

Program EVALPLOT
(Version 2018-1)

by

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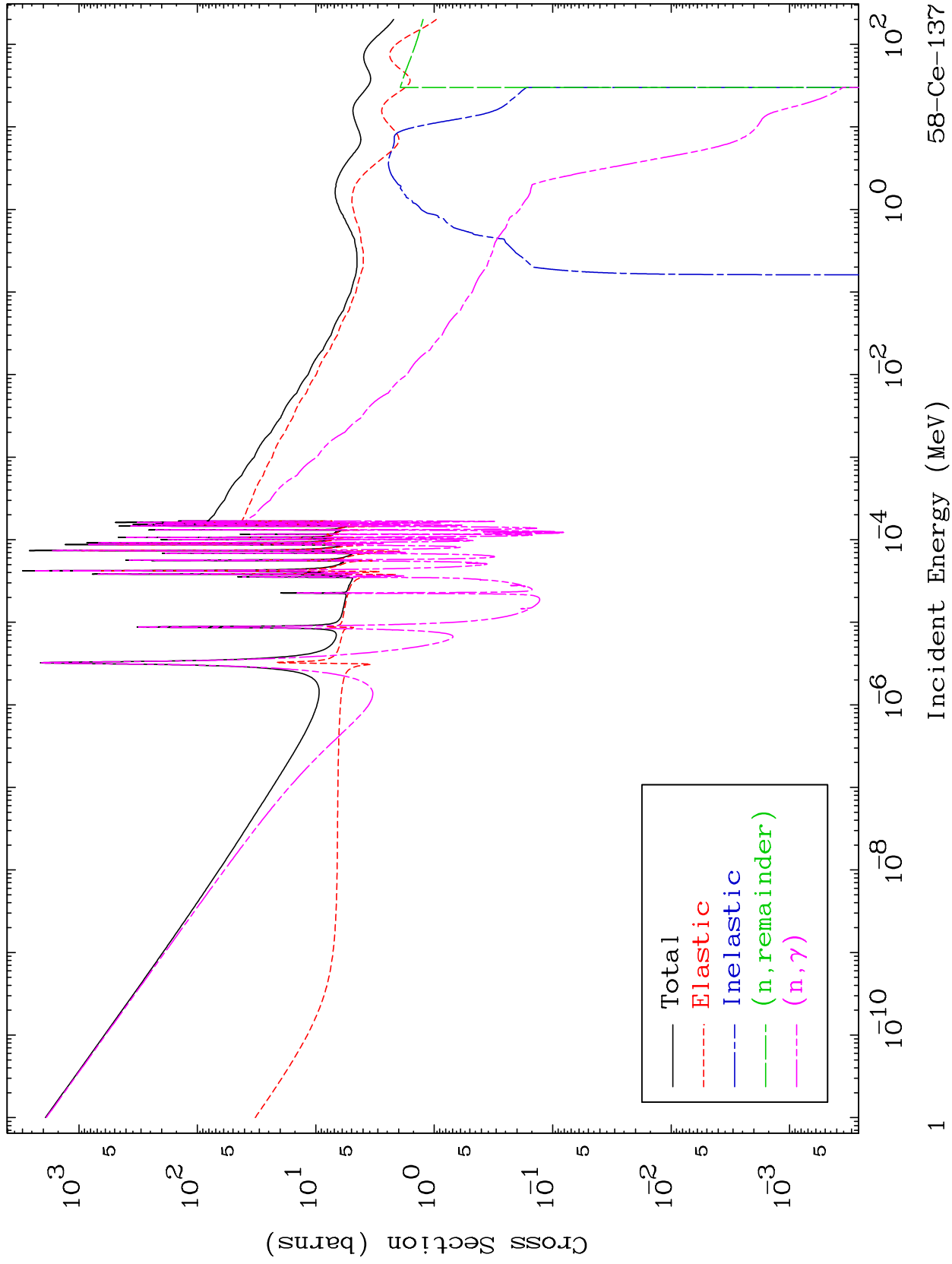
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5828

Major
293 Kelvin Cross Sections

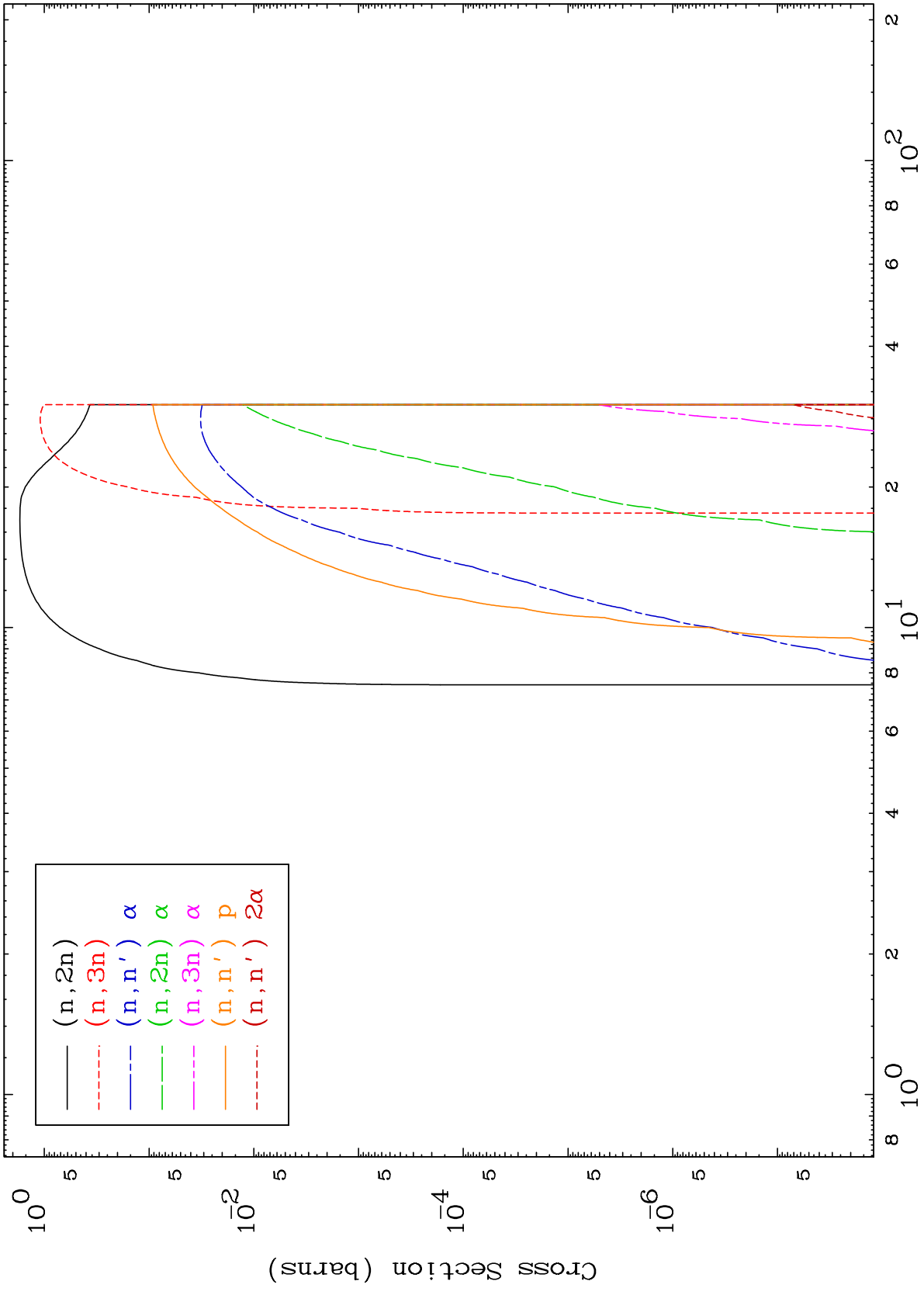
58-Ce-137



MAT 5828

Neutron Production
293 Kelvin Cross Sections

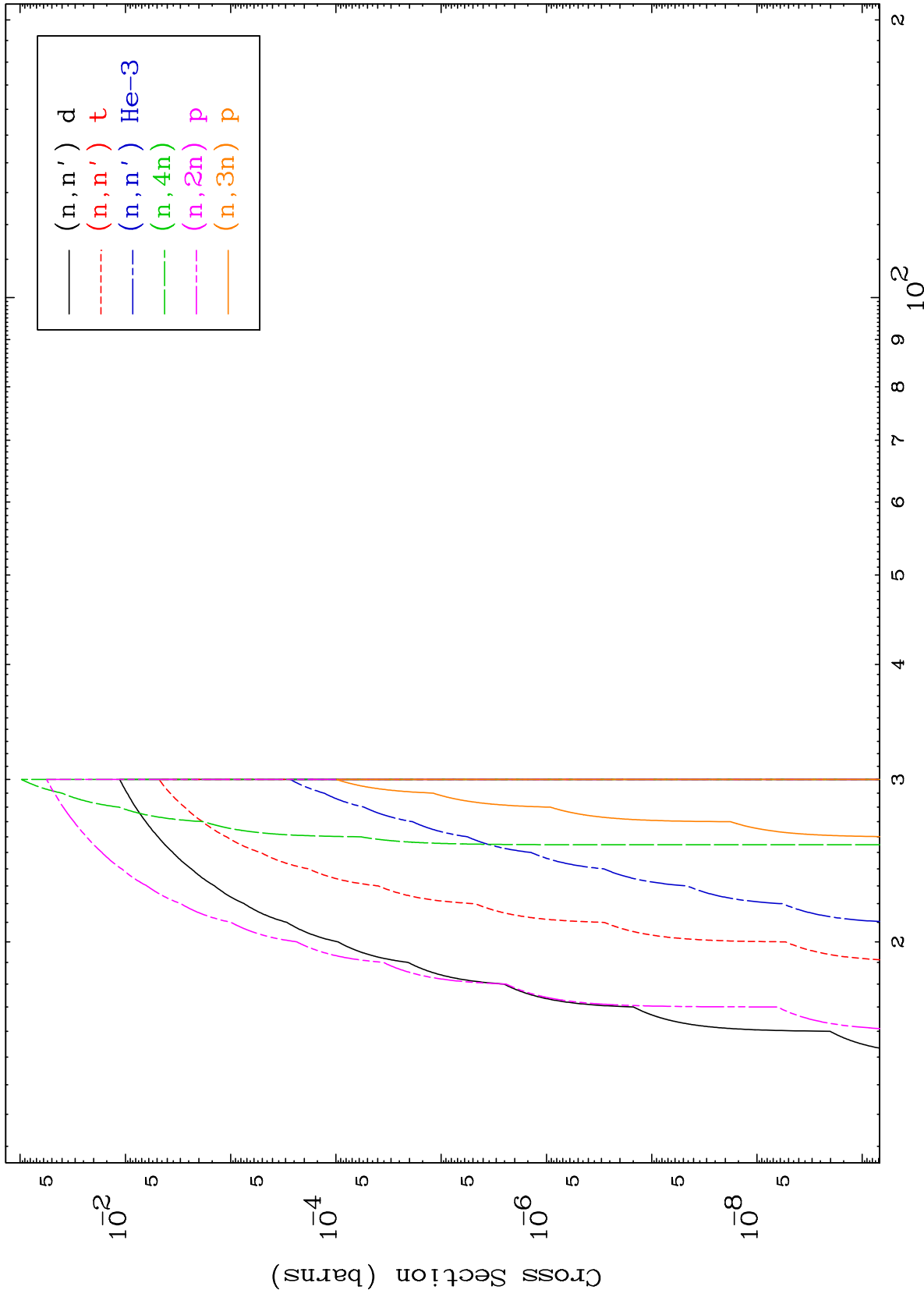
58-Ce-137



58-Ce-137

Incident Energy (MeV)

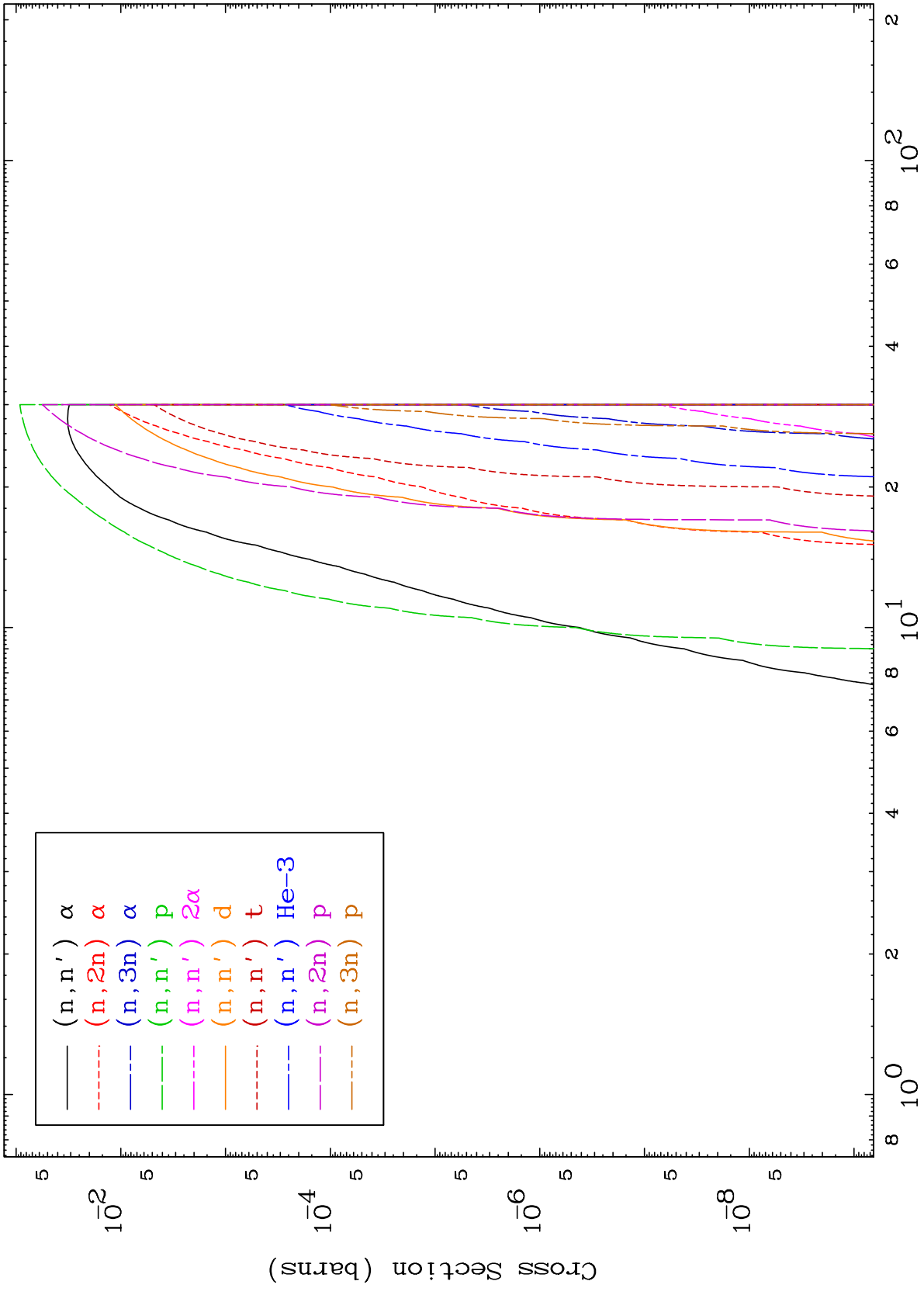
2



MAT 5828

293 Kelvin Cross Sections

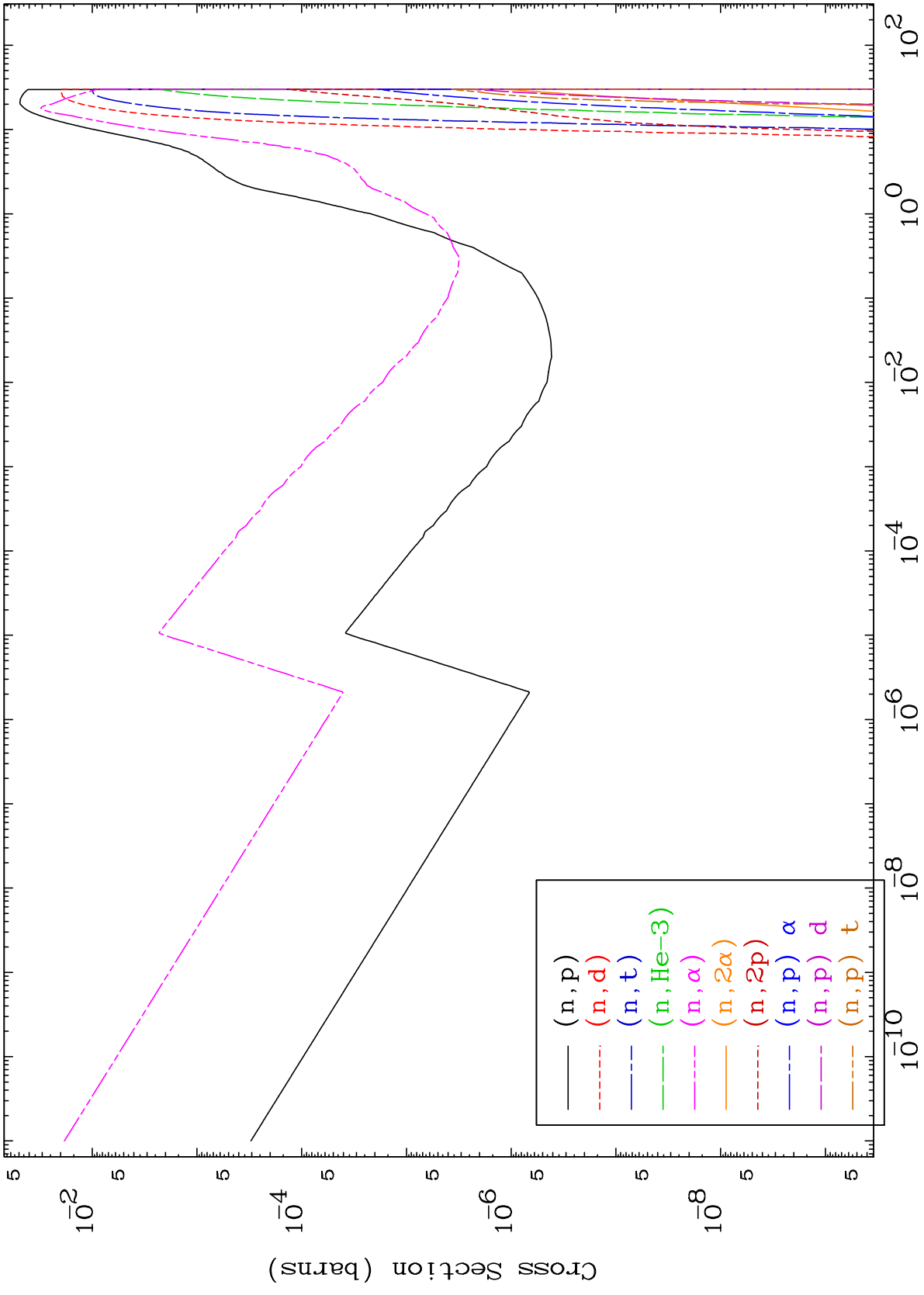
58-Ce-137



MAT 5828

Charged Particle
293 Kelvin Cross Sections

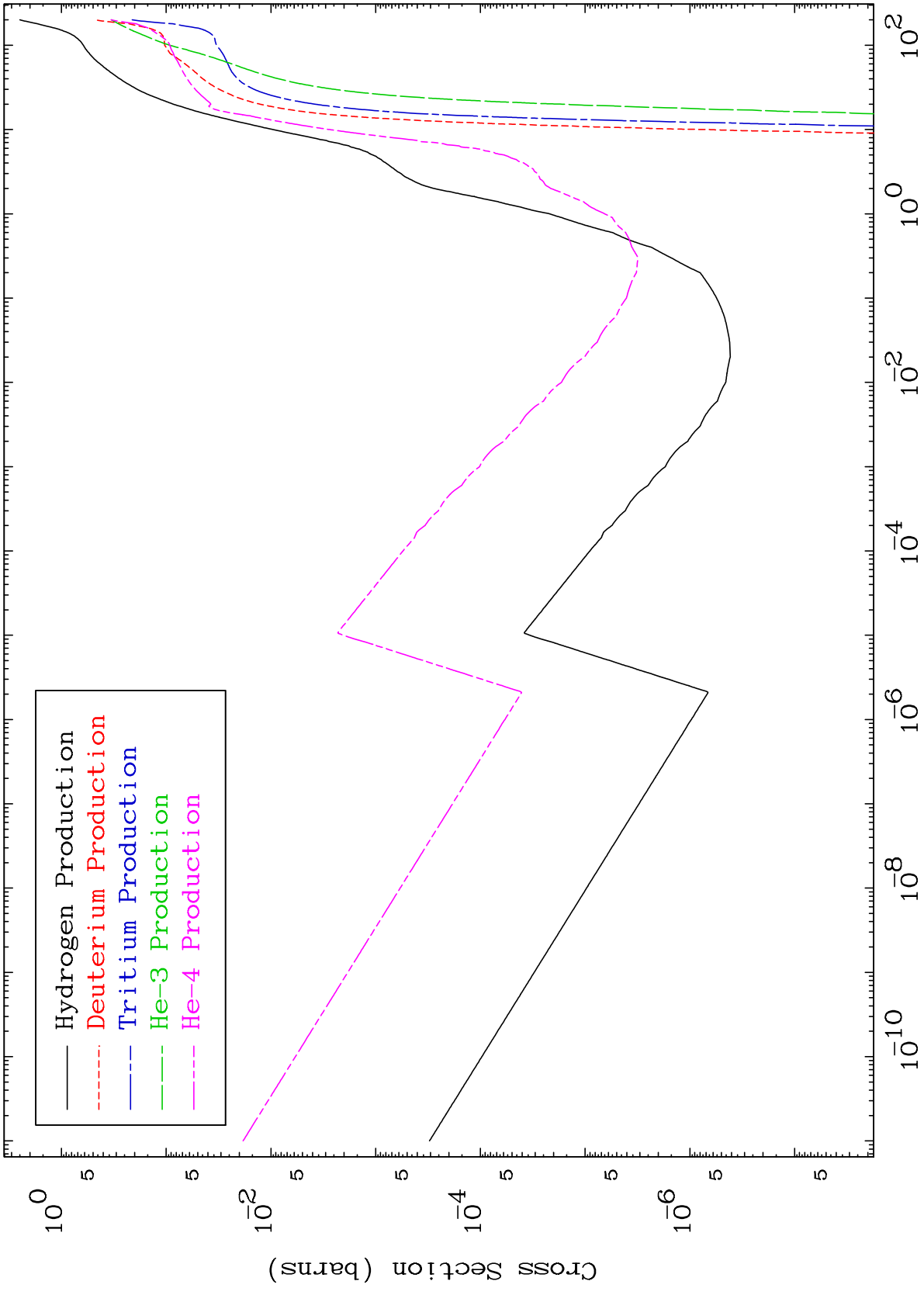
58-Ce-137



MAT 5828

Particle Production
293 Kelvin Cross Sections

58-Ce-137



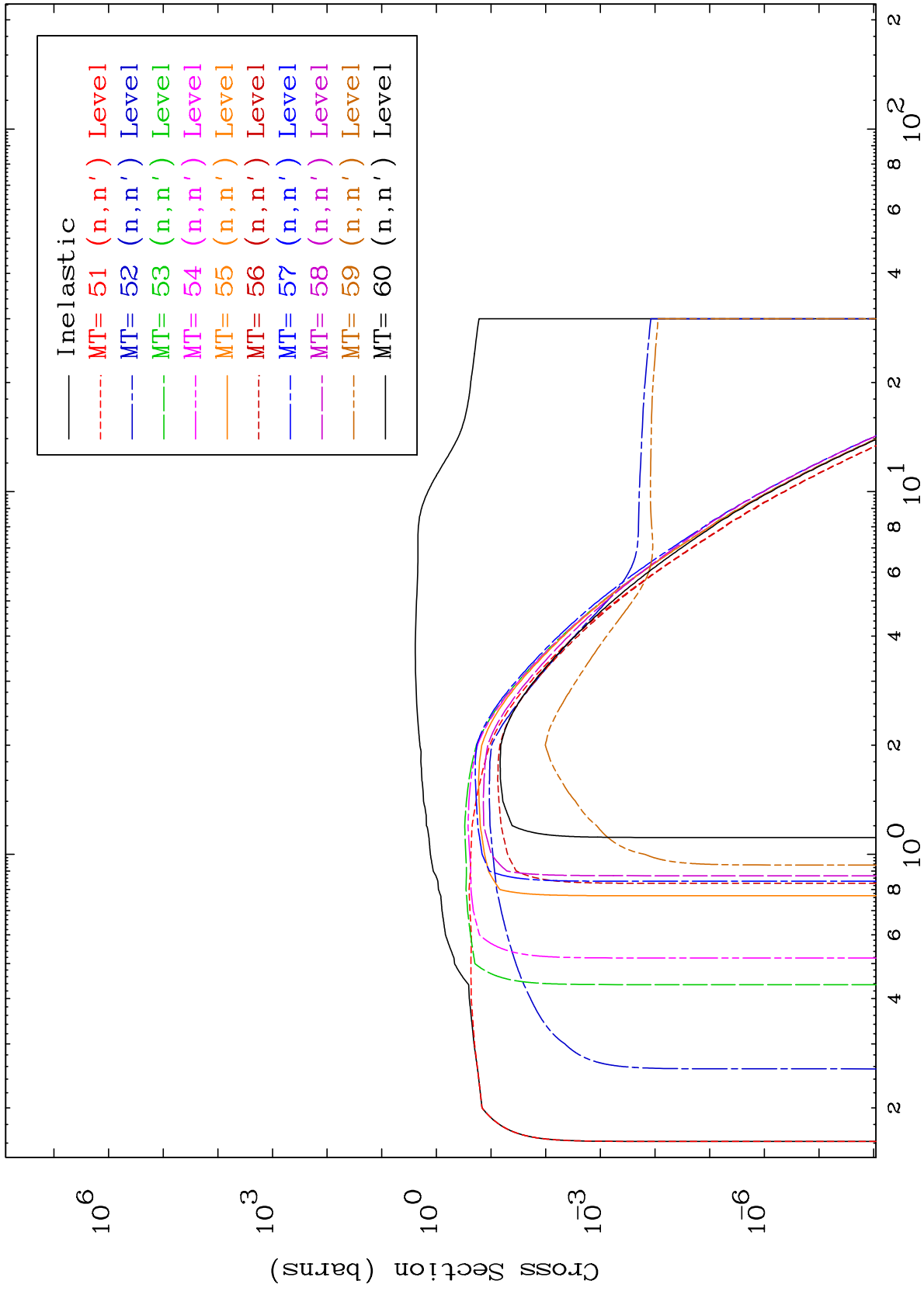
58-Ce-137

MAT 5828

(n,n') Level

58-Ce-137

293 Kelvin Cross Sections



7

Incident Energy (MeV)

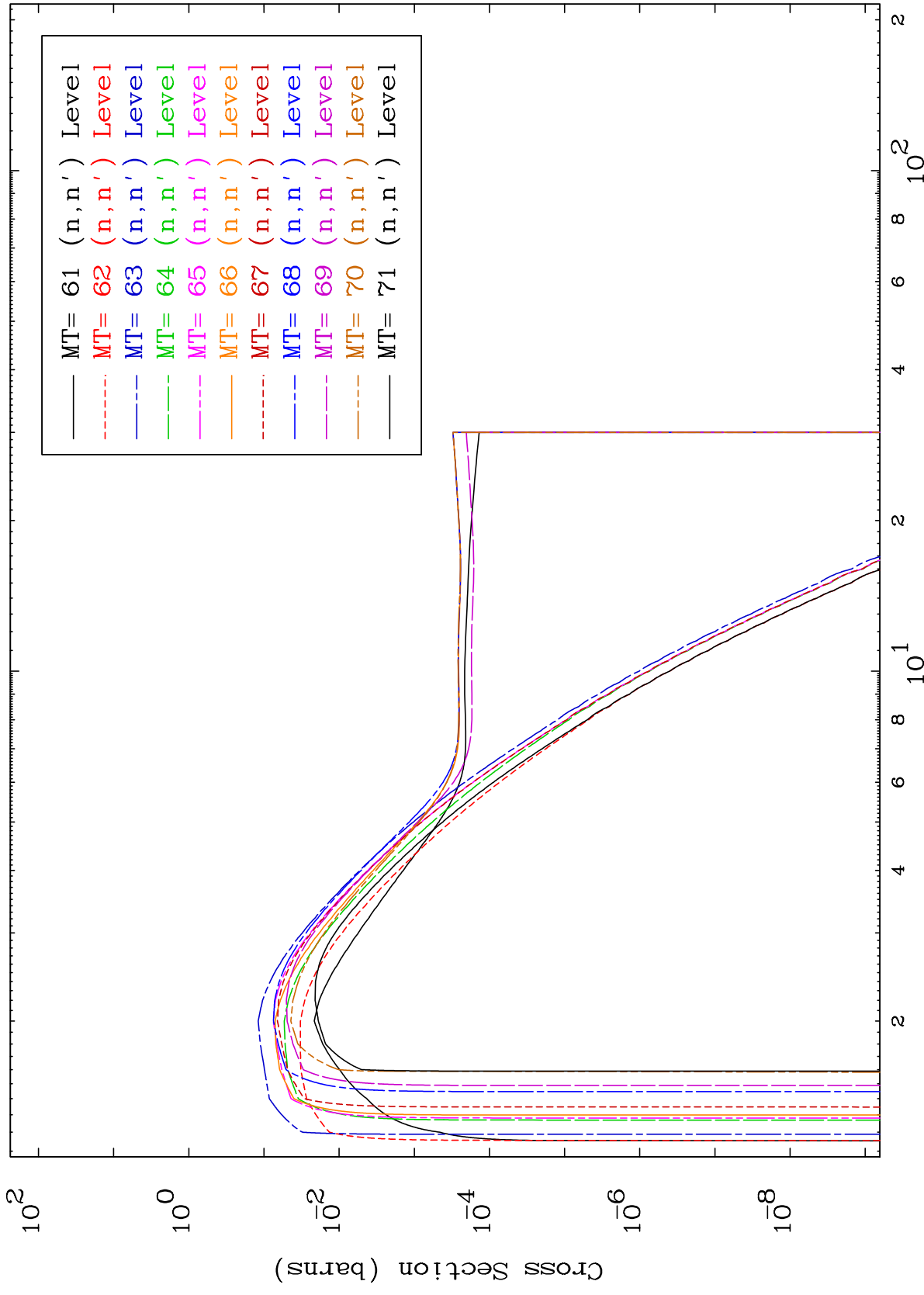
58-Ce-137

MAT 5828

(n,n') Level

58-Ce-137

293 Kelvin Cross Sections



8

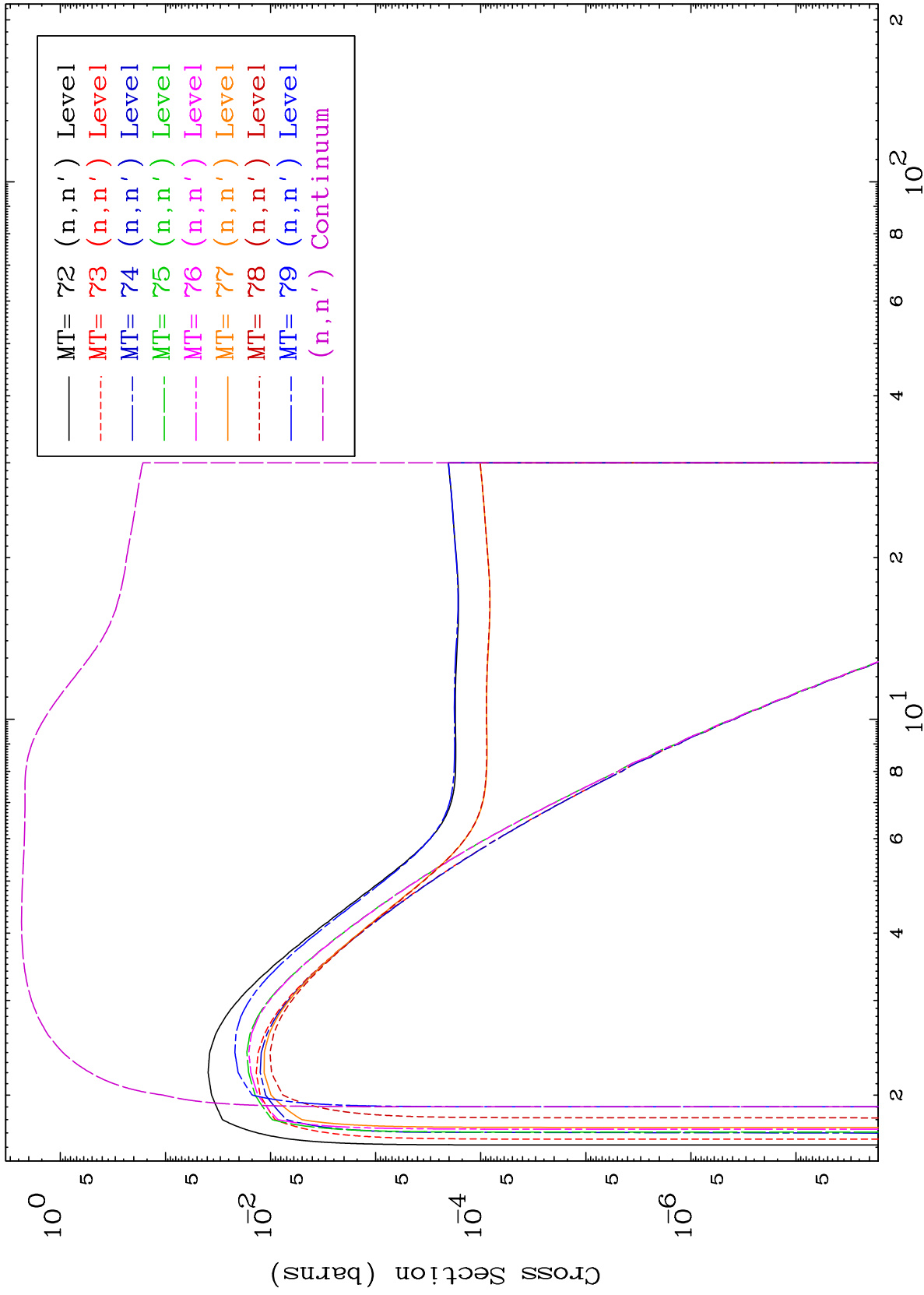
Incident Energy (MeV)

58-Ce-137

MAT 5828

(n,n') Level
293 Kelvin Cross Sections

58-Ce-137



9

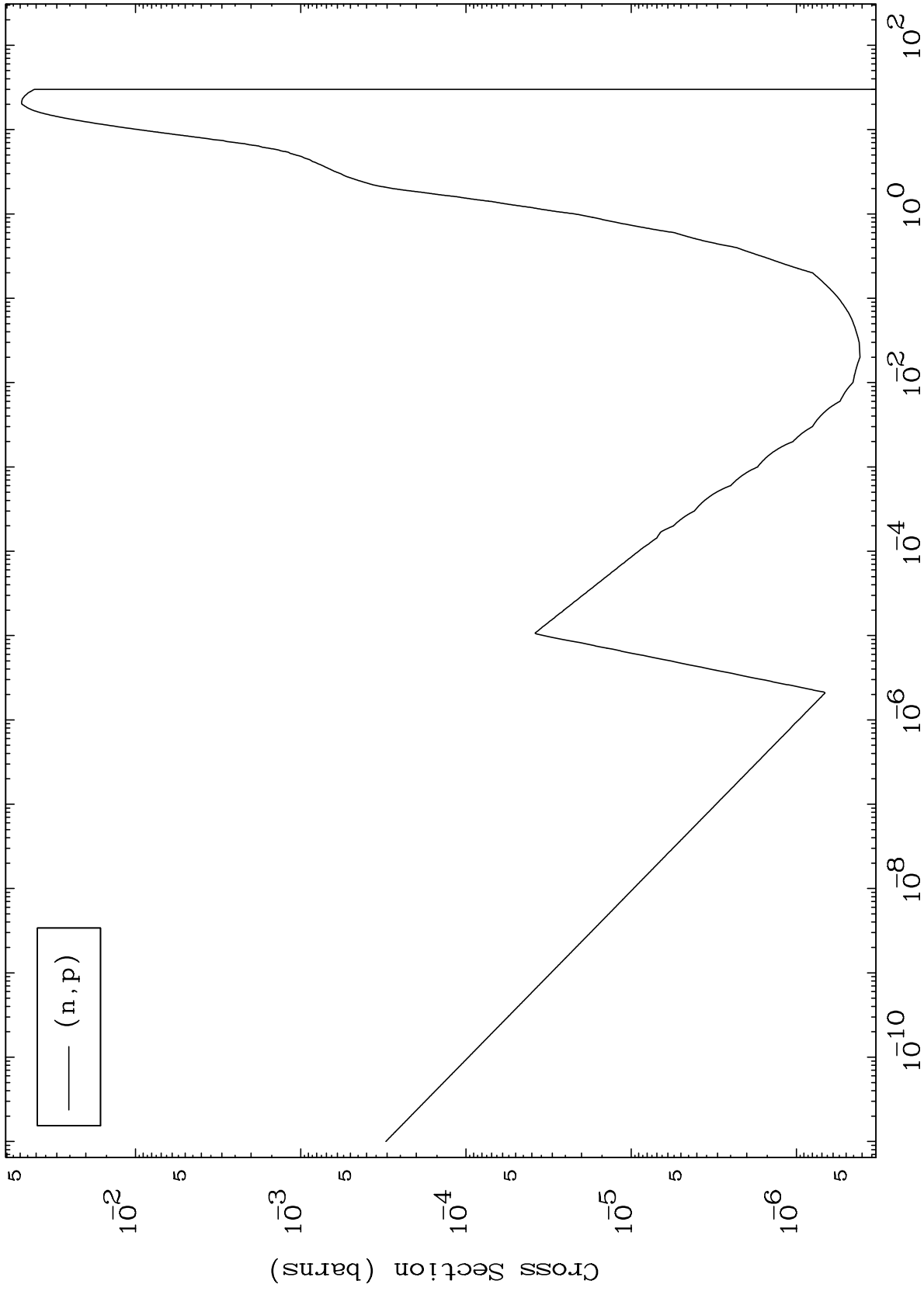
Incident Energy (MeV)

58-Ce-137

MAT 5828

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-137



10

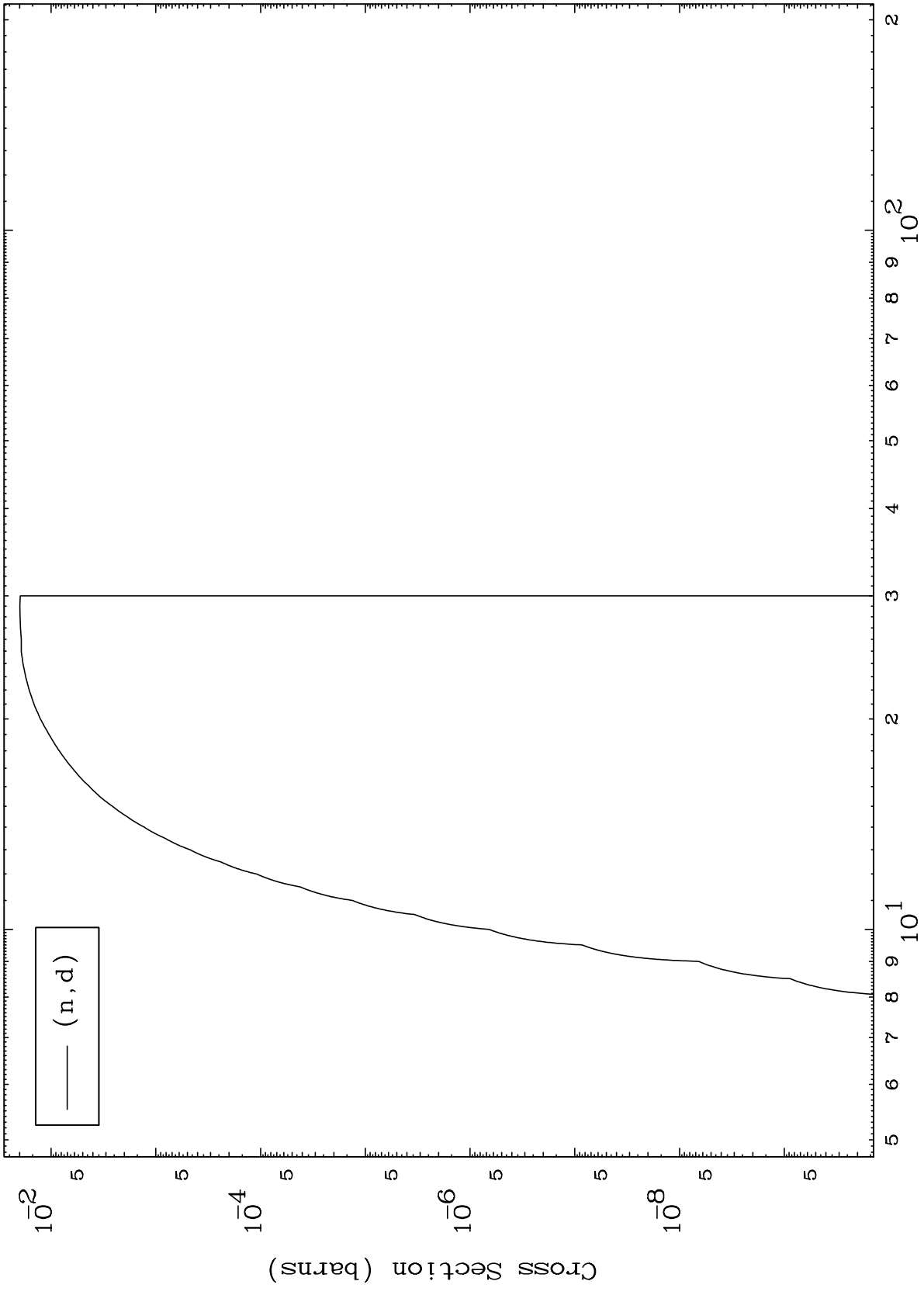
Incident Energy (MeV)

58-Ce-137

MAT 5828

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-137



11

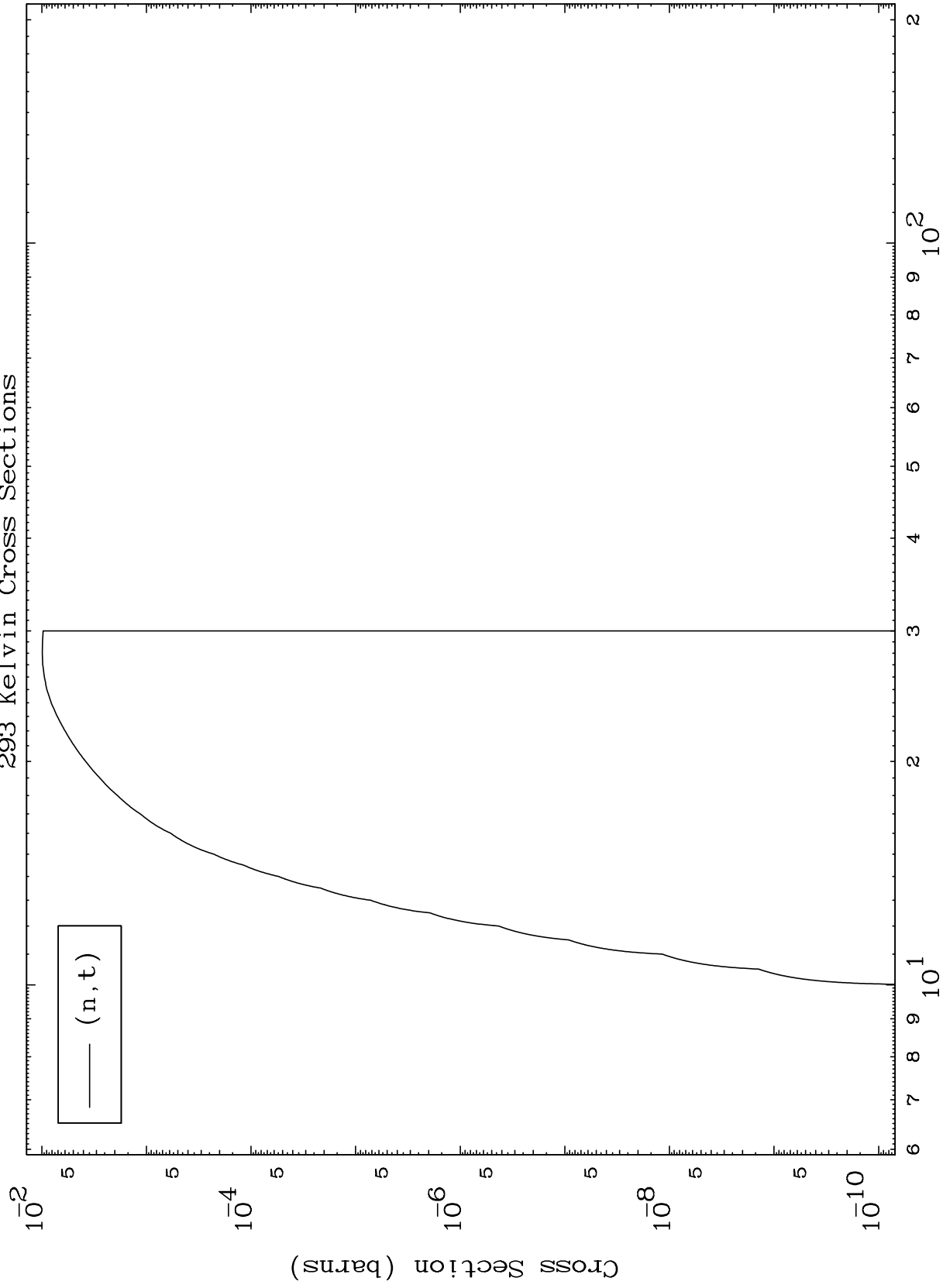
Incident Energy (MeV)

58-Ce-137

MAT 5828

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-137



12

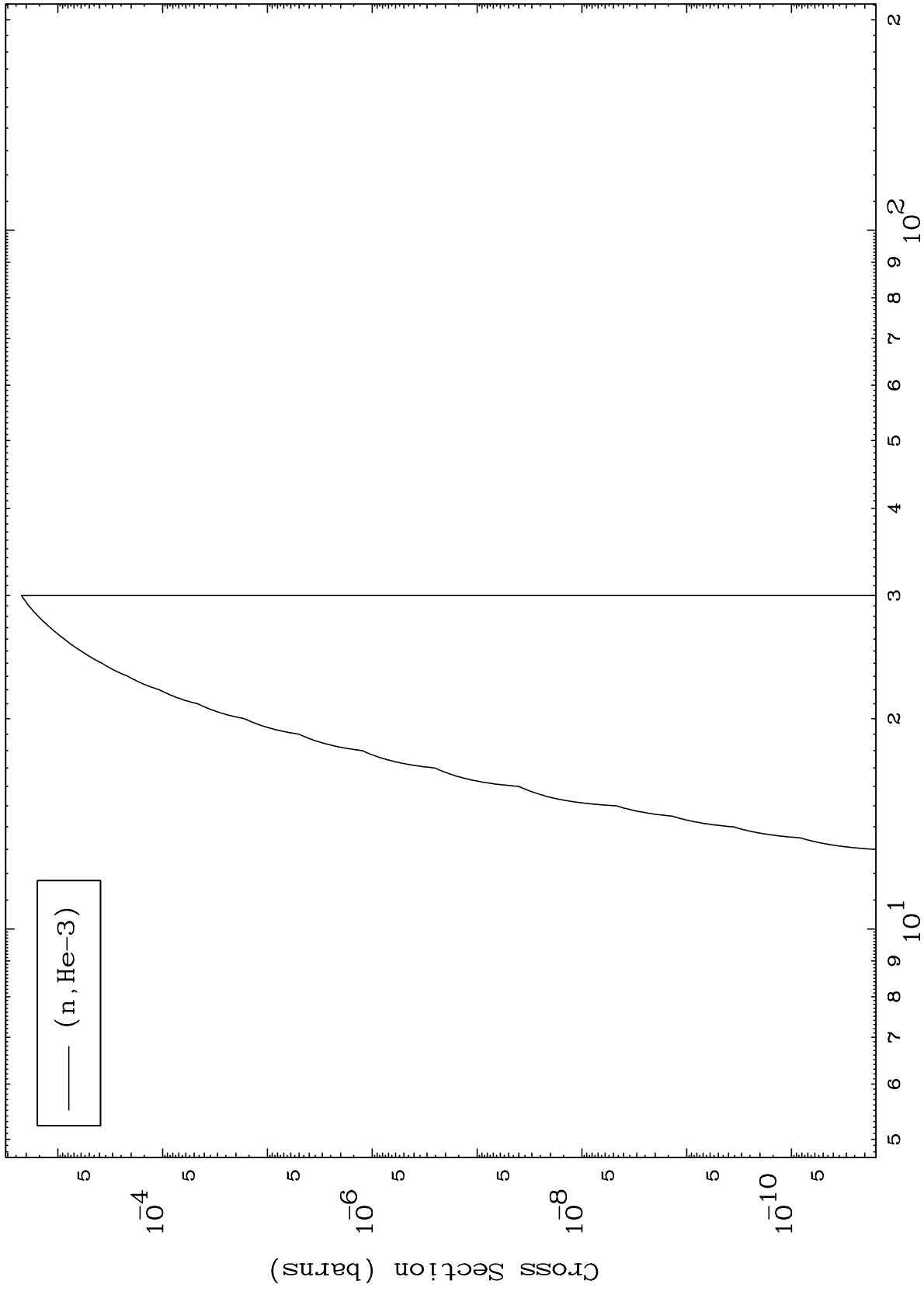
Incident Energy (MeV)

58-Ce-137

MAT 5828

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-137



13

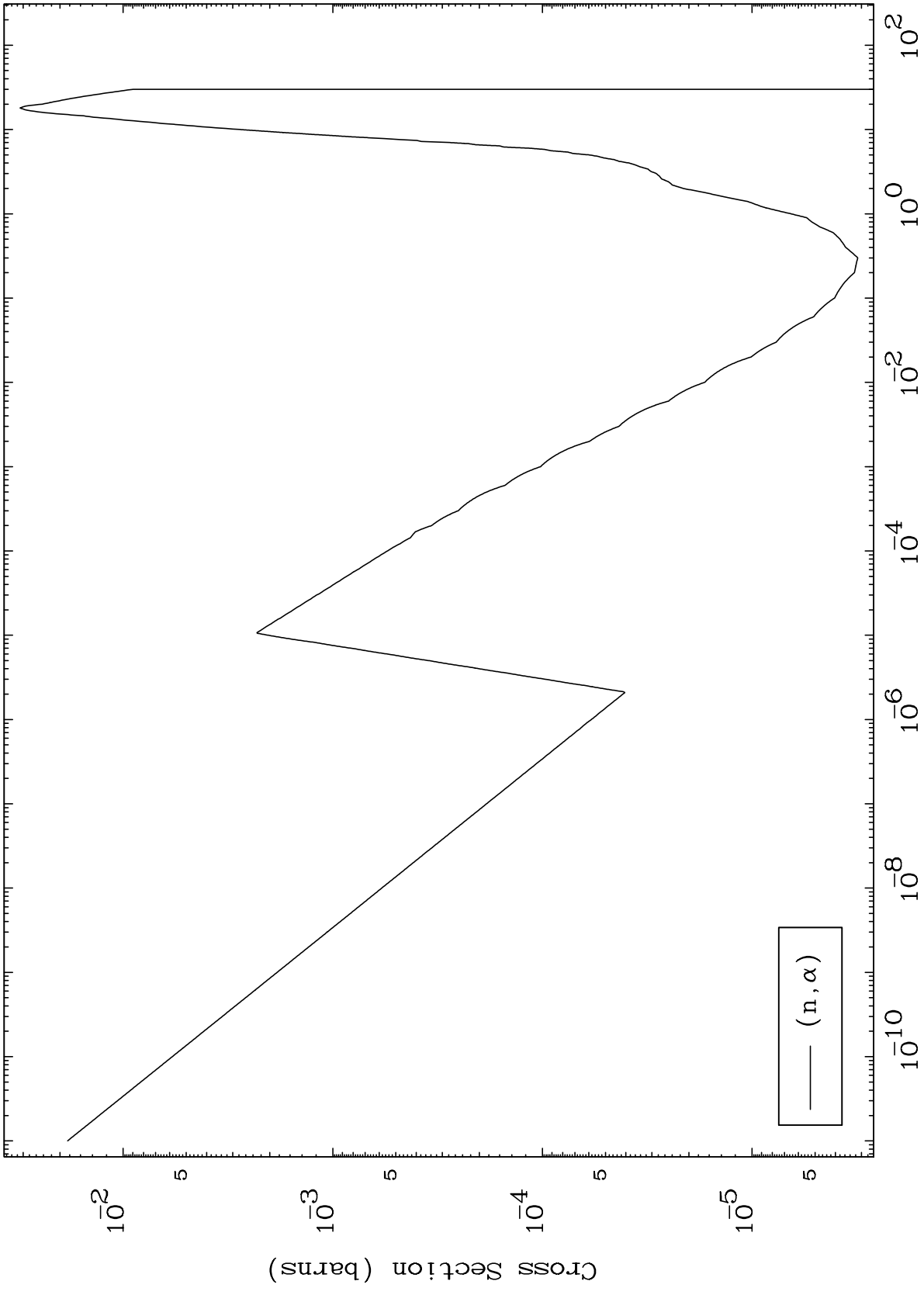
Incident Energy (MeV)

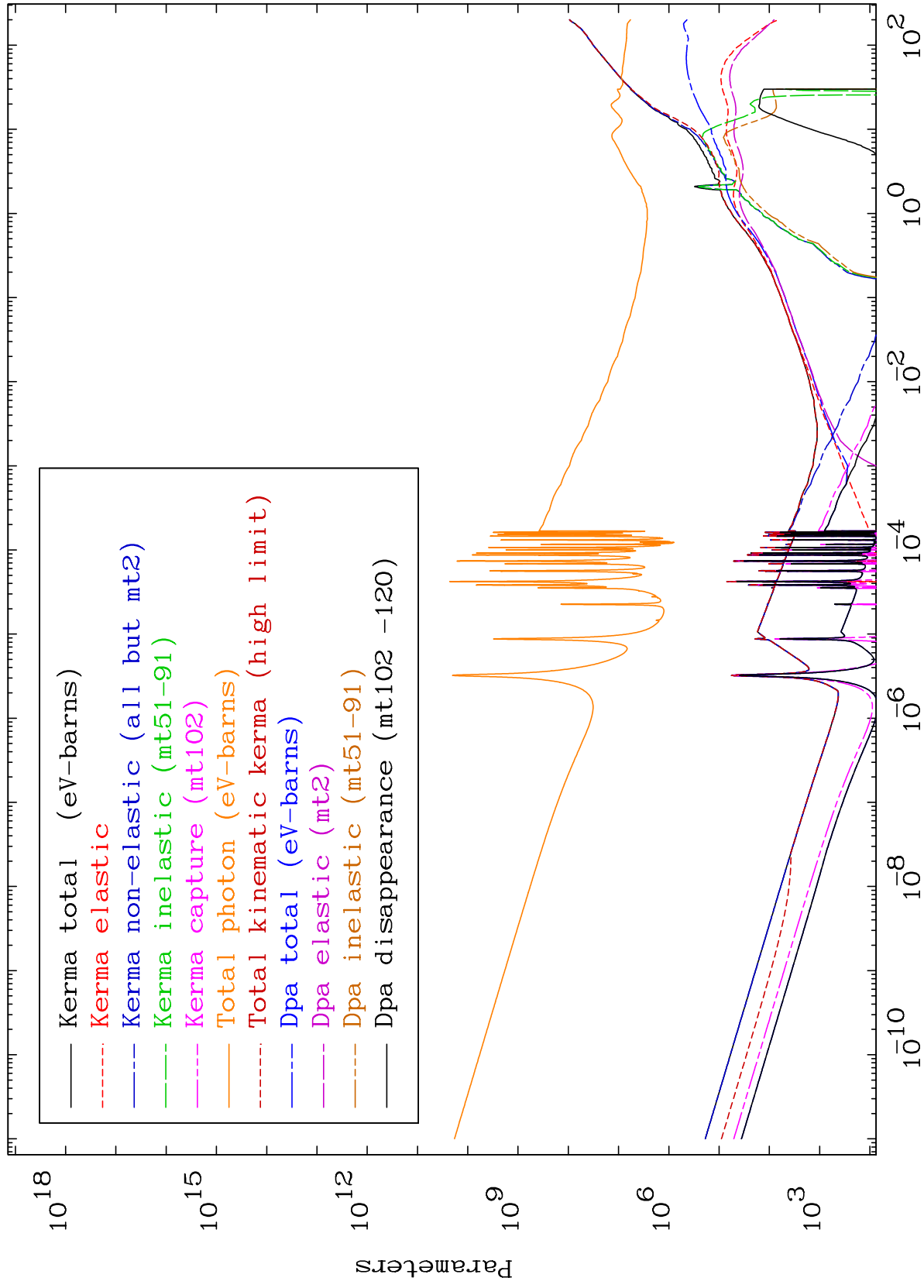
58-Ce-137

MAT 5828

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-137

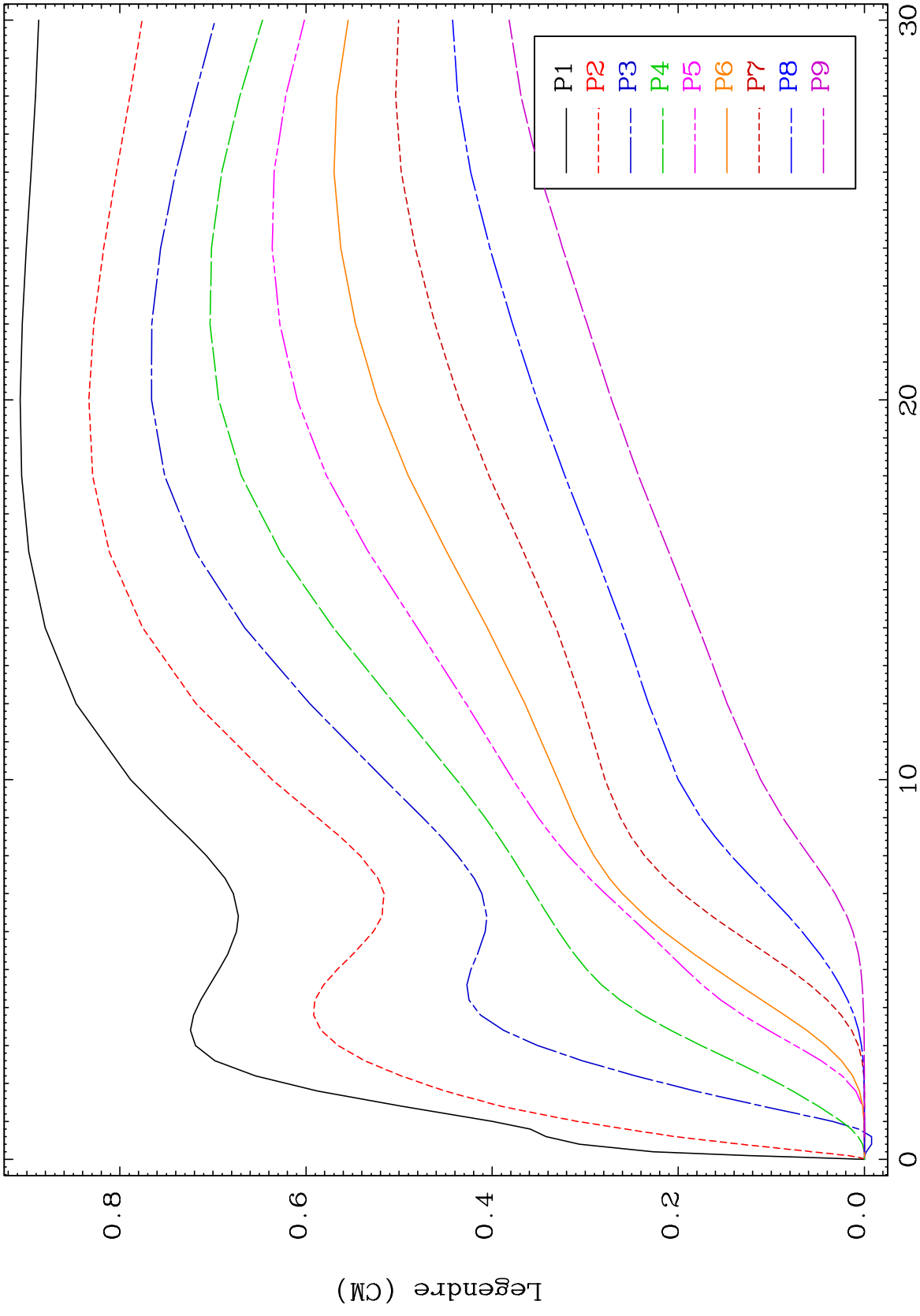




MAT 5828

Elastic Legendre Coefficients

58-Ce-137



16

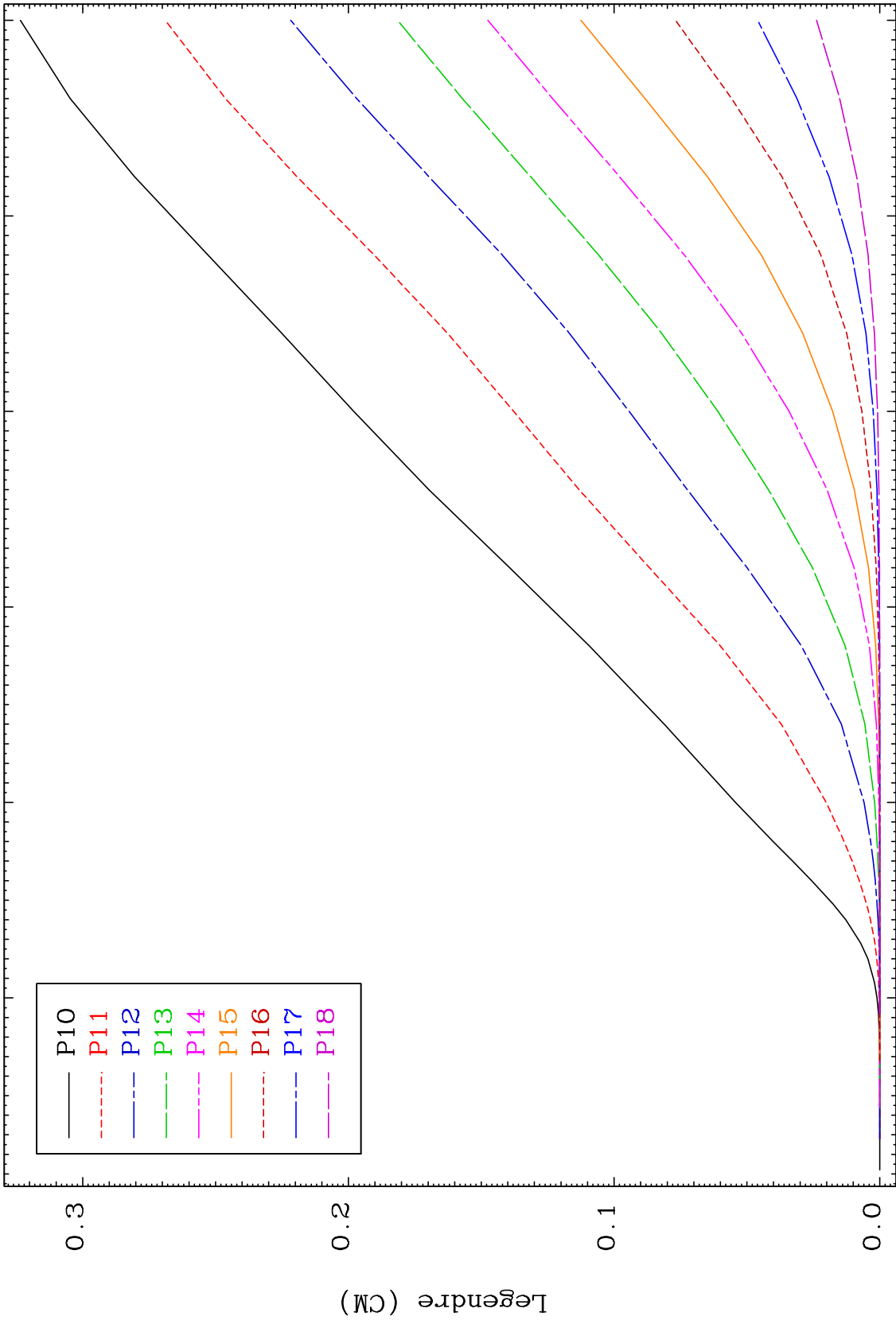
Incident Energy (MeV)

