

Program EVALPLOT  
(Version 2018-1)

by

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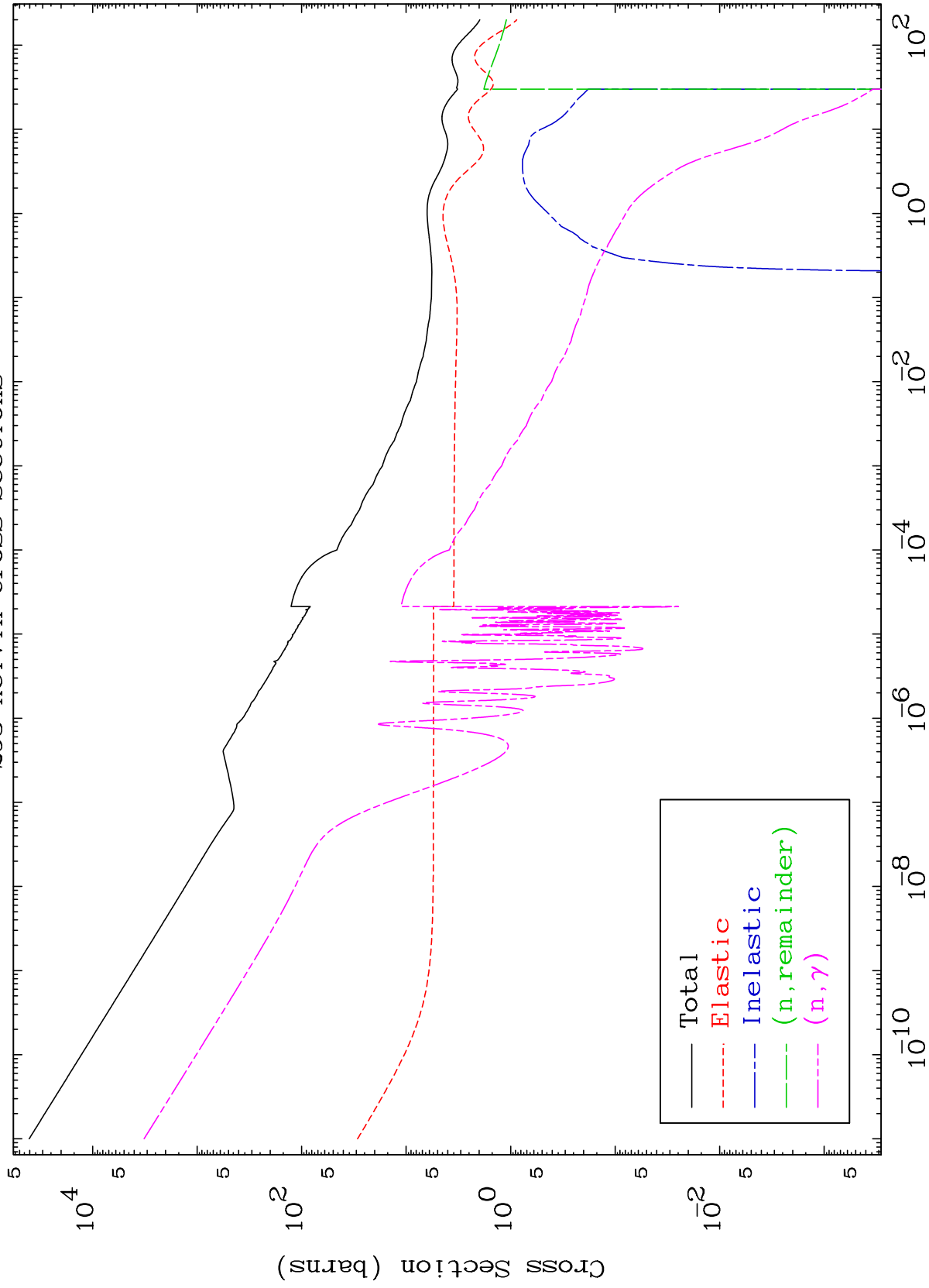
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5404

Major  
293 Kelvin Cross Sections

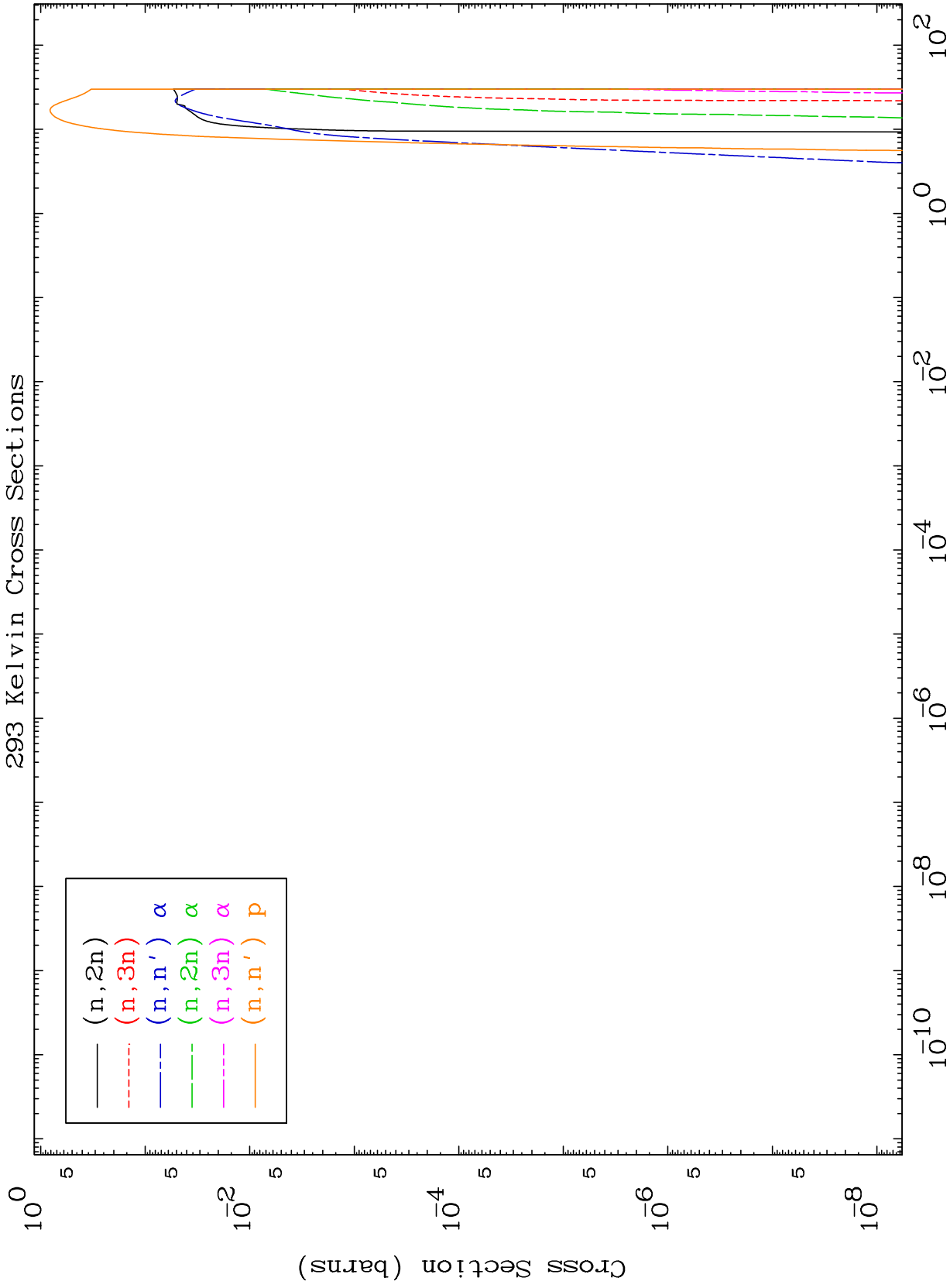
54-Xe-117



MAT 5404

Neutron Production  
293 Kelvin Cross Sections

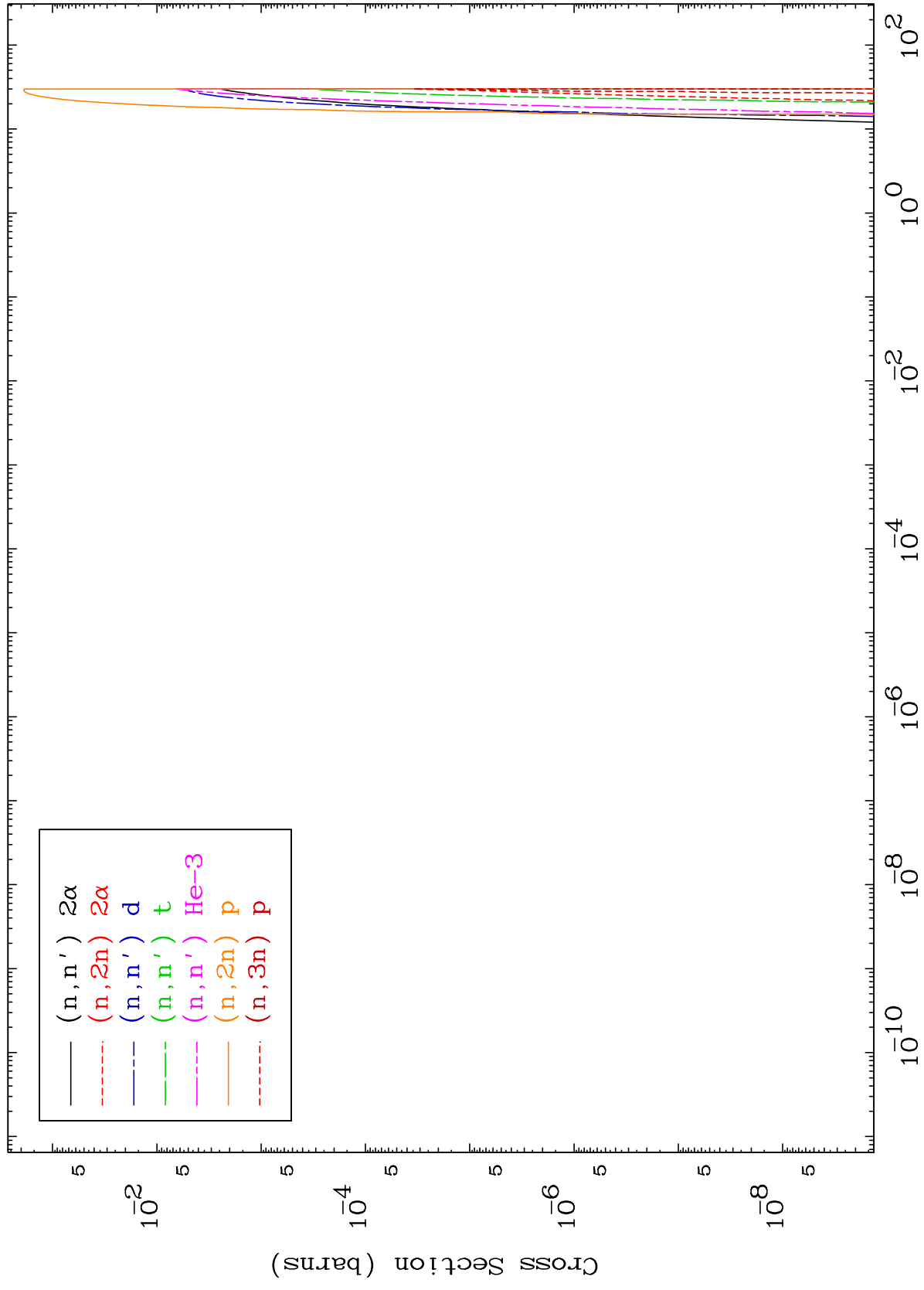
54-Xe-117



MAT 5404

Neutron Production  
293 Kelvin Cross Sections

54-Xe-117

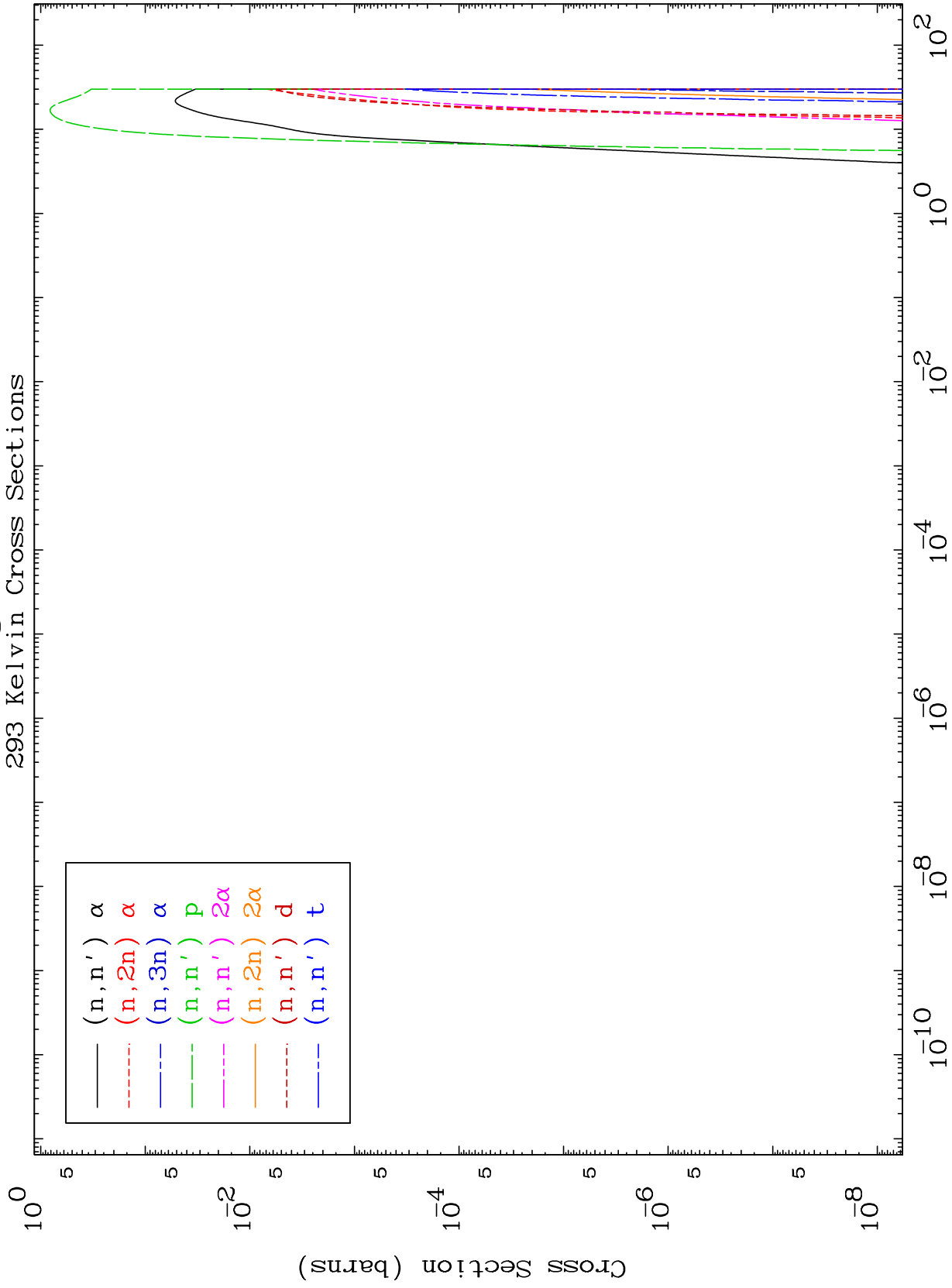


54-Xe-117

MAT 5404

293 Charged Particle  
Kelvin Cross Sections

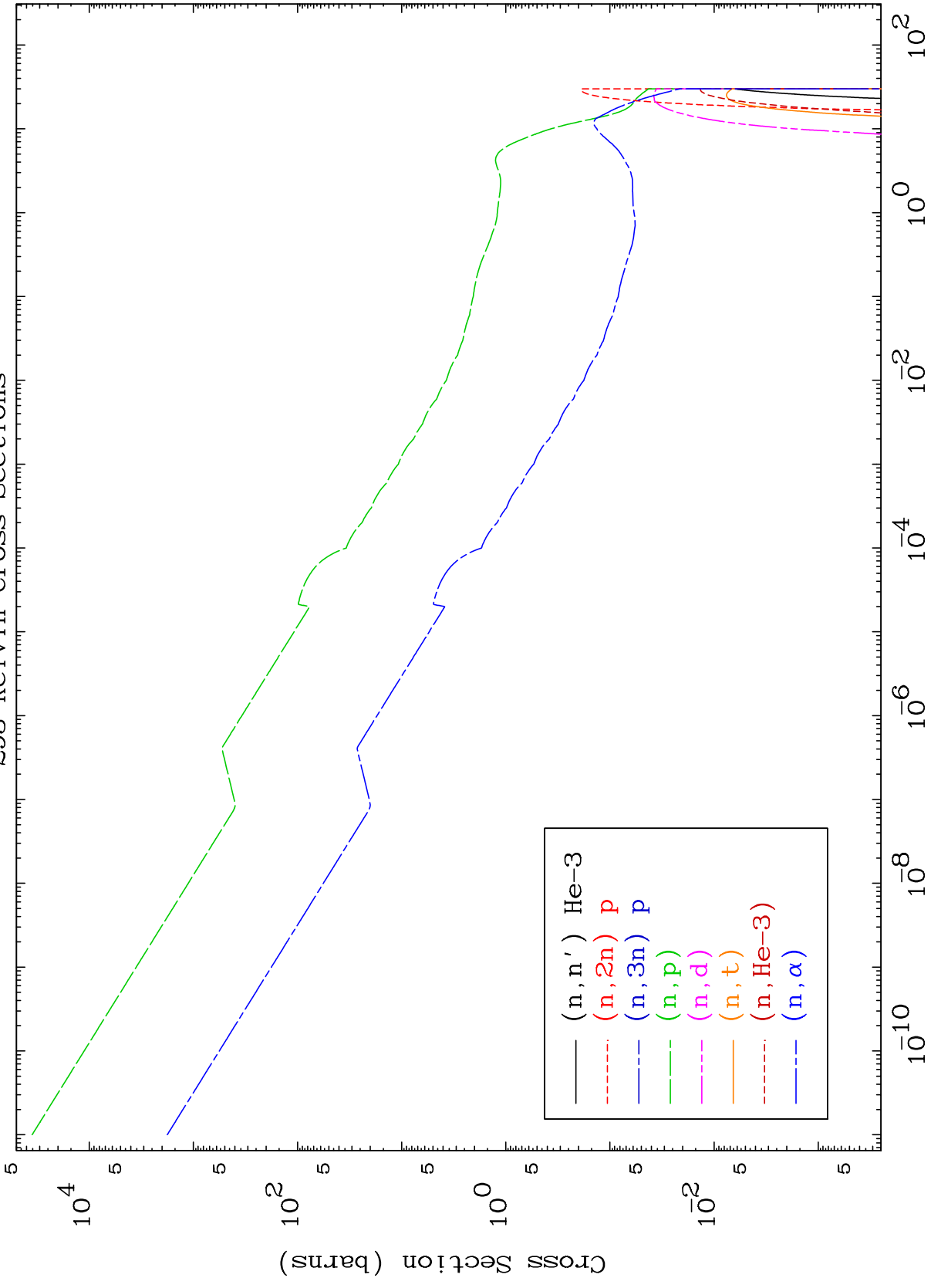
54-Xe-117



MAT 5404

293 Kelvin Cross Sections

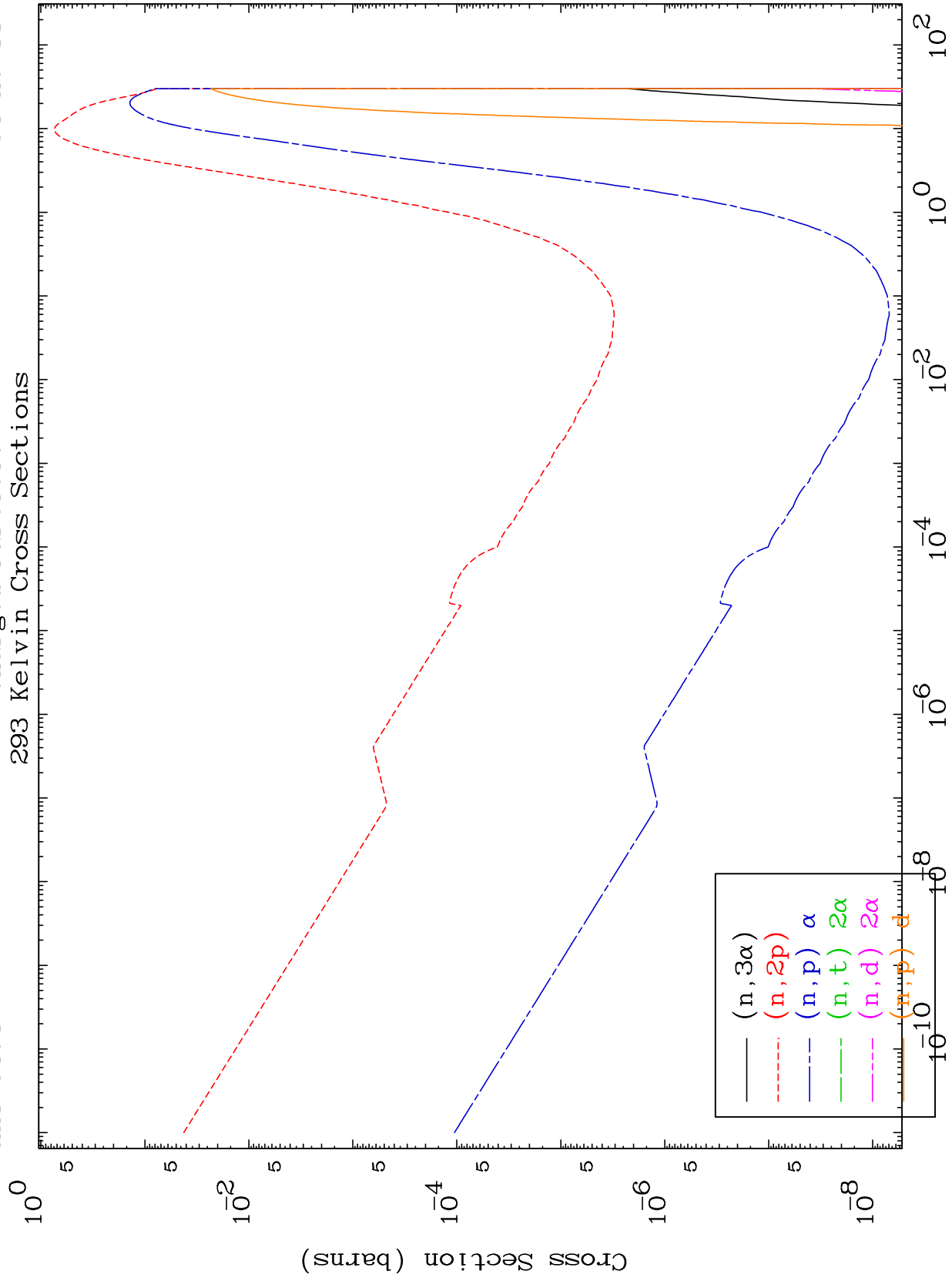
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MAT 5404

293 Kelvin Cross Sections

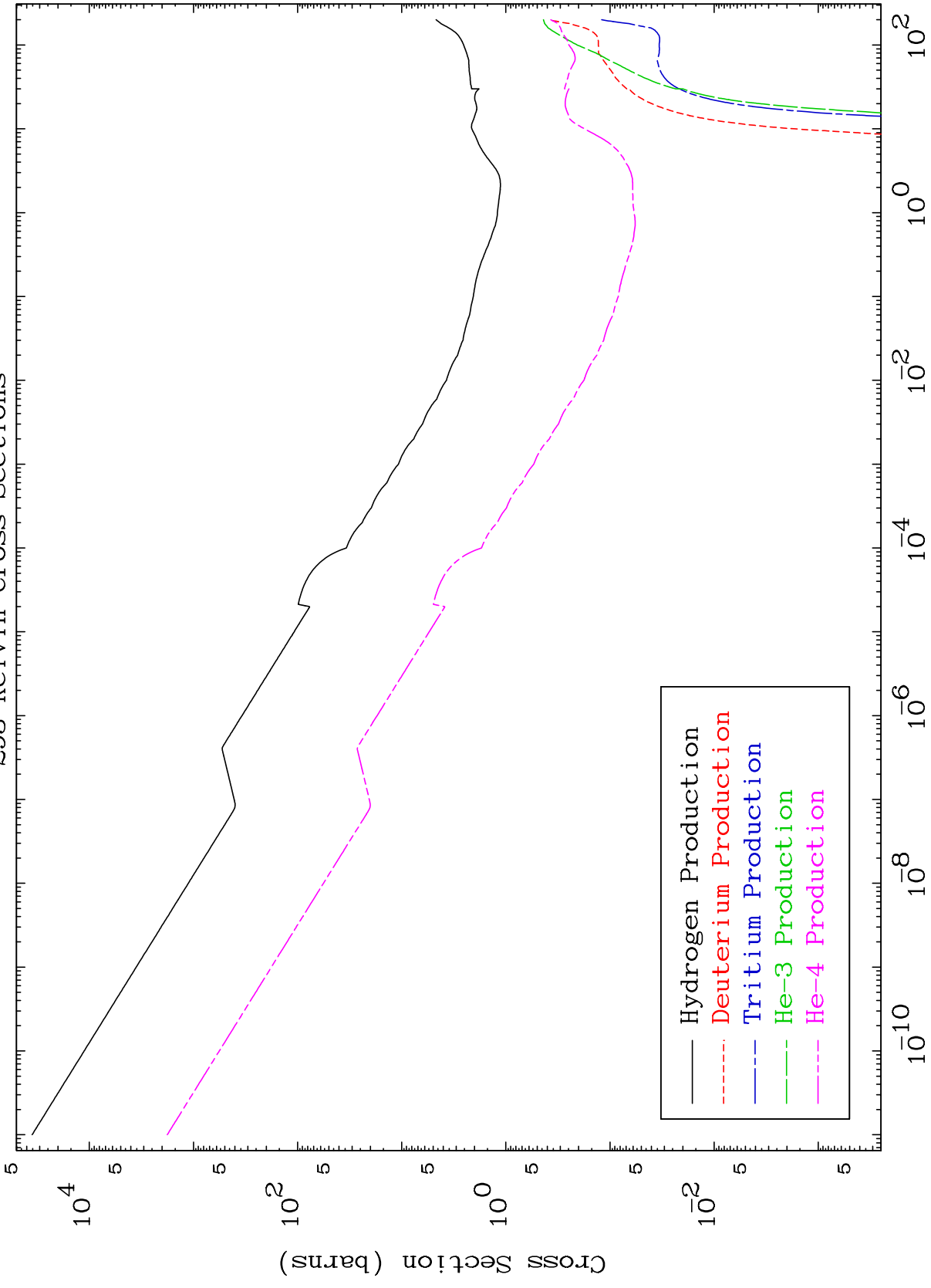
54-Xe-117



MAT 5404

Particle Production  
293 Kelvin Cross Sections

54-Xe-117

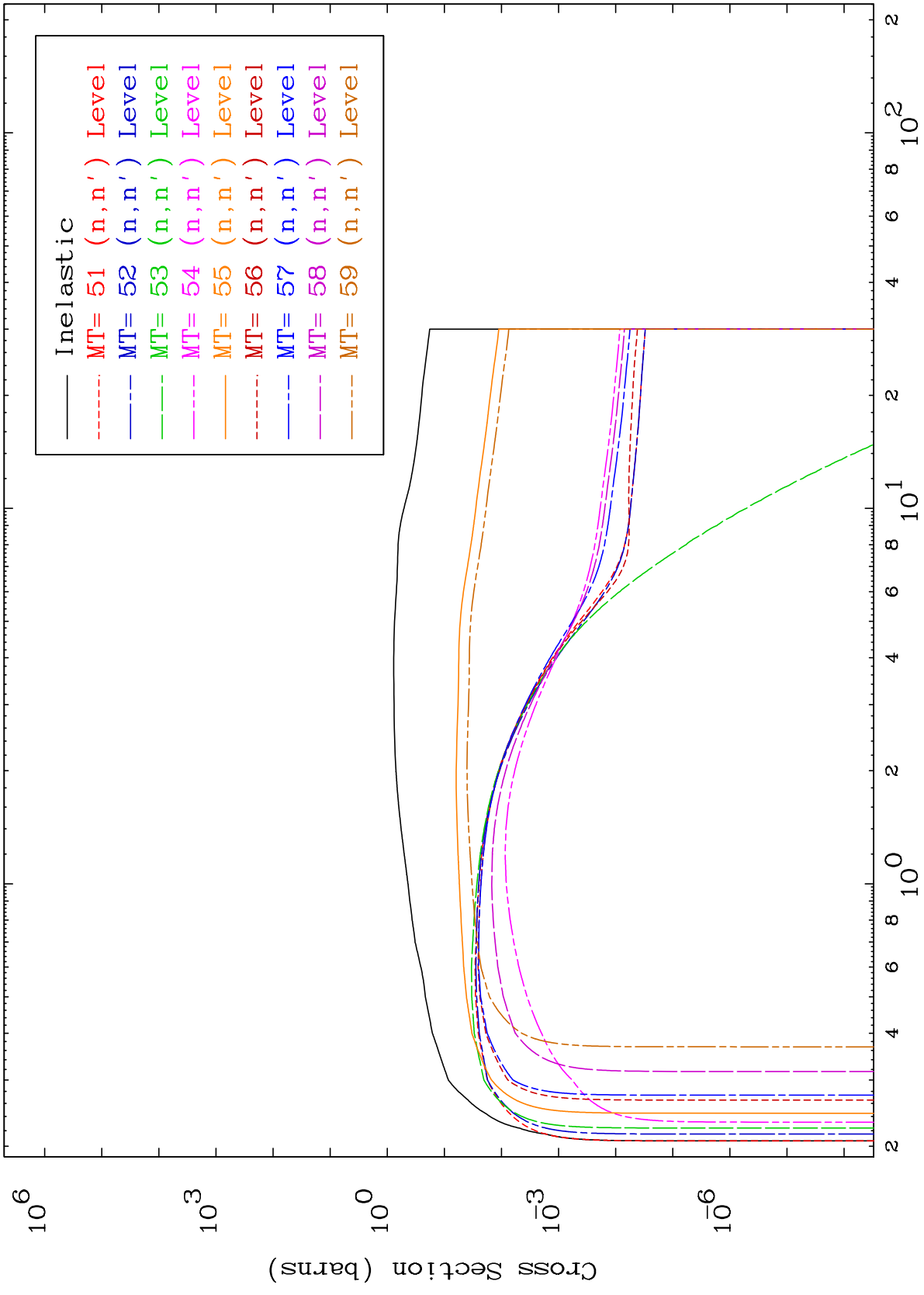


54-Xe-117

MAT 5404

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-117



8

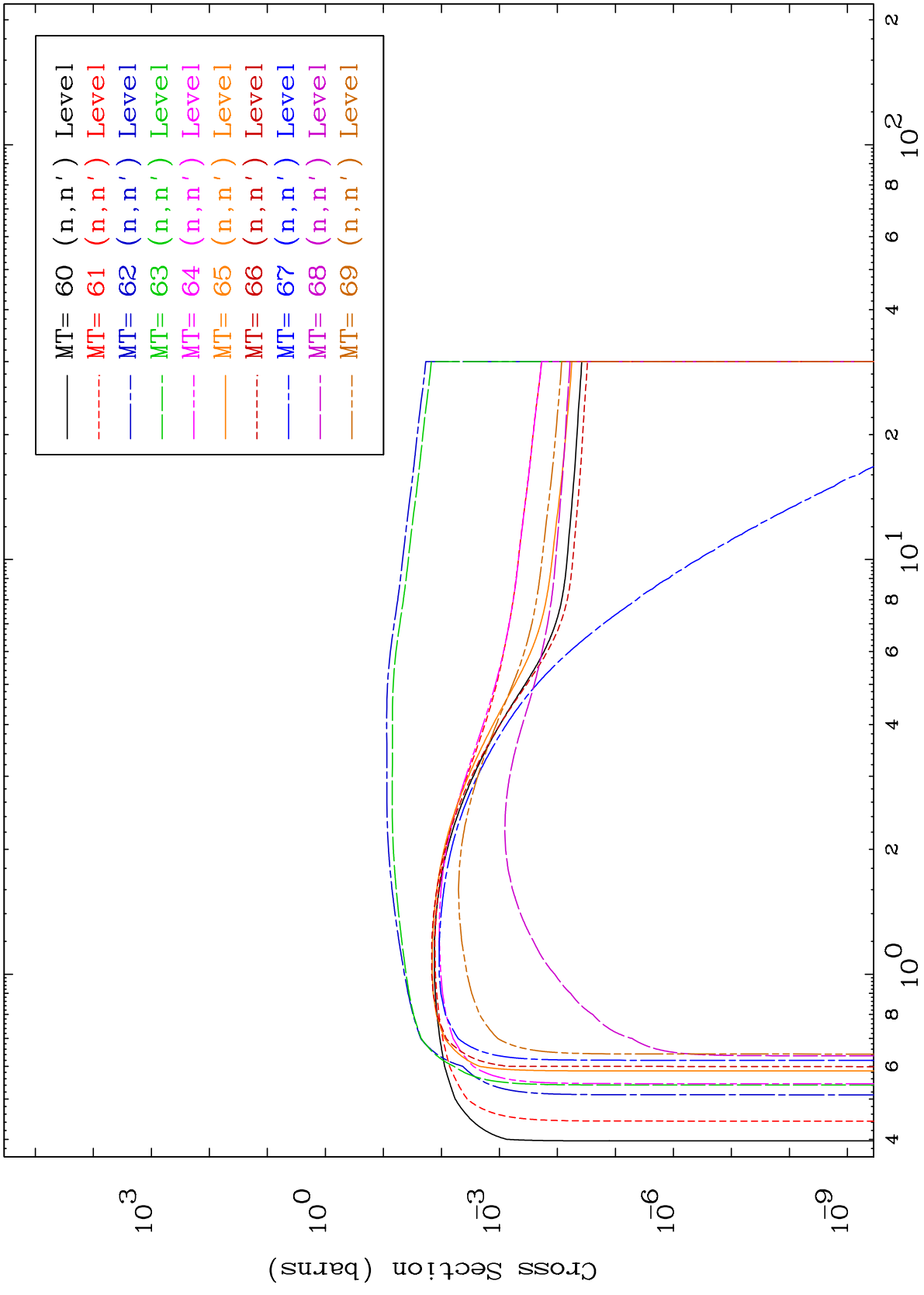
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-117



9

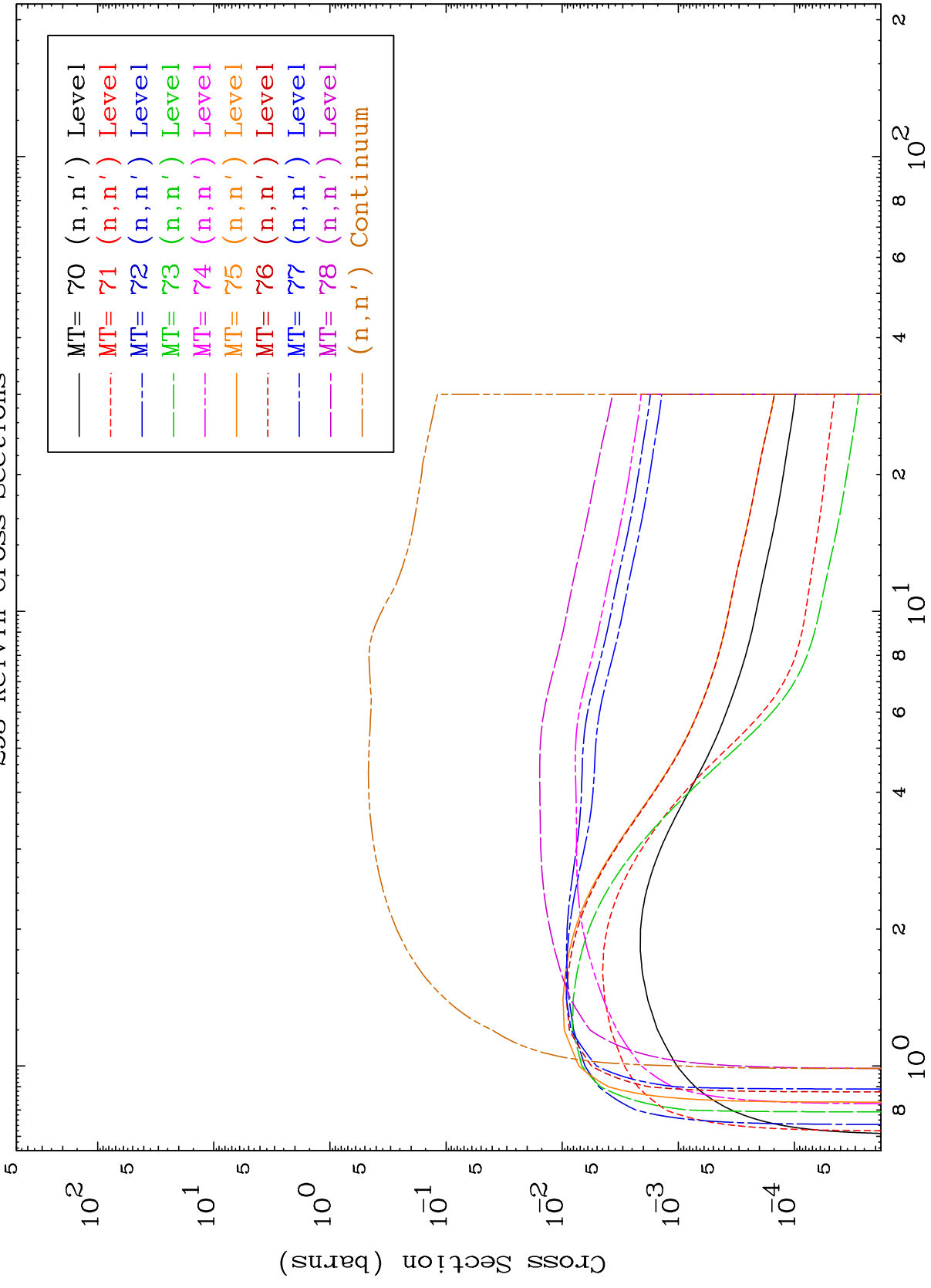
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-117



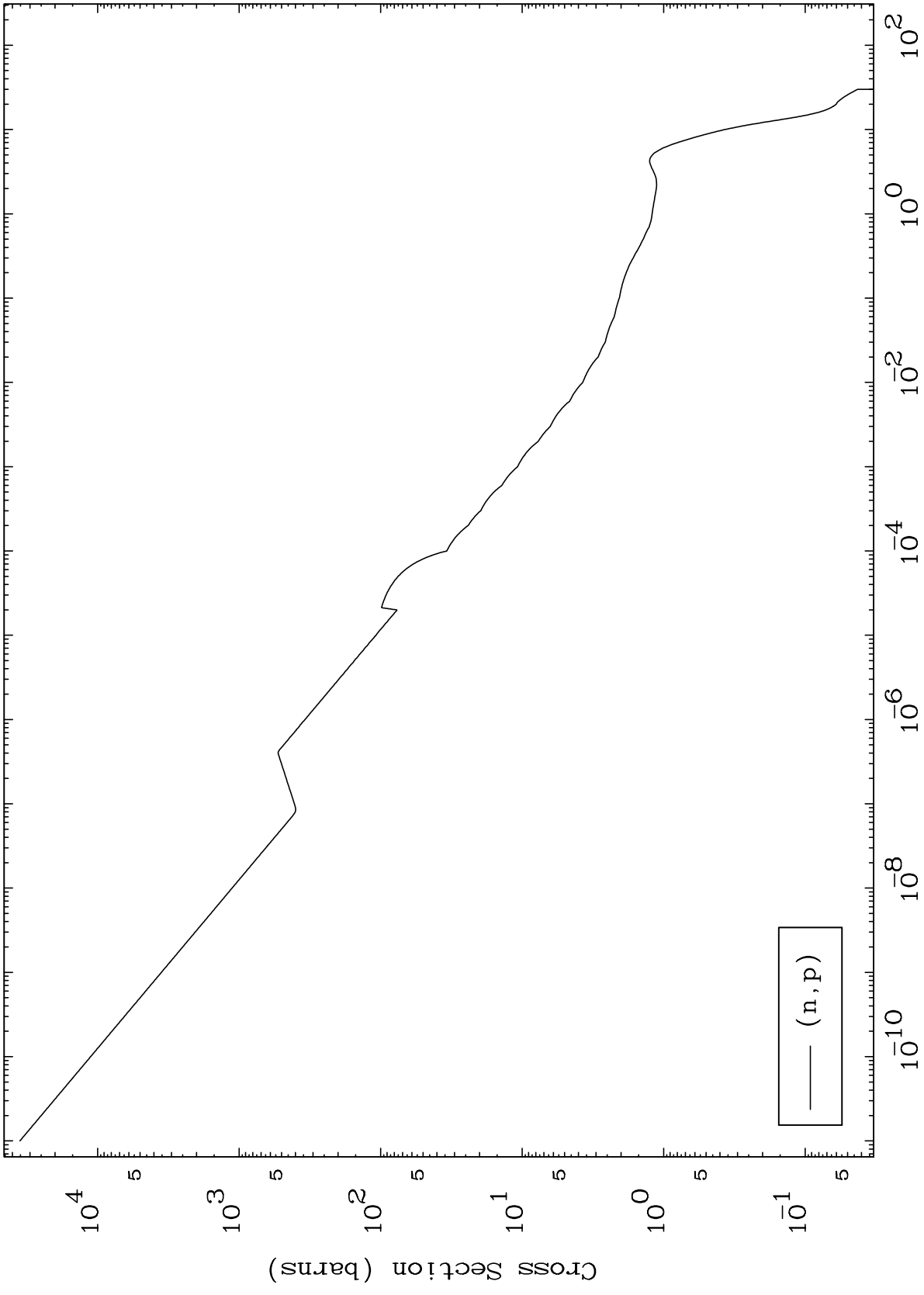
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-117



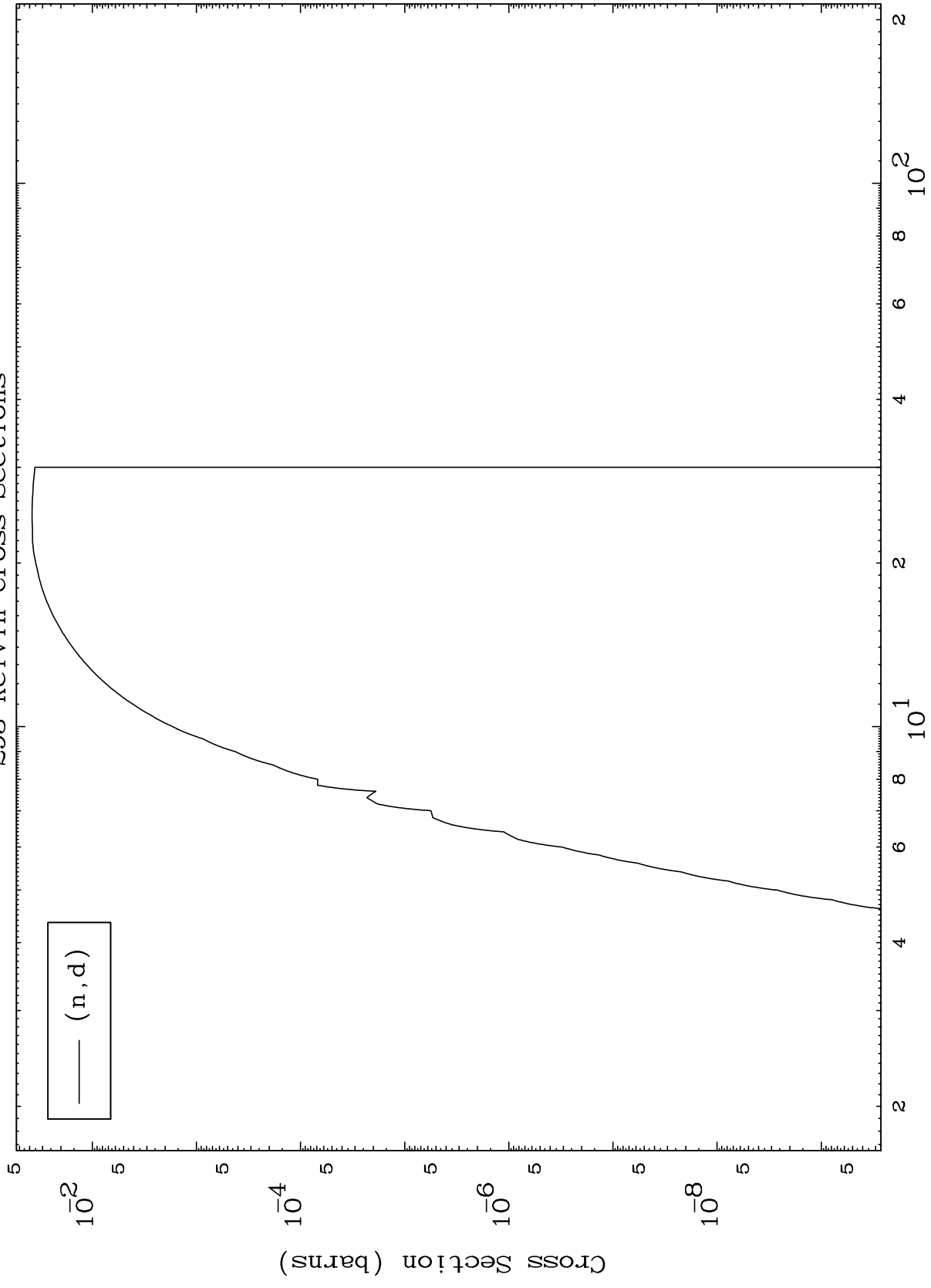
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54-Xe-117

MAT 5404

(n,d) Levels  
293 Kelvin Cross Sections

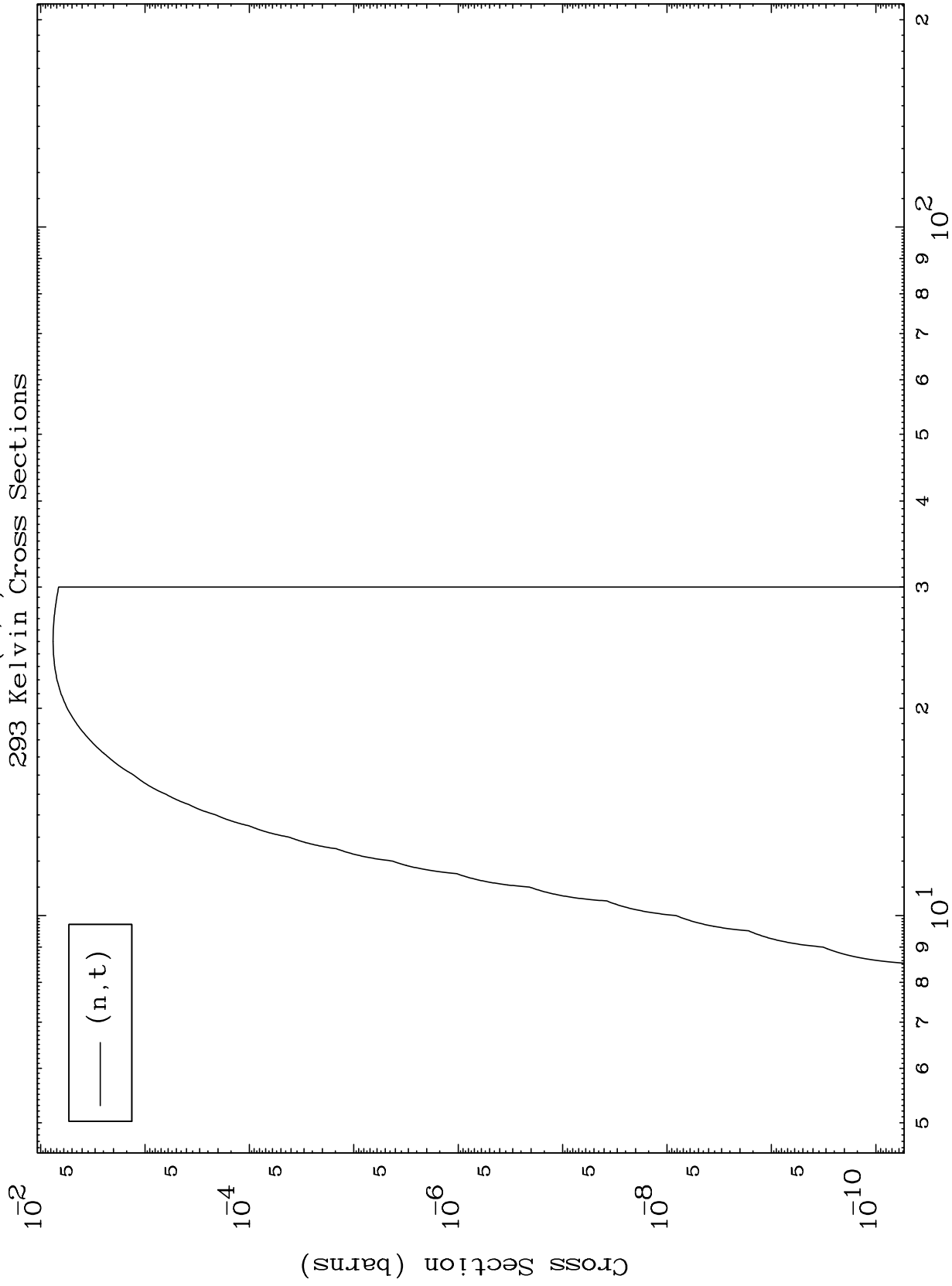
54-Xe-117



MAT 5404

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-117



13

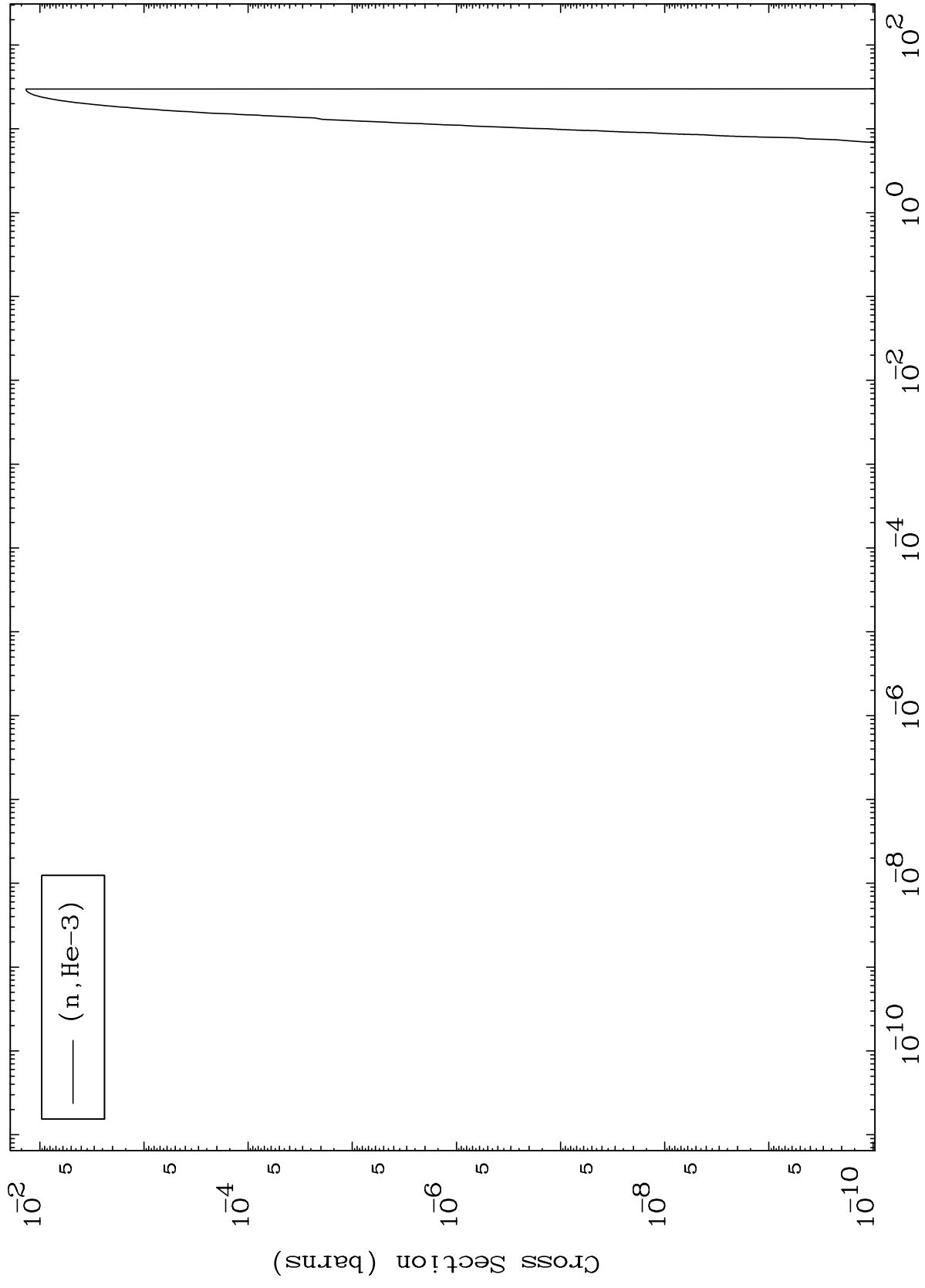
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,He3) Levels  
293 Kelvin Cross Sections

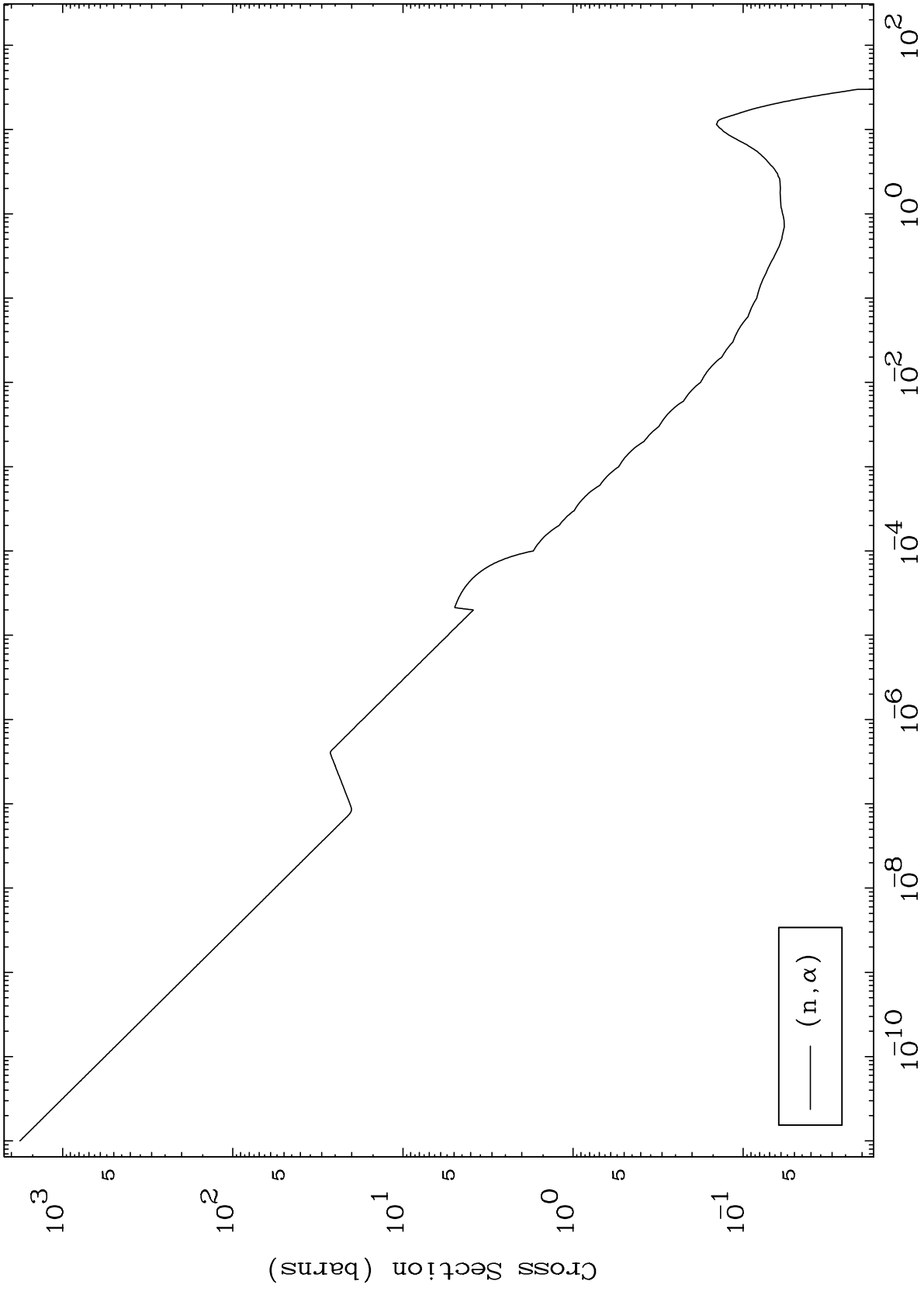
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MAT 5404

(n,α) Levels  
293 Kelvin Cross Sections

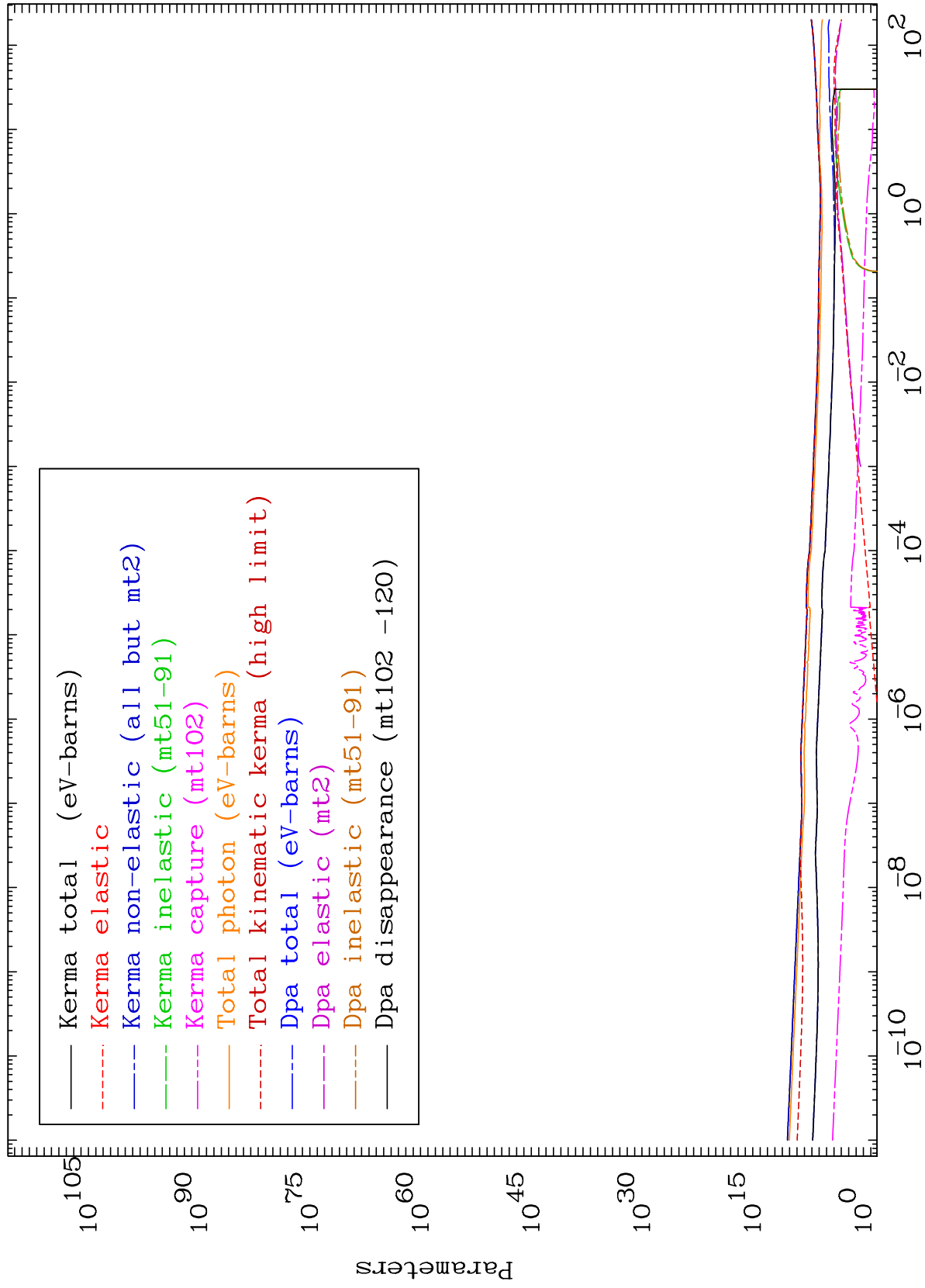
54-Xe-117



15

Incident Energy (MeV)

