

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

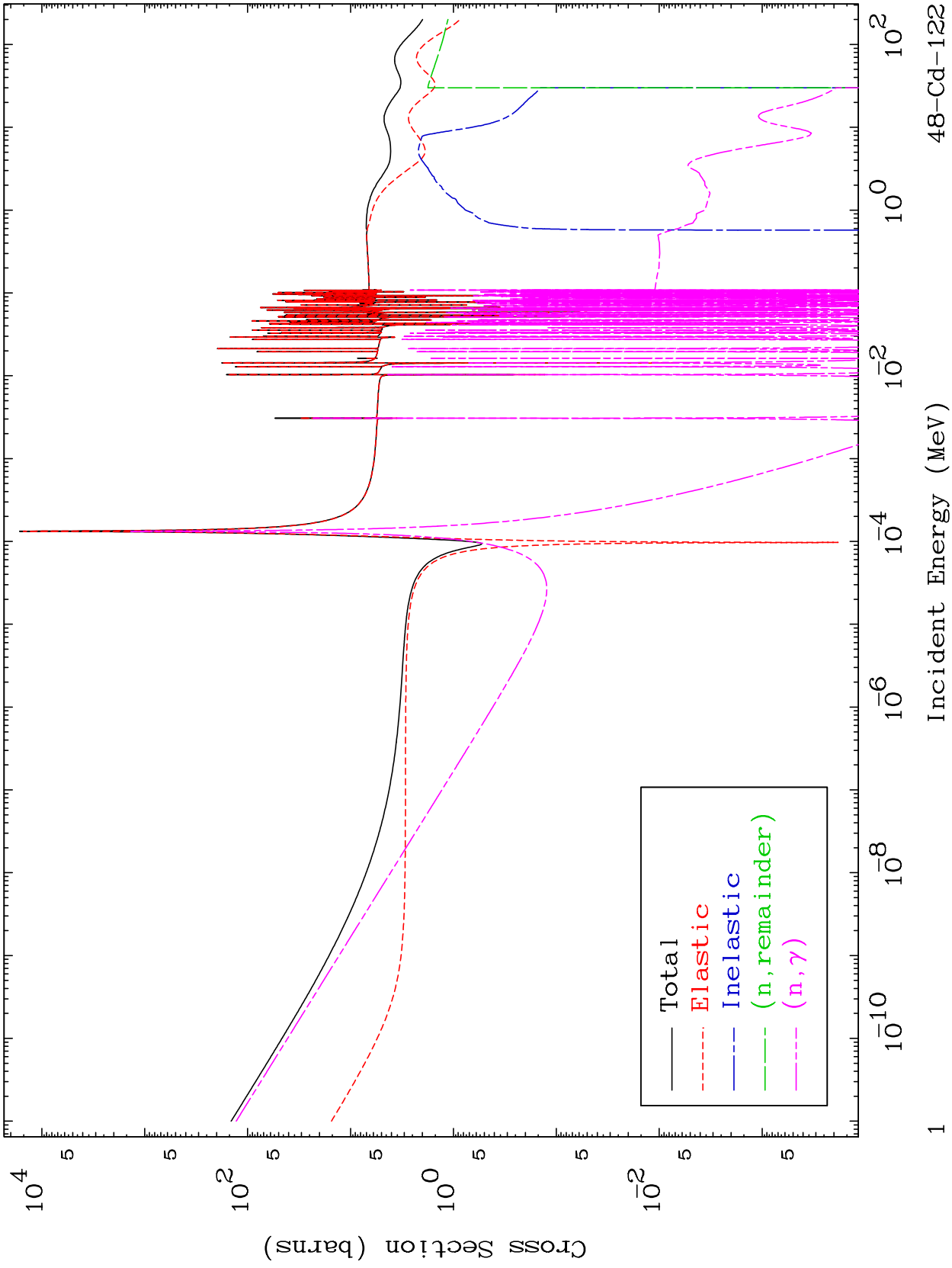
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4873

