

Program EVALPLOT  
(Version 2018-1)

by

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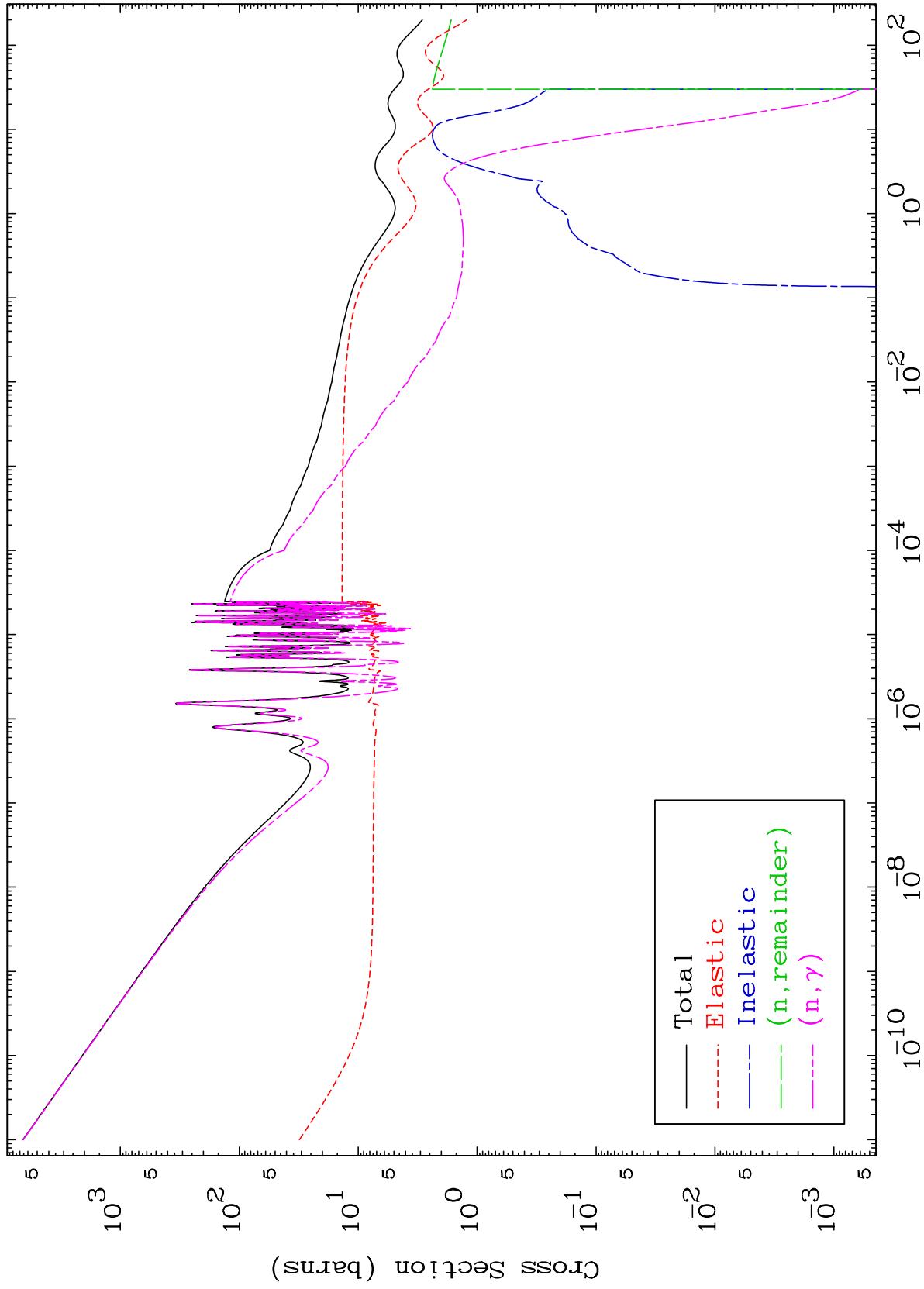
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8198

Major  
293 Kelvin Cross Sections

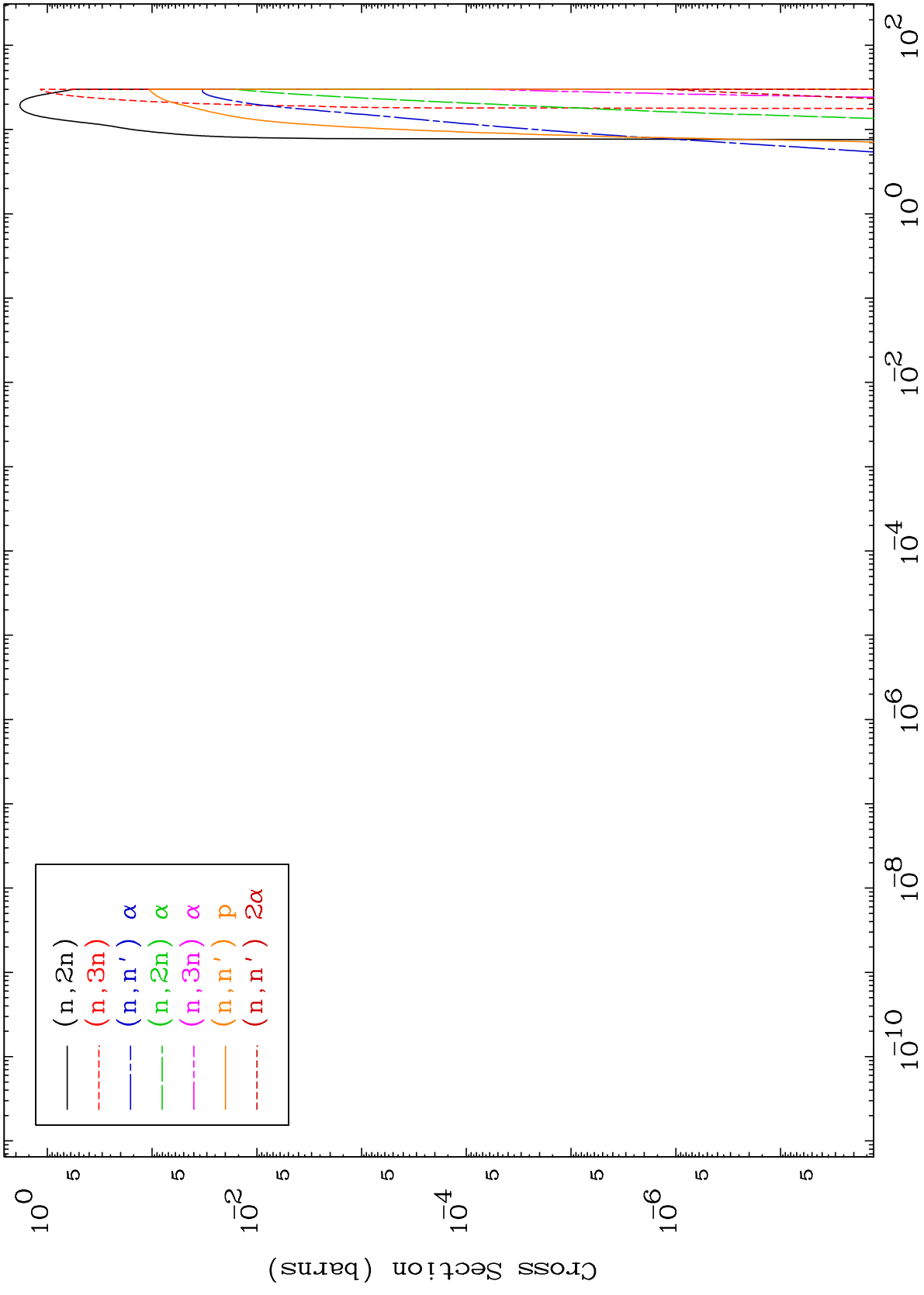
82-Pb-195



MAT 8198

Neutron Production  
293 Kelvin Cross Sections

82-Pb-195

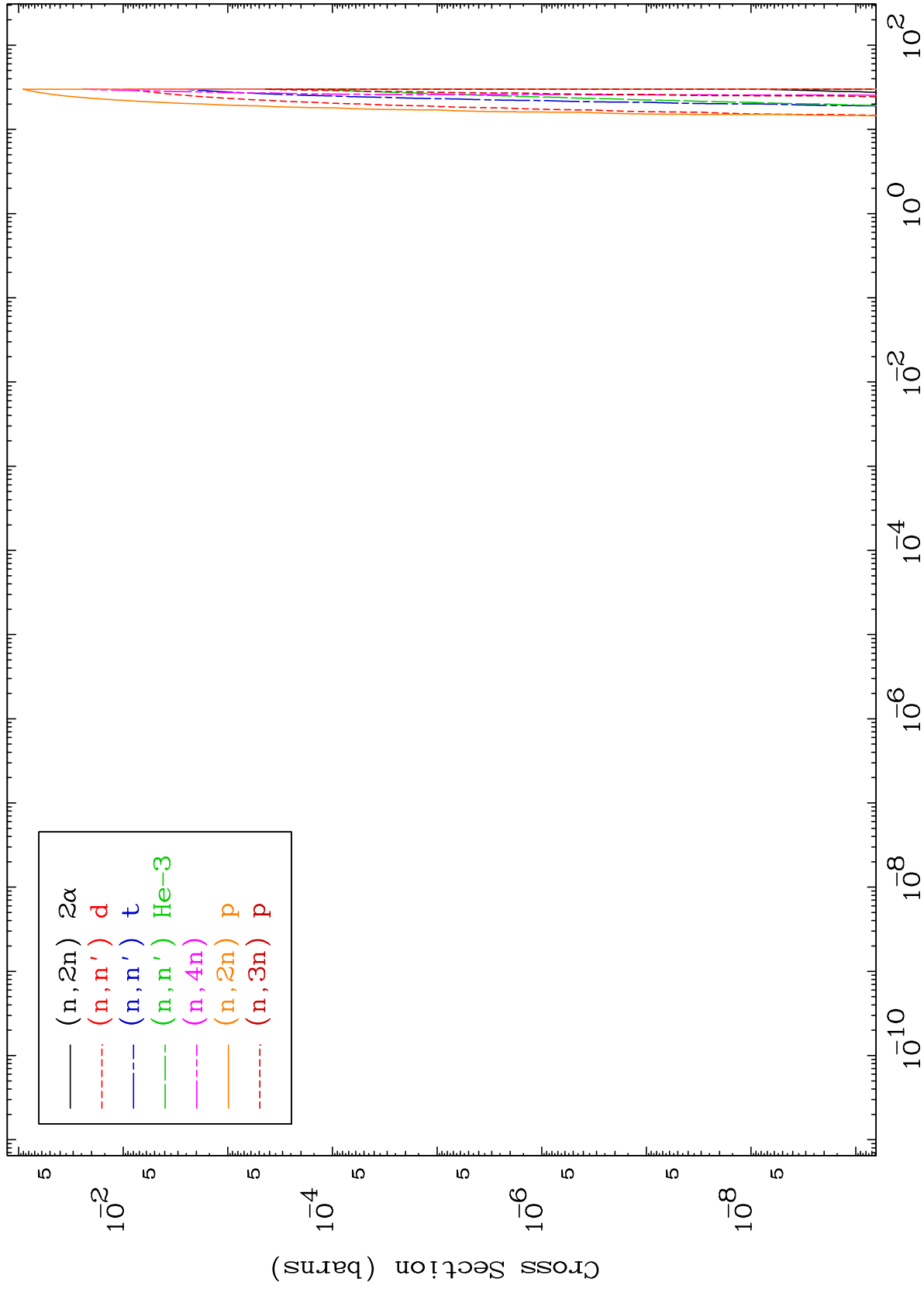


82-Pb-195

MAT 8198

Neutron Production  
293 Kelvin Cross Sections

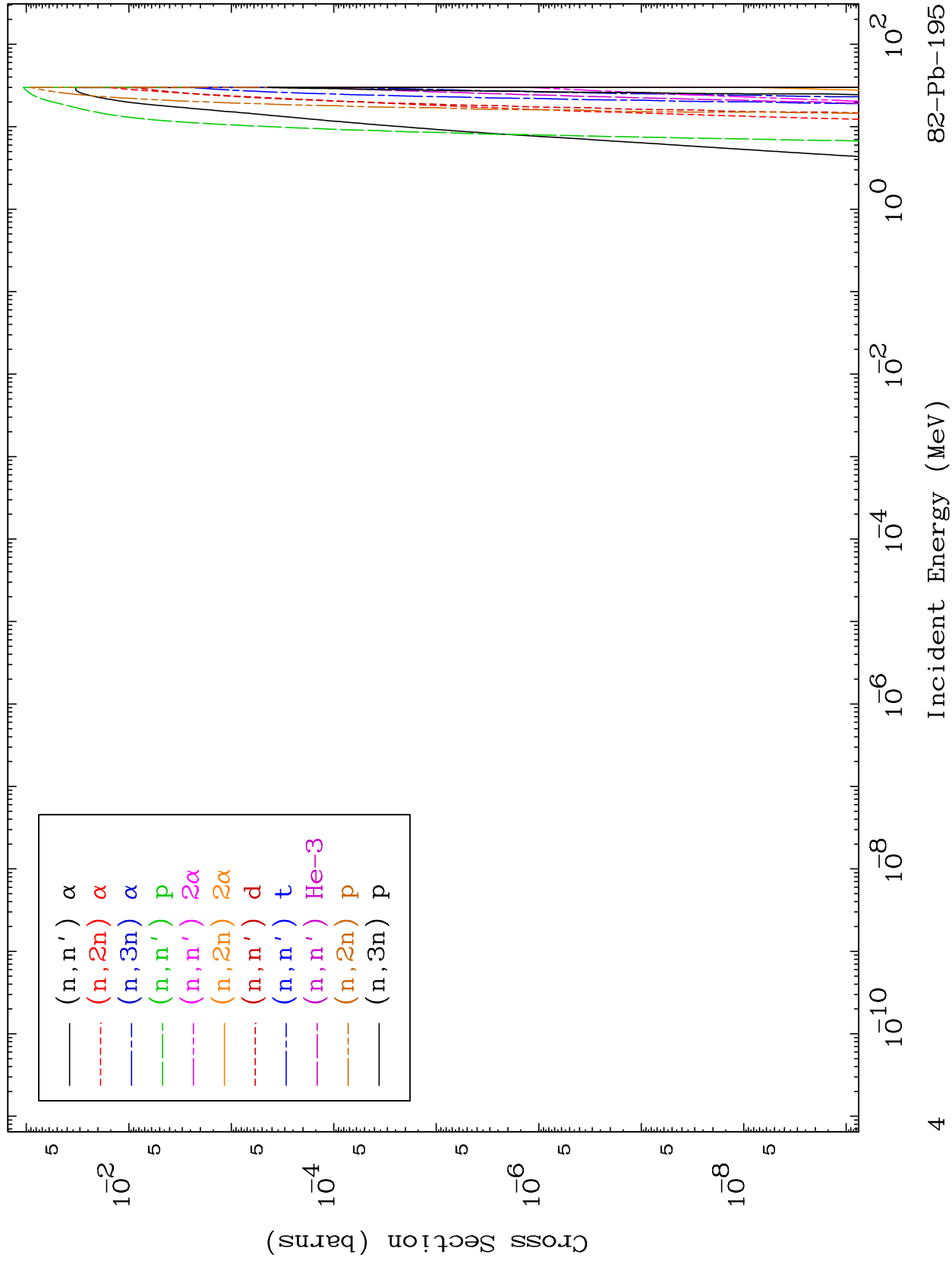
82-Pb-195



MAT 8198

Charged Particle  
293 Kelvin Cross Sections

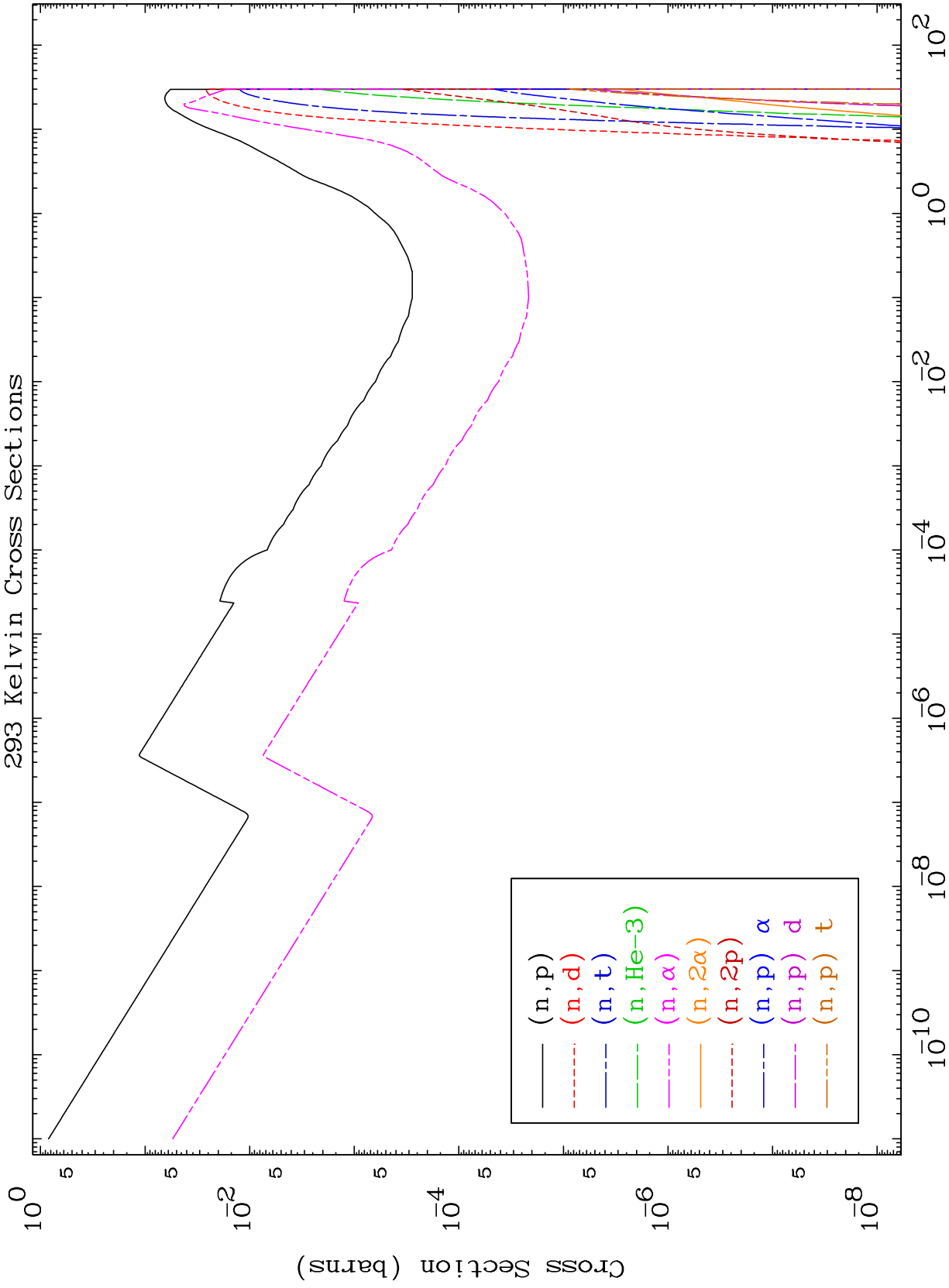
82-Pb-195



MAT 8198

293 Kelvin Cross Sections

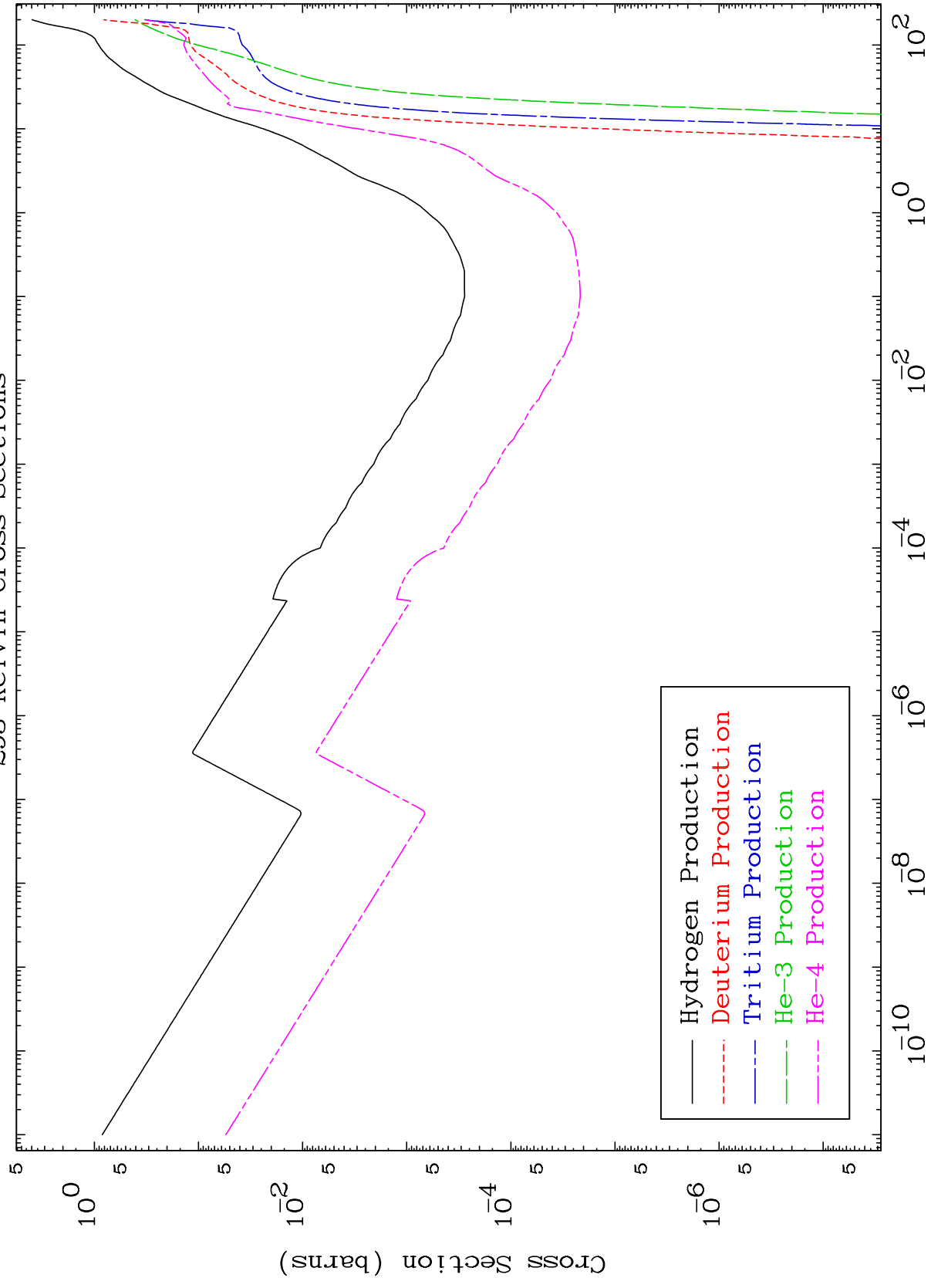
82-Pb-195



5

Incident Energy (MeV)

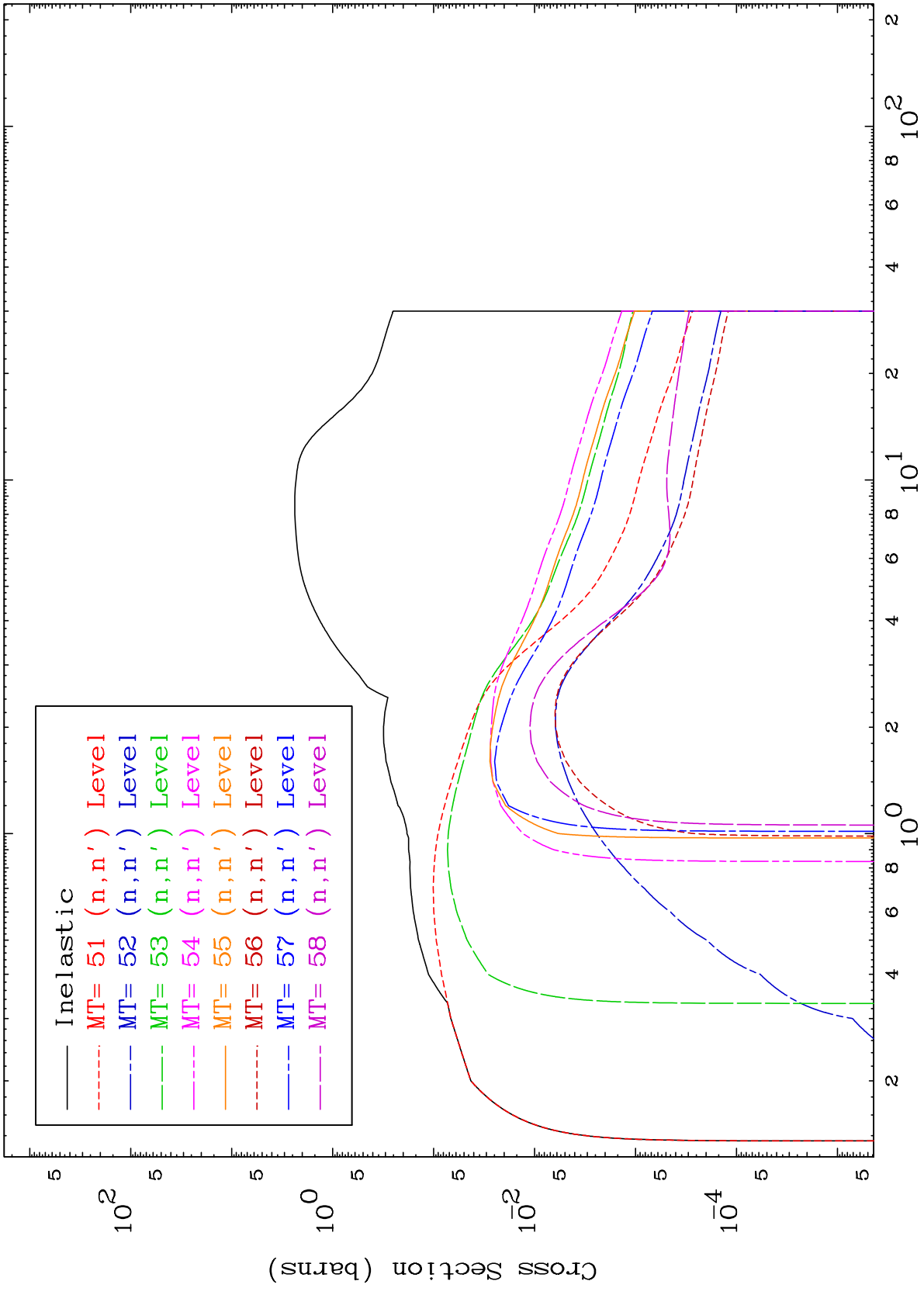
82-Pb-195



MAT 8198

(n,n') Level  
293 Kelvin Cross Sections

82-Pb-195

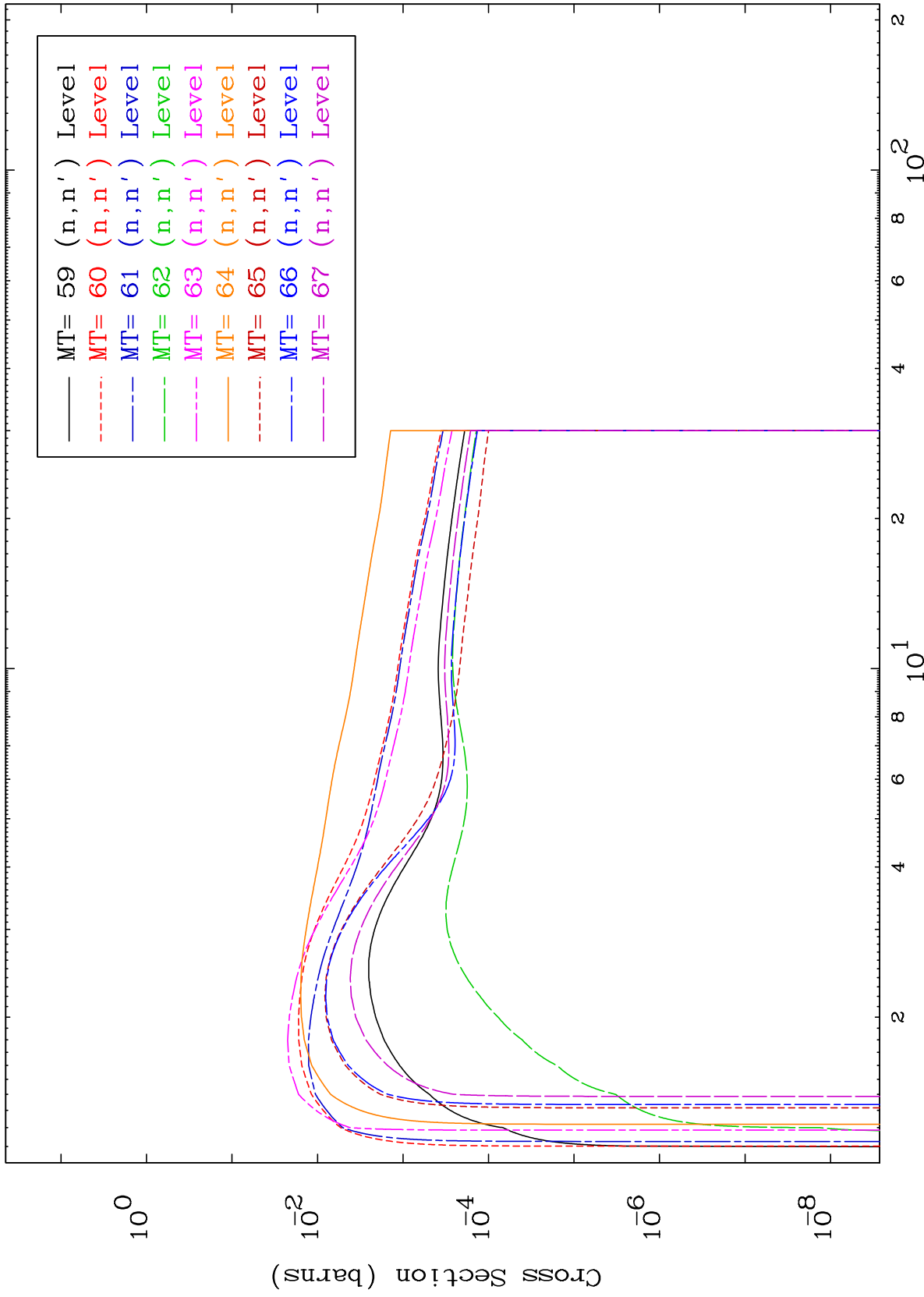




MAT 8198

(n,n') Level  
293 Kelvin Cross Sections

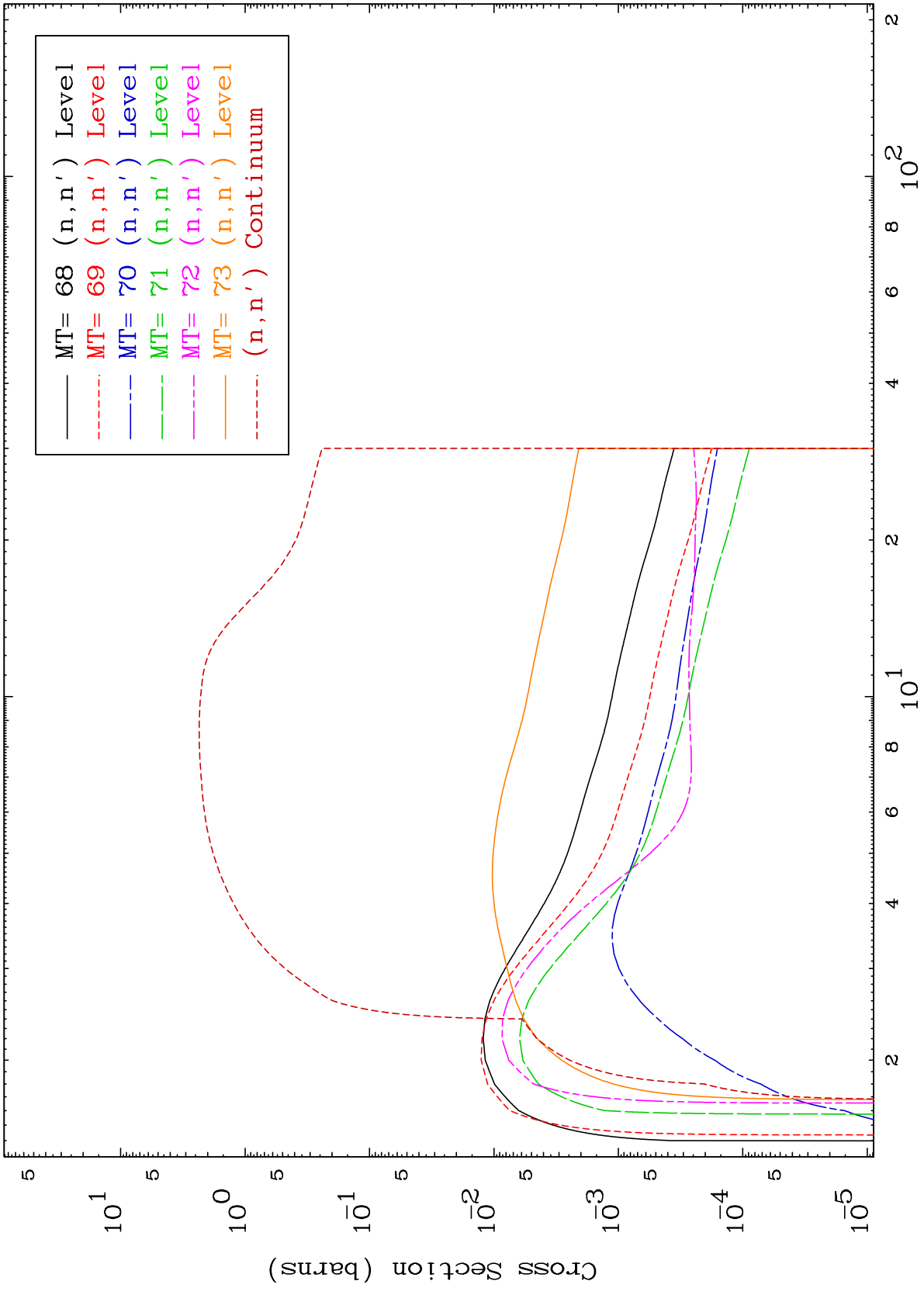
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8

Incident Energy (MeV)

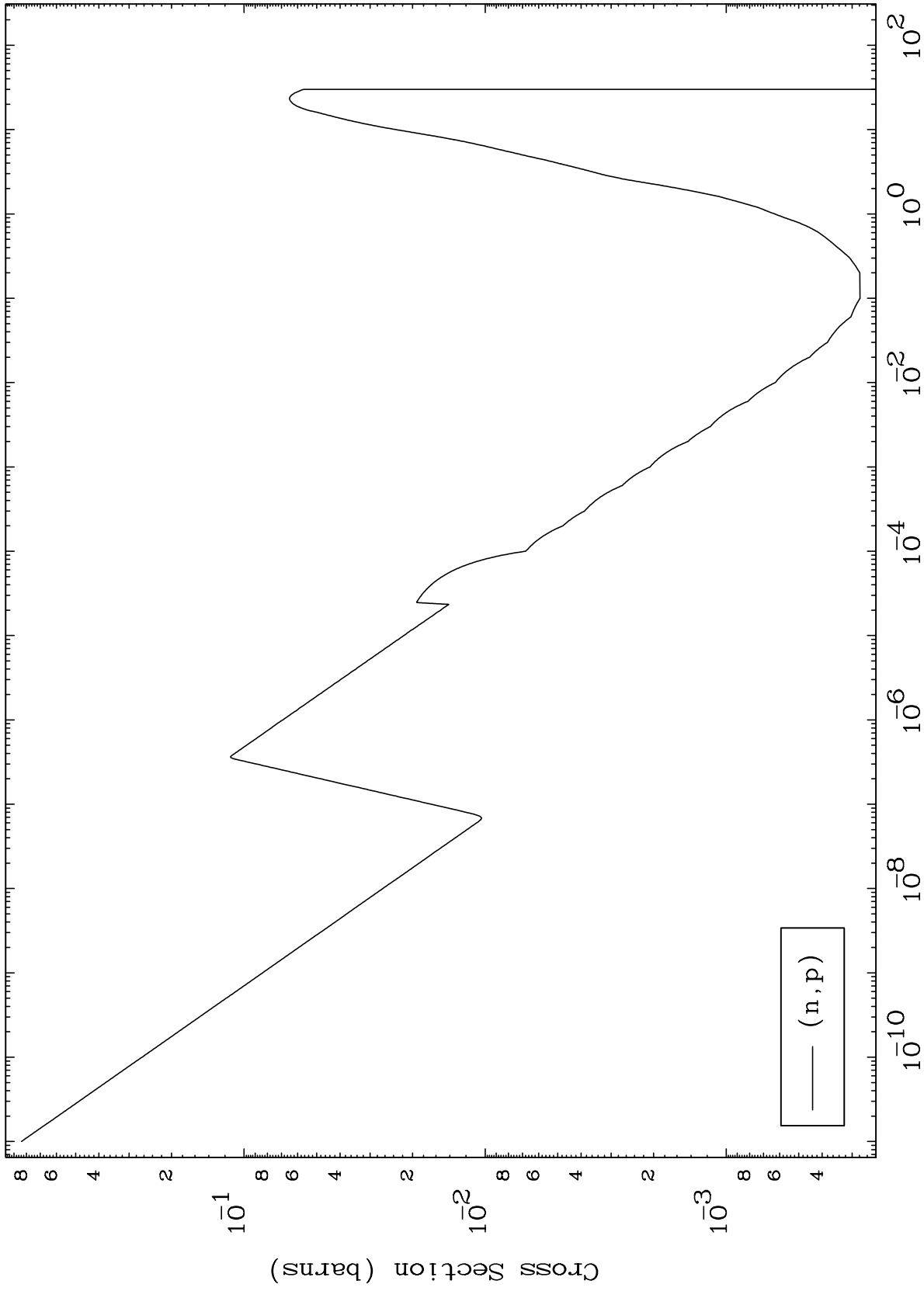
82-Pb-195



MAT 8198

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-195



10

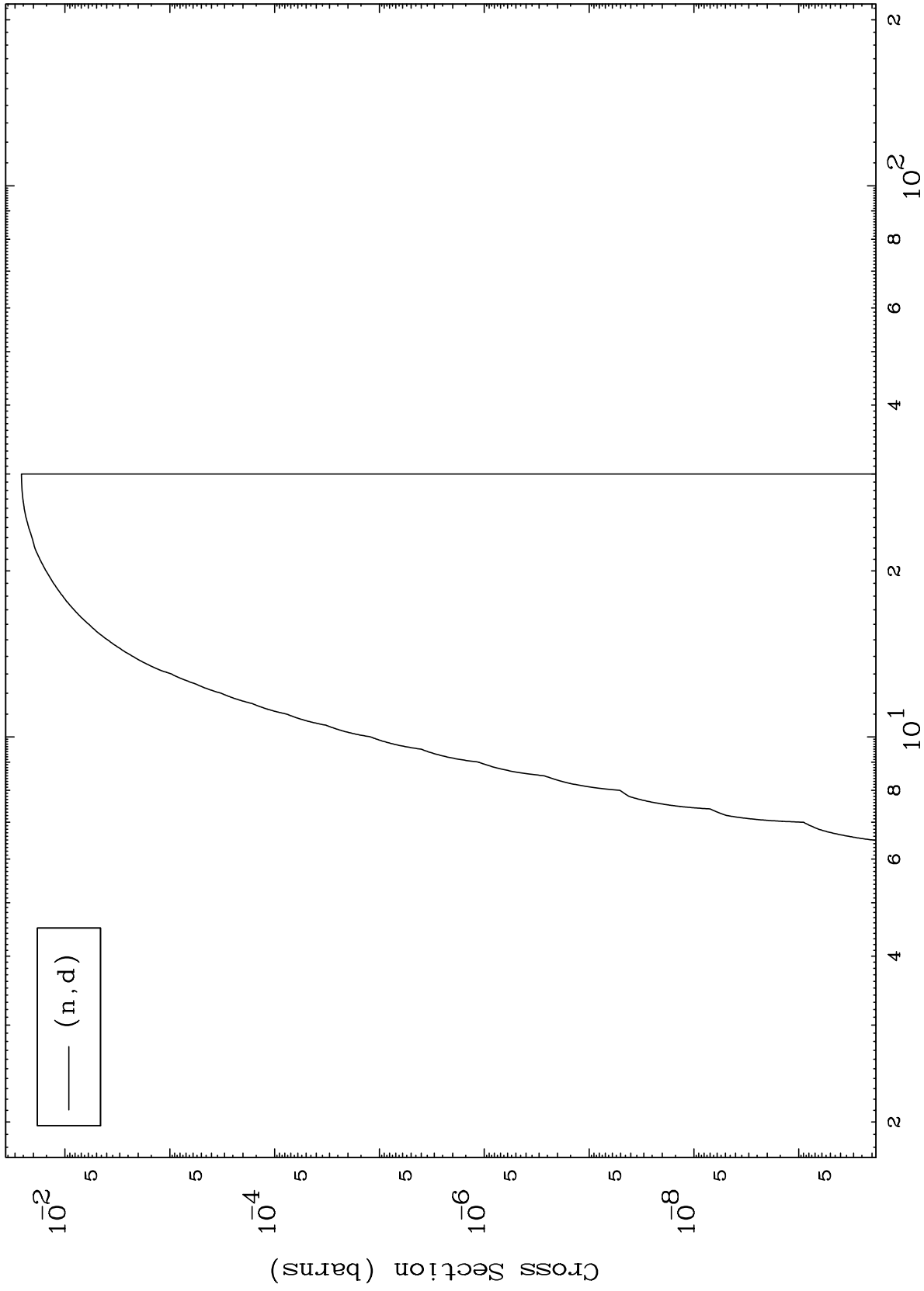
Incident Energy (MeV)

82-Pb-195

MAT 8198

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-195



11

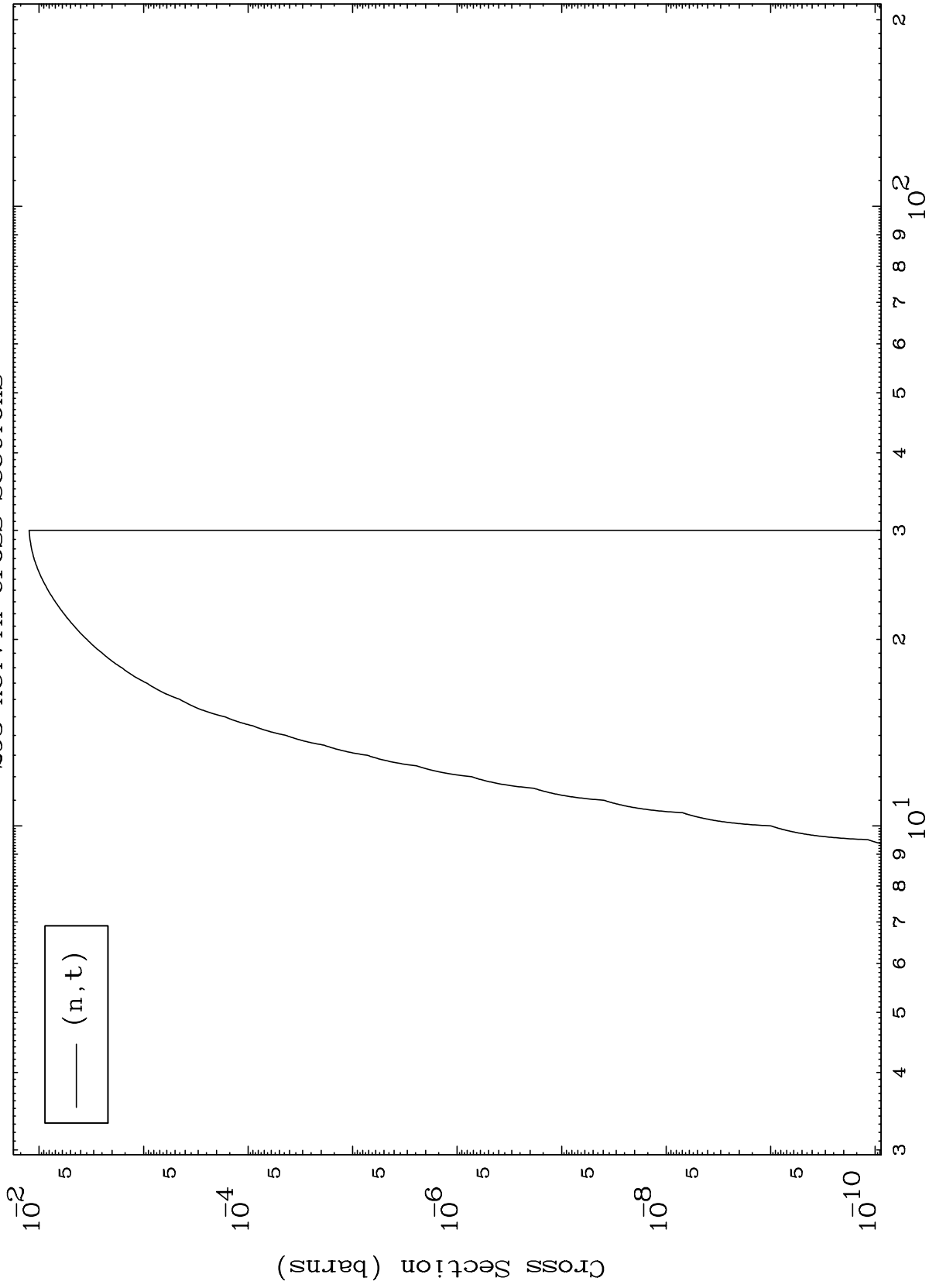
Incident Energy (MeV)

82-Pb-195

MAT 8198

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-195



12

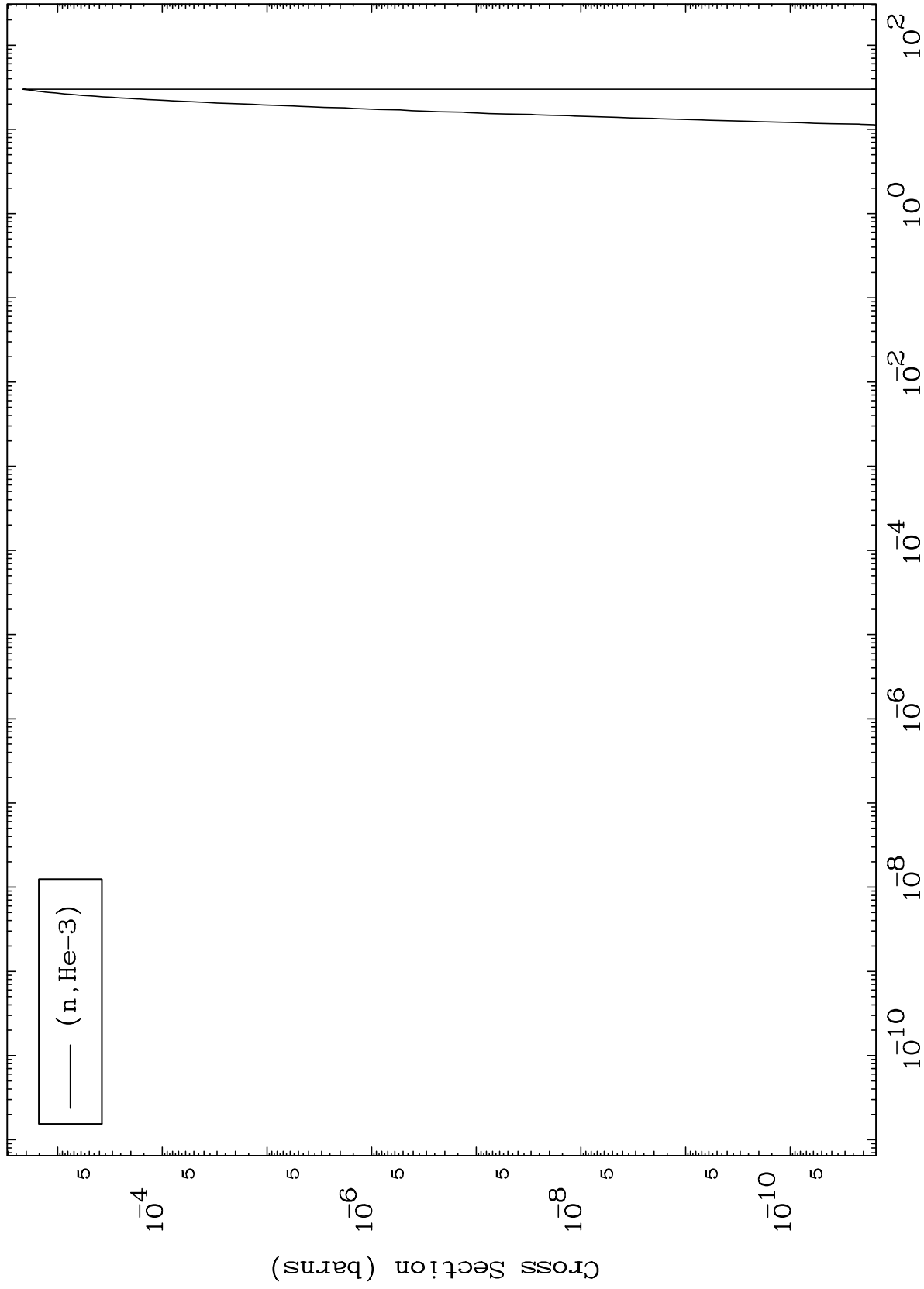
Incident Energy (MeV)

82-Pb-195

MAT 8198

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-195



13

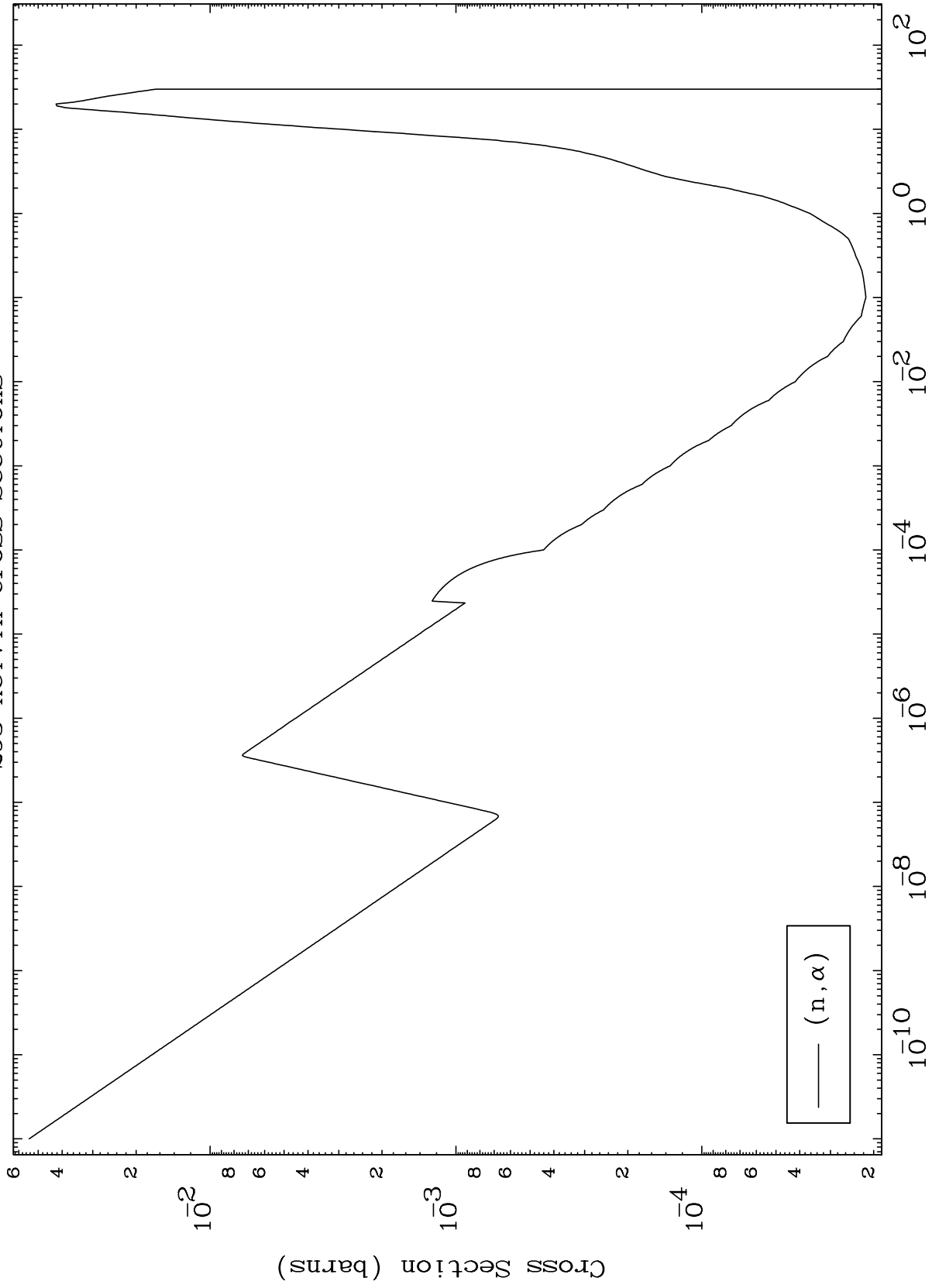
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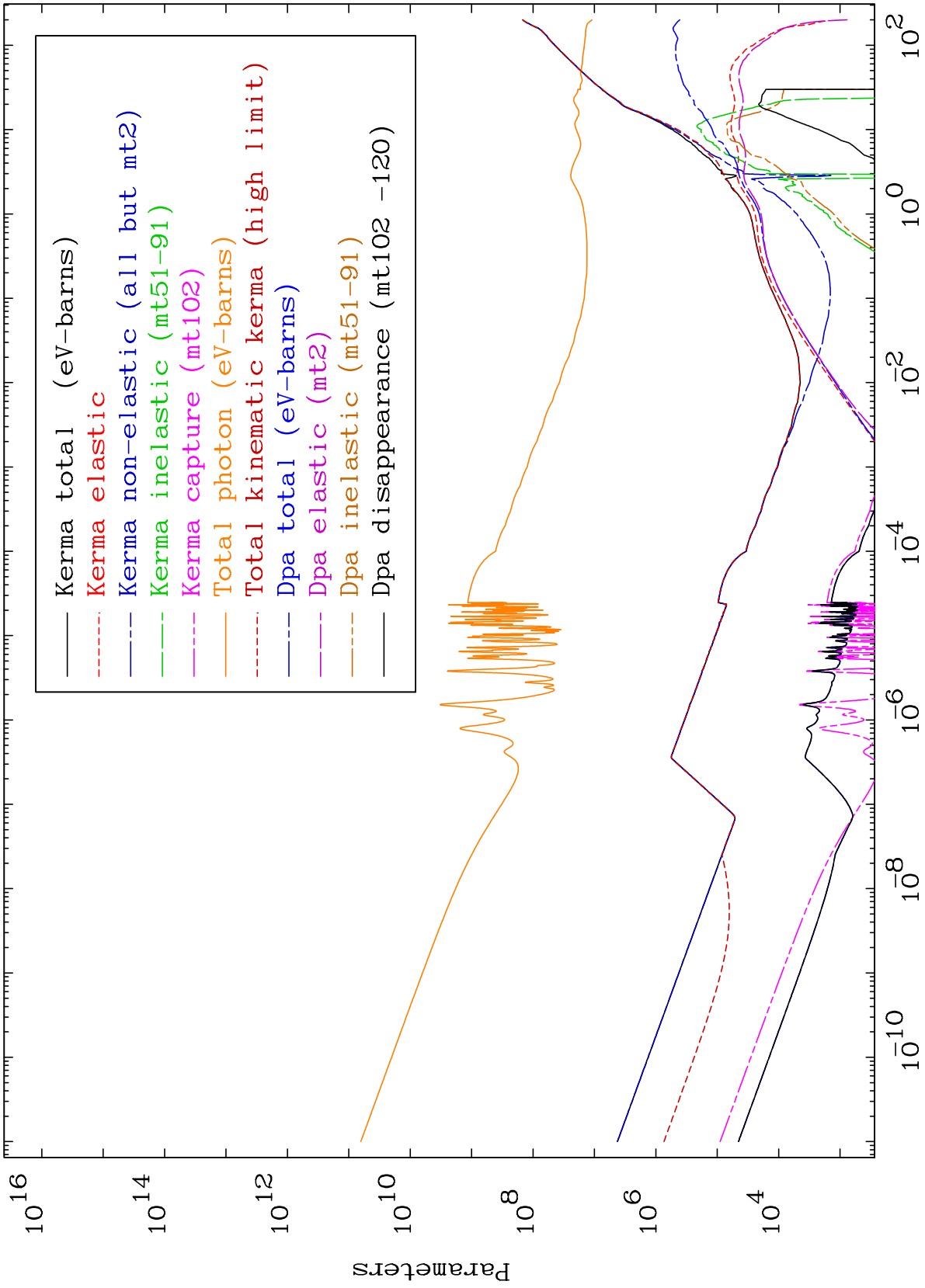
82-Pb-195

