

Program EVALPLOT
(Version 2018-1)

by

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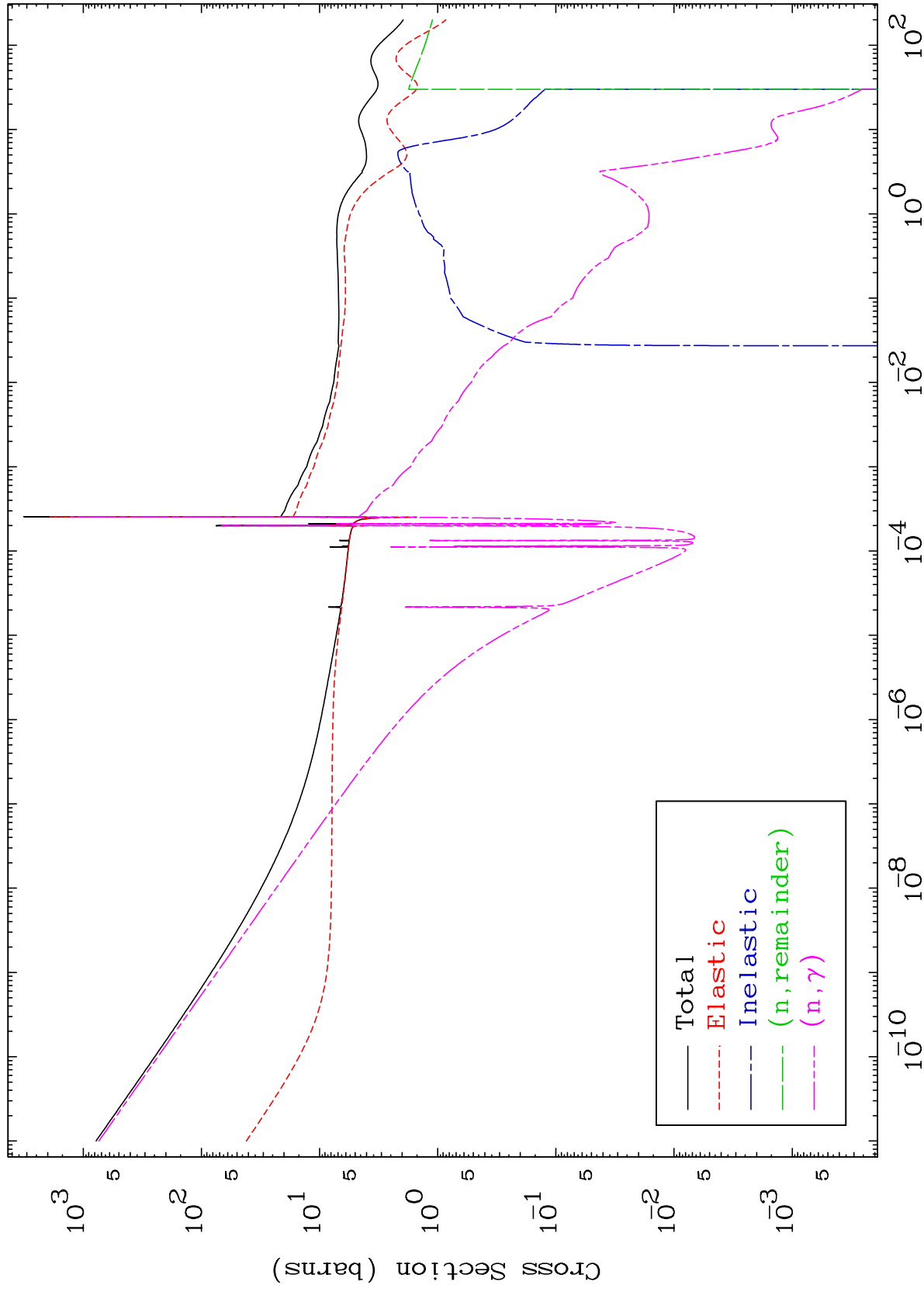
Press Mouse Button to Start

MAT 4864

Major

293 Kelvin Cross Sections

48-Cd-119



1

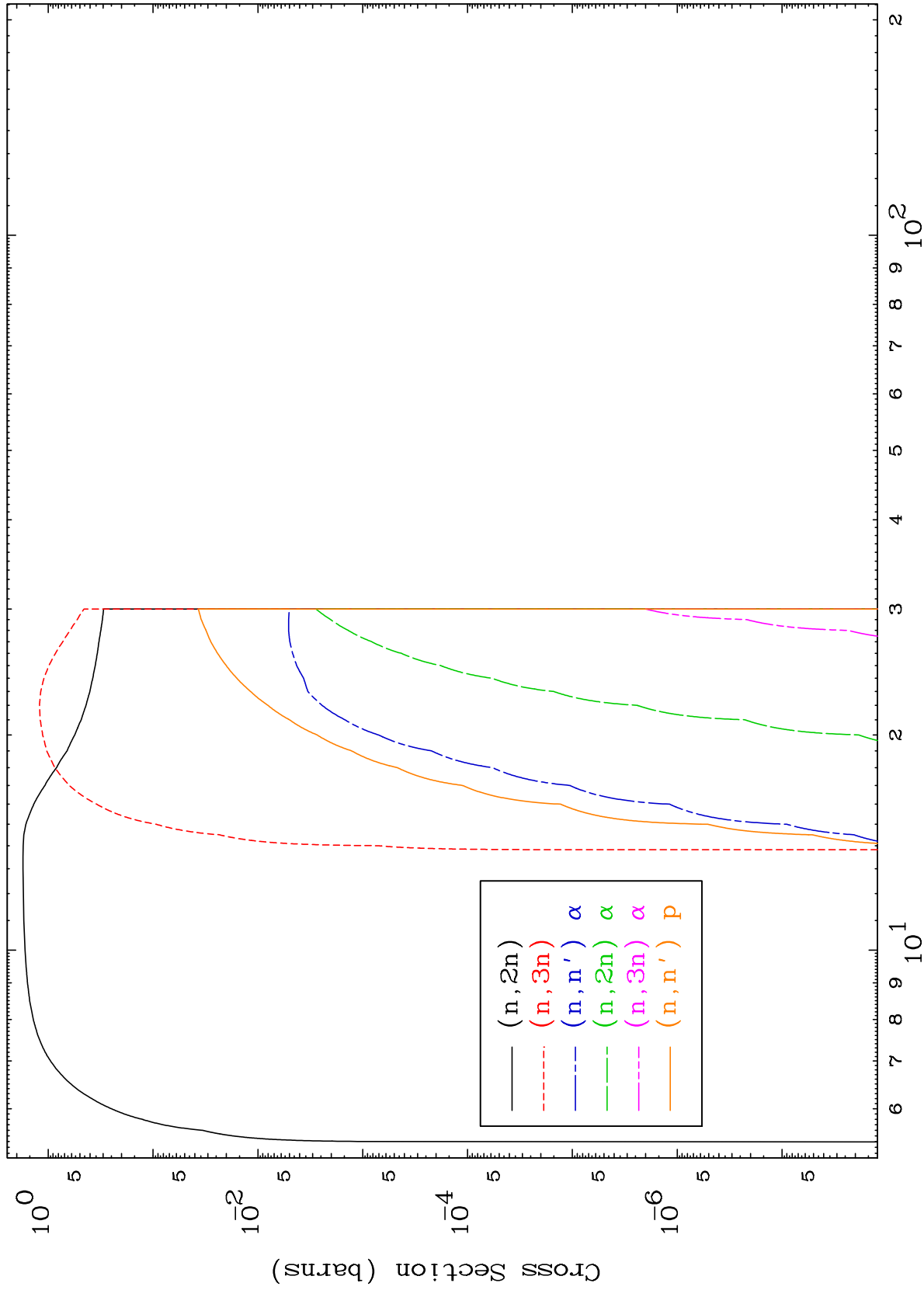
Incident Energy (MeV)

48-Cd-119

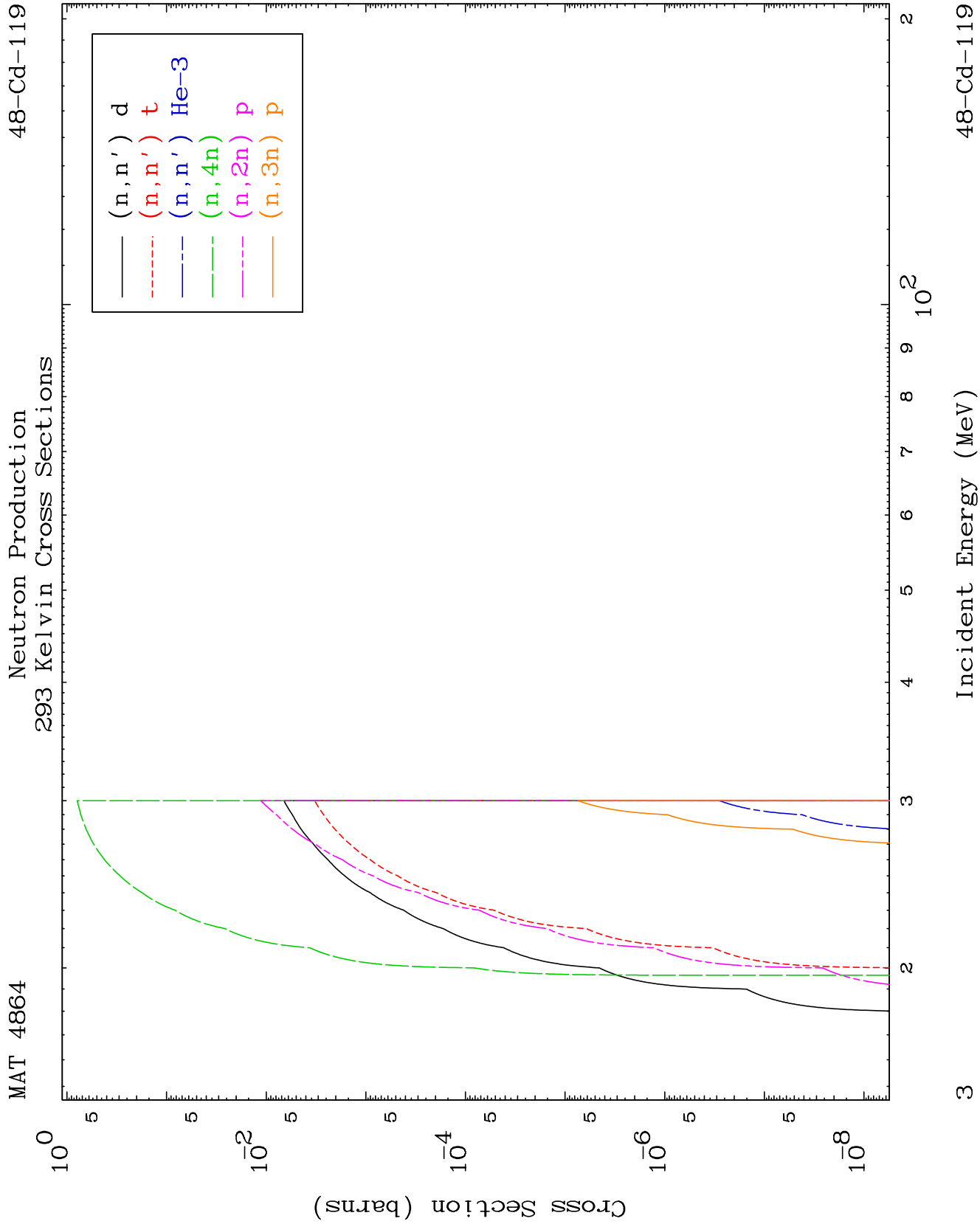
MAT 4864

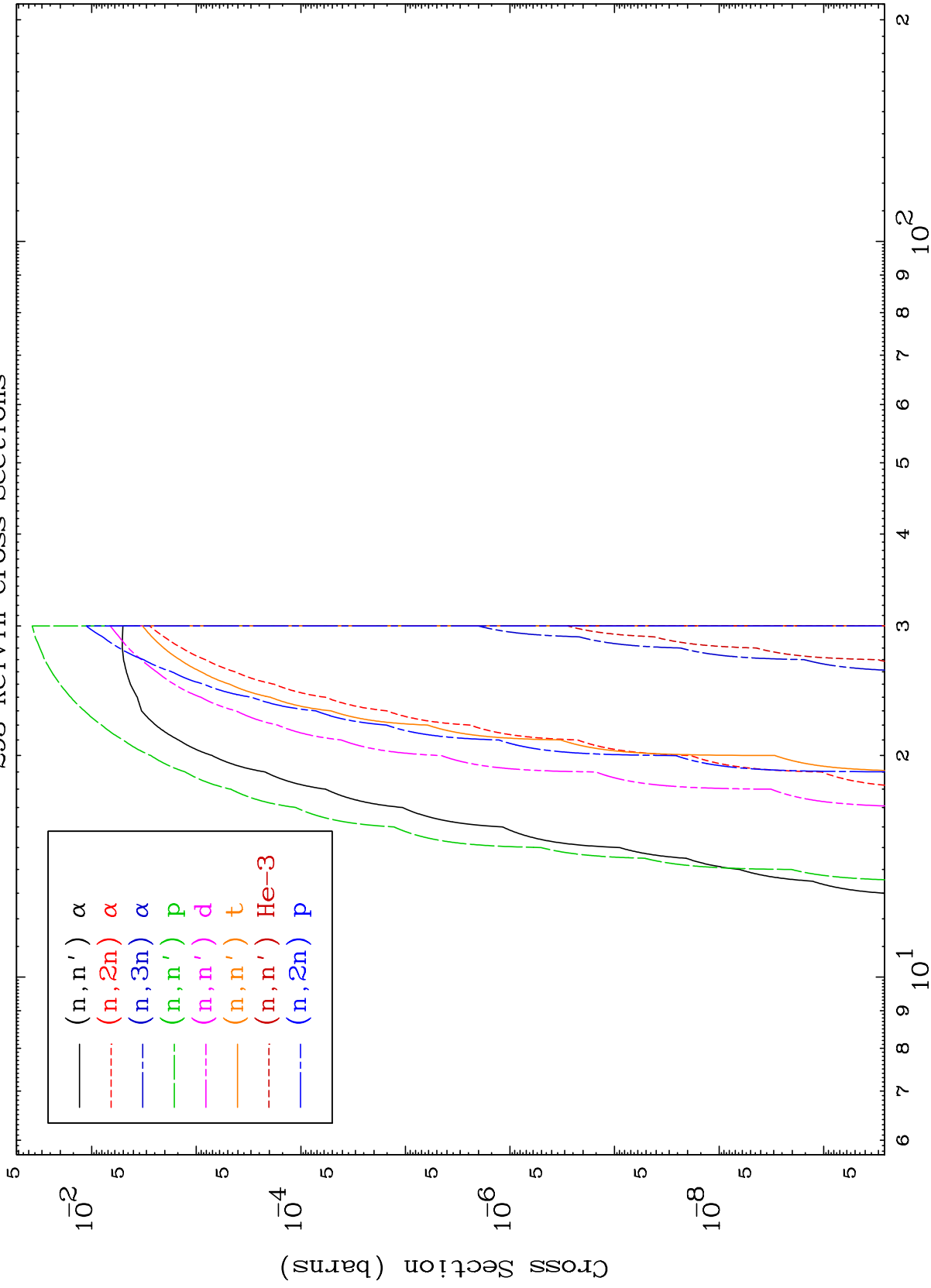
Neutron Production
293 Kelvin Cross Sections

48-Cd-119



2

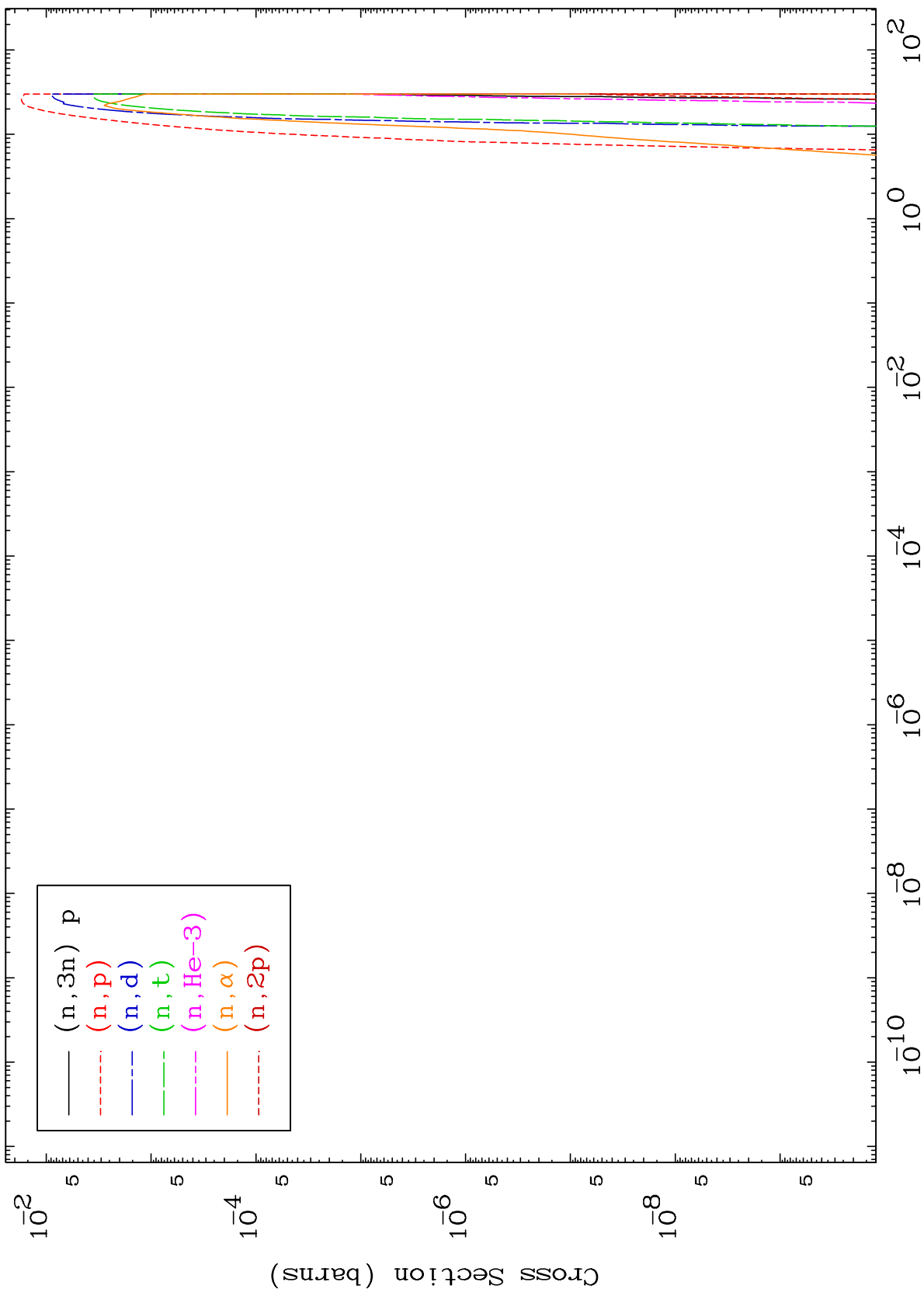




MAT 4864

Charged Particle
293 Kelvin Cross Sections

48-Cd-119



5

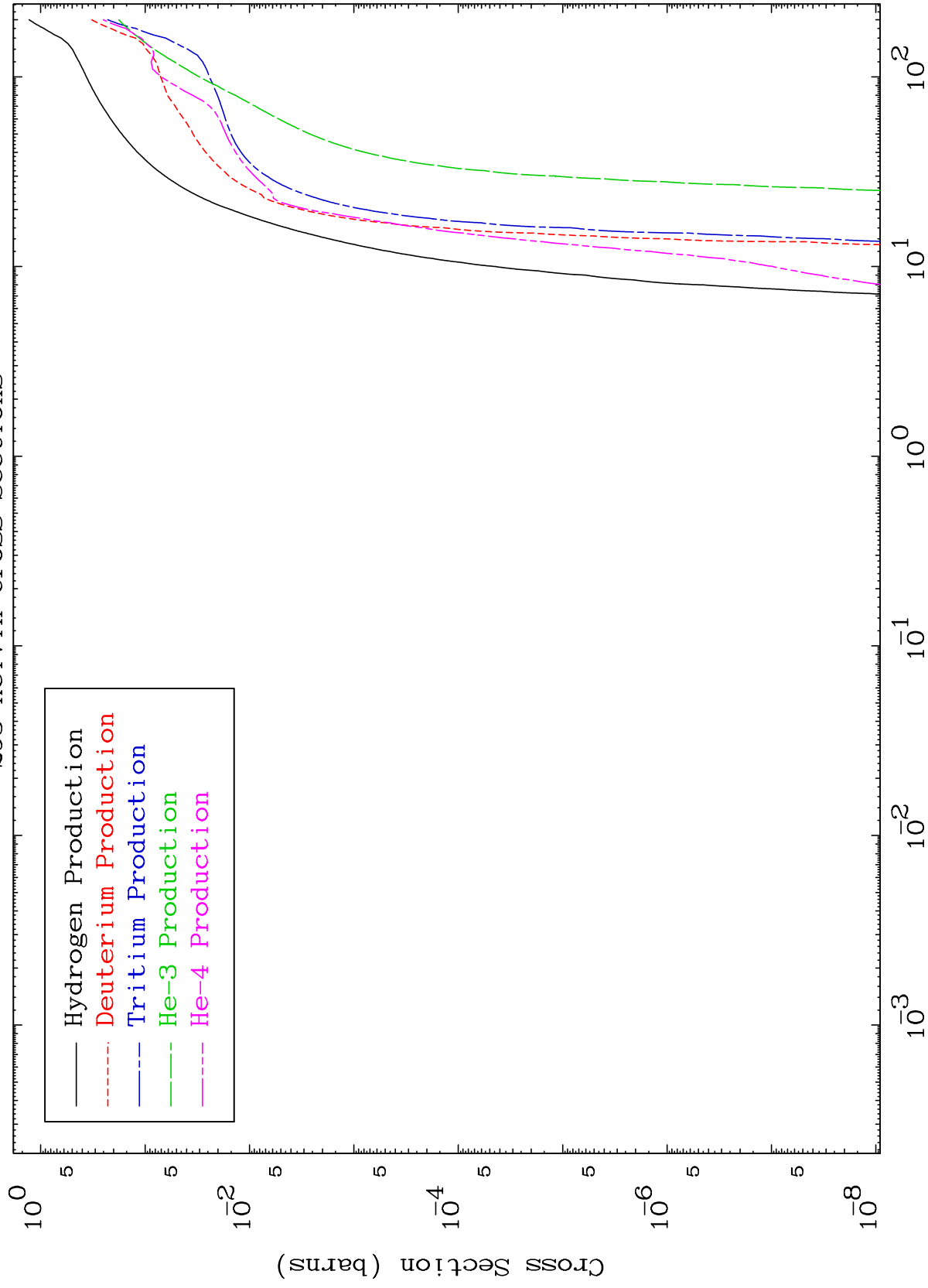
Incident Energy (MeV)

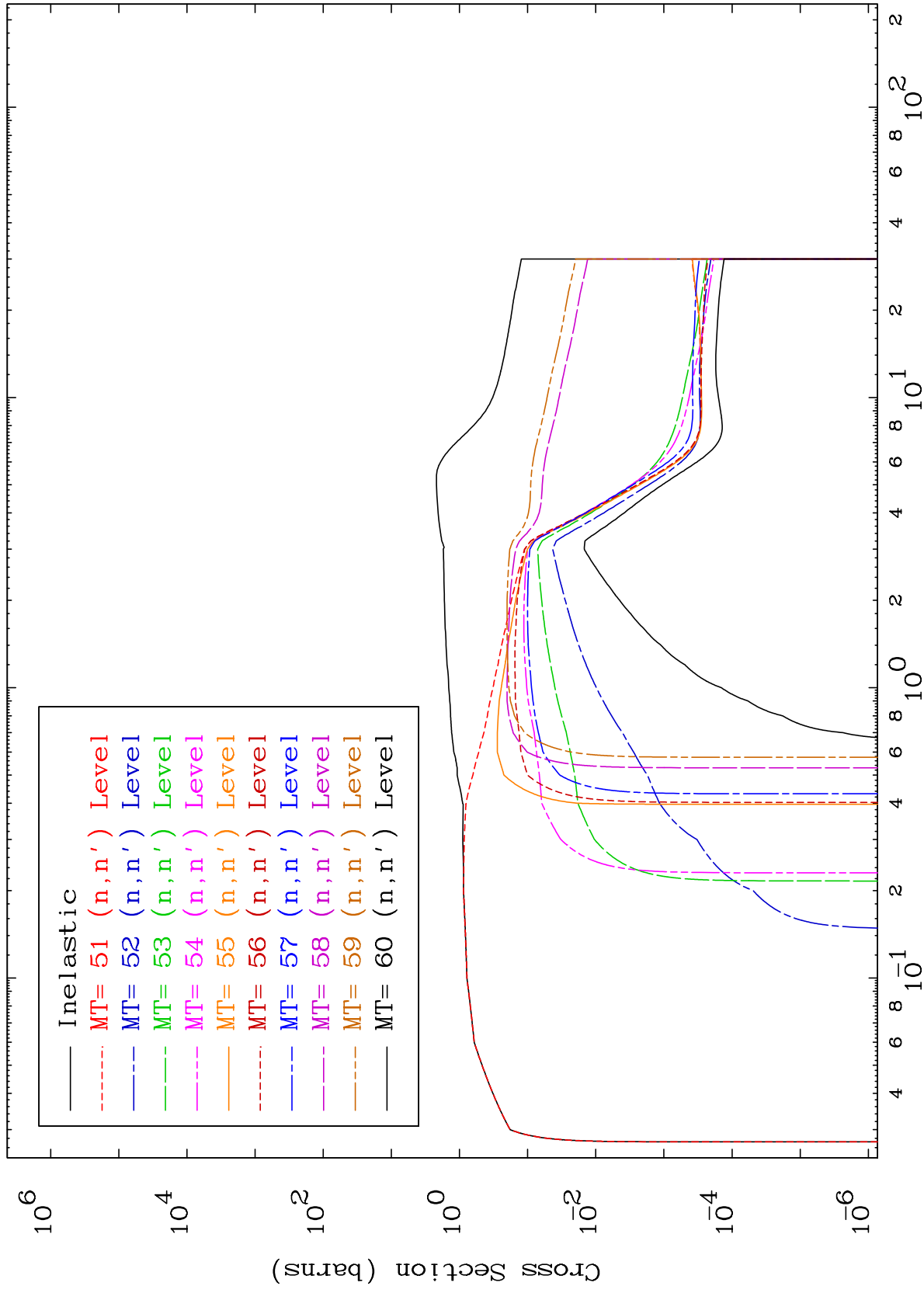
48-Cd-119

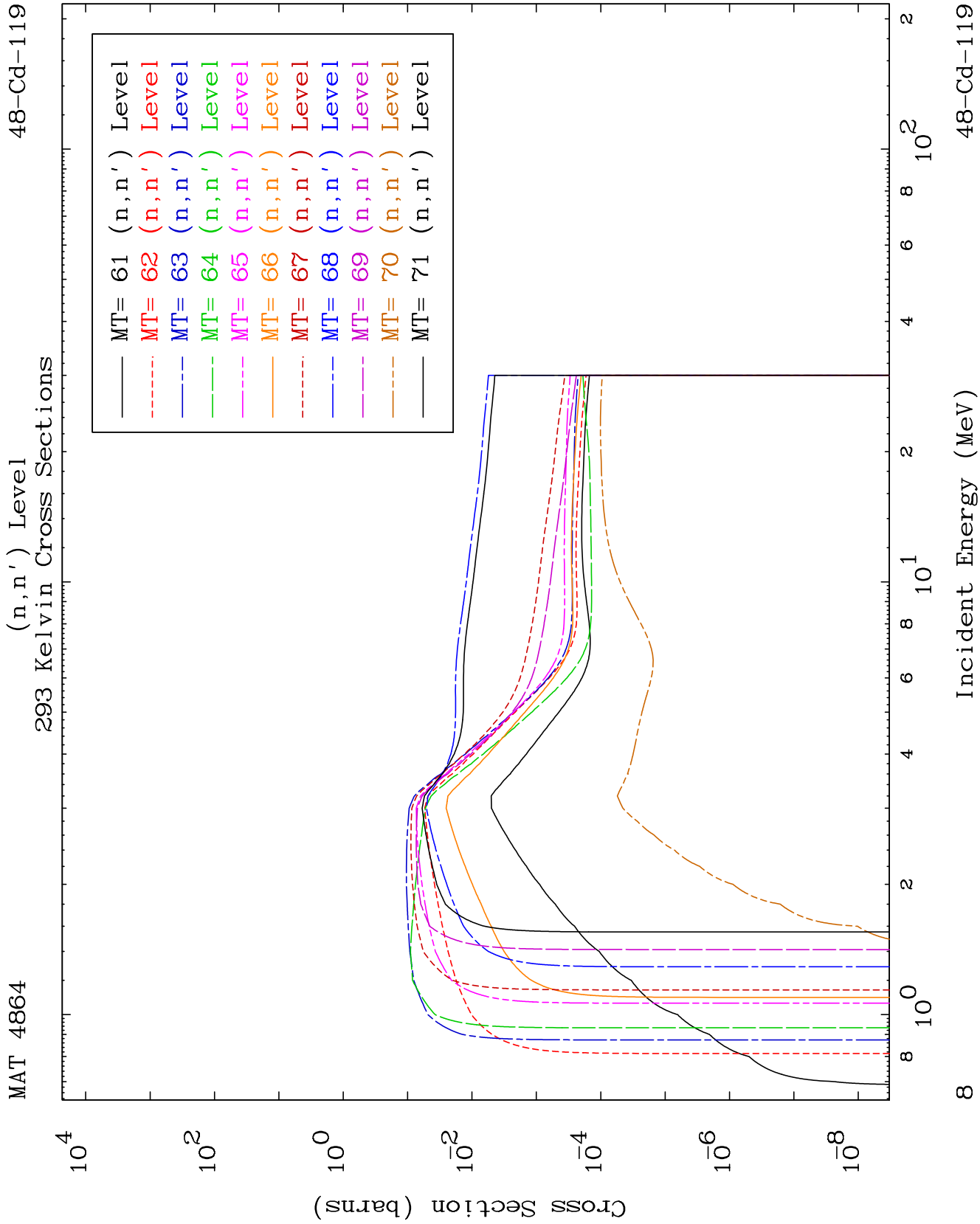
MAT 4864

Particle Production
293 Kelvin Cross Sections

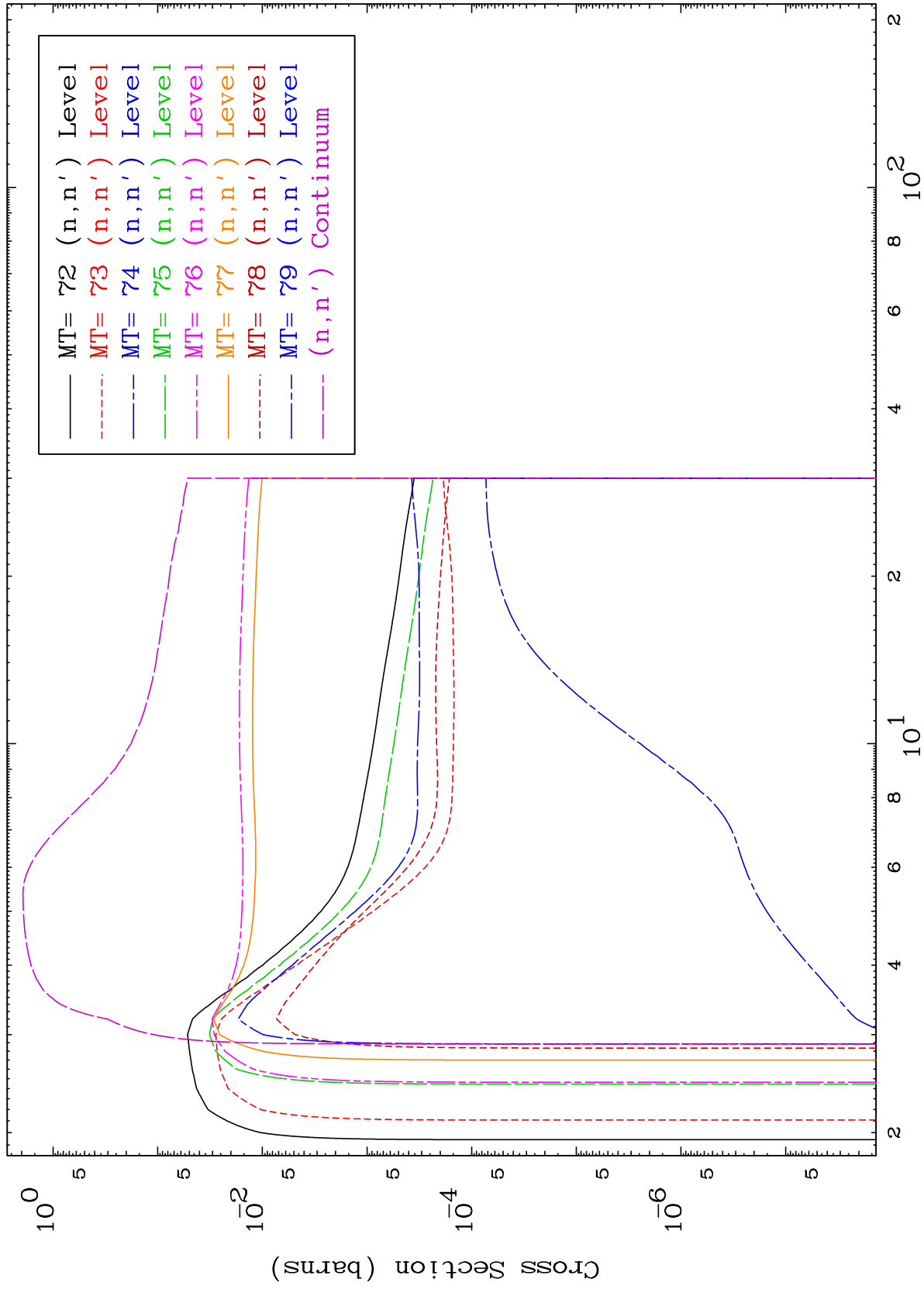
48-Cd-119







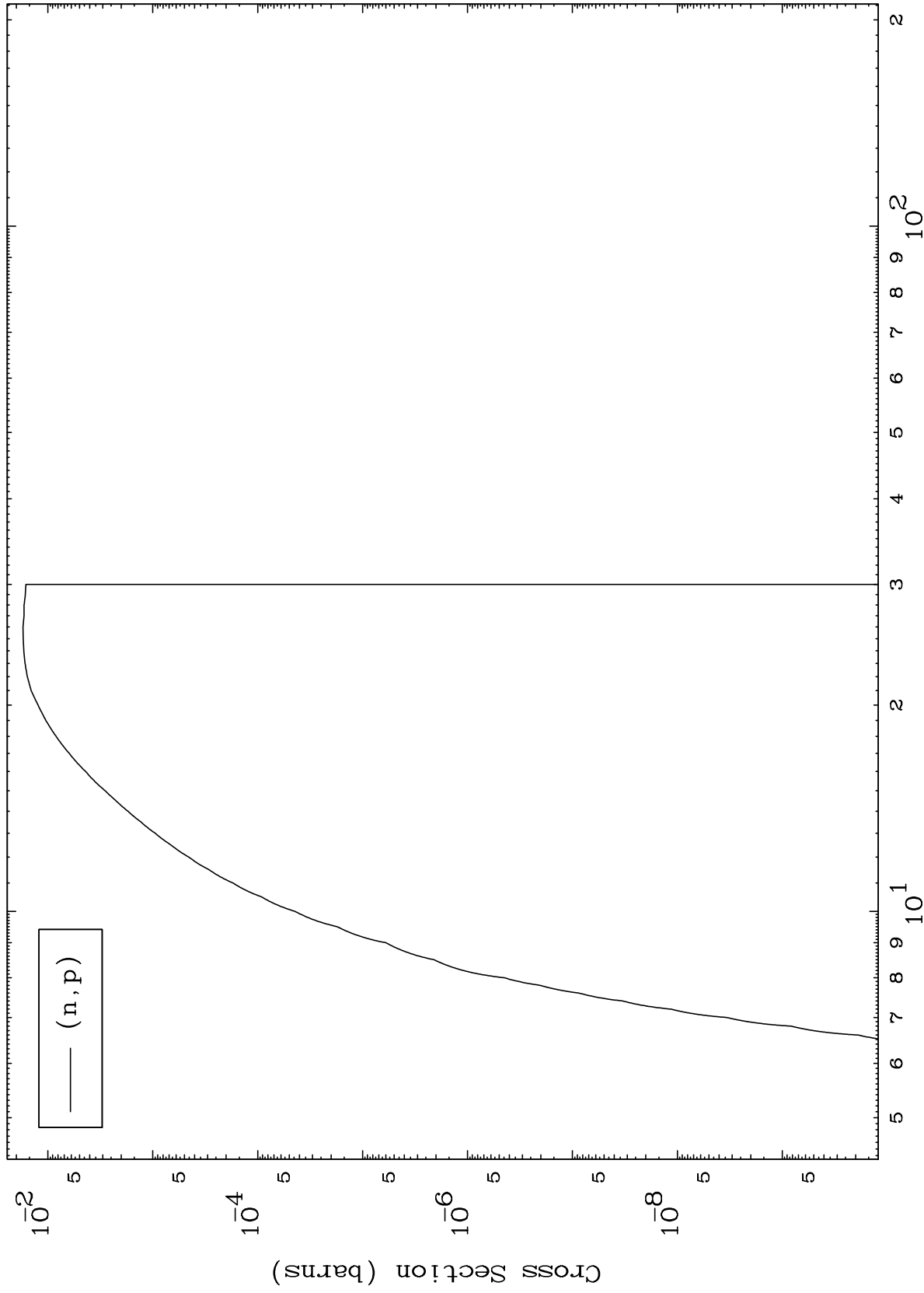
293 Kelvin Cross Sections



MAT 4864

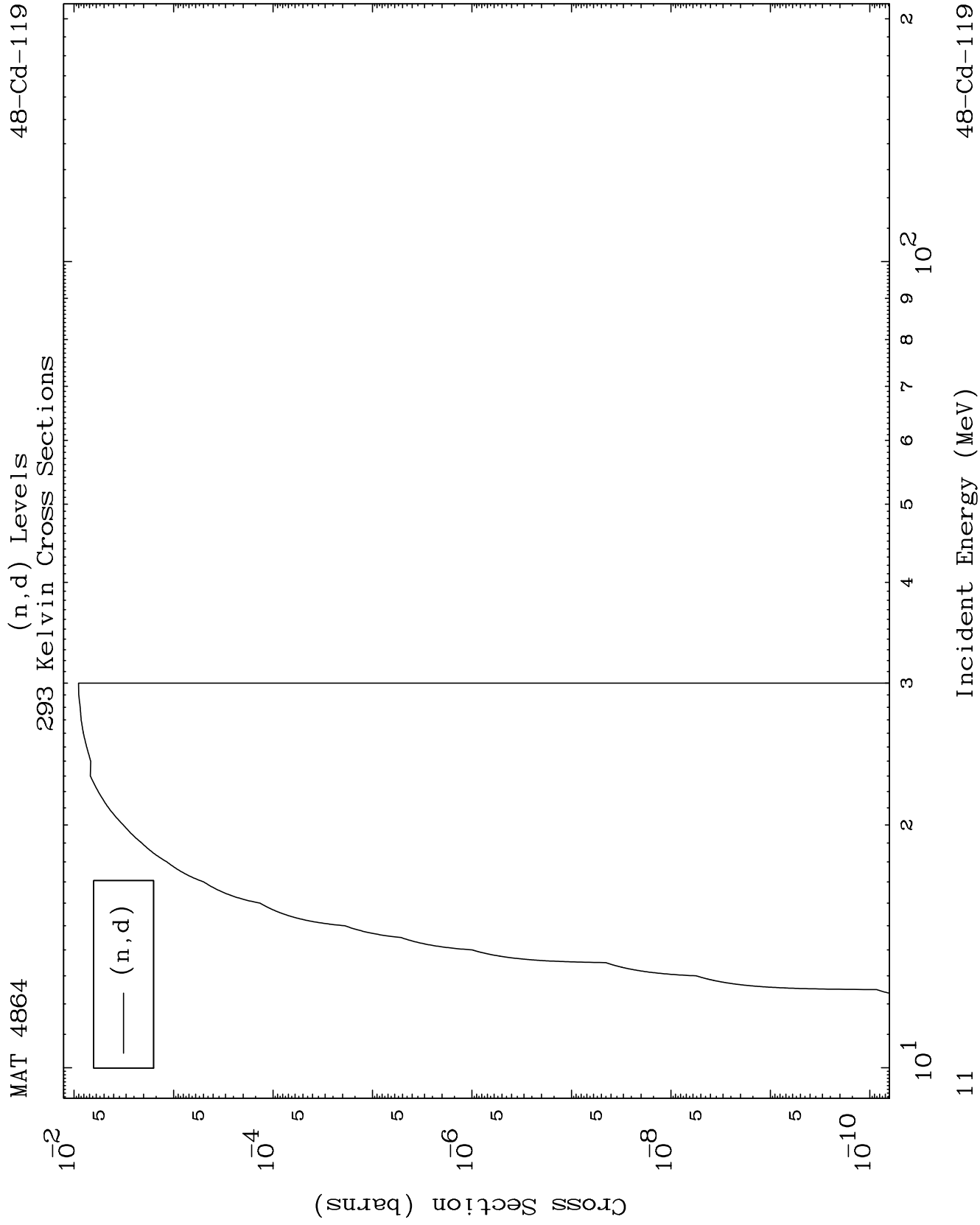
48-Cd-119

(n,p) Levels
293 Kelvin Cross Sections



Incident Energy (MeV)

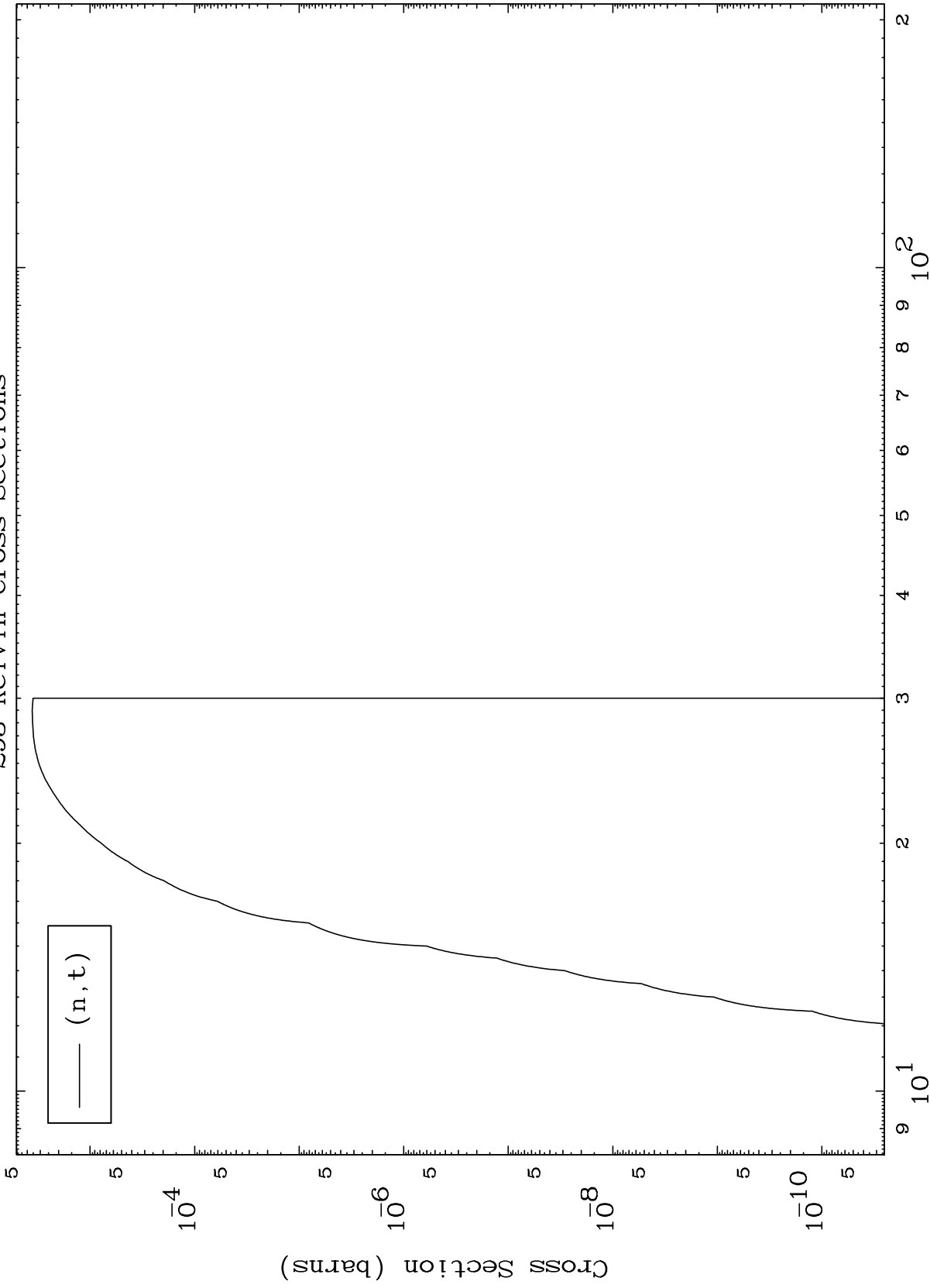
48-Cd-119



MAT 4864

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-119



12

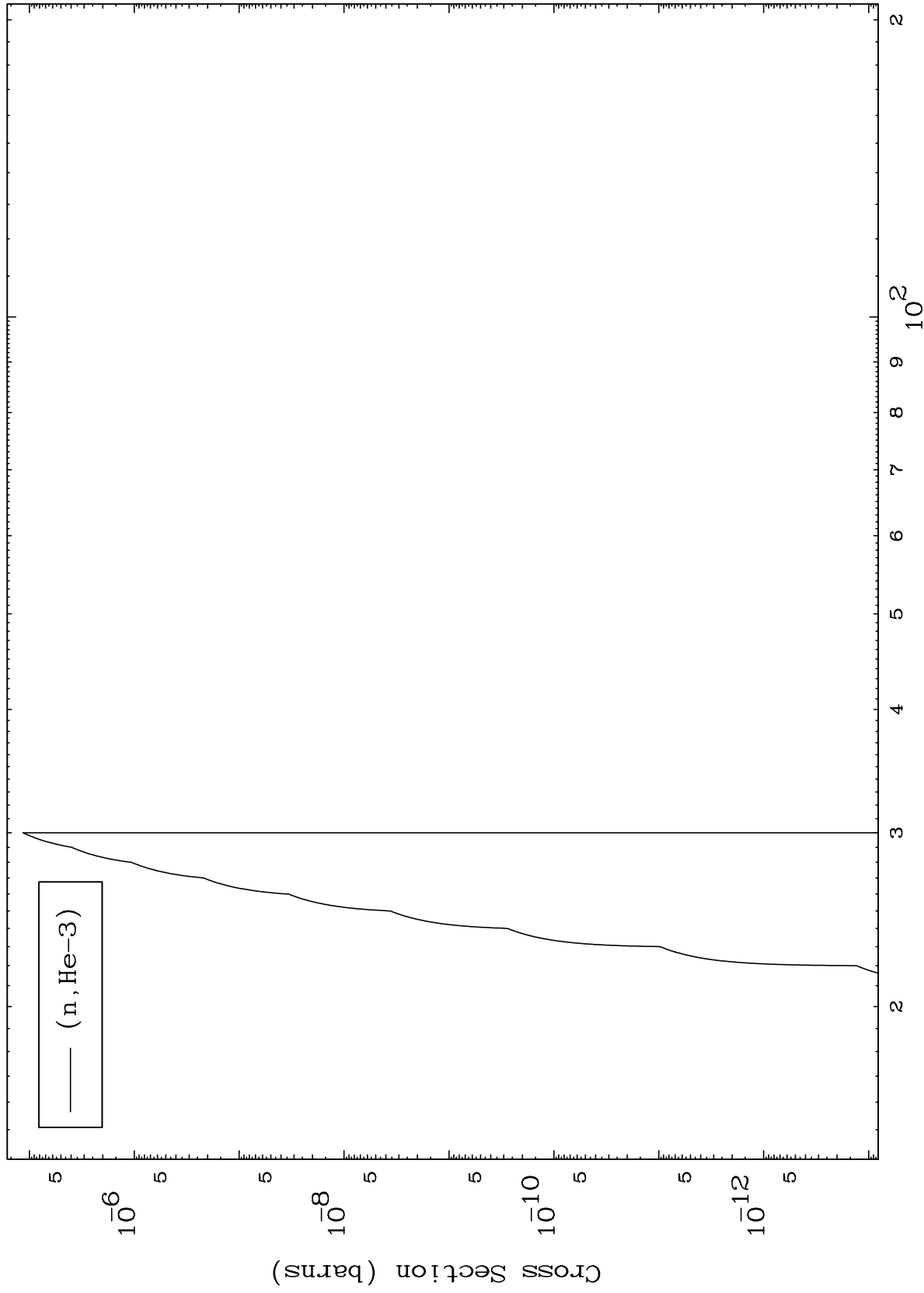
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n,He3) Levels
293 Kelvin Cross Sections



13

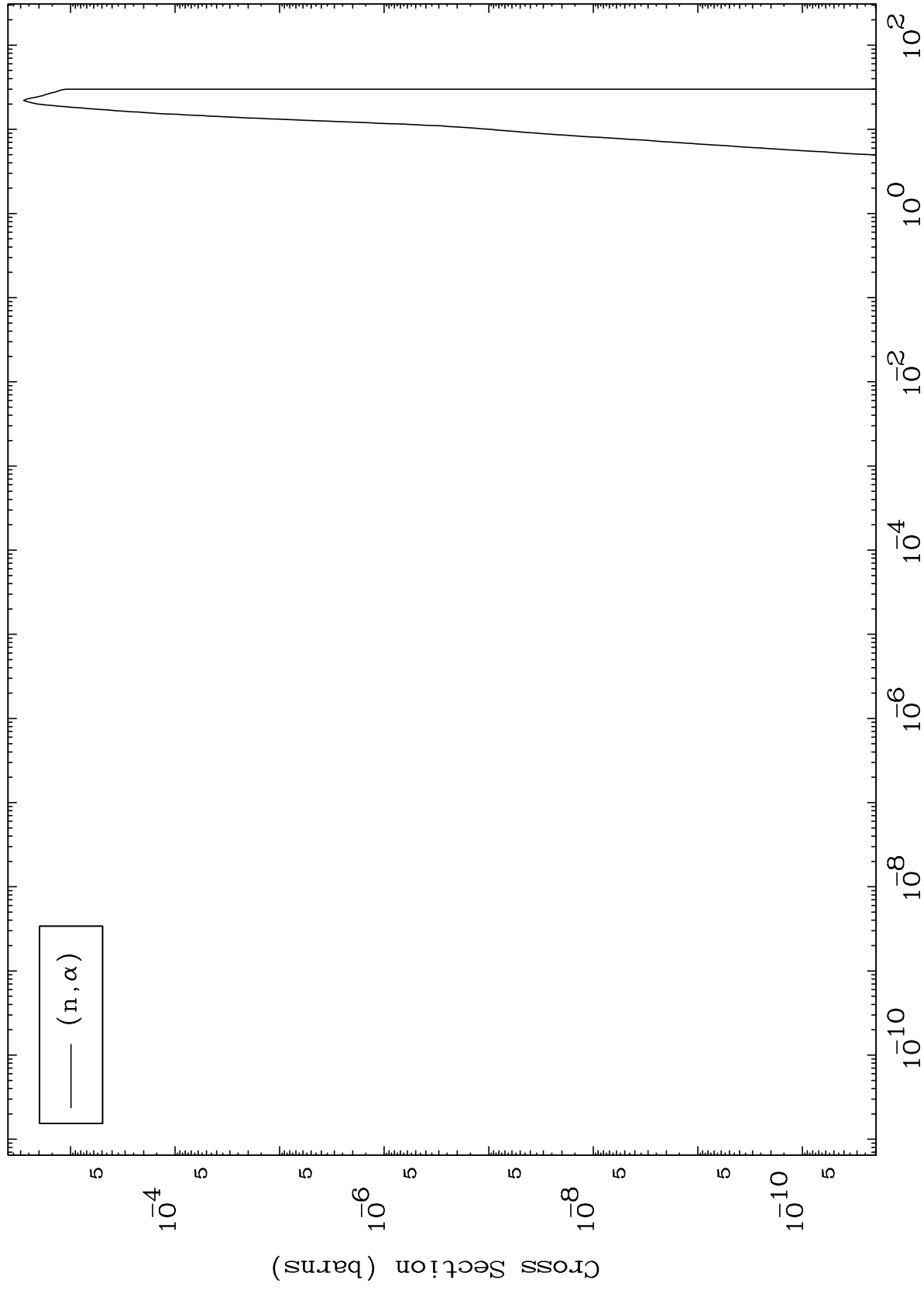
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n, α) Levels
293 Kelvin Cross Sections

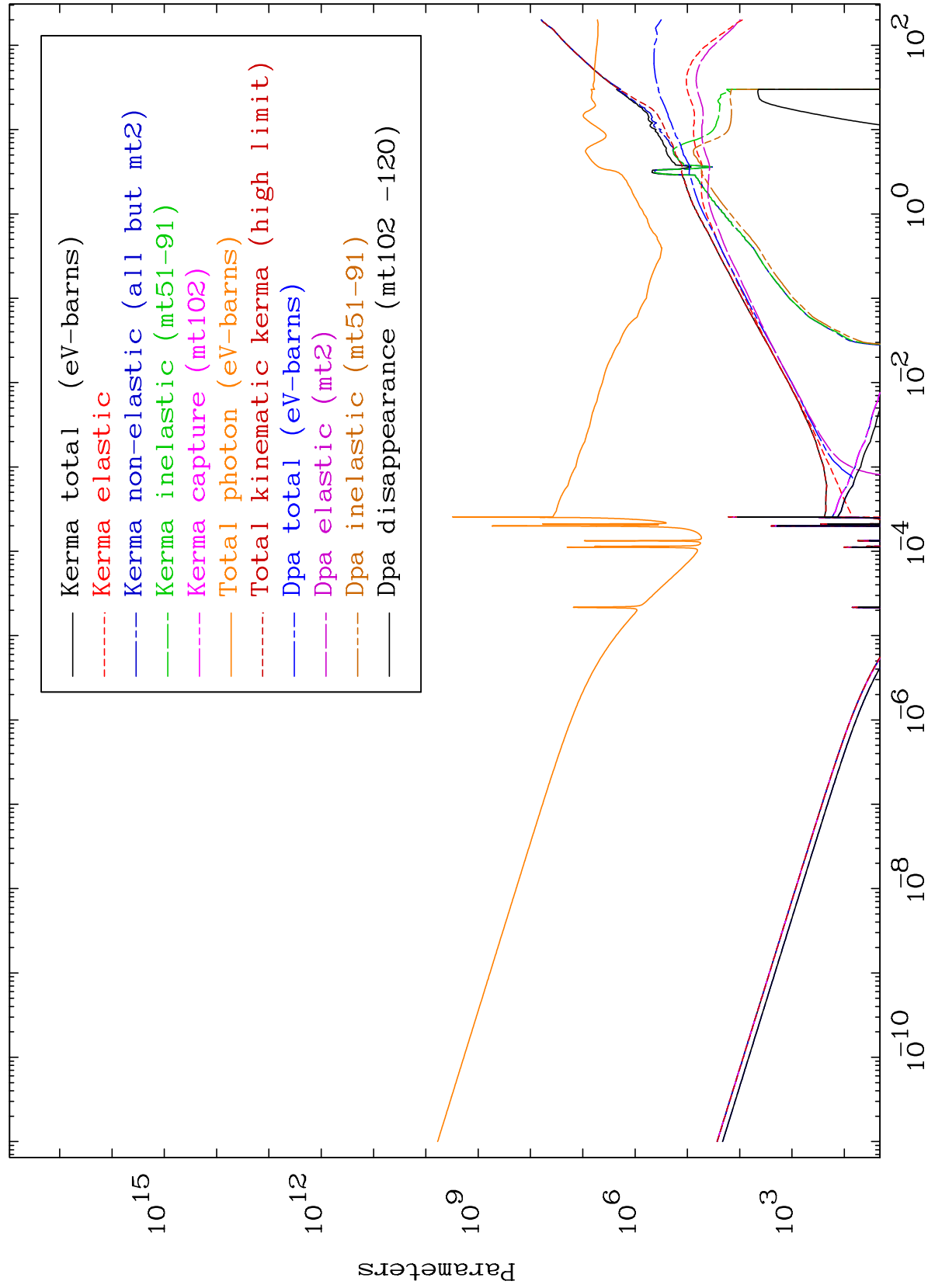
48-Cd-119

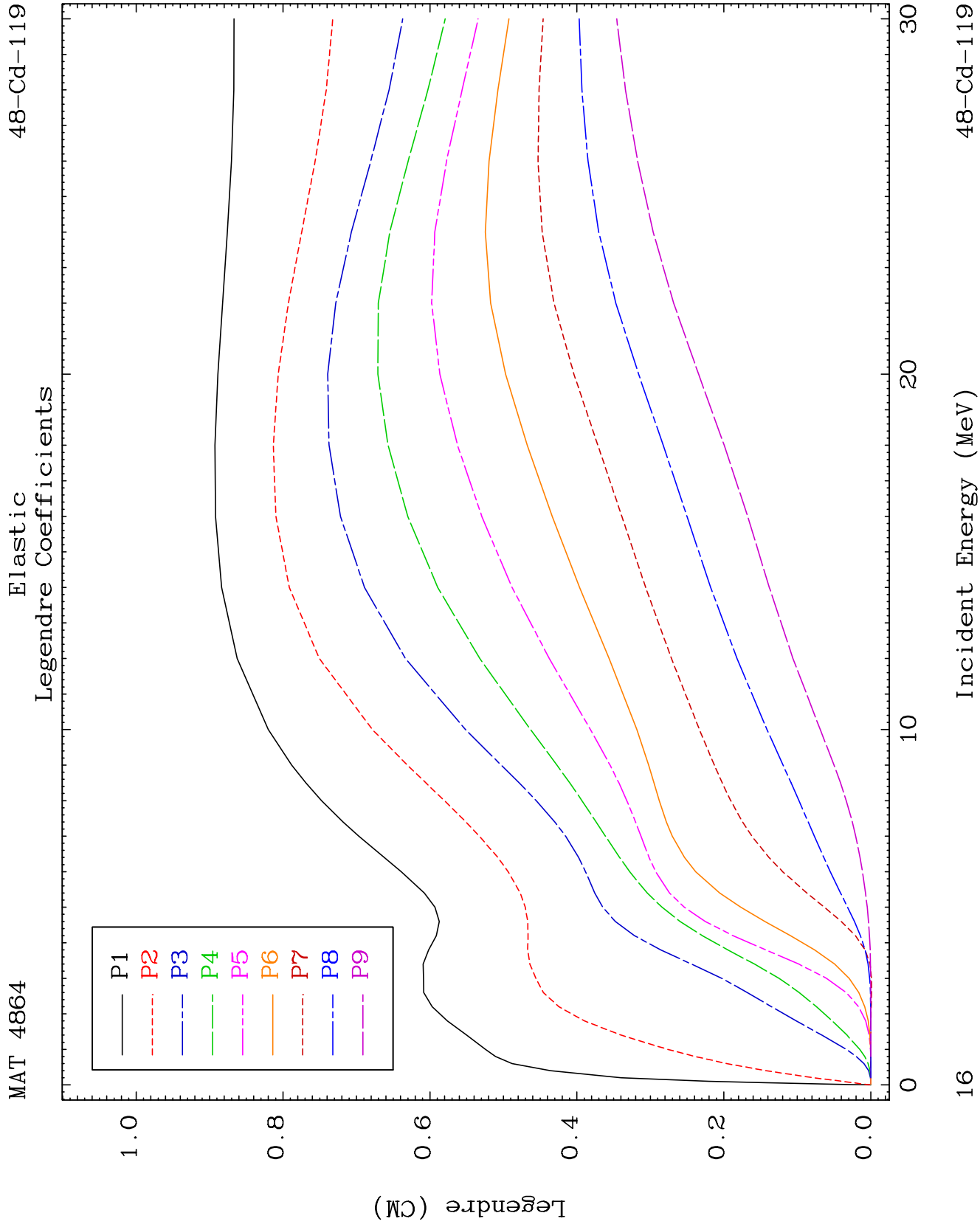


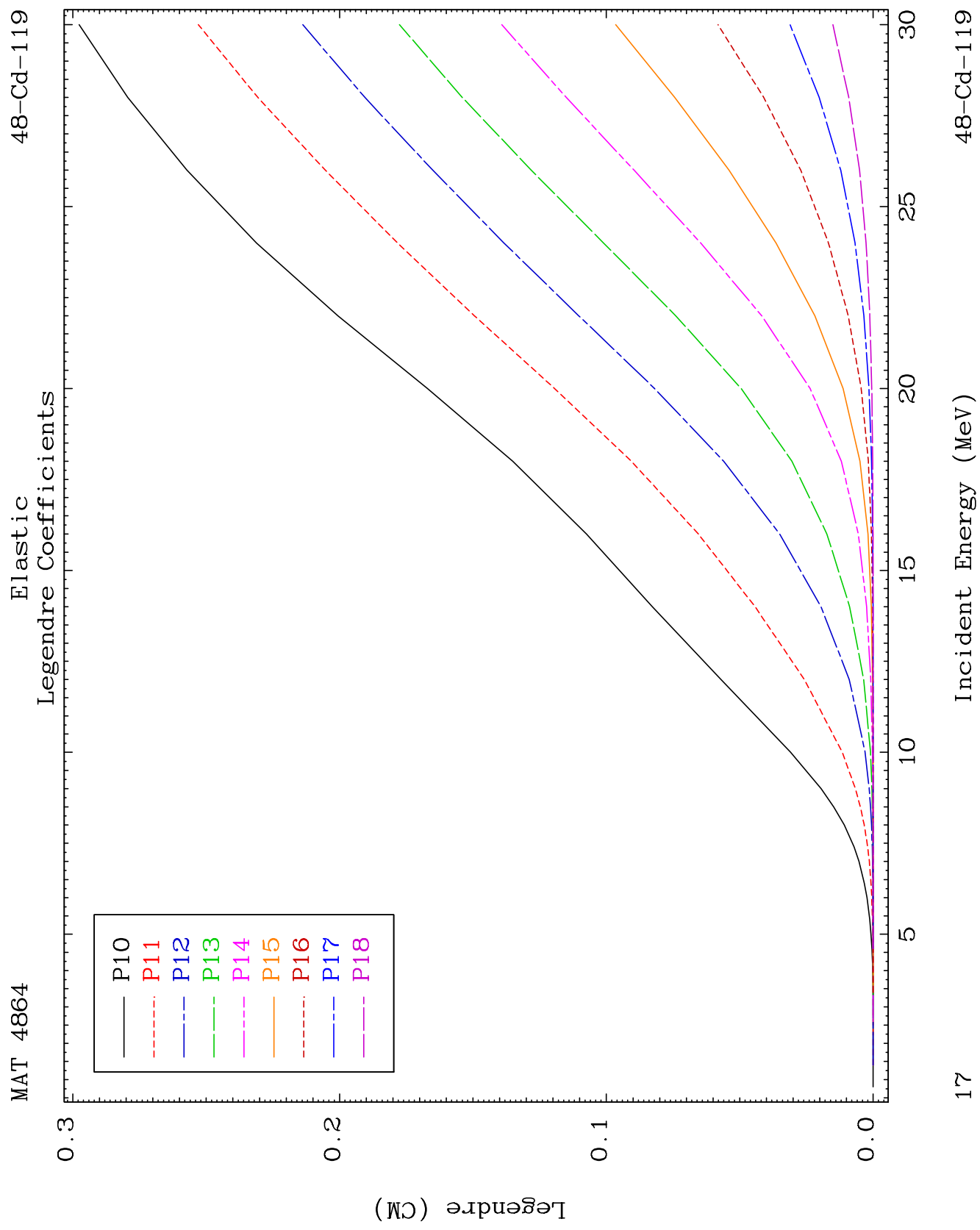
14

Incident Energy (MeV)

