

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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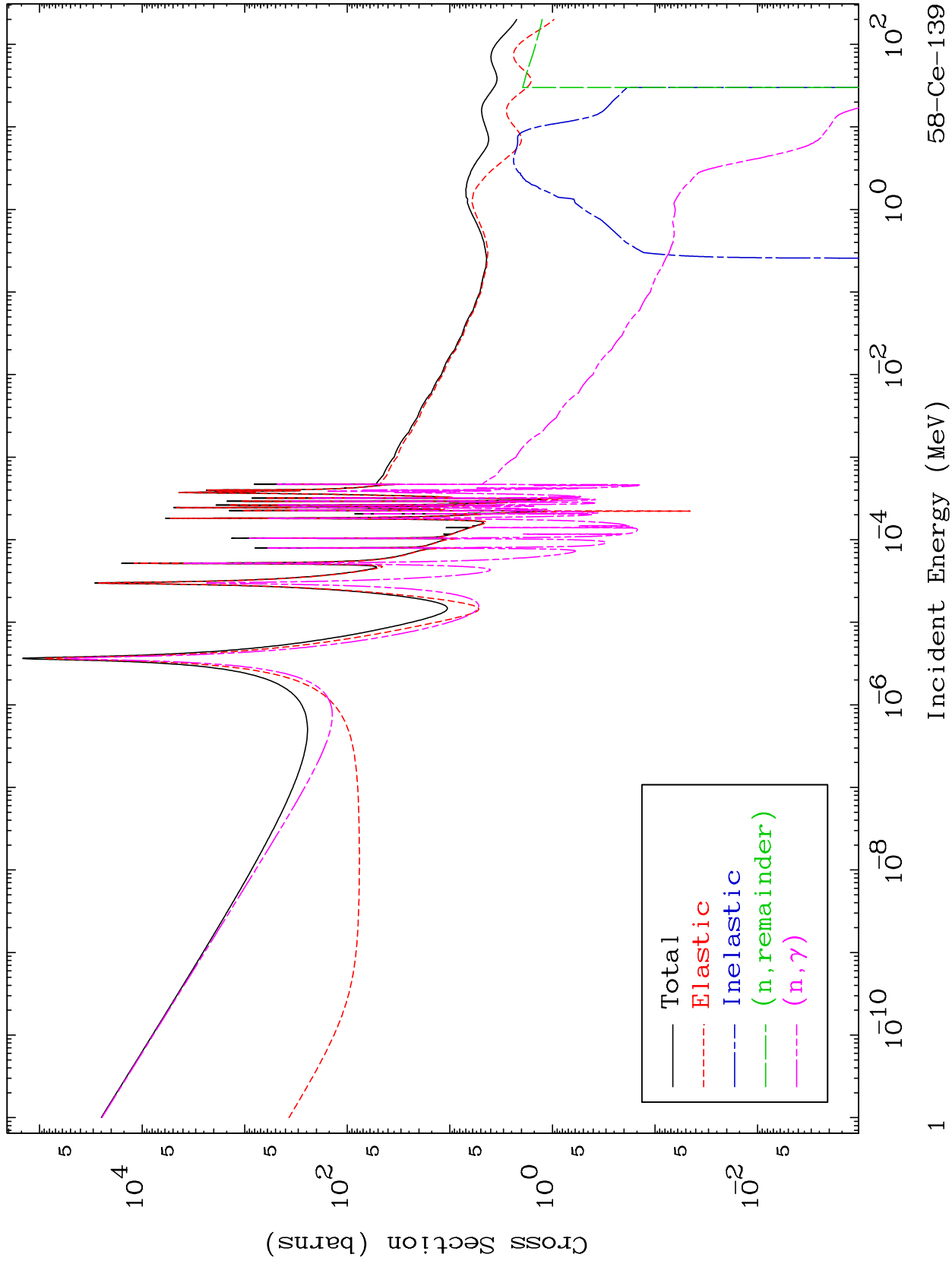
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5834

Major
293 Kelvin Cross Sections

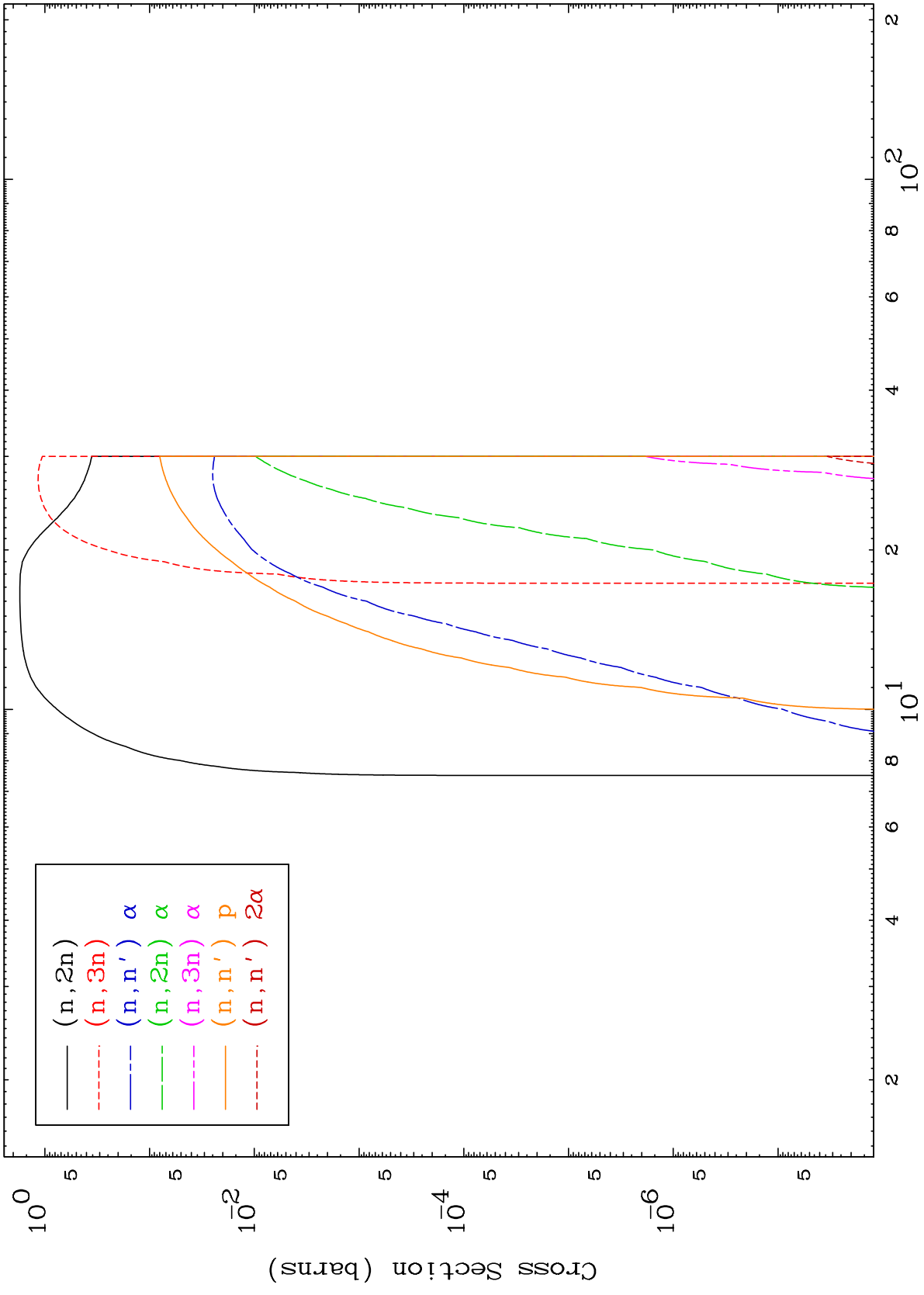
58-Ce-139



MAT 5834

Neutron Production
293 Kelvin Cross Sections

58-Ce-139



2

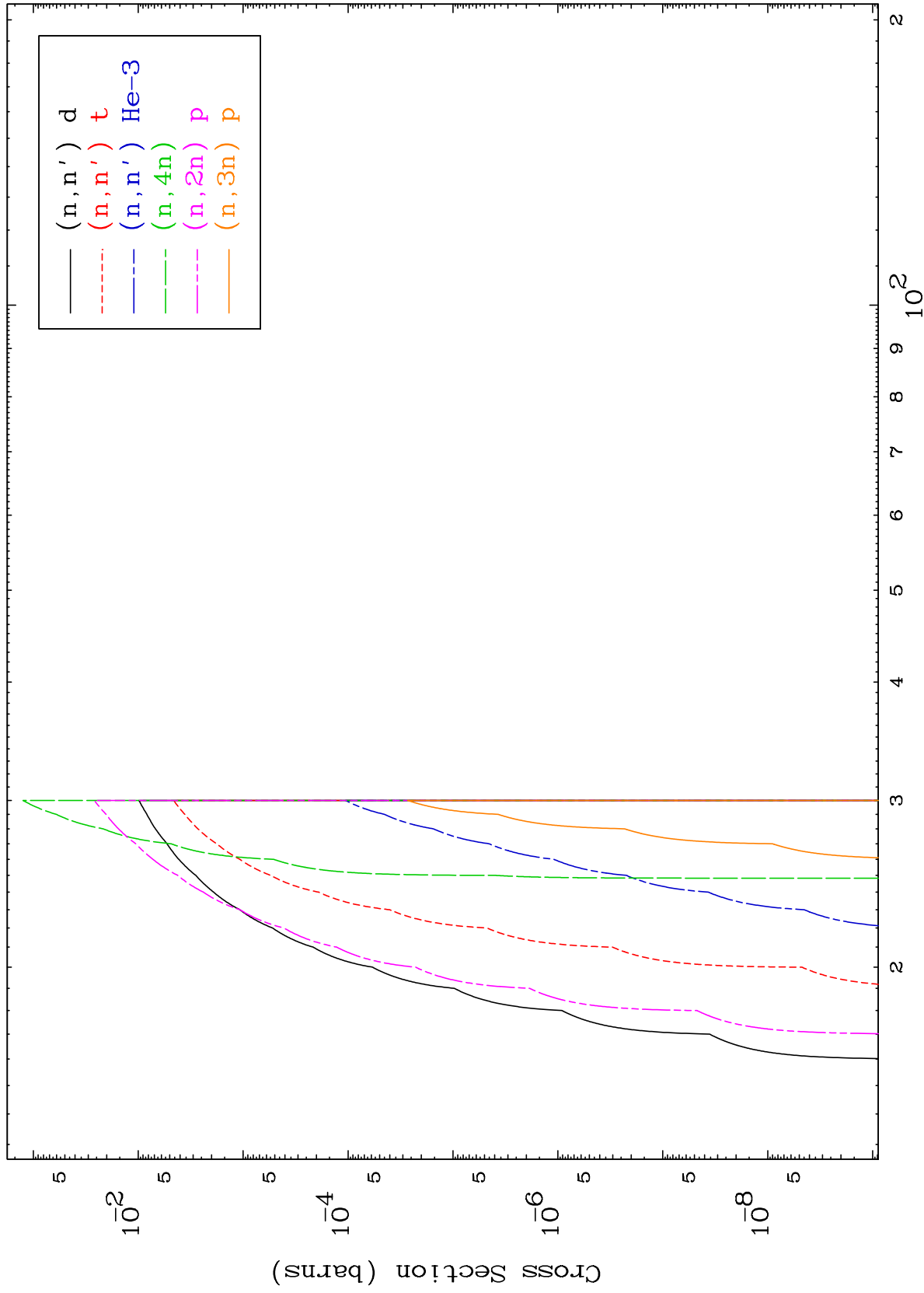
Incident Energy (MeV)

58-Ce-139

MAT 5834

Neutron Production
293 Kelvin Cross Sections

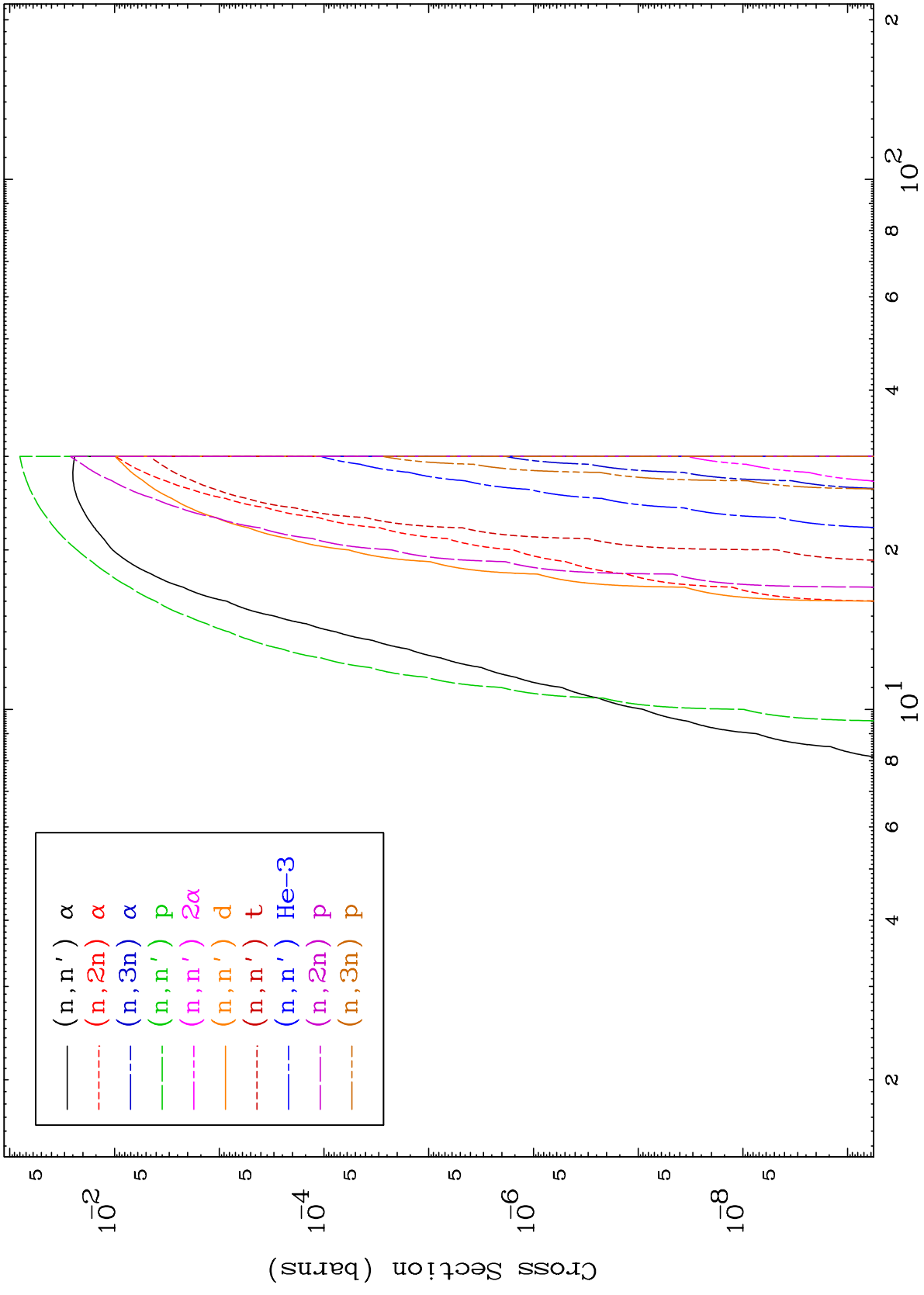
58-Ce-139



3

Incident Energy (MeV)

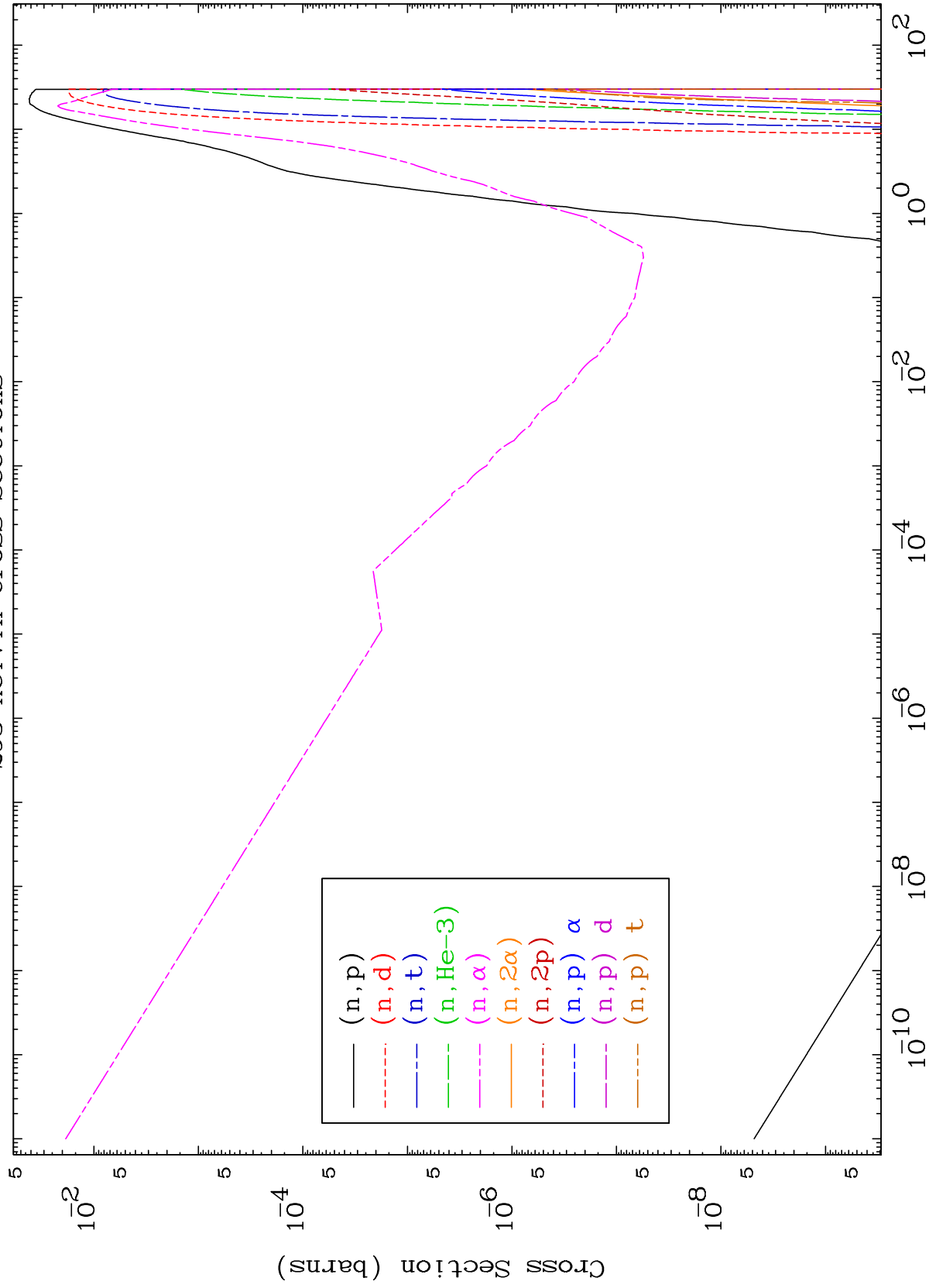
58-Ce-139



MAT 5834

293 Charged Particle
Kelvin Cross Sections

58-Ce-139

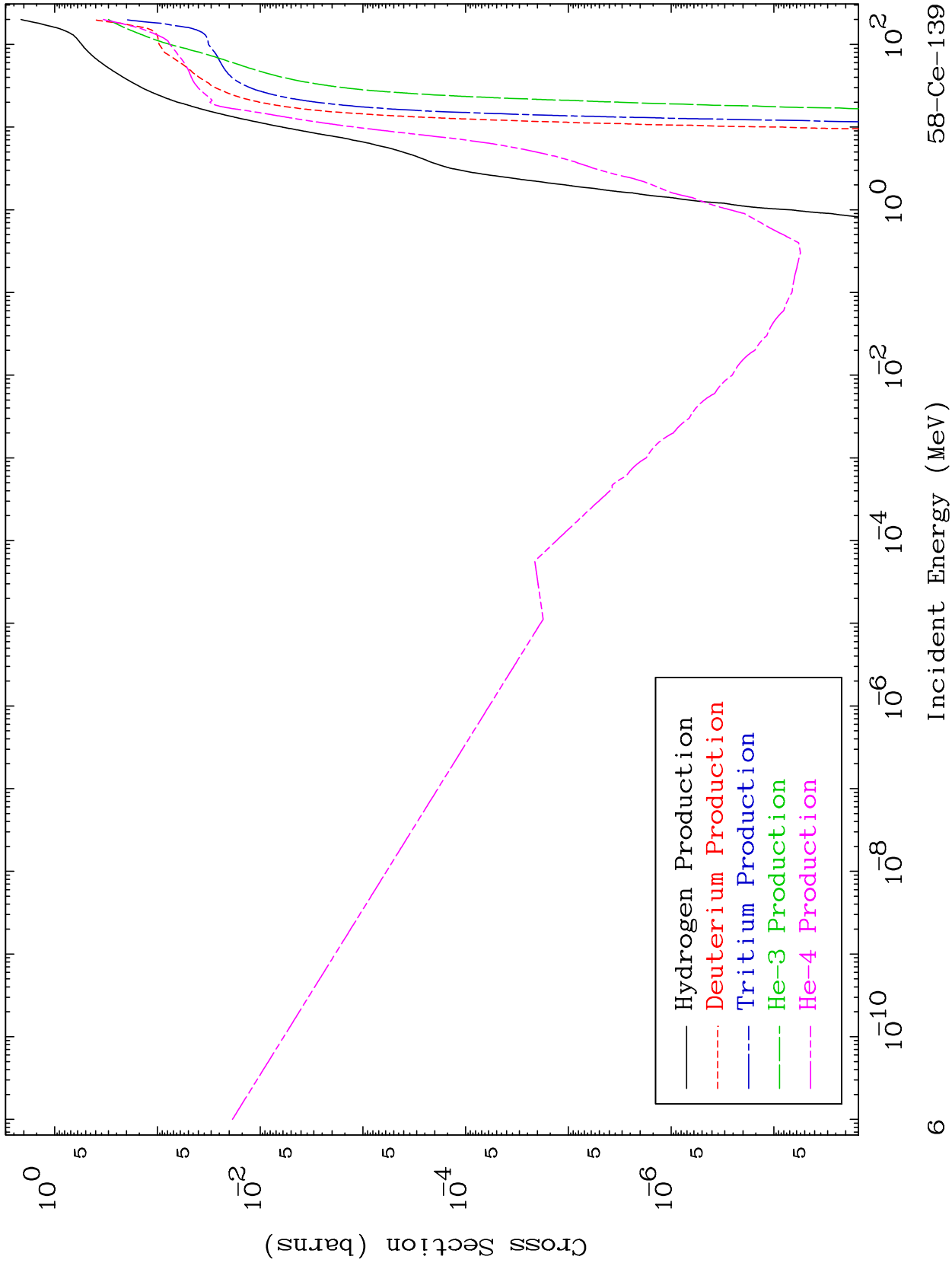


5

MAT 5834

Particle Production
293 Kelvin Cross Sections

58-Ce-139

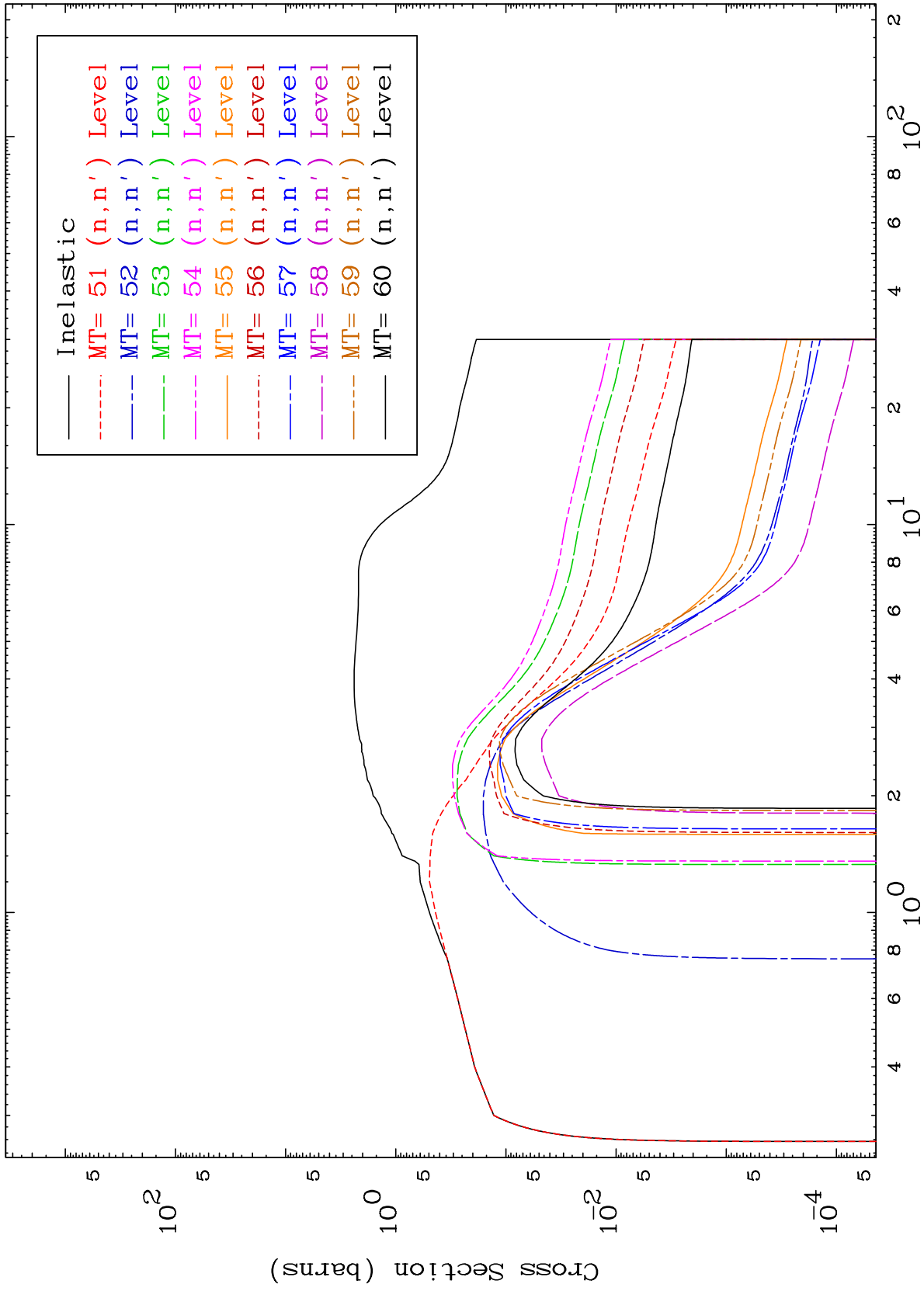


MAT 5834

(n,n') Level

58-Ce-139

293 Kelvin Cross Sections



7

Incident Energy (MeV)

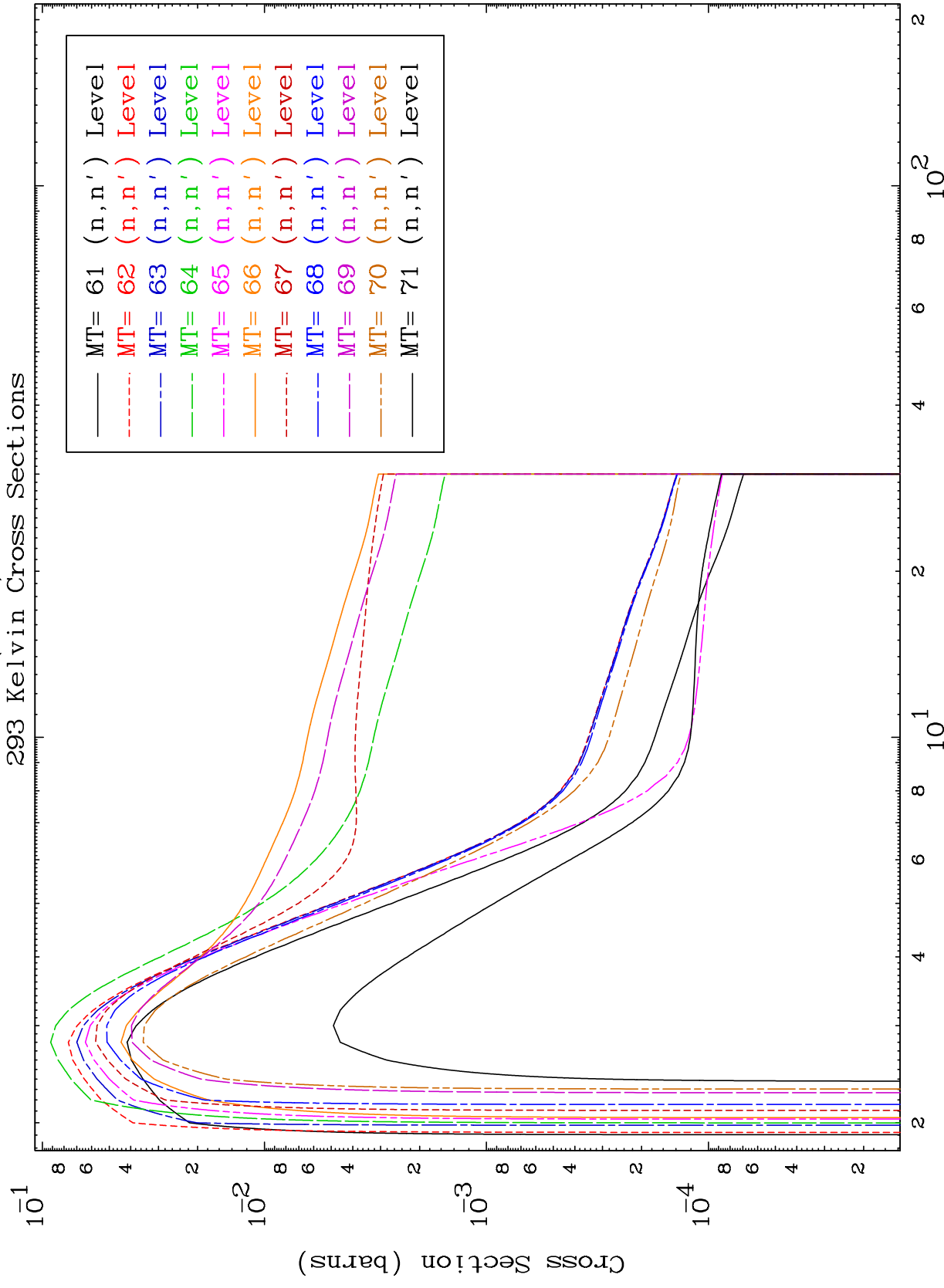
58-Ce-139

MAT 5834

(n,n') Level

58-Ce-139

293 Kelvin Cross Sections



8

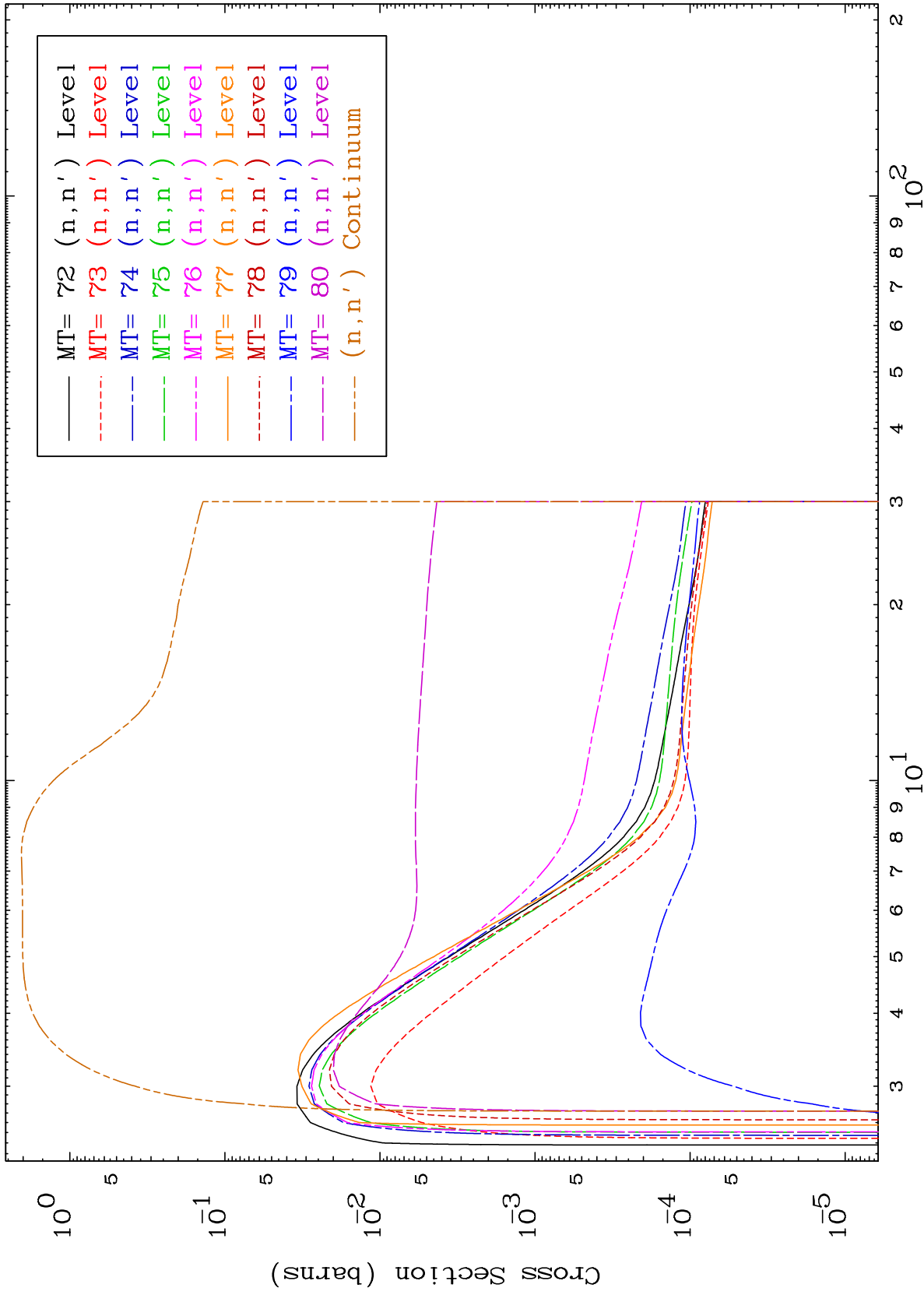
Incident Energy (MeV)

58-Ce-139

MAT 5834

(n,n') Level
293 Kelvin Cross Sections

58-Ce-139



9

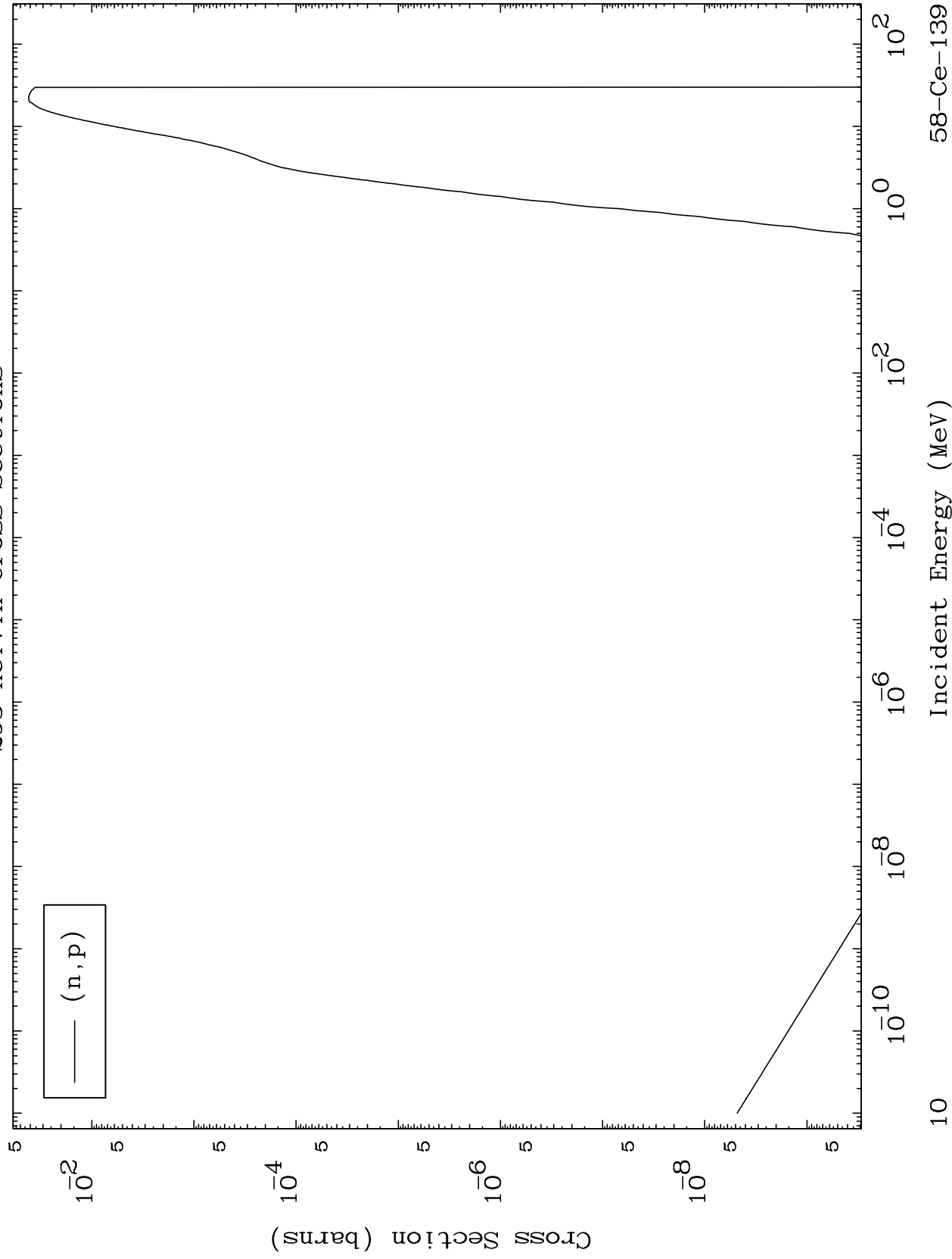
Incident Energy (MeV)

58-Ce-139

MAT 5834

(n,p) Levels
293 Kelvin Cross Sections

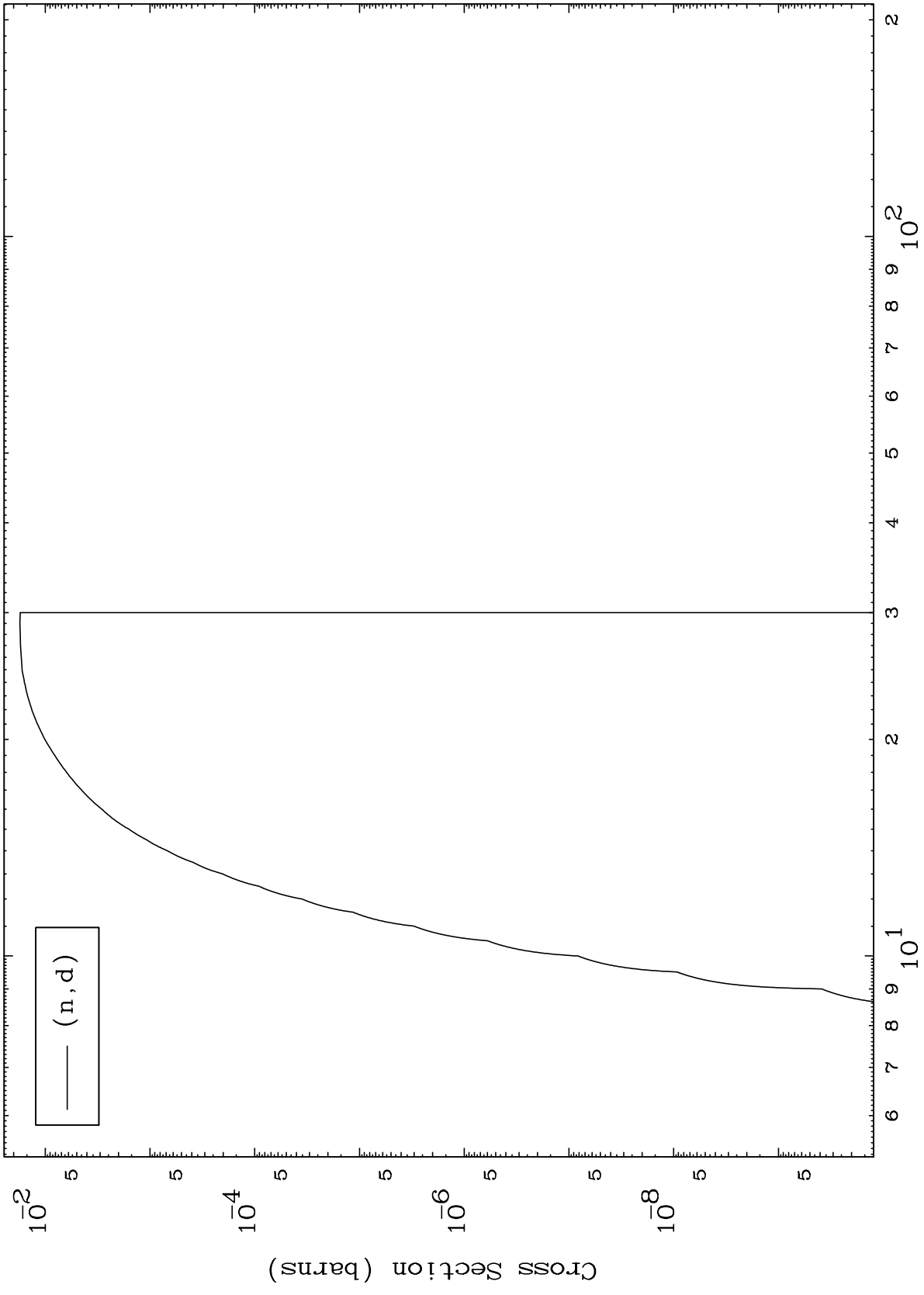
58-Ce-139



MAT 5834

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-139



11

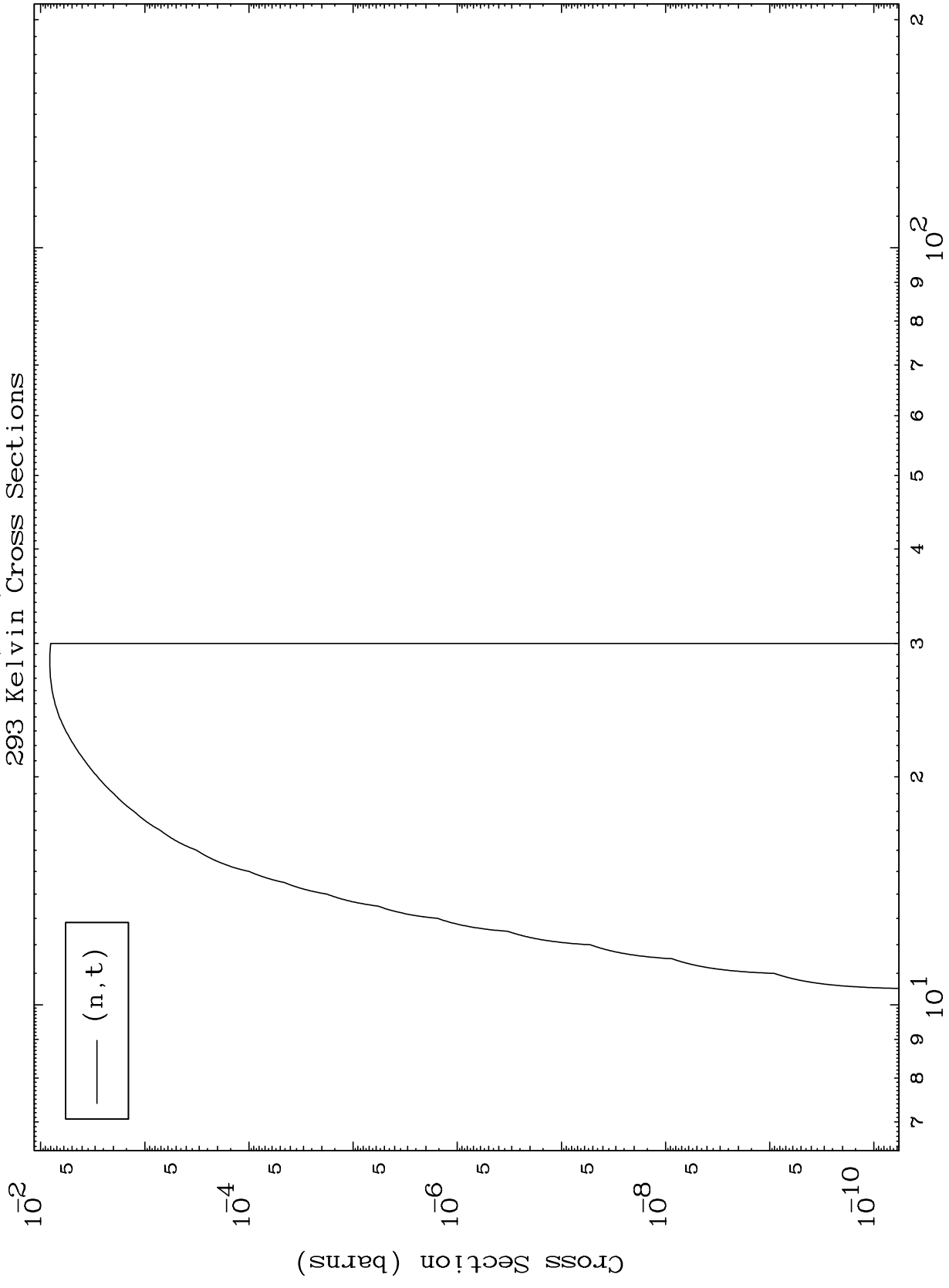
Incident Energy (MeV)

58-Ce-139

MAT 5834

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-139



12

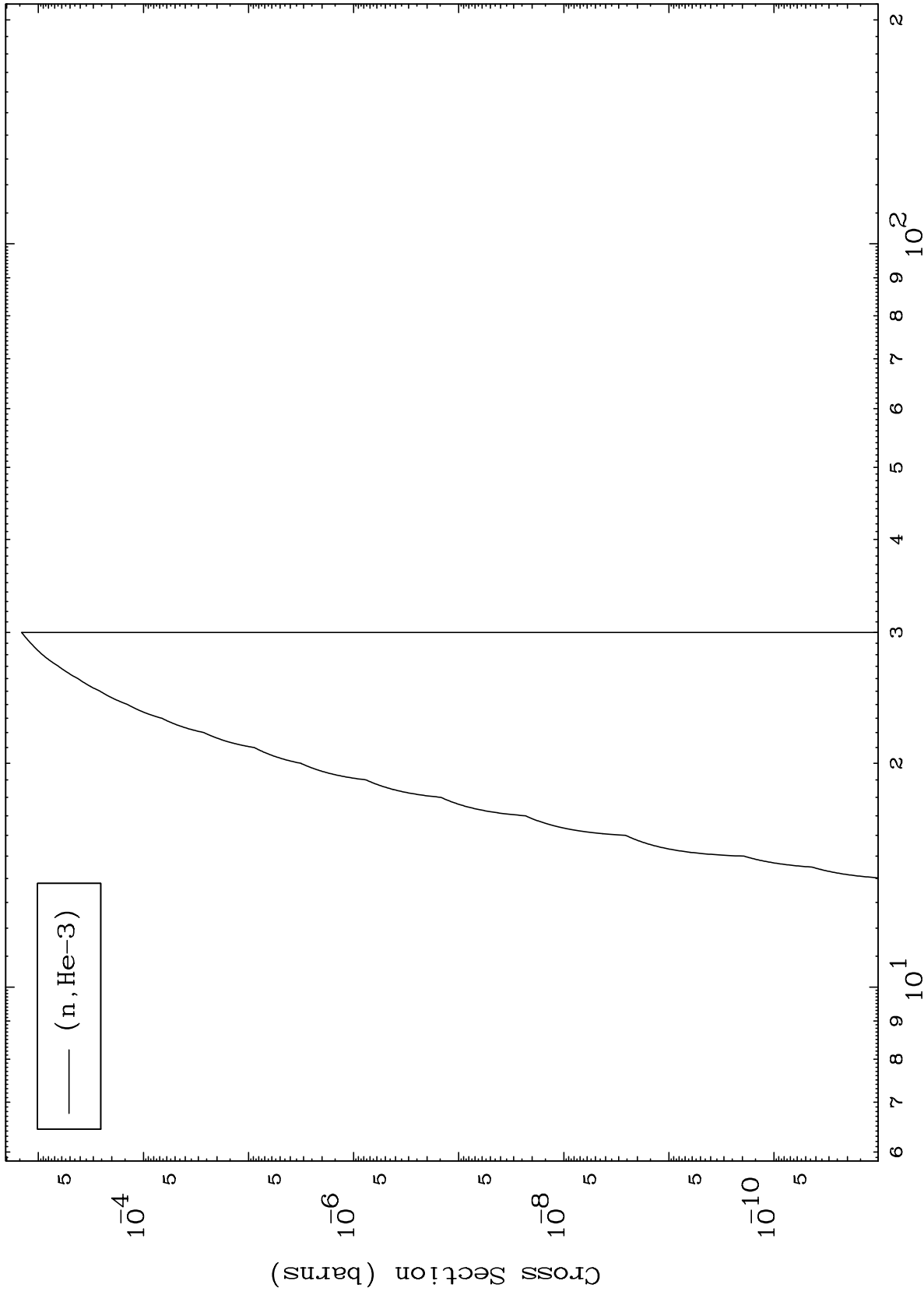
Incident Energy (MeV)

58-Ce-139

MAT 5834

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-139



13

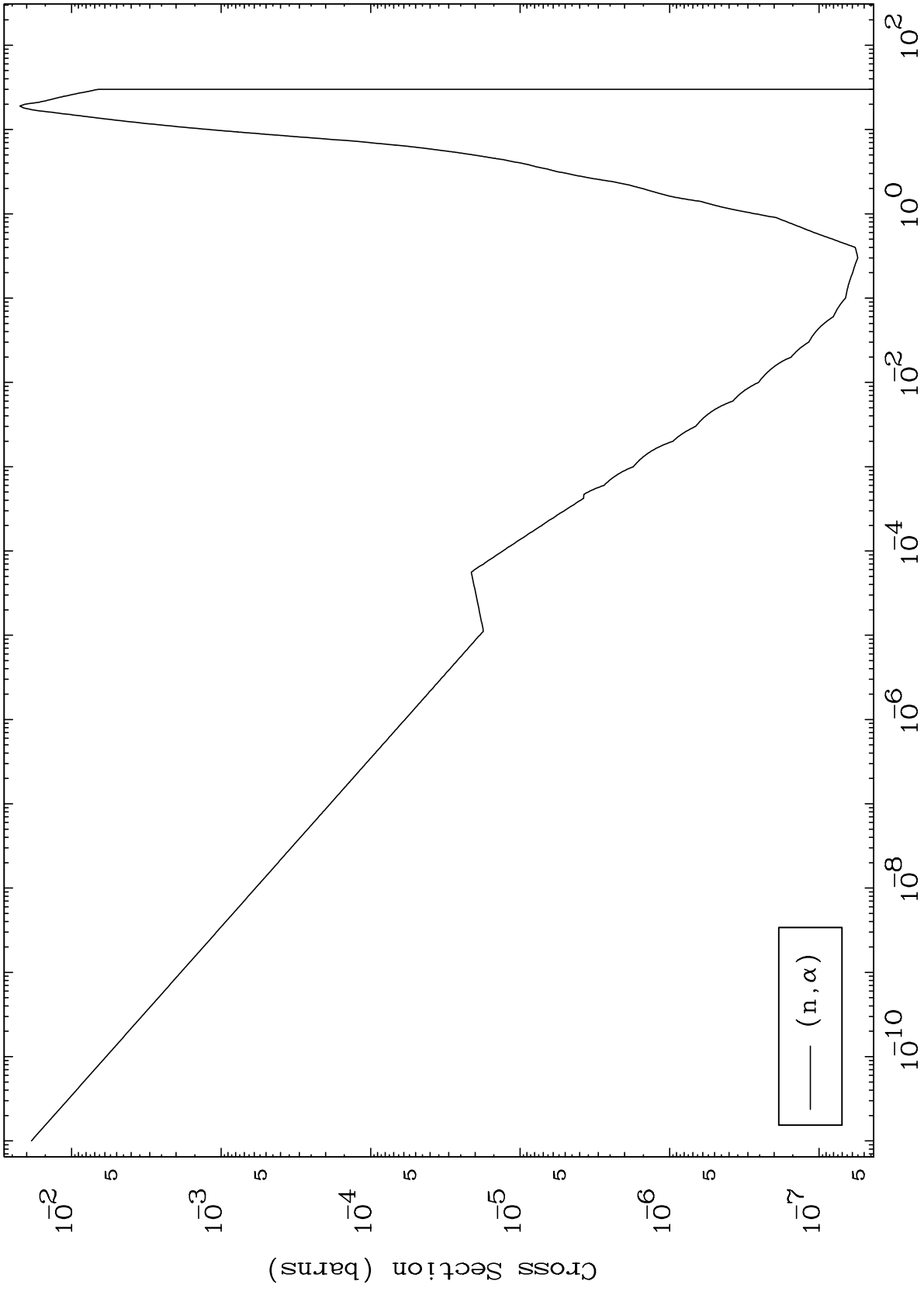
Incident Energy (MeV)

58-Ce-139

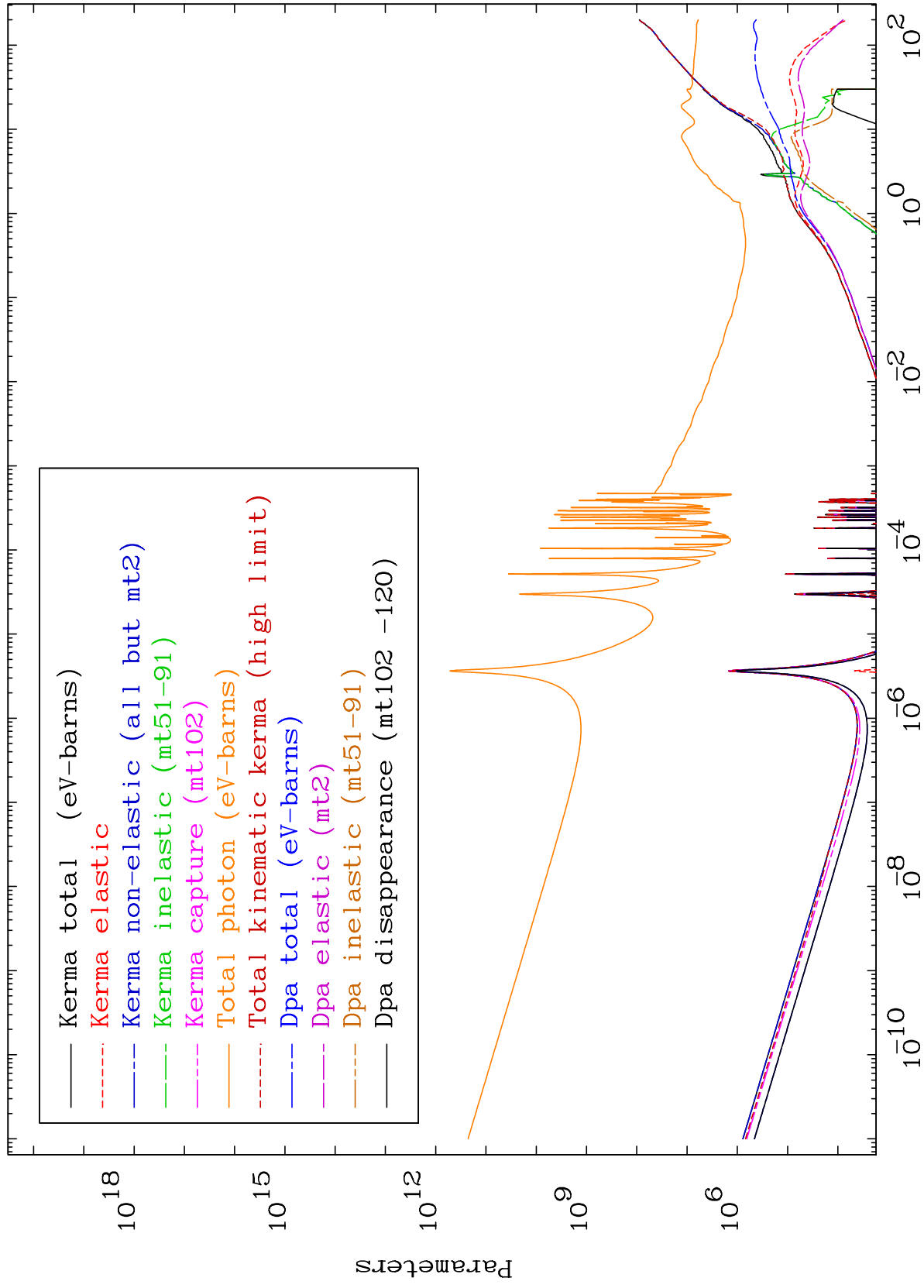
MAT 5834

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-139



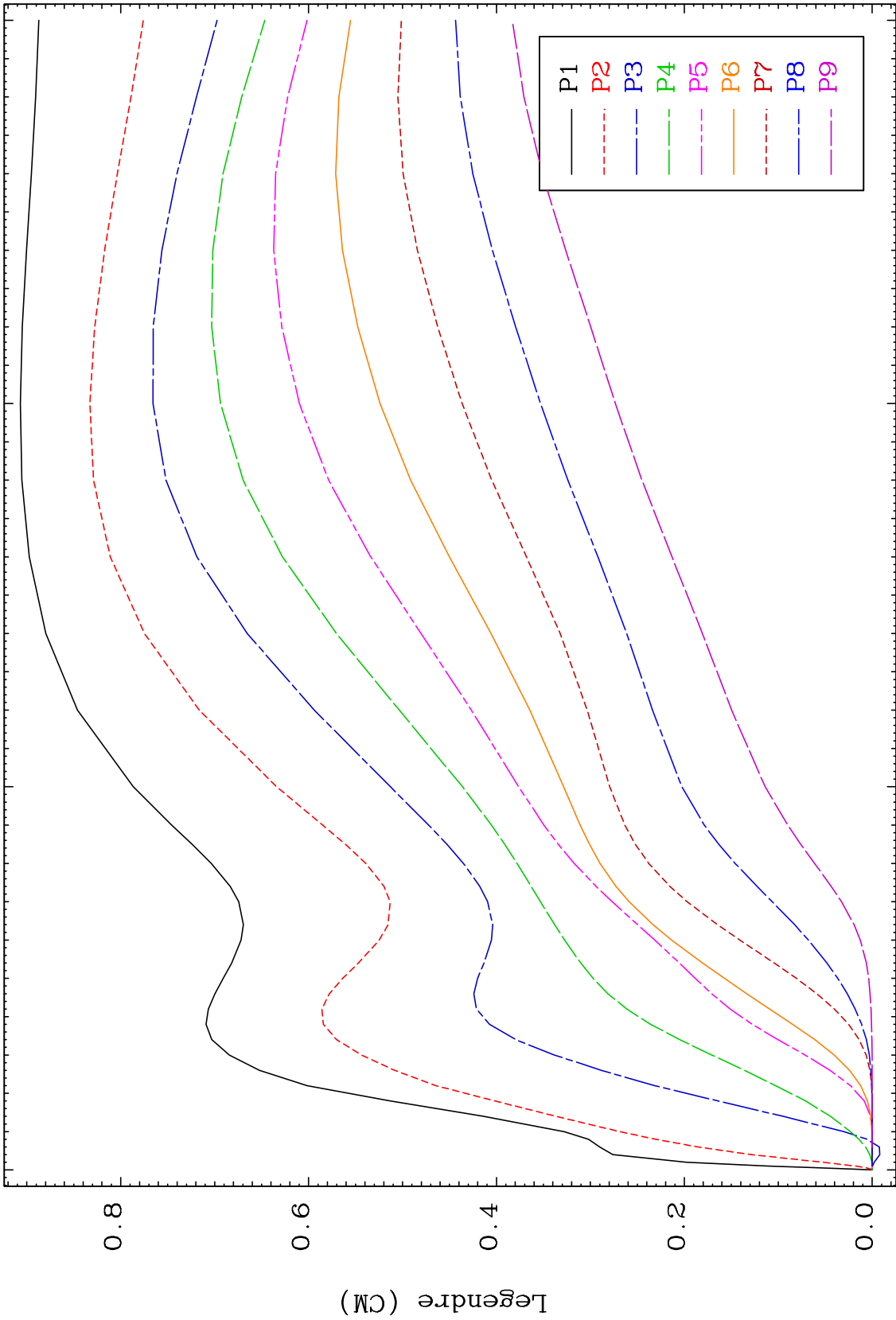
58-Ce-139



MAT 5834

Elastic Legendre Coefficients

58-Ce-139



58-Ce-139

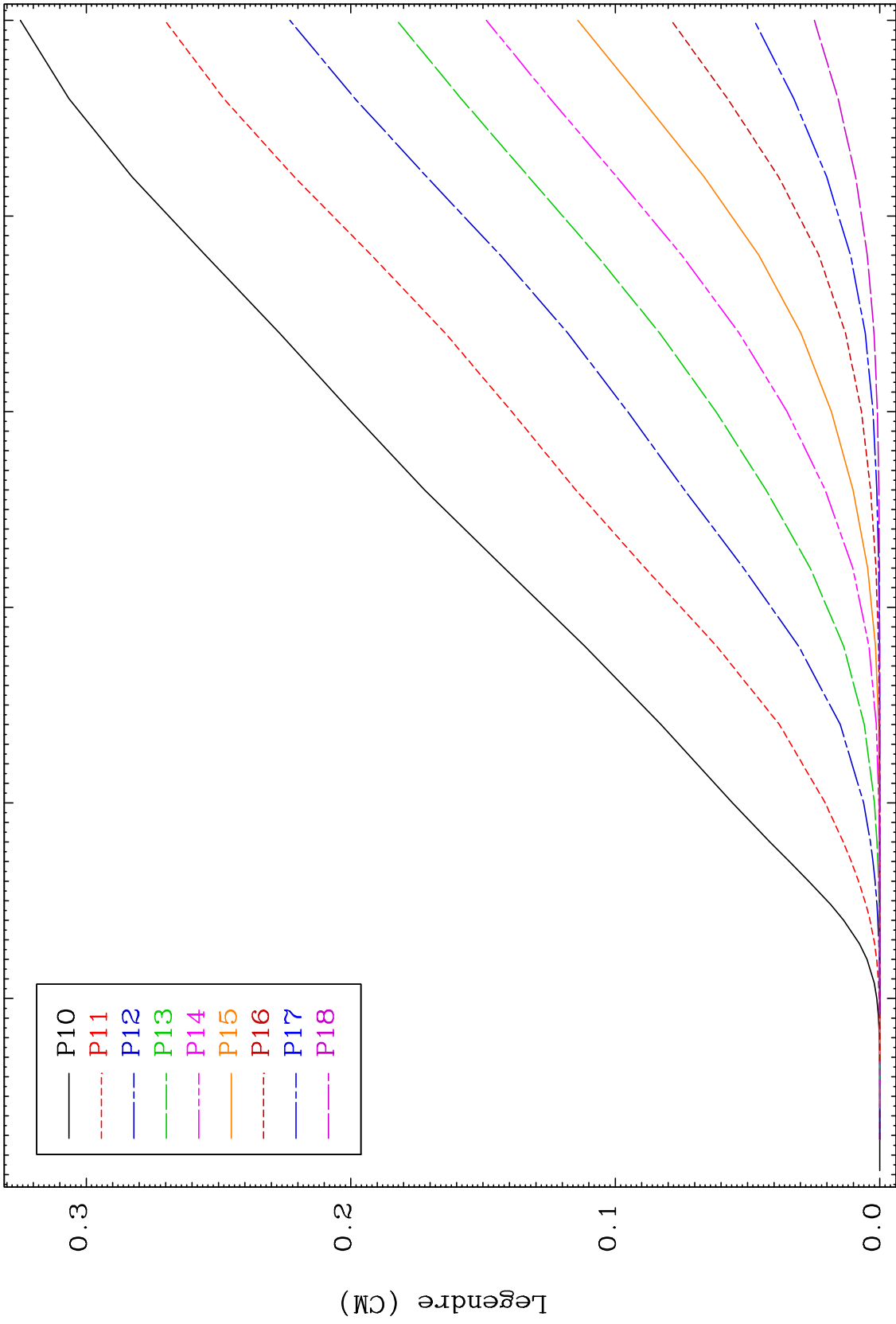
Incident Energy (MeV)

16

MAT 5834

Elastic Legendre Coefficients

58-Ce-139



17

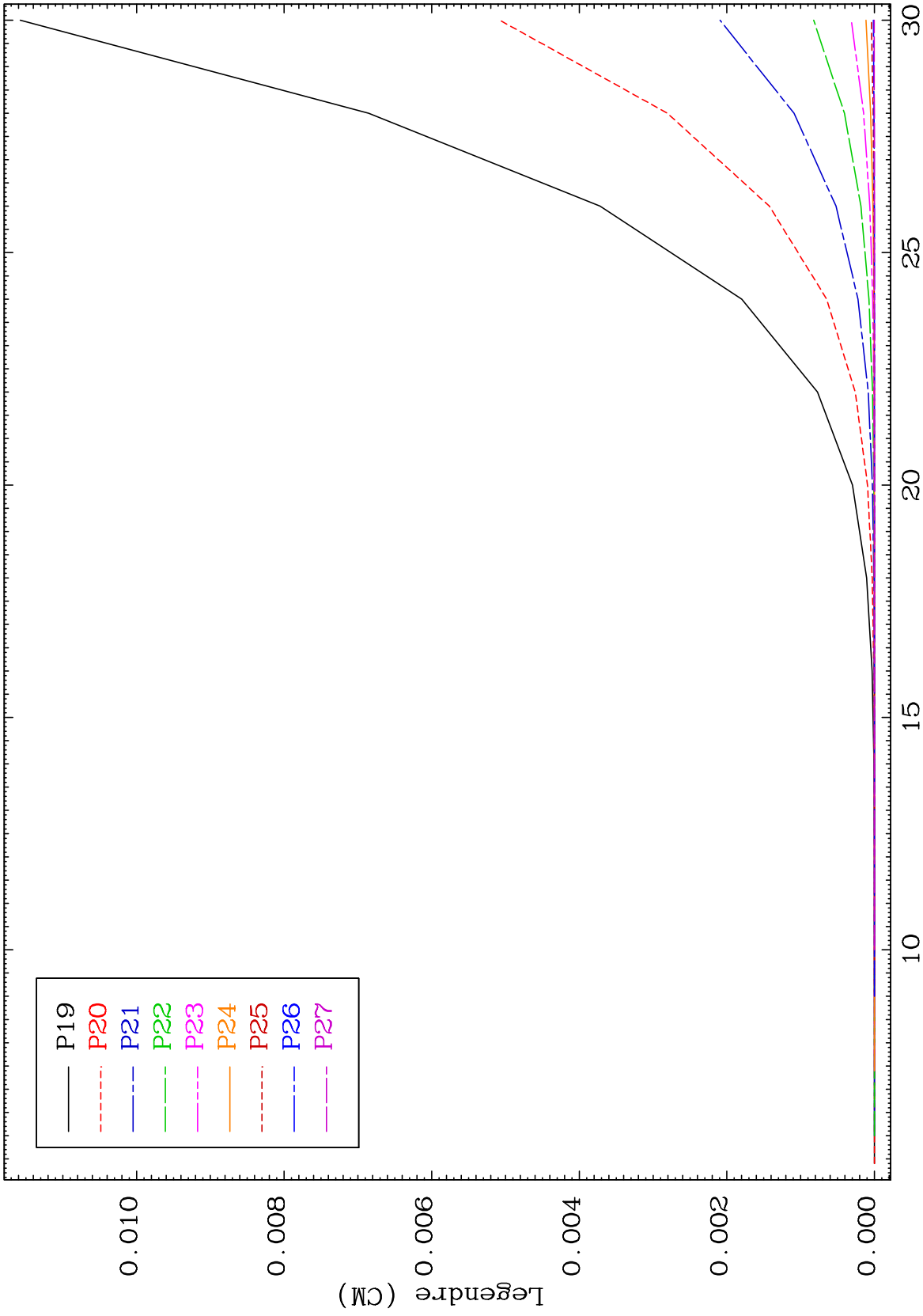
Incident Energy (MeV)

58-Ce-139

MAT 5834

Elastic Legendre Coefficients

58-Ce-139



18

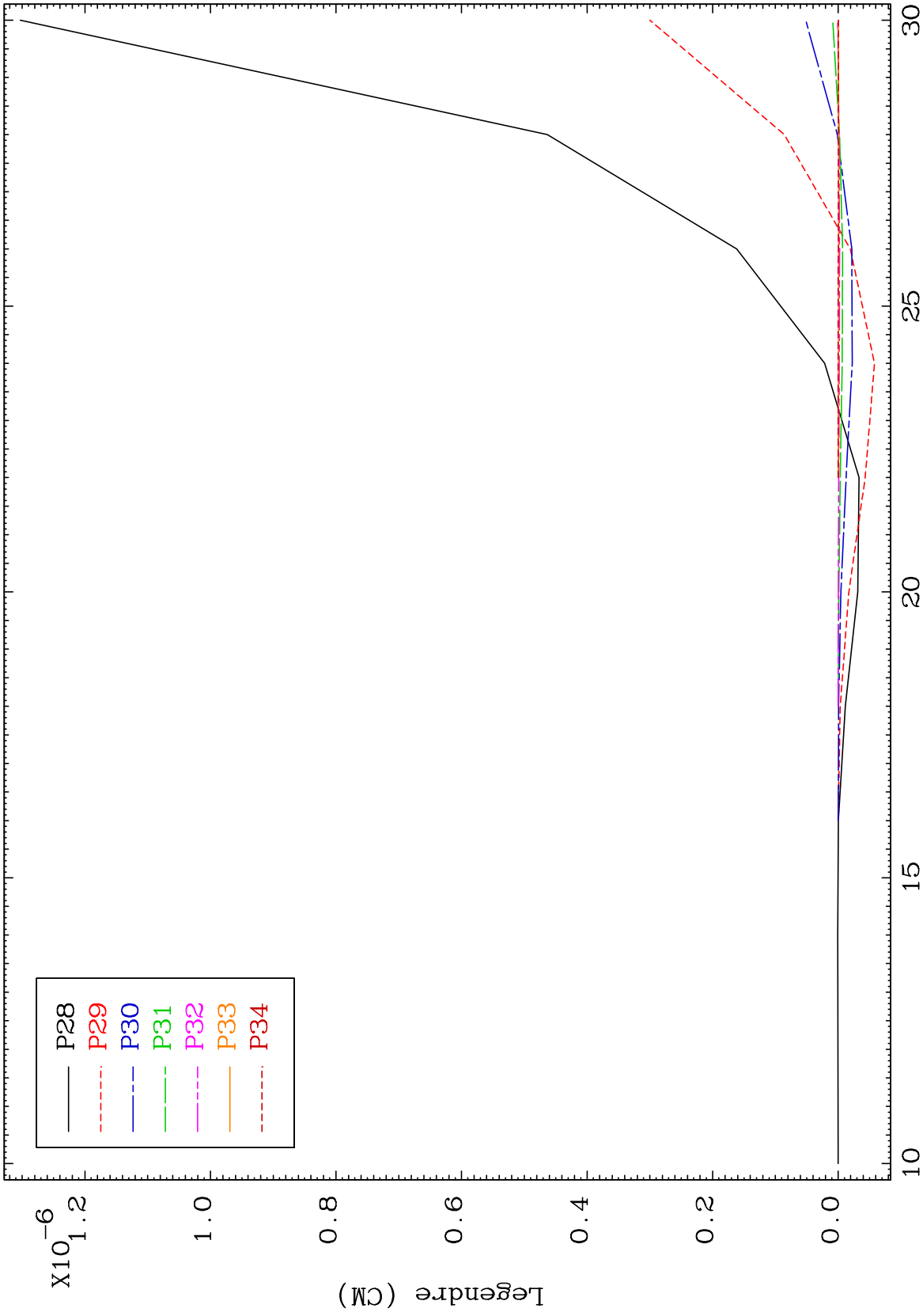
Incident Energy (MeV)