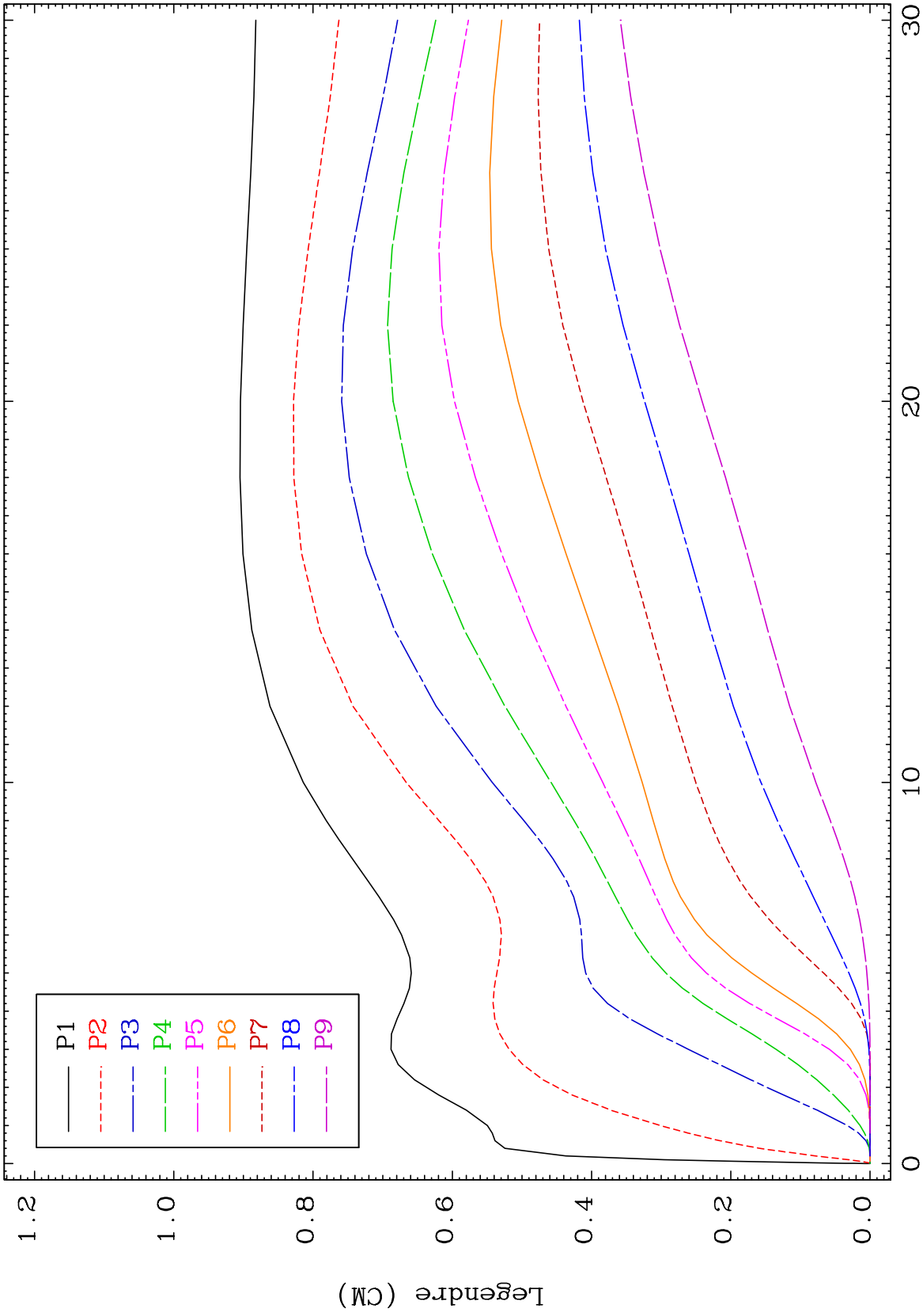
54-Xe-117



MAT 5404

Elastic Legendre Coefficients

54-Xe-117



17

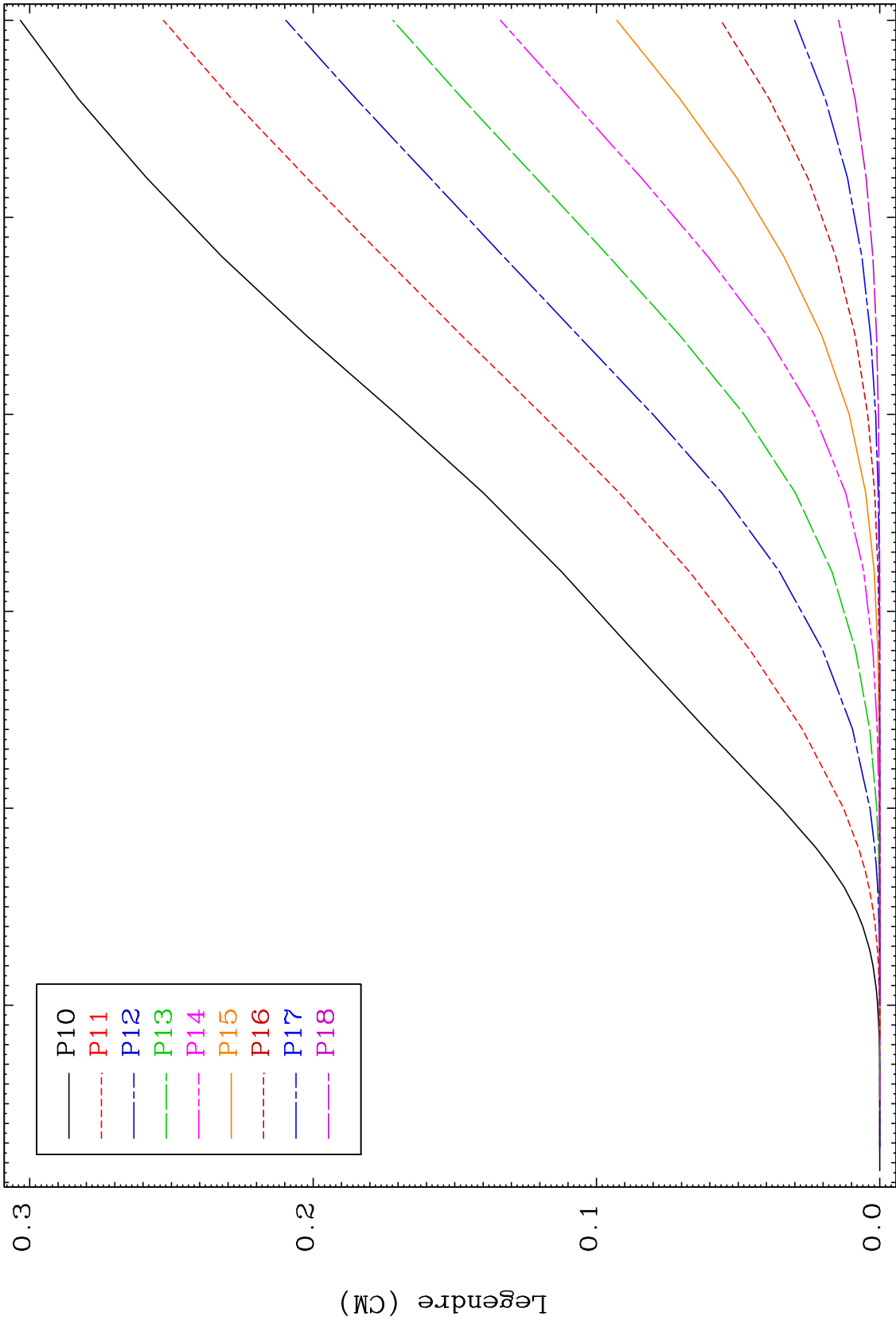
Incident Energy (MeV)

54-Xe-117

MAT 5404

Elastic Legendre Coefficients

54-Xe-117



18

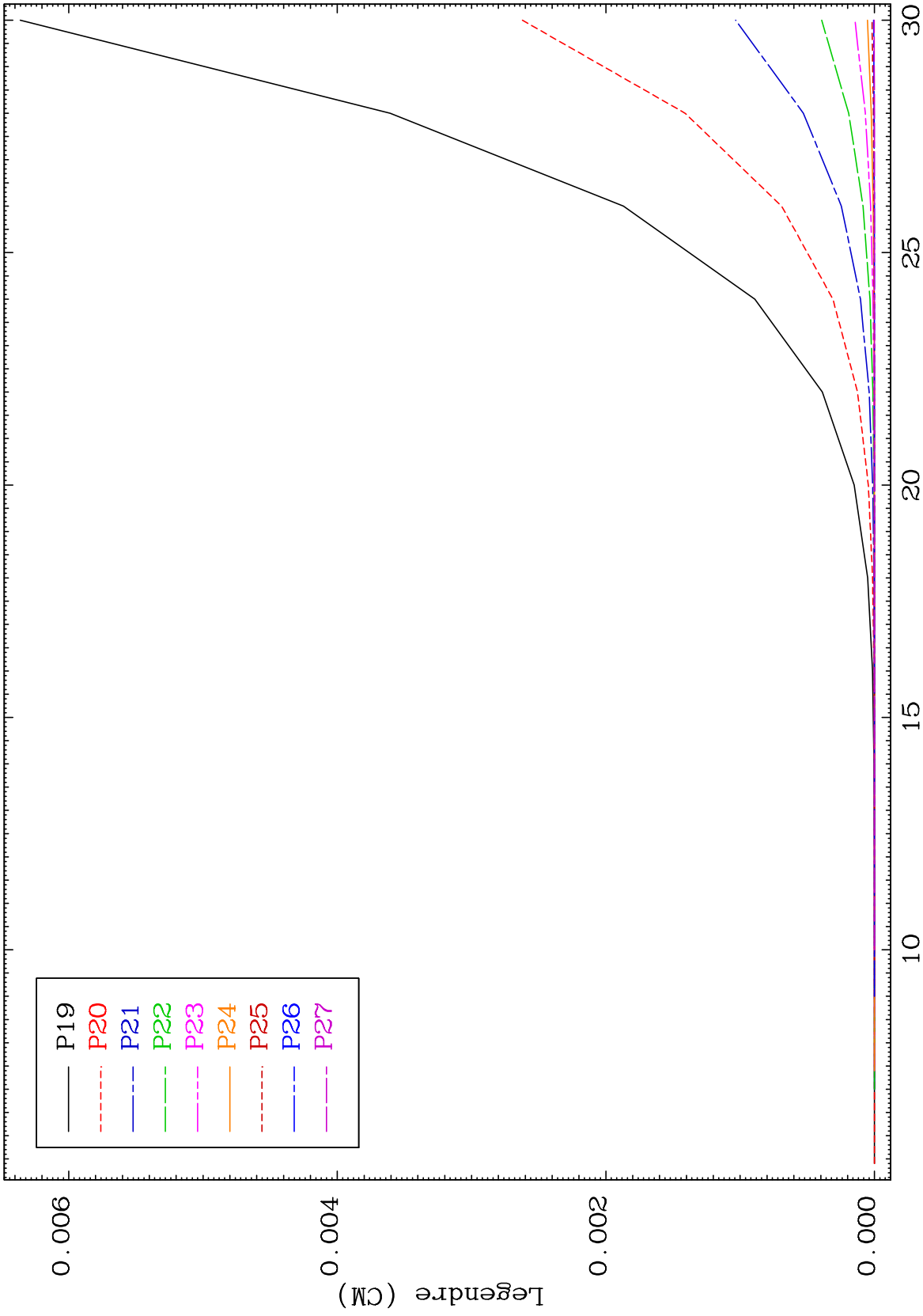
Incident Energy (MeV)

54-Xe-117

MAT 5404

### Elastic Legendre Coefficients

54-Xe-117



19

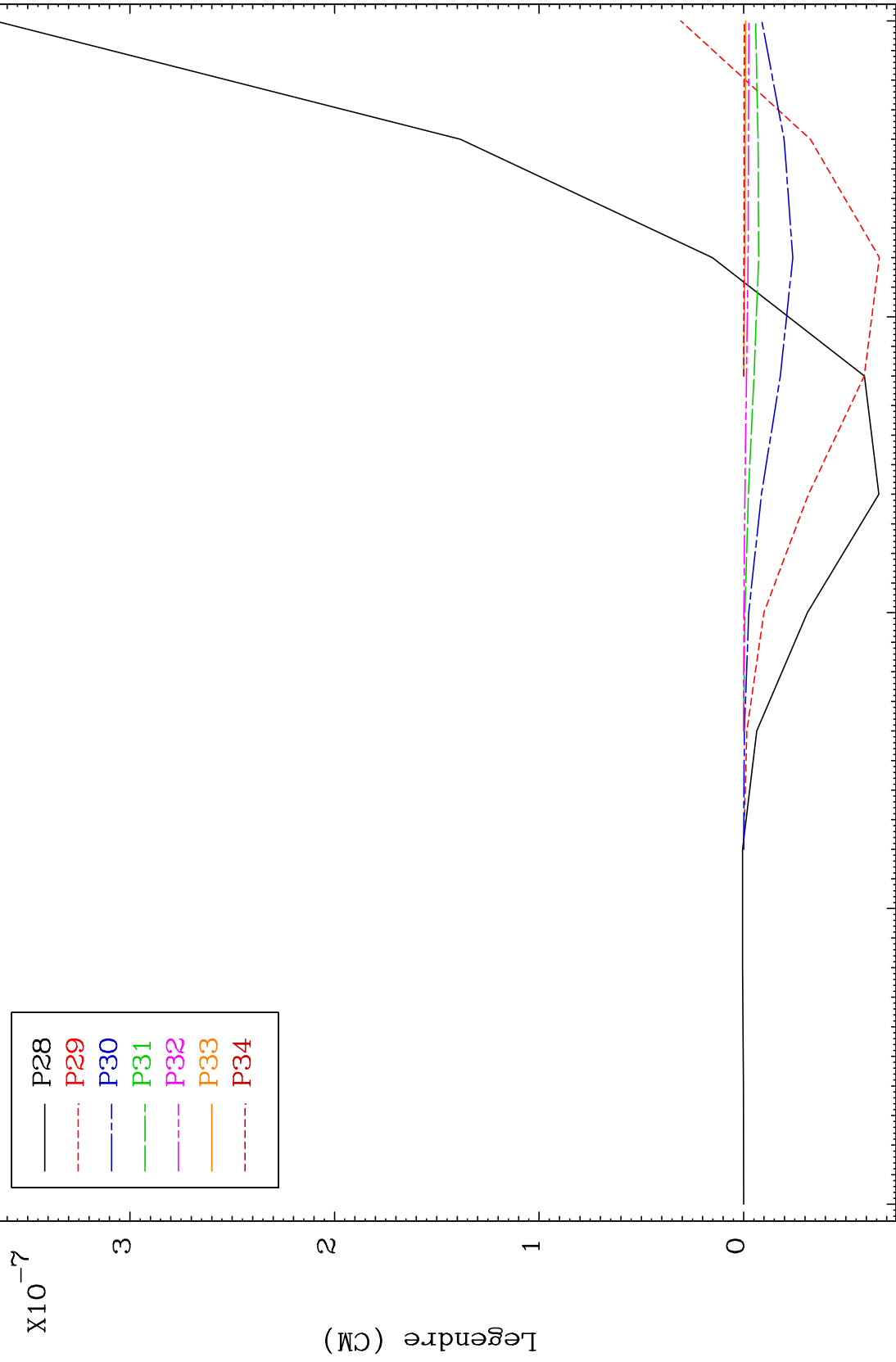
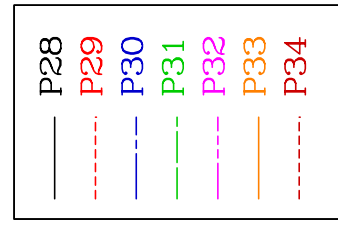
Incident Energy (MeV)

54-Xe-117

MAT 5404

Elastic Legendre Coefficients

54-Xe-117



20

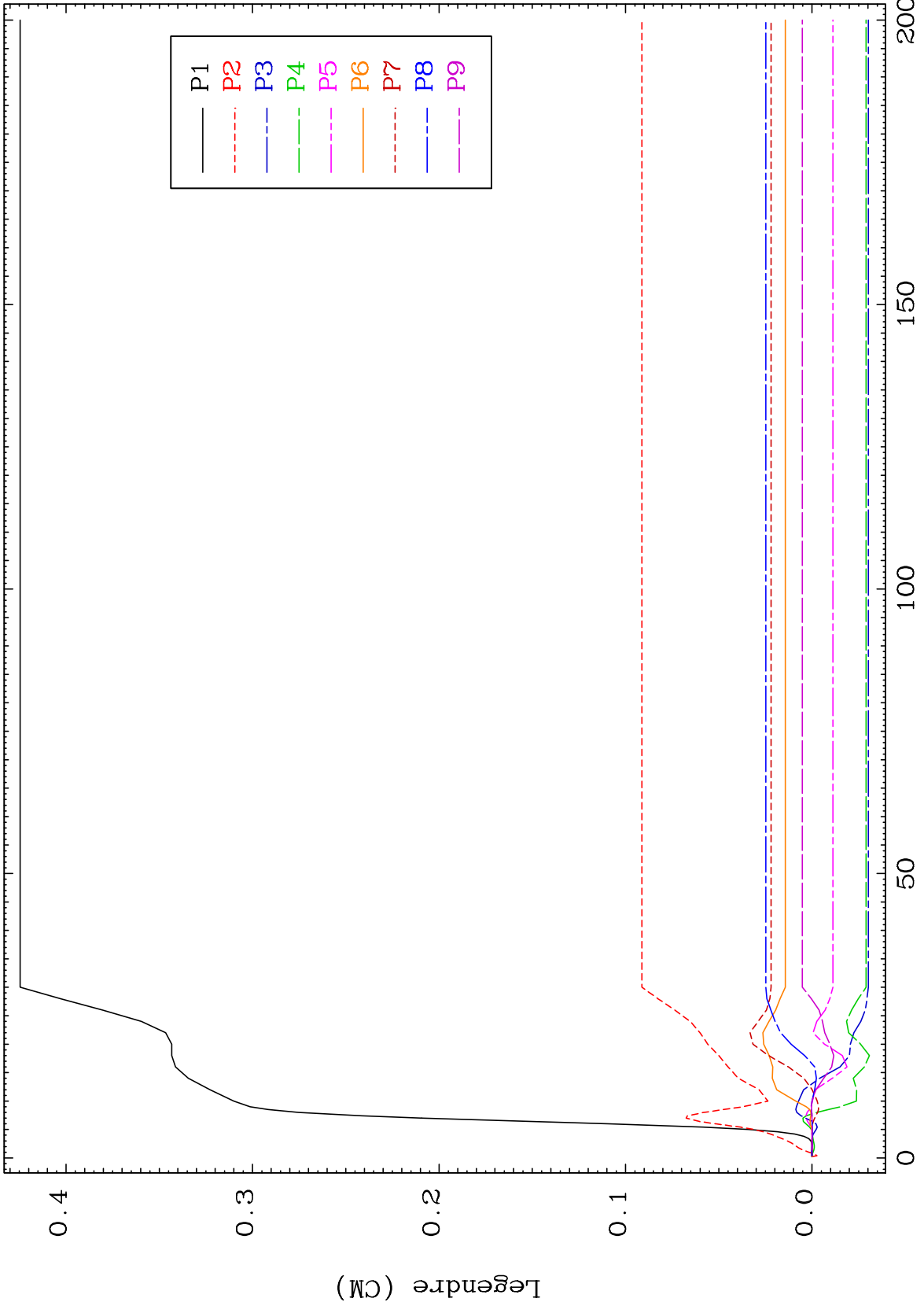
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



21

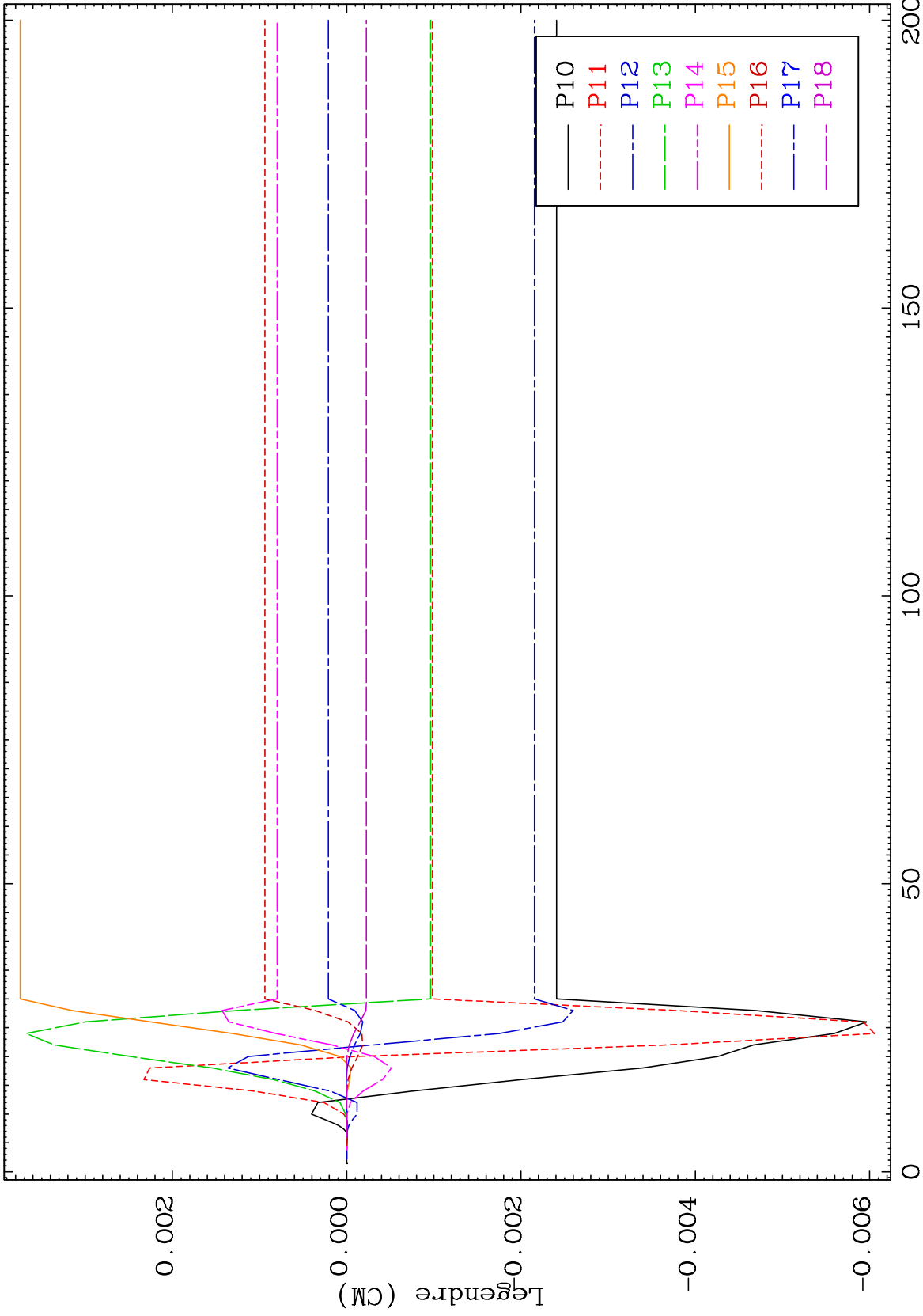
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



22

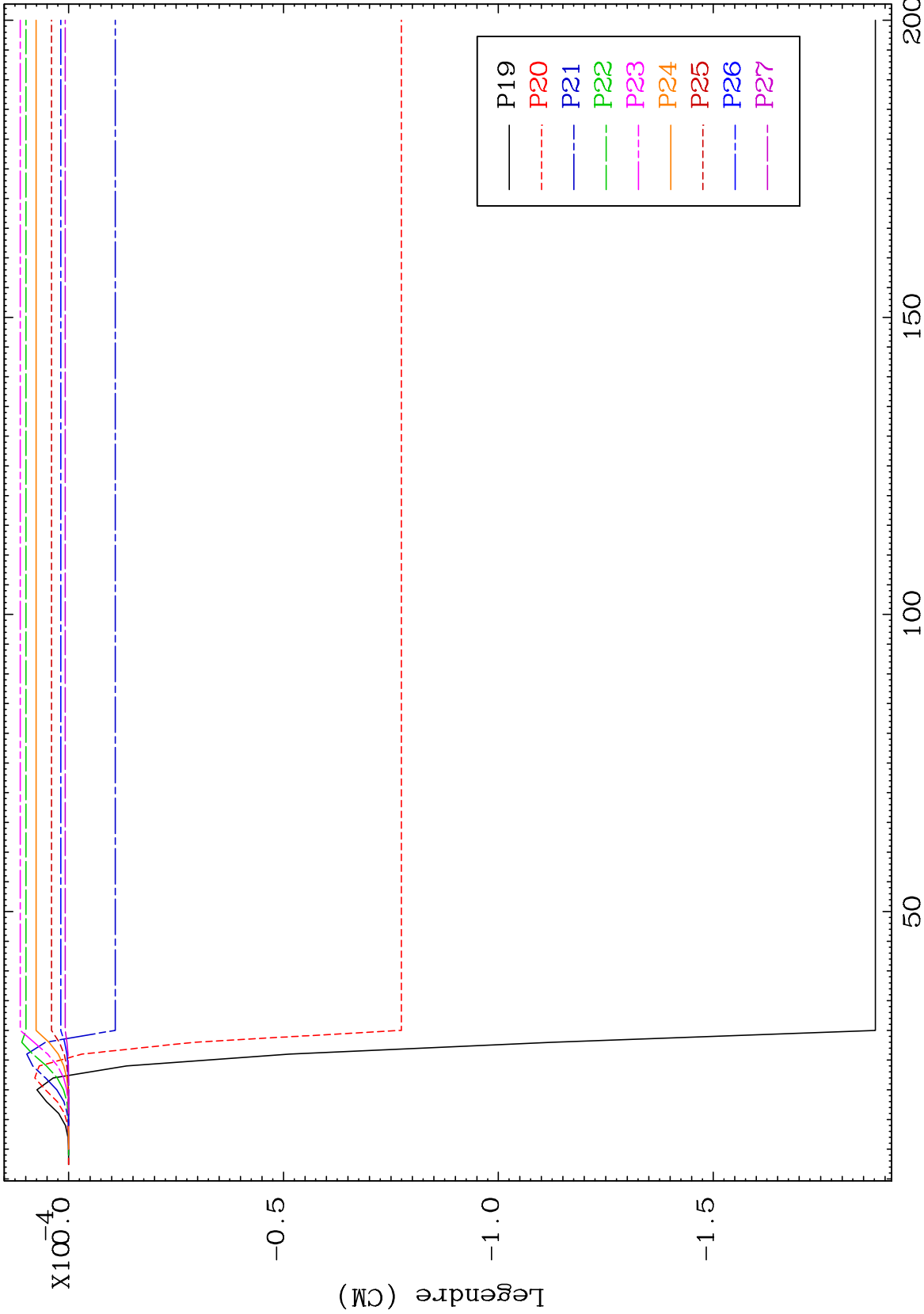
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

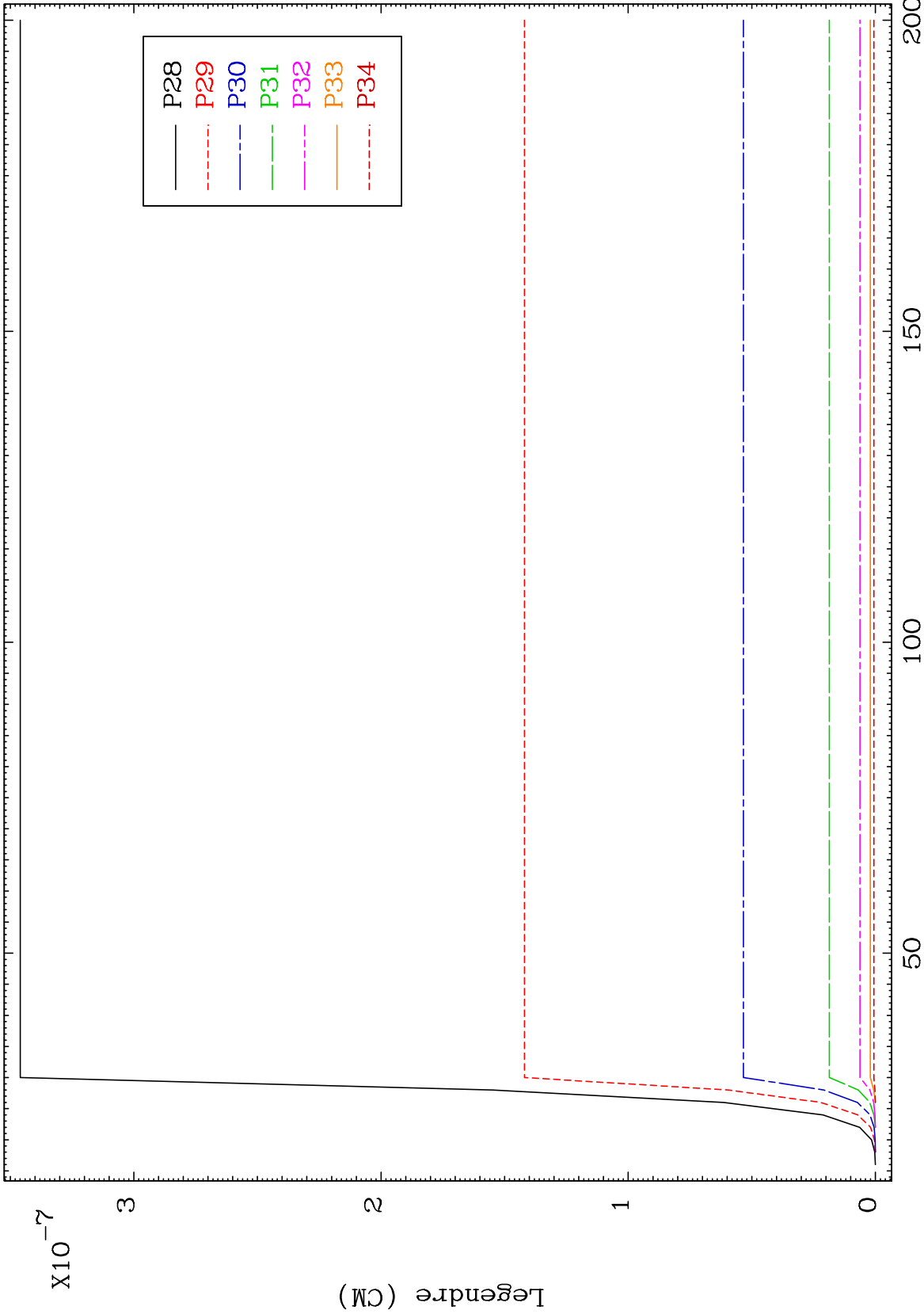
Incident Energy (MeV)

23

MAT 5404

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

54-Xe-117



24

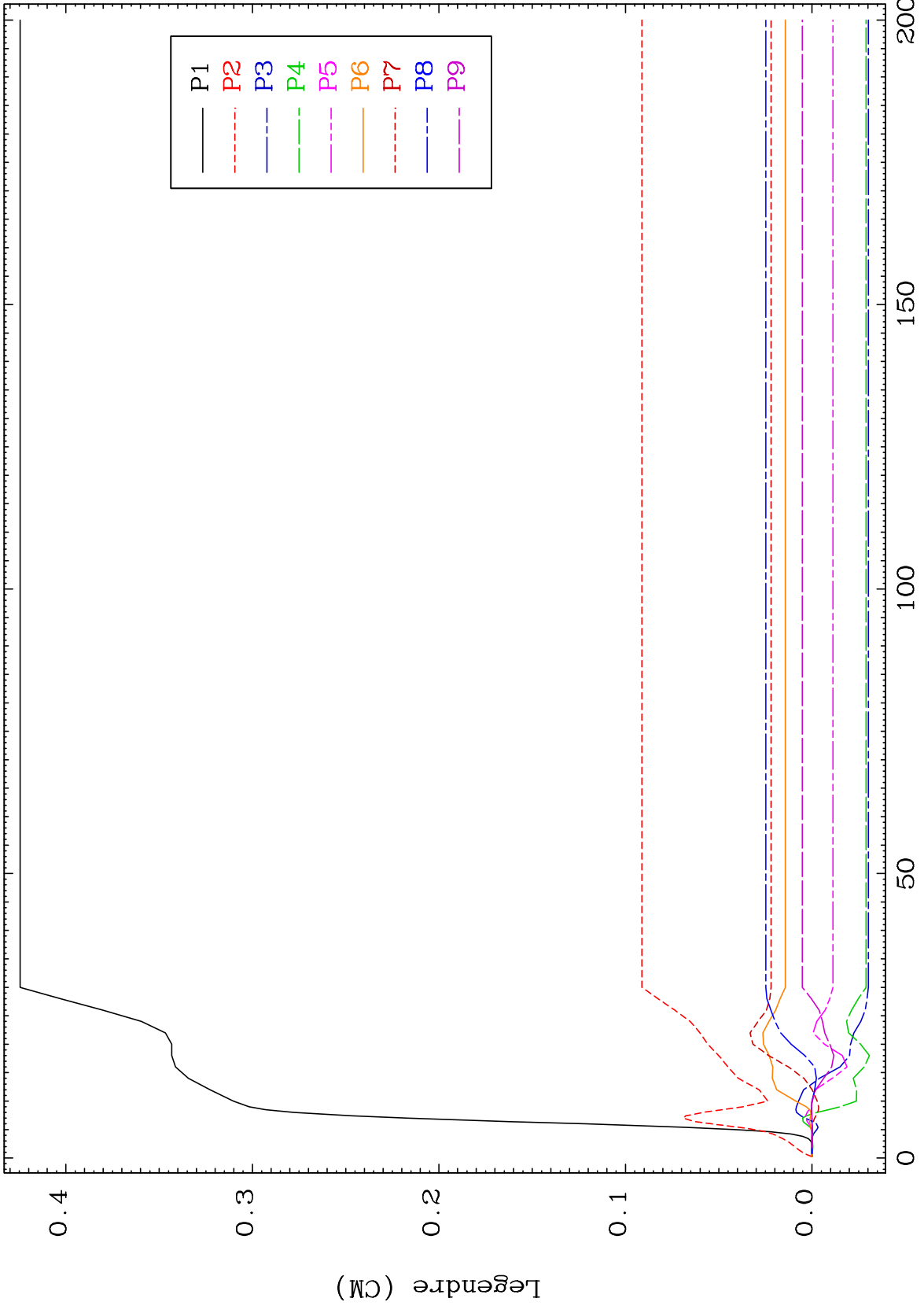
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



25

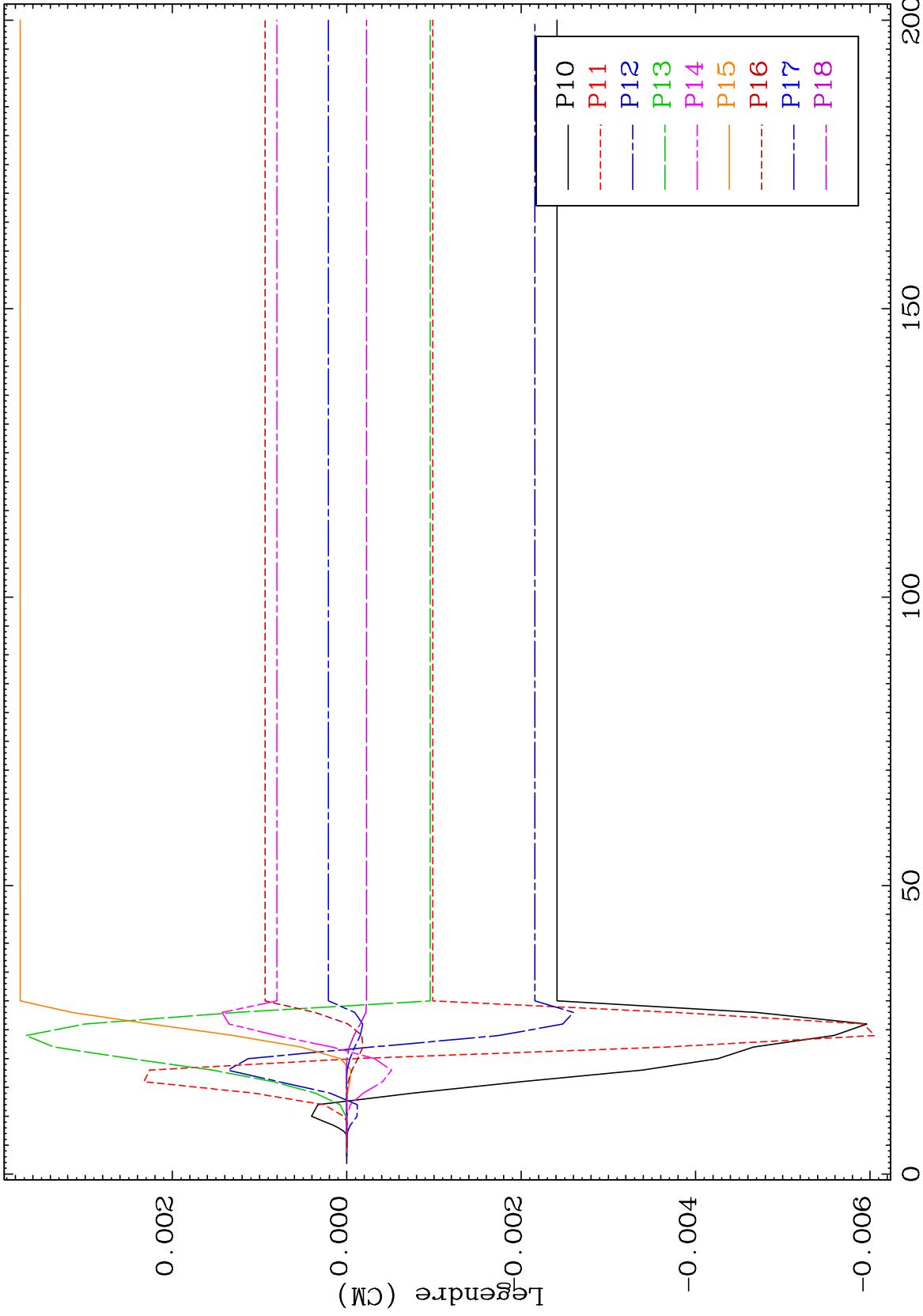
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



26

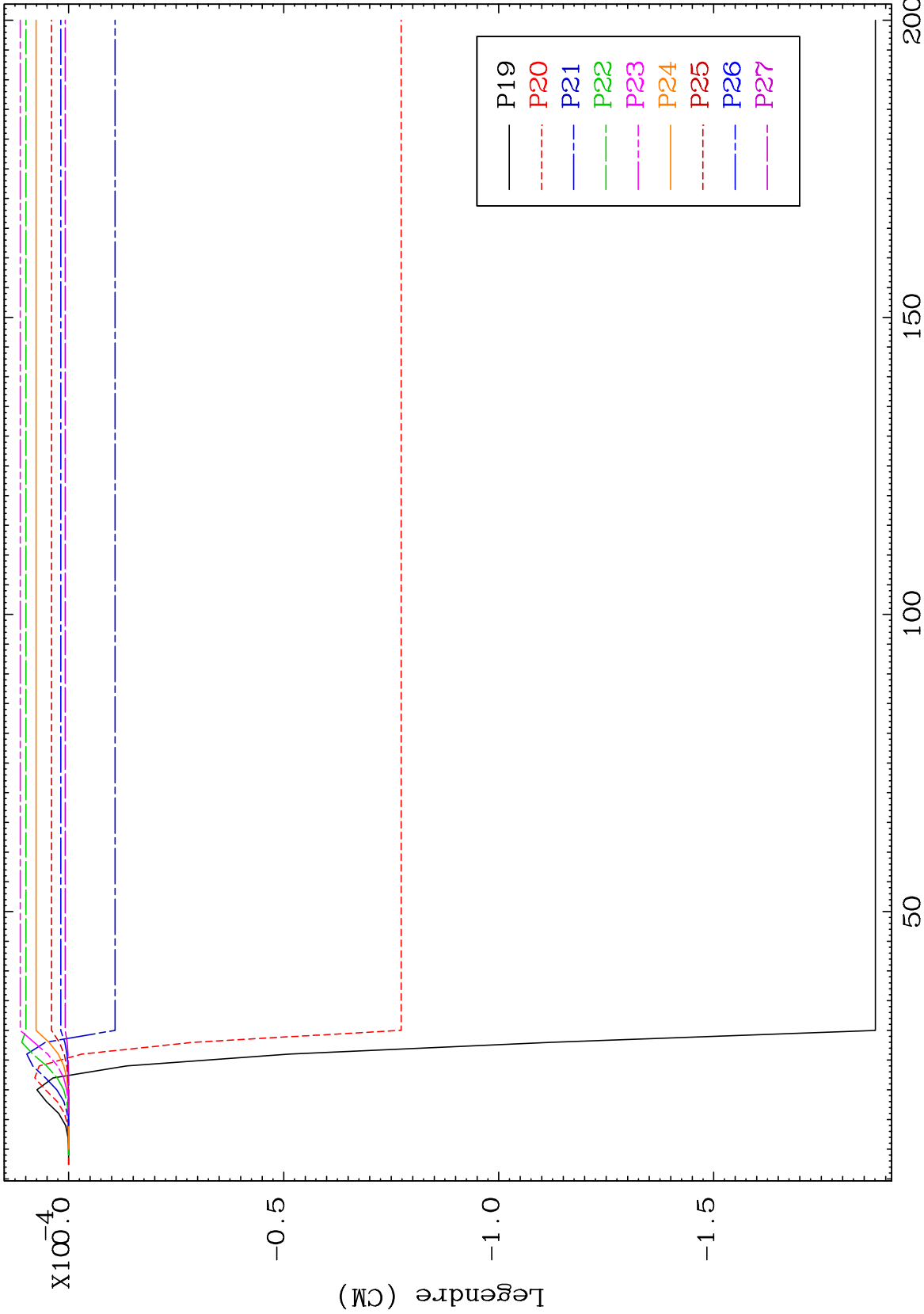
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



27

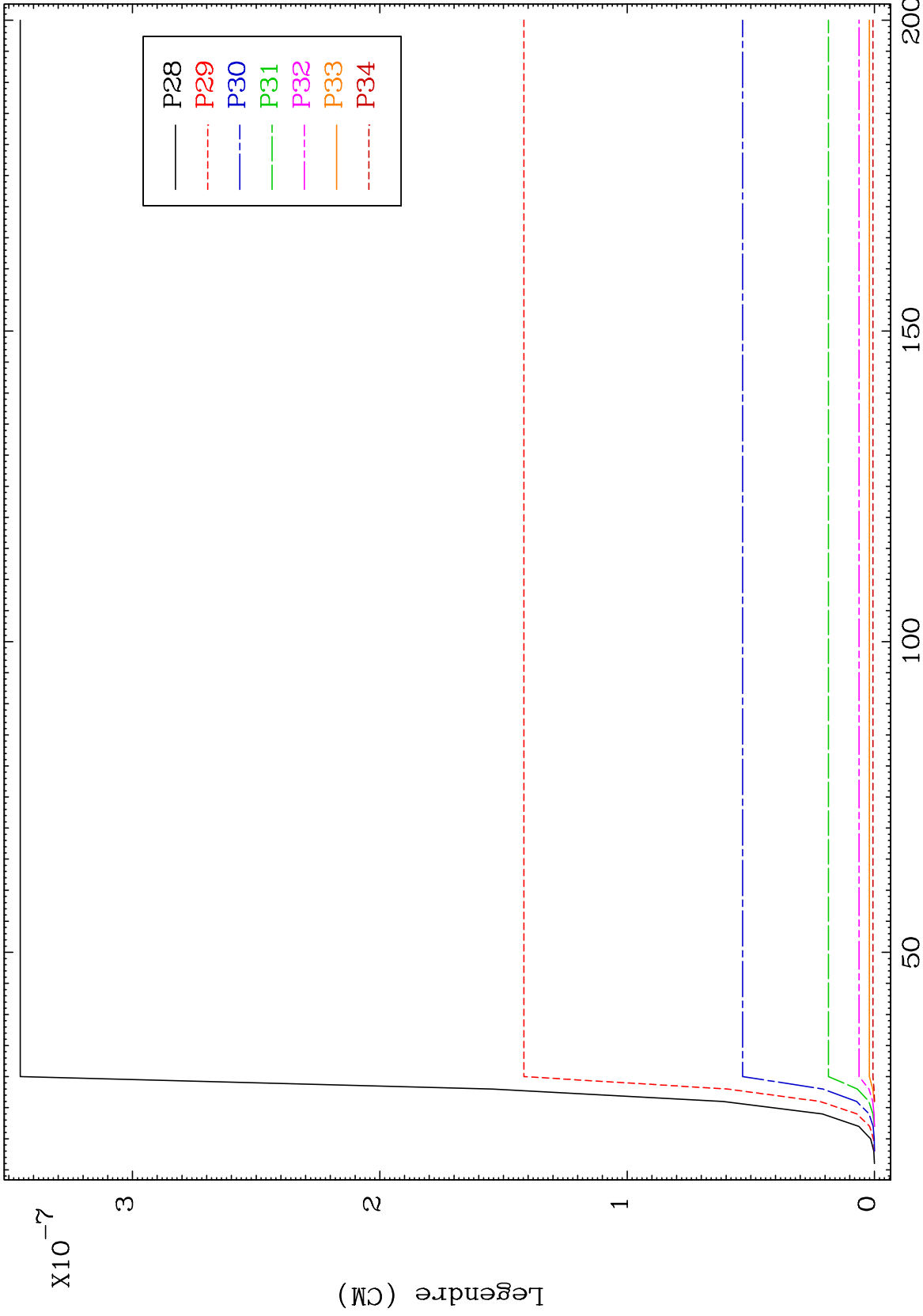
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



28

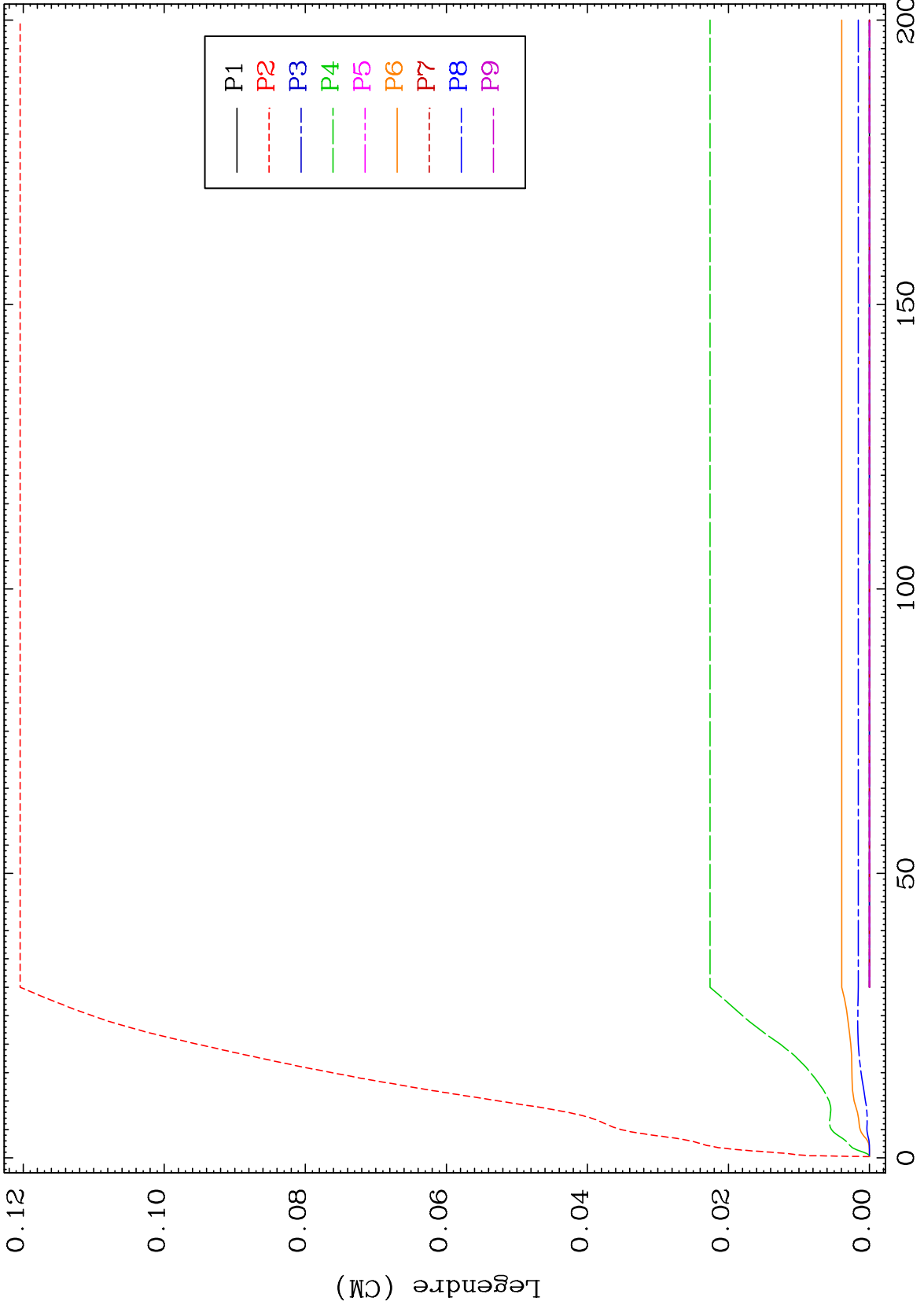
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



29

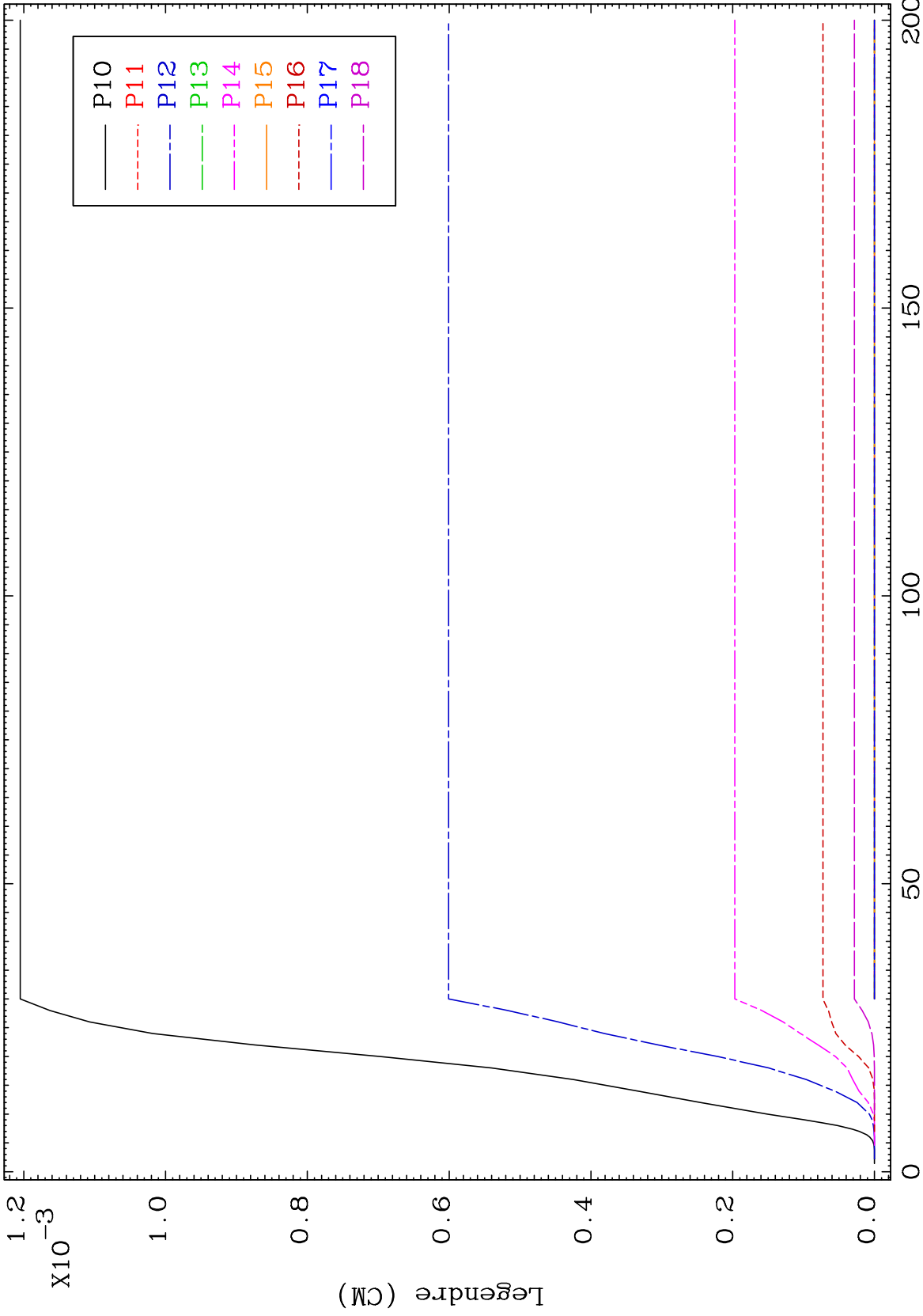
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



30

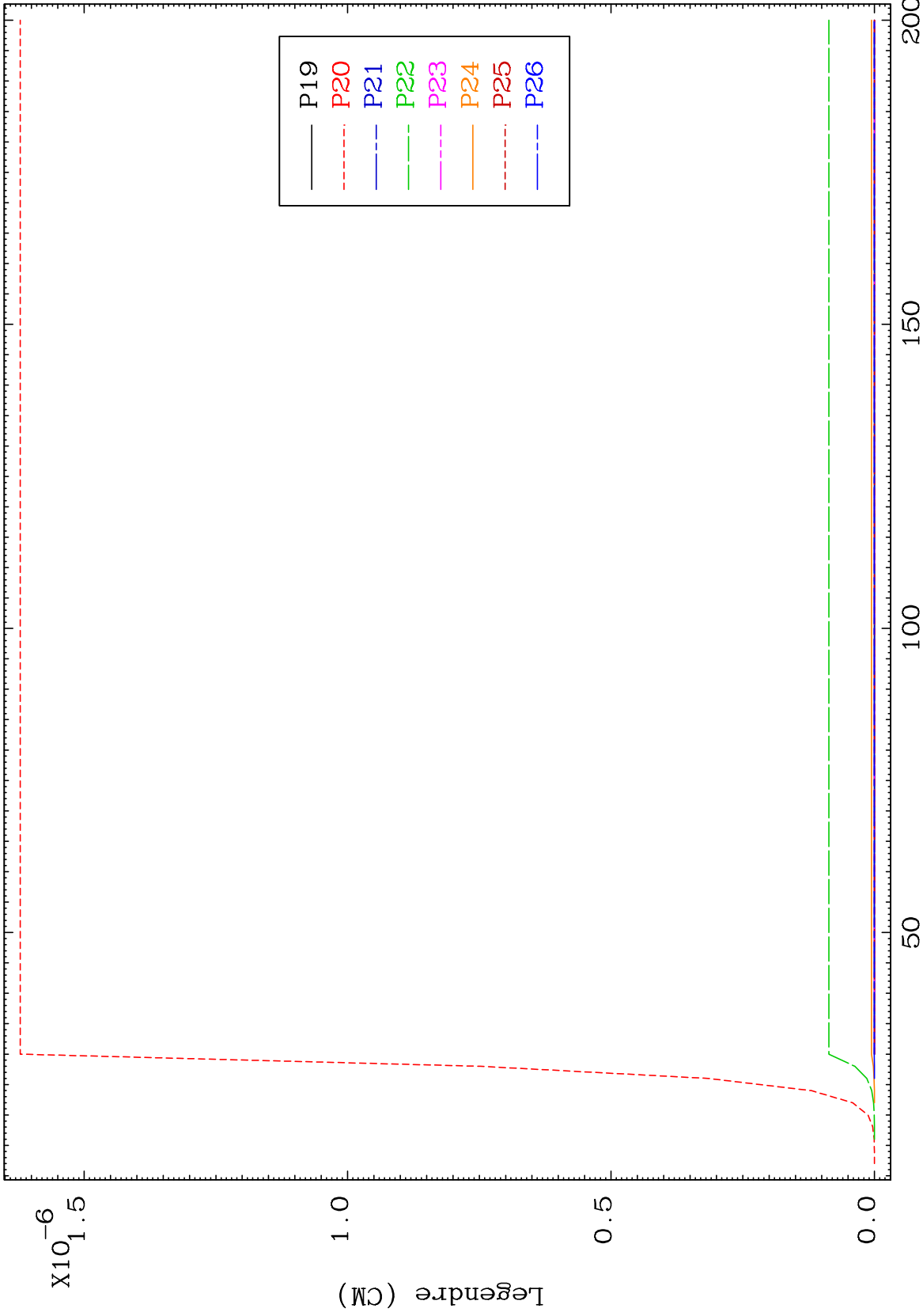
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



31

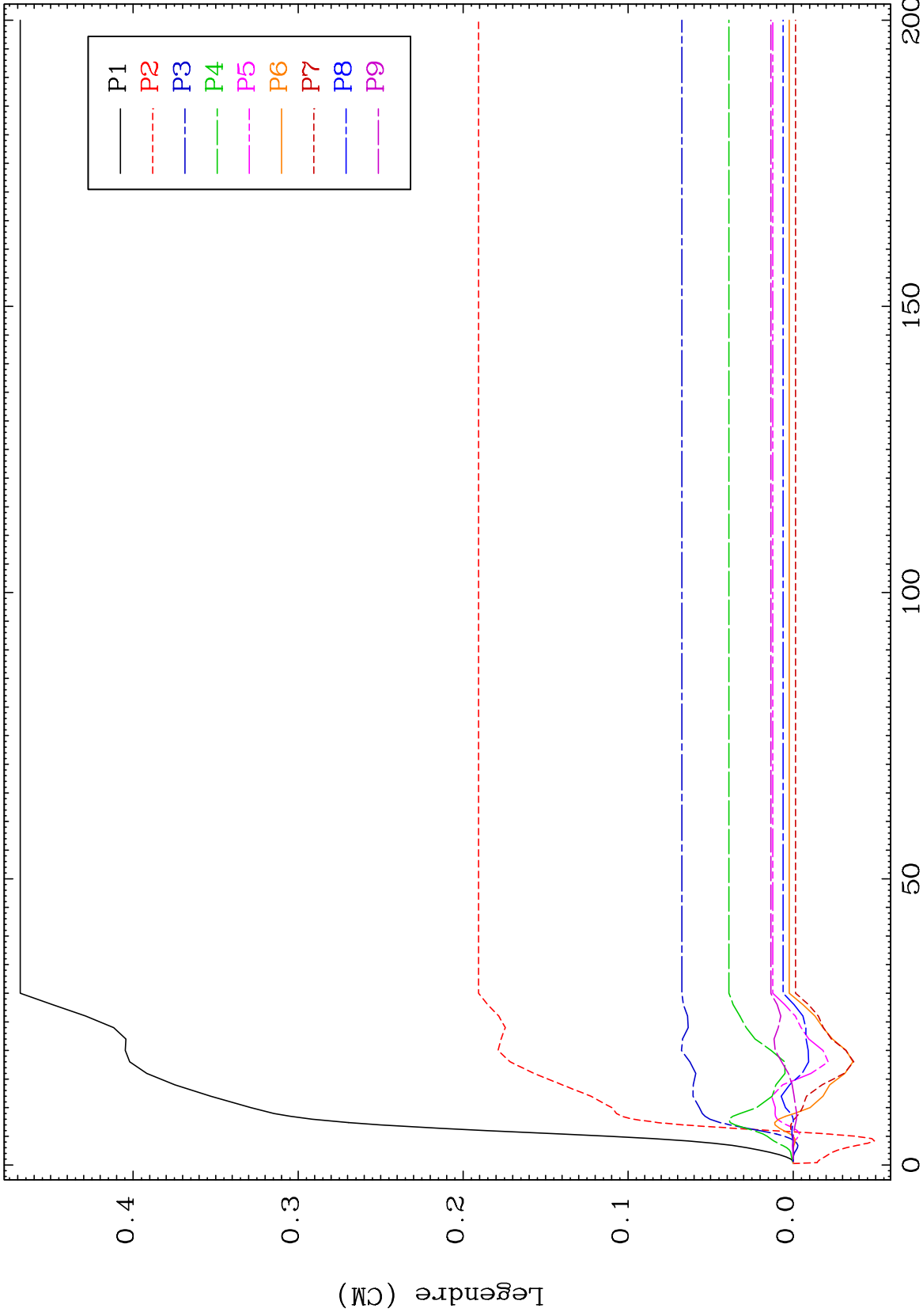
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



32

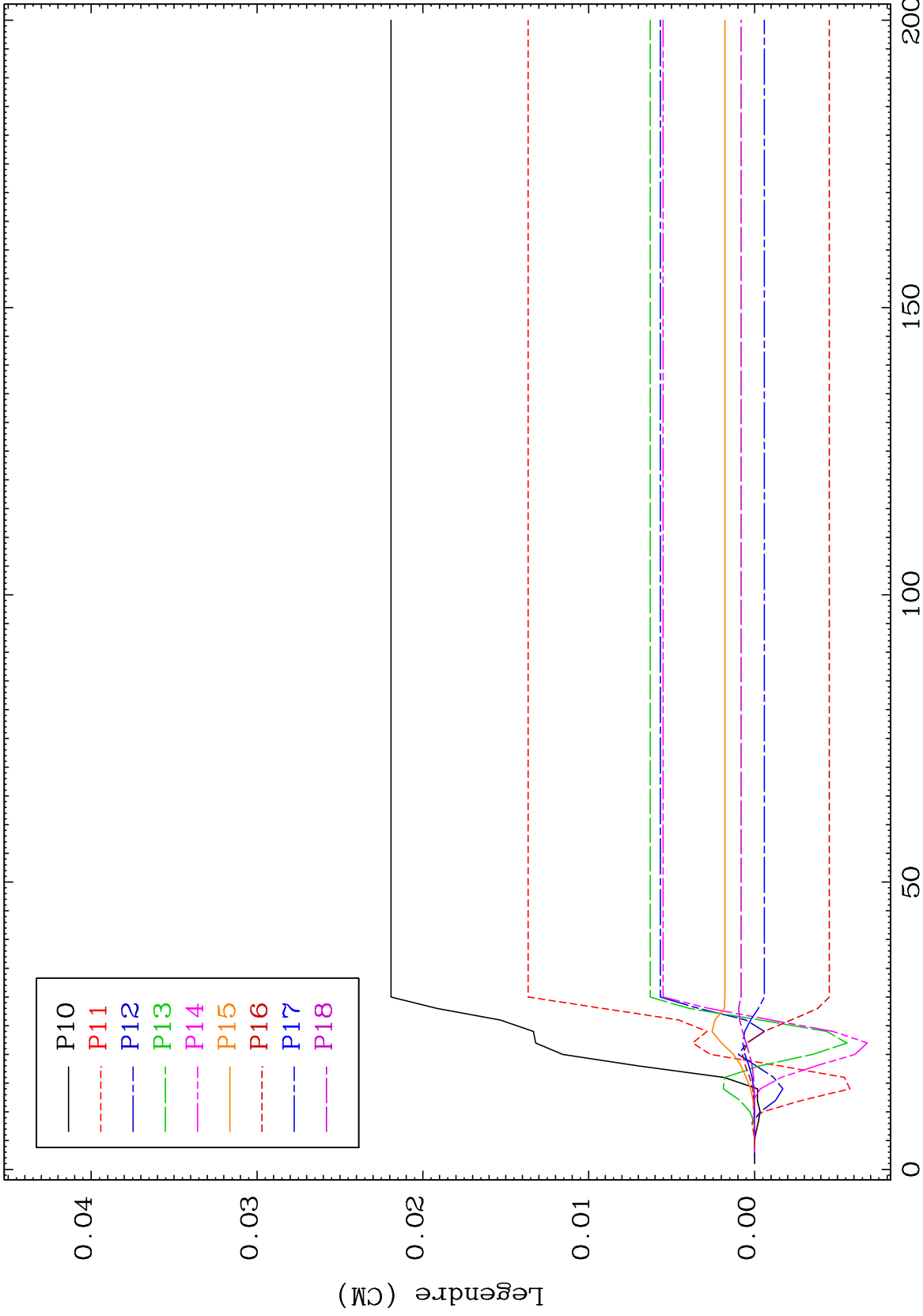
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



33

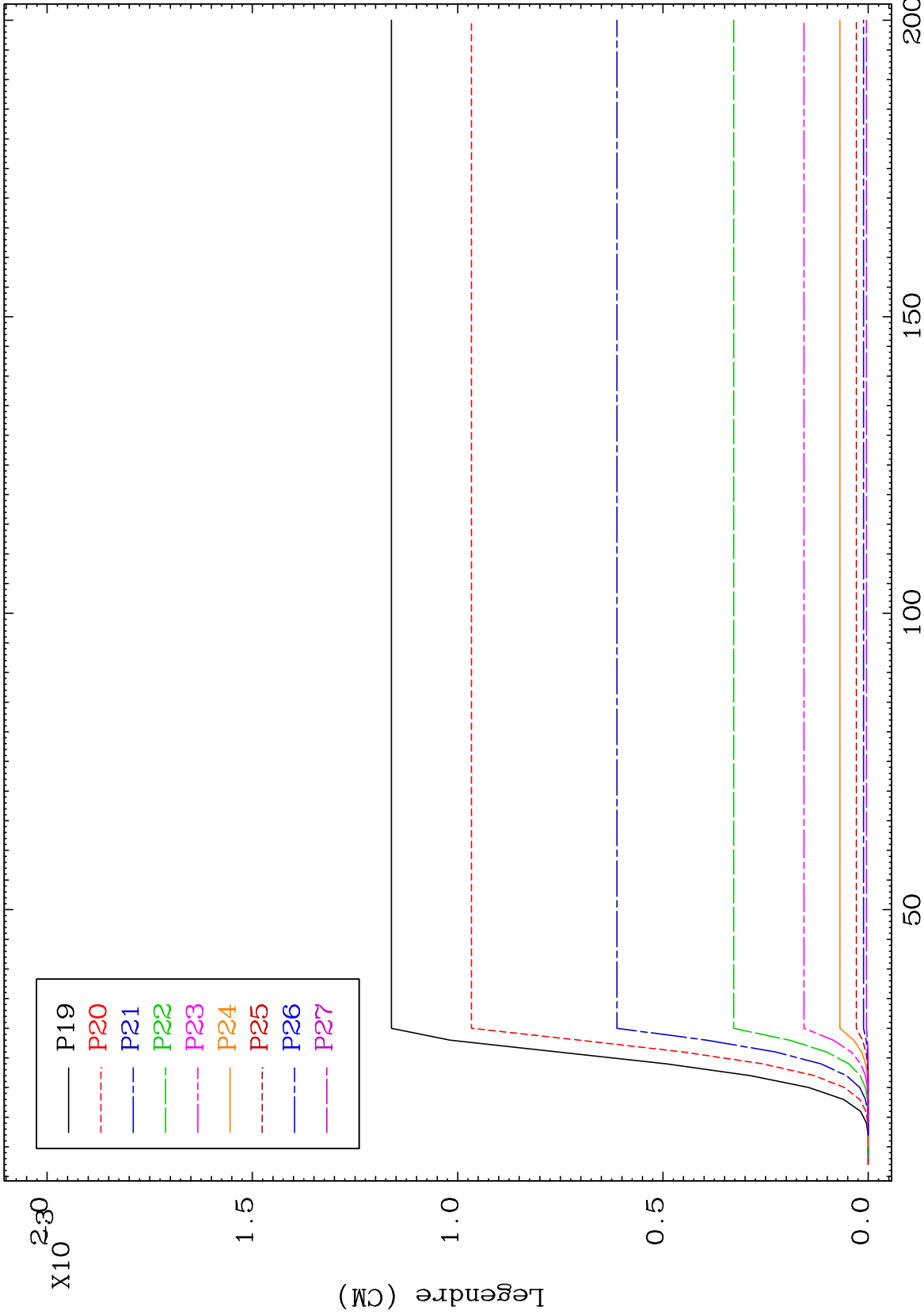
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