Major
293 Kelvin Cross Sections

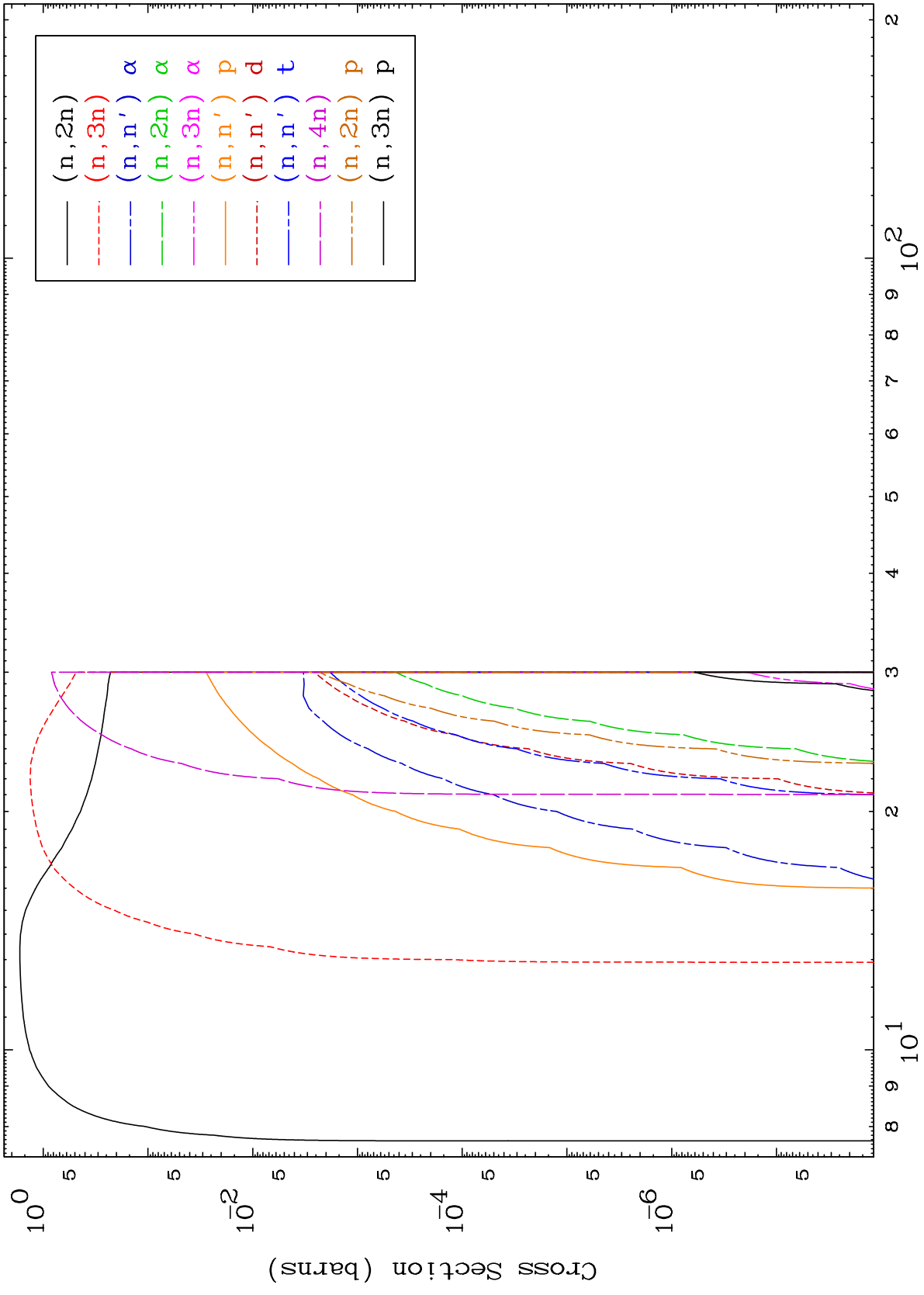
48-Cd-122



MAT 4873

Neutron Production
293 Kelvin Cross Sections

48-Cd-122



2

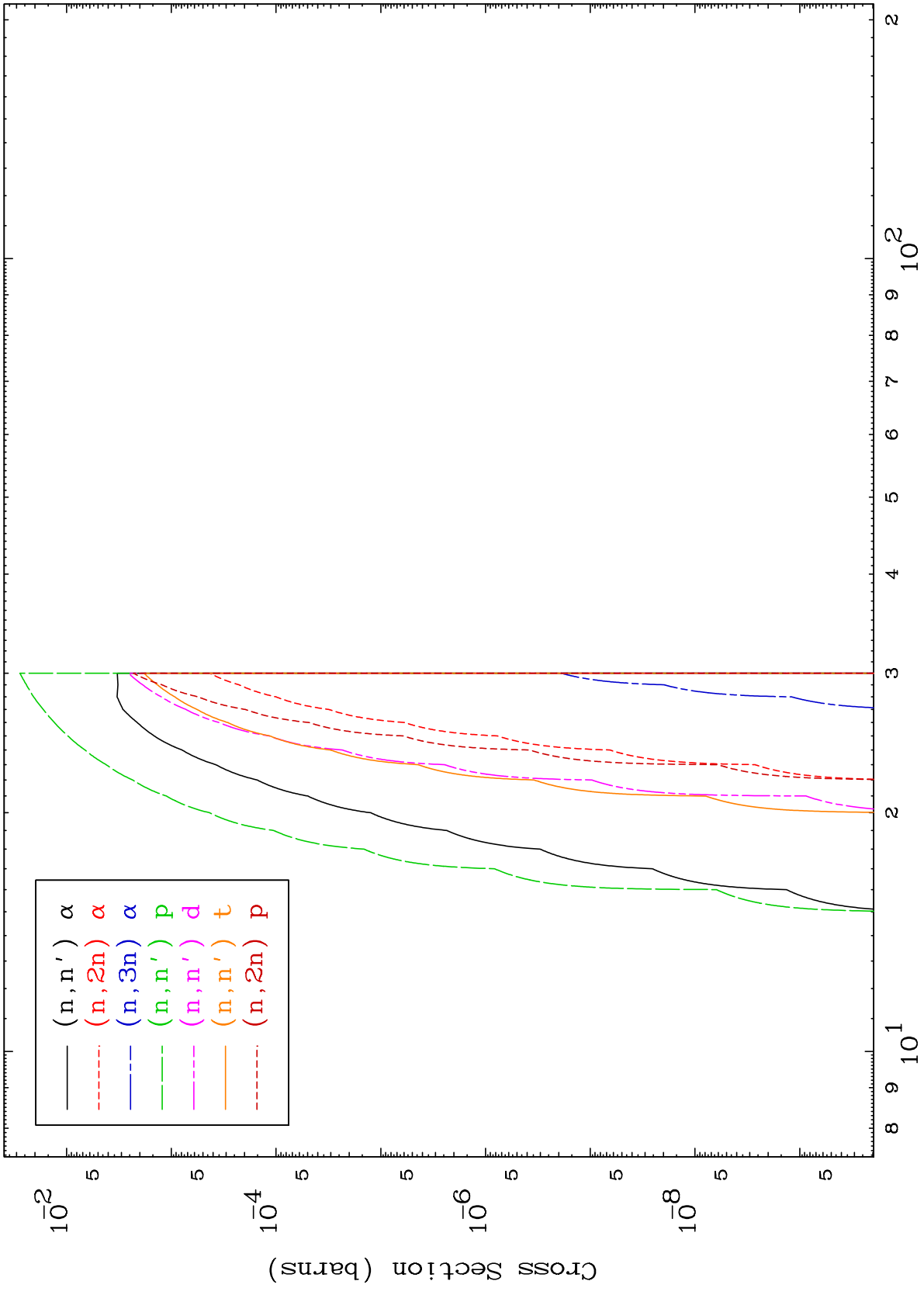
Incident Energy (MeV)