48-Cd-119



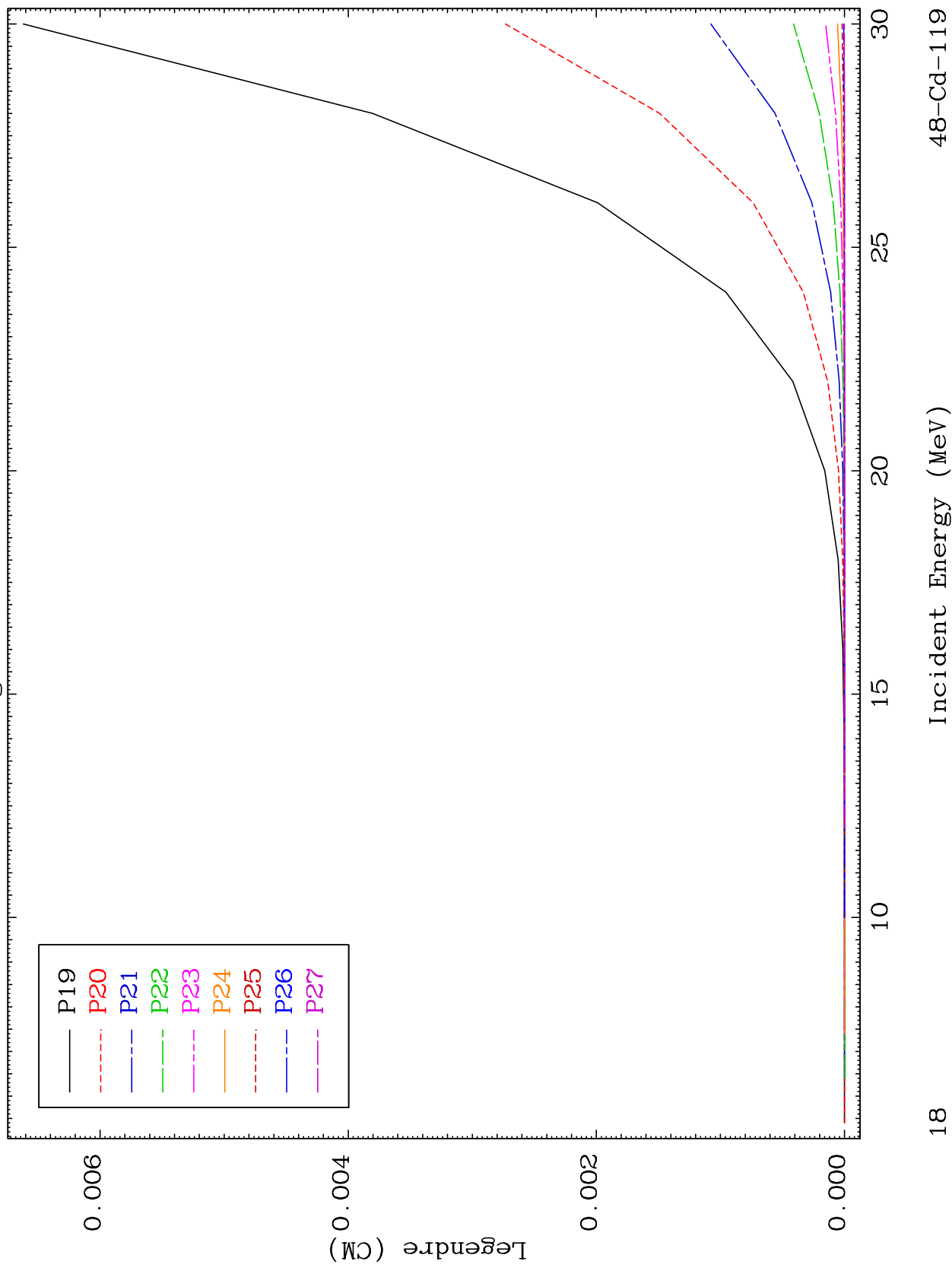


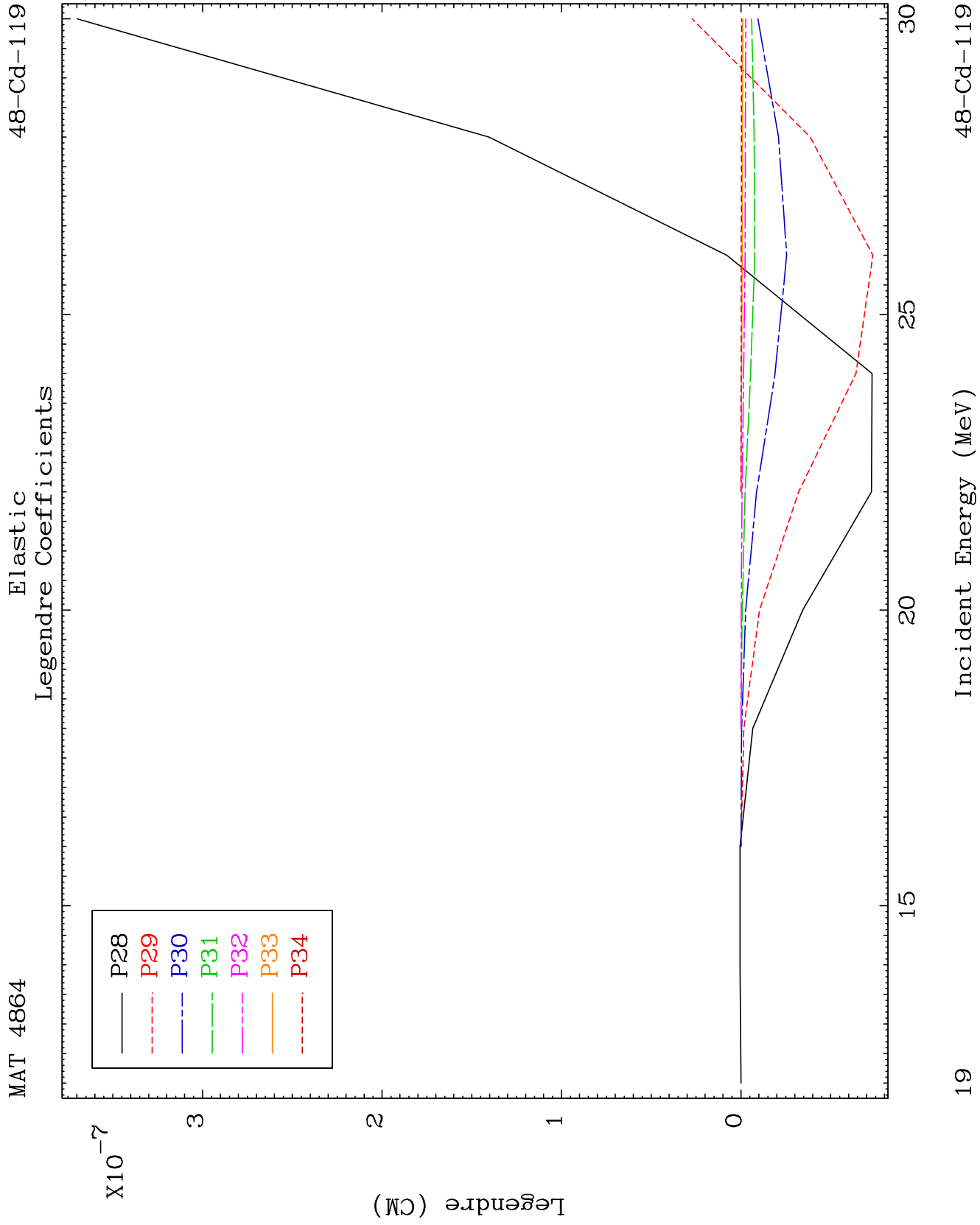


MAT 4864

Elastic Legendre Coefficients

48-Cd-119

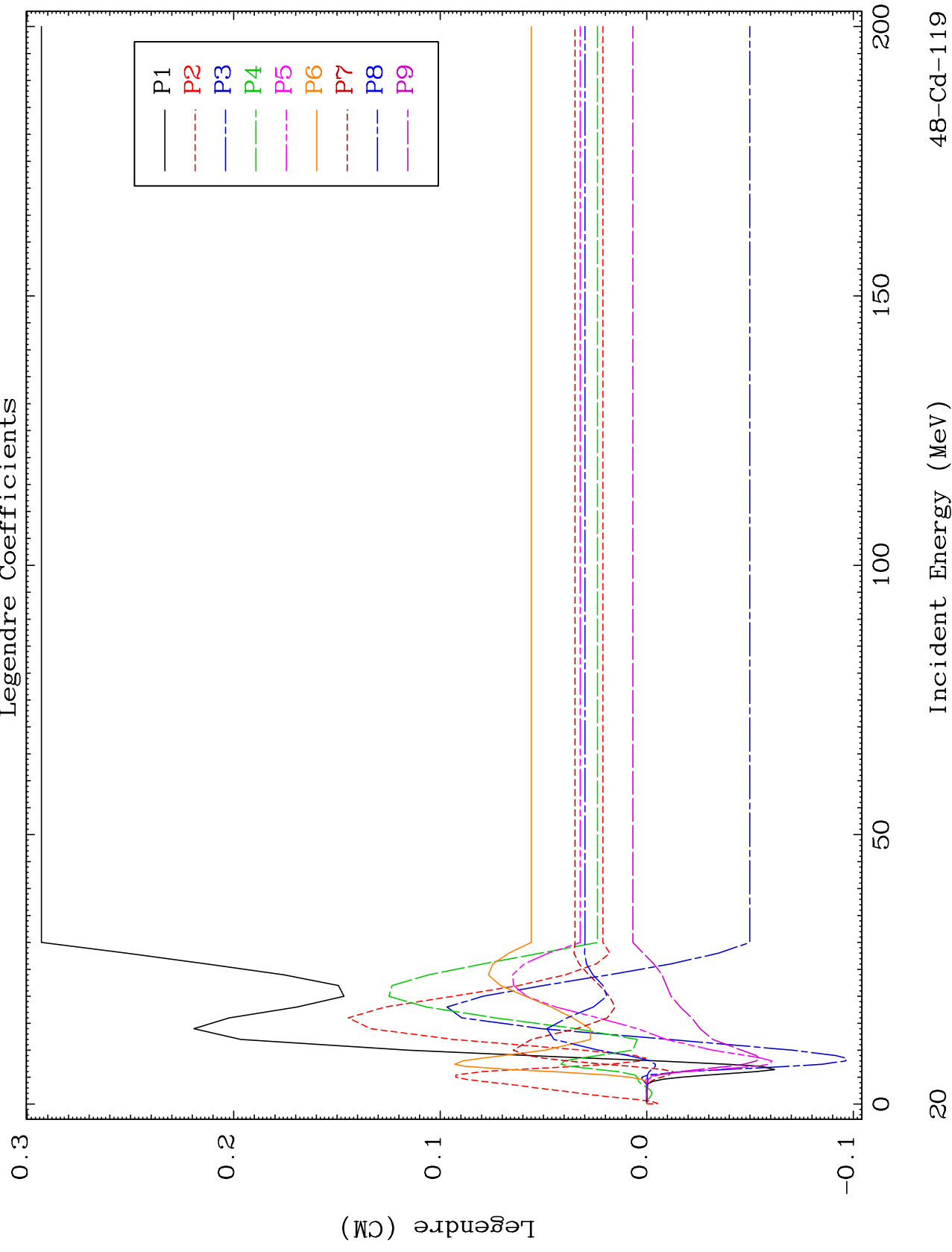


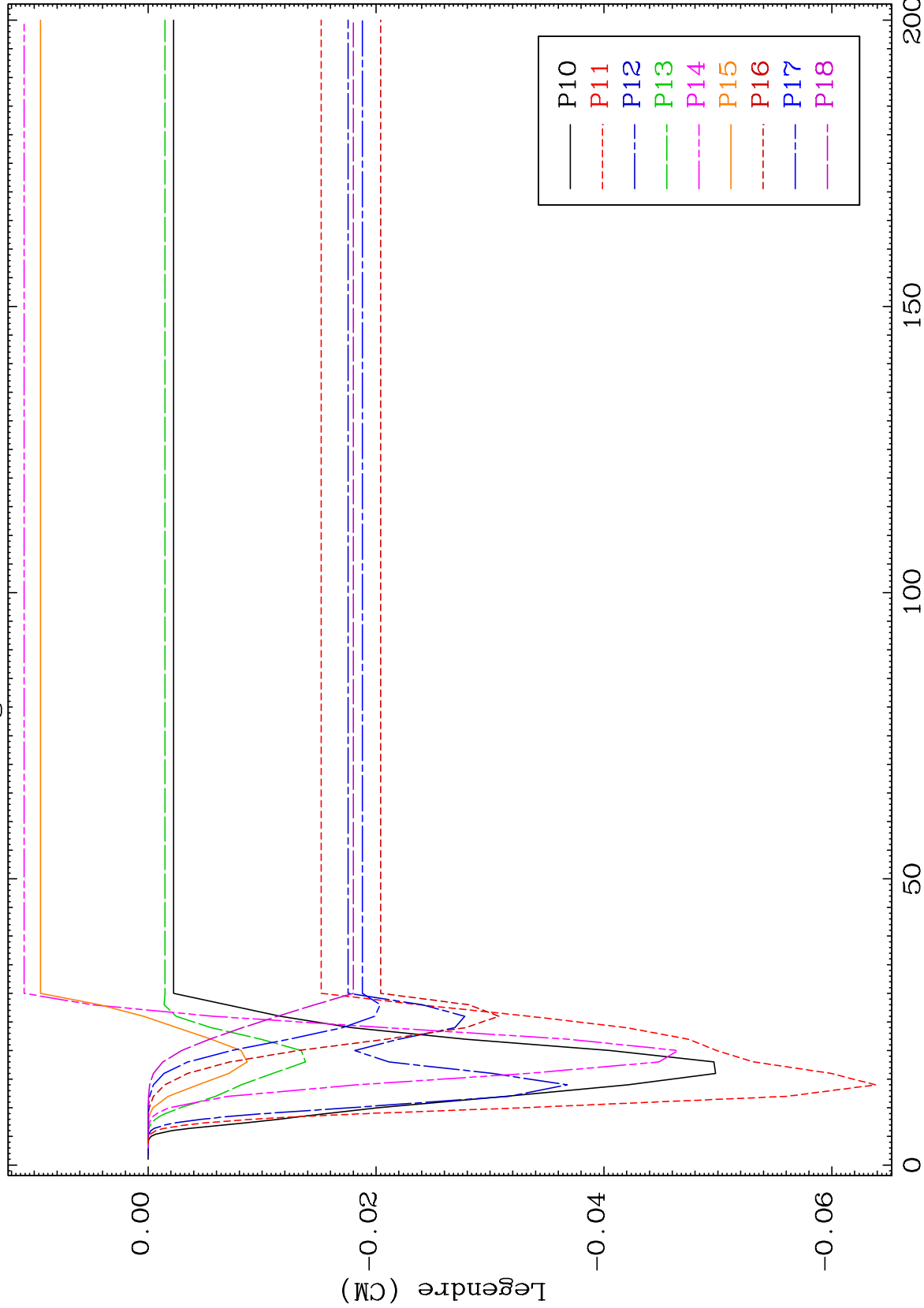


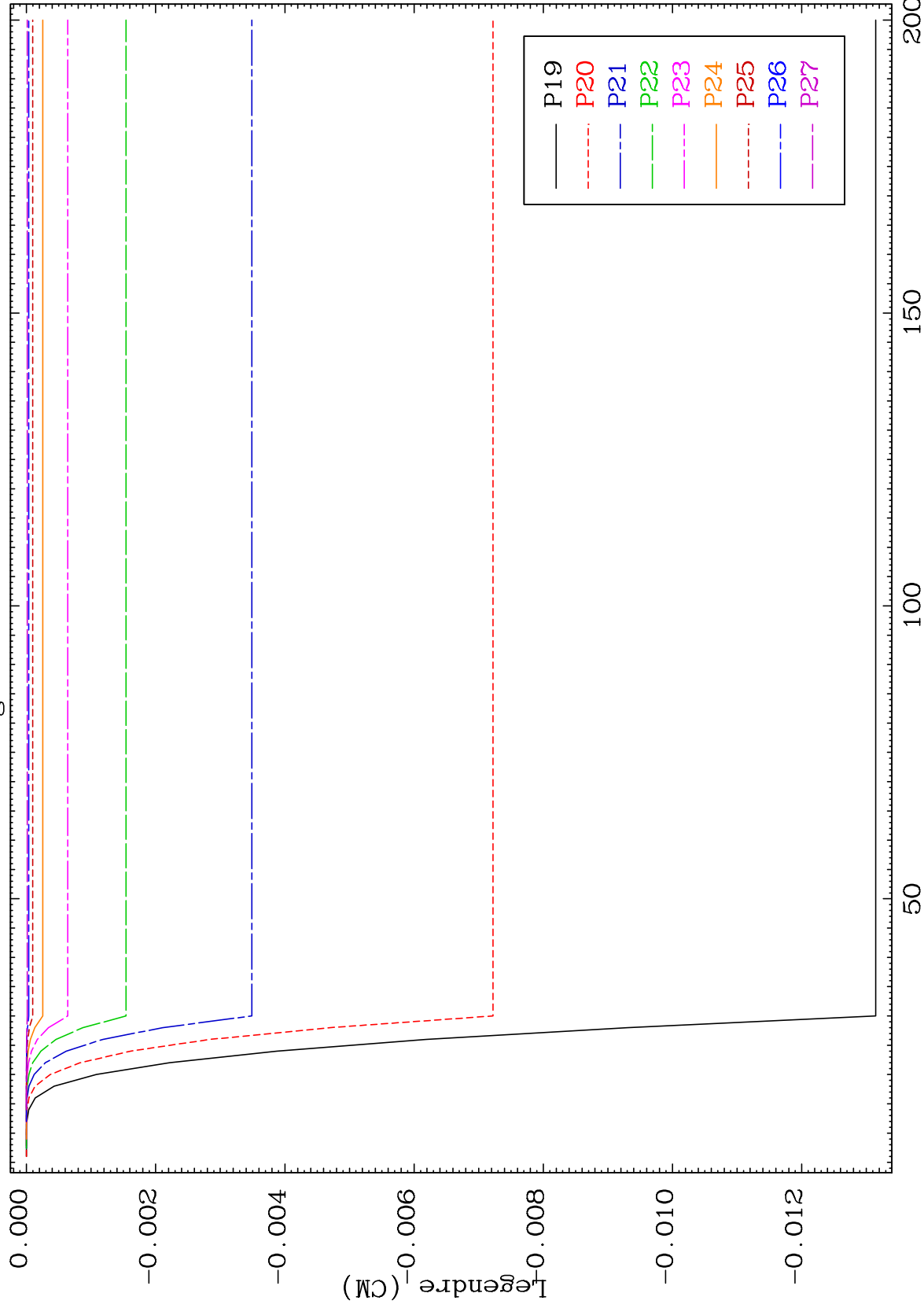
MAT 4864

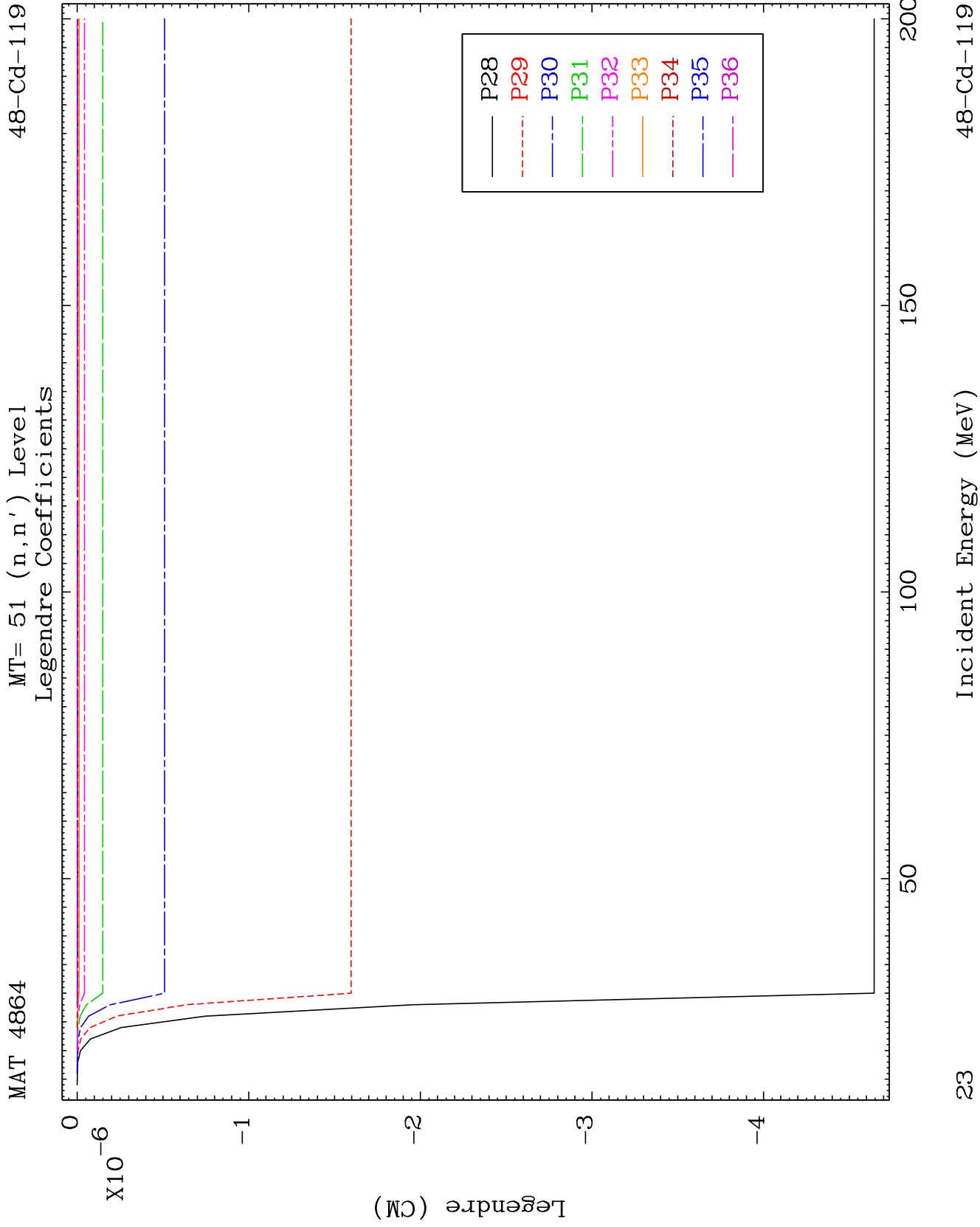
MT= 51 (n, n') Level
Legendre Coefficients

48-Cd-119





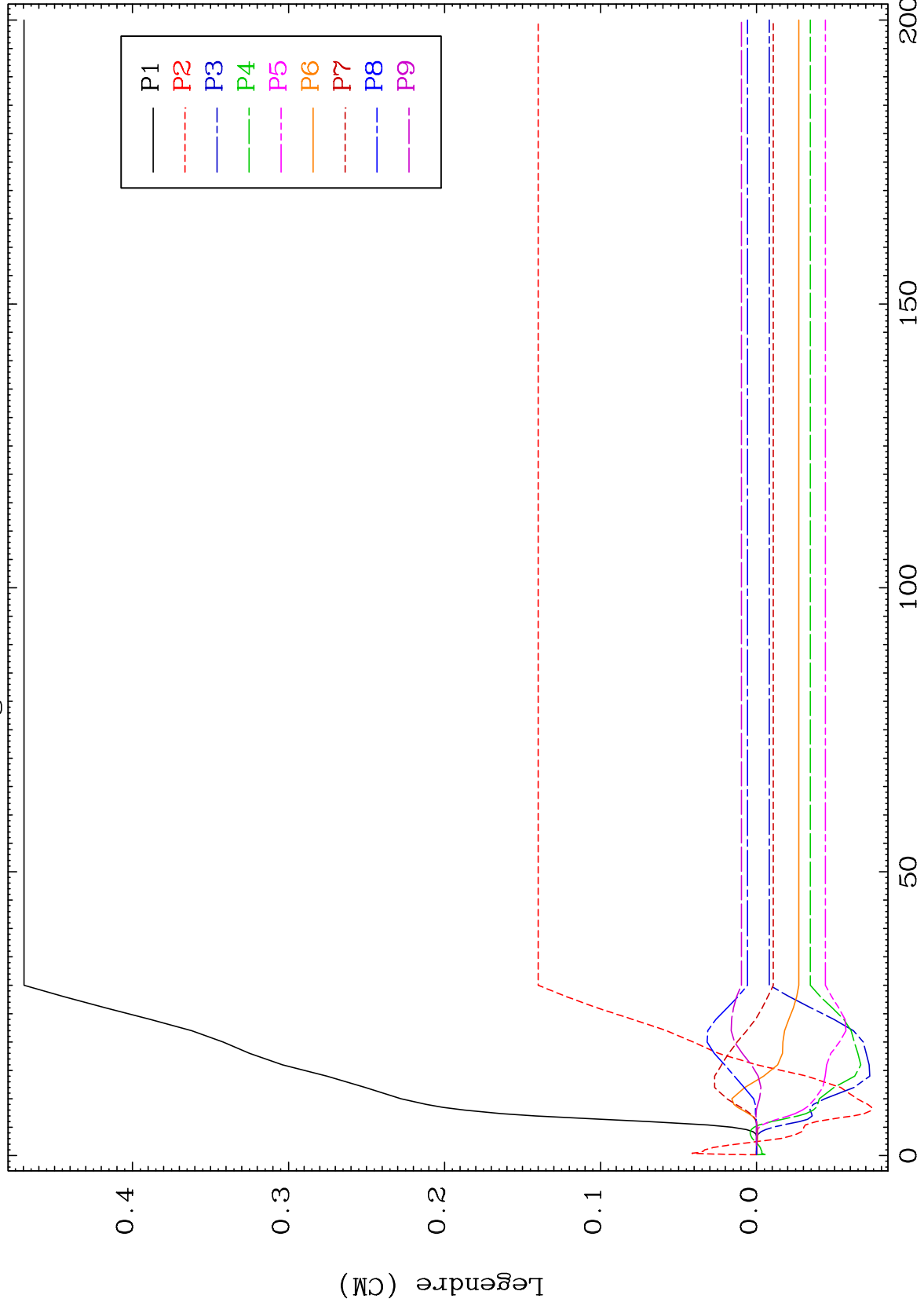




MAT 4864

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

48-Cd-119



24

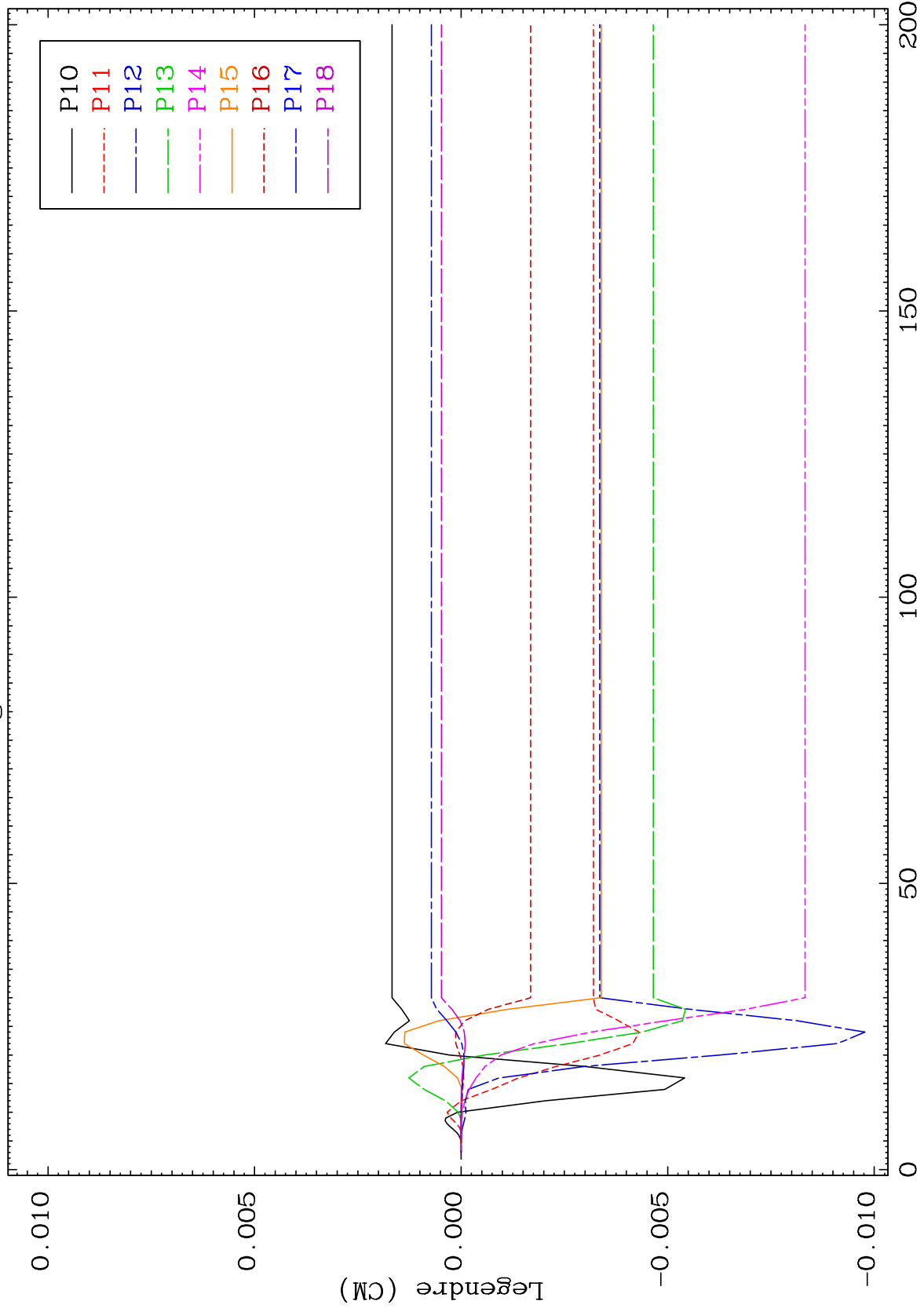
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

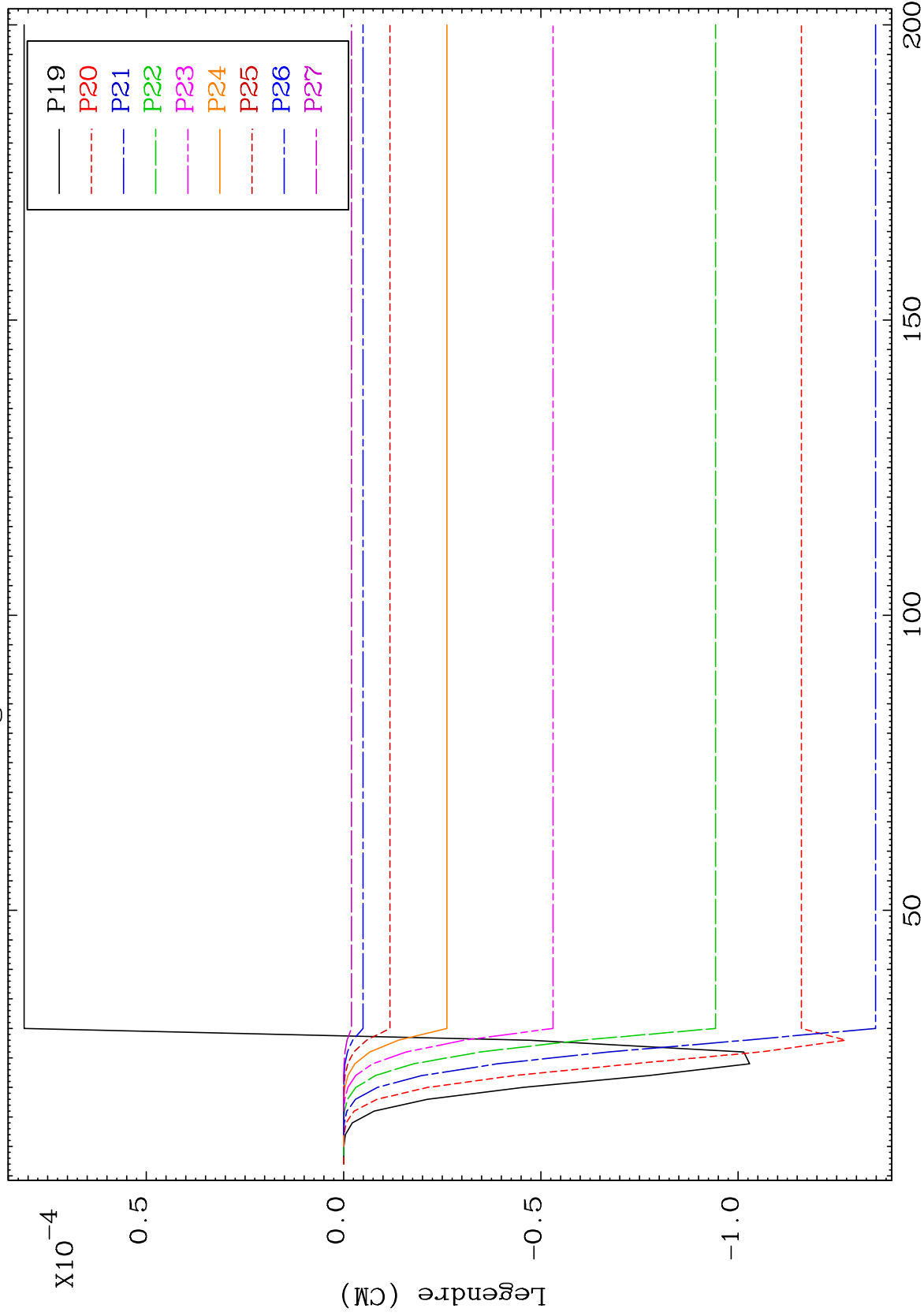
48-Cd-119

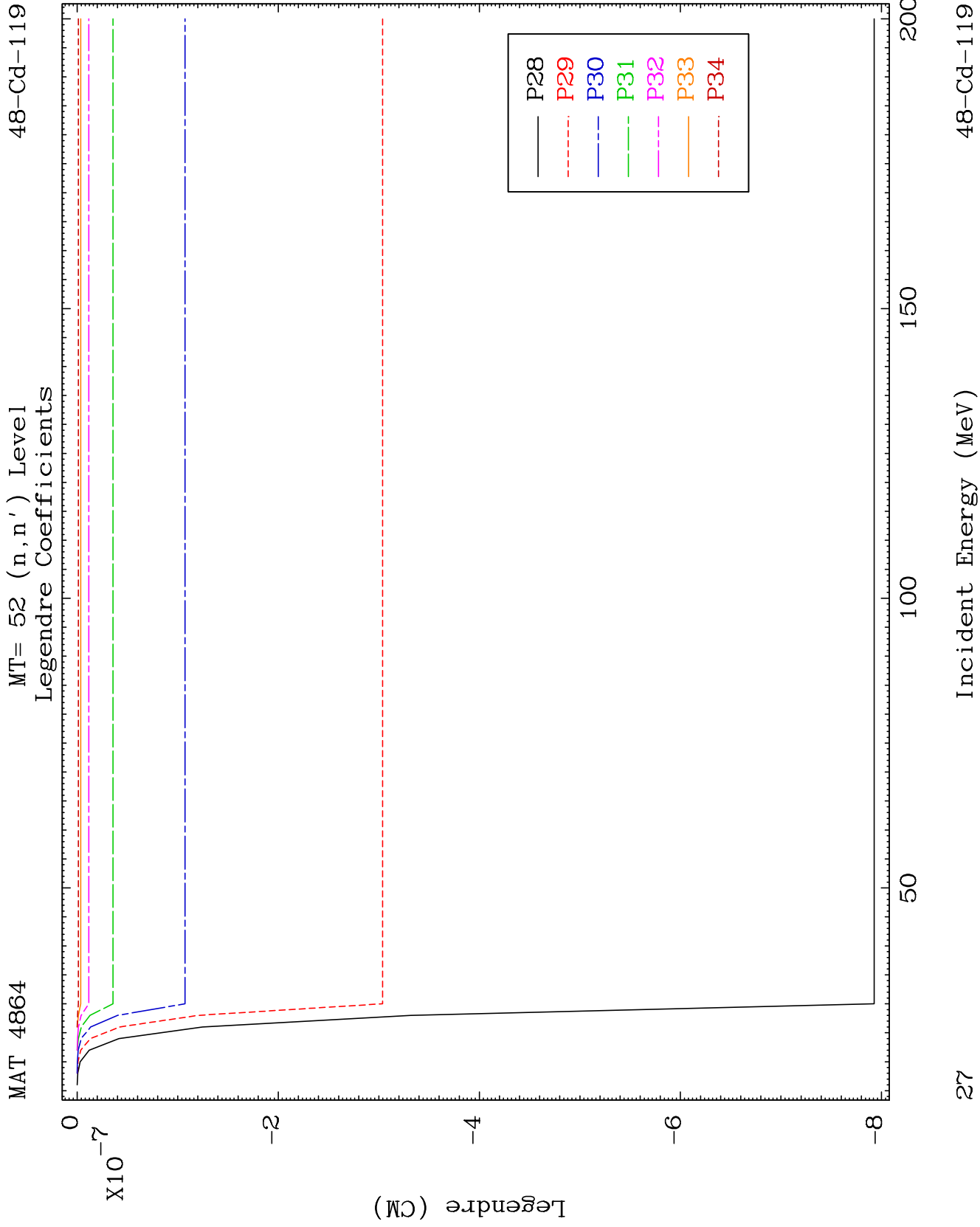


25

Incident Energy (MeV)

48-Cd-119

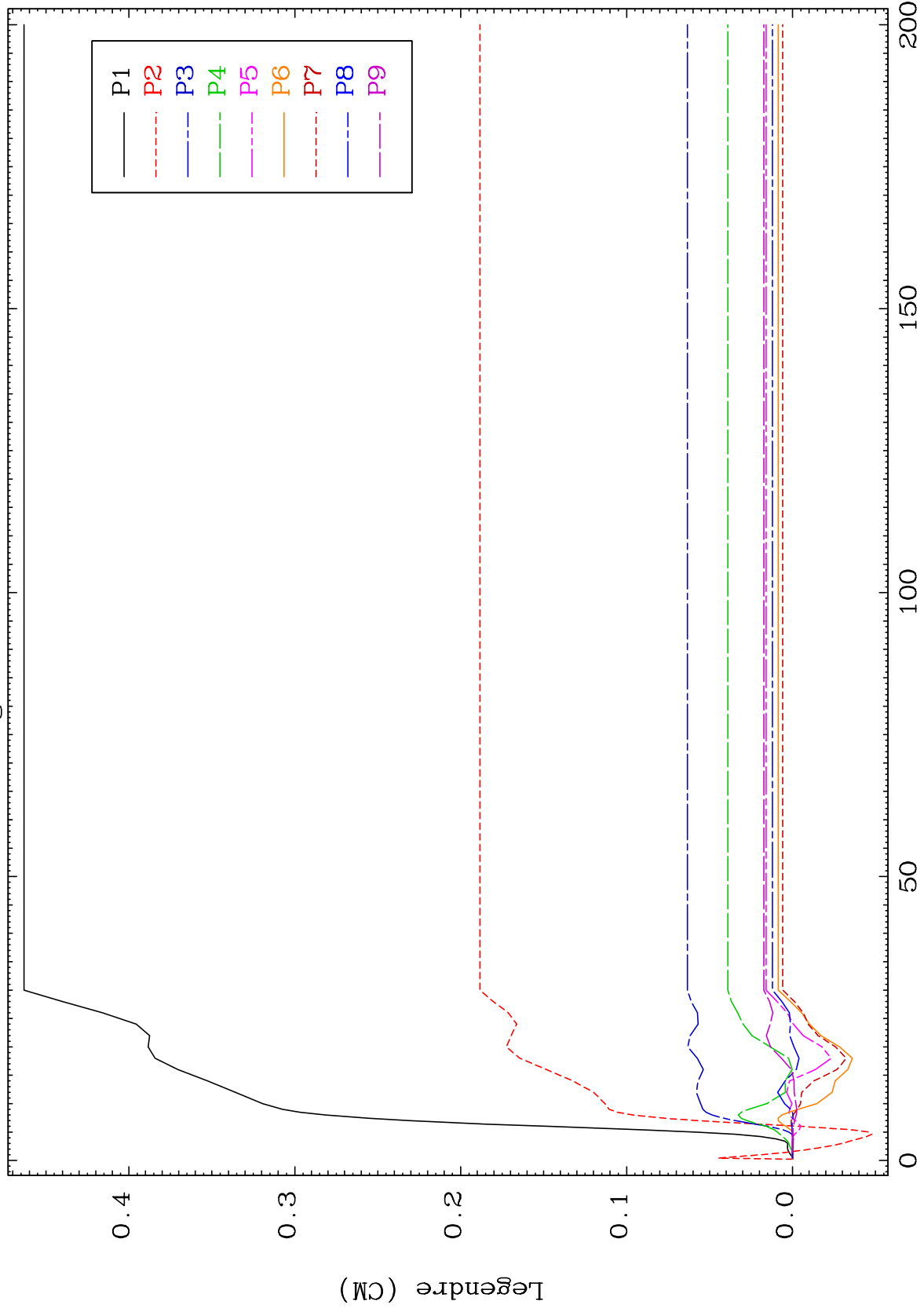




MAT 4864

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

48-Cd-119



28

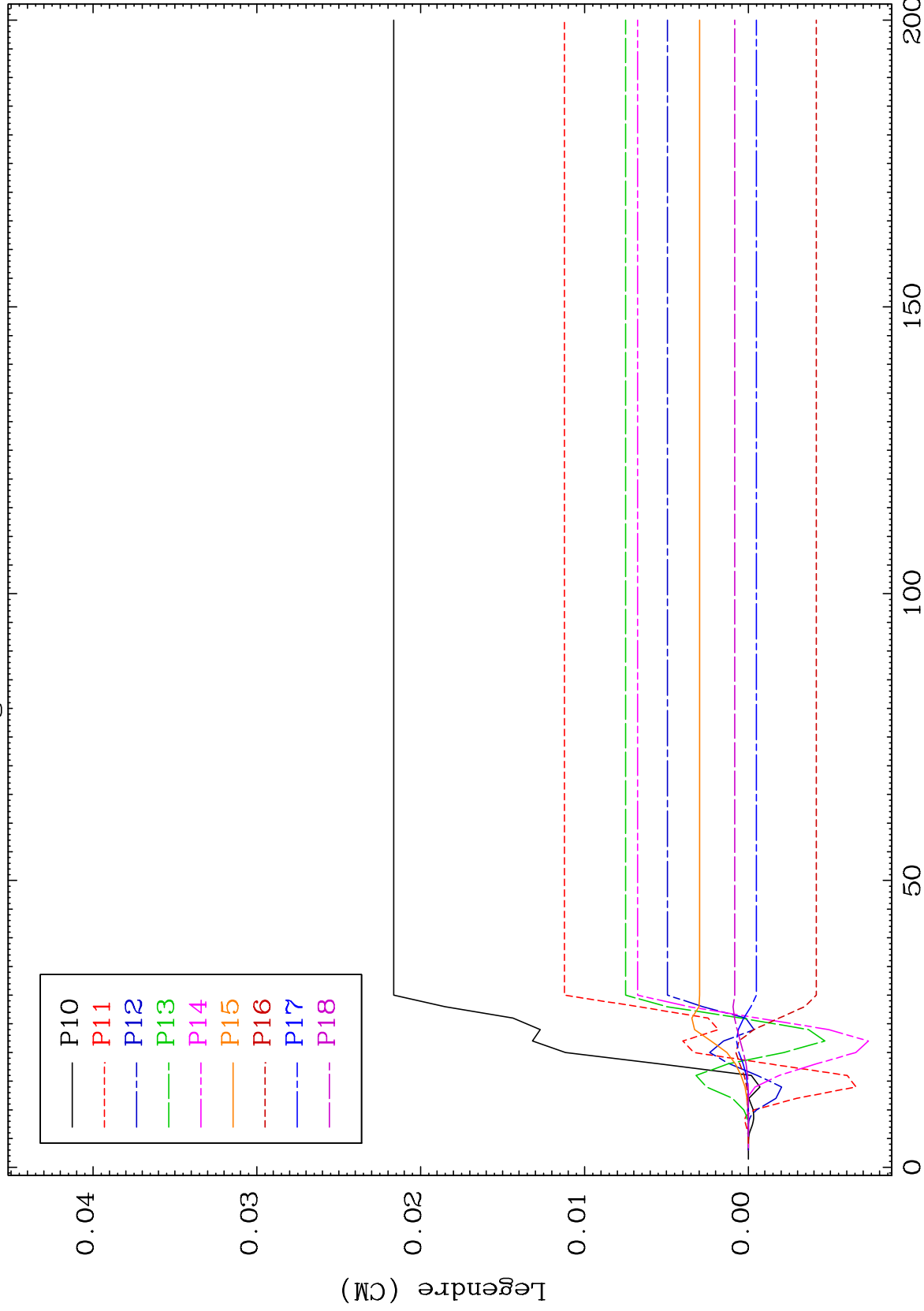
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



29

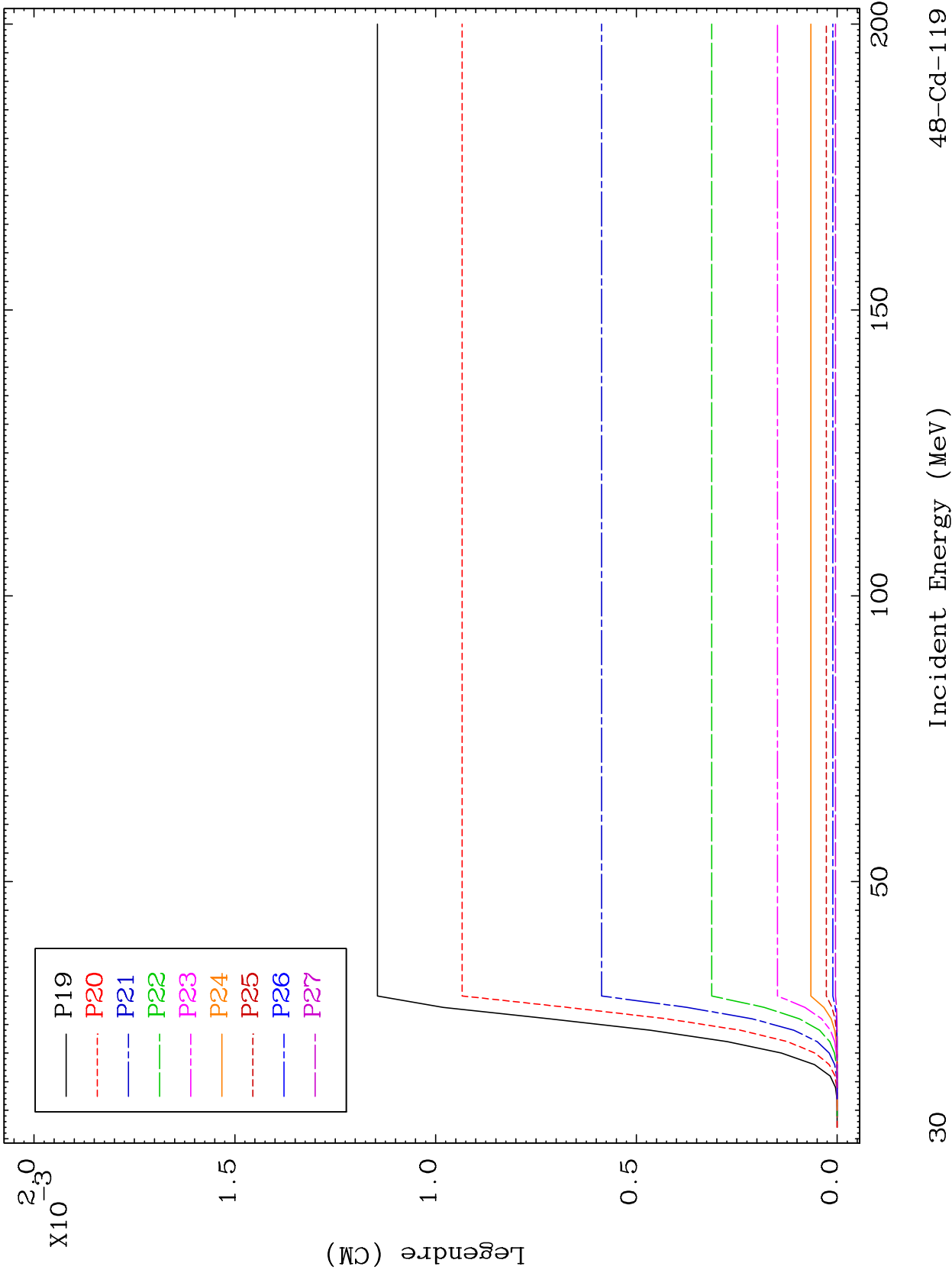
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

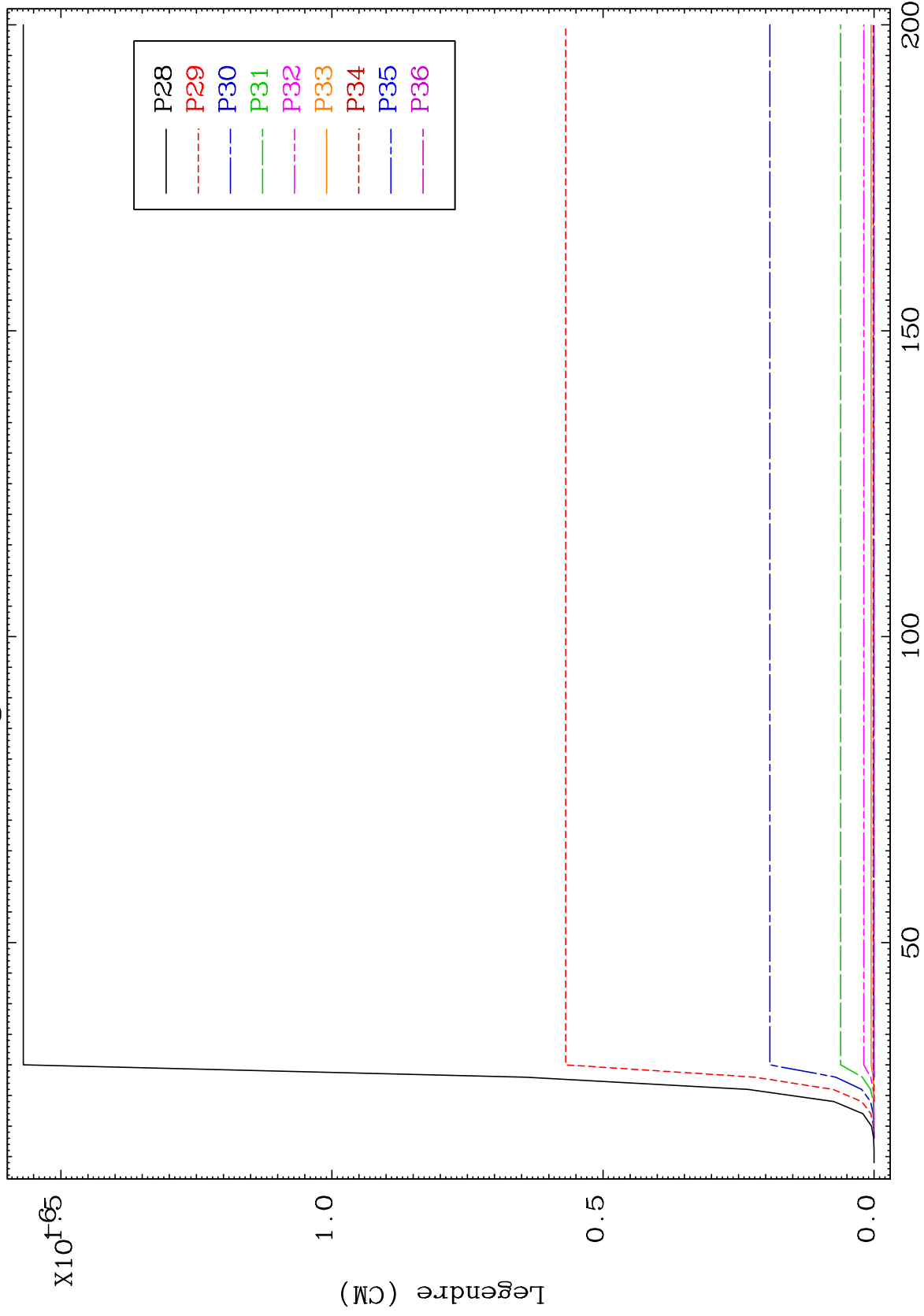
48-Cd-119



MAT 4864

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

48-Cd-119



31

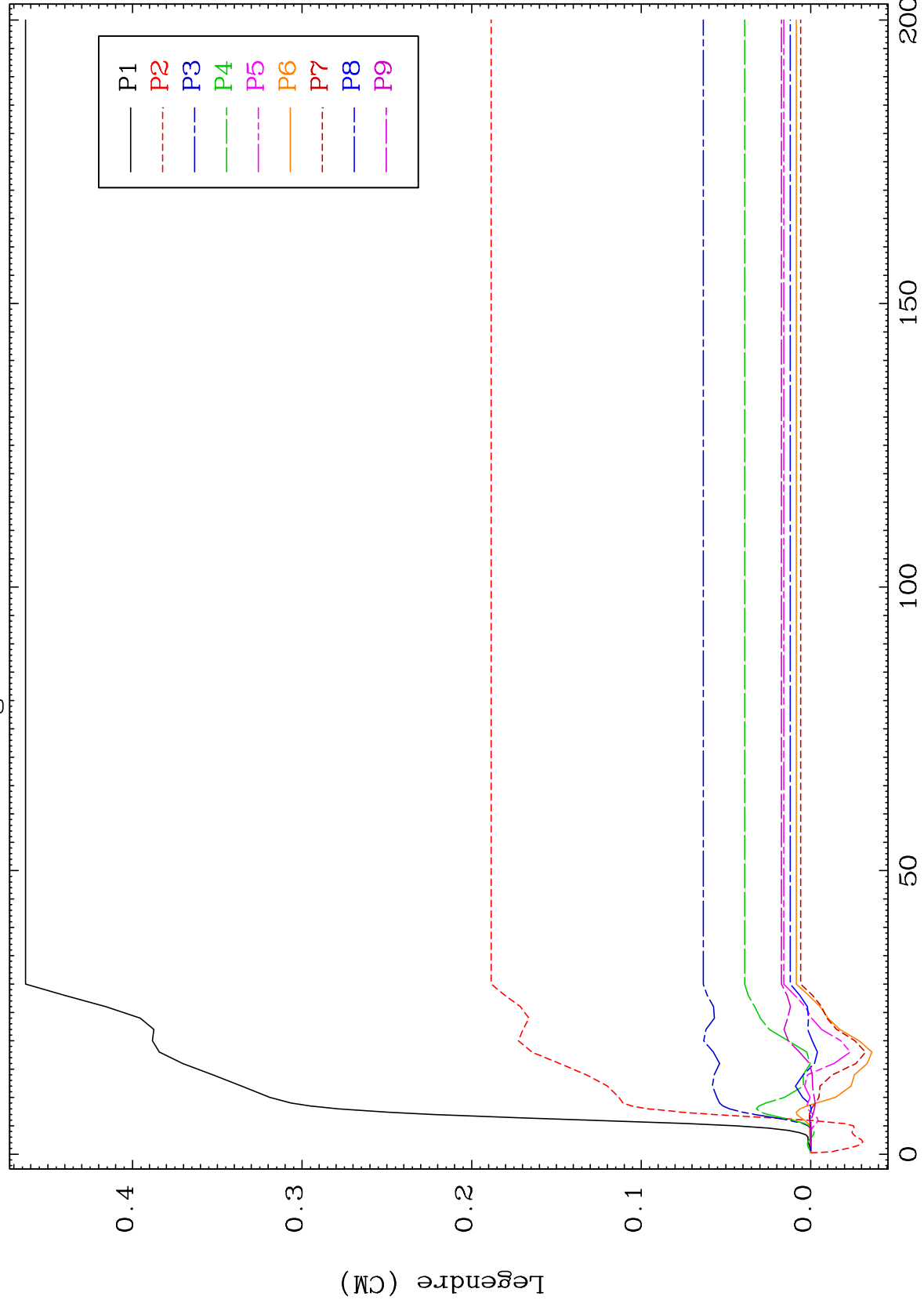
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



32

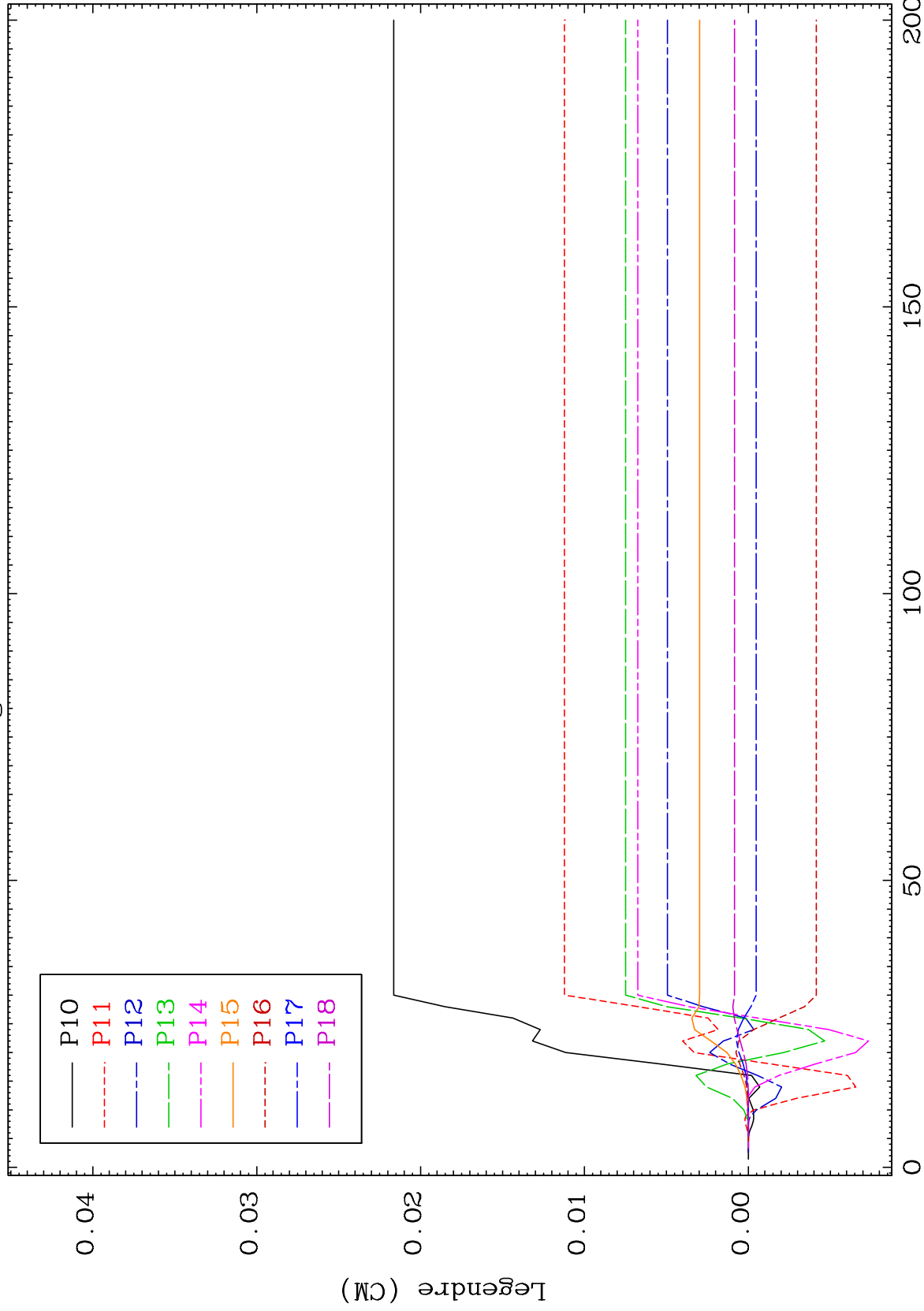
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



33

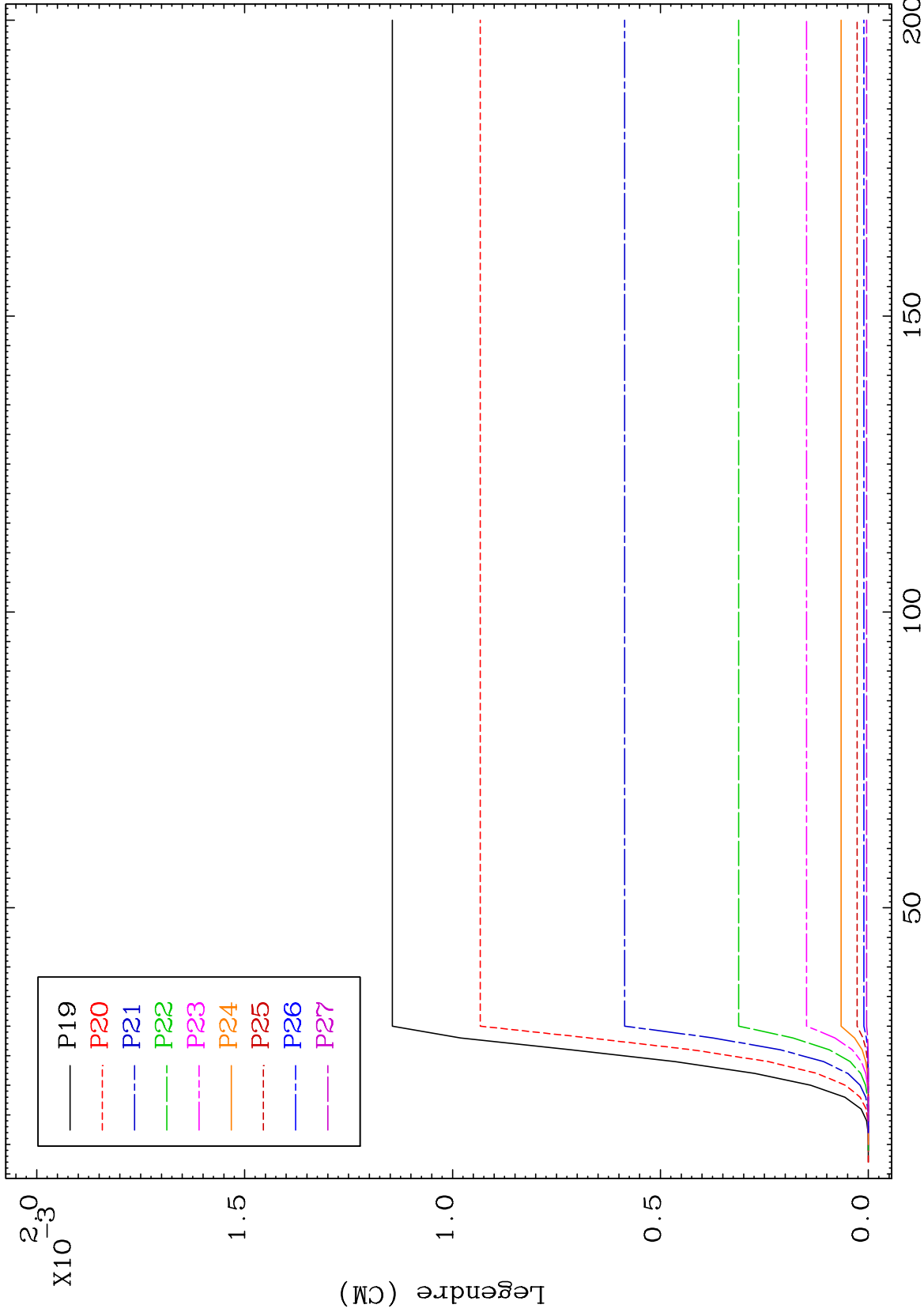
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