34

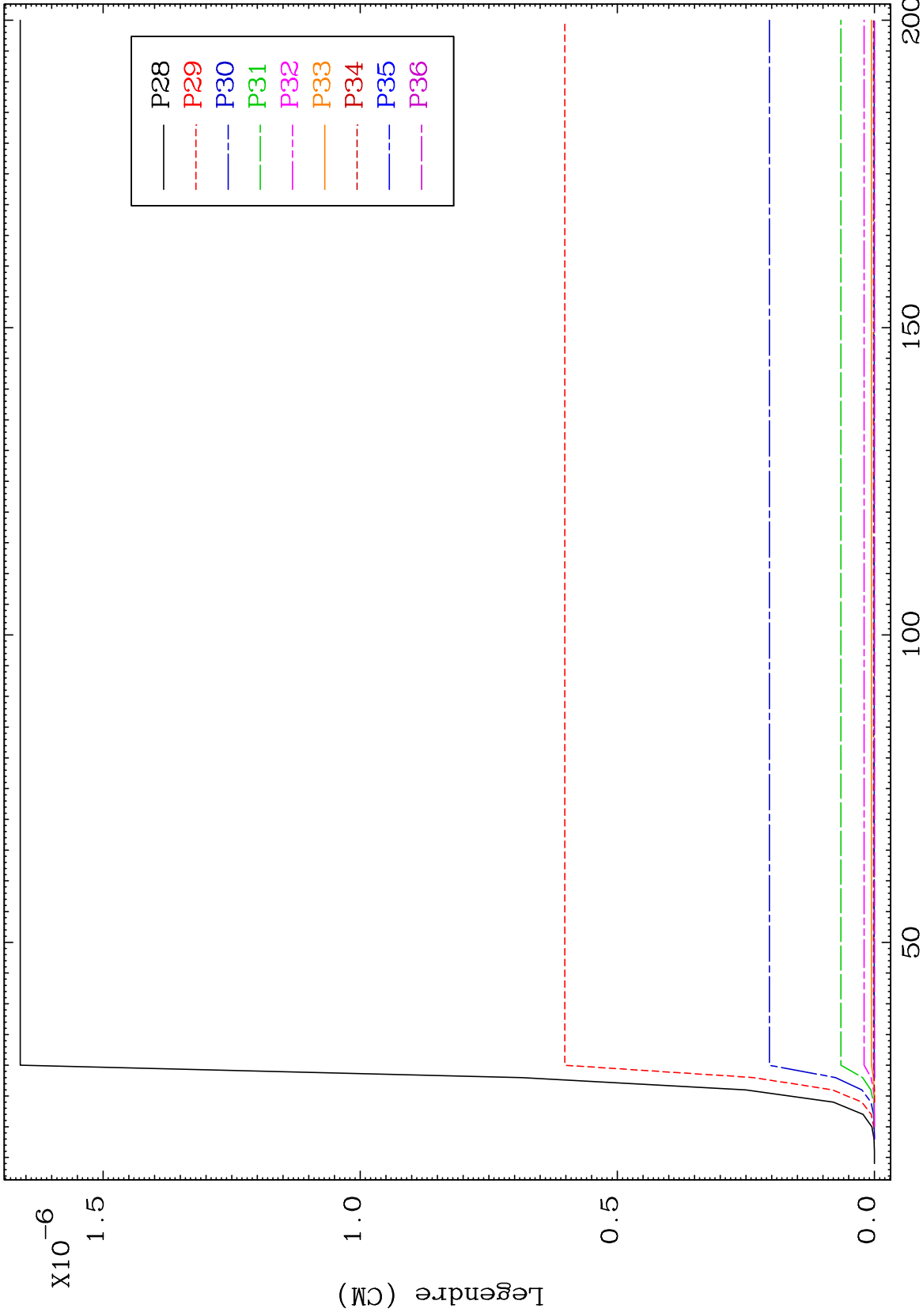
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



35

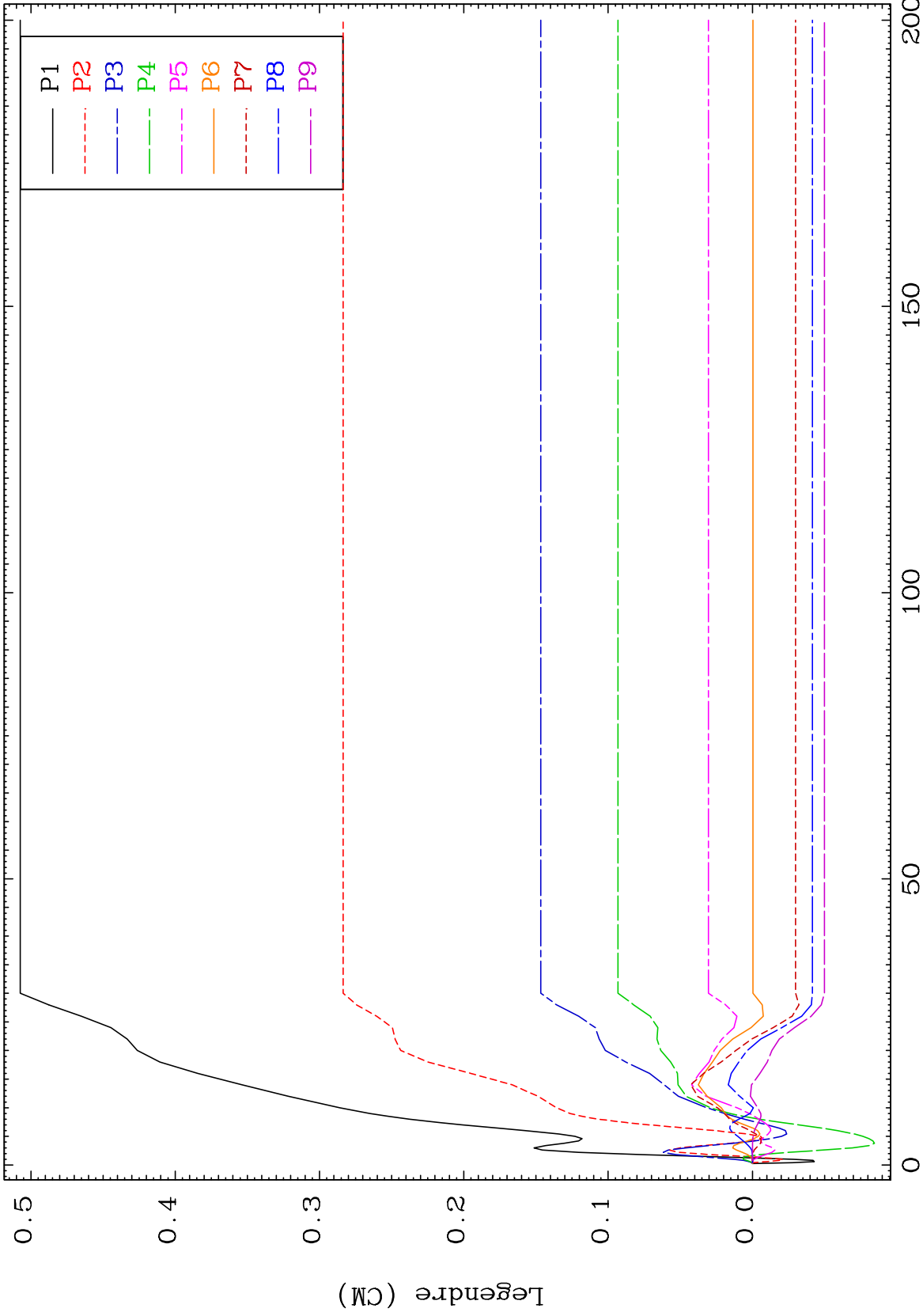
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



36

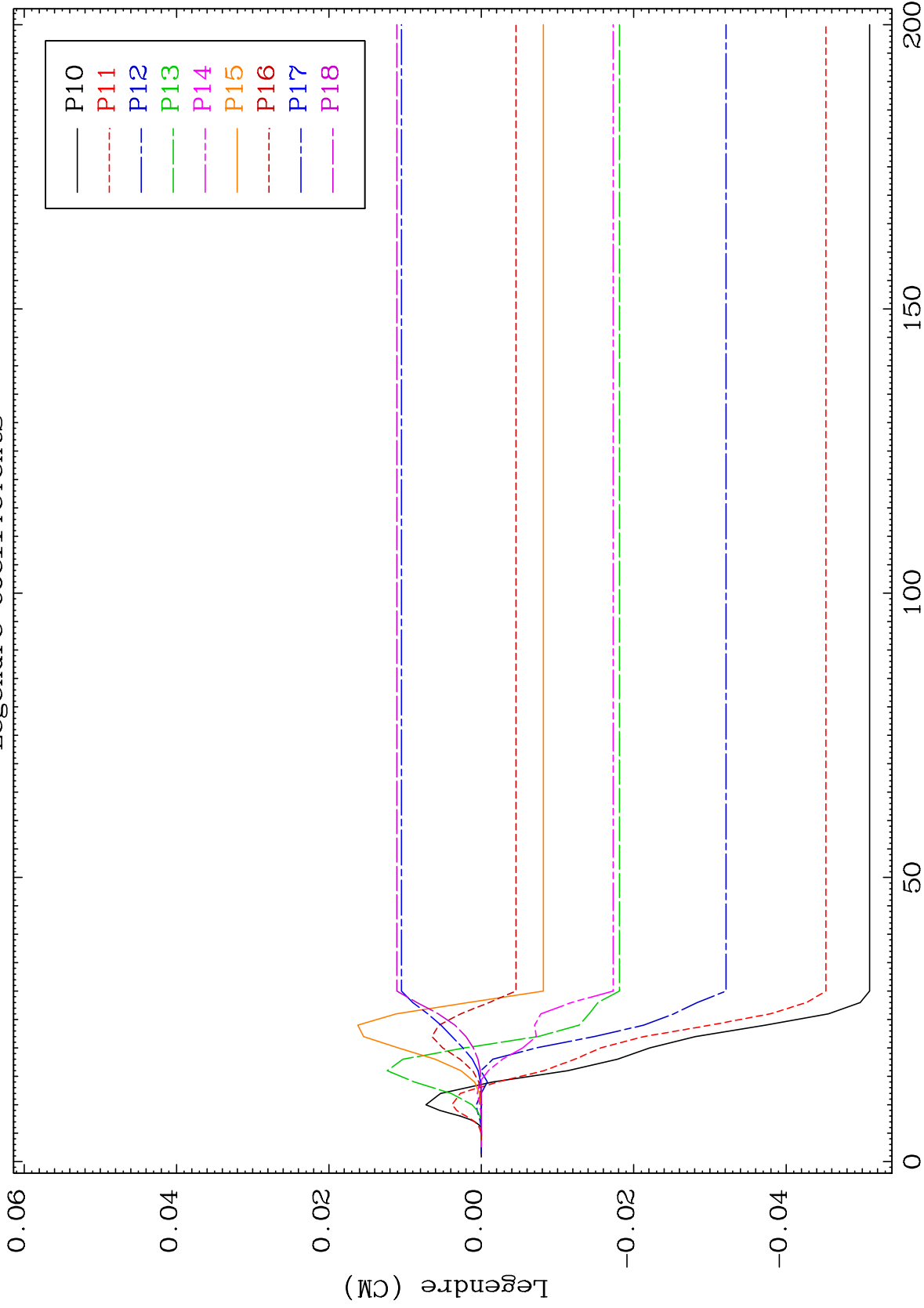
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



37

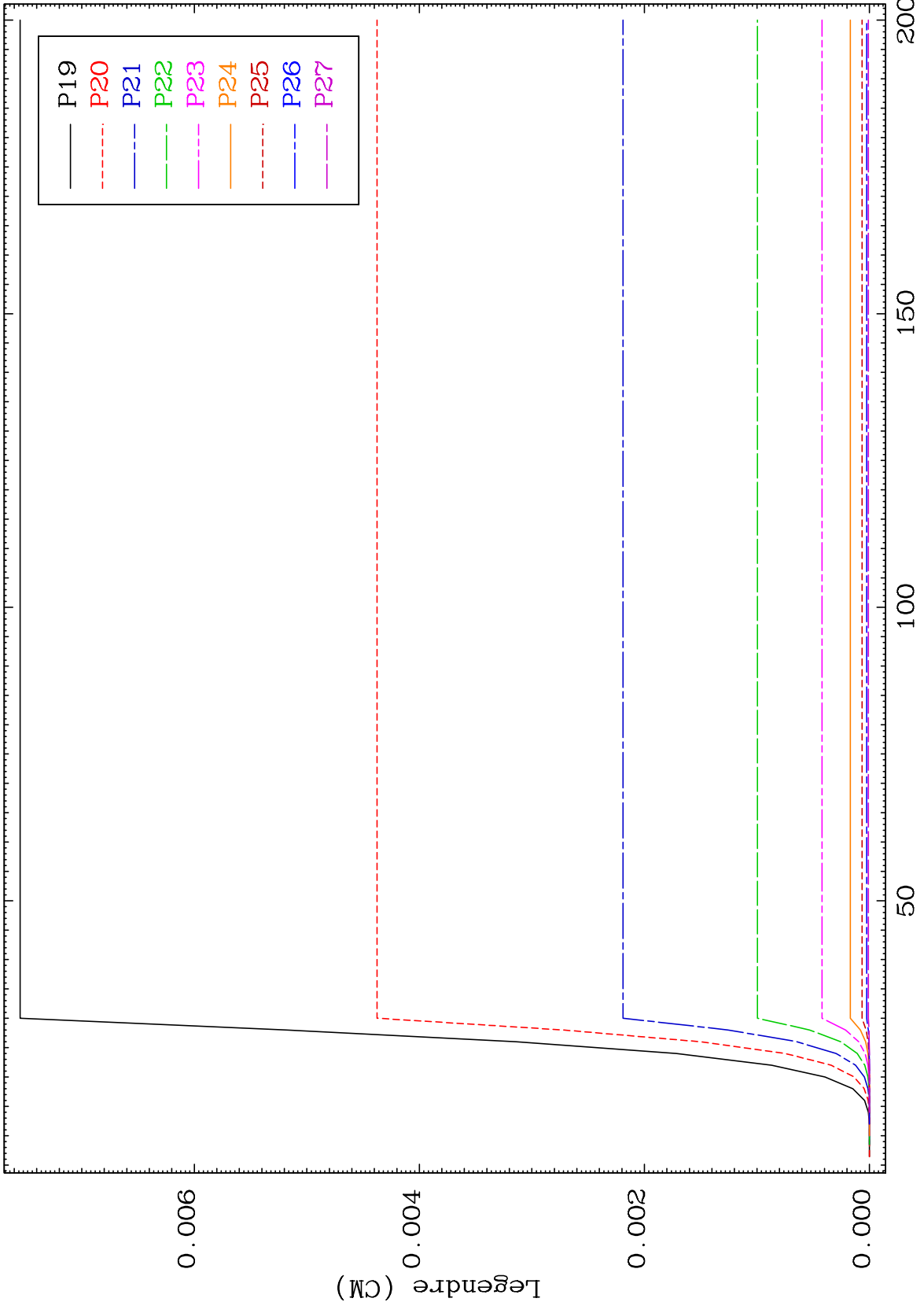
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



38

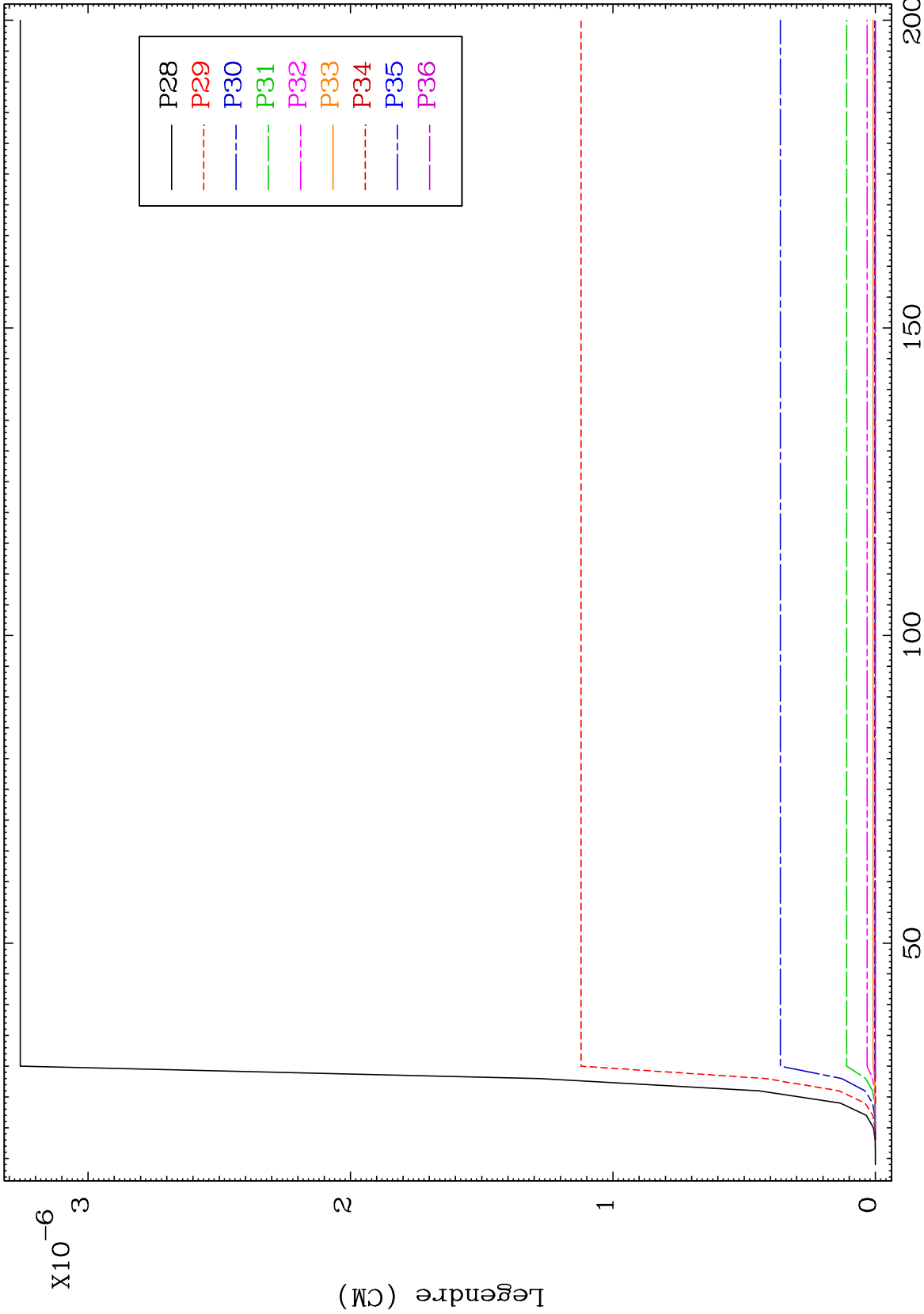
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



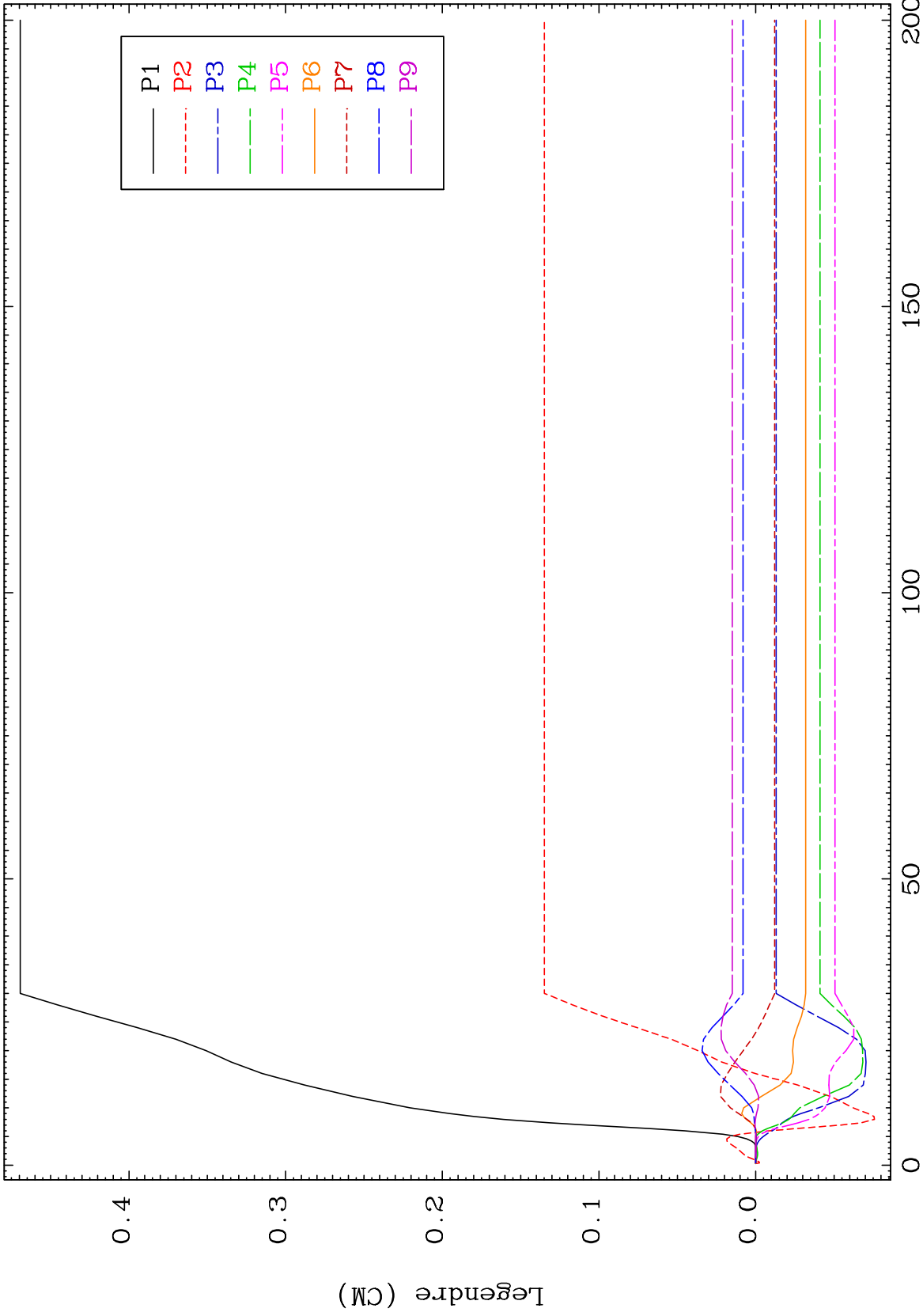
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54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

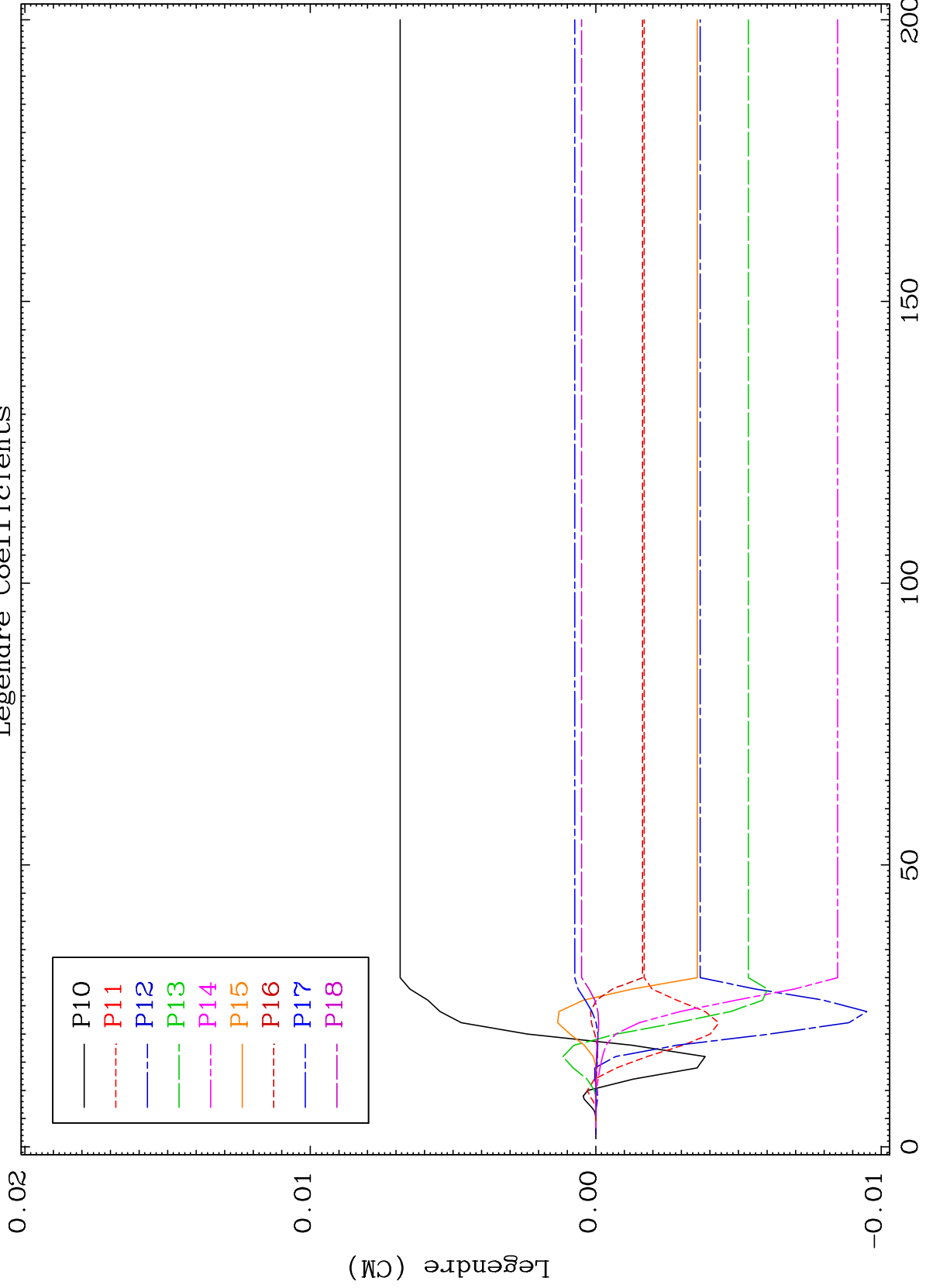
Incident Energy (MeV)

40

MAT 5404

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

54-Xe-117



41

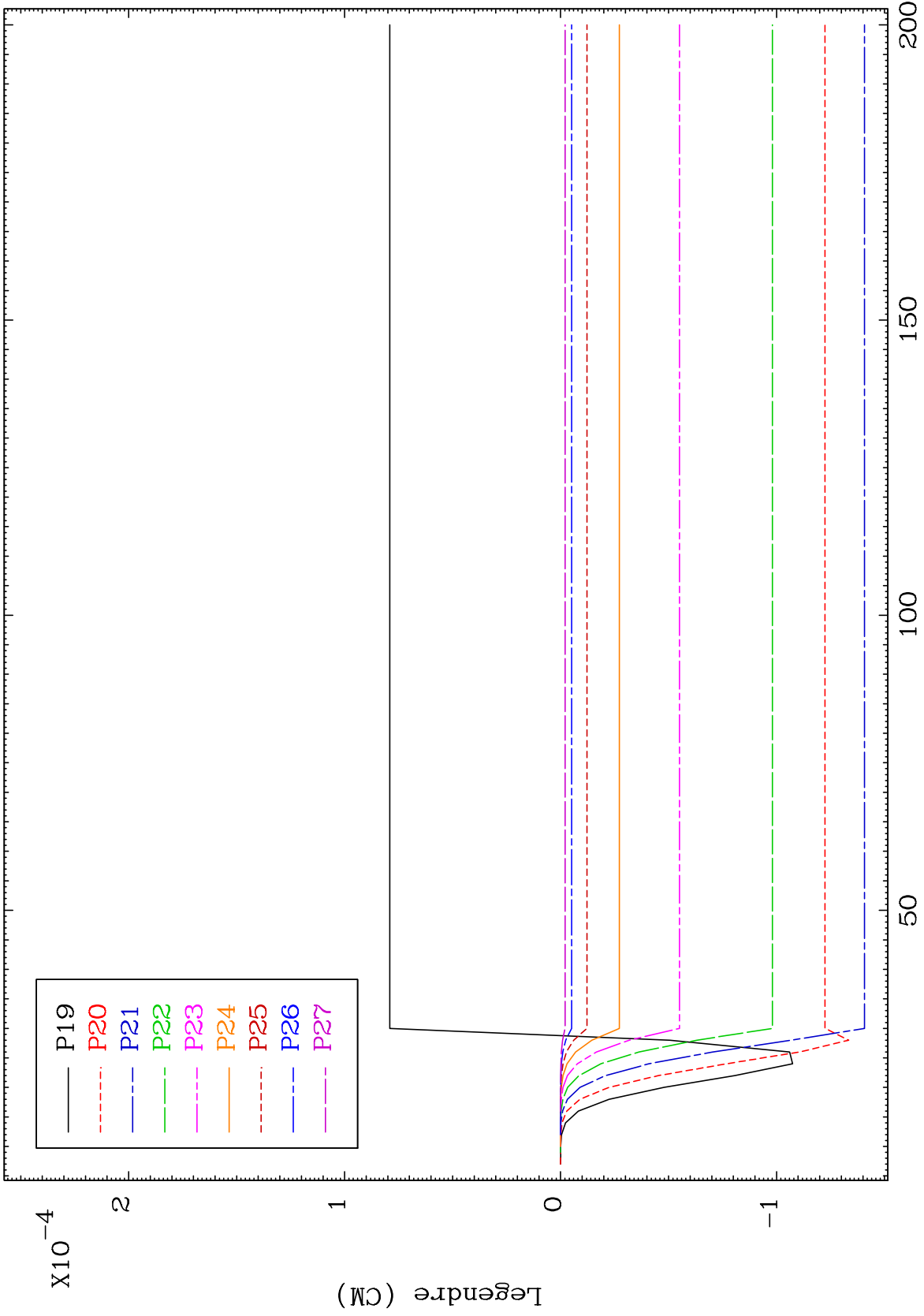
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



42

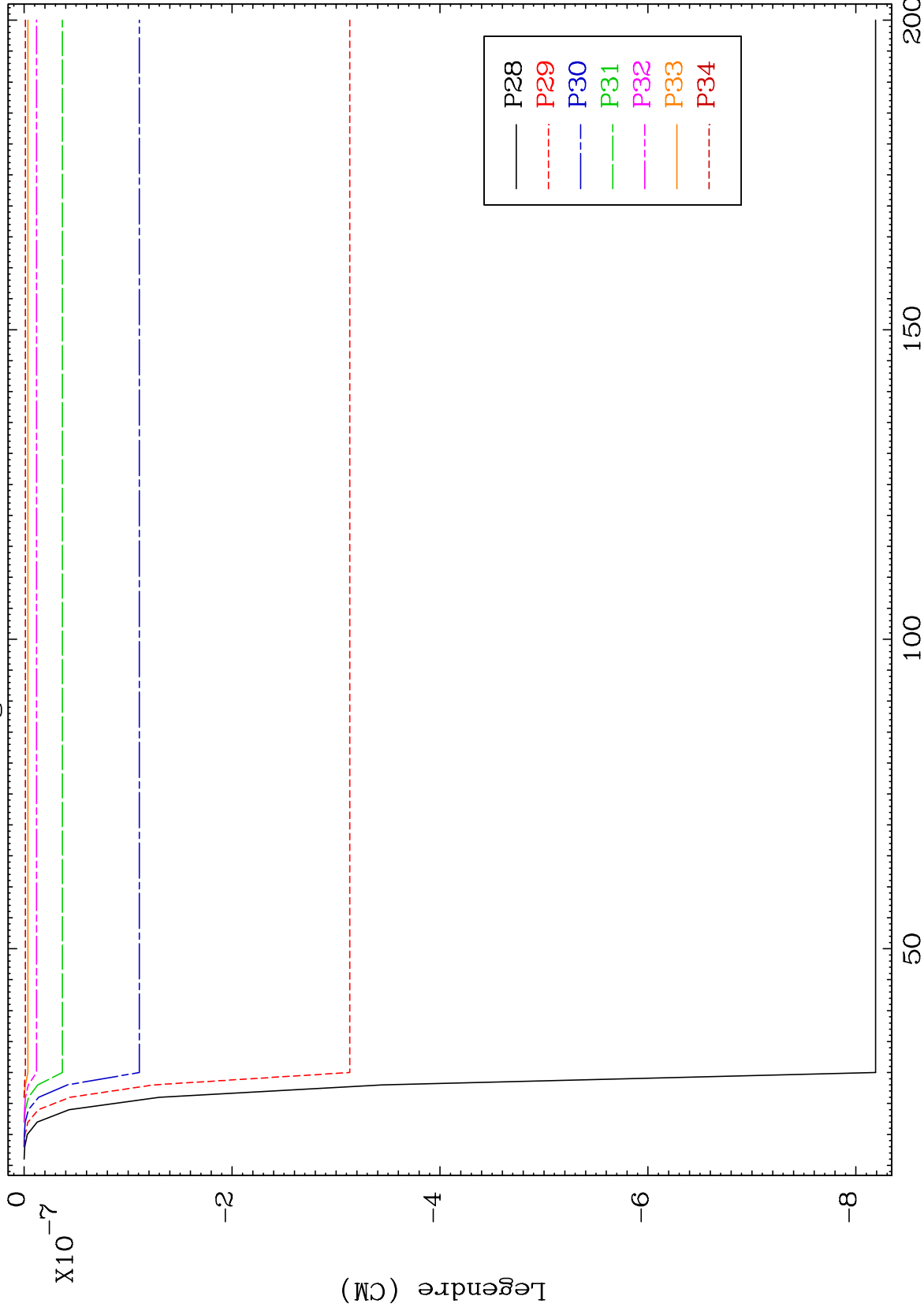
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



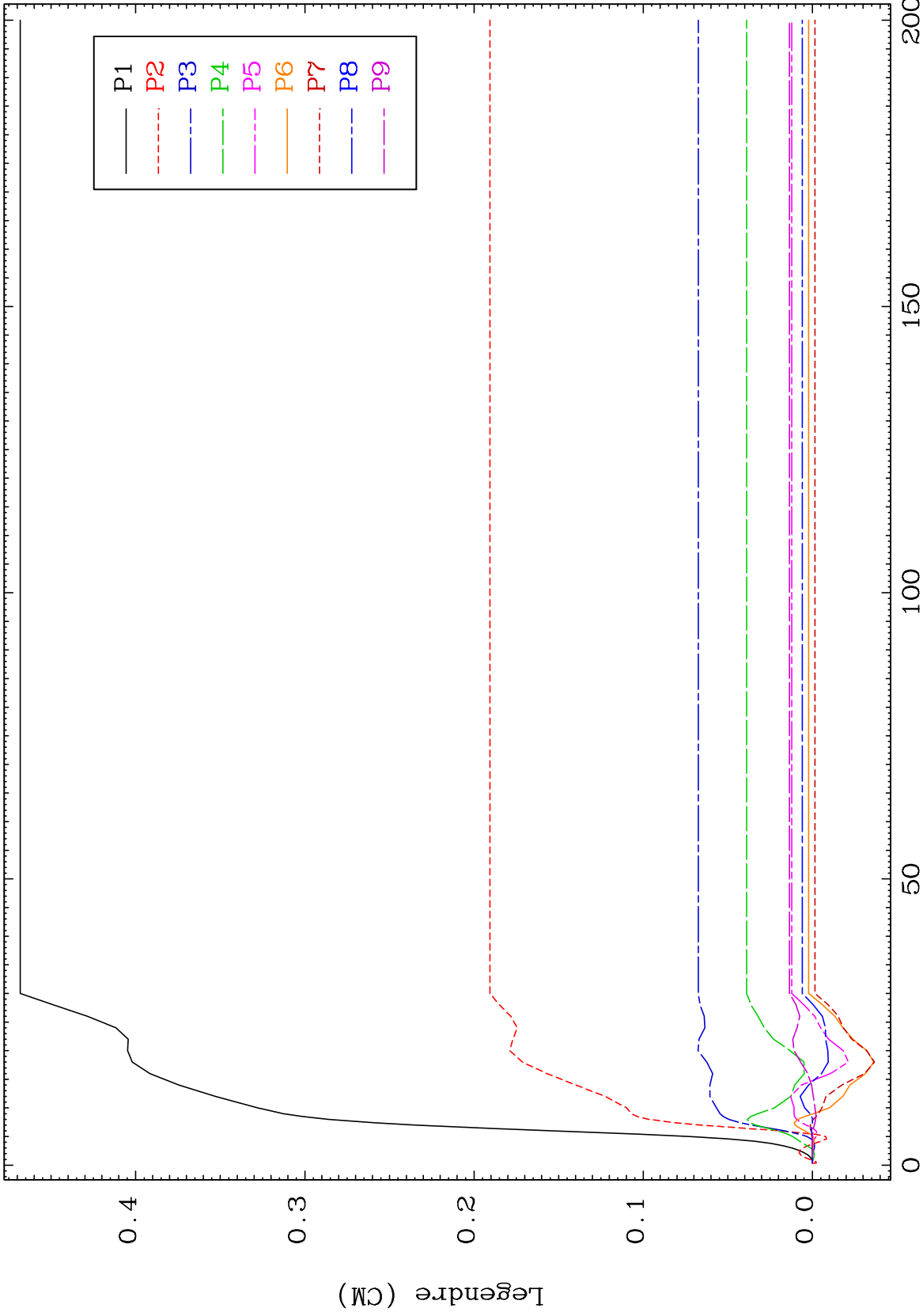
43

54-Xe-117

MAT 5404

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

54-Xe-117



44

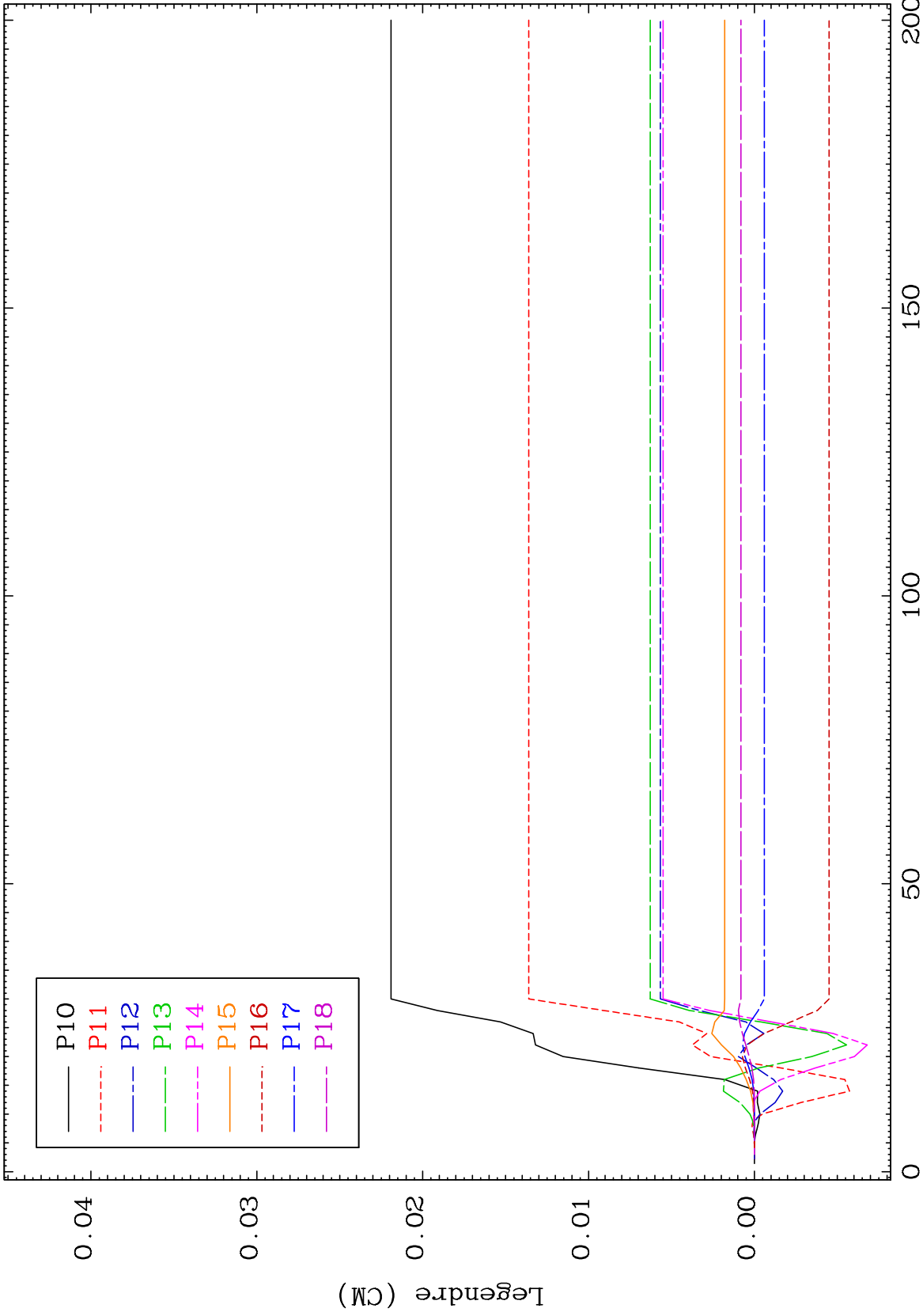
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



45

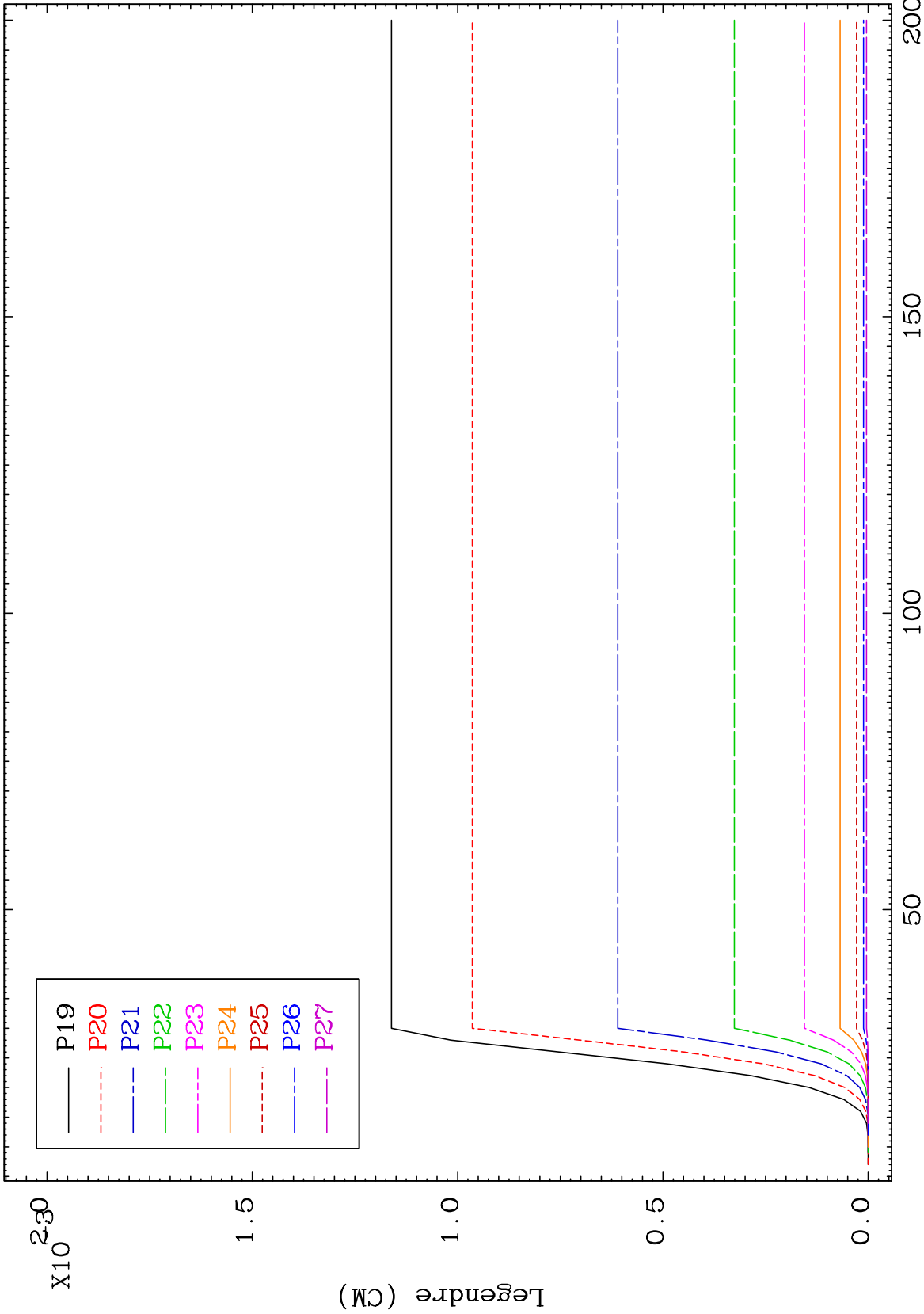
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



46

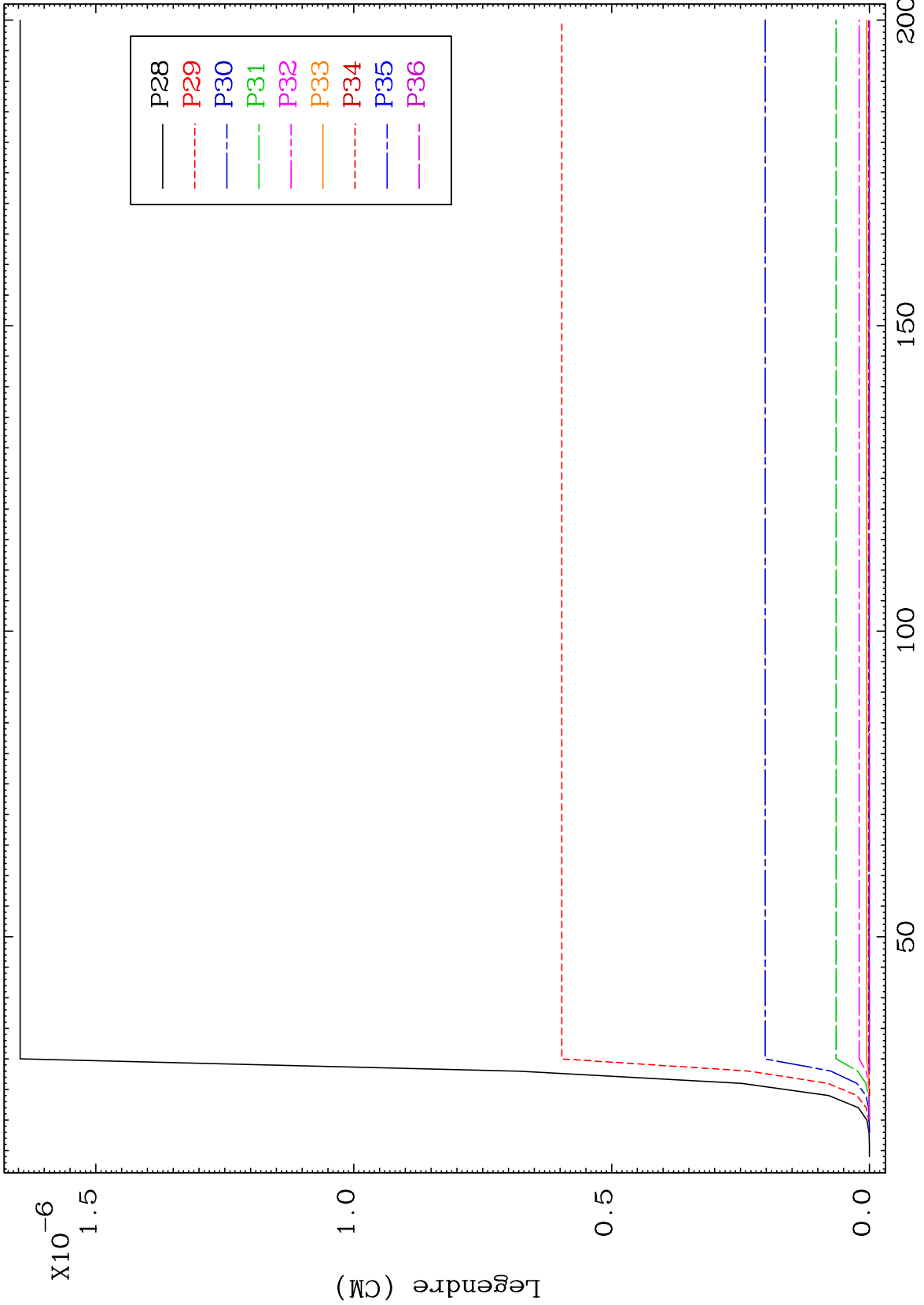
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



47

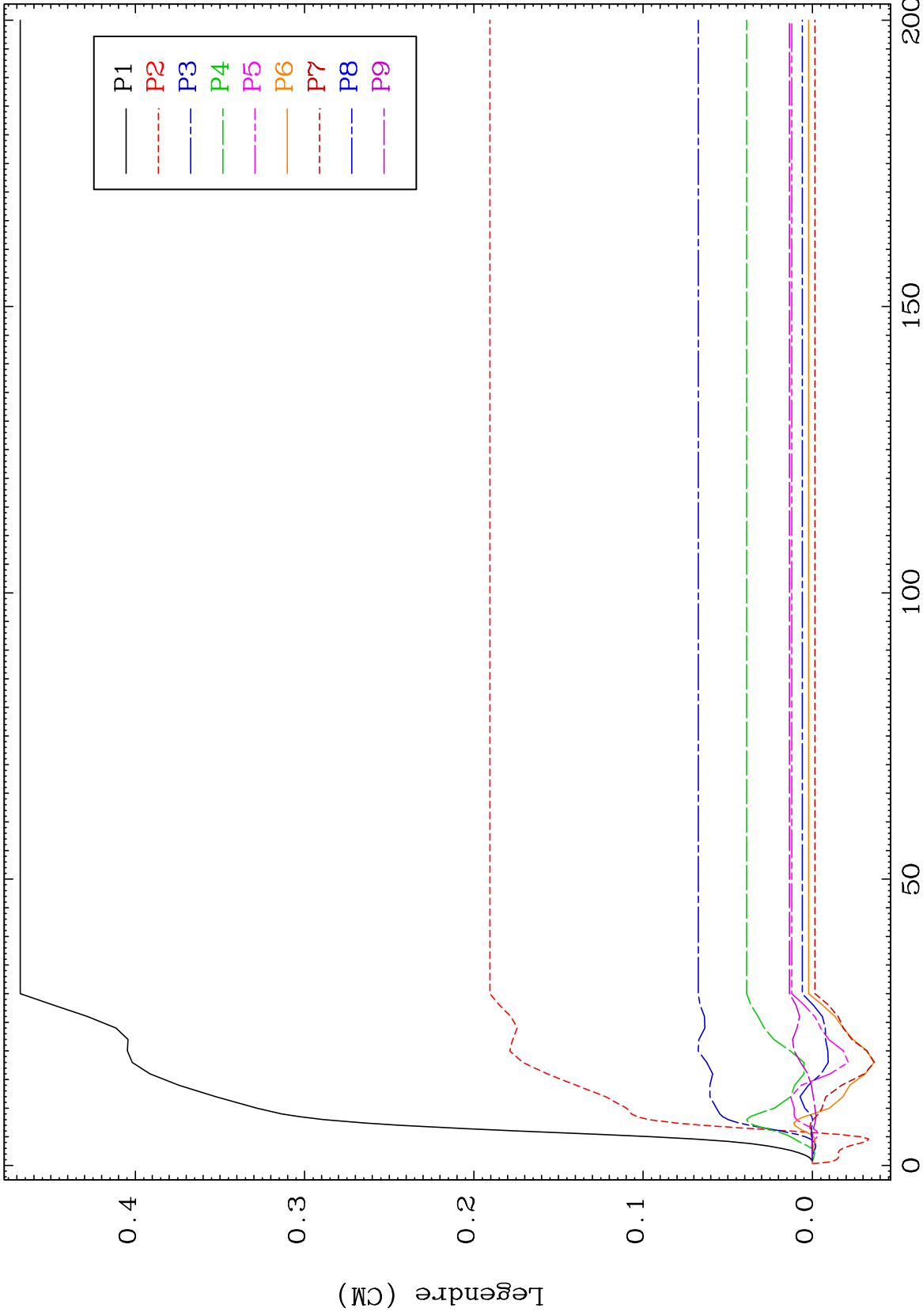
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



48

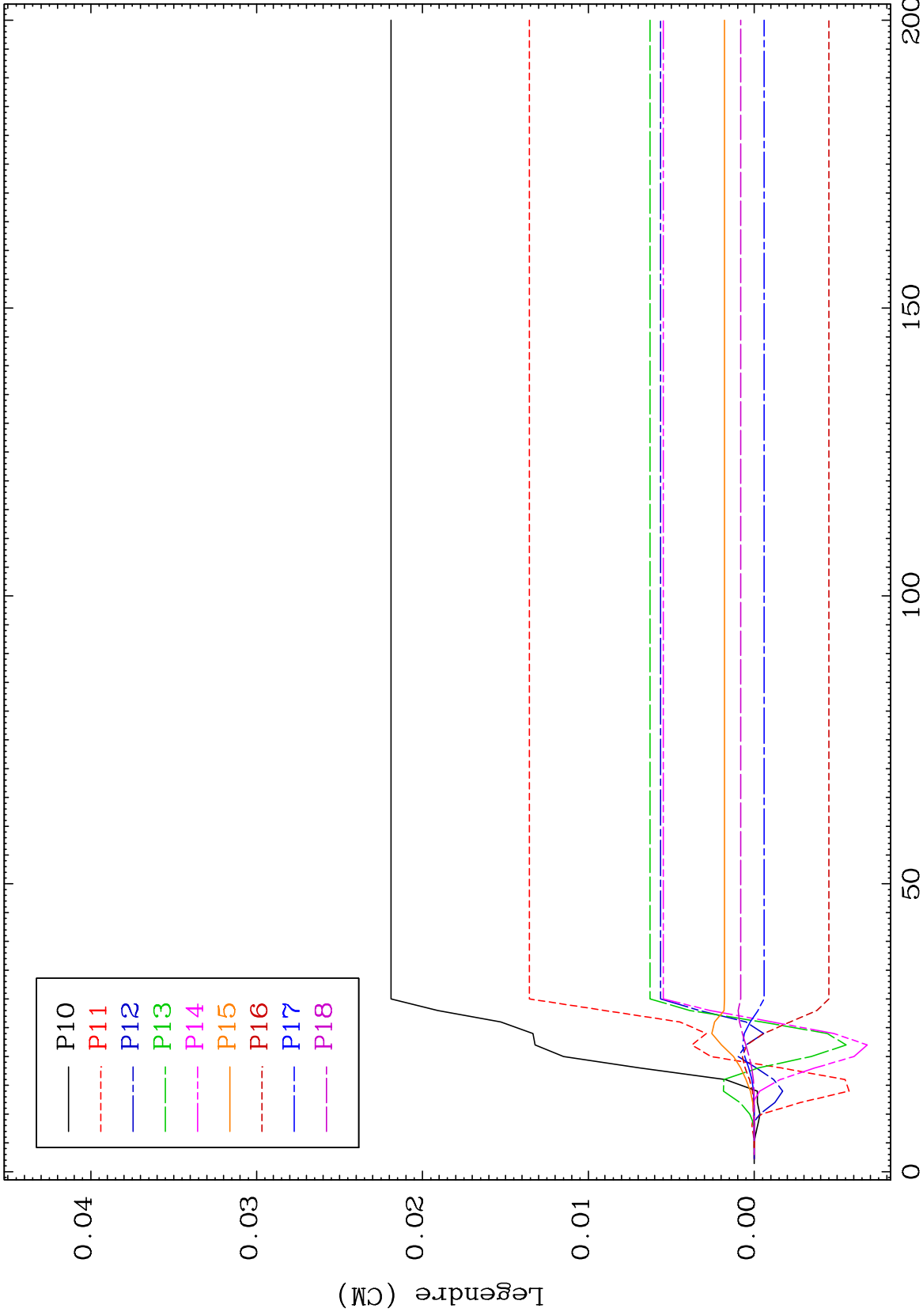
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



49

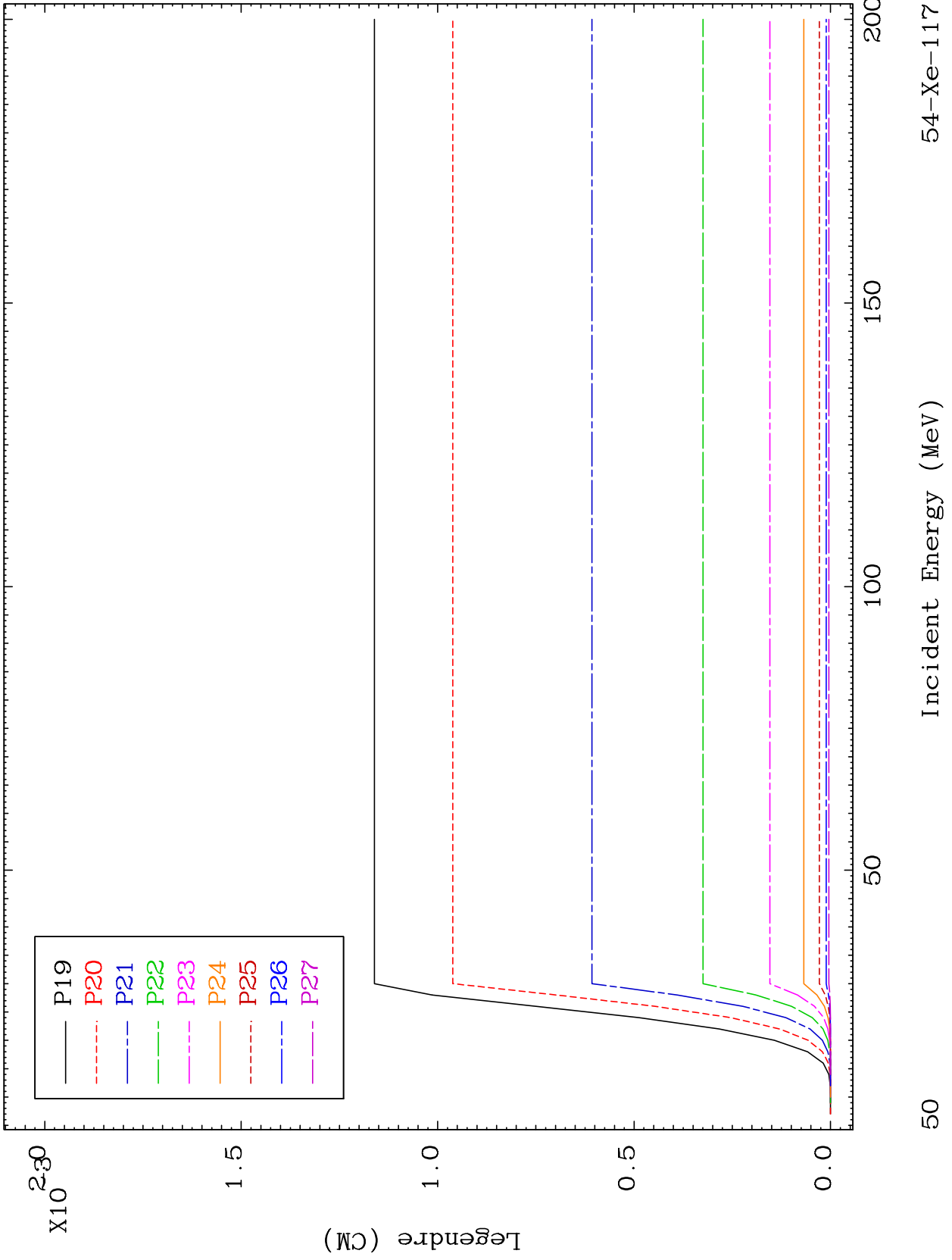
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

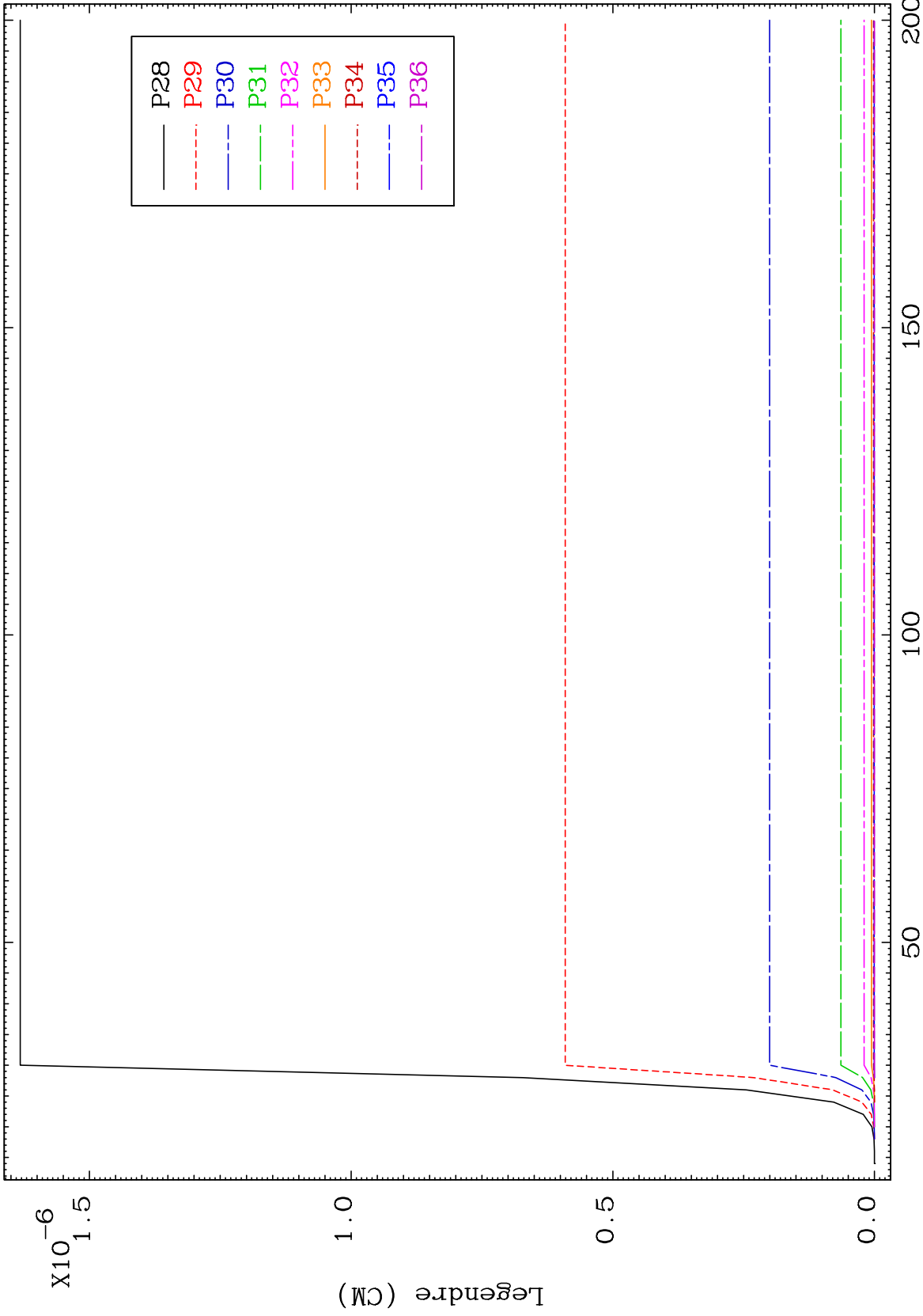
54-Xe-117



MAT 5404

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

54-Xe-117



51

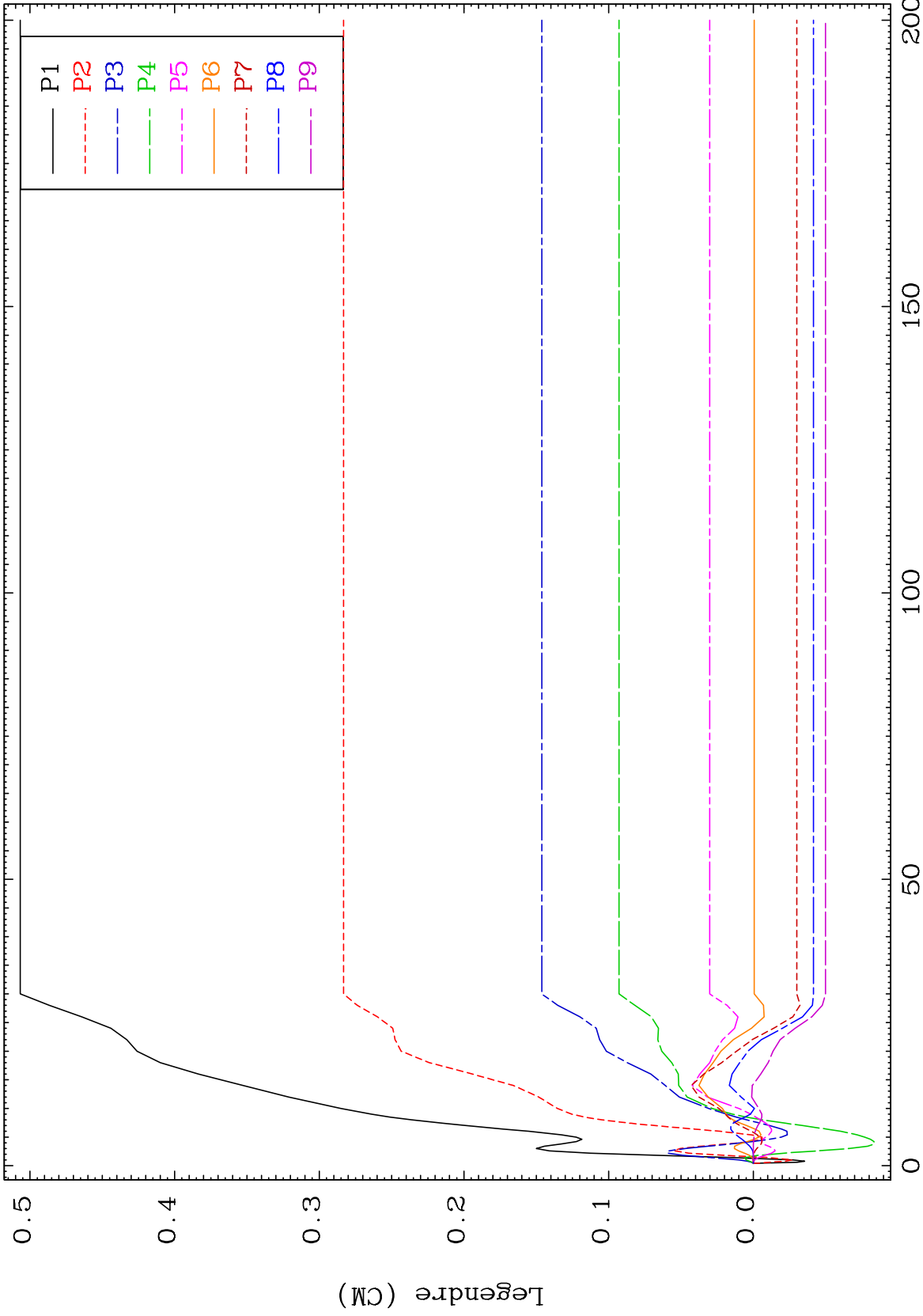
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