48-Cd-122

MAT 4873

Charged Particle
293 Kelvin Cross Sections

48-Cd-122



3

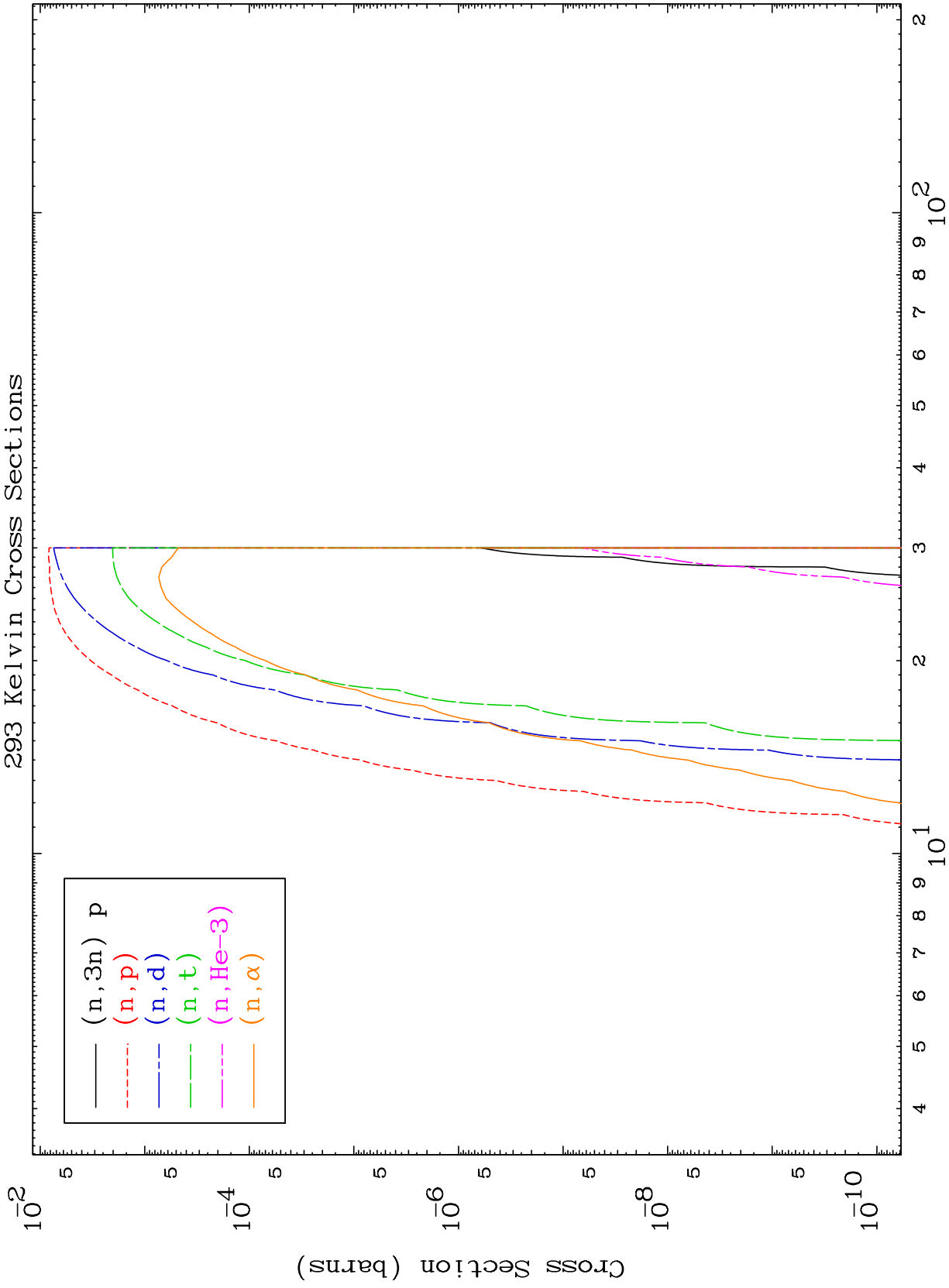
Incident Energy (MeV)

48-Cd-122

MAT 4873

Charged Particle
293 Kelvin Cross Sections

48-Cd-122



4

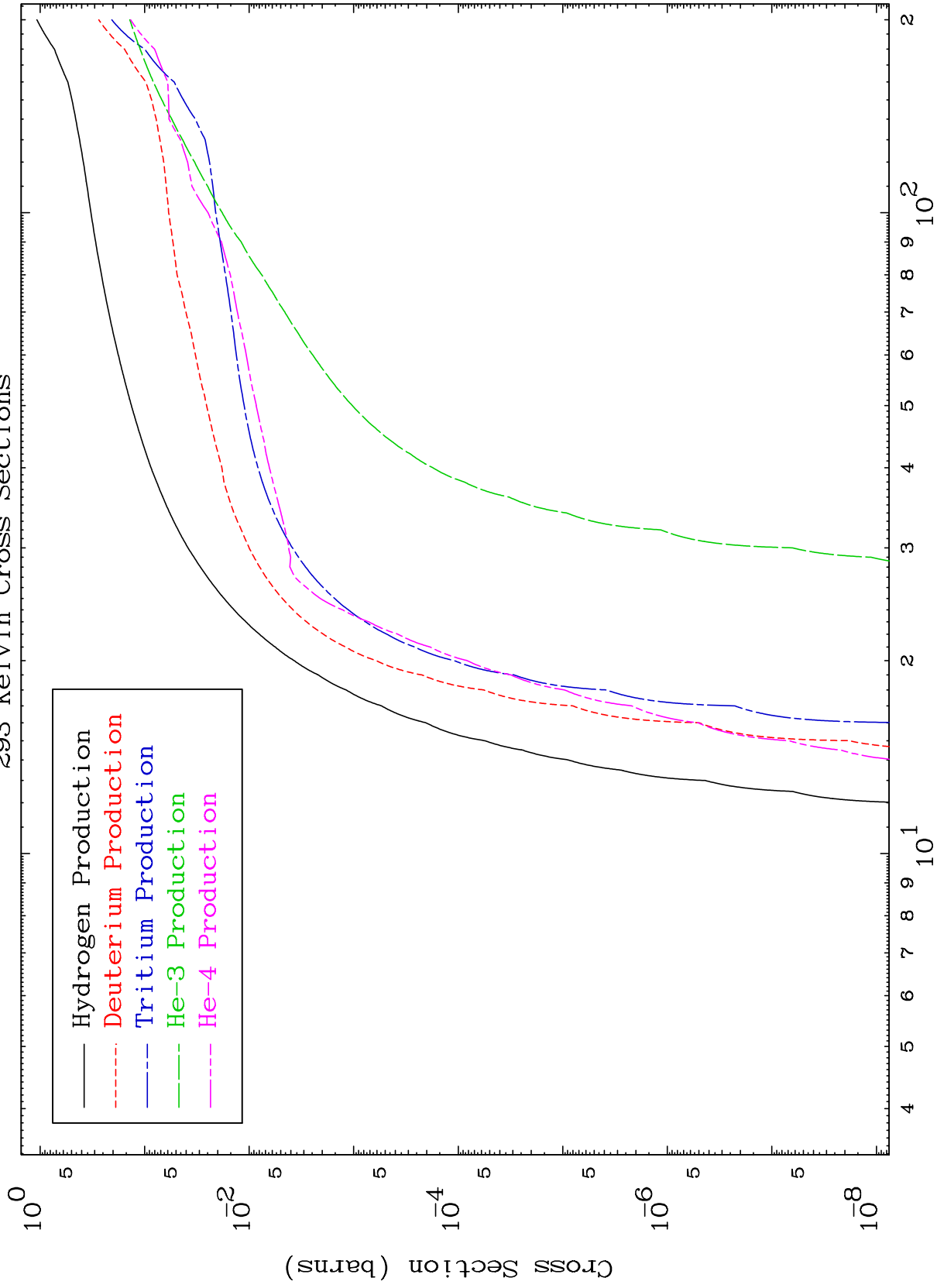
Incident Energy (MeV)

48-Cd-122

MAT 4873

Particle Production
293 Kelvin Cross Sections

48-Cd-122



5

Incident Energy (MeV)