58-Ce-139

MAT 5834

Elastic Legendre Coefficients

58-Ce-139



19

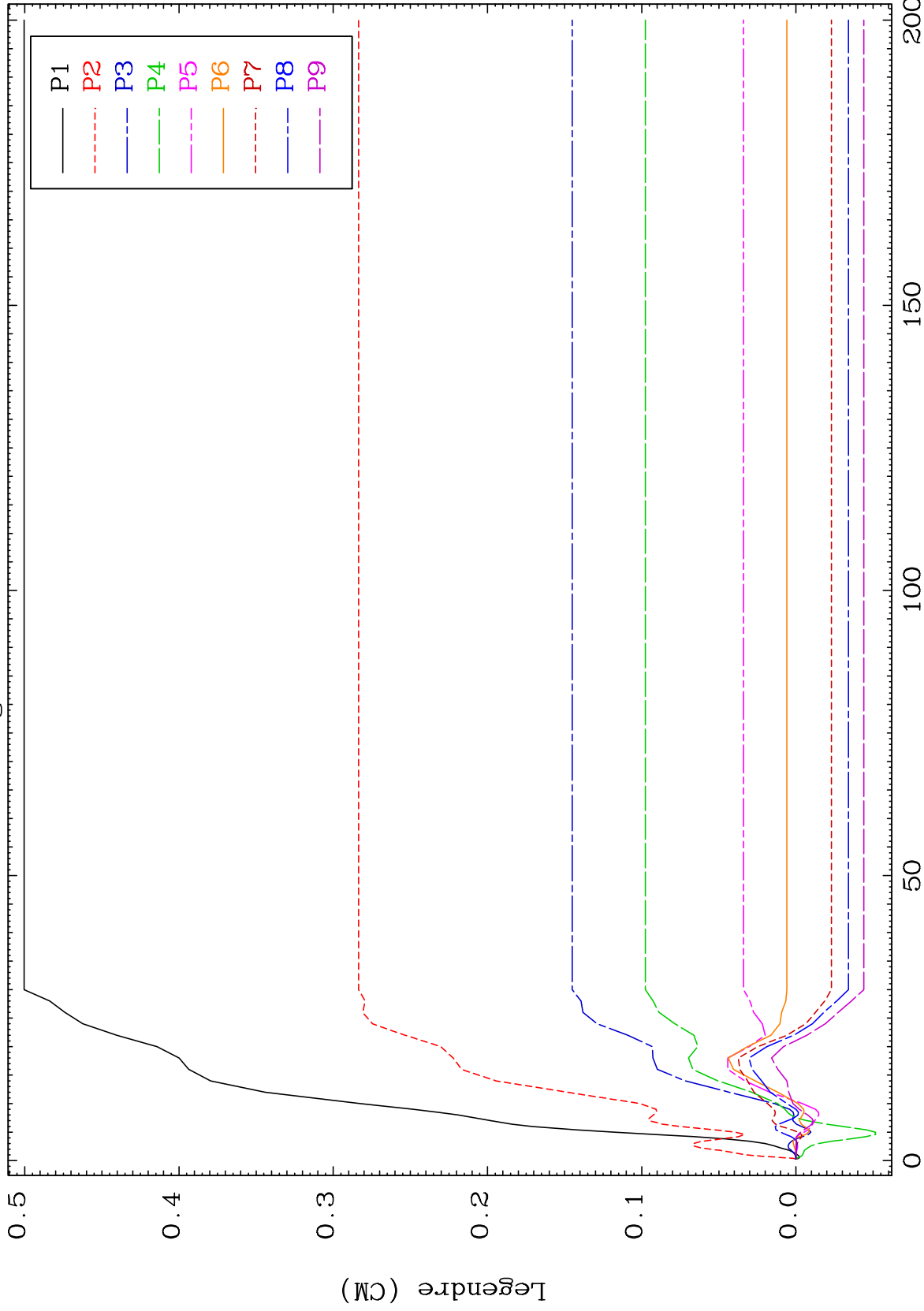
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



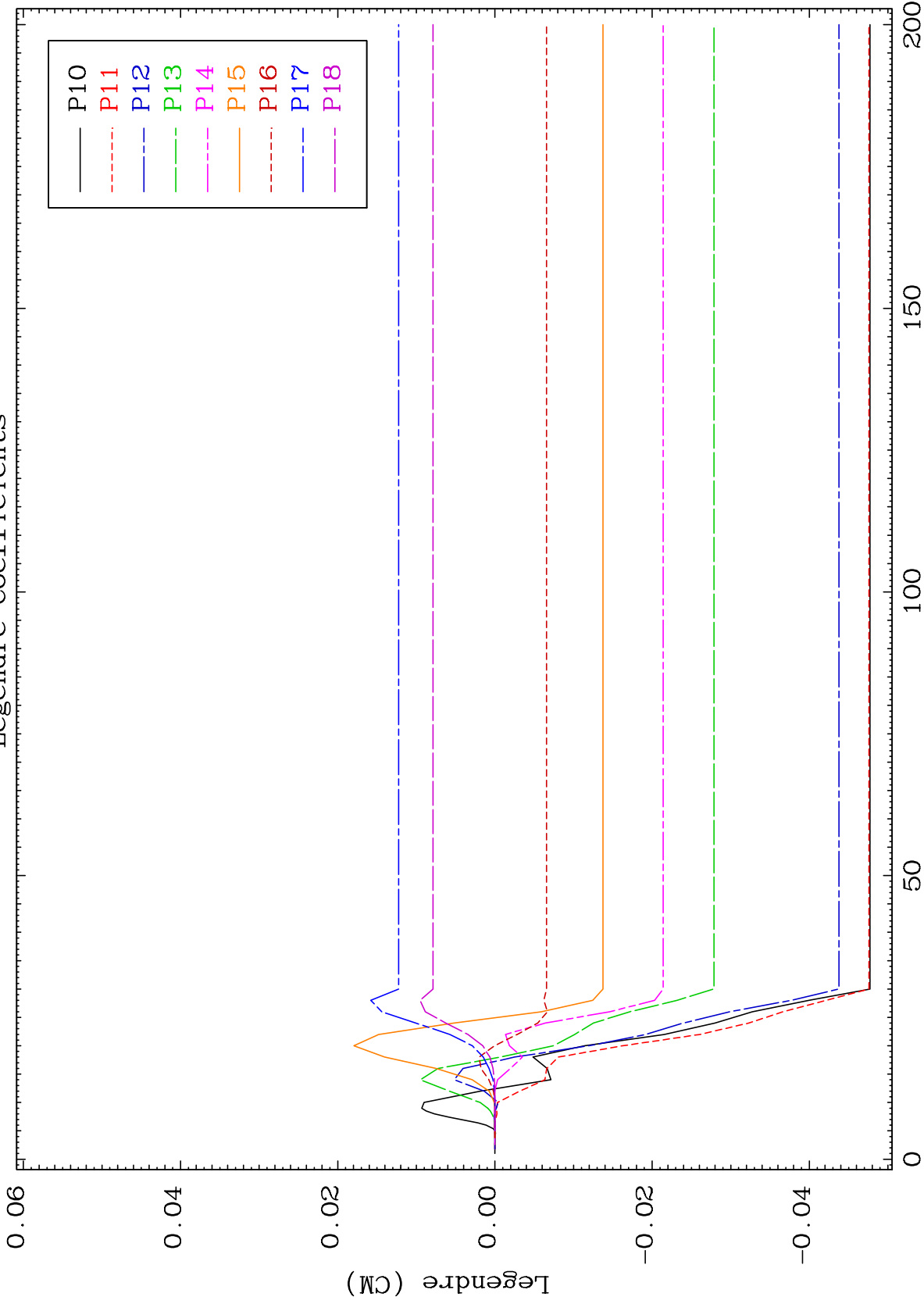
58-Ce-139

Incident Energy (MeV)

MAT 5834

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

58-Ce-139



21

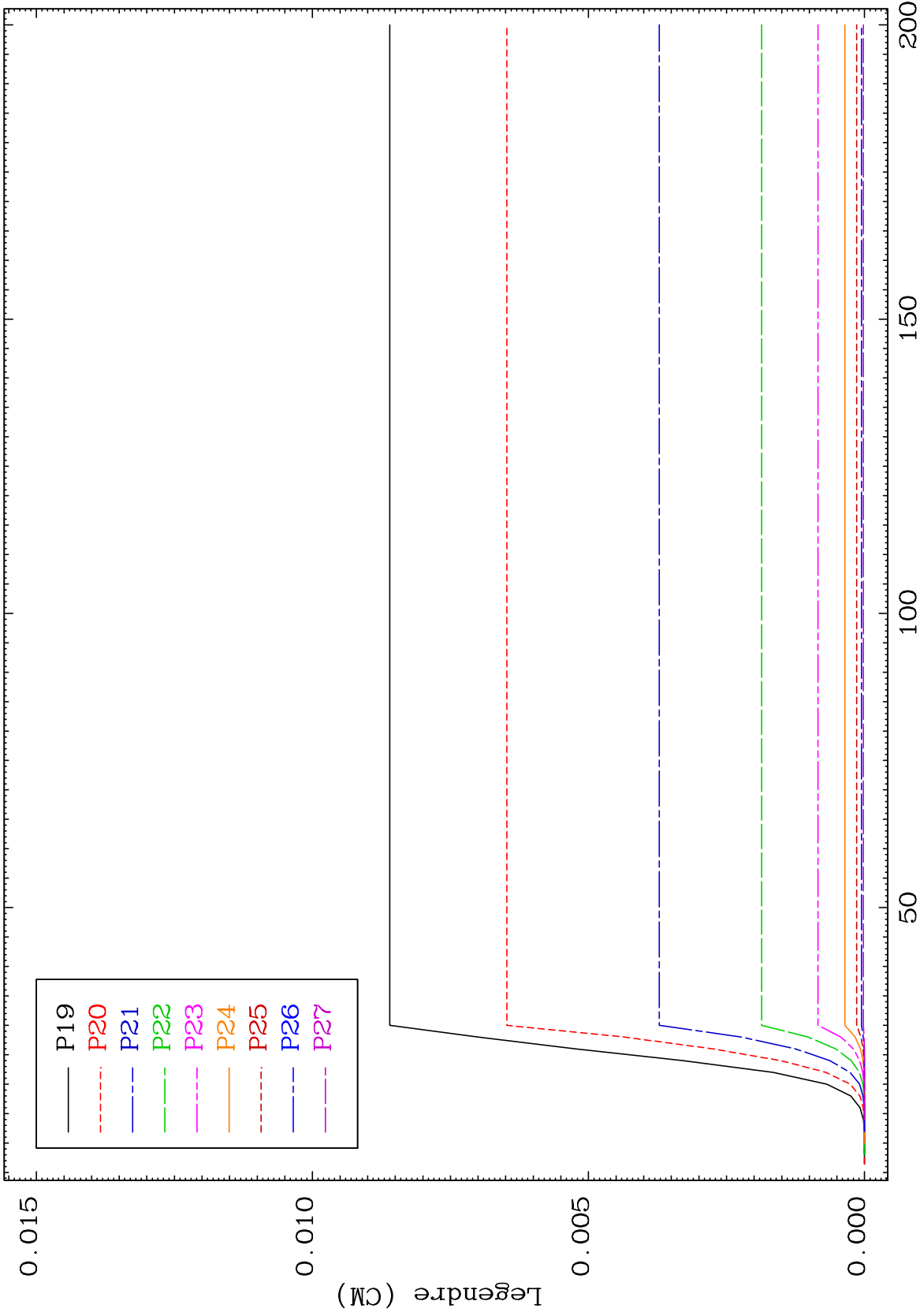
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



22

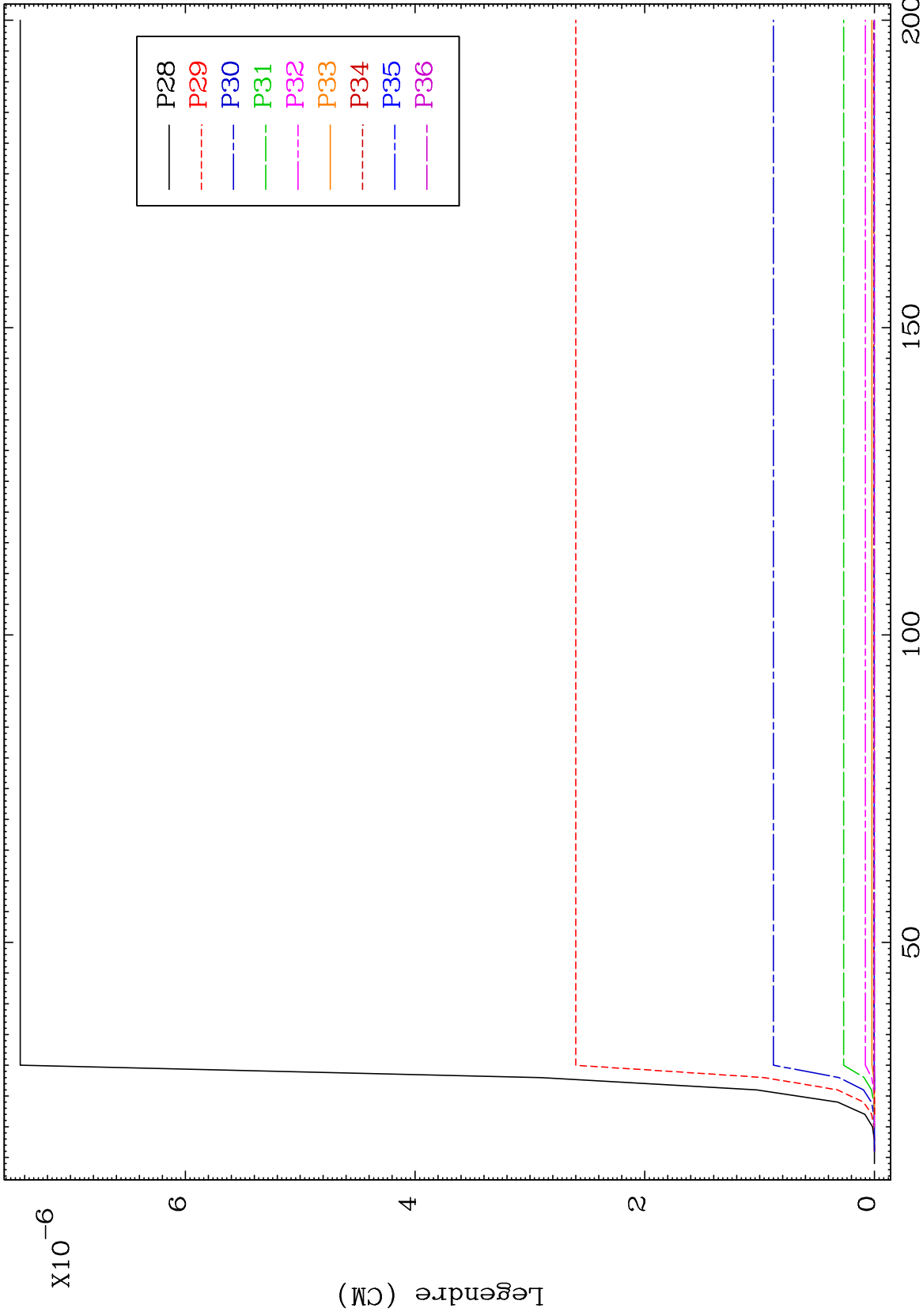
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



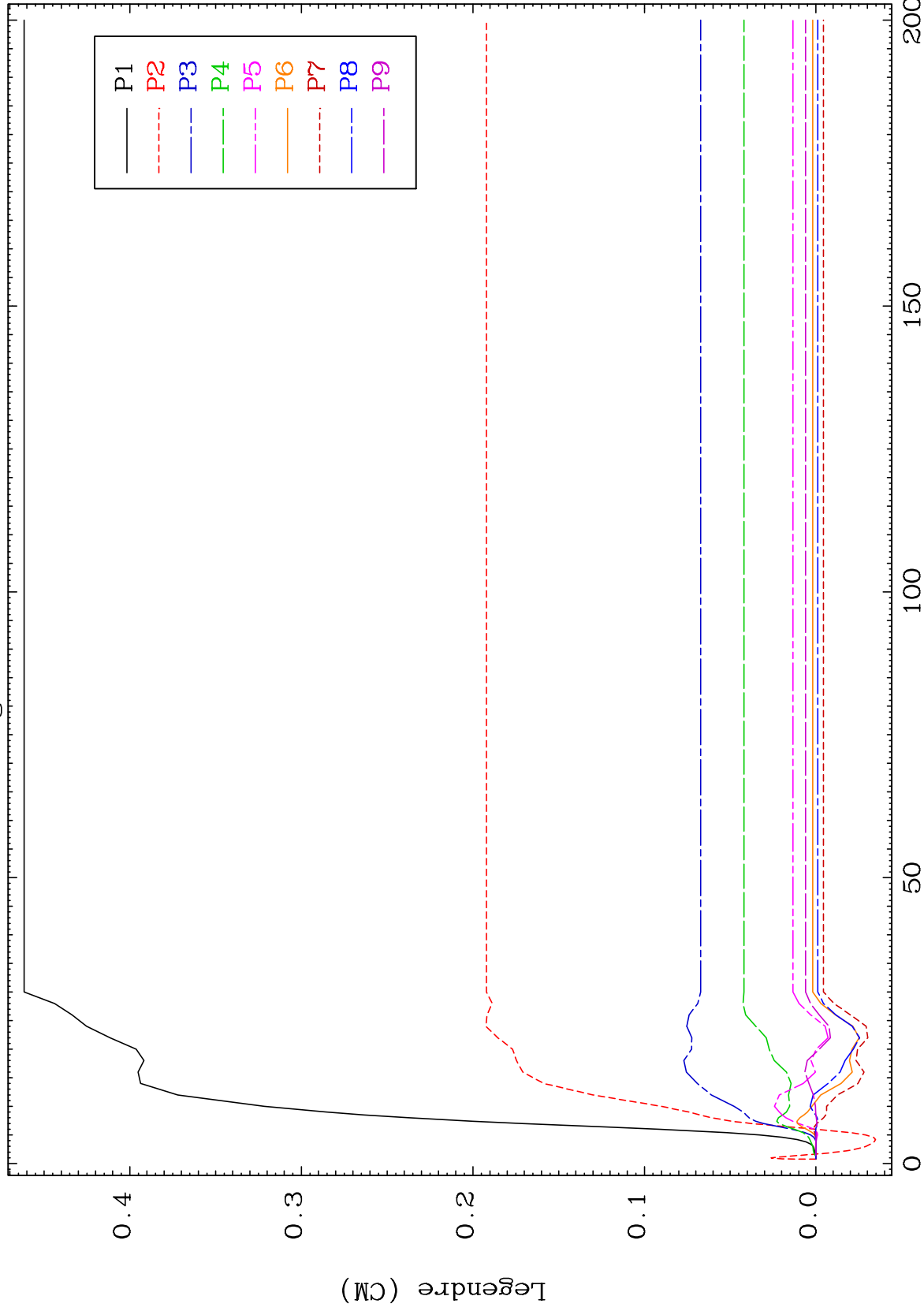
23

58-Ce-139

MAT 5834

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

58-Ce-139



24

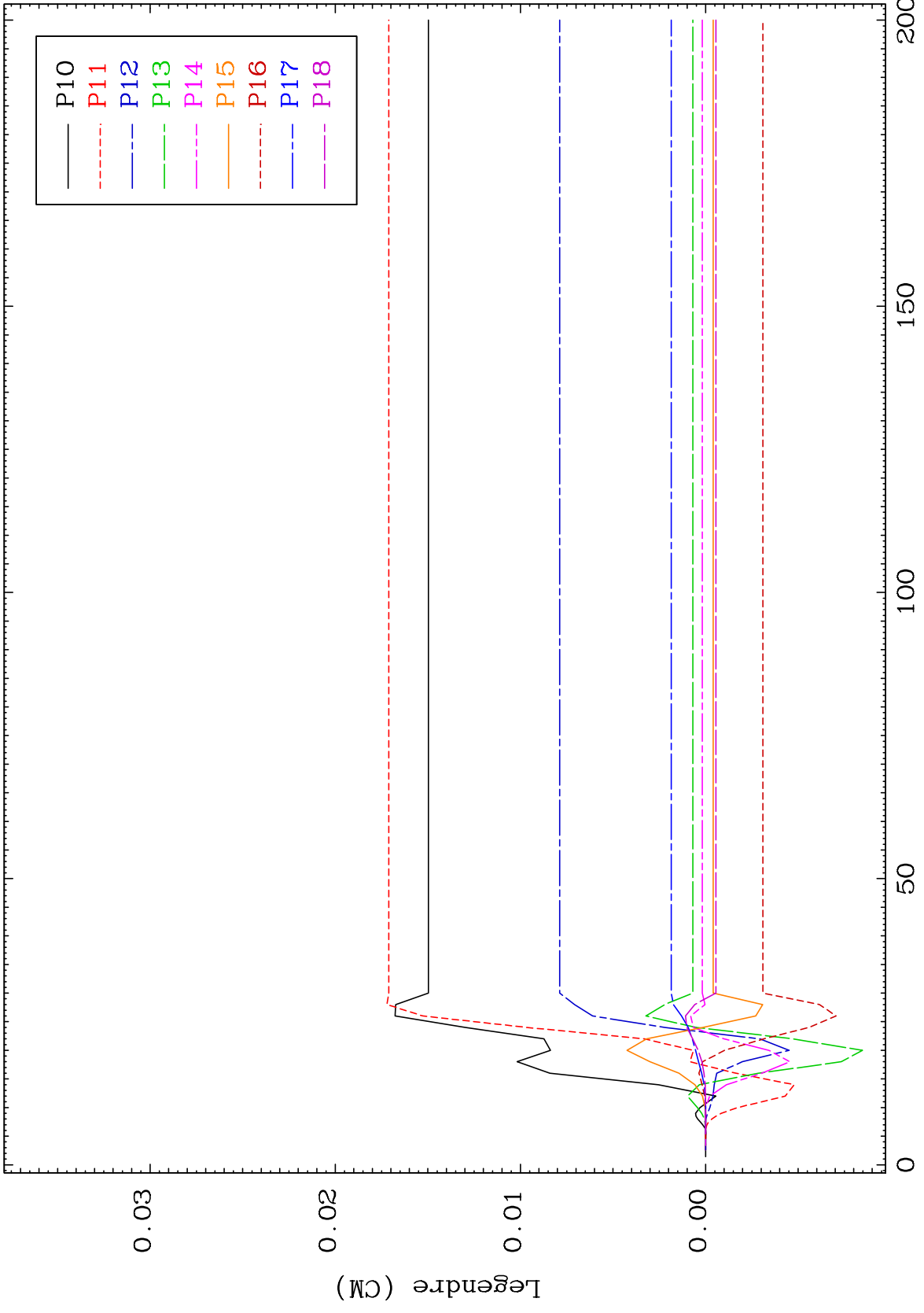
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



25

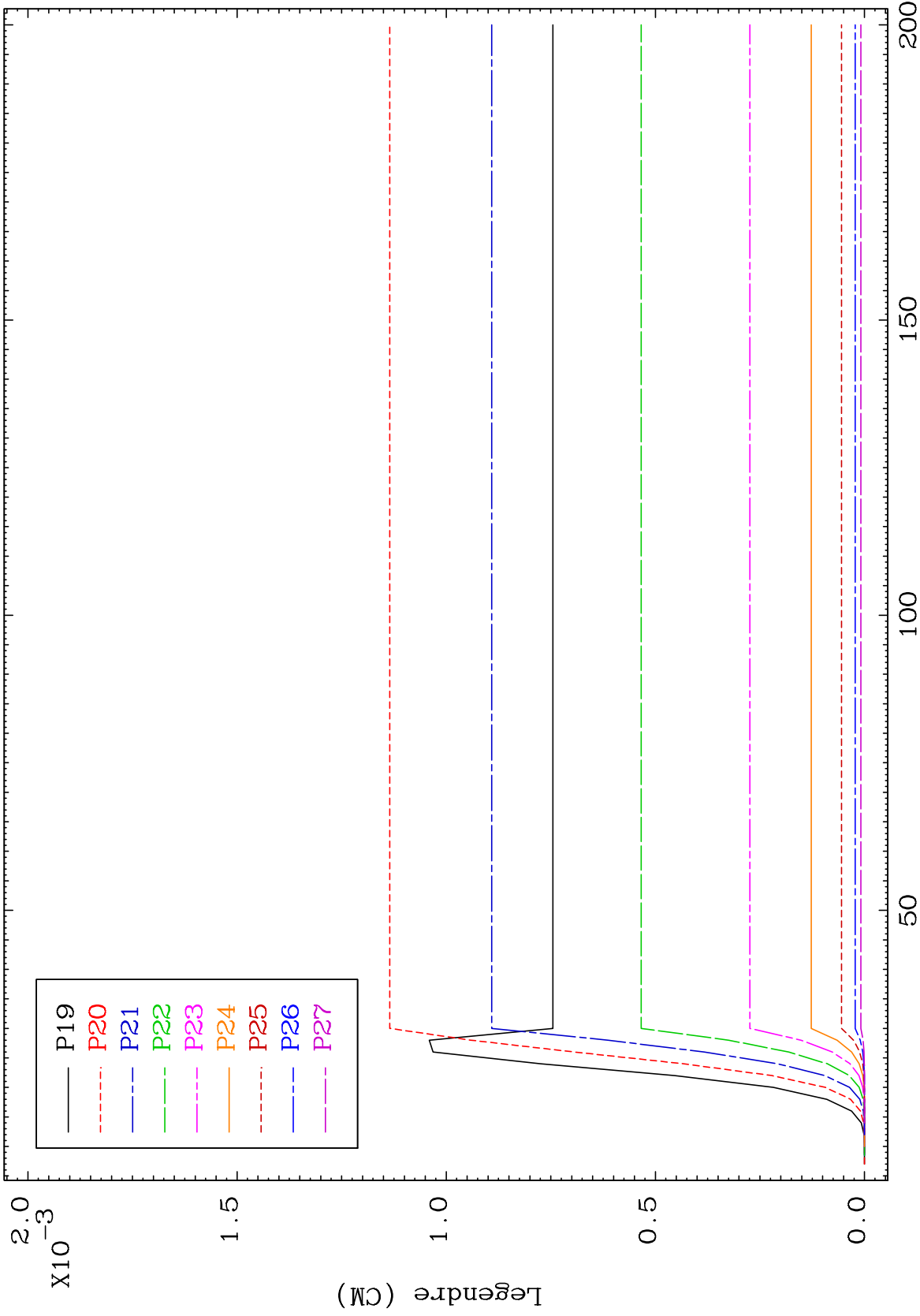
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



26

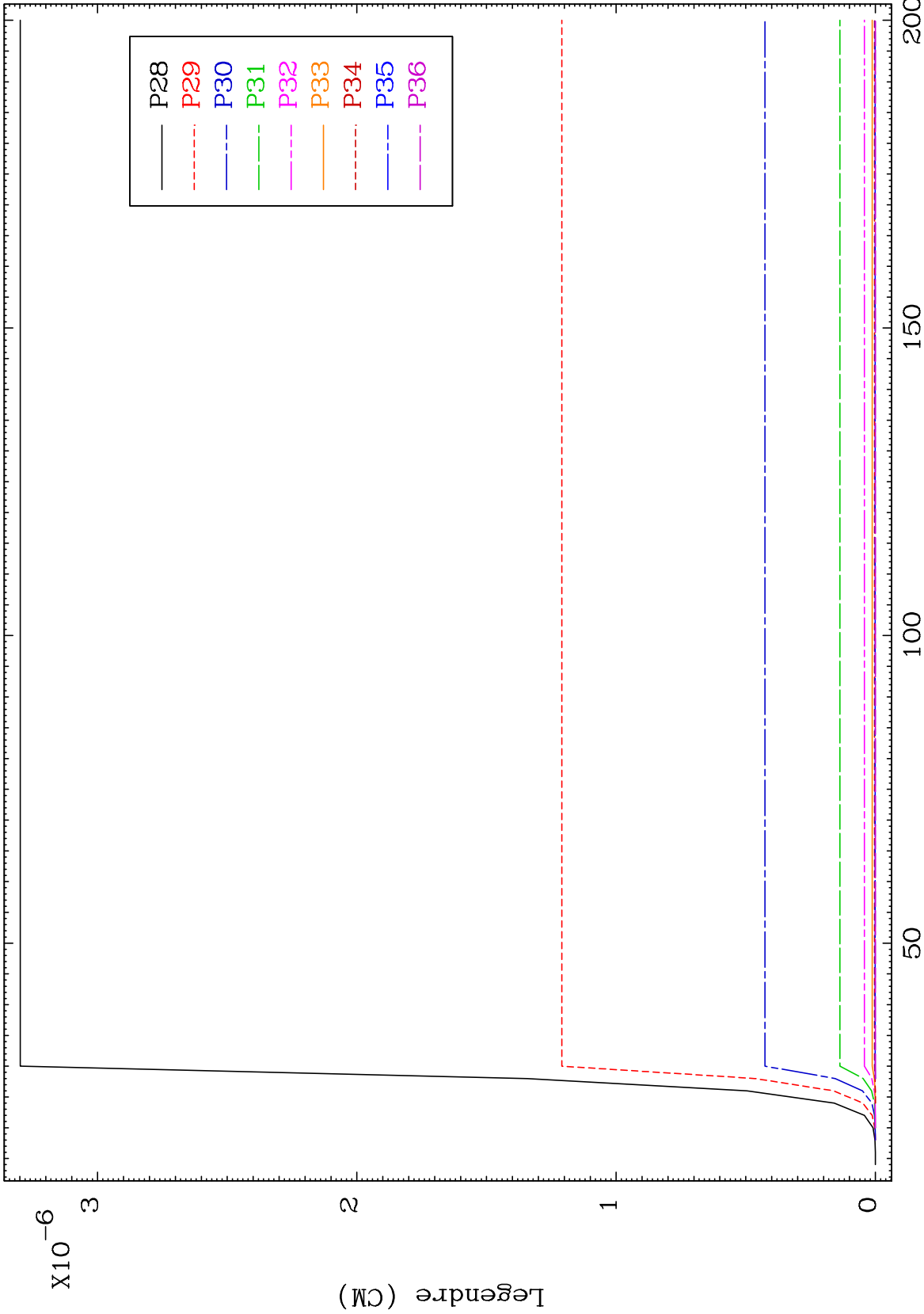
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



27

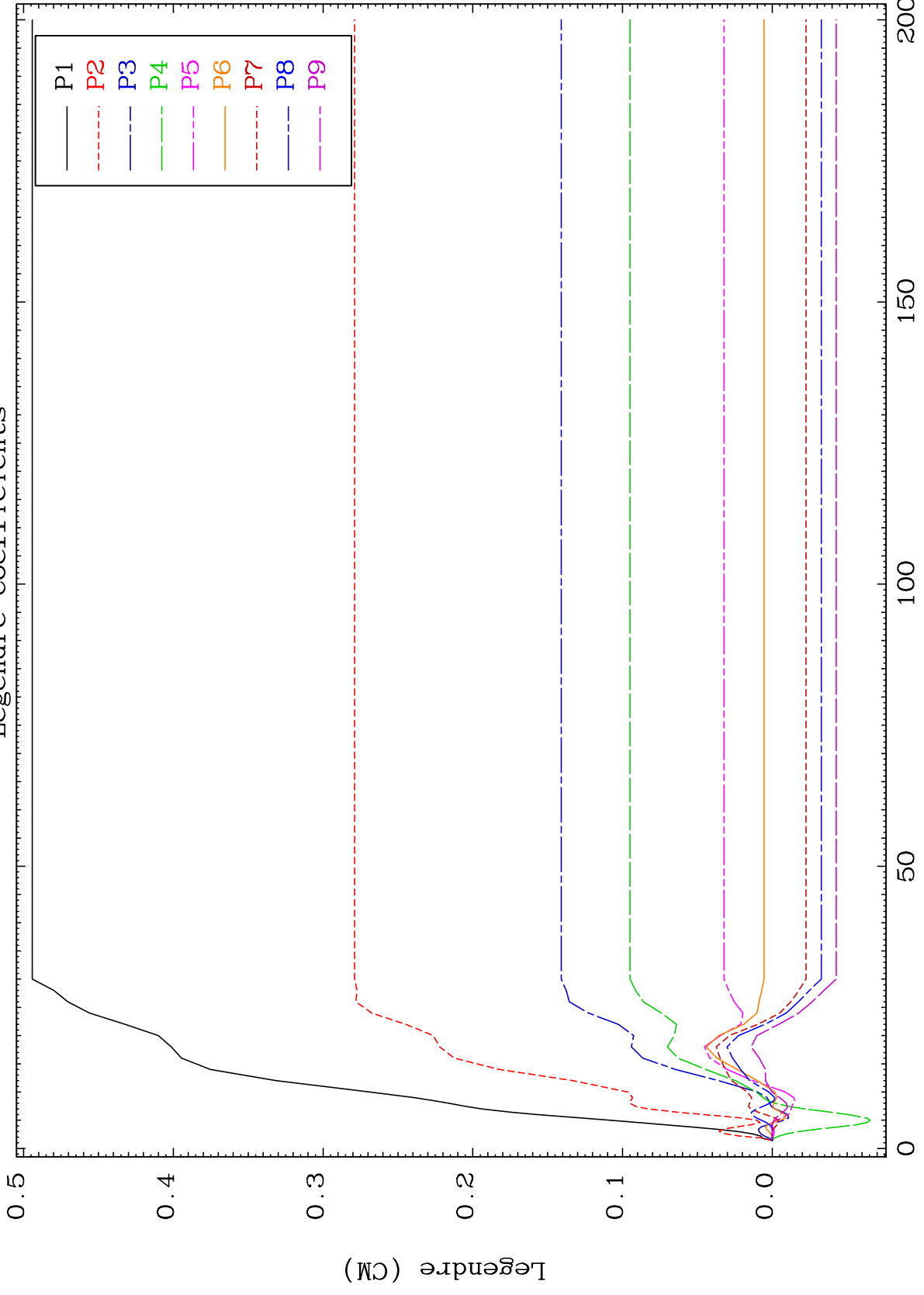
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



28

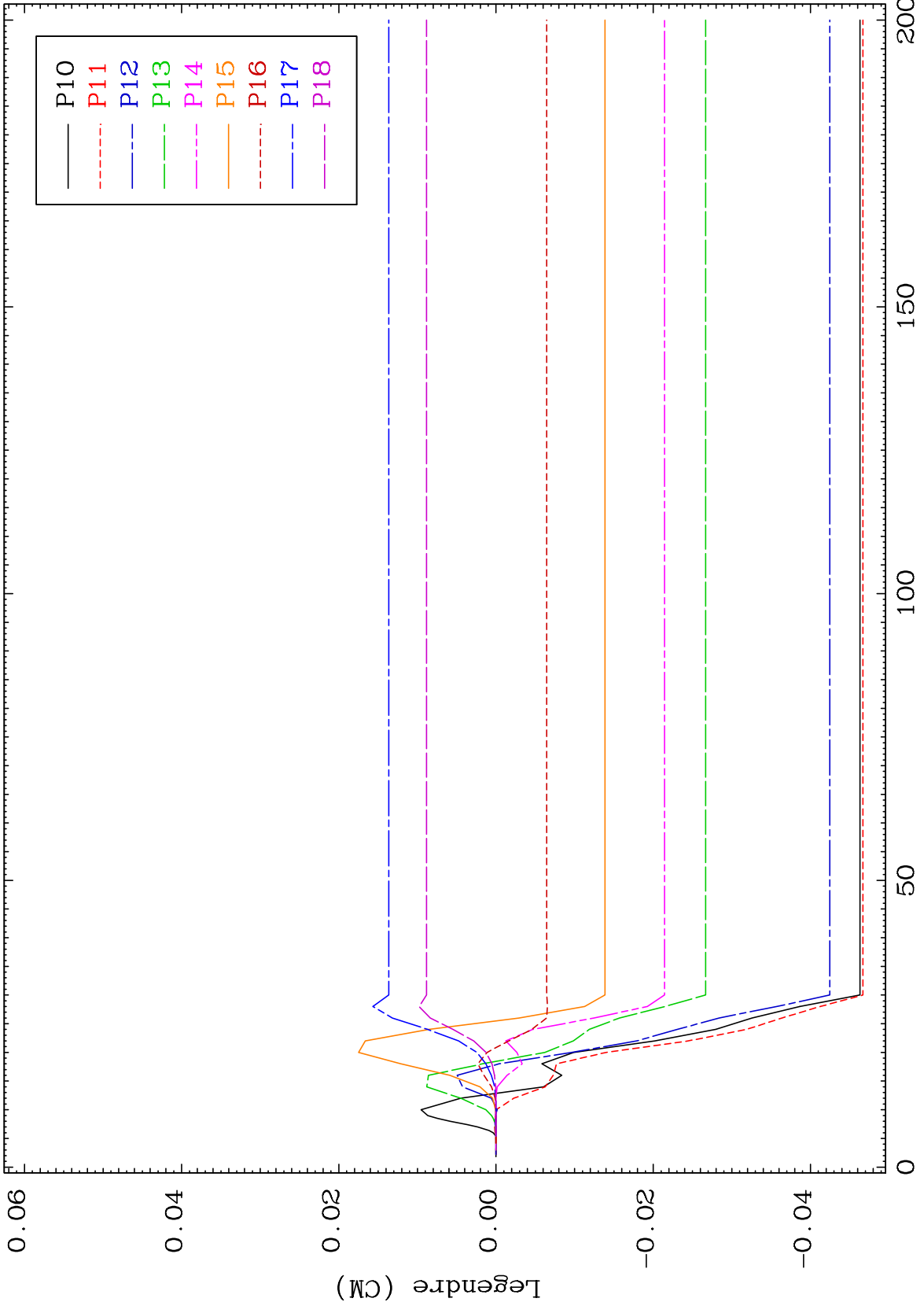
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



29

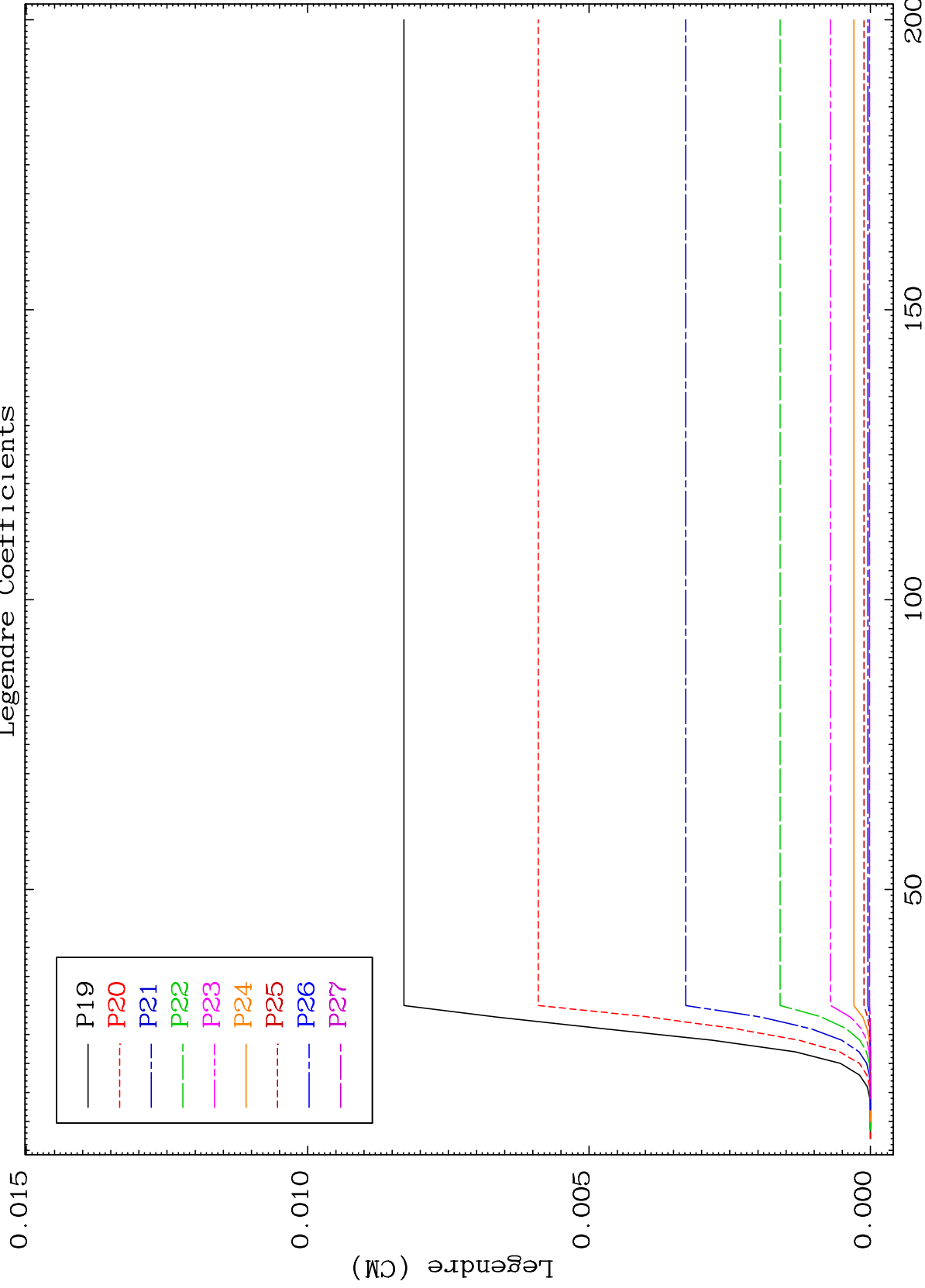
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



30

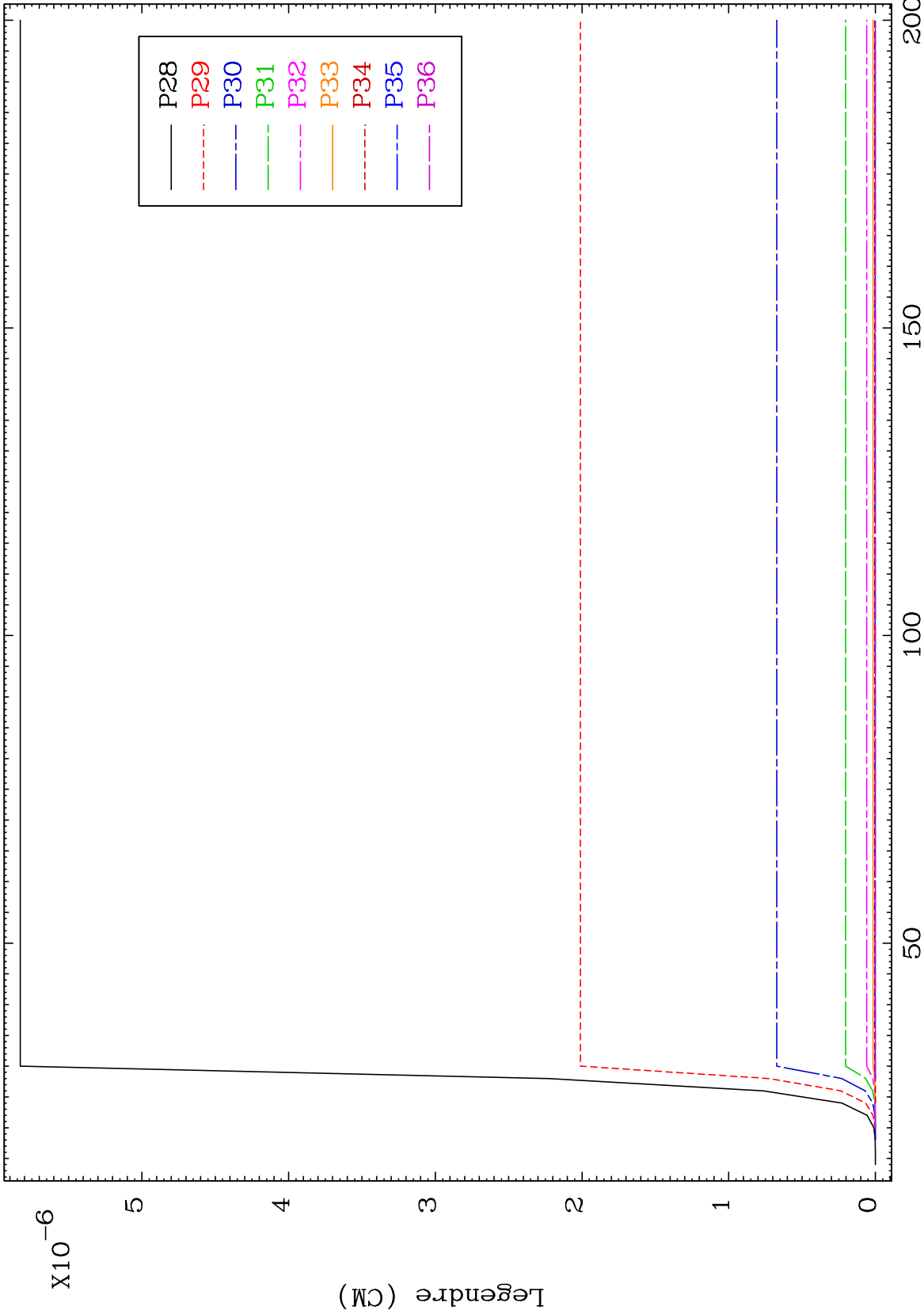
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



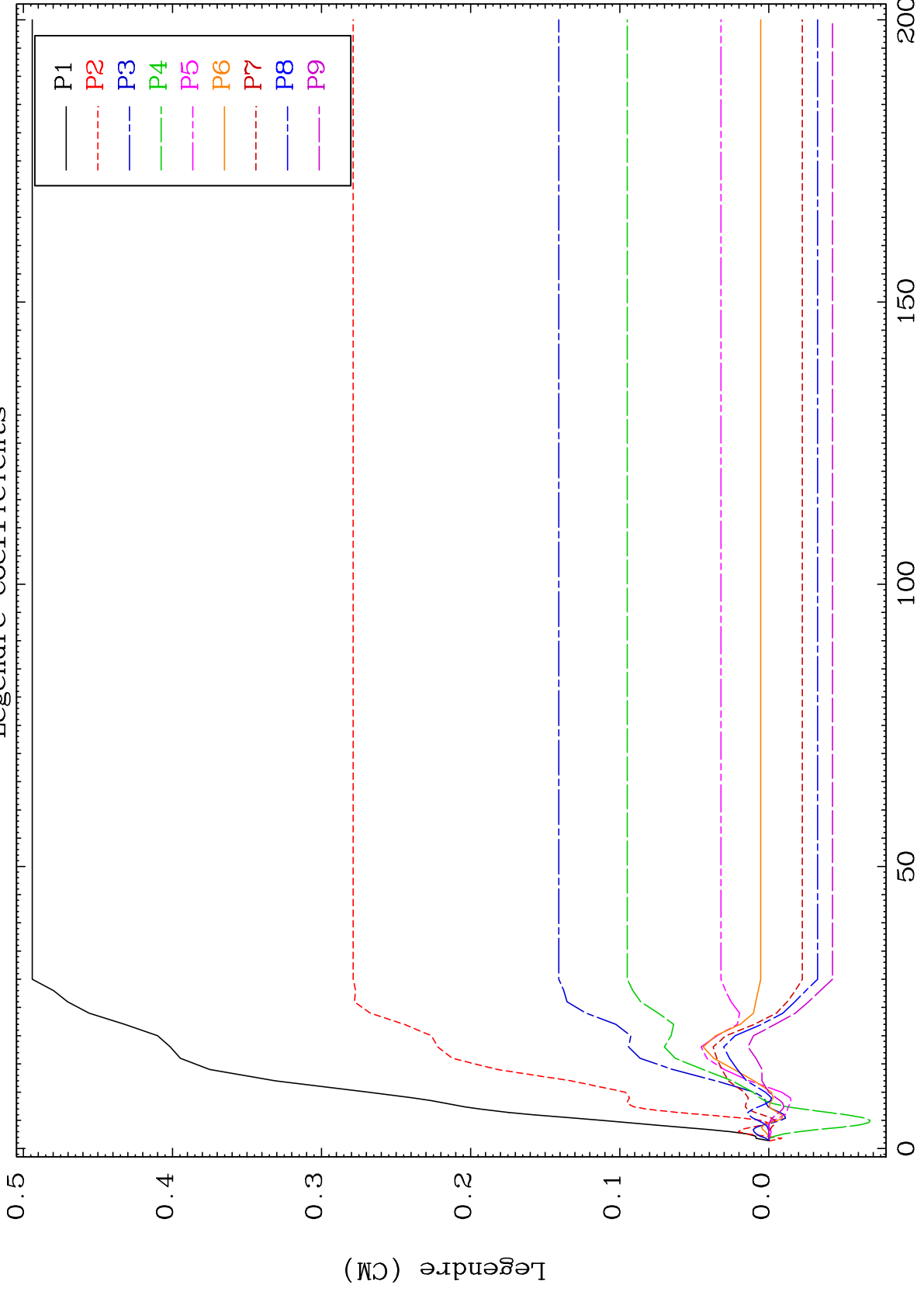
31

58-Ce-139

MAT 5834

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

58-Ce-139



32

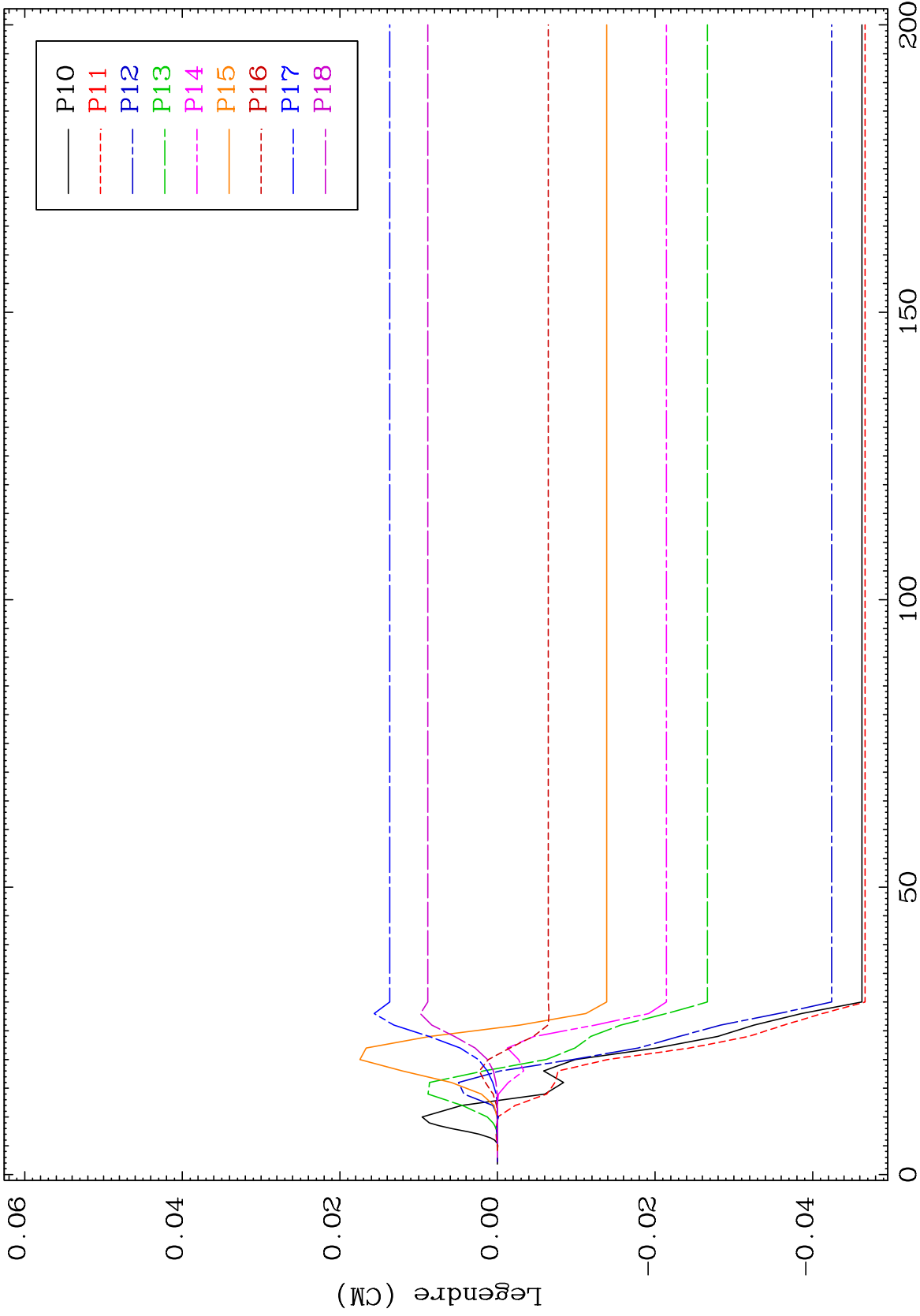
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

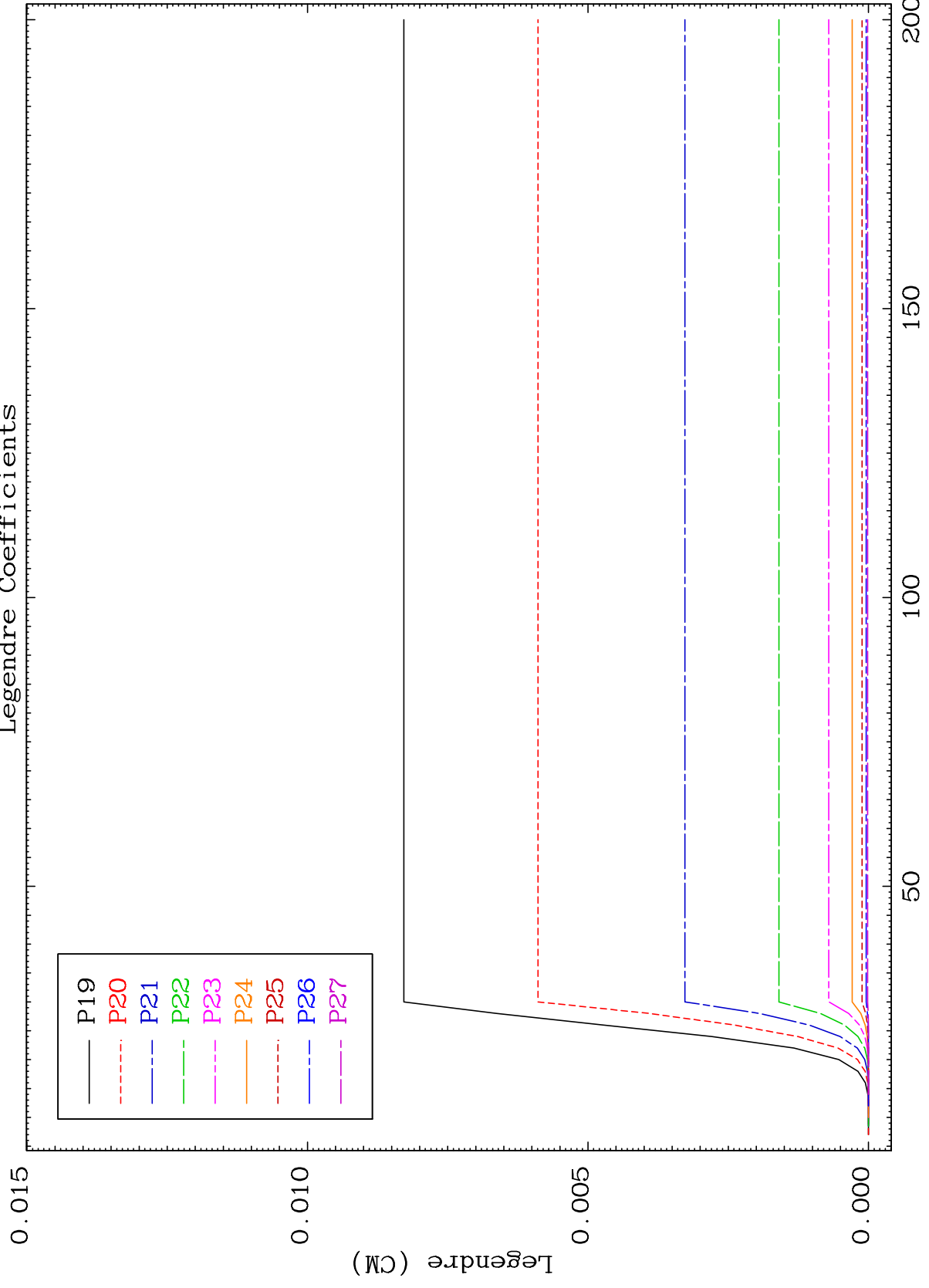


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Incident Energy (MeV)

58-Ce-139

MAT 5834 MT= 54 (n,n') Level Legendre Coefficients 58-Ce-139



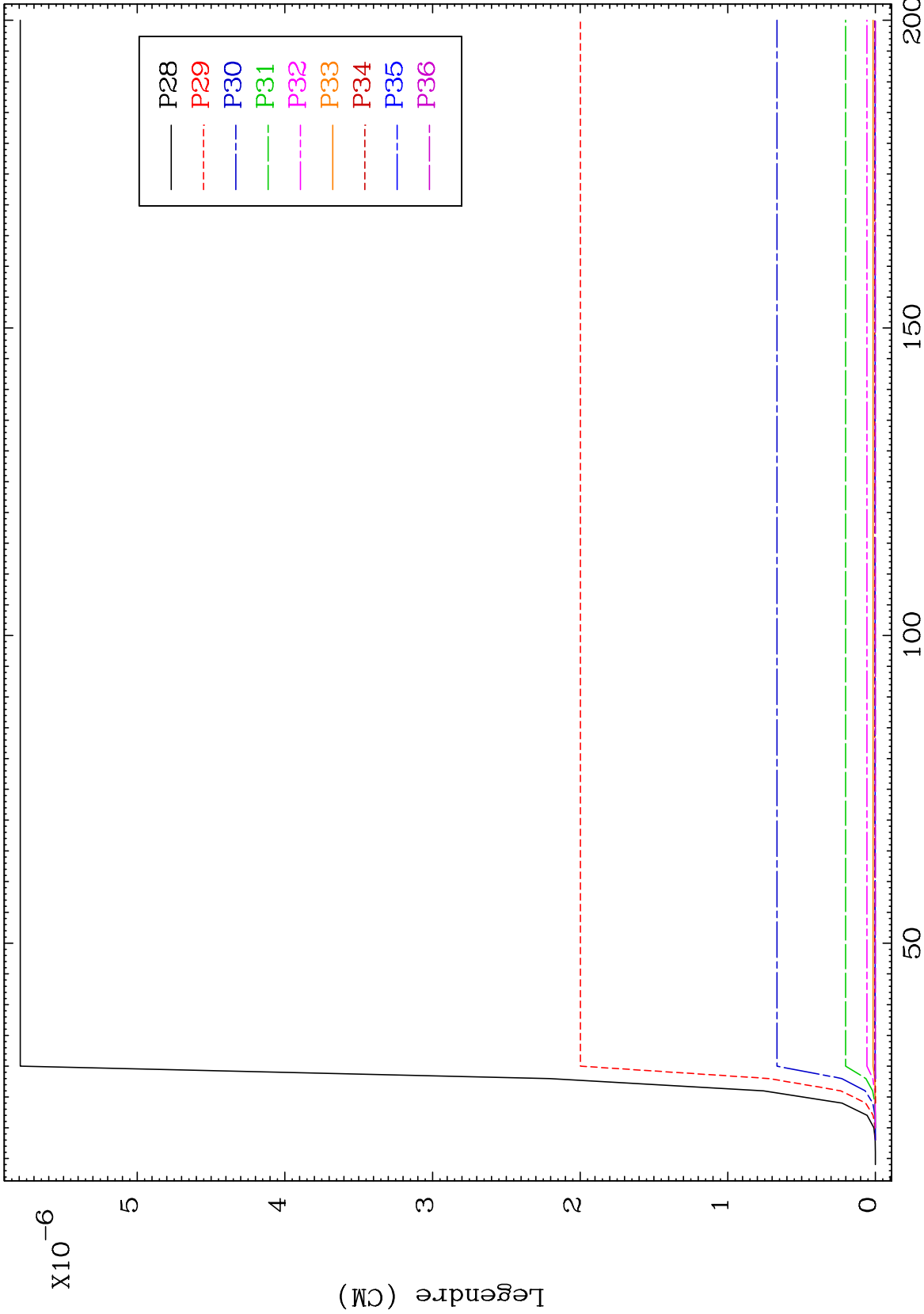
58-Ce-139

Incident Energy (MeV)

MAT 5834

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

58-Ce-139



35

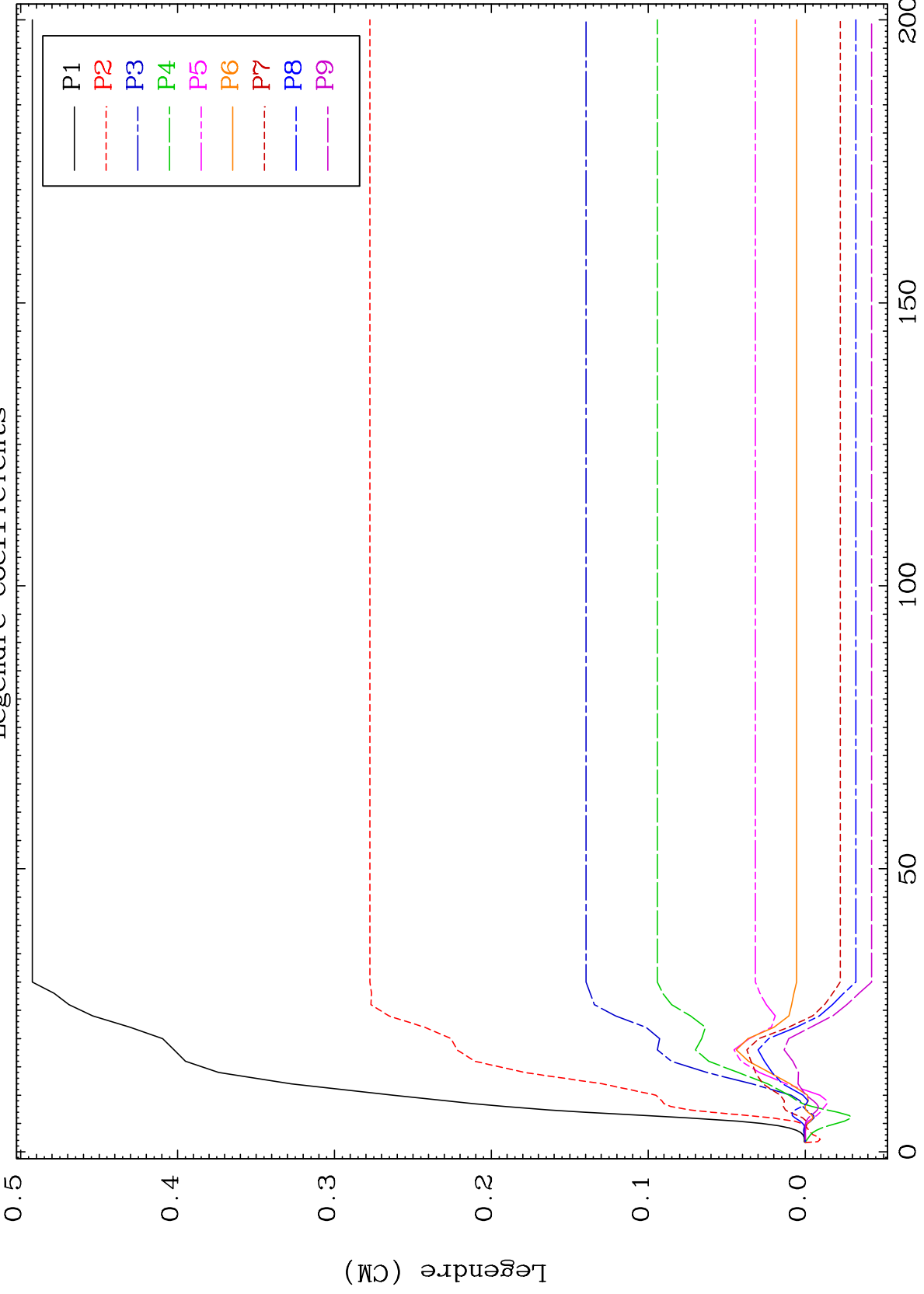
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



58-Ce-139

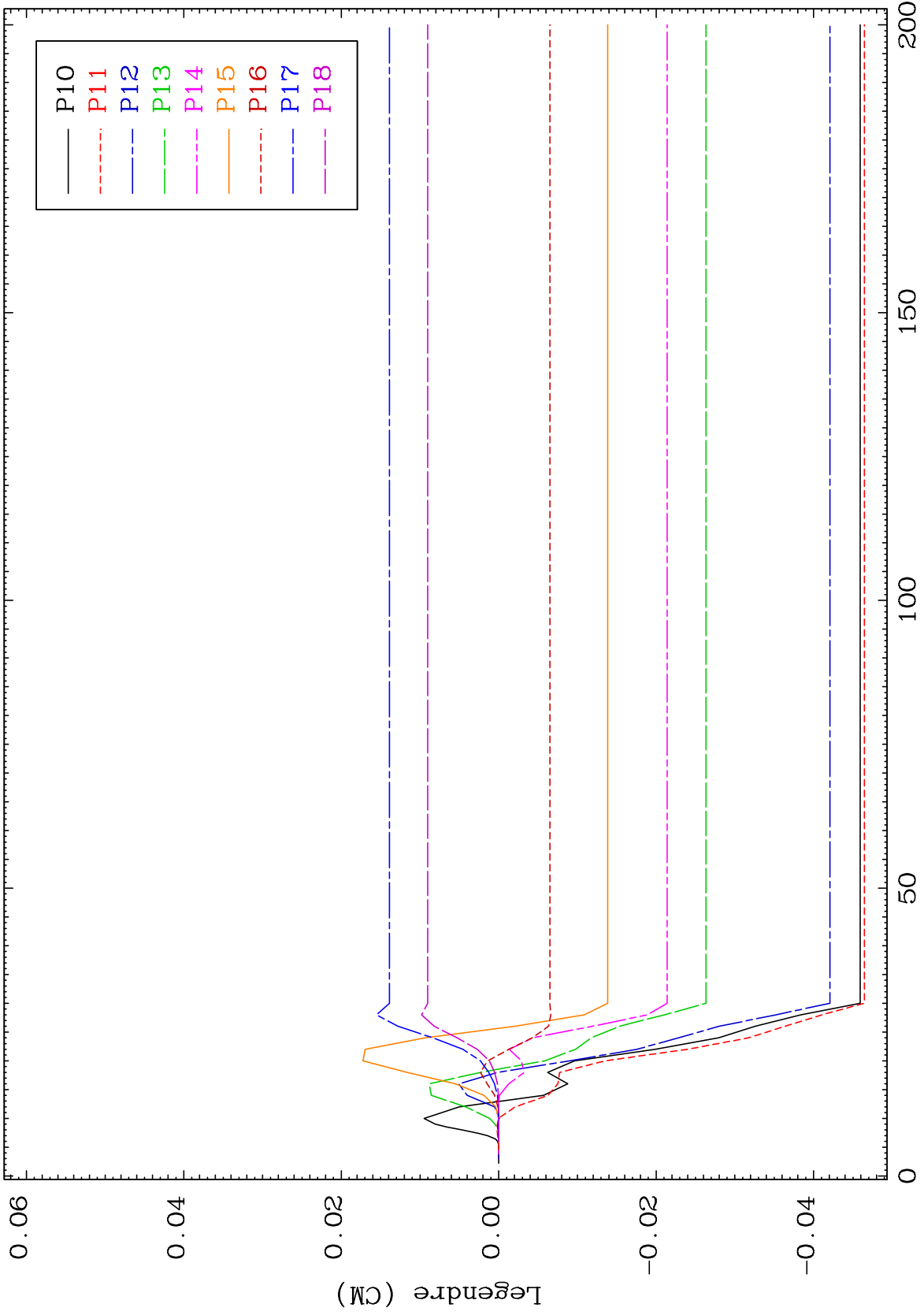
Incident Energy (MeV)

36

MAT 5834

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

58-Ce-139



37

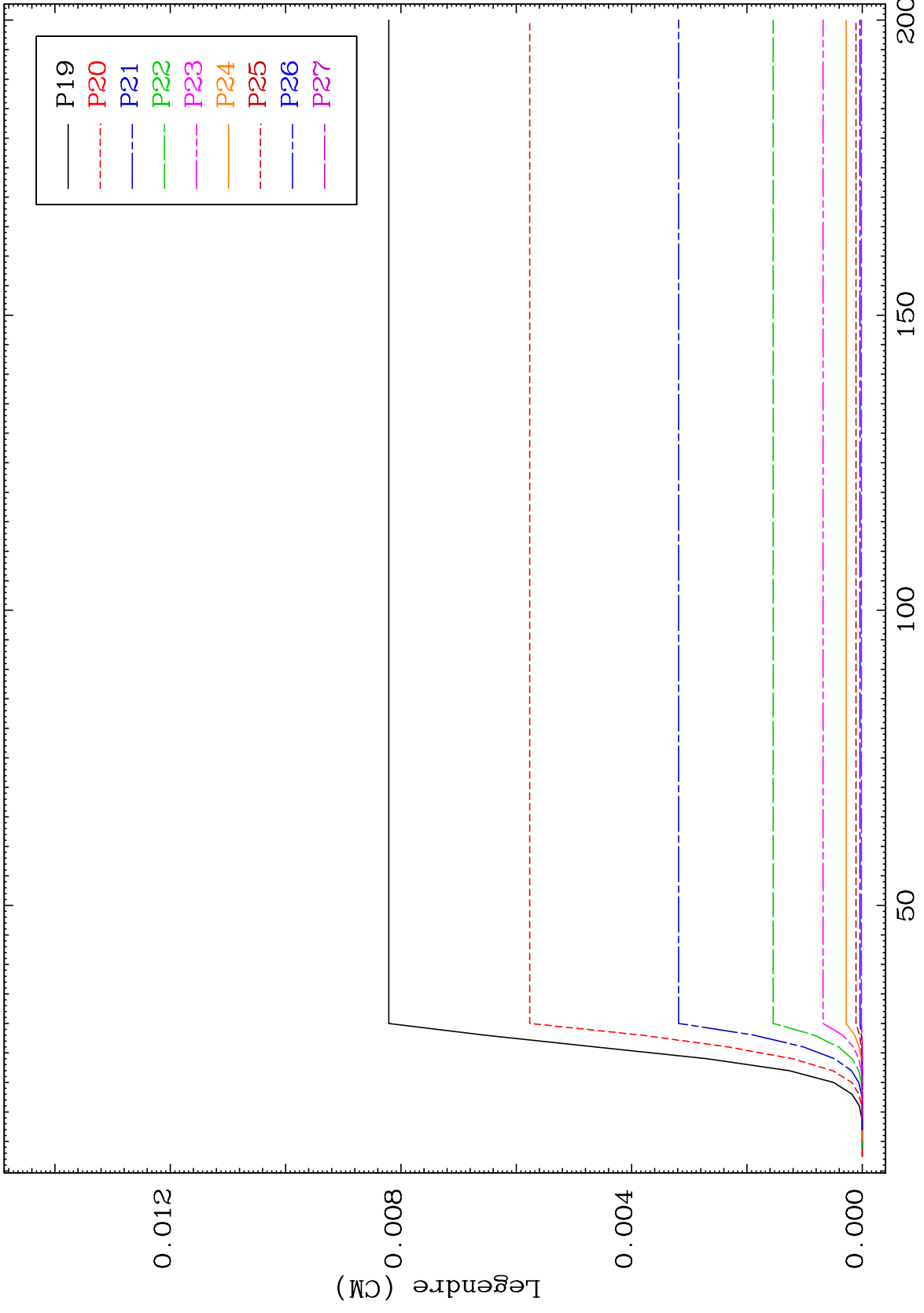
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



