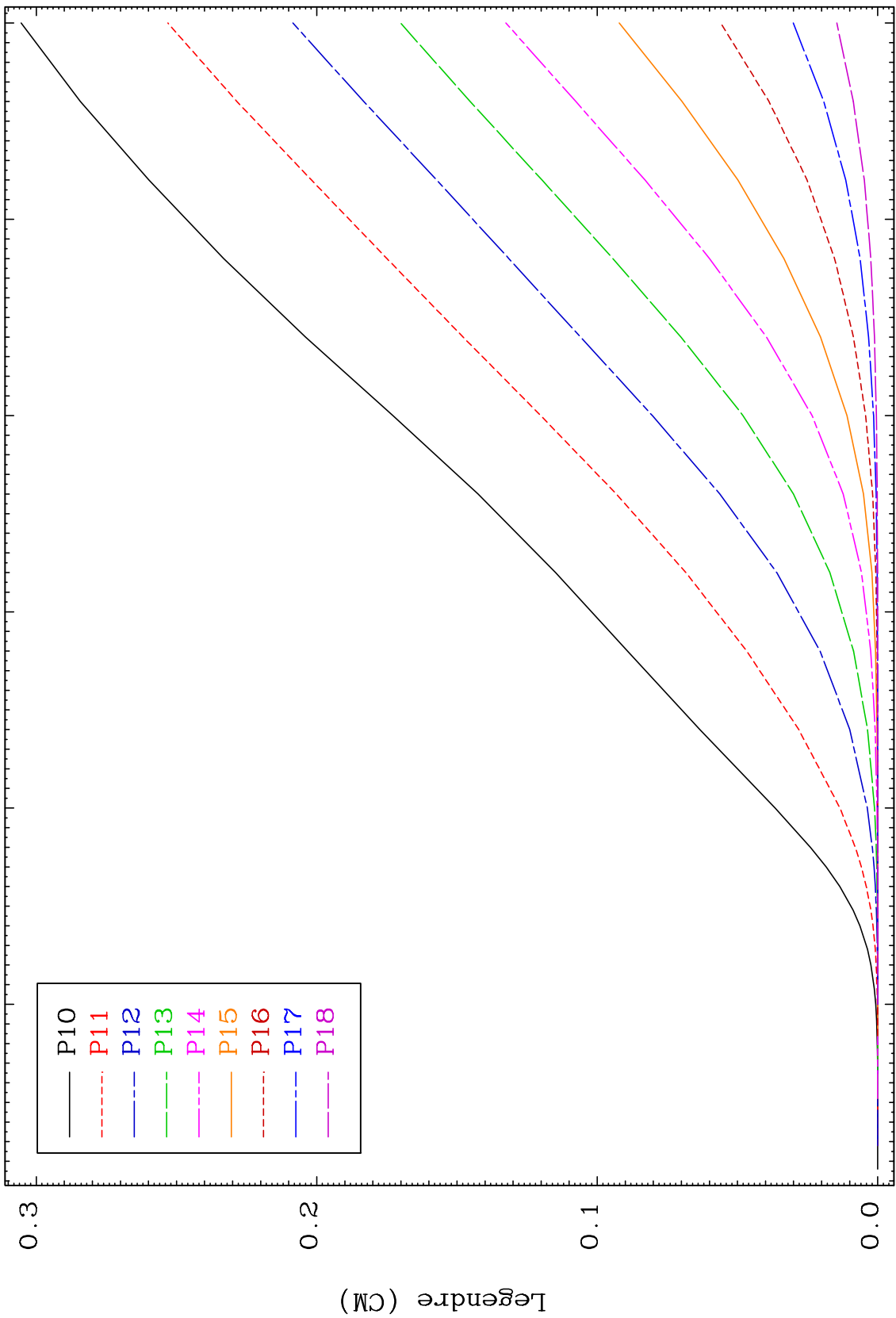
Incident Energy (MeV)

56-Ba-117

MAT 5586

Elastic Legendre Coefficients

56-Ba-117



20

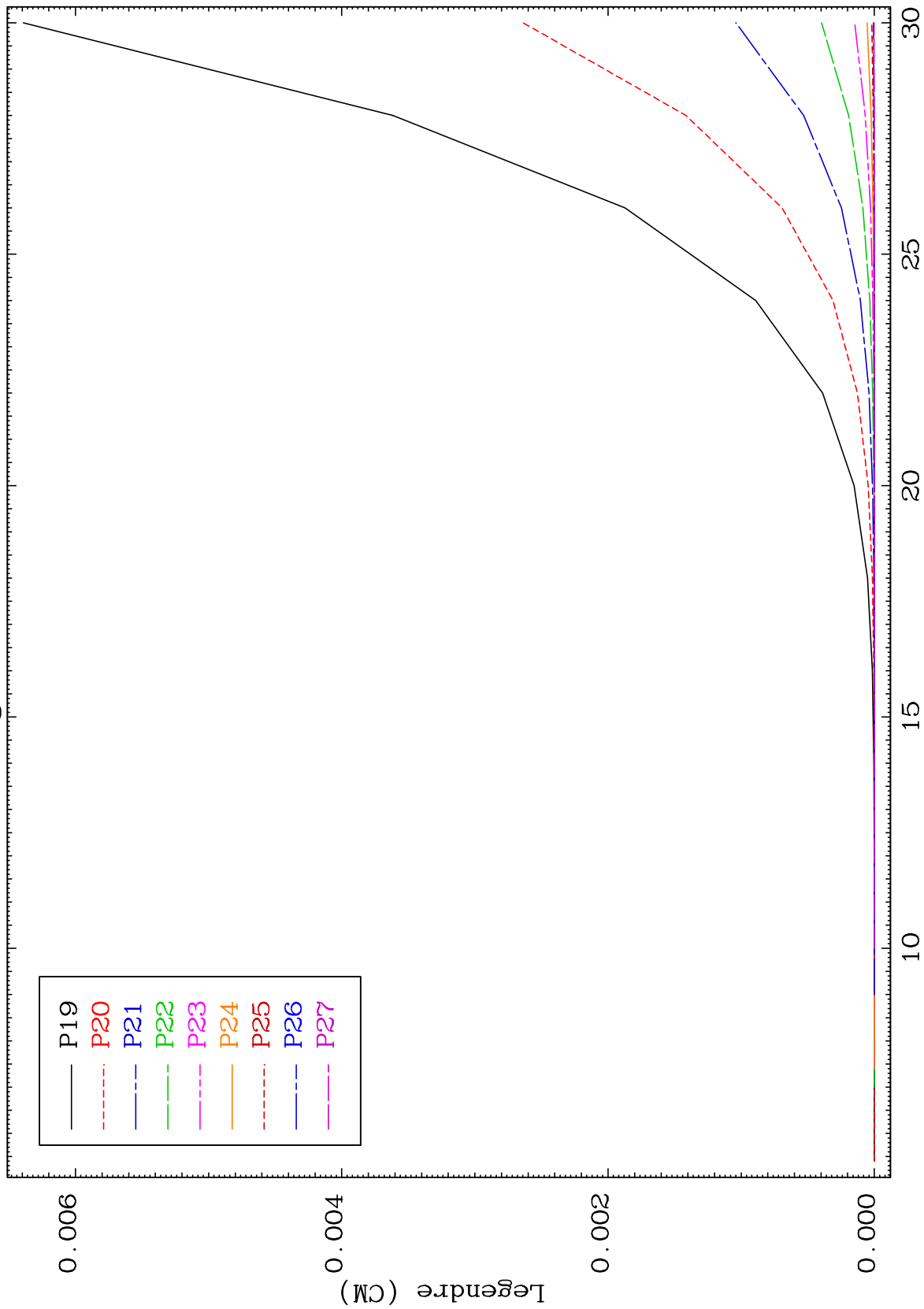
Incident Energy (MeV)

56-Ba-117

MAT 5586

Elastic Legendre Coefficients

56-Ba-117



21

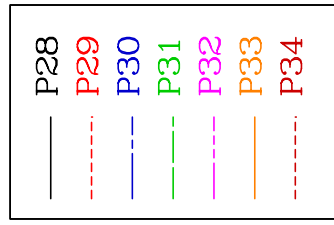
56-Ba-117

Incident Energy (MeV)

MAT 5586

Elastic Legendre Coefficients

56-Ba-117

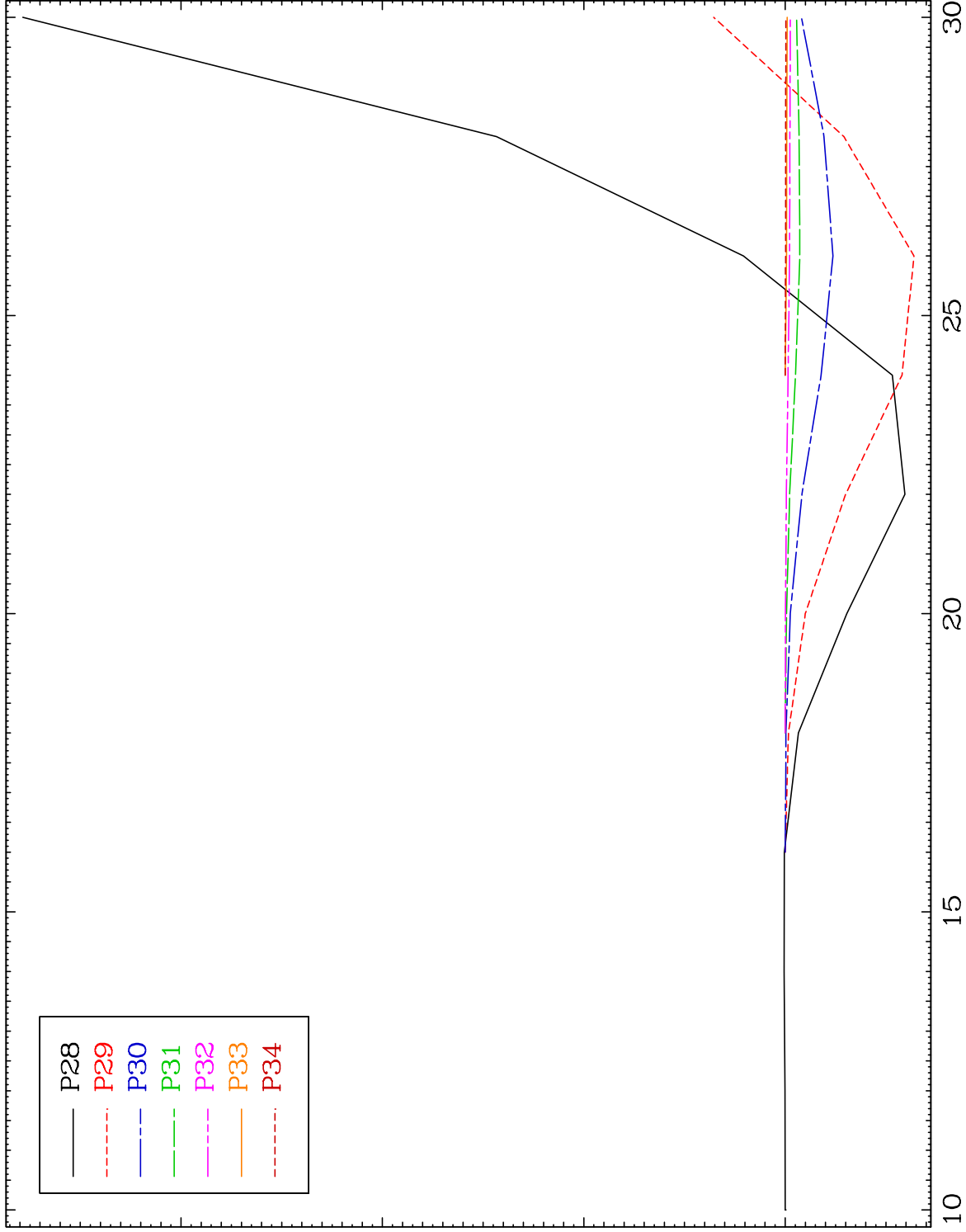


$\times 10^{-7}$

Legendre (CM)

Incident Energy (MeV)

56-Ba-117



22

15

20

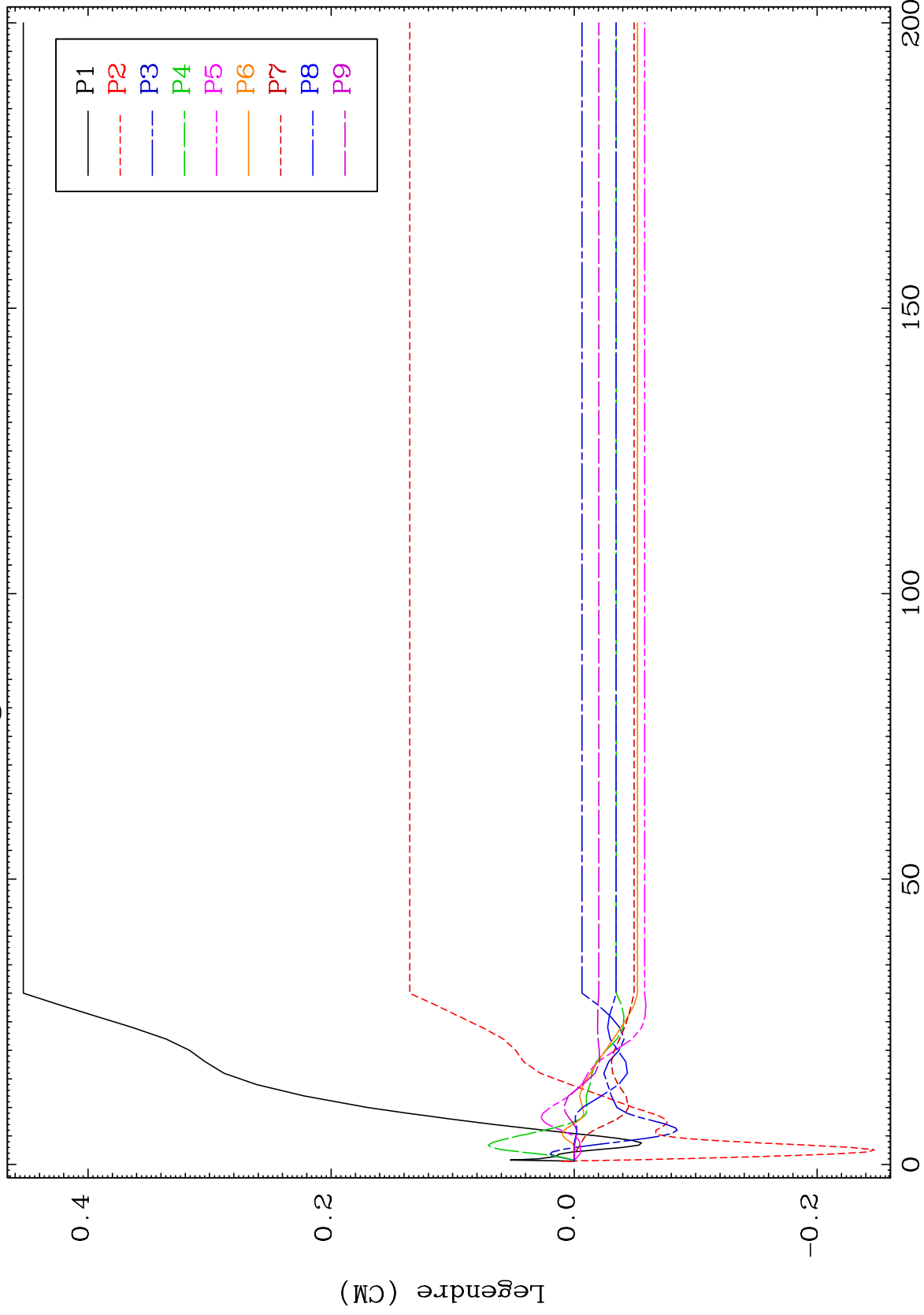
25

30

MAT 5586

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

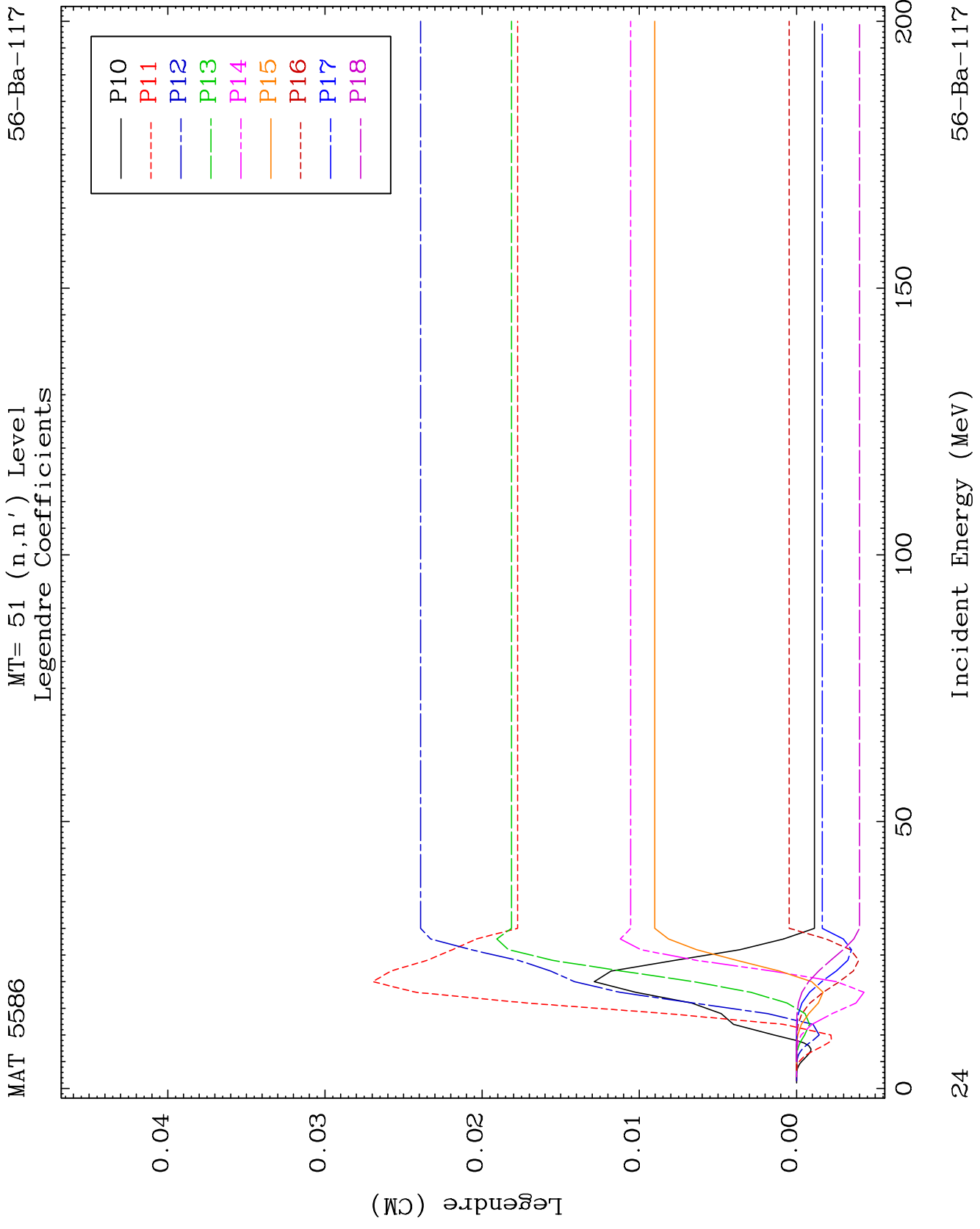
56-Ba-117



23

Incident Energy (MeV)

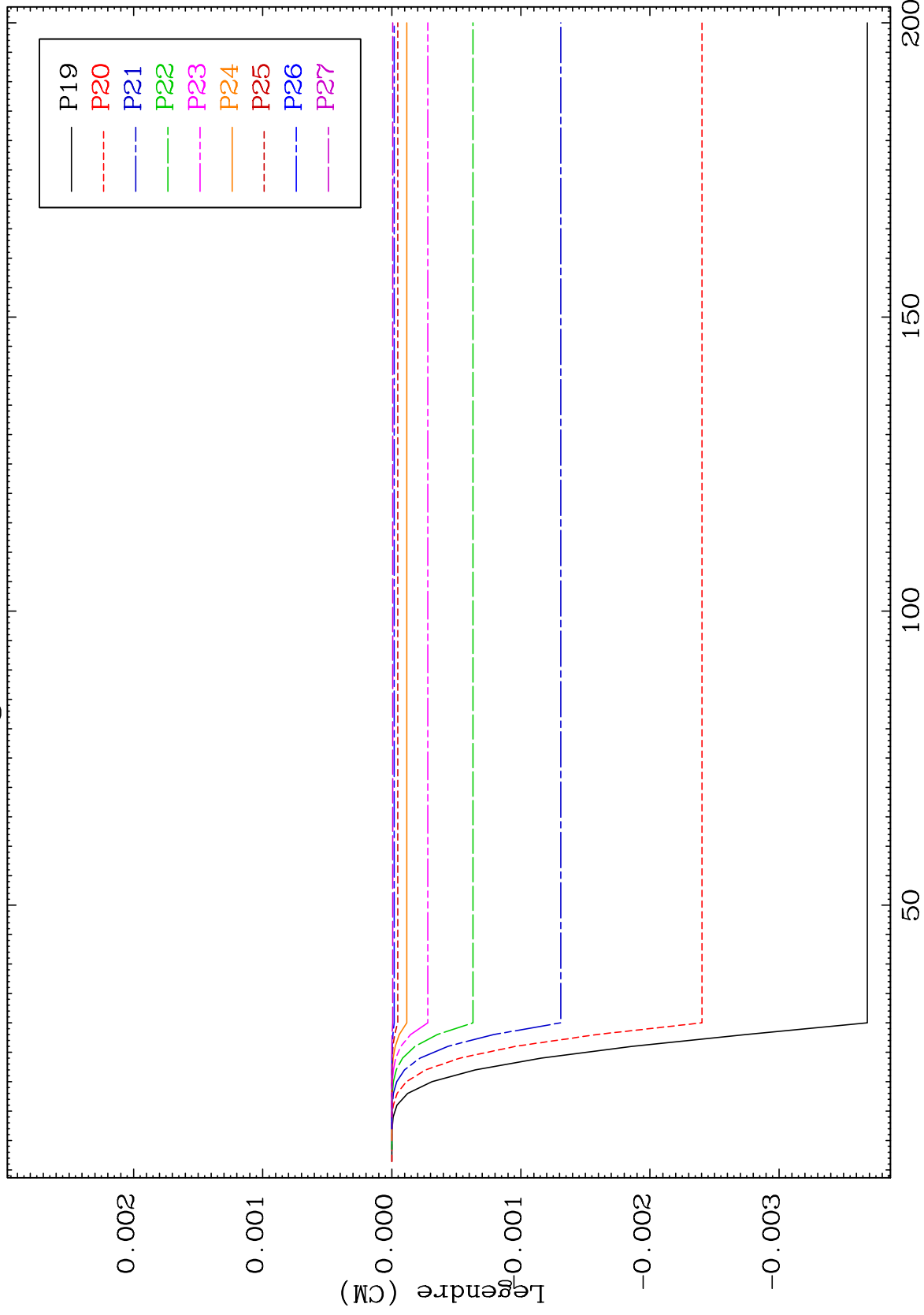
56-Ba-117



MAT 5586

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

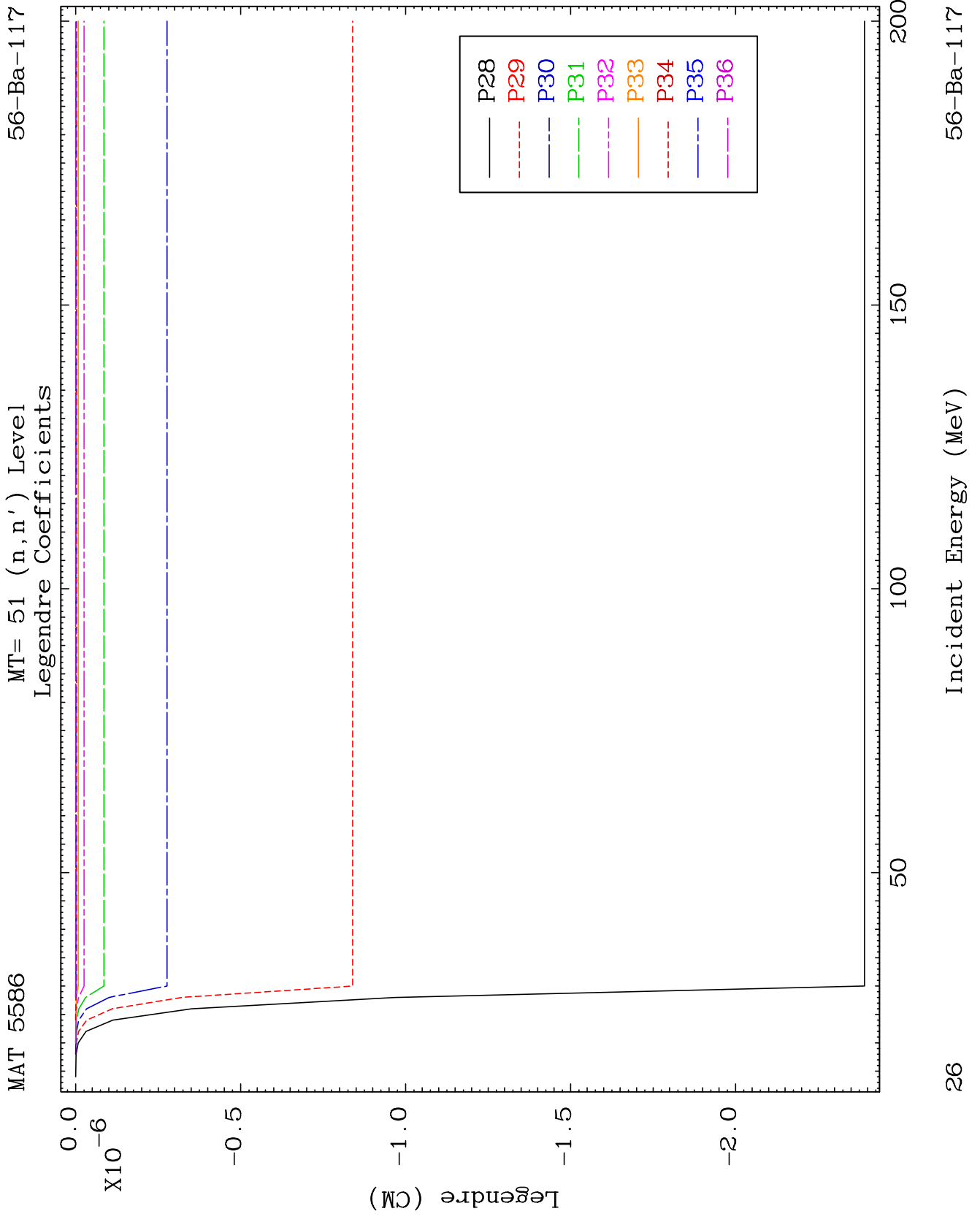
56-Ba-117



25

Incident Energy (MeV)

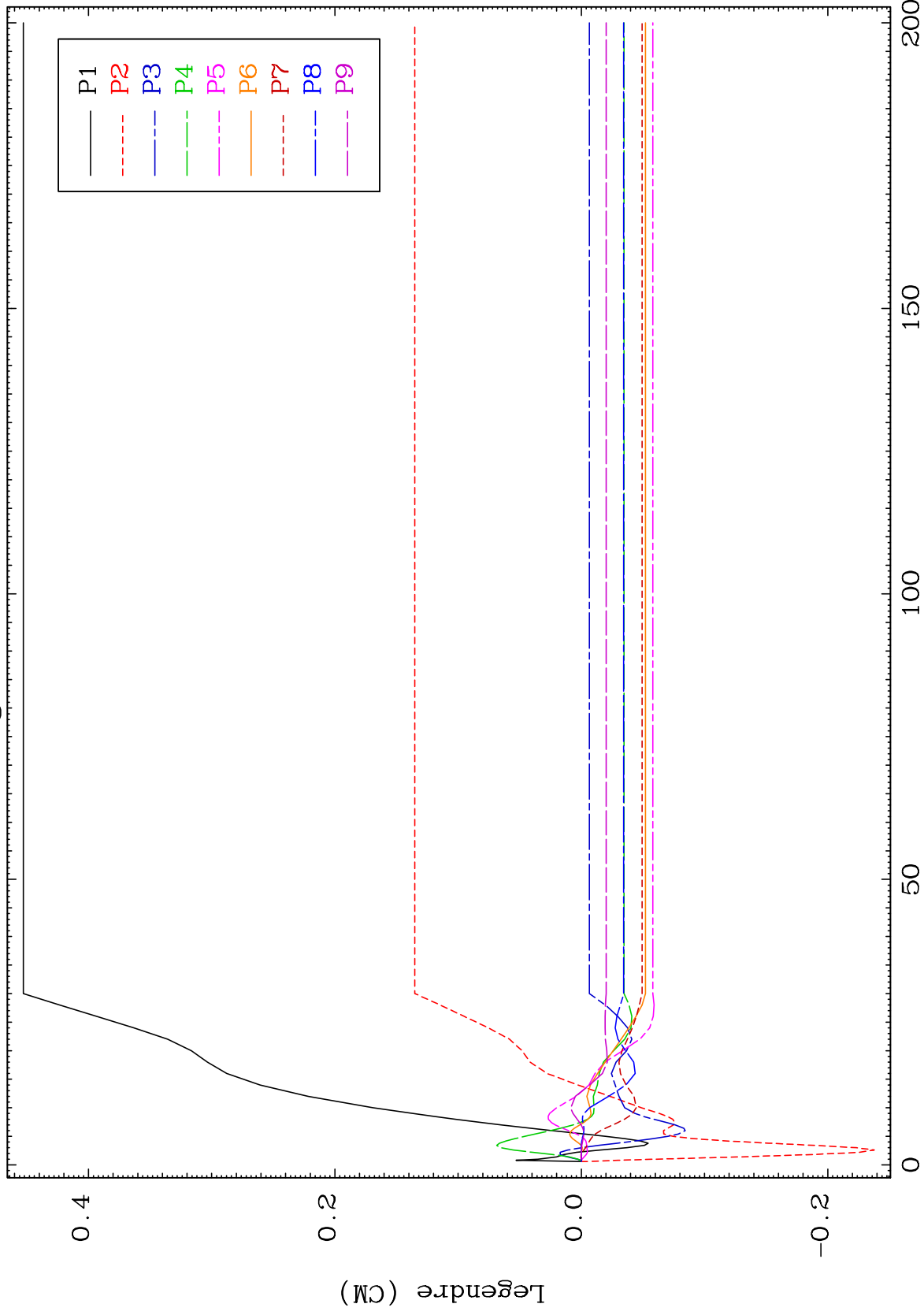
56-Ba-117



MAT 5586

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

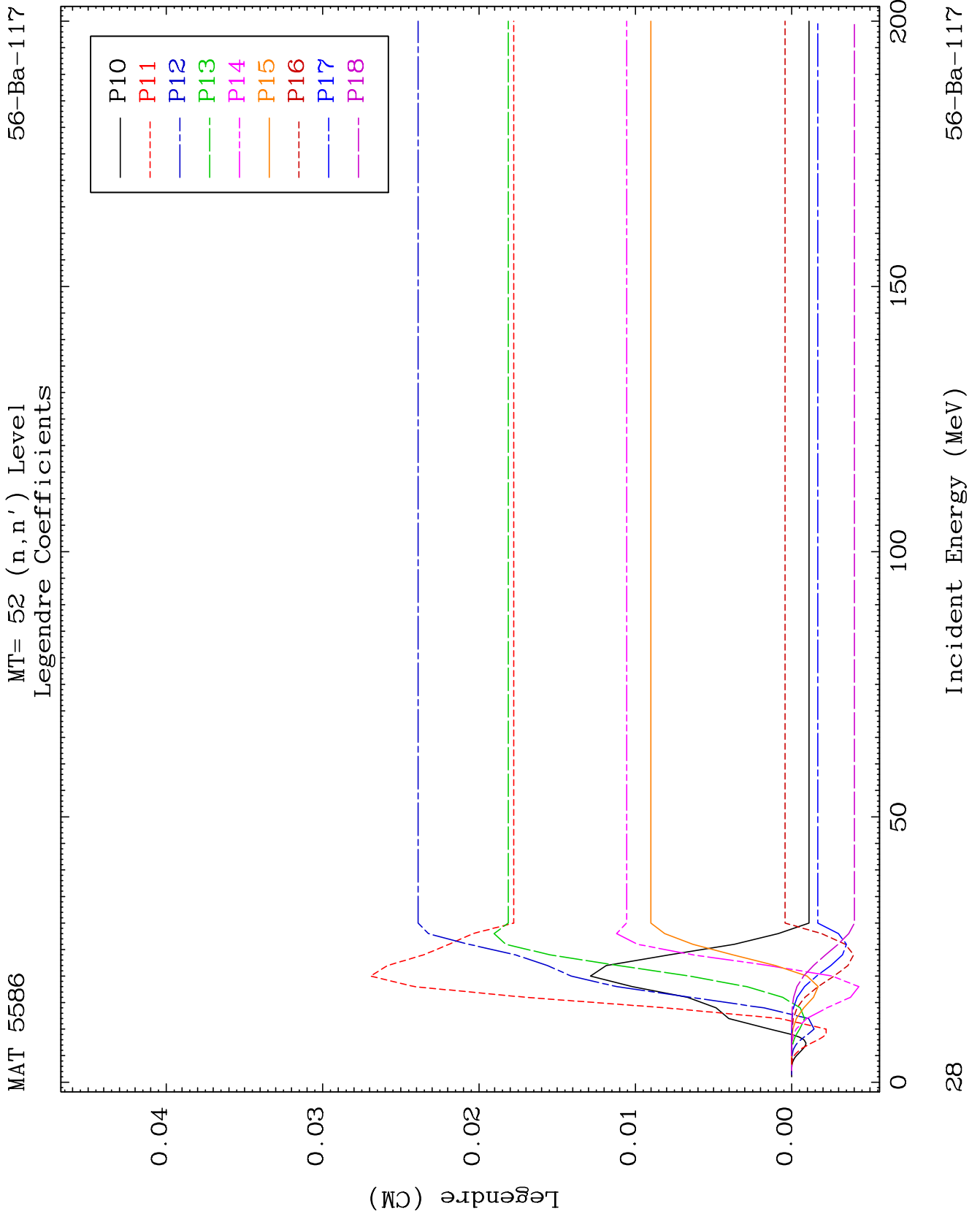
56-Ba-117



27

Incident Energy (MeV)

56-Ba-117



56-Ba-117

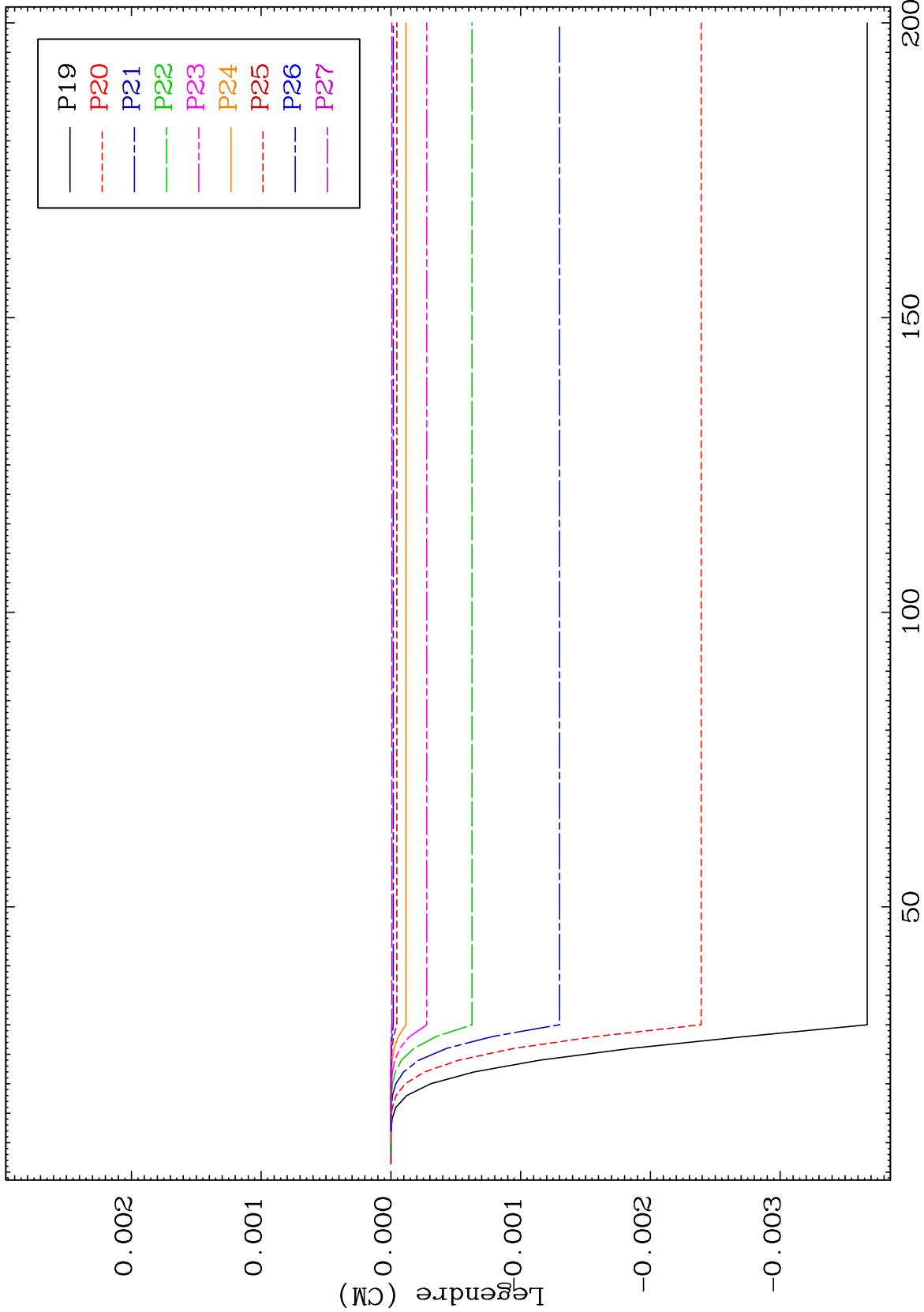
Incident Energy (MeV)

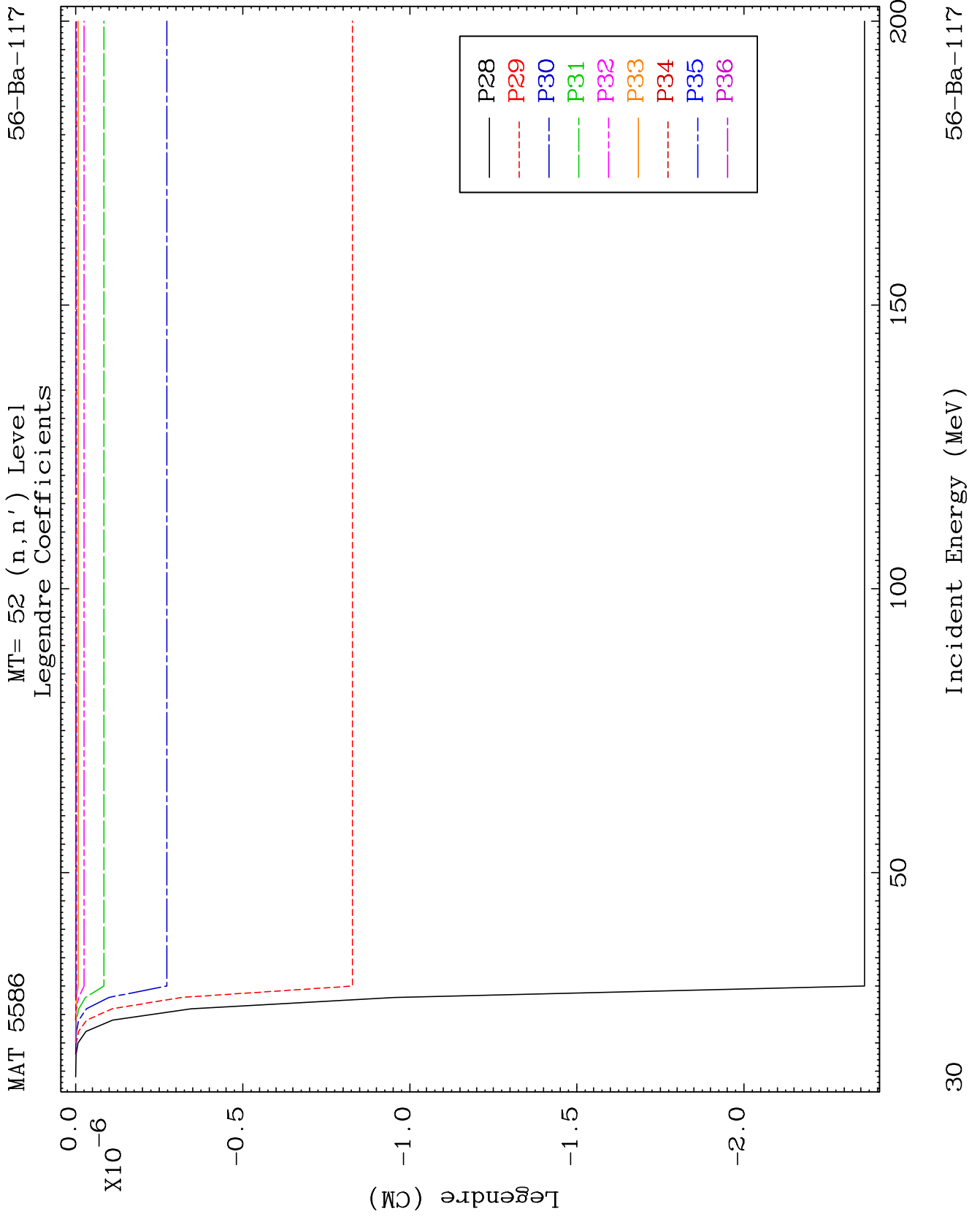
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MAT 5586

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

56-Ba-117

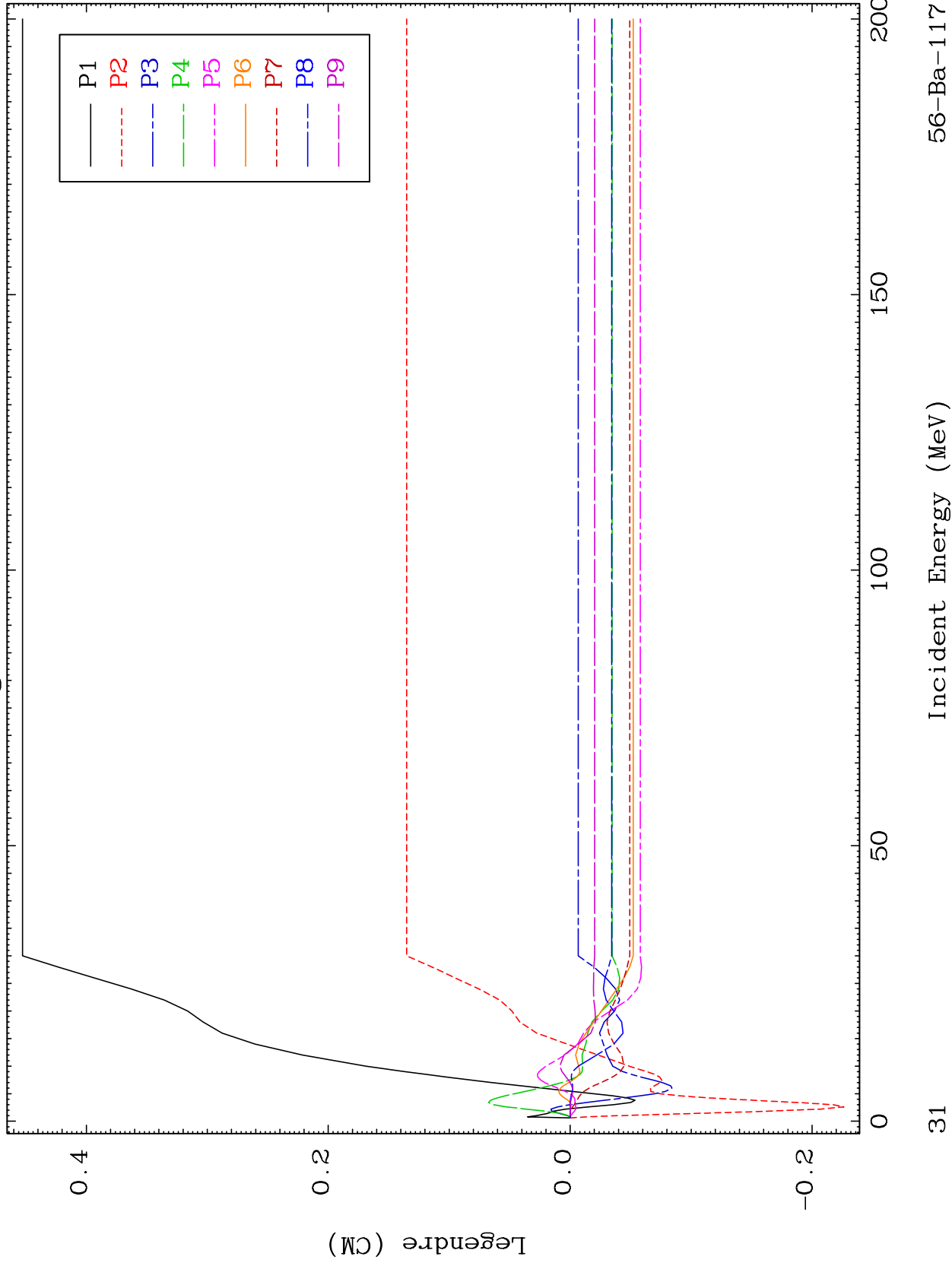




MAT 5586

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

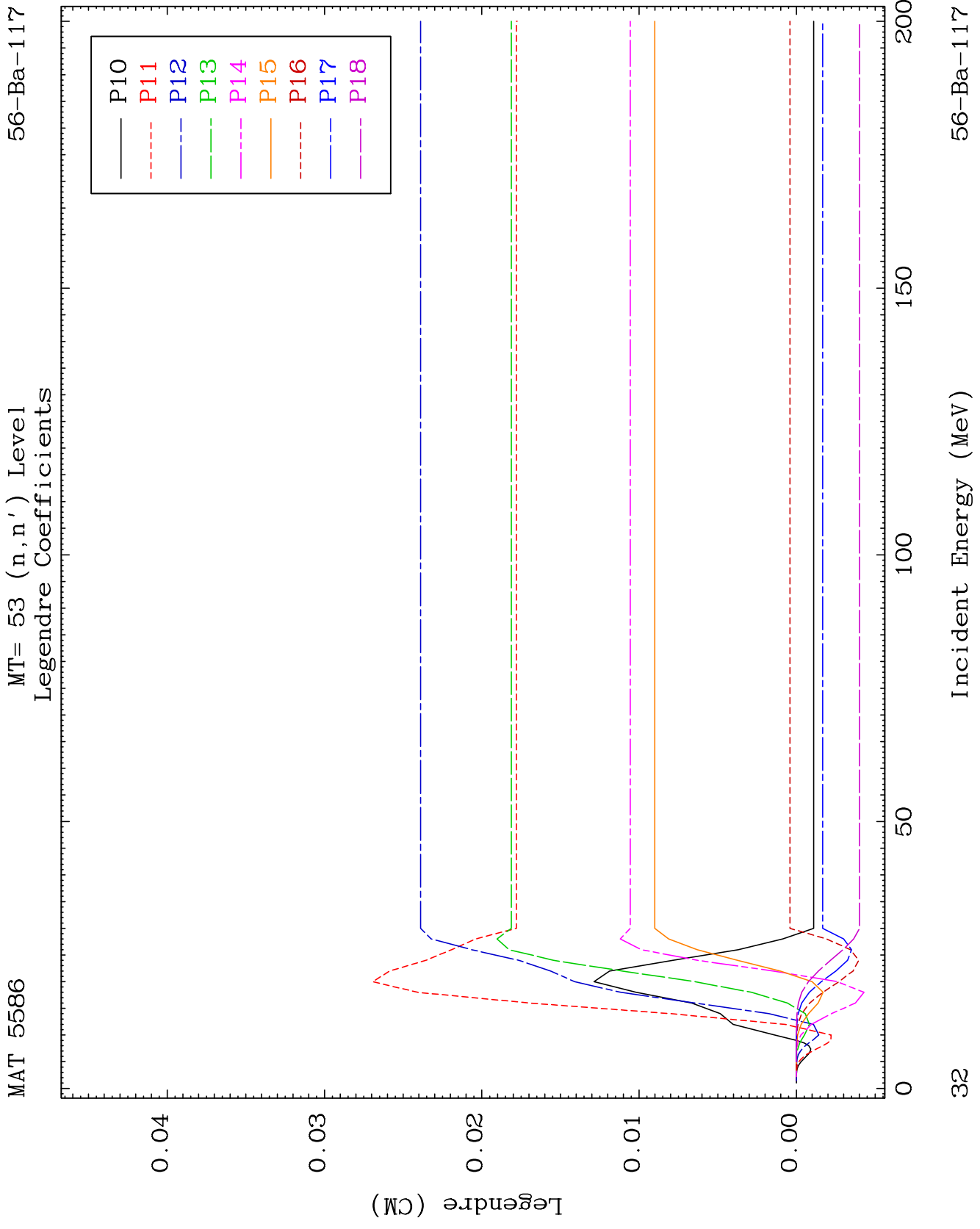
56-Ba-117



56-Ba-117

Incident Energy (MeV)

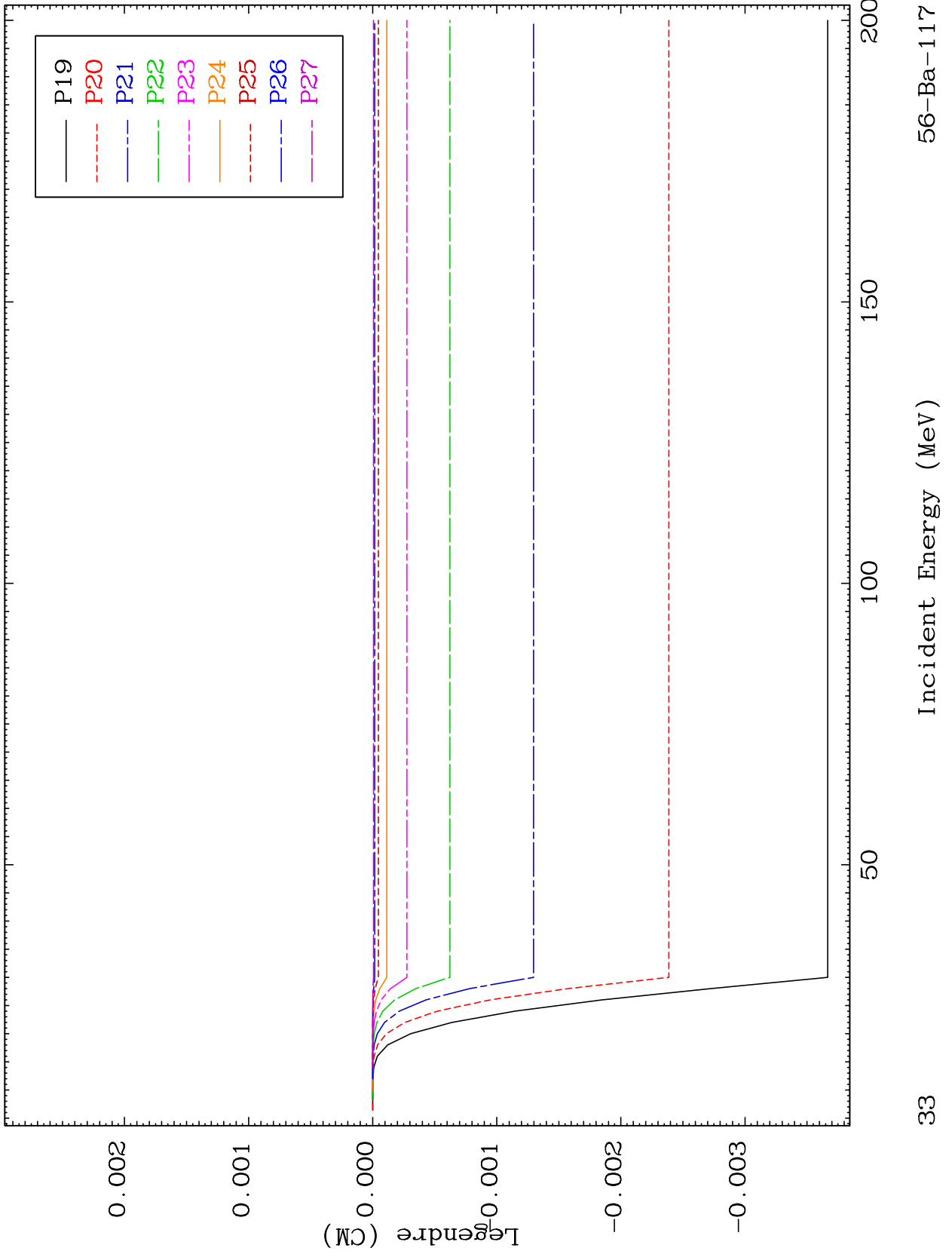
31



MAT 5586

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

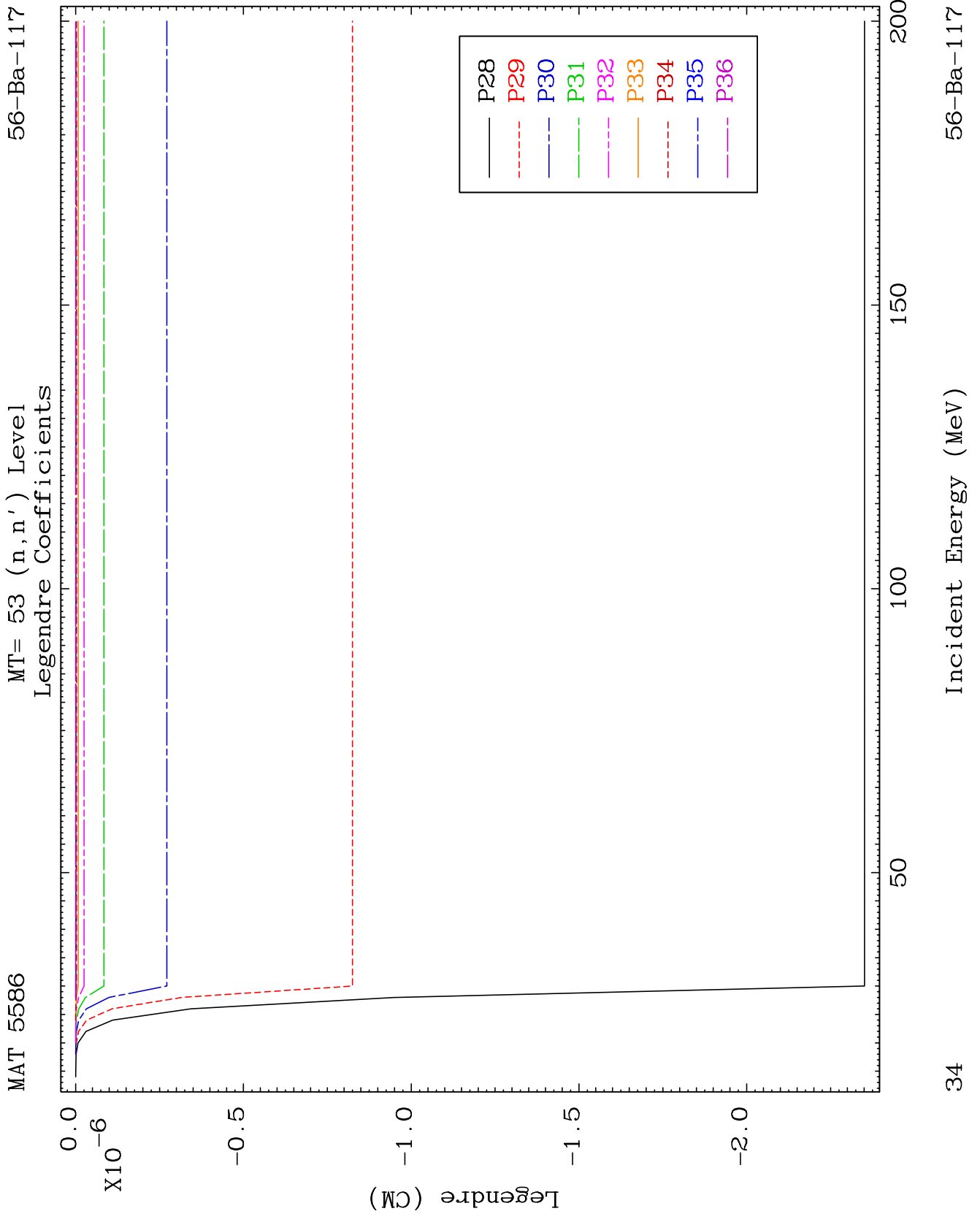
56-Ba-117



33

Incident Energy (MeV)