58-Ce-137

MAT 5828

Elastic Legendre Coefficients

58-Ce-137



17

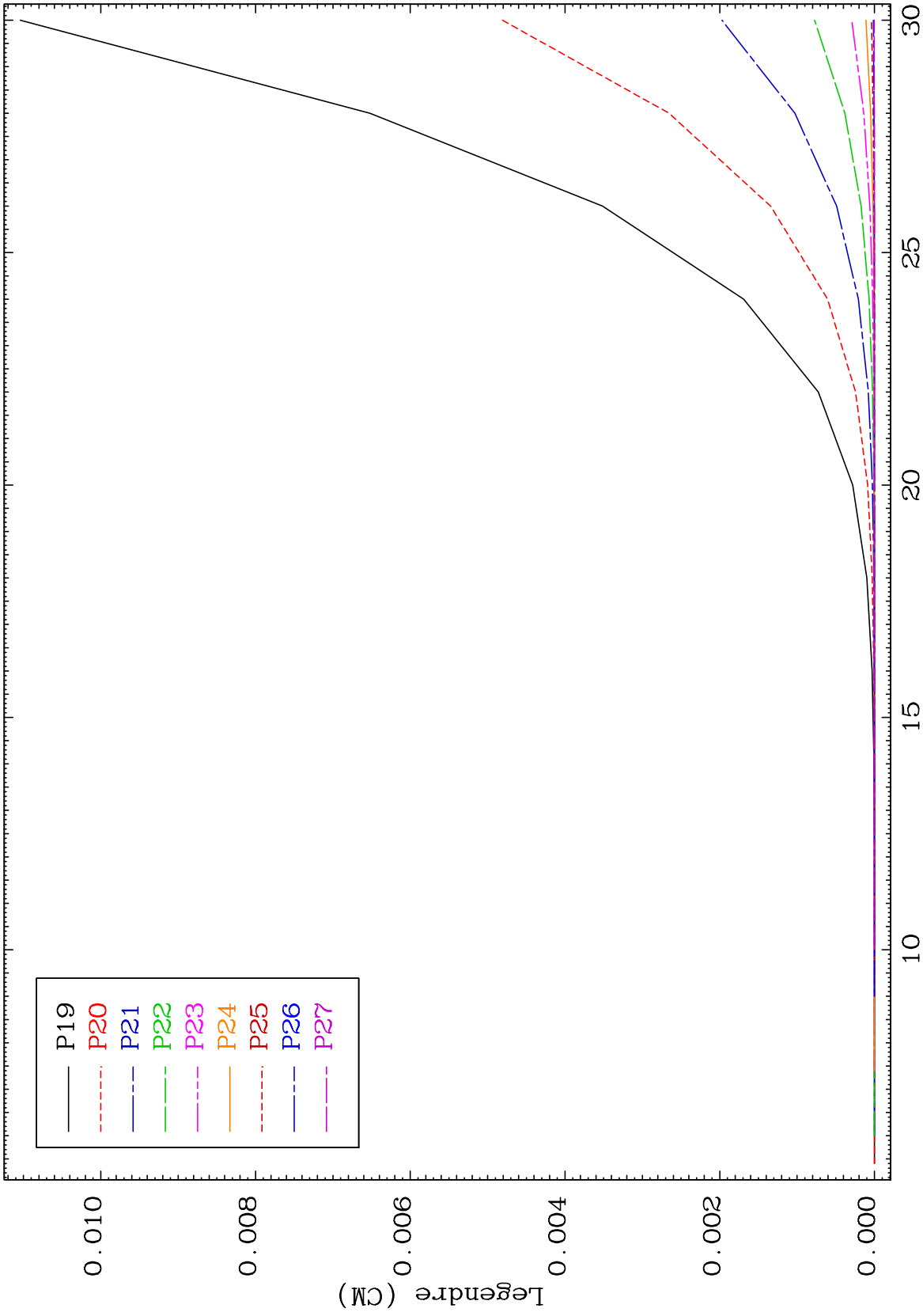
Incident Energy (MeV)

58-Ce-137

MAT 5828

Elastic Legendre Coefficients

58-Ce-137



18

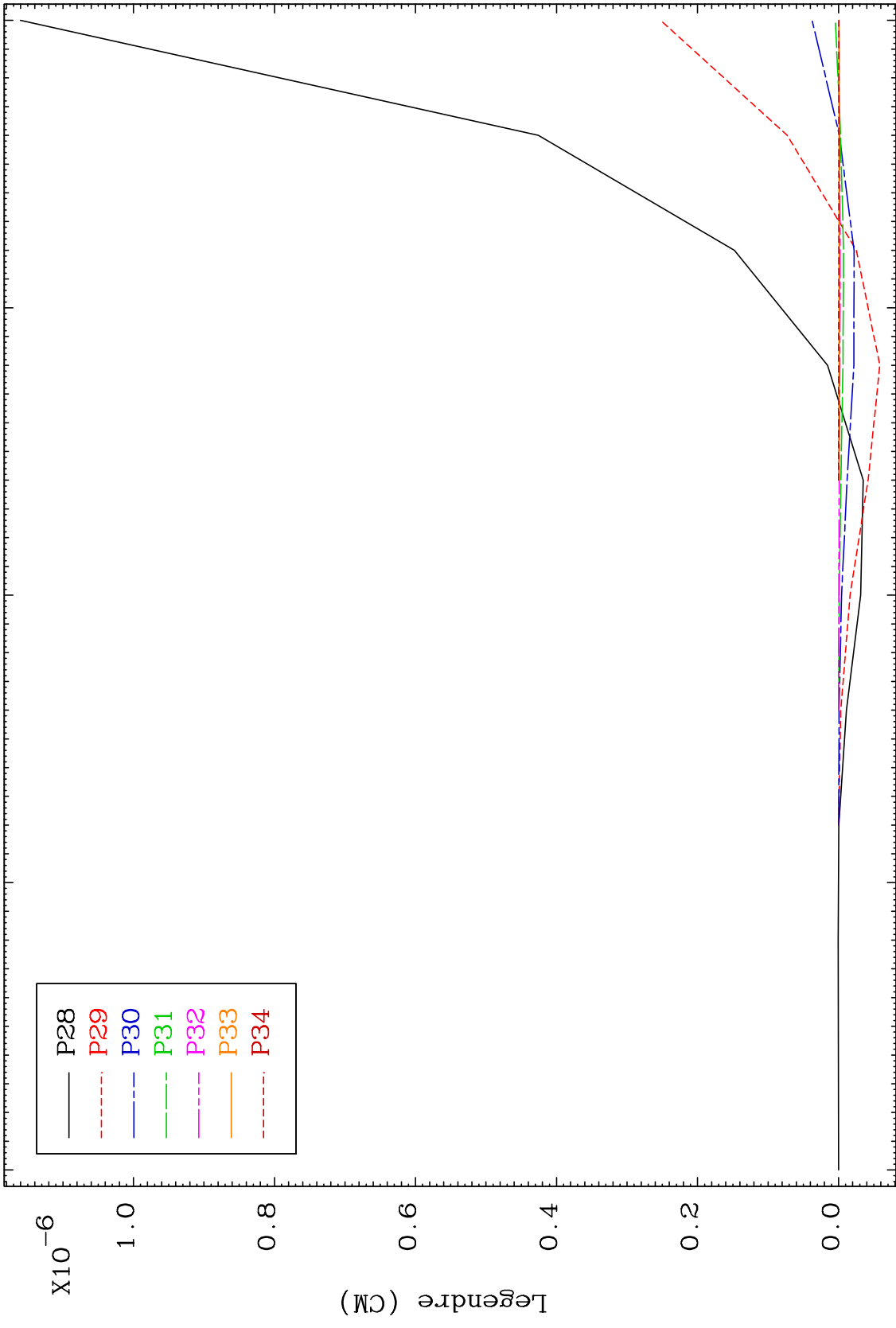
Incident Energy (MeV)

58-Ce-137

MAT 5828

Elastic Legendre Coefficients

58-Ce-137



19

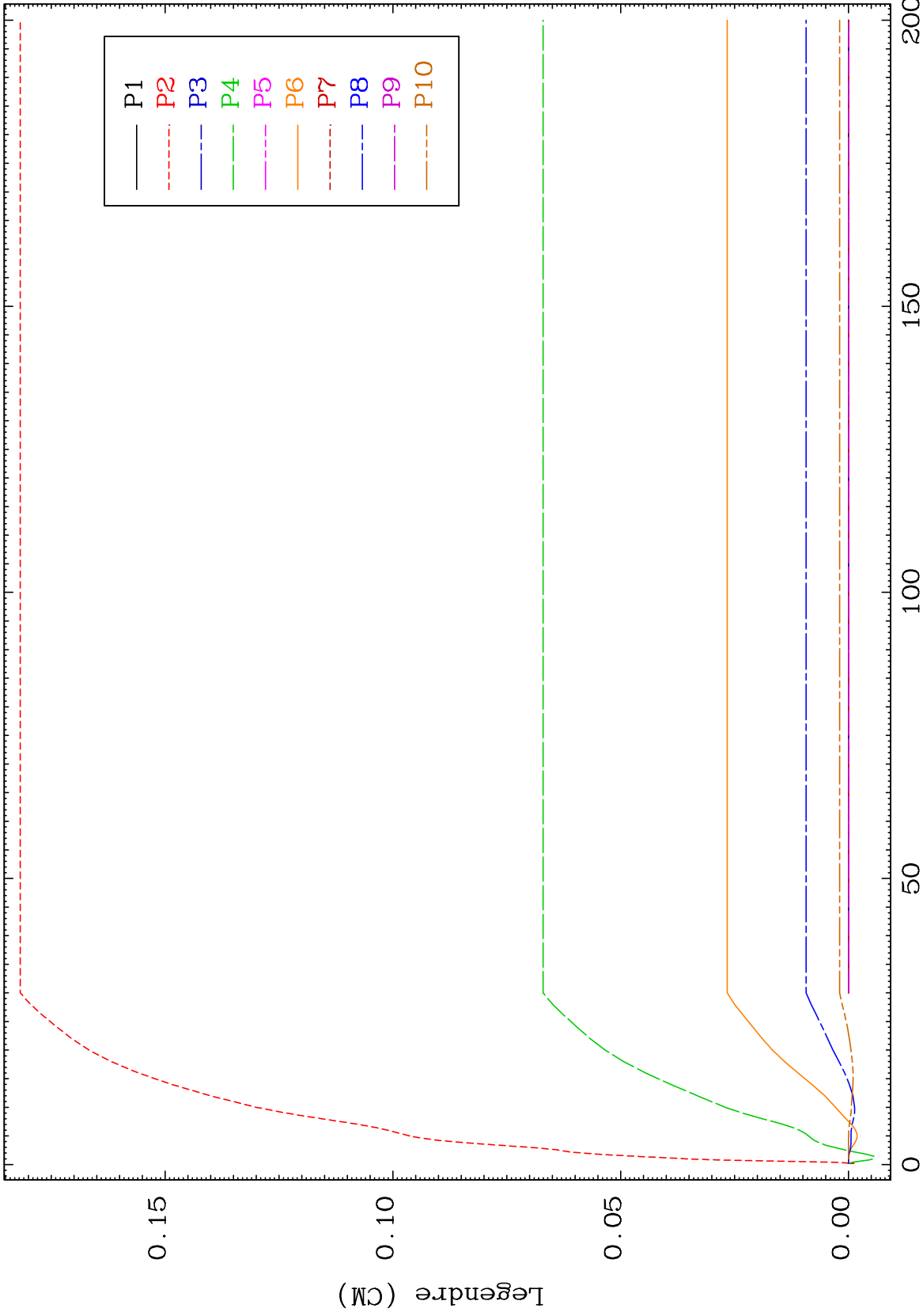
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



20

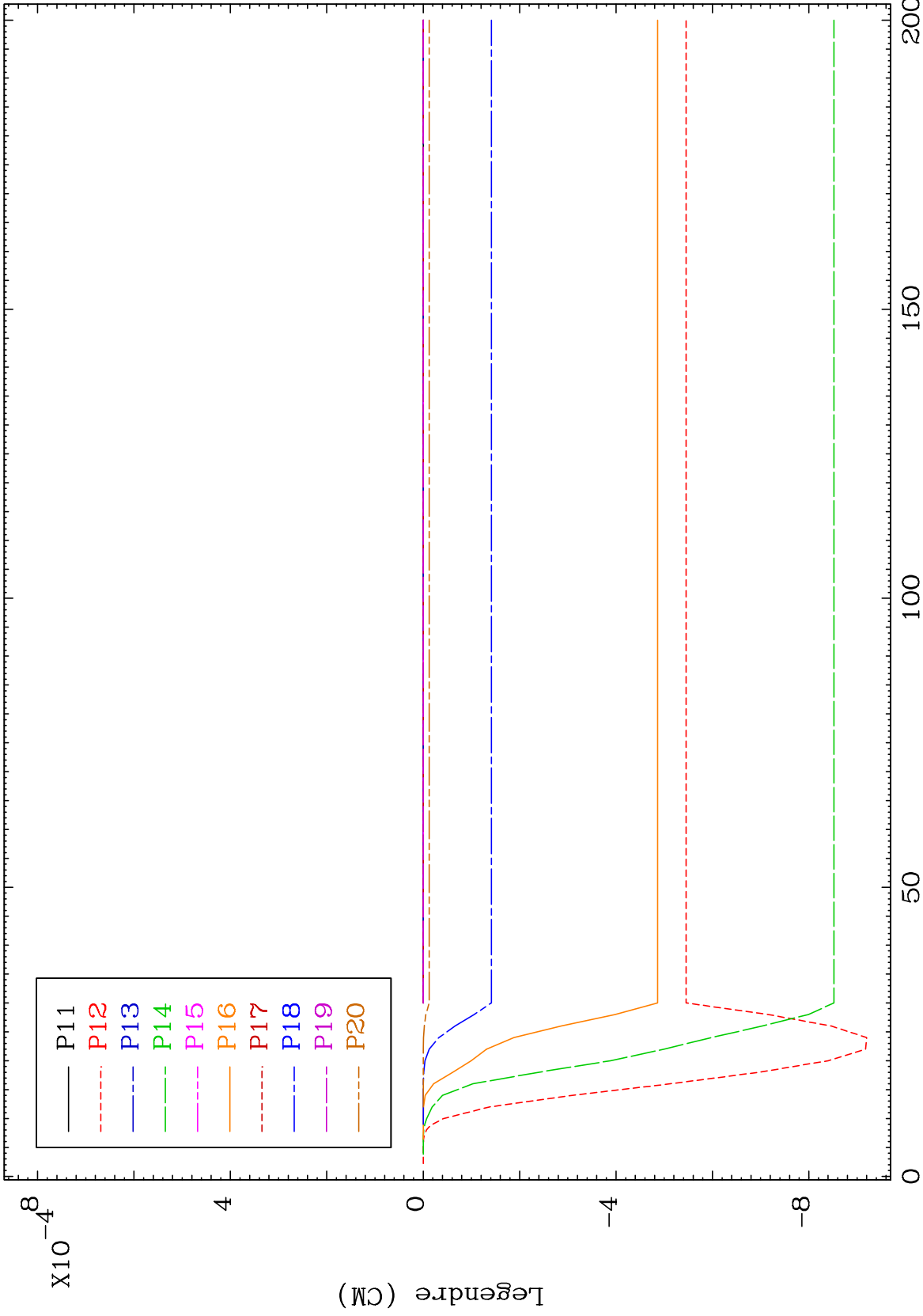
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



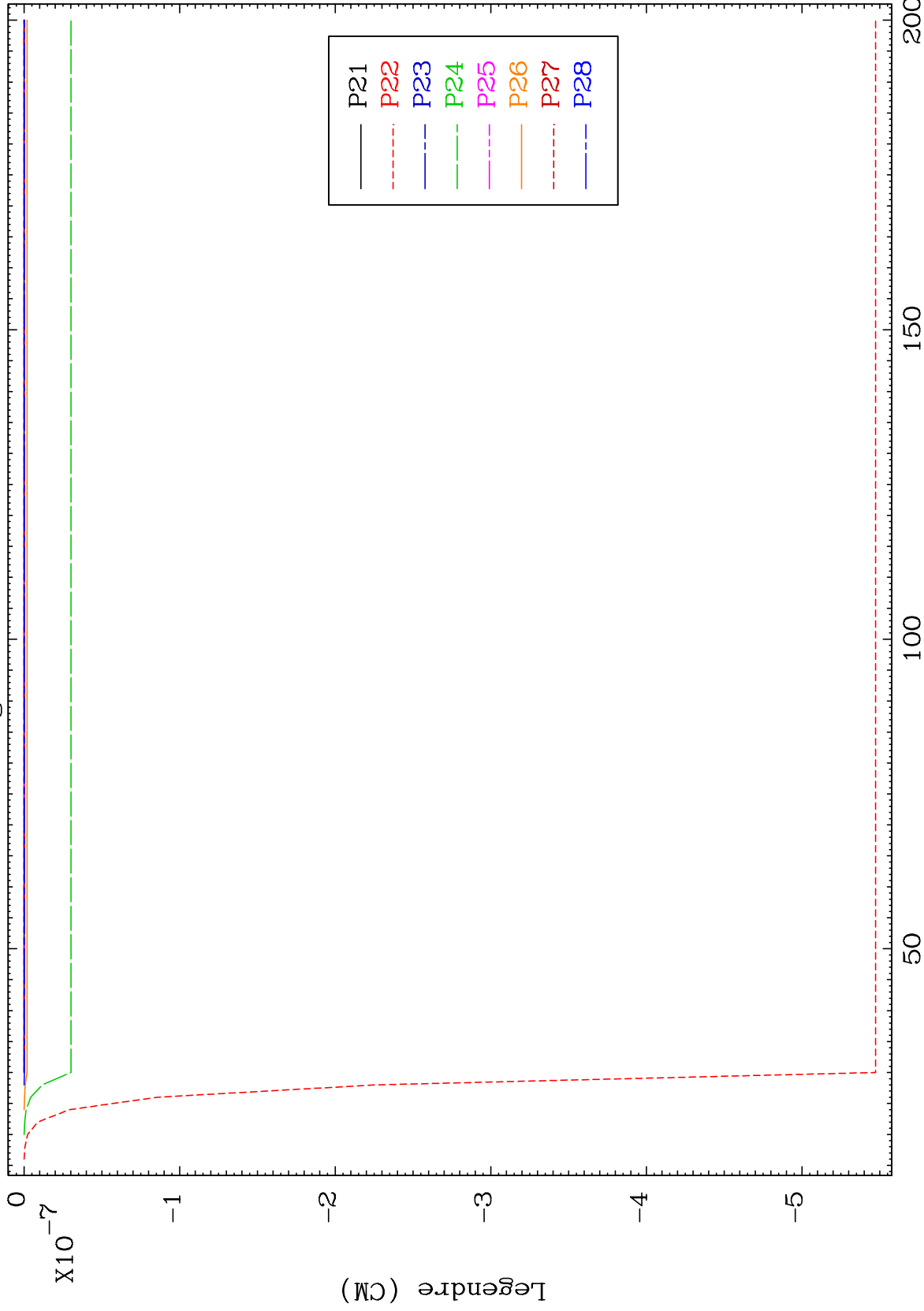
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58-Ce-137

MAT 5828

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

58-Ce-137



22

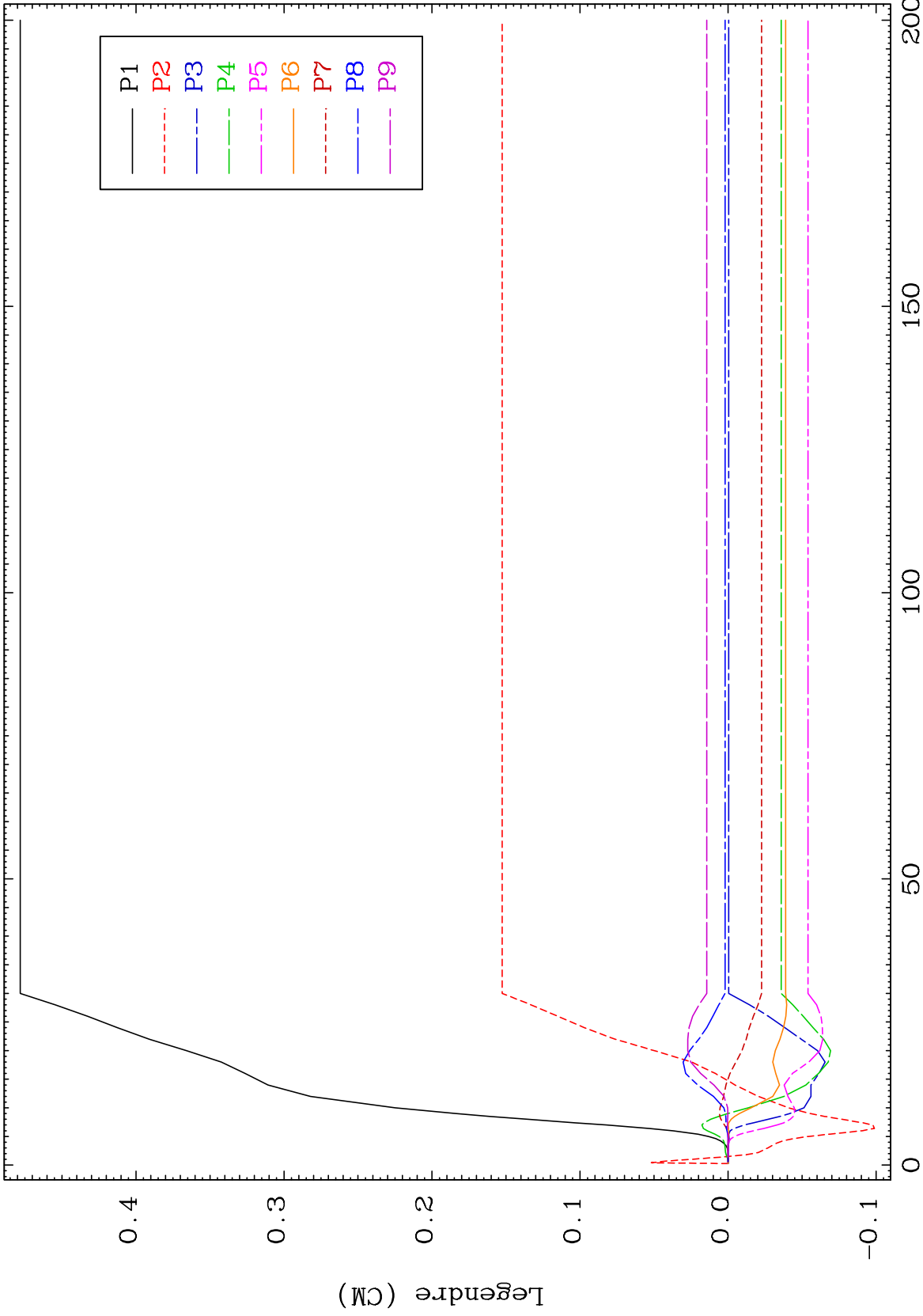
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



23

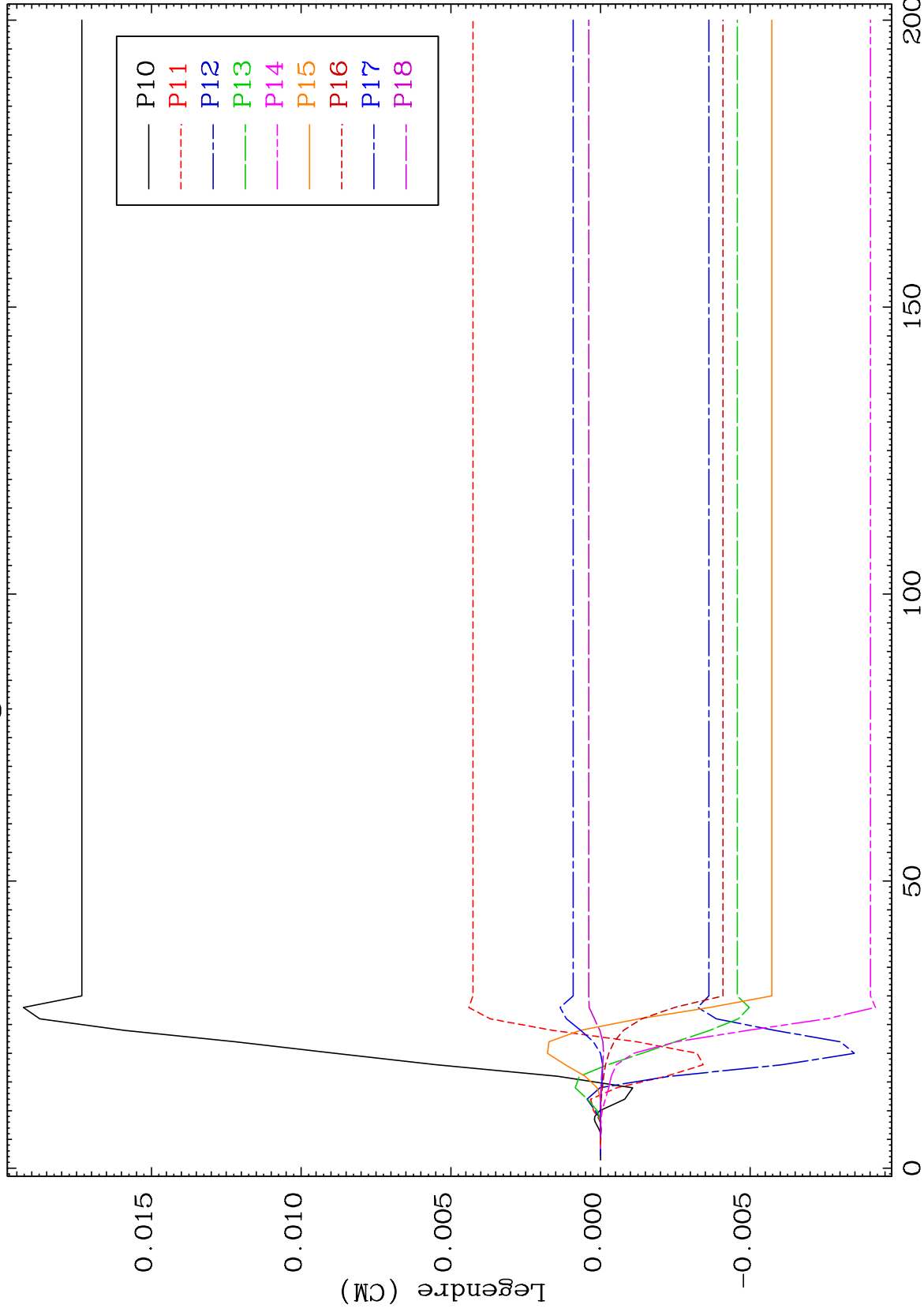
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



24

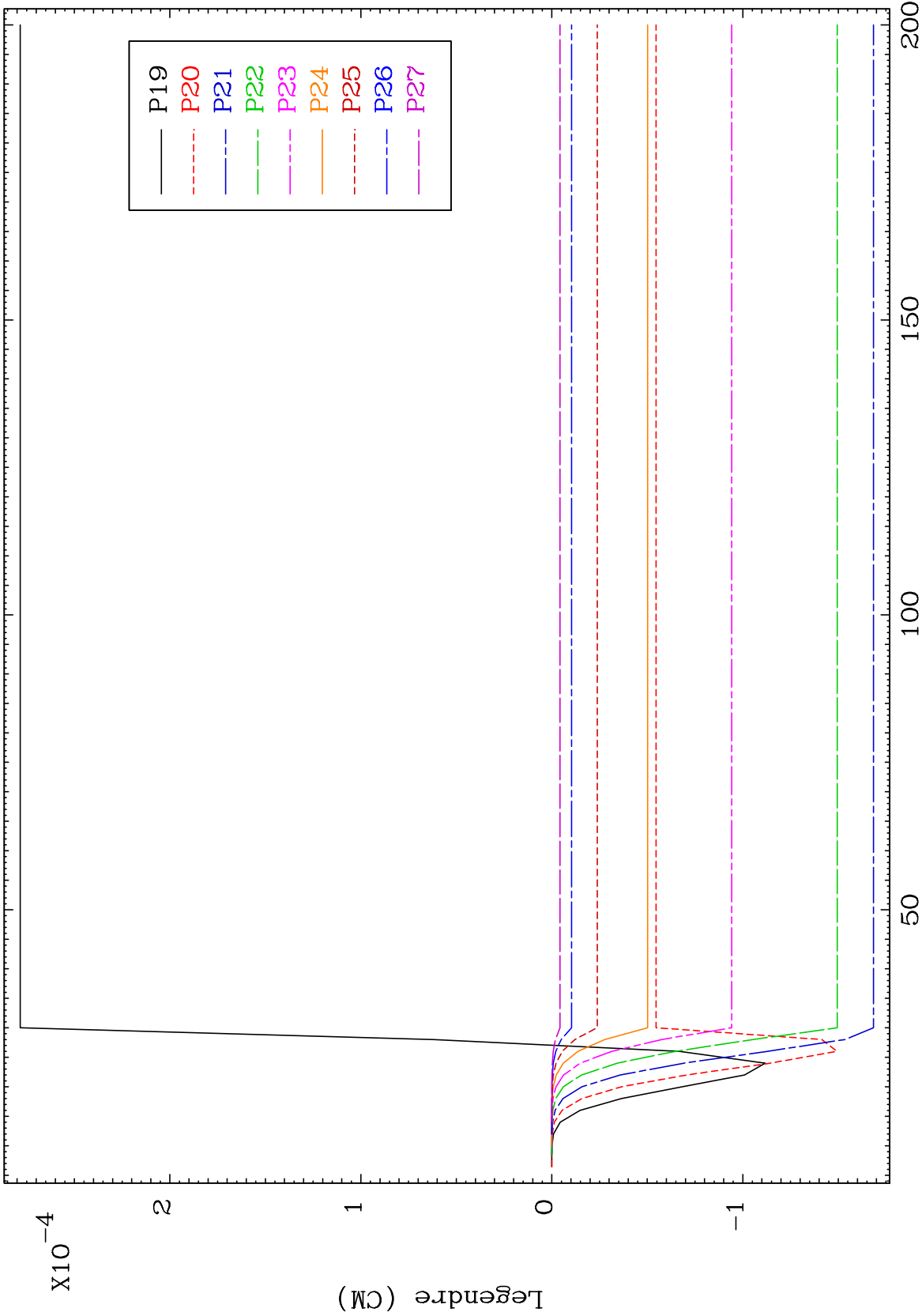
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



25

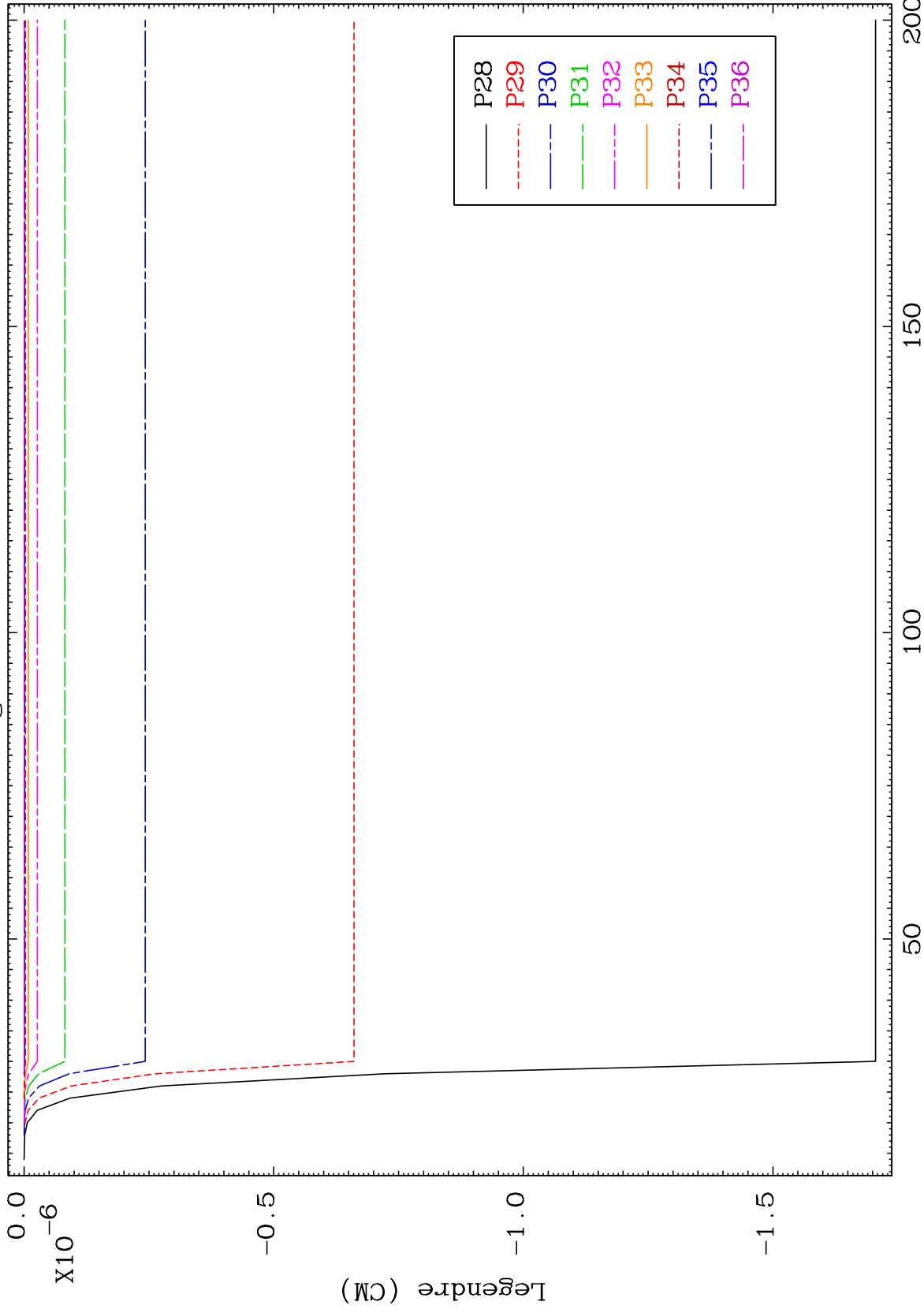
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

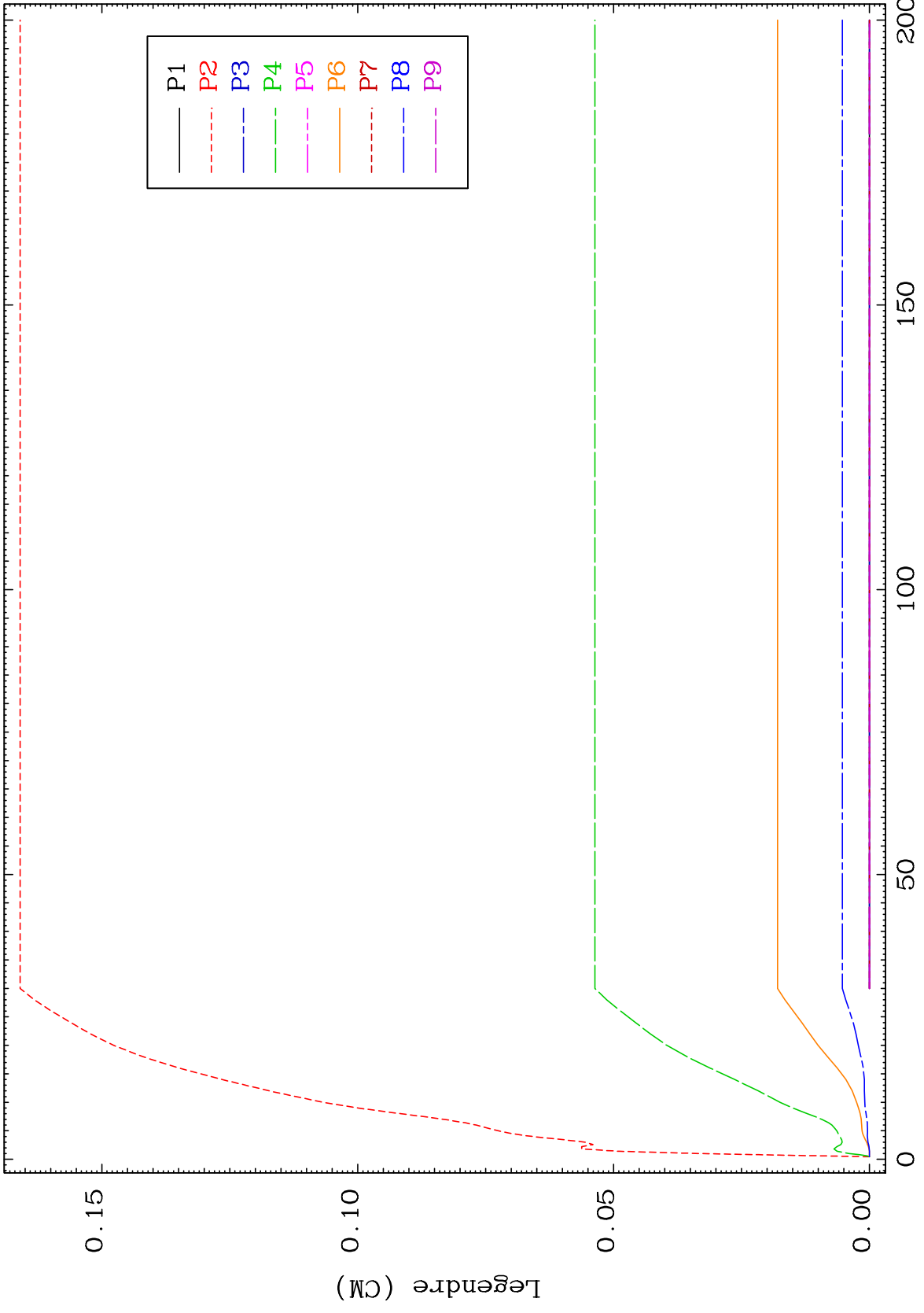
Incident Energy (MeV)

26

MAT 5828

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

58-Ce-137



27

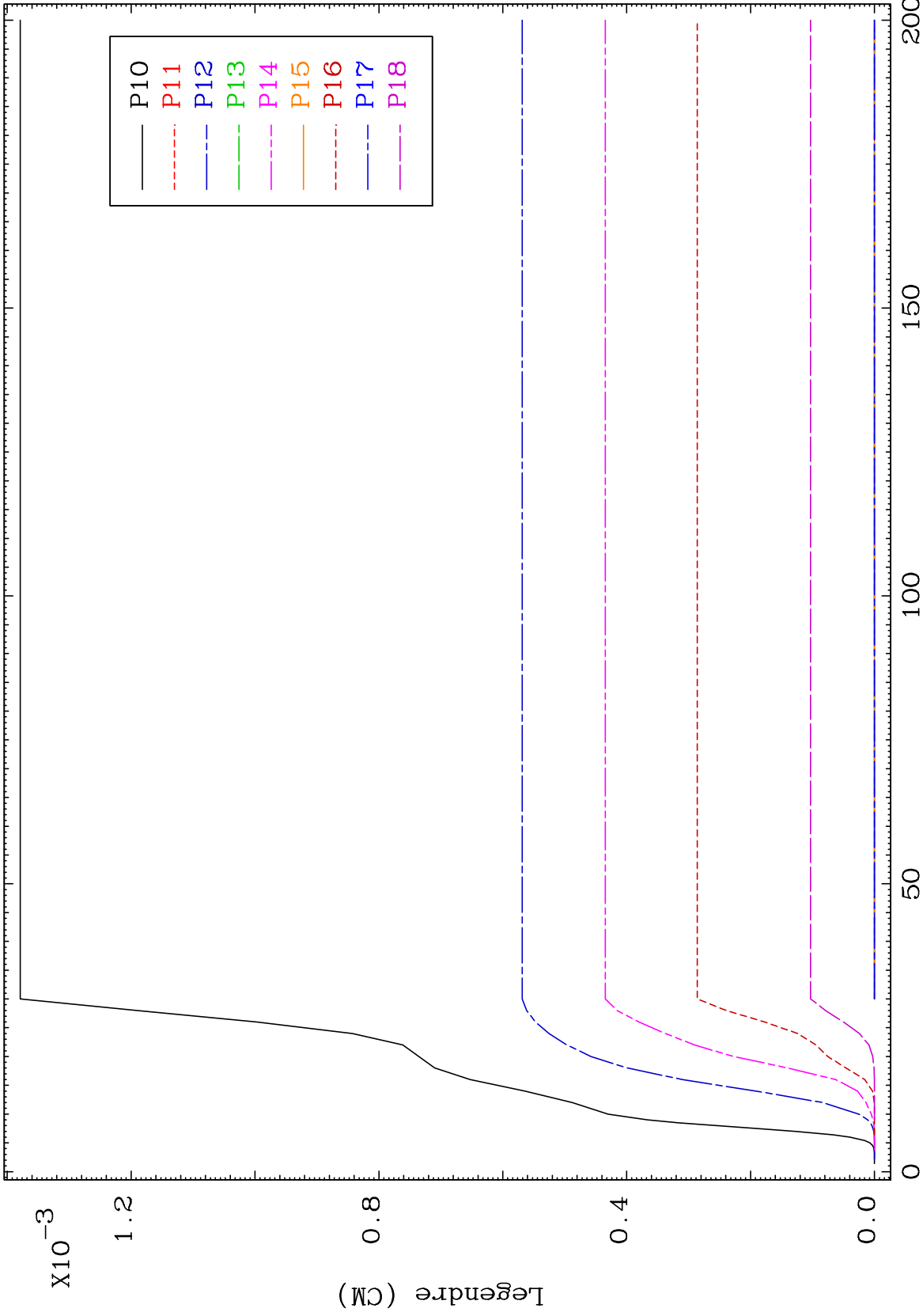
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



28

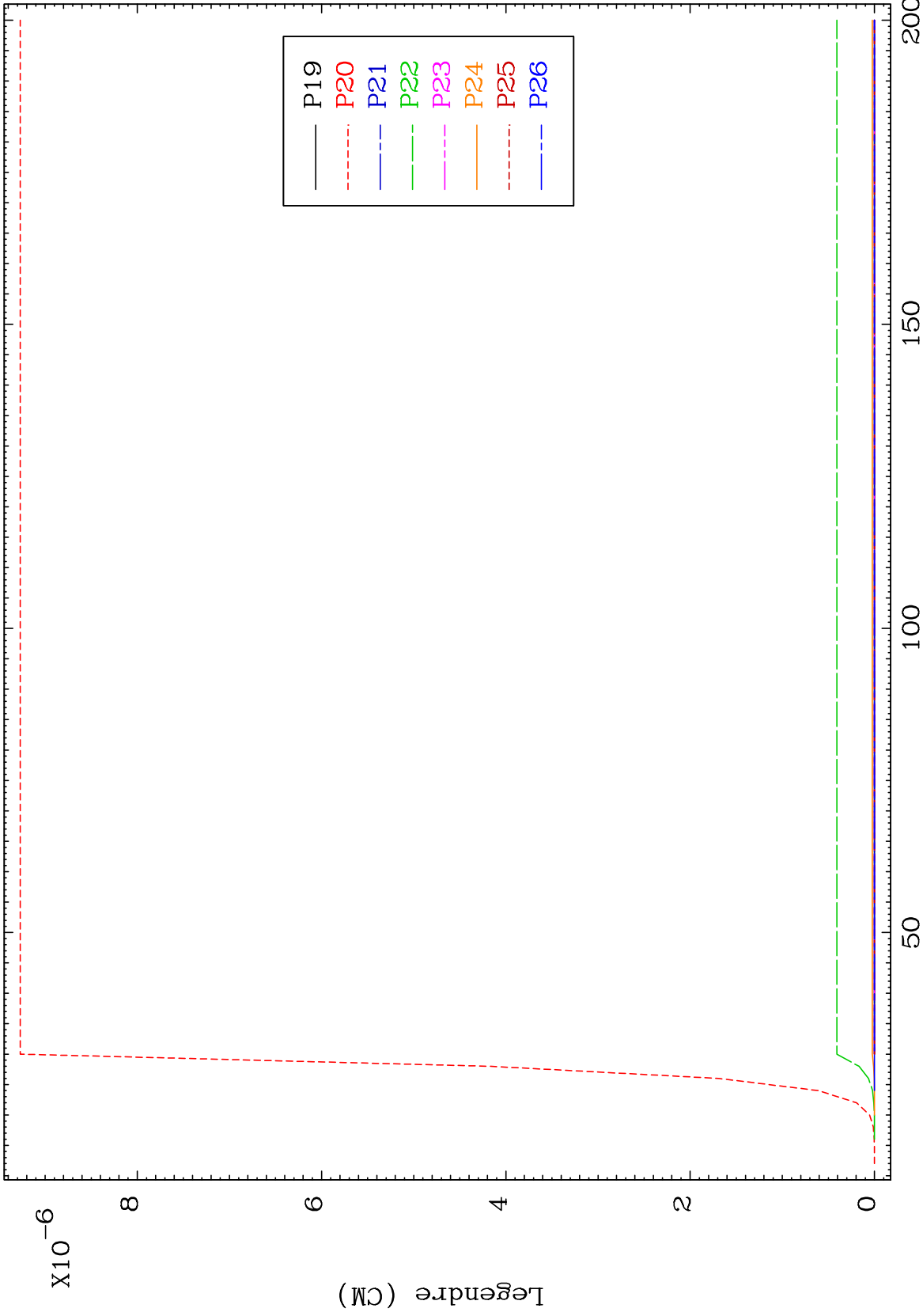
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



29

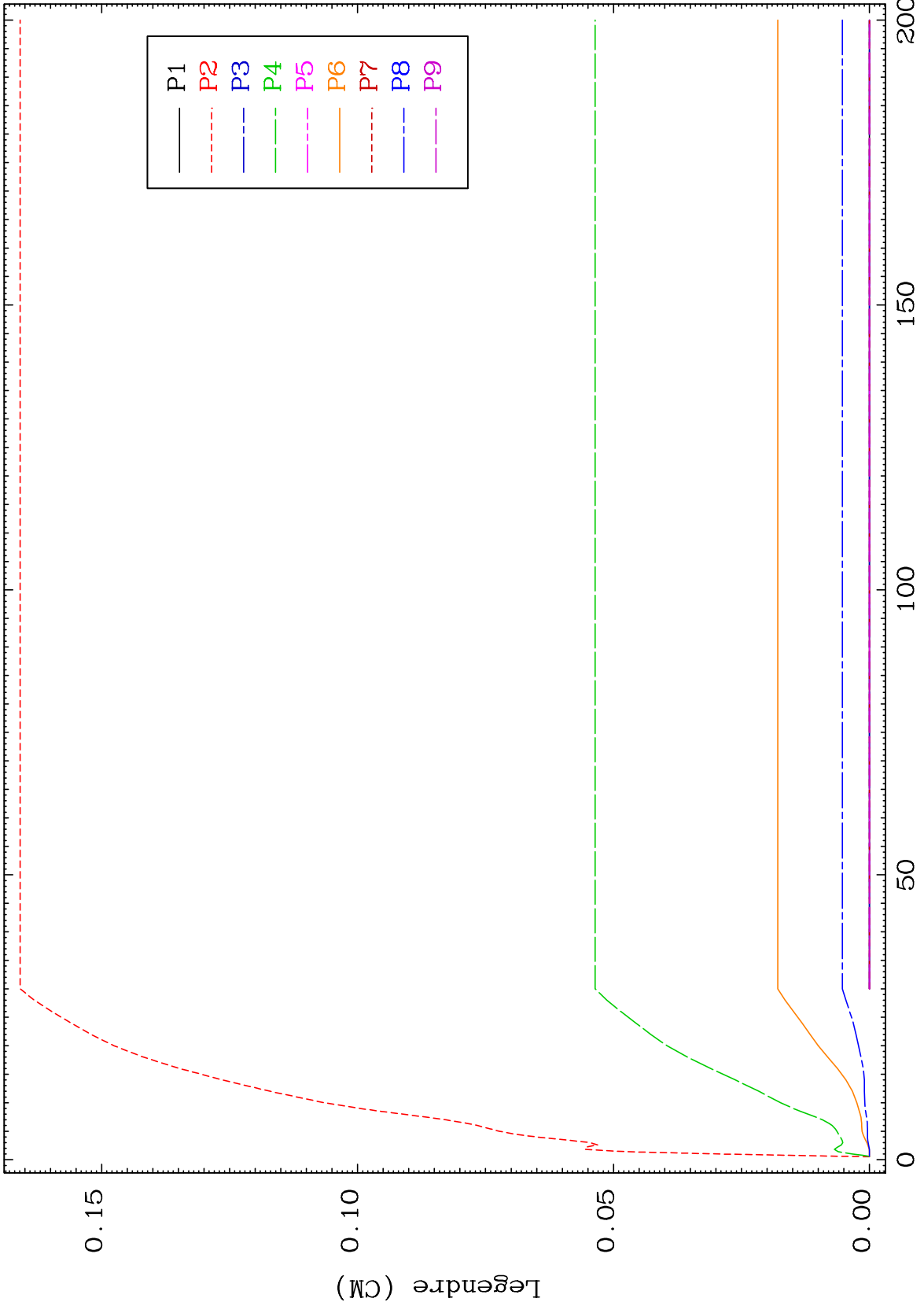
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

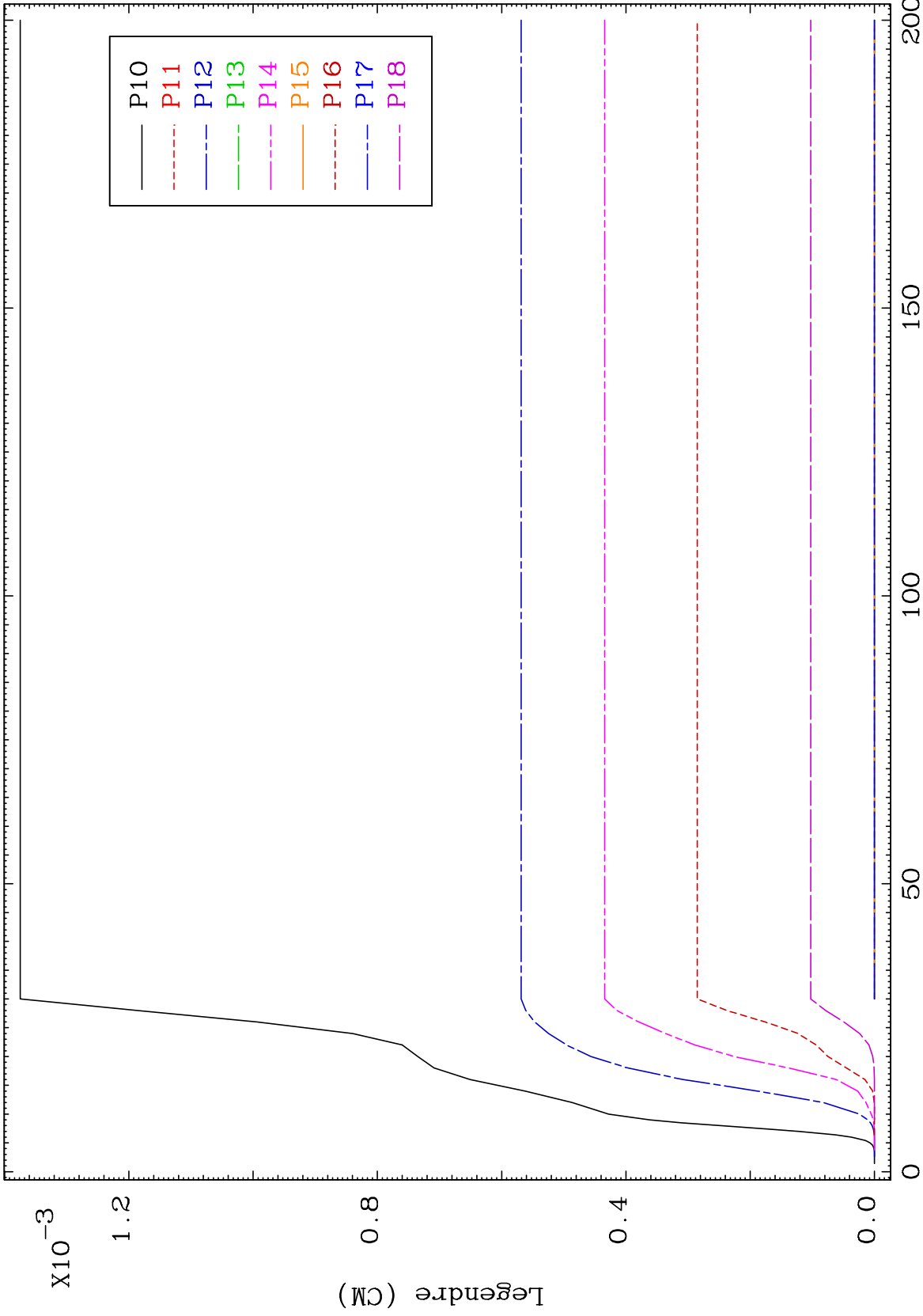
Incident Energy (MeV)

