

Program EVALPLOT
(Version 2018-1)

by

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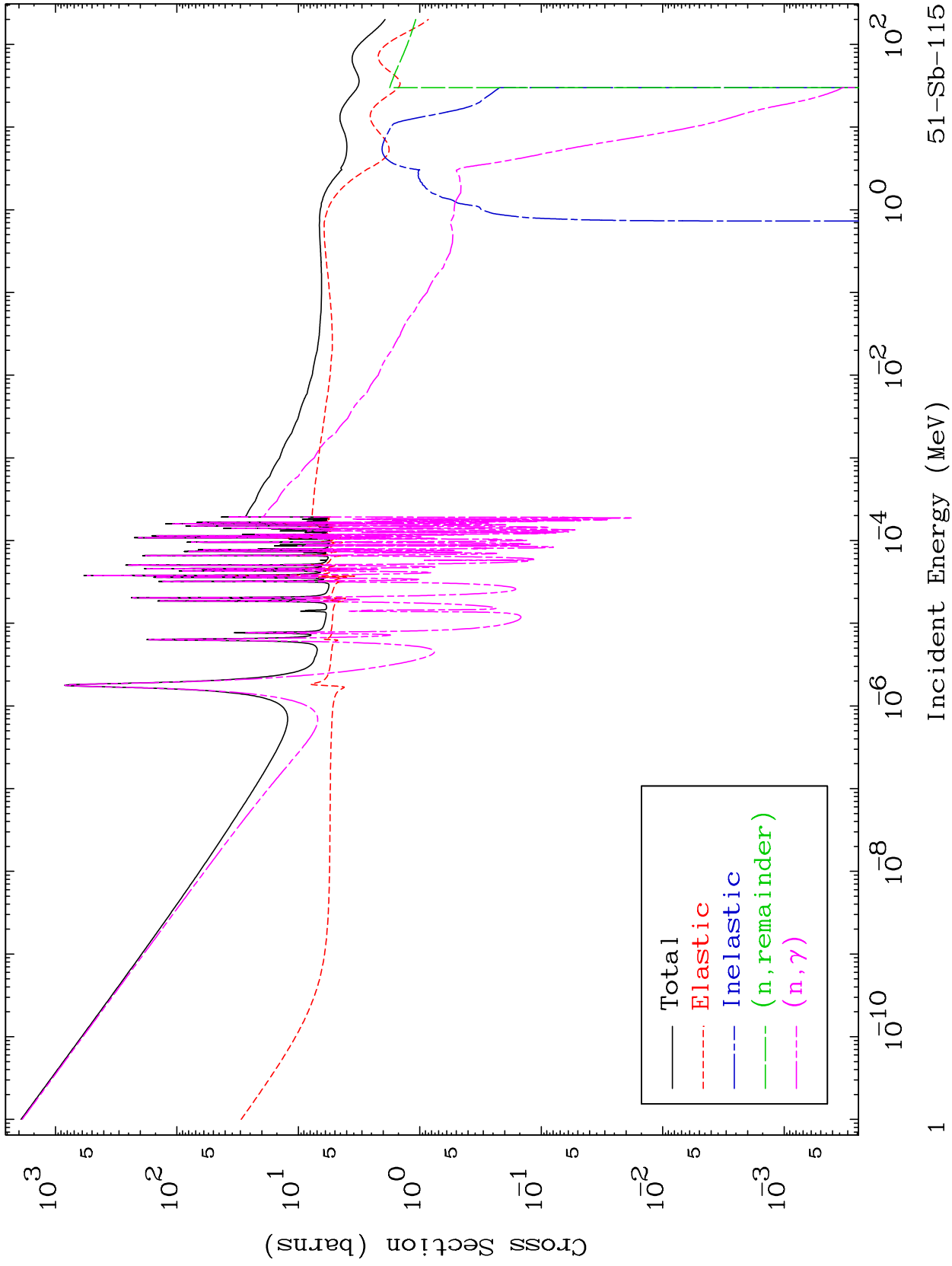
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5107

Major
293 Kelvin Cross Sections

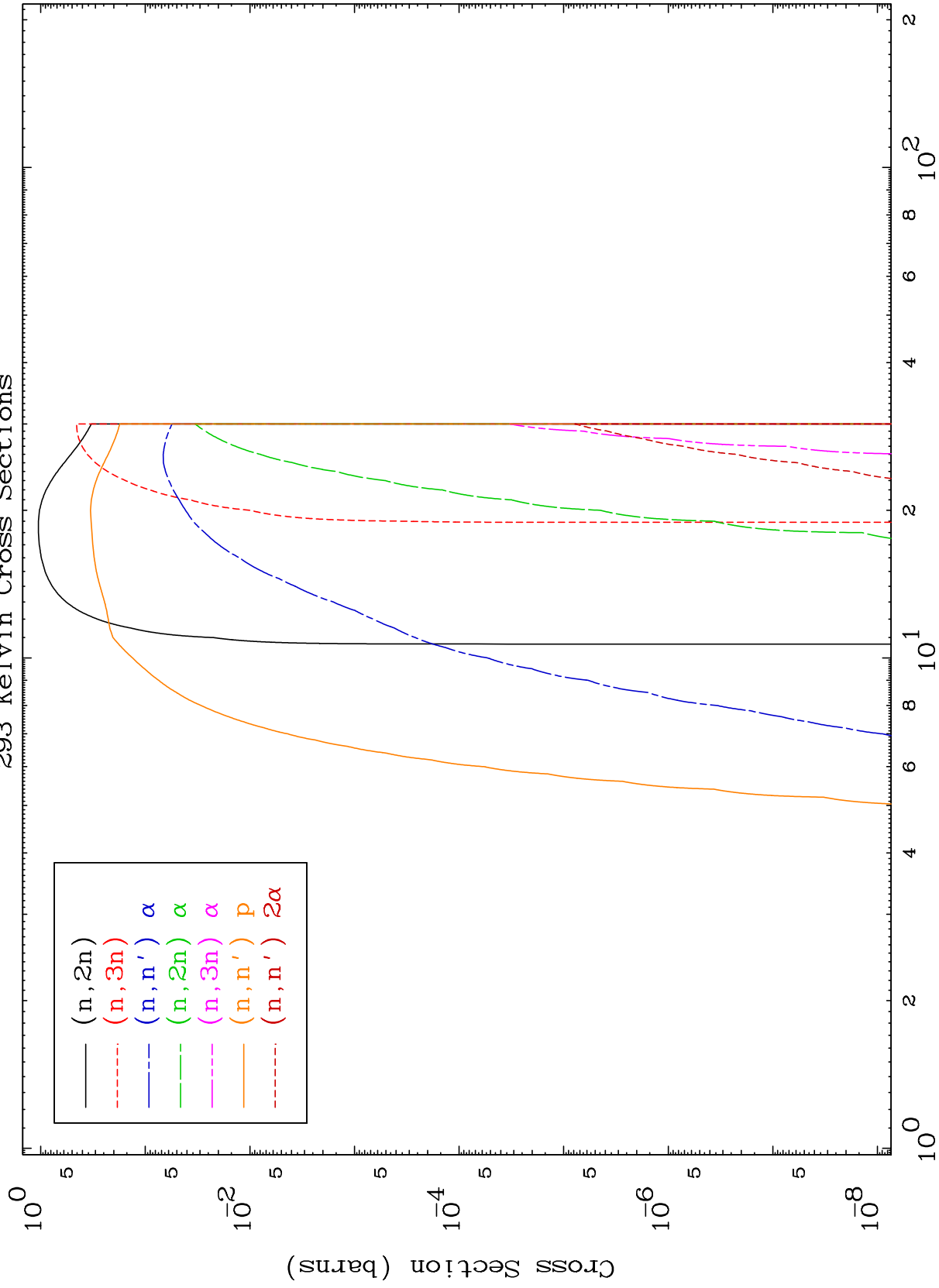
51-Sb-115



MAT 5107

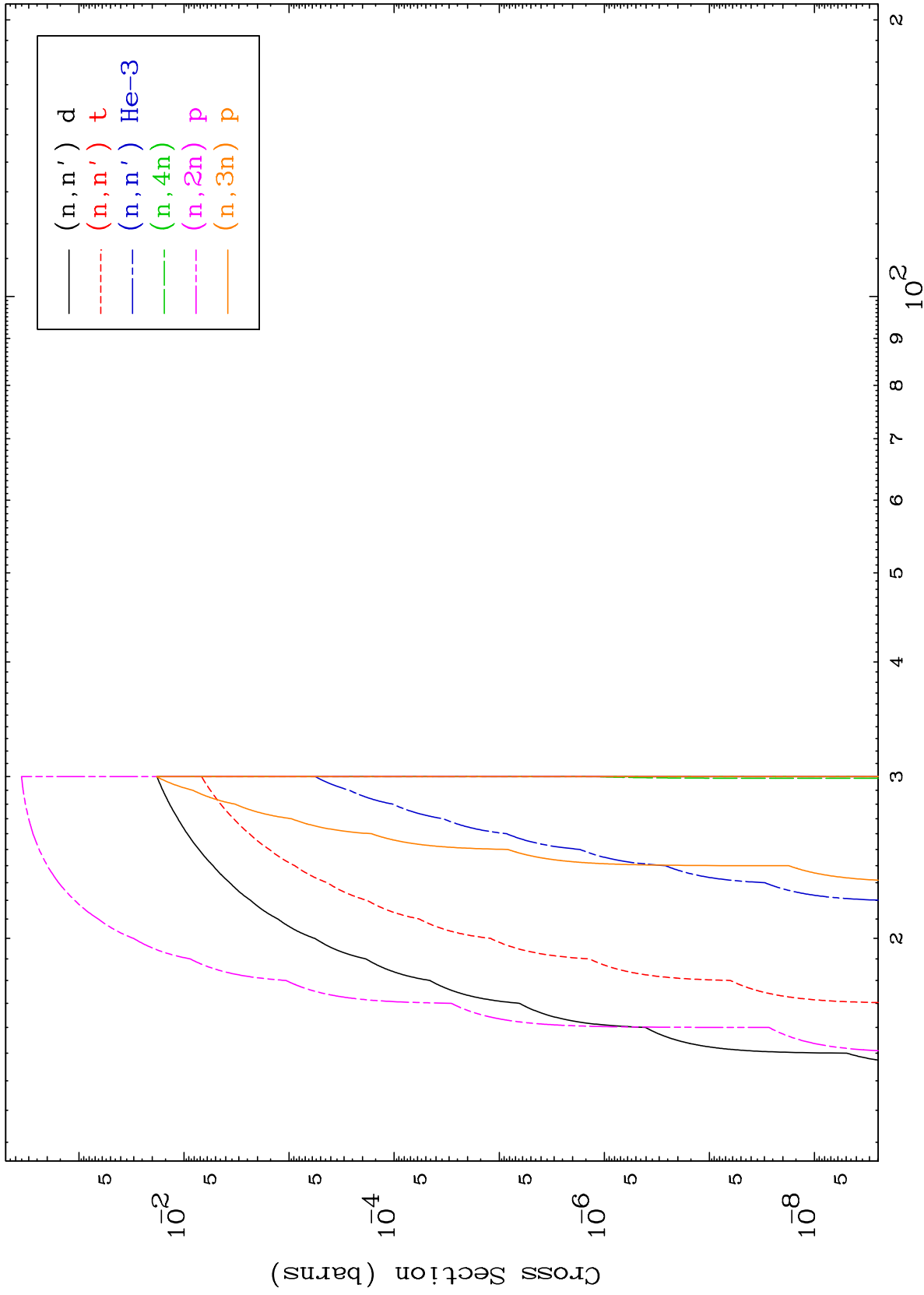
Neutron Production
293 Kelvin Cross Sections

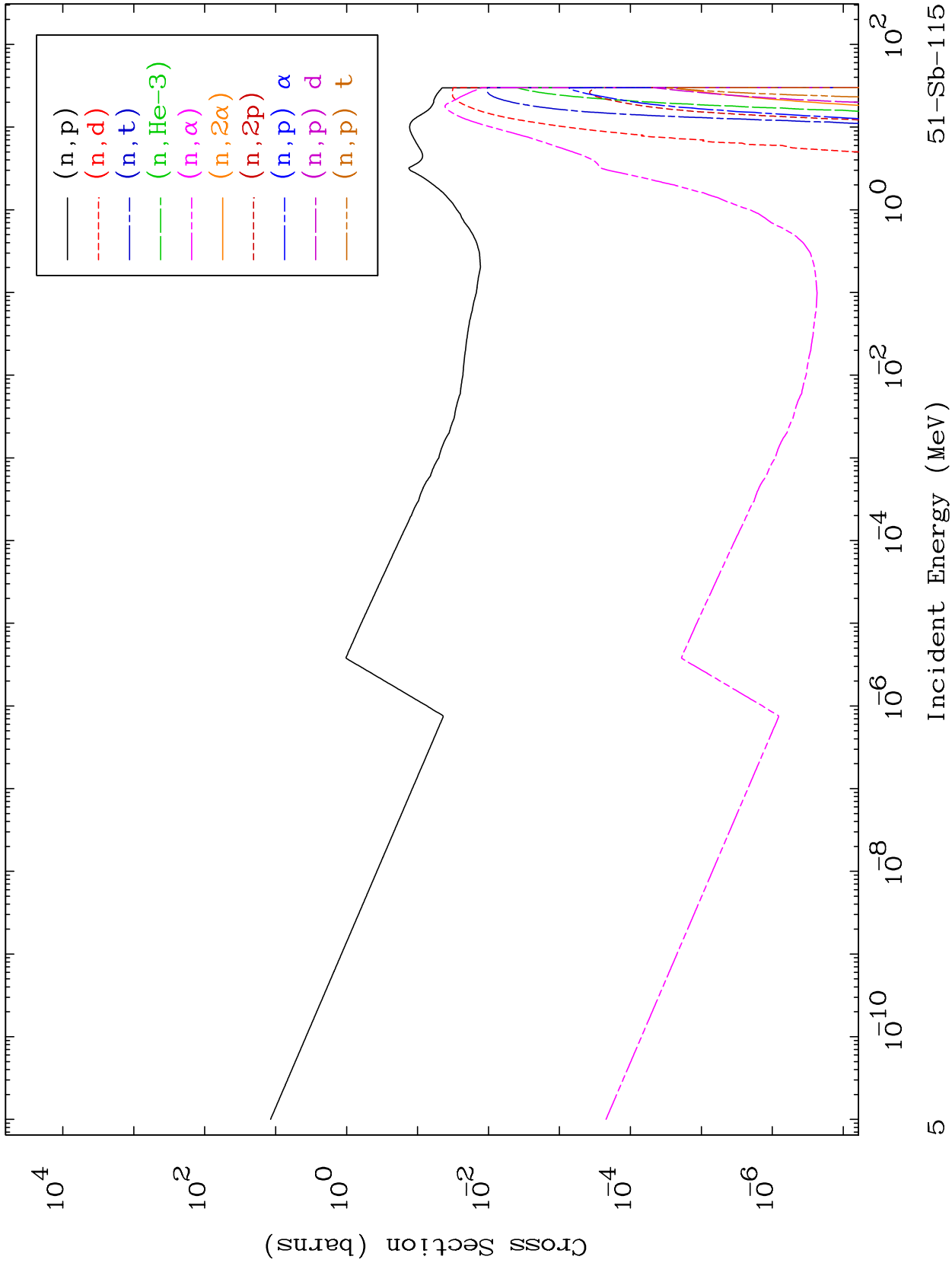
51-Sb-115

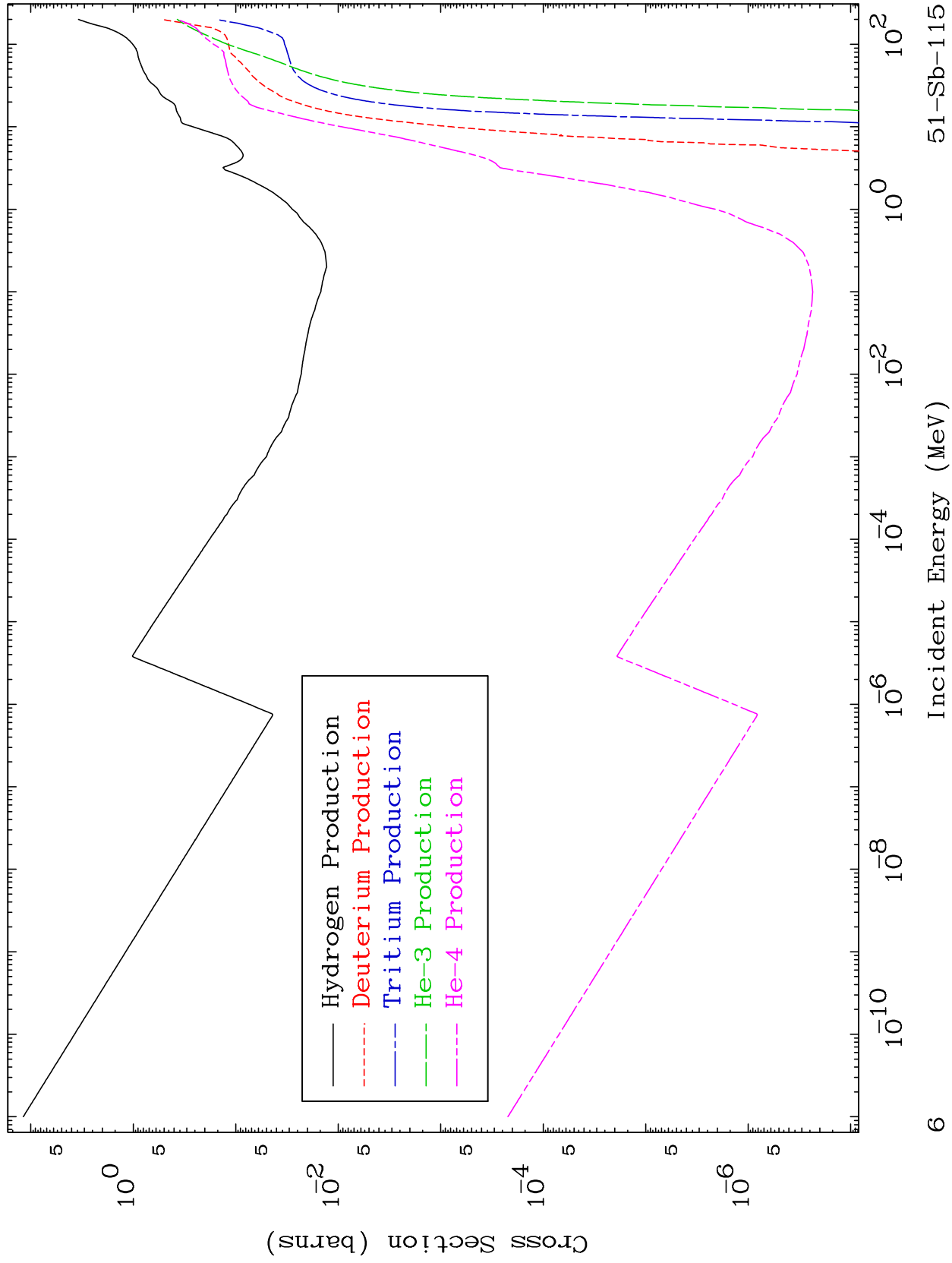


Incident Energy (MeV)

51-Sb-115



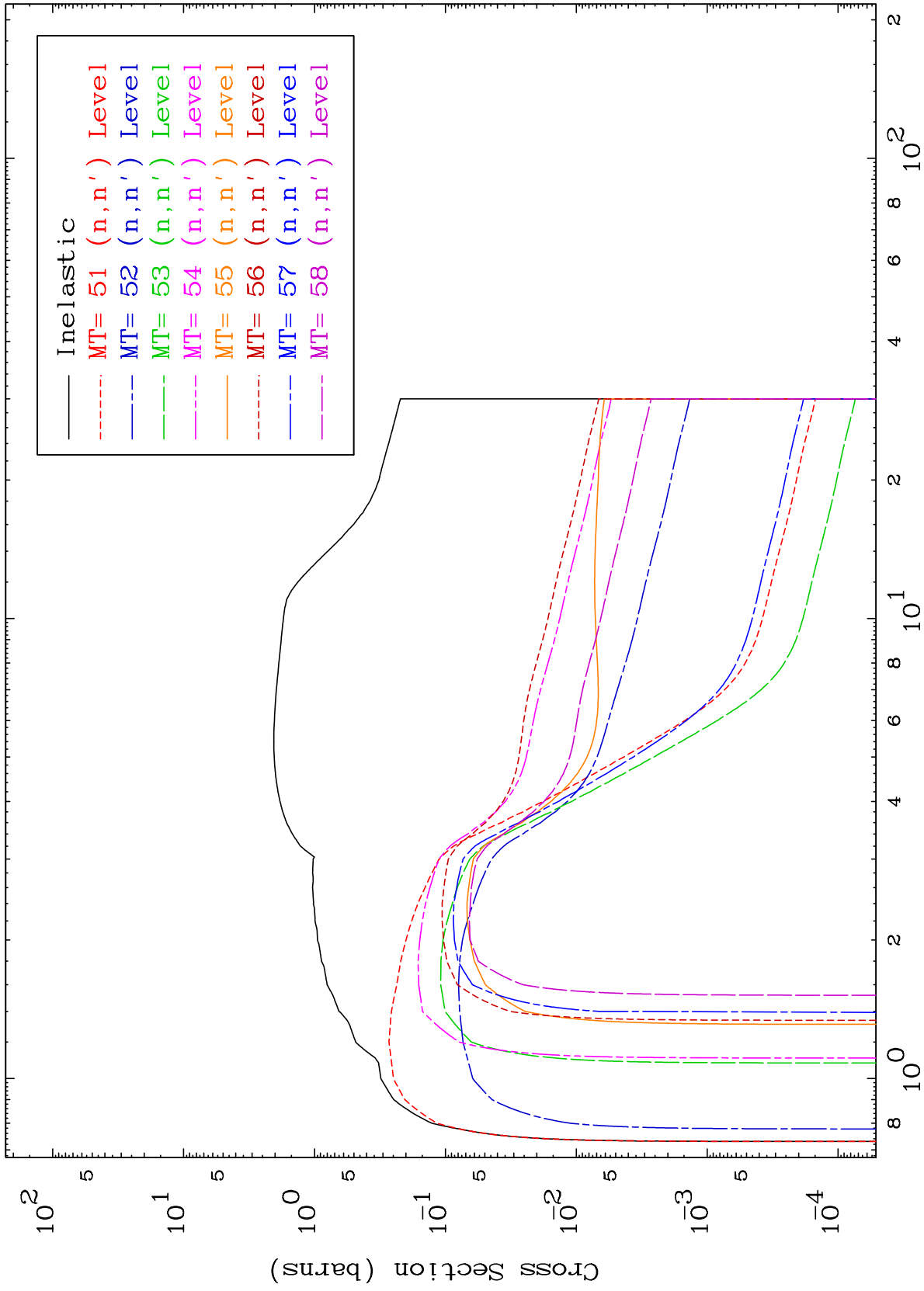




MAT 5107

(n,n') Level
293 Kelvin Cross Sections

51-Sb-115



7

Incident Energy (MeV)

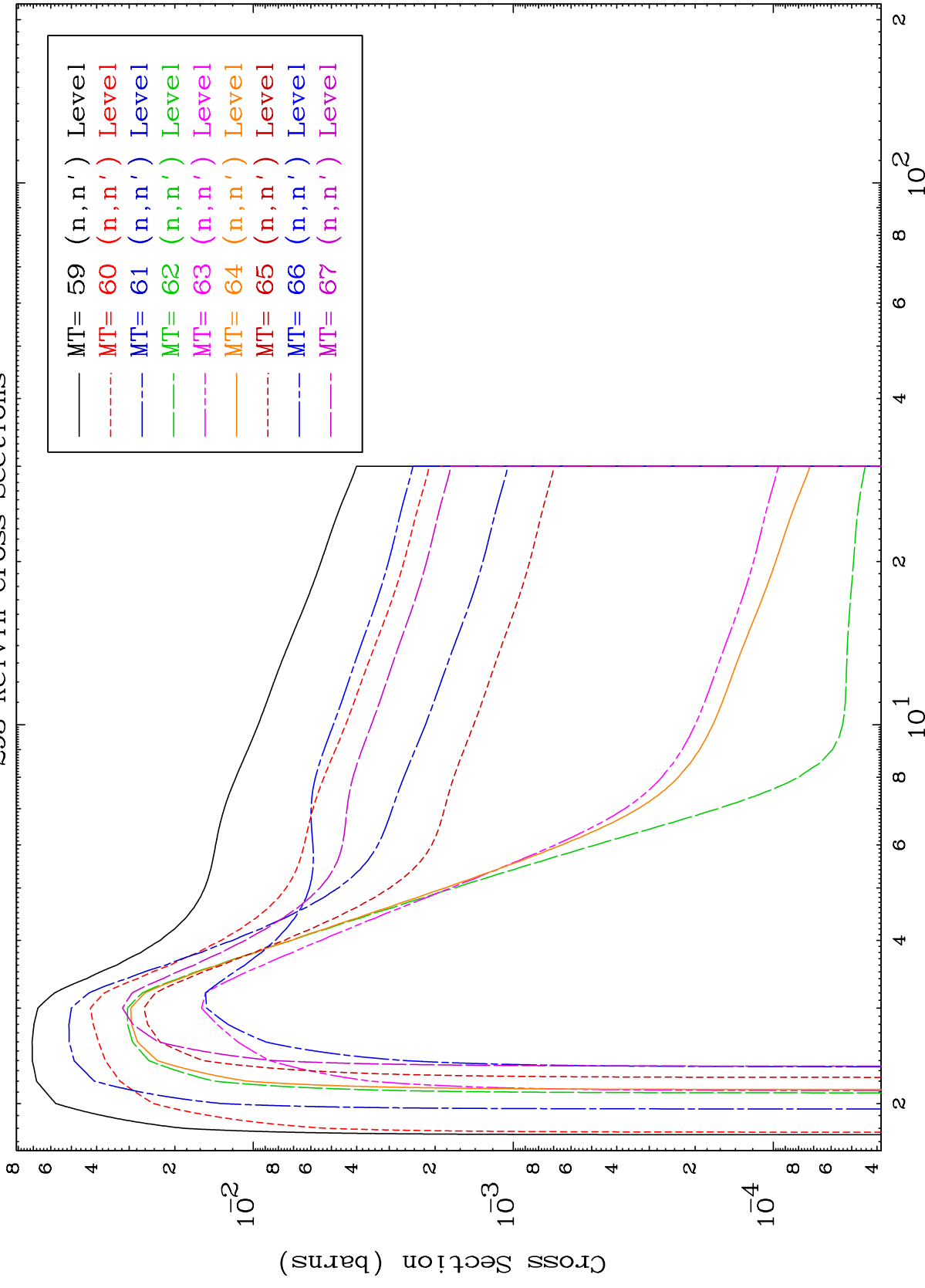
51-Sb-115

MAT 5107

(n,n') Level

293 Kelvin Cross Sections

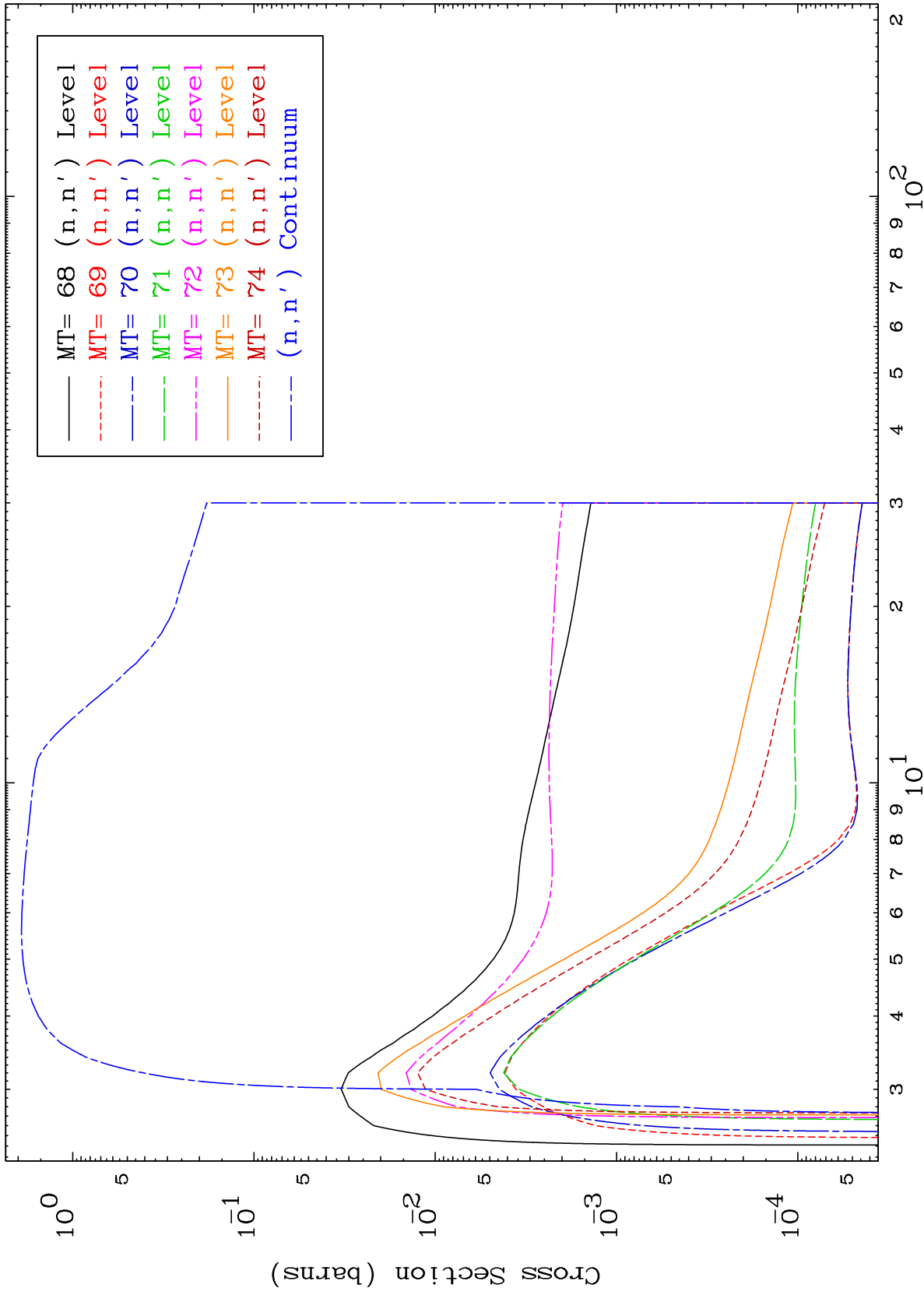
51-Sb-115



8

Incident Energy (MeV)

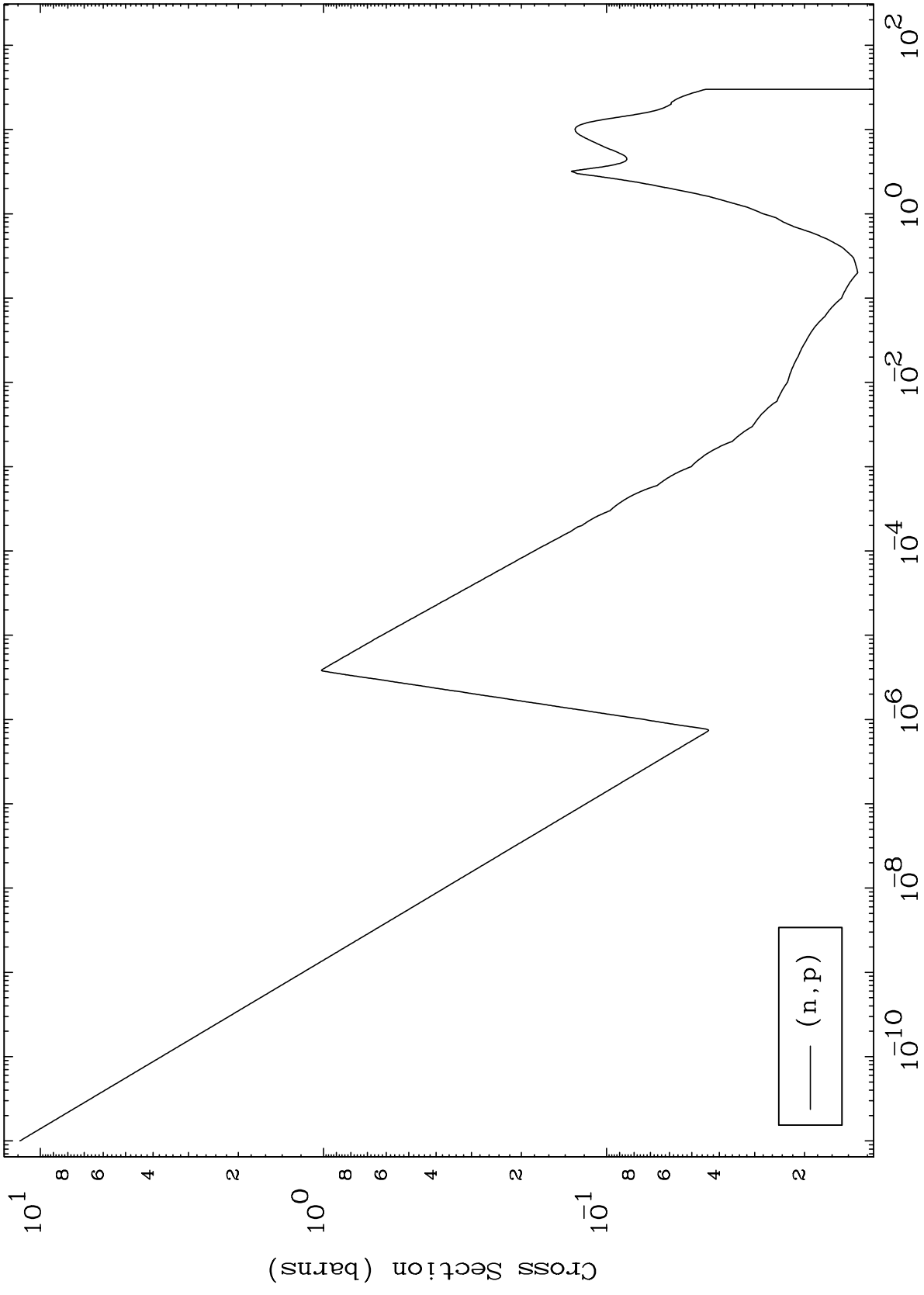
51-Sb-115



MAT 5107

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-115



10

Incident Energy (MeV)

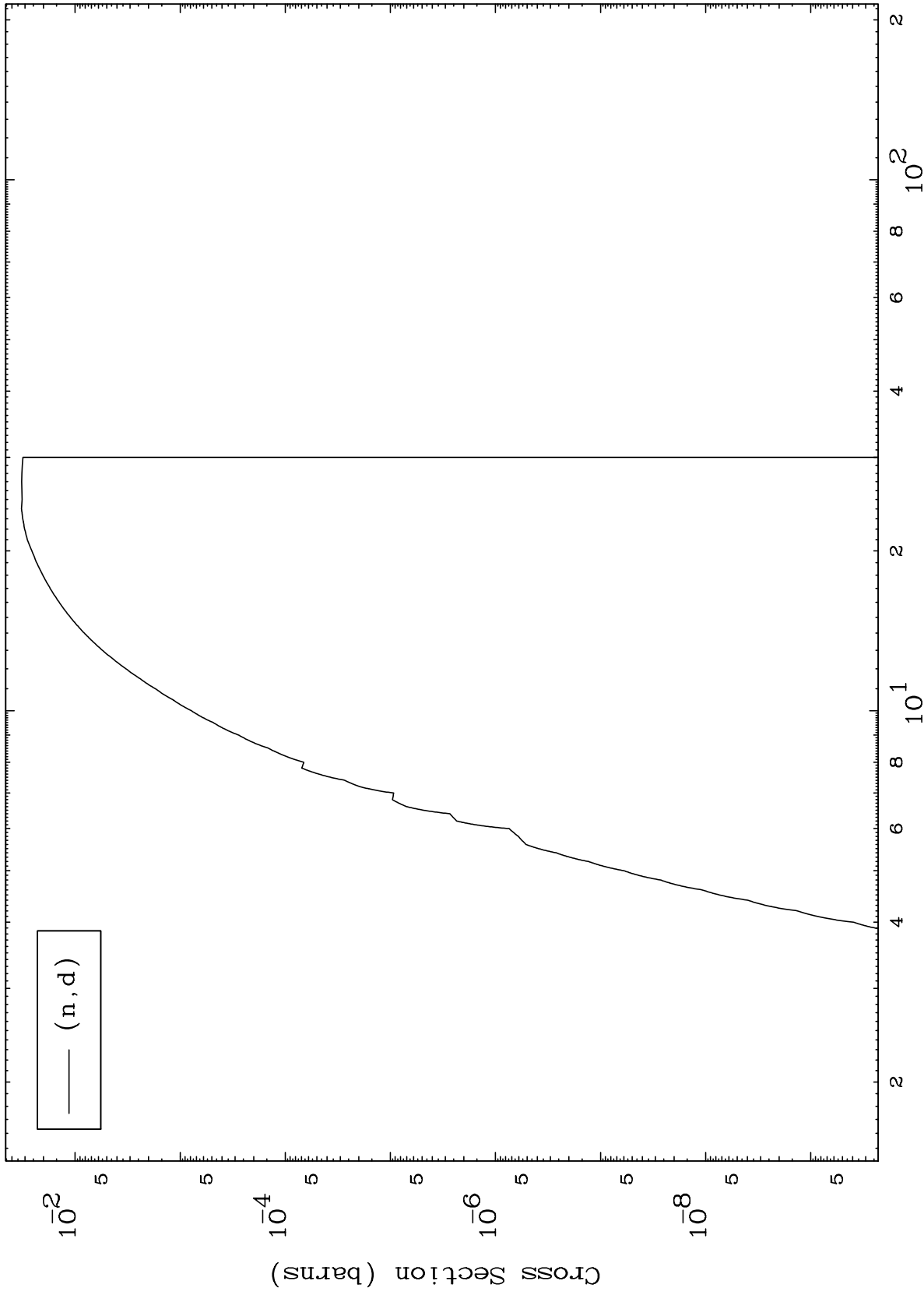
51-Sb-115

— (n, p)

MAT 5107

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-115



11

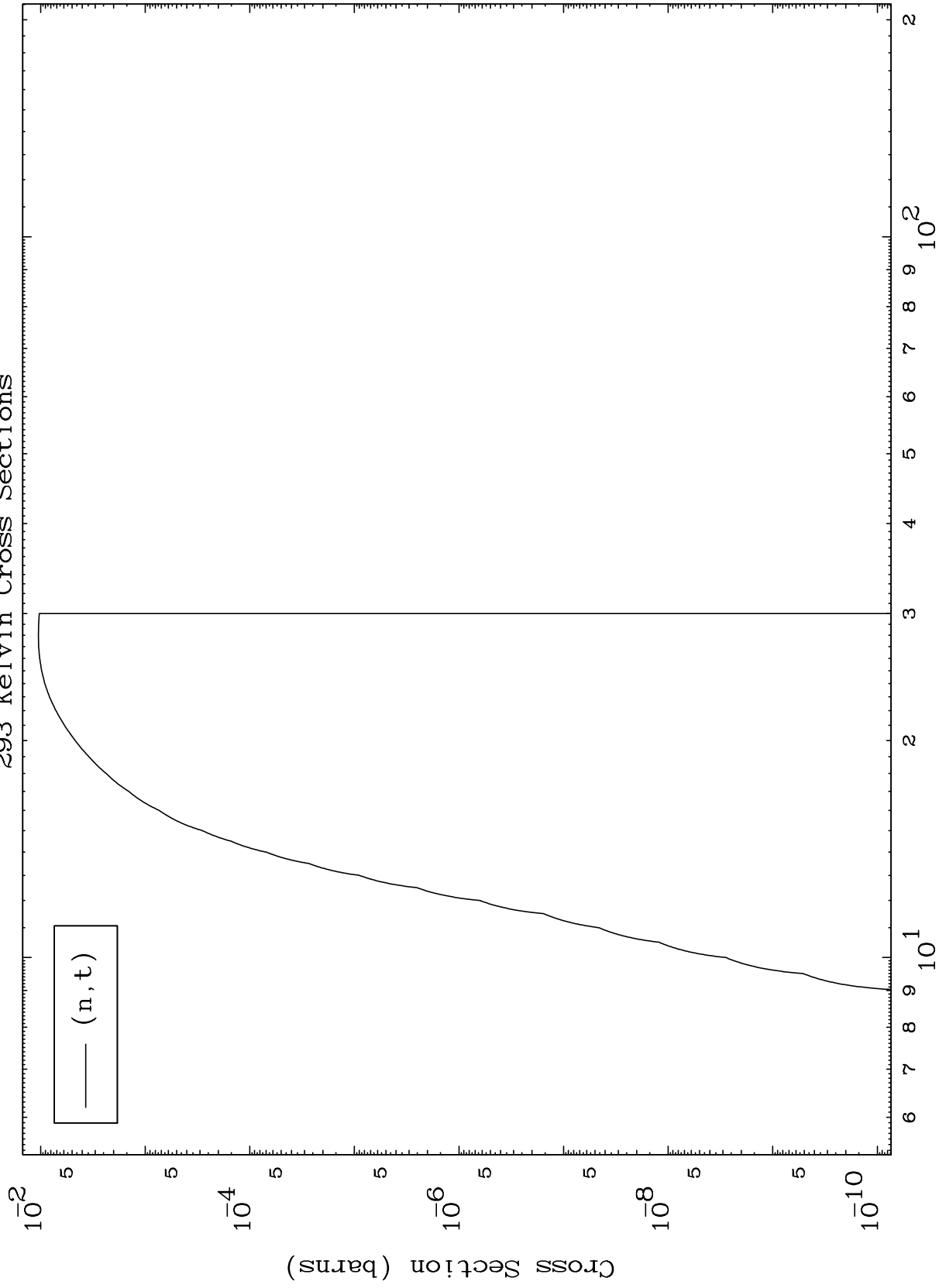
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,t) Levels
293 Kelvin Cross Sections

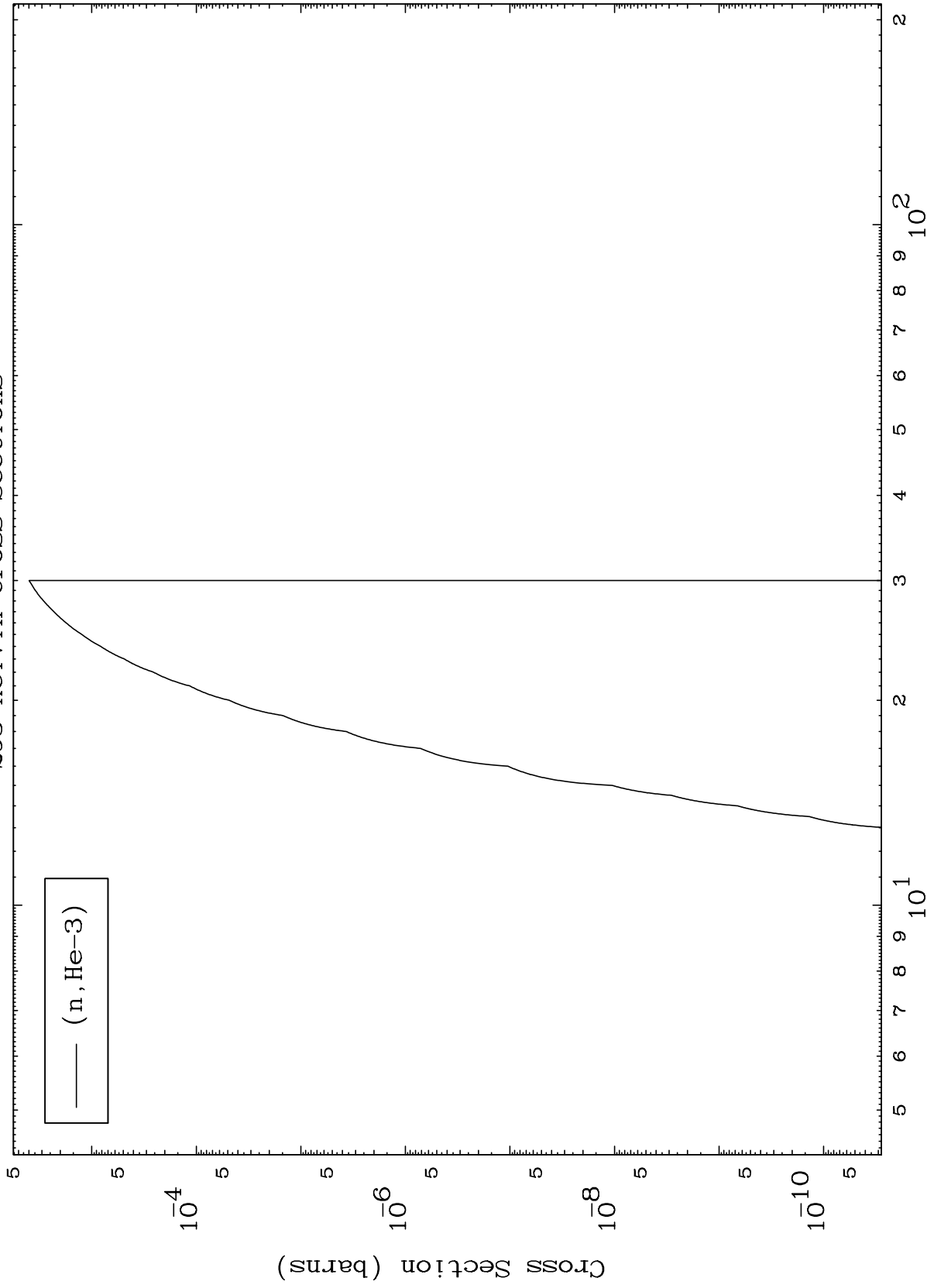
51-Sb-115



12

Incident Energy (MeV)

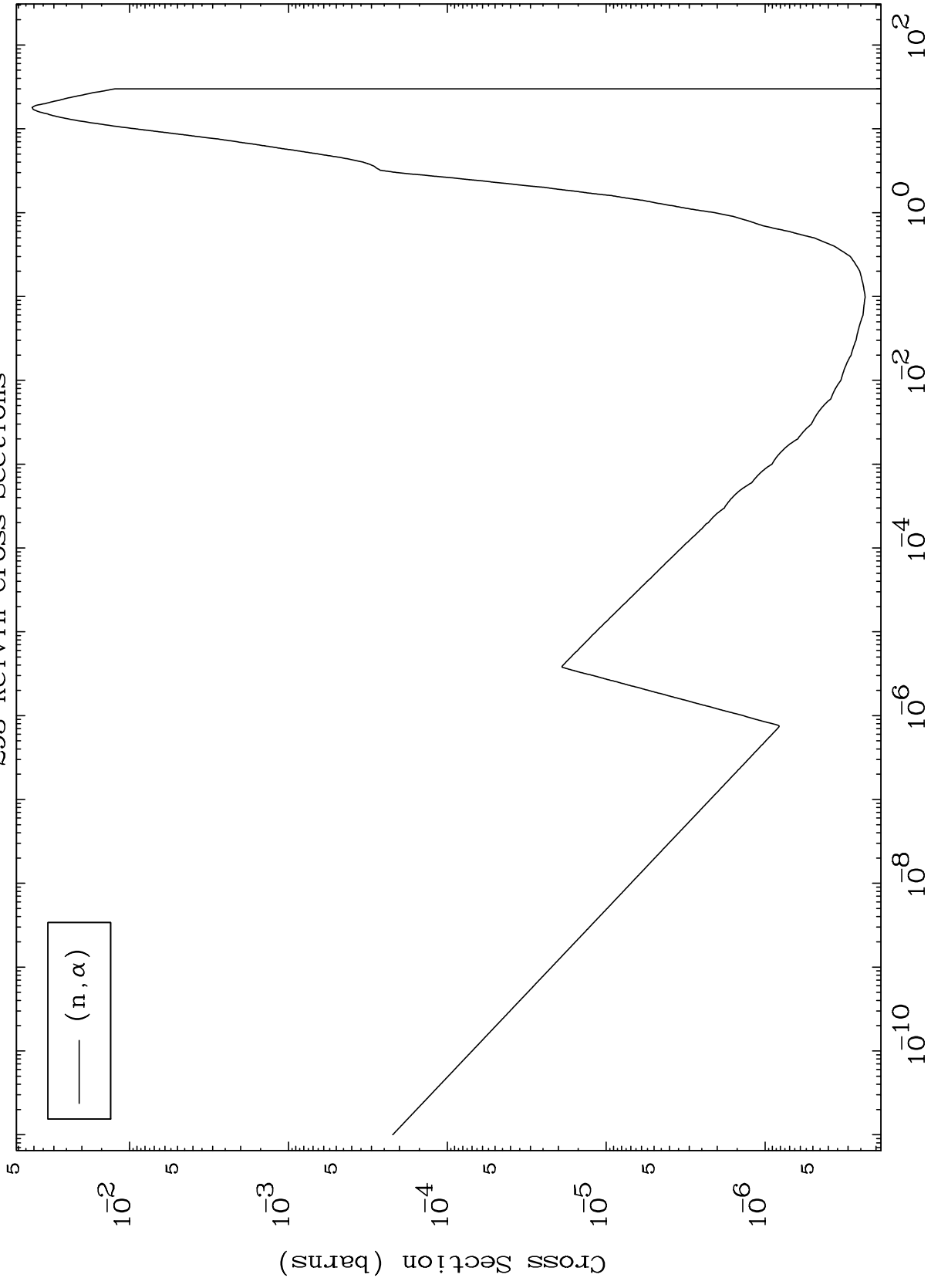
51-Sb-115

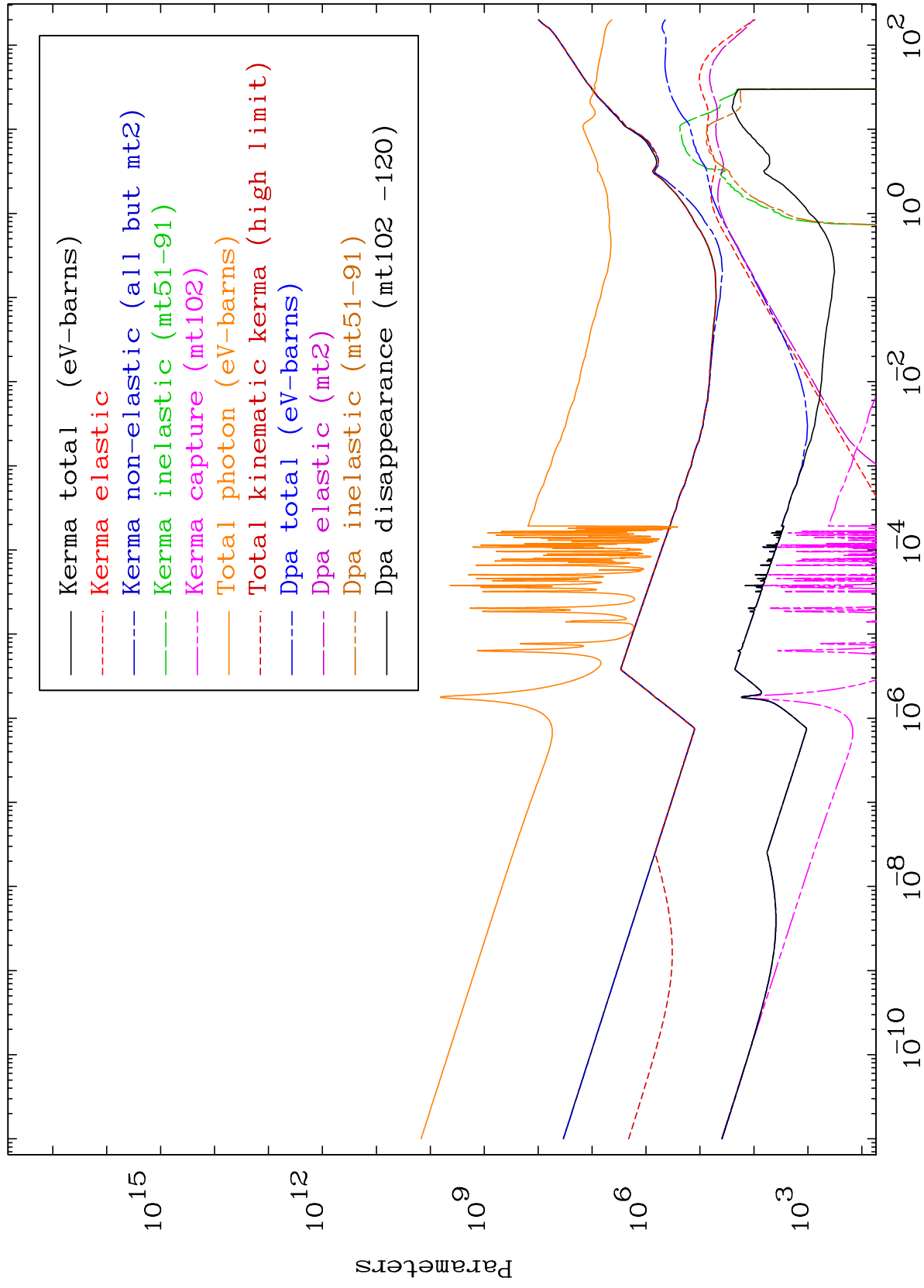


MAT 5107

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-115

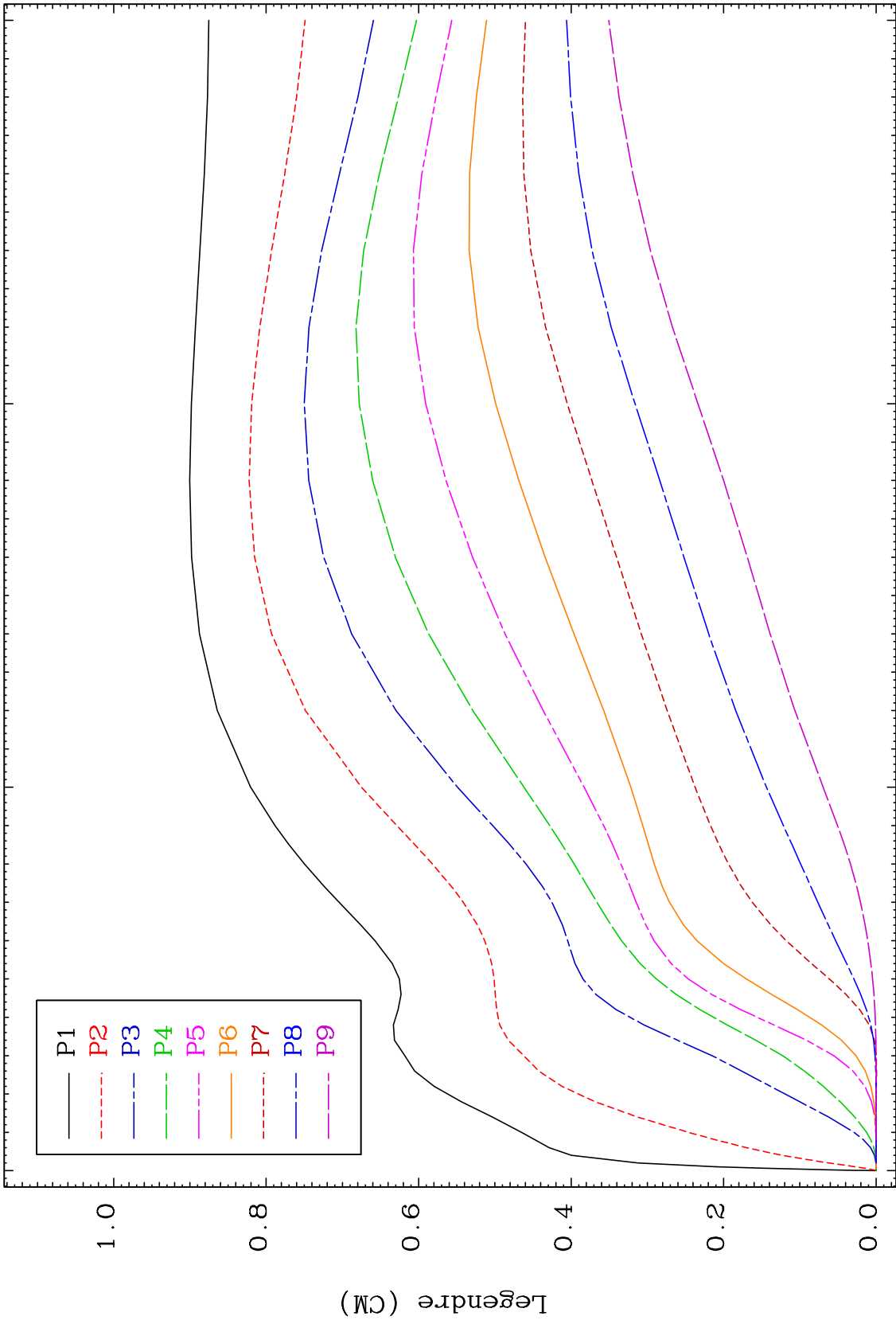




MAT 5107

Elastic Legendre Coefficients

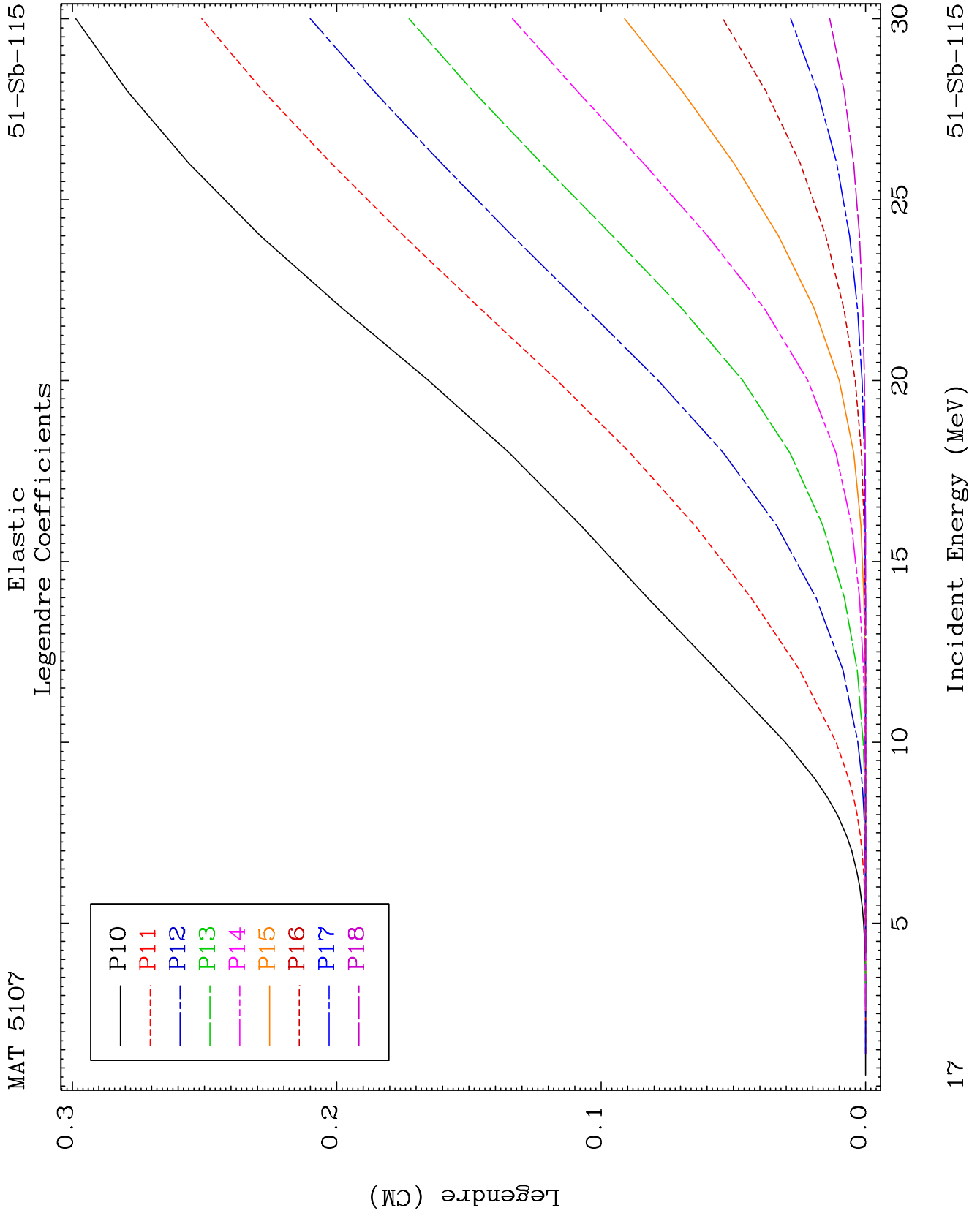
51-Sb-115



16

Incident Energy (MeV)