34

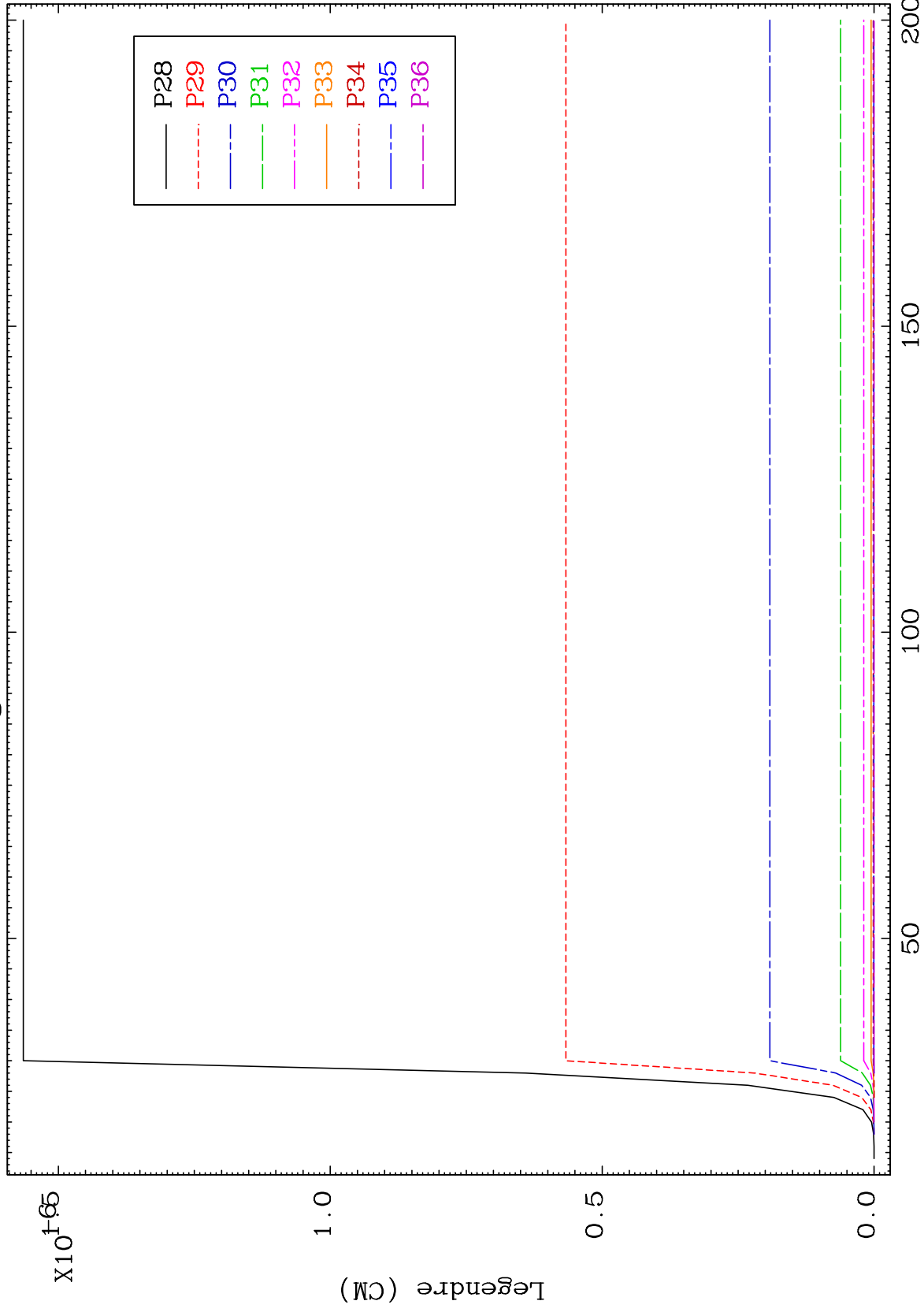
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



35

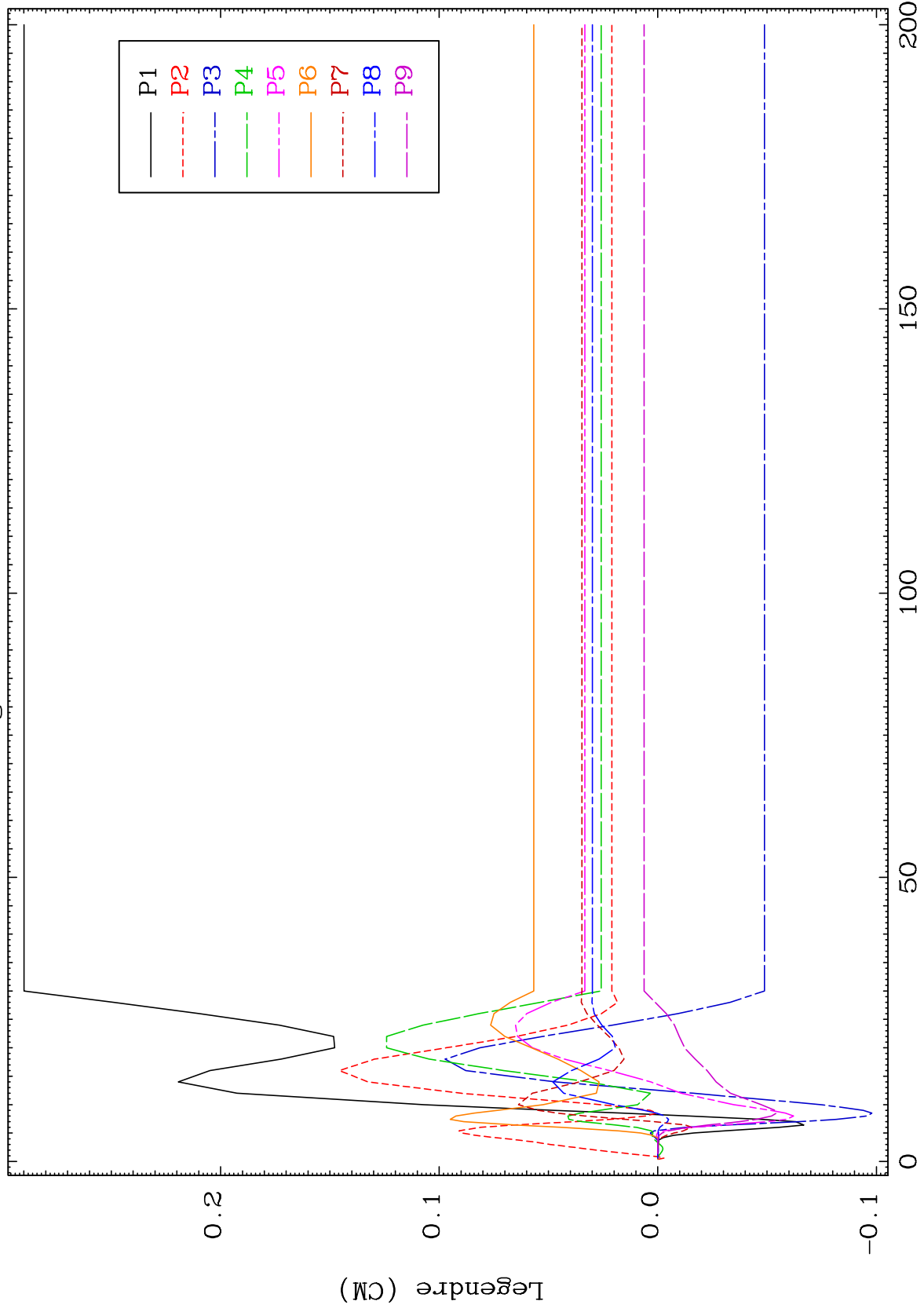
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

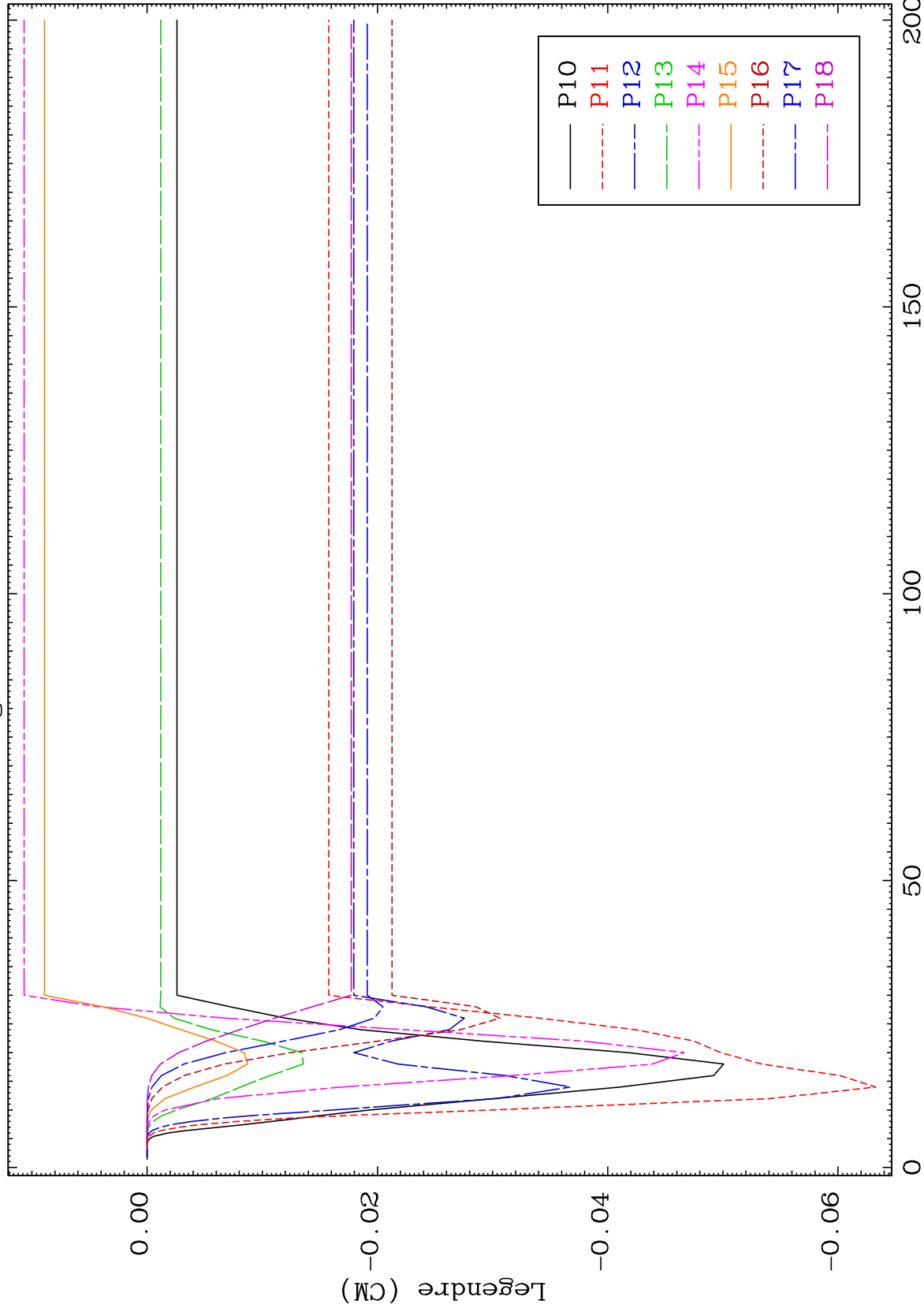
48-Cd-119

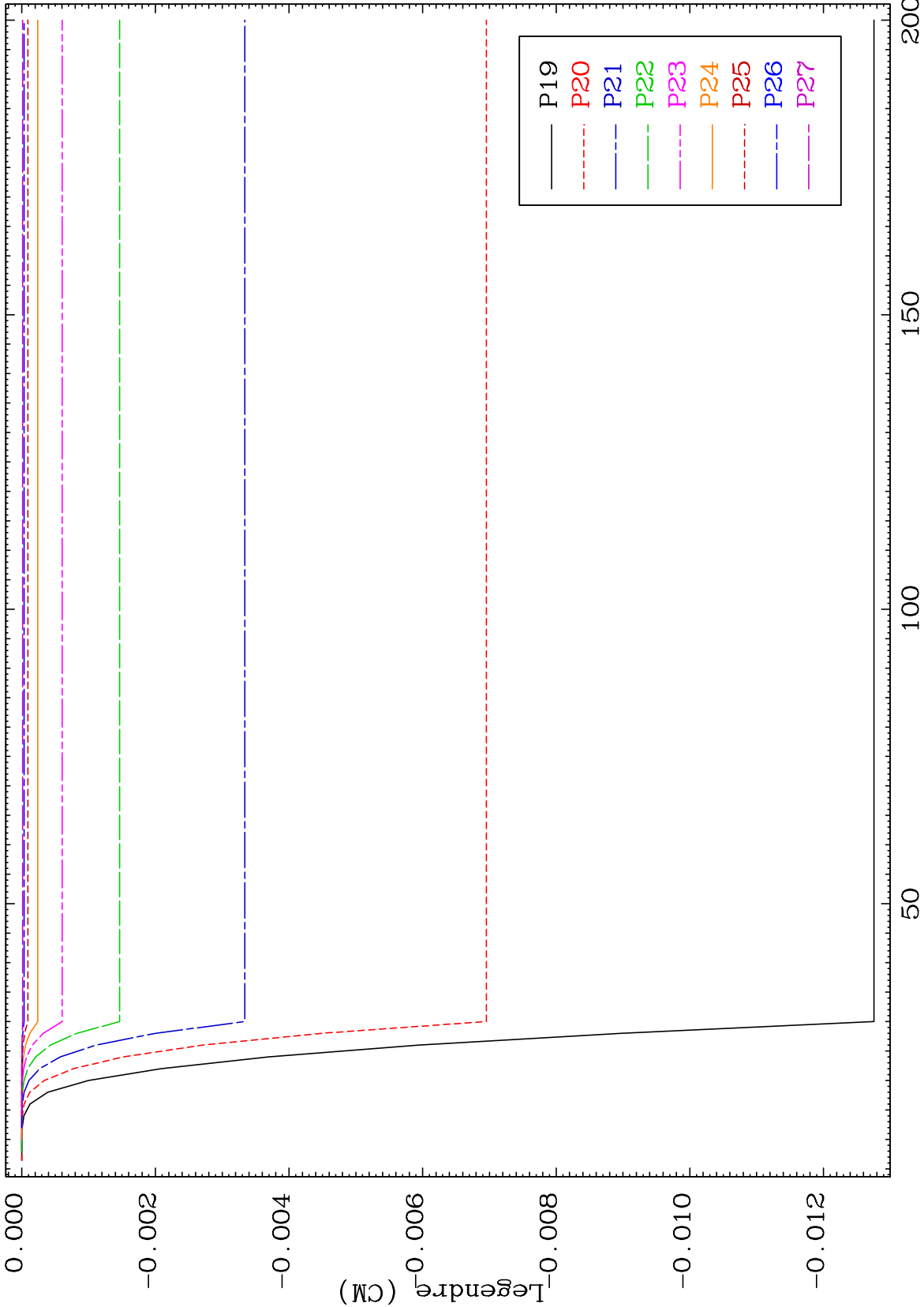


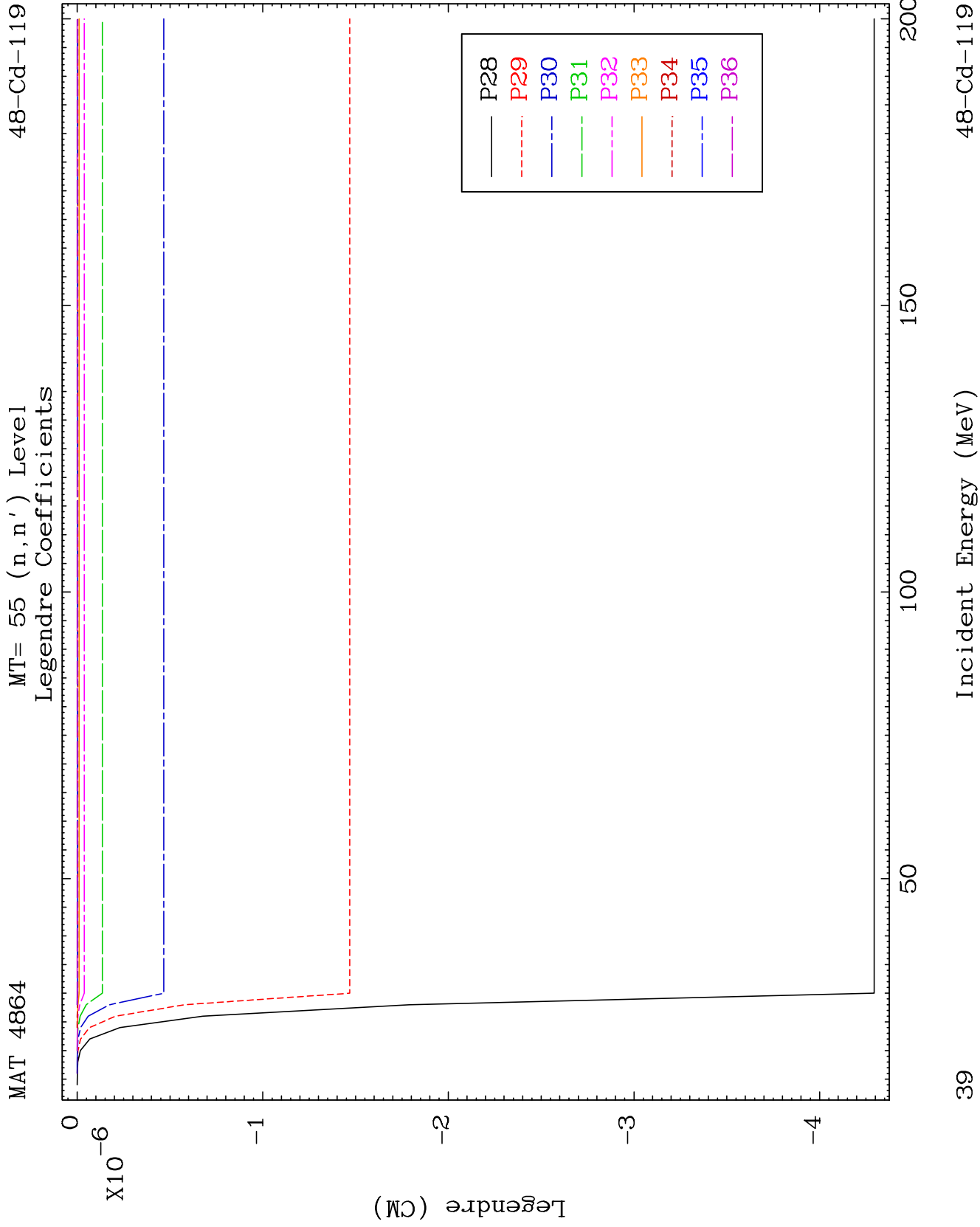
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Incident Energy (MeV)

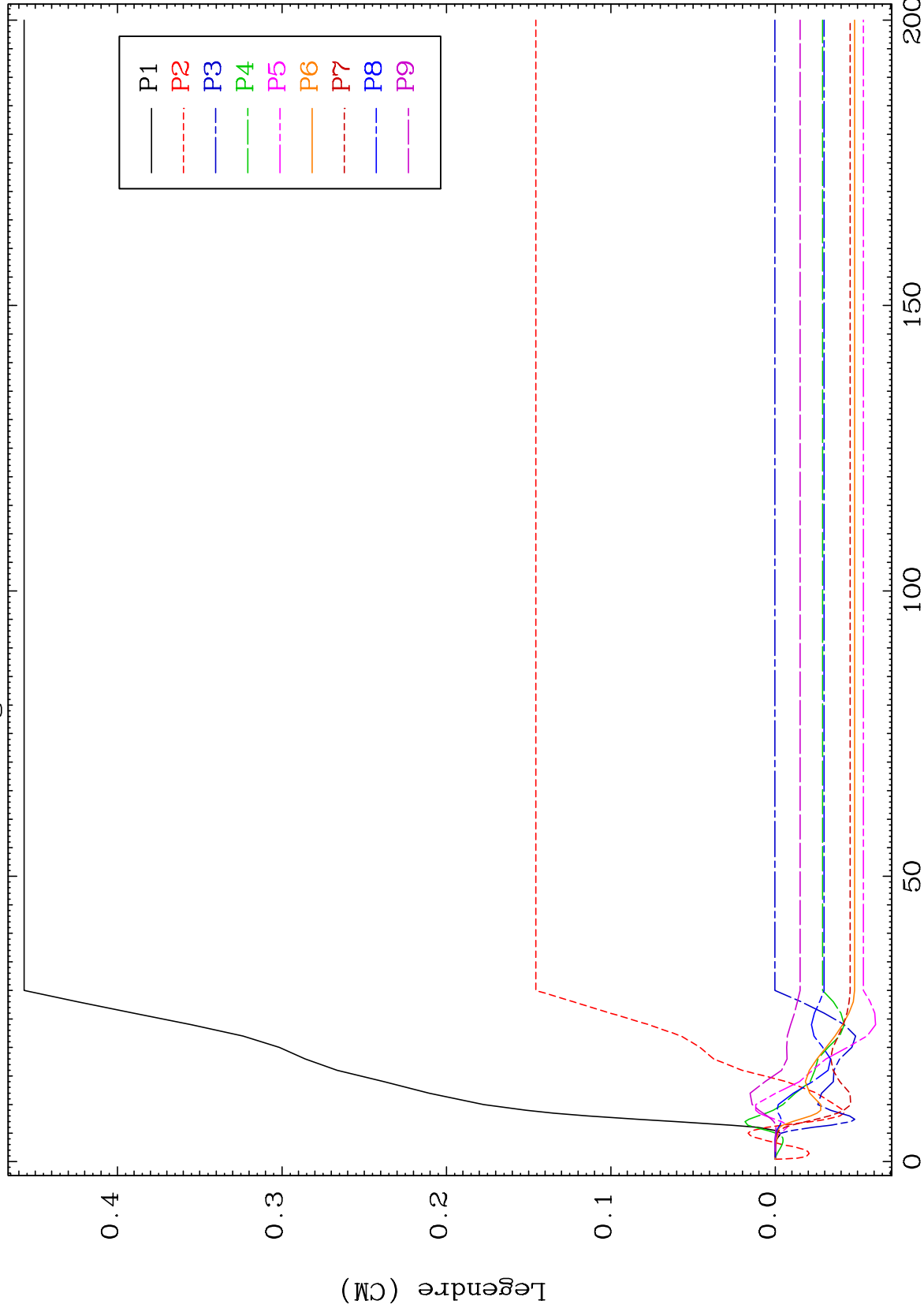
48-Cd-119







MAT 4864 MT= 56 (n,n') Level Legendre Coefficients 48-Cd-119

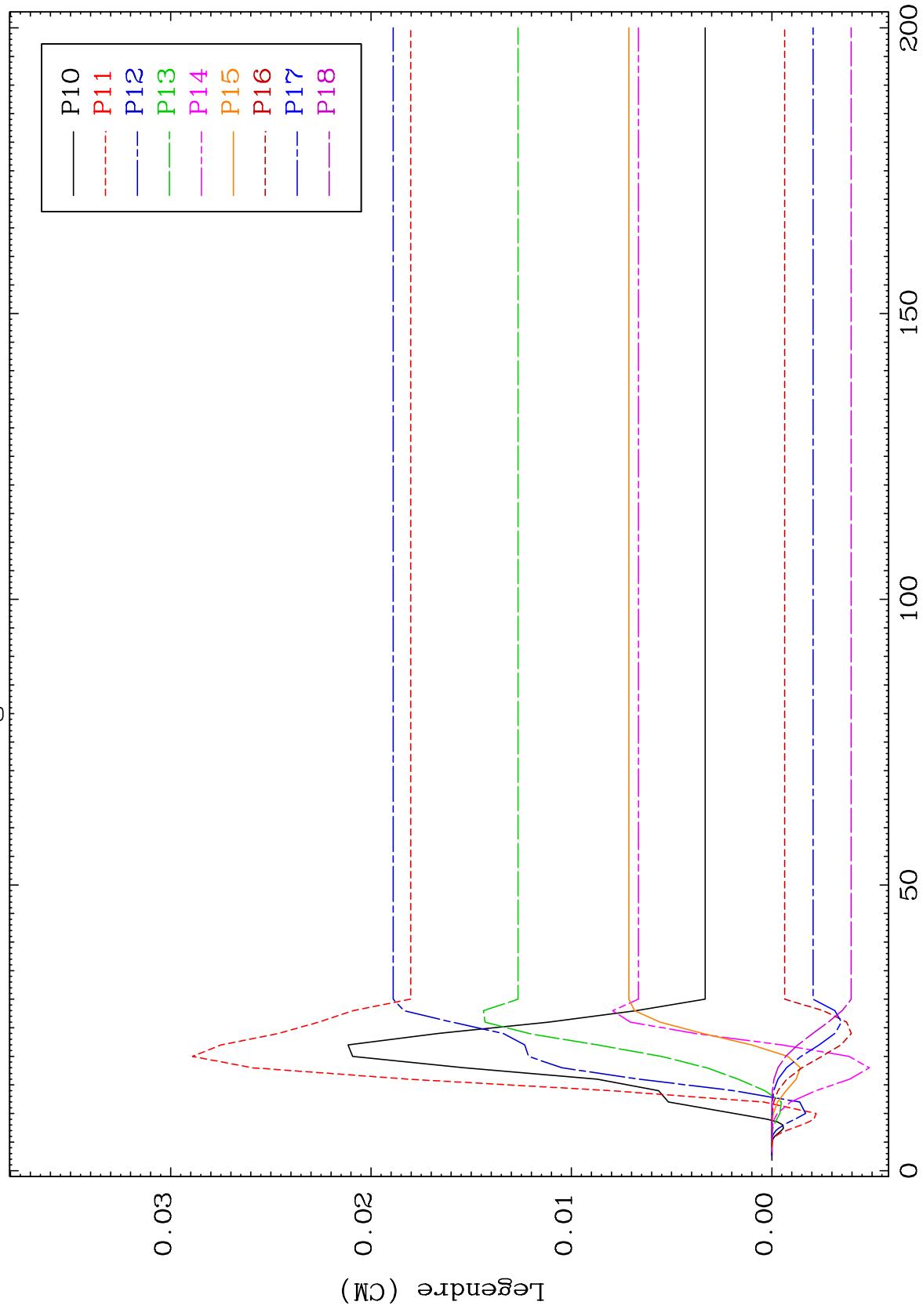


40 50 100 150 200 48-Cd-119

MAT 4864

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

48-Cd-119



41

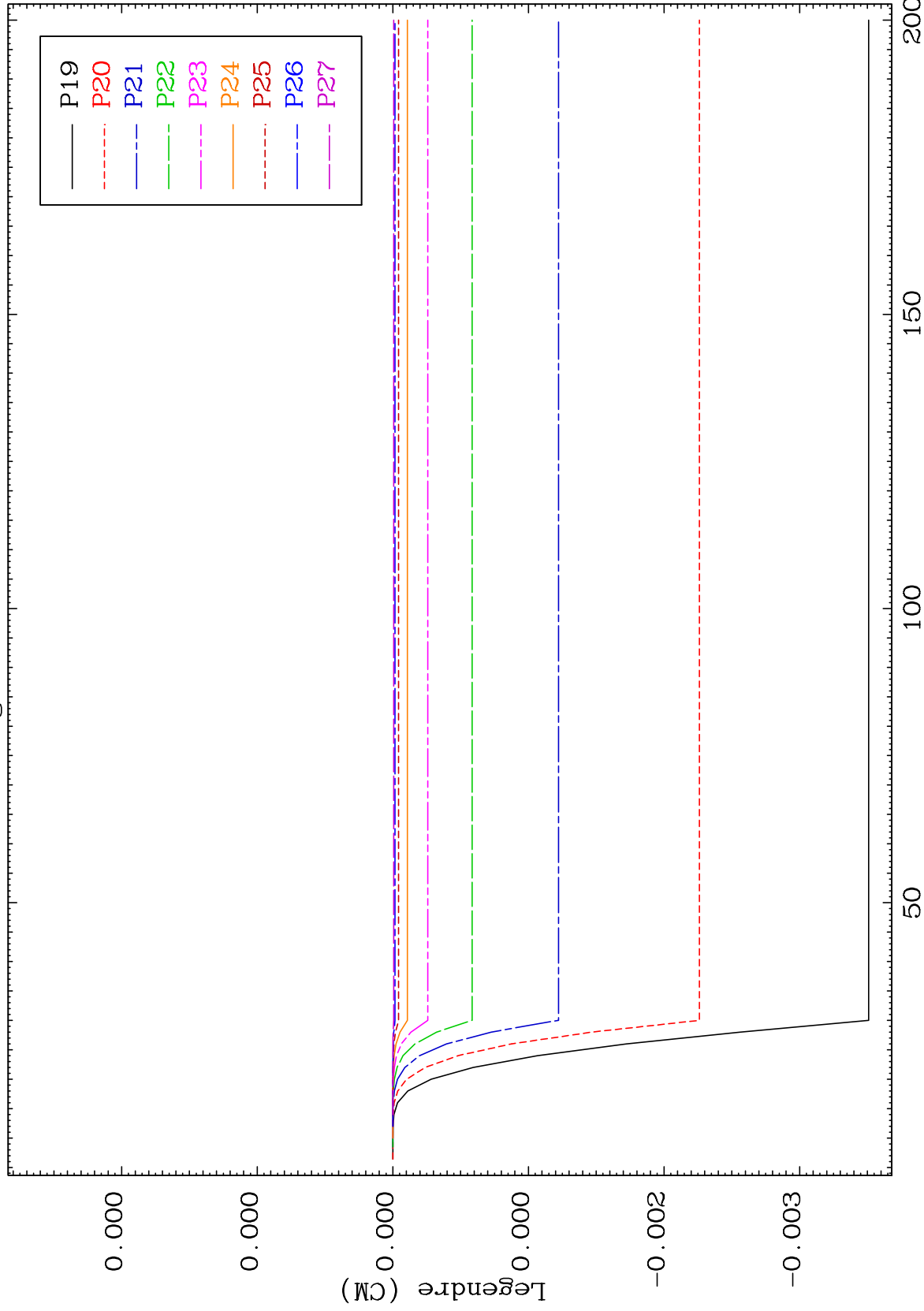
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



42

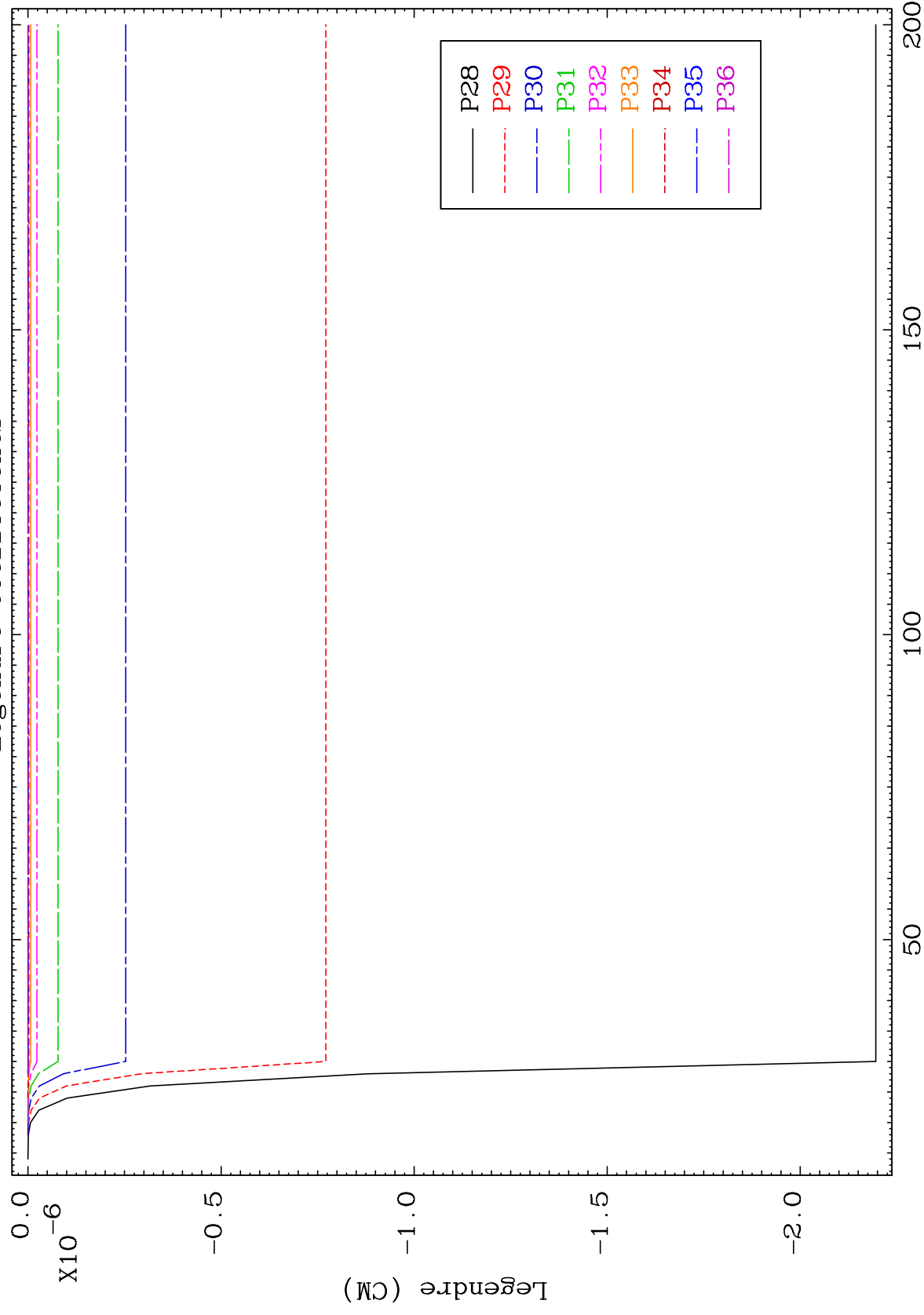
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



43

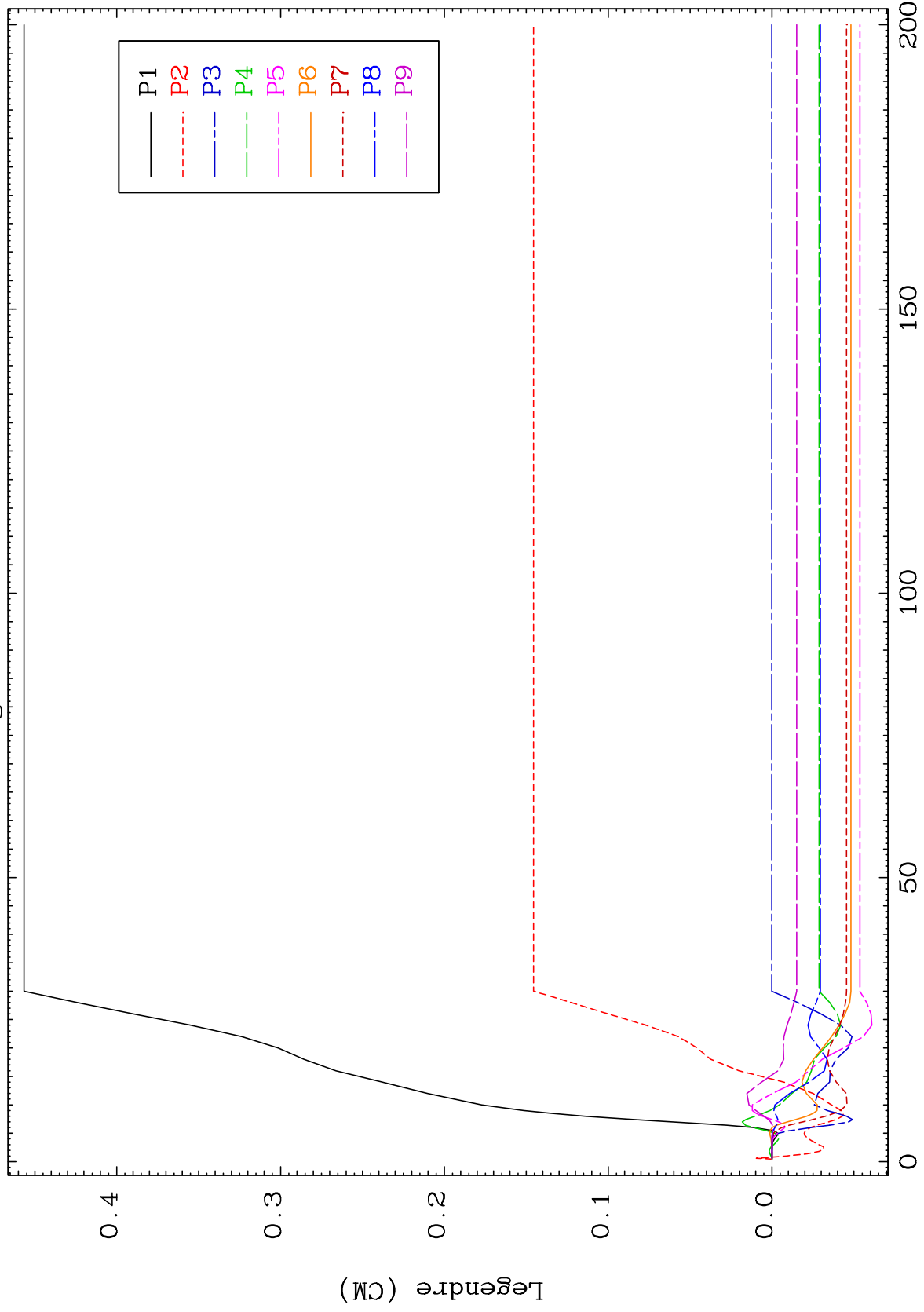
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



44

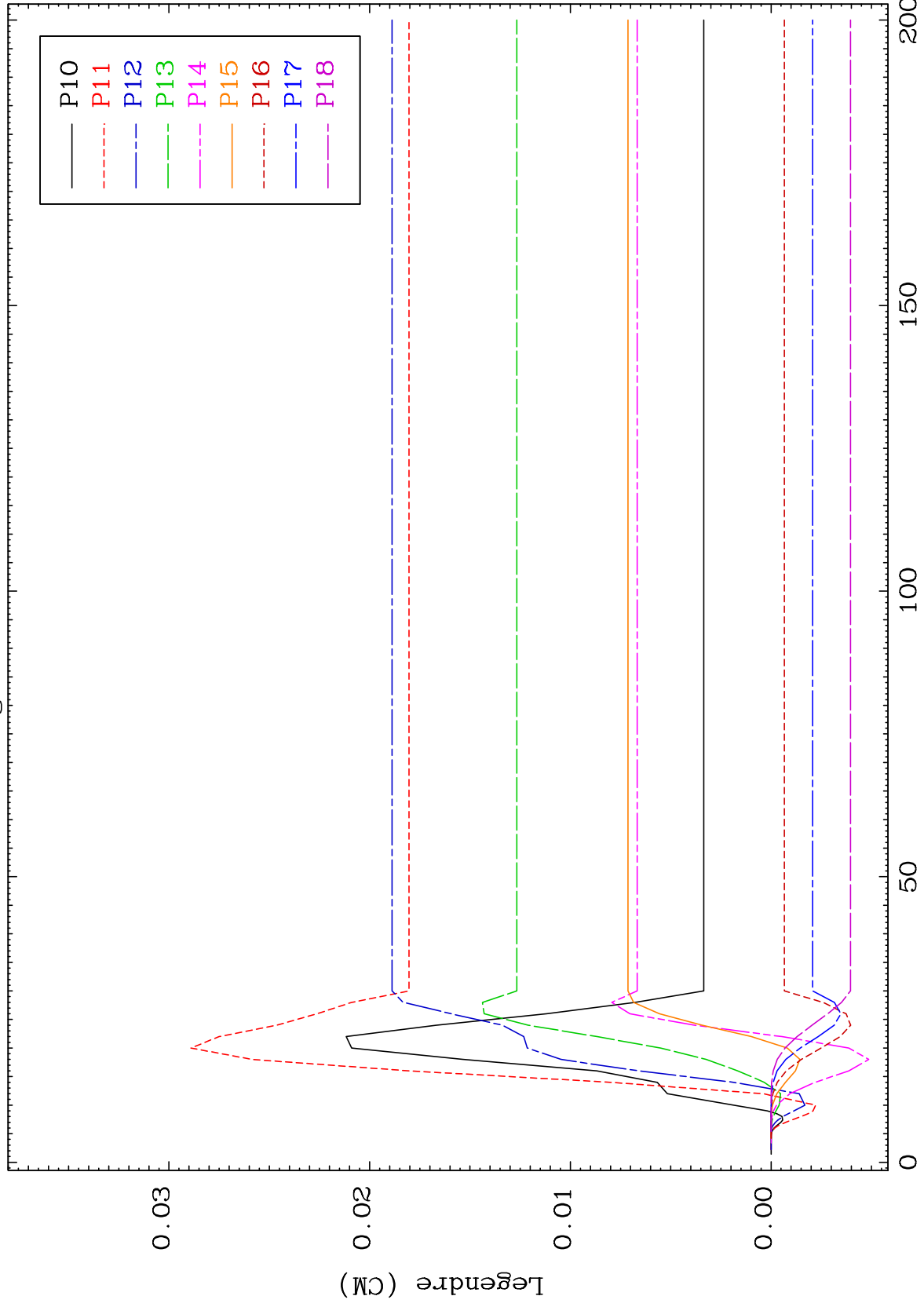
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



45

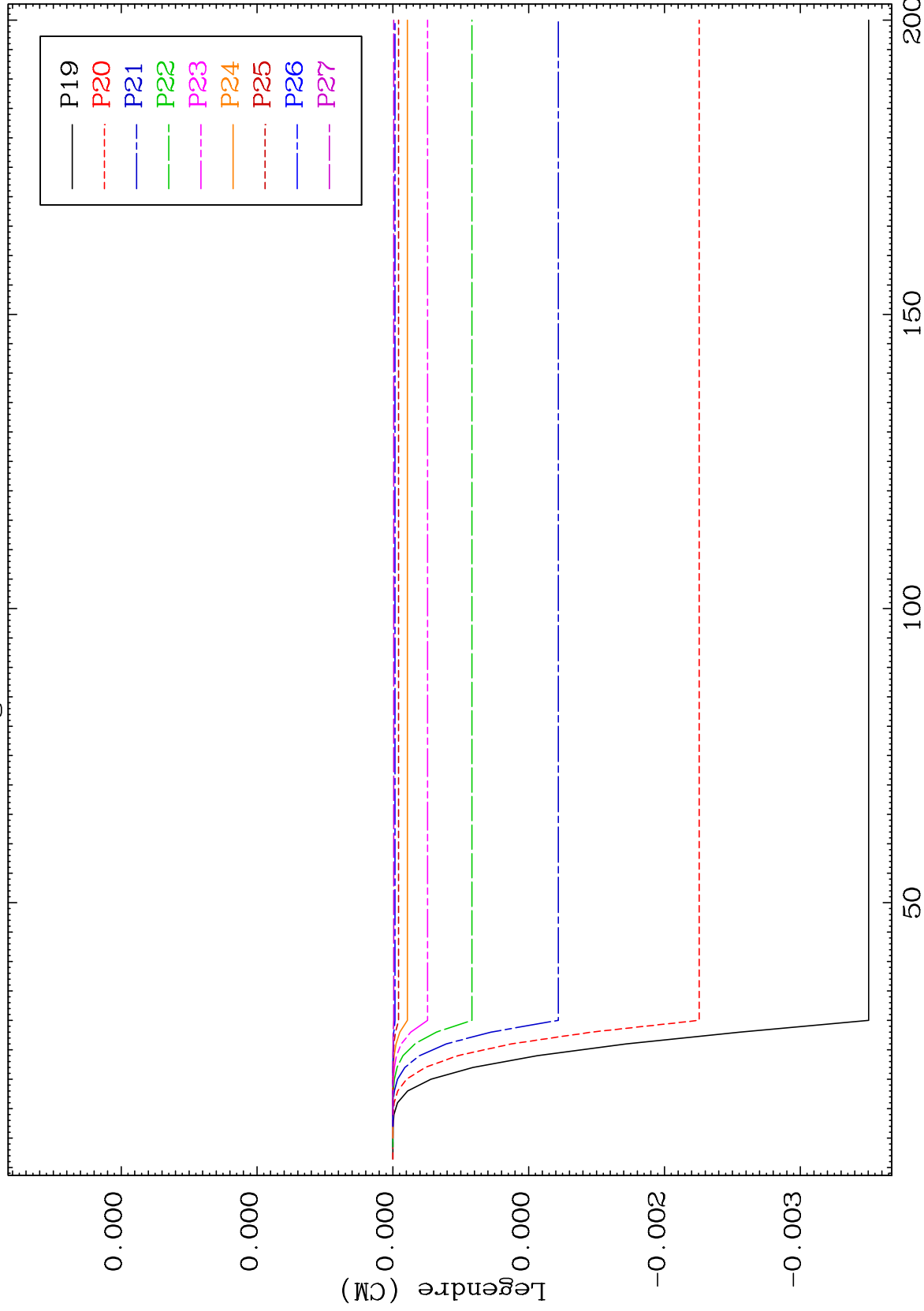
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

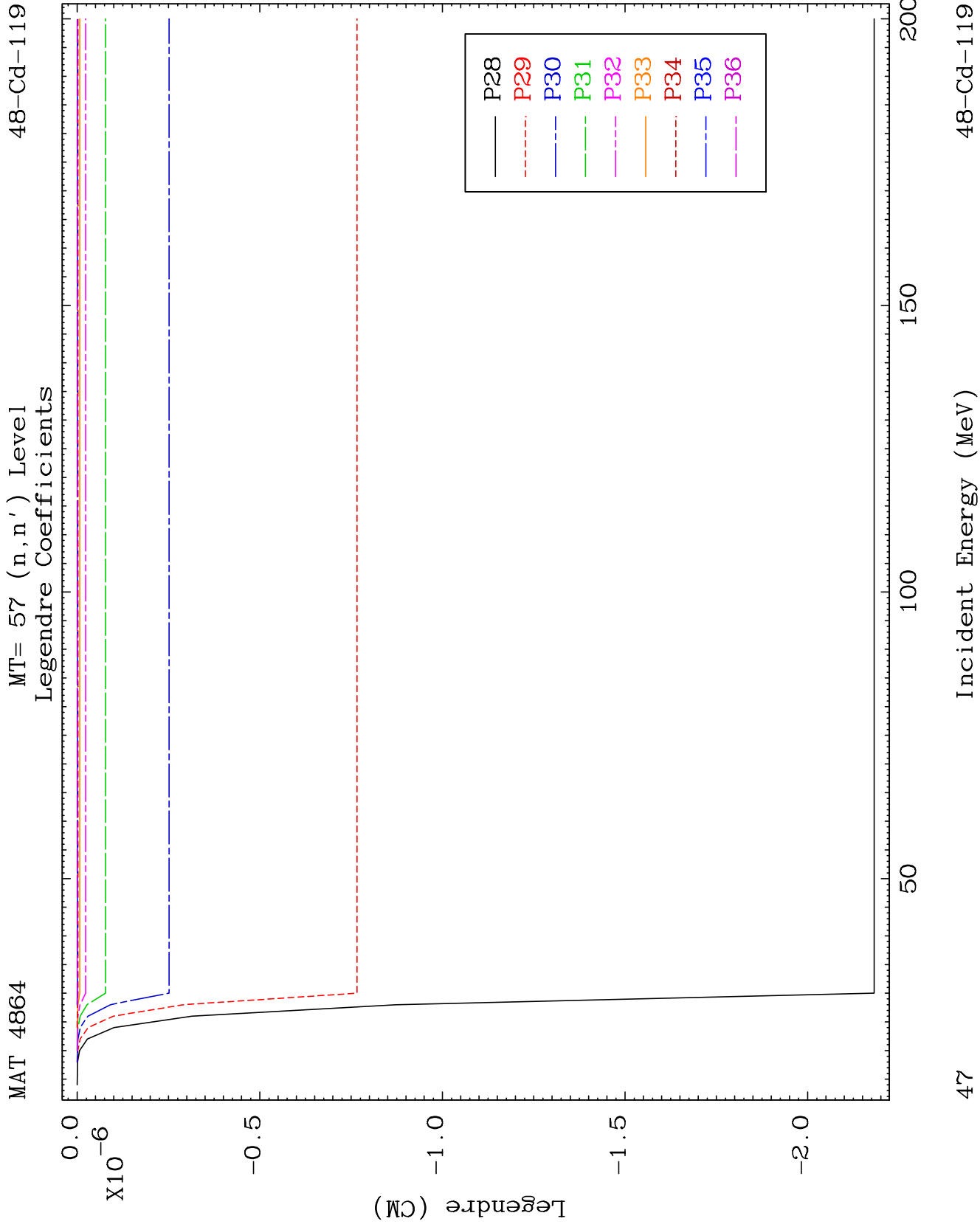
48-Cd-119



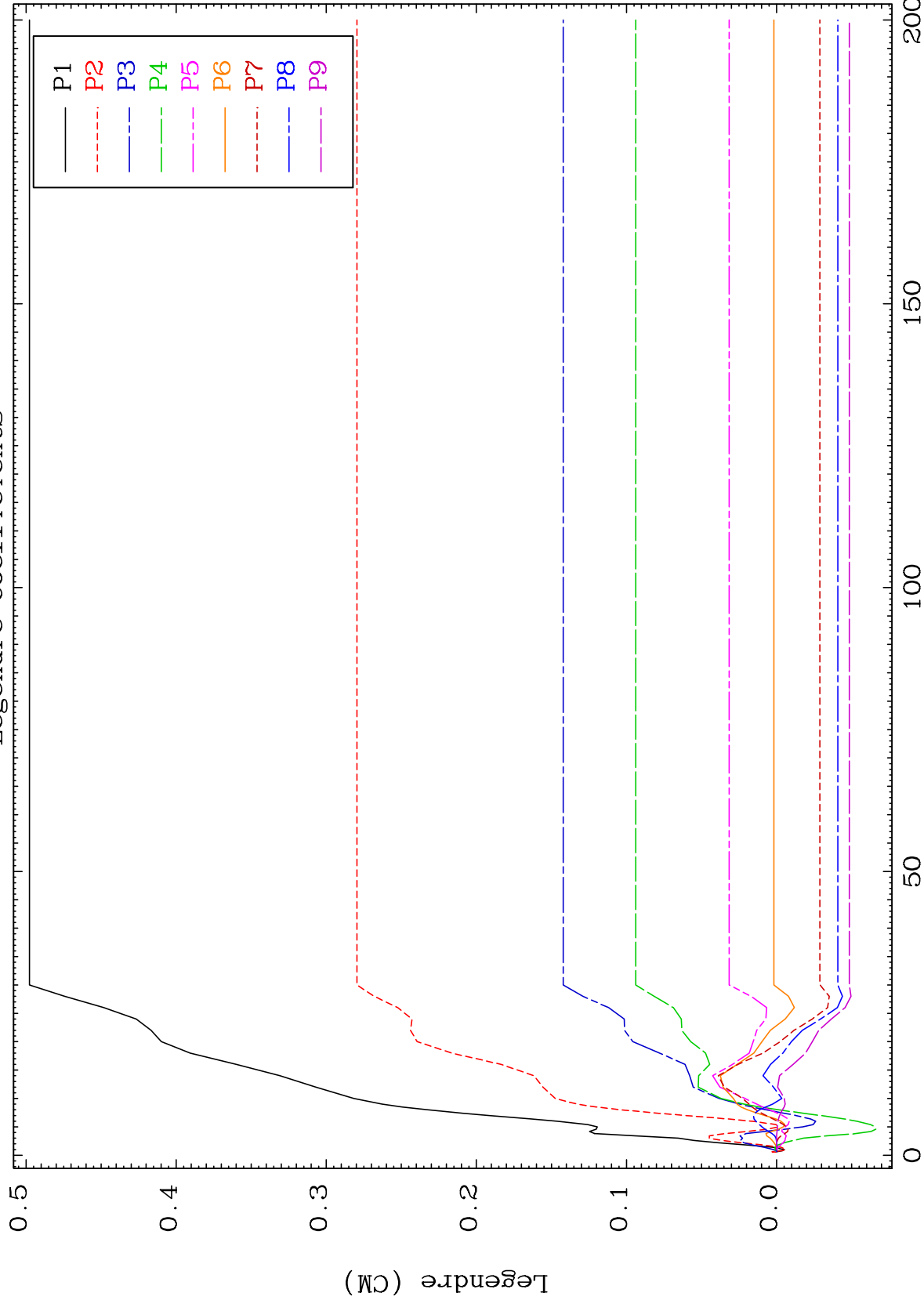
46

Incident Energy (MeV)

48-Cd-119



MAT 4864 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-119

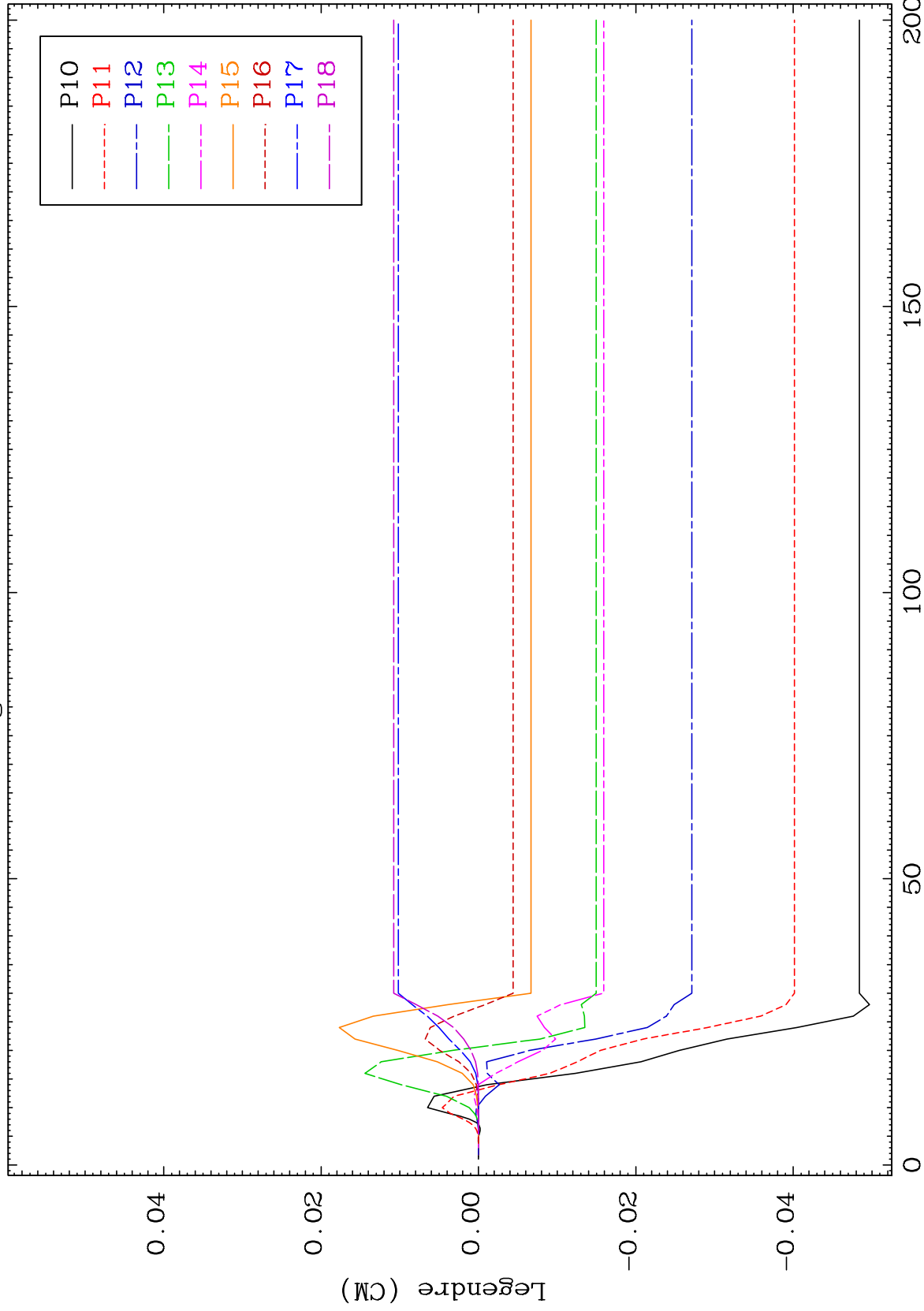


48 48-Cd-119

MAT 4864

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

48-Cd-119



49

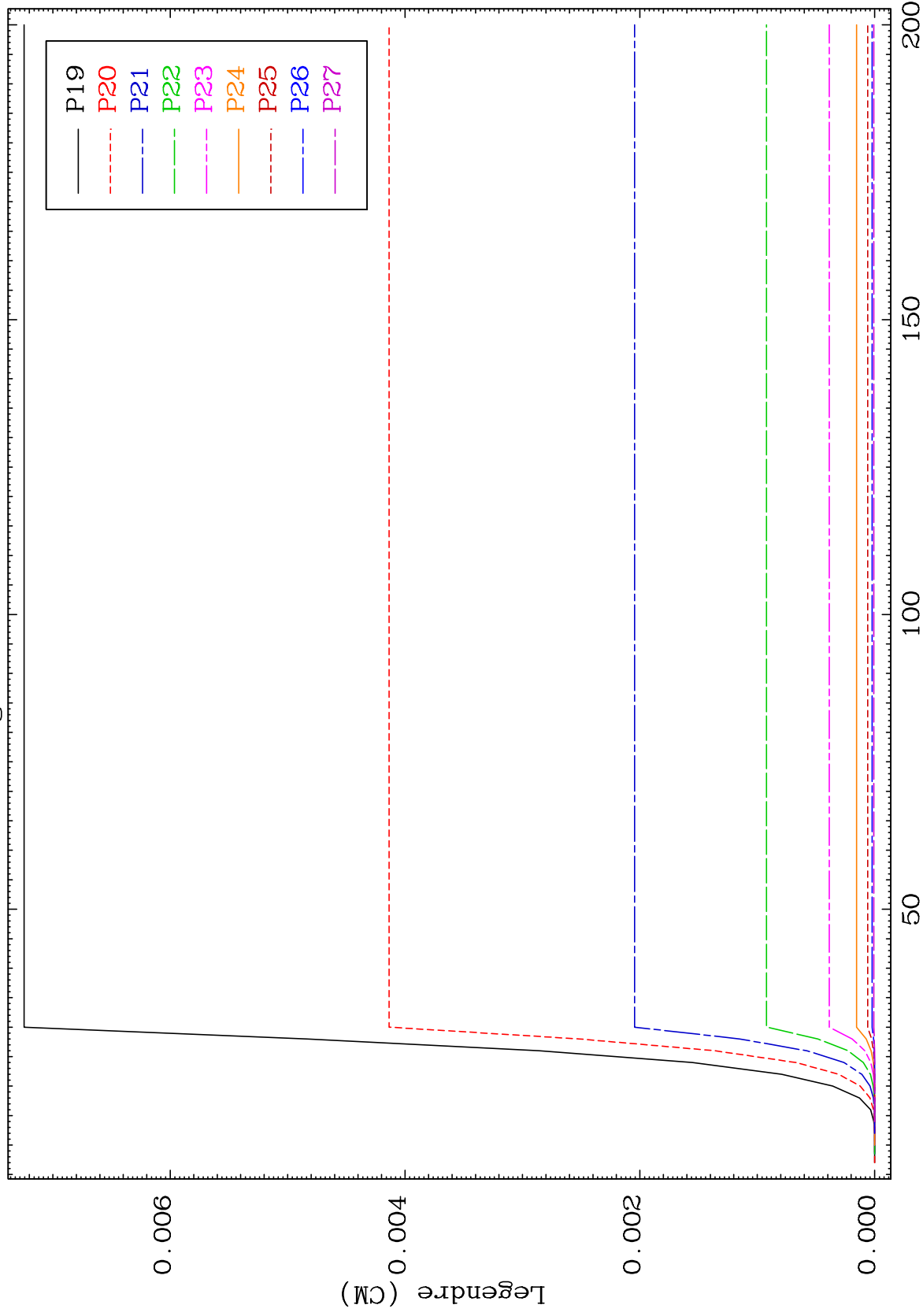
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



50

50

100

150

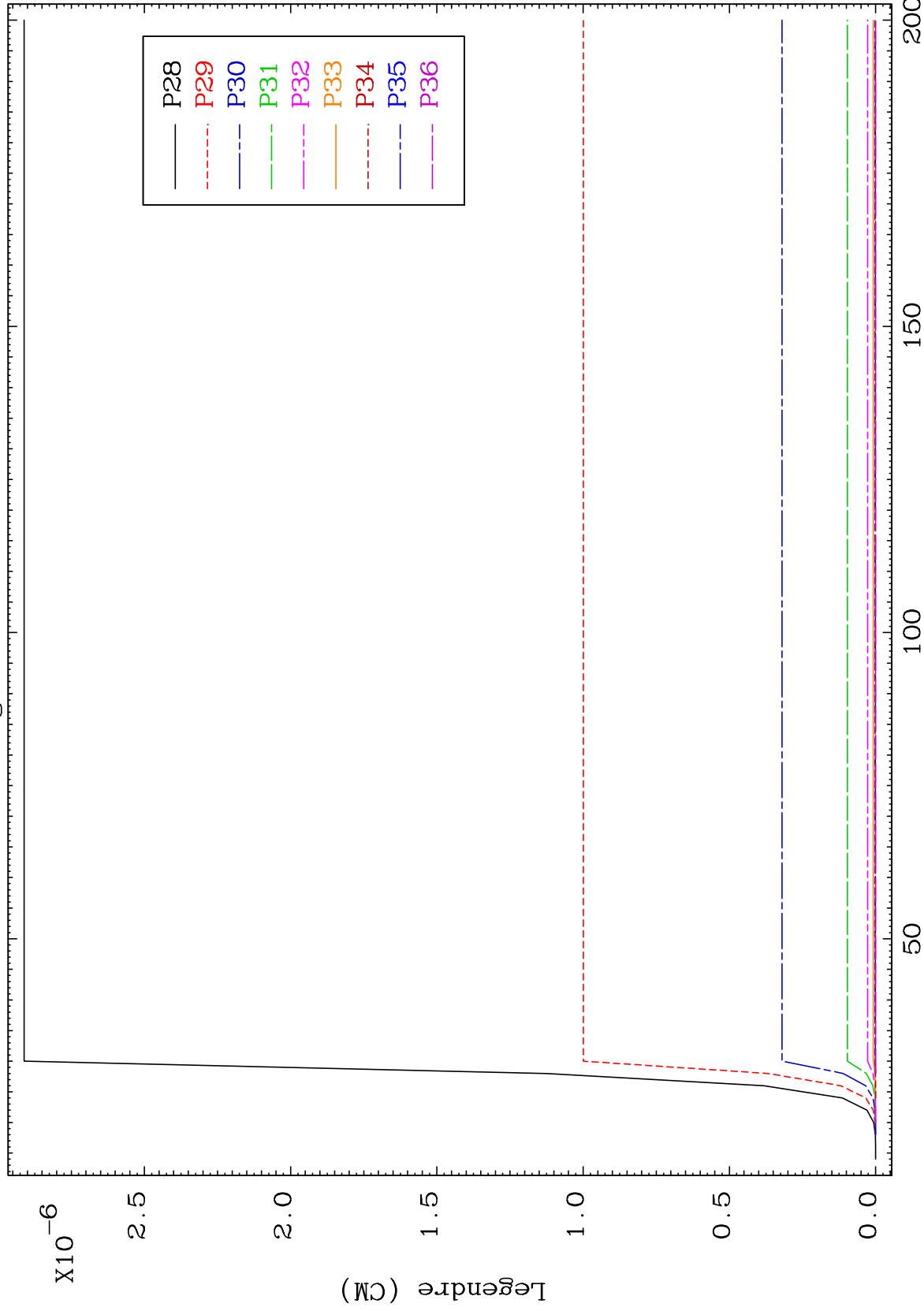
200

48-Cd-119

MAT 4864

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

48-Cd-119

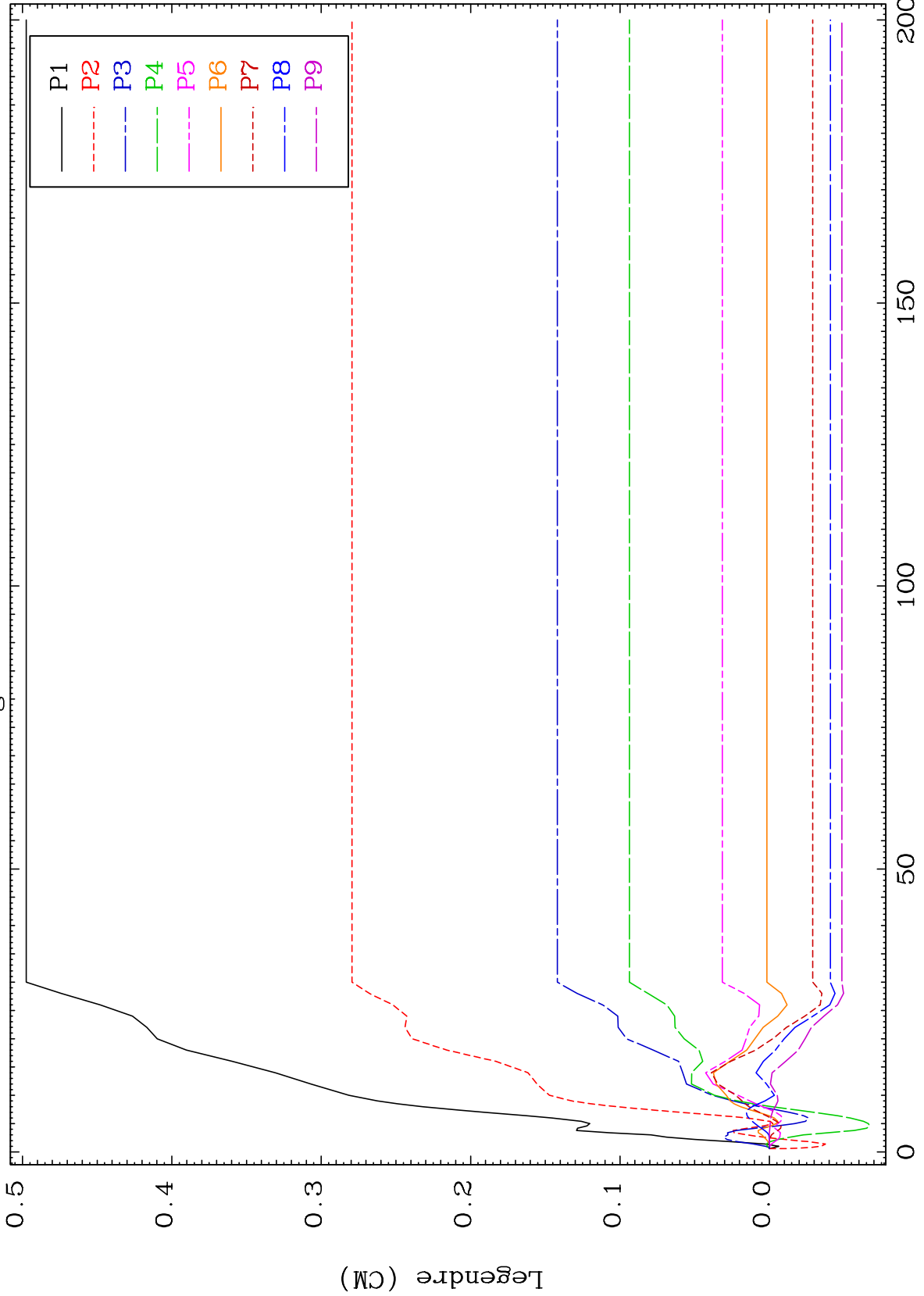


51

Incident Energy (MeV)