30

MAT 5828

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

58-Ce-137



31

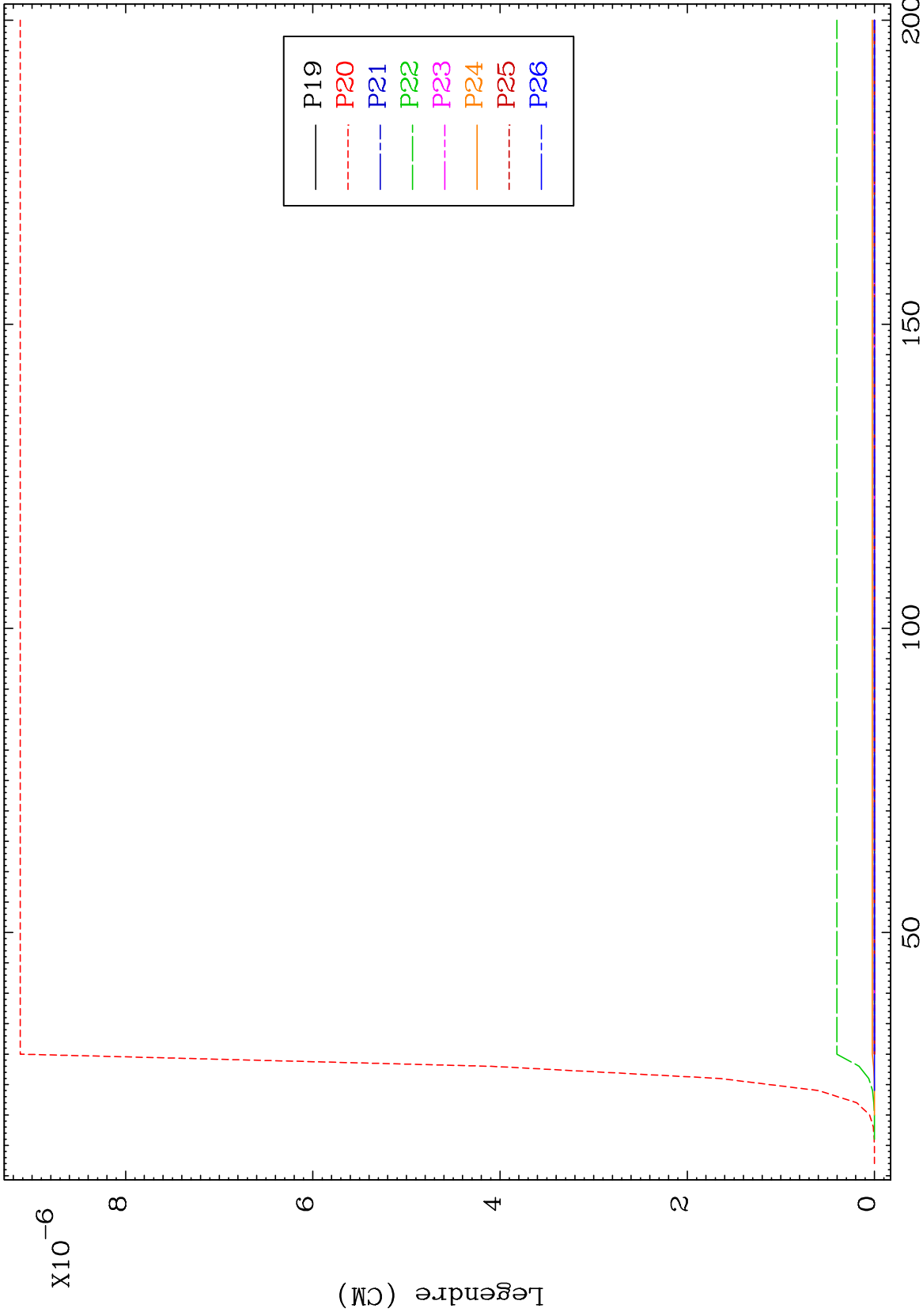
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



32

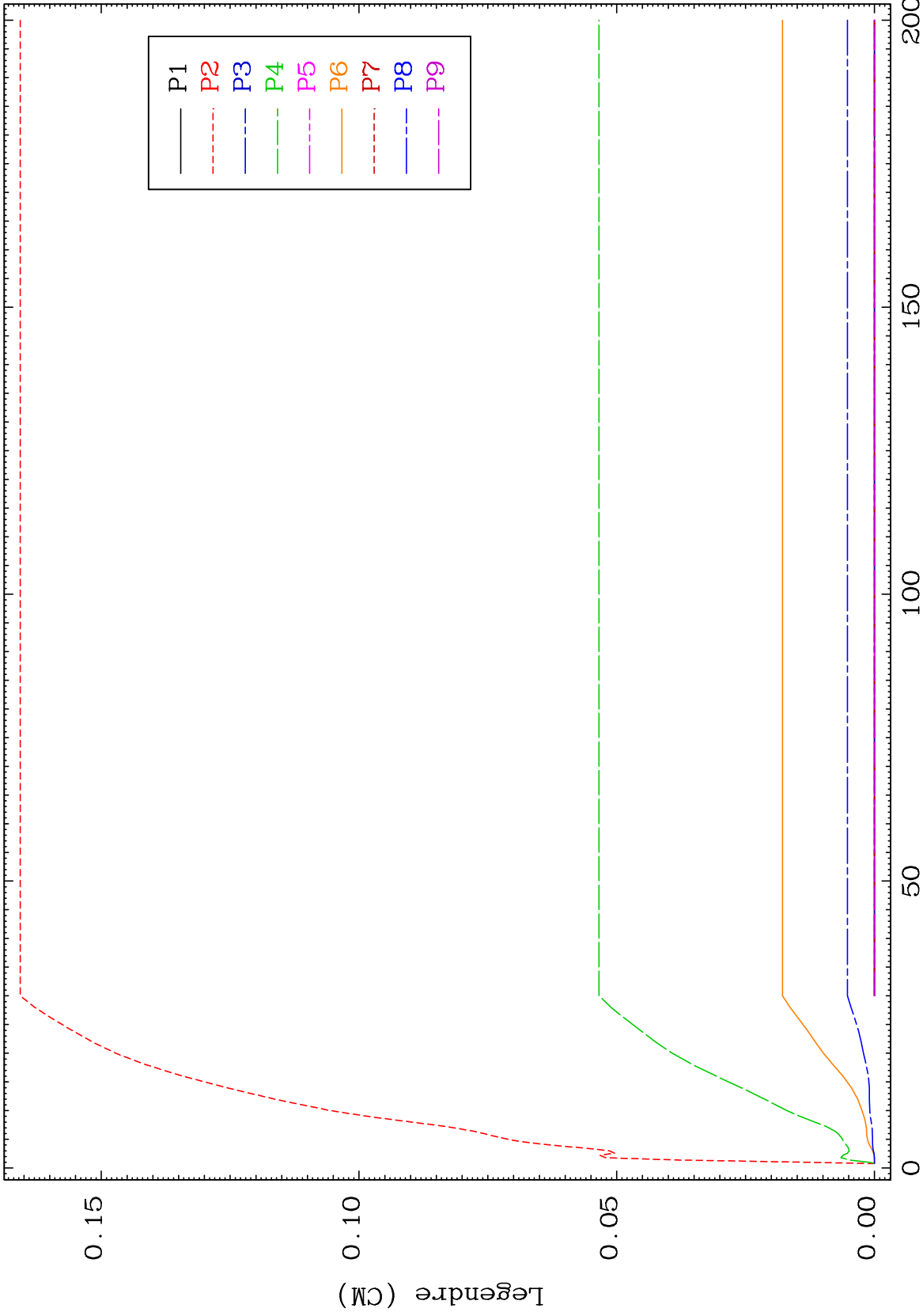
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



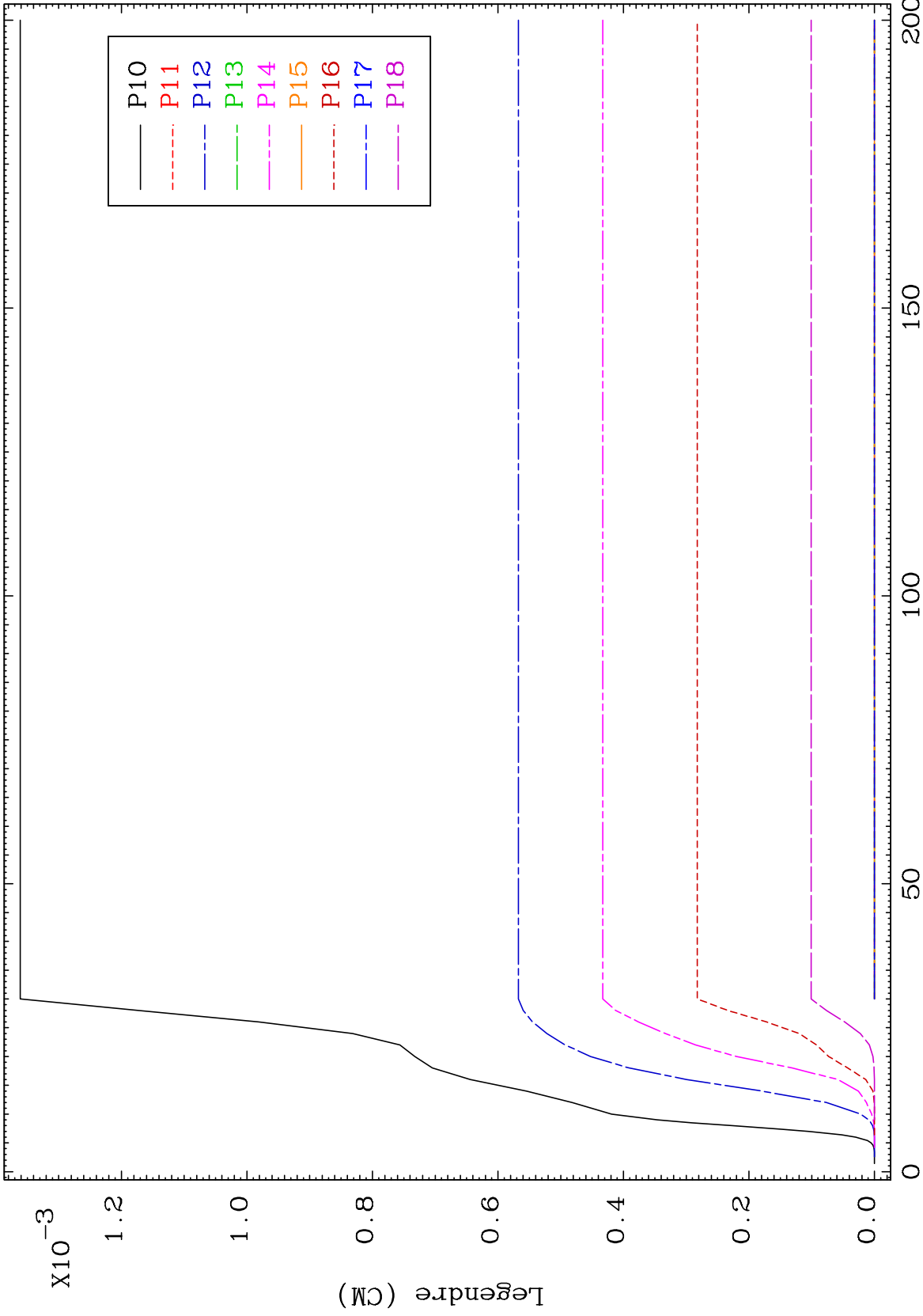
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58-Ce-137

MAT 5828

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

58-Ce-137



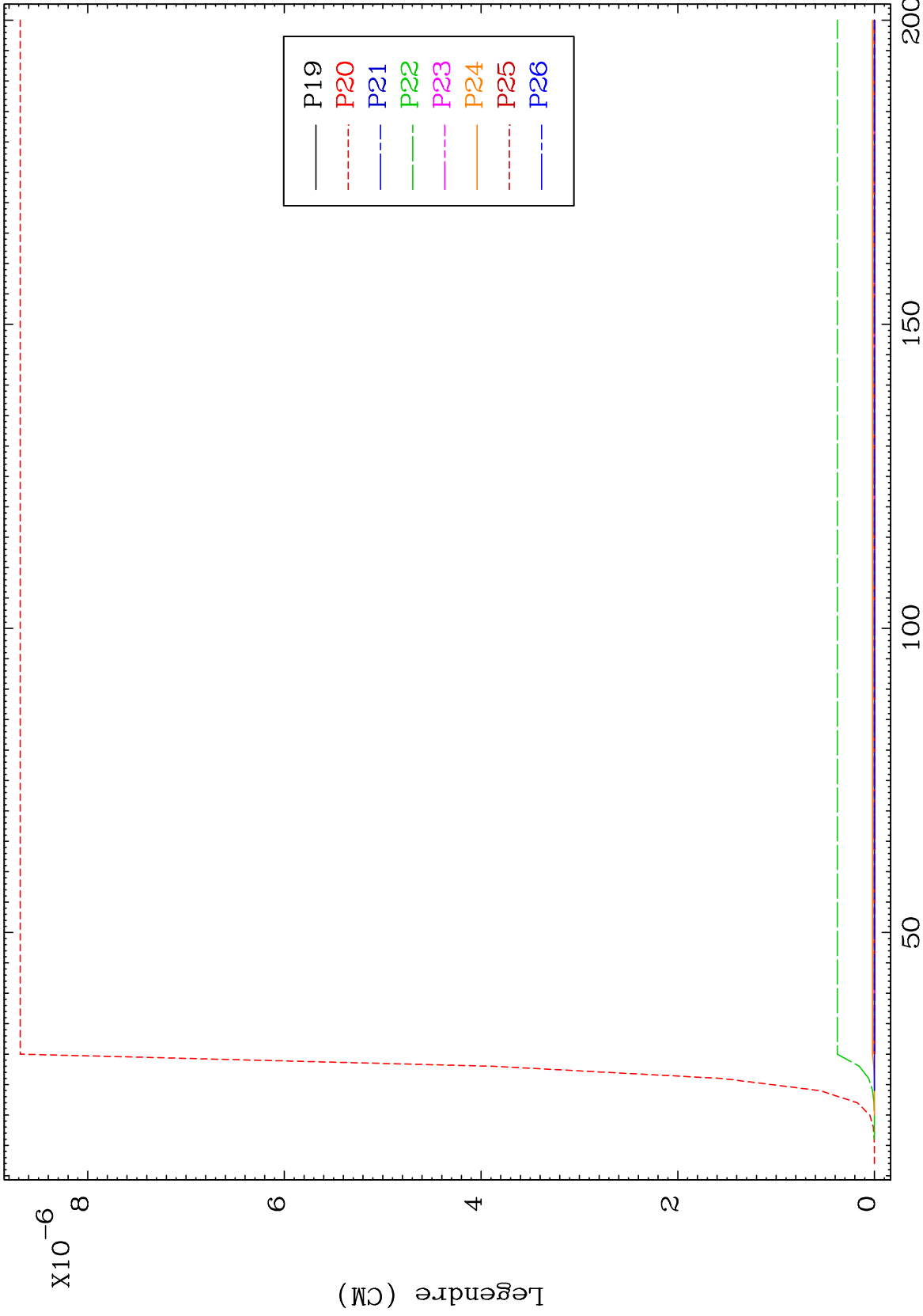
34

58-Ce-137

MAT 5828

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

58-Ce-137



35

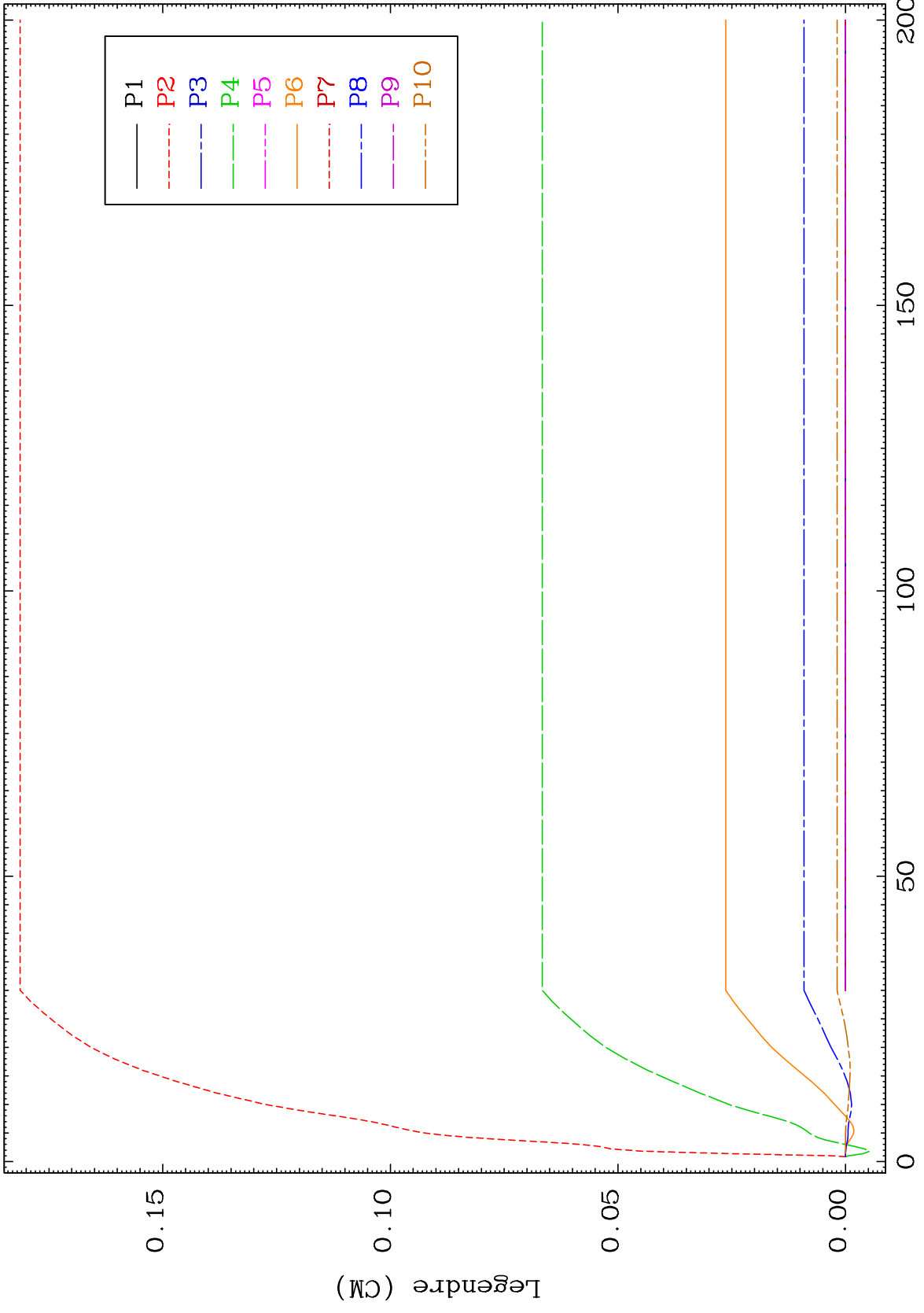
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



36

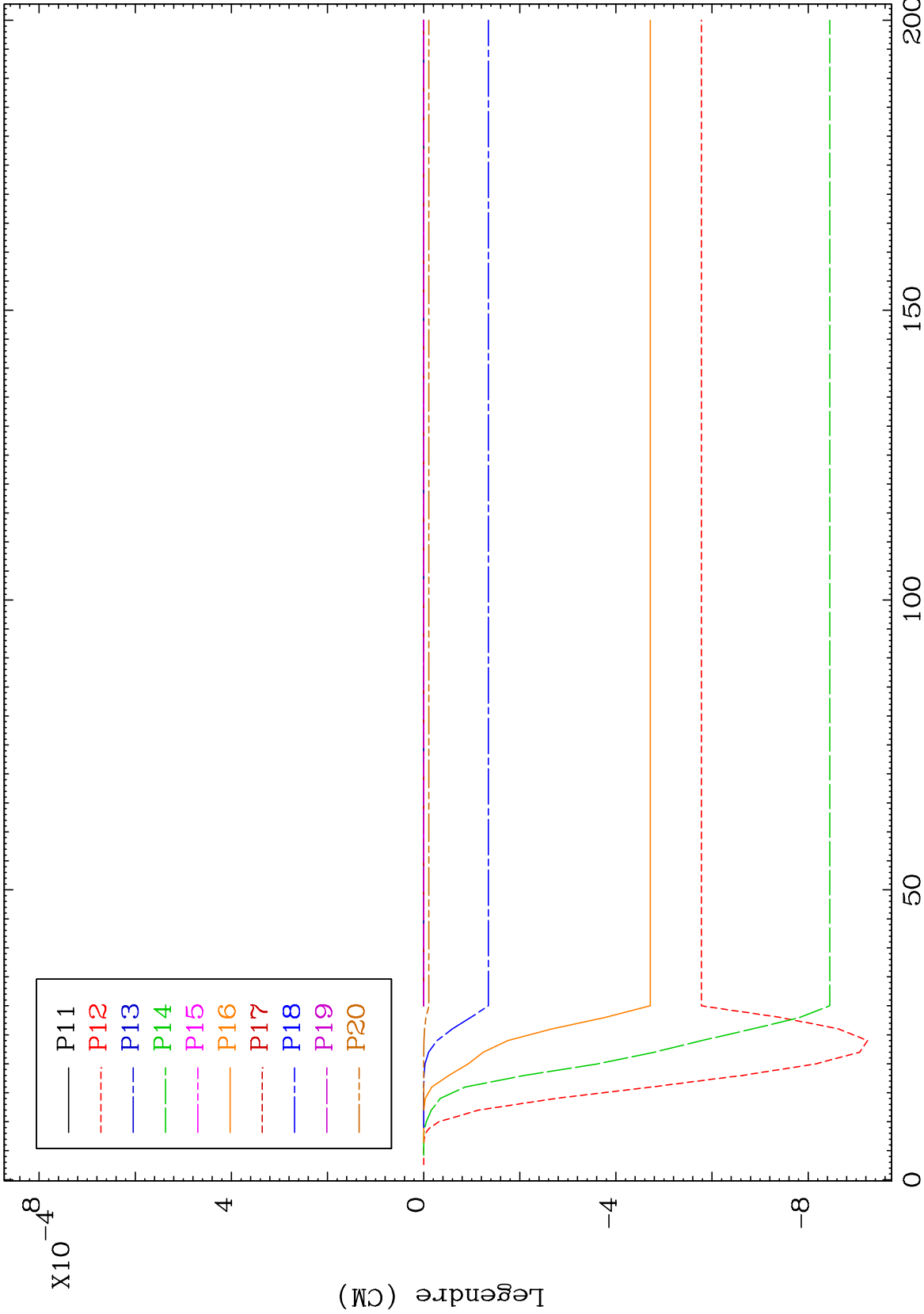
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



37

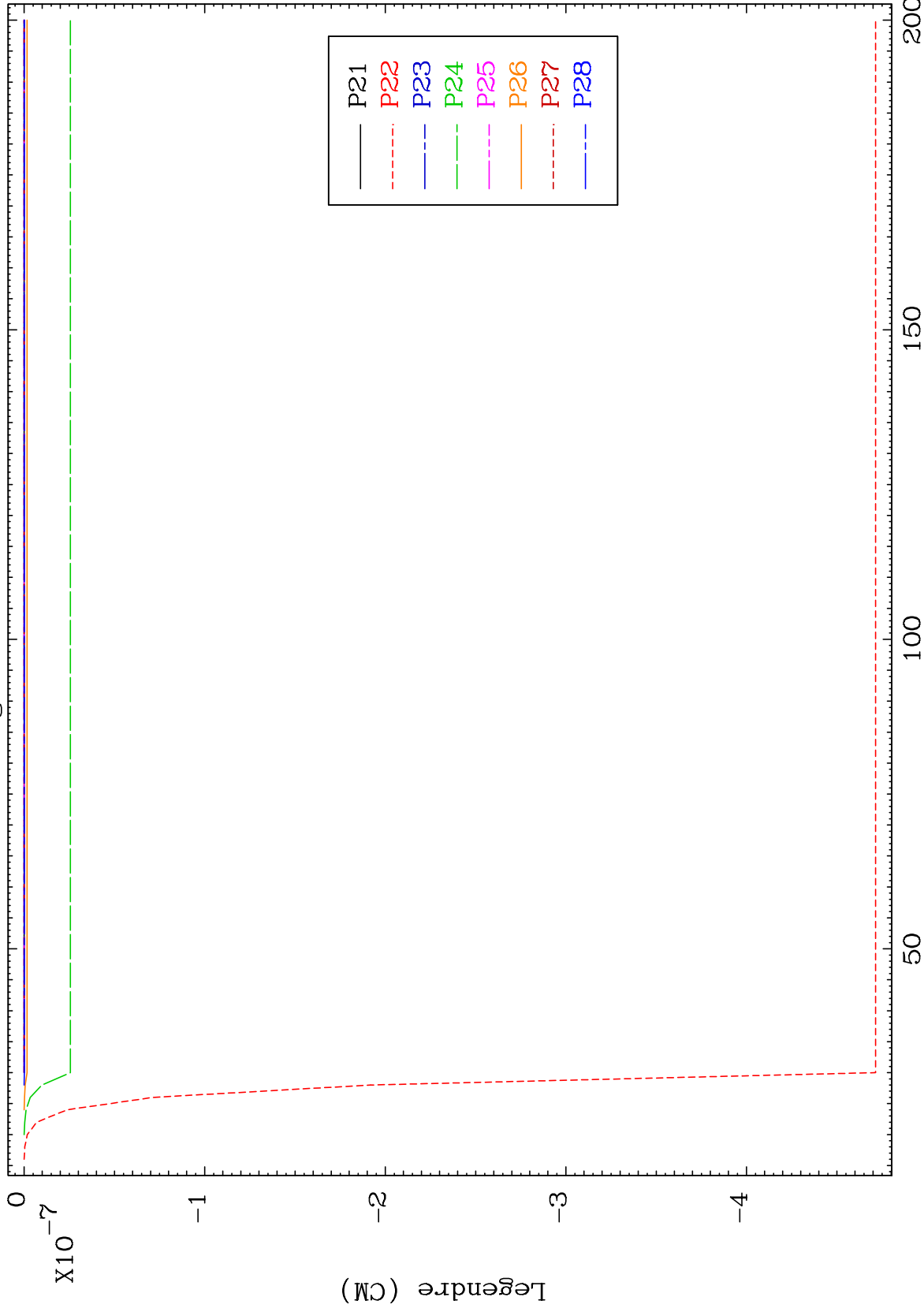
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



38

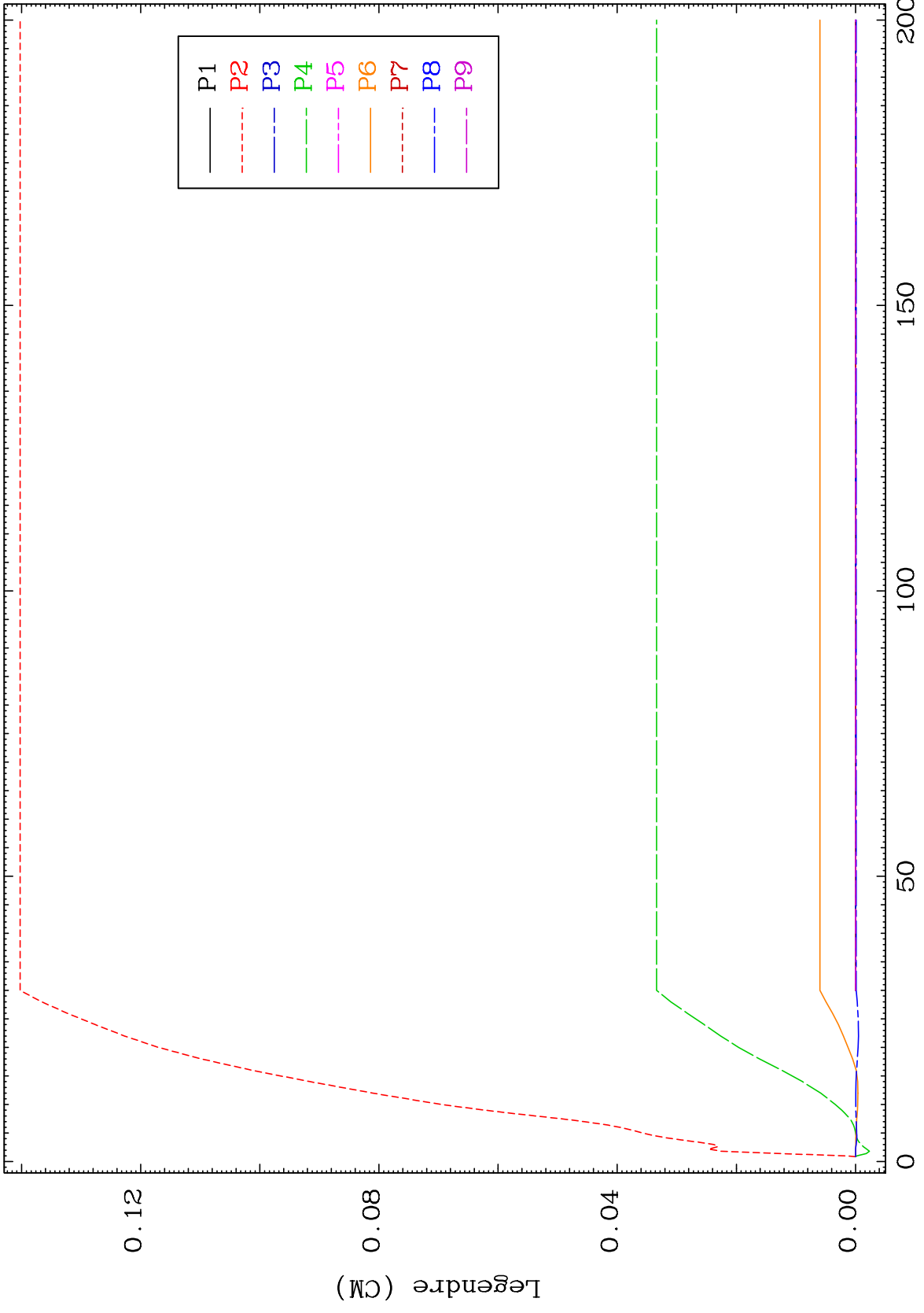
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



39

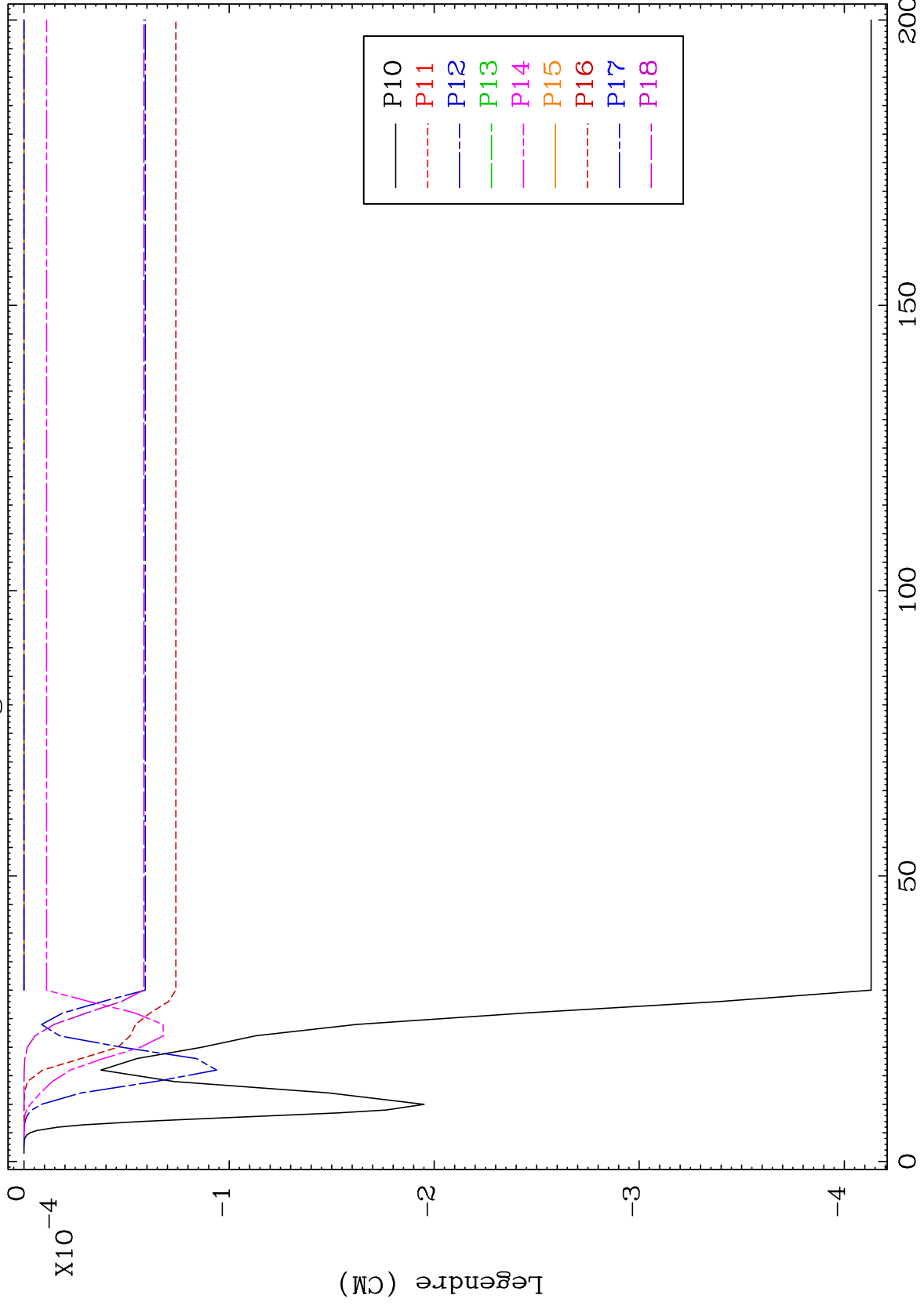
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

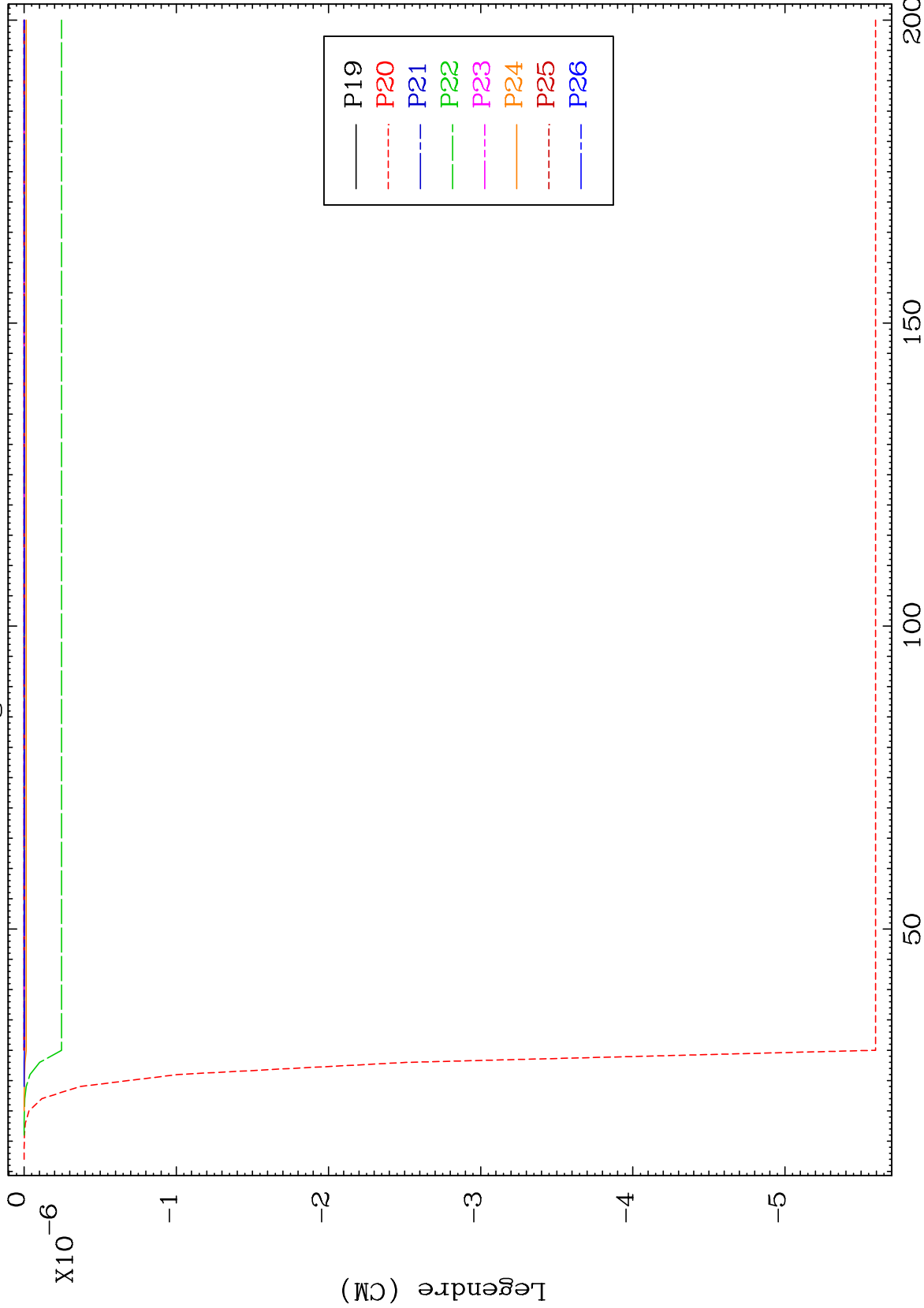
Incident Energy (MeV)

40

MAT 5828

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

58-Ce-137



41

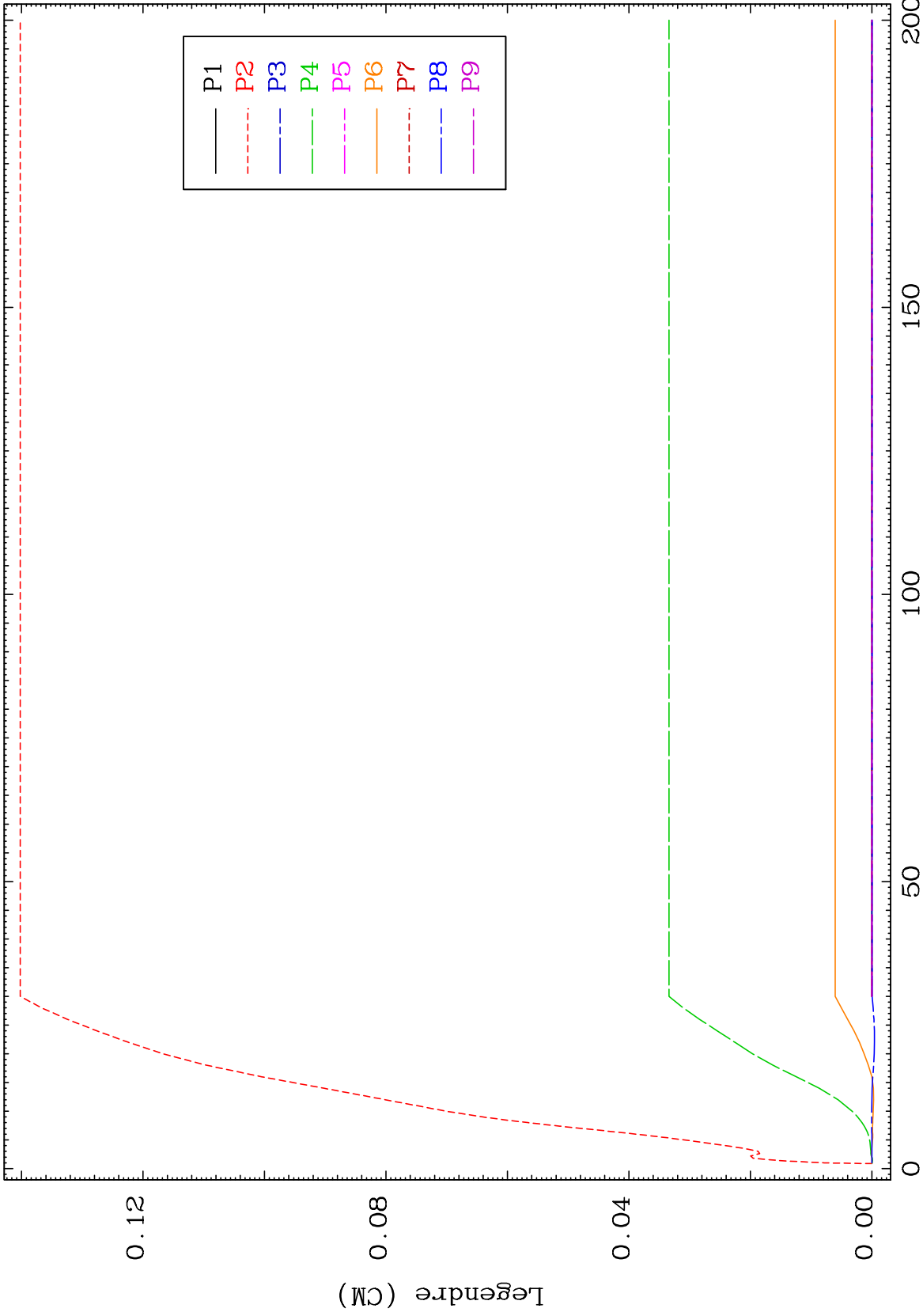
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



42

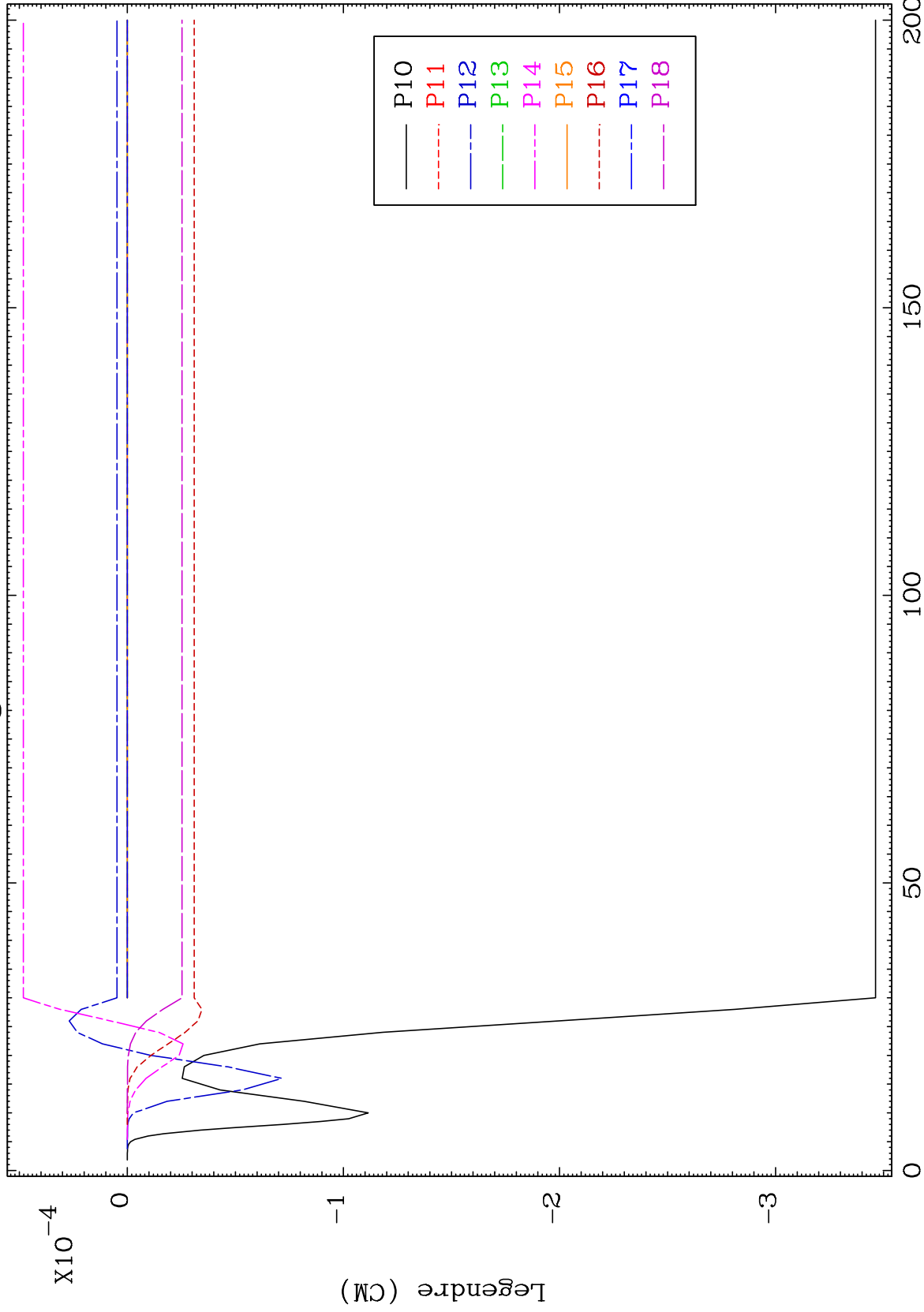
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



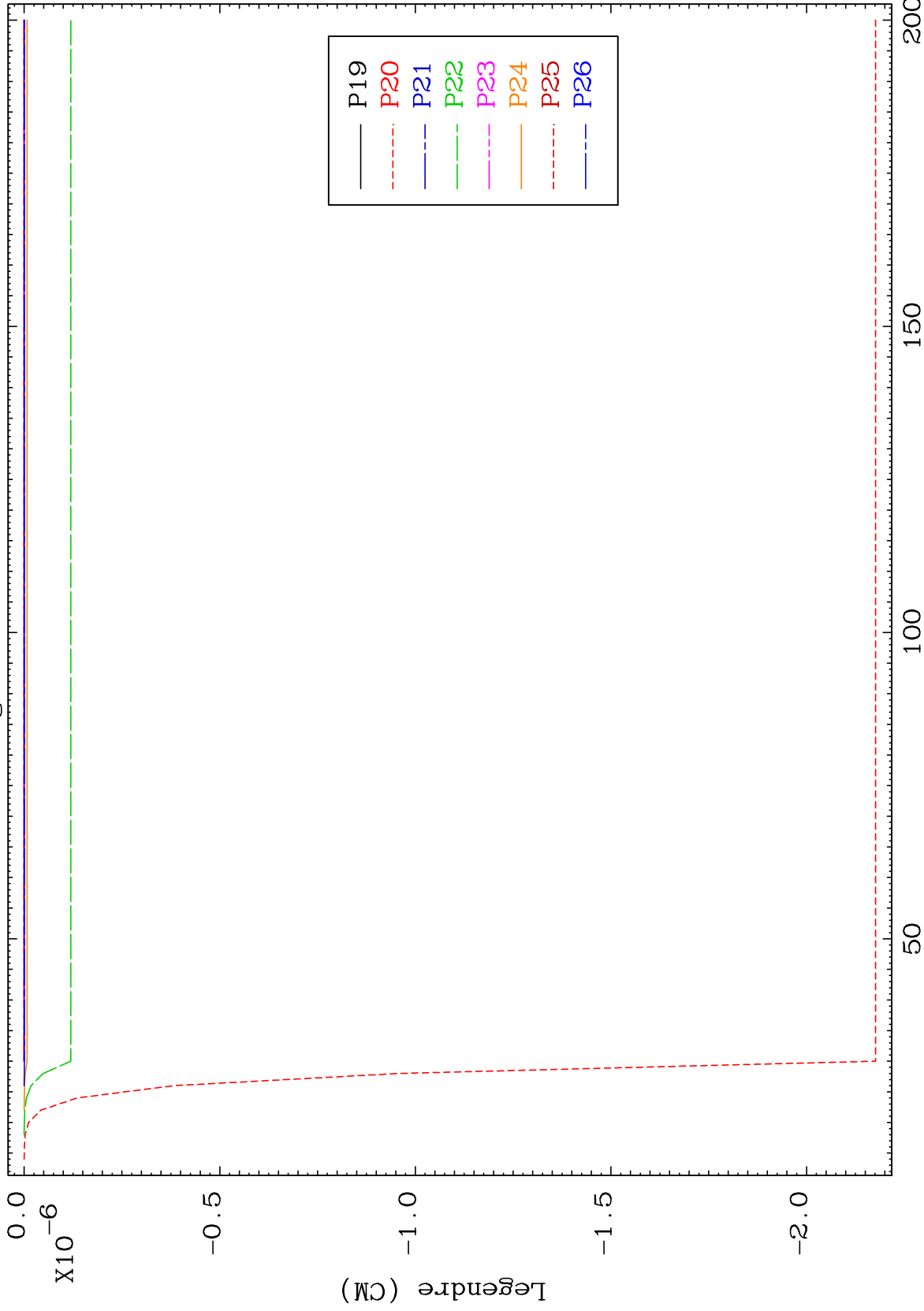
43

58-Ce-137

MAT 5828

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

58-Ce-137



44

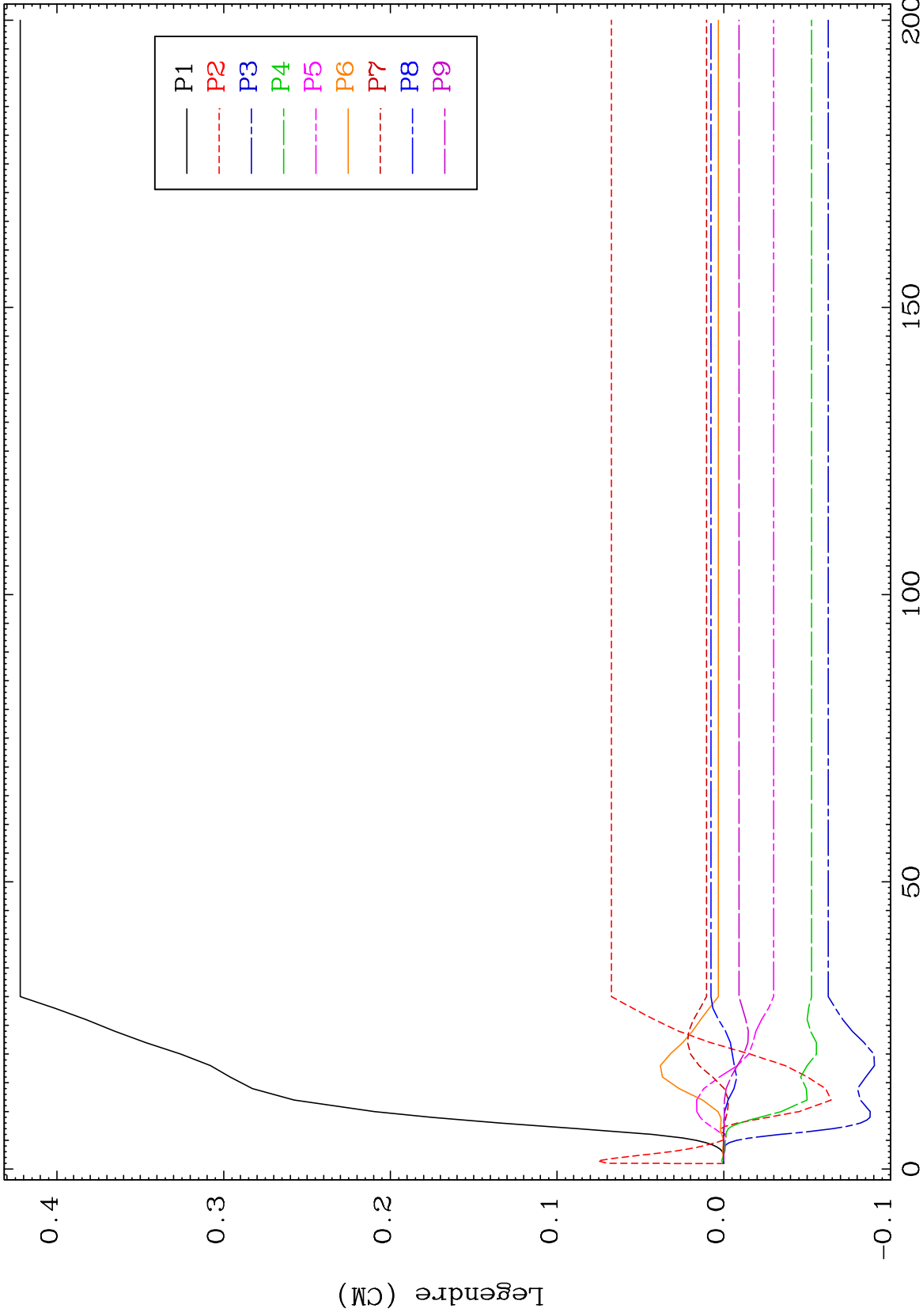
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



45

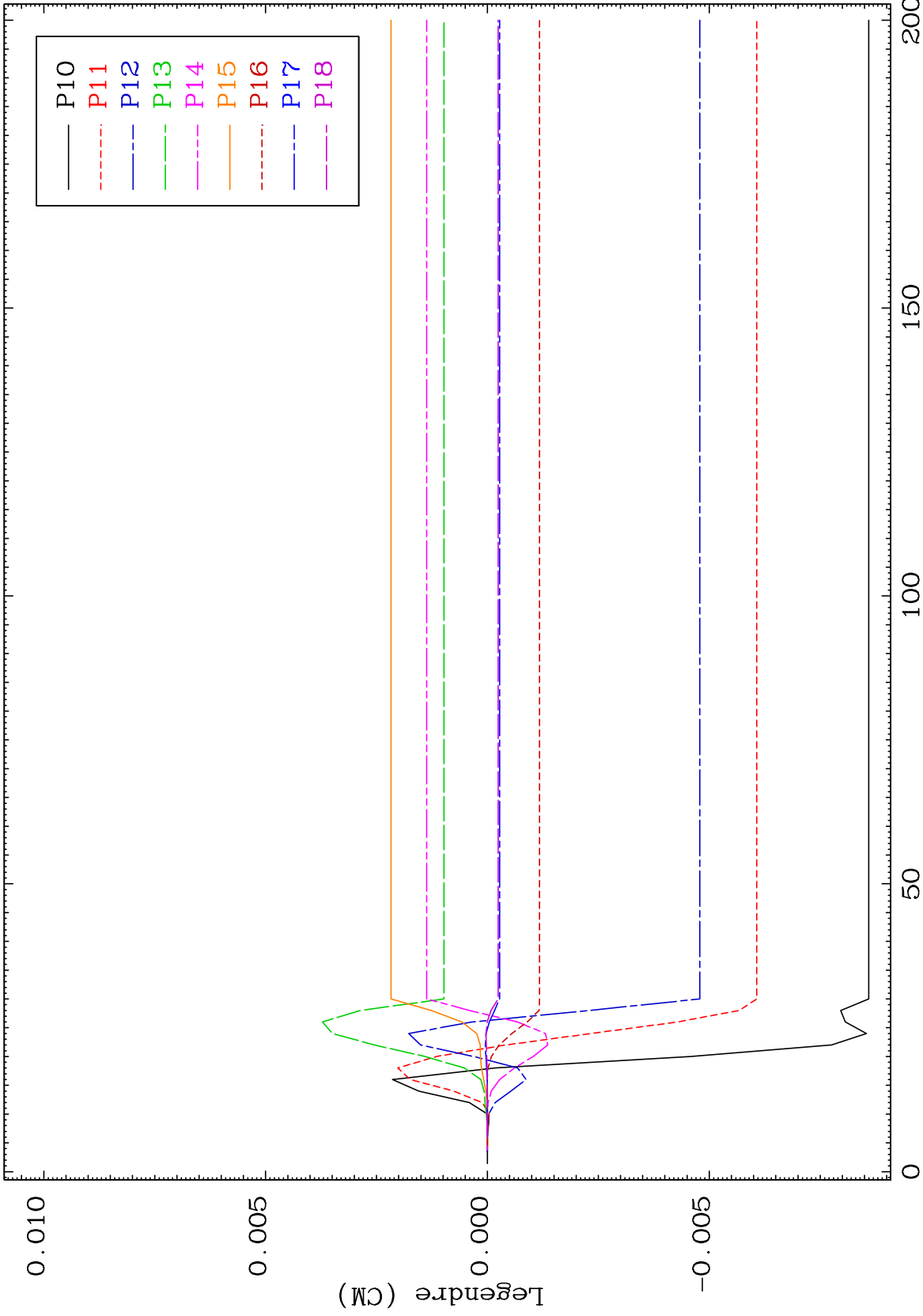
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



46

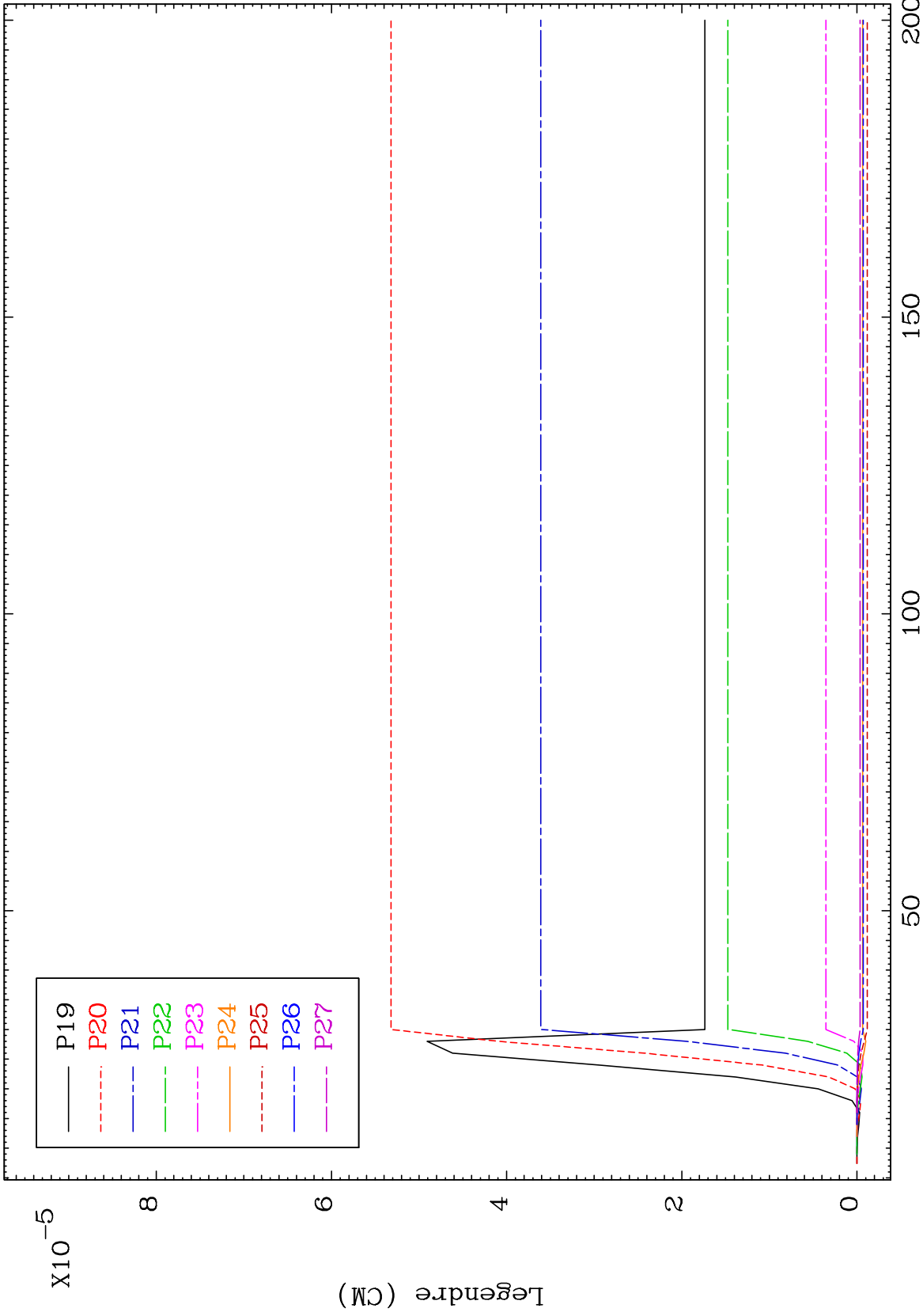
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