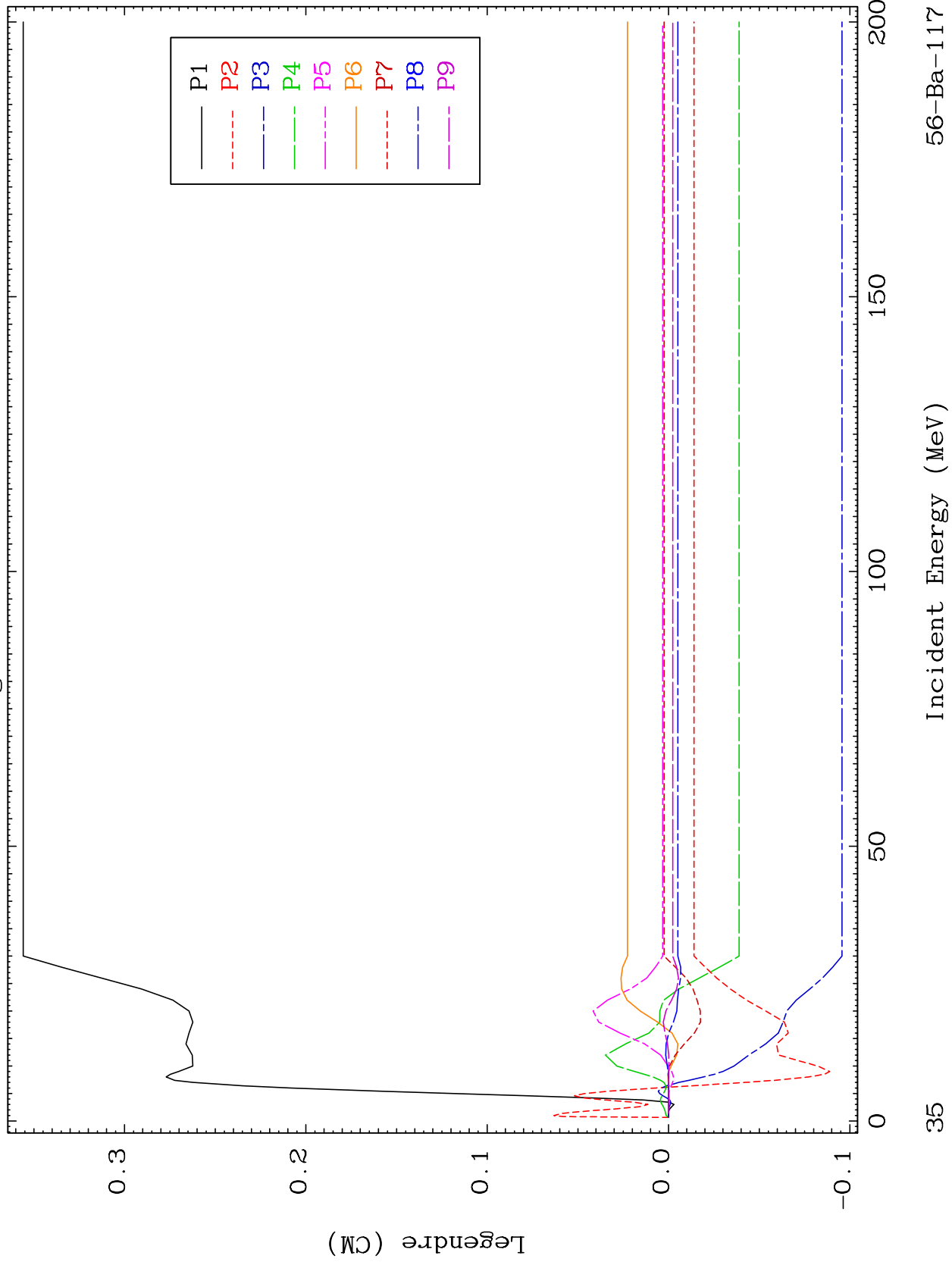
56-Ba-117



MAT 5586

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

56-Ba-117



56-Ba-117

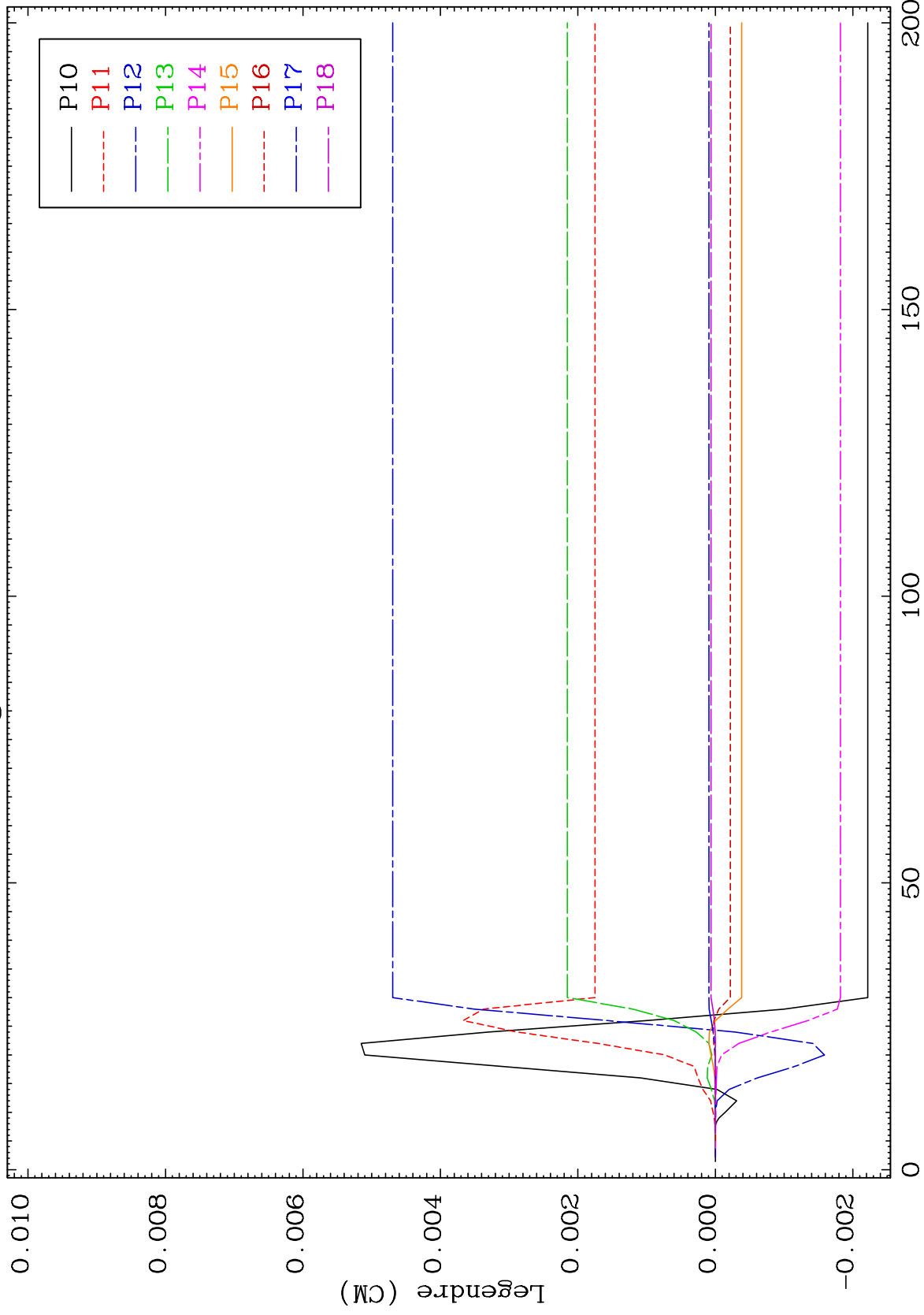
Incident Energy (MeV)

35

MAT 5586

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

56-Ba-117



36

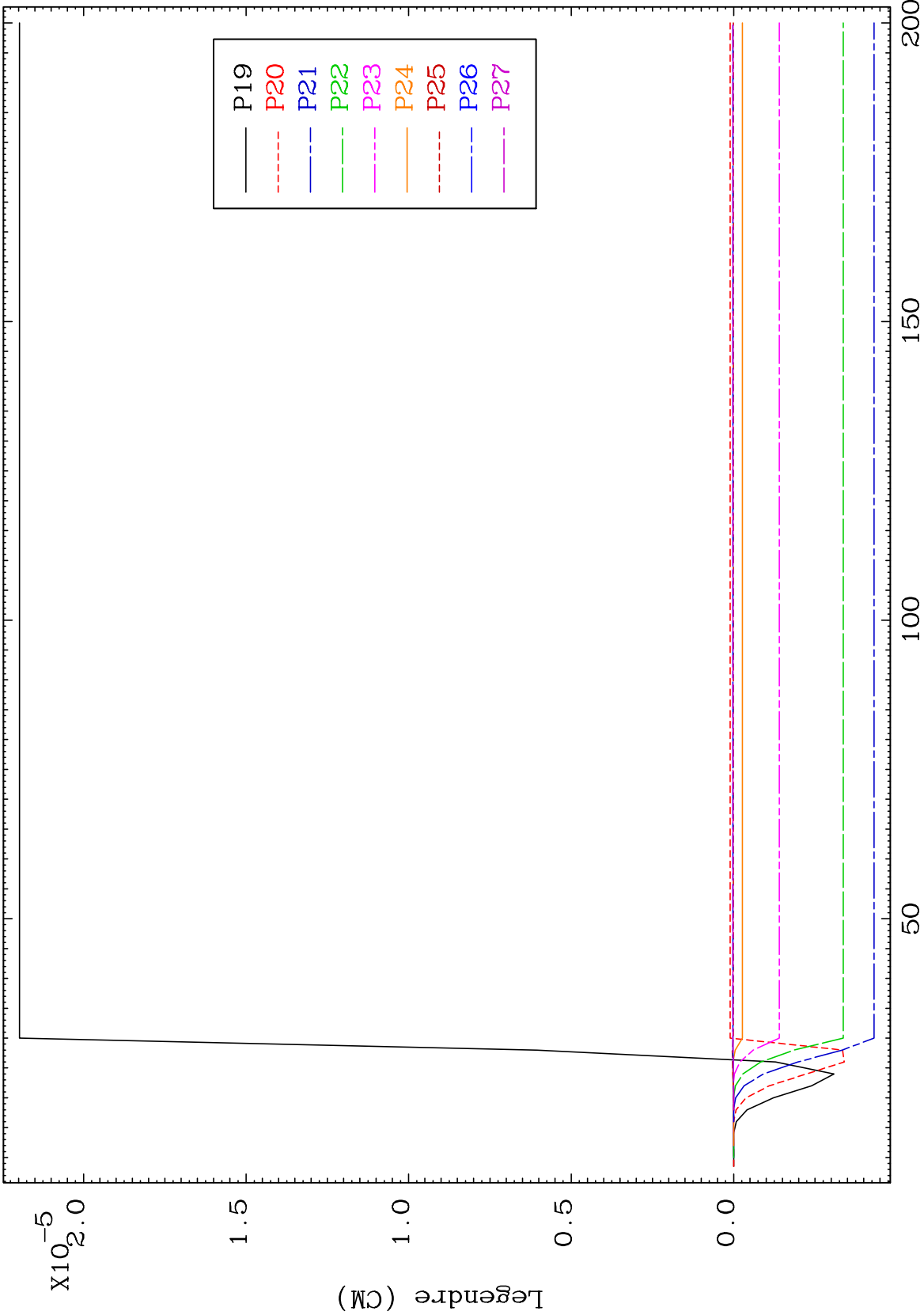
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

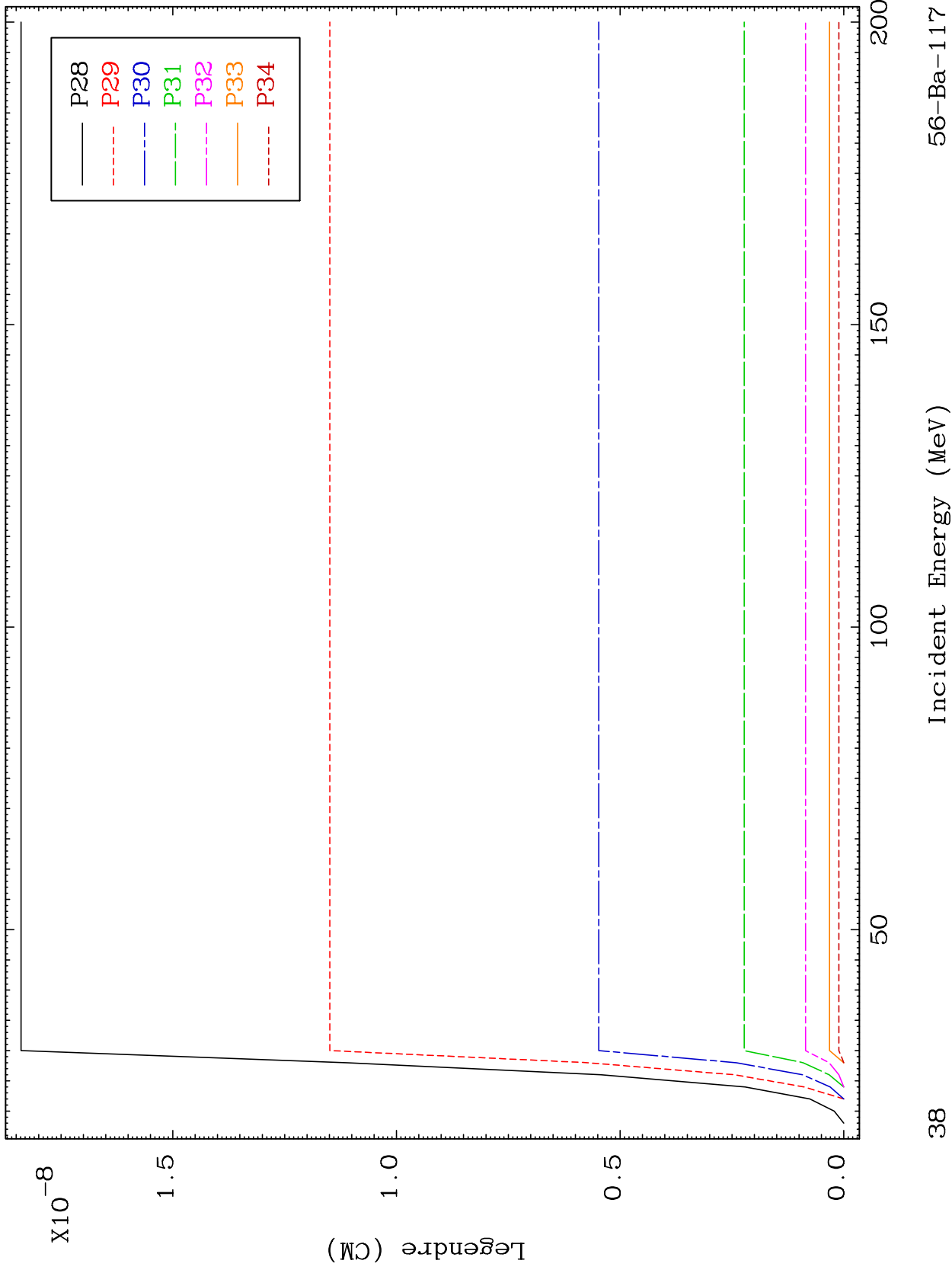
56-Ba-117



MAT 5586

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

56-Ba-117



38

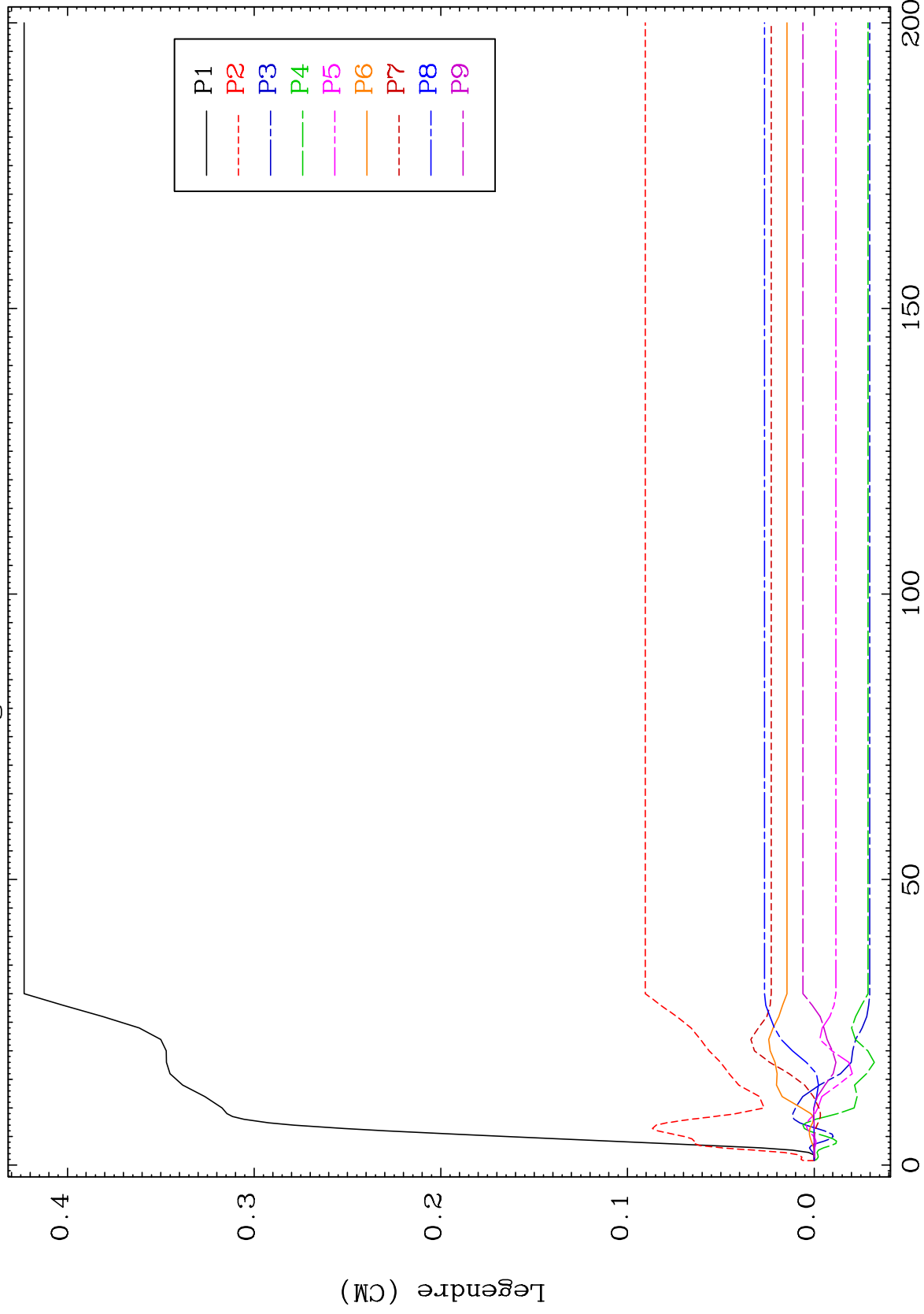
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

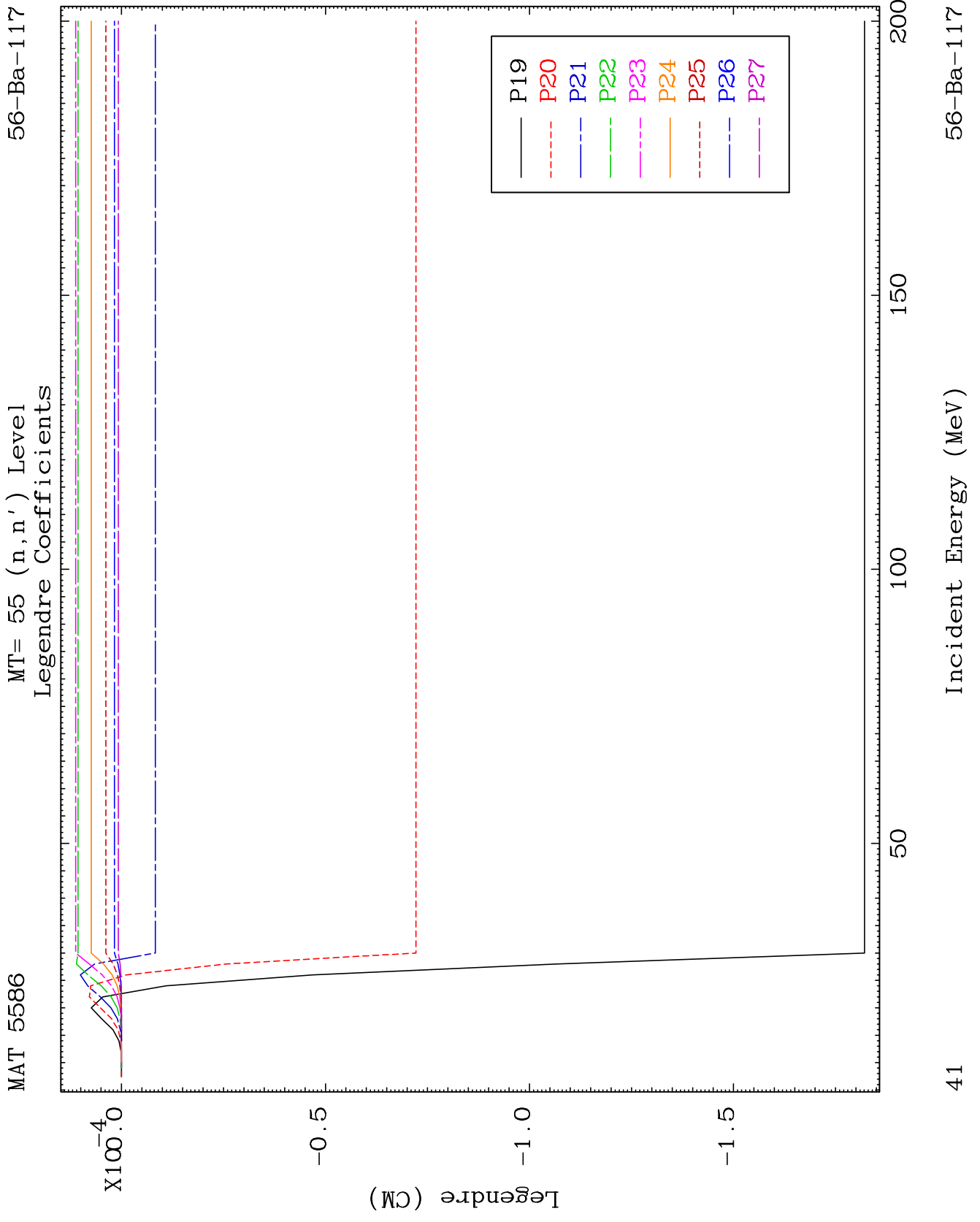
56-Ba-117



39

Incident Energy (MeV)

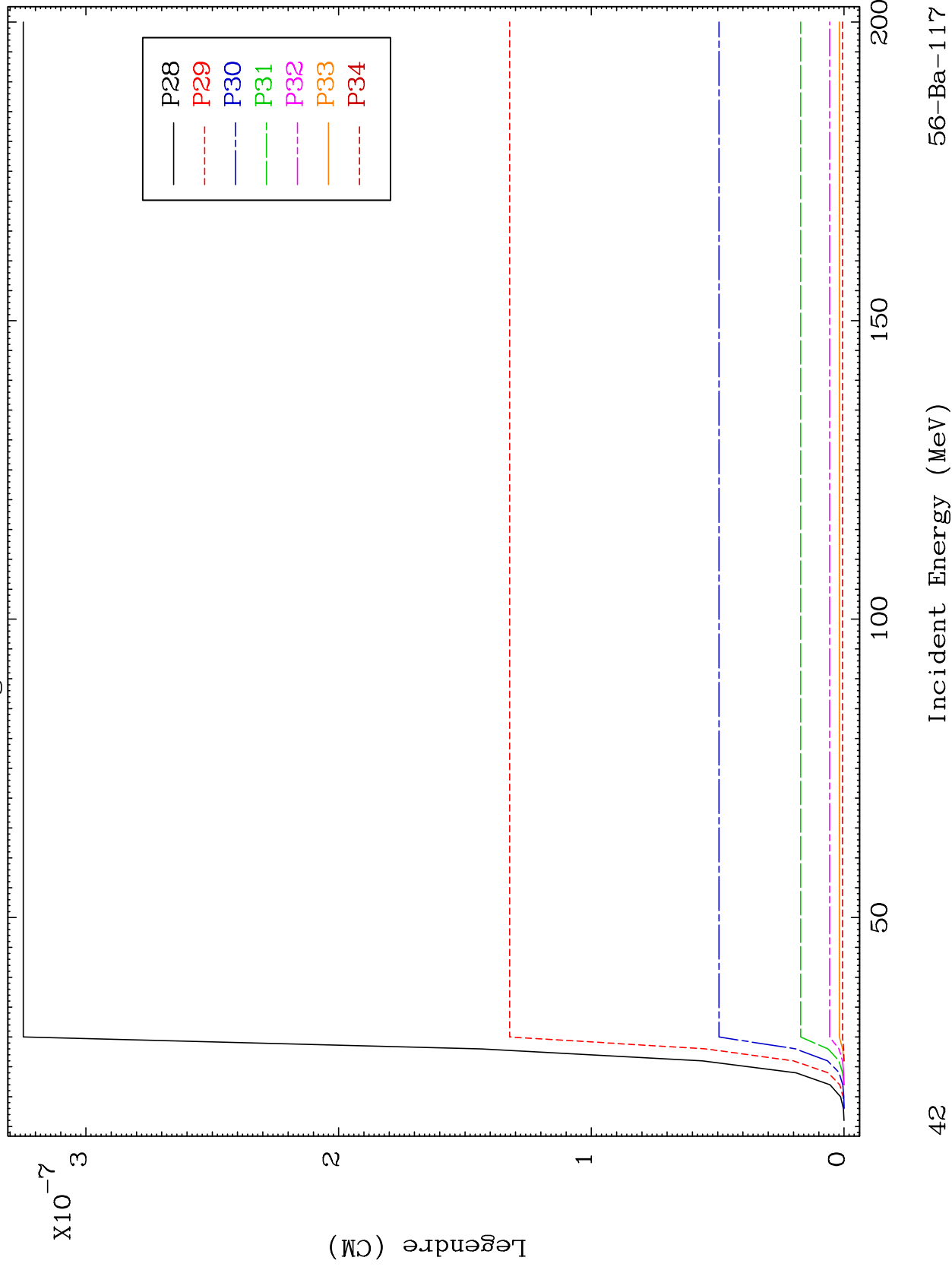
56-Ba-117



MAT 5586

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

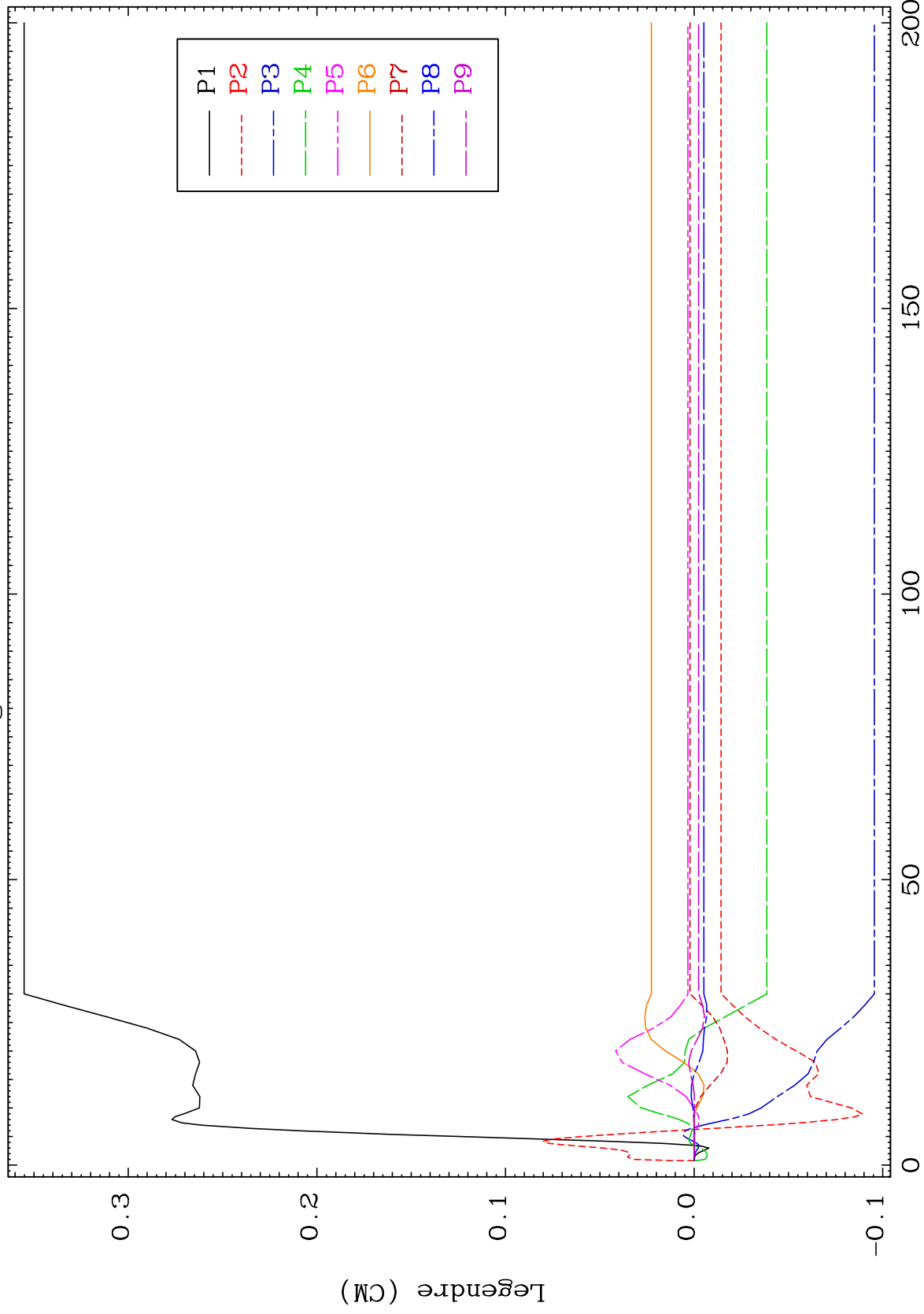
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MAT 5586

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

56-Ba-117



43

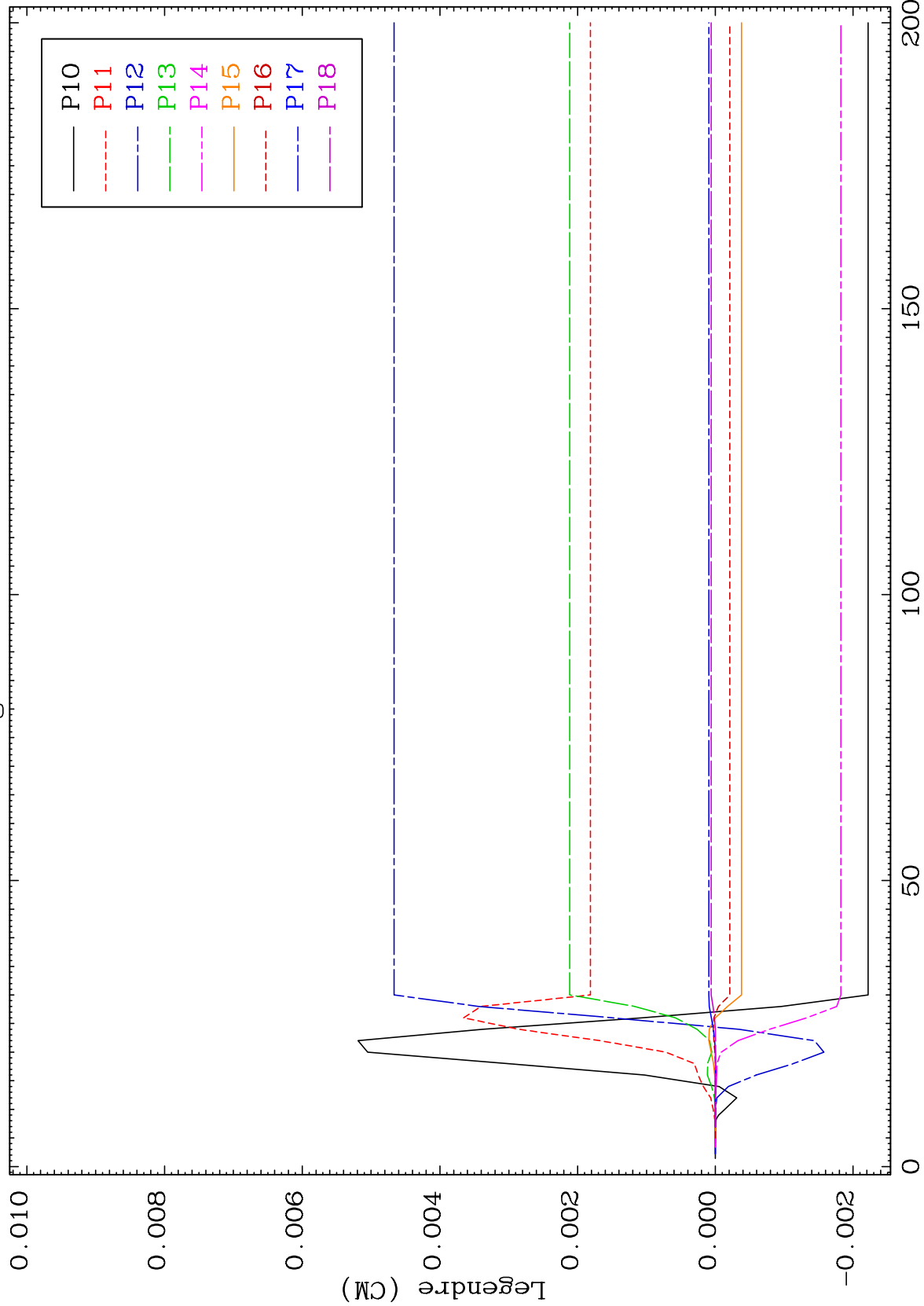
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



44

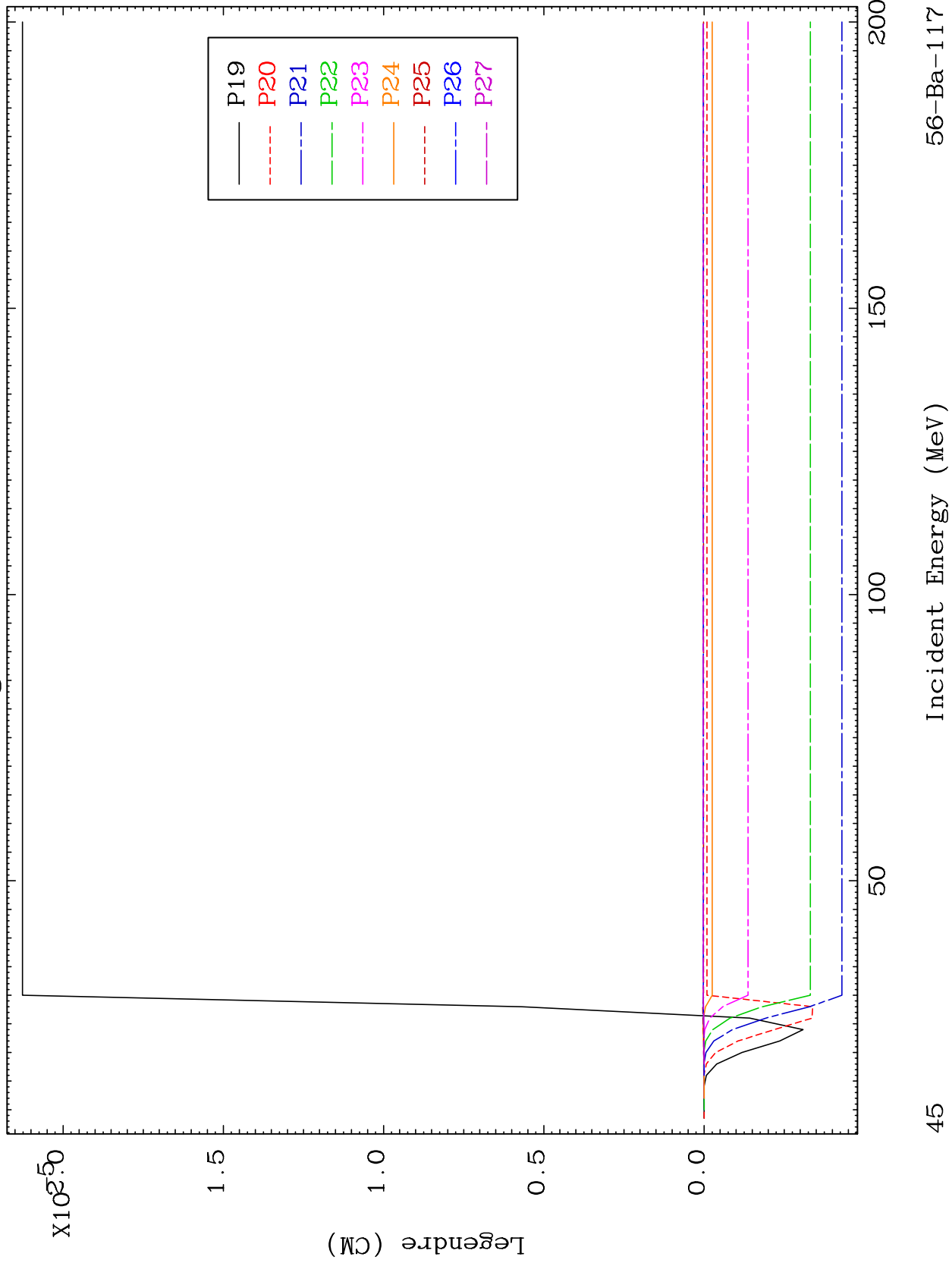
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



56-Ba-117

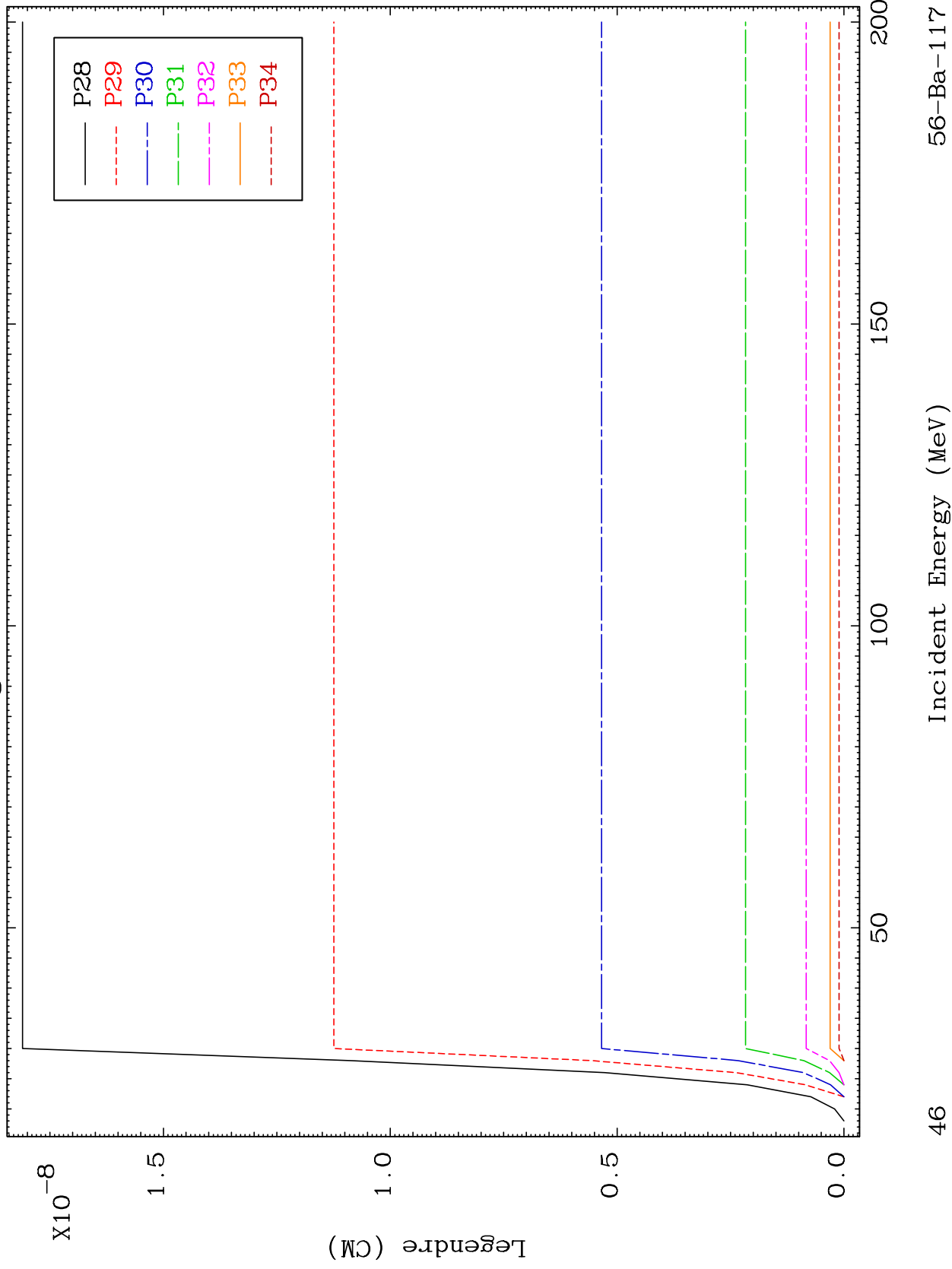
Incident Energy (MeV)

45

MAT 5586

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

56-Ba-117



46

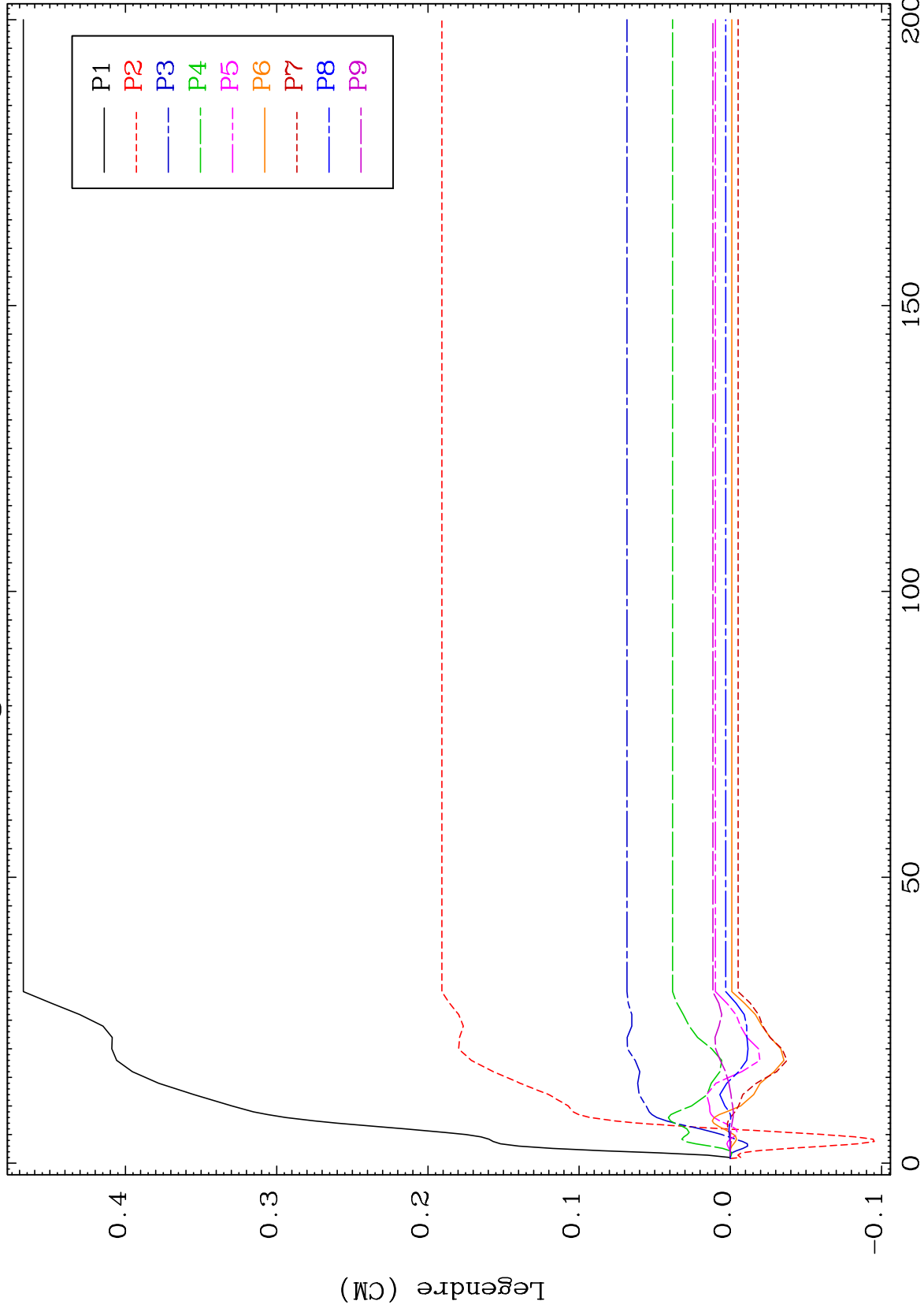
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



47

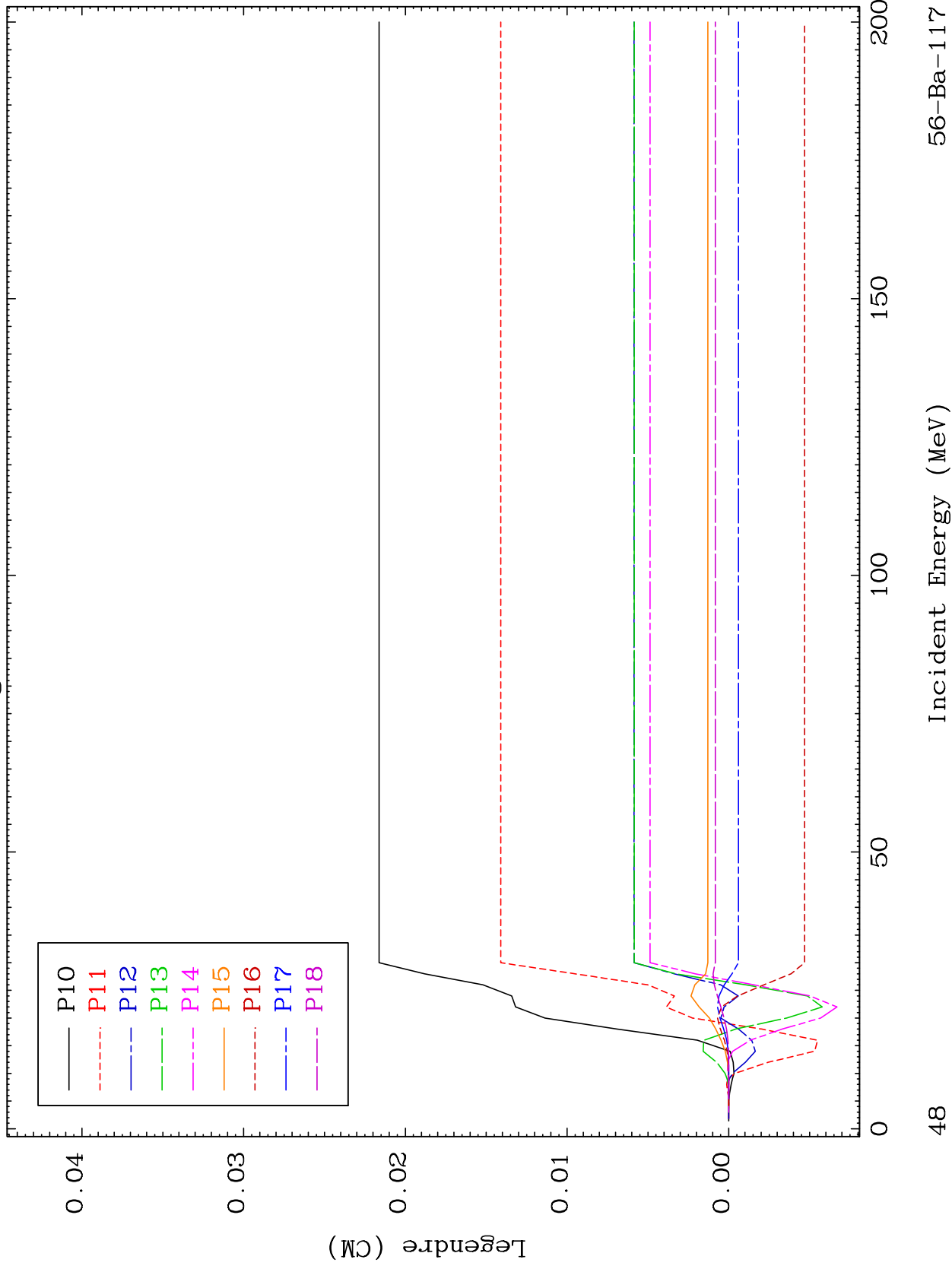
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



56-Ba-117

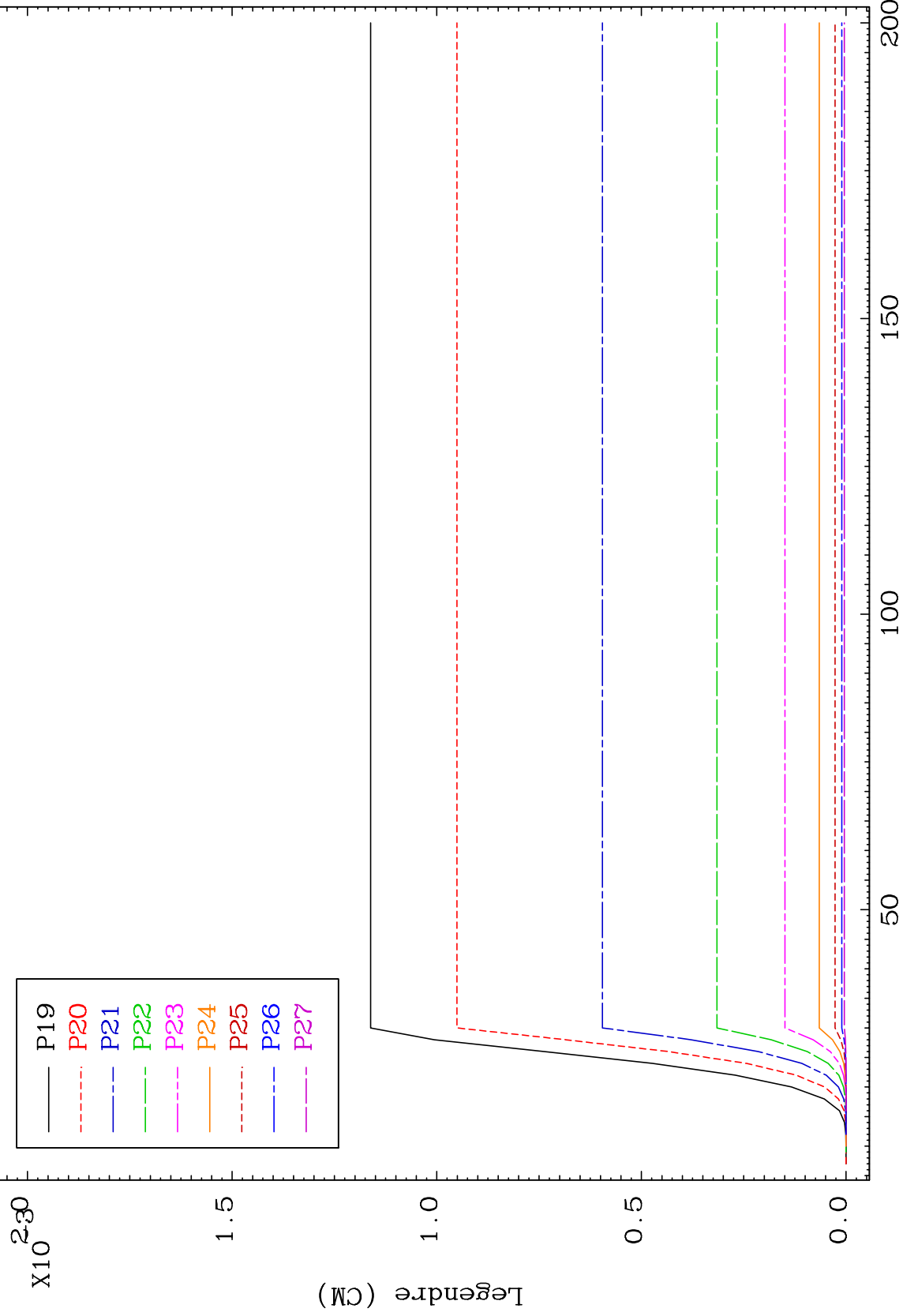
Incident Energy (MeV)

48

MAT 5586

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

56-Ba-117



49

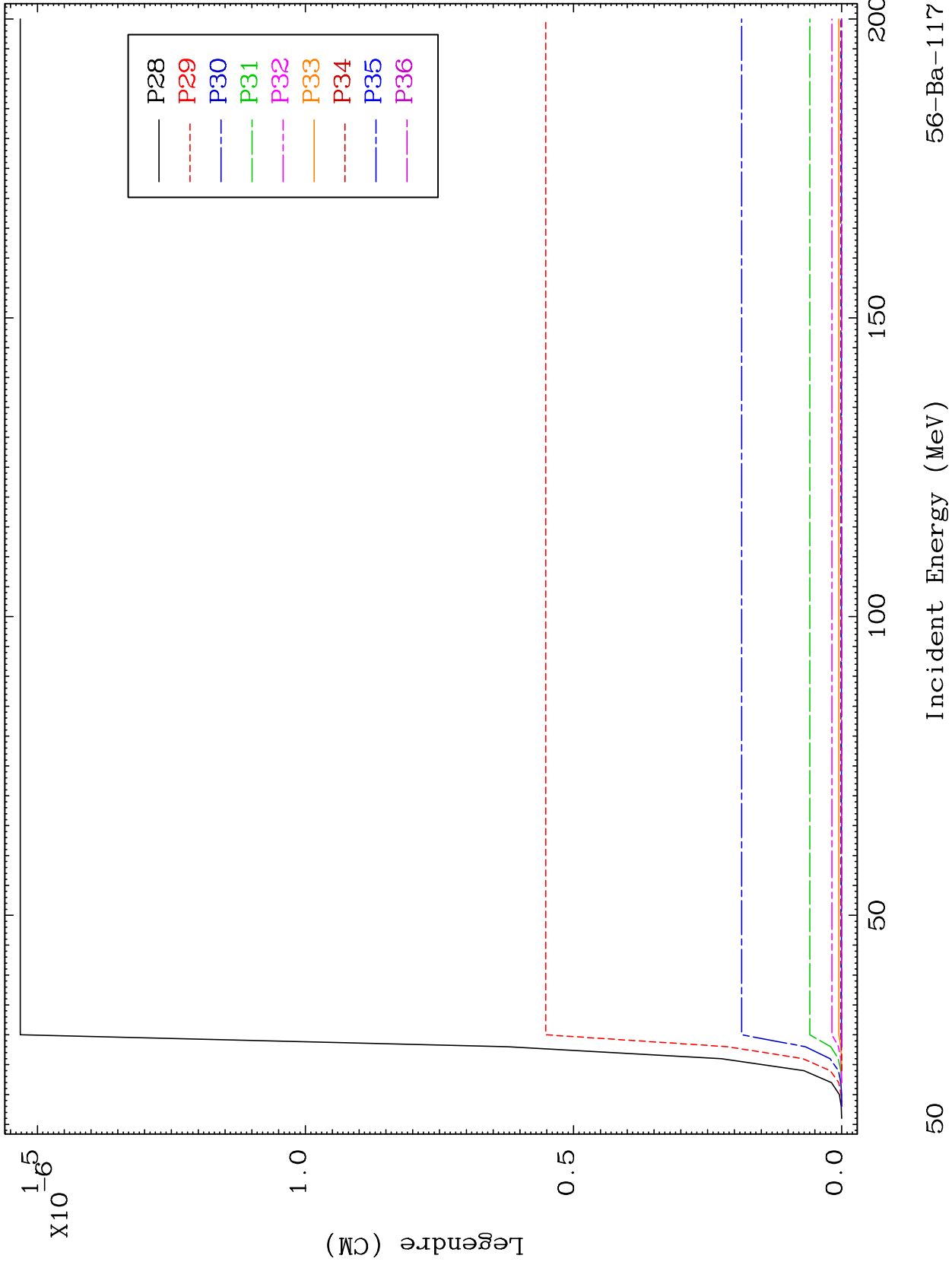
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