52

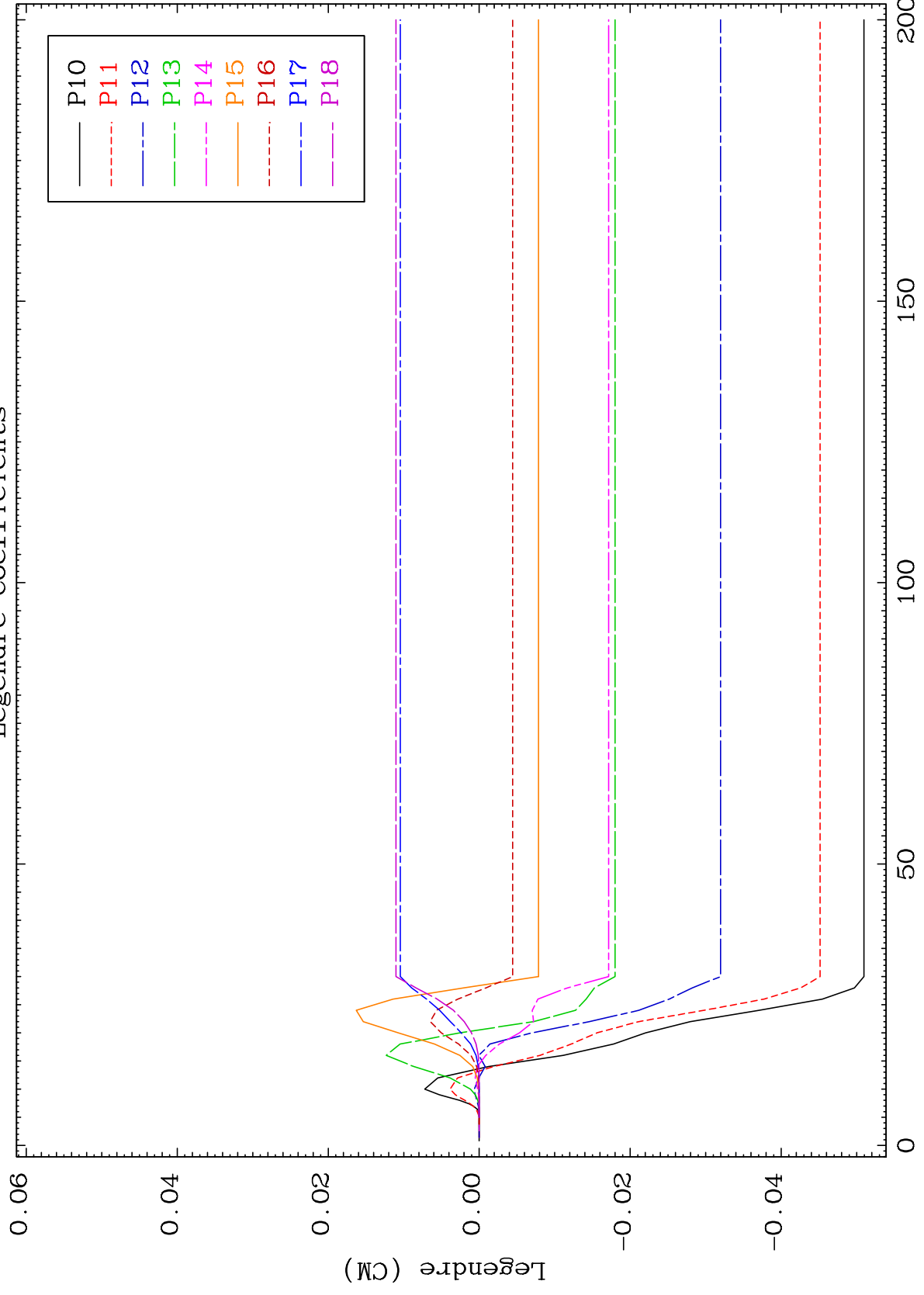
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



53

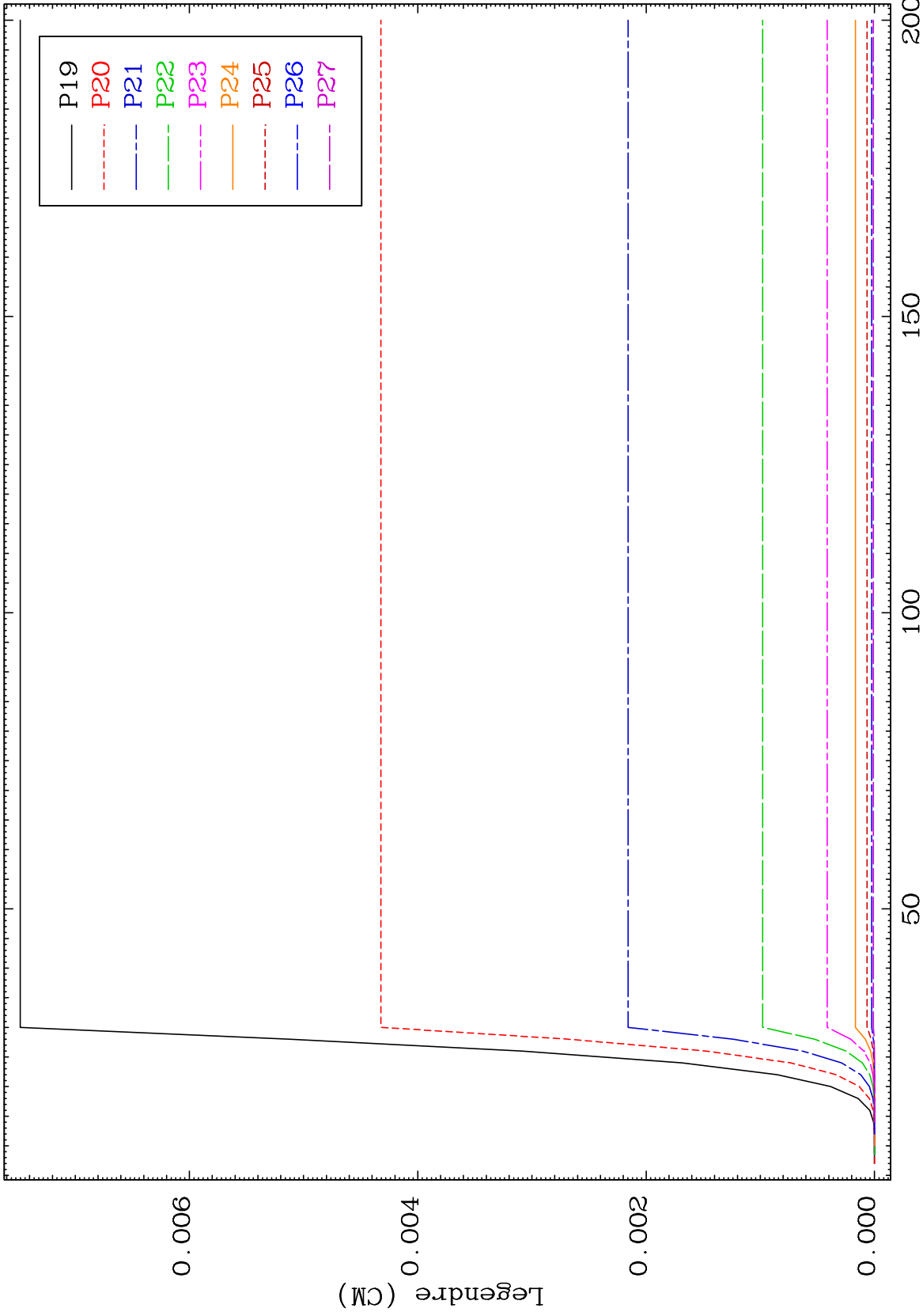
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54

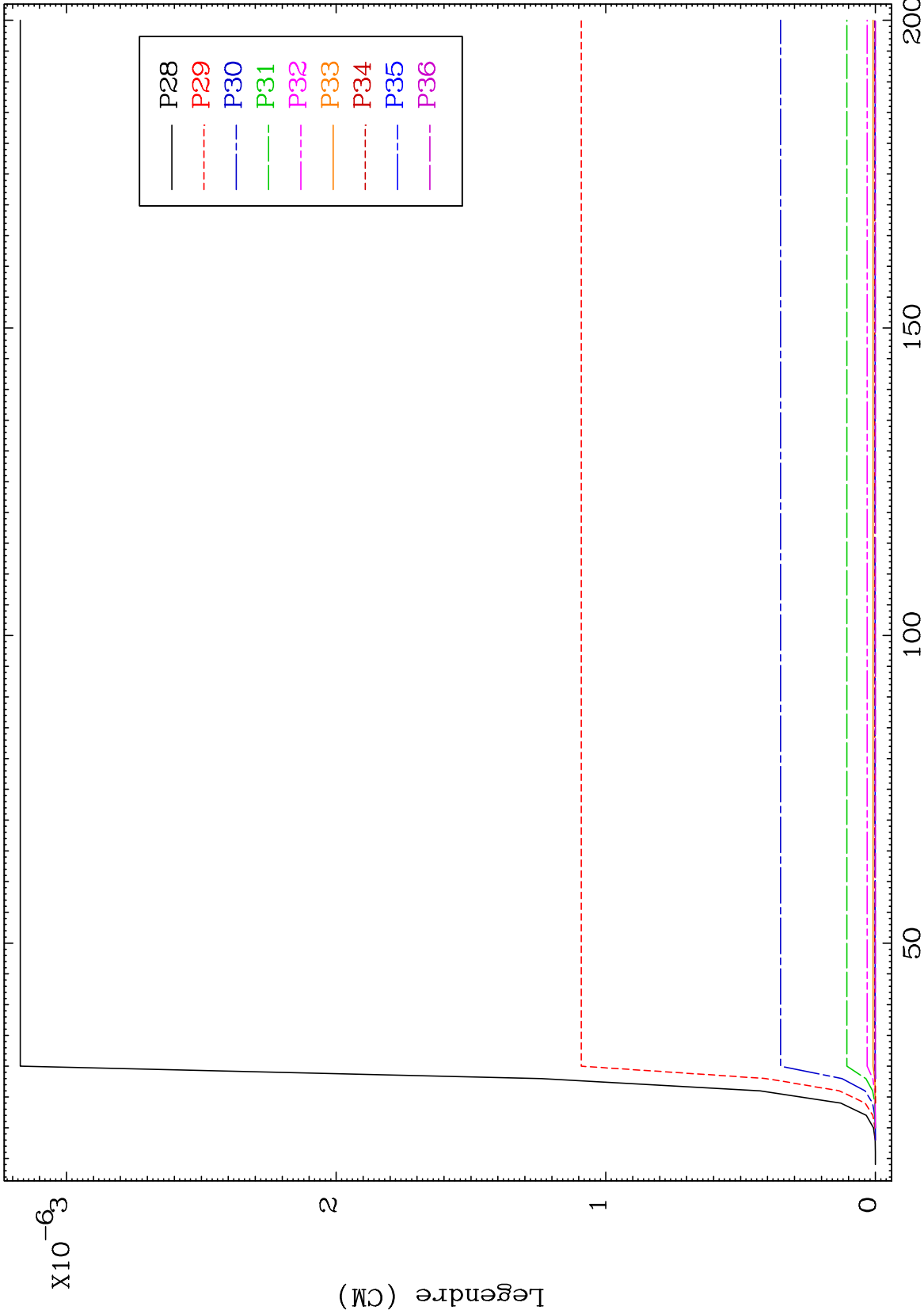
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



55

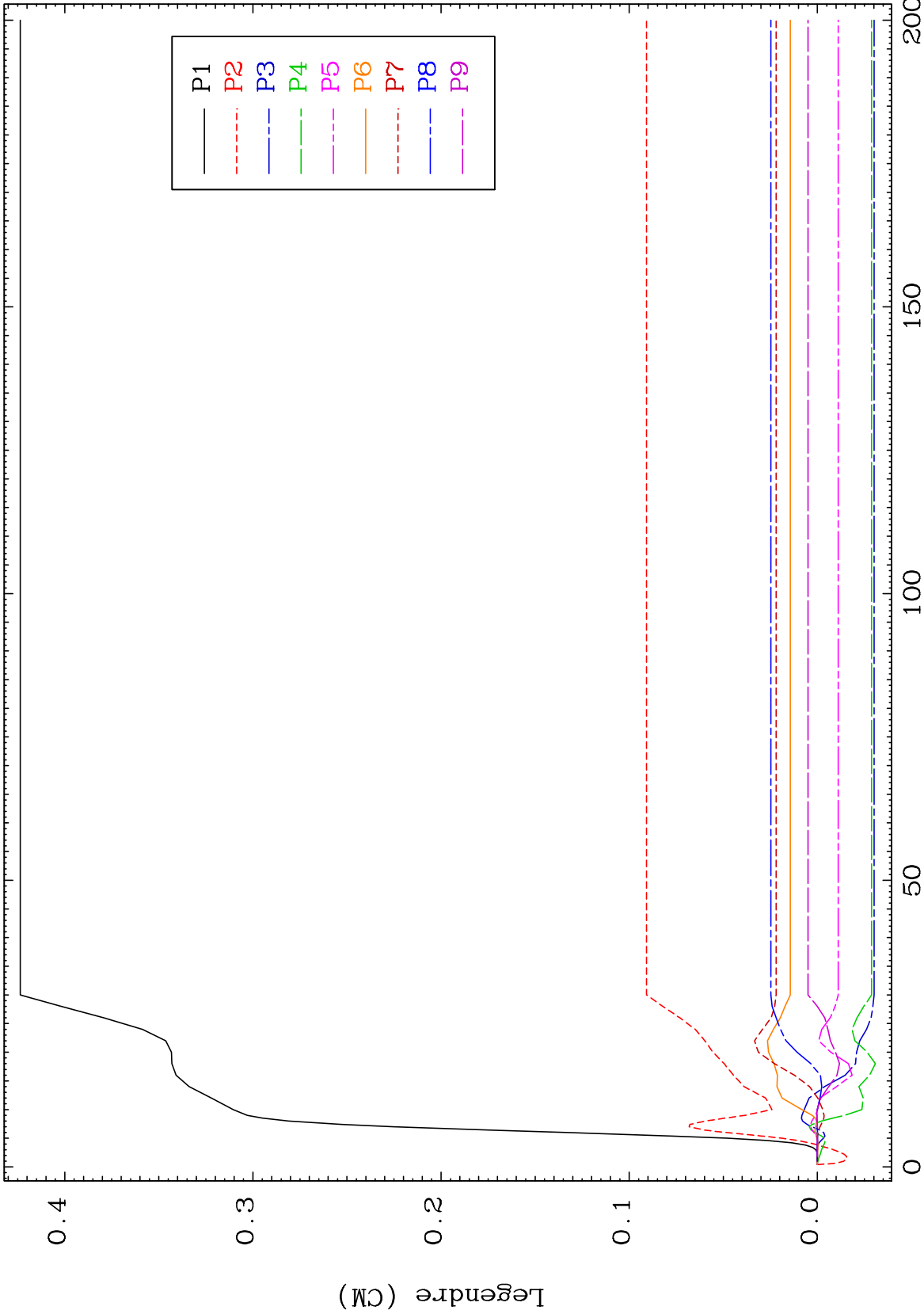
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



56

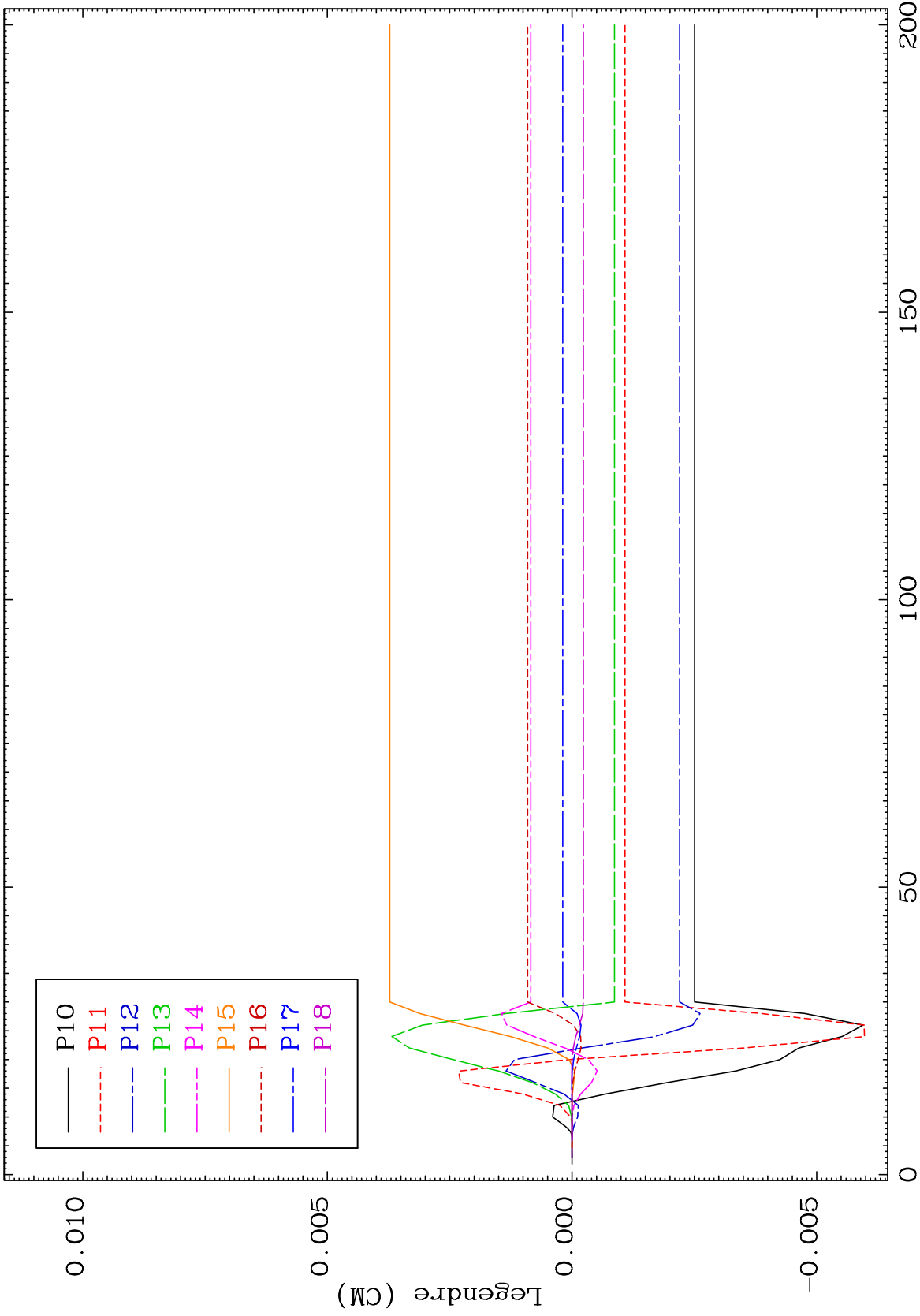
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



57

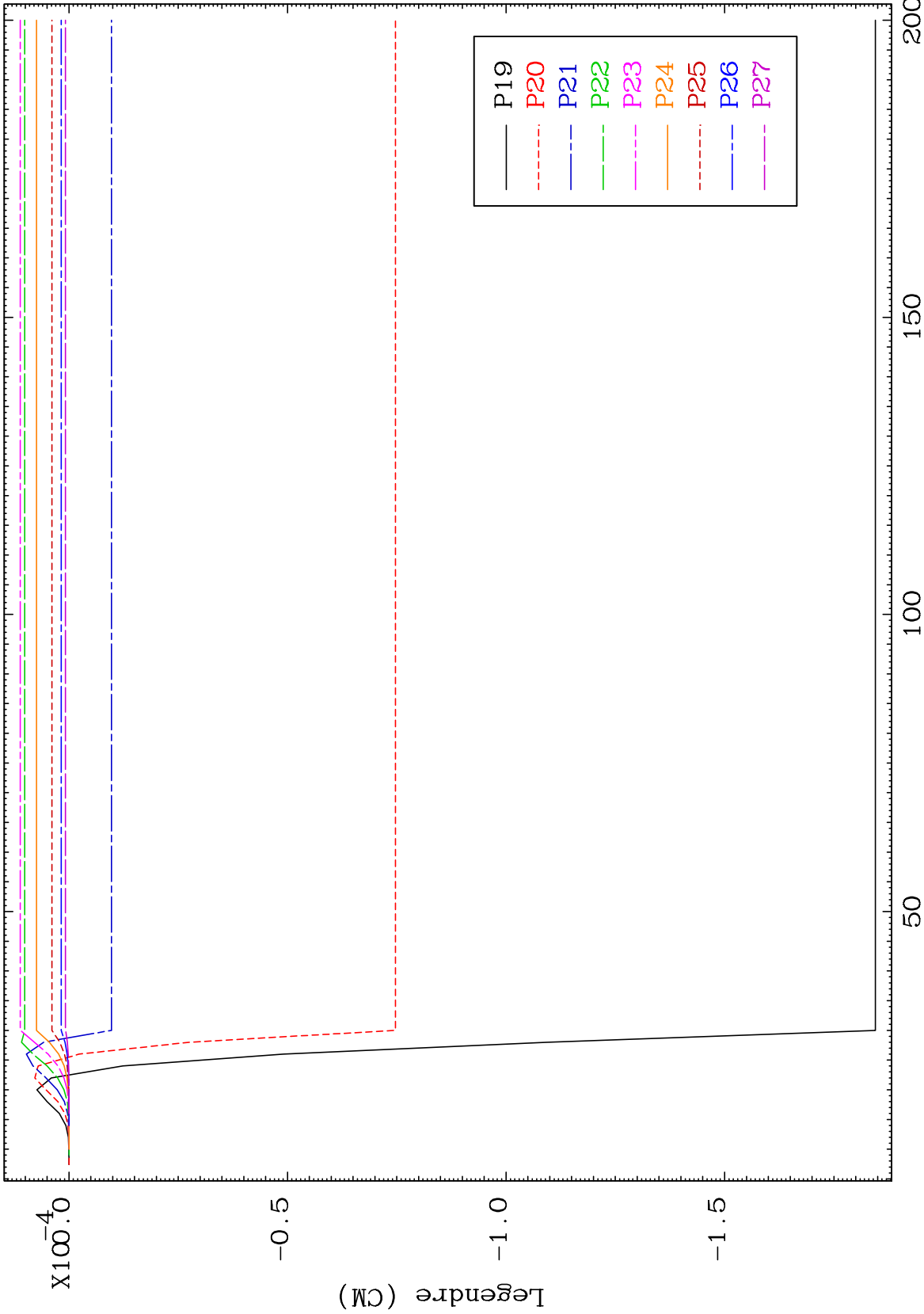
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



58

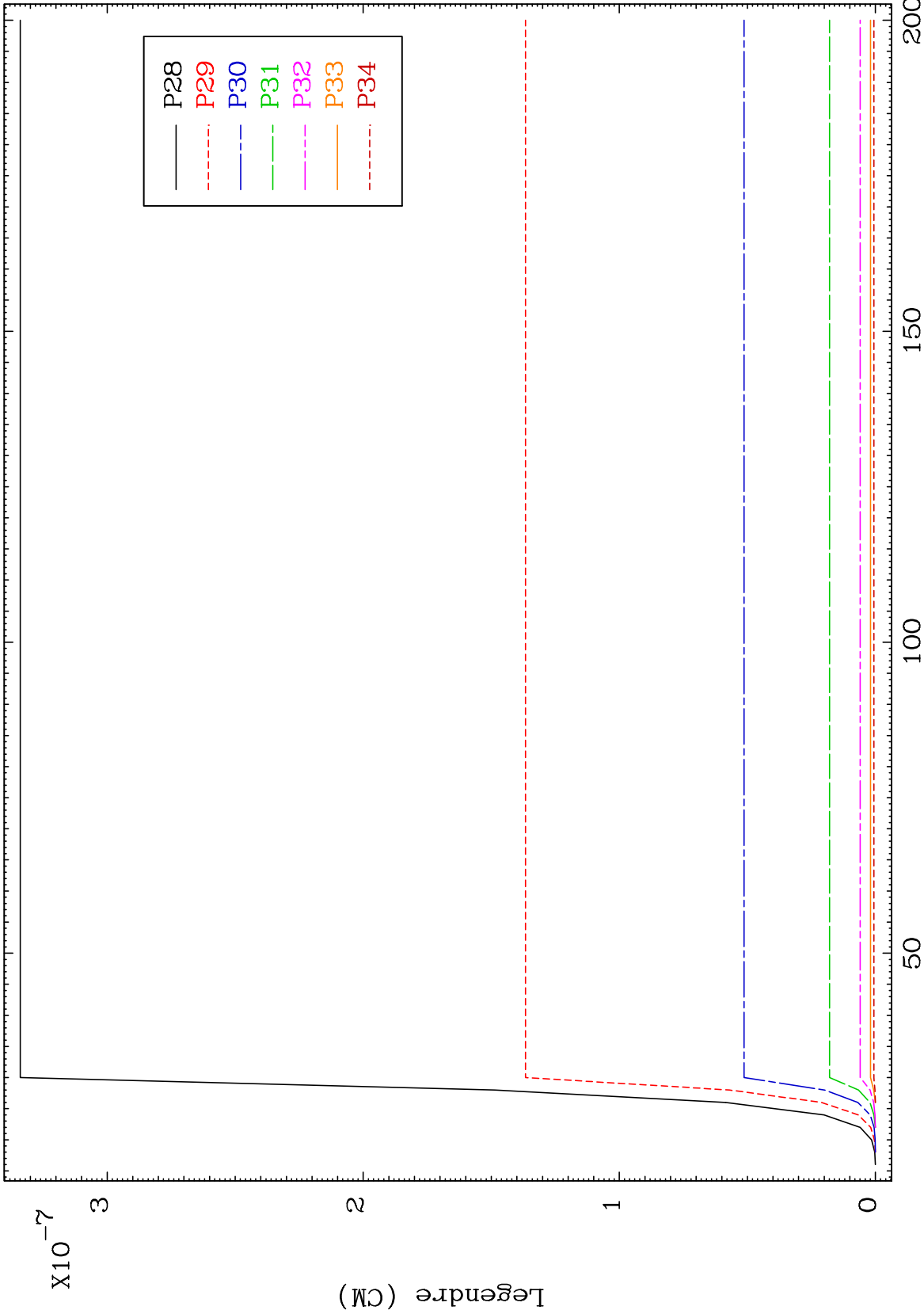
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

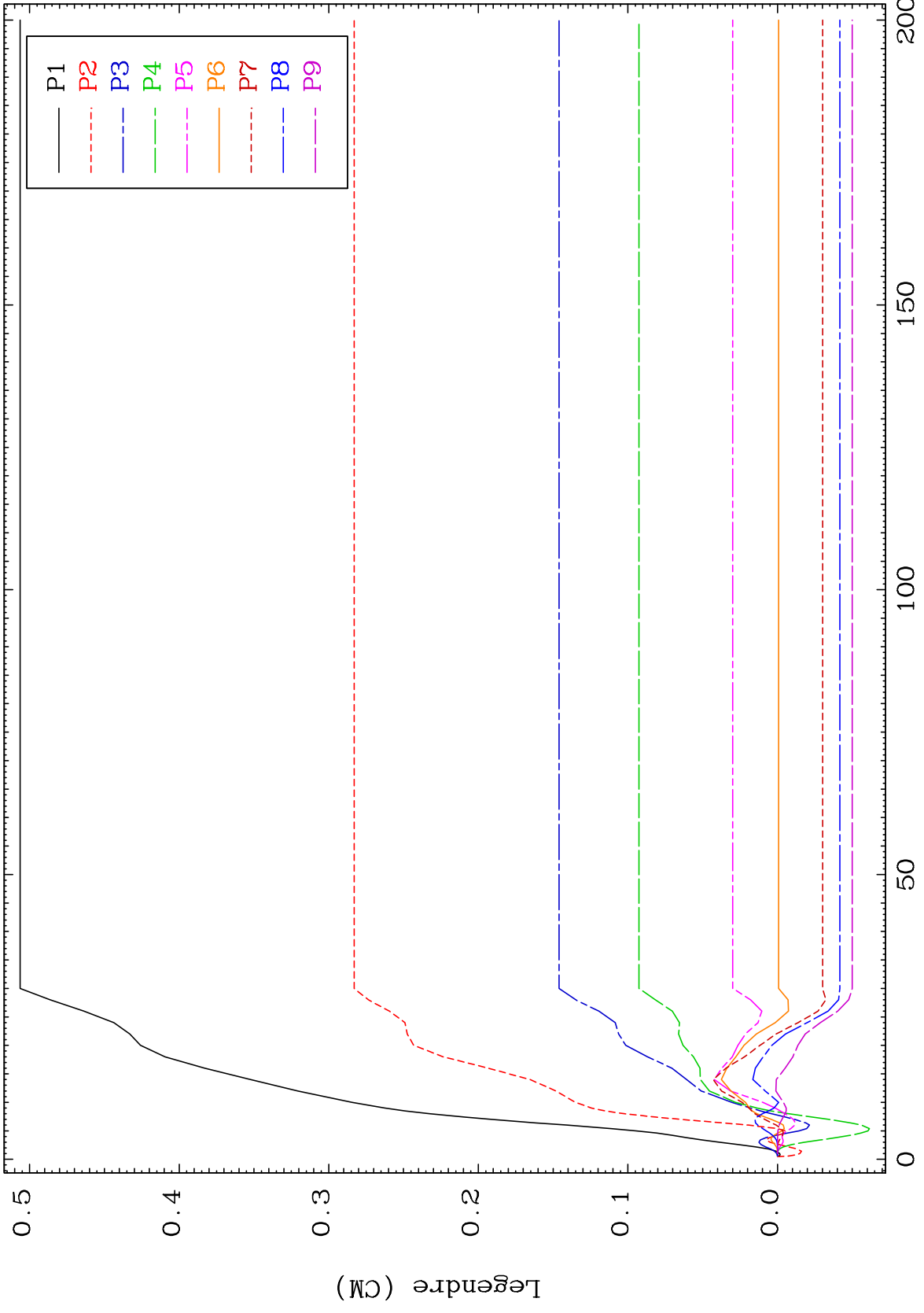
54-Xe-117



MAT 5404

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

54-Xe-117



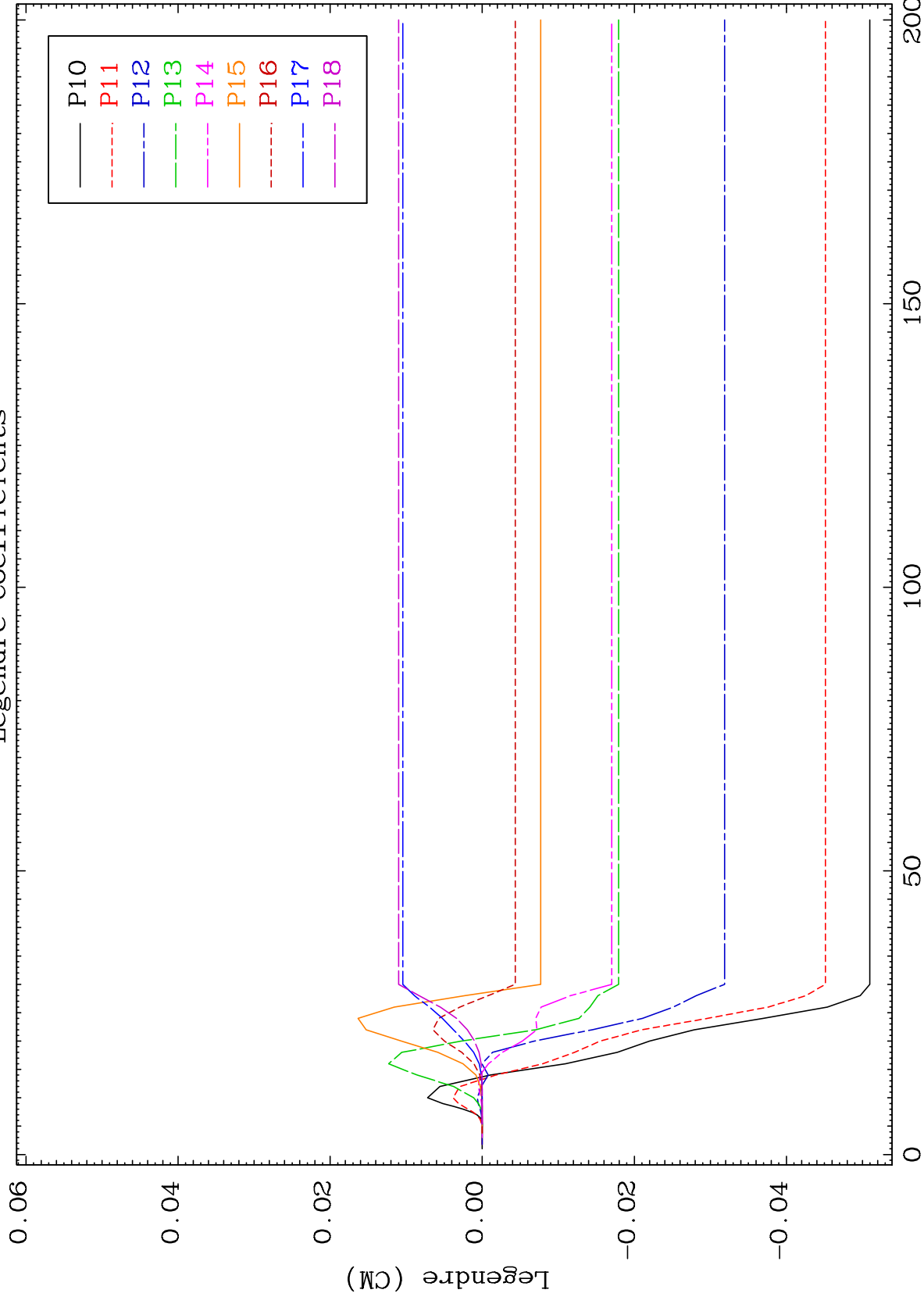
54-Xe-117

Incident Energy (MeV)

MAT 5404

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

54-Xe-117



54-Xe-117

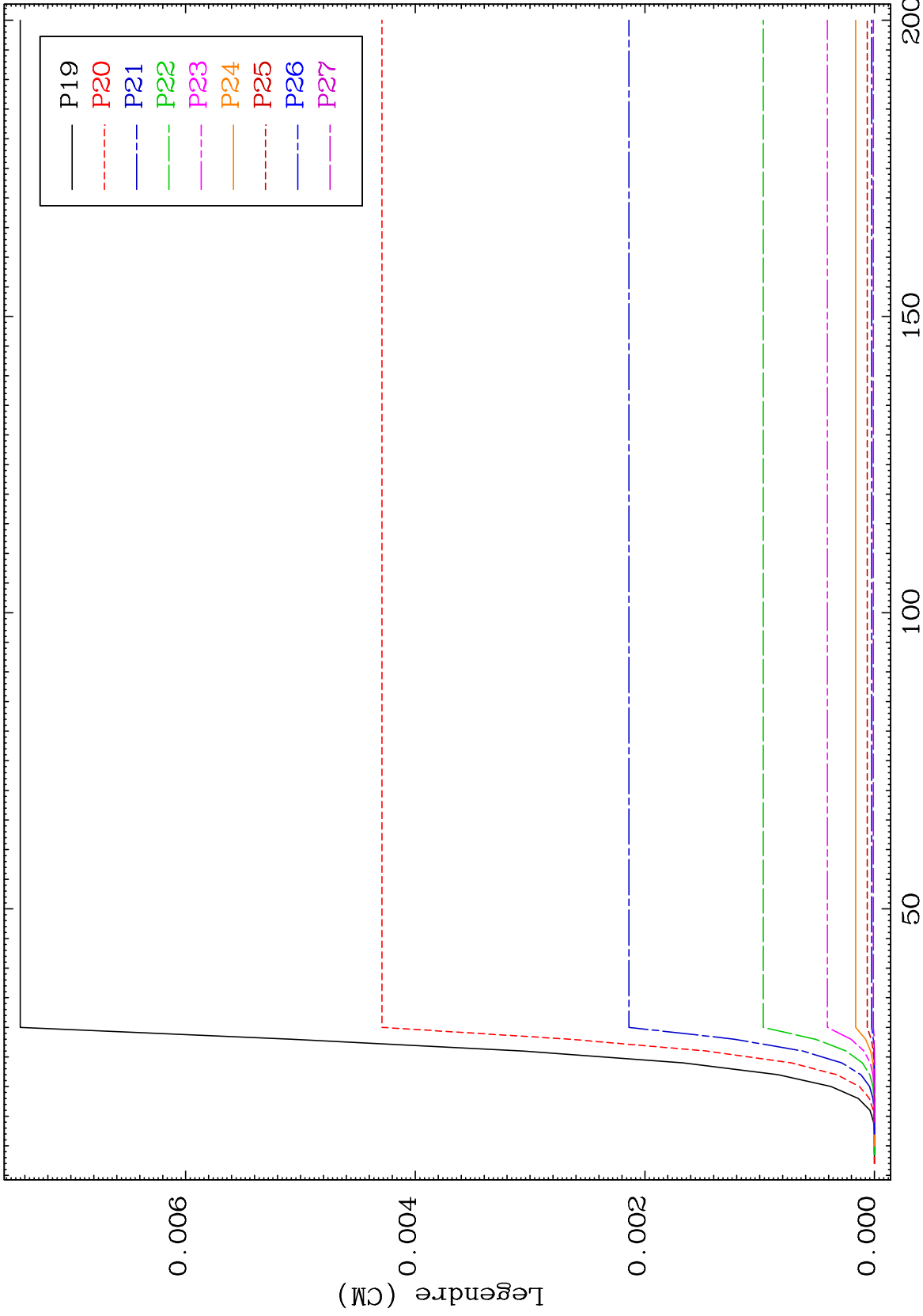
Incident Energy (MeV)

61

MAT 5404

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

54-Xe-117



62

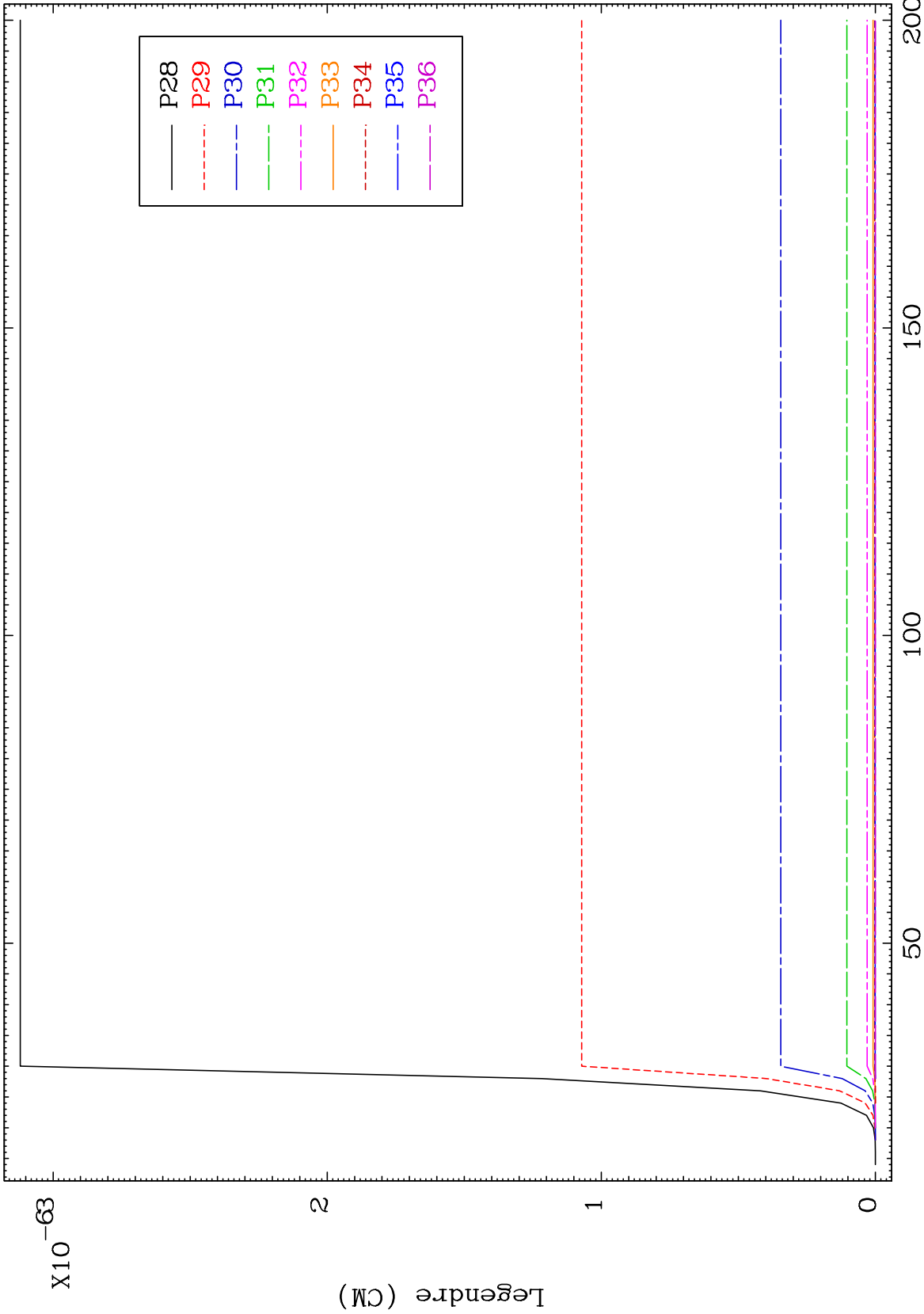
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



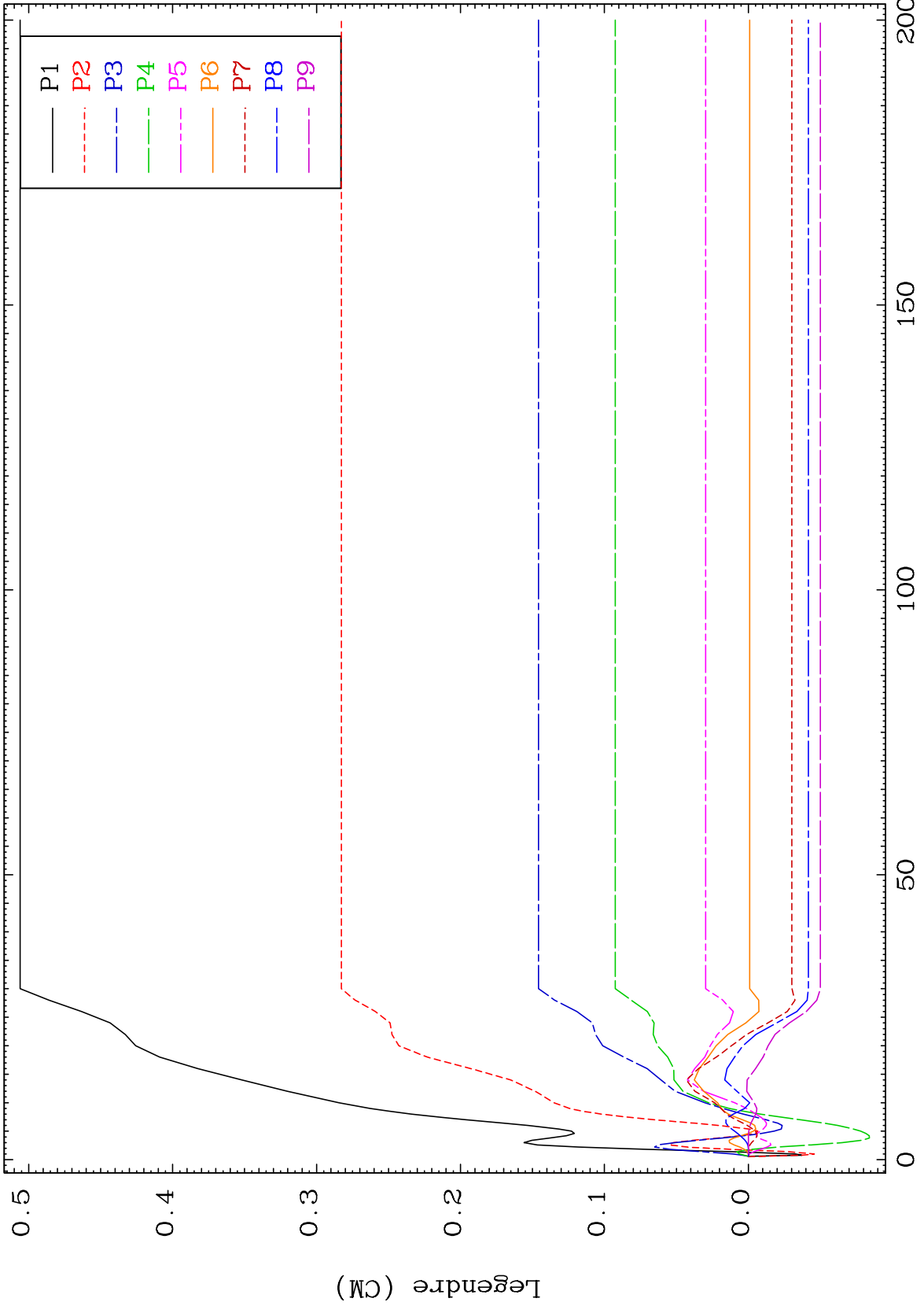
63

54-Xe-117

MAT 5404

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

54-Xe-117



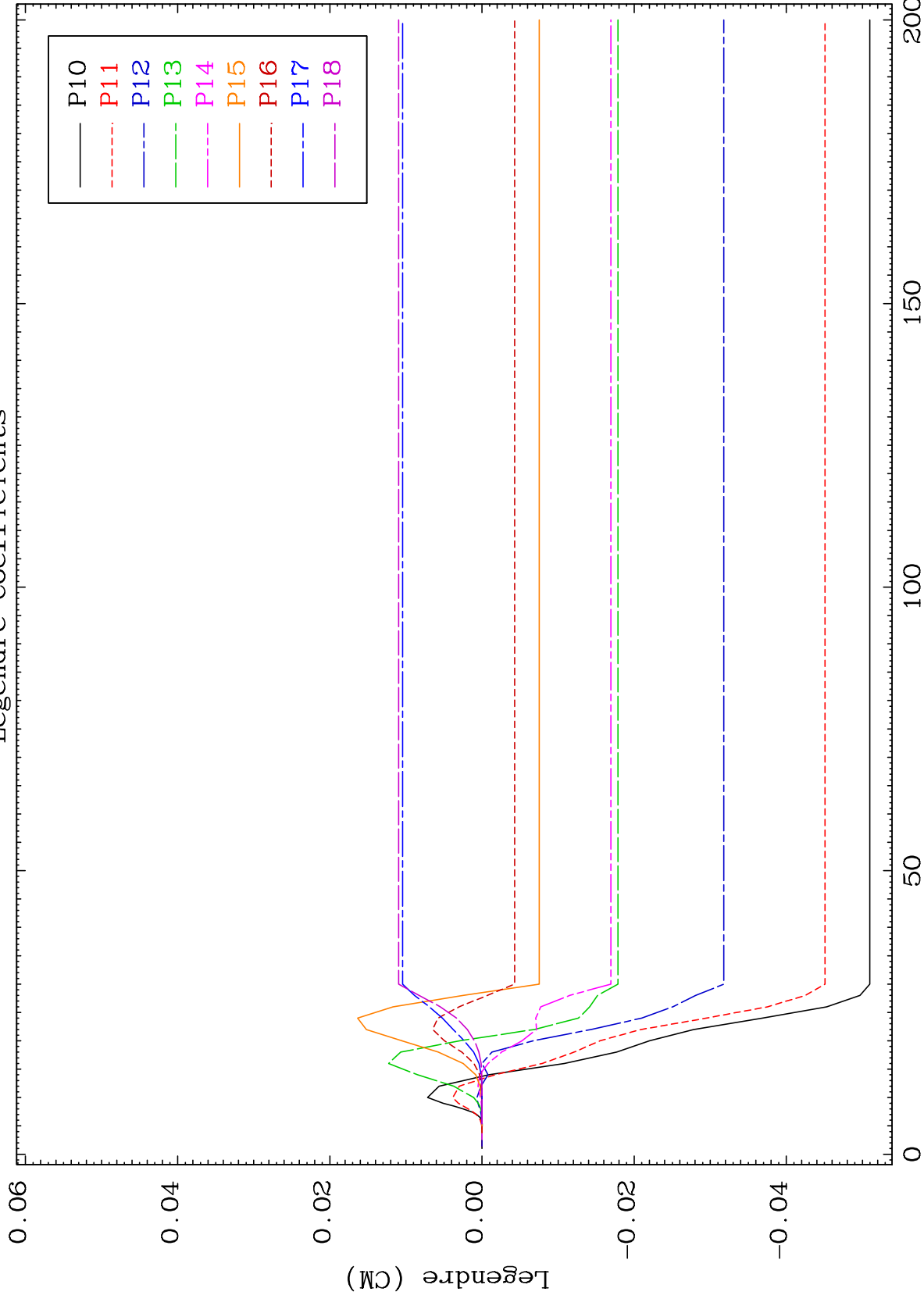
64

54-Xe-117

MAT 5404

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

54-Xe-117



65

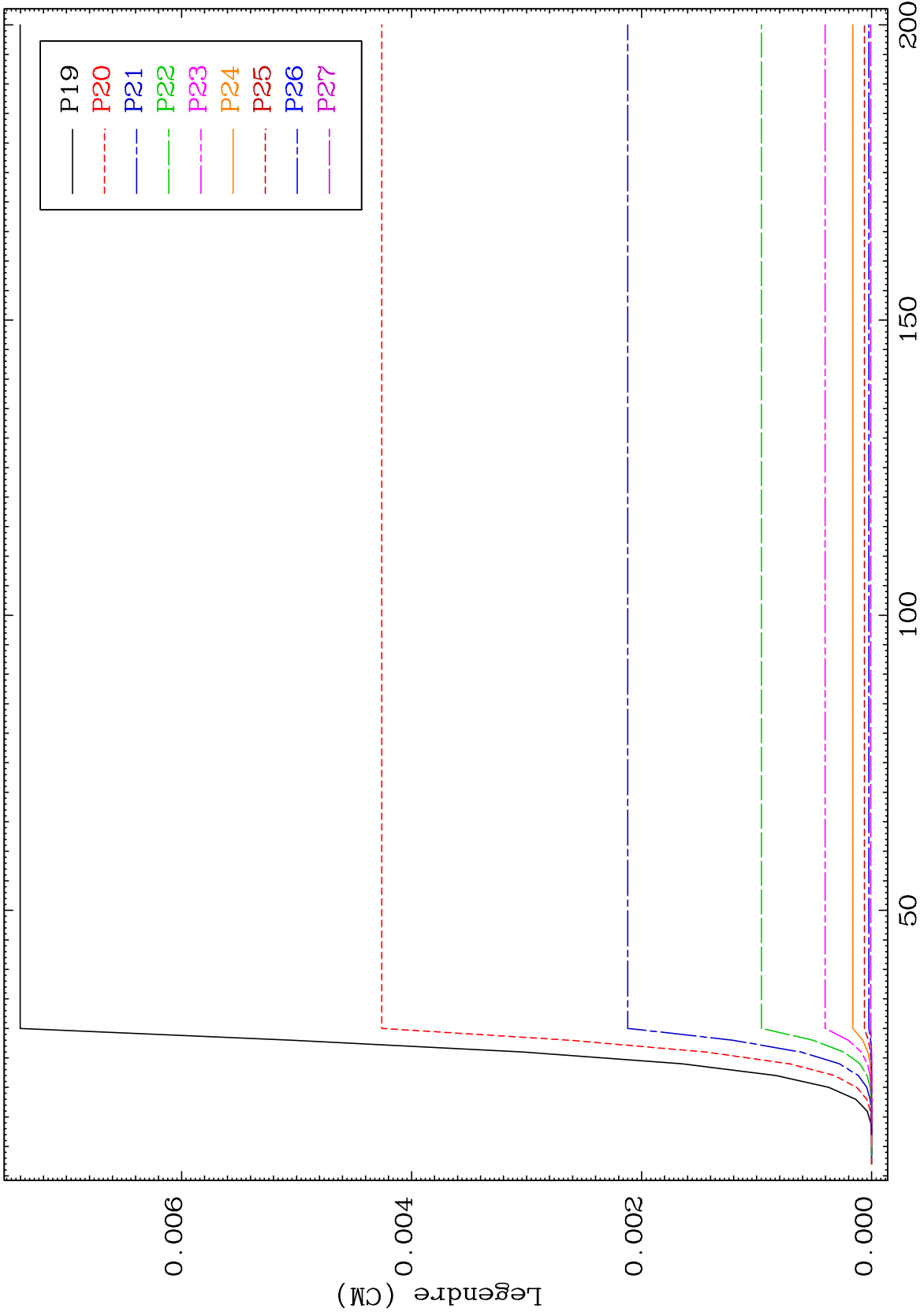
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



66

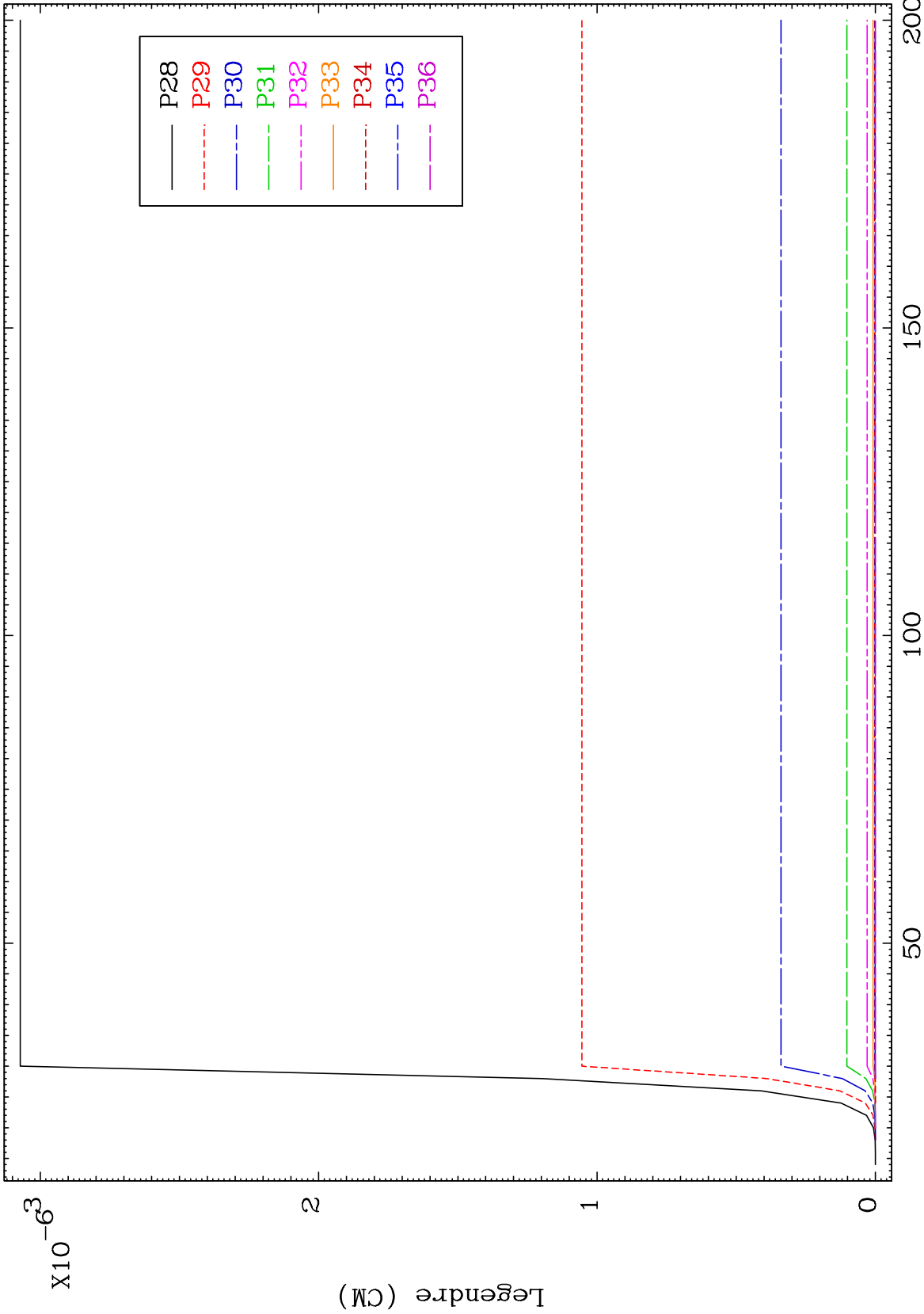
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



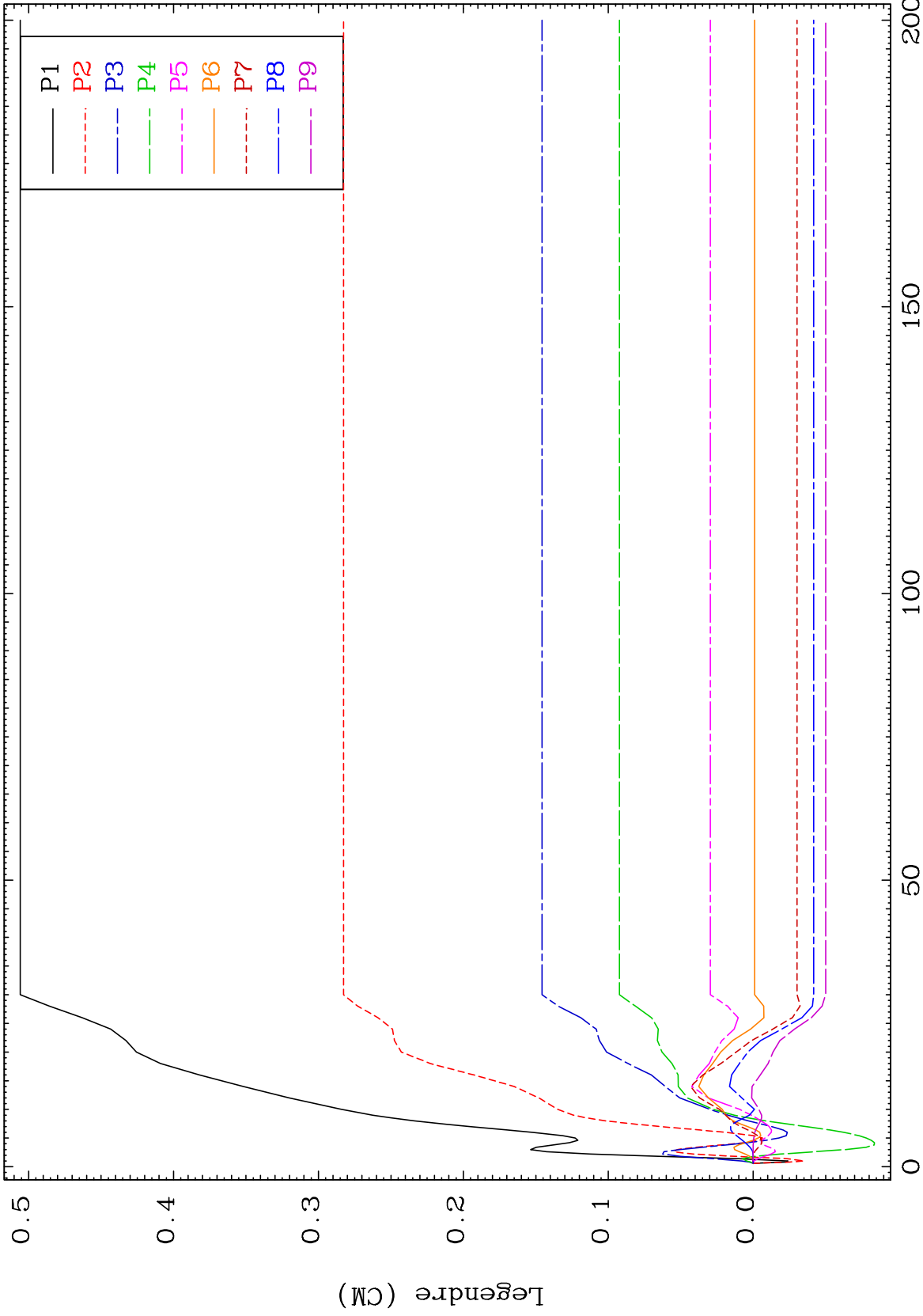
67

54-Xe-117

MAT 5404

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

54-Xe-117



68

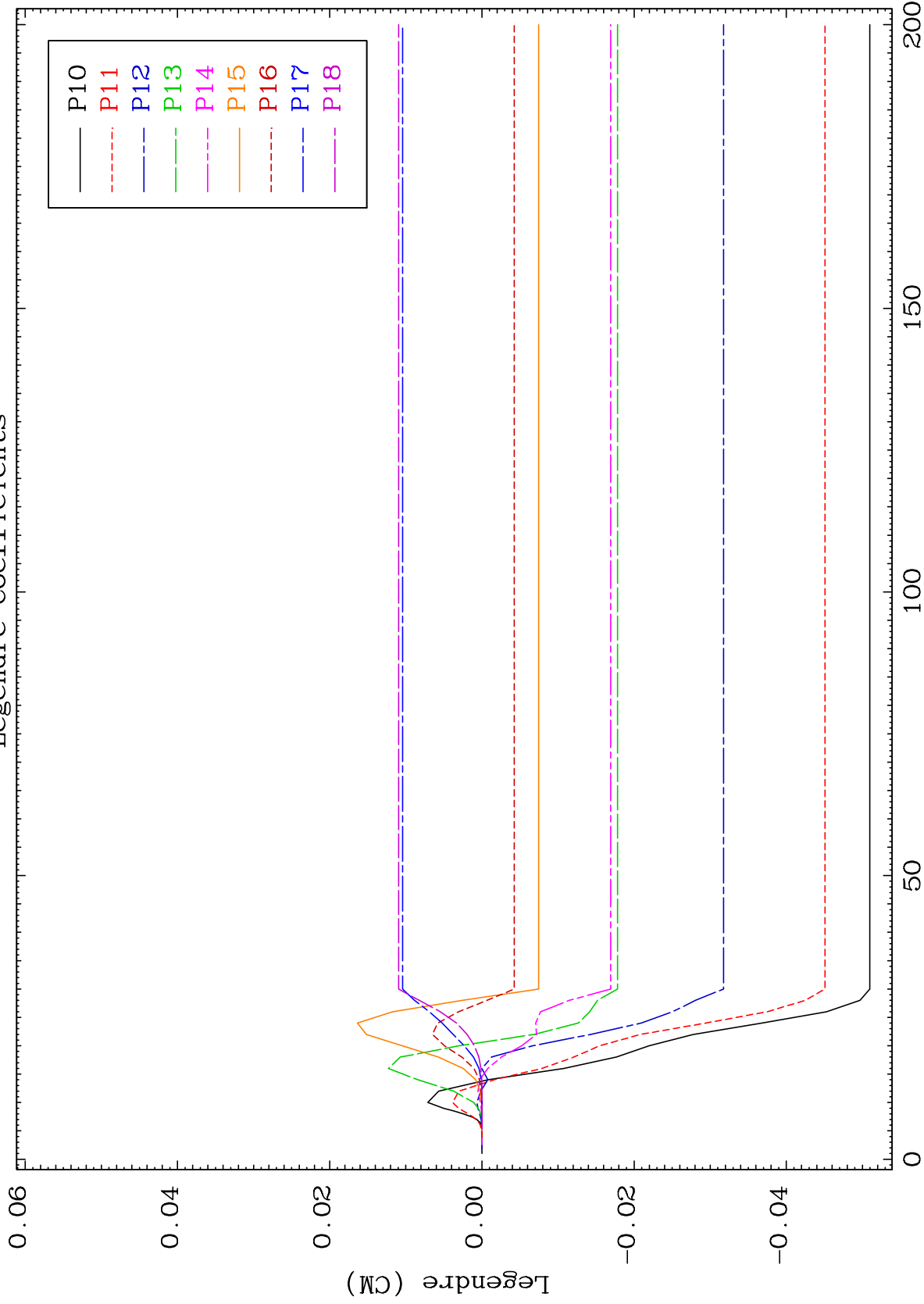
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