38

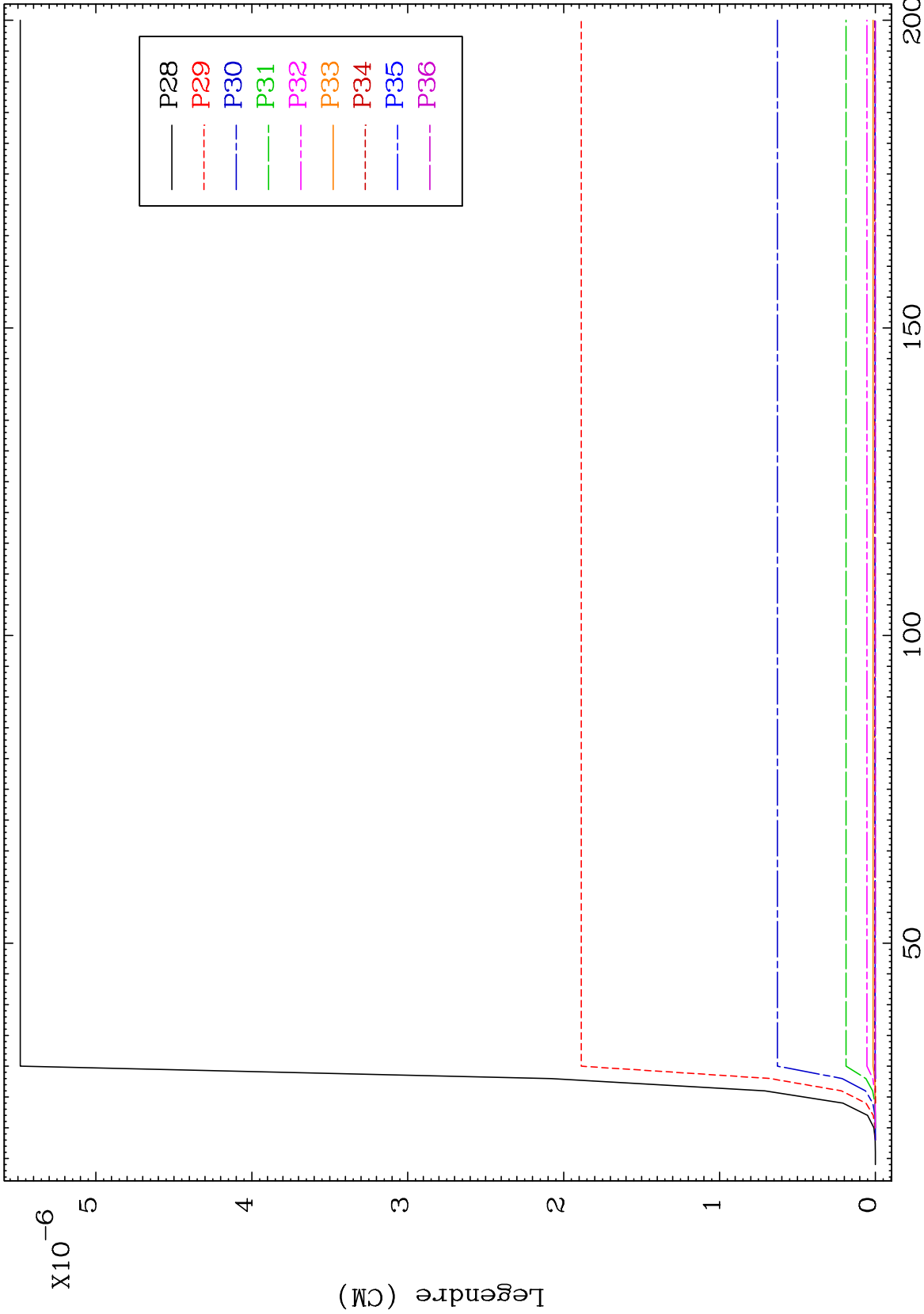
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



39

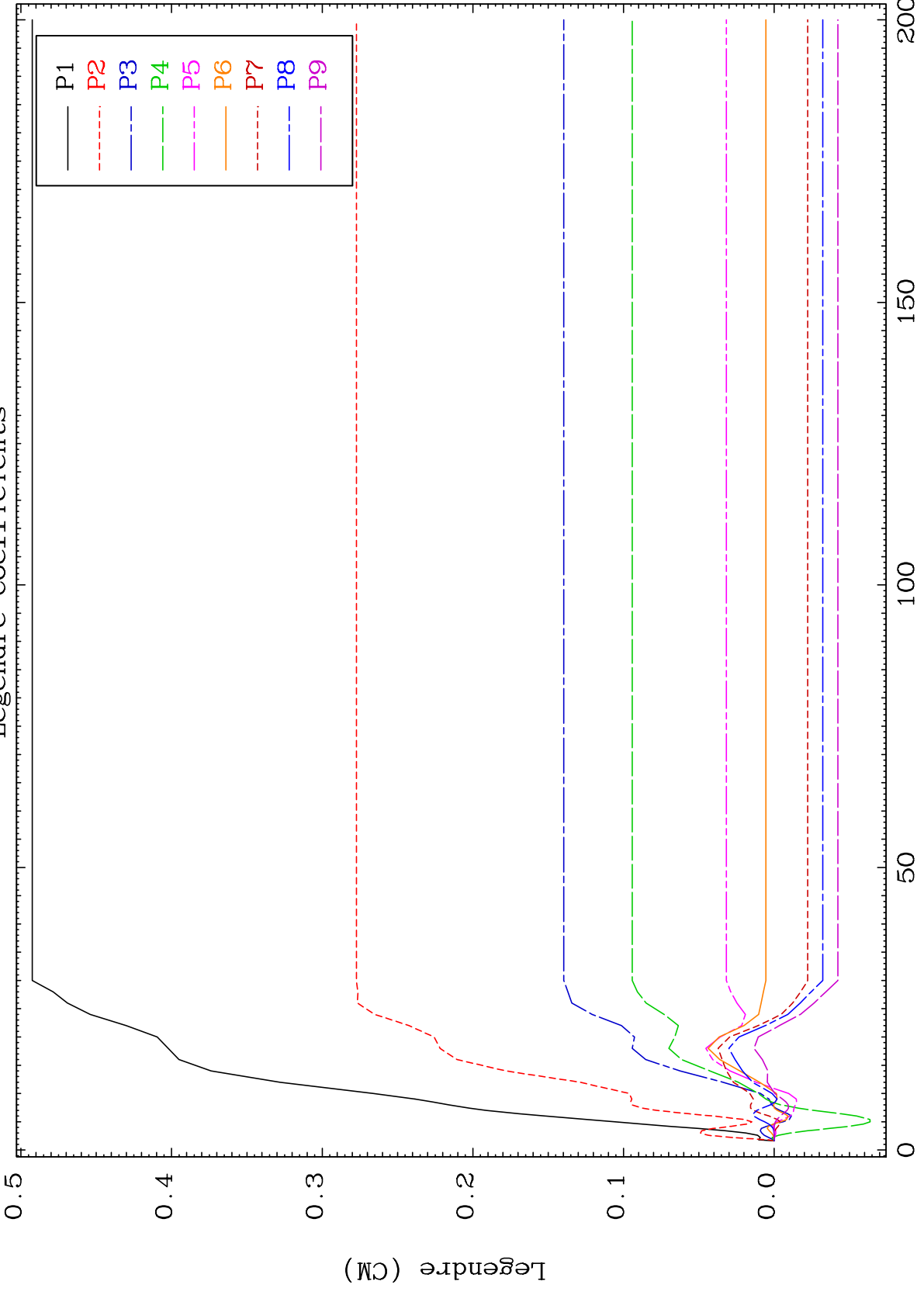
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



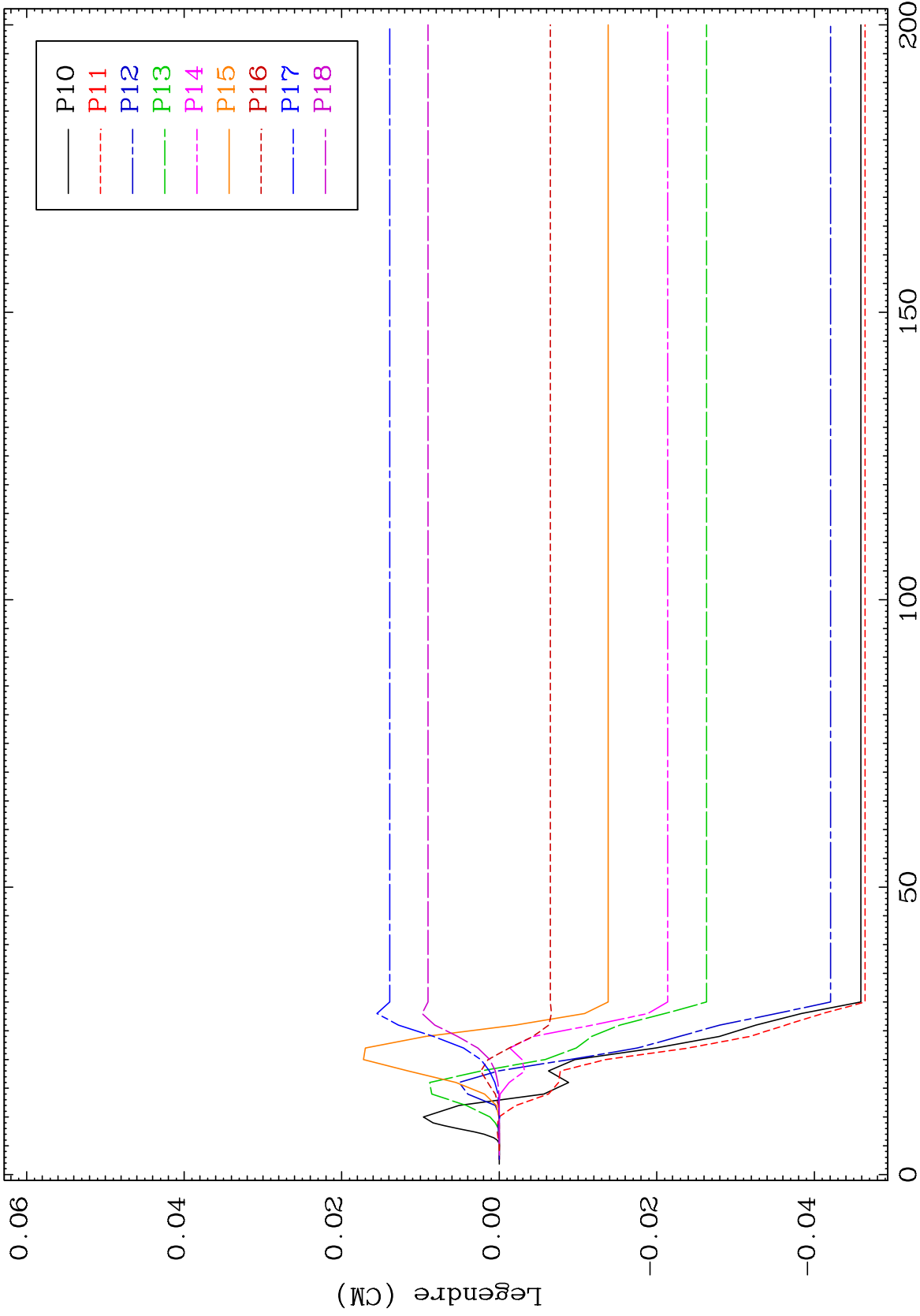
58-Ce-139

Incident Energy (MeV)

MAT 5834

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

58-Ce-139



41

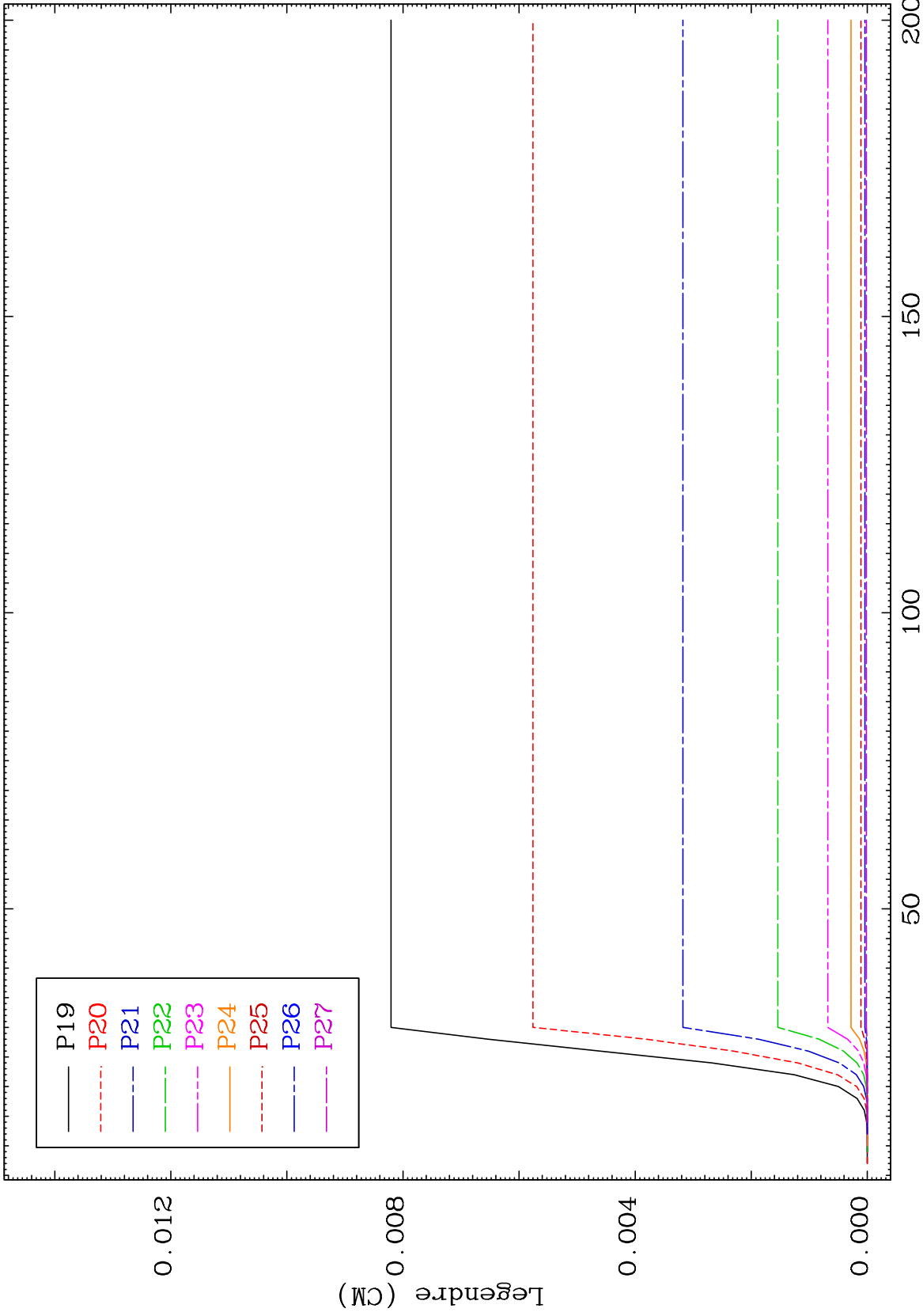
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



42

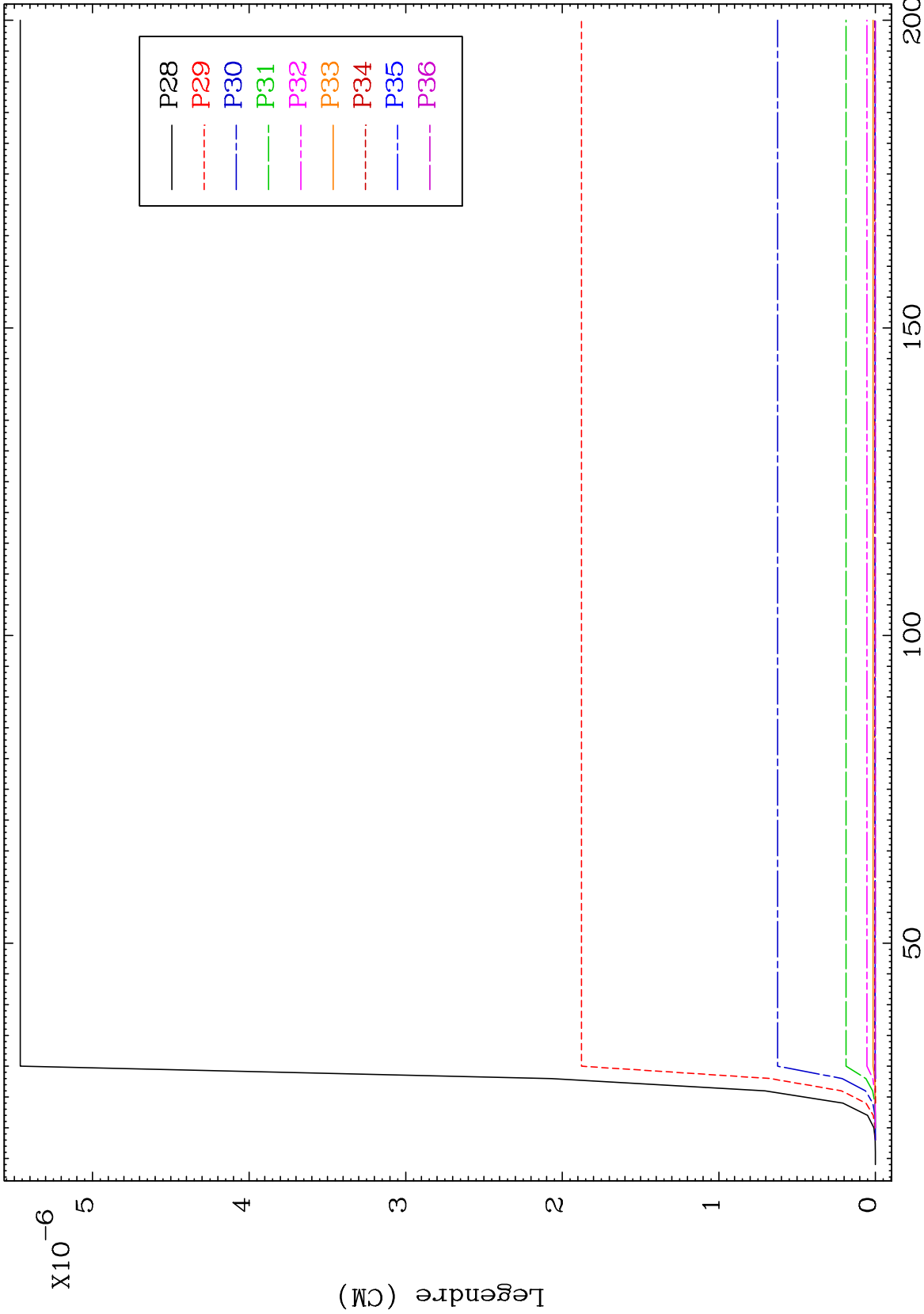
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



43

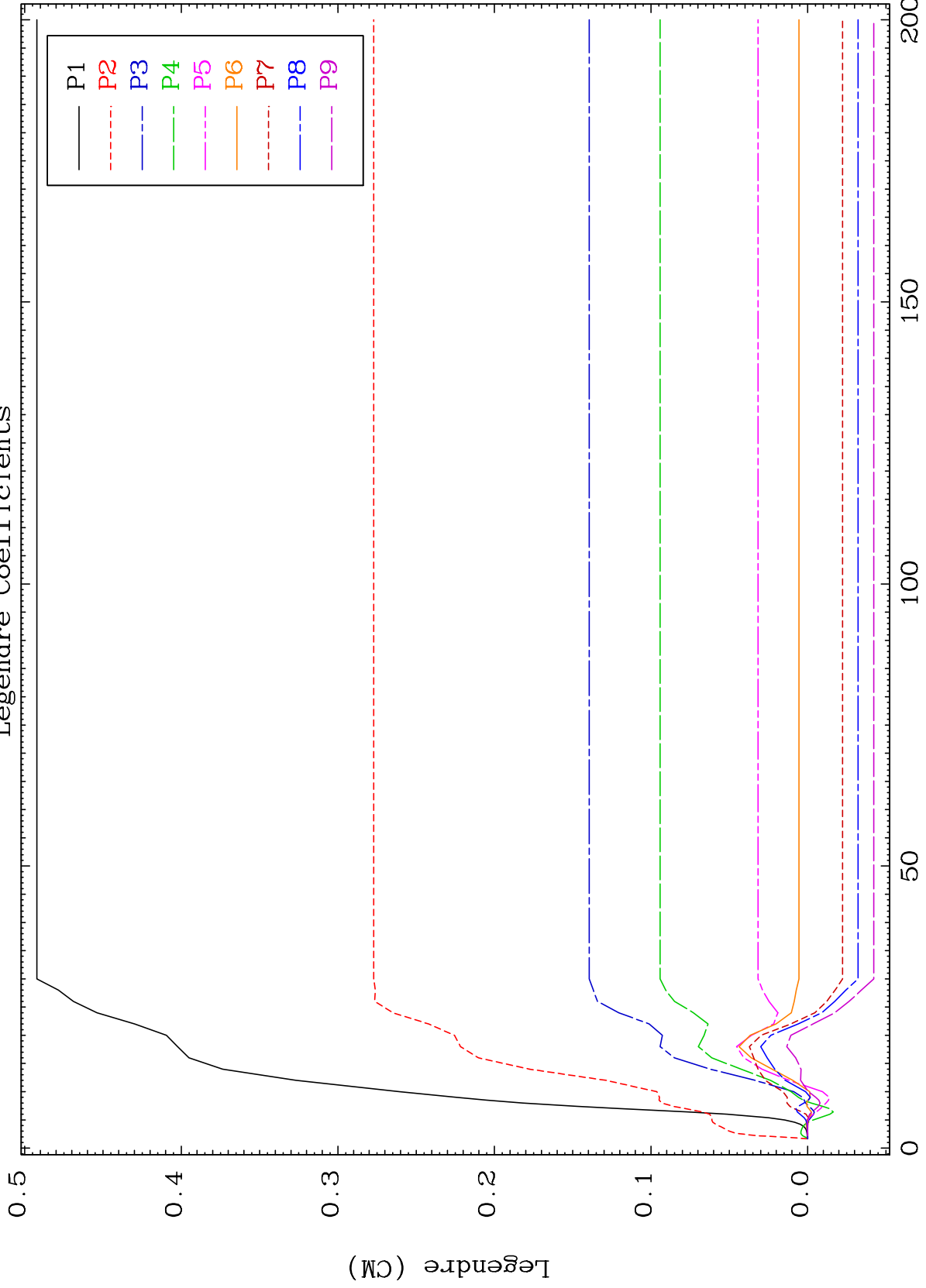
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



44

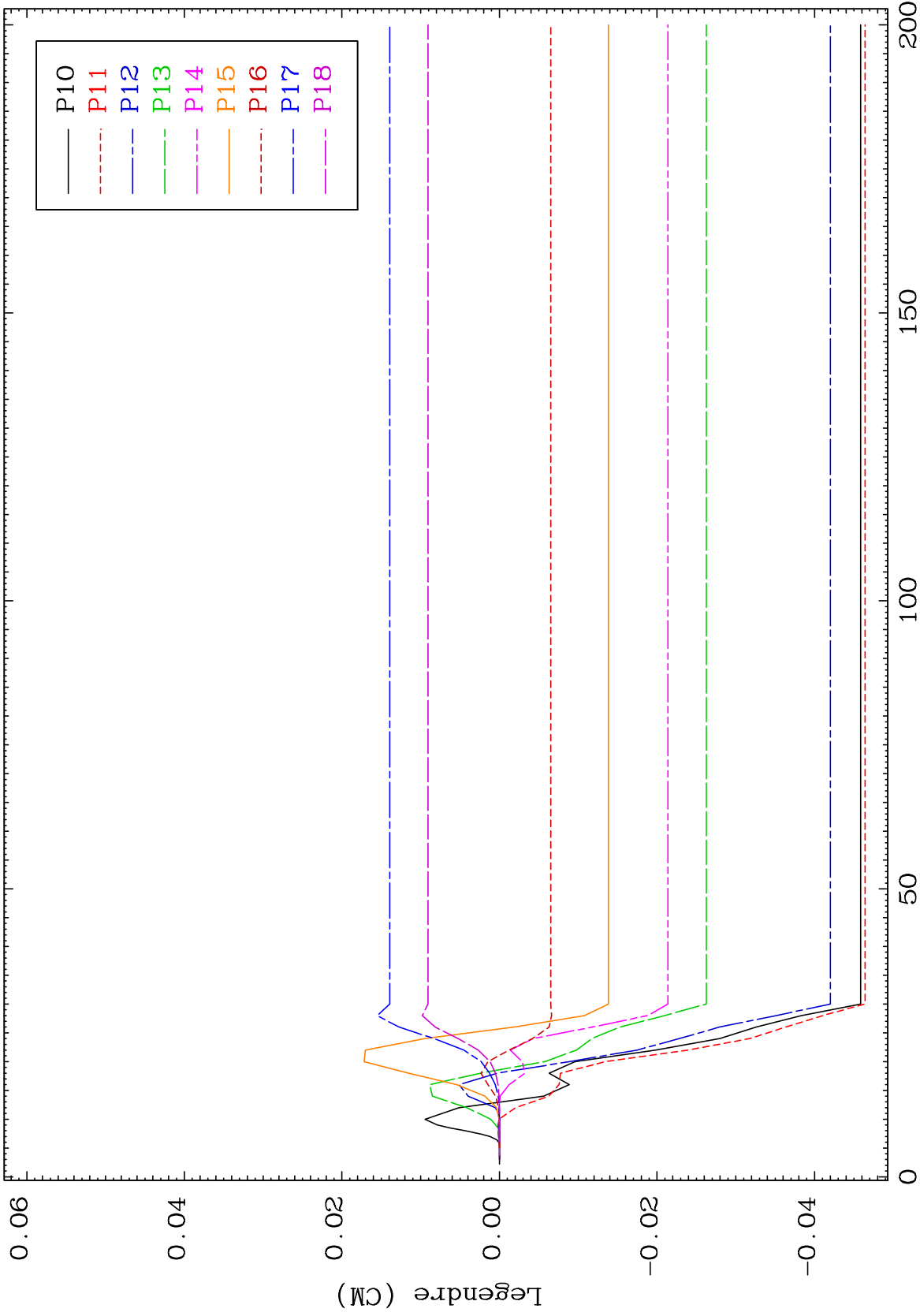
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



45

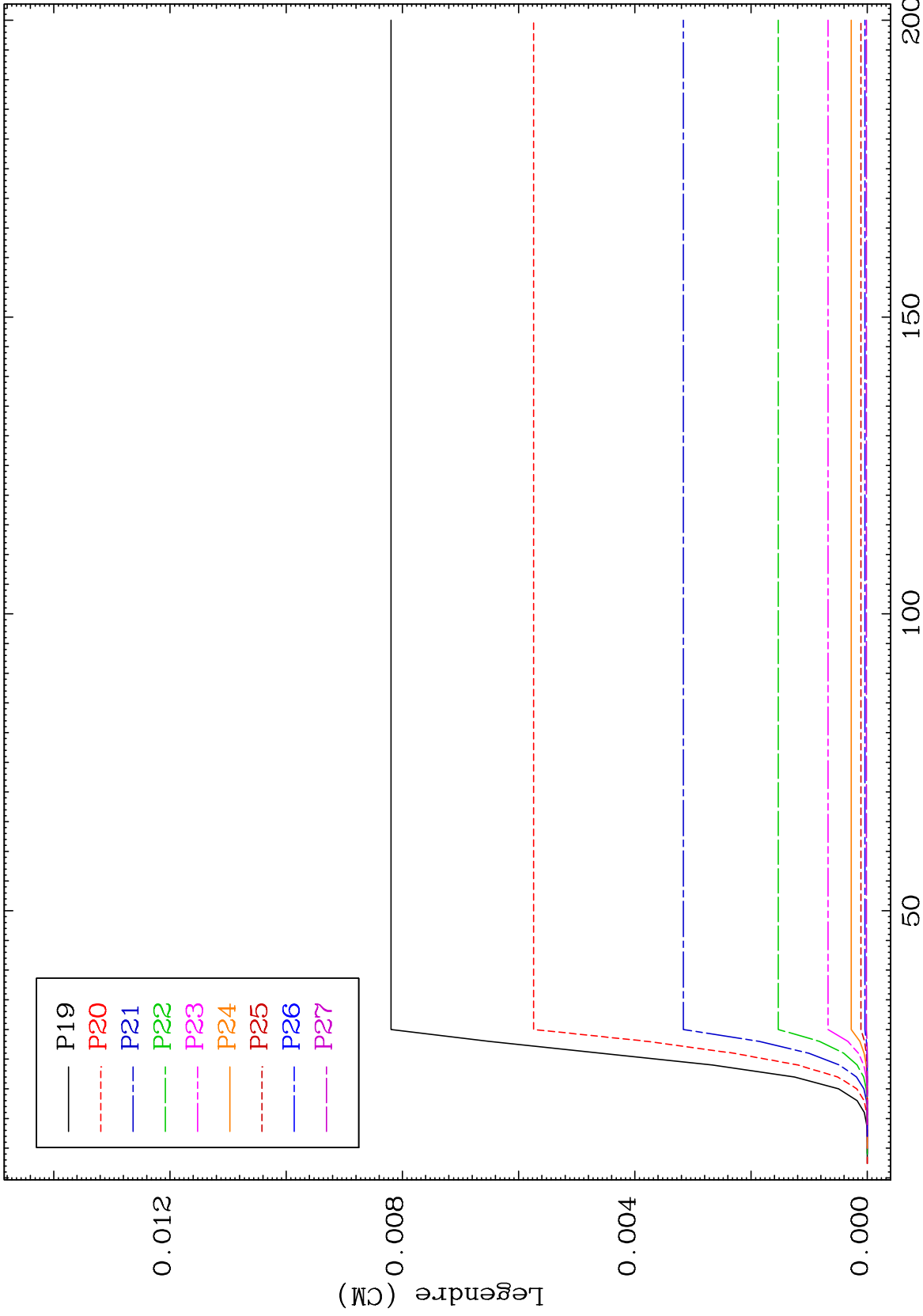
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



46

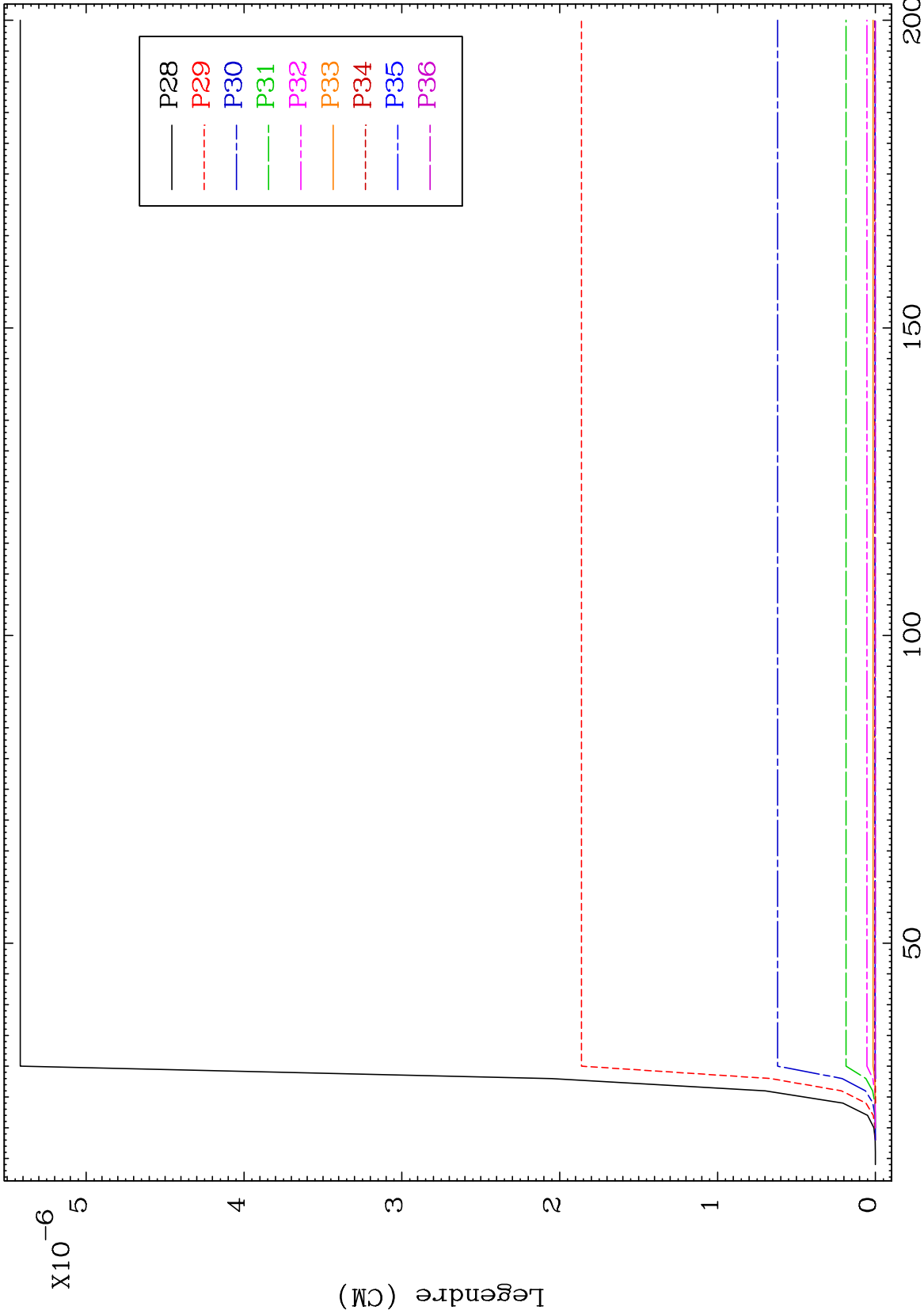
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



47

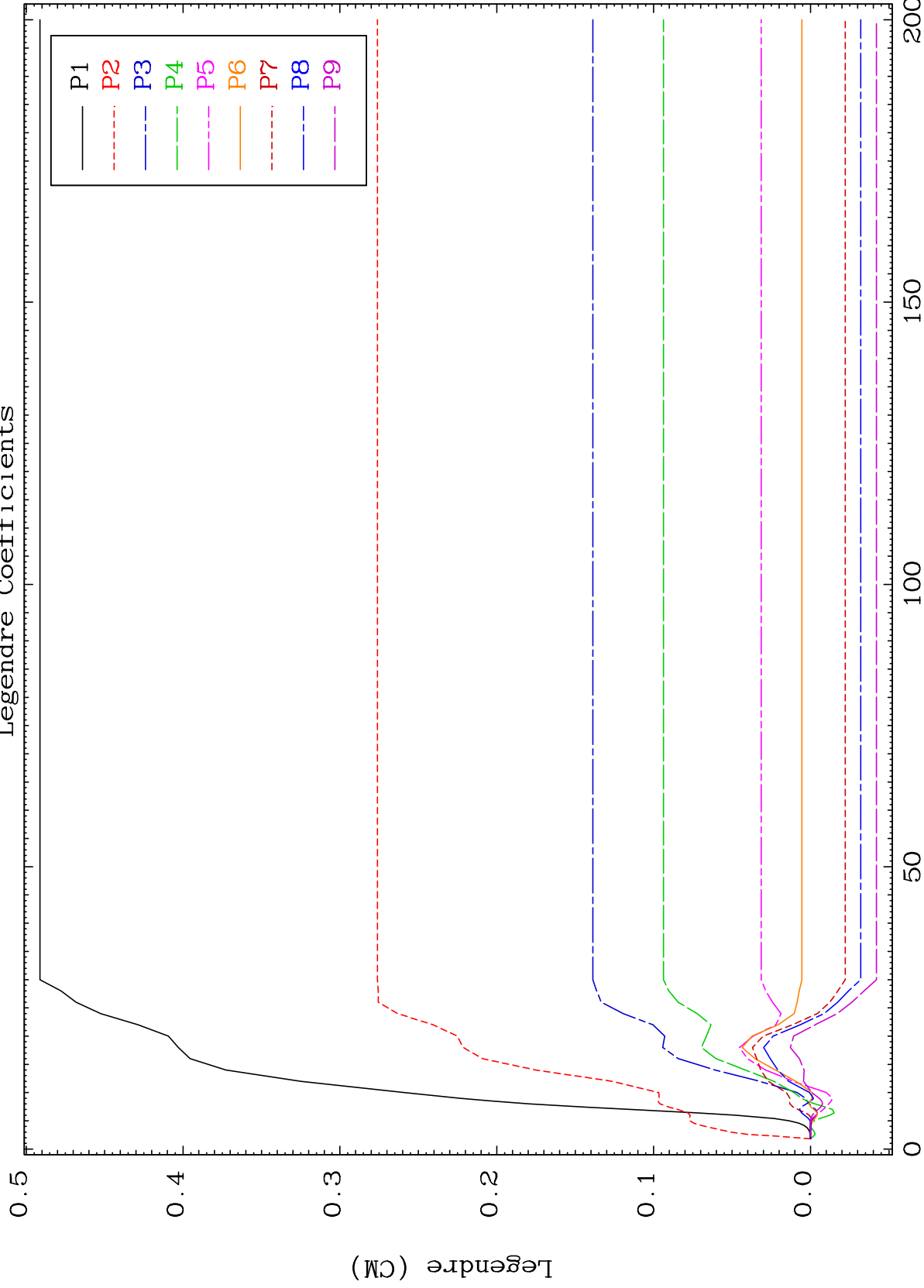
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



48

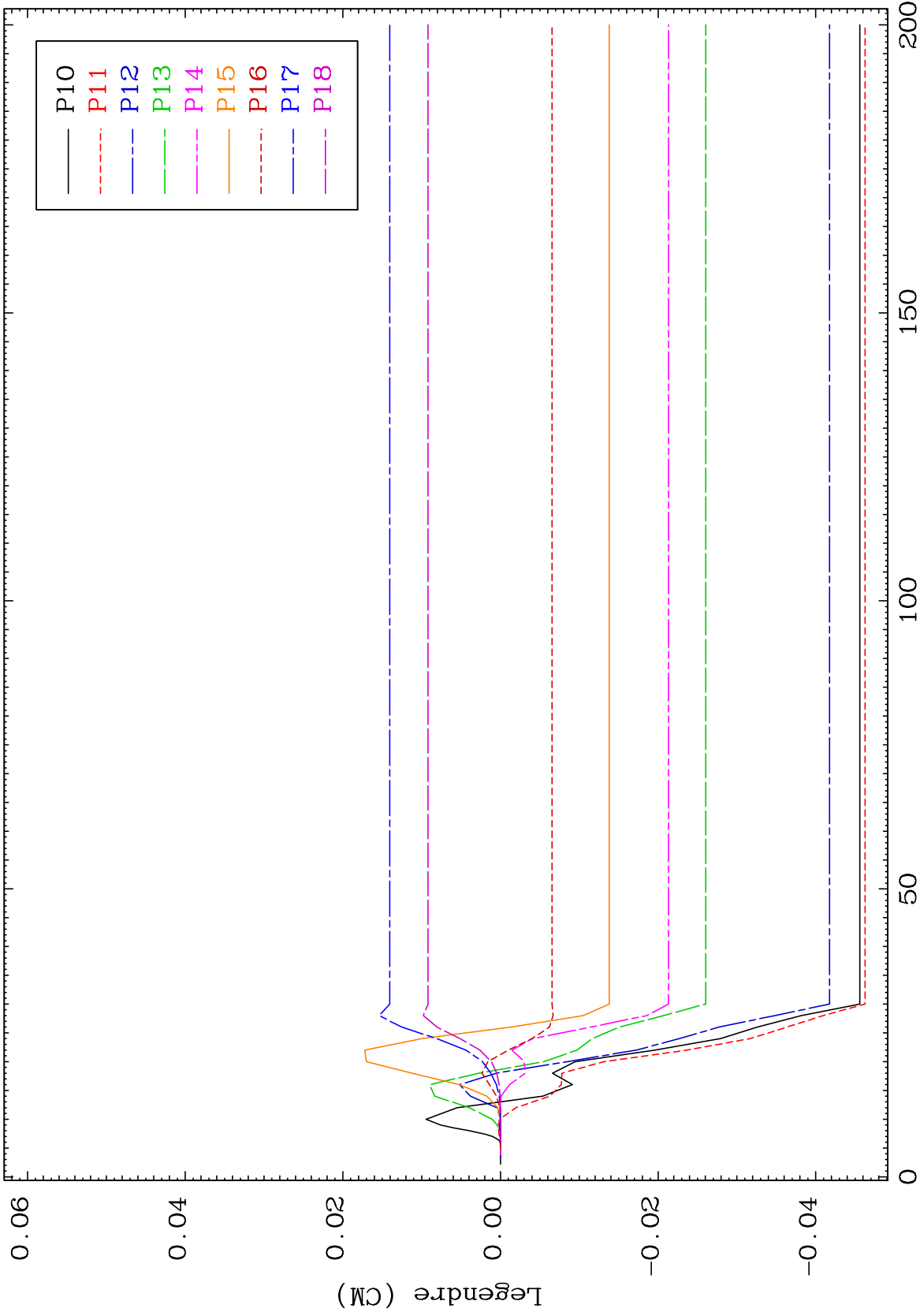
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



49

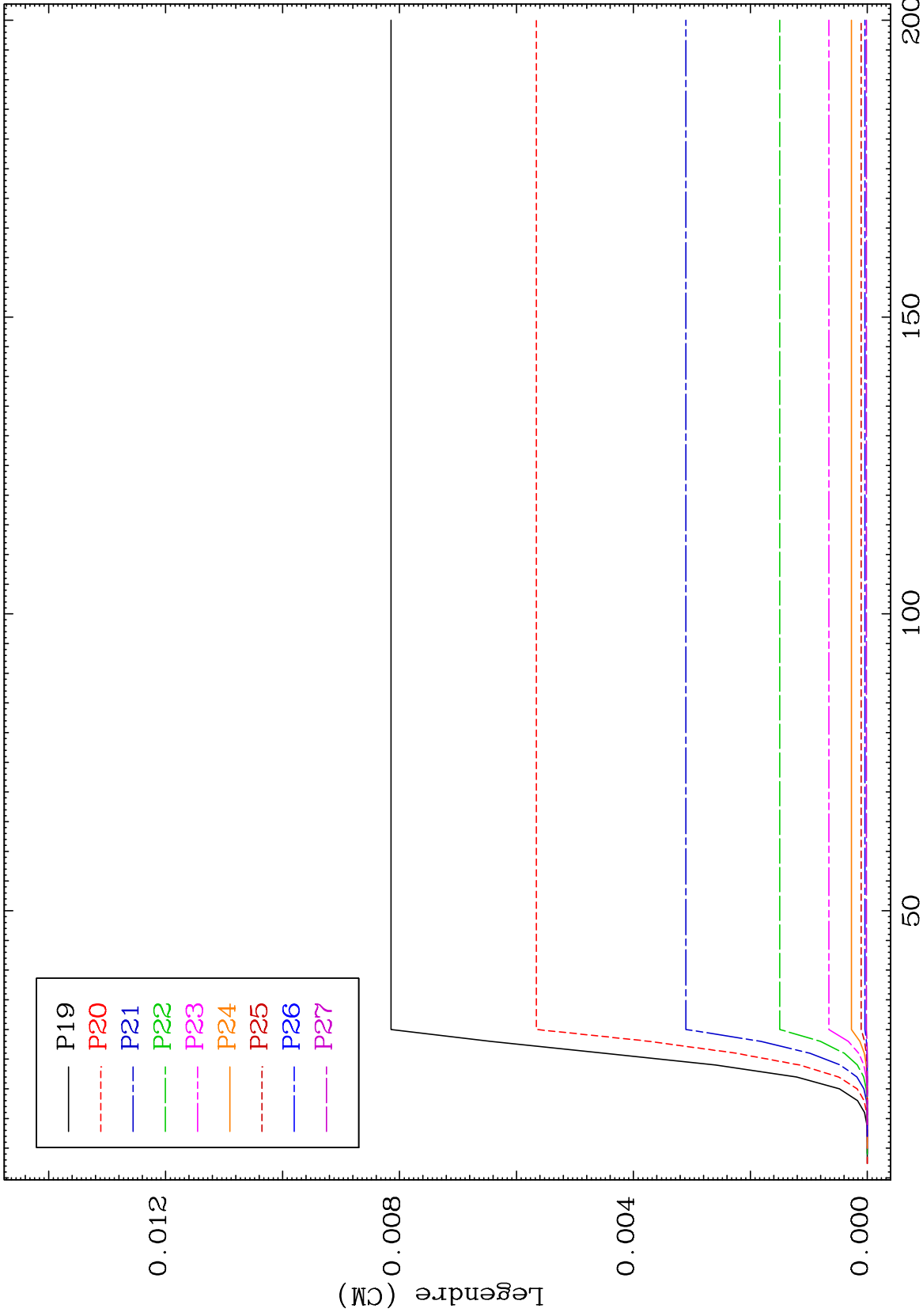
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



50

50

100

150

200

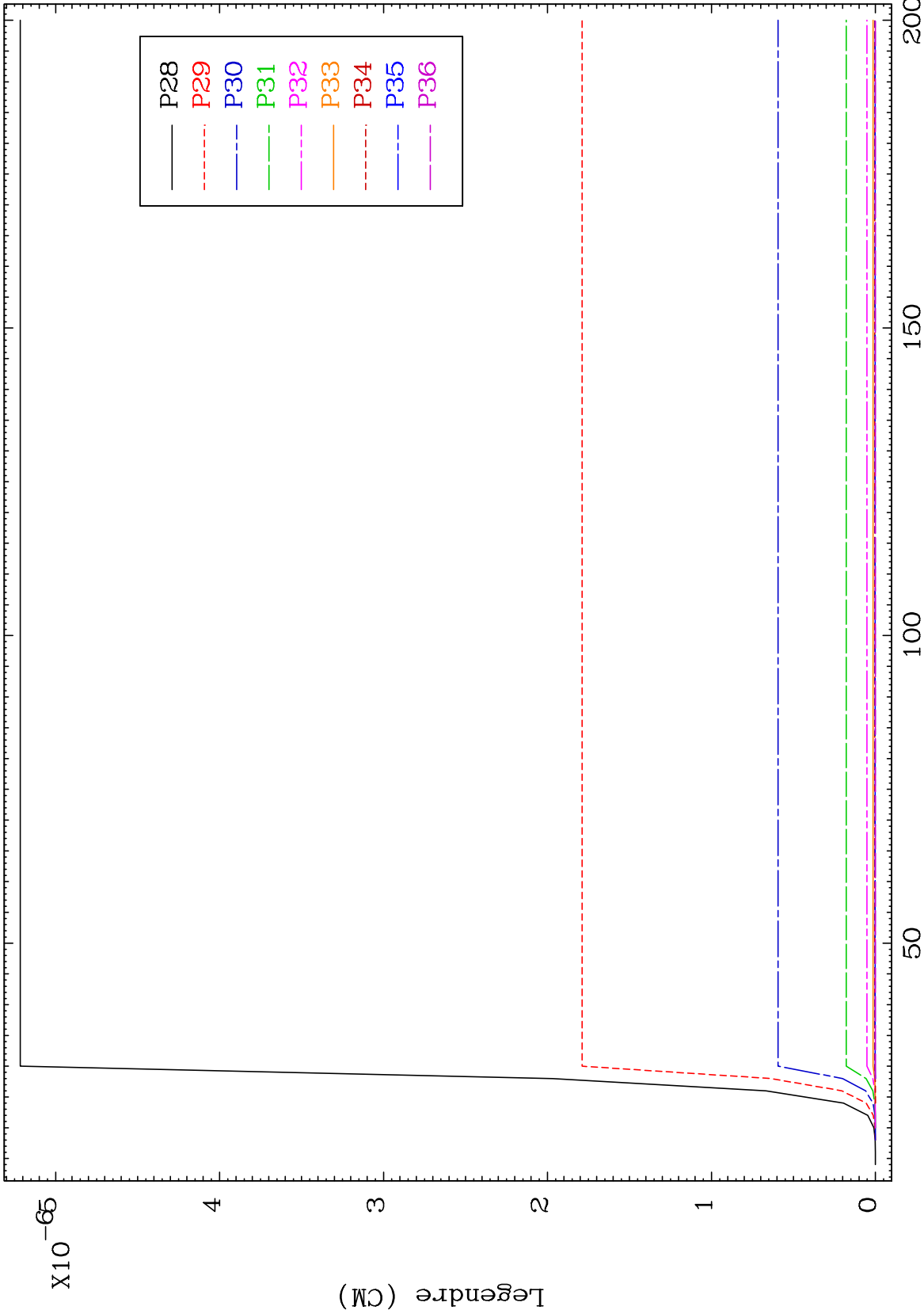
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

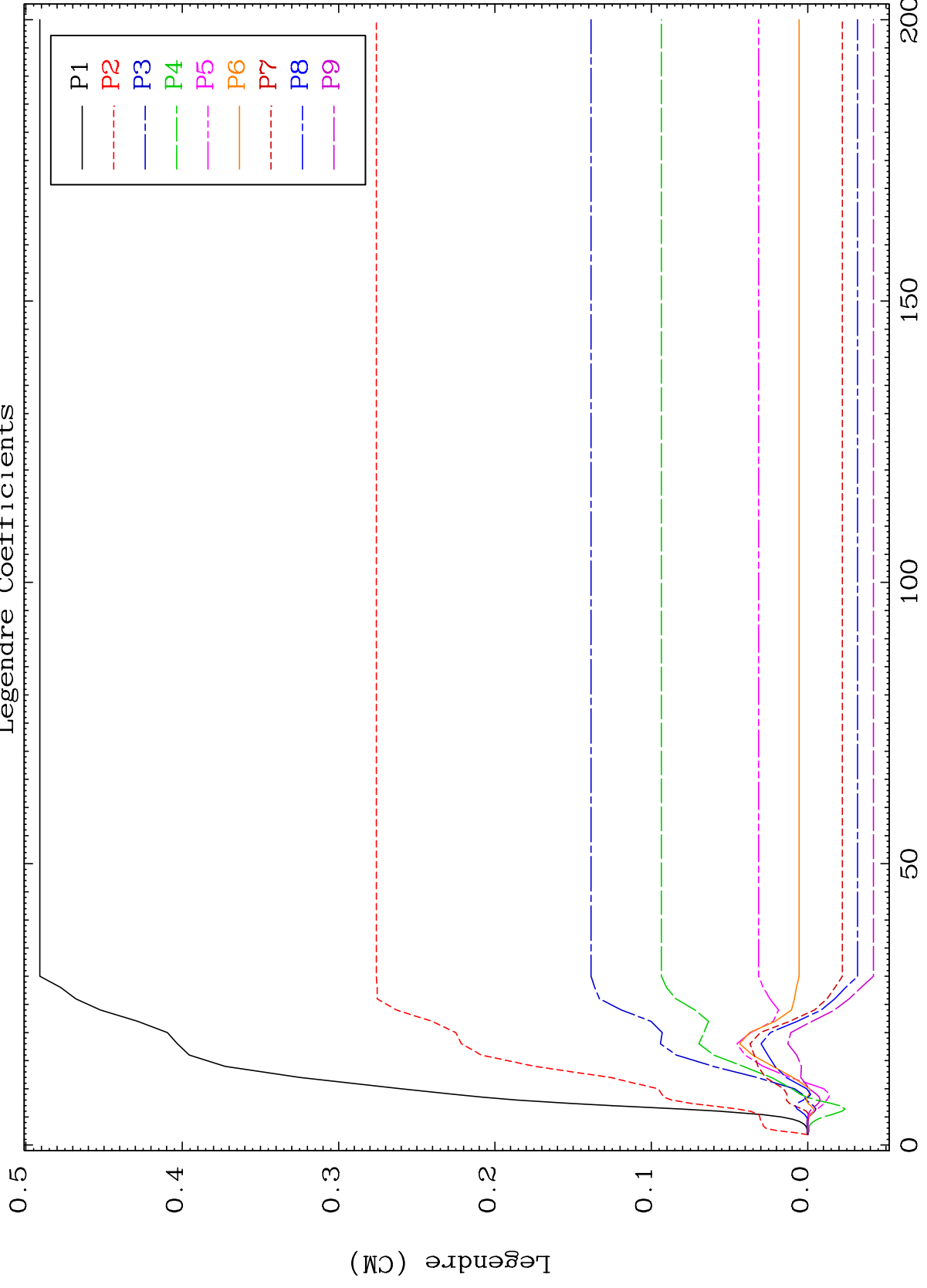
58-Ce-139



51

58-Ce-139

MAT 5834 MT= 59 (n,n') Level Legendre Coefficients 58-Ce-139

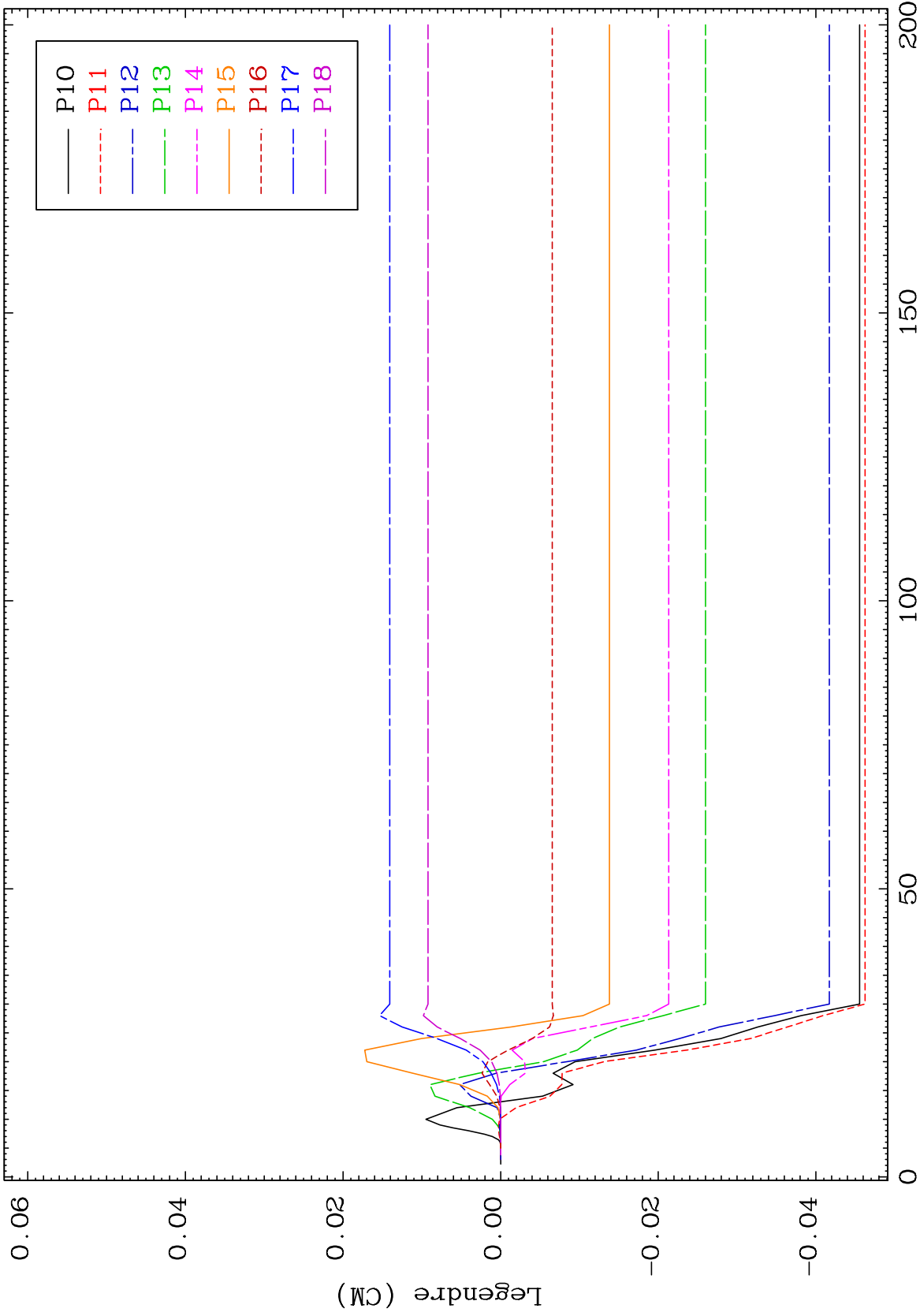


58-Ce-139

MAT 5834

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

58-Ce-139



53

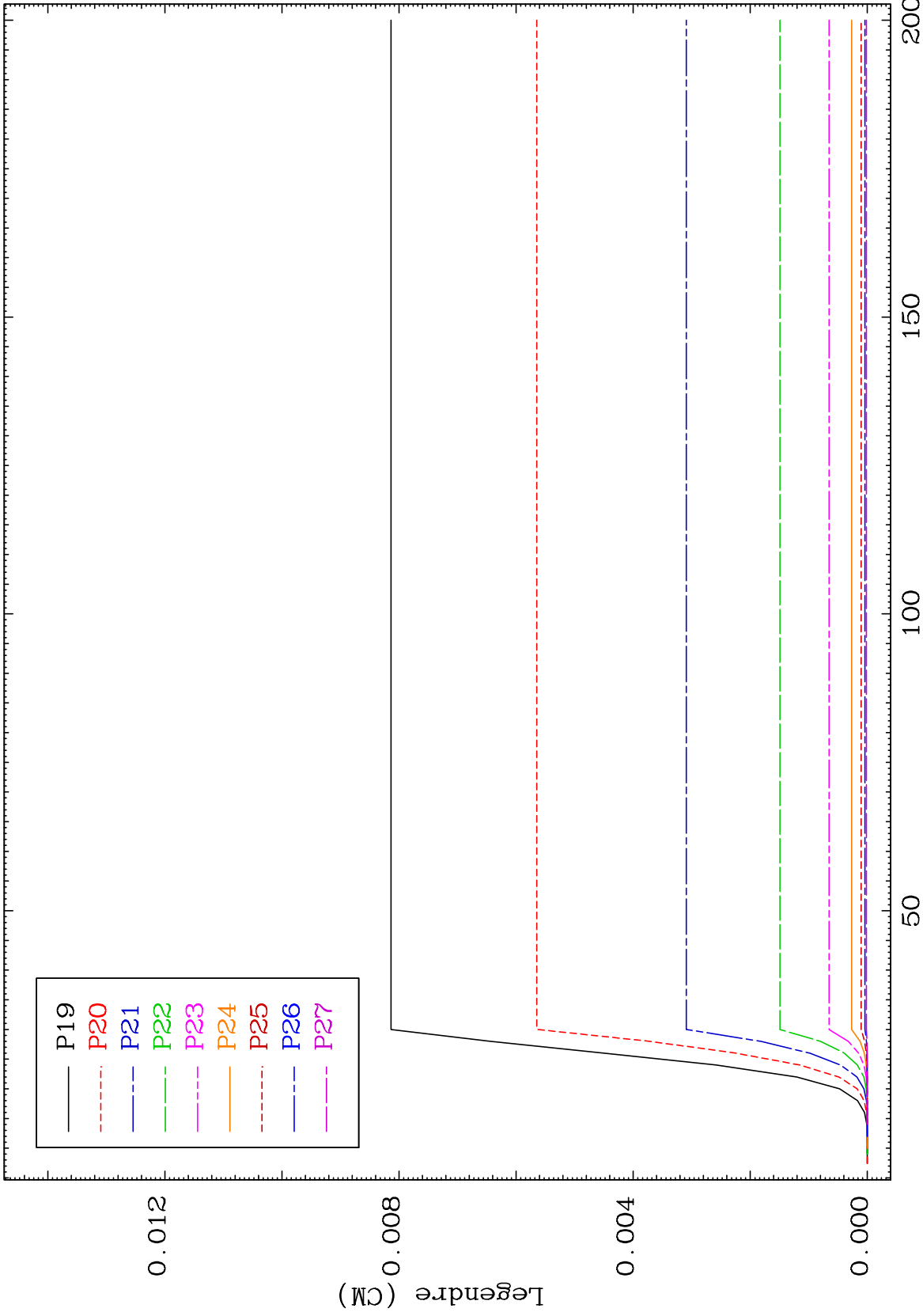
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



54

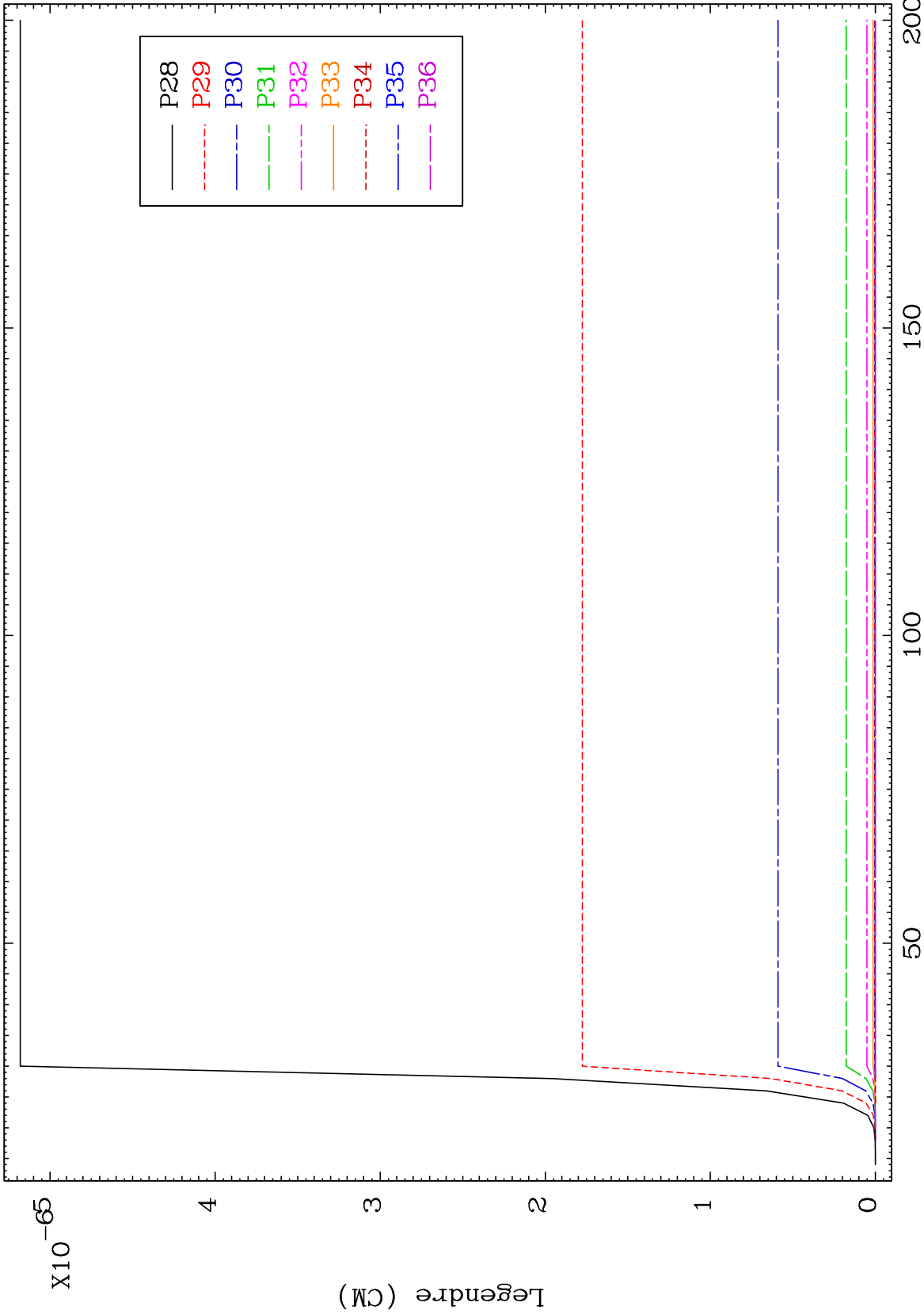
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



55

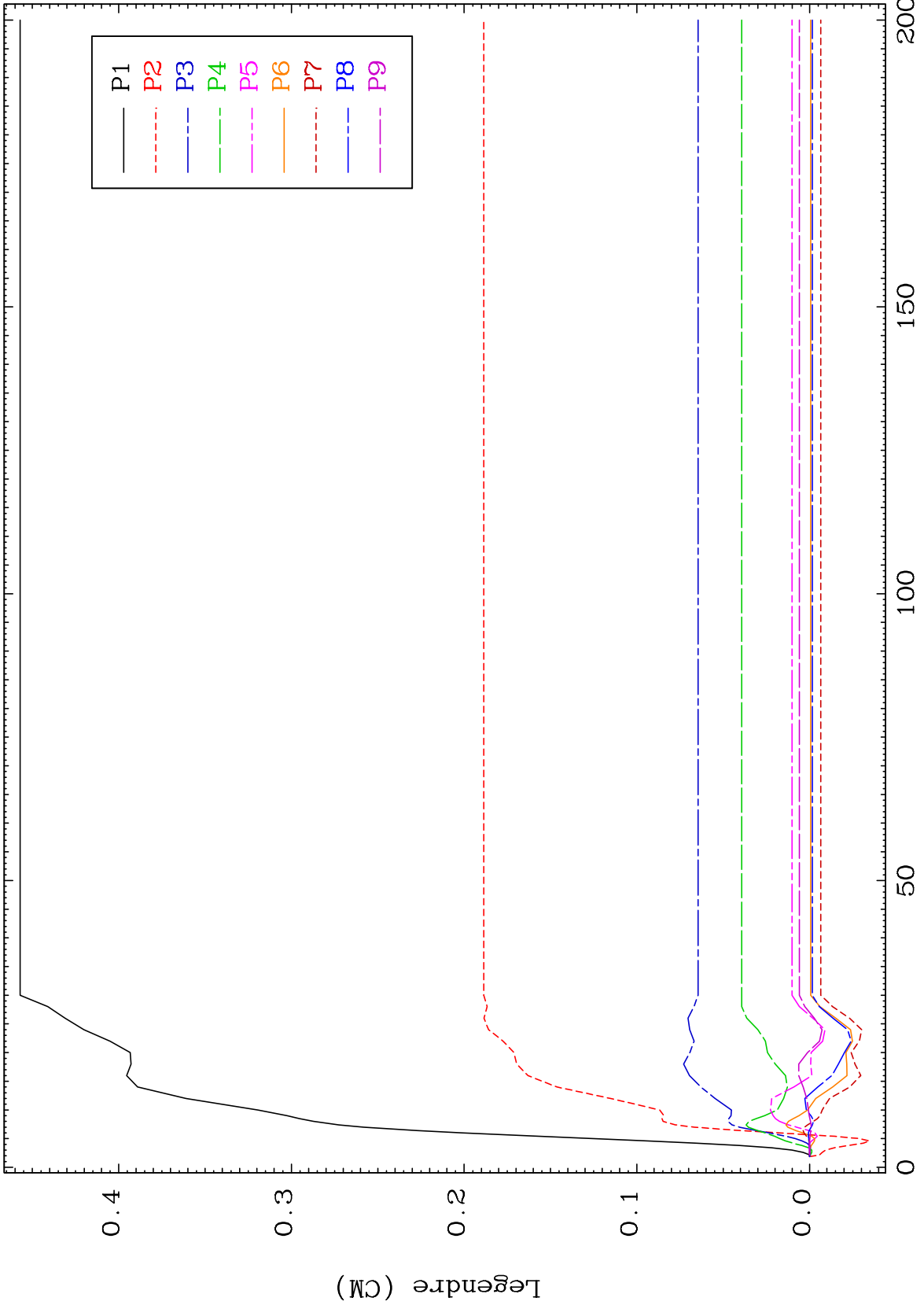
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



56

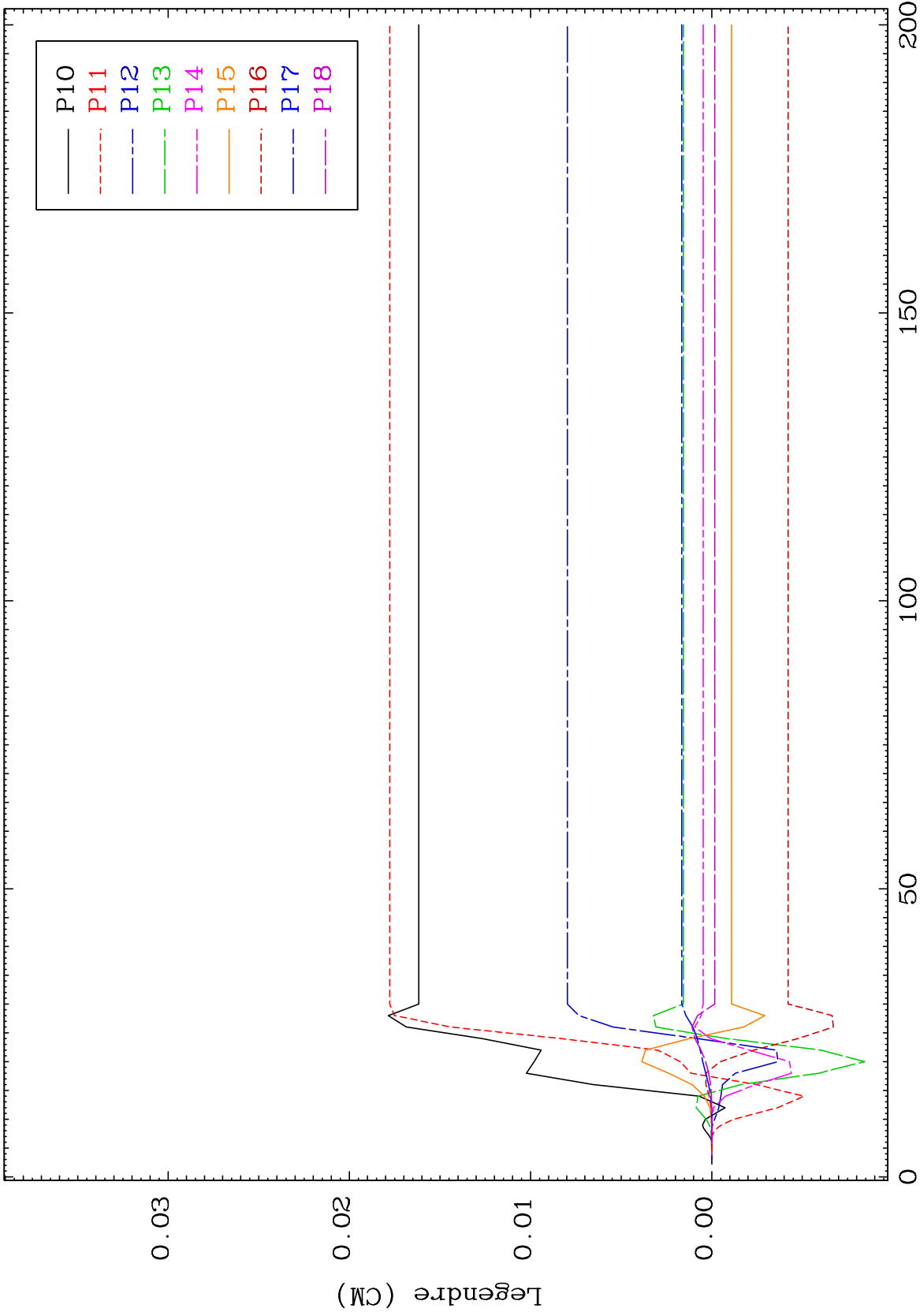
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