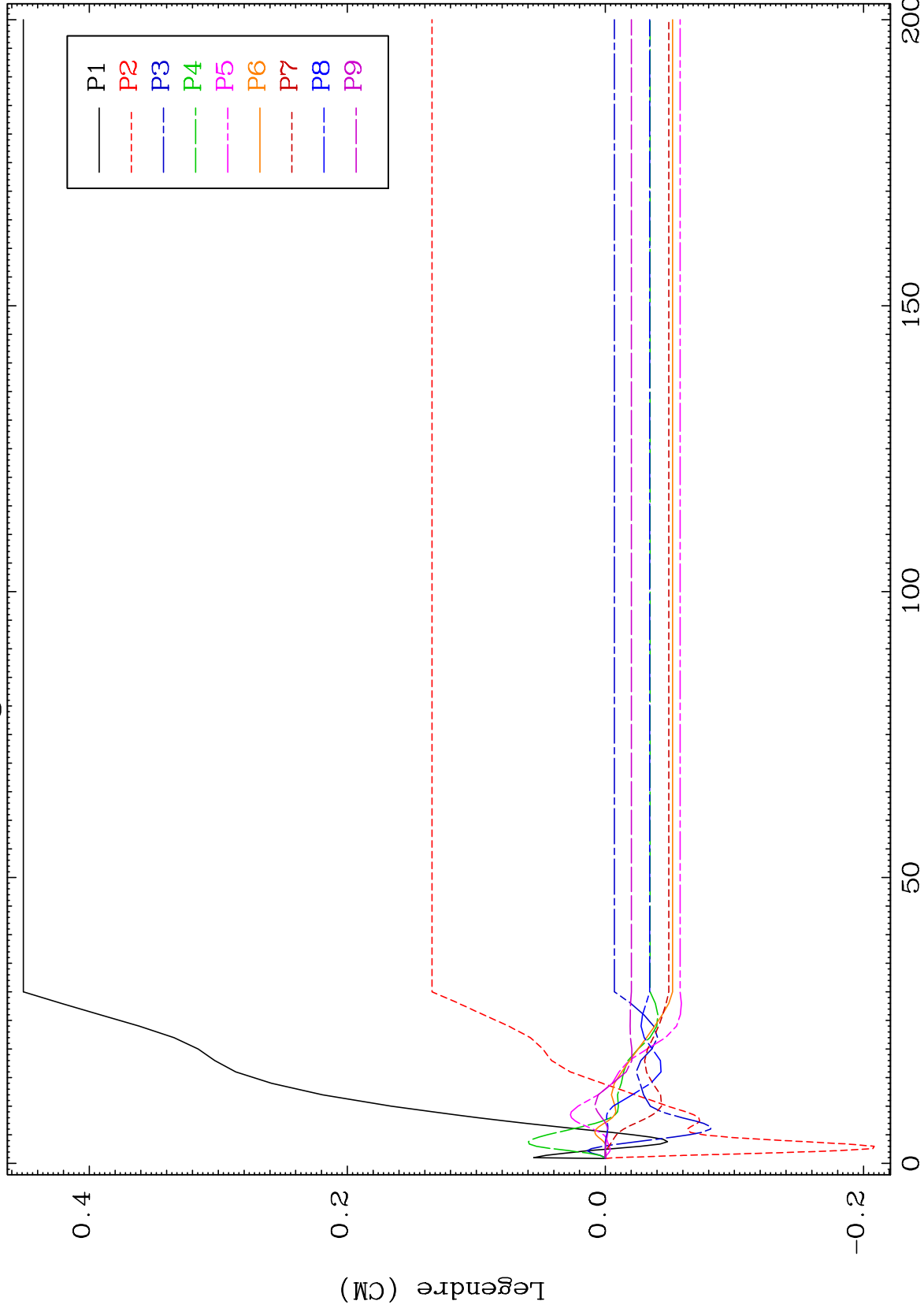
56-Ba-117



MAT 5586

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

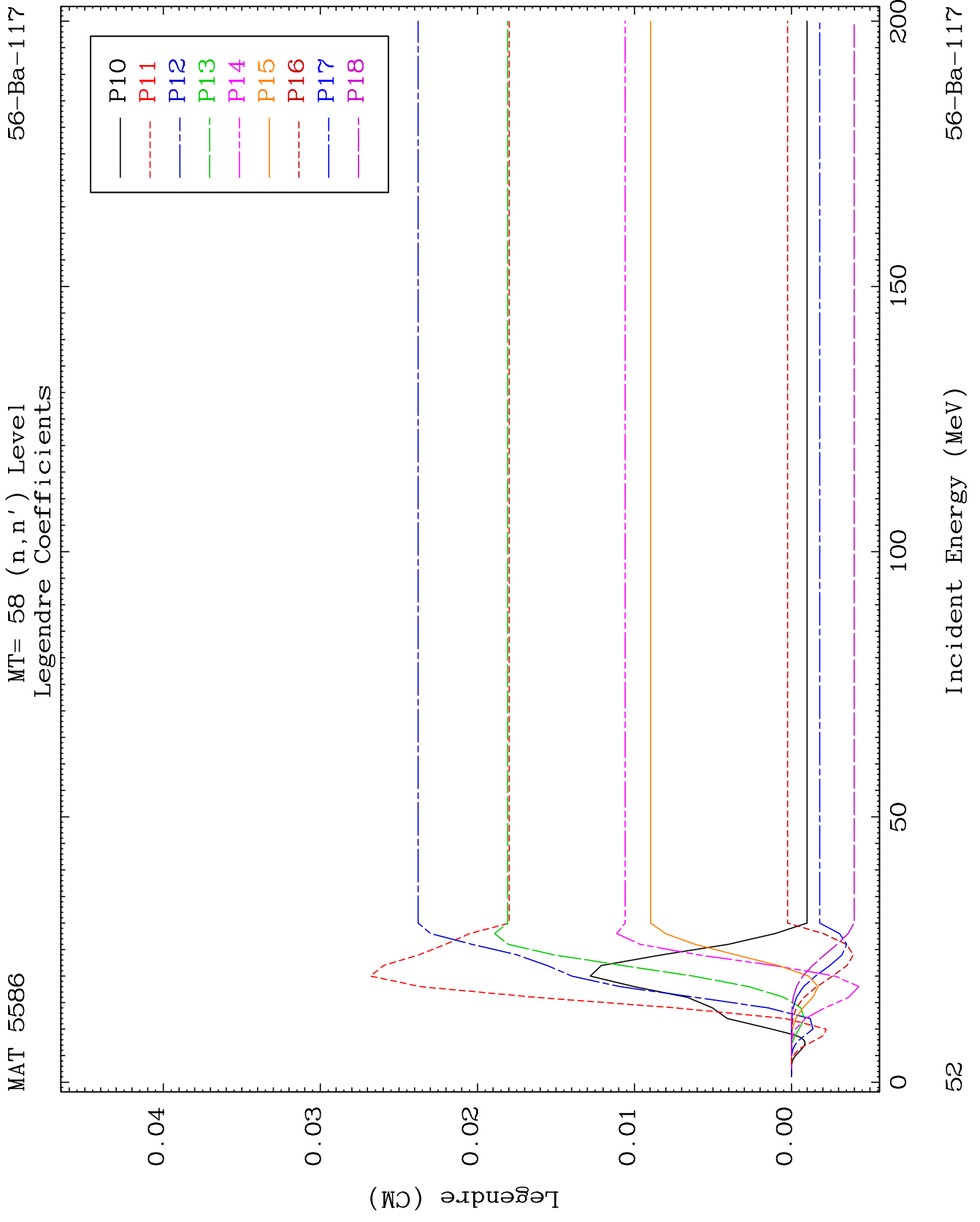
56-Ba-117



51

Incident Energy (MeV)

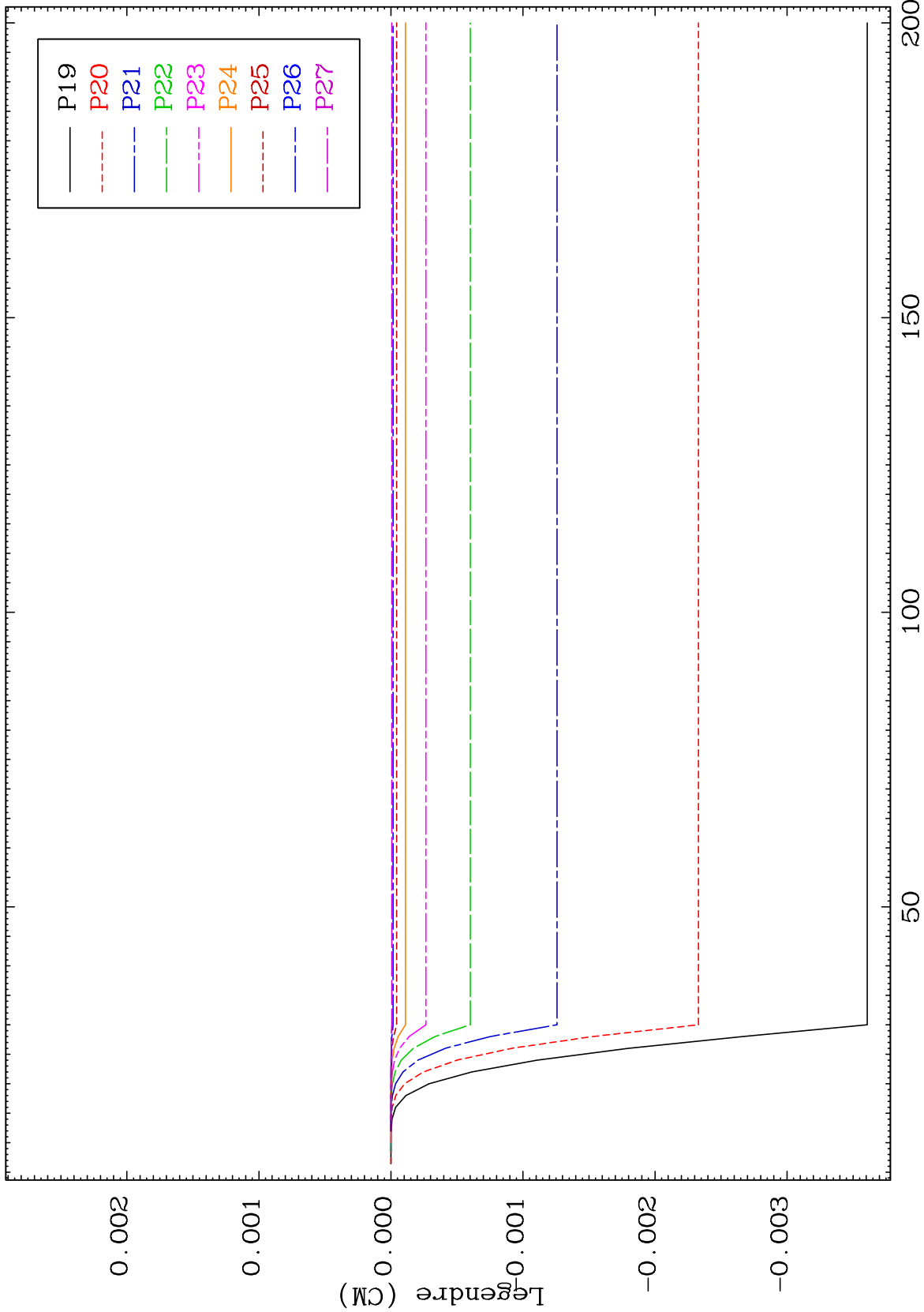
56-Ba-117



MAT 5586

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

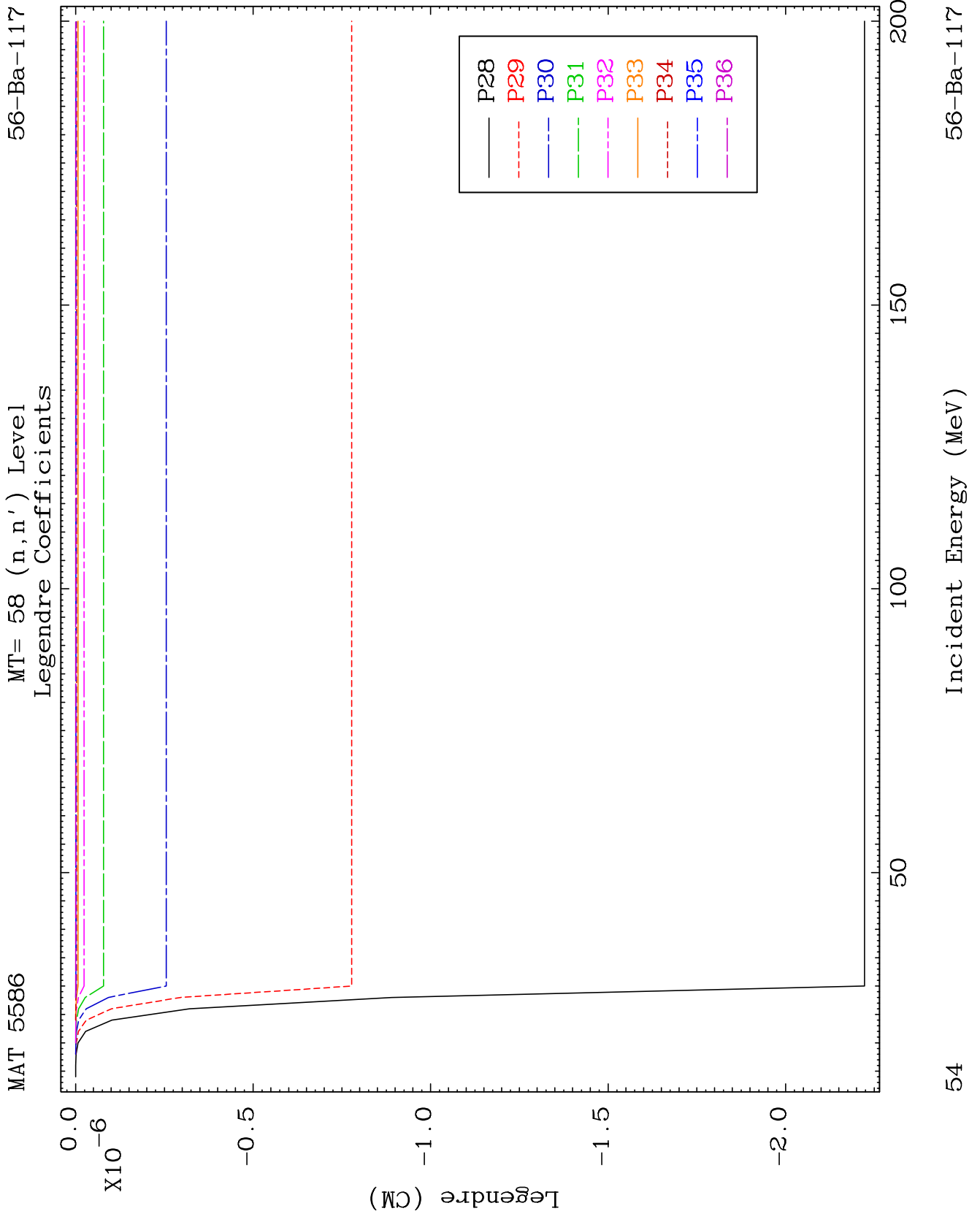
56-Ba-117



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Incident Energy (MeV)

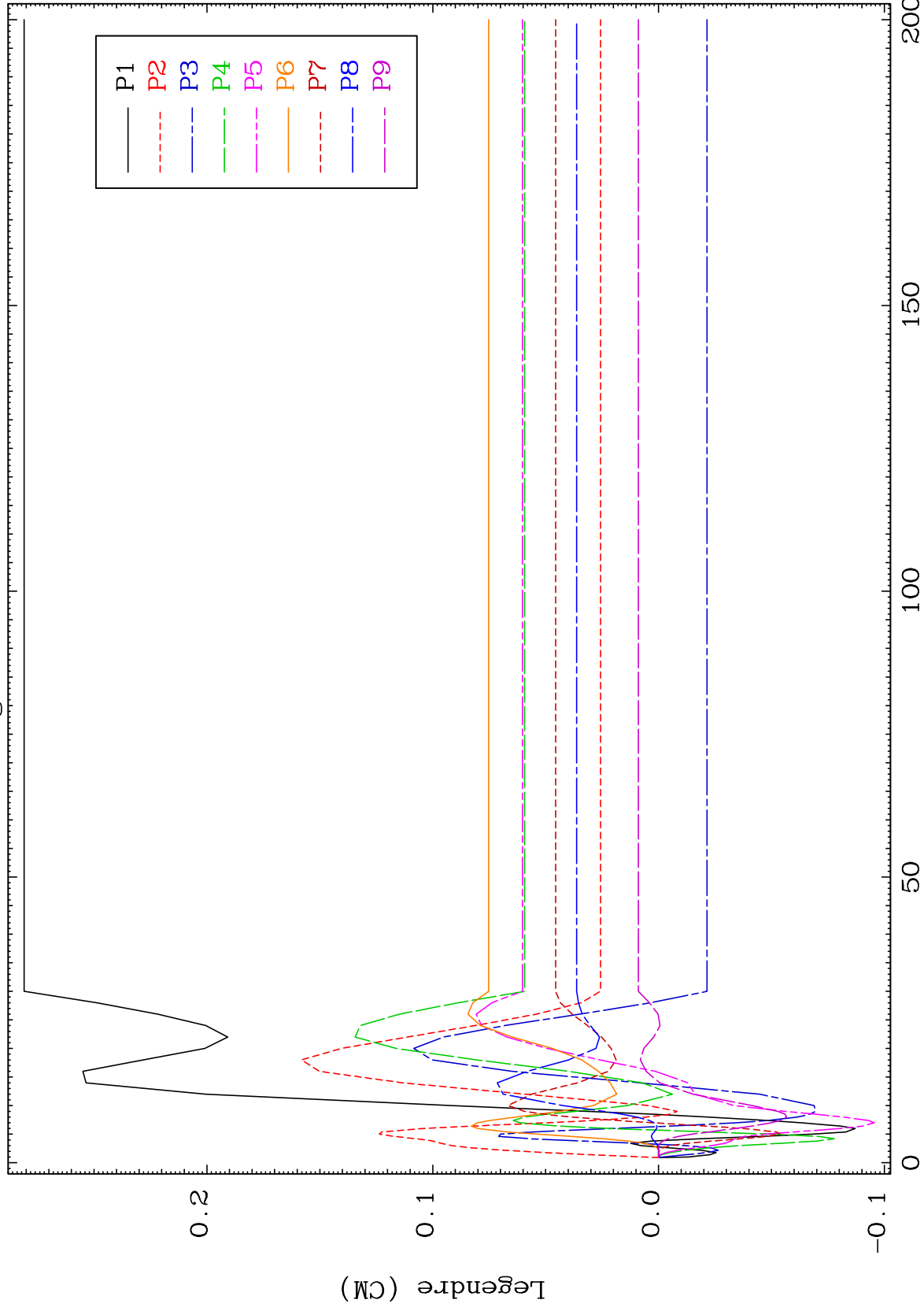
56-Ba-117



MAT 5586

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

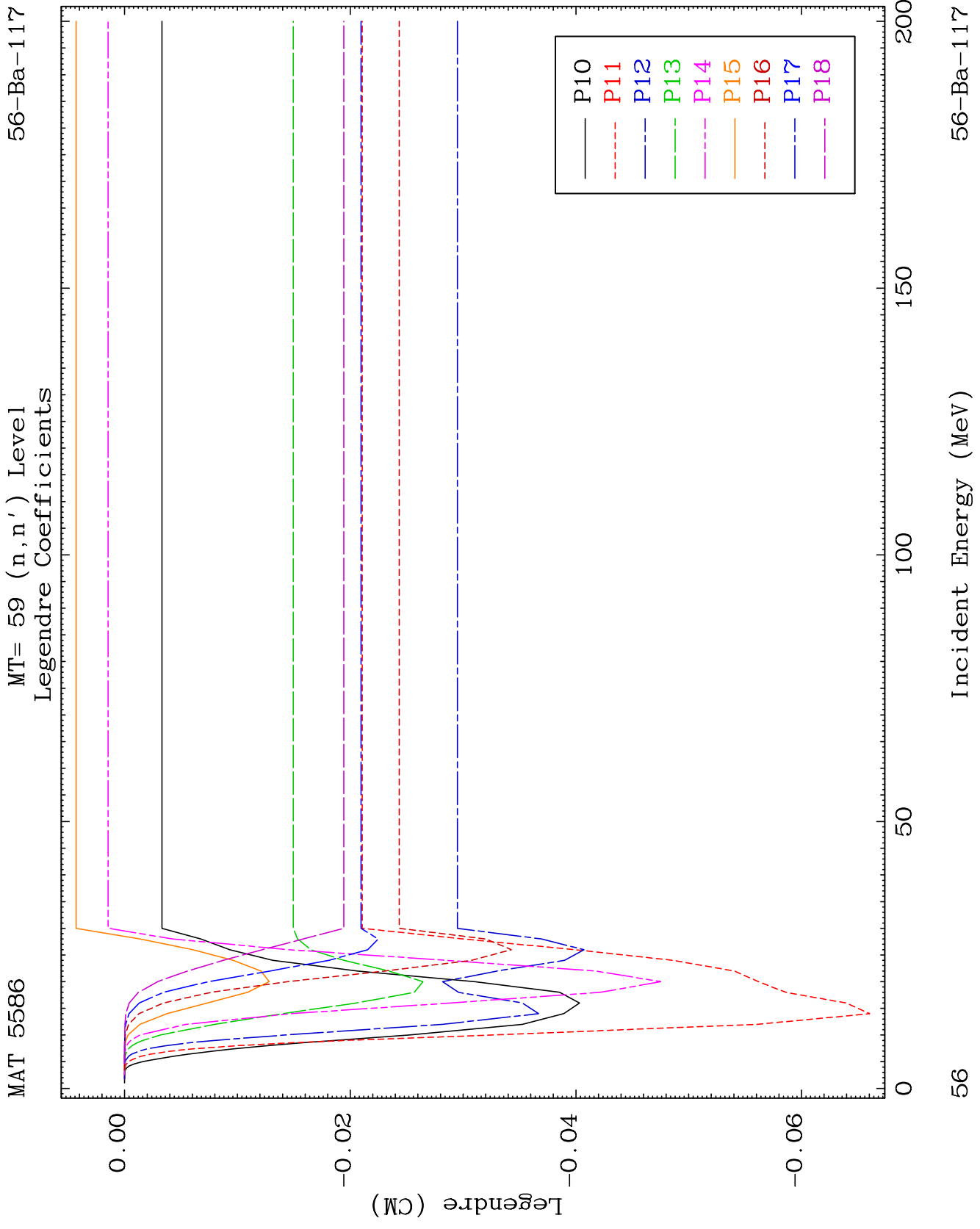
56-Ba-117

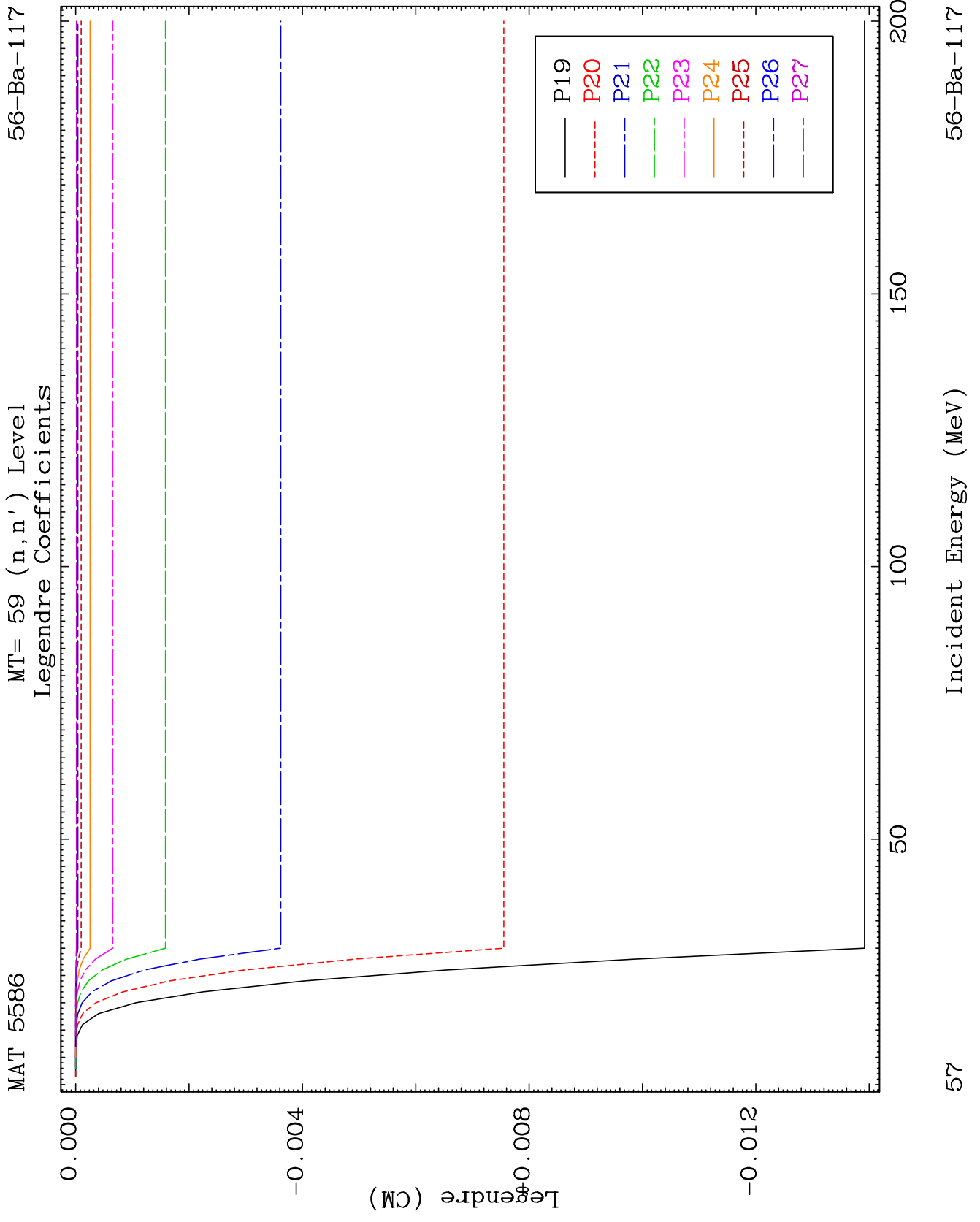


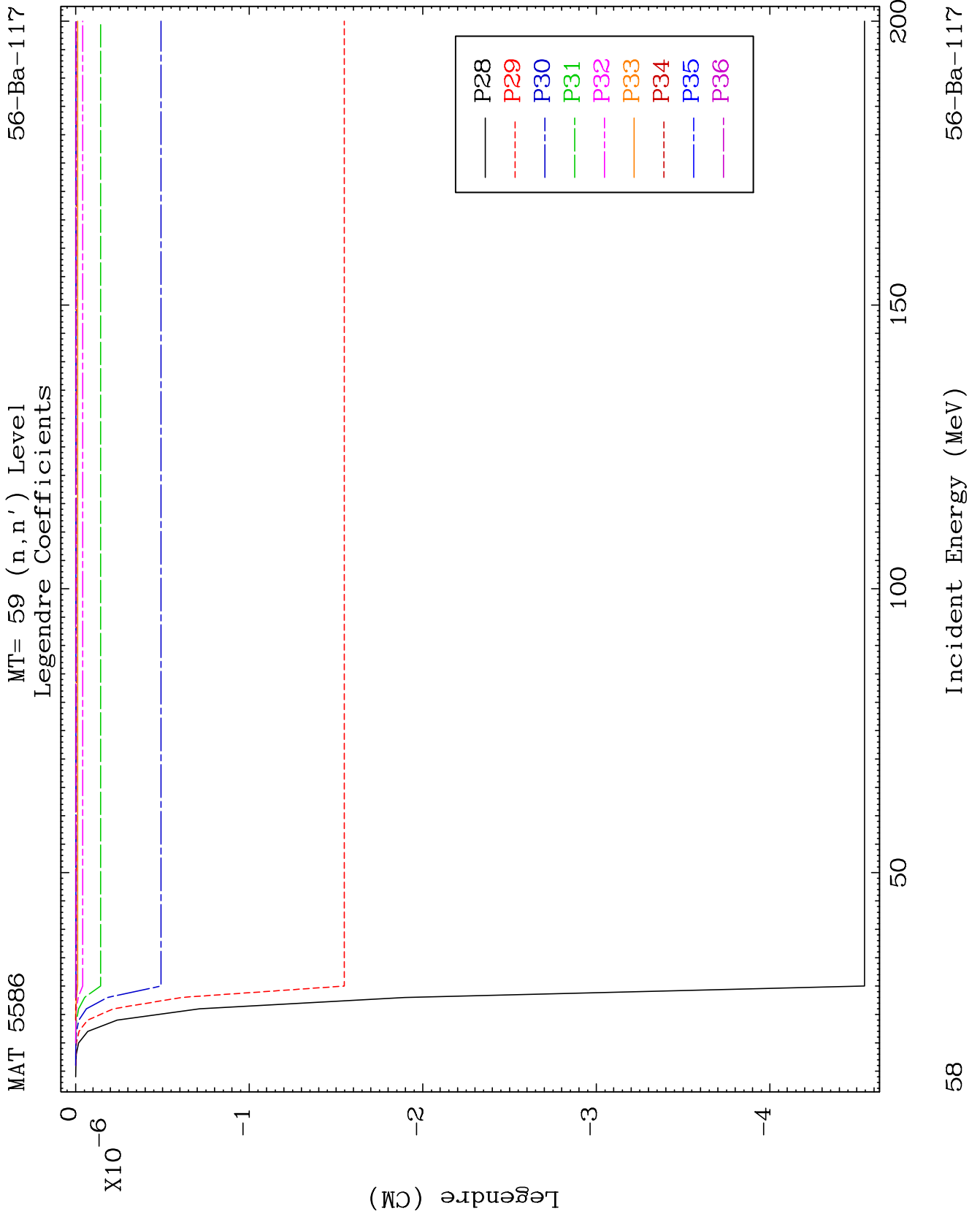
56-Ba-117

Incident Energy (MeV)

55



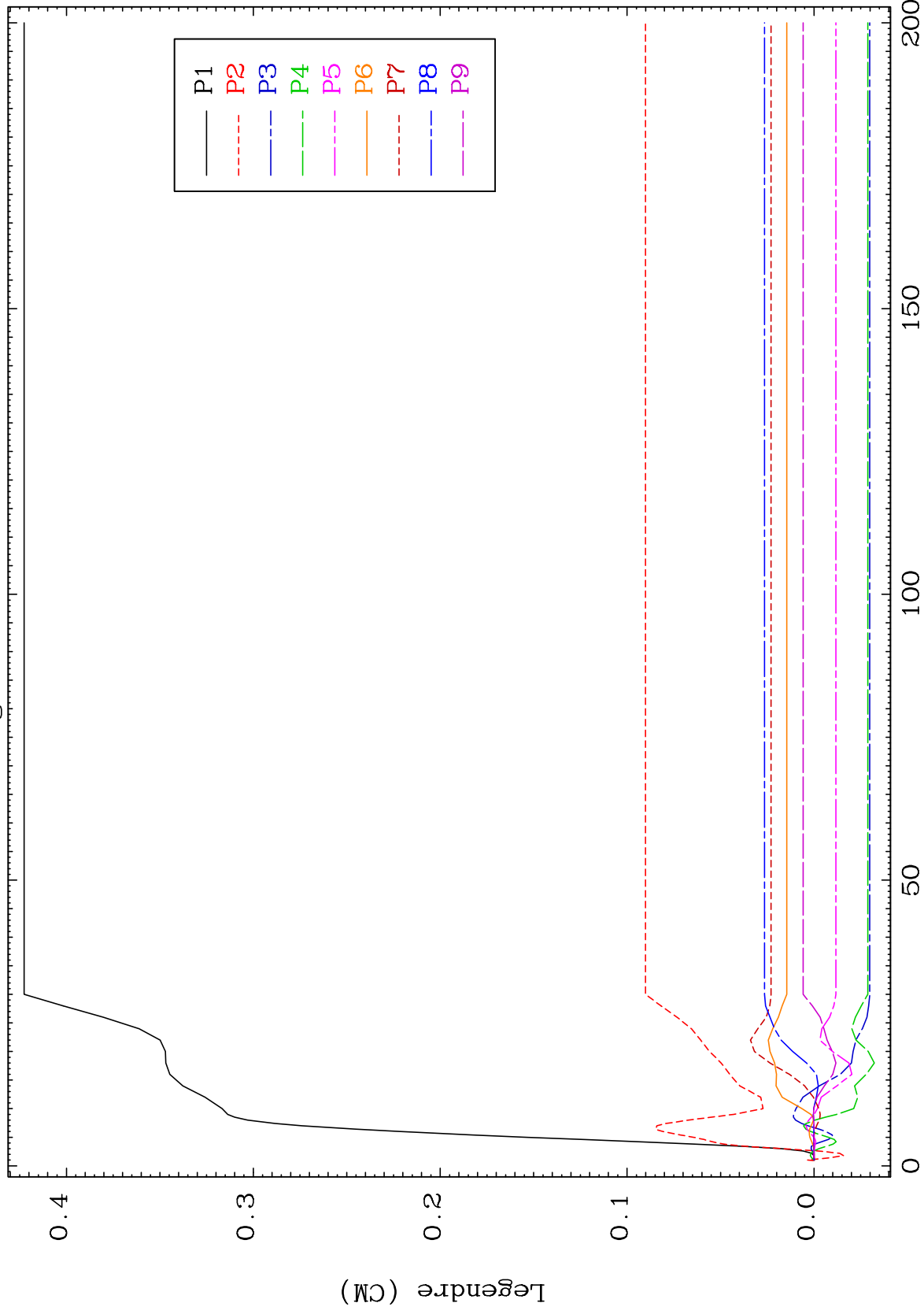




MAT 5586

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

56-Ba-117



59

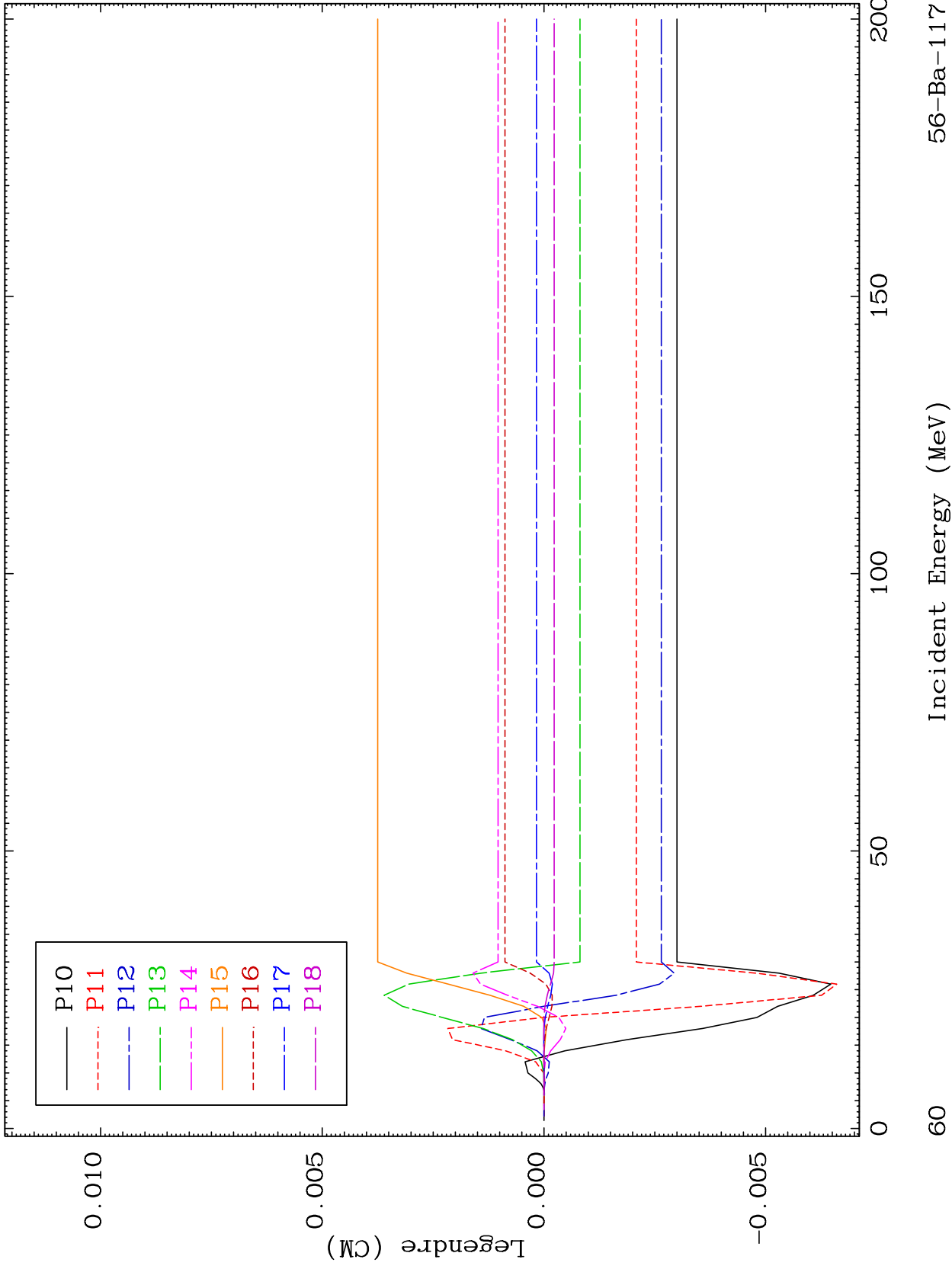
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

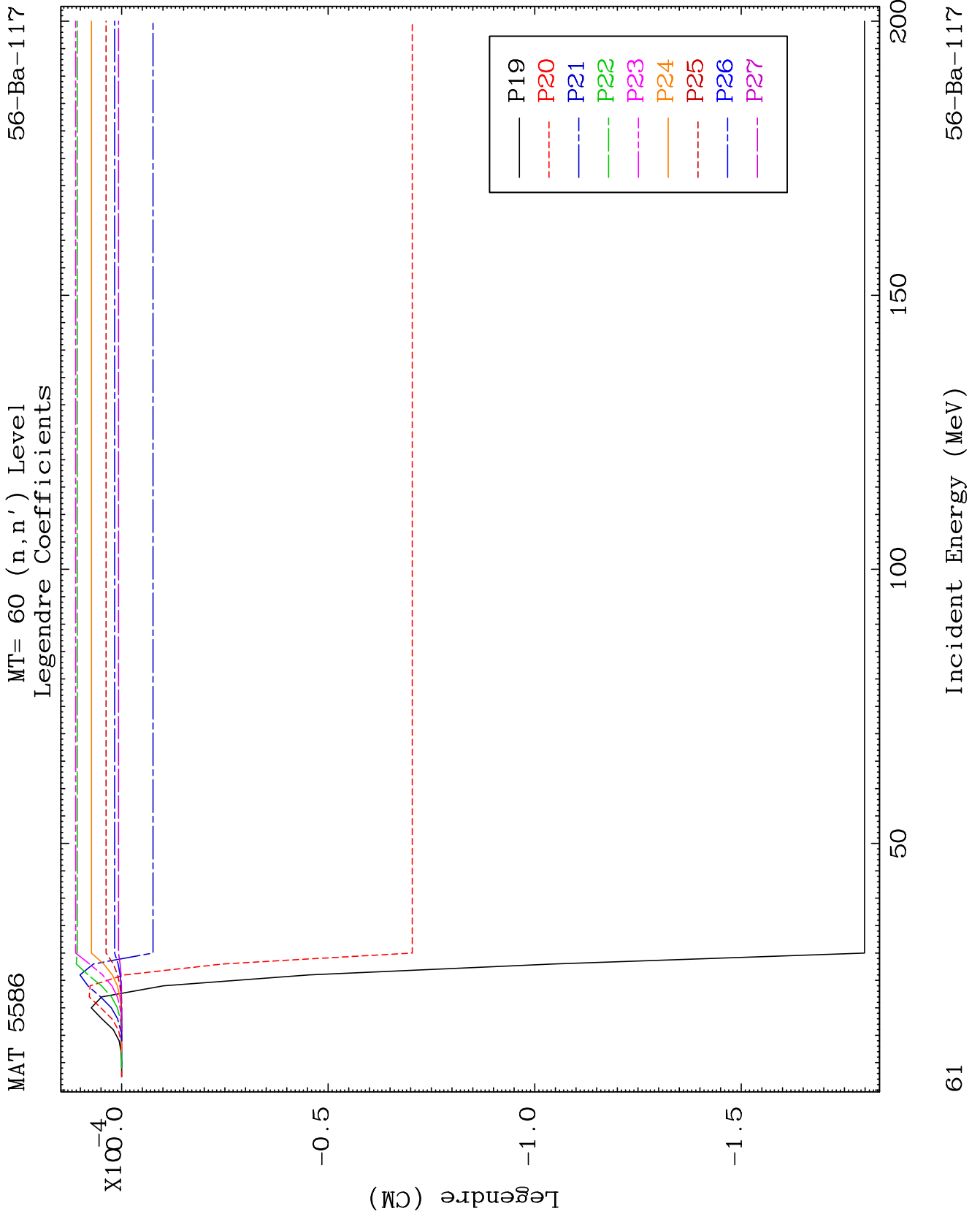
56-Ba-117



56-Ba-117

Incident Energy (MeV)

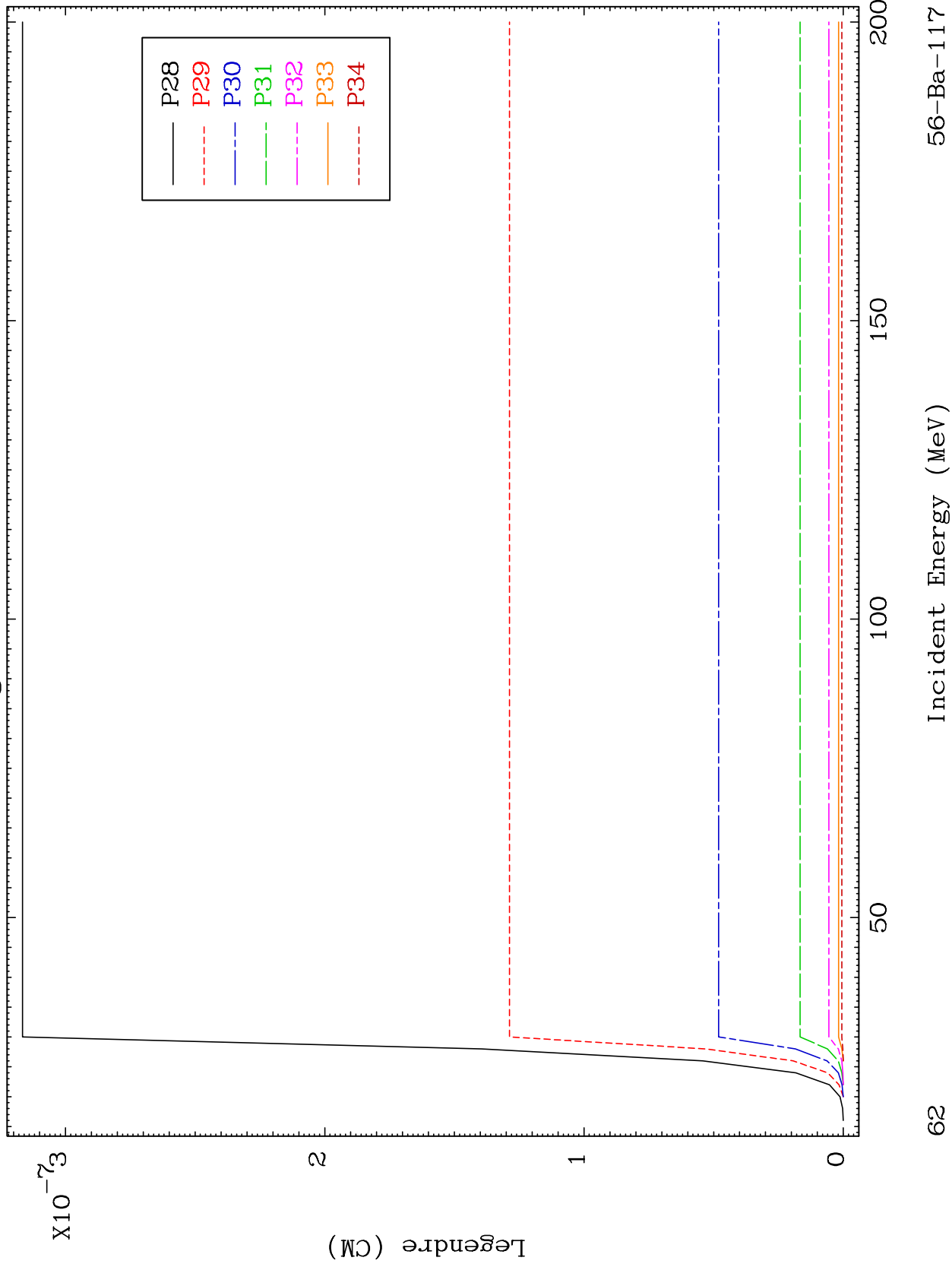
60



MAT 5586

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

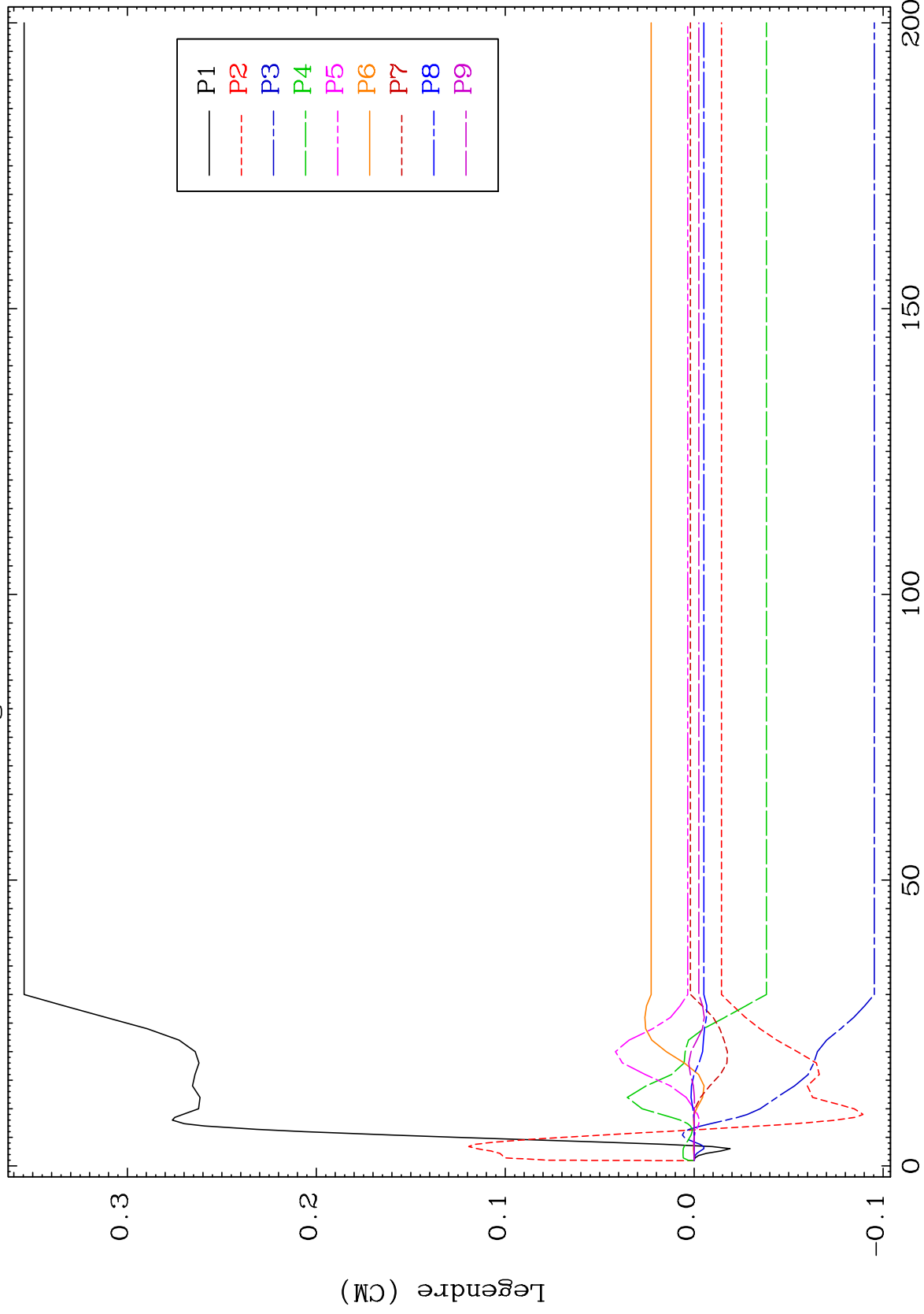
56-Ba-117



MAT 5586

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

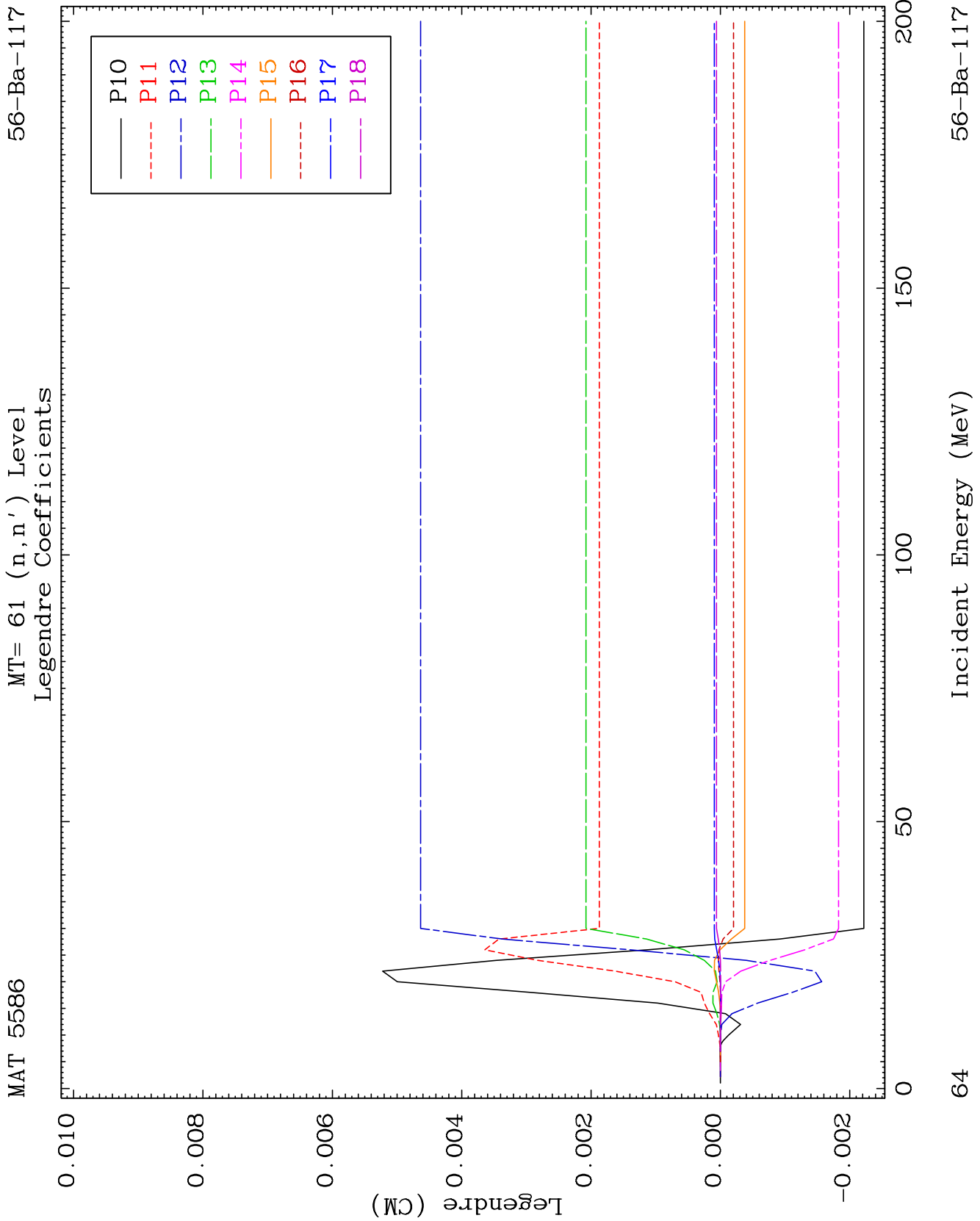
56-Ba-117



63

Incident Energy (MeV)

56-Ba-117



56-Ba-117

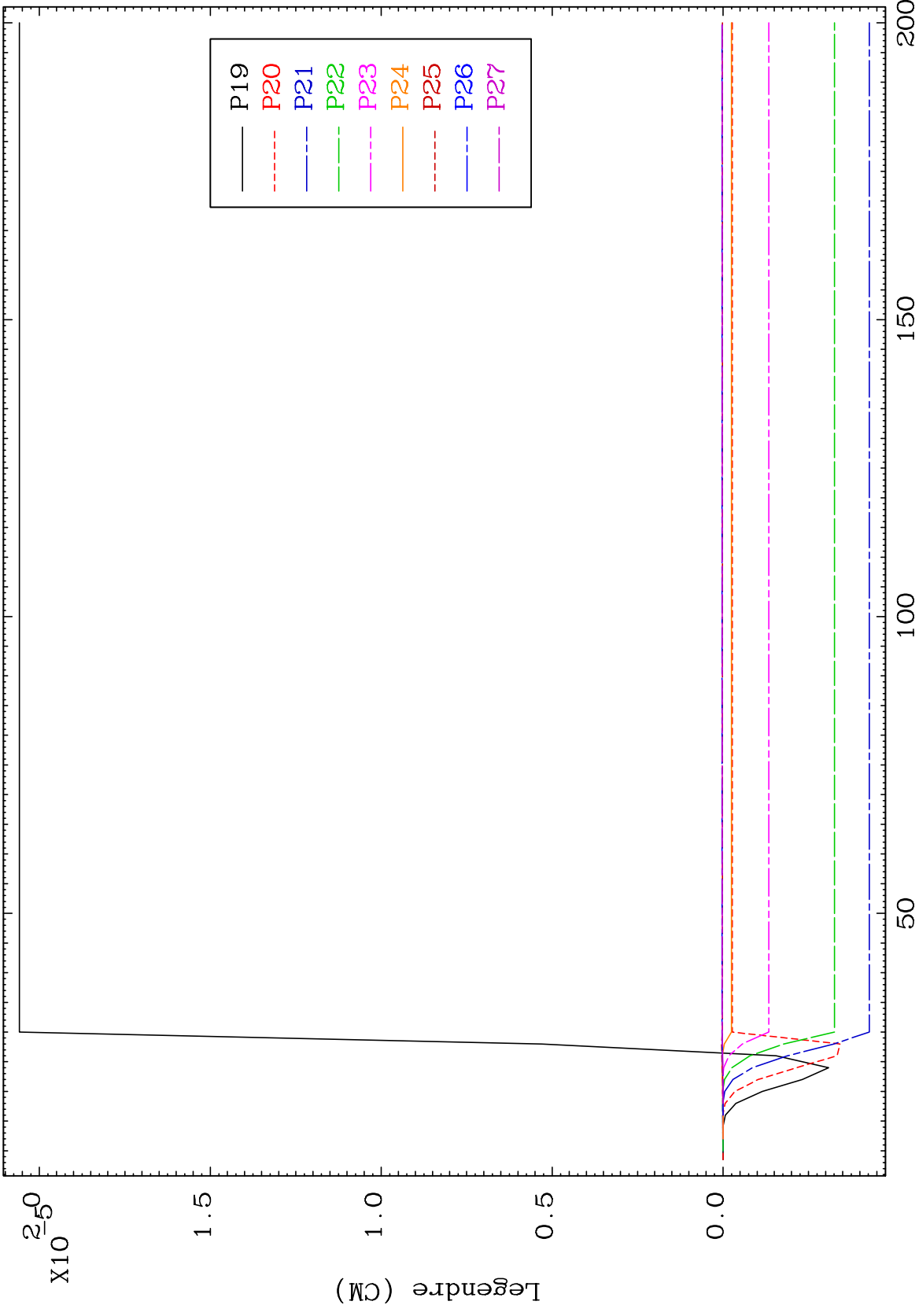
Incident Energy (MeV)

64

MAT 5586

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

56-Ba-117



65

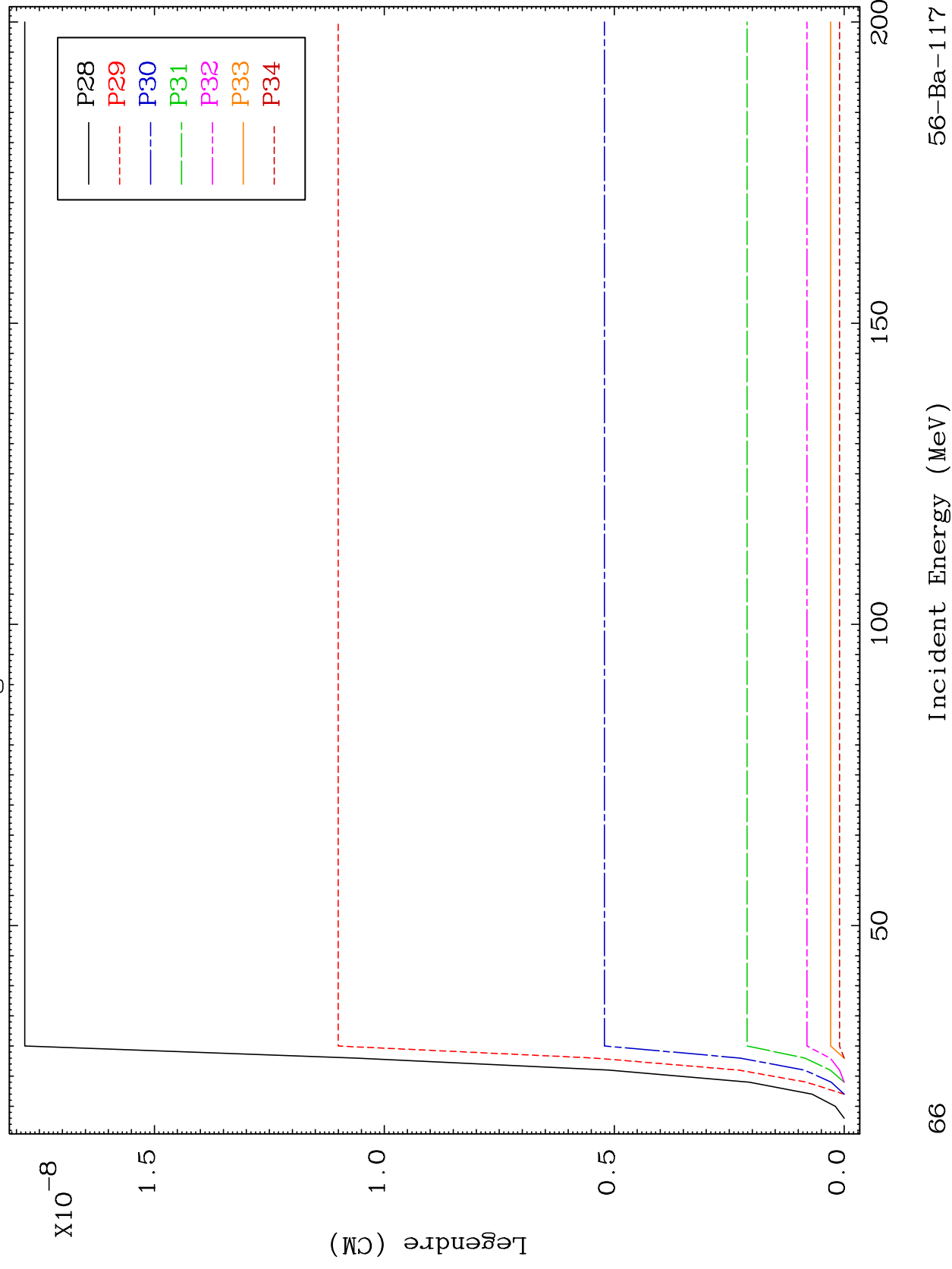
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