69

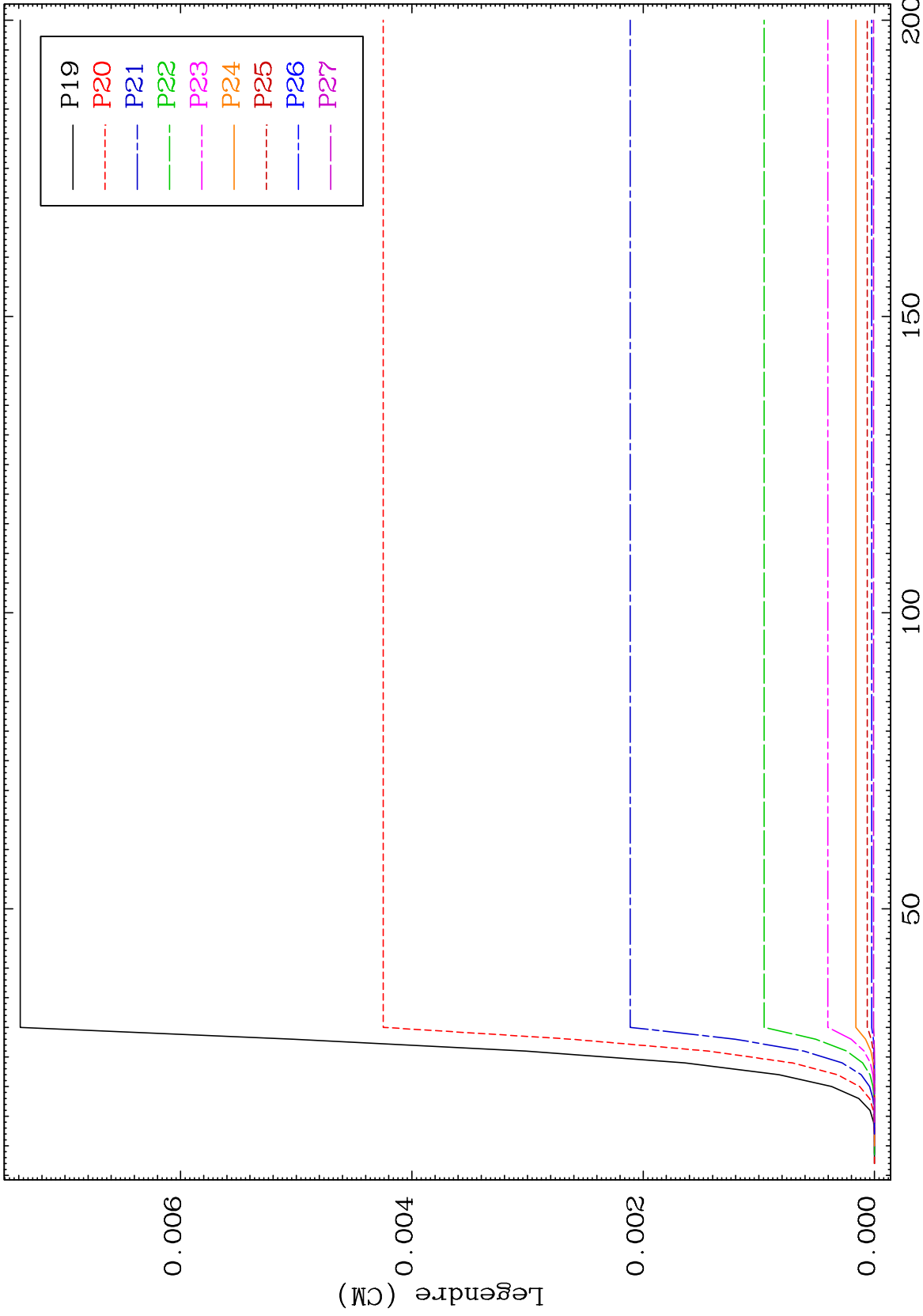
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



70

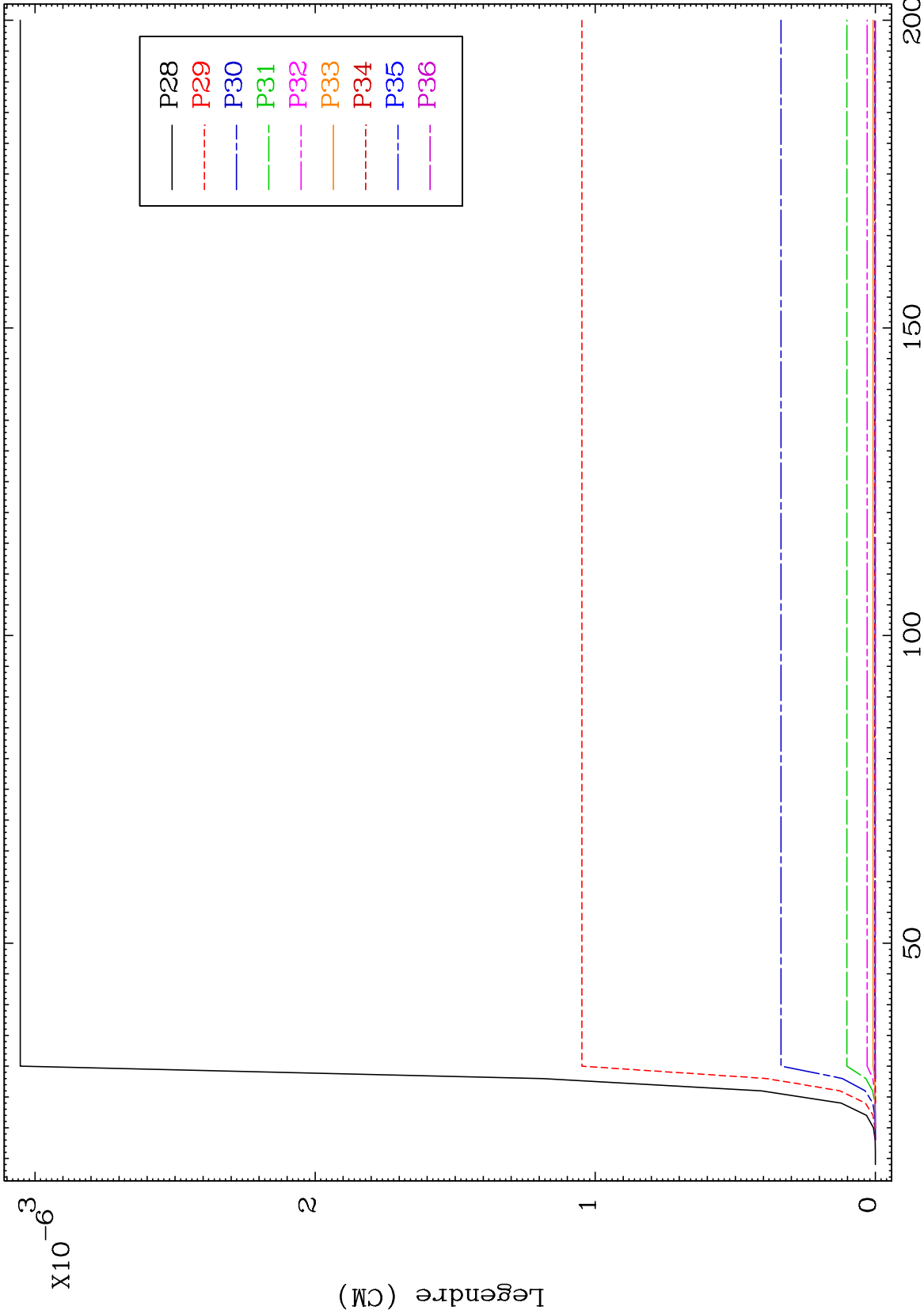
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



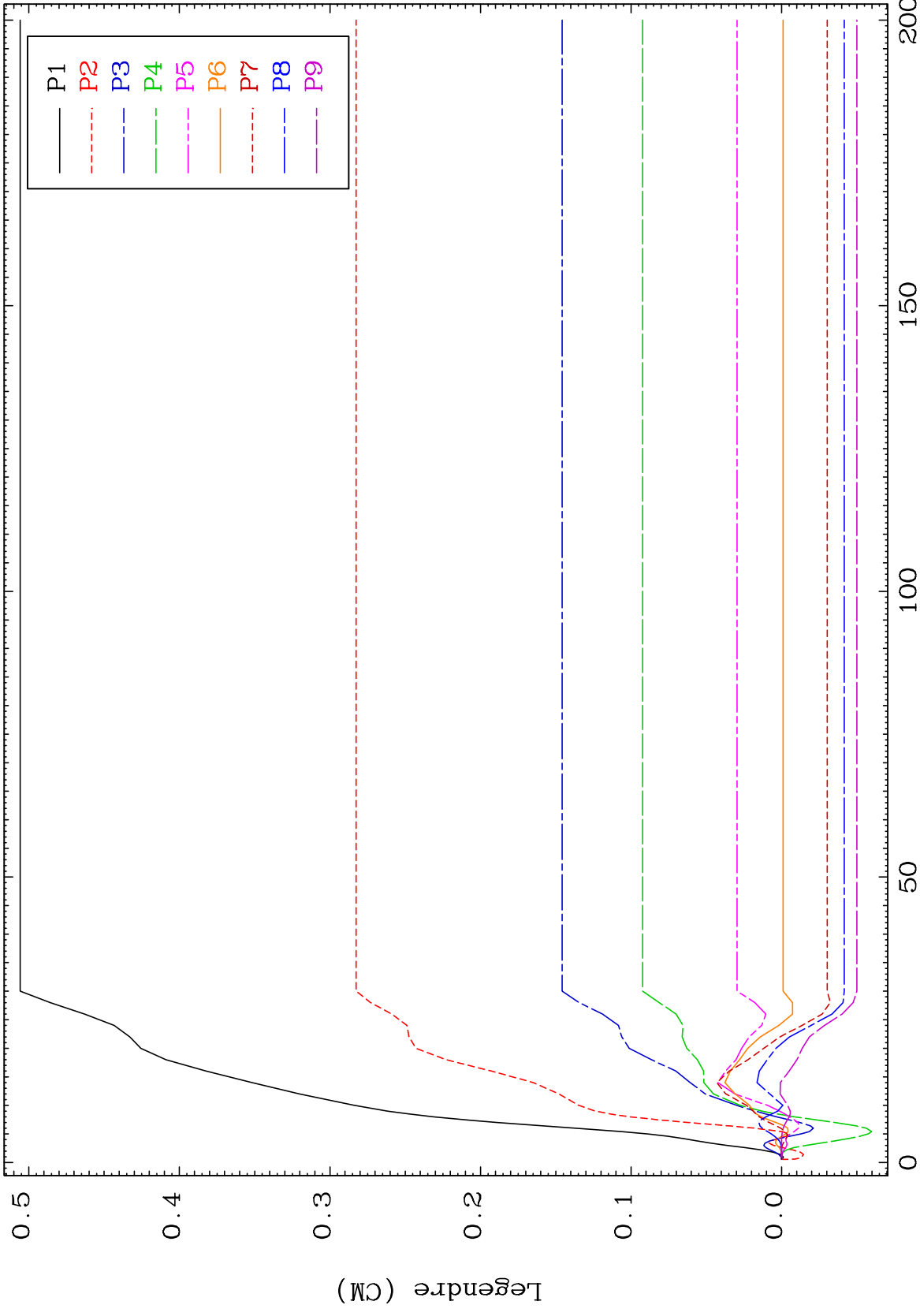
71

54-Xe-117

MAT 5404

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

54-Xe-117



72

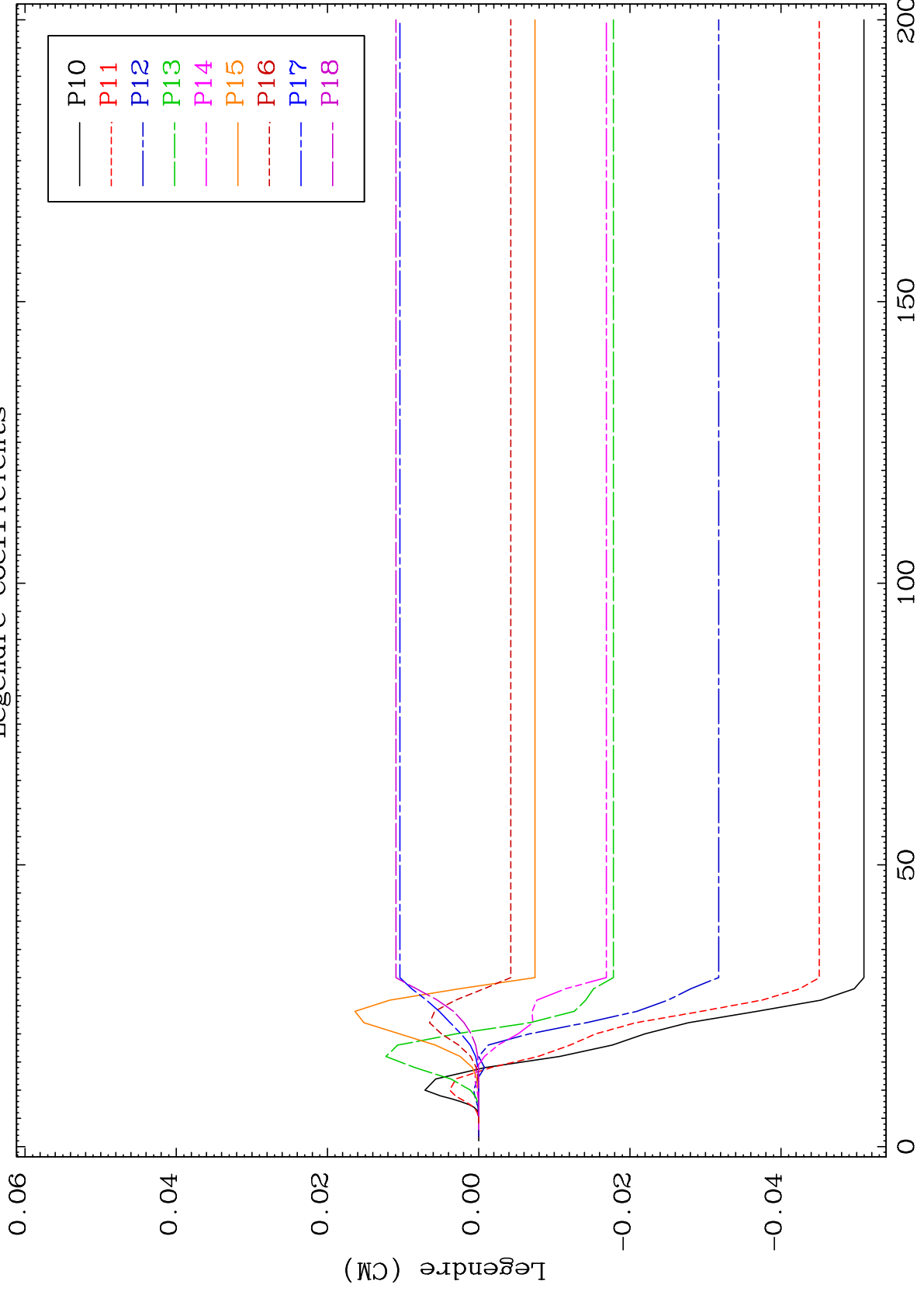
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



73

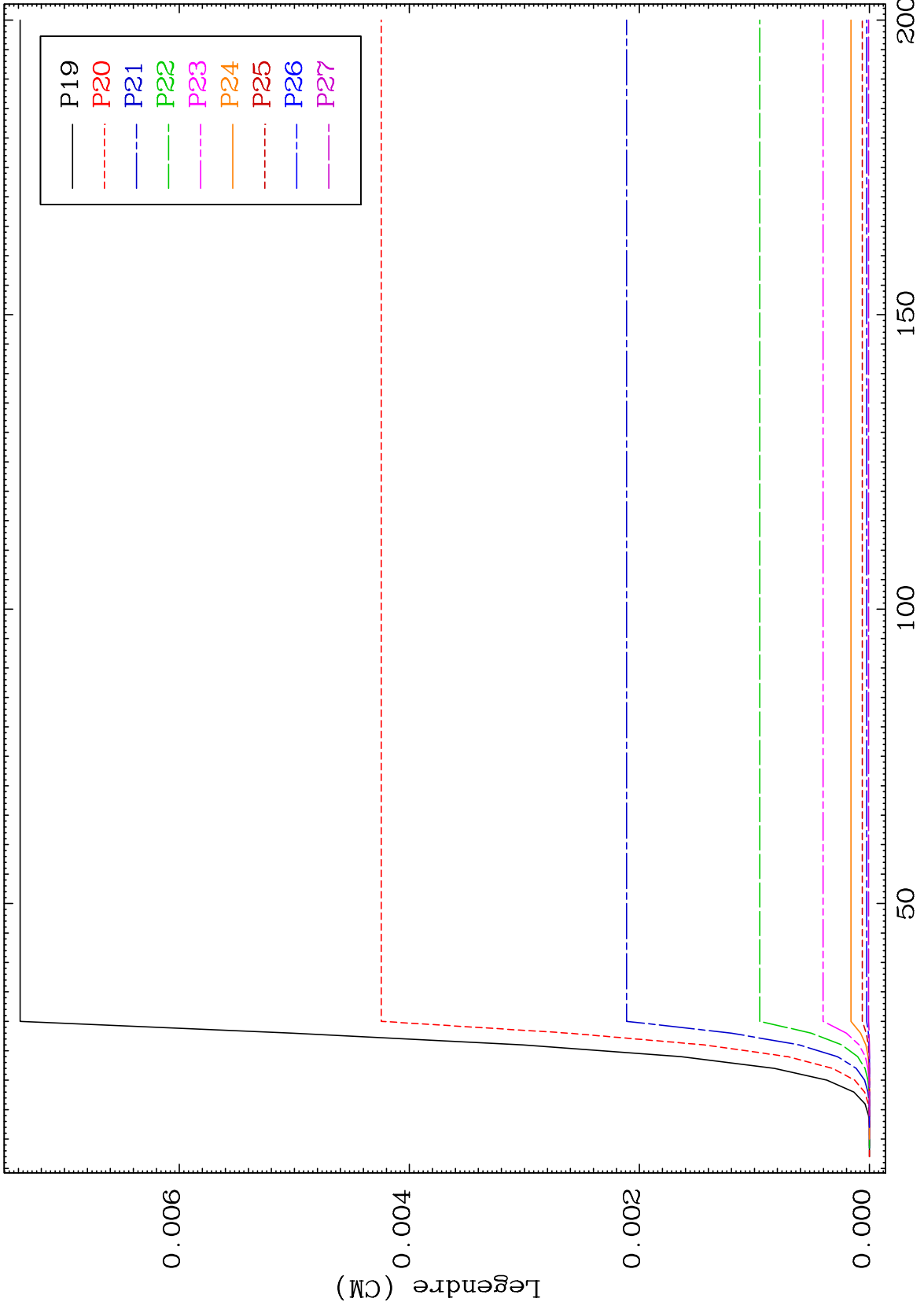
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



74

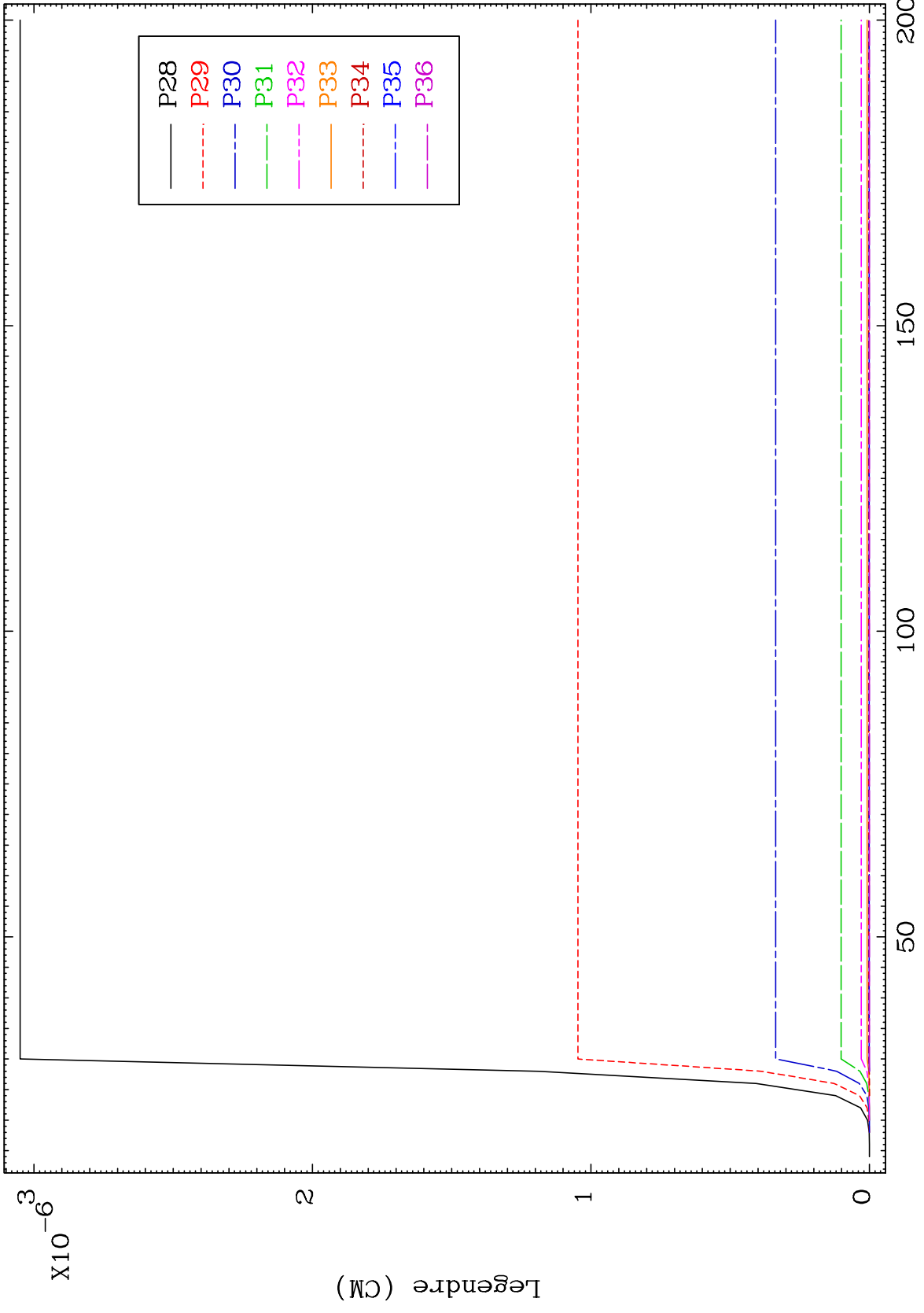
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



75

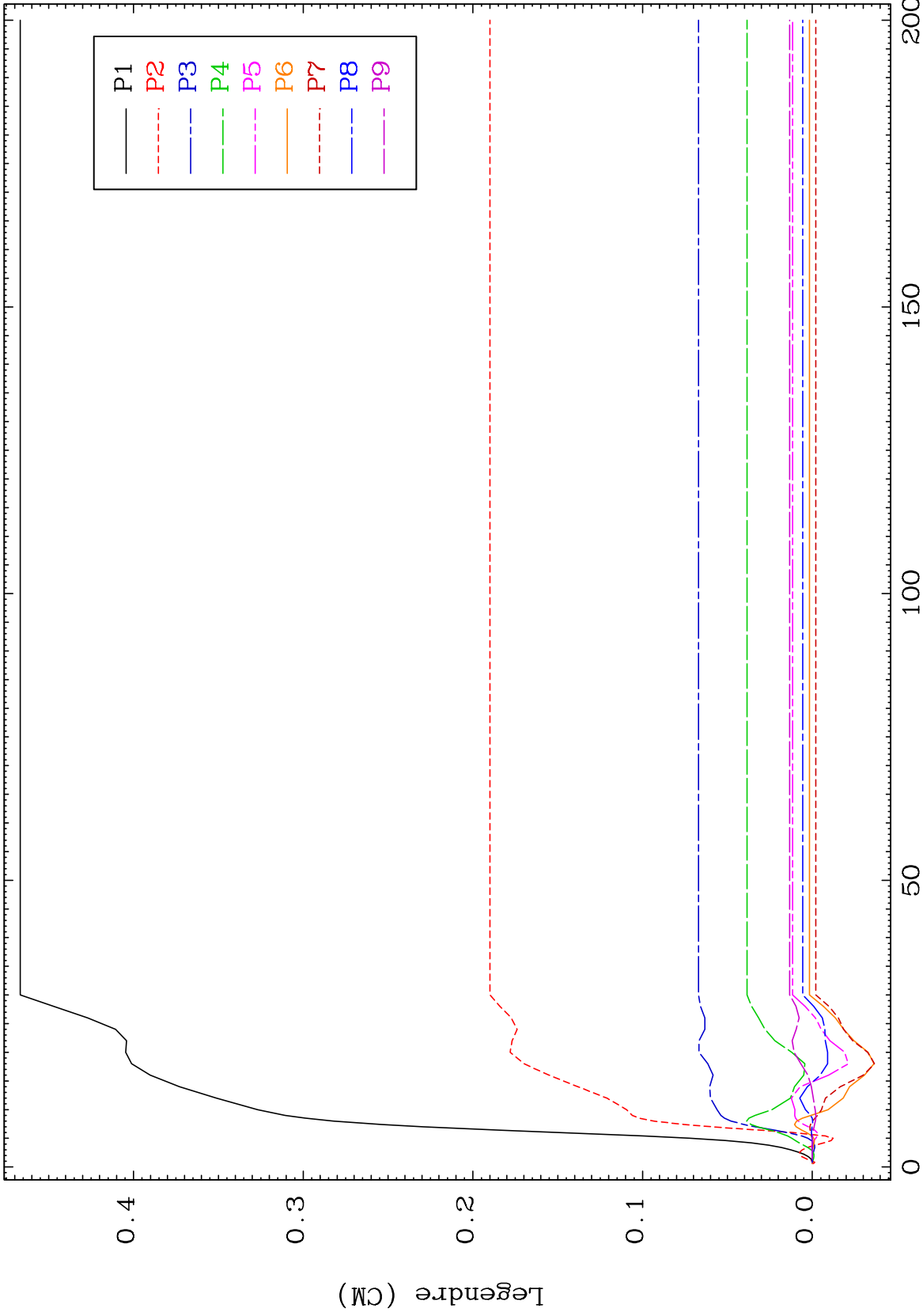
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



76

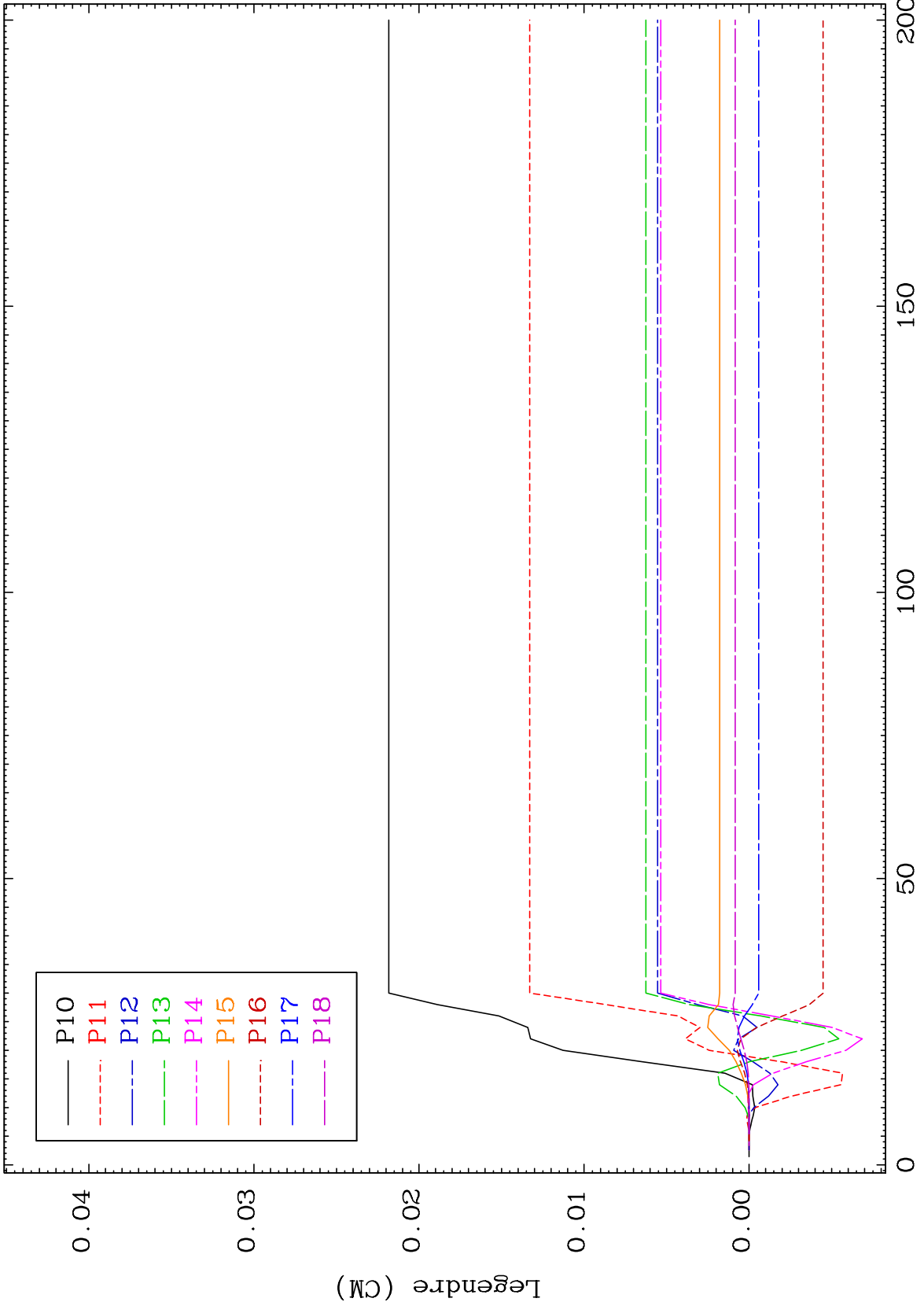
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



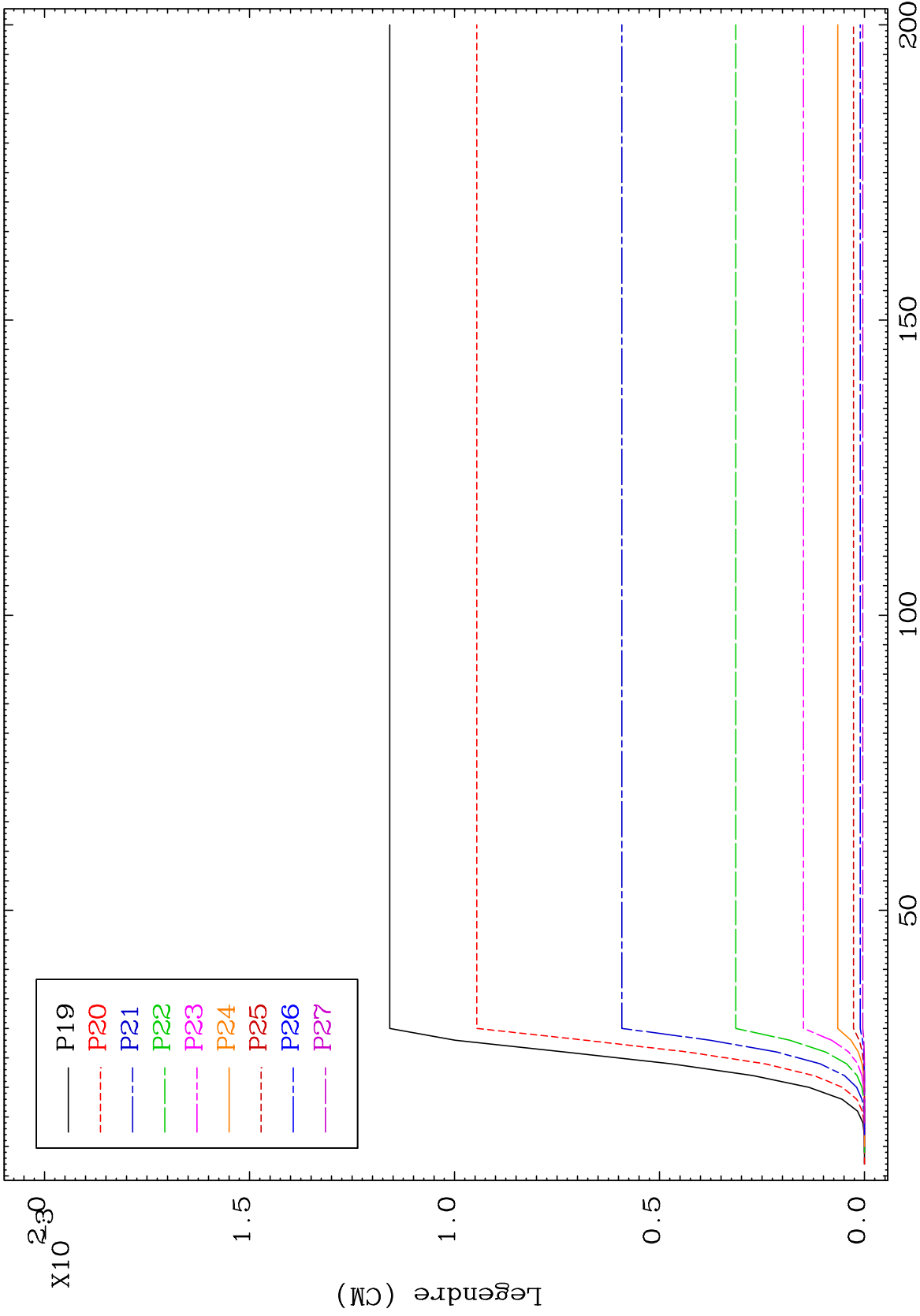
77

54-Xe-117

MAT 5404

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

54-Xe-117



78

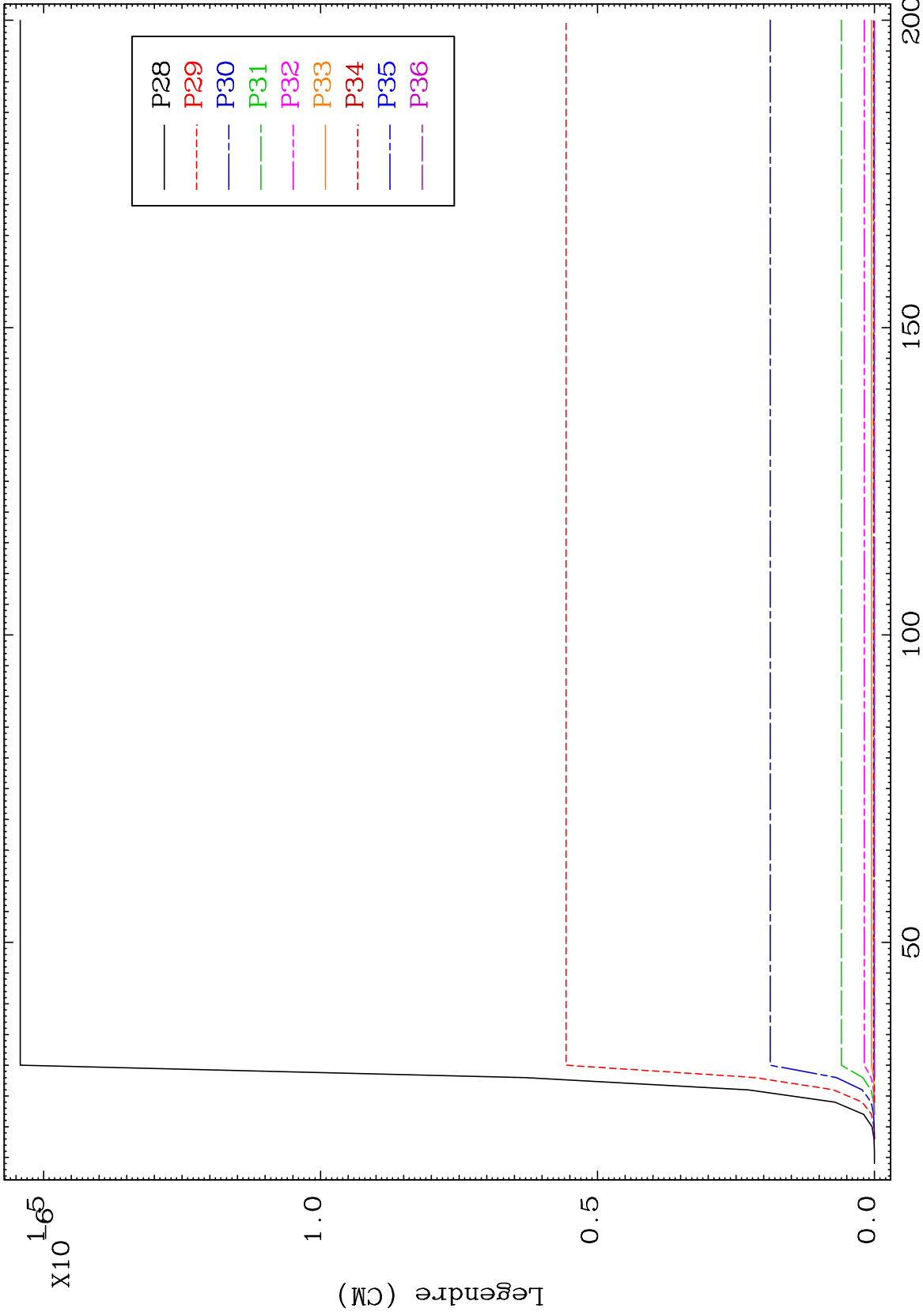
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



79

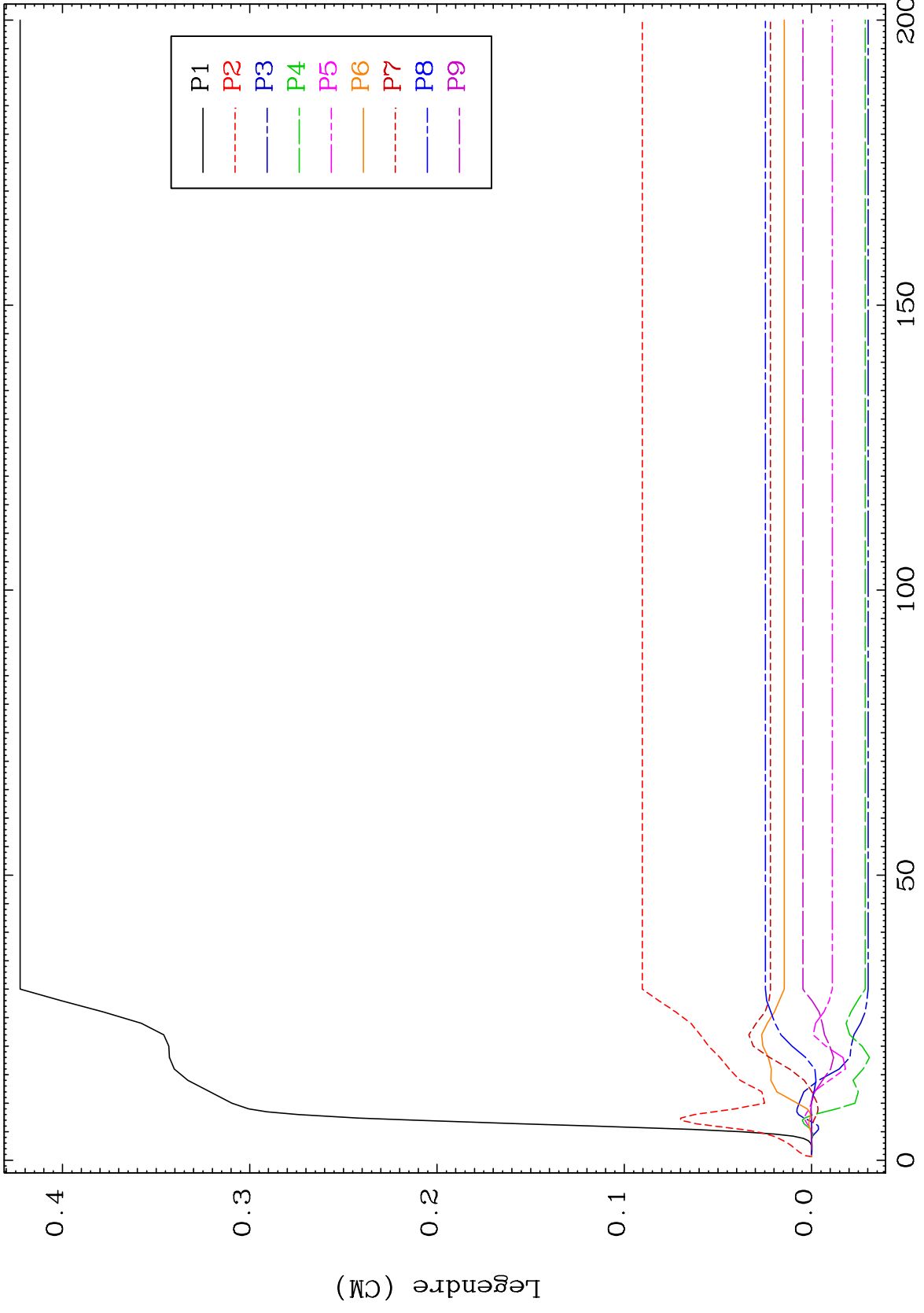
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



80

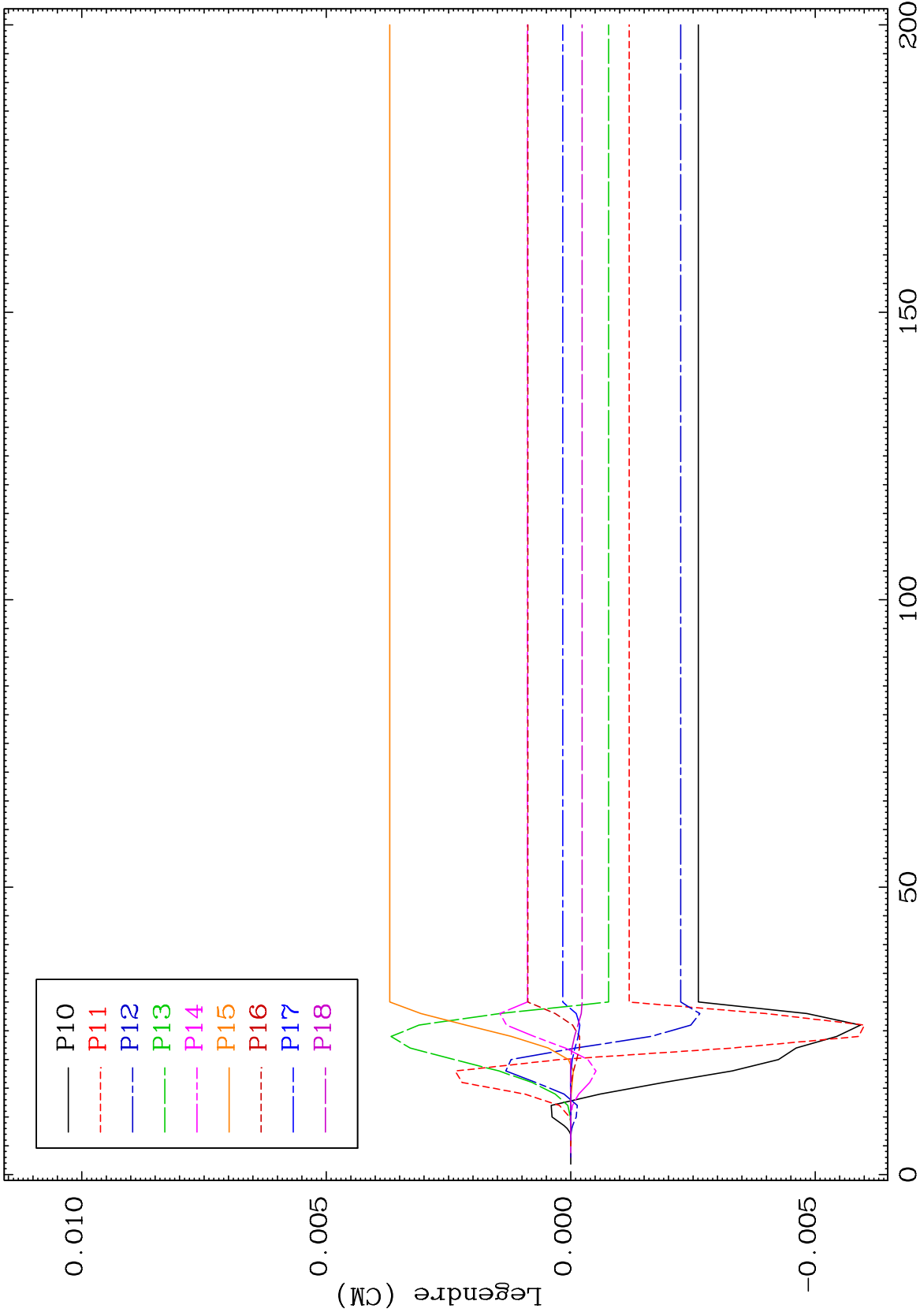
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



81

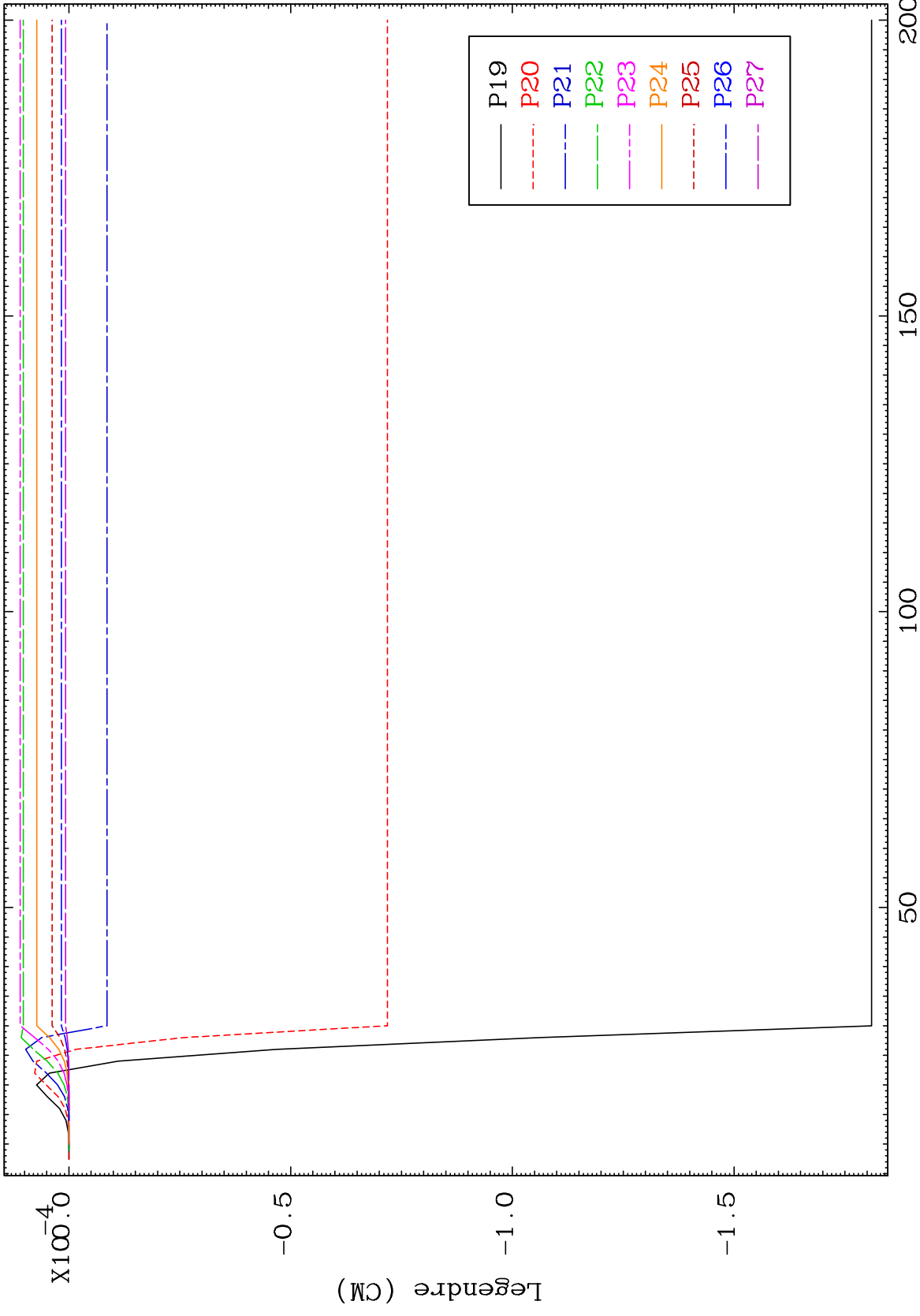
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

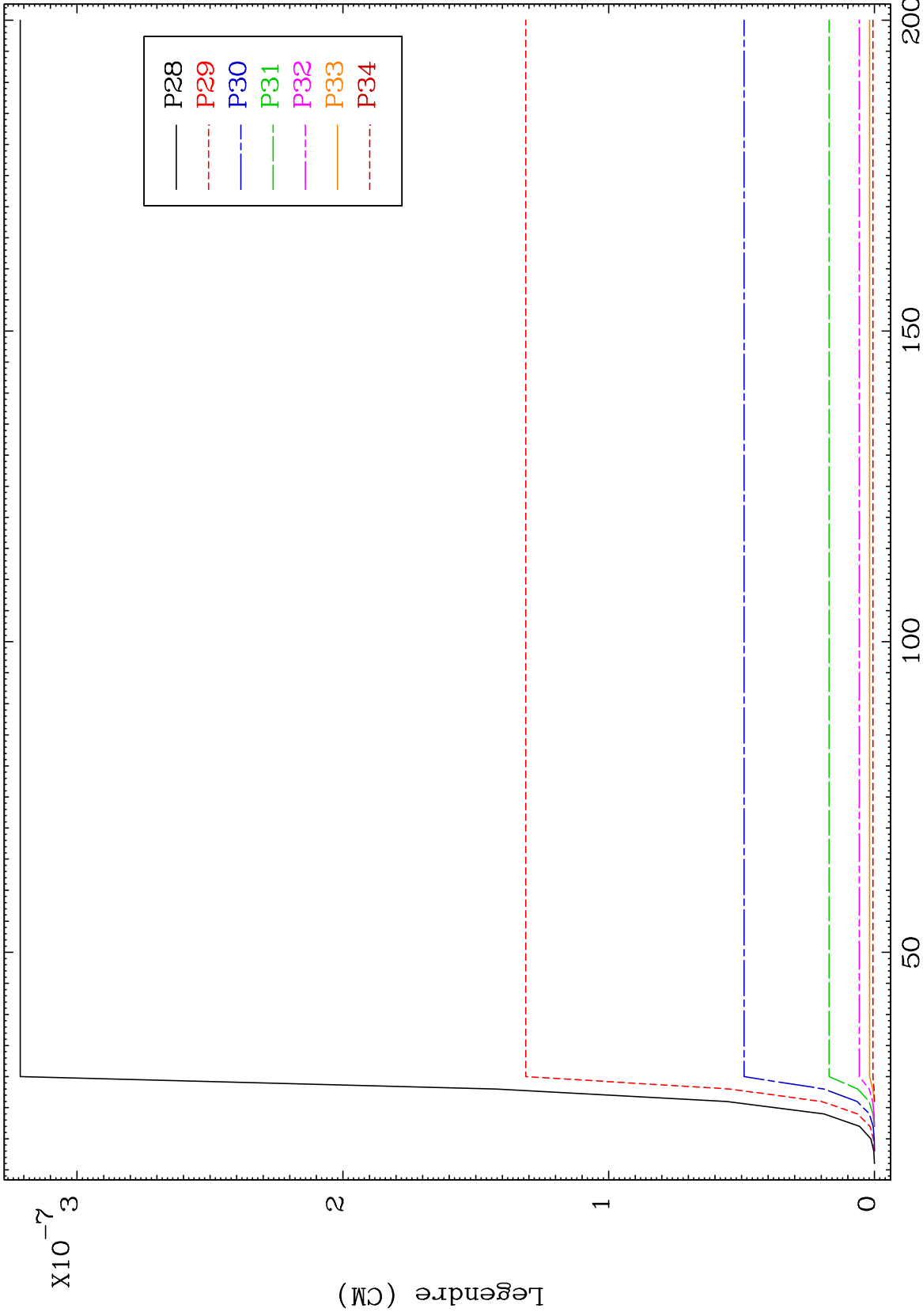
Incident Energy (MeV)

82

MAT 5404

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

54-Xe-117



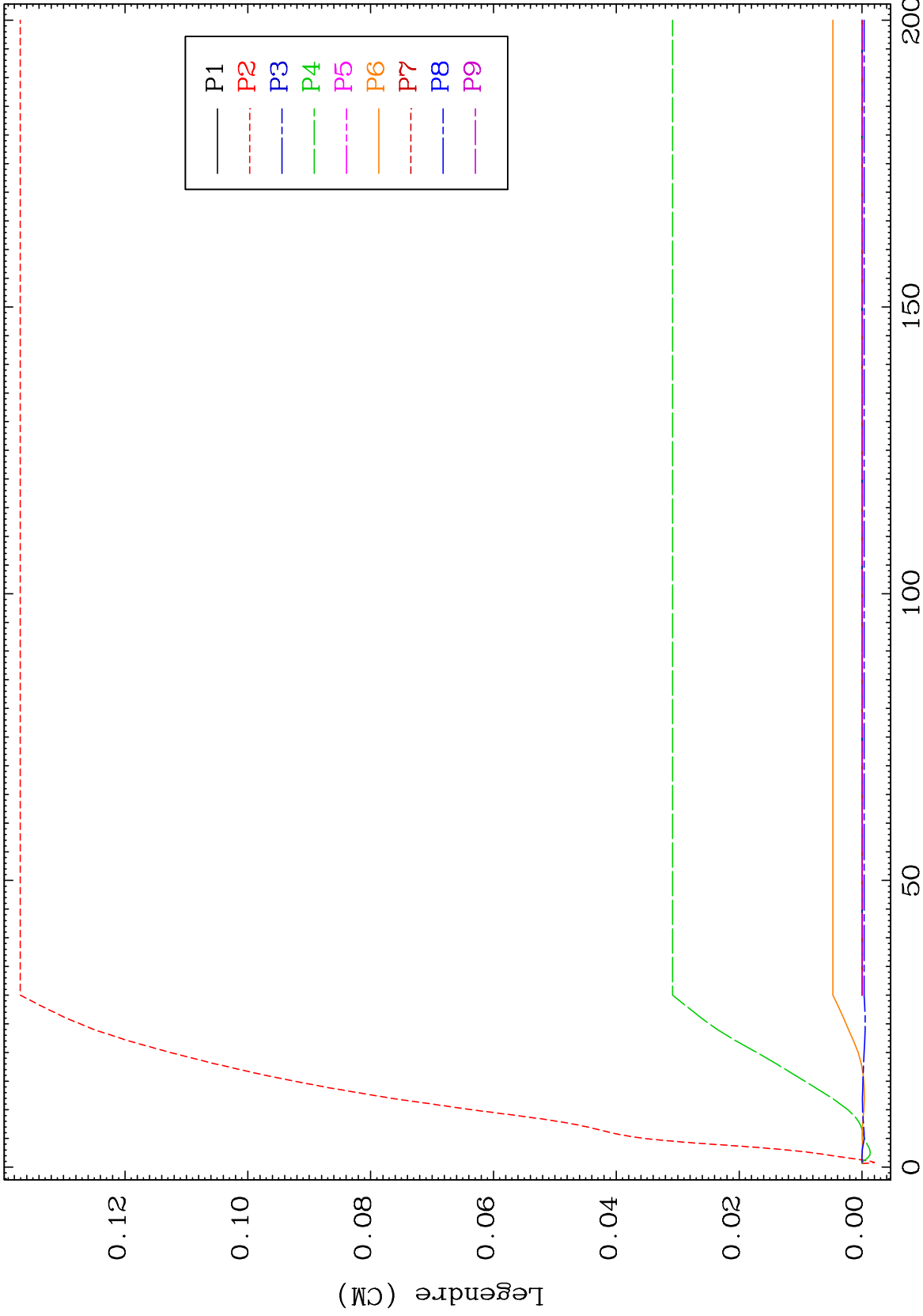
83

54-Xe-117

MAT 5404

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

54-Xe-117



84

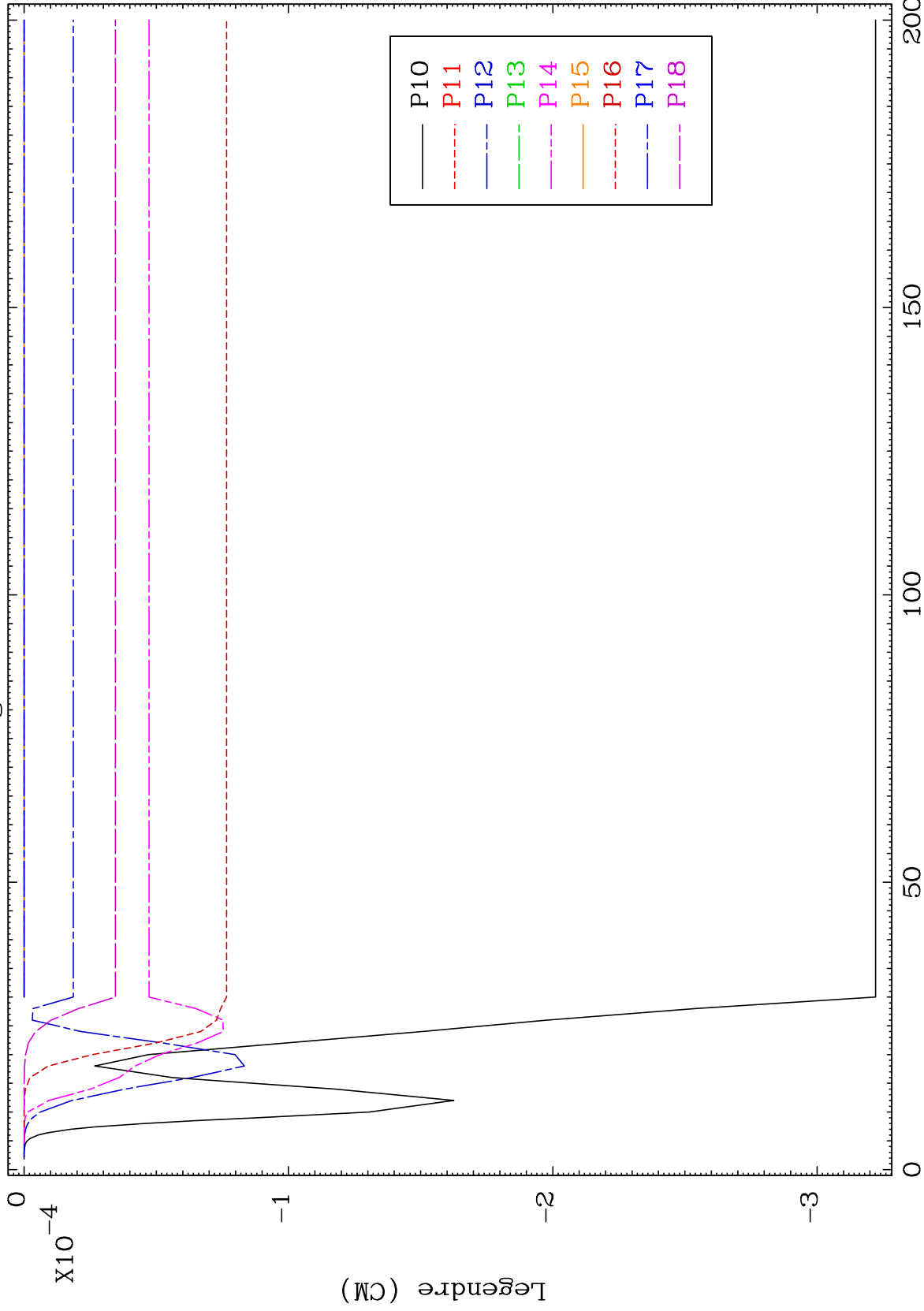
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