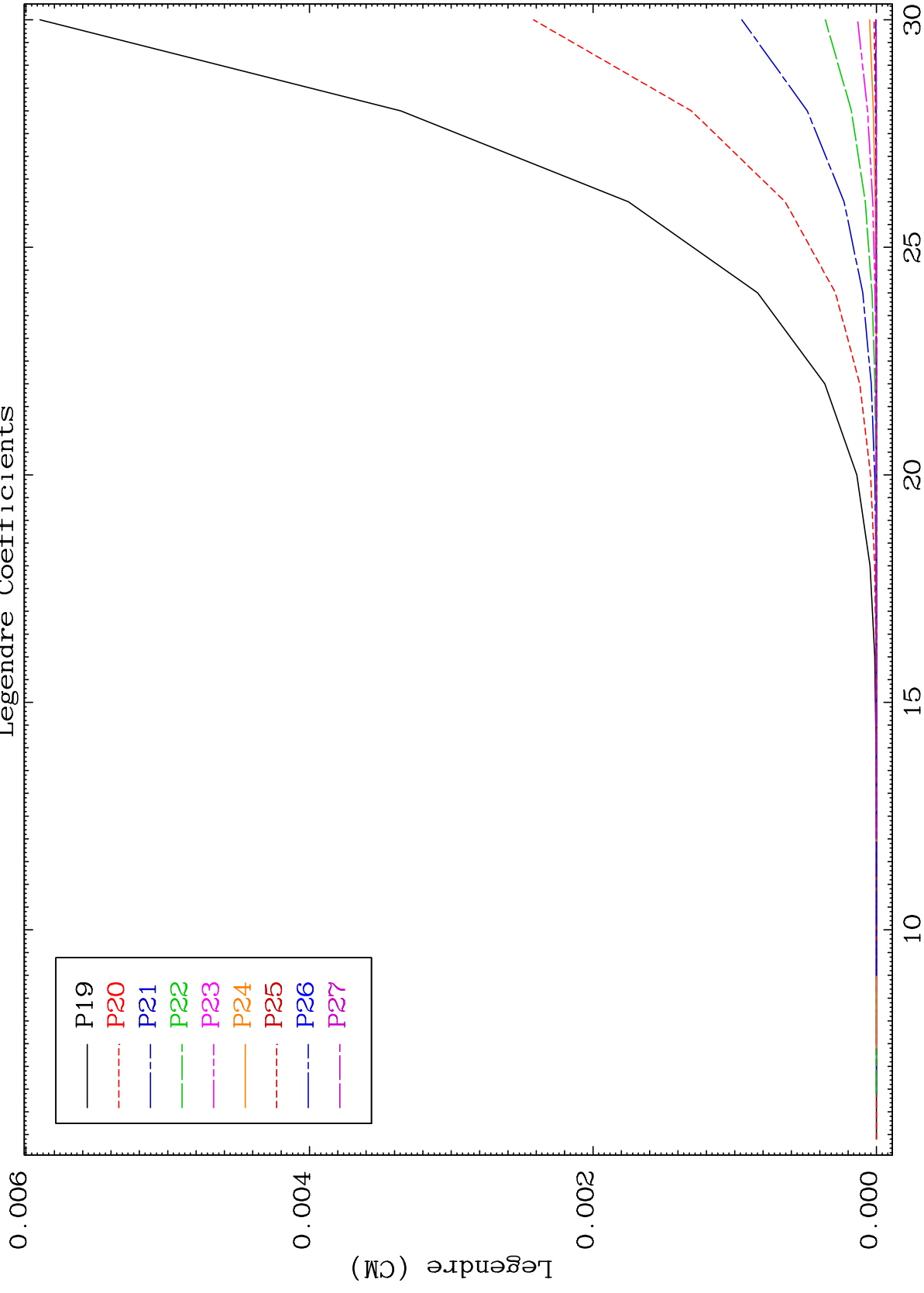
51-Sb-115



MAT 5107

Elastic Legendre Coefficients

51-Sb-115



18

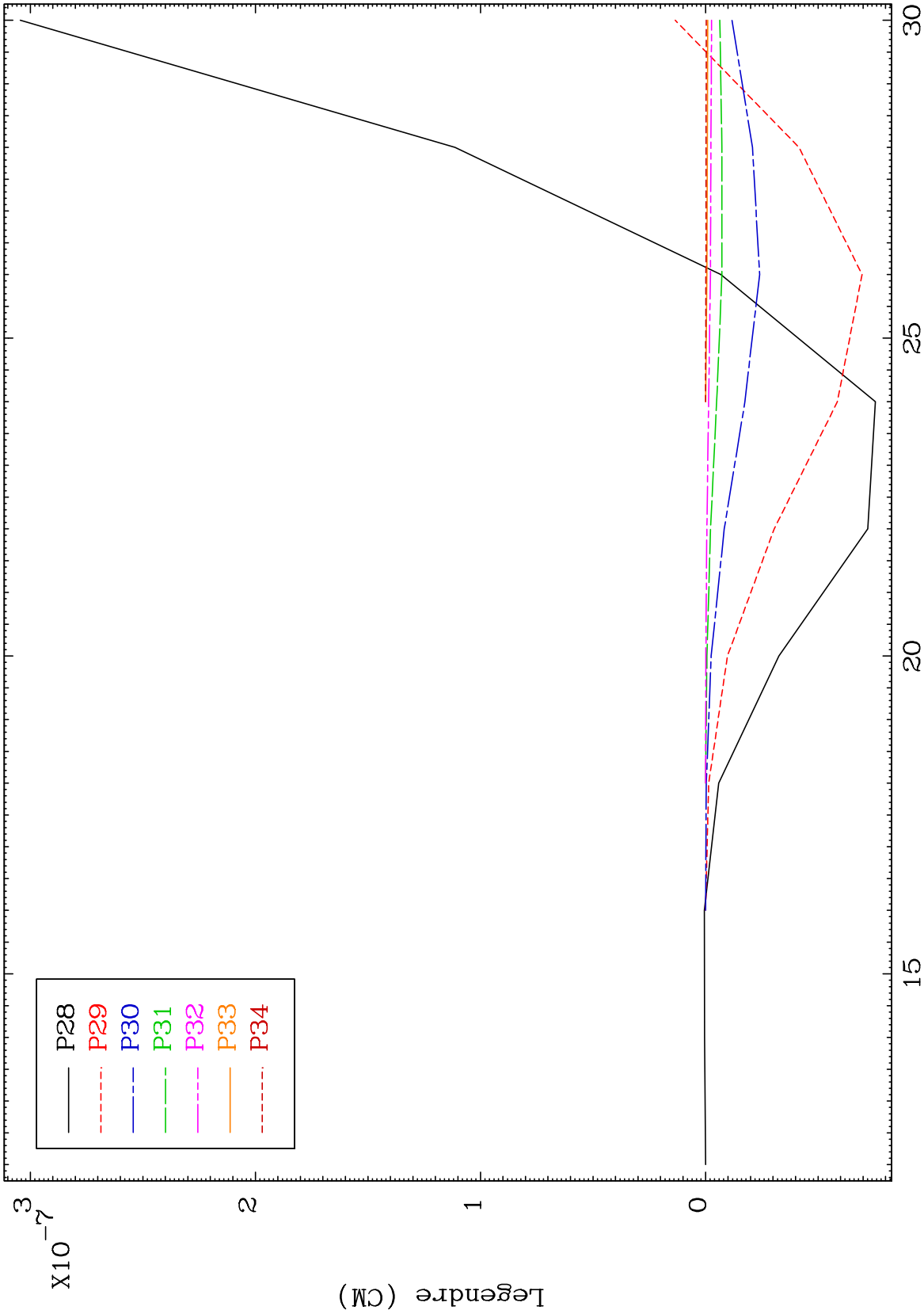
Incident Energy (MeV)

51-Sb-115

MAT 5107

Elastic Legendre Coefficients

51-Sb-115



19

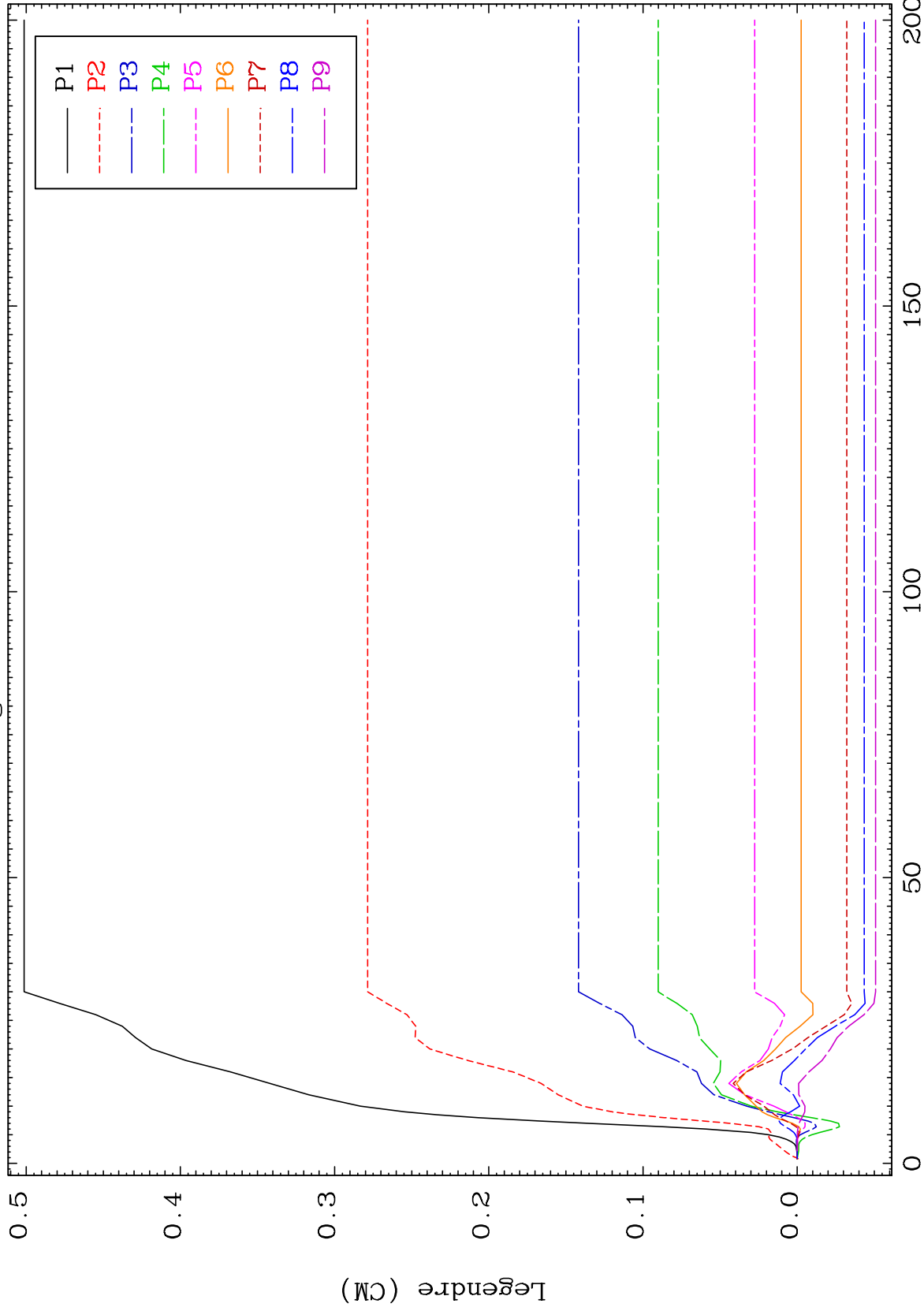
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

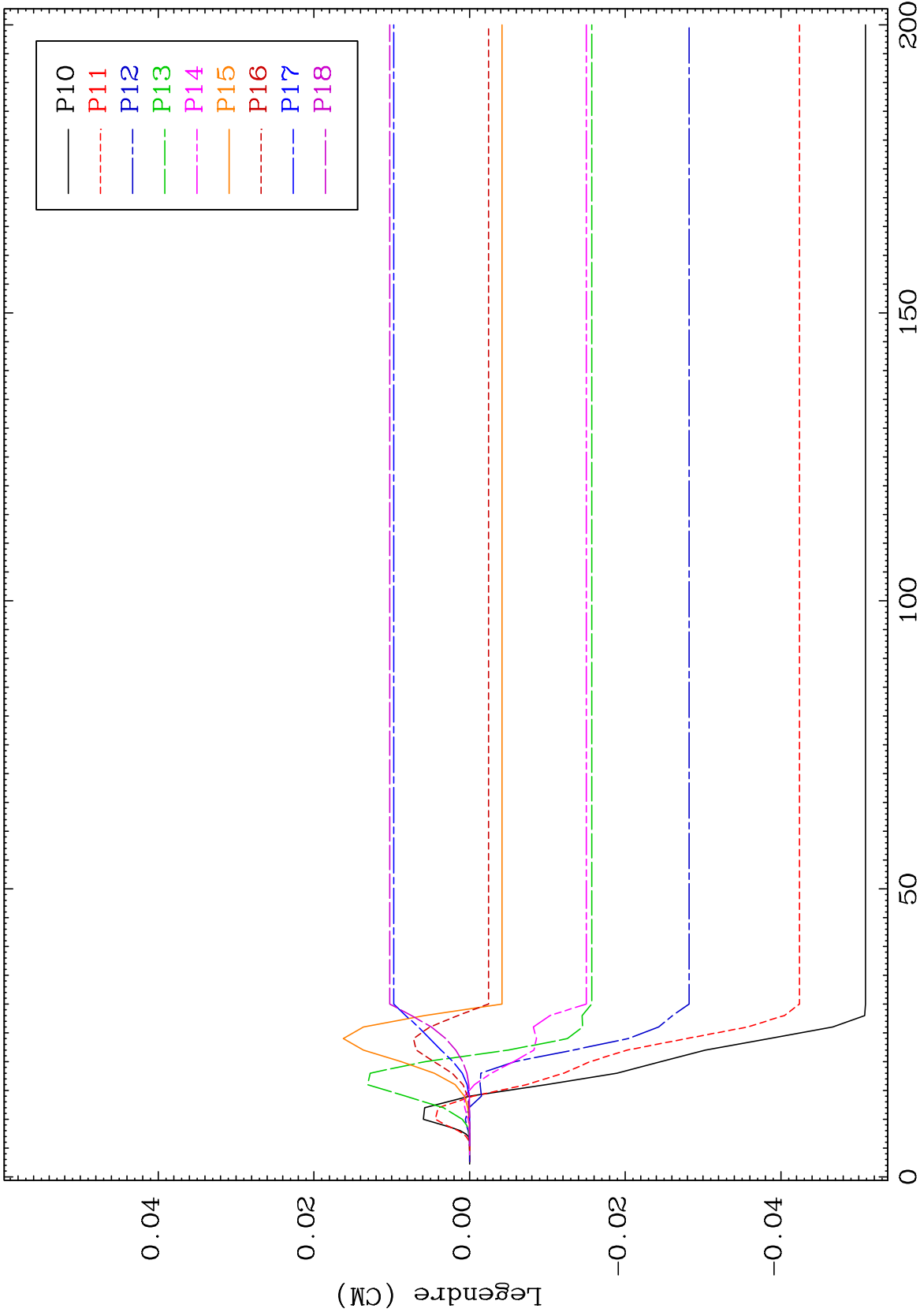
Incident Energy (MeV)

20

MAT 5107

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

51-Sb-115



21

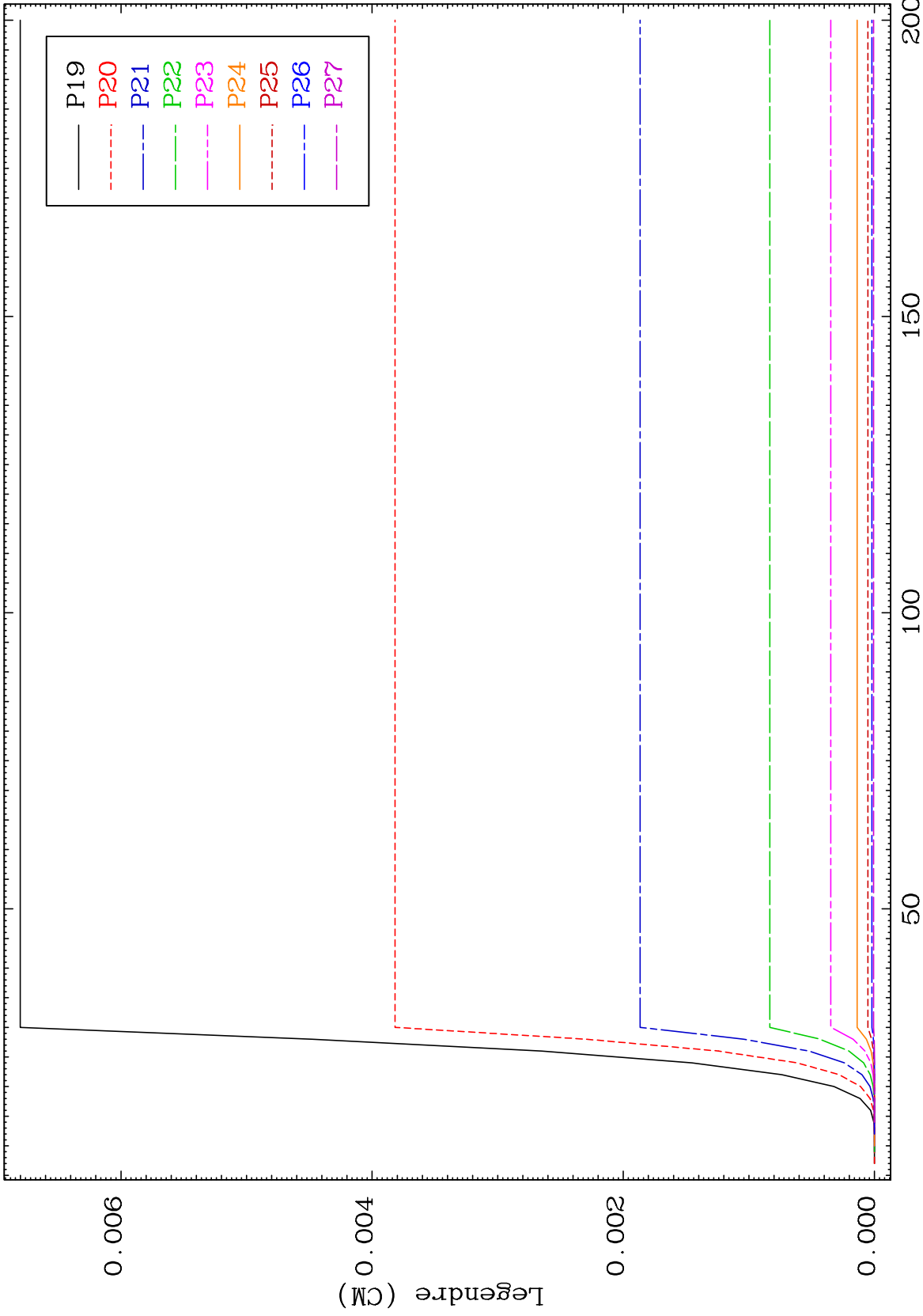
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



22

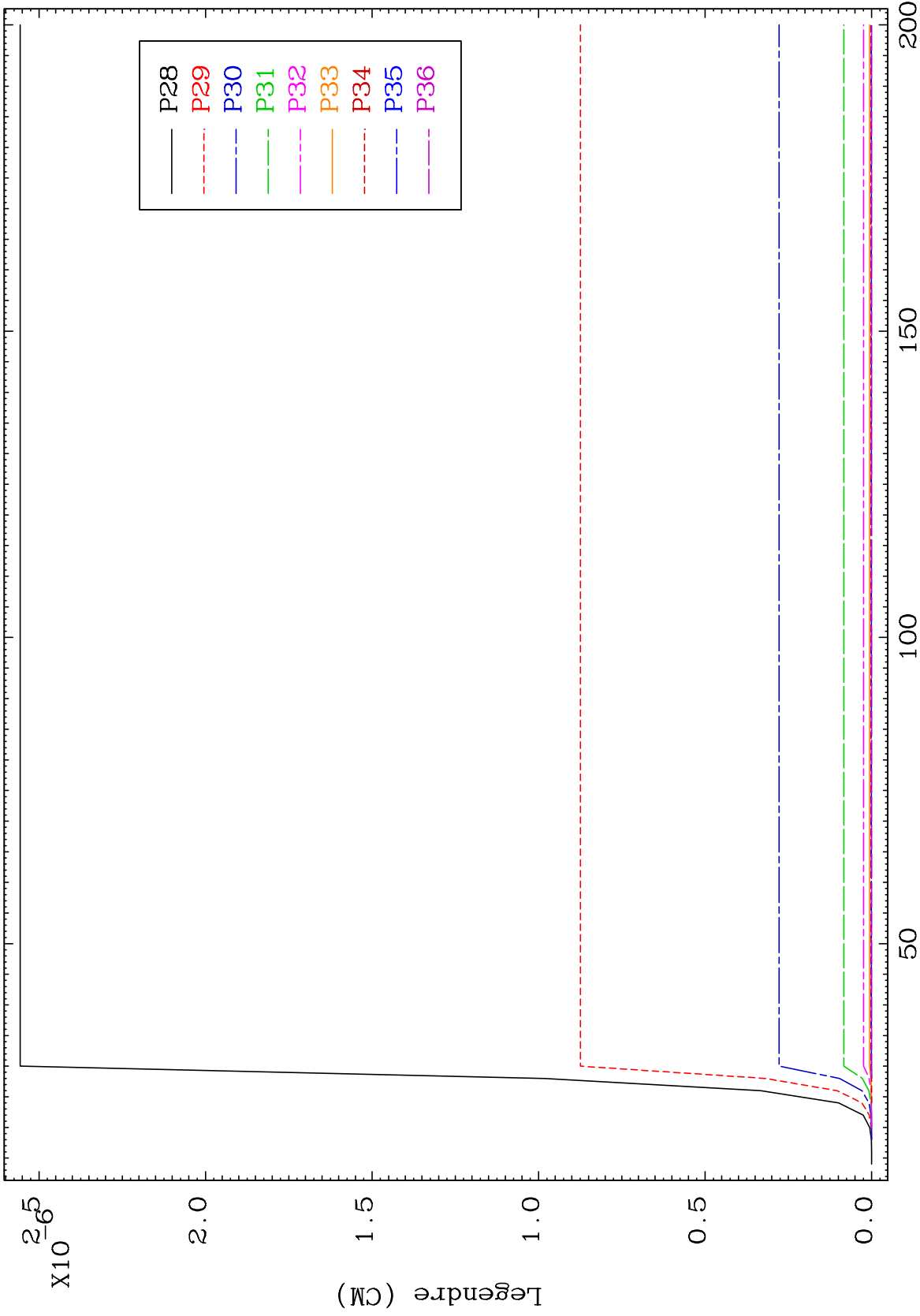
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



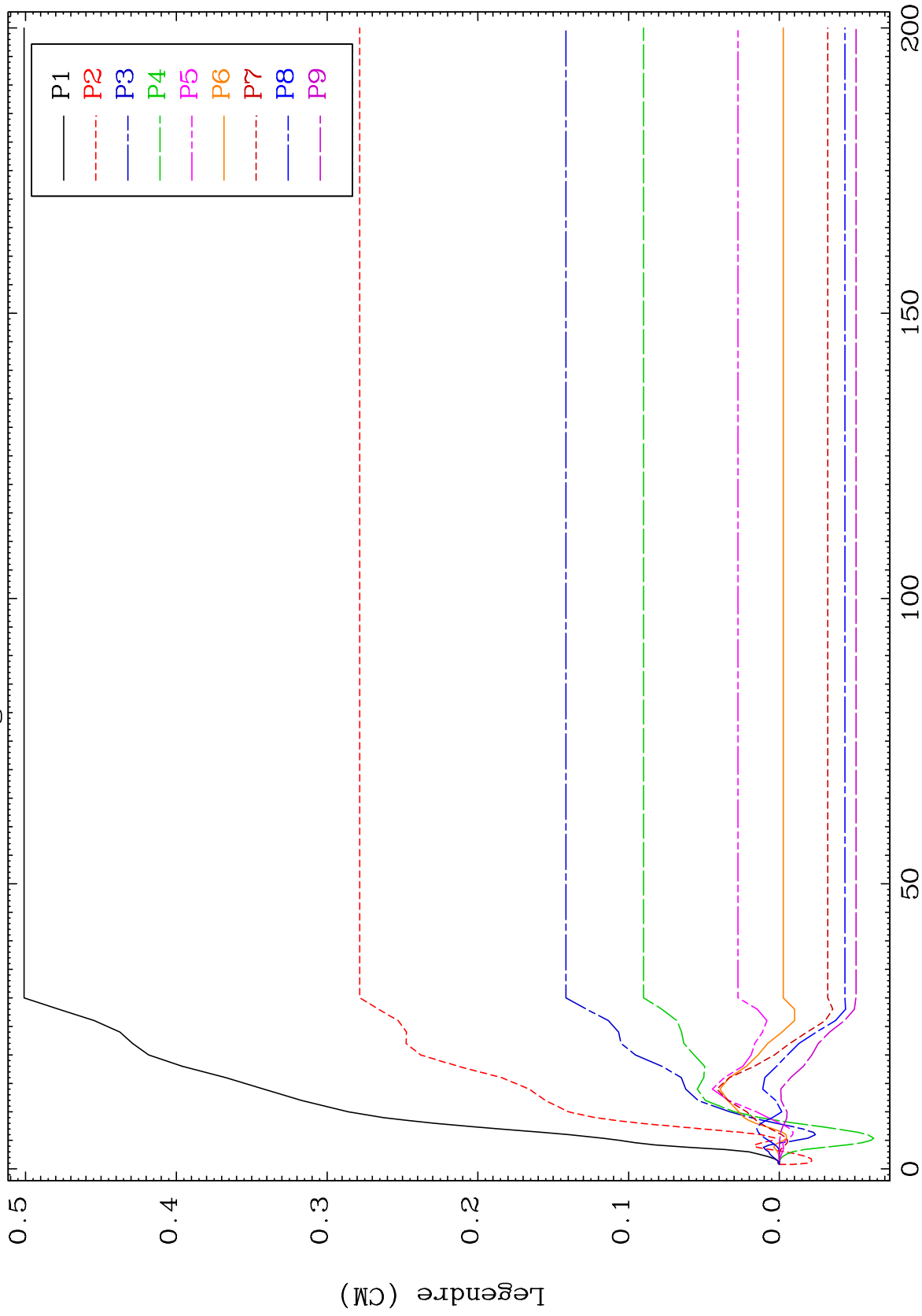
23

51-Sb-115

MAT 5107

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

51-Sb-115



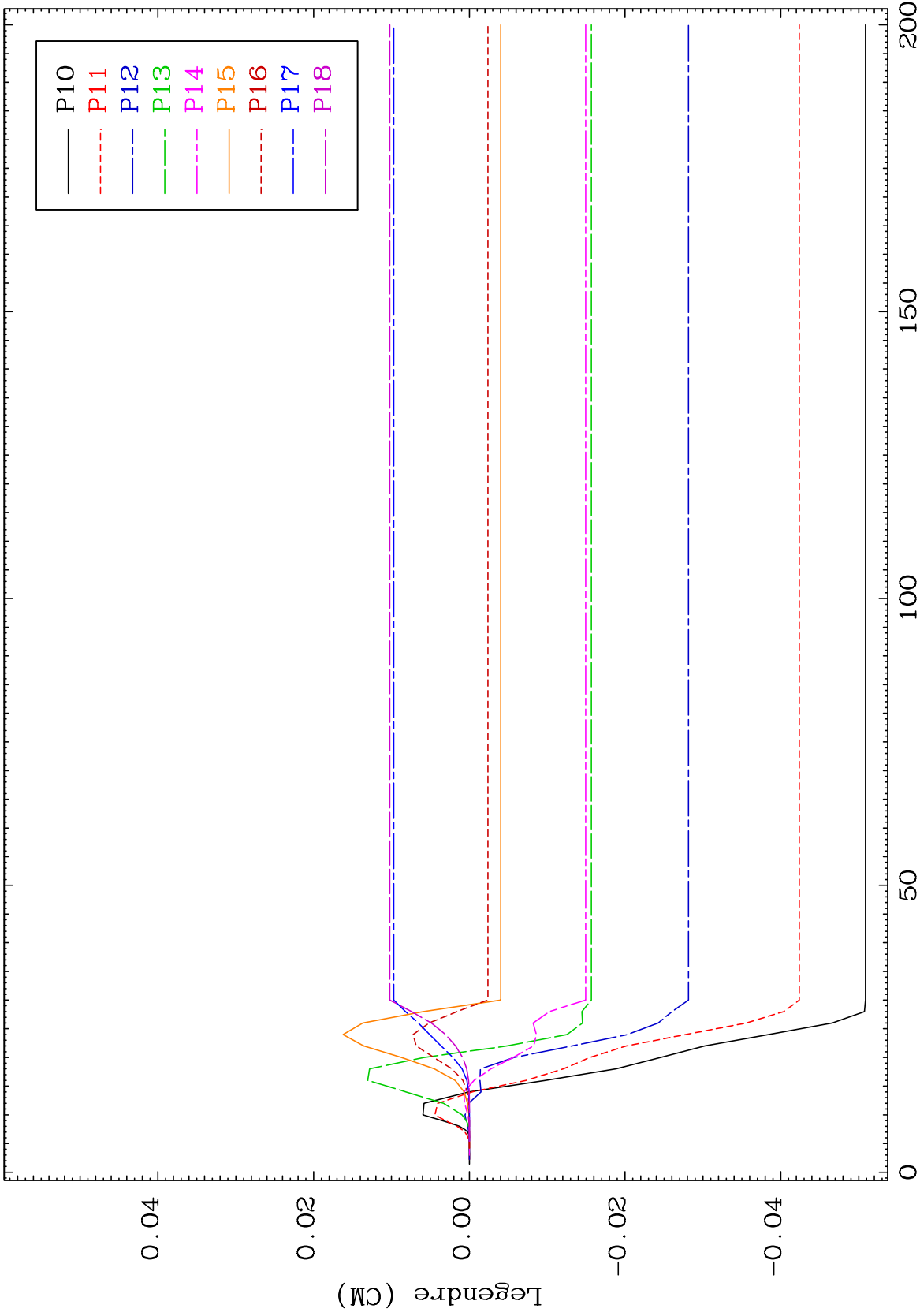
24

51-Sb-115

MAT 5107

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

51-Sb-115



25

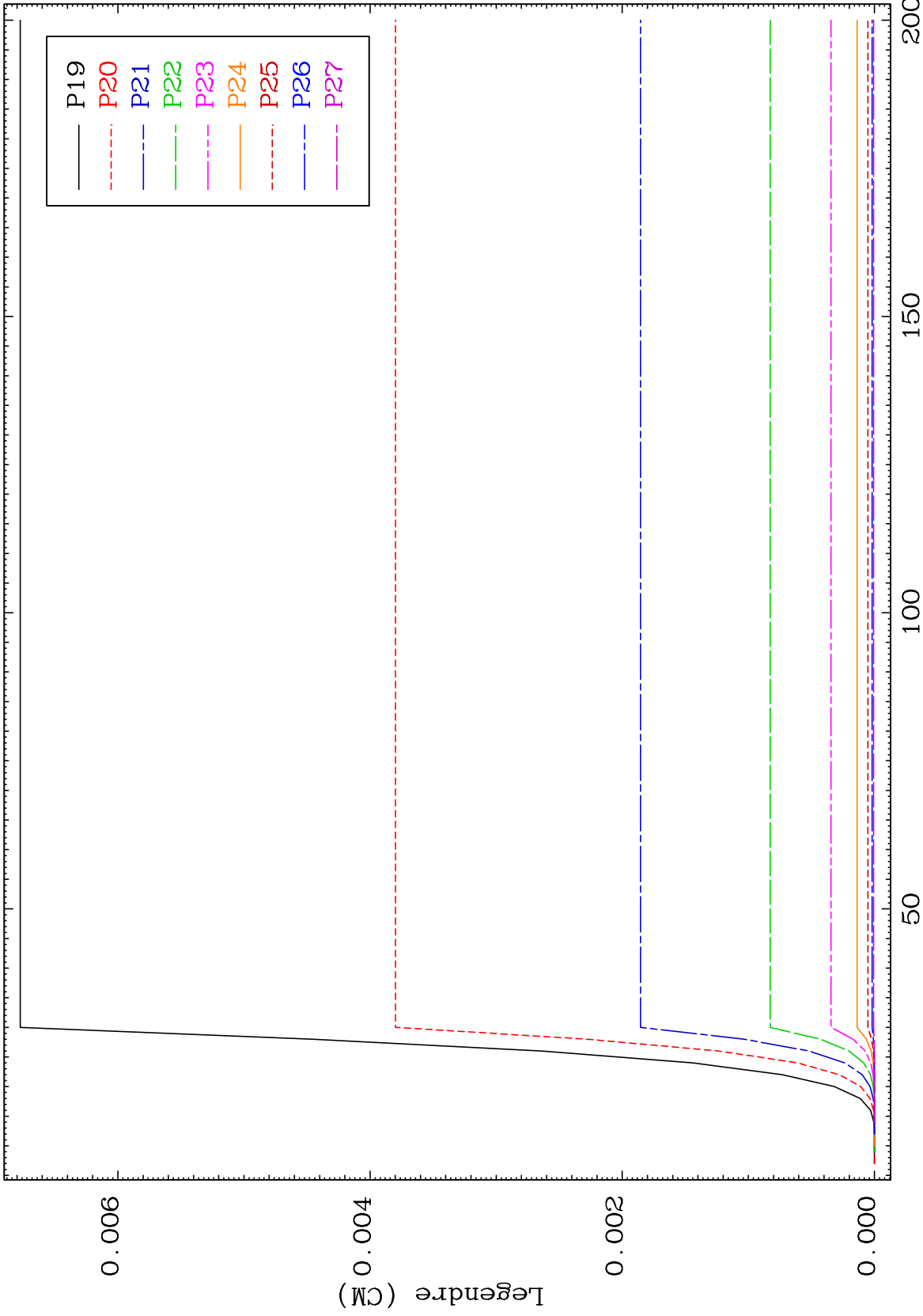
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



26

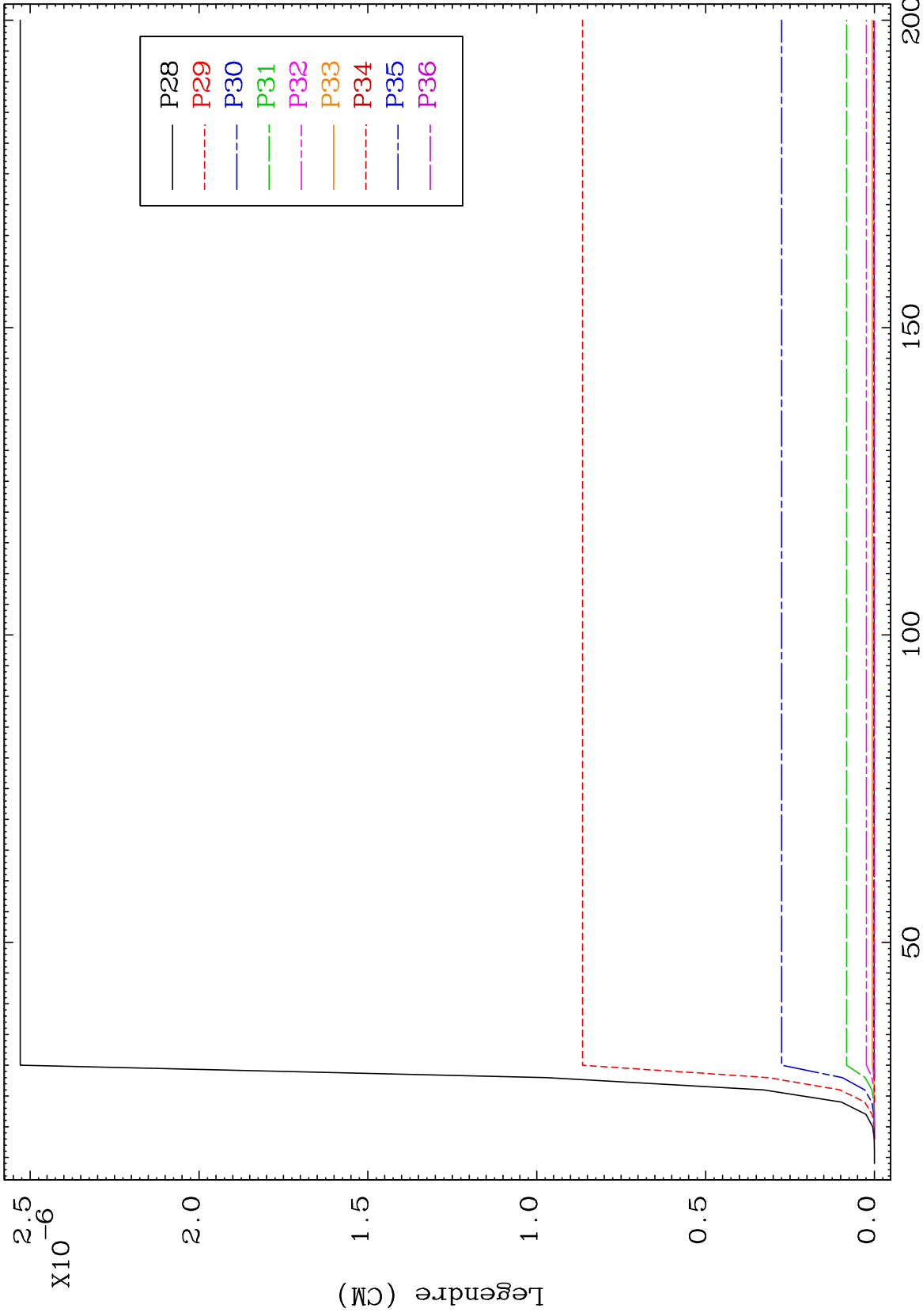
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



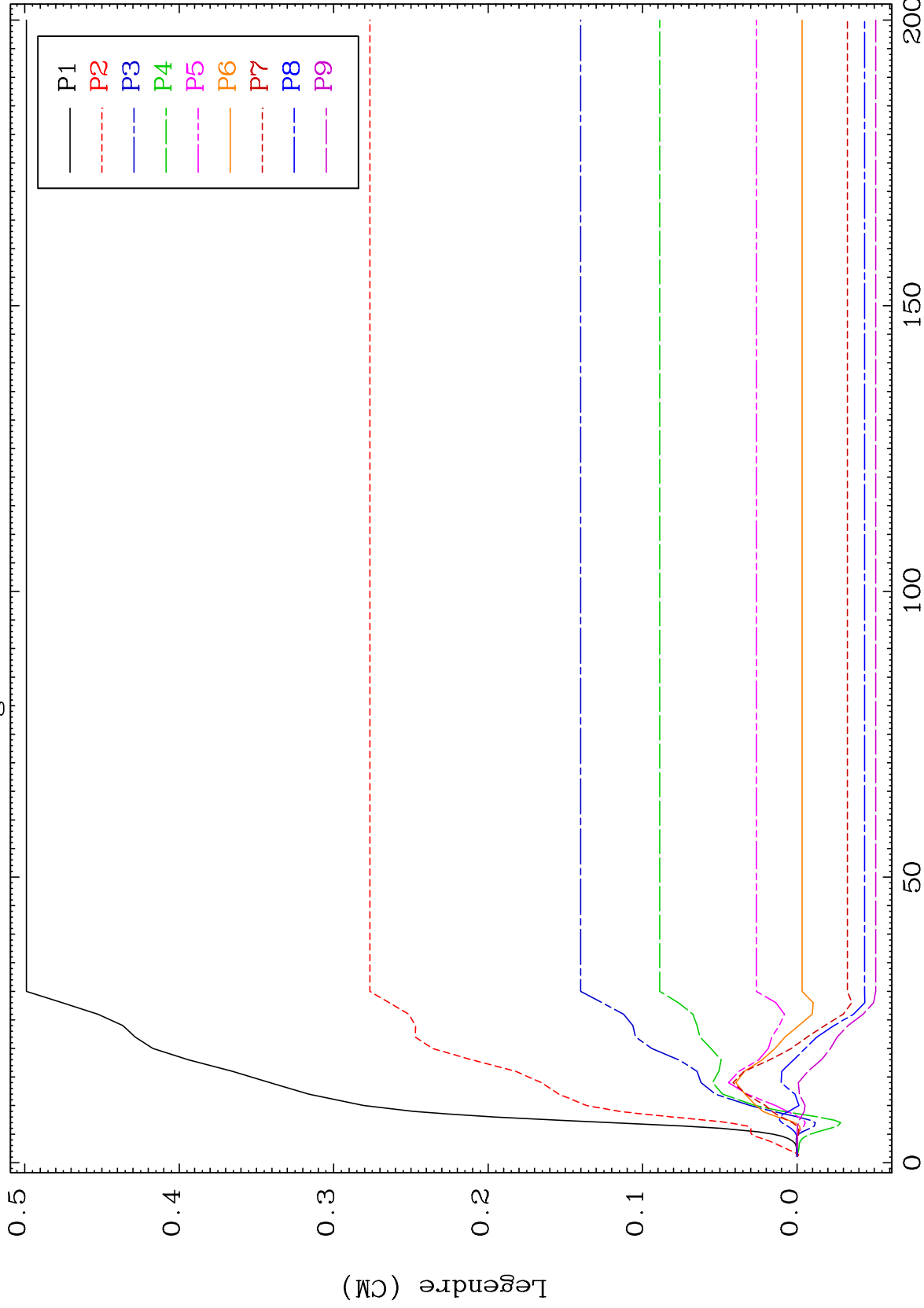
27

51-Sb-115

MAT 5107

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

51-Sb-115



28

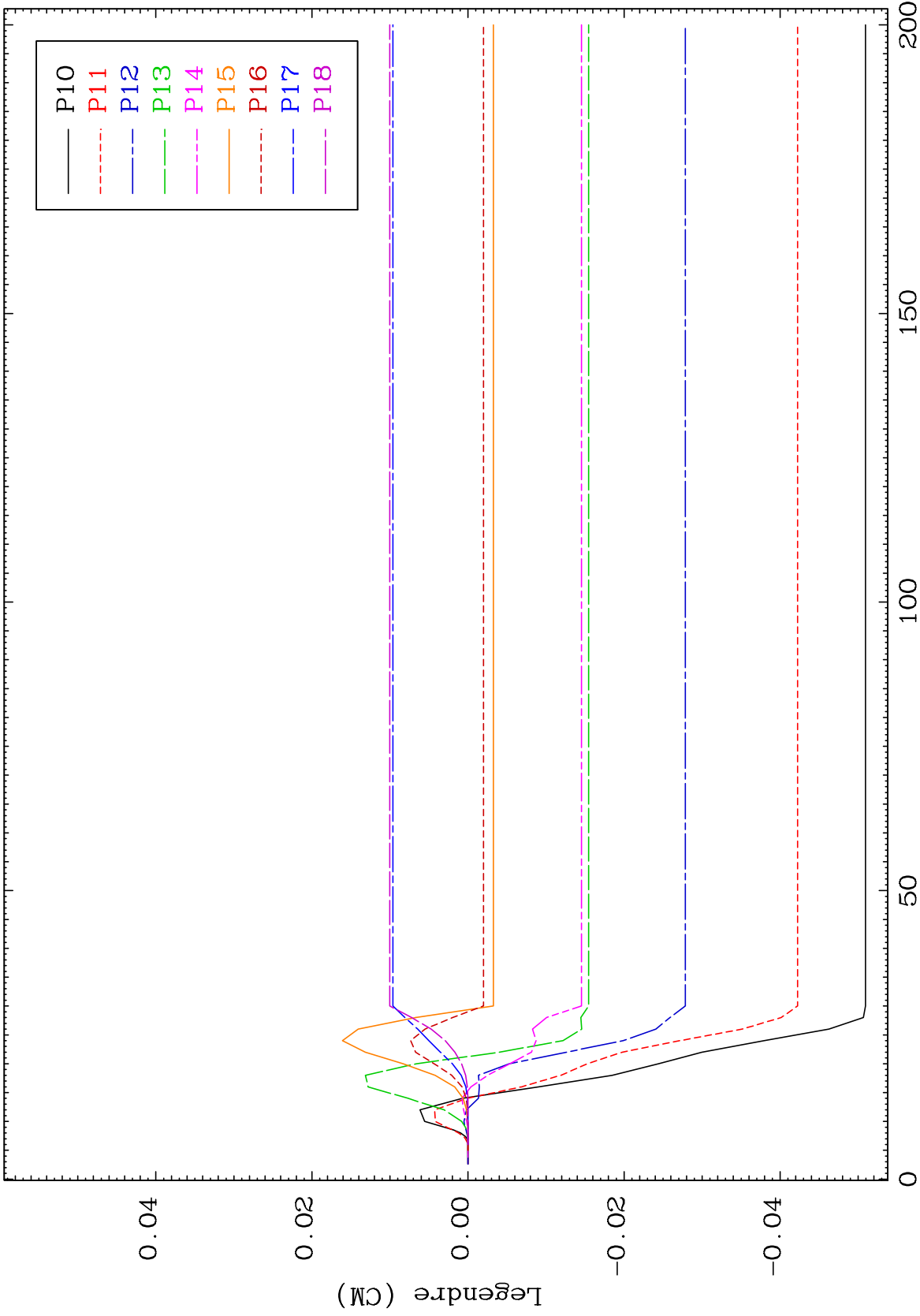
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



29

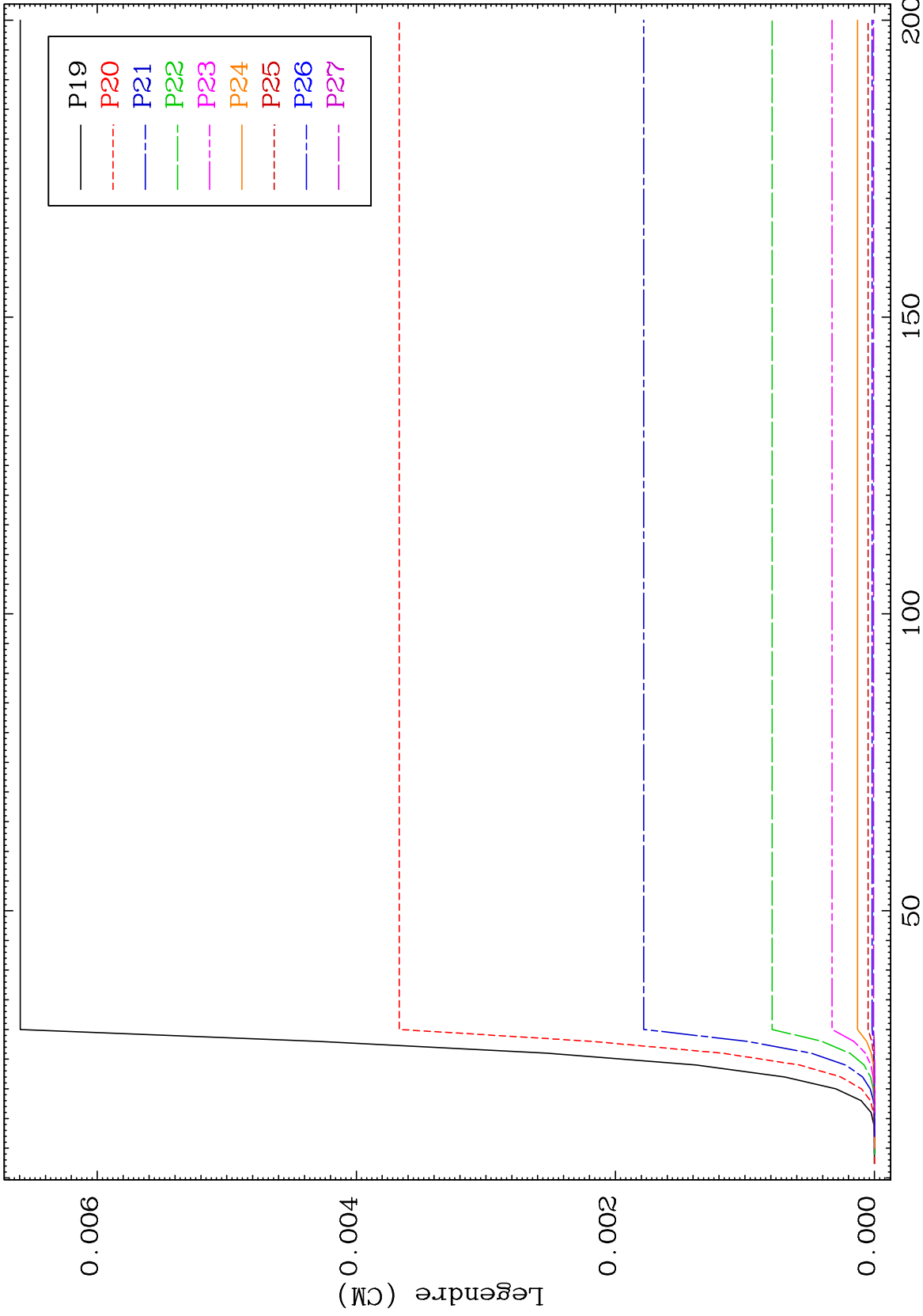
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

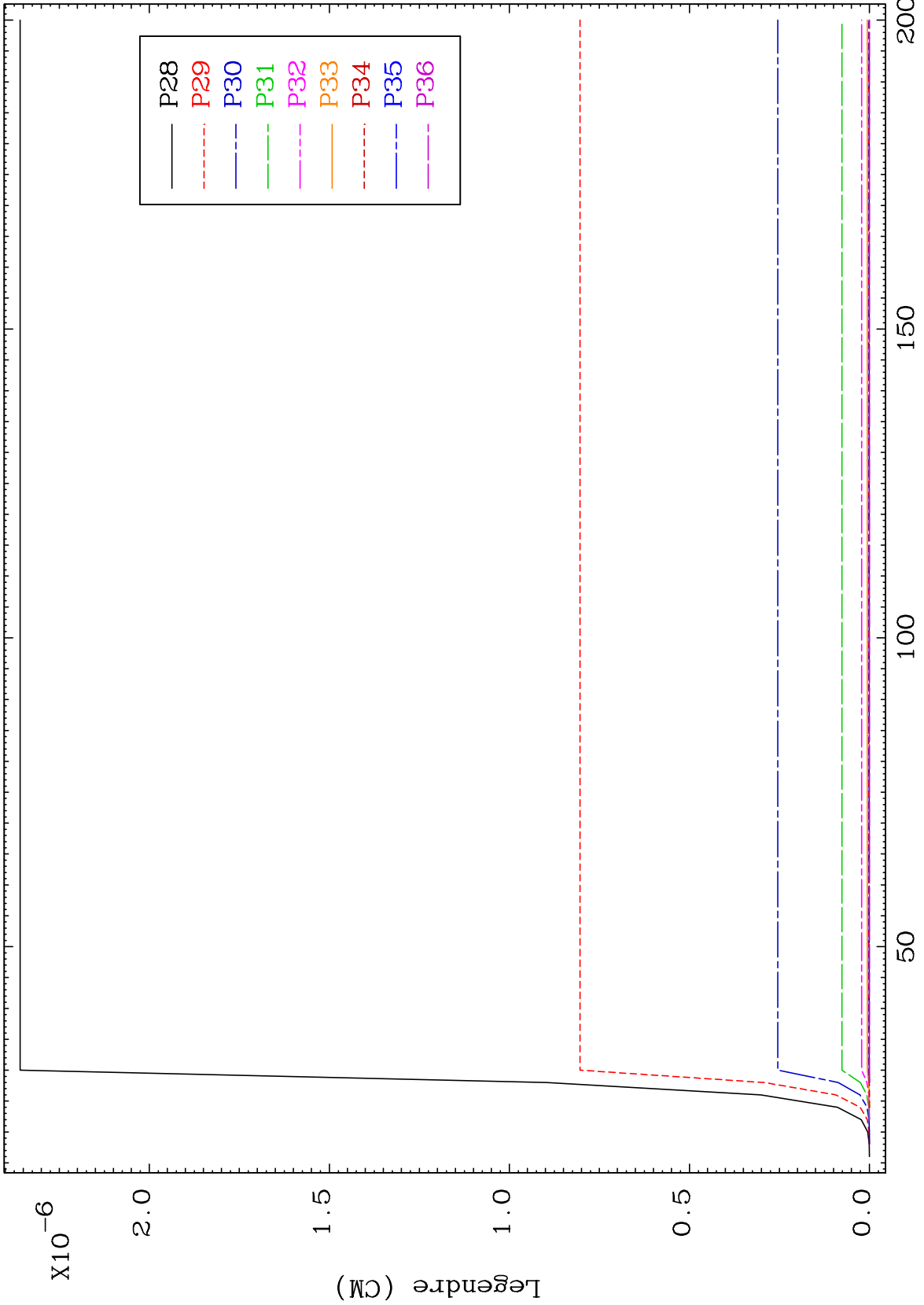
51-Sb-115



30

Incident Energy (MeV)

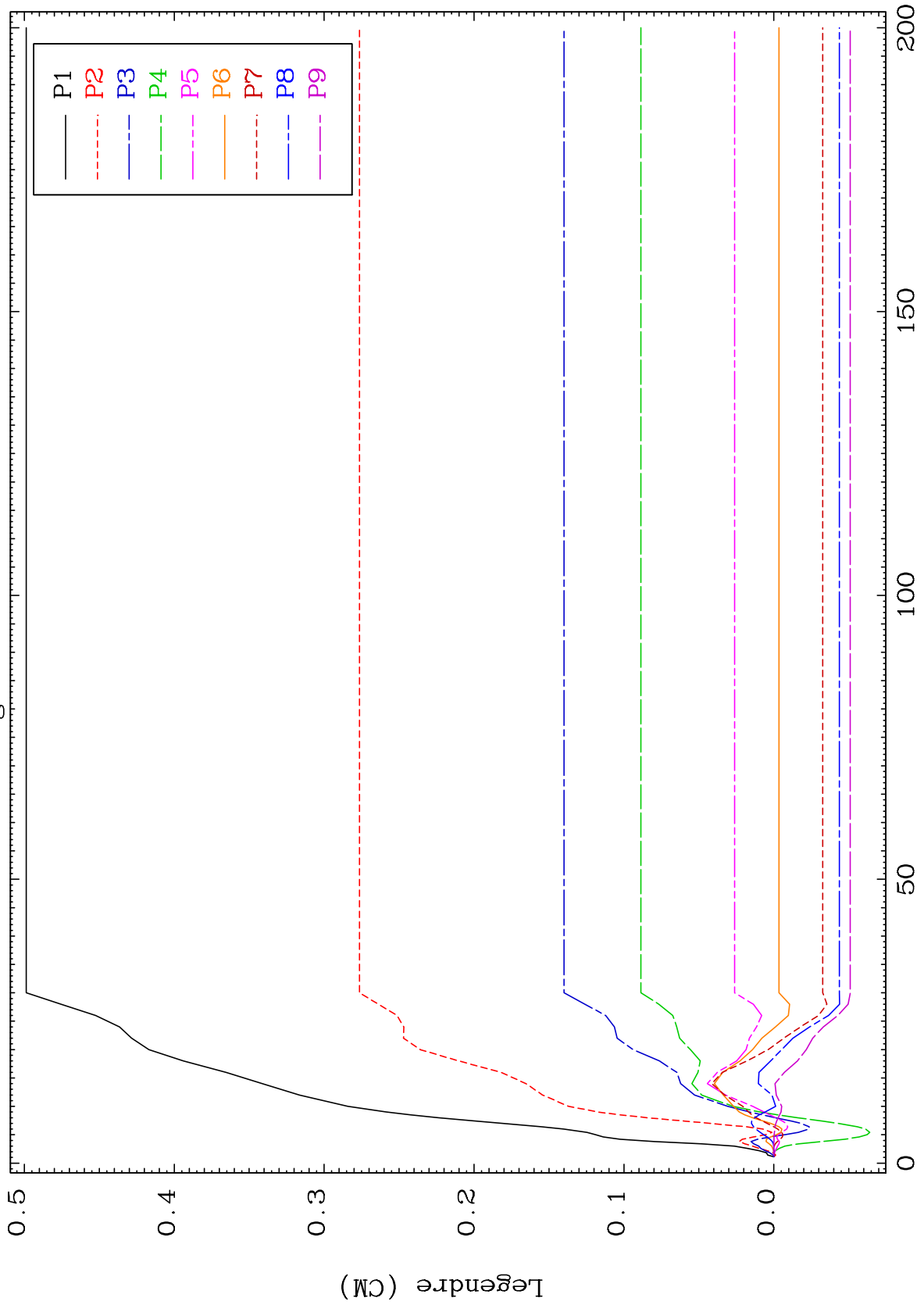
51-Sb-115



MAT 5107

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

51-Sb-115



32

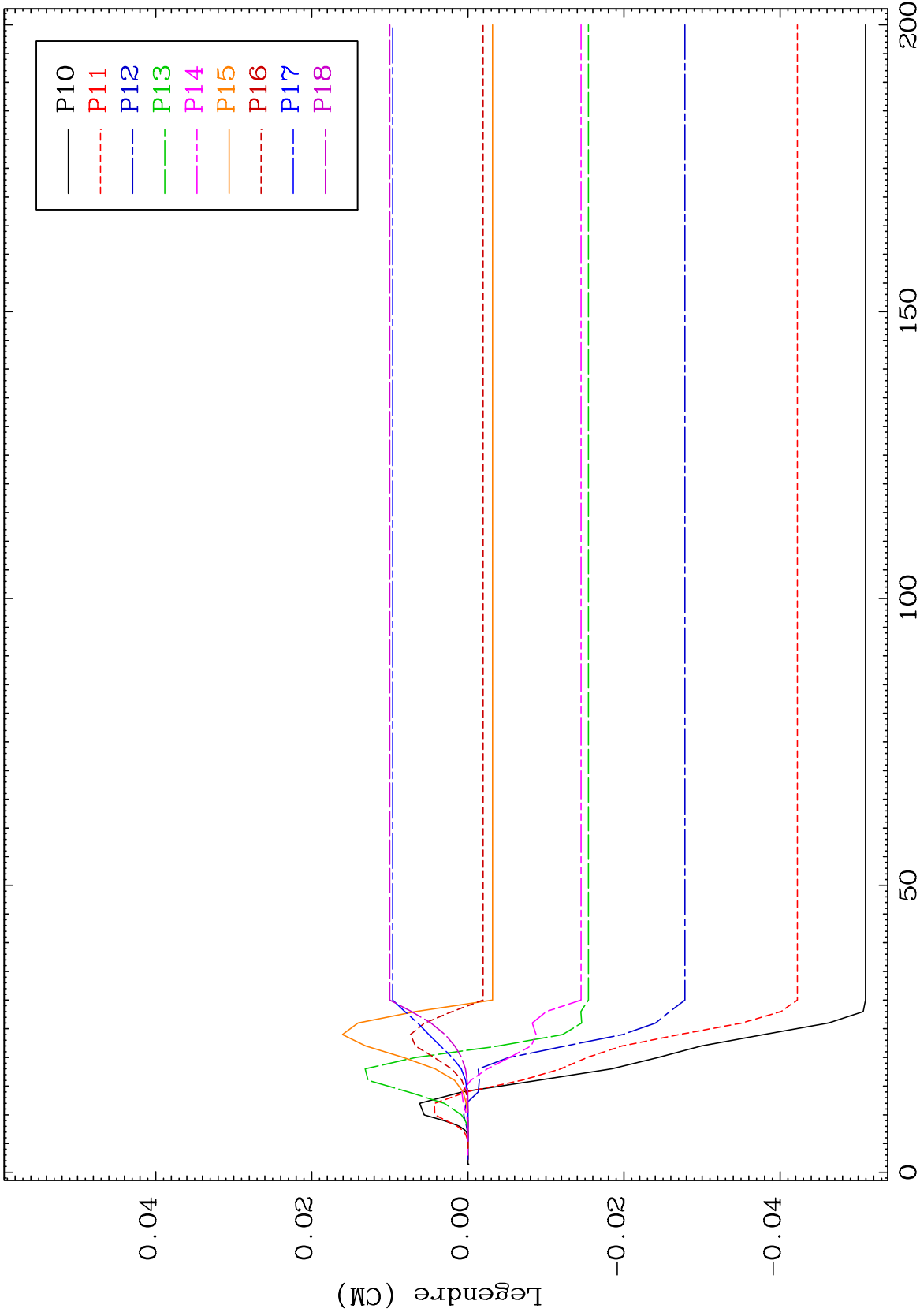
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