66

Incident Energy (MeV)

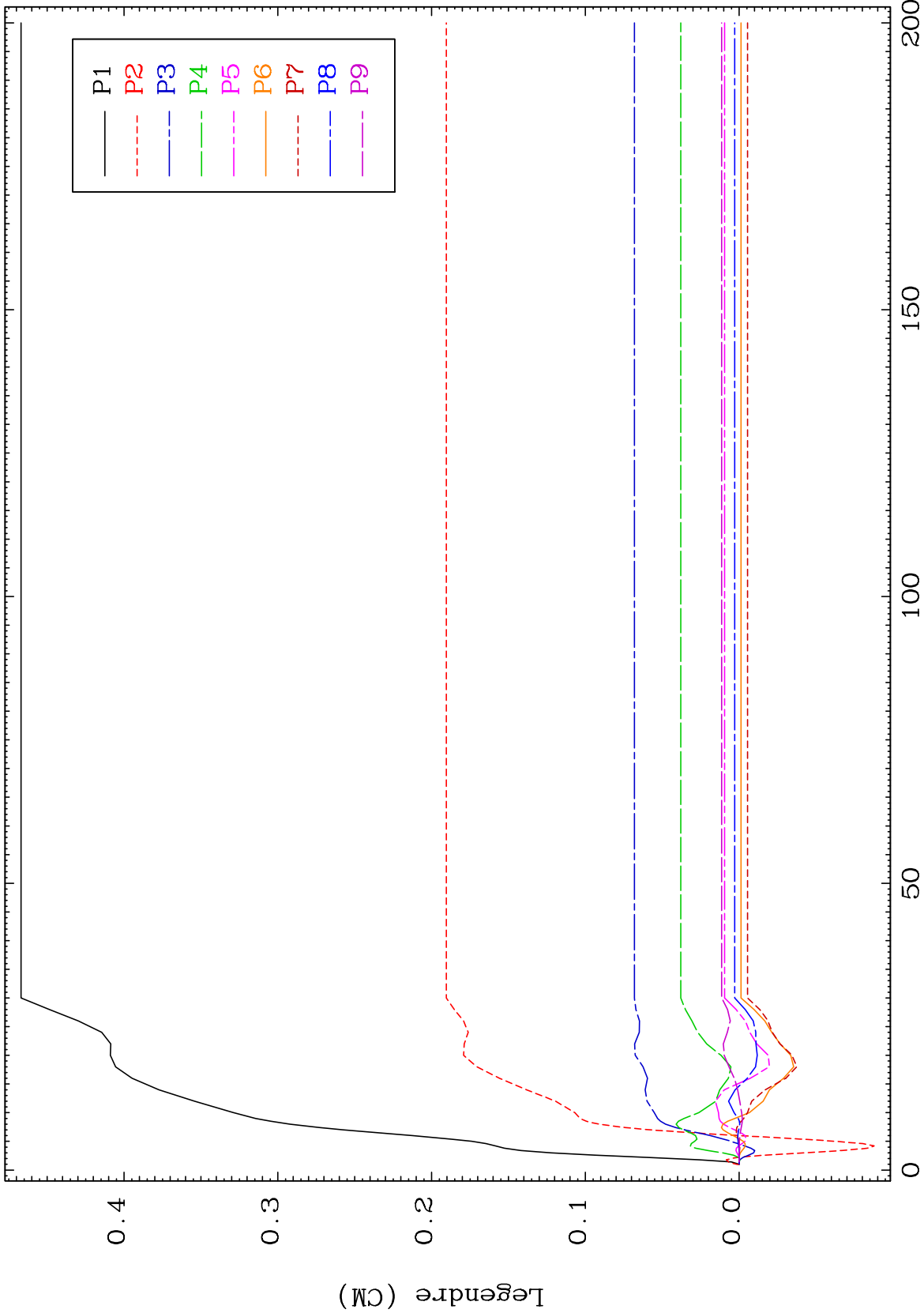
56-Ba-117

MAT 5586

MT= 62 (n,n') Level

56-Ba-117

Legendre Coefficients



67

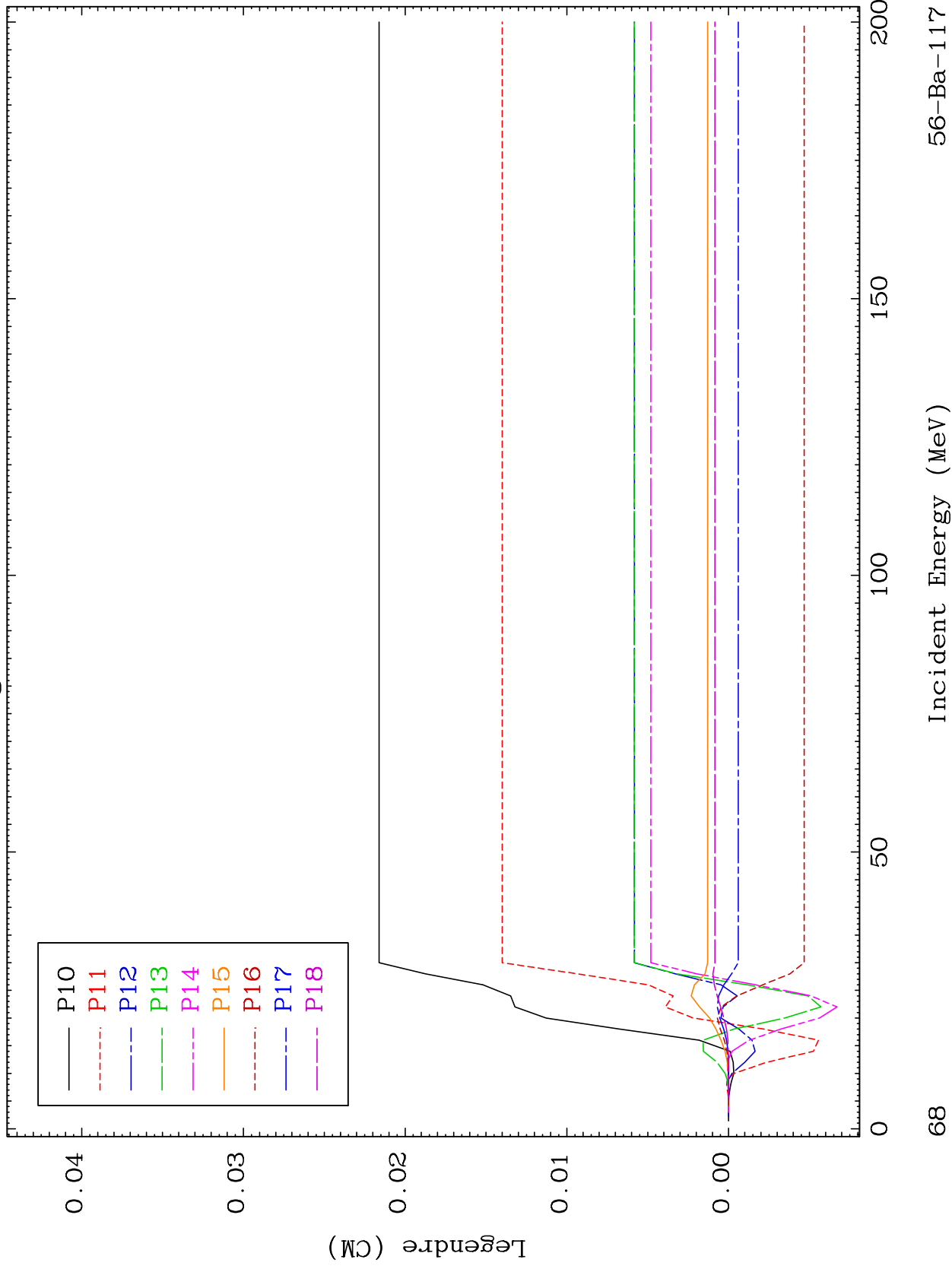
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

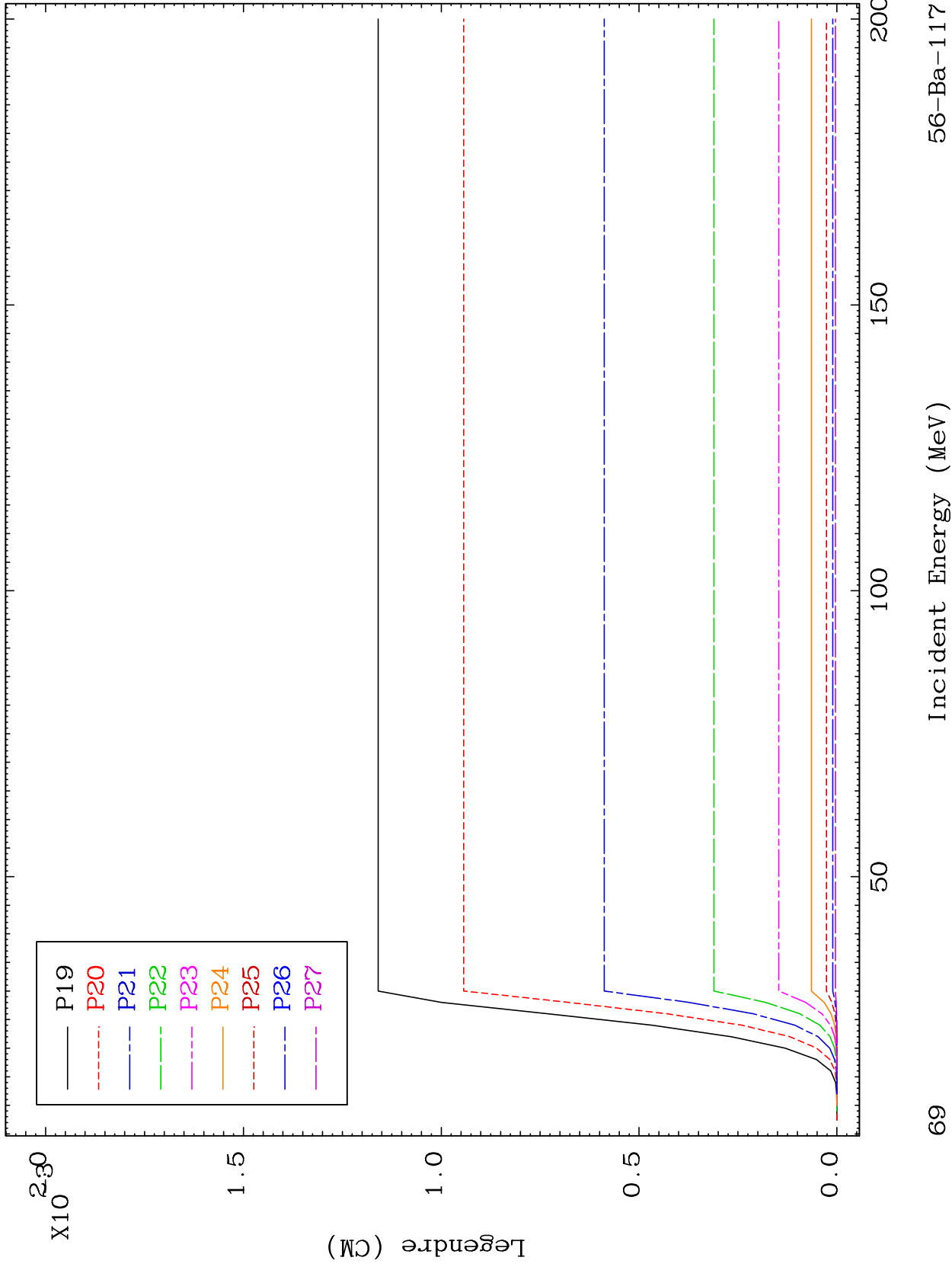
56-Ba-117



56-Ba-117

Incident Energy (MeV)

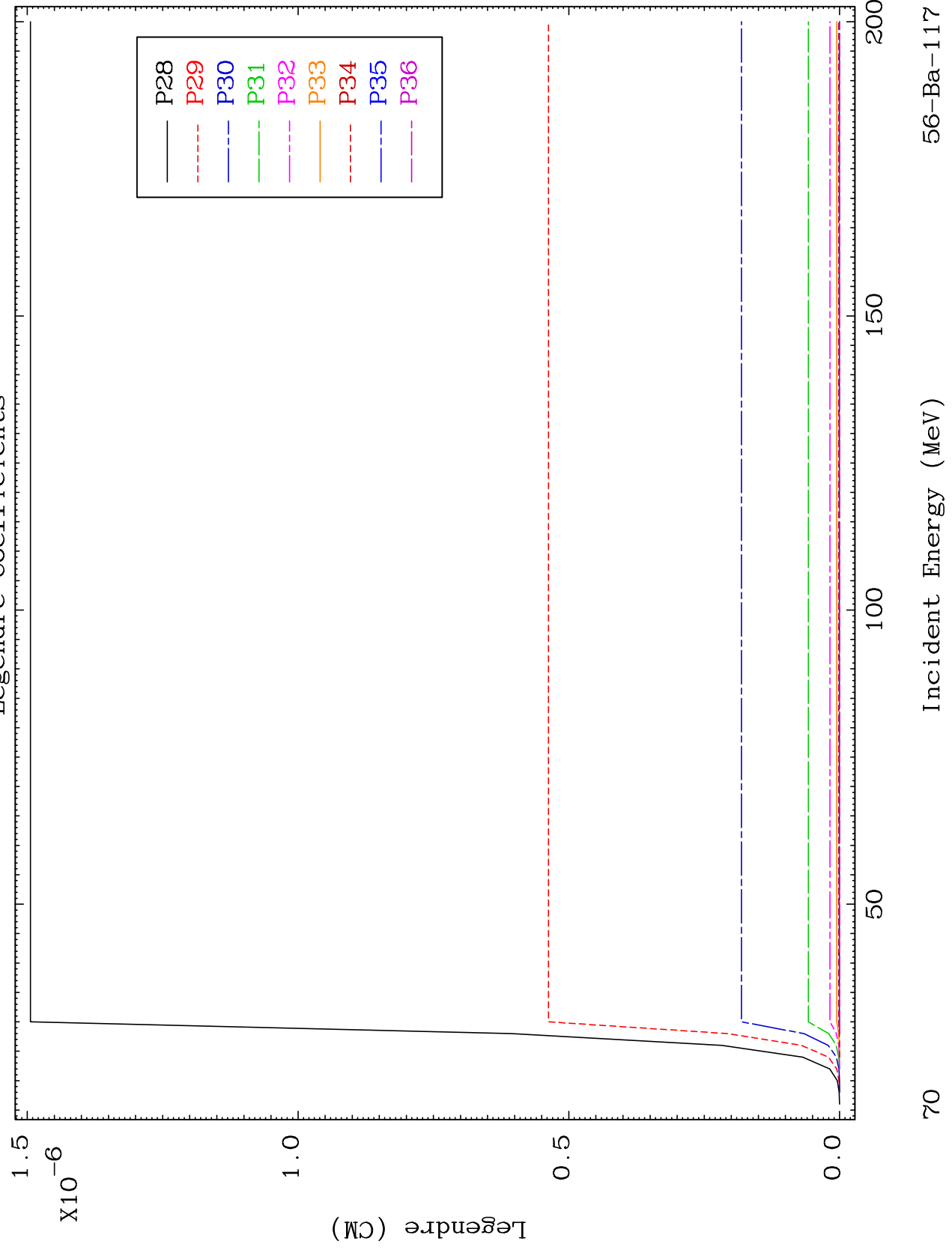
68



MAT 5586

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

56-Ba-117



56-Ba-117

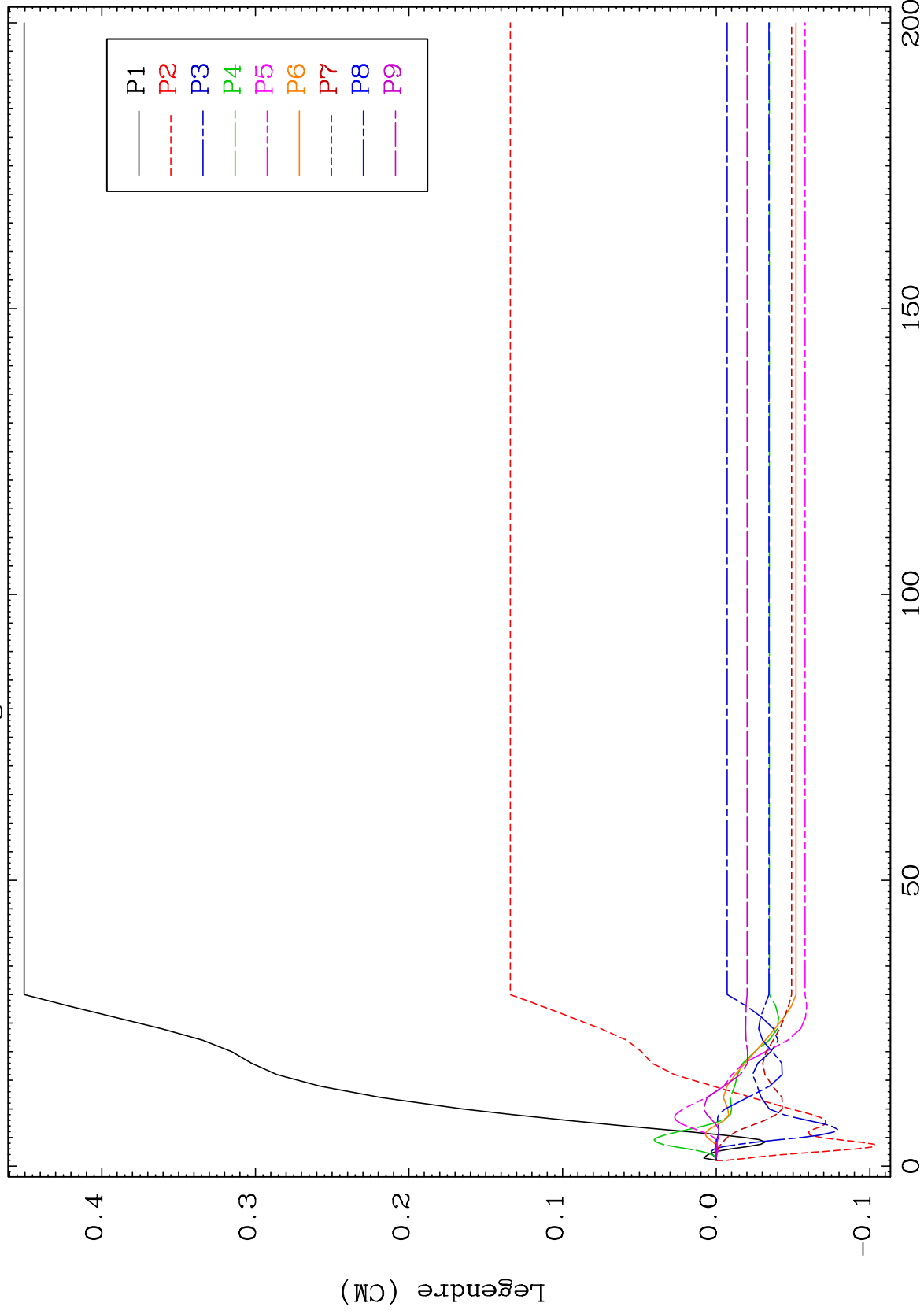
Incident Energy (MeV)

70

MAT 5586

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

56-Ba-117



56-Ba-117

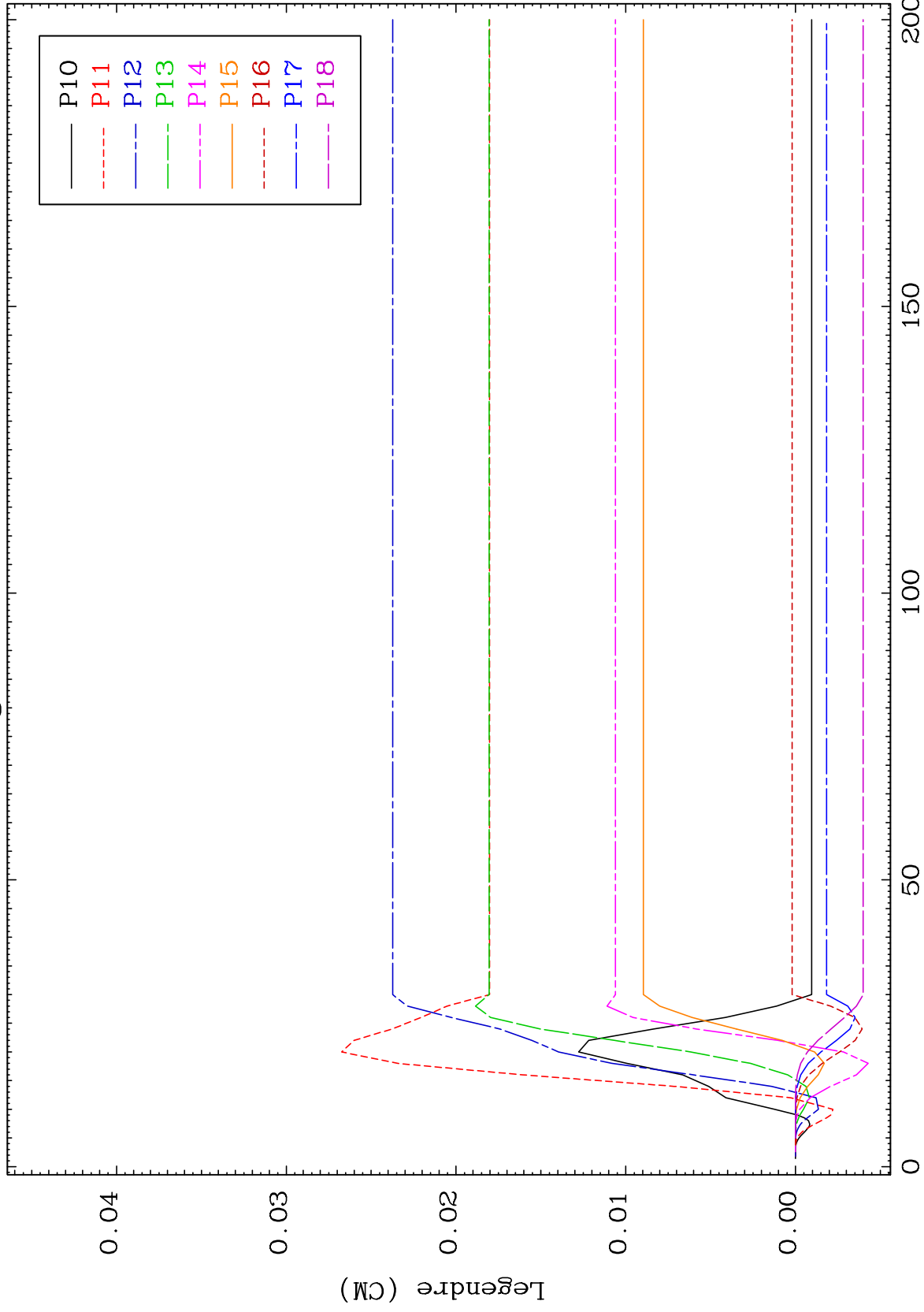
Incident Energy (MeV)

71

MAT 5586

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

56-Ba-117



72

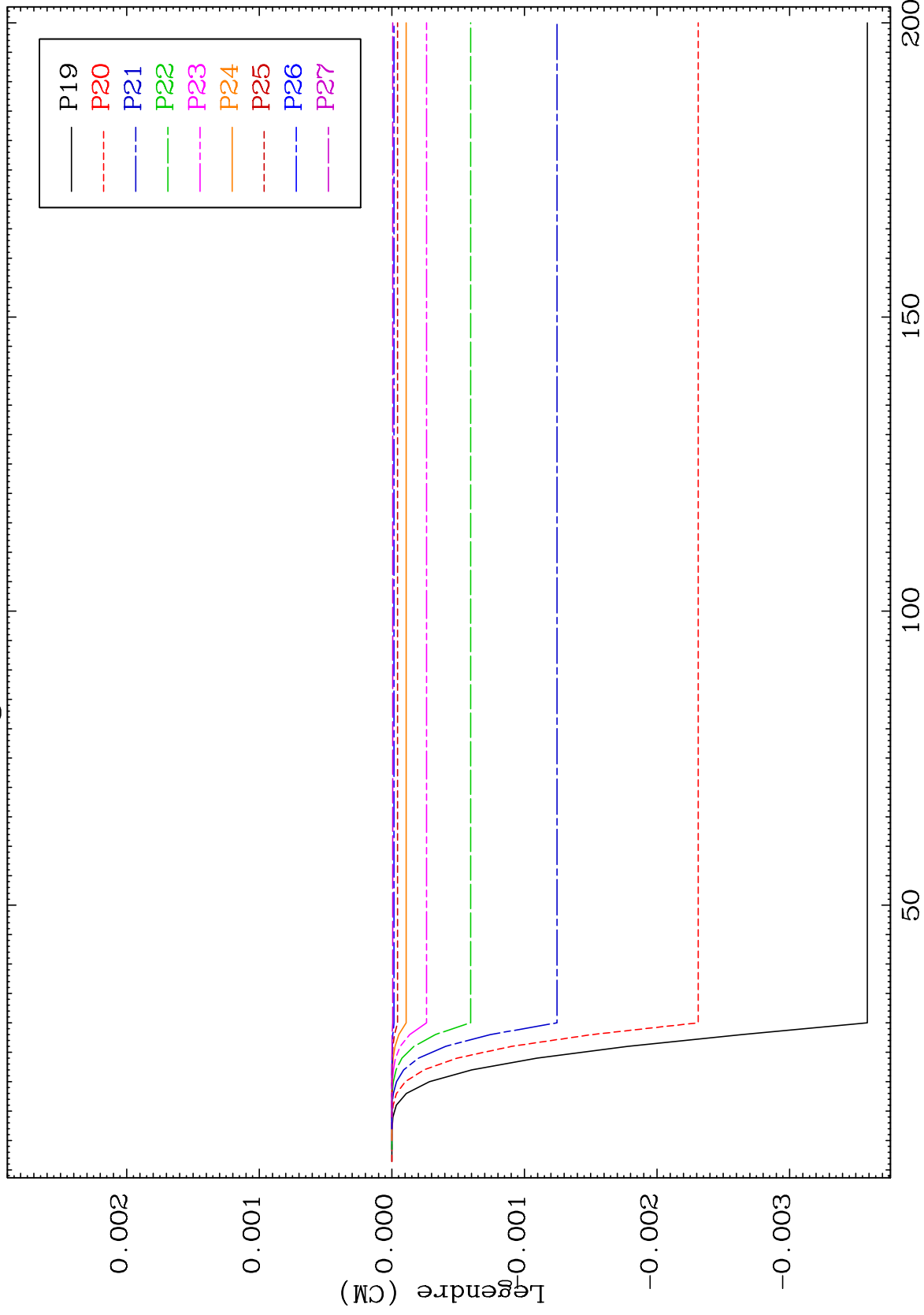
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

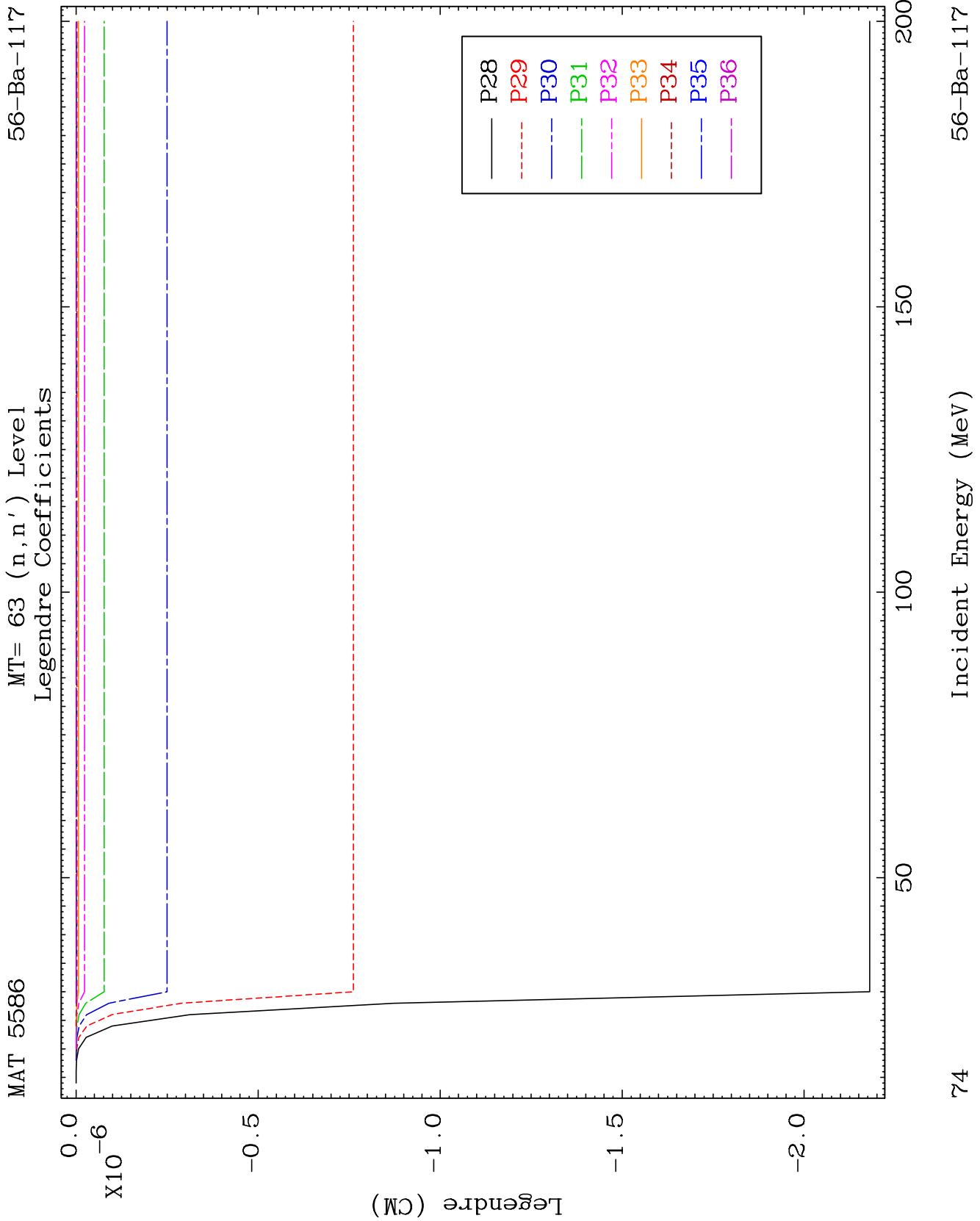
56-Ba-117



73

Incident Energy (MeV)

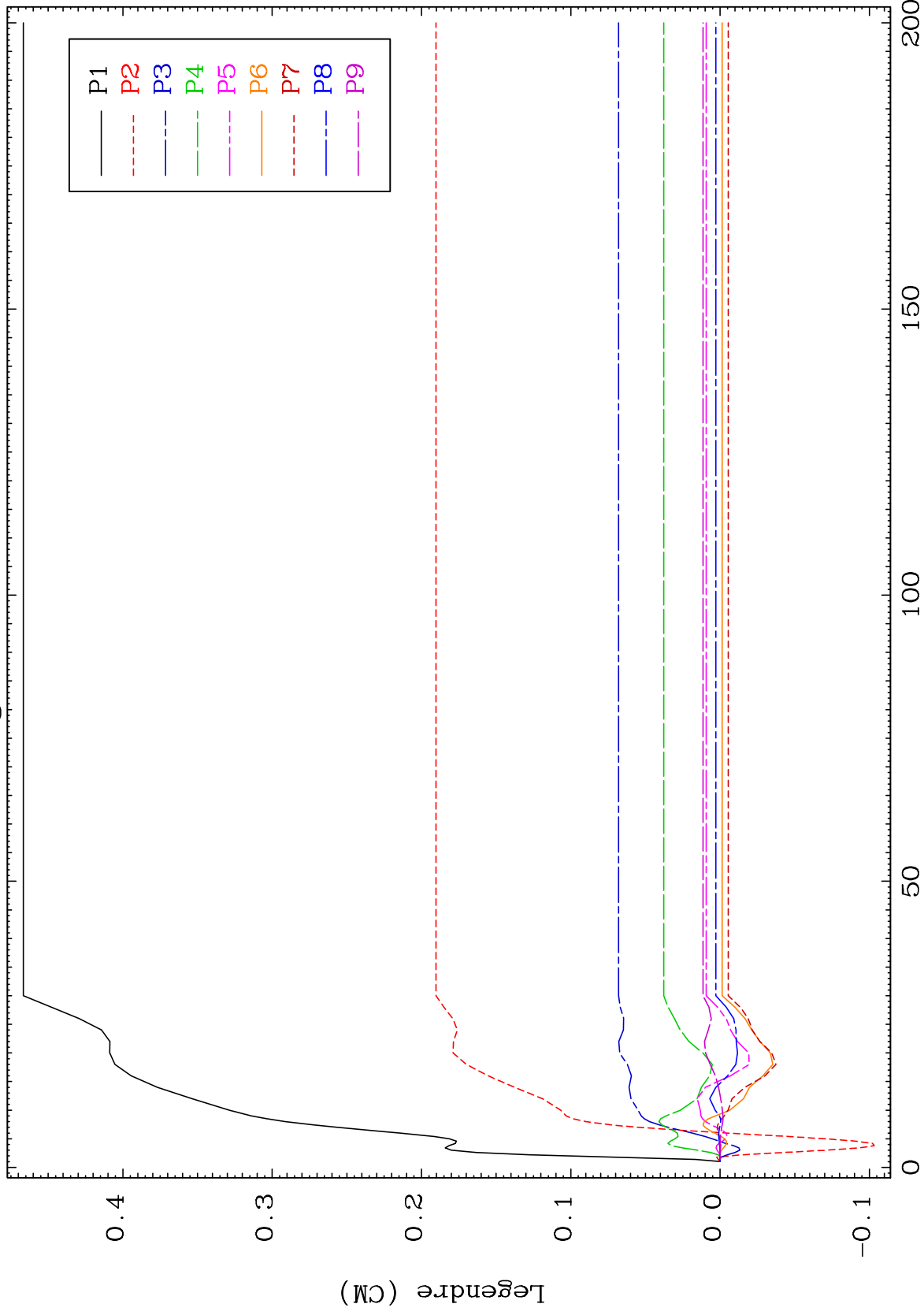
56-Ba-117



MAT 5586

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

56-Ba-117



56-Ba-117

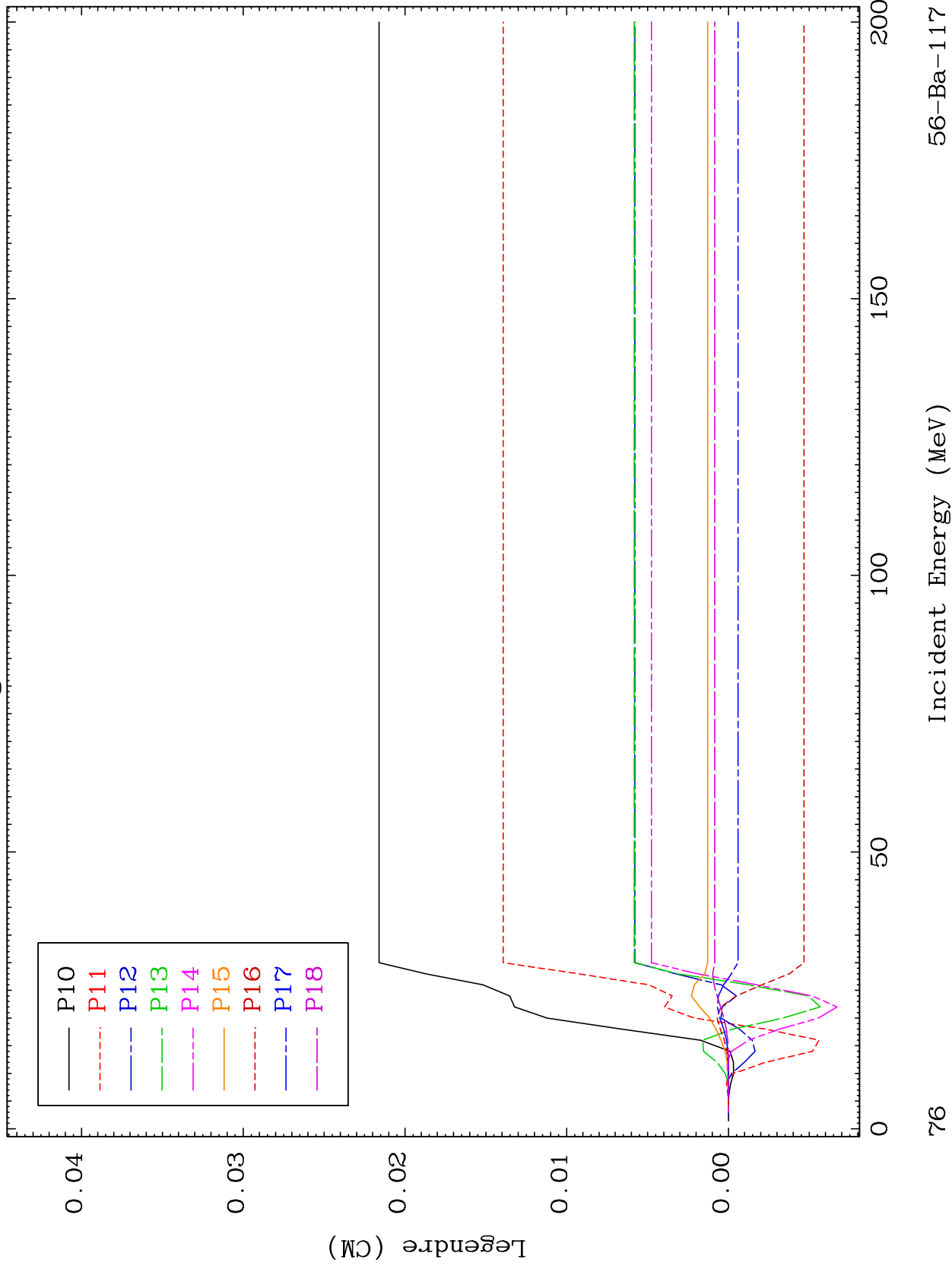
Incident Energy (MeV)

75

MAT 5586

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

56-Ba-117



56-Ba-117

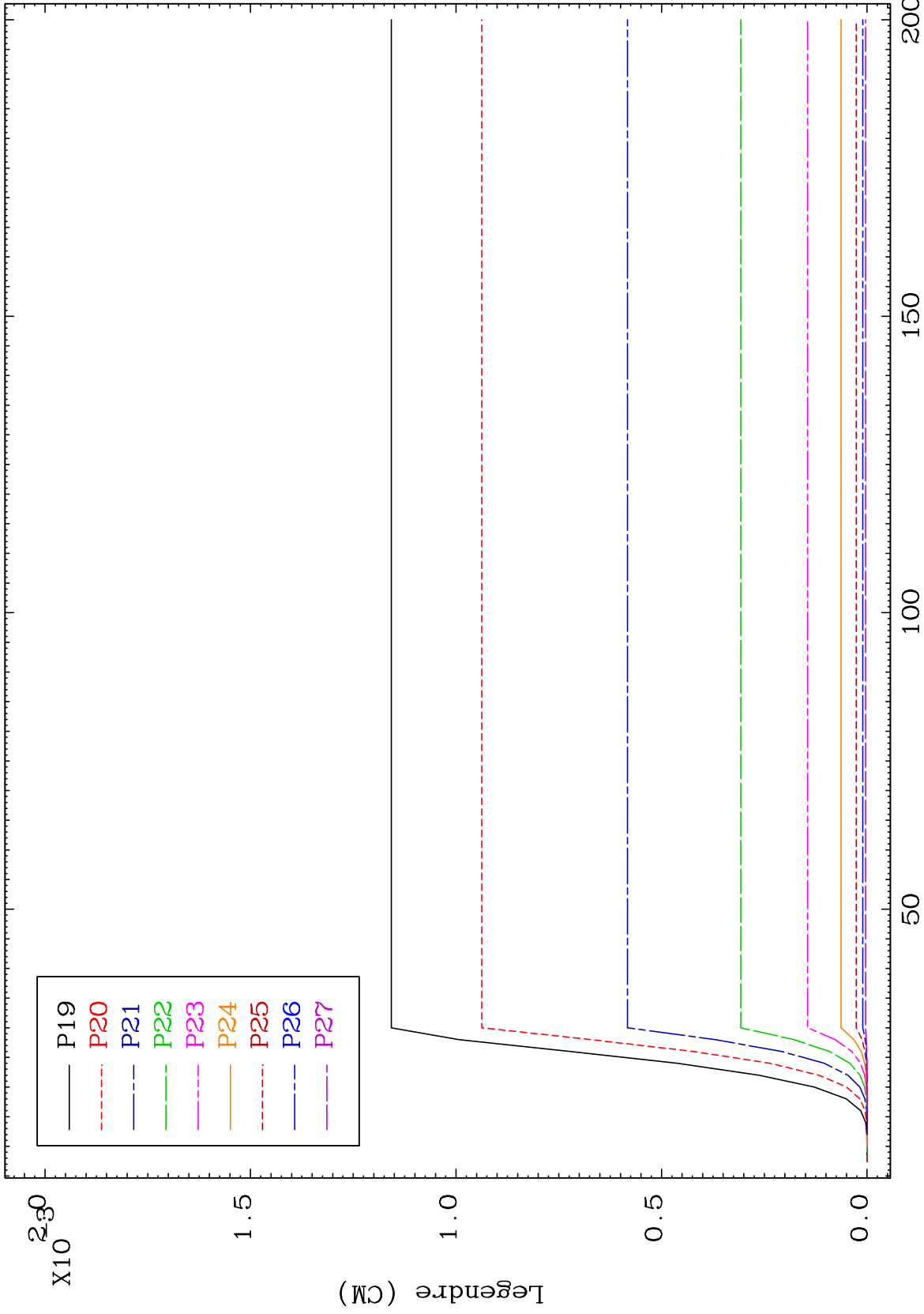
Incident Energy (MeV)

76

MAT 5586

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

56-Ba-117



77

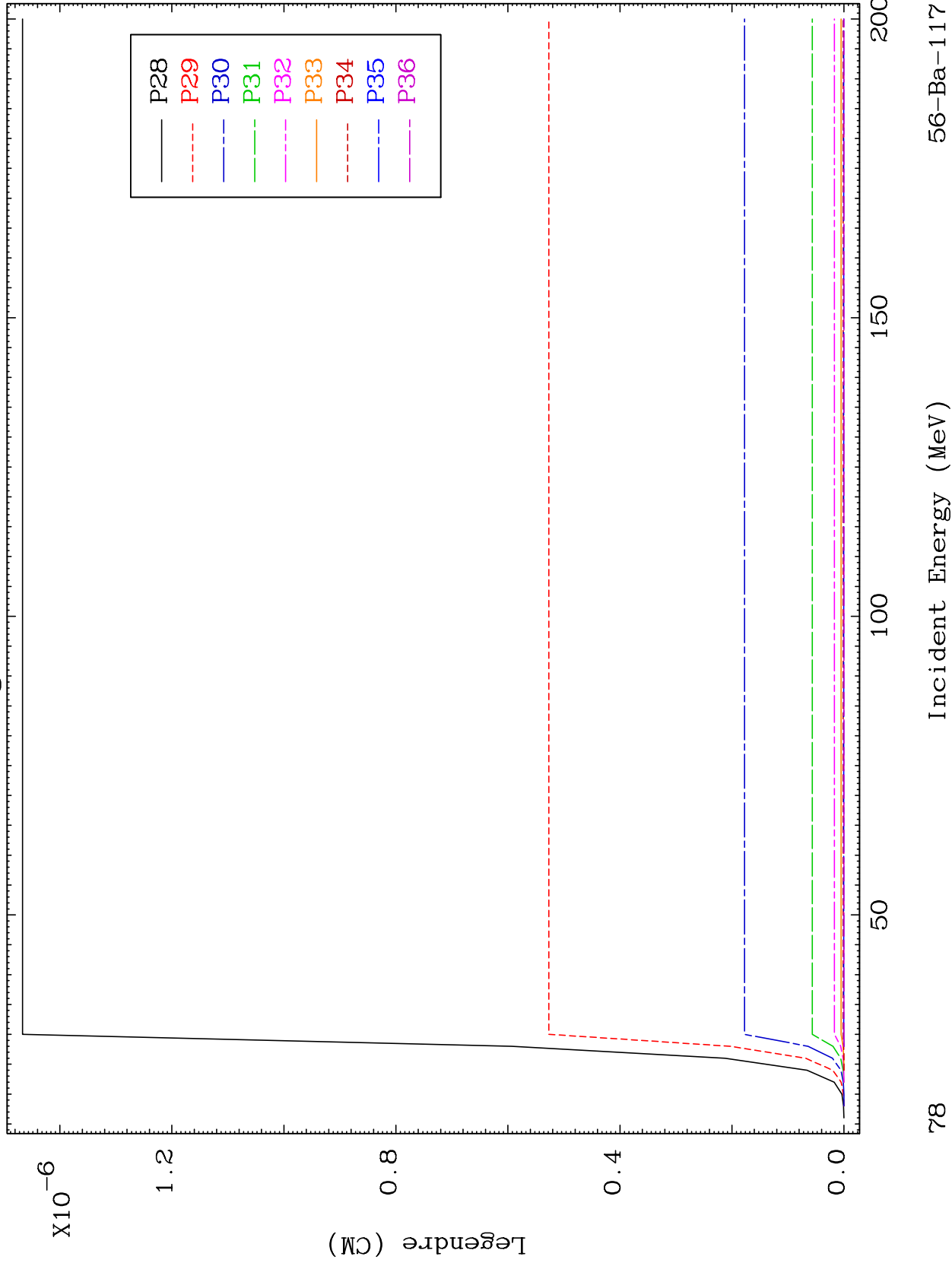
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



78

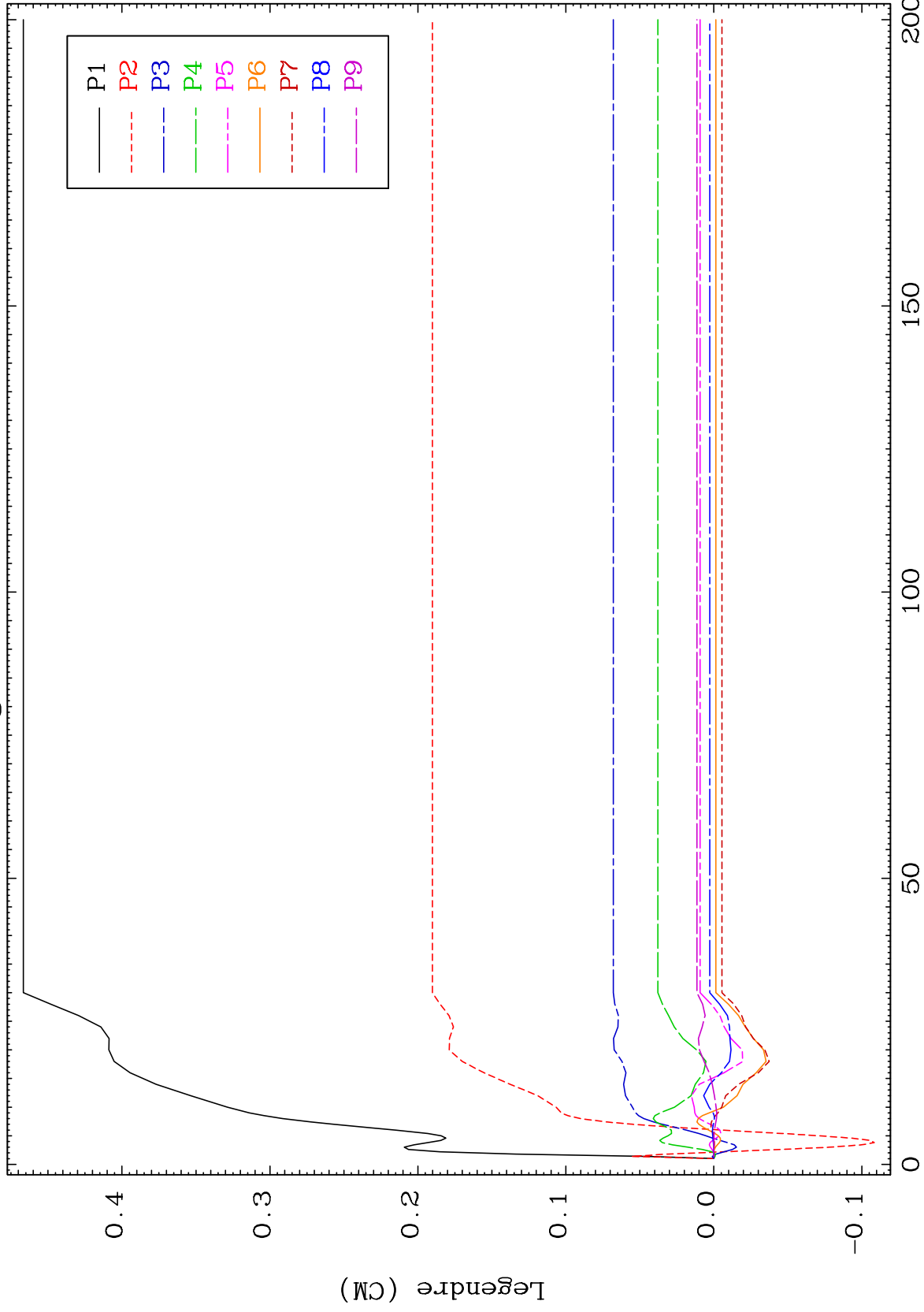
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



79

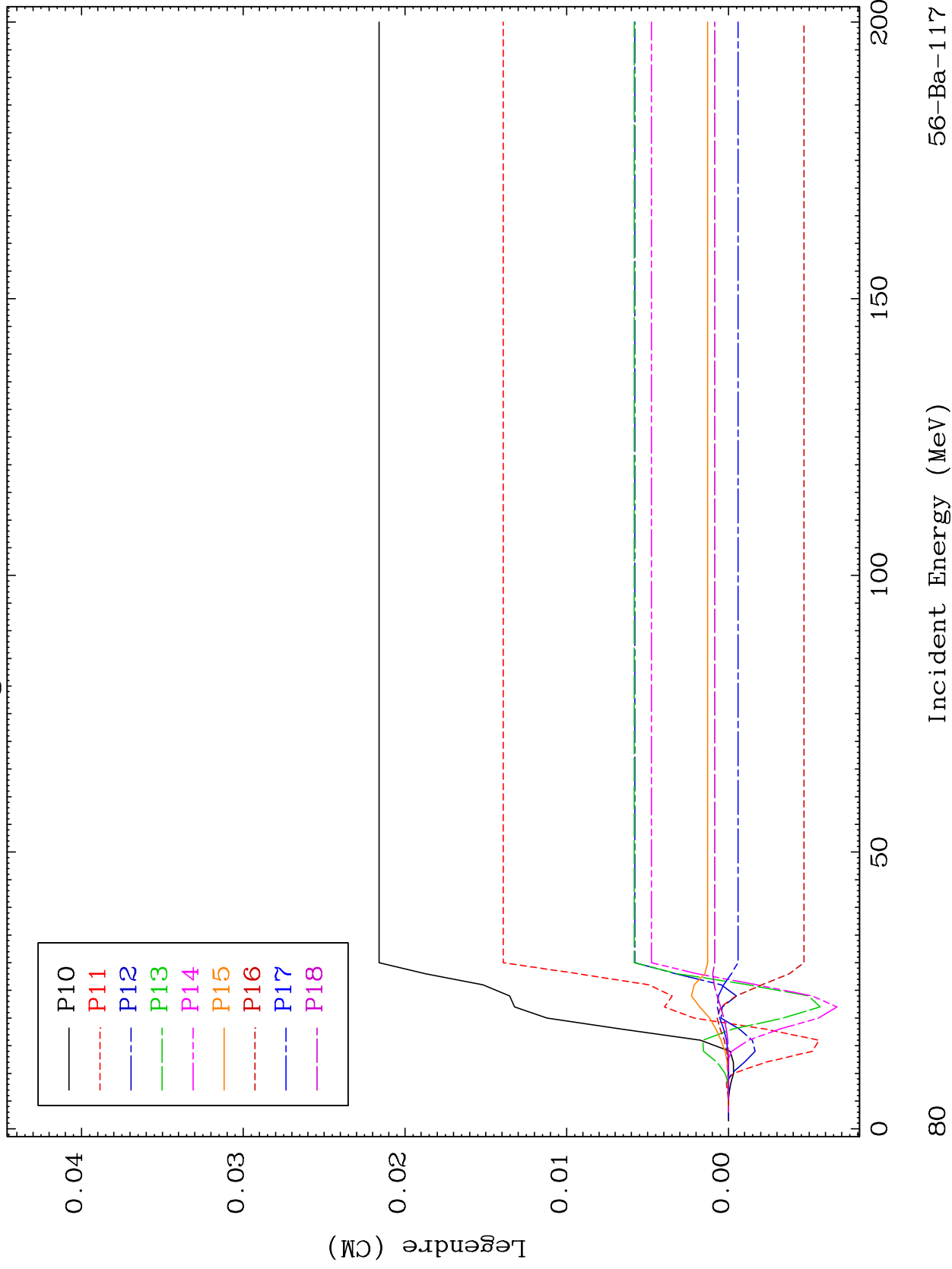
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



56-Ba-117

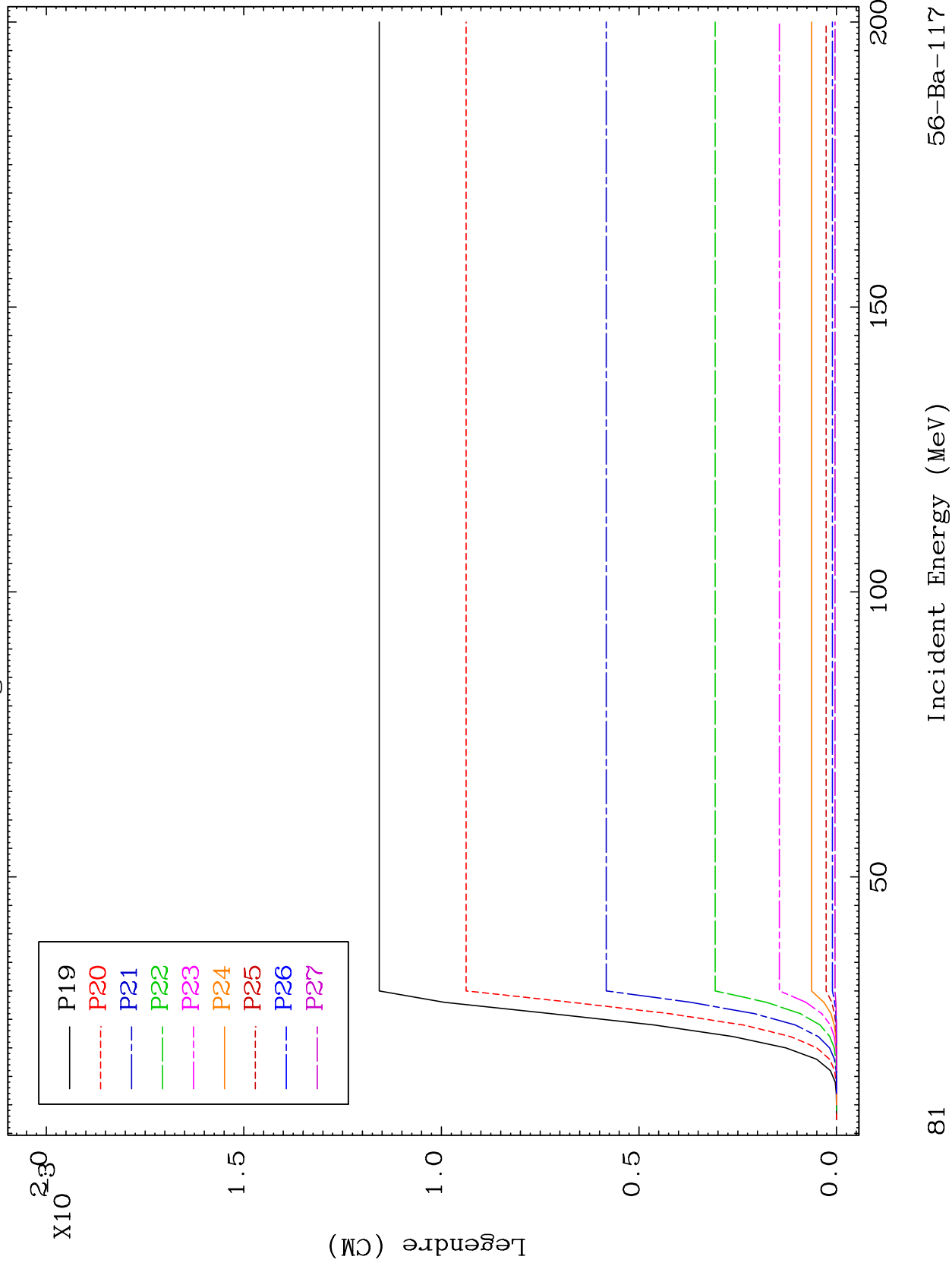
Incident Energy (MeV)