MAT 8198

(n,α) Levels  
293 Kelvin Cross Sections

82-Pb-195



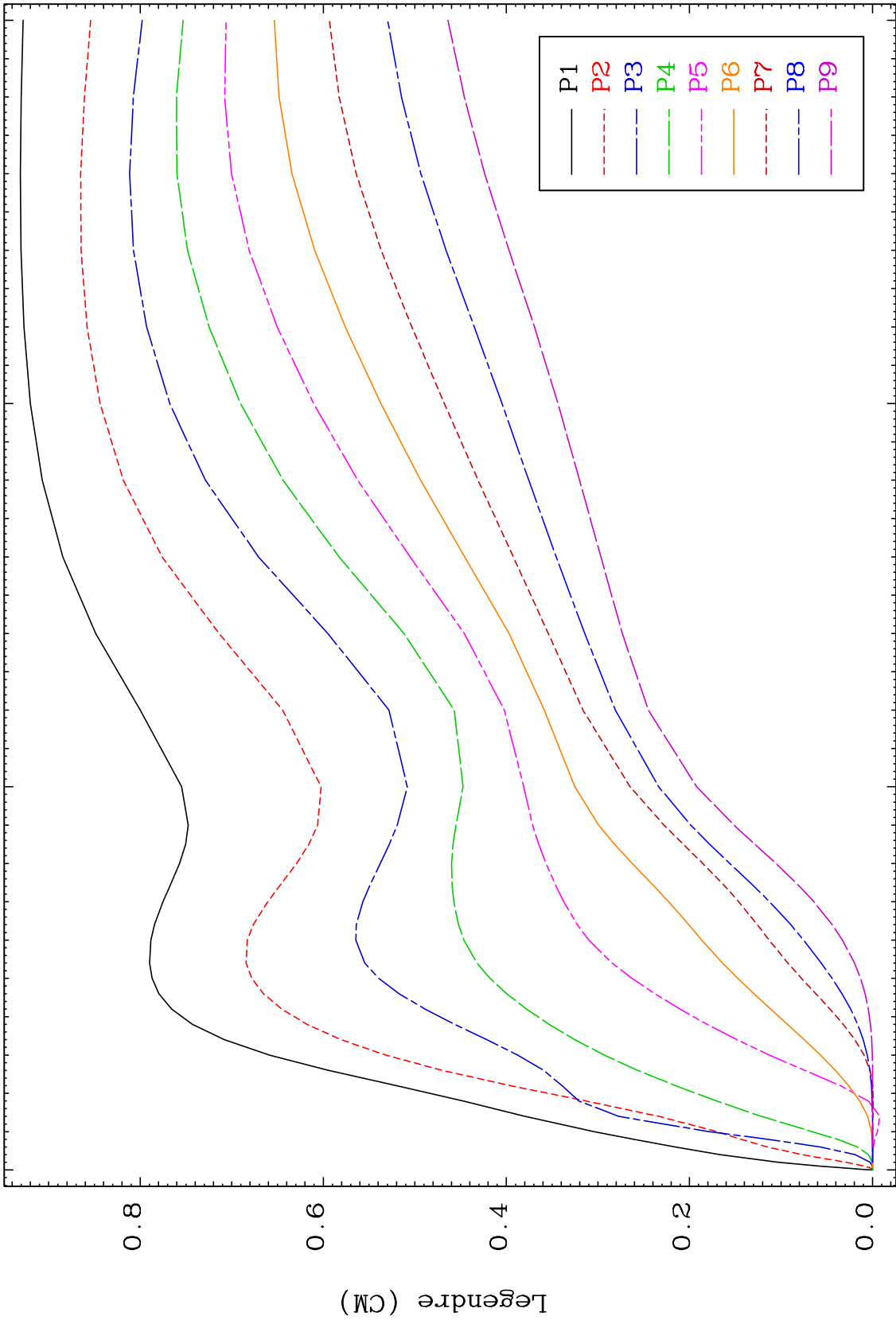




MAT 8198

Elastic Legendre Coefficients

82-Pb-195



16

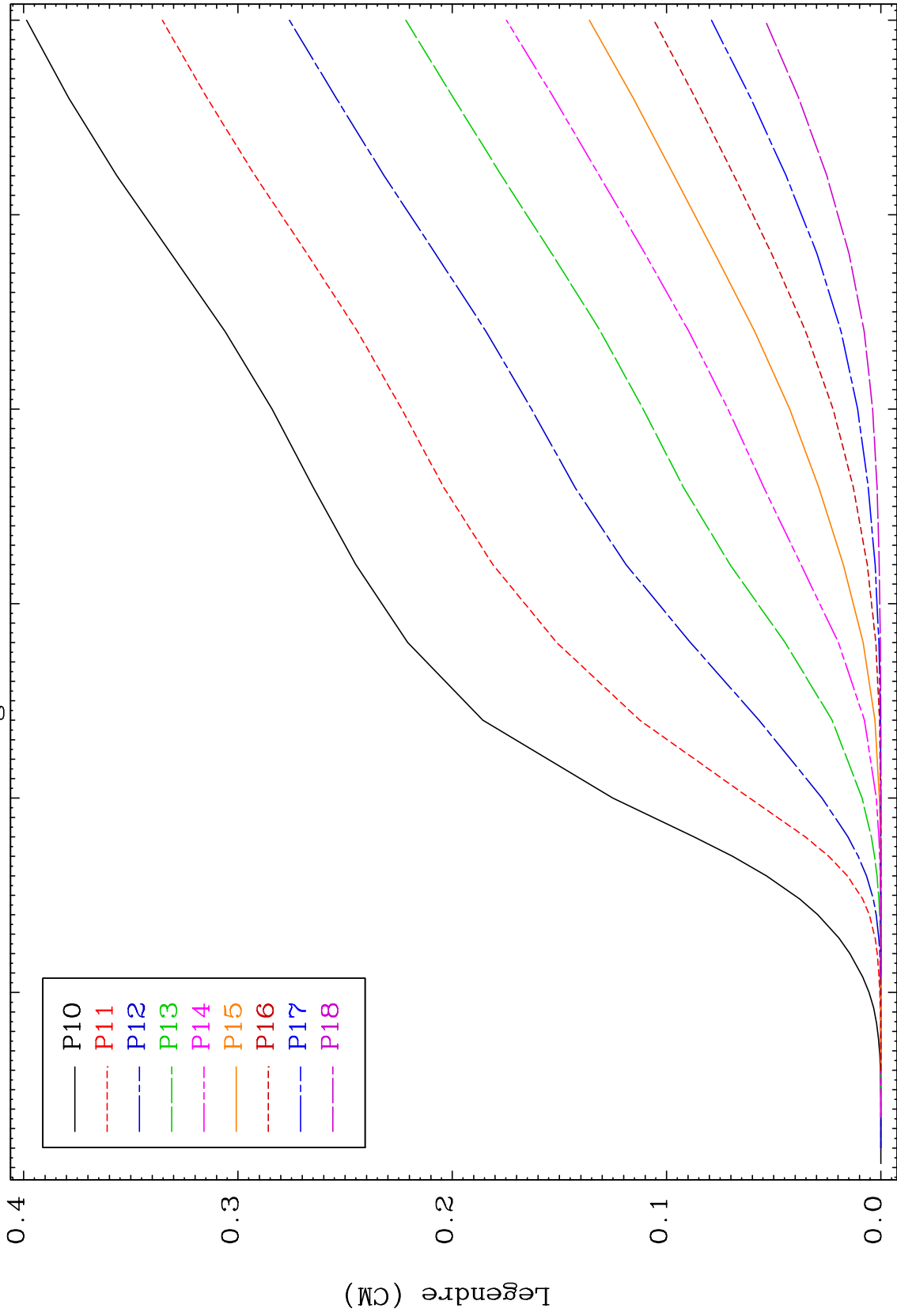
Incident Energy (MeV)

82-Pb-195

MAT 8198

Elastic Legendre Coefficients

82-Pb-195



17

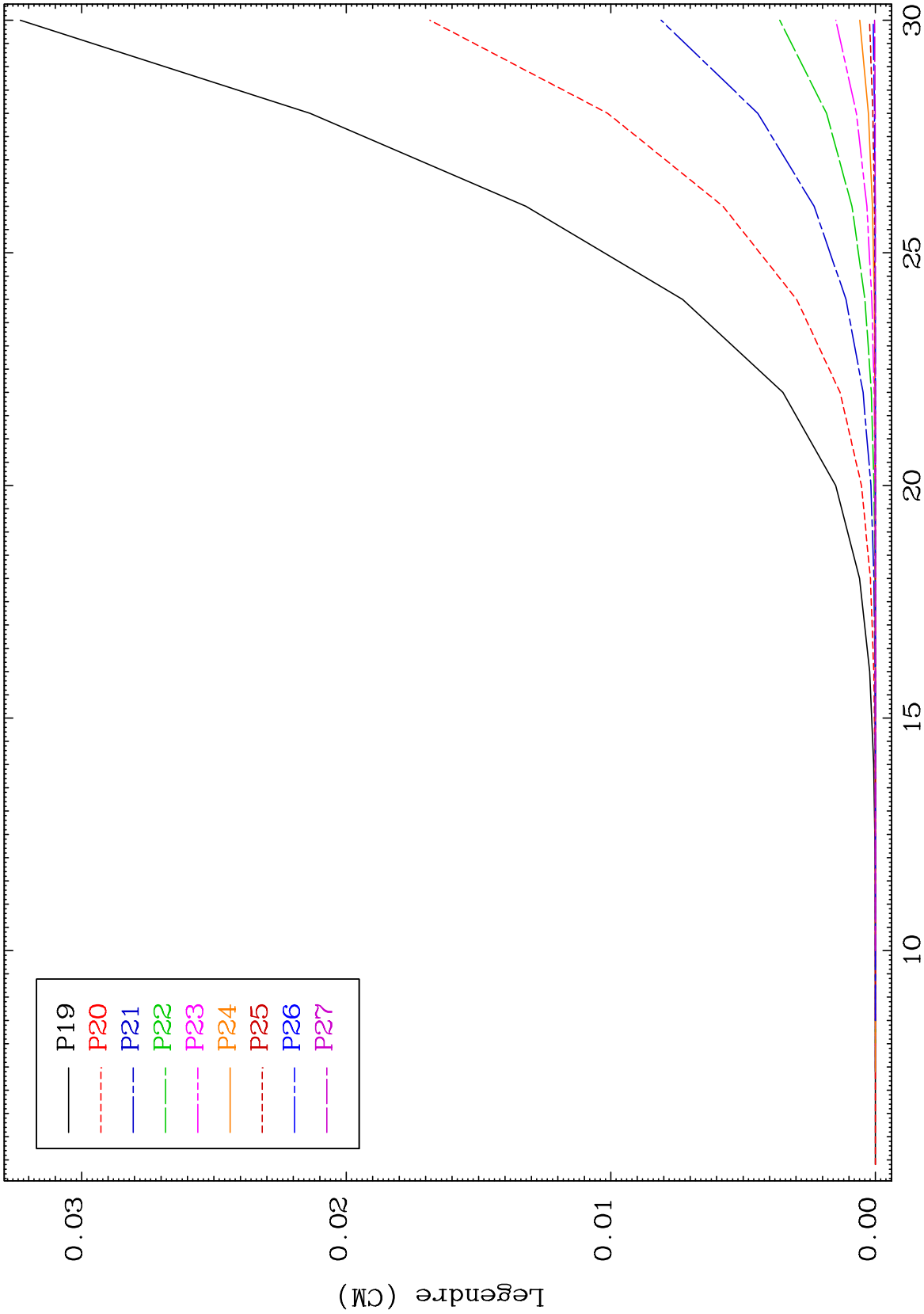
Incident Energy (MeV)

82-Pb-195

MAT 8198

### Elastic Legendre Coefficients

82-Pb-195



18

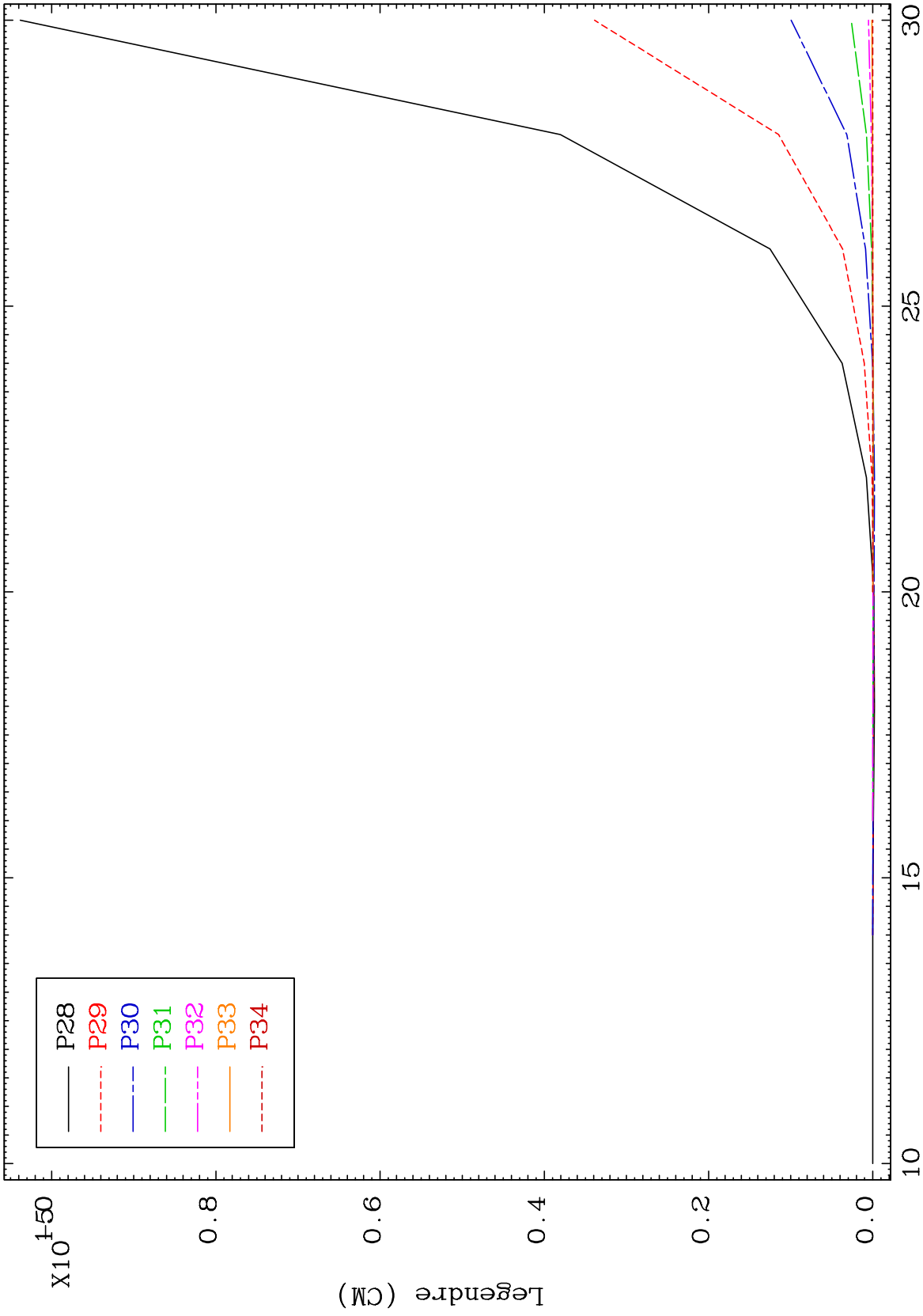
Incident Energy (MeV)

82-Pb-195

MAT 8198

Elastic Legendre Coefficients

82-Pb-195



19

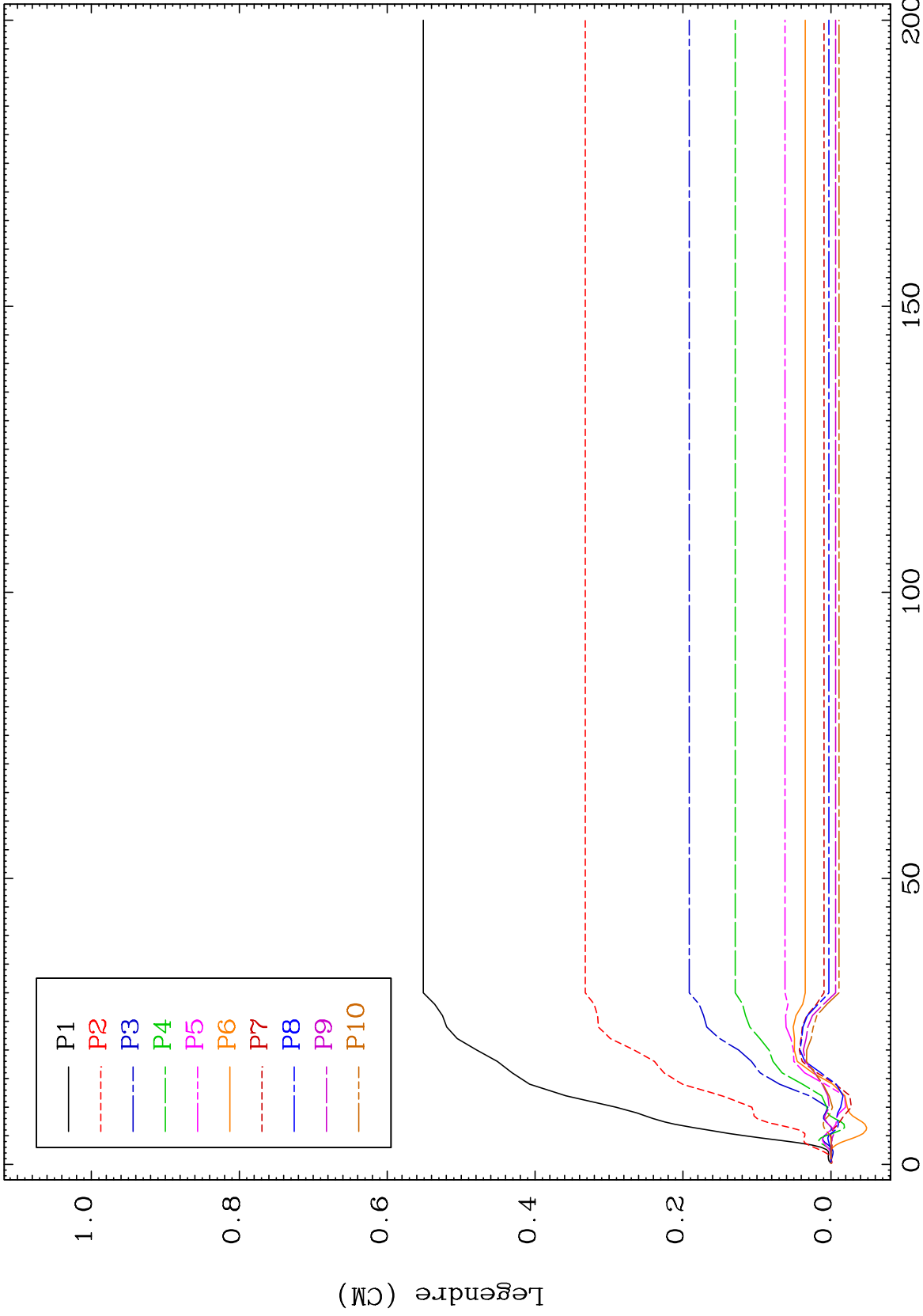
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



82-Pb-195

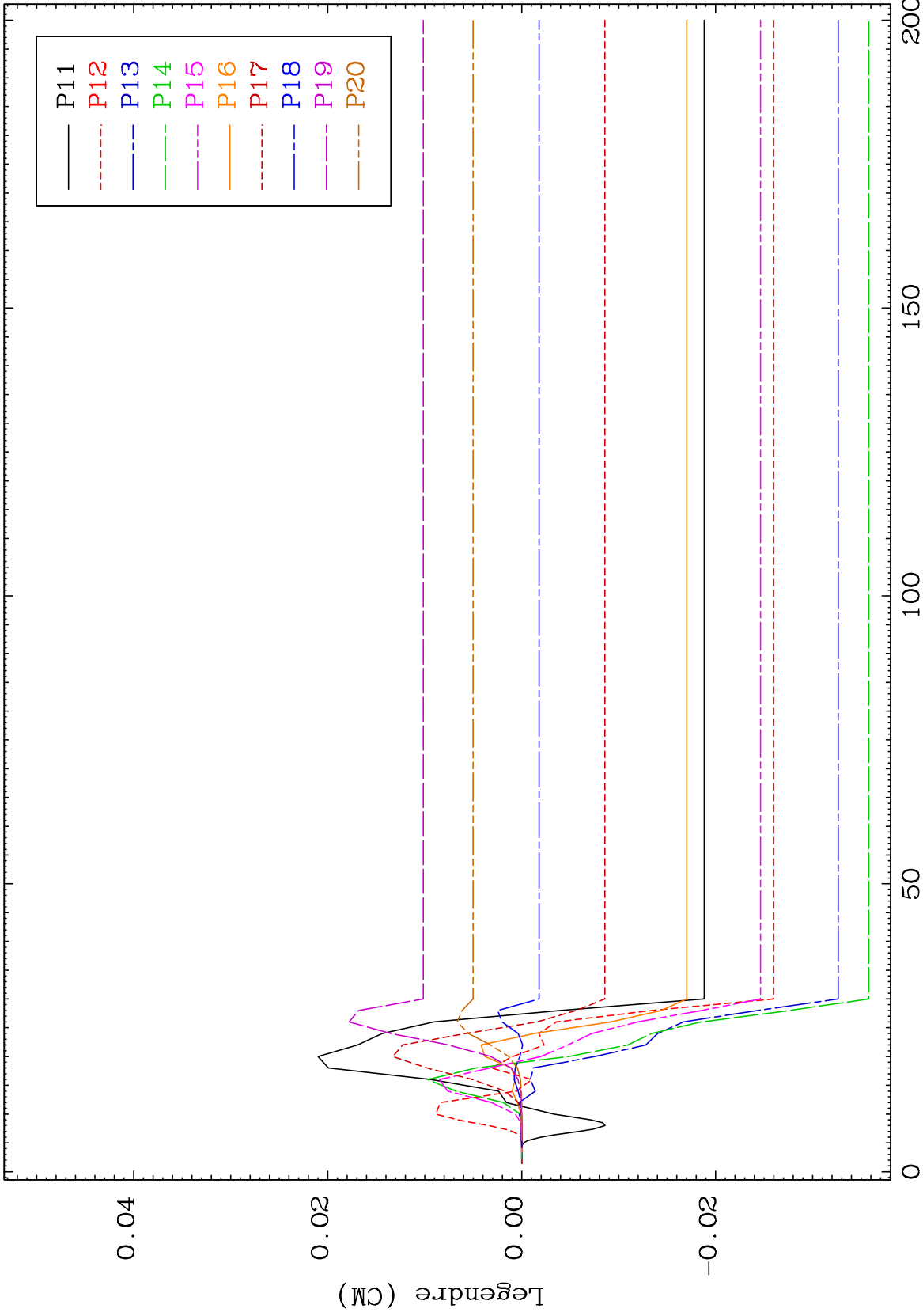
Incident Energy (MeV)

20

MAT 8198

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

82-Pb-195



21

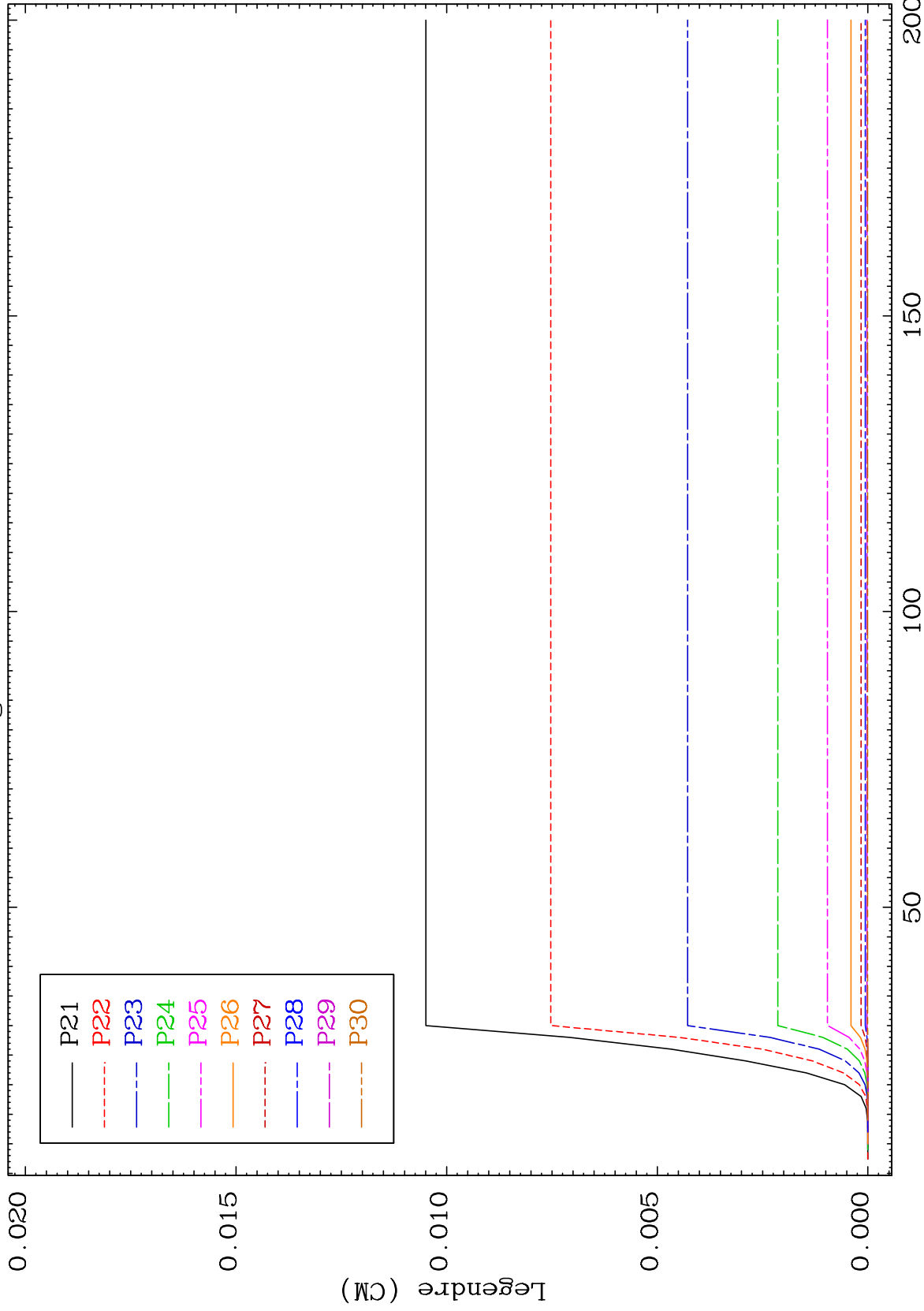
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



22

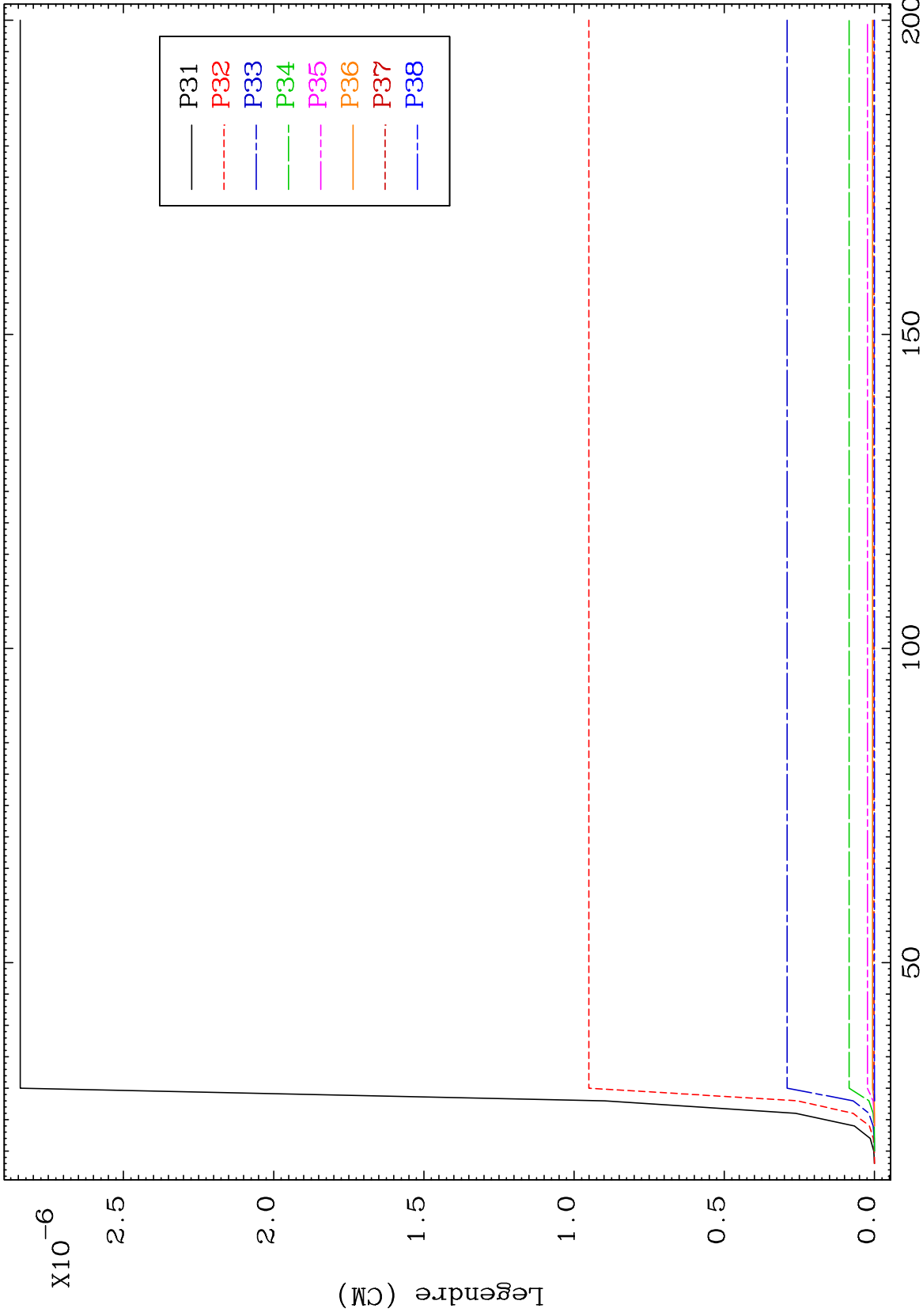
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



23

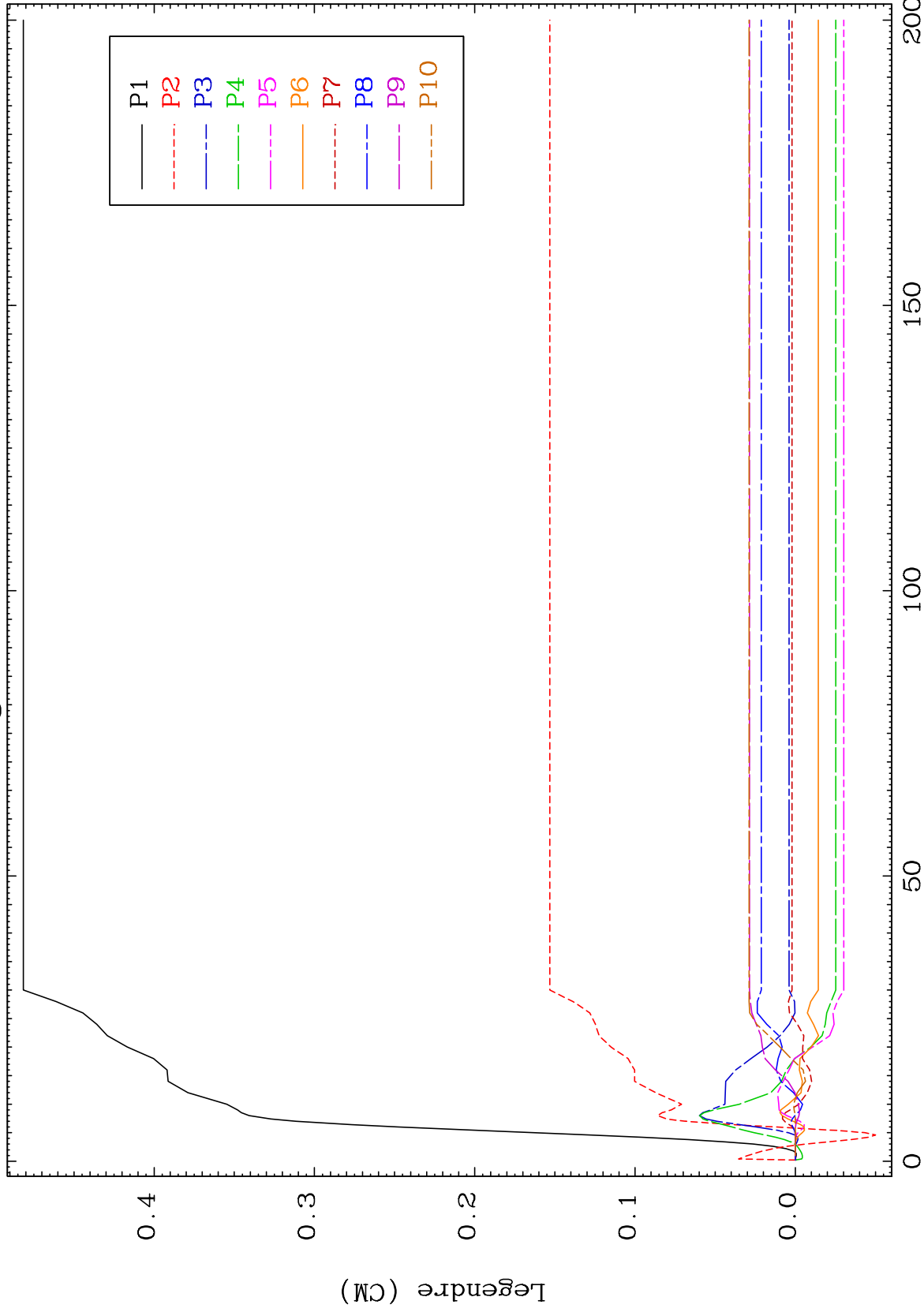
82-Pb-195



MAT 8198

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

82-Pb-195



24

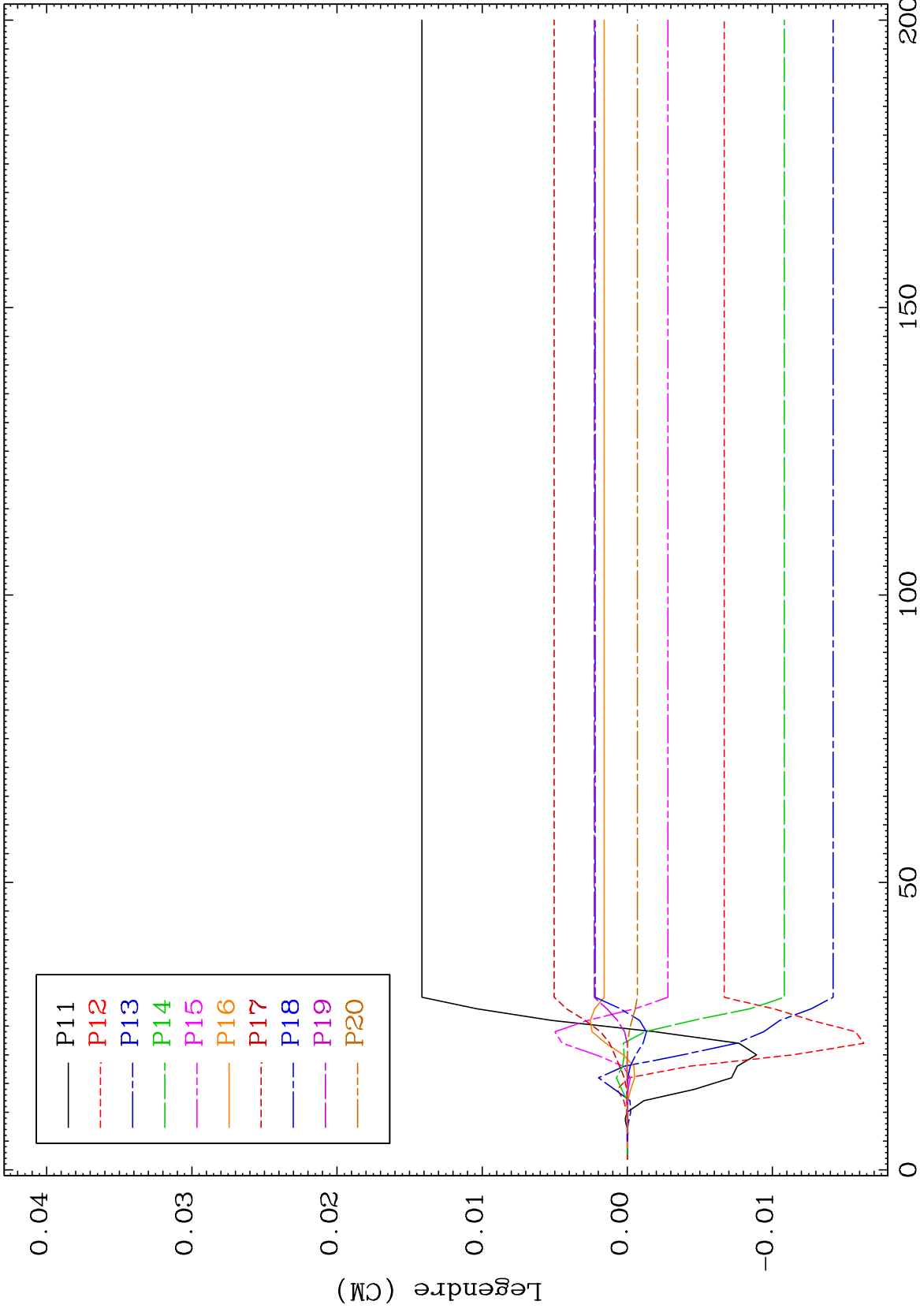
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



25

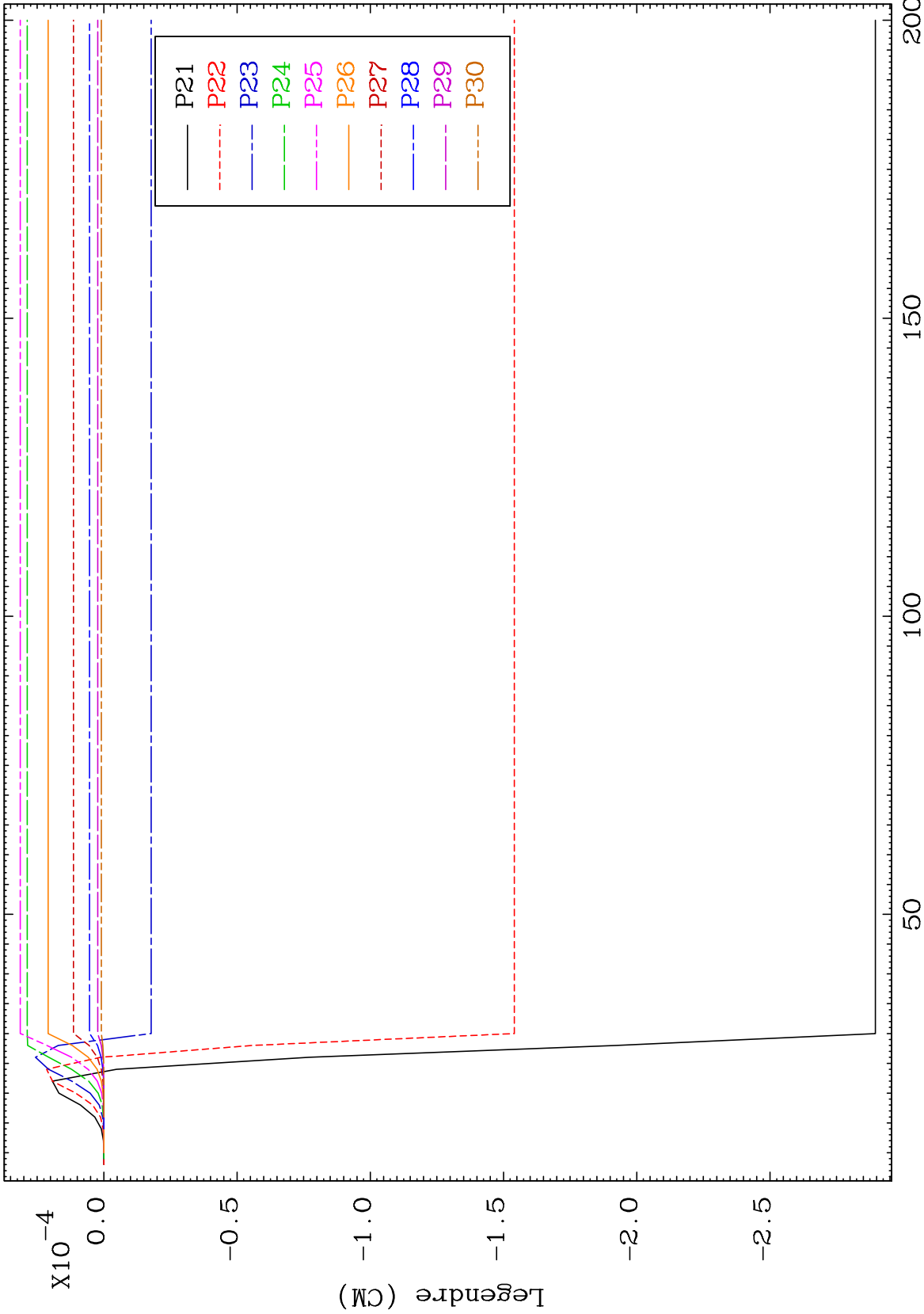
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



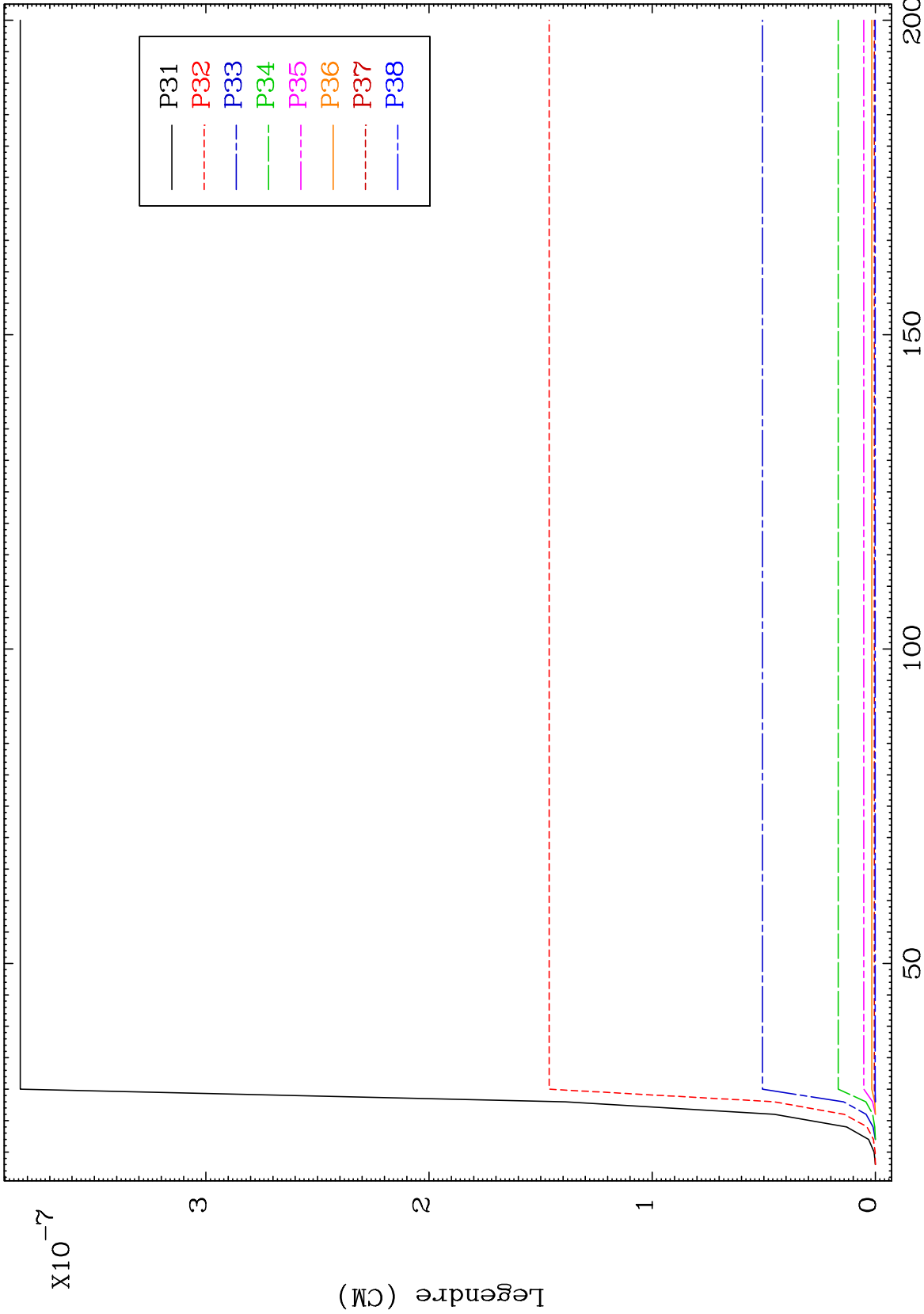
26

82-Pb-195

MAT 8198

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

82-Pb-195



27

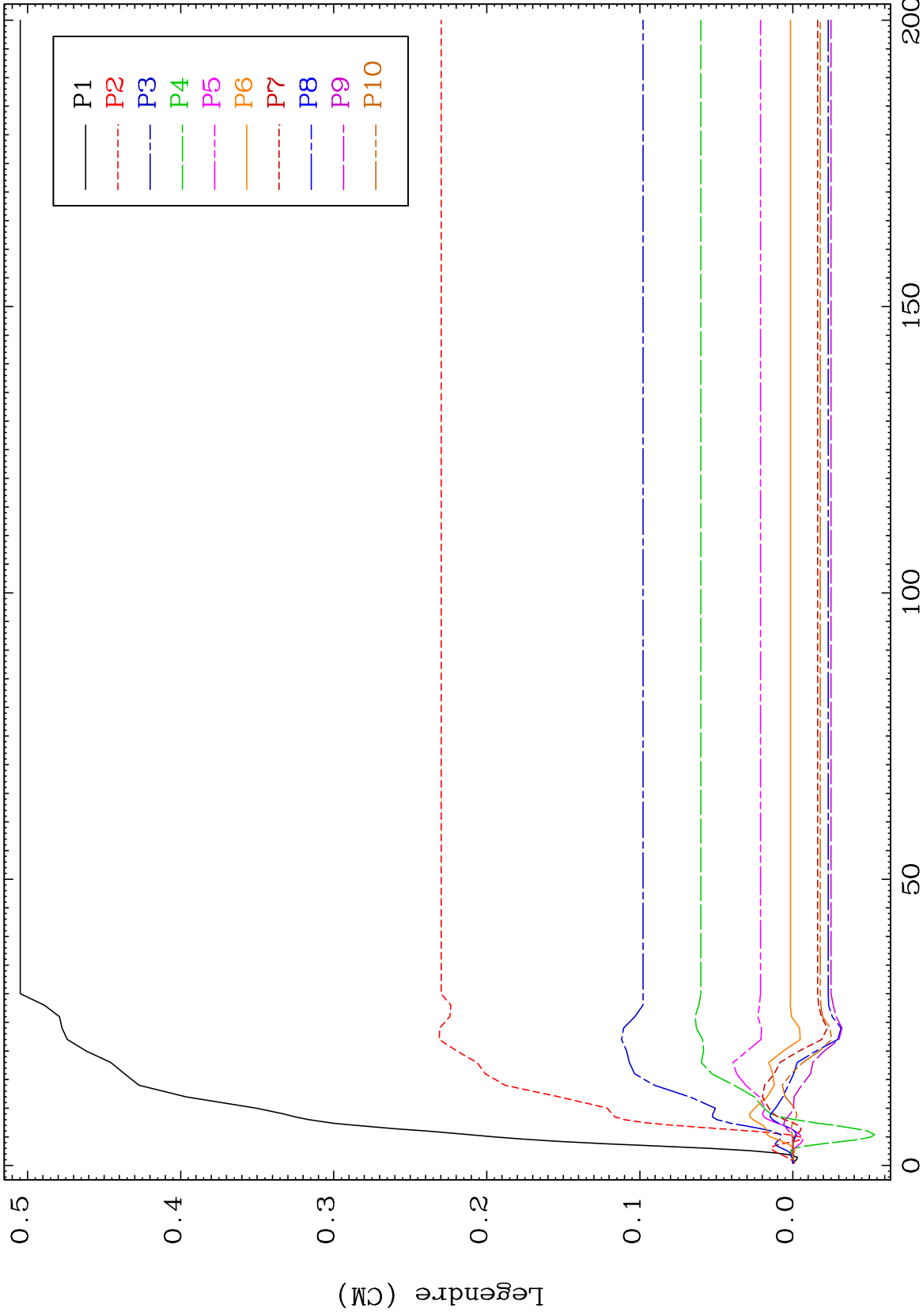
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



28

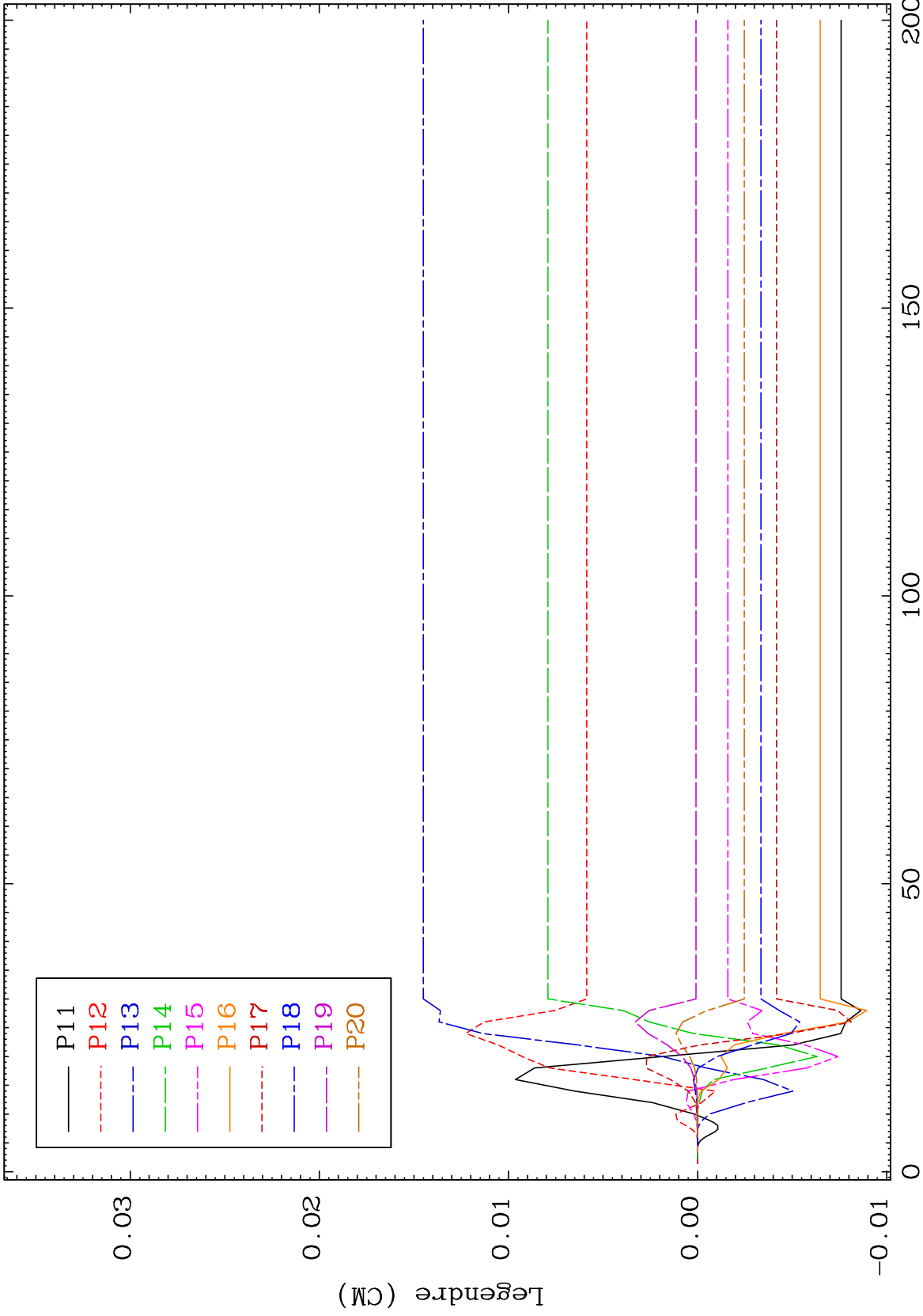
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



29

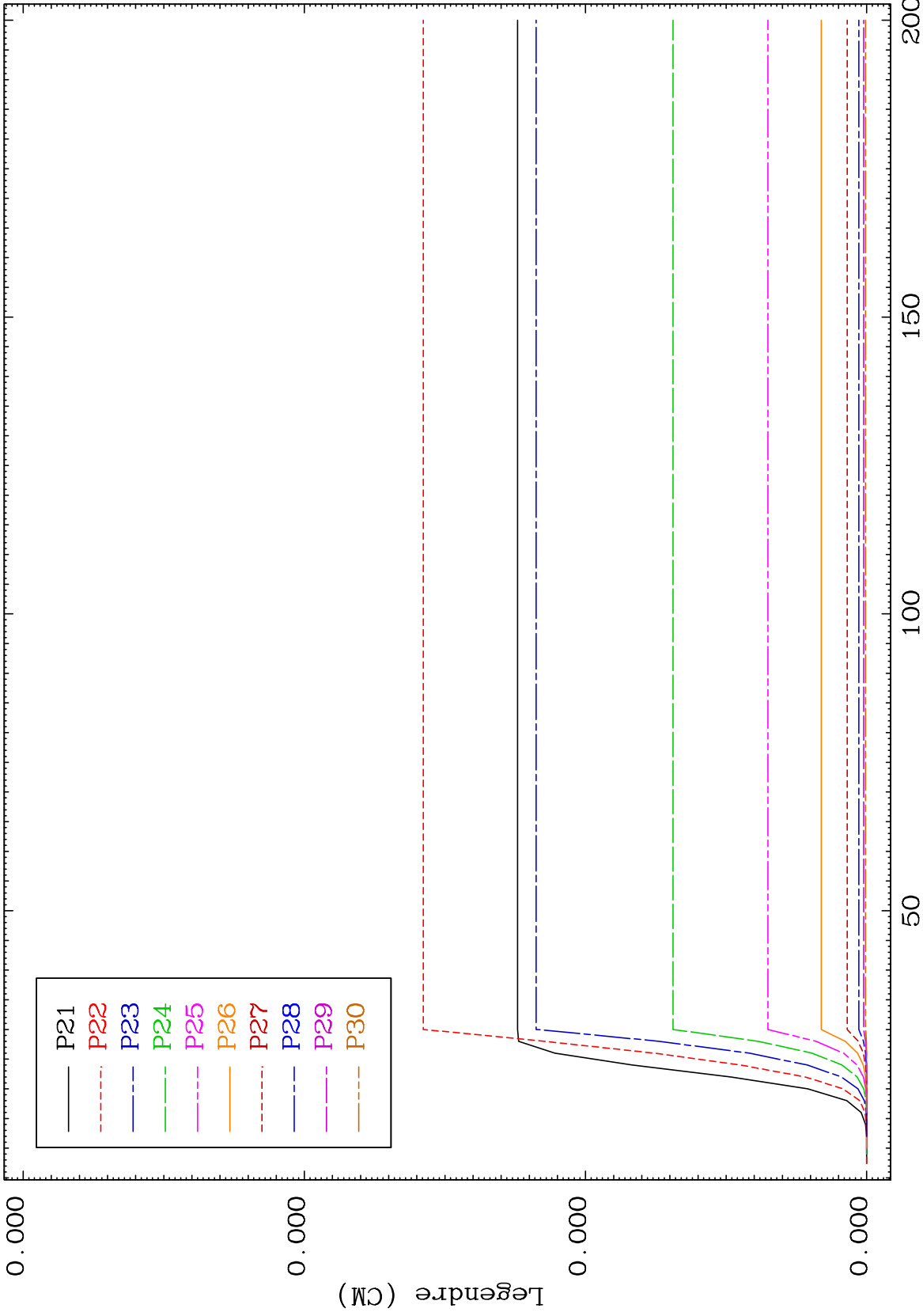
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



30

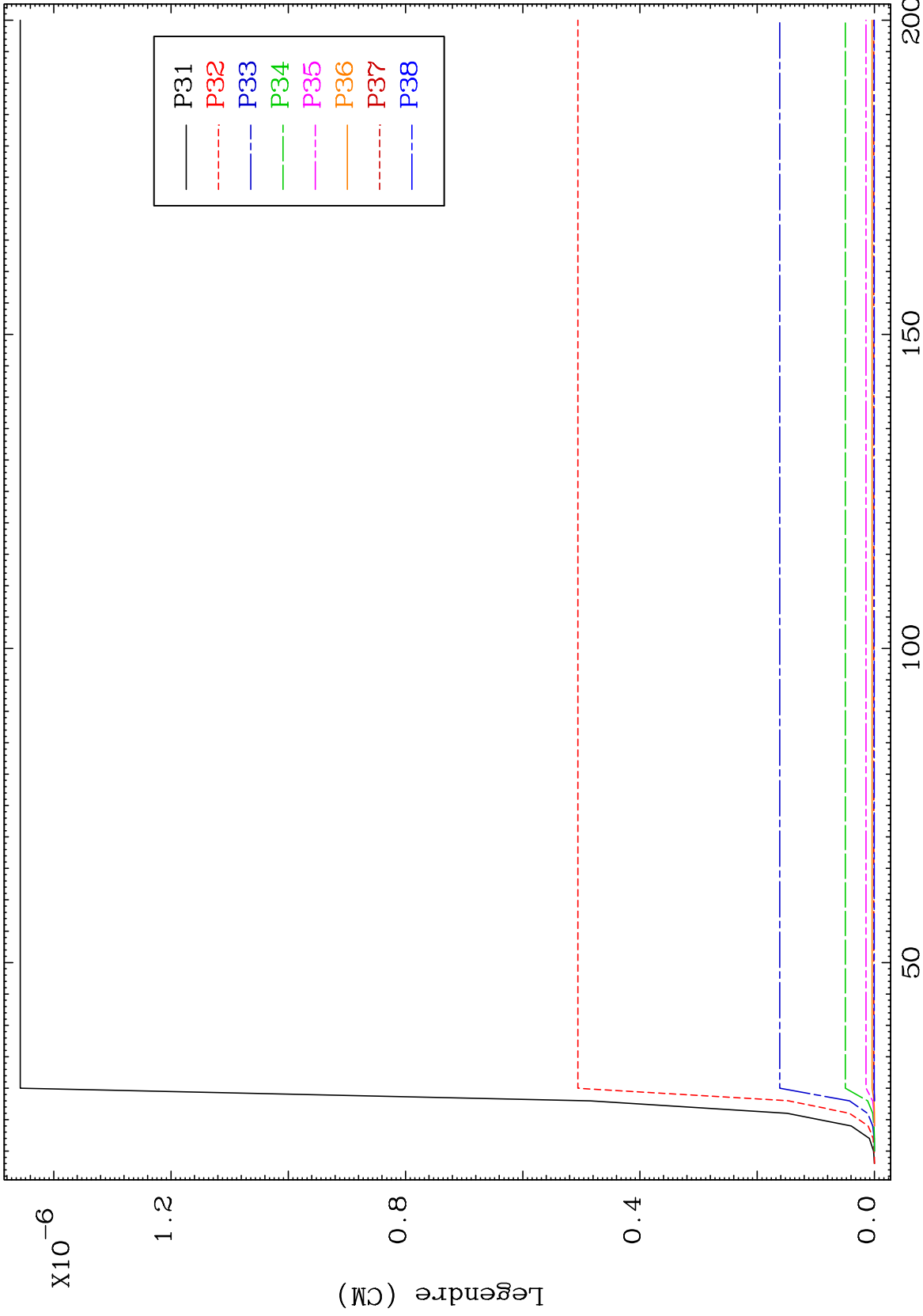
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