47

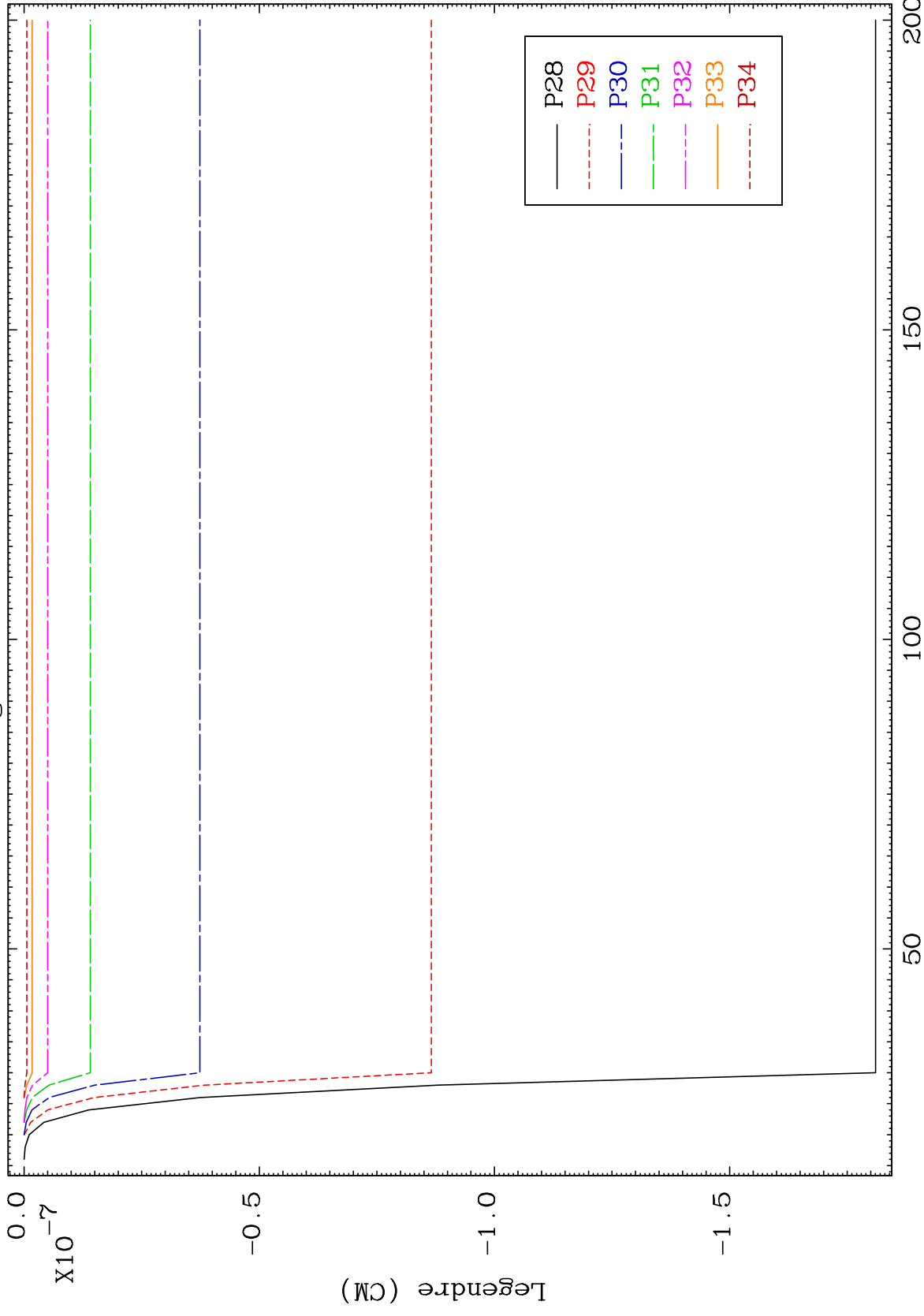
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

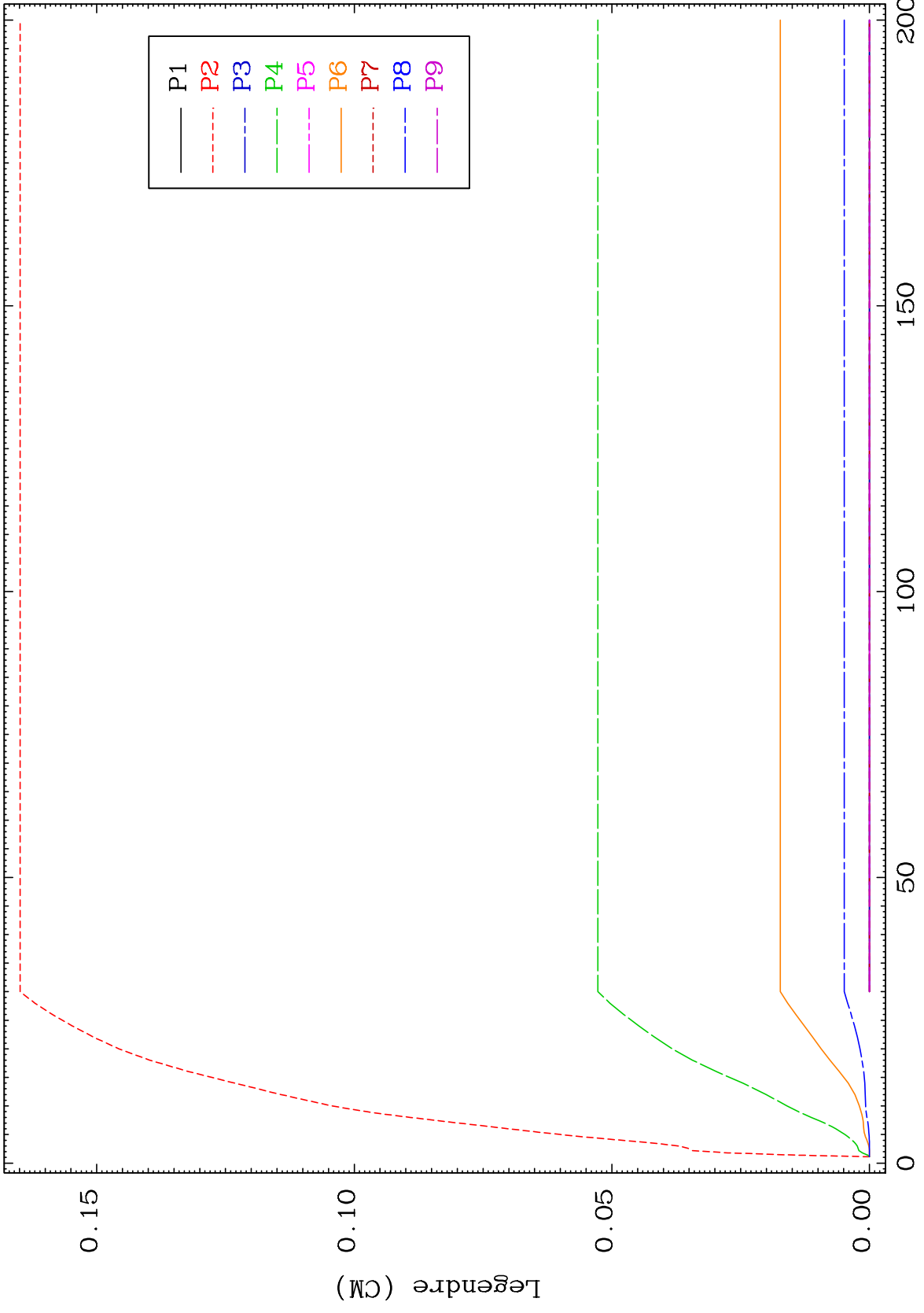
Incident Energy (MeV)

48

MAT 5828

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

58-Ce-137



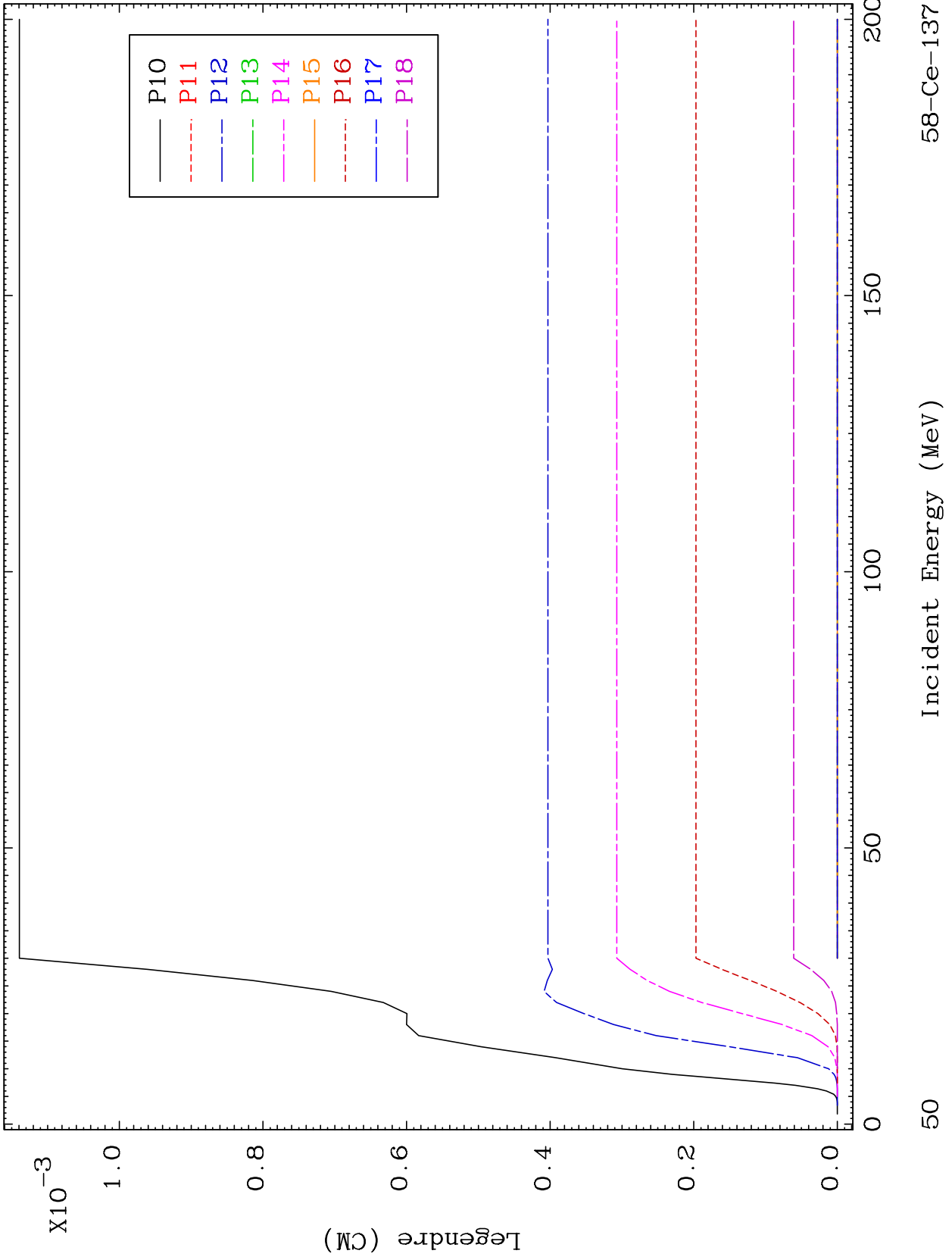
49

58-Ce-137

MAT 5828

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

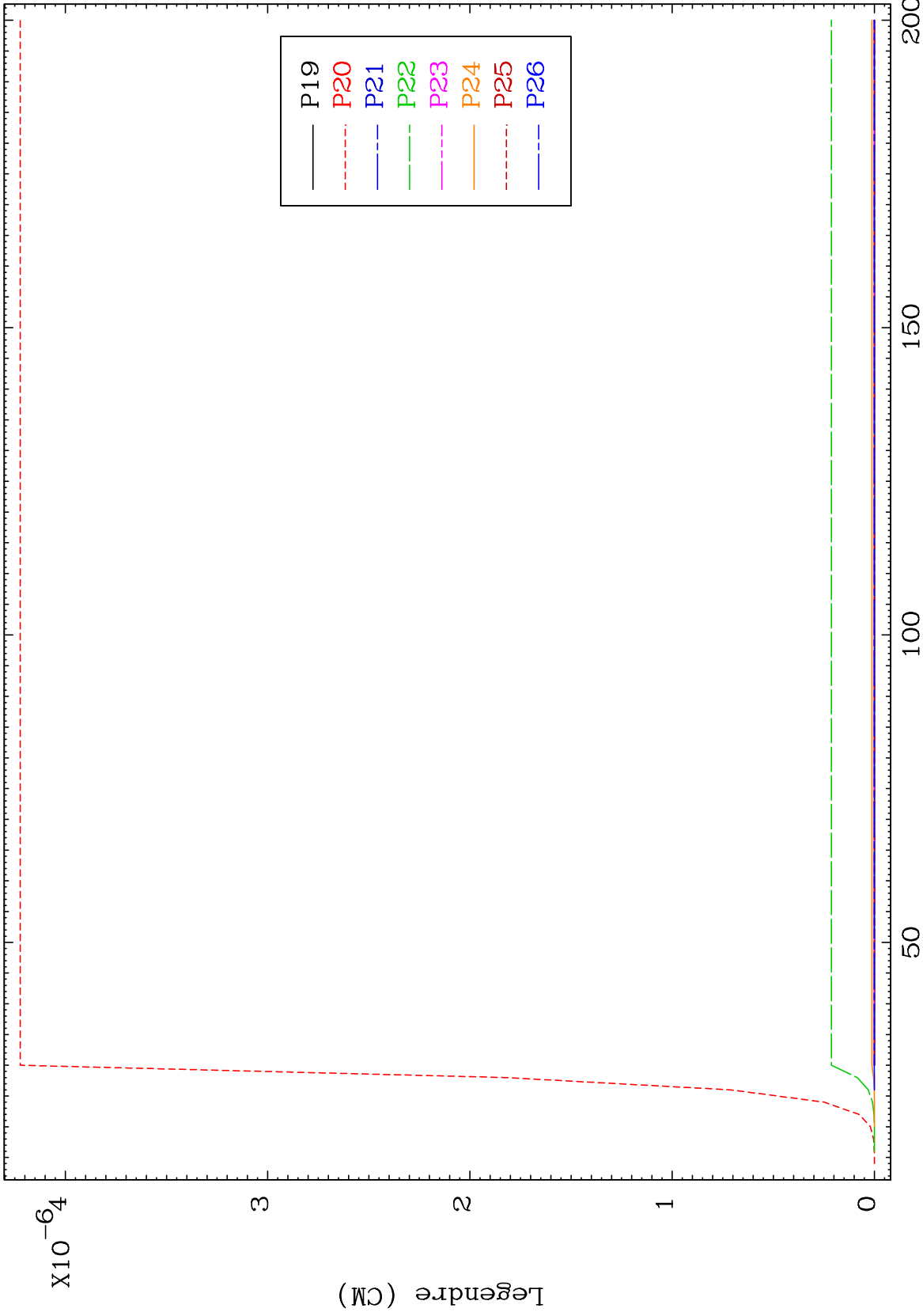
58-Ce-137



MAT 5828

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

58-Ce-137



51

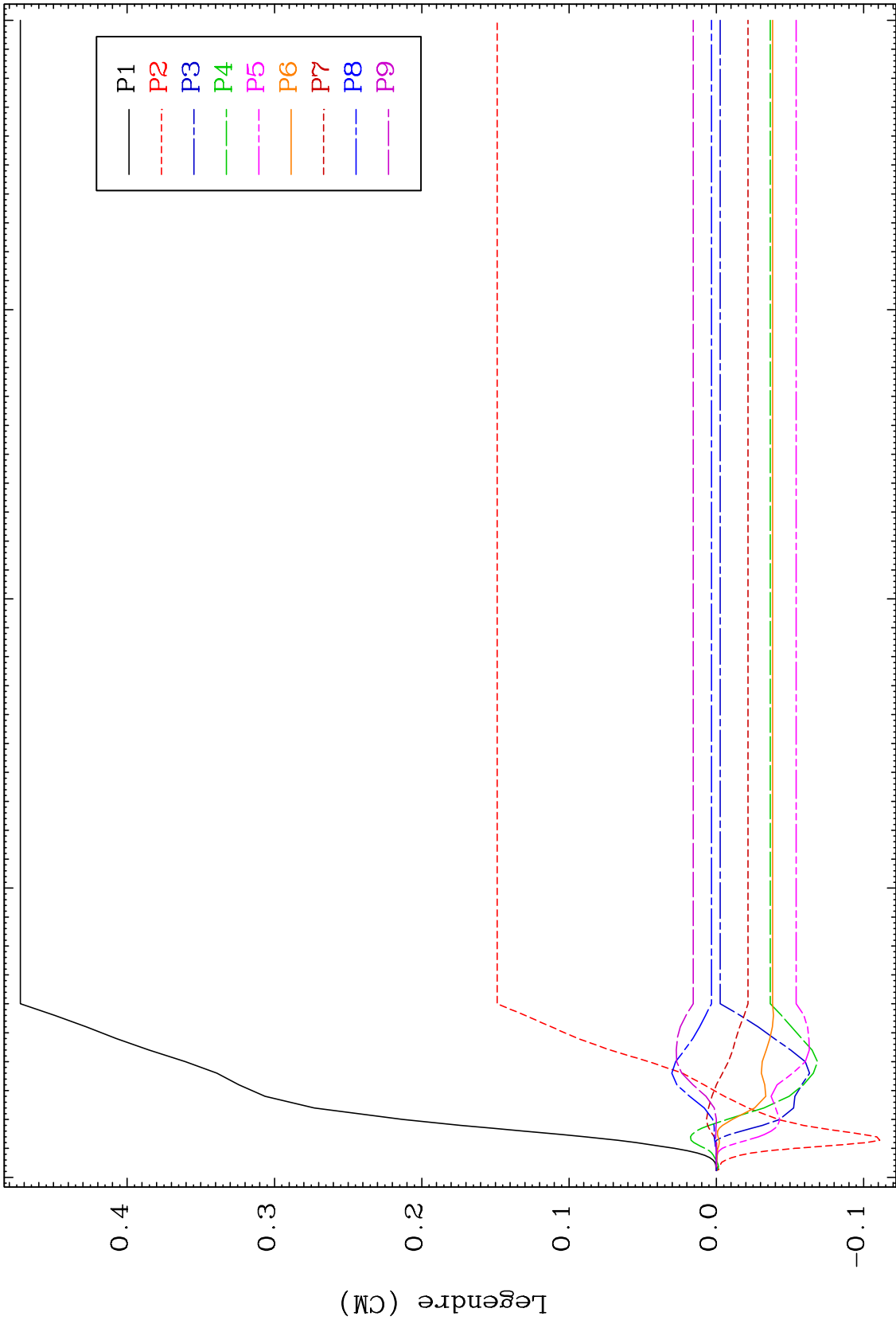
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



52

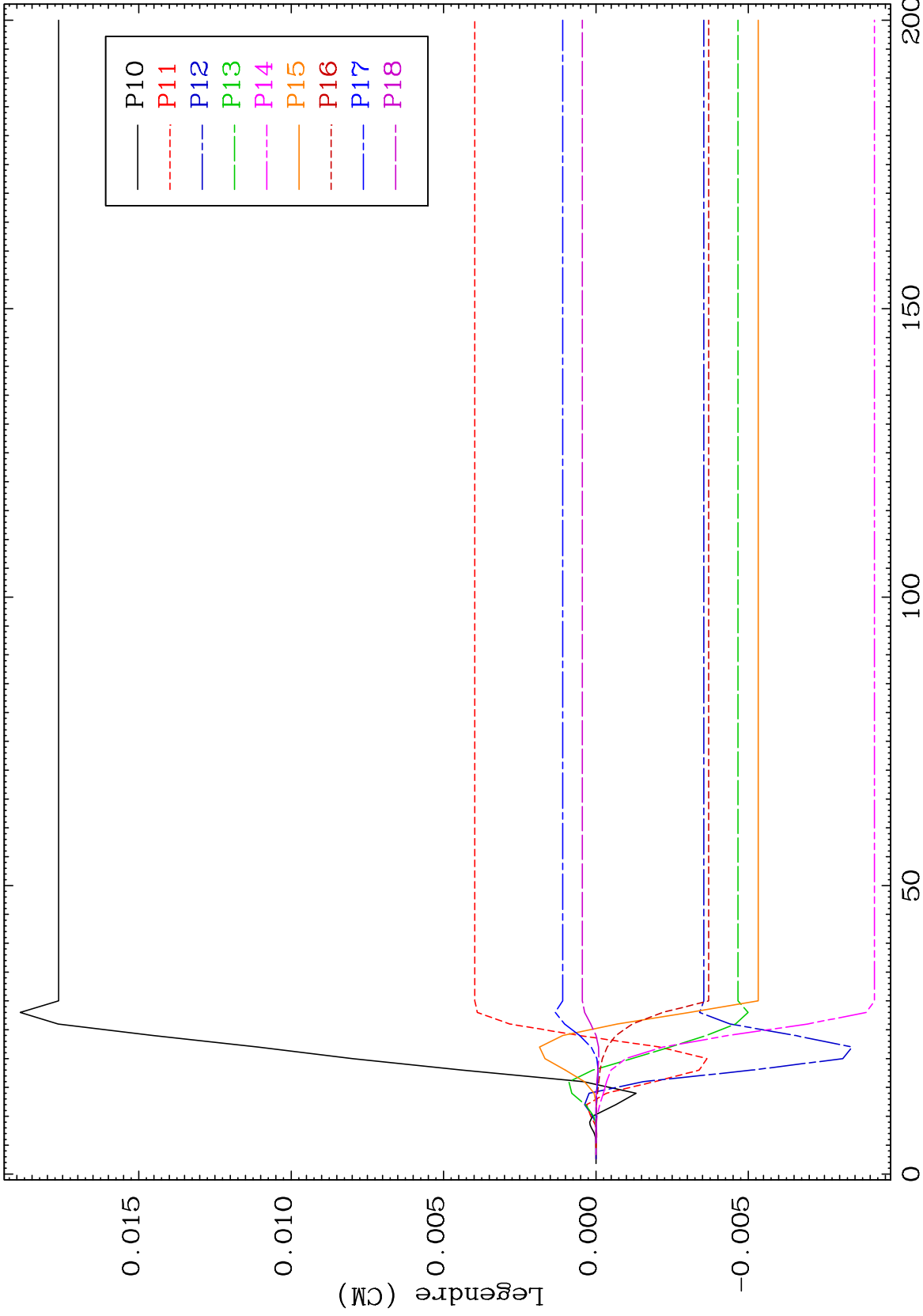
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



53

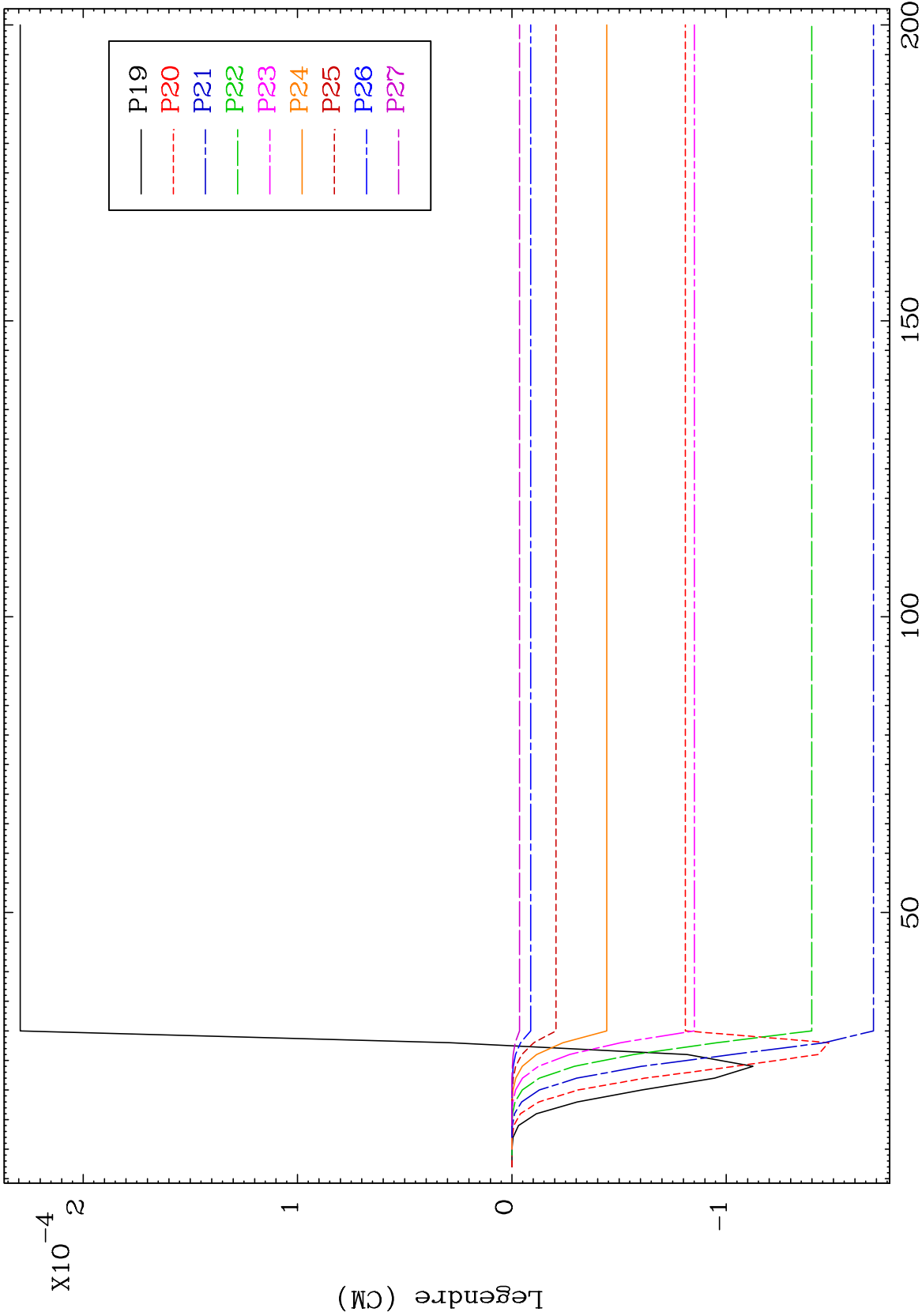
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



54

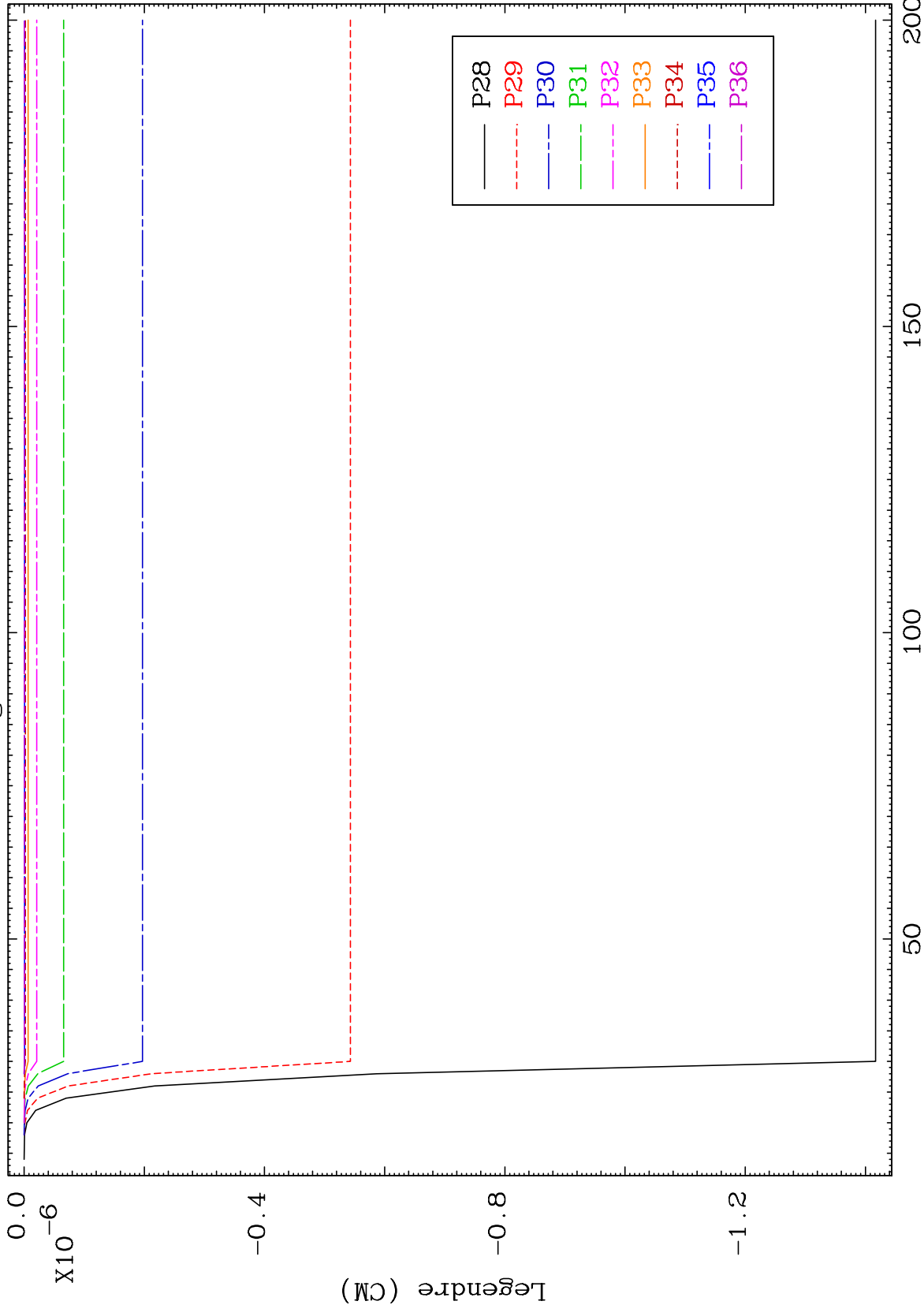
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137

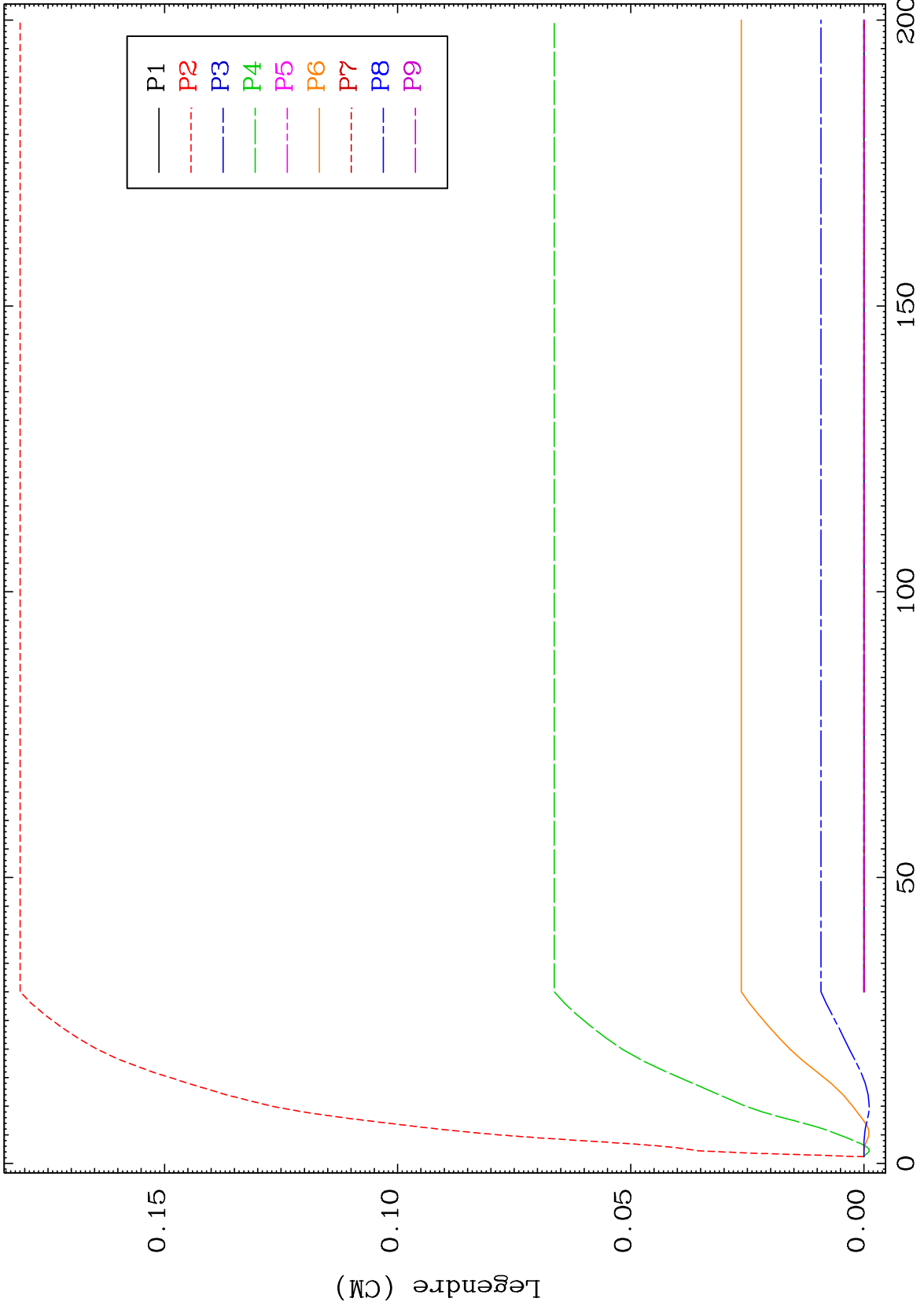


55

Incident Energy (MeV)

58-Ce-137

MAT 5828 MT= 62 (n,n') Level Legendre Coefficients 58-Ce-137

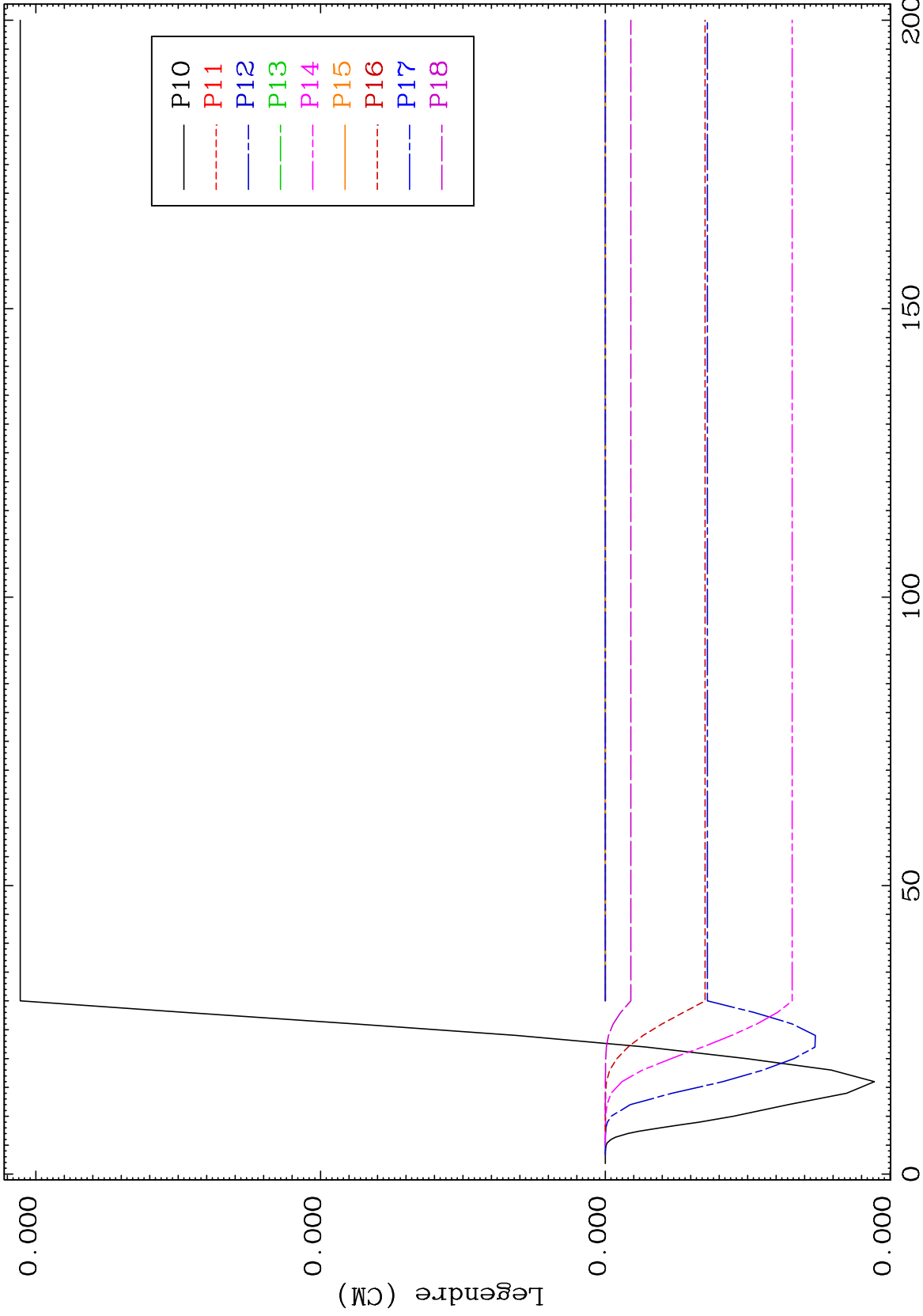


58-Ce-137

MAT 5828

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

58-Ce-137

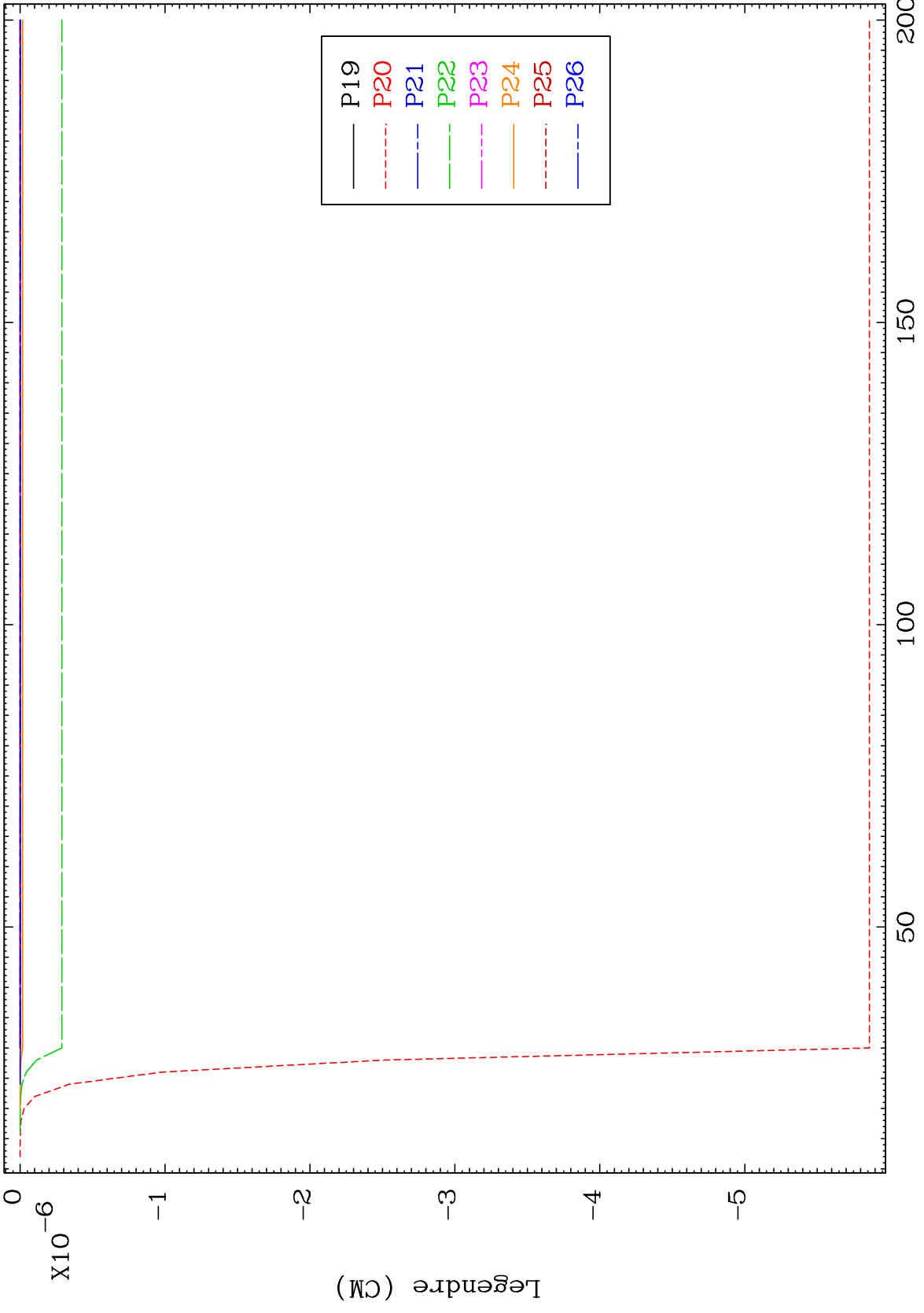


57

Incident Energy (MeV)

58-Ce-137

MAT 5828 MT= 62 (n,n') Level Legendre Coefficients 58-Ce-137

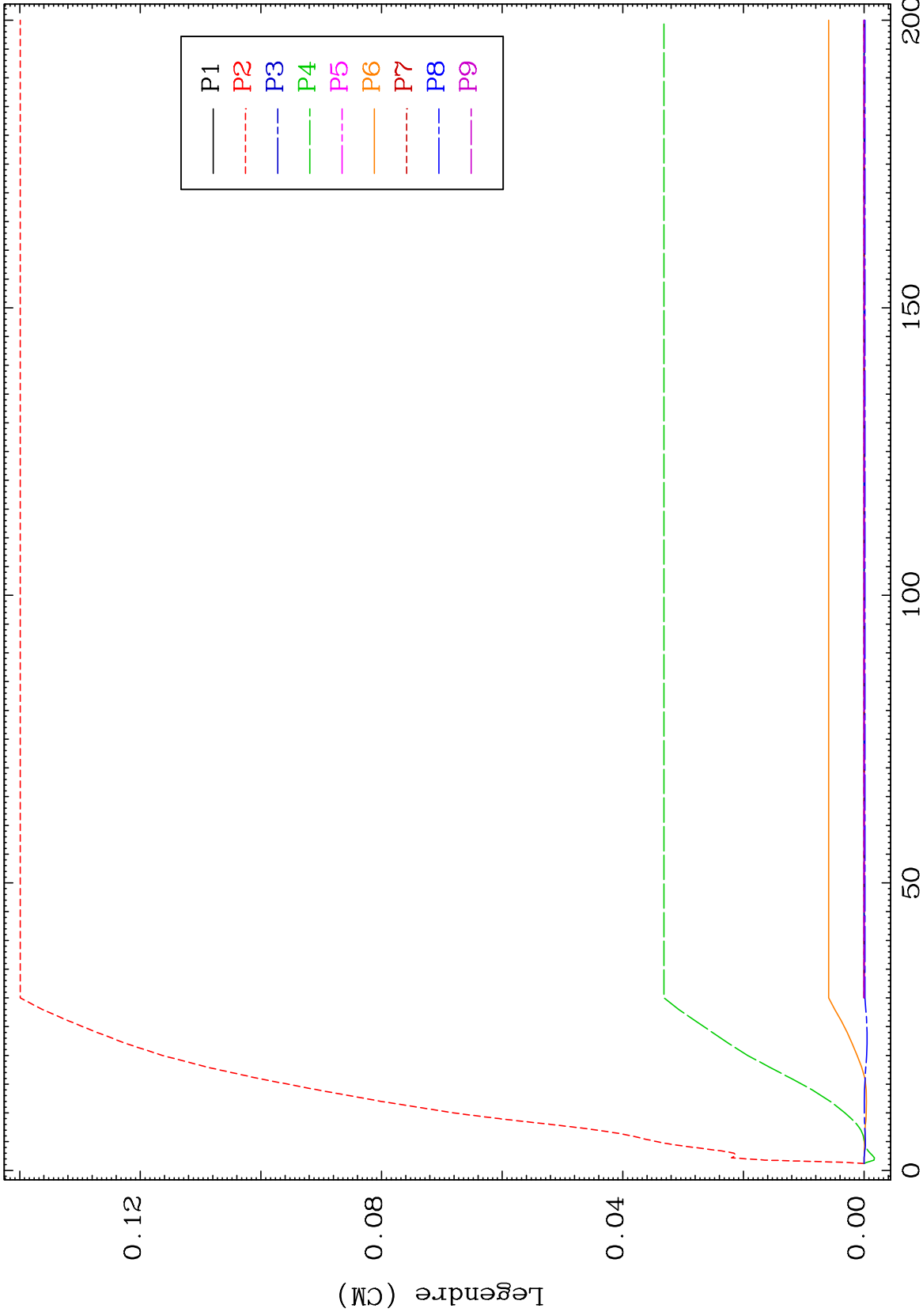


58 58-Ce-137

MAT 5828

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

58-Ce-137



59

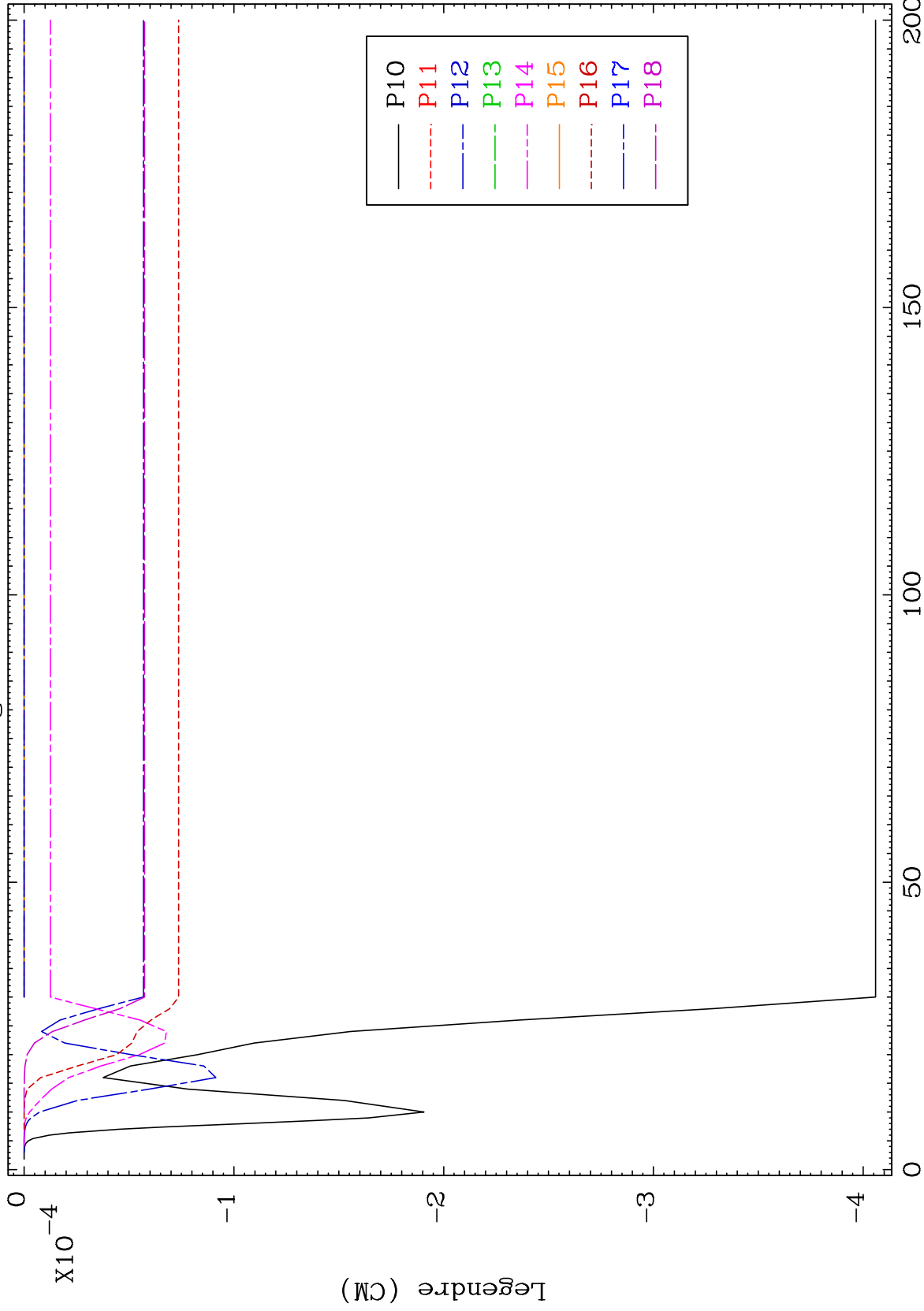
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



60

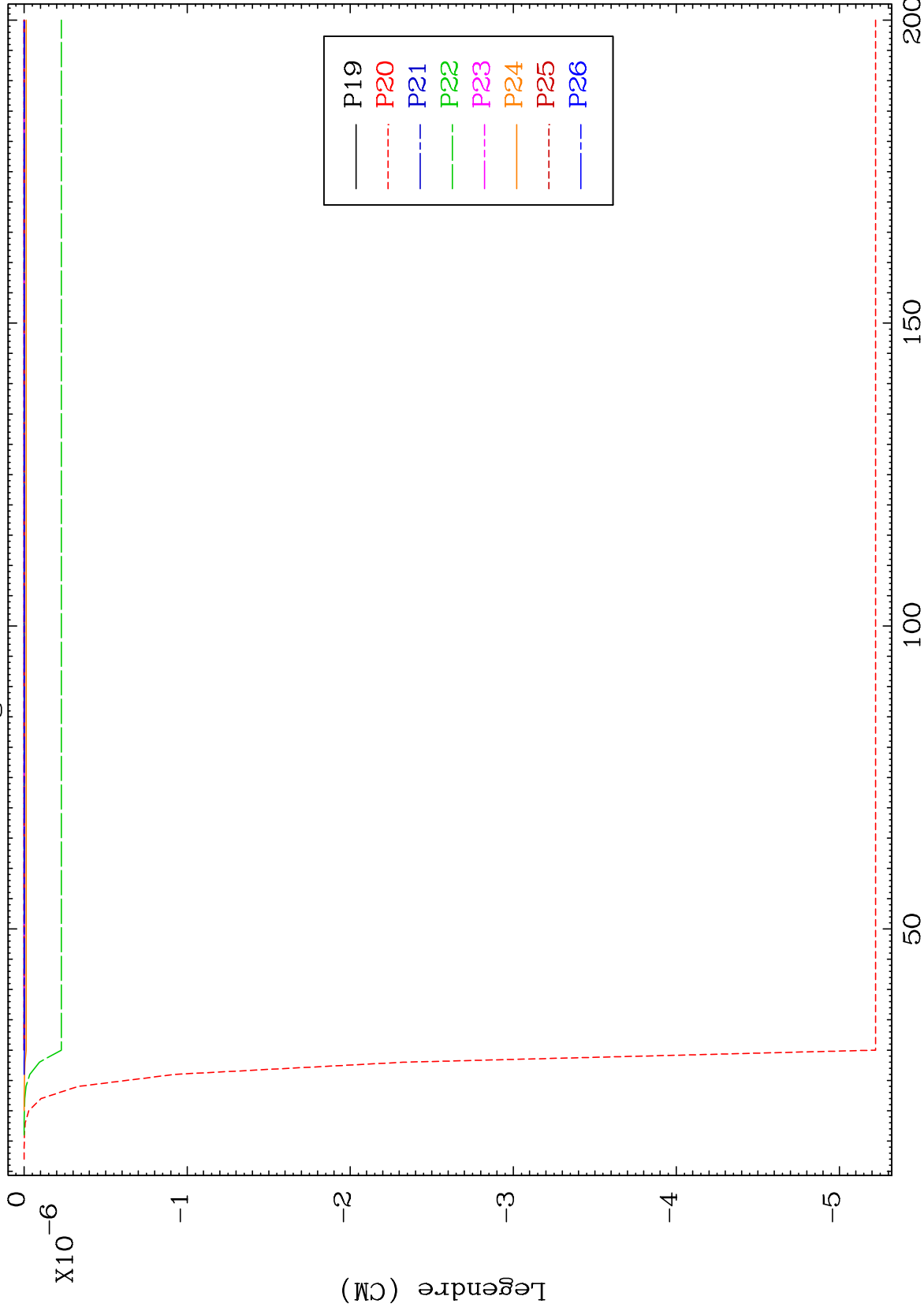
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



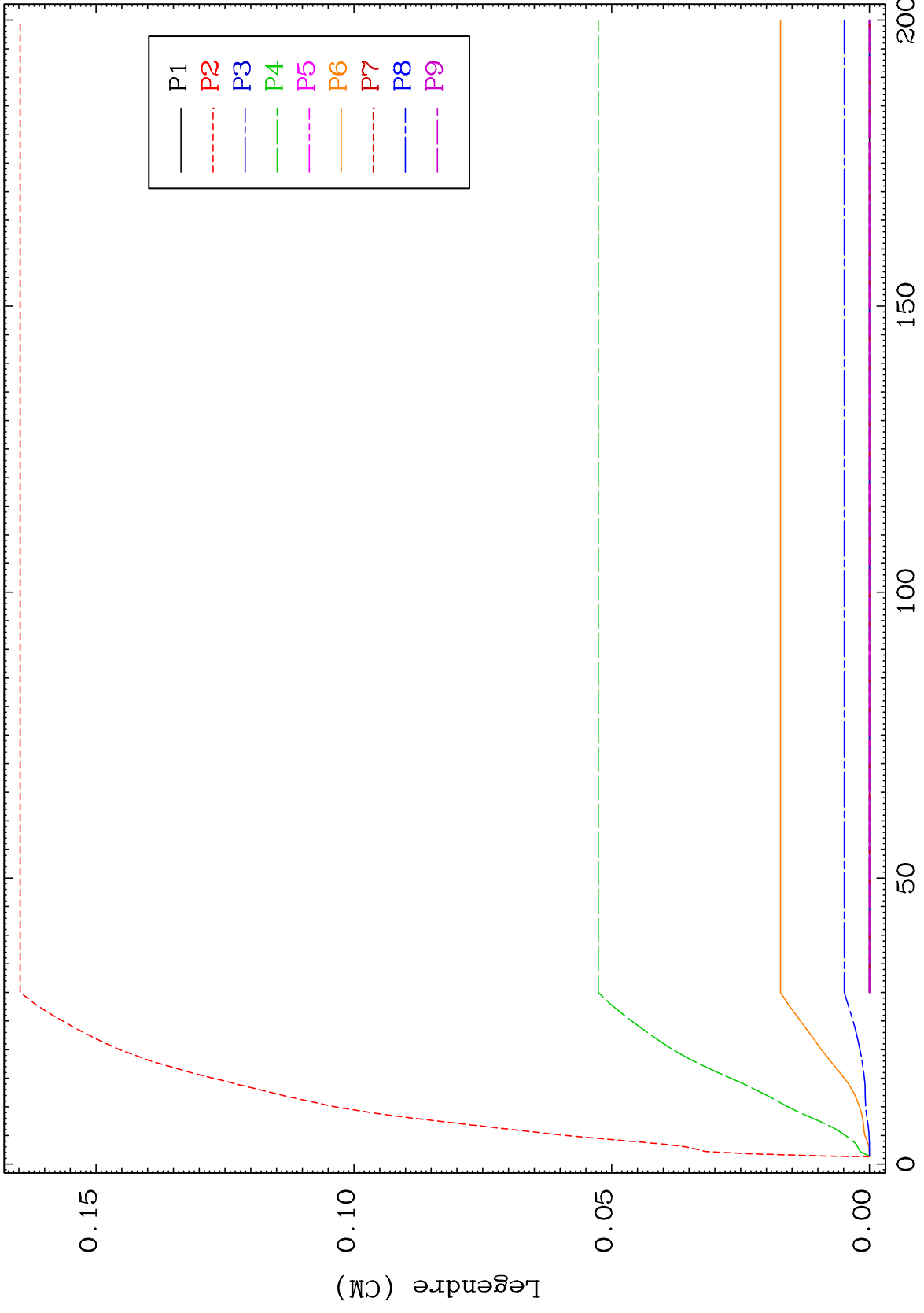
61

58-Ce-137

MAT 5828

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

58-Ce-137



62

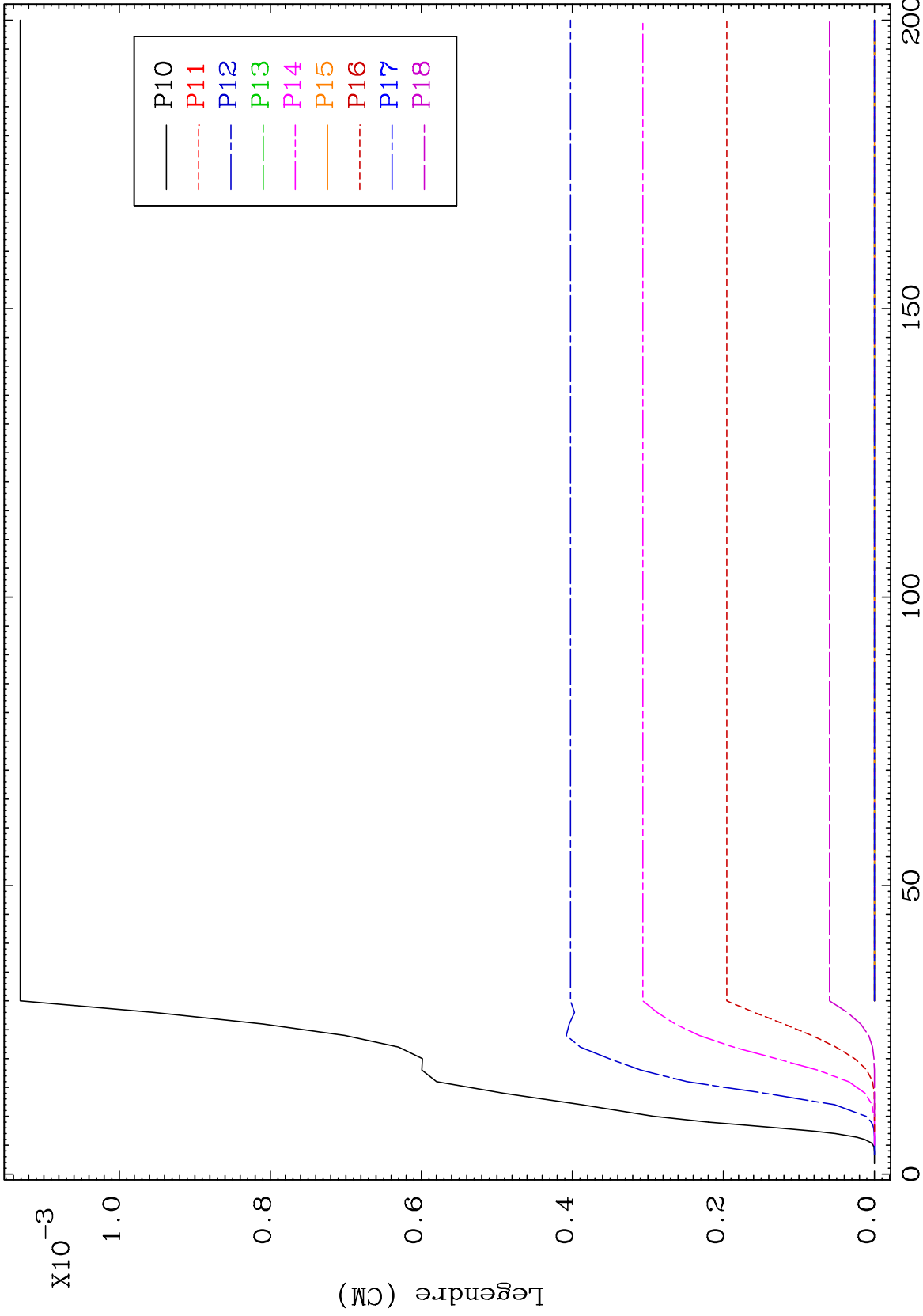
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