80

MAT 5586

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

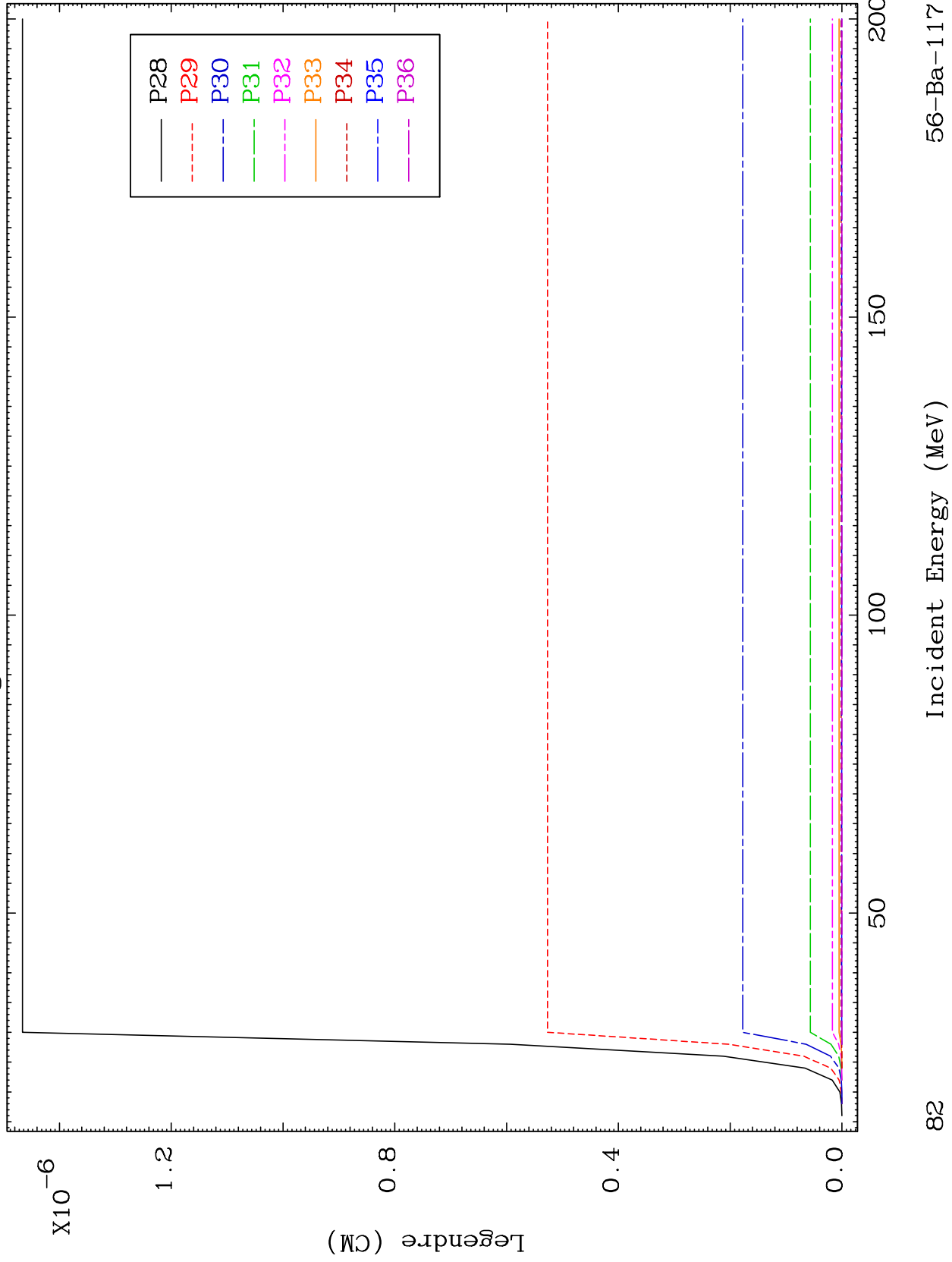
56-Ba-117



MAT 5586

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

56-Ba-117



82

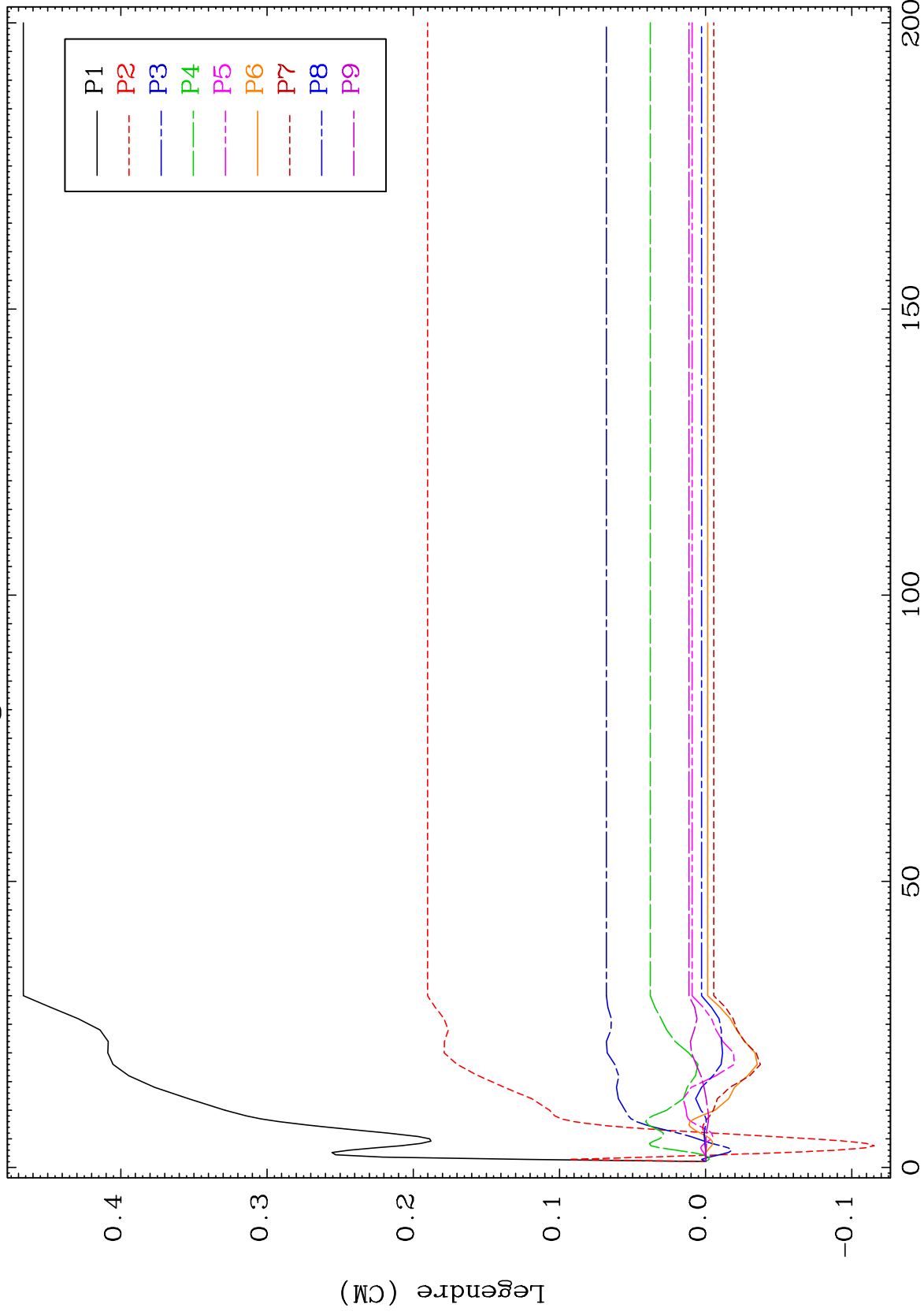
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



83

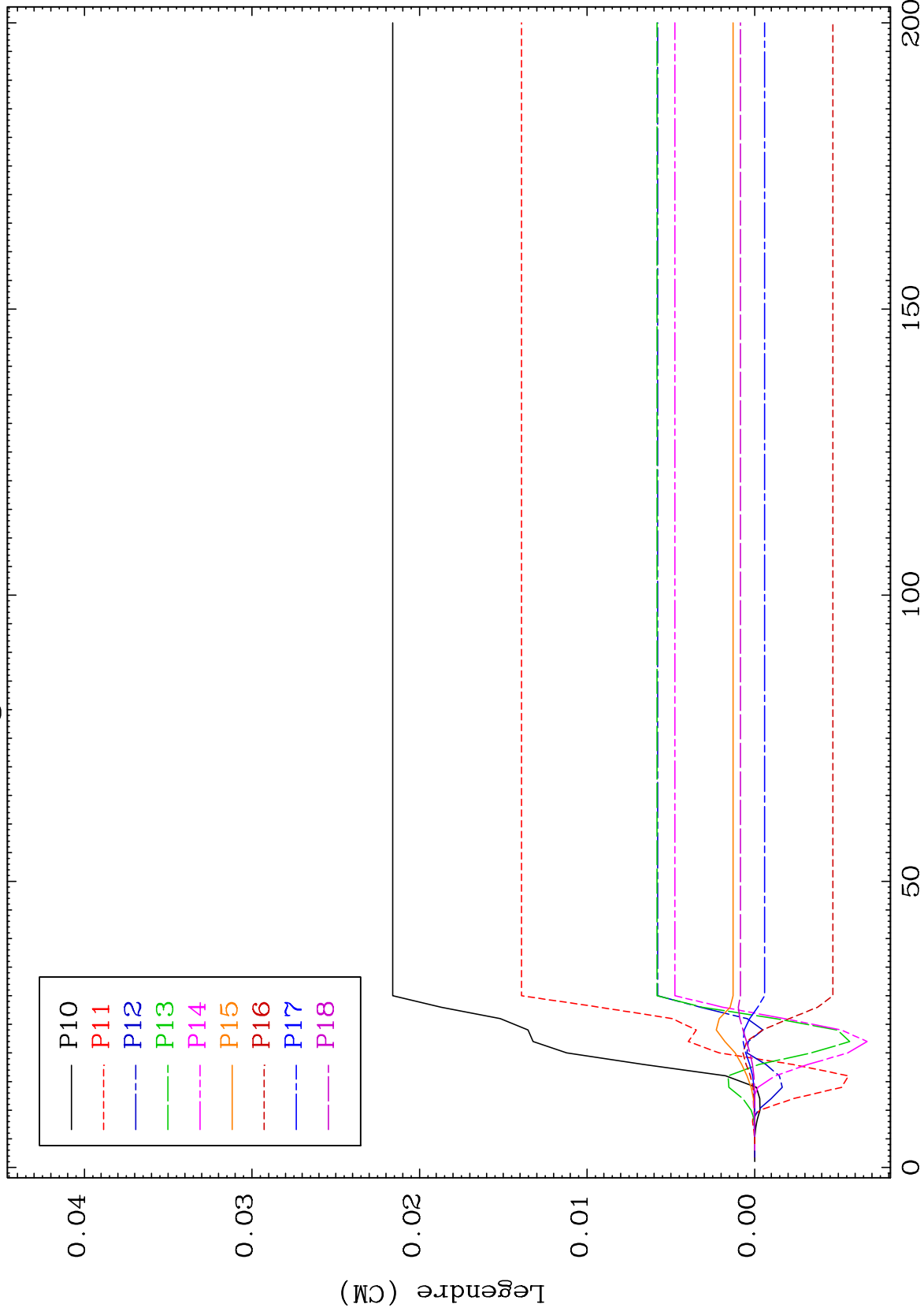
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



84

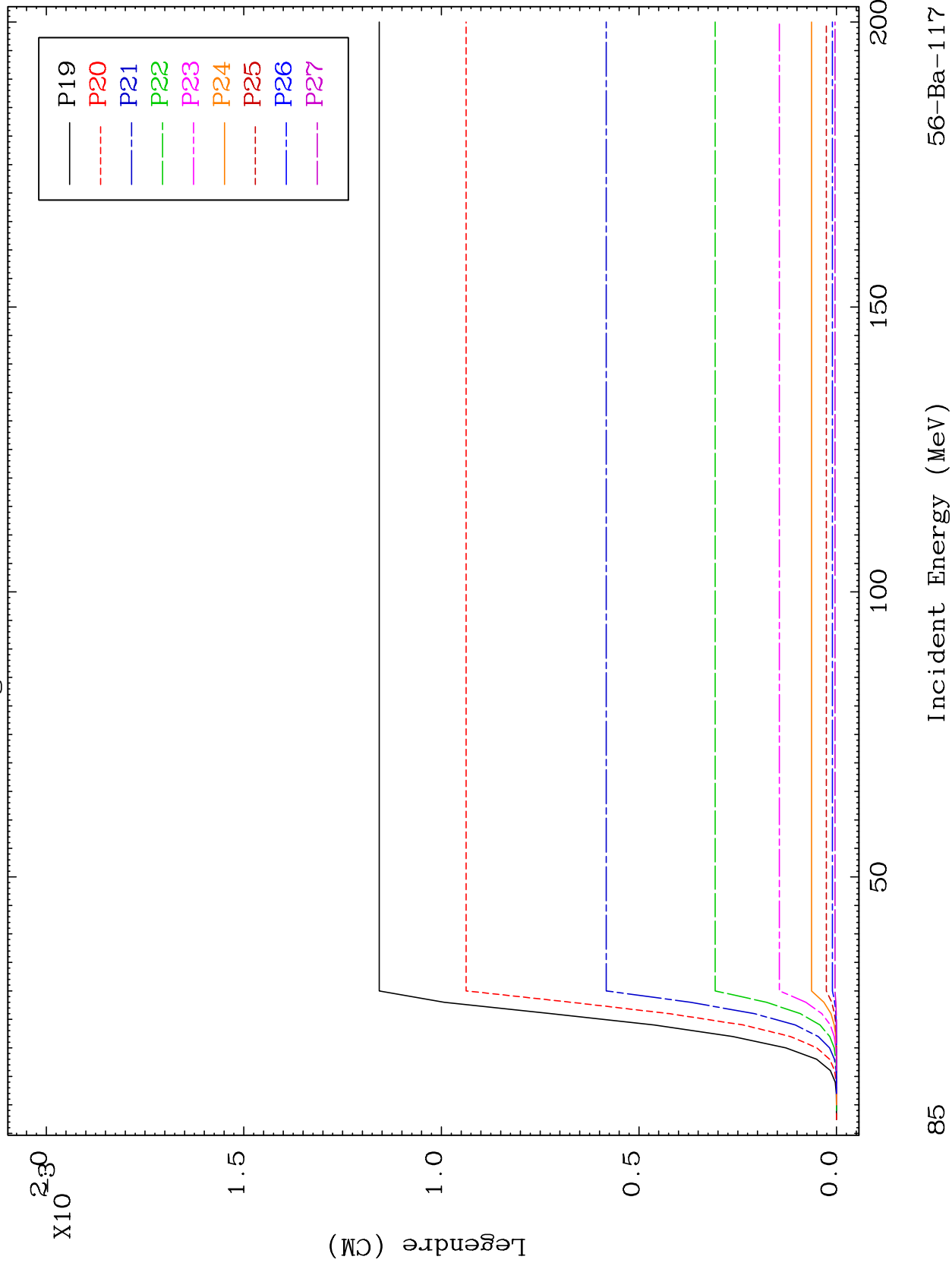
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

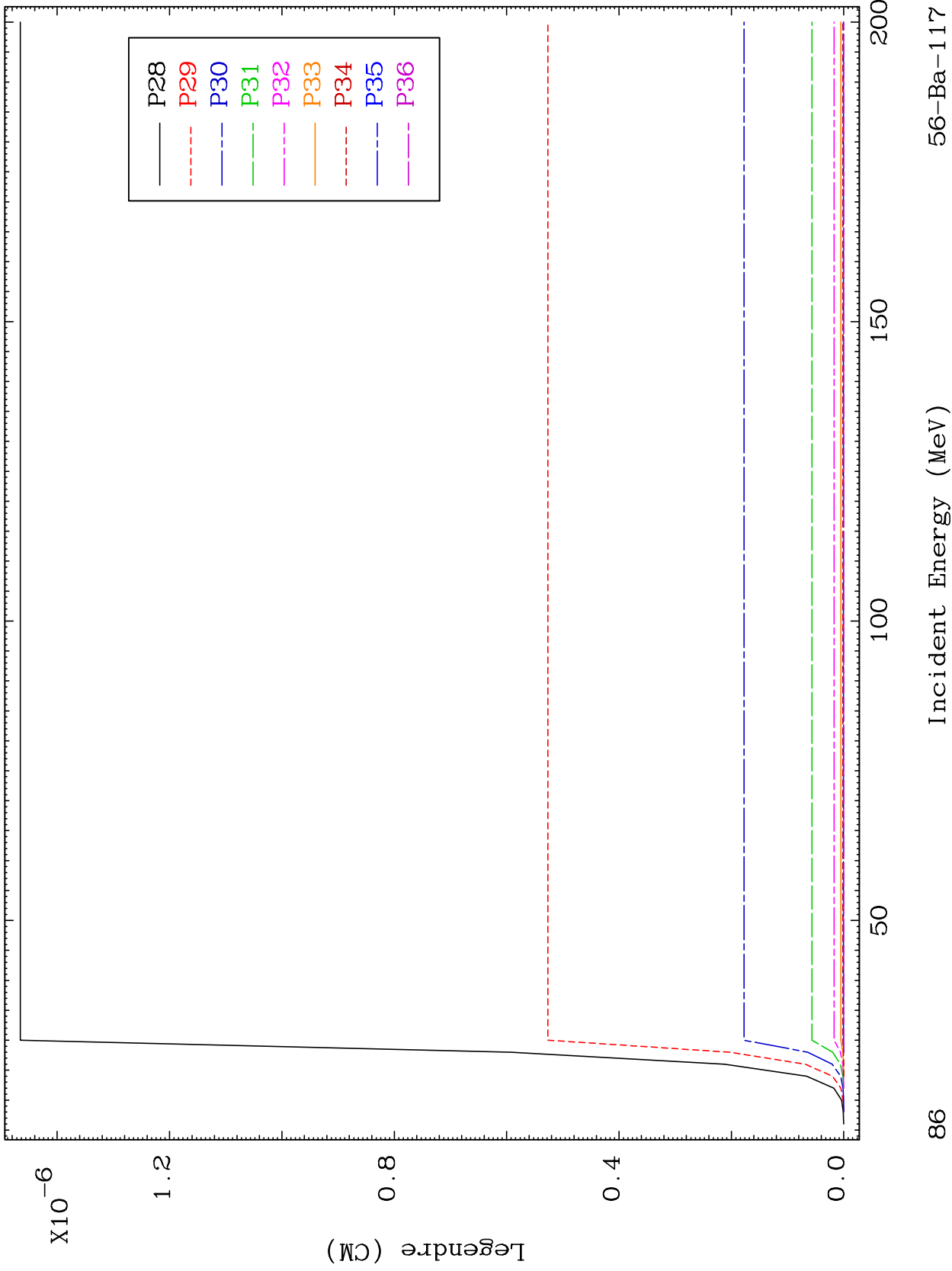
56-Ba-117



MAT 5586

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

56-Ba-117



86

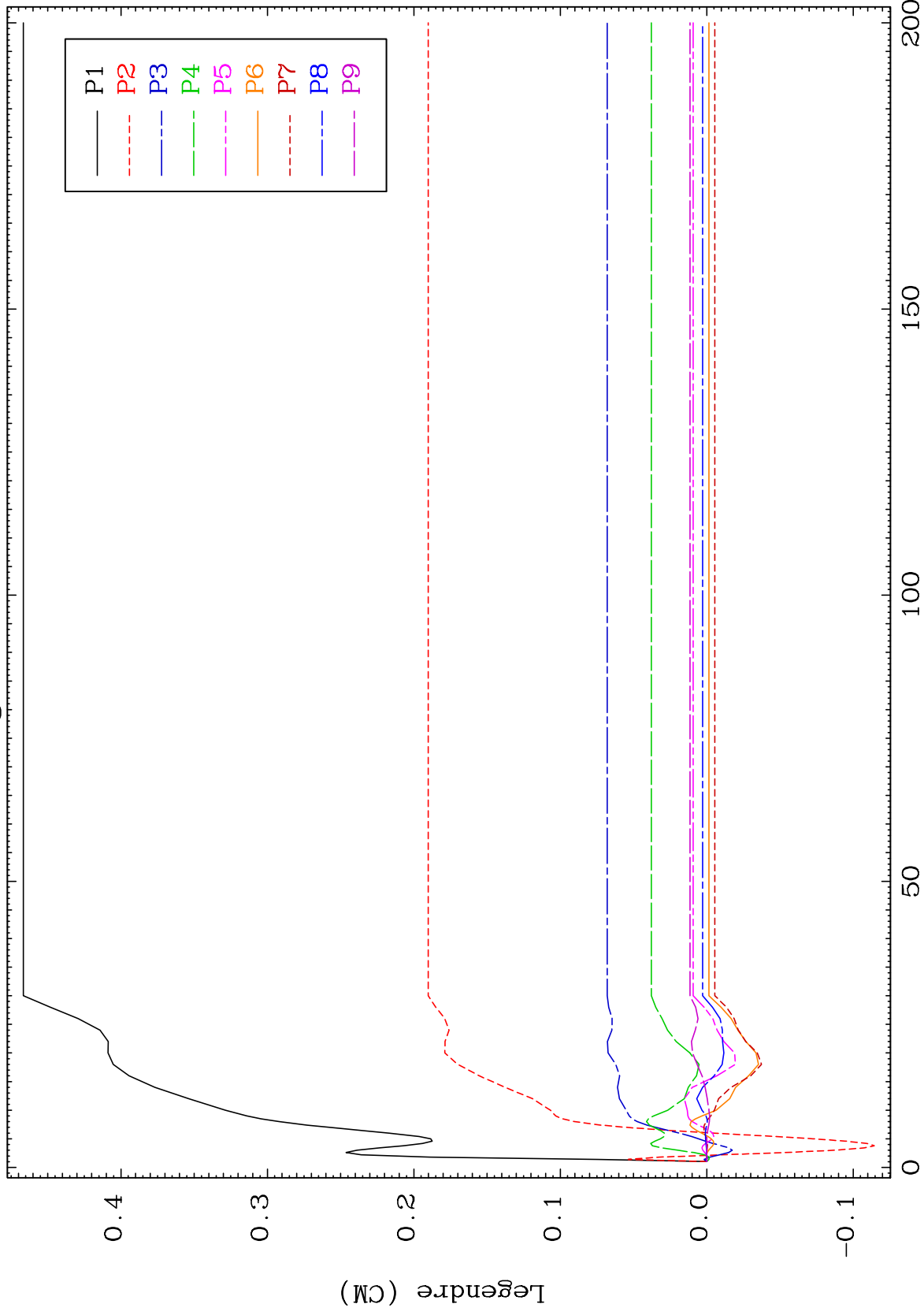
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



87

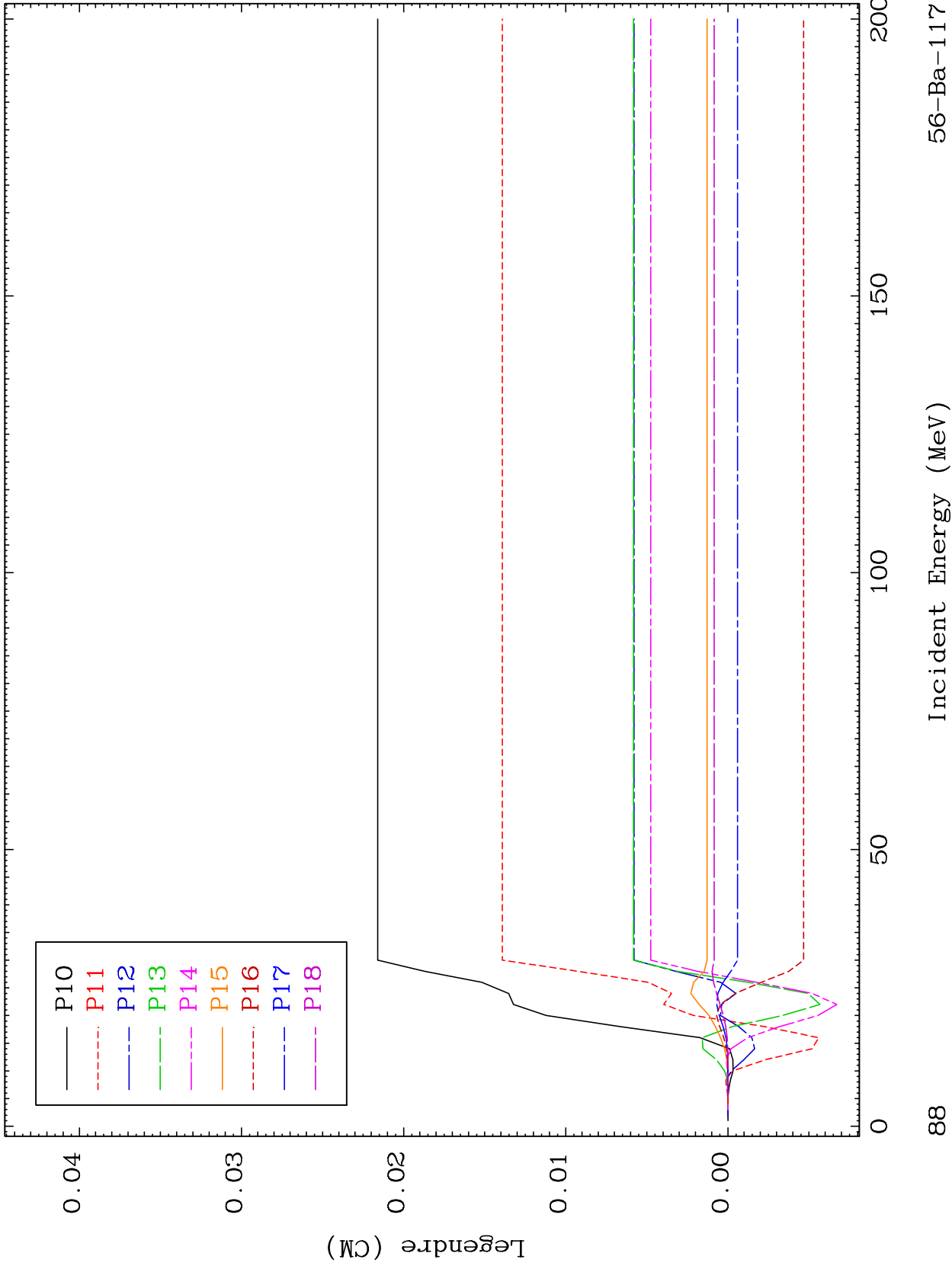
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

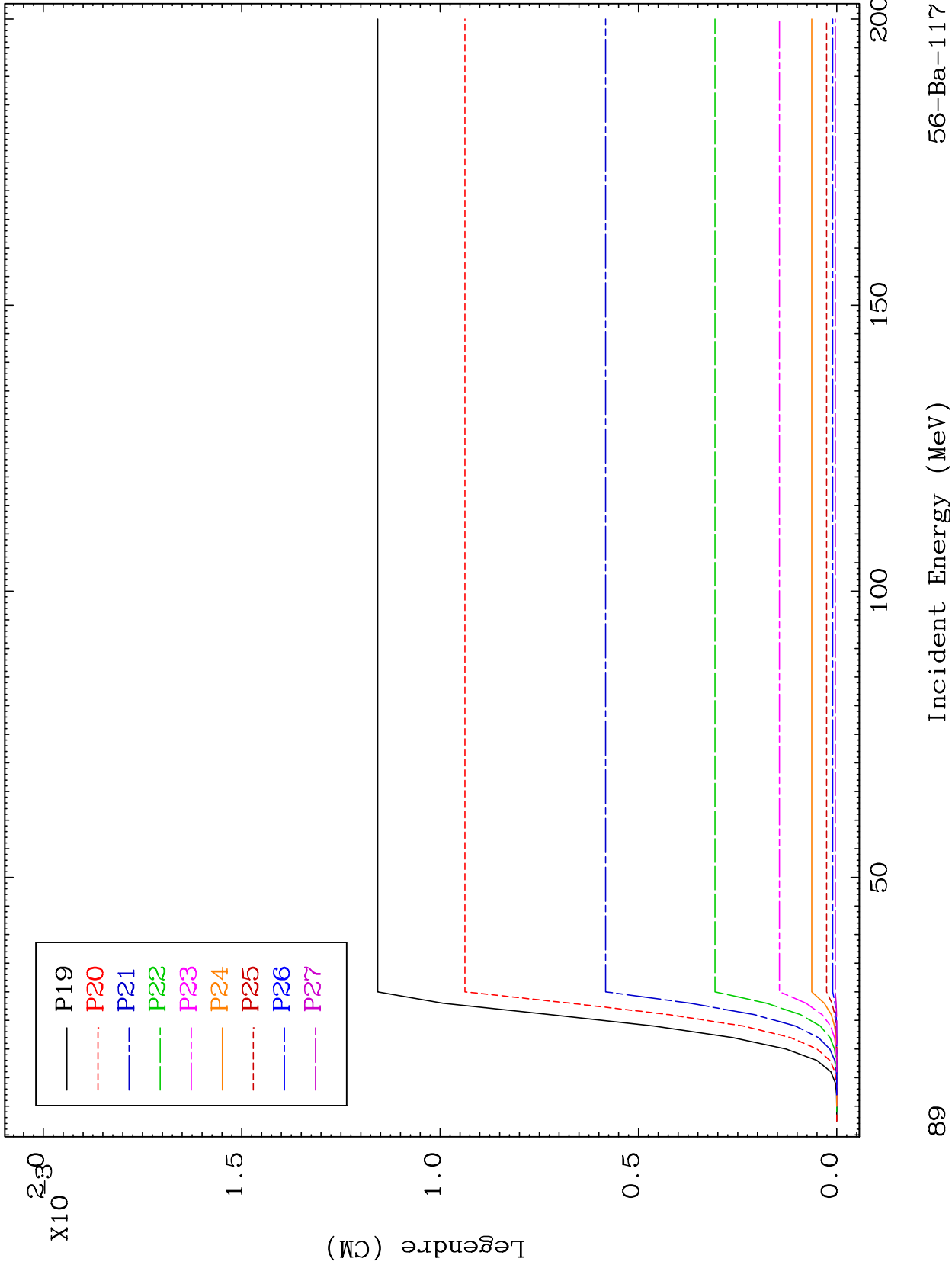
56-Ba-117



88

Incident Energy (MeV)

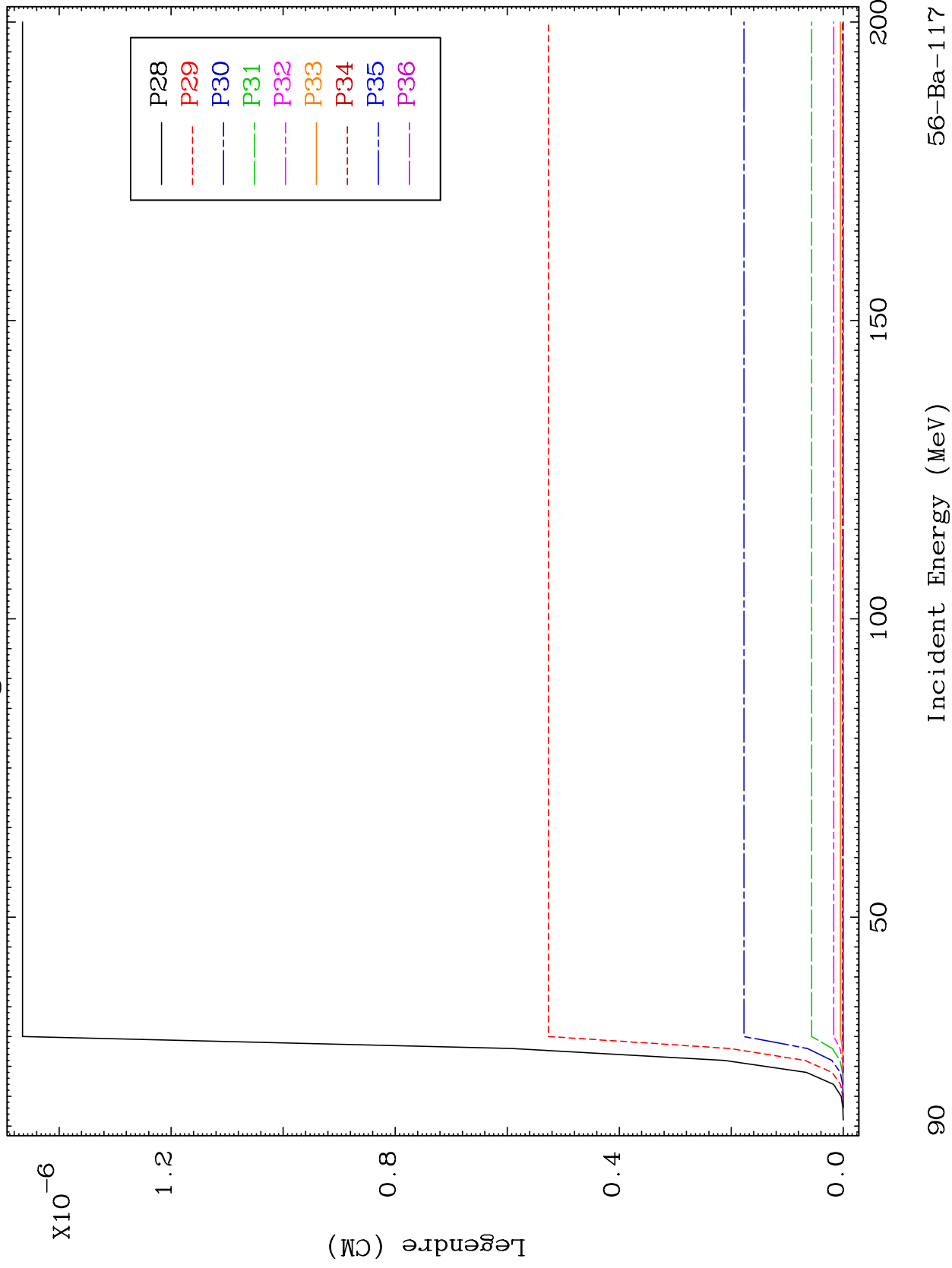
56-Ba-117



MAT 5586

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

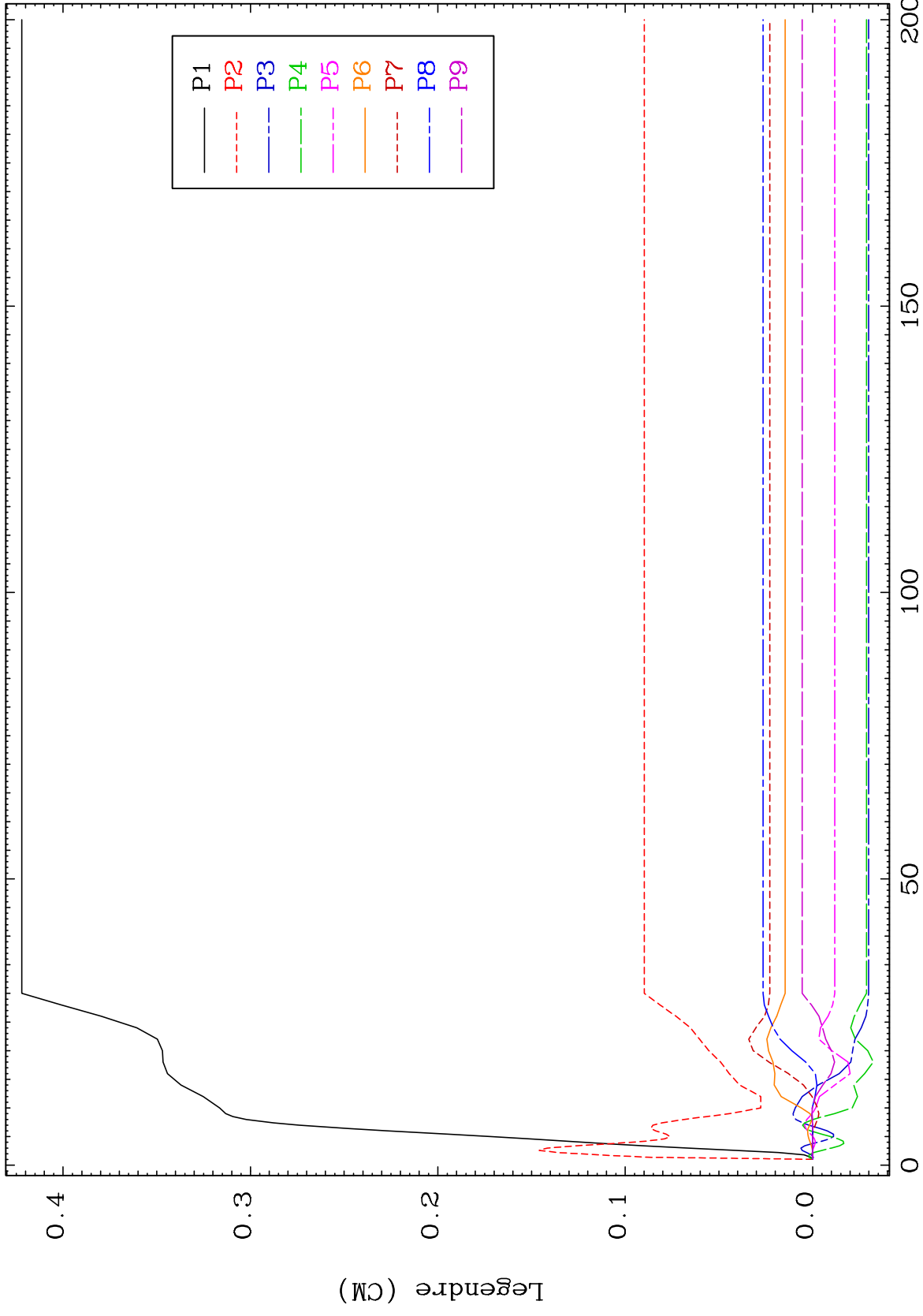
56-Ba-117



MAT 5586

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

56-Ba-117



91

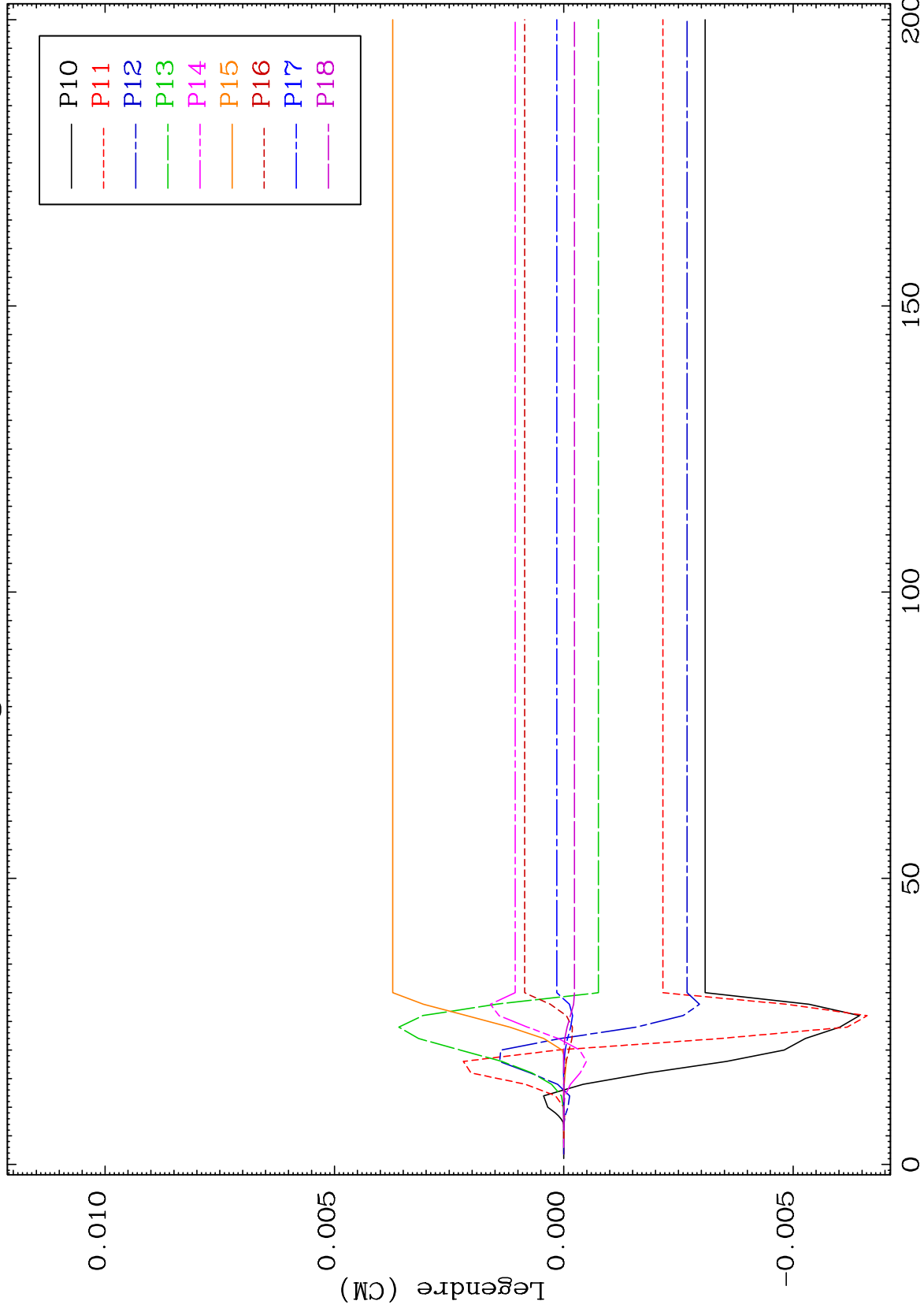
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

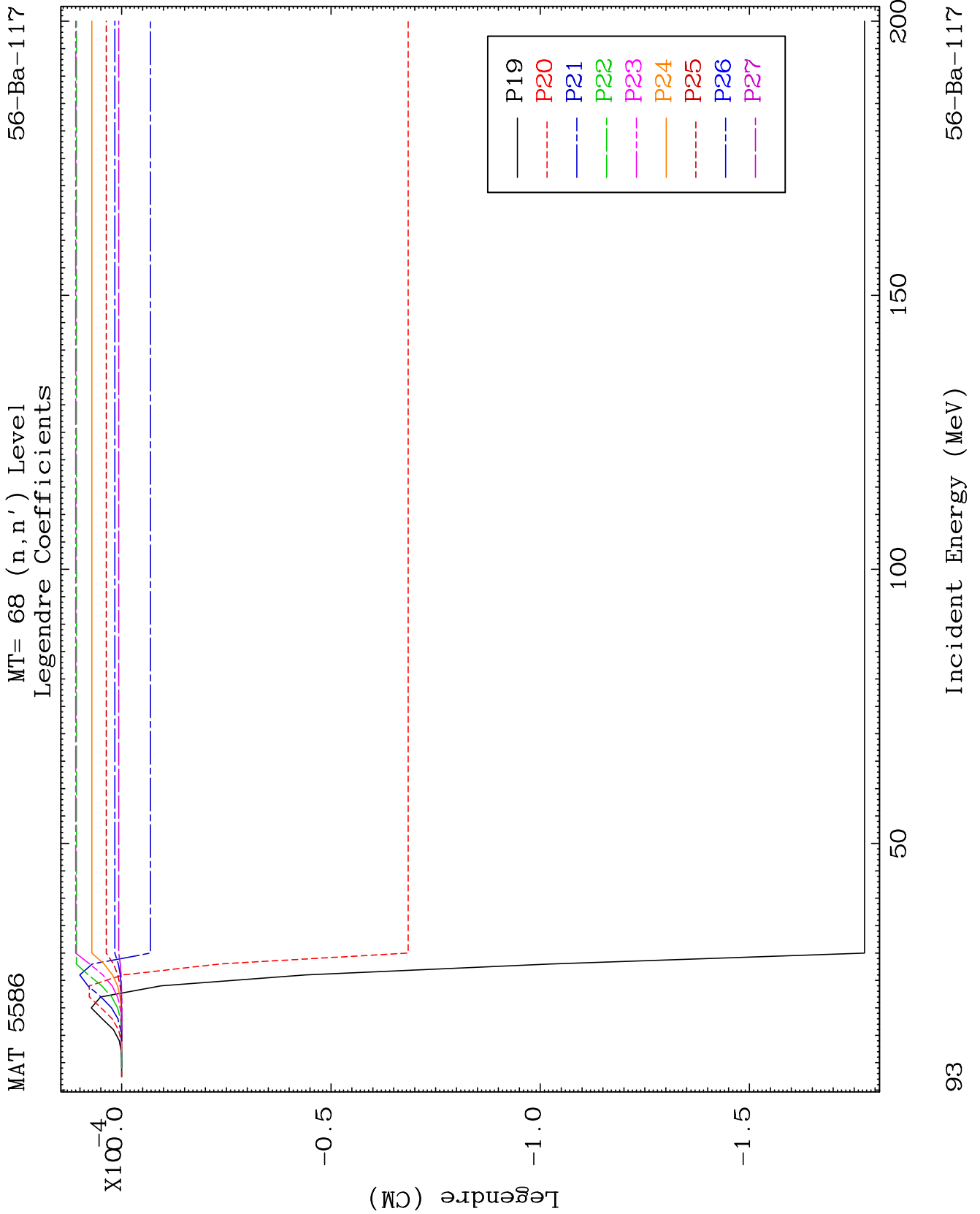
56-Ba-117



92

Incident Energy (MeV)

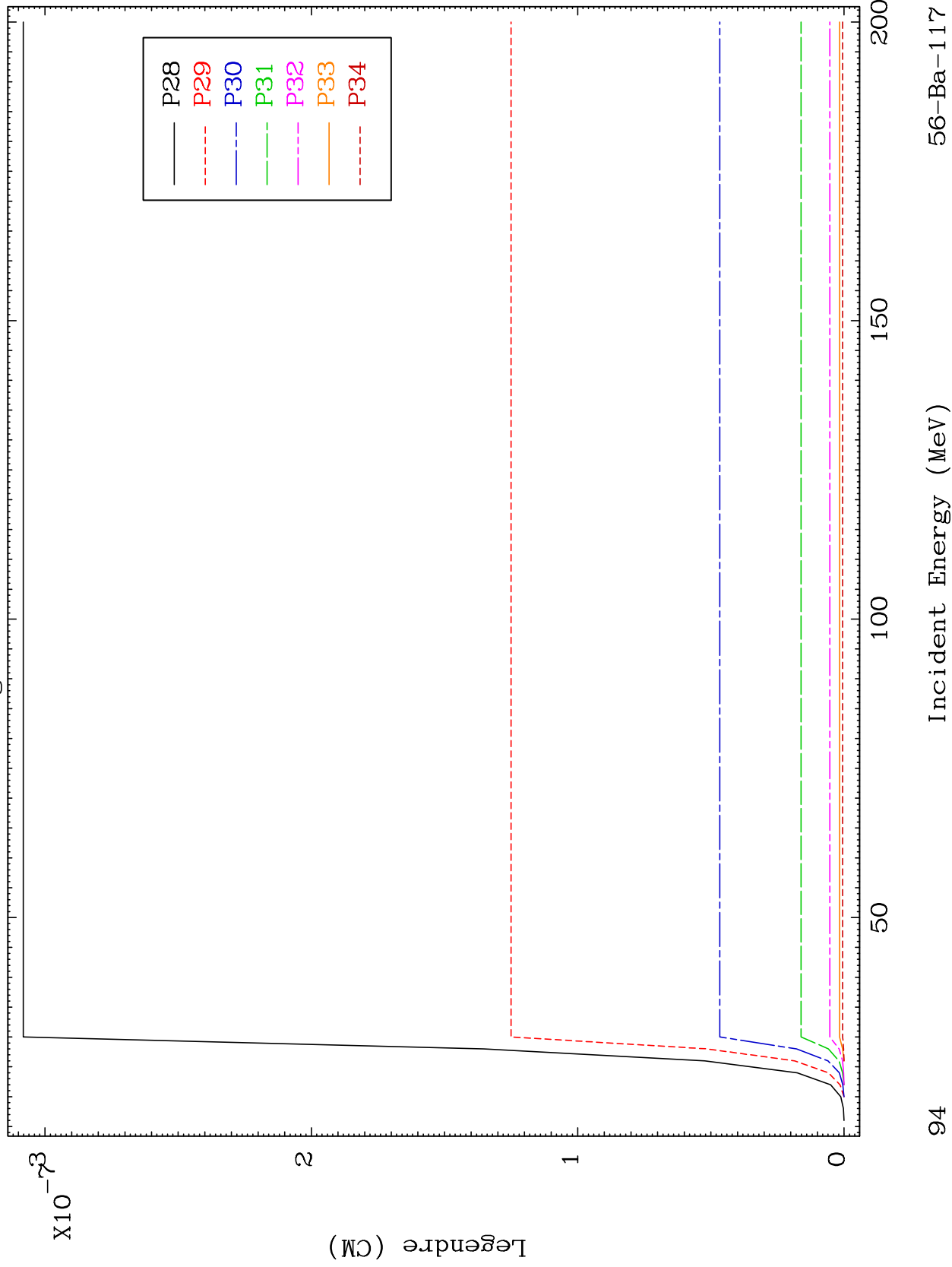
56-Ba-117



MAT 5586

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

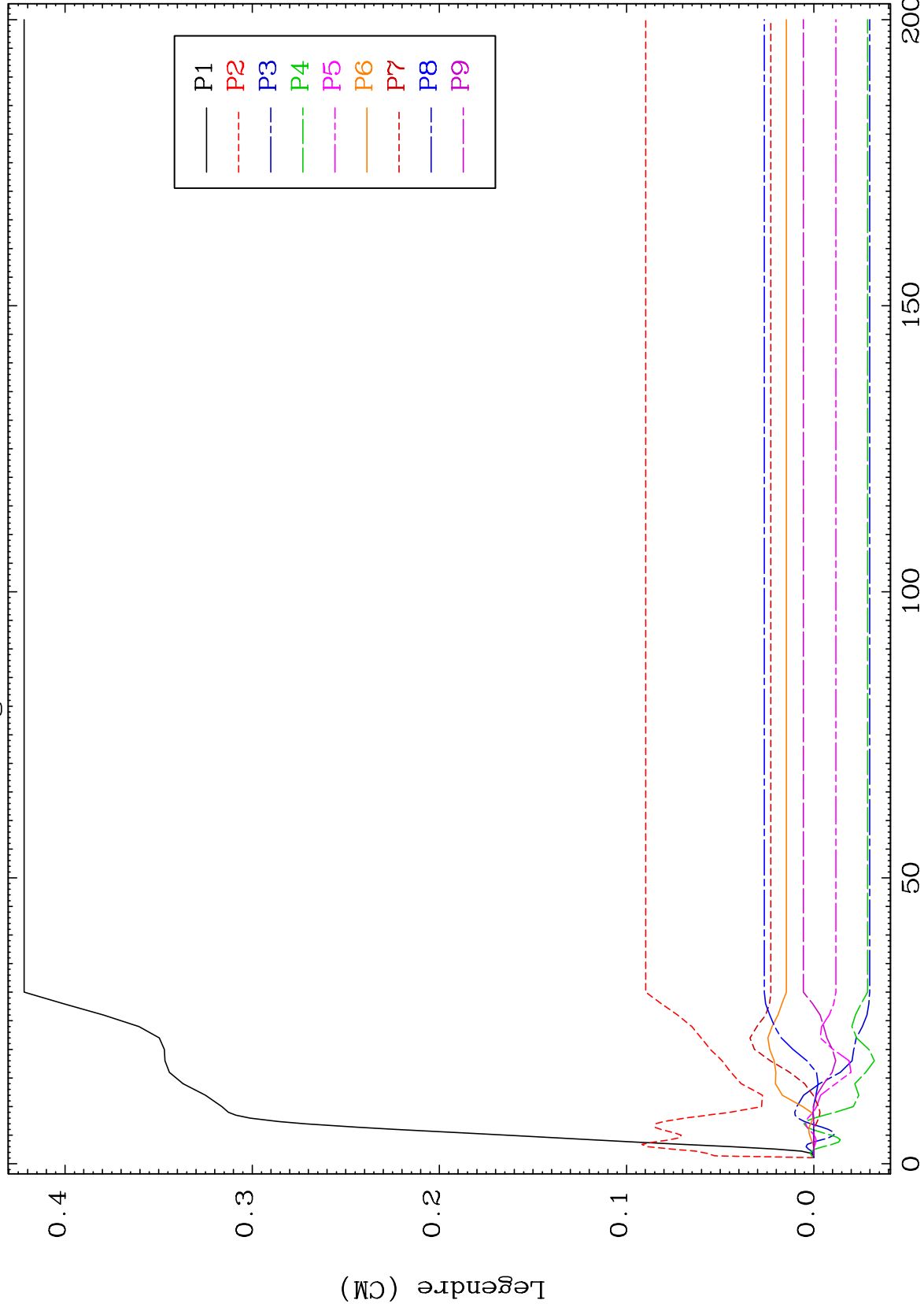
56-Ba-117



MAT 5586

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

56-Ba-117



95

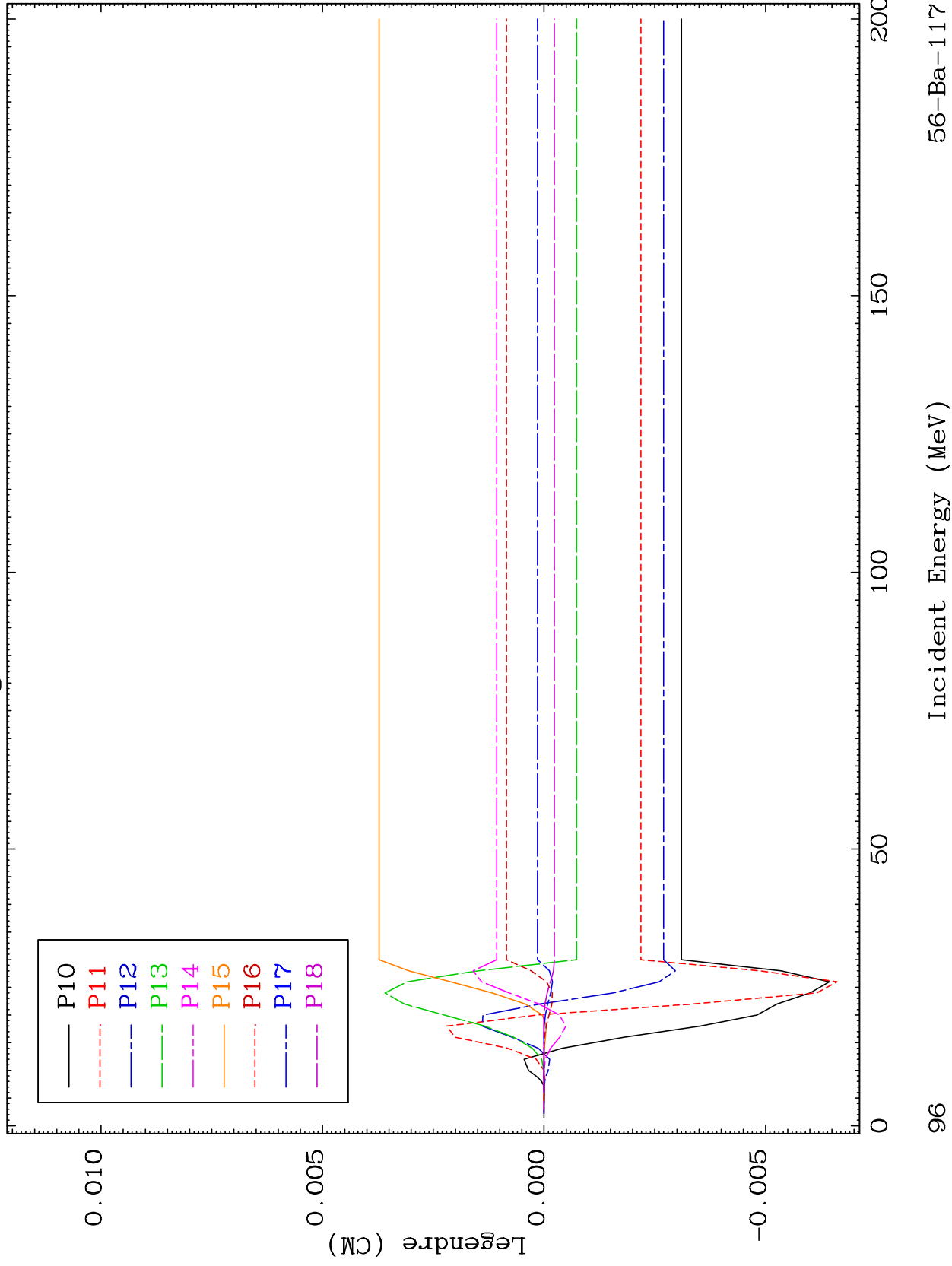
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