48-Cd-119

MAT 4864 MT= 59 (n,n') Level Legendre Coefficients 48-Cd-119

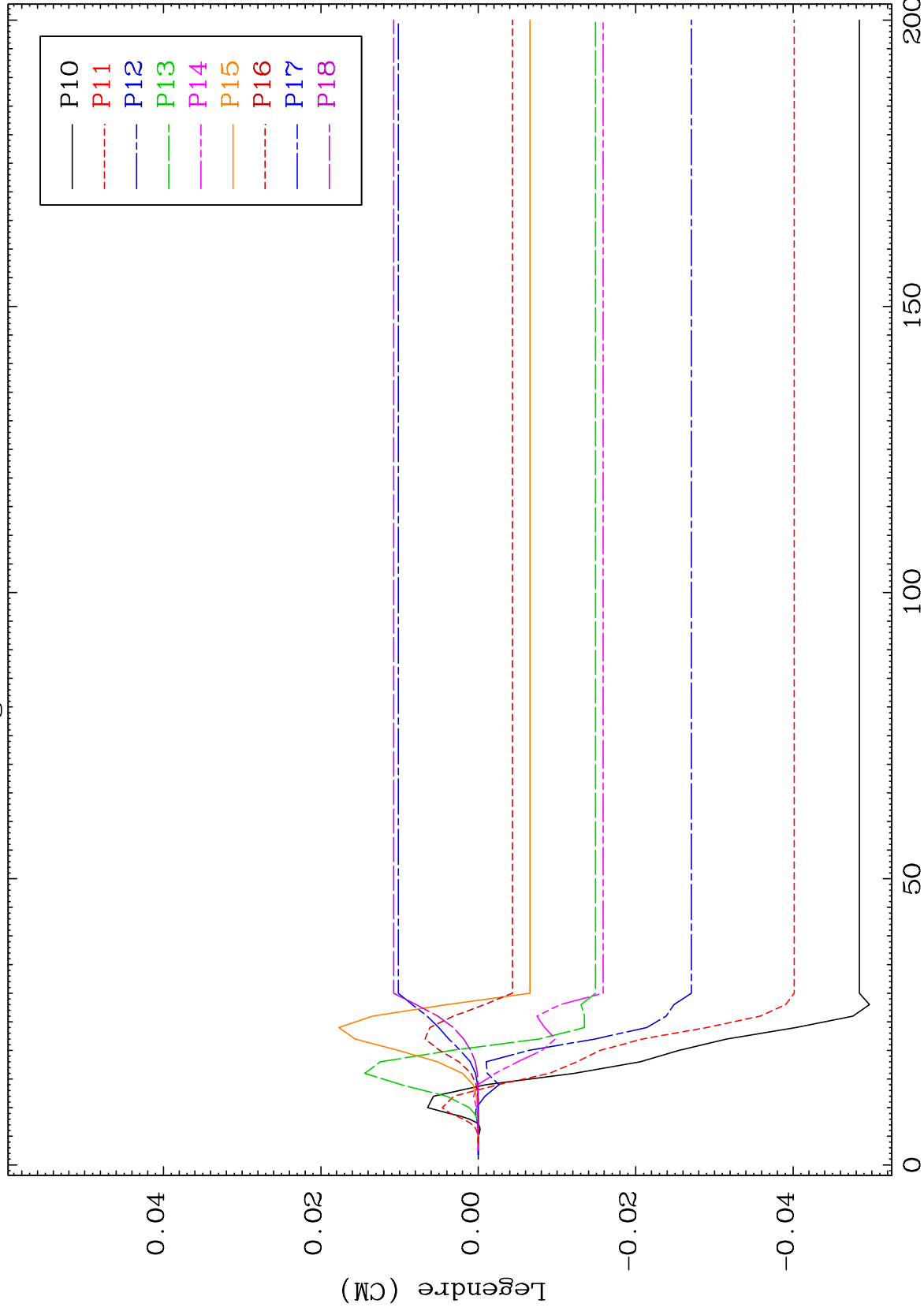


52 48-Cd-119

MAT 4864

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

48-Cd-119



53

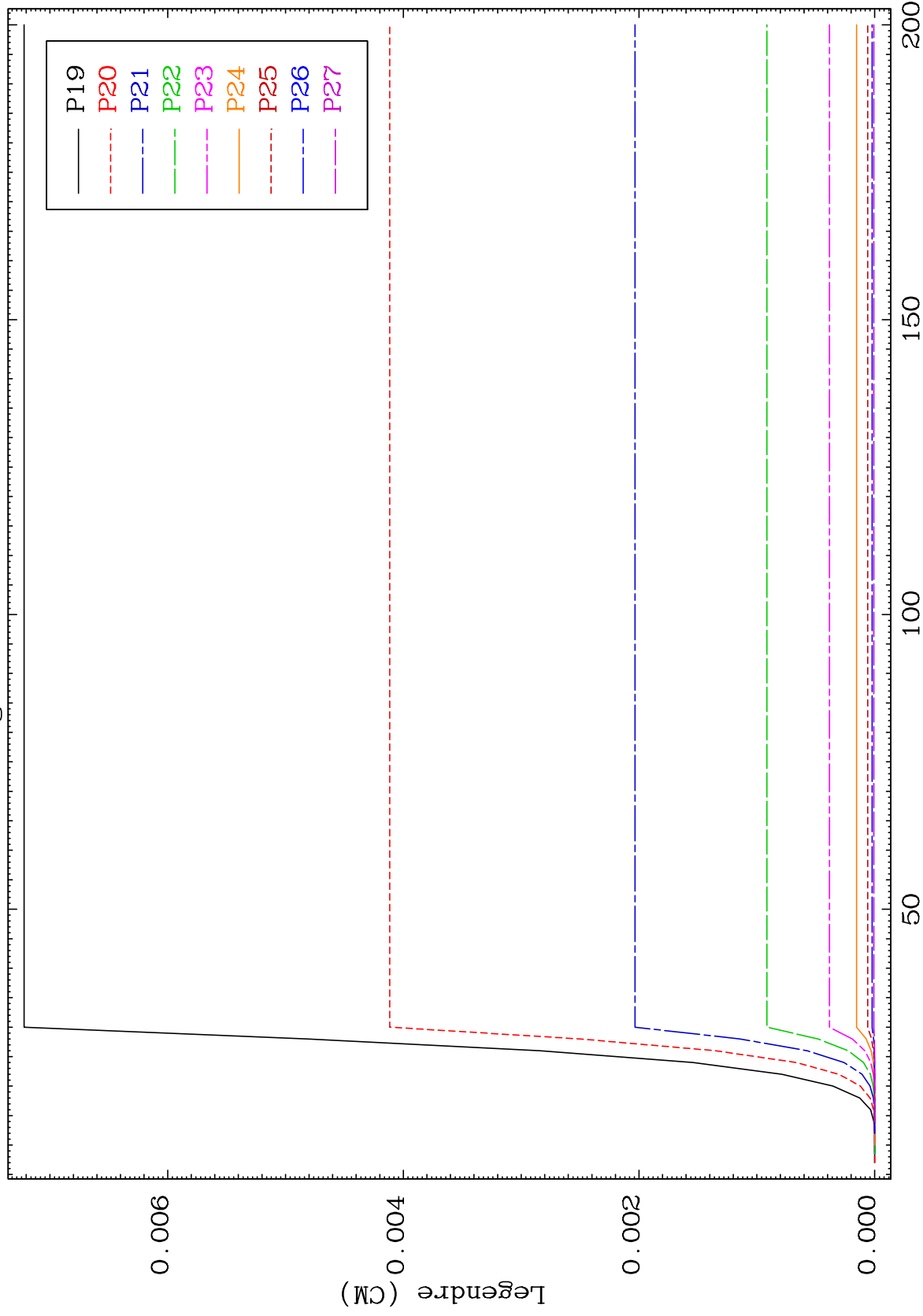
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



54

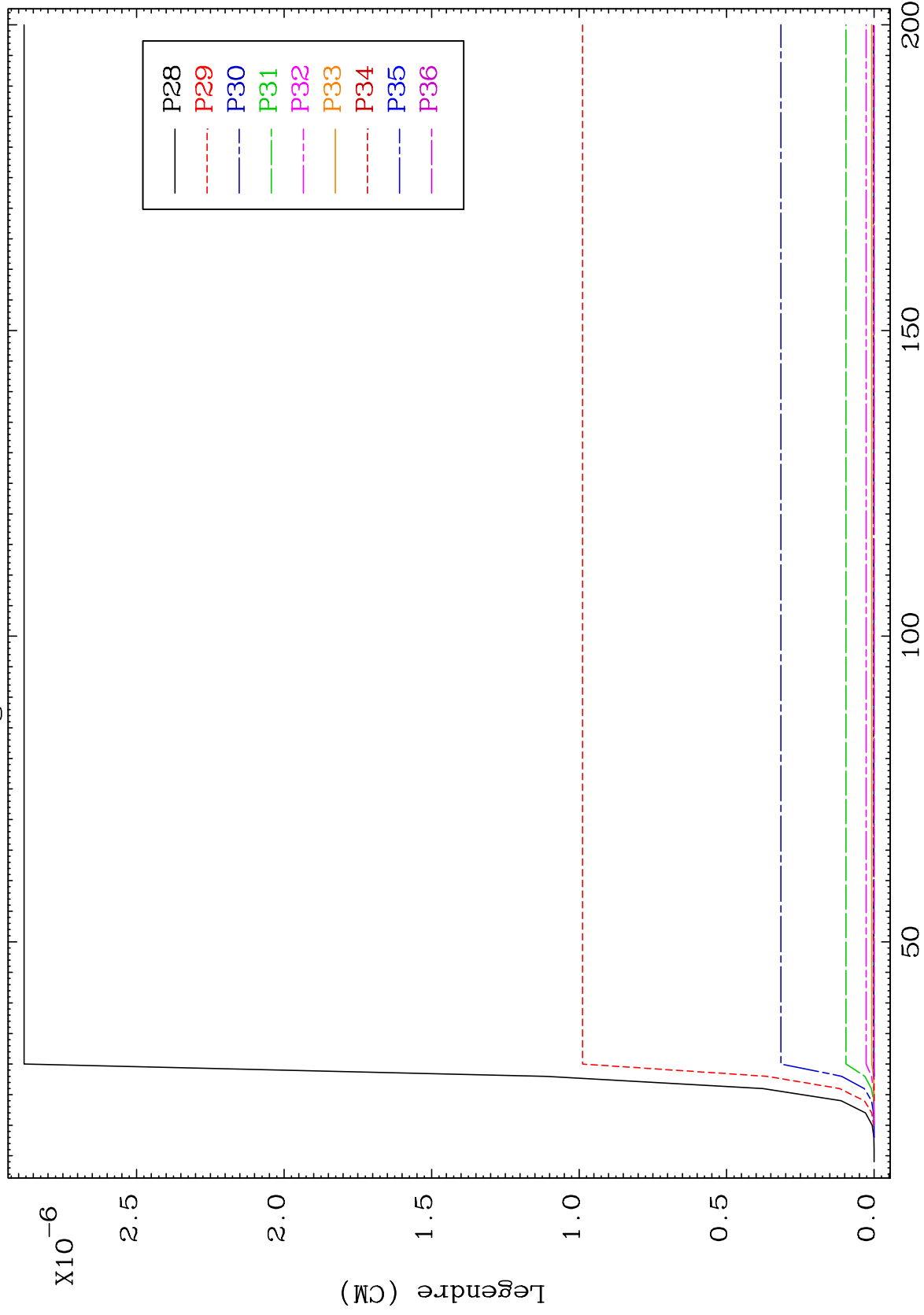
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



55

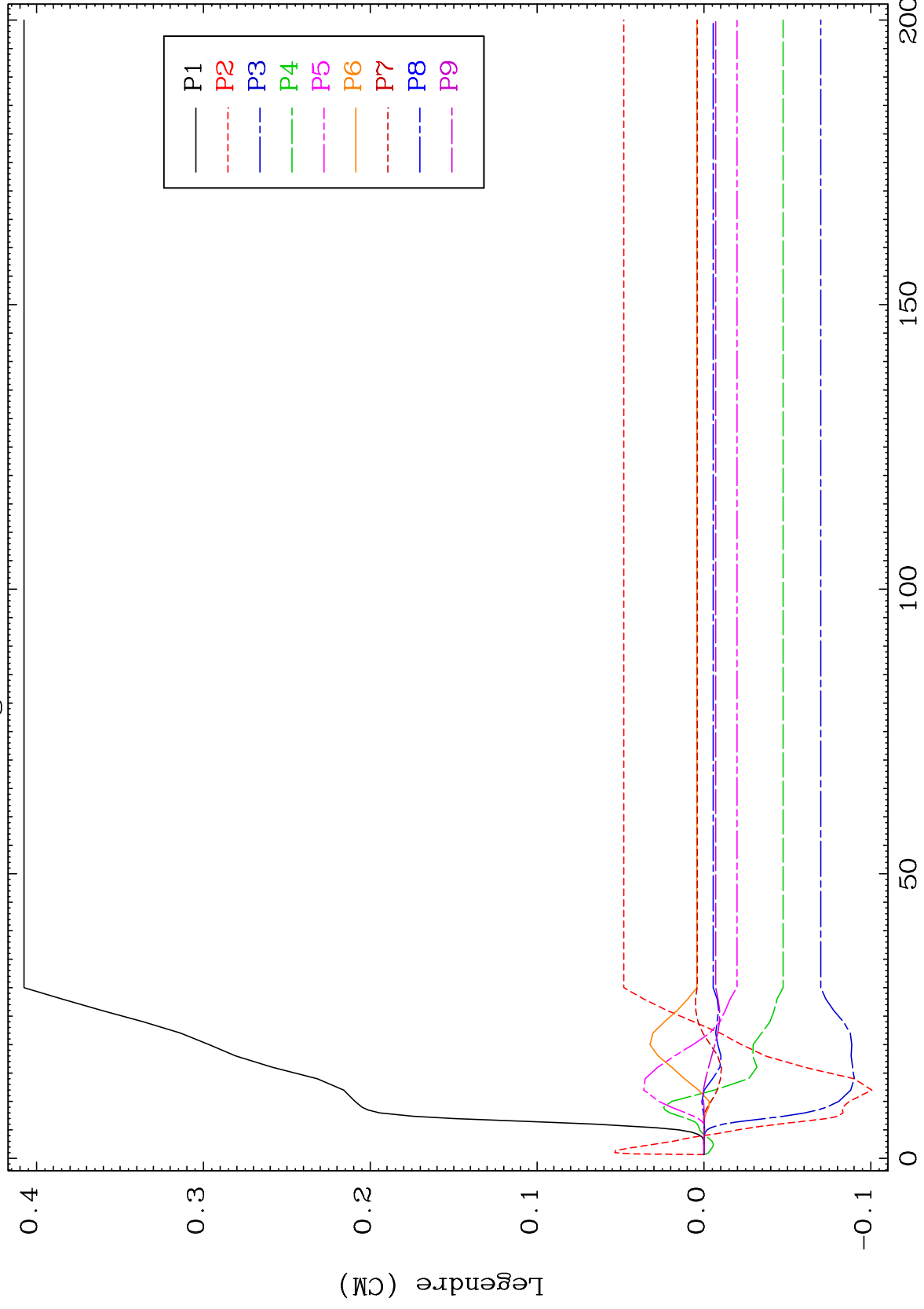
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



56

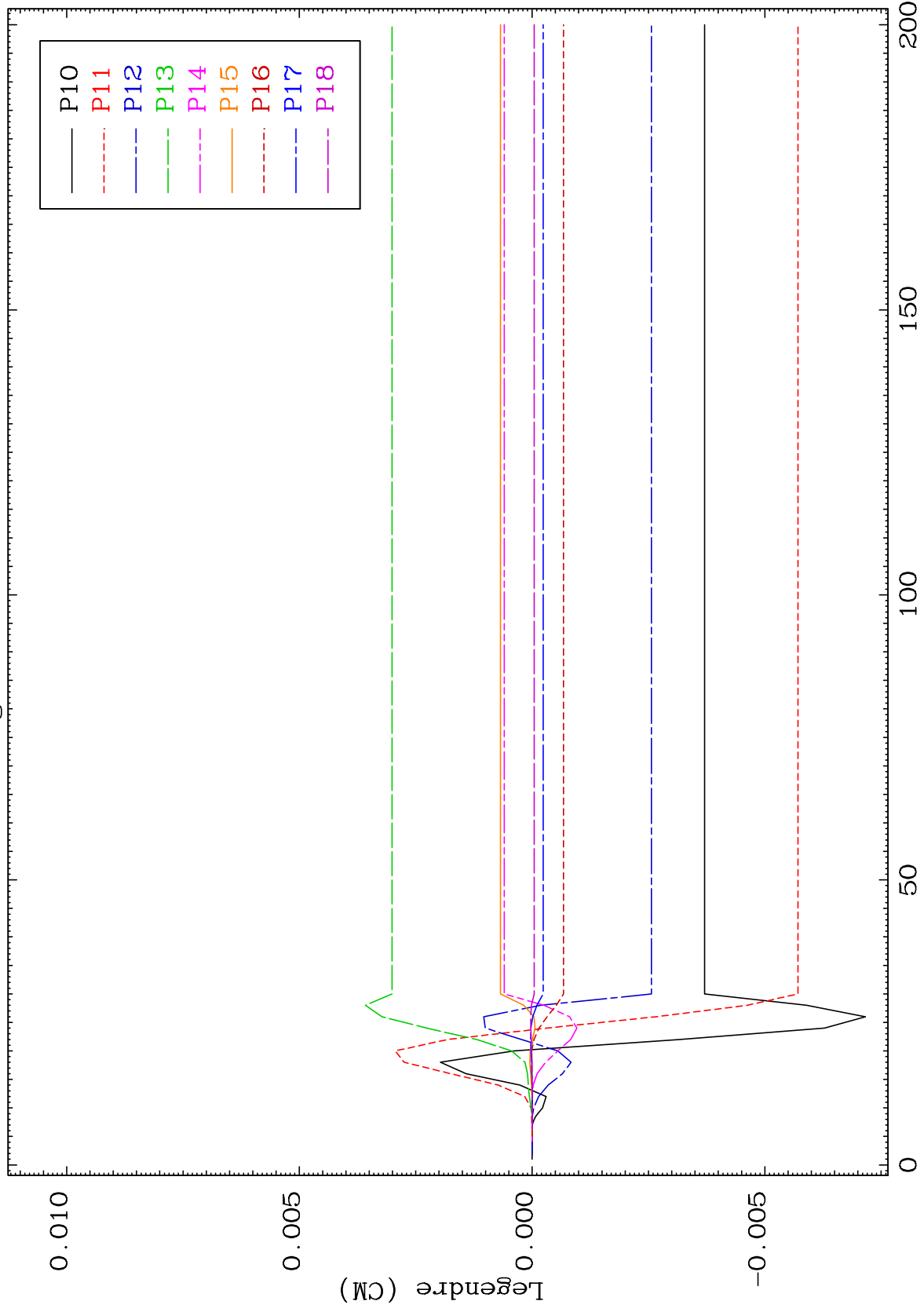
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



57

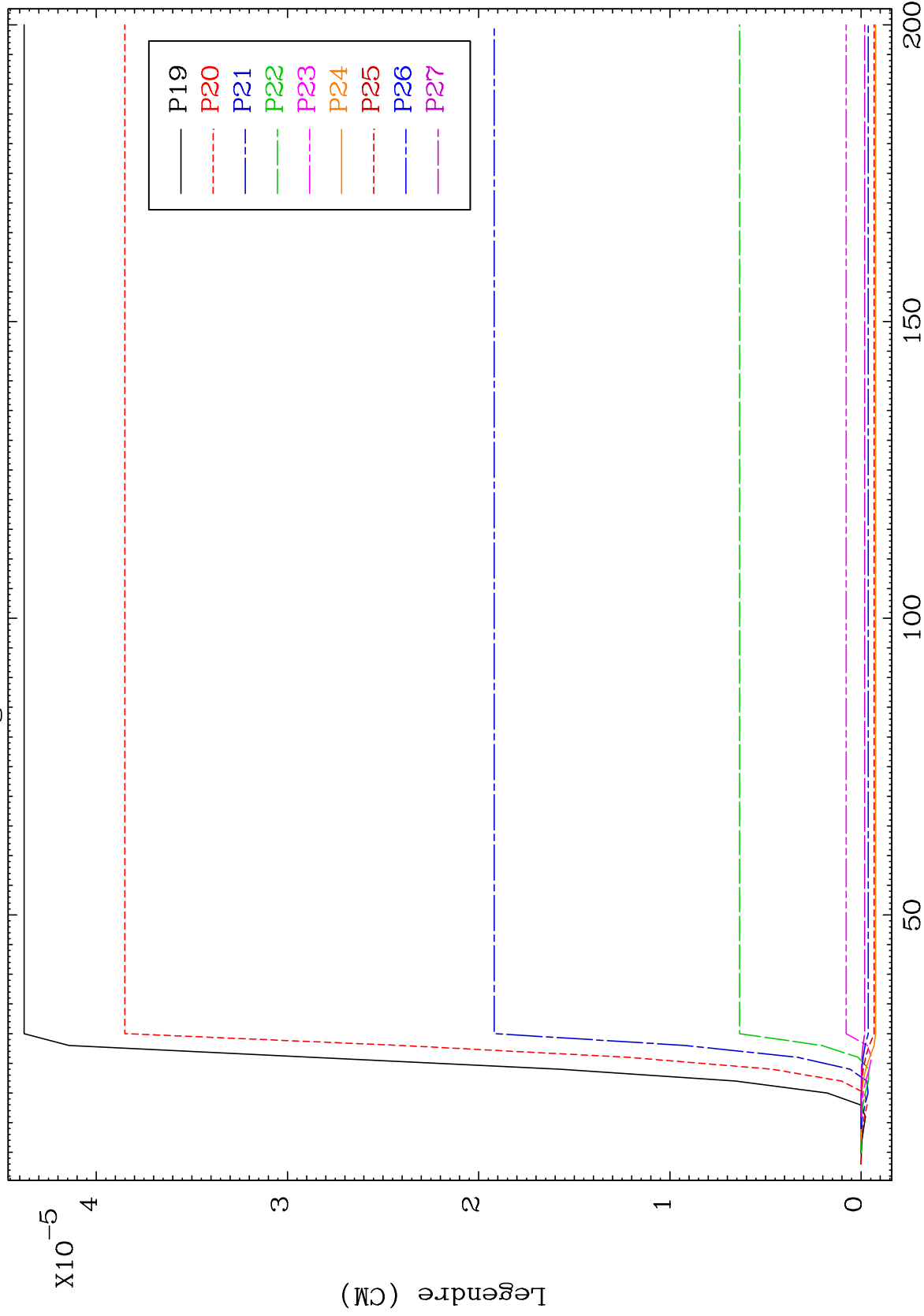
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119

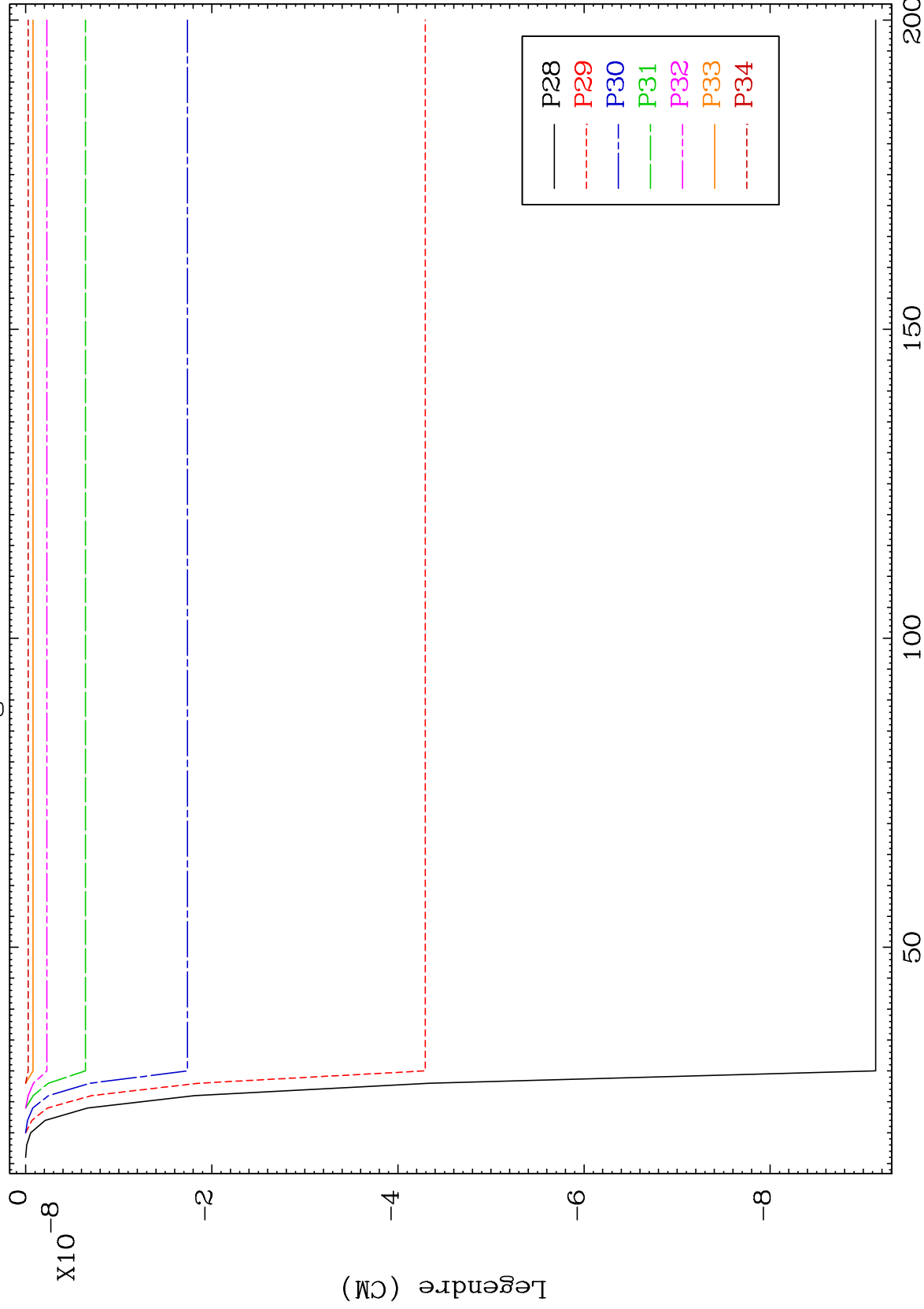


58

Incident Energy (MeV)

48-Cd-119

MAT 4864 MT= 60 (n,n') Level Legendre Coefficients 48-Cd-119

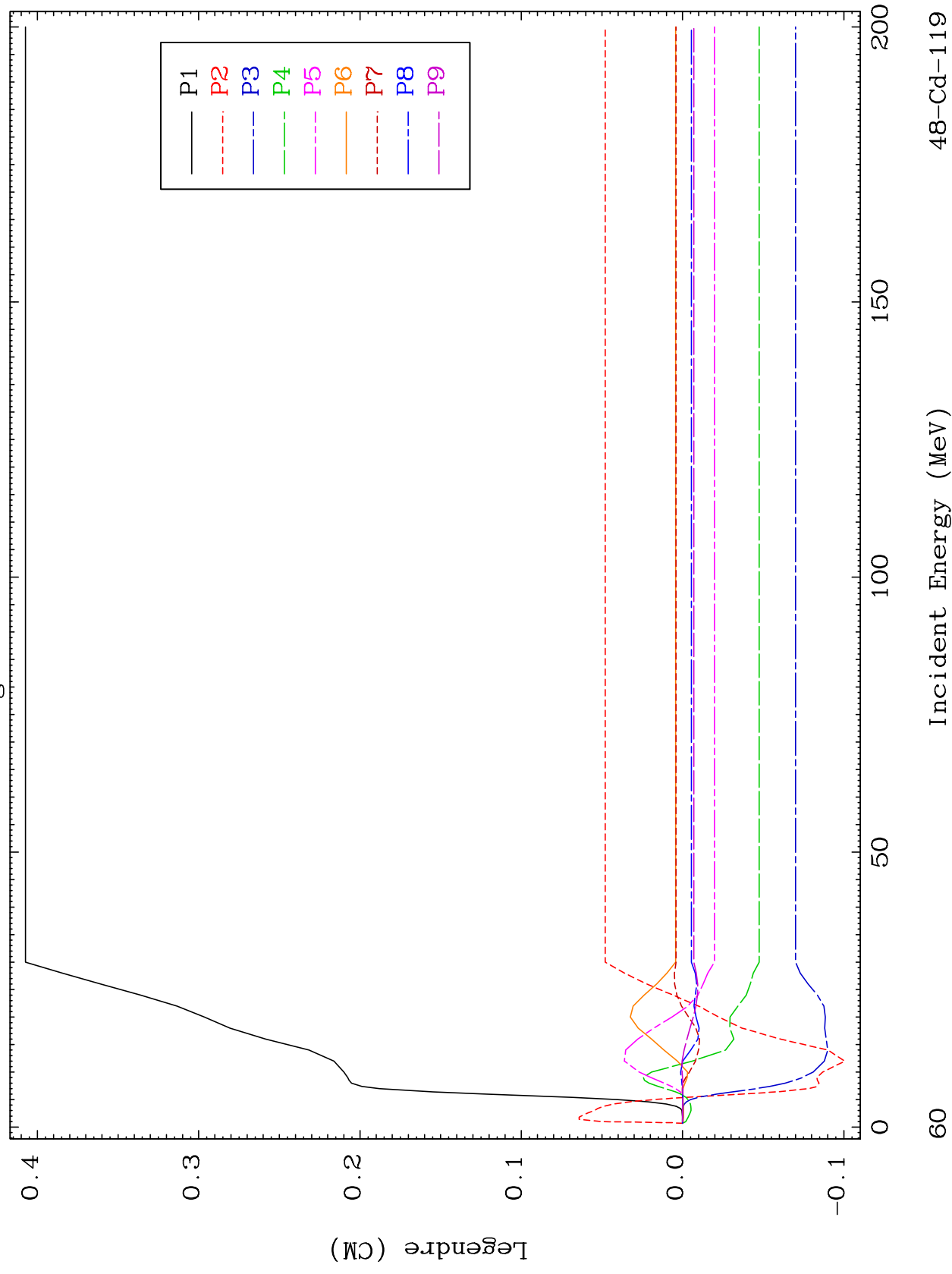


59 Incident Energy (MeV) 48-Cd-119

MAT 4864

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

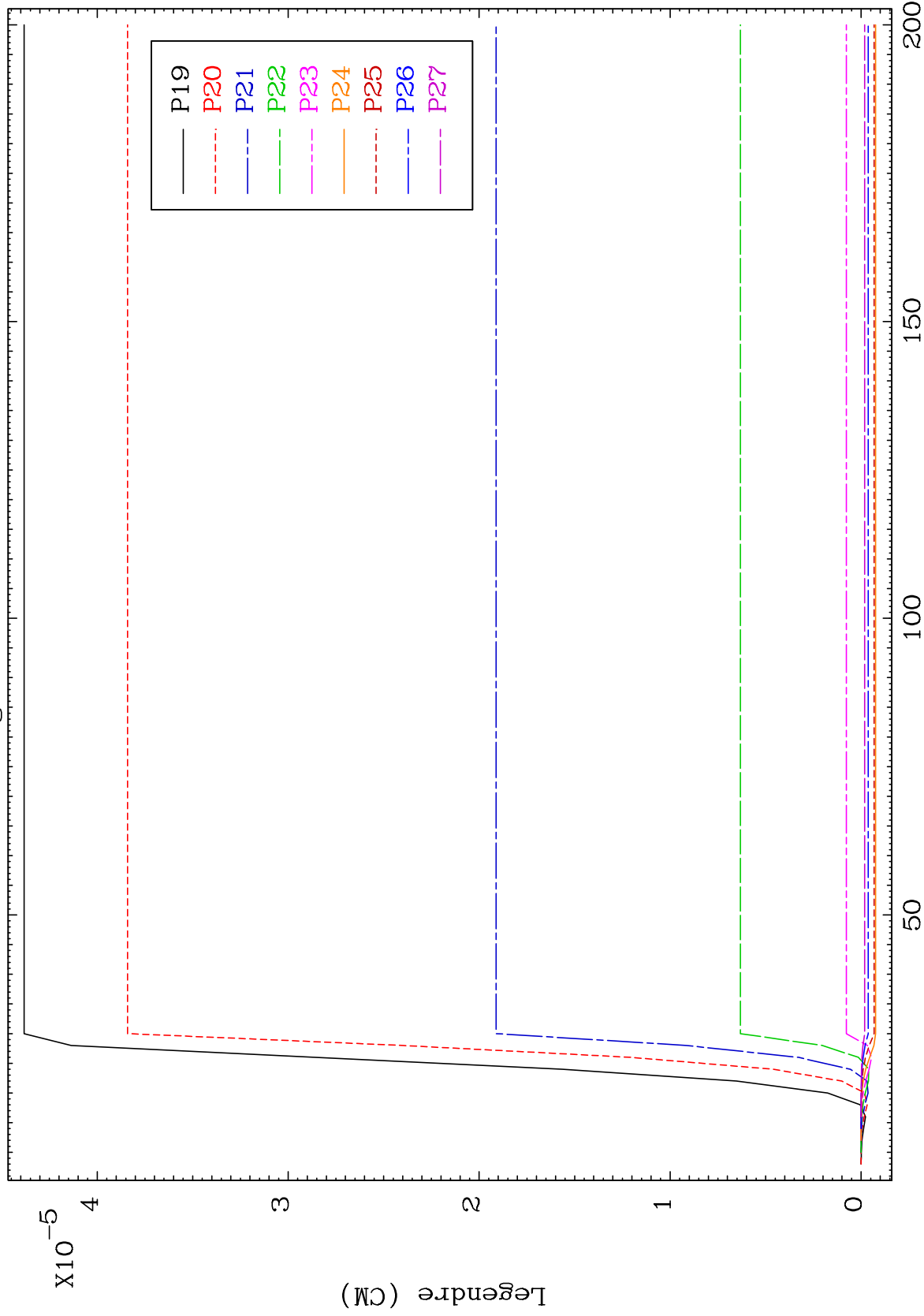
48-Cd-119



MAT 4864

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

48-Cd-119



62

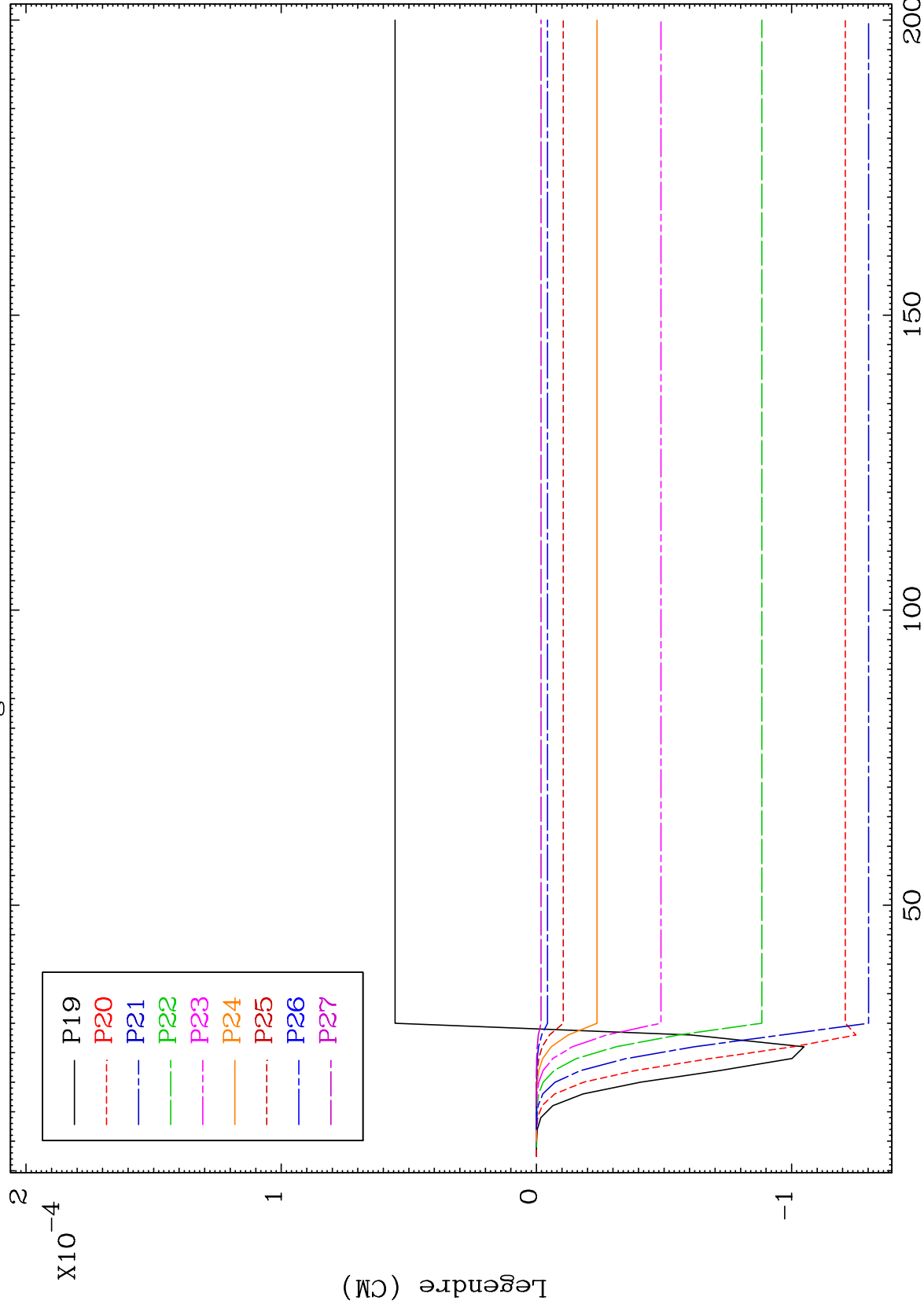
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



66

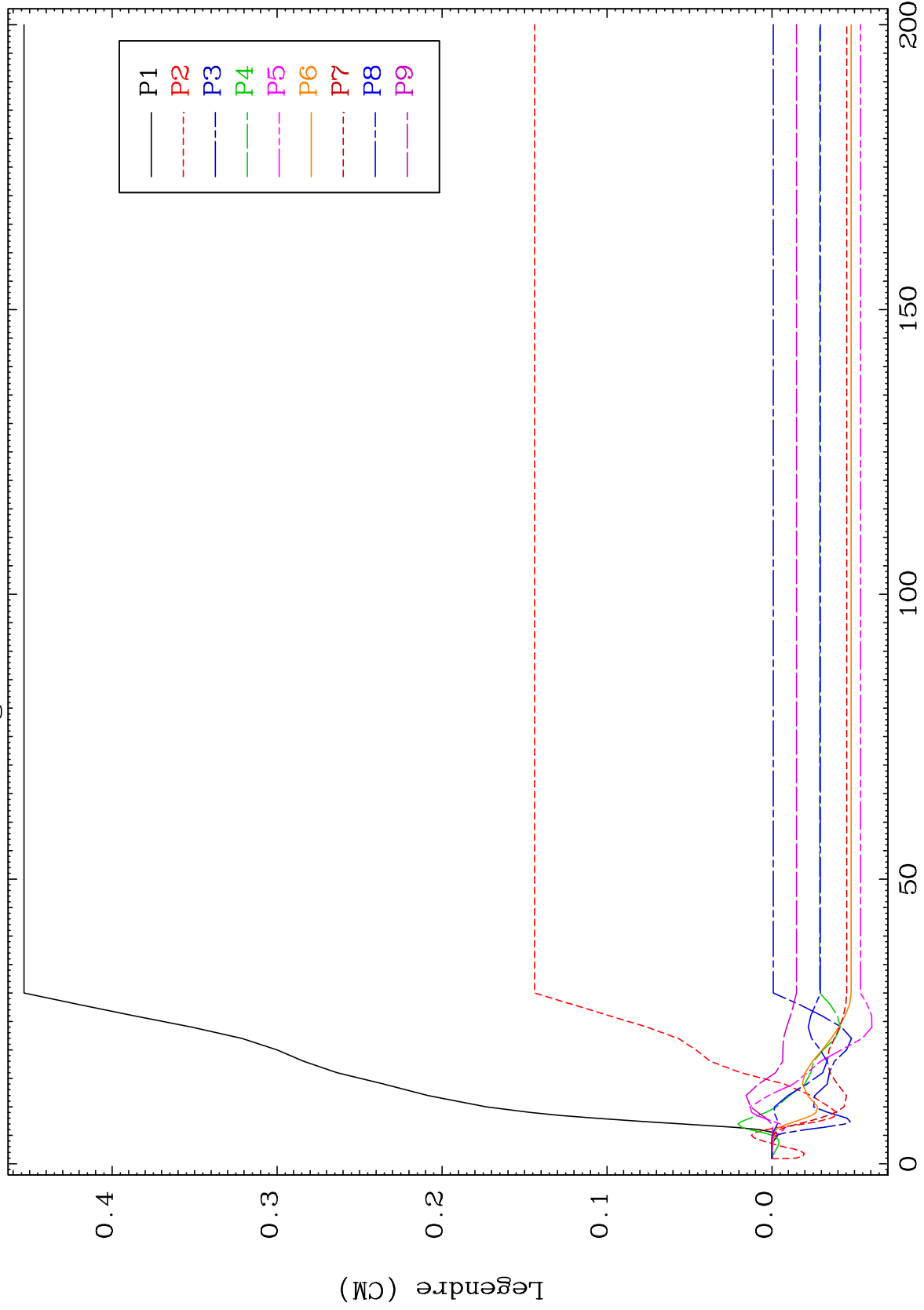
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



68

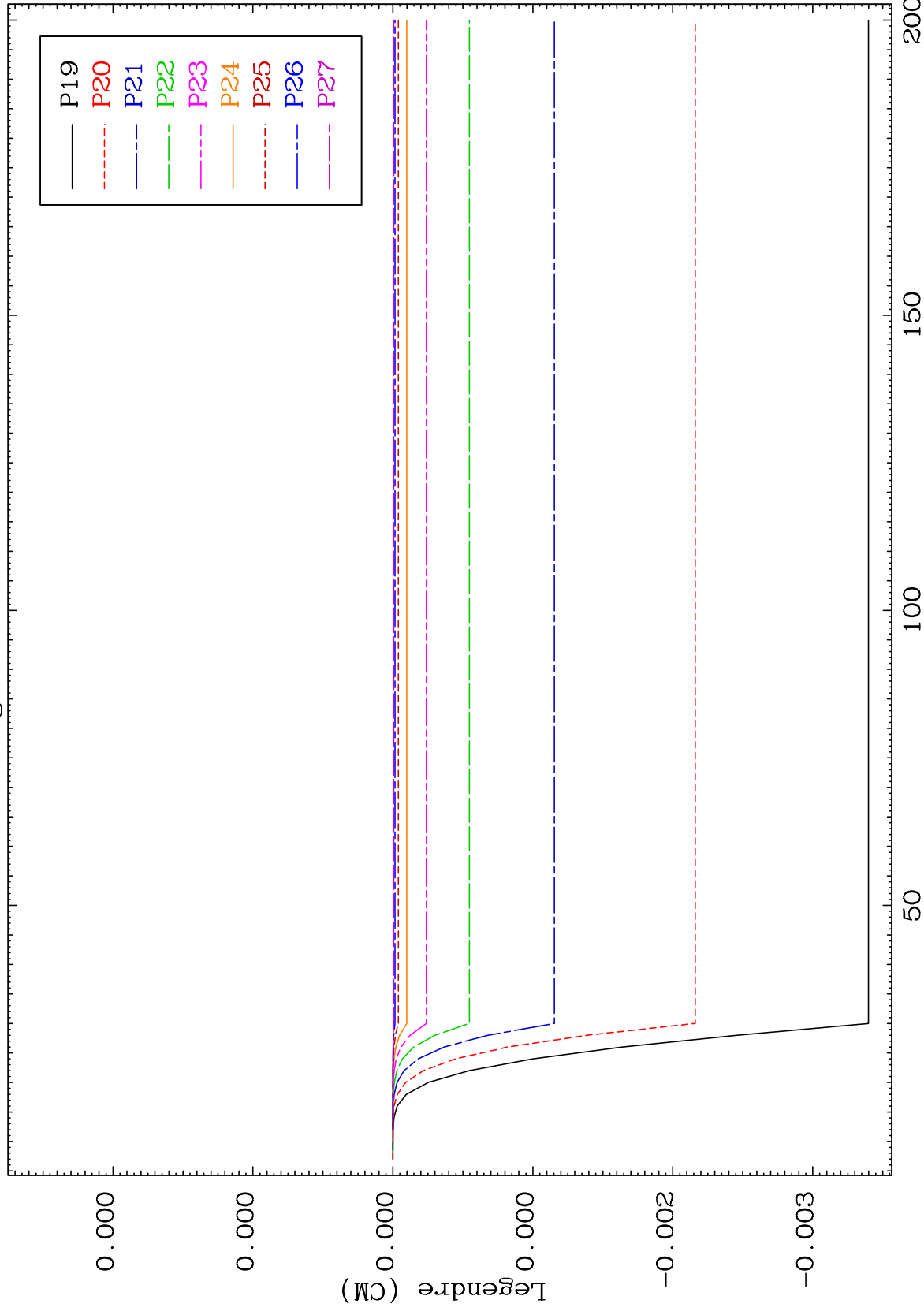
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119

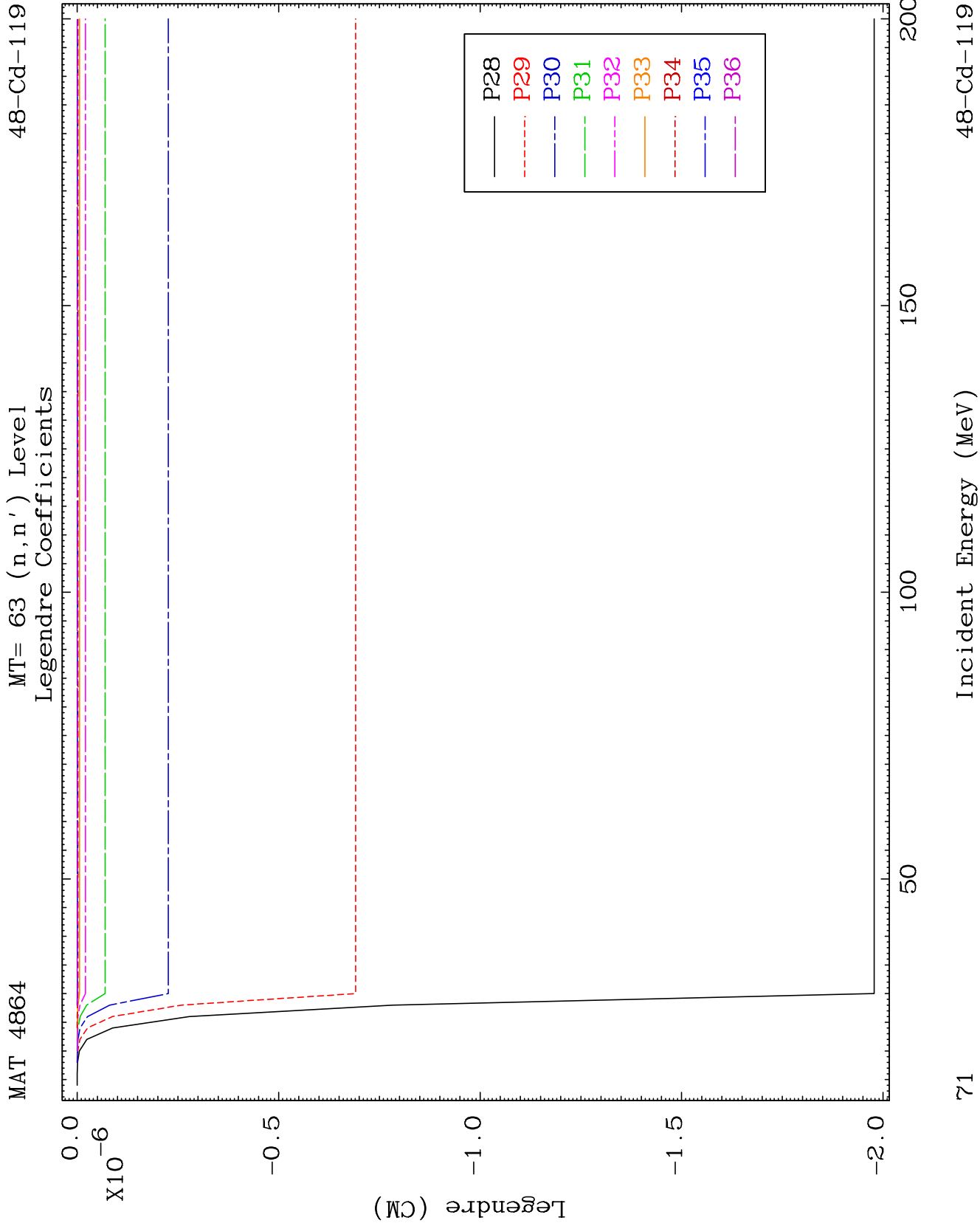


70

Incident Energy (MeV)

150

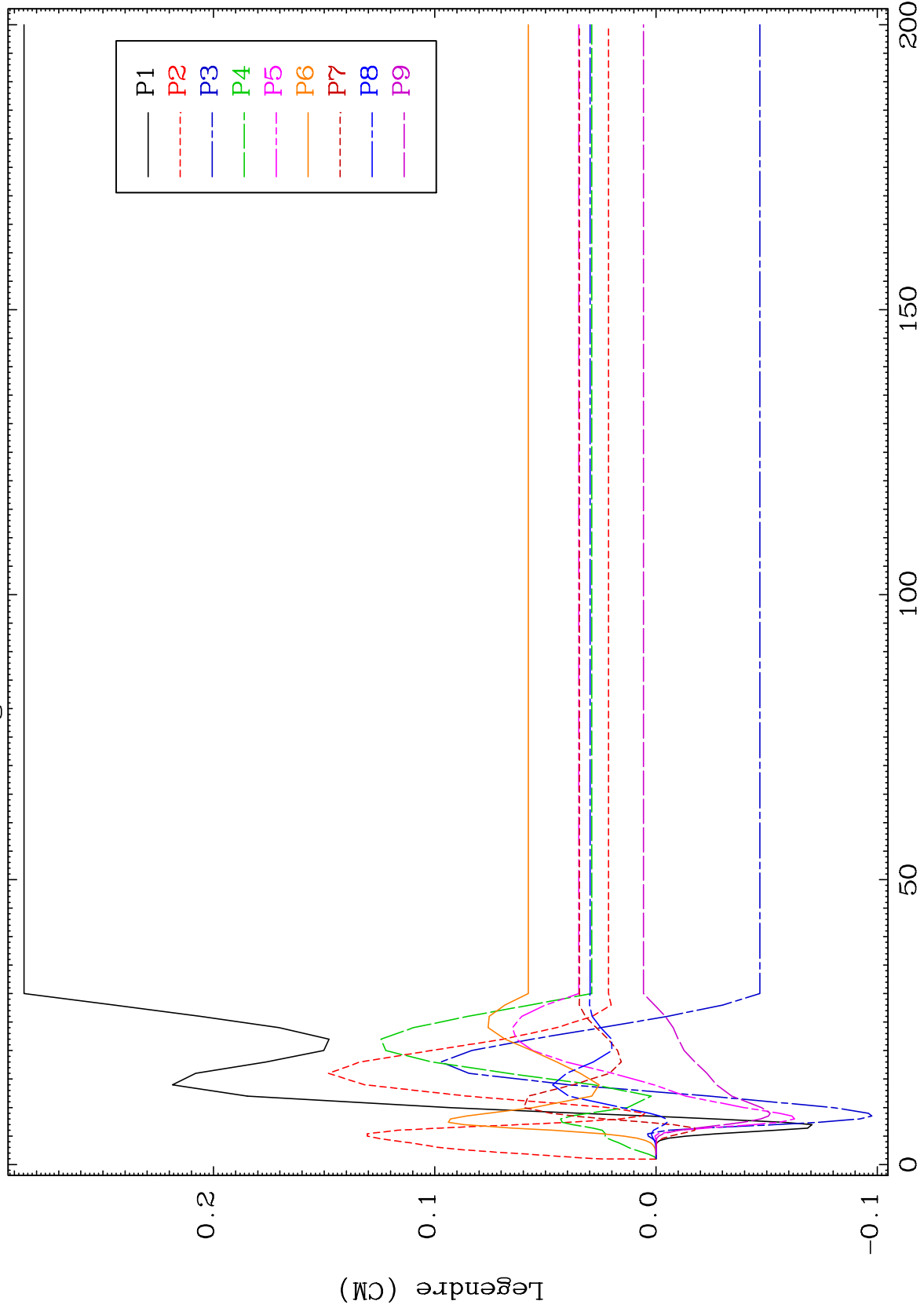
48-Cd-119



MAT 4864

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

48-Cd-119



72

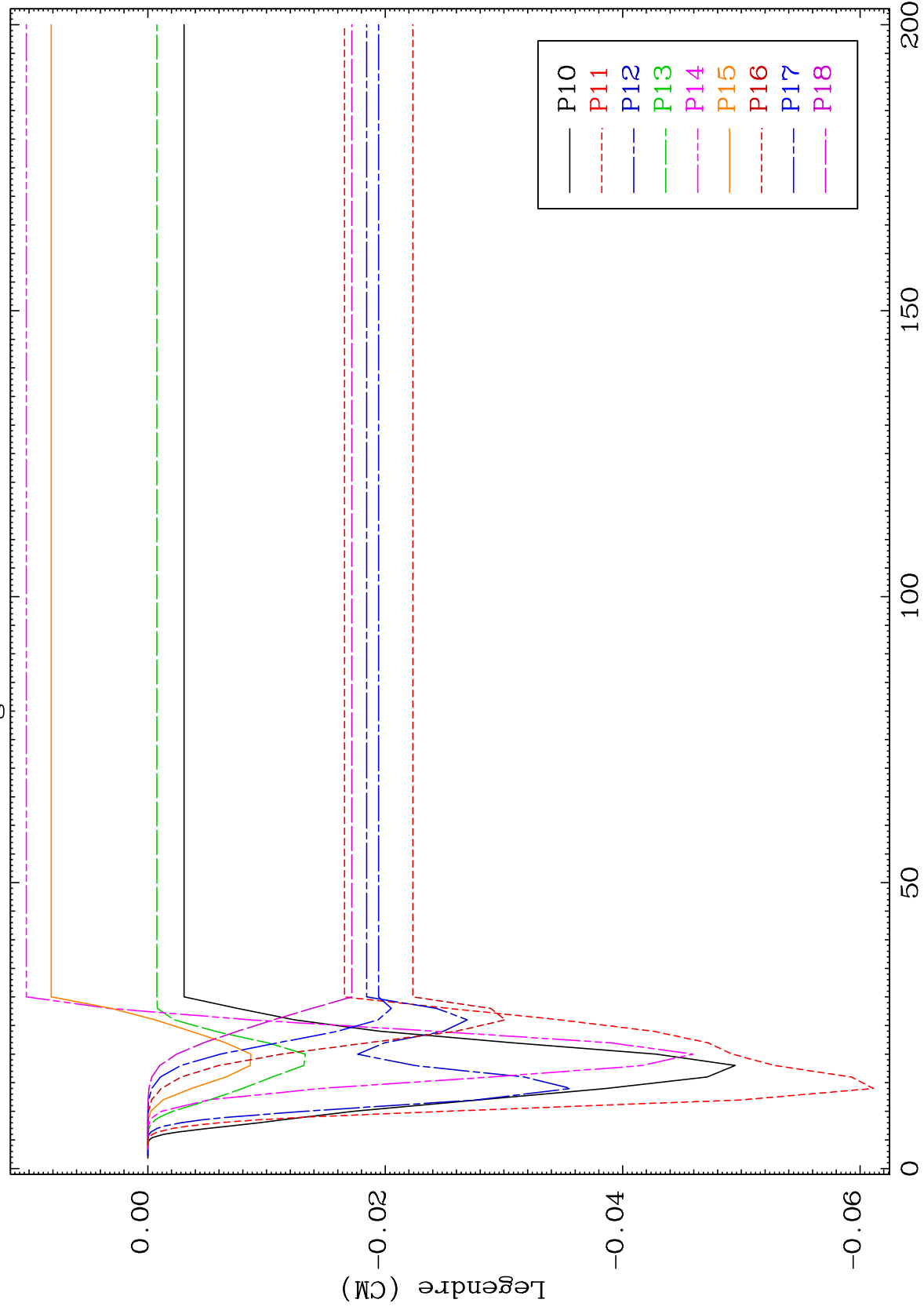
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

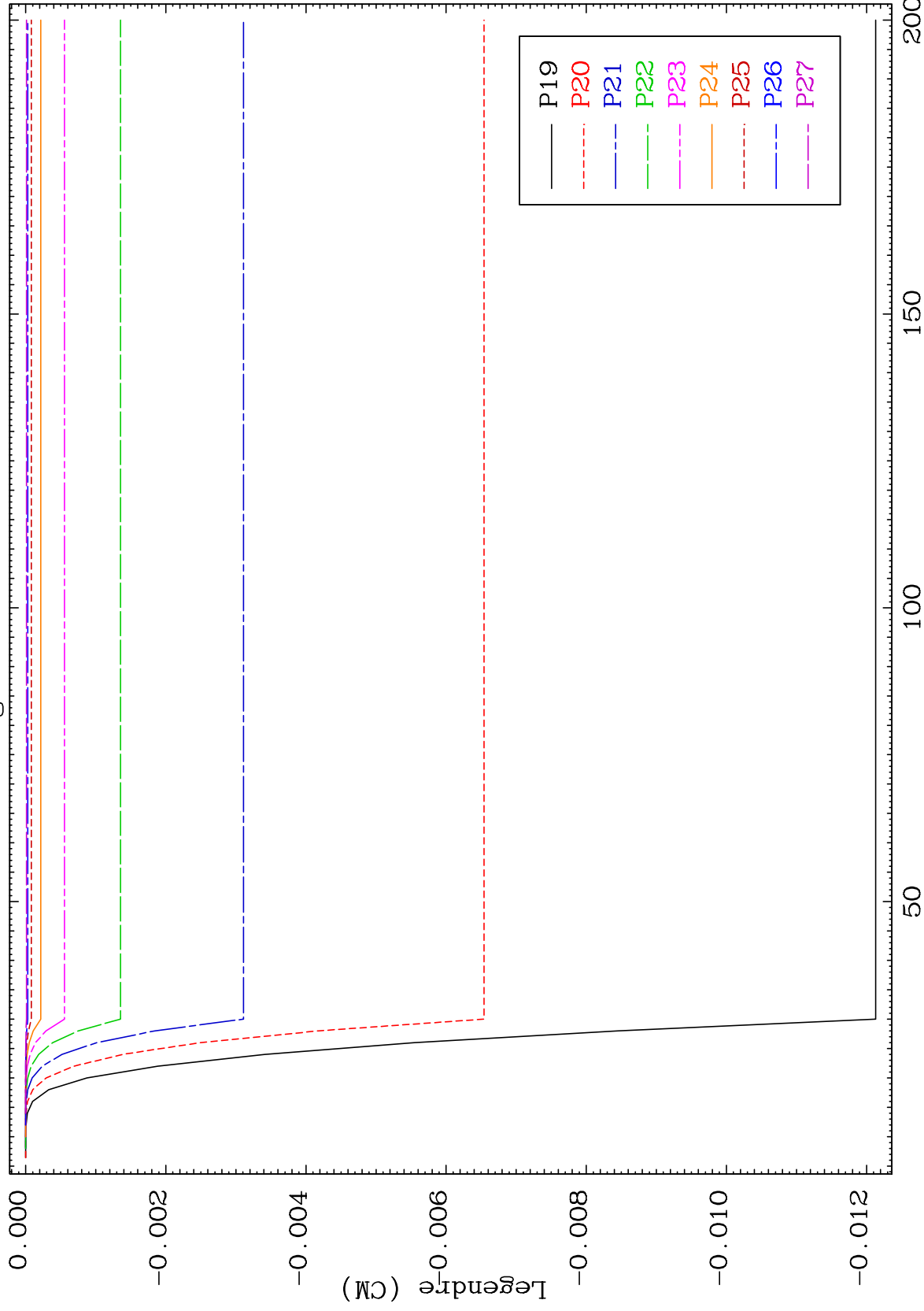
48-Cd-119

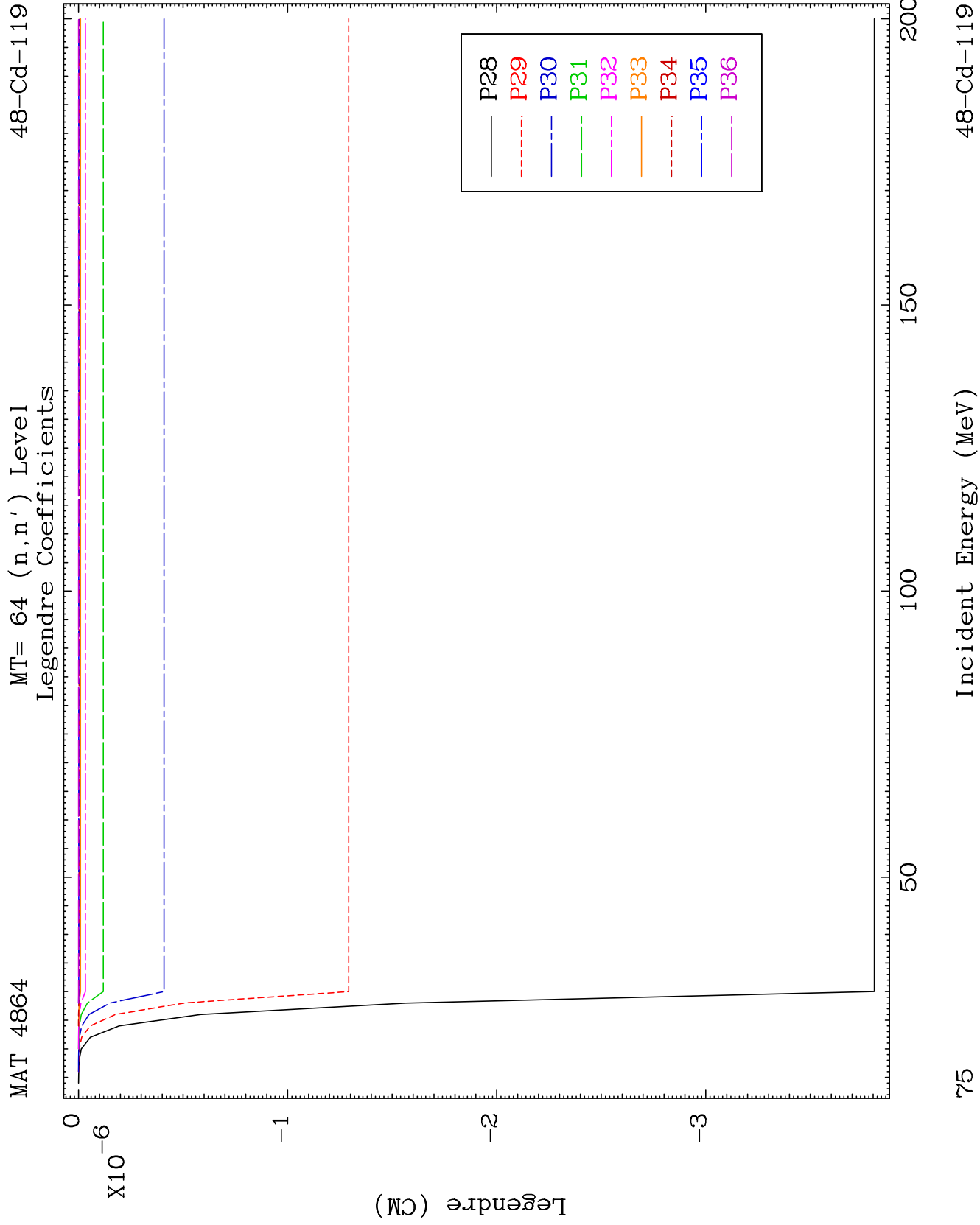


23

Incident Energy (MeV)