63

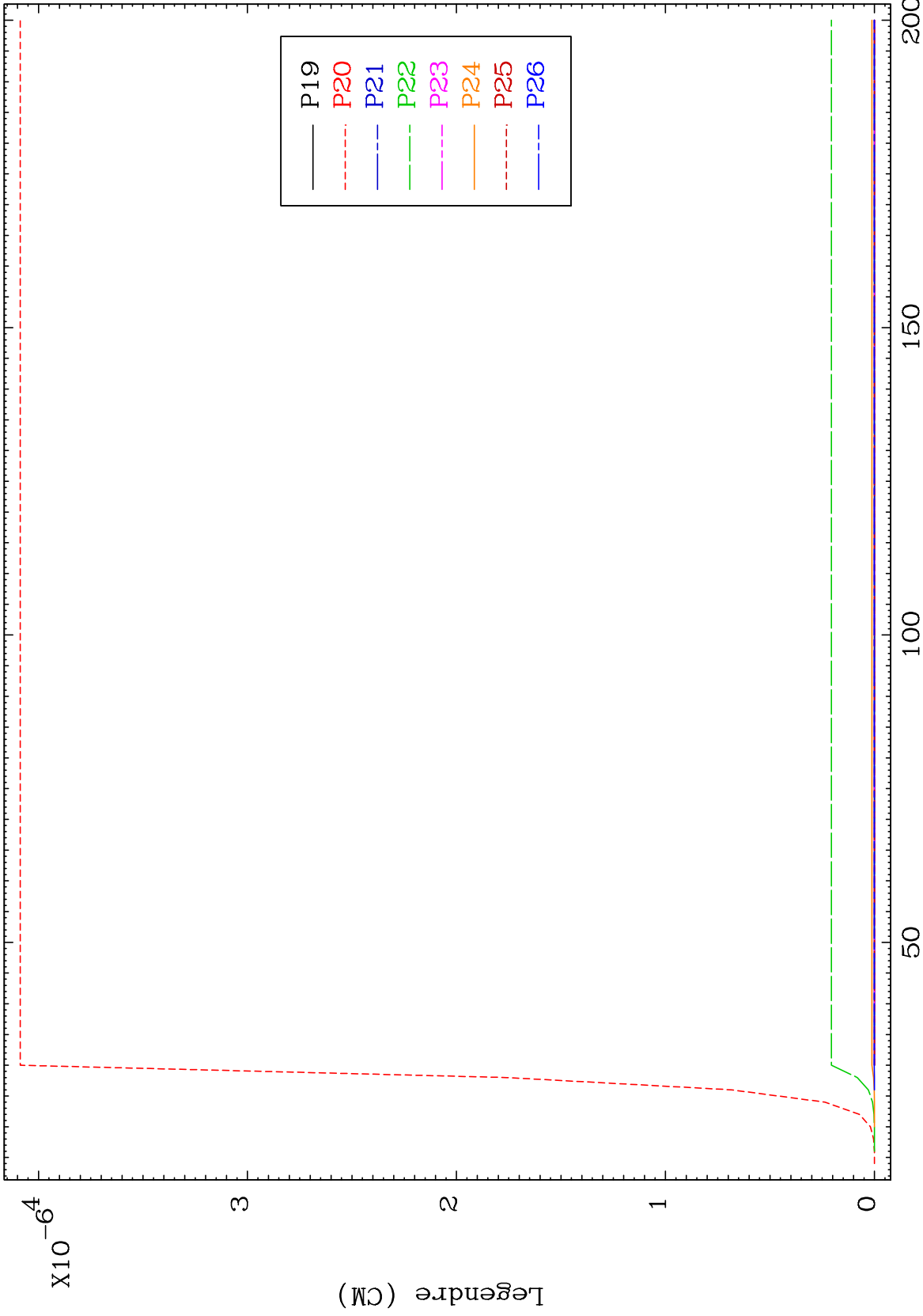
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



64

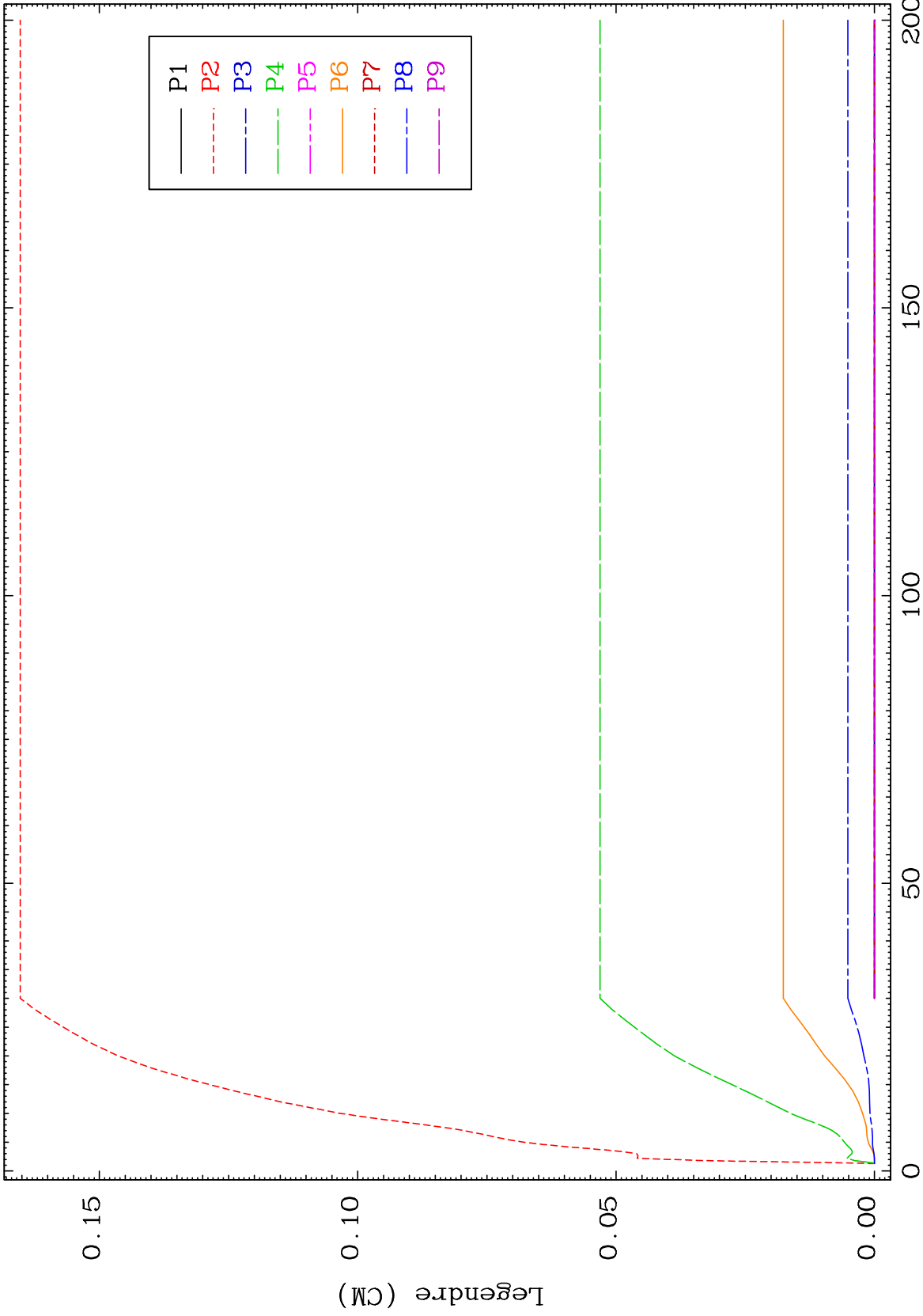
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



65

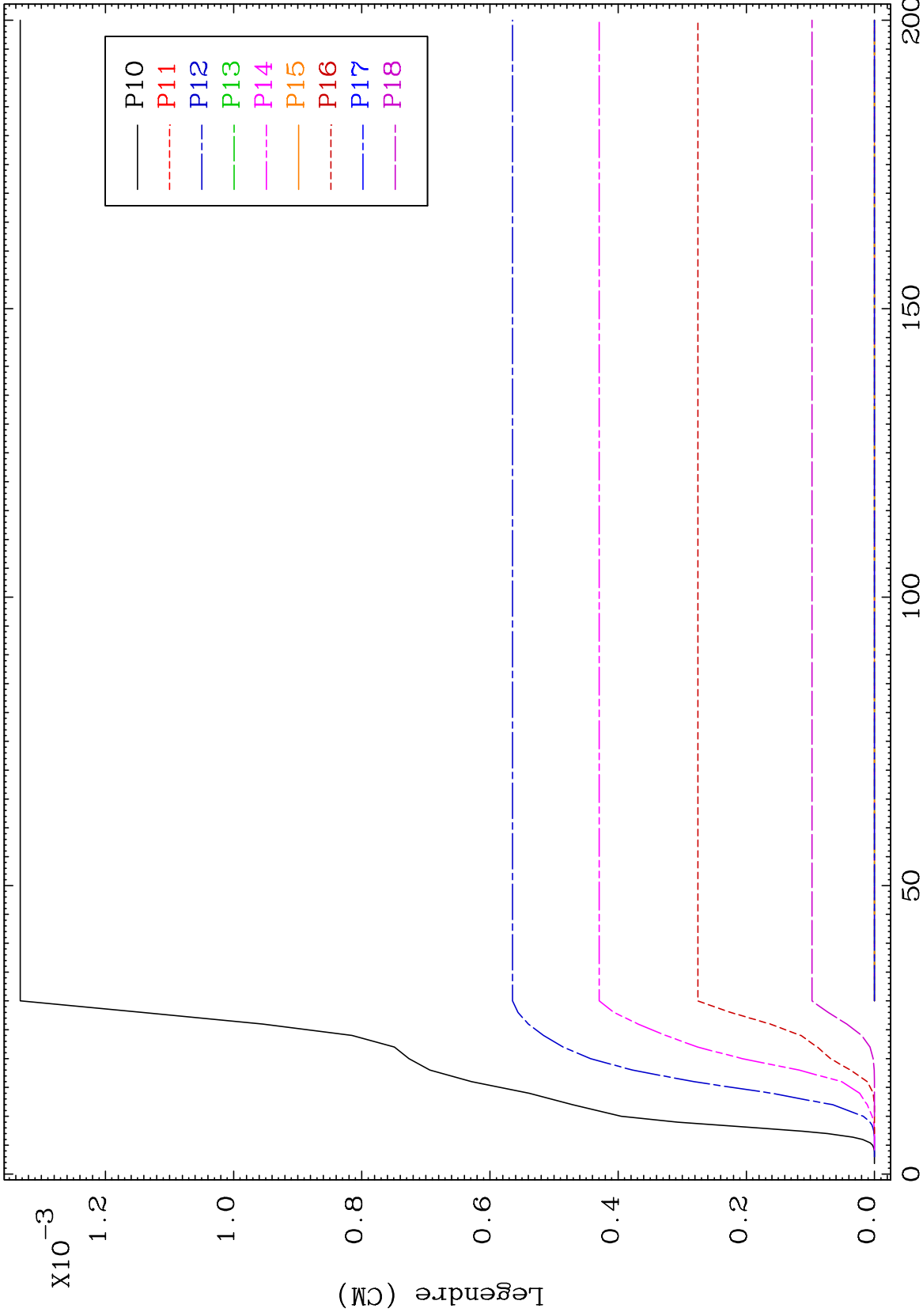
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



66

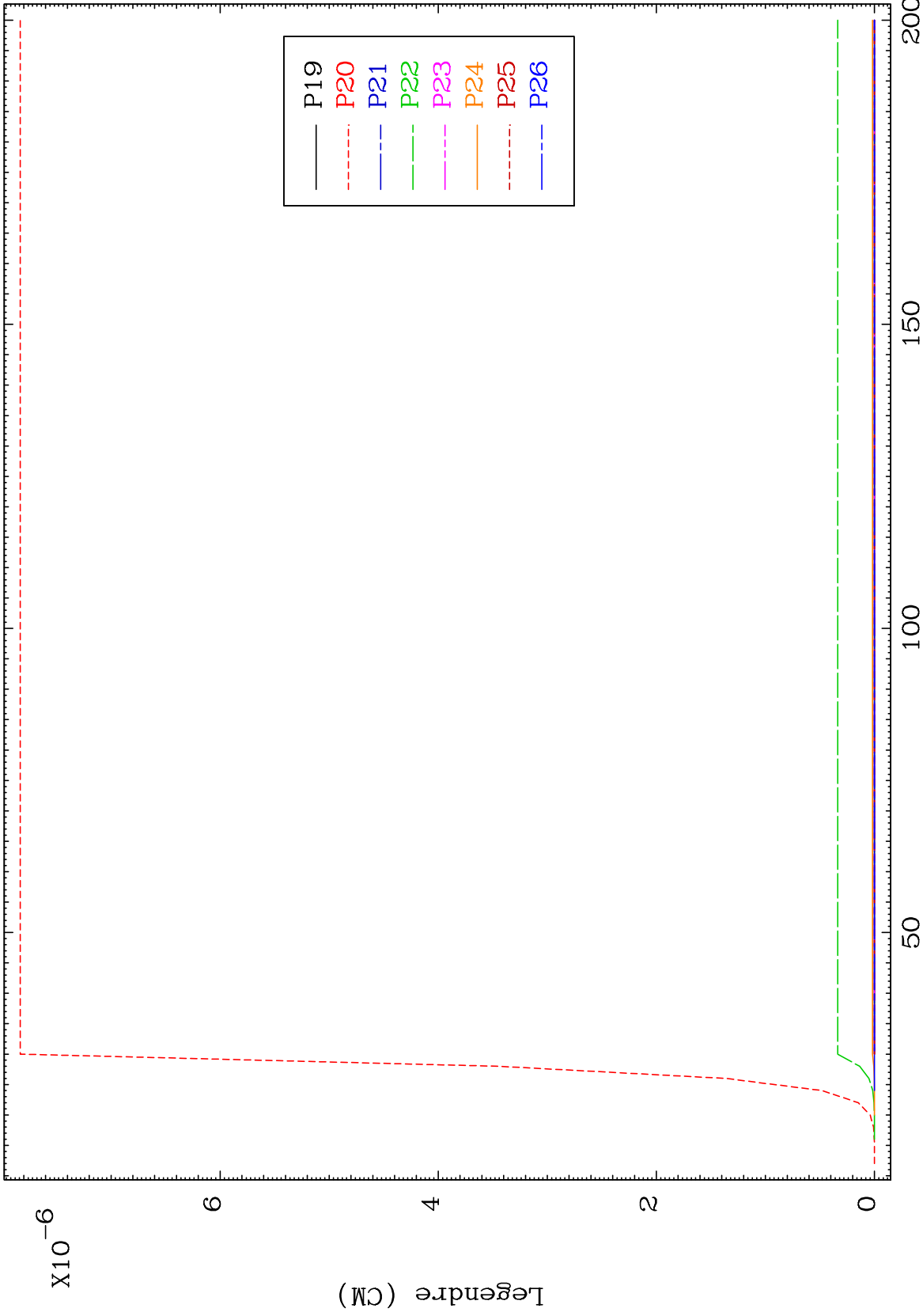
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



67

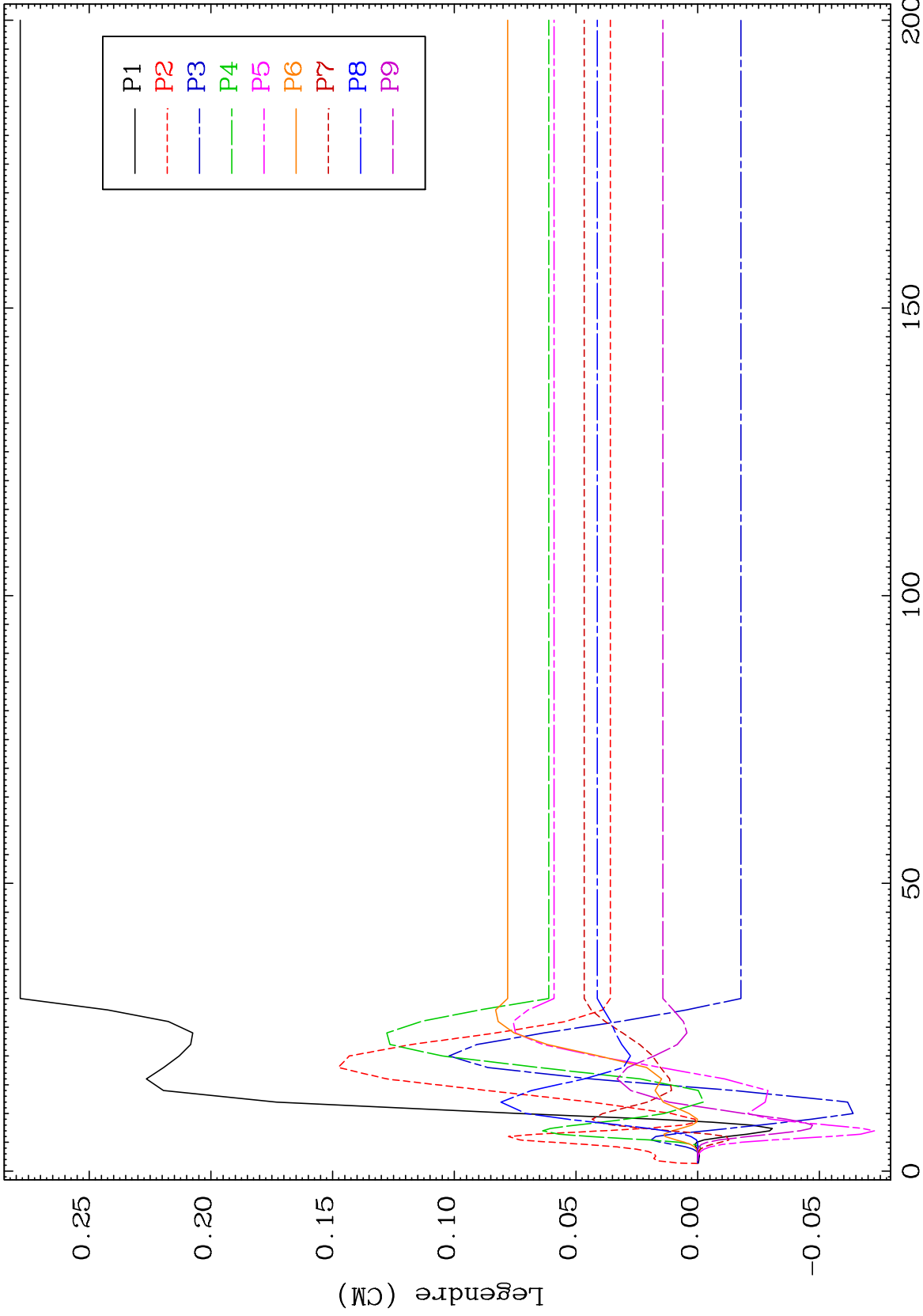
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



68

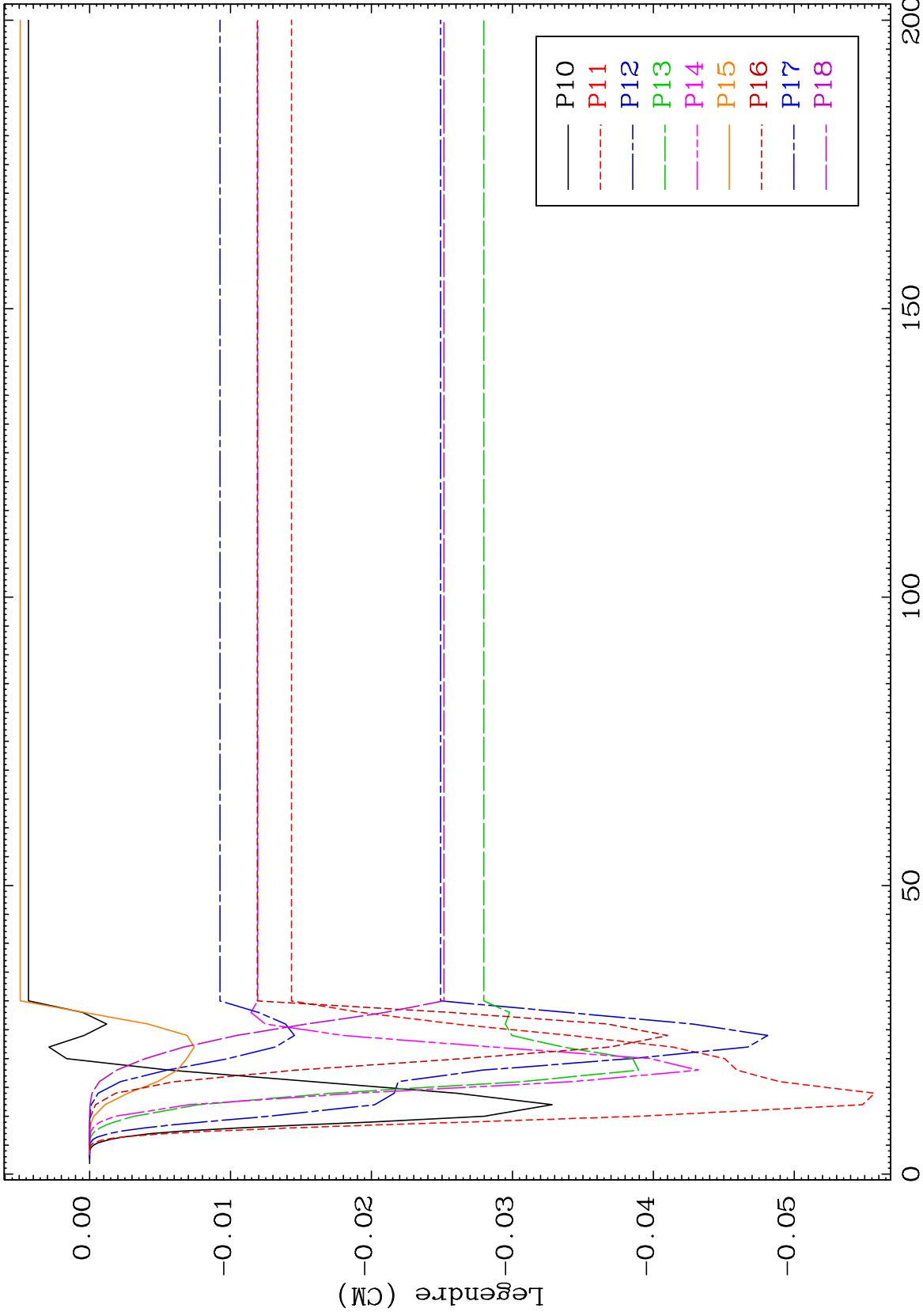
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



69

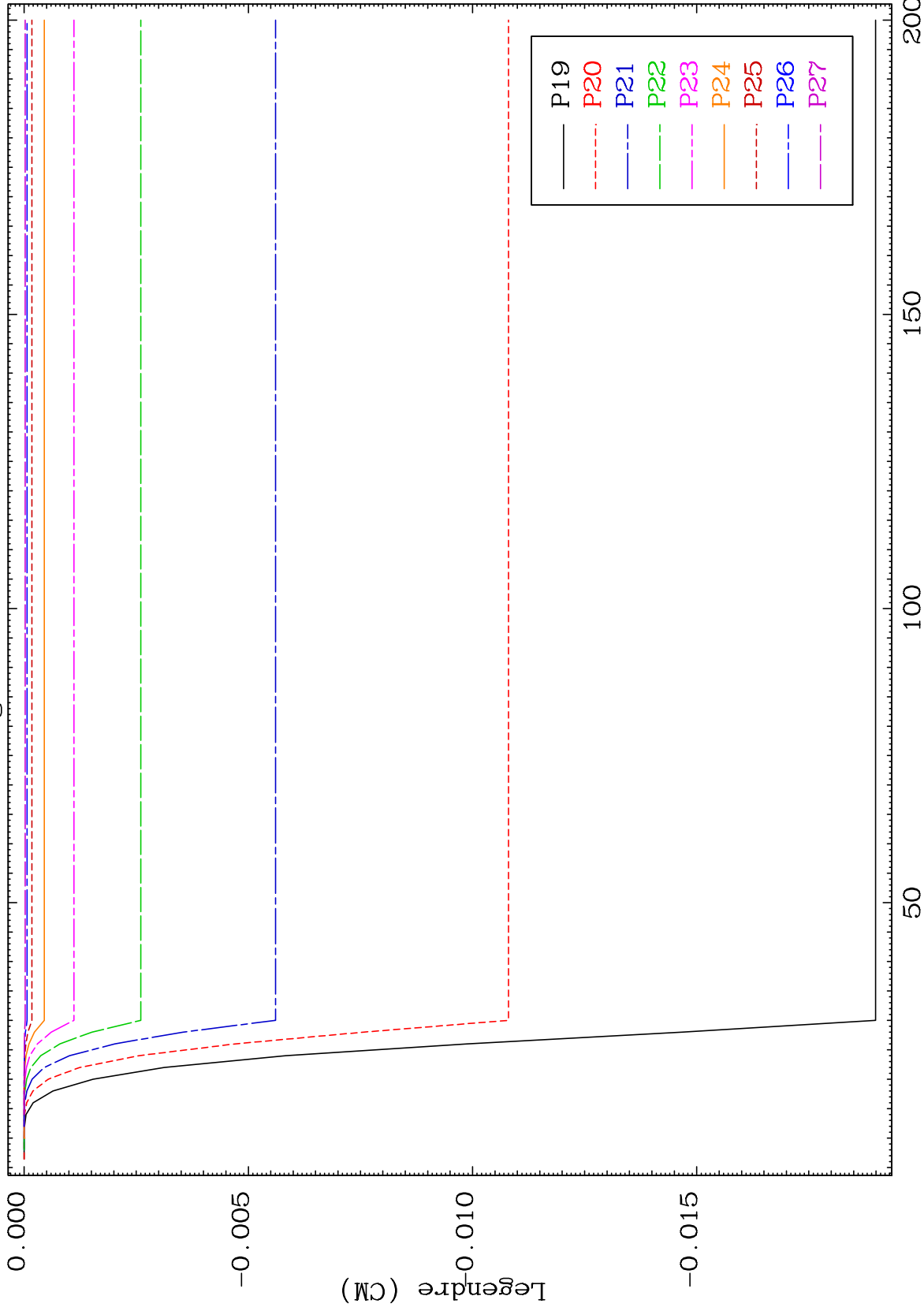
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

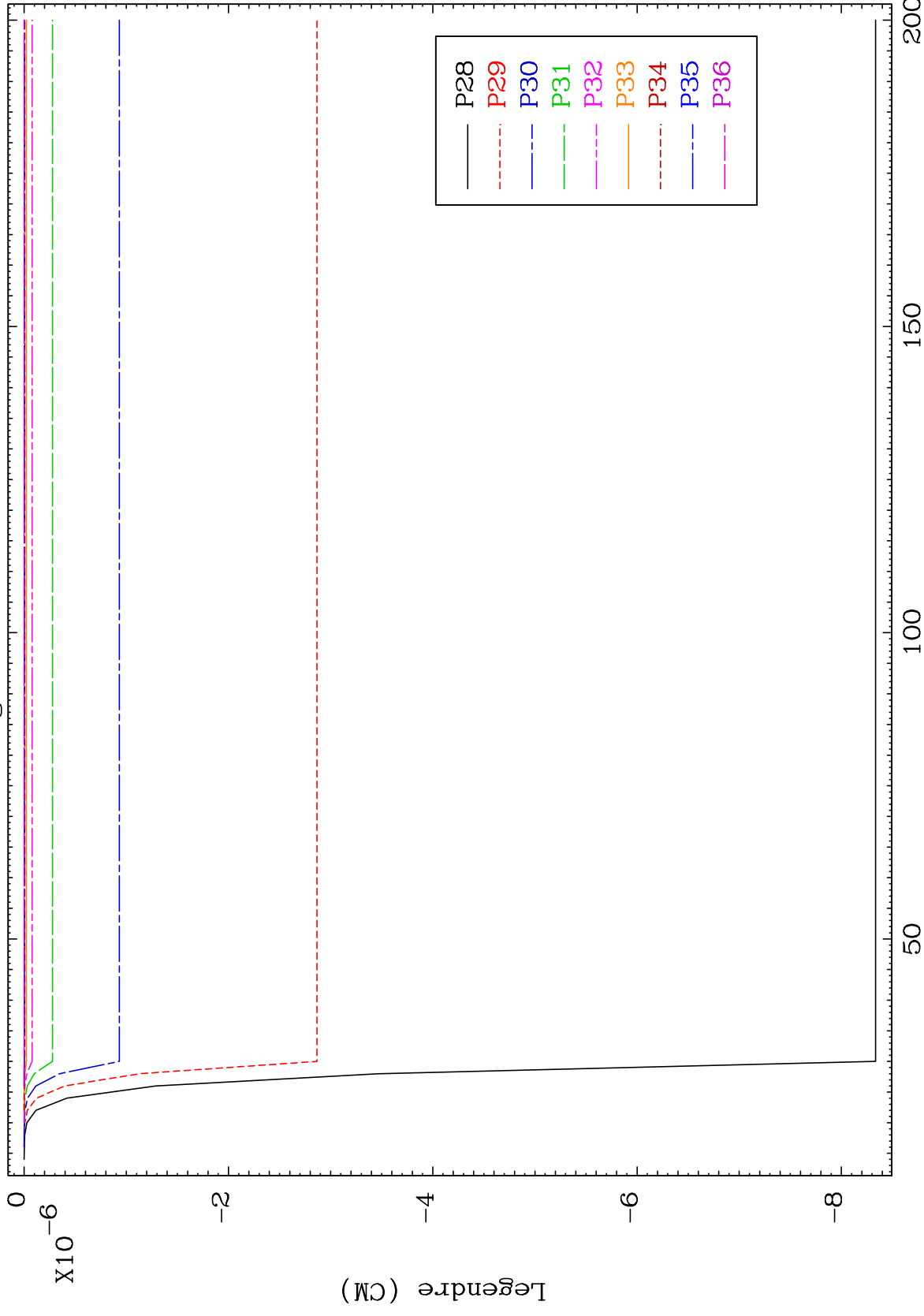
Incident Energy (MeV)

70

MAT 5828

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

58-Ce-137



58-Ce-137

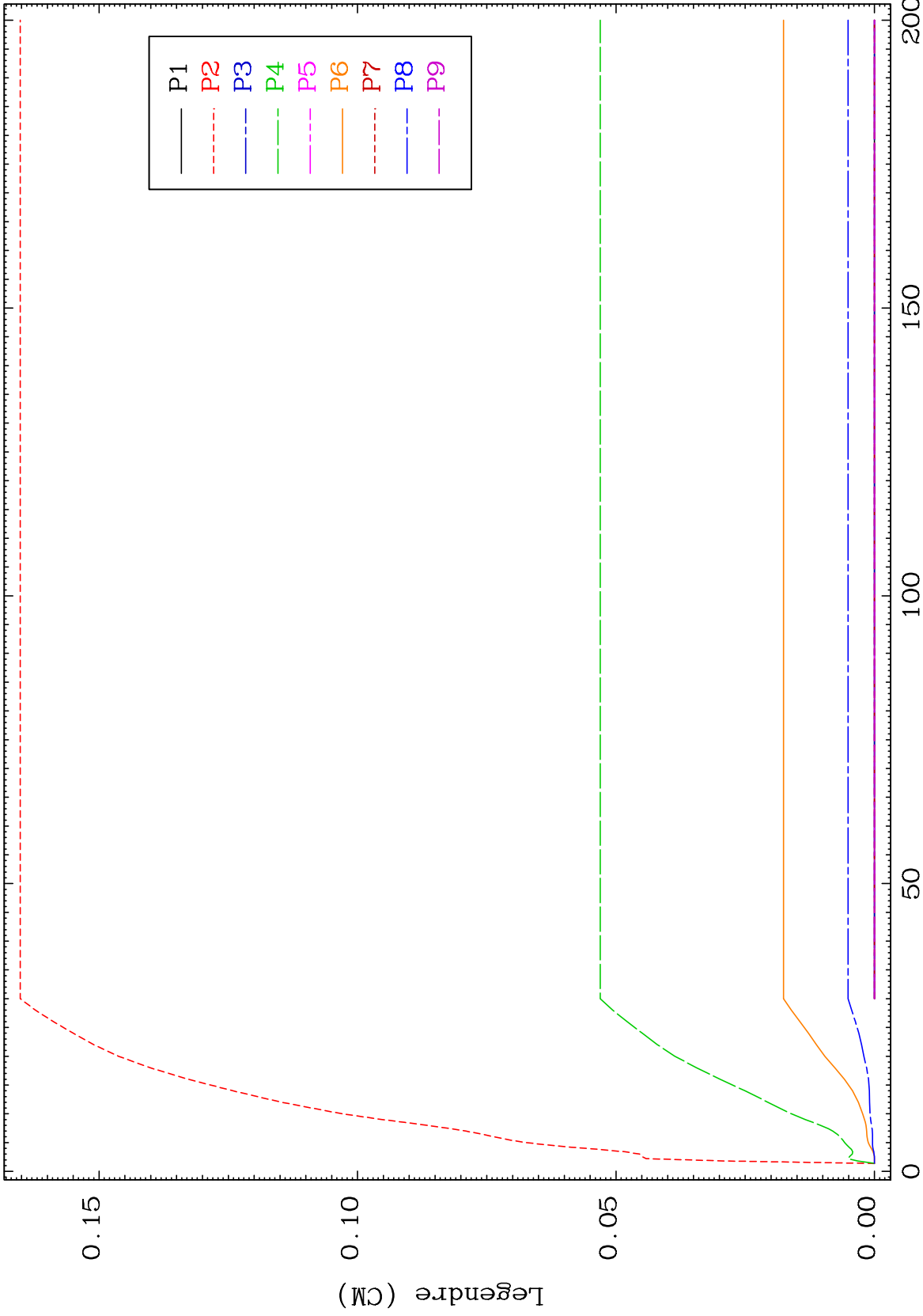
Incident Energy (MeV)

71

MAT 5828

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

58-Ce-137



72

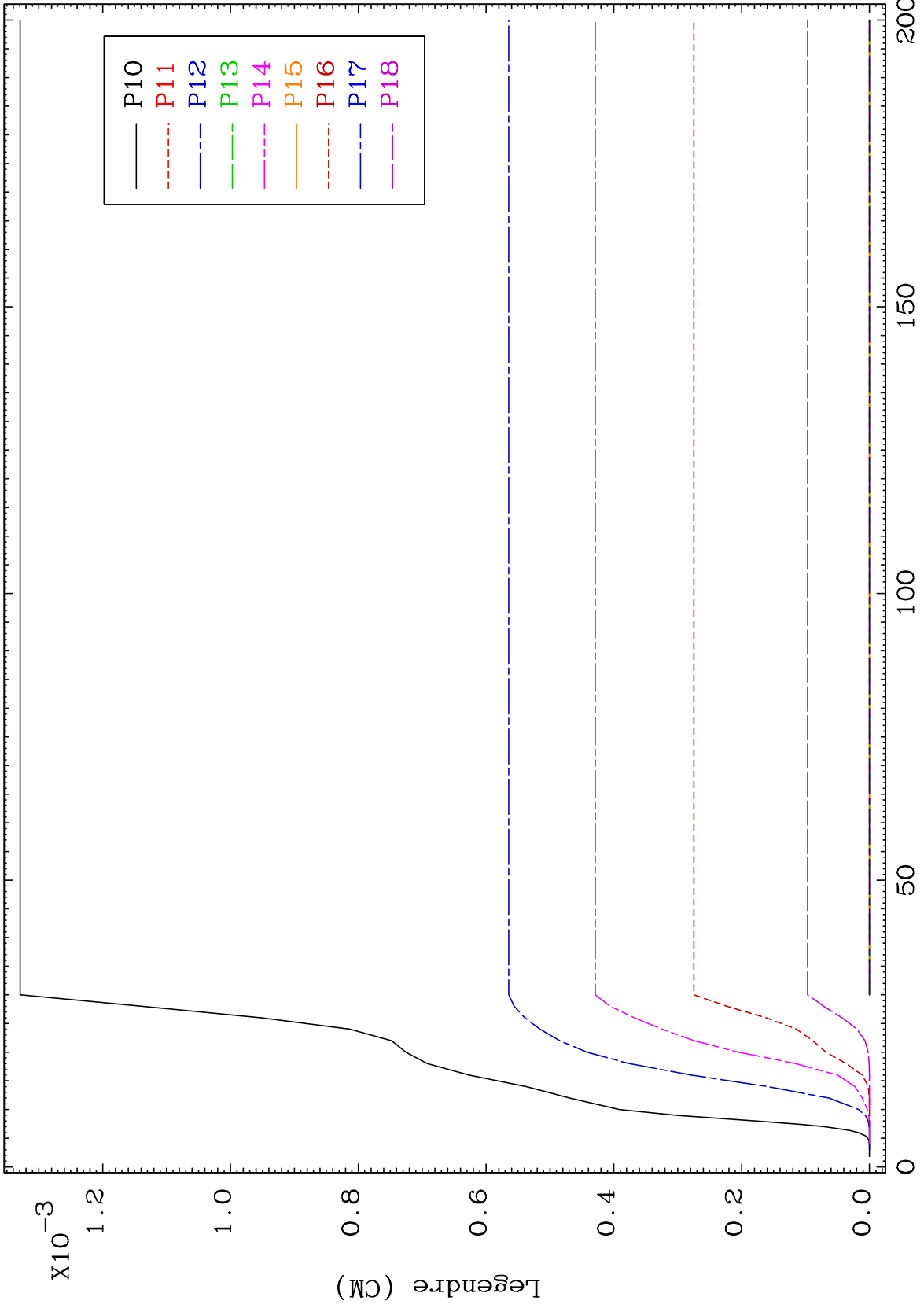
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



73

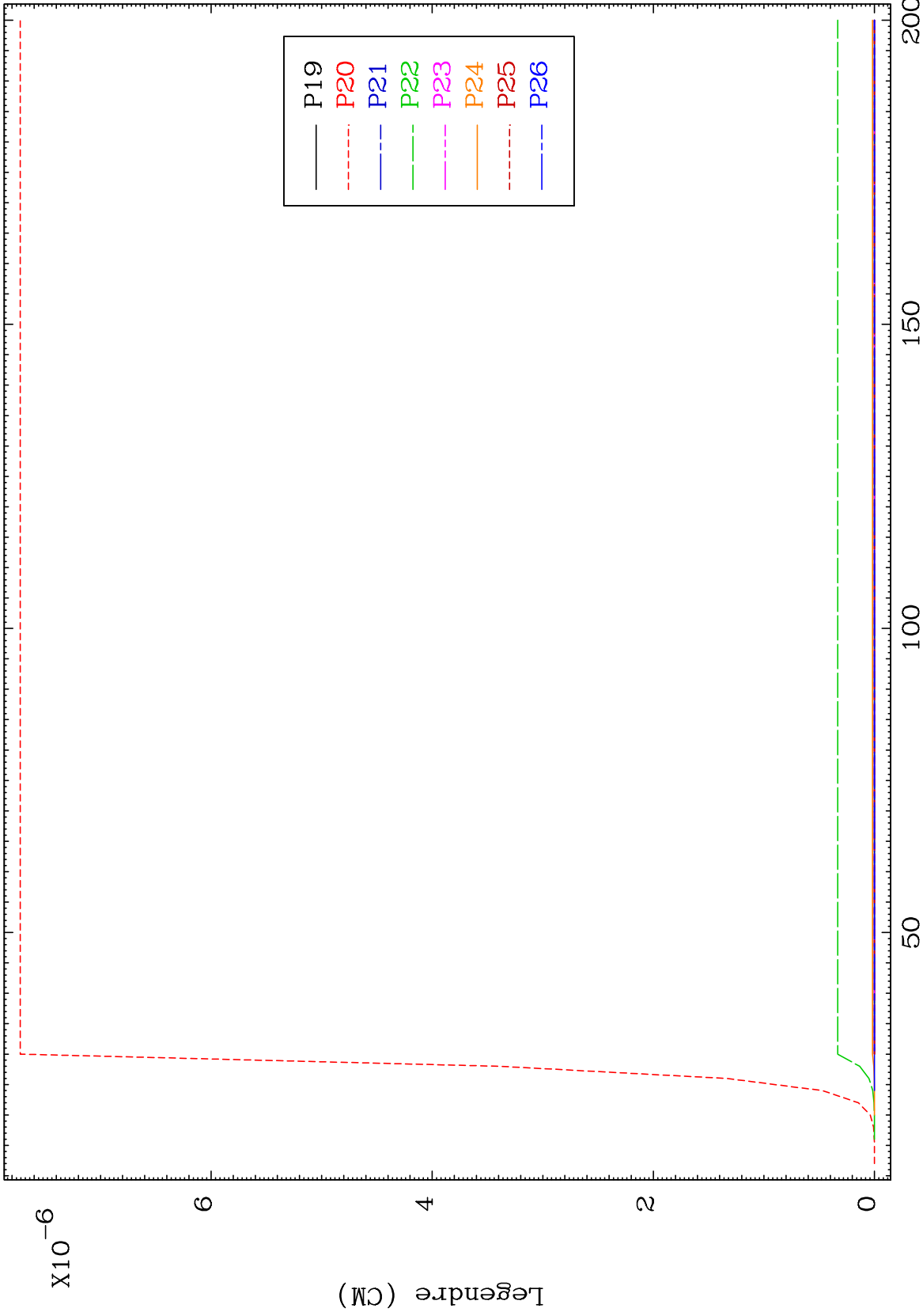
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



74

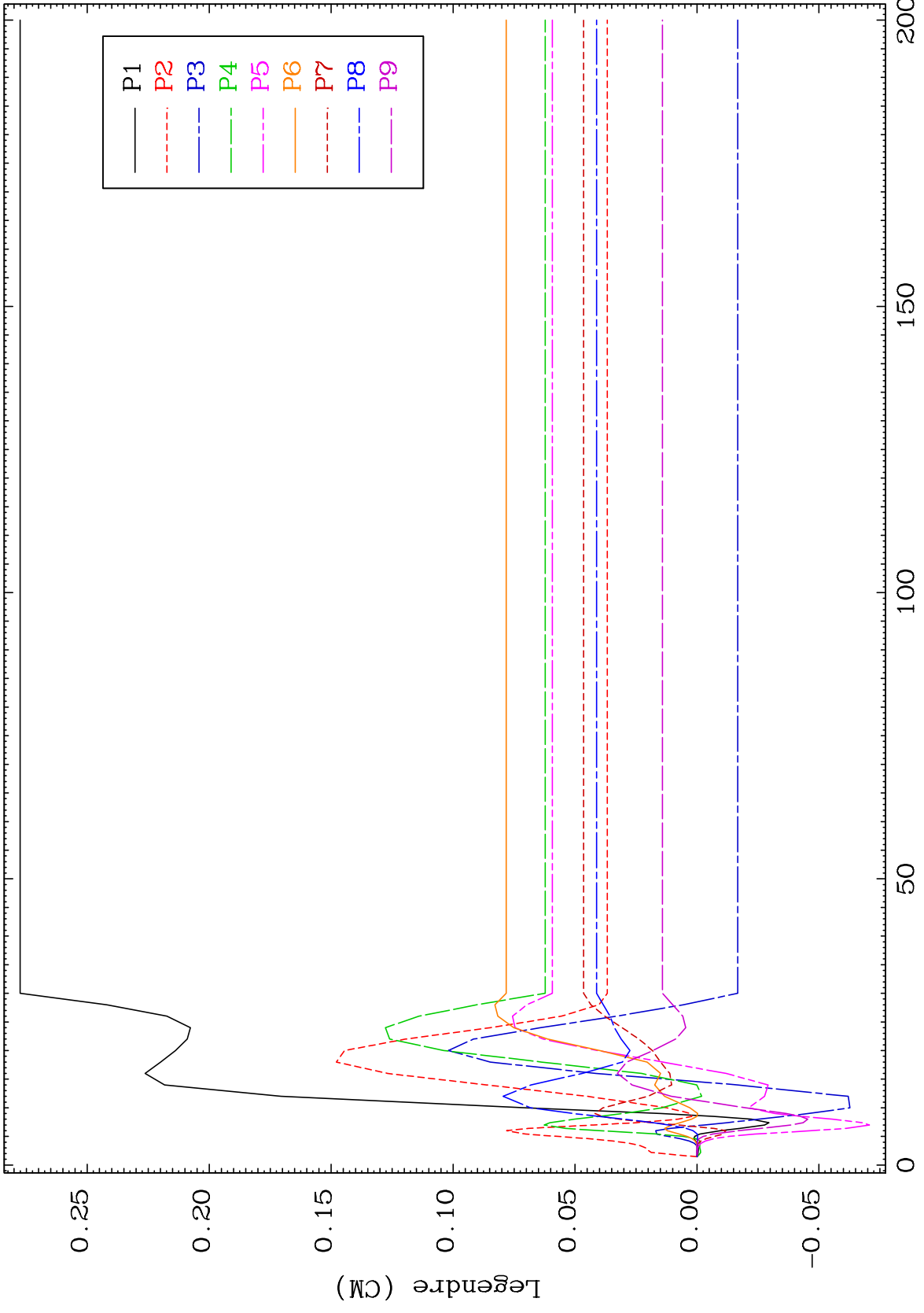
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



75

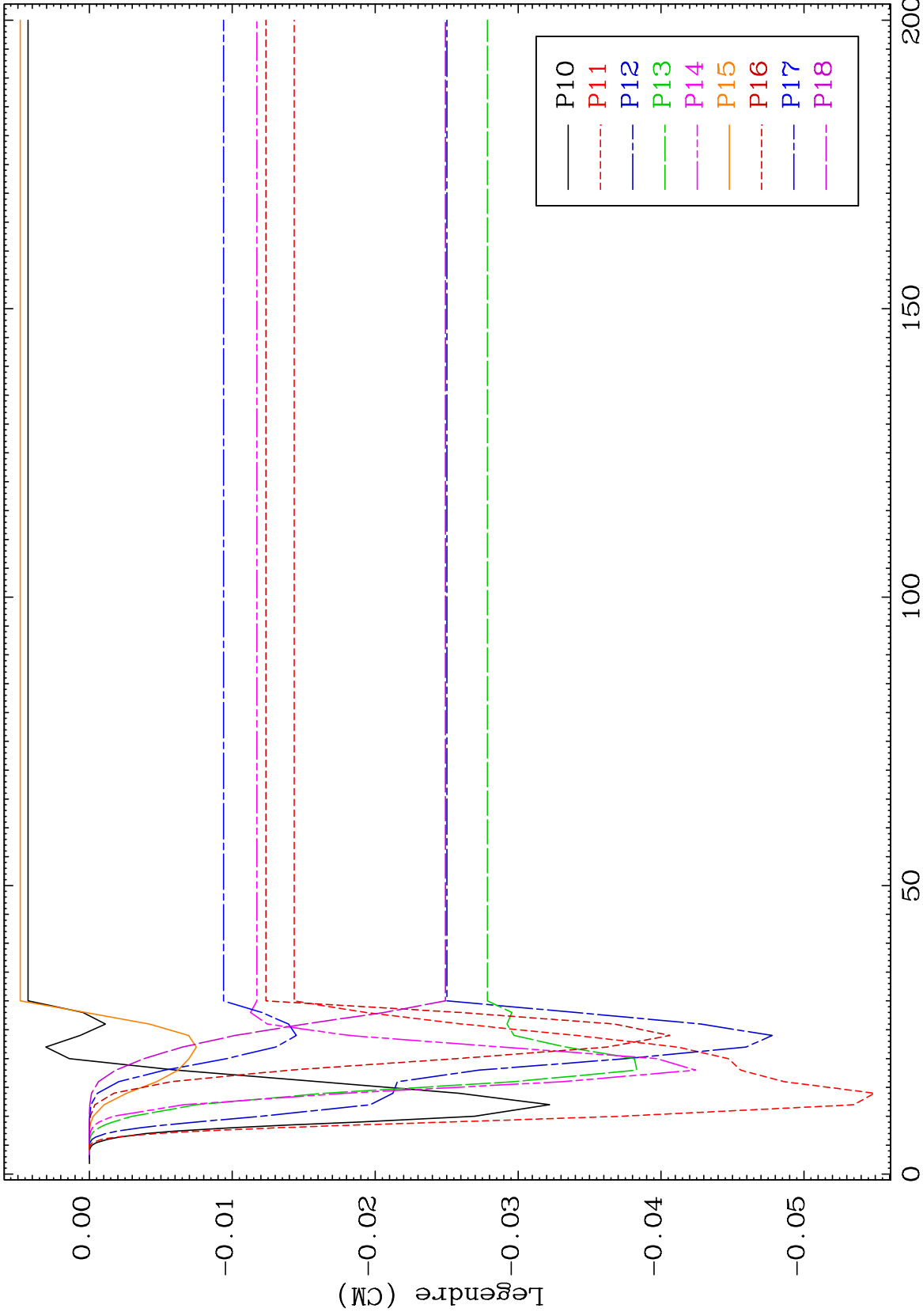
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



76

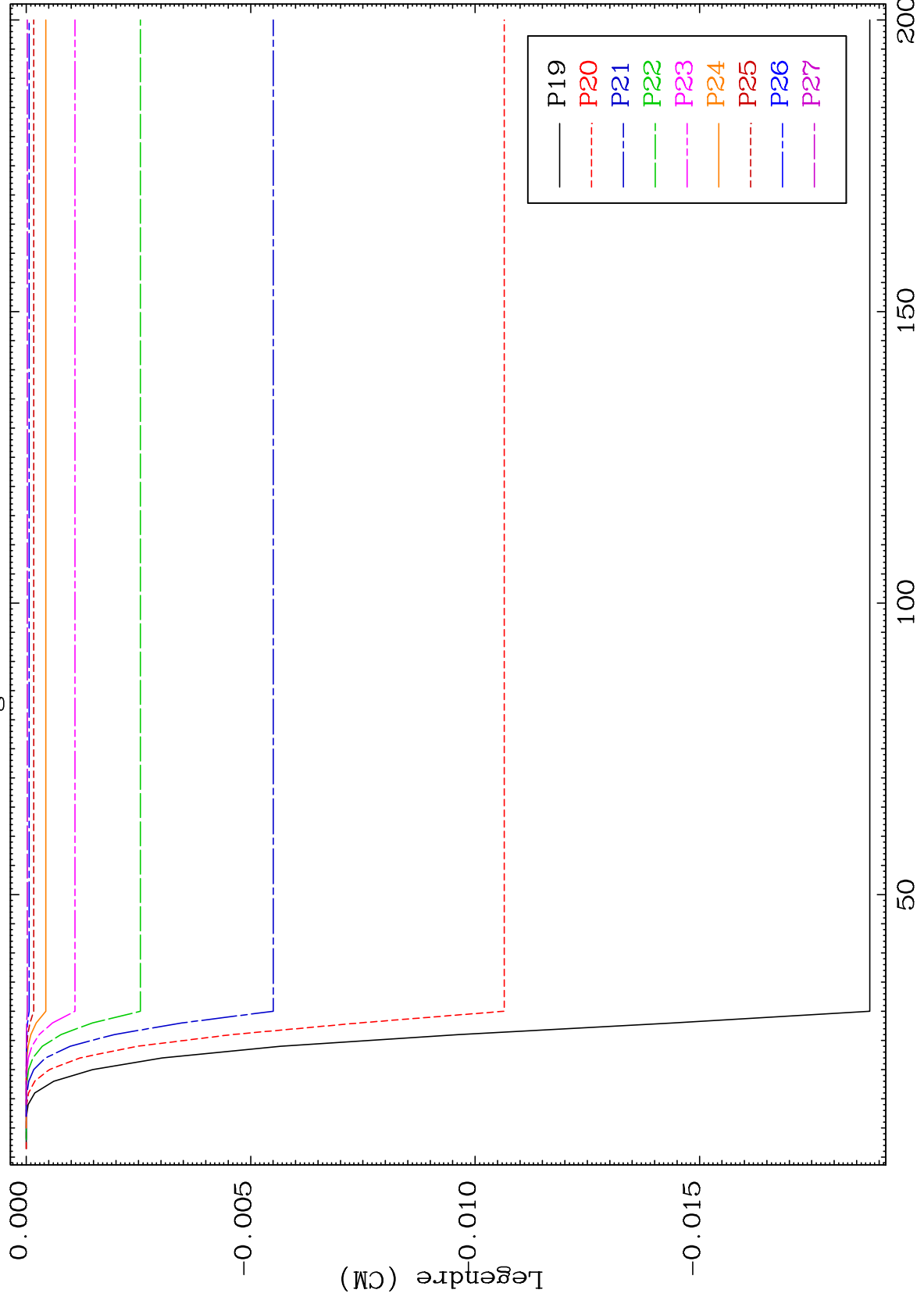
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

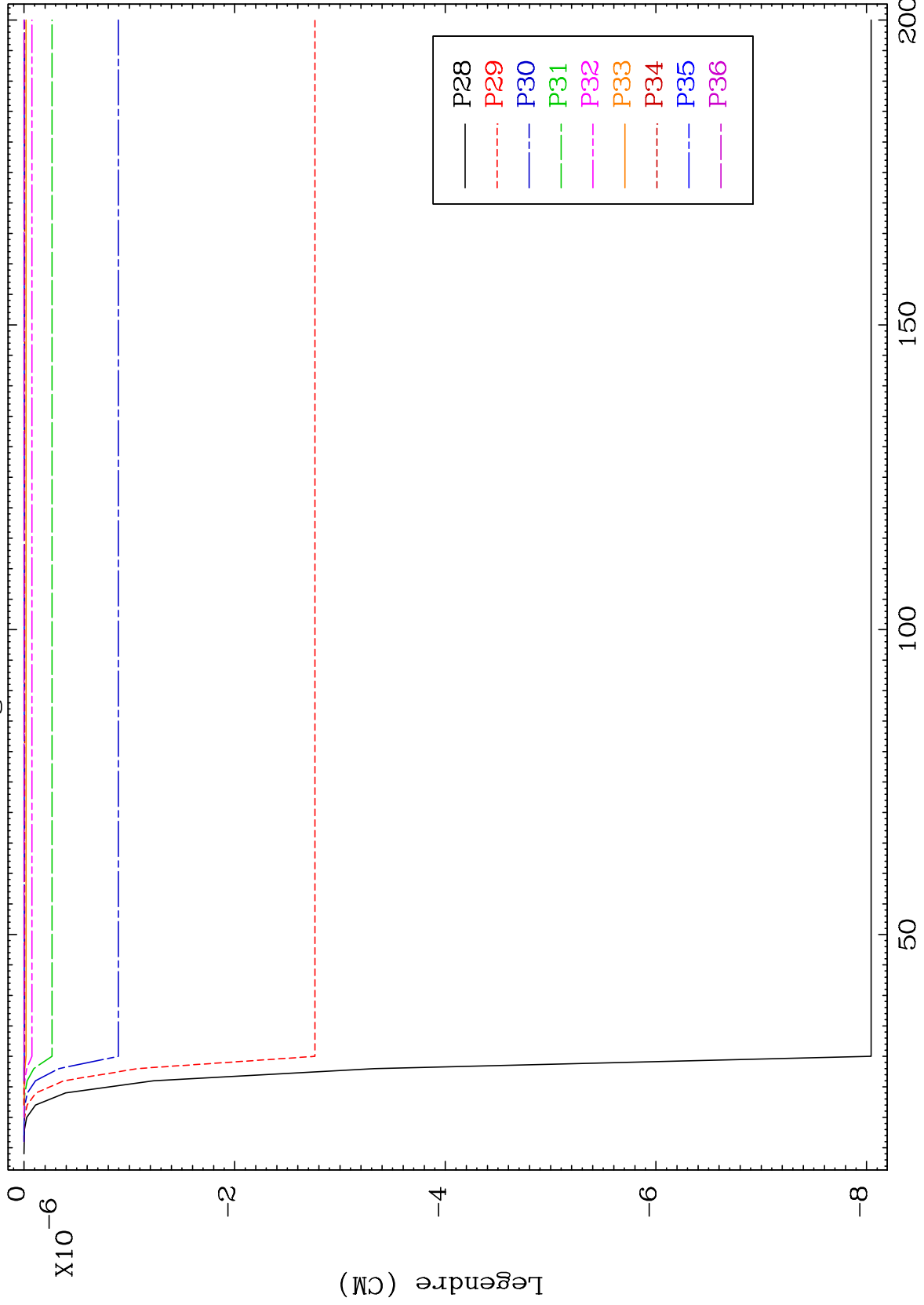
Incident Energy (MeV)

77

MAT 5828

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

58-Ce-137



58-Ce-137

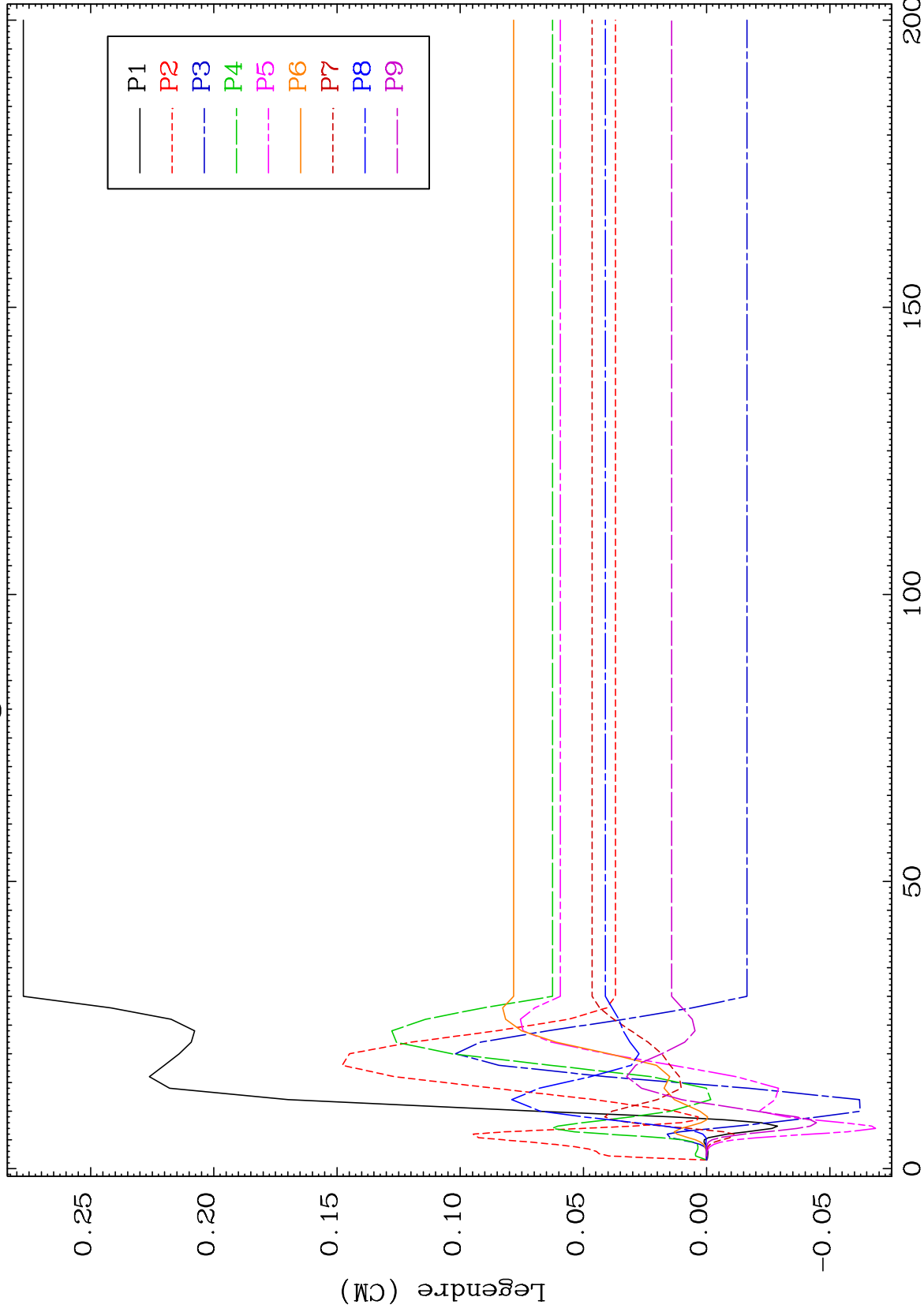
Incident Energy (MeV)