33

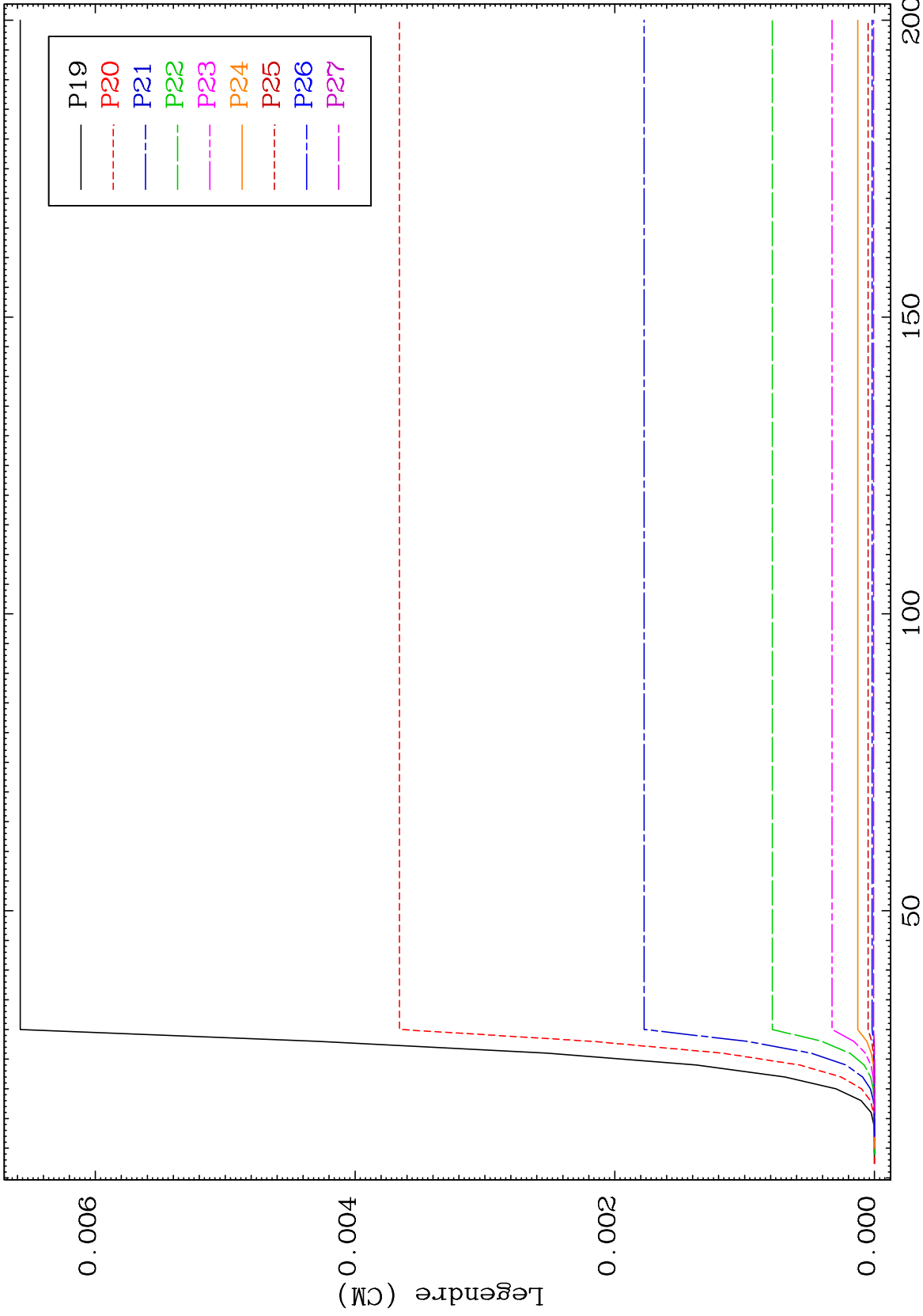
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



34

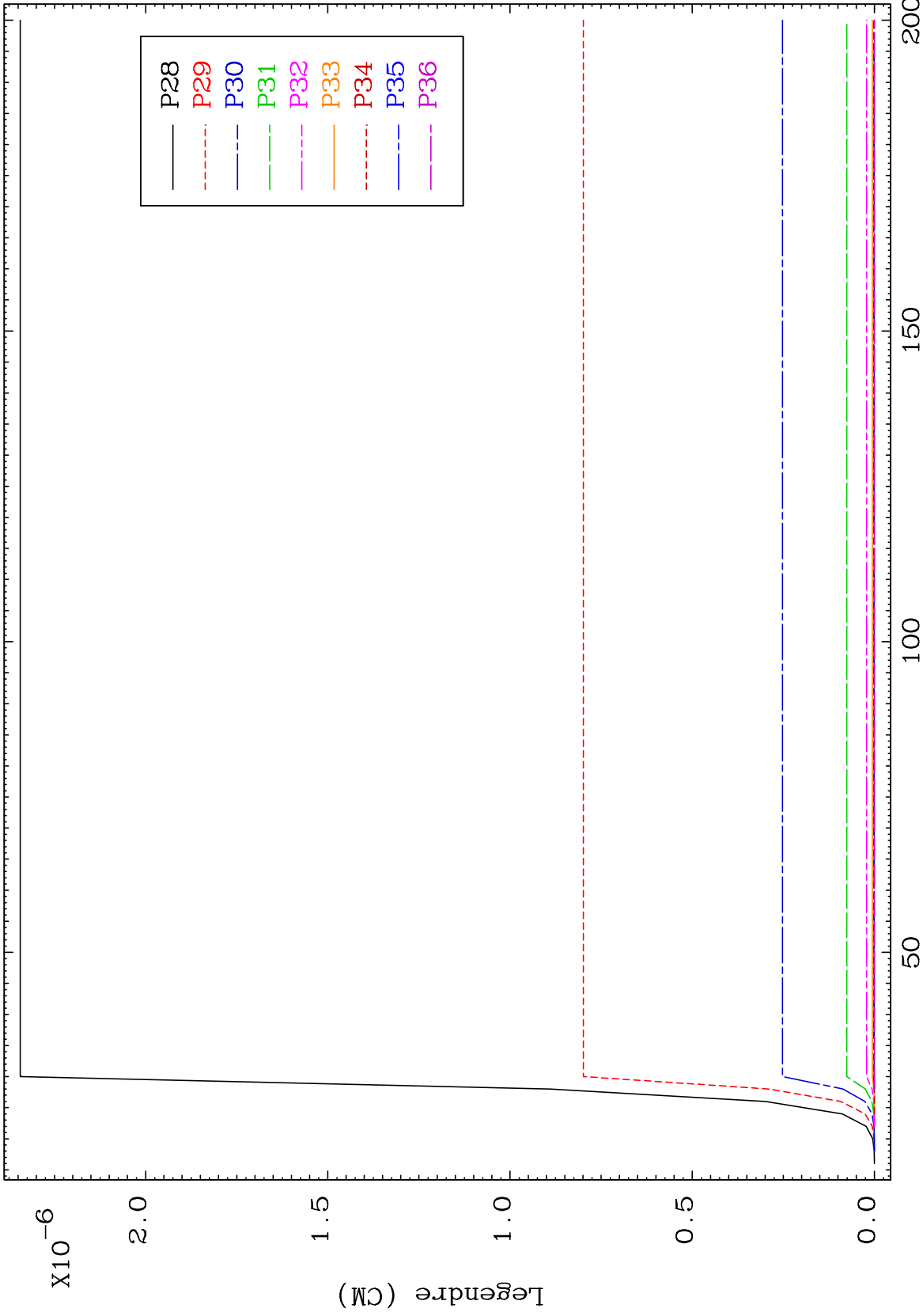
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



35

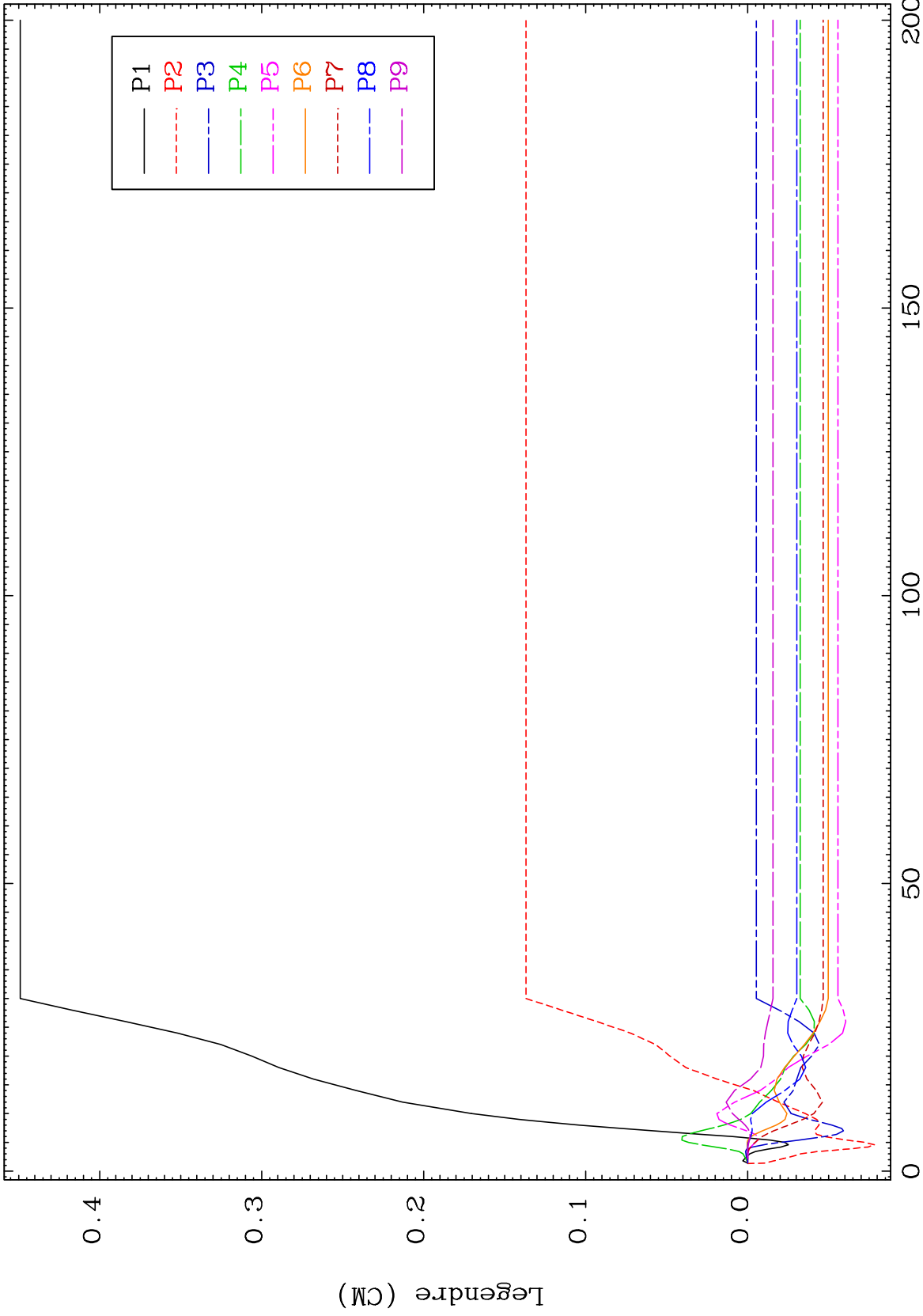
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



36

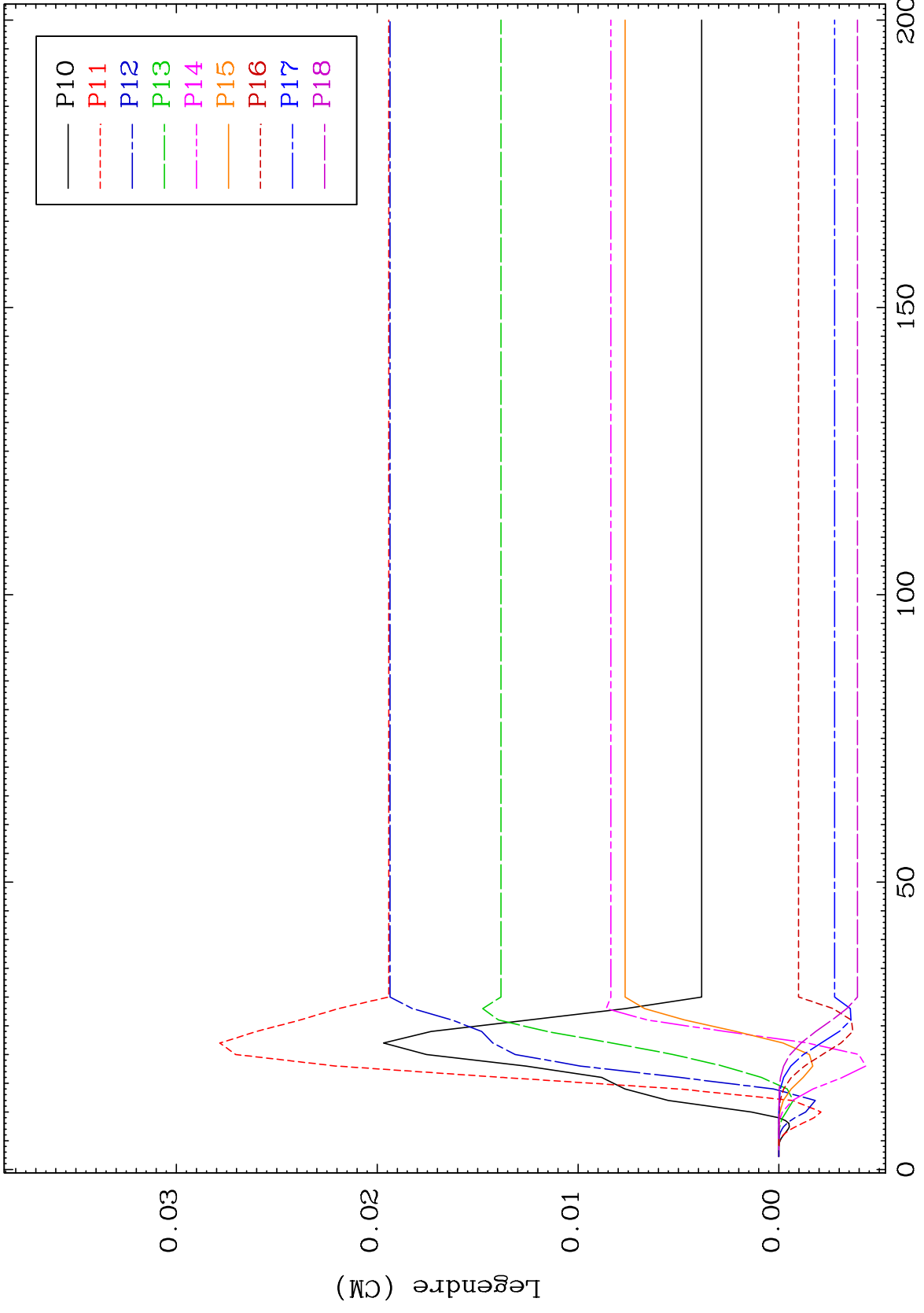
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

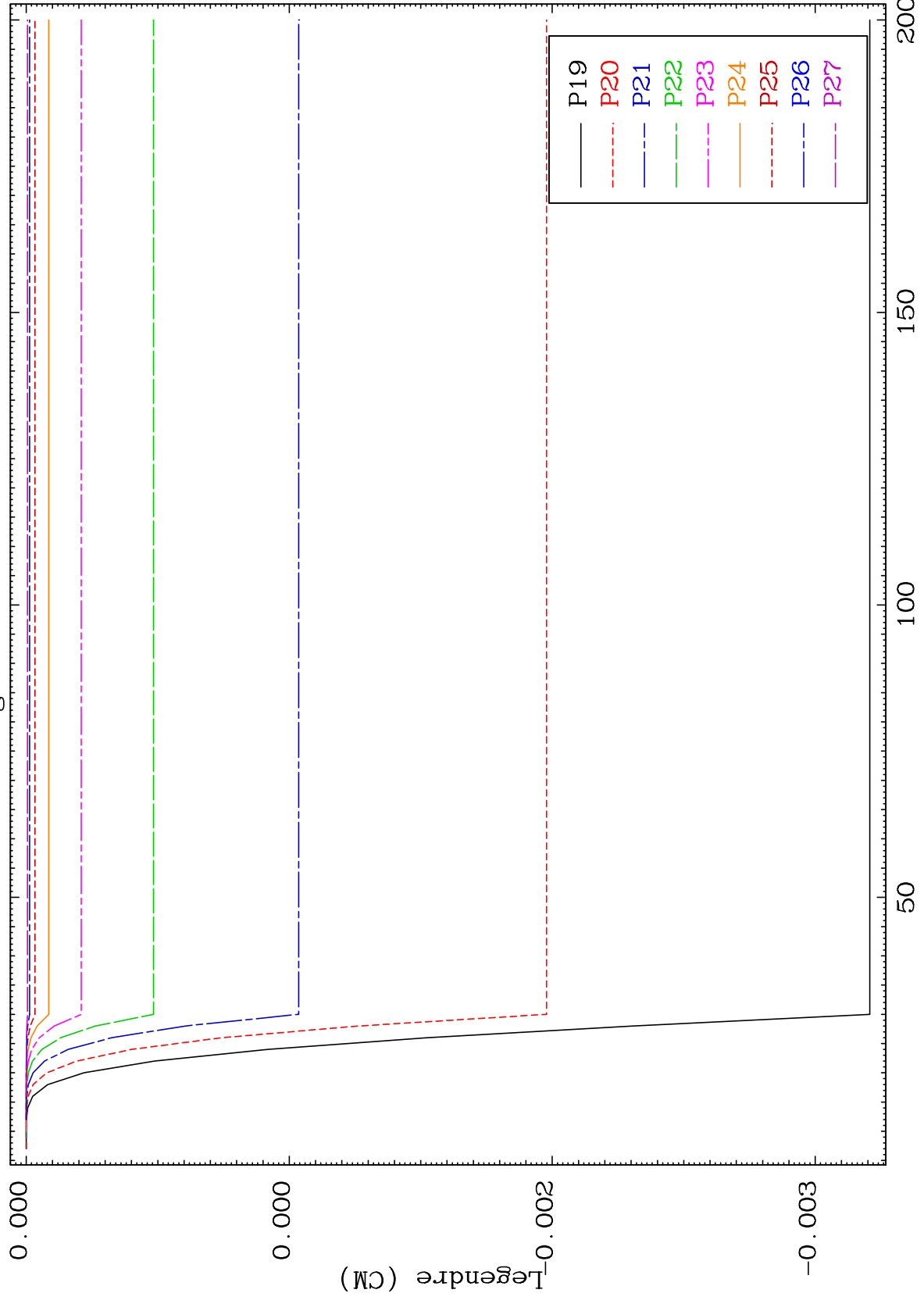
51-Sb-115



37

Incident Energy (MeV)

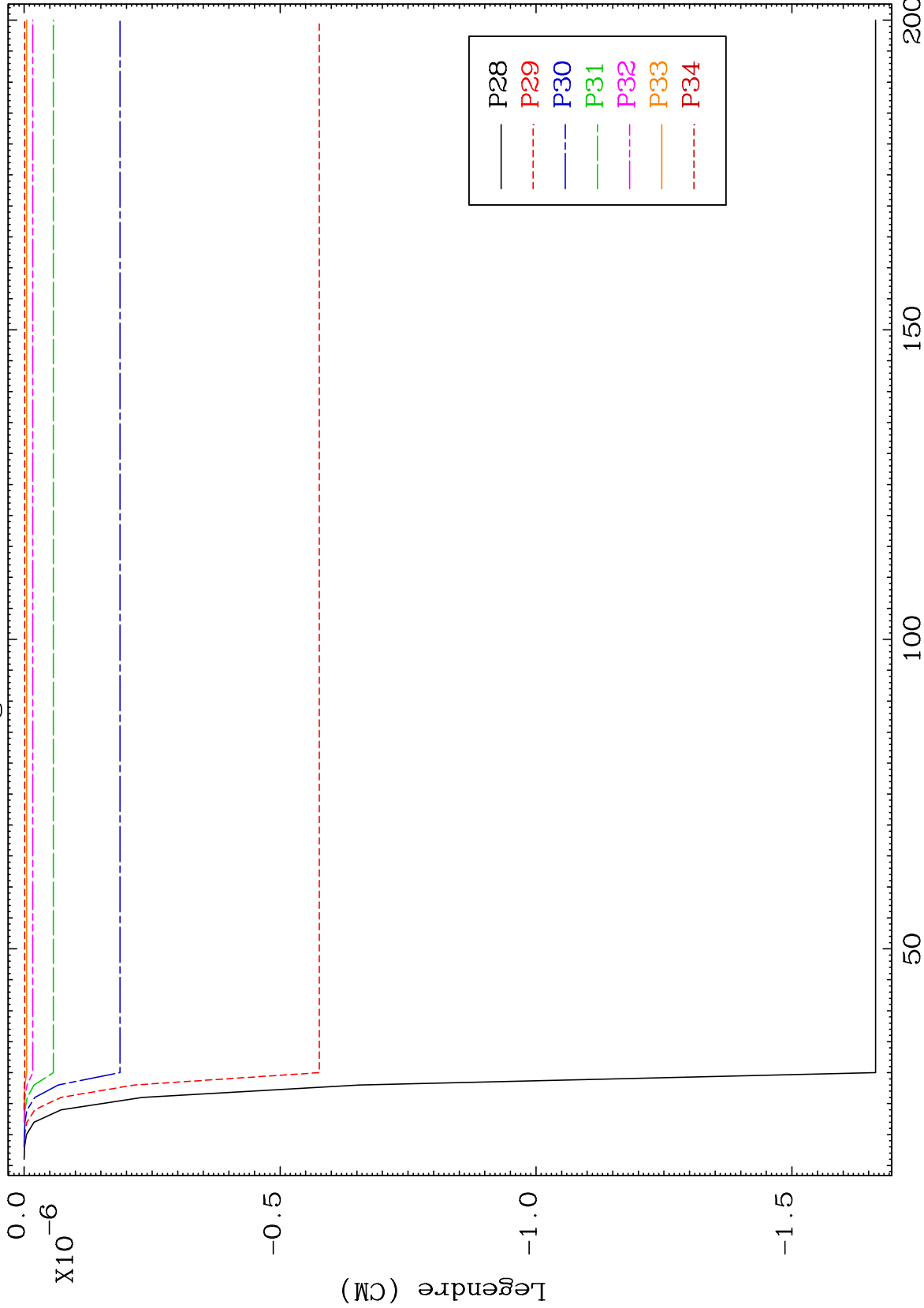
51-Sb-115



MAT 5107

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

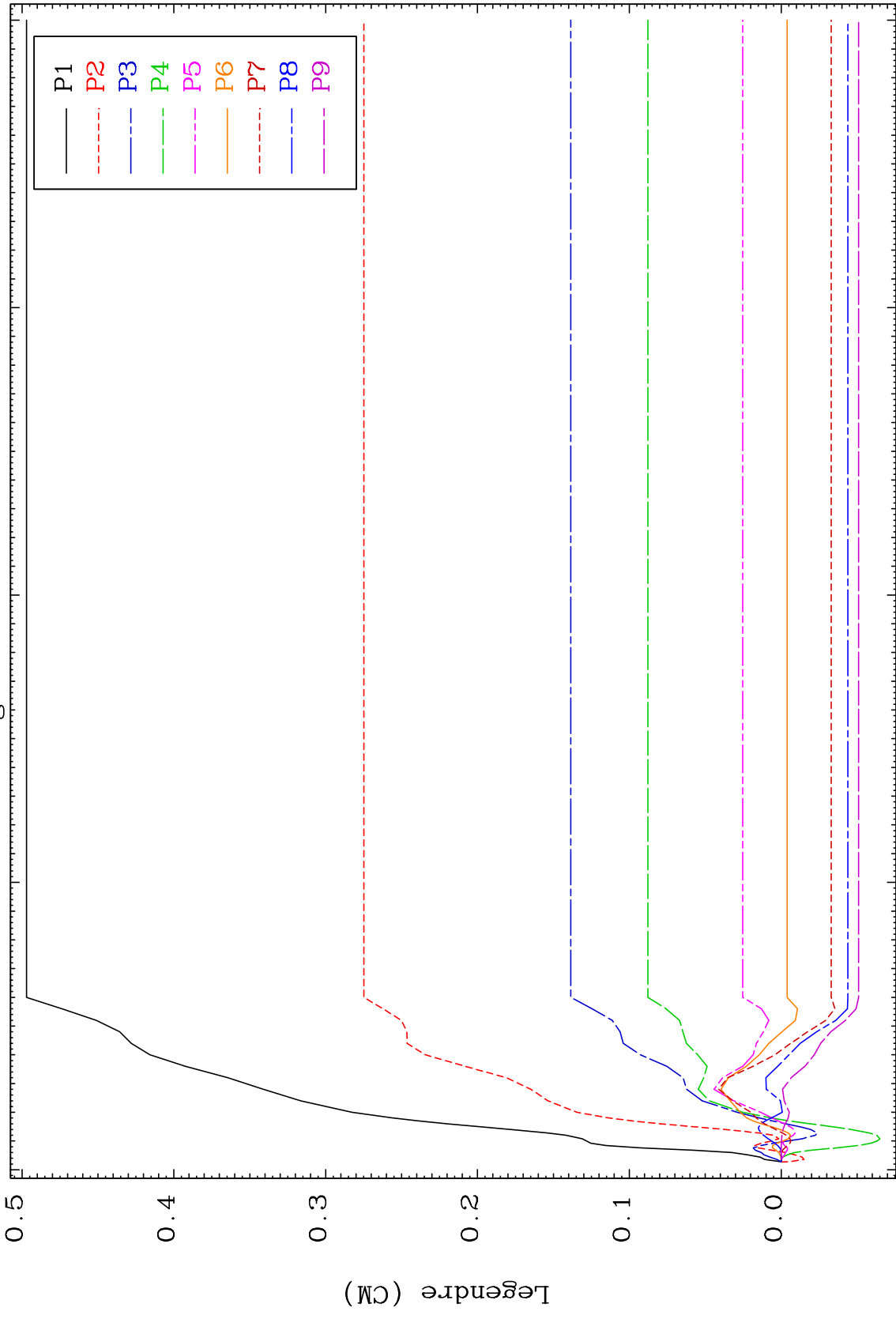
51-Sb-115



39

51-Sb-115

MAT 5107 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-115

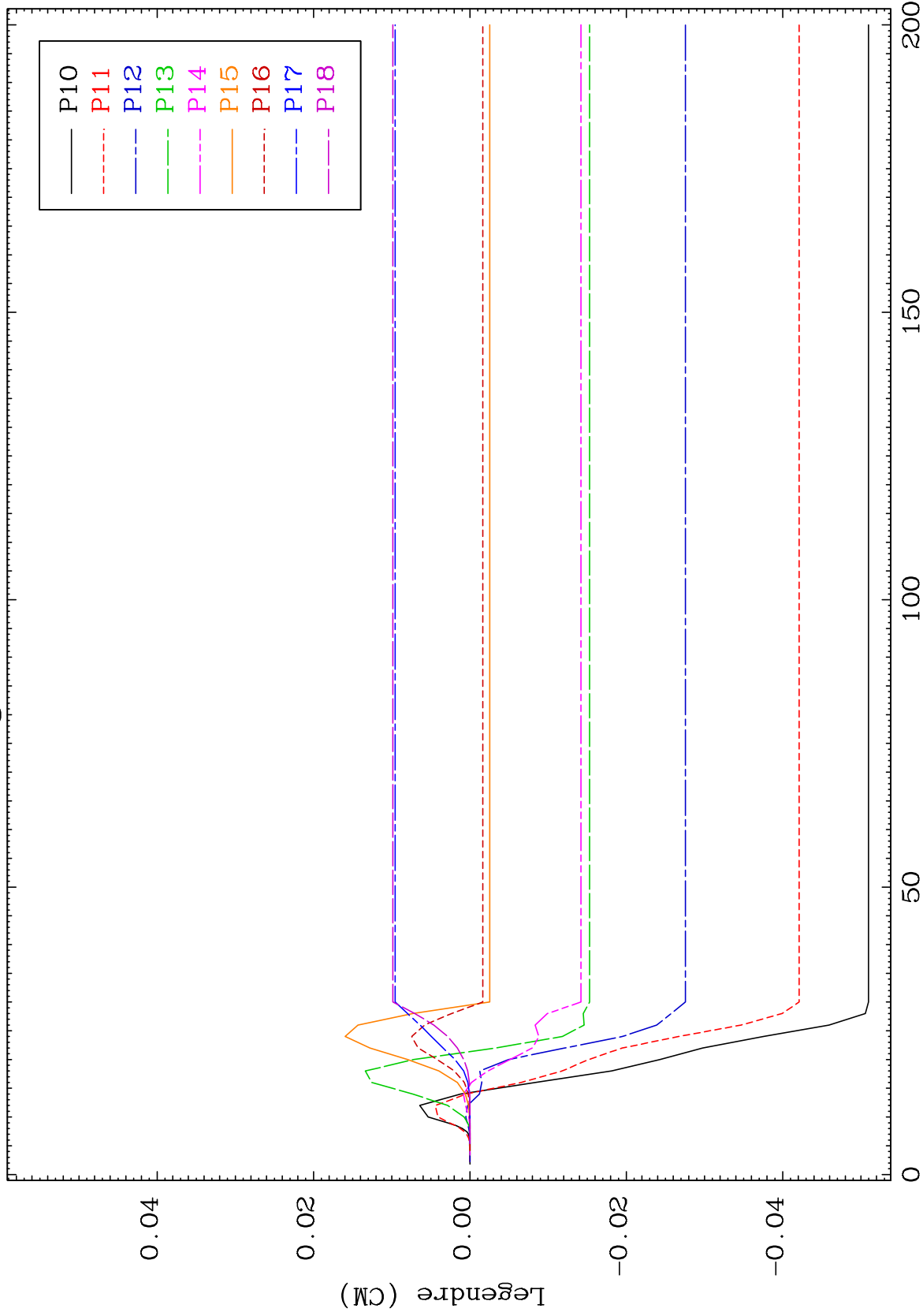


40 50 100 150 200 51-Sb-115

MAT 5107

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

51-Sb-115



41

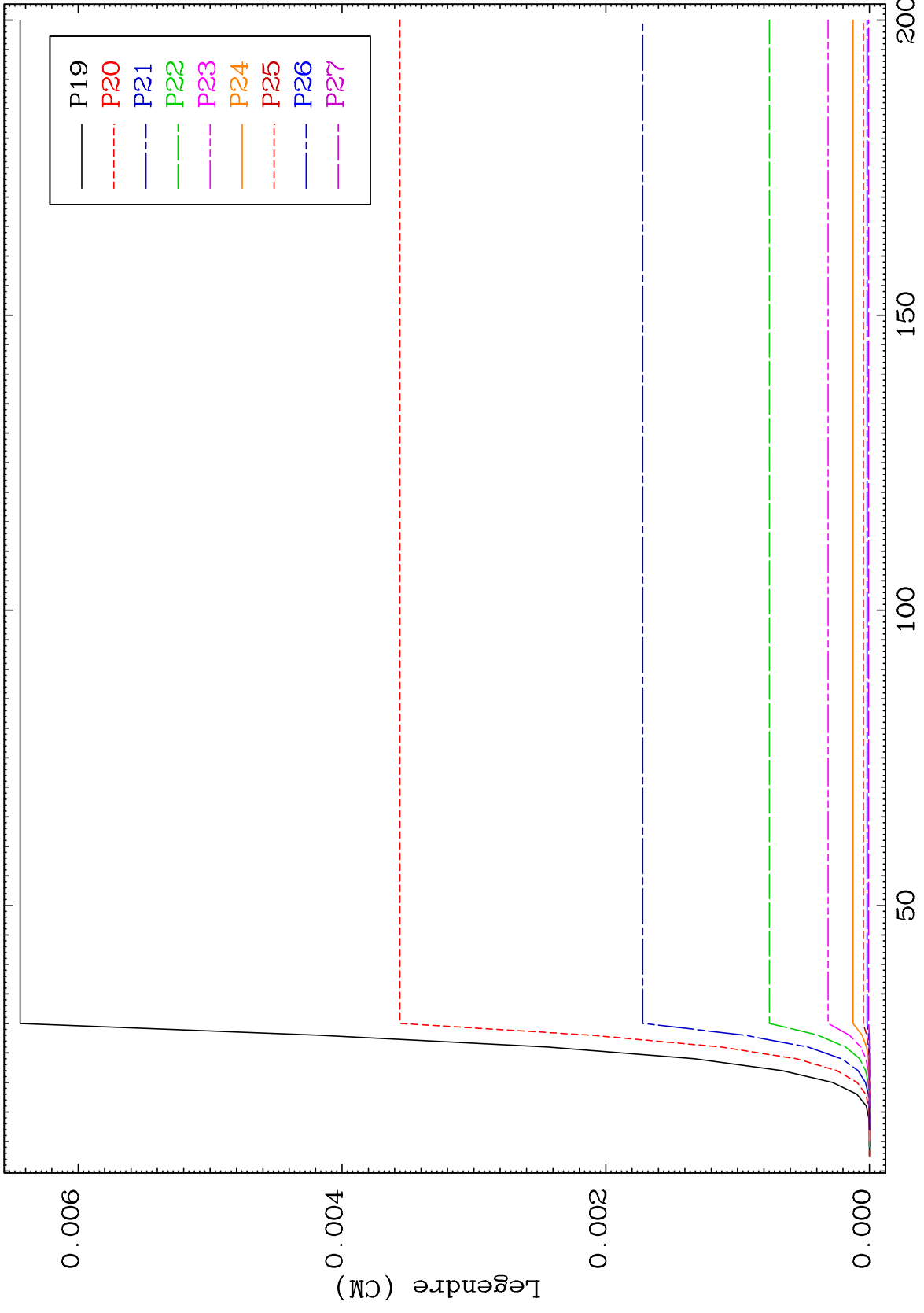
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



42

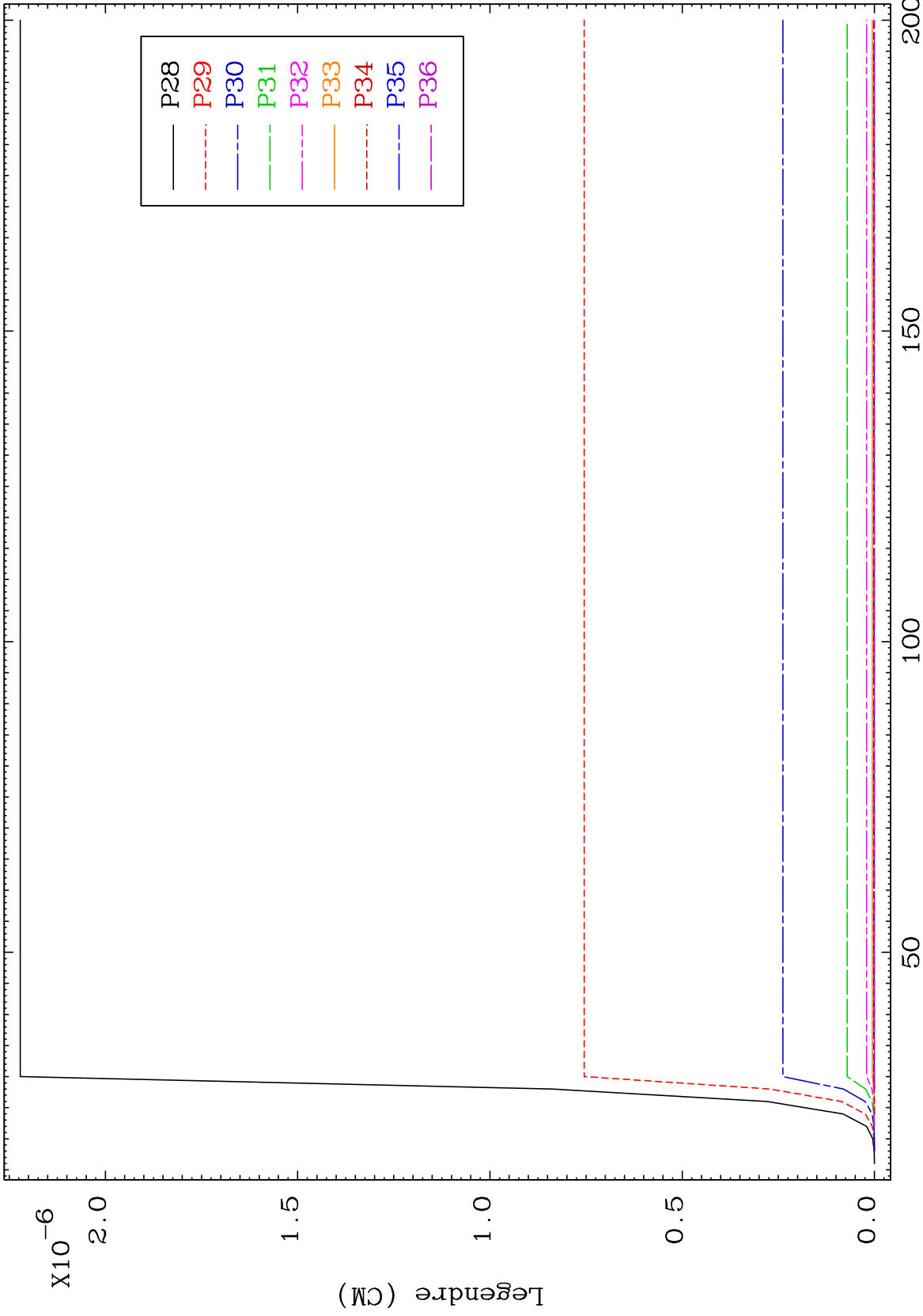
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



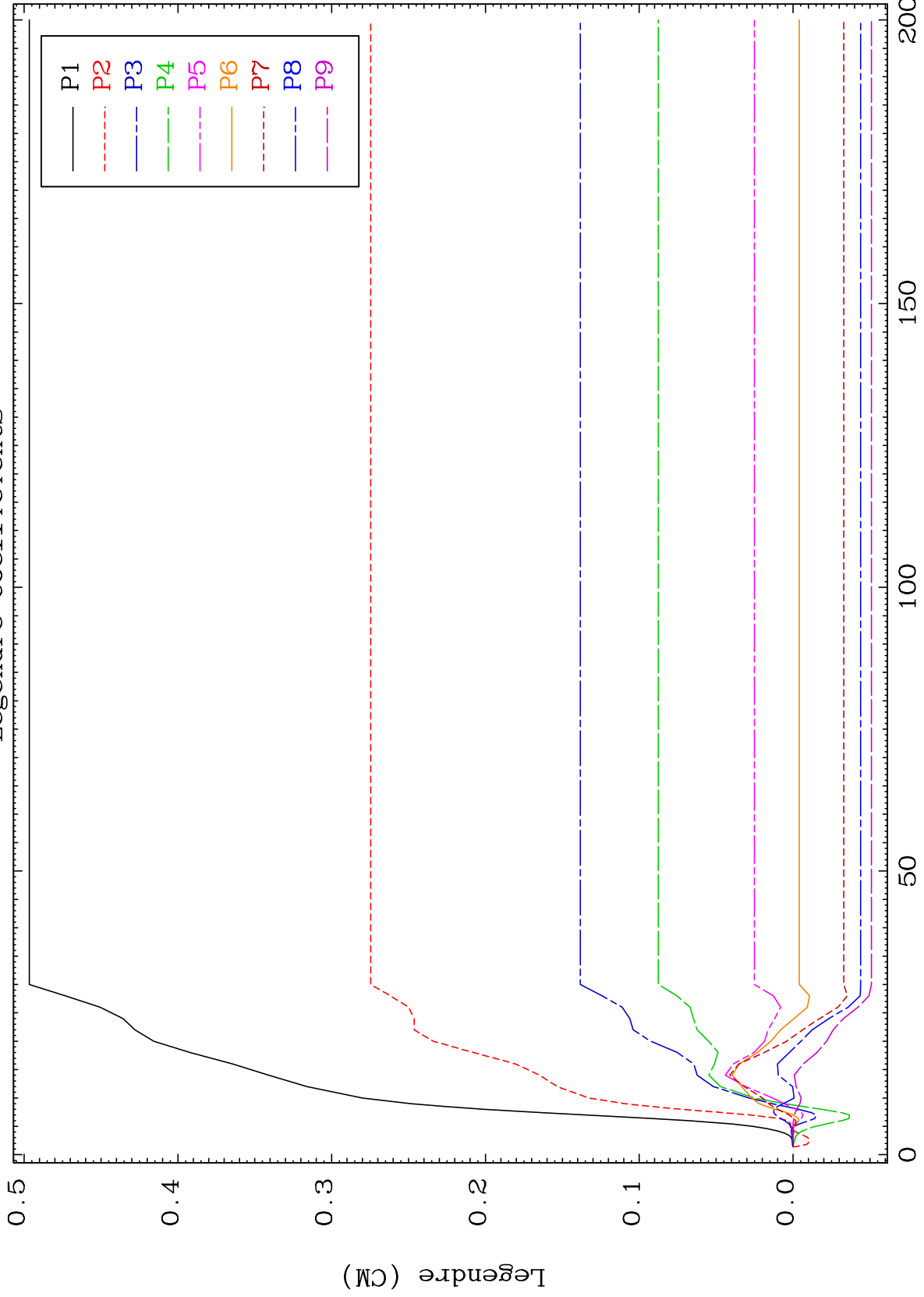
43

51-Sb-115

MAT 5107

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

51-Sb-115



44

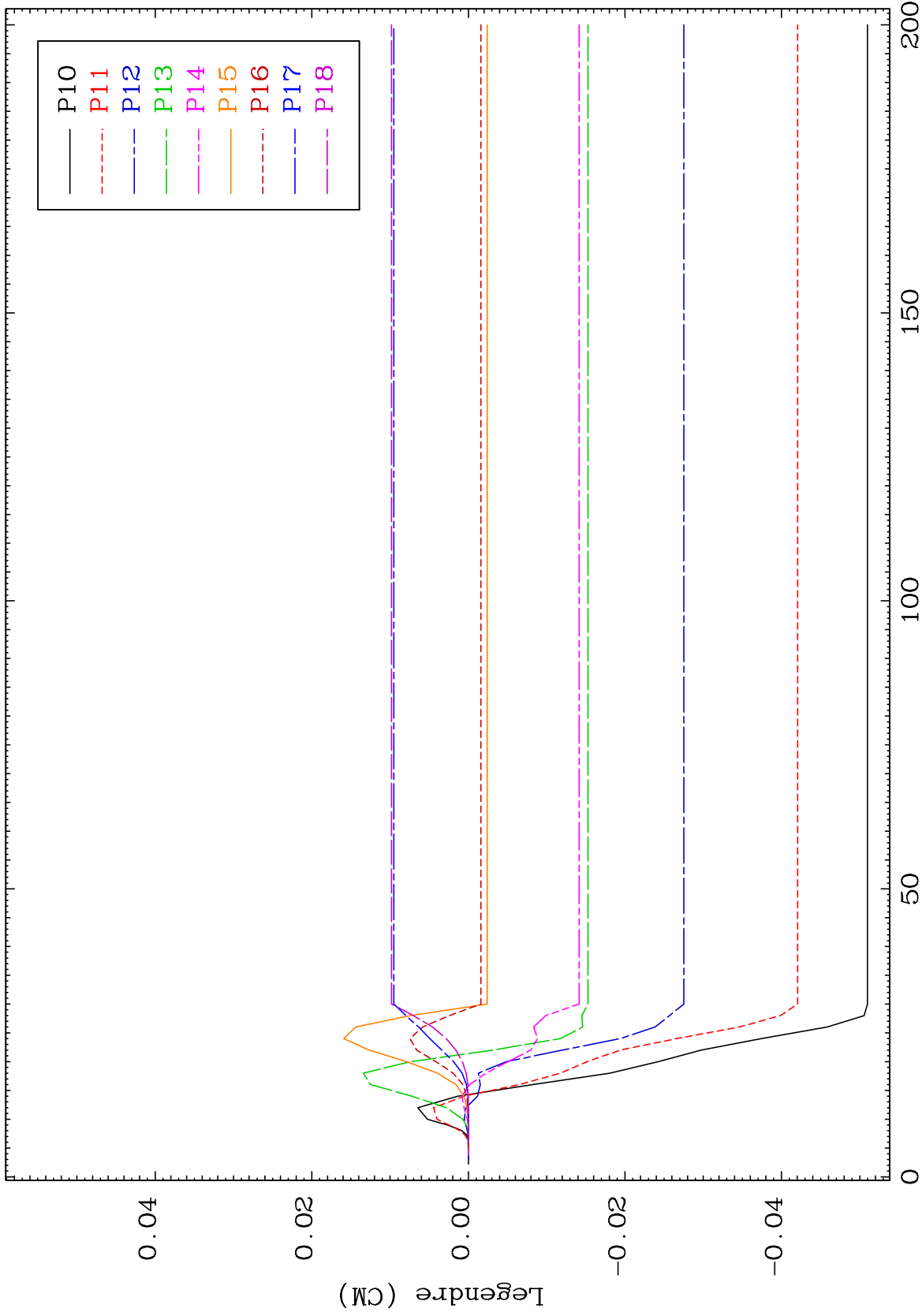
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



45

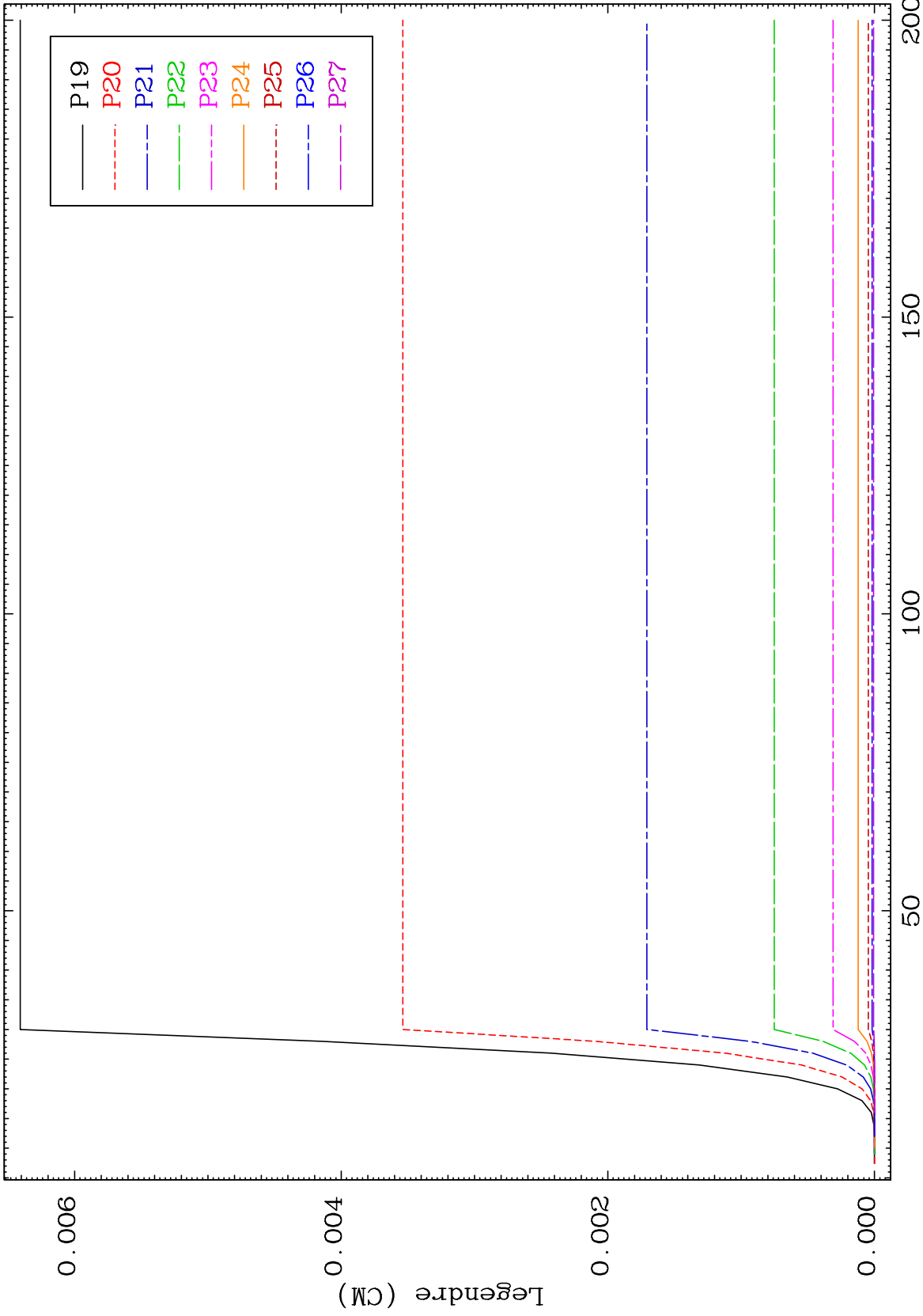
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



46

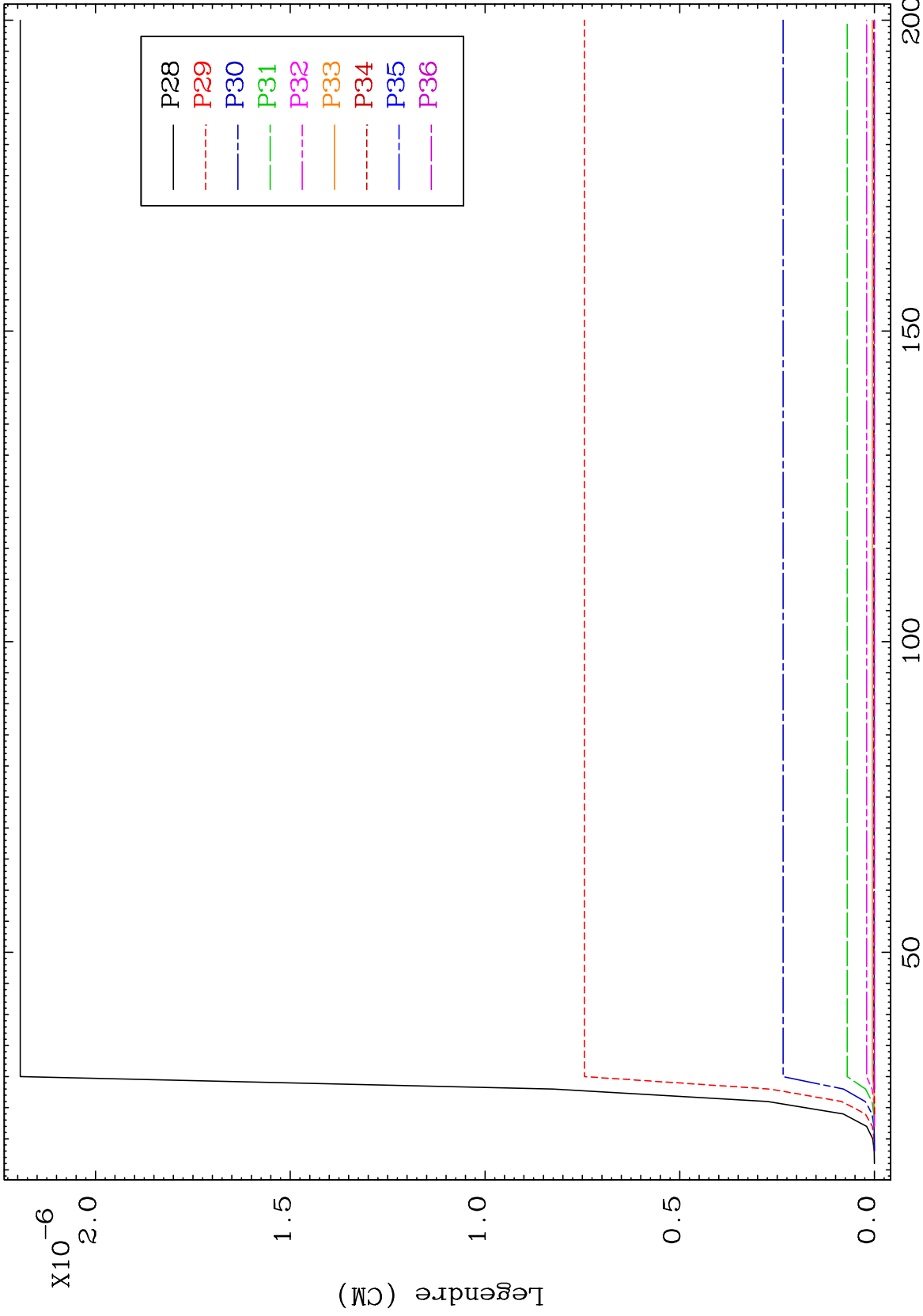
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

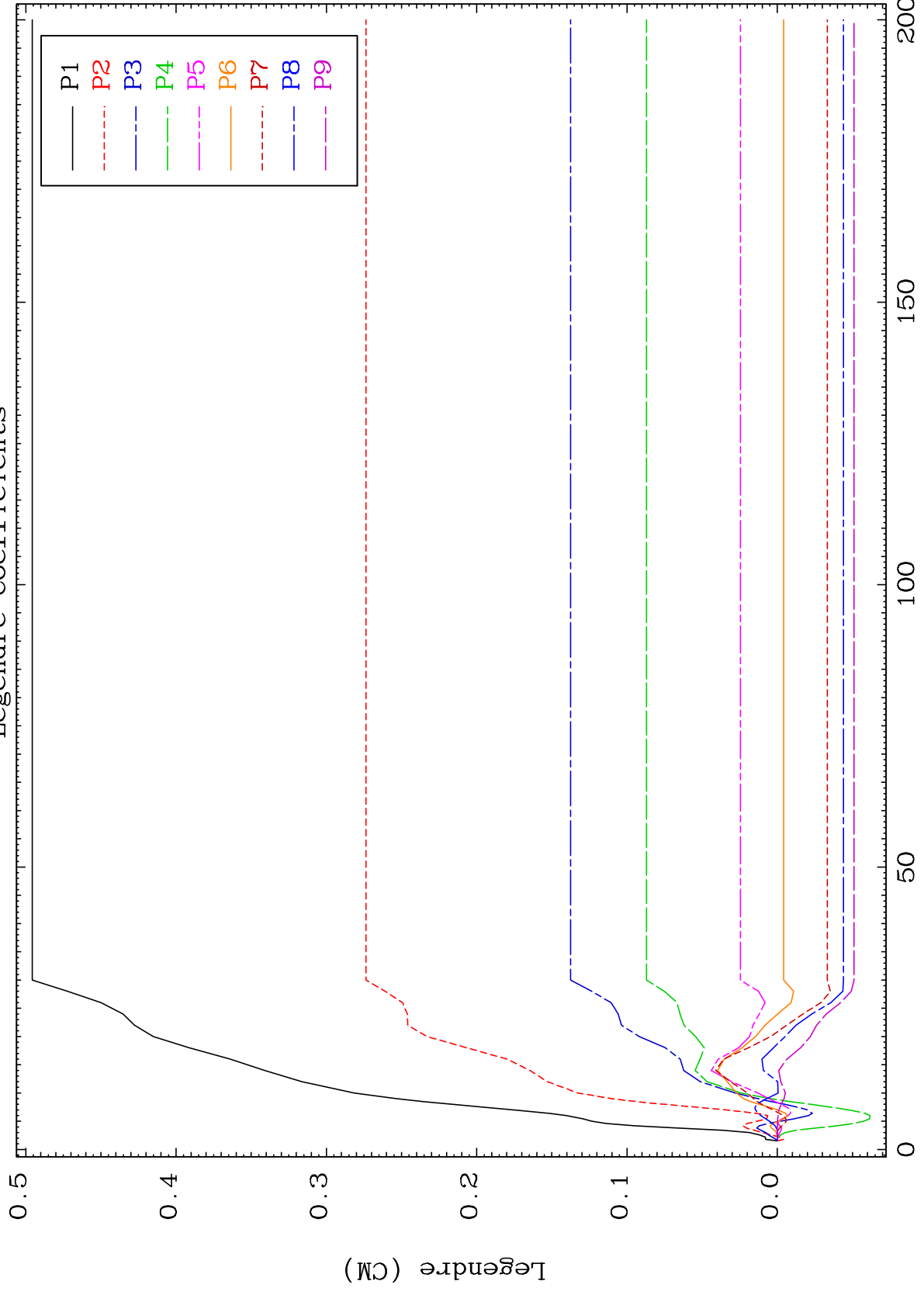


47

Incident Energy (MeV)

51-Sb-115

MAT 5107 MT= 58 (n,n') Level Legendre Coefficients 51-Sb-115

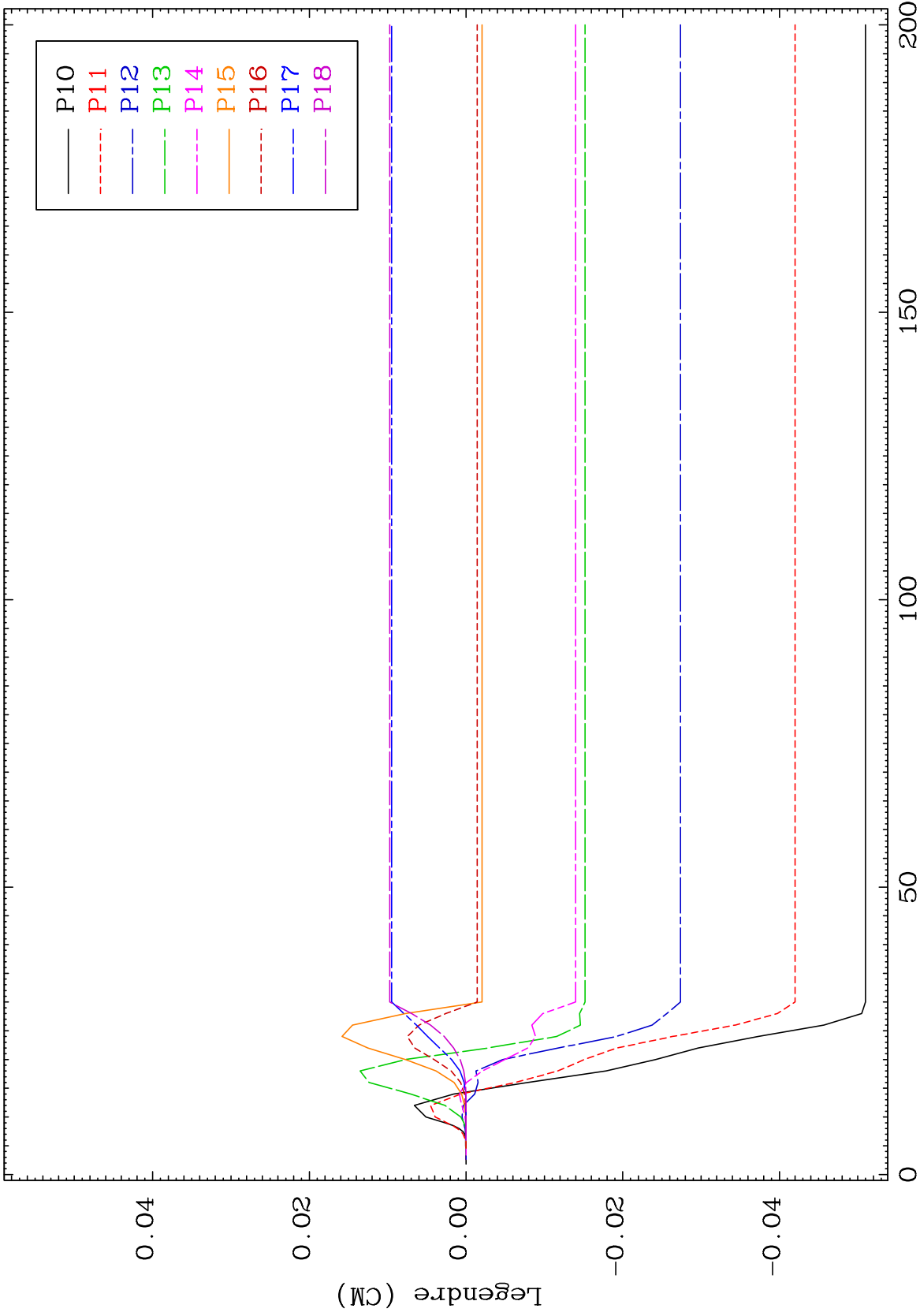


48 51-Sb-115

MAT 5107

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

51-Sb-115



49

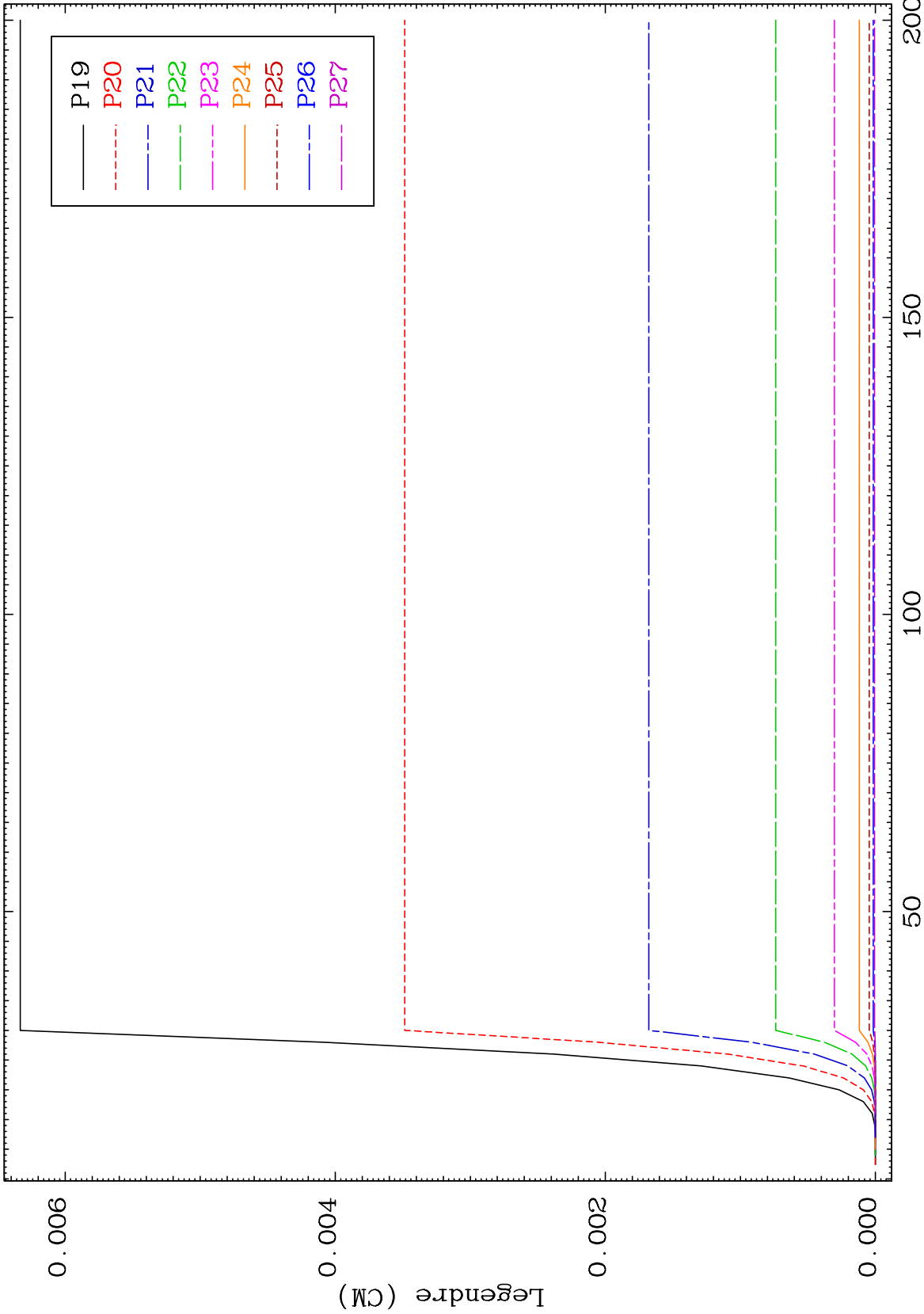
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