57

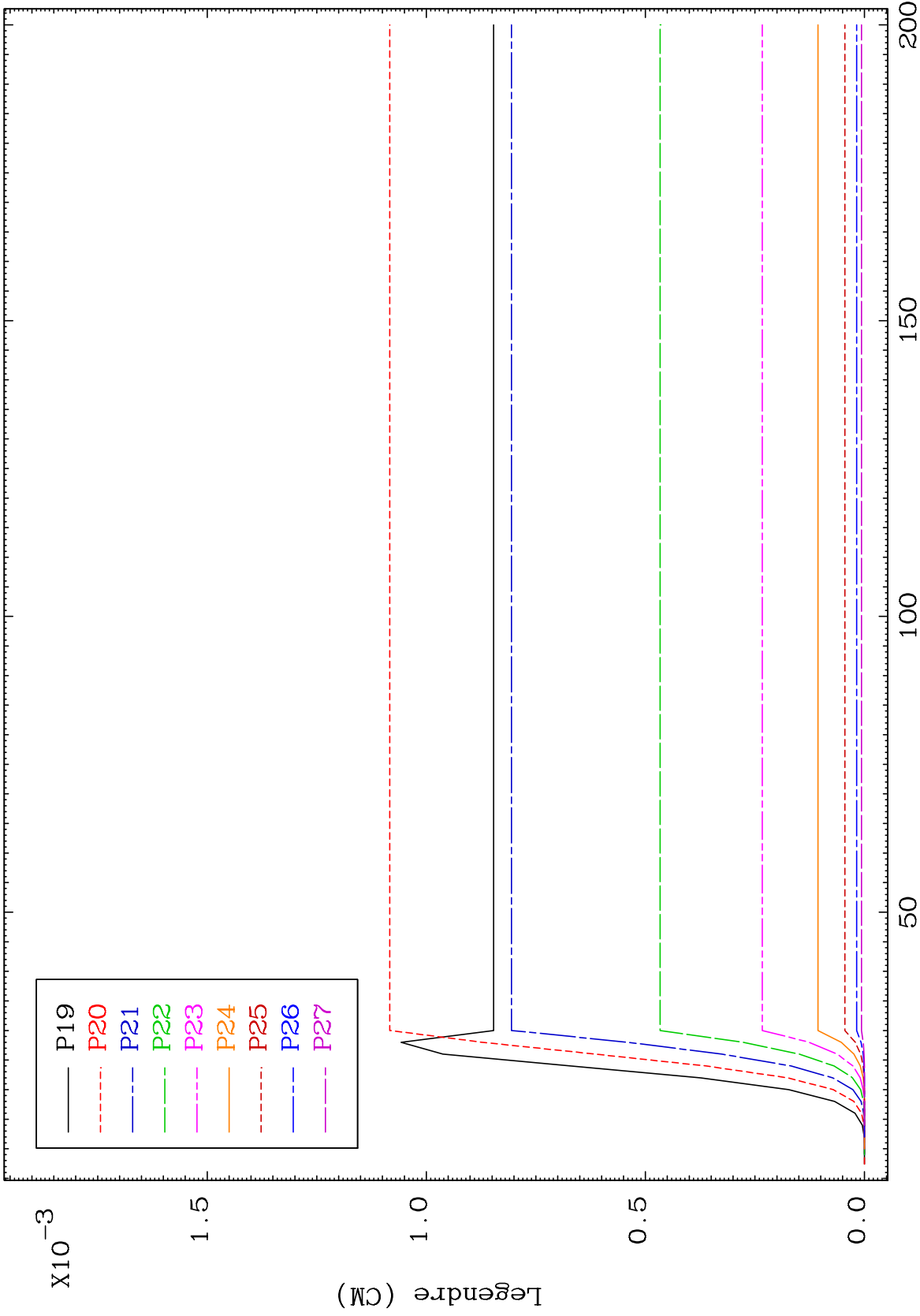
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



58

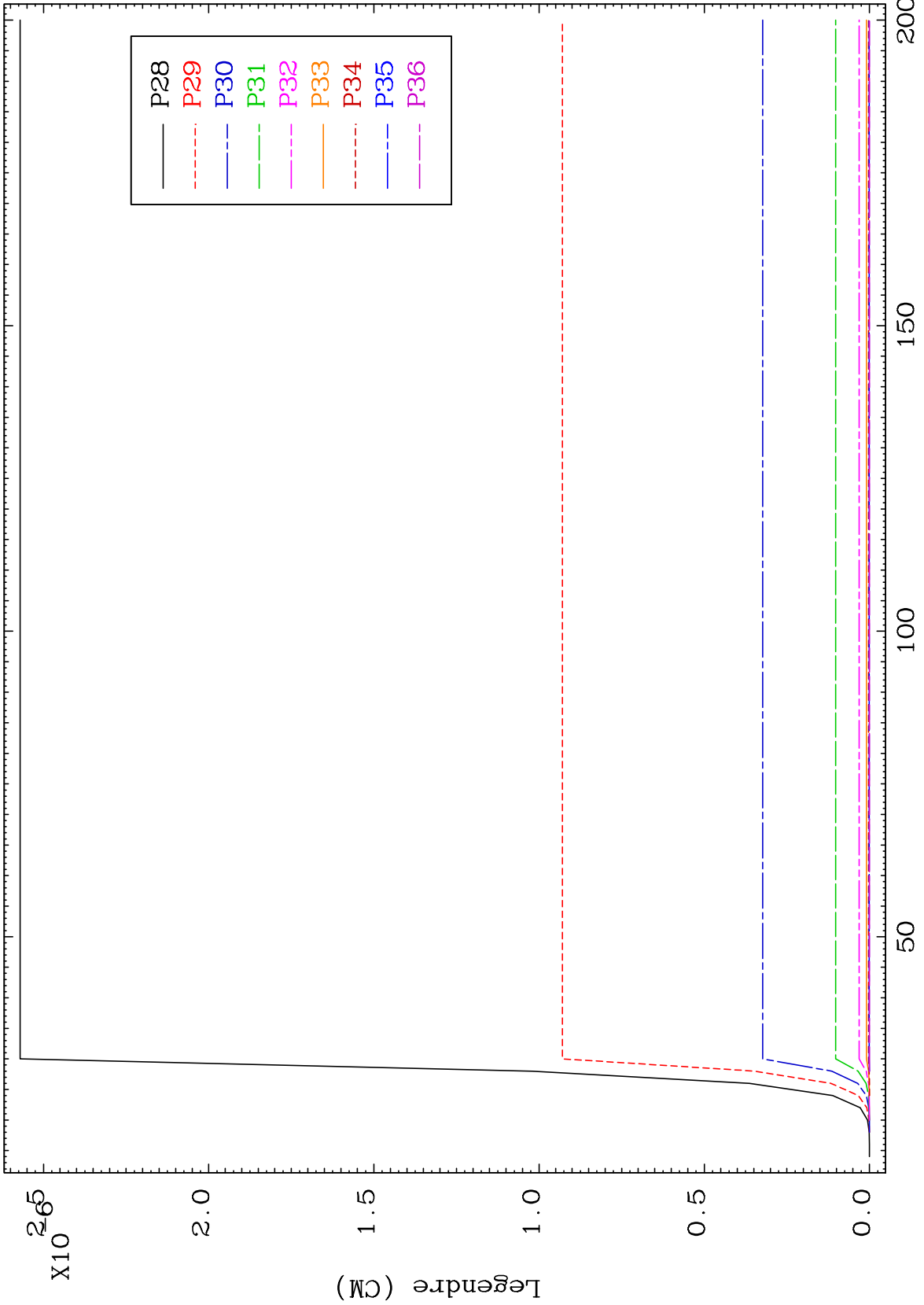
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

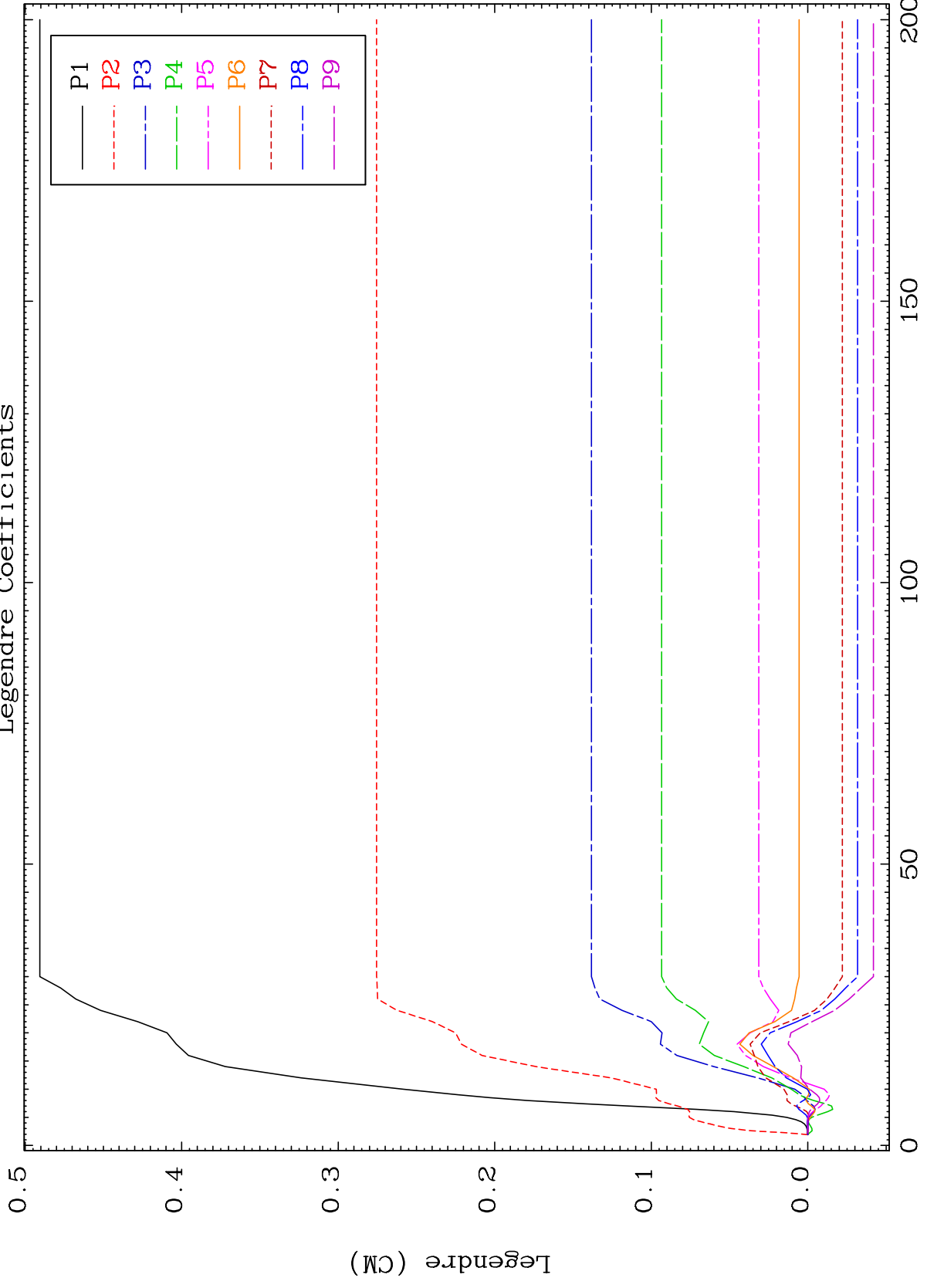


59

Incident Energy (MeV)

58-Ce-139

MAT 5834 MT= 61 (n,n') Level Legendre Coefficients 58-Ce-139

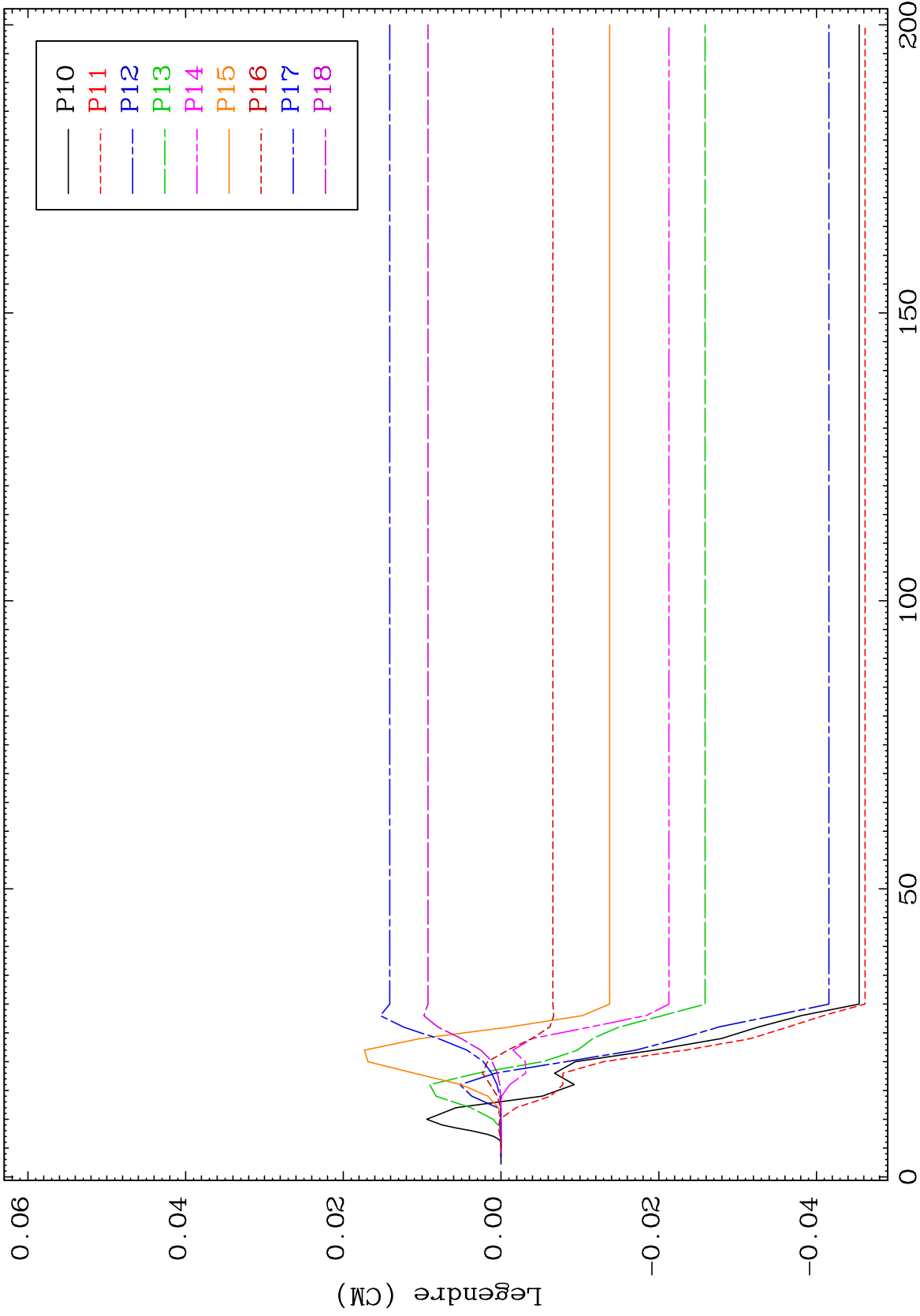


58-Ce-139 Incident Energy (MeV)

MAT 5834

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

58-Ce-139



61

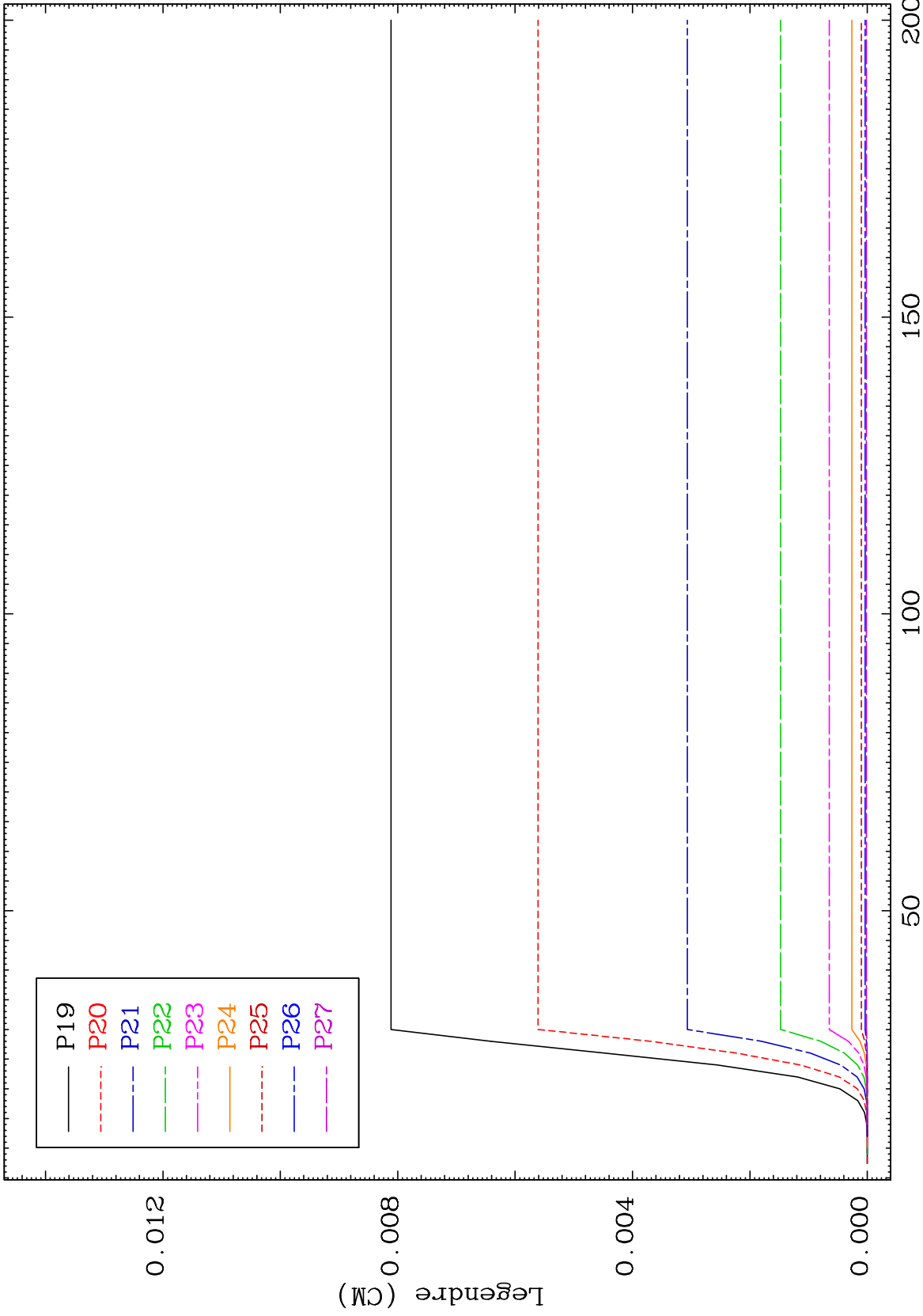
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



62

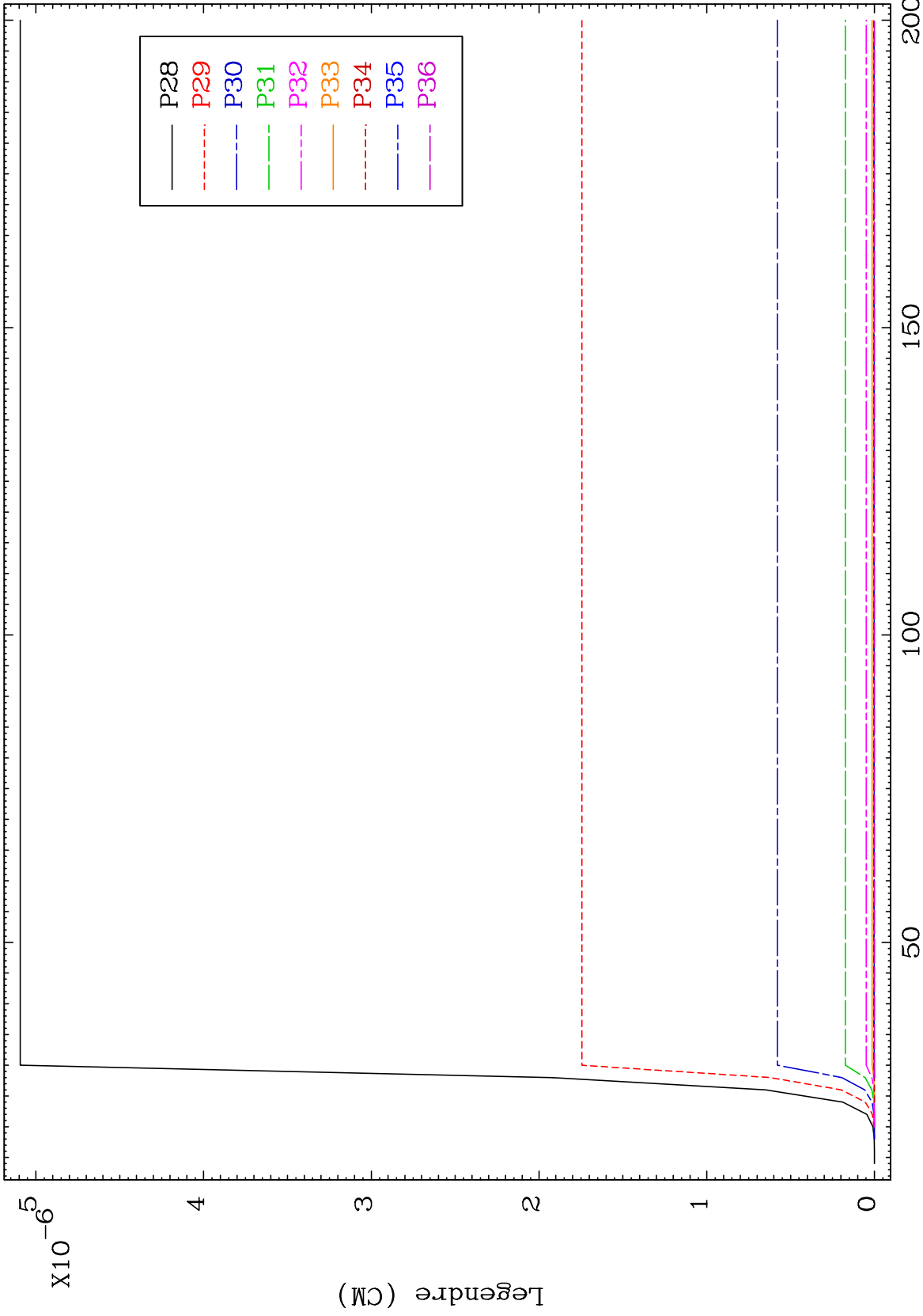
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

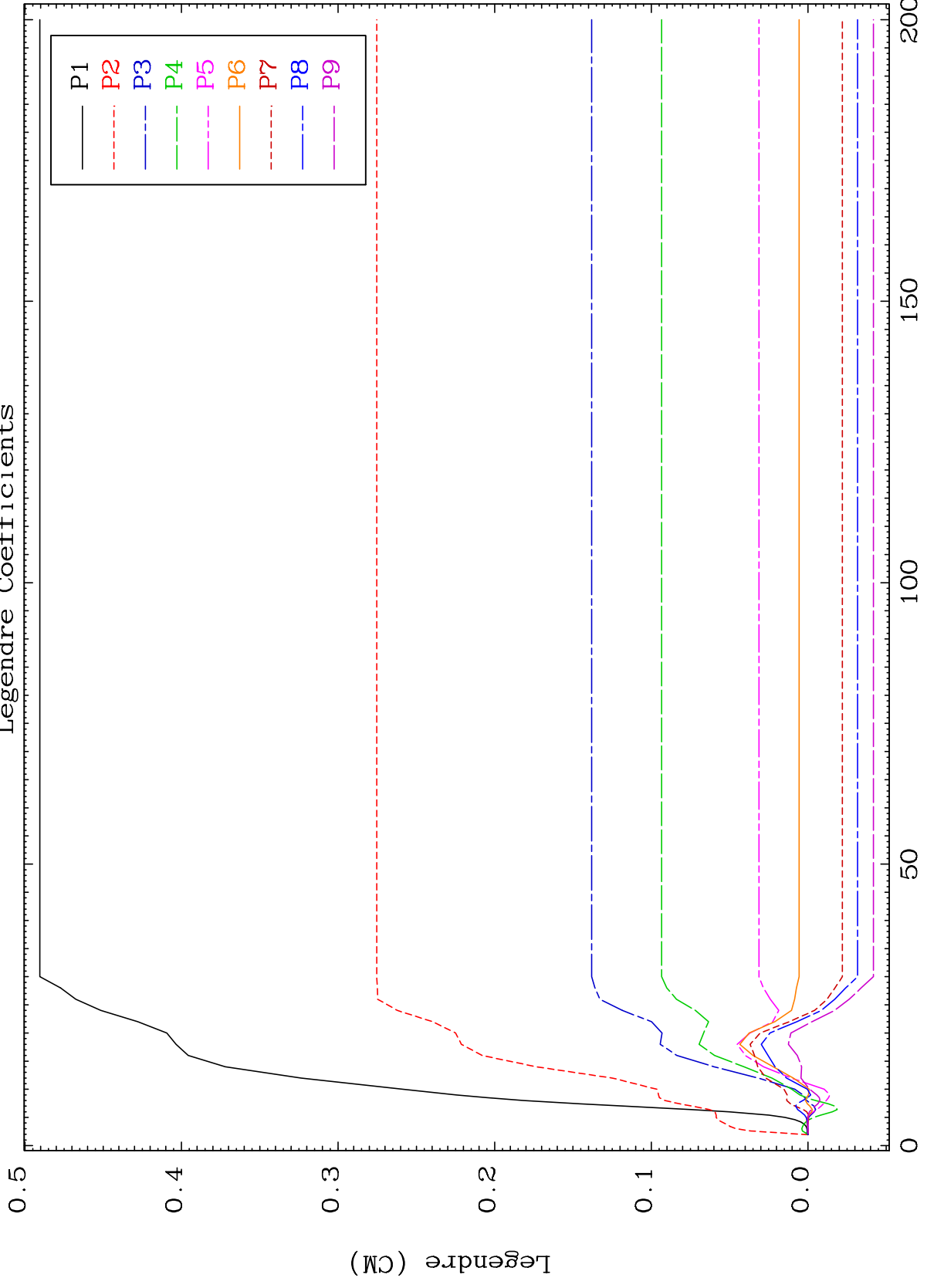
58-Ce-139



63

58-Ce-139

MAT 5834 MT= 62 (n,n') Level Legendre Coefficients 58-Ce-139

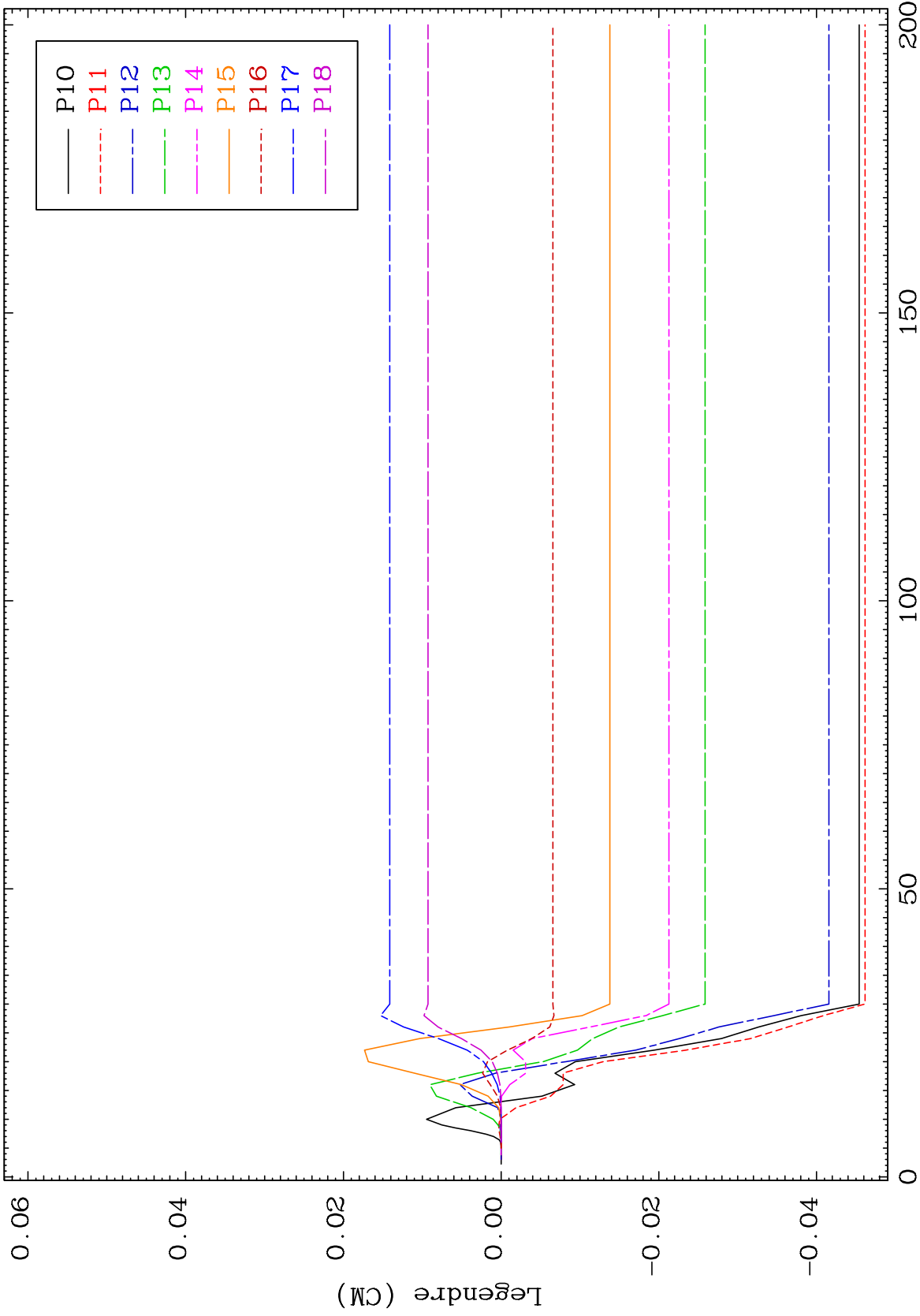


64 58-Ce-139

MAT 5834

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

58-Ce-139



65

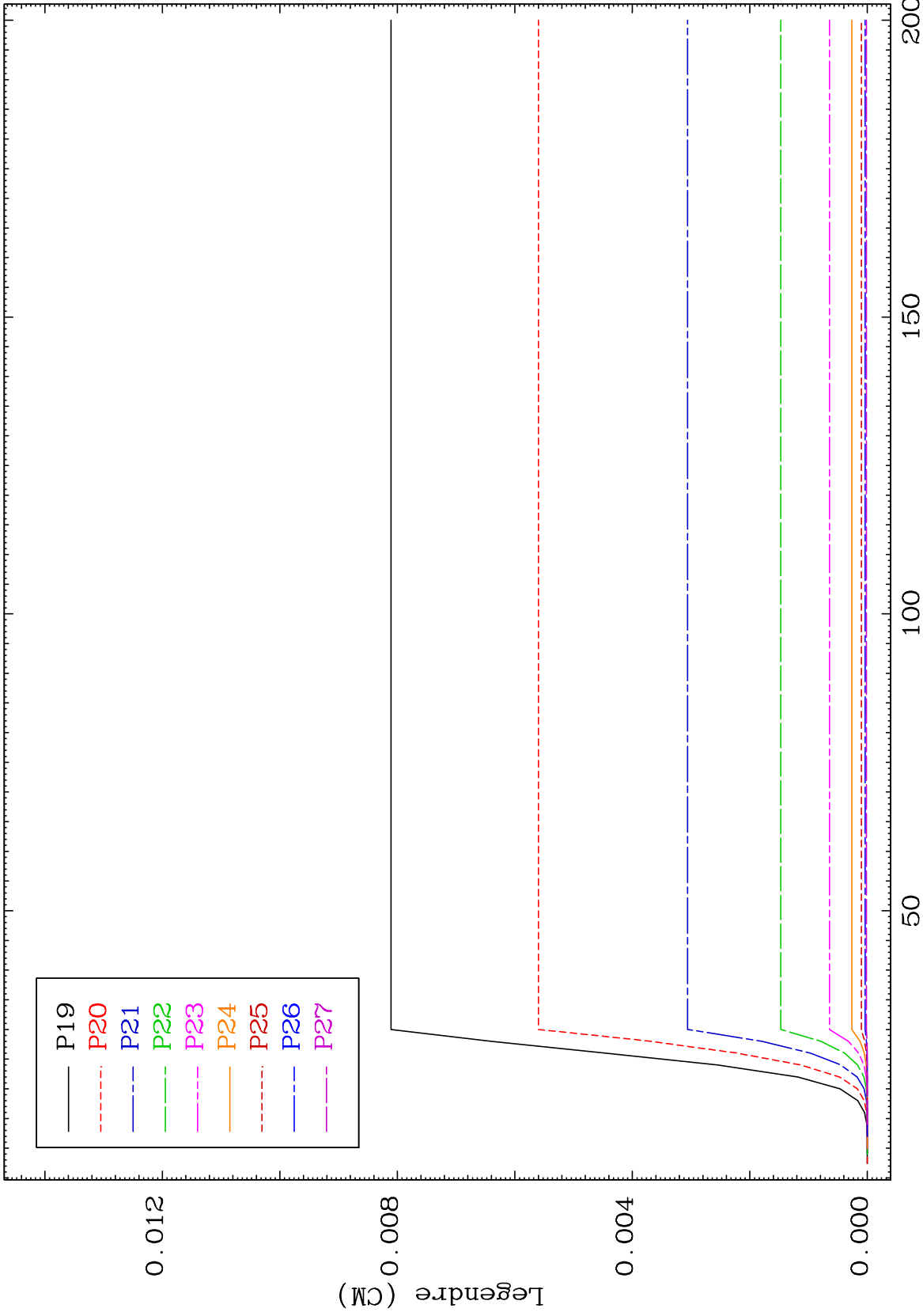
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



66

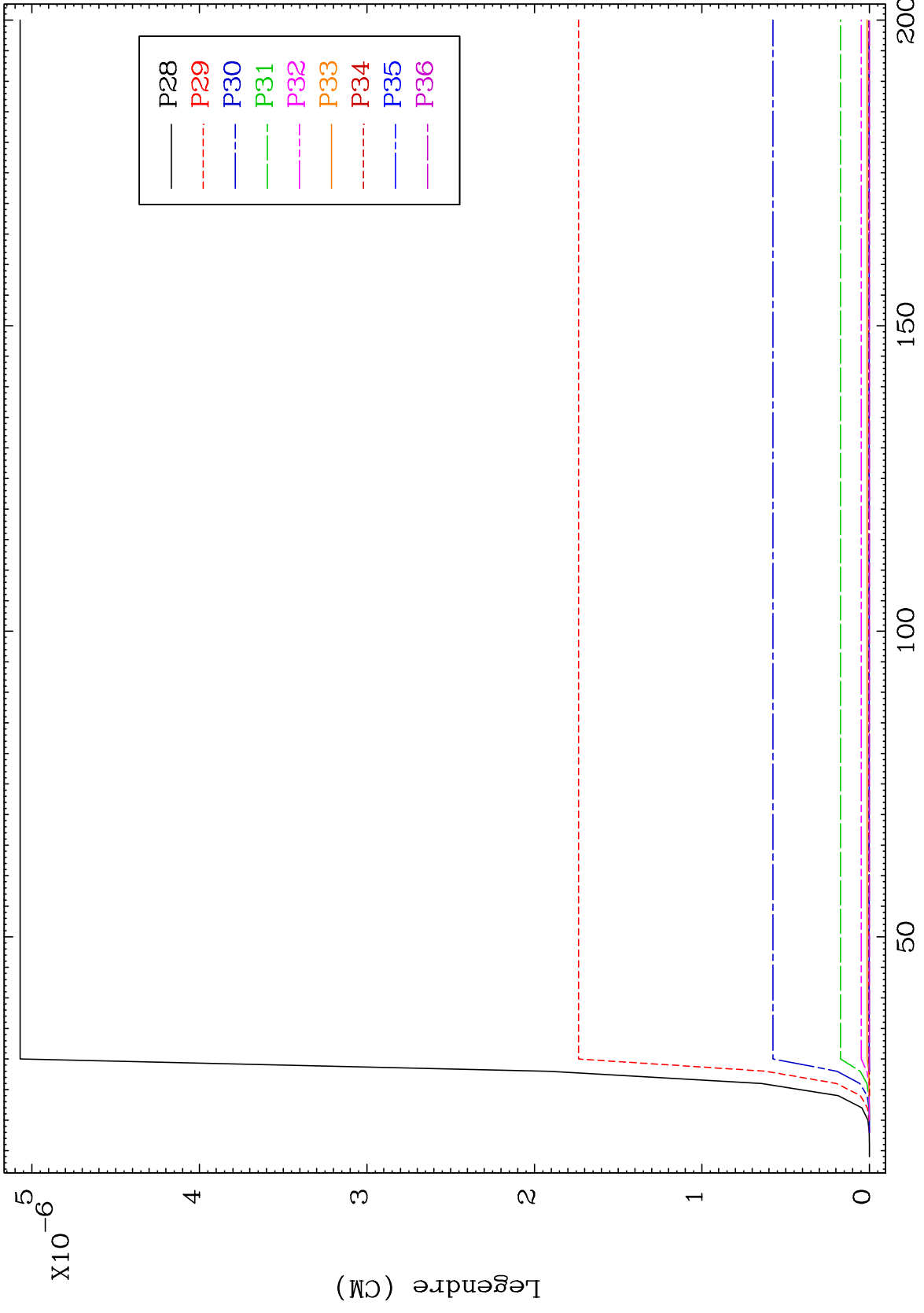
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

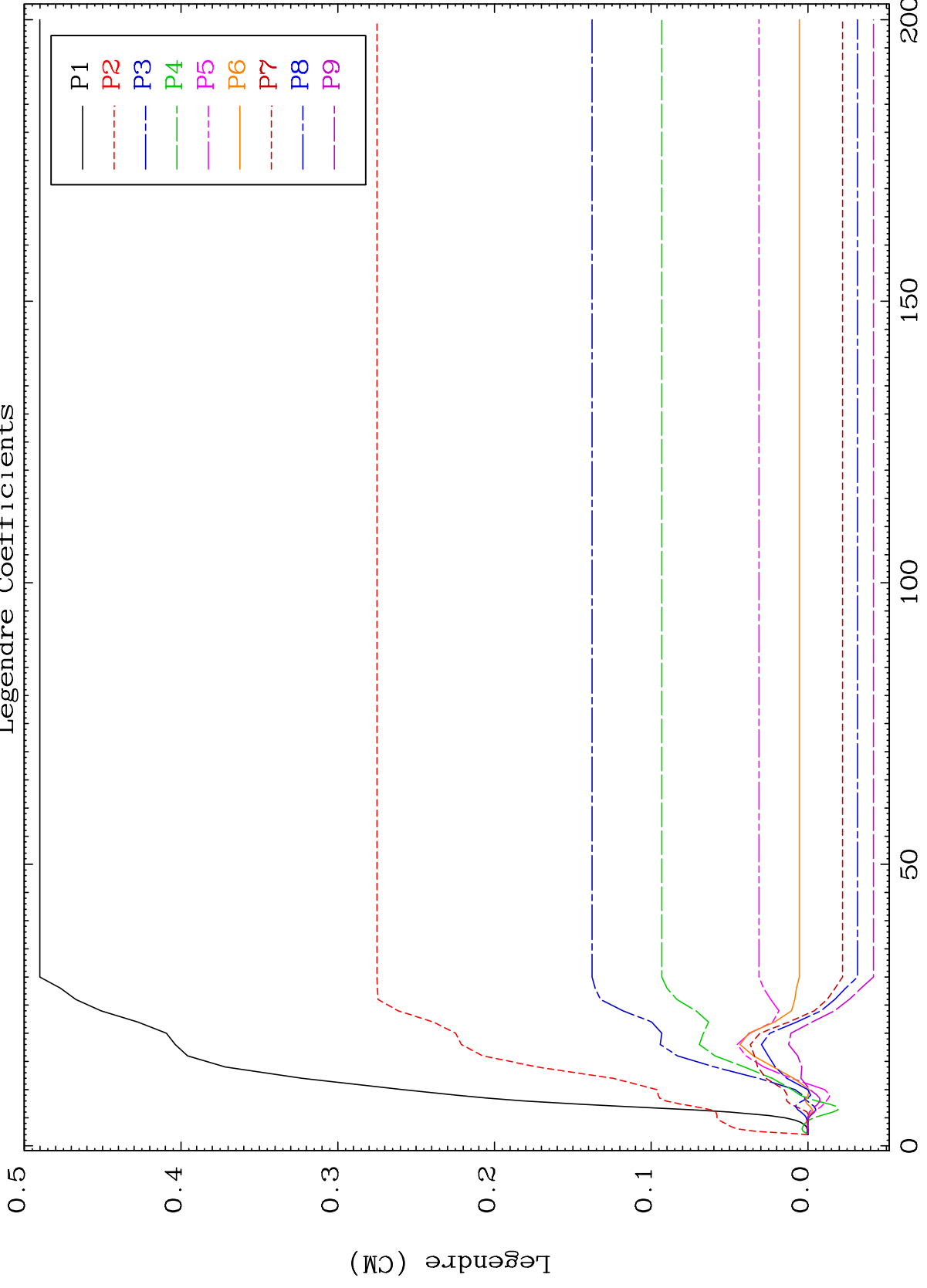


67

Incident Energy (MeV)

58-Ce-139

MAT 5834 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-139

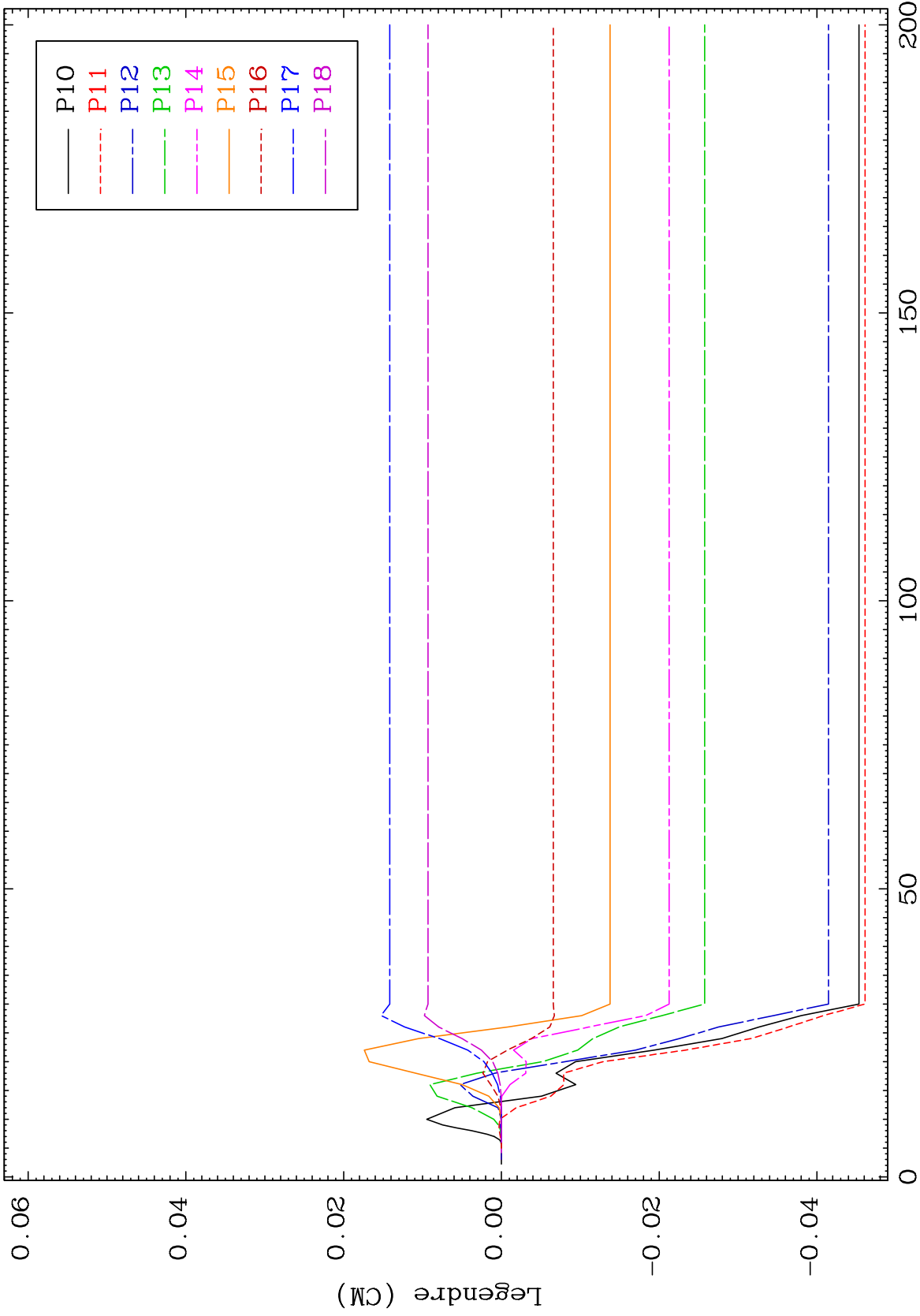


68 58-Ce-139

MAT 5834

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

58-Ce-139



69

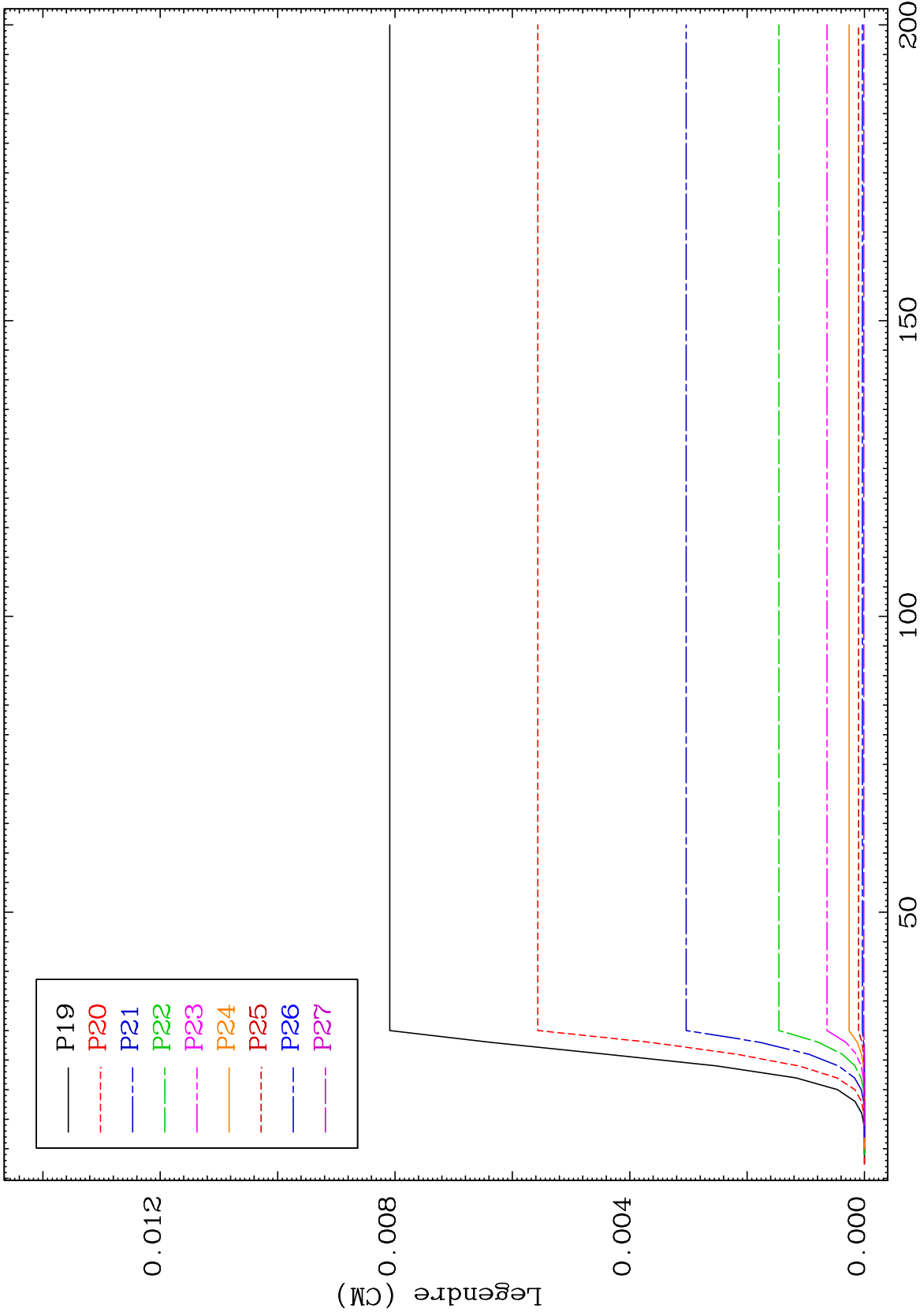
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



70

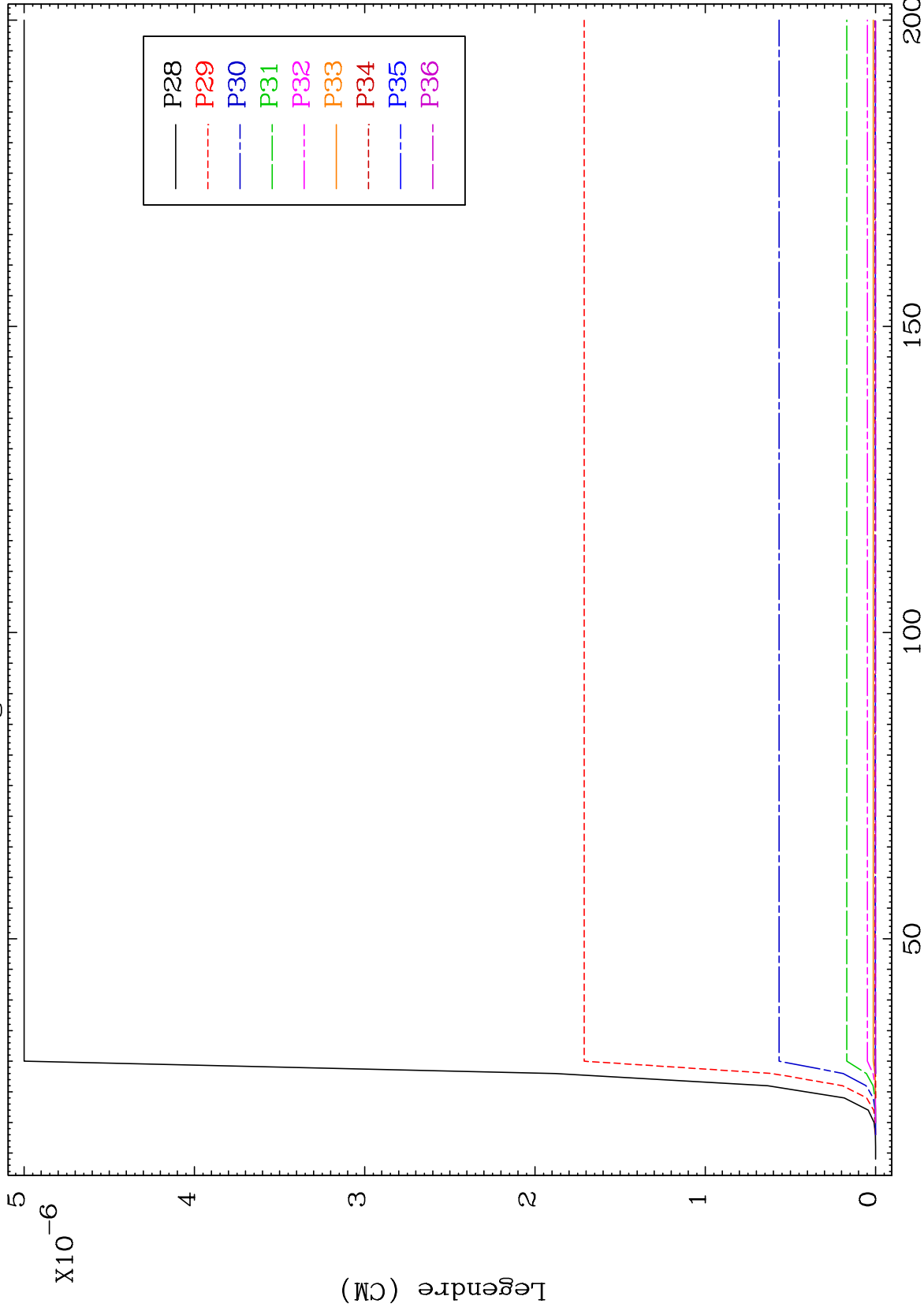
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

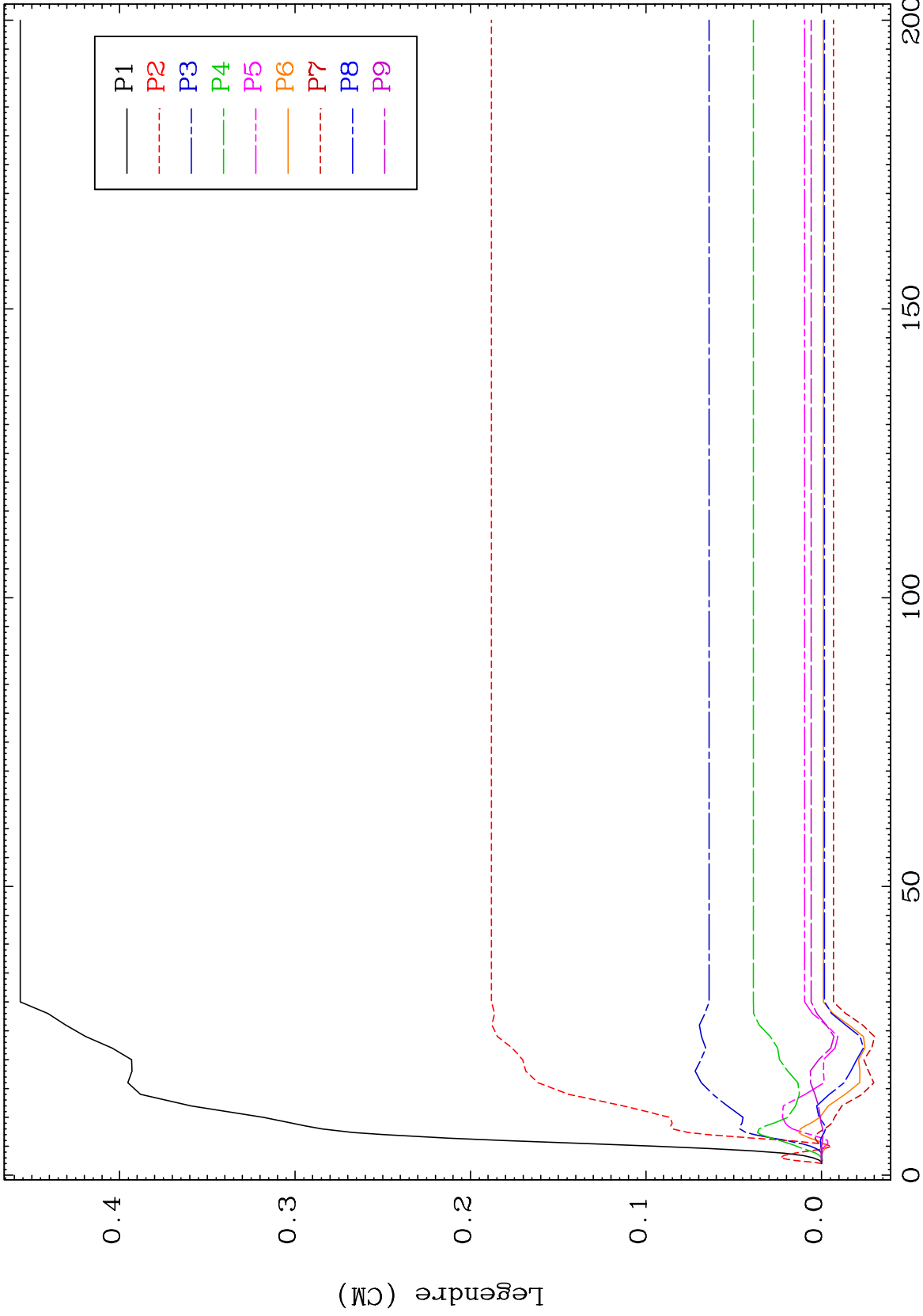
58-Ce-139



MAT 5834

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

58-Ce-139



72

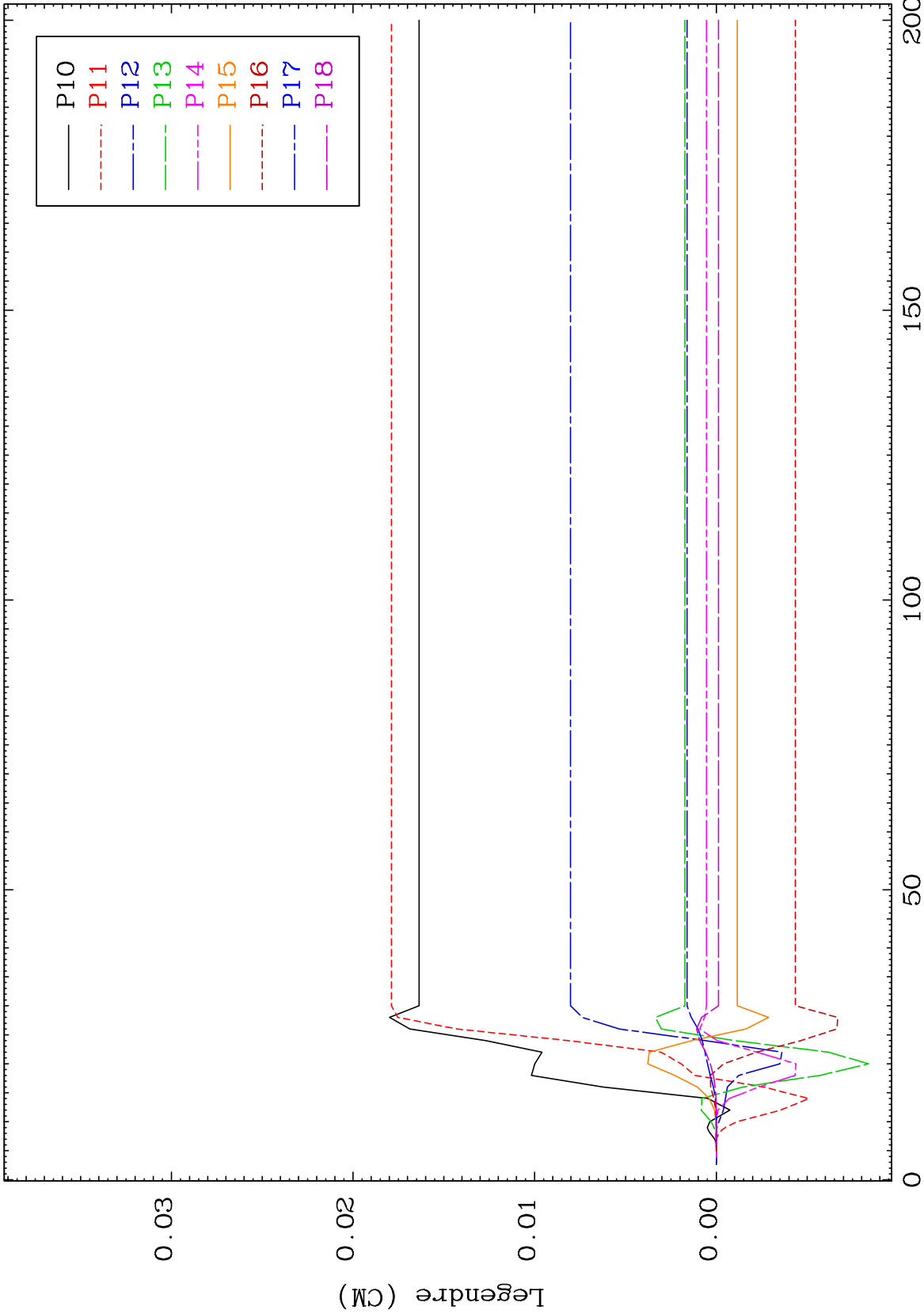
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



73

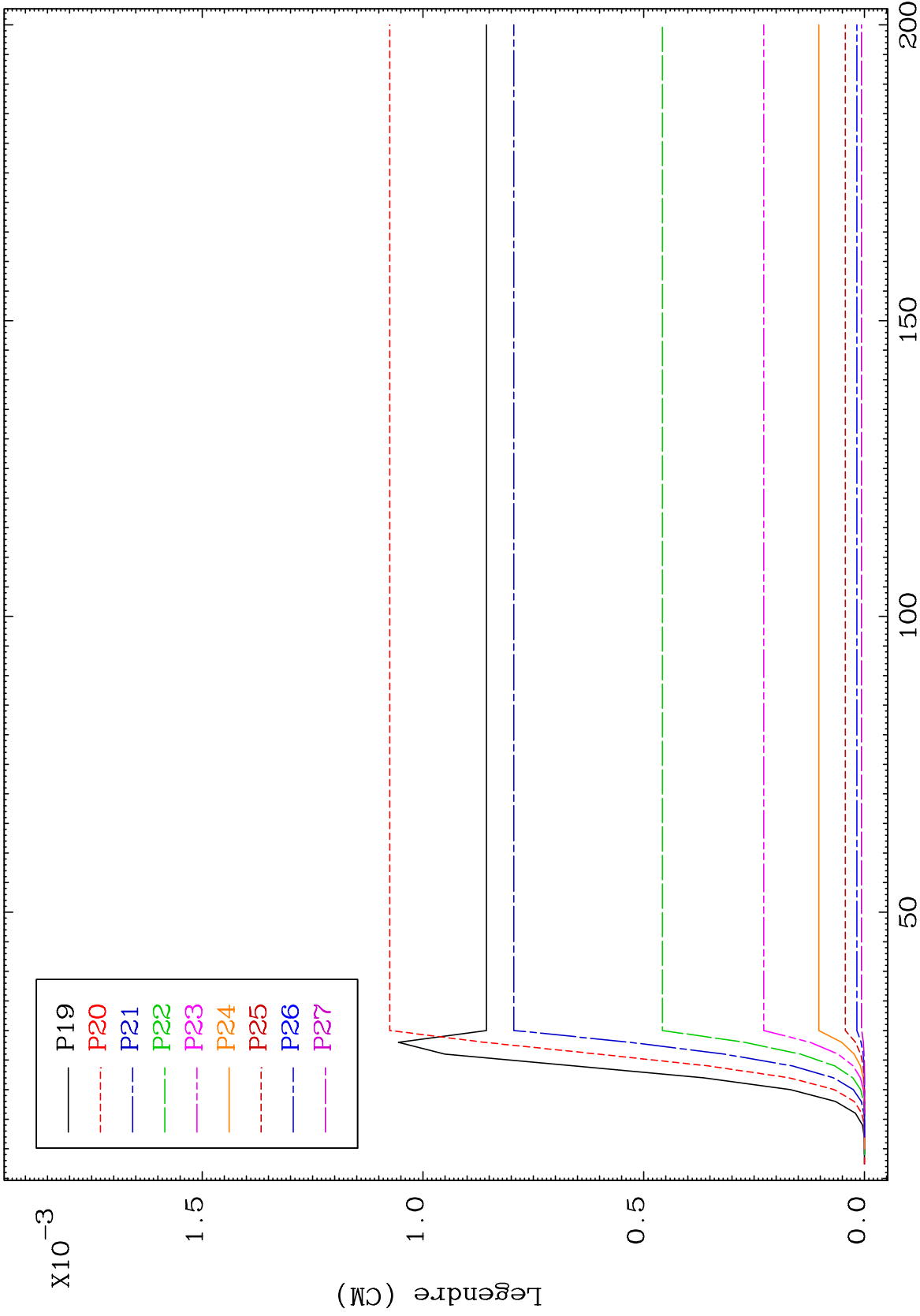
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

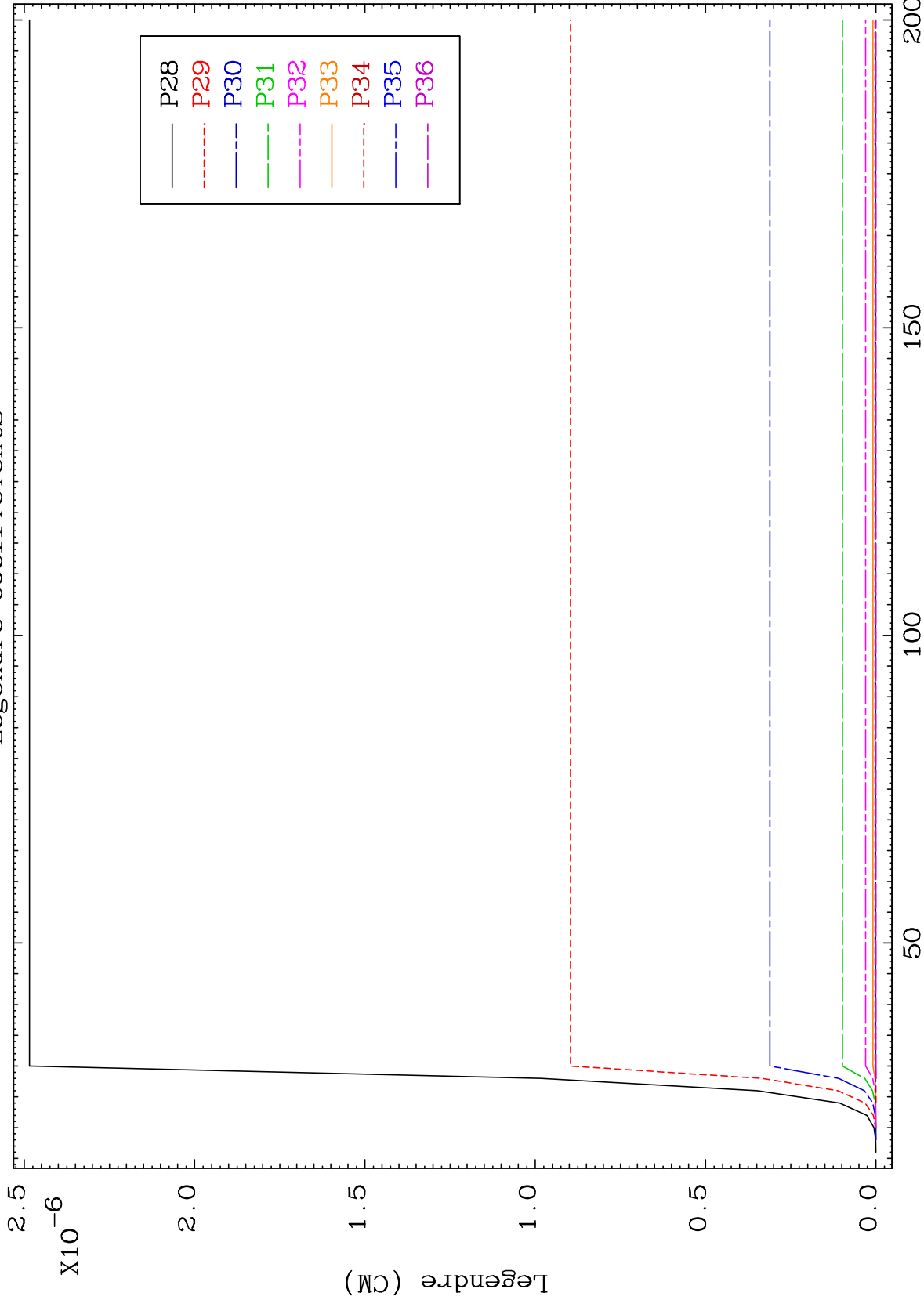


74

MAT 5834

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

58-Ce-139



75

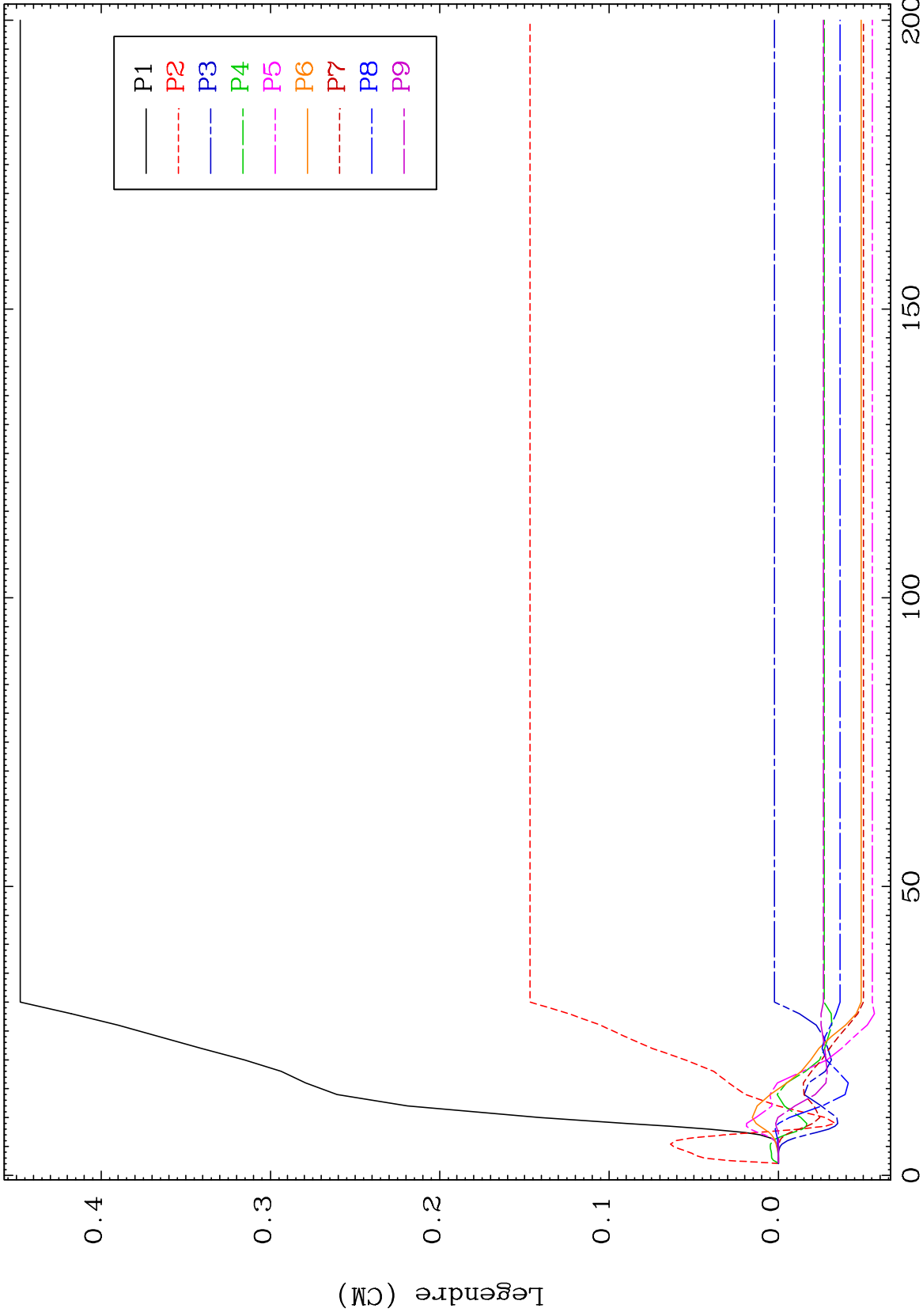
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



76

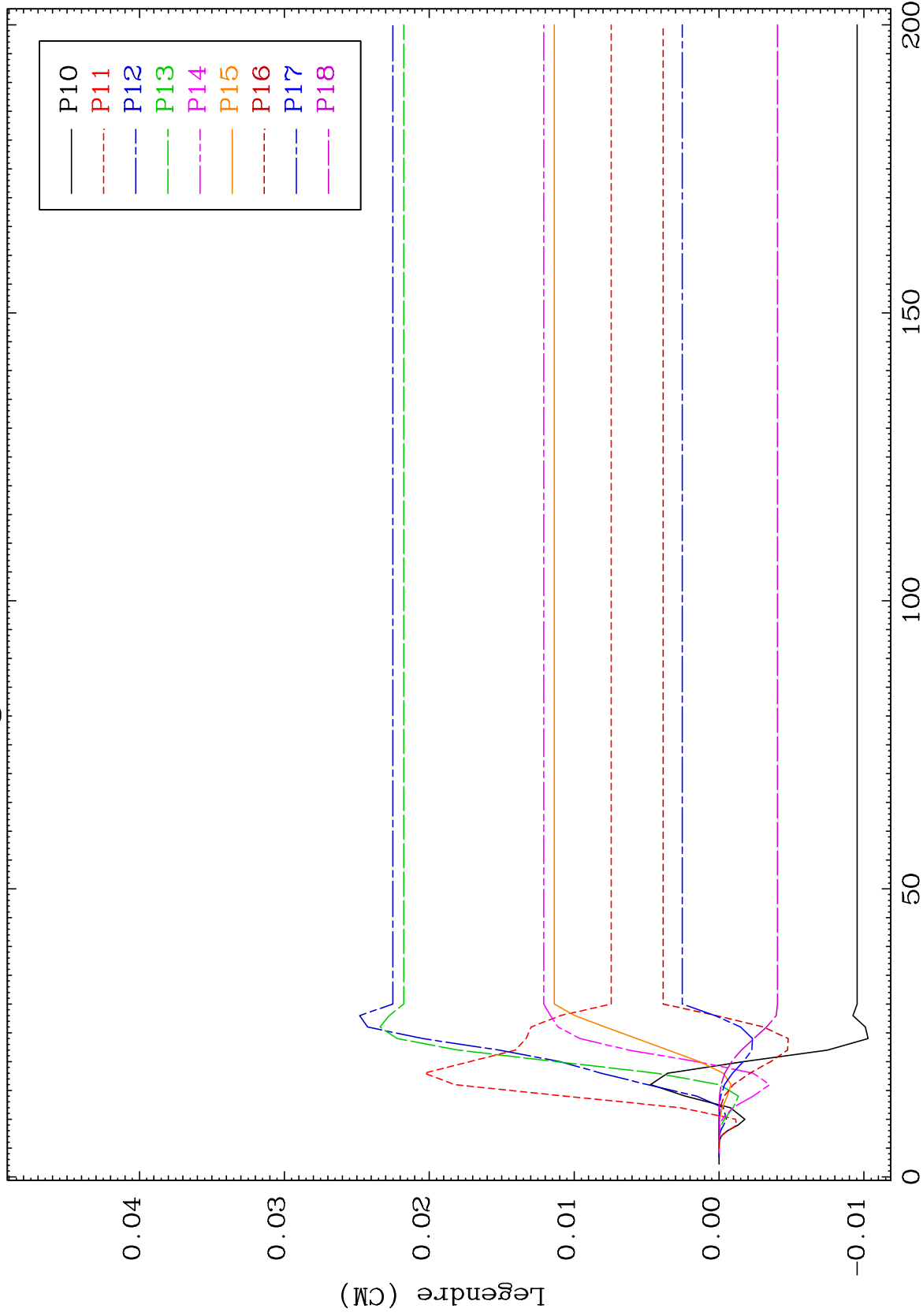
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