31

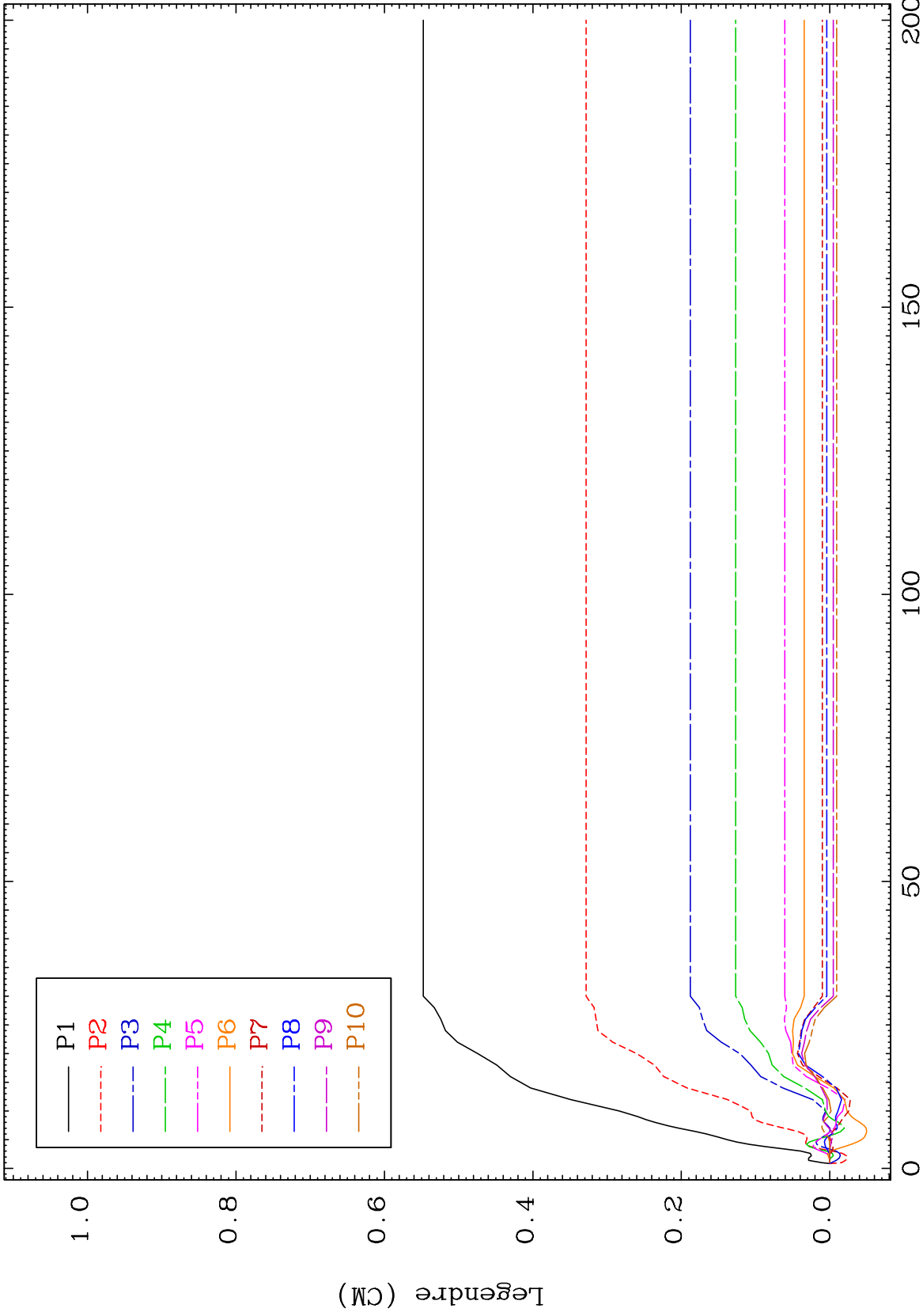
82-Pb-195



MAT 8198

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

82-Pb-195



32

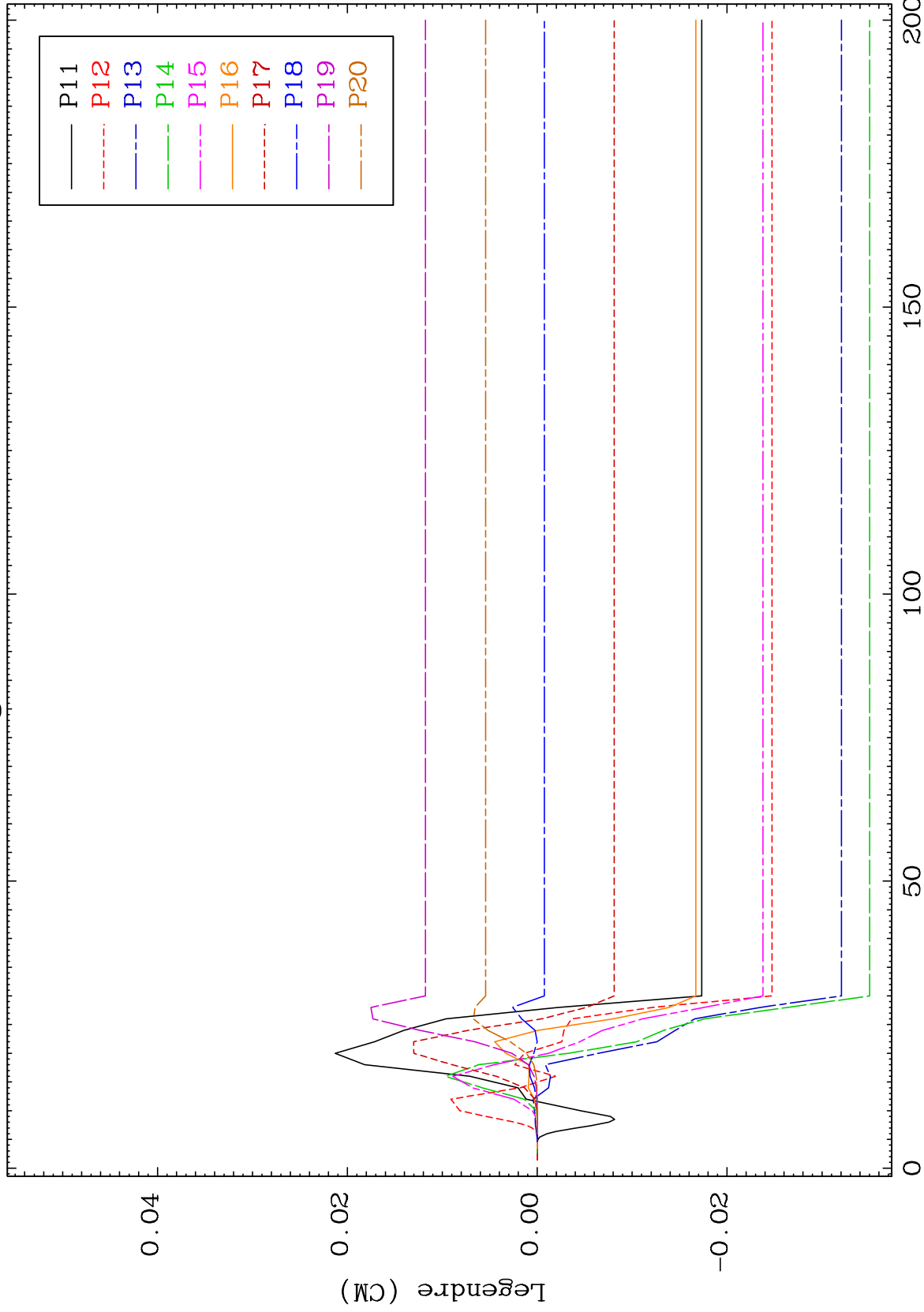
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



33

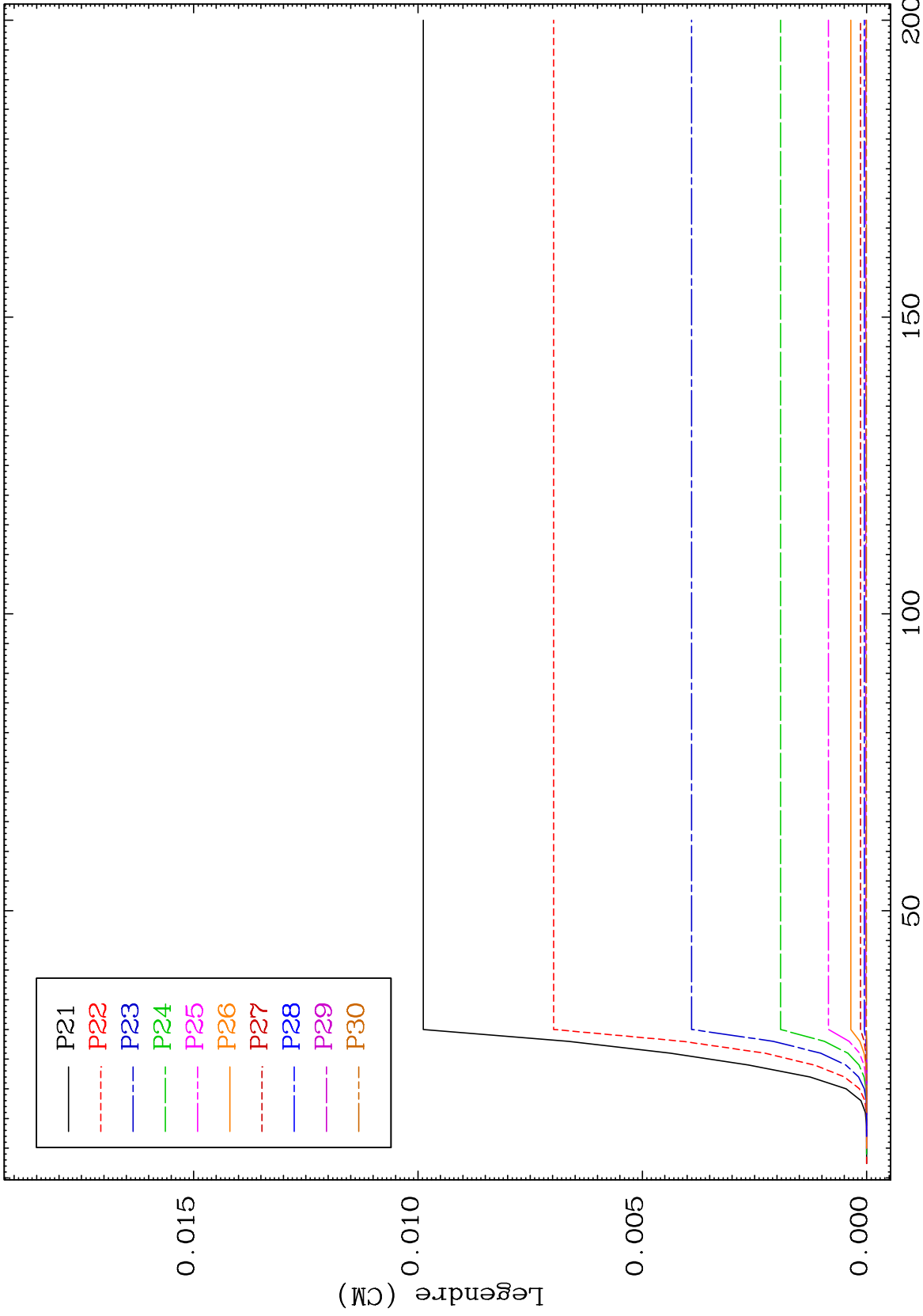
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



34

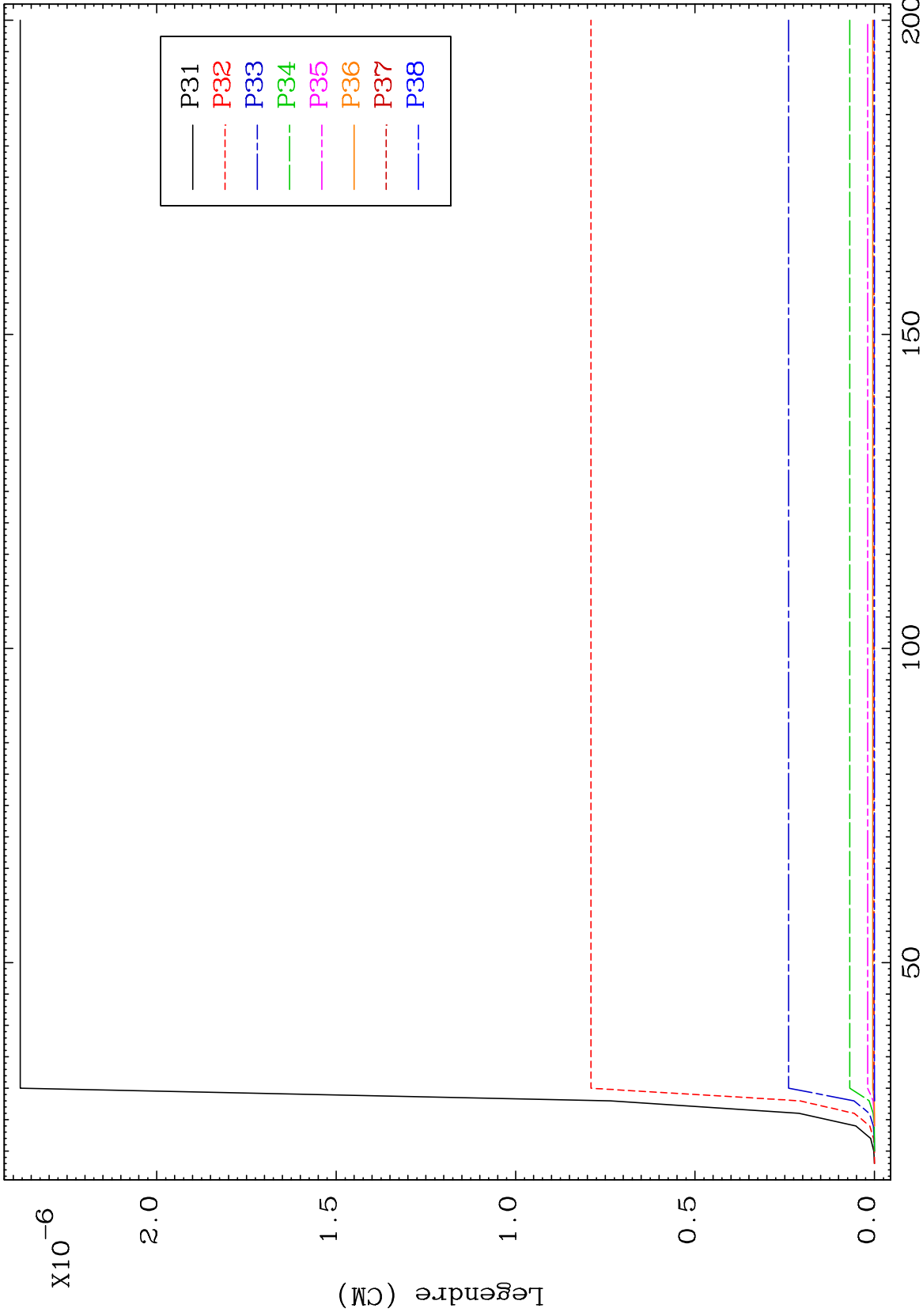
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



35

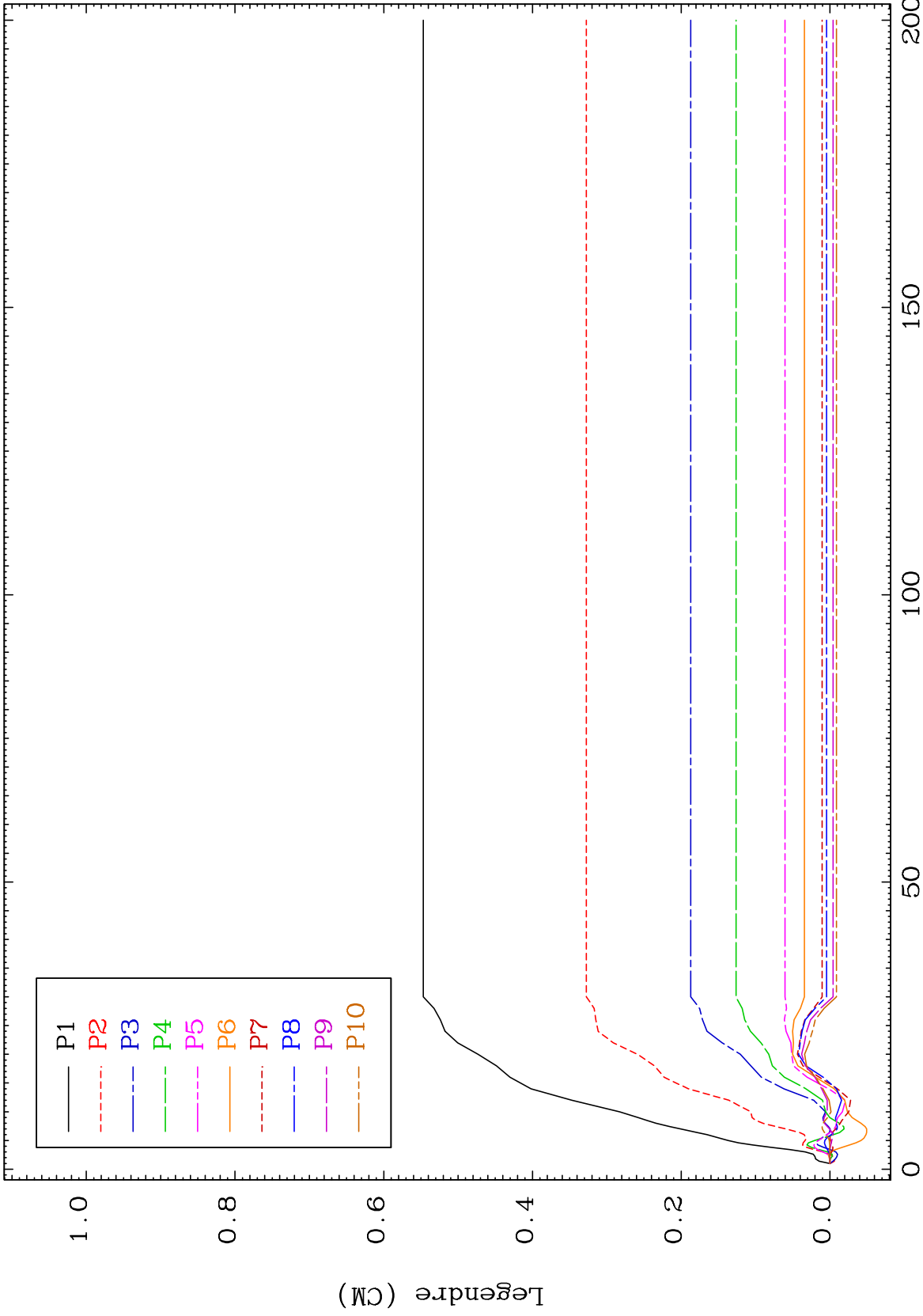
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



36

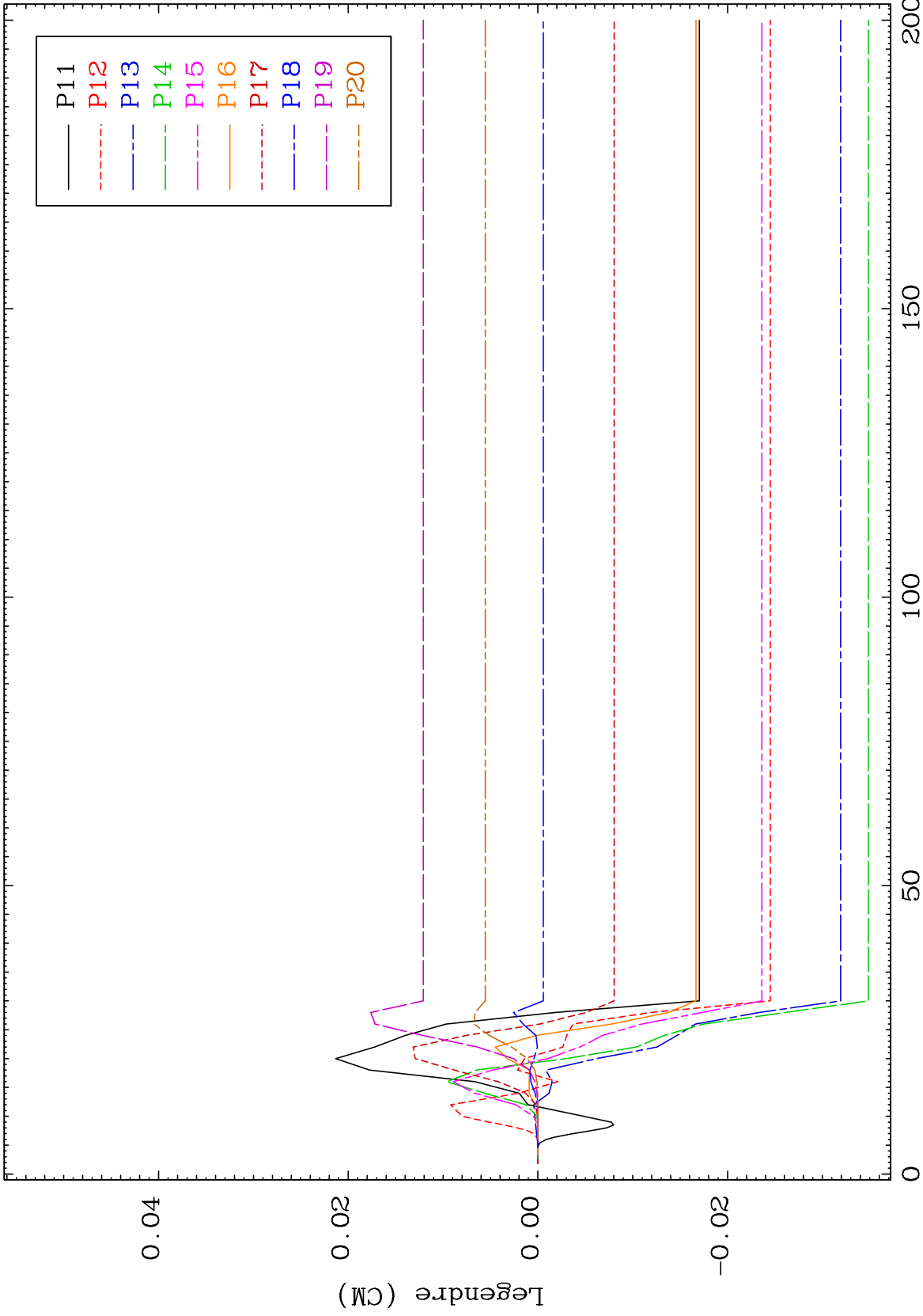
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



37

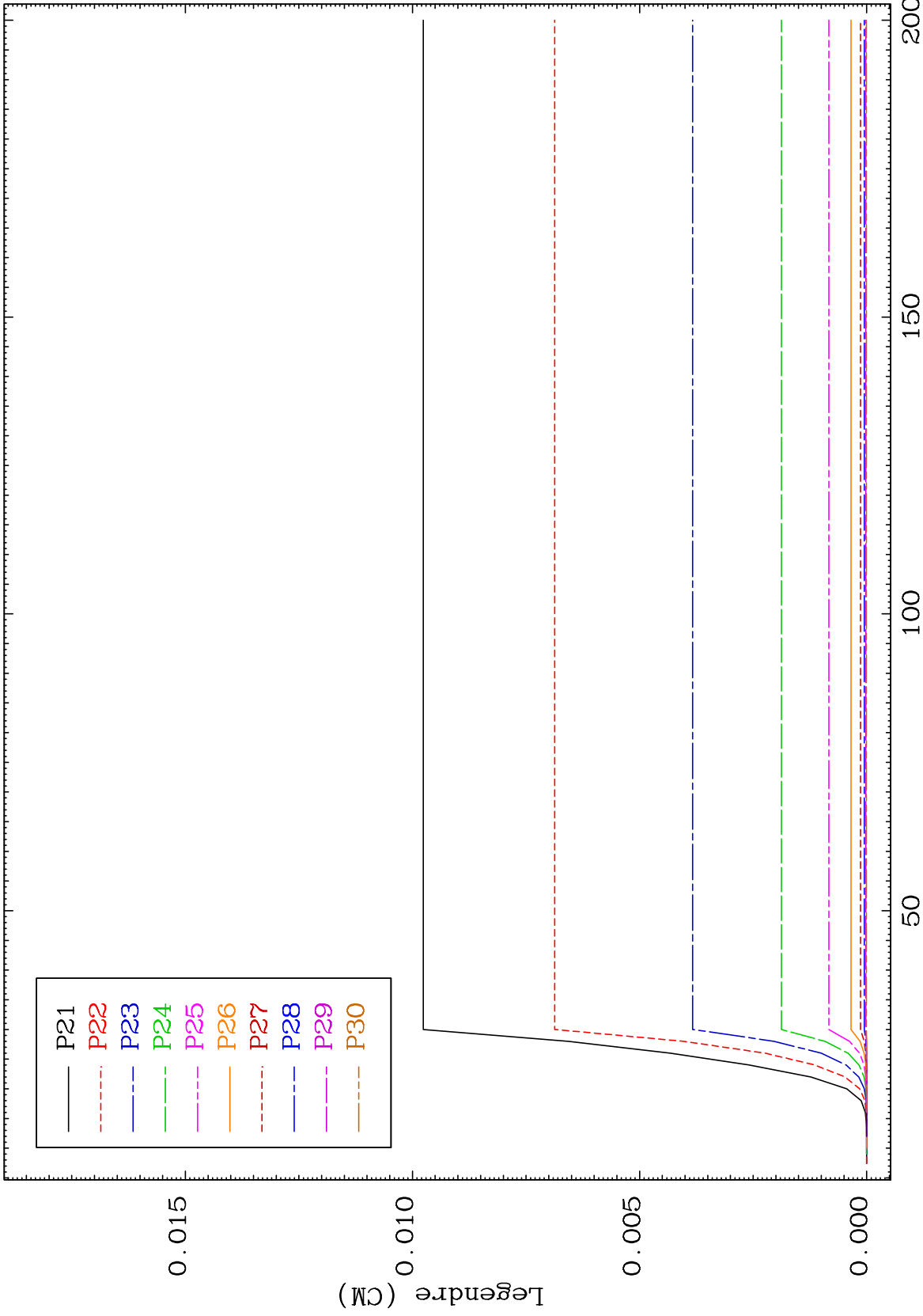
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



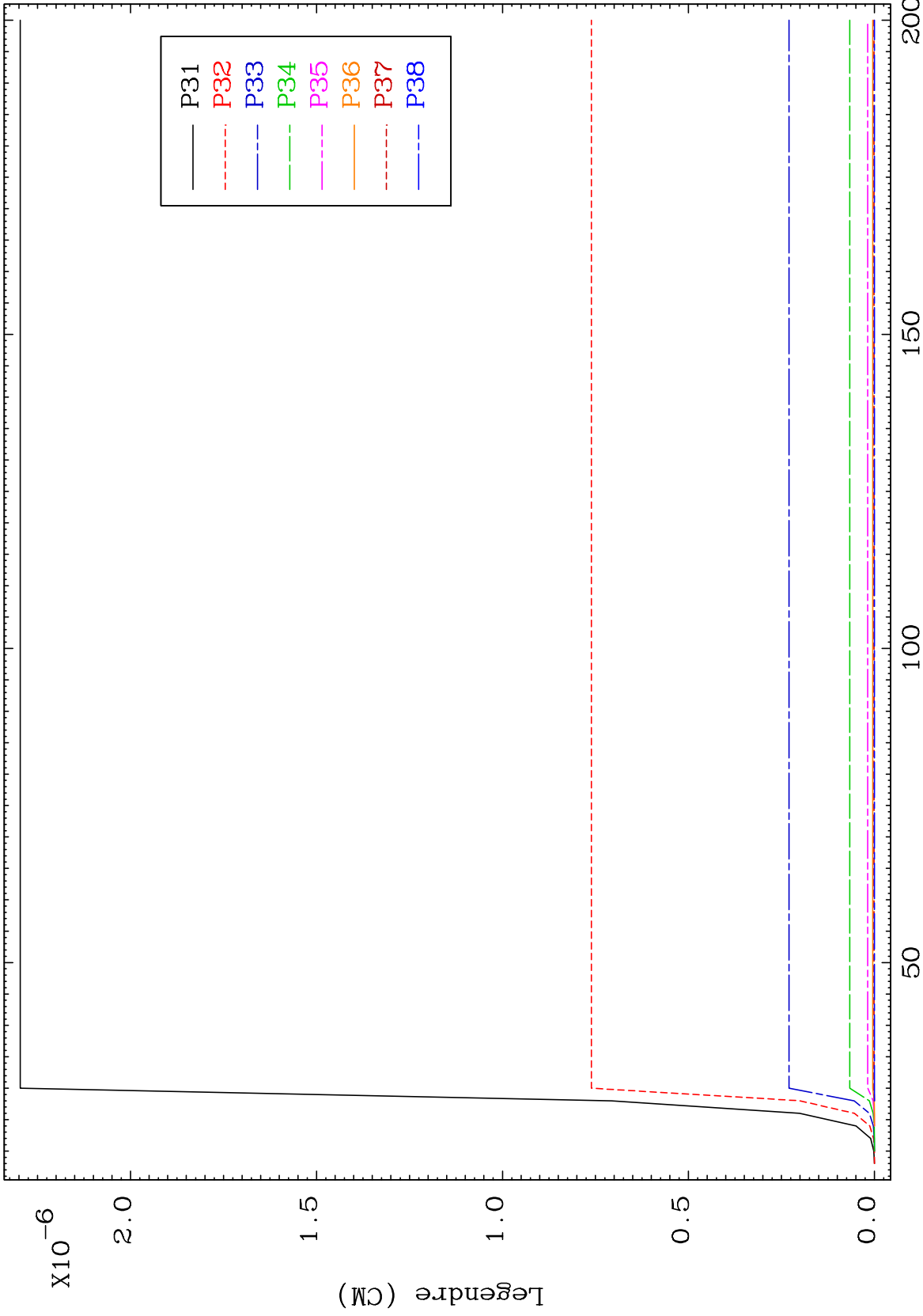
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82-Pb-195

MAT 8198

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

82-Pb-195



39

Incident Energy (MeV)

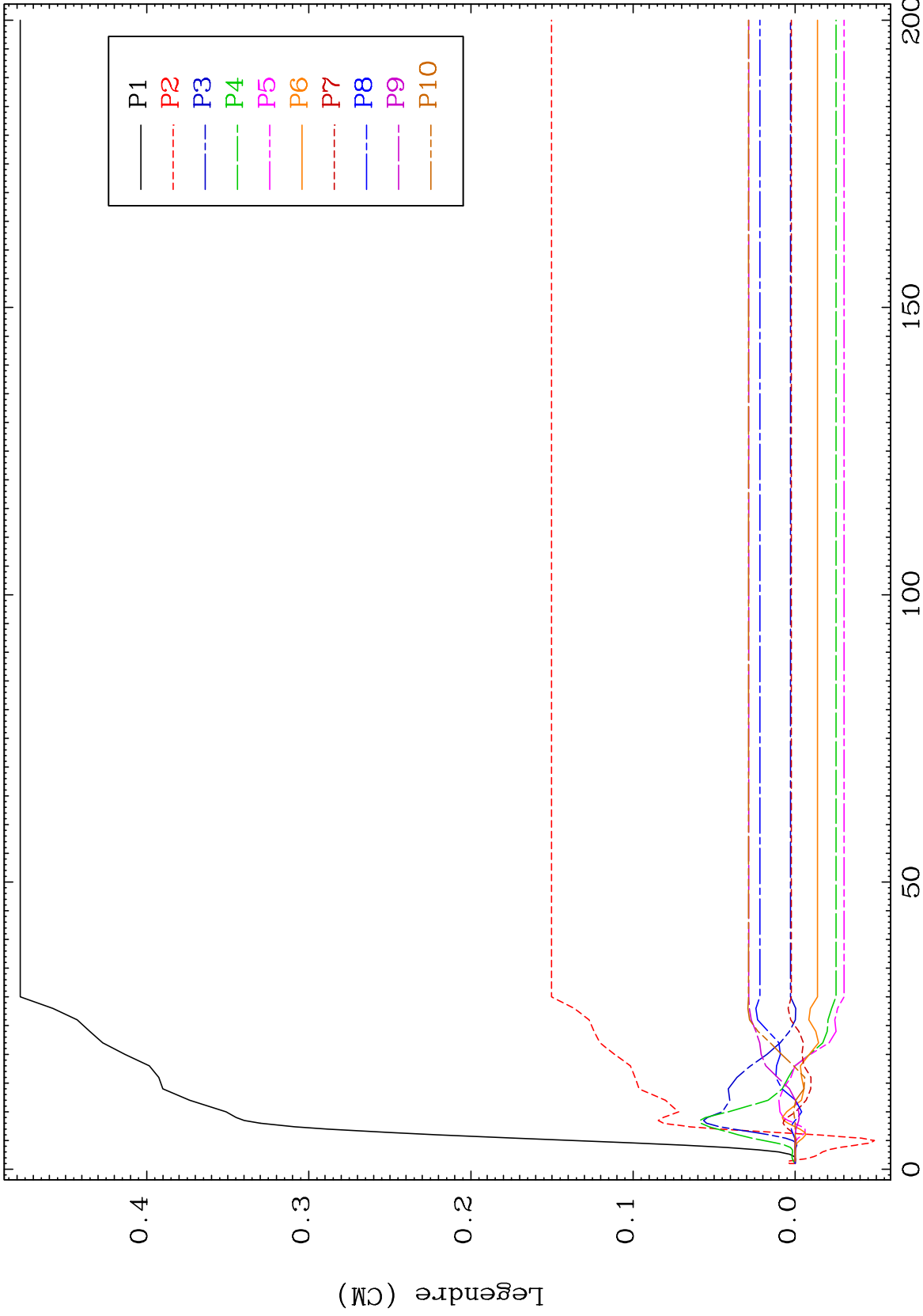
82-Pb-195



MAT 8198

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

82-Pb-195



82-Pb-195

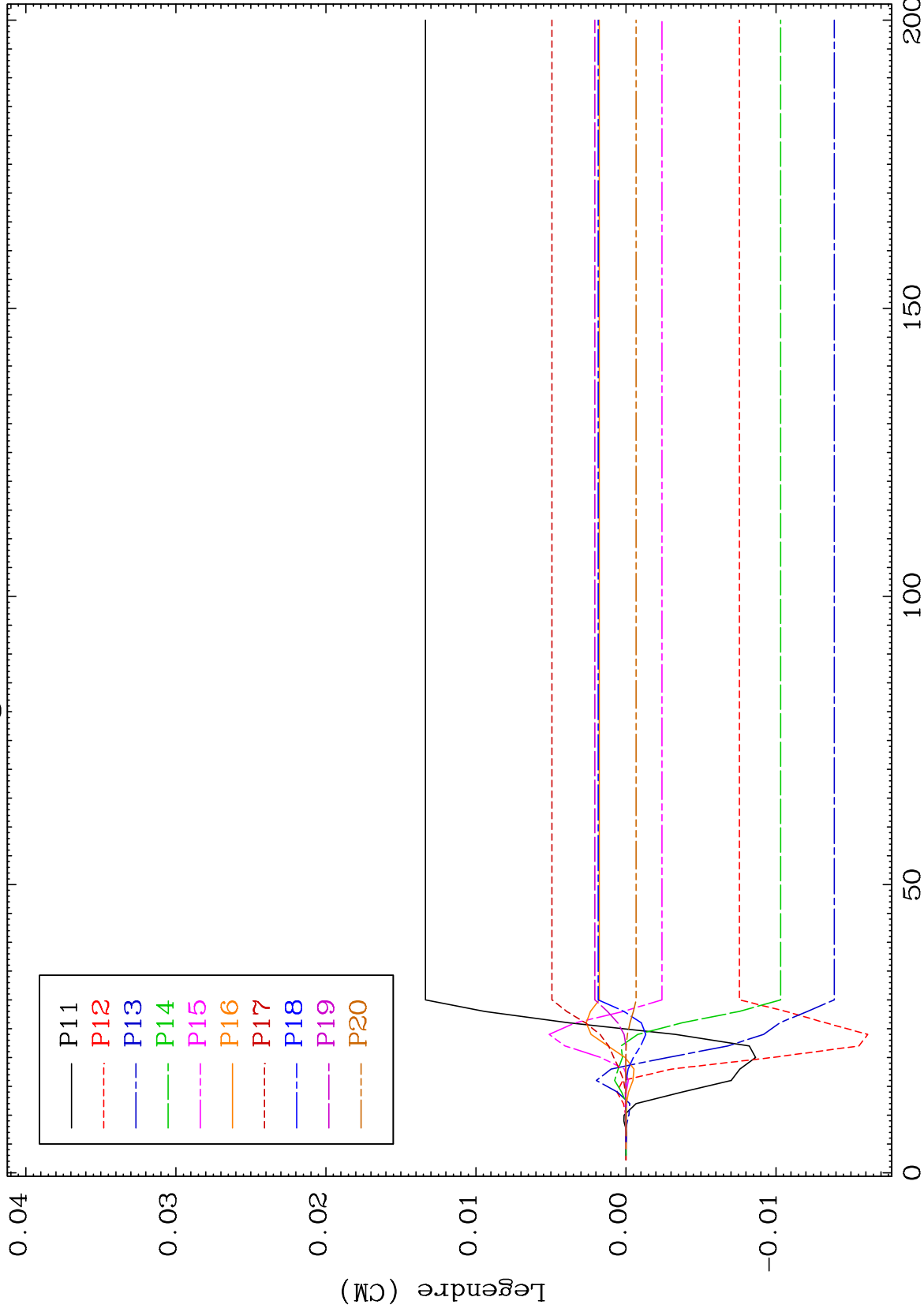
Incident Energy (MeV)

40

MAT 8198

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

82-Pb-195



41

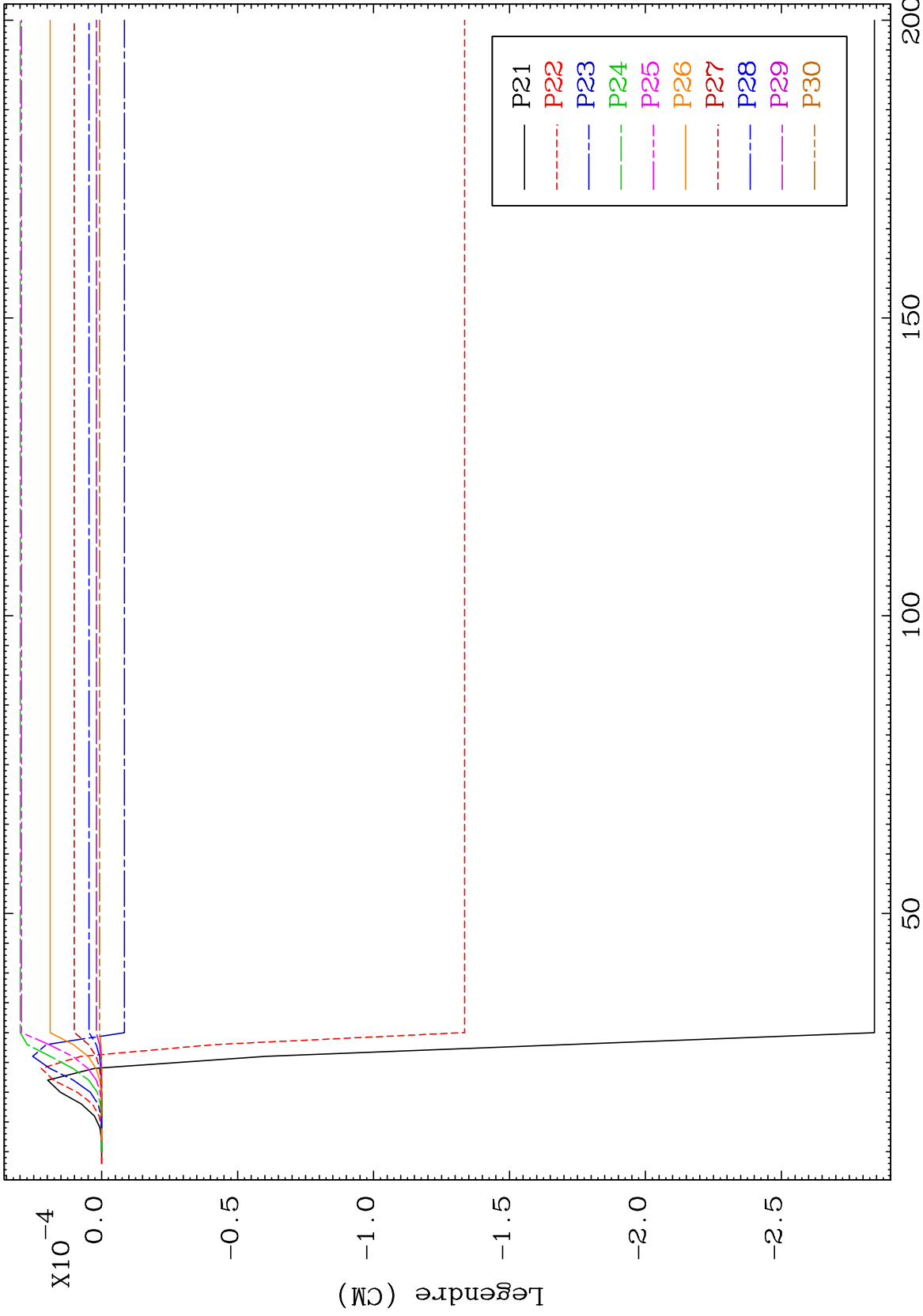
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



42

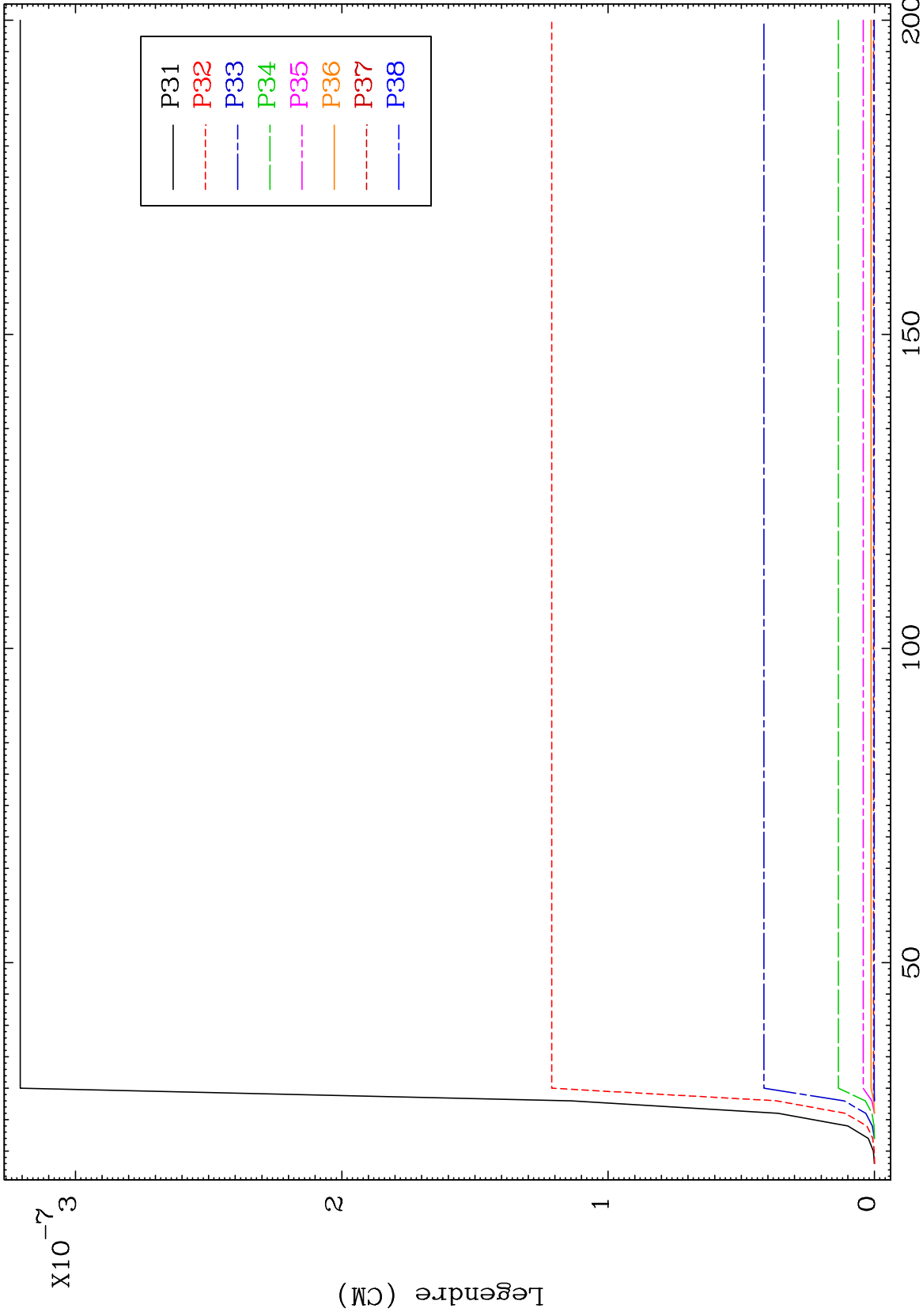
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



43

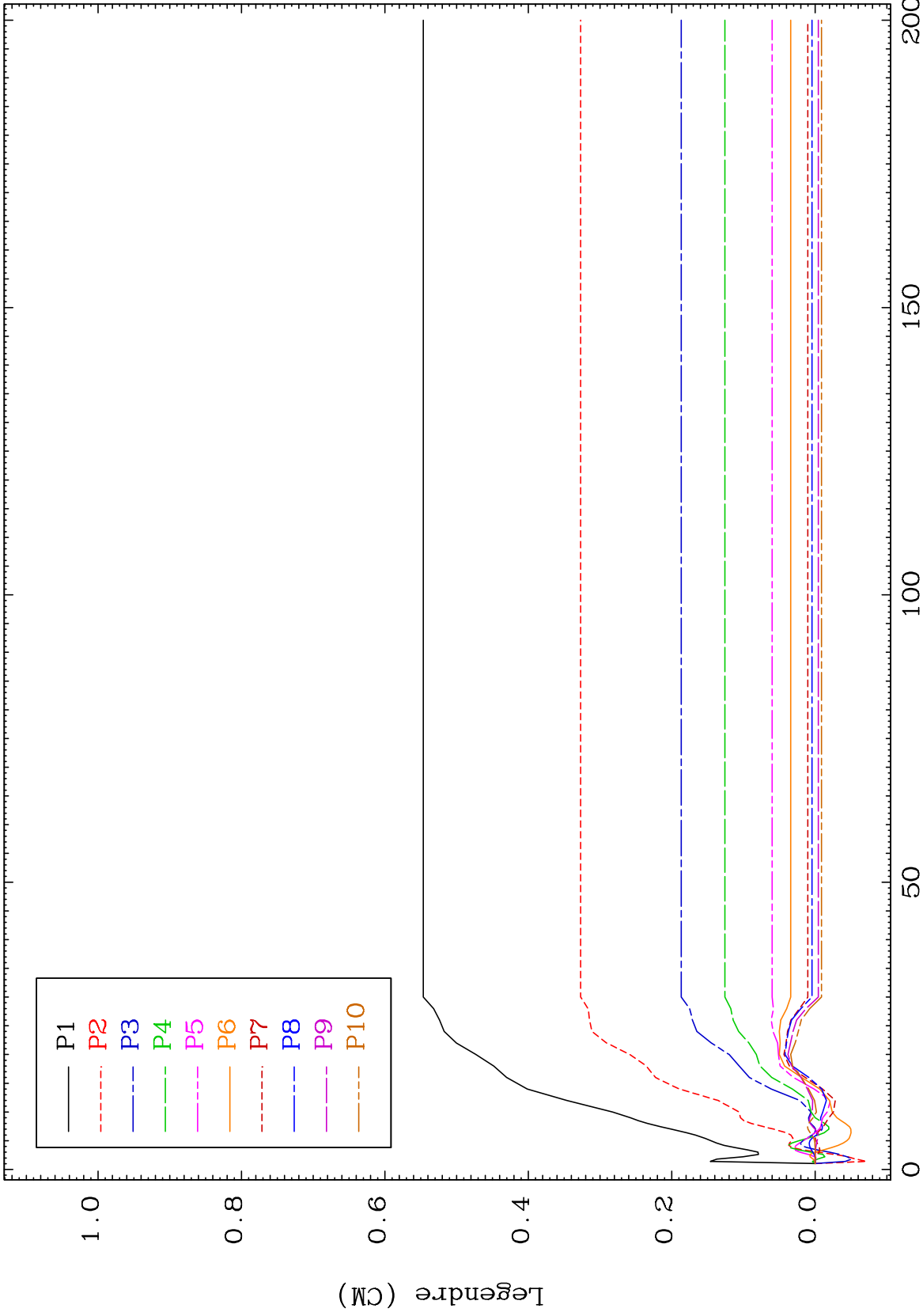
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



44

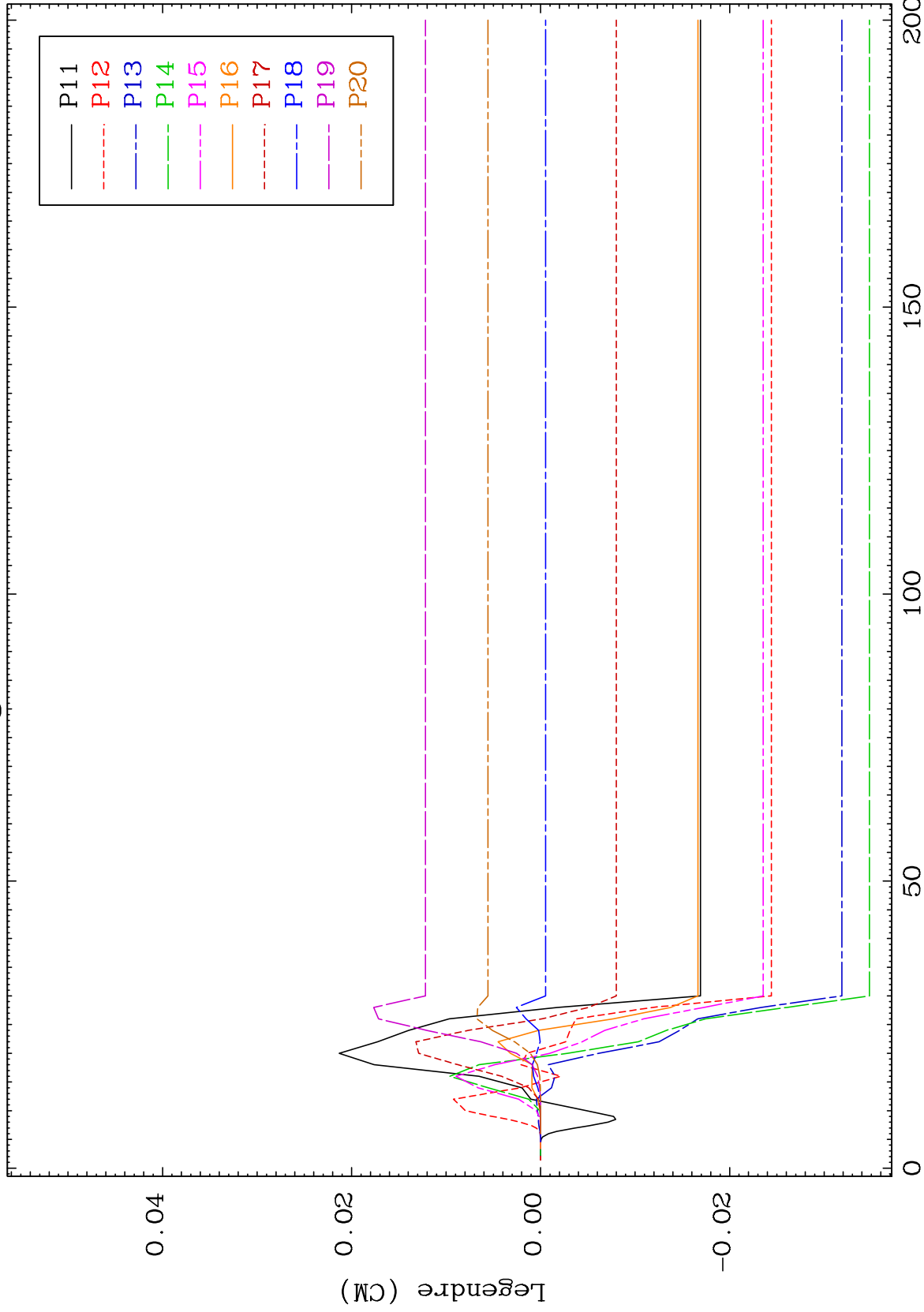
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



45

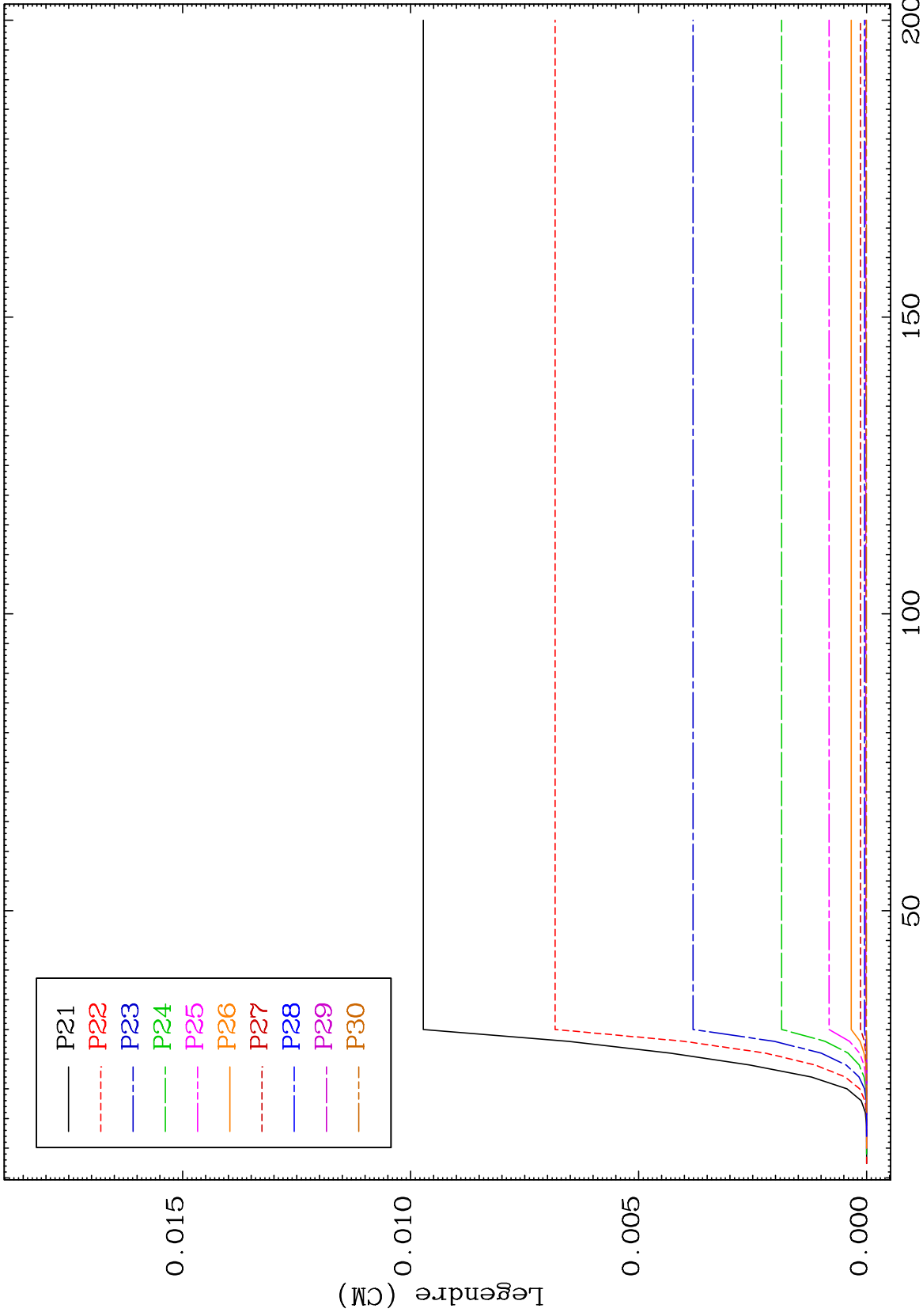
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



46

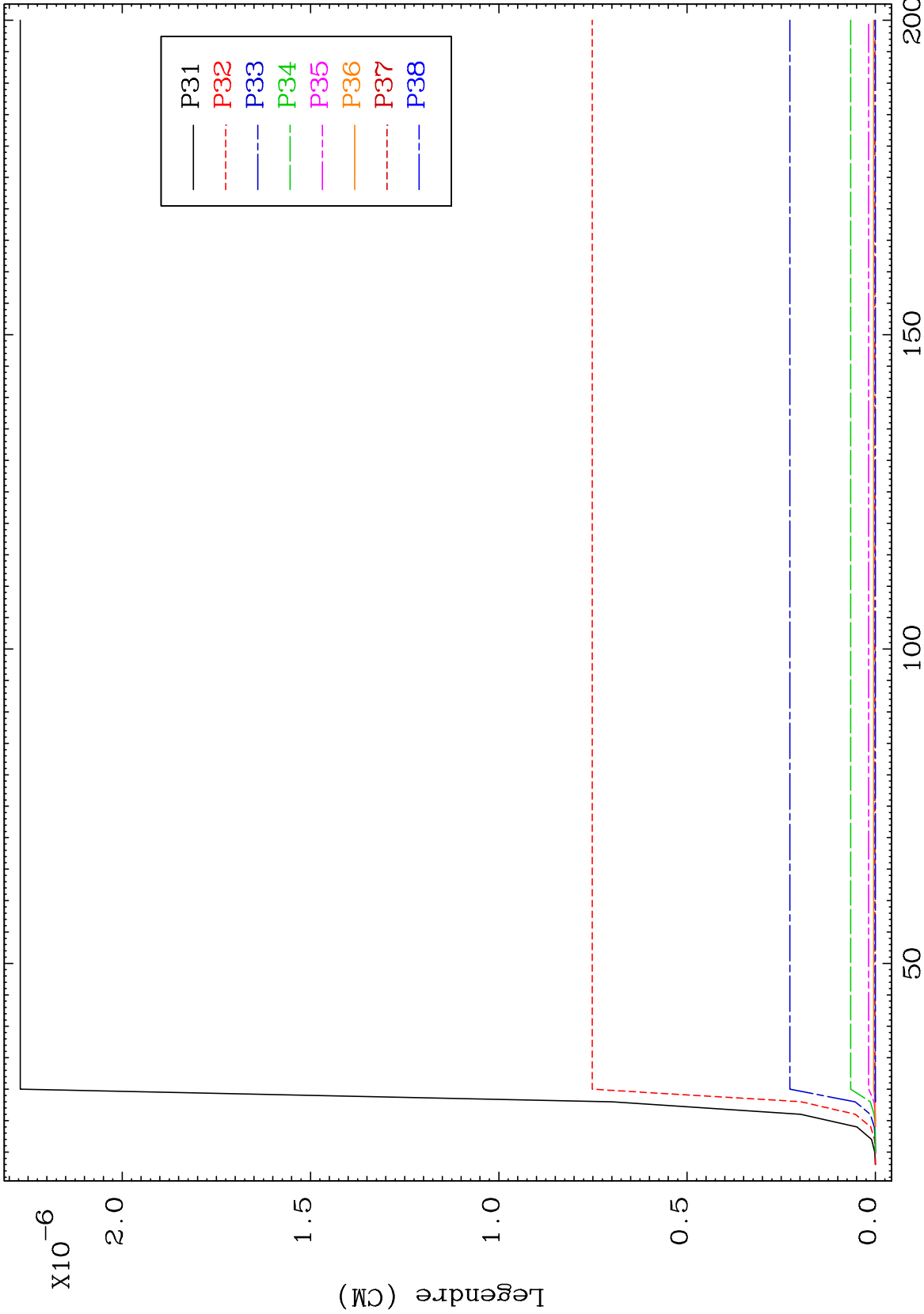
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



47

Incident Energy (MeV)

82-Pb-195

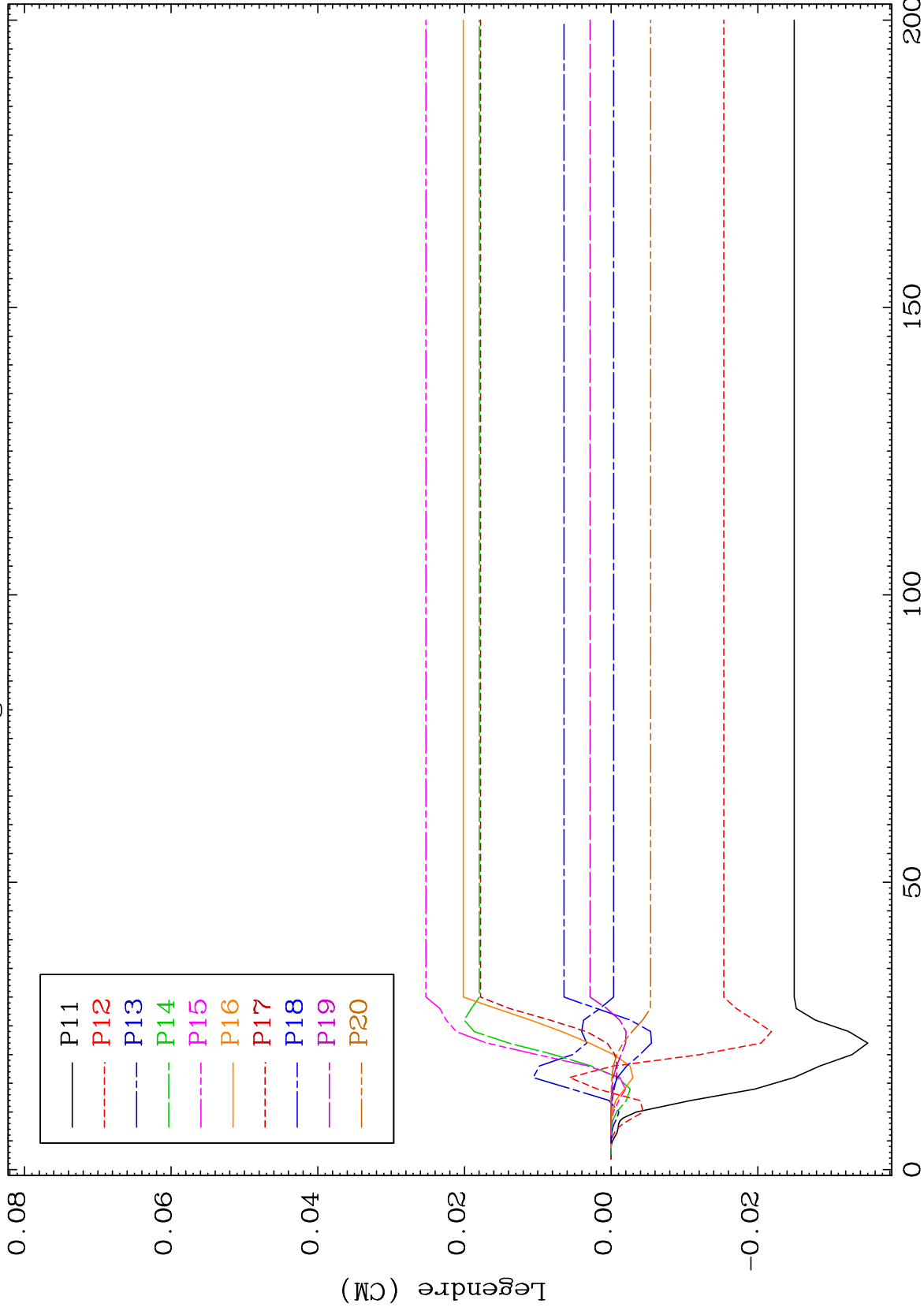




MAT 8198

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

82-Pb-195



49

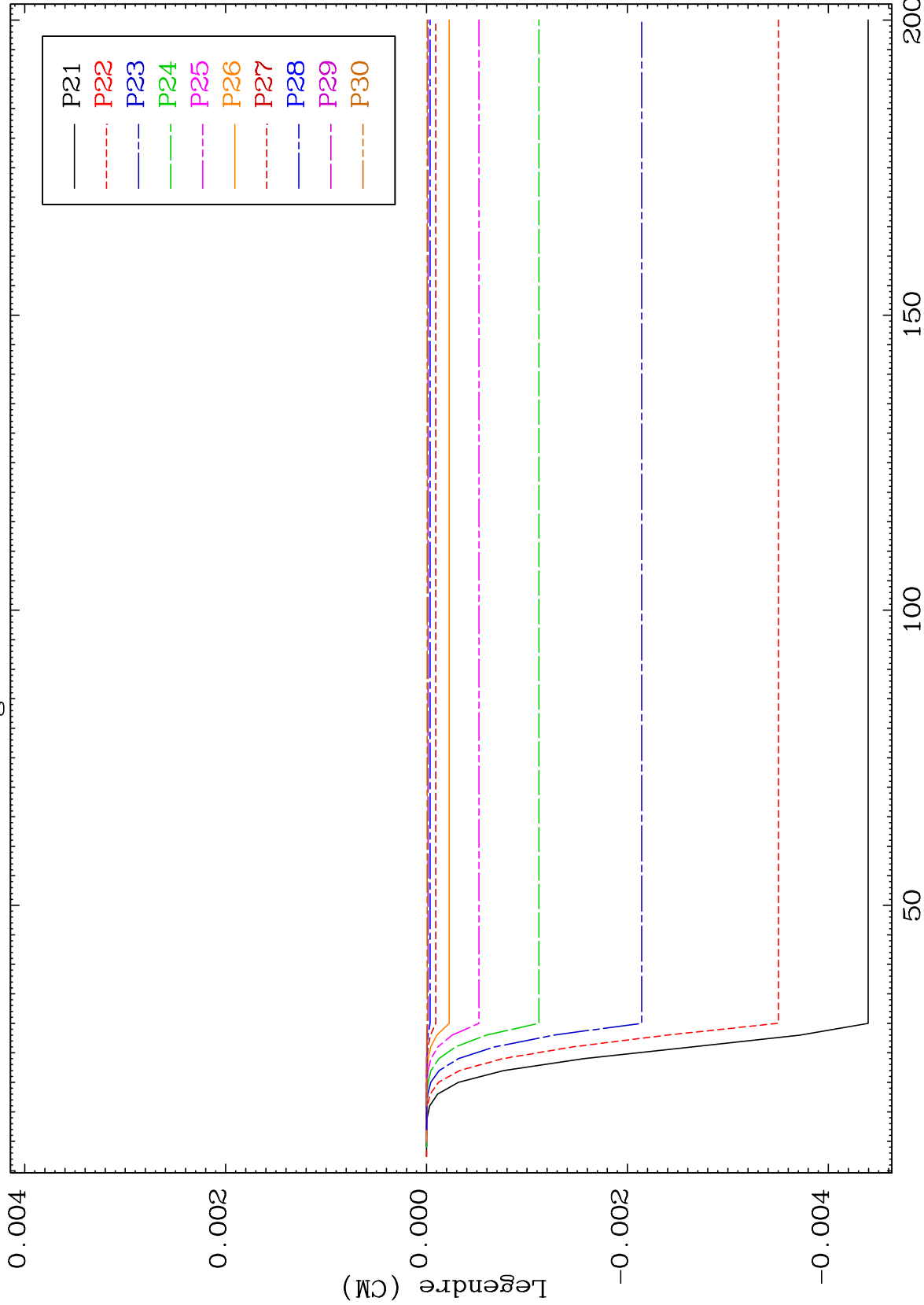
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