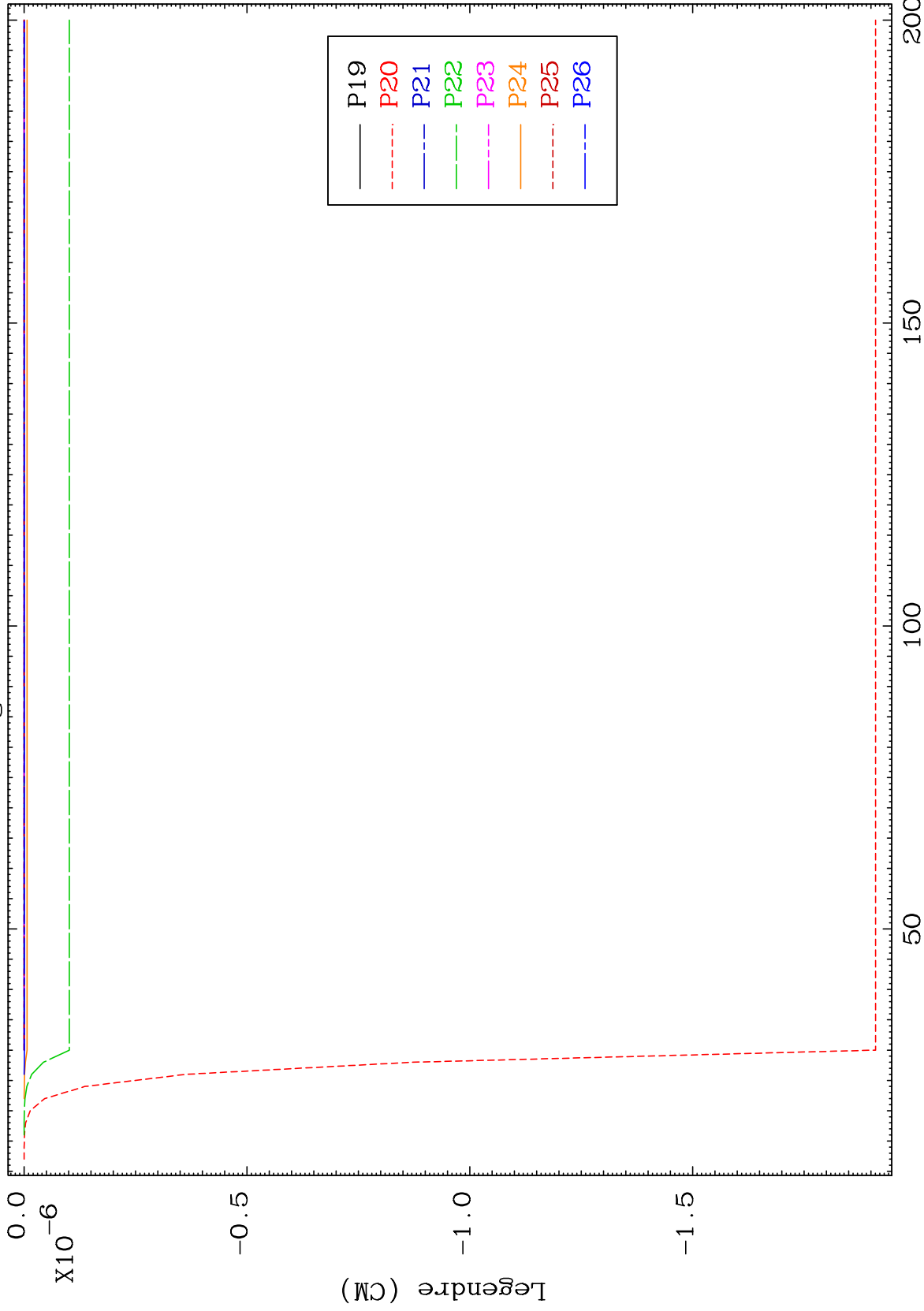
85

54-Xe-117

MAT 5404

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

54-Xe-117



86

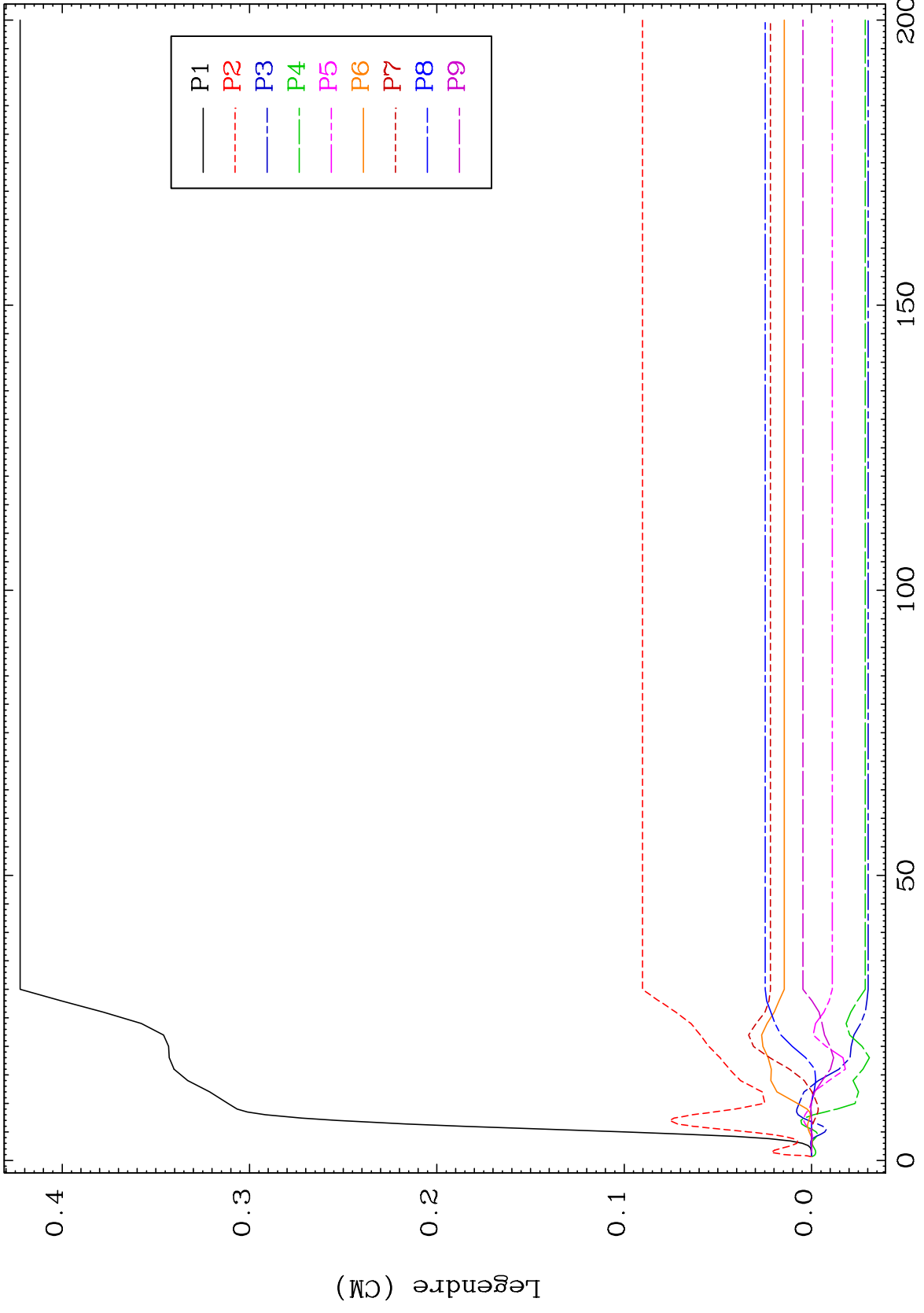
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



87

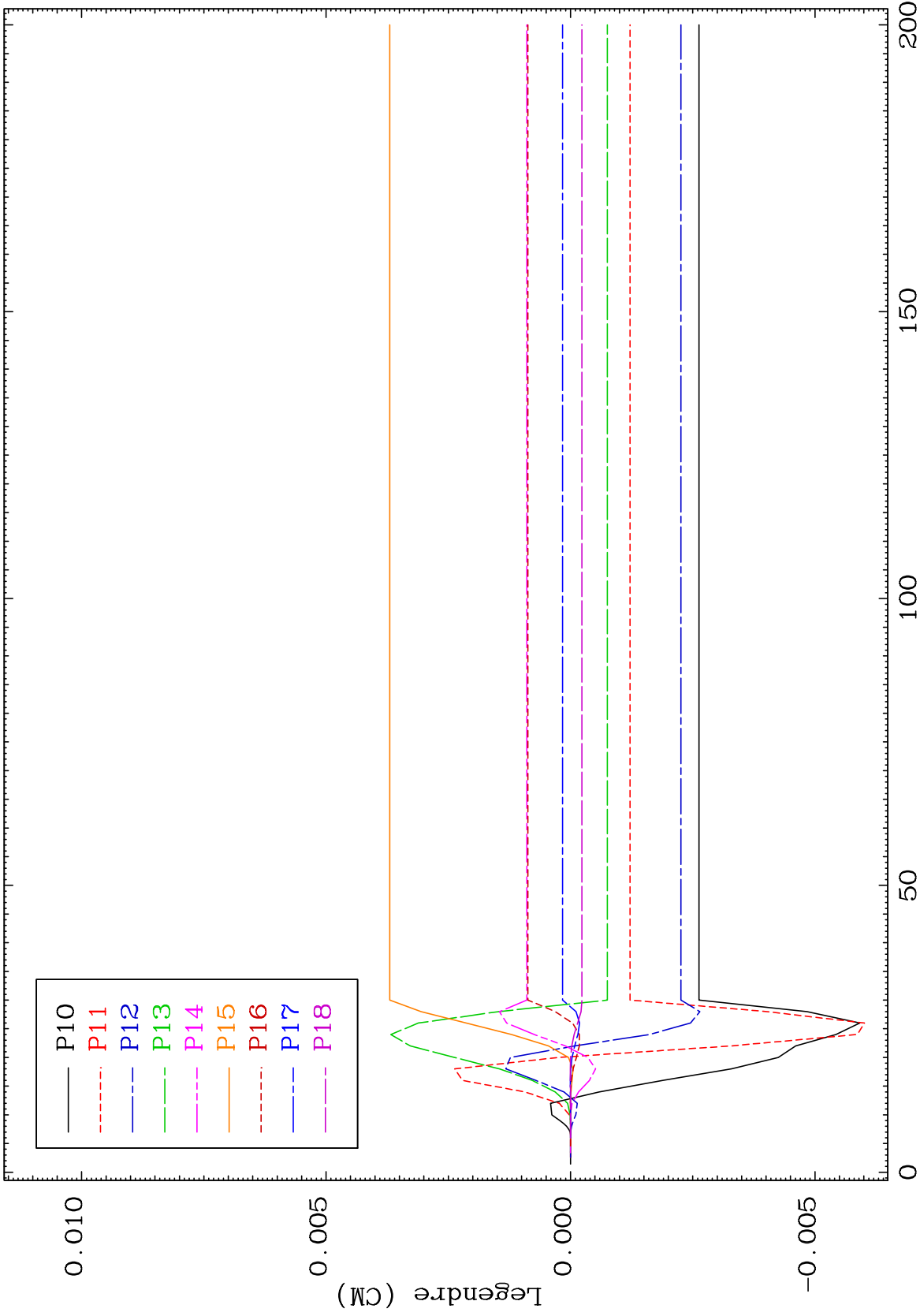
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



88

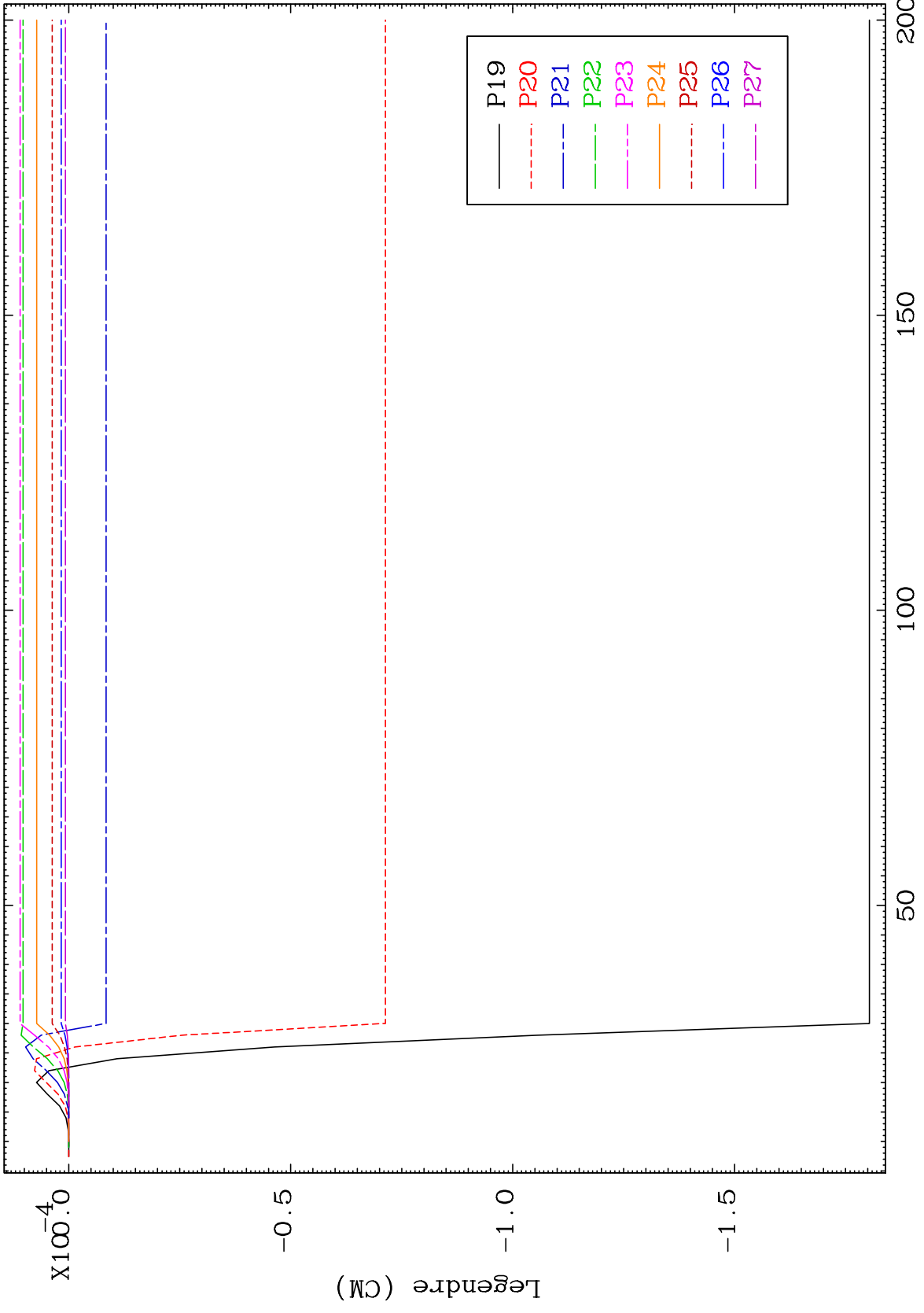
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

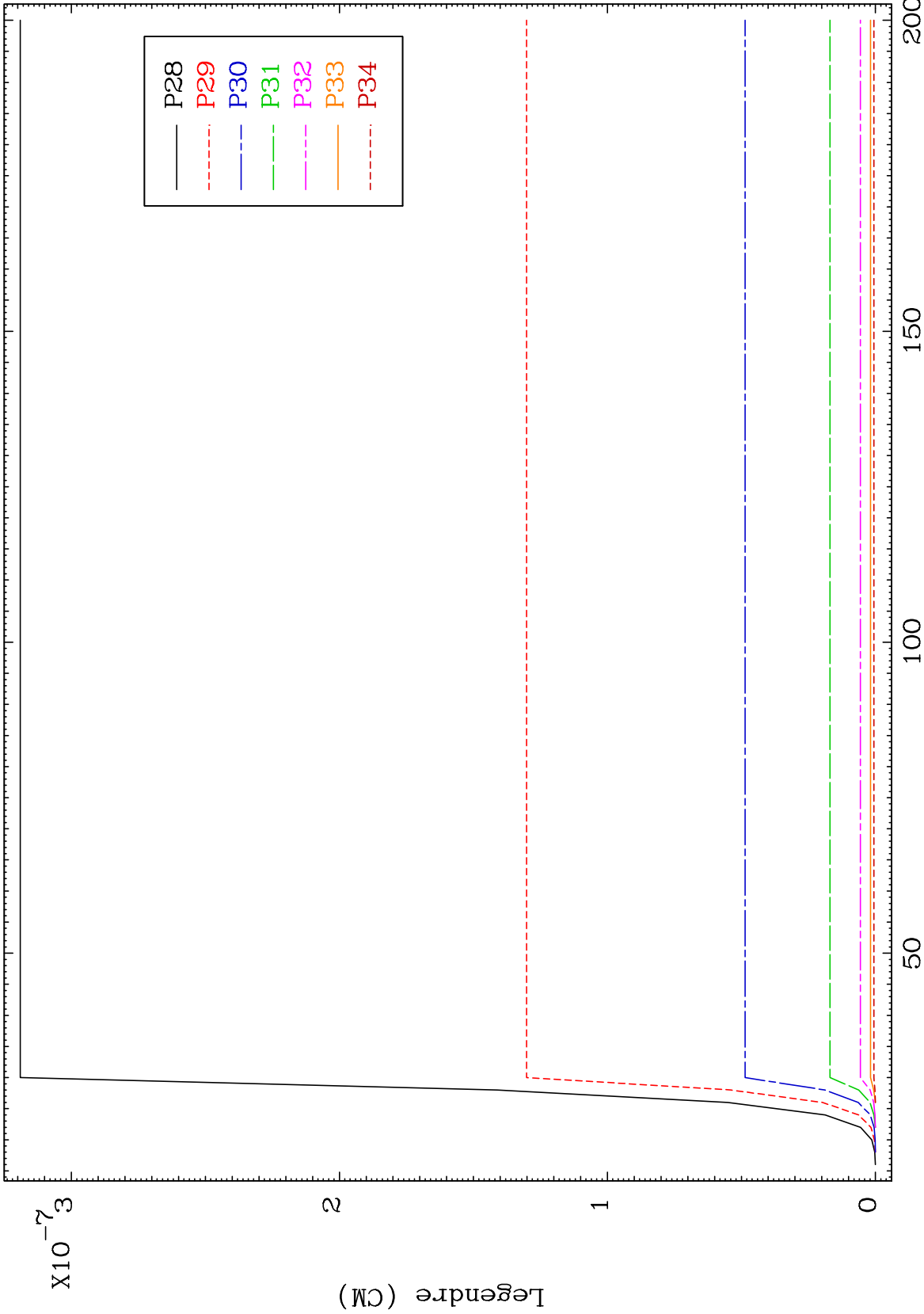
Incident Energy (MeV)

89

MAT 5404

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

54-Xe-117



90

Incident Energy (MeV)

50

100

150

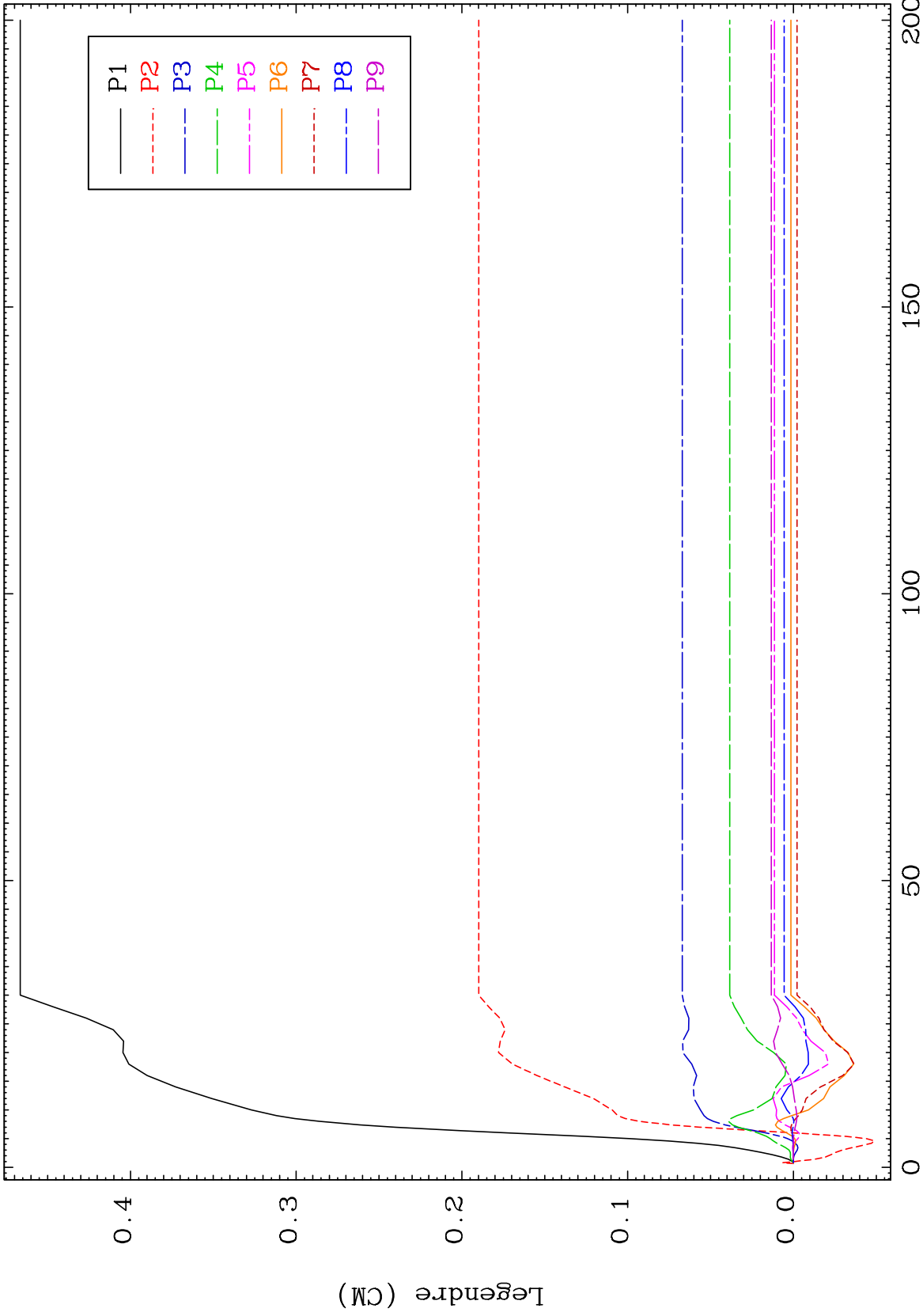
200

54-Xe-117

MAT 5404

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

54-Xe-117



91

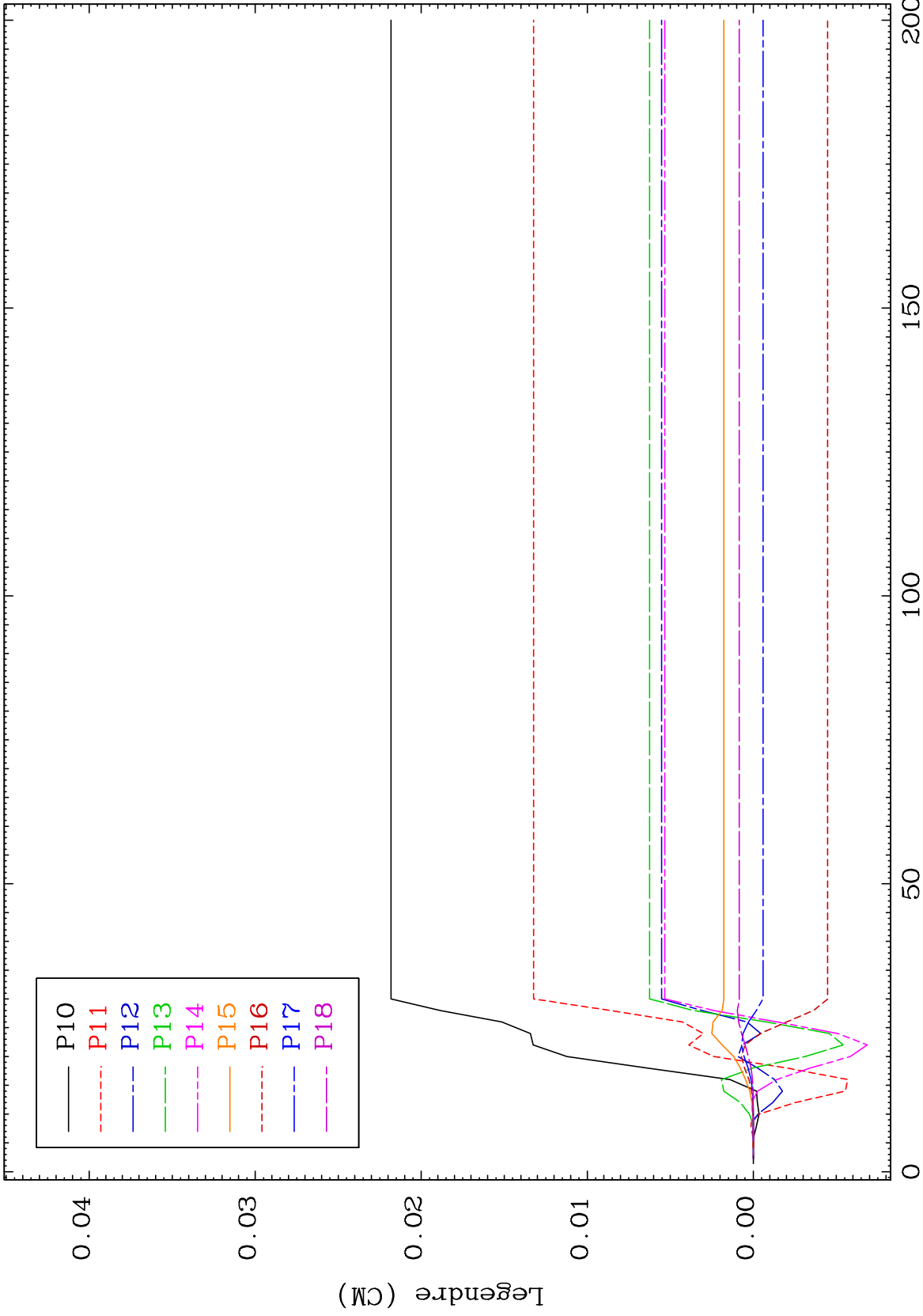
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

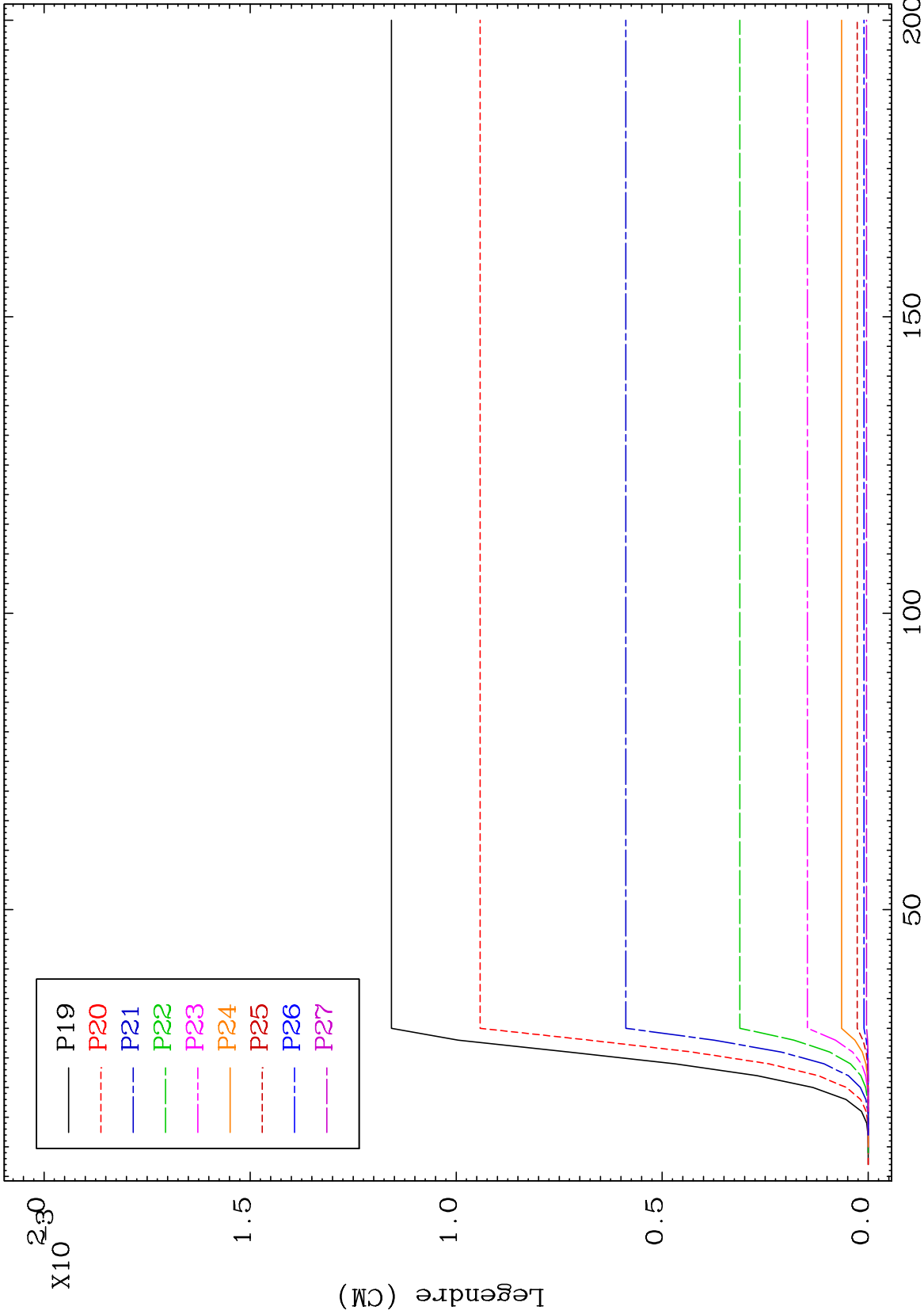
54-Xe-117



MAT 5404

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

54-Xe-117



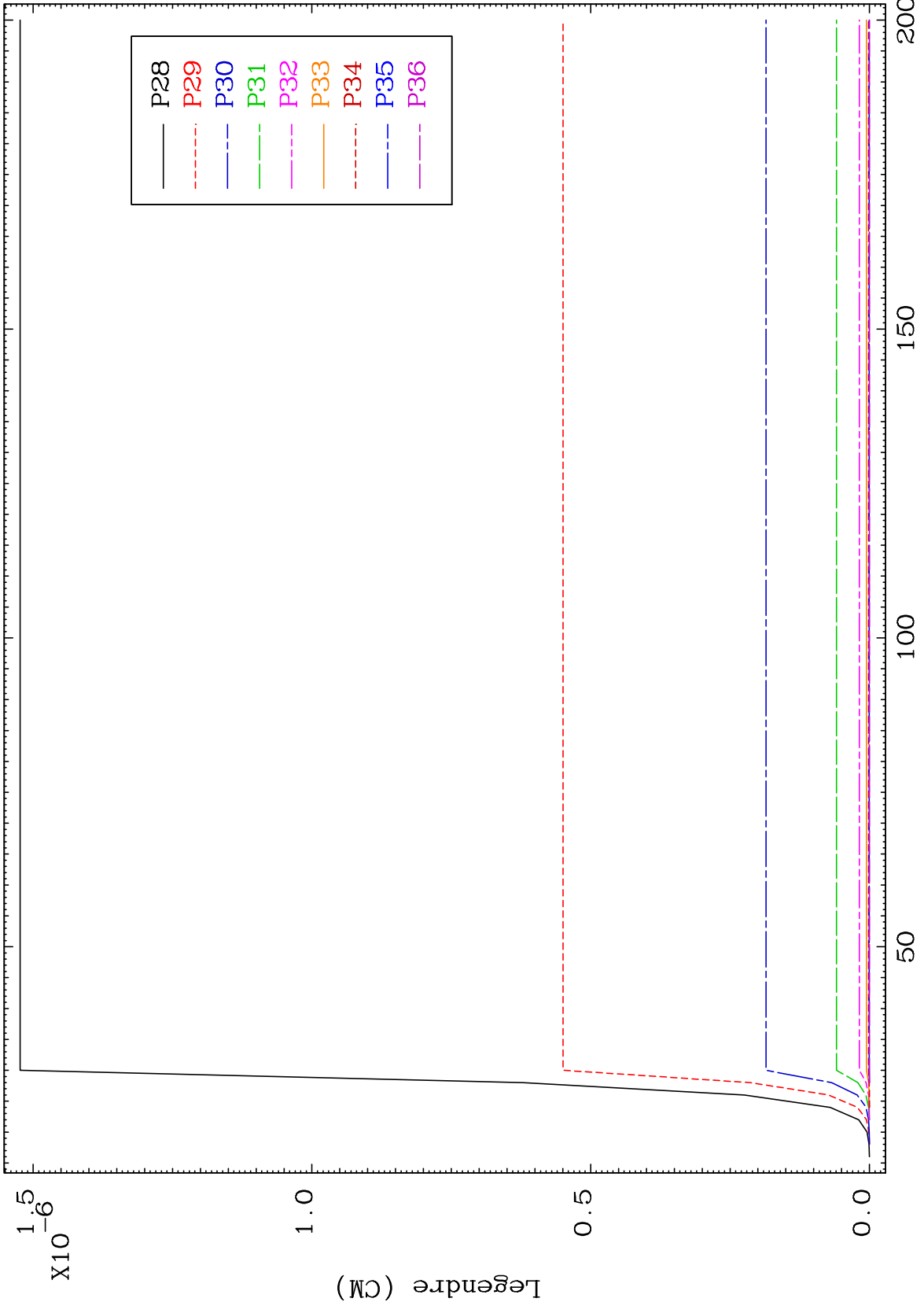
93

54-Xe-117

MAT 5404

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

54-Xe-117



94

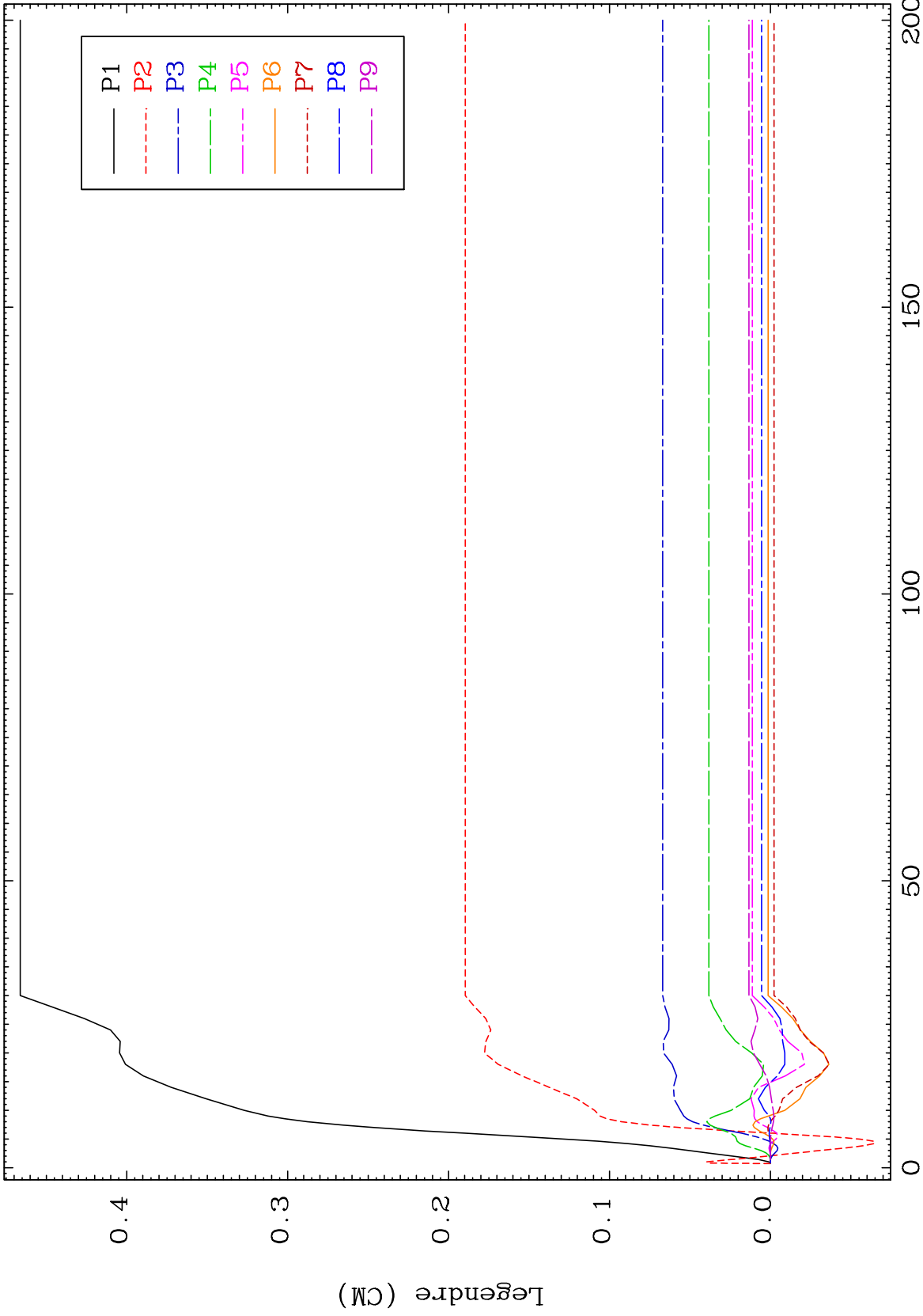
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



95

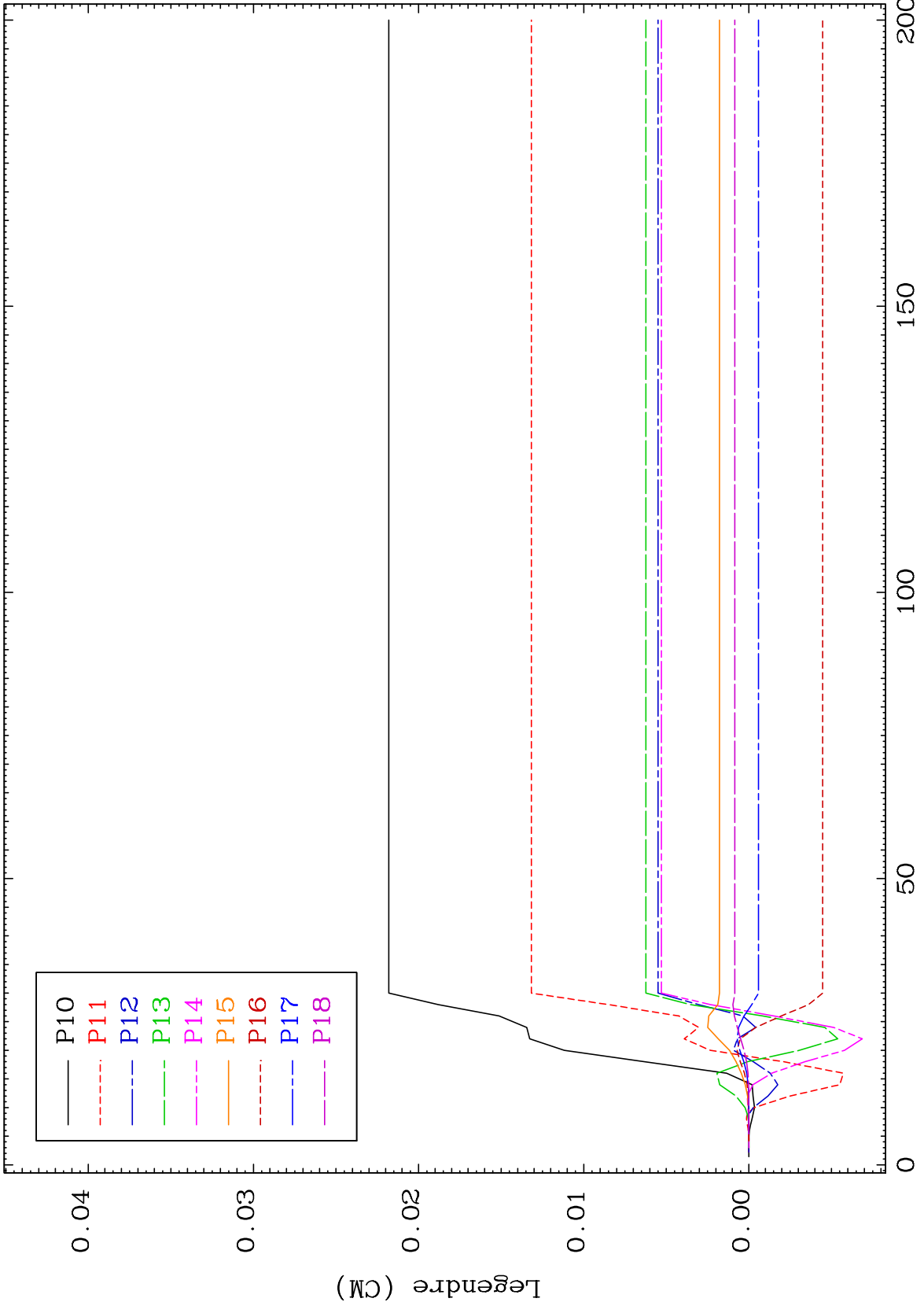
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



96

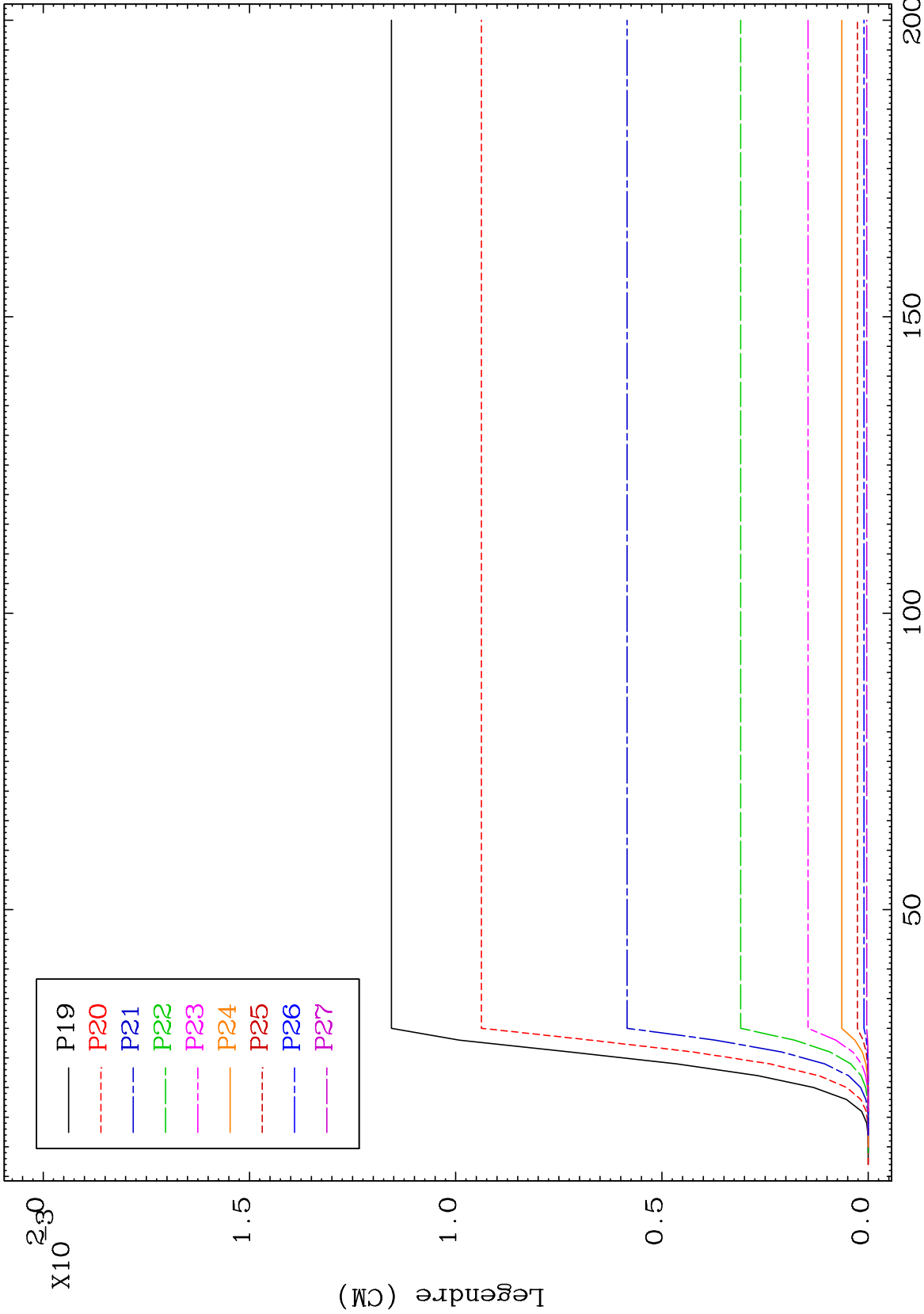
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



97

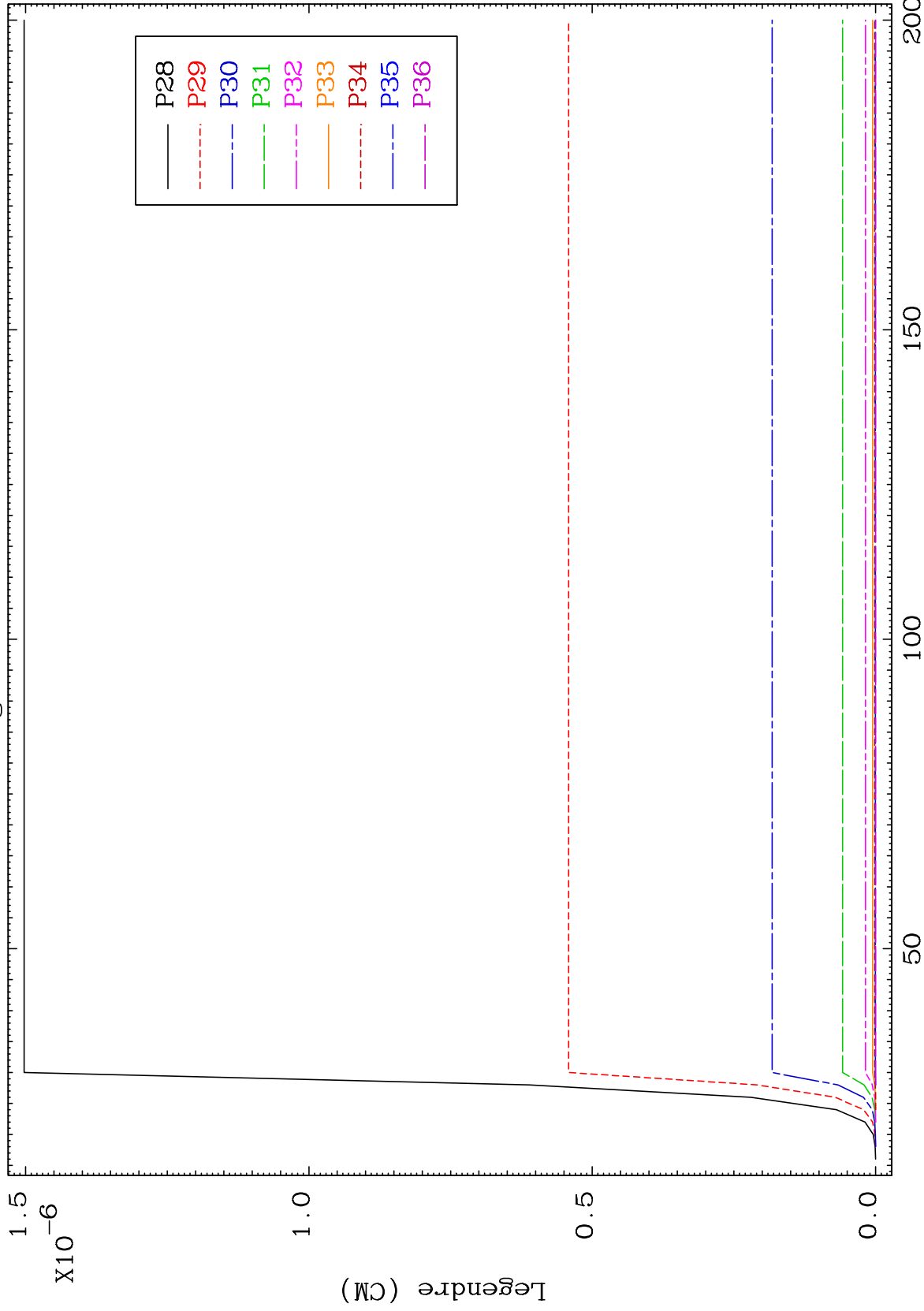
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



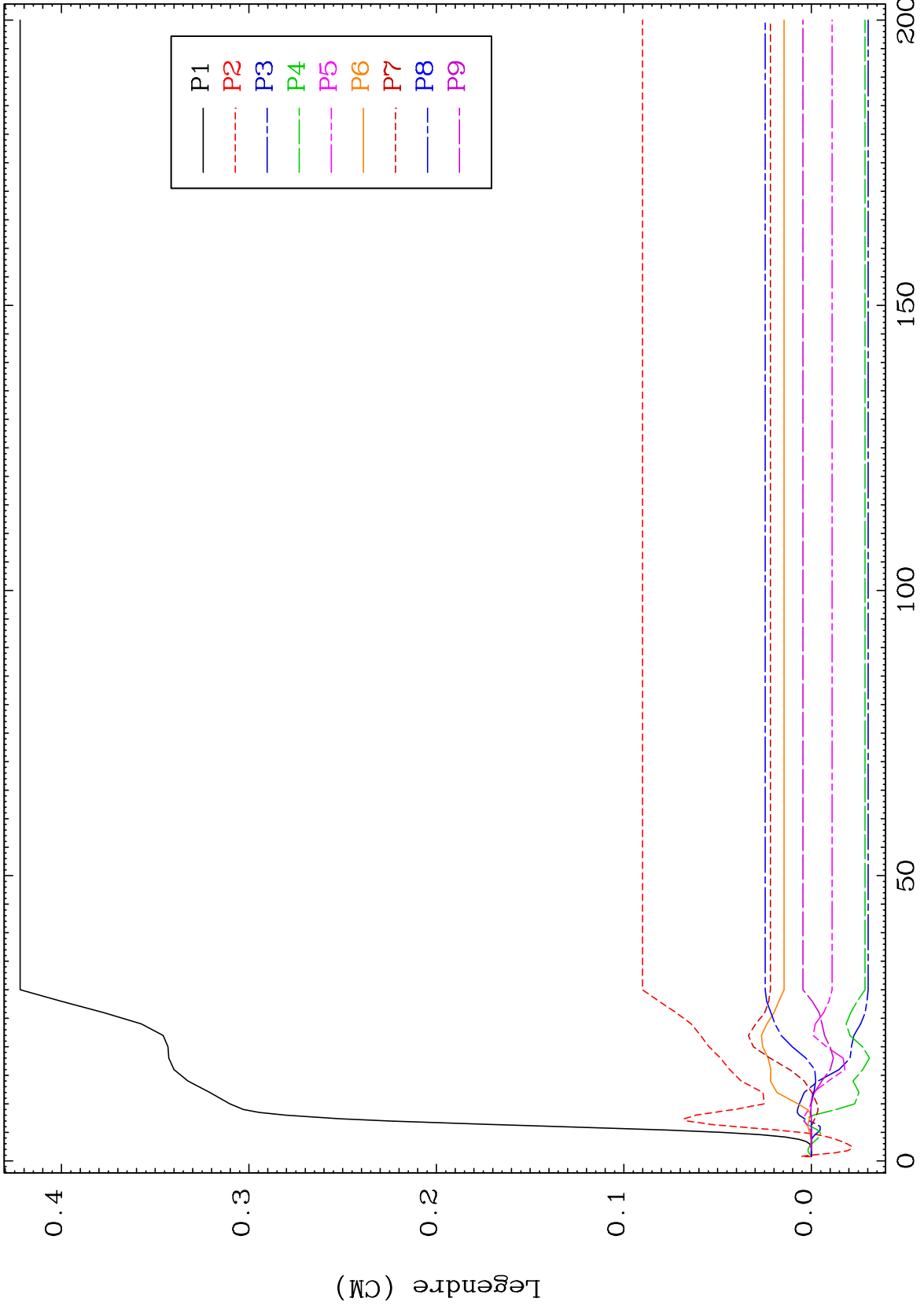
98

54-Xe-117

MAT 5404

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

54-Xe-117



99

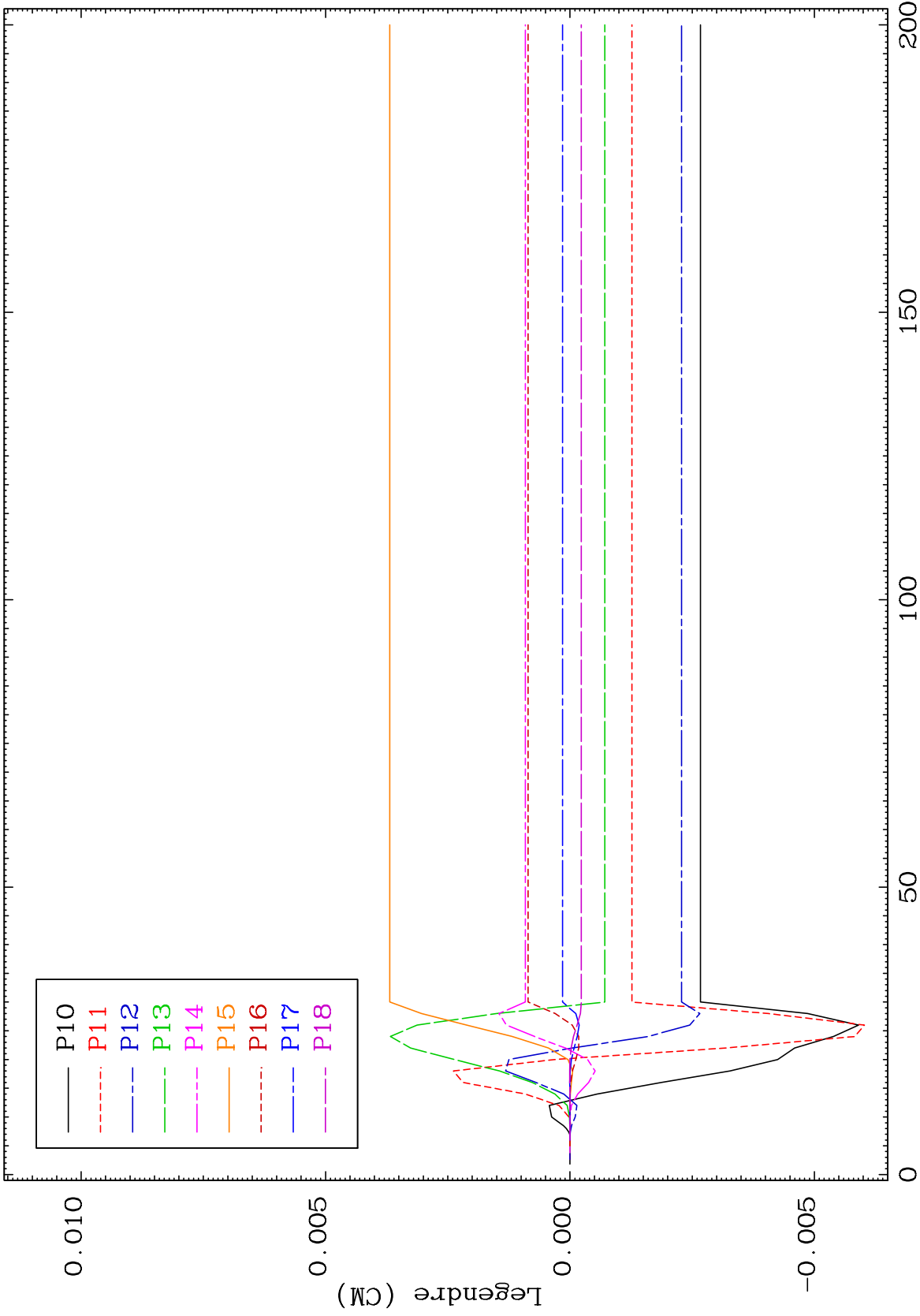
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

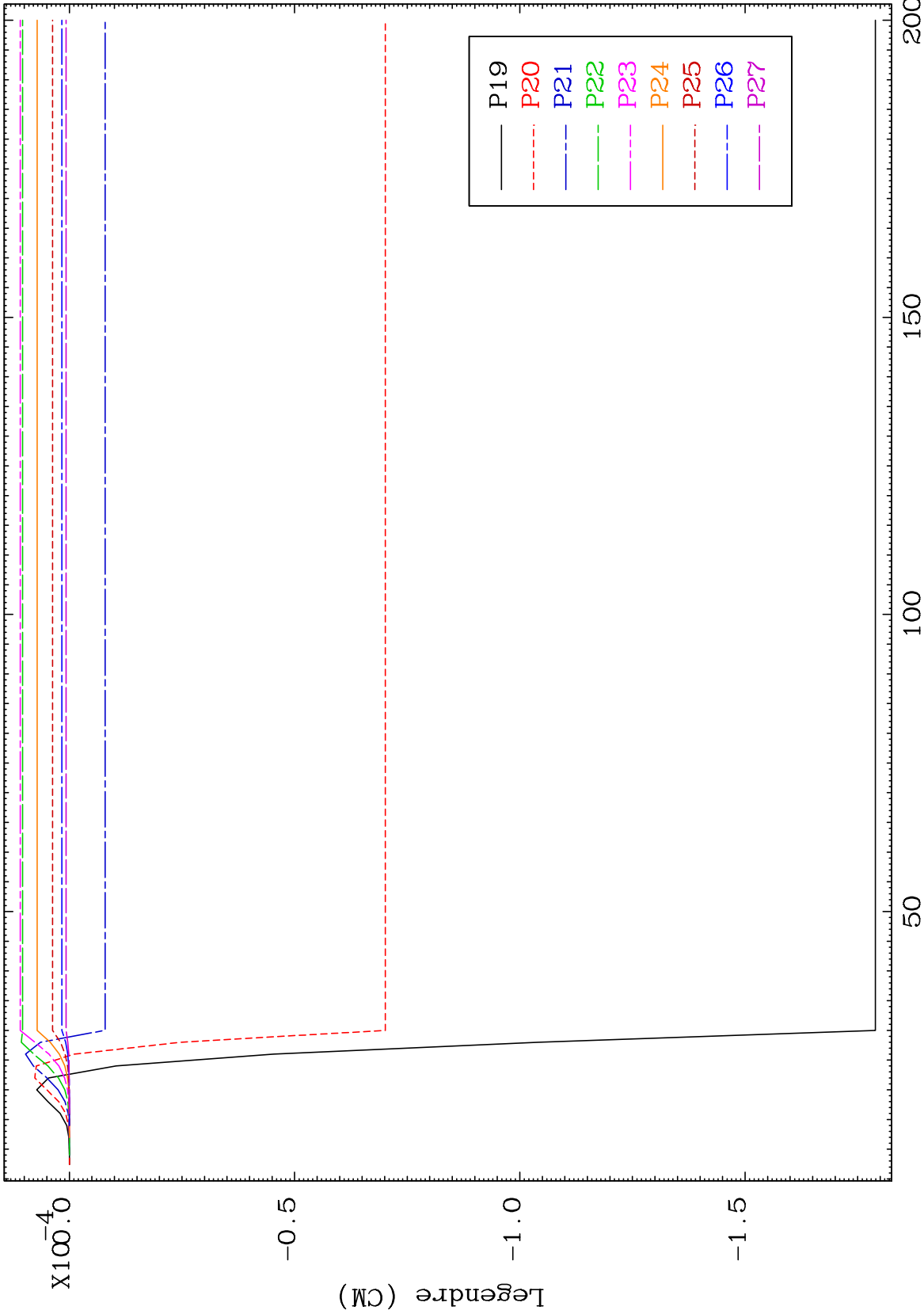
Incident Energy (MeV)

100

MAT 5404

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

54-Xe-117



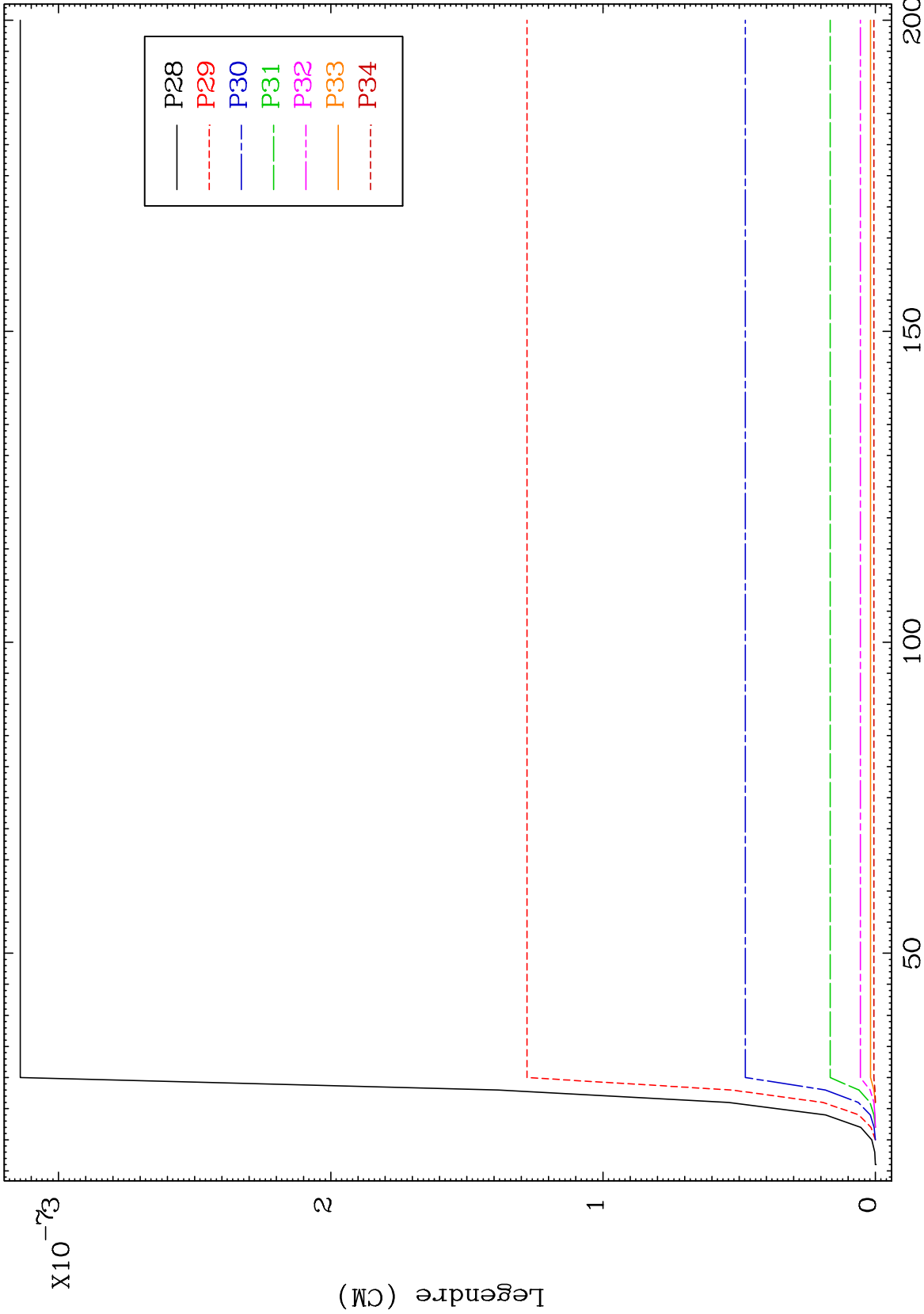
101

54-Xe-117

MAT 5404

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

54-Xe-117



102

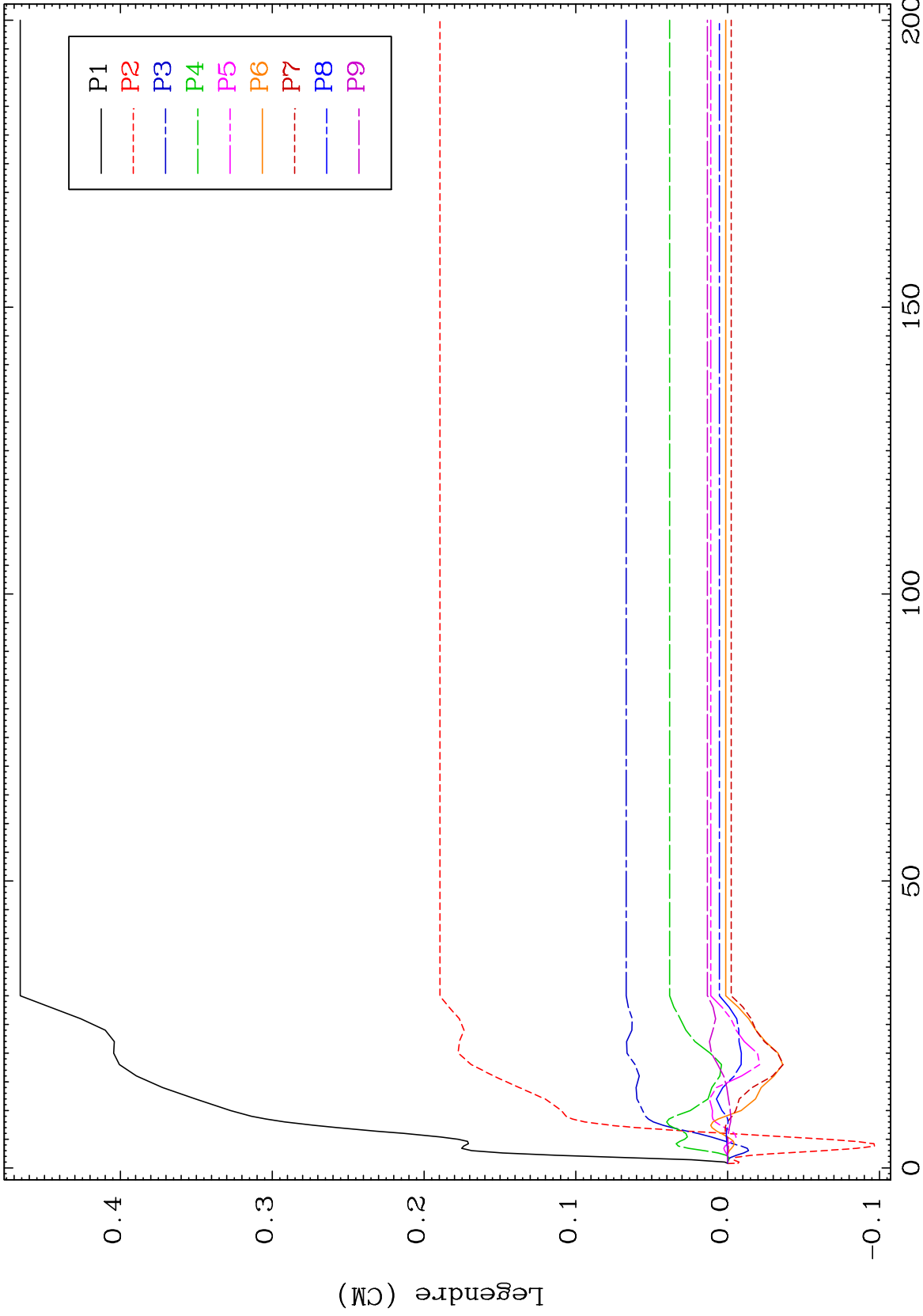
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