78

MAT 5828

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

58-Ce-137



79

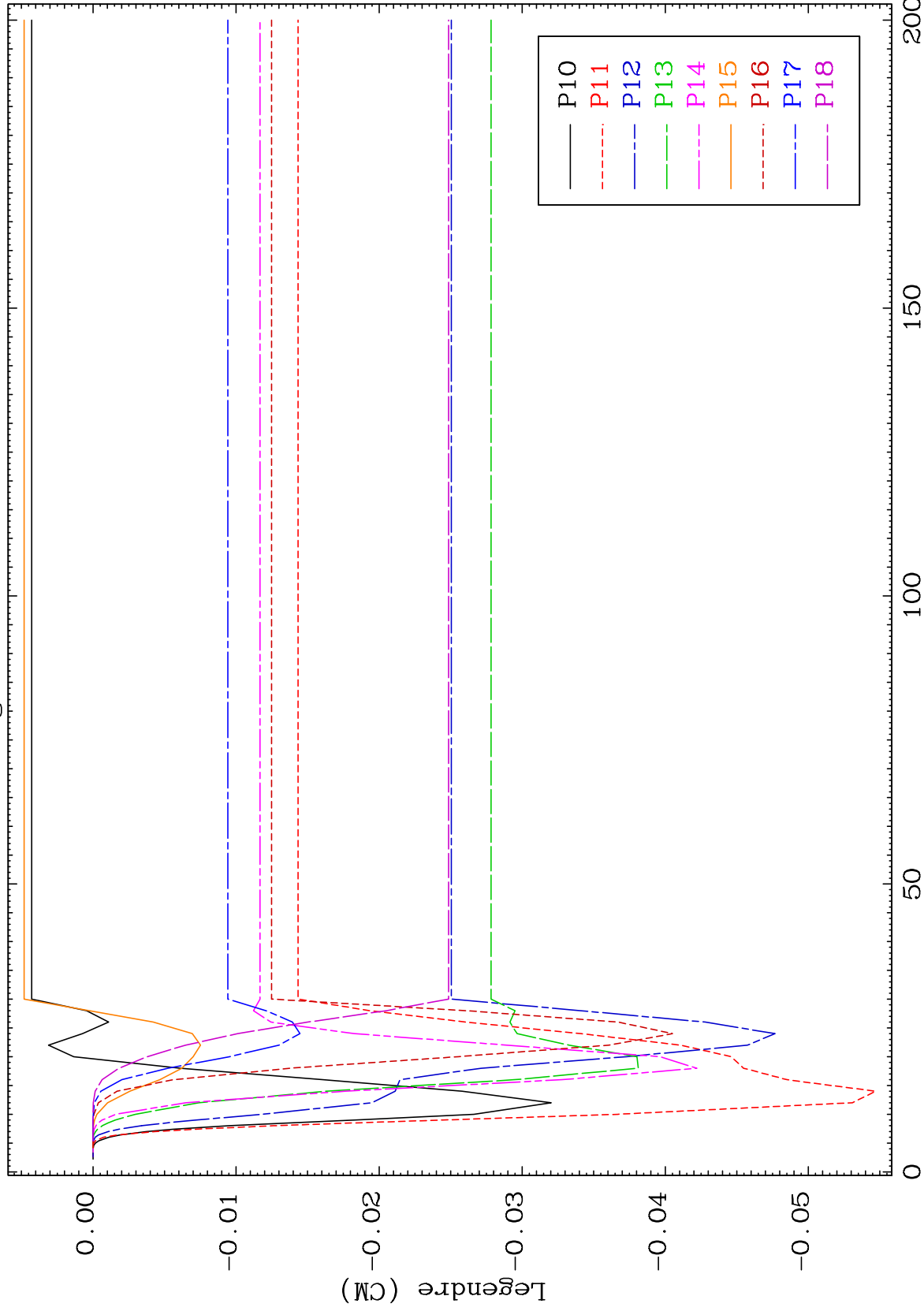
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



80

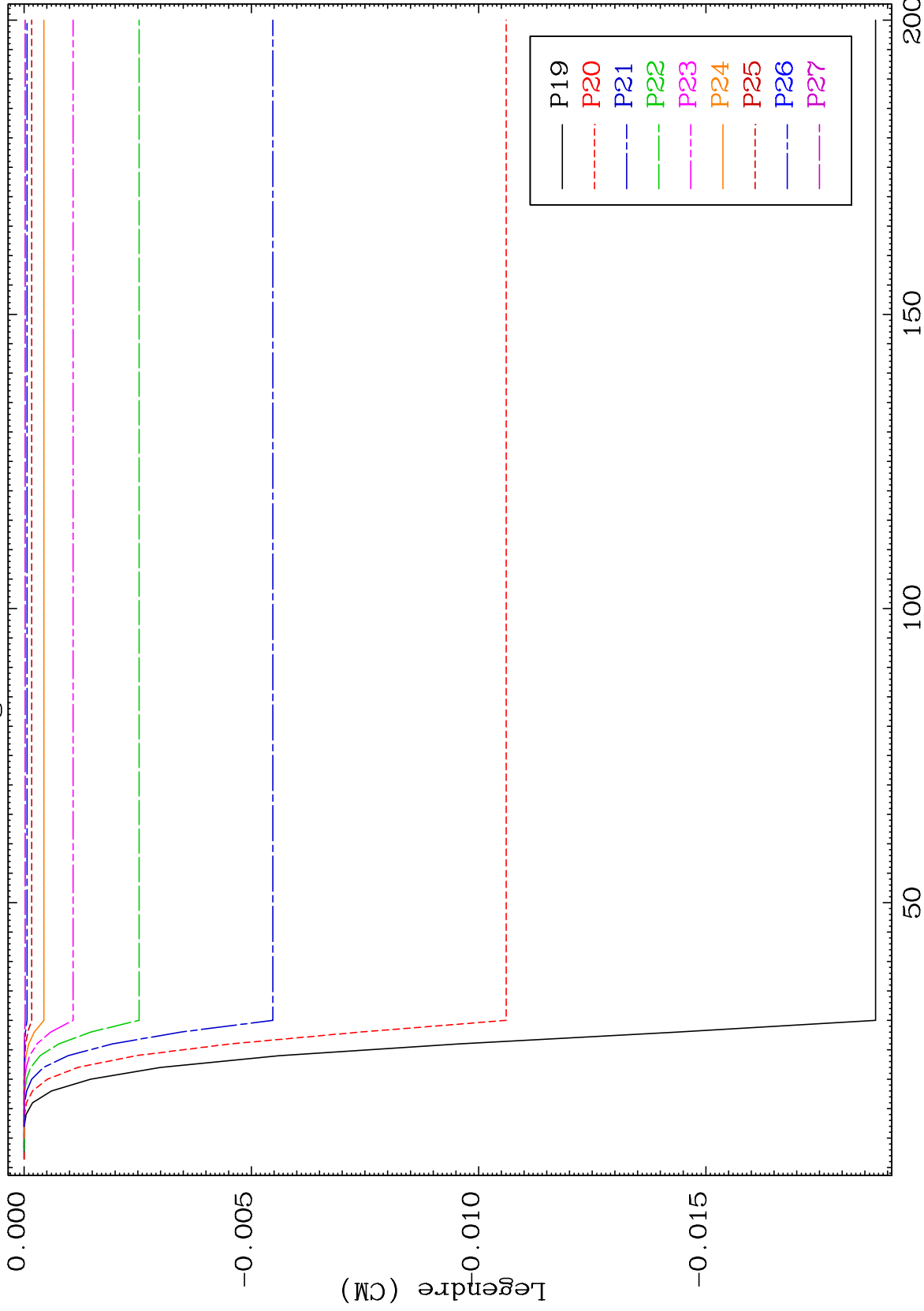
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

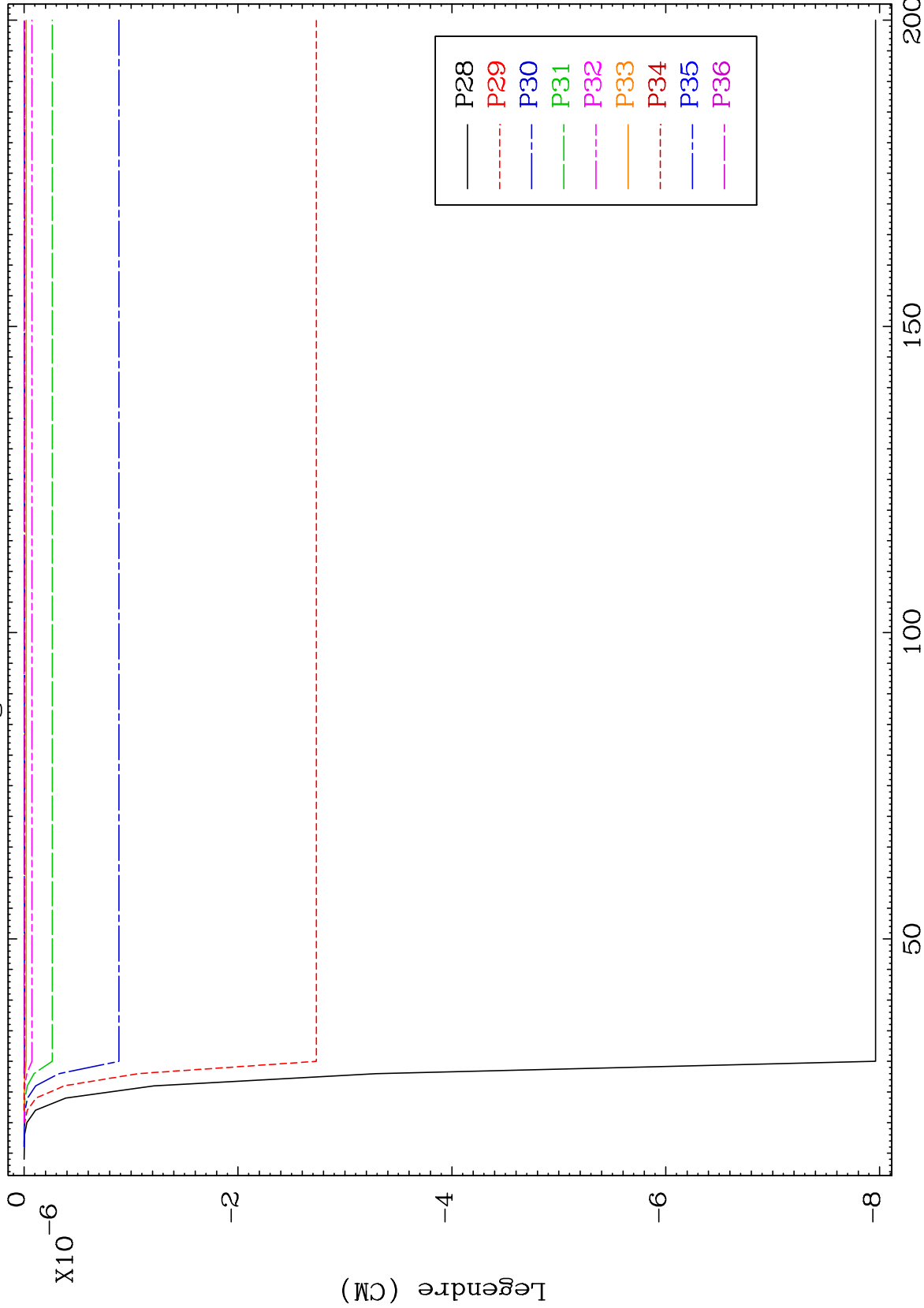
Incident Energy (MeV)

81

MAT 5828

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

58-Ce-137



82

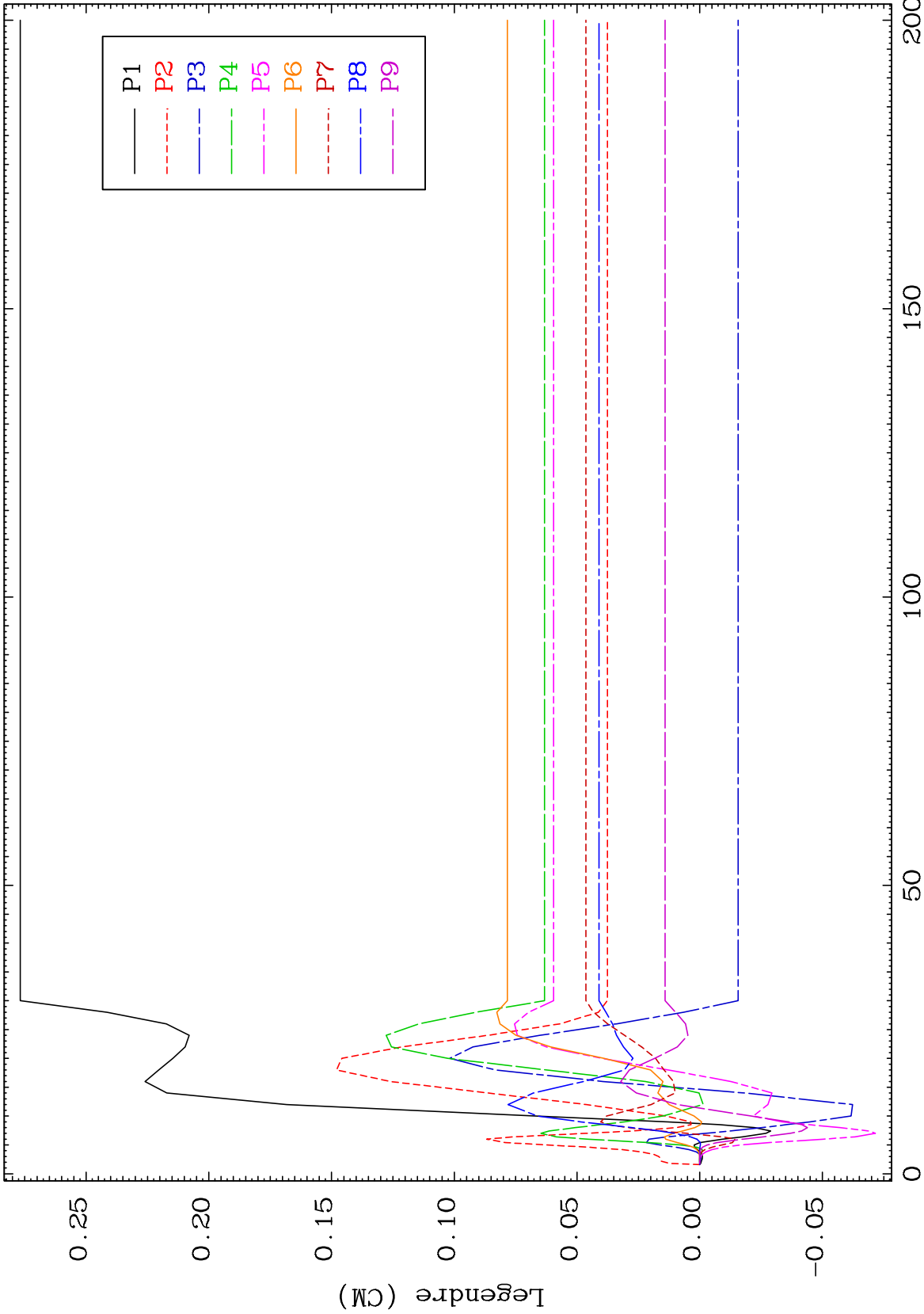
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



83

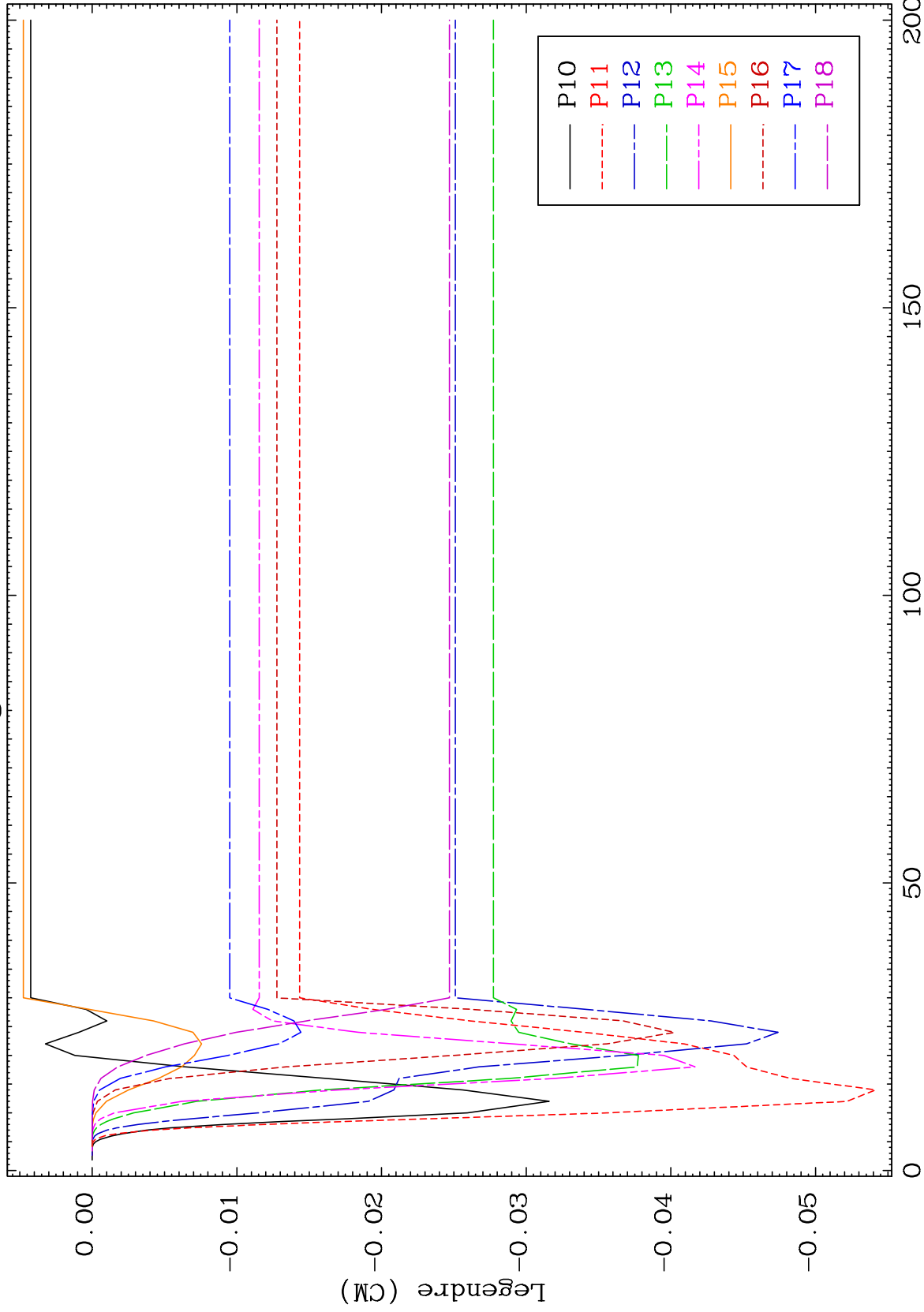
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



84

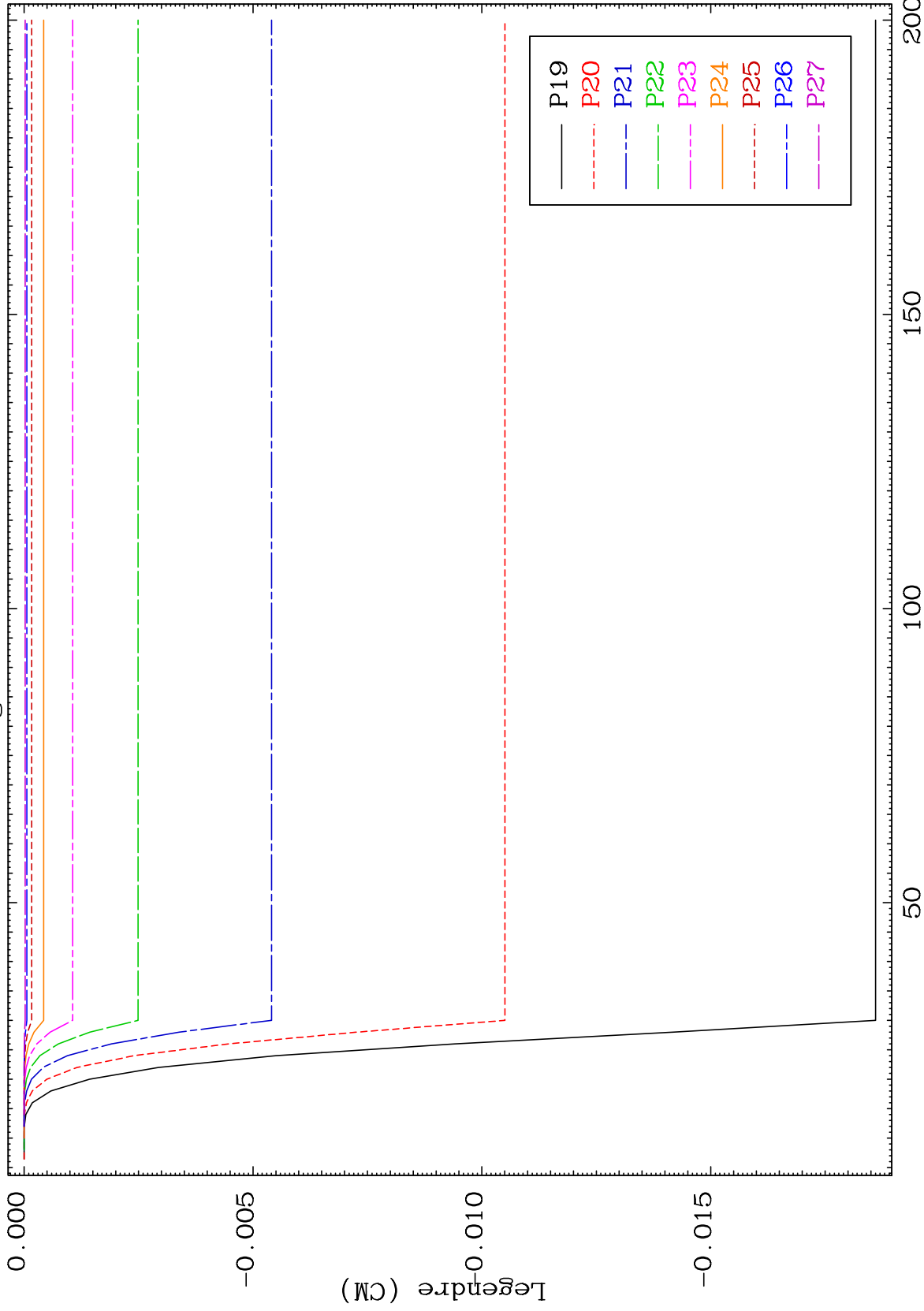
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

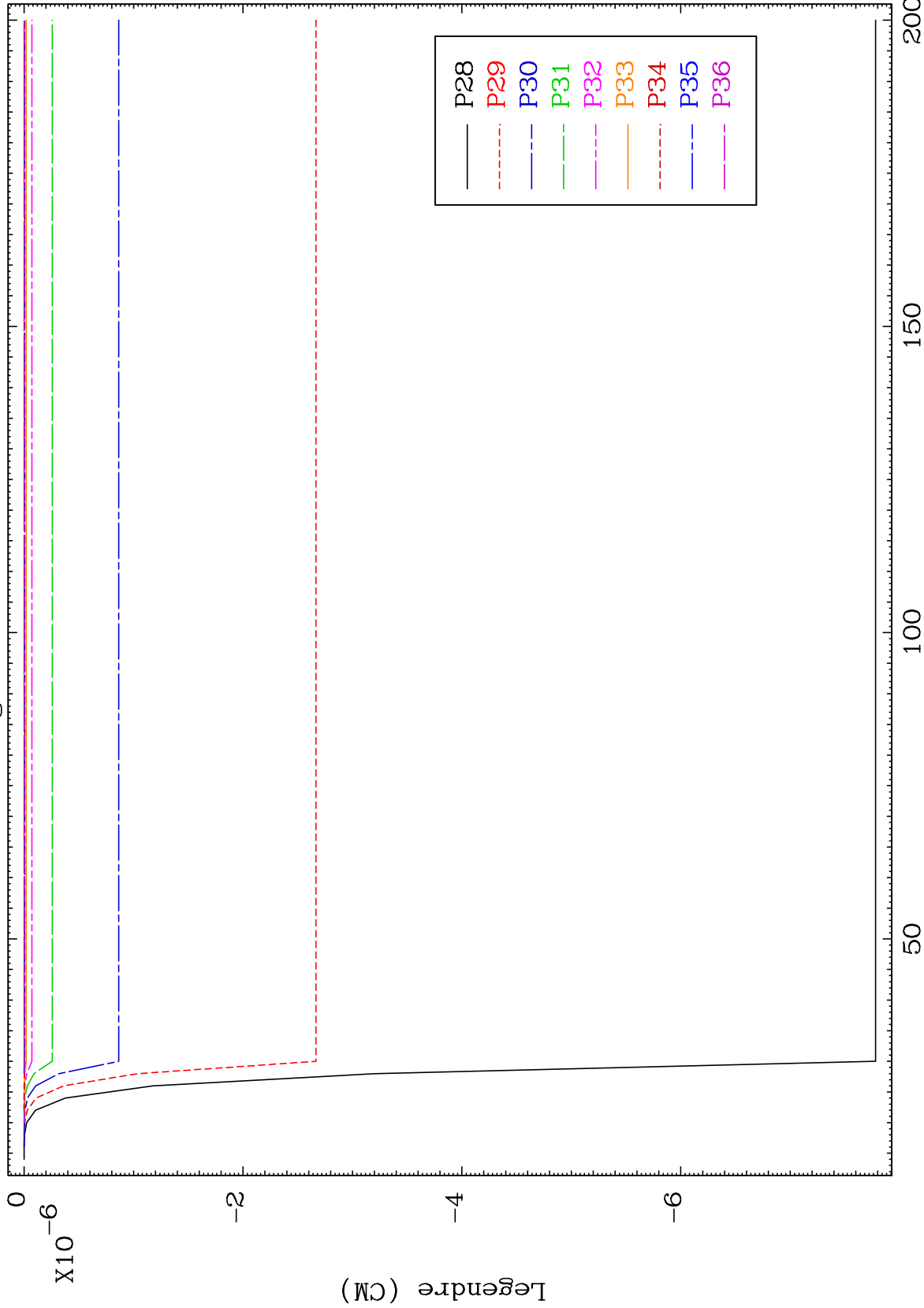
Incident Energy (MeV)

85

MAT 5828

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

58-Ce-137



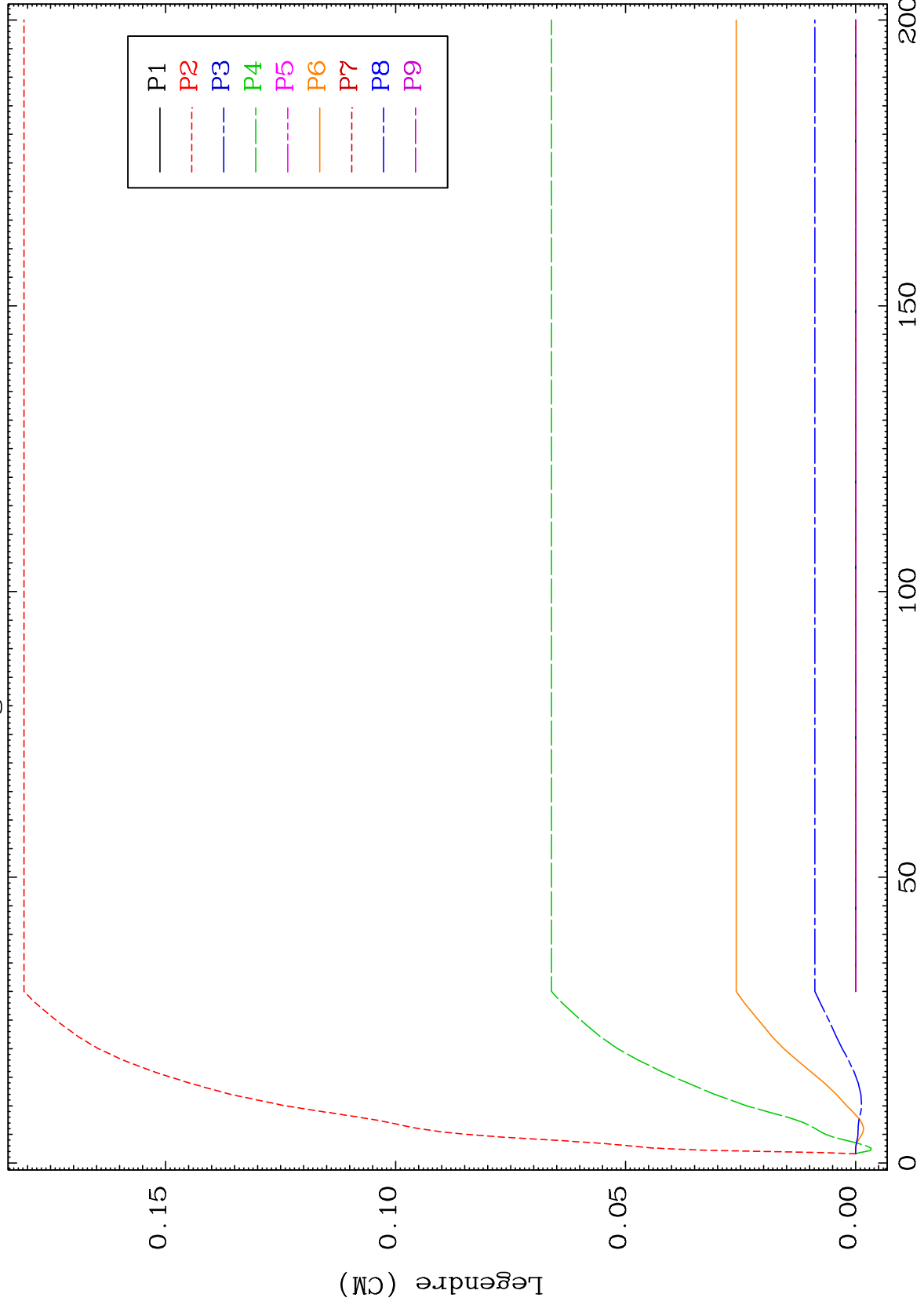
86

58-Ce-137

MAT 5828

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

58-Ce-137



87

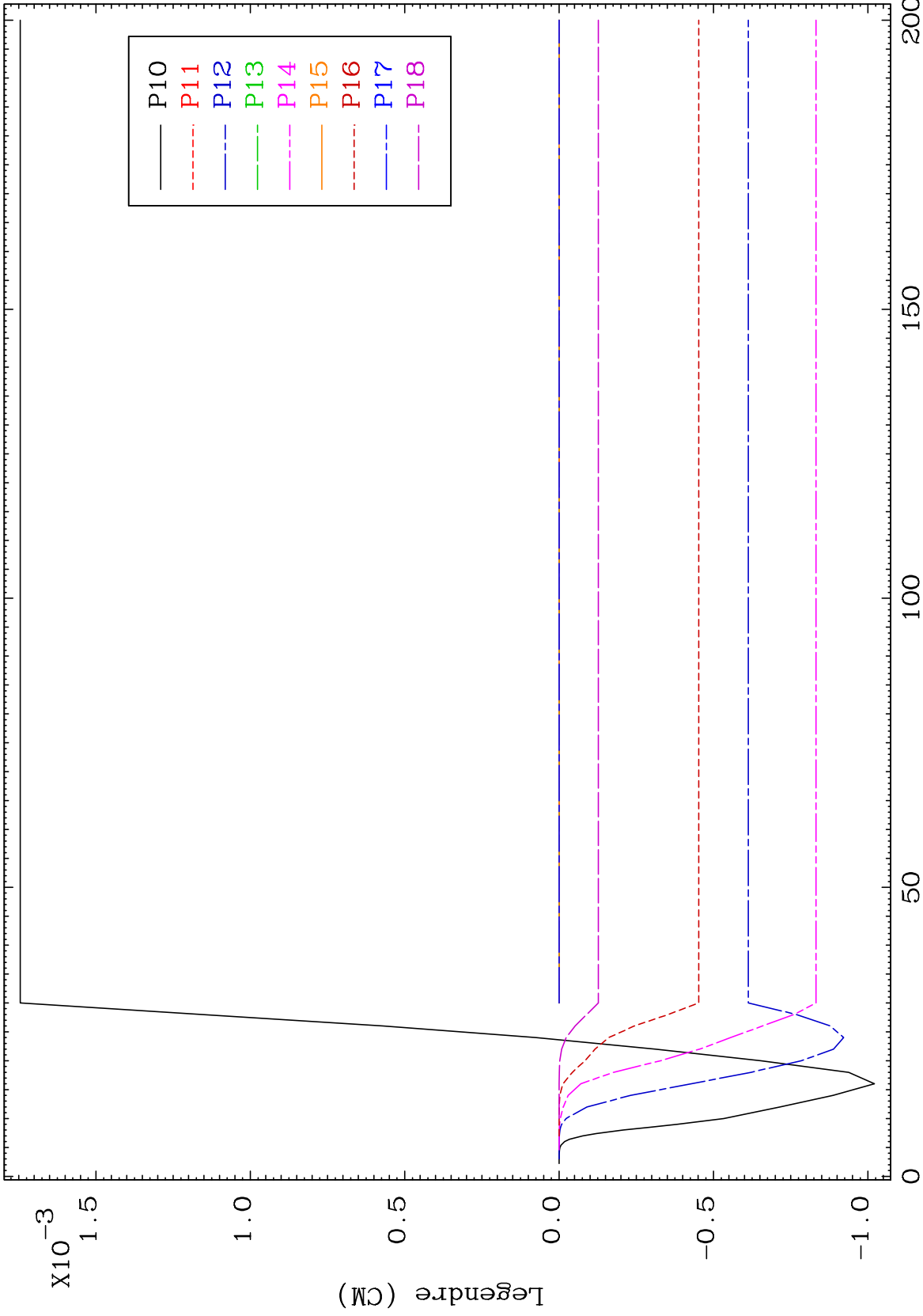
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



88

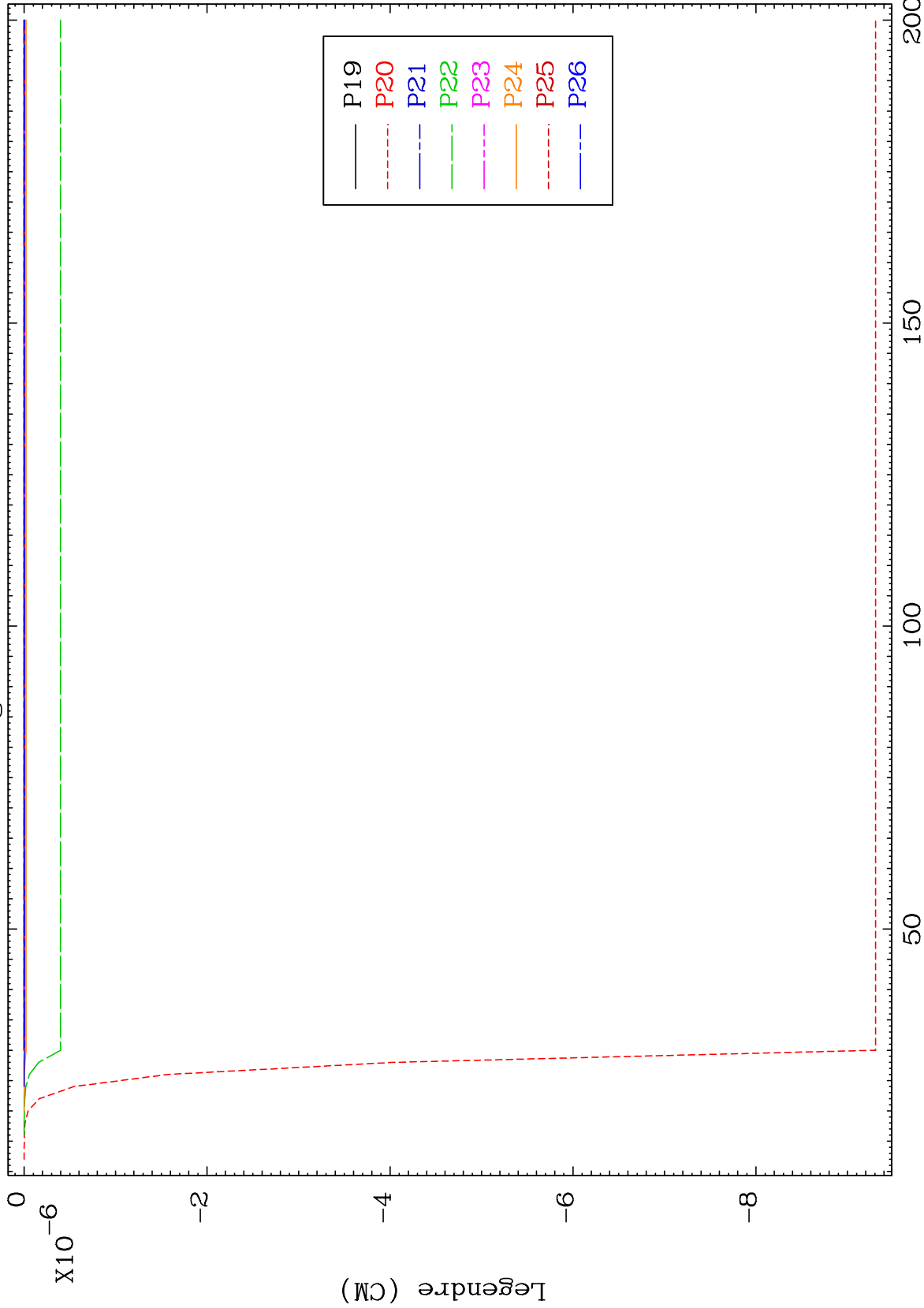
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



89

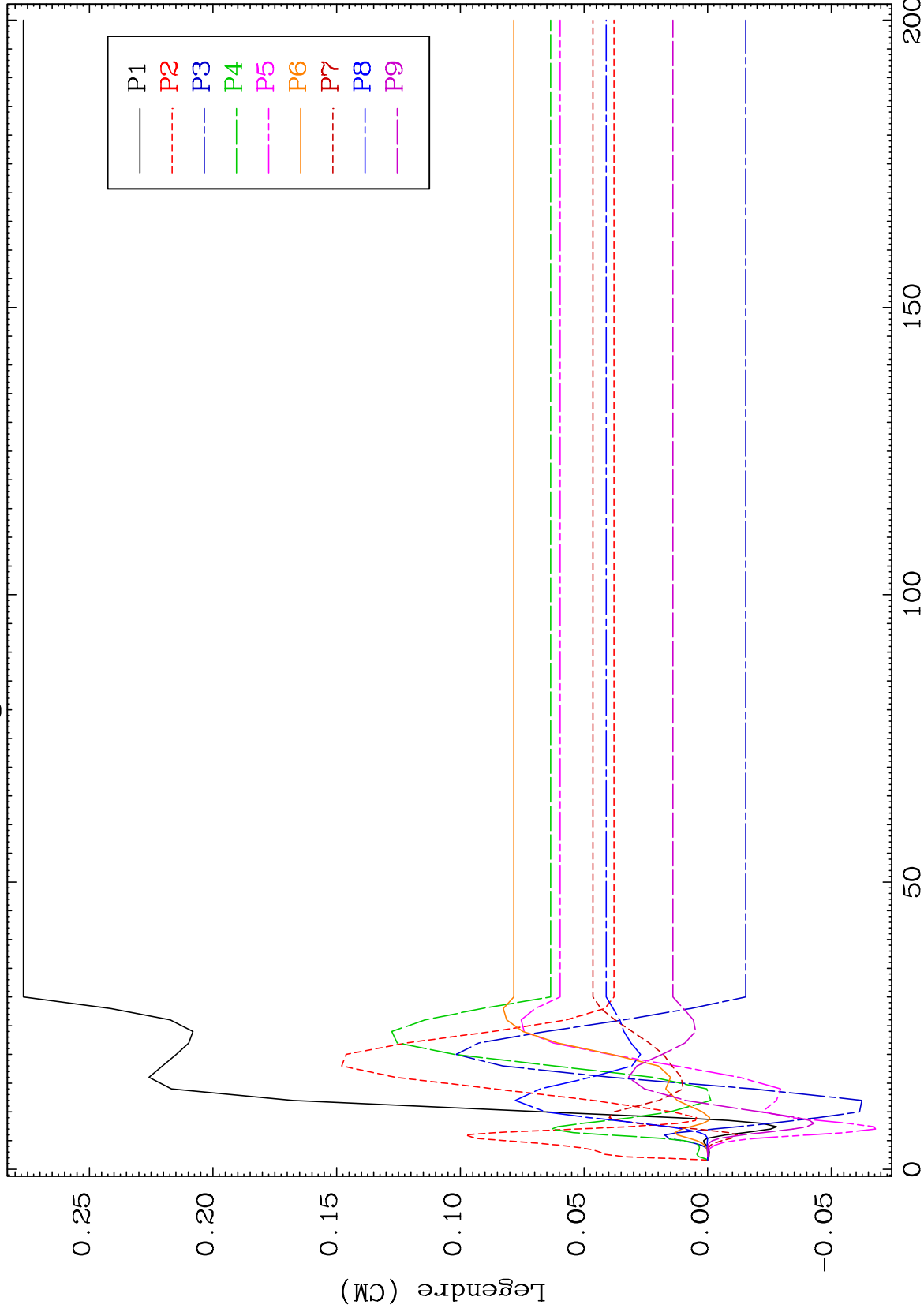
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



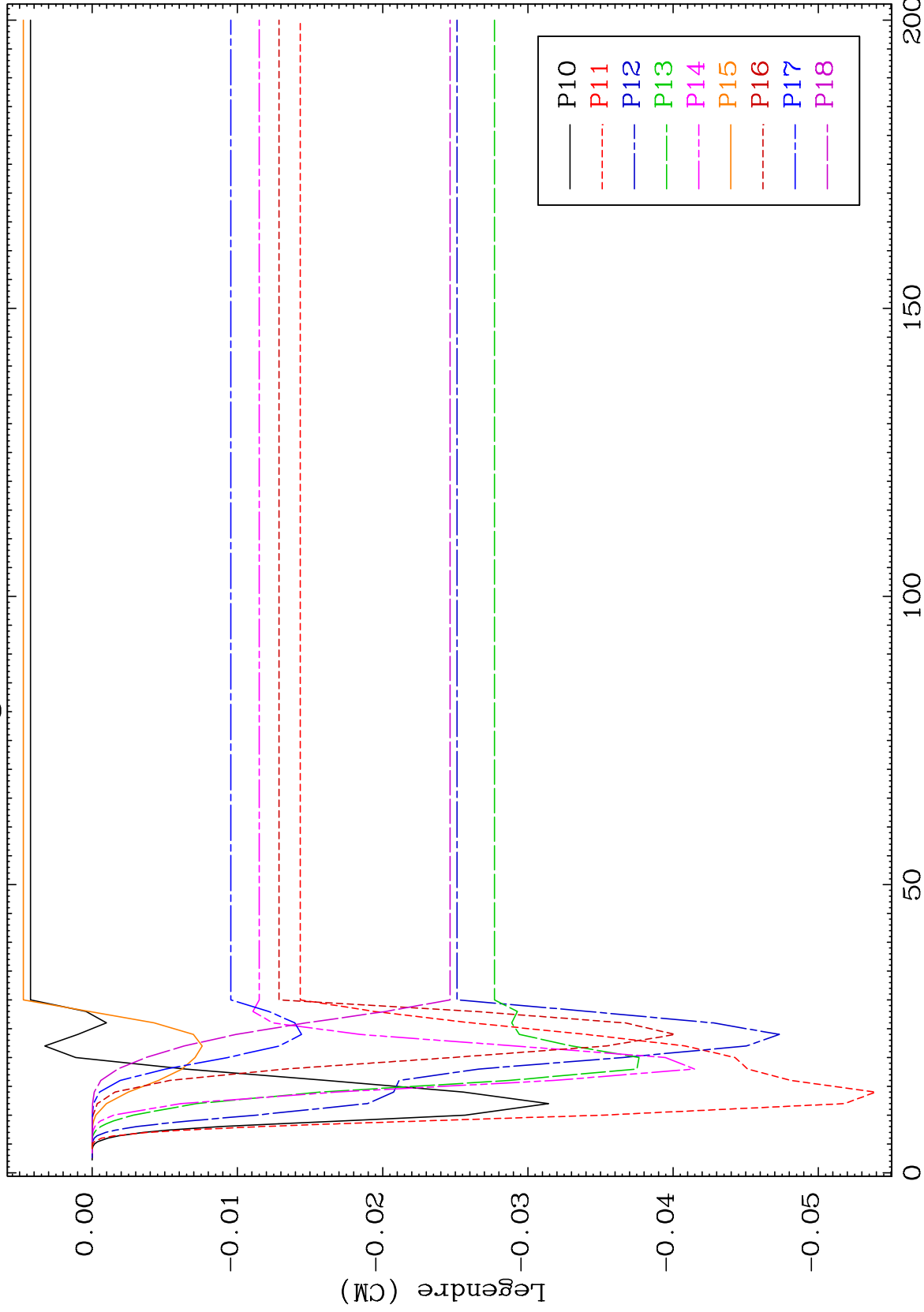
58-Ce-137

Incident Energy (MeV)

MAT 5828

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

58-Ce-137



91

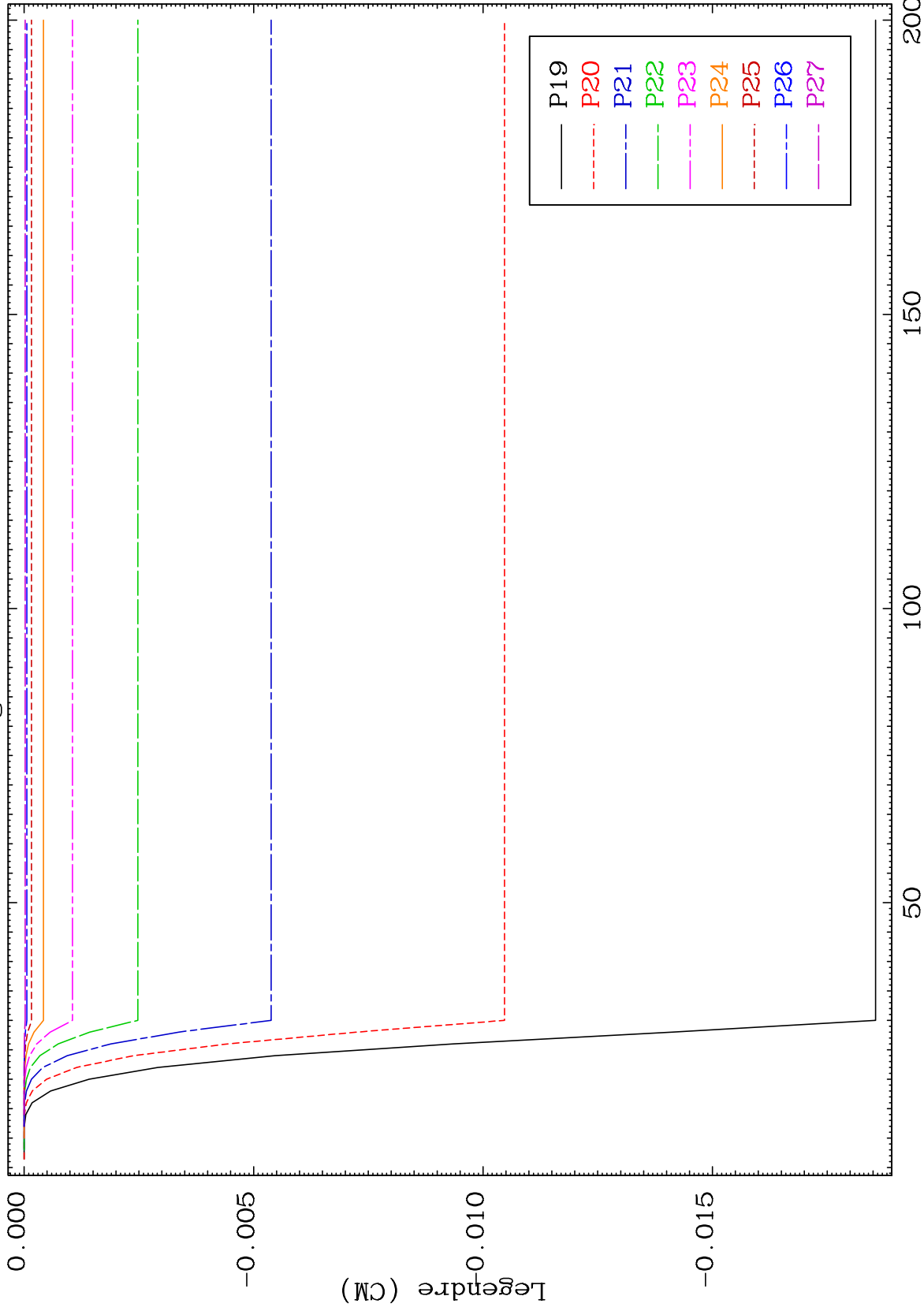
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



92

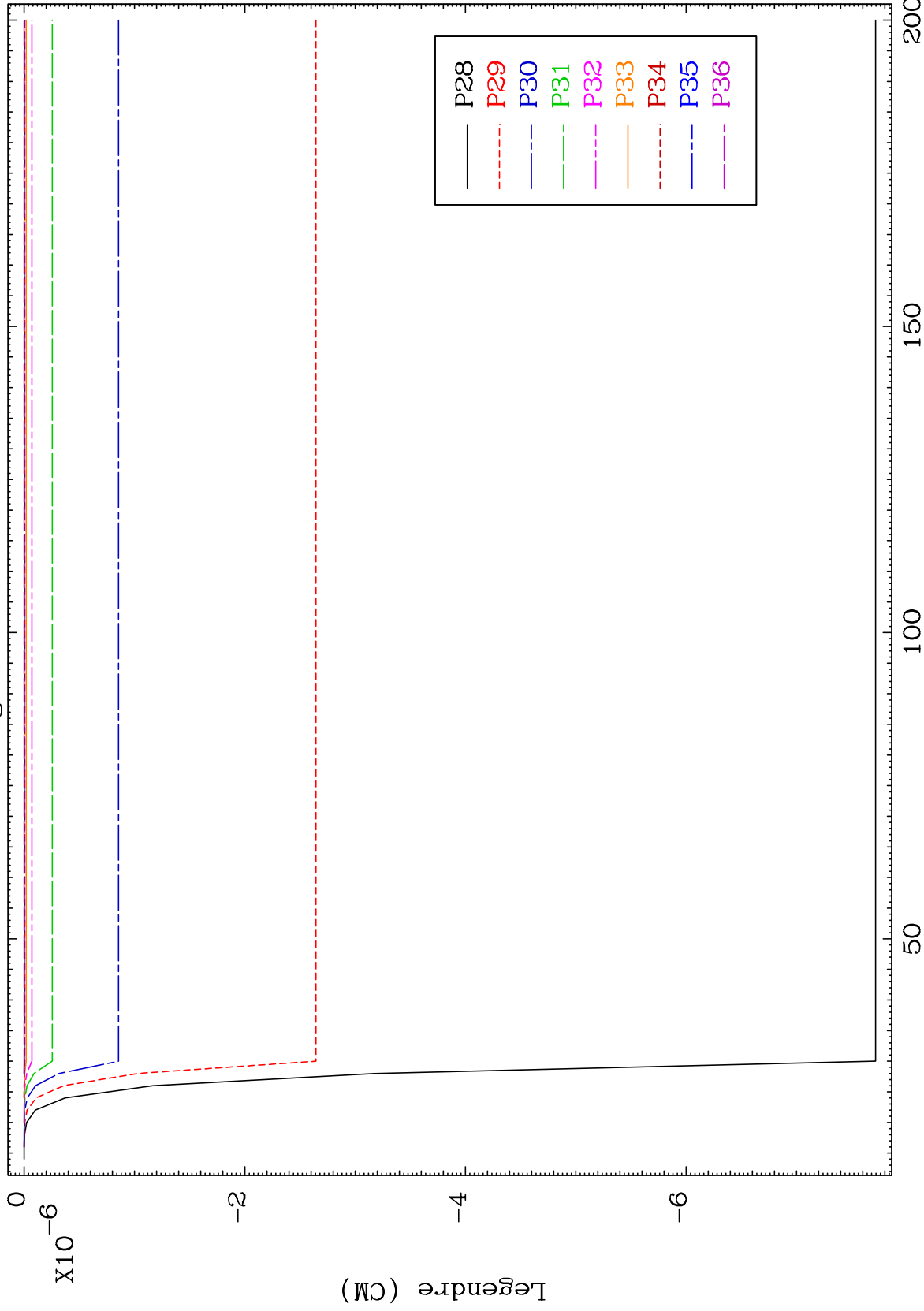
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



93

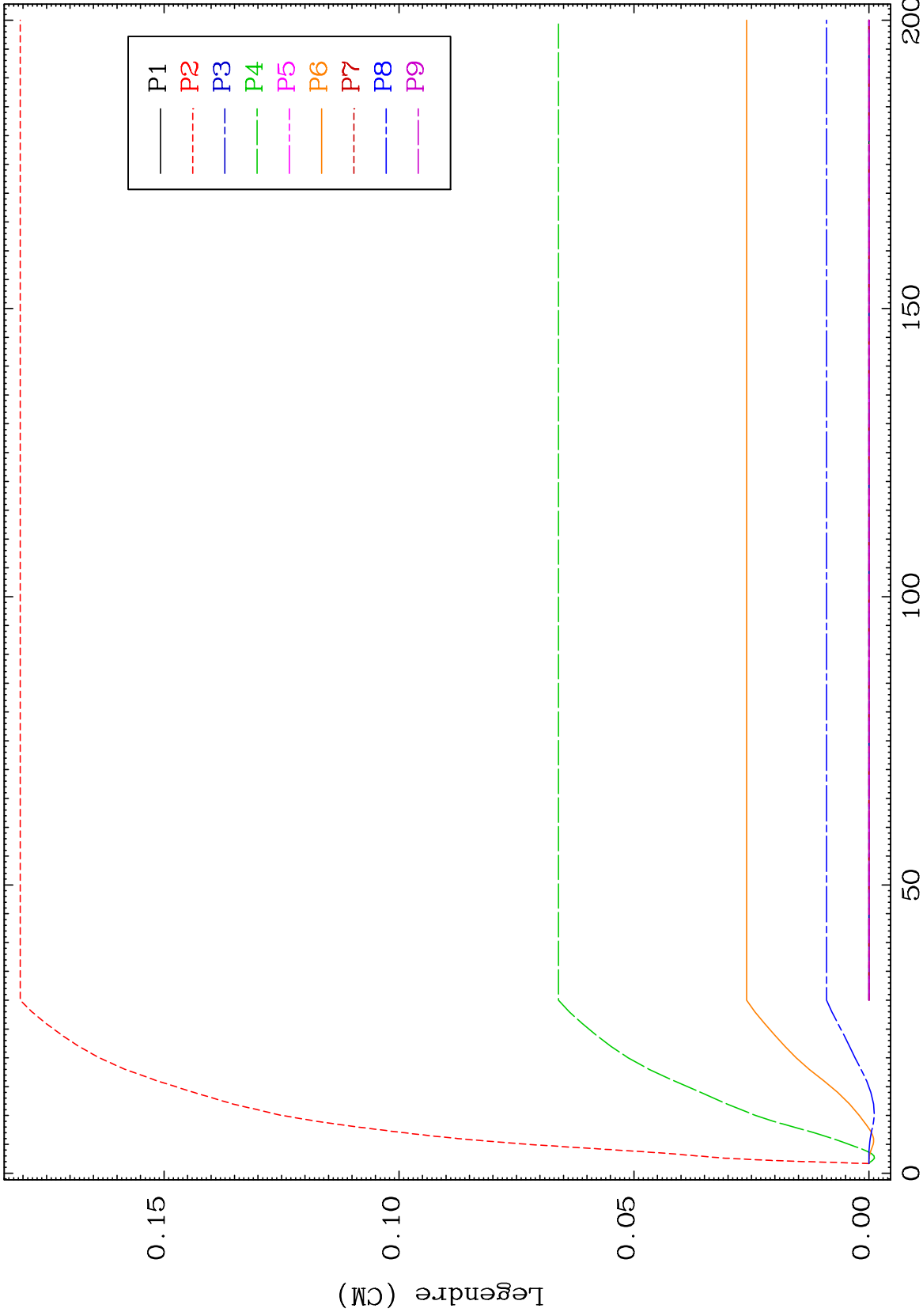
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



94

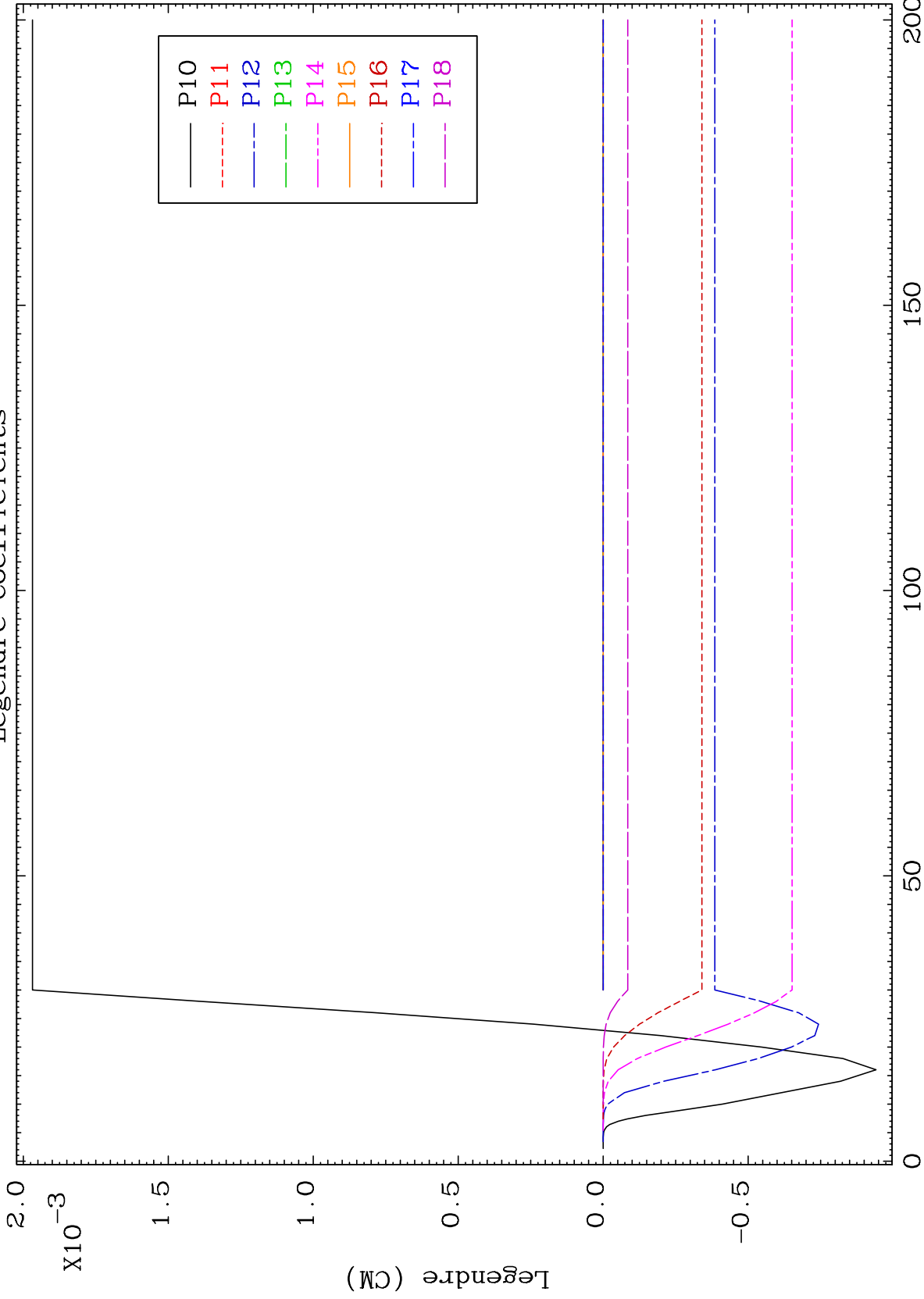
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