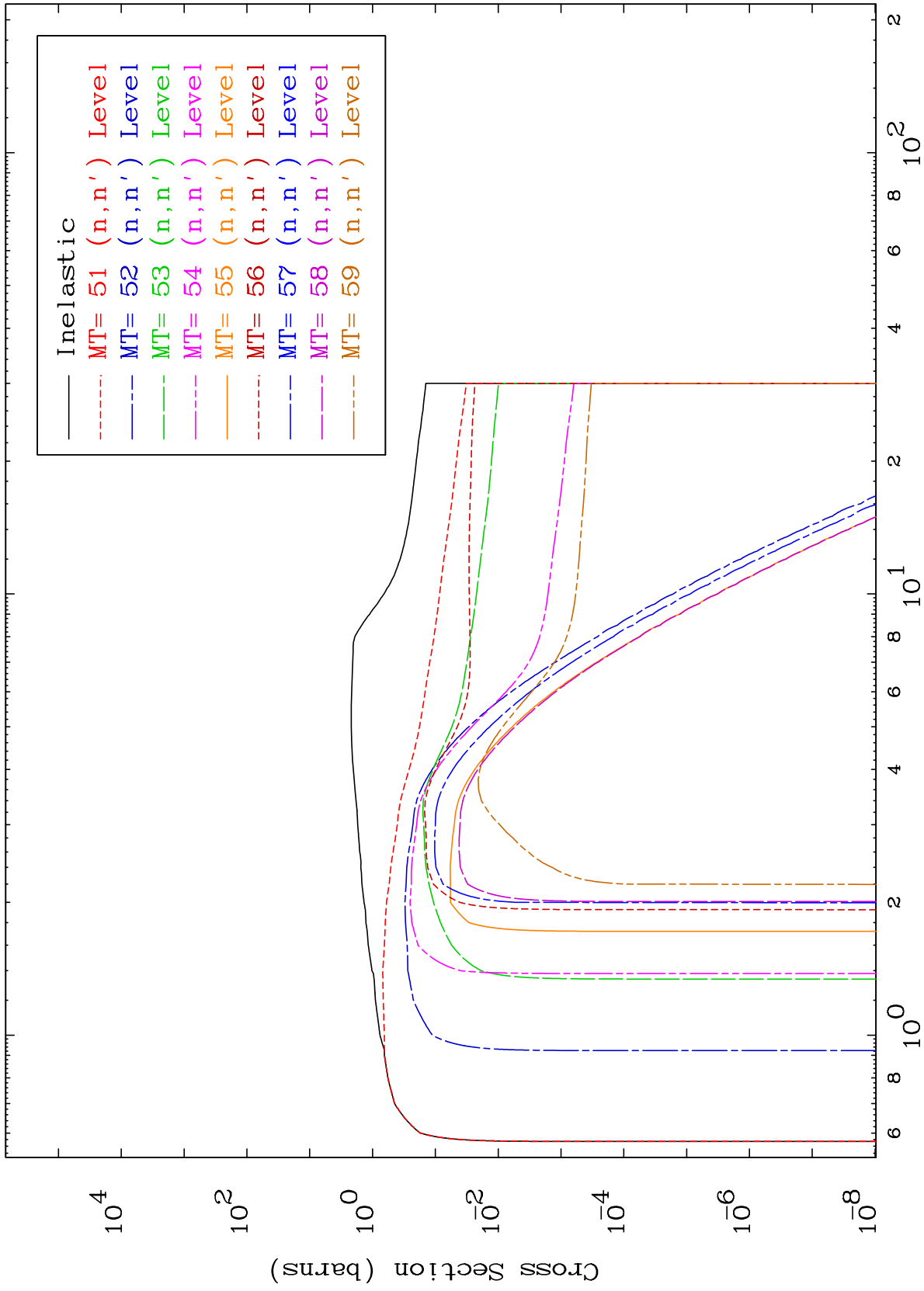
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



6

Incident Energy (MeV)

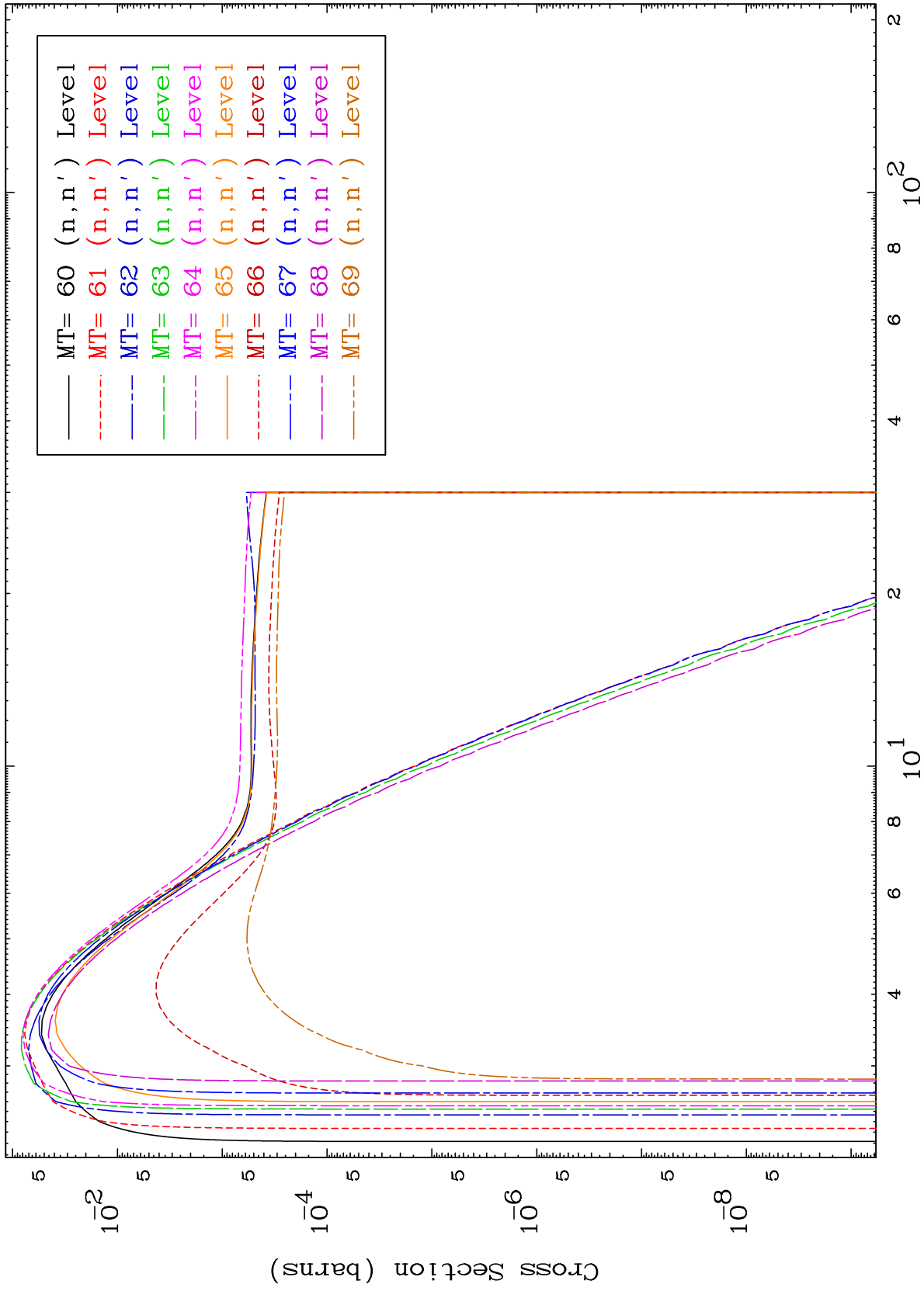
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