48-Cd-119

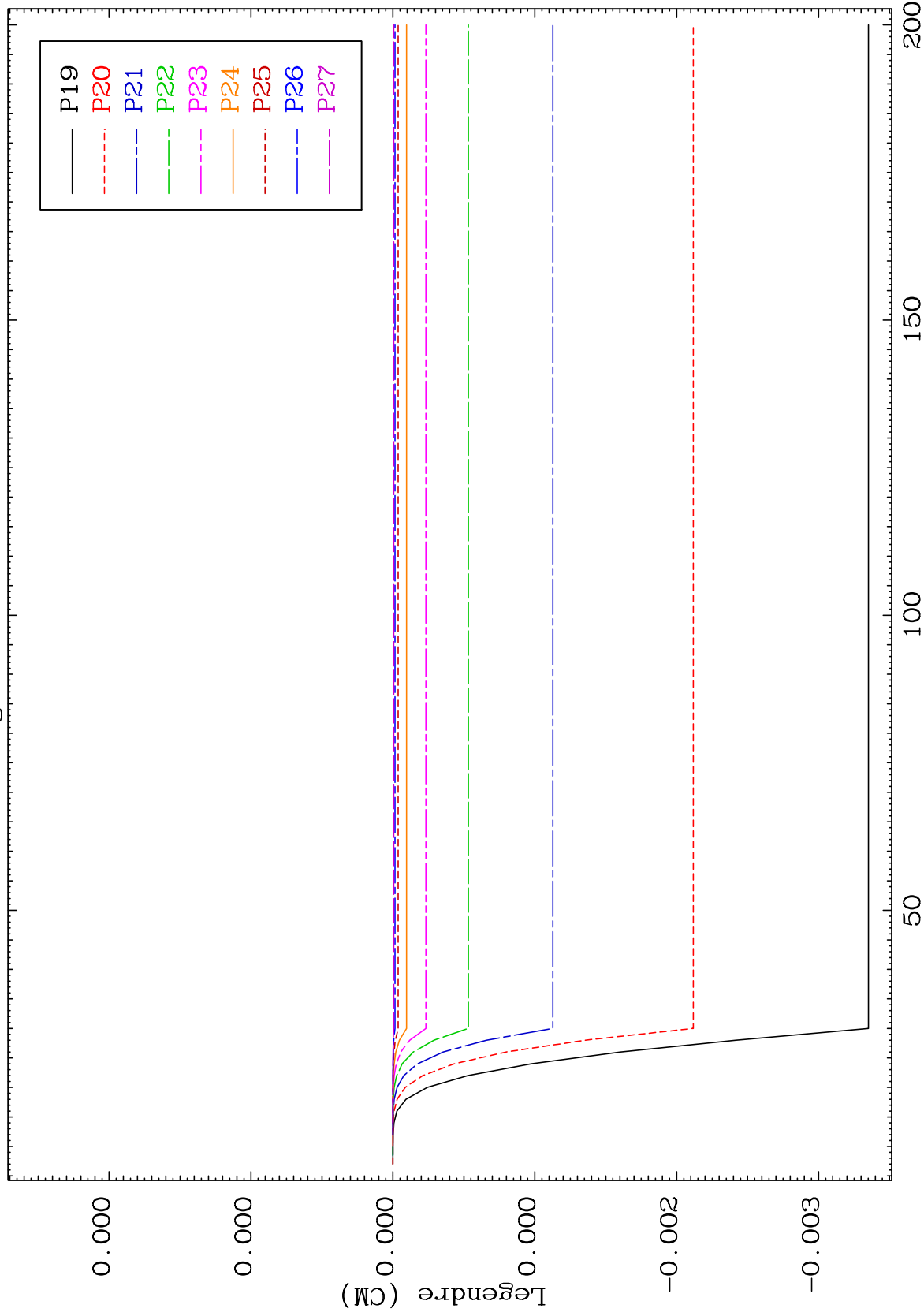




MAT 4864

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

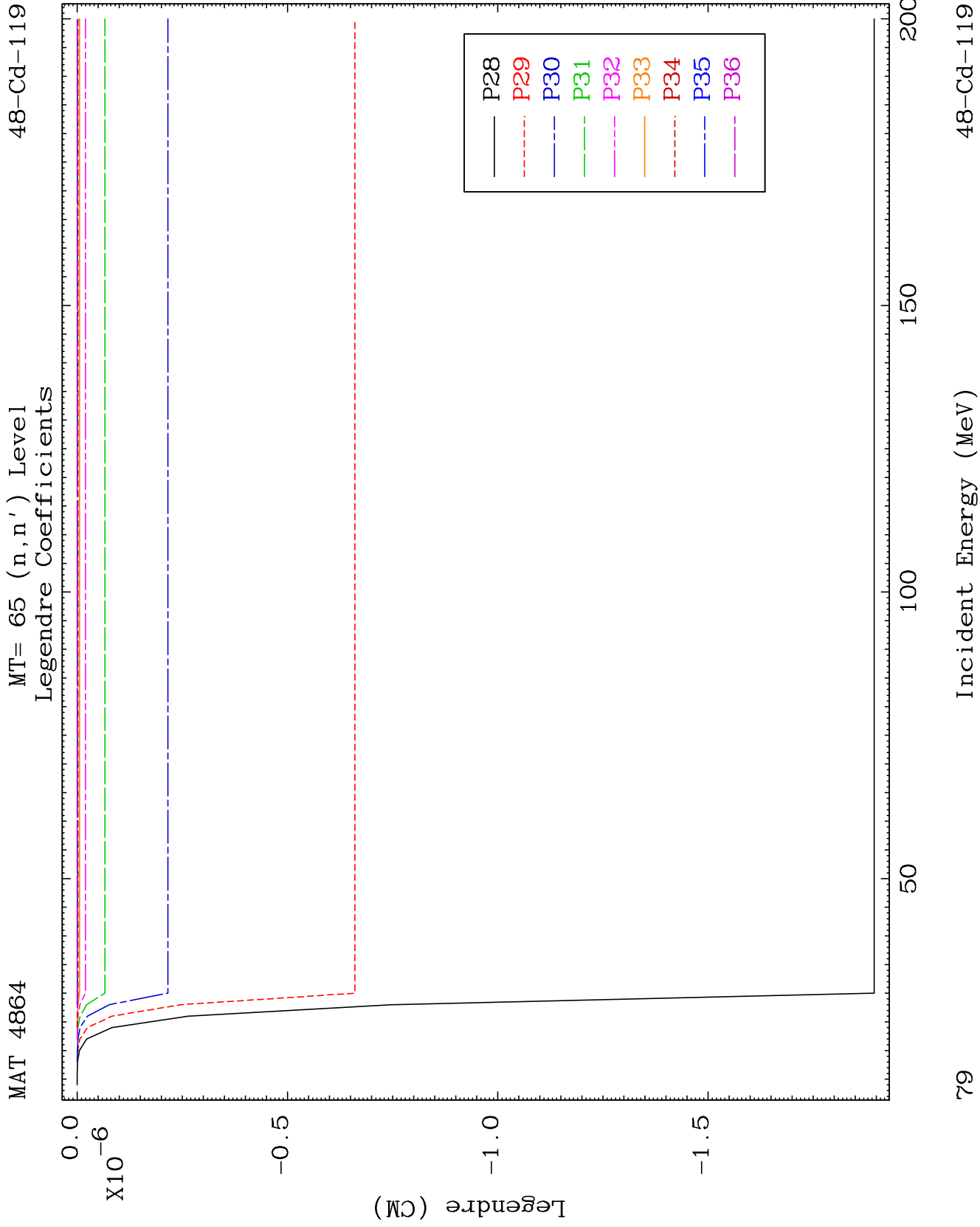
48-Cd-119



78

Incident Energy (MeV)

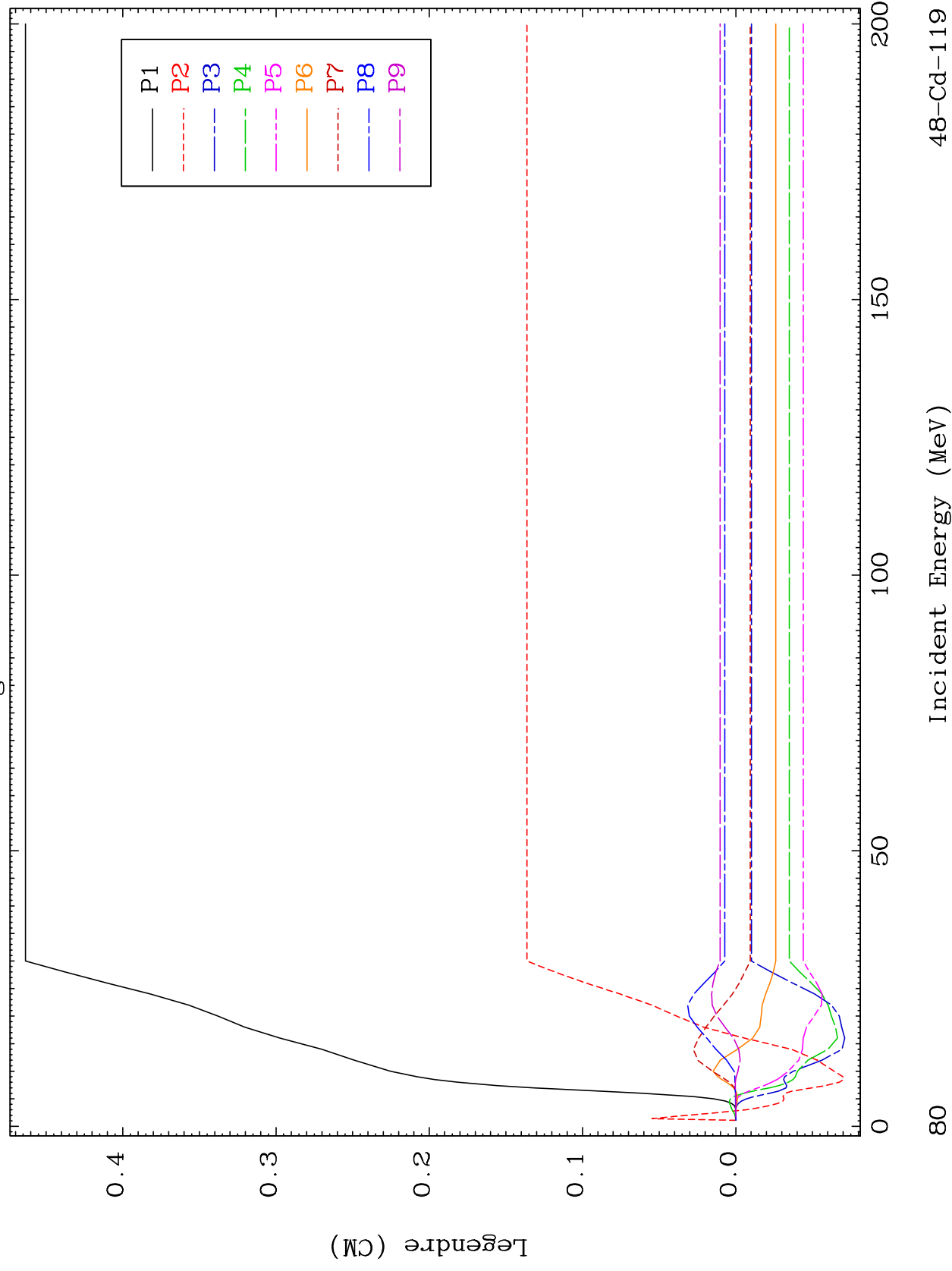
48-Cd-119

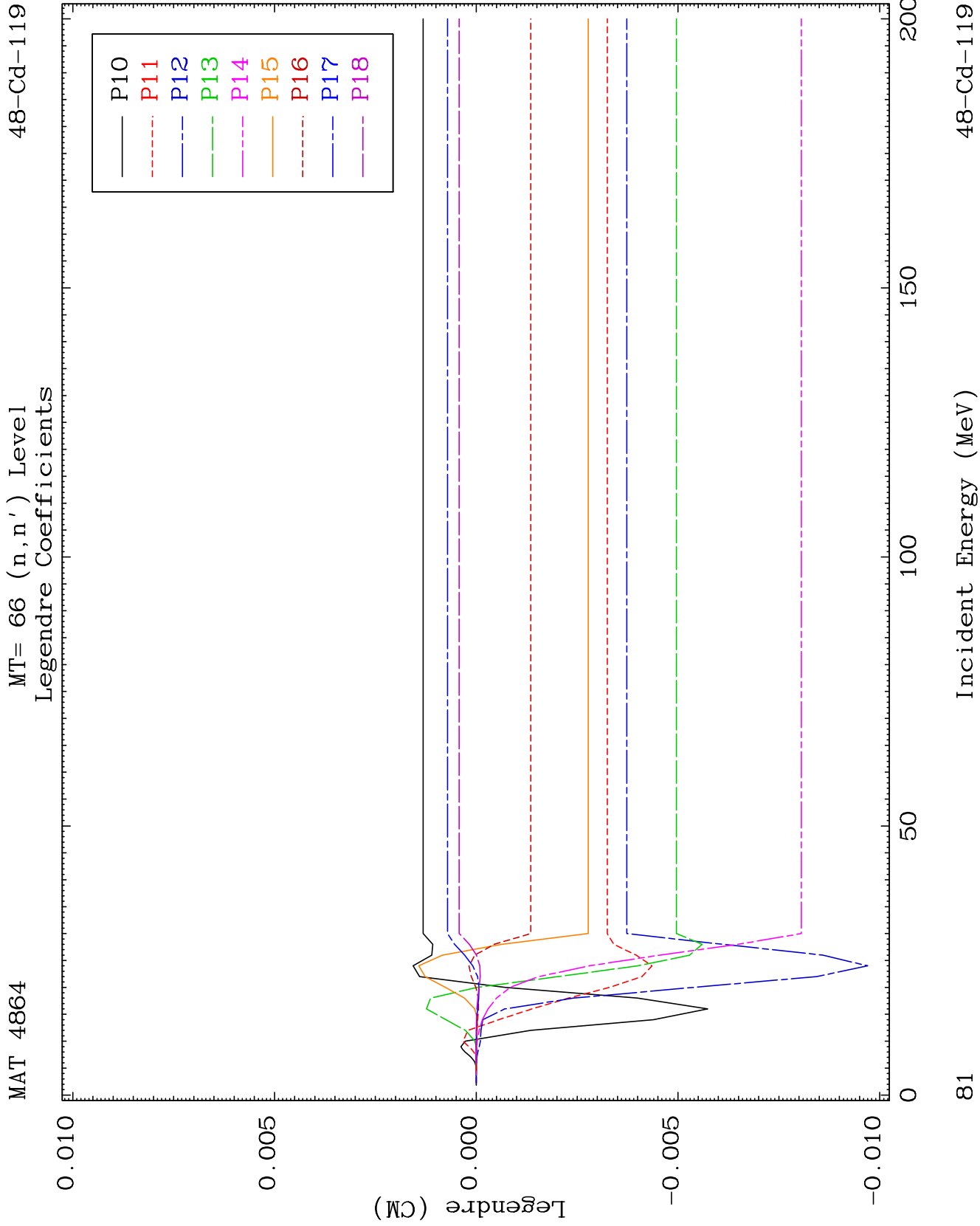


MAT 4864

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

48-Cd-119

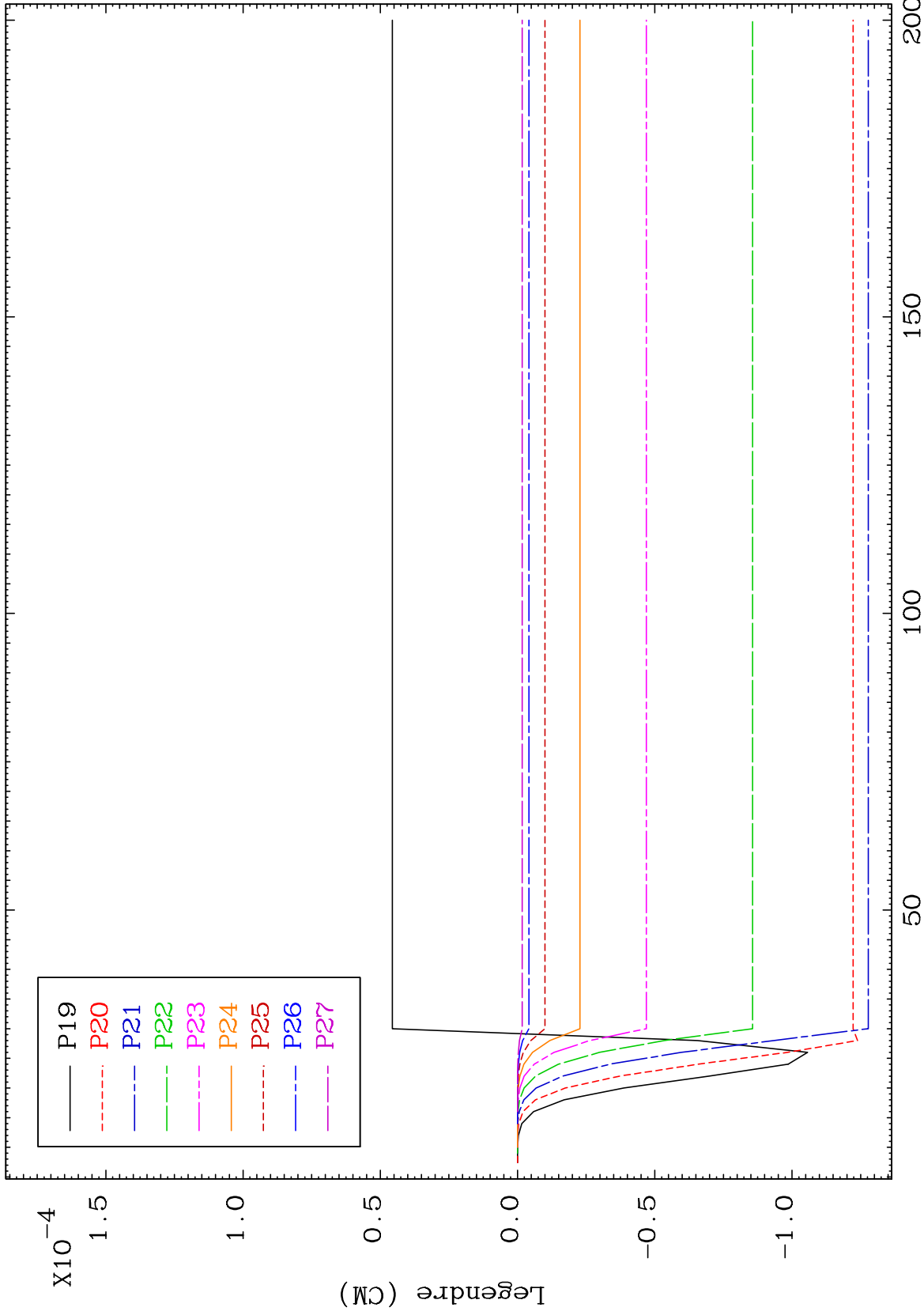




MAT 4864

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

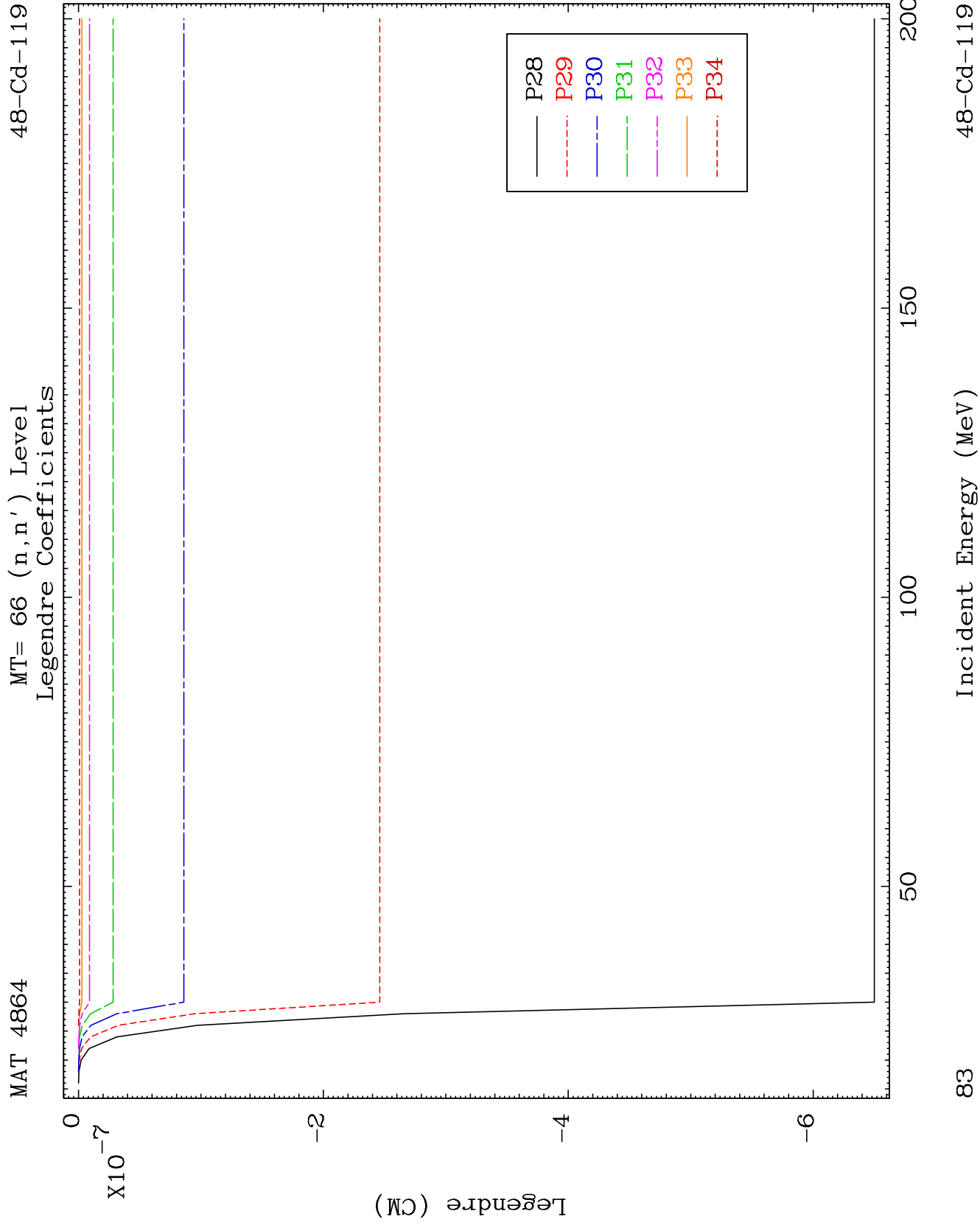
48-Cd-119

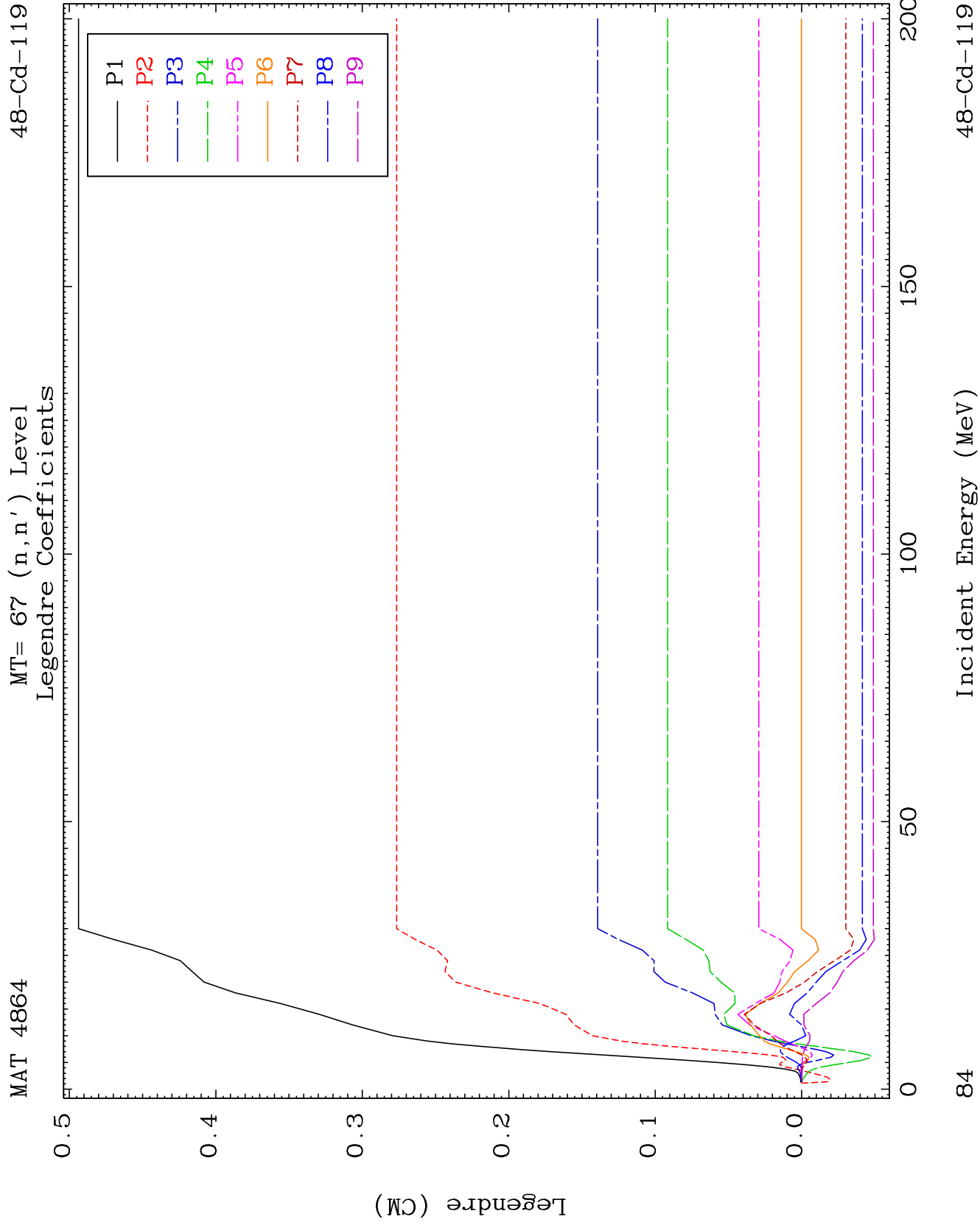


82

Incident Energy (MeV)

48-Cd-119

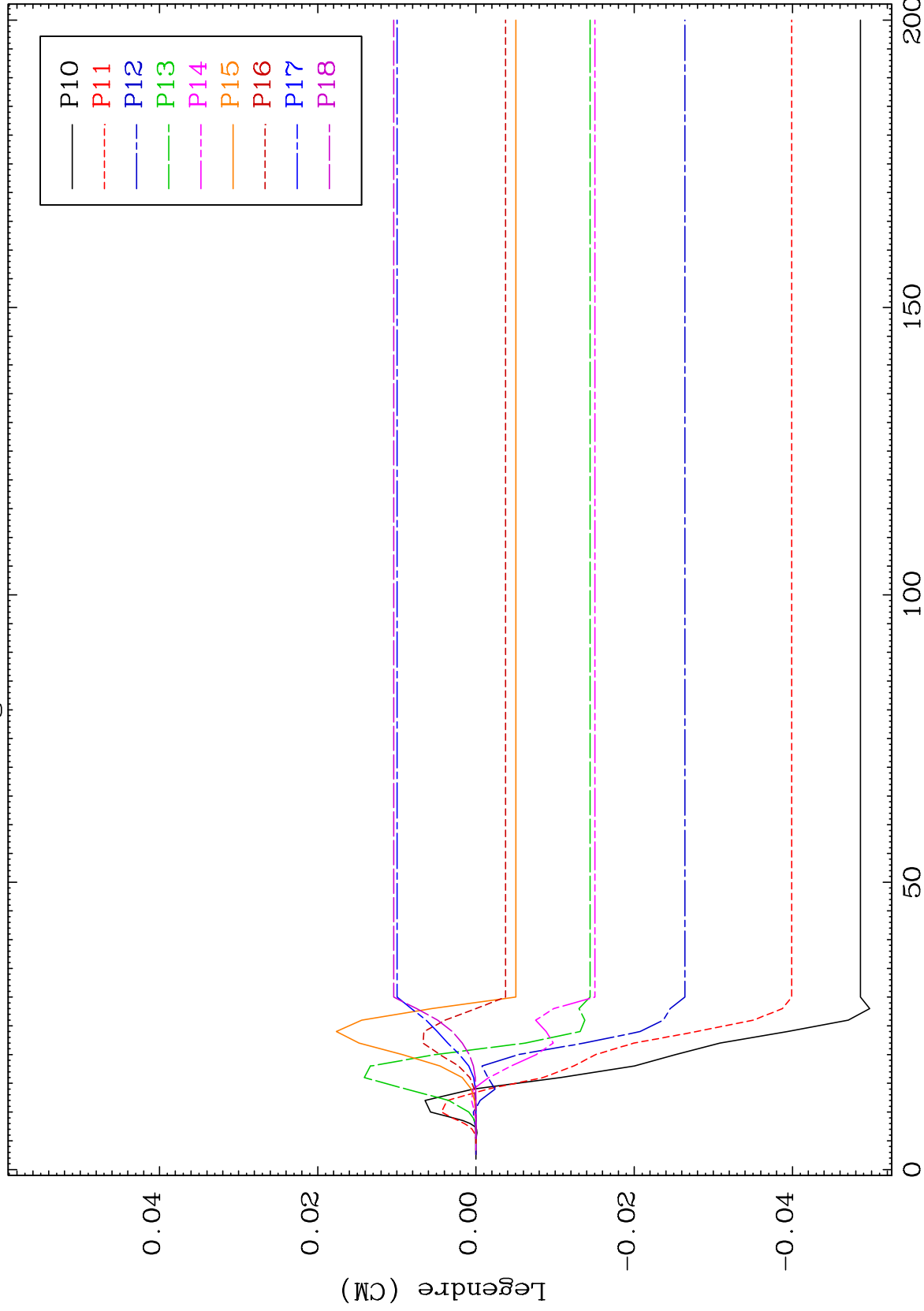




MAT 4864

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

48-Cd-119



85

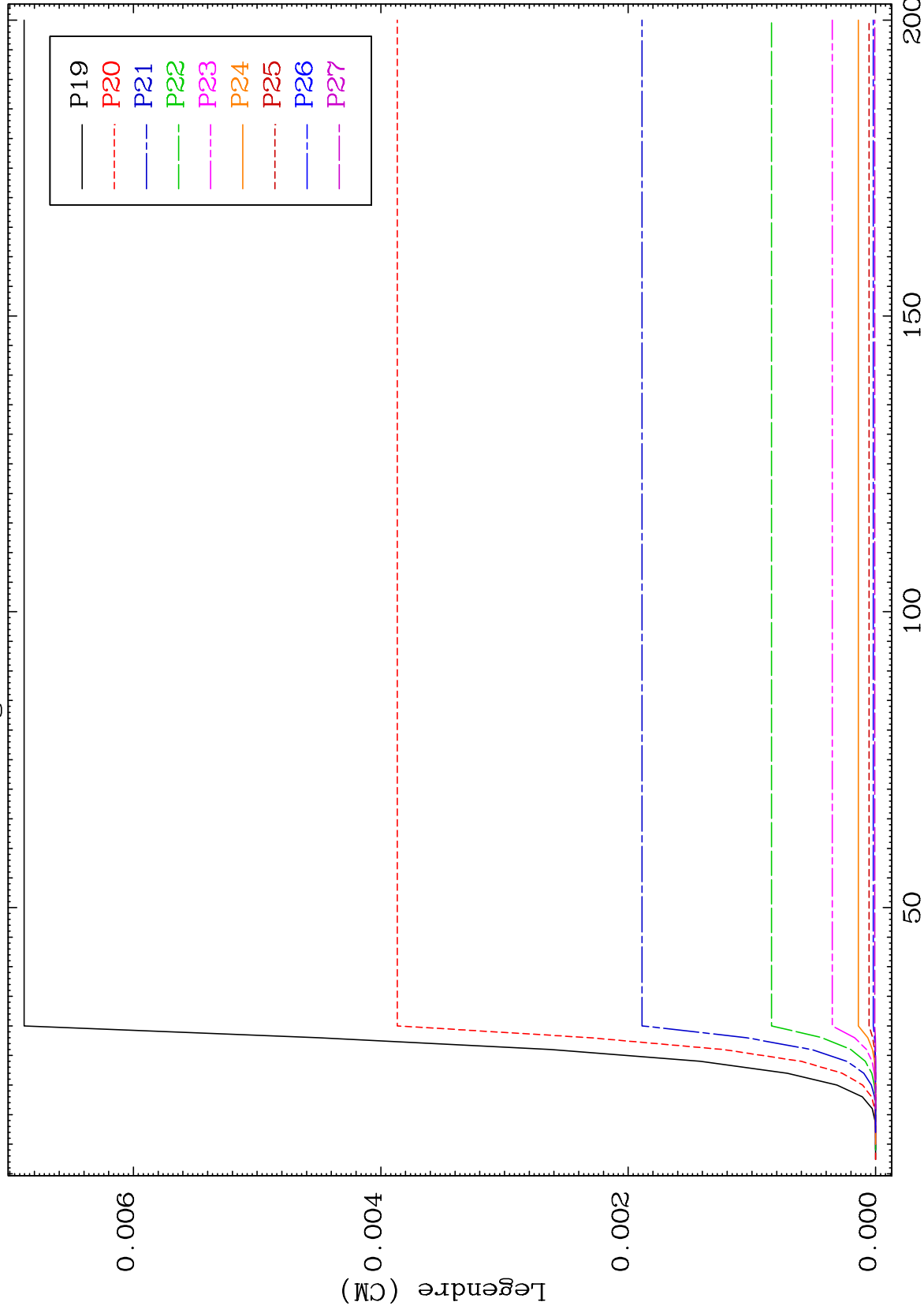
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



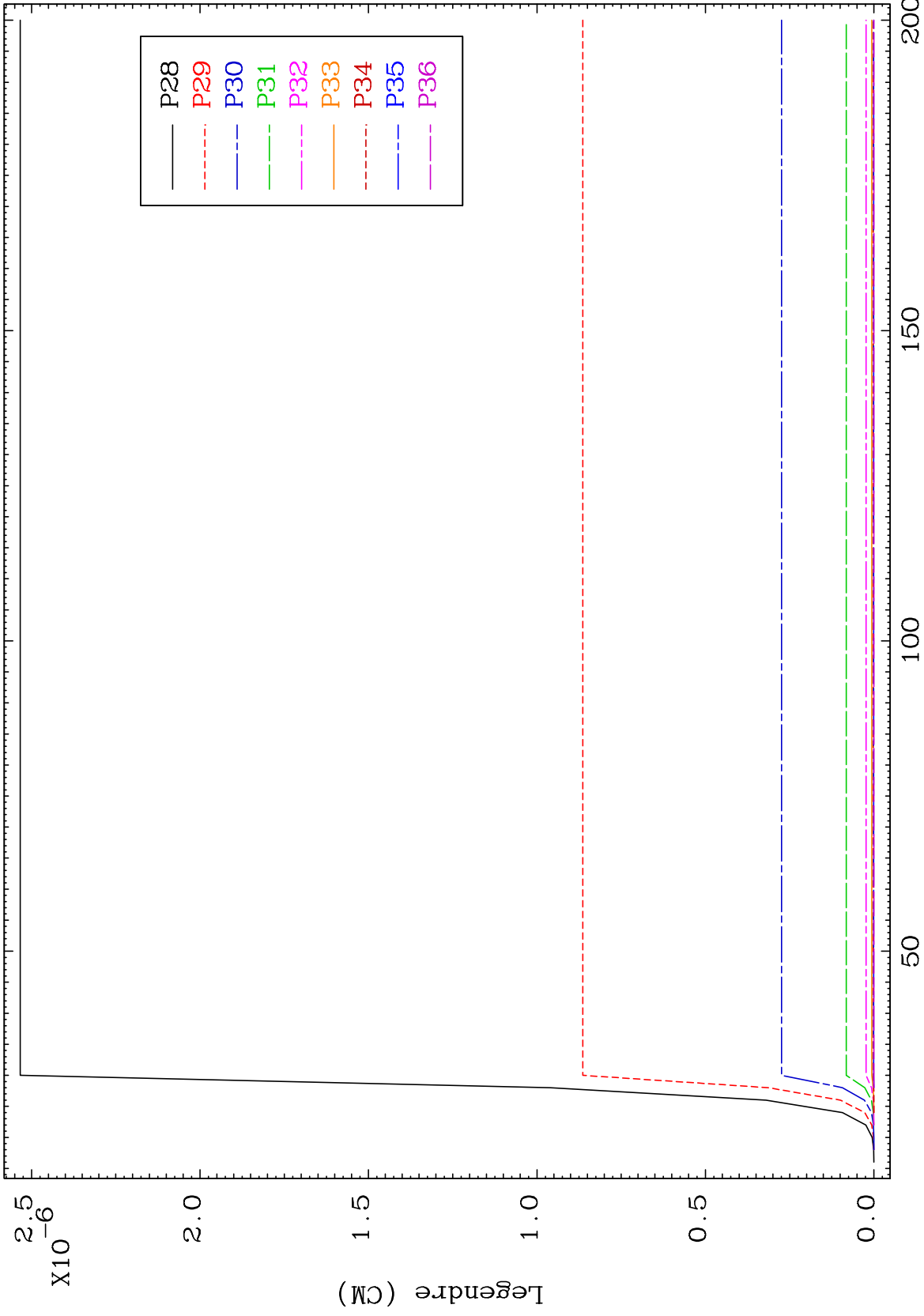
86

48-Cd-119

MAT 4864

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

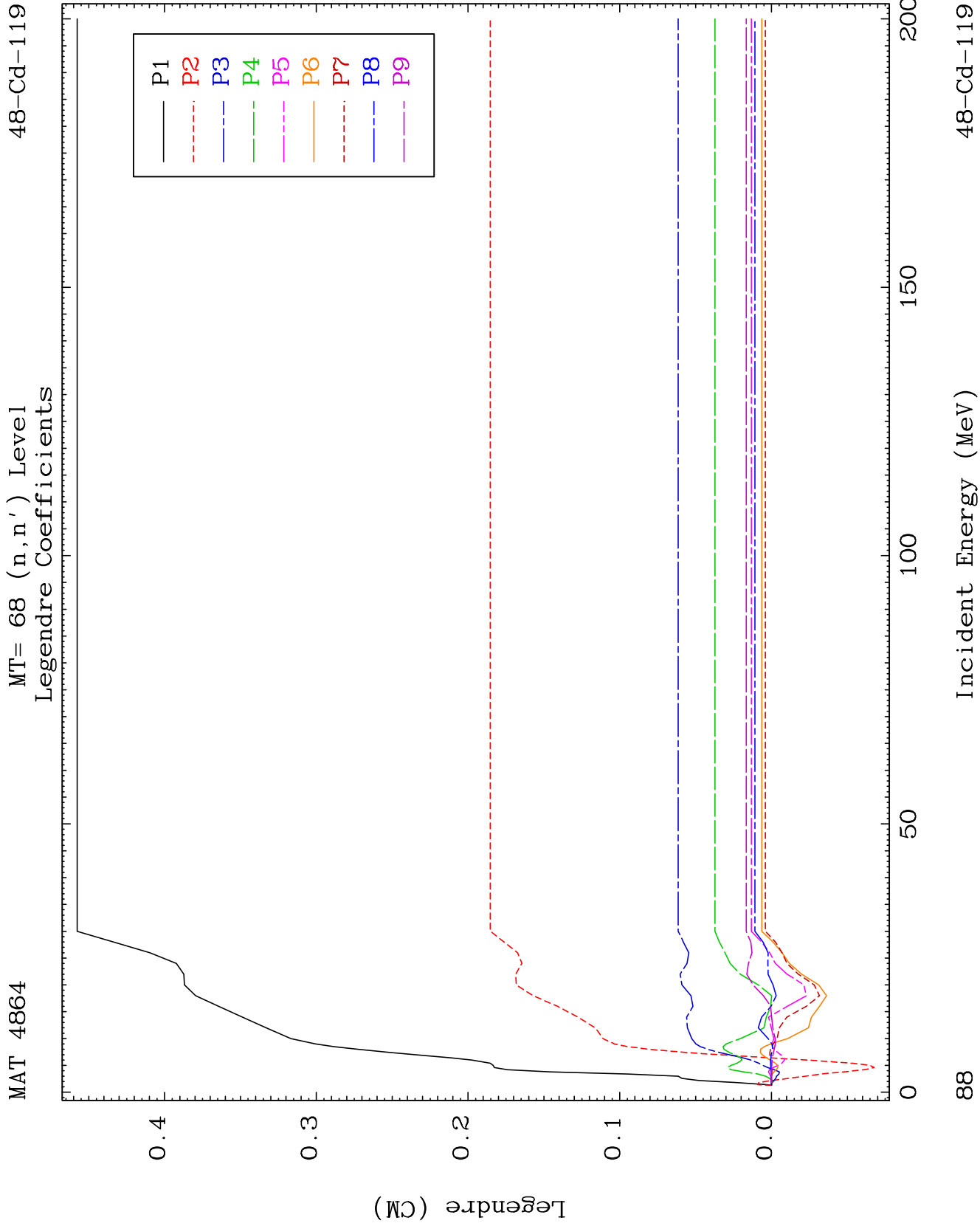
48-Cd-119



87

Incident Energy (MeV)

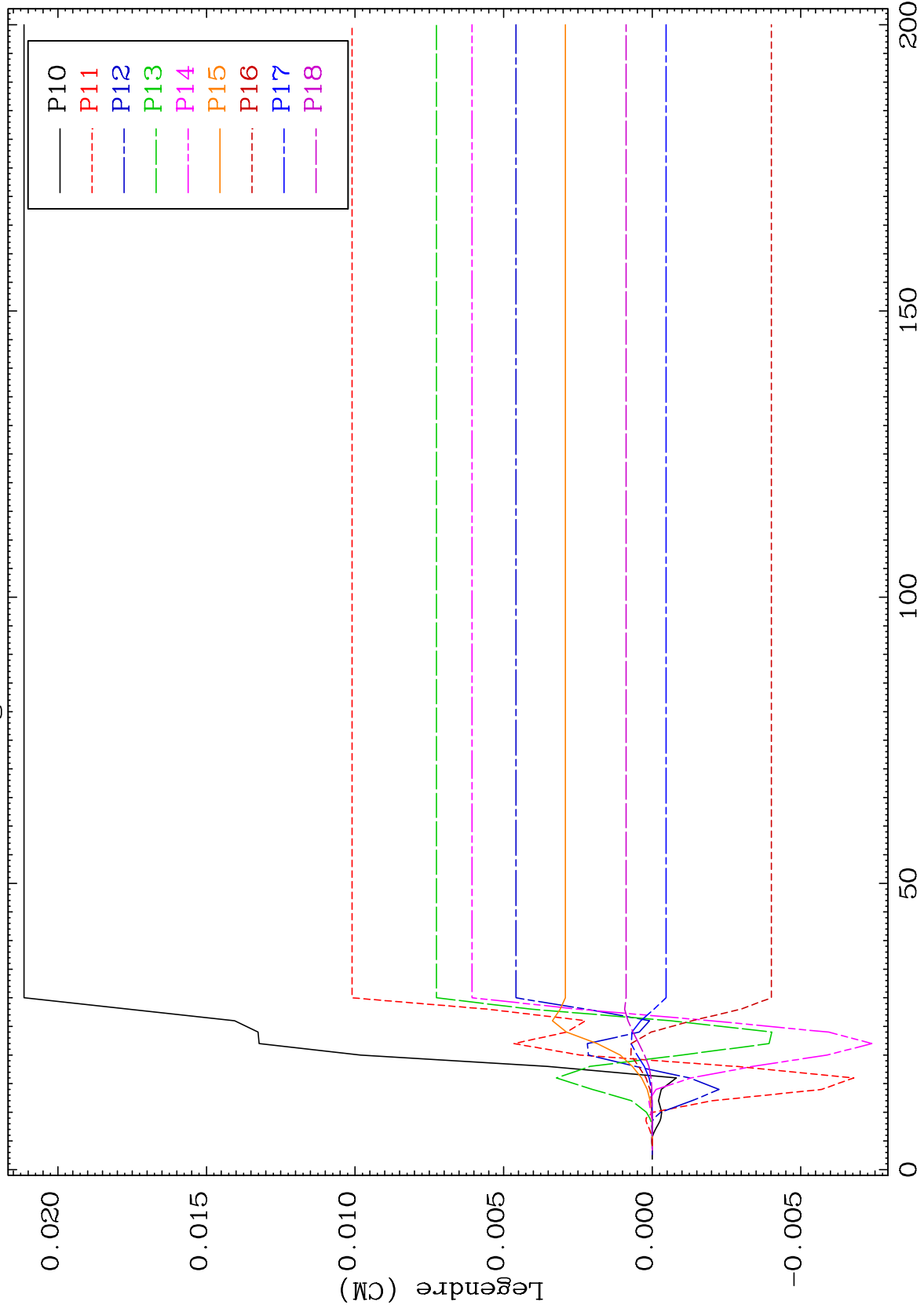
48-Cd-119



MAT 4864

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

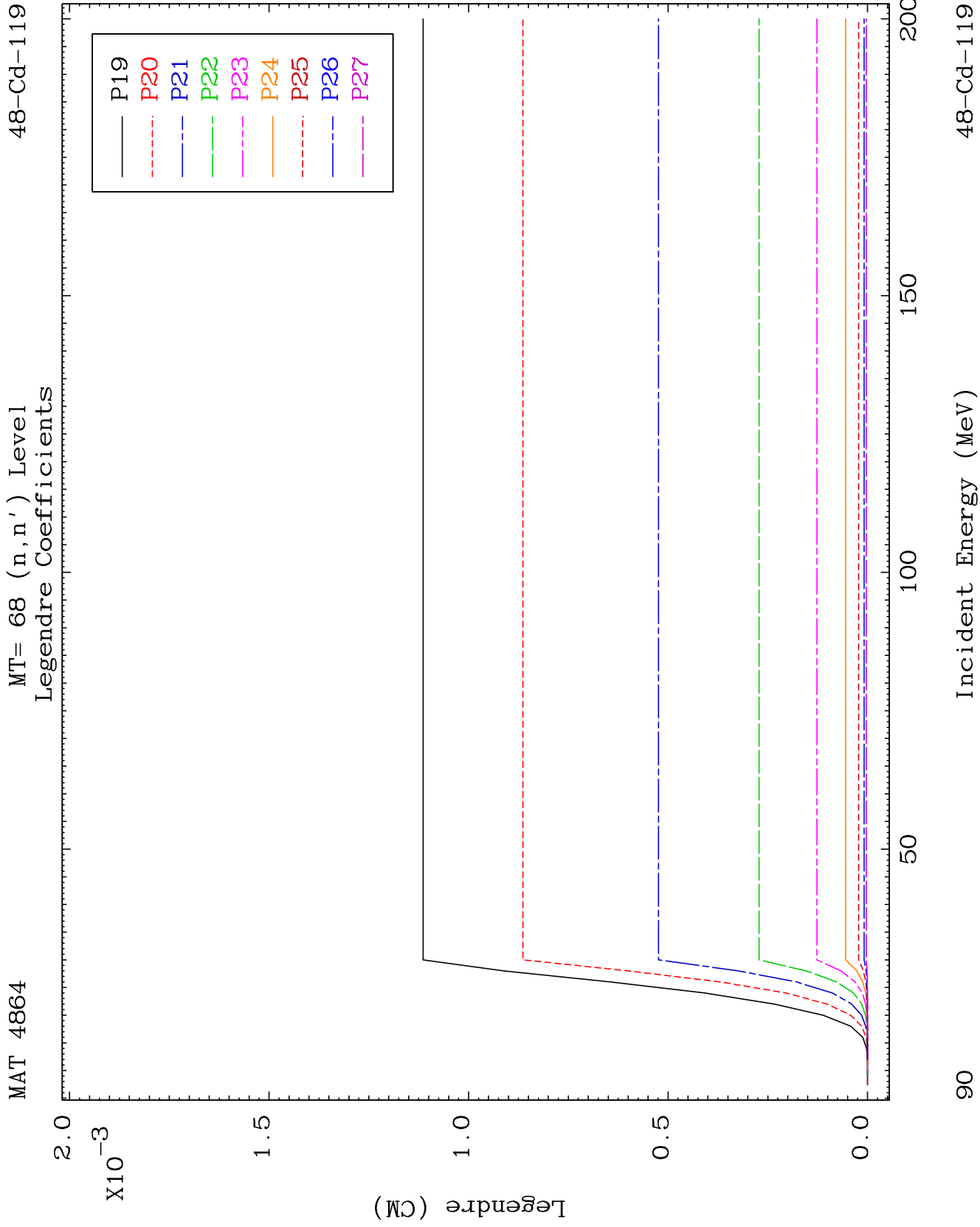
48-Cd-119



89

Incident Energy (MeV)

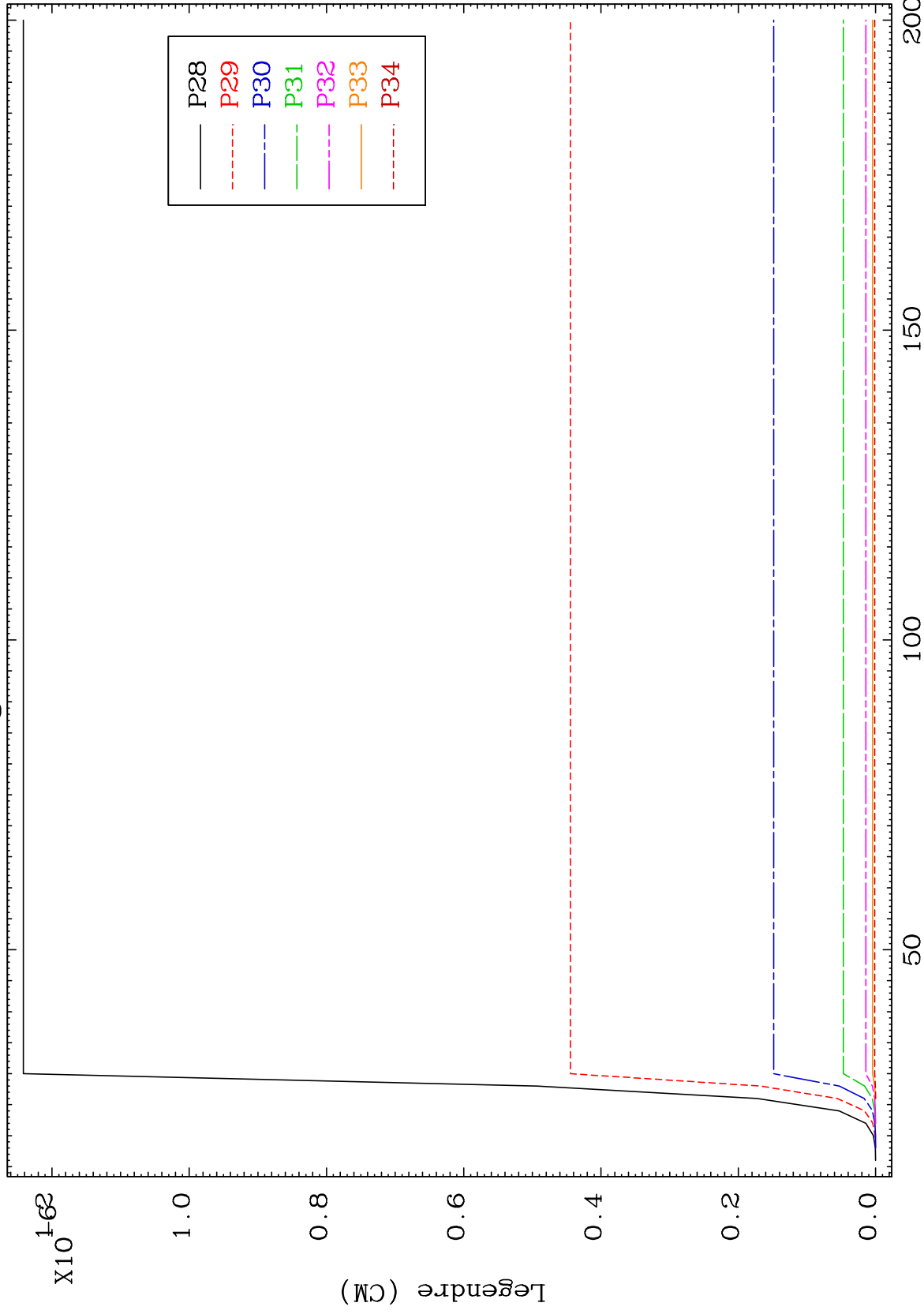
48-Cd-119



MAT 4864

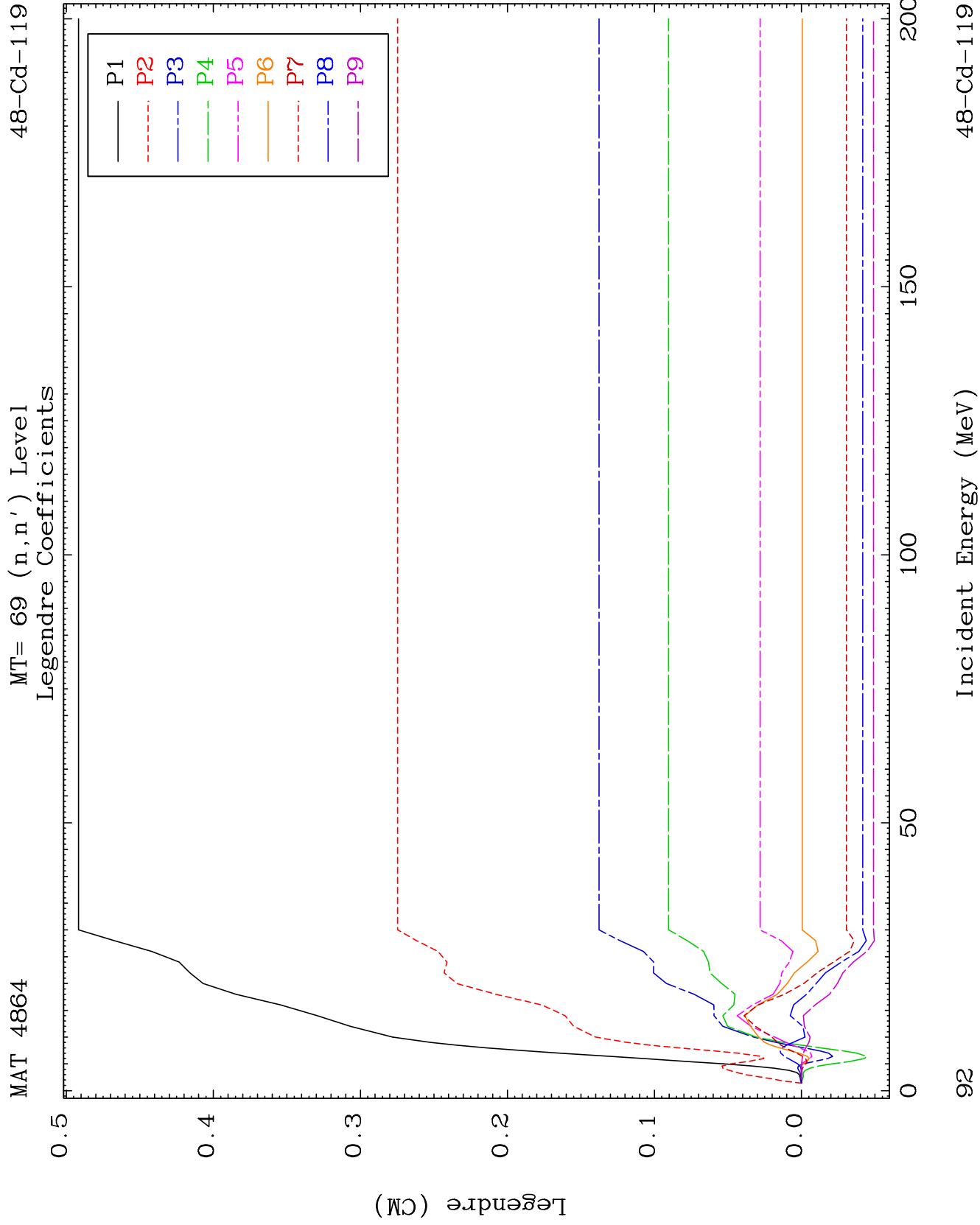
MT= 68 (n,n') Level
Legendre Coefficients

48-Cd-119



91

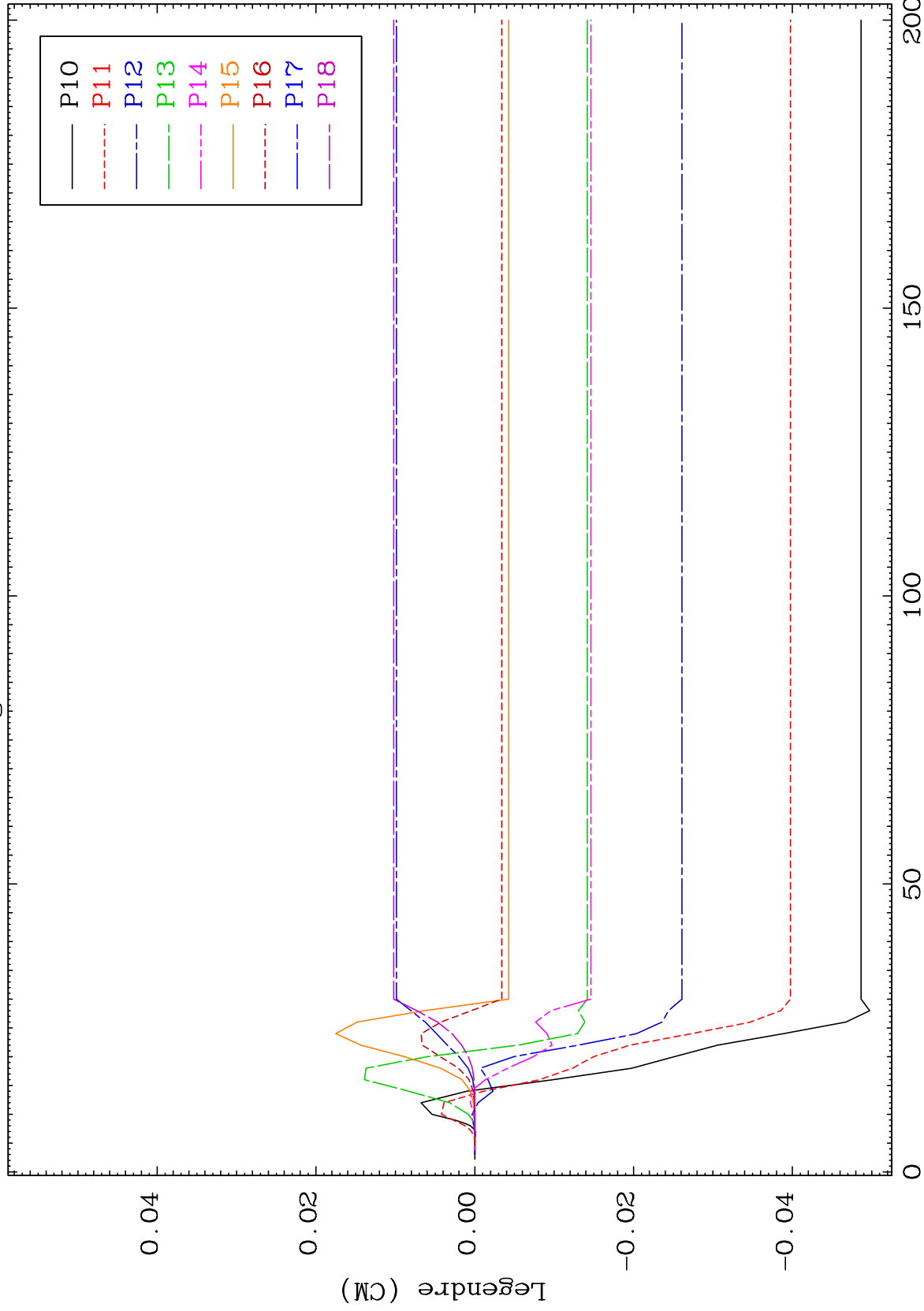
48-Cd-119



MAT 4864

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

48-Cd-119



93

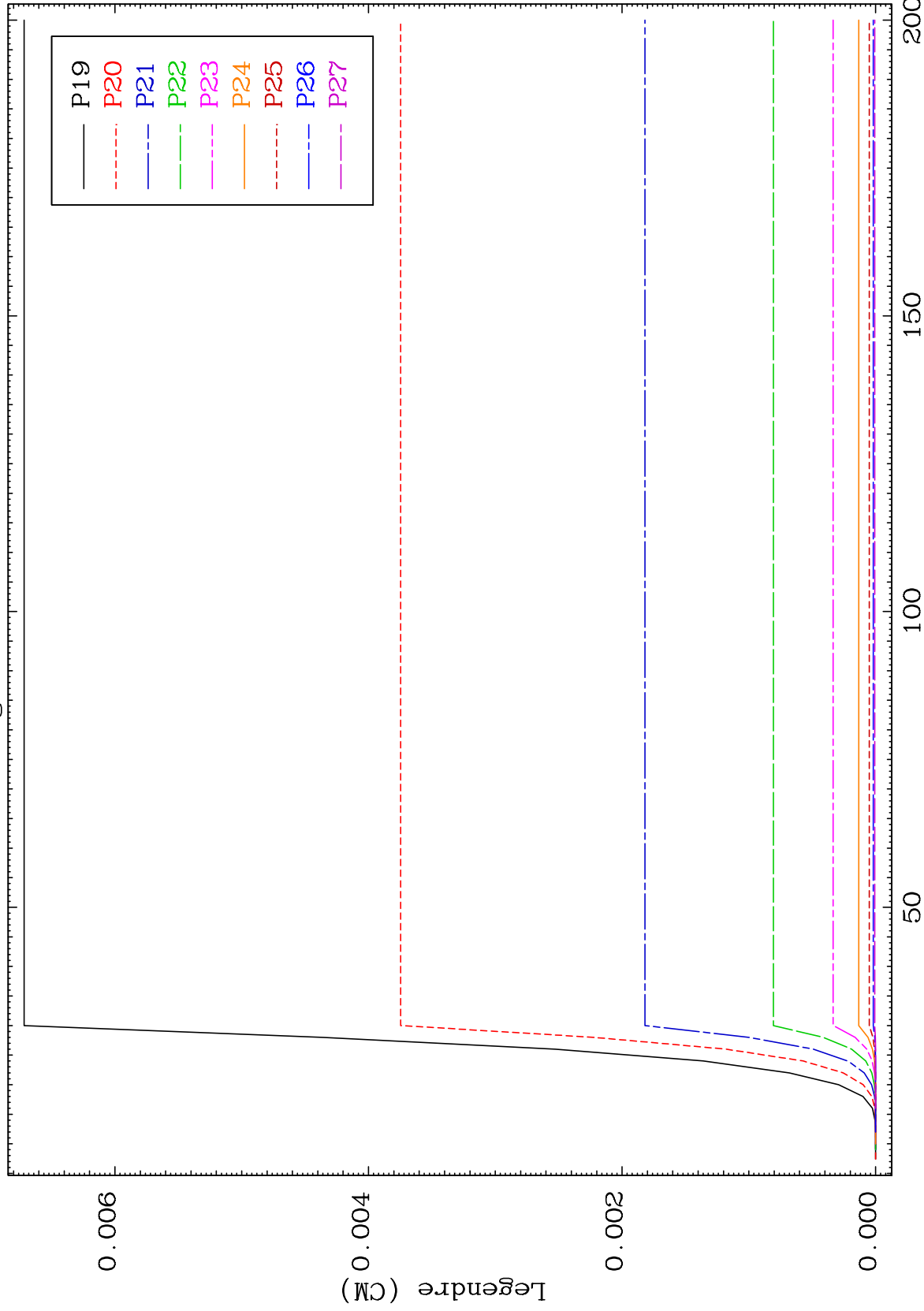
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