77

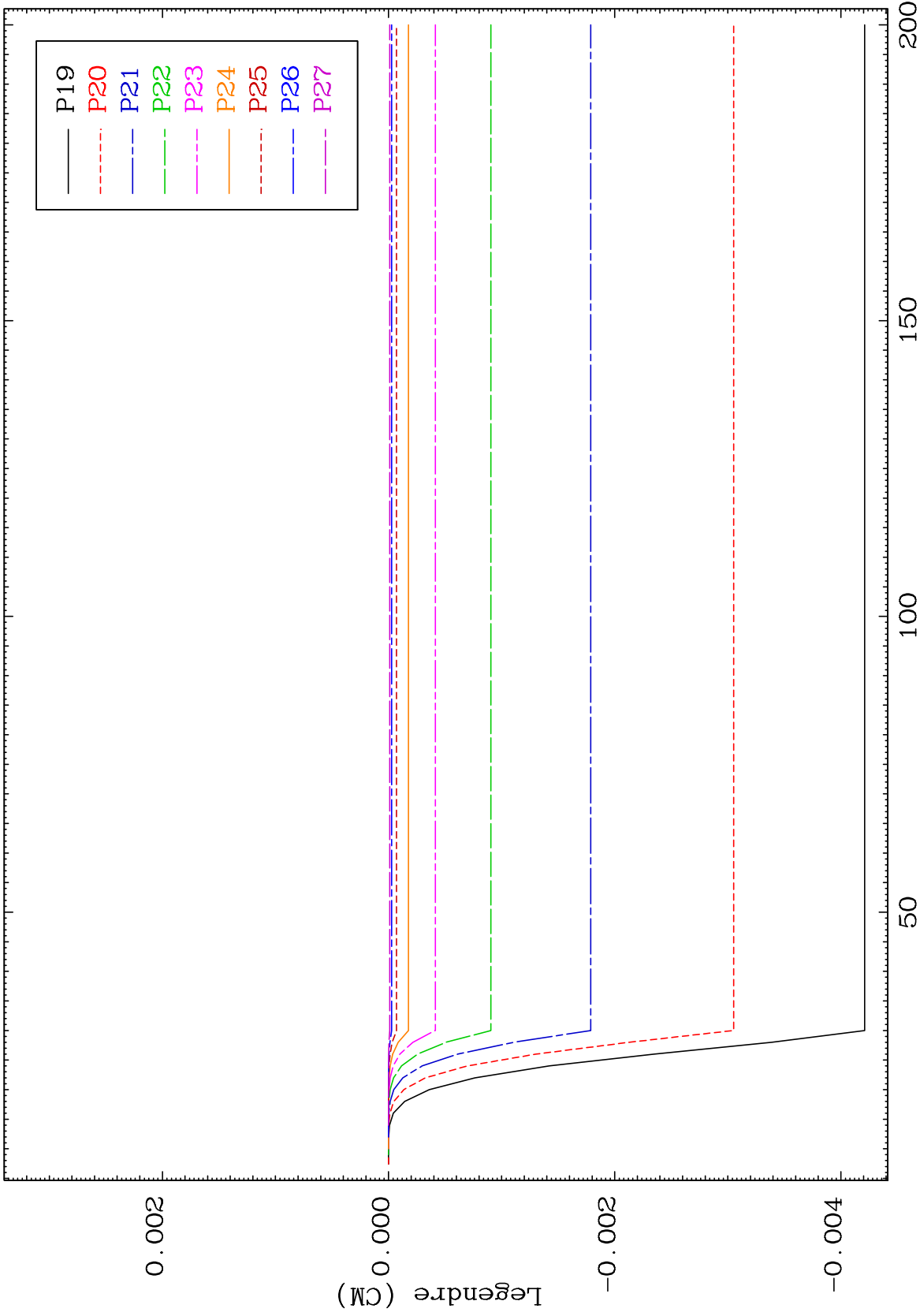
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



78

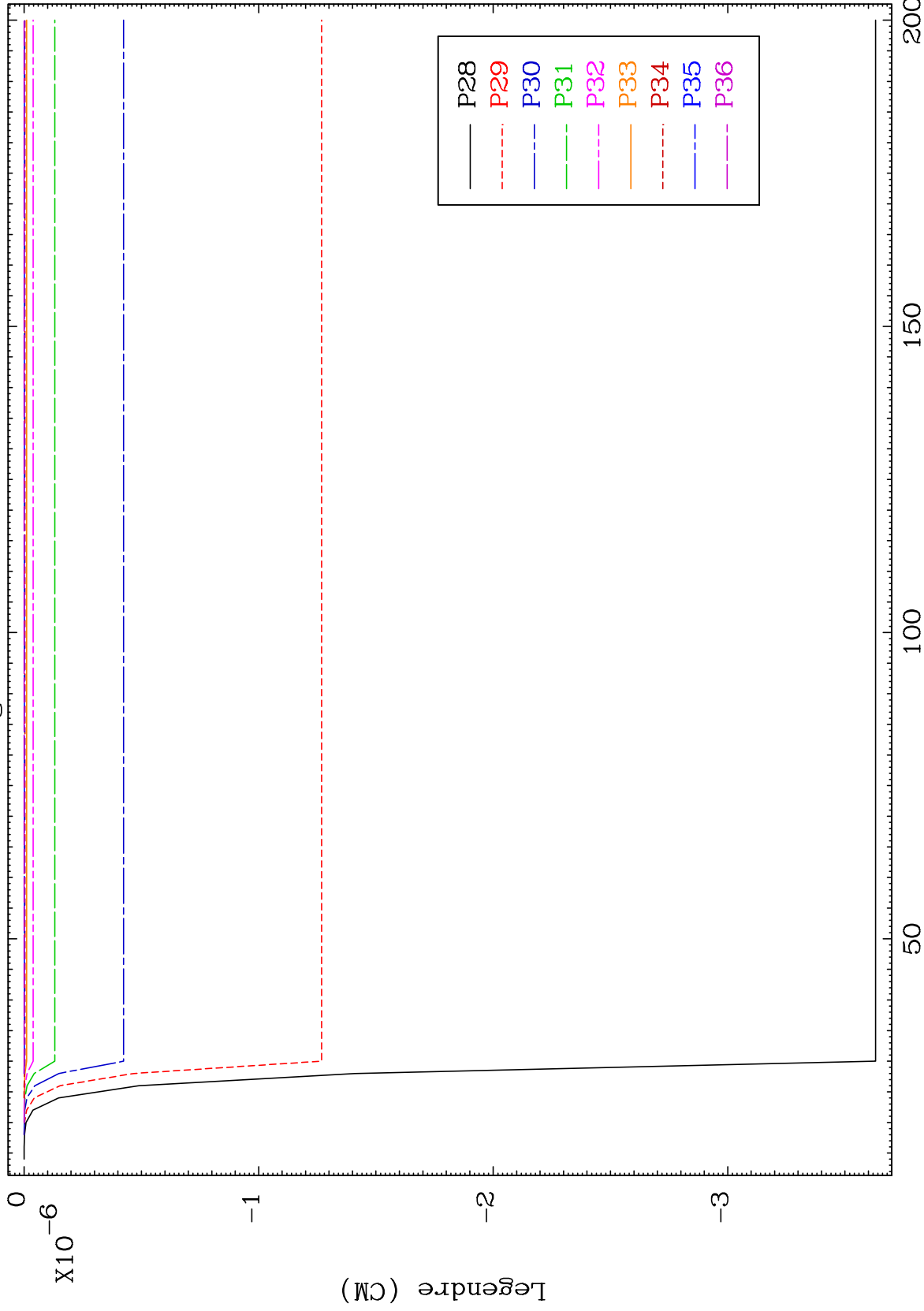
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



58-Ce-139

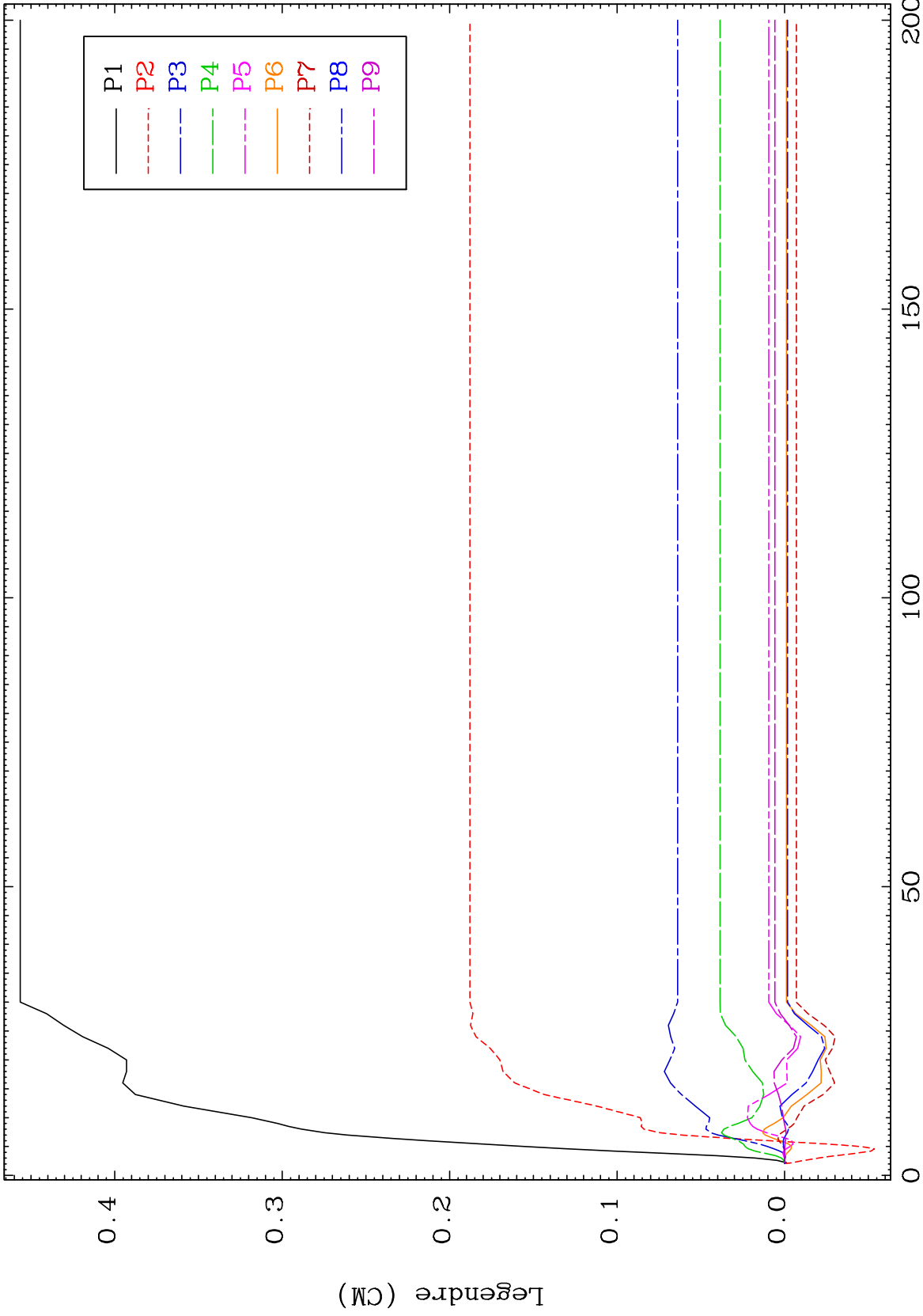
Incident Energy (MeV)

79

MAT 5834

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

58-Ce-139



80

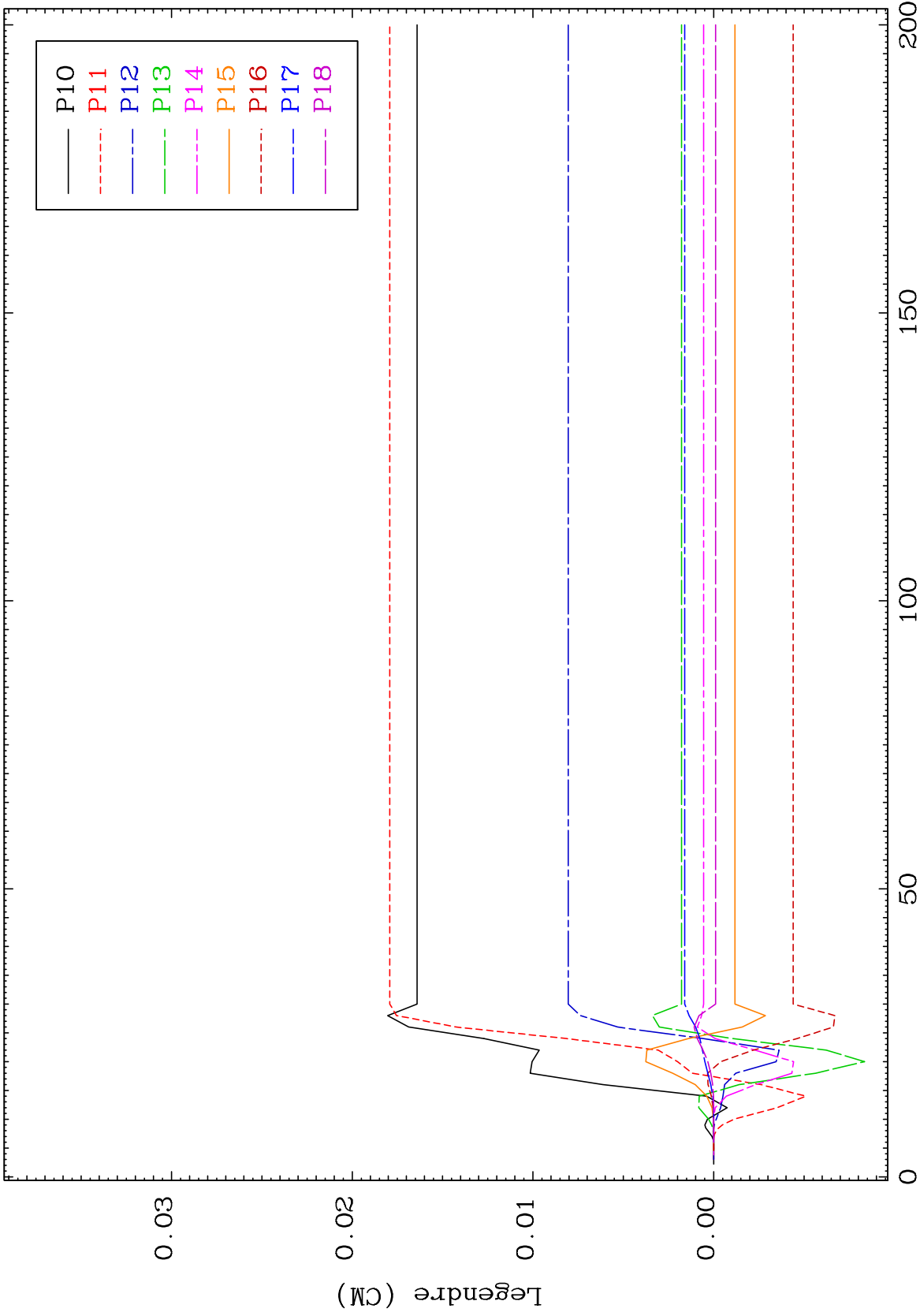
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



81

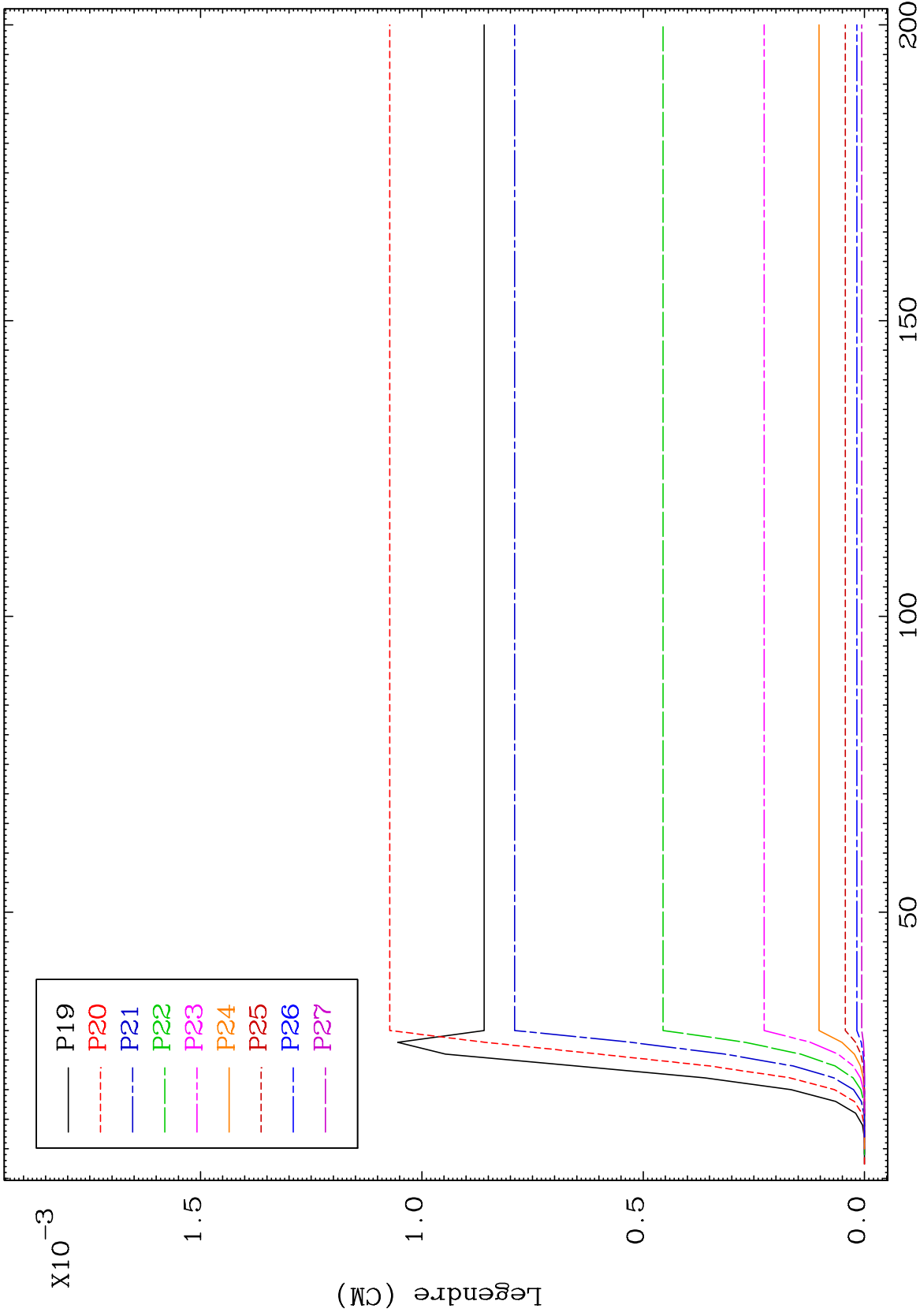
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

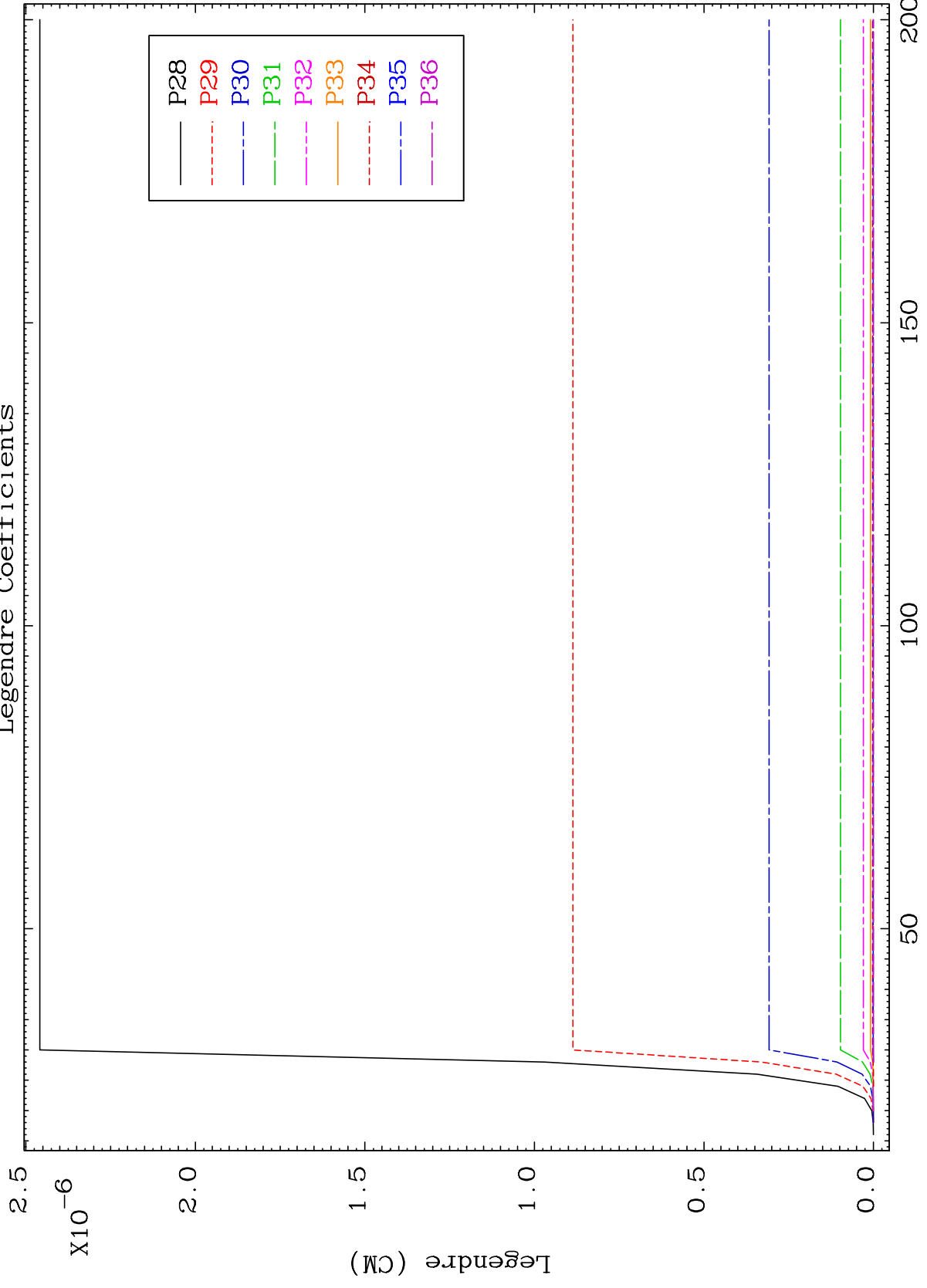


82

MAT 5834

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

58-Ce-139



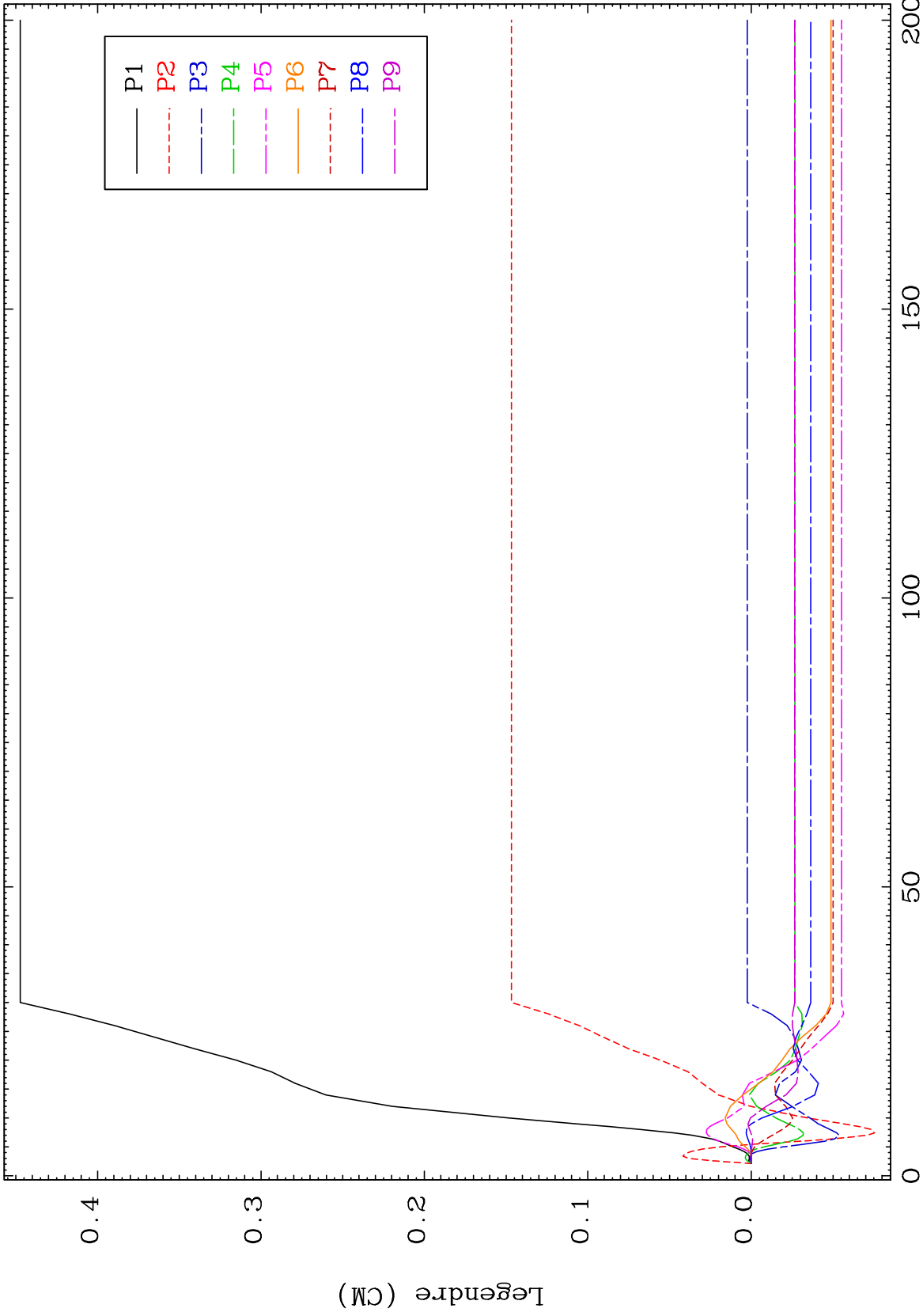
83

58-Ce-139

MAT 5834

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

58-Ce-139



84

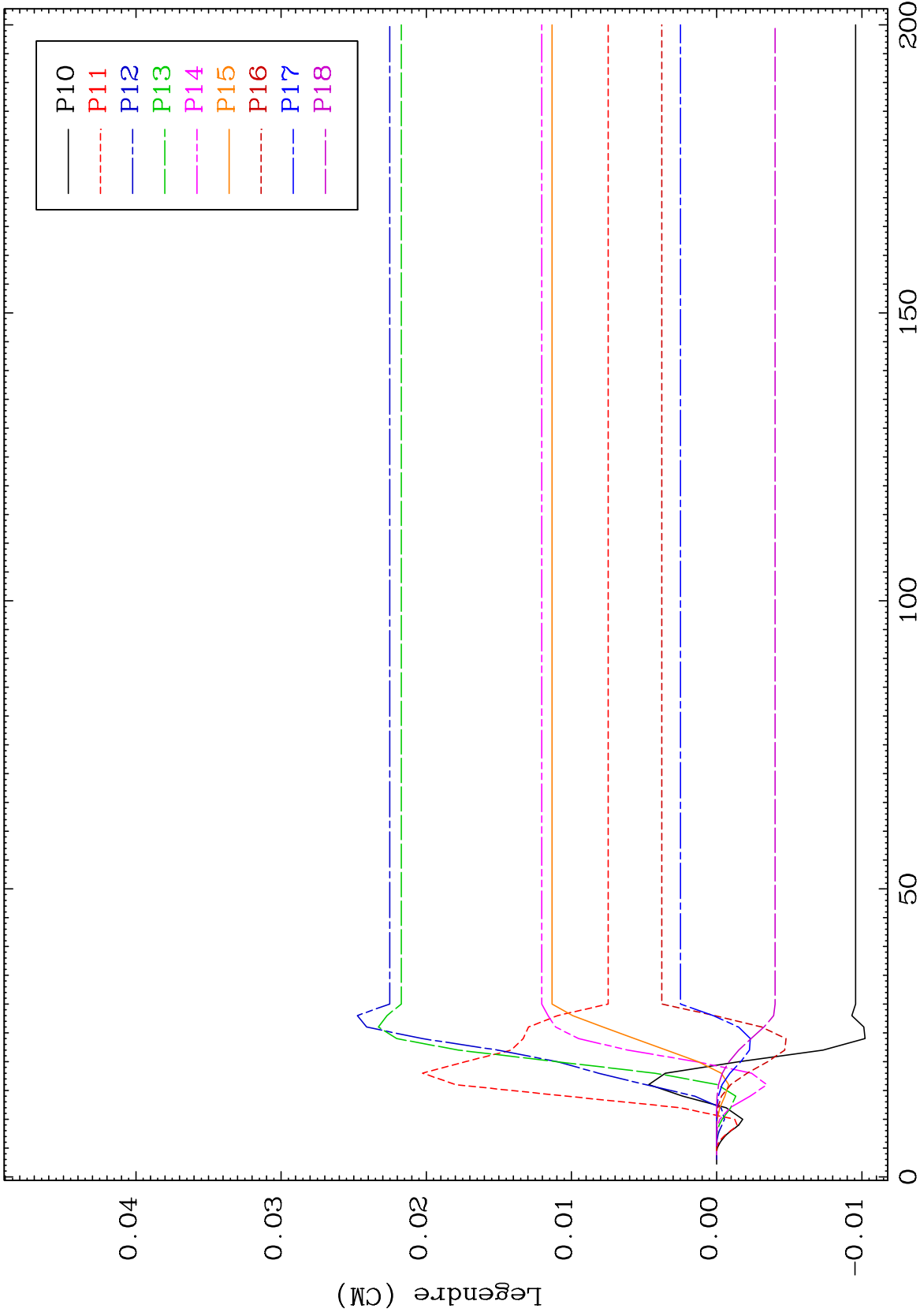
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



85

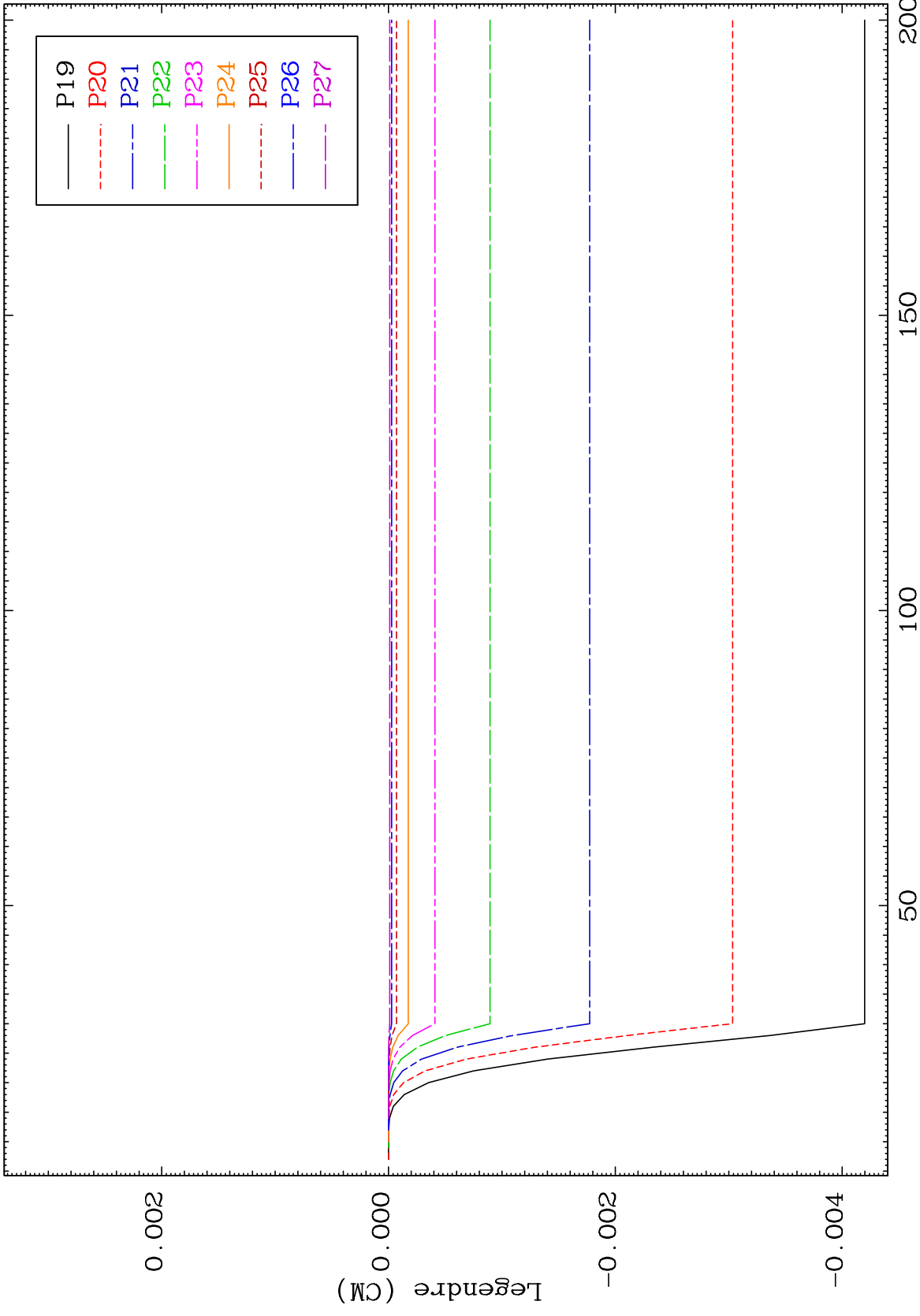
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



86

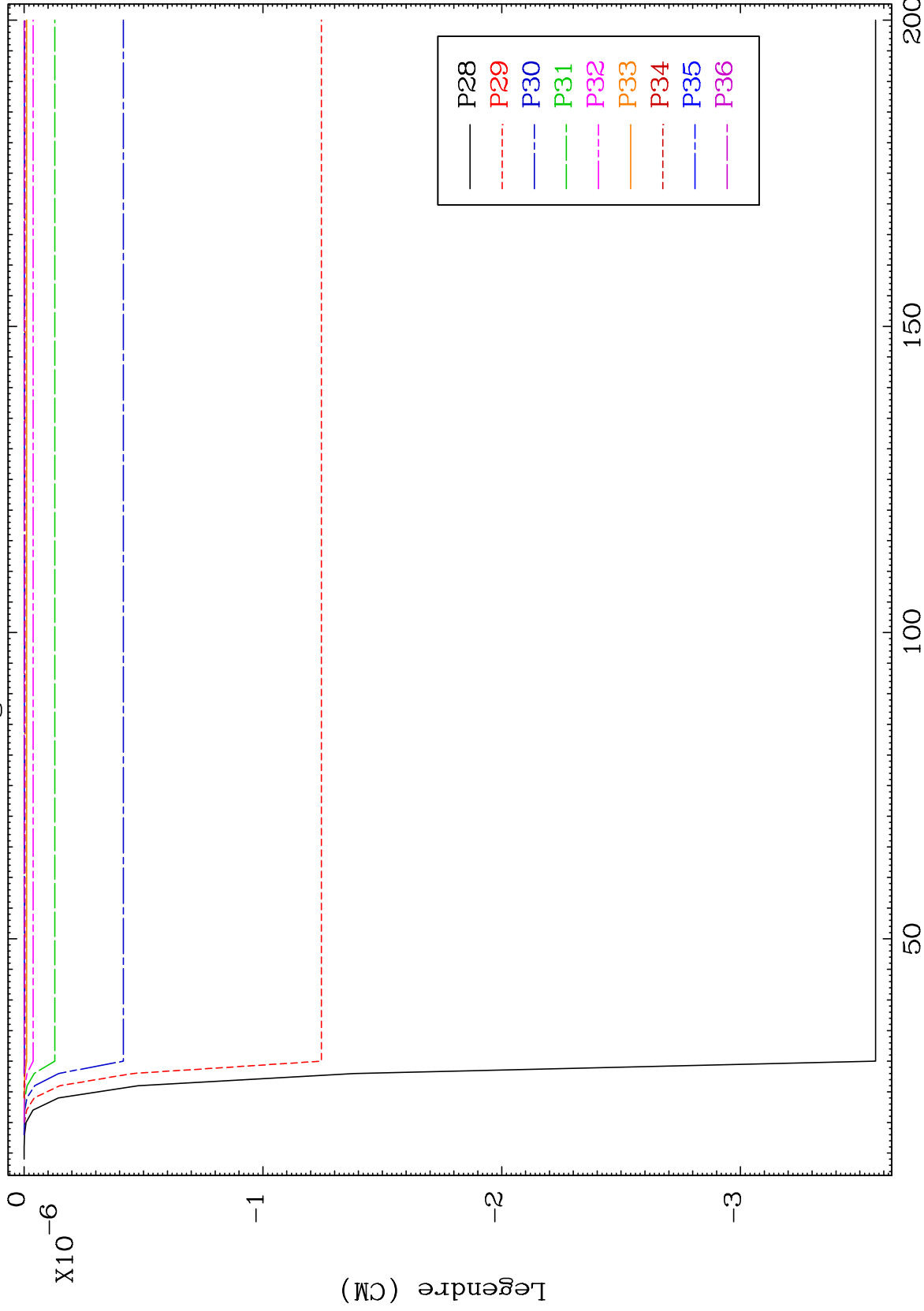
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

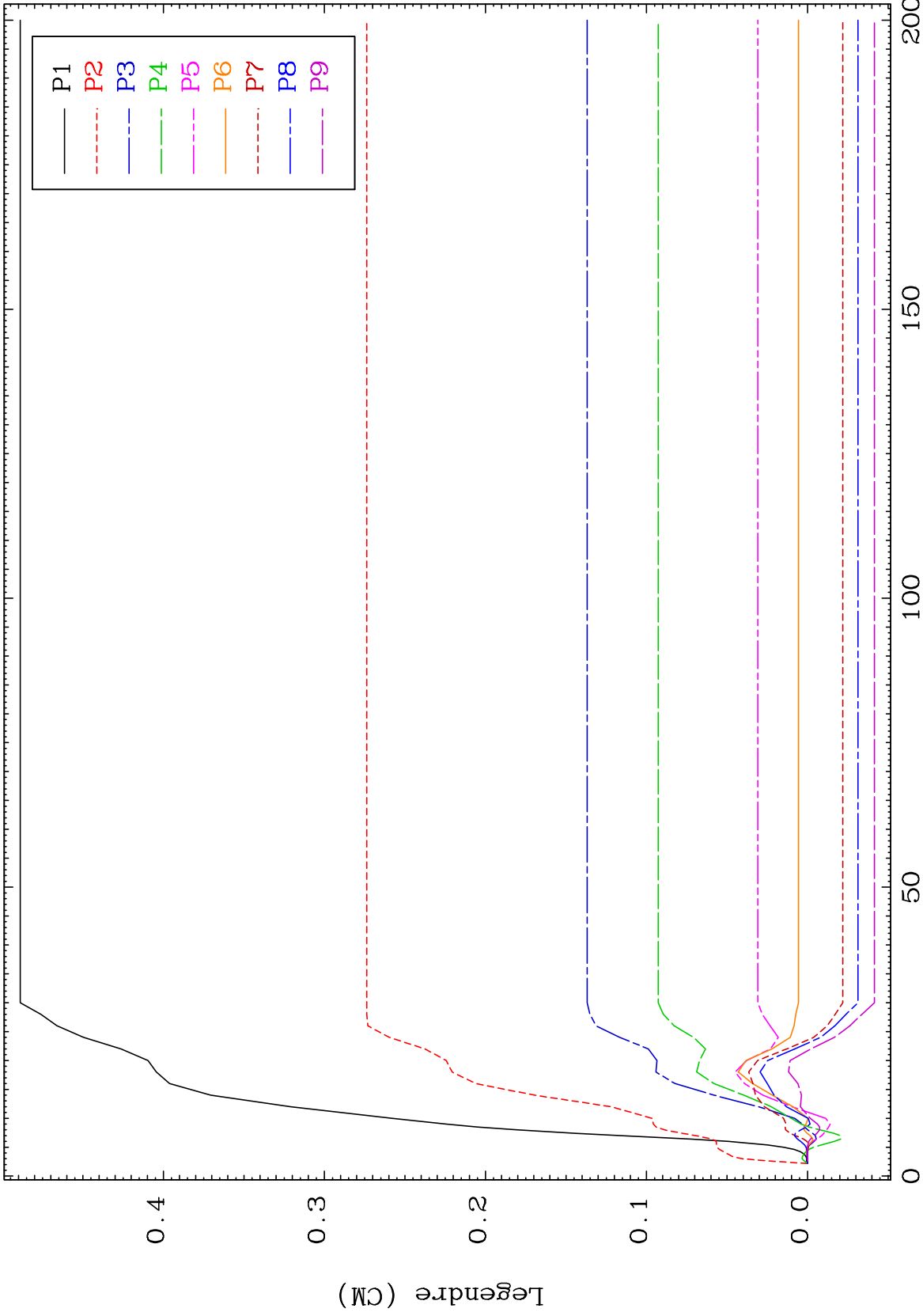
58-Ce-139



MAT 5834

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

58-Ce-139



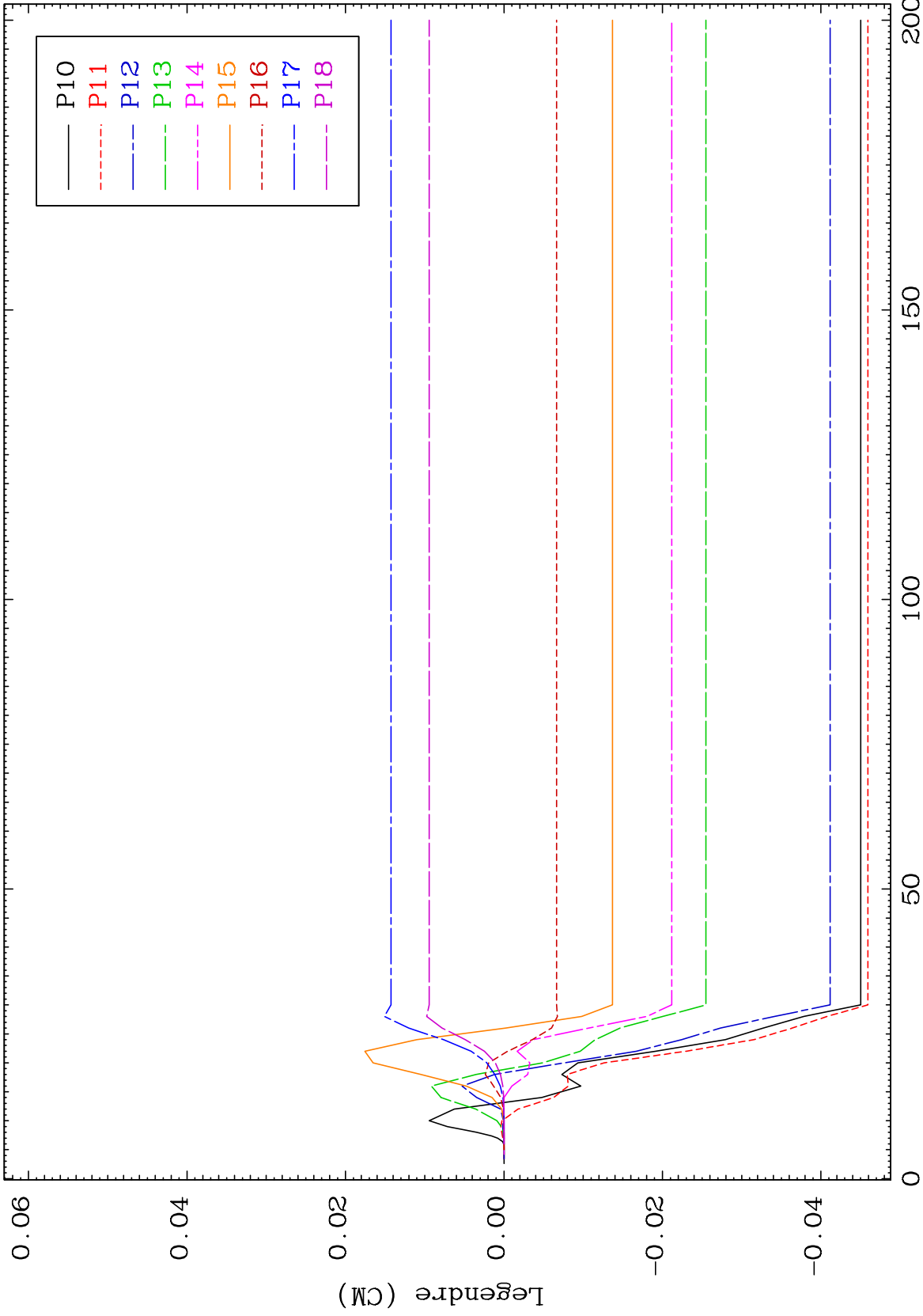
88

58-Ce-139

MAT 5834

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

58-Ce-139



89

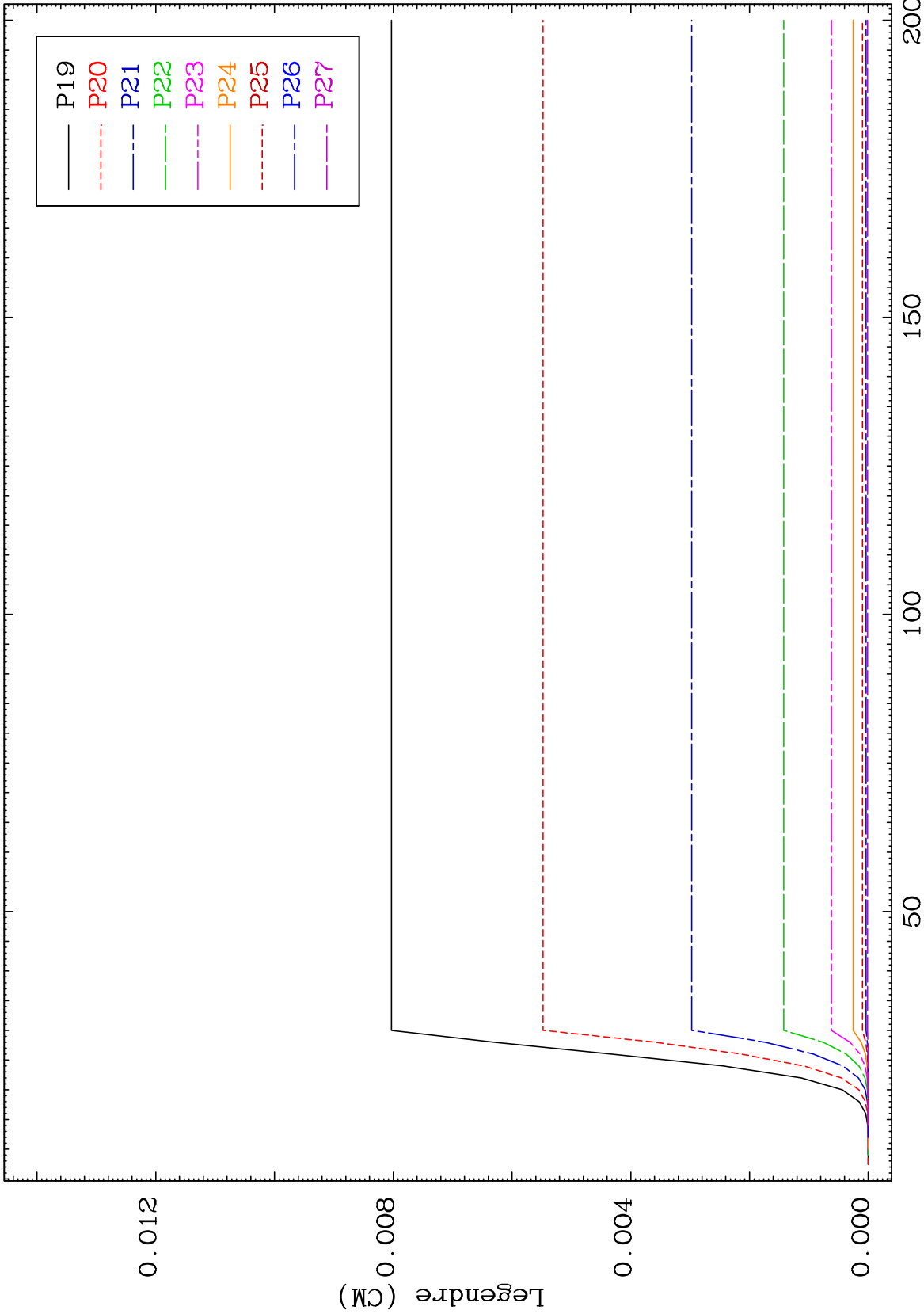
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



90

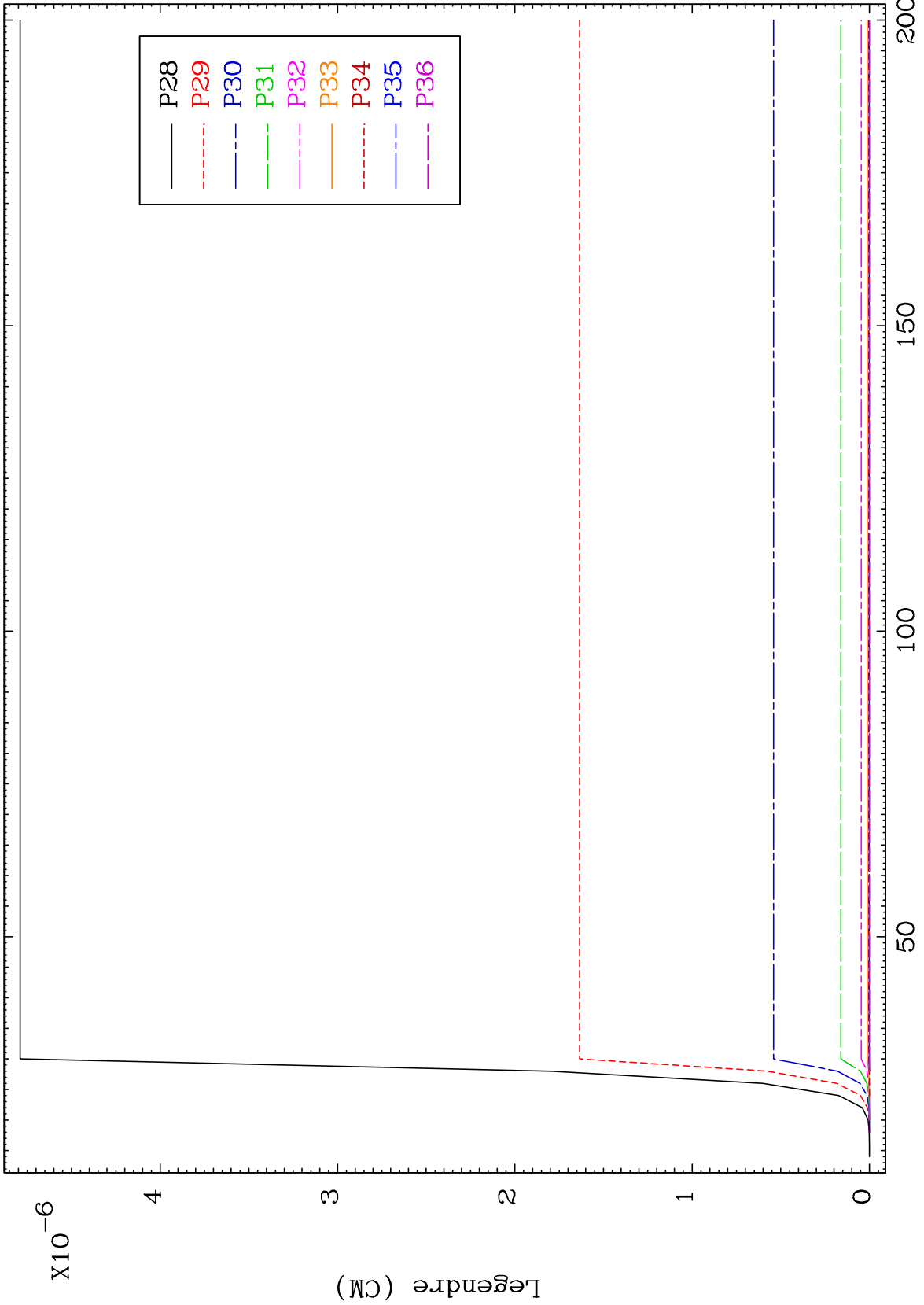
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



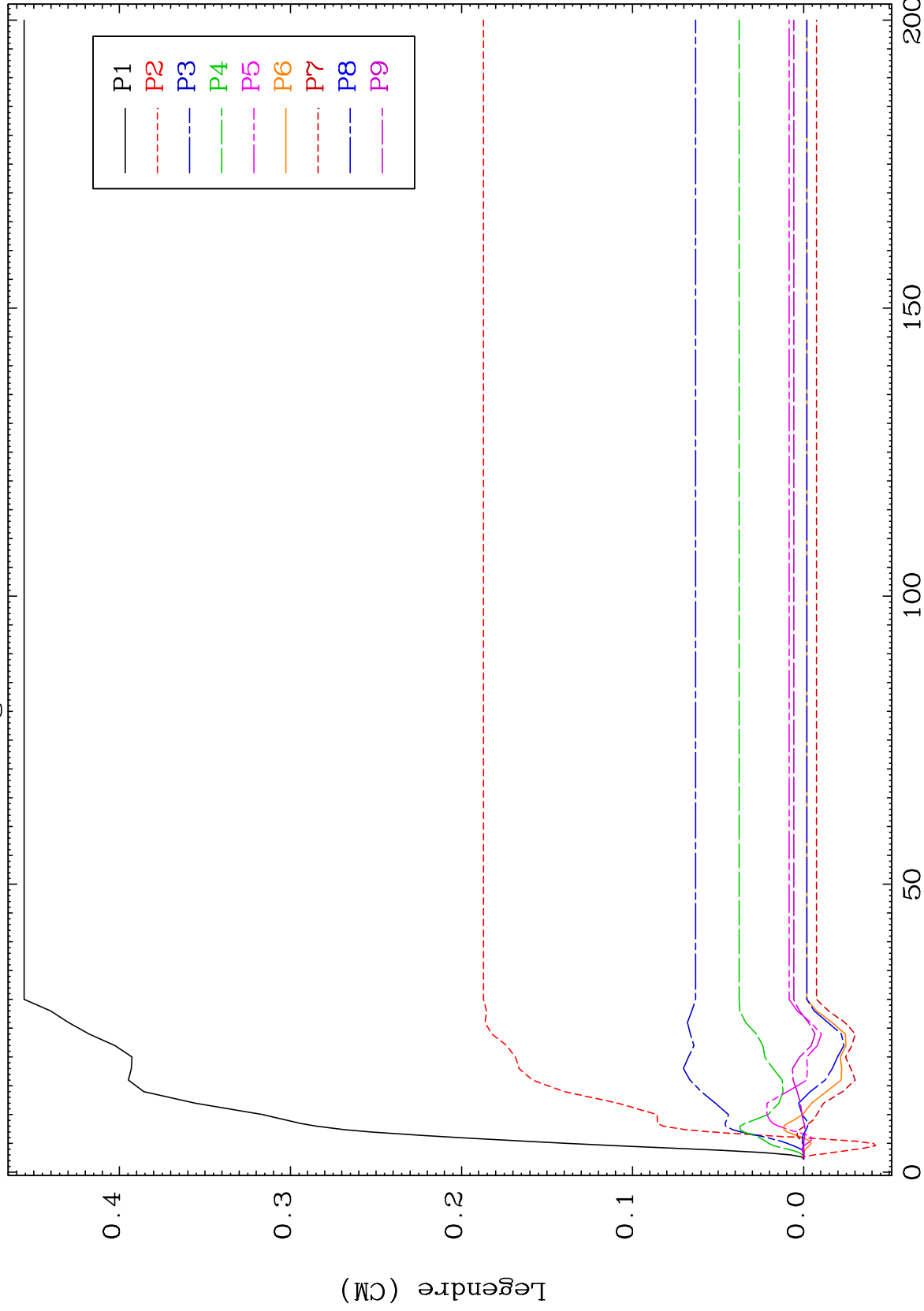
91

58-Ce-139

MAT 5834

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

58-Ce-139



92

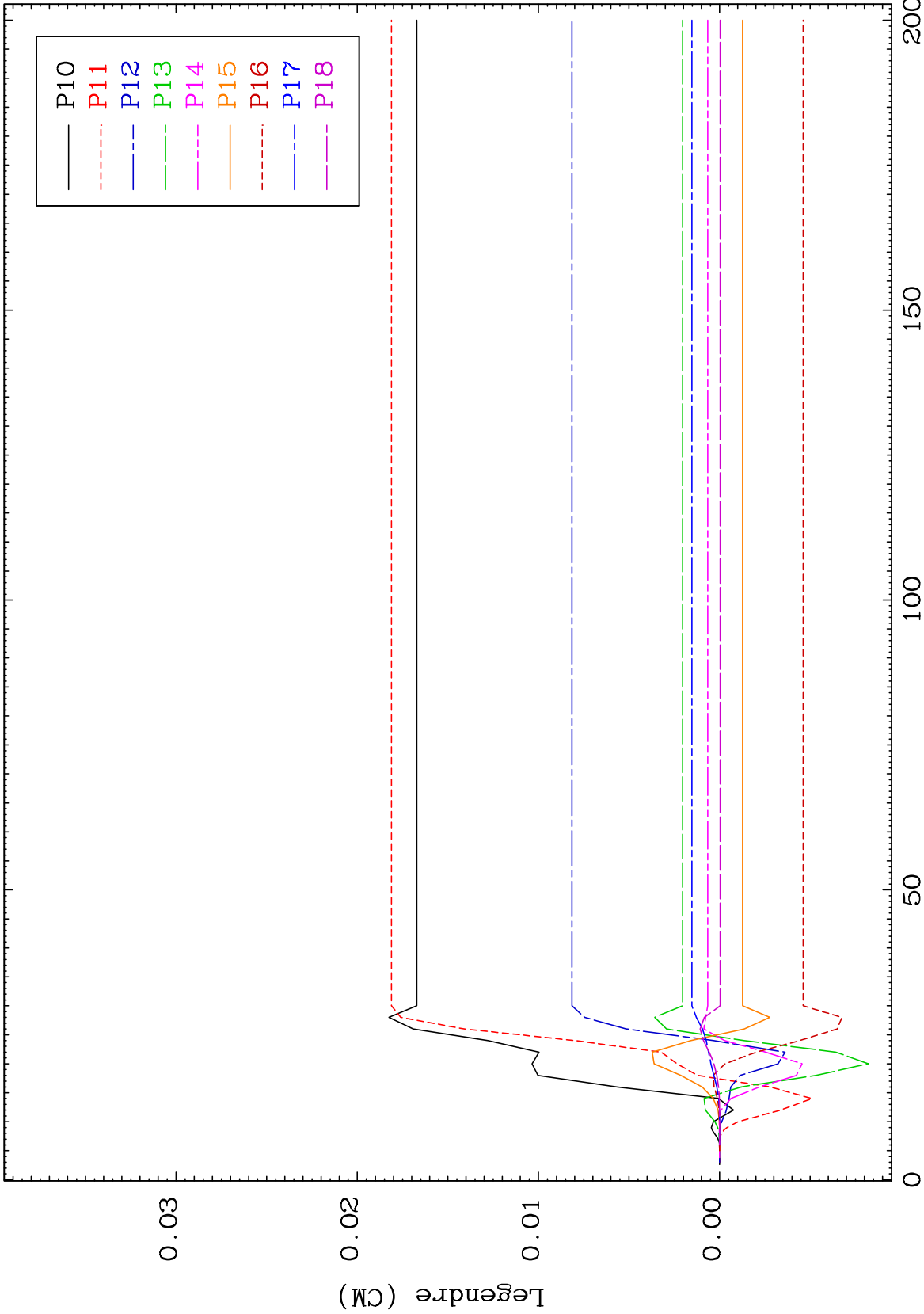
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



93

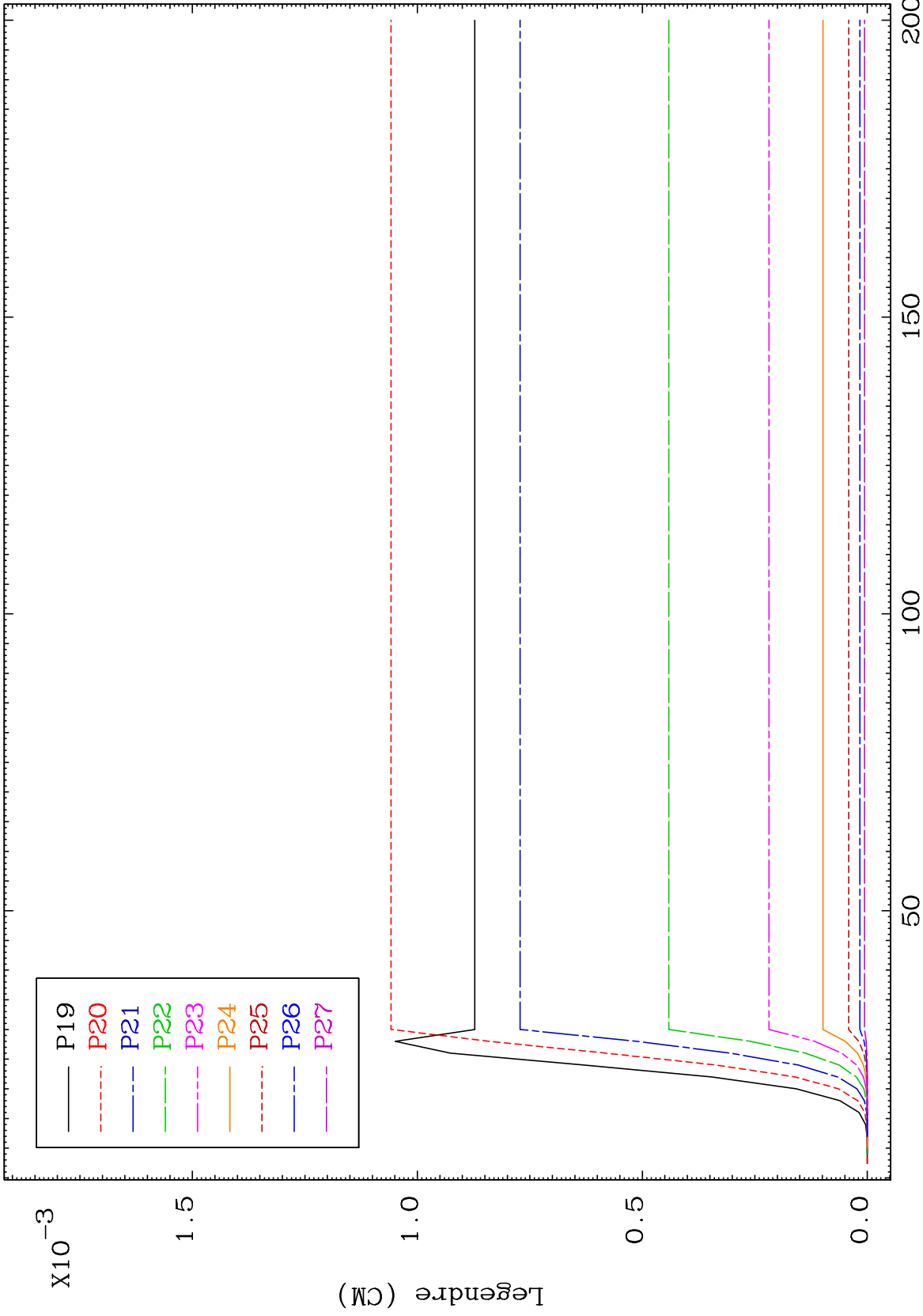
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



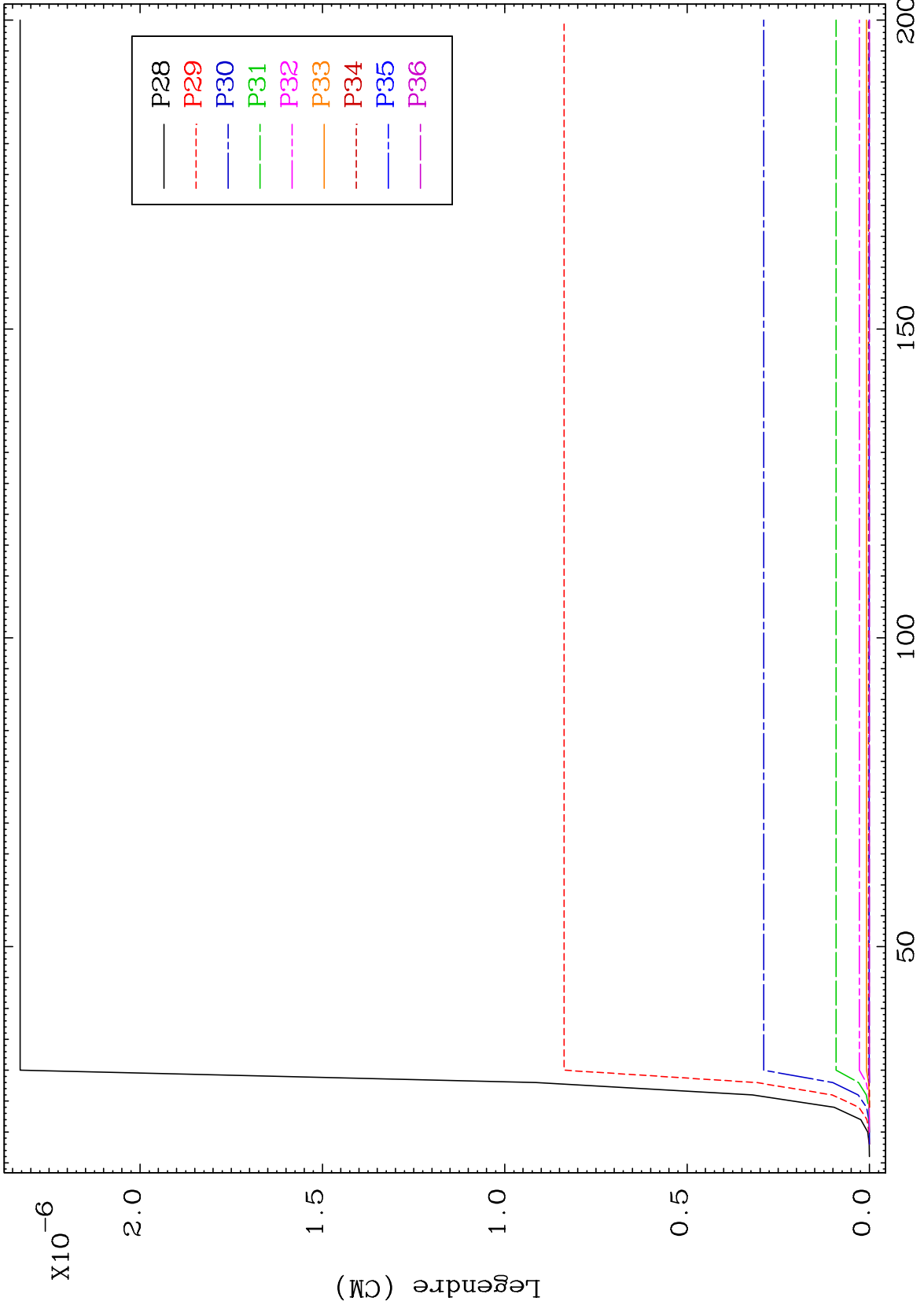
94

58-Ce-139

MAT 5834

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

58-Ce-139



95

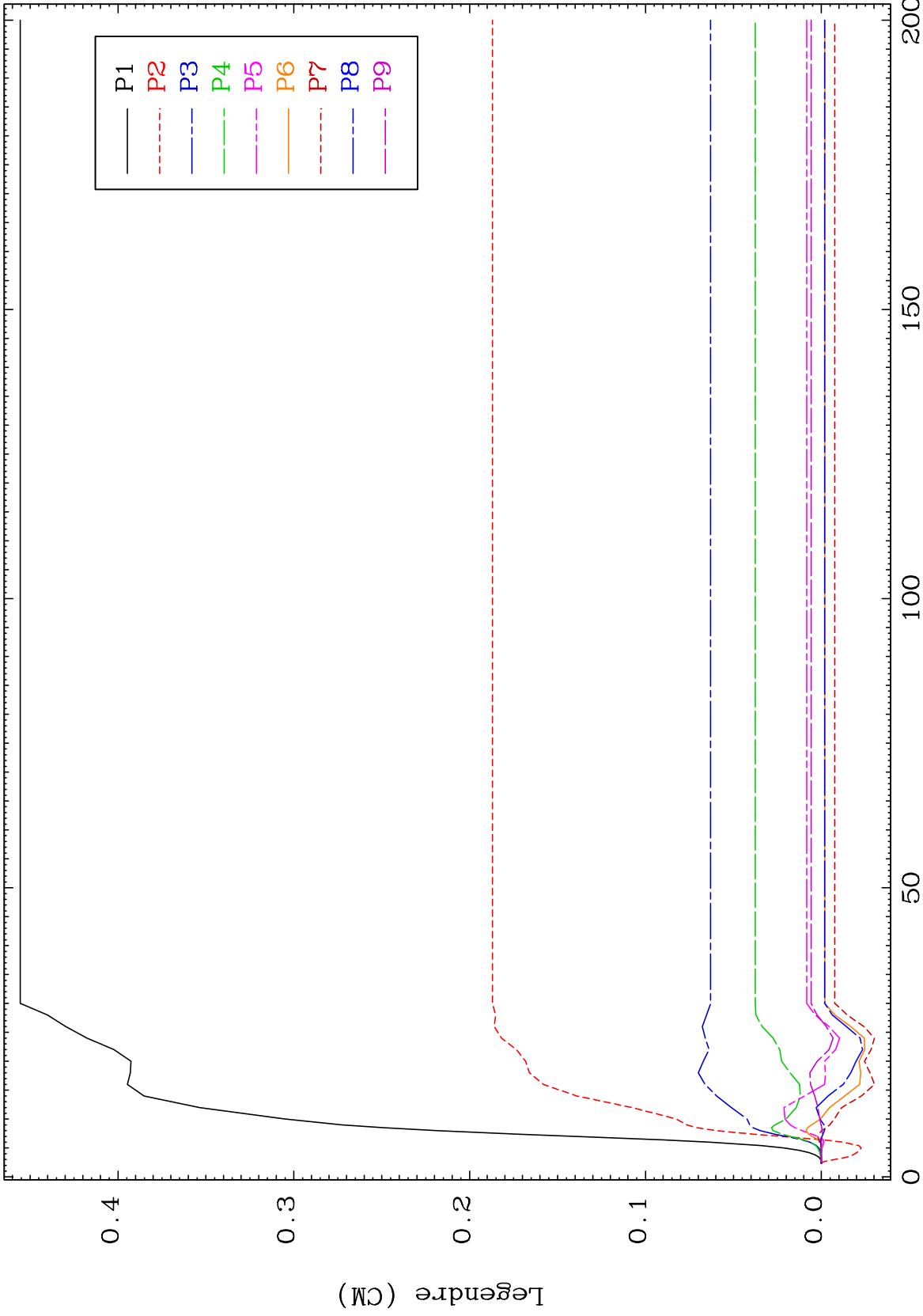
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