95

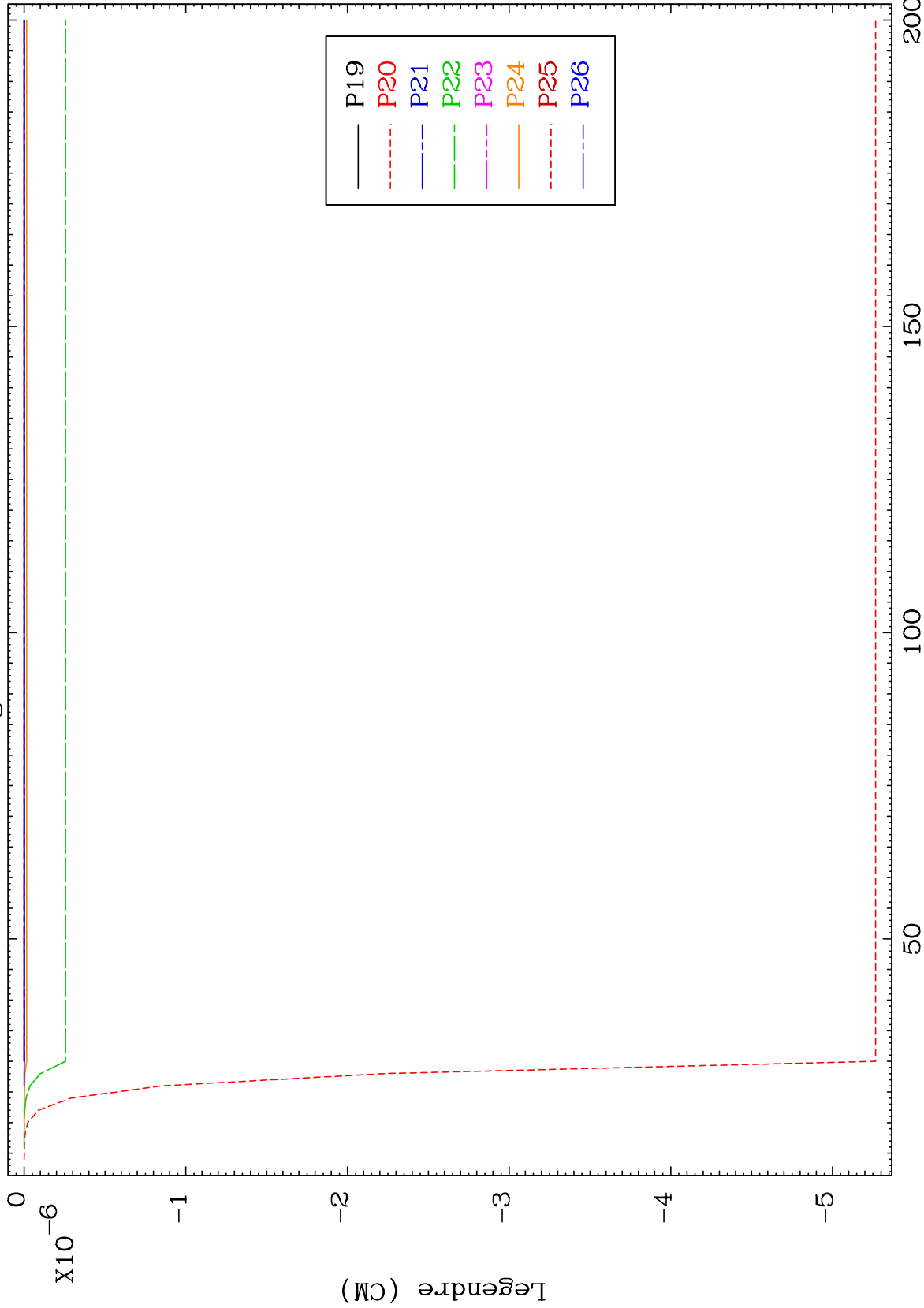
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



96

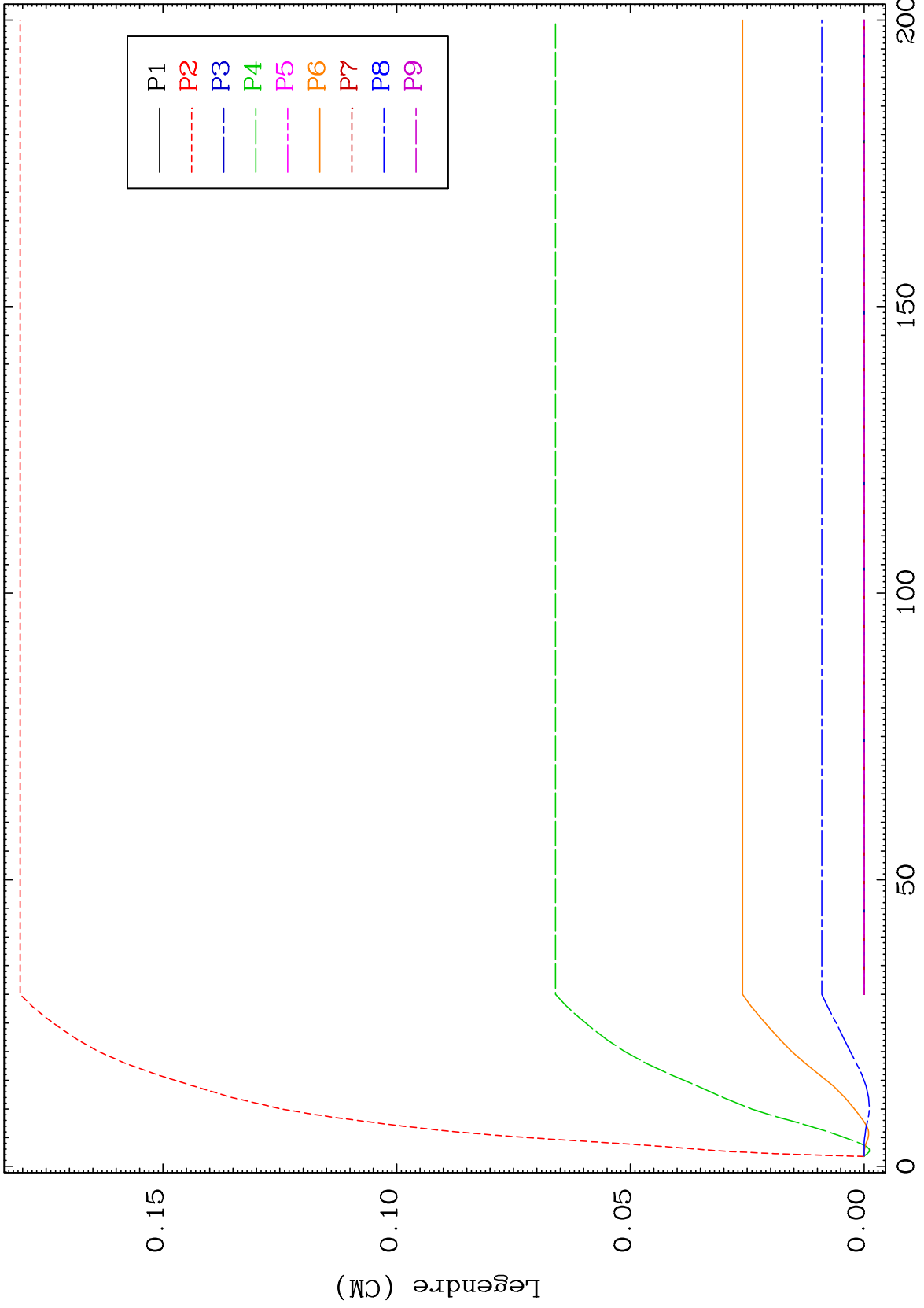
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



97

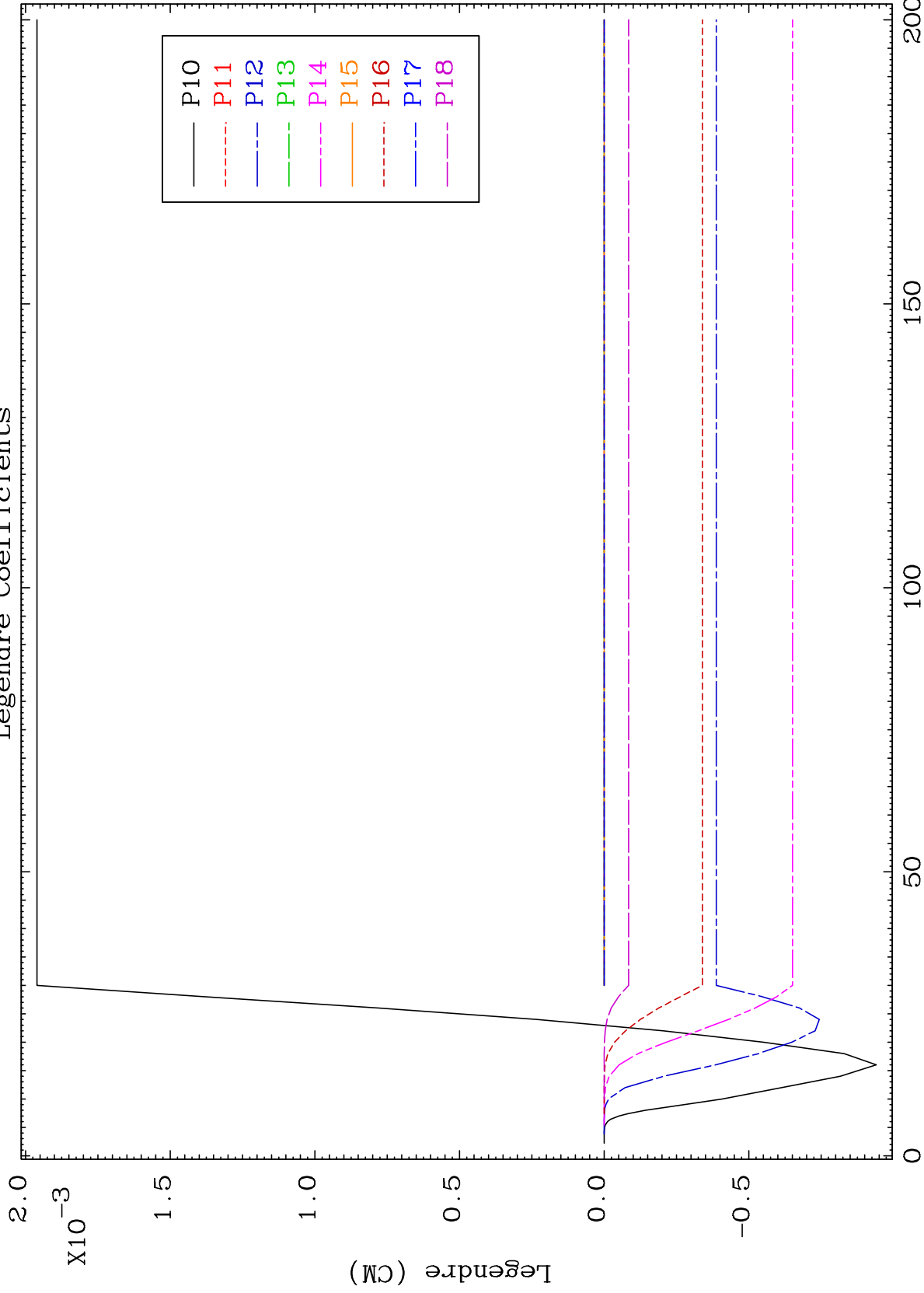
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



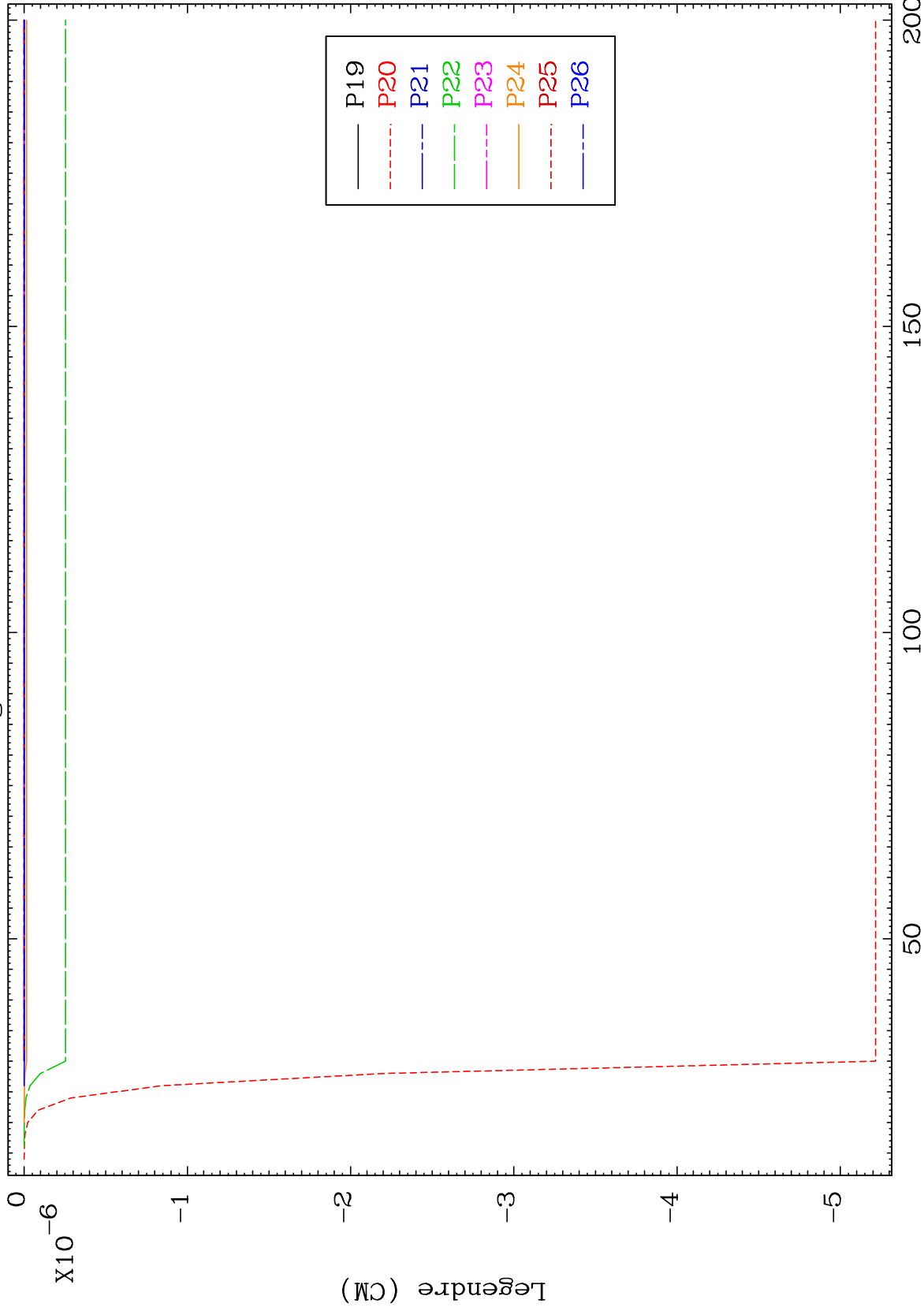
98

58-Ce-137

MAT 5828

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

58-Ce-137



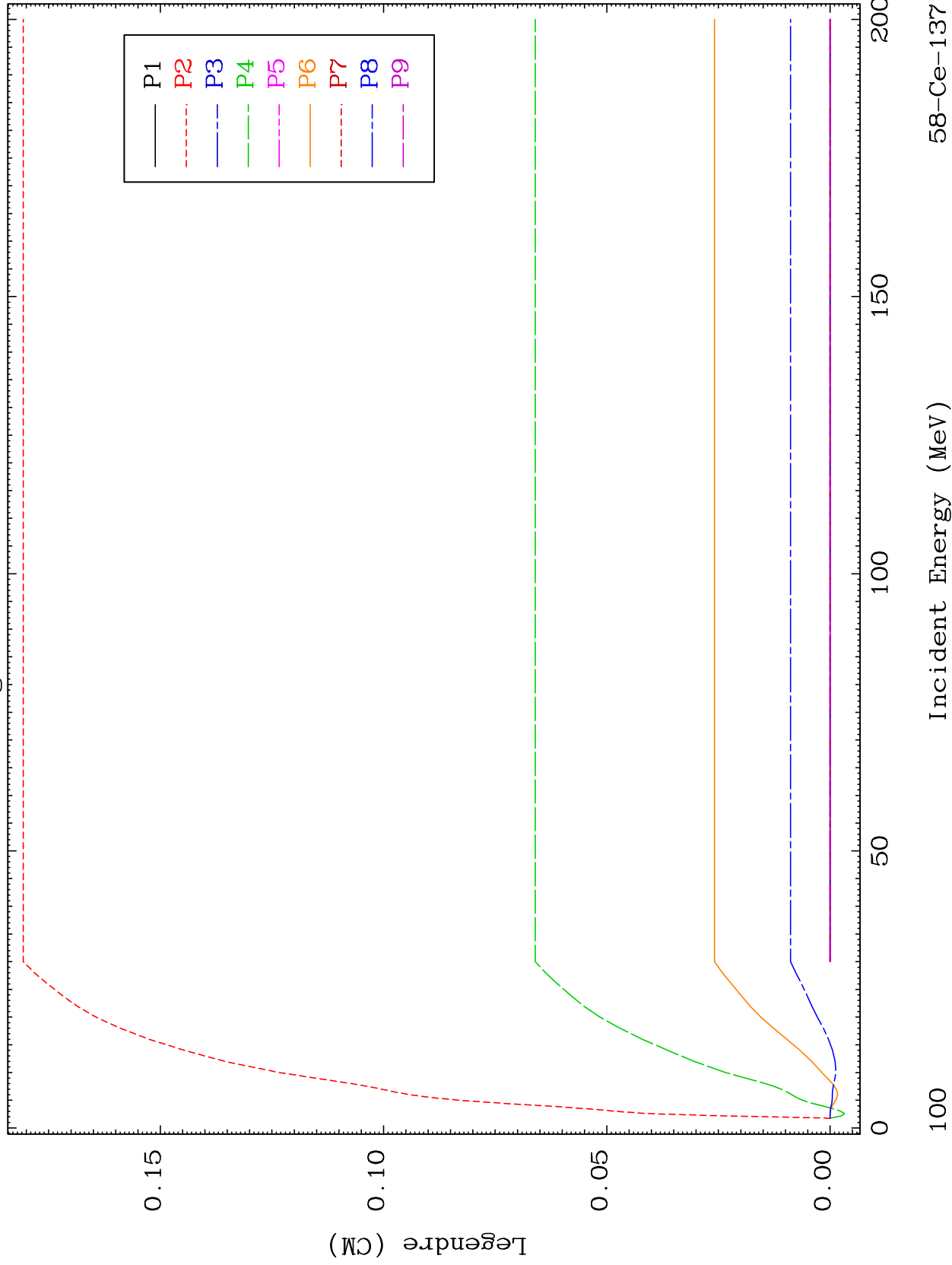
99

58-Ce-137

MAT 5828

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

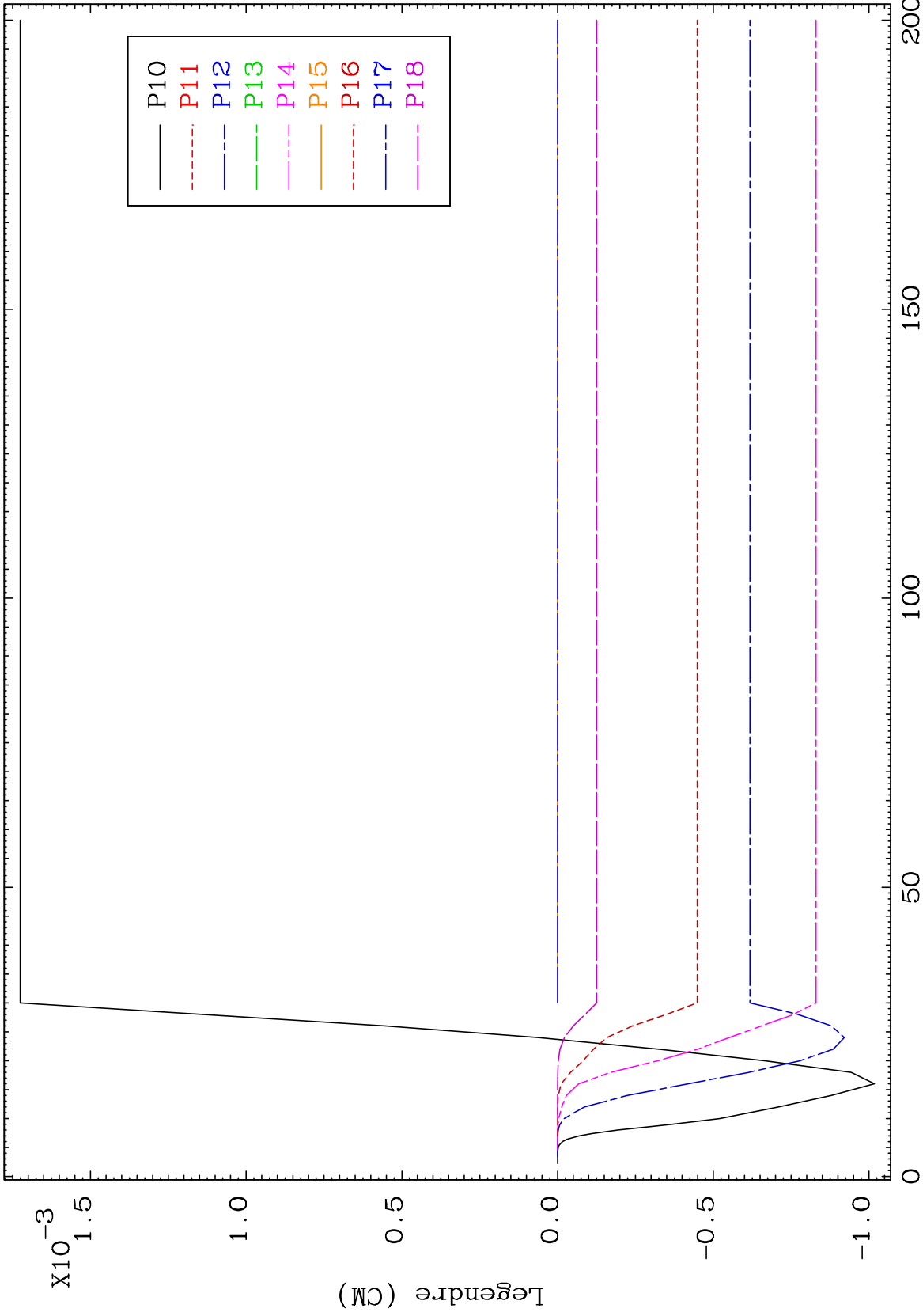
58-Ce-137



MAT 5828

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

58-Ce-137



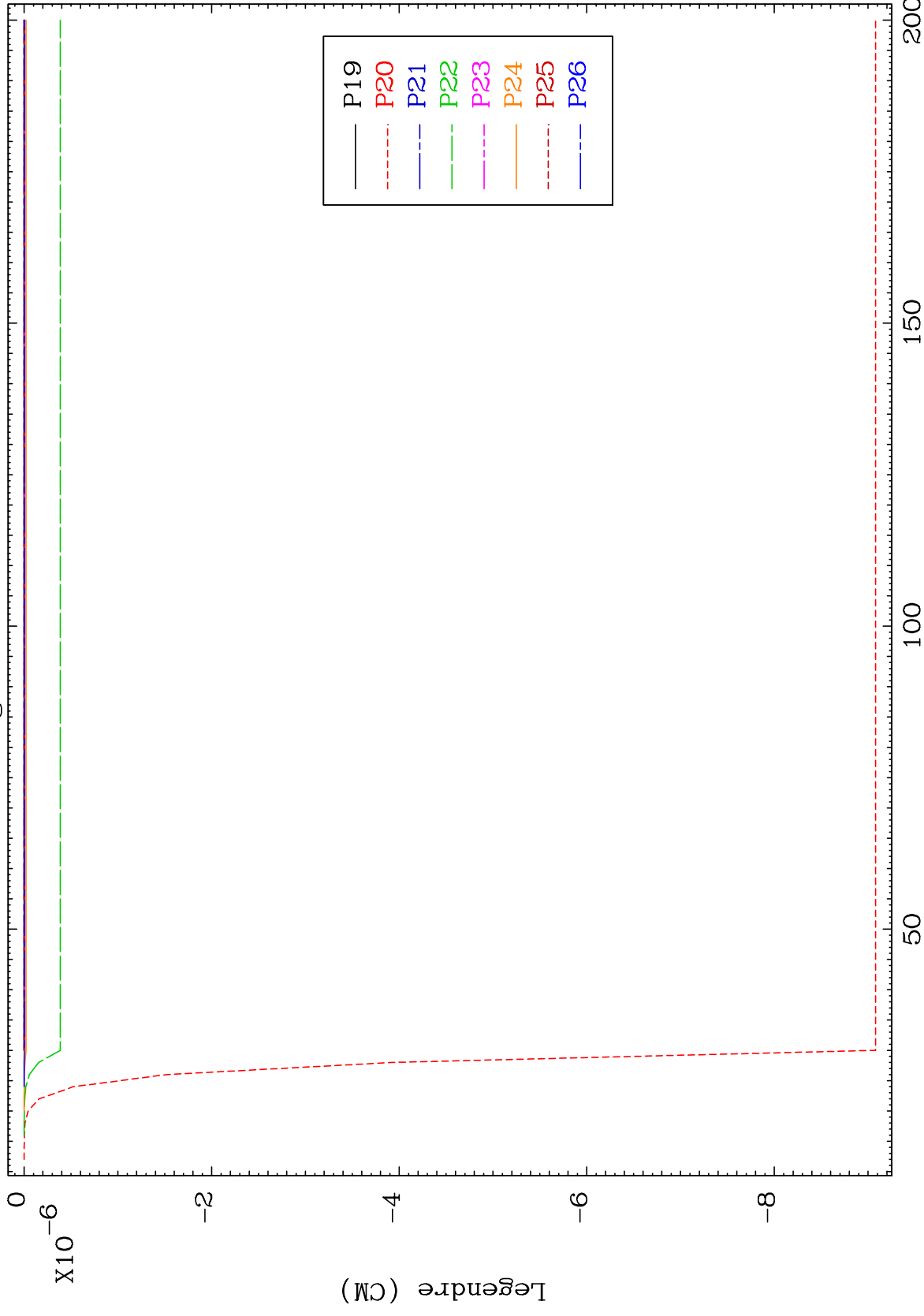
101

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

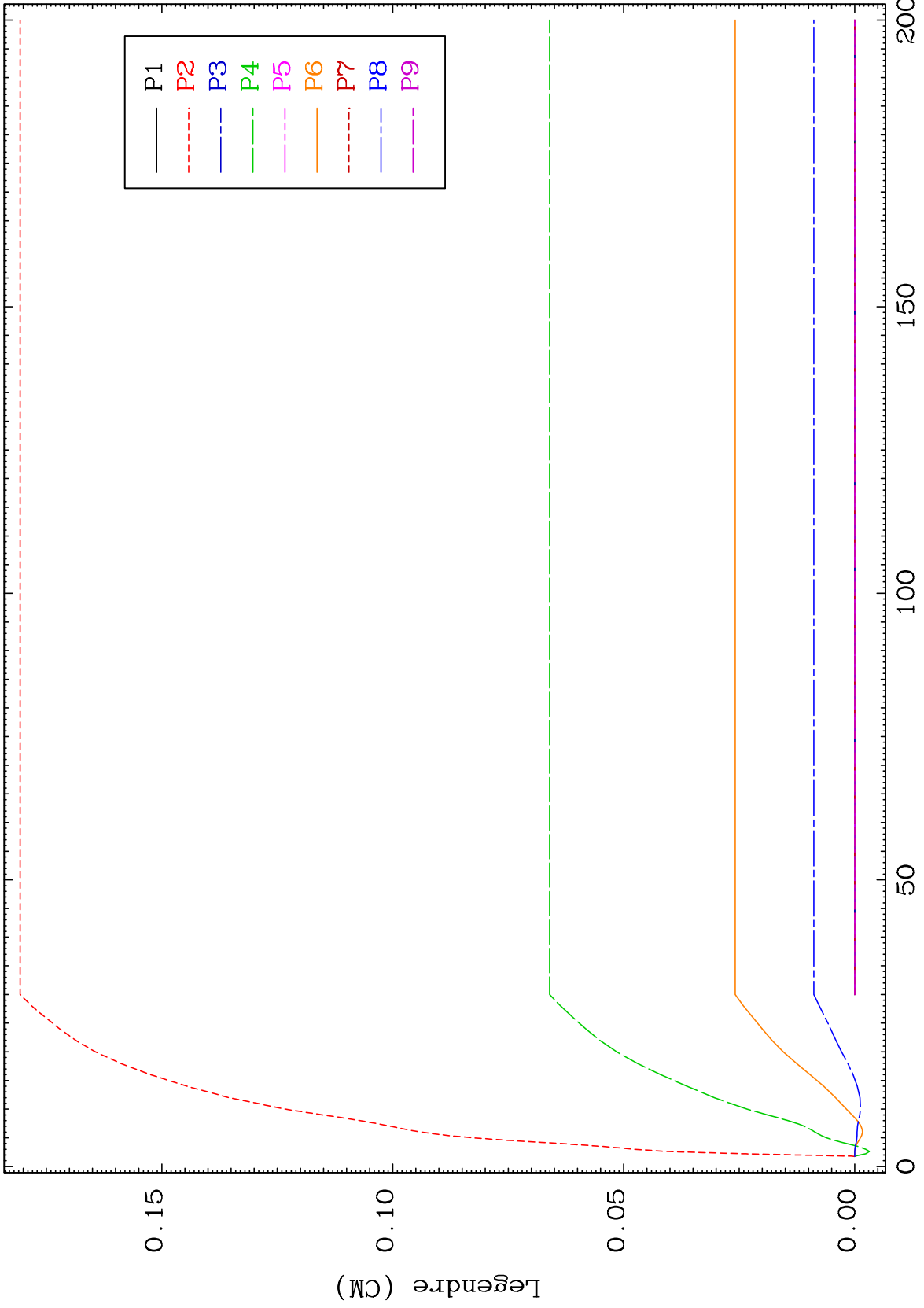
Incident Energy (MeV)

102

MAT 5828

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

58-Ce-137



103

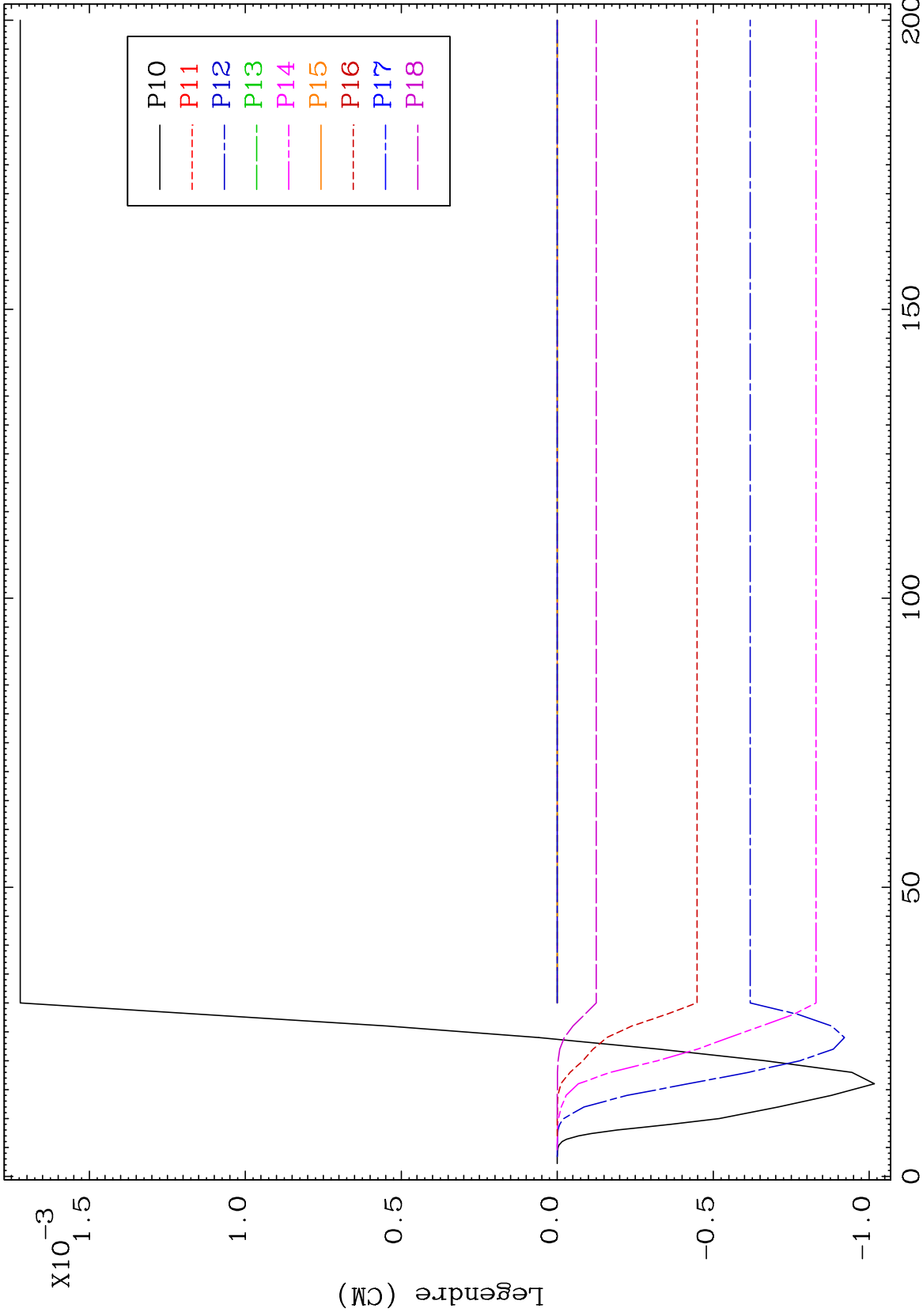
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



104

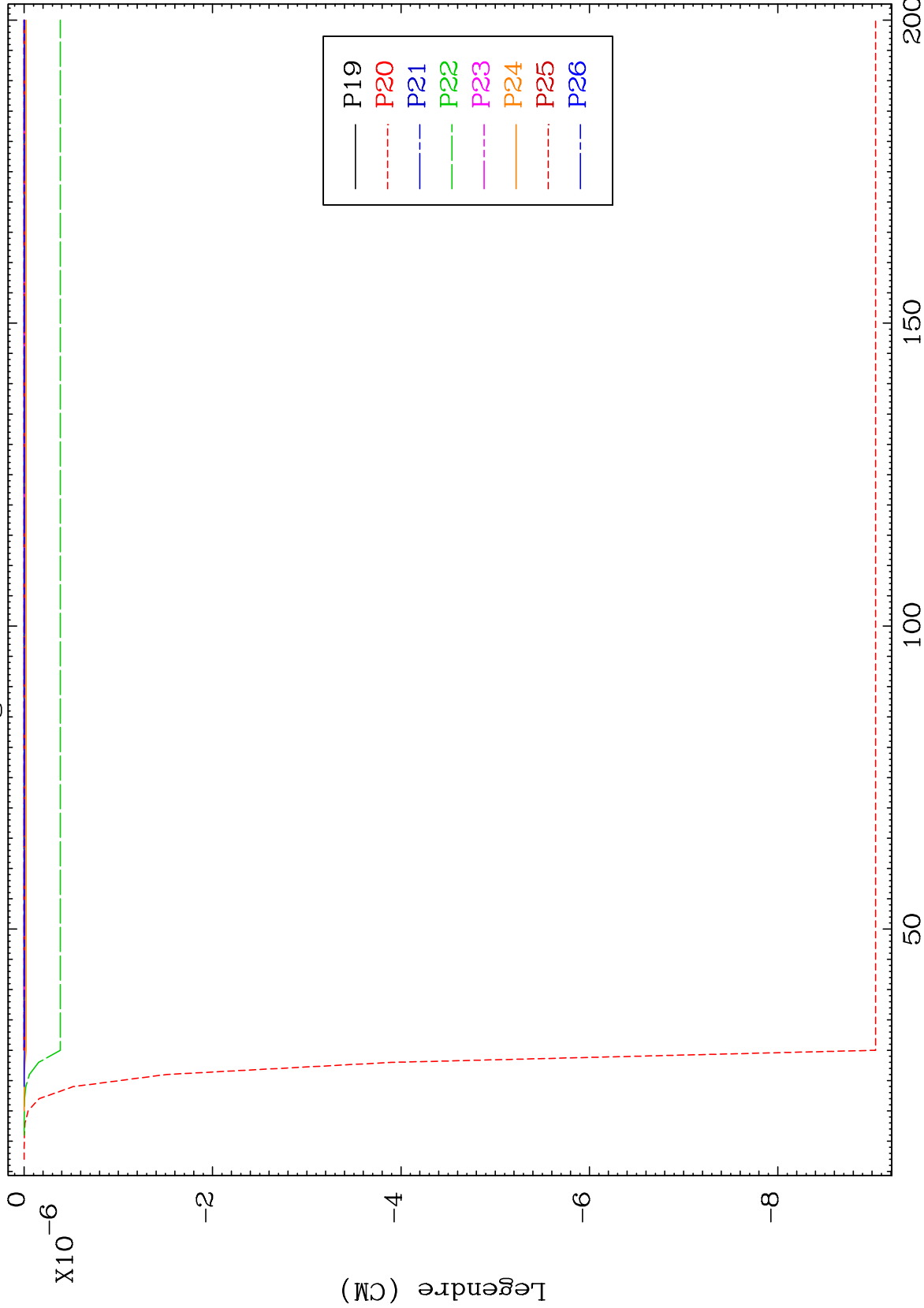
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



105

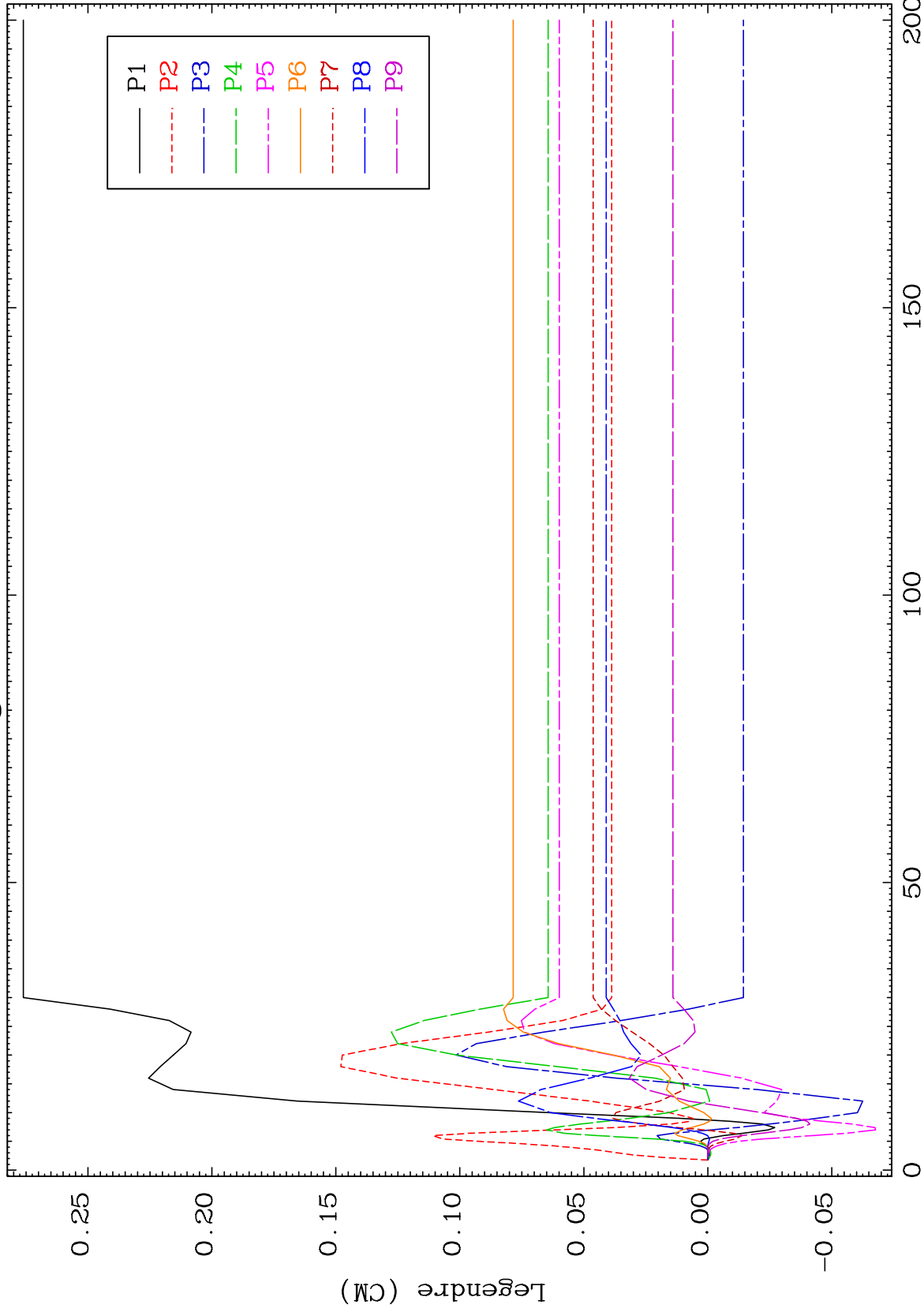
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

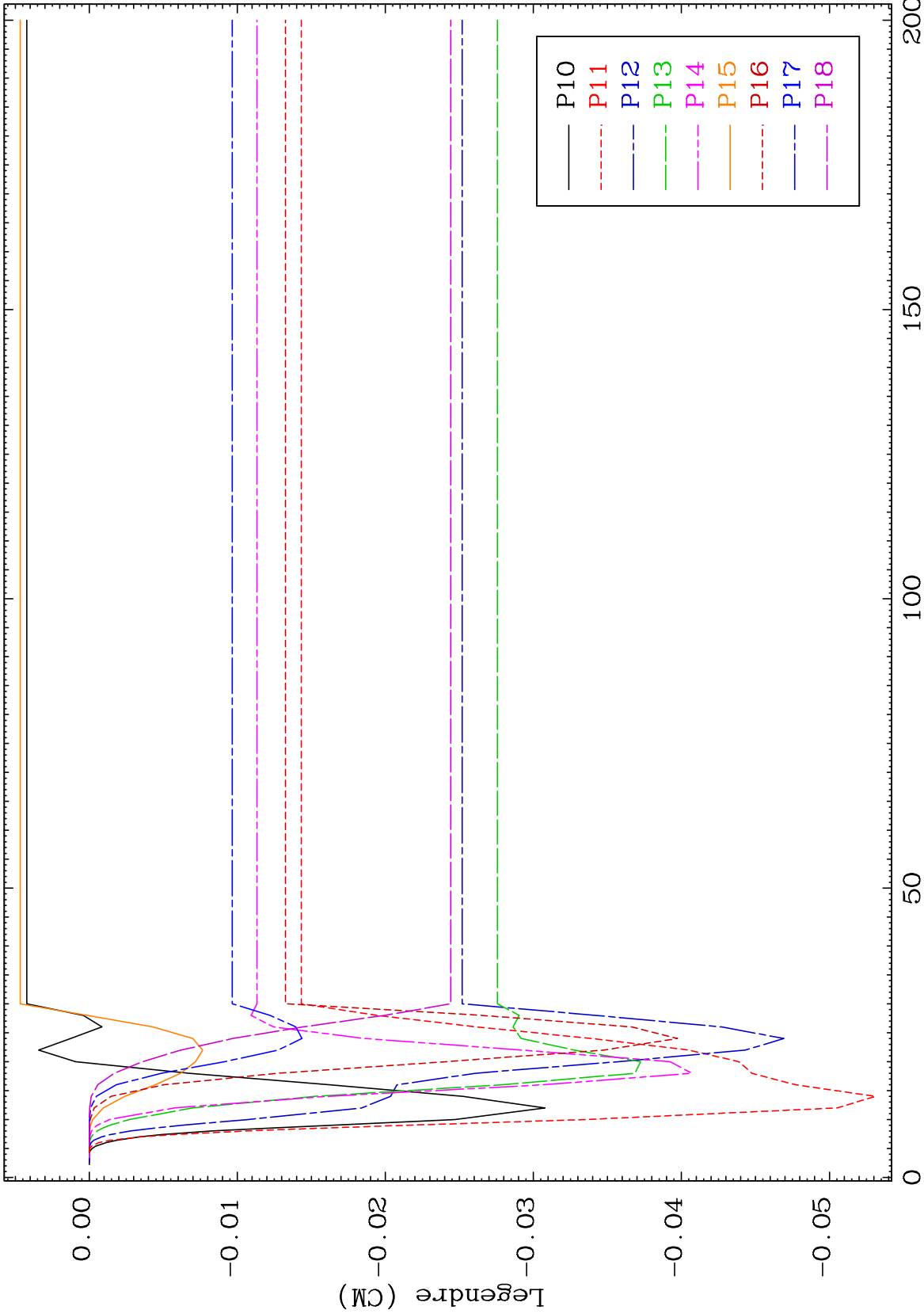
Incident Energy (MeV)

106

MAT 5828

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

58-Ce-137



107

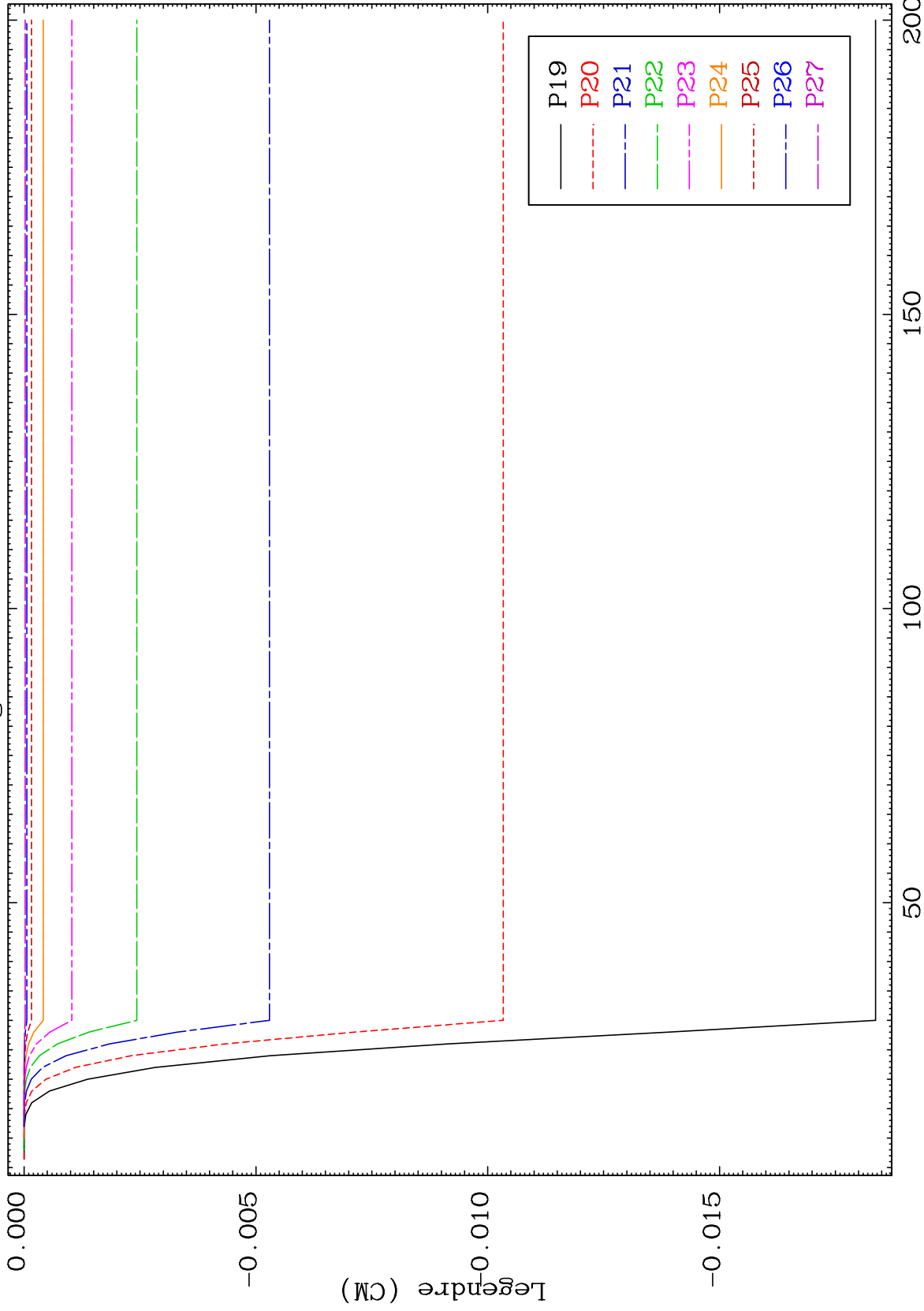
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



108

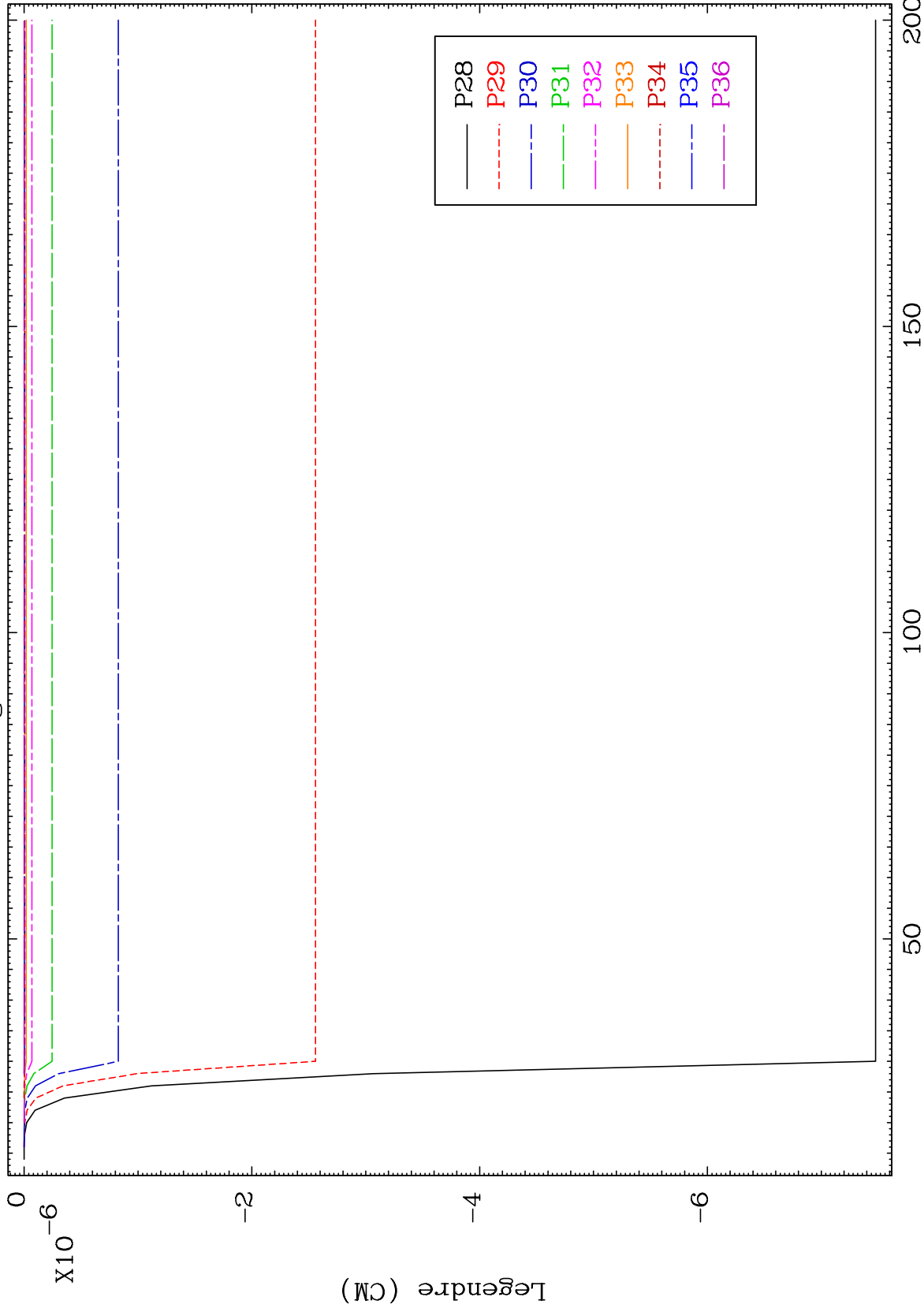
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



109

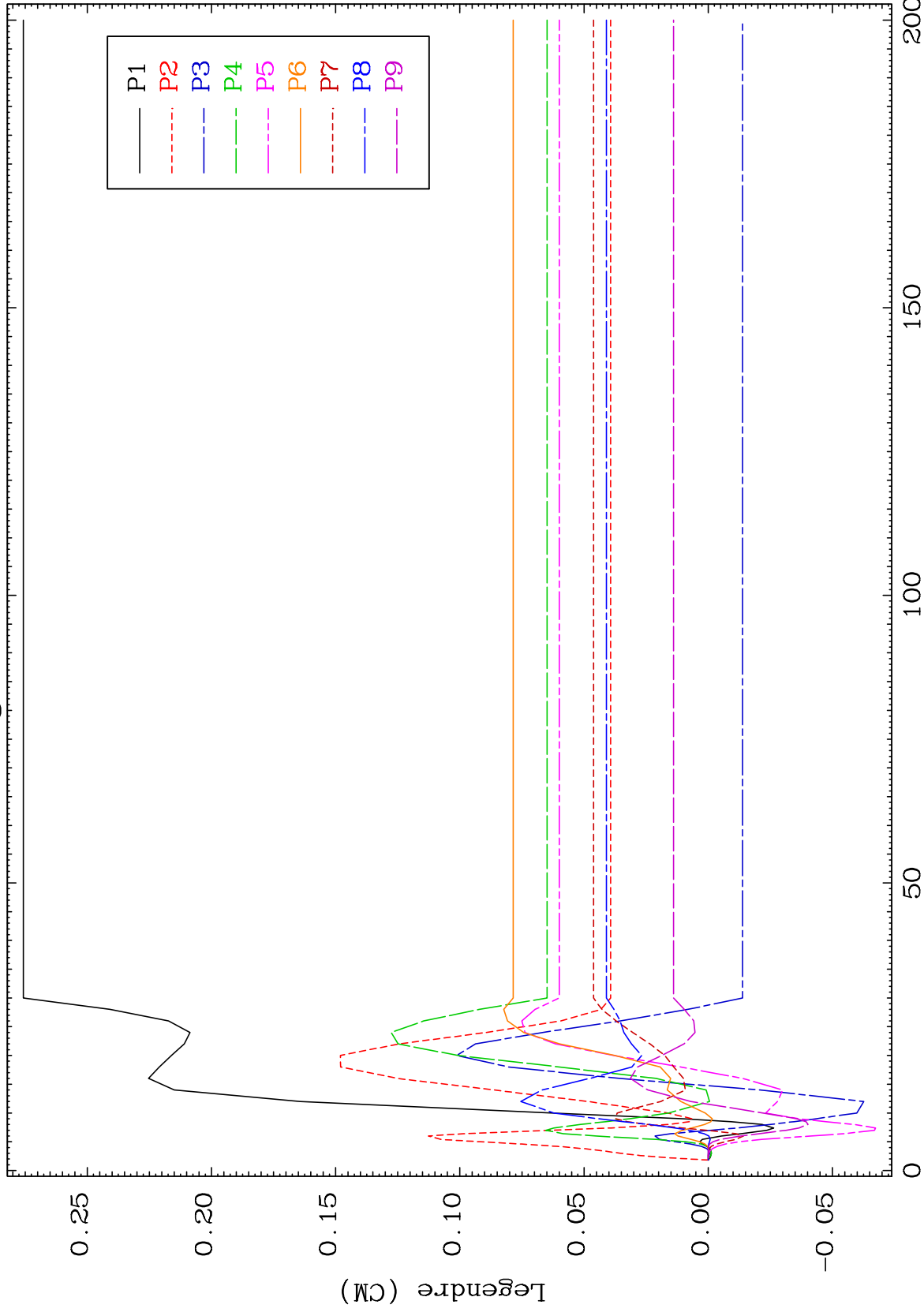
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