7

Incident Energy (MeV)

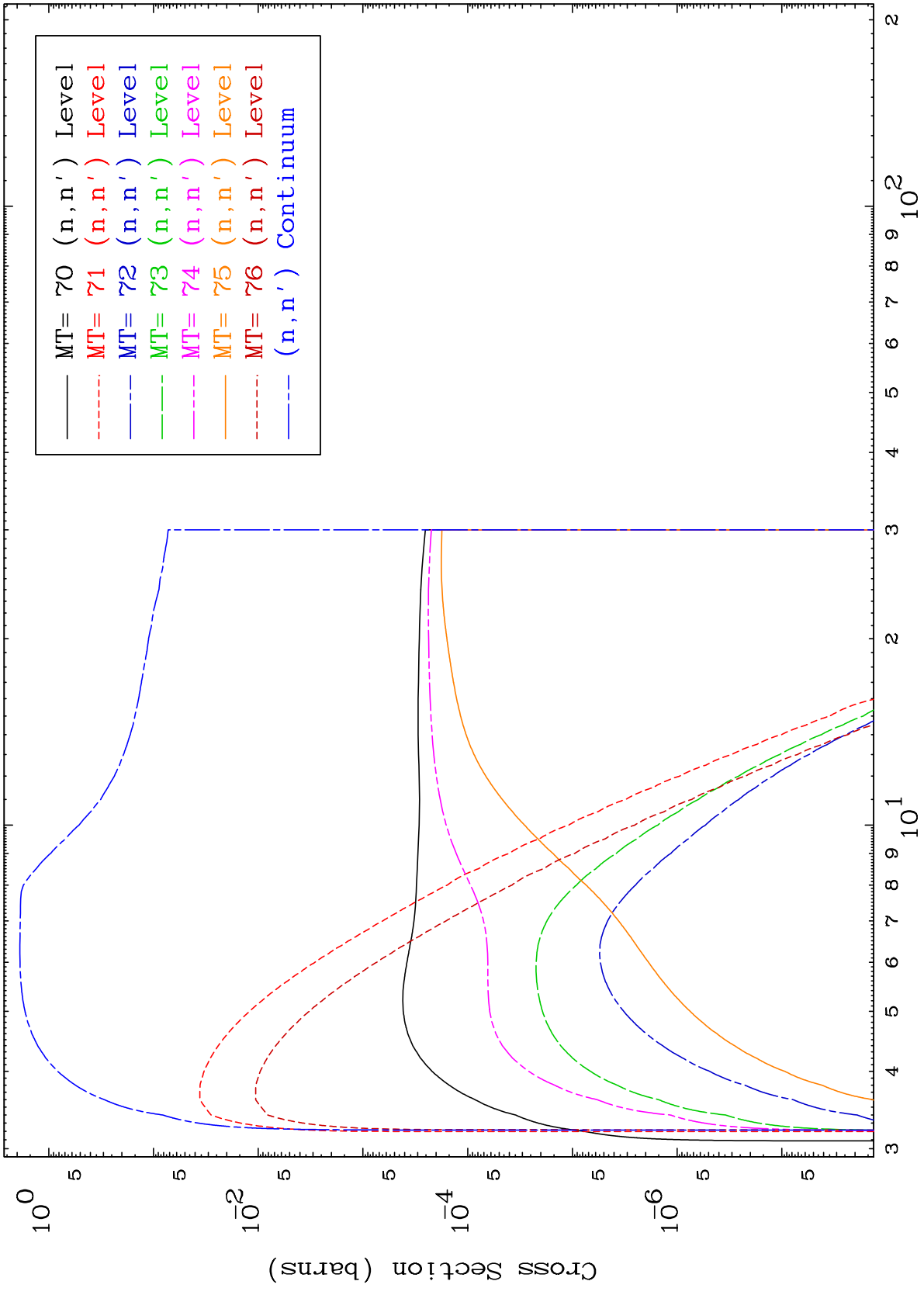
48-Cd-122

MAT 4873

(n,n') Level

48-Cd-122

293 Kelvin Cross Sections



8

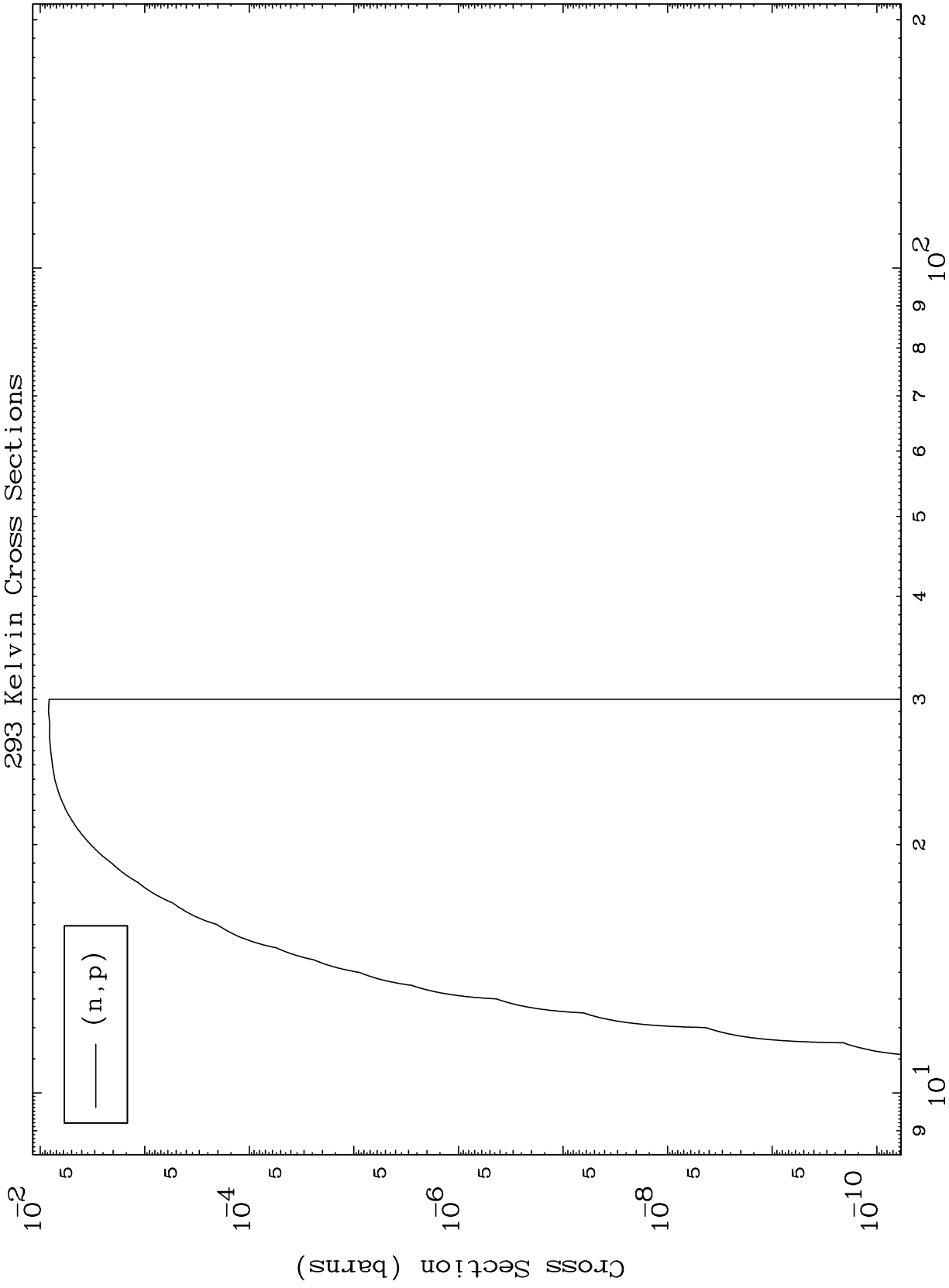
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-122