50

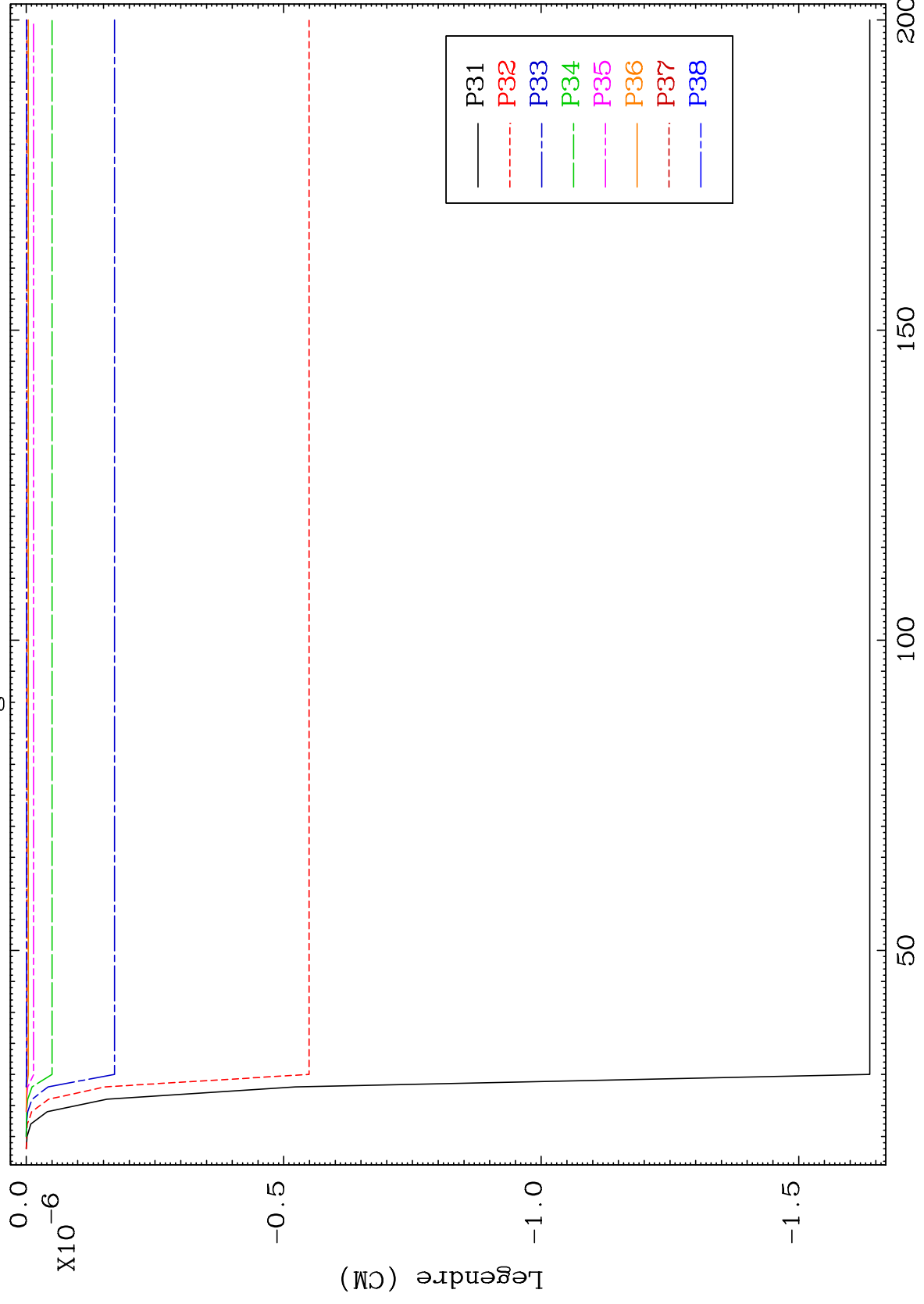
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



82-Pb-195

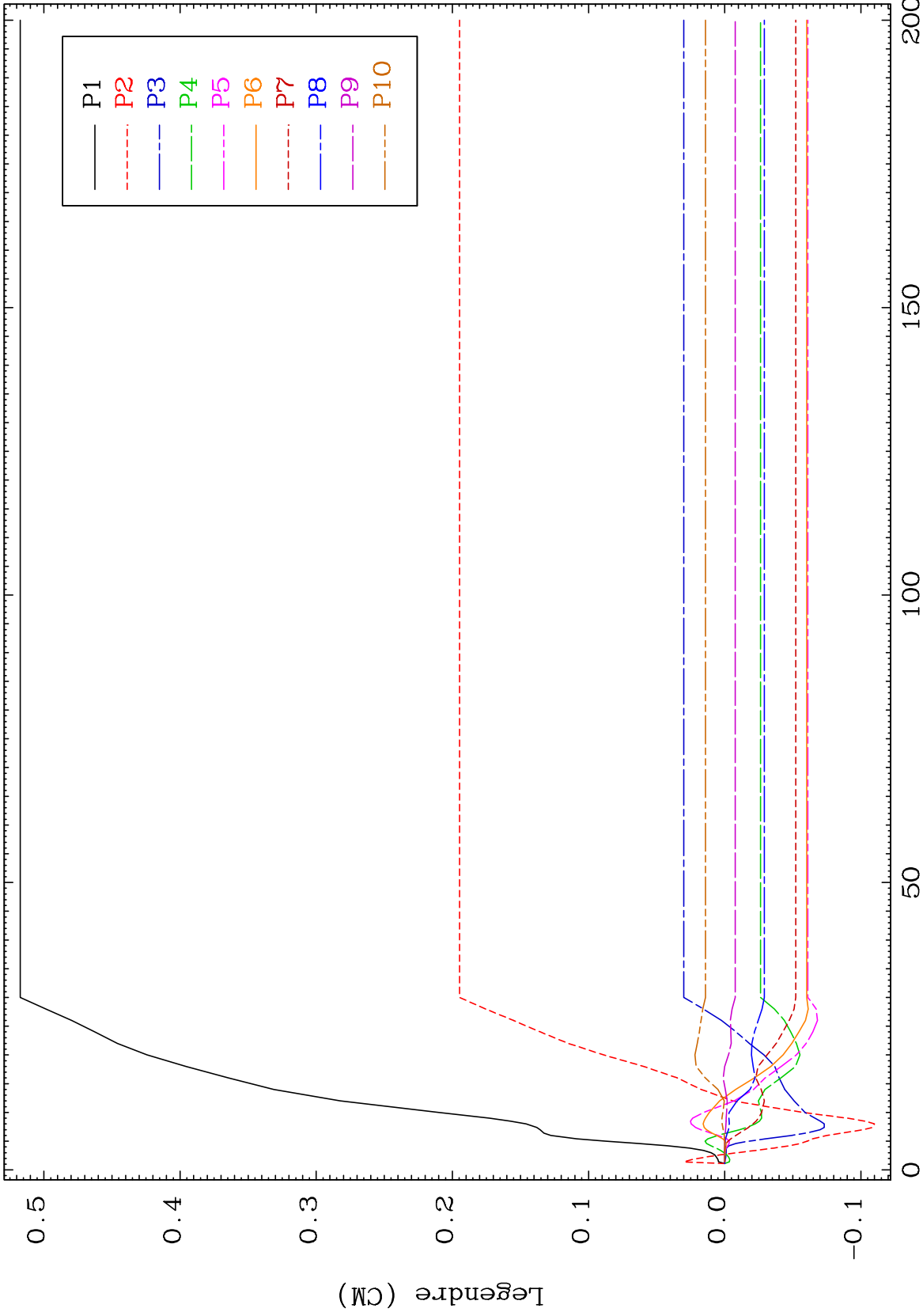
Incident Energy (MeV)

51

MAT 8198

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

82-Pb-195



52

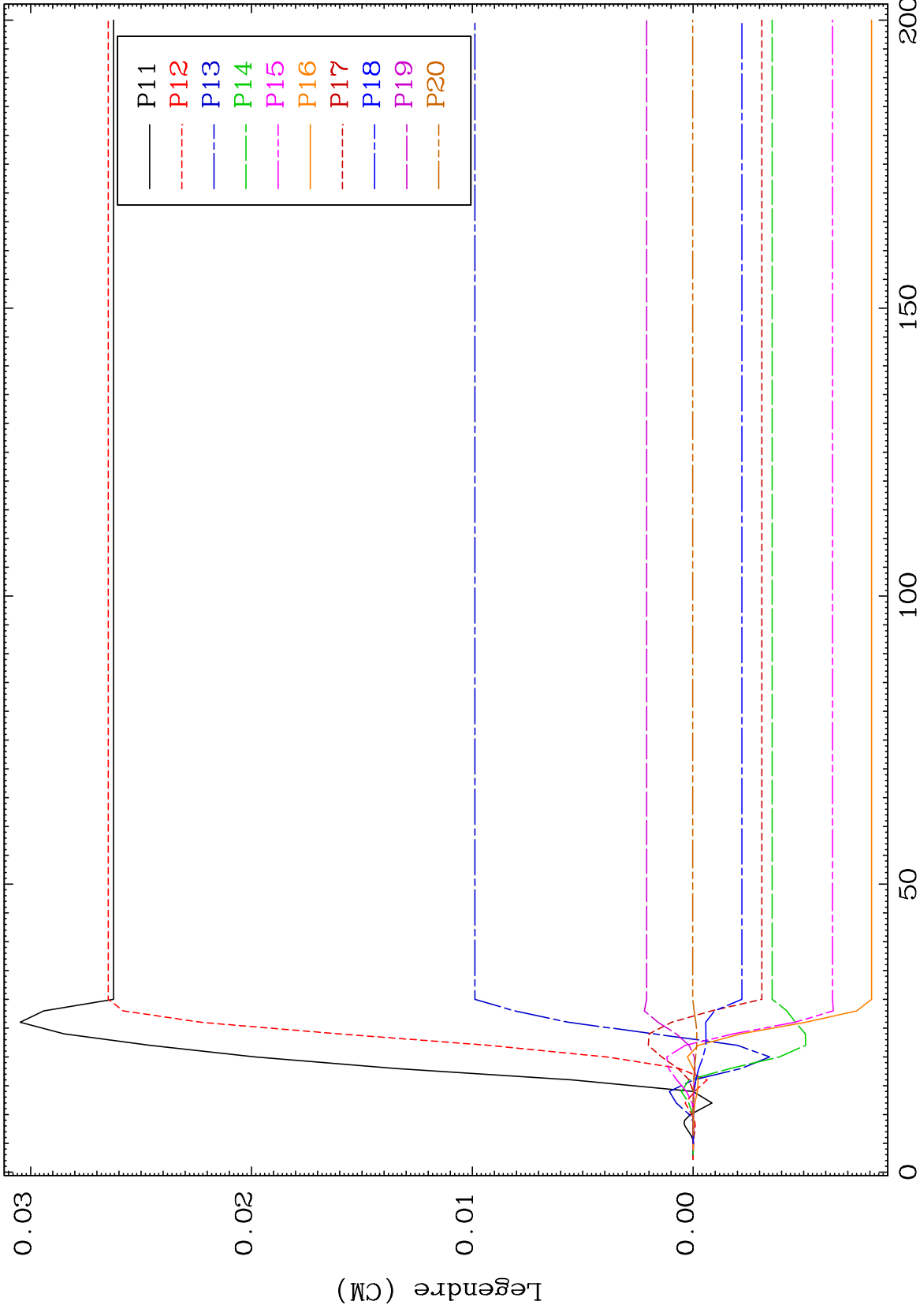
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



53

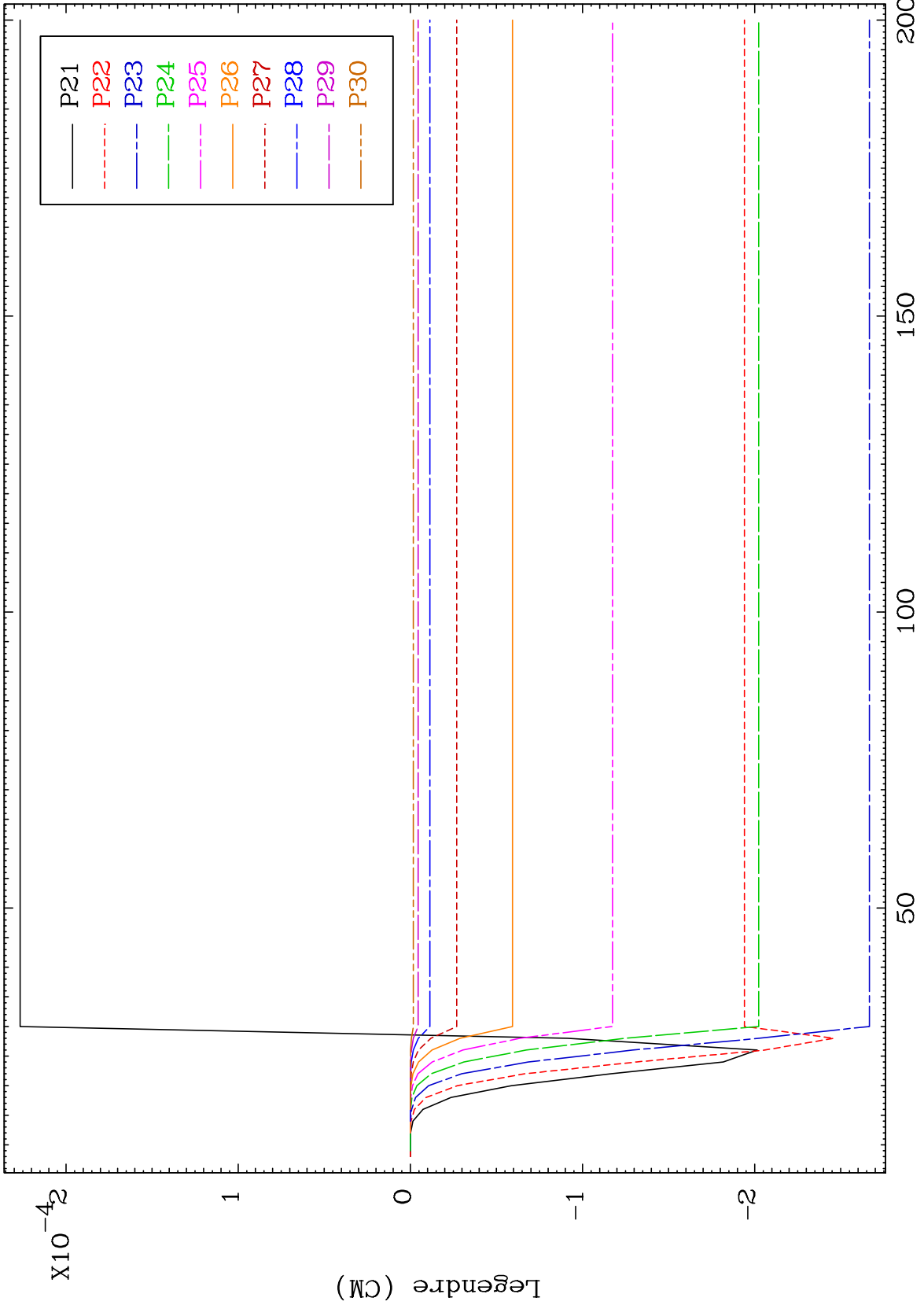
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



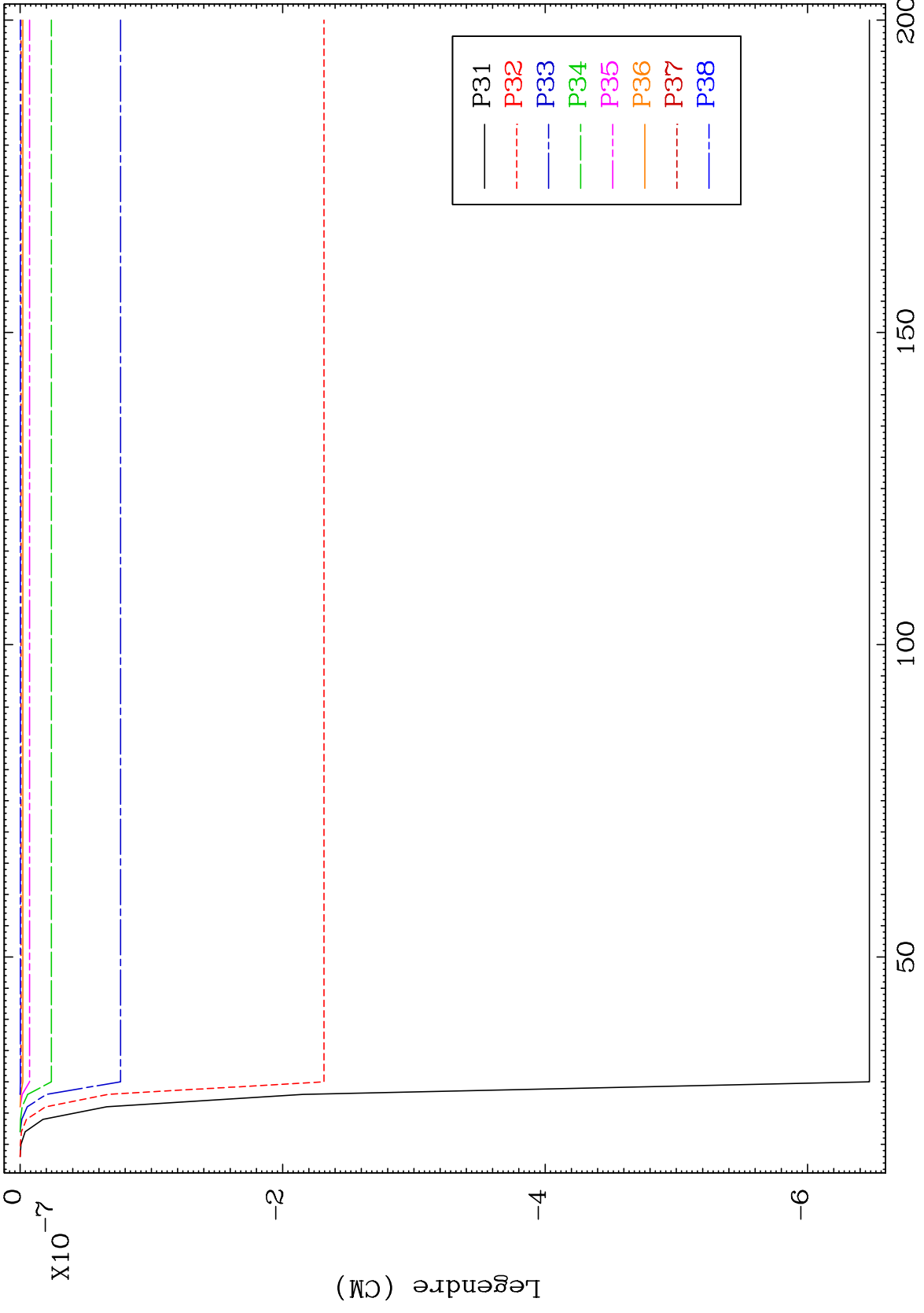
54

82-Pb-195

MAT 8198

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

82-Pb-195



82-Pb-195

Incident Energy (MeV)

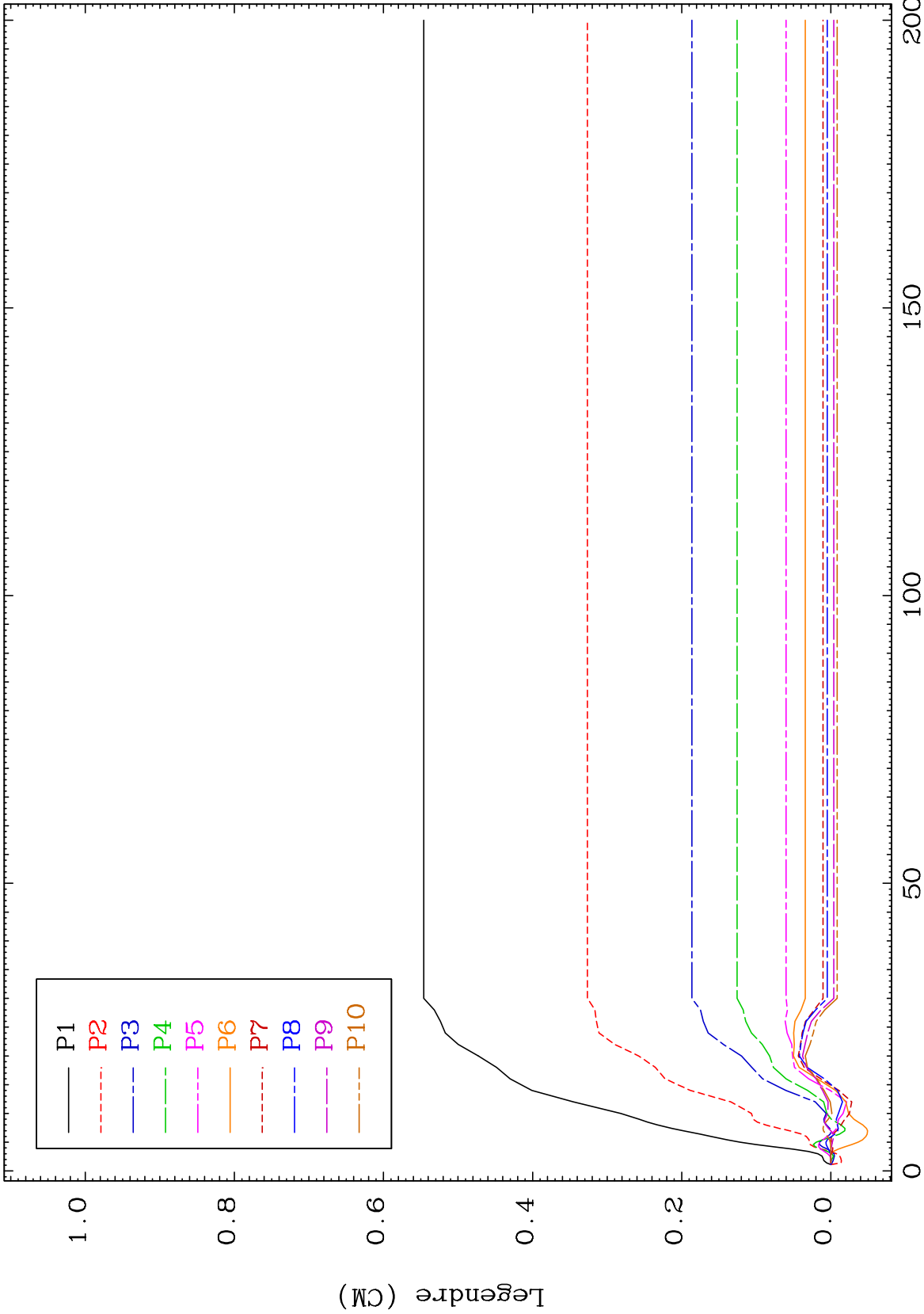
55



MAT 8198

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

82-Pb-195



56

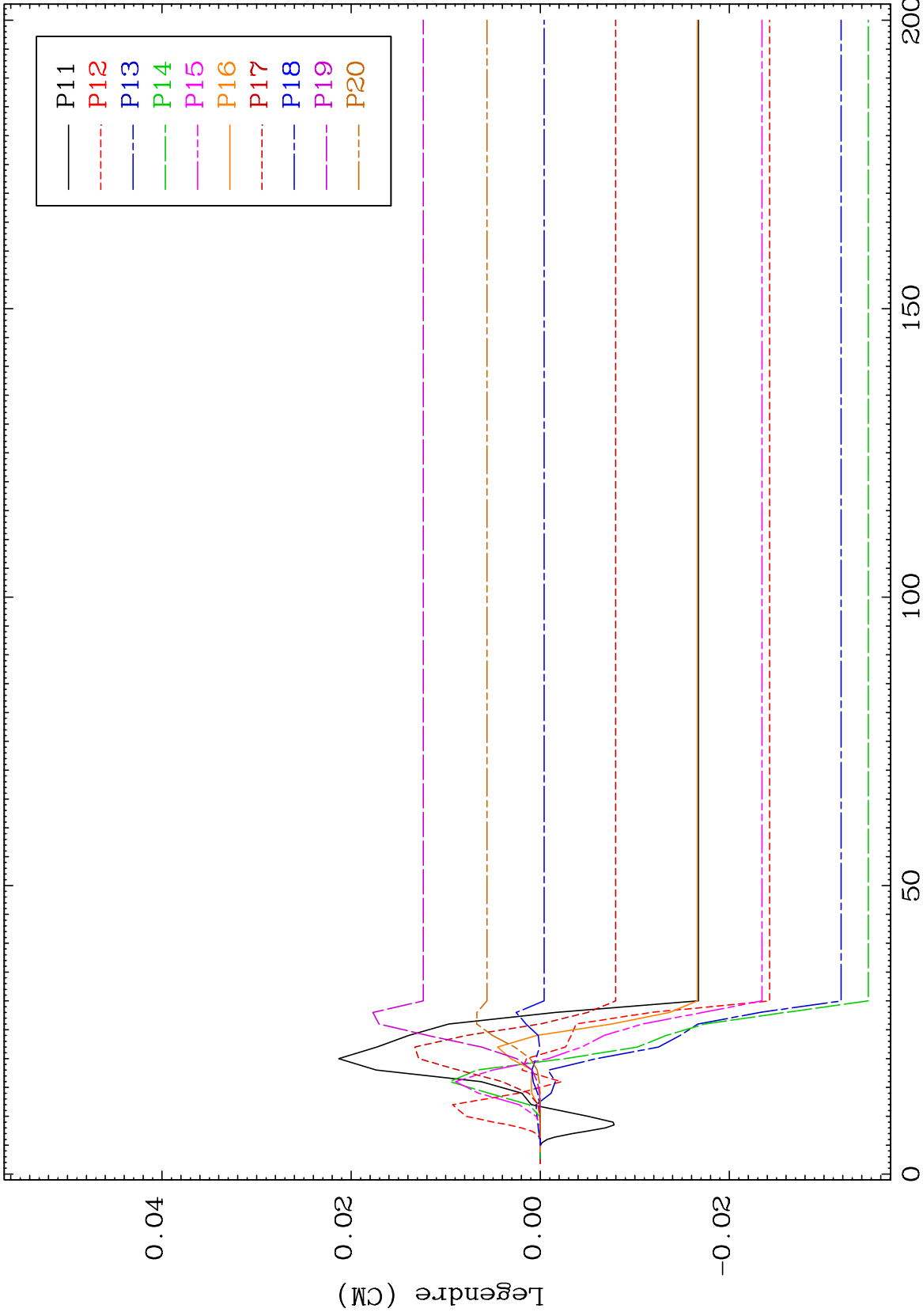
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



57

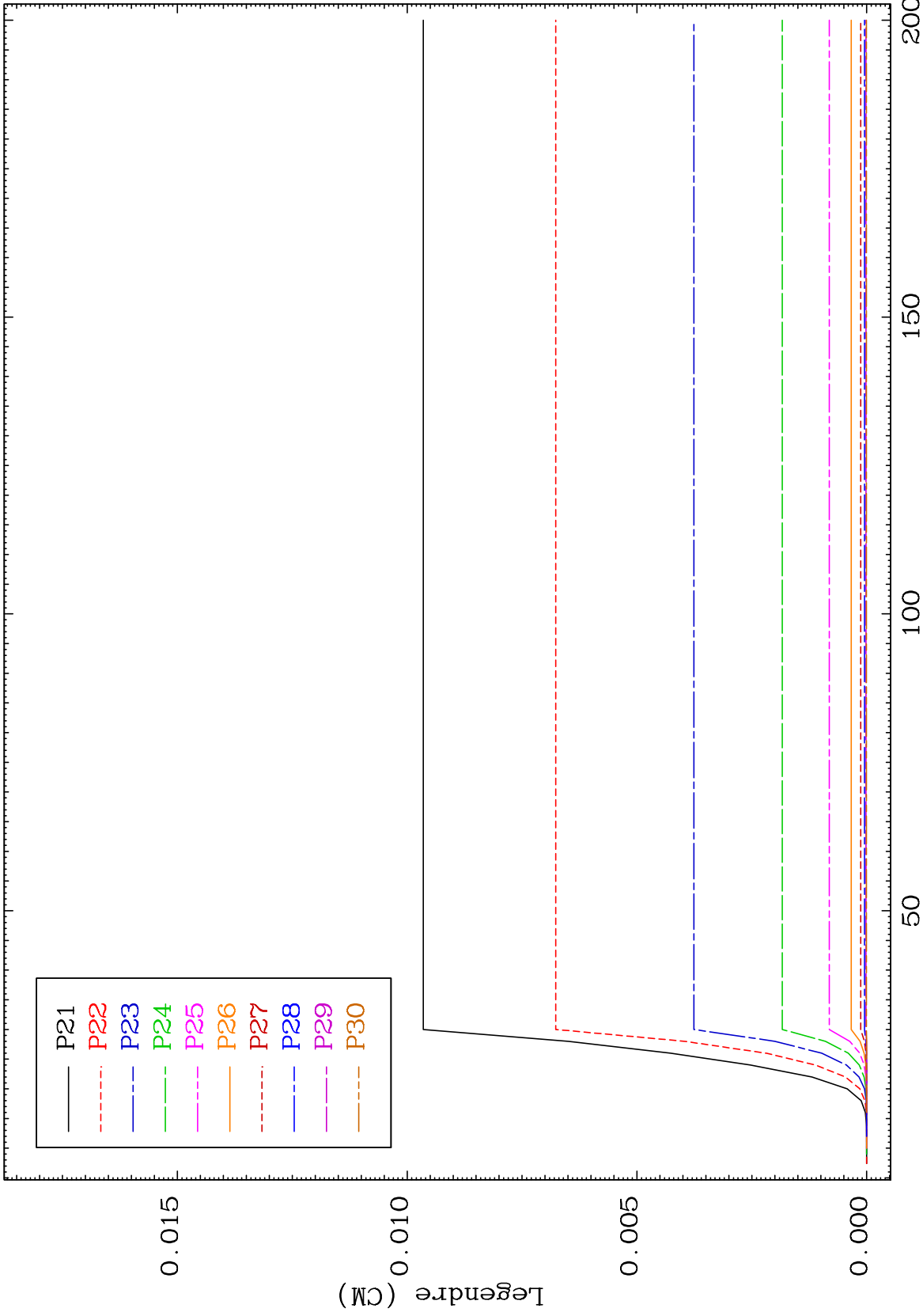
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



58

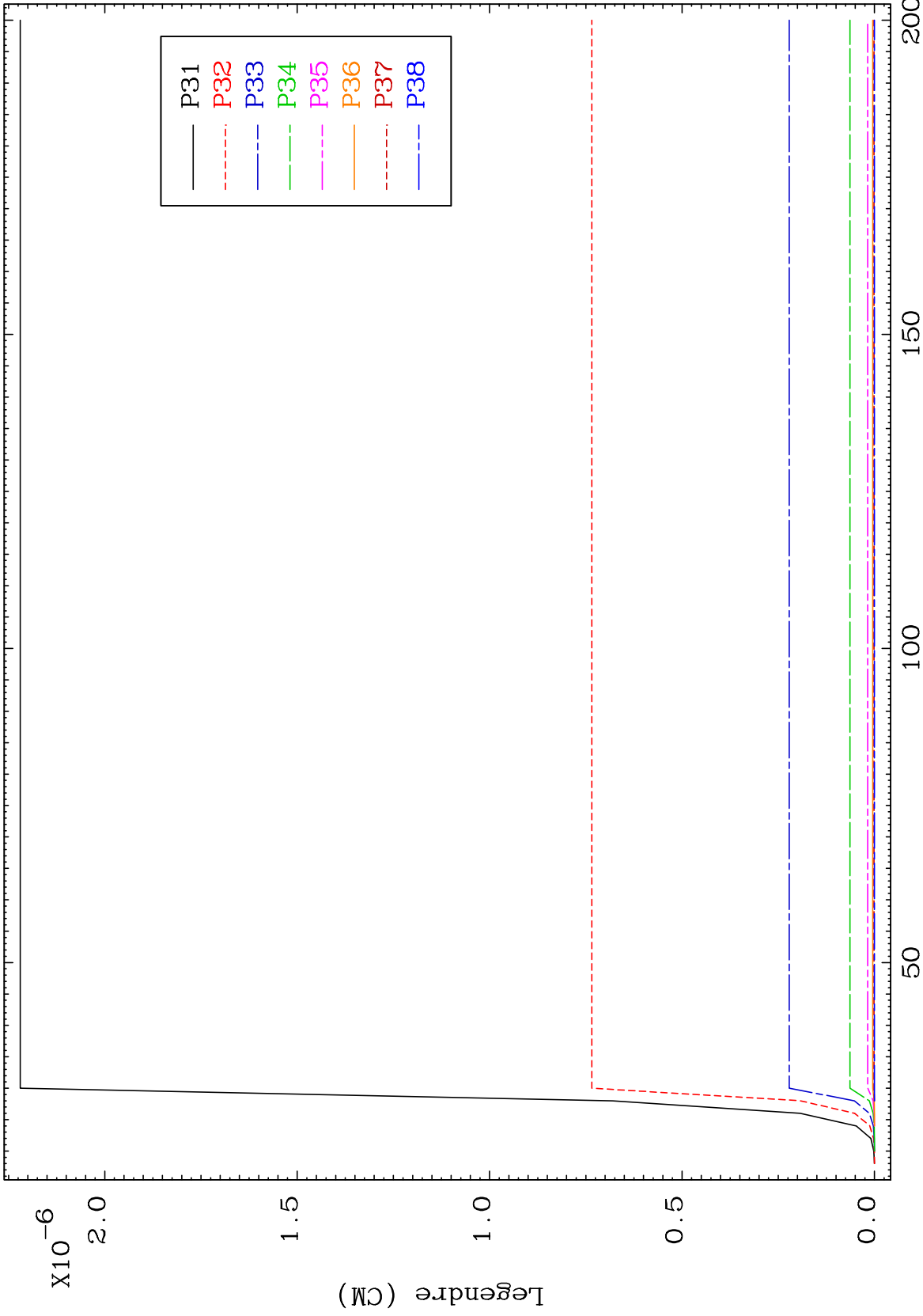
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



59

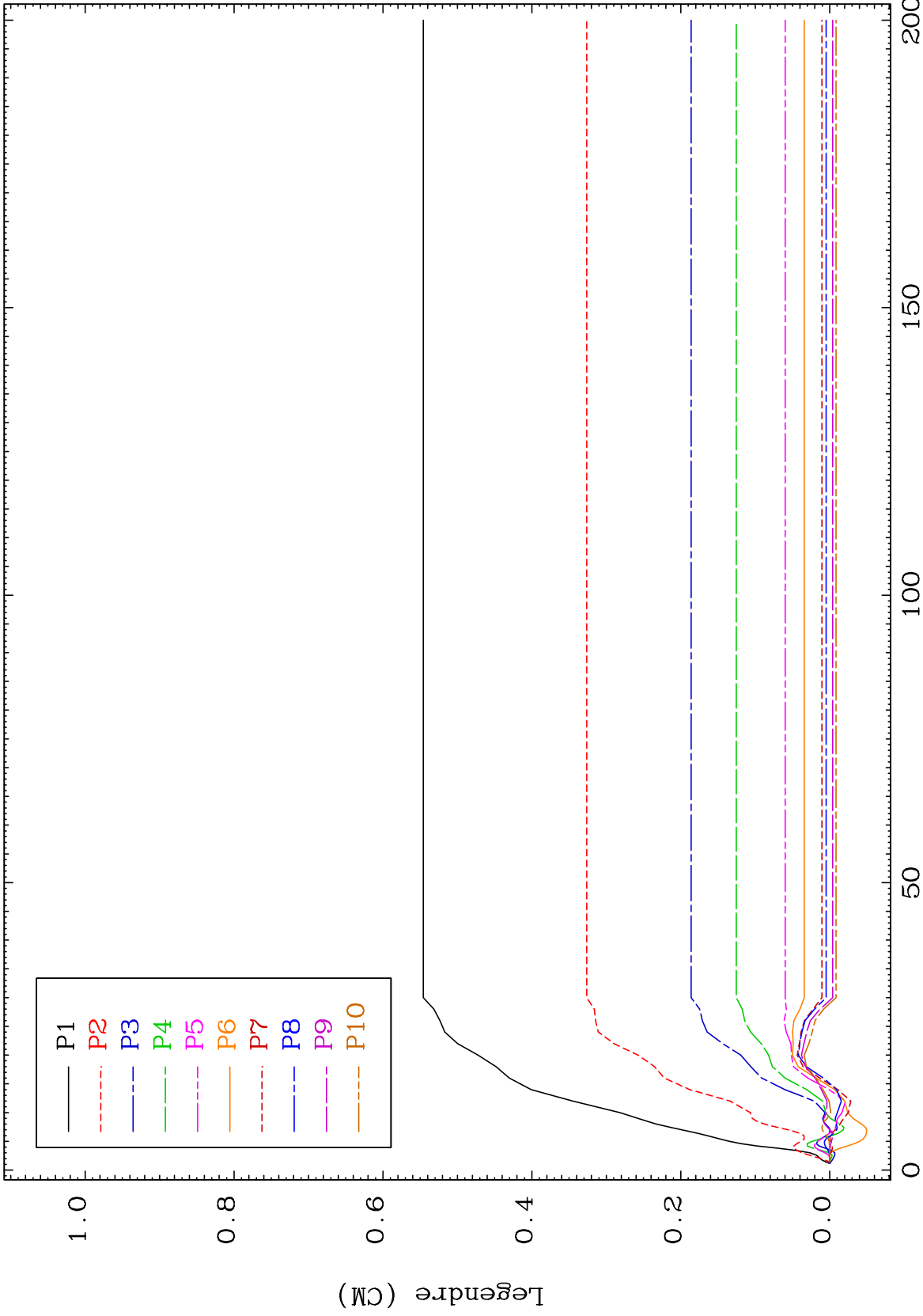
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



60

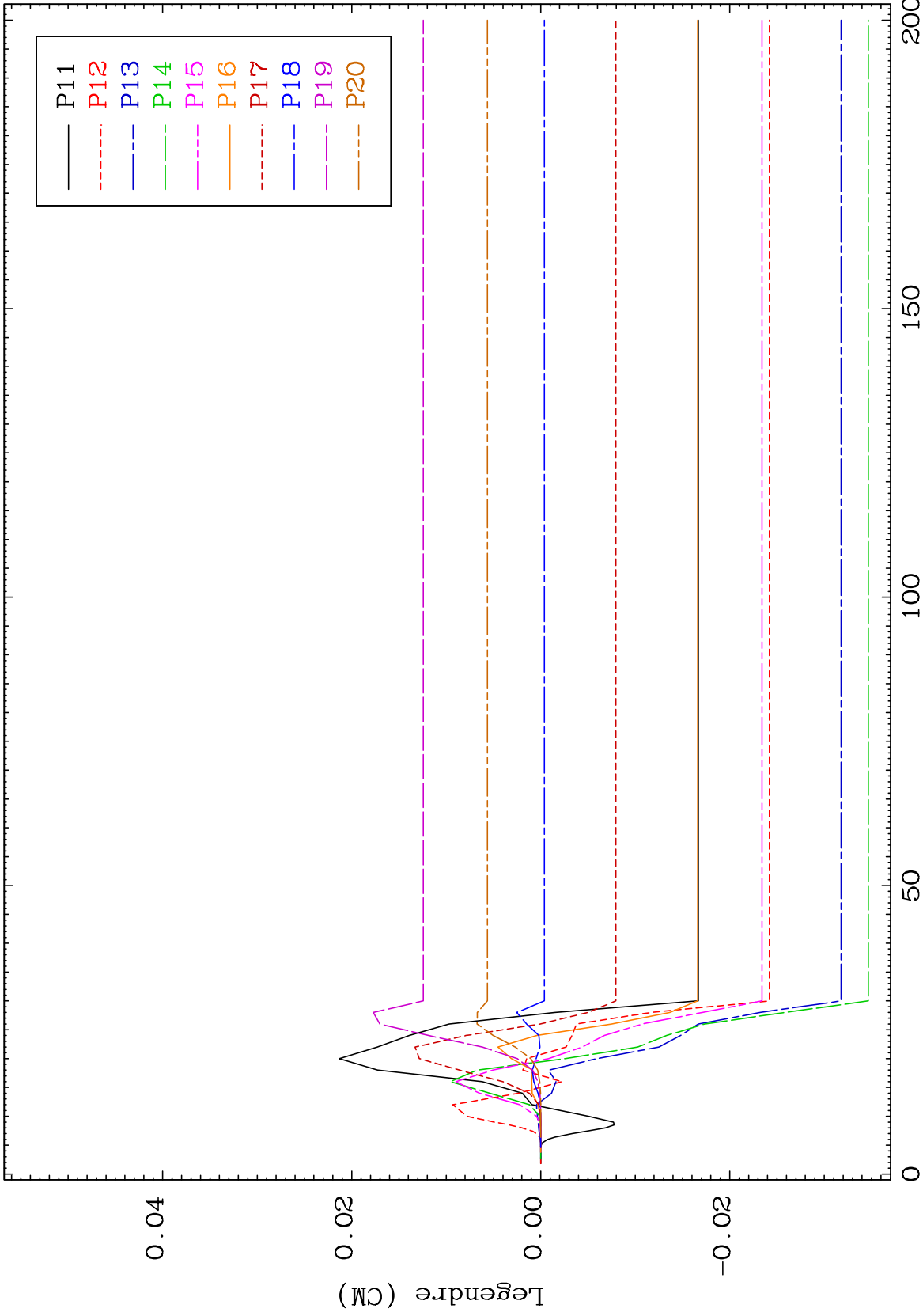
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



61

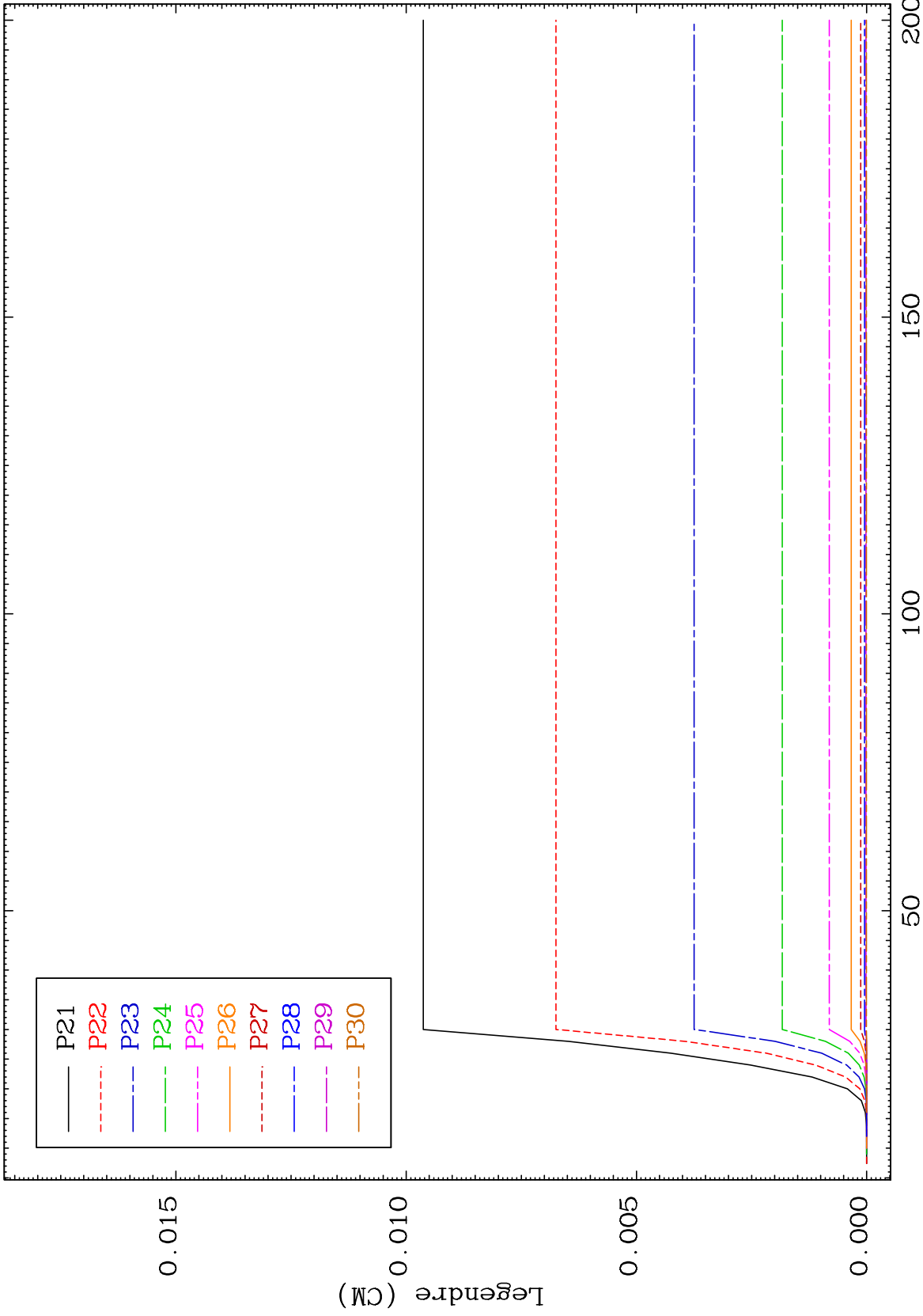
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



62

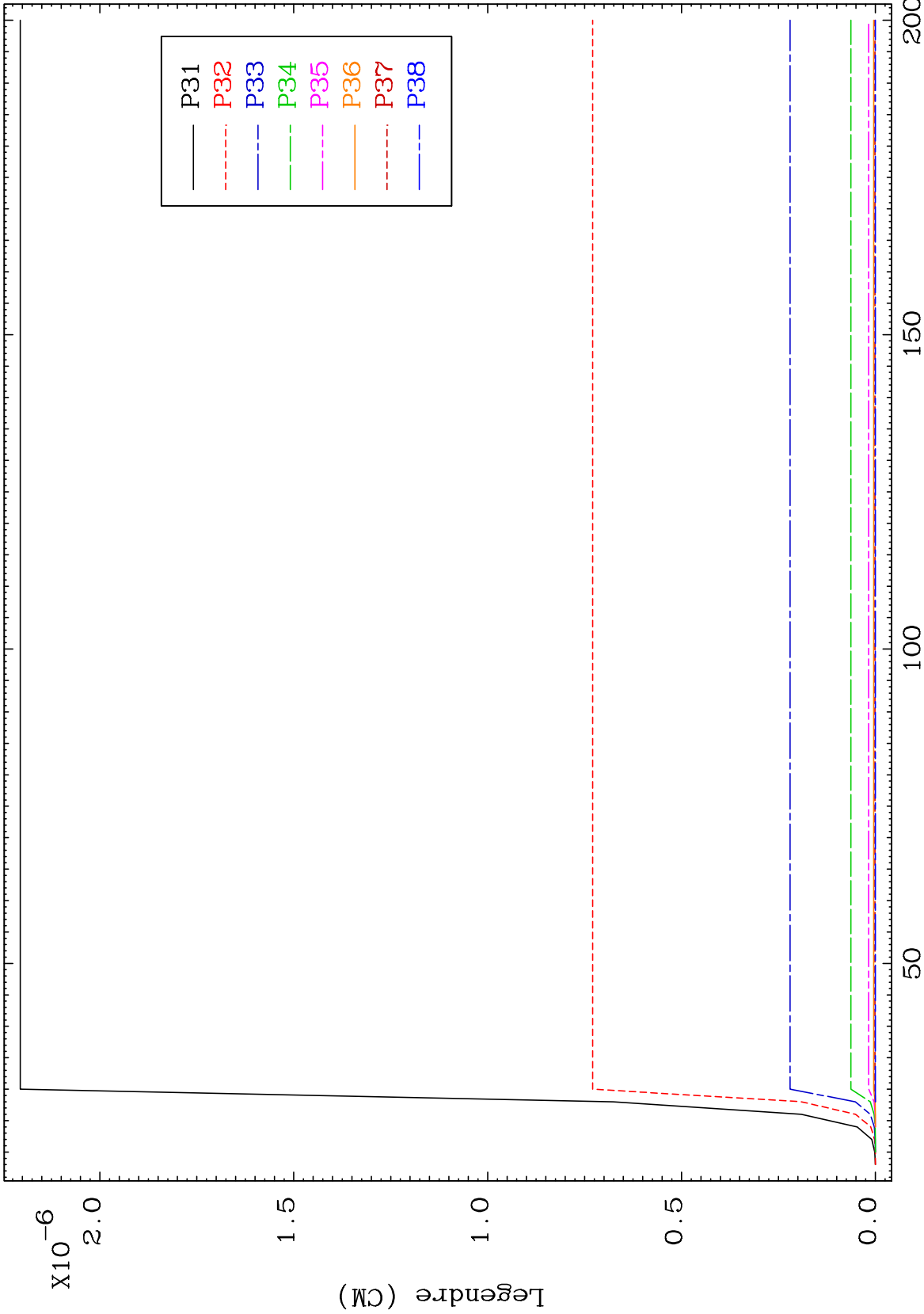
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



63

Incident Energy (MeV)

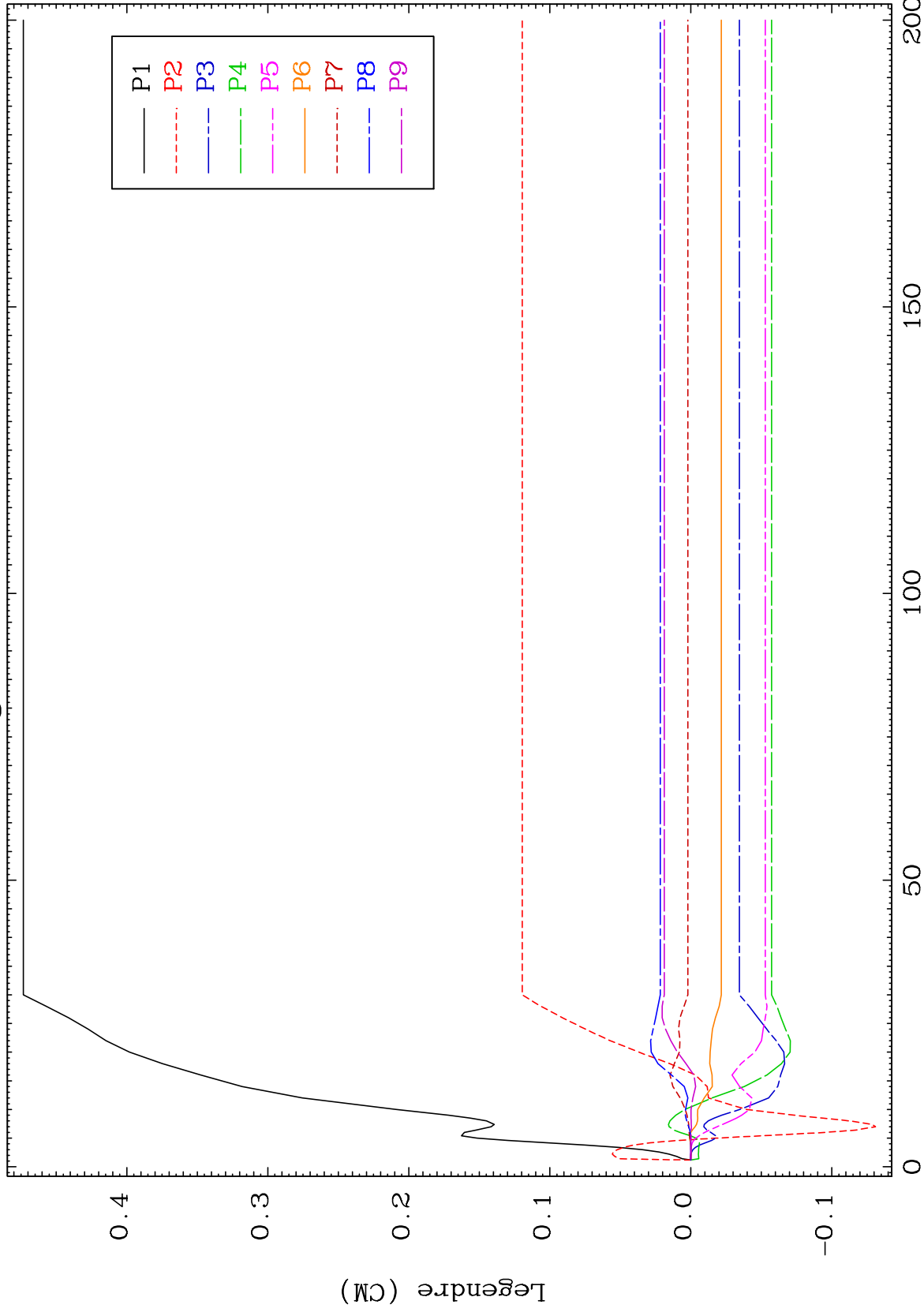
82-Pb-195



MAT 8198

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

82-Pb-195



64

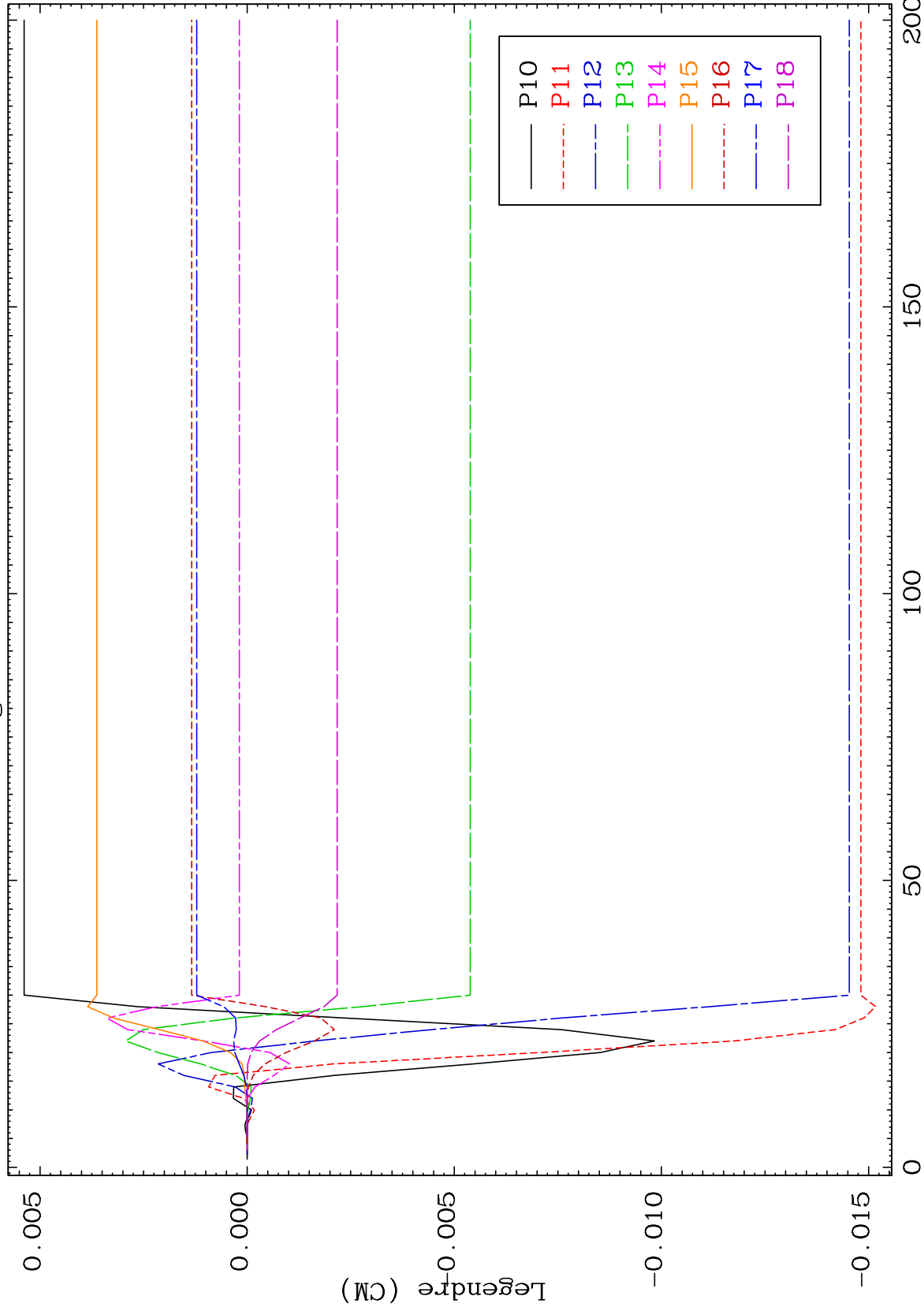
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