94

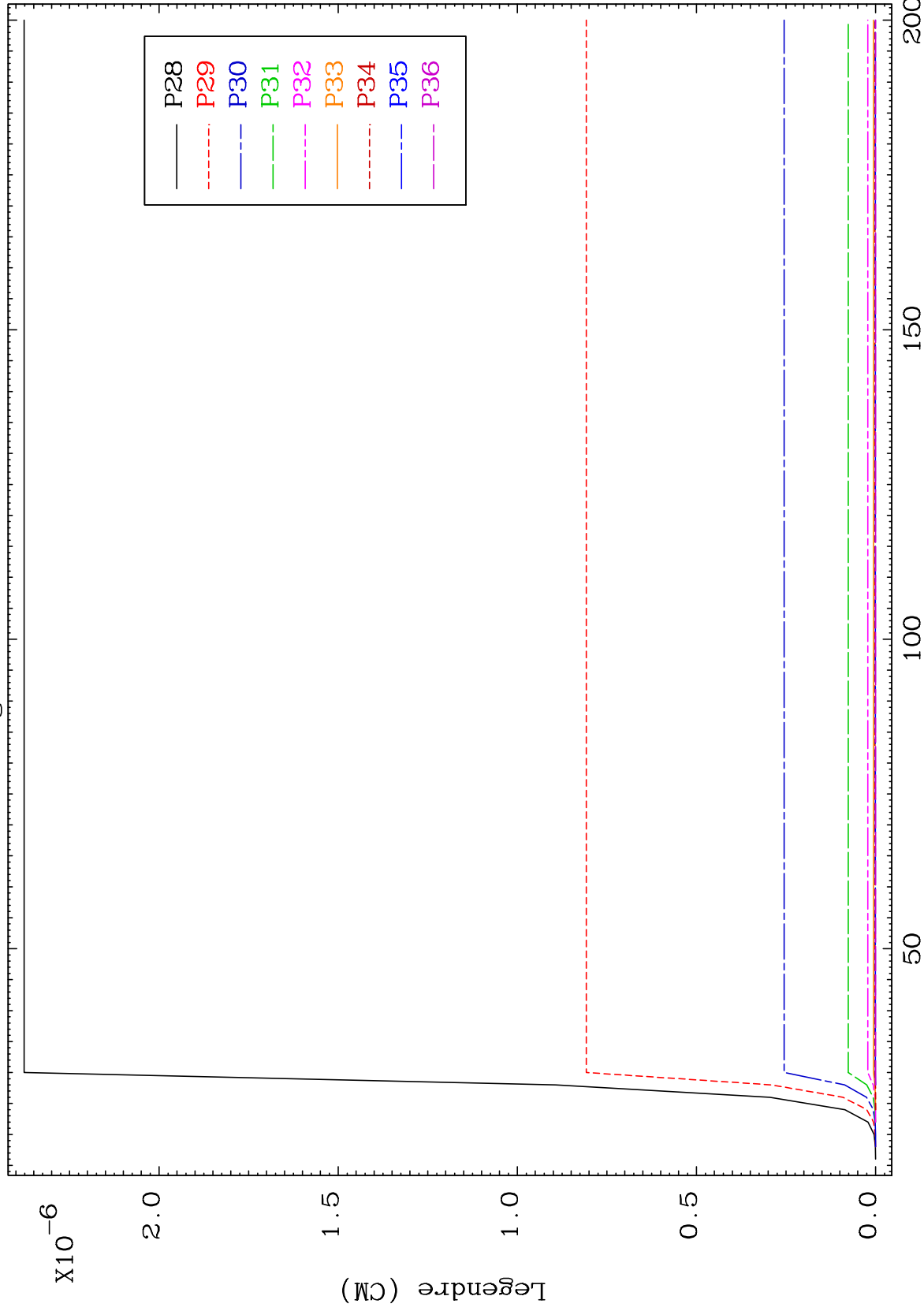
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



95

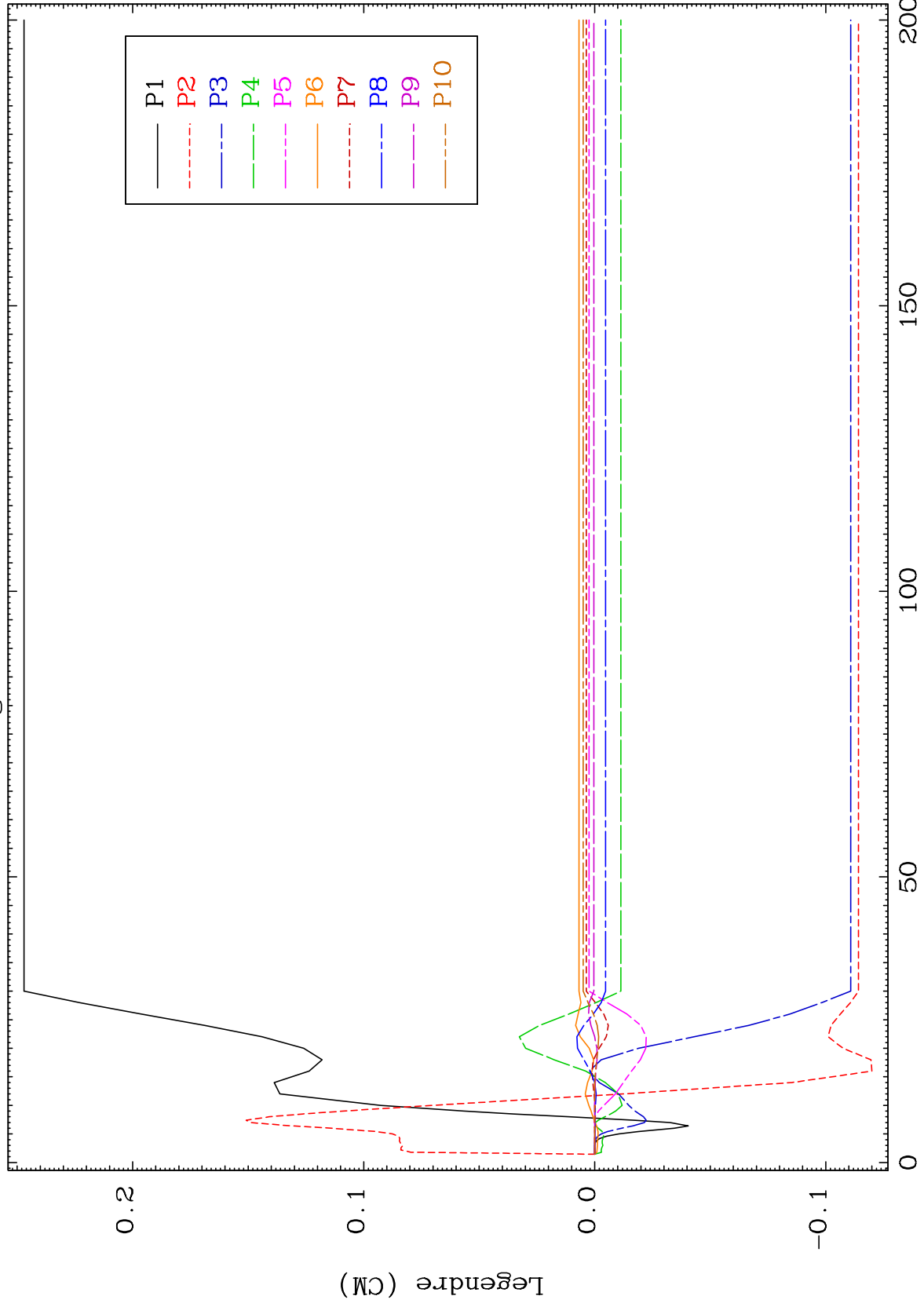
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

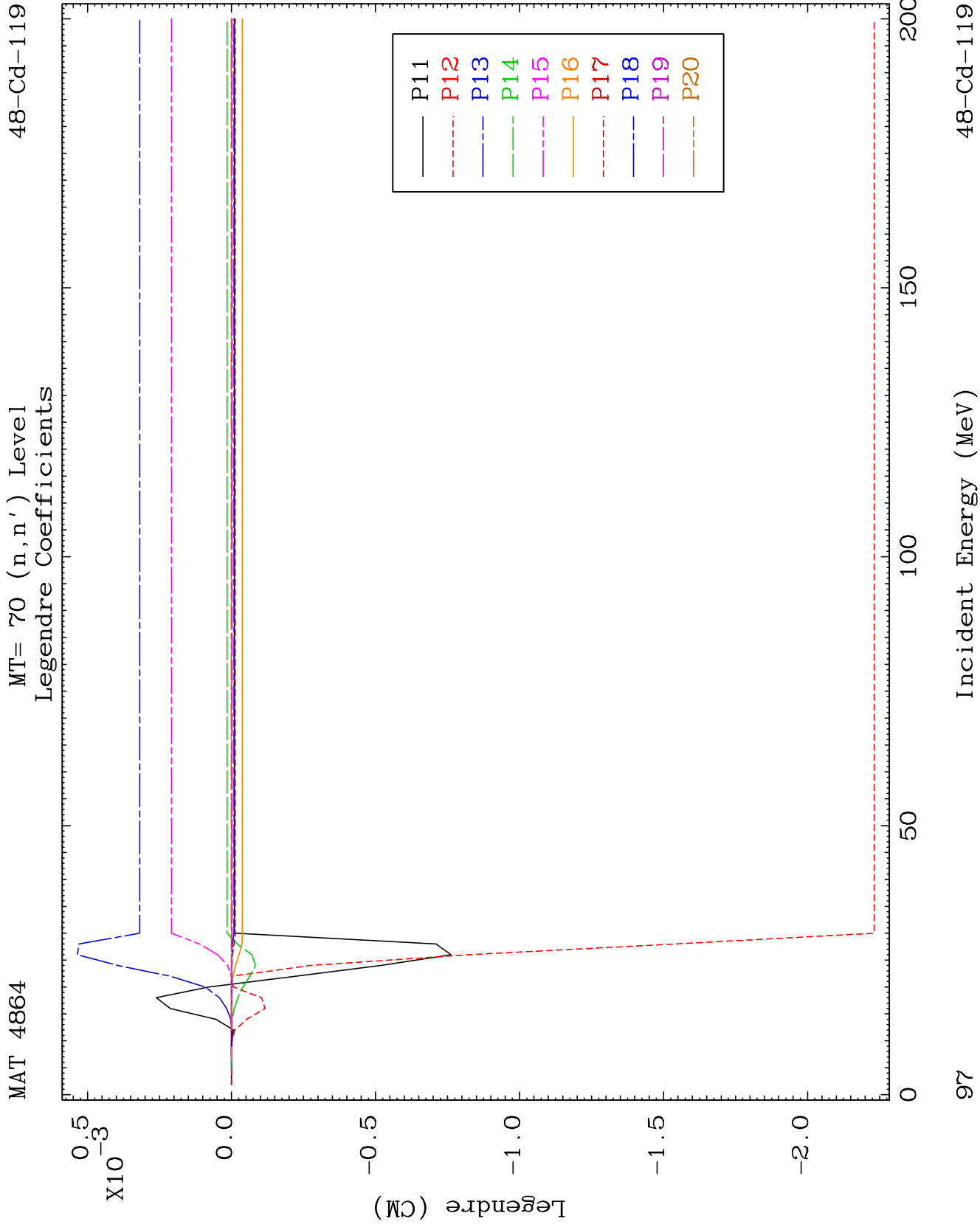
48-Cd-119



96

Incident Energy (MeV)

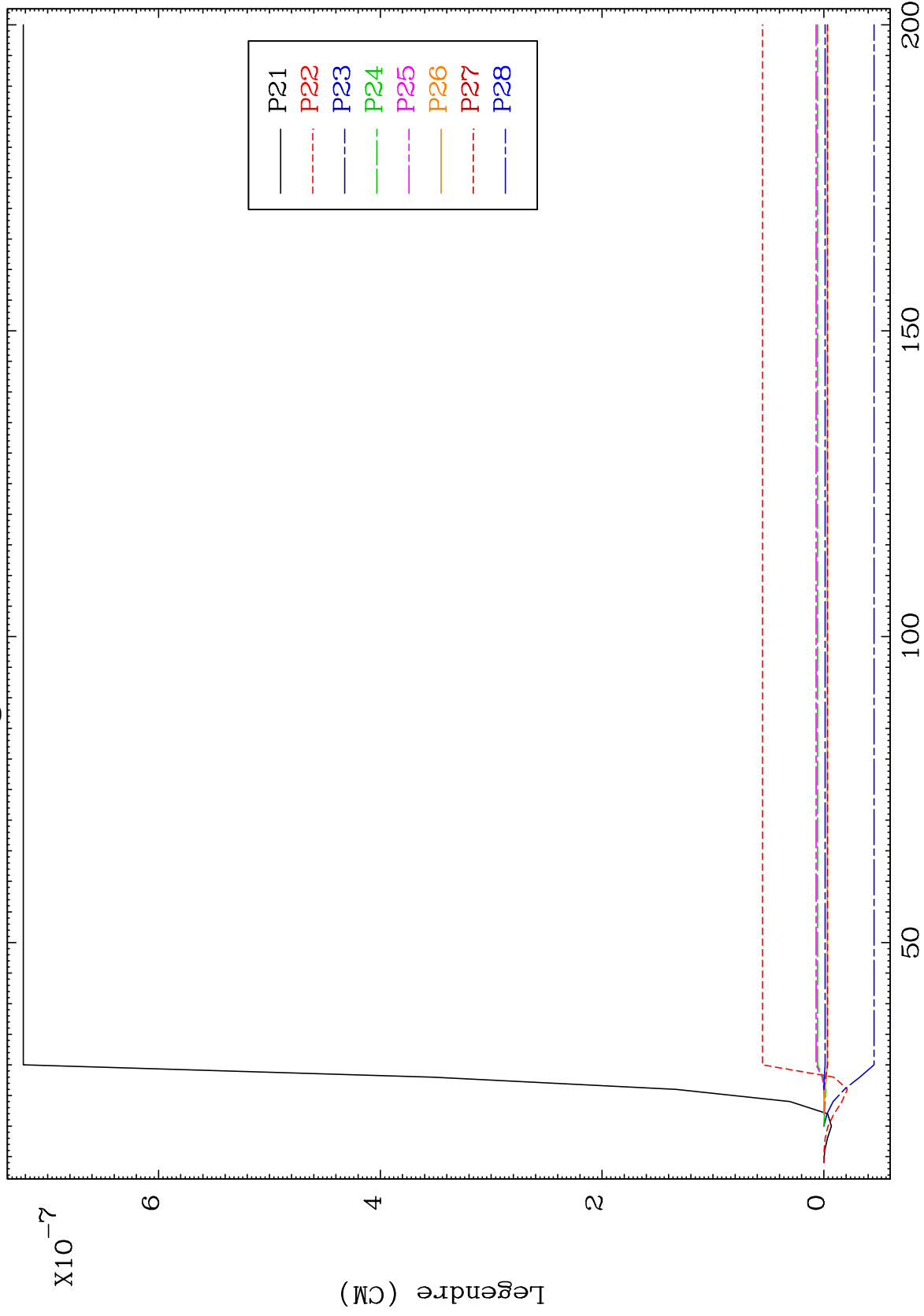
48-Cd-119



MAT 4864

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

48-Cd-119



98

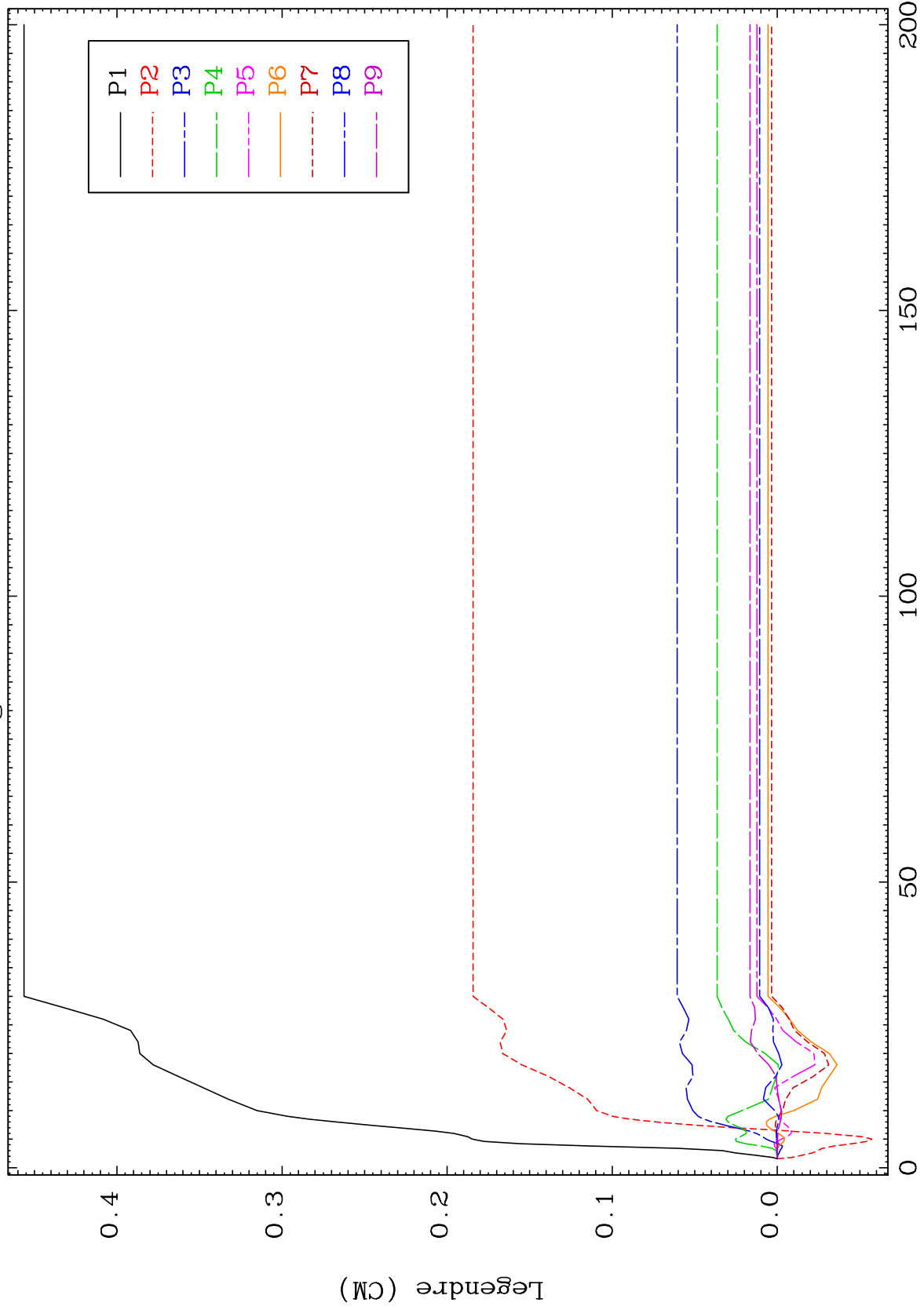
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



99

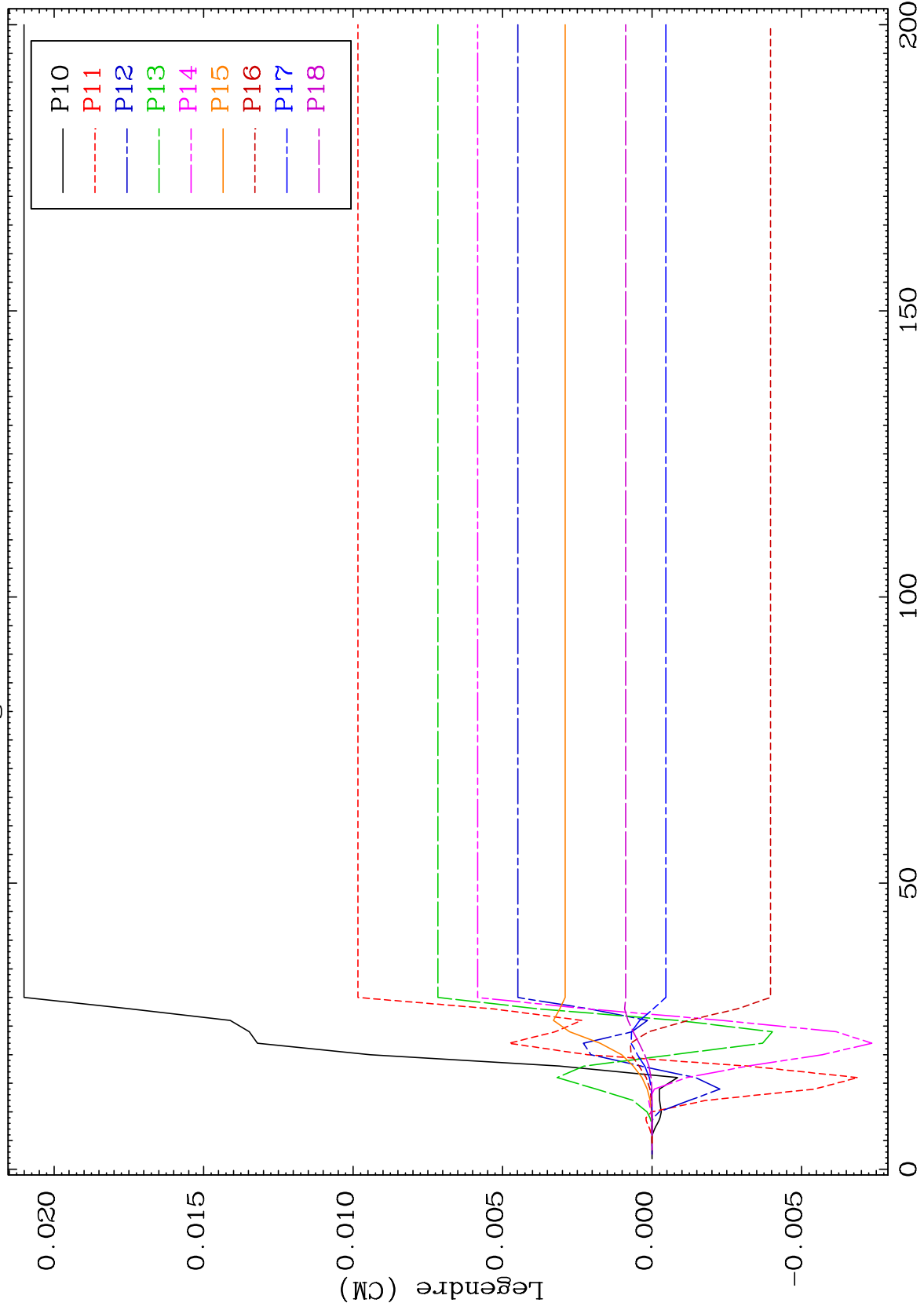
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119



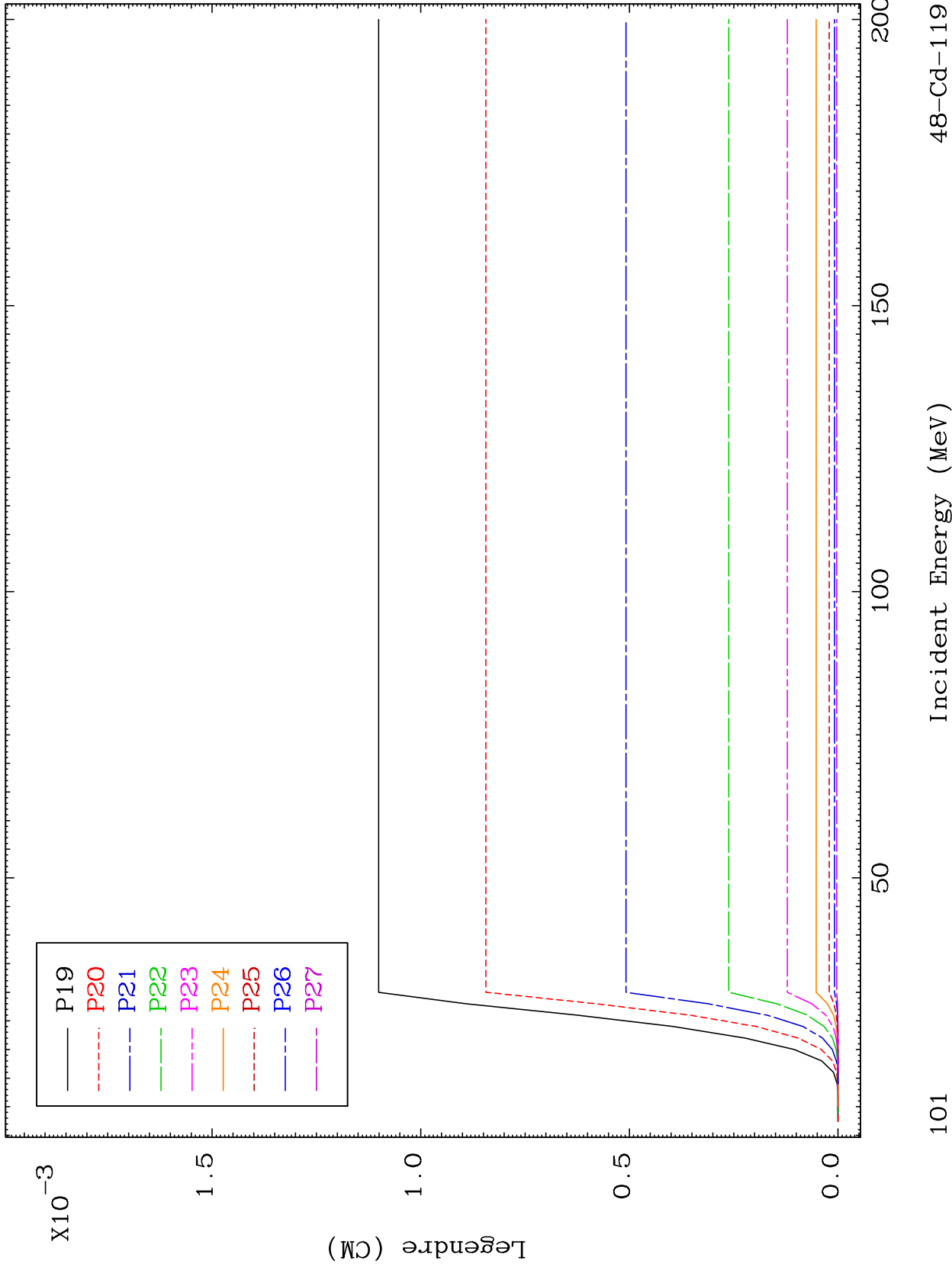
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

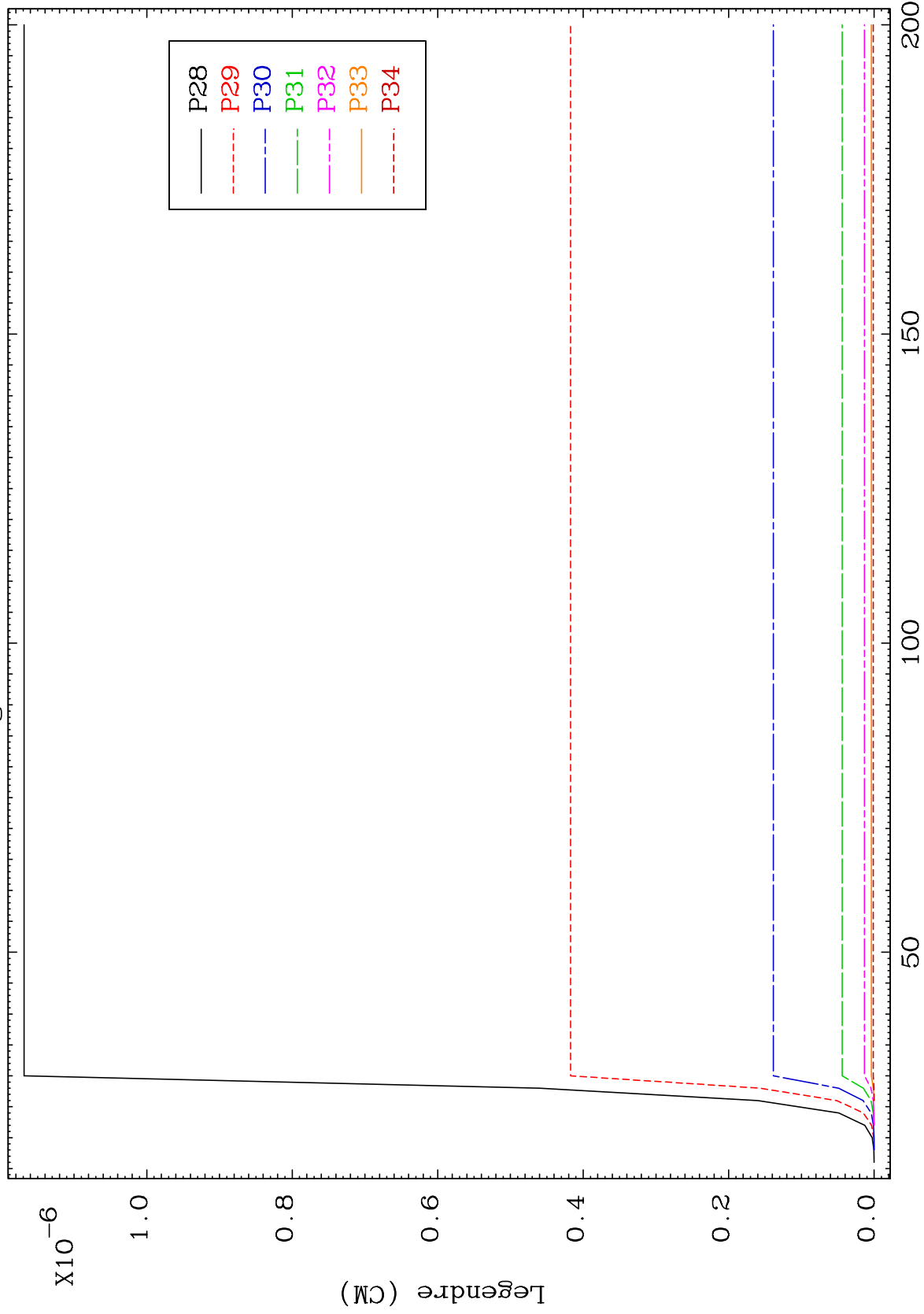
48-Cd-119



MAT 4864

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

48-Cd-119

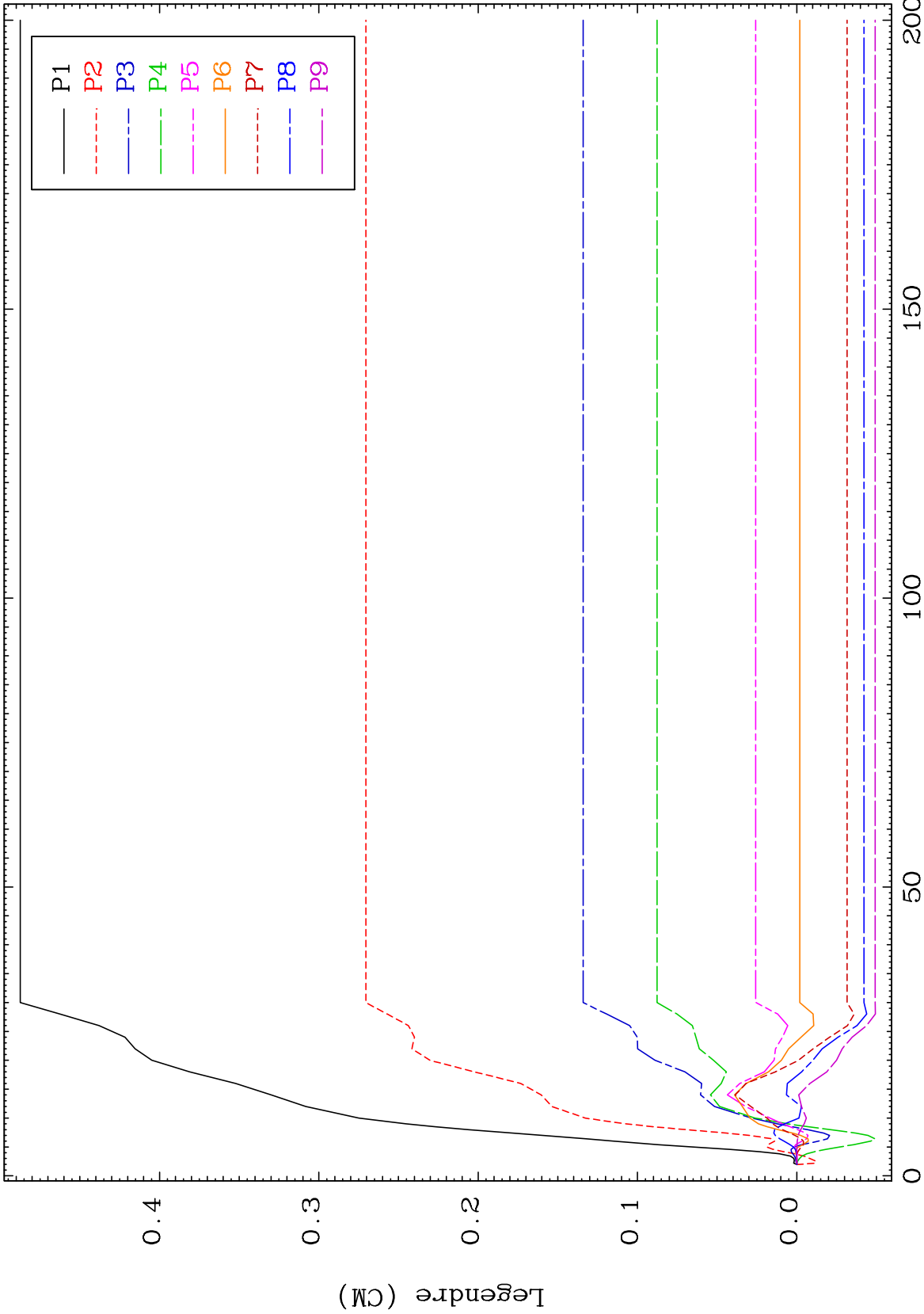


102

Incident Energy (MeV)

48-Cd-119

MAT 4864 MT= 72 (n,n') Level Legendre Coefficients 48-Cd-119

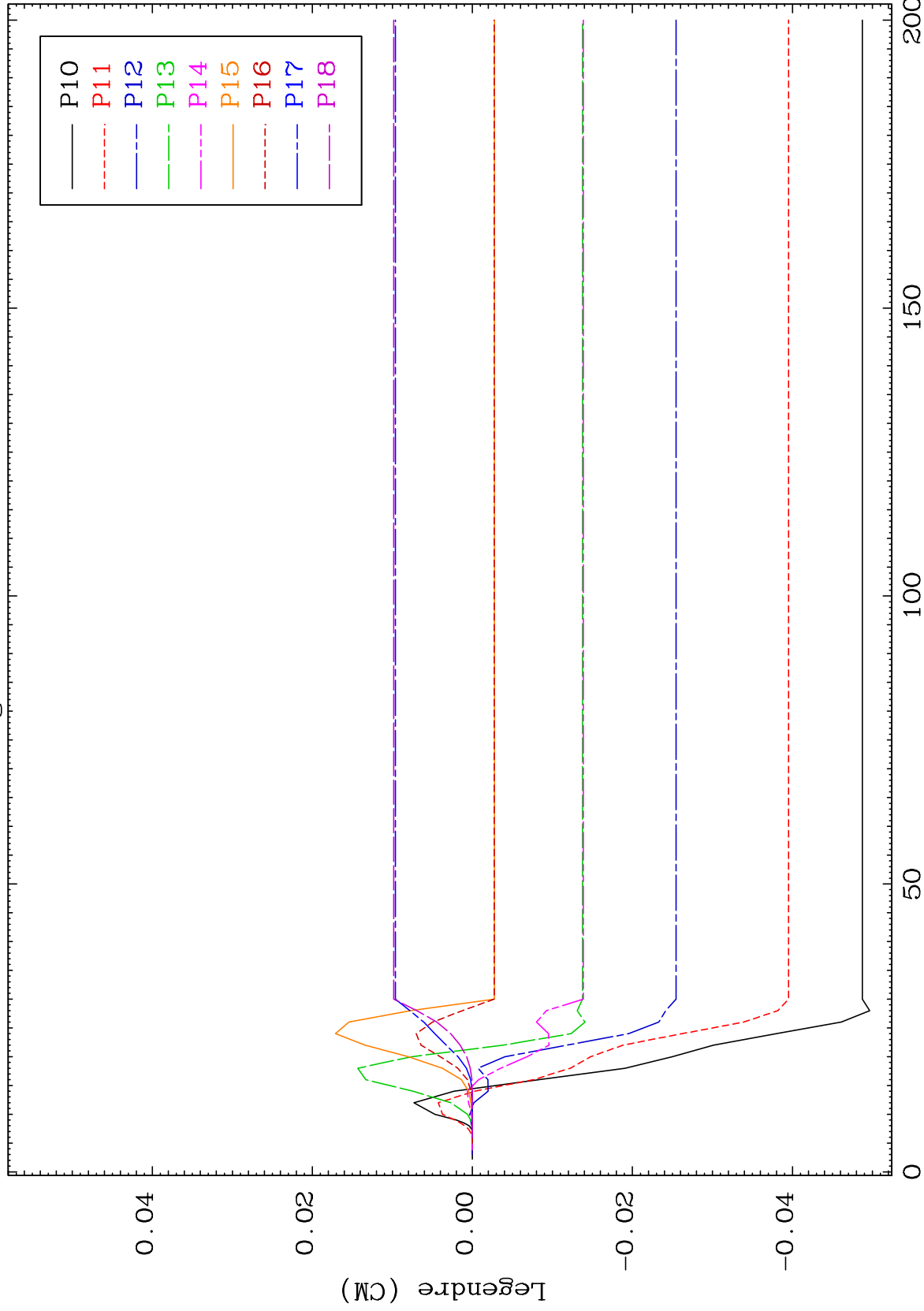


103 50 100 150 200 48-Cd-119

MAT 4864

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

48-Cd-119



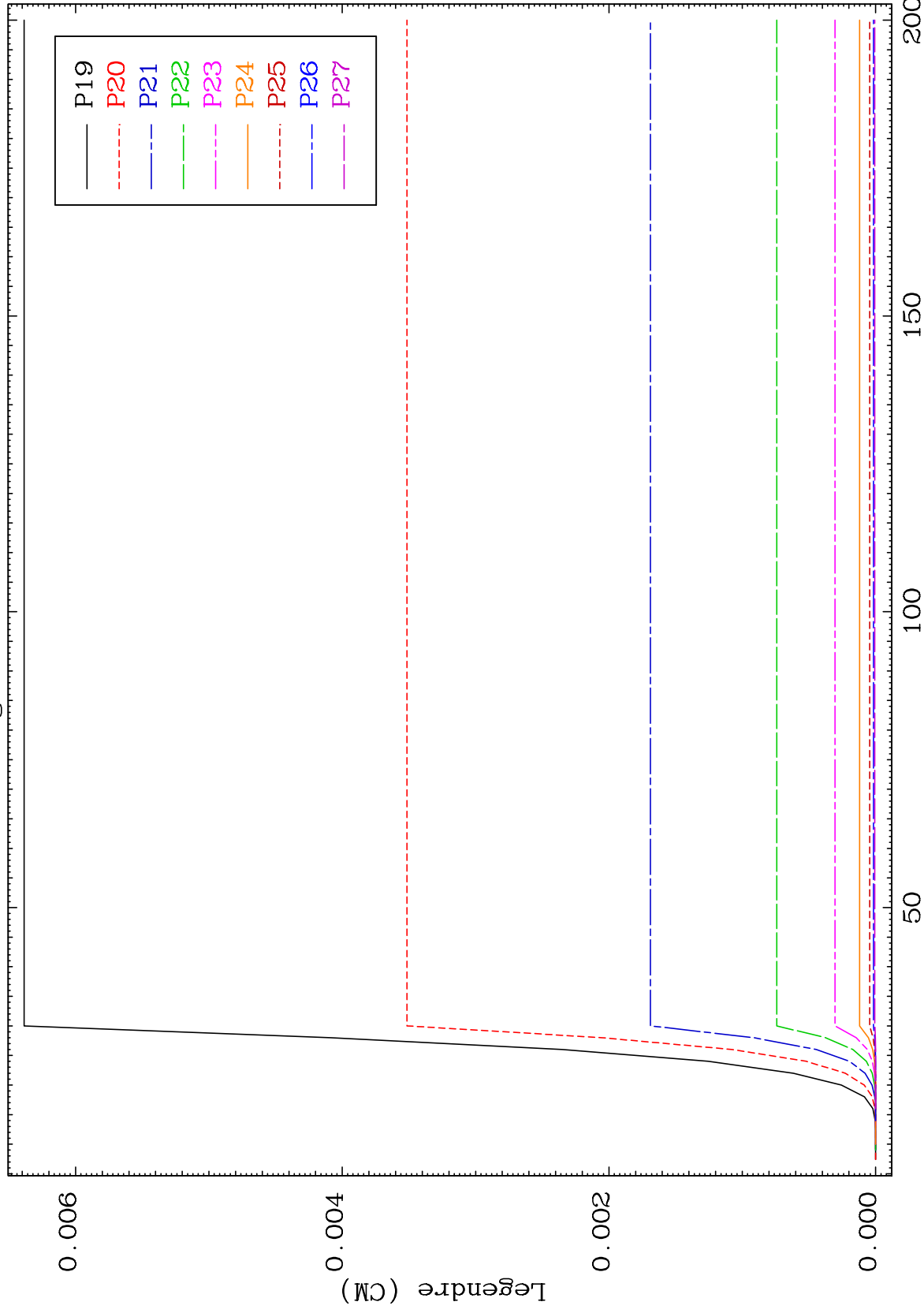
104

48-Cd-119

MAT 4864

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

48-Cd-119



105

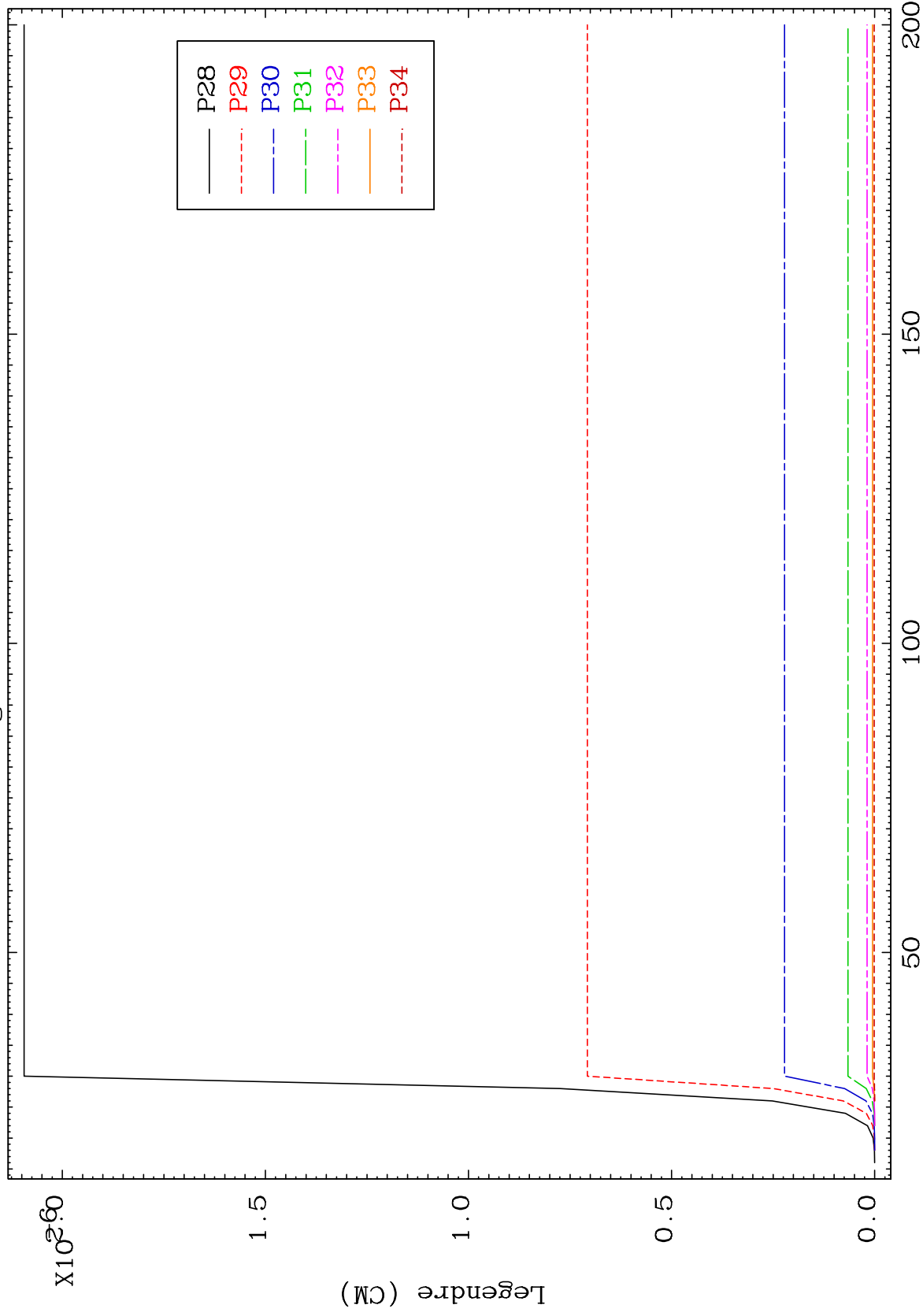
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

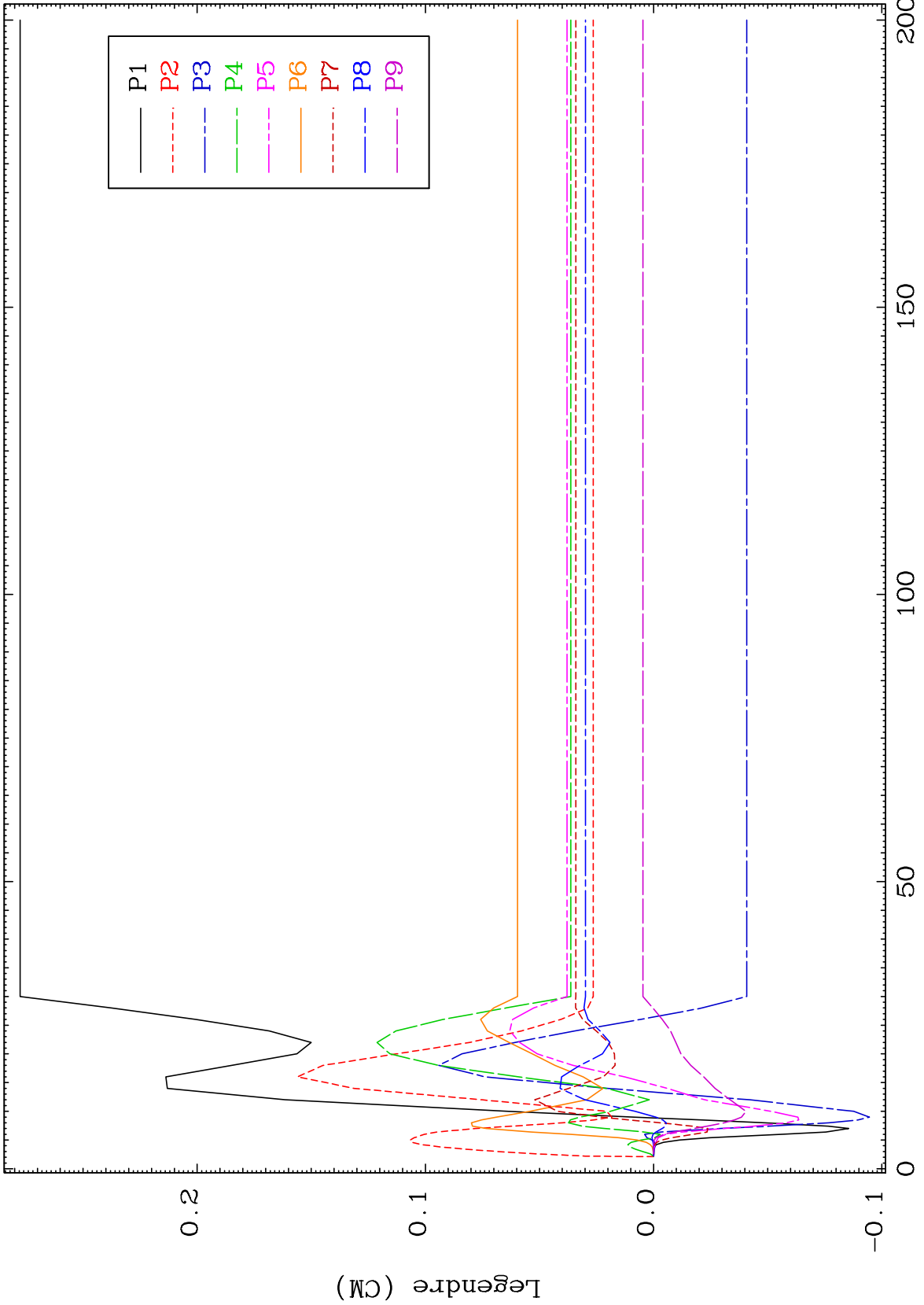
48-Cd-119



106

Incident Energy (MeV)

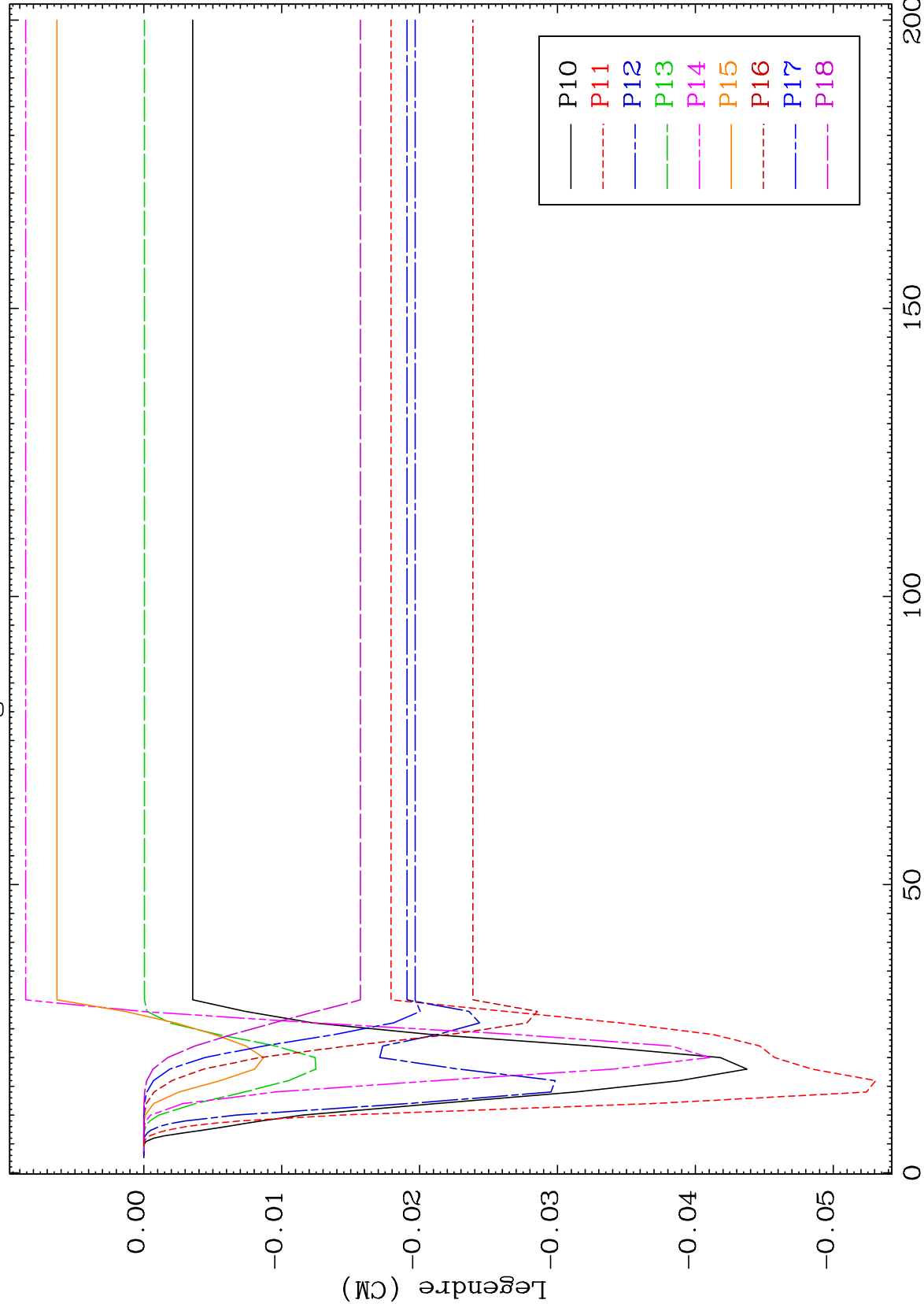
48-Cd-119



MAT 4864

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

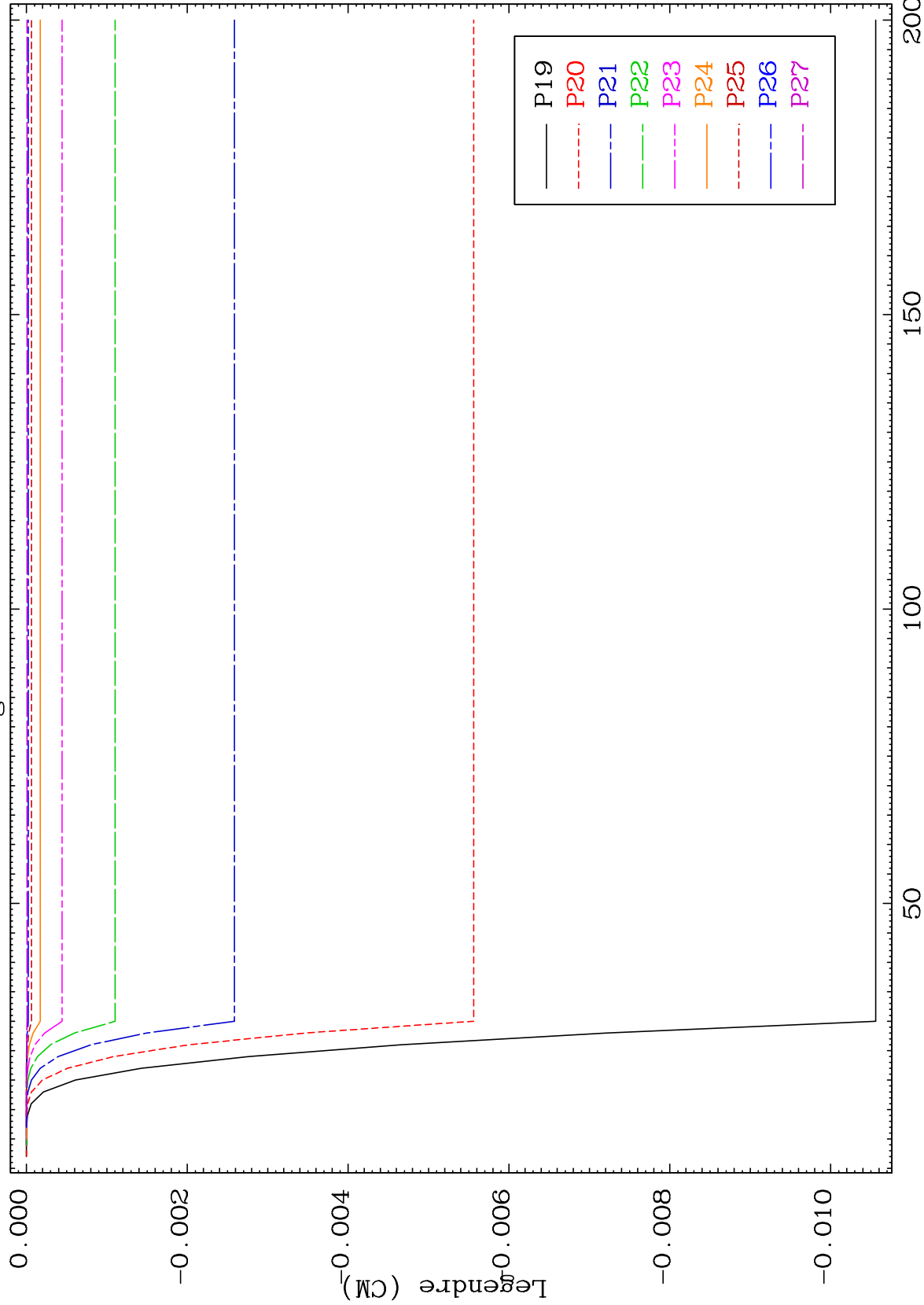
48-Cd-119



108

Incident Energy (MeV)