9

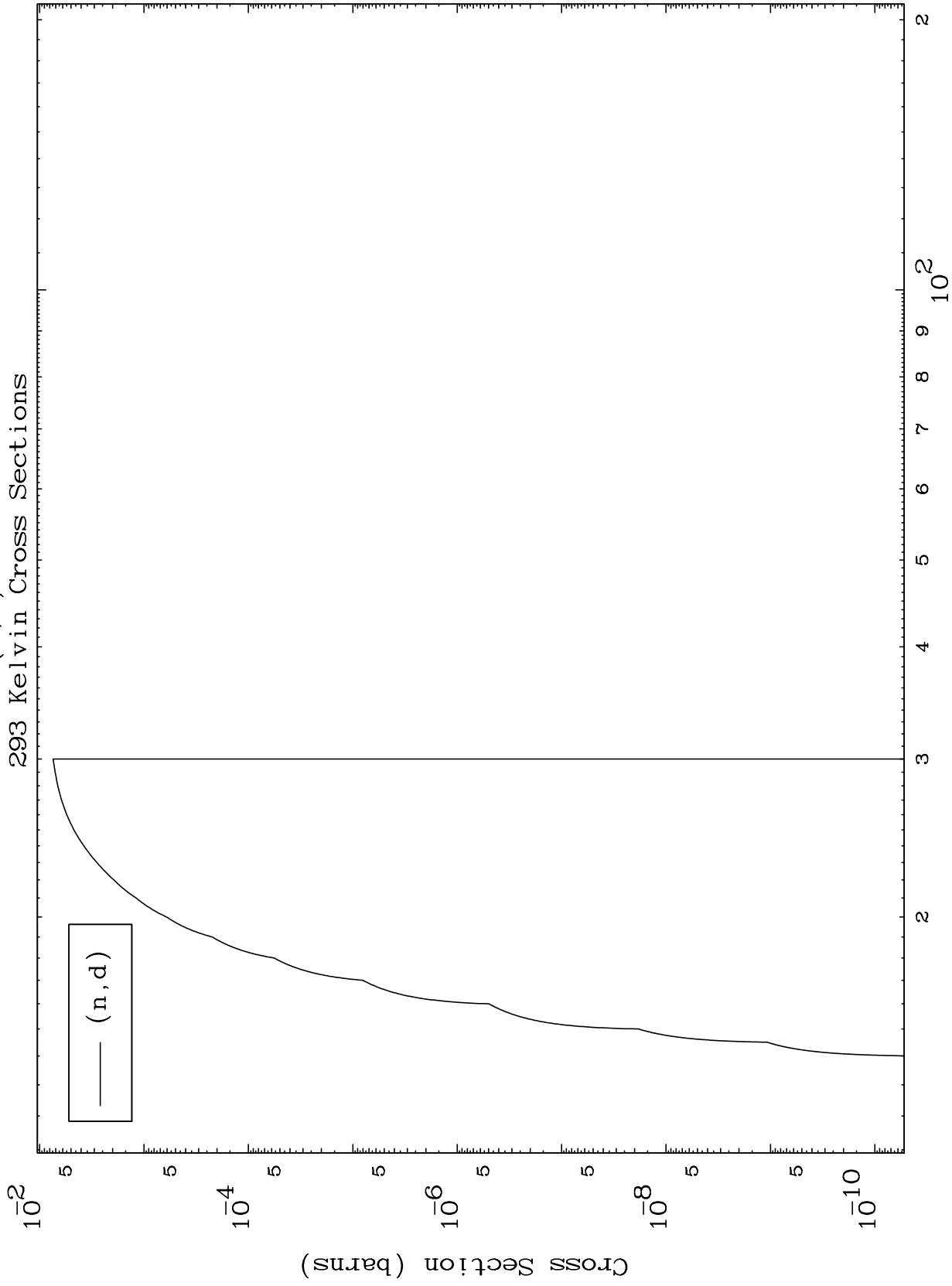
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-122