103

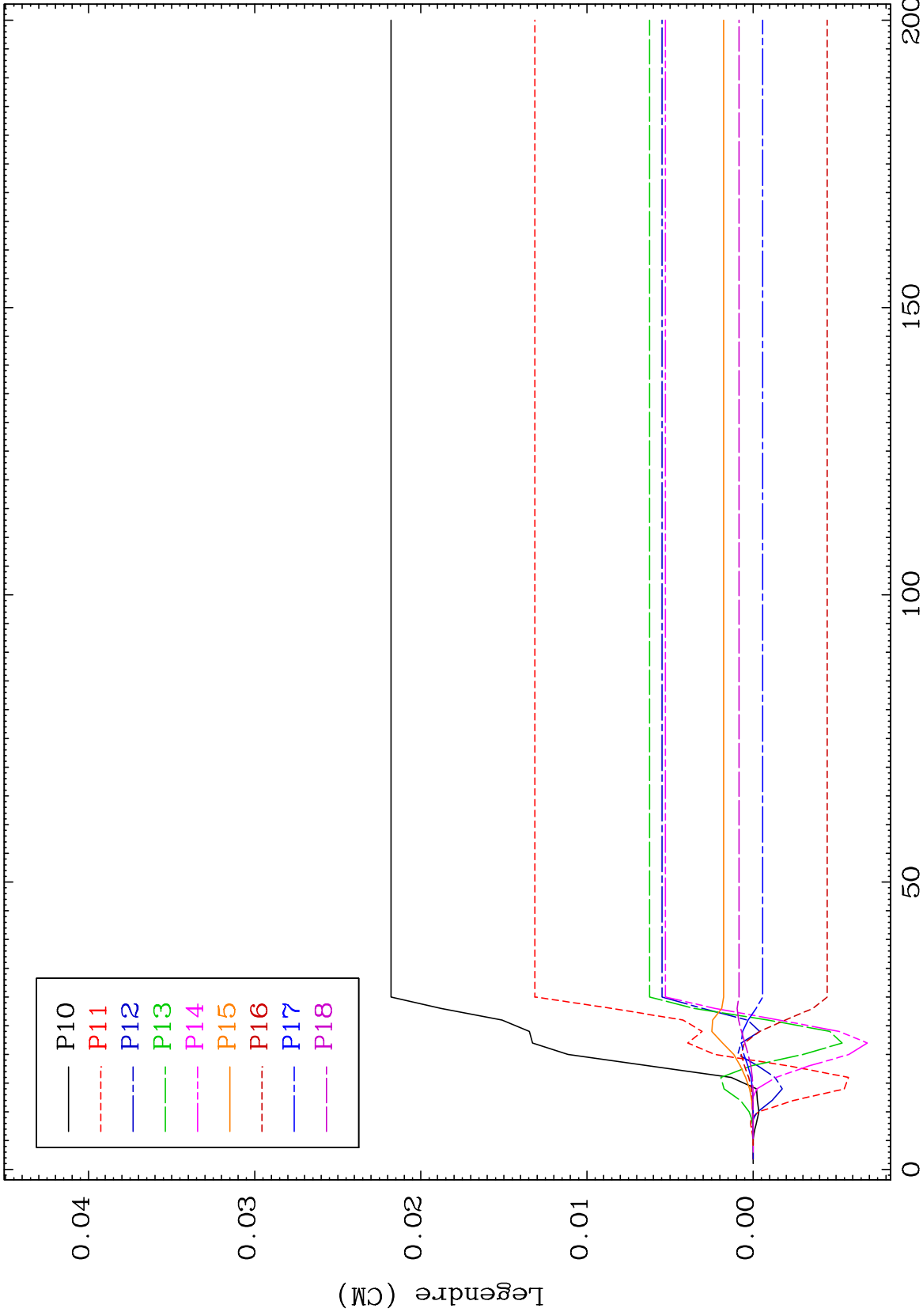
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



104

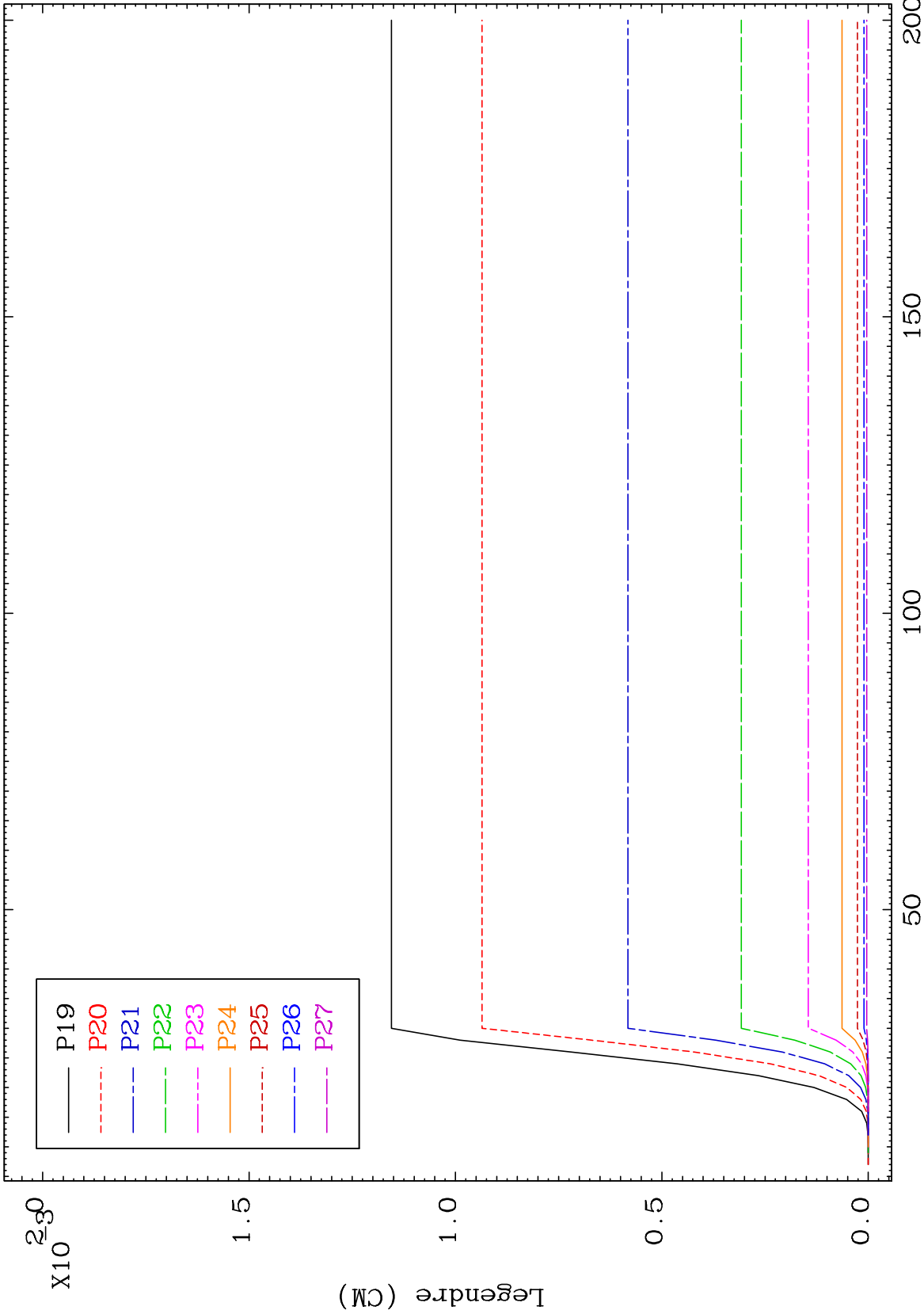
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

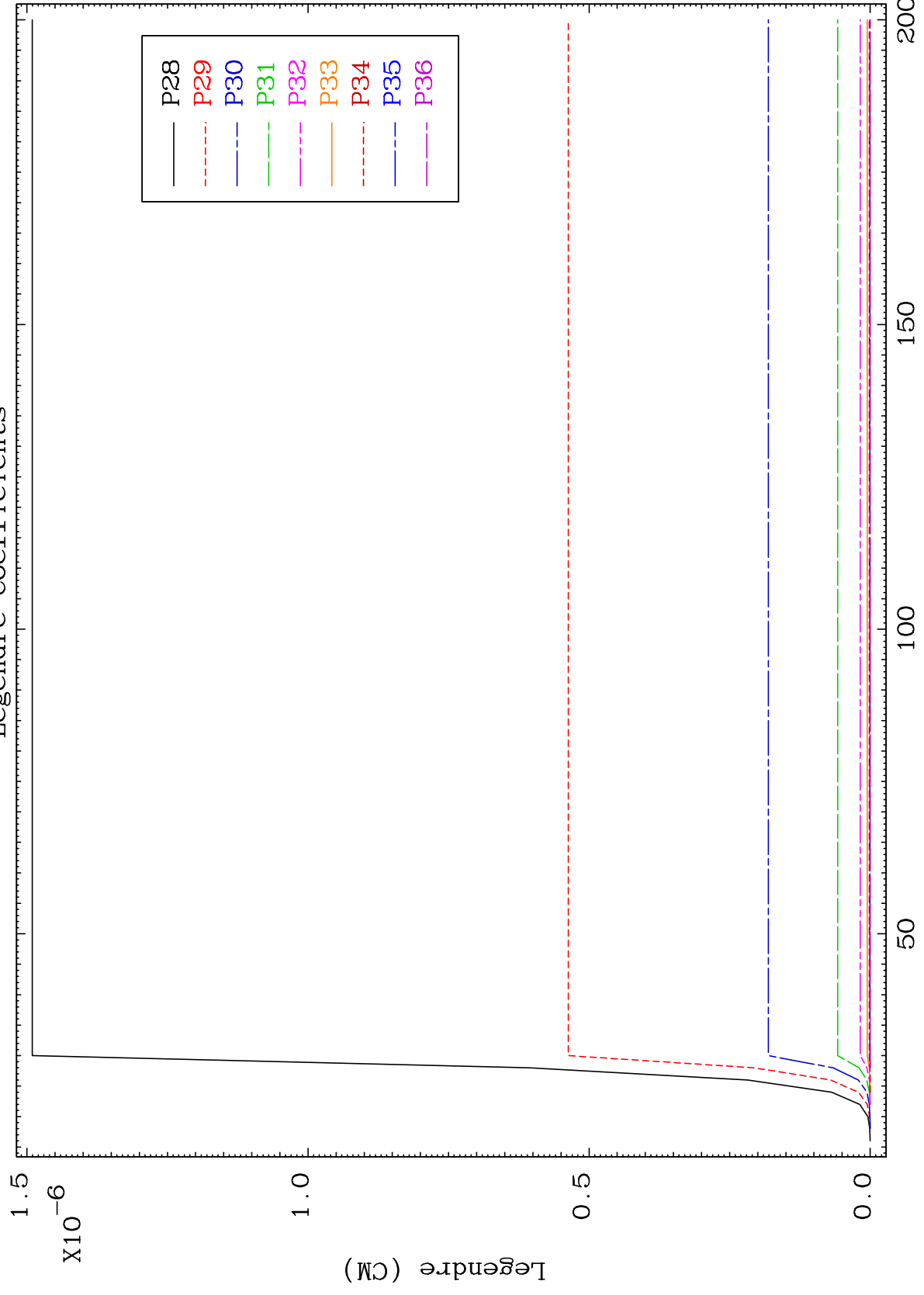
Incident Energy (MeV)

105

MAT 5404

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

54-Xe-117



106

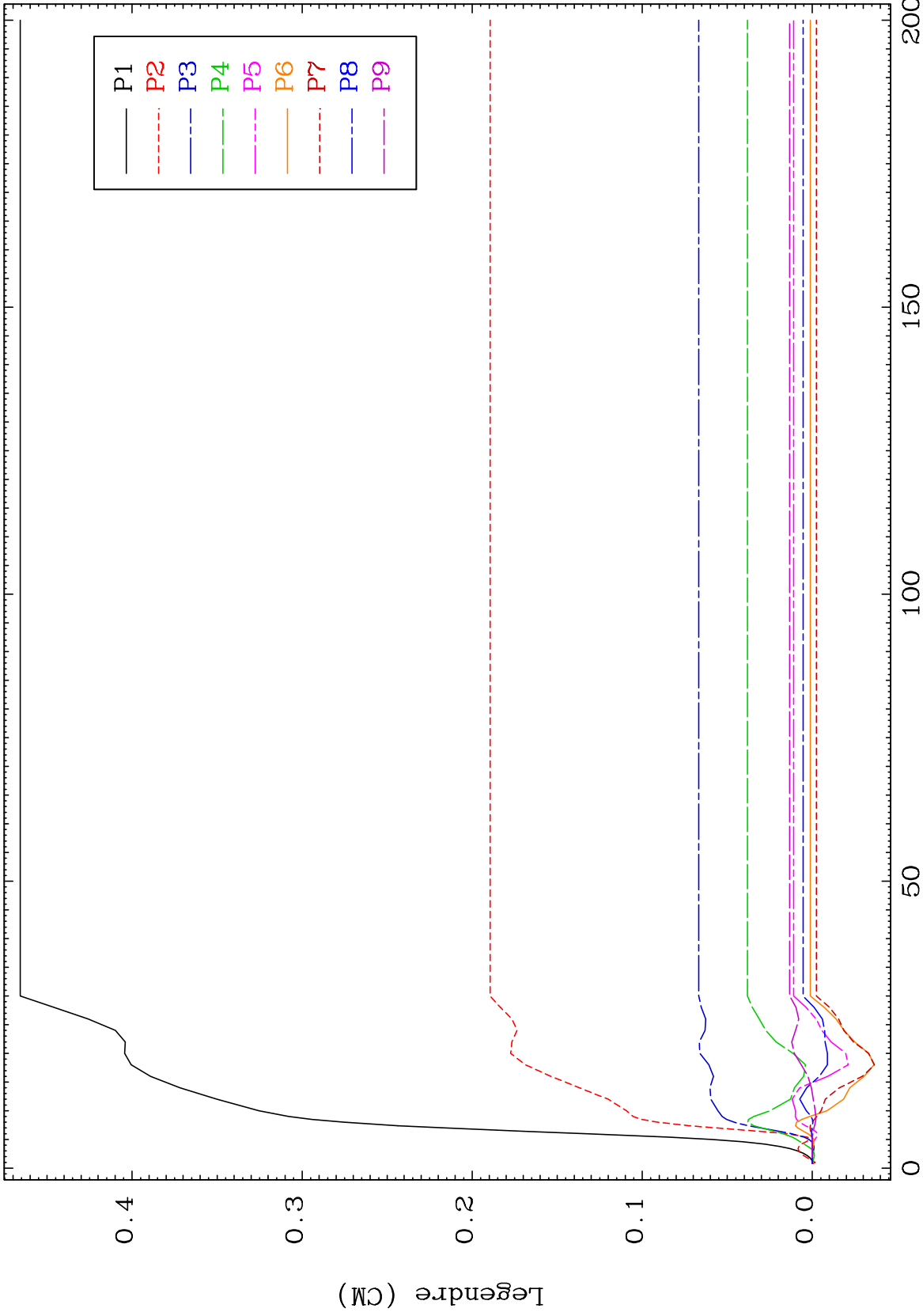
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



107

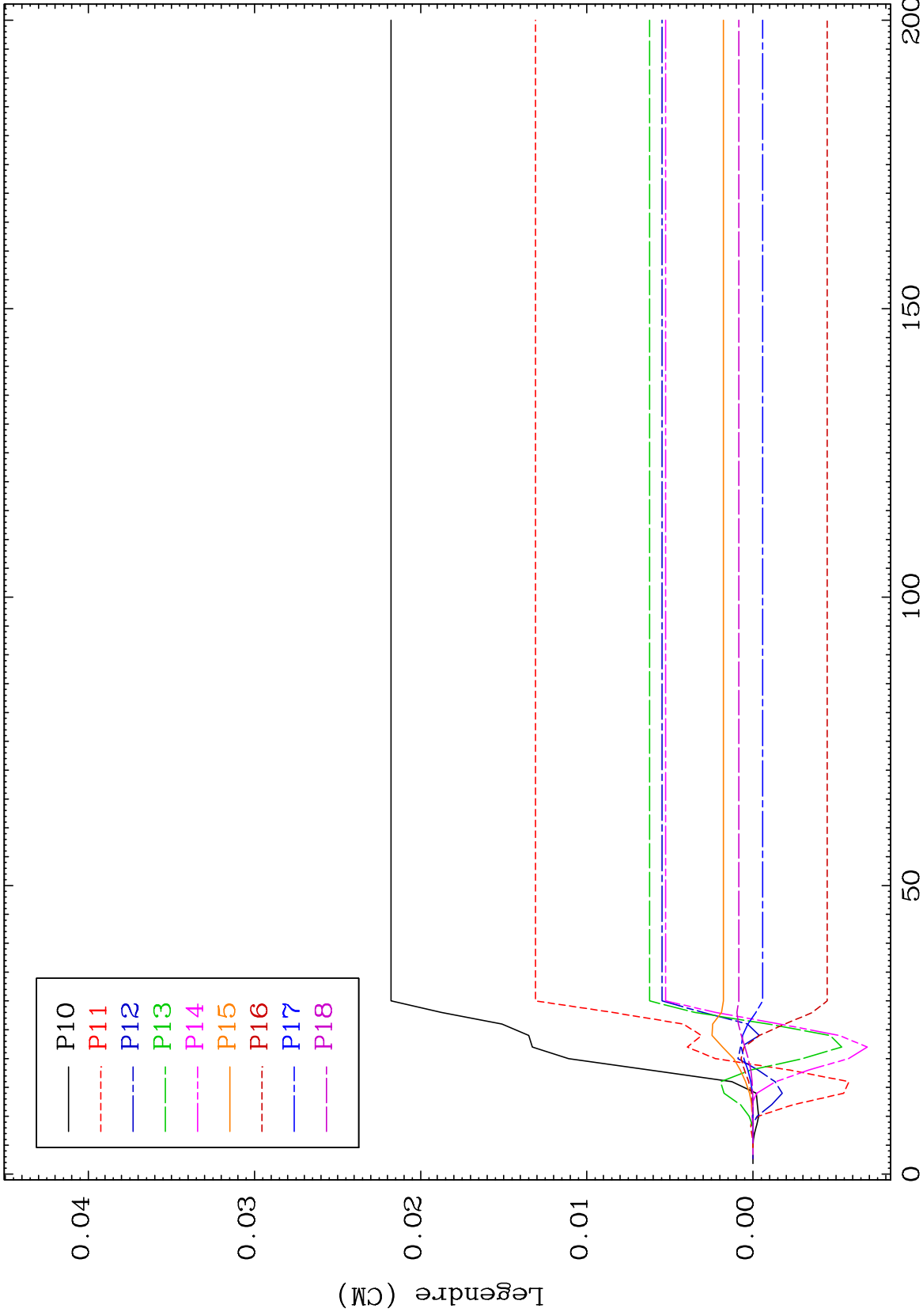
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



108

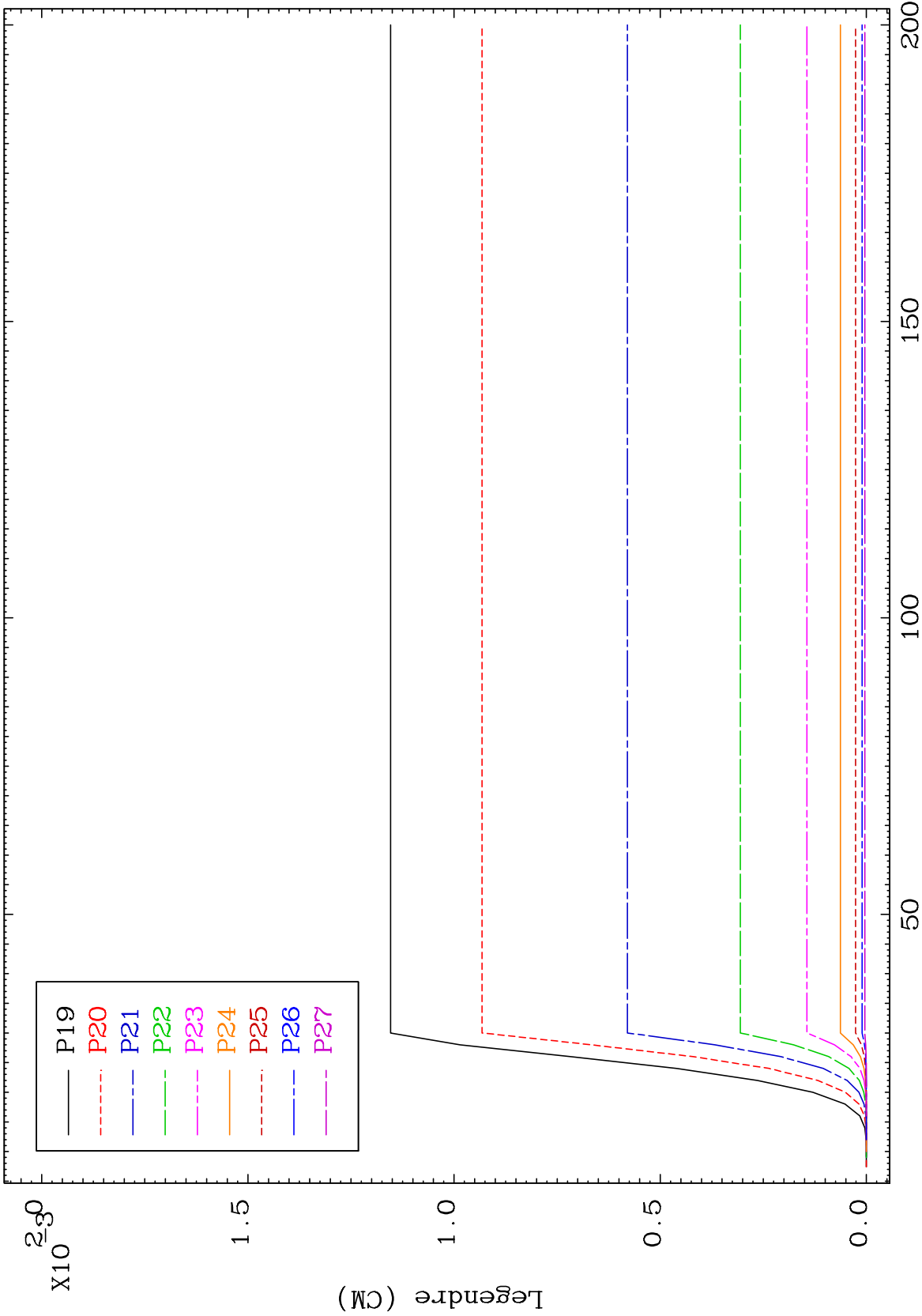
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



109

Incident Energy (MeV)

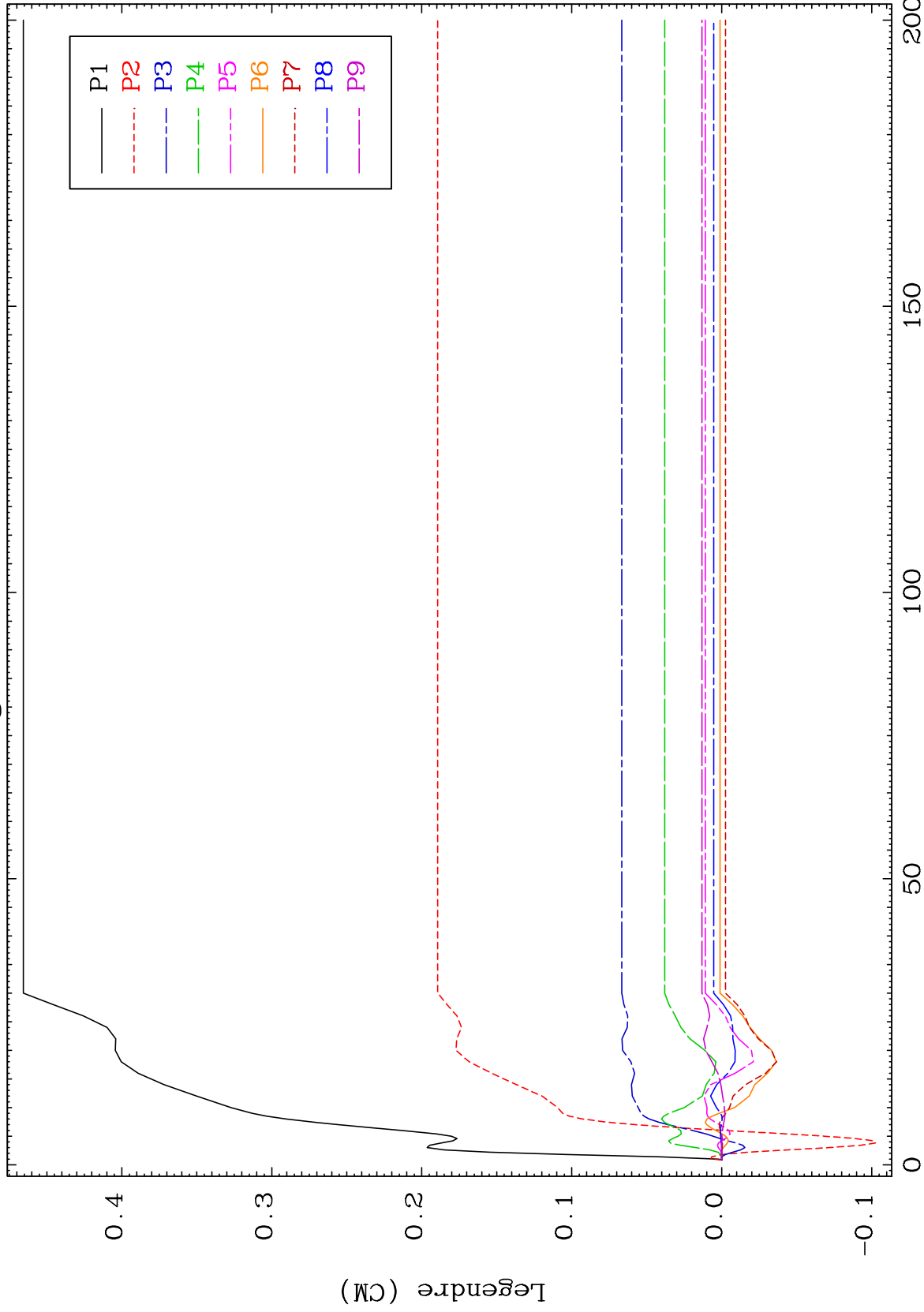
54-Xe-117



MAT 5404

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

54-Xe-117



111

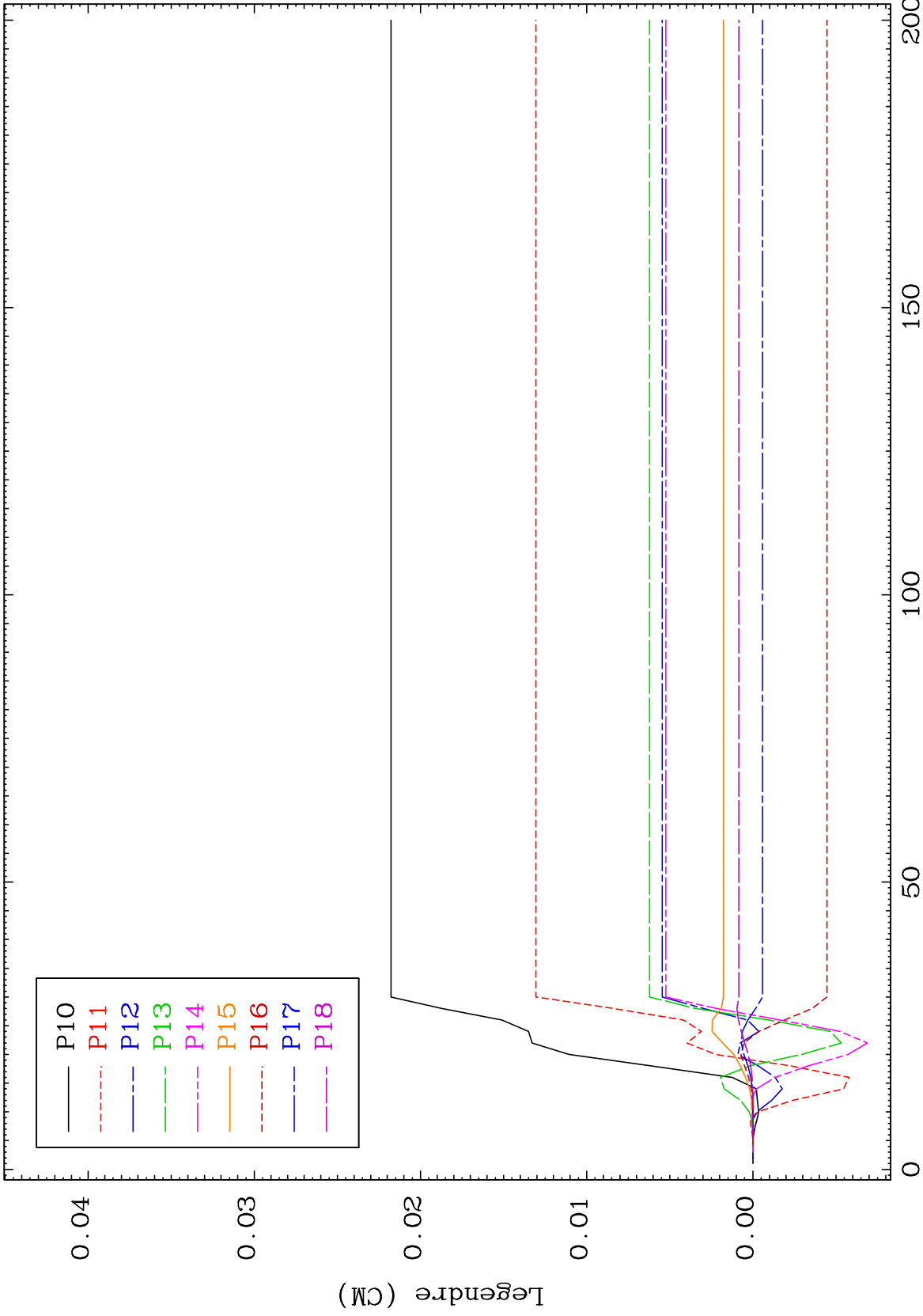
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



112

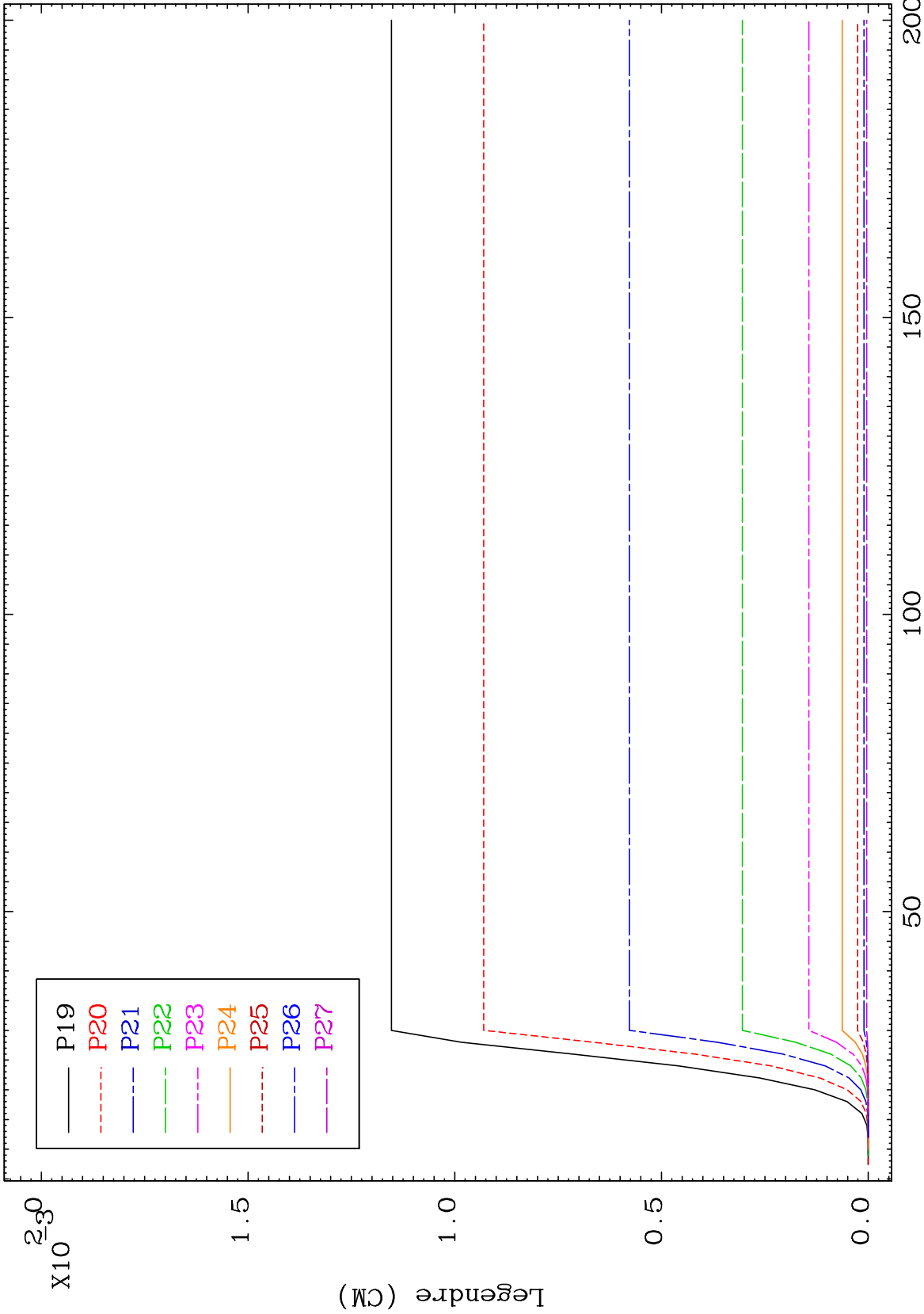
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



113

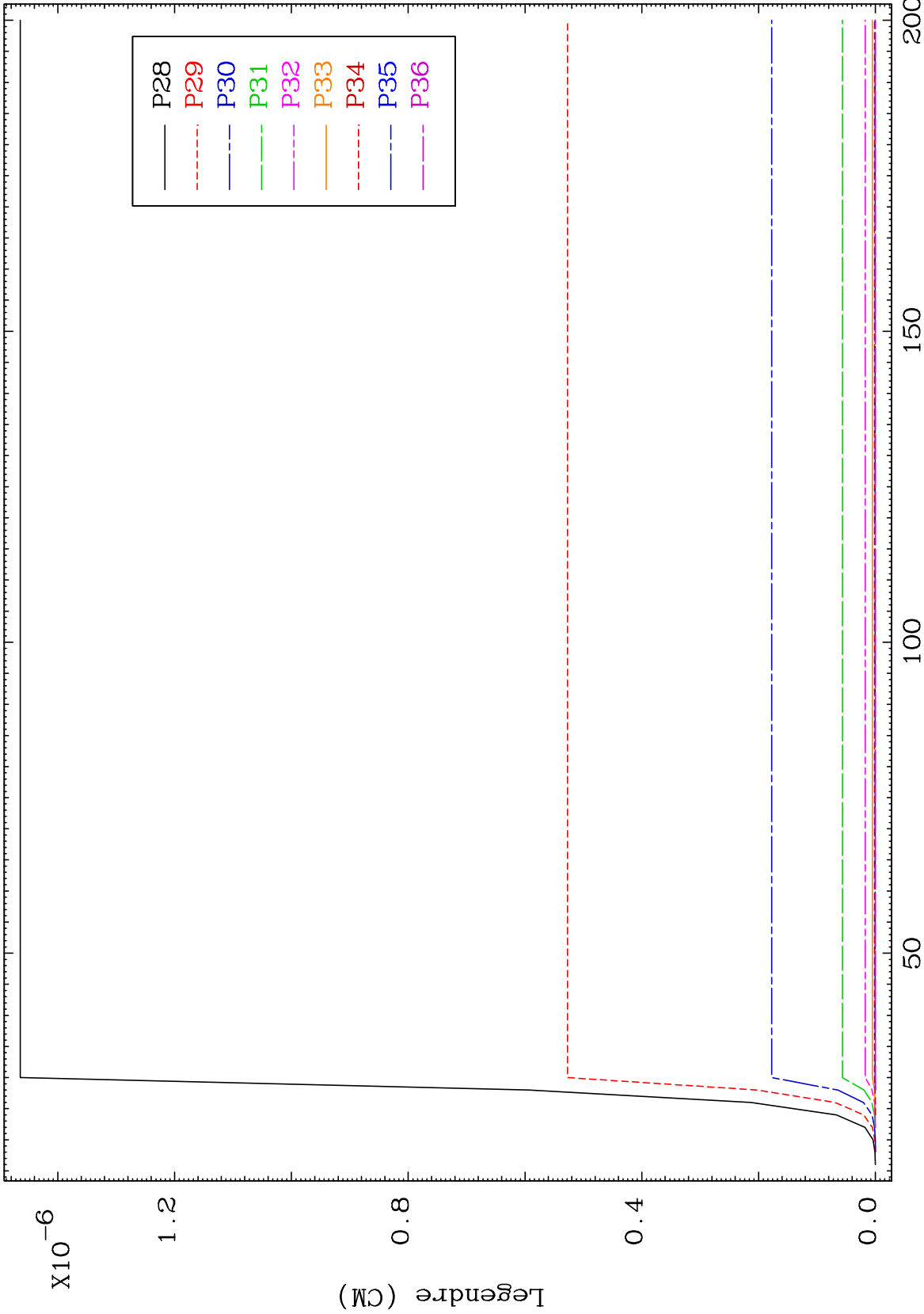
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



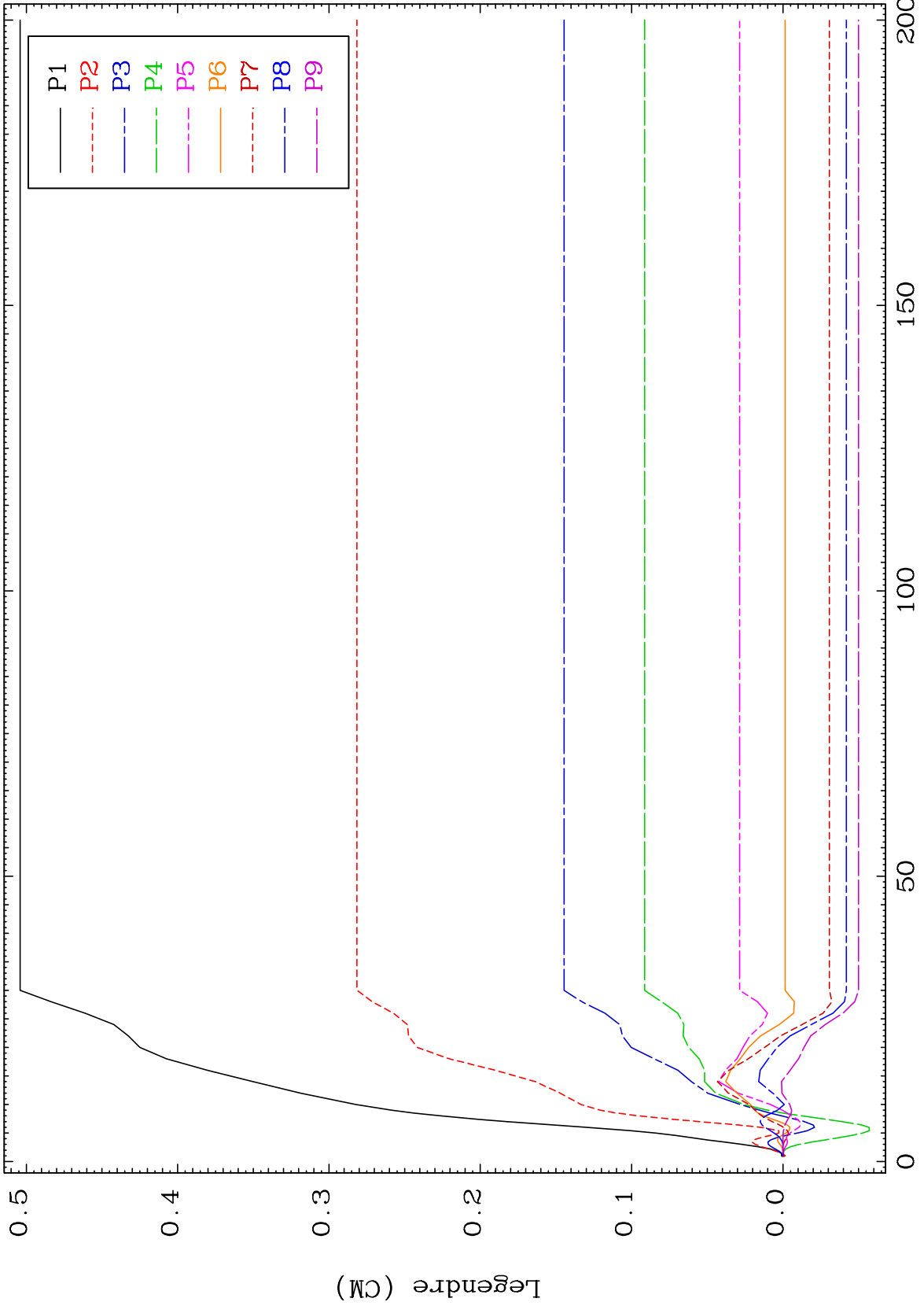
114

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

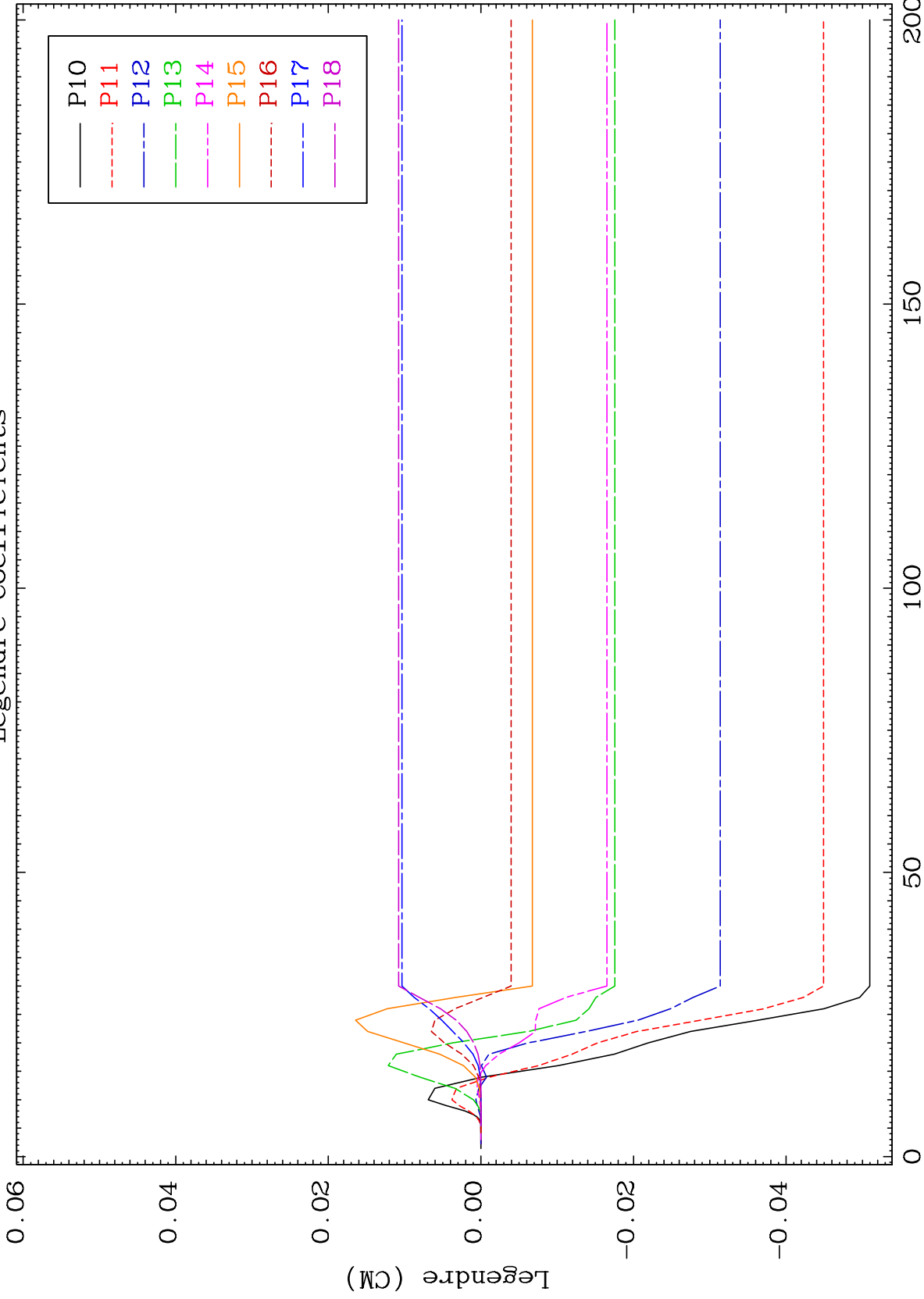
Incident Energy (MeV)

115

MAT 5404

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

54-Xe-117



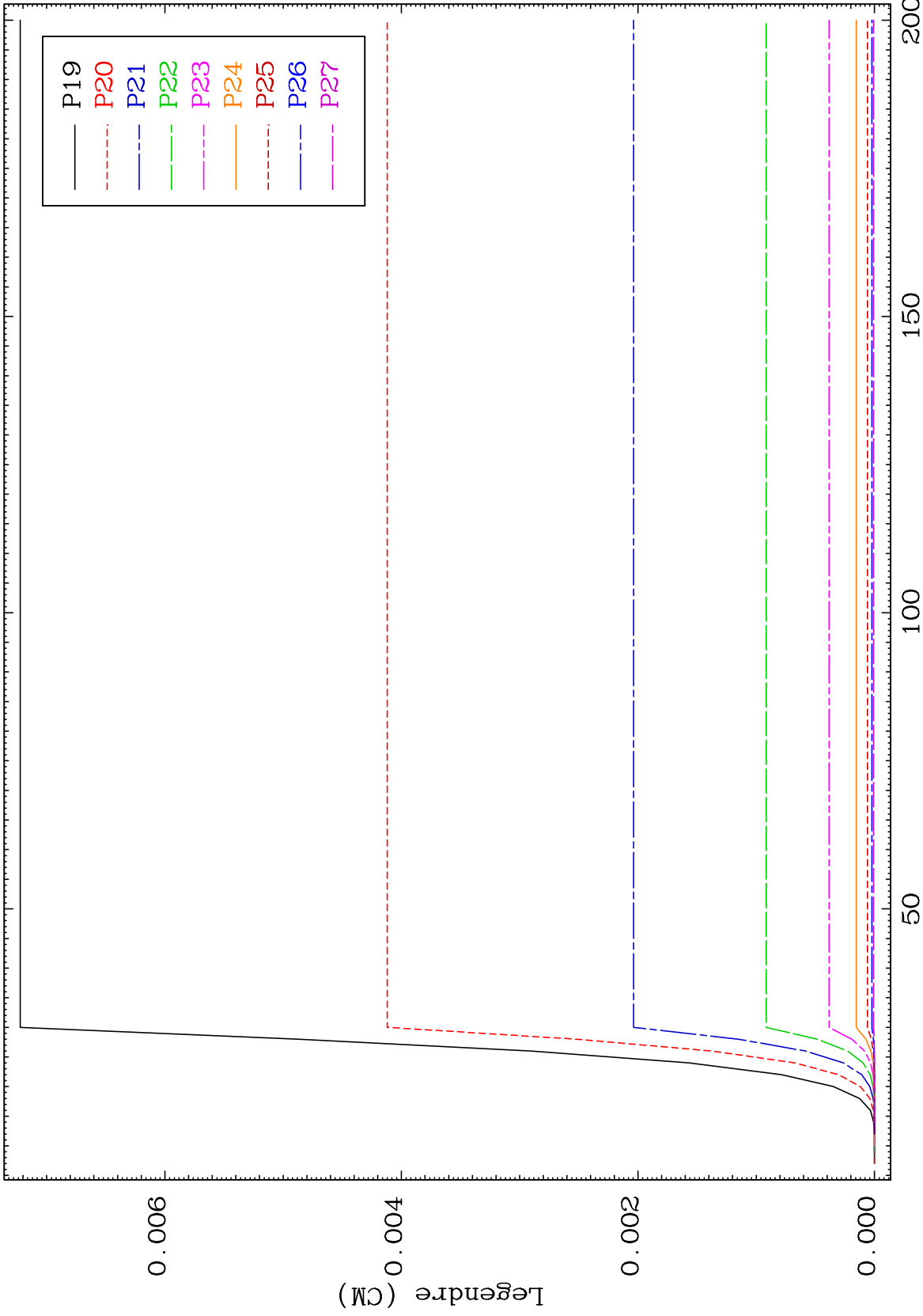
116

54-Xe-117

MAT 5404

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

54-Xe-117



117

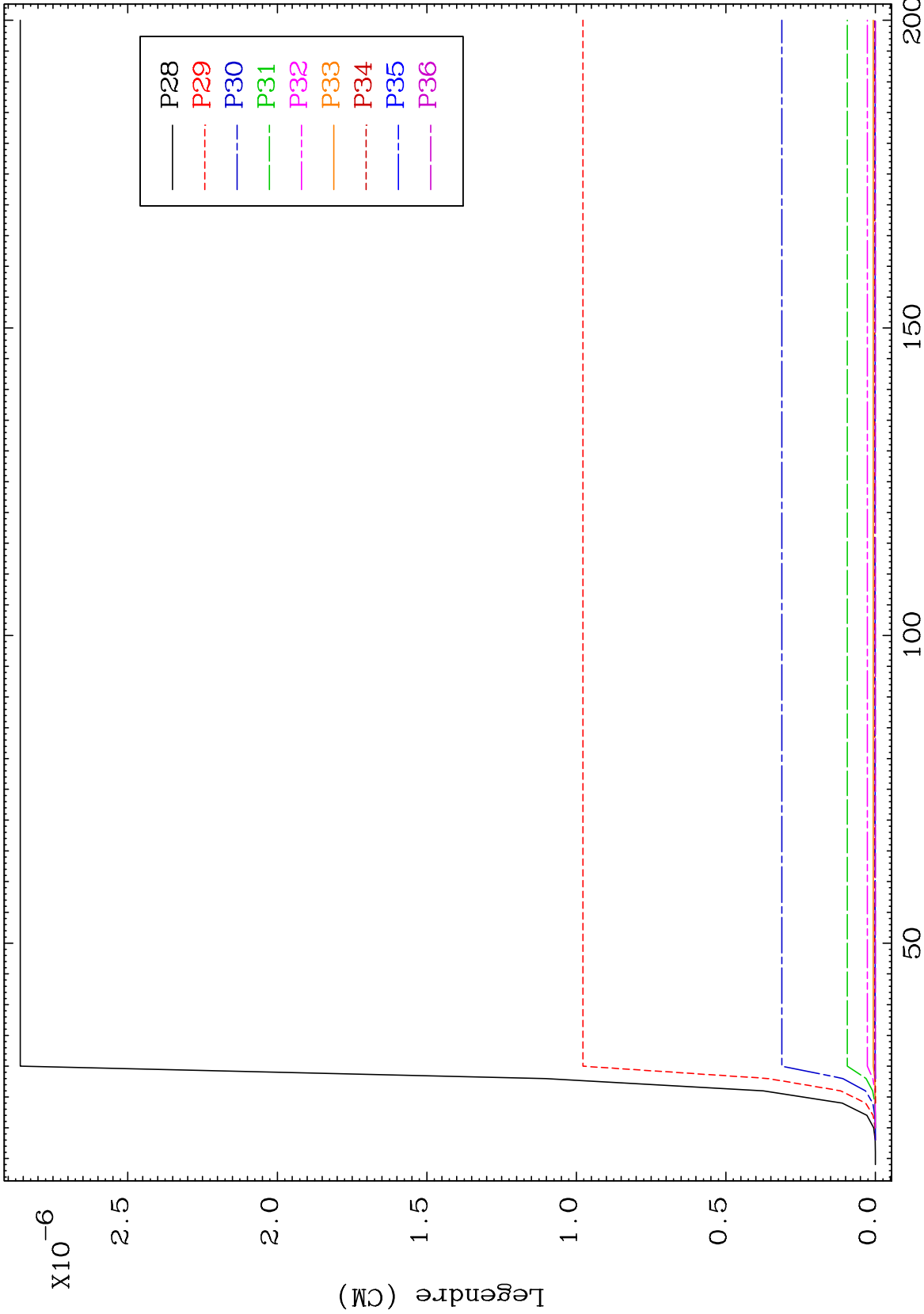
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



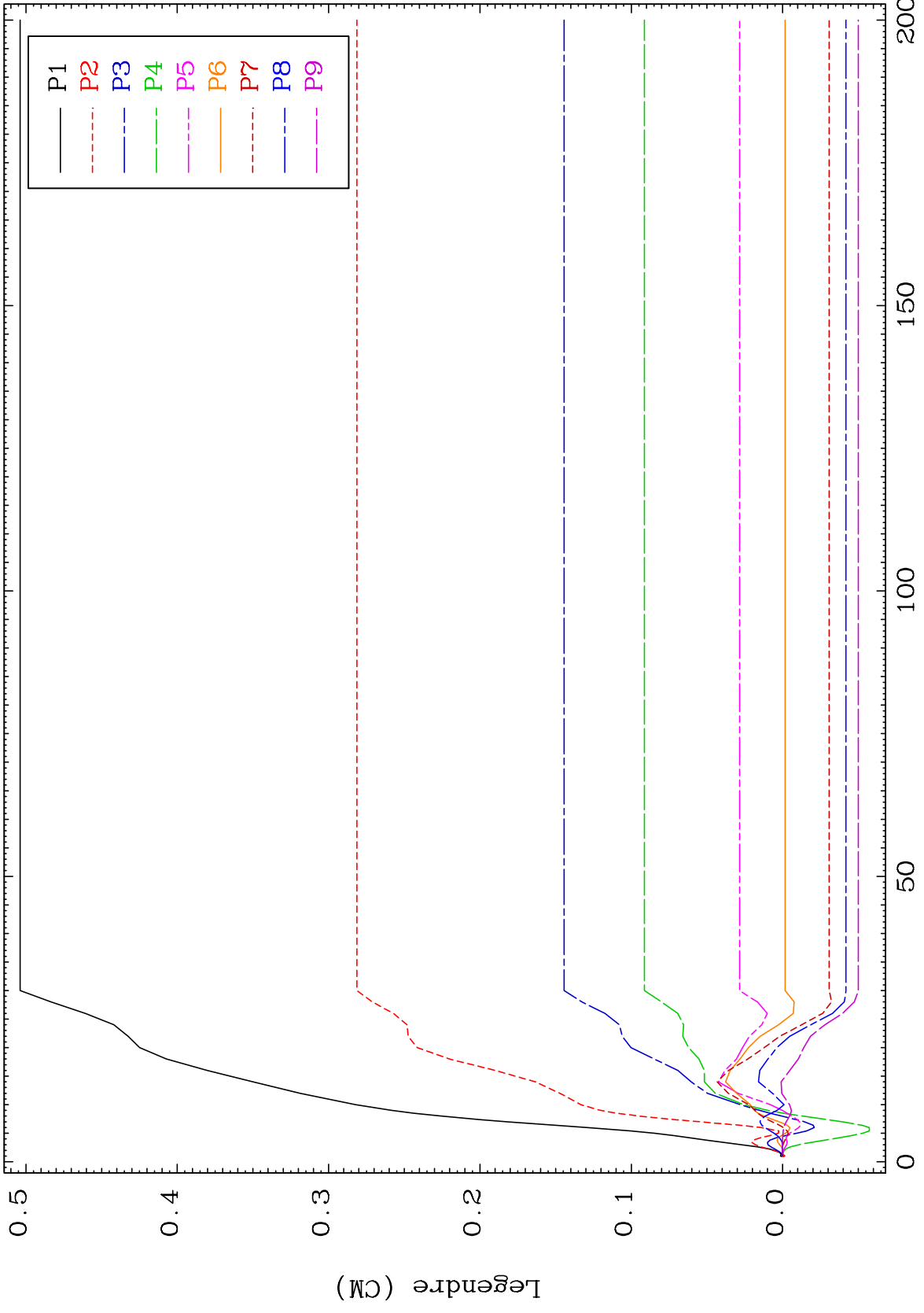
118

54-Xe-117

MAT 5404

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

54-Xe-117



54-Xe-117

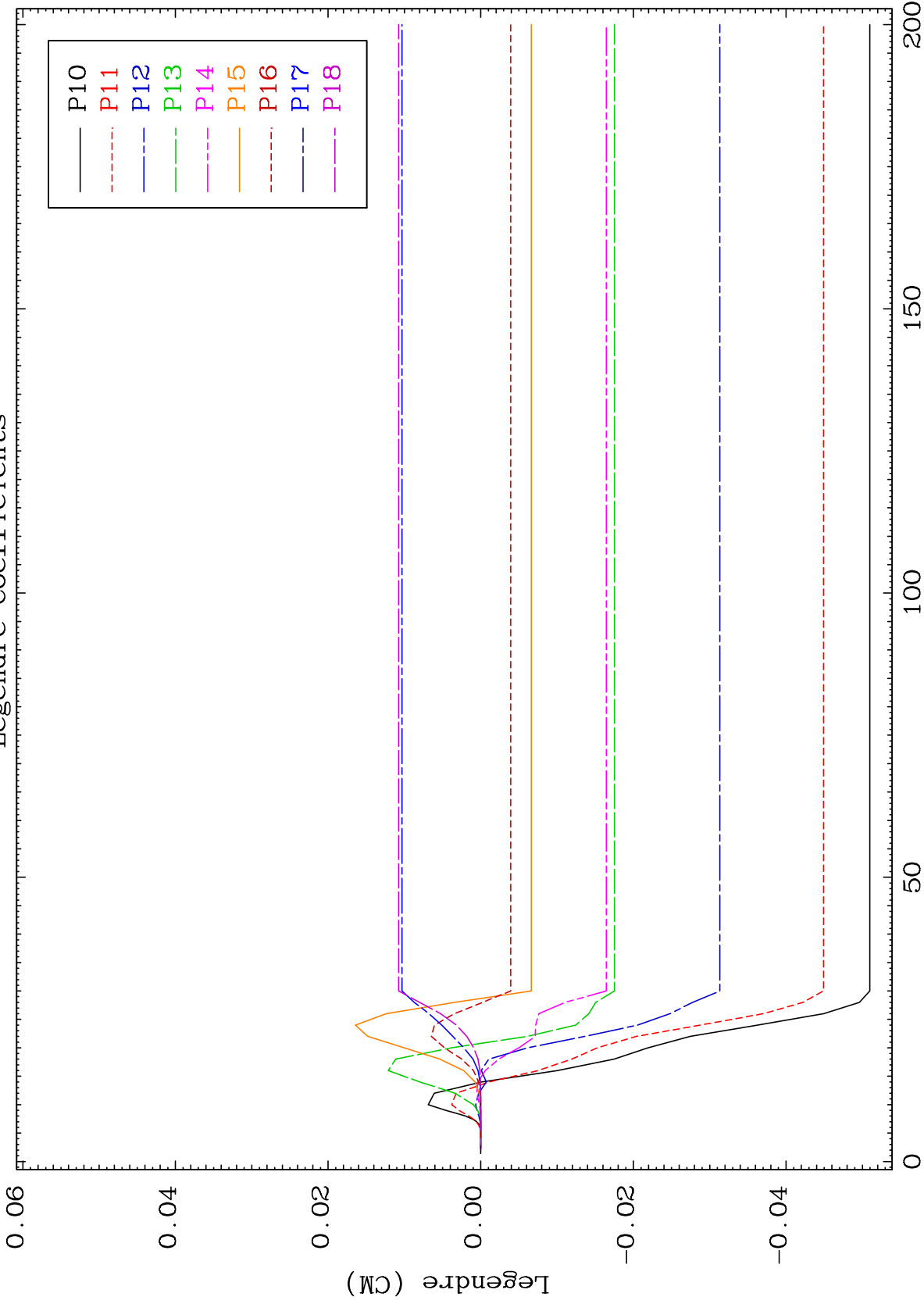
Incident Energy (MeV)

119

MAT 5404

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

54-Xe-117



120

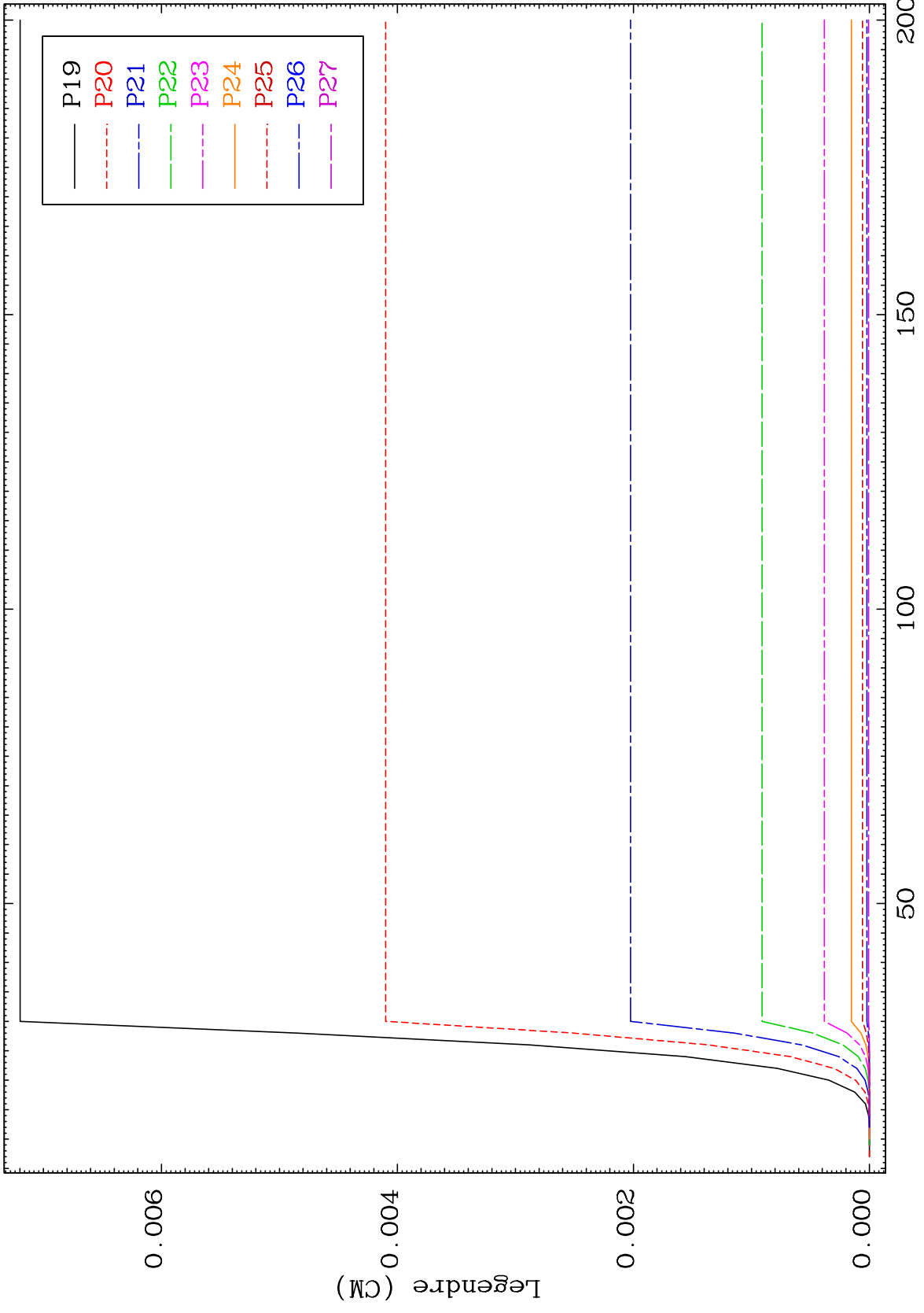
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