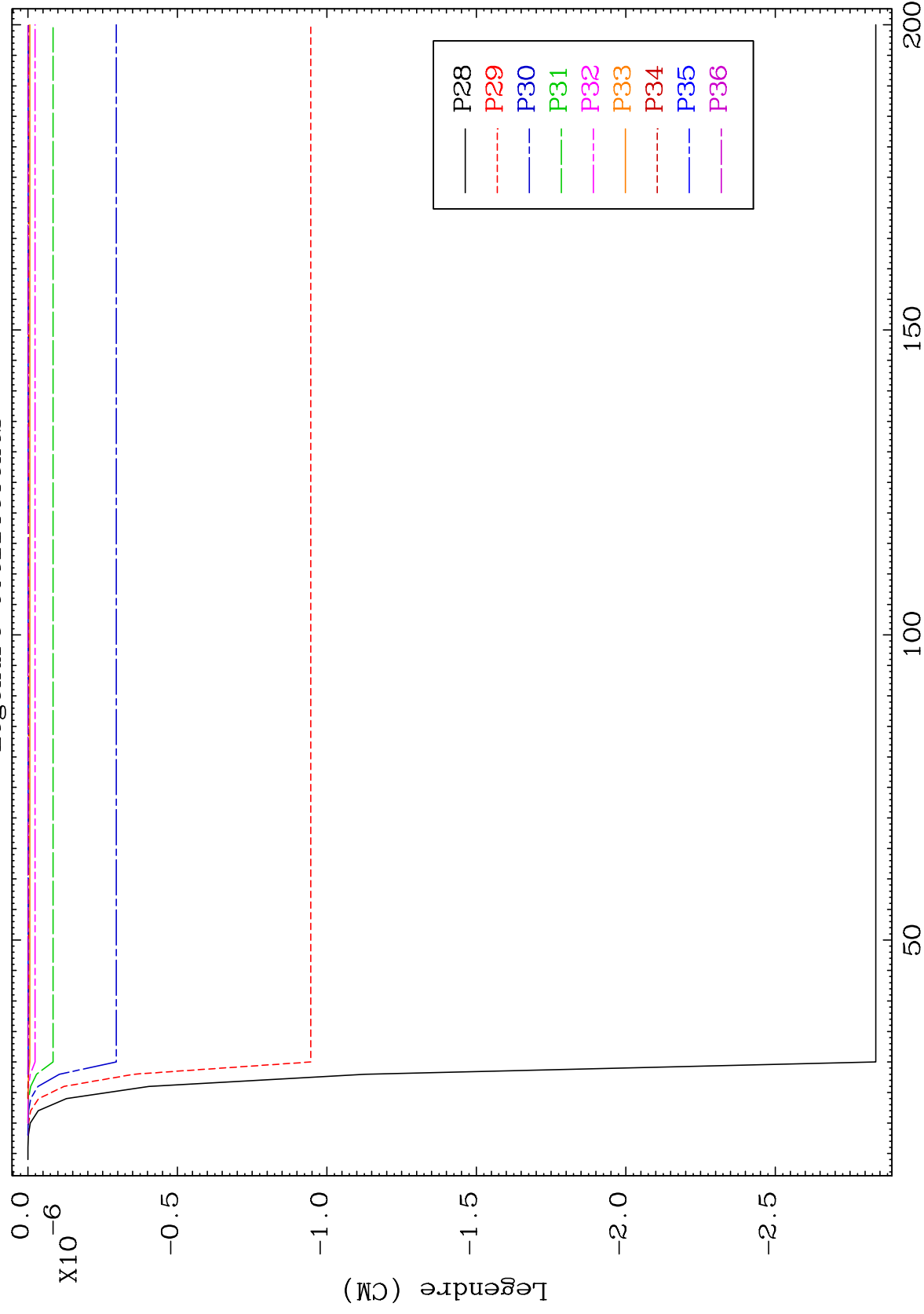
48-Cd-119



MAT 4864

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

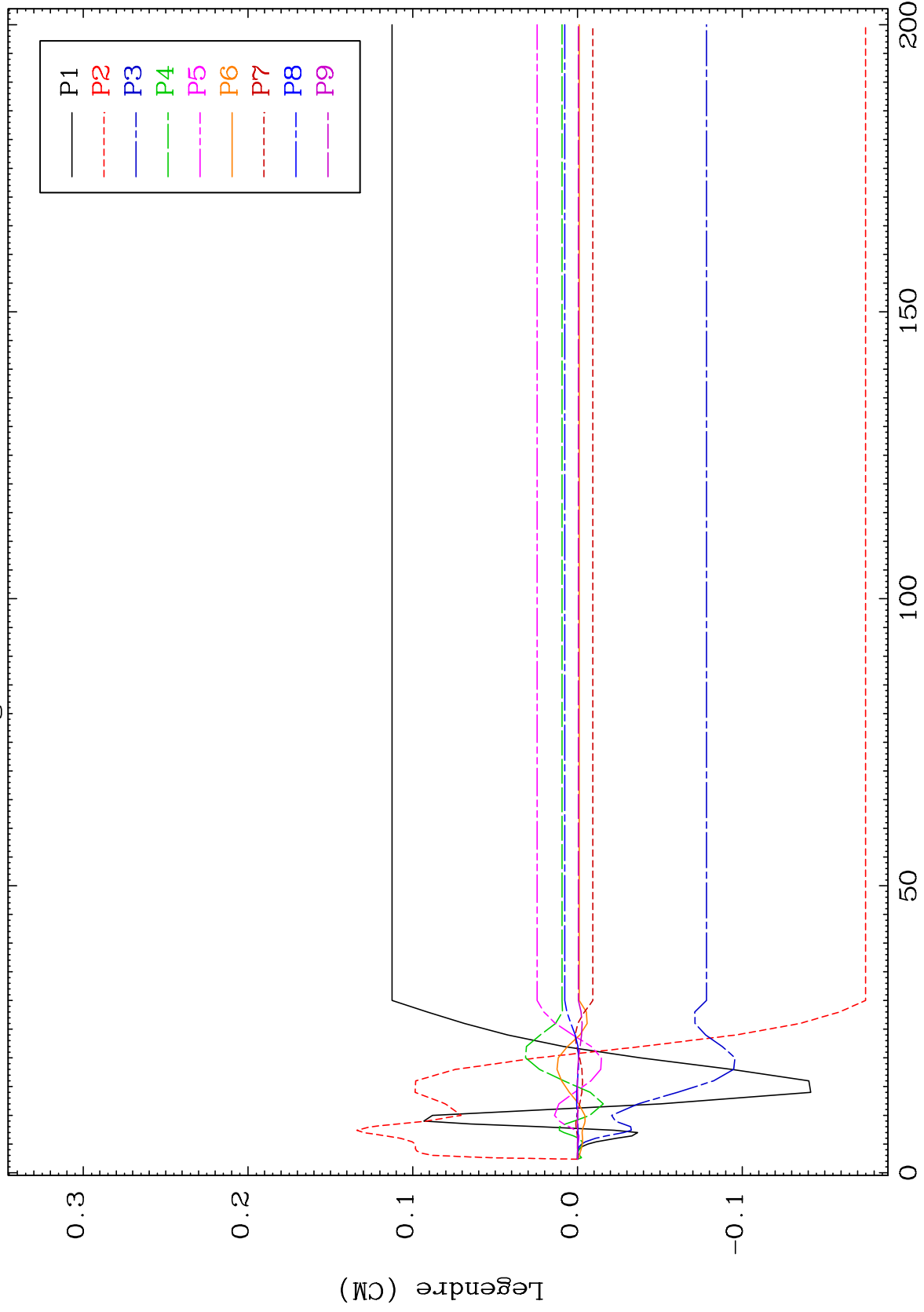
48-Cd-119



MAT 4864

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

48-Cd-119



111

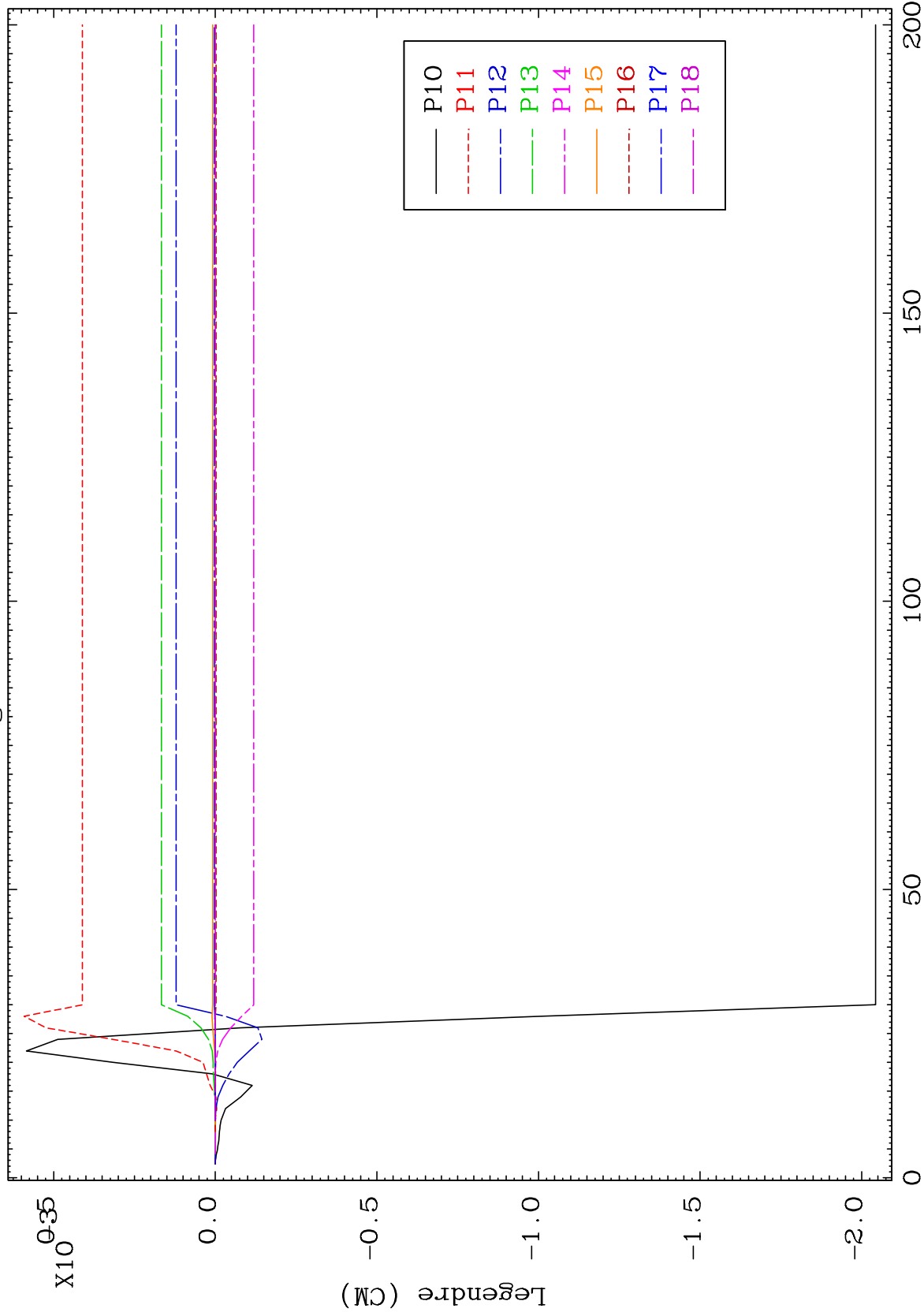
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

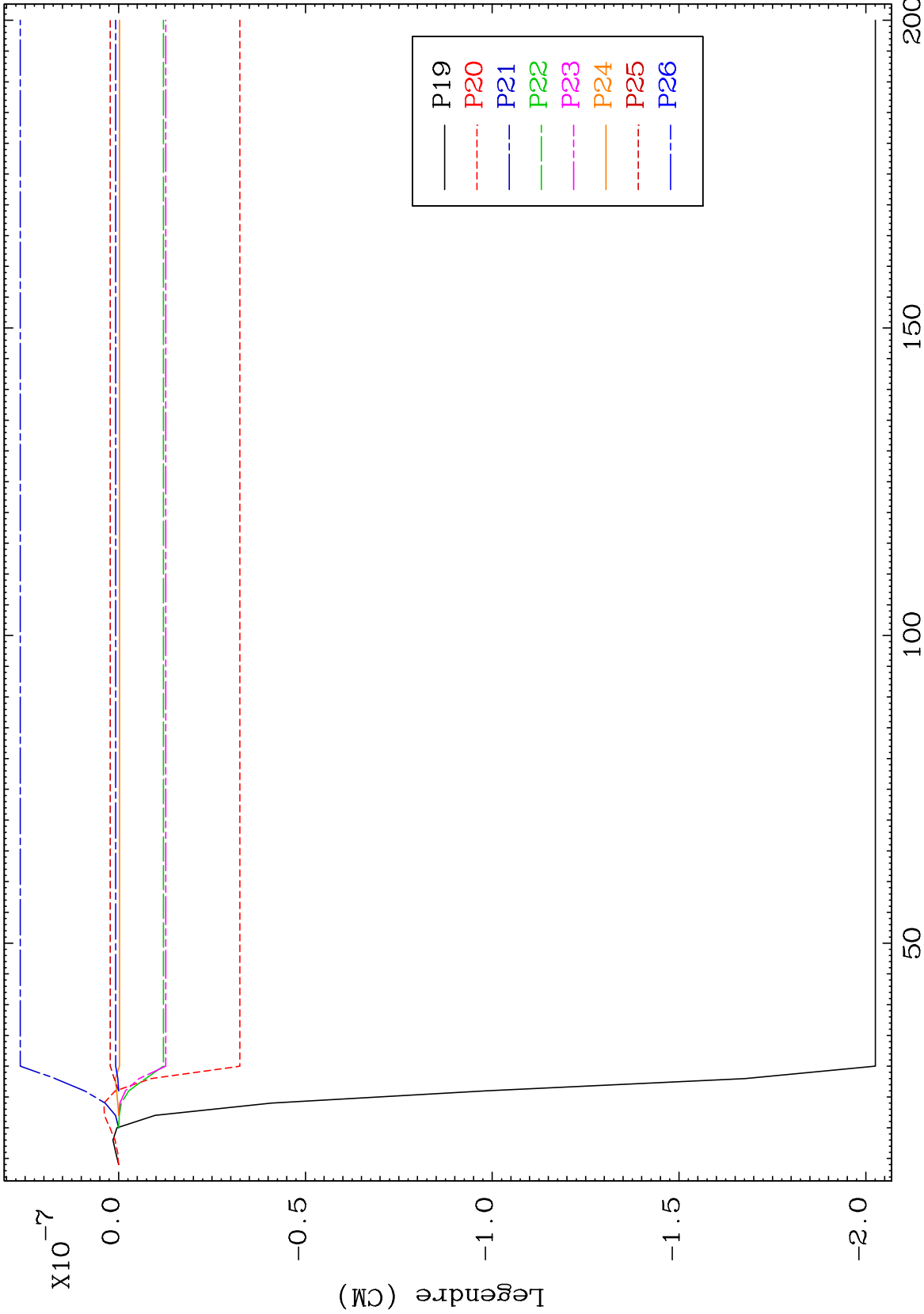
48-Cd-119

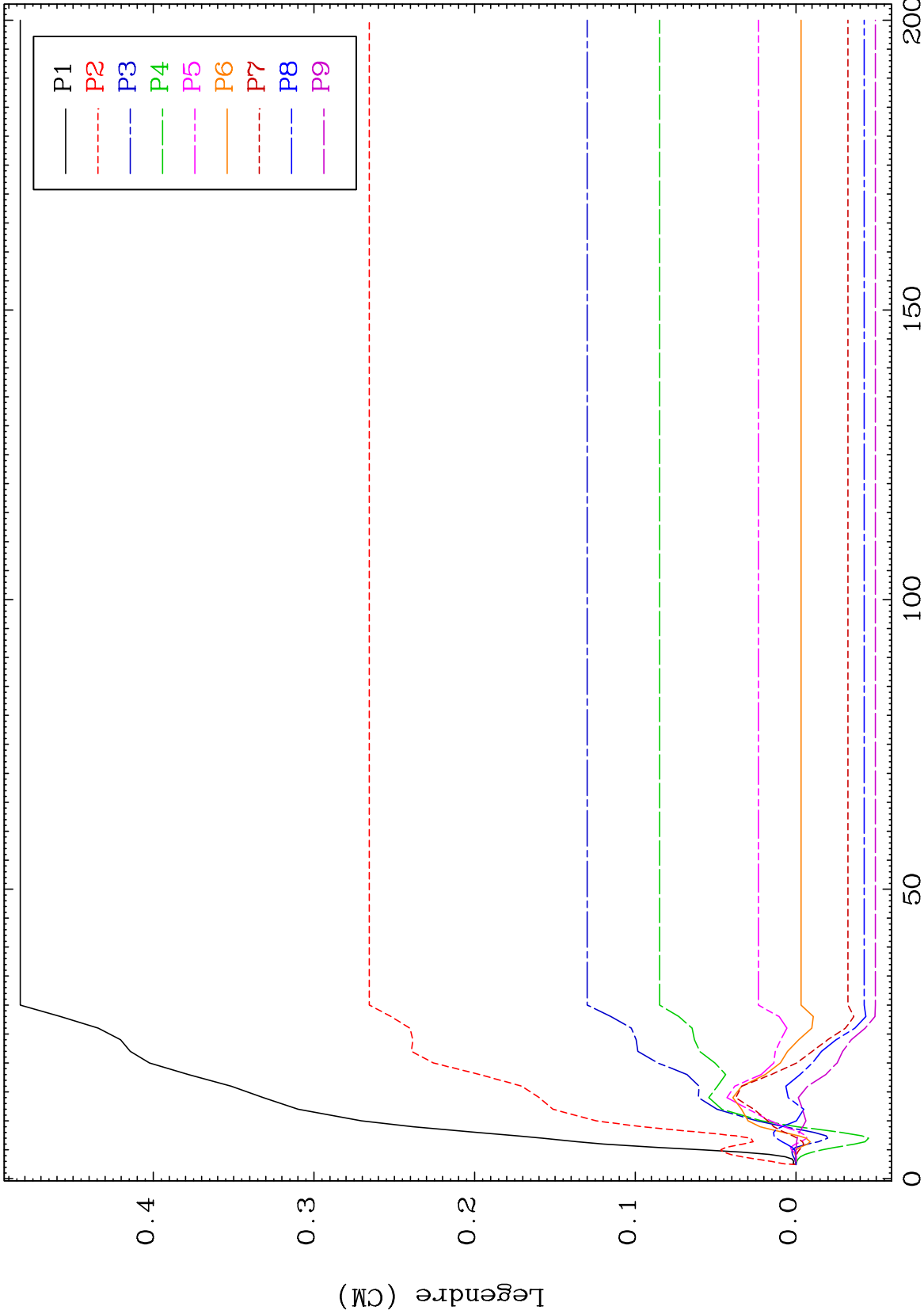


112

Incident Energy (MeV)

48-Cd-119

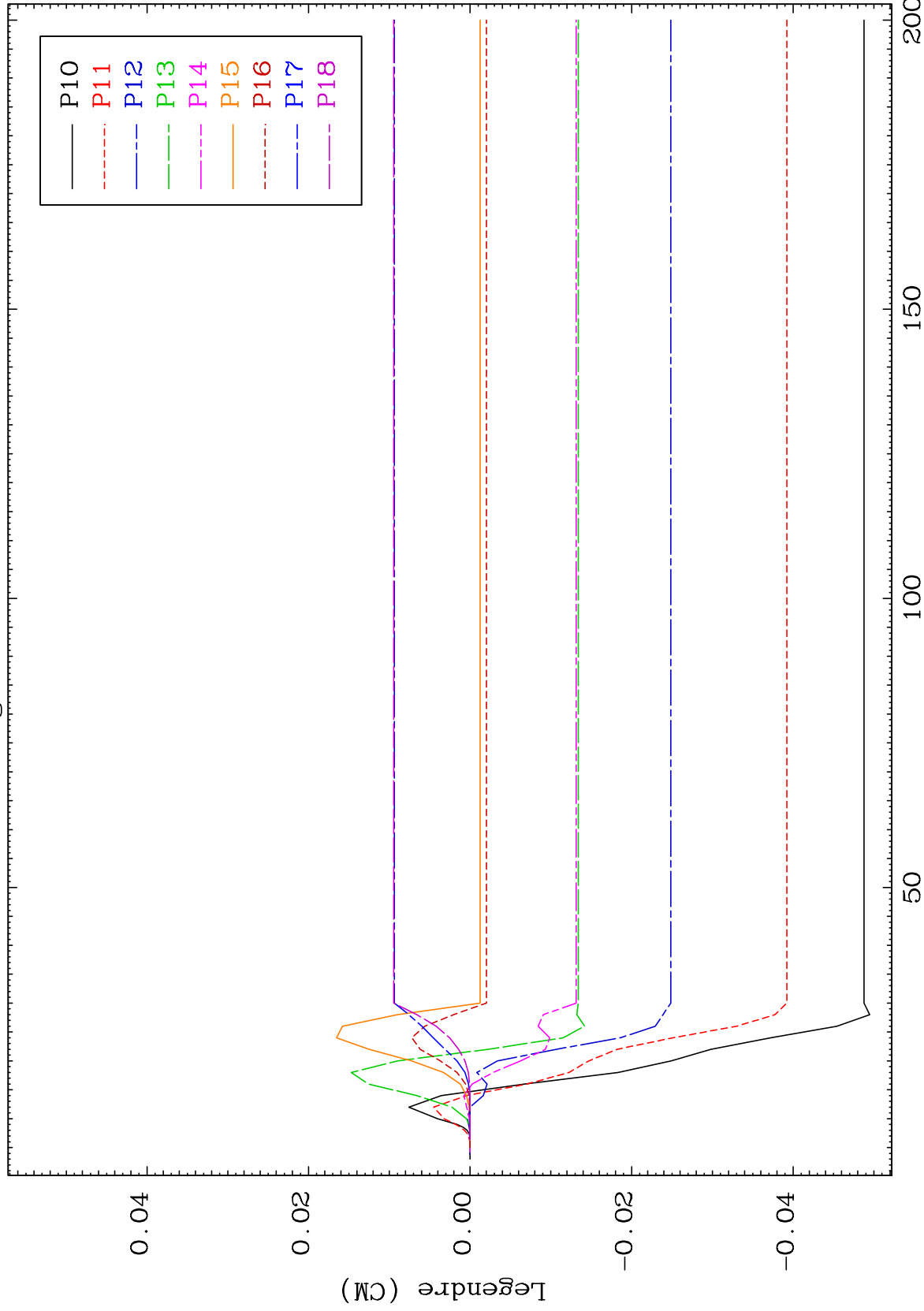




MAT 4864

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

48-Cd-119



115

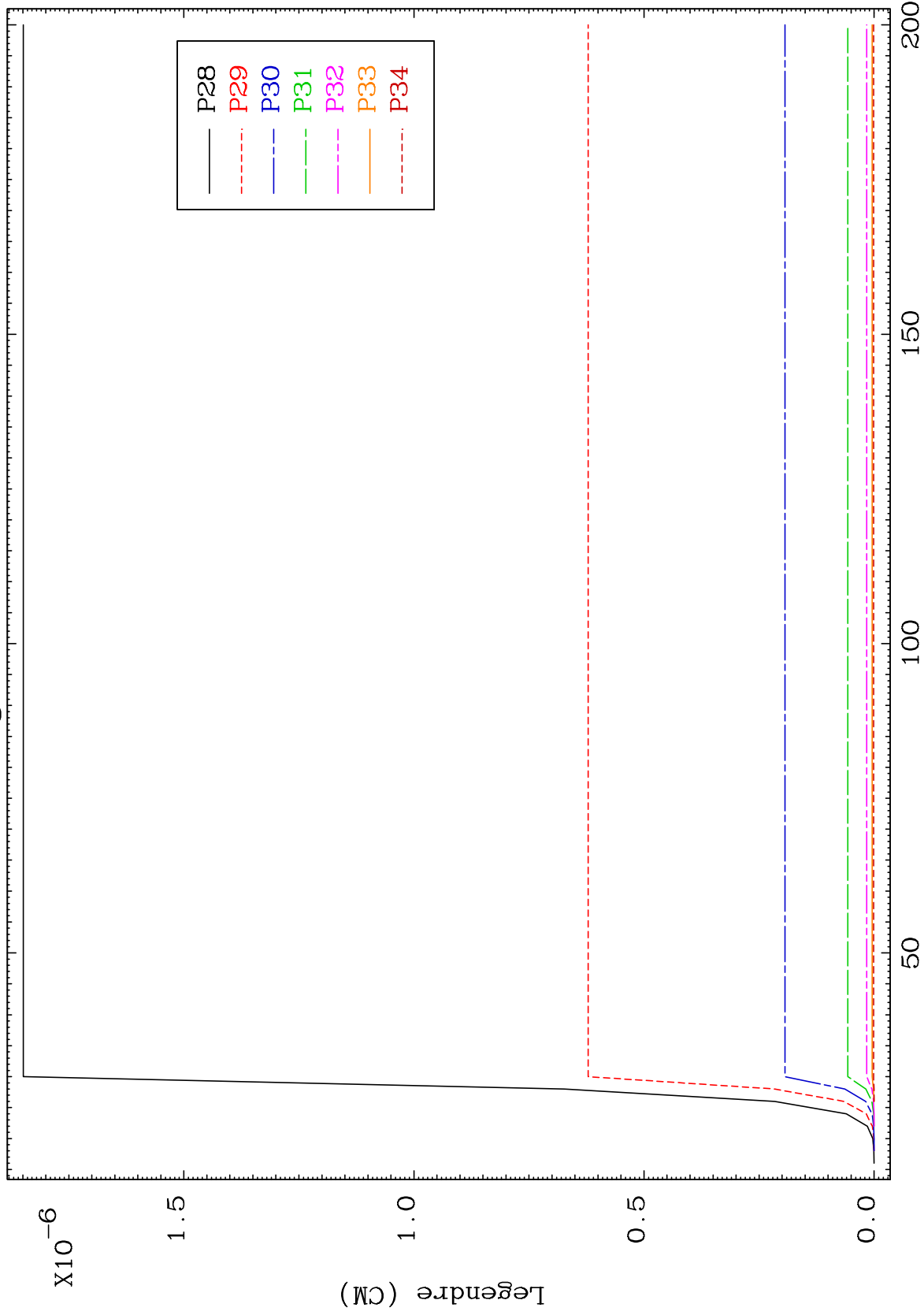
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

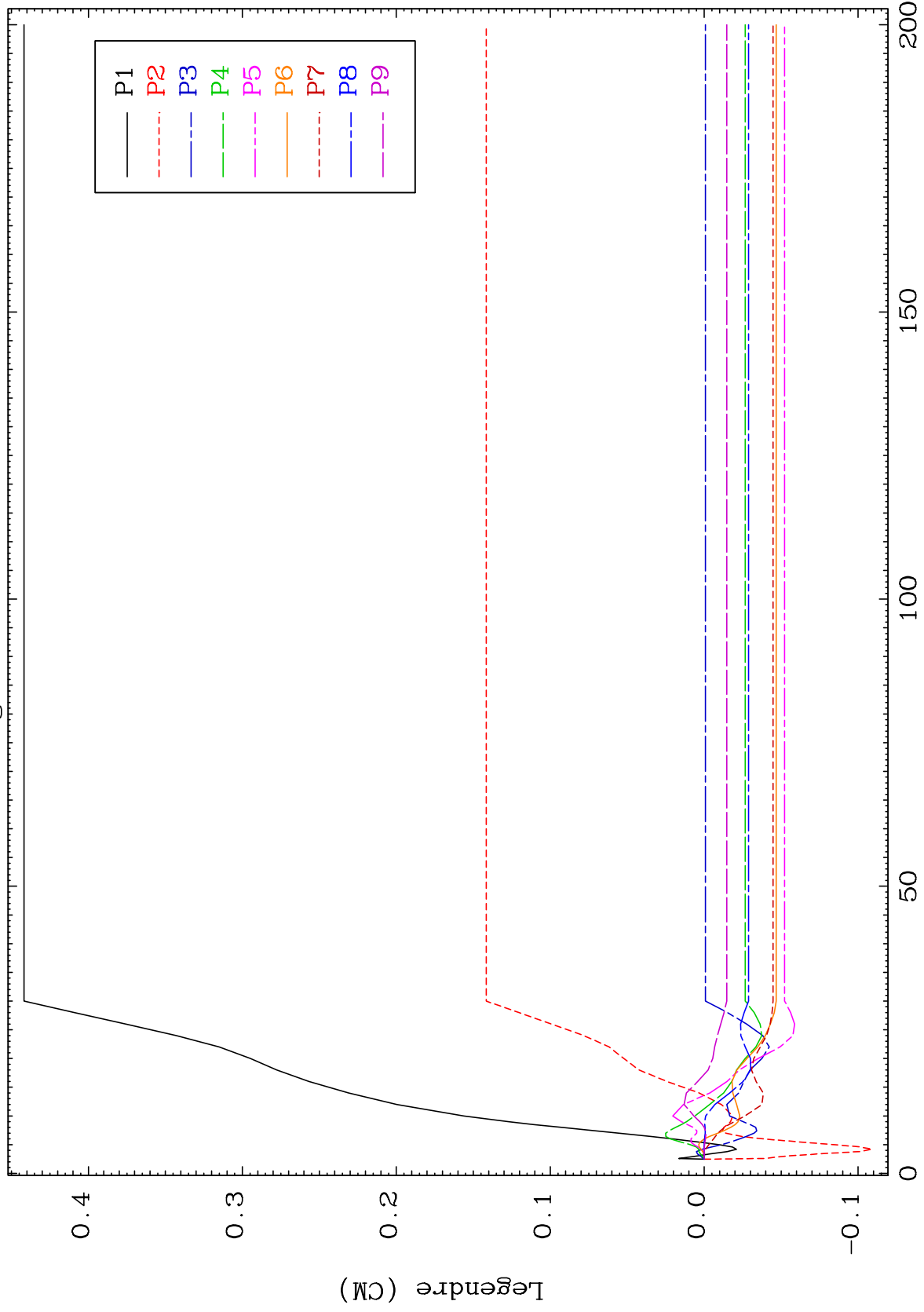
48-Cd-119



MAT 4864

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

48-Cd-119



118

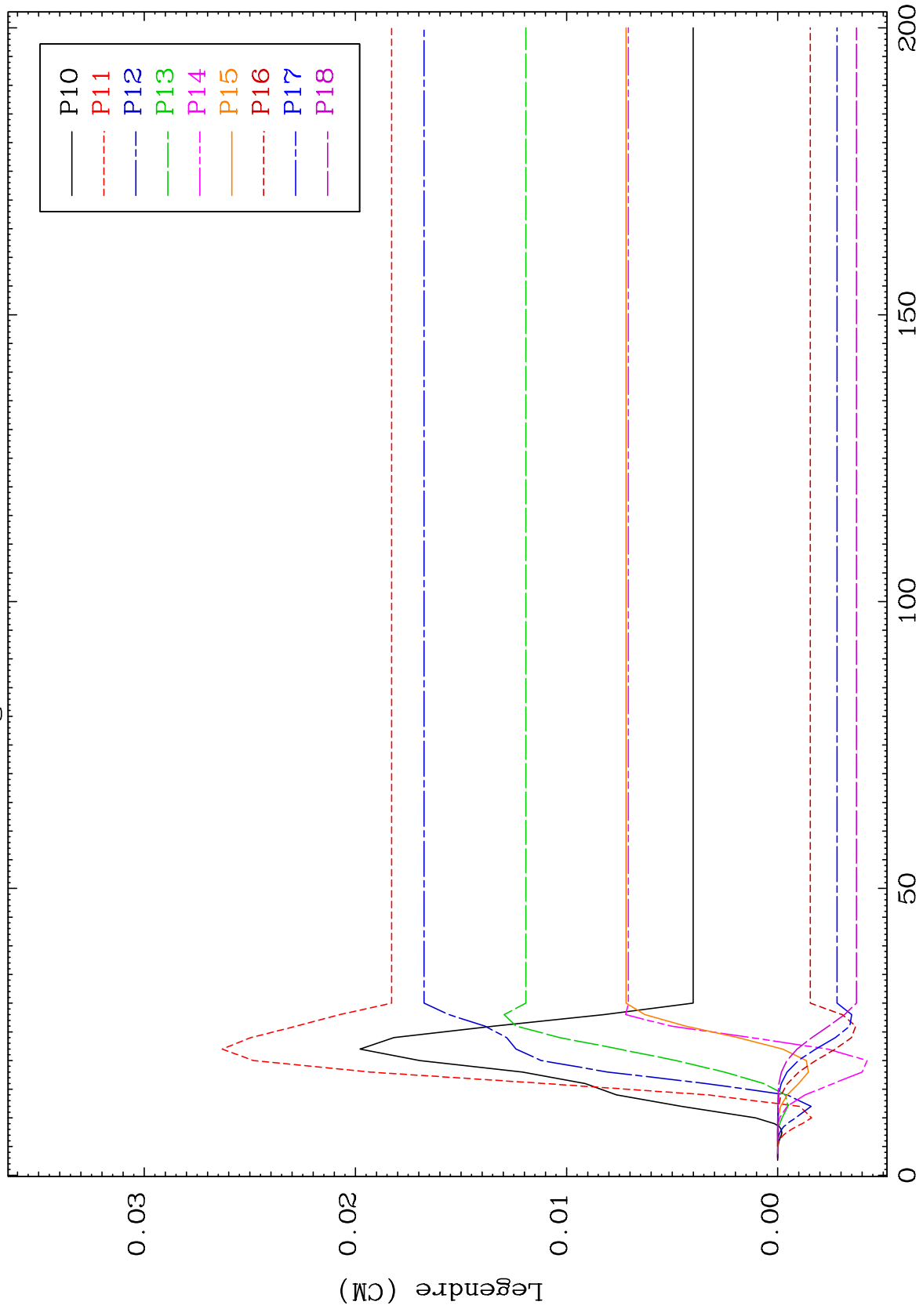
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

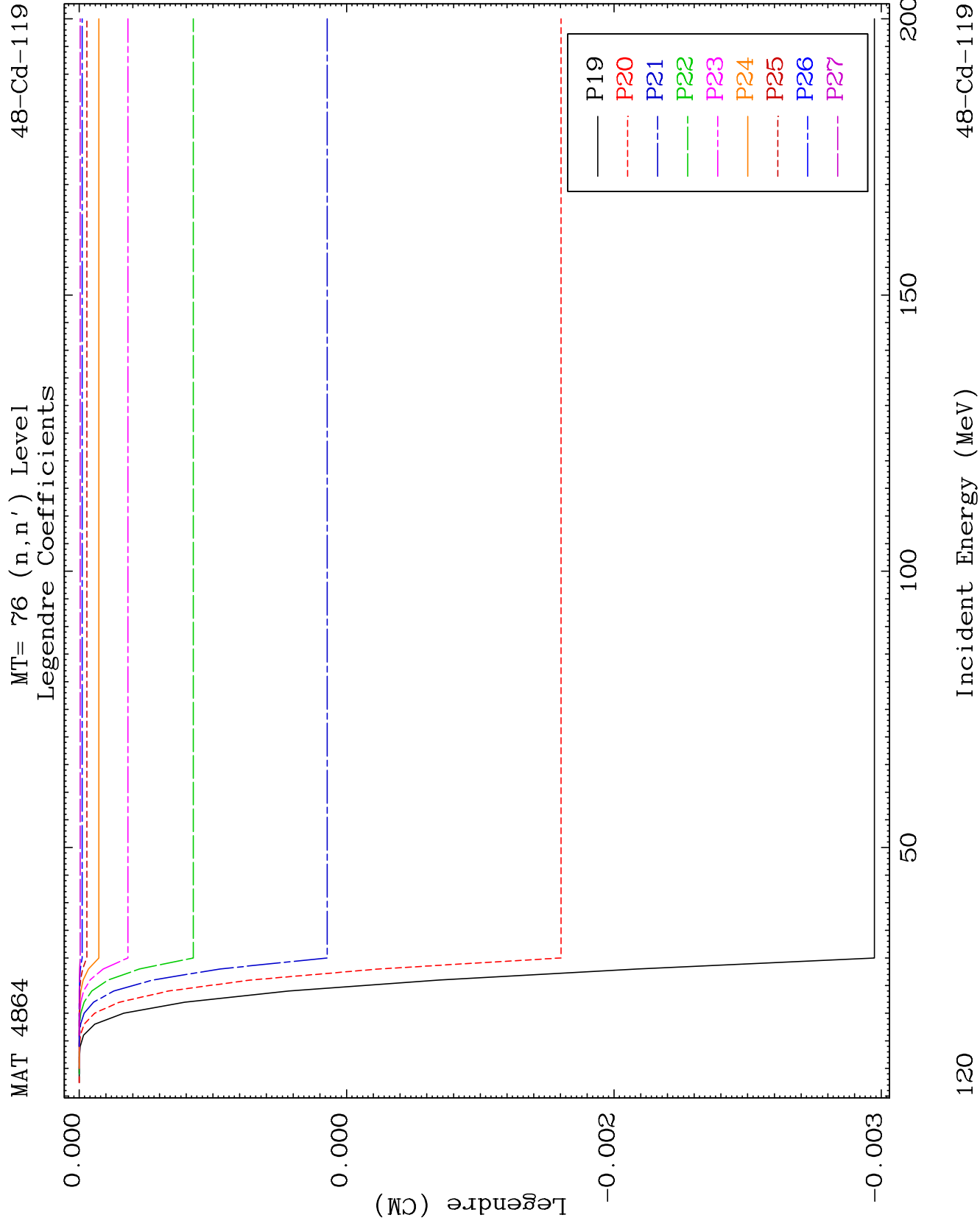
48-Cd-119

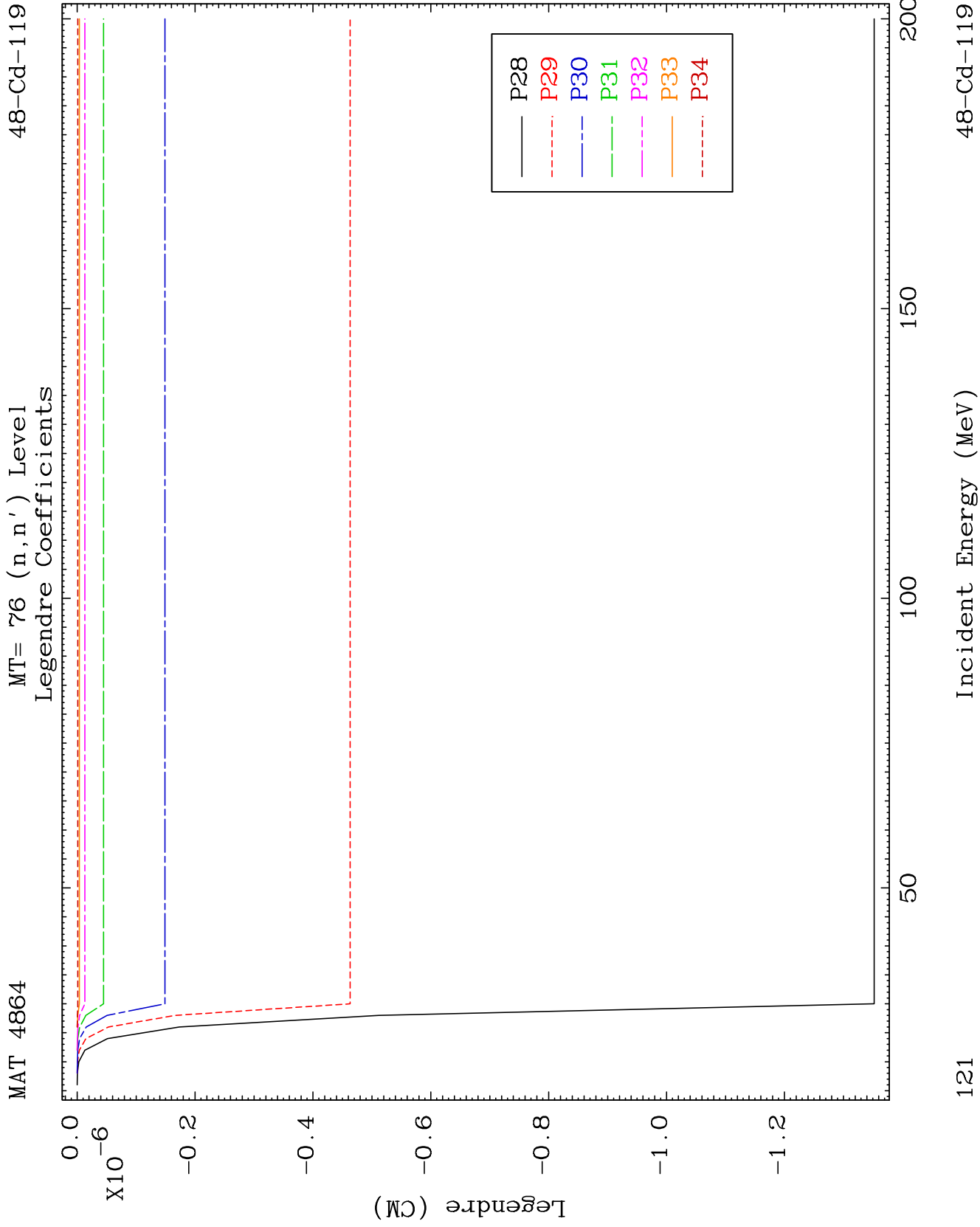


119

Incident Energy (MeV)

48-Cd-119

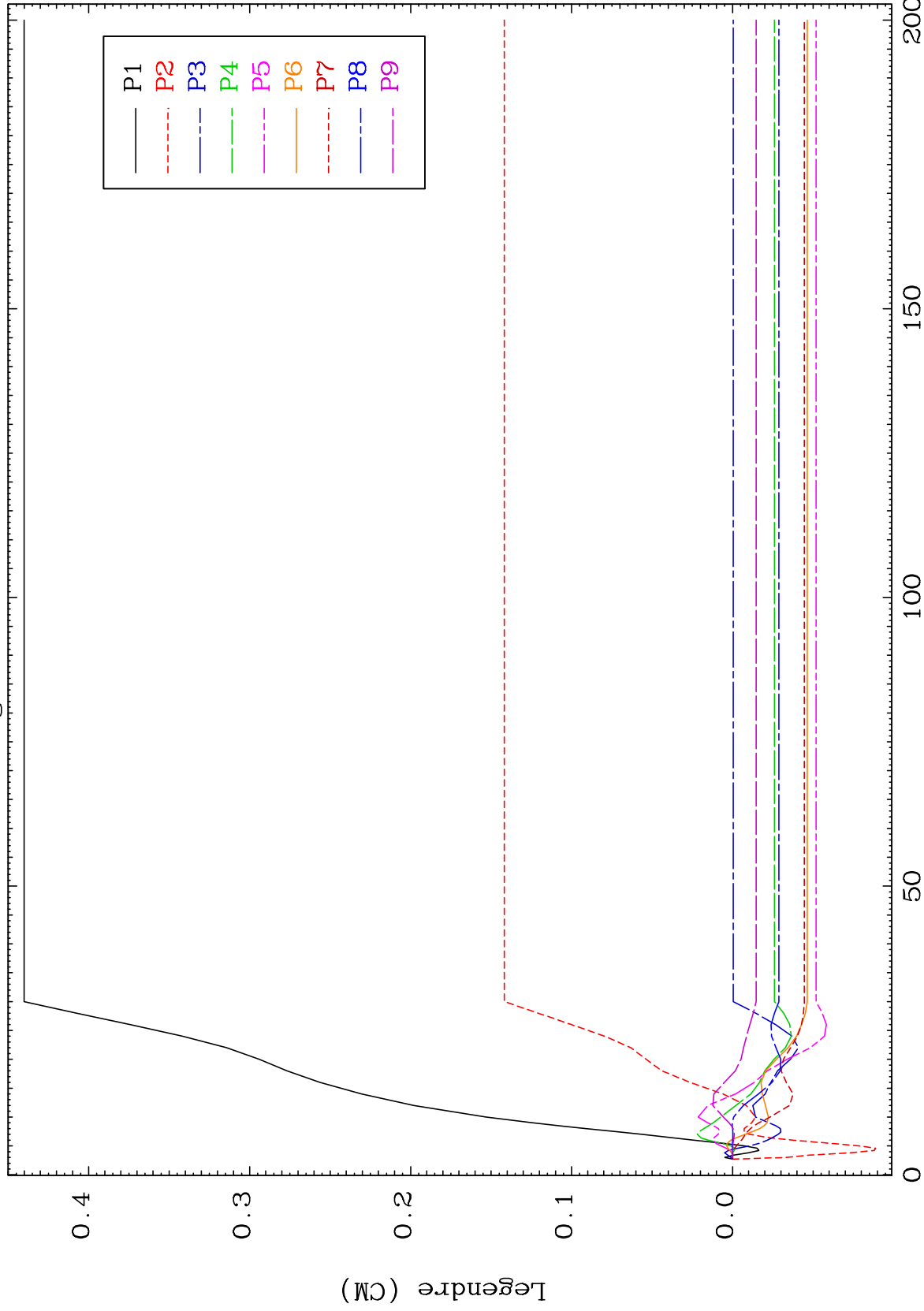




MAT 4864

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

48-Cd-119



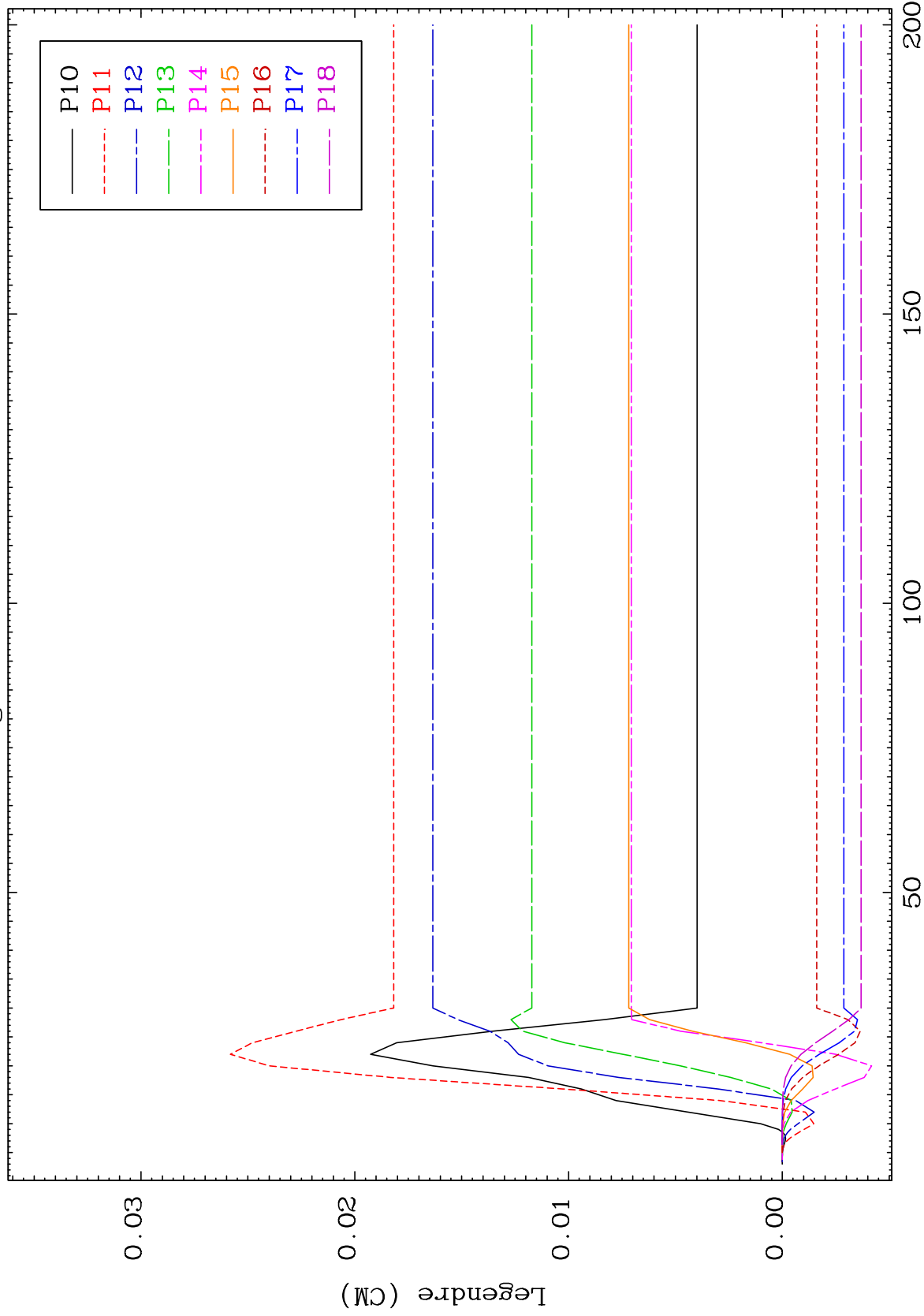
122

48-Cd-119

MAT 4864

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

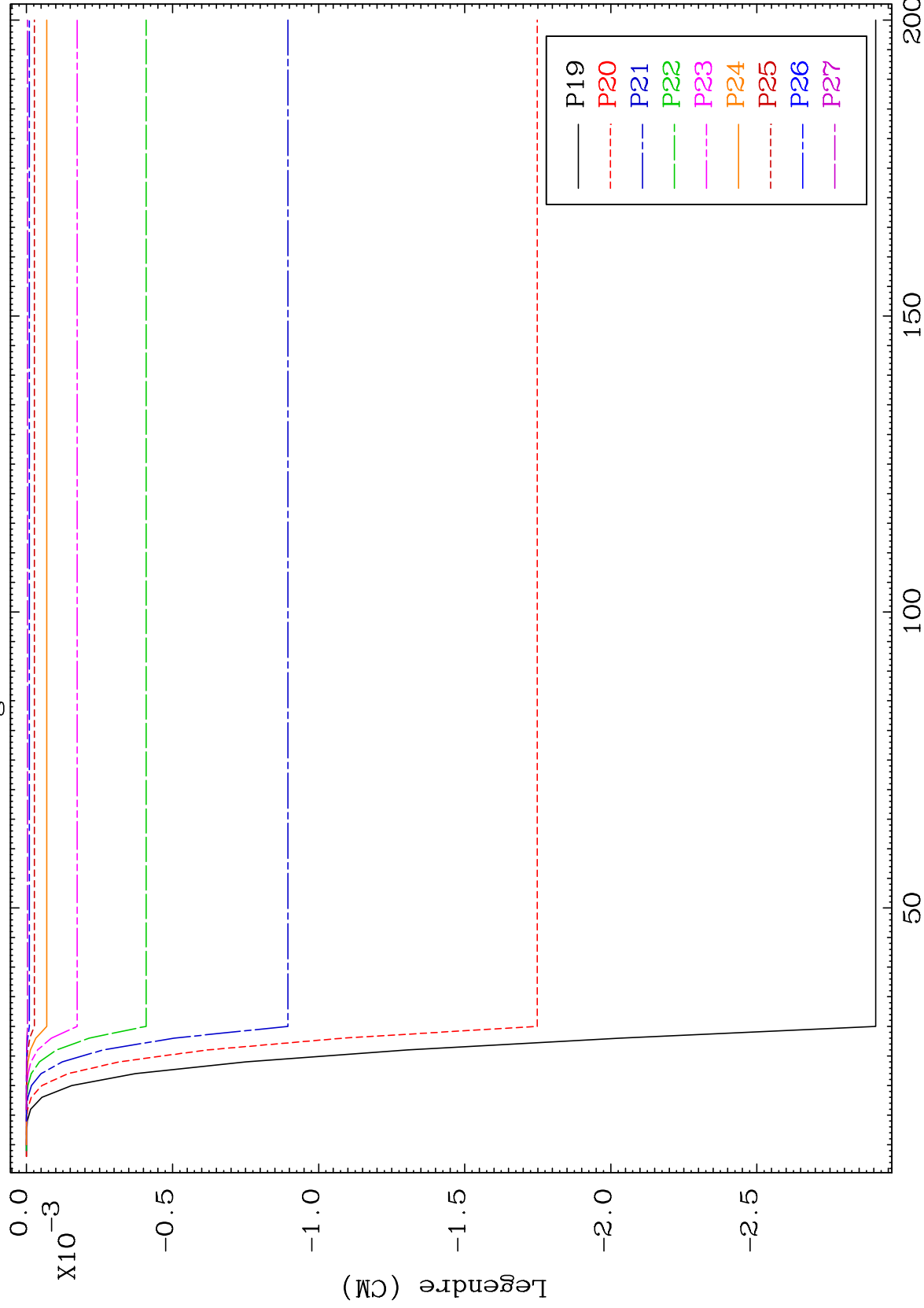
48-Cd-119



123

Incident Energy (MeV)

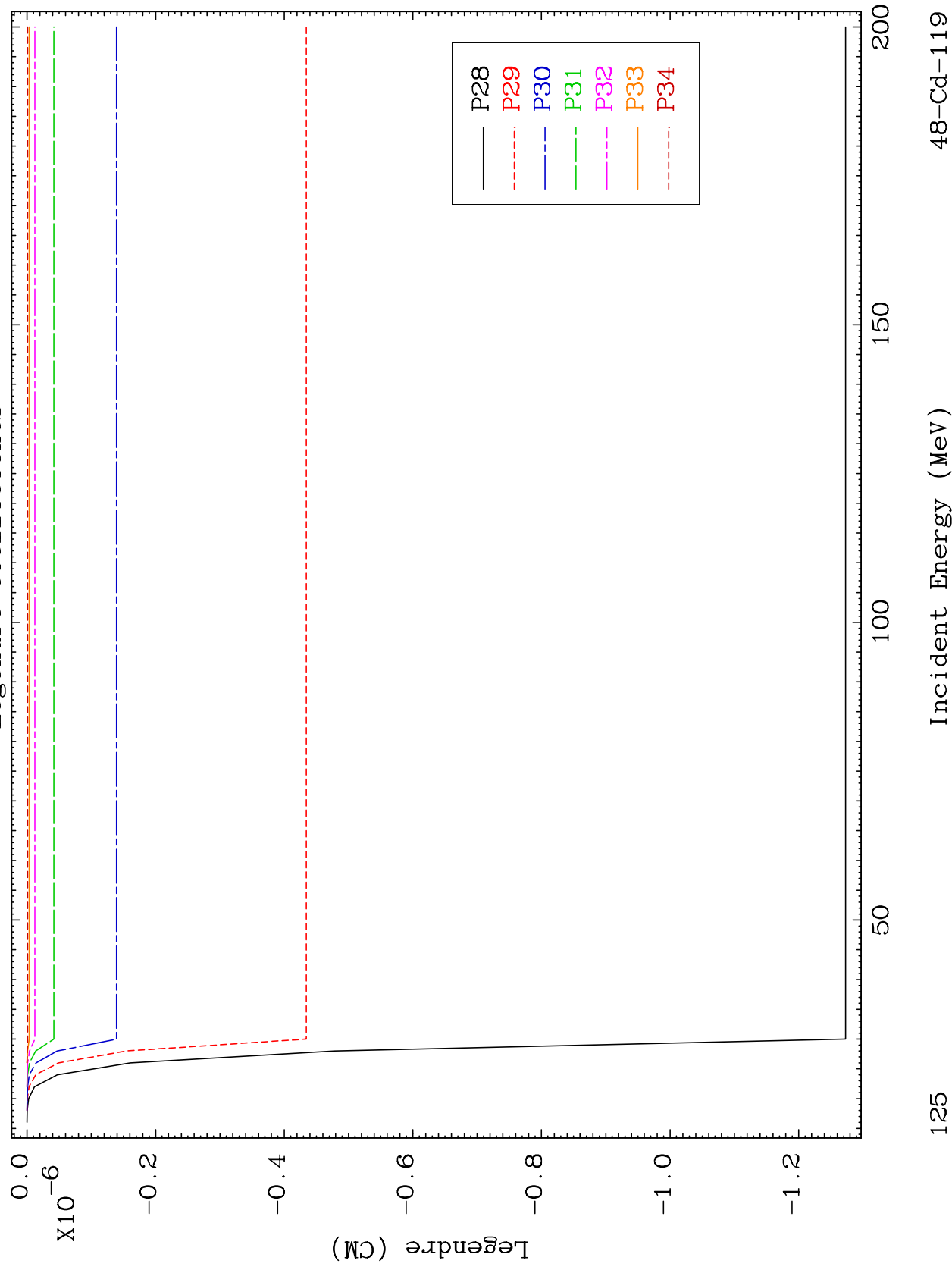
48-Cd-119



MAT 4864

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

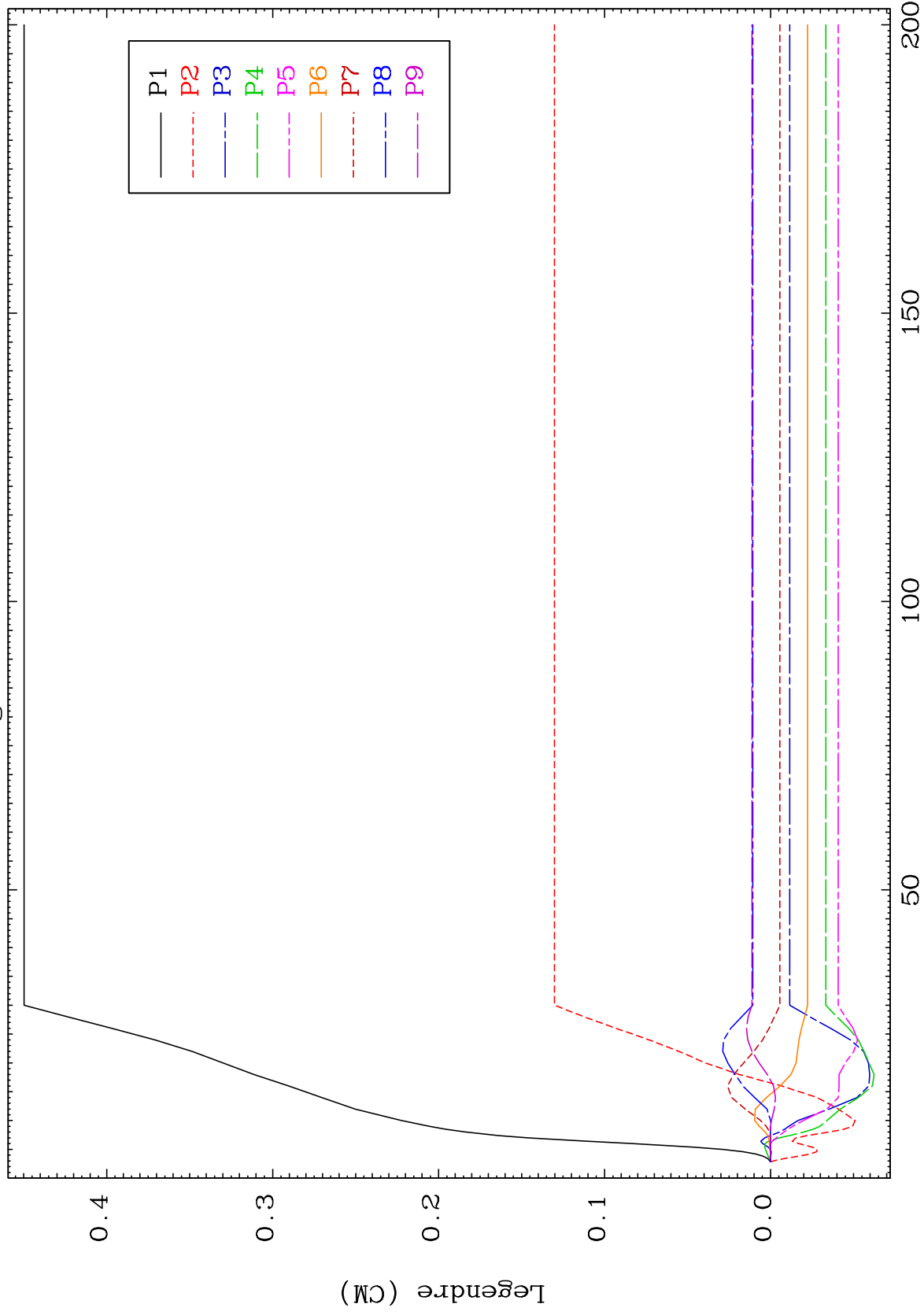
48-Cd-119



MAT 4864

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

48-Cd-119



126

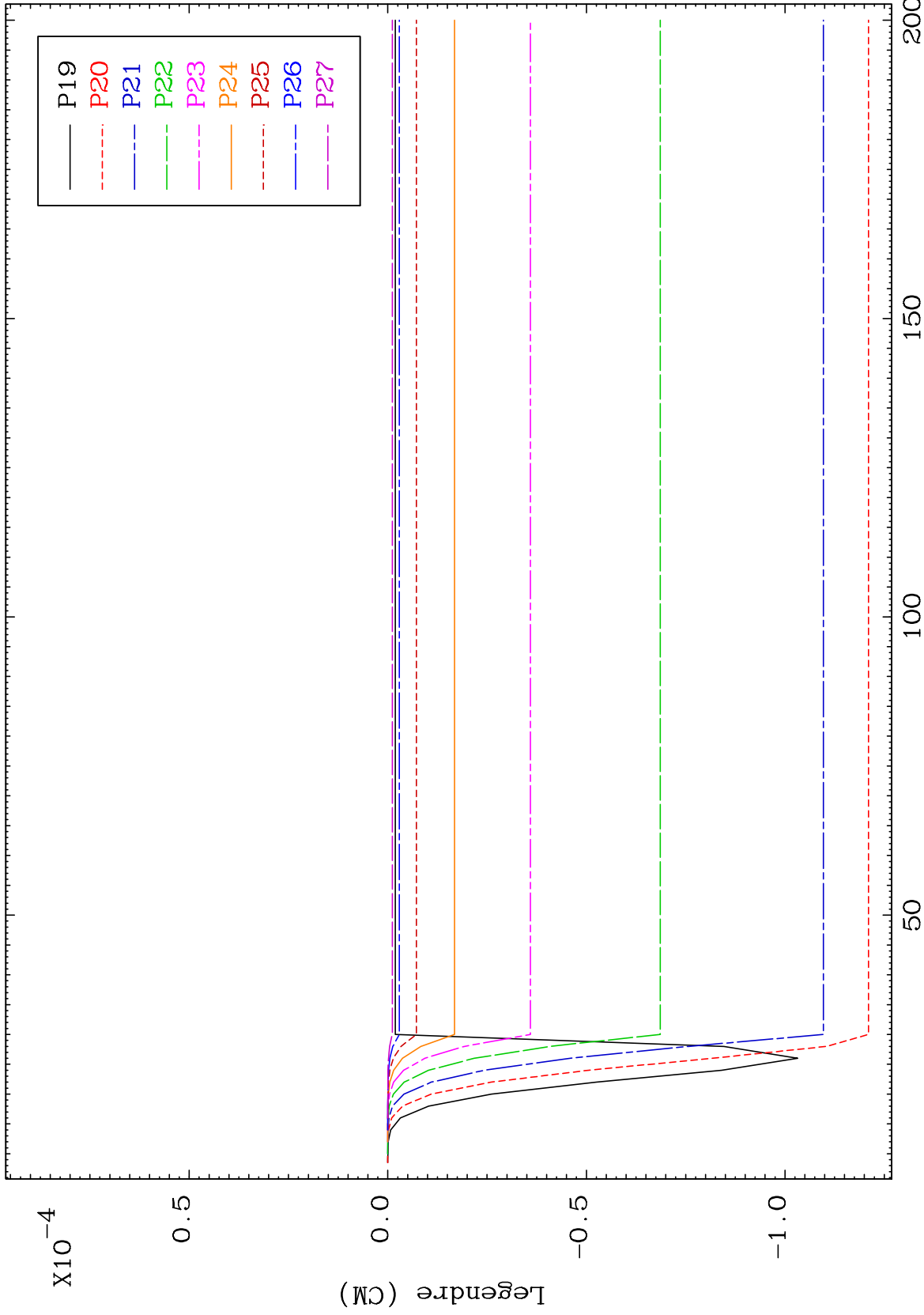
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

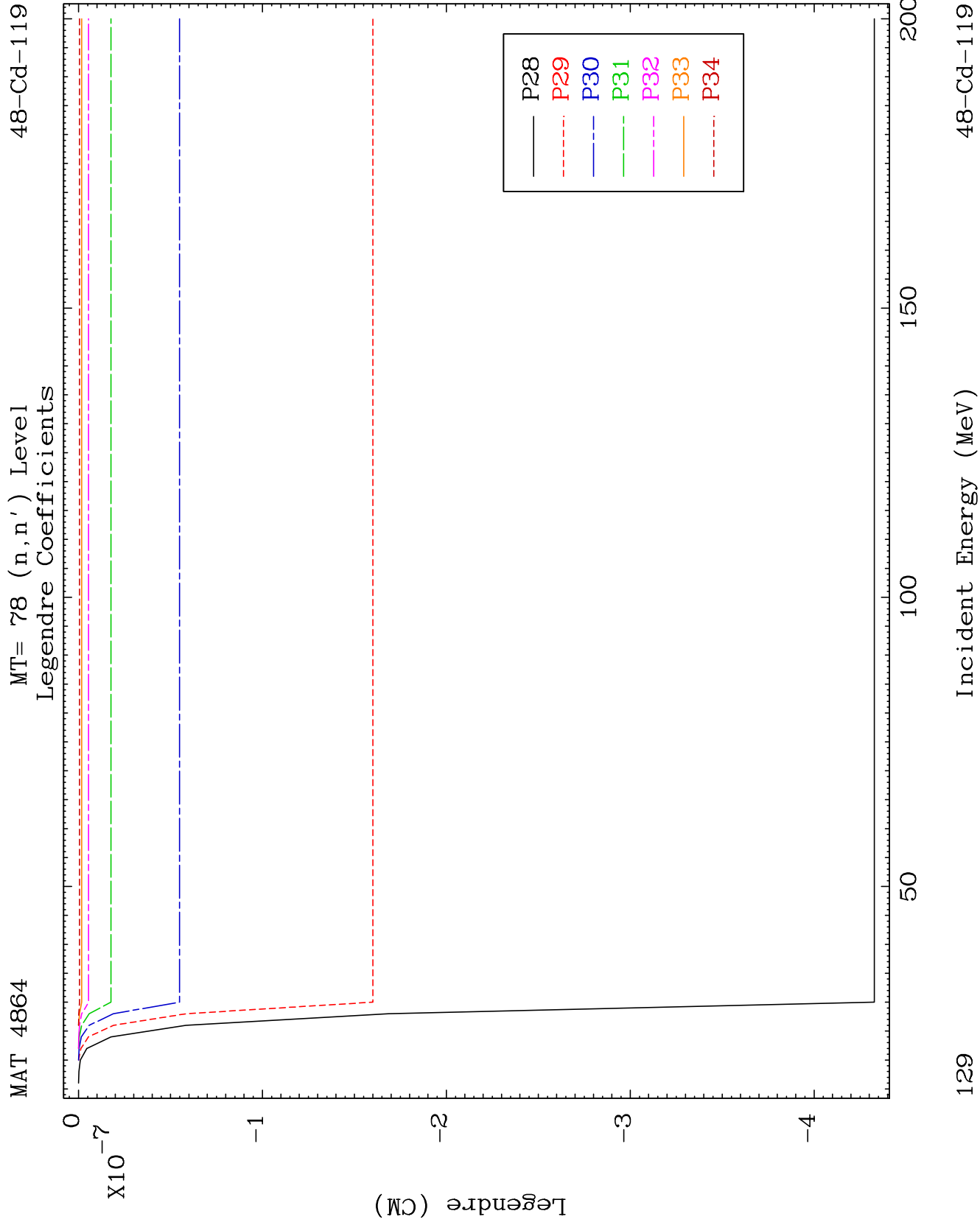
48-Cd-119



128

Incident Energy (MeV)