96

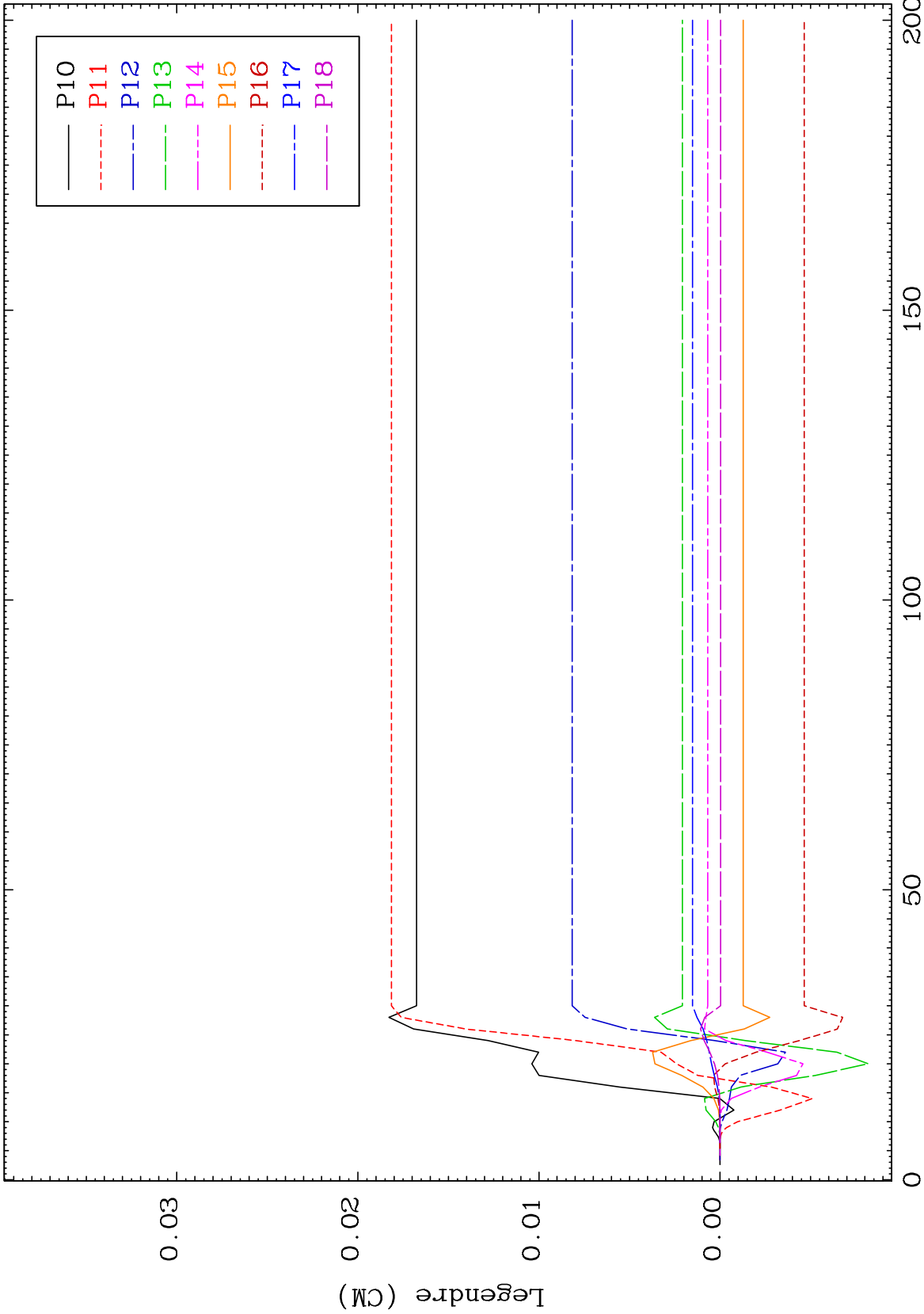
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



97

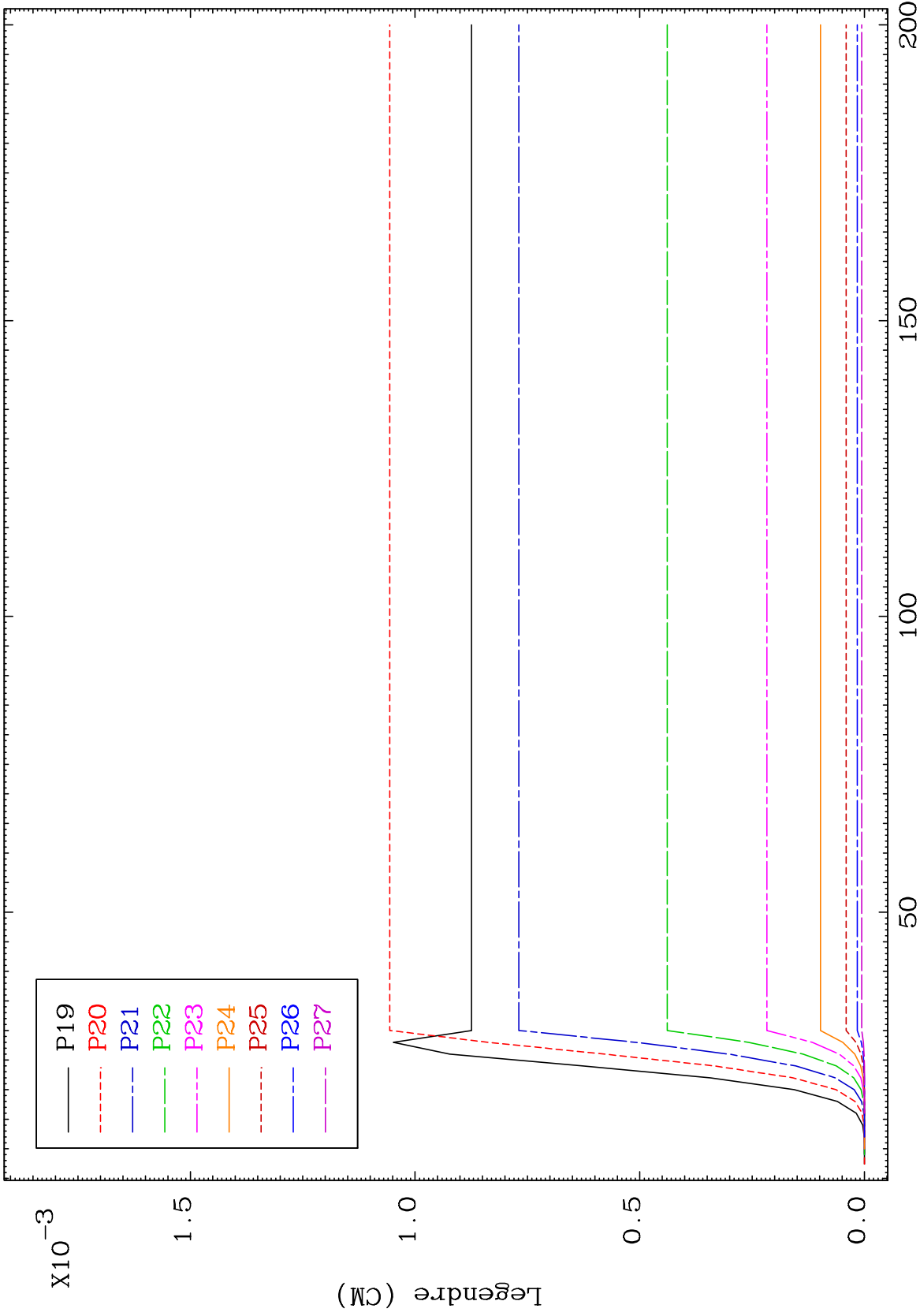
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



98

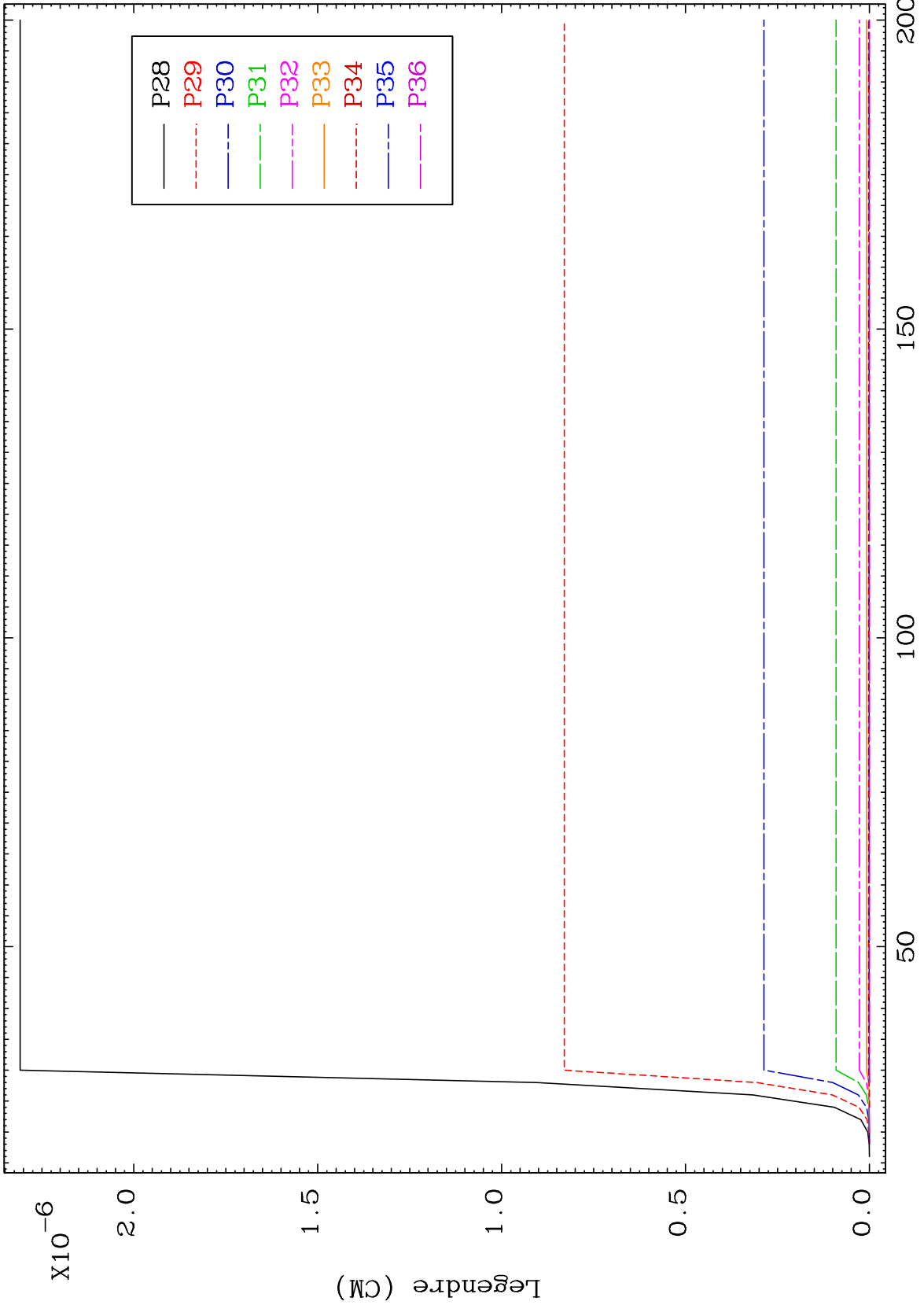
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



99

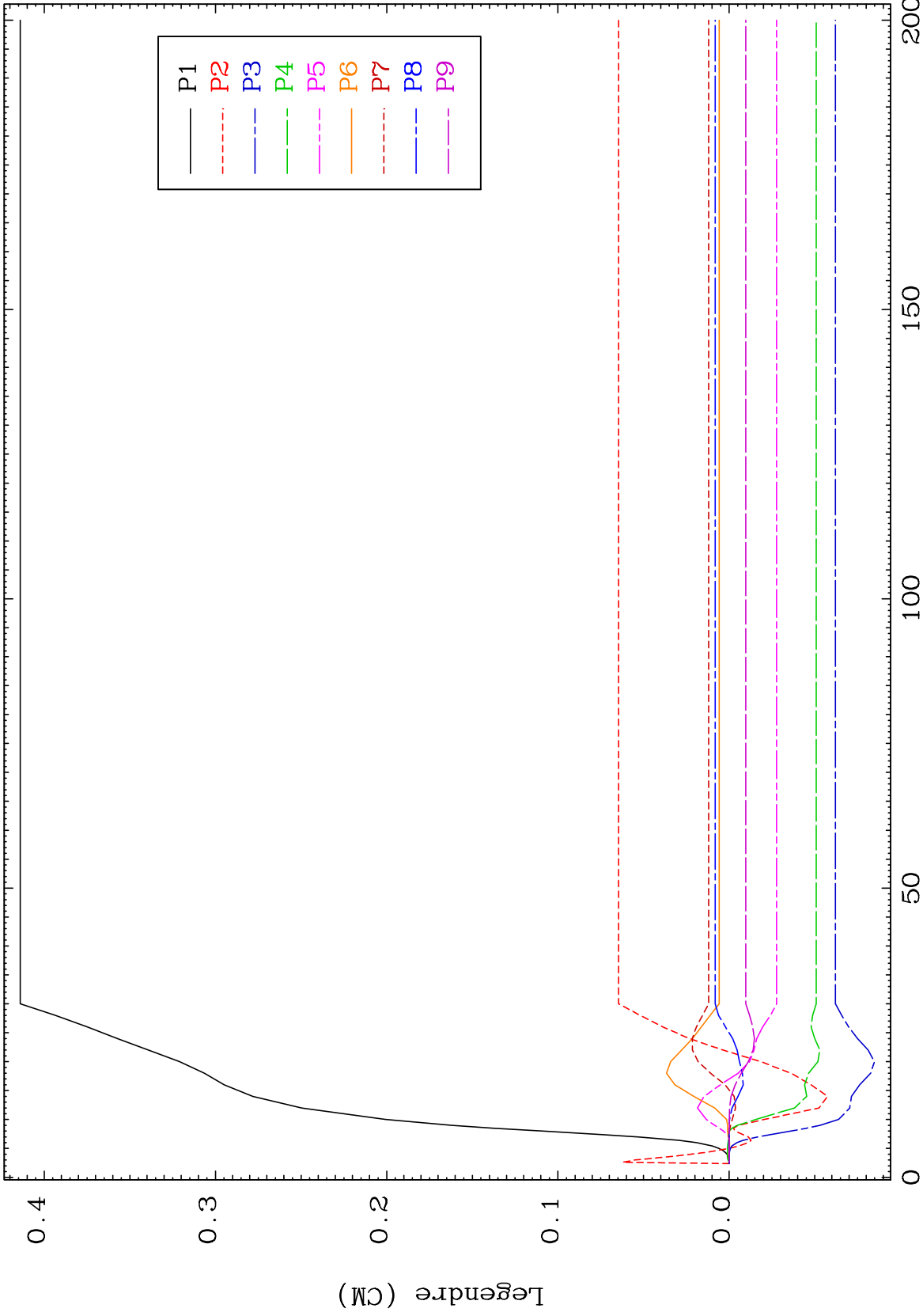
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

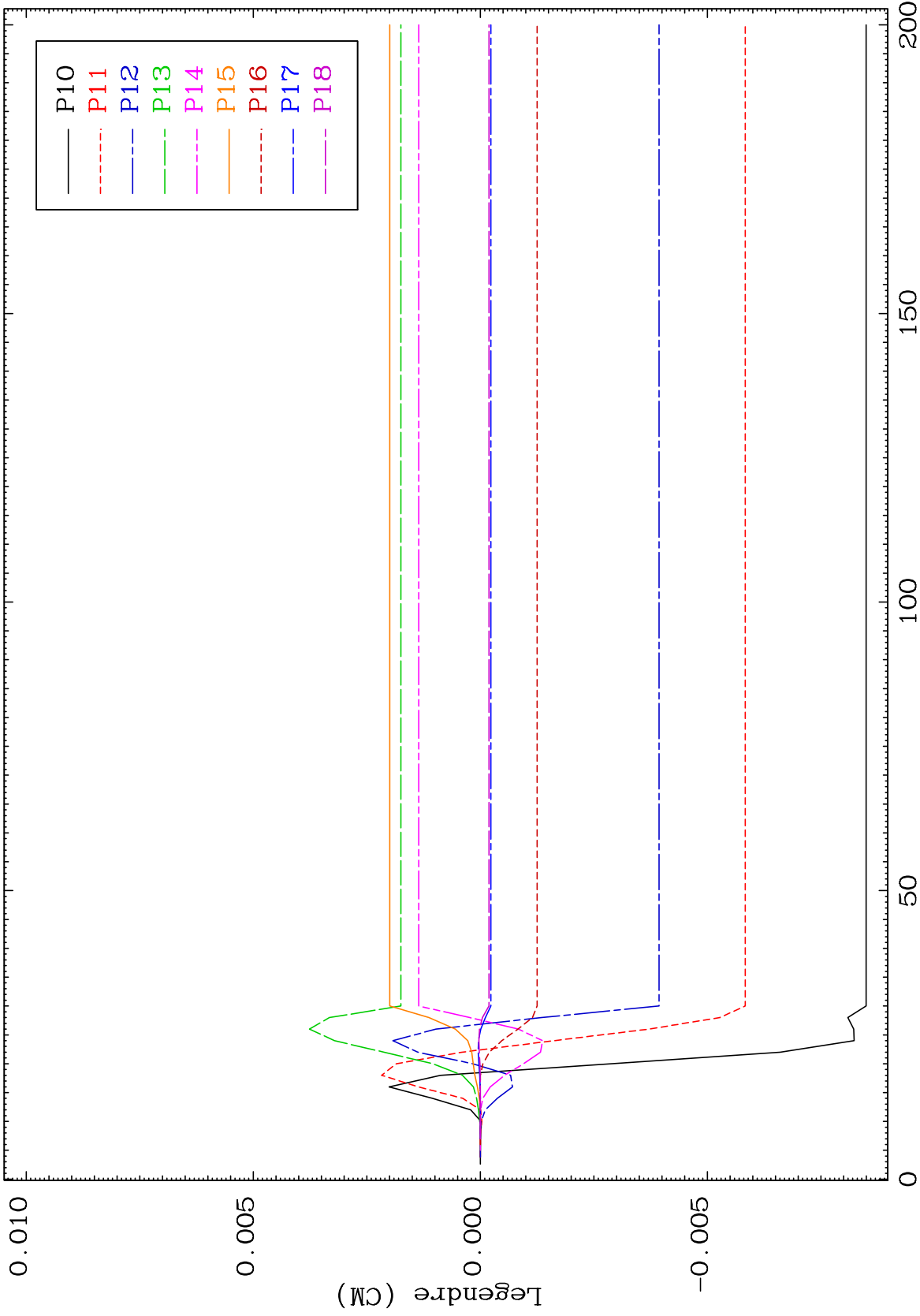


58-Ce-139

MAT 5834

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

58-Ce-139



101

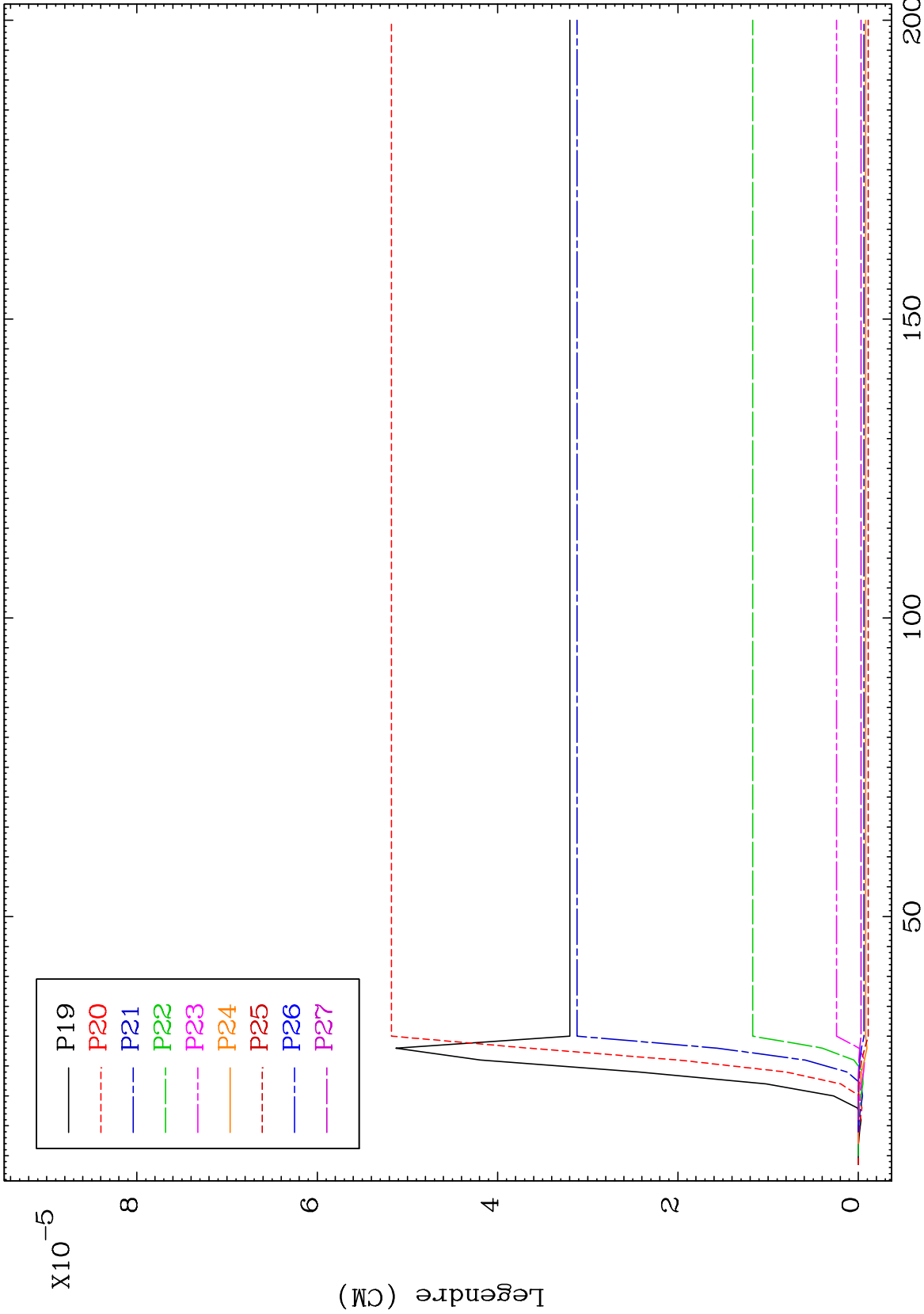
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



102

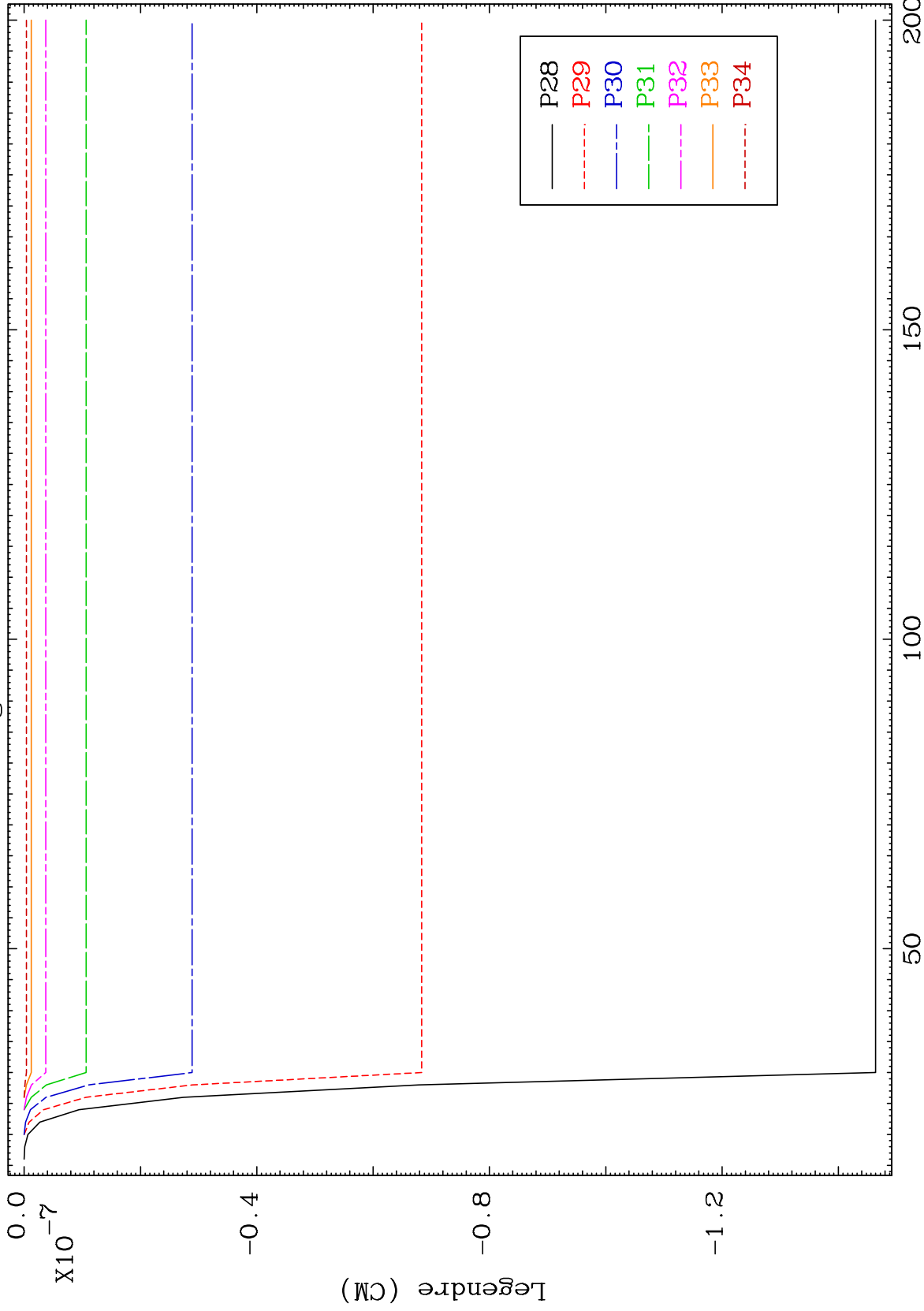
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



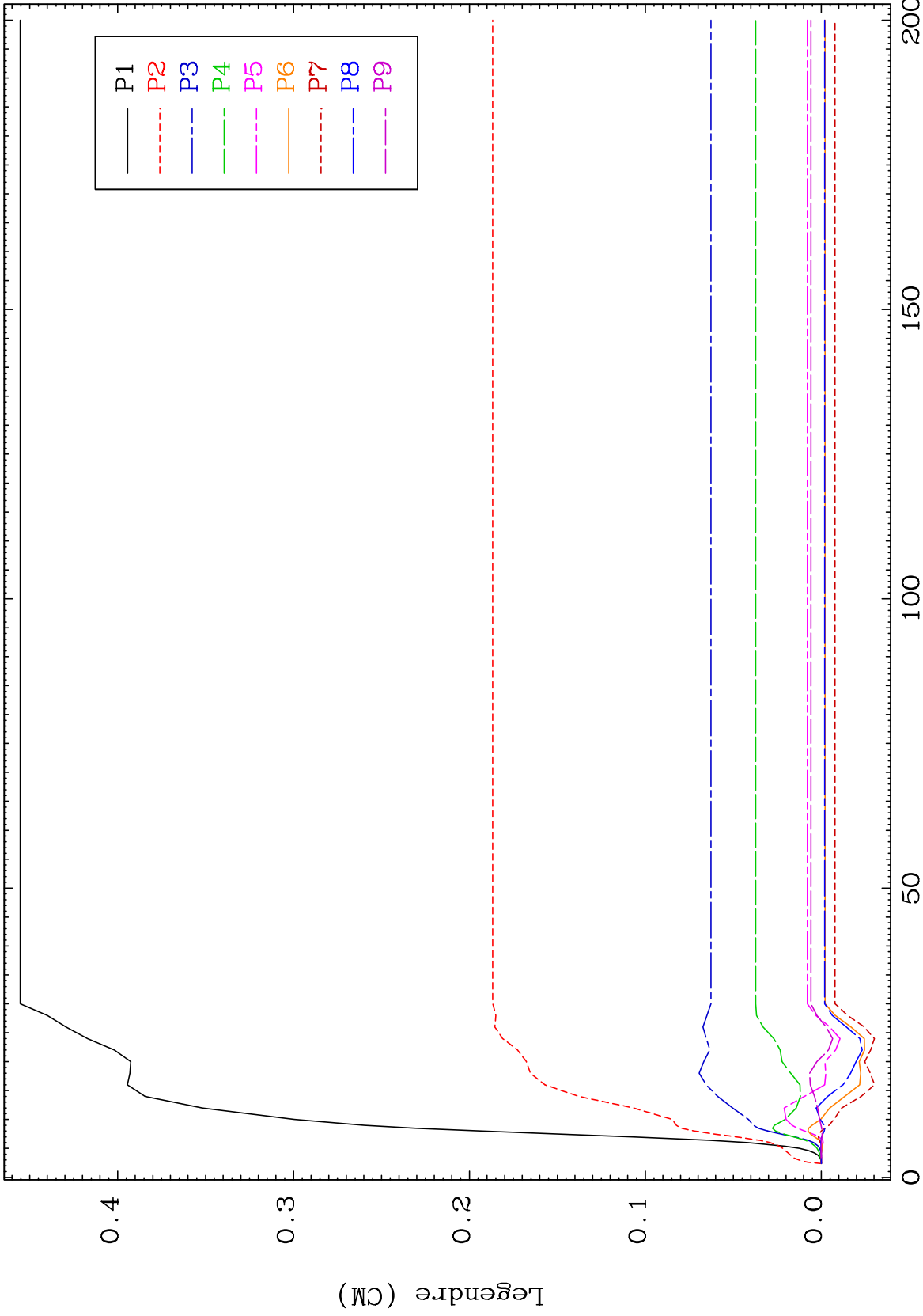
58-Ce-139

103

MAT 5834

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

58-Ce-139



104

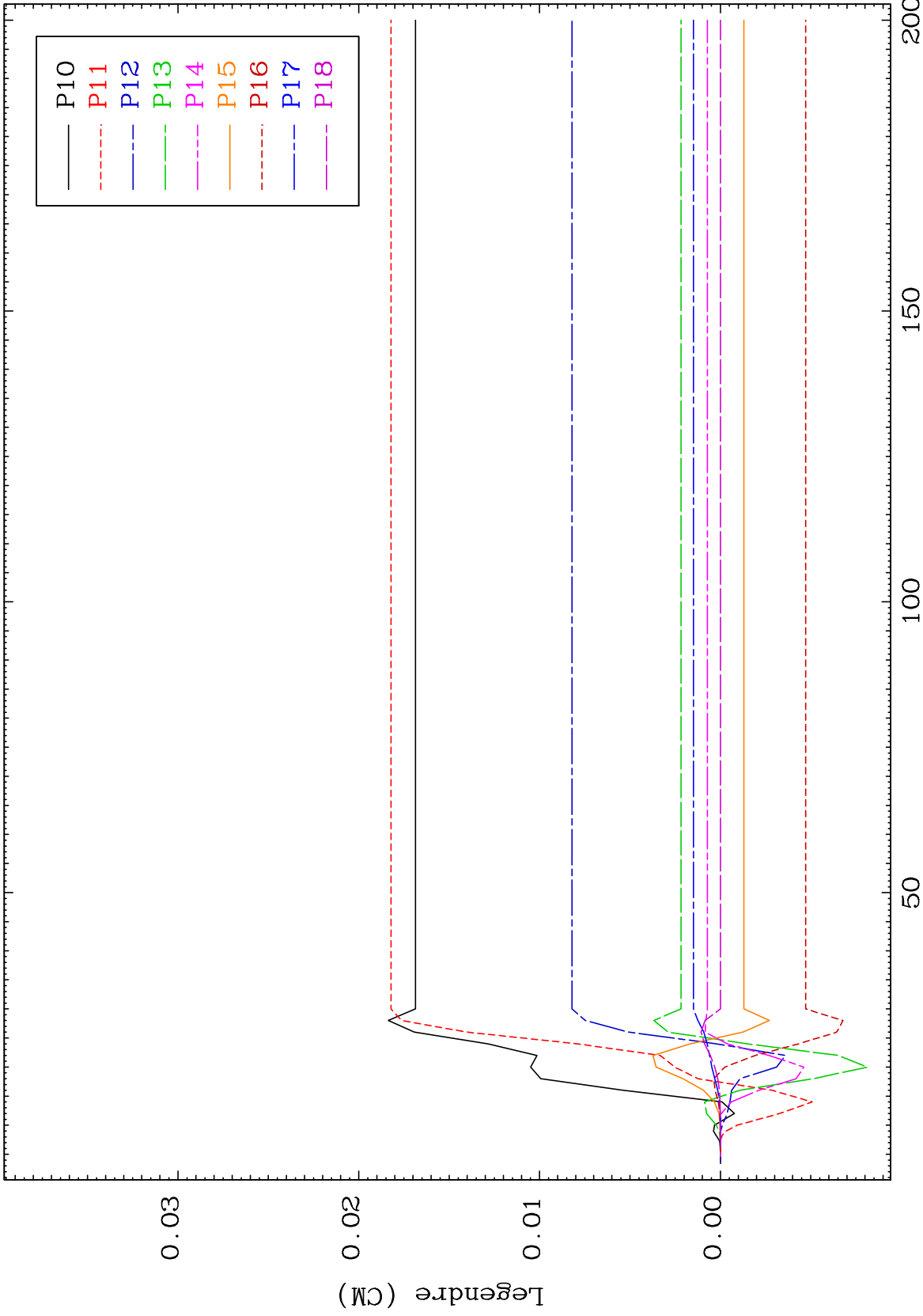
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



58-Ce-139

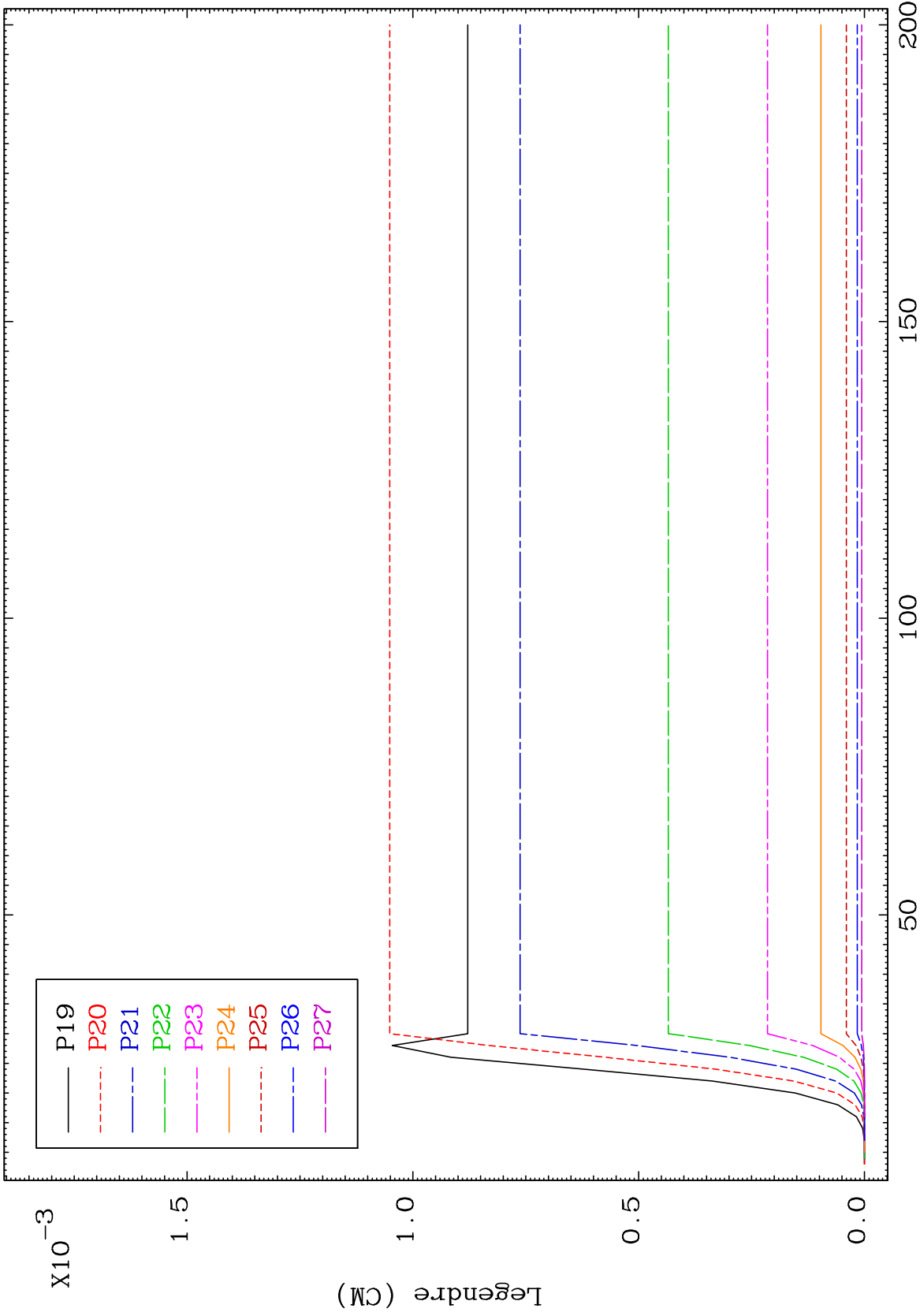
Incident Energy (MeV)

105

MAT 5834

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

58-Ce-139



106

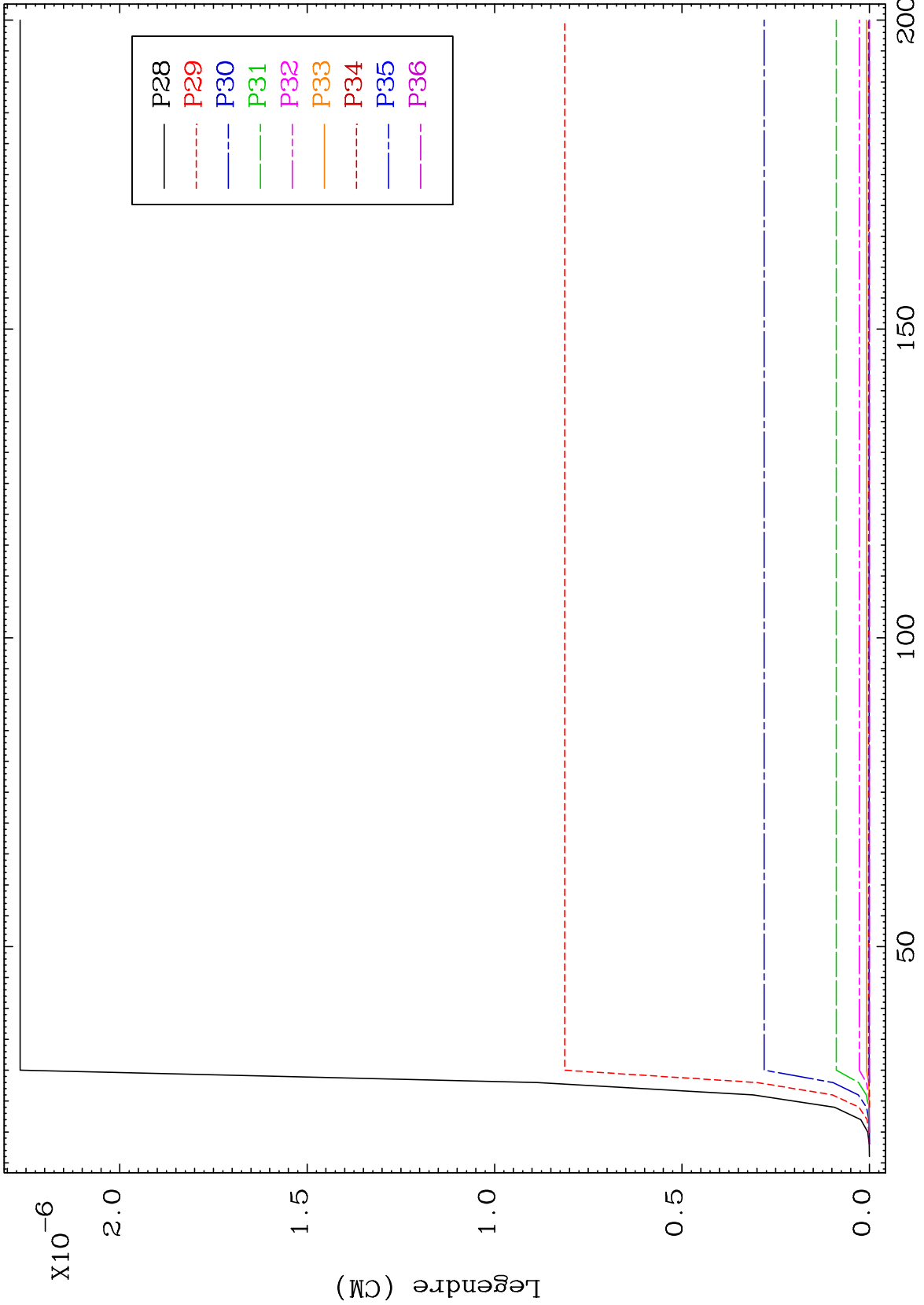
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



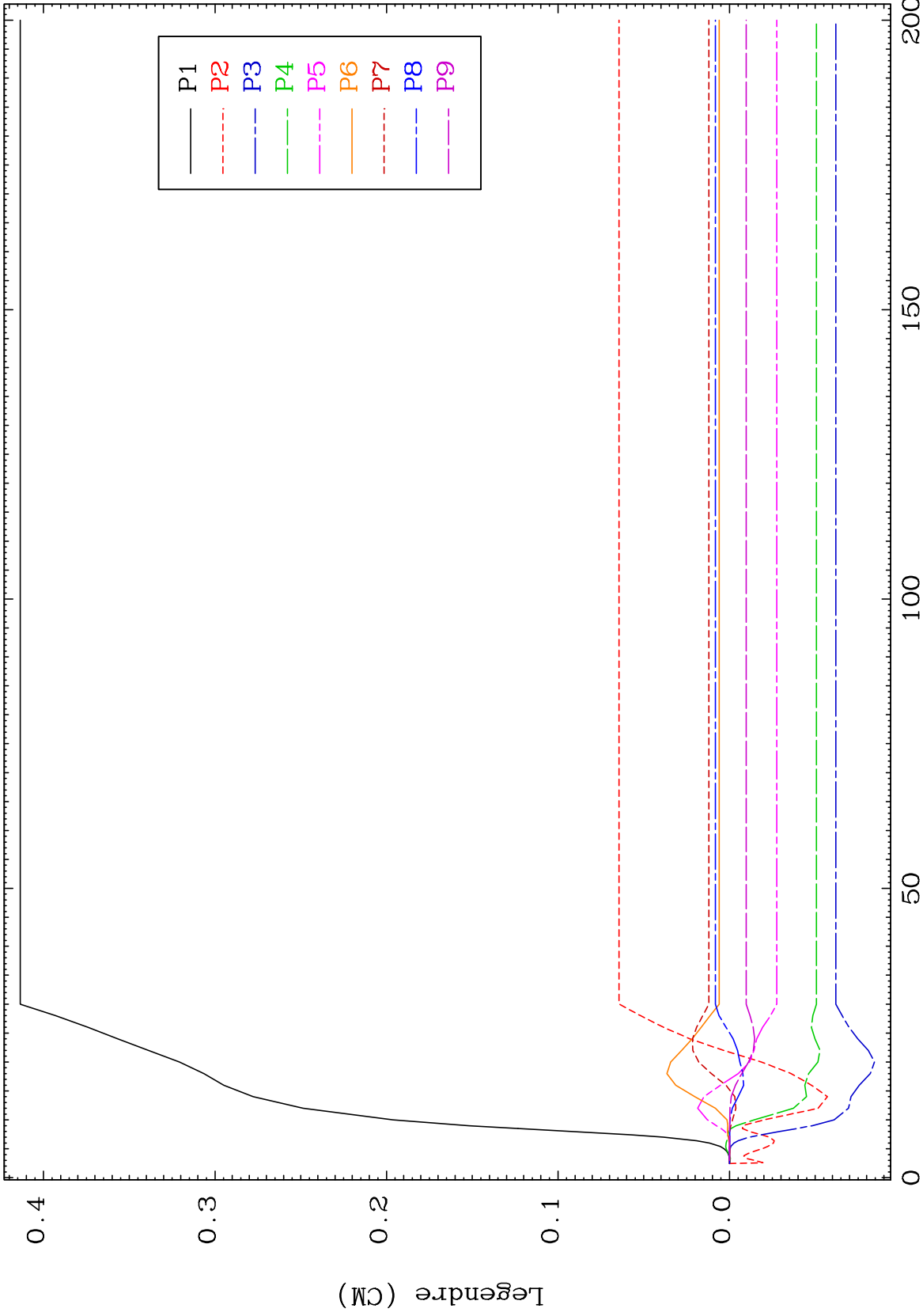
107

58-Ce-139

MAT 5834

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

58-Ce-139



108

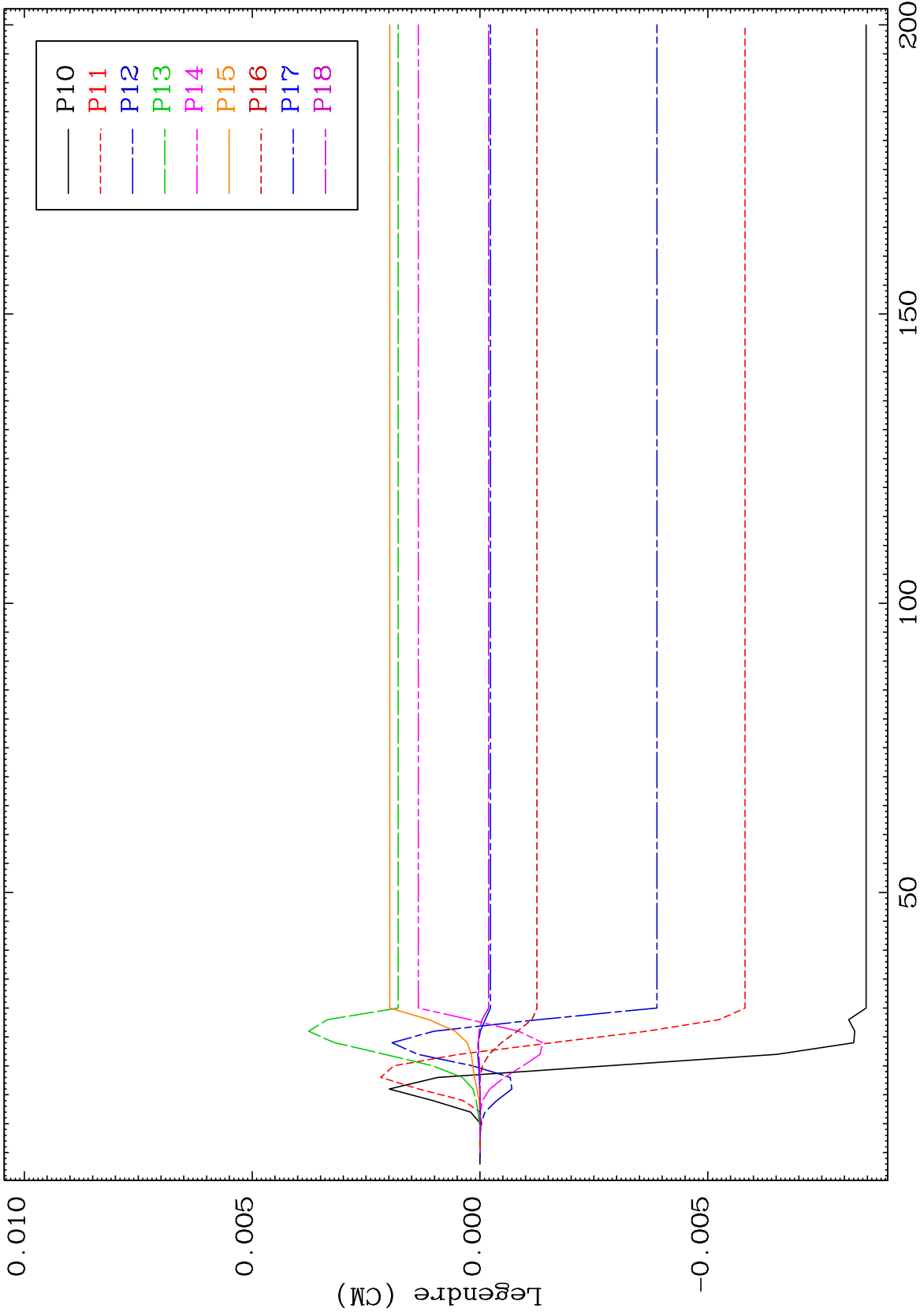
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



109

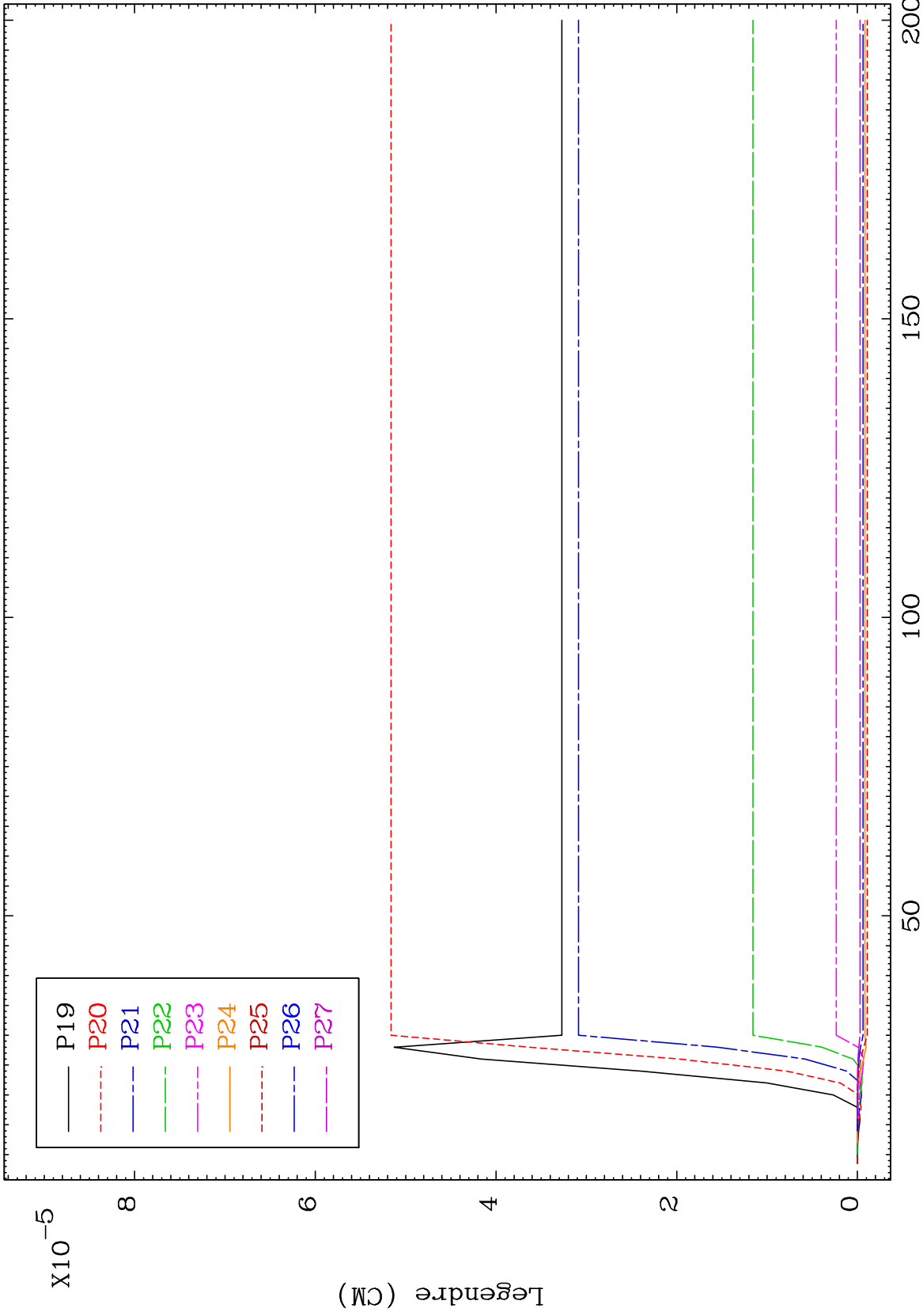
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



110

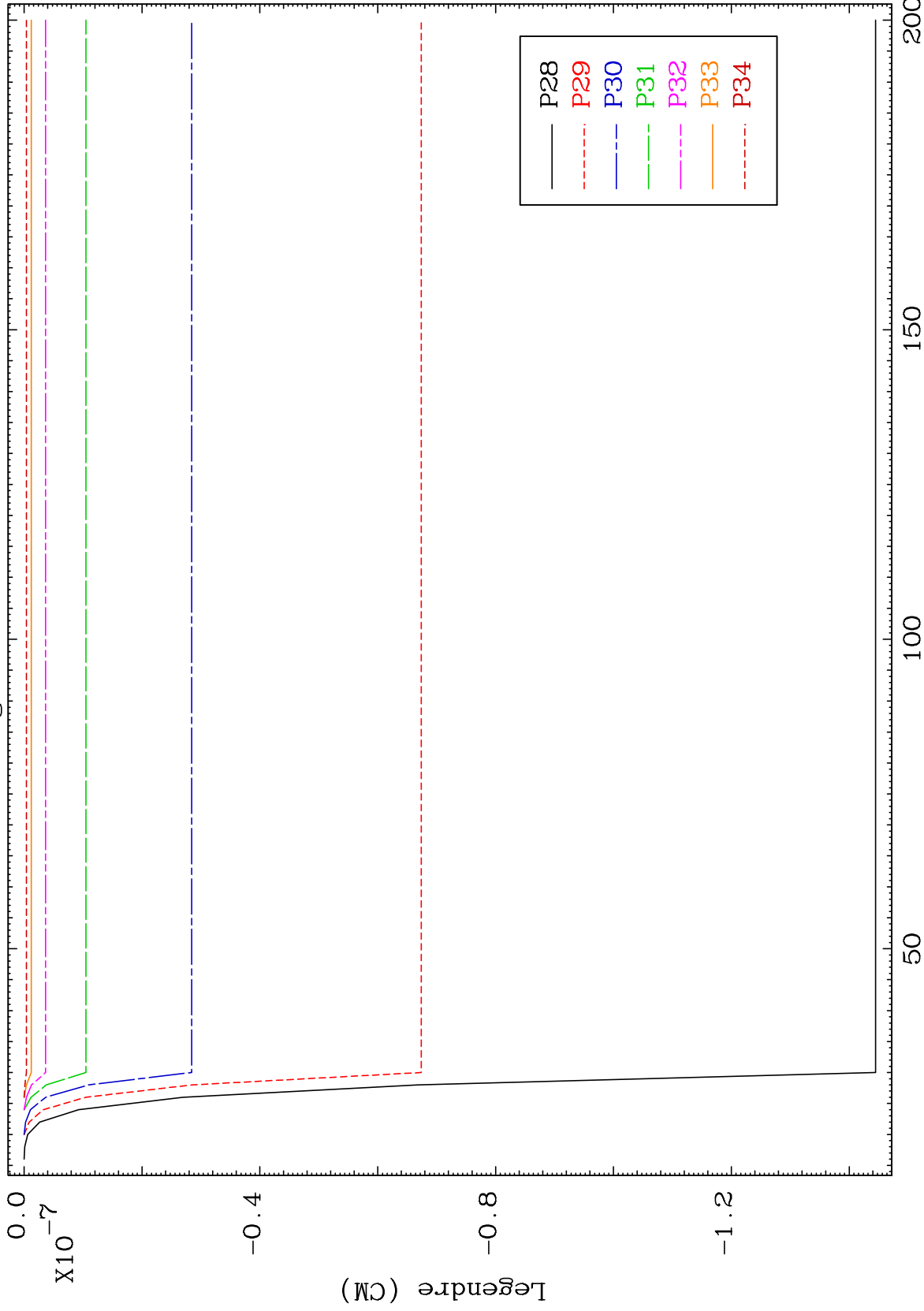
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



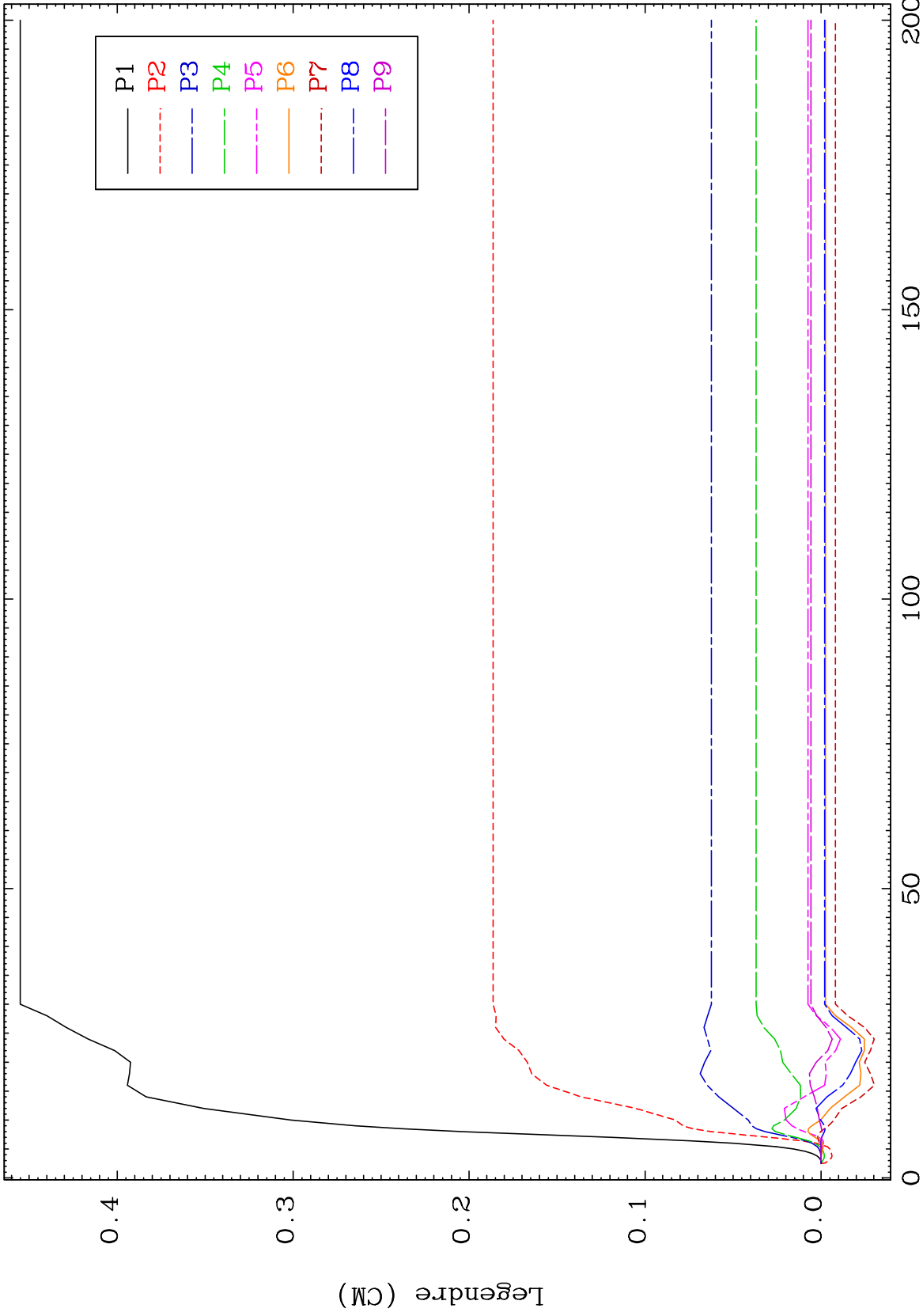
58-Ce-139

111

MAT 5834

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

58-Ce-139



112

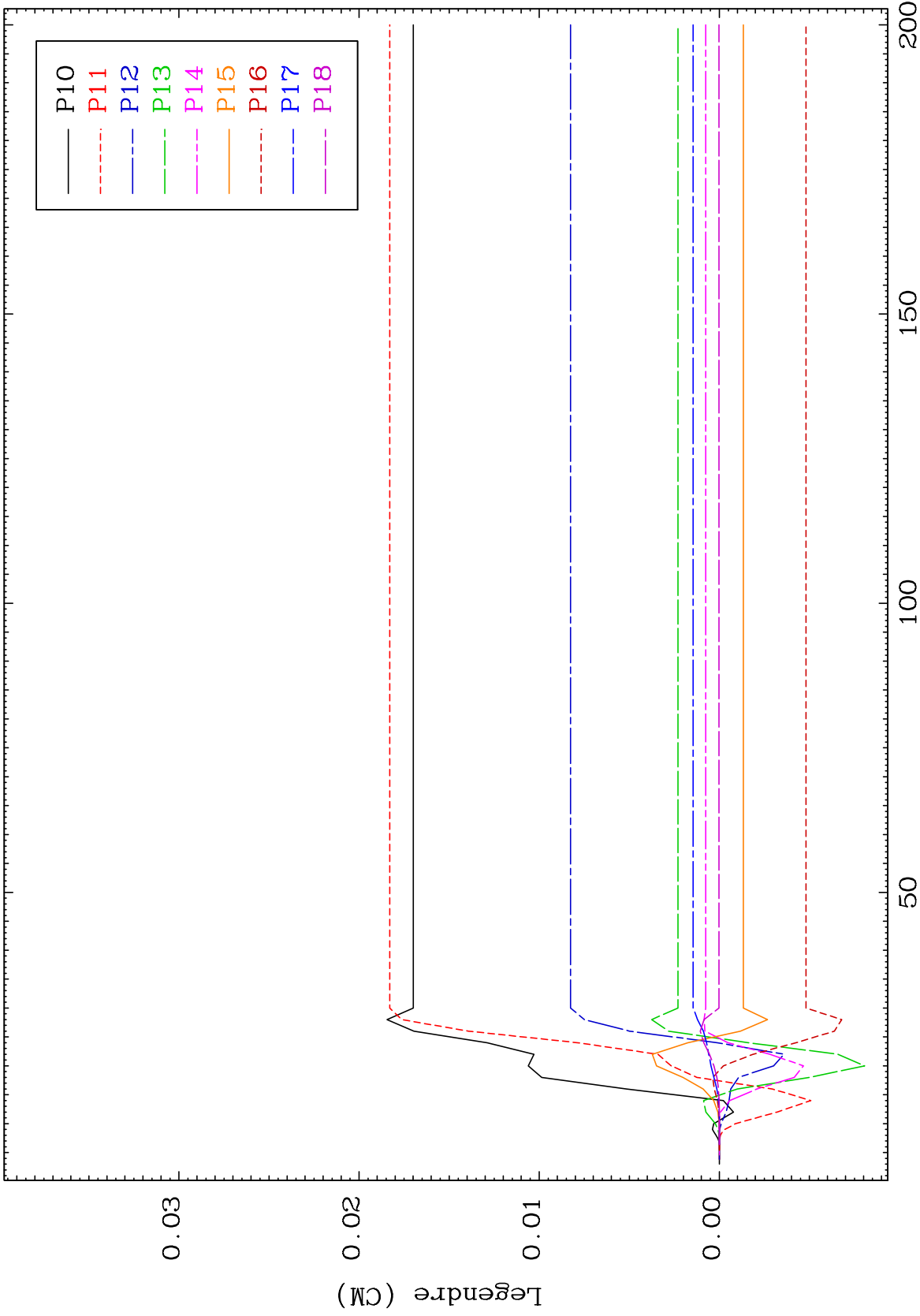
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



113

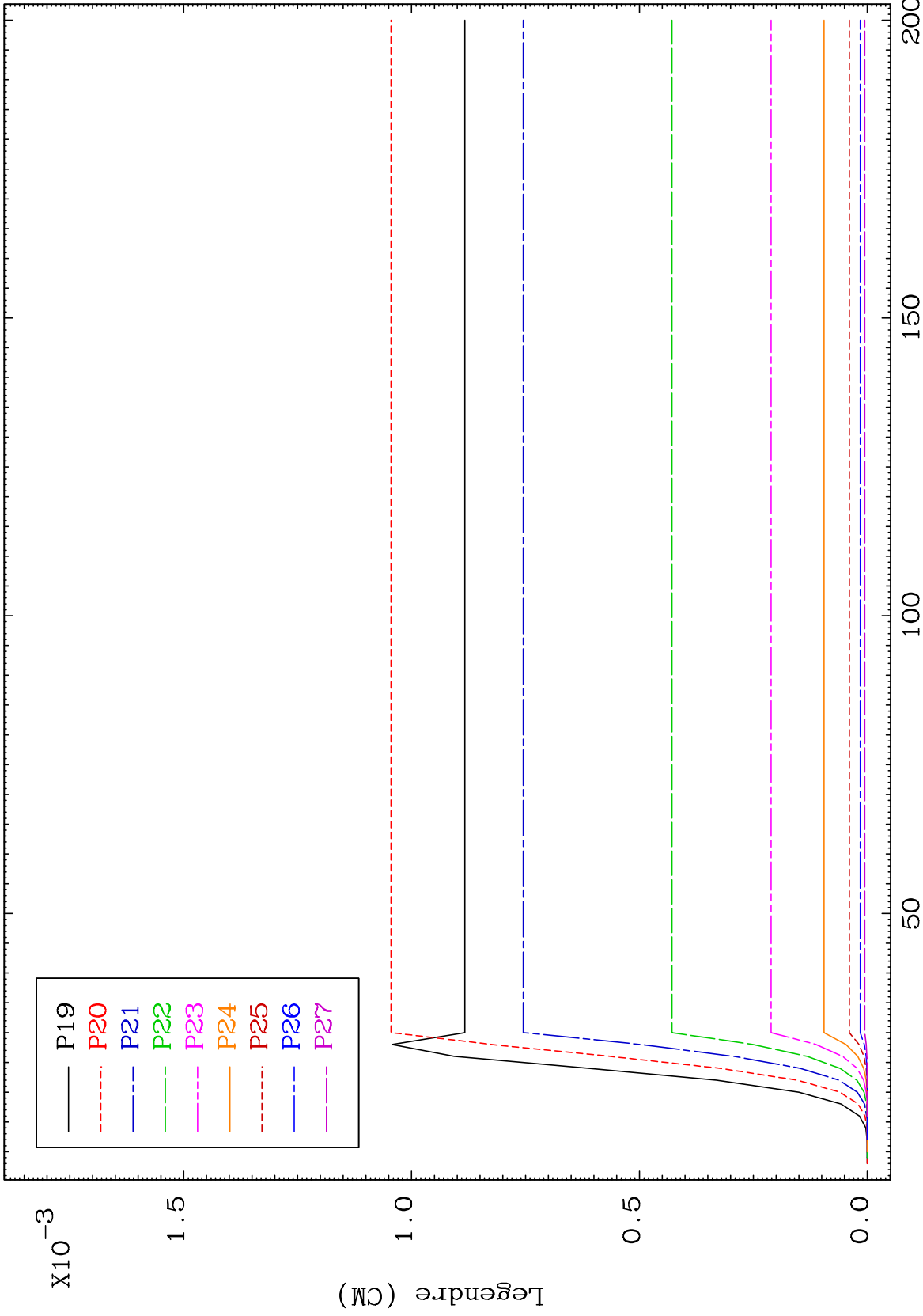
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139