58-Ce-137

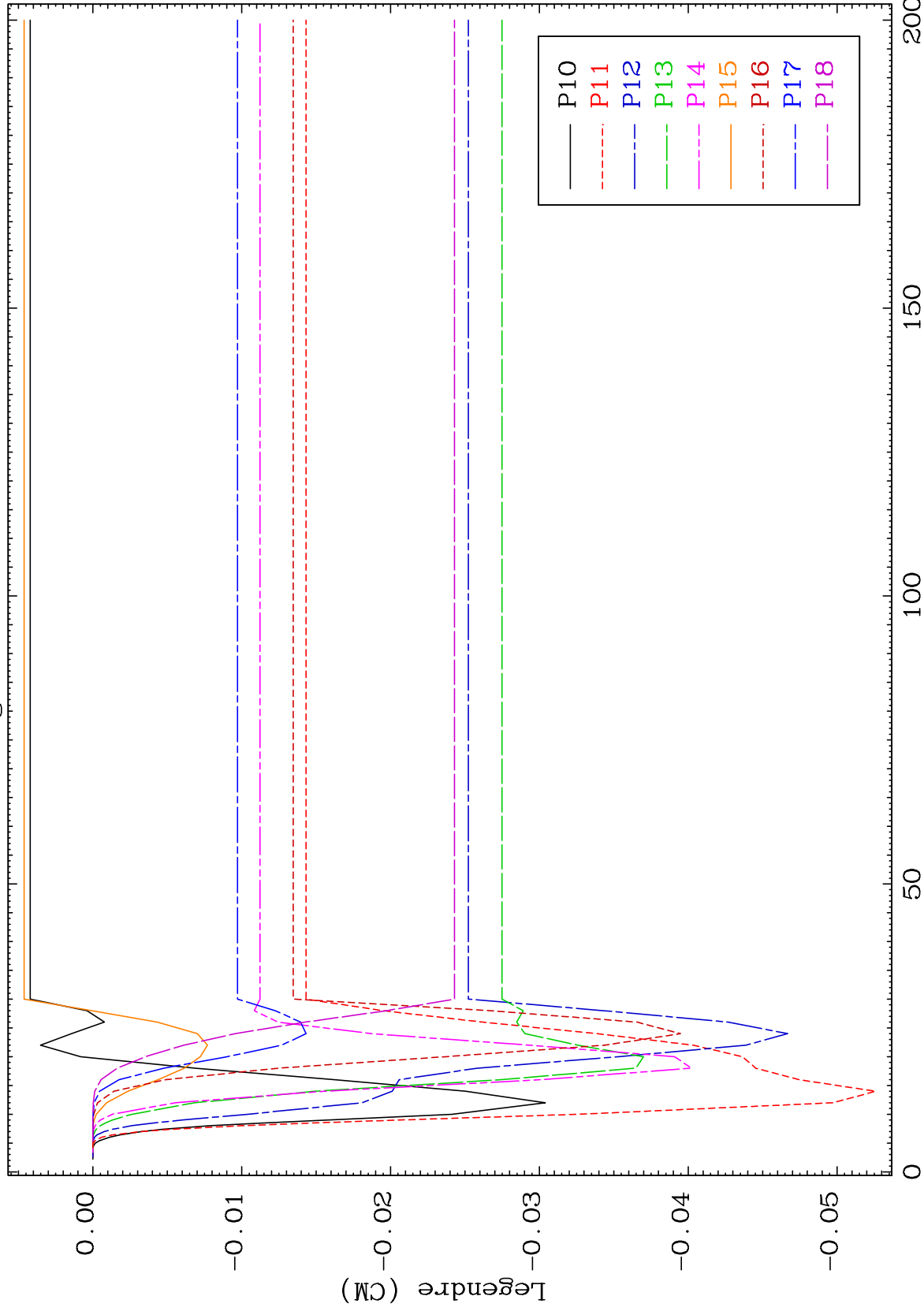
Incident Energy (MeV)

110

MAT 5828

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

58-Ce-137

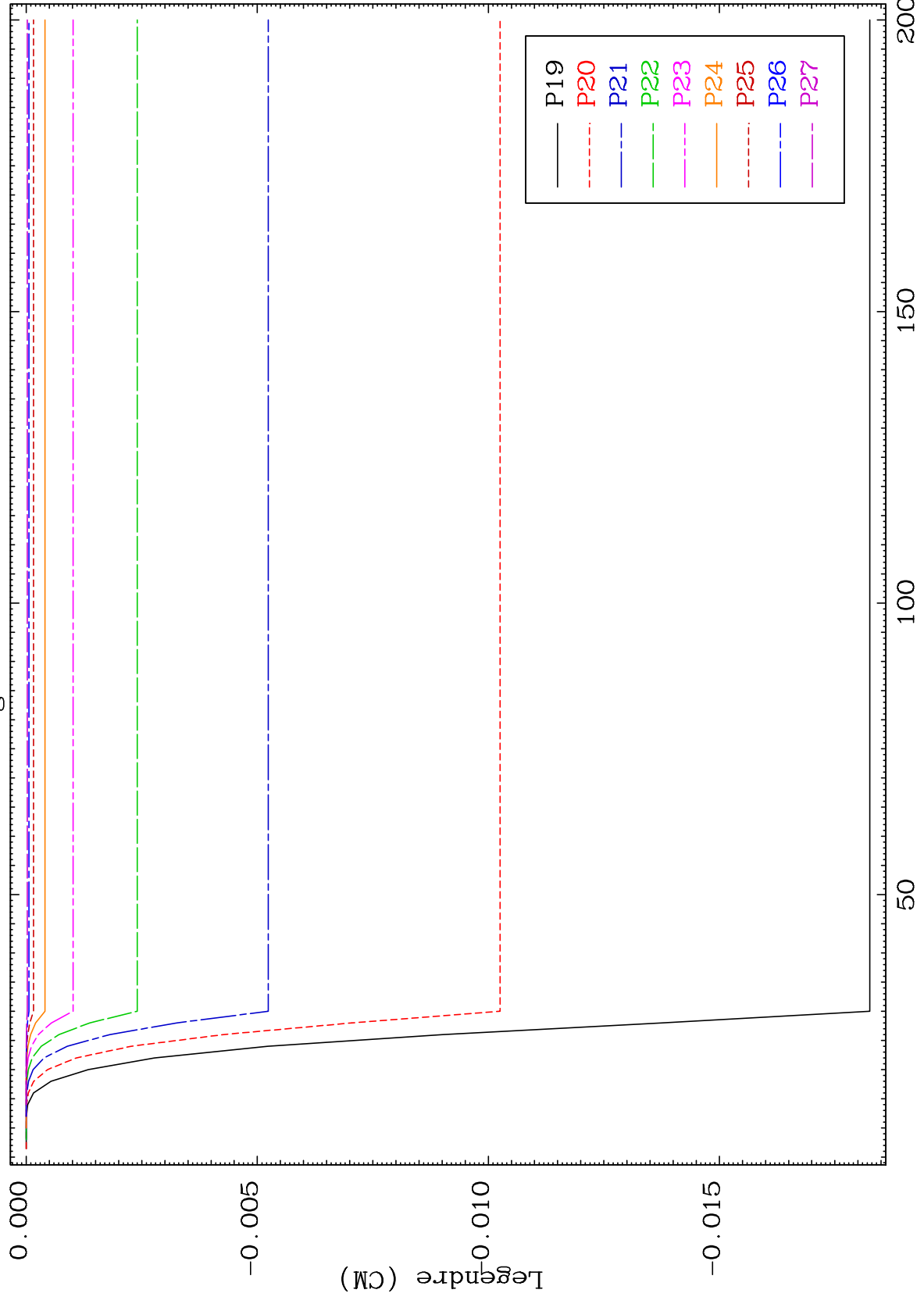


111

Incident Energy (MeV)

58-Ce-137

MAT 5828 MT= 78 (n,n') Level Legendre Coefficients 58-Ce-137

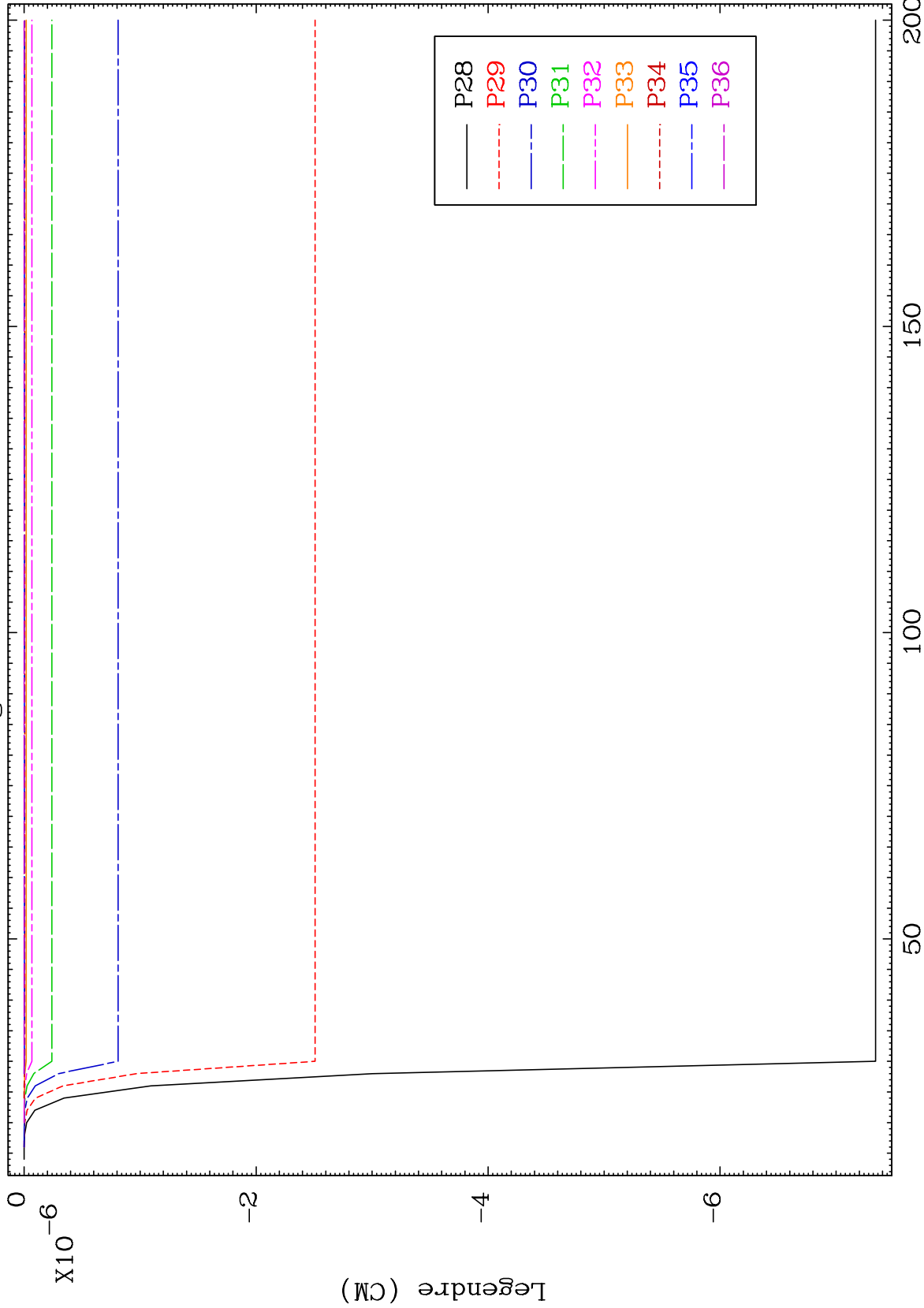


112 58-Ce-137

MAT 5828

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

58-Ce-137



113

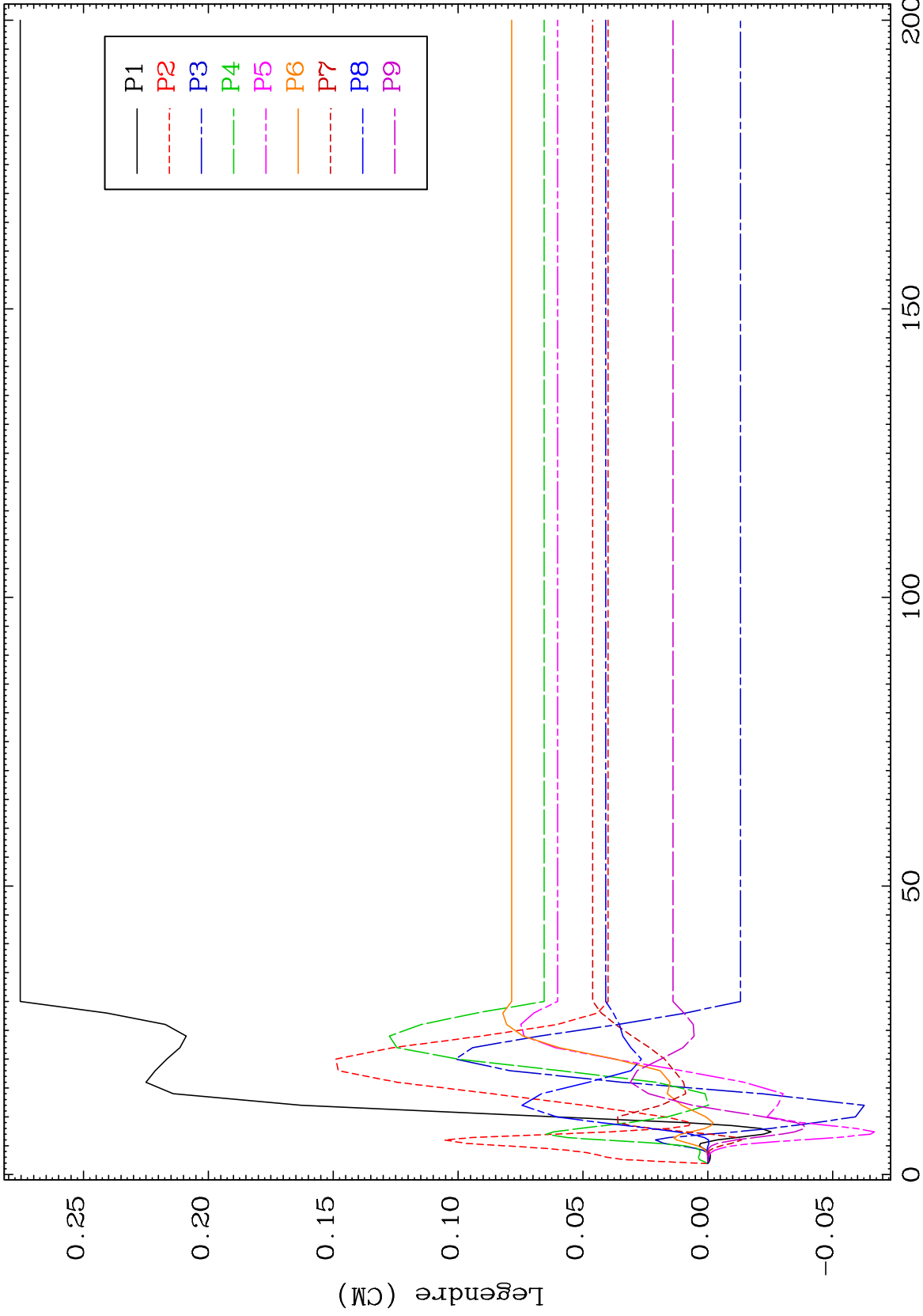
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



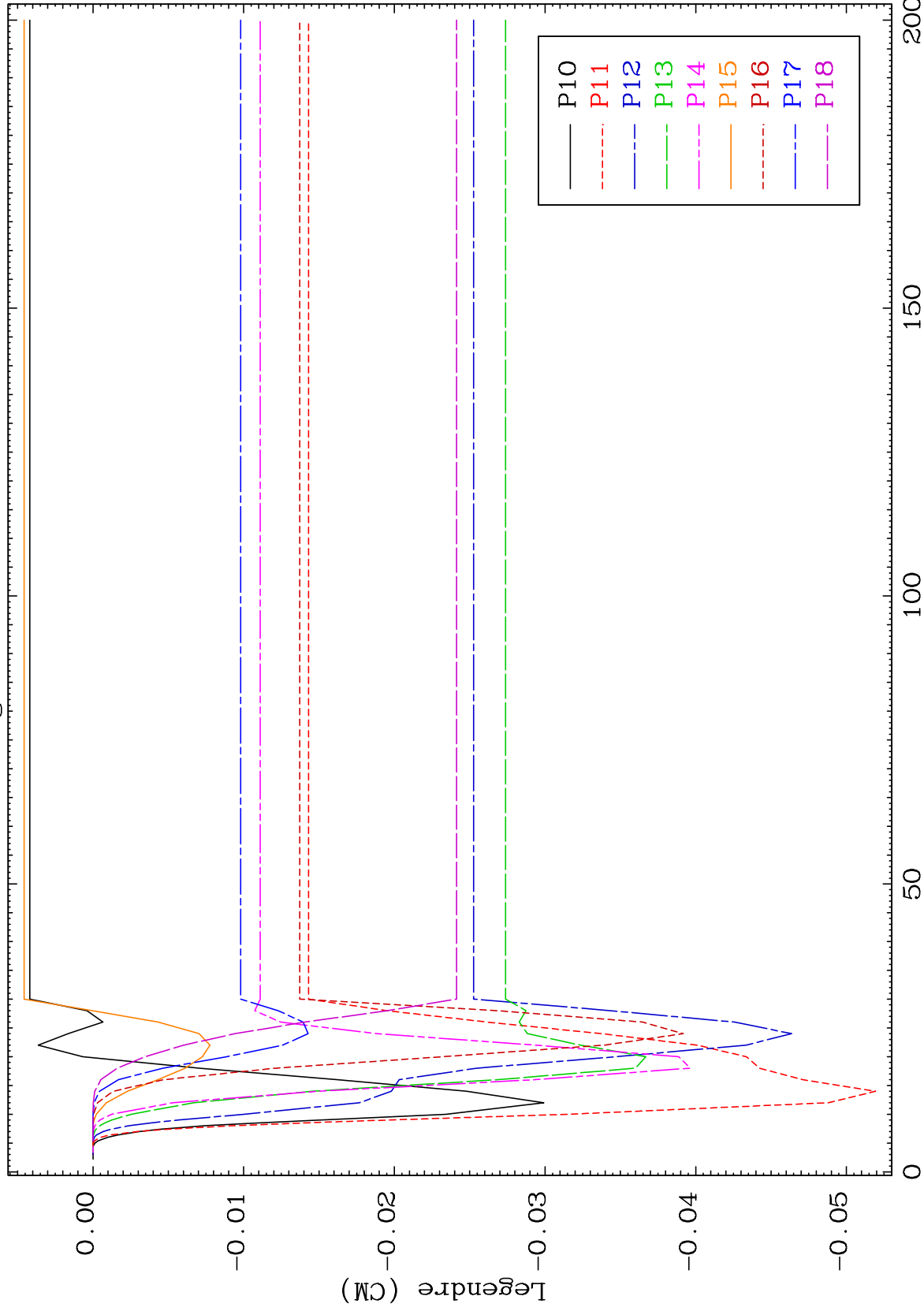
114

58-Ce-137

MAT 5828

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

58-Ce-137



115

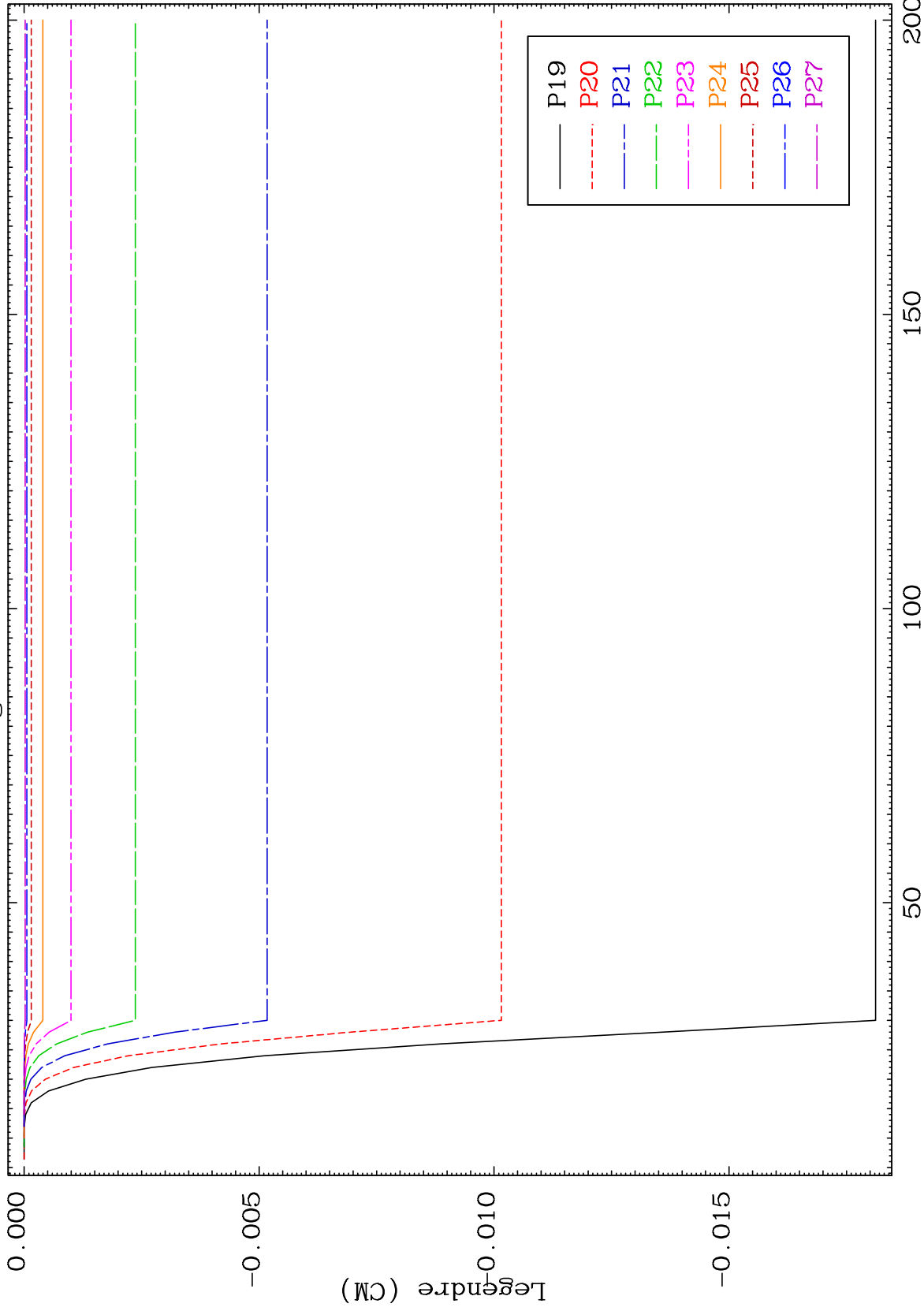
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



116

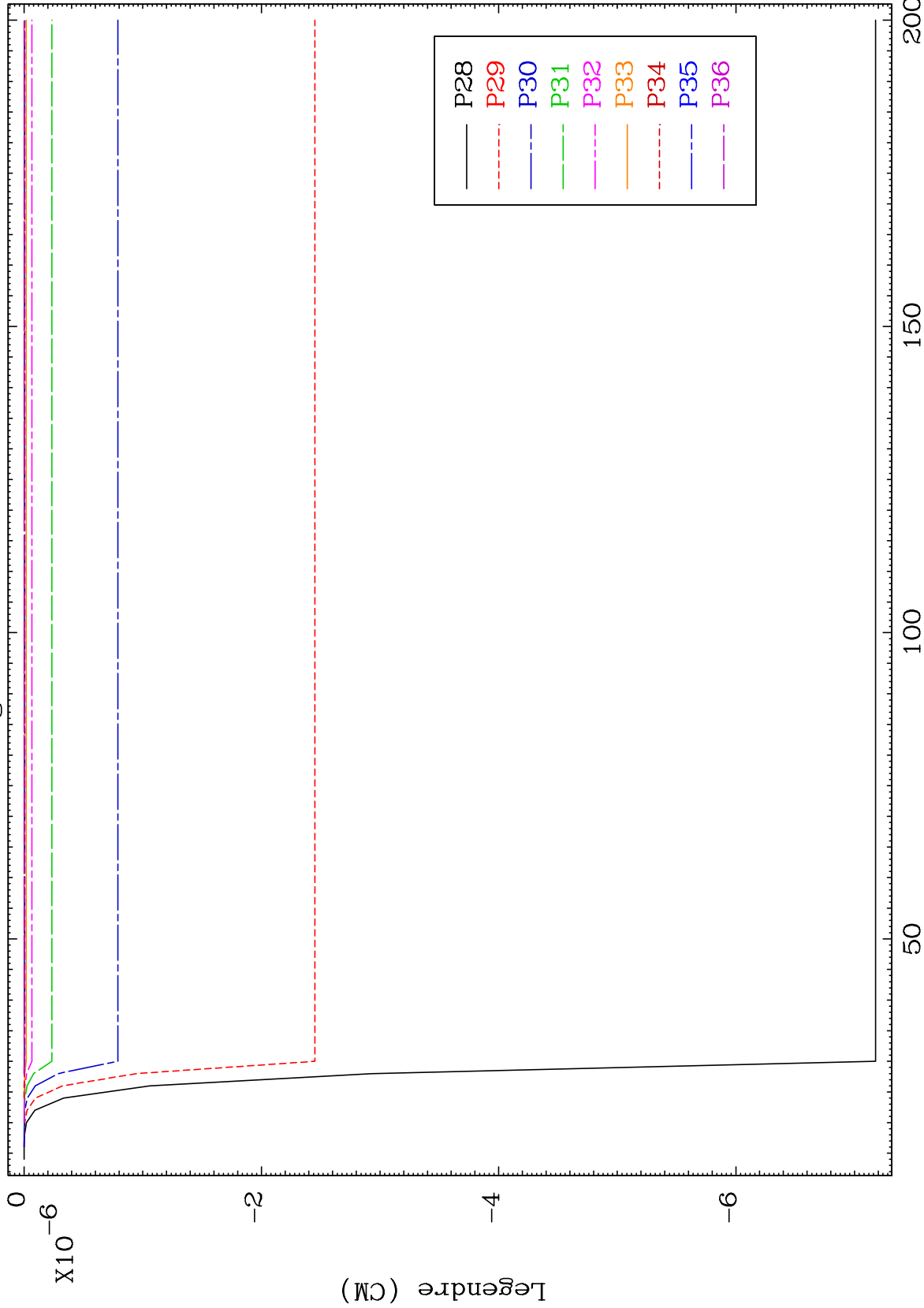
Incident Energy (MeV)

58-Ce-137

MAT 5828

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

58-Ce-137



117

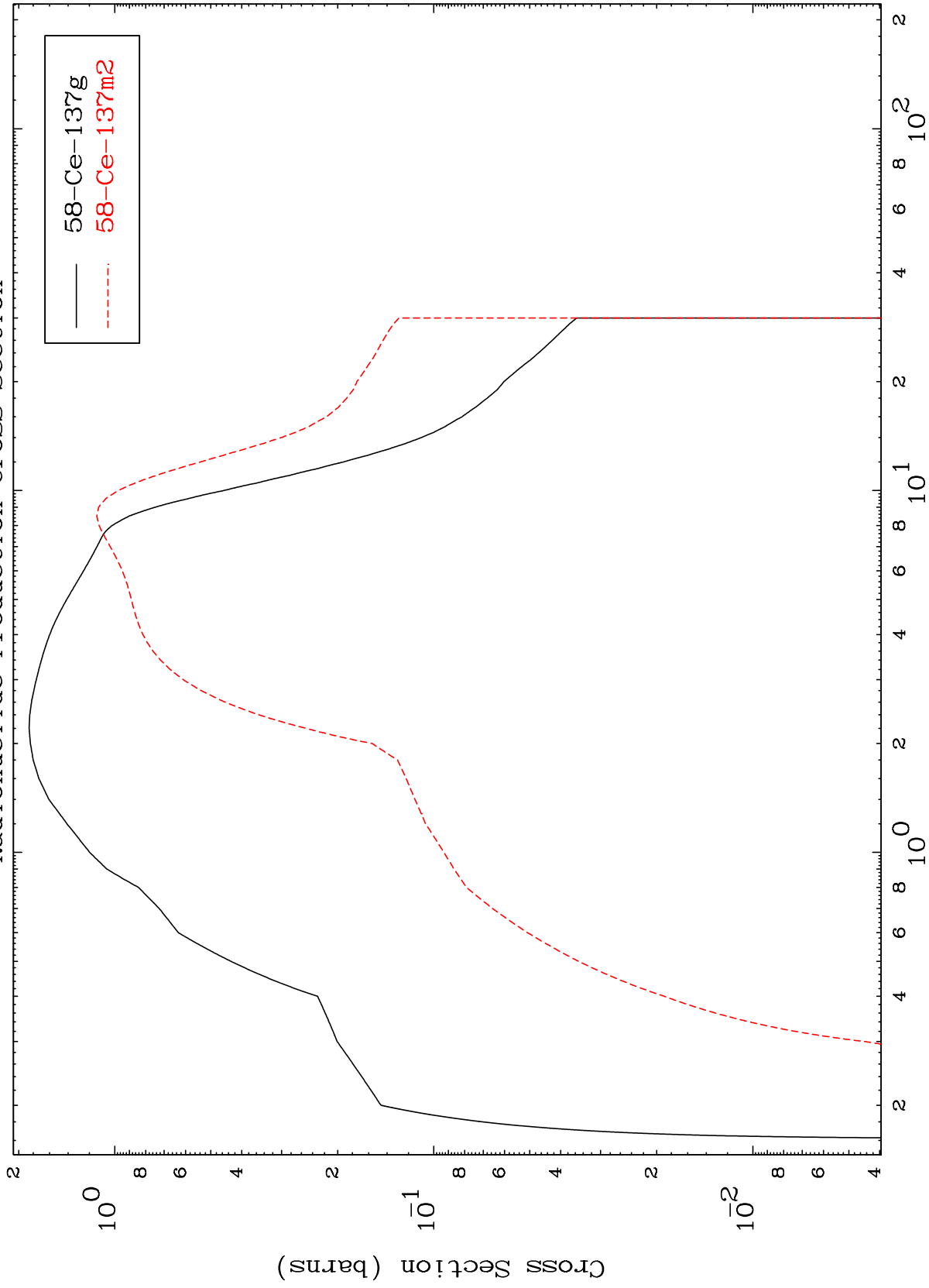
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

Inelastic Radionuclide Production Cross Section



118

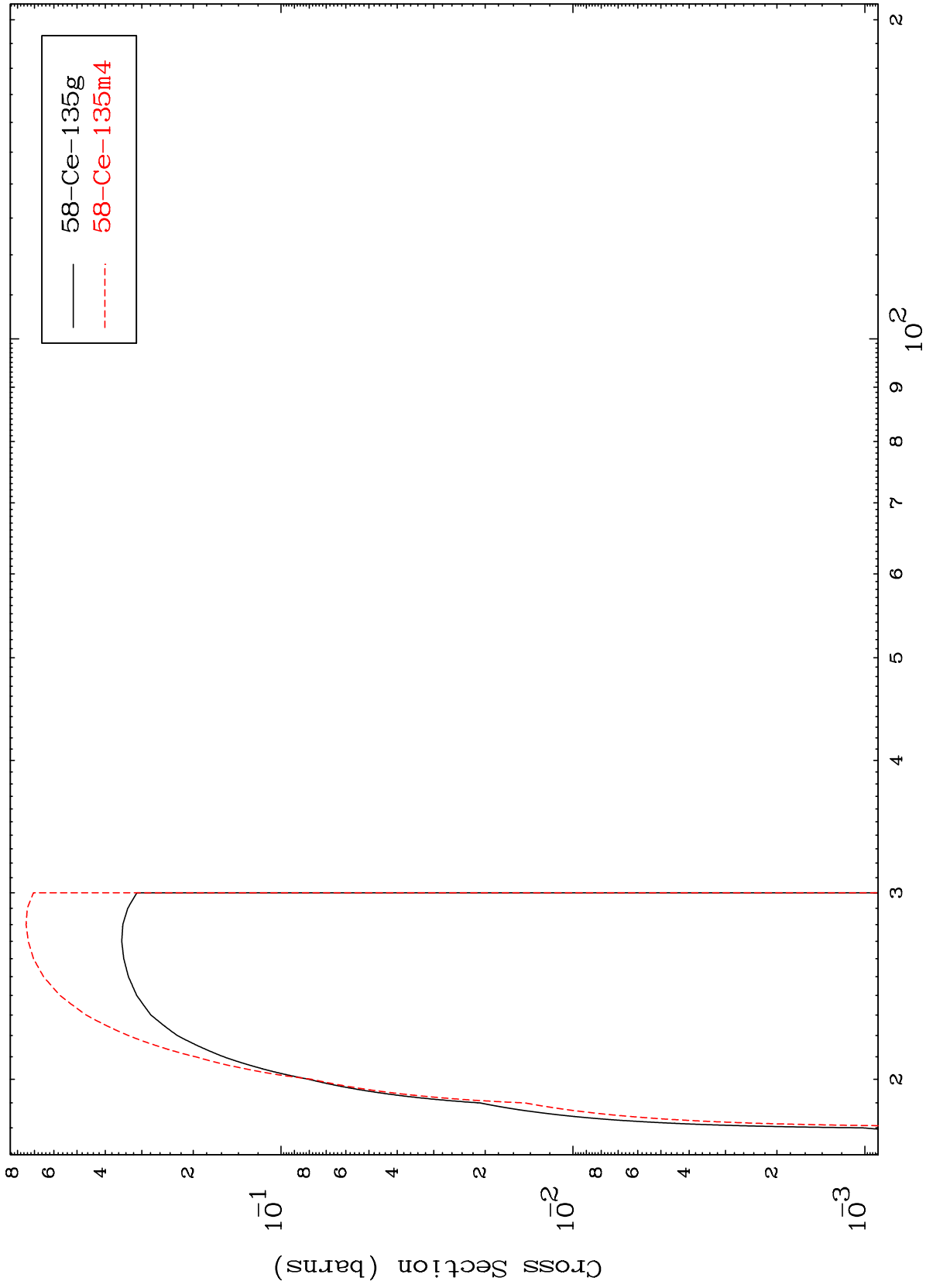
Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137

(n,3n)
Radionuclide Production Cross Section



119

Incident Energy (MeV)

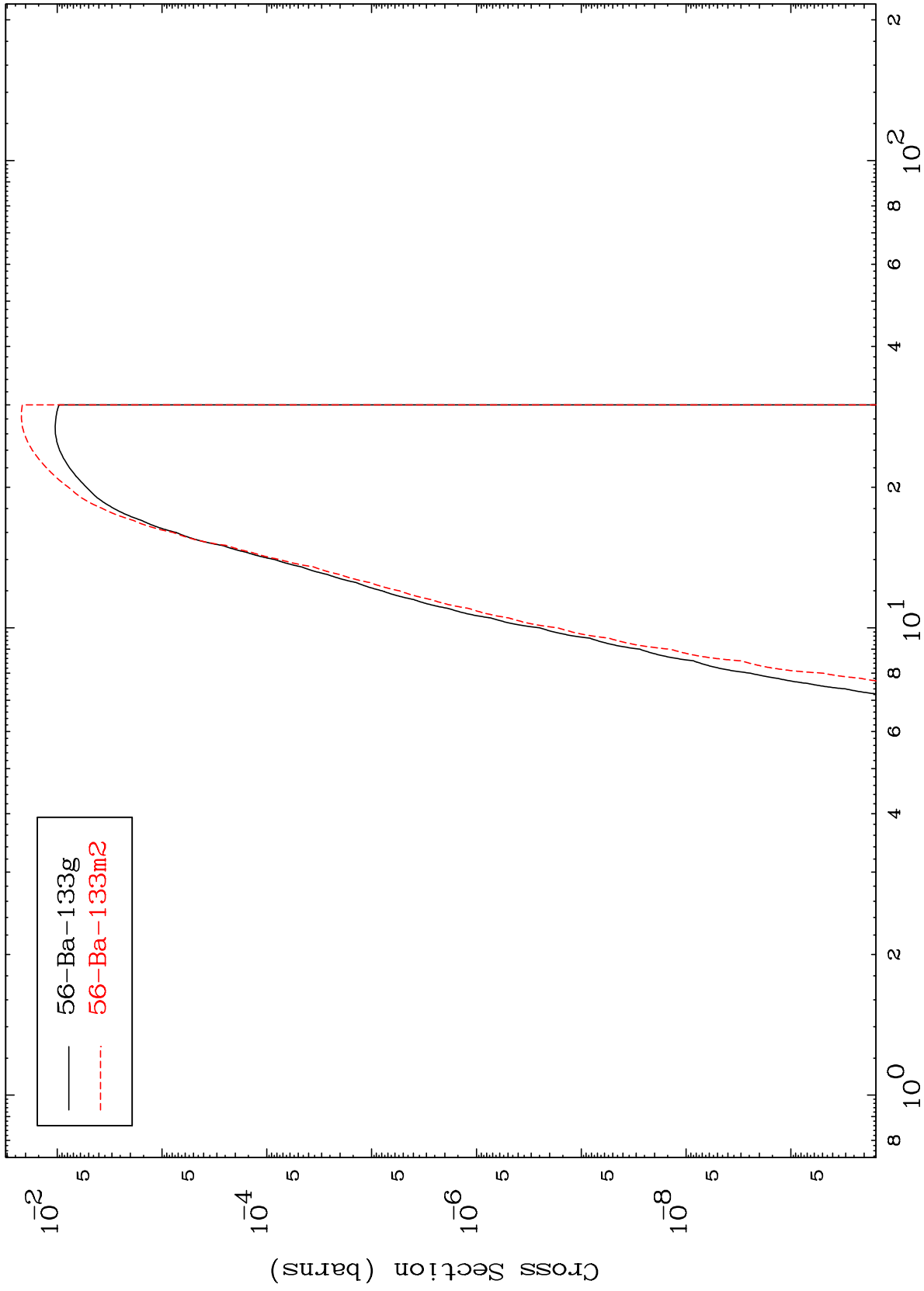
58-Ce-137

MAT 5828

(n,n') α

58-Ce-137

Radionuclide Production Cross Section



120

Incident Energy (MeV)

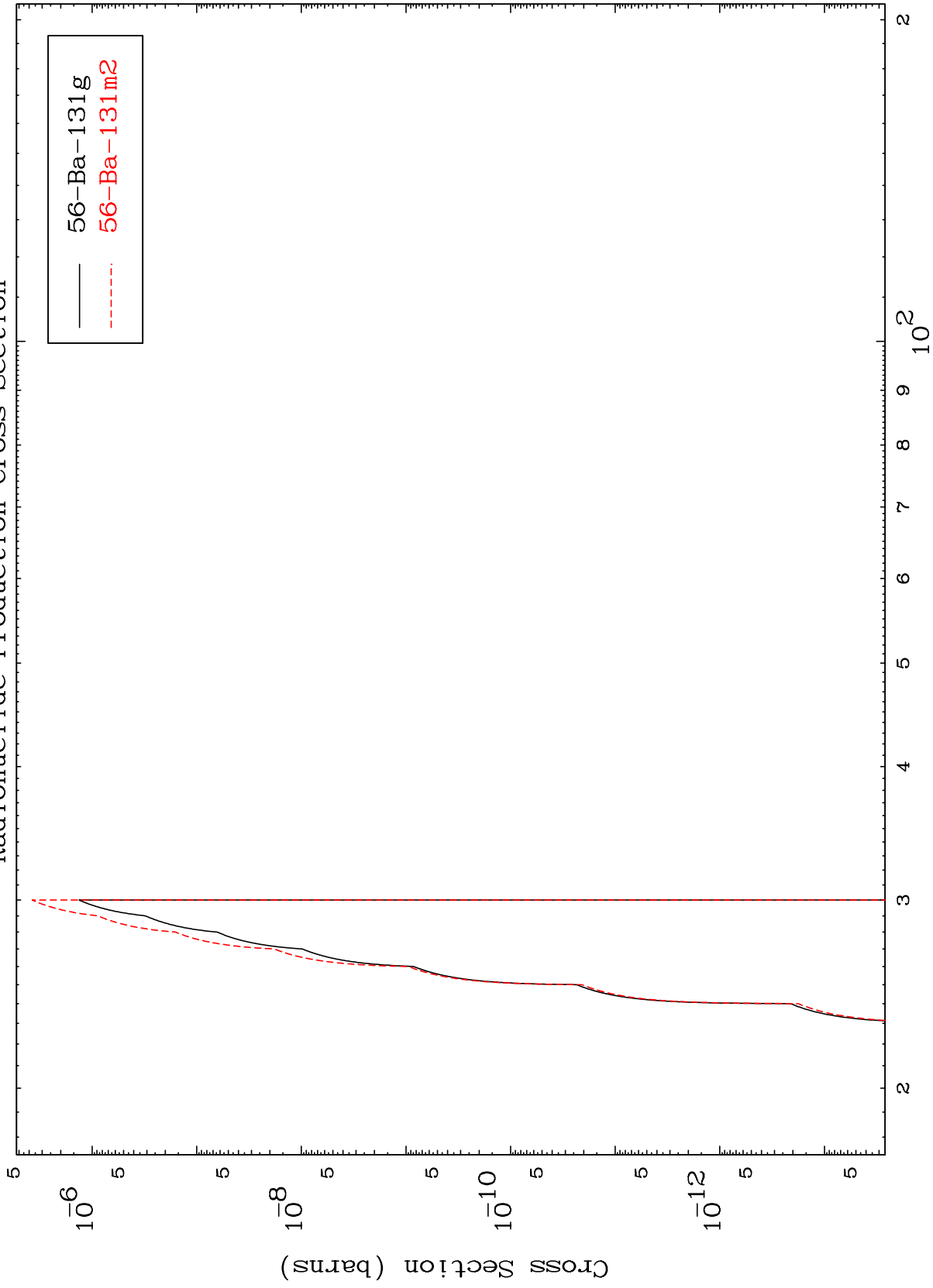
58-Ce-137

MAT 5828

(n,3n) α

58-Ce-137

Radionuclide Production Cross Section



121

Incident Energy (MeV)

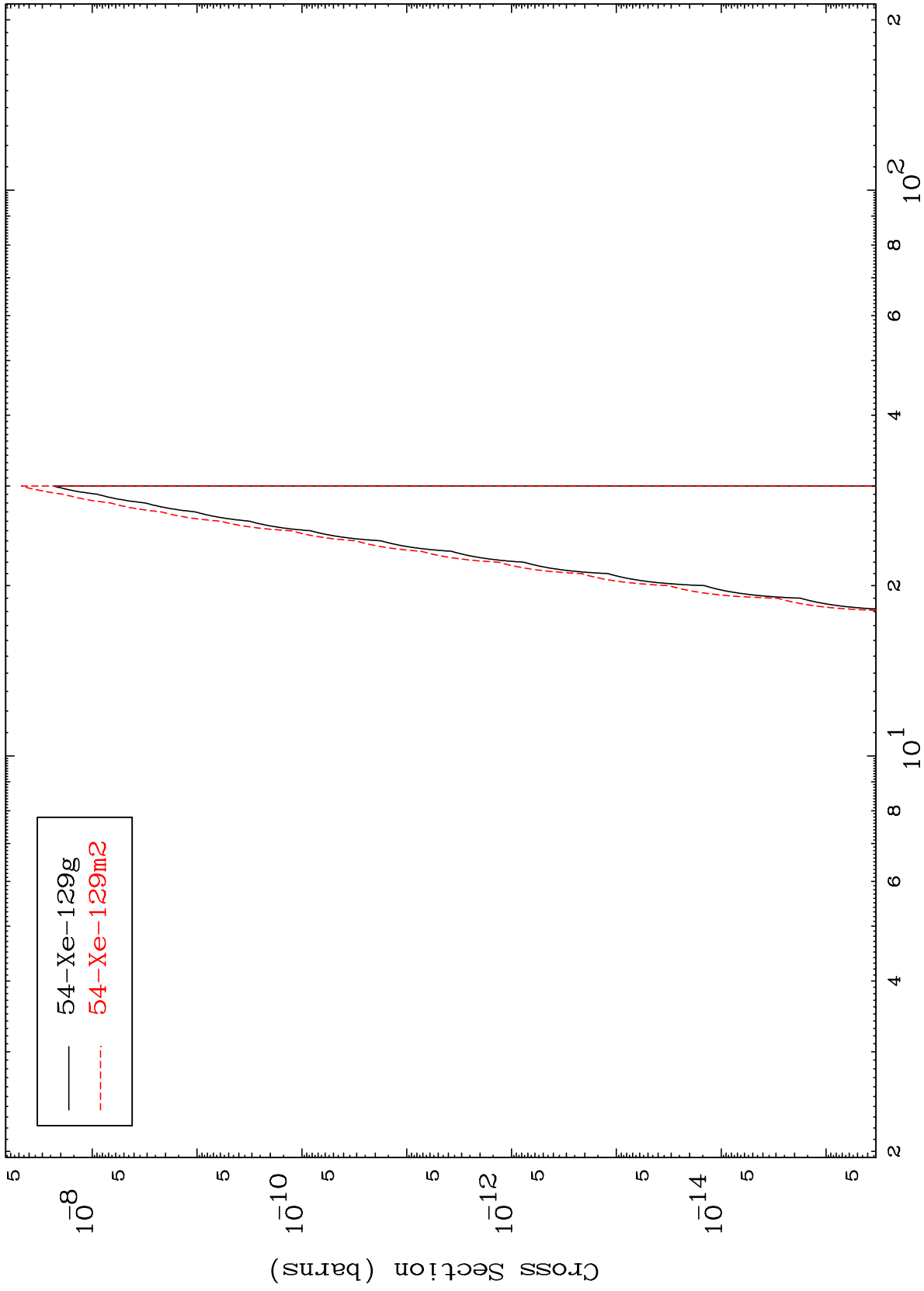
58-Ce-137

MAT 5828

(n,n') 2α

58-Ce-137

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

122

Incident Energy (MeV)

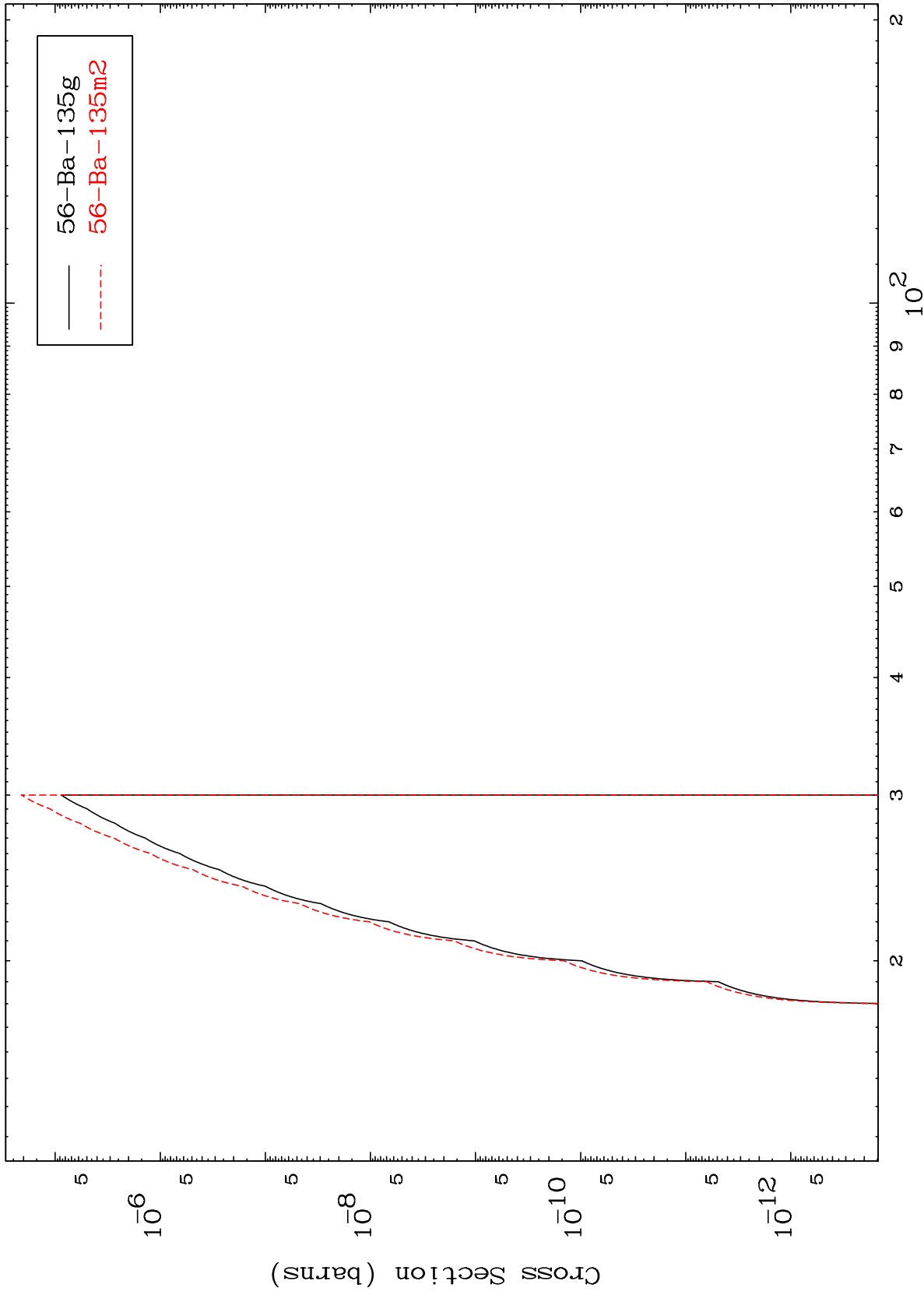
58-Ce-137

MAT 5828

(n,2n) p

58-Ce-137

Radionuclide Production Cross Section



123

Incident Energy (MeV)

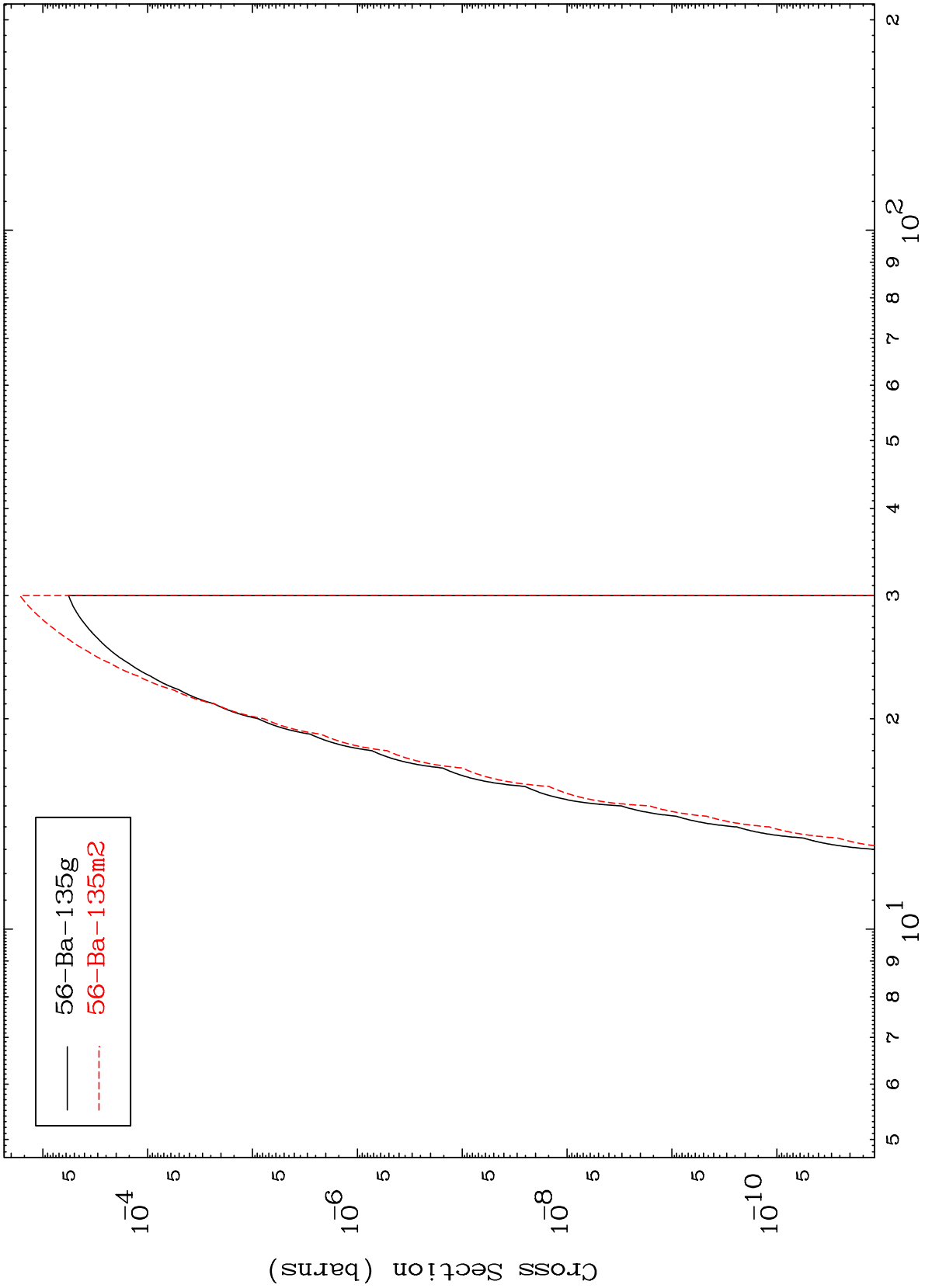
58-Ce-137

MAT 5828

(n, He-3)

58-Ce-137

Radionuclide Production Cross Section



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

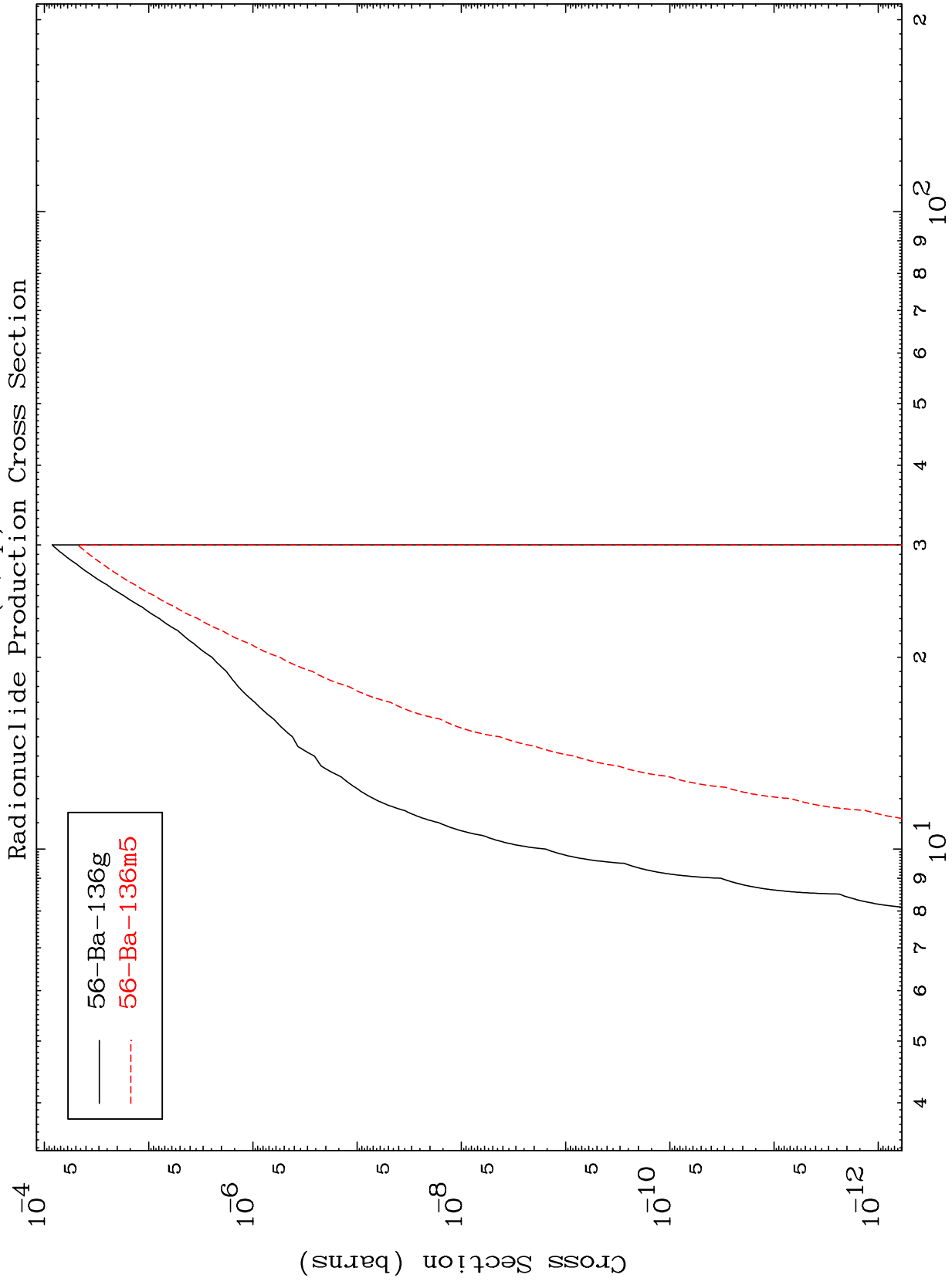
124

Incident Energy (MeV)

58-Ce-137

MAT 5828

58-Ce-137



125

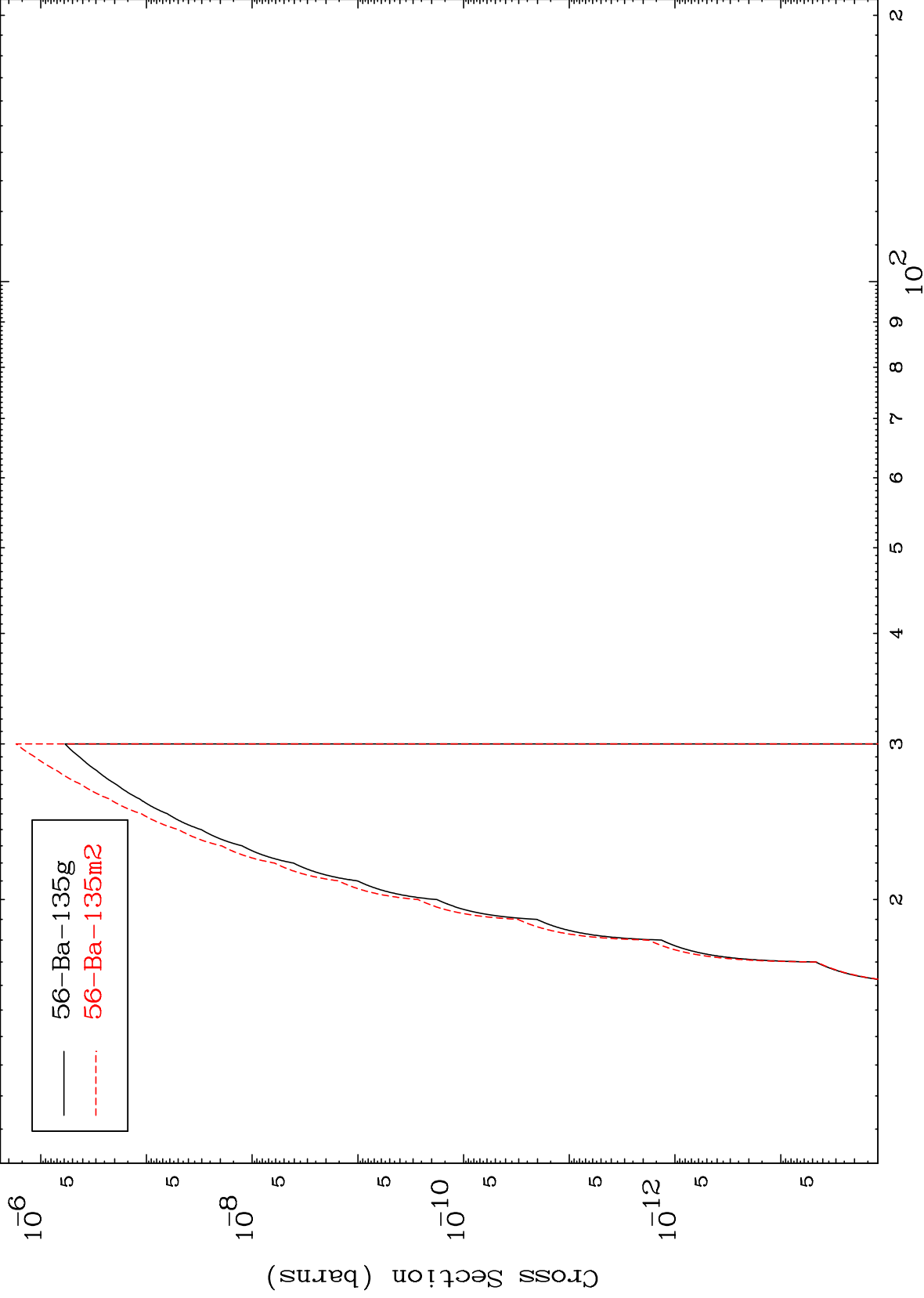
58-Ce-137

MAT 5828

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58-Ce-137

Radionuclide Production Cross Section



126

Incident Energy (MeV)

58-Ce-137