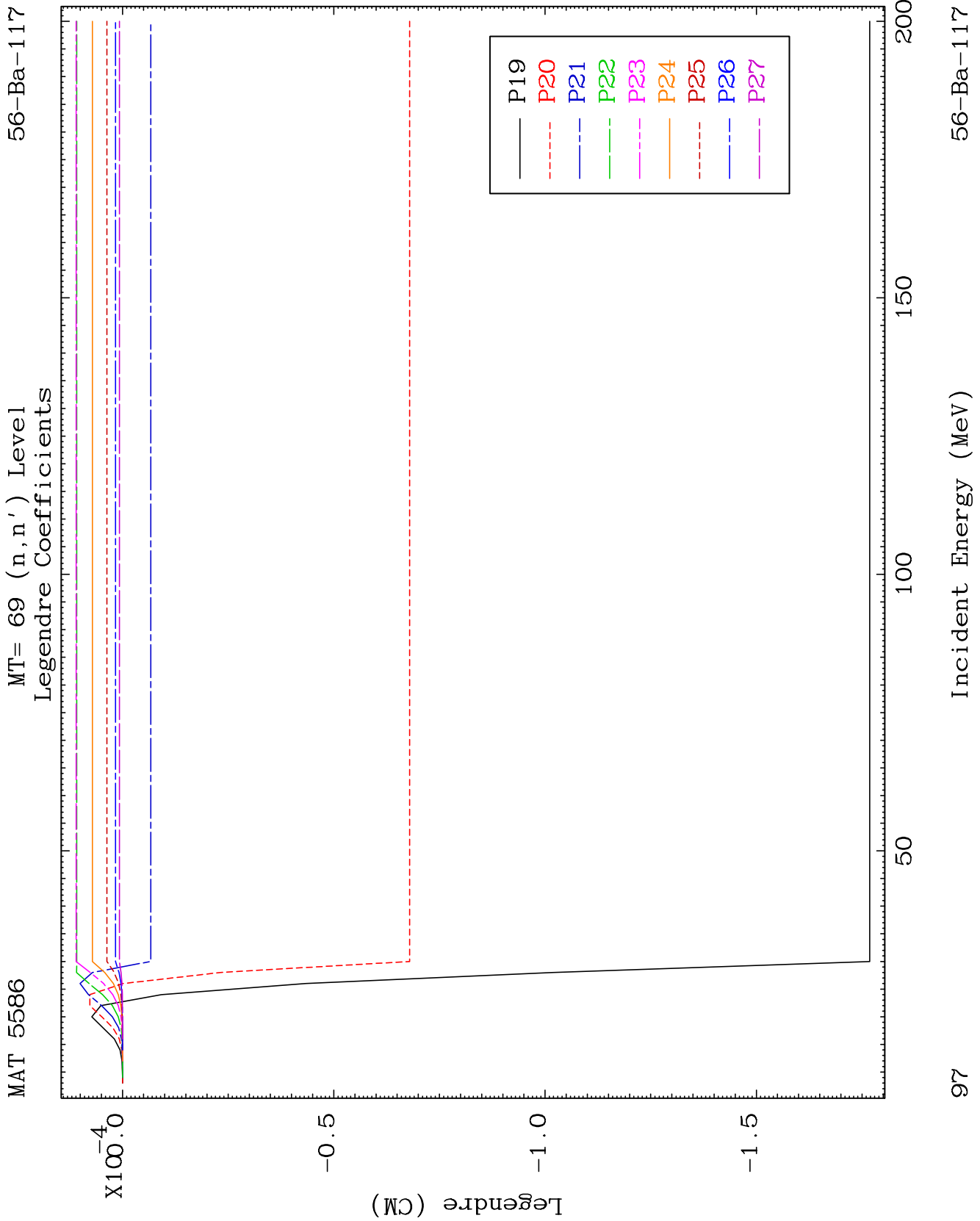
56-Ba-117



56-Ba-117

Incident Energy (MeV)

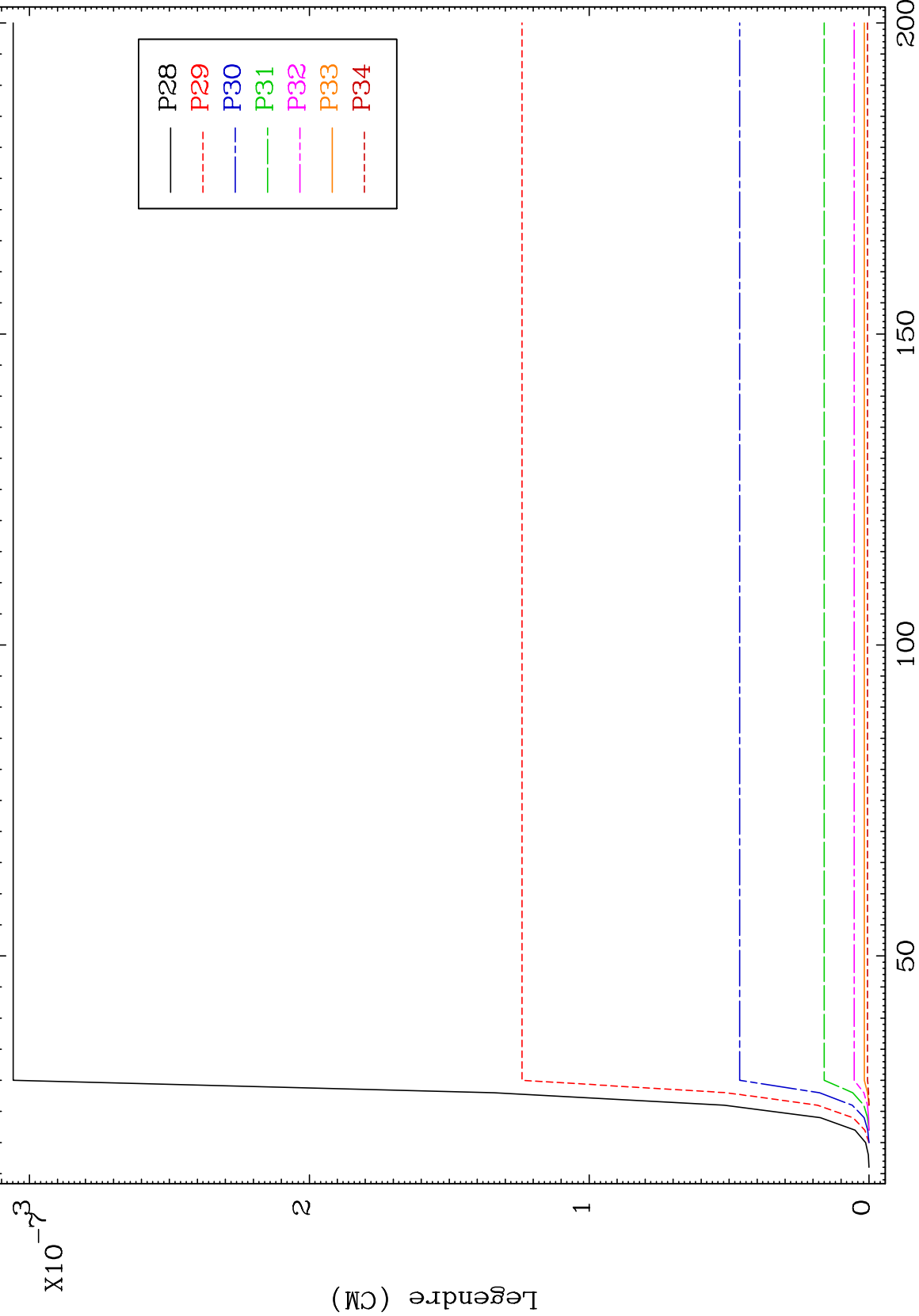
96



MAT 5586

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

56-Ba-117



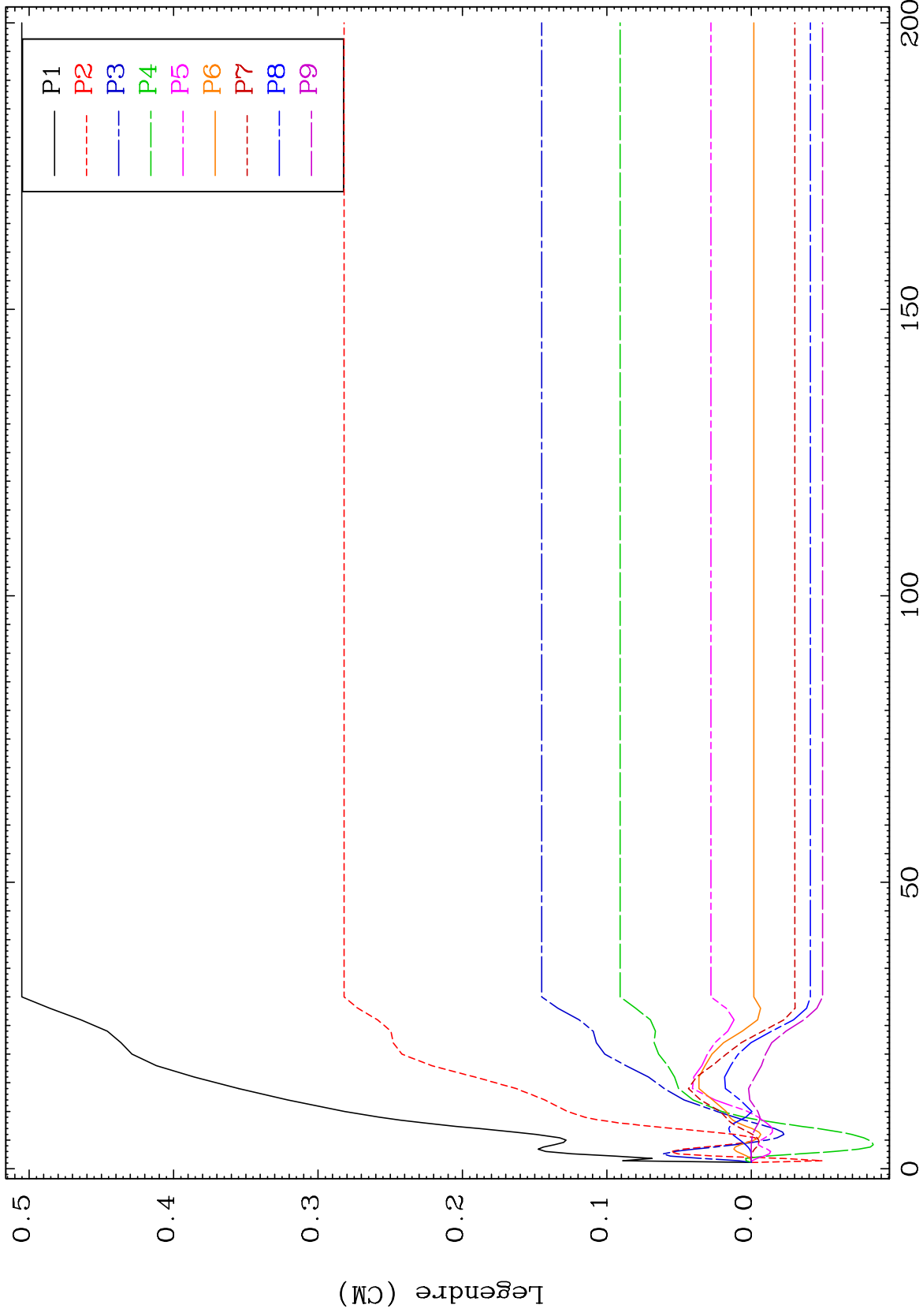
98

56-Ba-117

MAT 5586

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

56-Ba-117



99

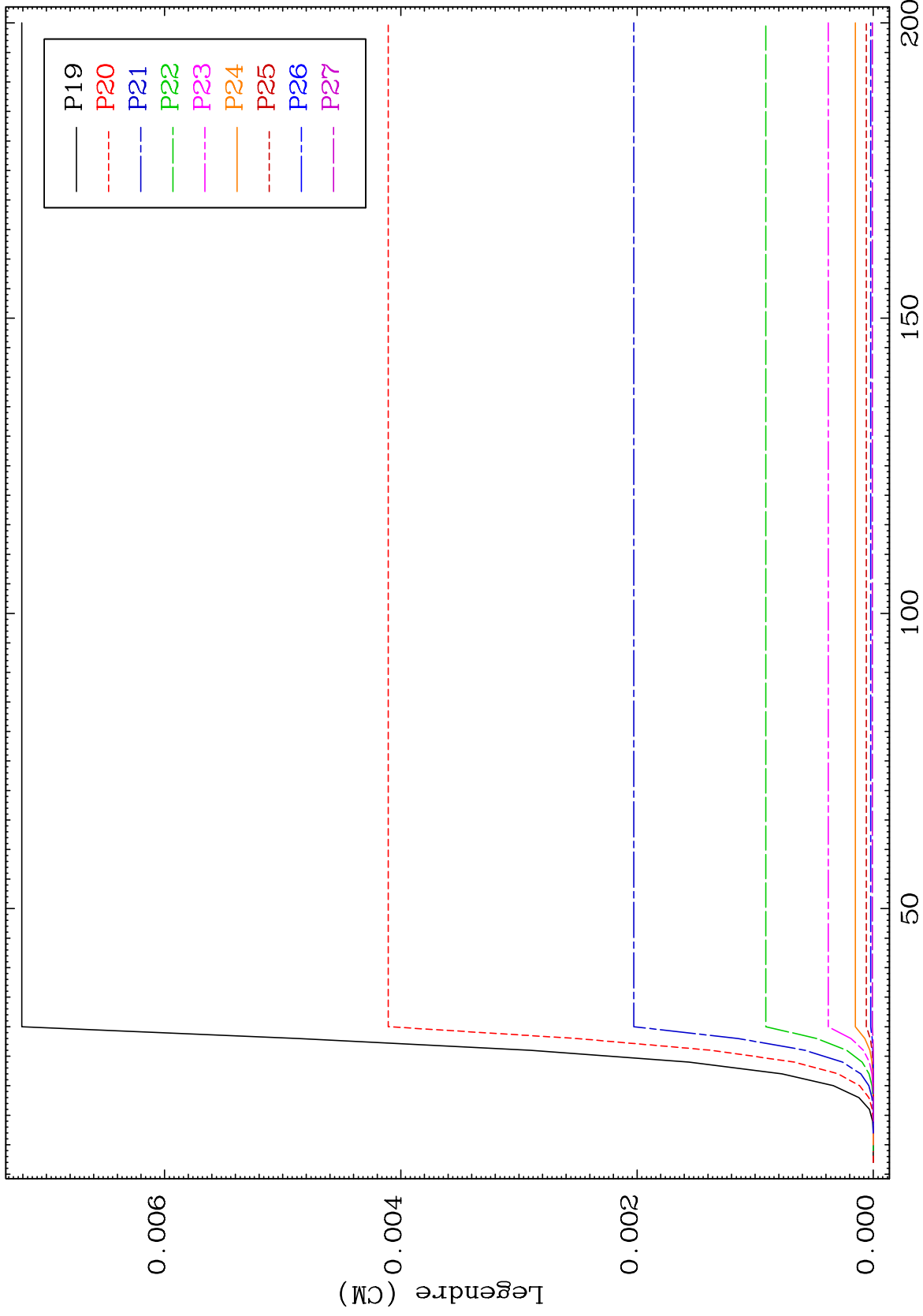
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



101

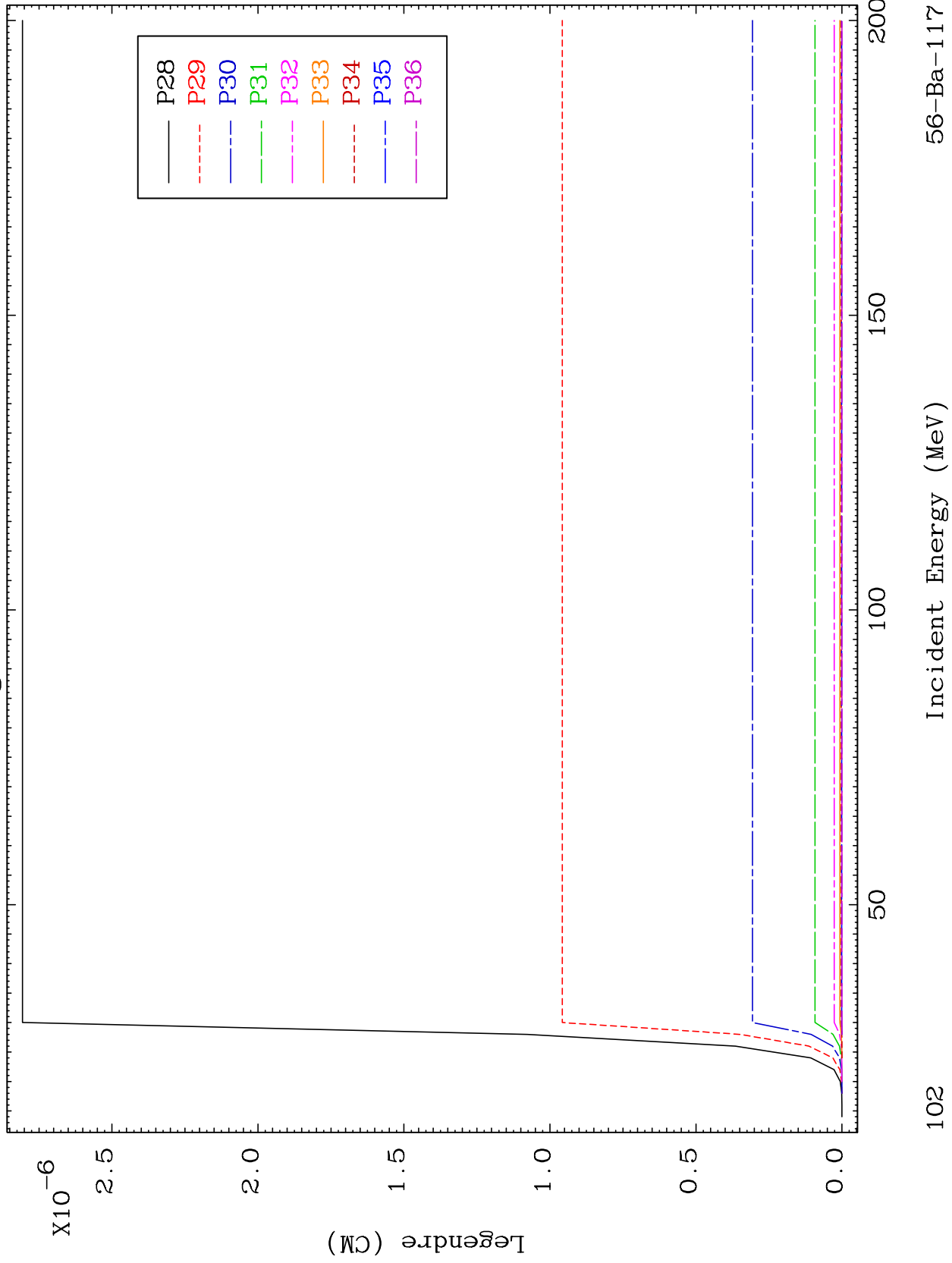
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117

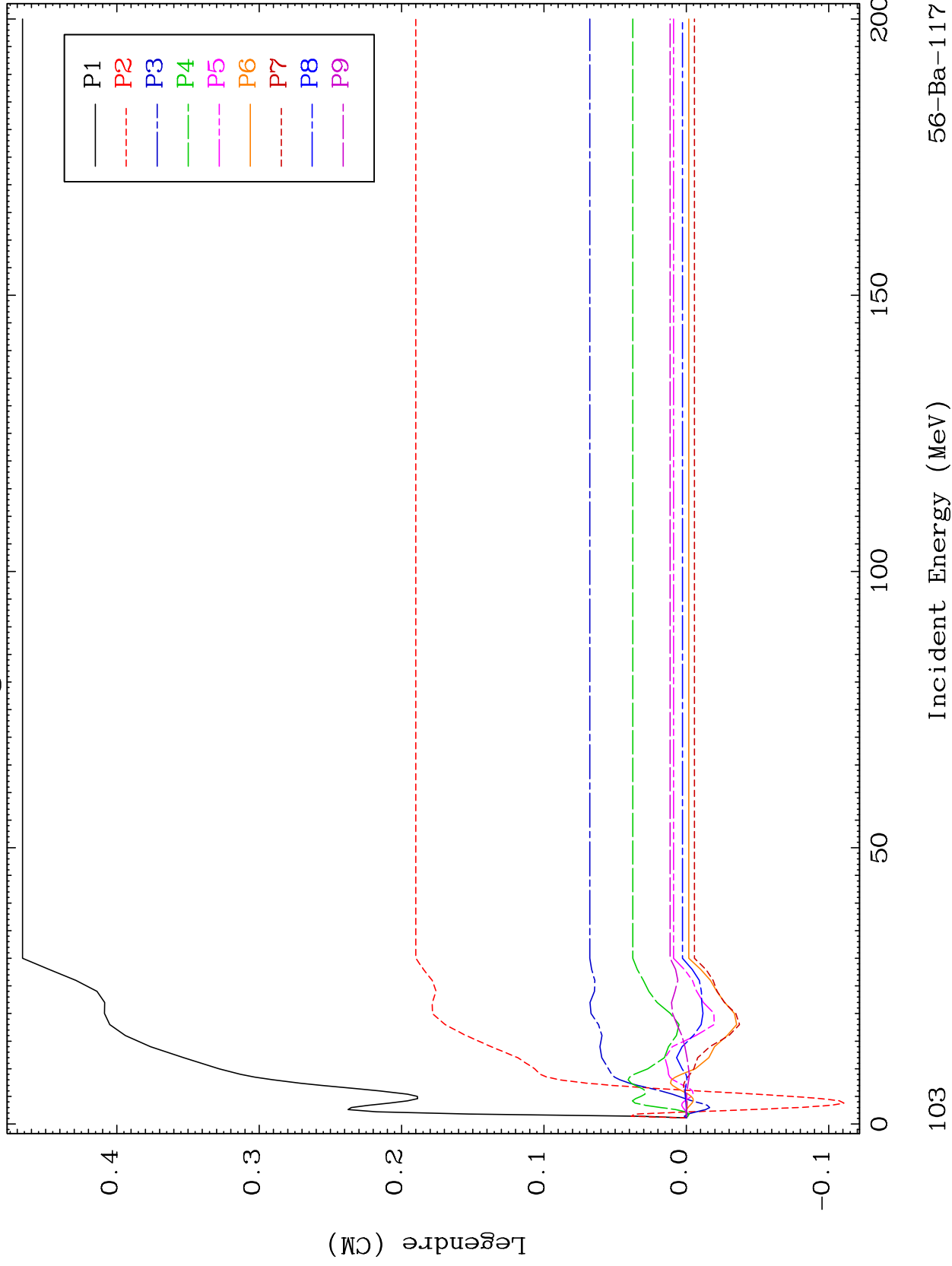


102

MAT 5586

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

56-Ba-117



56-Ba-117

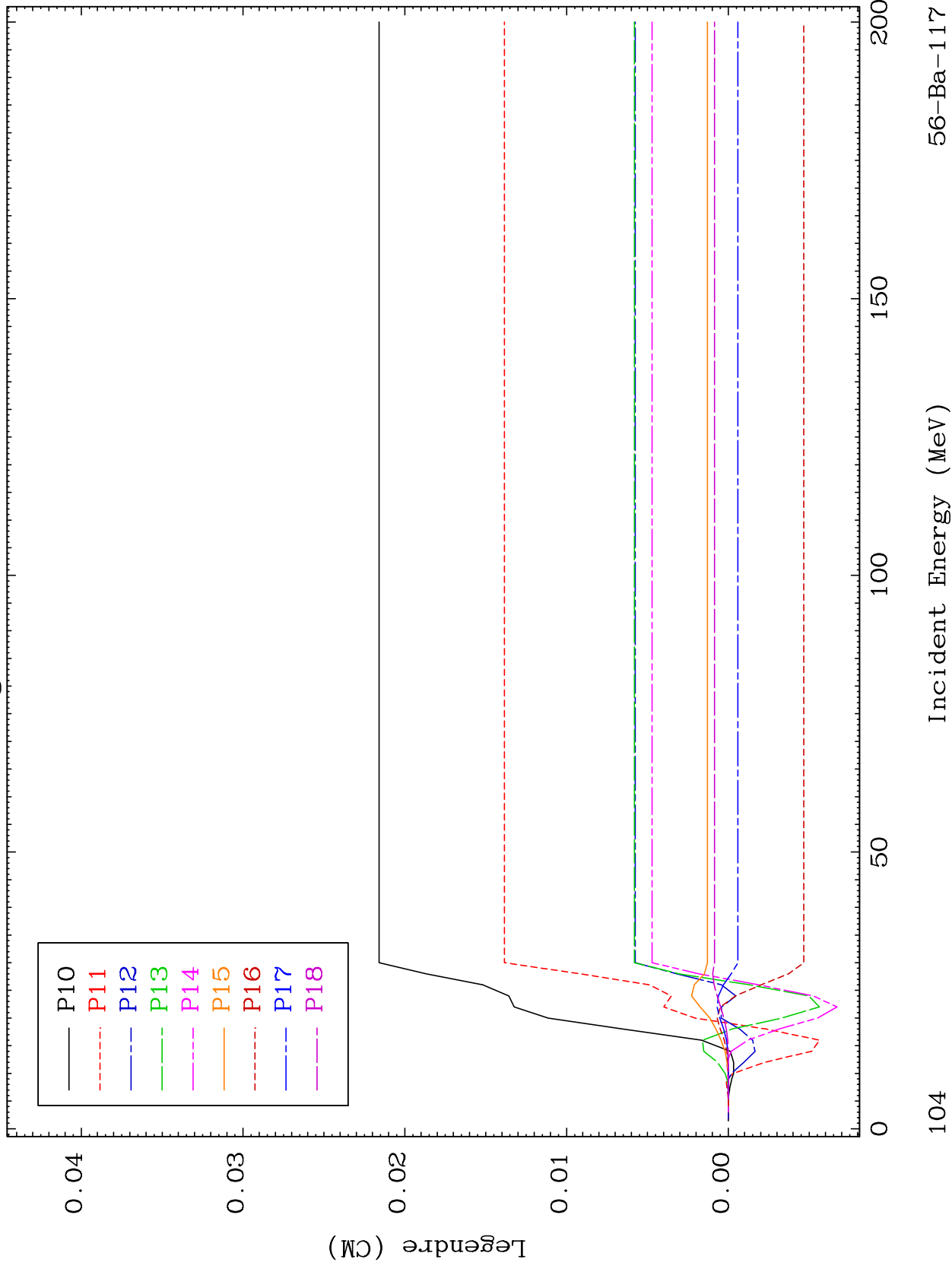
Incident Energy (MeV)

103

MAT 5586

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

56-Ba-117



56-Ba-117

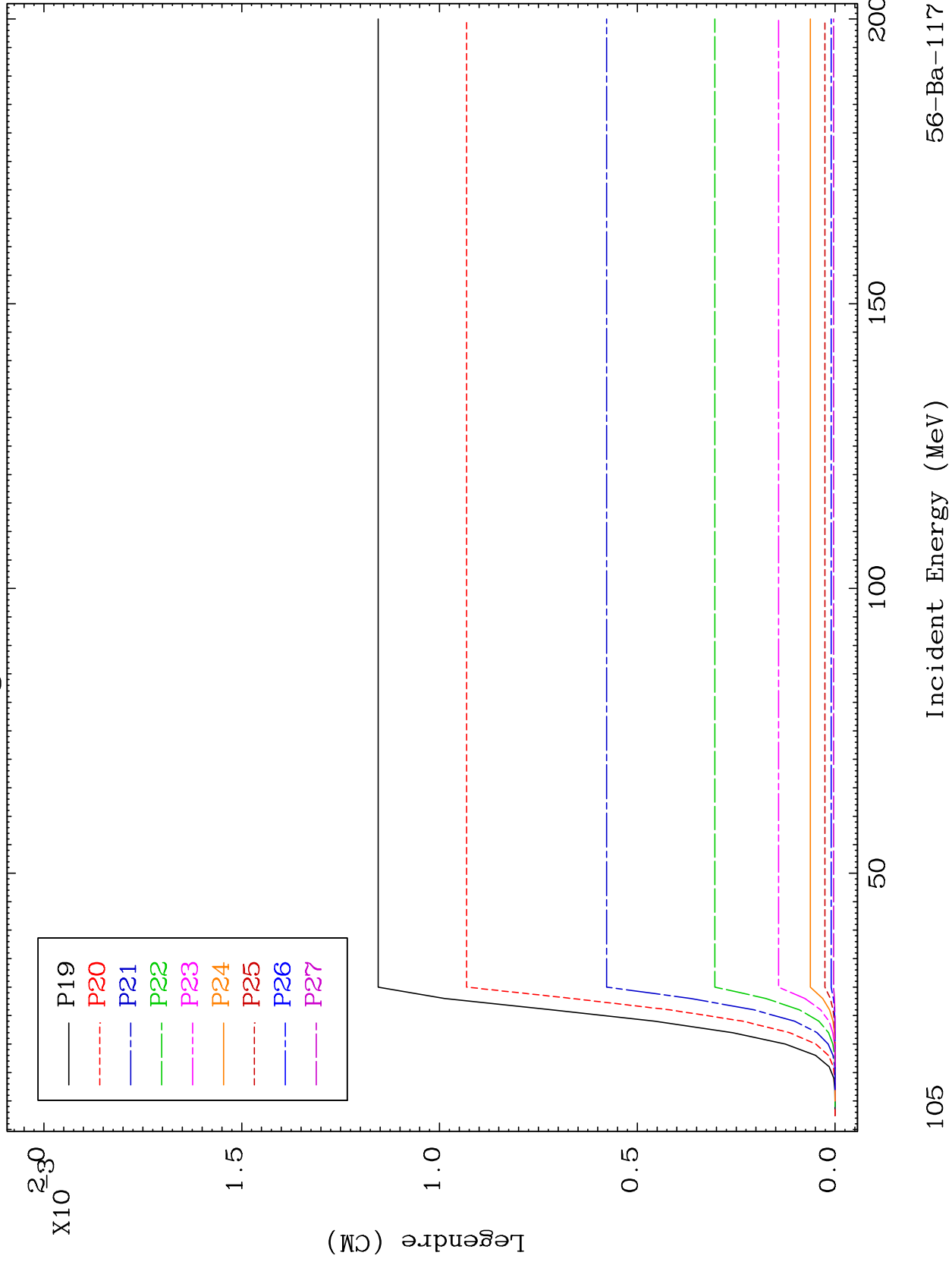
Incident Energy (MeV)

104

MAT 5586

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

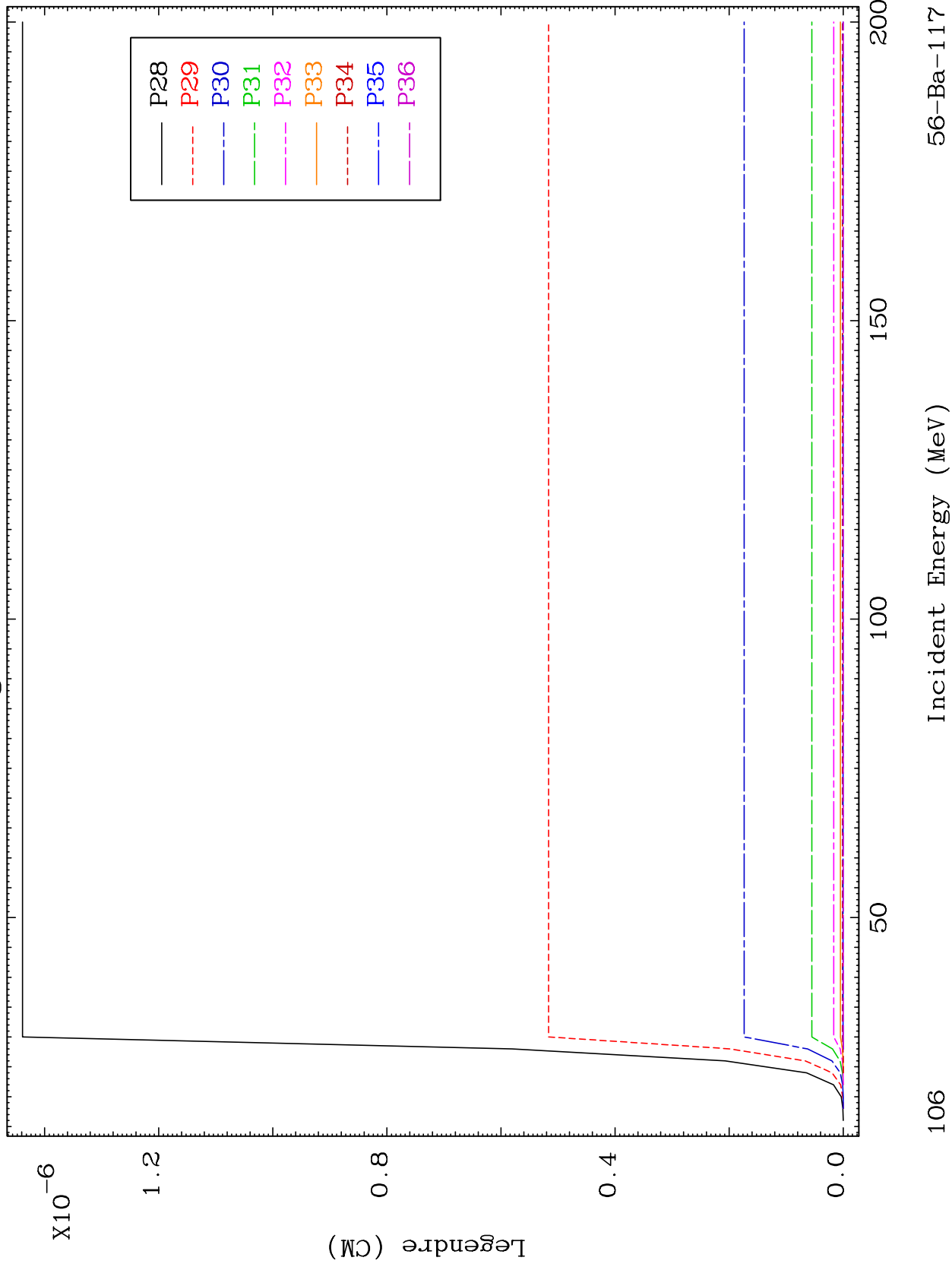
56-Ba-117



MAT 5586

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

56-Ba-117



56-Ba-117

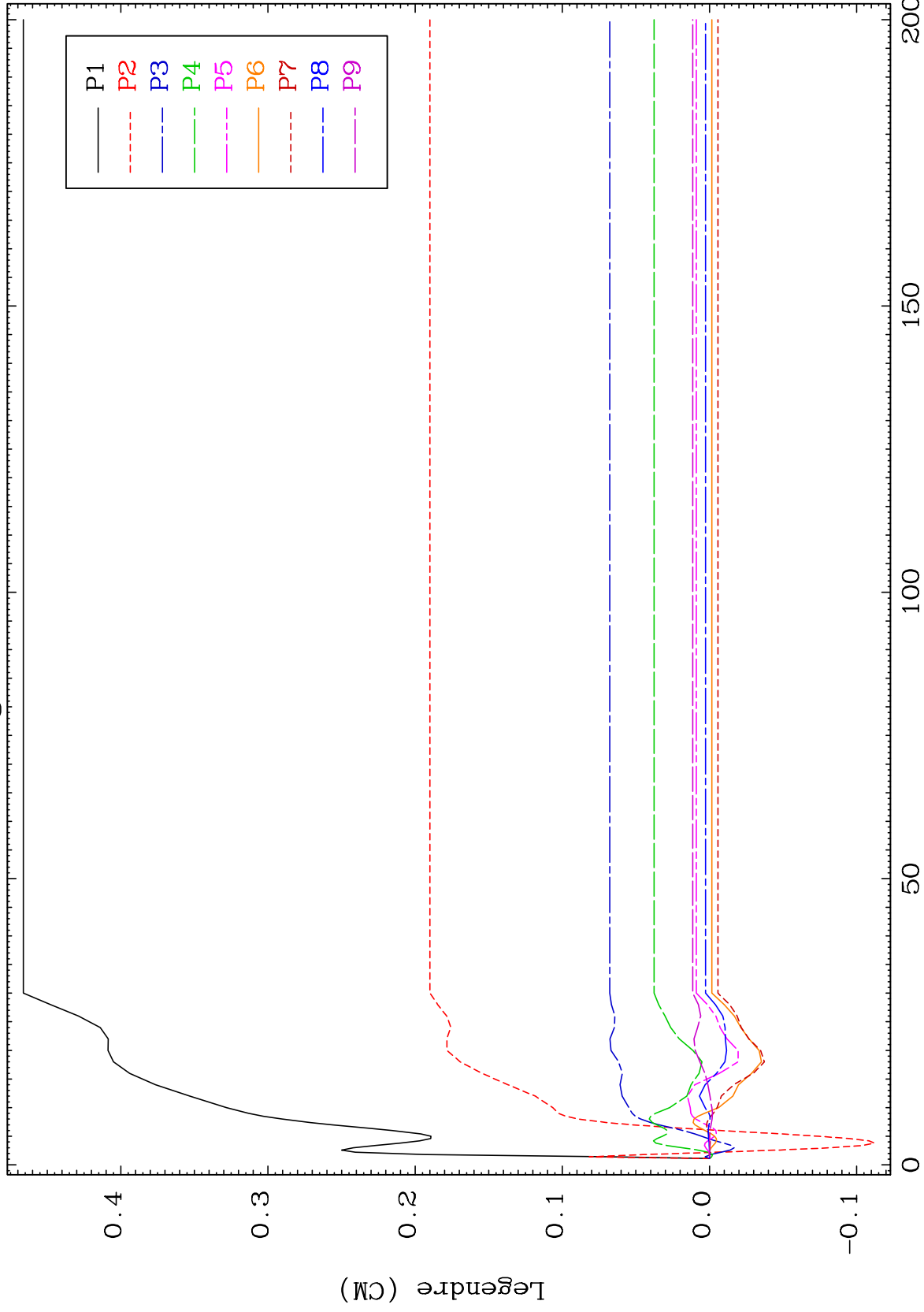
Incident Energy (MeV)

106

MAT 5586

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

56-Ba-117



56-Ba-117

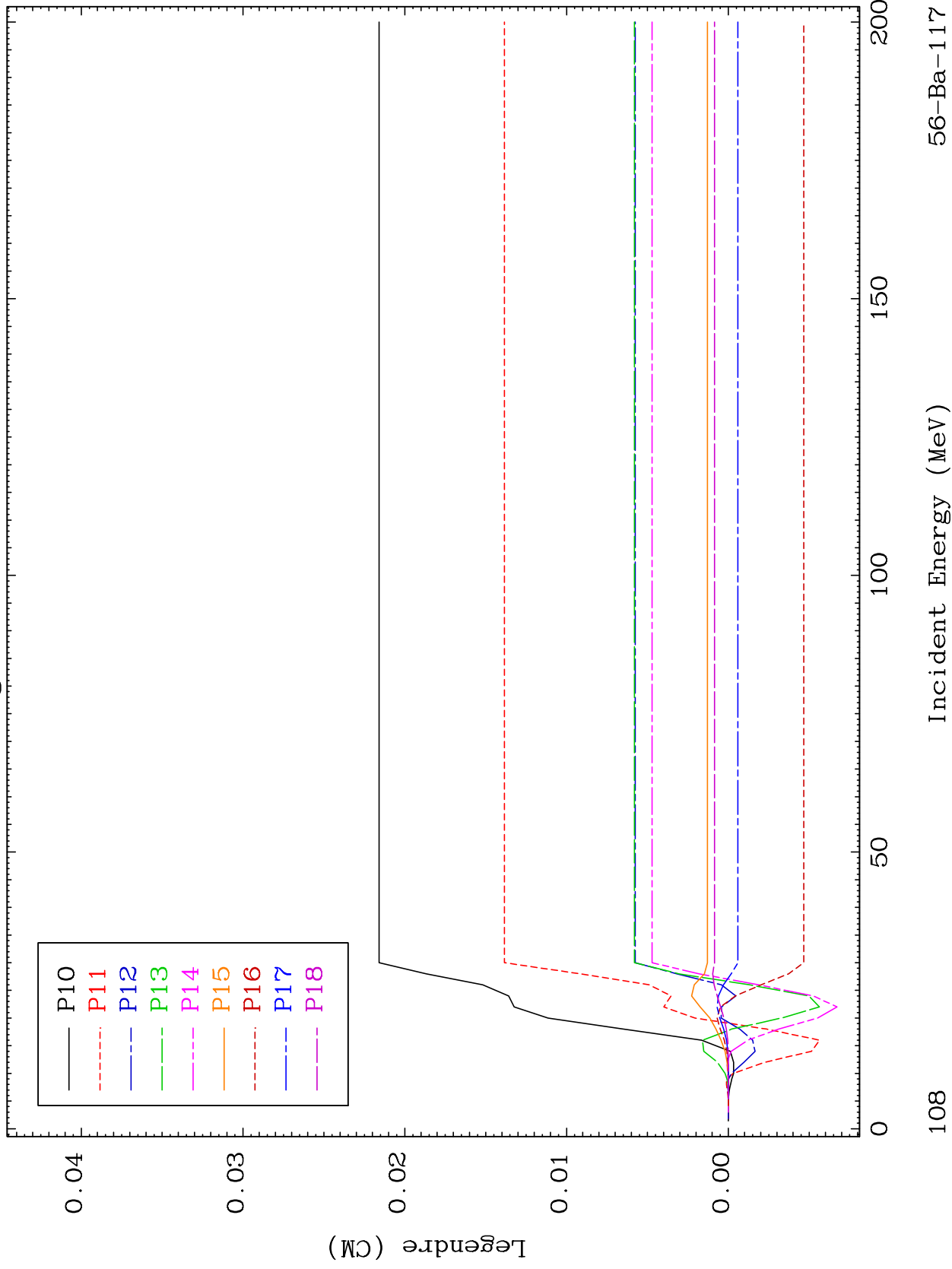
Incident Energy (MeV)

107

MAT 5586

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

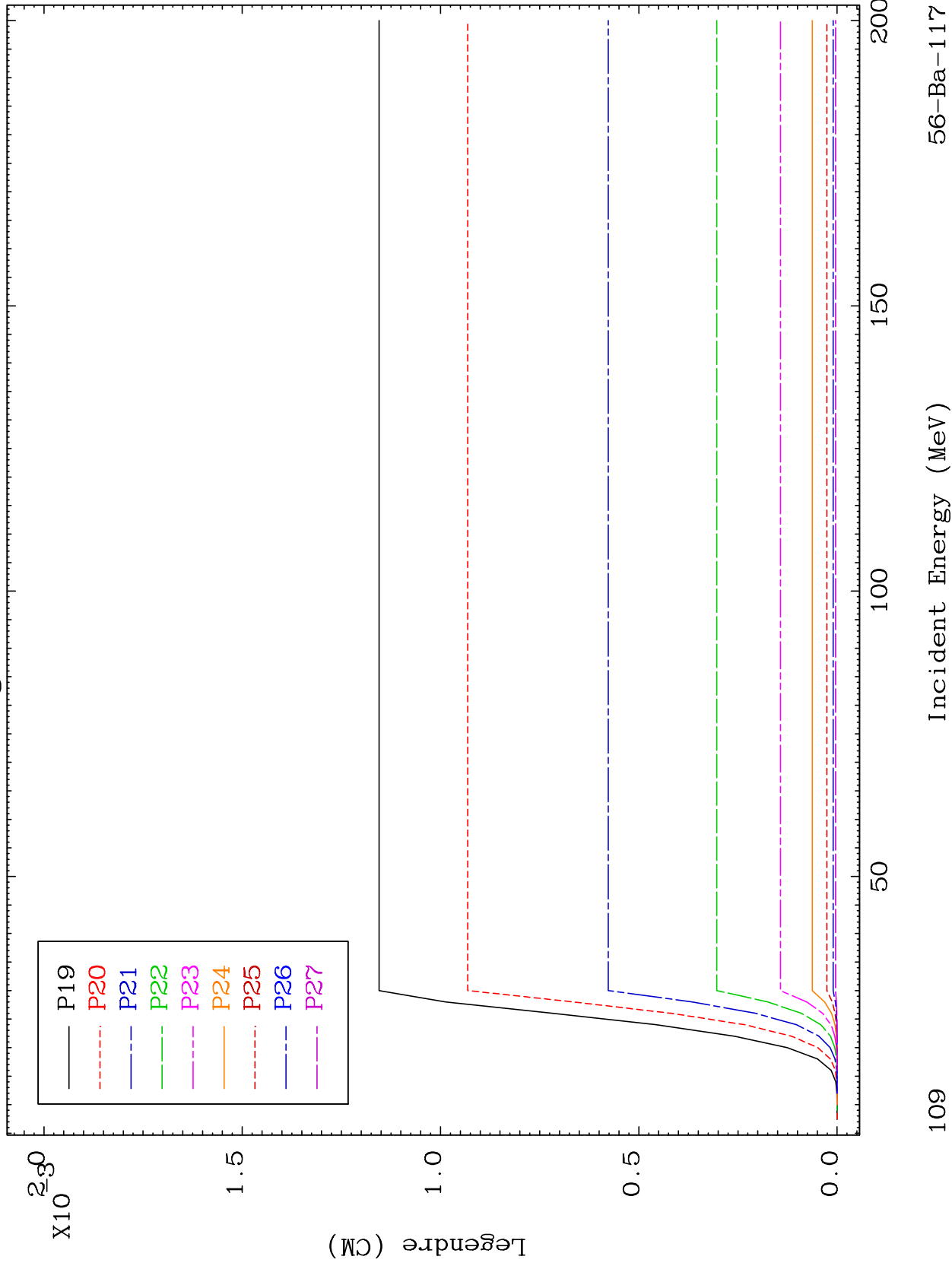
56-Ba-117



MAT 5586

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

56-Ba-117

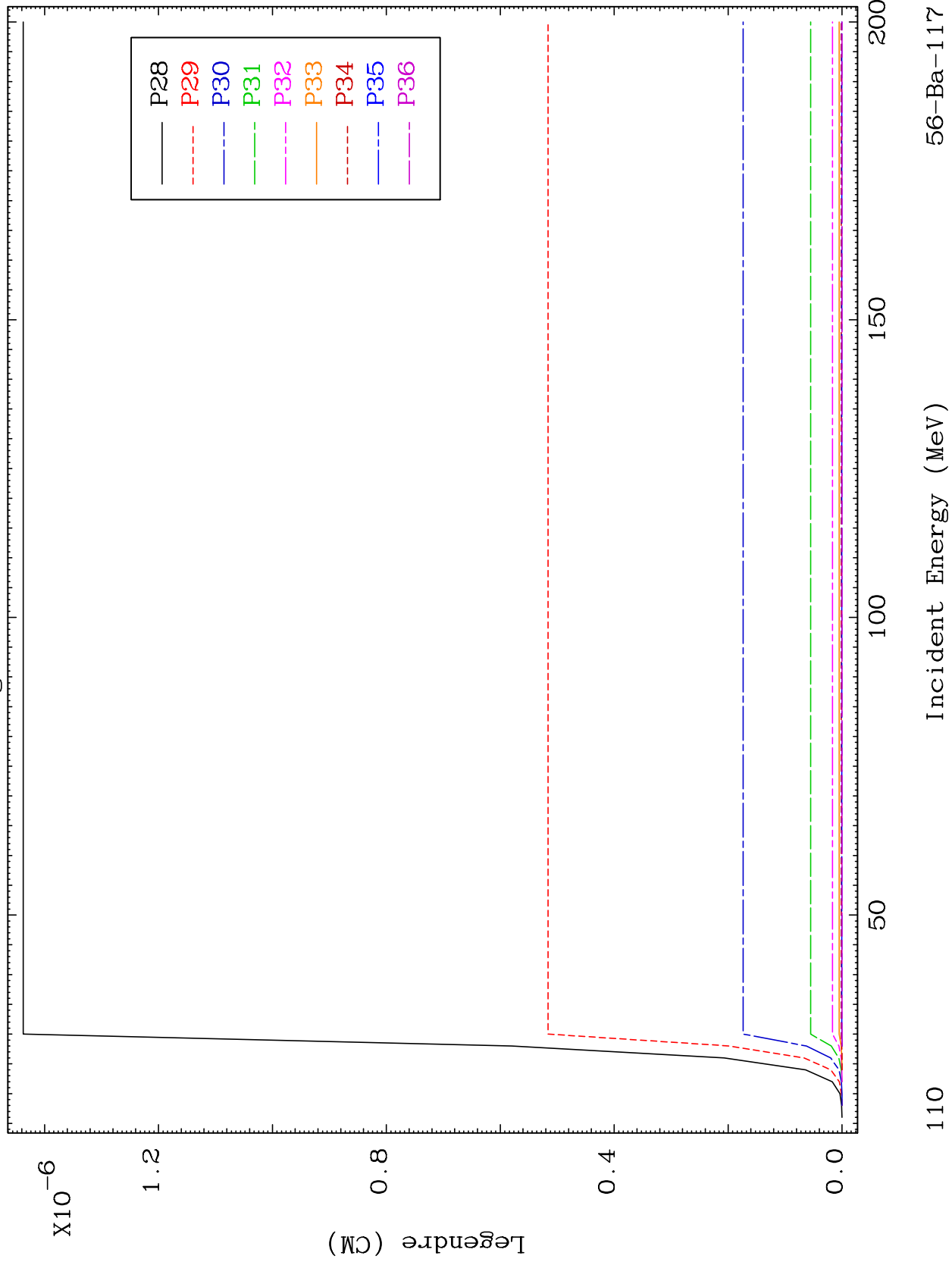


109

MAT 5586

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

56-Ba-117

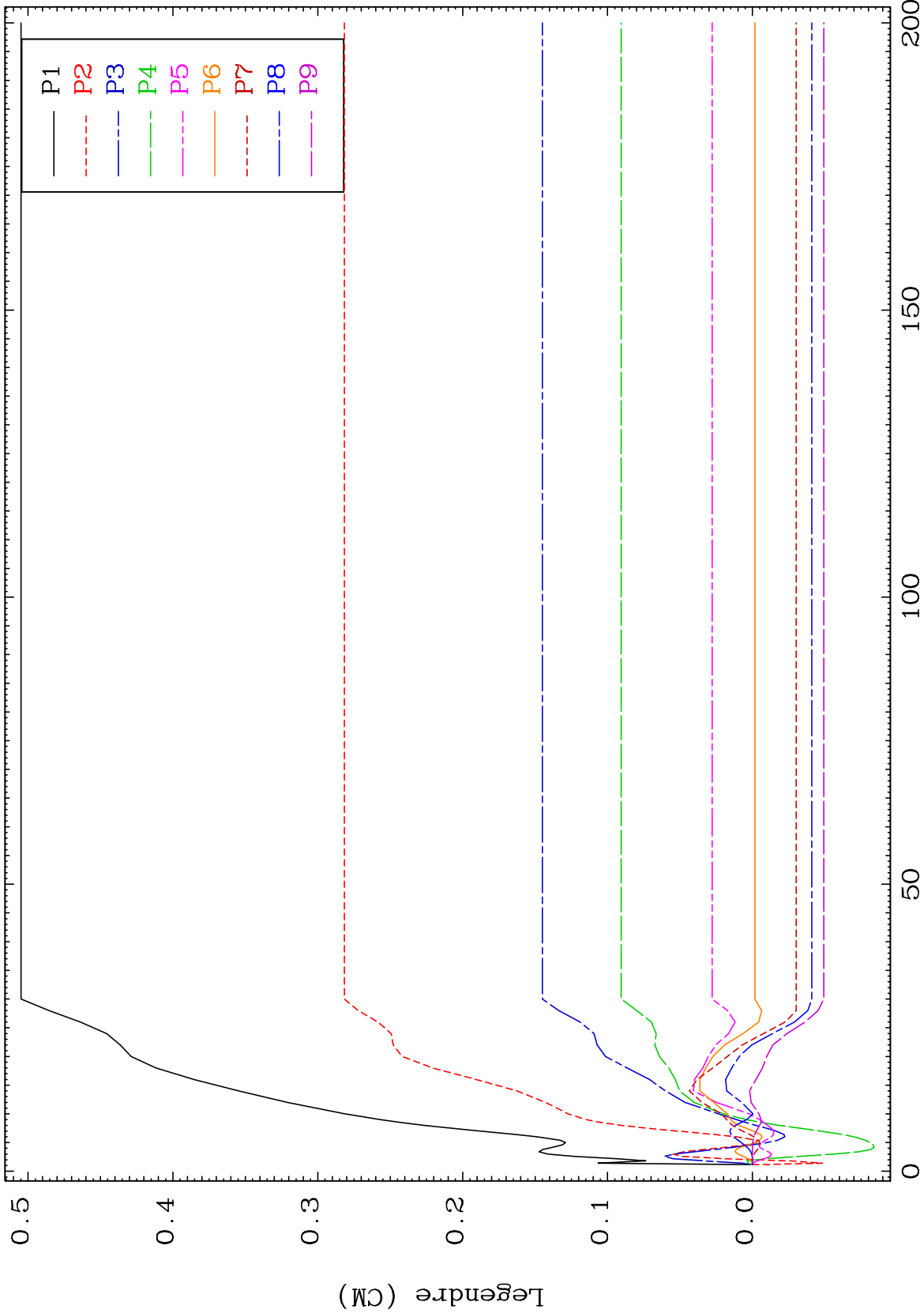


MAT 5586

MT= 73 (n,n') Level

56-Ba-117

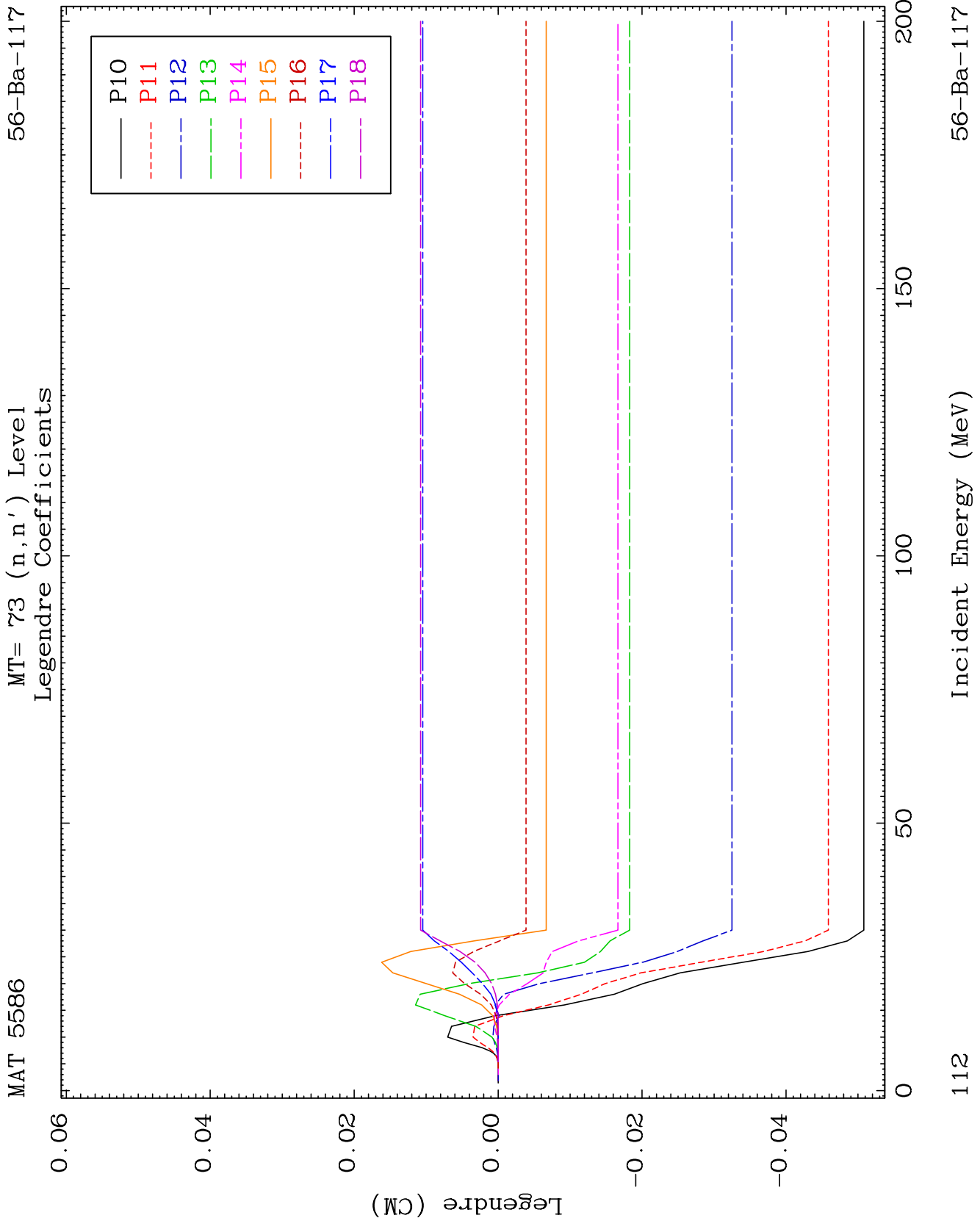
Legendre Coefficients



56-Ba-117

Incident Energy (MeV)