10

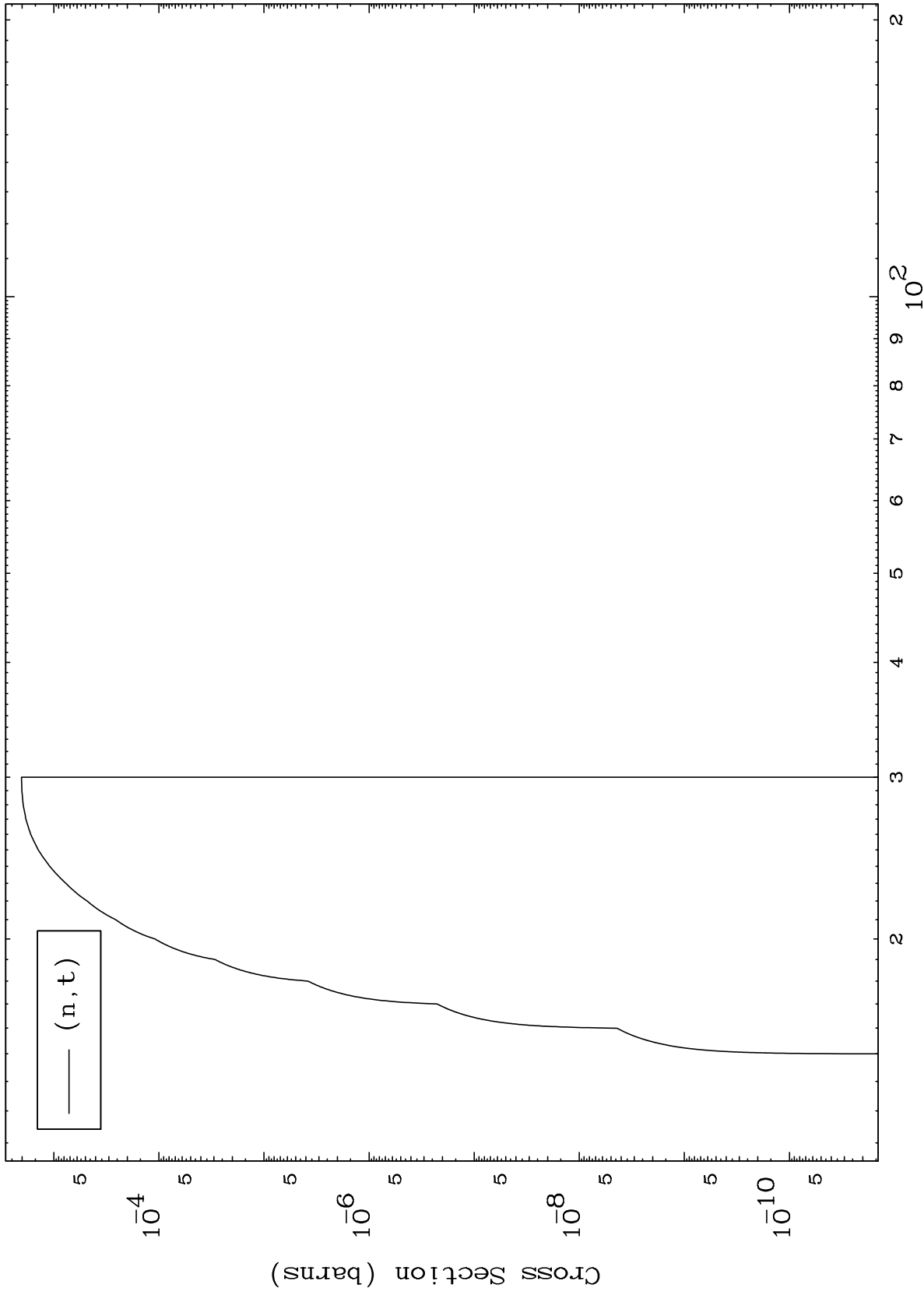
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-122



11

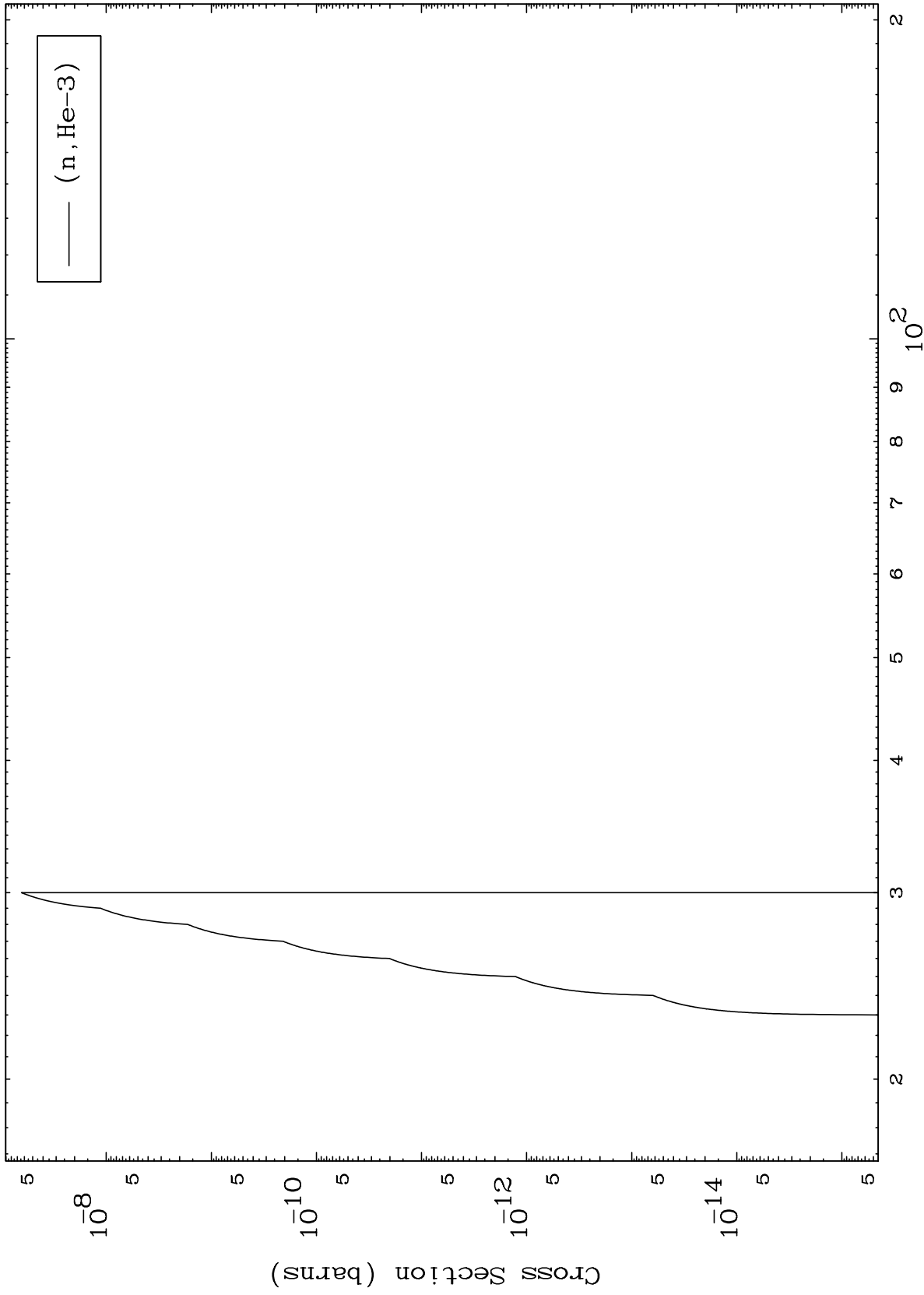
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-122