50

Incident Energy (MeV)

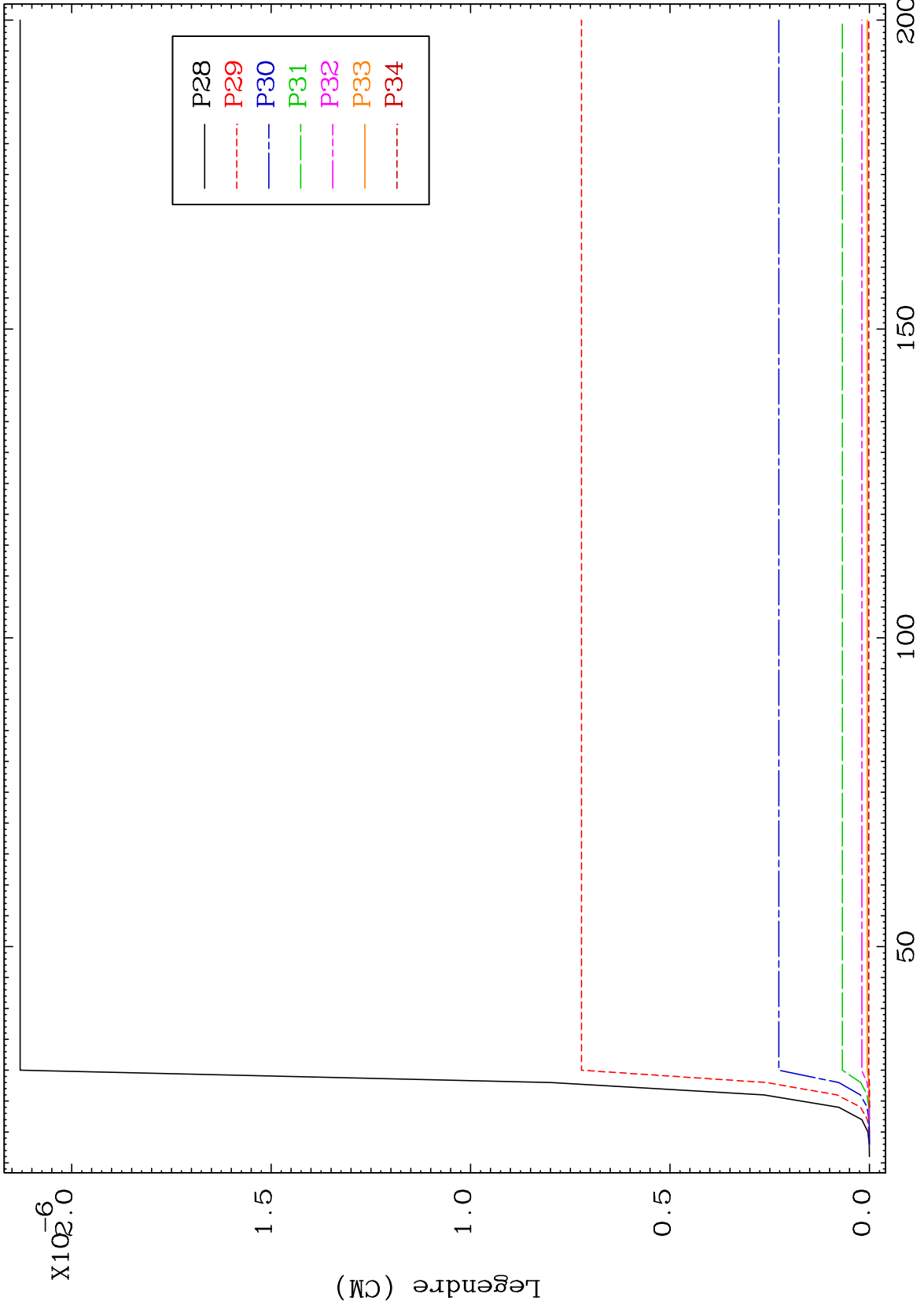
51-Sb-115

200

MAT 5107

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

51-Sb-115

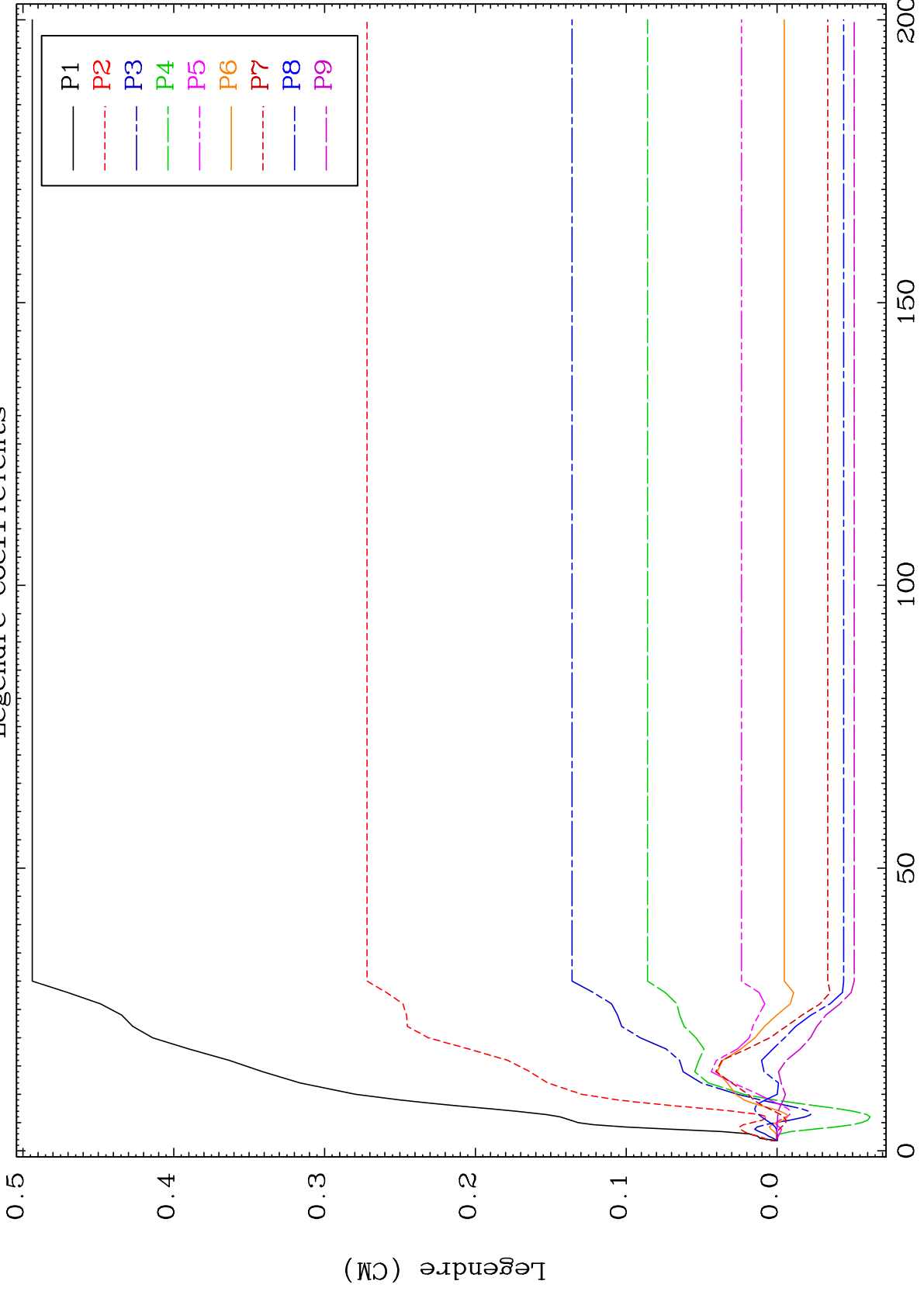


51

Incident Energy (MeV)

51-Sb-115

MAT 5107 MT= 59 (n,n') Level Legendre Coefficients 51-Sb-115

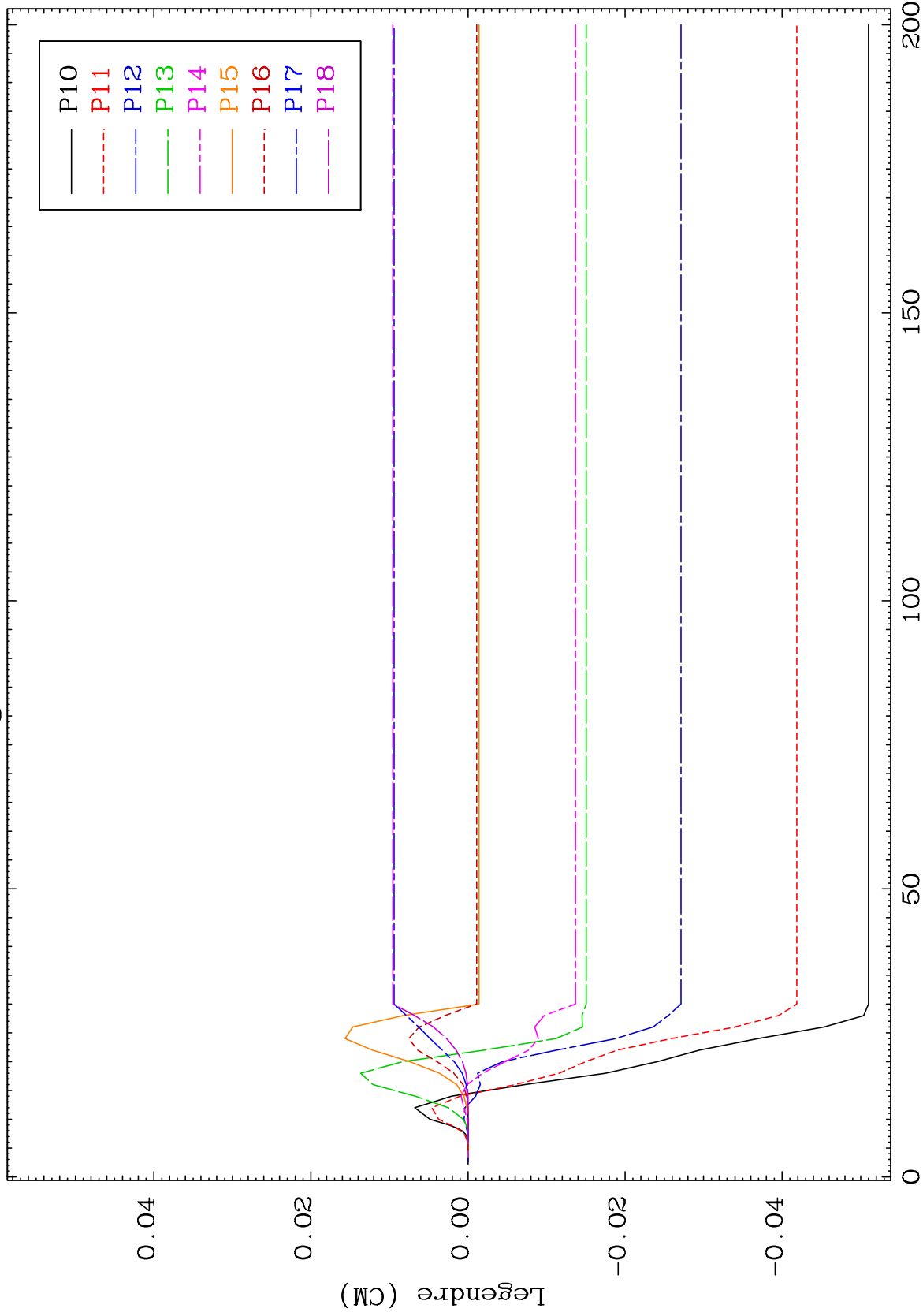


52 51-Sb-115

MAT 5107

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

51-Sb-115



53

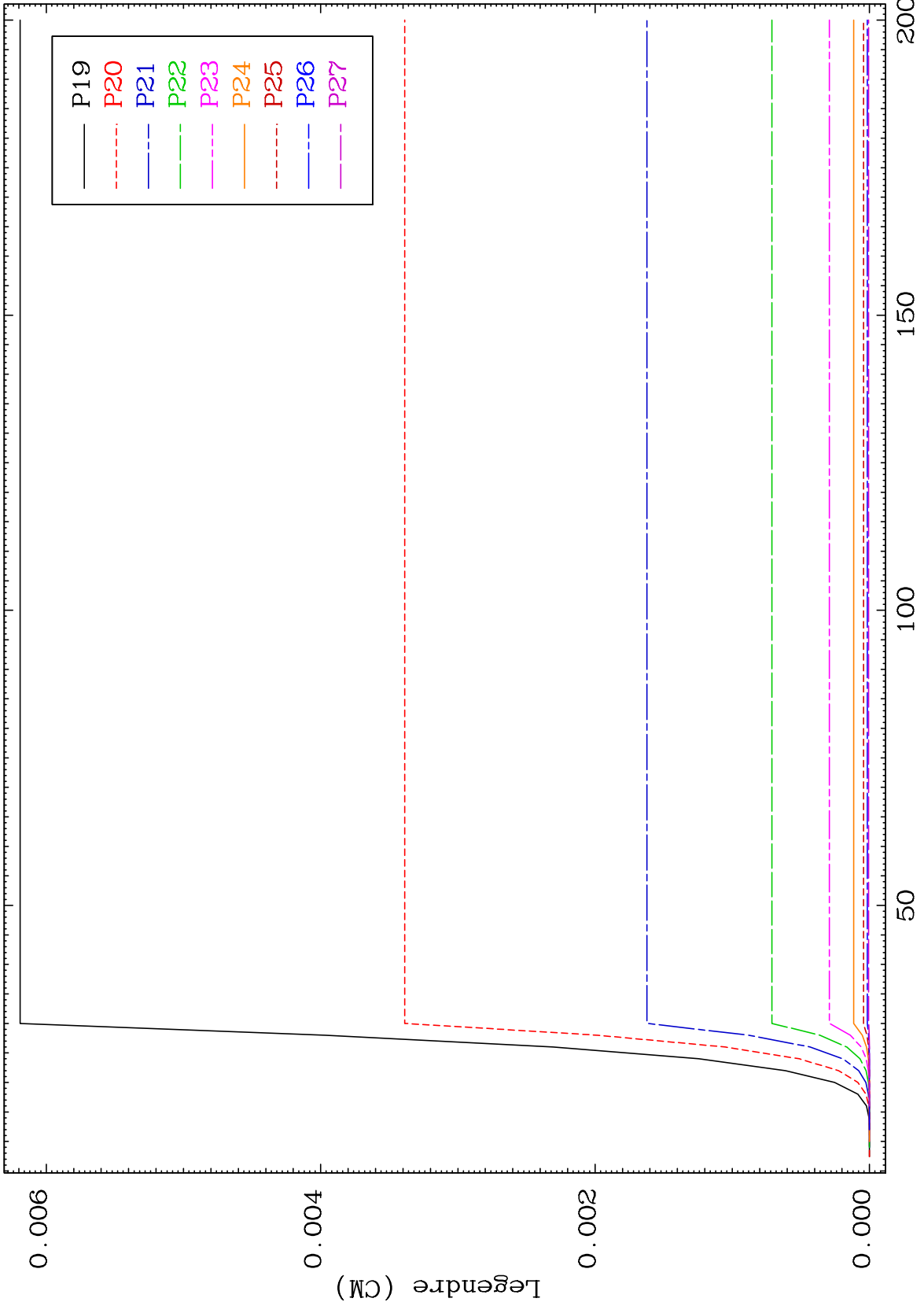
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



54

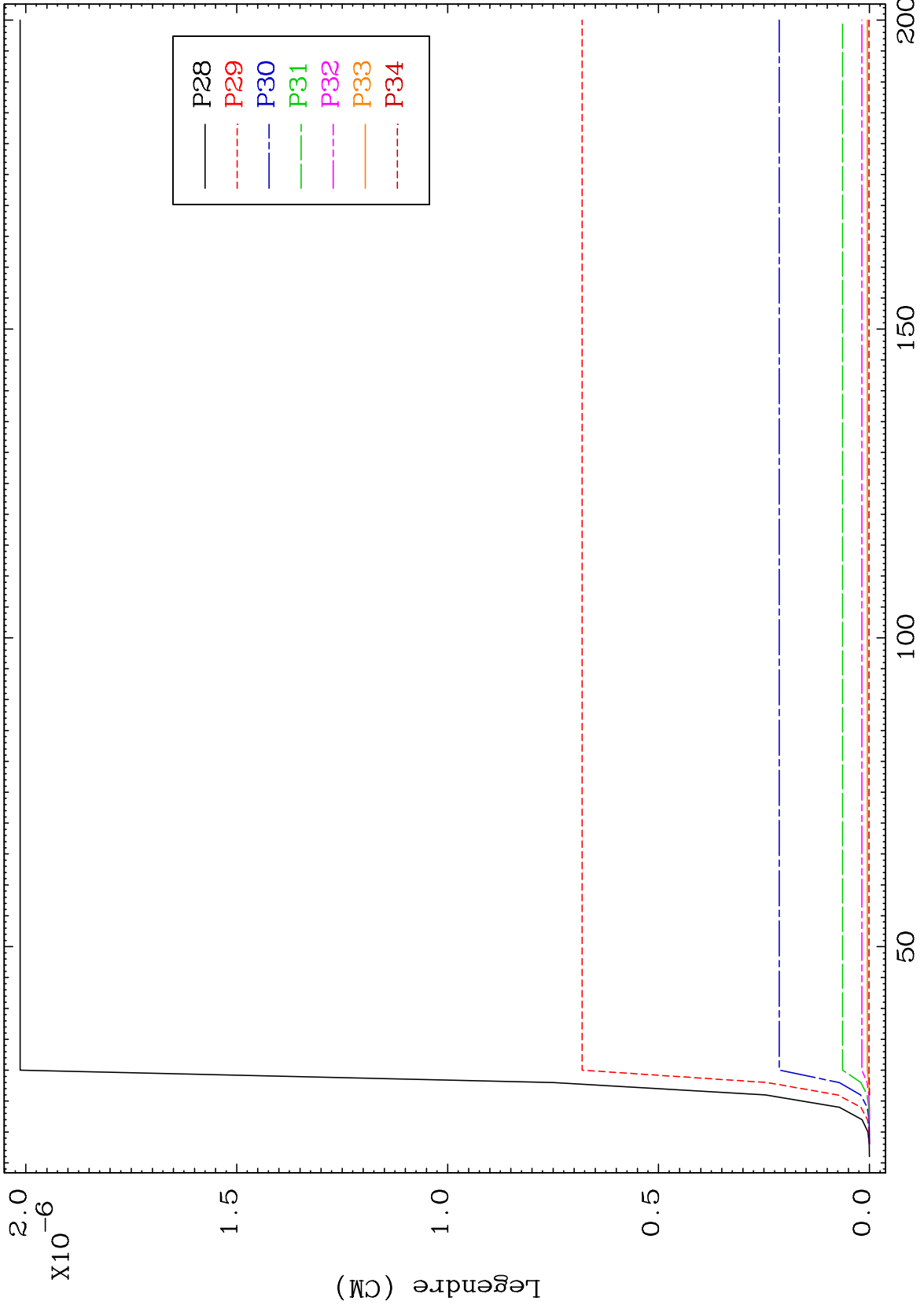
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



55

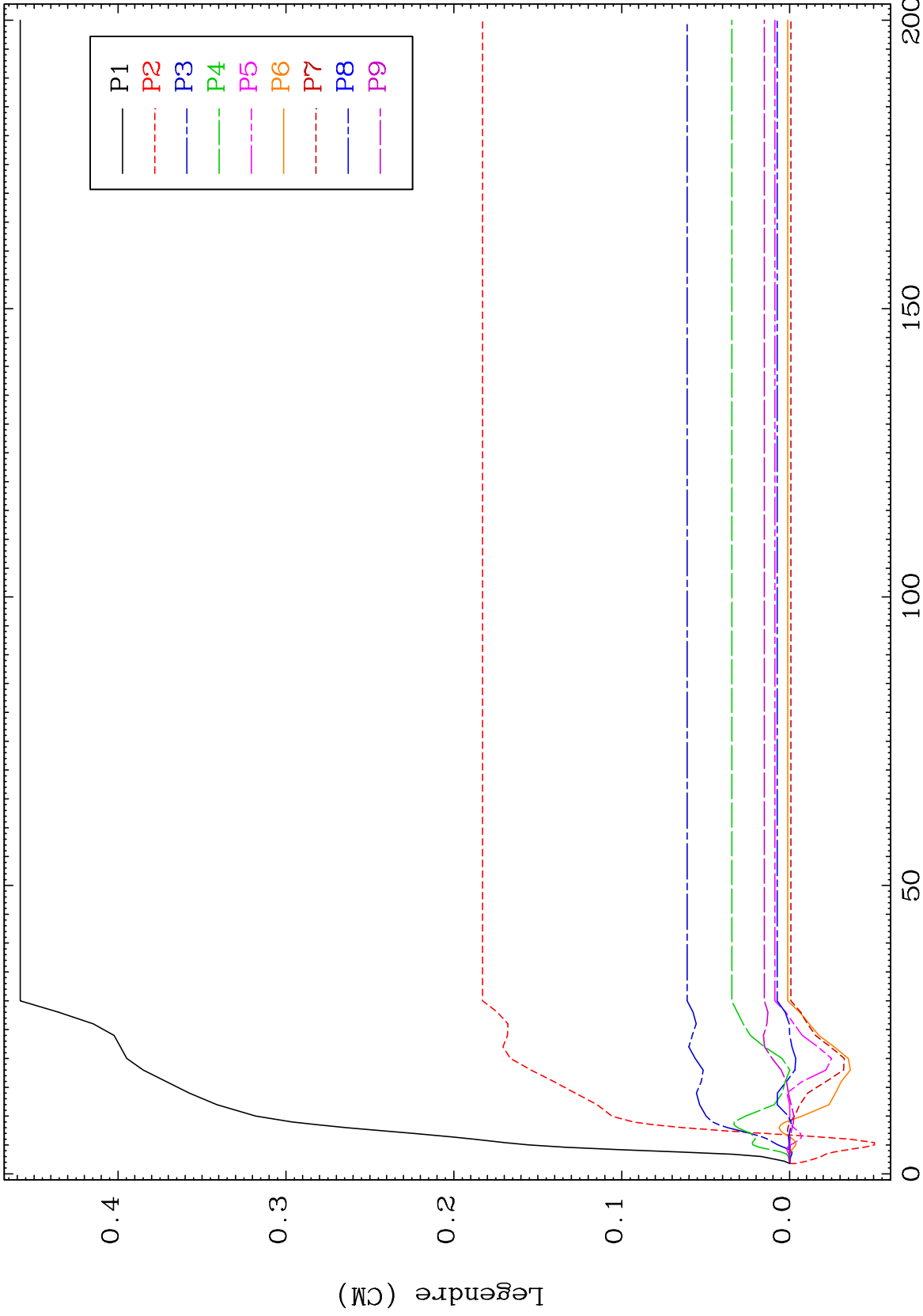
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



56

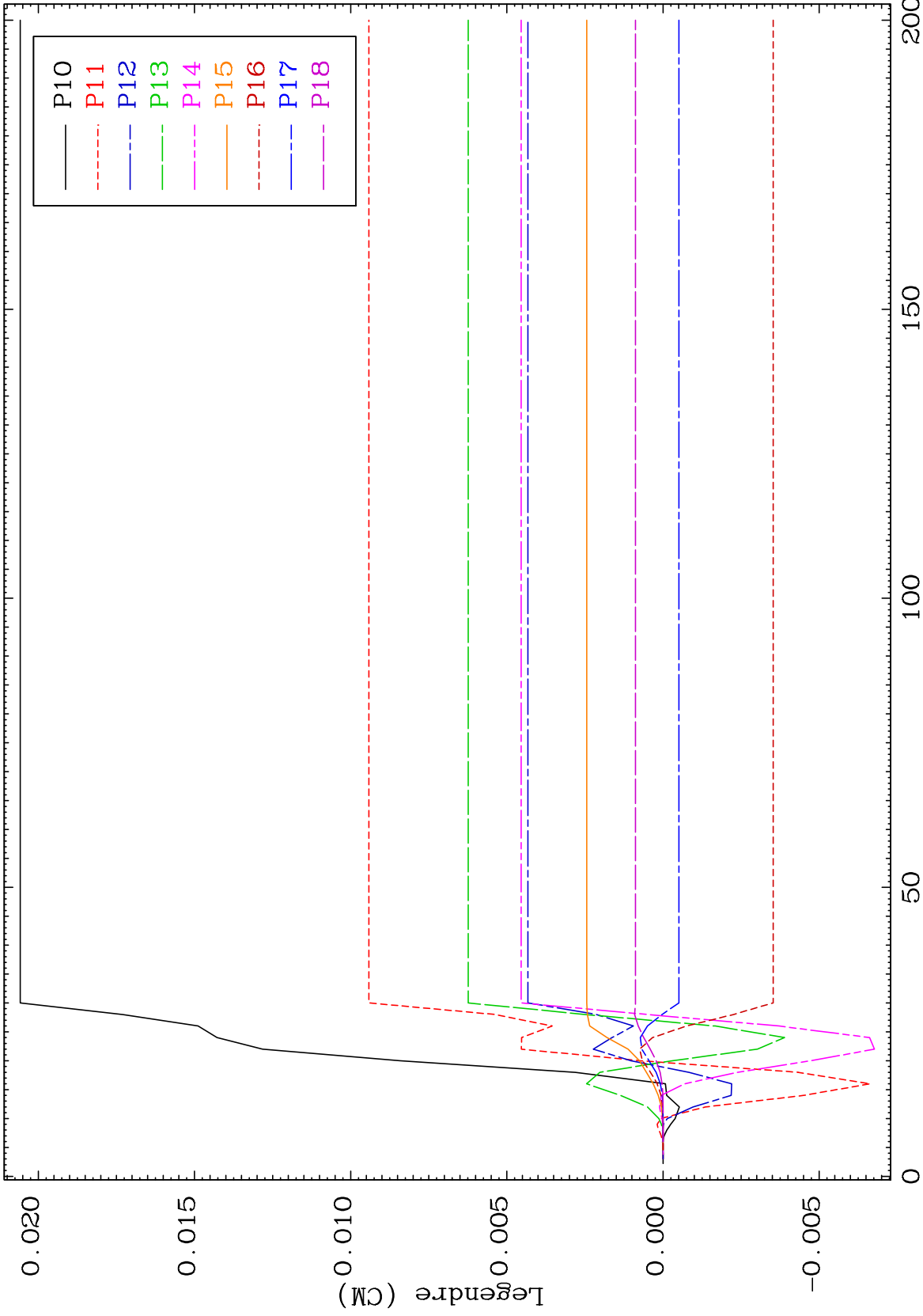
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



57

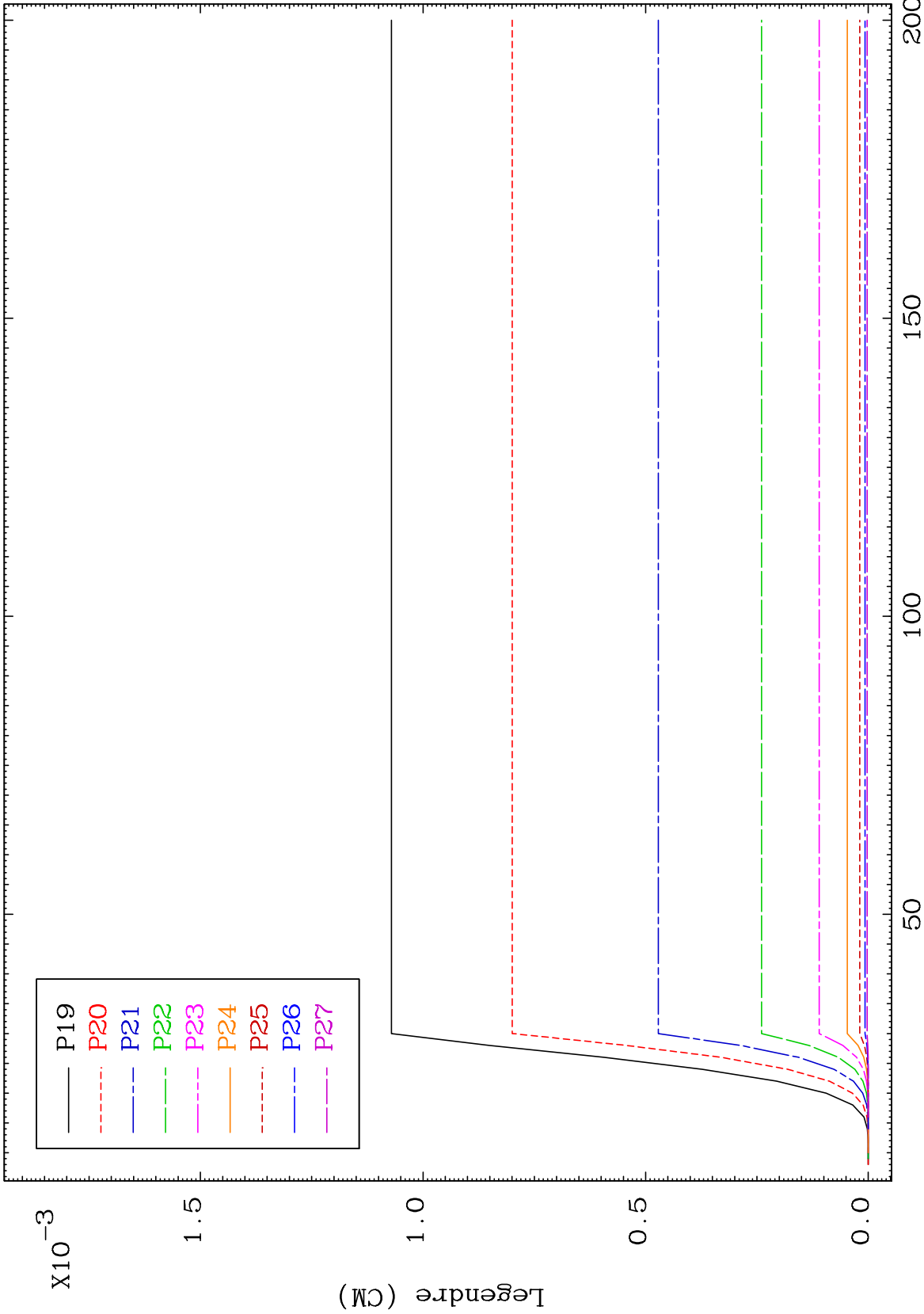
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



58

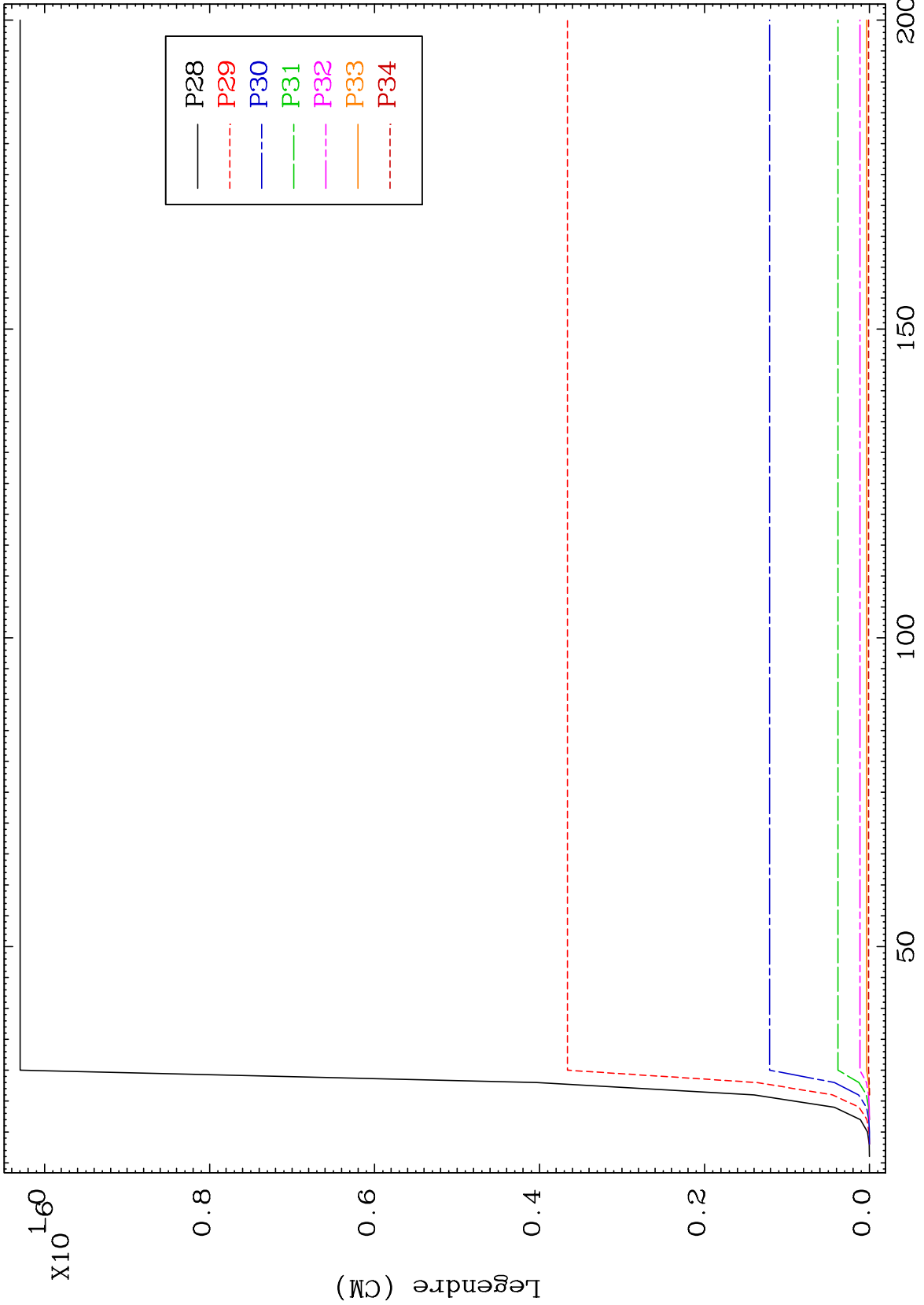
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



59

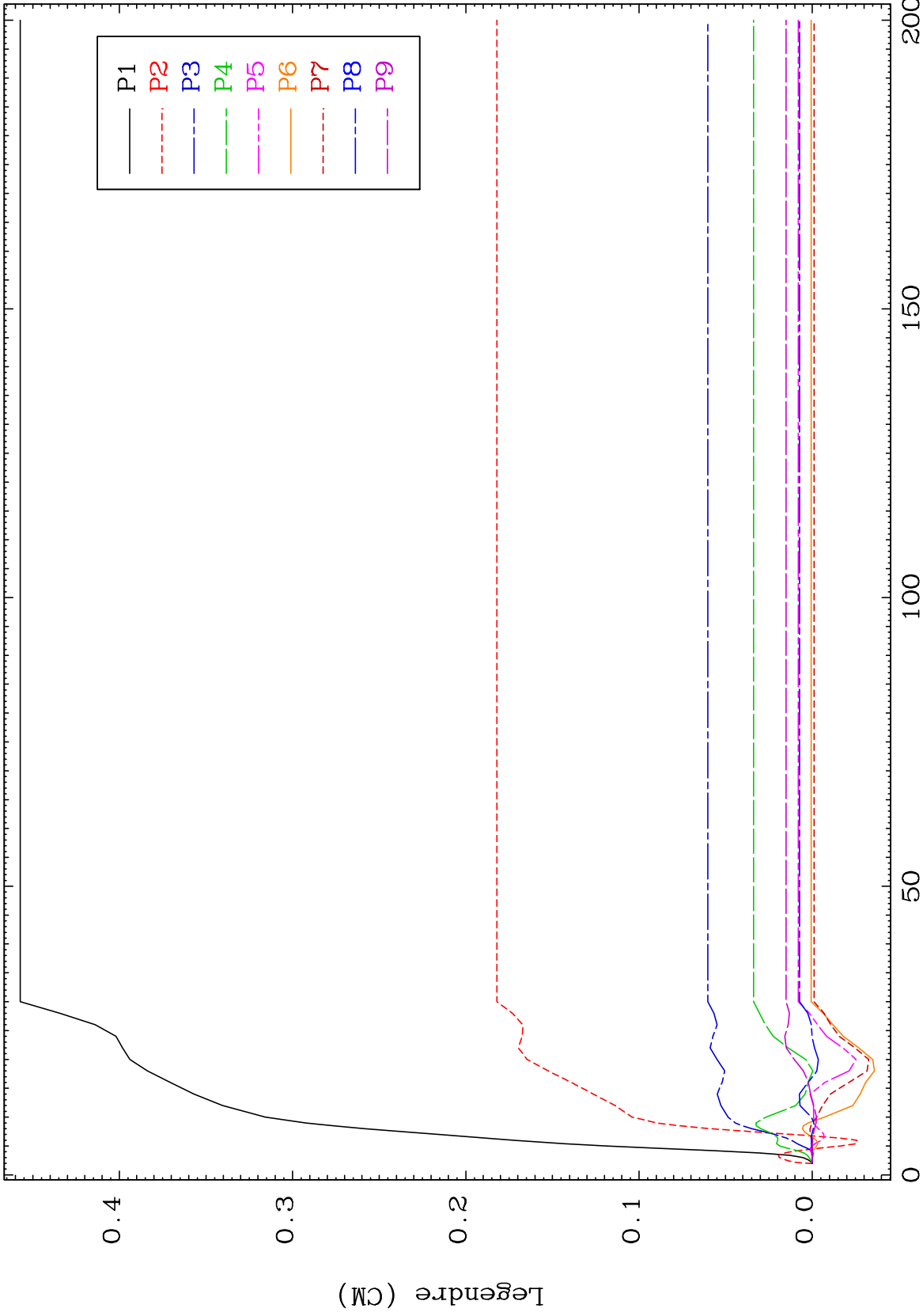
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

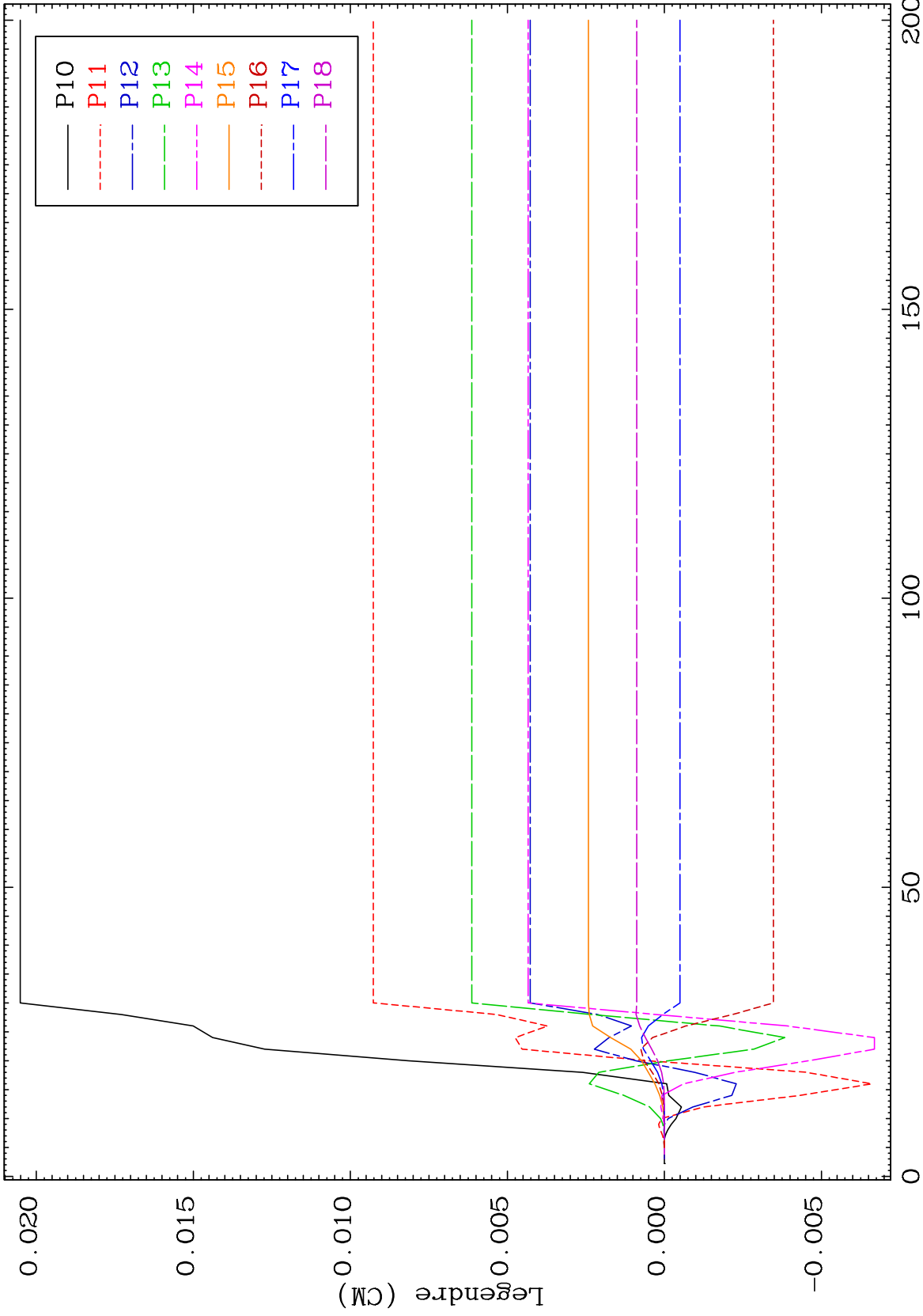
51-Sb-115



MAT 5107

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

51-Sb-115



61

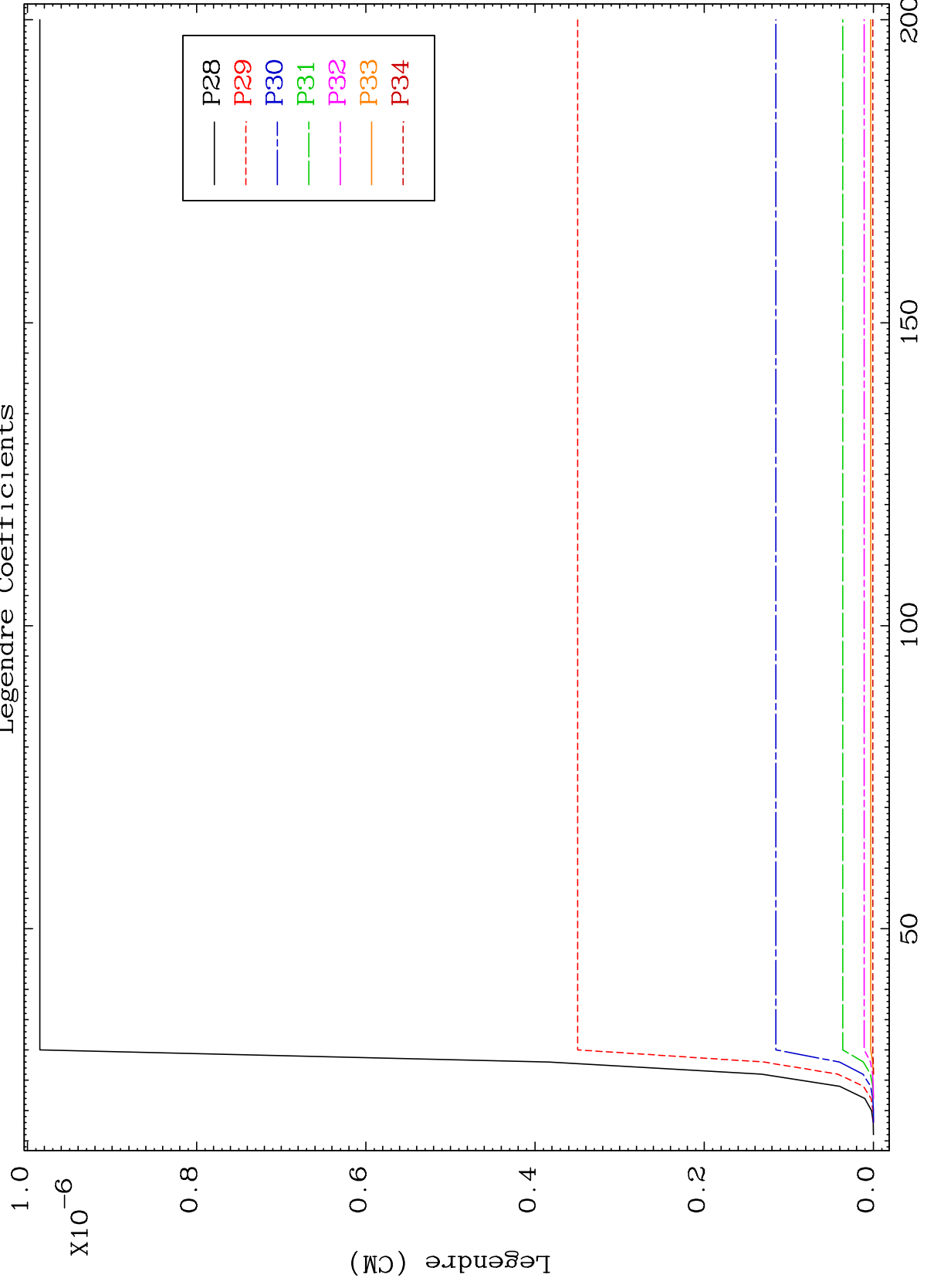
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

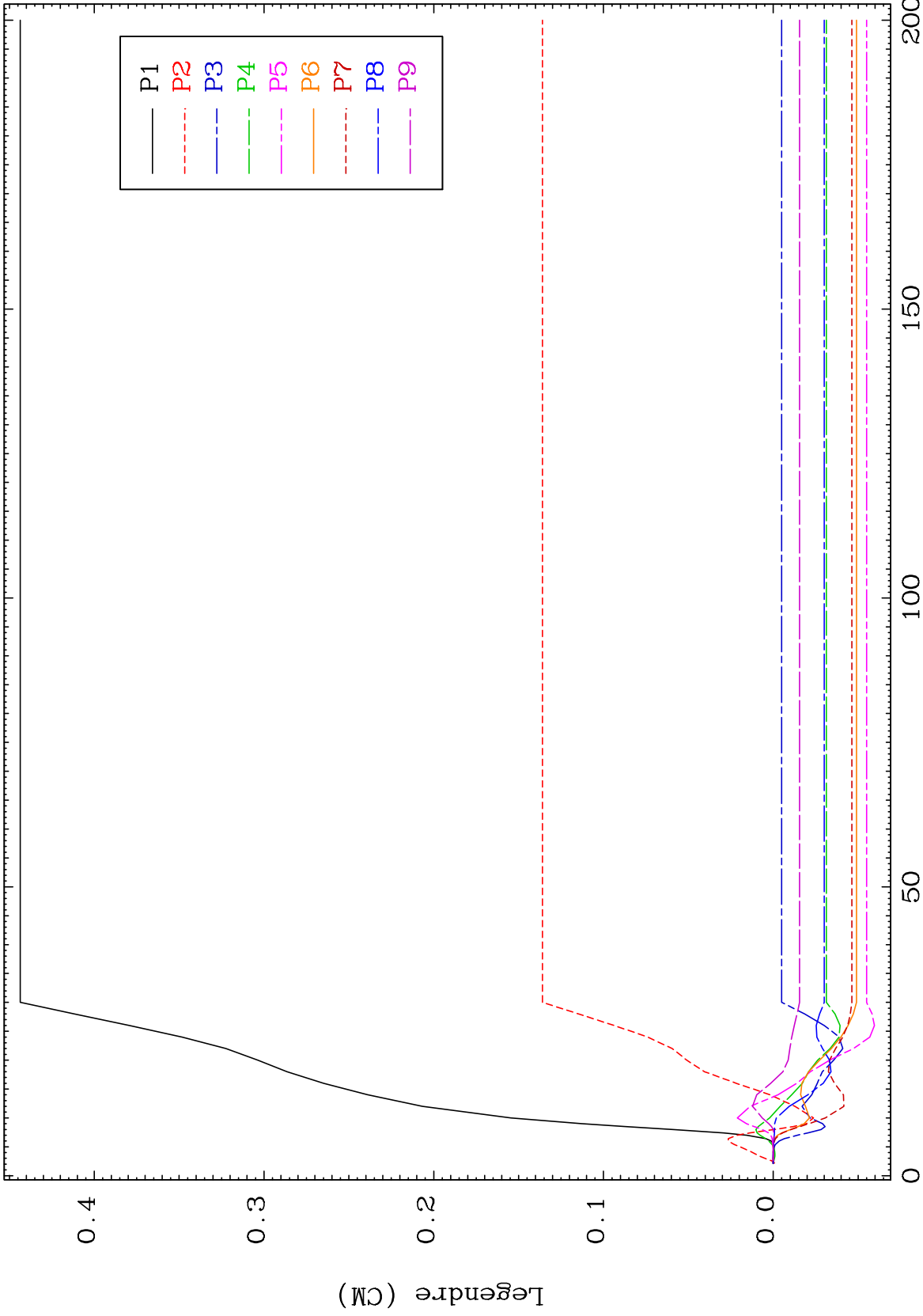
51-Sb-115



MAT 5107

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

51-Sb-115



64

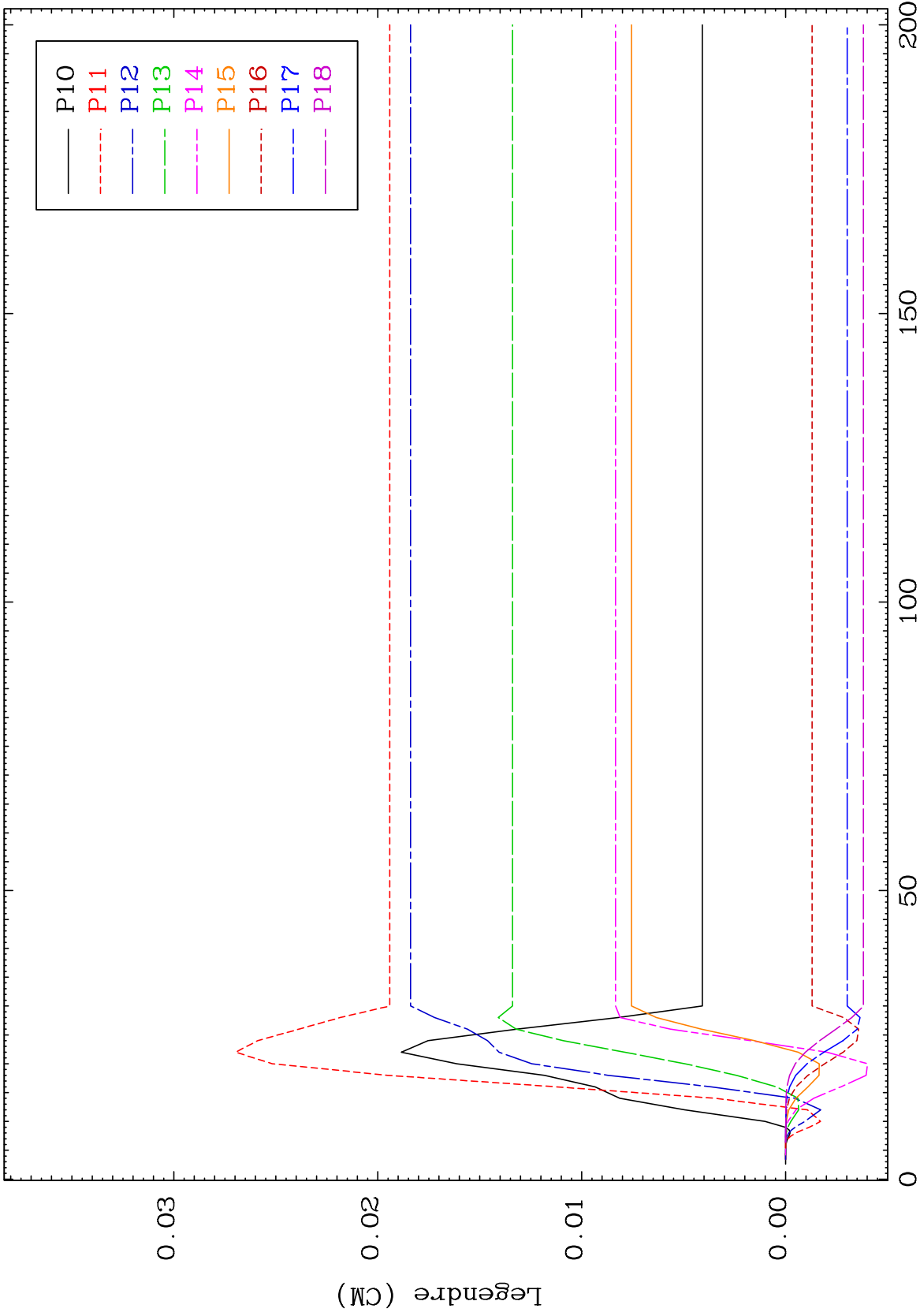
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

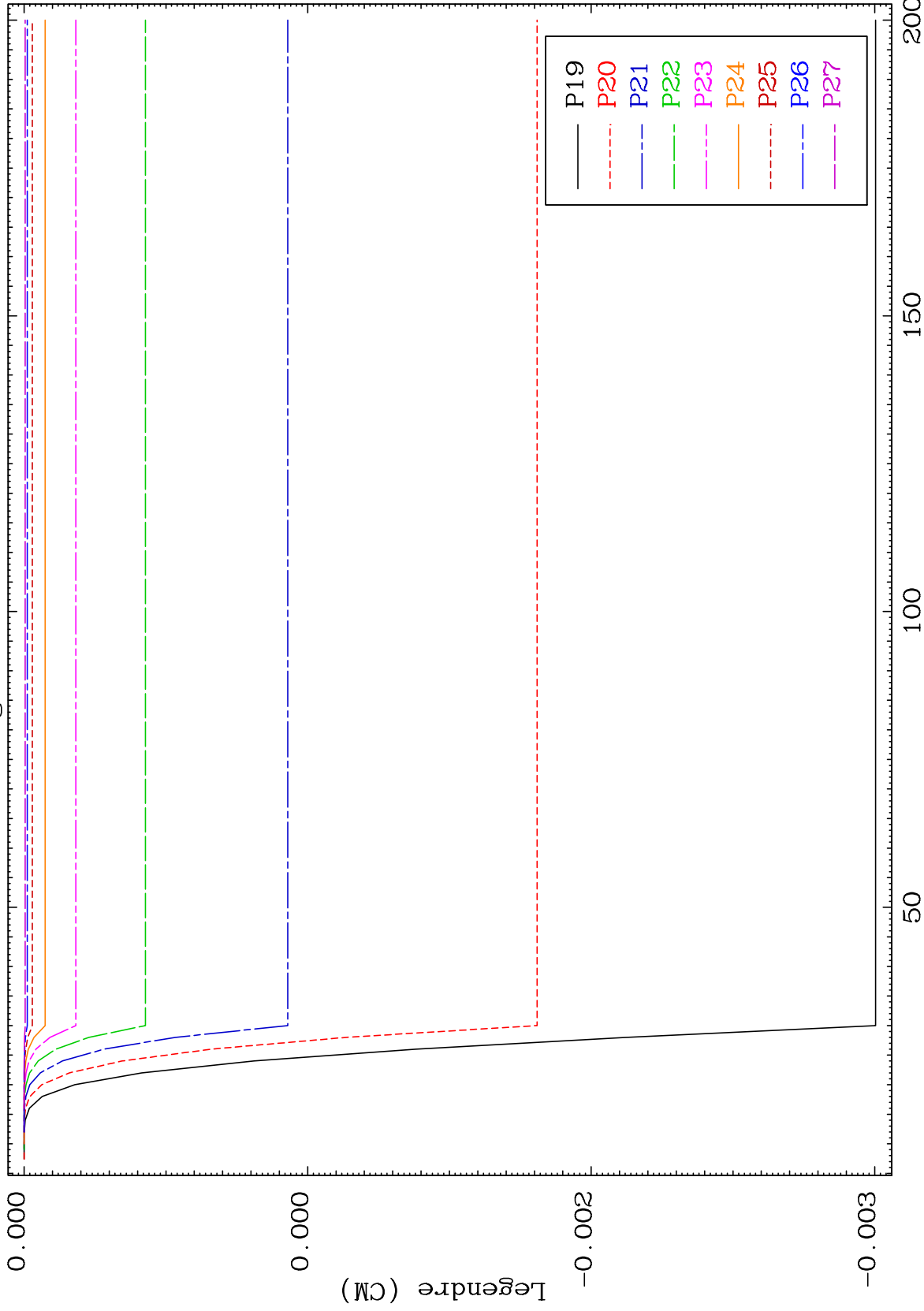
51-Sb-115



65

Incident Energy (MeV)