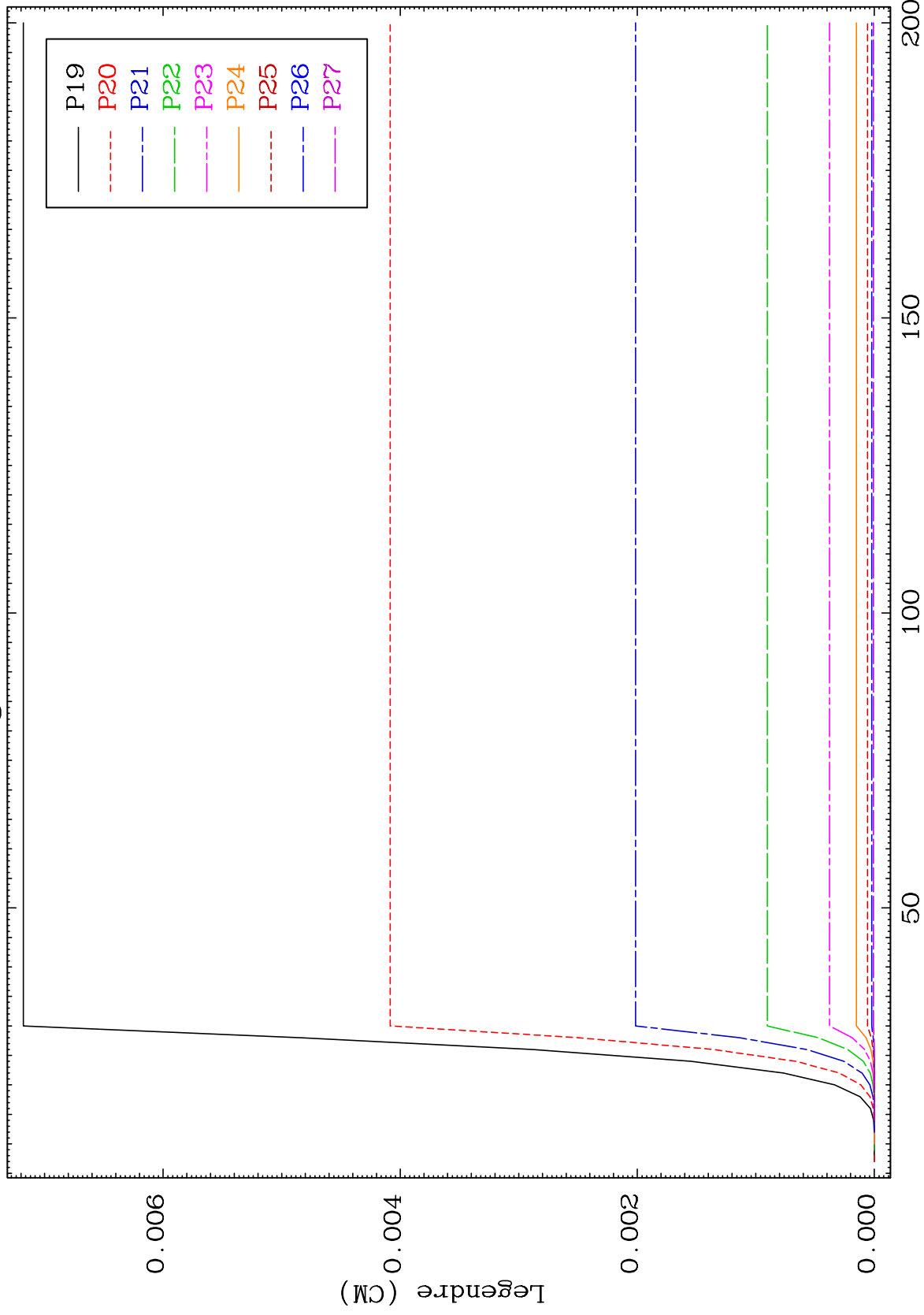
111



MAT 5586

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

56-Ba-117



113

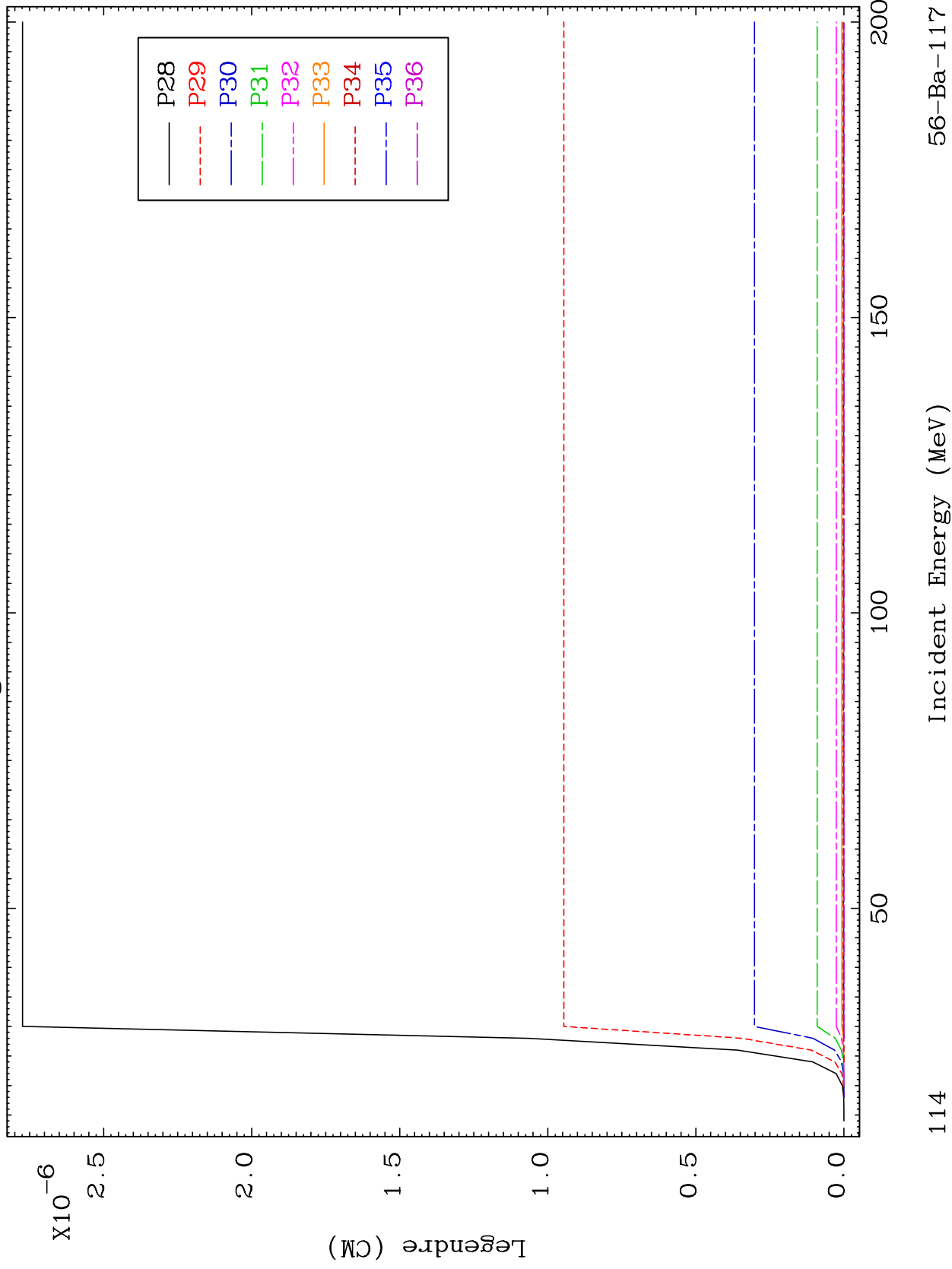
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117

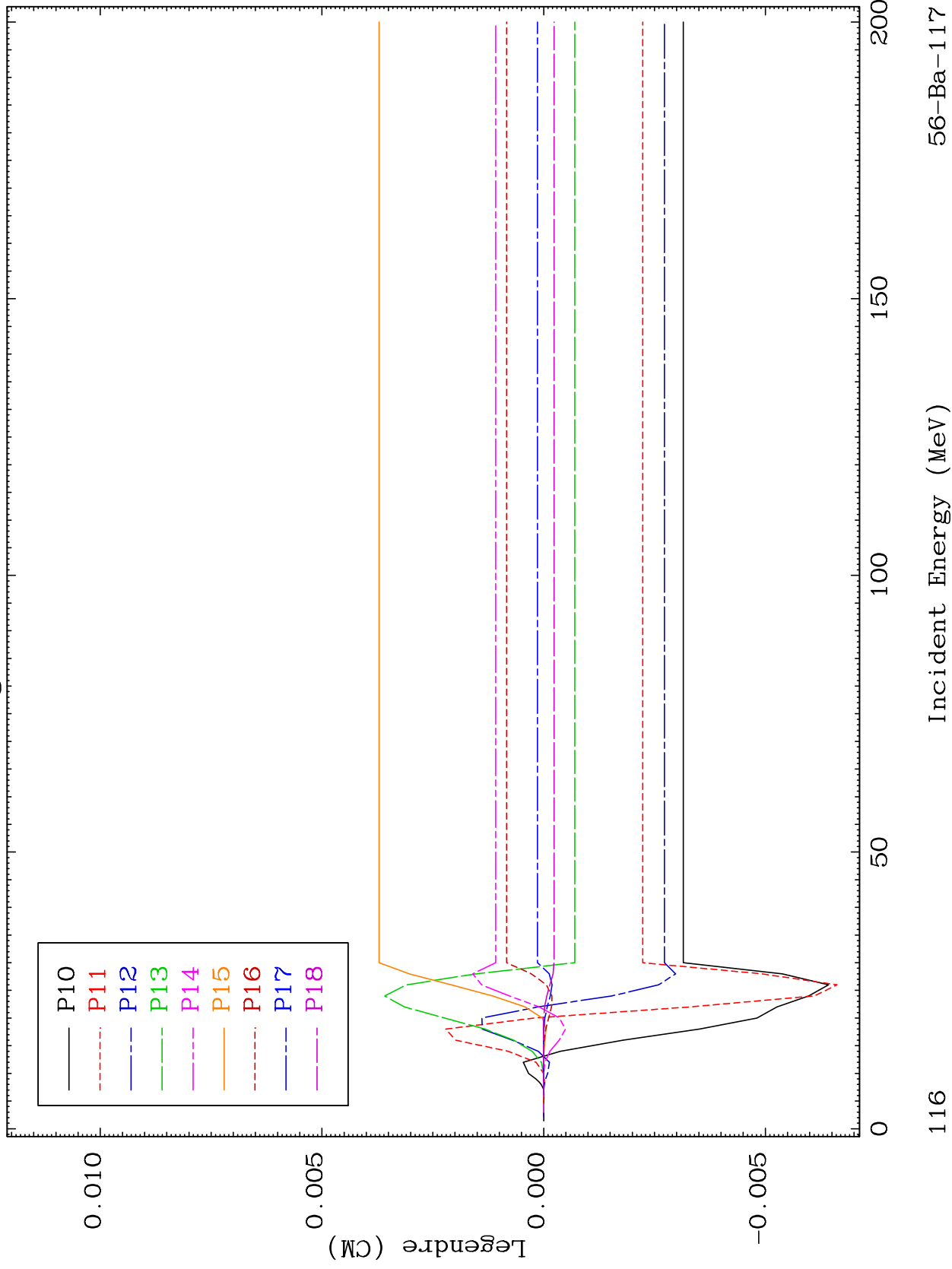


114

MAT 5586

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

56-Ba-117



116

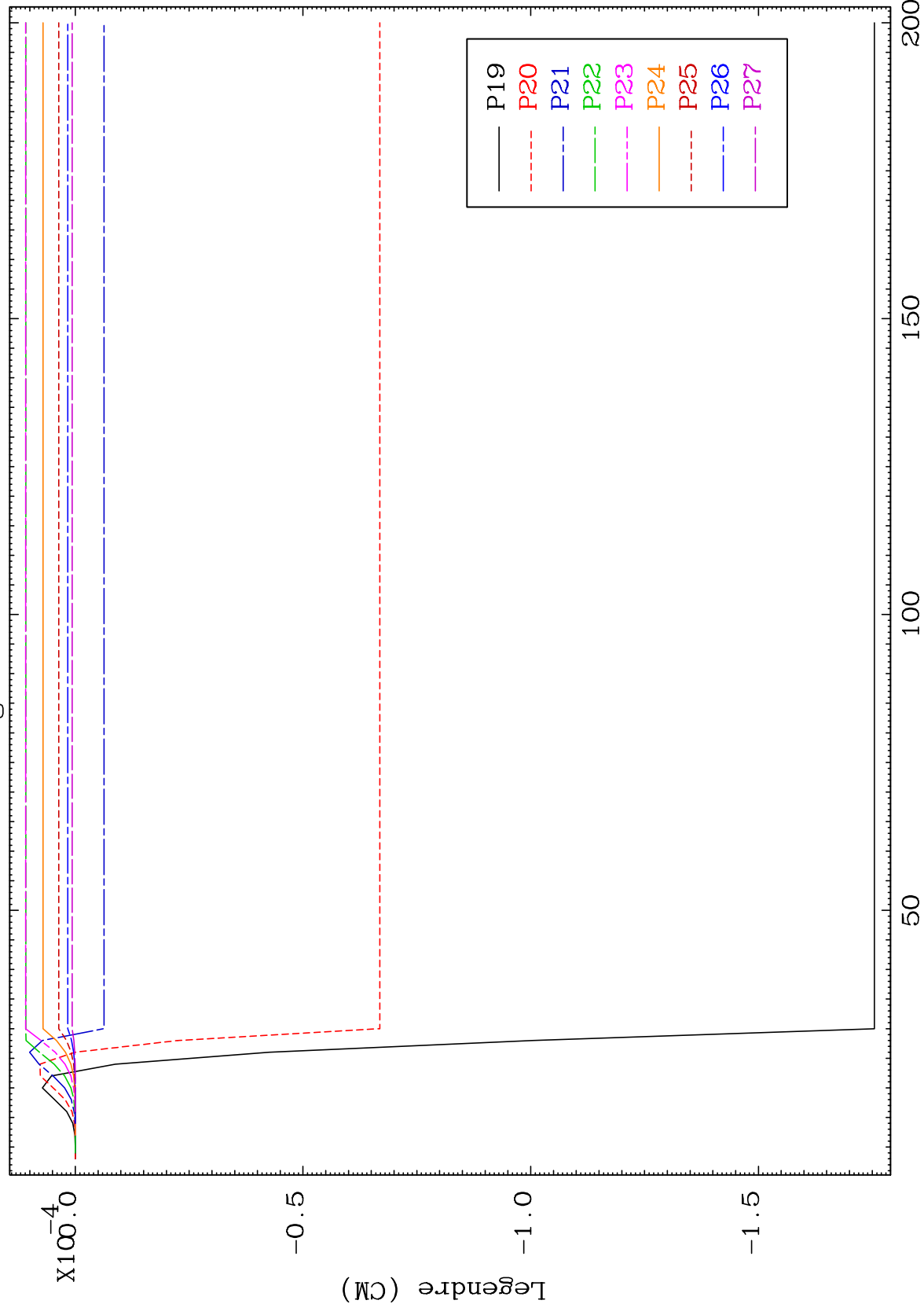
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



117

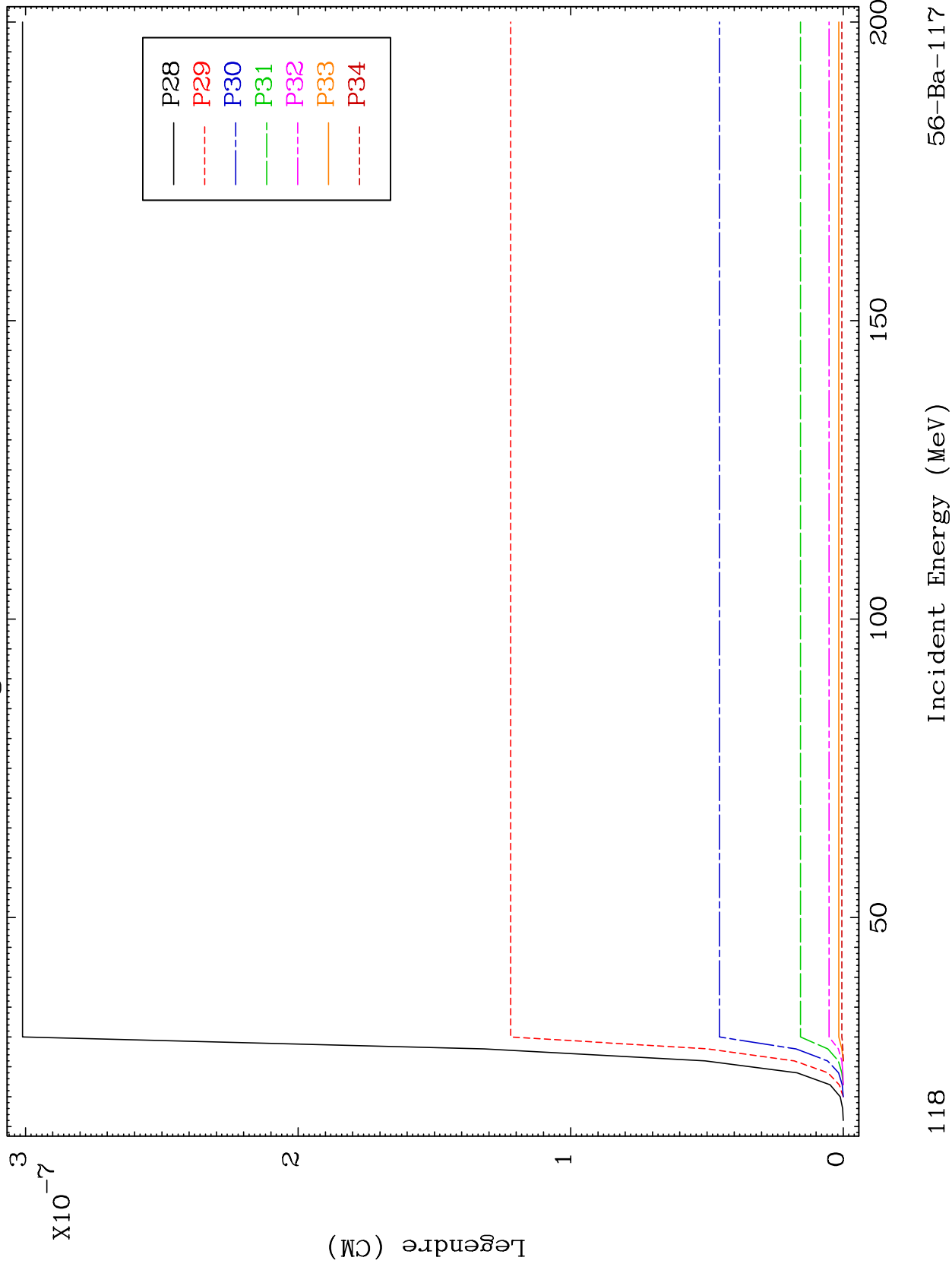
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

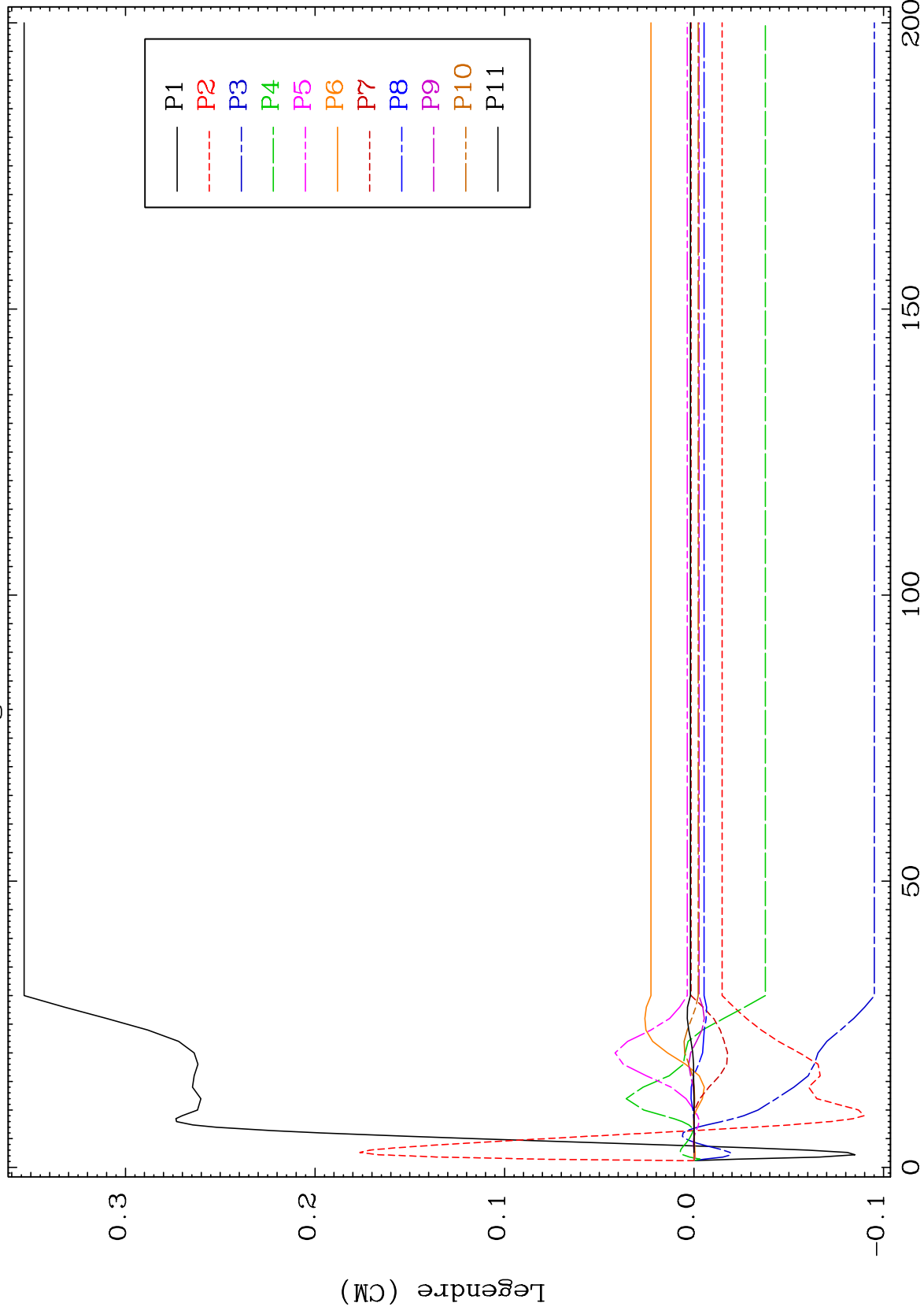
56-Ba-117



MAT 5586

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

56-Ba-117



56-Ba-117

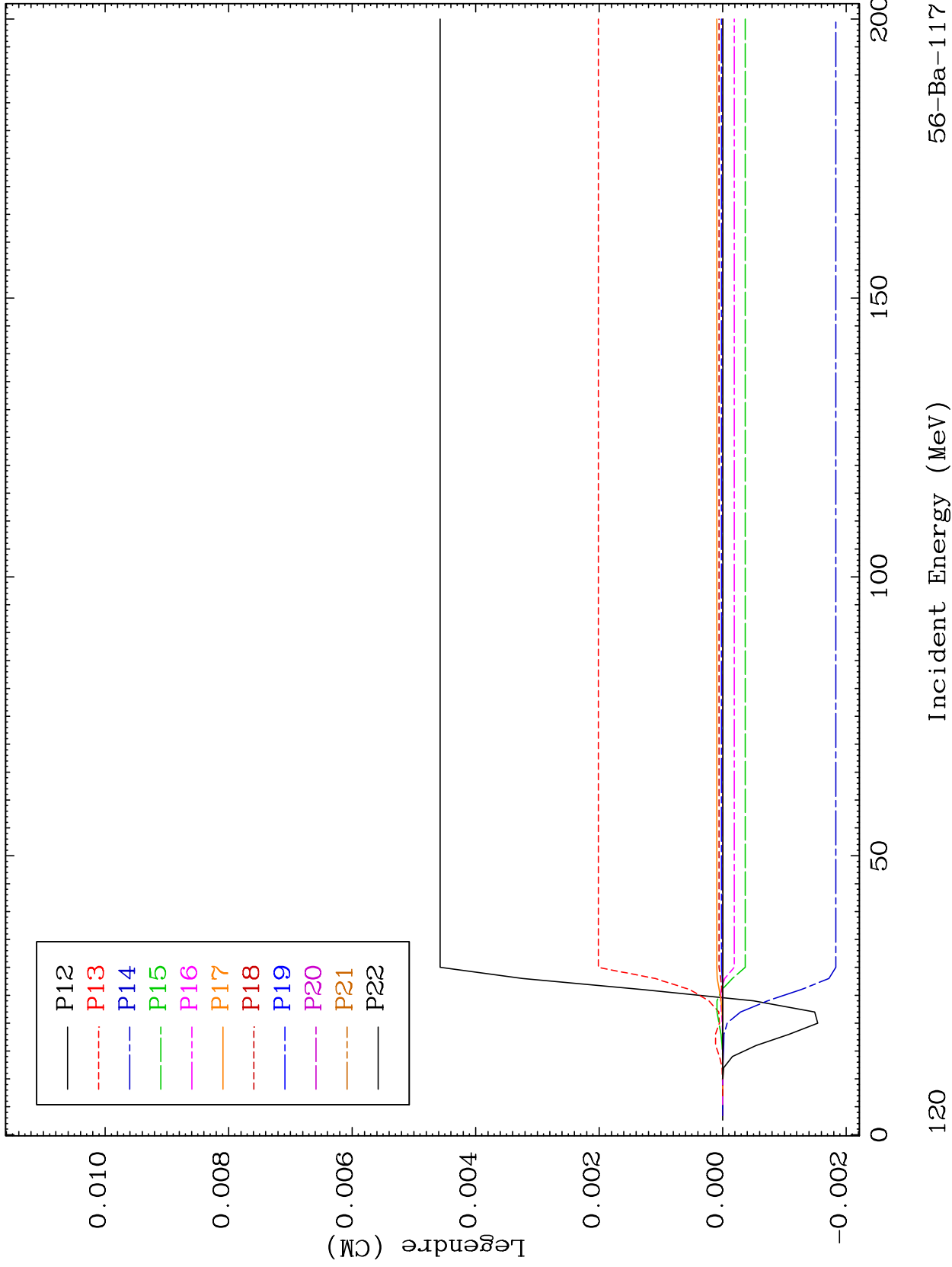
Incident Energy (MeV)

119

MAT 5586

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

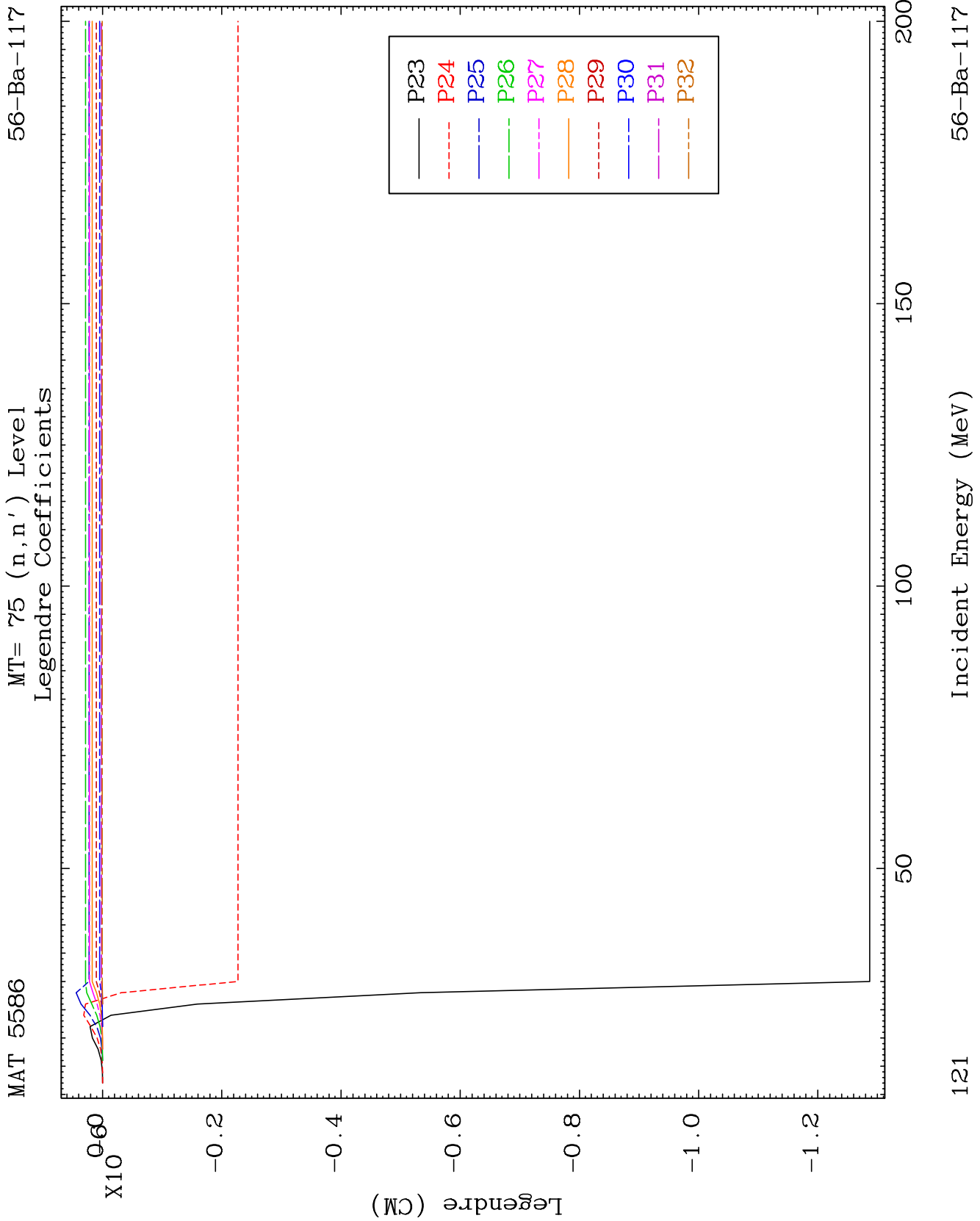
56-Ba-117



56-Ba-117

Incident Energy (MeV)

120

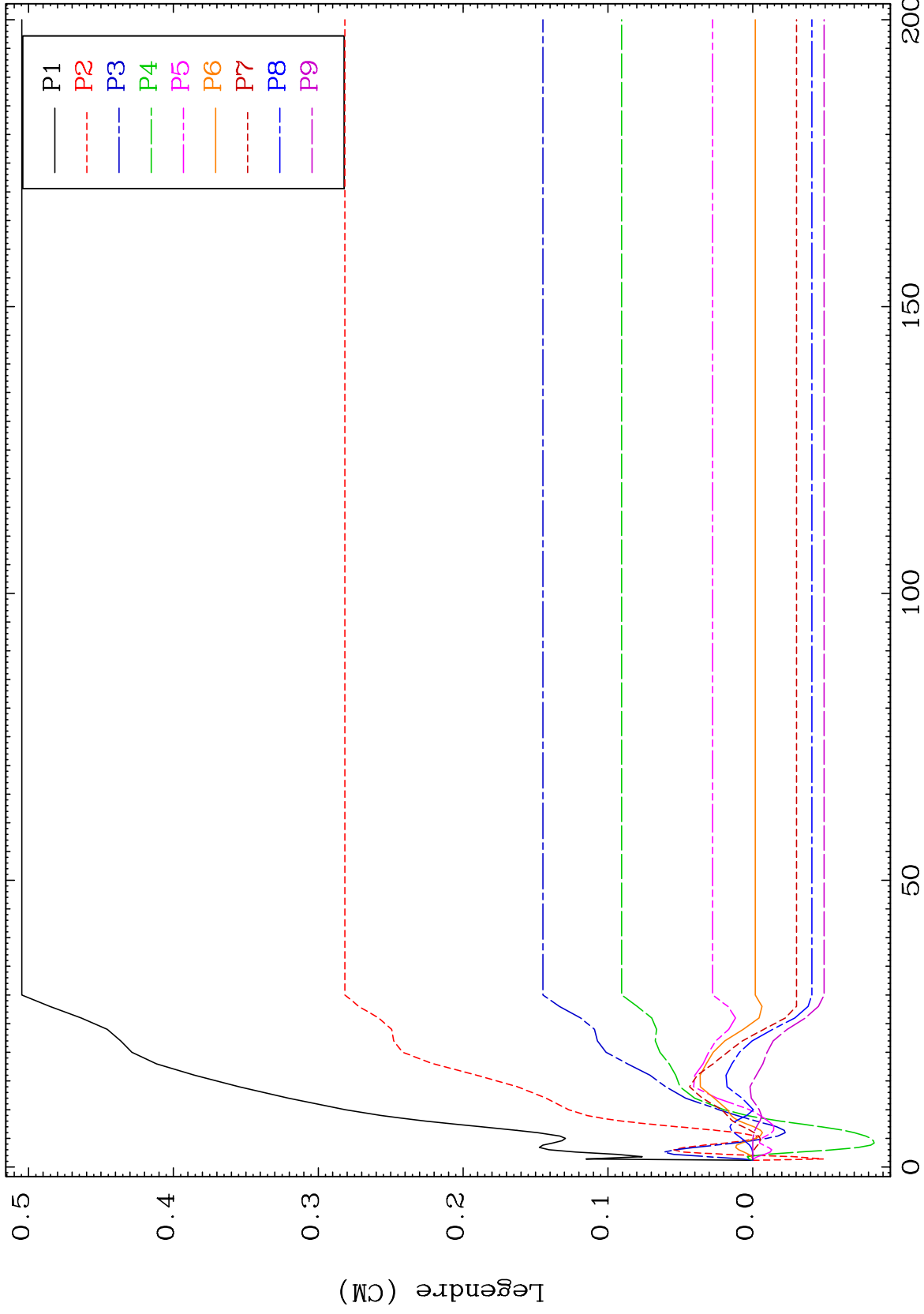


MAT 5586

MT= 76 (n,n') Level

56-Ba-117

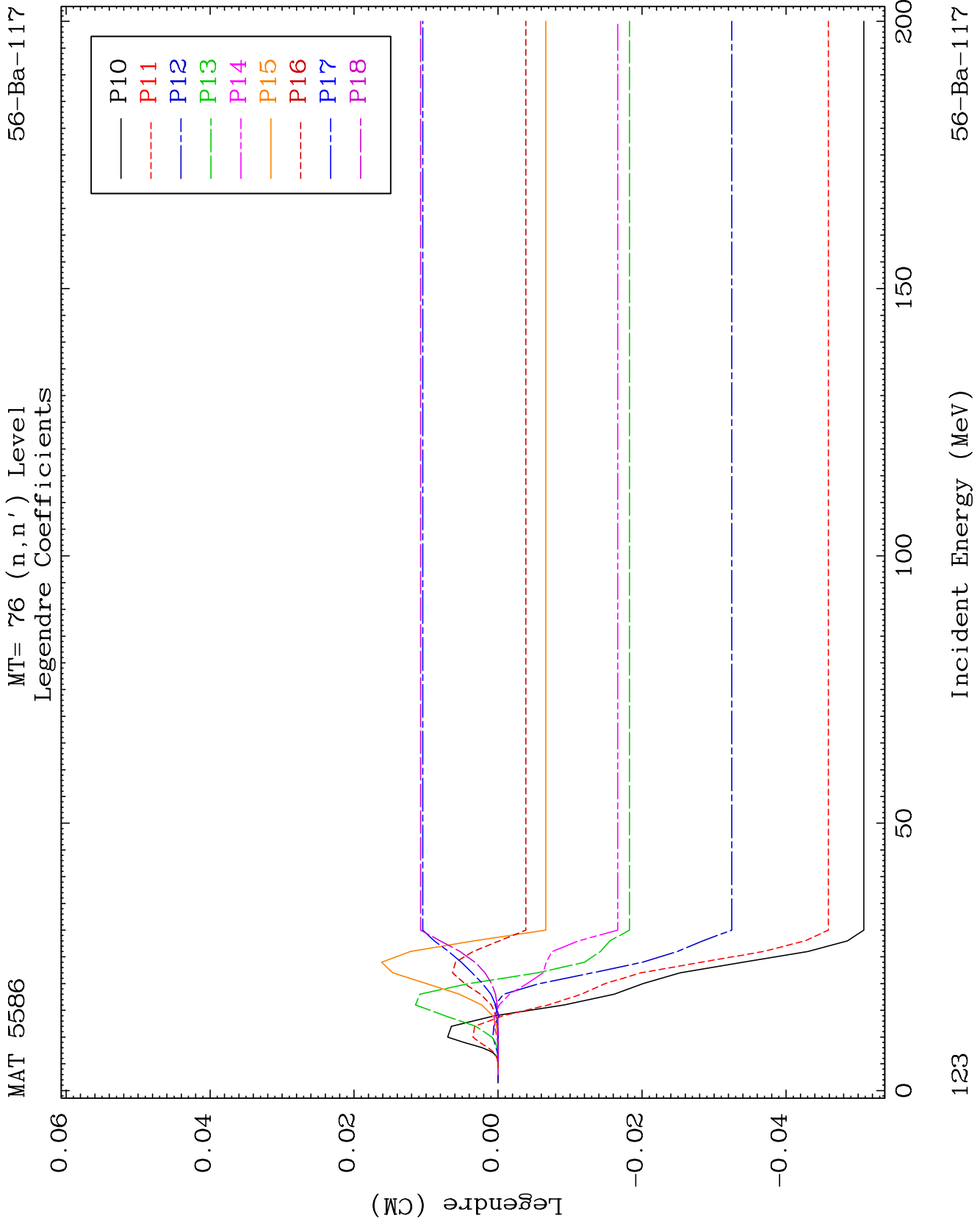
Legendre Coefficients



122

Incident Energy (MeV)

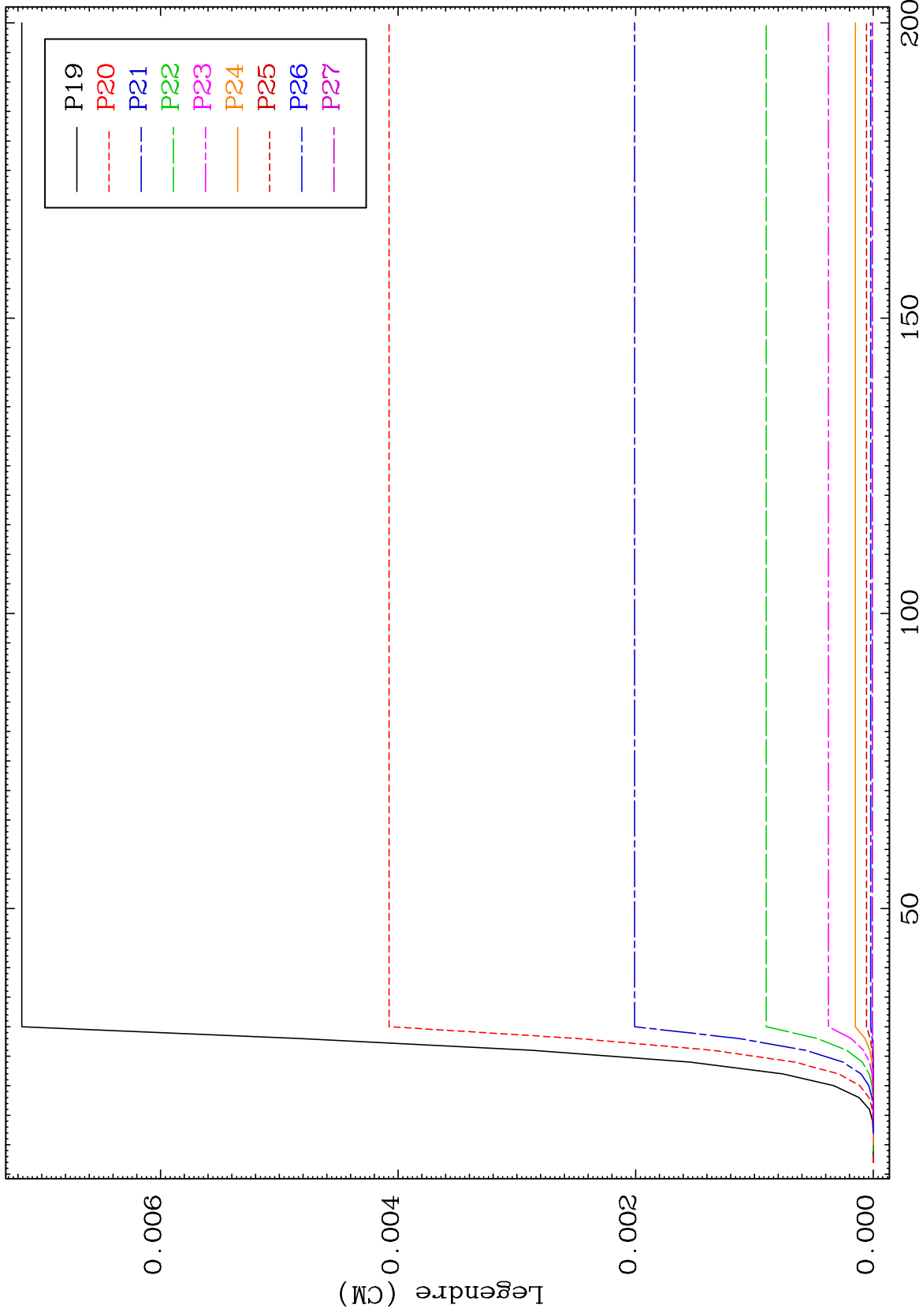
56-Ba-117



MAT 5586

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

56-Ba-117



124

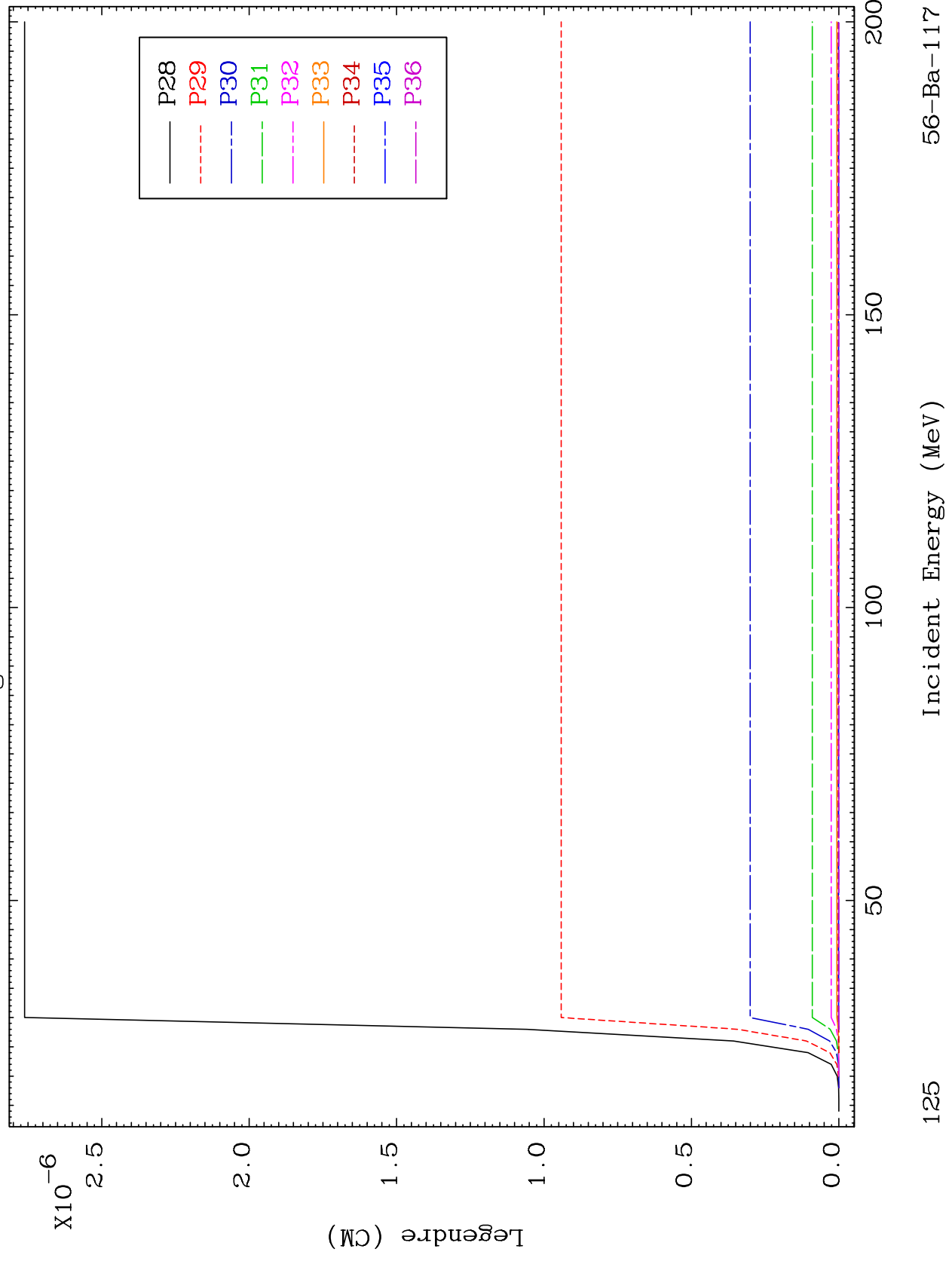
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

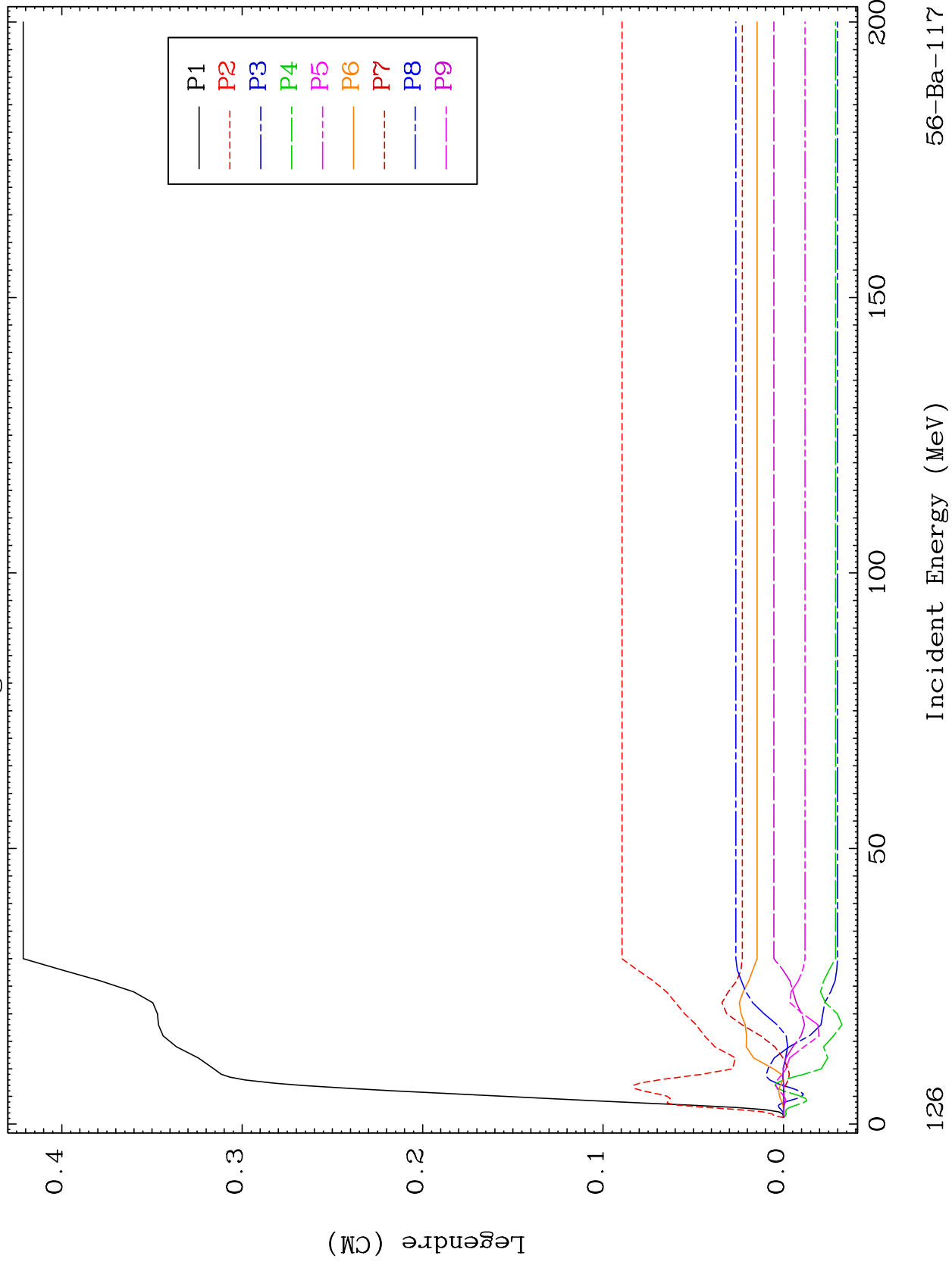
56-Ba-117



MAT 5586

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

56-Ba-117



56-Ba-117

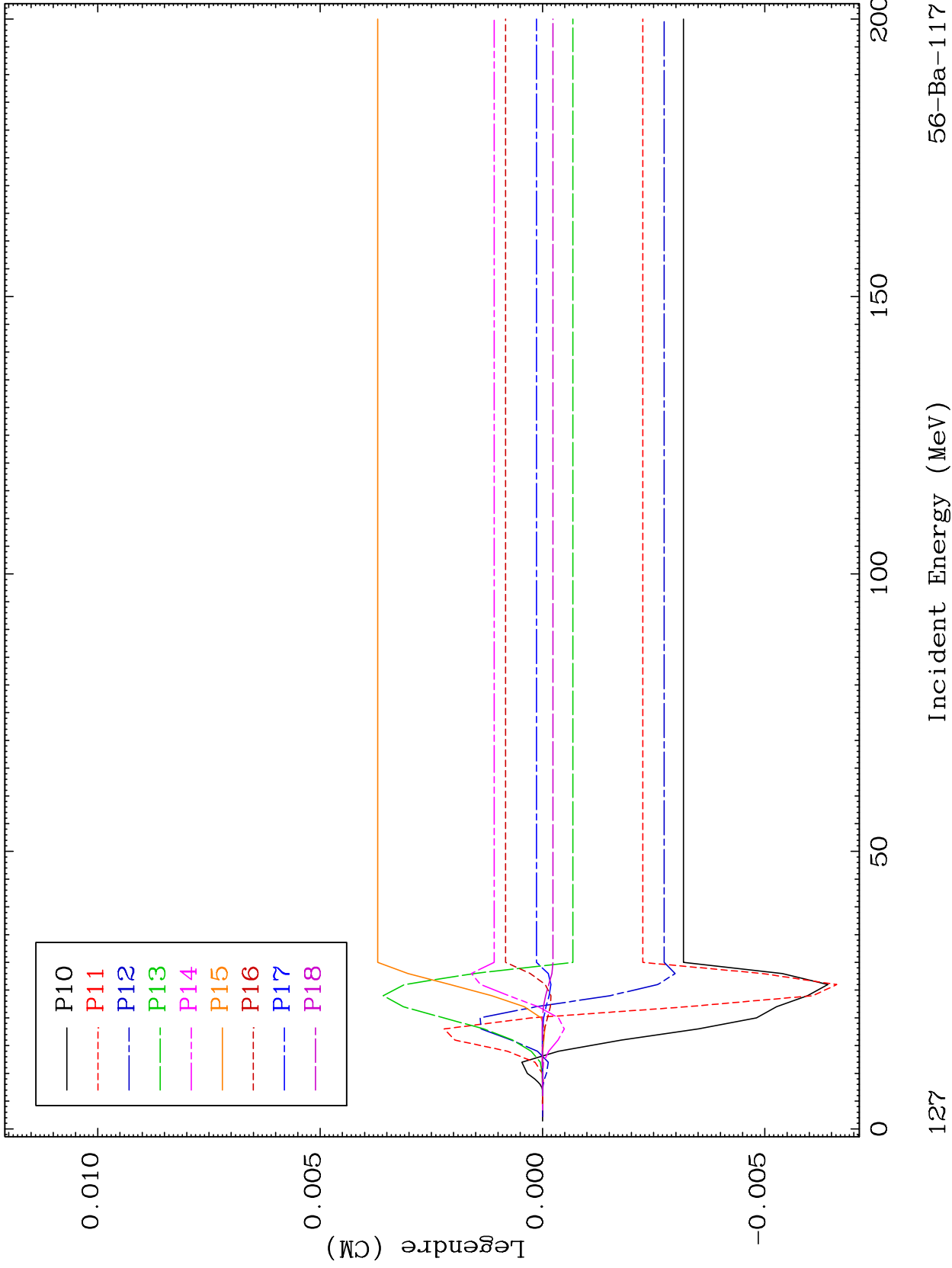
Incident Energy (MeV)

126

MAT 5586

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

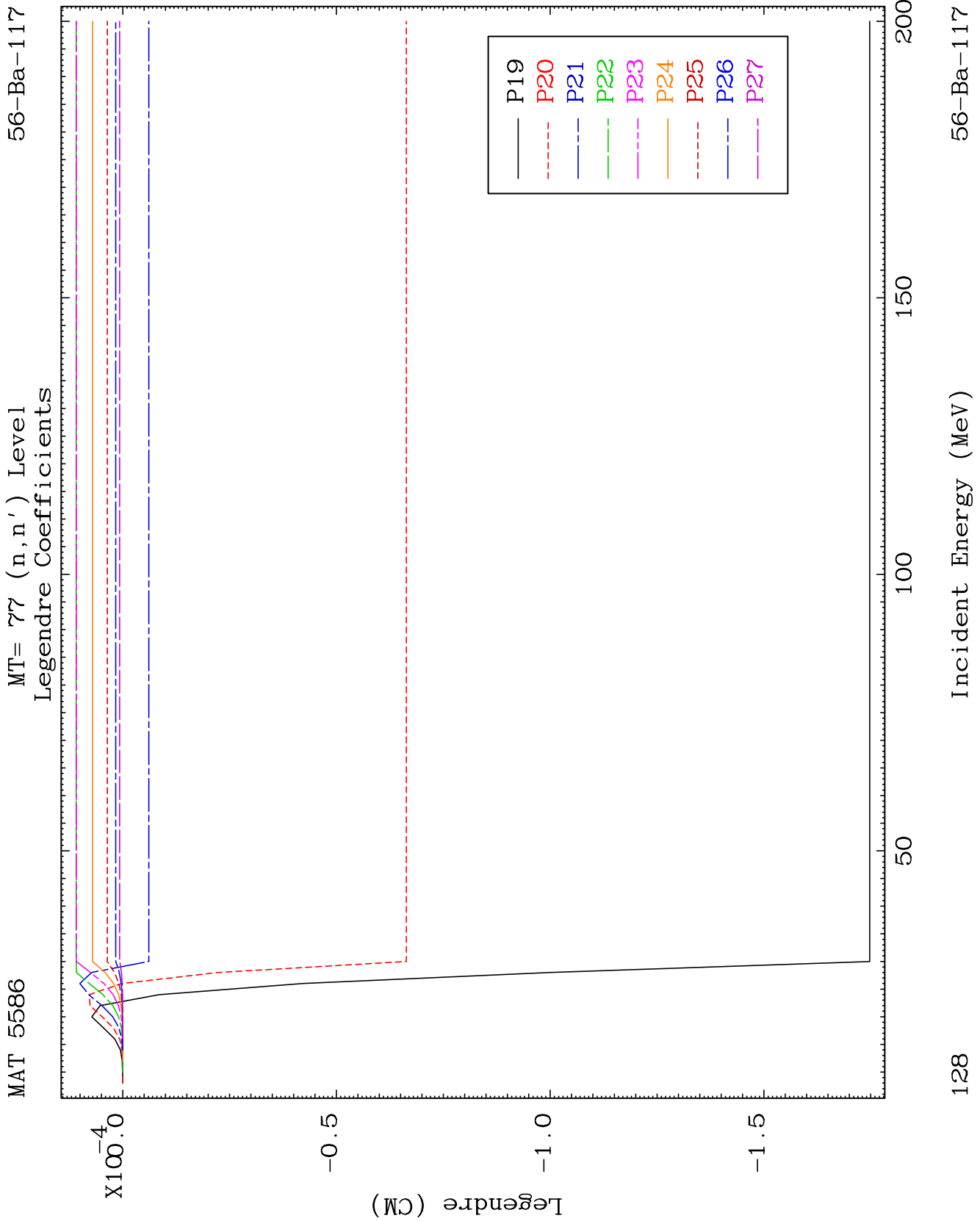
56-Ba-117



127

Incident Energy (MeV)