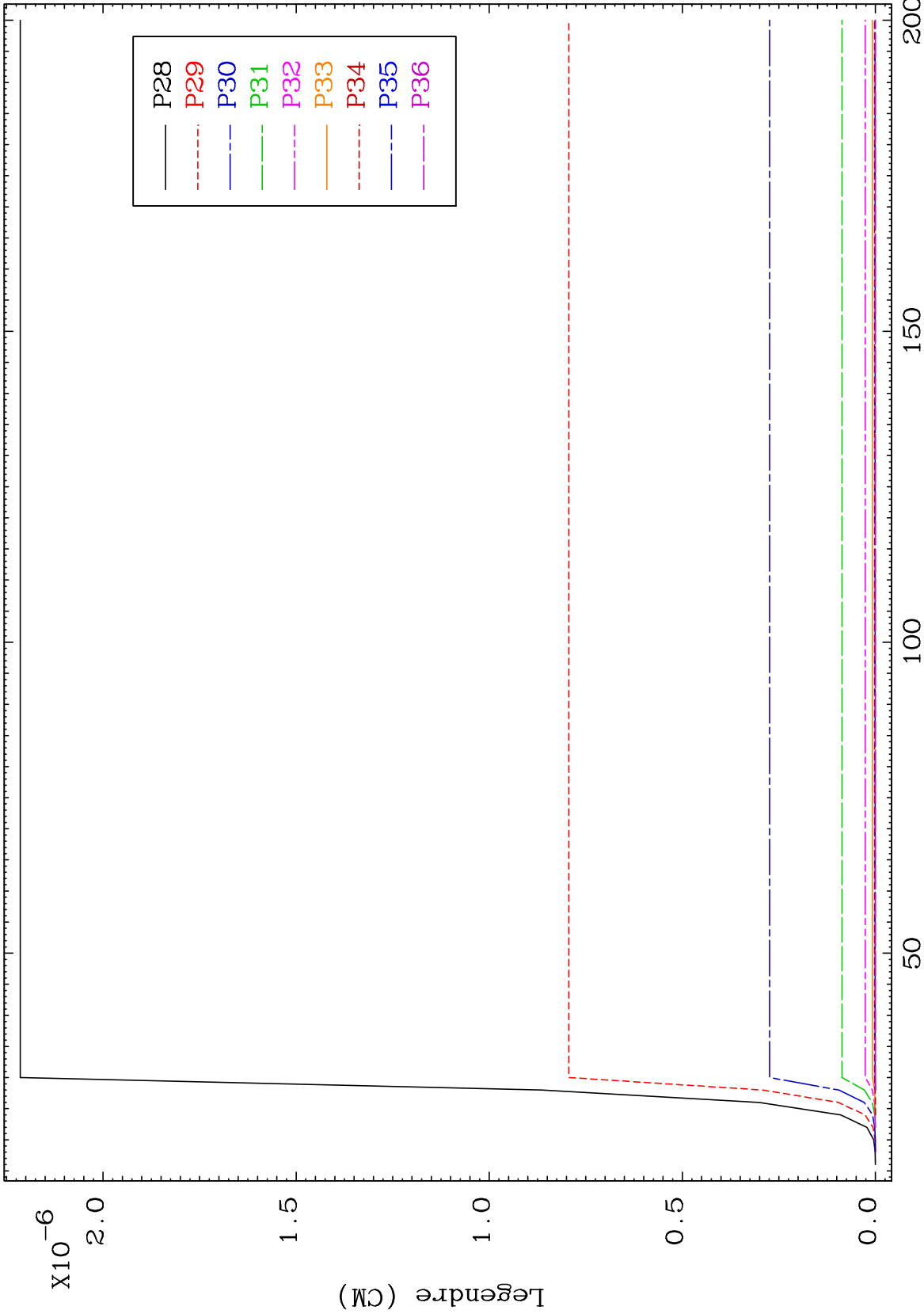


114

MAT 5834

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

58-Ce-139



115

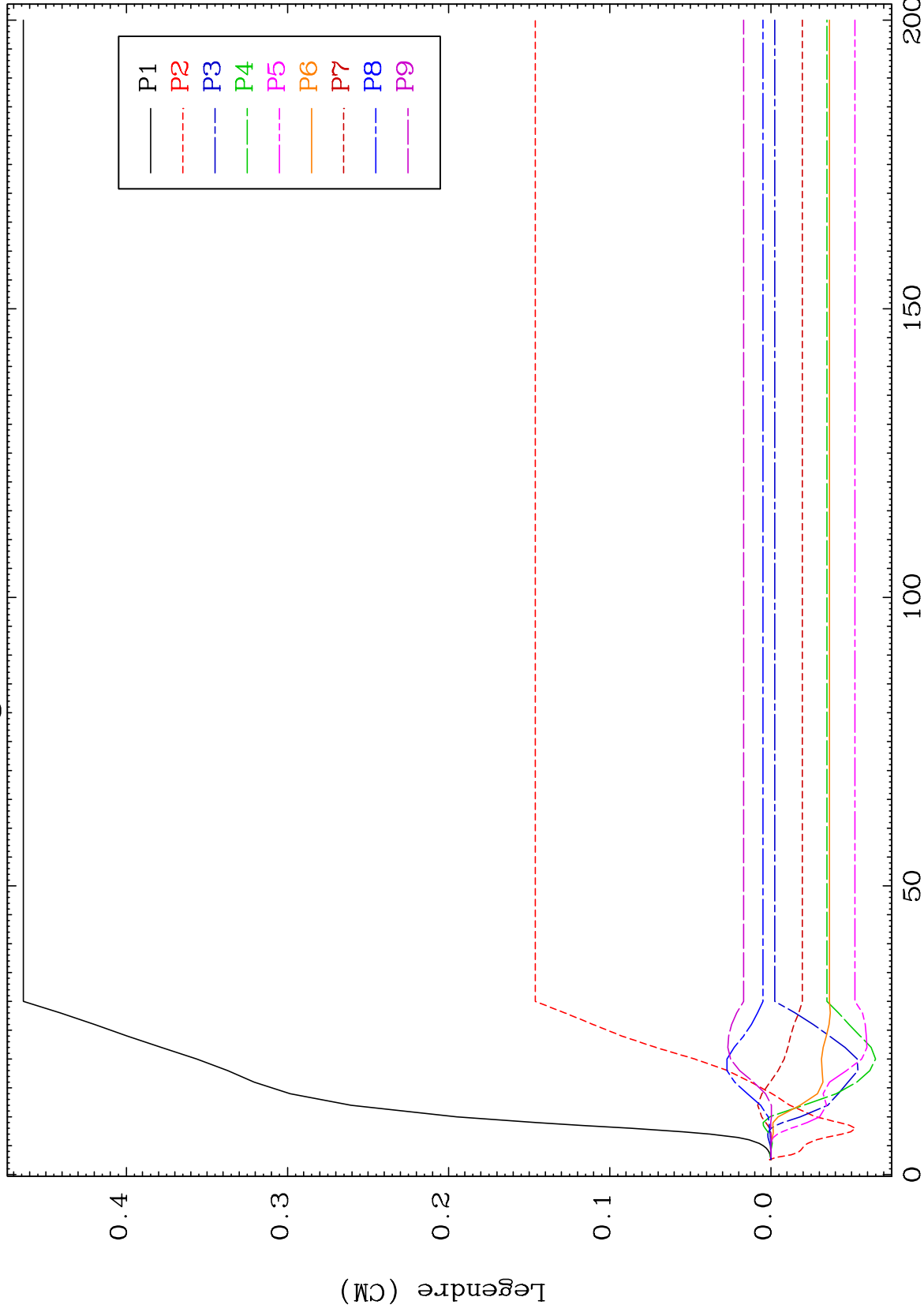
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



116

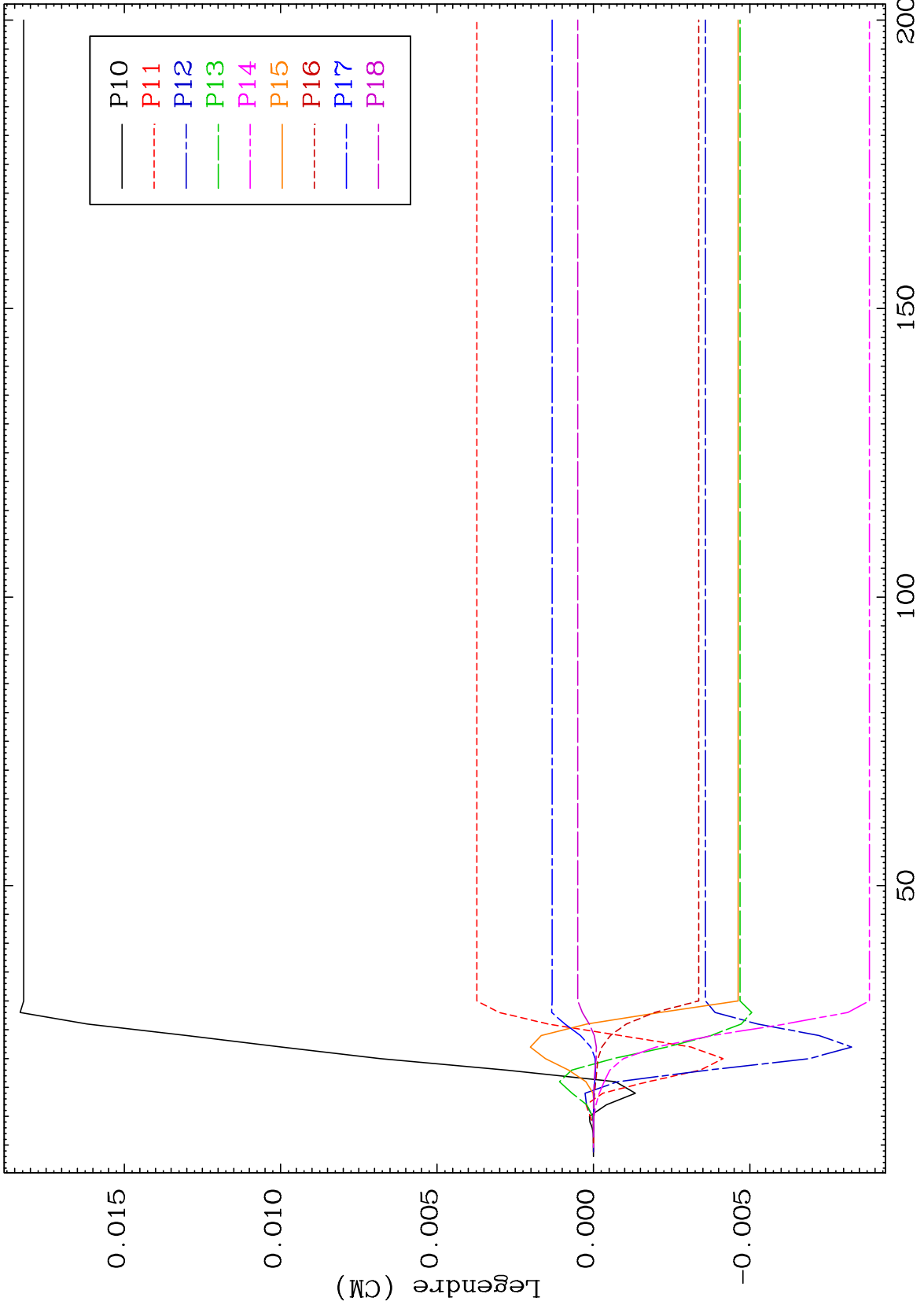
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



117

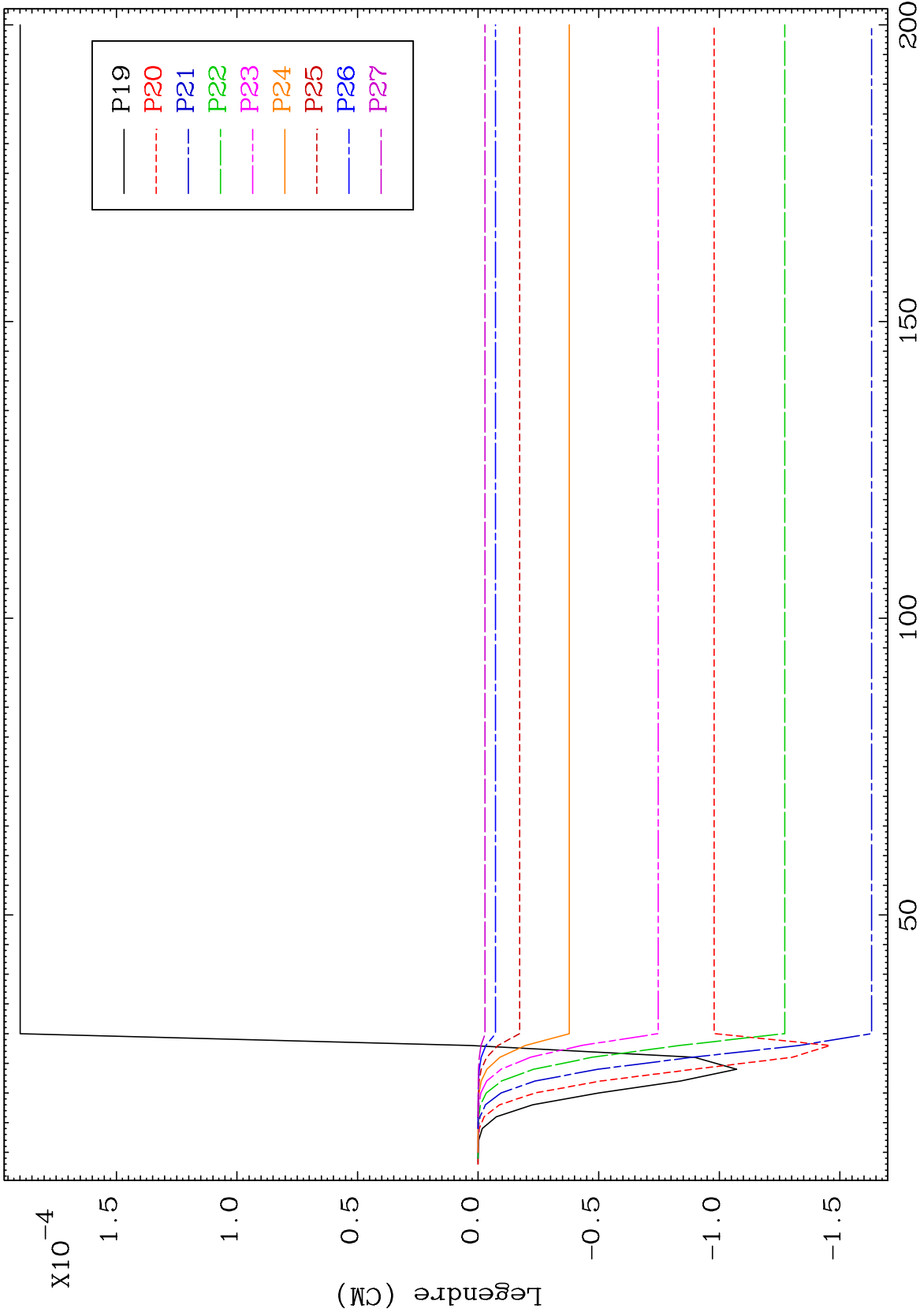
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



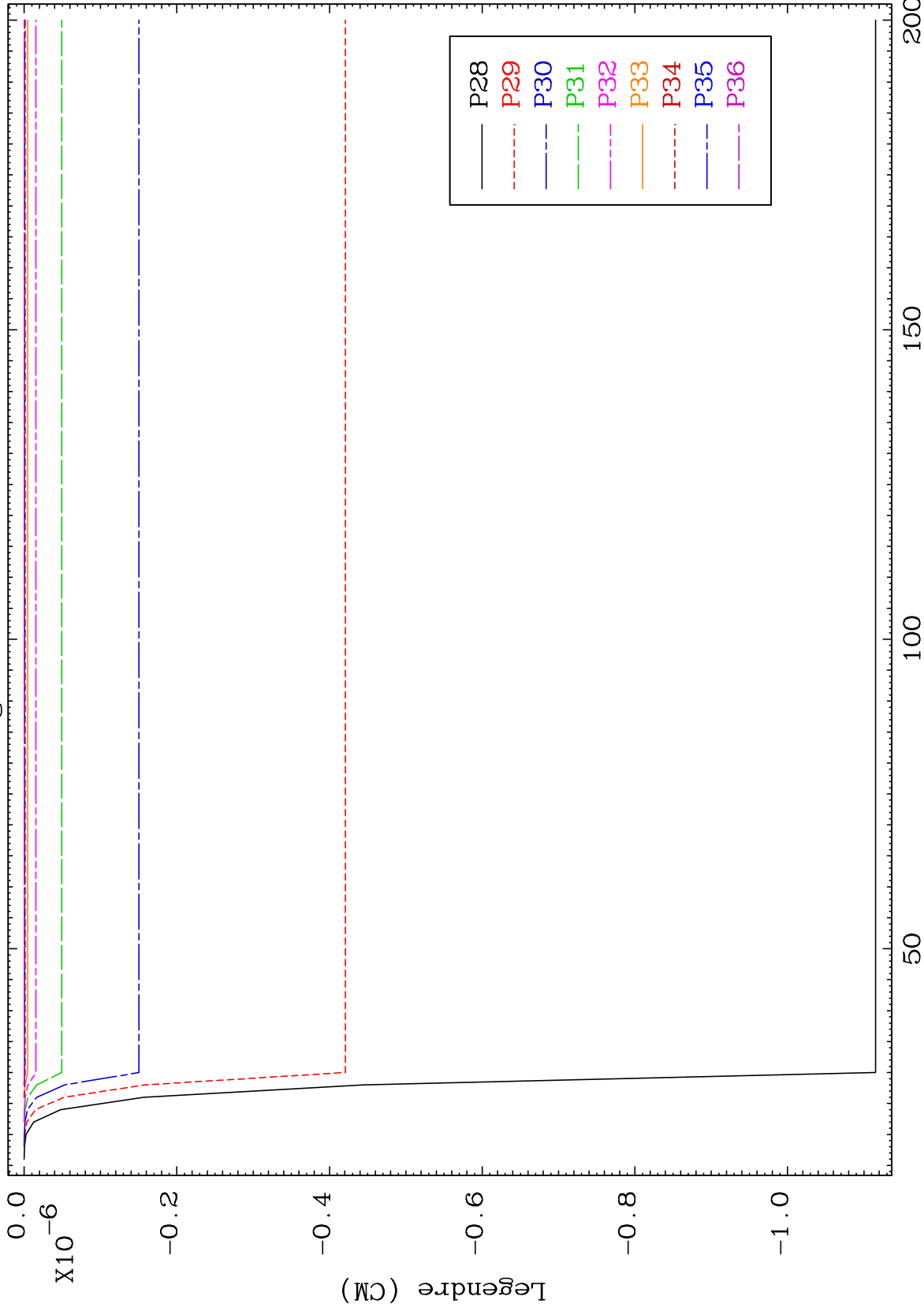
118

58-Ce-139

MAT 5834

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

58-Ce-139



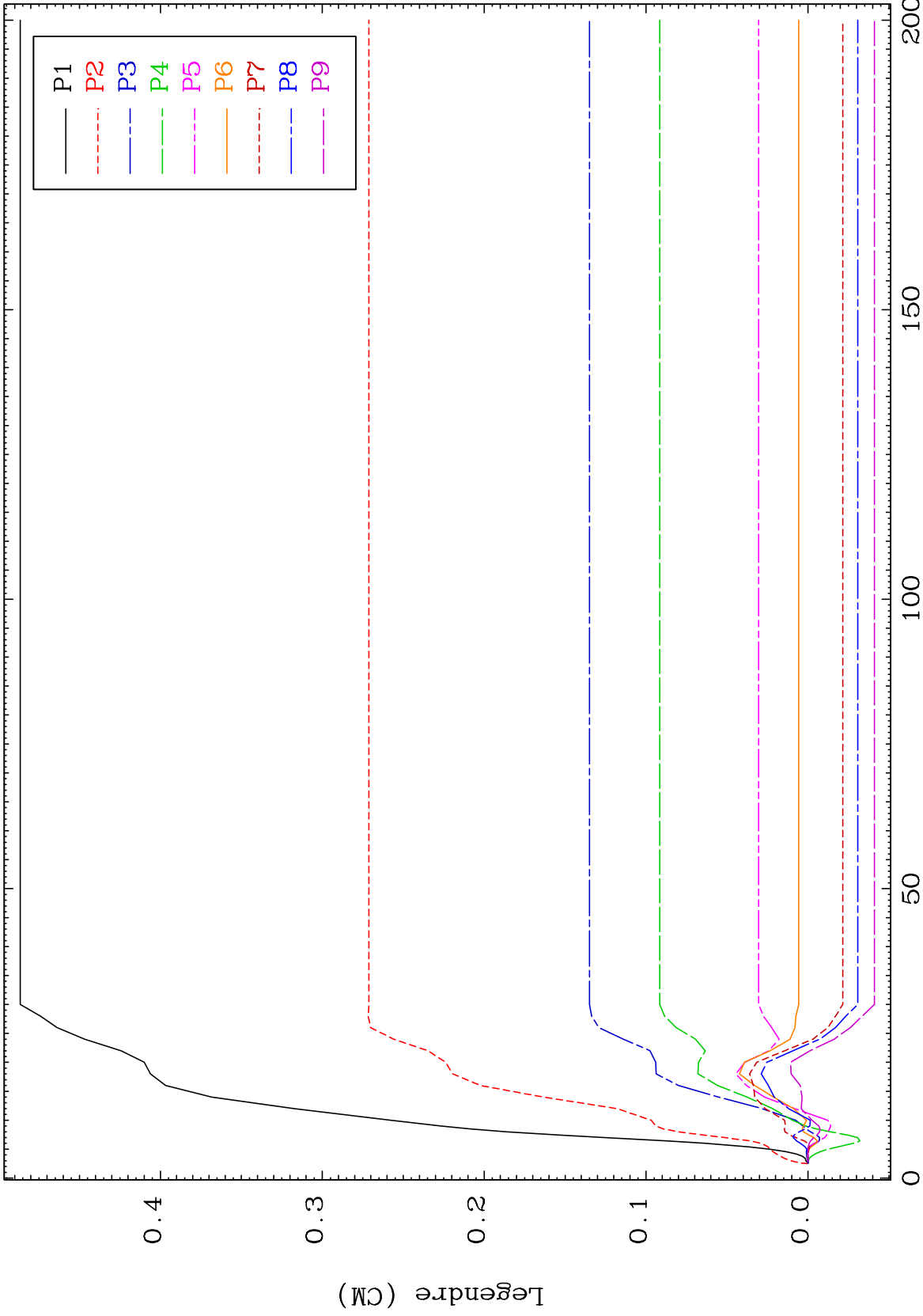
119

58-Ce-139

MAT 5834

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

58-Ce-139



58-Ce-139

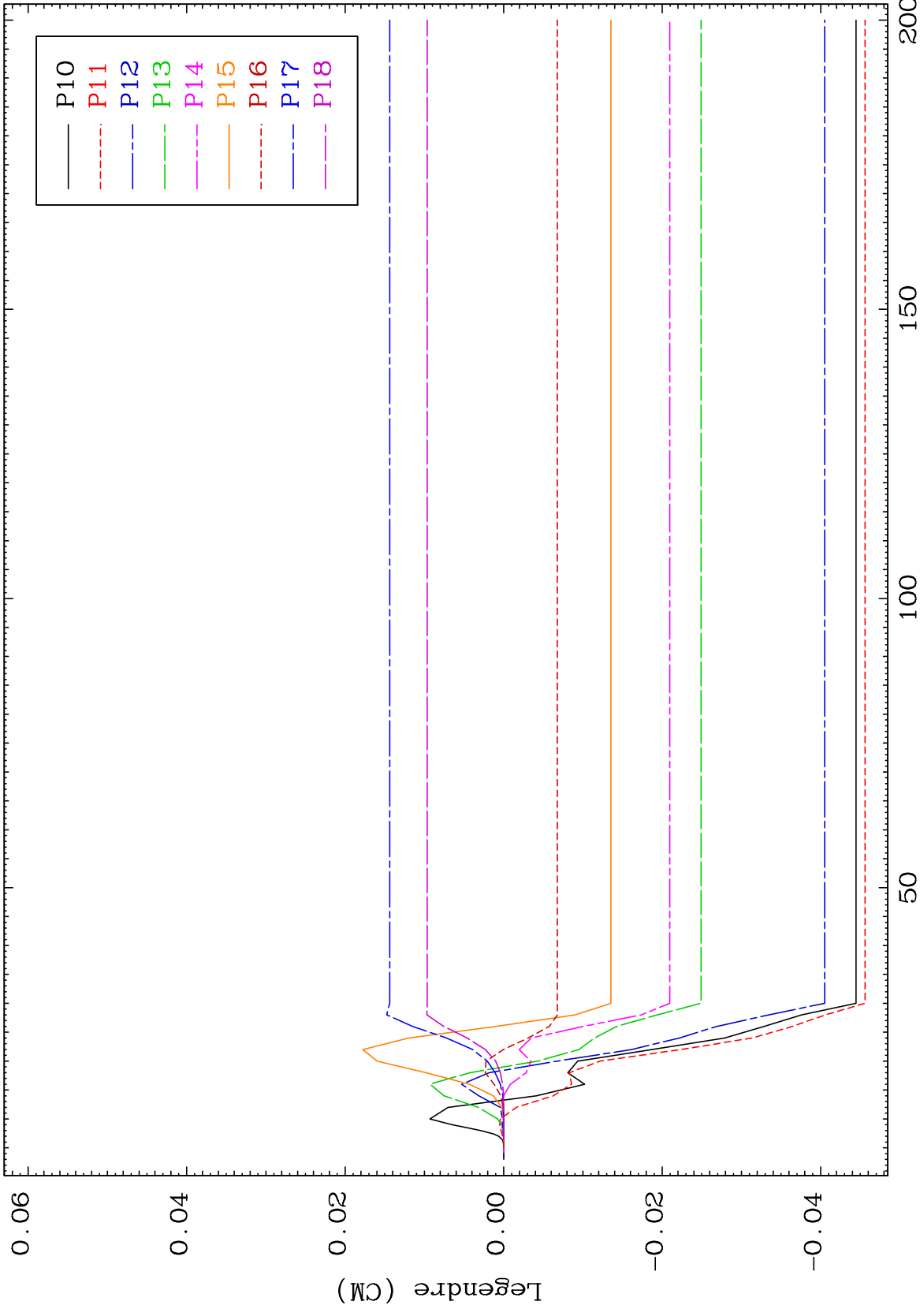
Incident Energy (MeV)

120

MAT 5834

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

58-Ce-139



121

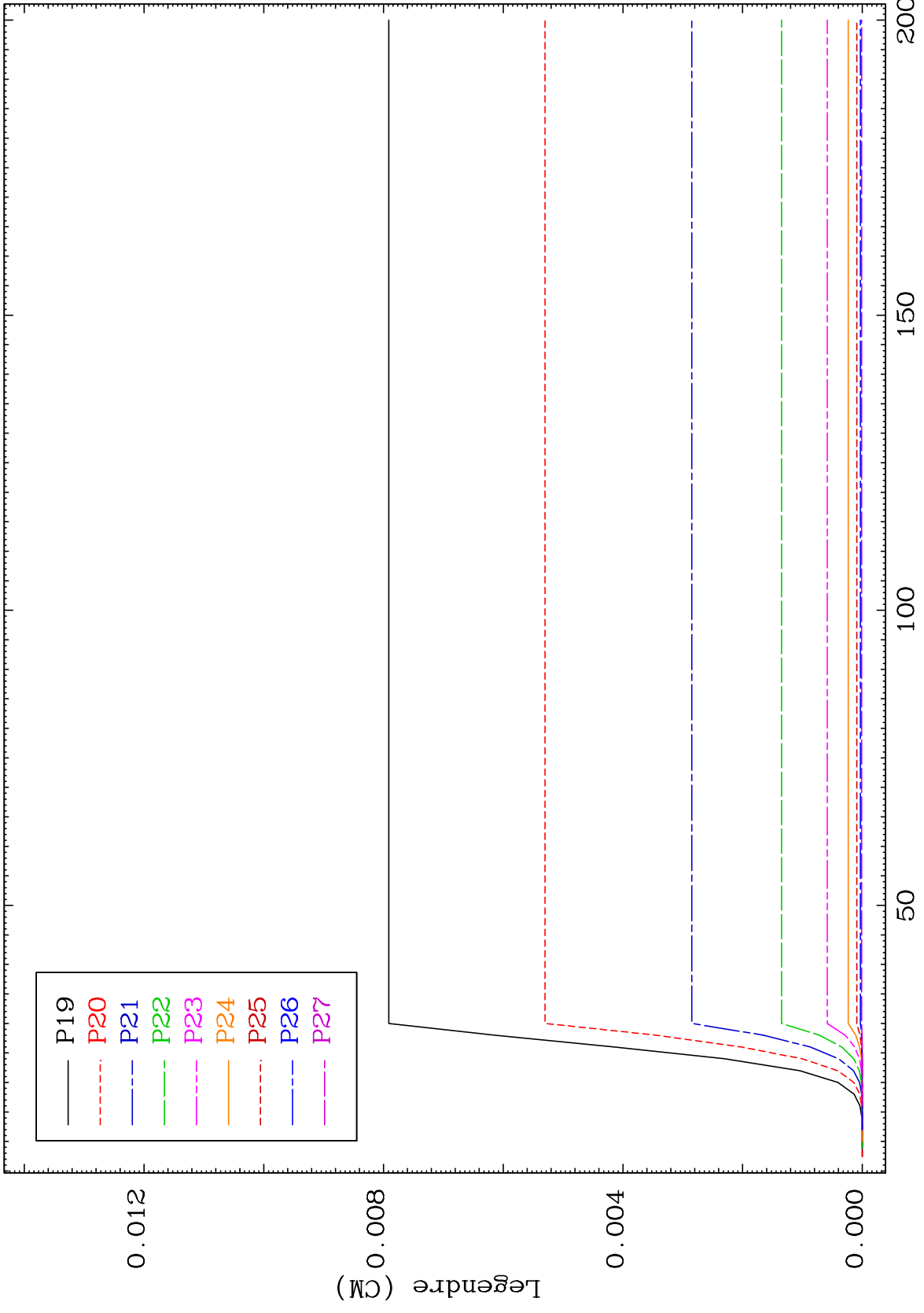
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



122

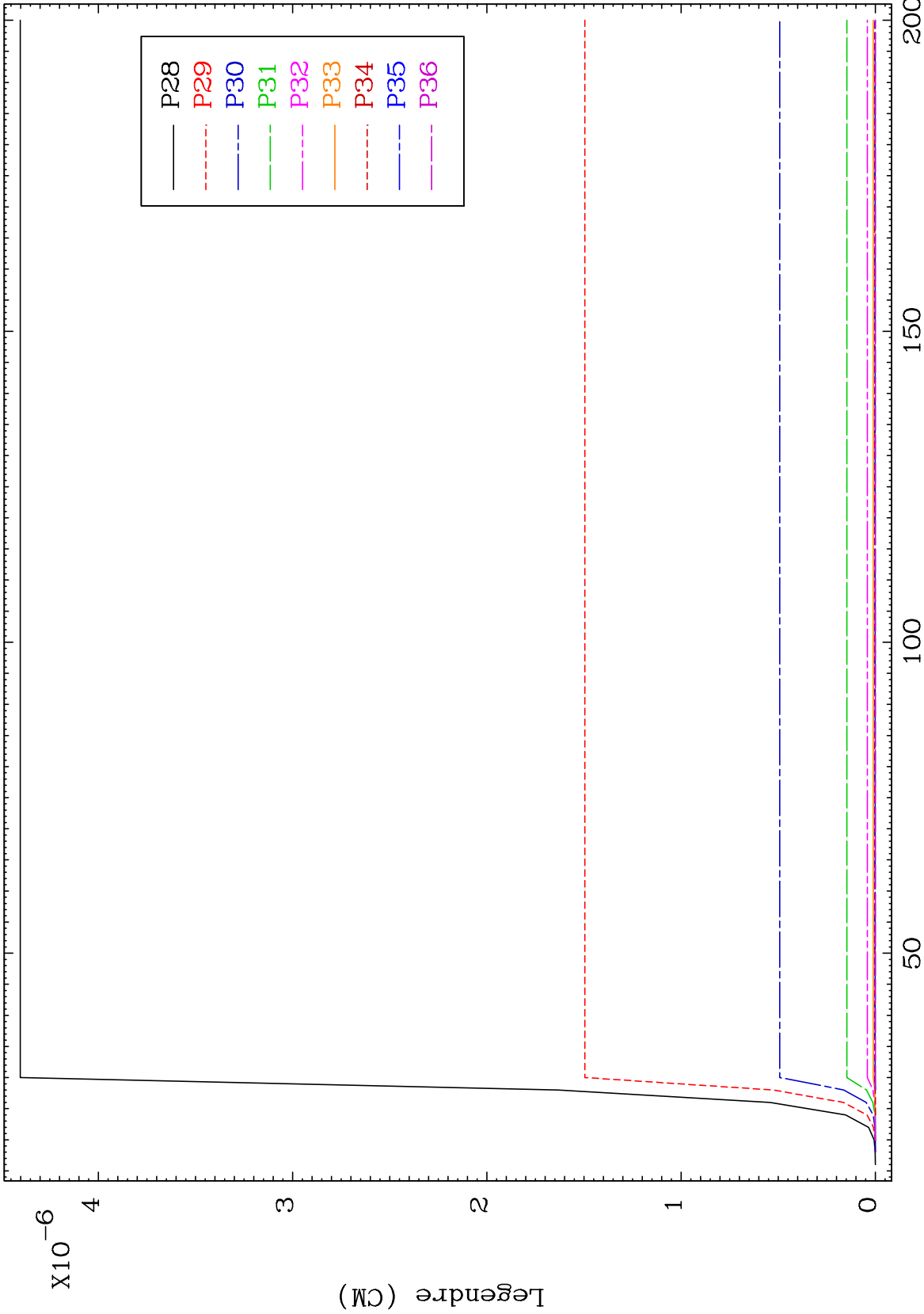
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



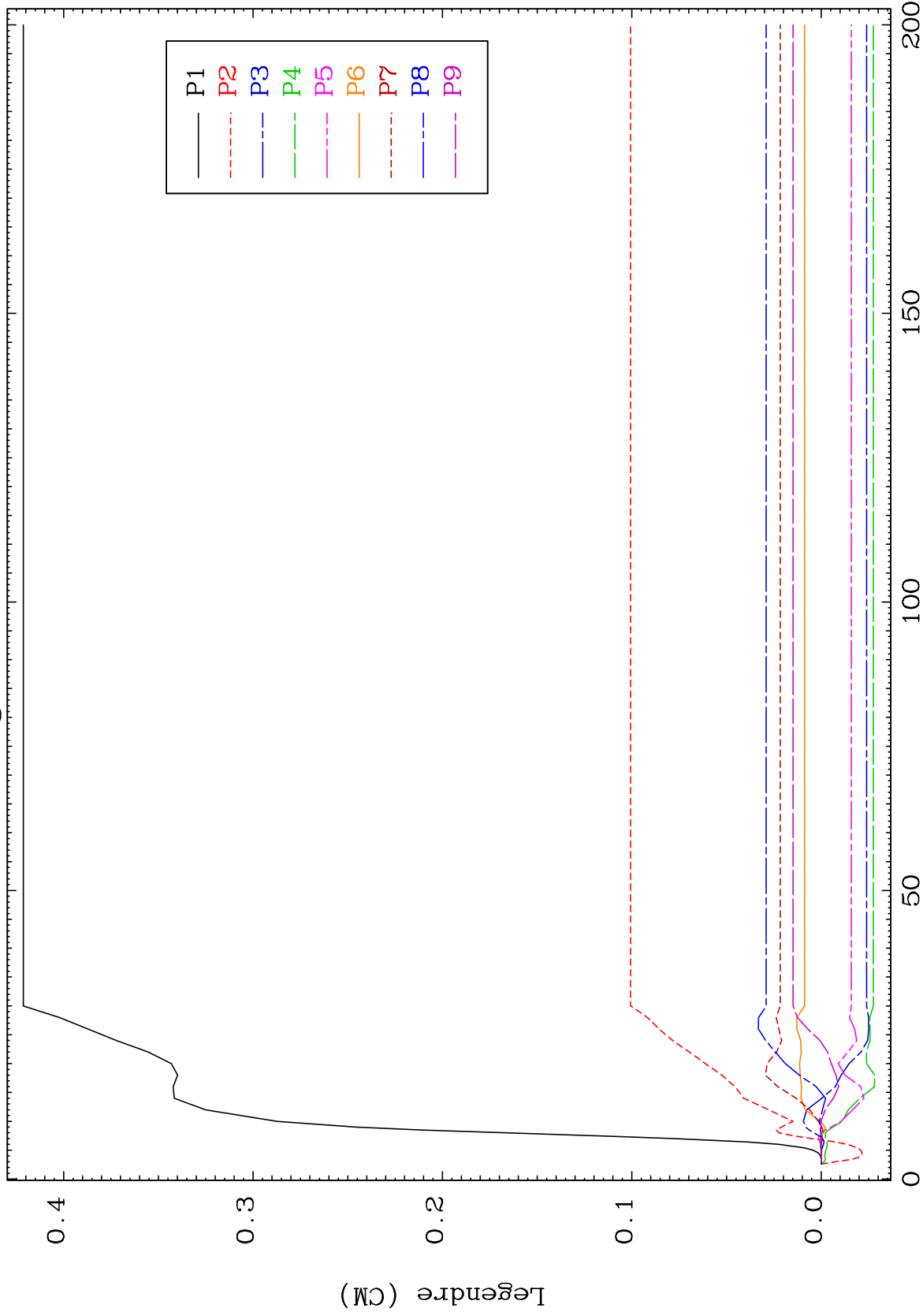
123

58-Ce-139

MAT 5834

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

58-Ce-139



124

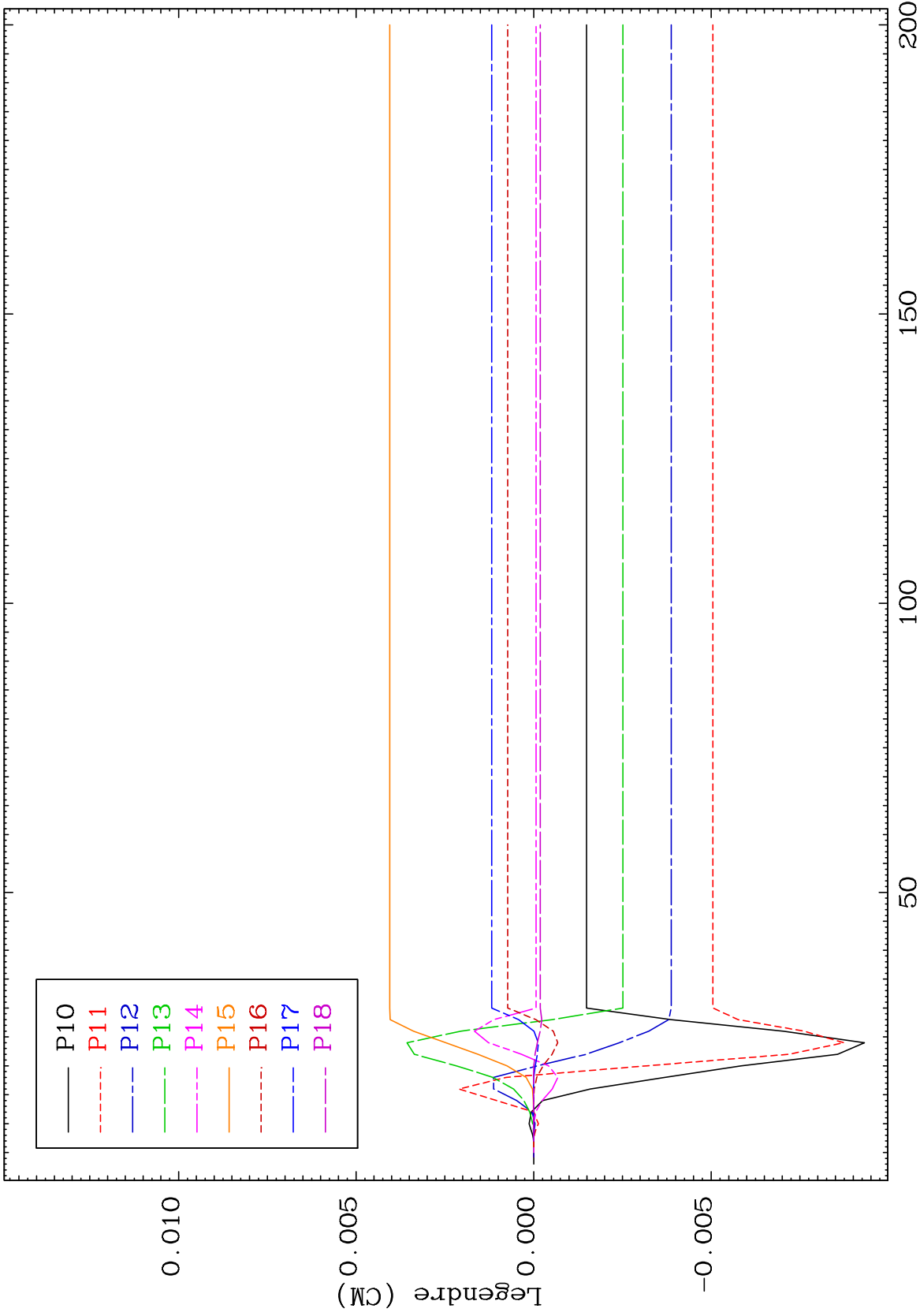
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



125

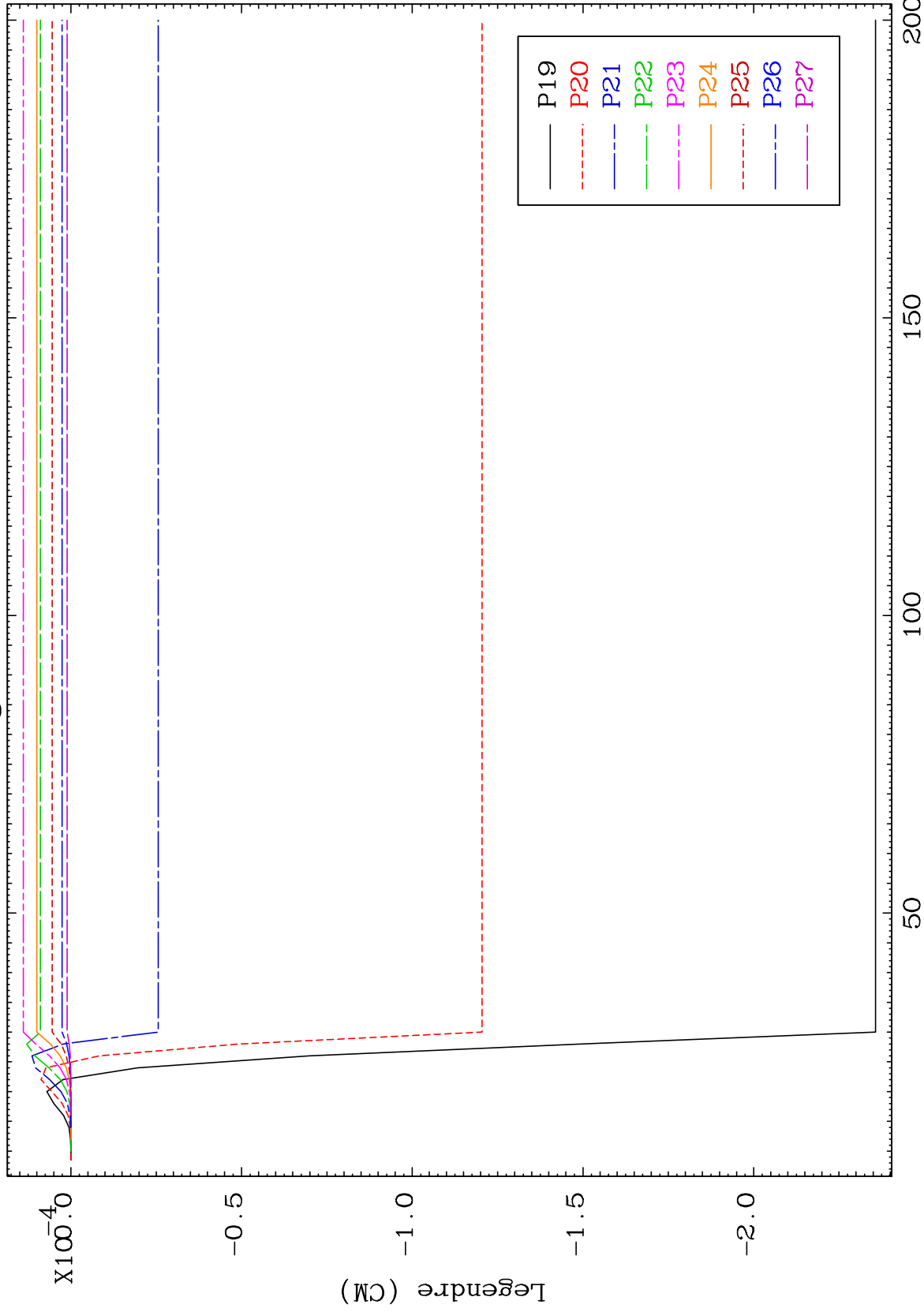
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



126

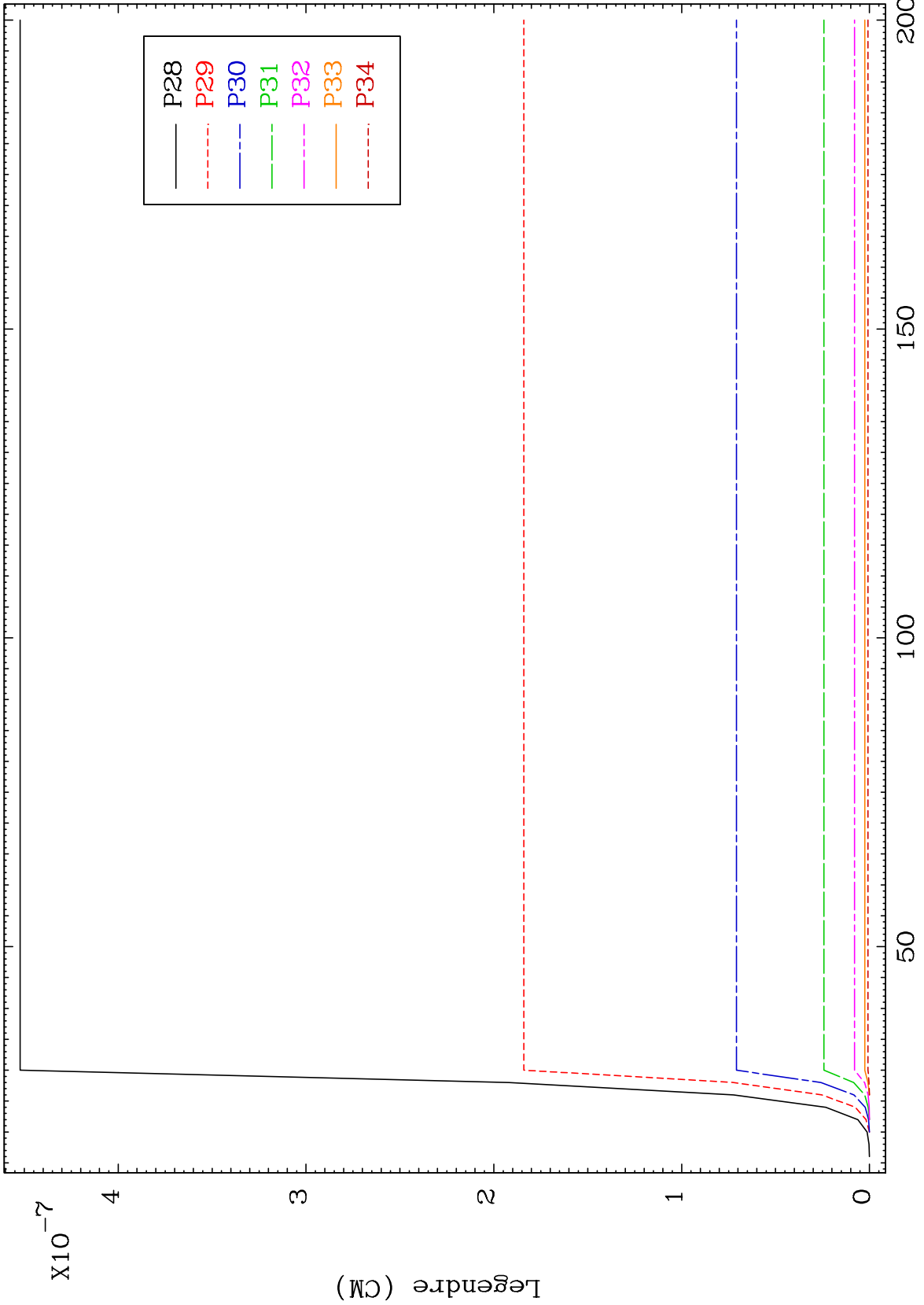
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



127

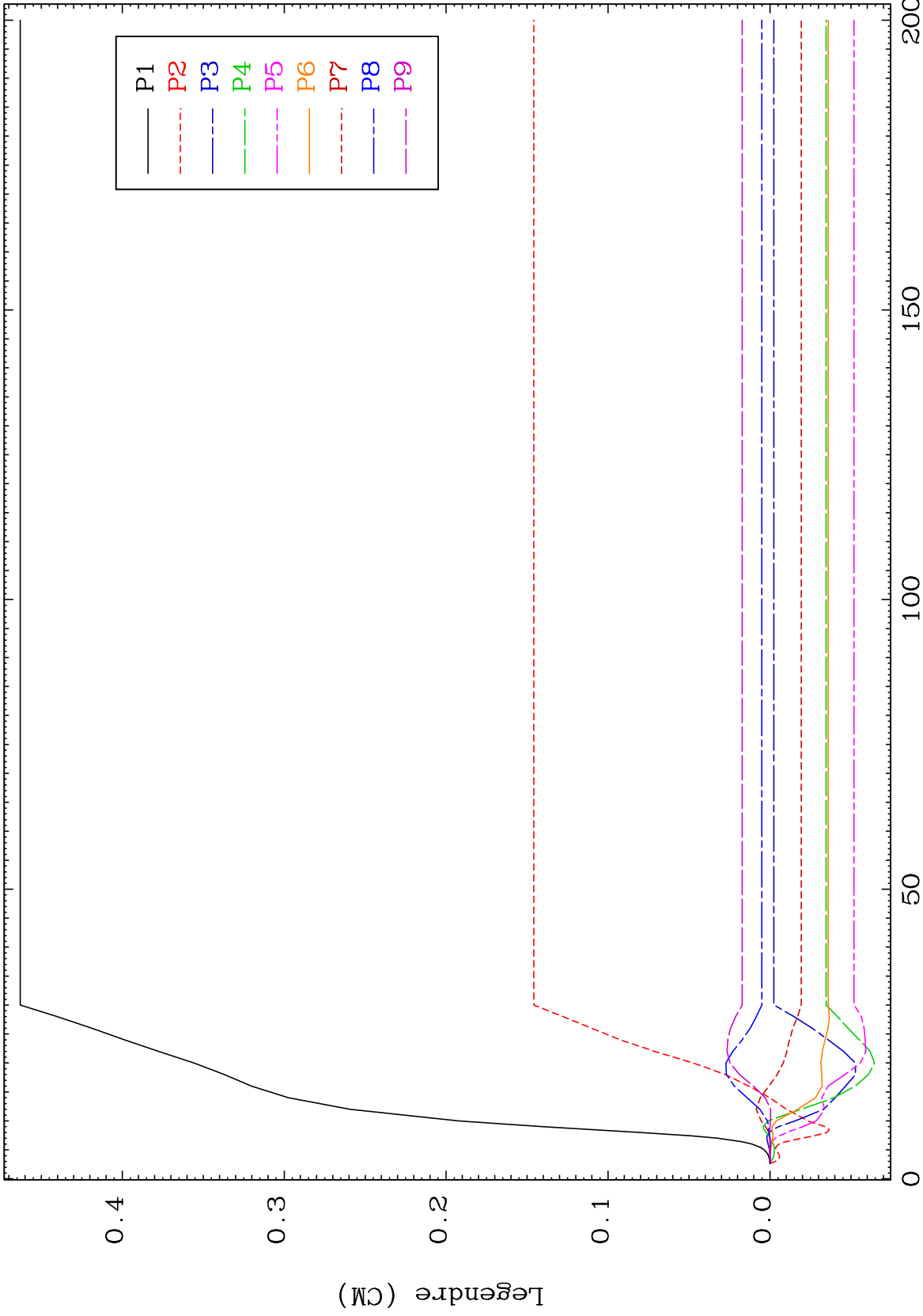
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



128

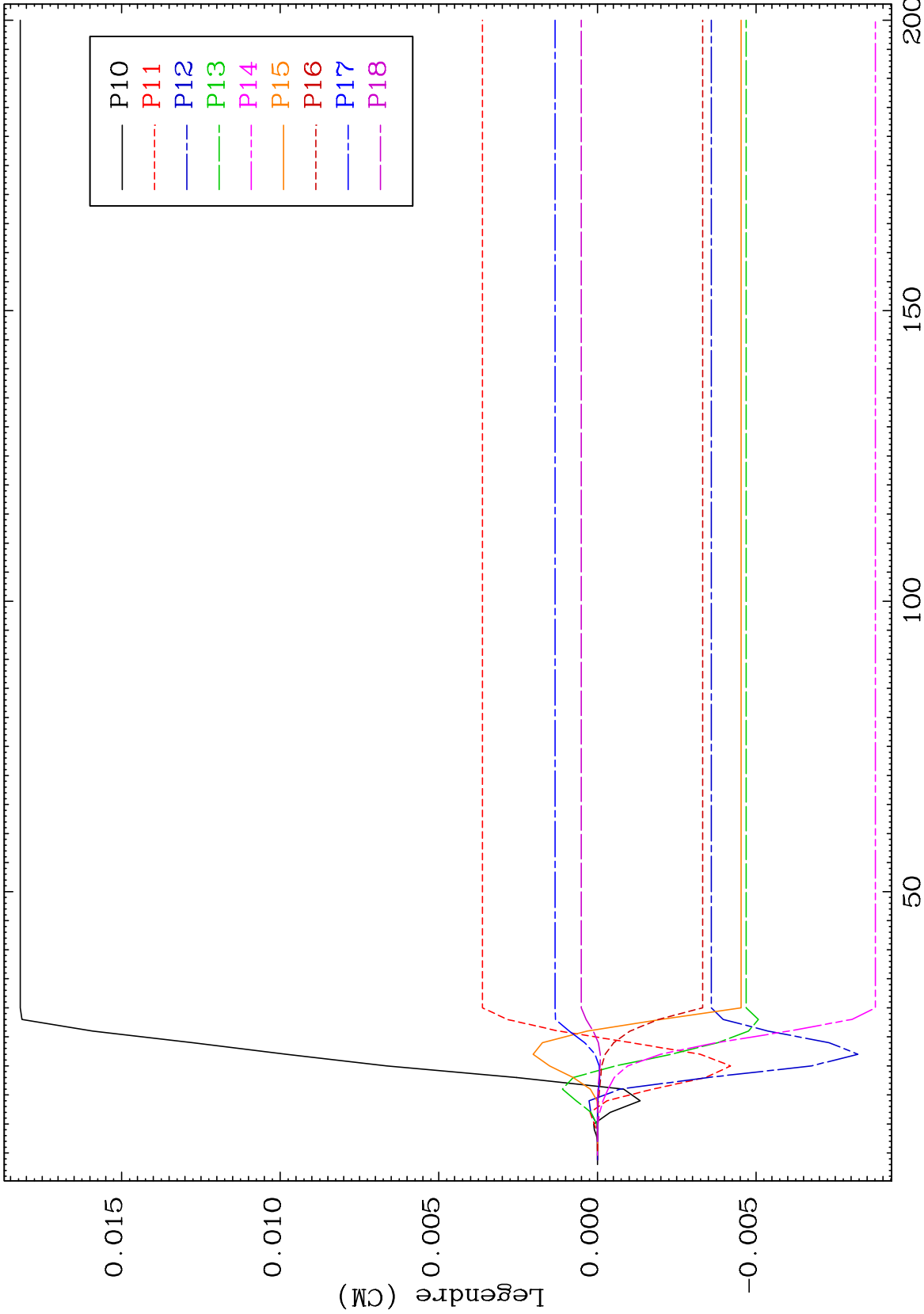
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



129

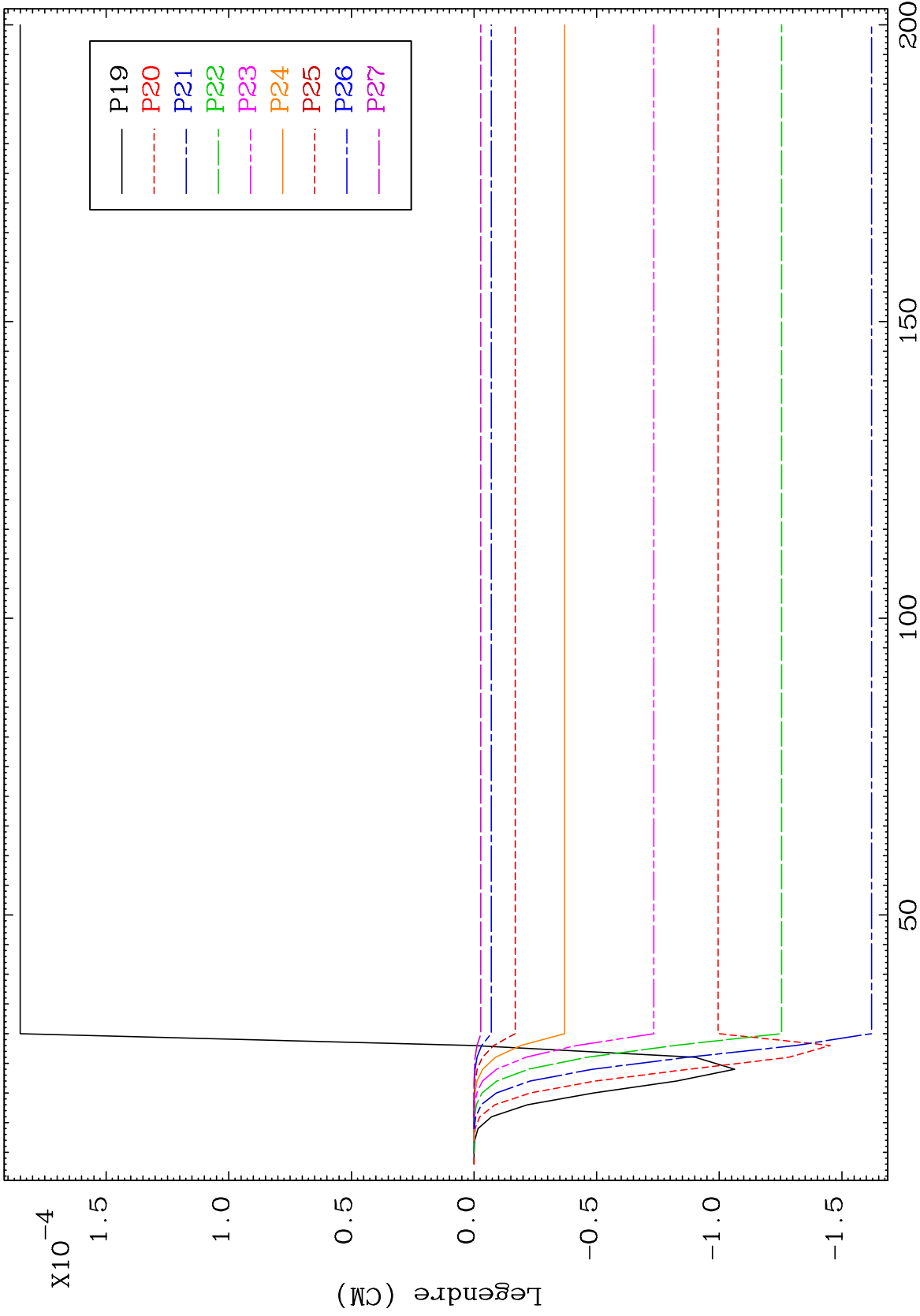
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



130

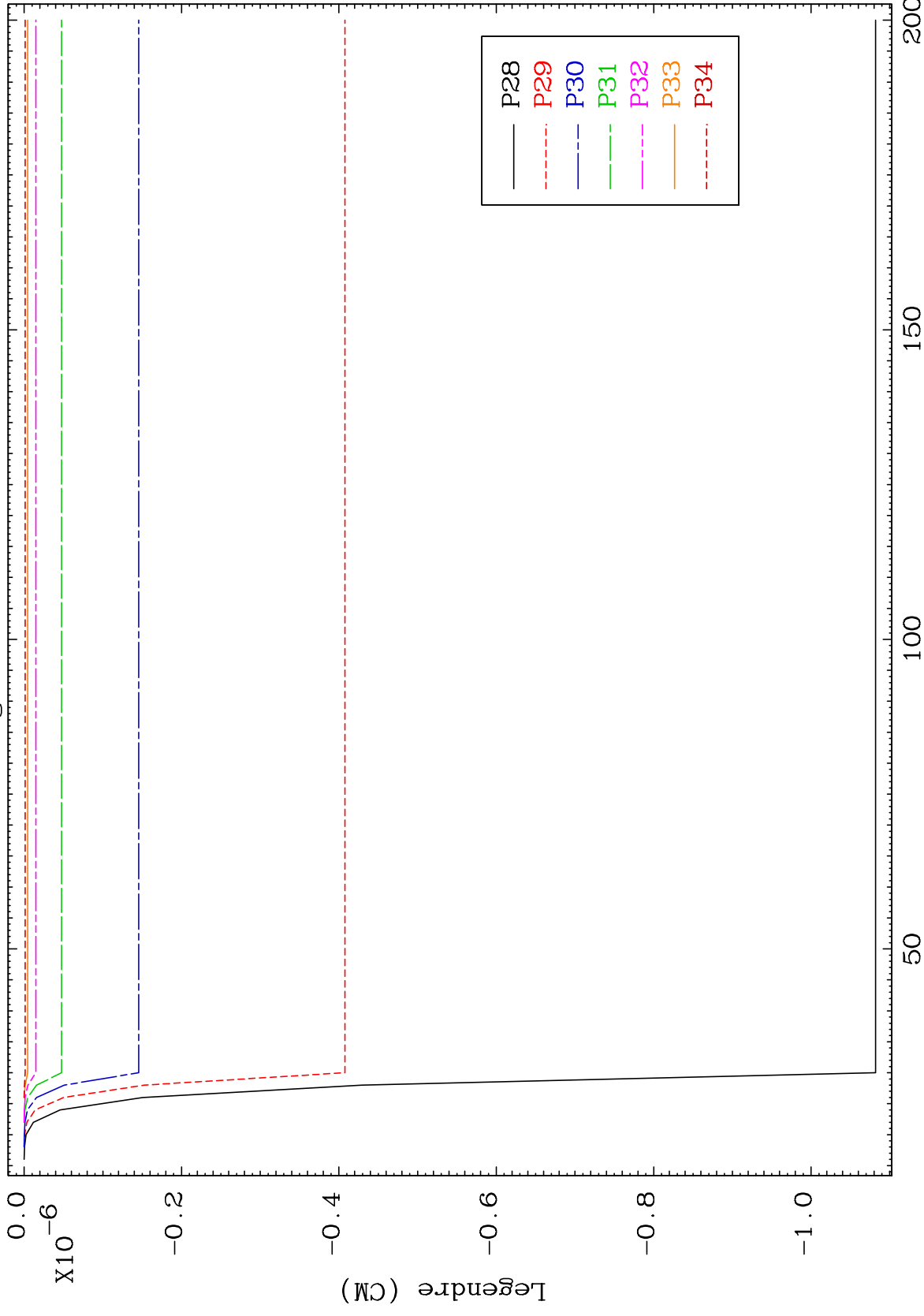
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



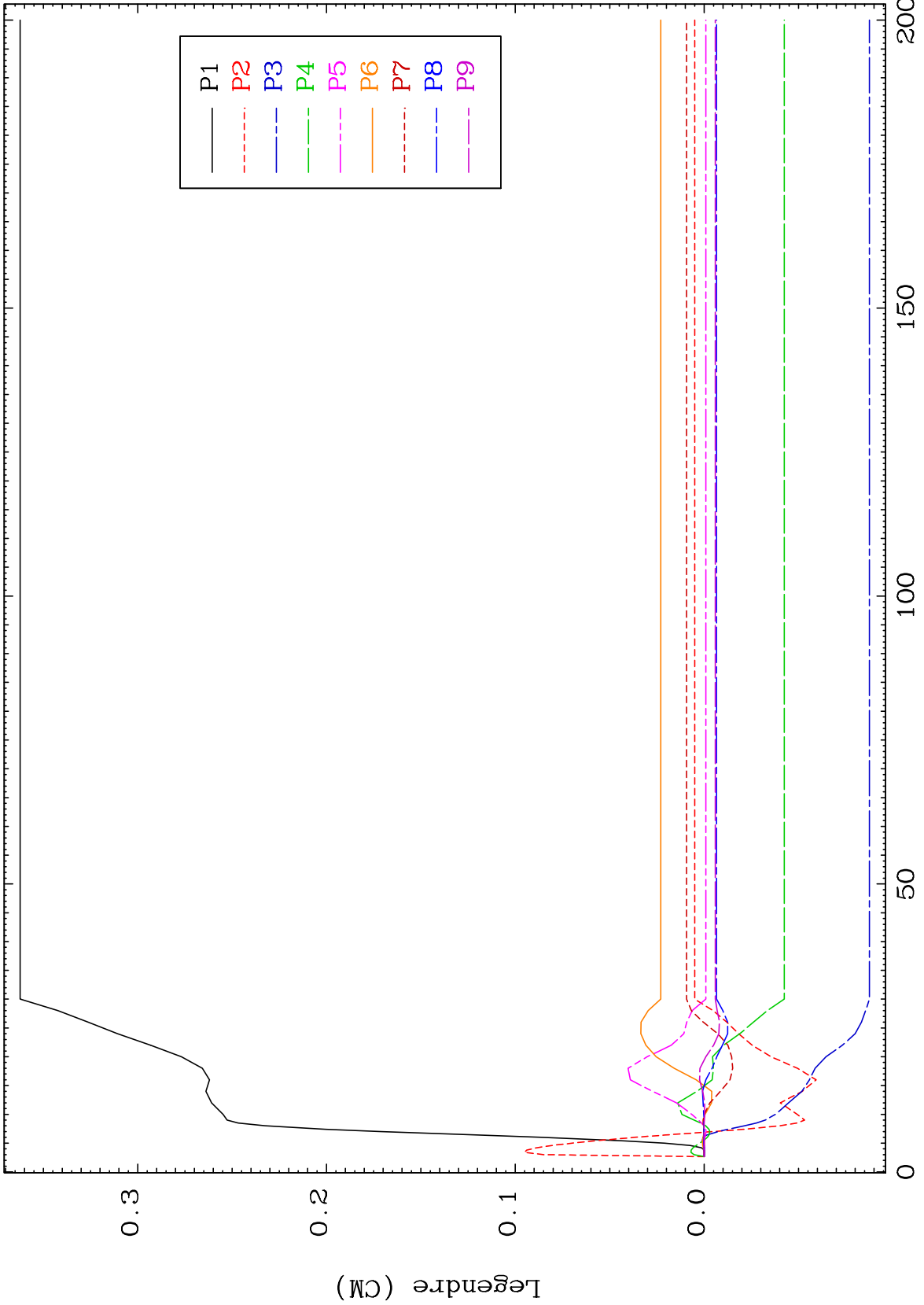
58-Ce-139

131

MAT 5834

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

58-Ce-139



58-Ce-139

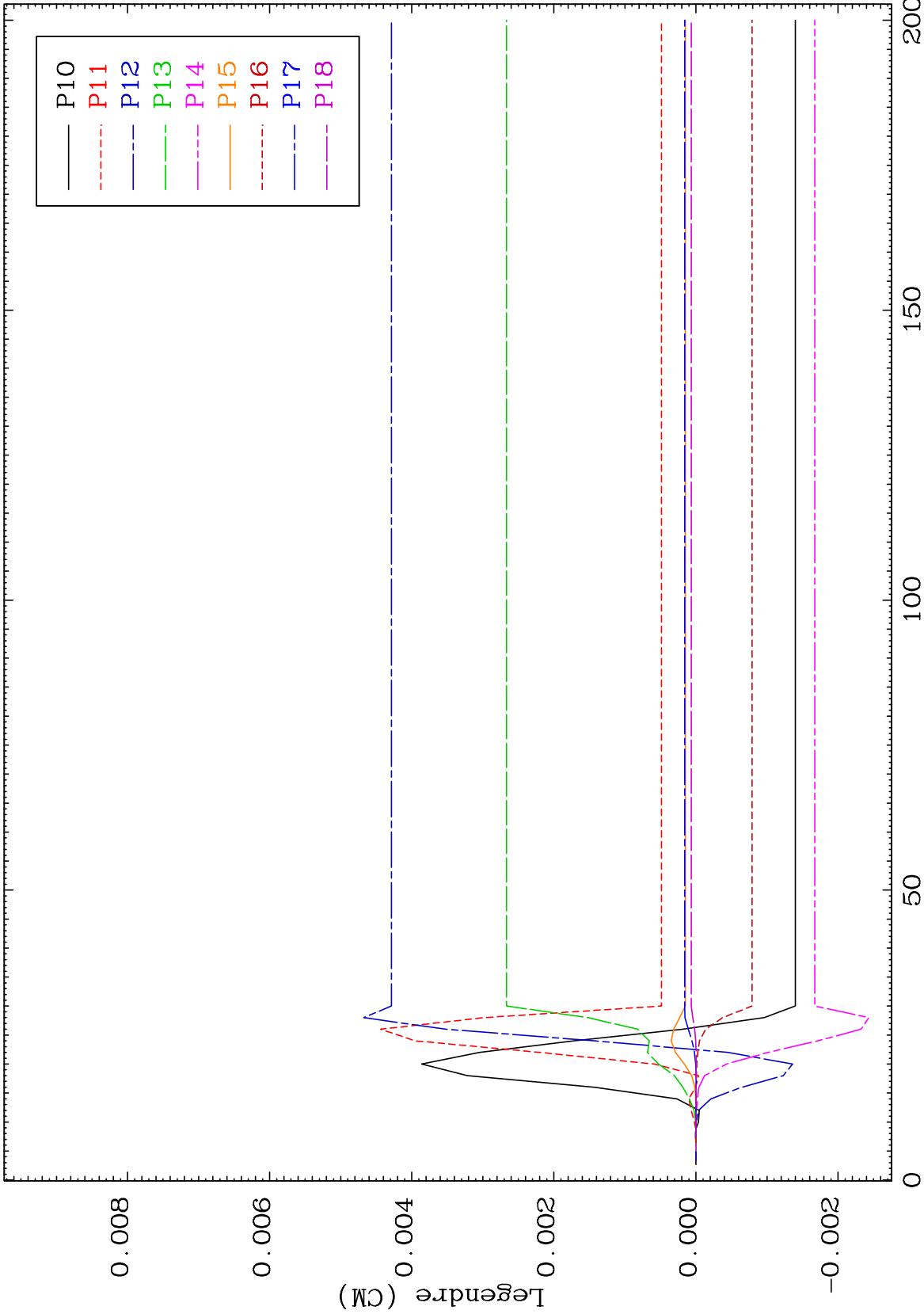
Incident Energy (MeV)

132

MAT 5834

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

58-Ce-139



133

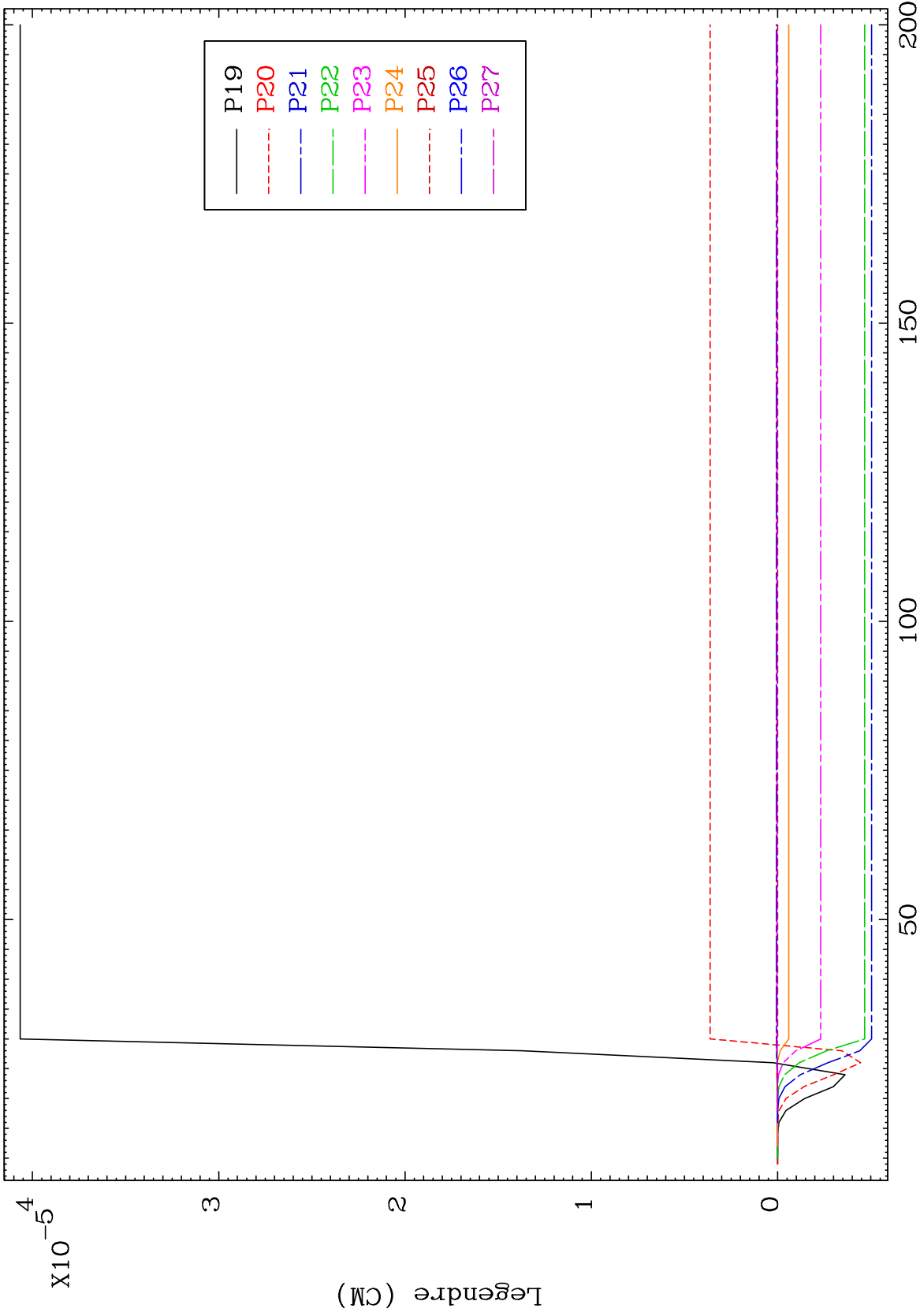
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