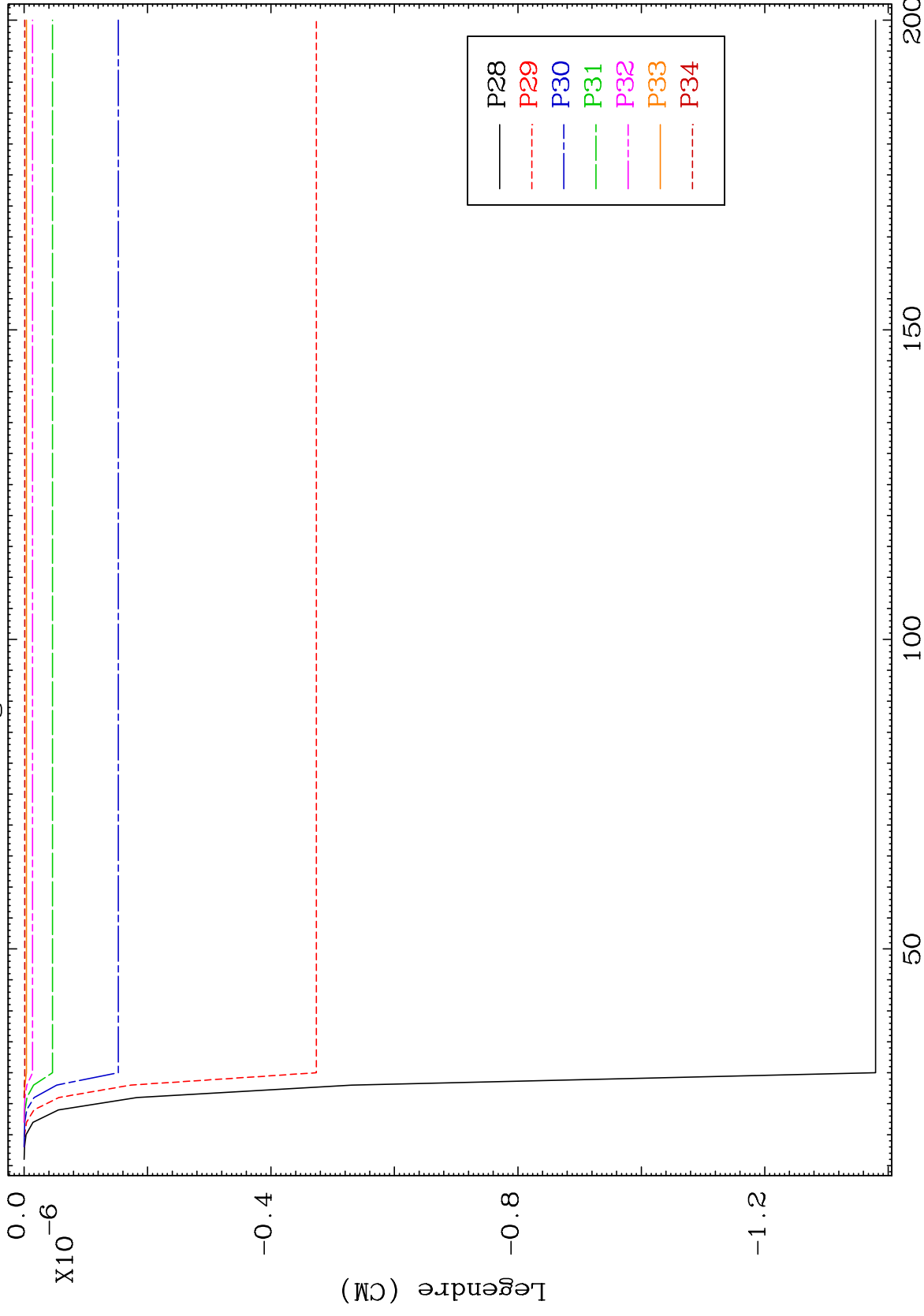
51-Sb-115



MAT 5107

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

51-Sb-115



51-Sb-115

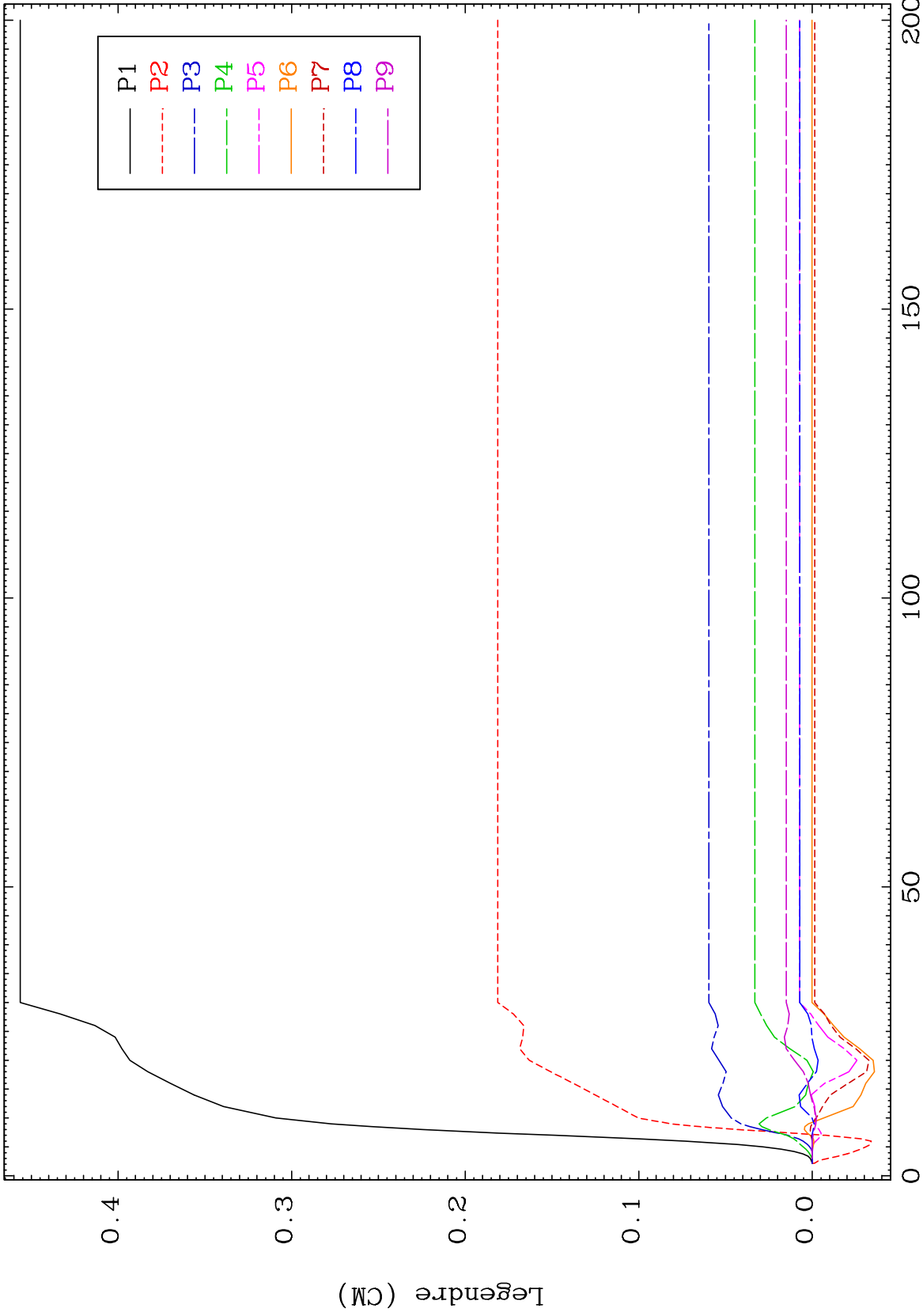
Incident Energy (MeV)

67

MAT 5107

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

51-Sb-115



68

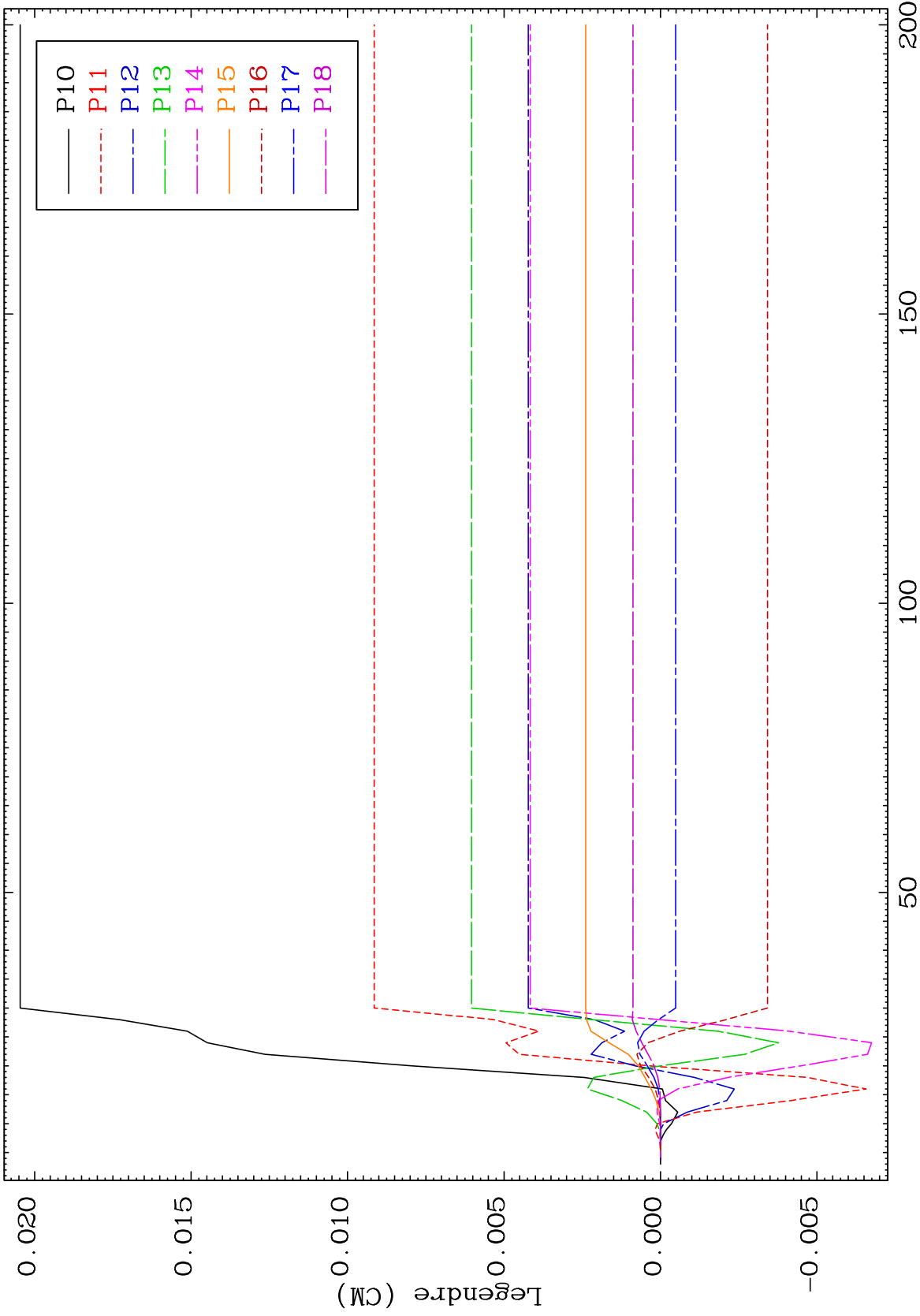
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



69

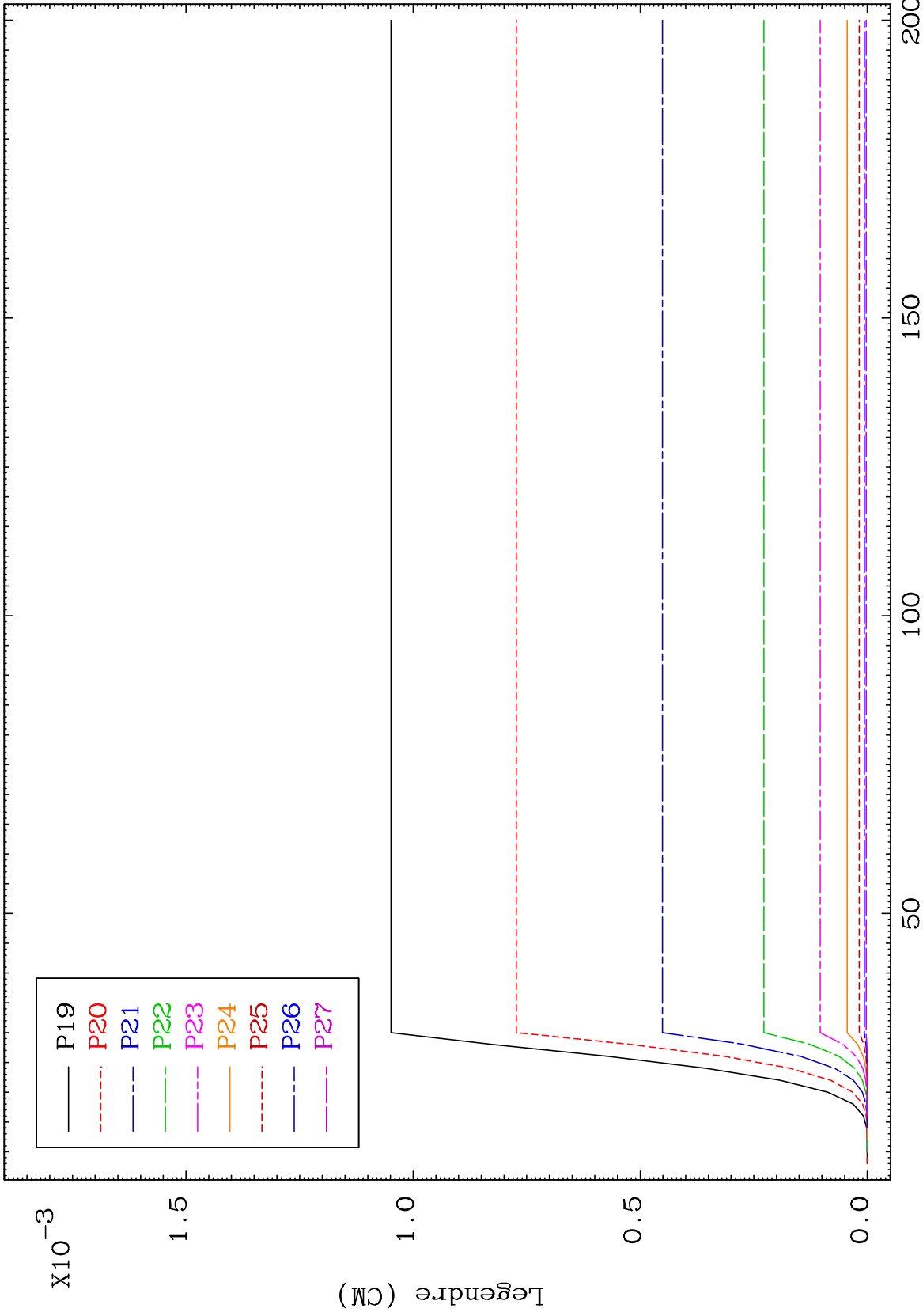
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



70

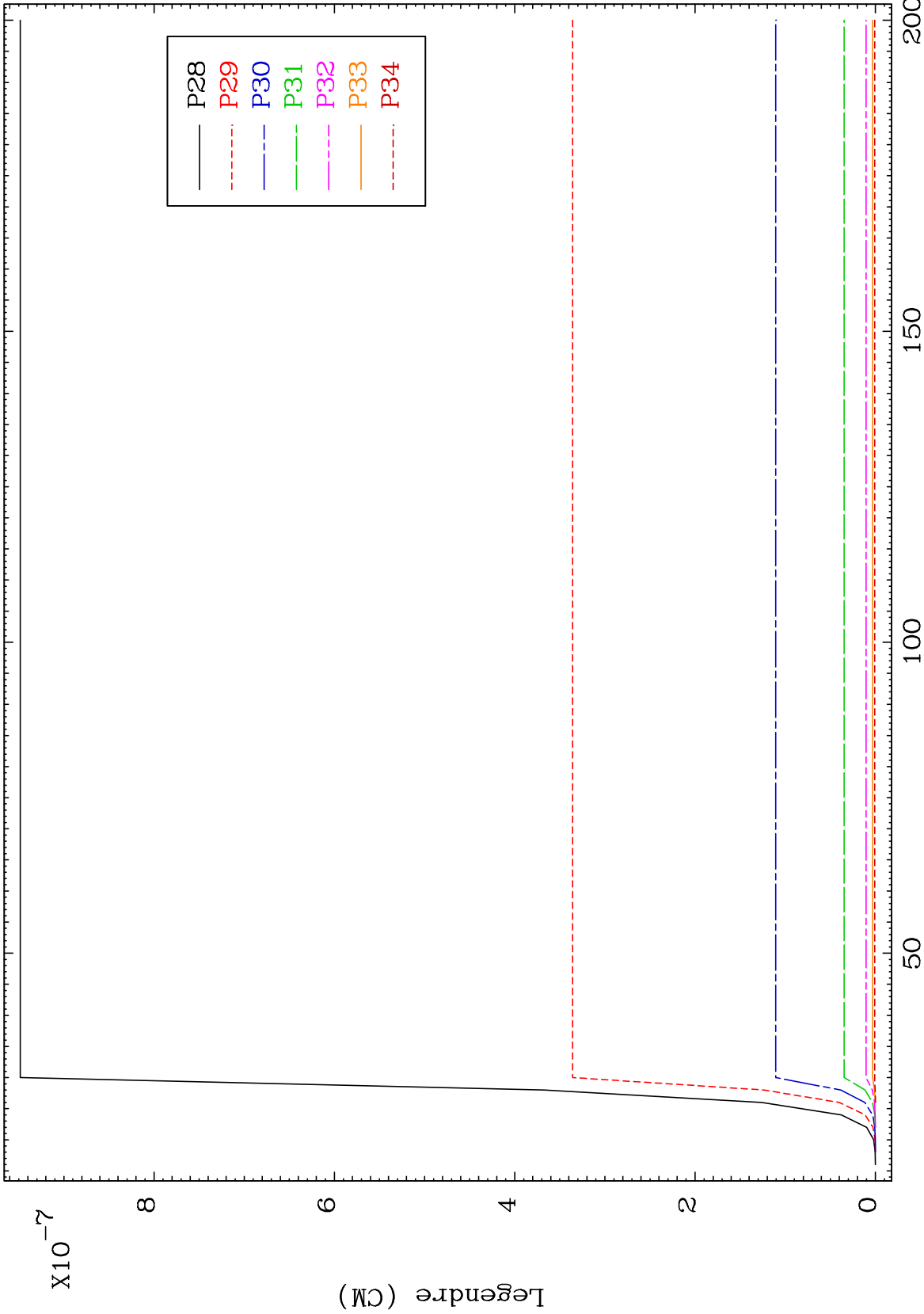
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



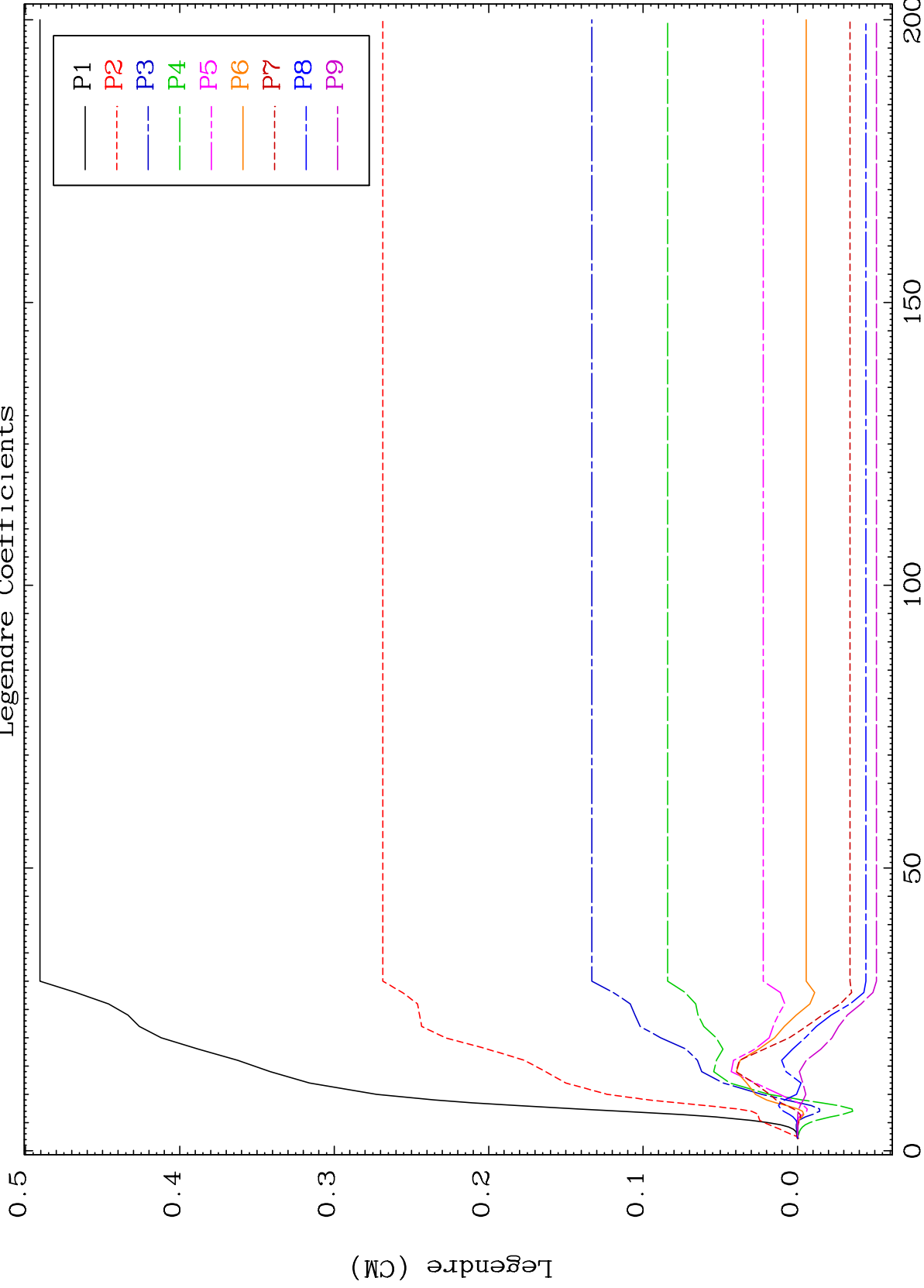
71

51-Sb-115

MAT 5107

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

51-Sb-115



72

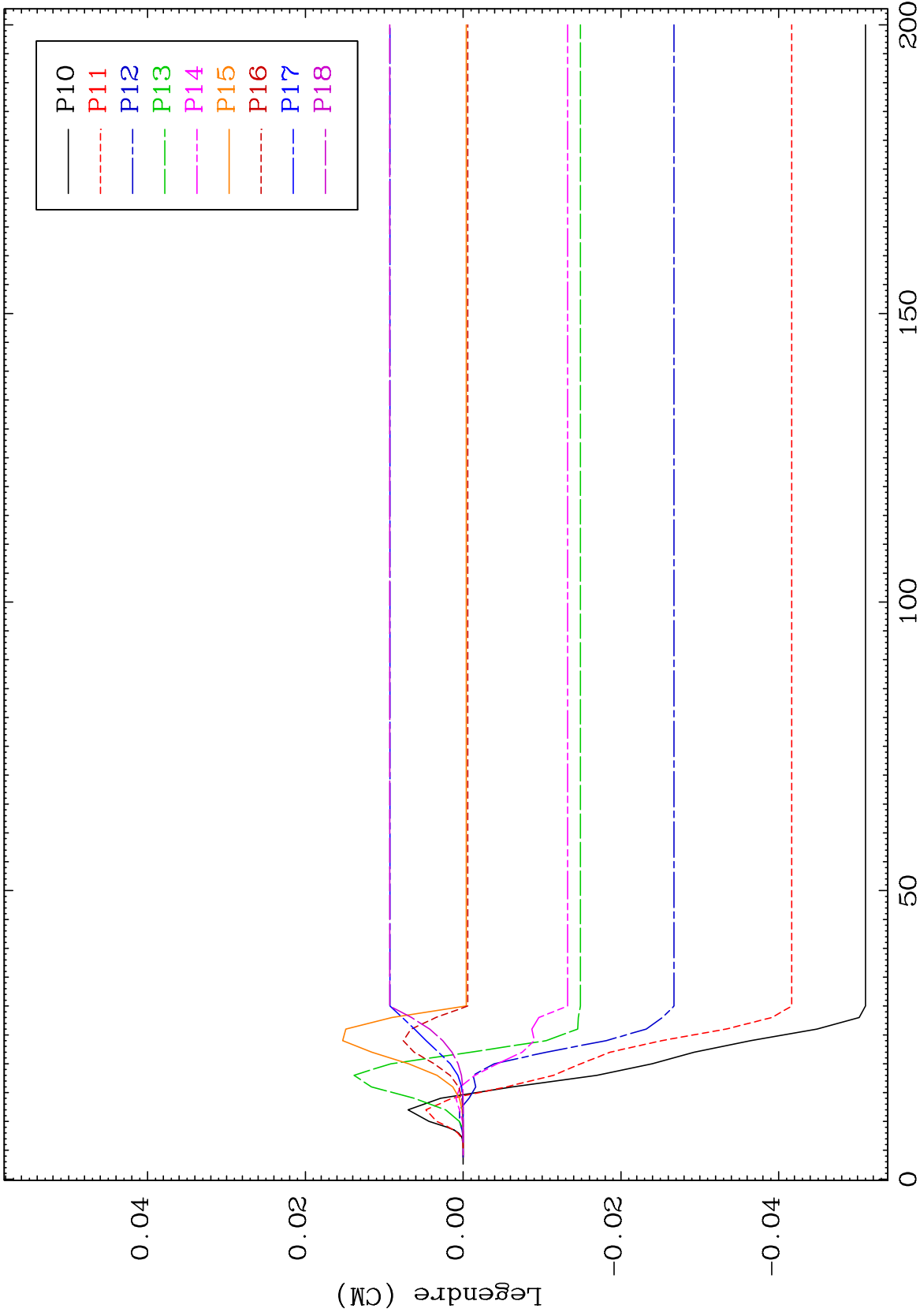
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



73

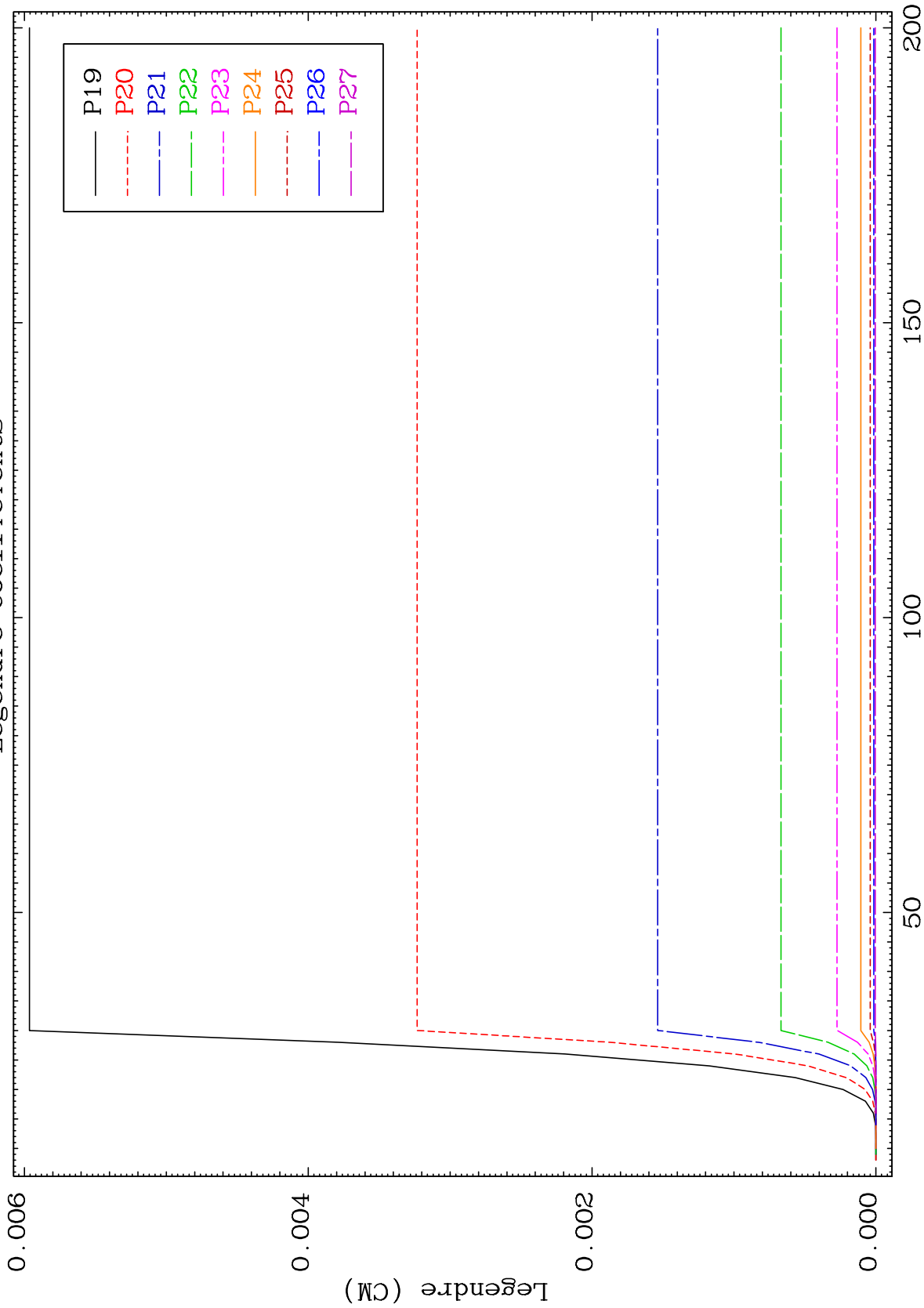
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



74

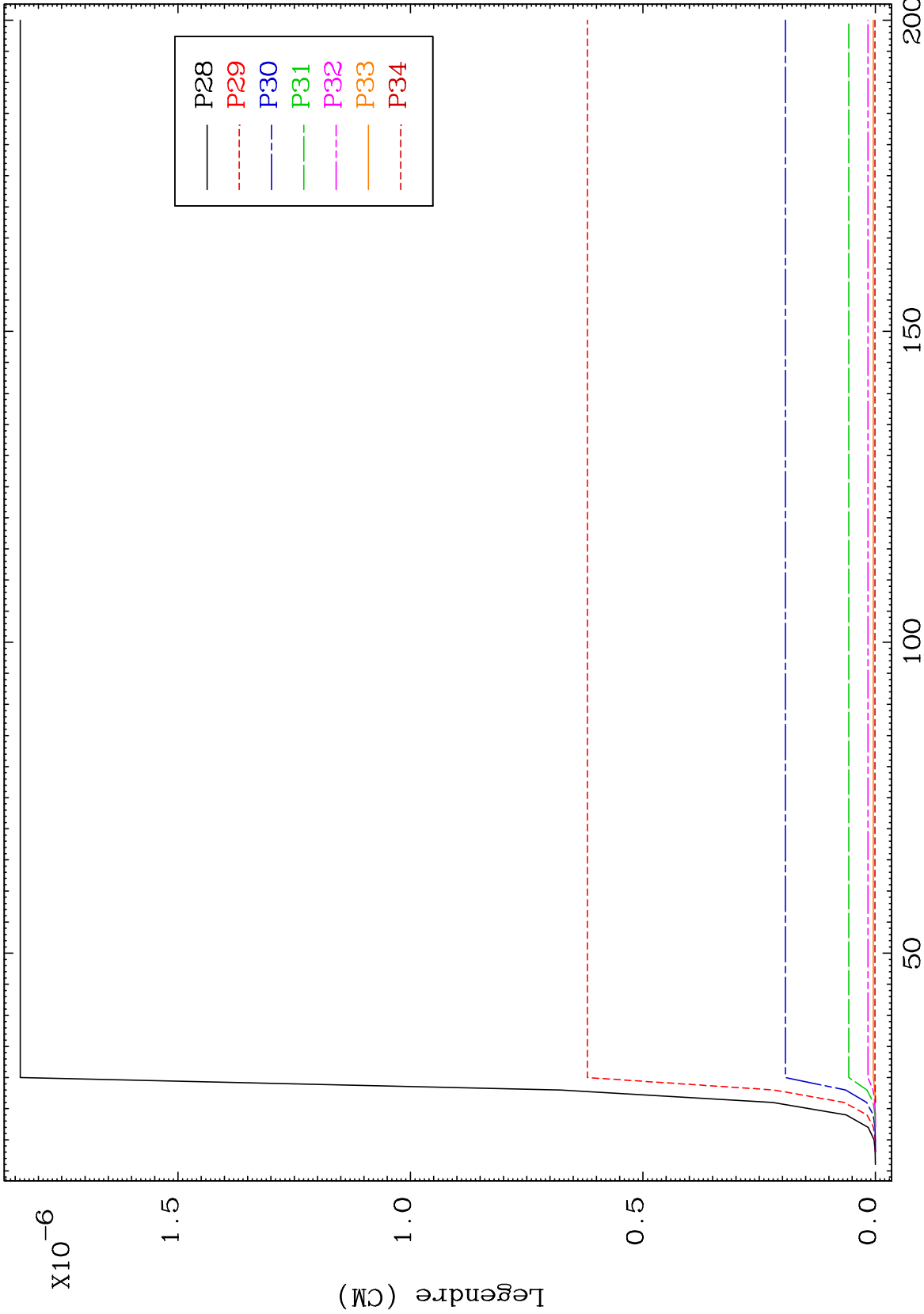
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



75

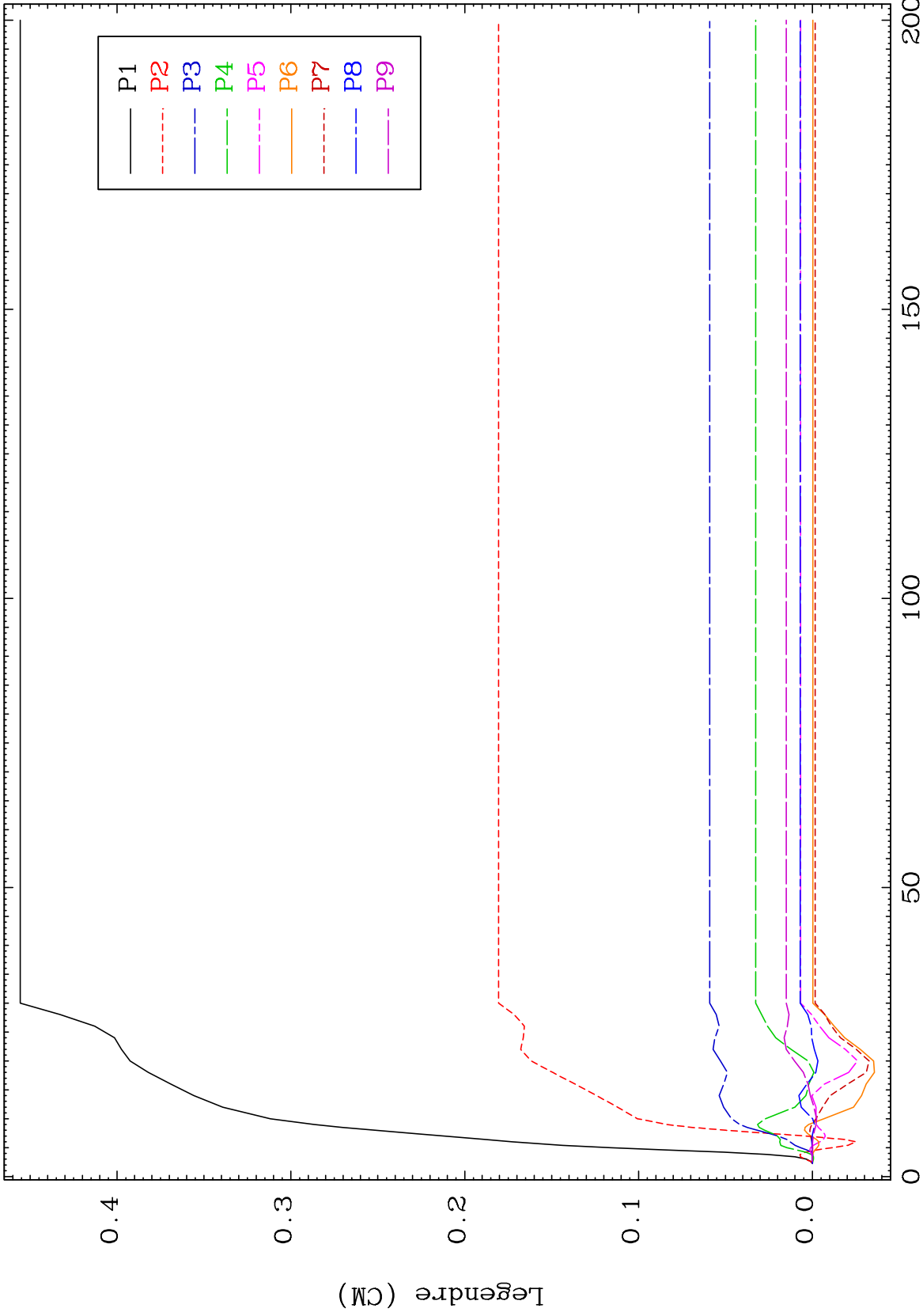
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



76

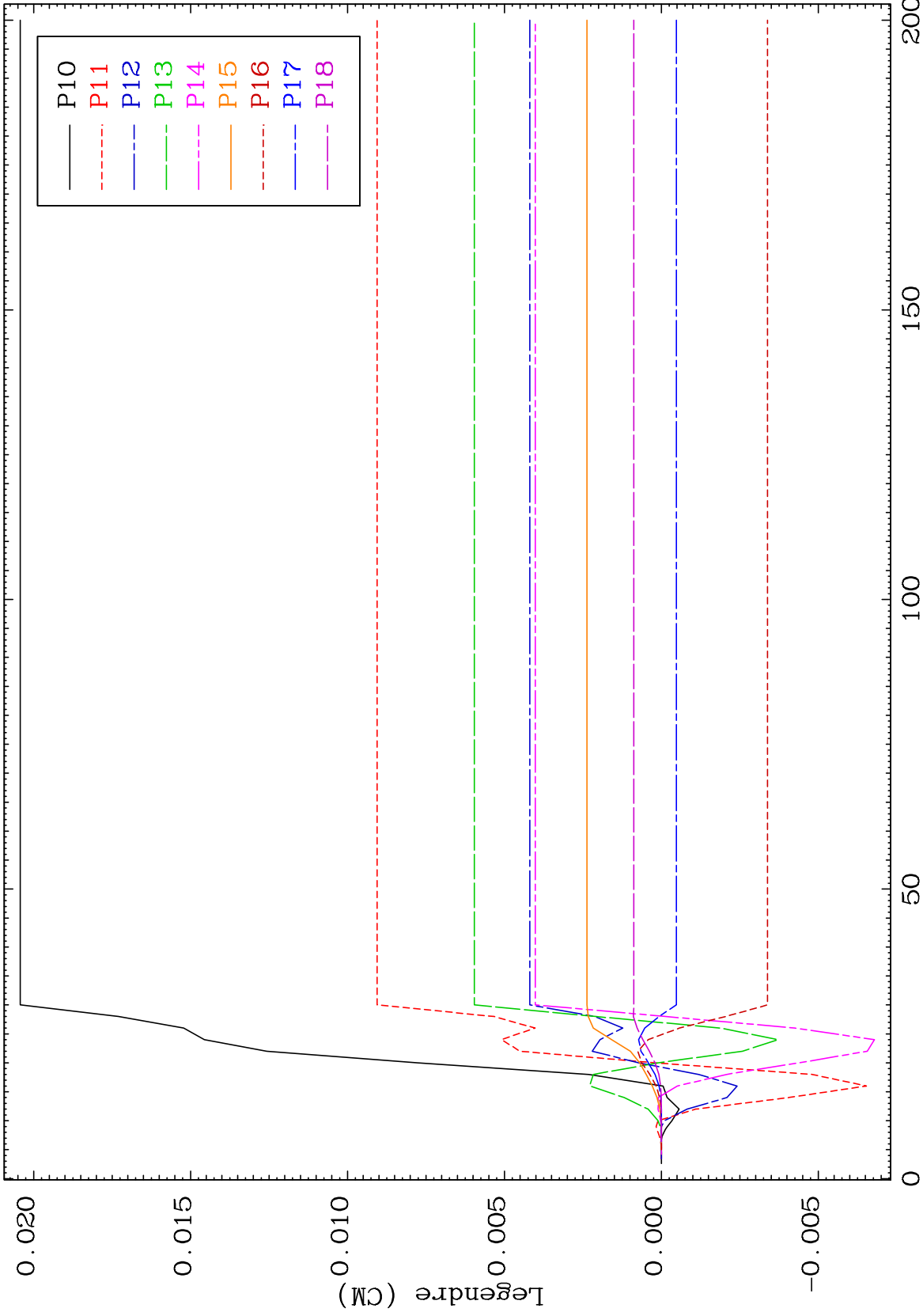
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



77

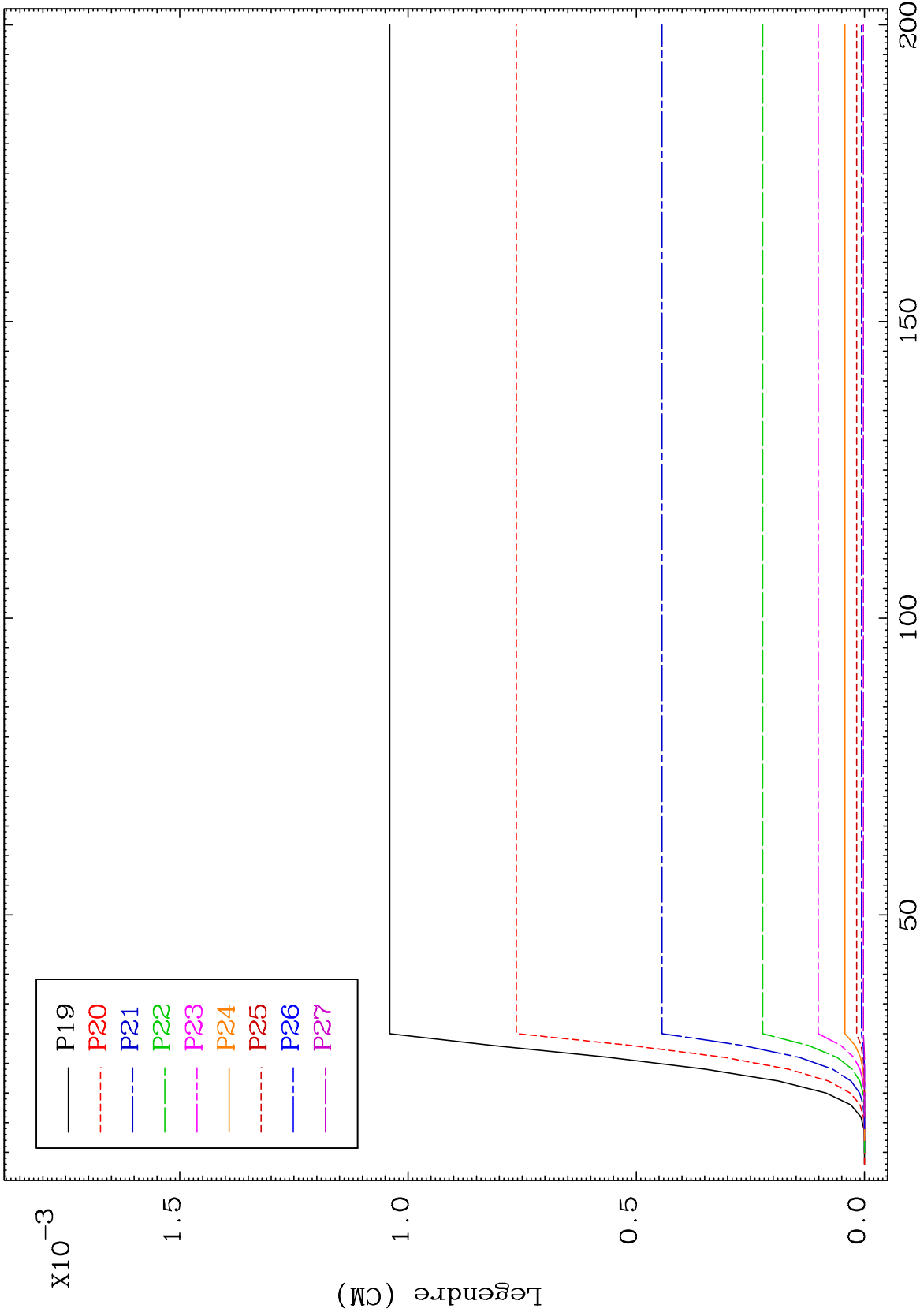
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



78

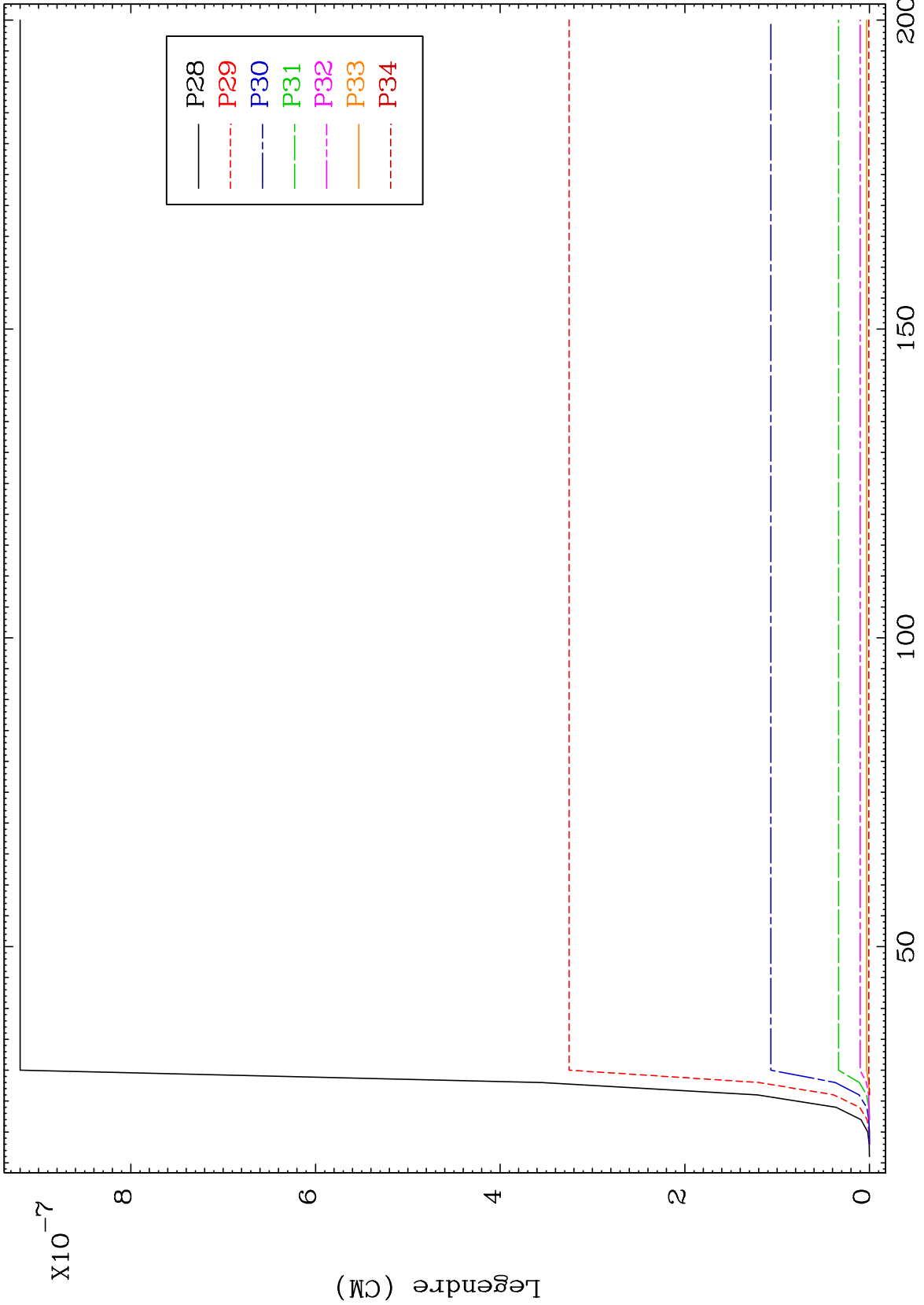
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



79

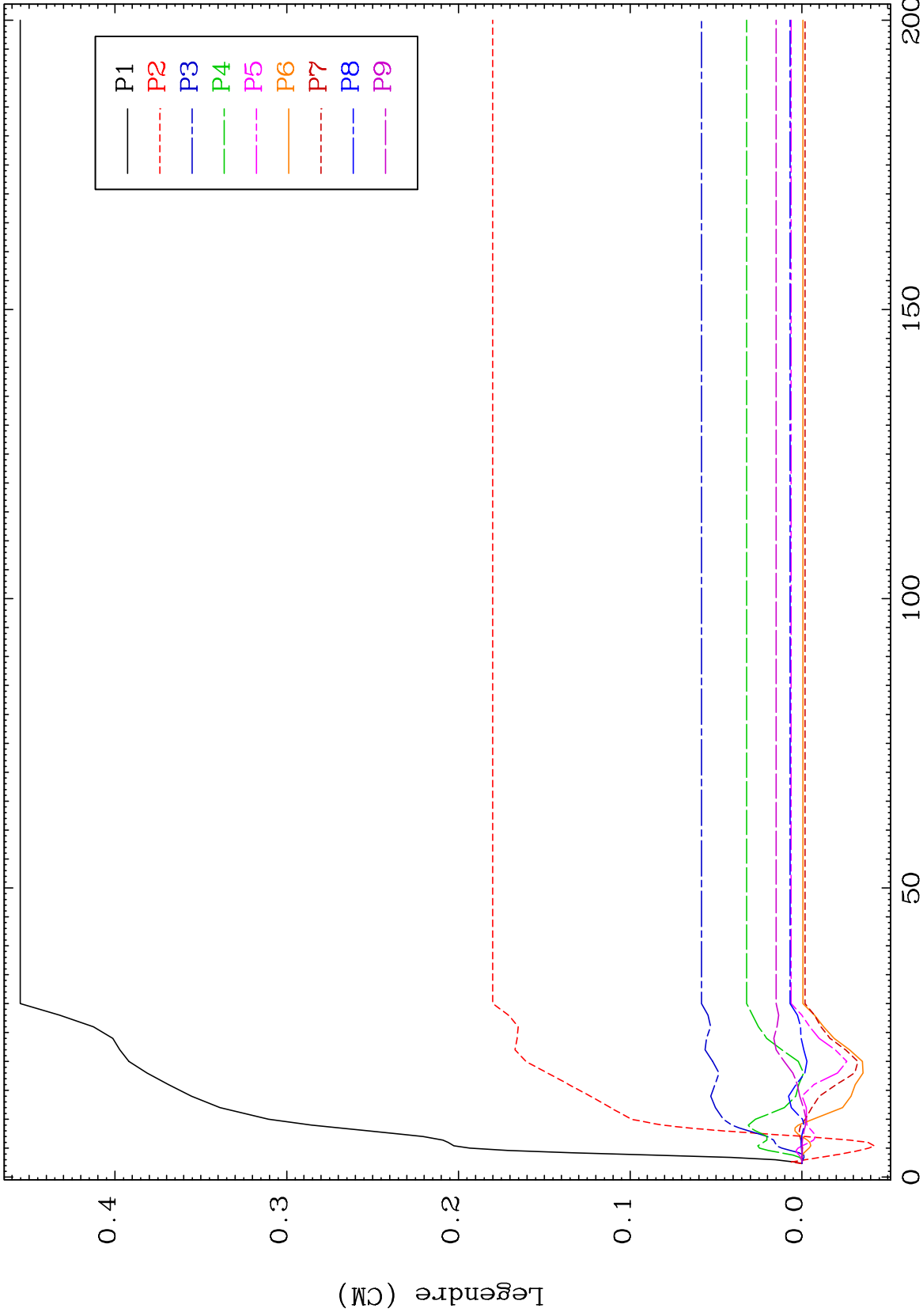
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

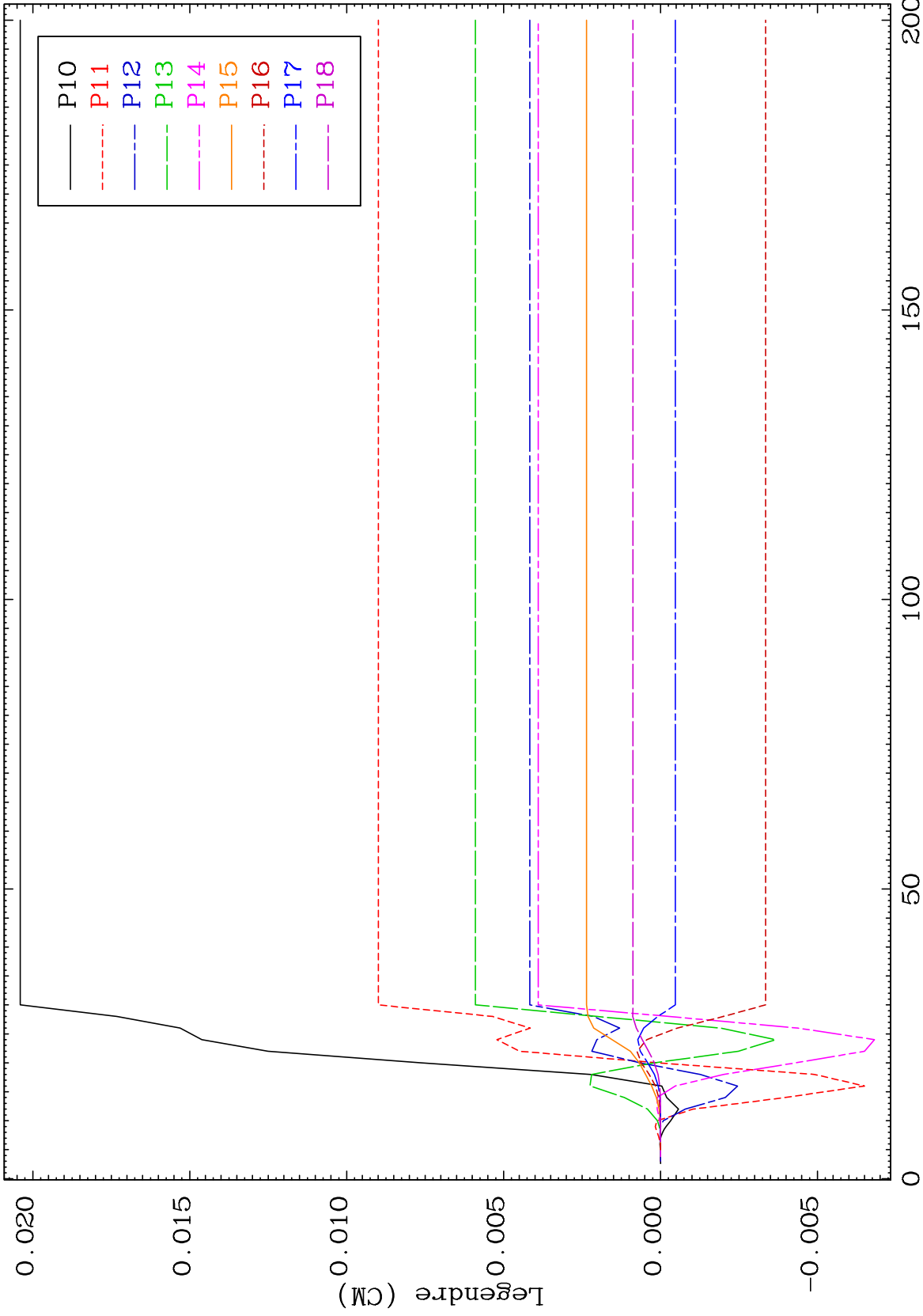
Incident Energy (MeV)

80

MAT 5107

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

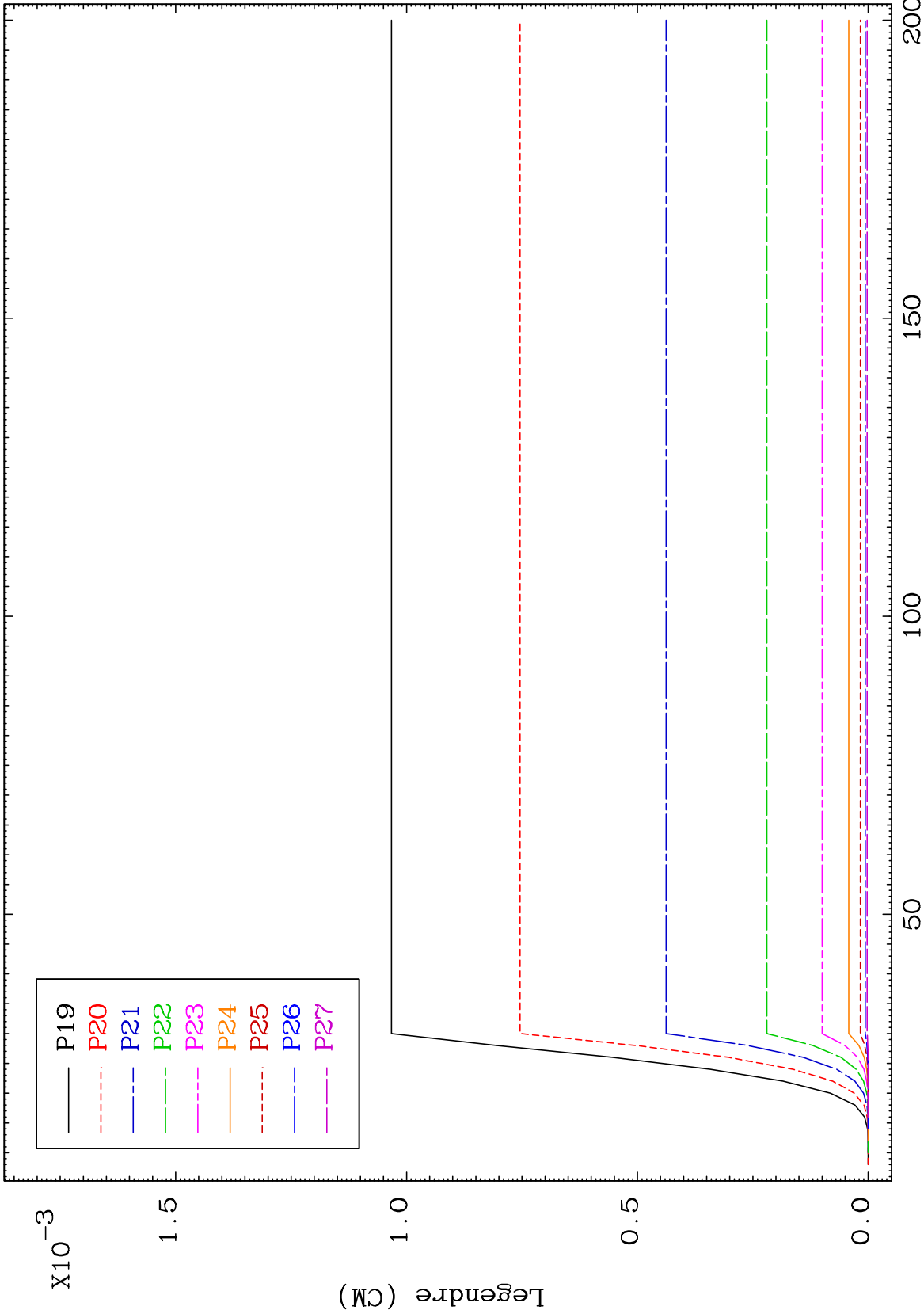
51-Sb-115



81

Incident Energy (MeV)