65

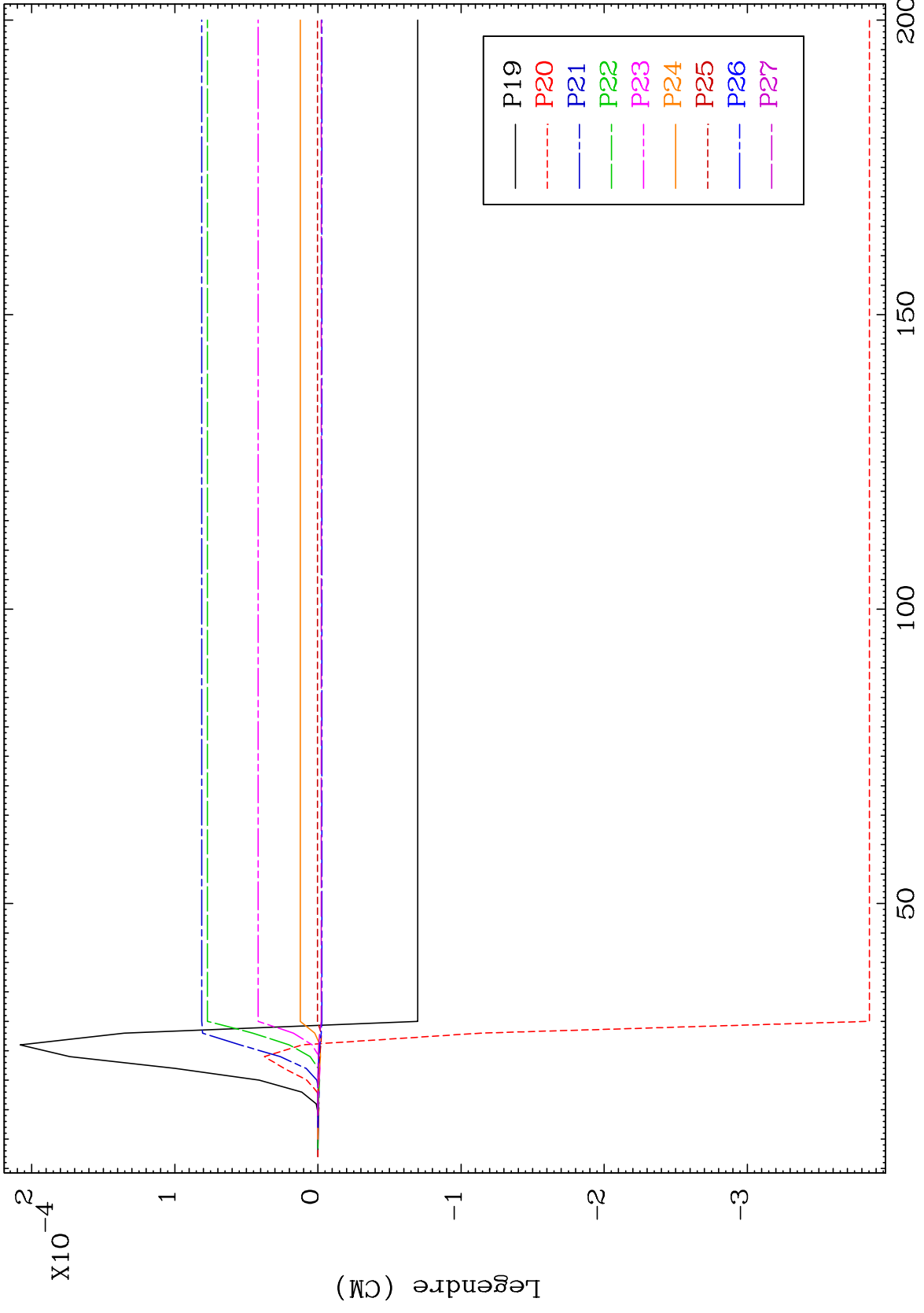
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195

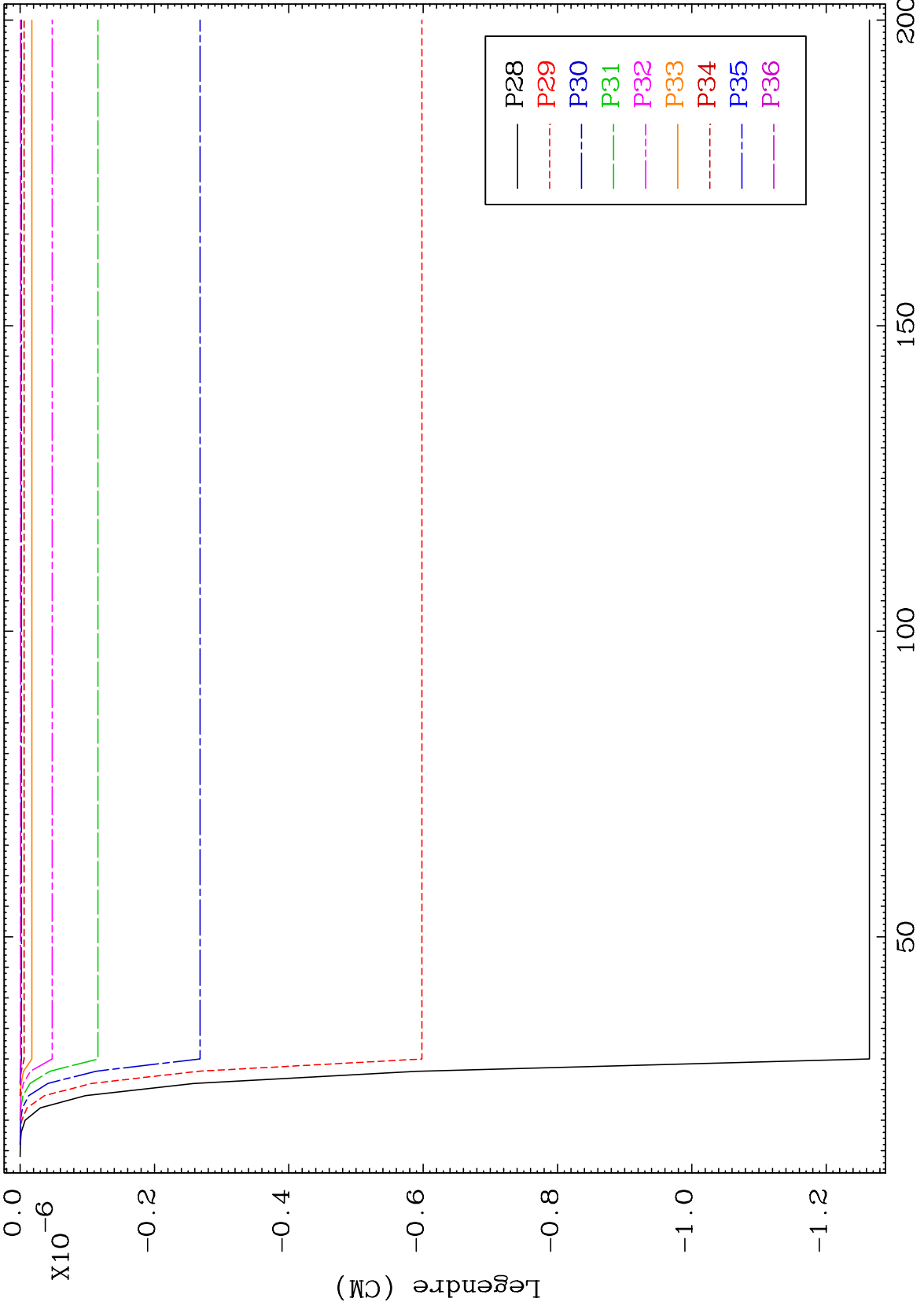


66

82-Pb-195

82-Pb-195

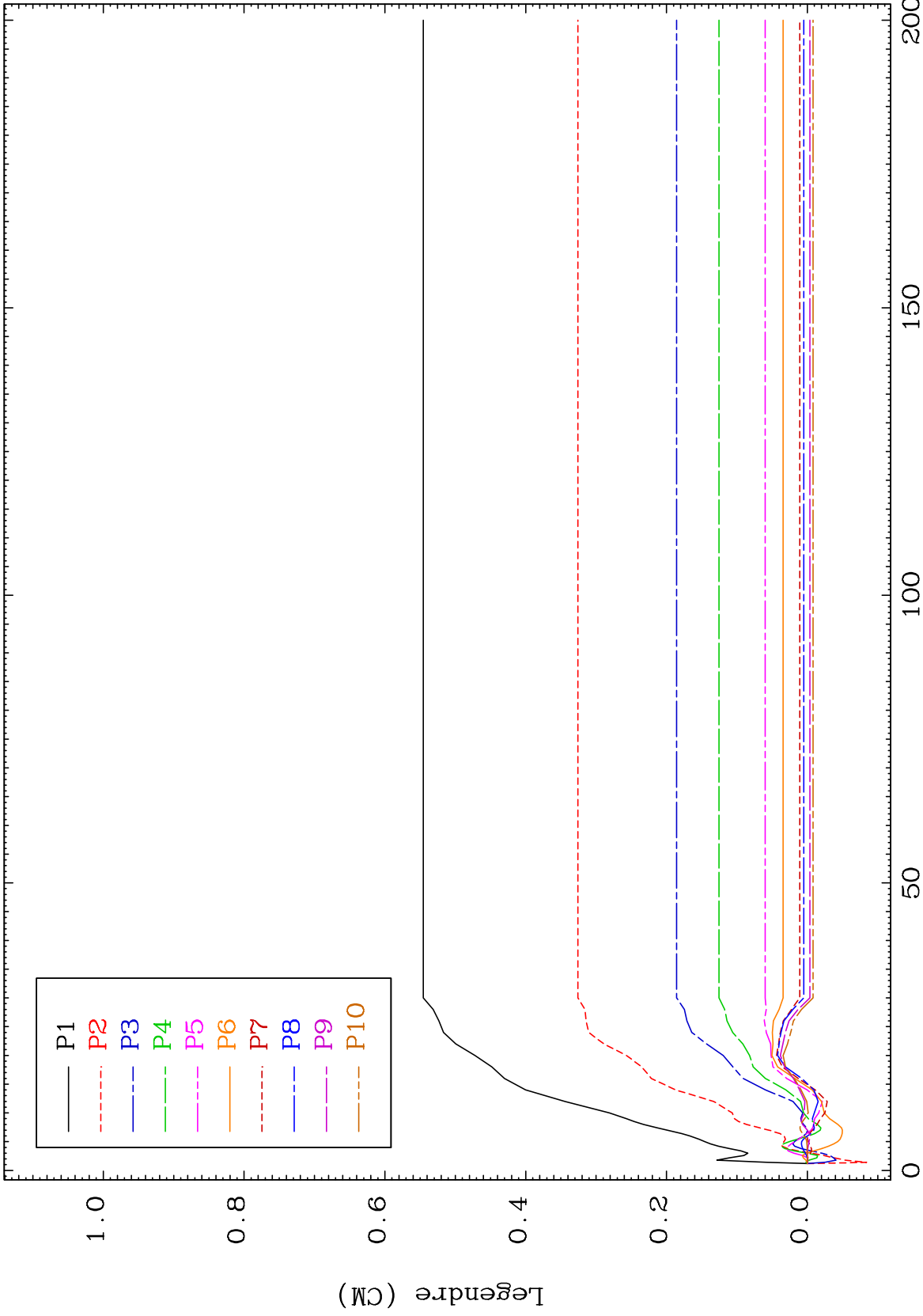
MAT 8198 MT= 62 (n,n') Level Legendre Coefficients 82-Pb-195



MAT 8198

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

82-Pb-195



68

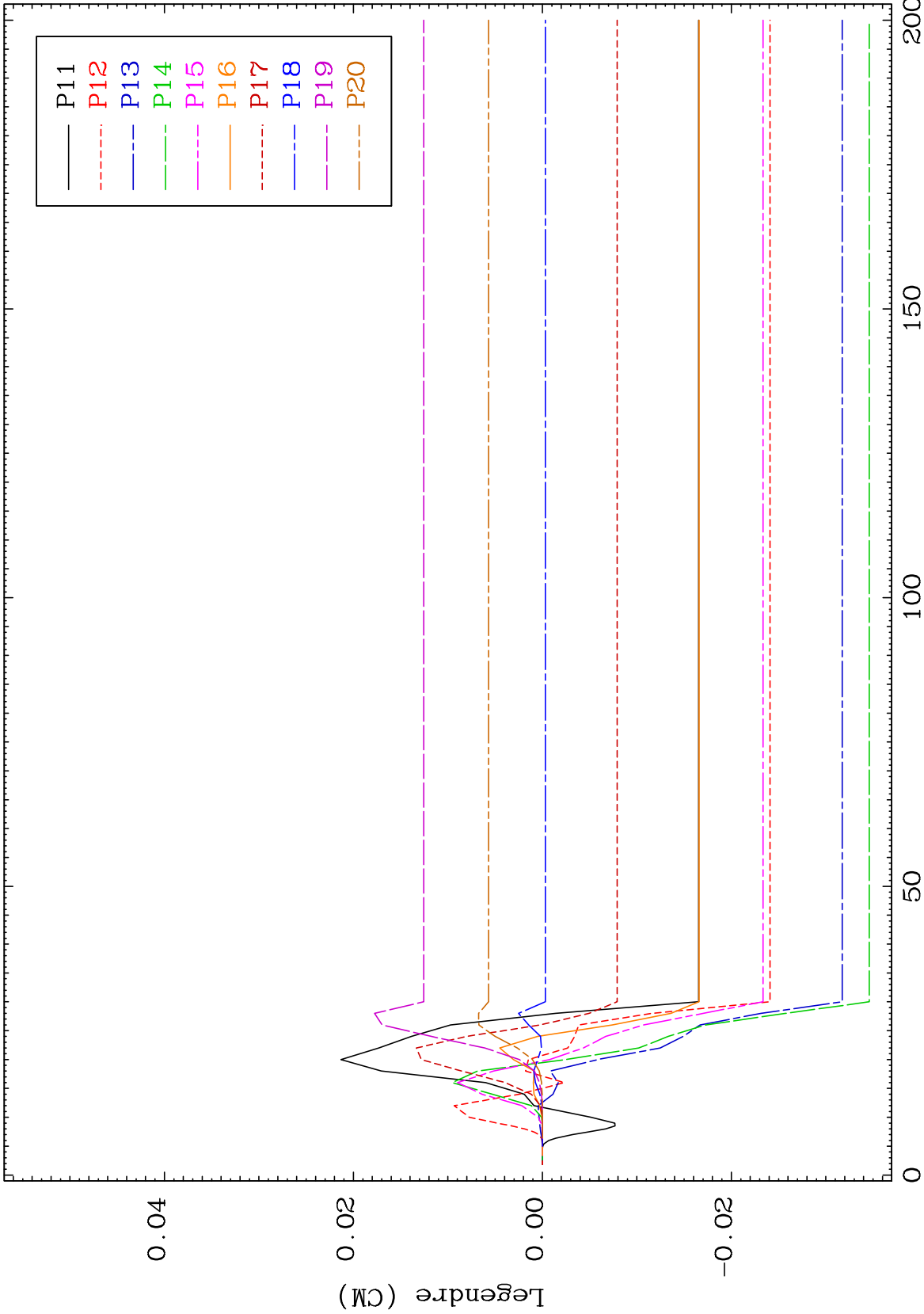
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



69

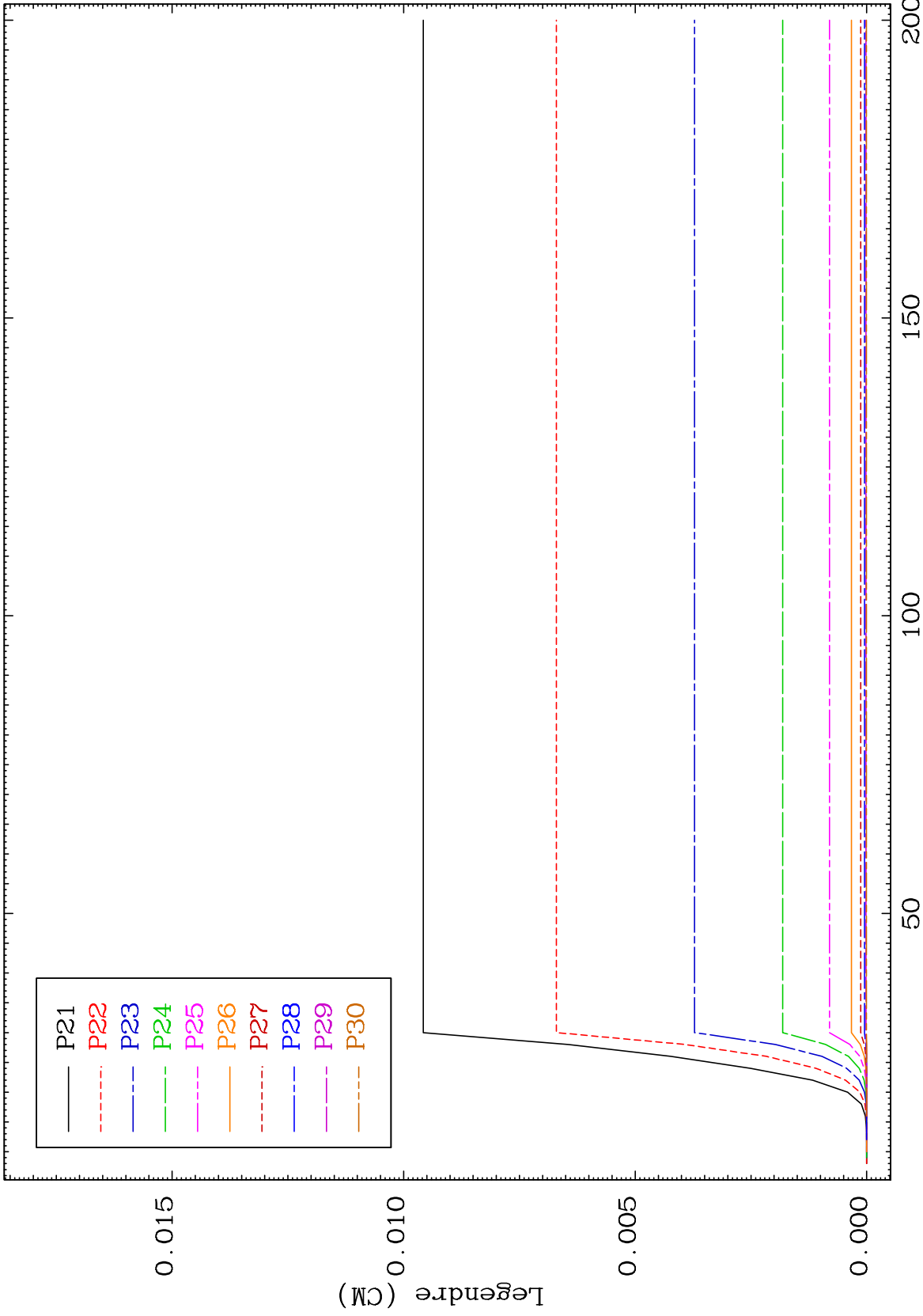
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



70

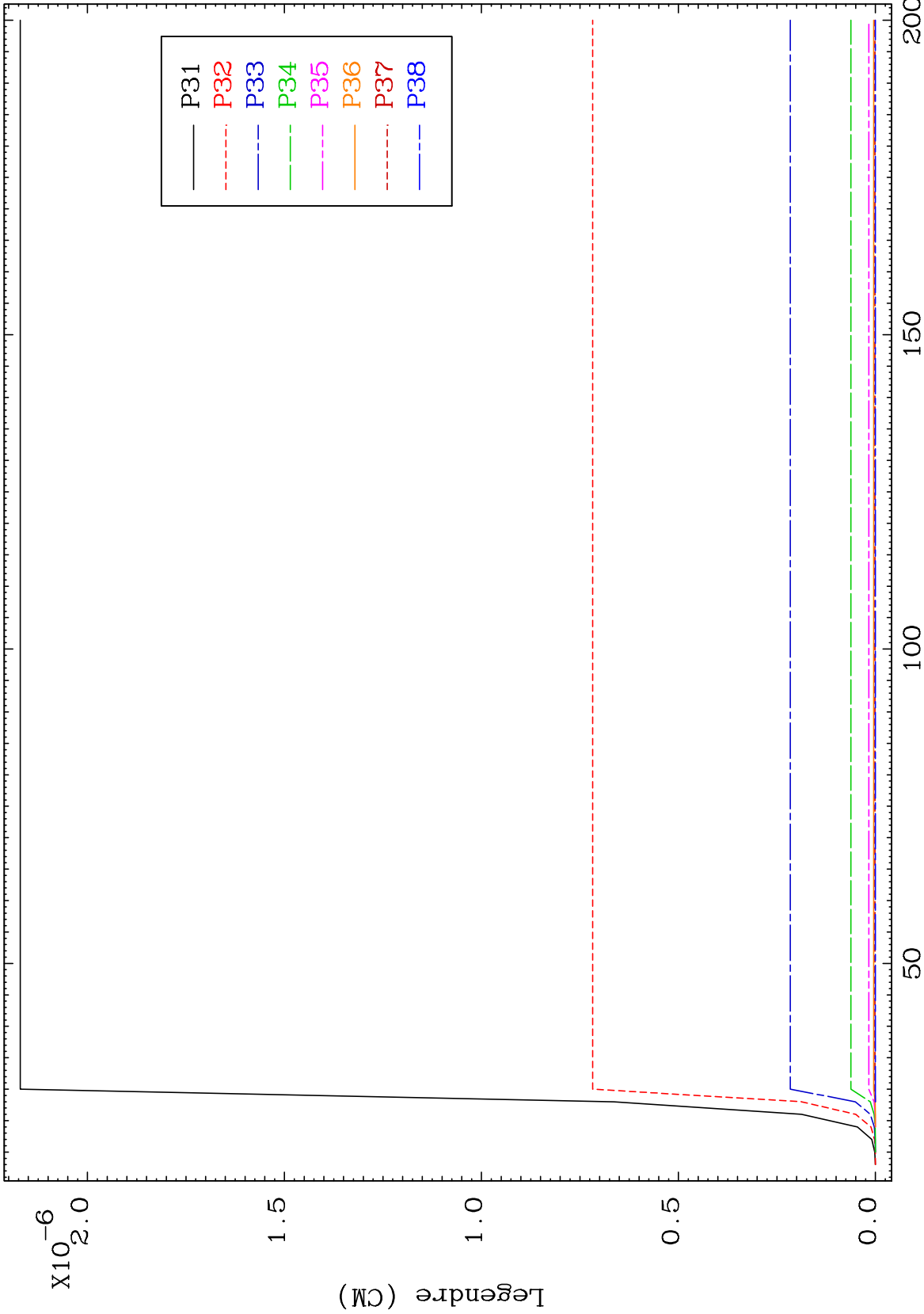
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



71

Incident Energy (MeV)

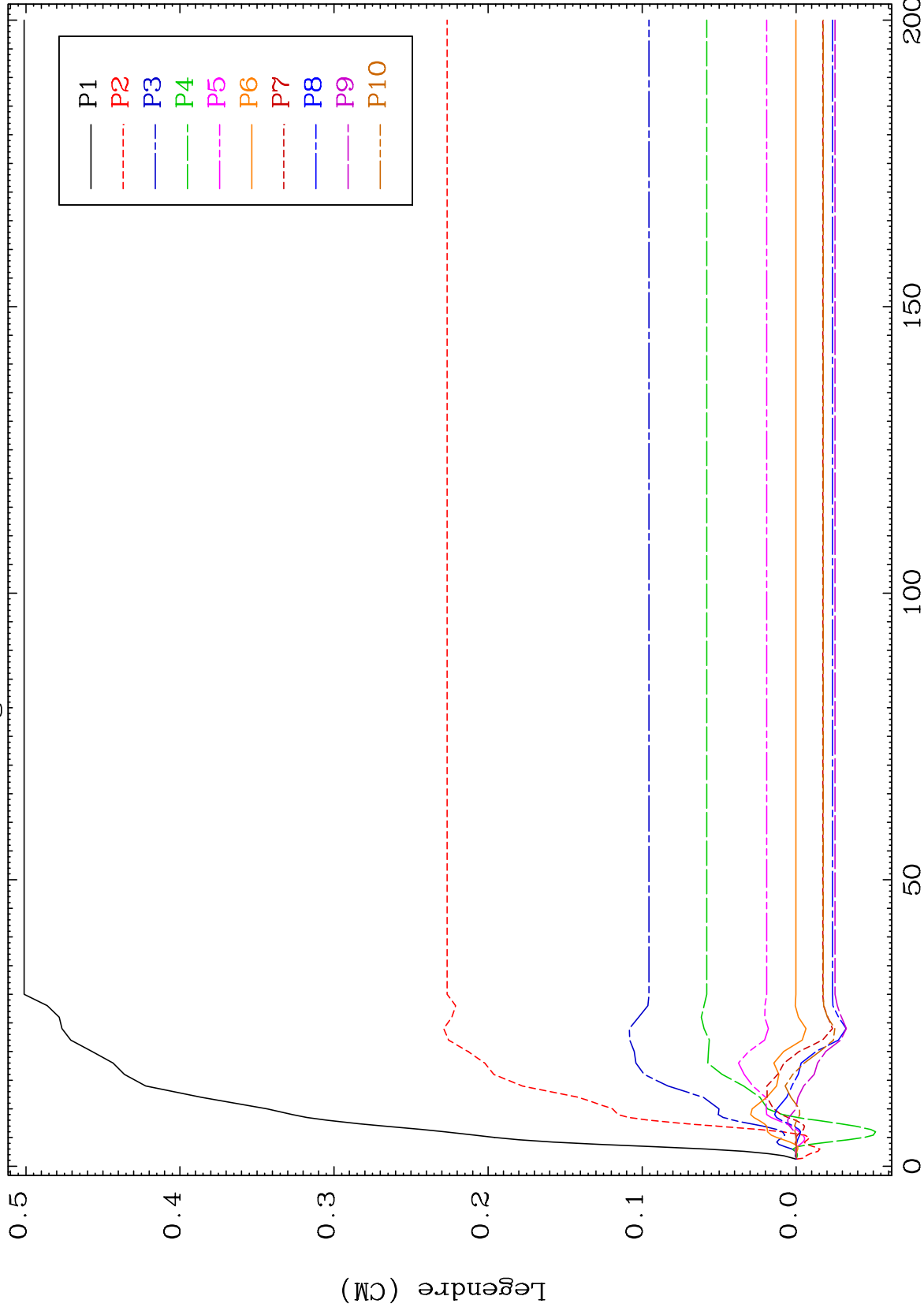
82-Pb-195



MAT 8198

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

82-Pb-195



72

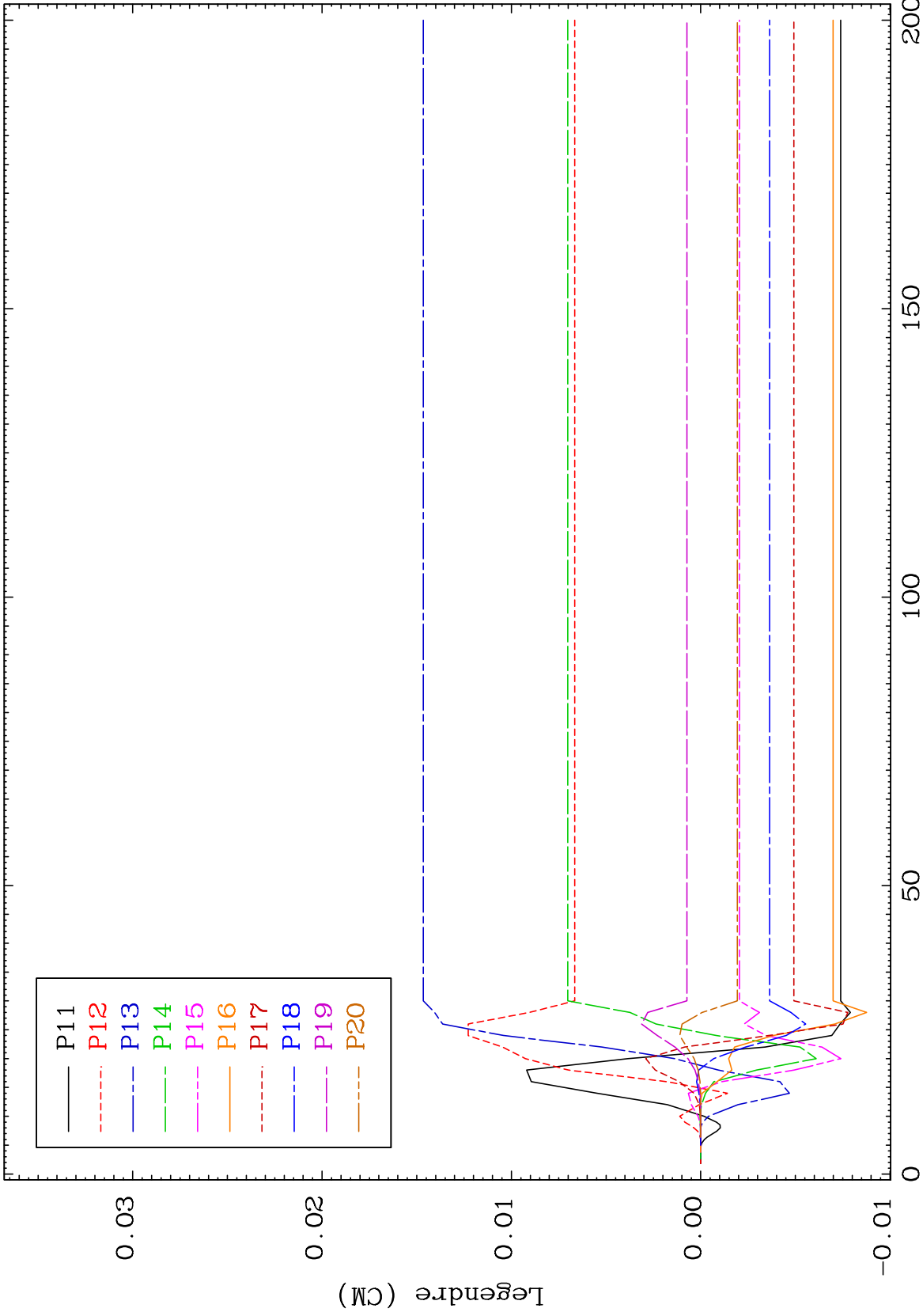
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



73

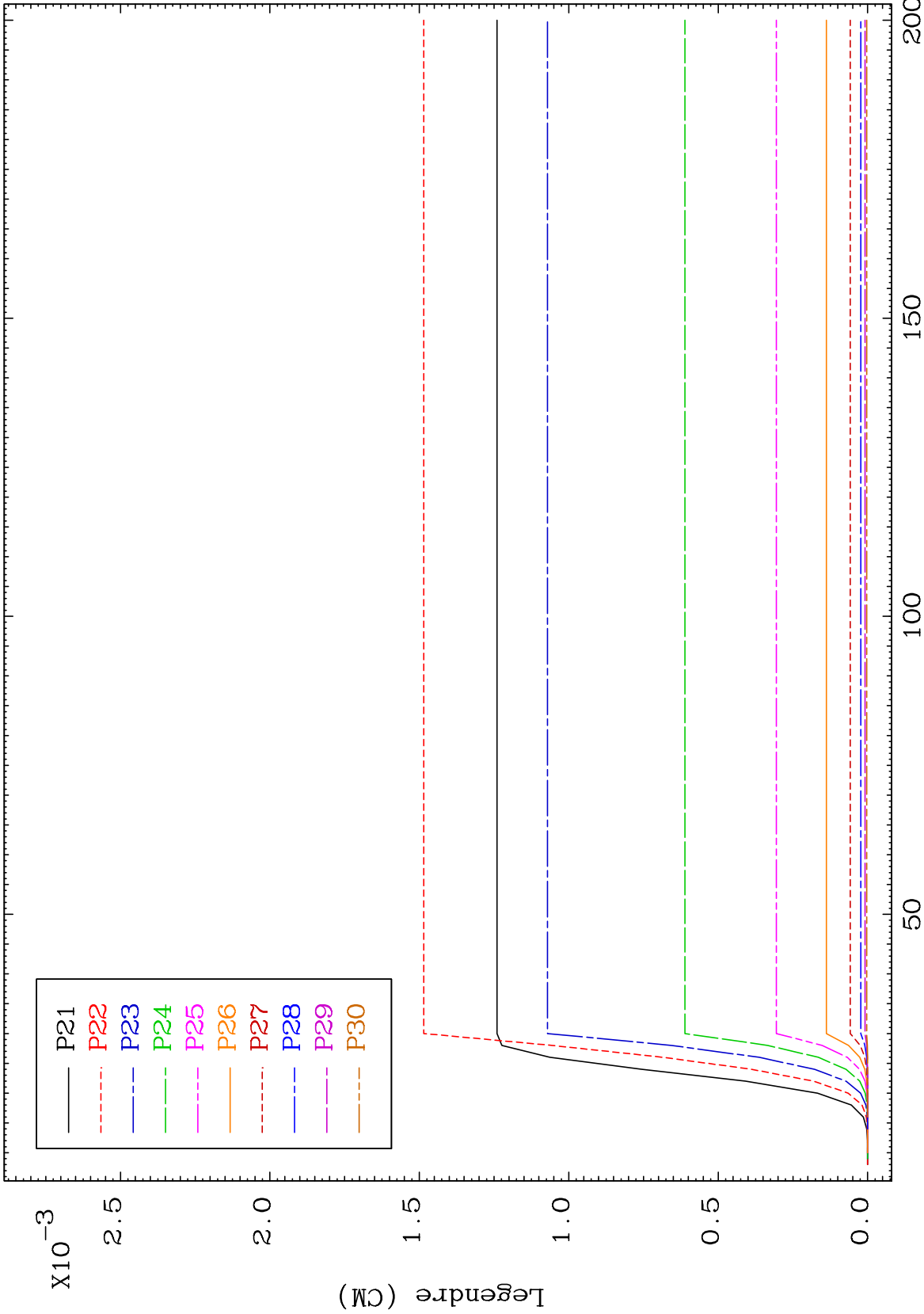
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



74

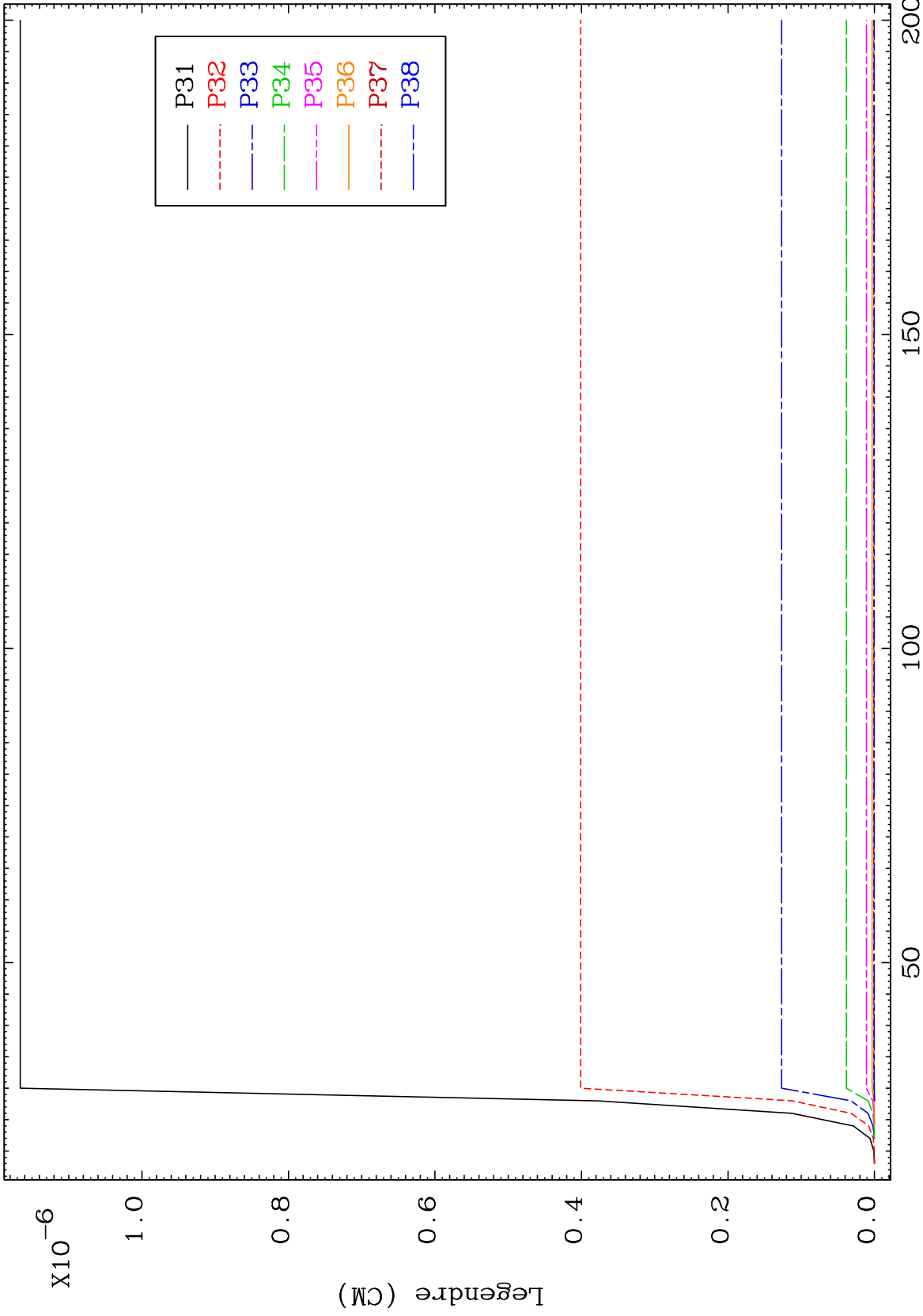
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



75

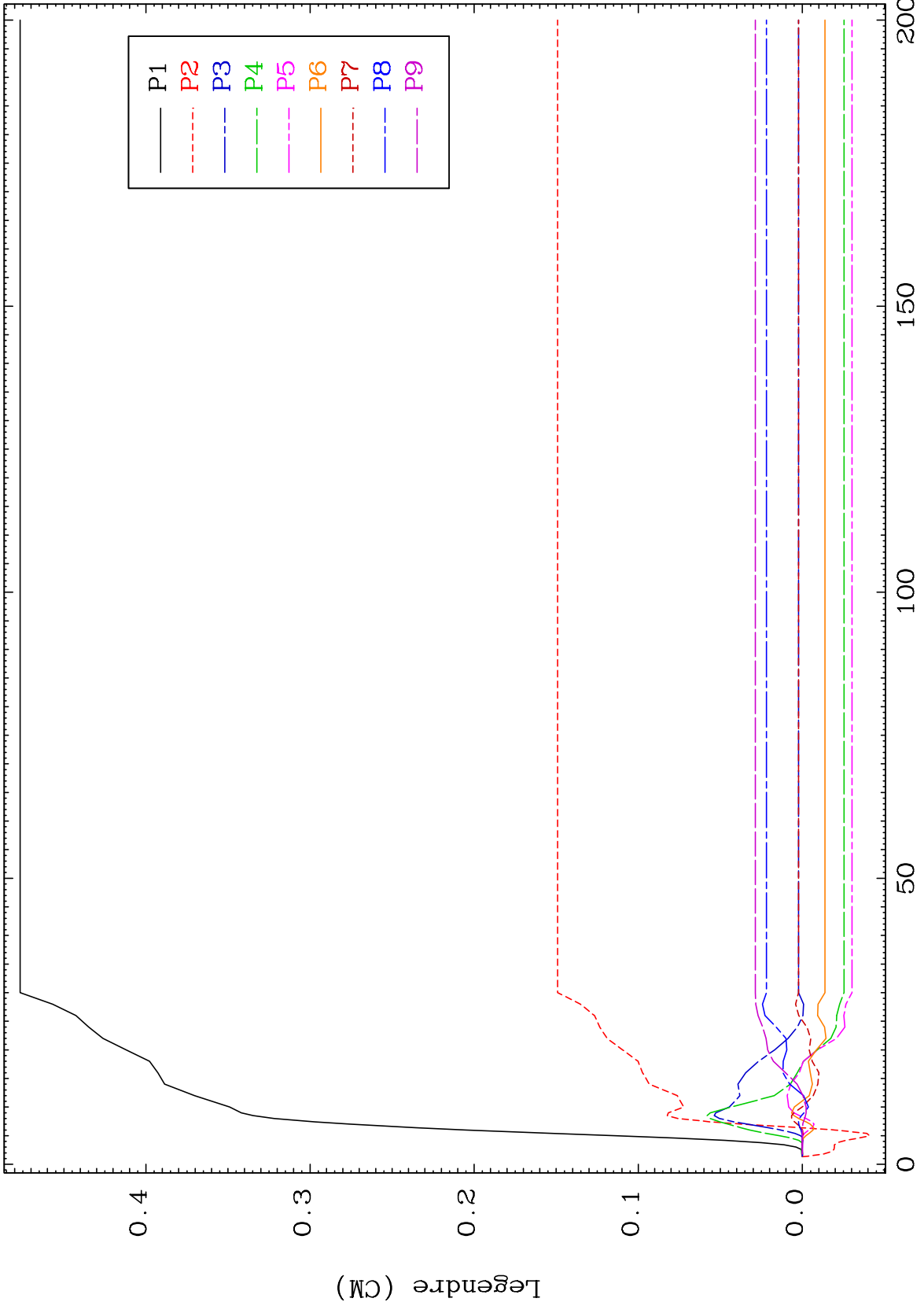
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



76

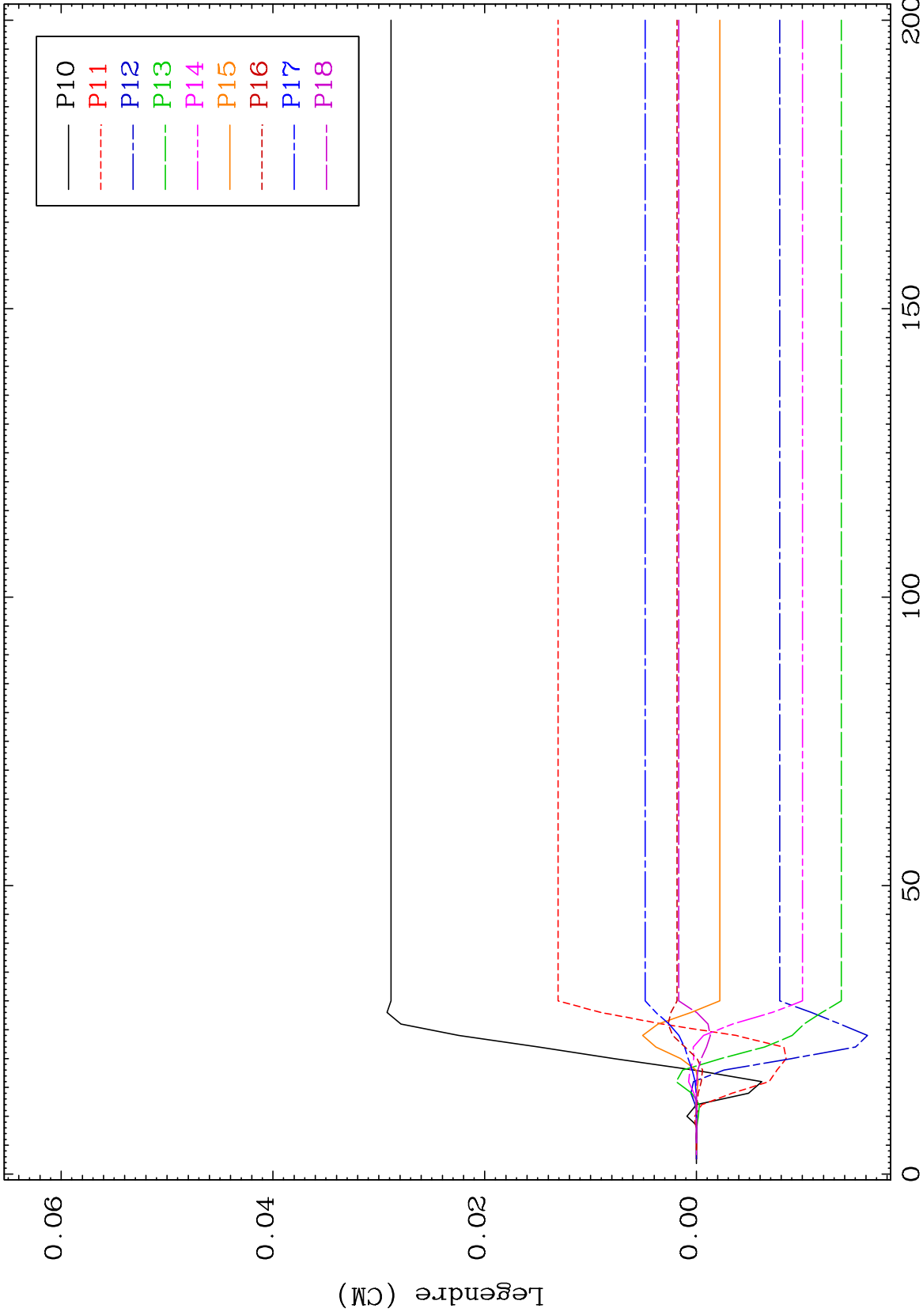
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



77

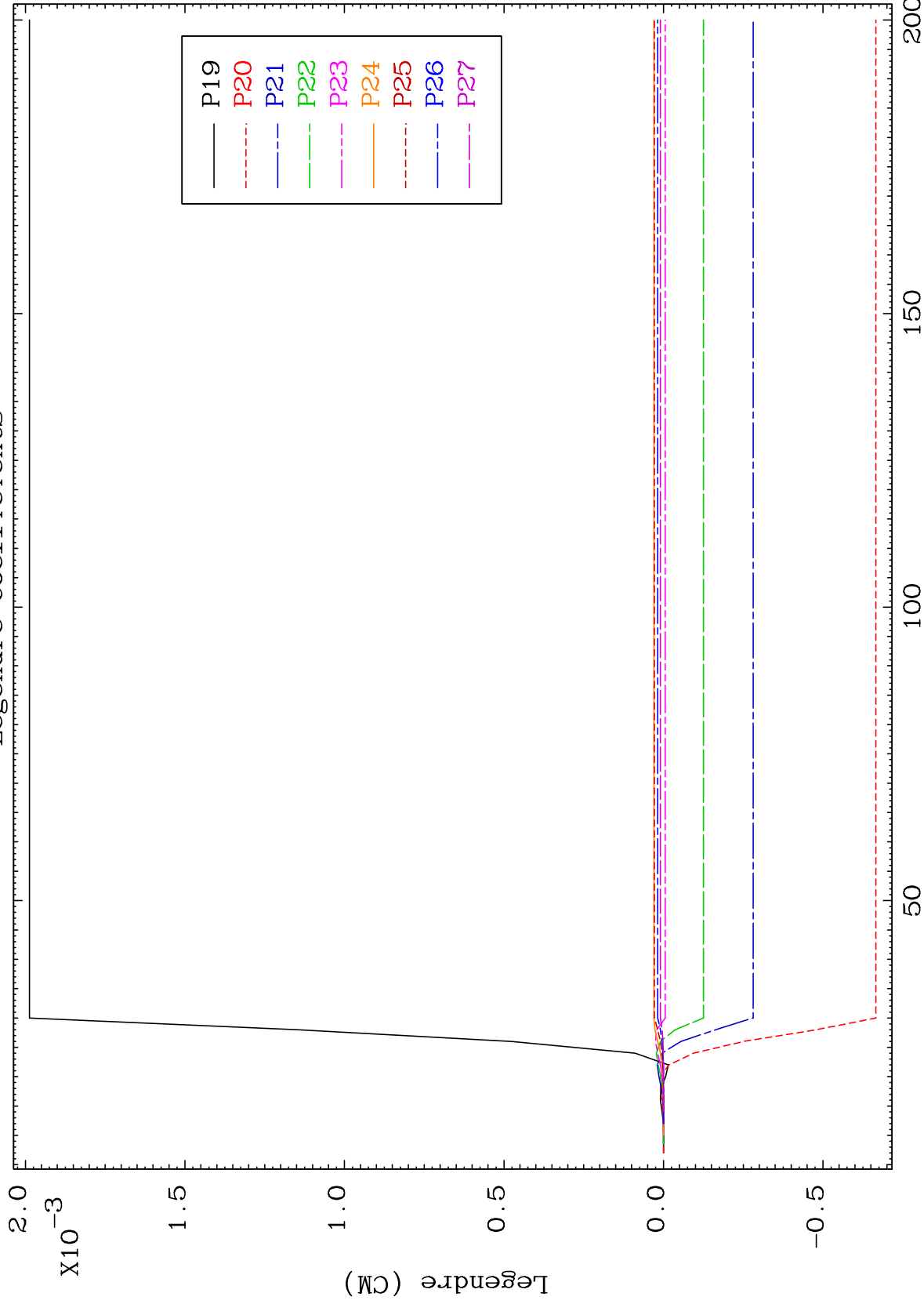
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



78

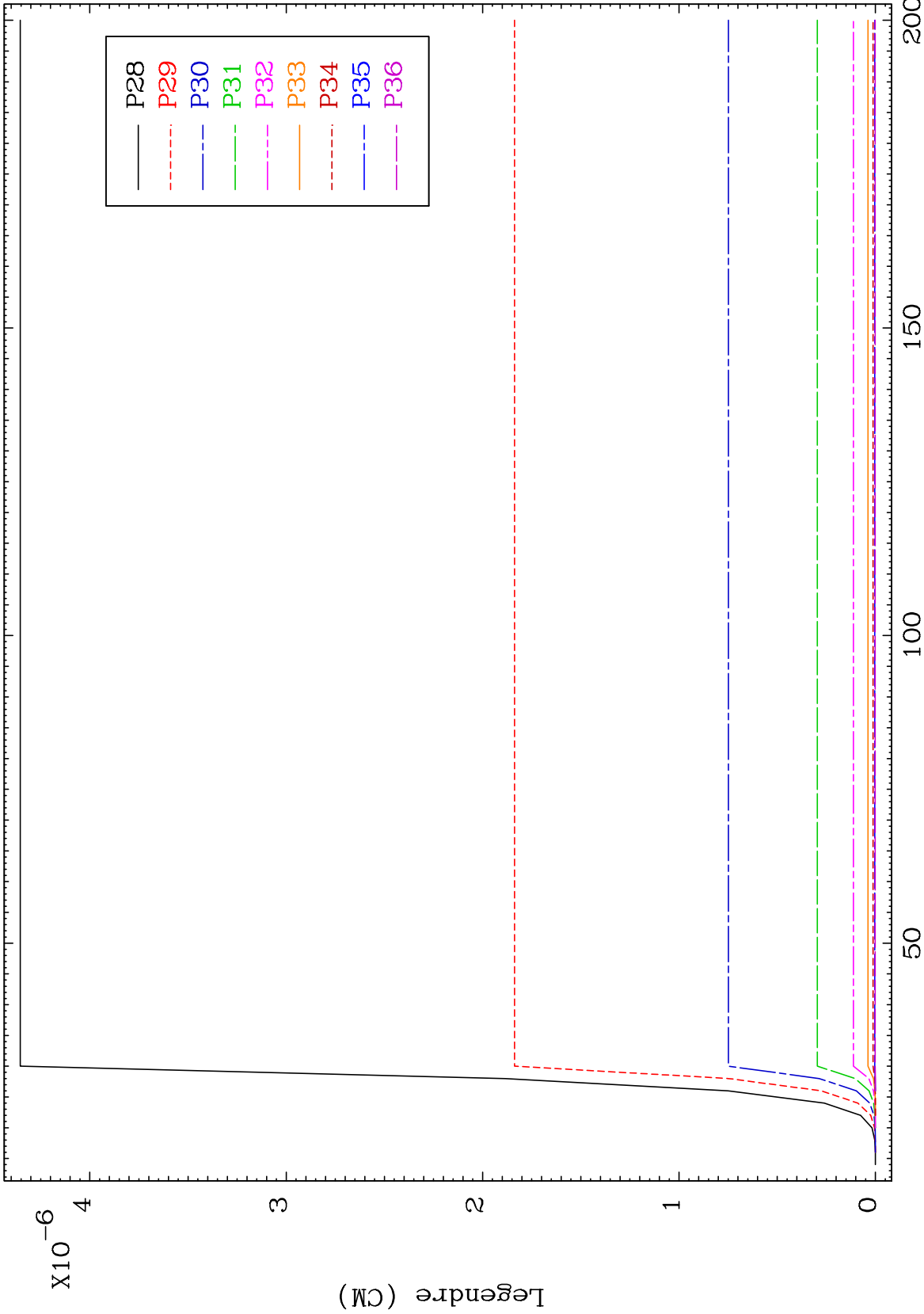
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



79

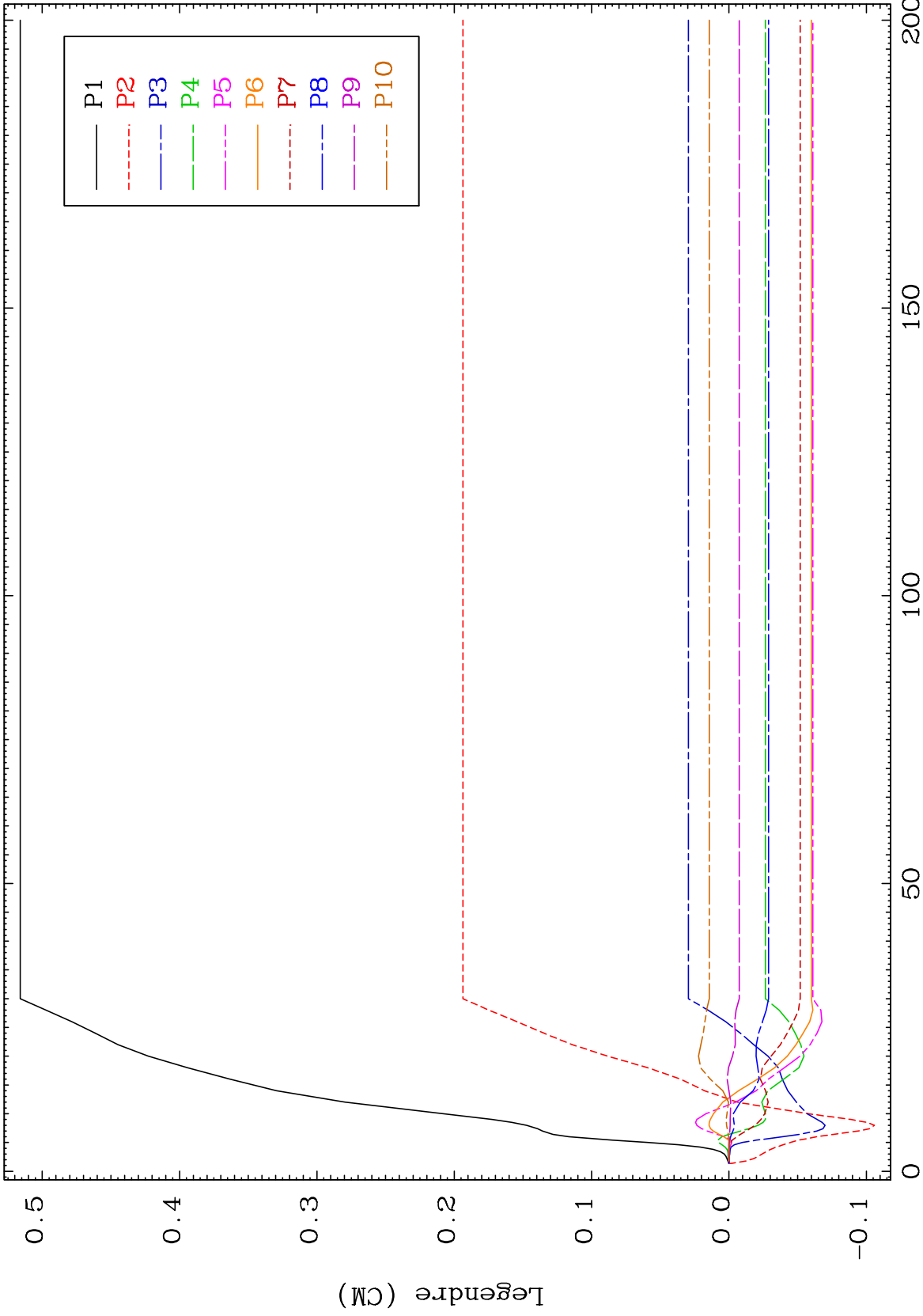
82-Pb-195



MAT 8198

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

82-Pb-195



82-Pb-195

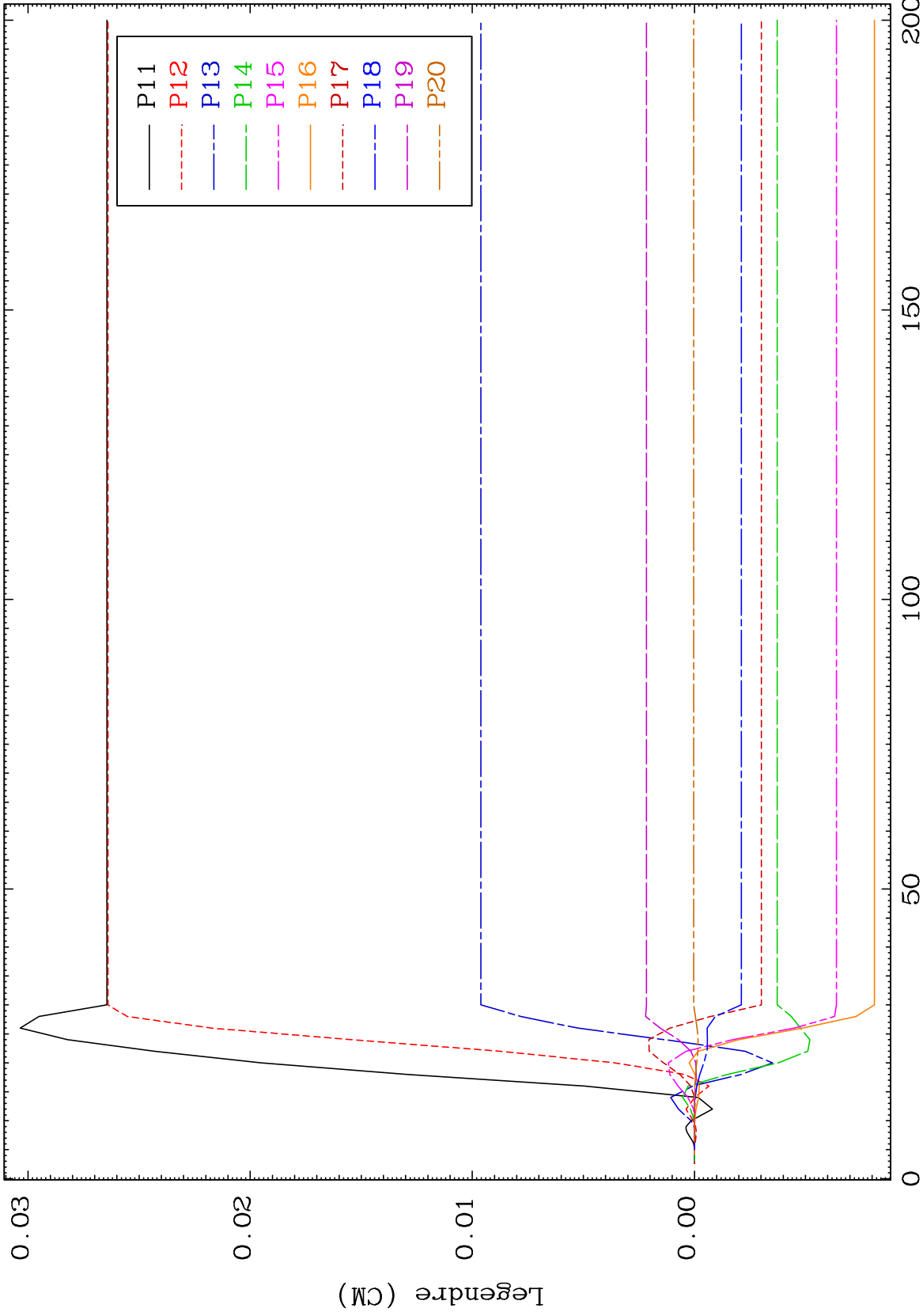
Incident Energy (MeV)