134

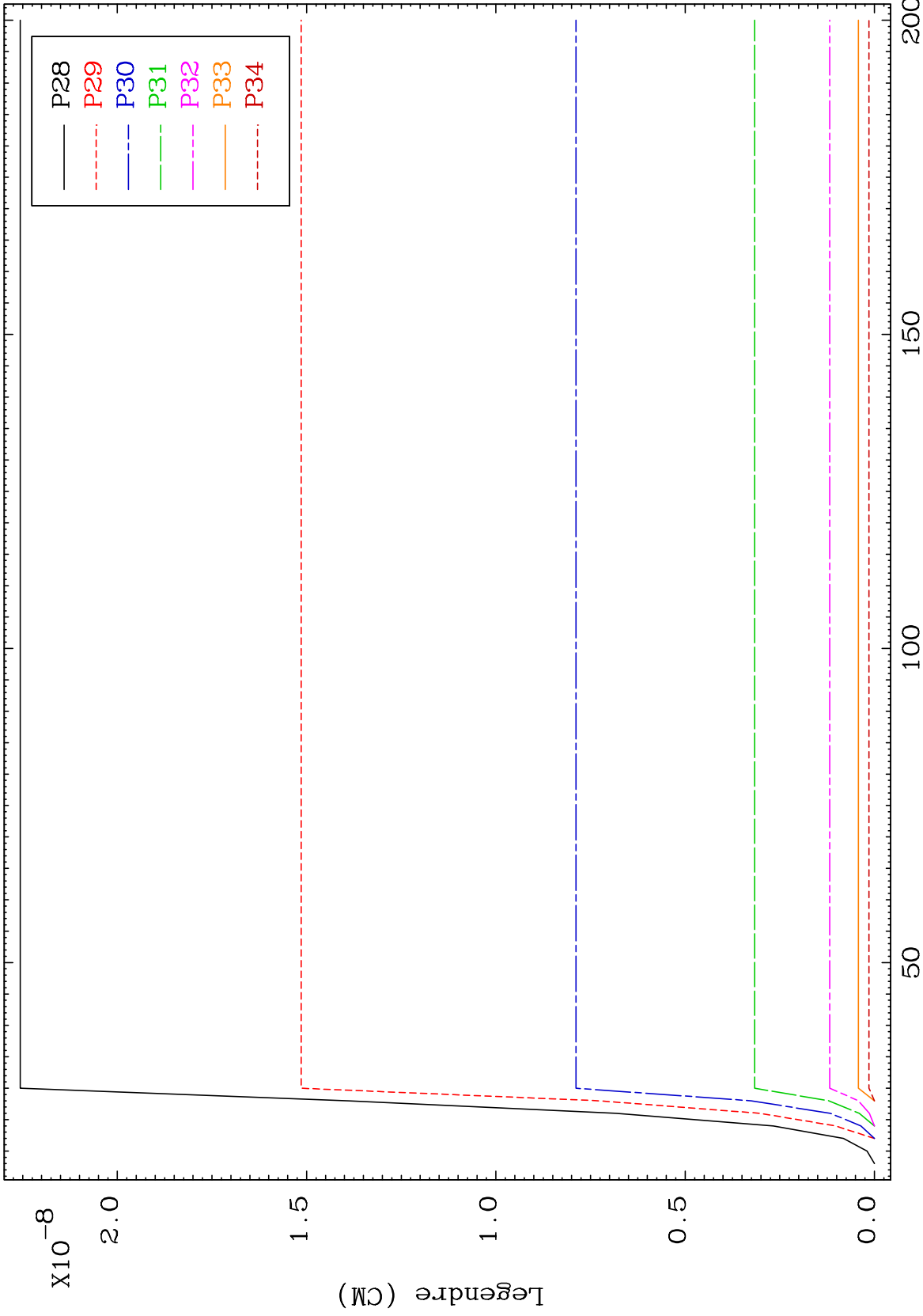
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



135

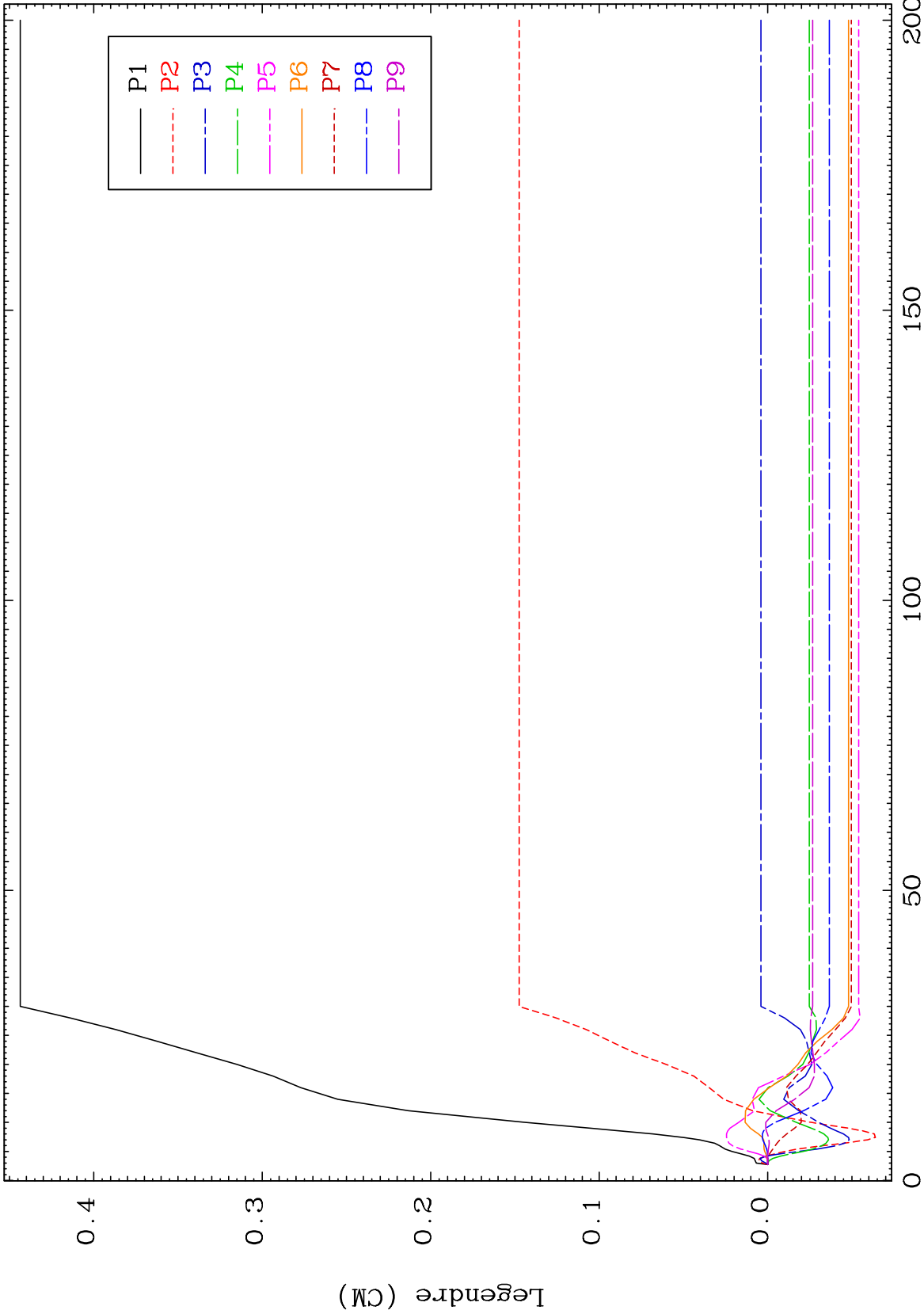
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



136

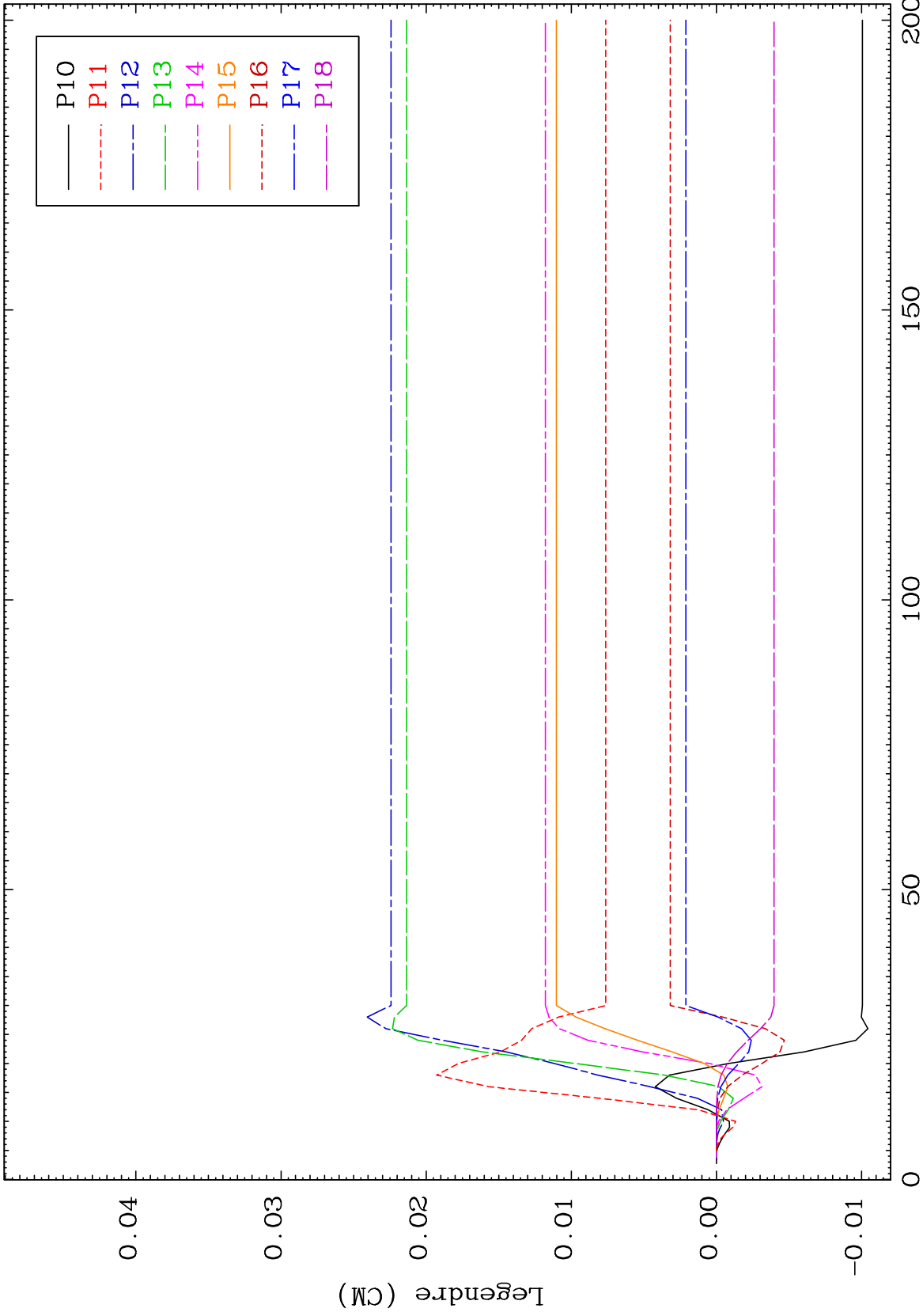
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



137

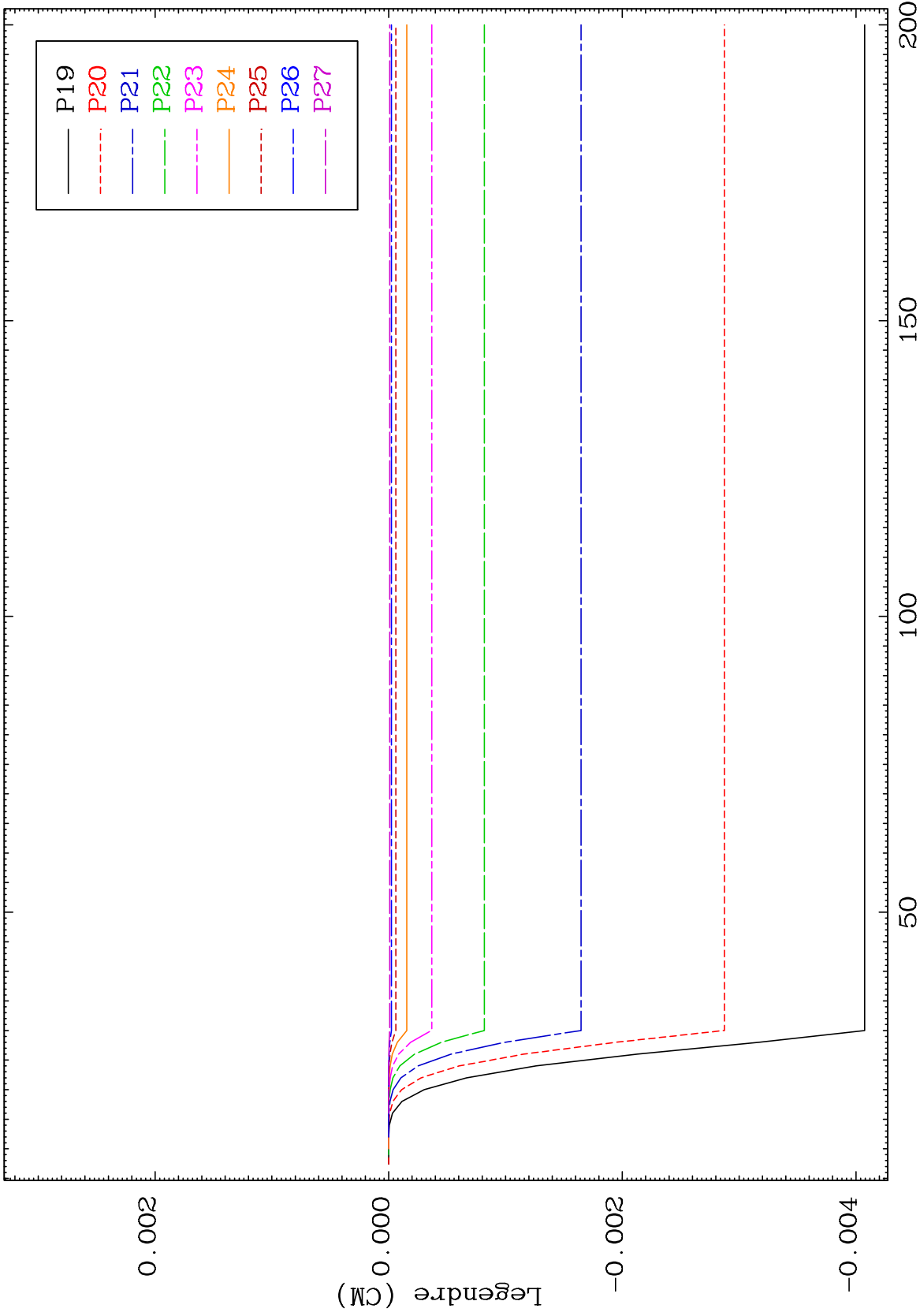
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



138

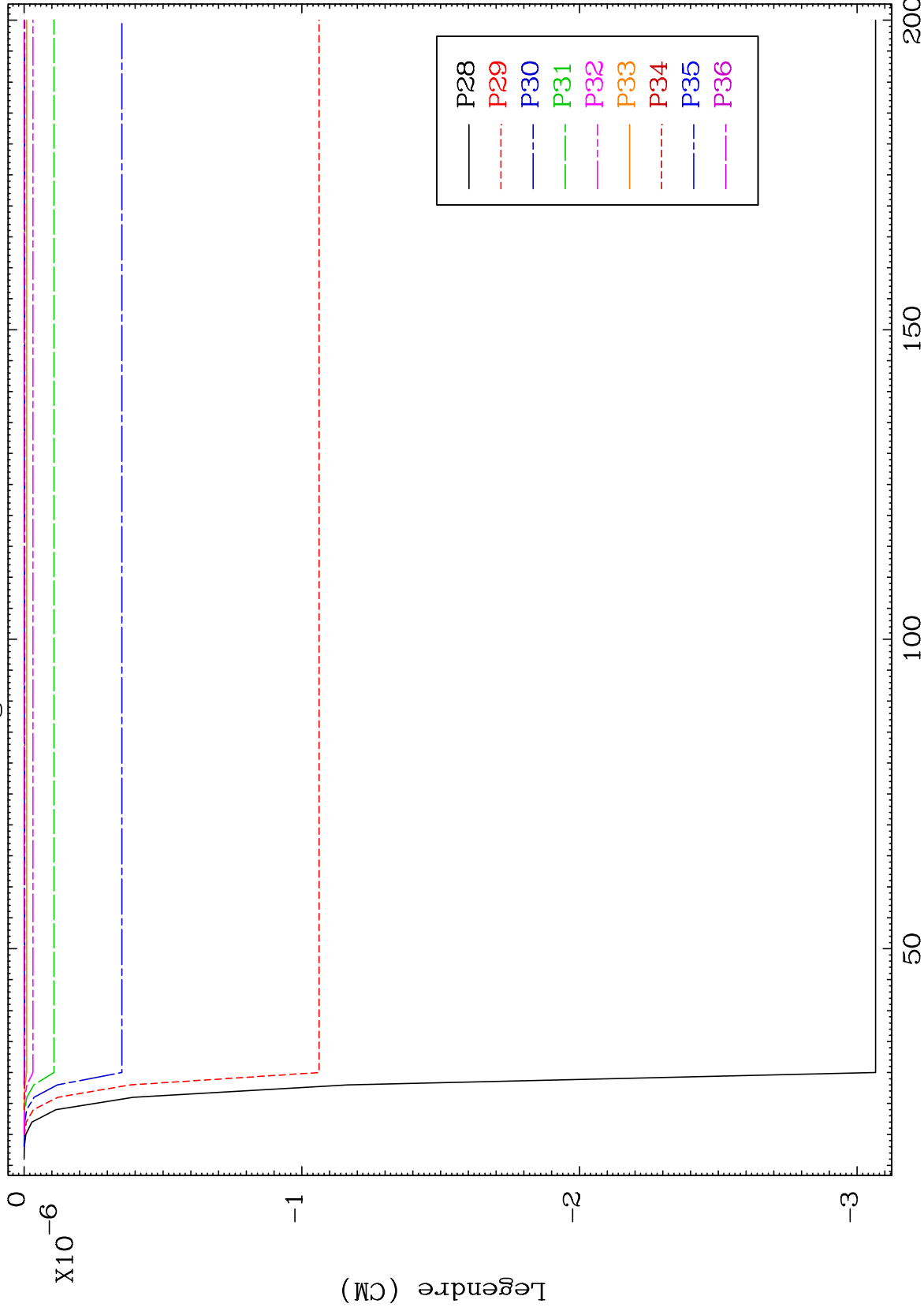
Incident Energy (MeV)

58-Ce-139

MAT 5834

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

58-Ce-139



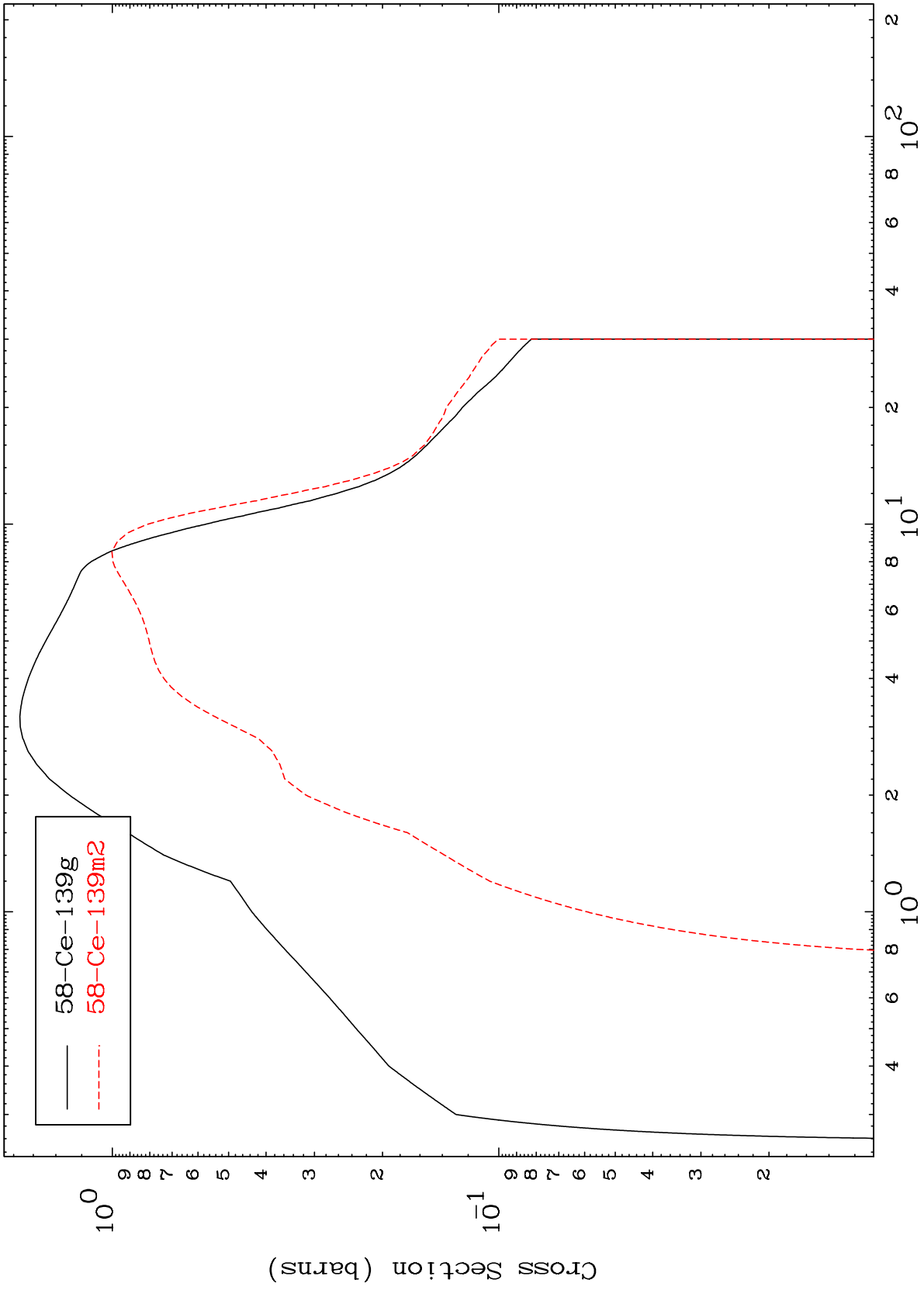
139

58-Ce-139

MAT 5834

Inelastic Radionuclide Production Cross Section

58-Ce-139



140

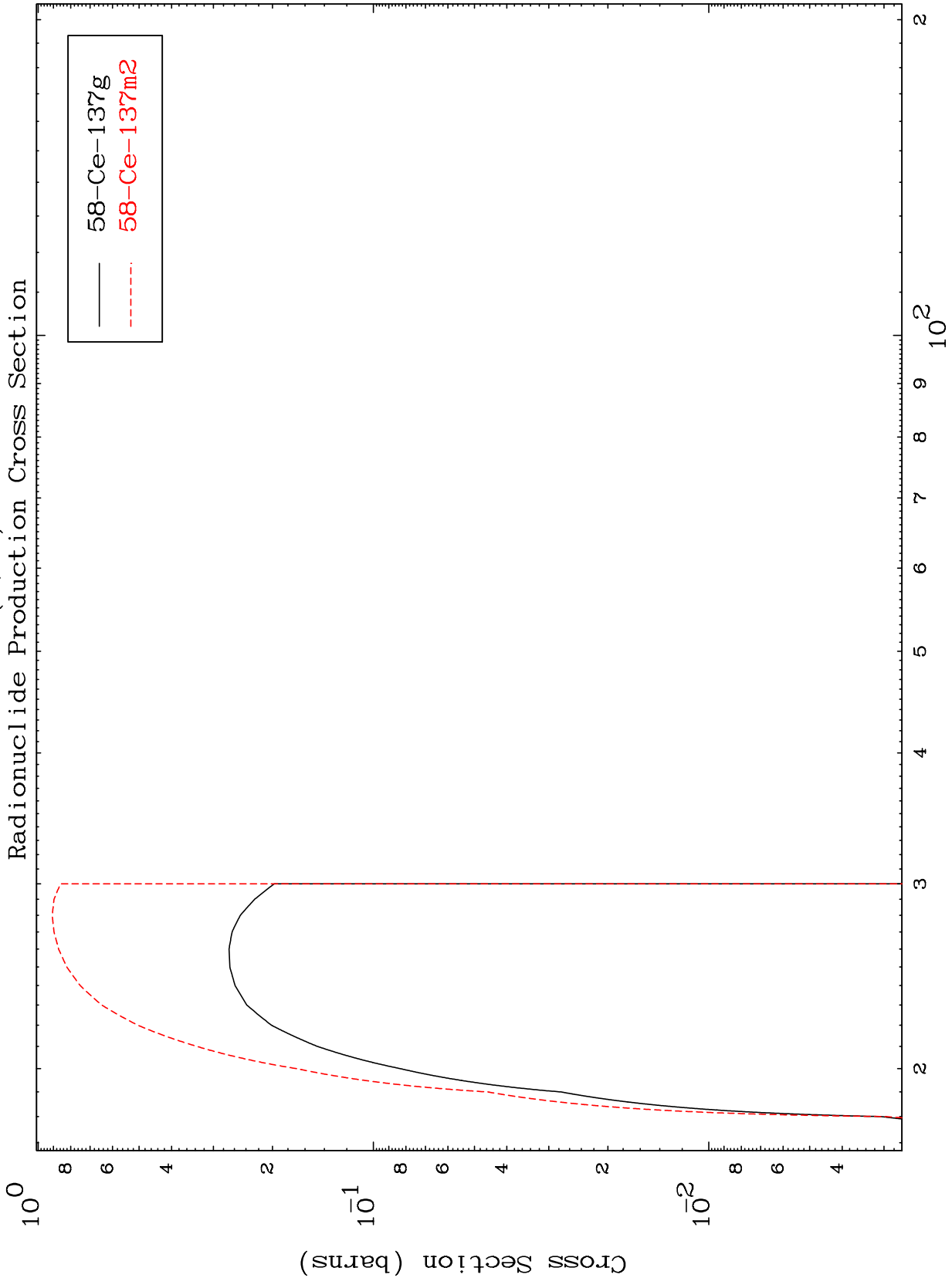
Incident Energy (MeV)

58-Ce-139

MAT 5834

(n,3n)

58-Ce-139



141

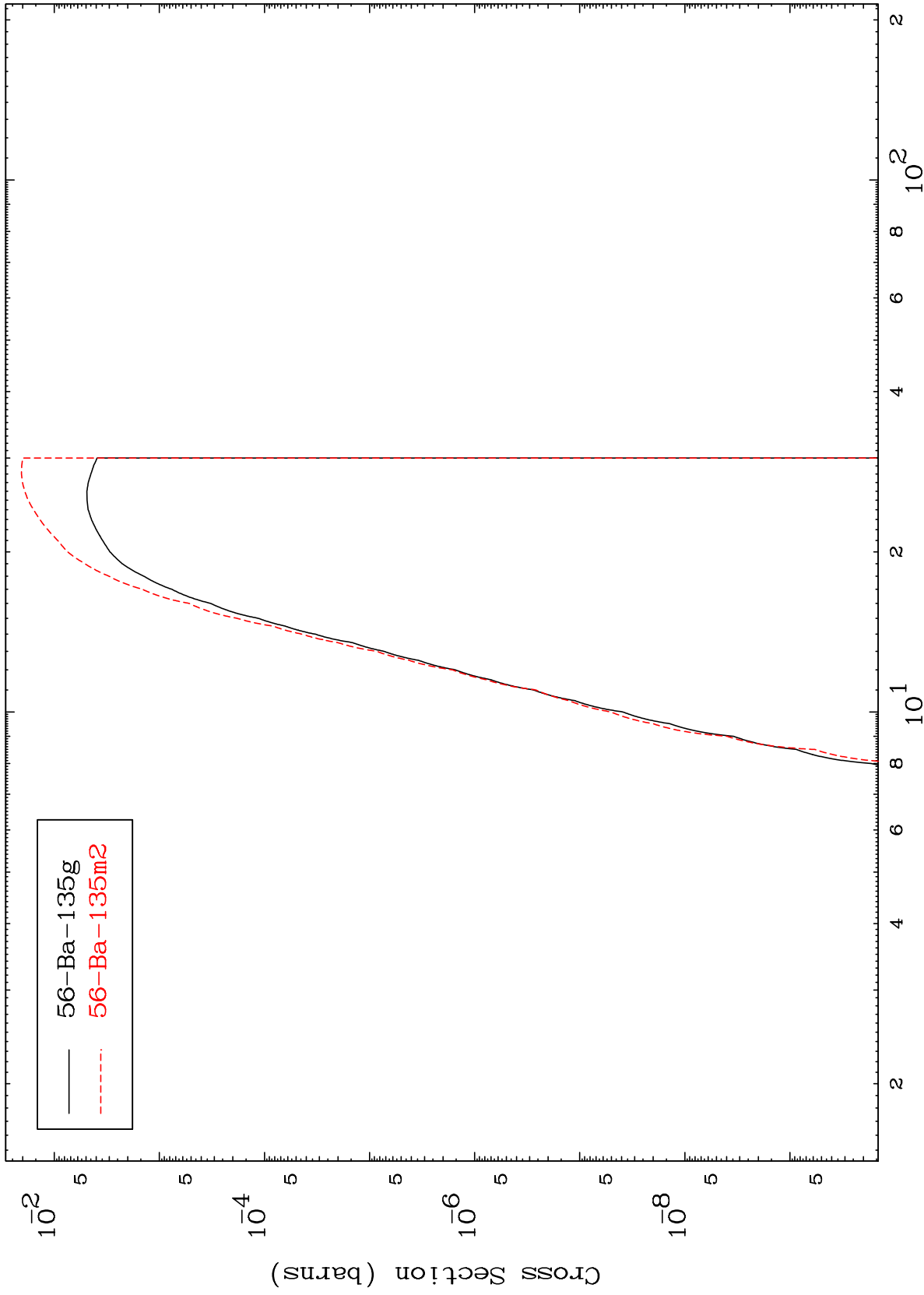
58-Ce-139

MAT 5834

(n,n') α

58-Ce-139

Radionuclide Production Cross Section



56-Ba-135g
56-Ba-135m2

142

Incident Energy (MeV)

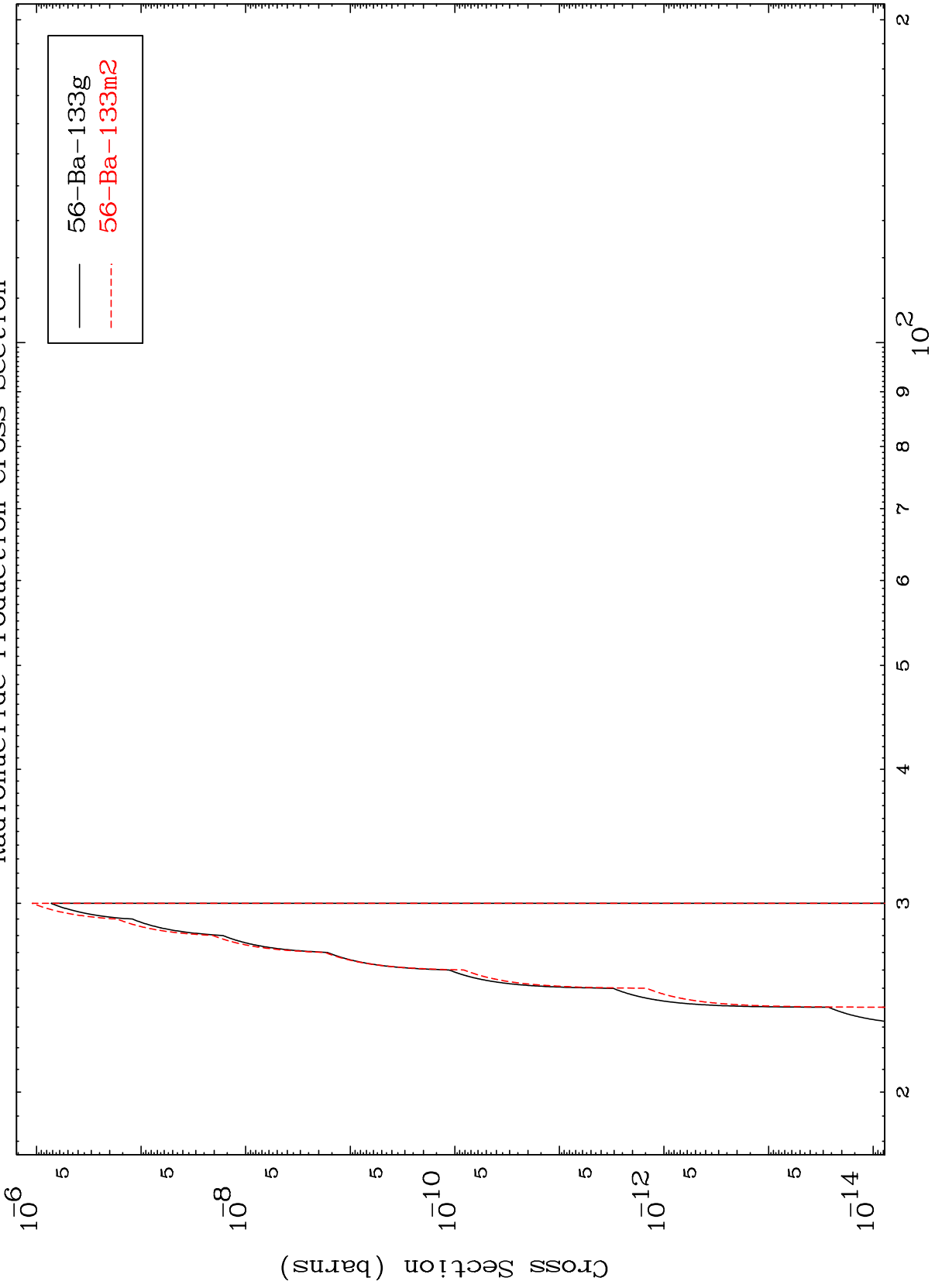
58-Ce-139

MAT 5834

(n,3n) α

58-Ce-139

Radionuclide Production Cross Section



143

Incident Energy (MeV)

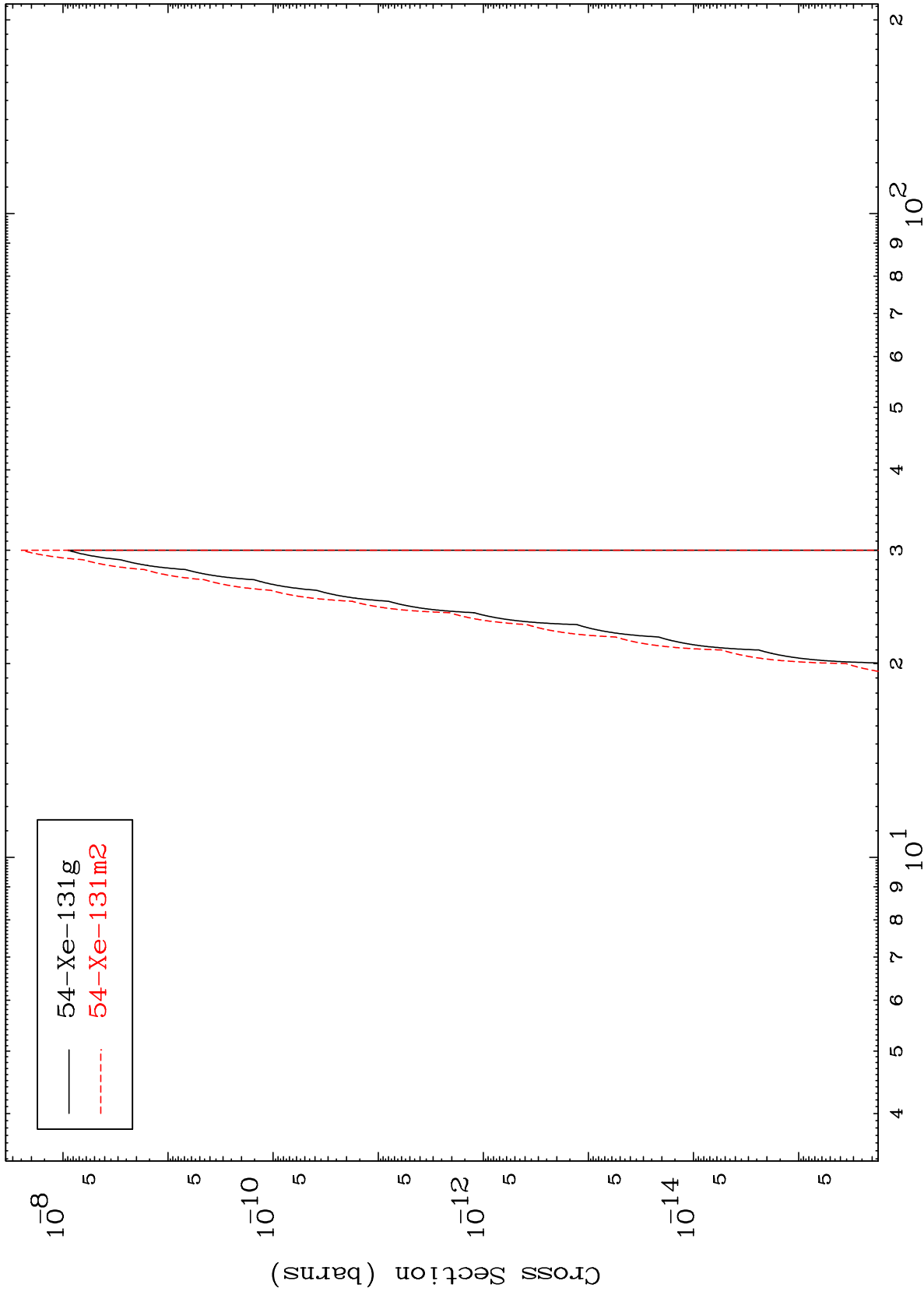
58-Ce-139

MAT 5834

(n,n') 2 α

58-Ce-139

Radionuclide Production Cross Section



144

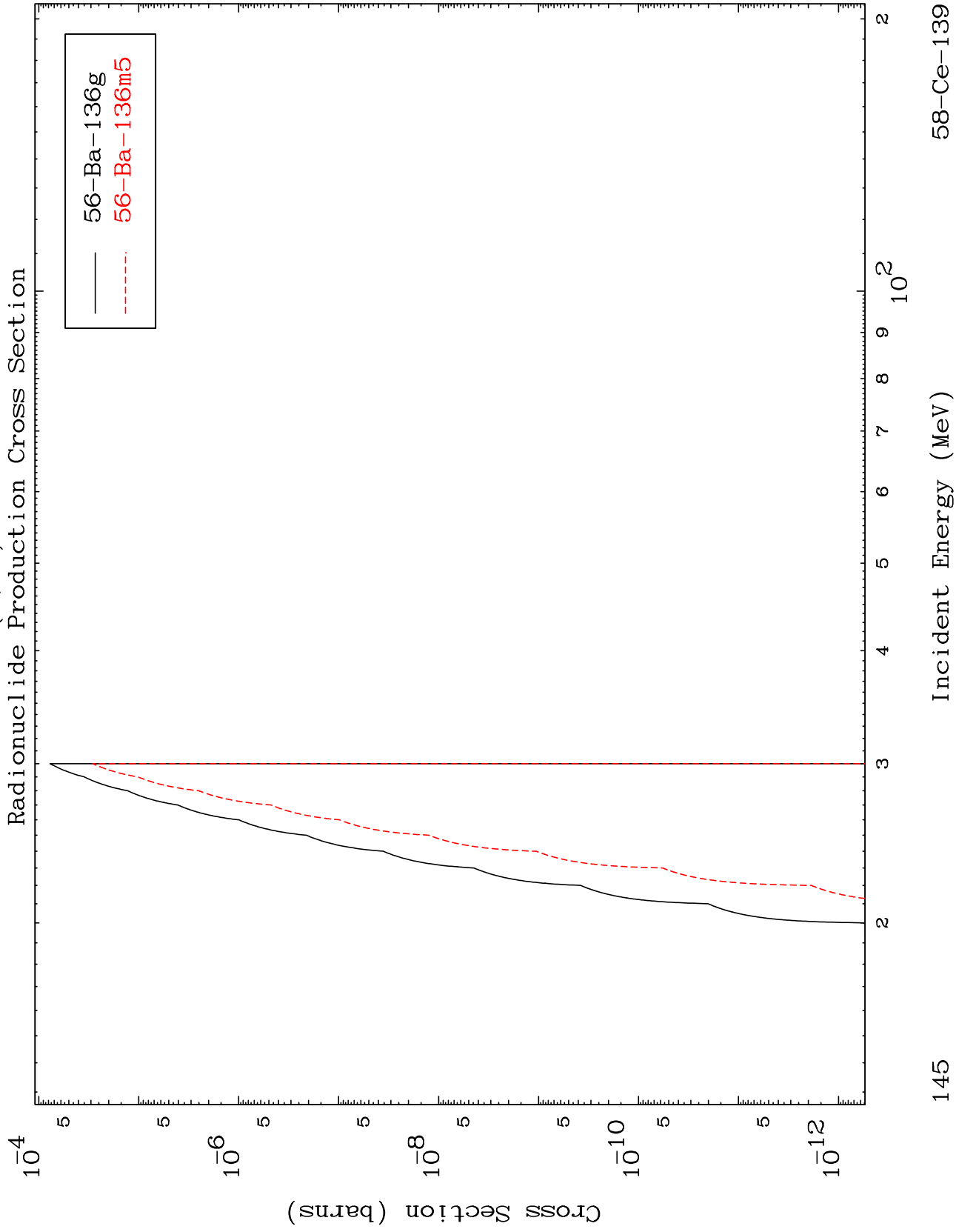
Incident Energy (MeV)

58-Ce-139

MAT 5834

(n, n') He-3

58-Ce-139



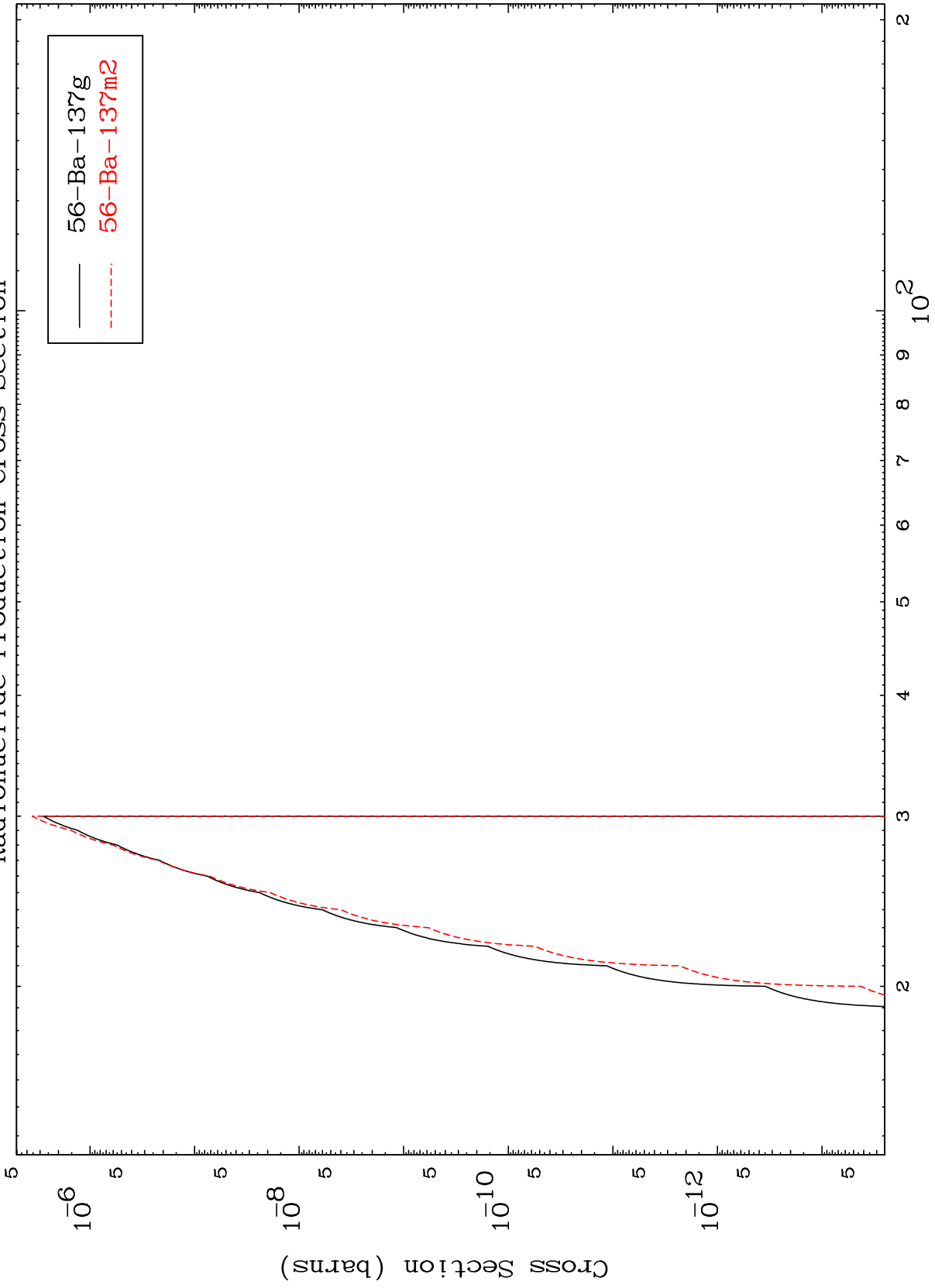
145

MAT 5834

(n,2n) p

58-Ce-139

Radionuclide Production Cross Section



146

Incident Energy (MeV)

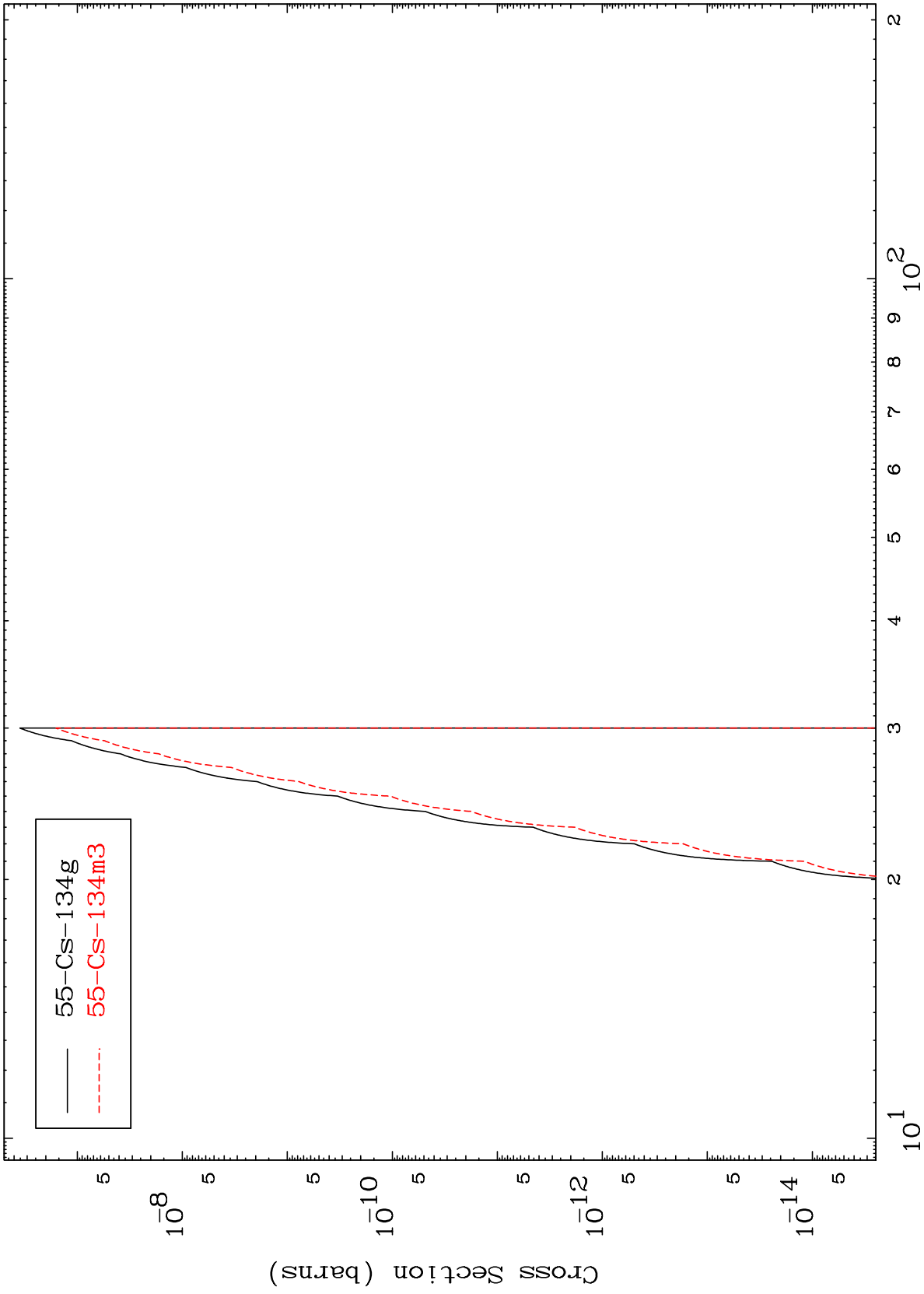
58-Ce-139

MAT 5834

(n,n') p α

58-Ce-139

Radionuclide Production Cross Section



147

Incident Energy (MeV)

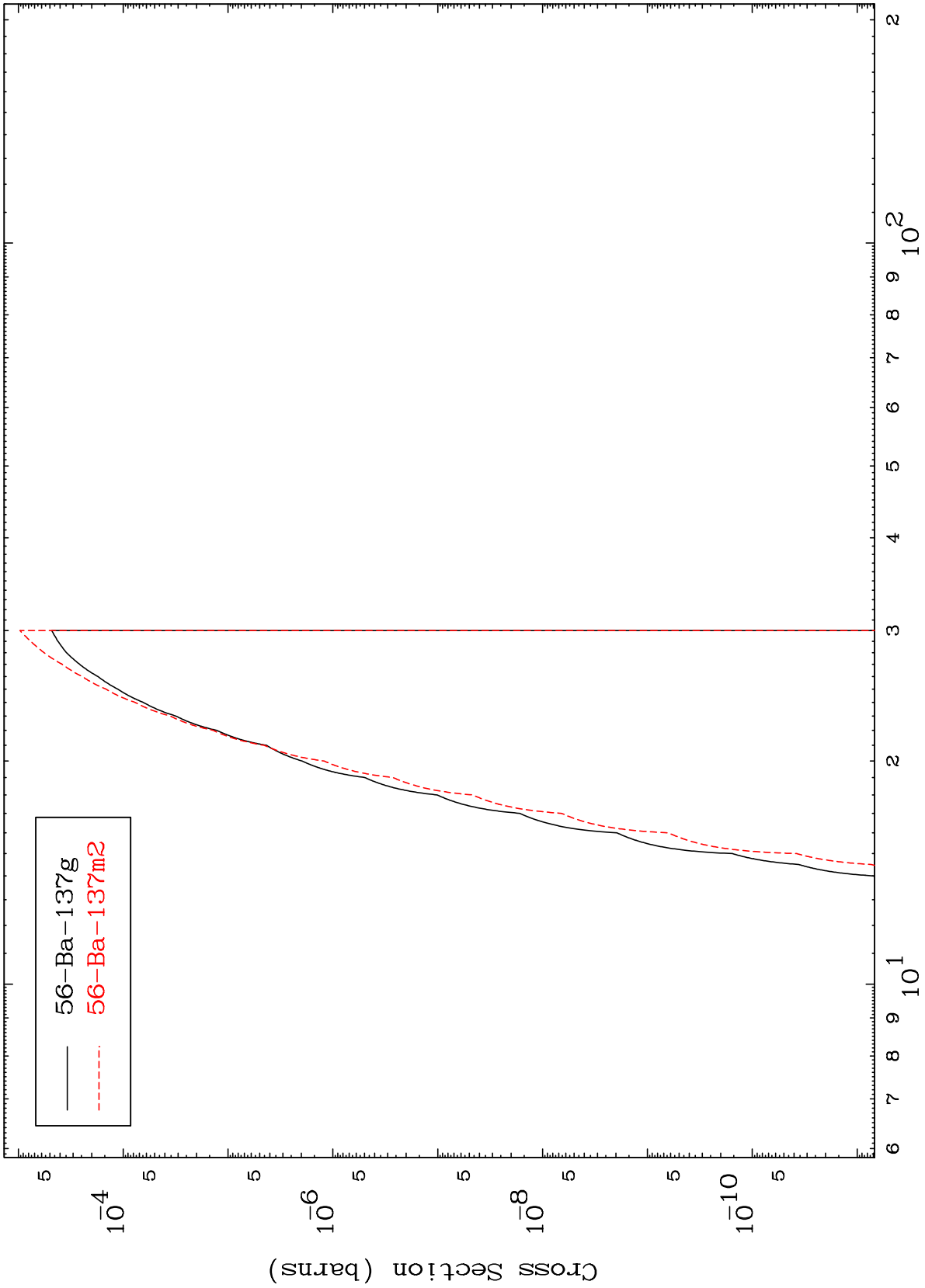
58-Ce-139

MAT 5834

(n,He-3)

58-Ce-139

Radionuclide Production Cross Section



148

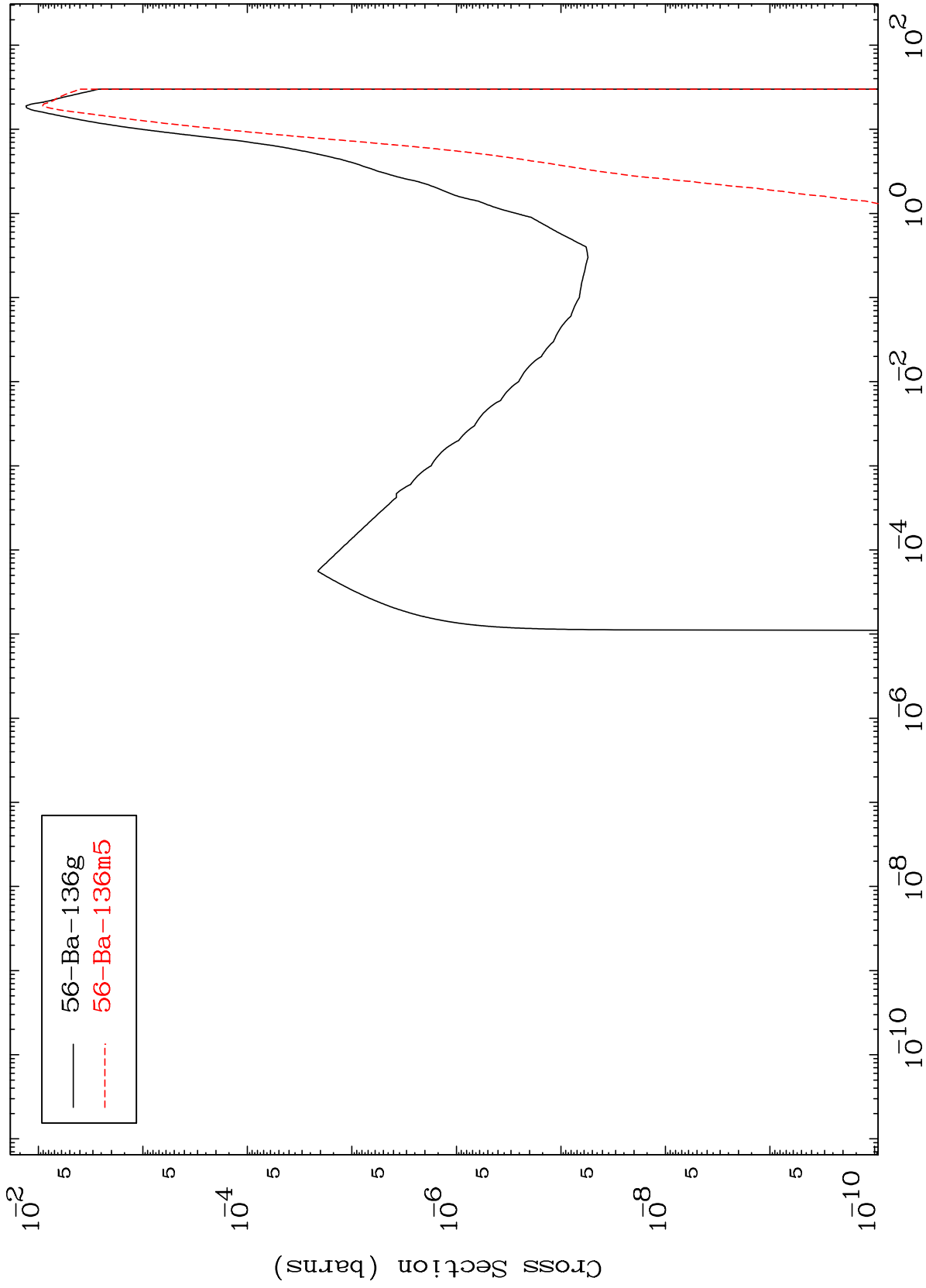
58-Ce-139

MAT 5834

(n, α)

58-Ce-139

Radionuclide Production Cross Section



149

Incident Energy (MeV)

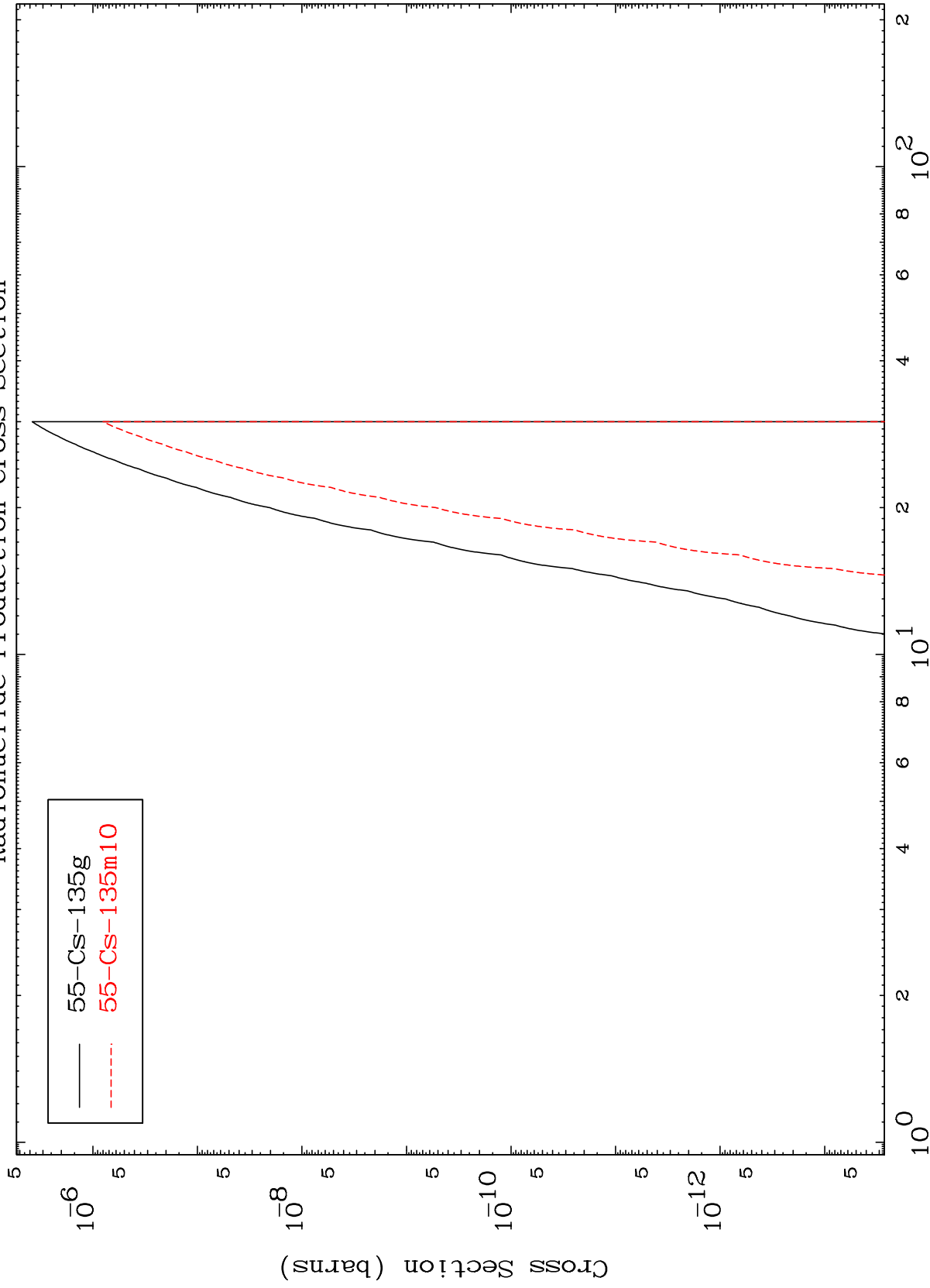
58-Ce-139

MAT 5834

(n,p) α

58-Ce-139

Radionuclide Production Cross Section



150

Incident Energy (MeV)

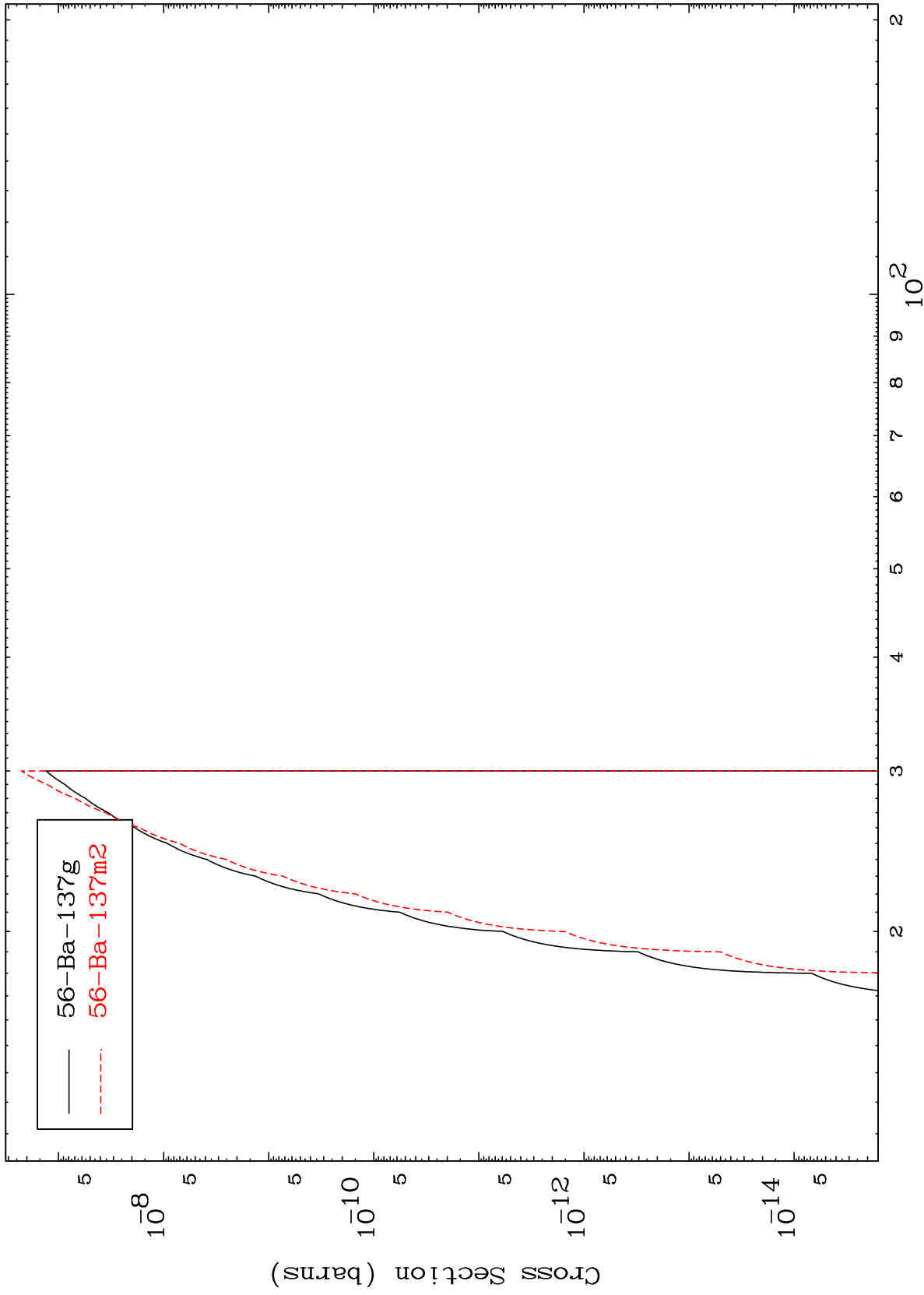
58-Ce-139

MAT 5834

(n,p) d

58-Ce-139

Radionuclide Production Cross Section



151

Incident Energy (MeV)

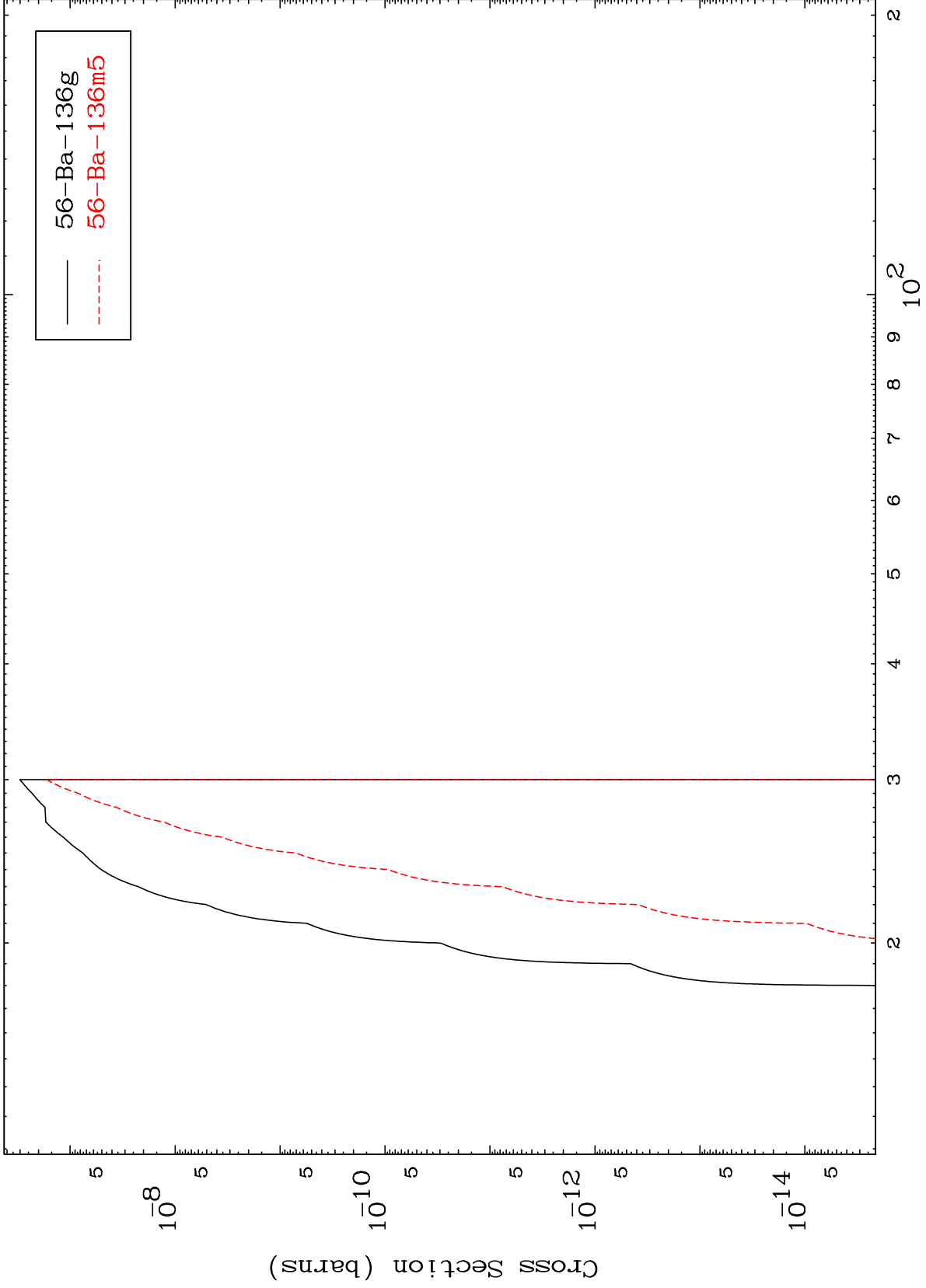
58-Ce-139

MAT 5834

(n,p) t

58-Ce-139

Radionuclide Production Cross Section



152

Incident Energy (MeV)

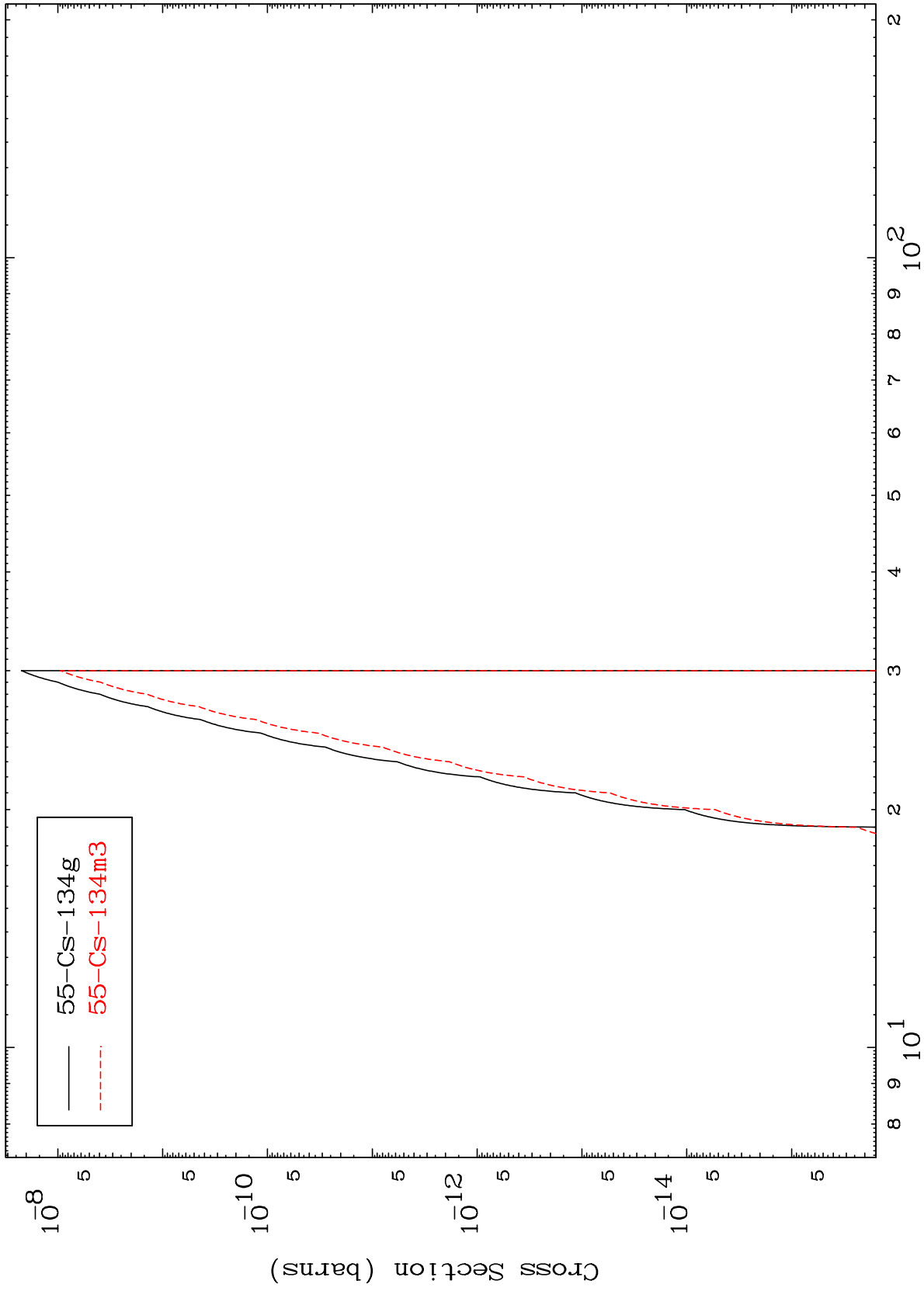
58-Ce-139

MAT 5834

(n,d) α

58-Ce-139

Radionuclide Production Cross Section



153

Incident Energy (MeV)

58-Ce-139