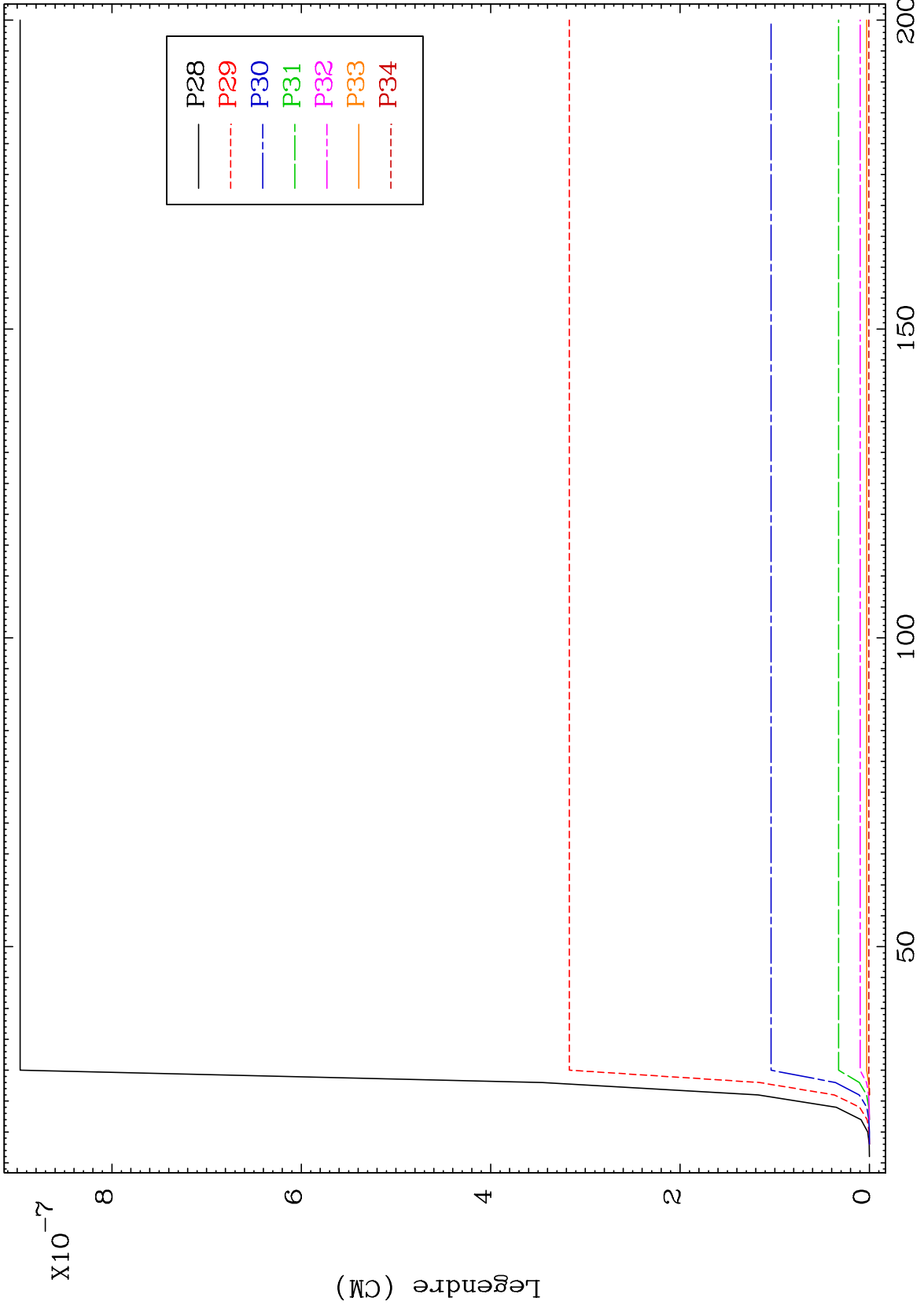
51-Sb-115



MAT 5107

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

51-Sb-115



83

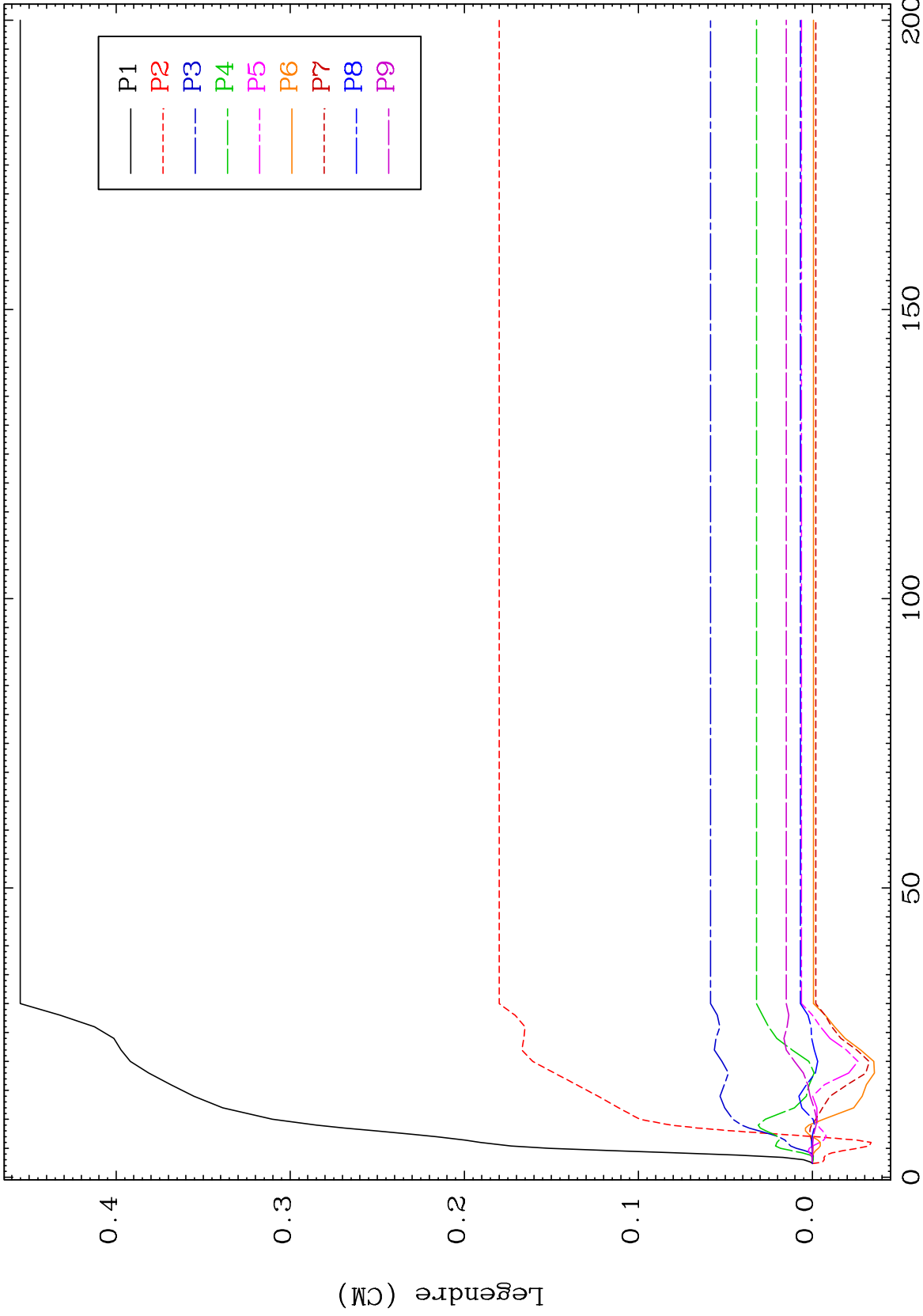
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



84

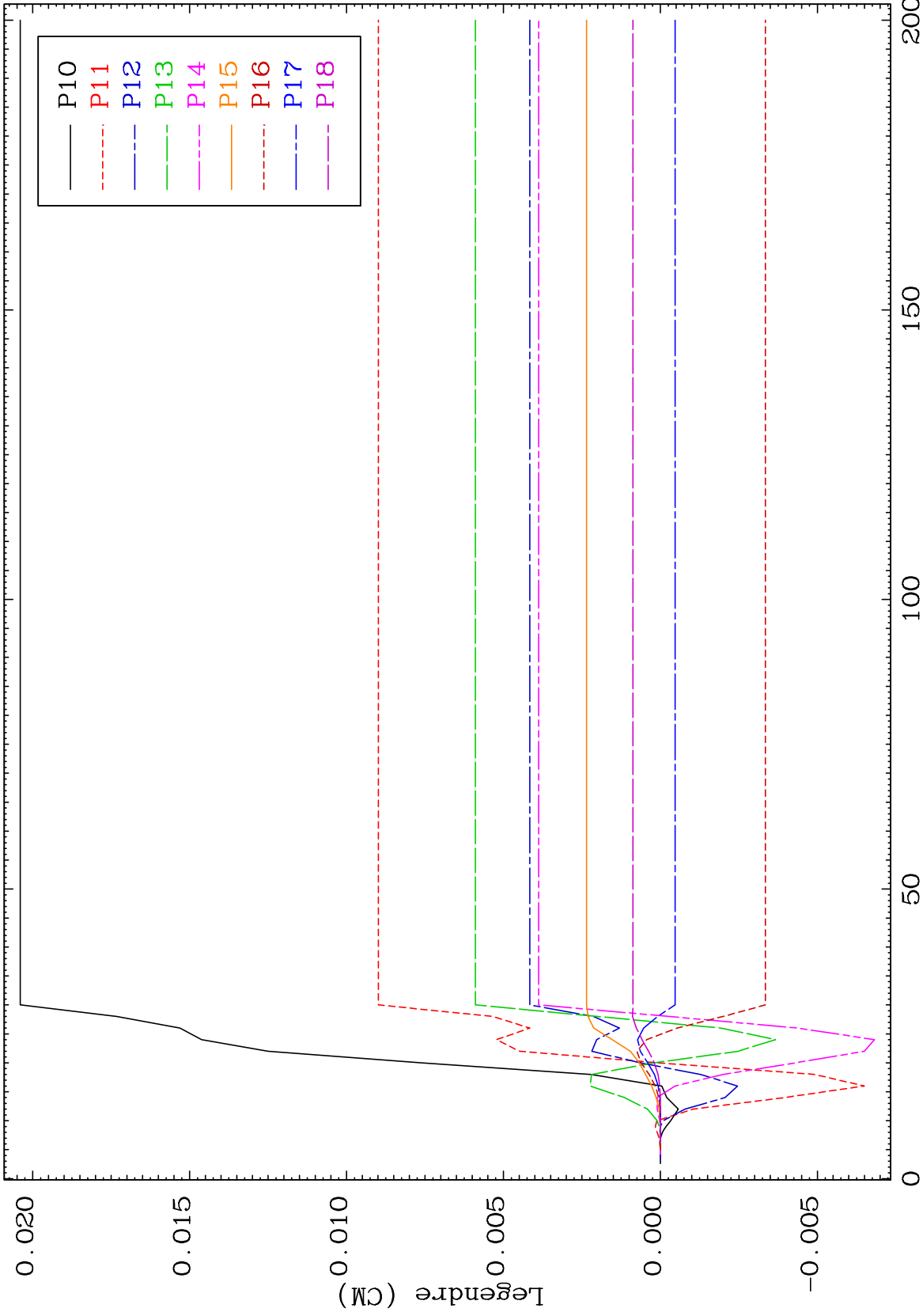
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



85

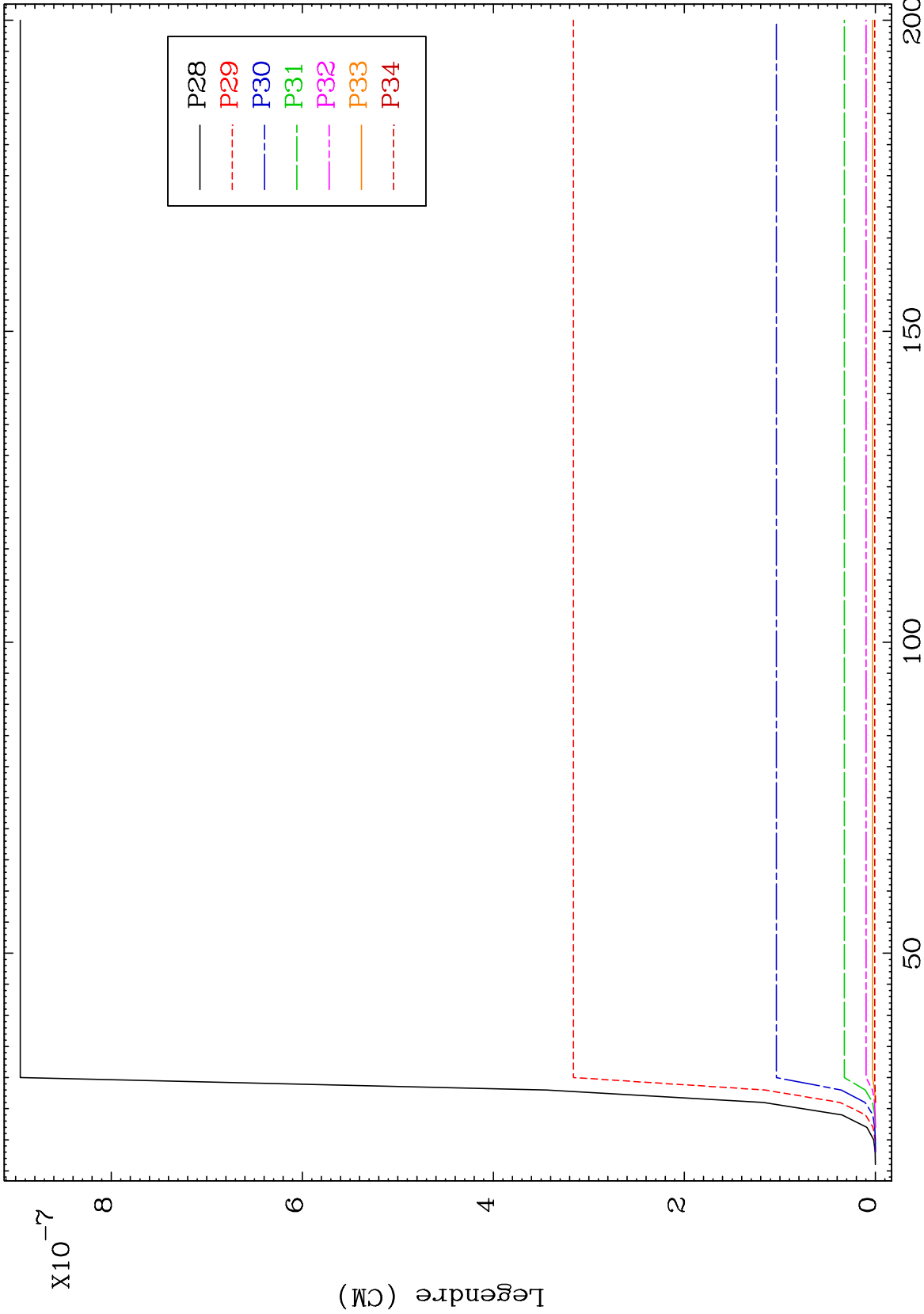
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



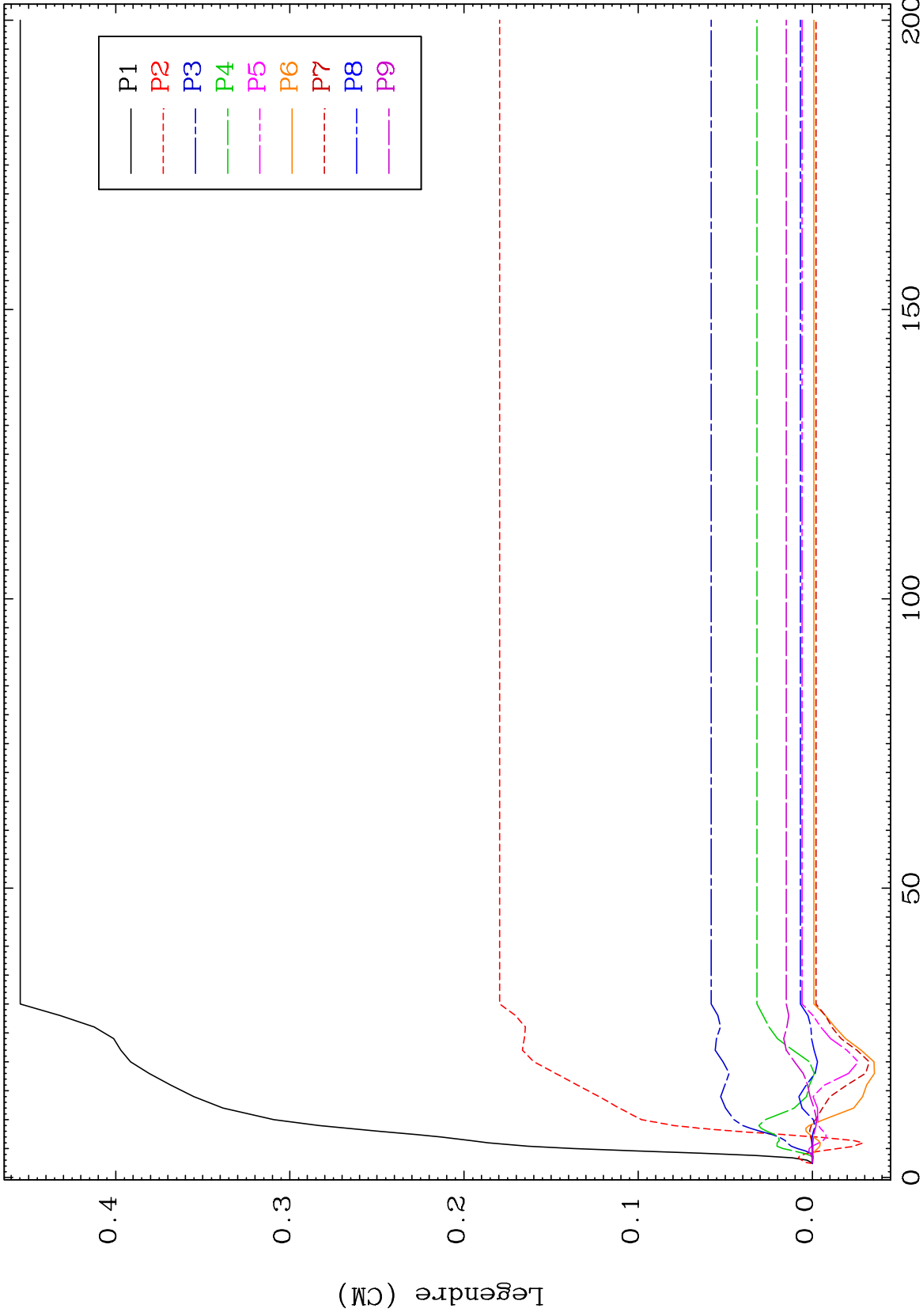
87

51-Sb-115

MAT 5107

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

51-Sb-115



88

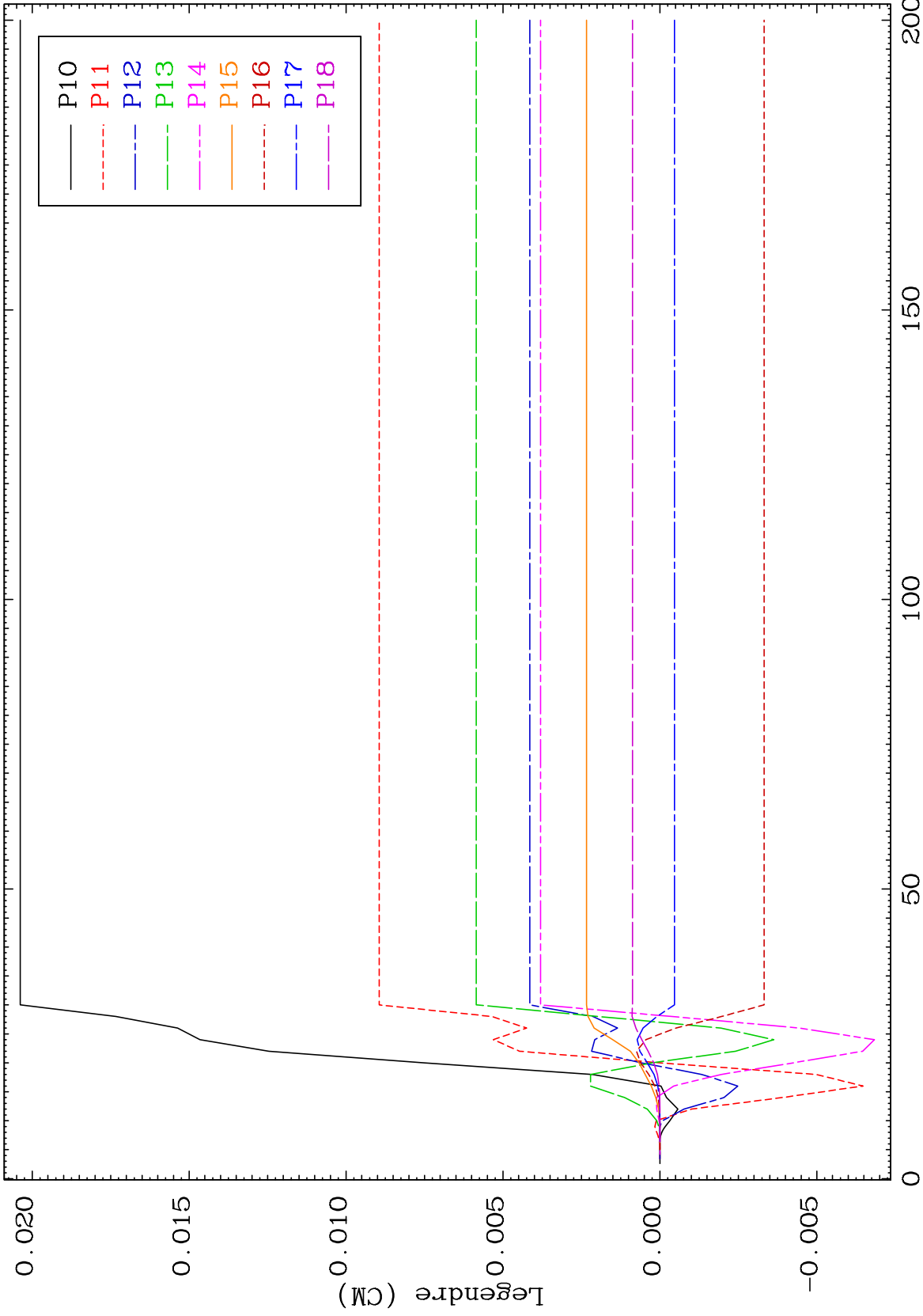
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



89

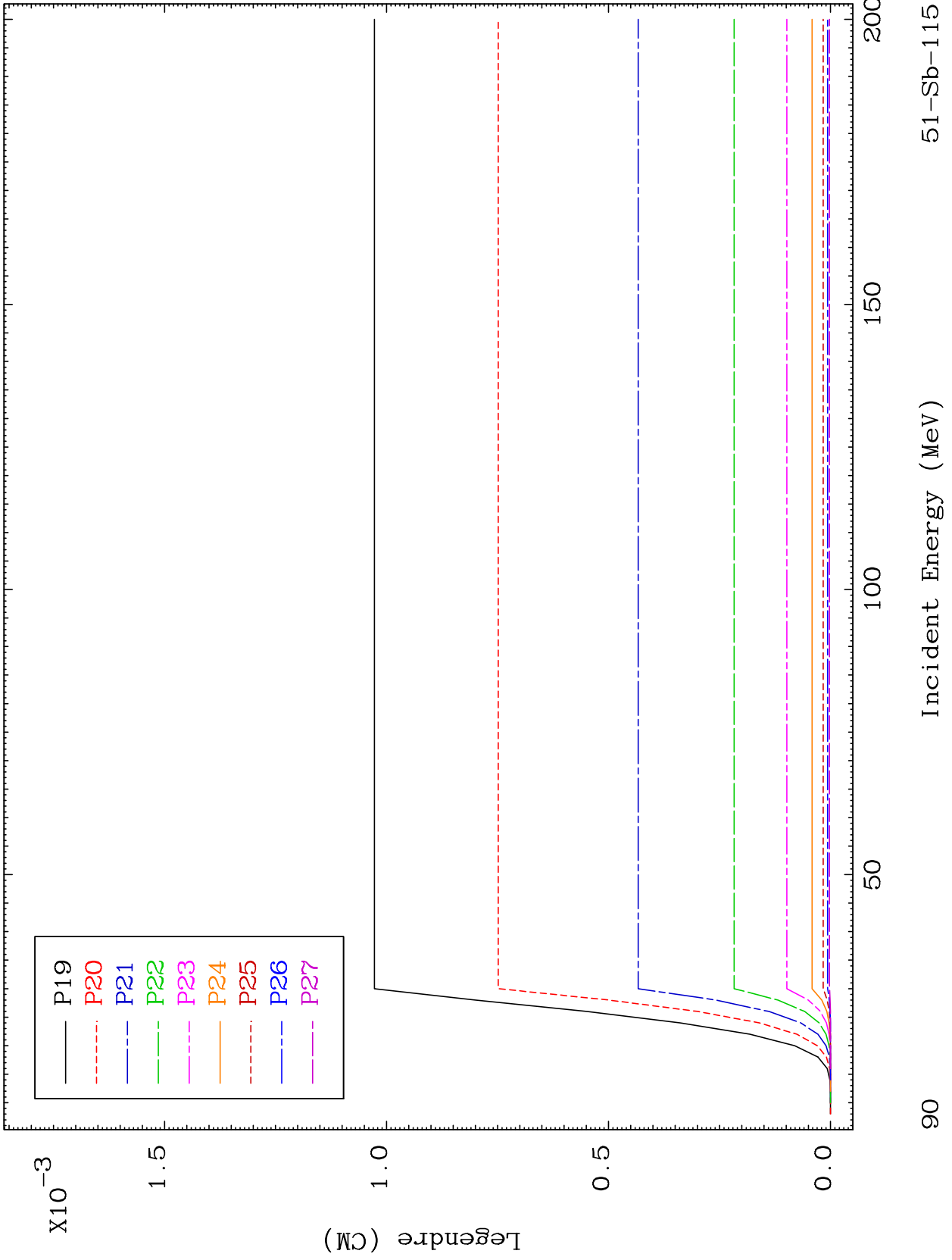
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

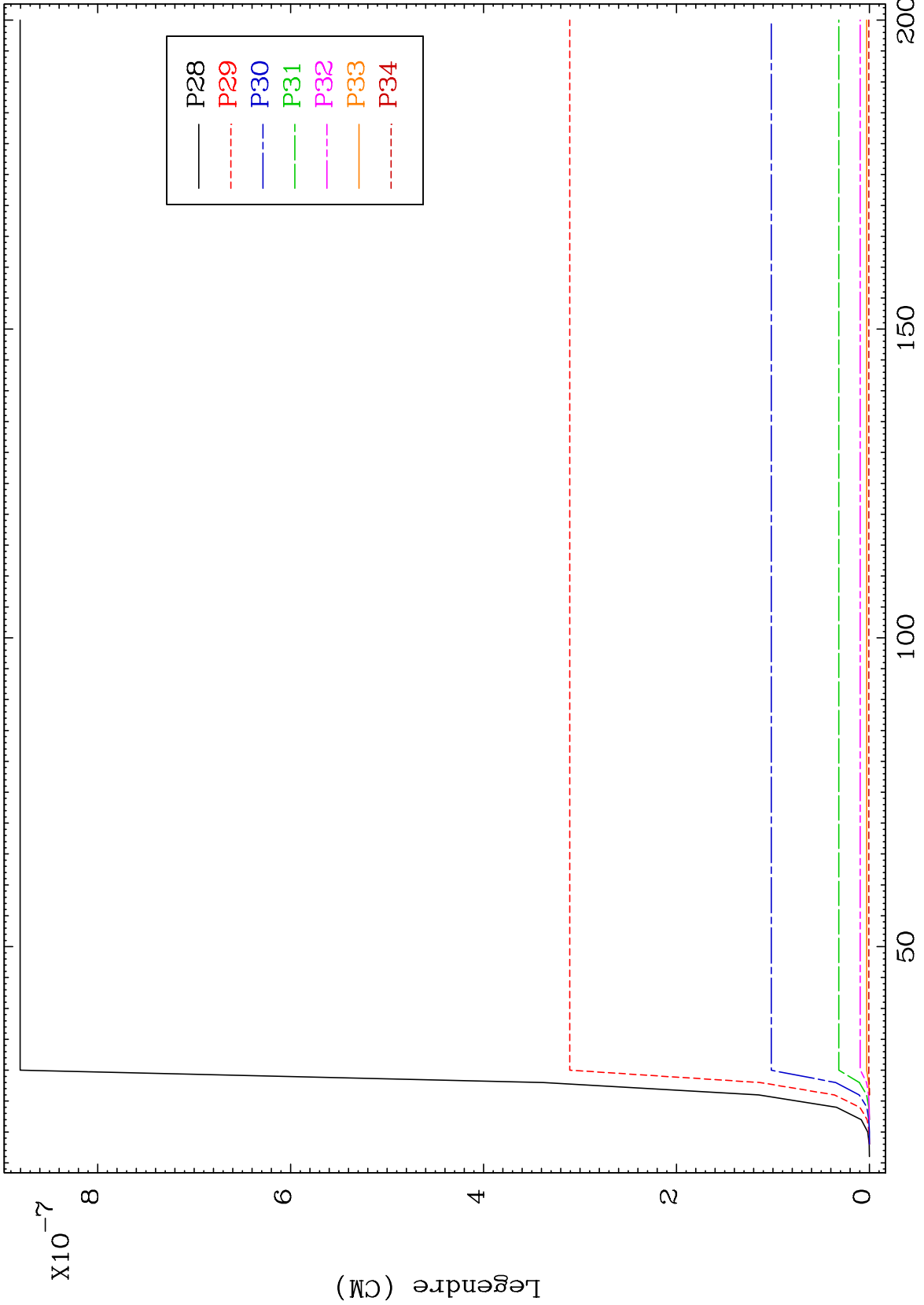
51-Sb-115



MAT 5107

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

51-Sb-115



91

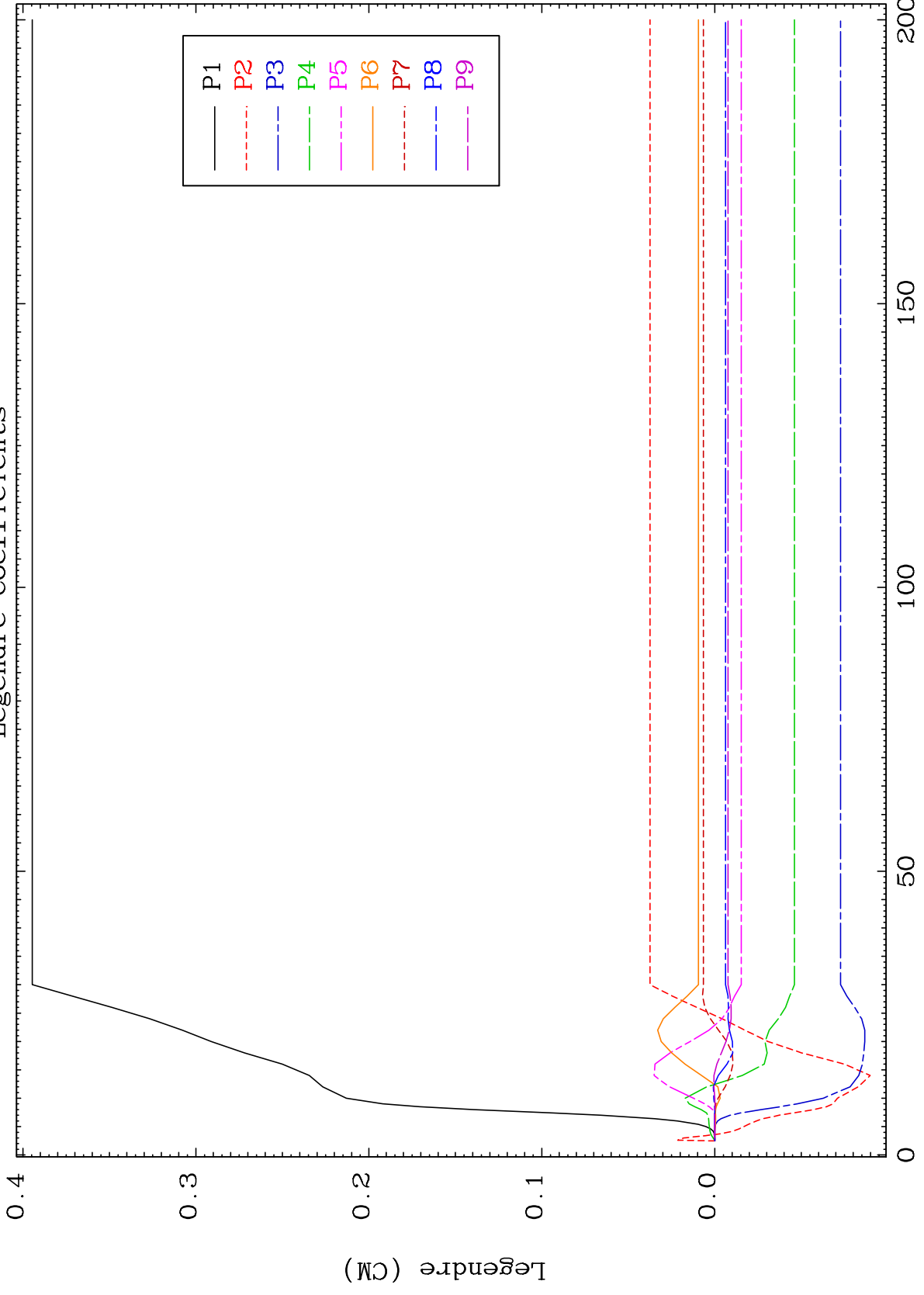
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



92

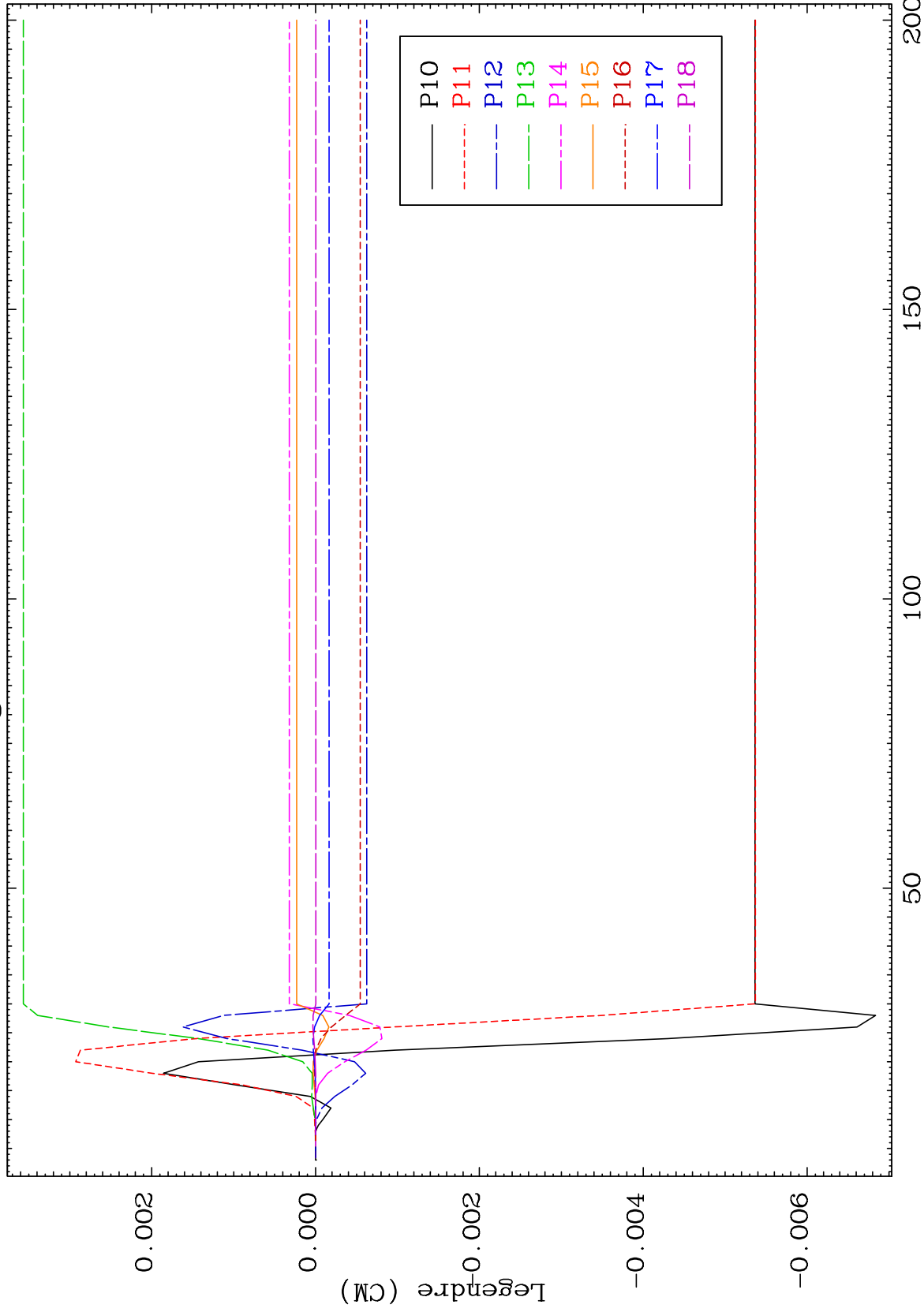
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



93

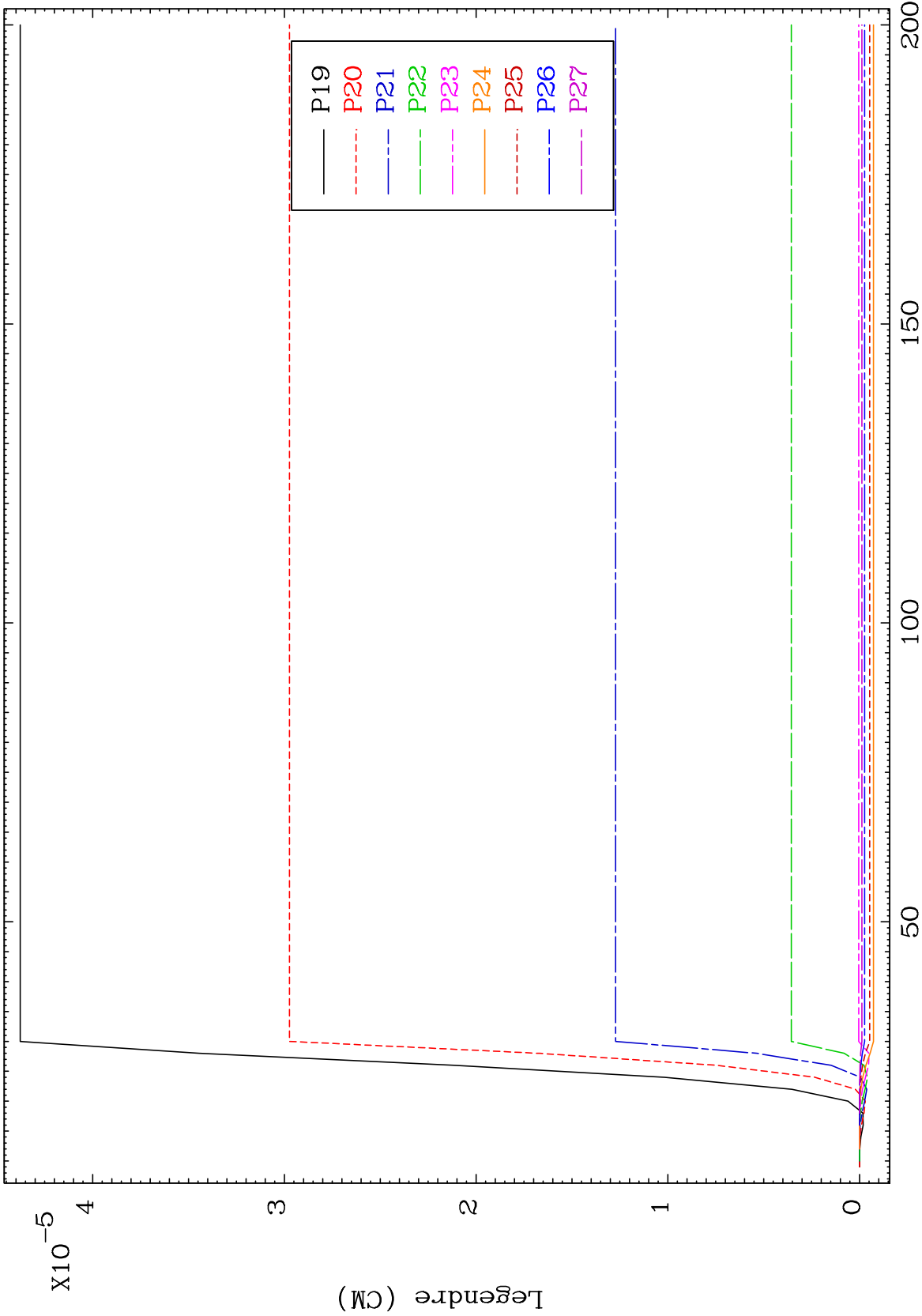
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

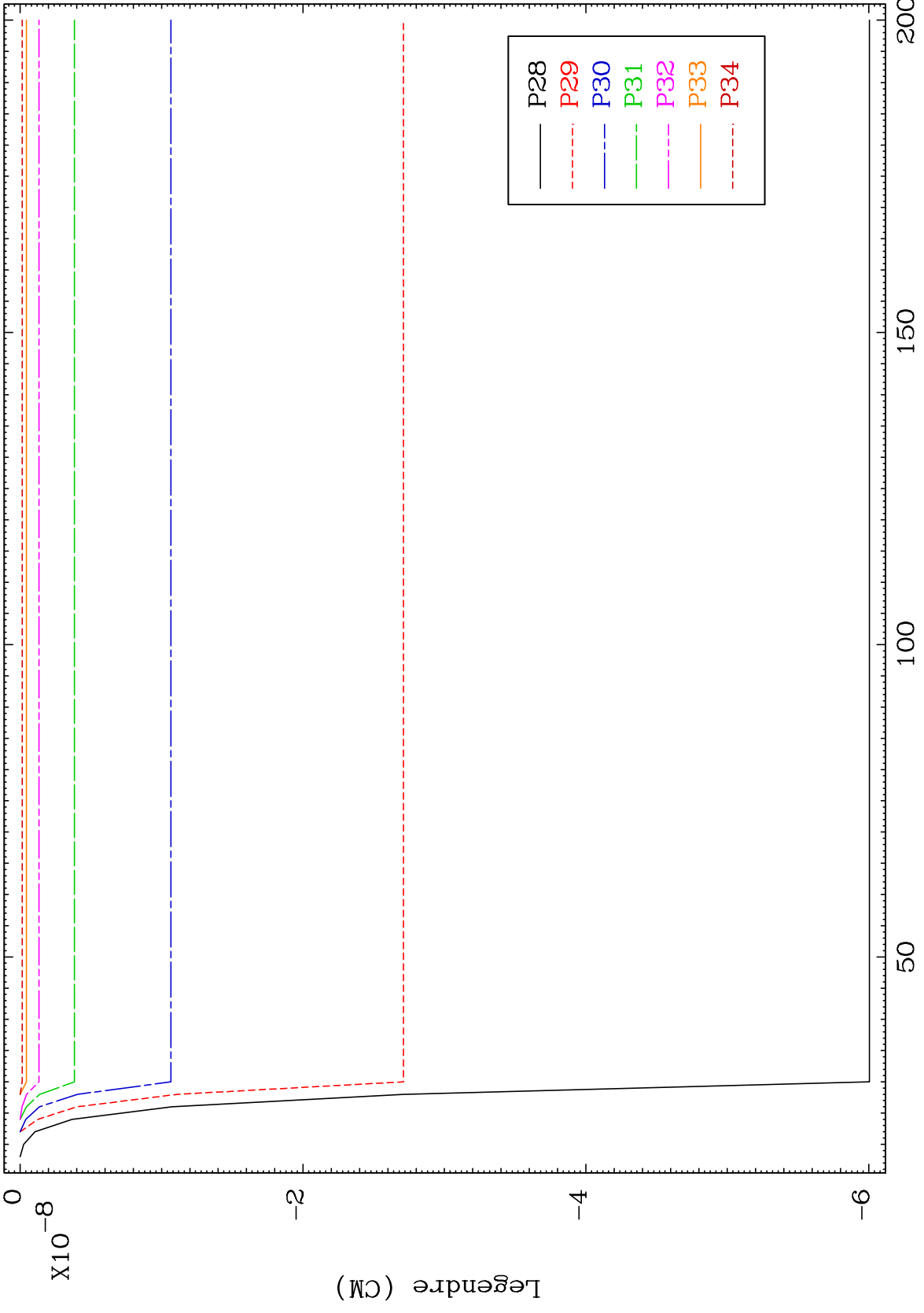
51-Sb-115



94

51-Sb-115

MAT 5107 MT= 69 (n,n') Level Legendre Coefficients 51-Sb-115

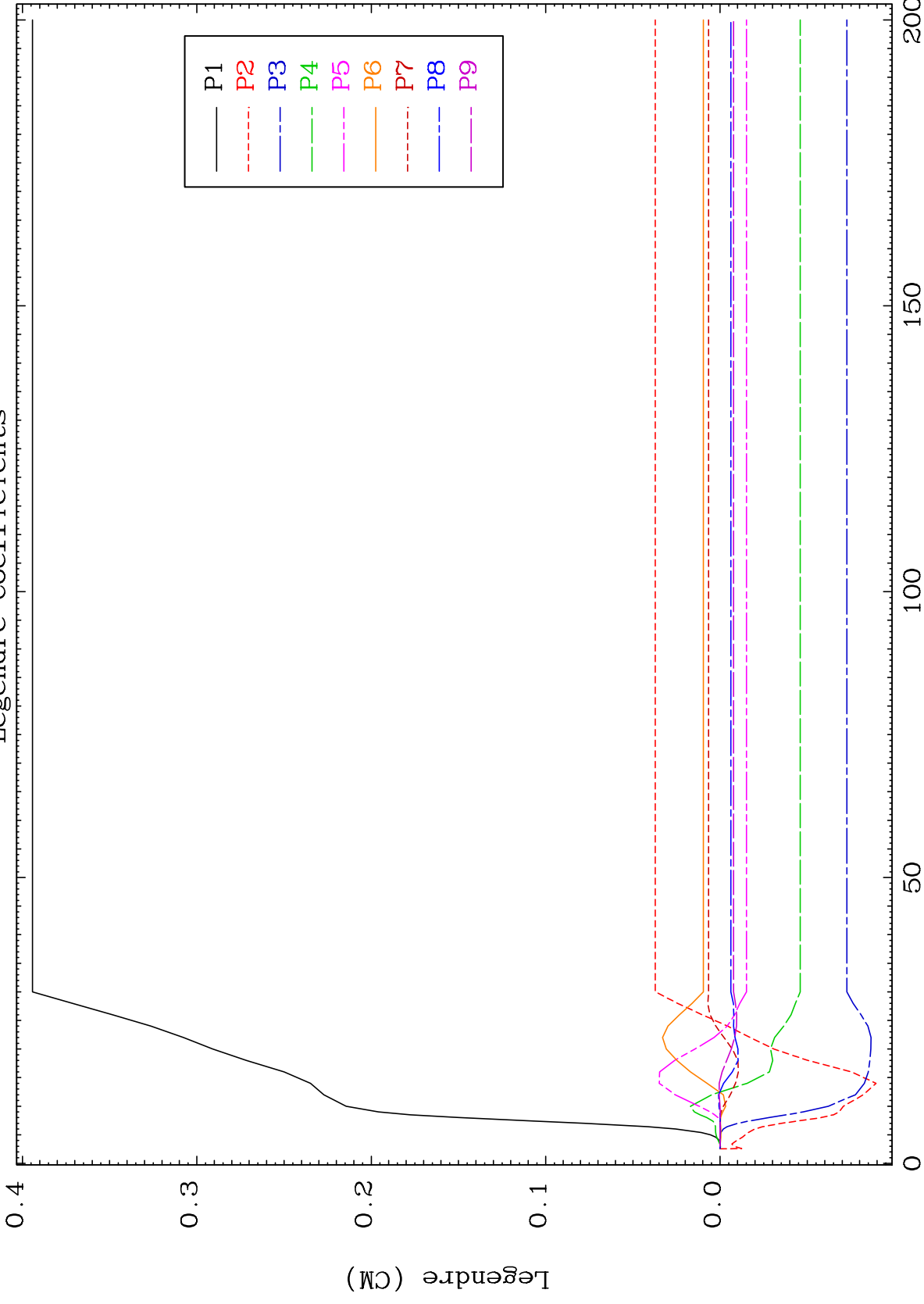


95 50 100 150 200 Incident Energy (MeV) 51-Sb-115

MAT 5107

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

51-Sb-115



96

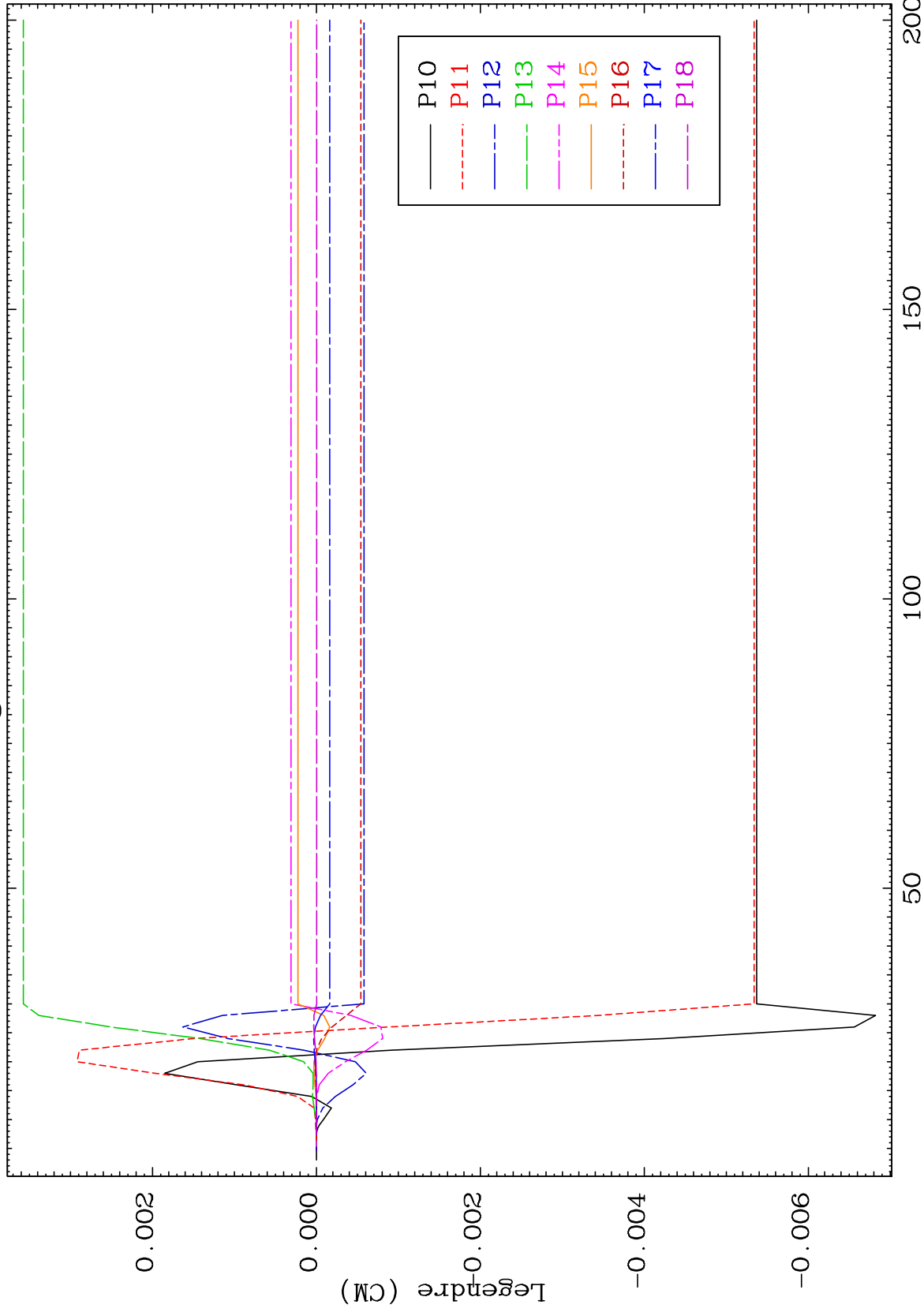
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



97

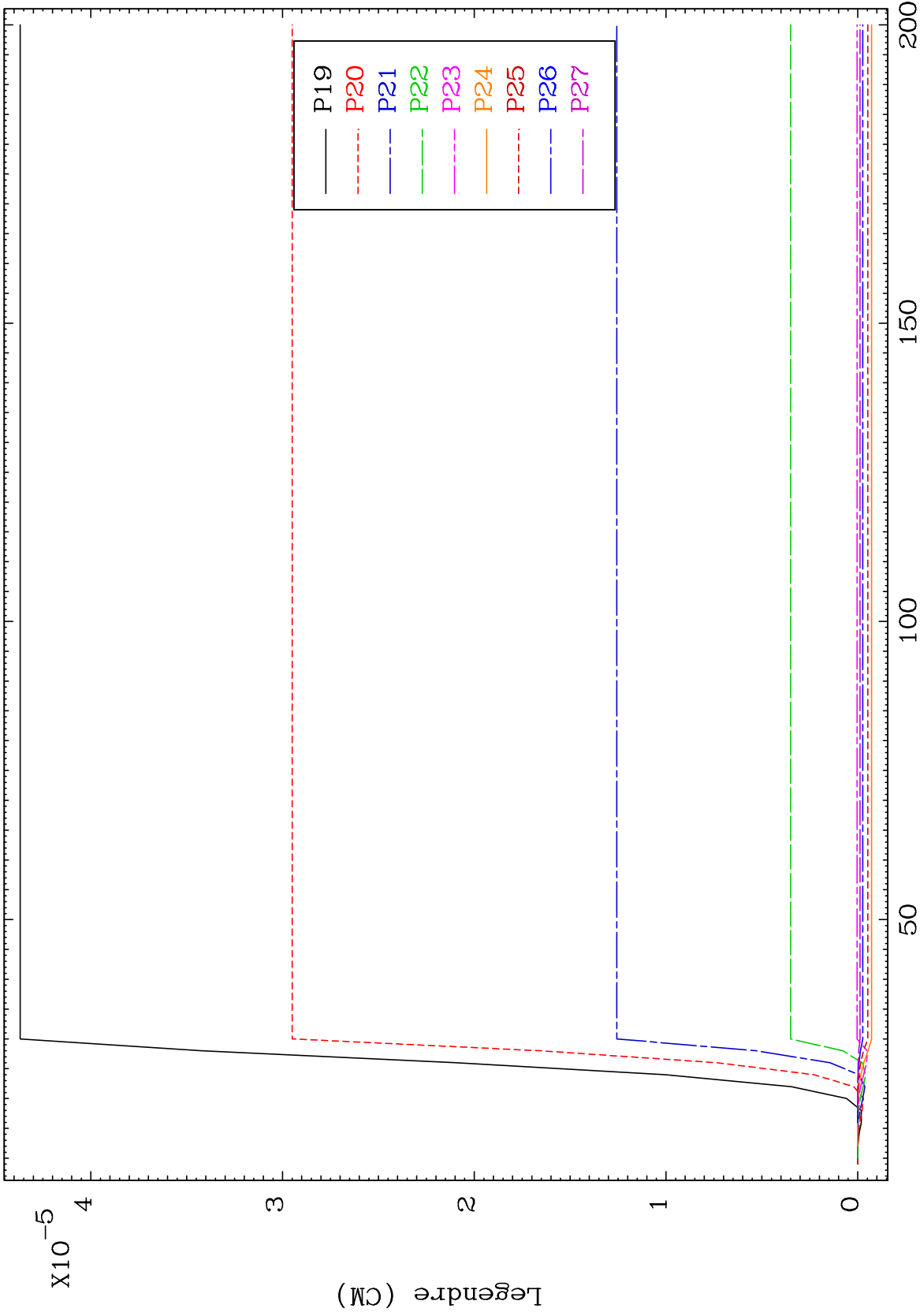
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



98

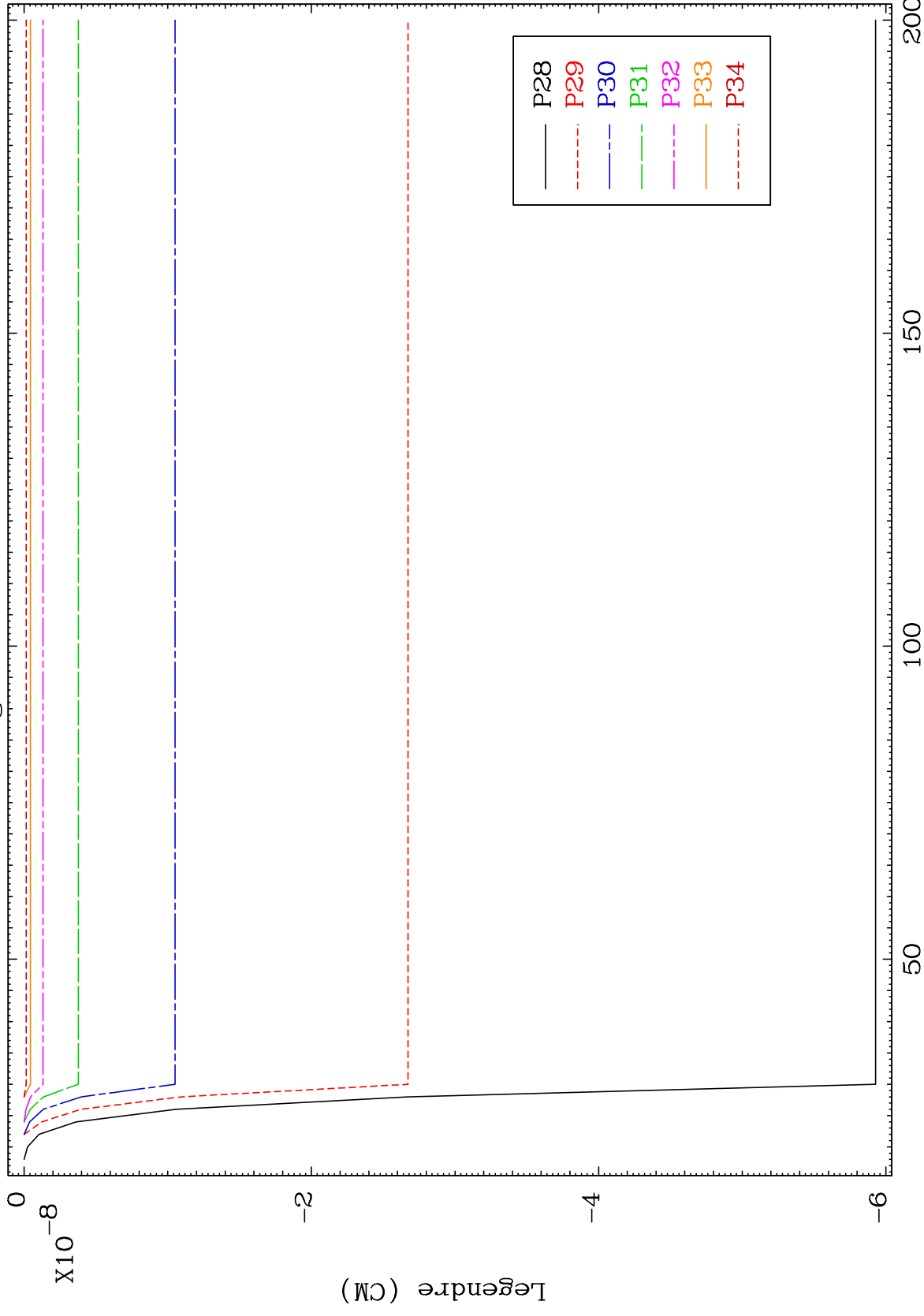
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

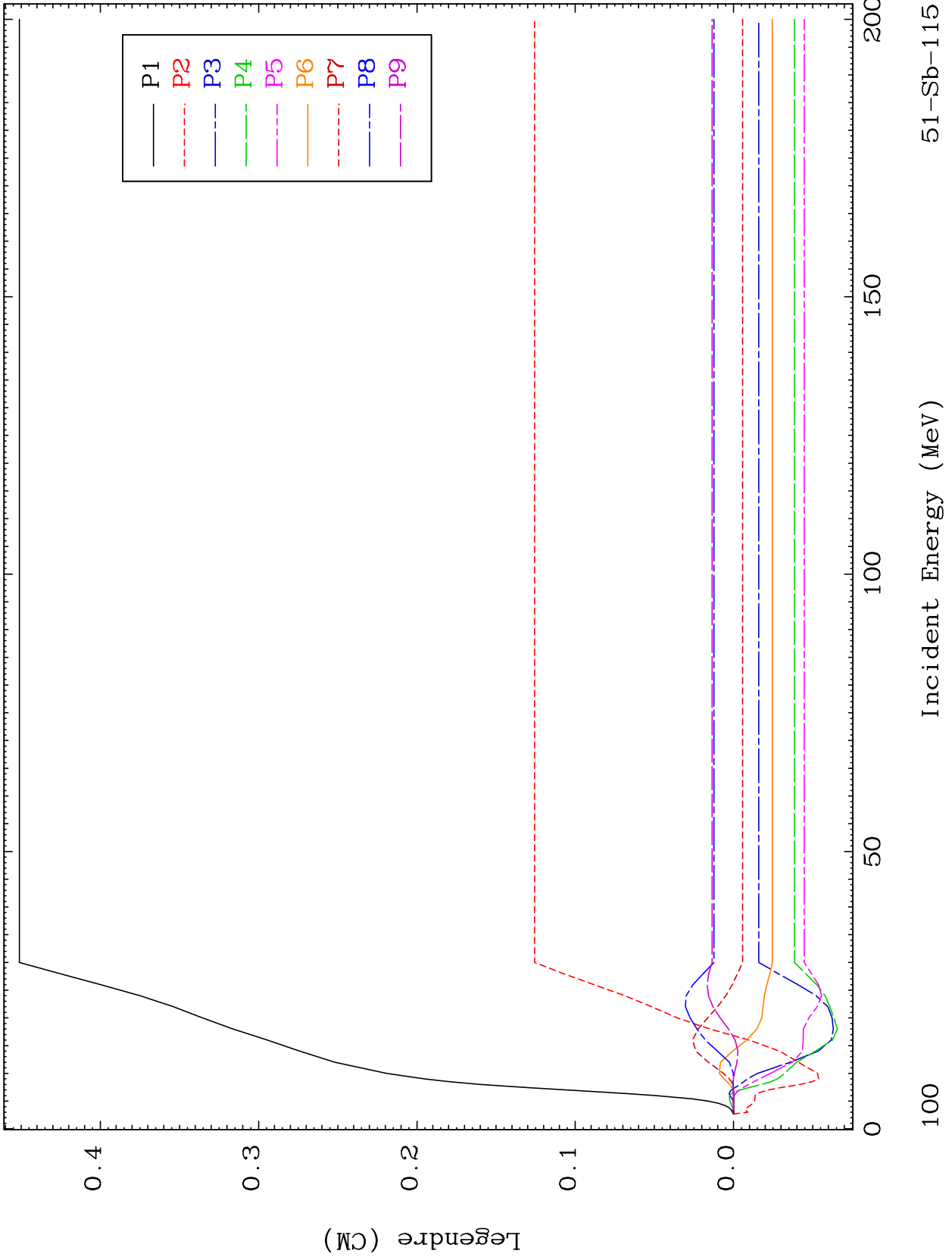
Incident Energy (MeV)