80

MAT 8198

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

82-Pb-195



81

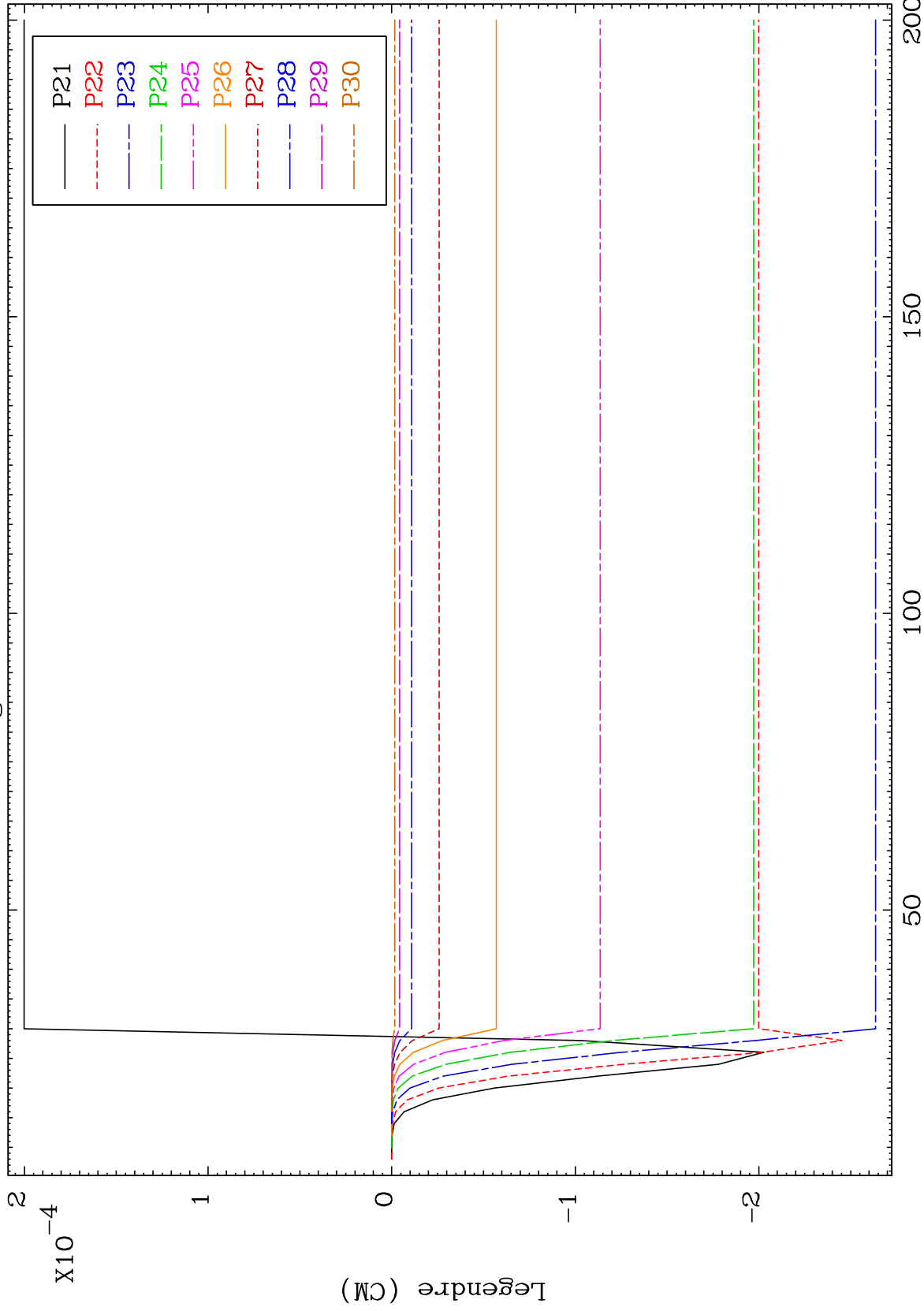
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



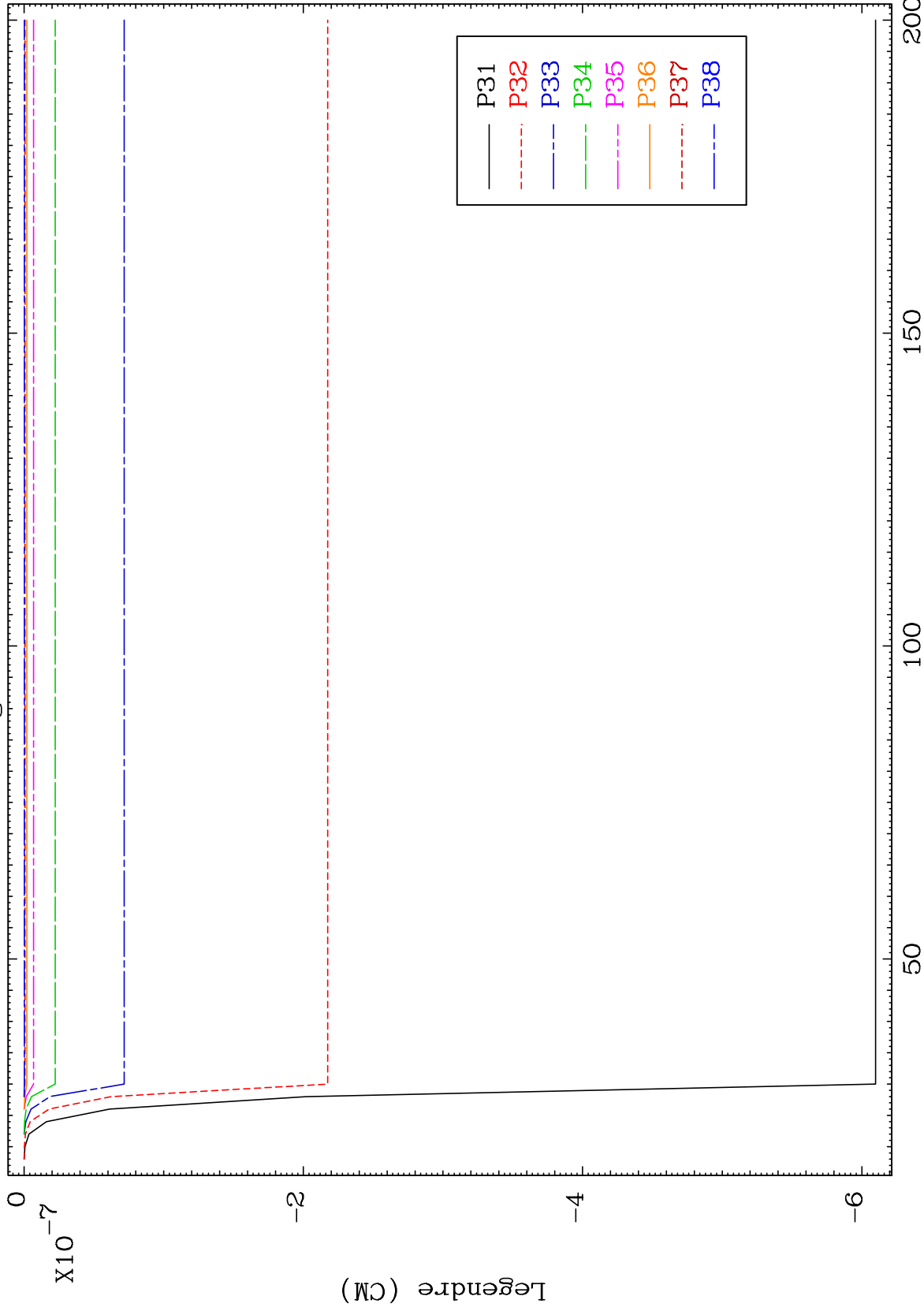
82

82-Pb-195

MAT 8198

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

82-Pb-195



82-Pb-195

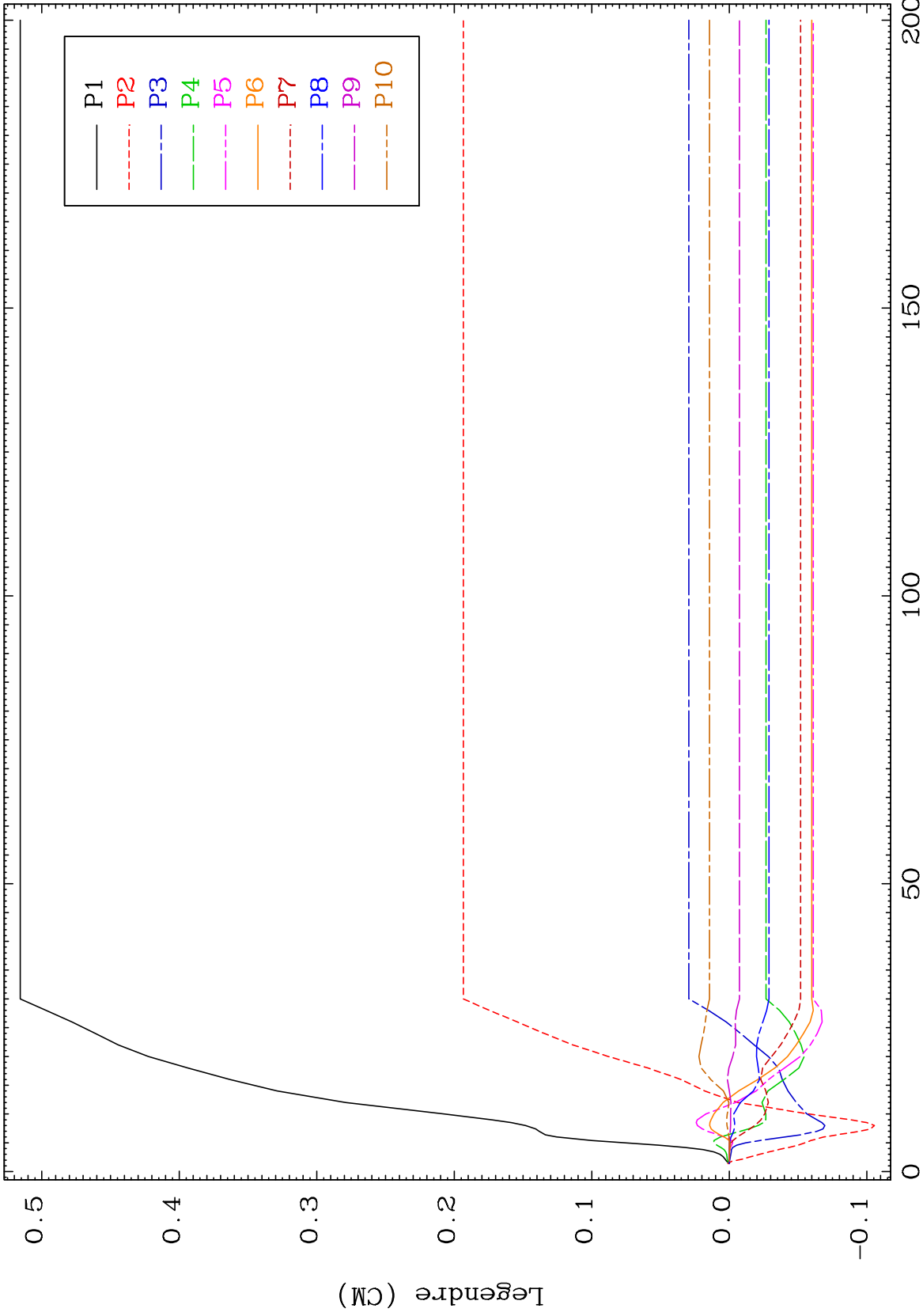
Incident Energy (MeV)

83

MAT 8198

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

82-Pb-195



84

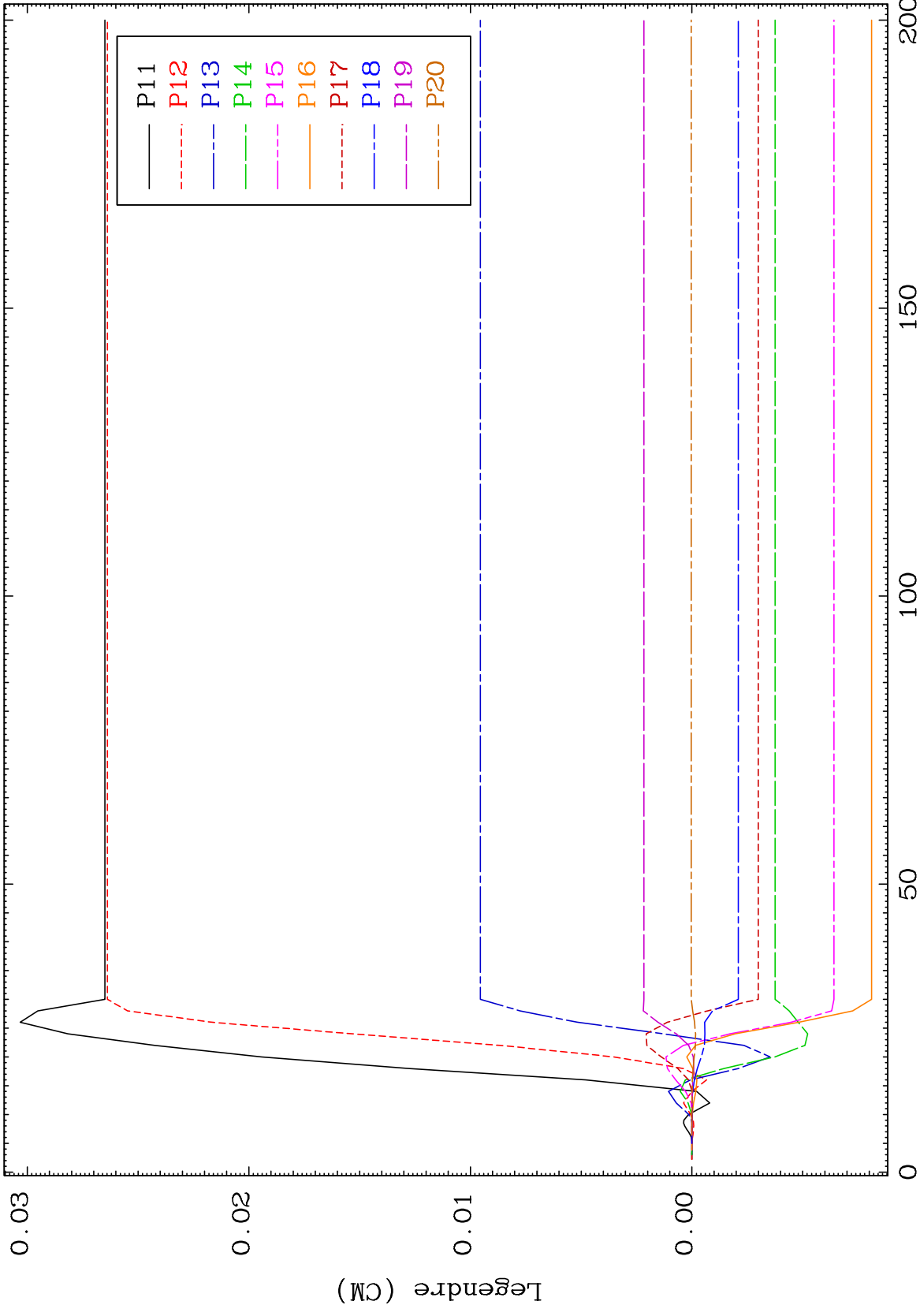
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



85

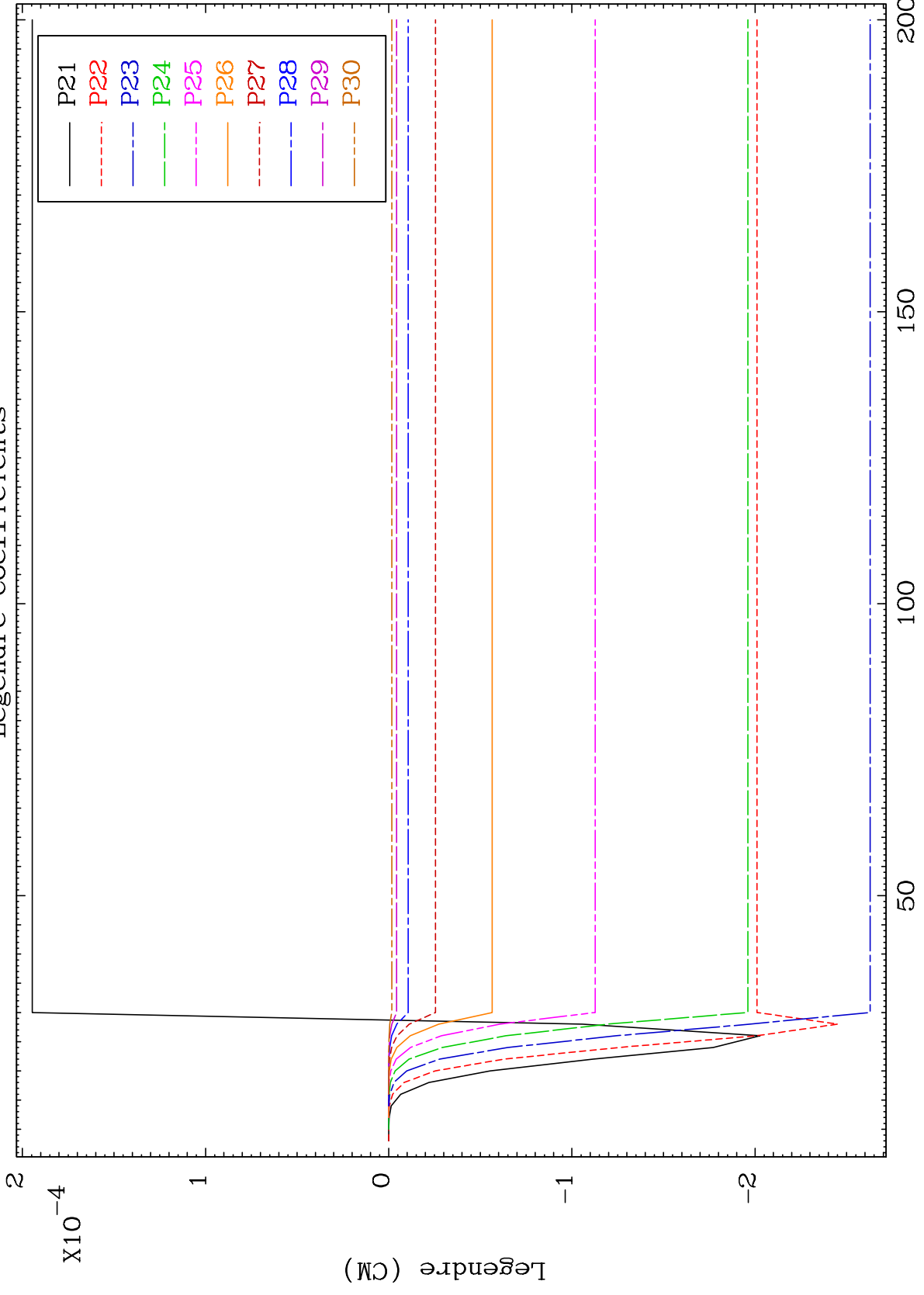
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



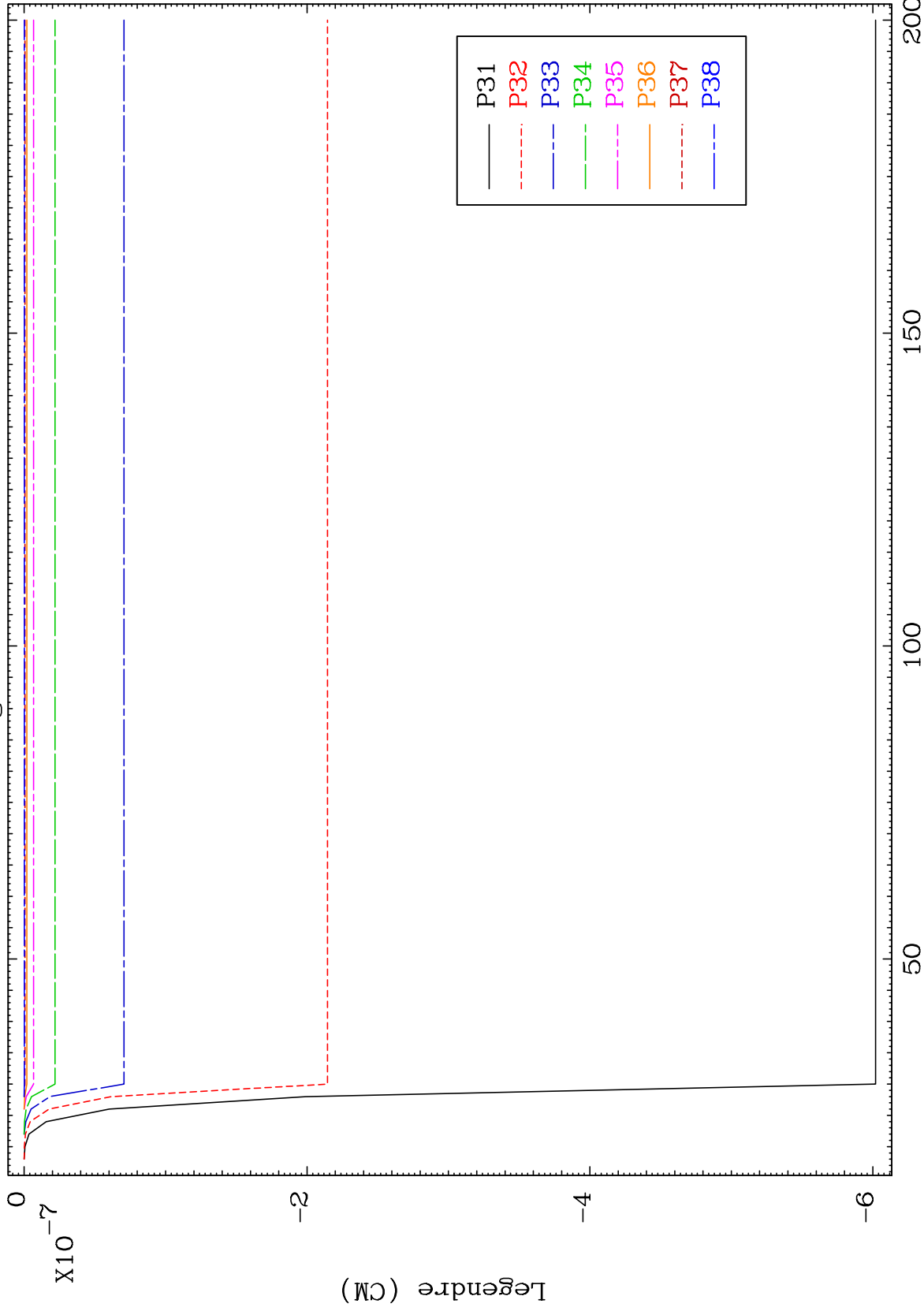
86

82-Pb-195

MAT 8198

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

82-Pb-195



87

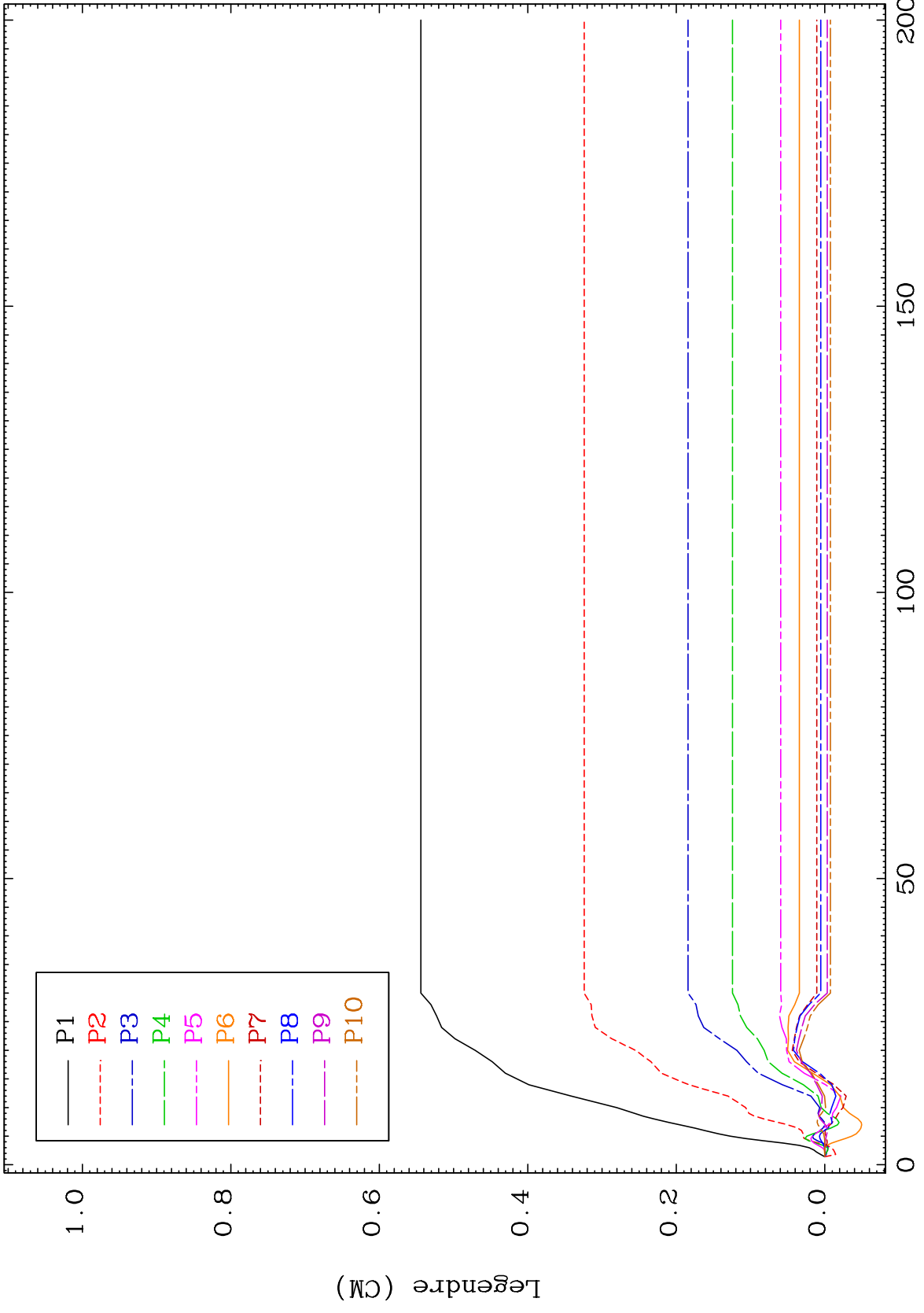
82-Pb-195



MAT 8198

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

82-Pb-195



88

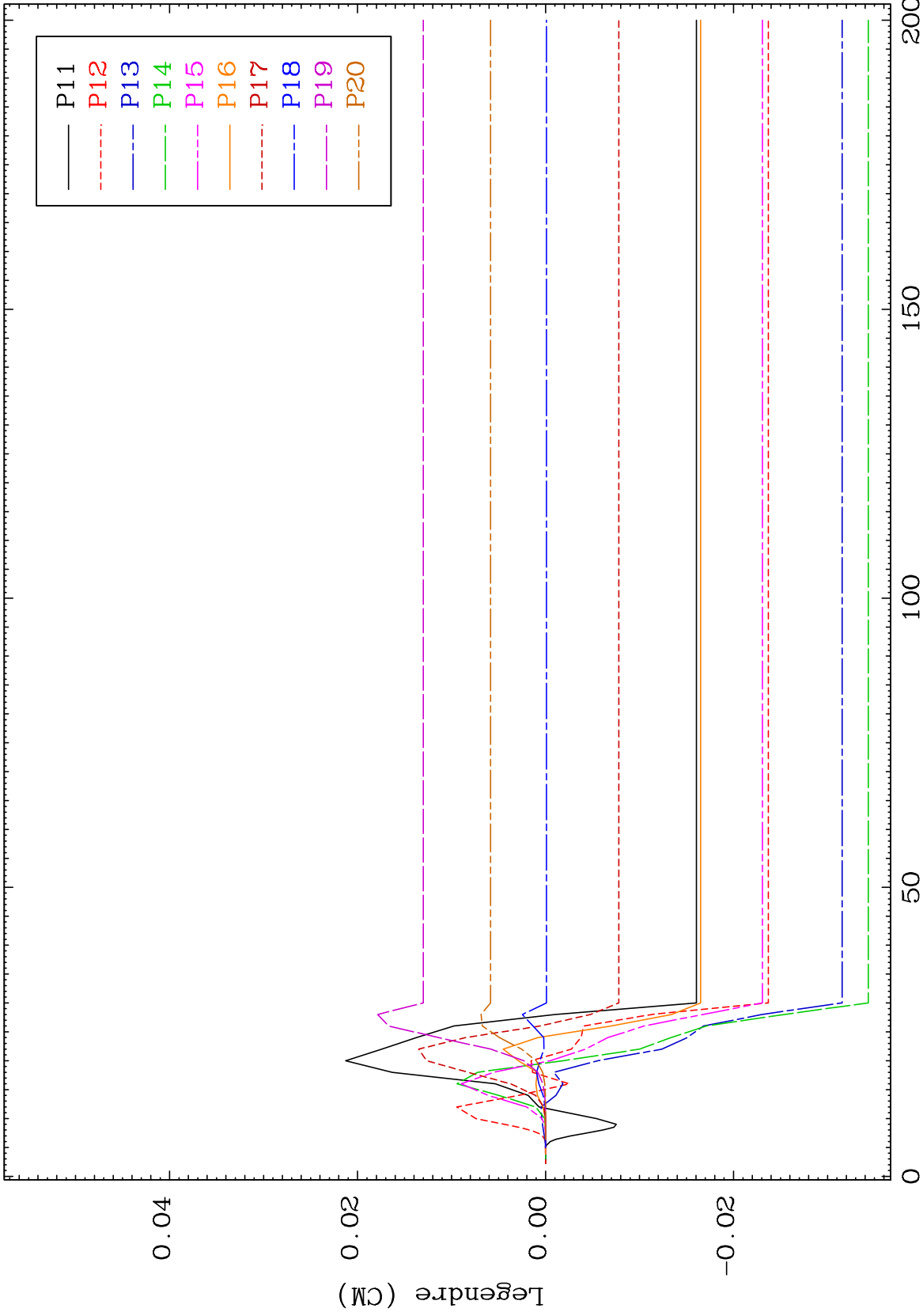
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



89

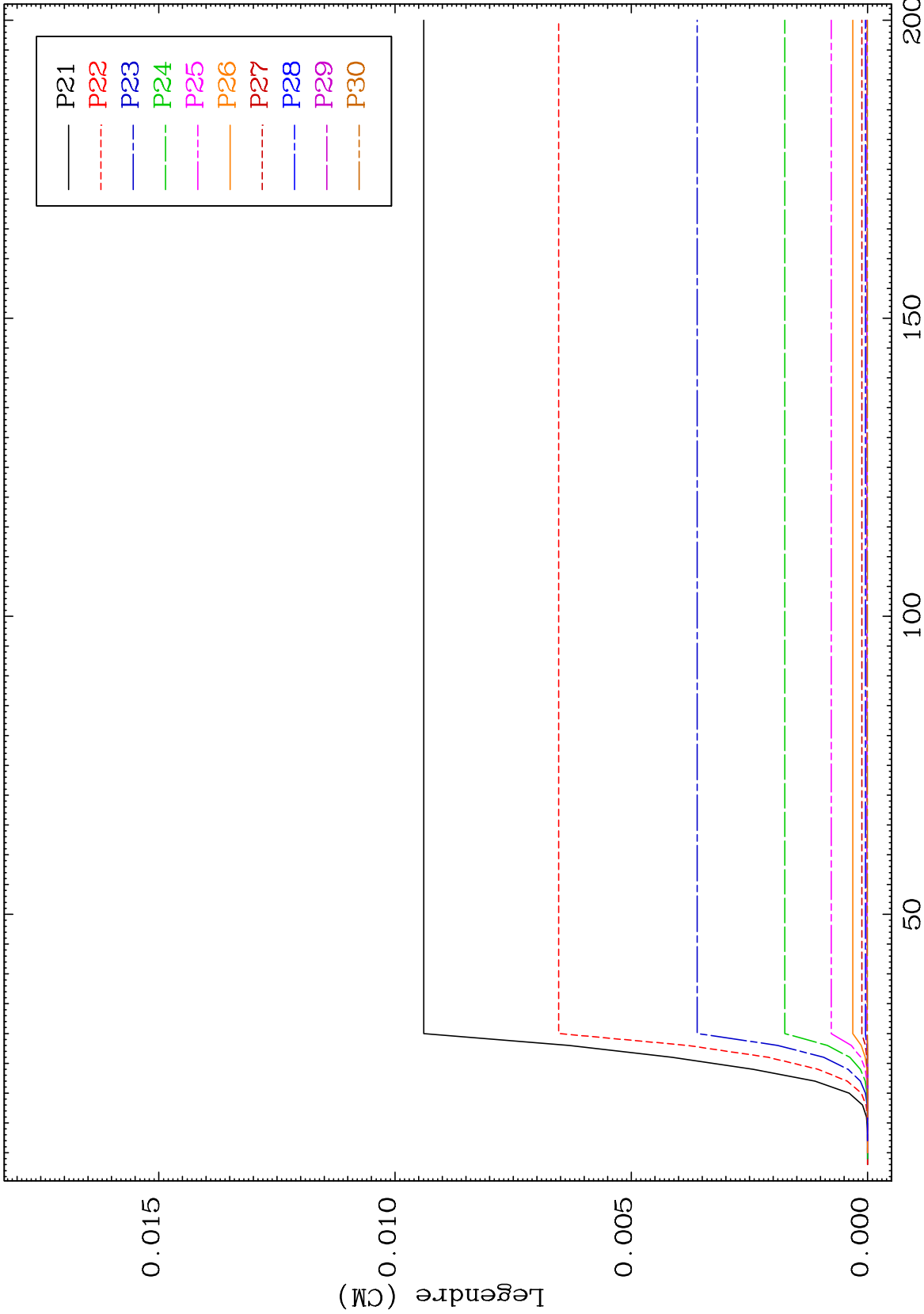
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



90

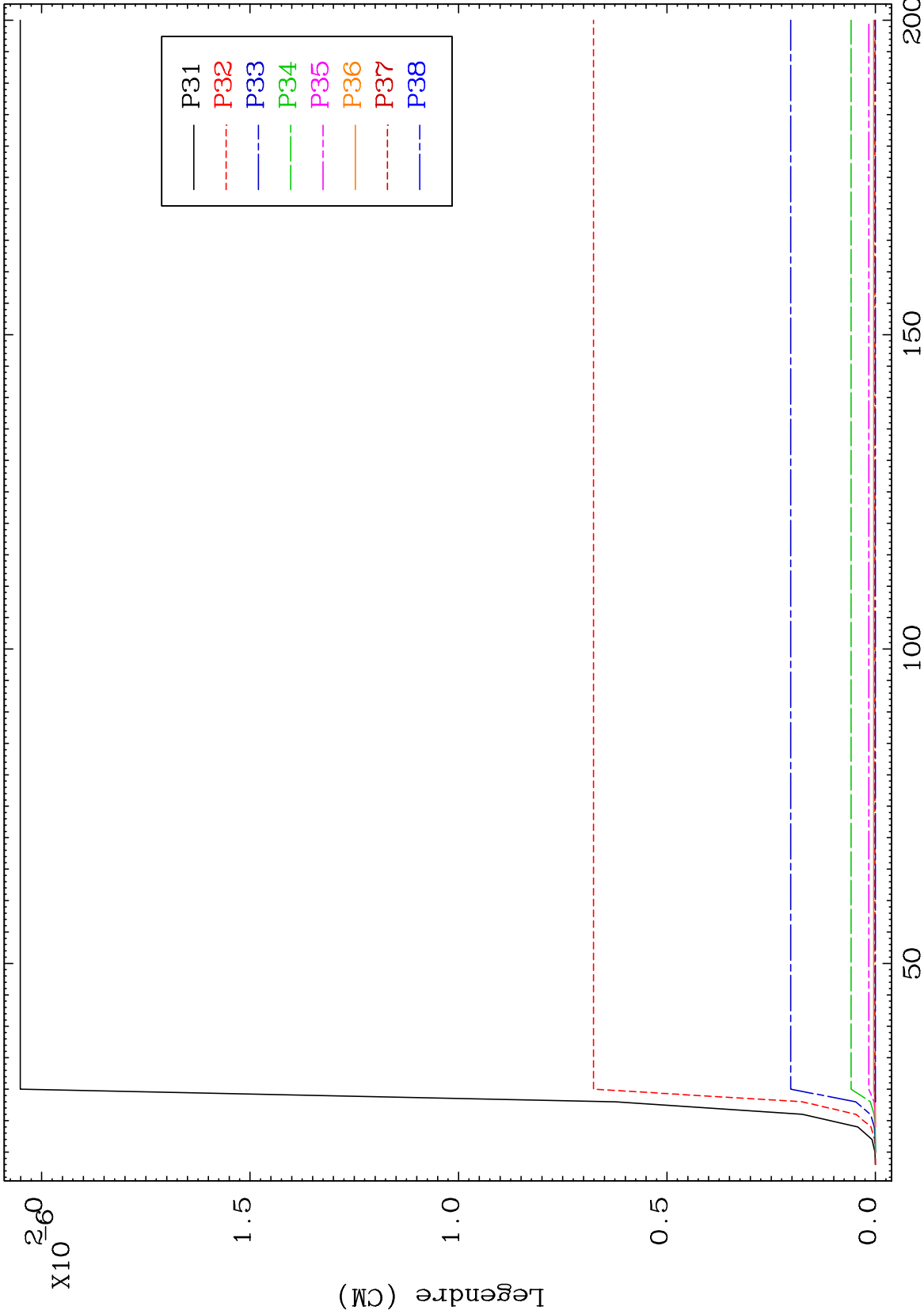
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



91

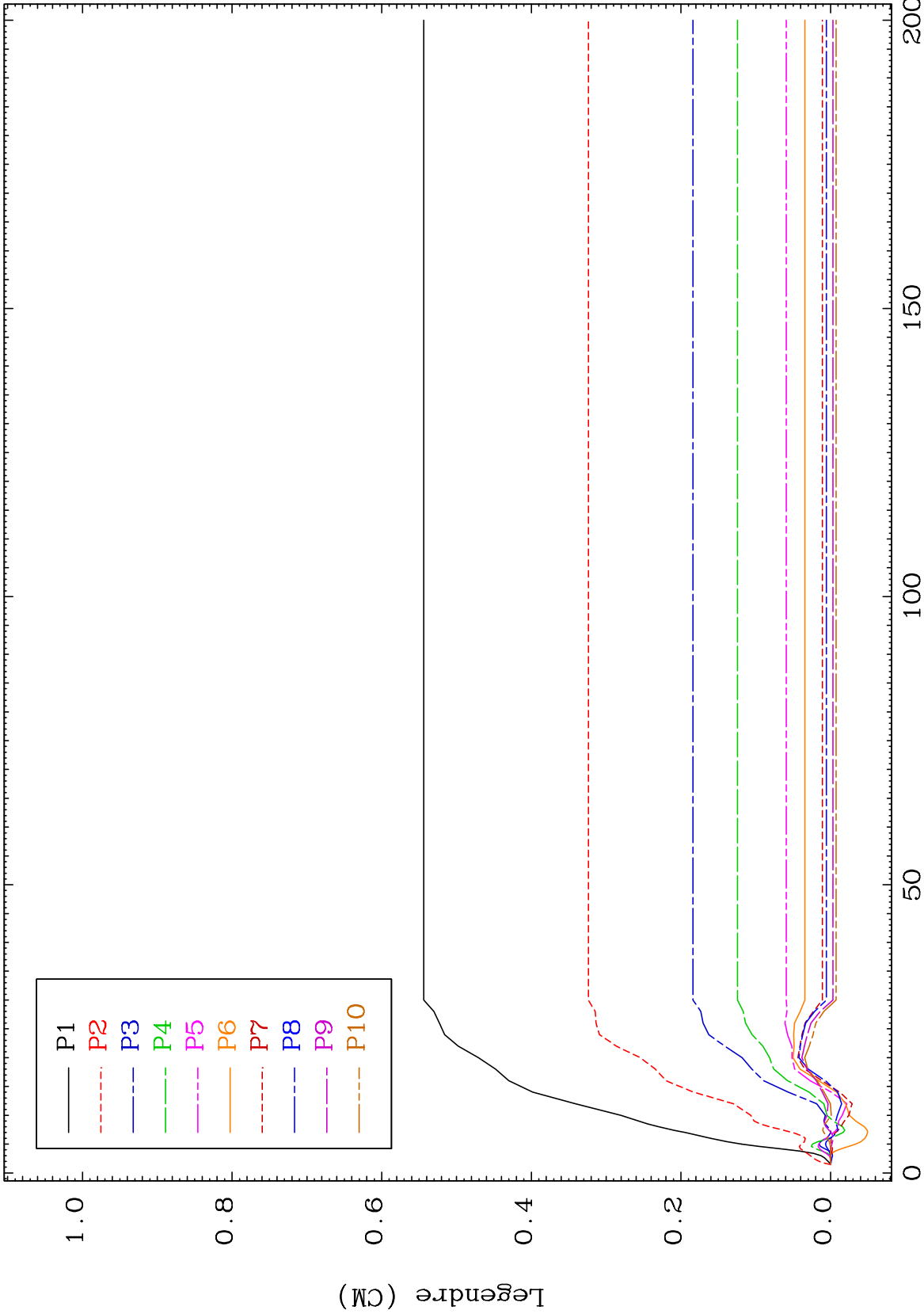
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



92

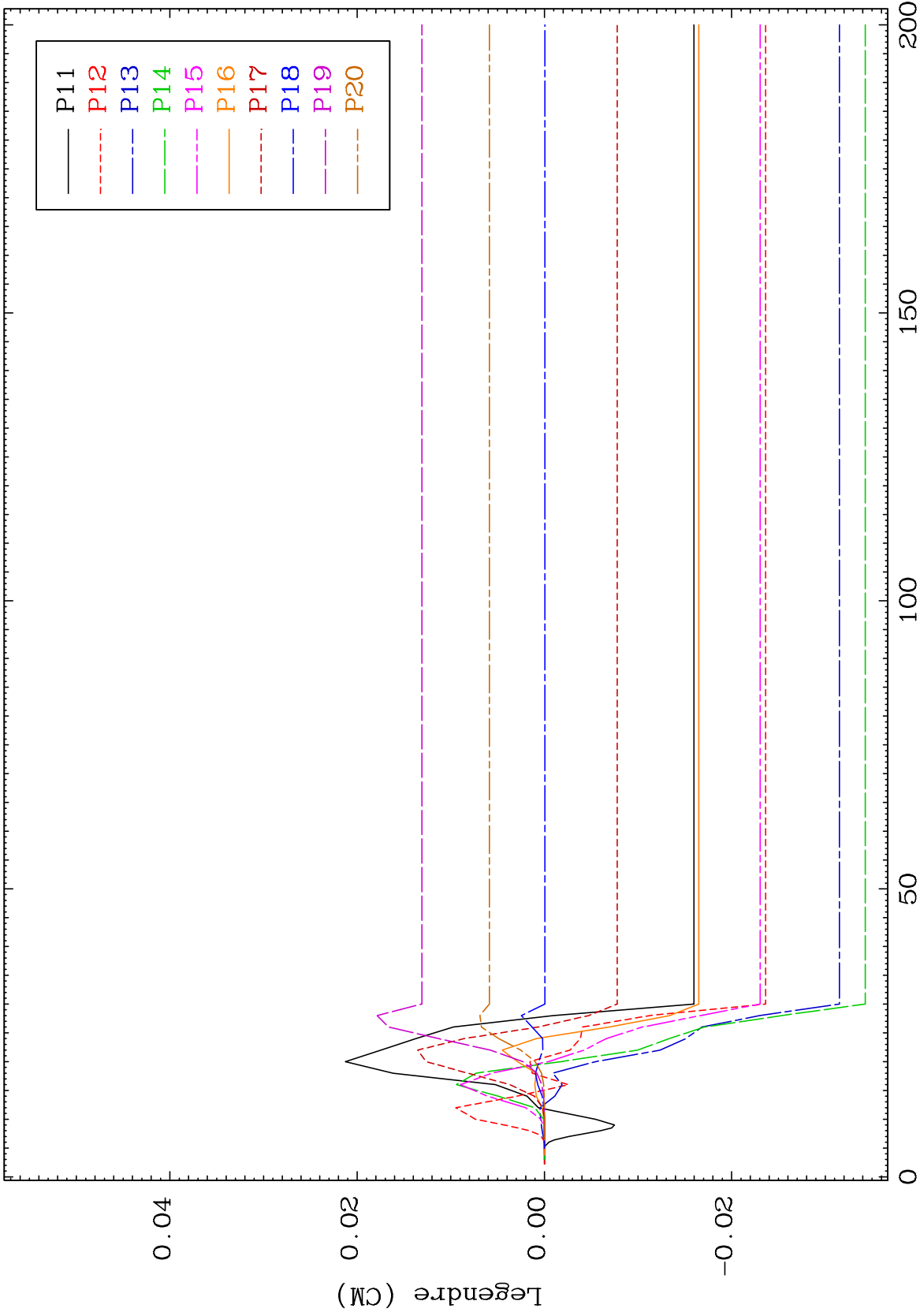
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



93

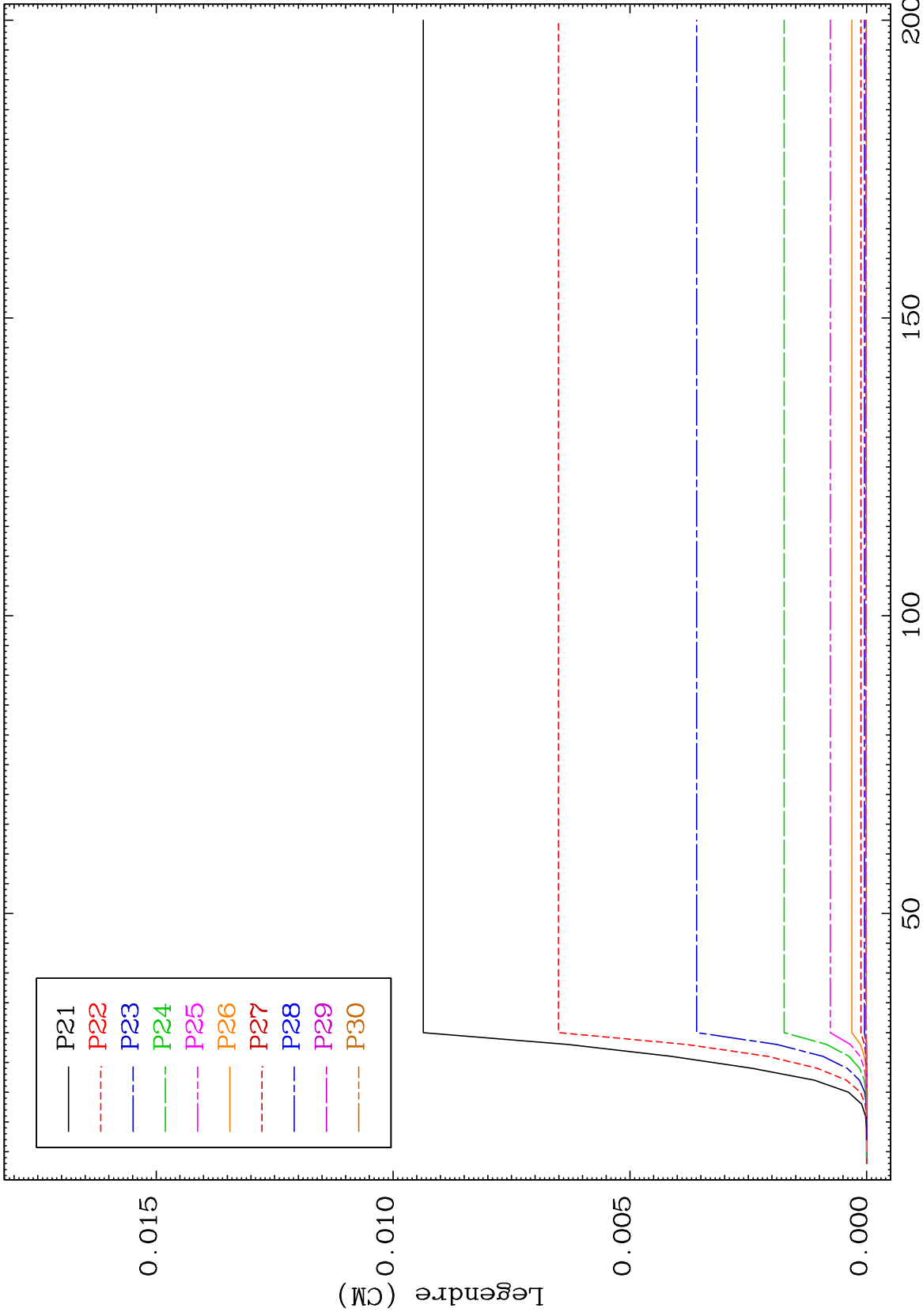
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



94

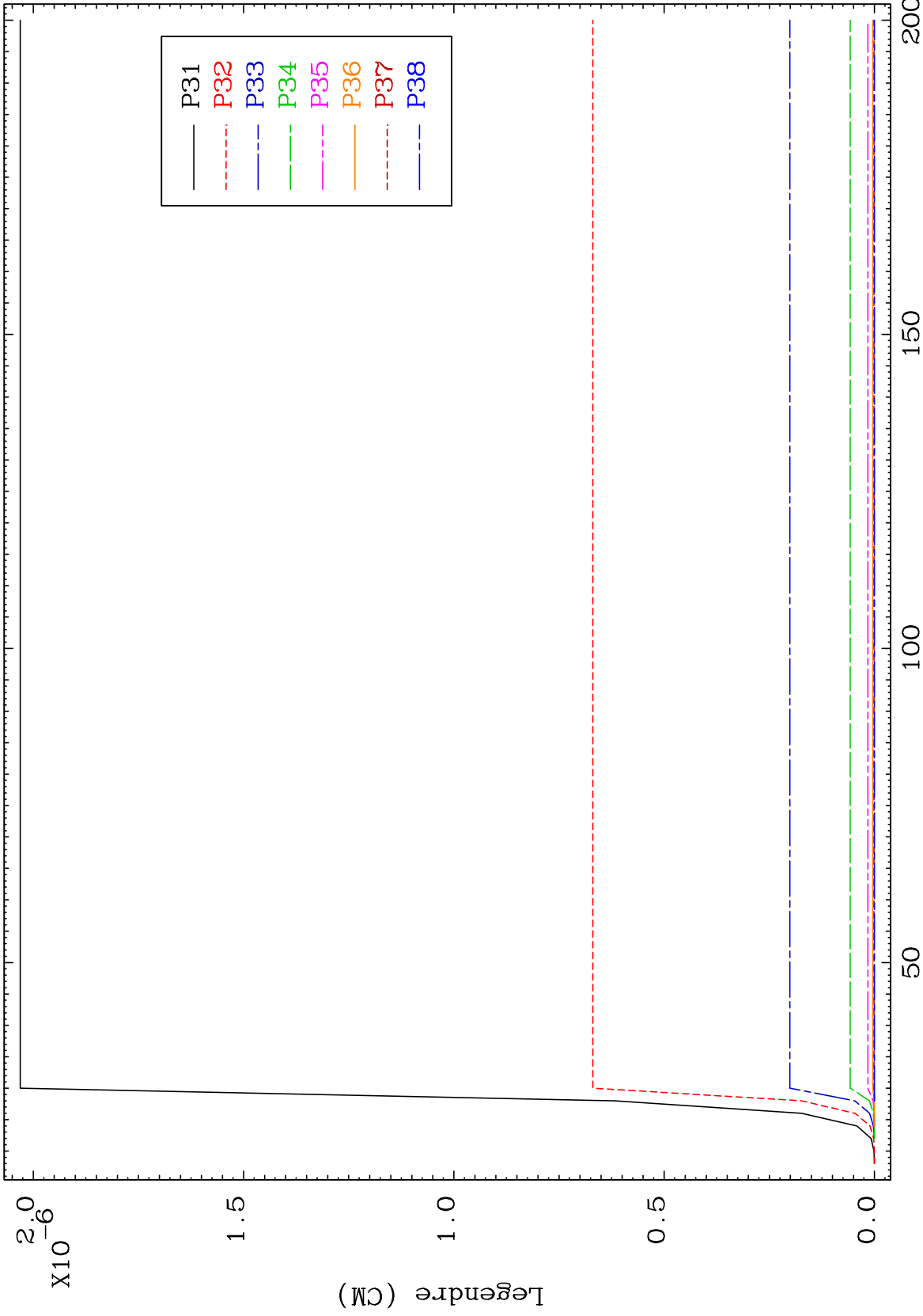
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



95

Incident Energy (MeV)

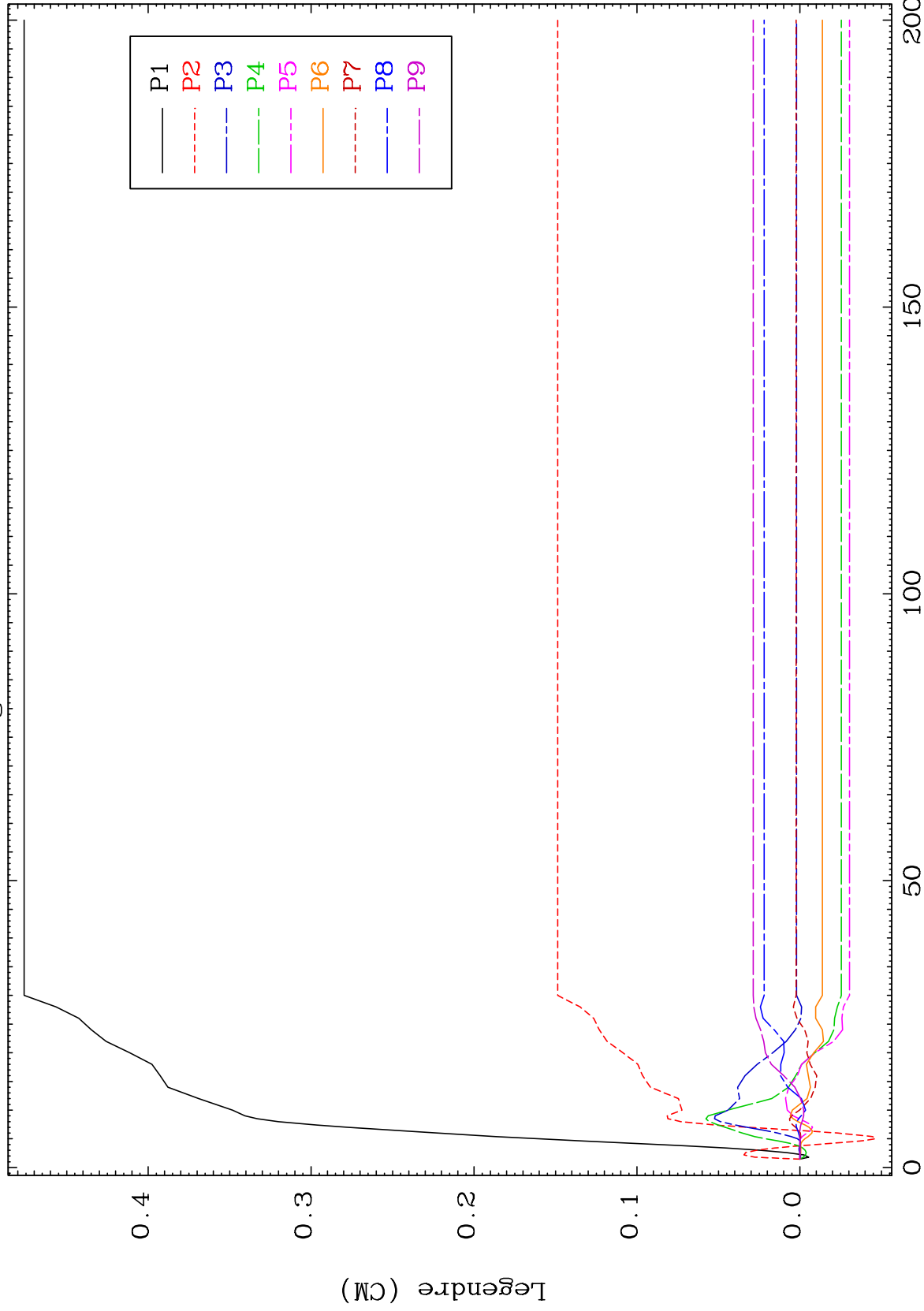
82-Pb-195



MAT 8198

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

82-Pb-195



96

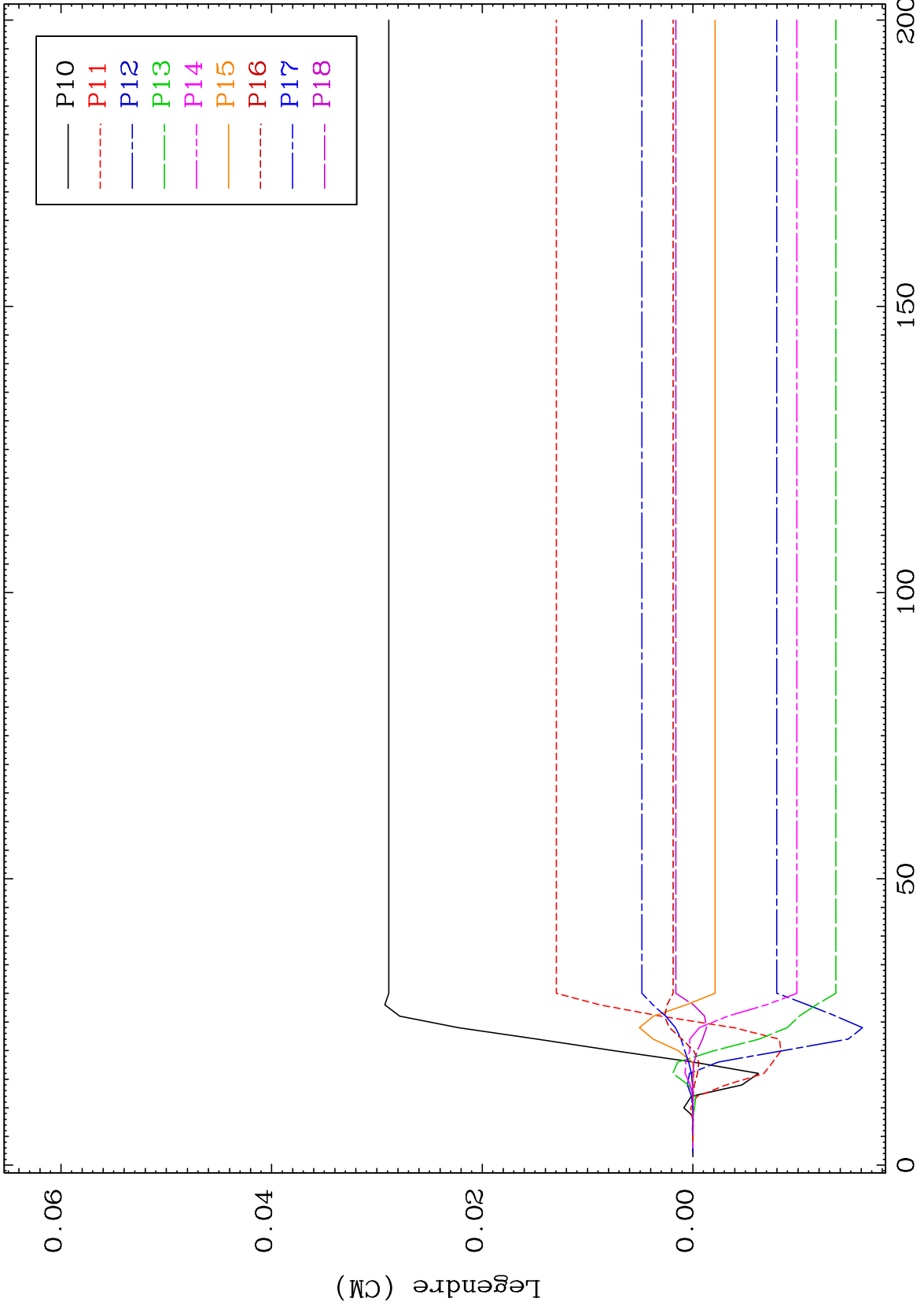
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