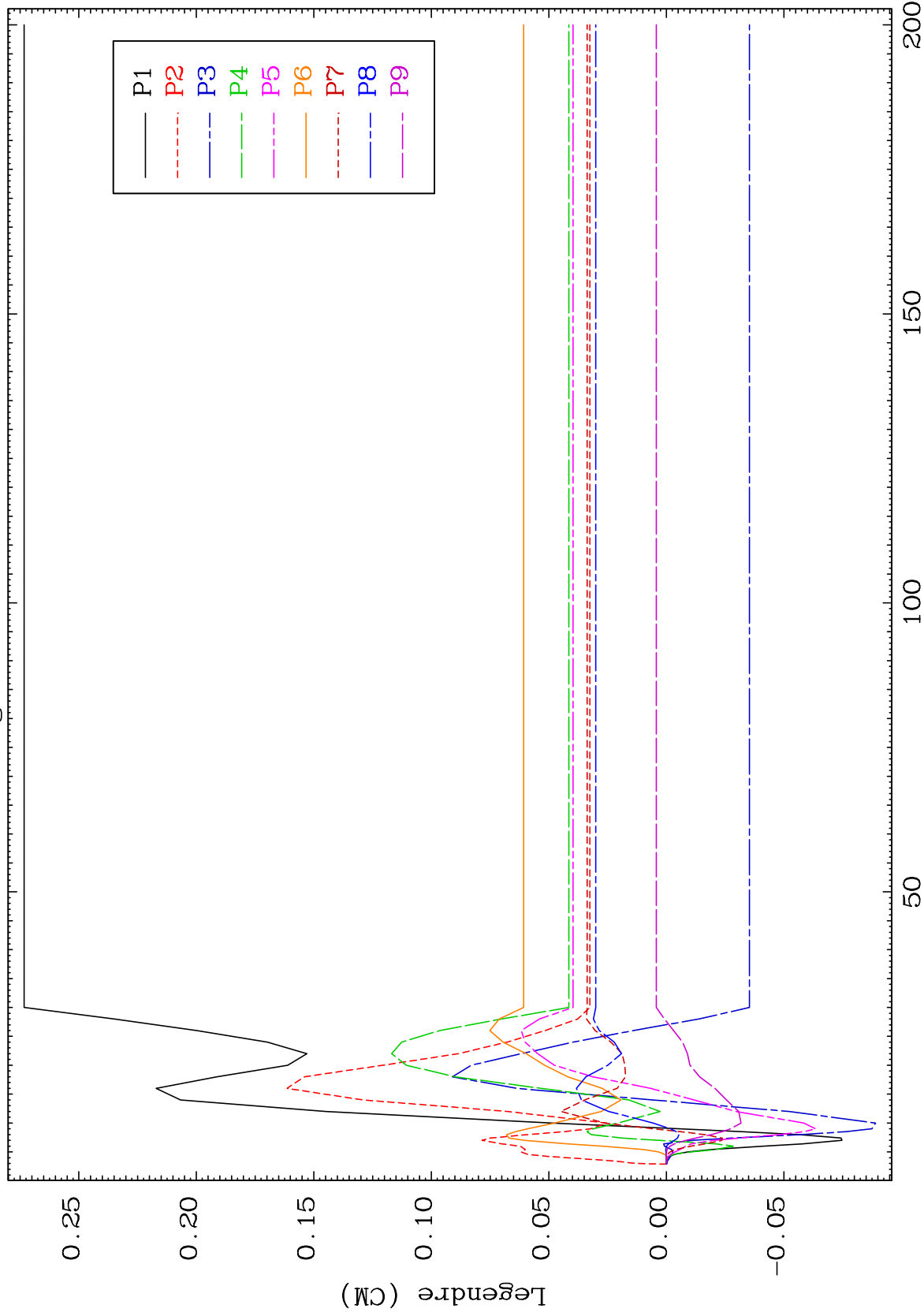
48-Cd-119



MAT 4864

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

48-Cd-119



130

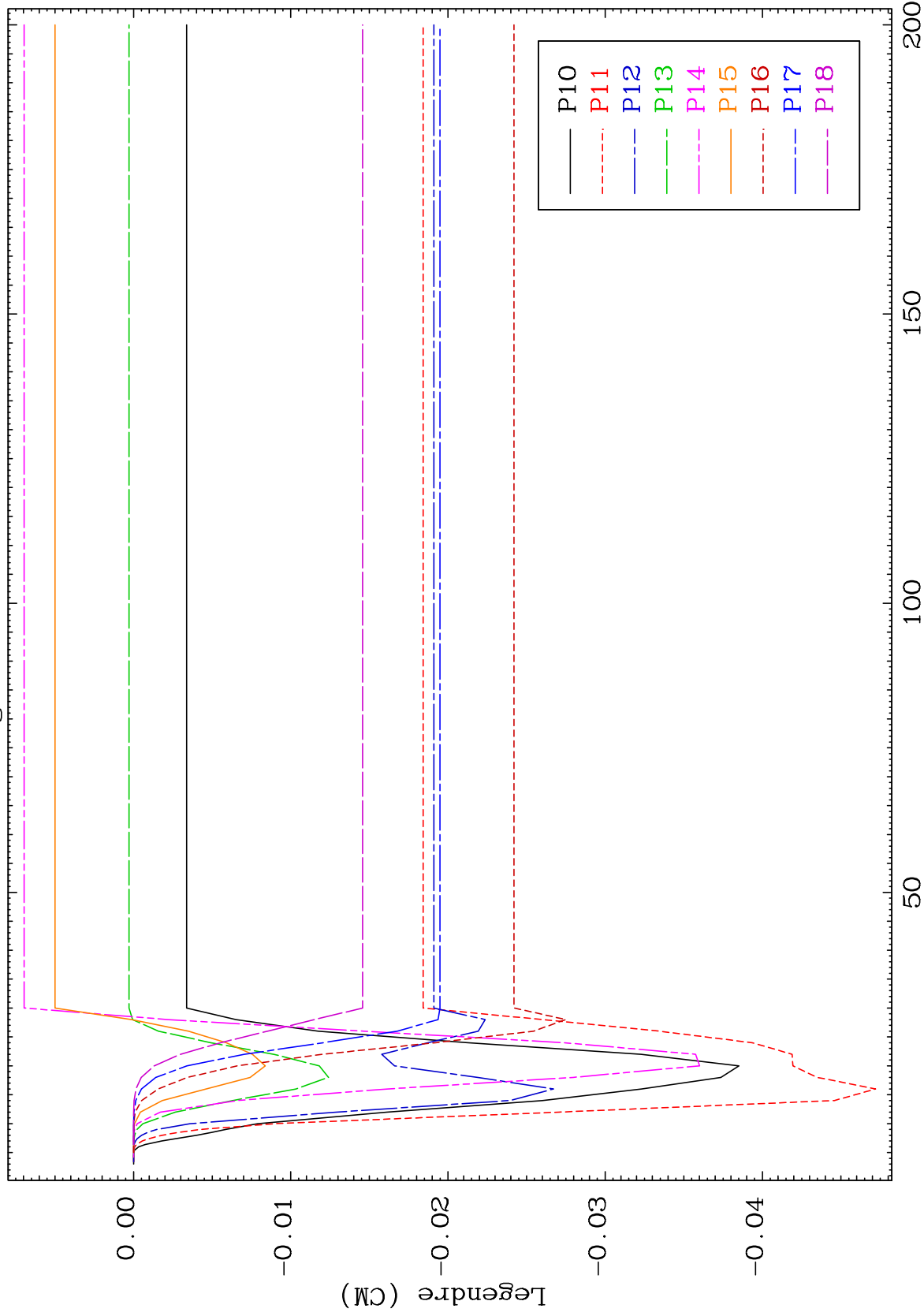
Incident Energy (MeV)

48-Cd-119

MAT 4864

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

48-Cd-119

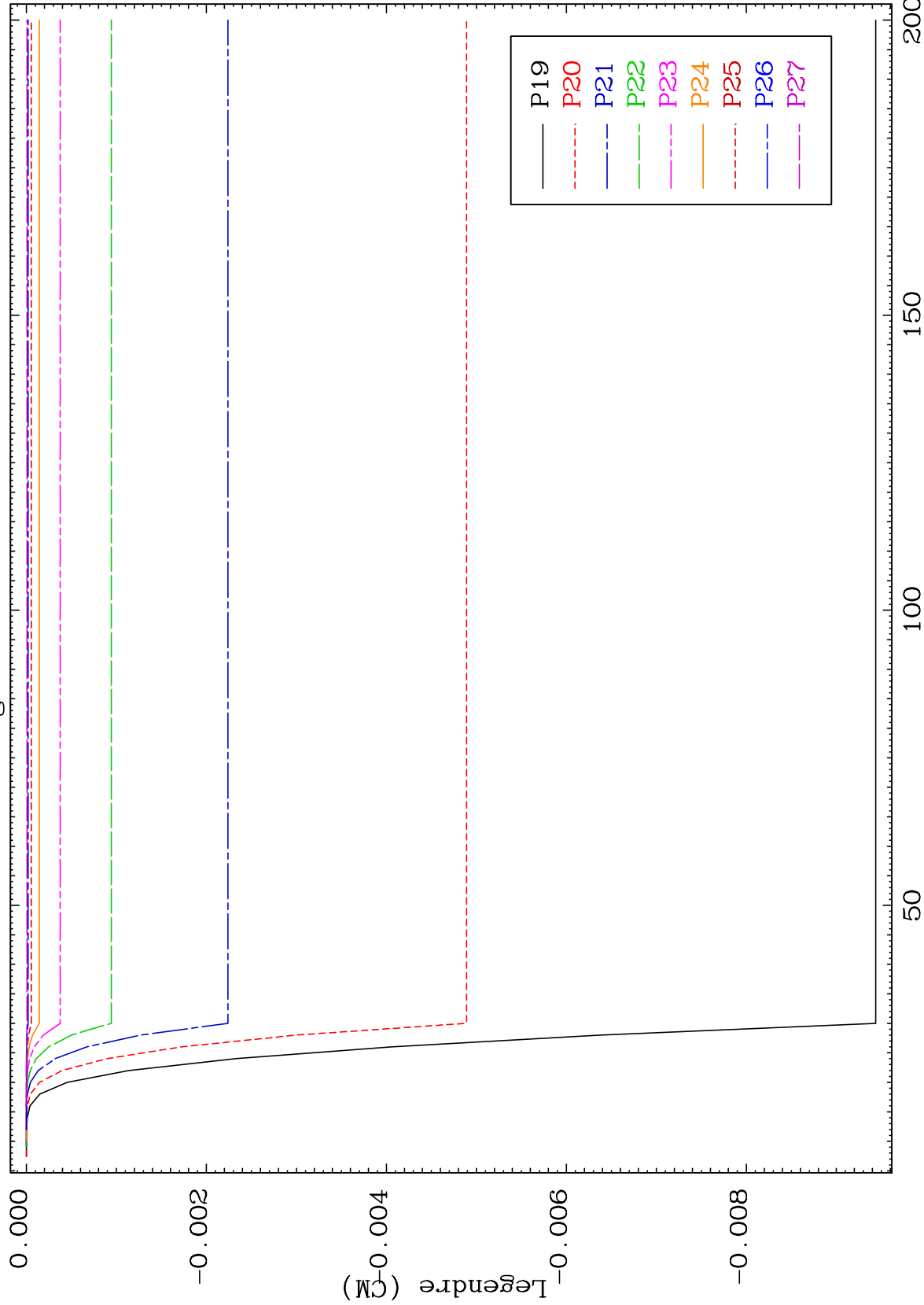


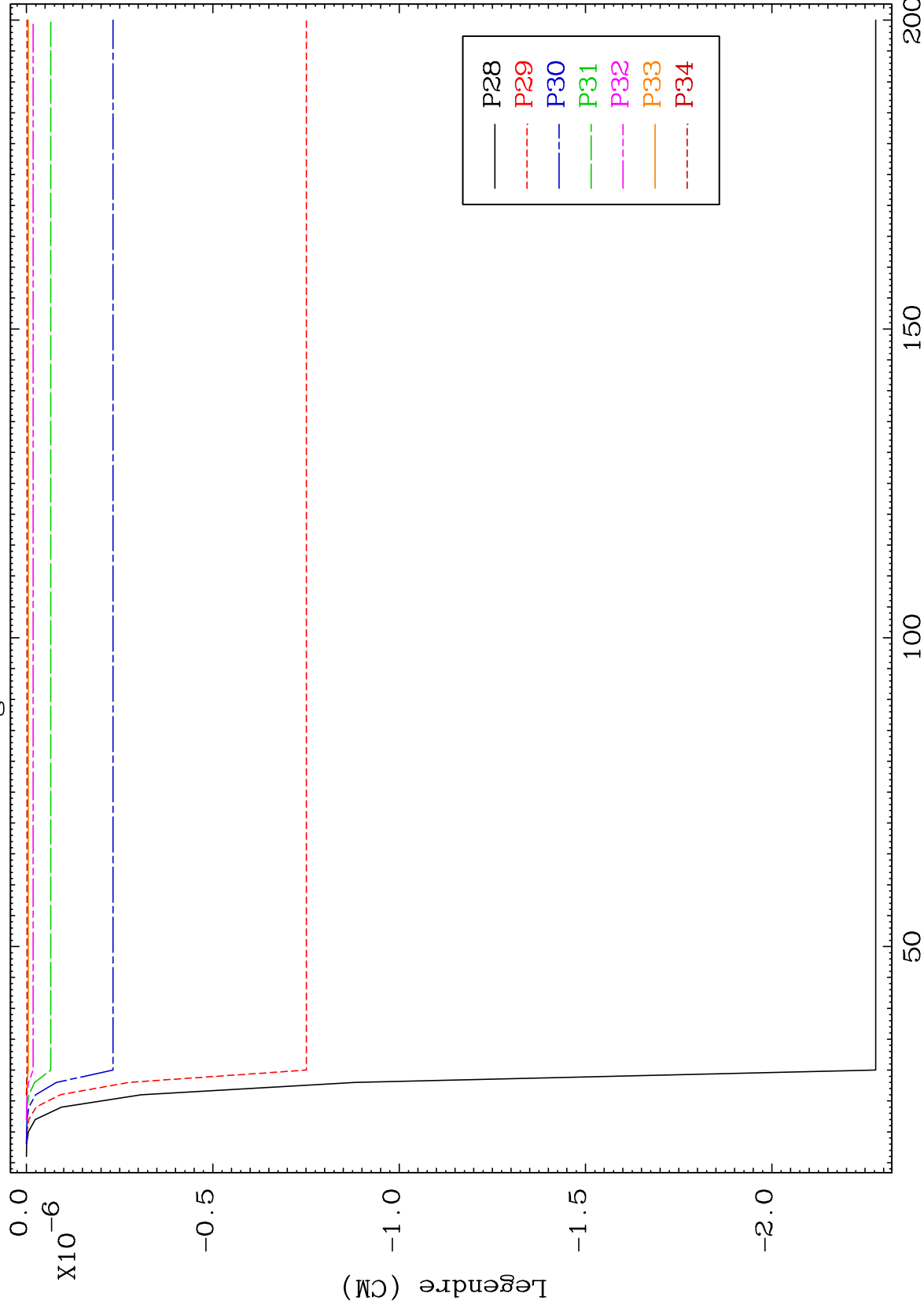
131

Incident Energy (MeV)

48-Cd-119

MAT 4864 MT= 79 (n,n') Level Legendre Coefficients 48-Cd-119

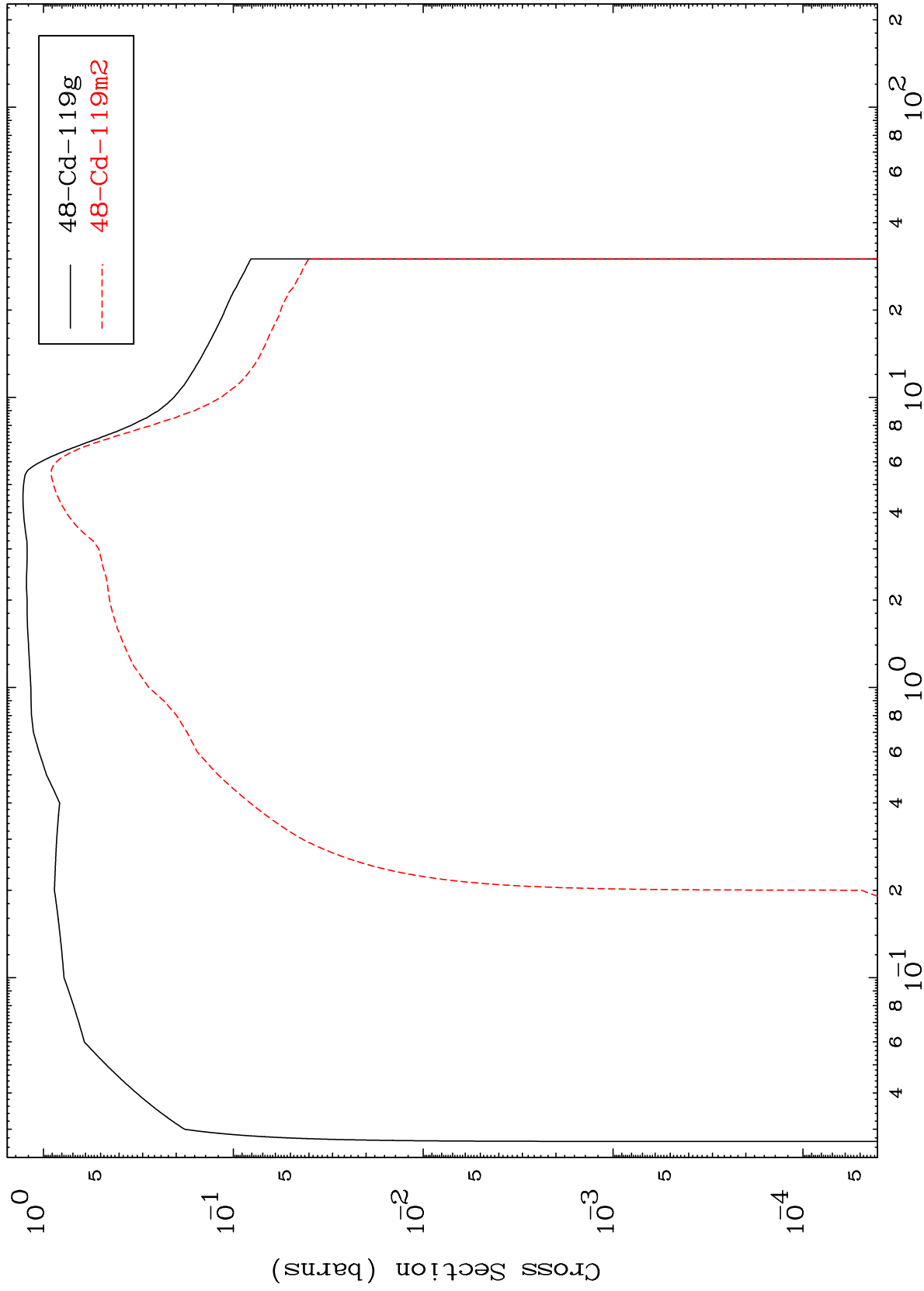




MAT 4864

48-Cd-119

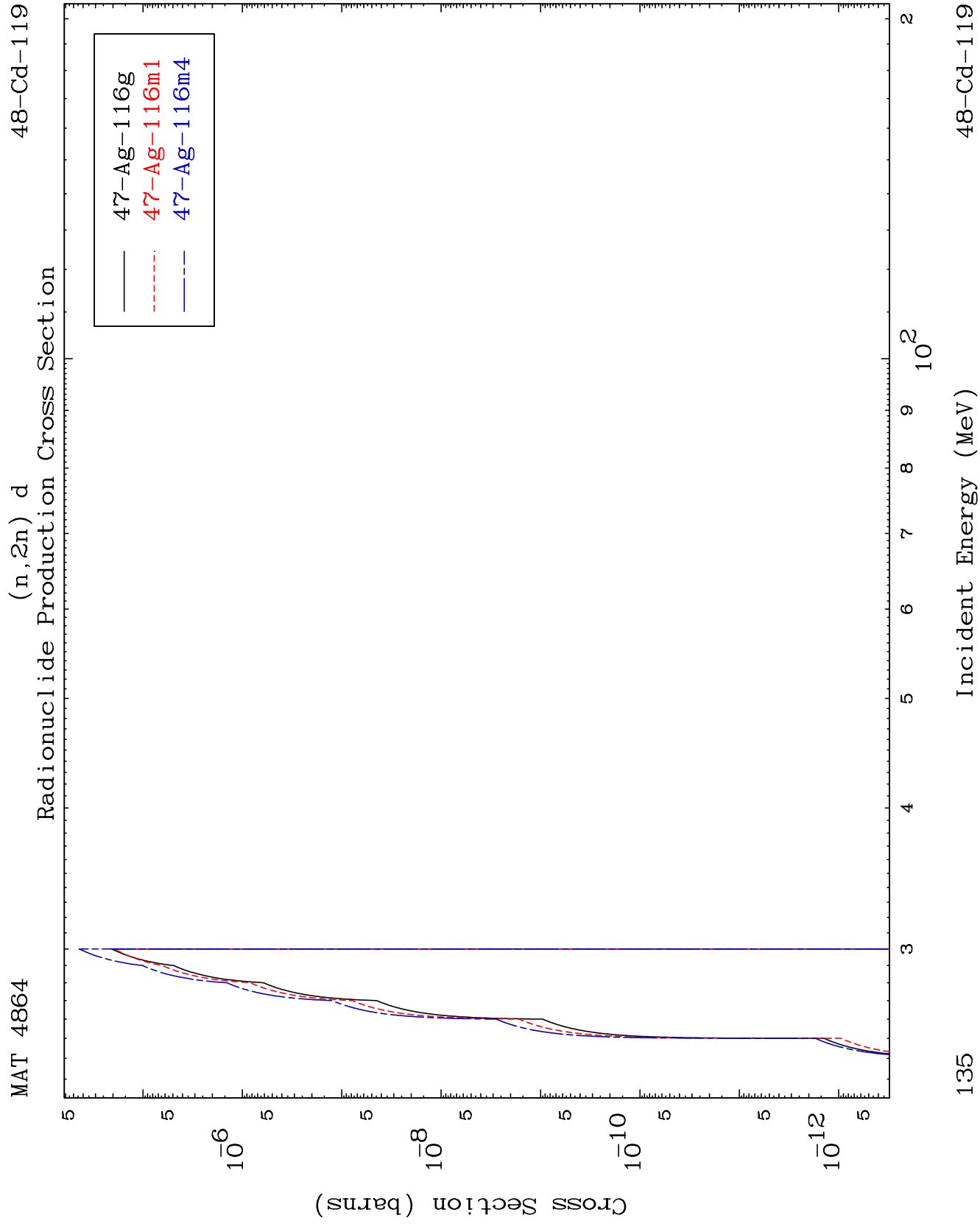
Inelastic
Radionuclide Production Cross Section



134

Incident Energy (MeV)

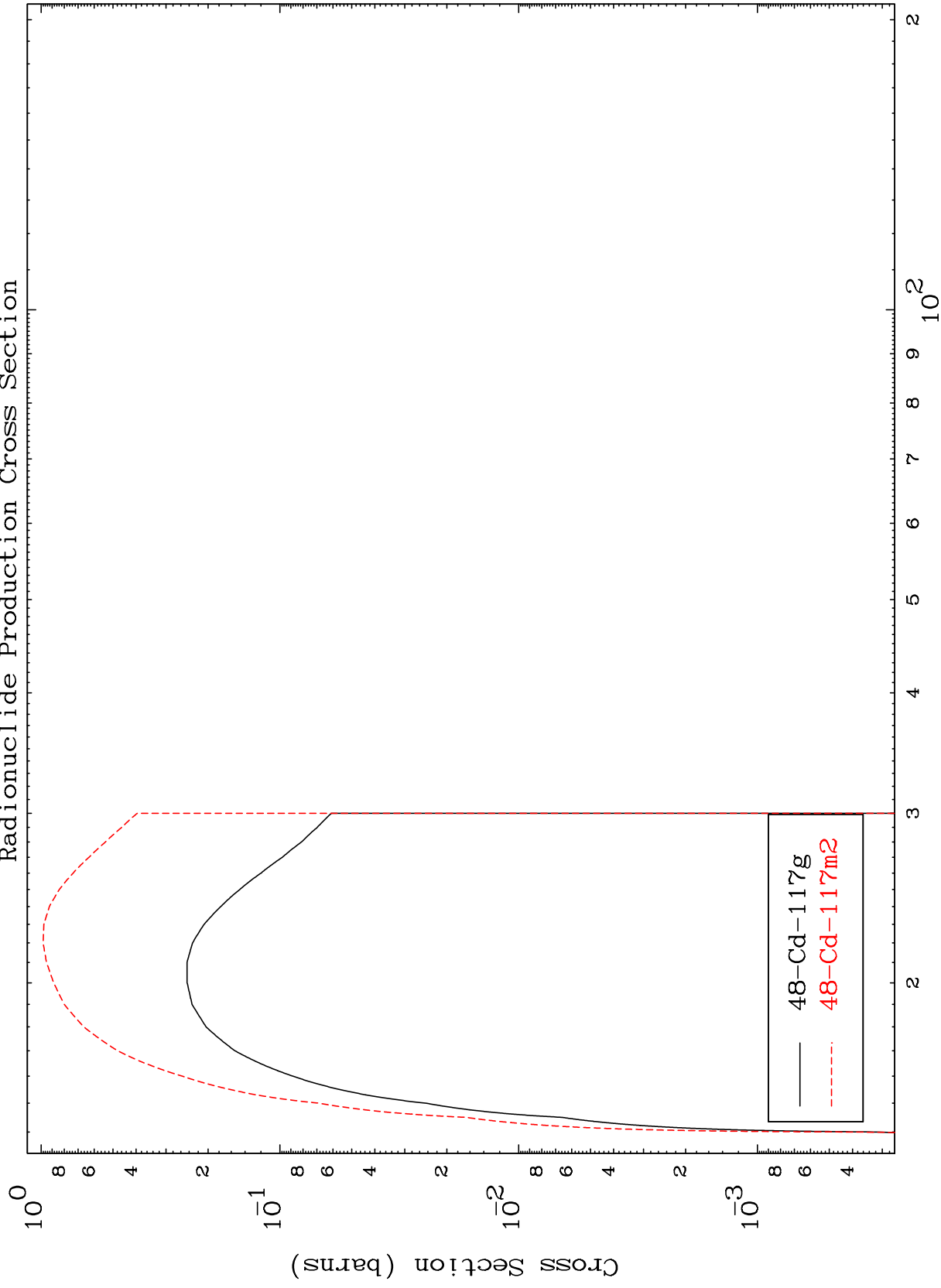
48-Cd-119



MAT 4864

48-Cd-119

(n,3n)
Radionuclide Production Cross Section



136

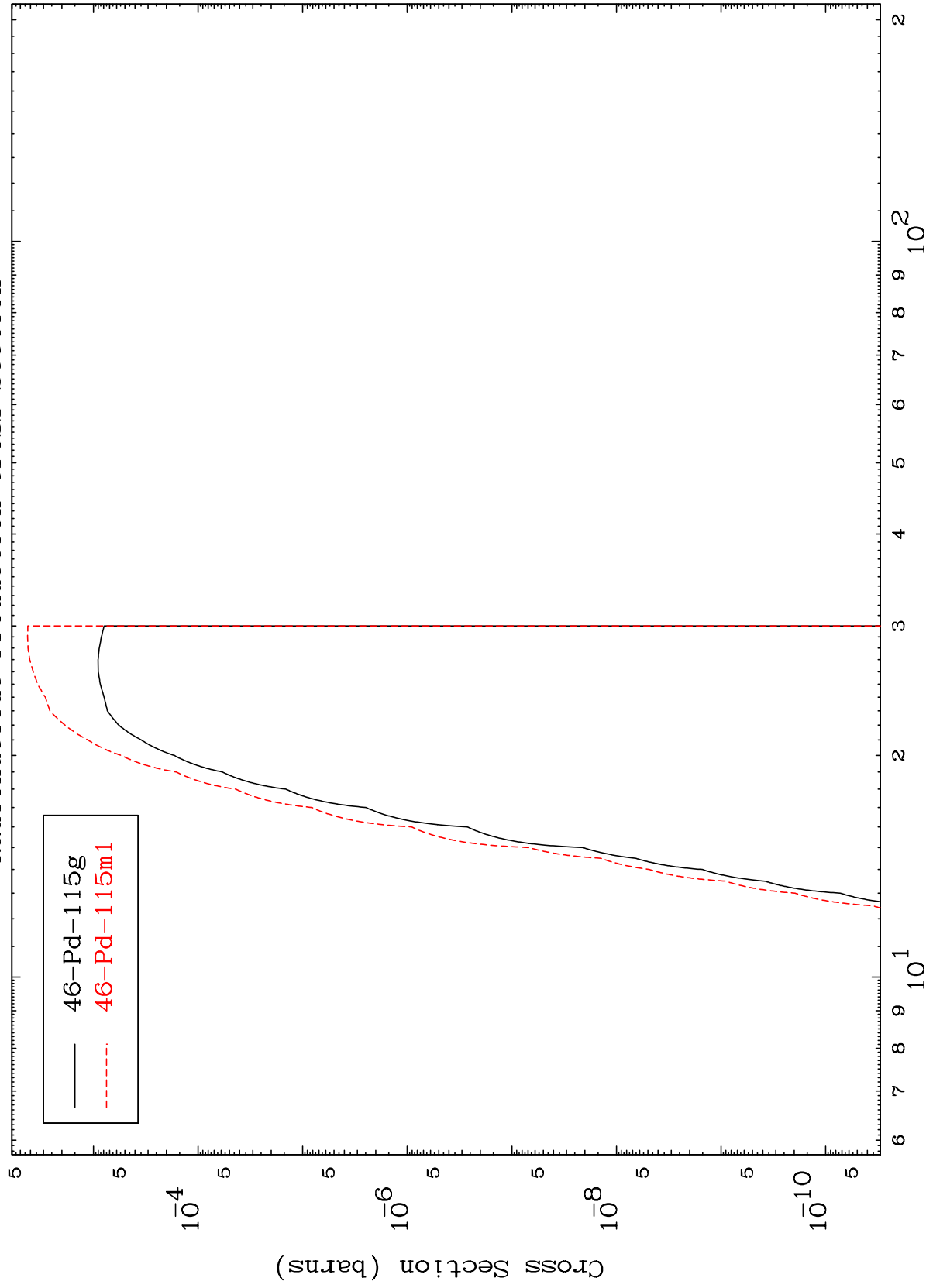
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

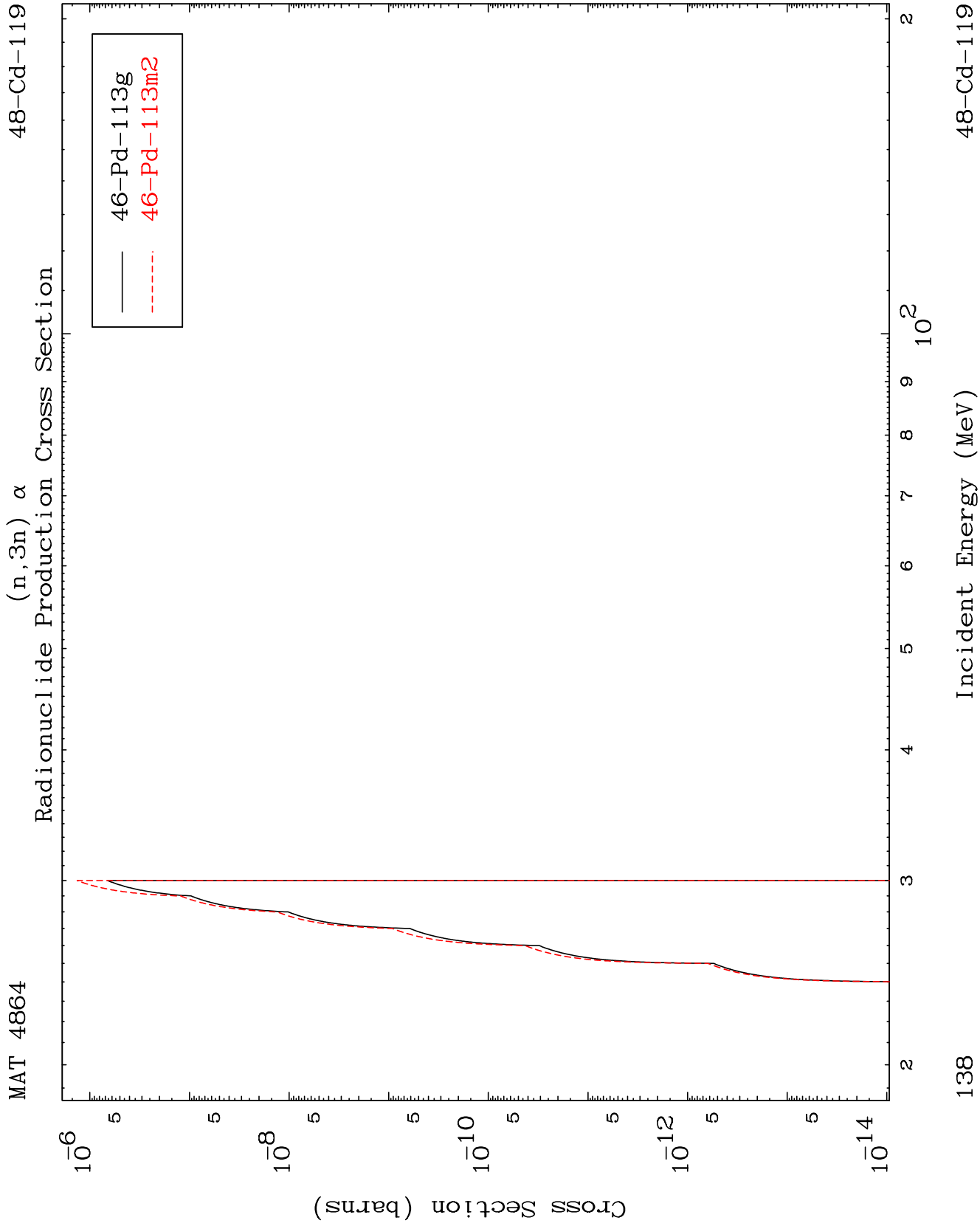
$(n,n') \alpha$
Radionuclide Production Cross Section



137

Incident Energy (MeV)

48-Cd-119

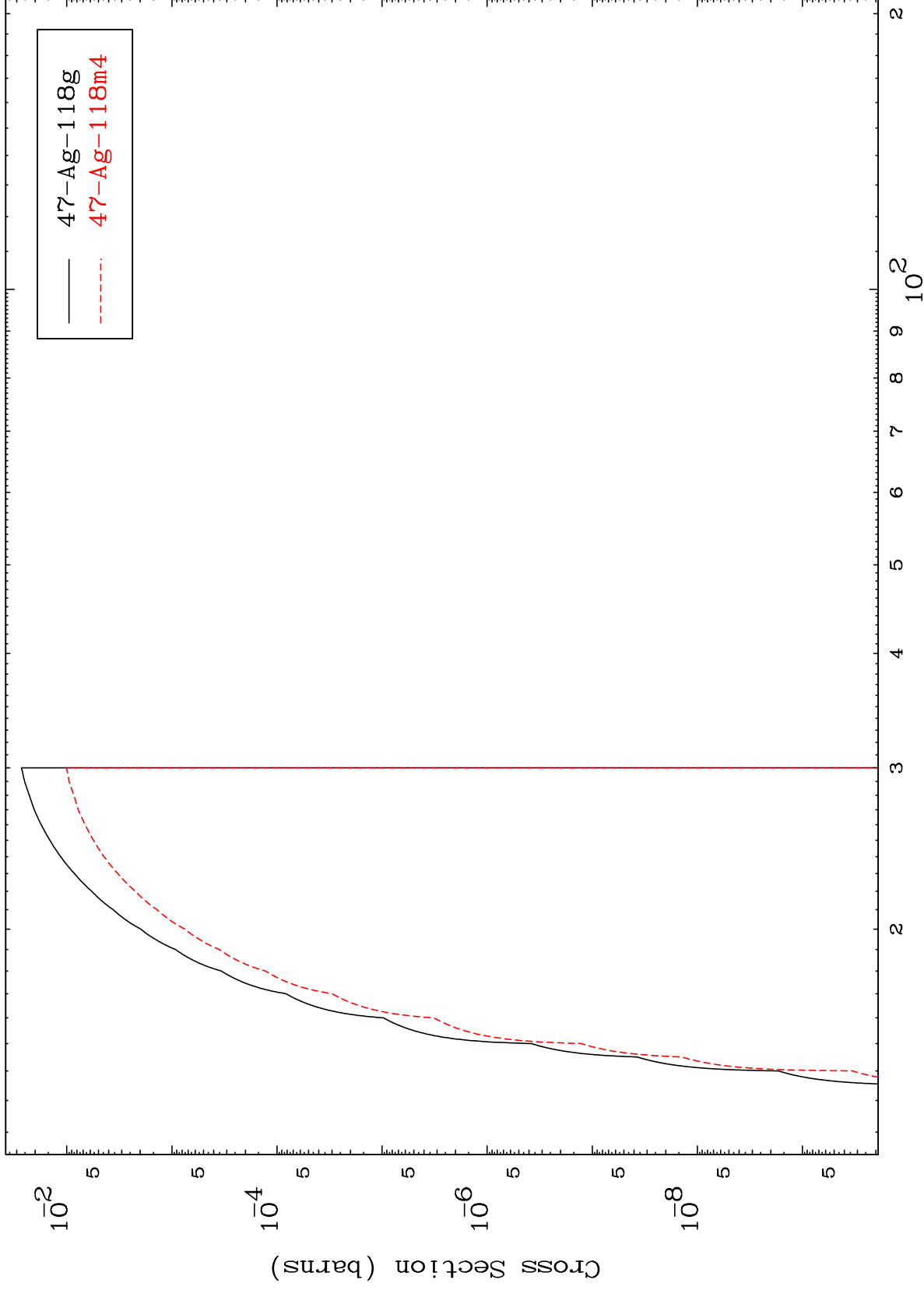


MAT 4864

(n,n') p

48-Cd-119

Radionuclide Production Cross Section



139

Incident Energy (MeV)

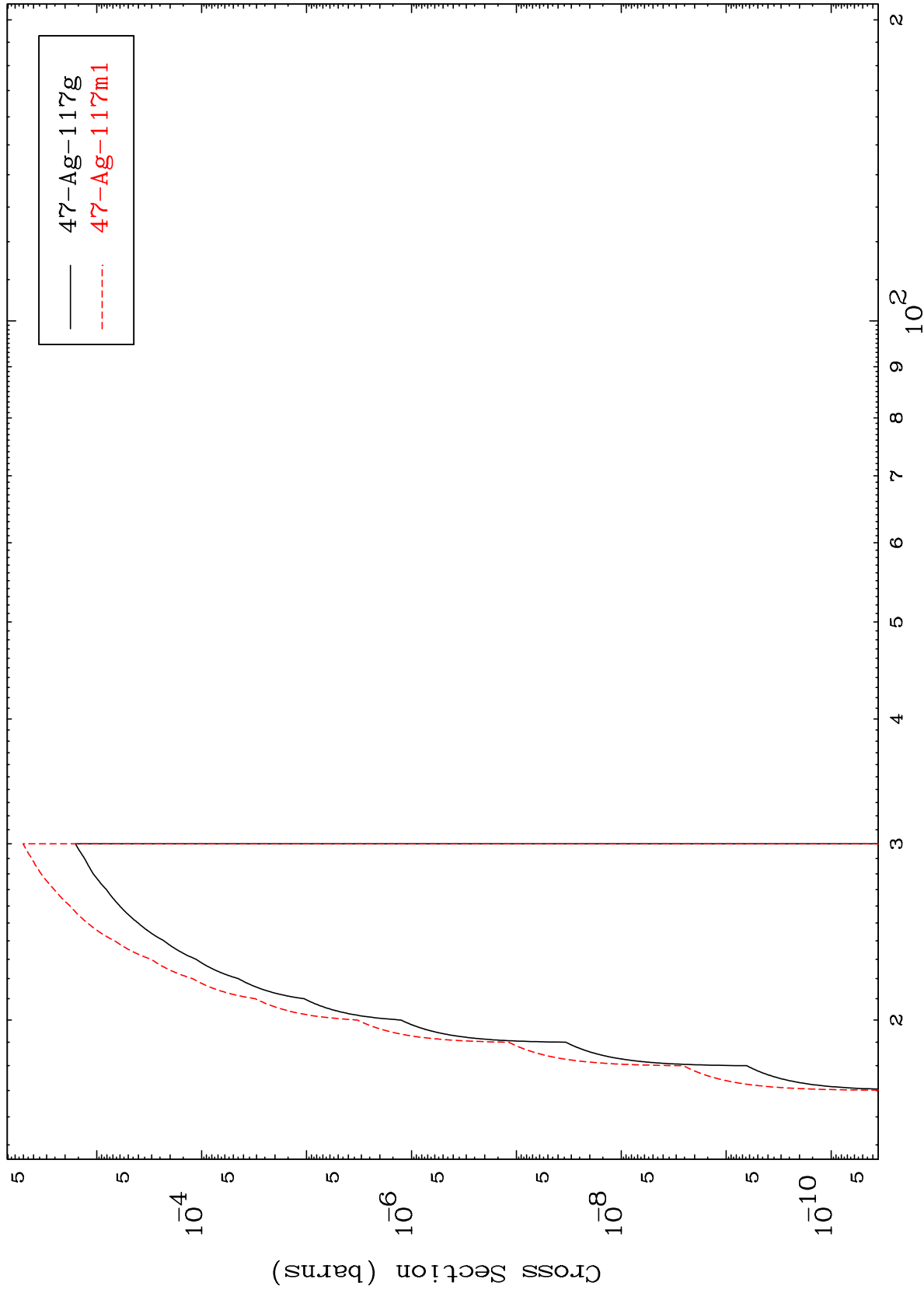
48-Cd-119

MAT 4864

(n,n') d

48-Cd-119

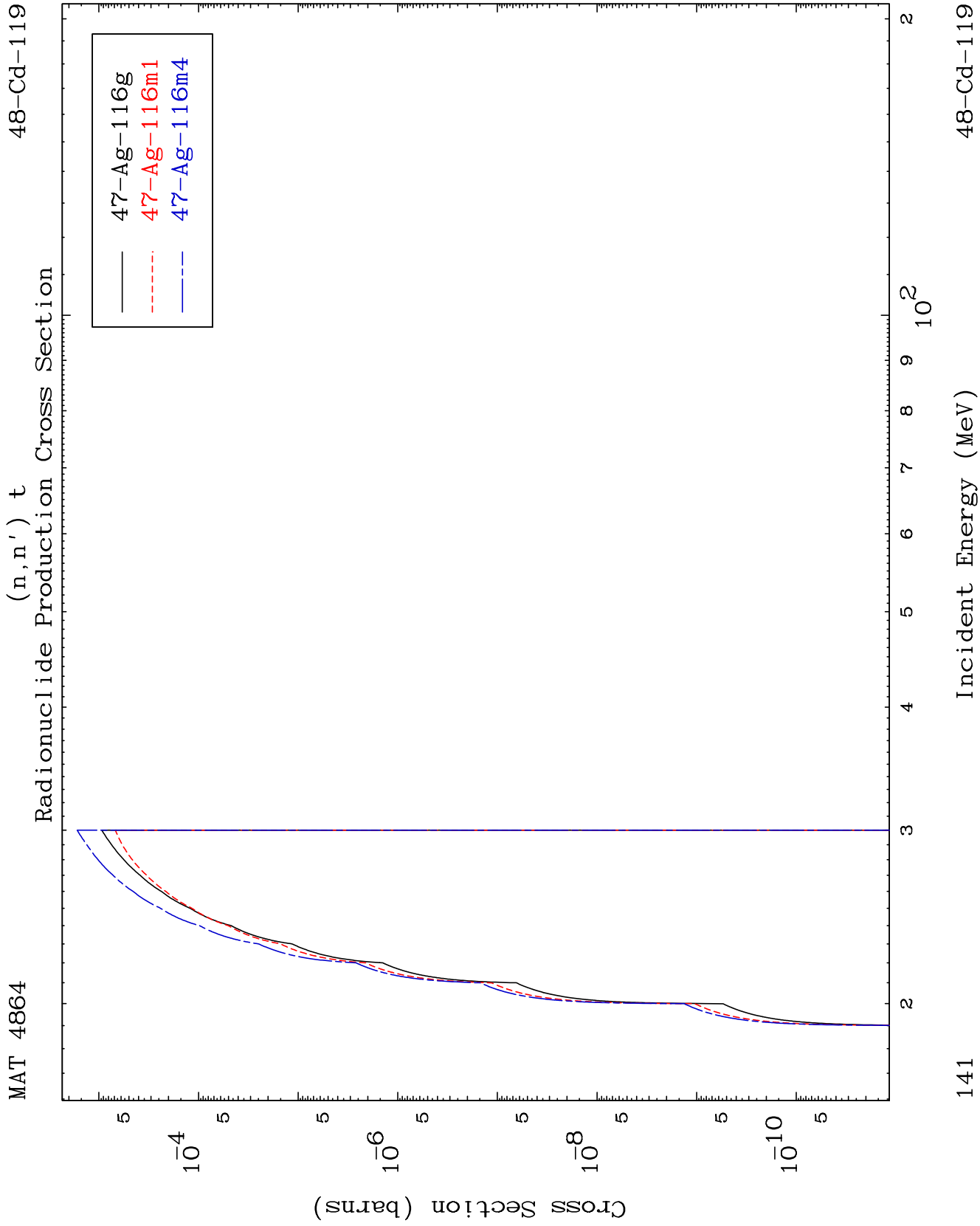
Radionuclide Production Cross Section



140

Incident Energy (MeV)

48-Cd-119

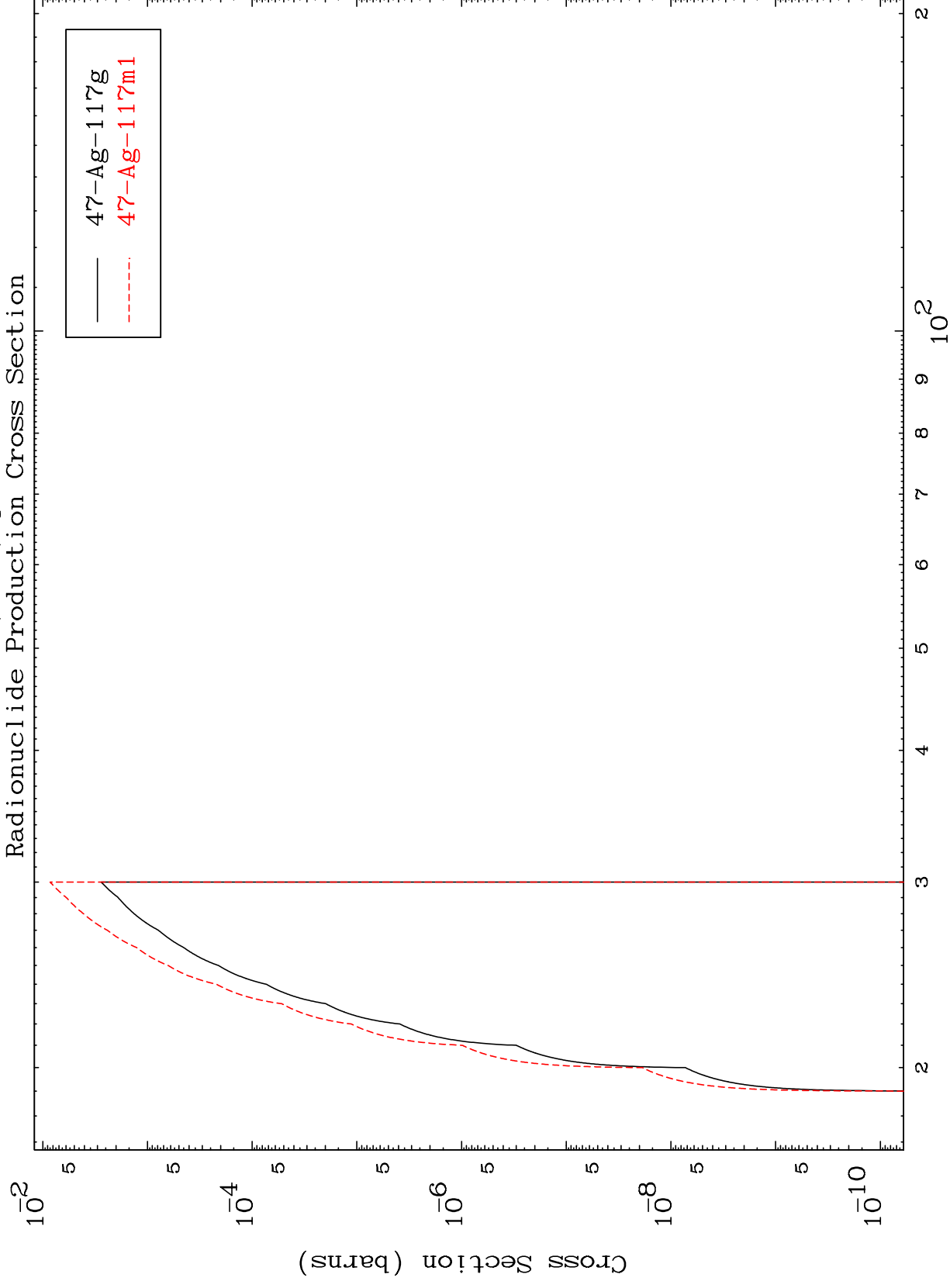


MAT 4864

$$(n, 2n) \text{ p}$$

48-Cd-119

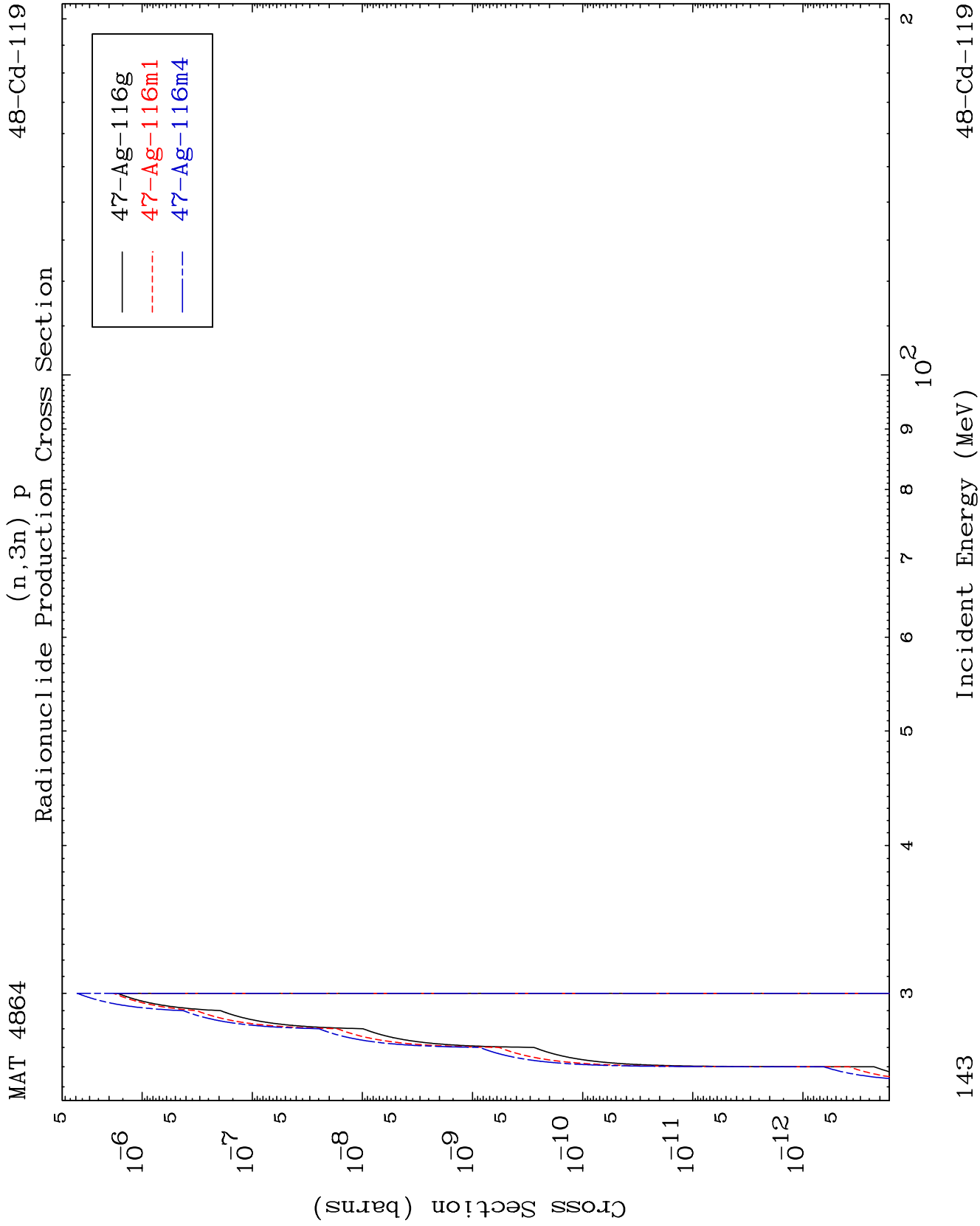
Radionuclide Production Cross Section



142

Incident Energy (MeV)

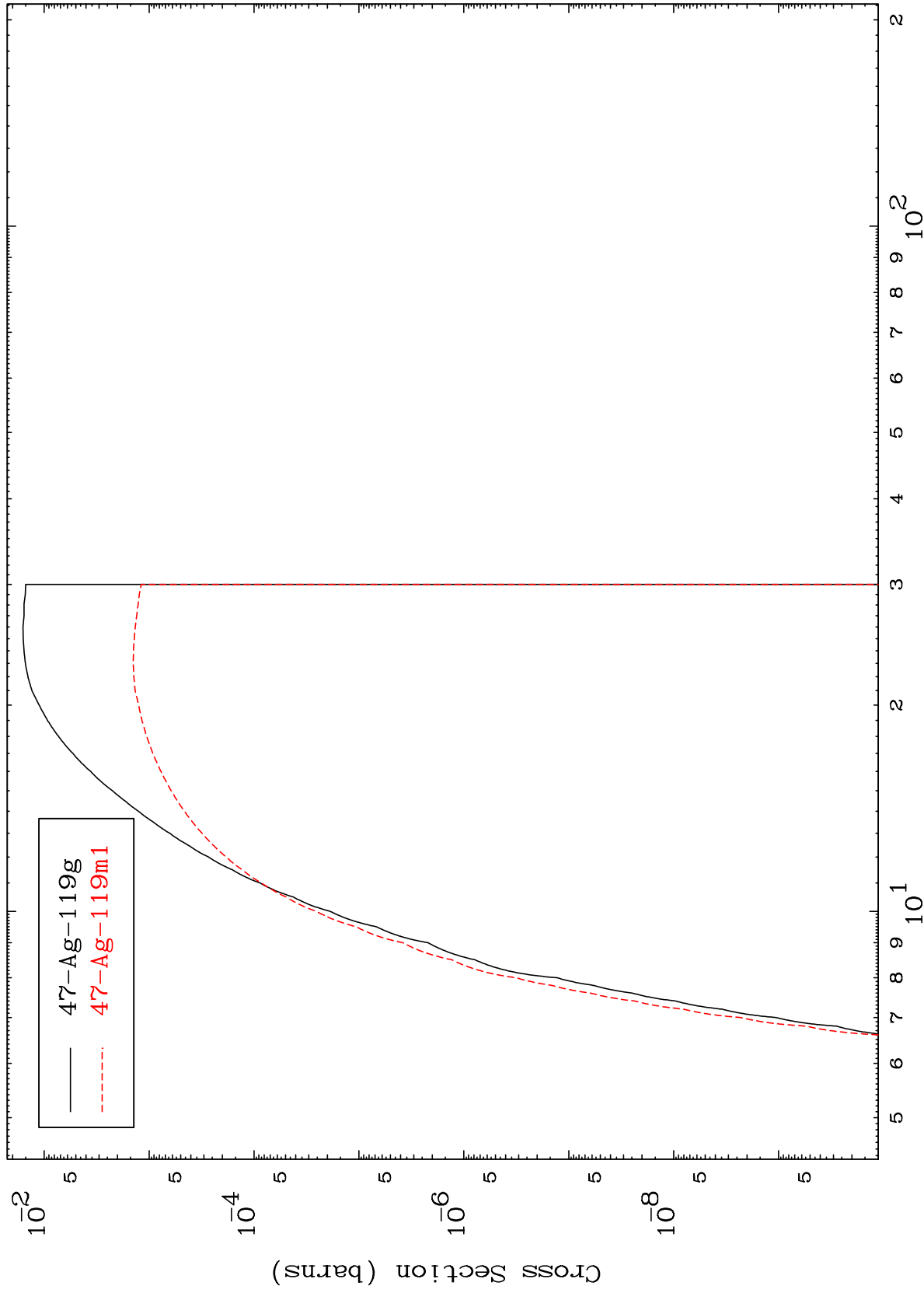
48-Cd-119



MAT 4864

48-Cd-119

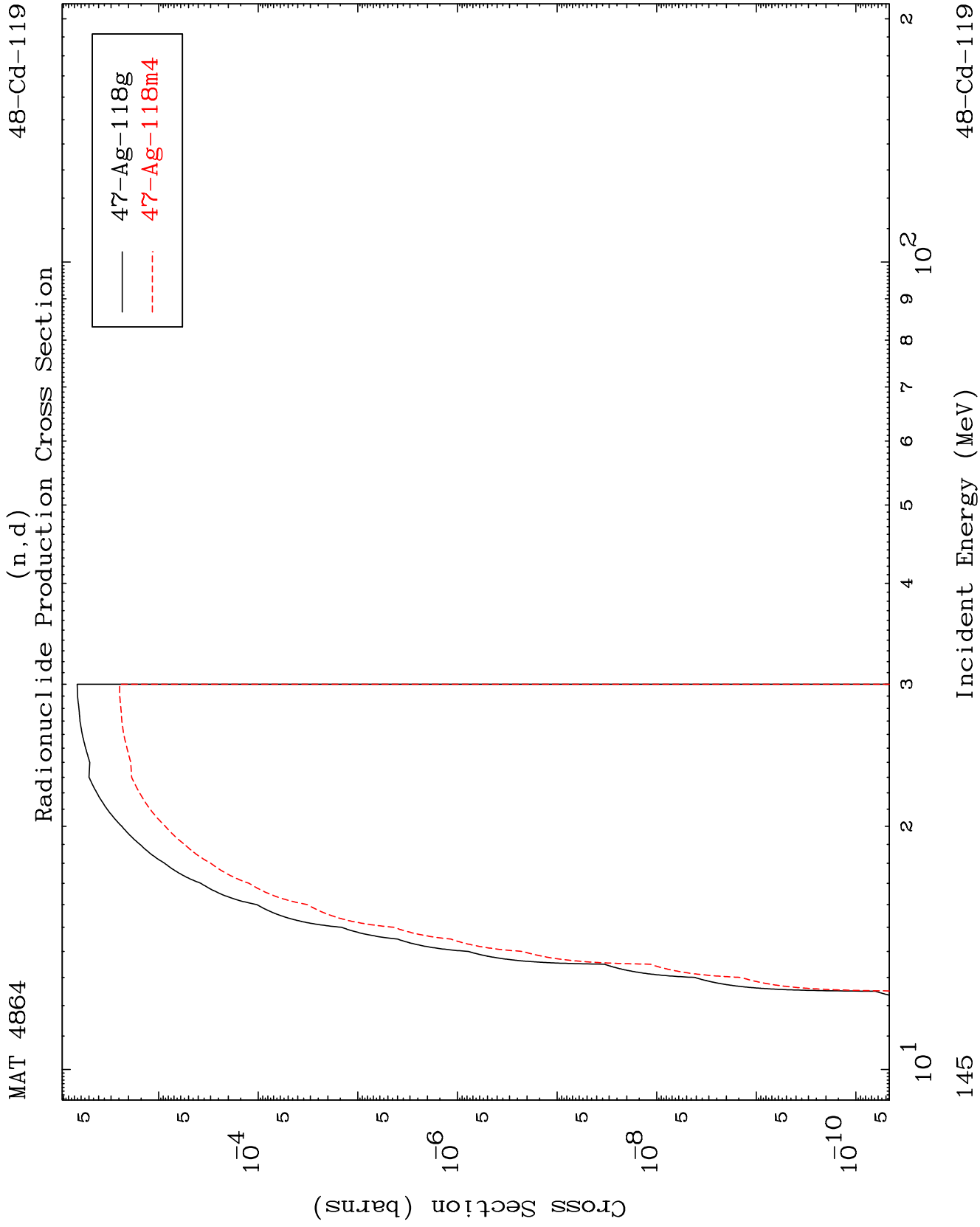
(n,p)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

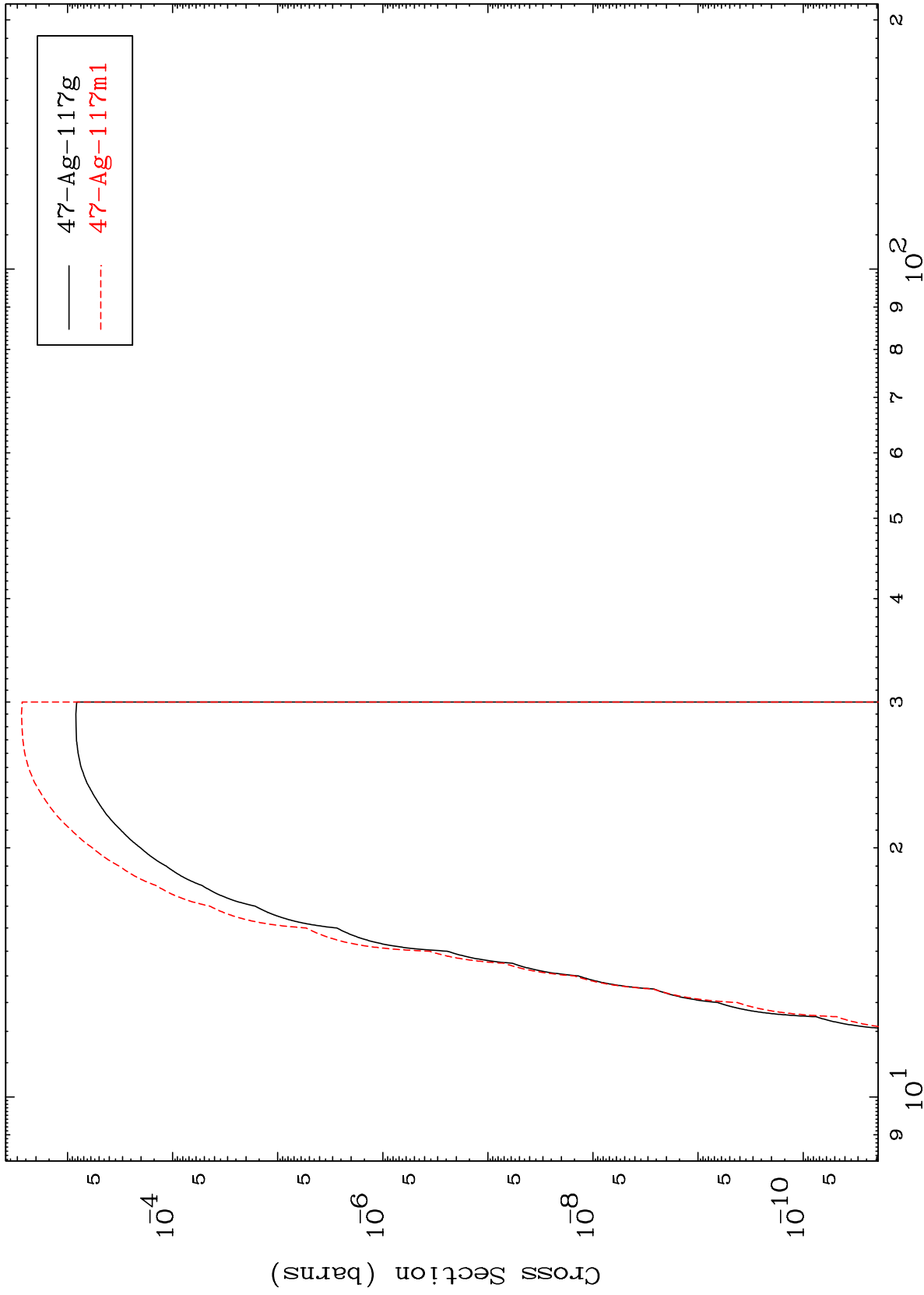
48-Cd-119



MAT 4864

48-Cd-119

(n,t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

48-Cd-119