99

MAT 5107

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

51-Sb-115

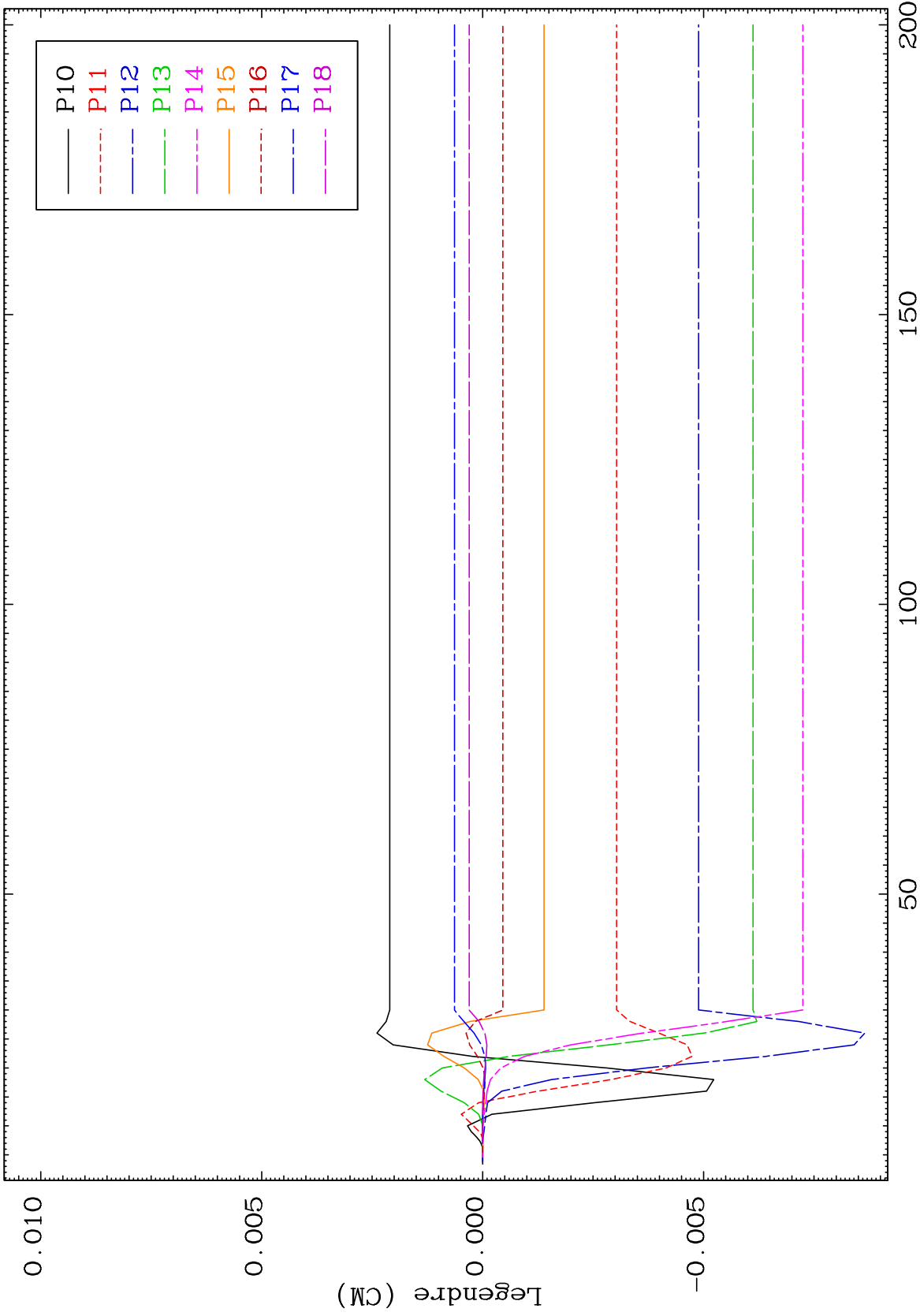


51-Sb-115

MAT 5107

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

51-Sb-115



101

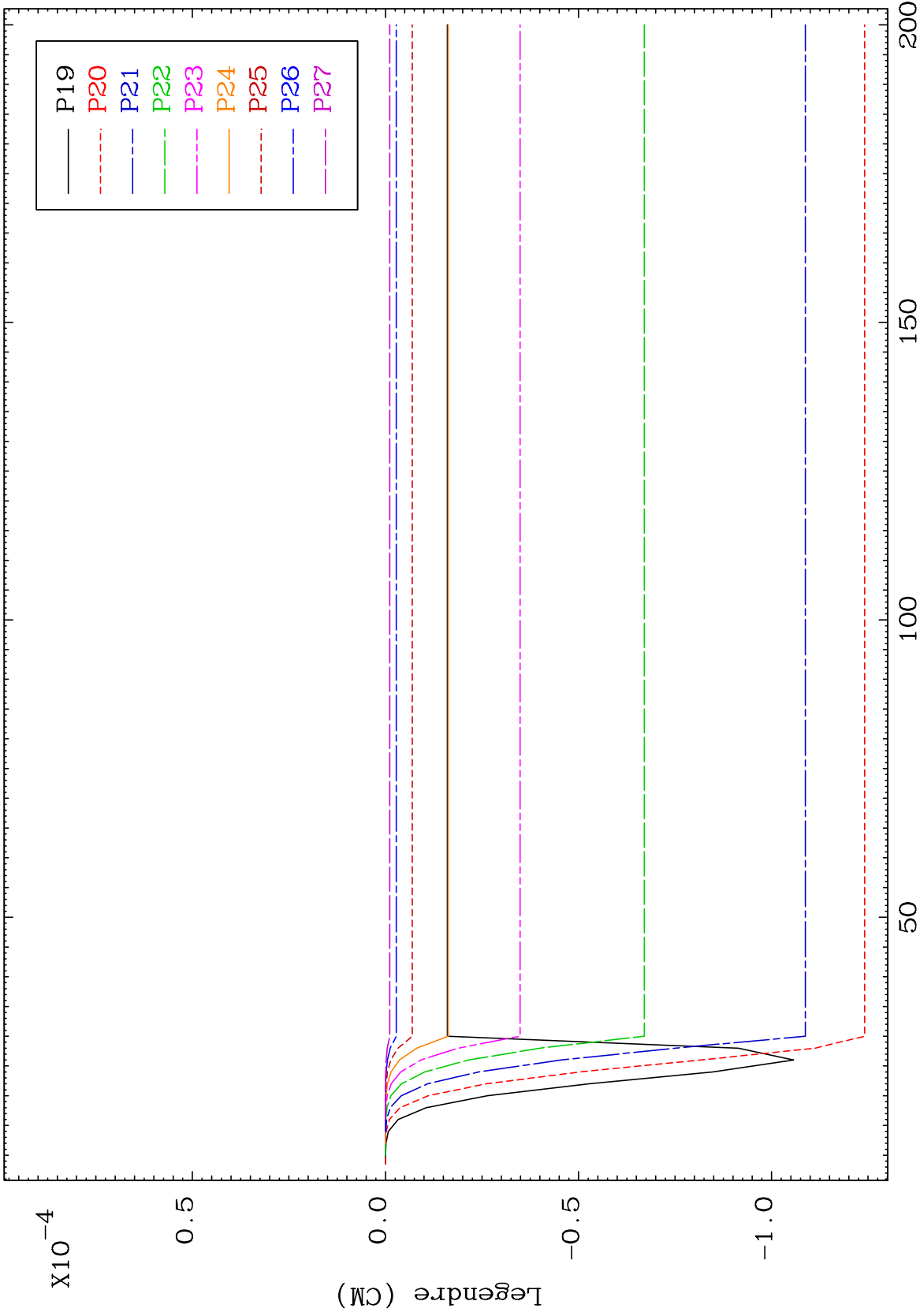
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



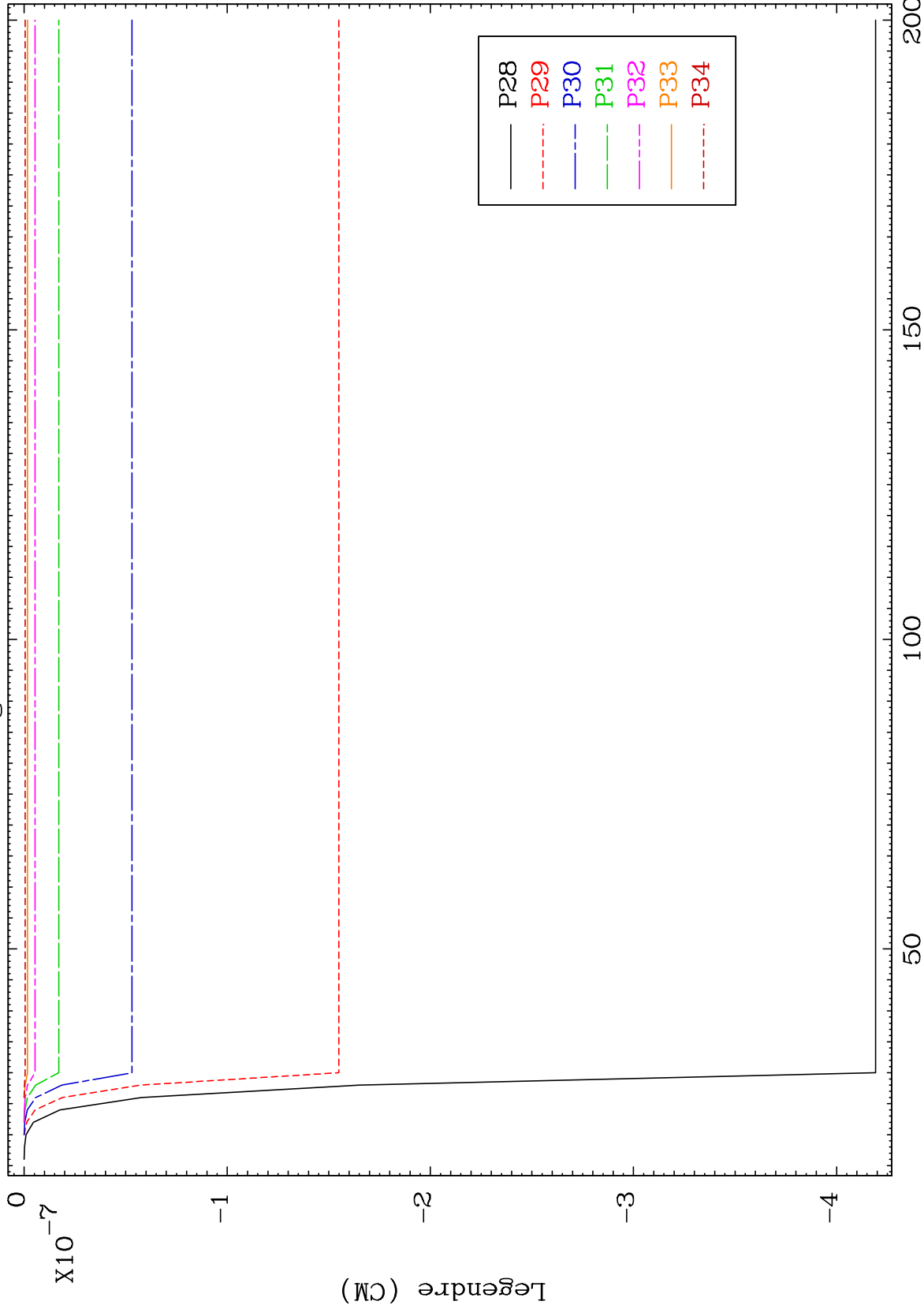
102

51-Sb-115

MAT 5107

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

51-Sb-115



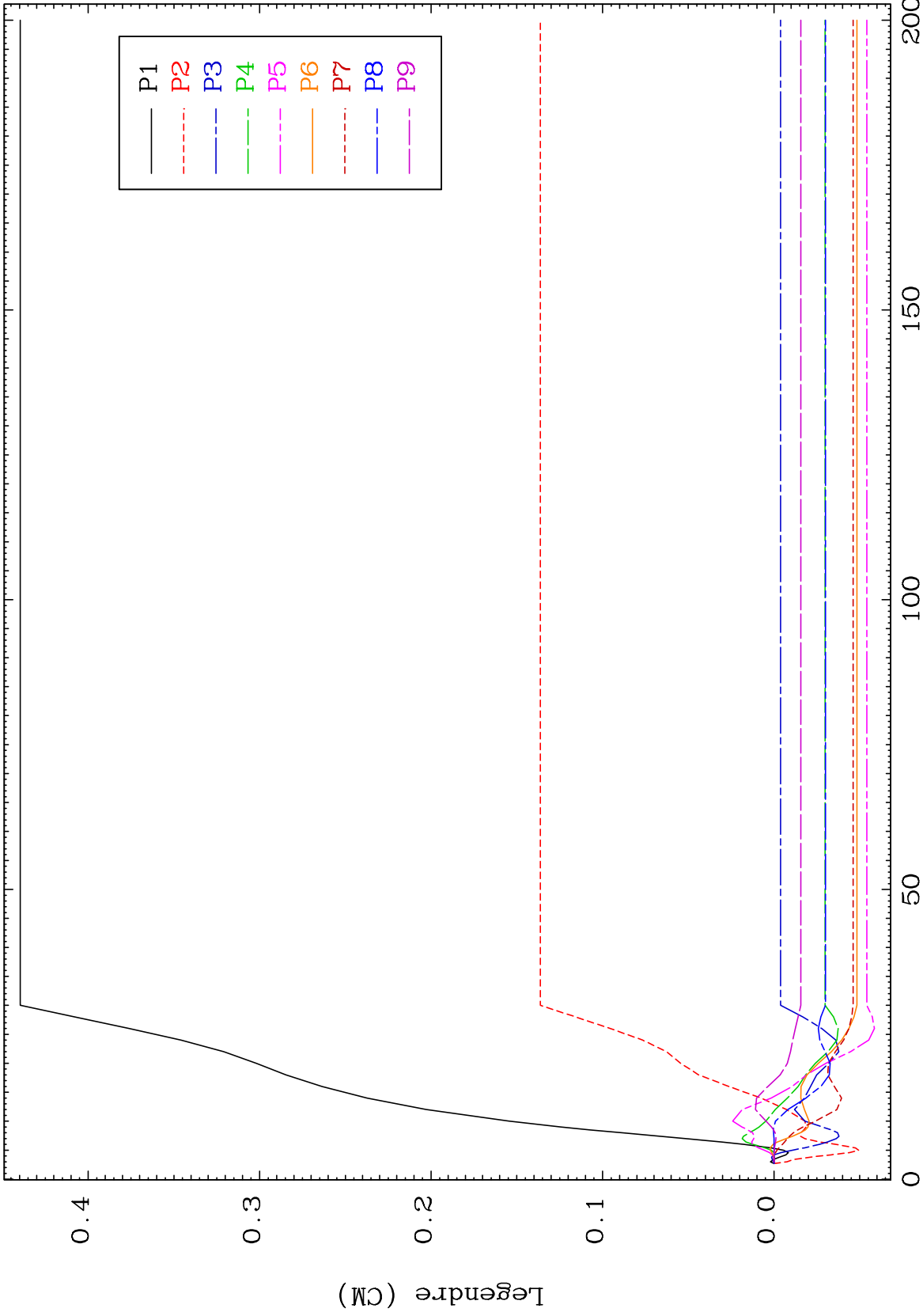
103

51-Sb-115

MAT 5107

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

51-Sb-115



104

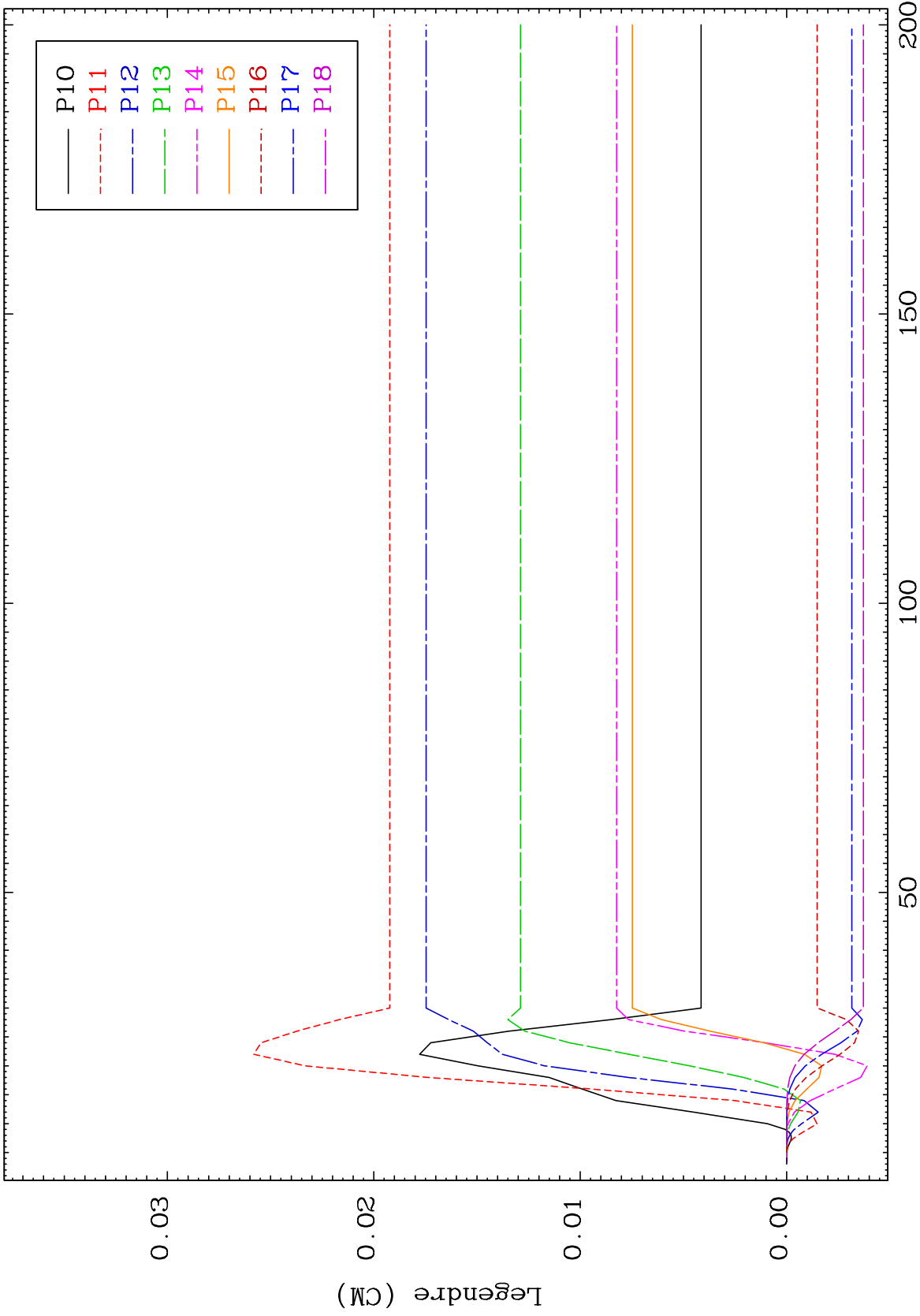
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



105

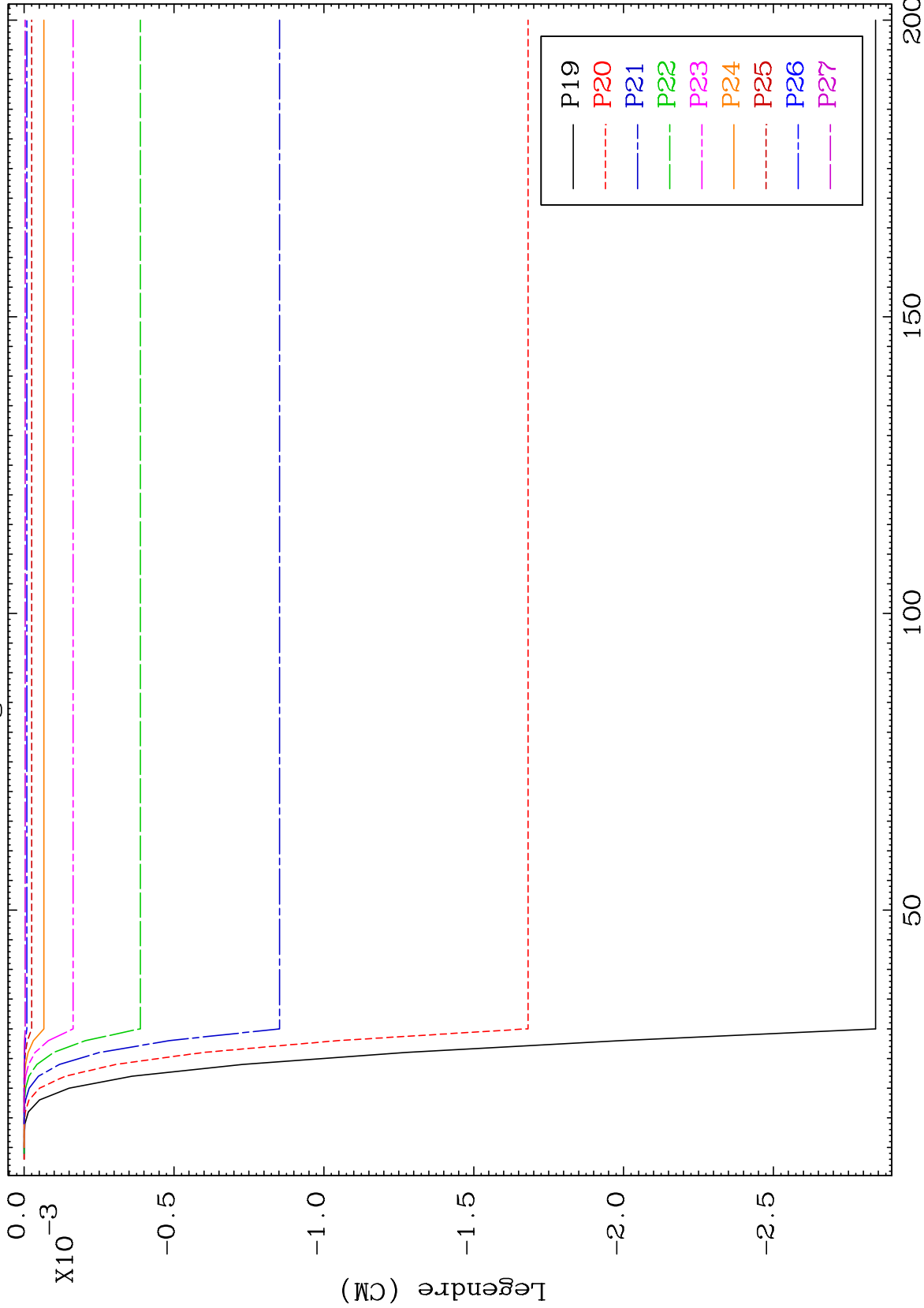
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



106

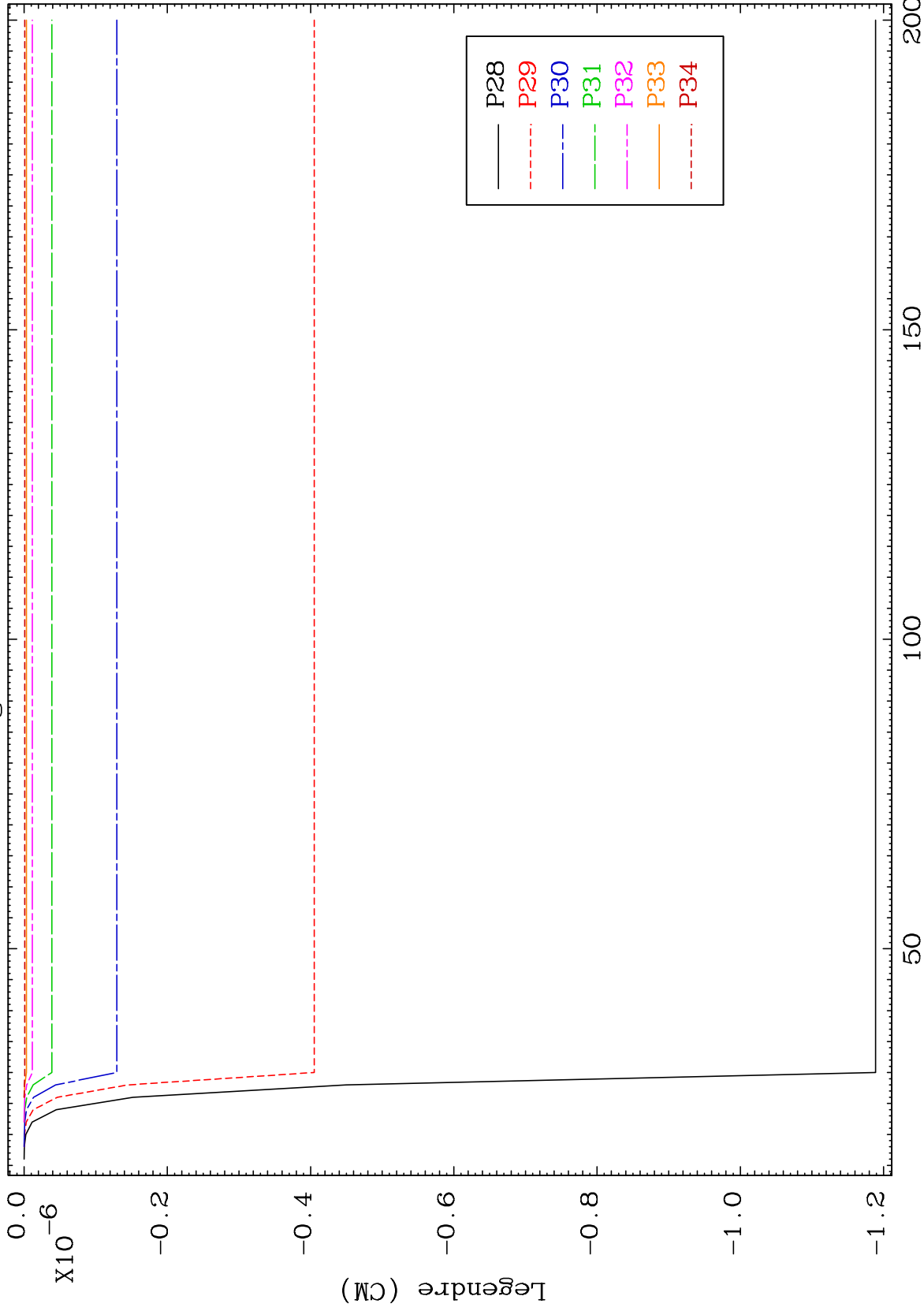
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



107

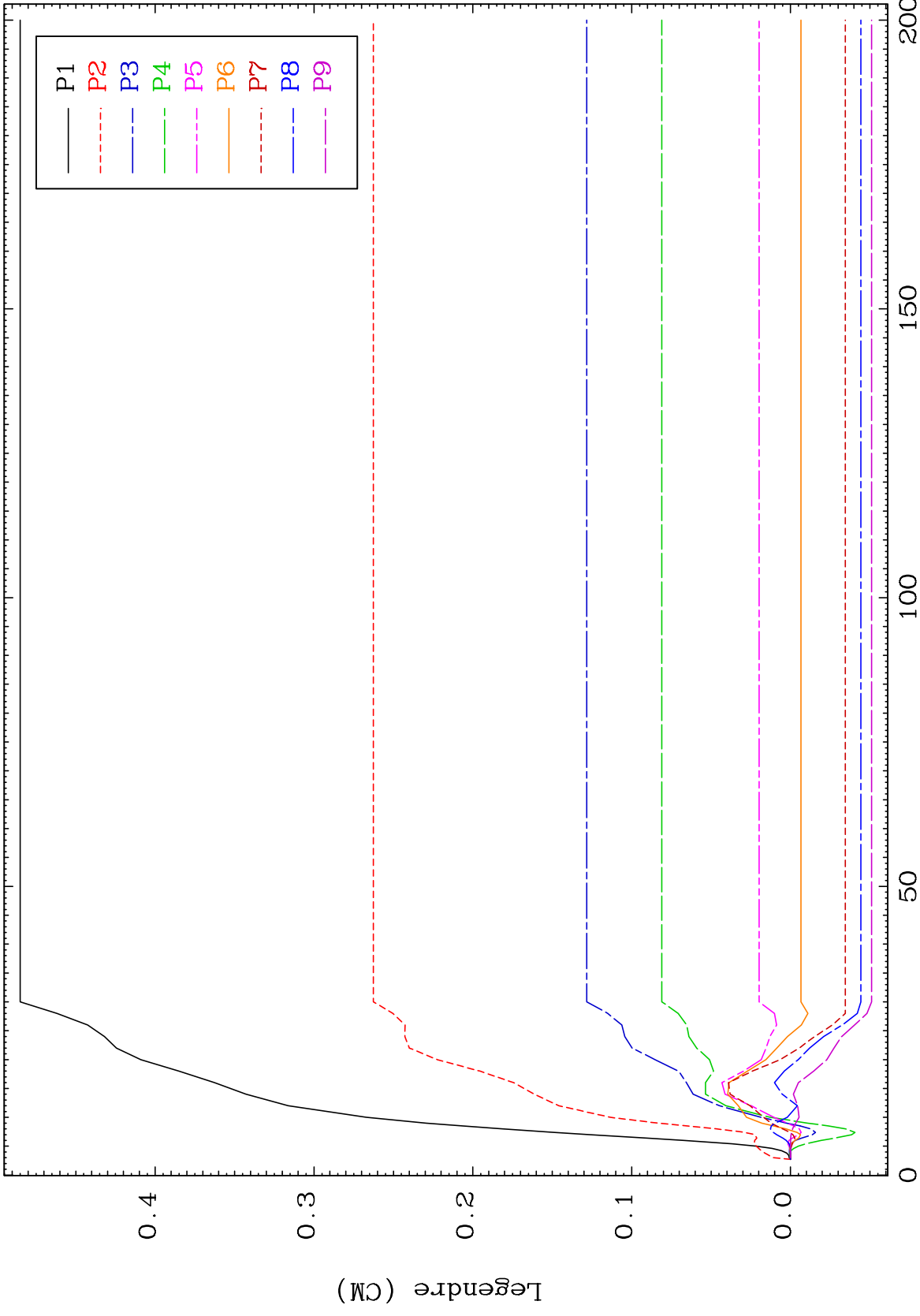
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



108

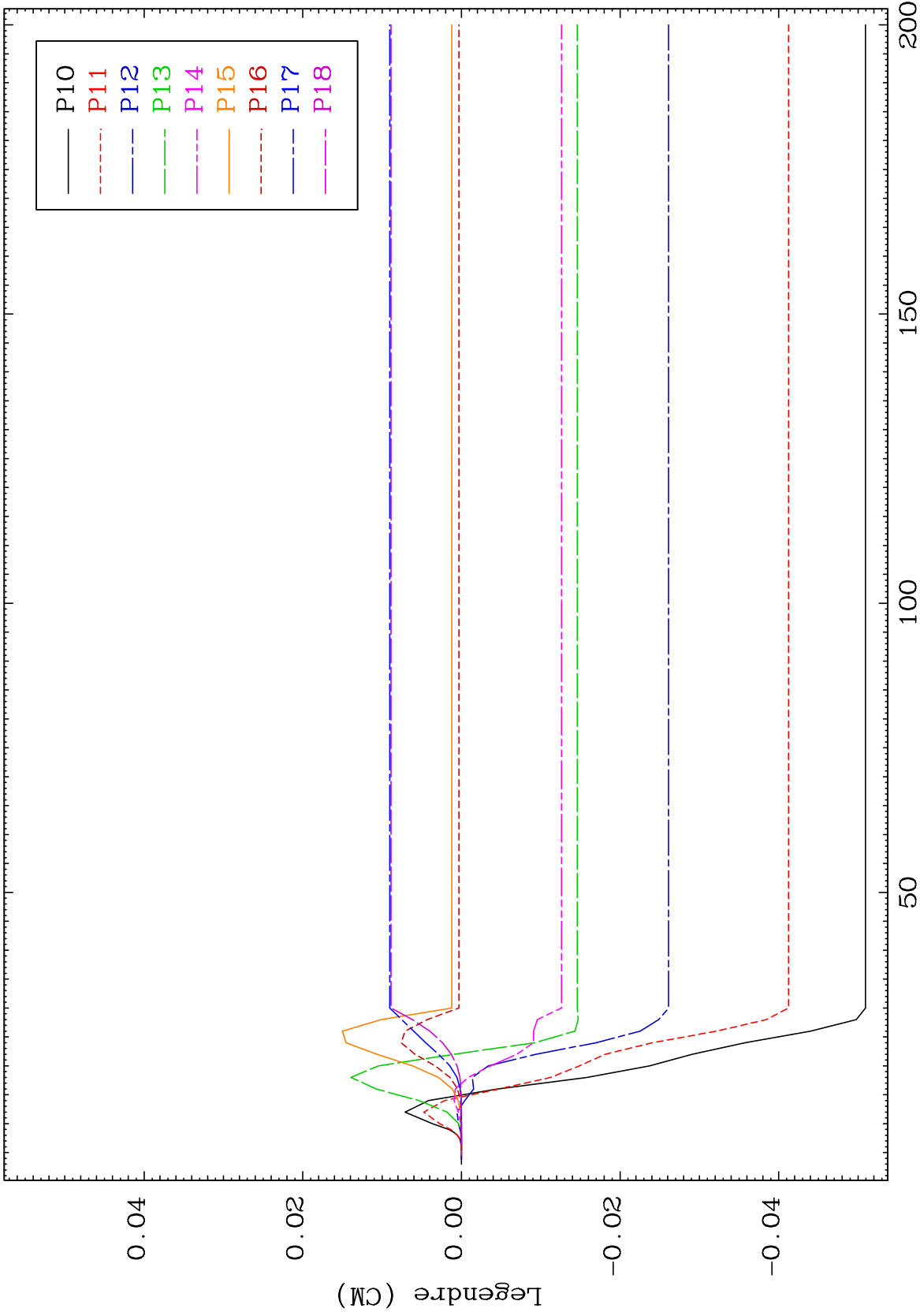
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



109

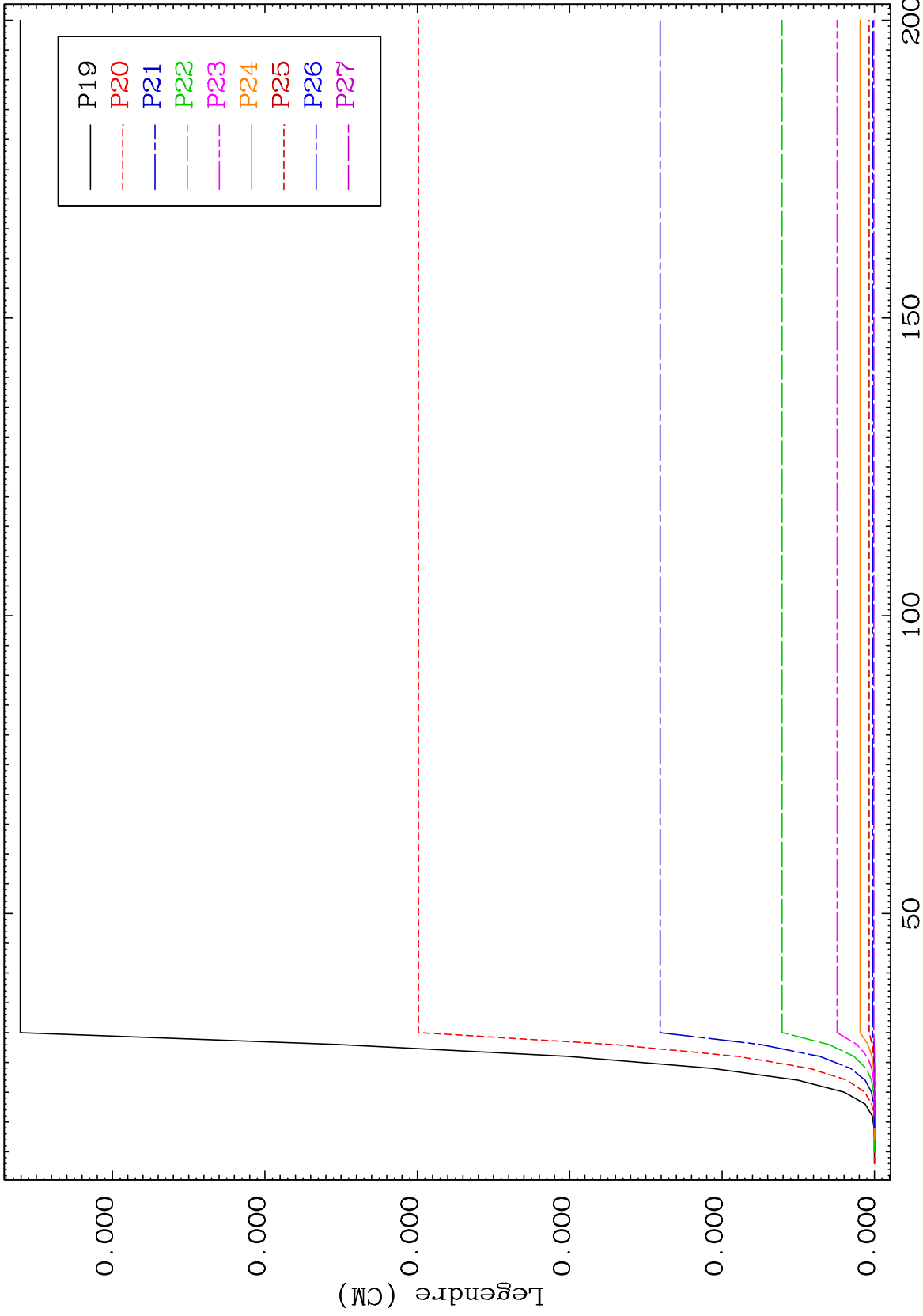
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



110

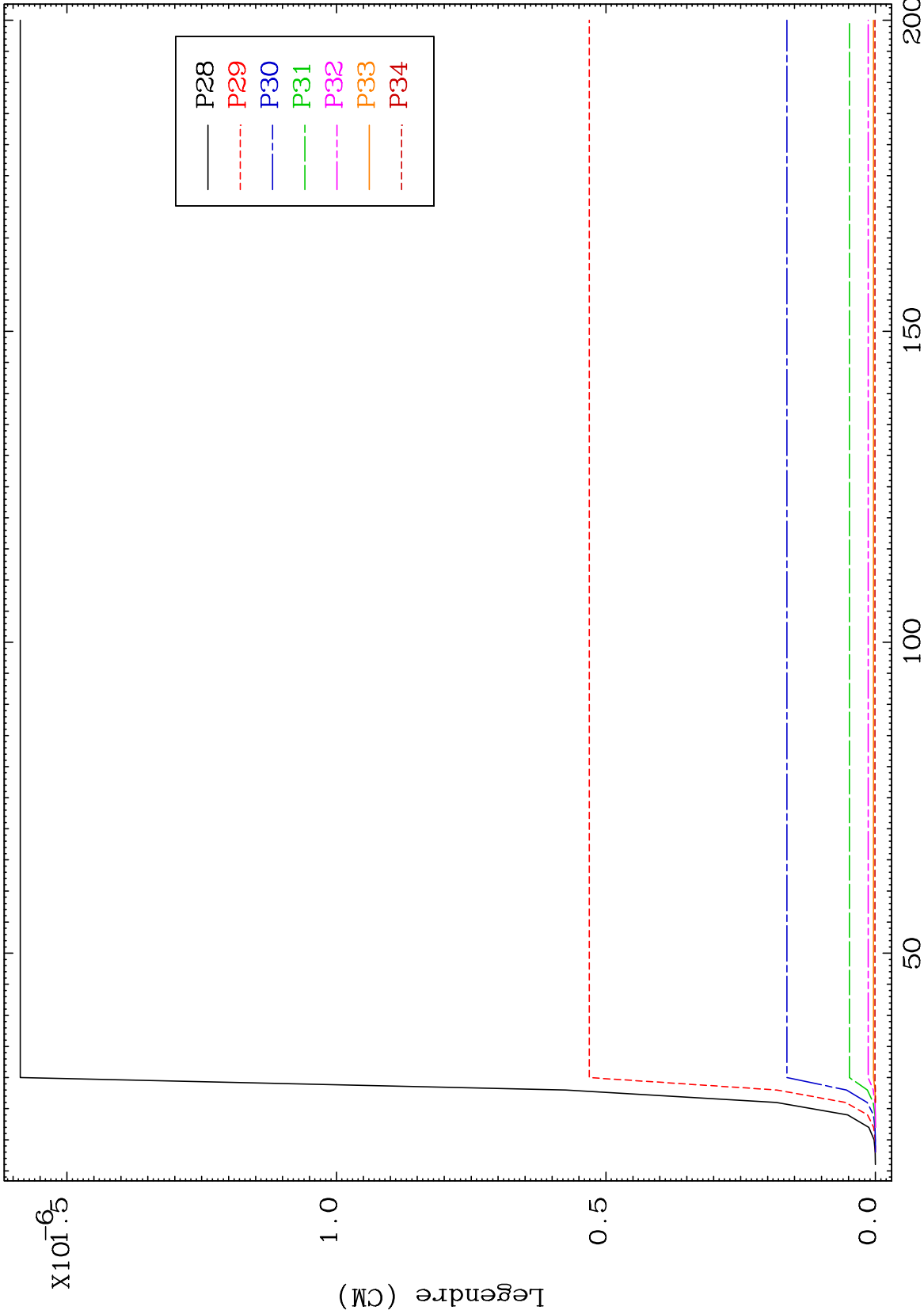
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



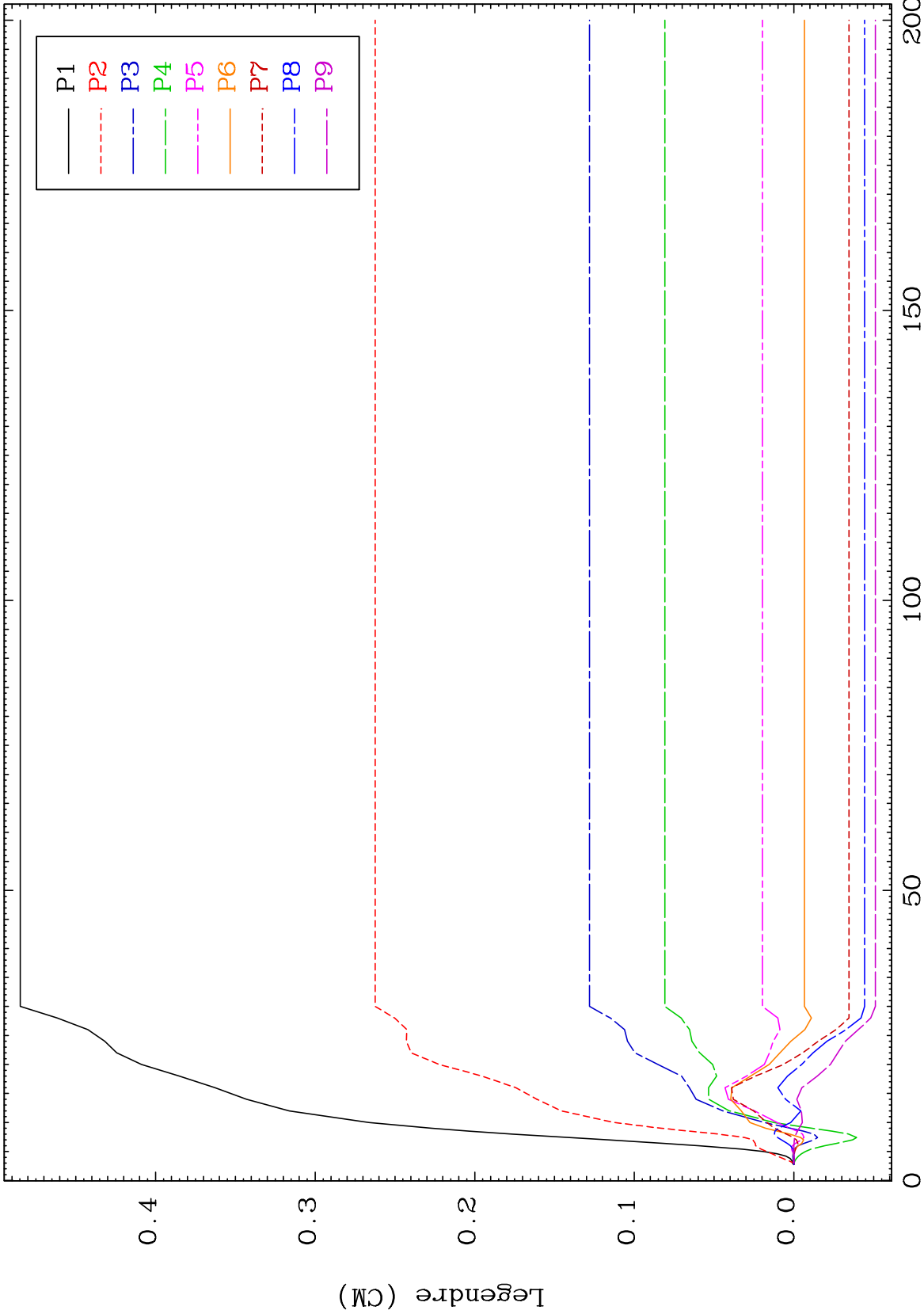
111

51-Sb-115

MAT 5107

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

51-Sb-115



112

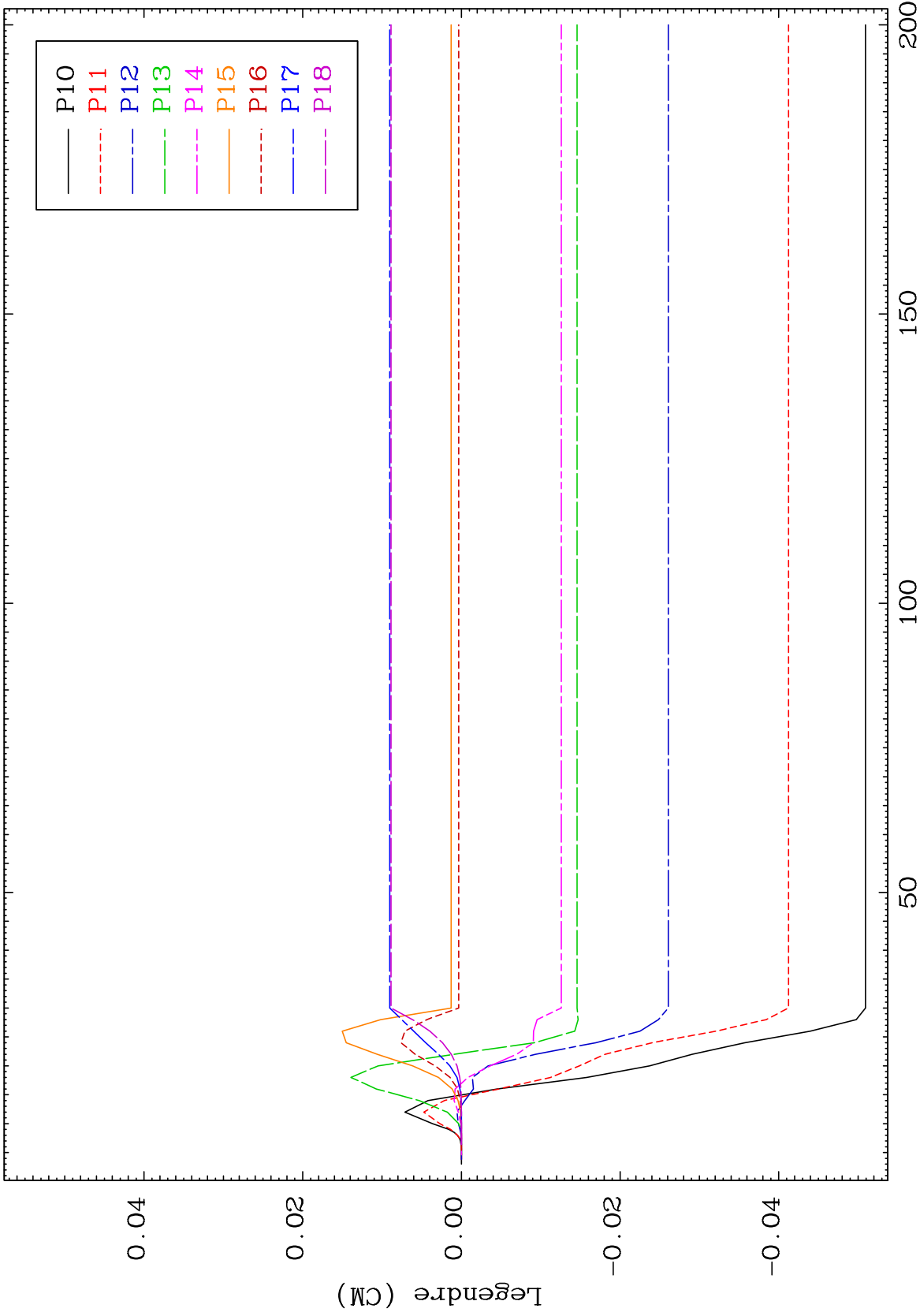
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



113

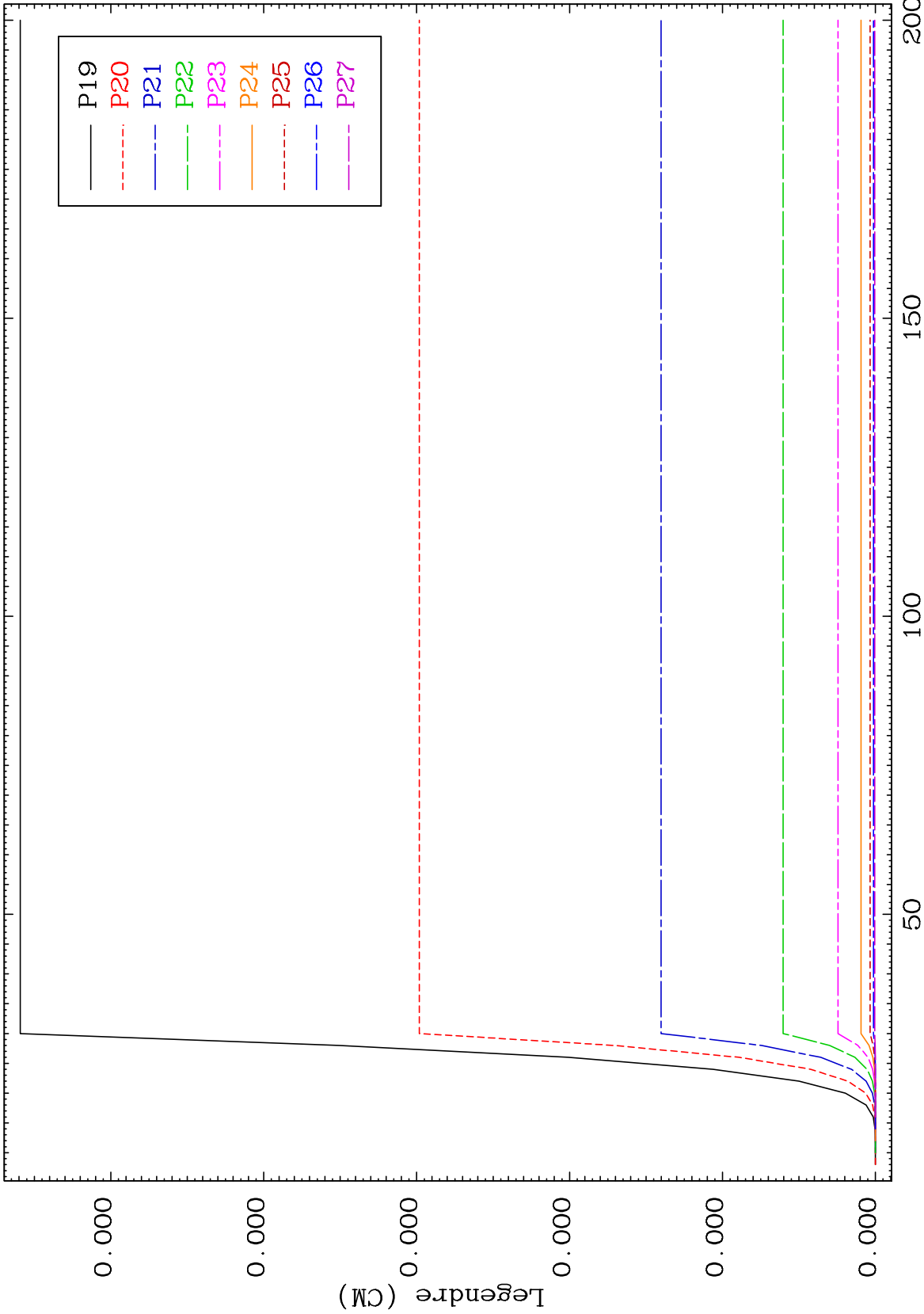
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



114

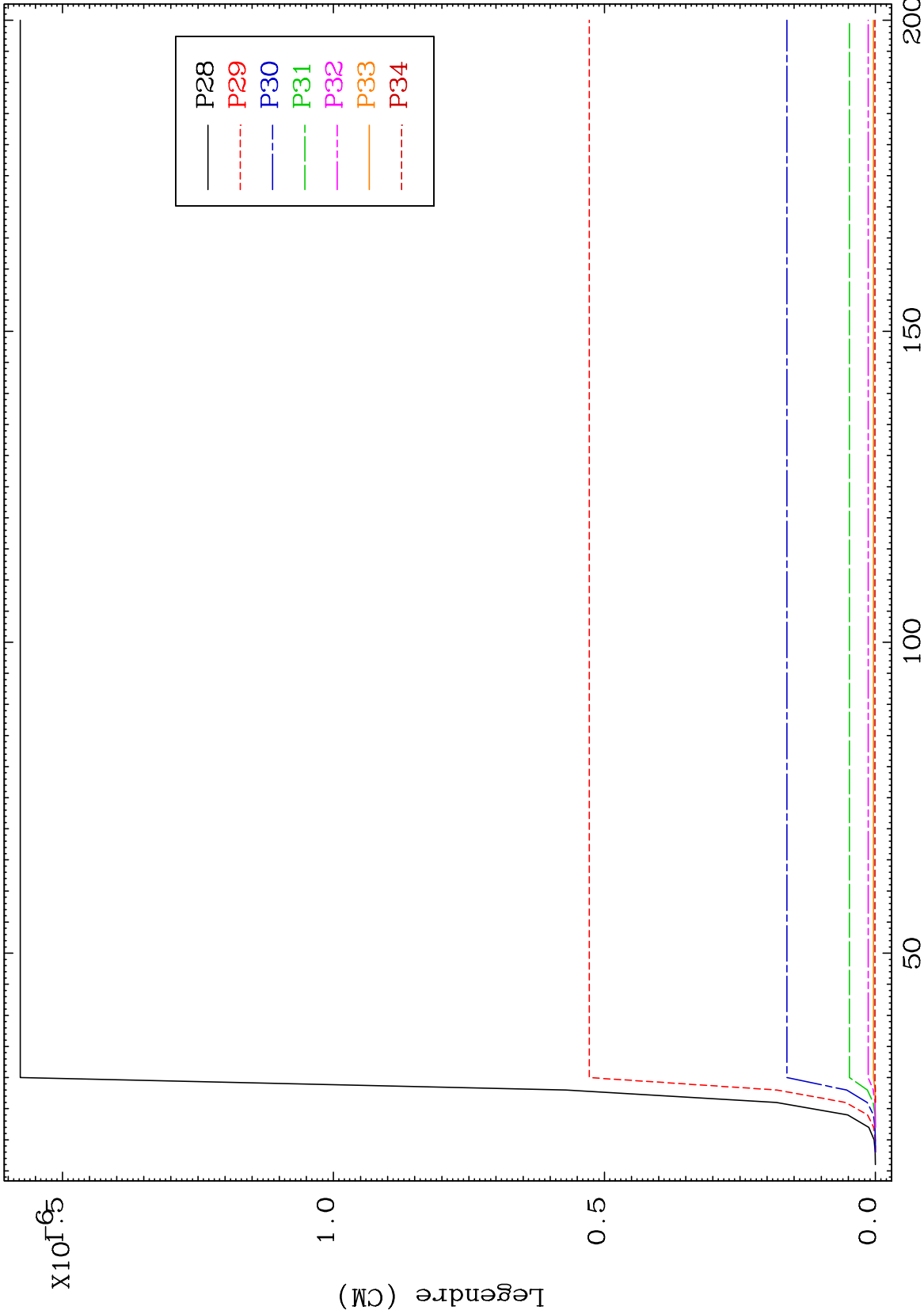
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



115

Incident Energy (MeV)

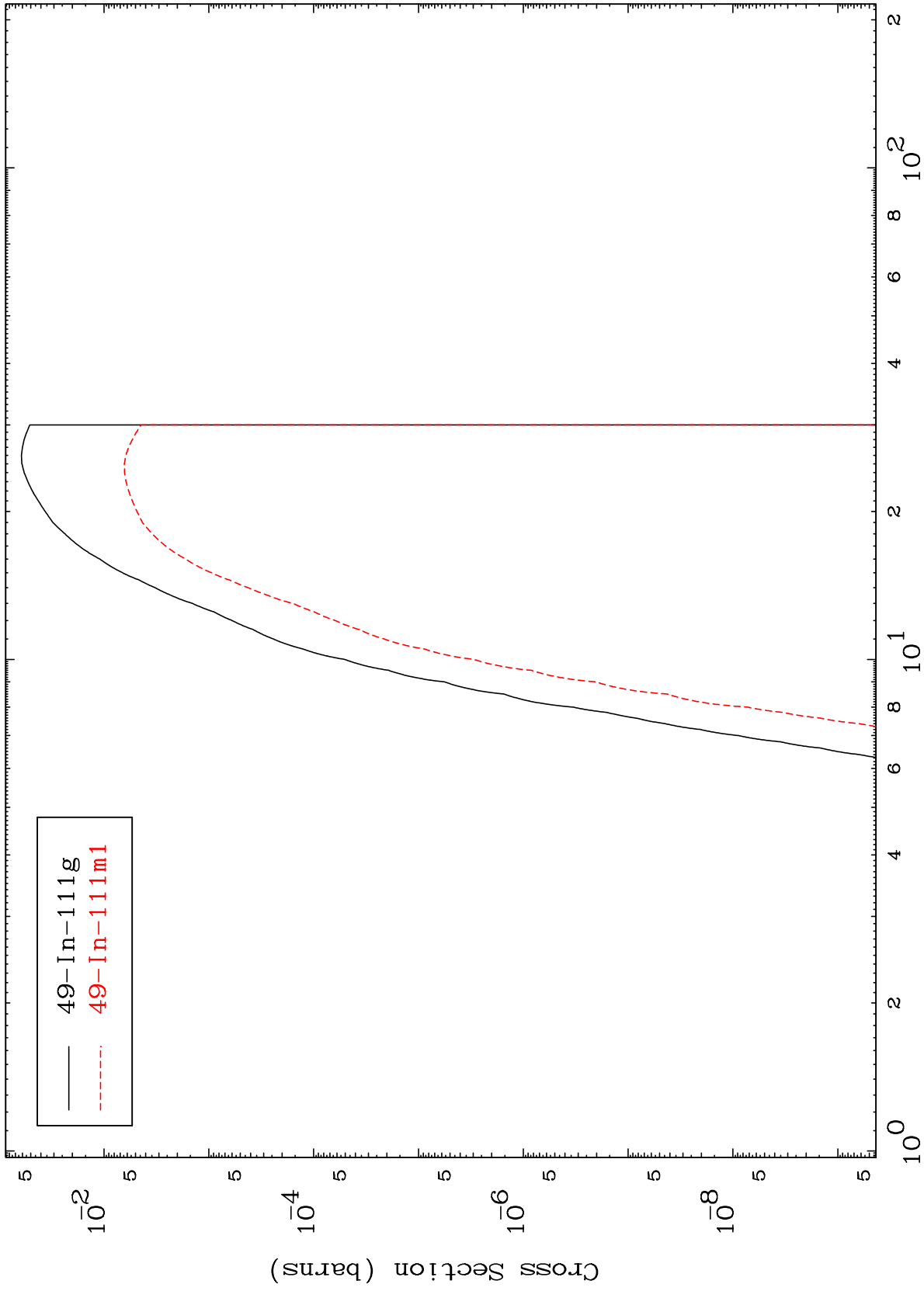
51-Sb-115

MAT 5107

(n,n') α

51-Sb-115

Radionuclide Production Cross Section



— 49-In-111g
- - - 49-In-111m1

116

Incident Energy (MeV)