97

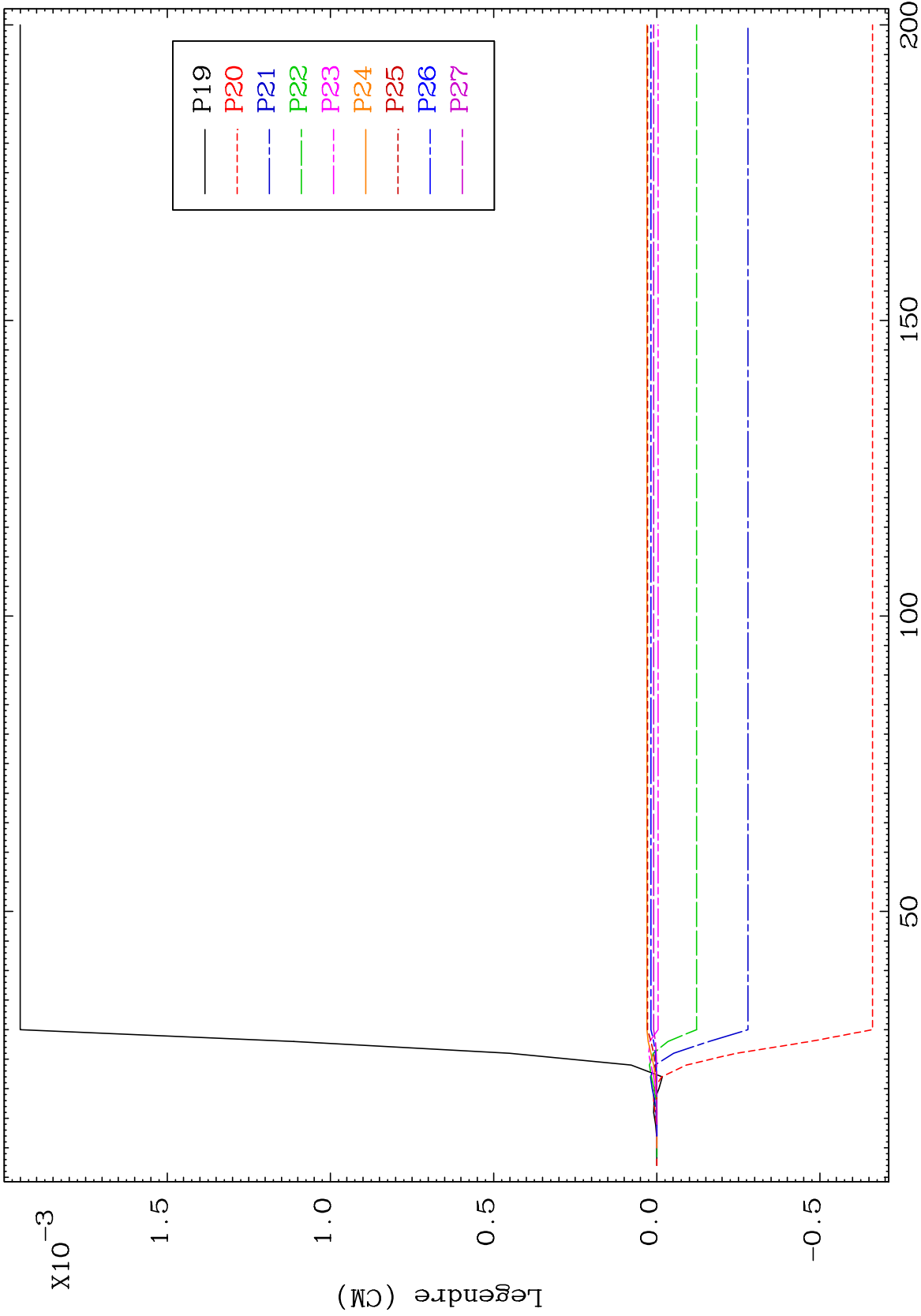
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



98

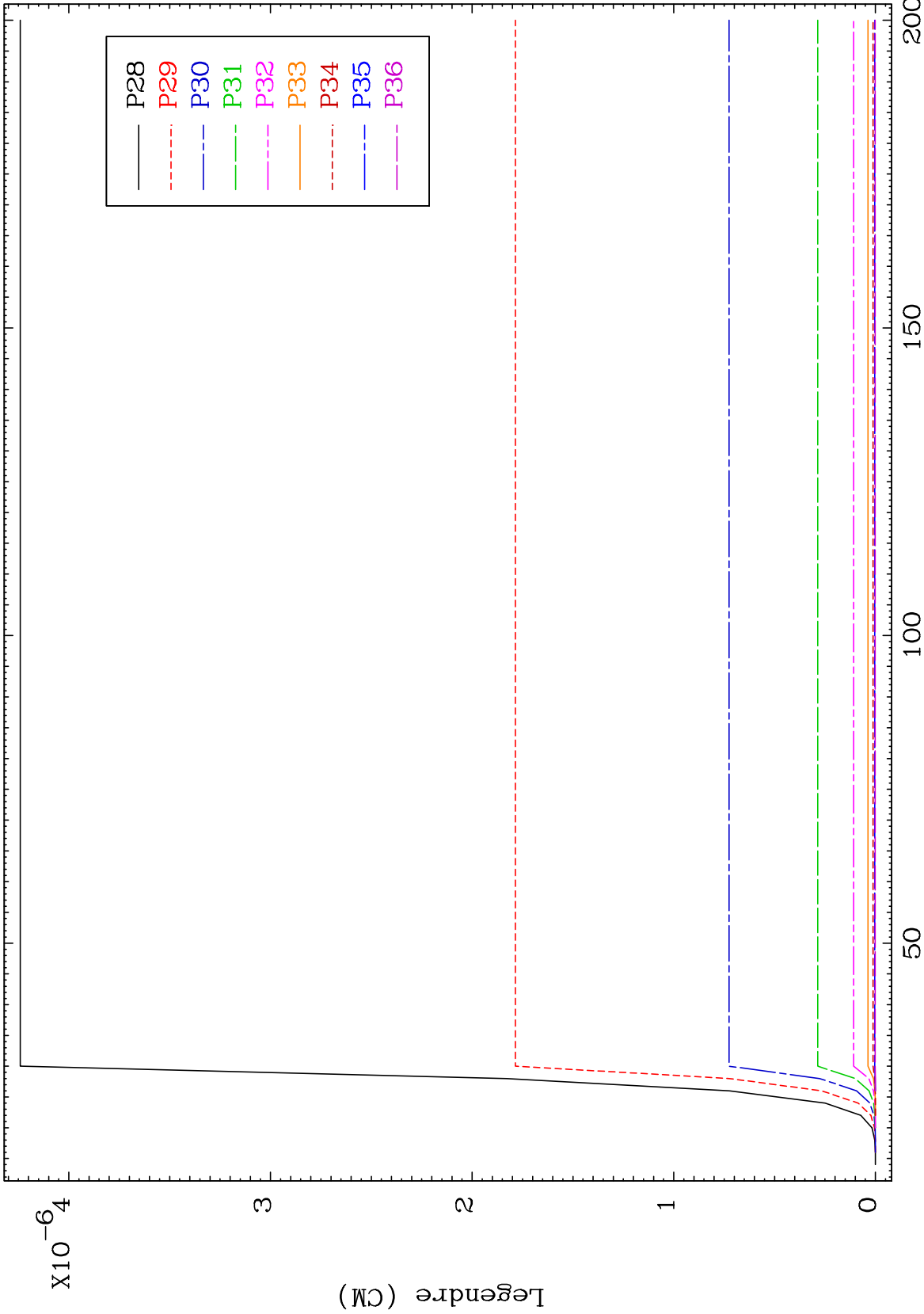
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



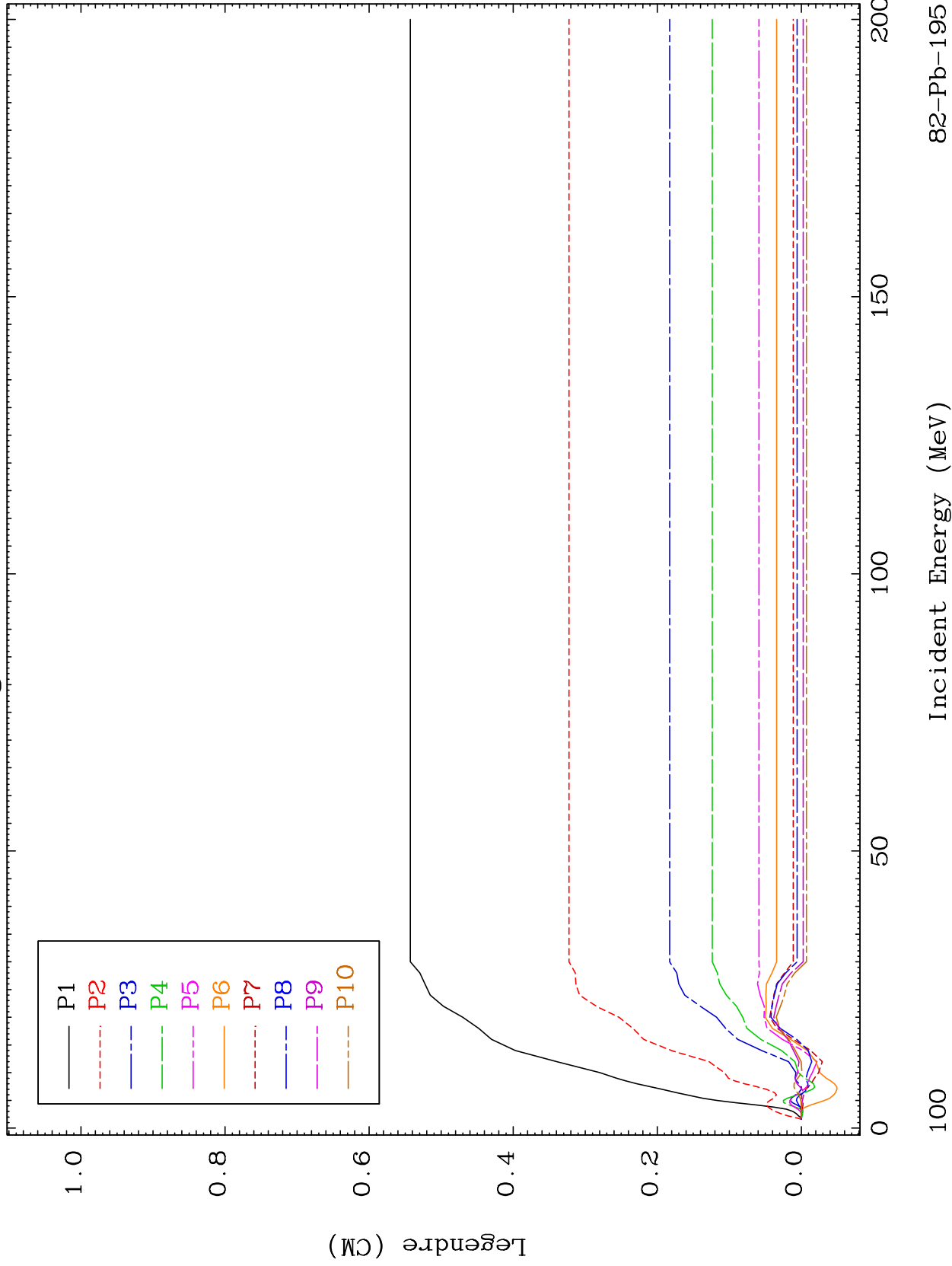
99

82-Pb-195

MAT 8198

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

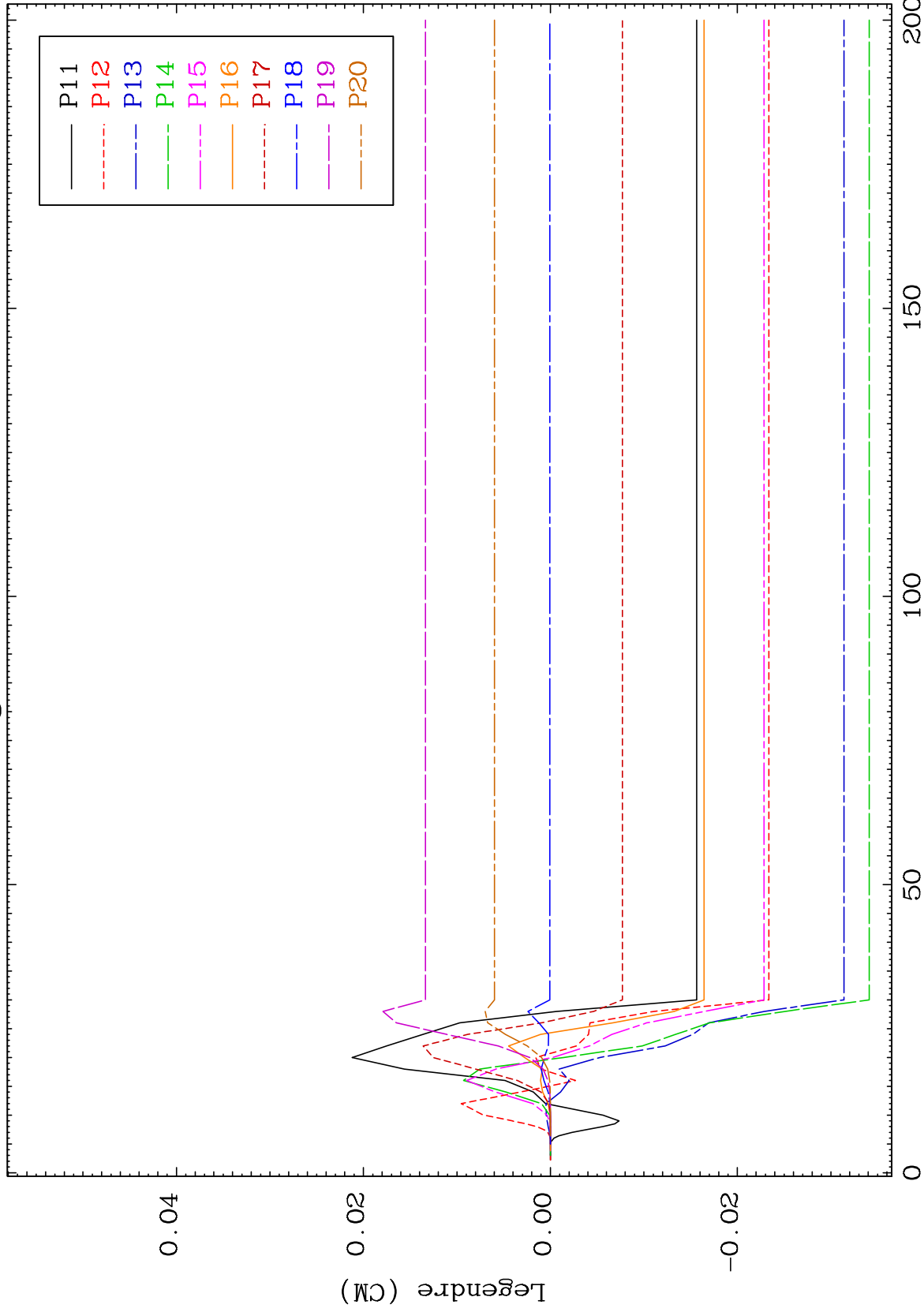
82-Pb-195



MAT 8198

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

82-Pb-195



101

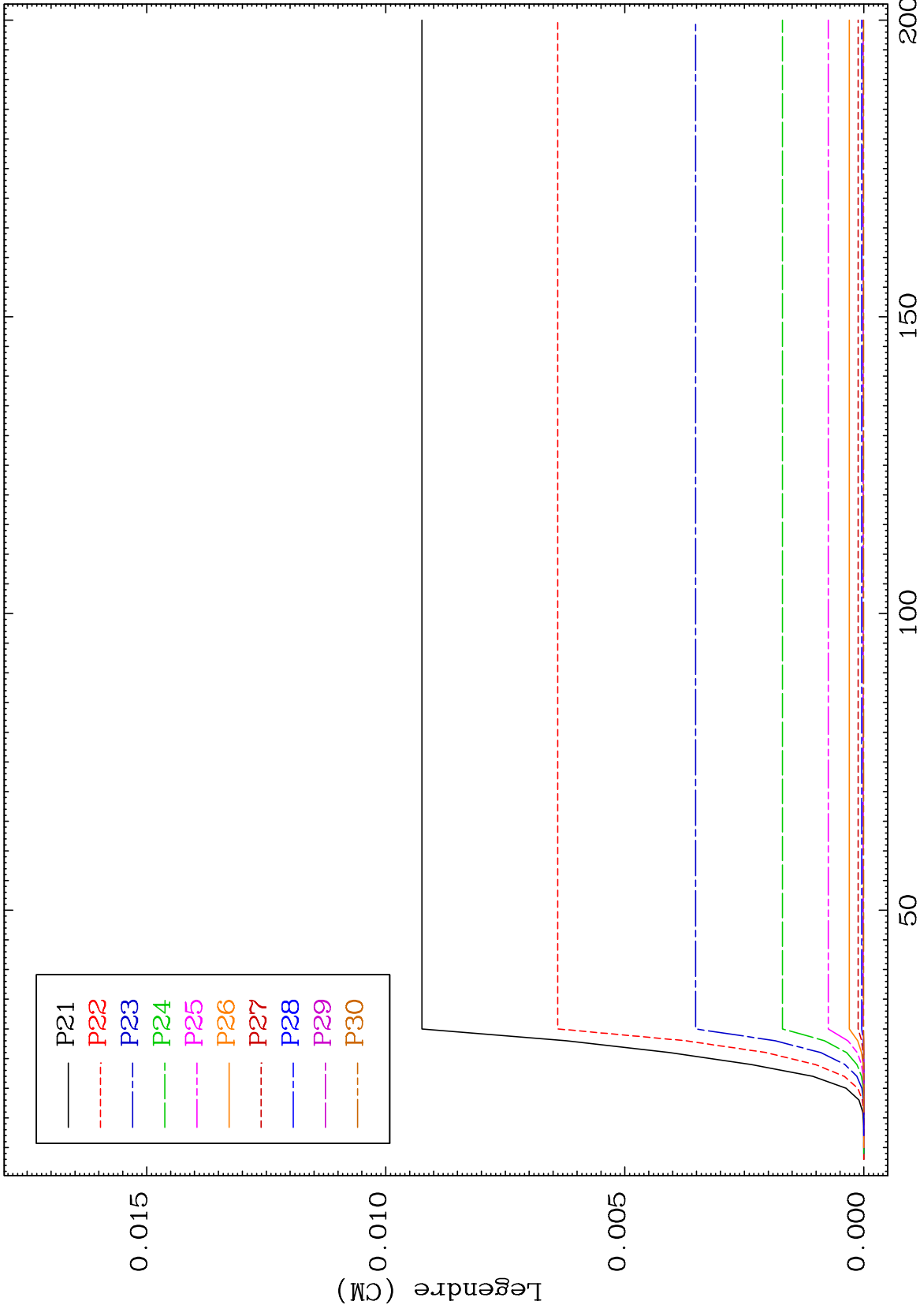
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



102

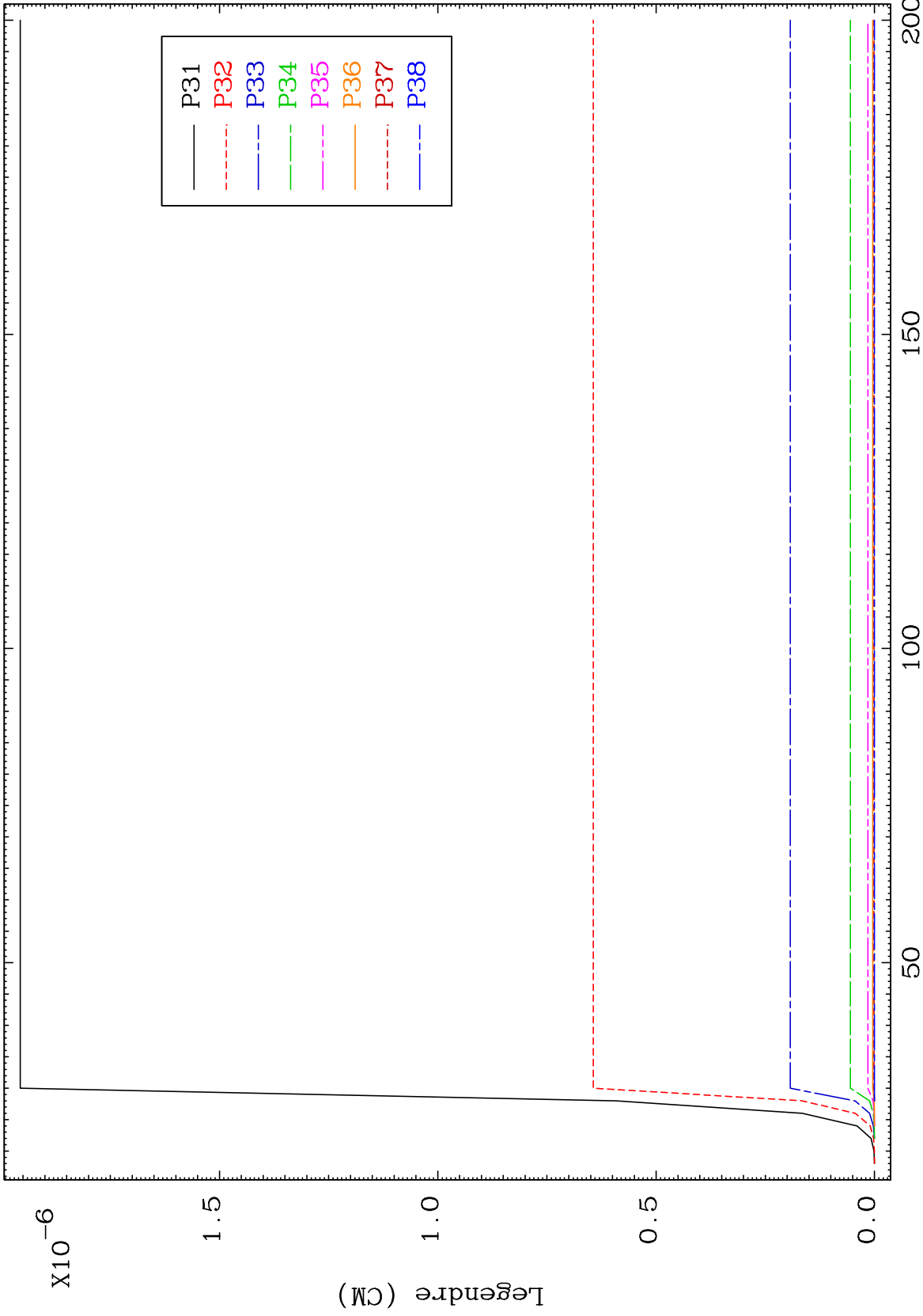
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



103

Incident Energy (MeV)

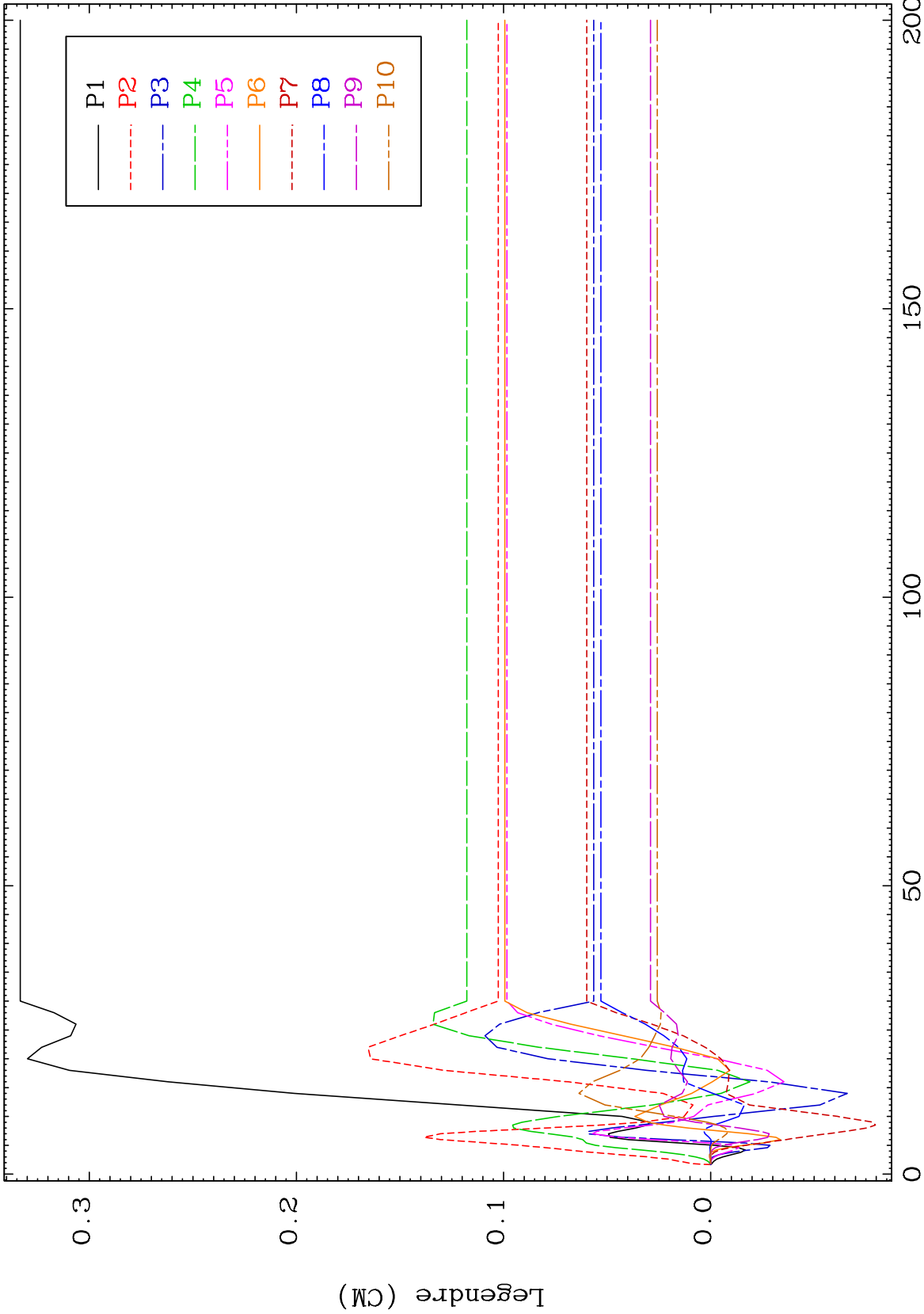
82-Pb-195



MAT 8198

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

82-Pb-195



82-Pb-195

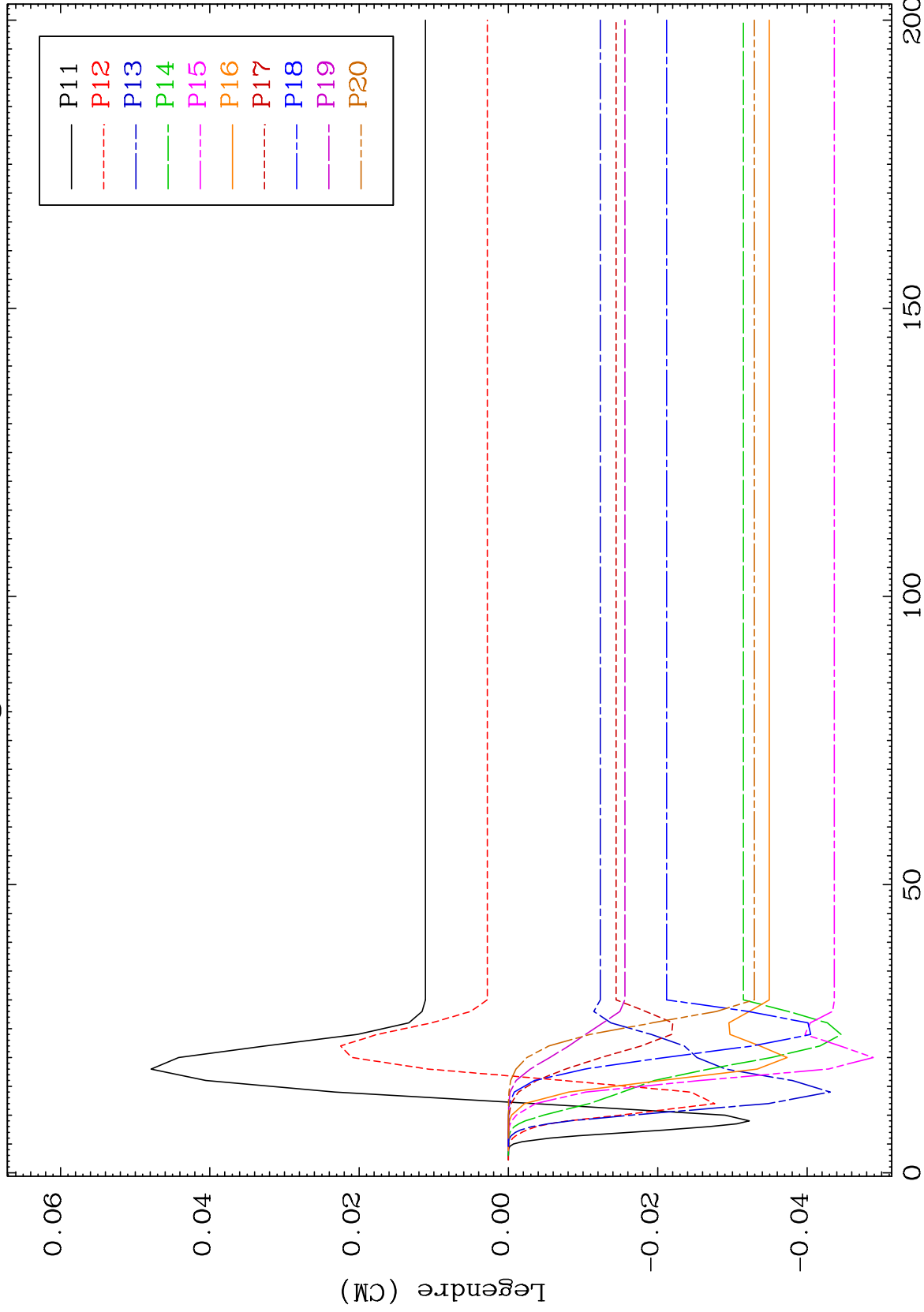
Incident Energy (MeV)

104

MAT 8198

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

82-Pb-195



82-Pb-195

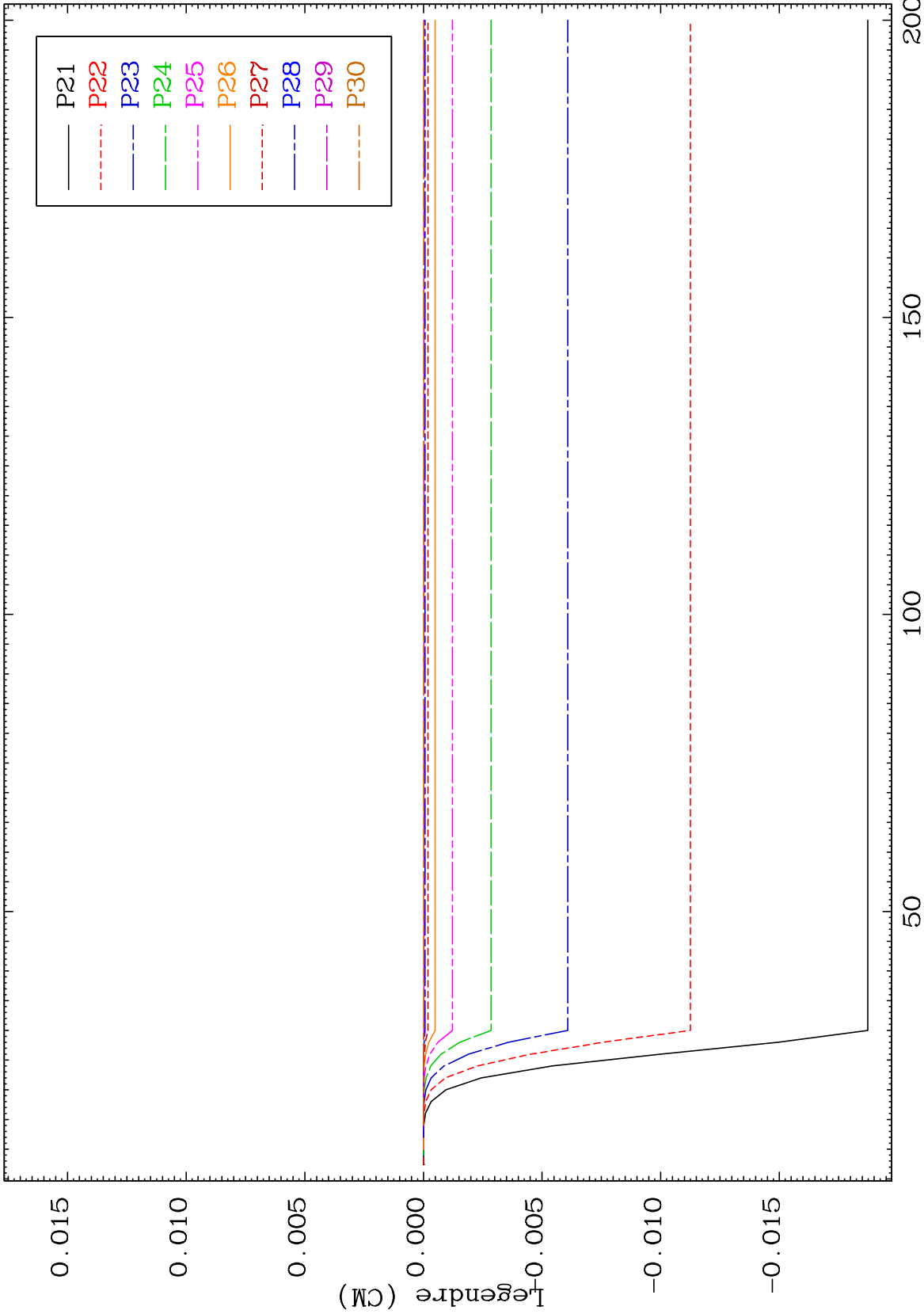
Incident Energy (MeV)

105

MAT 8198

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

82-Pb-195

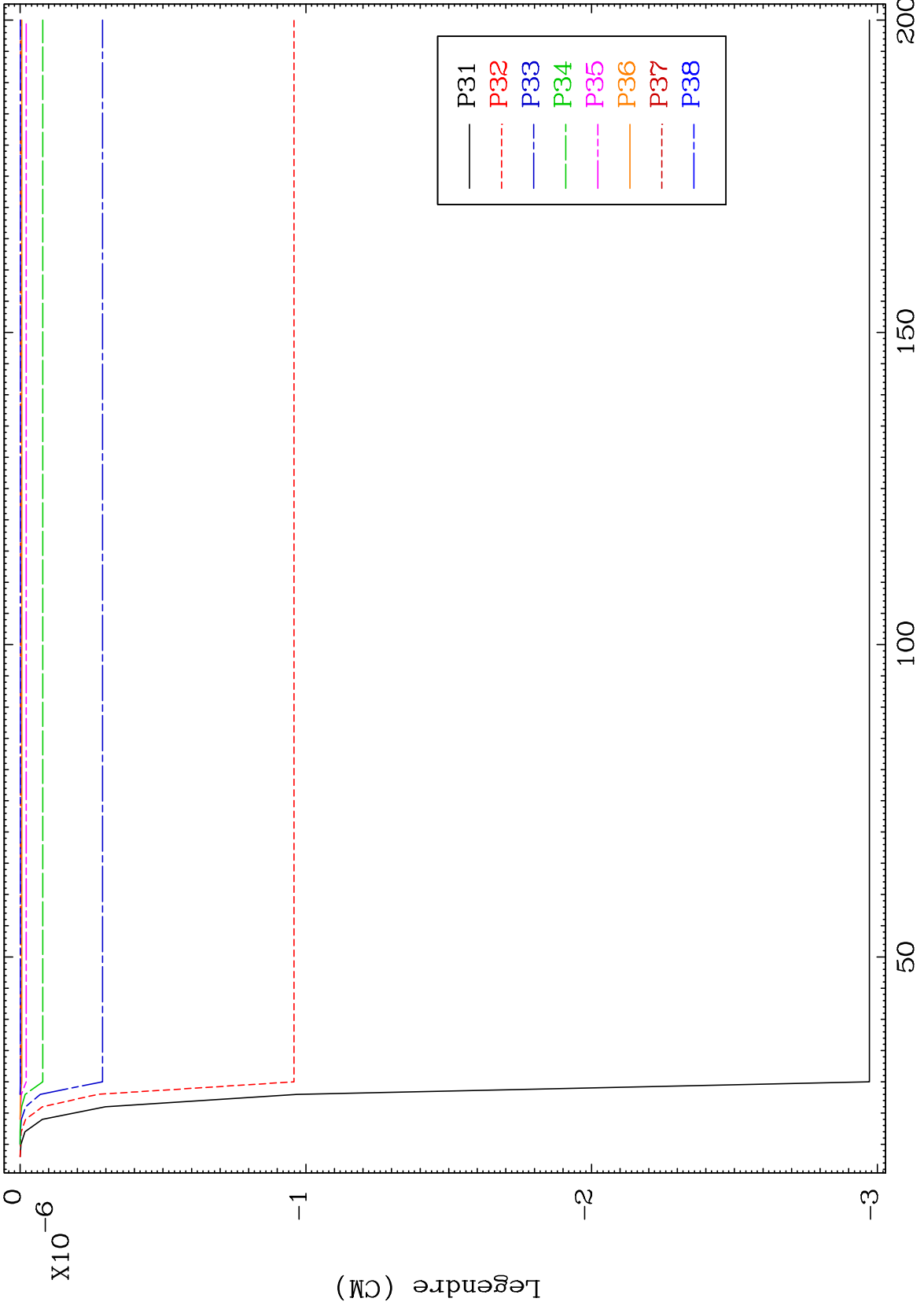


106

Incident Energy (MeV)

82-Pb-195

MAT 8198 MT= 72 (n,n') Level Legendre Coefficients 82-Pb-195

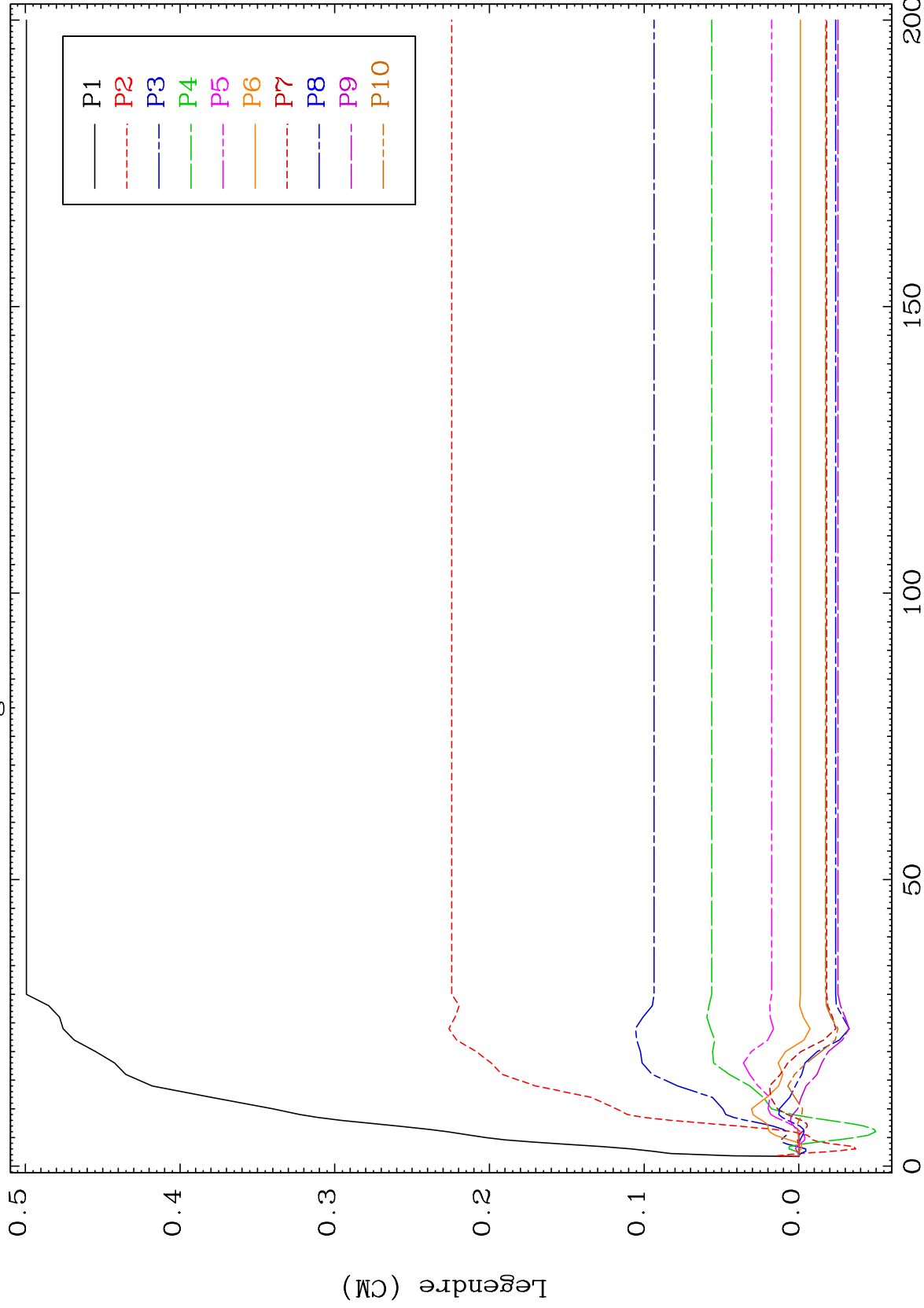


107 Incident Energy (MeV) 82-Pb-195

MAT 8198

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

82-Pb-195



108

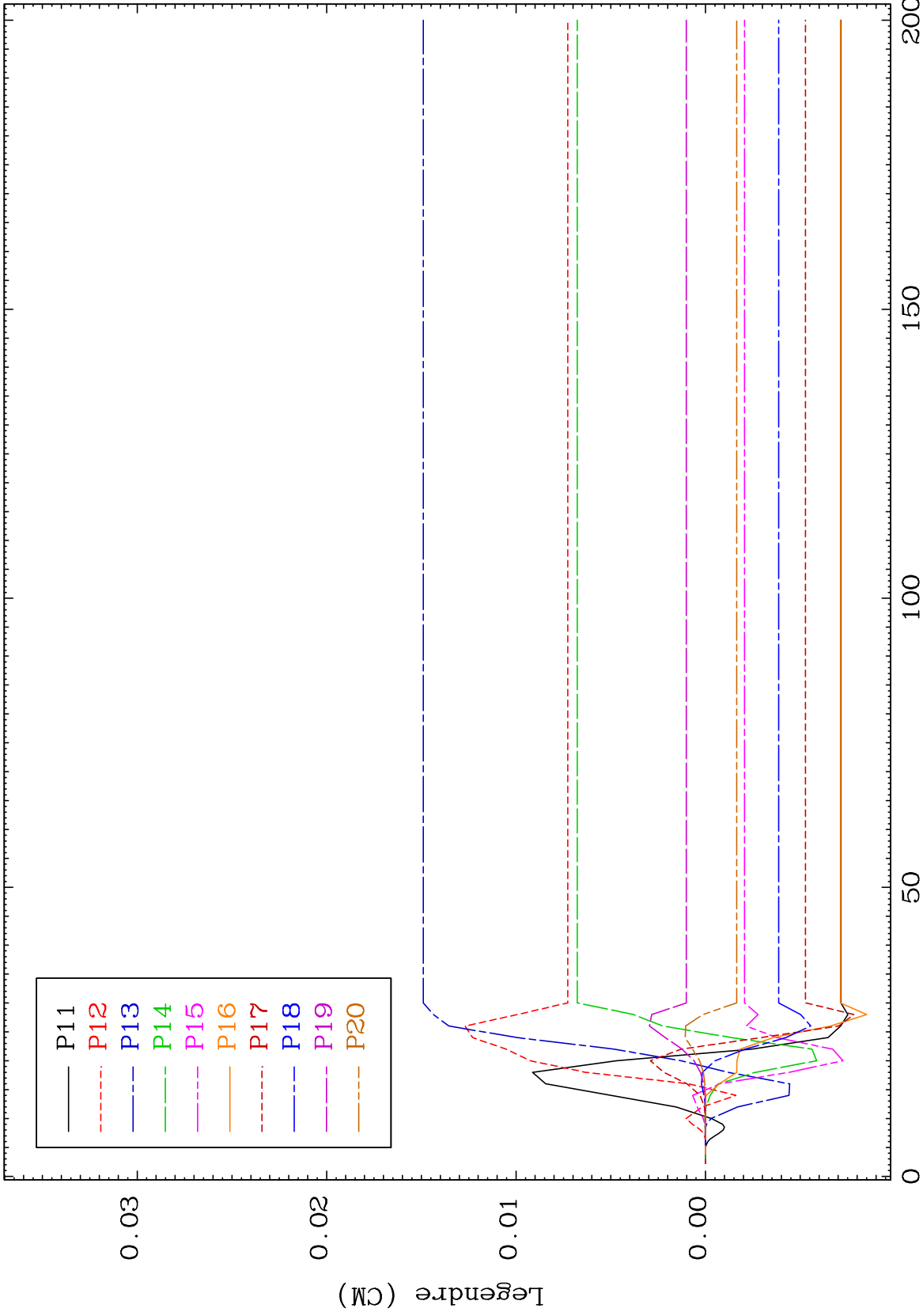
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



109

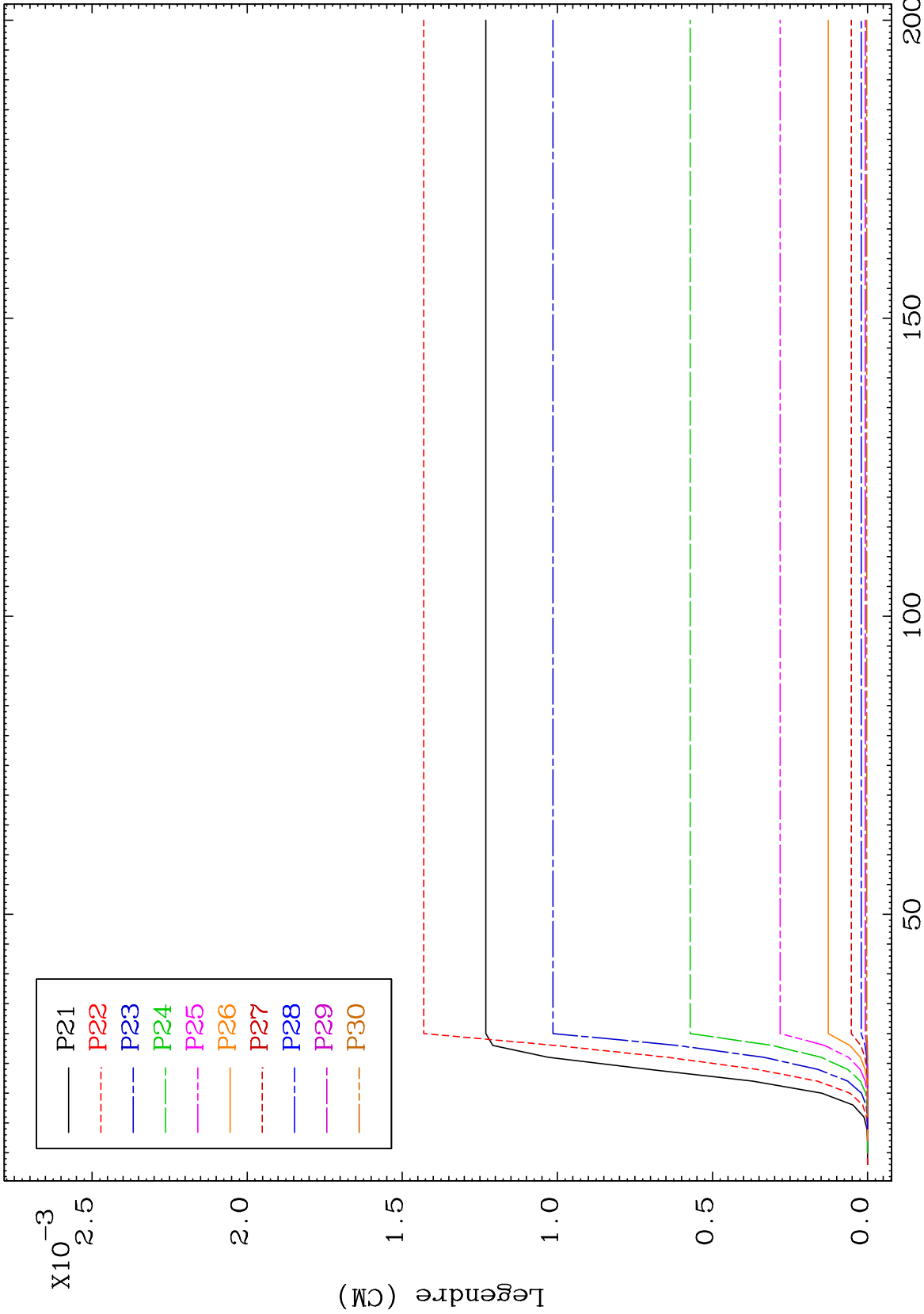
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



110

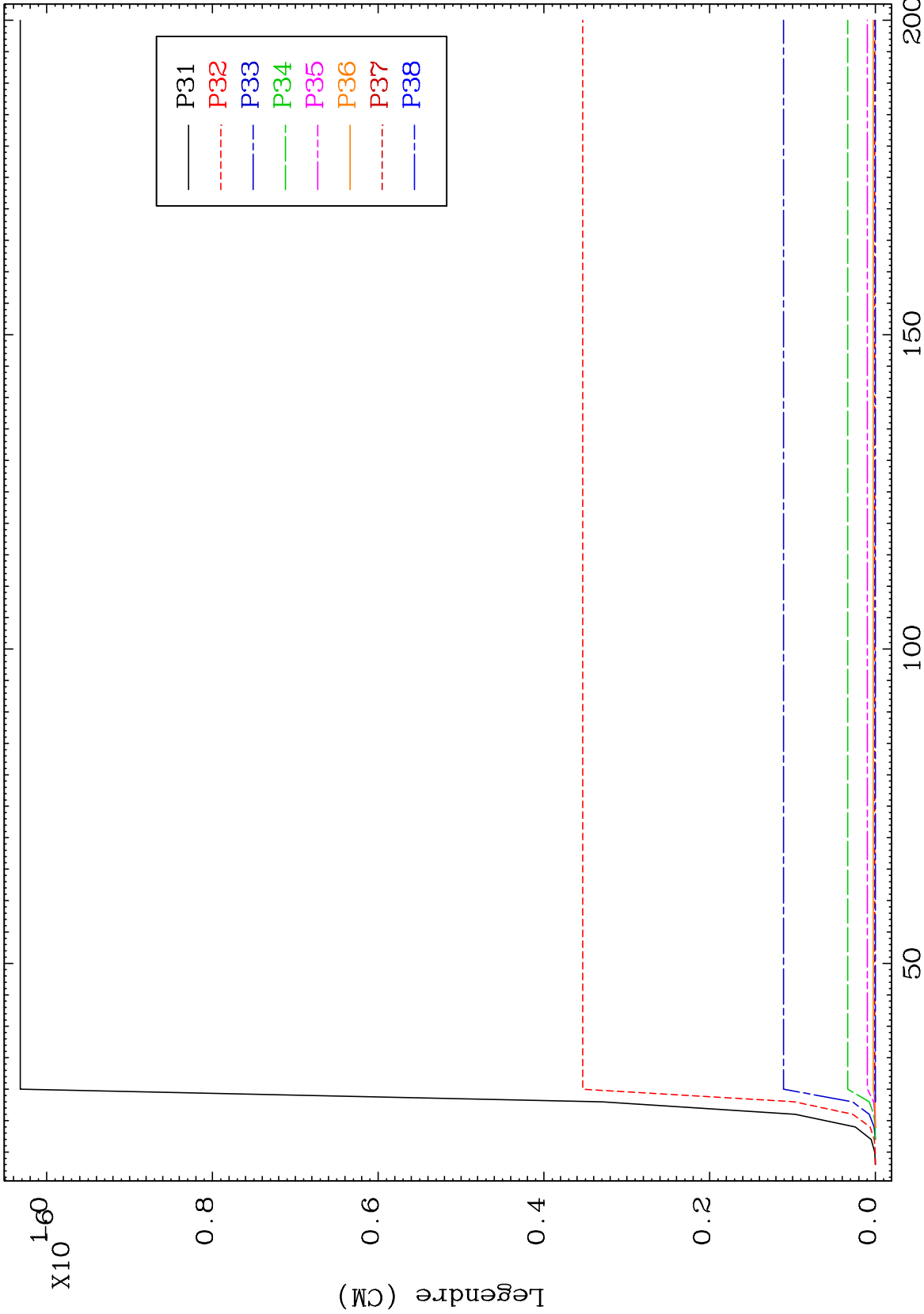
Incident Energy (MeV)

82-Pb-195

MAT 8198

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

82-Pb-195



111

Incident Energy (MeV)

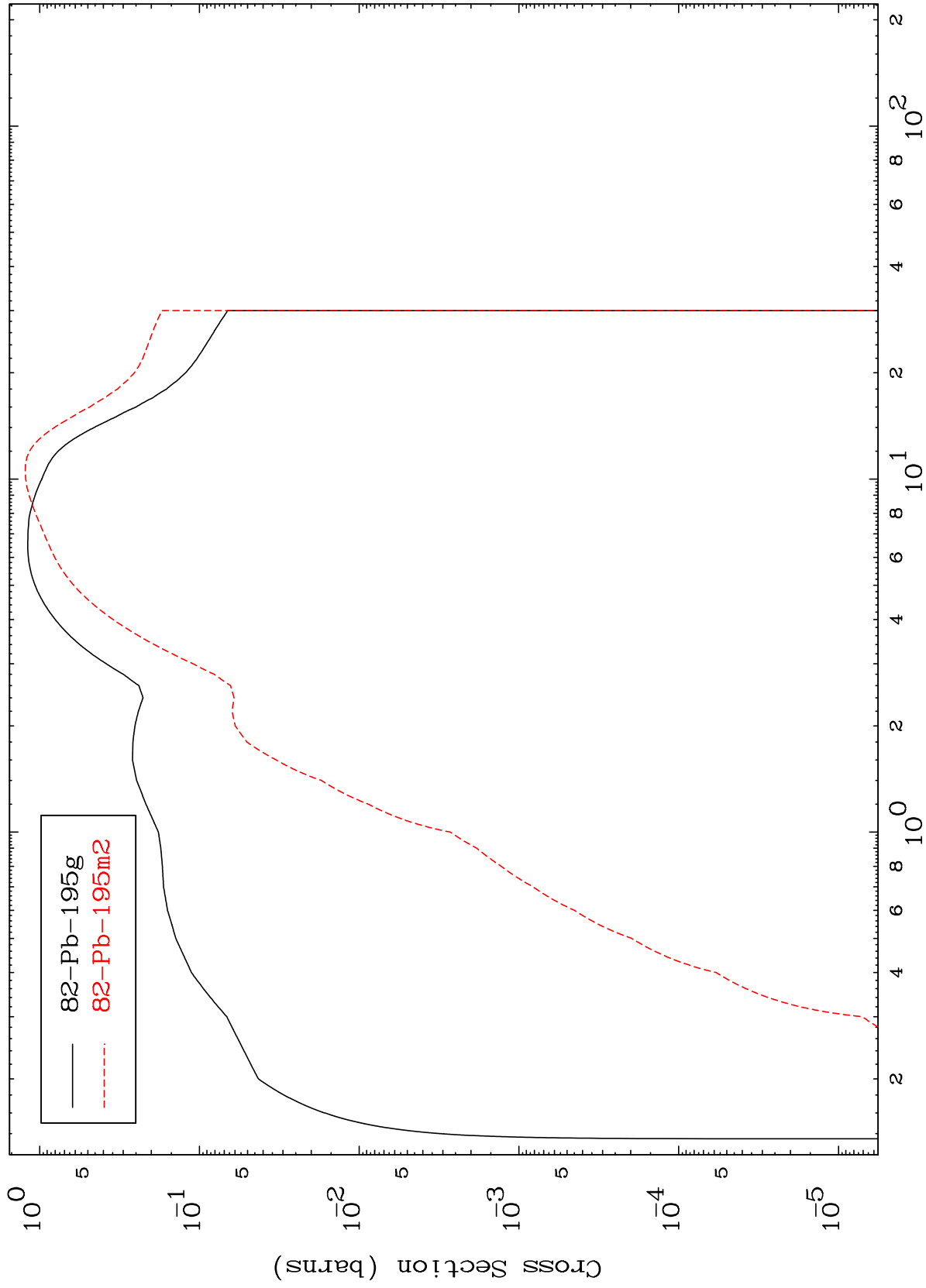
82-Pb-195



MAT 8198

### Inelastic Radionuclide Production Cross Section

82-Pb-195



112

Incident Energy (MeV)

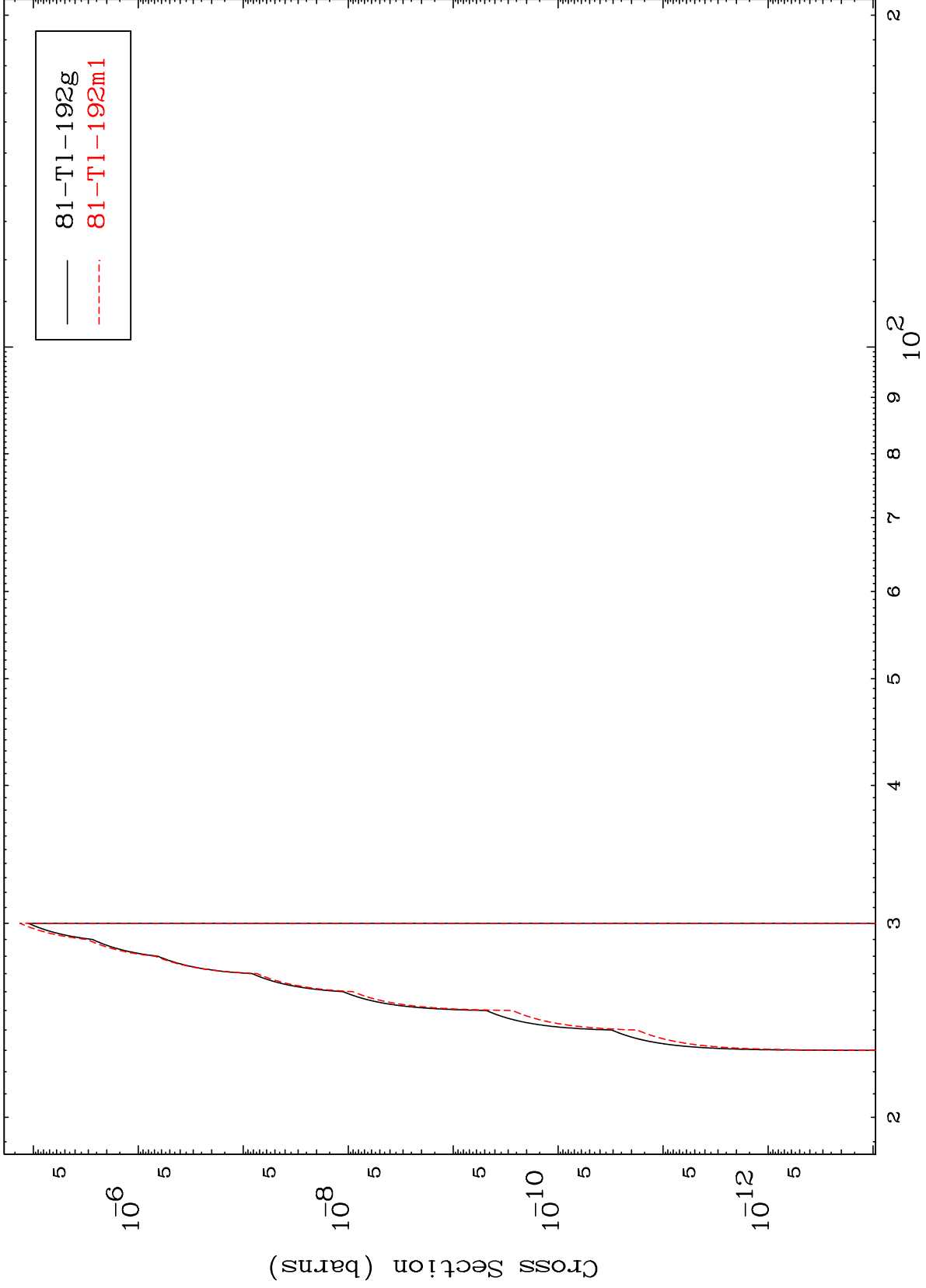
82-Pb-195

MAT 8198

(n,2n) d

82-Pb-195

Radionuclide Production Cross Section



113

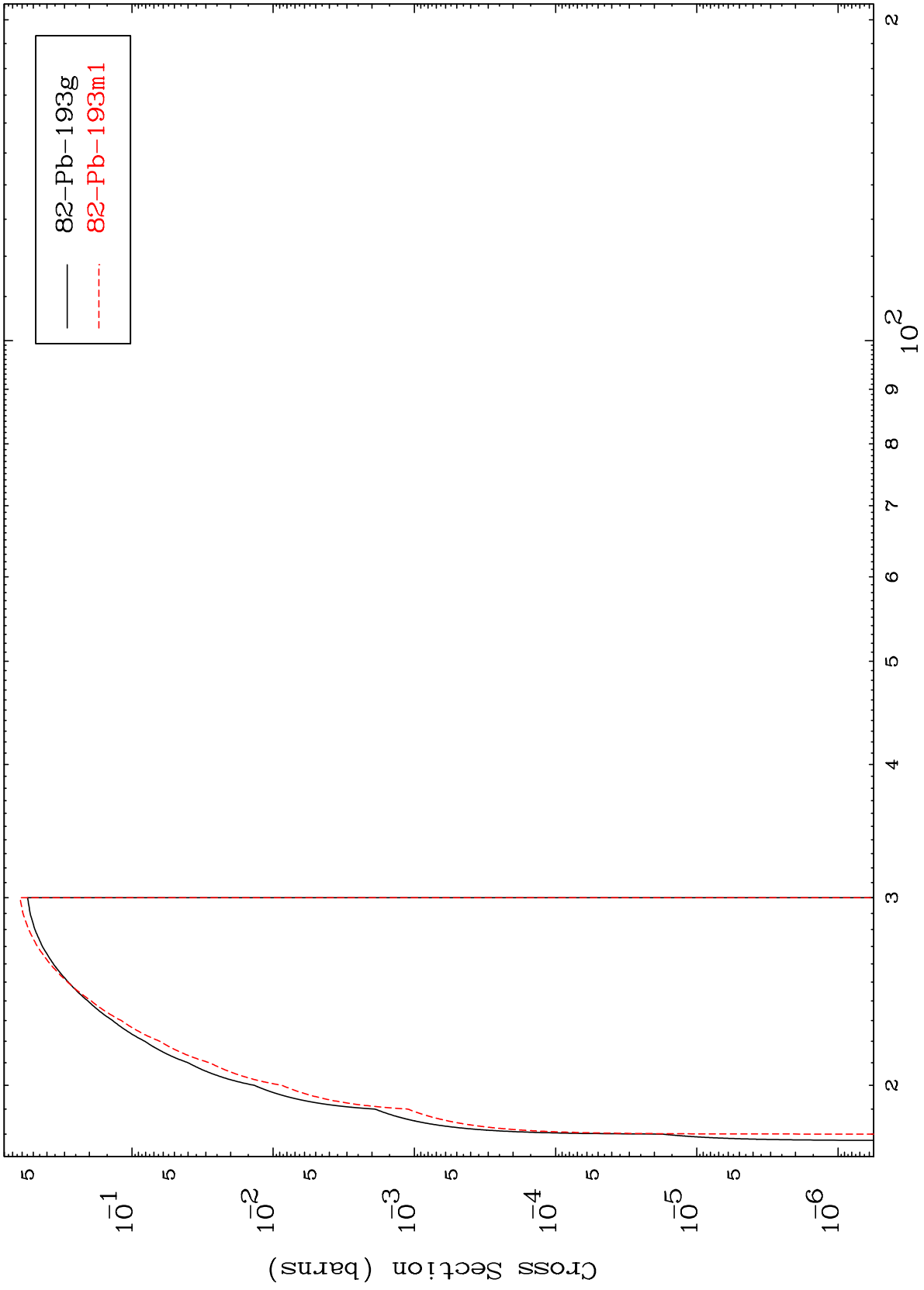
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n,3n)  
Radionuclide Production Cross Section