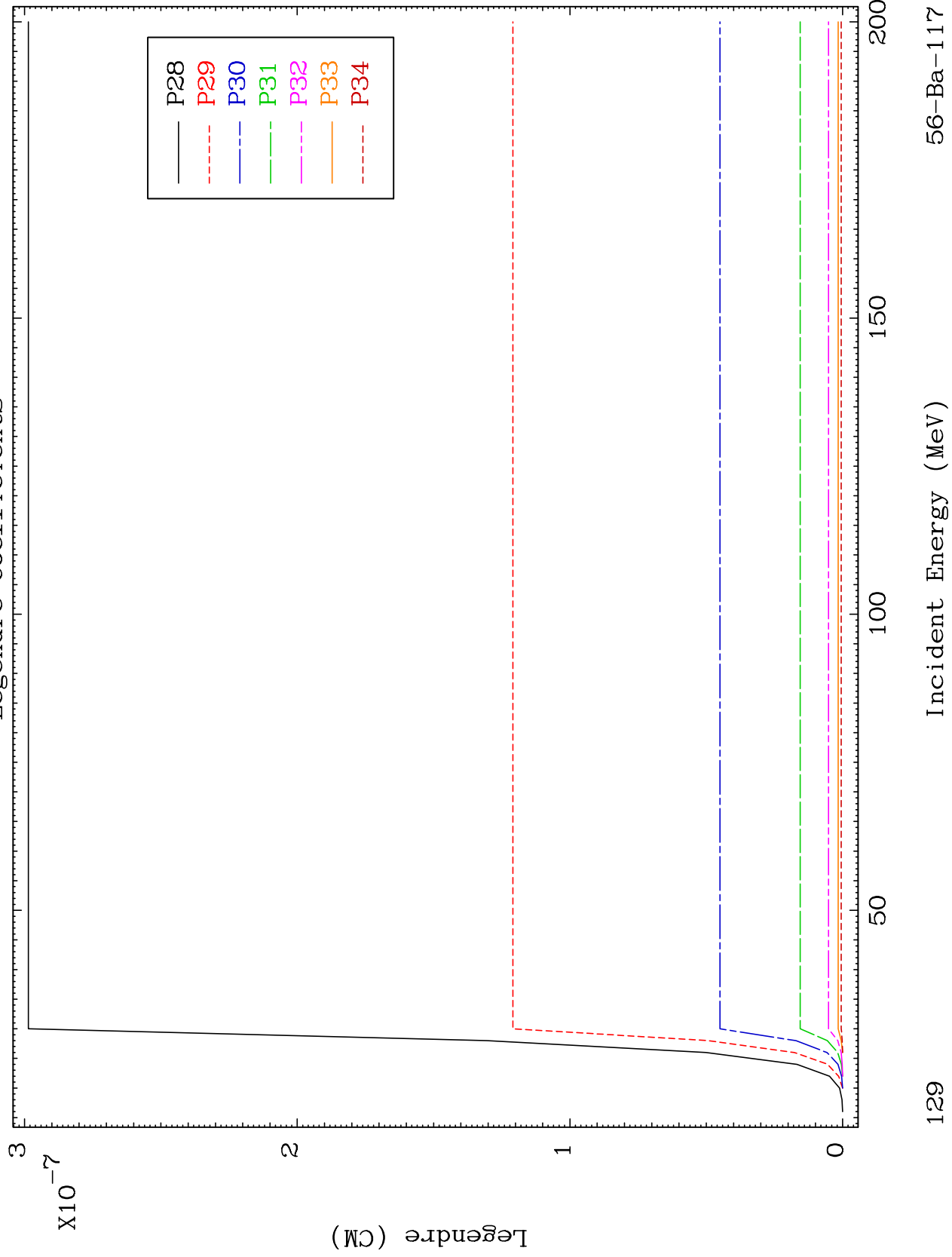
56-Ba-117



MAT 5586

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

56-Ba-117



129

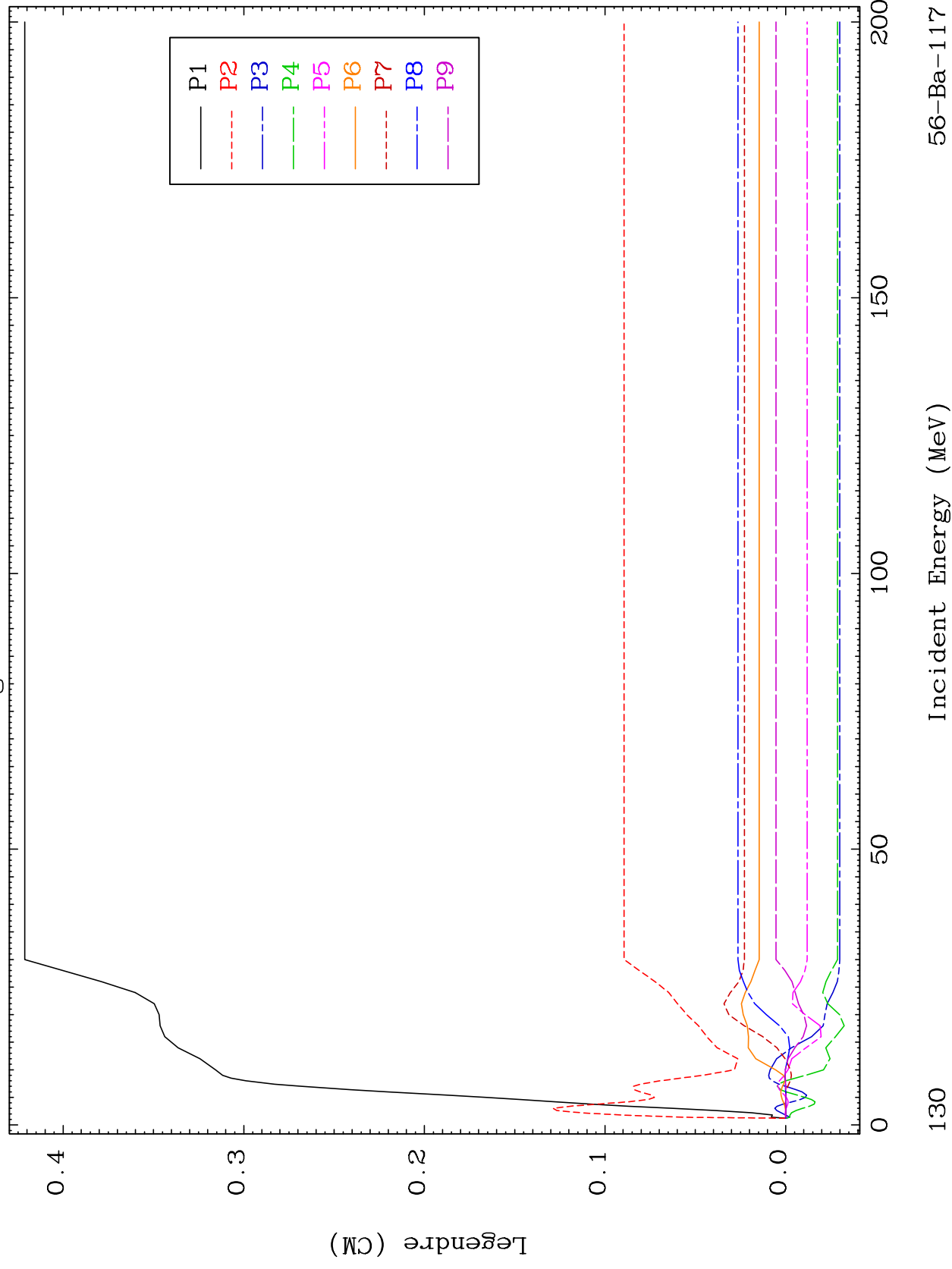
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117



56-Ba-117

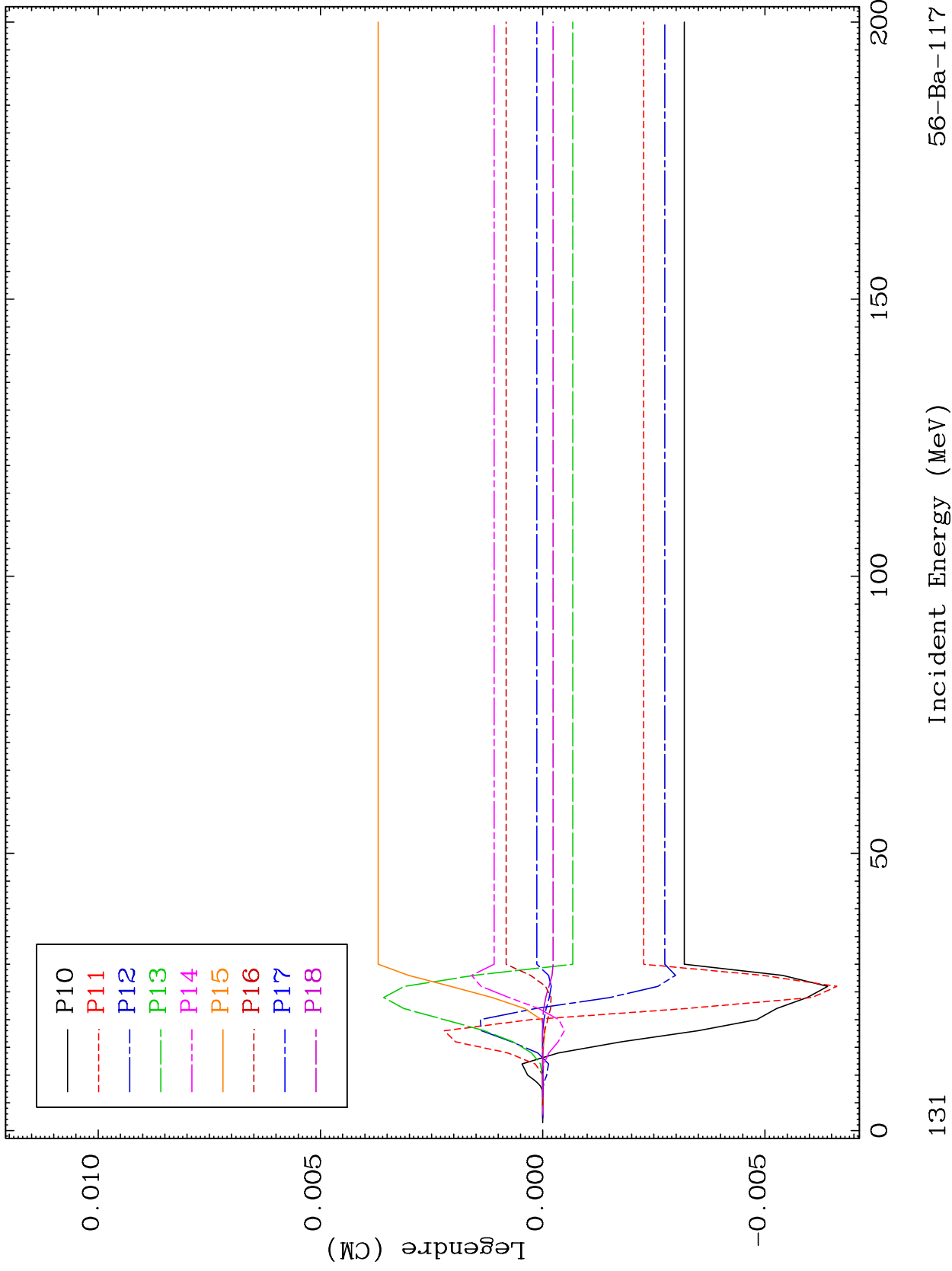
Incident Energy (MeV)

130

MAT 5586

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

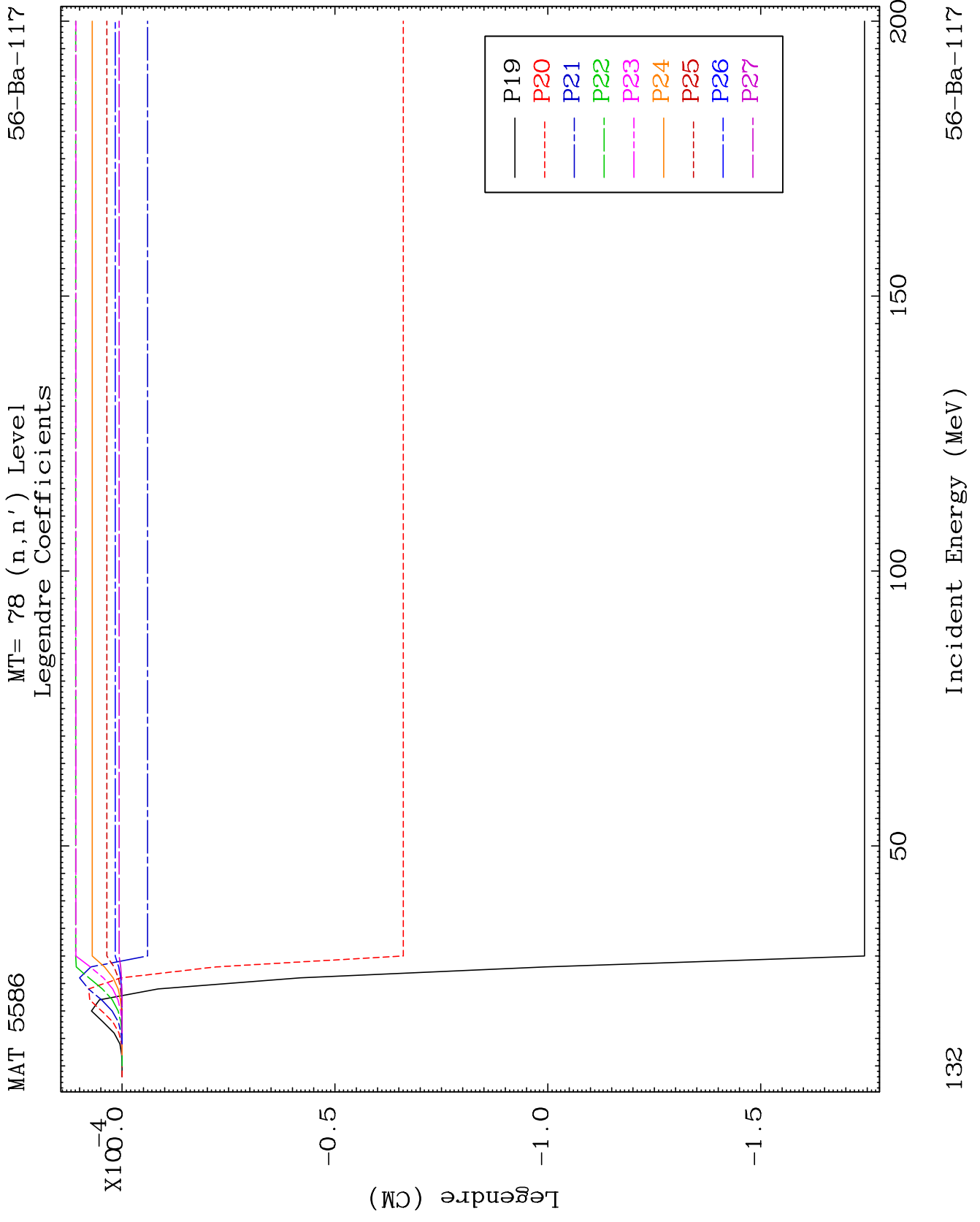
56-Ba-117



131

Incident Energy (MeV)

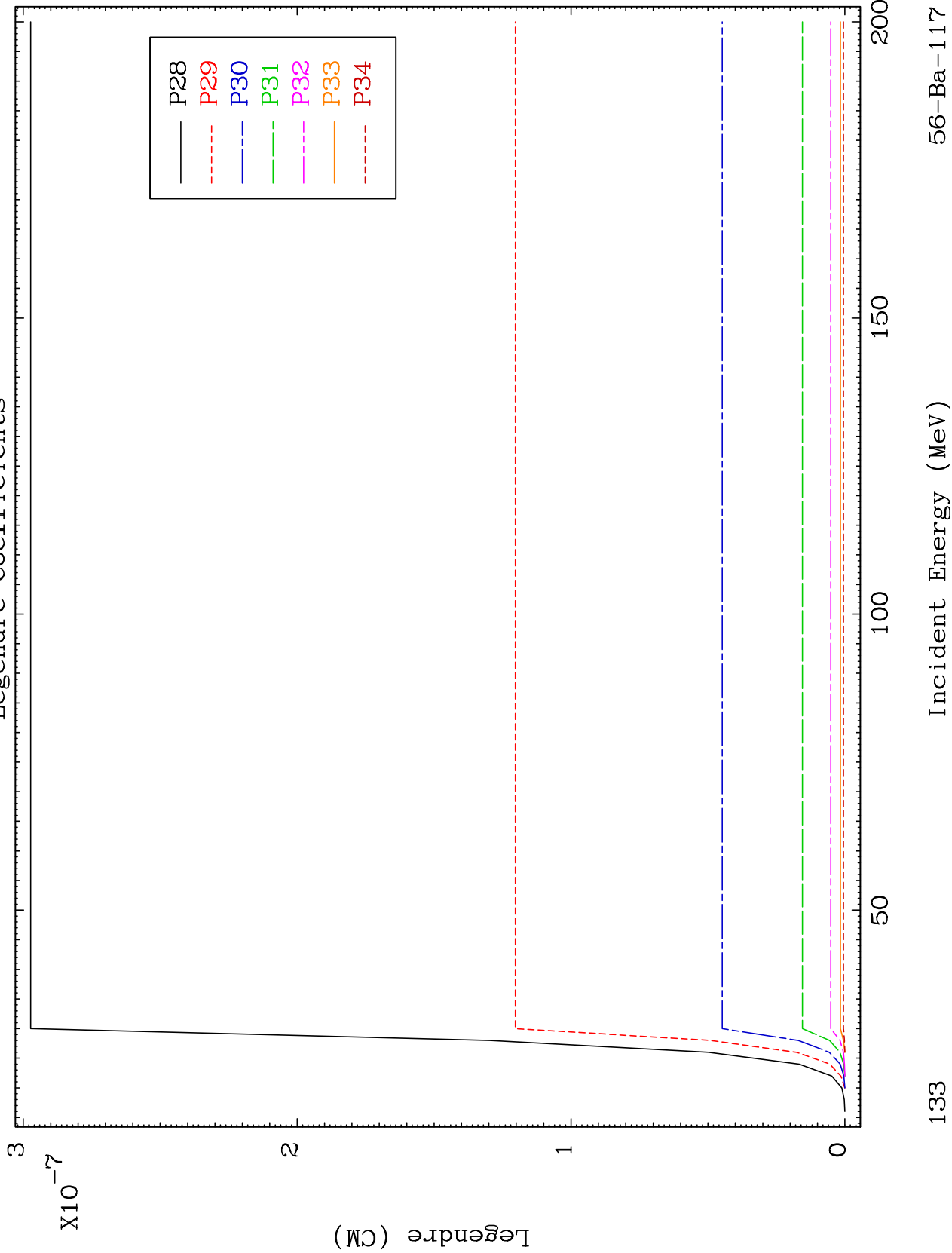
56-Ba-117



MAT 5586

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

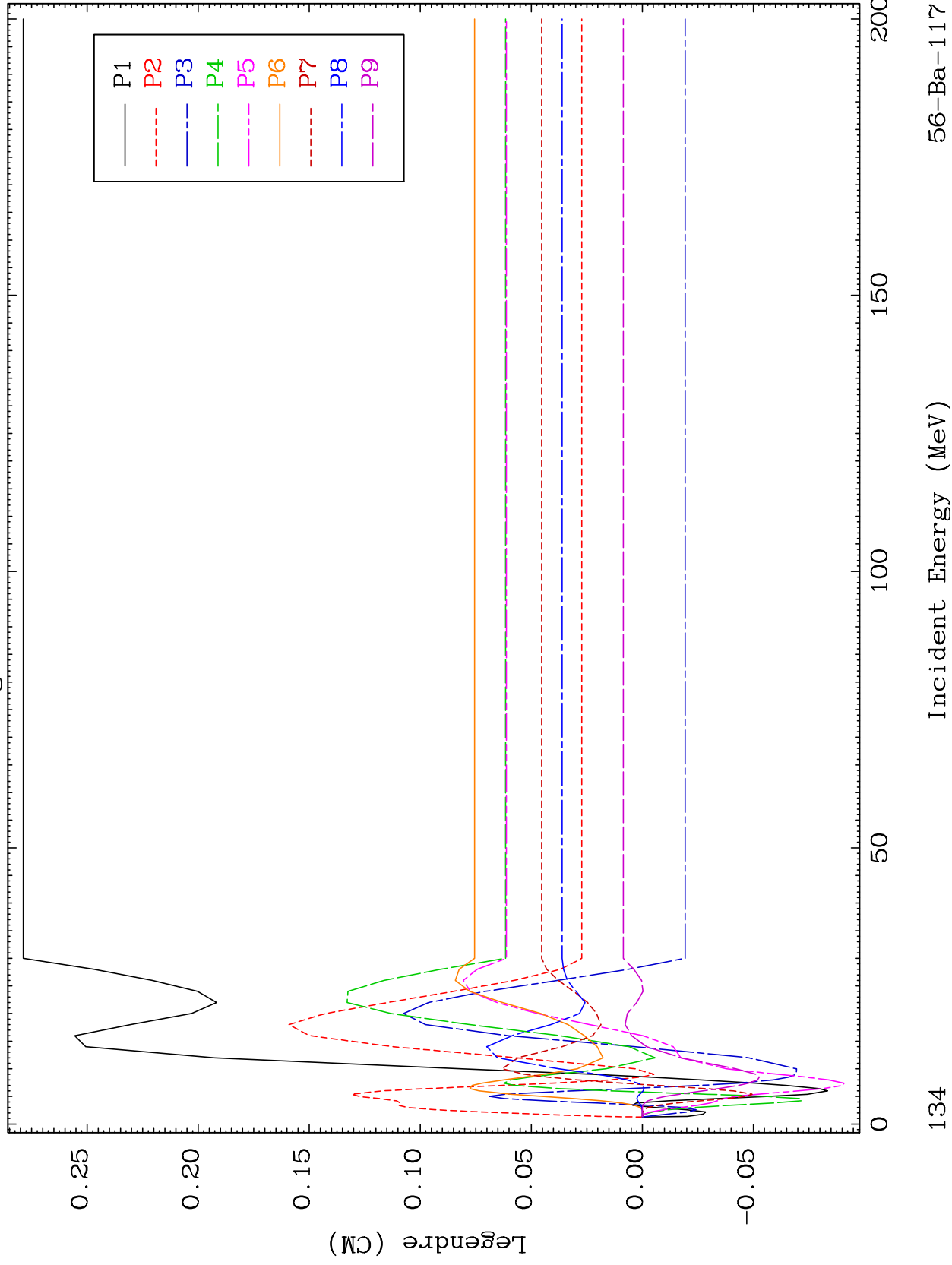
56-Ba-117



MAT 5586

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

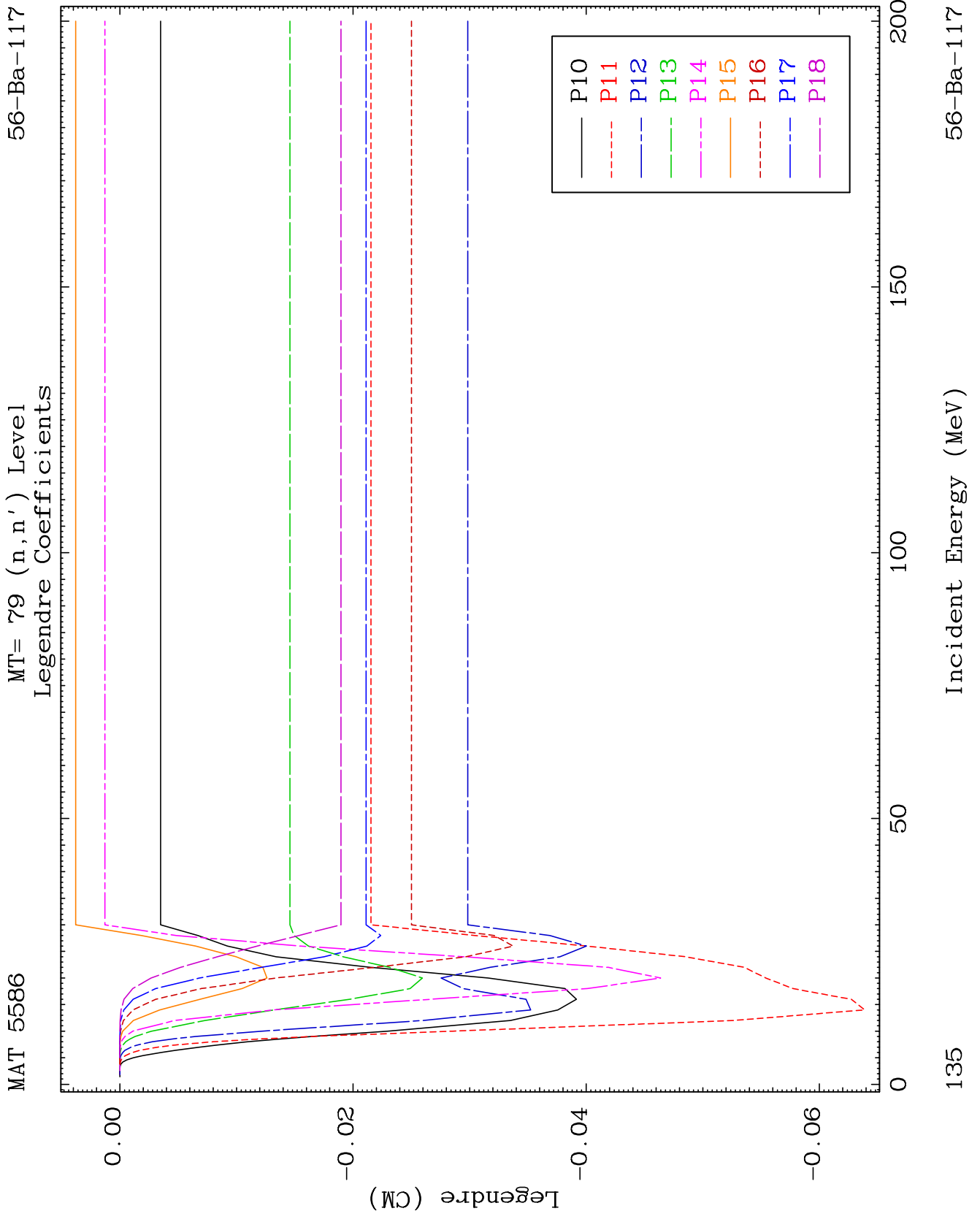
56-Ba-117

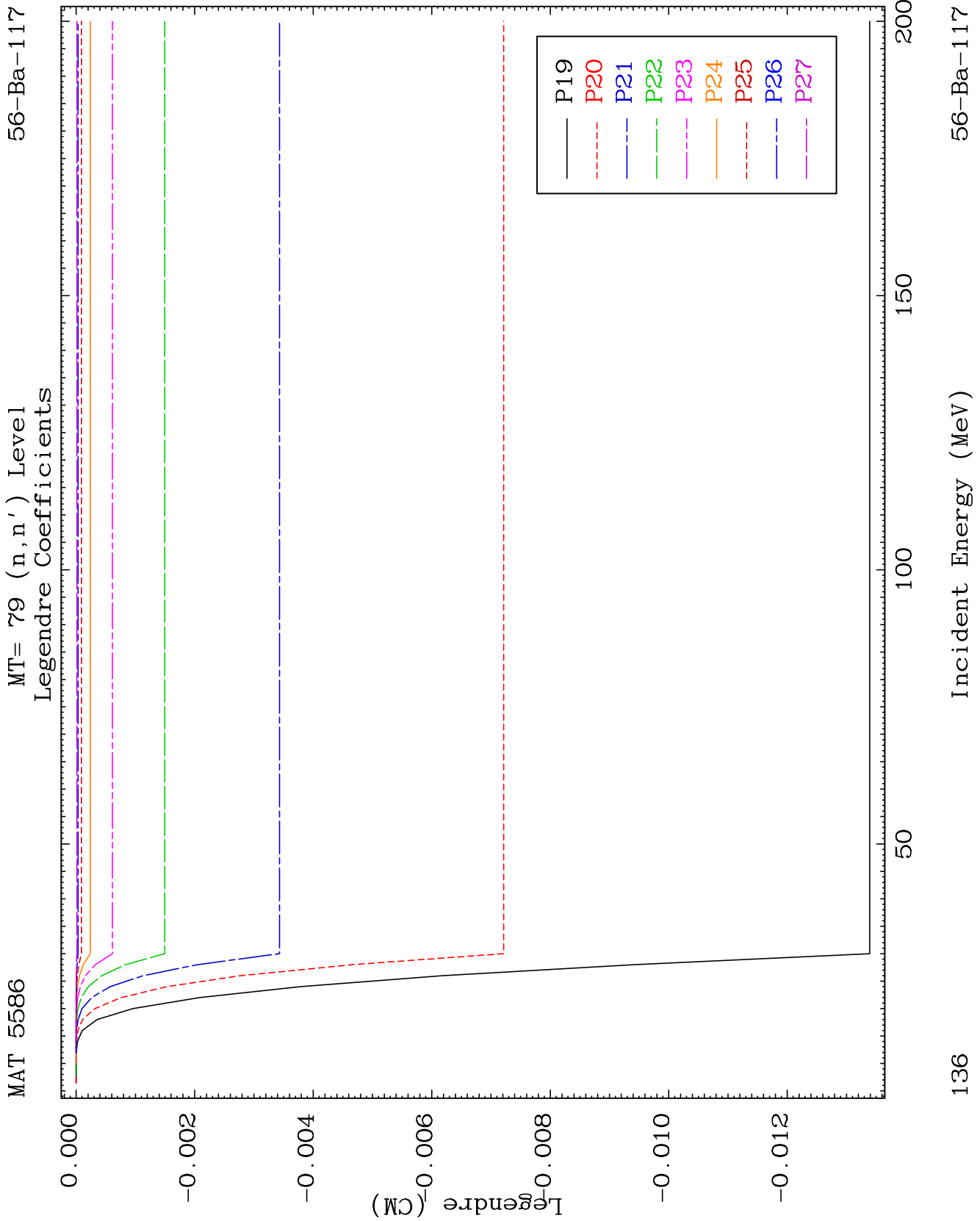


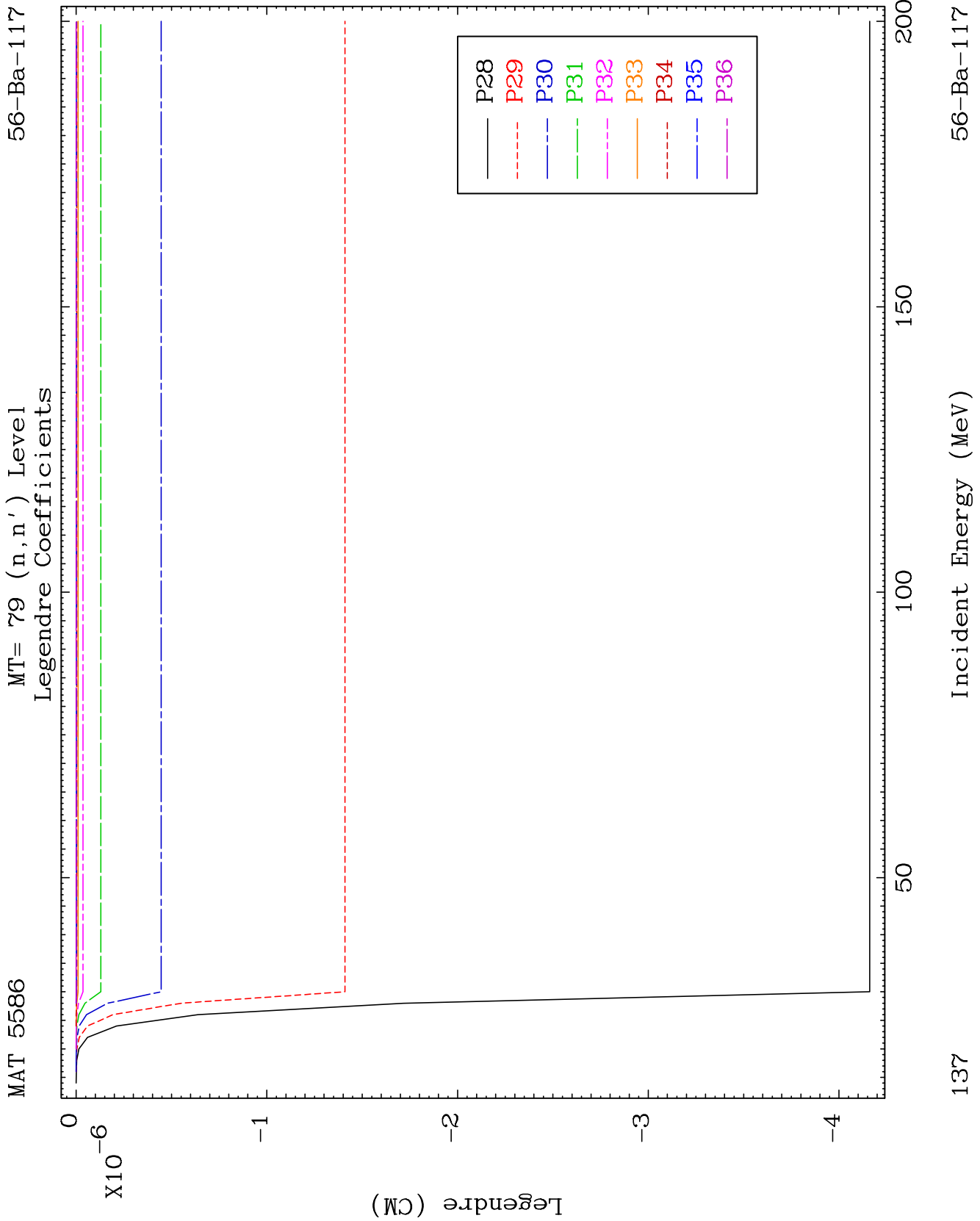
56-Ba-117

Incident Energy (MeV)

134



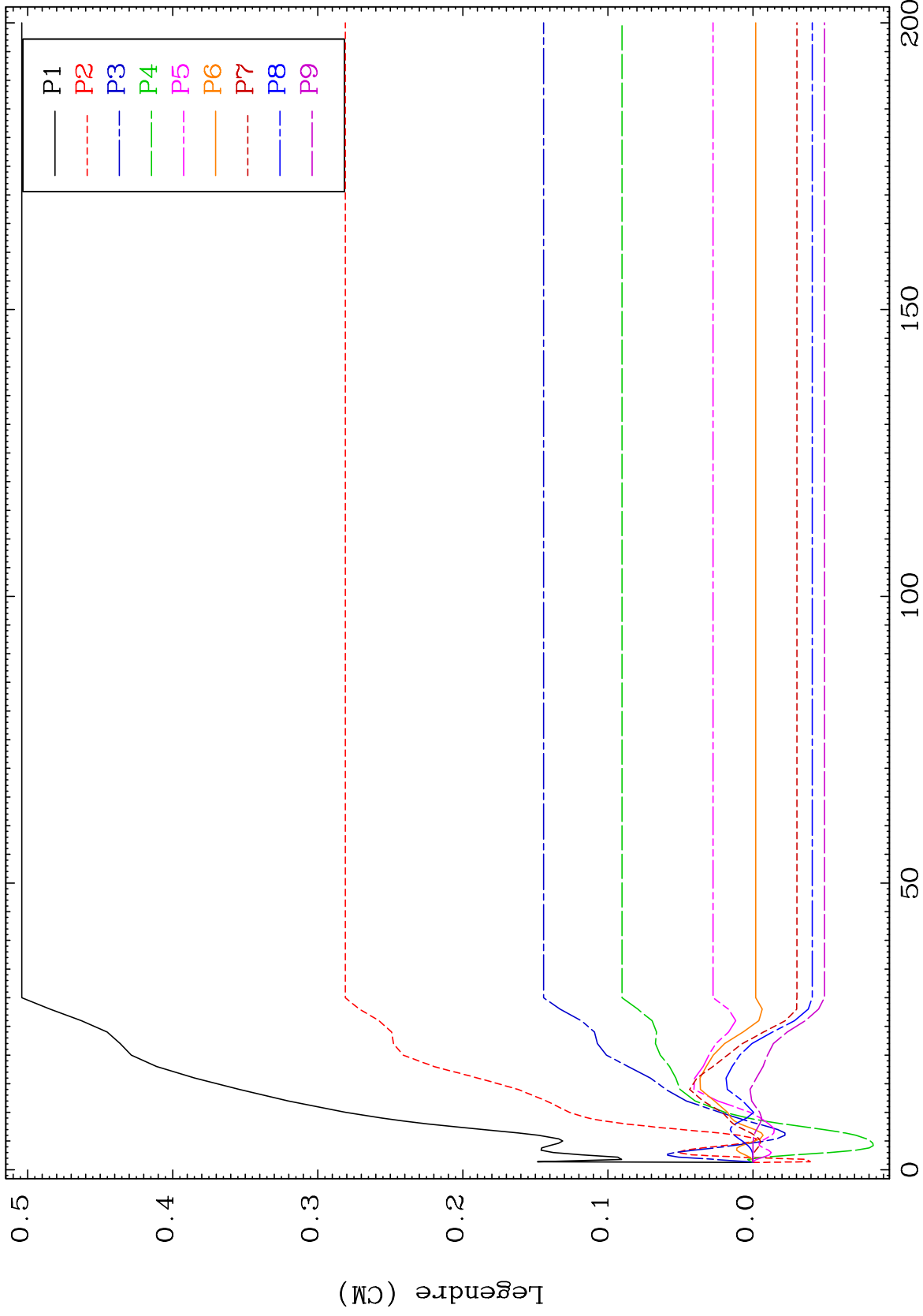




MAT 5586

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

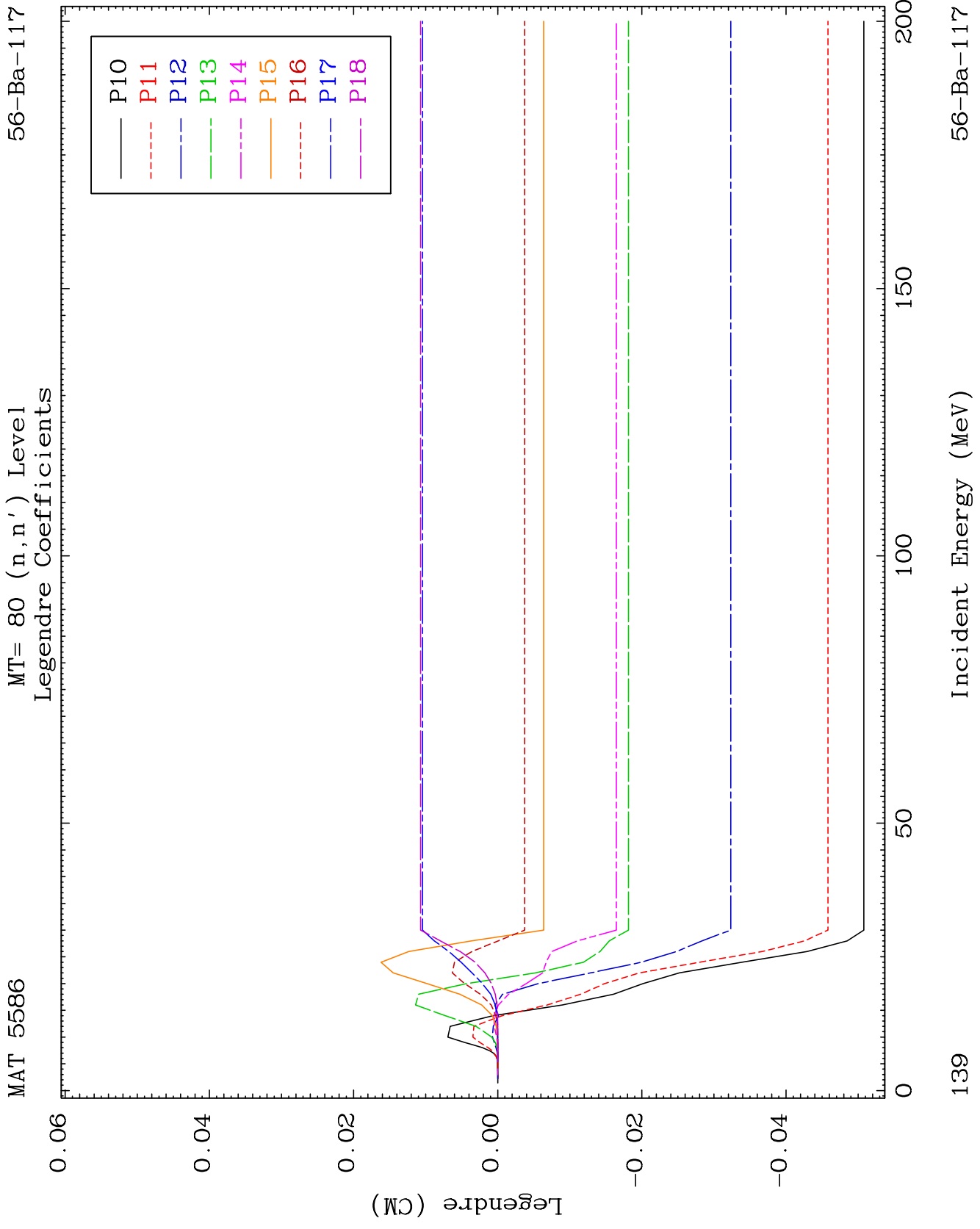
56-Ba-117



138

Incident Energy (MeV)

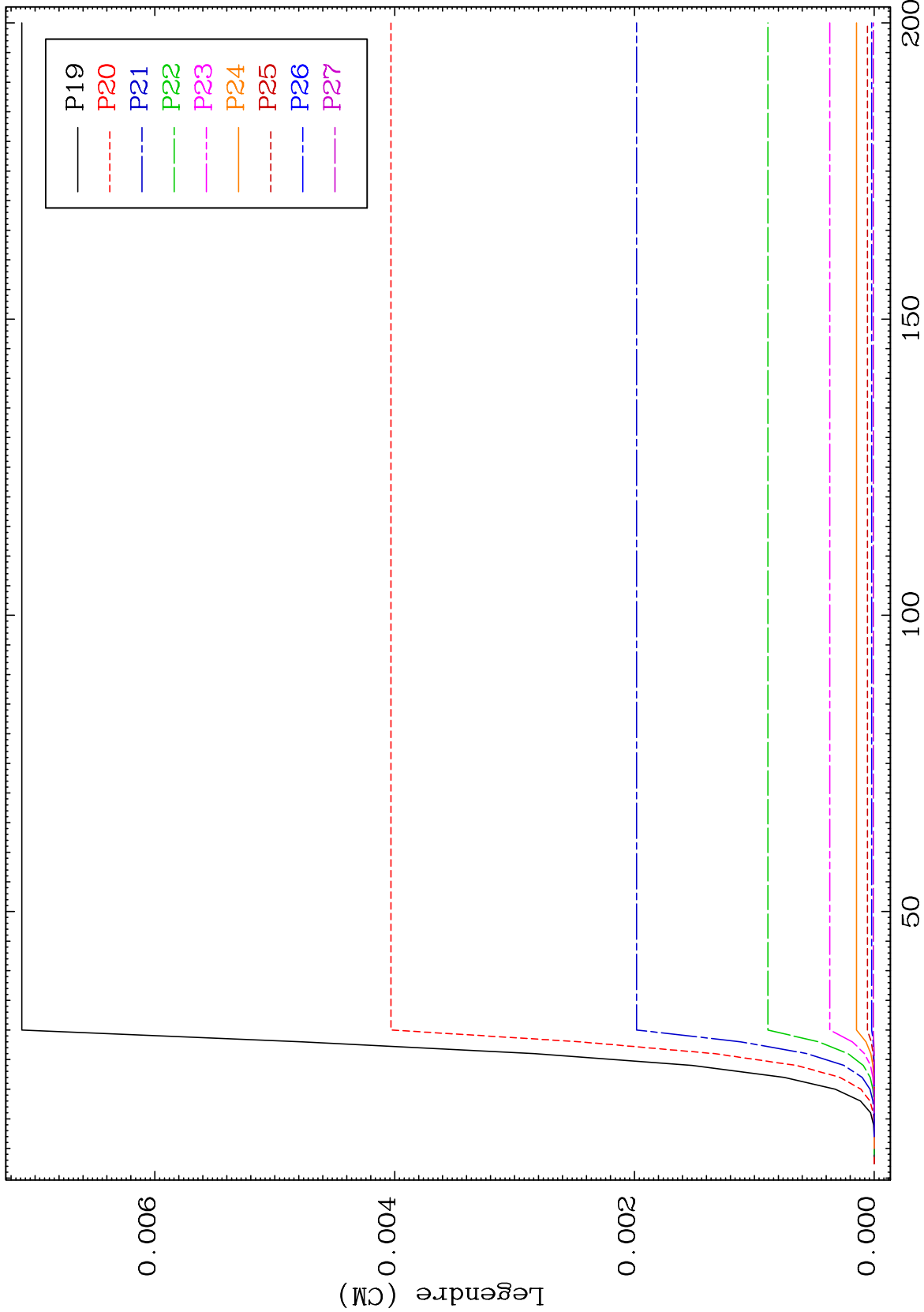
56-Ba-117



MAT 5586

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

56-Ba-117



140

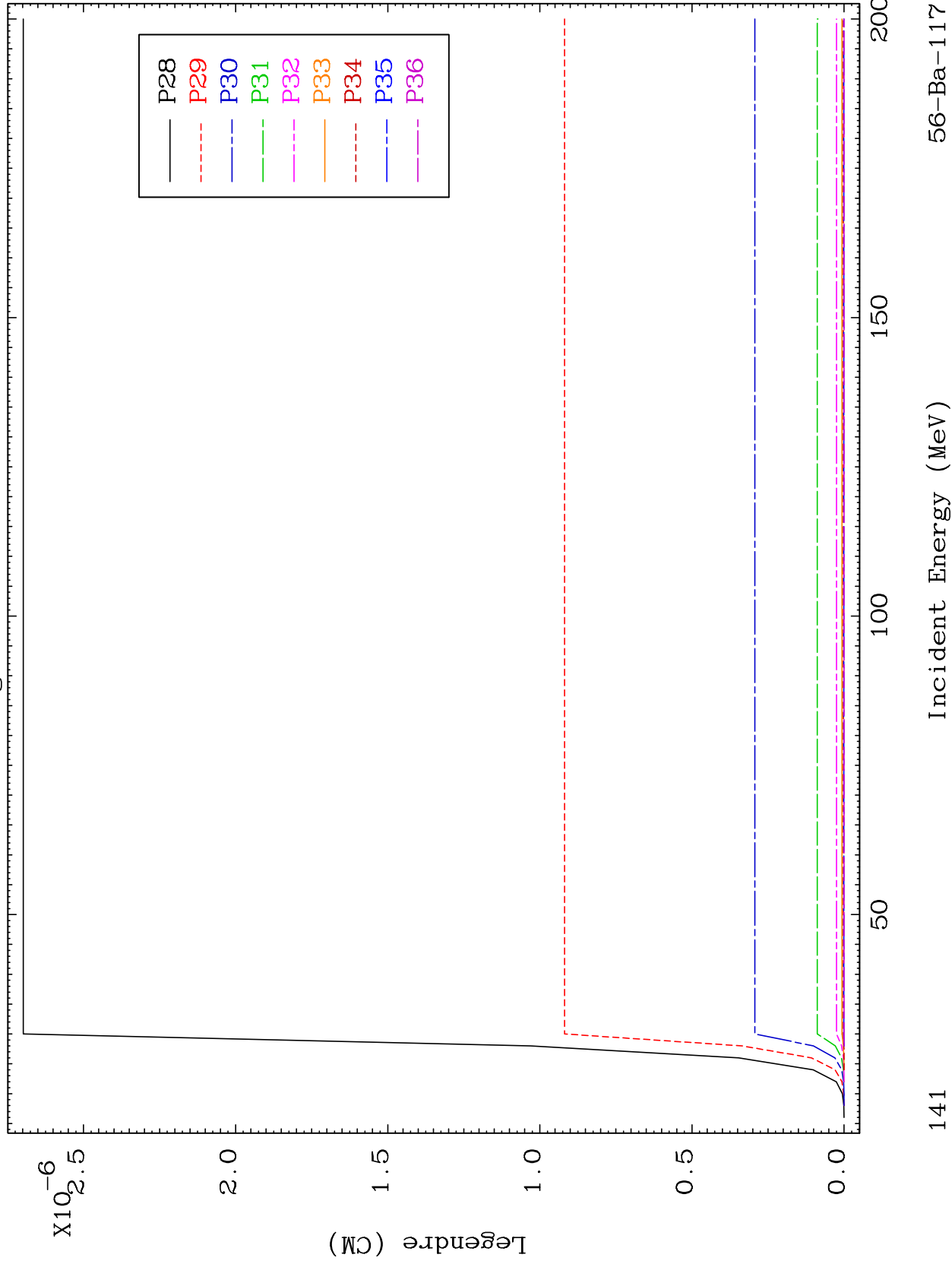
Incident Energy (MeV)

56-Ba-117

MAT 5586

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

56-Ba-117

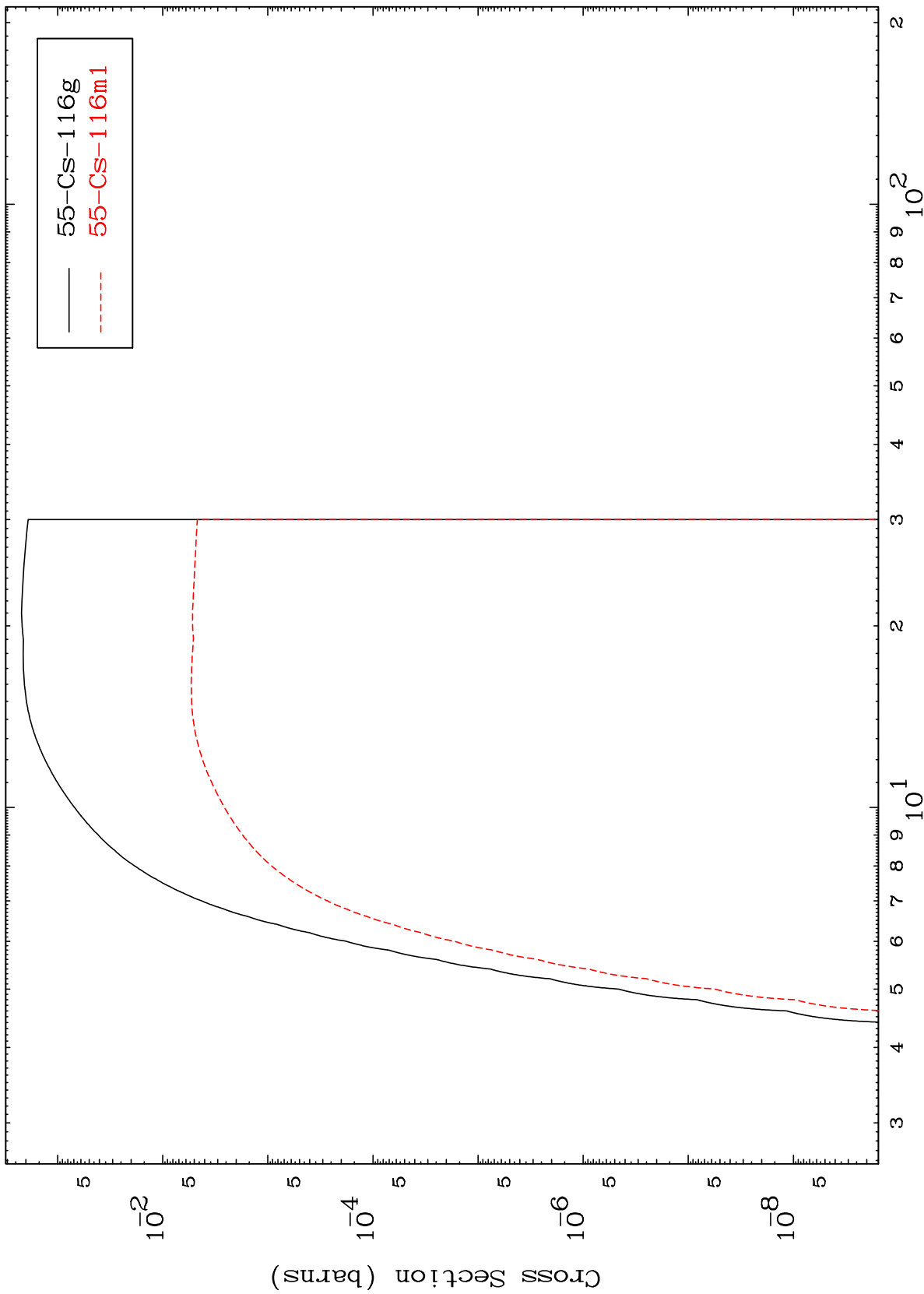


141

MAT 5586

56-Ba-117

(n, n') p
Radionuclide Production Cross Section



56-Ba-117

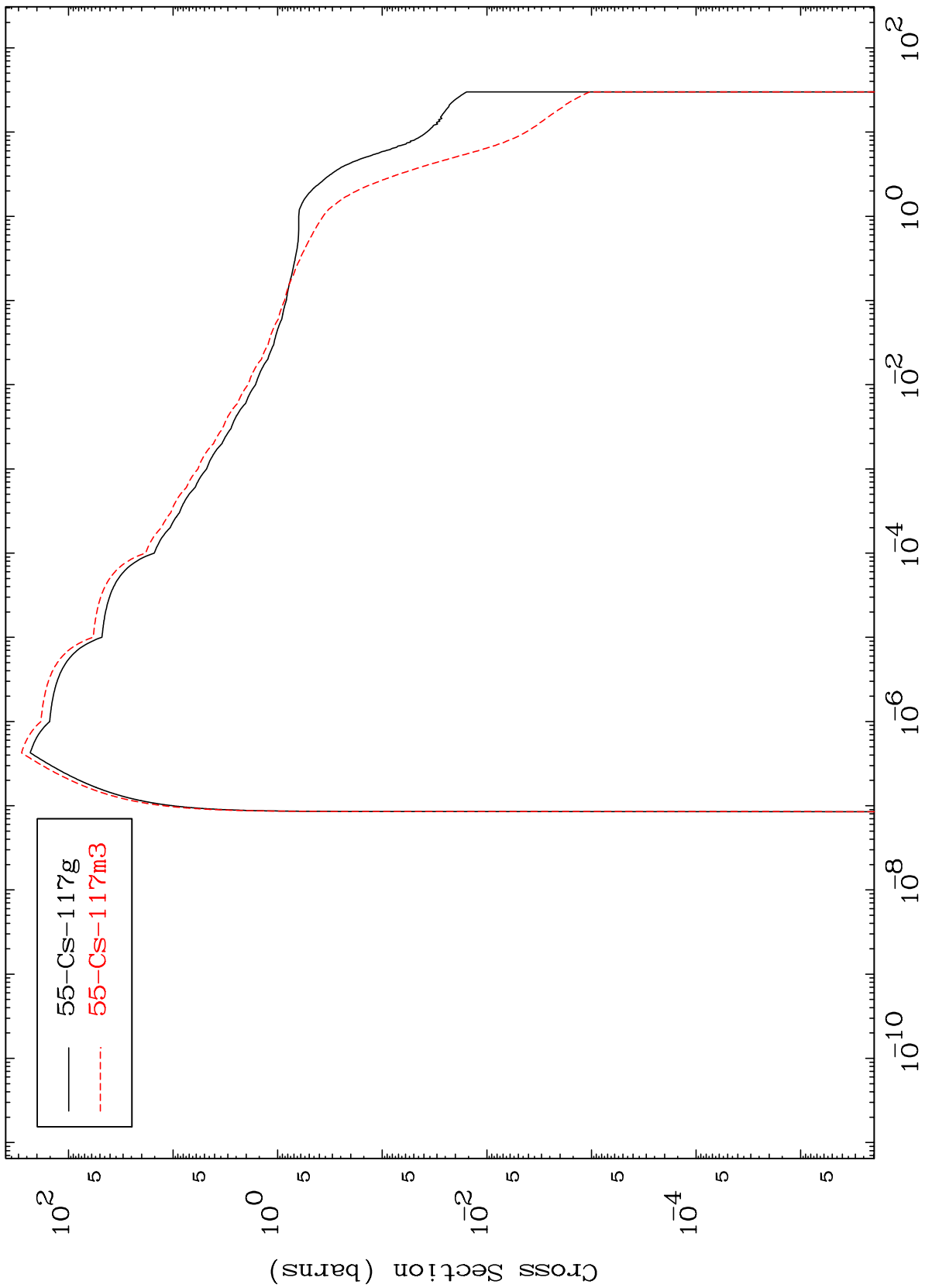
Incident Energy (MeV)

142

MAT 5586

56-Ba-117

(n,p)
Radionuclide Production Cross Section



55-Cs-117g
55-Cs-117m3

56-Ba-117

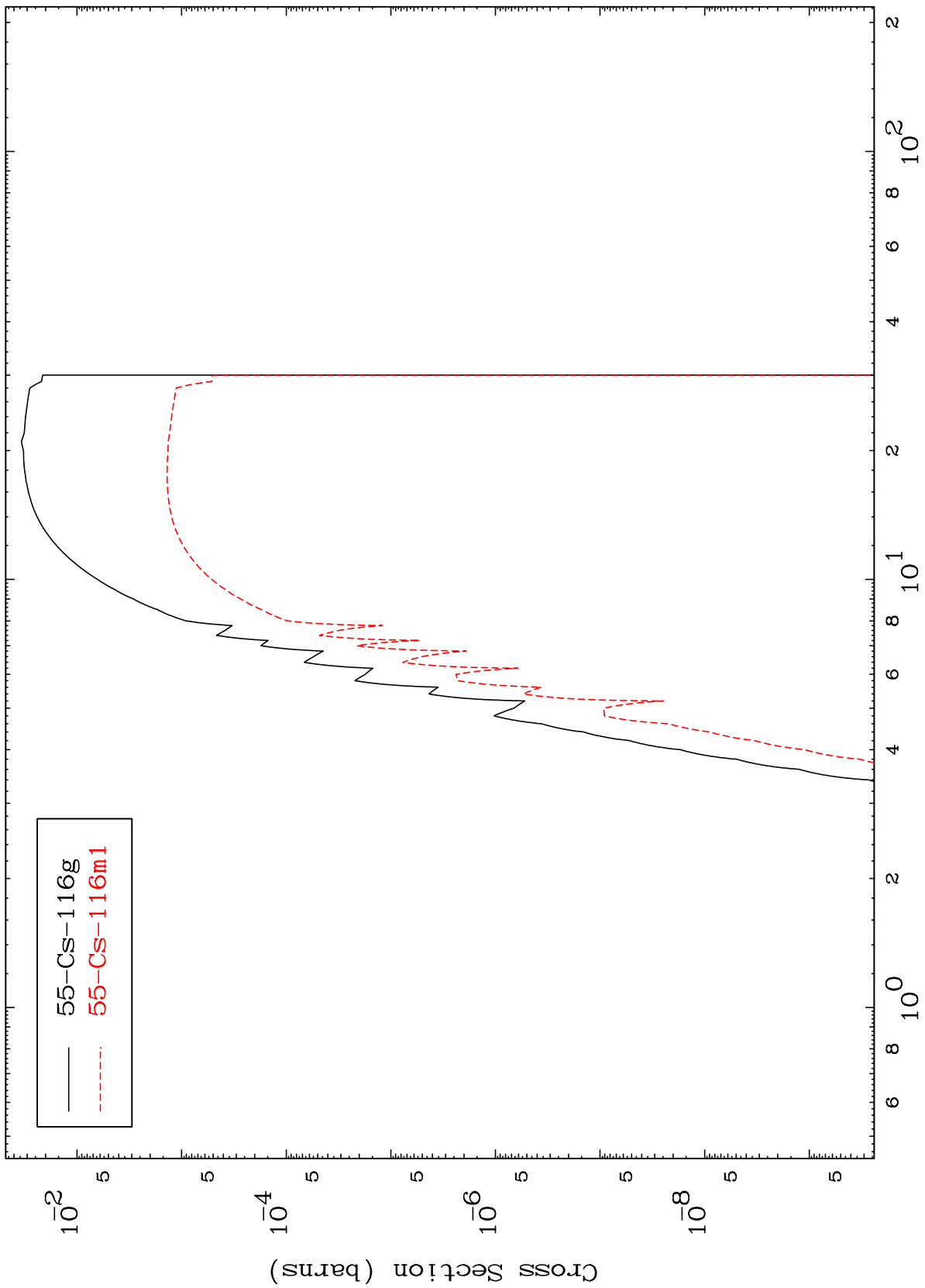
Incident Energy (MeV)

143

MAT 5586

56-Ba-117

(n,d)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

56-Ba-117