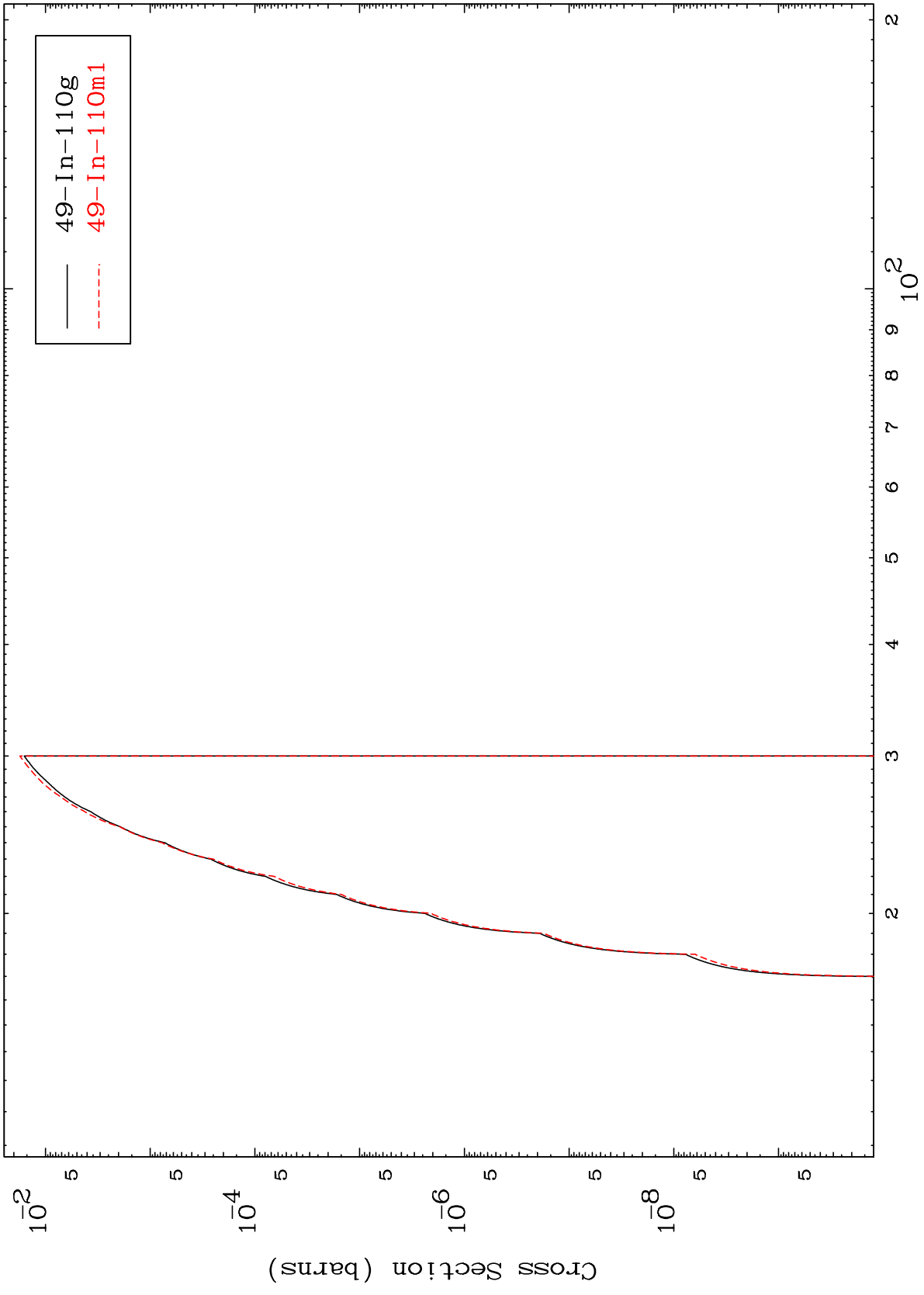
51-Sb-115

MAT 5107

(n,2n) α

51-Sb-115

Radionuclide Production Cross Section



117

Incident Energy (MeV)

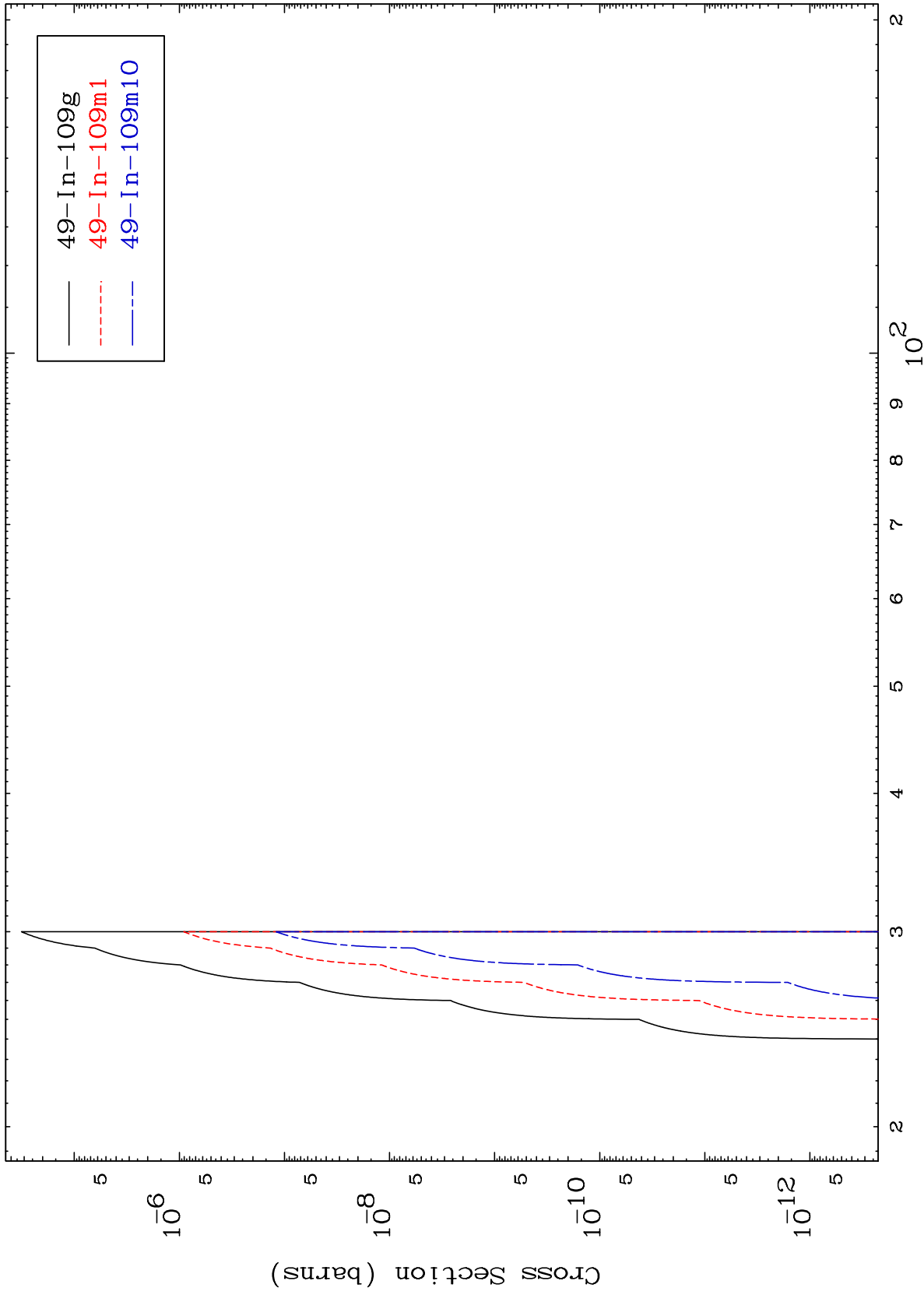
51-Sb-115

MAT 5107

(n,3n) α

51-Sb-115

Radionuclide Production Cross Section



118

Incident Energy (MeV)

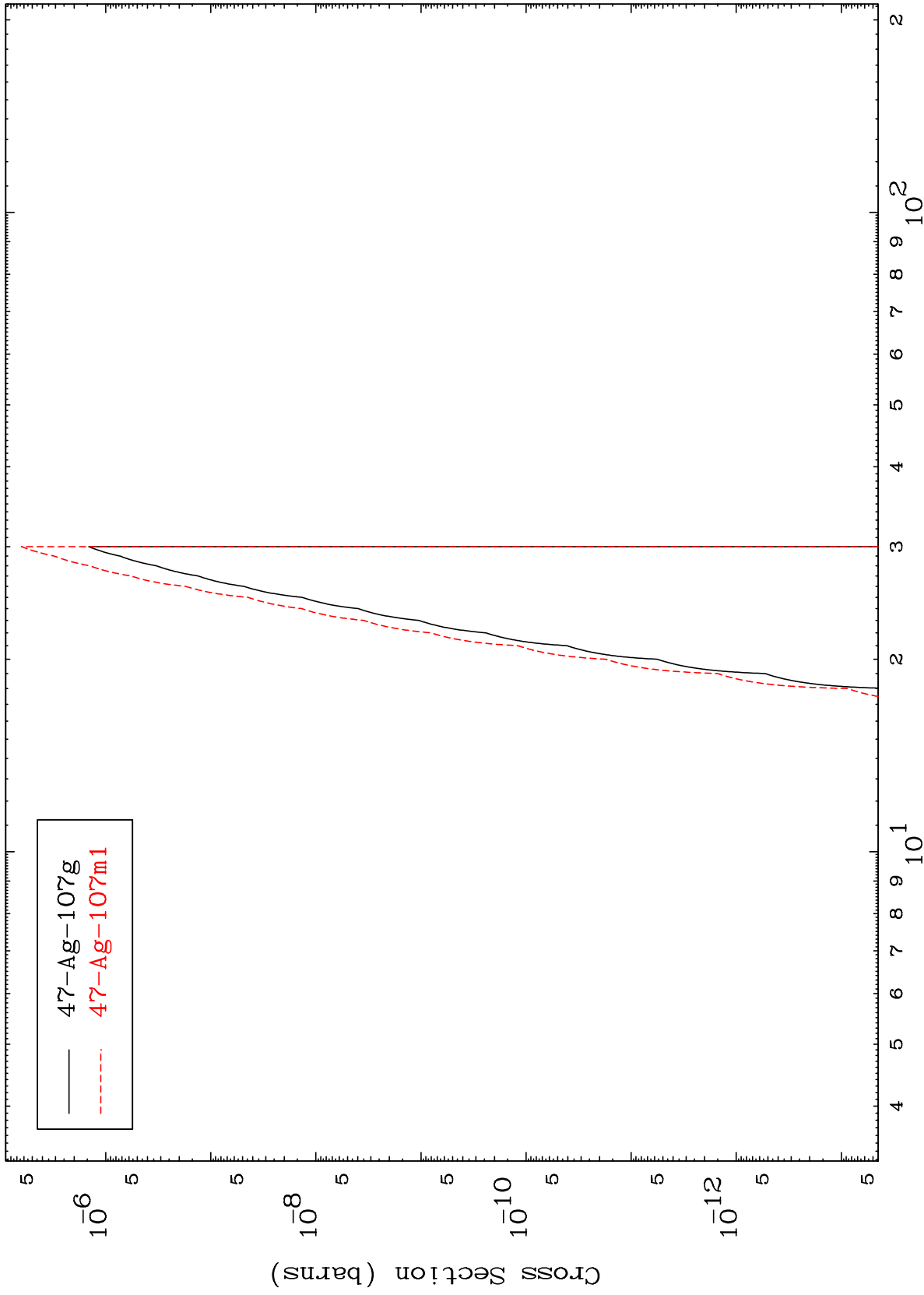
51-Sb-115

MAT 5107

(n,n') 2 α

51-Sb-115

Radionuclide Production Cross Section



119

Incident Energy (MeV)

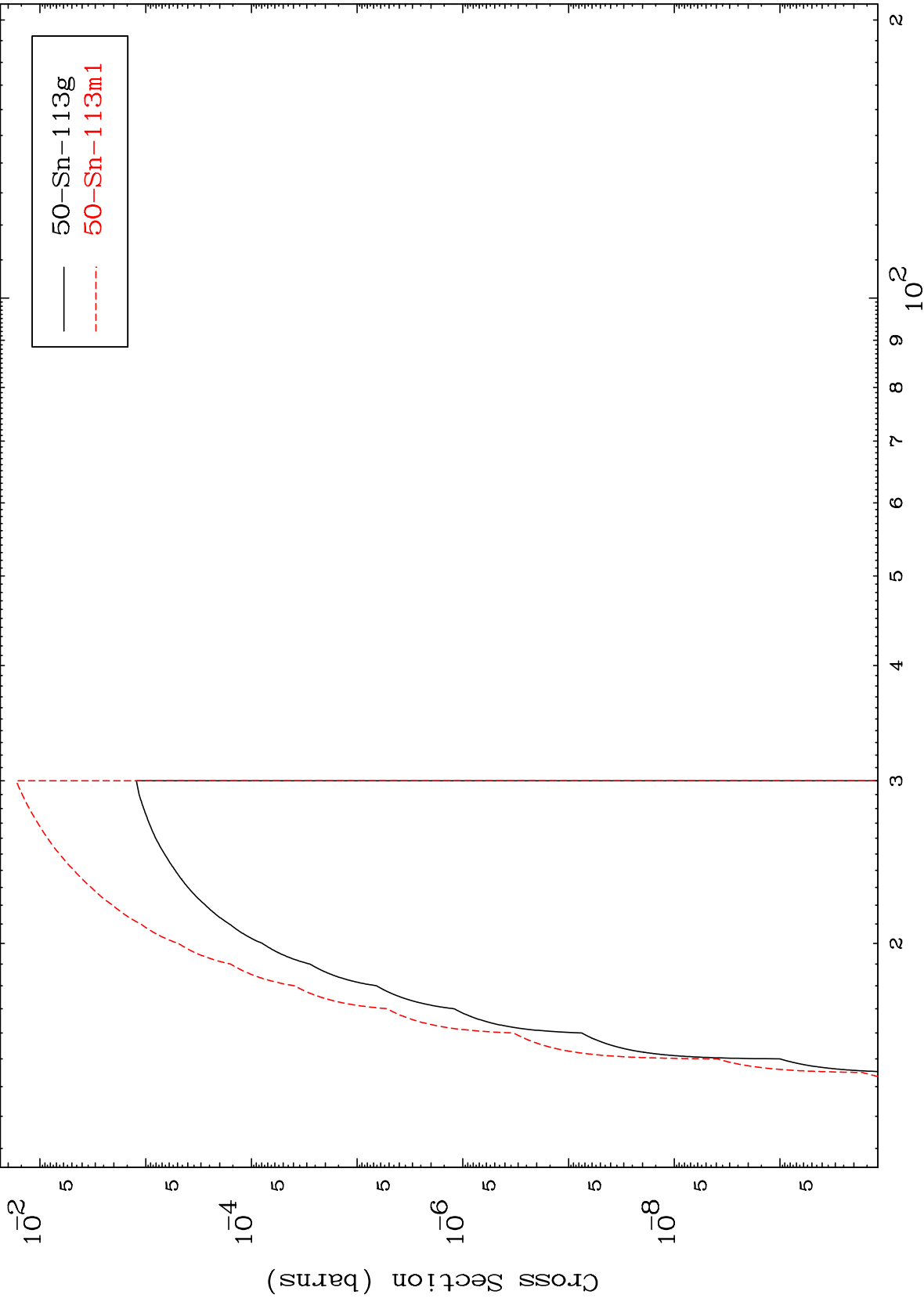
51-Sb-115

MAT 5107

(n,n') d

51-Sb-115

Radionuclide Production Cross Section



120

Incident Energy (MeV)

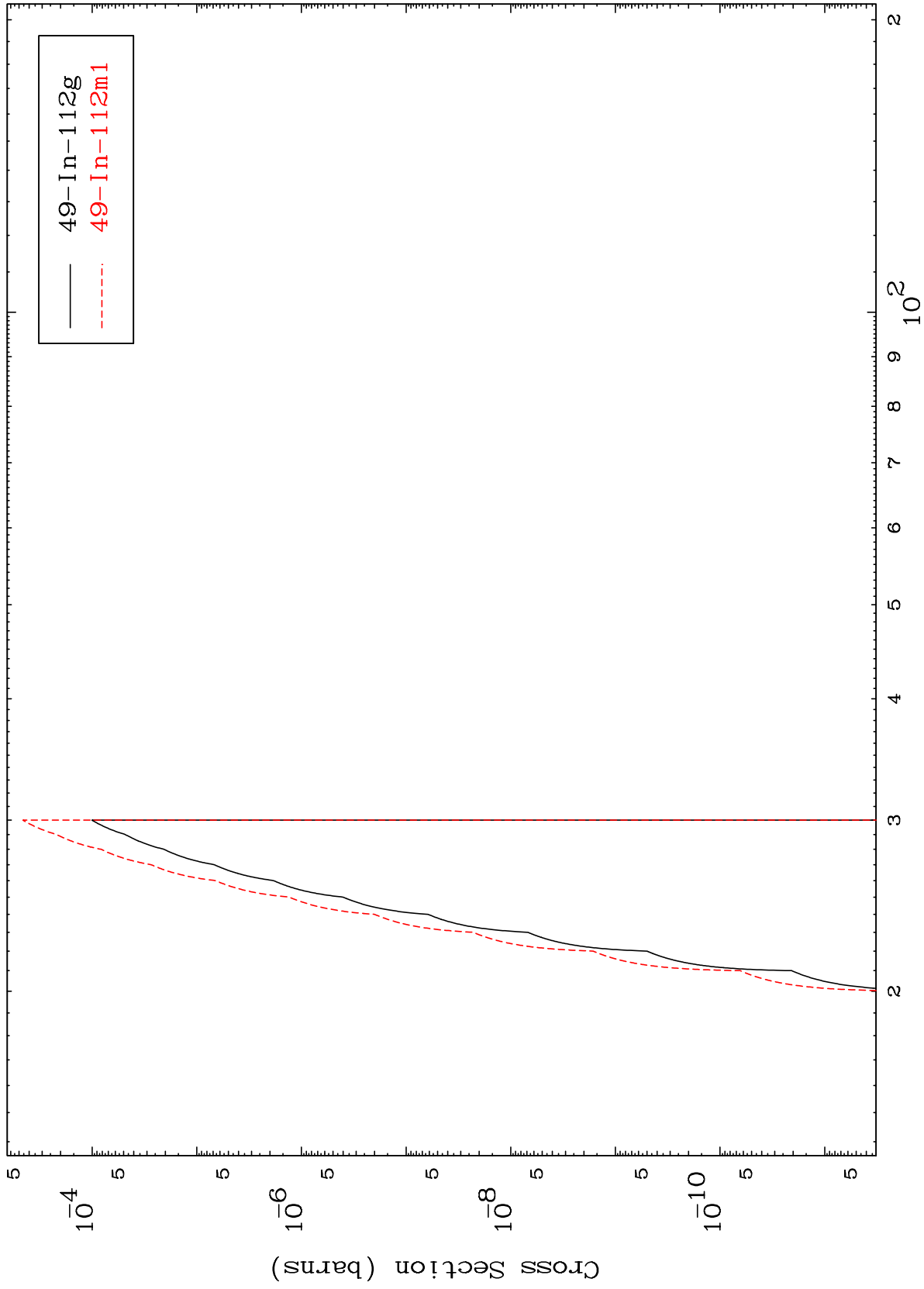
51-Sb-115

MAT 5107

(n, n') He-3

51-Sb-115

Radionuclide Production Cross Section



121

Incident Energy (MeV)

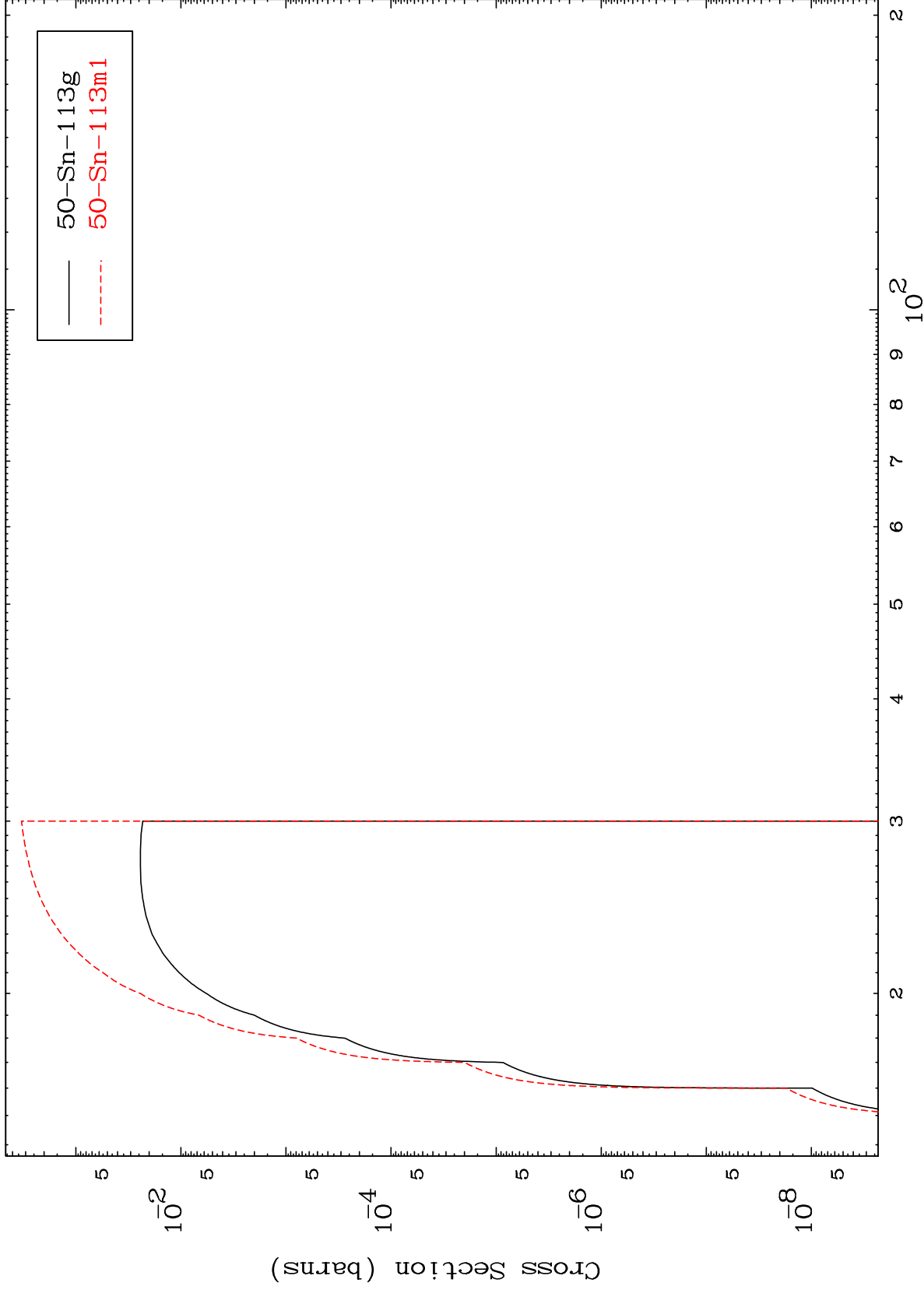
51-Sb-115

MAT 5107

(n,2n) p

51-Sb-115

Radionuclide Production Cross Section



122

Incident Energy (MeV)

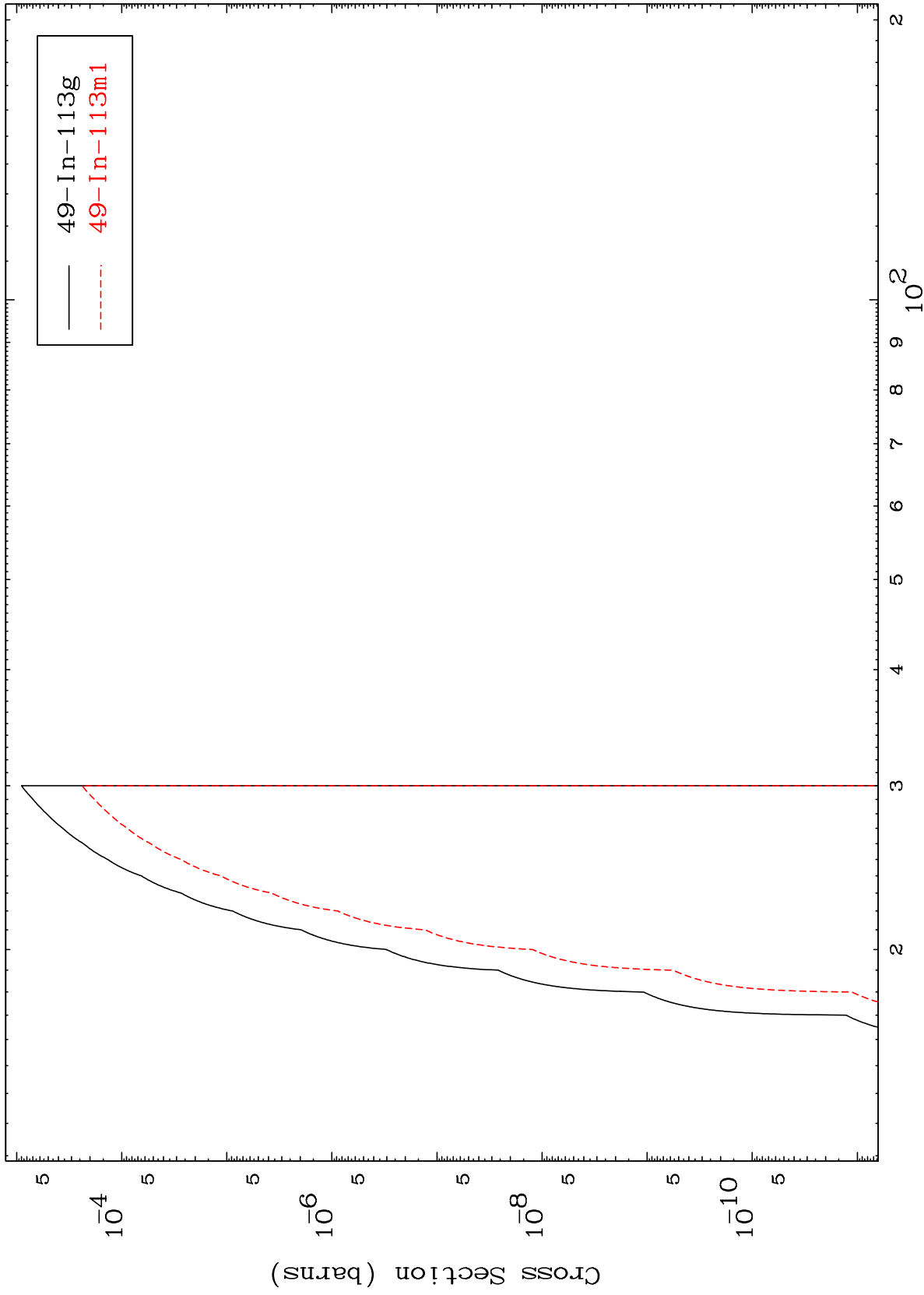
51-Sb-115

MAT 5107

(n,2n) p

51-Sb-115

Radionuclide Production Cross Section



123

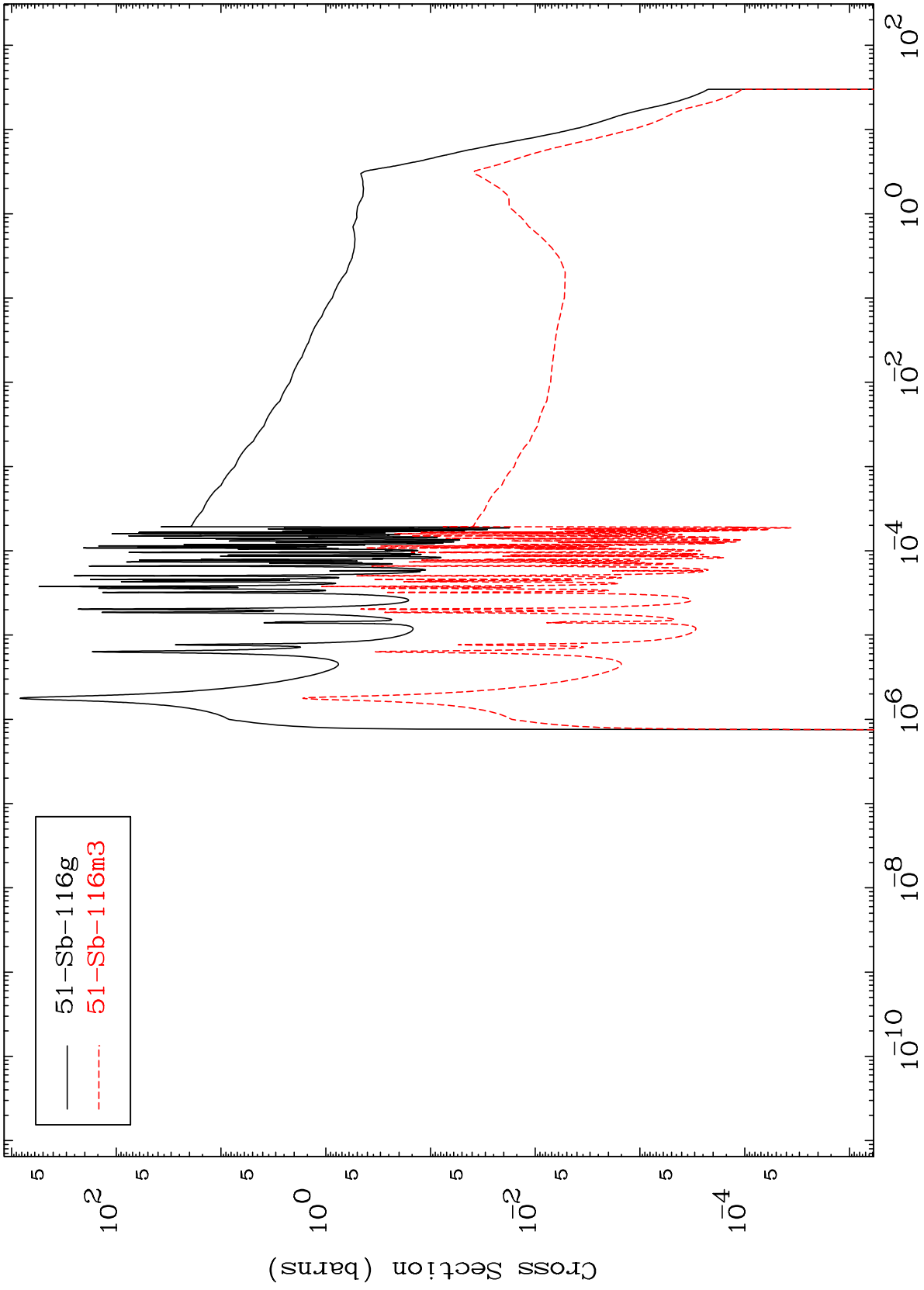
Incident Energy (MeV)

51-Sb-115

MAT 5107

Radionuclide Production Cross Section
(n, γ)

51-Sb-115



124

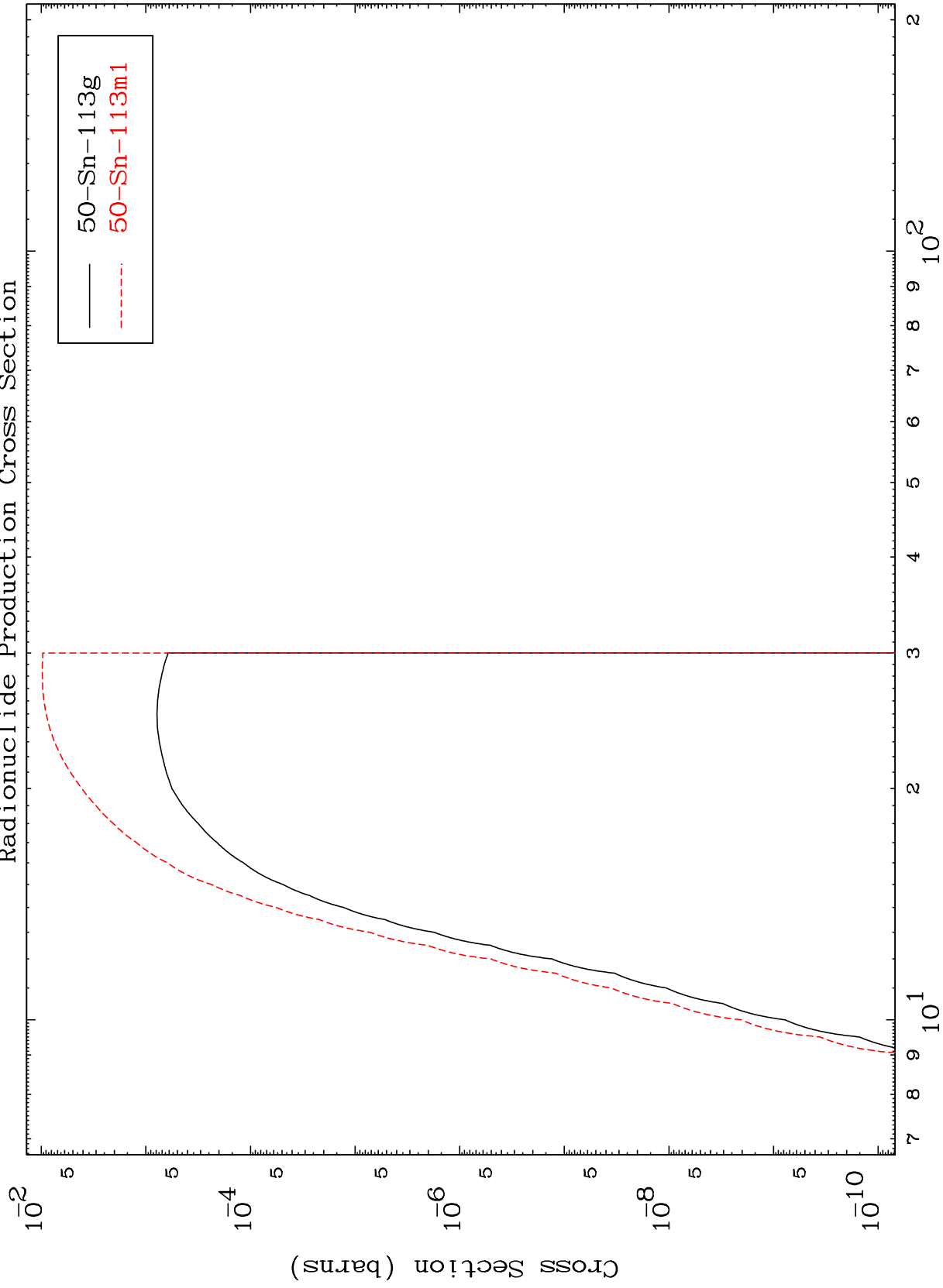
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

(n, t)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

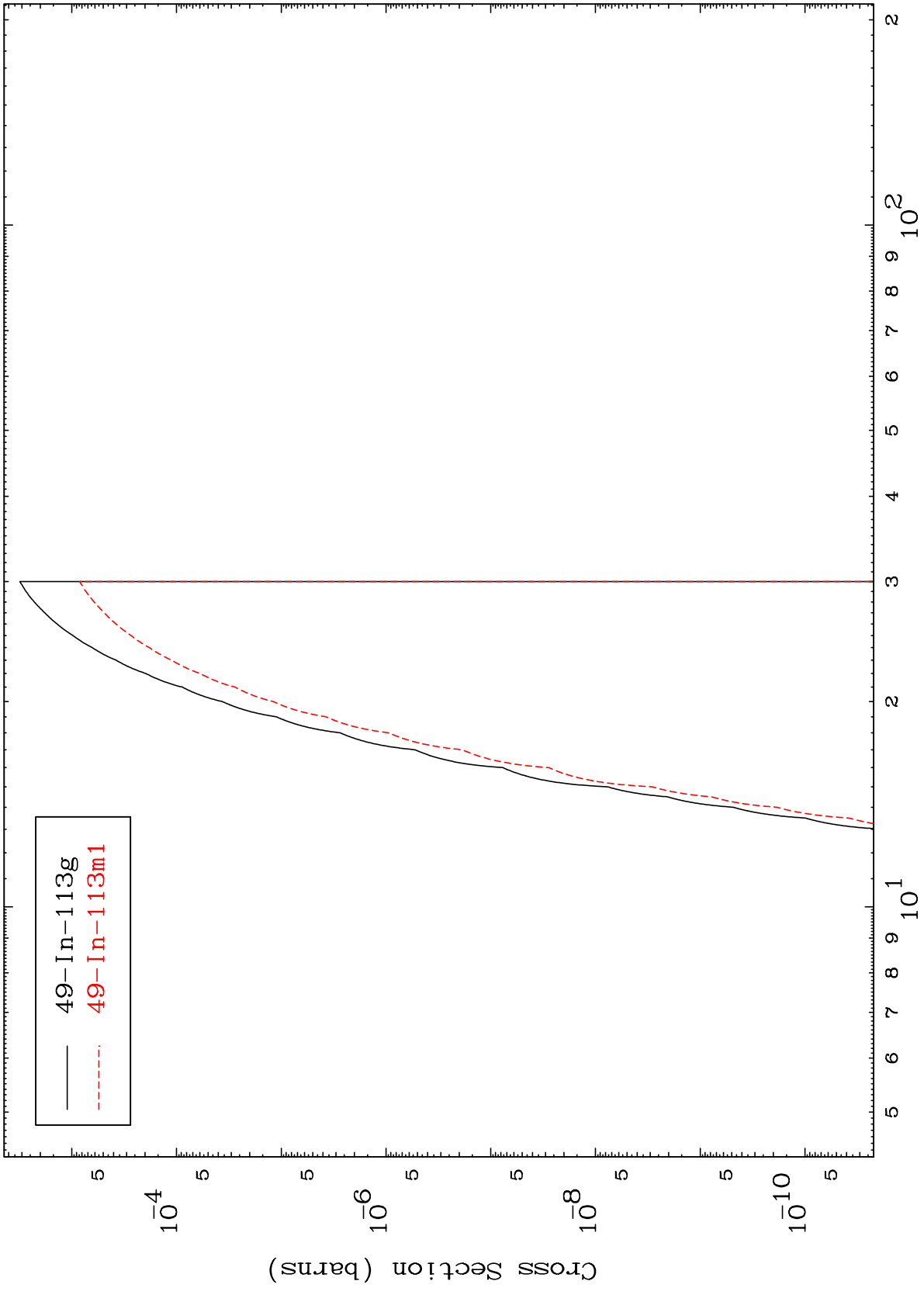
51-Sb-115

MAT 5107

(n, He-3)

51-Sb-115

Radionuclide Production Cross Section



126

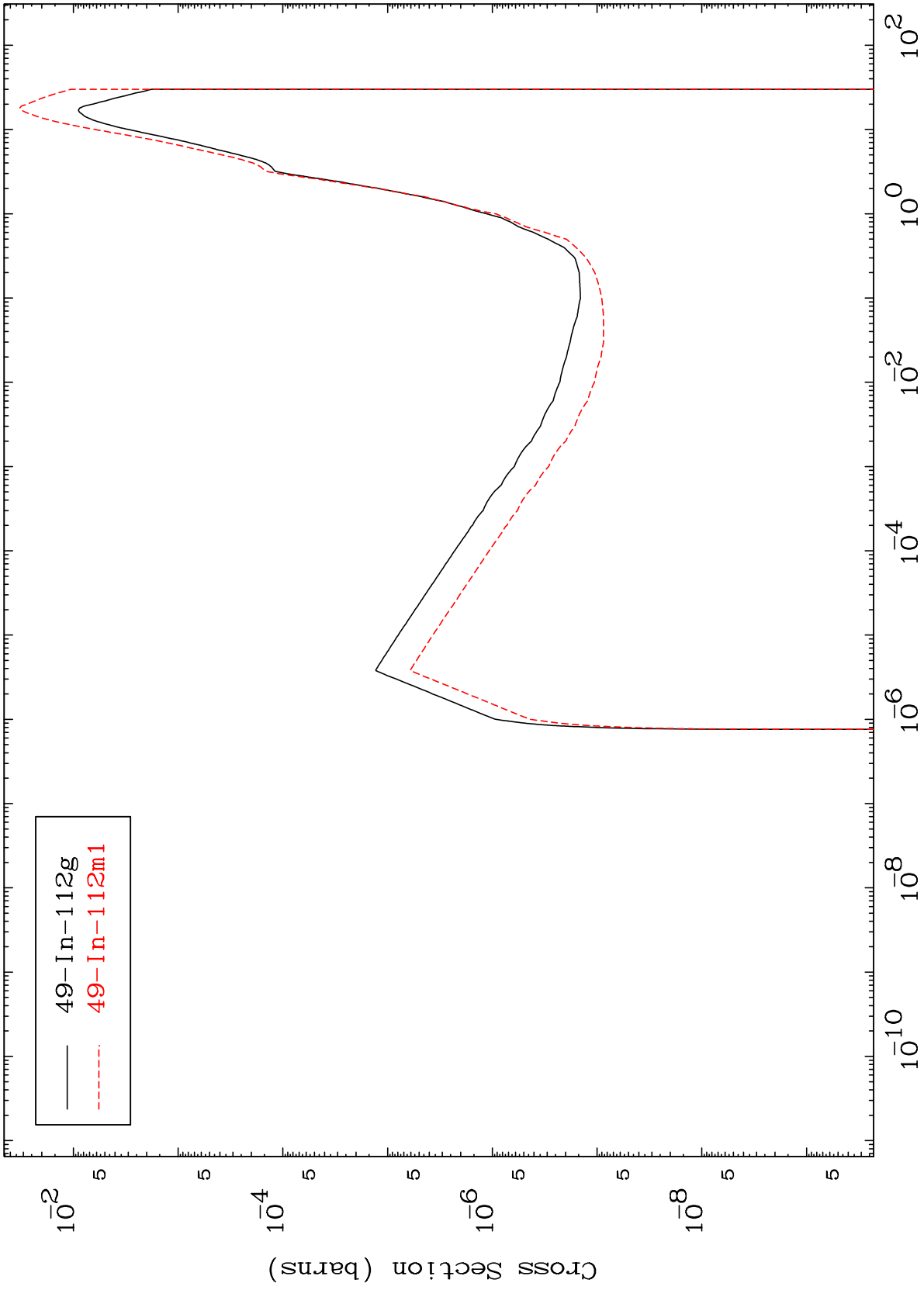
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

(n,α)
Radionuclide Production Cross Section

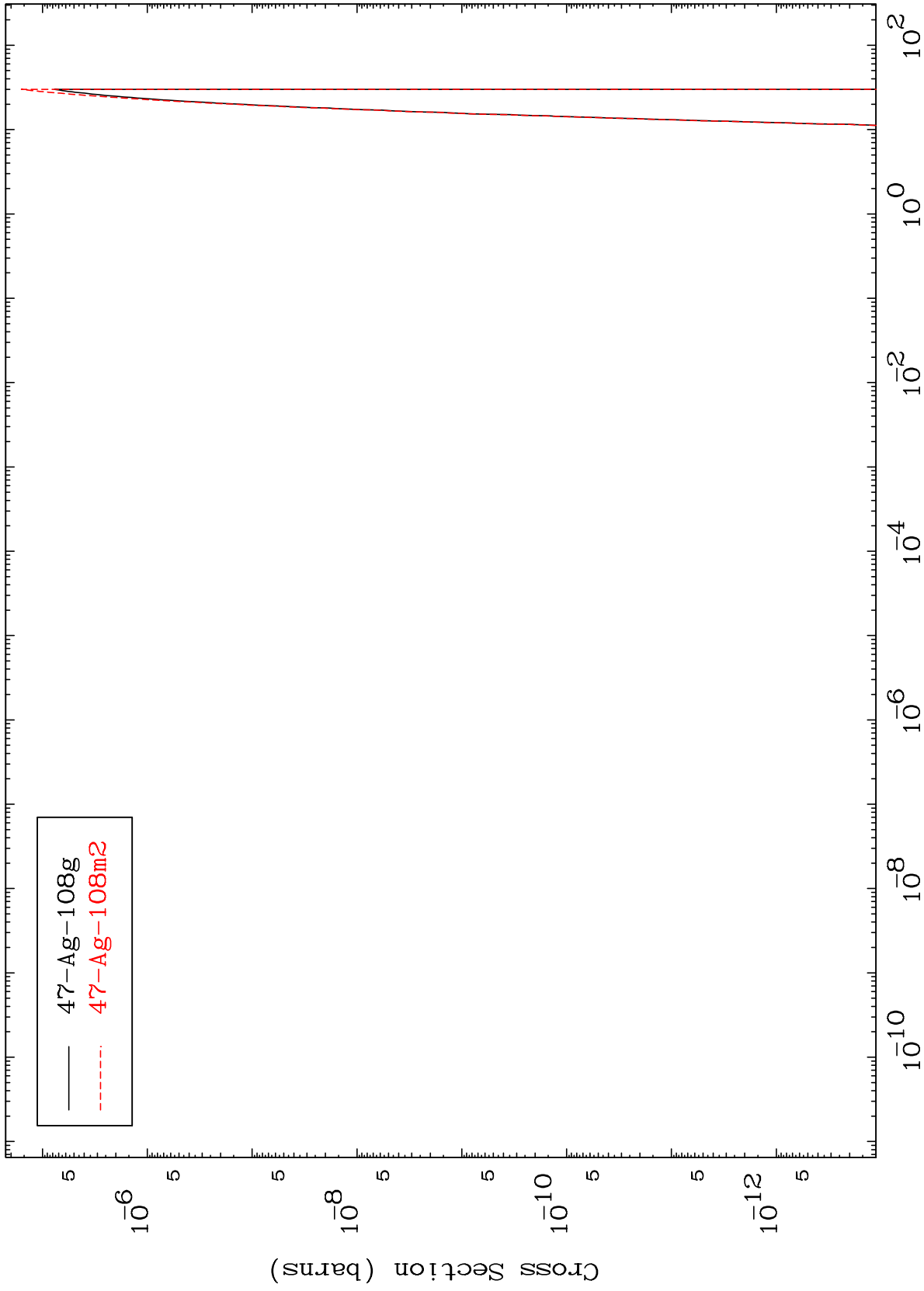


MAT 5107

(n,2α)

51-Sb-115

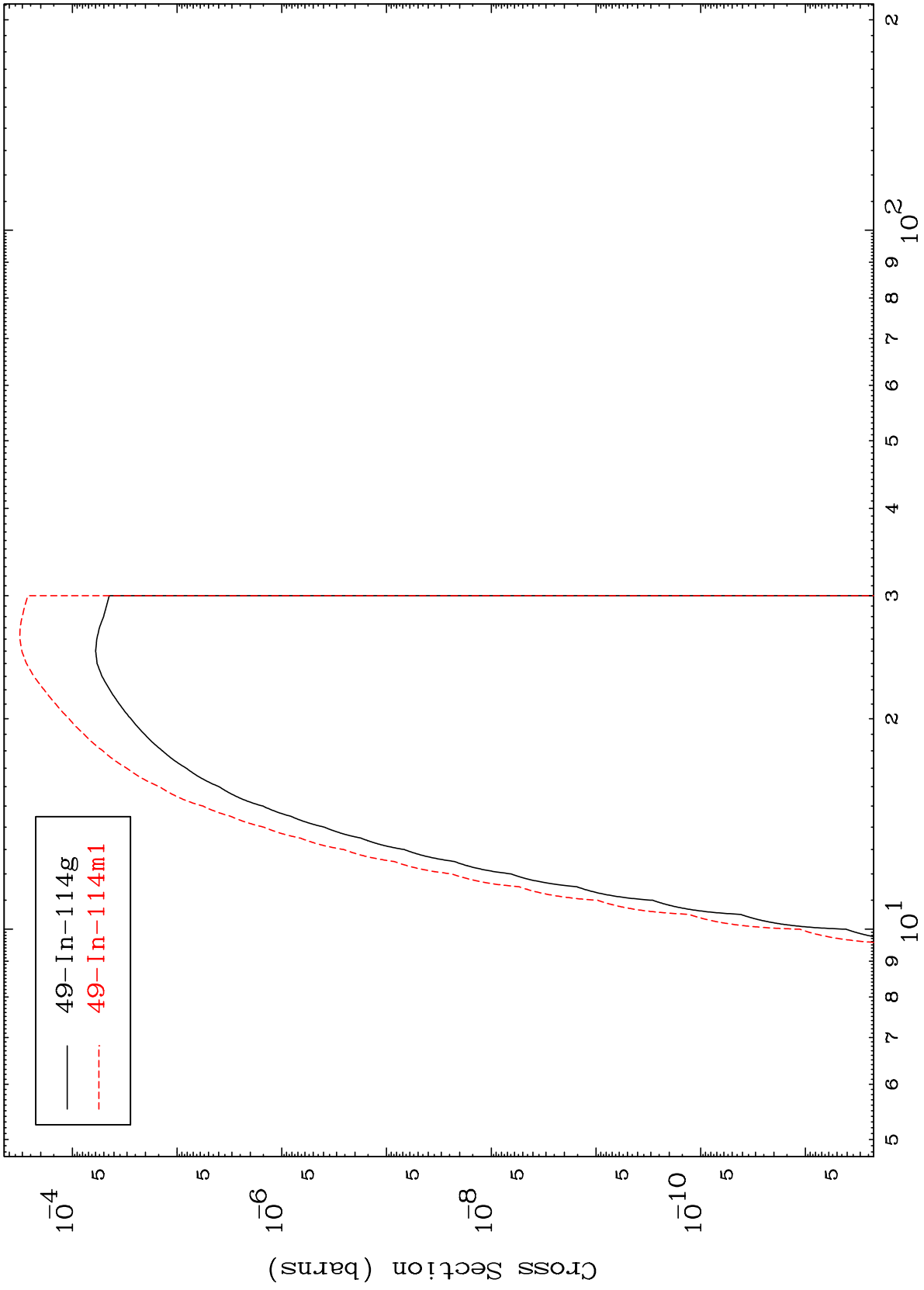
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

Radionuclide Production Cross Section
(n,2p)



129

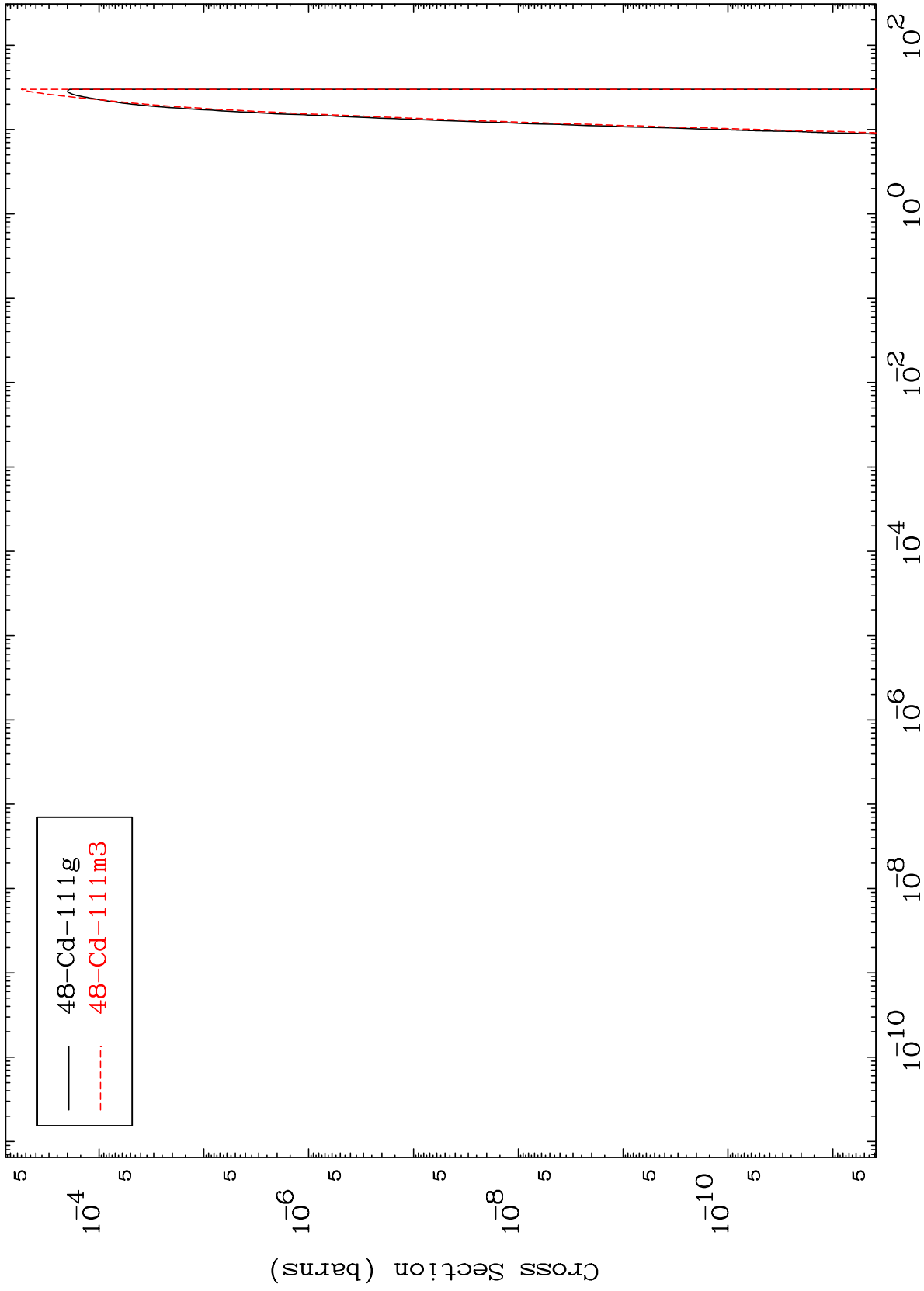
51-Sb-115

MAT 5107

(n,p) α

51-Sb-115

Radionuclide Production Cross Section



130

Incident Energy (MeV)

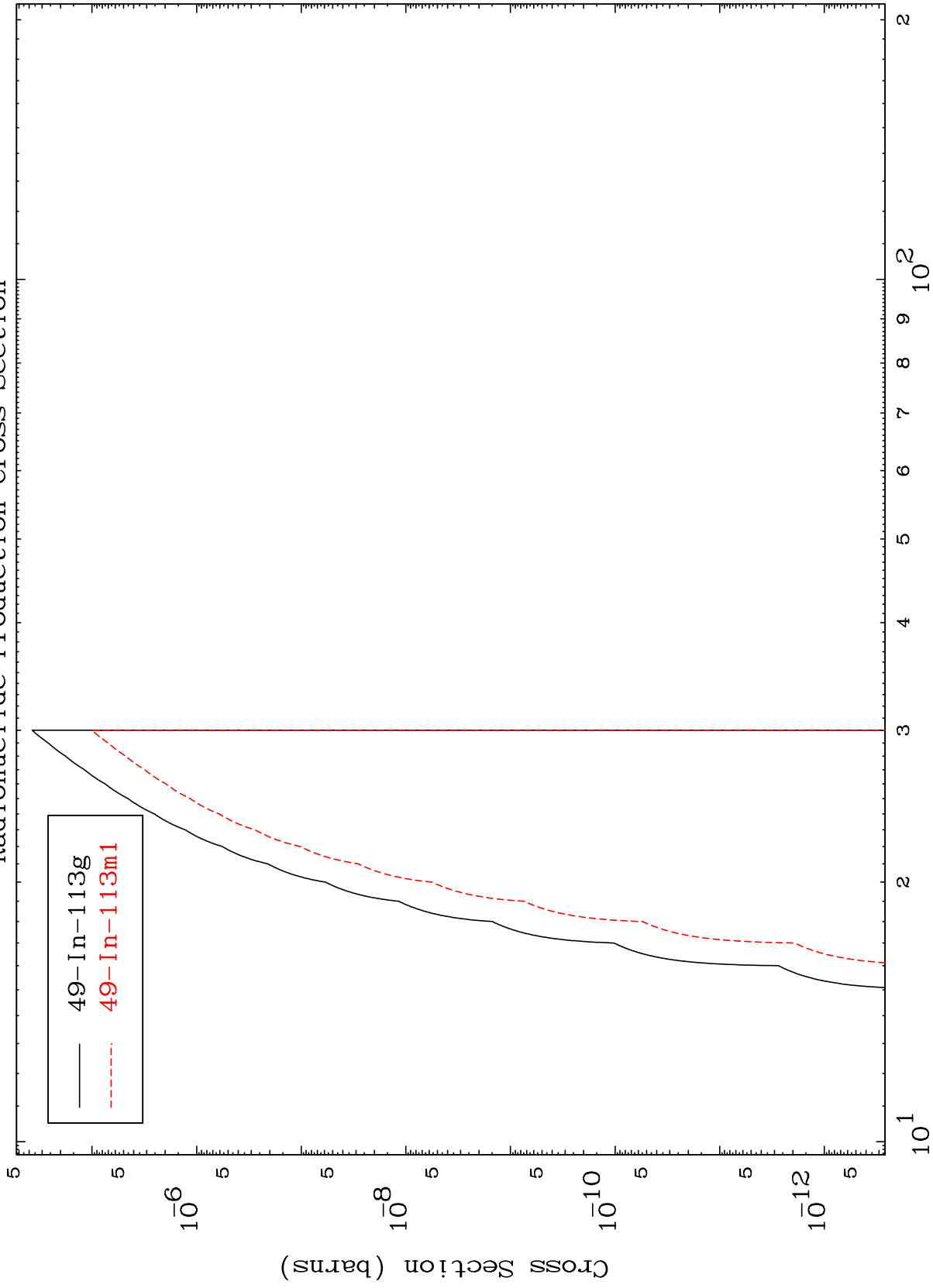
51-Sb-115

MAT 5107

(n,p) d

51-Sb-115

Radionuclide Production Cross Section



131

Incident Energy (MeV)

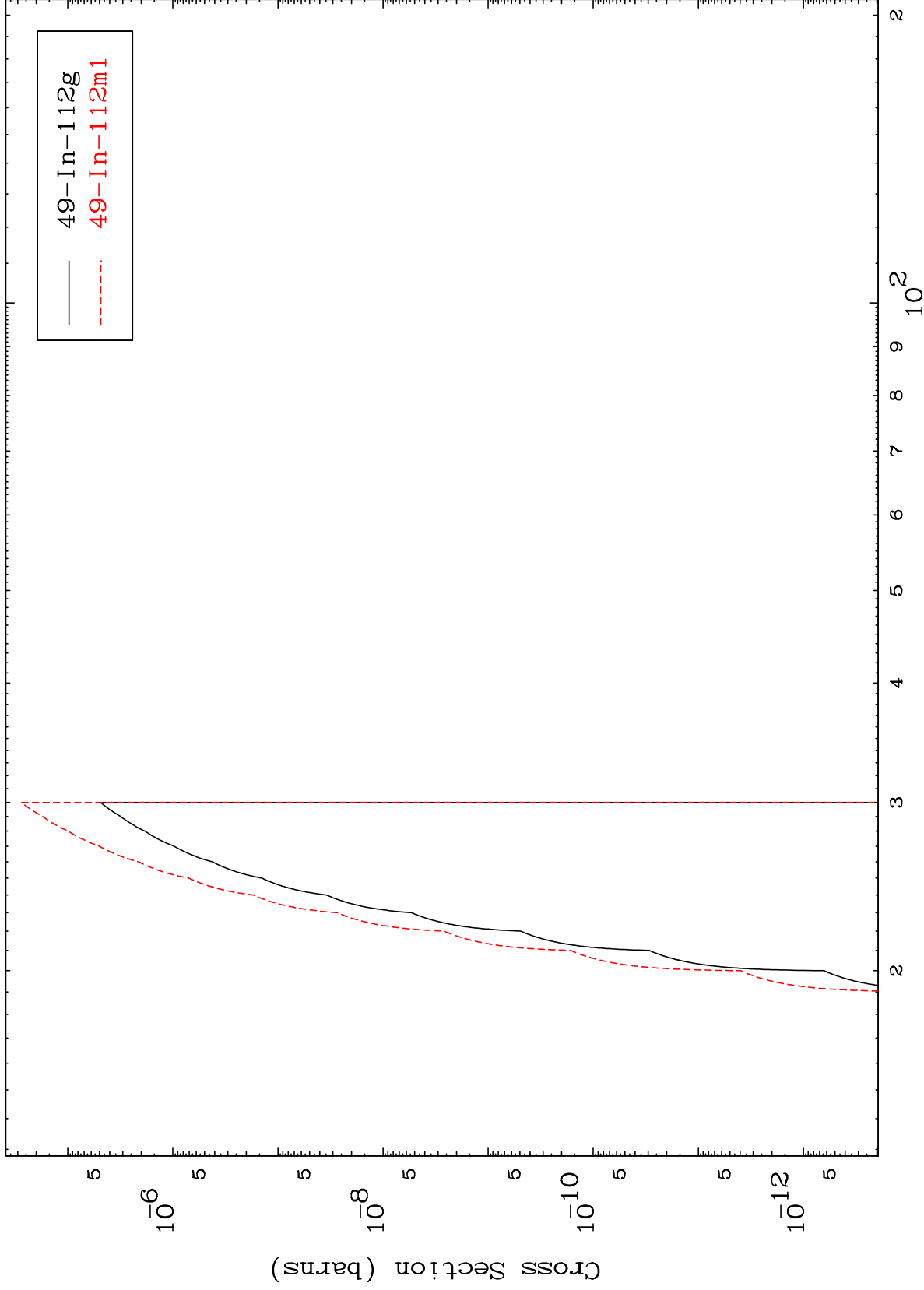
51-Sb-115

MAT 5107

(n,p) t

51-Sb-115

Radionuclide Production Cross Section



132

Incident Energy (MeV)

51-Sb-115