121

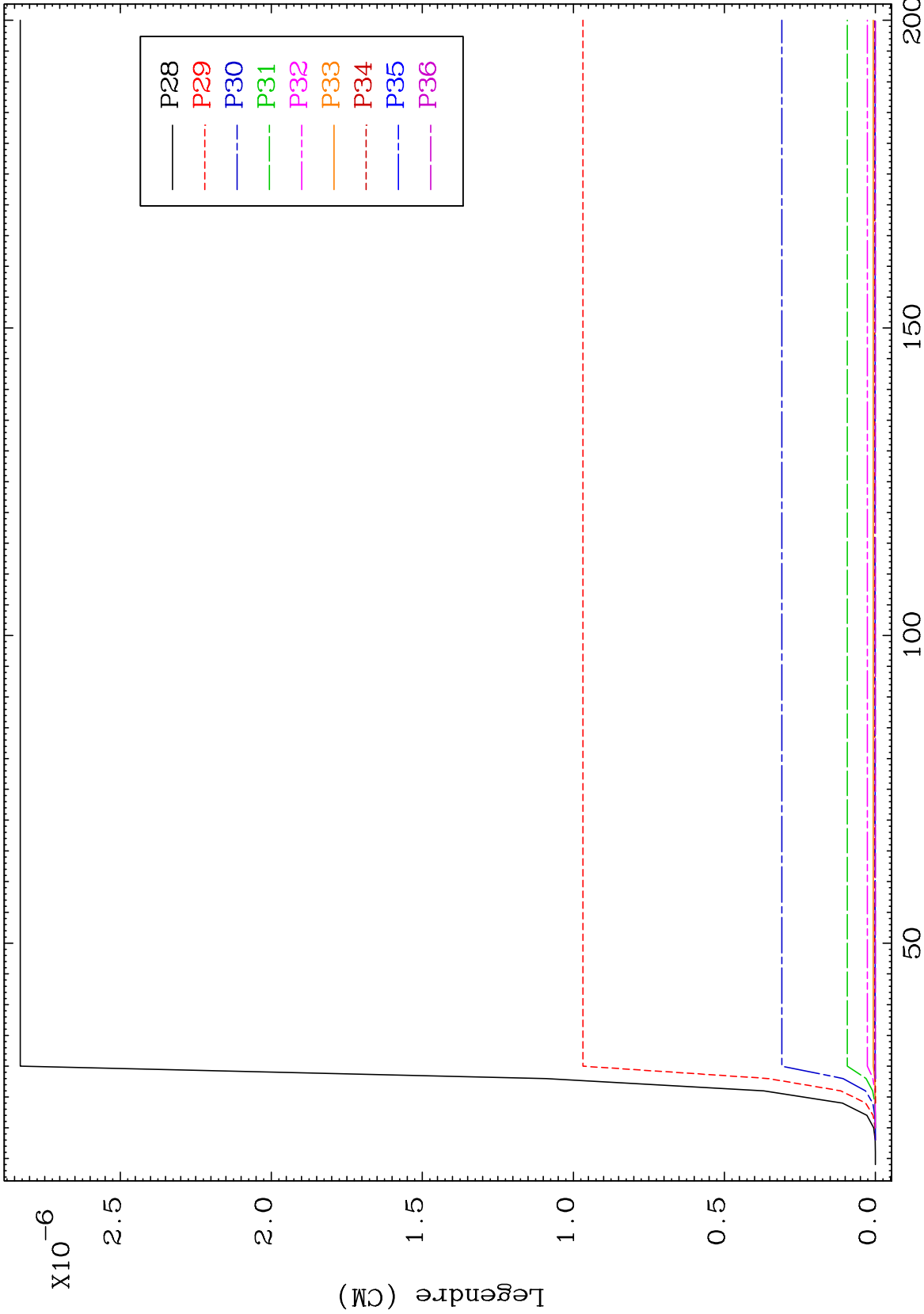
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



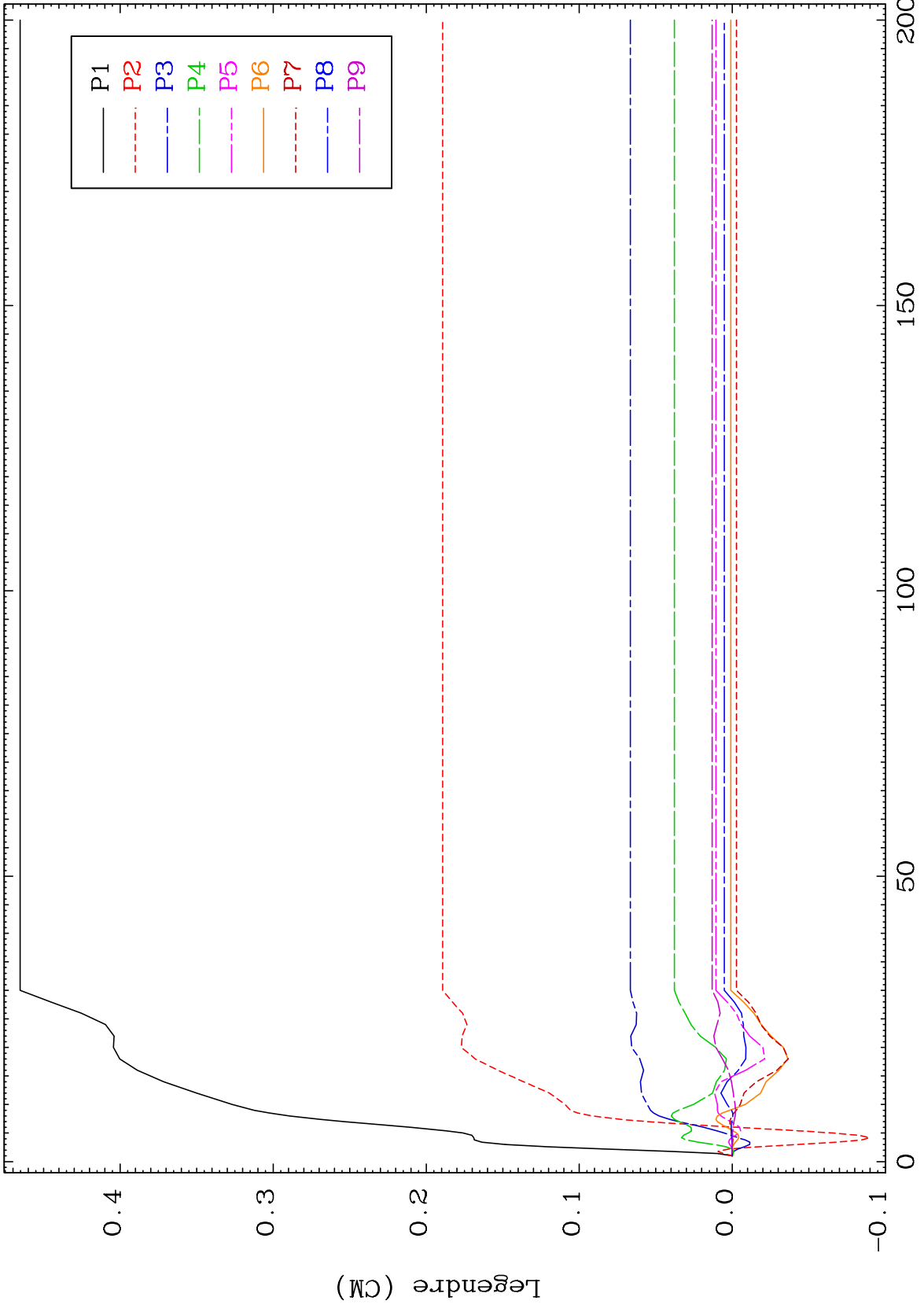
122

54-Xe-117

MAT 5404

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

54-Xe-117



123

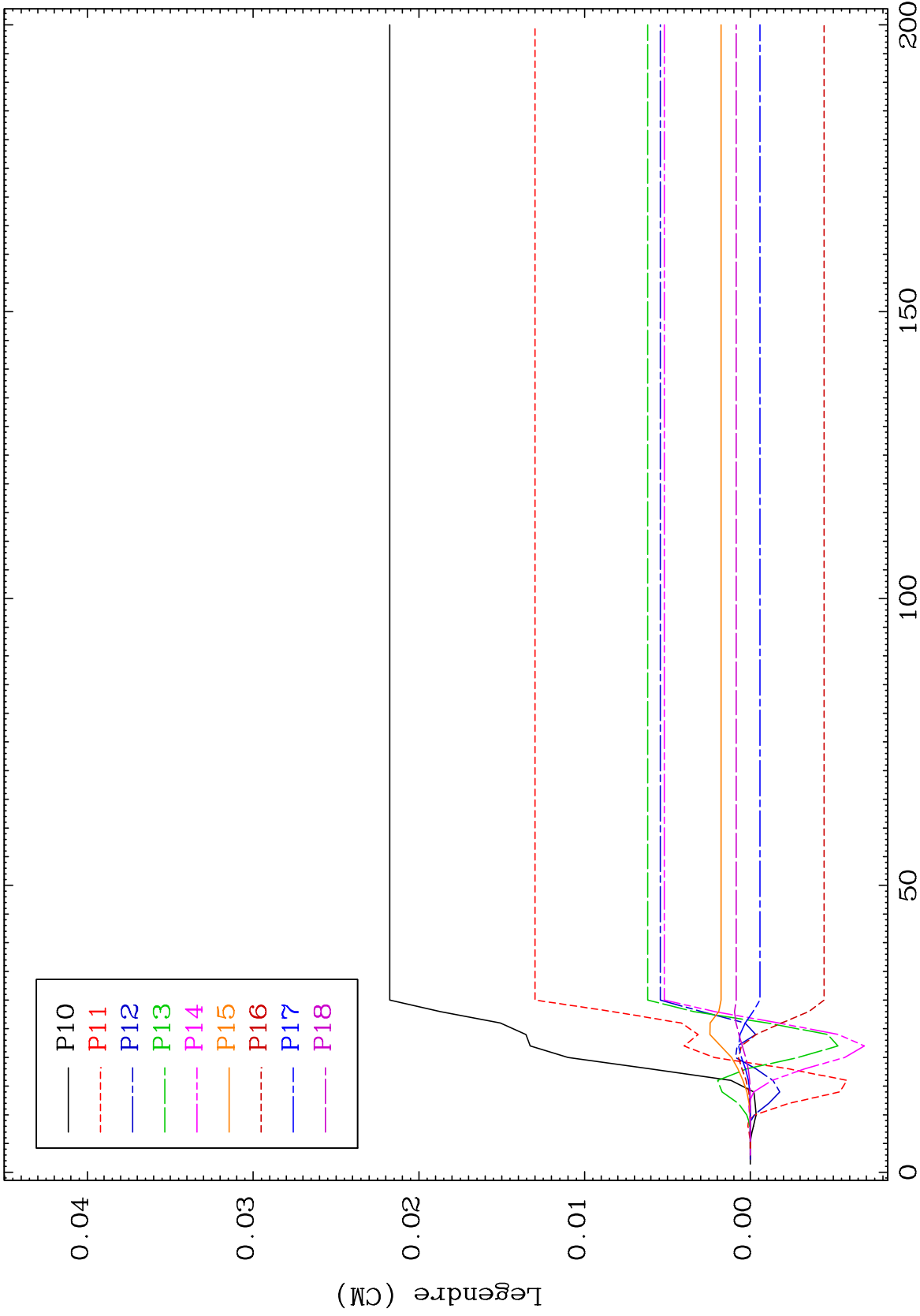
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



124

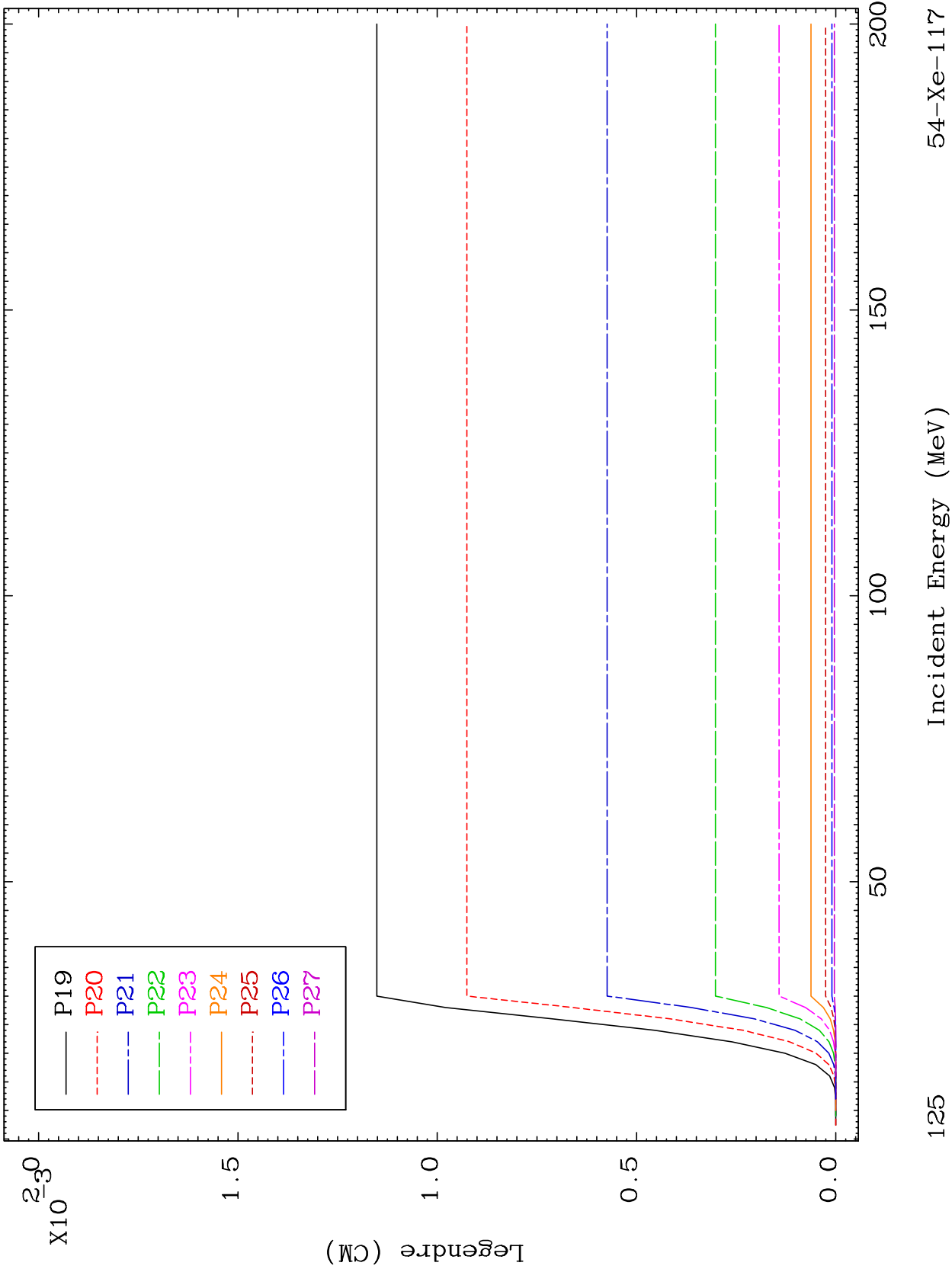
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

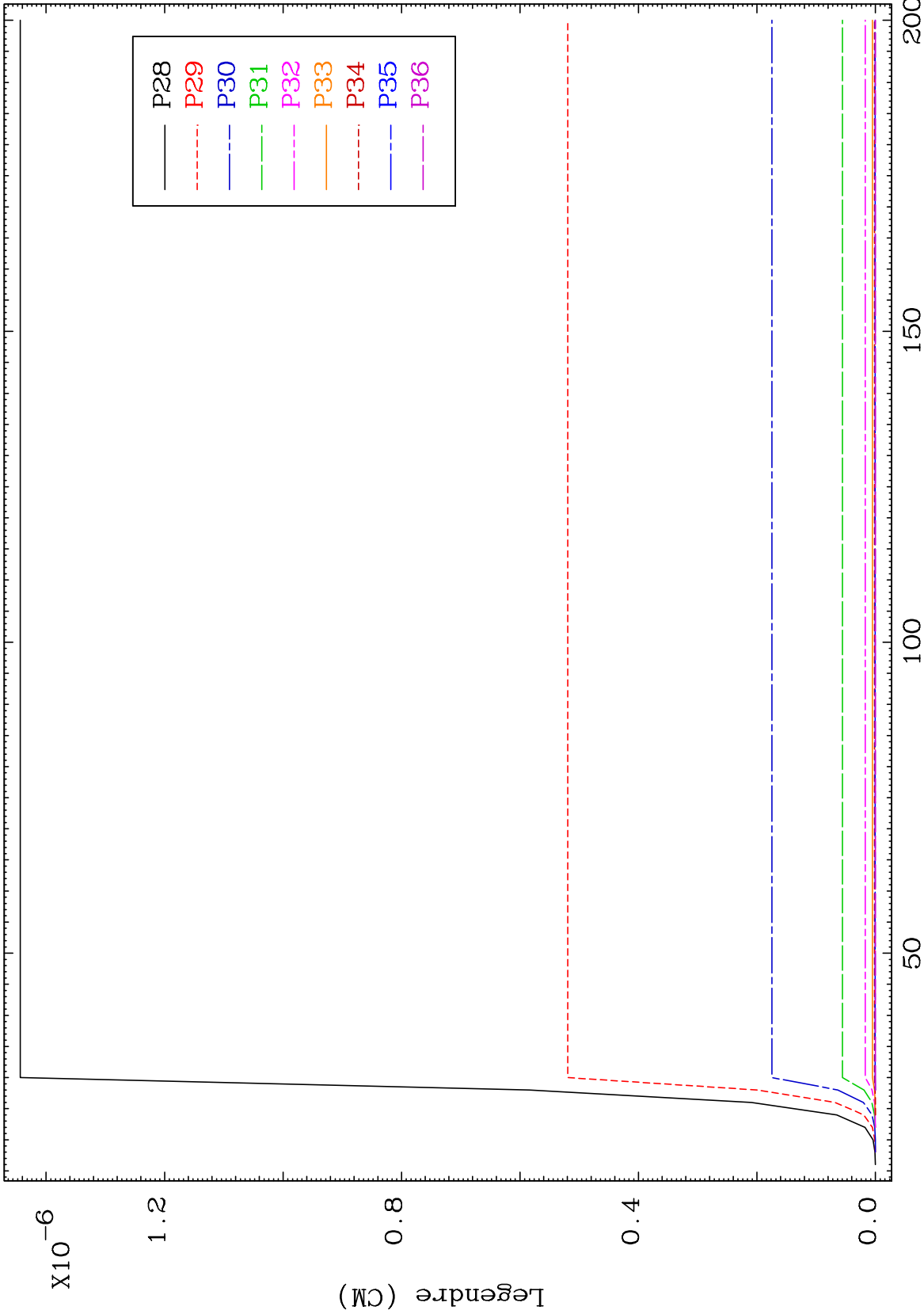
54-Xe-117



MAT 5404

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

54-Xe-117



126

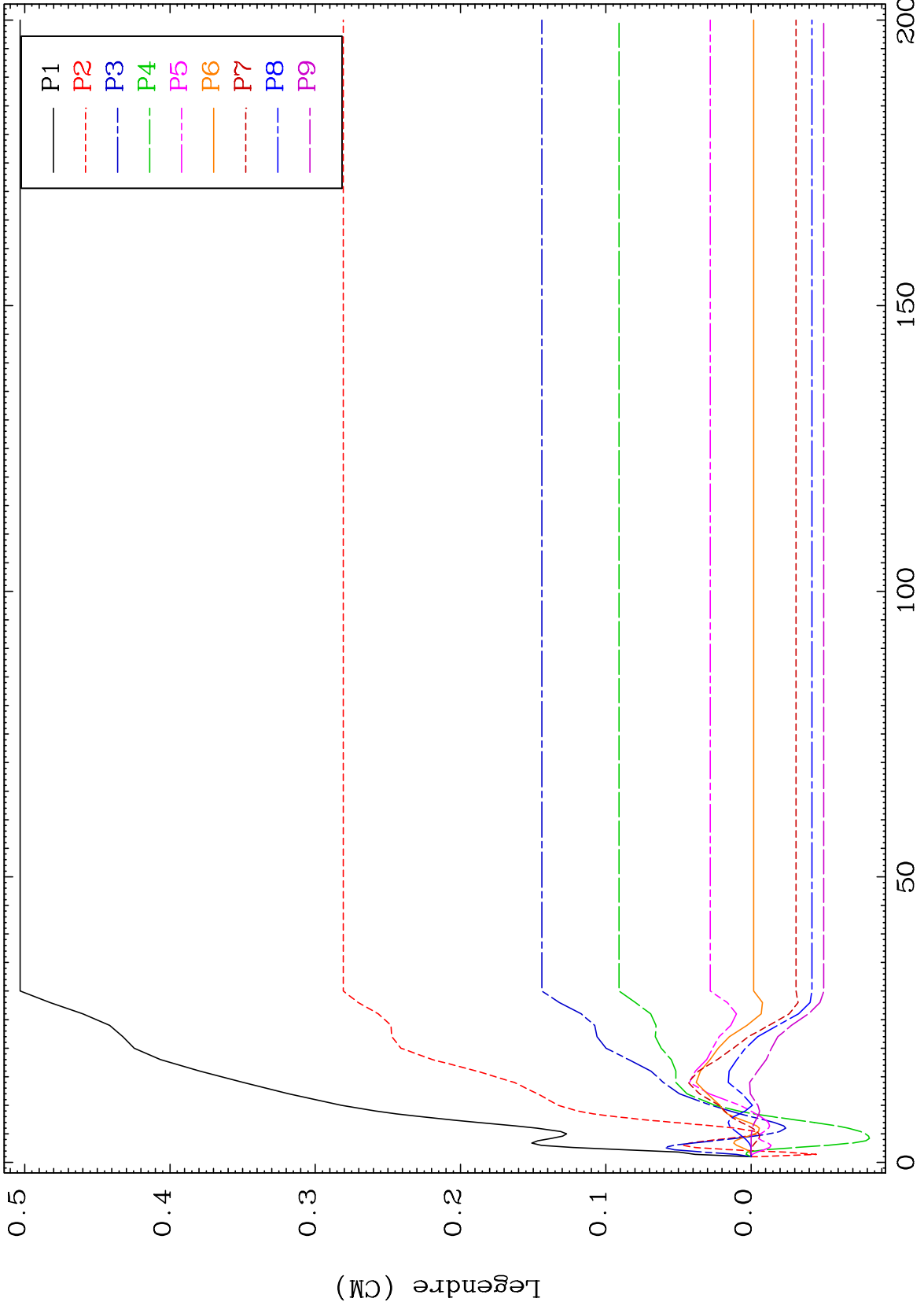
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



127

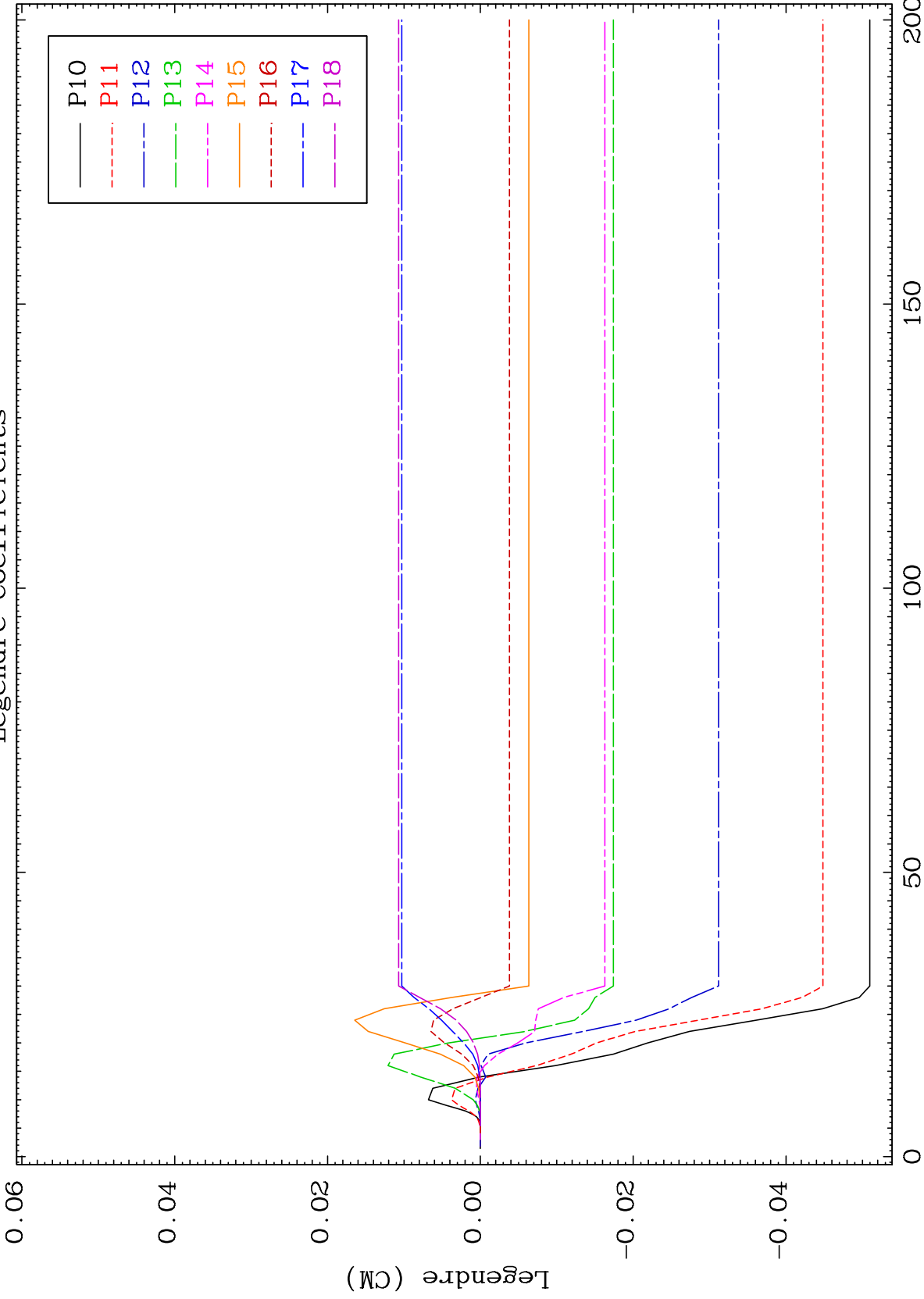
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



128

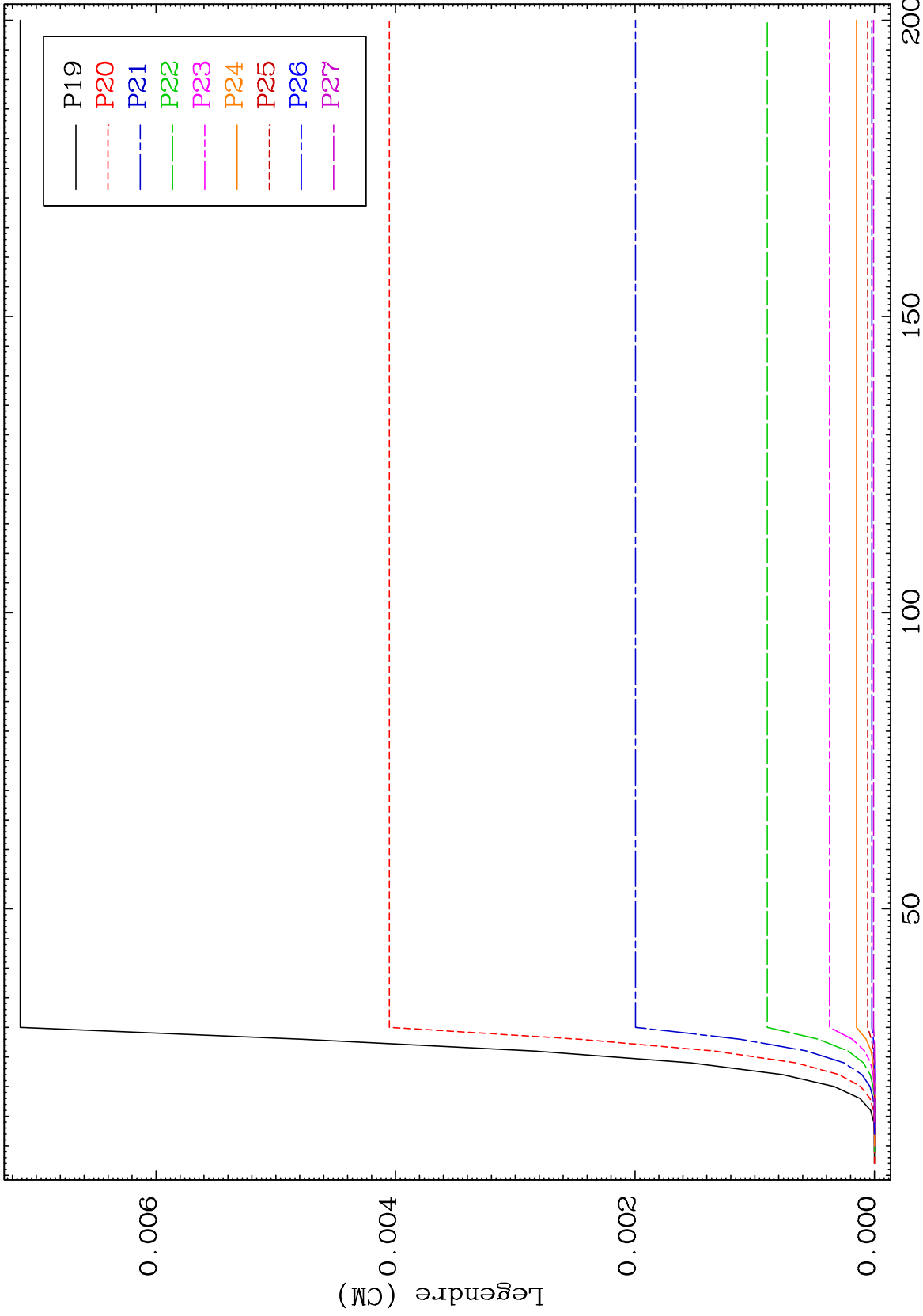
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



129

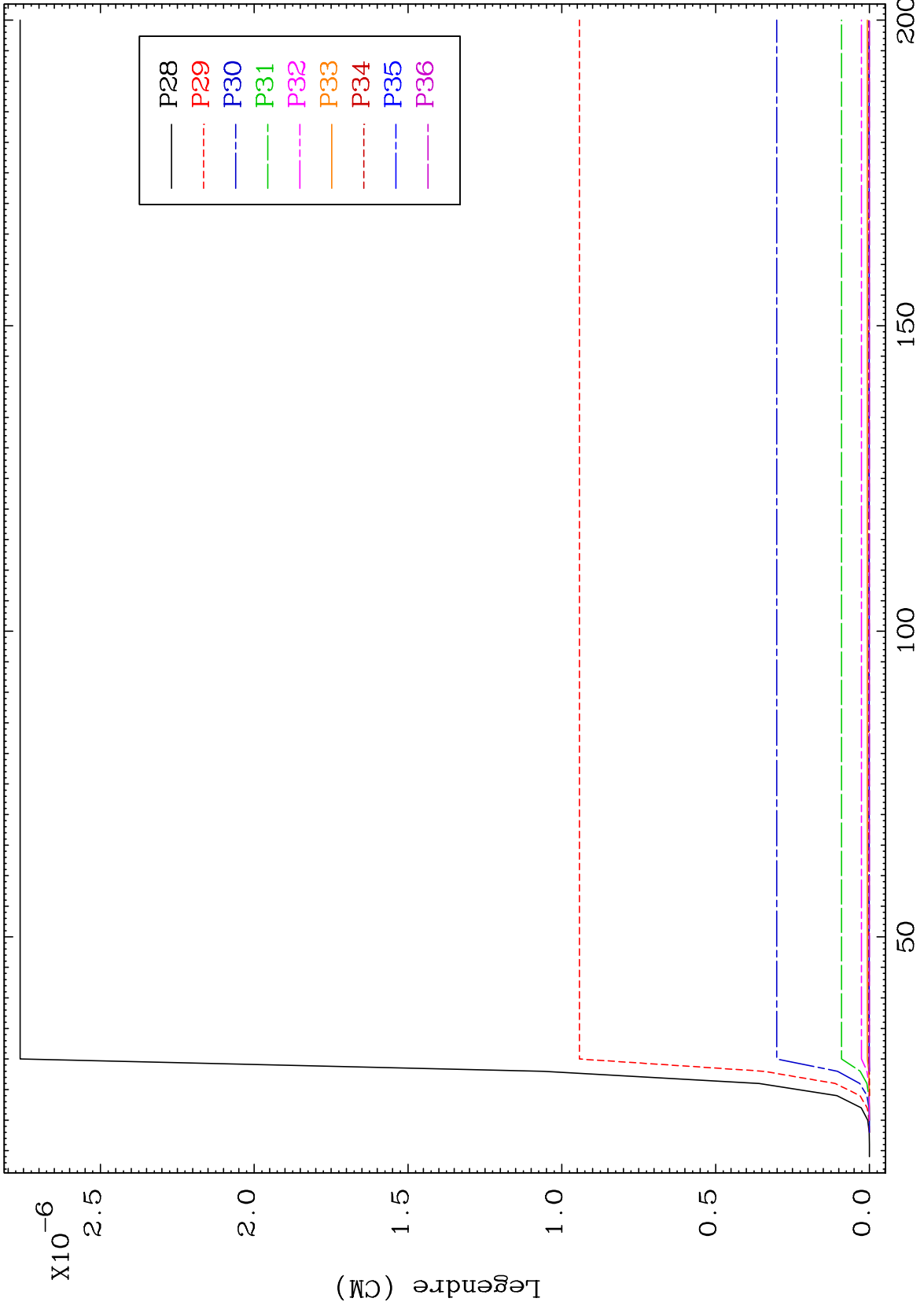
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



130

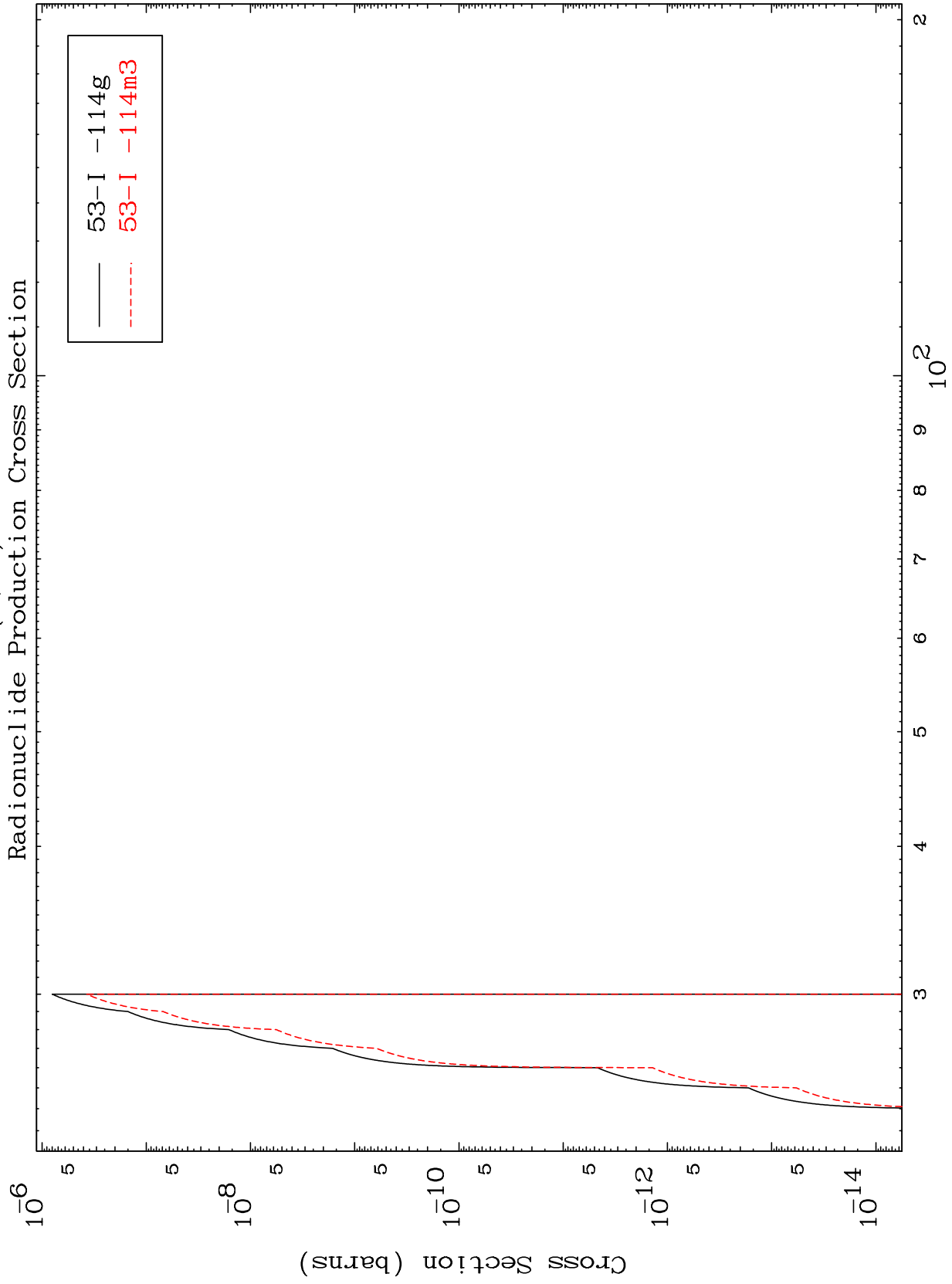
Incident Energy (MeV)

54-Xe-117

MAT 5404

(n,2n) d

54-Xe-117



131

Incident Energy (MeV)

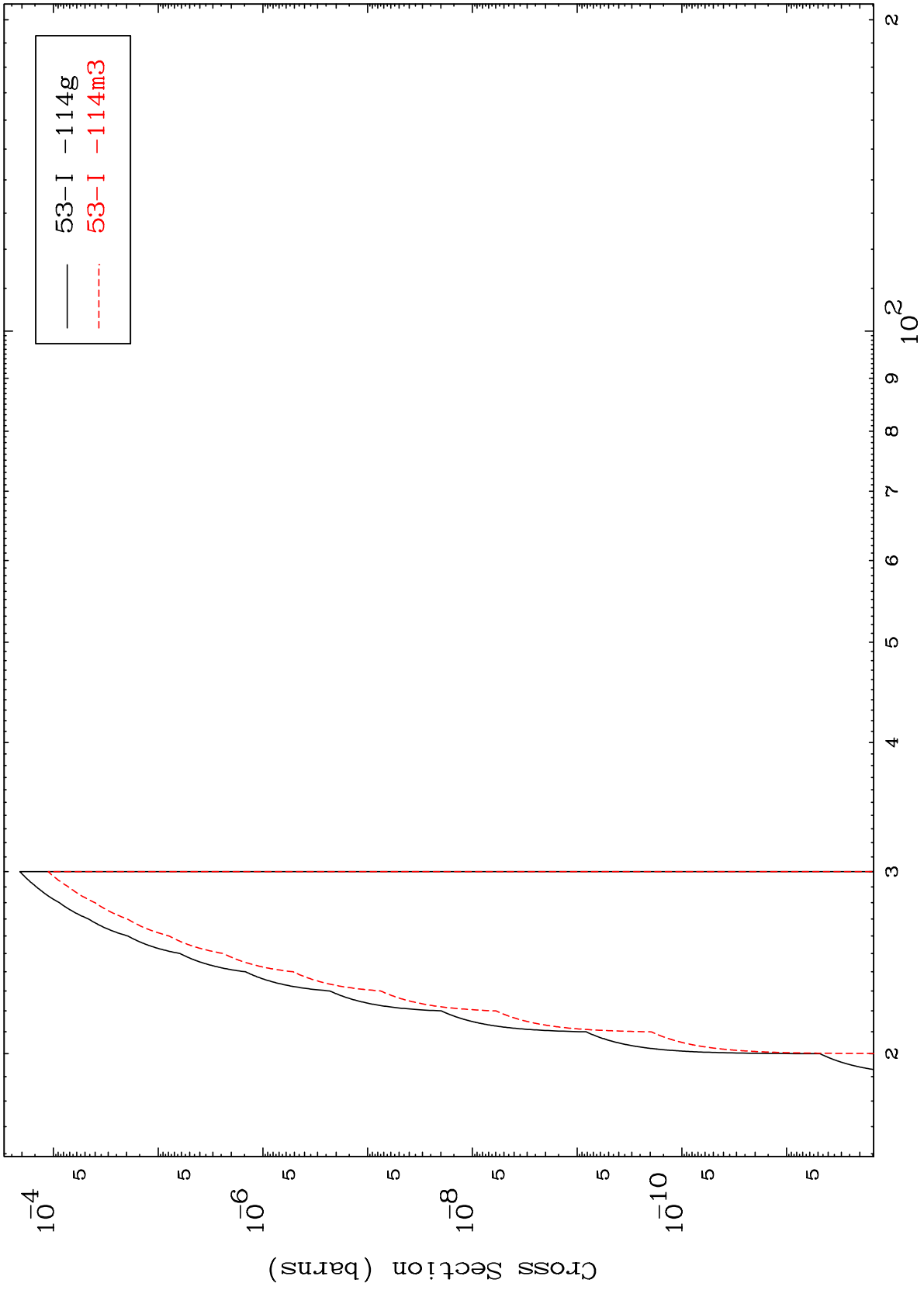
54-Xe-117

MAT 5404

(n,n') t

54-Xe-117

Radionuclide Production Cross Section



132

Incident Energy (MeV)

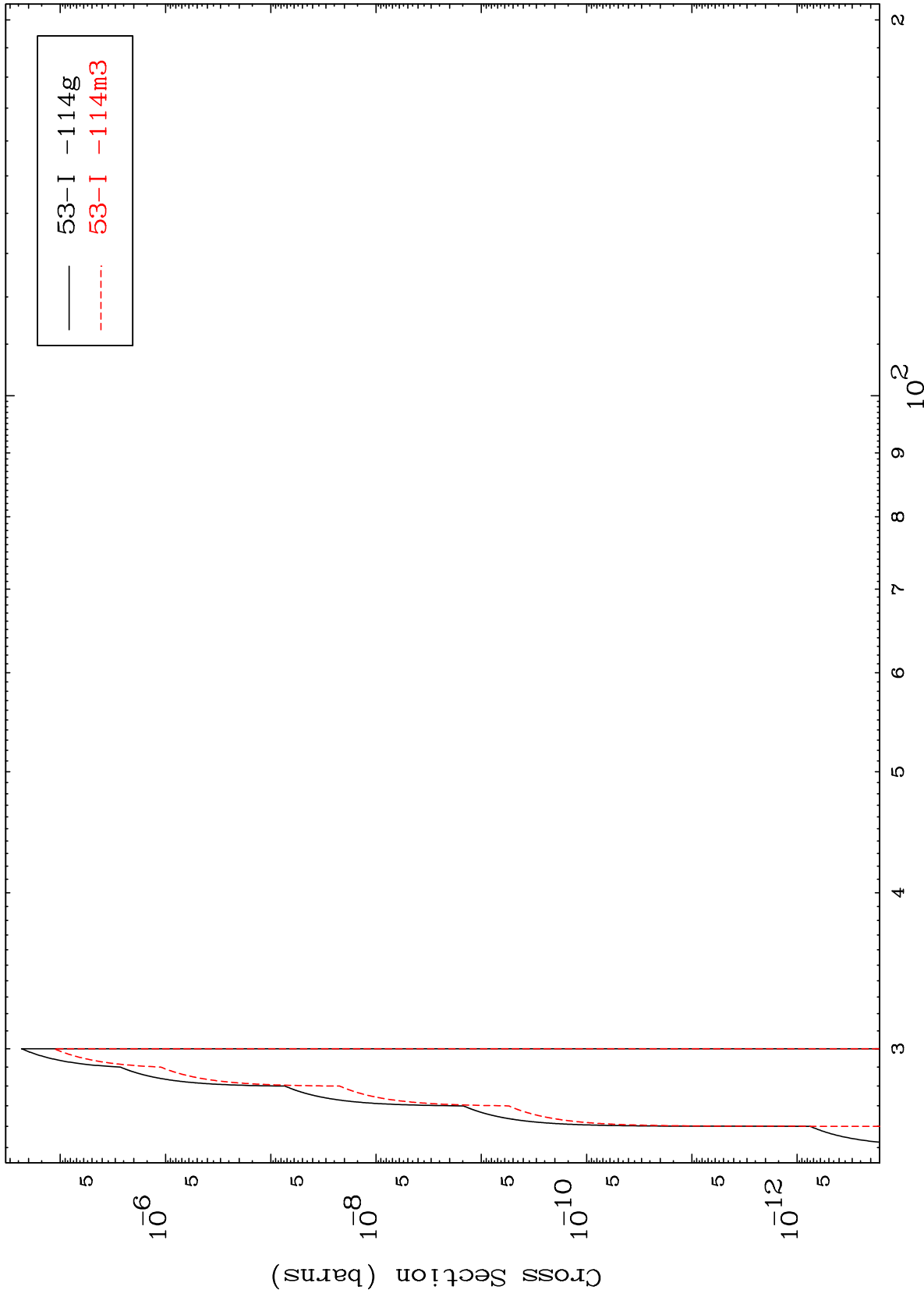
54-Xe-117

MAT 5404

(n,3n) p

54-Xe-117

Radionuclide Production Cross Section



133

Incident Energy (MeV)

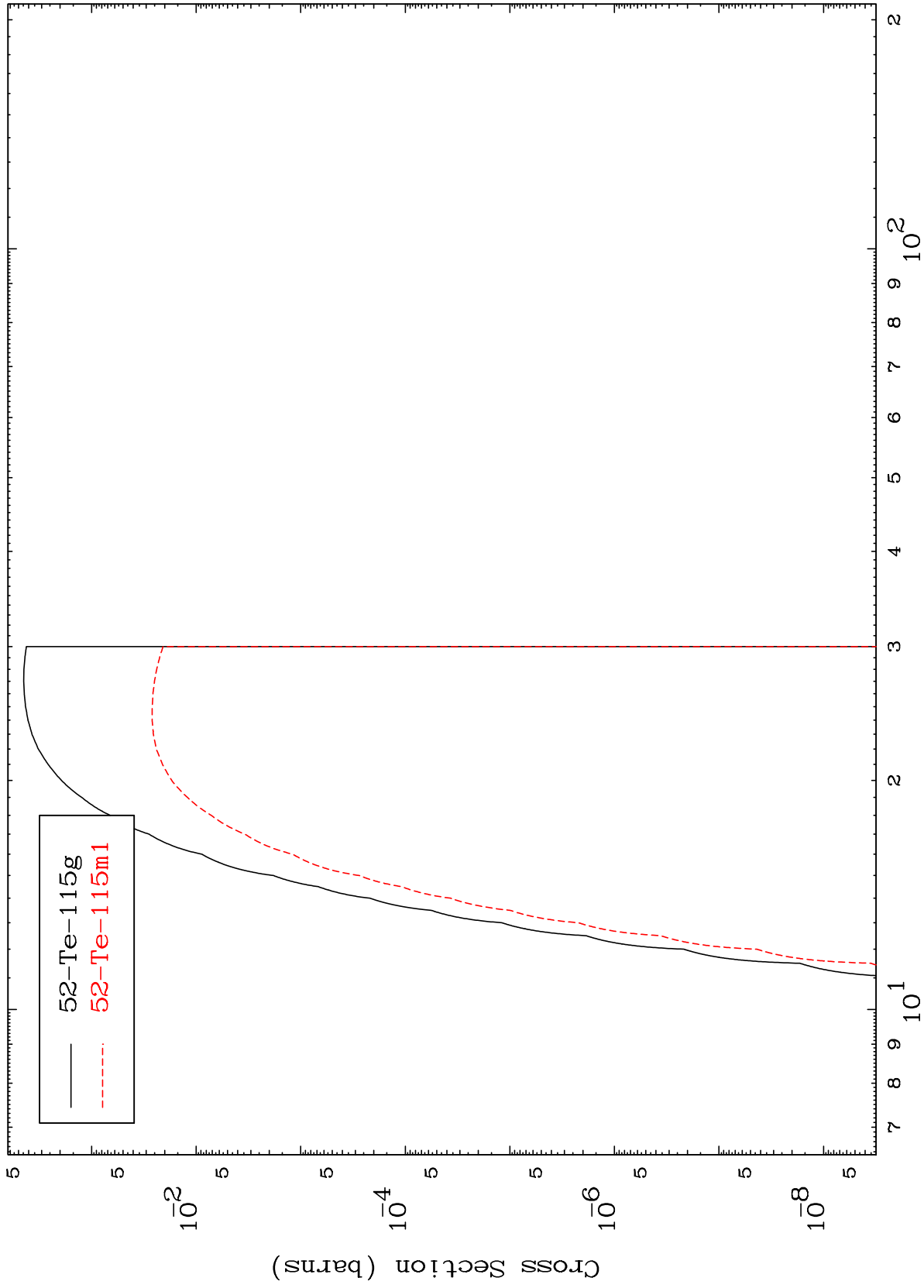
54-Xe-117

MAT 5404

(n,2n) p

54-Xe-117

Radionuclide Production Cross Section



134

Incident Energy (MeV)

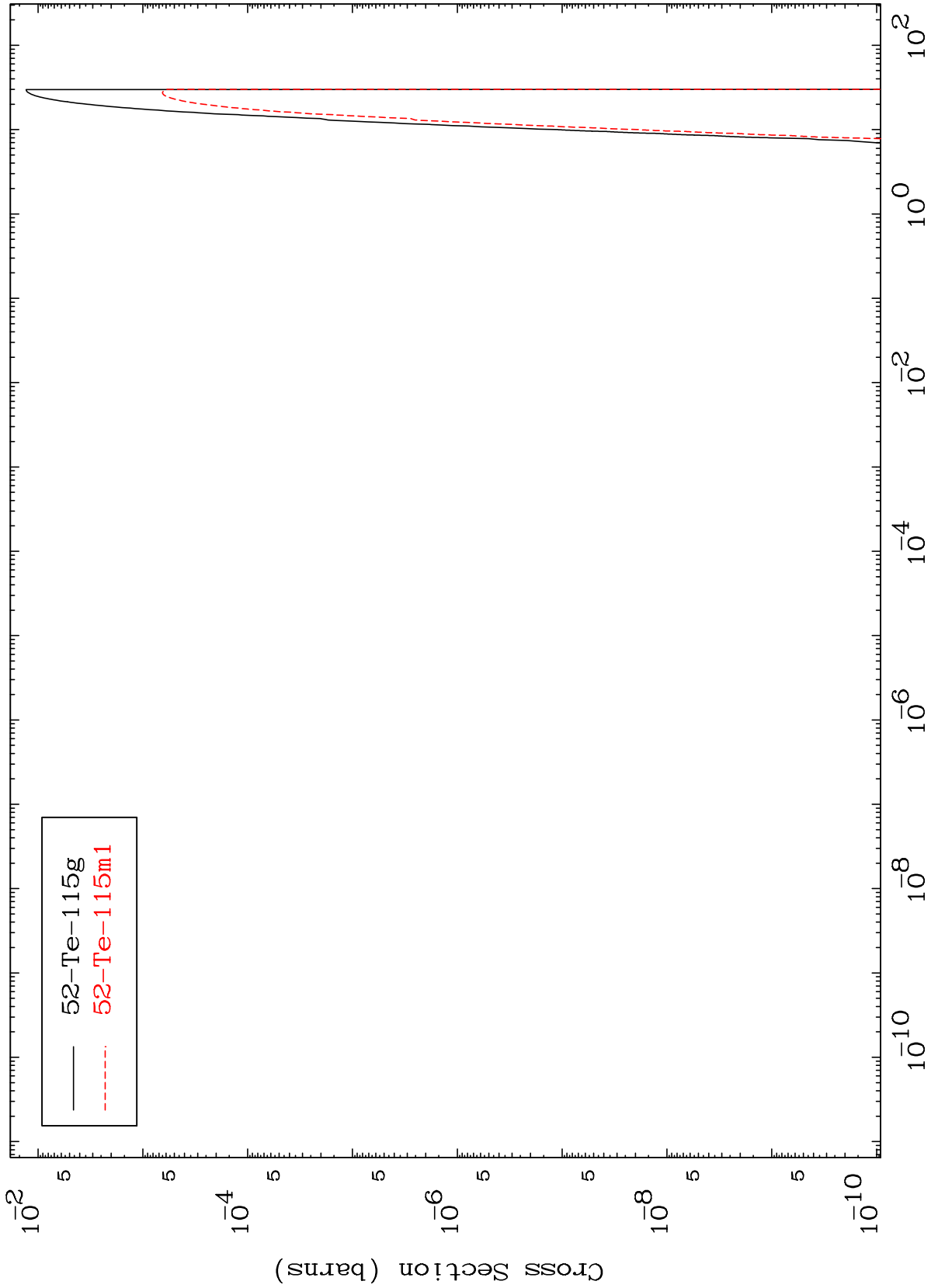
54-Xe-117

MAT 5404

(n, He-3)

54-Xe-117

Radionuclide Production Cross Section



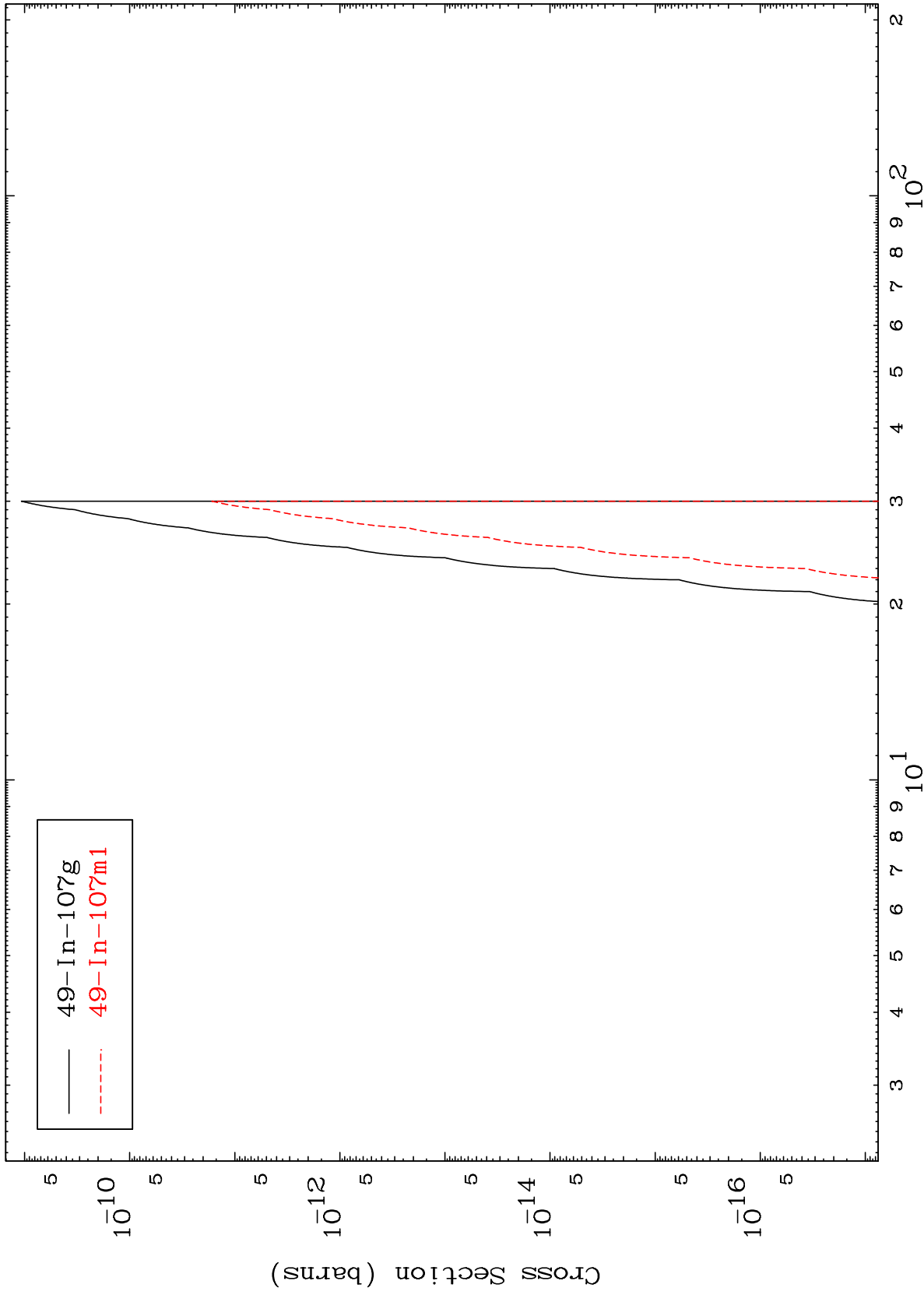
52-Te-115g  
52-Te-115m1

MAT 5404

(n, t)  $2\alpha$

54-Xe-117

Radionuclide Production Cross Section



136

Incident Energy (MeV)

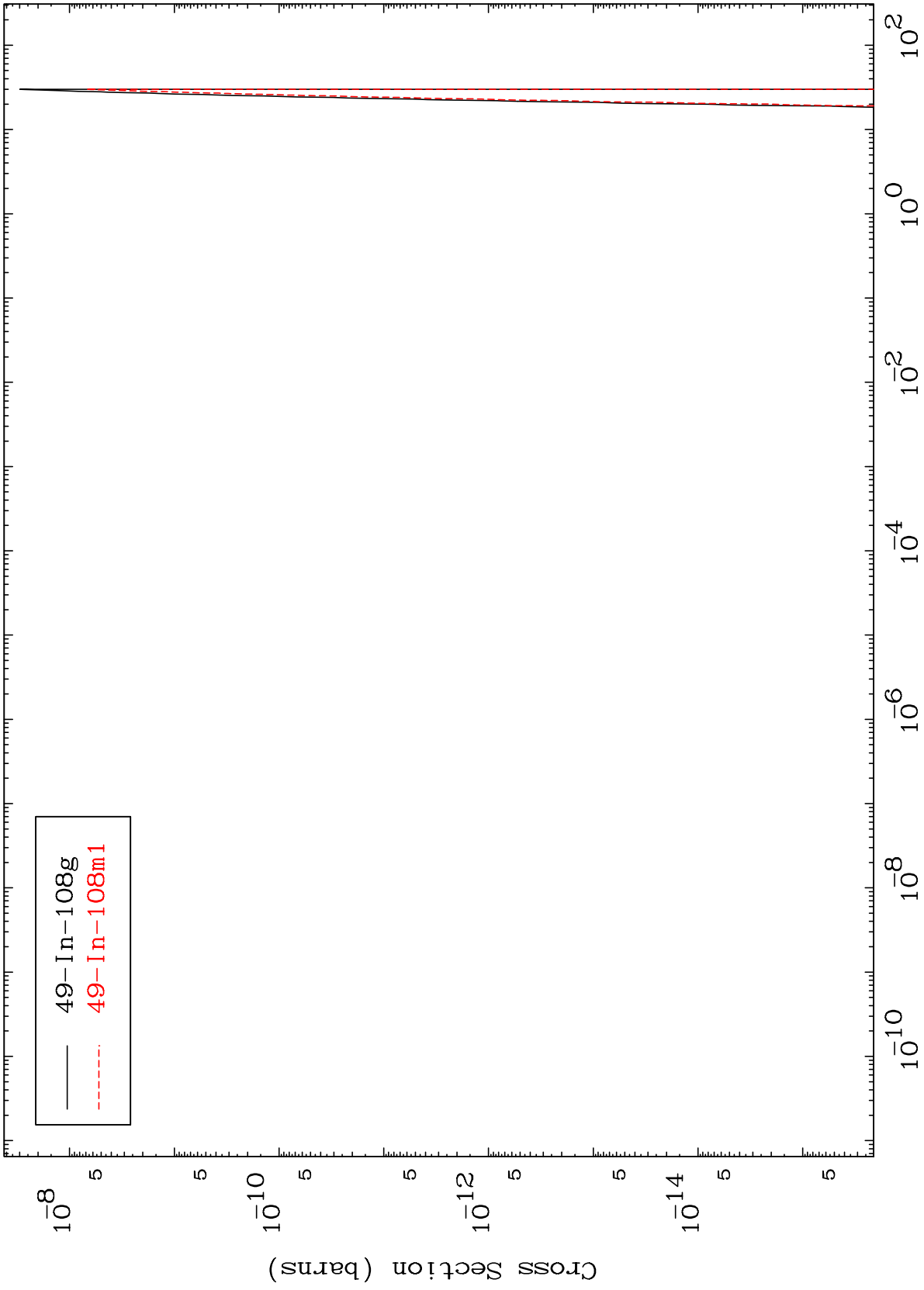
54-Xe-117

MAT 5404

(n,d)  $2\alpha$

54-Xe-117

Radionuclide Production Cross Section



137

Incident Energy (MeV)

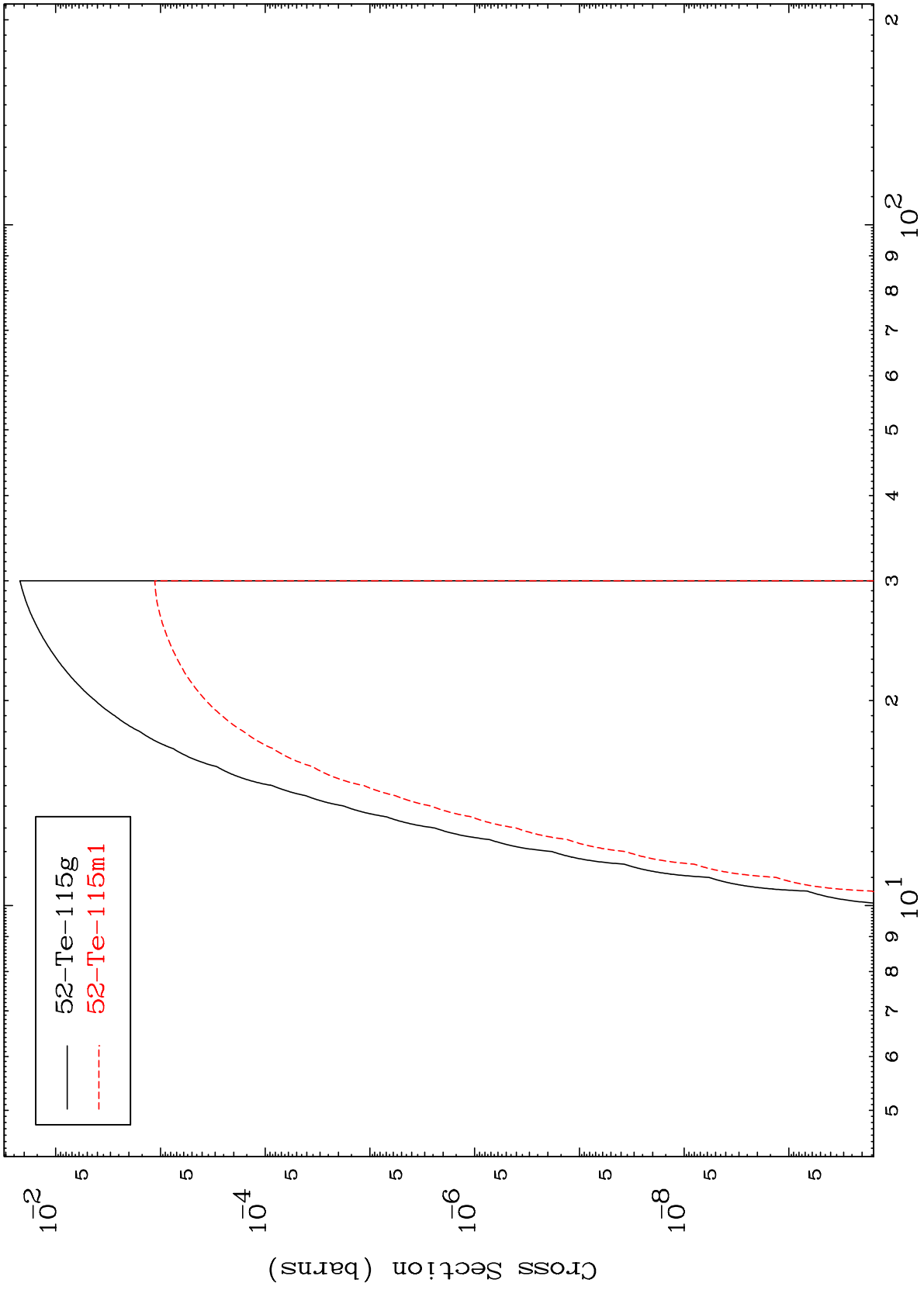
54-Xe-117

MAT 5404

(n,p) d

54-Xe-117

Radionuclide Production Cross Section



138

Incident Energy (MeV)

54-Xe-117