114

Incident Energy (MeV)

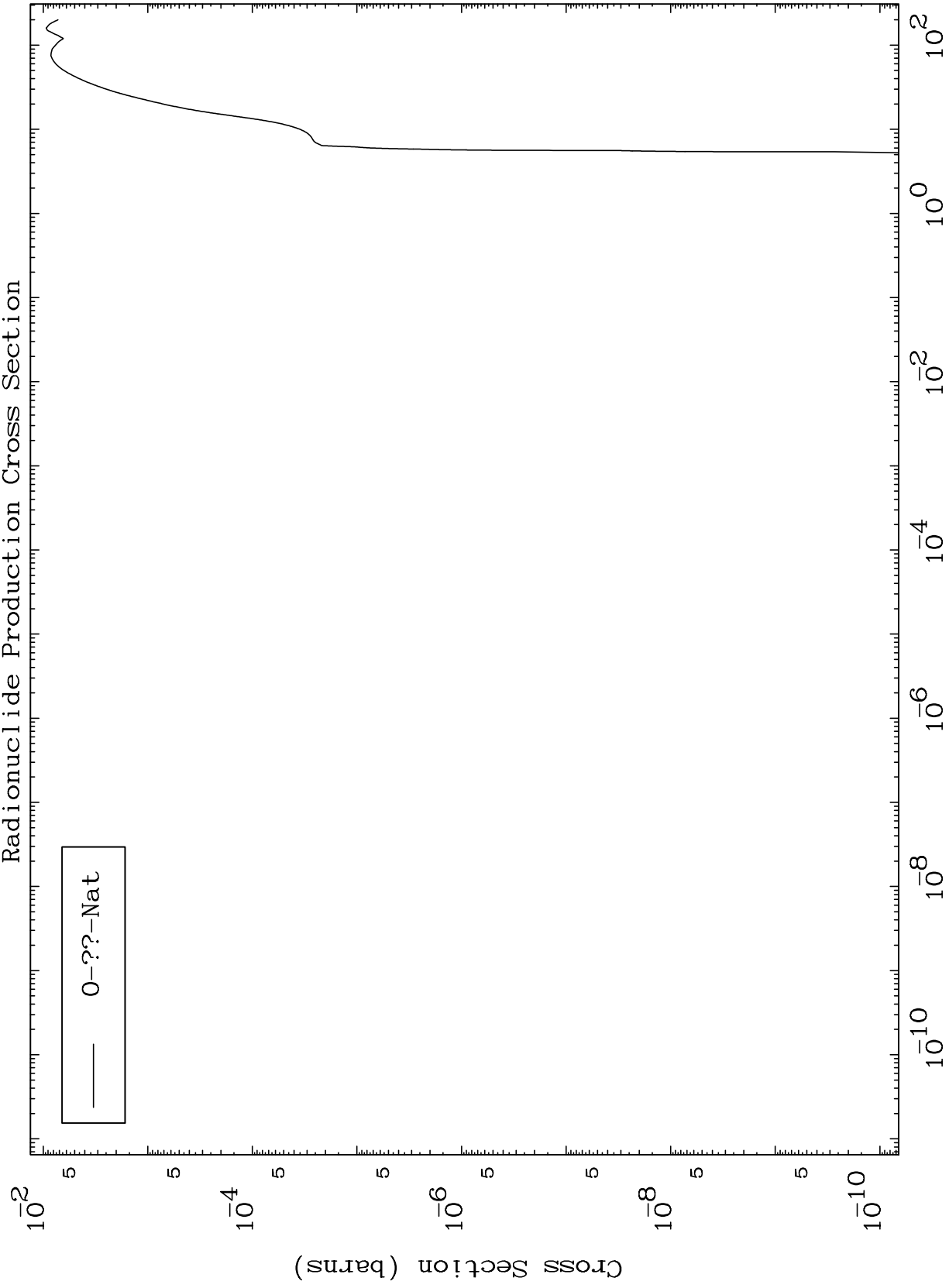
82-Pb-195

MAT 8198

Fission

82-Pb-195

Radionuclide Production Cross Section



115

Incident Energy (MeV)

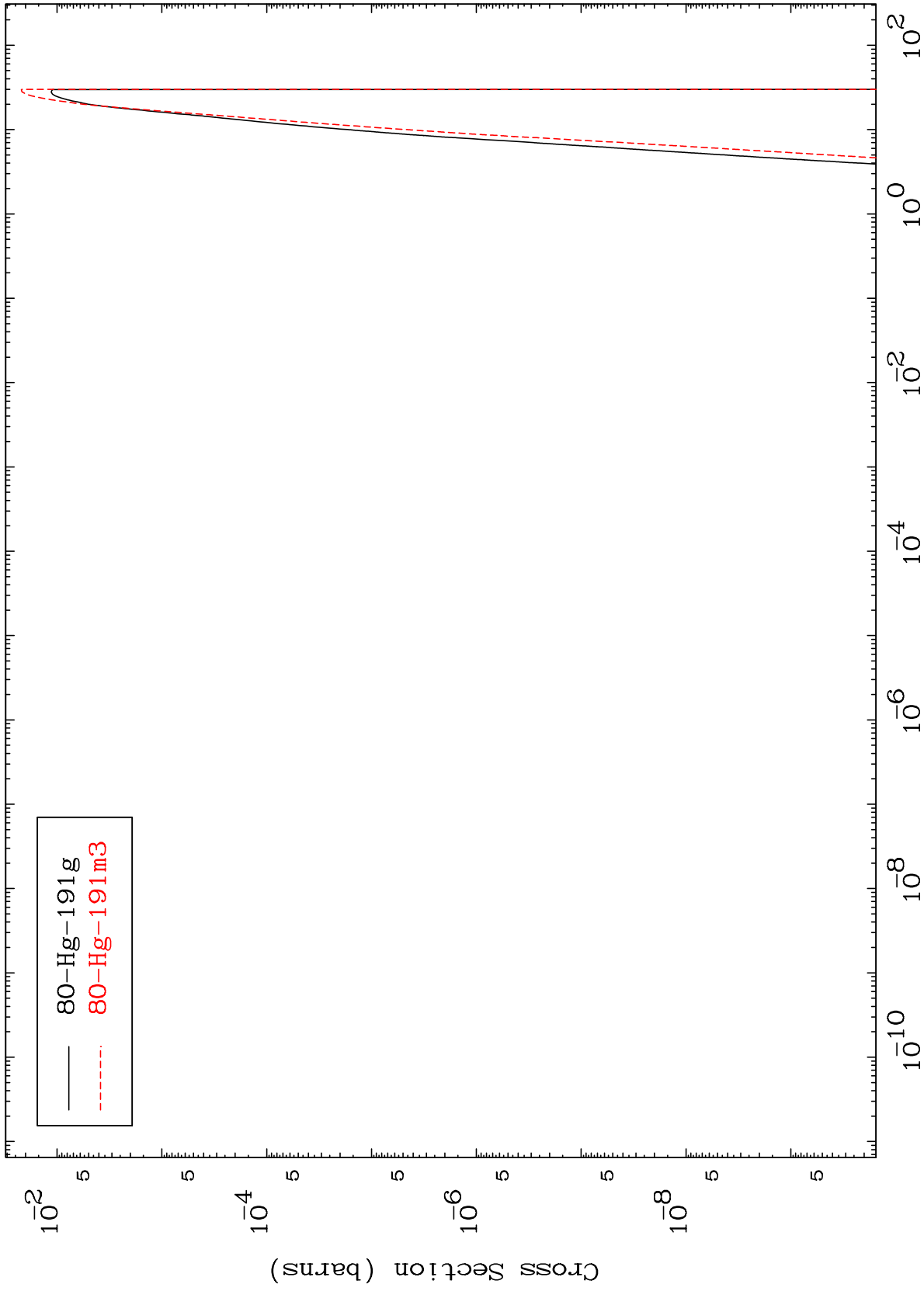
82-Pb-195

MAT 8198

(n,n')  $\alpha$

82-Pb-195

Radionuclide Production Cross Section



116

Incident Energy (MeV)

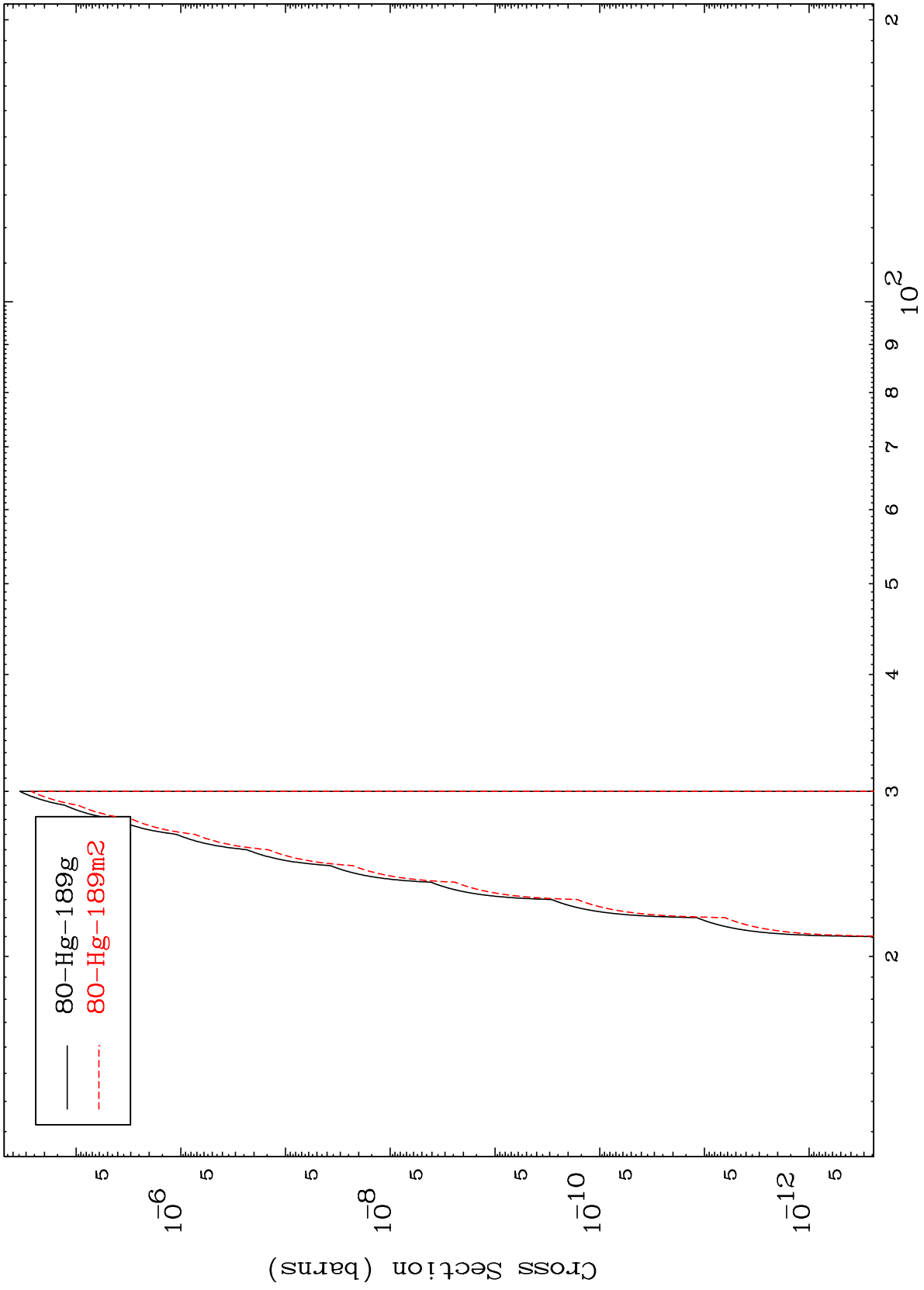
82-Pb-195

MAT 8198

(n,3n)  $\alpha$

82-Pb-195

Radionuclide Production Cross Section



117

Incident Energy (MeV)

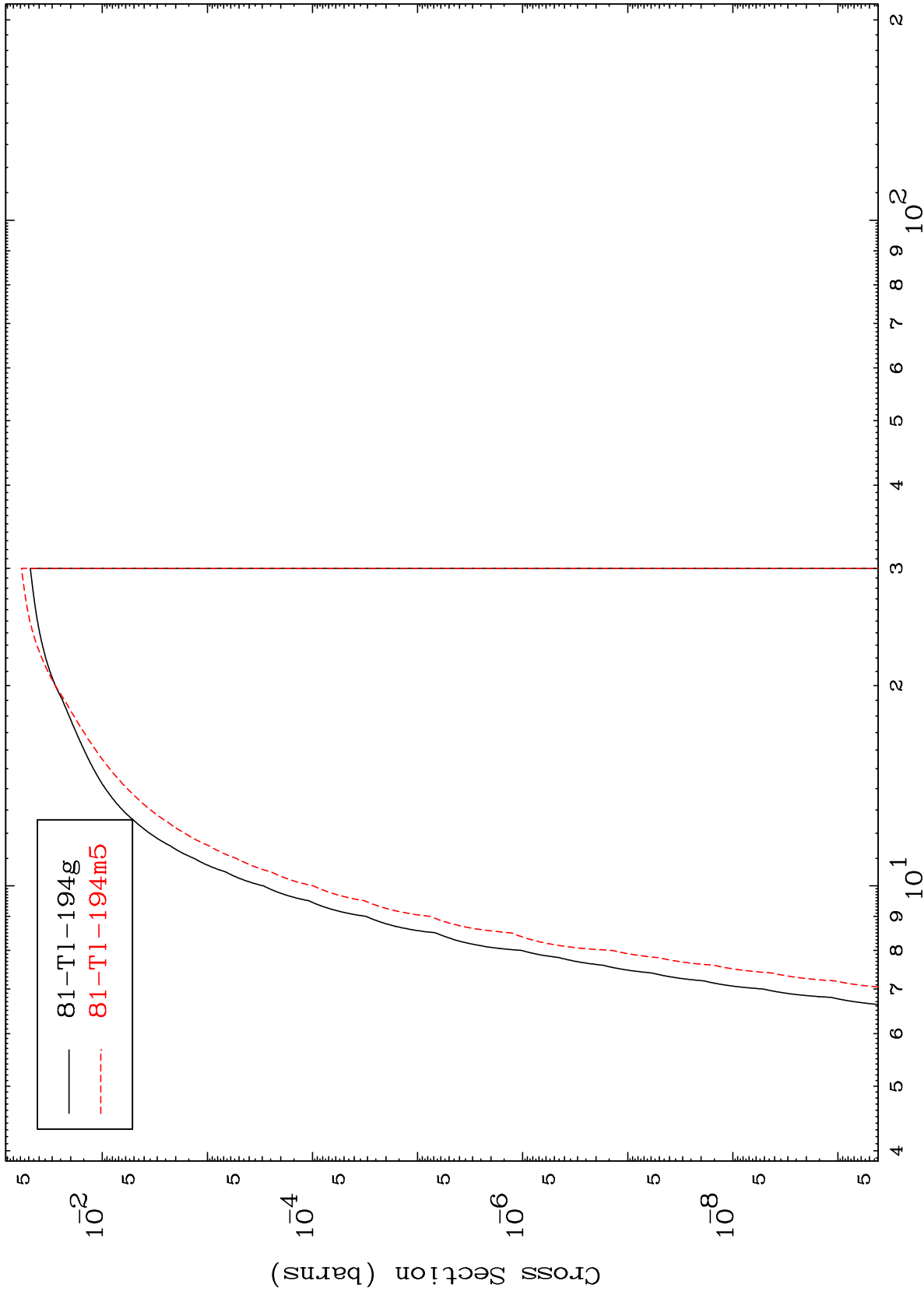
82-Pb-195

MAT 8198

(n,n') p

82-Pb-195

Radionuclide Production Cross Section



81-Tl-194g  
81-Tl-194m5

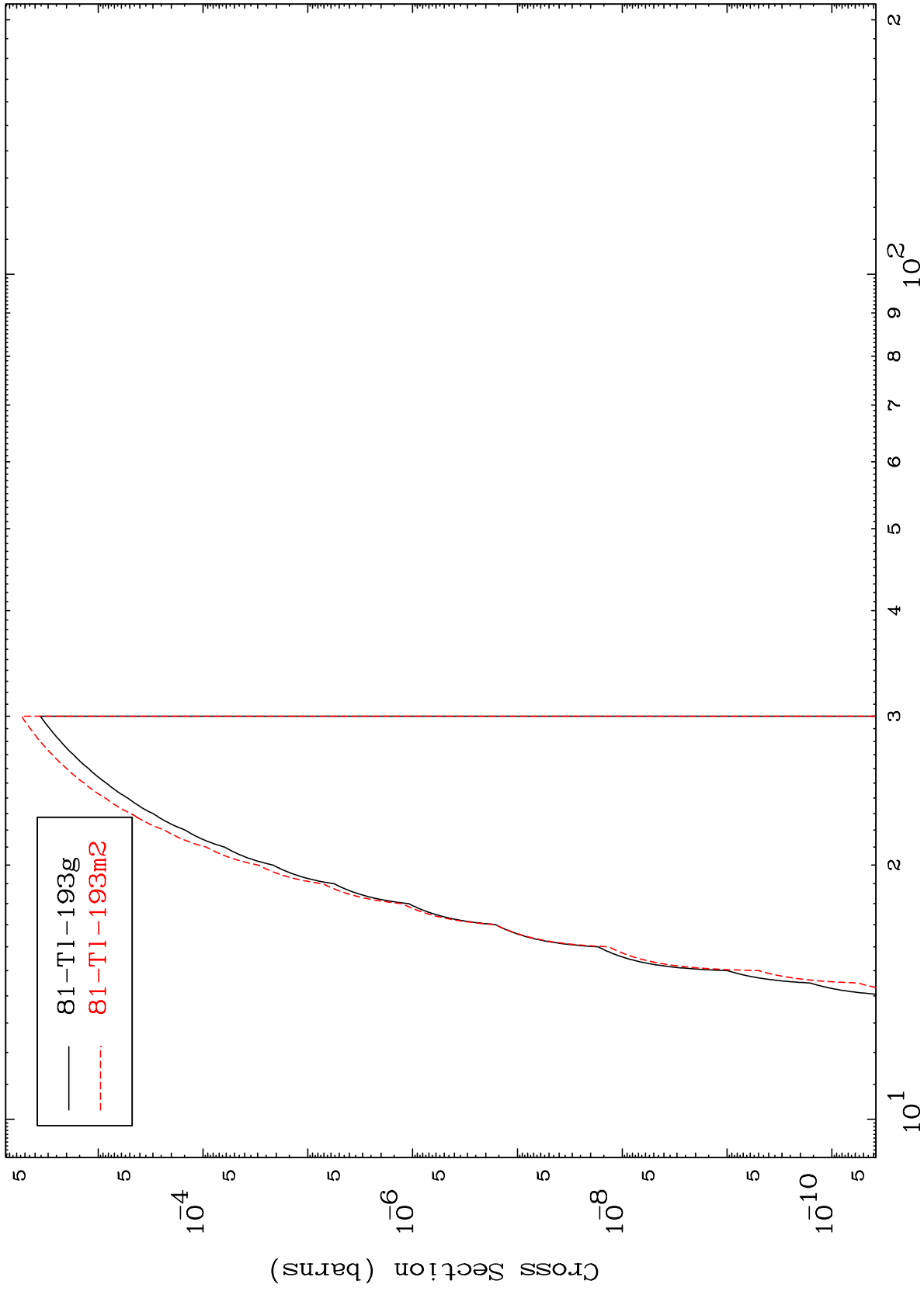
118

MAT 8198

(n,n') d

82-Pb-195

Radionuclide Production Cross Section



119

Incident Energy (MeV)

82-Pb-195

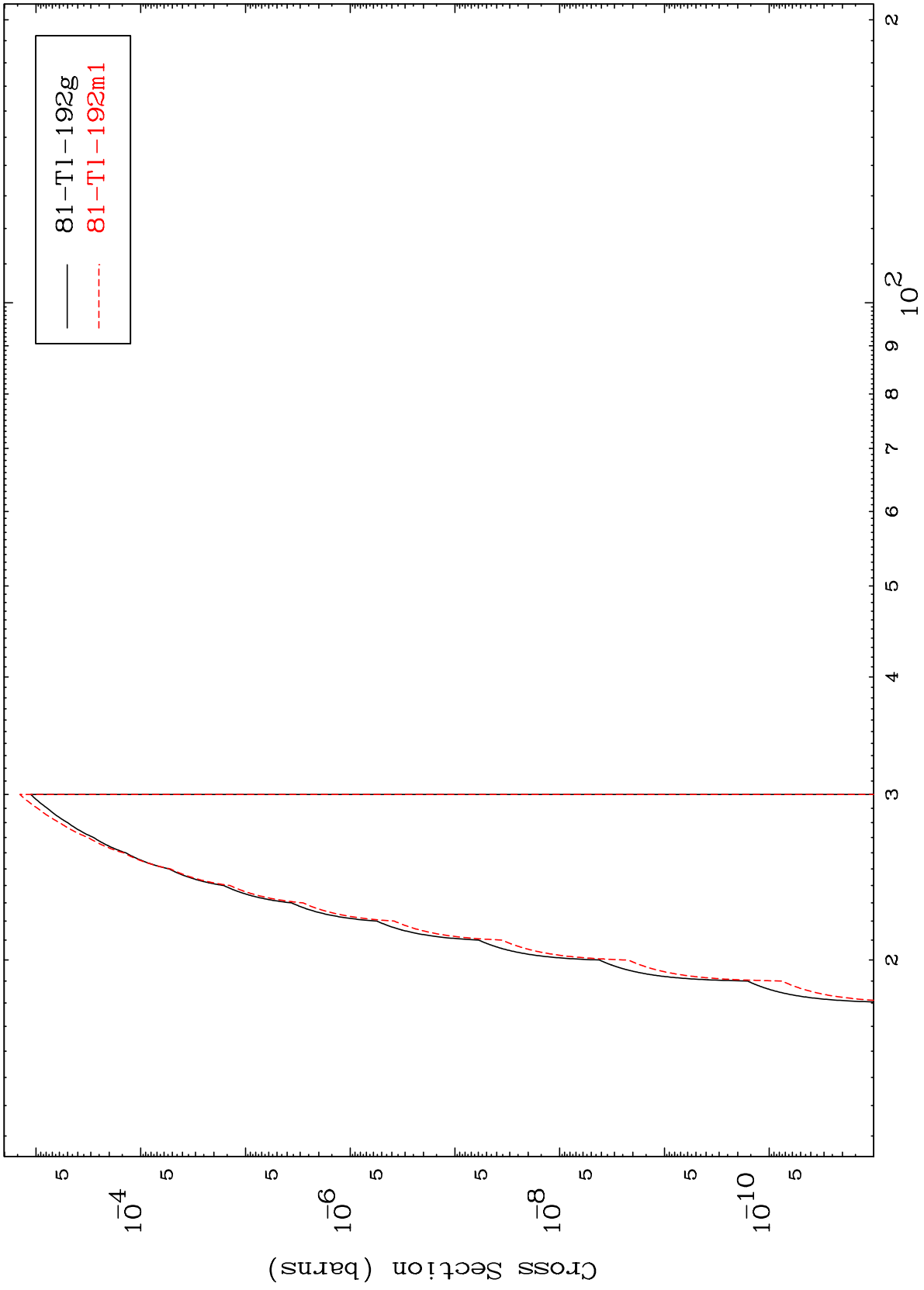


MAT 8198

(n,n') t

82-Pb-195

Radionuclide Production Cross Section



120

Incident Energy (MeV)

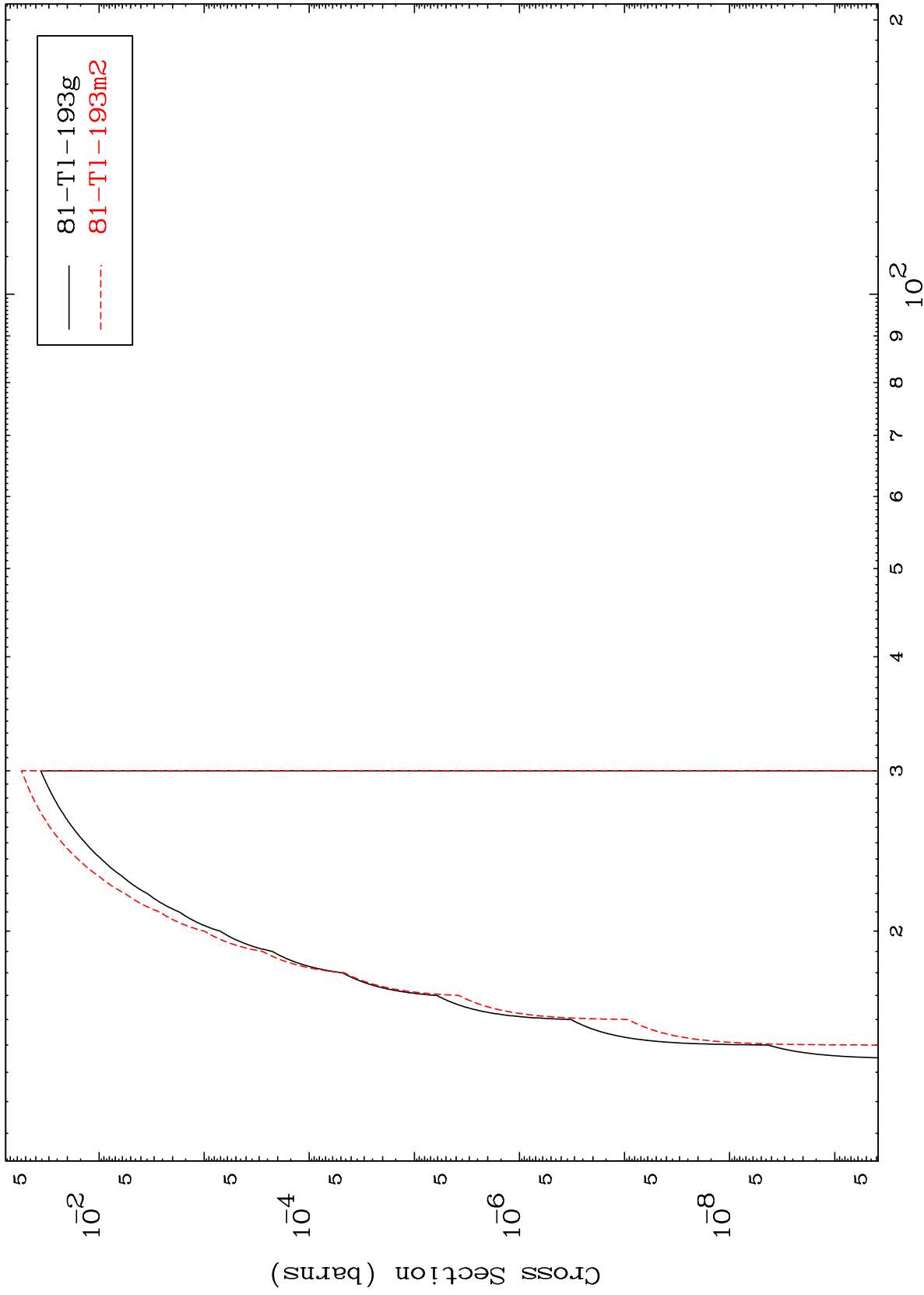
82-Pb-195

MAT 8198

(n,2n) p

82-Pb-195

Radionuclide Production Cross Section



121

Incident Energy (MeV)

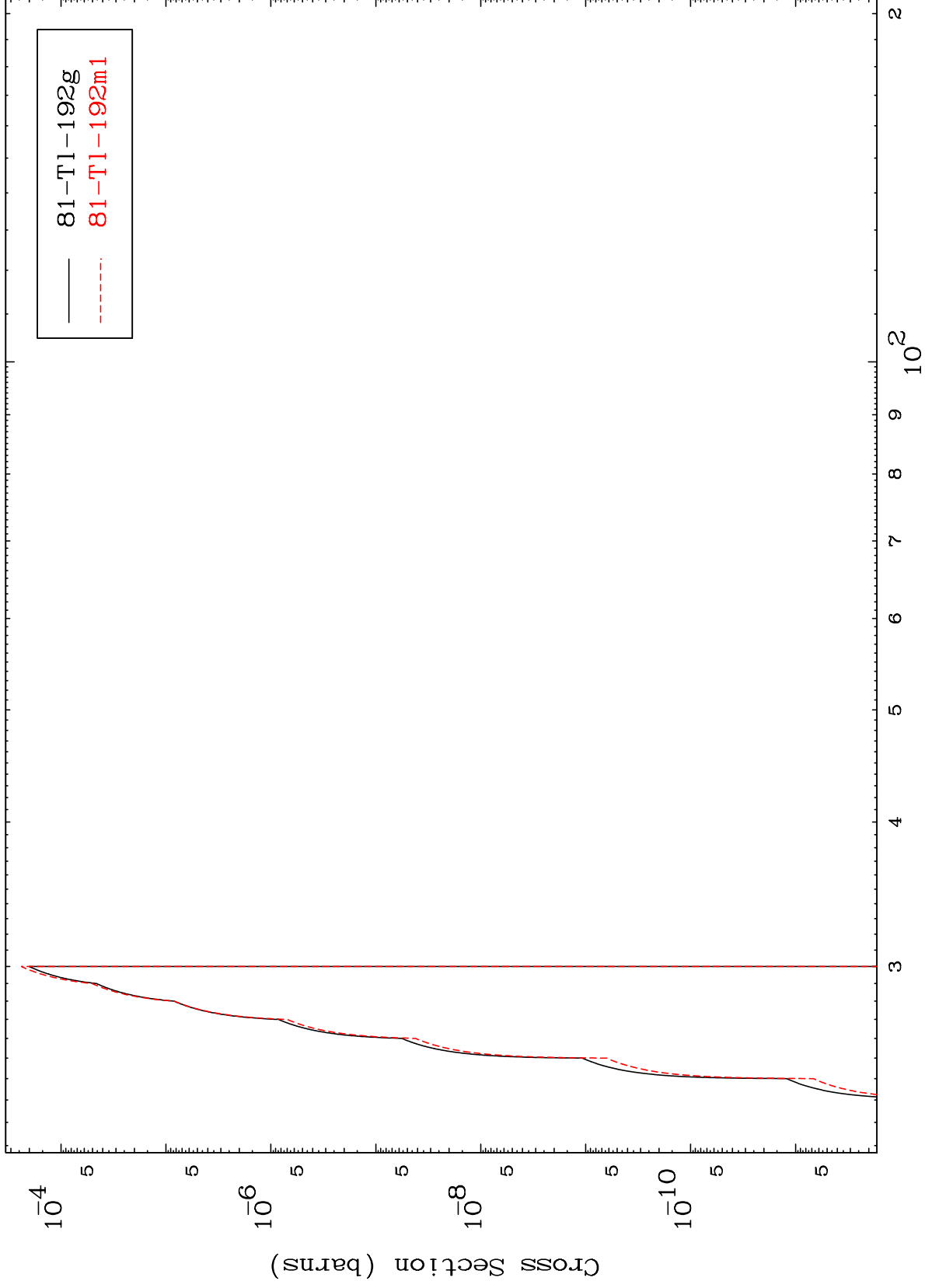
82-Pb-195

MAT 8198

(n,3n) p

82-Pb-195

Radionuclide Production Cross Section



122

Incident Energy (MeV)

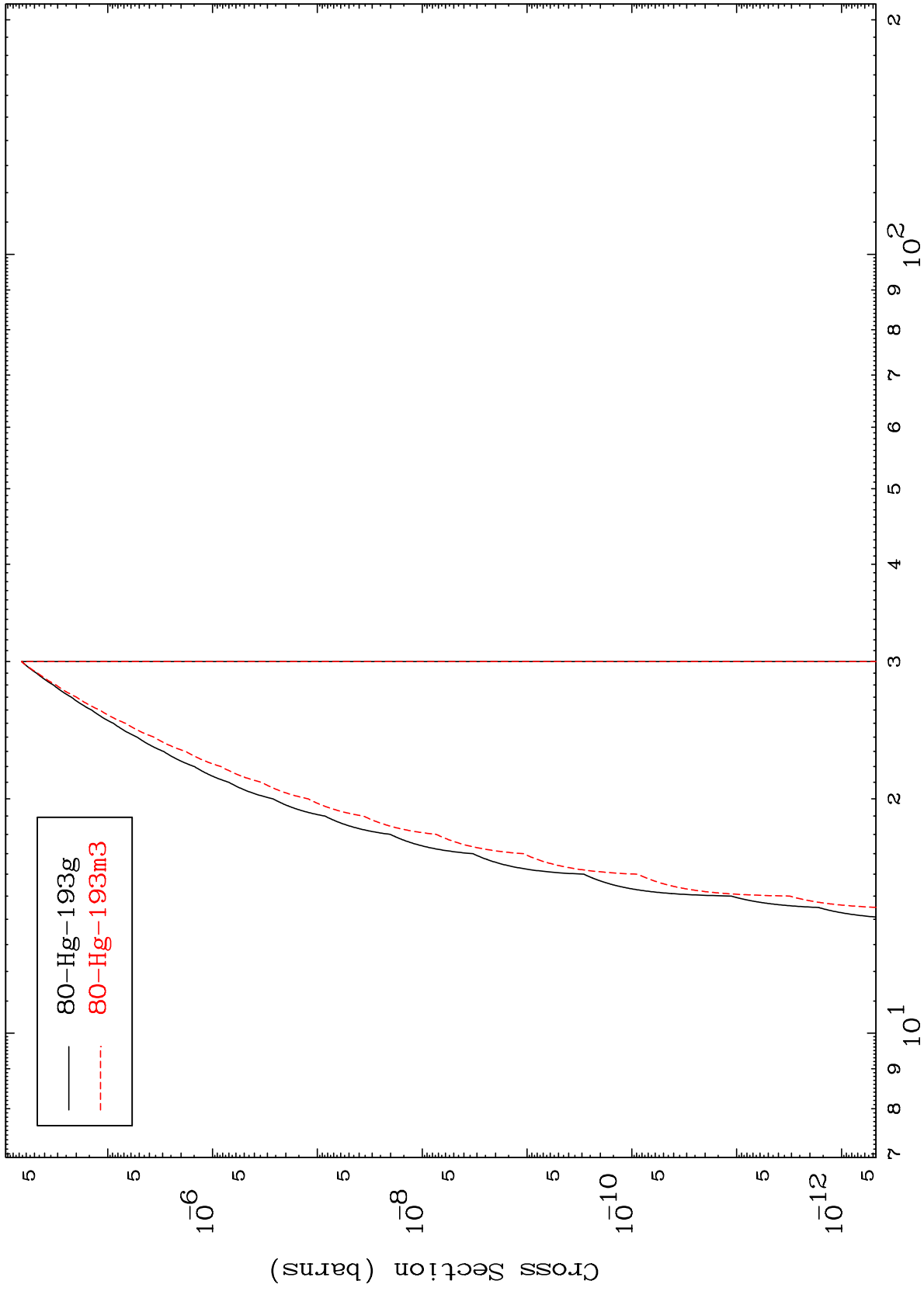
82-Pb-195

MAT 8198

(n,2n) p

82-Pb-195

Radionuclide Production Cross Section



123

Incident Energy (MeV)

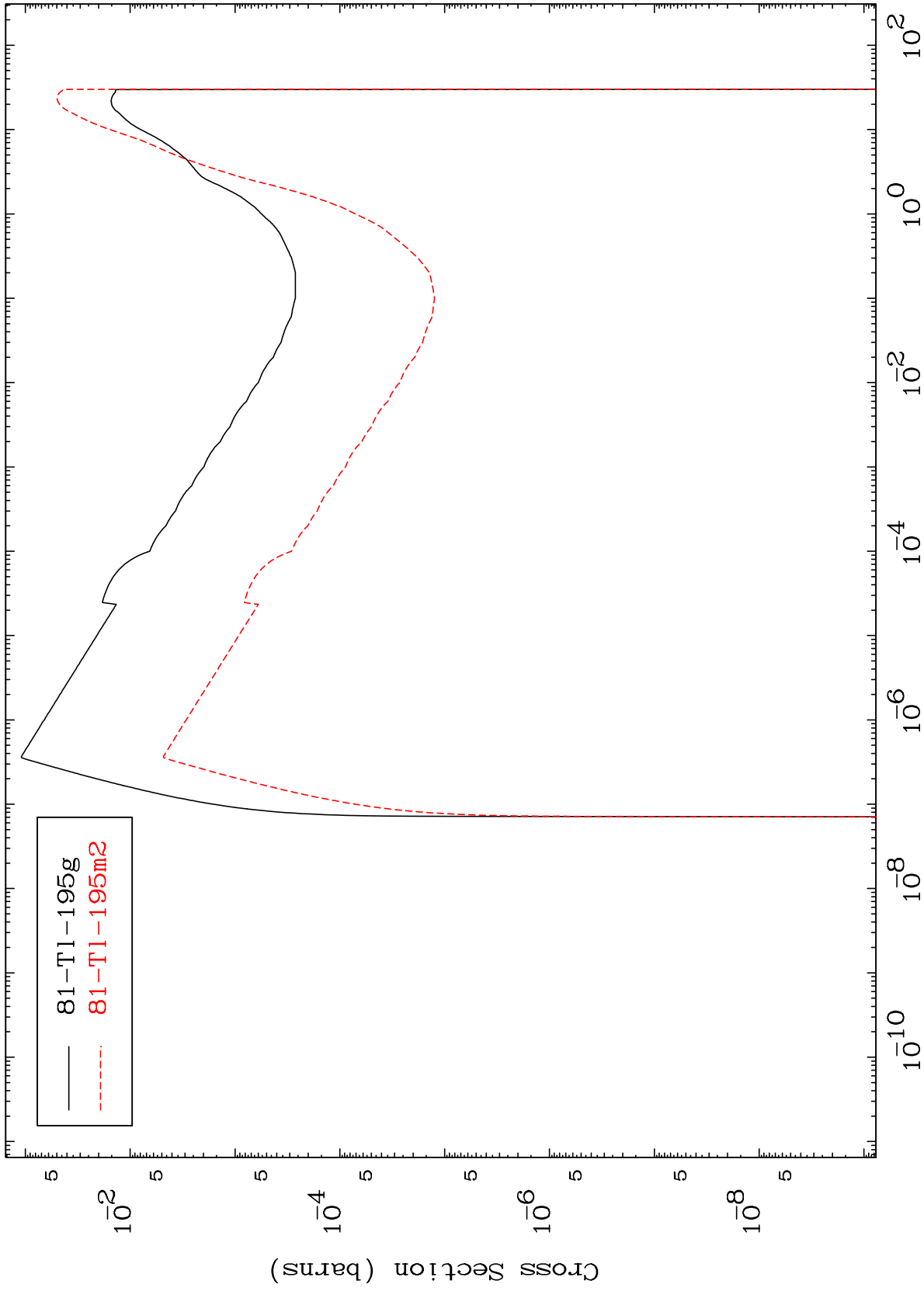
82-Pb-195

MAT 8198

(n,p)

82-Pb-195

Radionuclide Production Cross Section



124

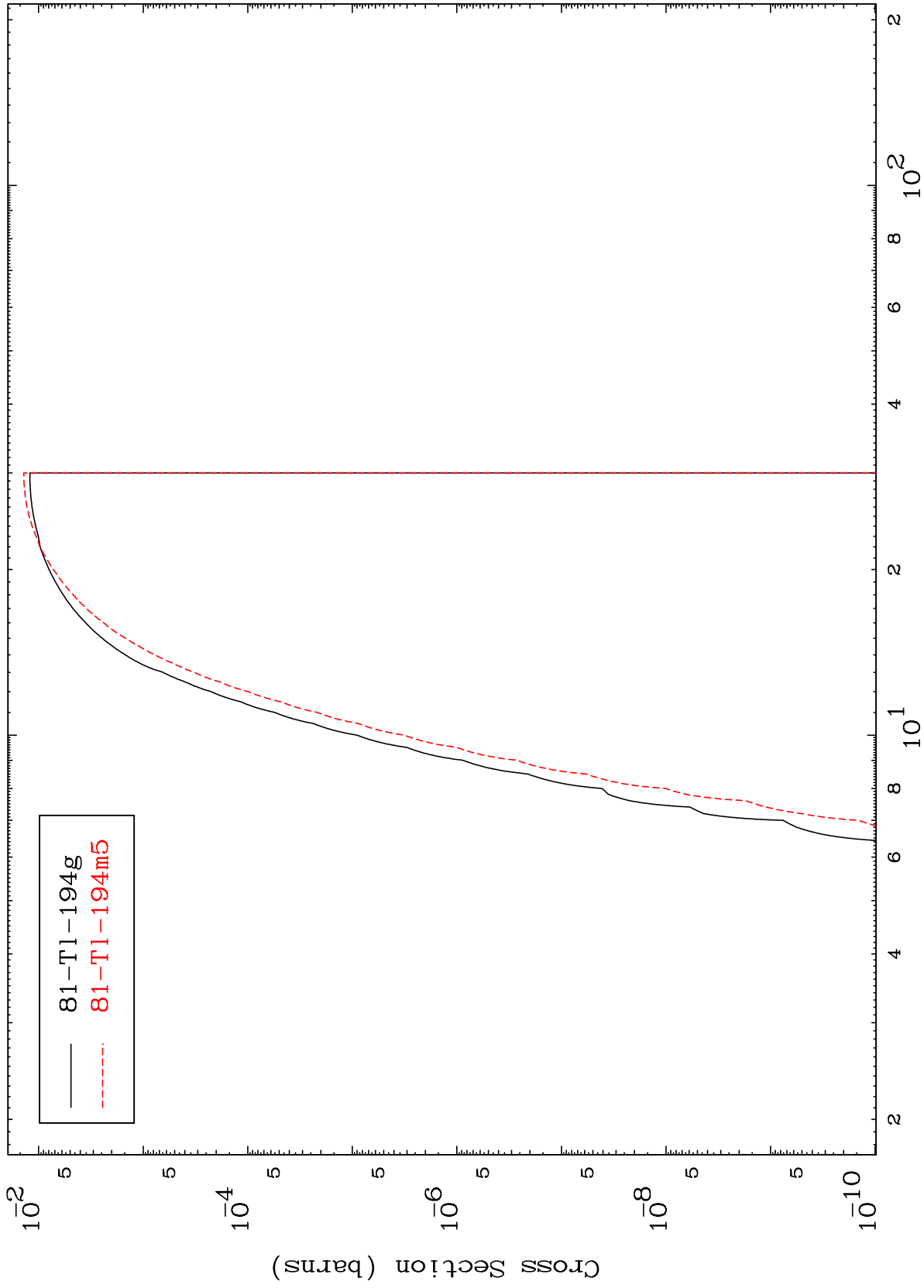
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n,d)  
Radionuclide Production Cross Section



125

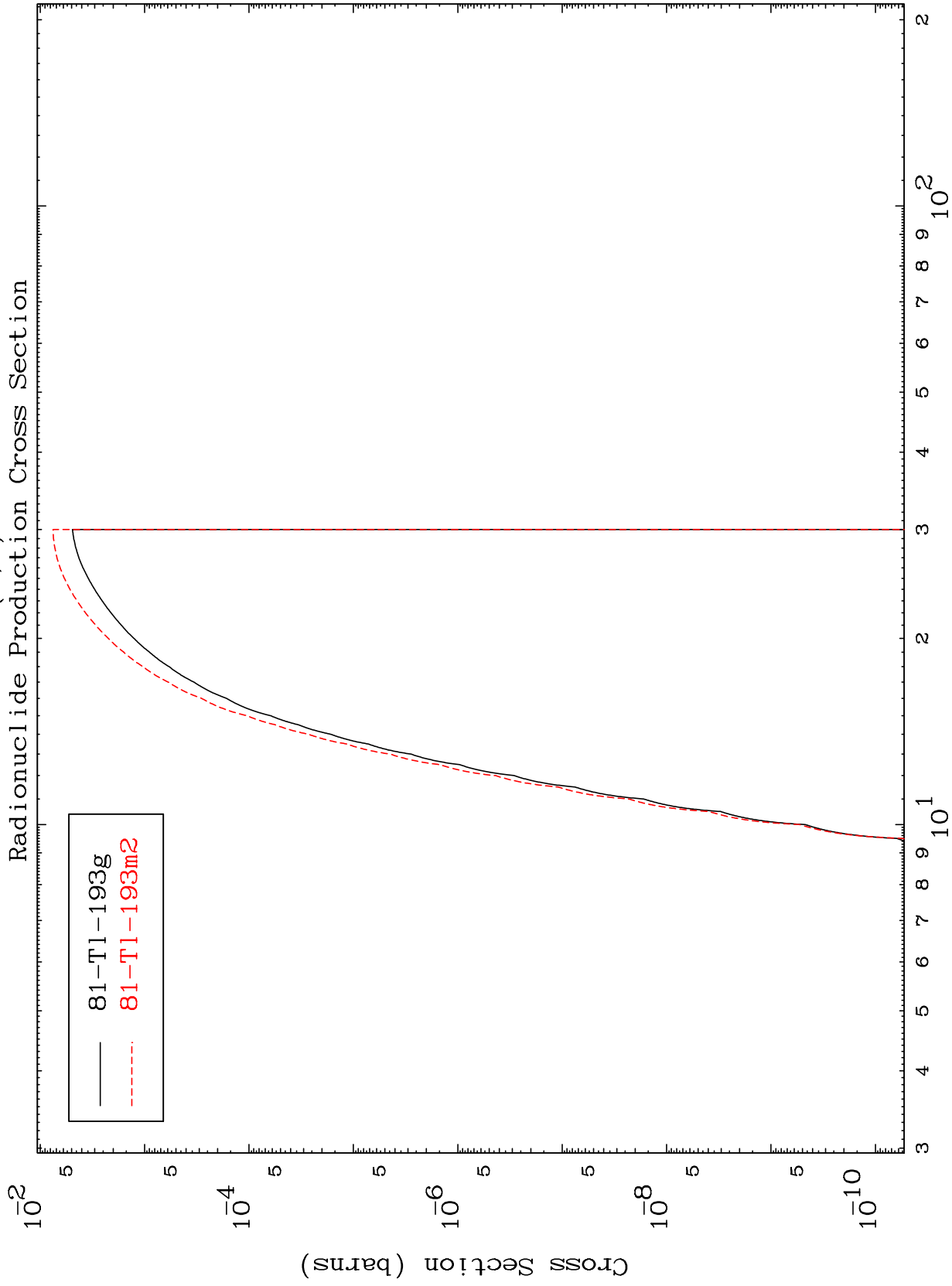
Incident Energy (MeV)

82-Pb-195

MAT 8198

82-Pb-195

(n, t)  
Radionuclide Production Cross Section



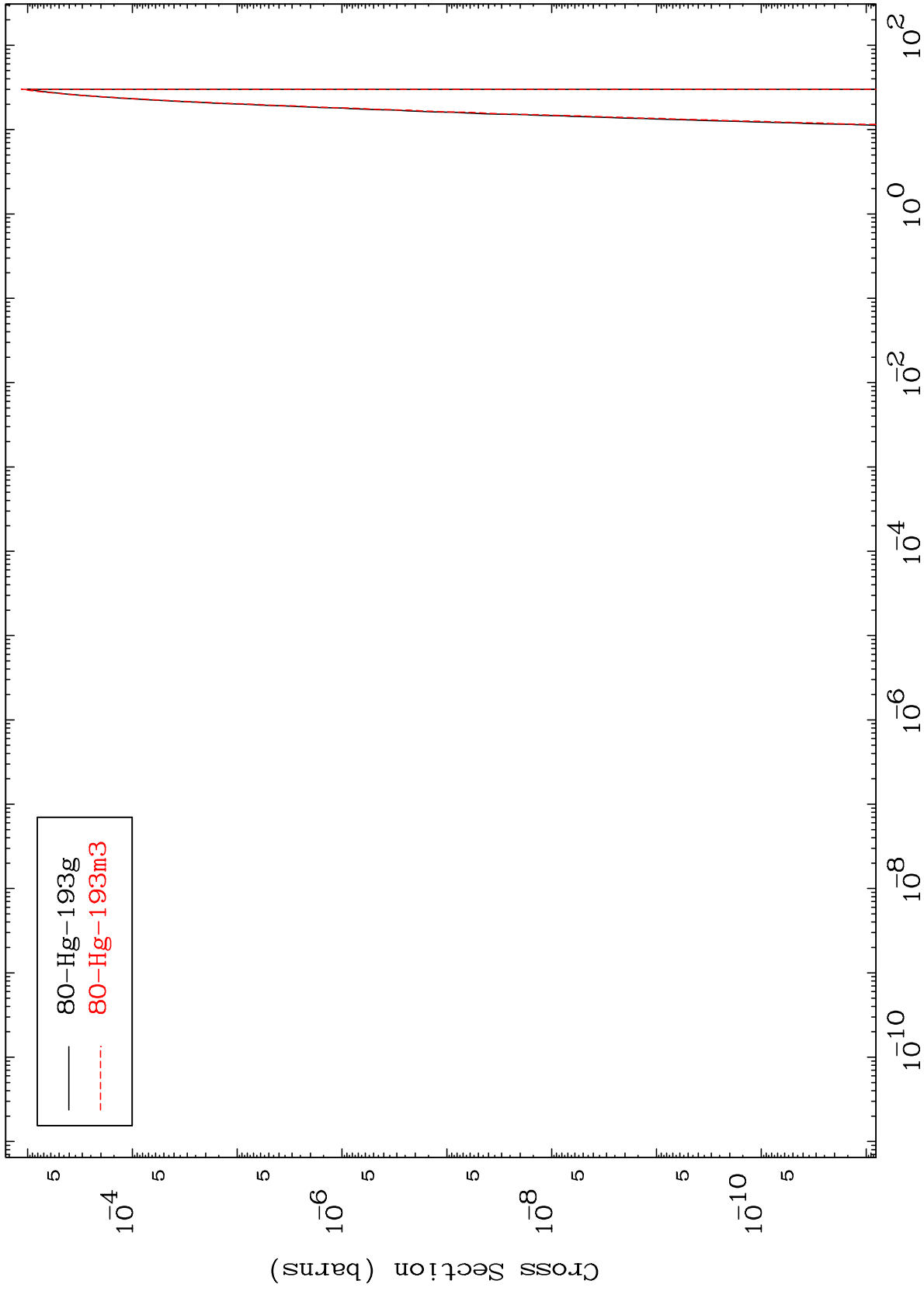
126

MAT 8198

(n, He-3)

82-Pb-195

Radionuclide Production Cross Section



127

Incident Energy (MeV)

82-Pb-195

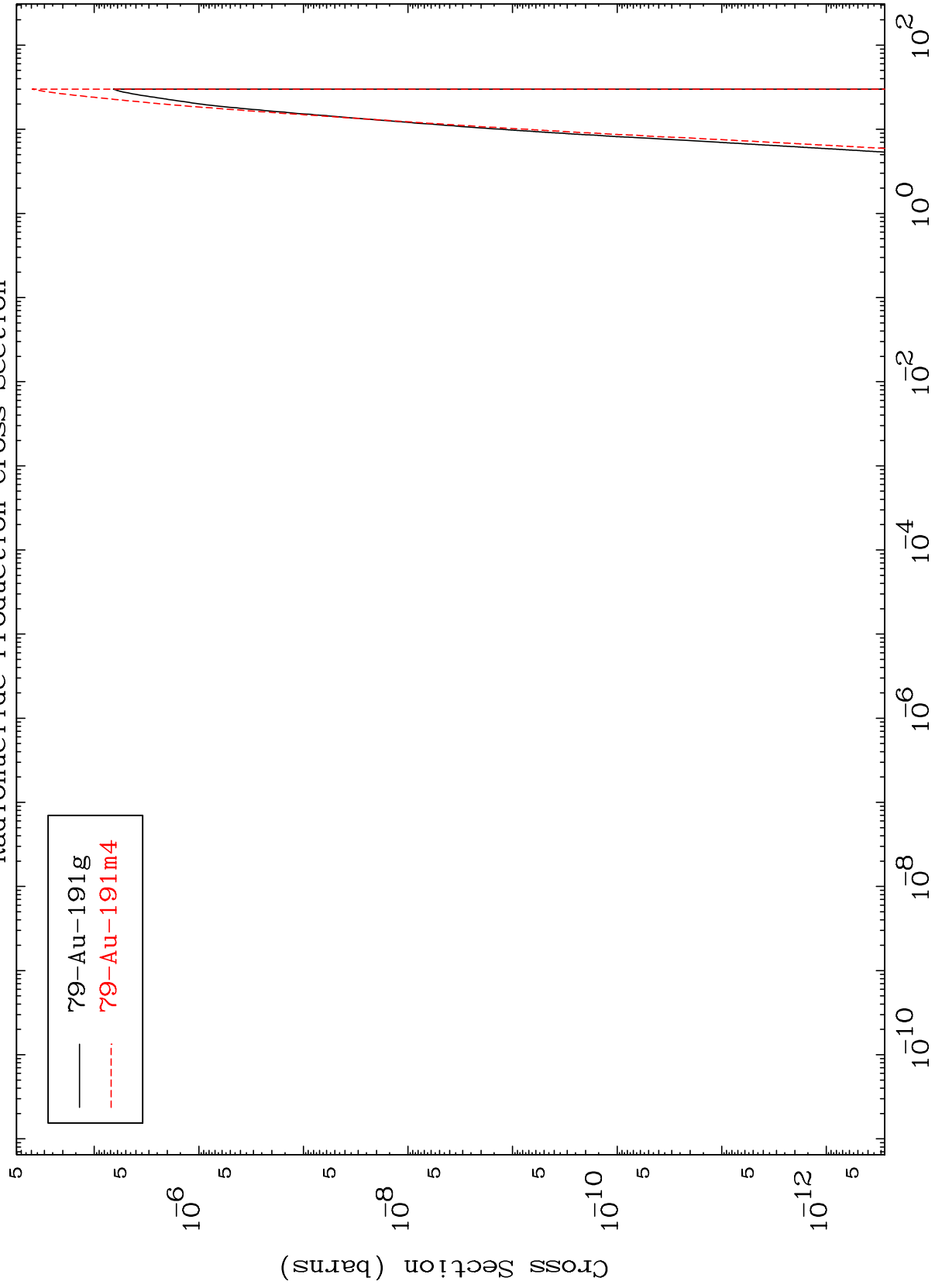


MAT 8198

(n,p)  $\alpha$

82-Pb-195

Radionuclide Production Cross Section



128

Incident Energy (MeV)

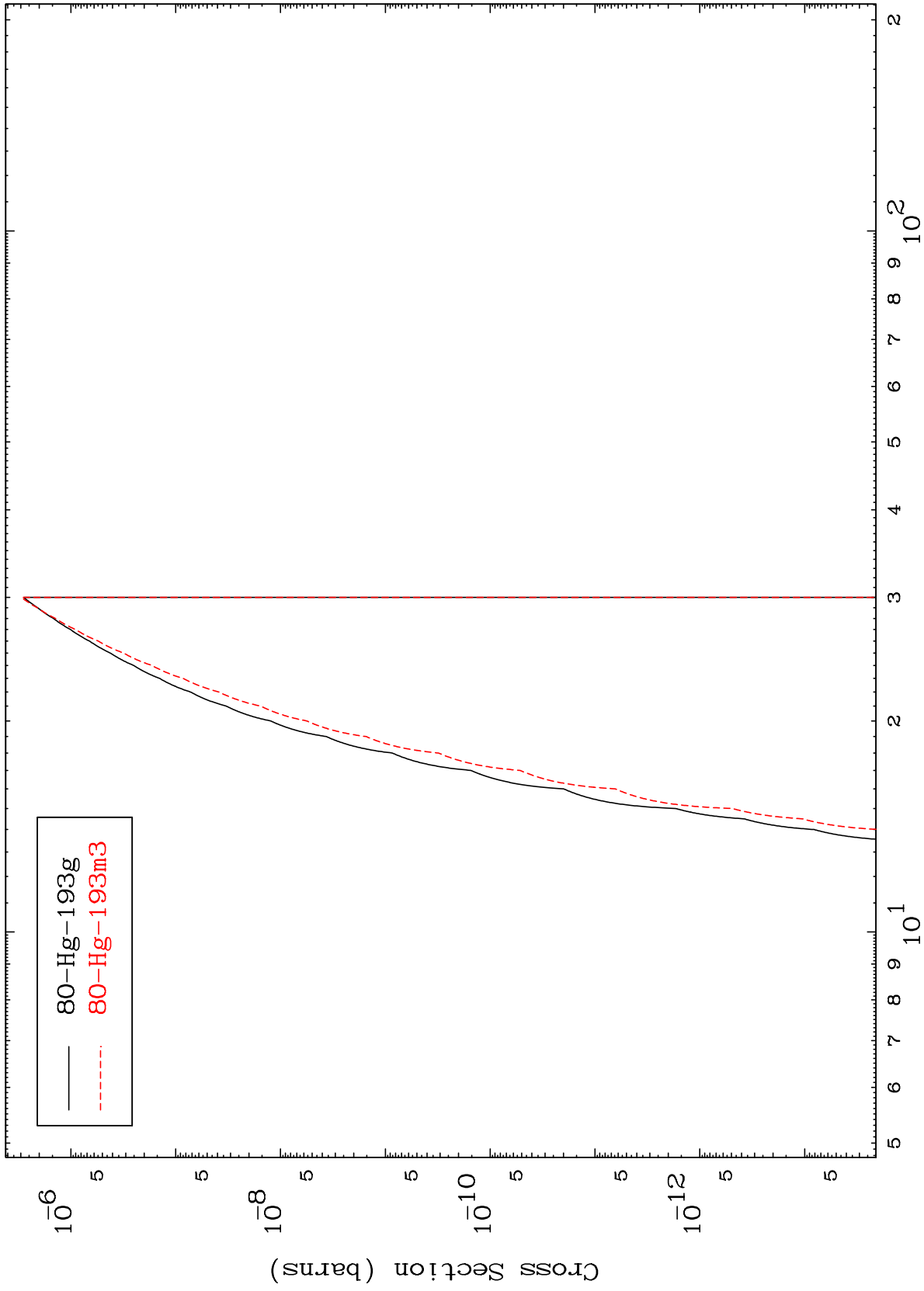
82-Pb-195

MAT 8198

(n,p) d

82-Pb-195

Radionuclide Production Cross Section



129

Incident Energy (MeV)

82-Pb-195