12

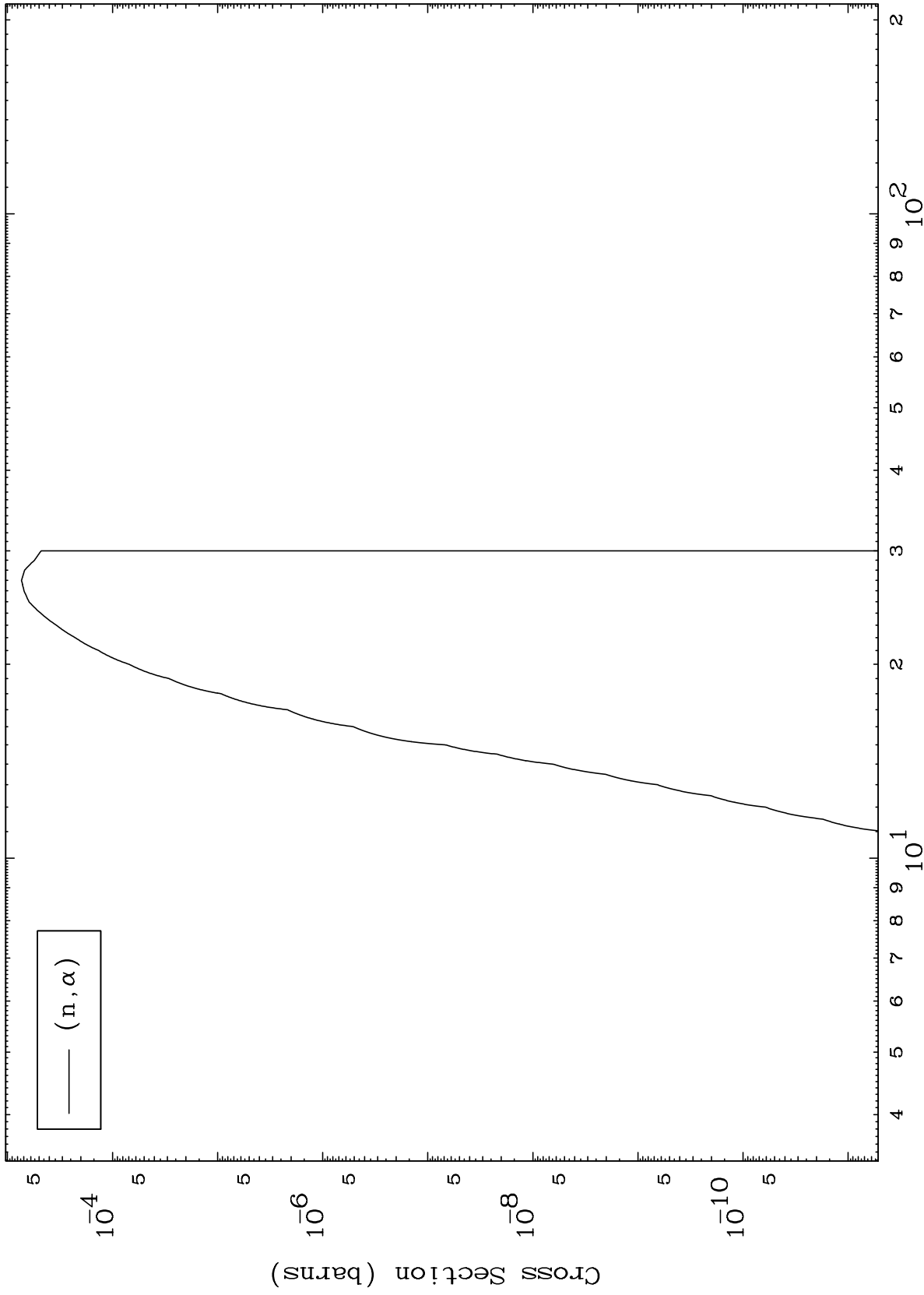
Incident Energy (MeV)

48-Cd-122

MAT 4873

(n,α) Levels
293 Kelvin Cross Sections

48-Cd-122



13

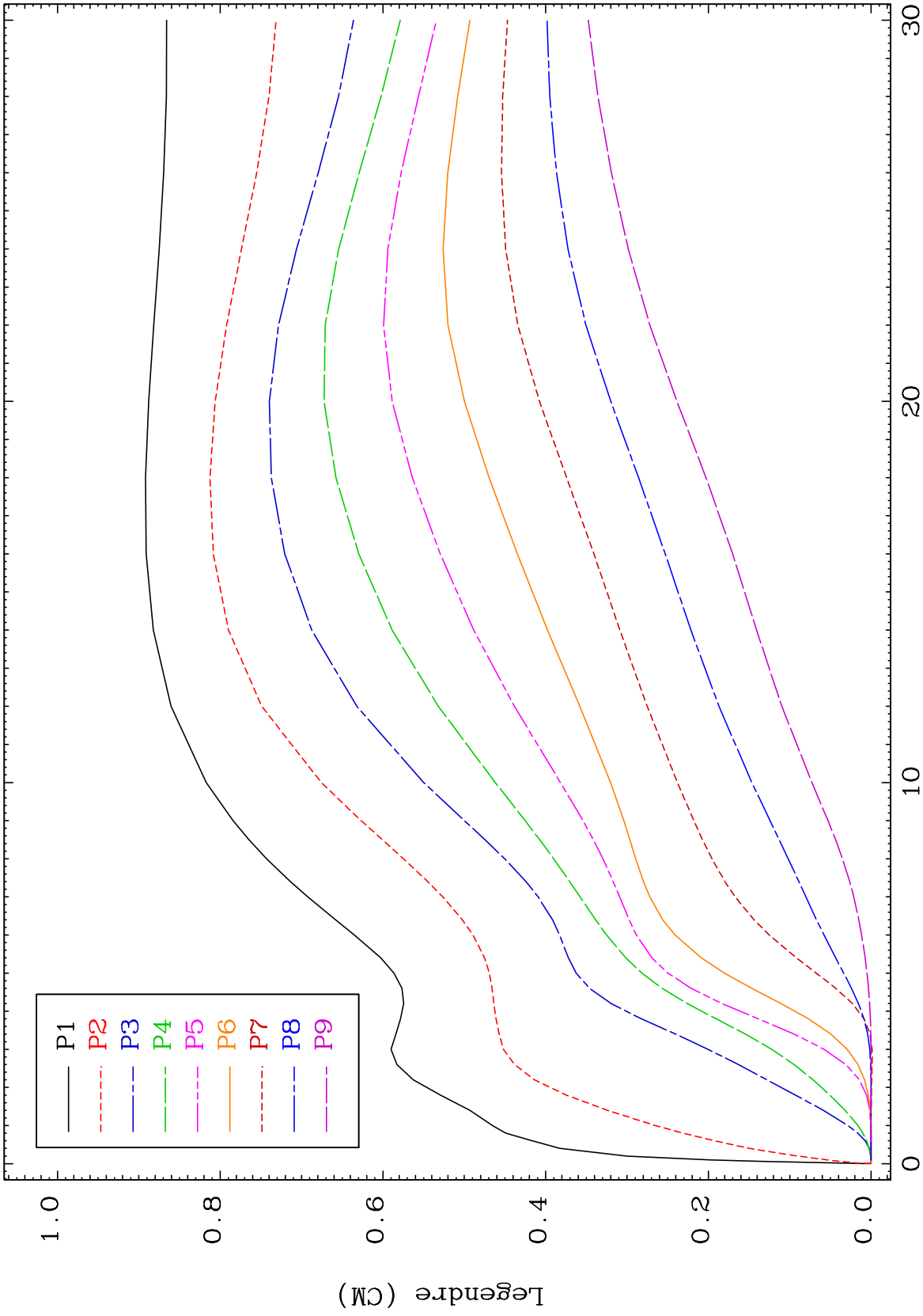
Incident Energy (MeV)

48-Cd-122

MAT 4873

Elastic Legendre Coefficients

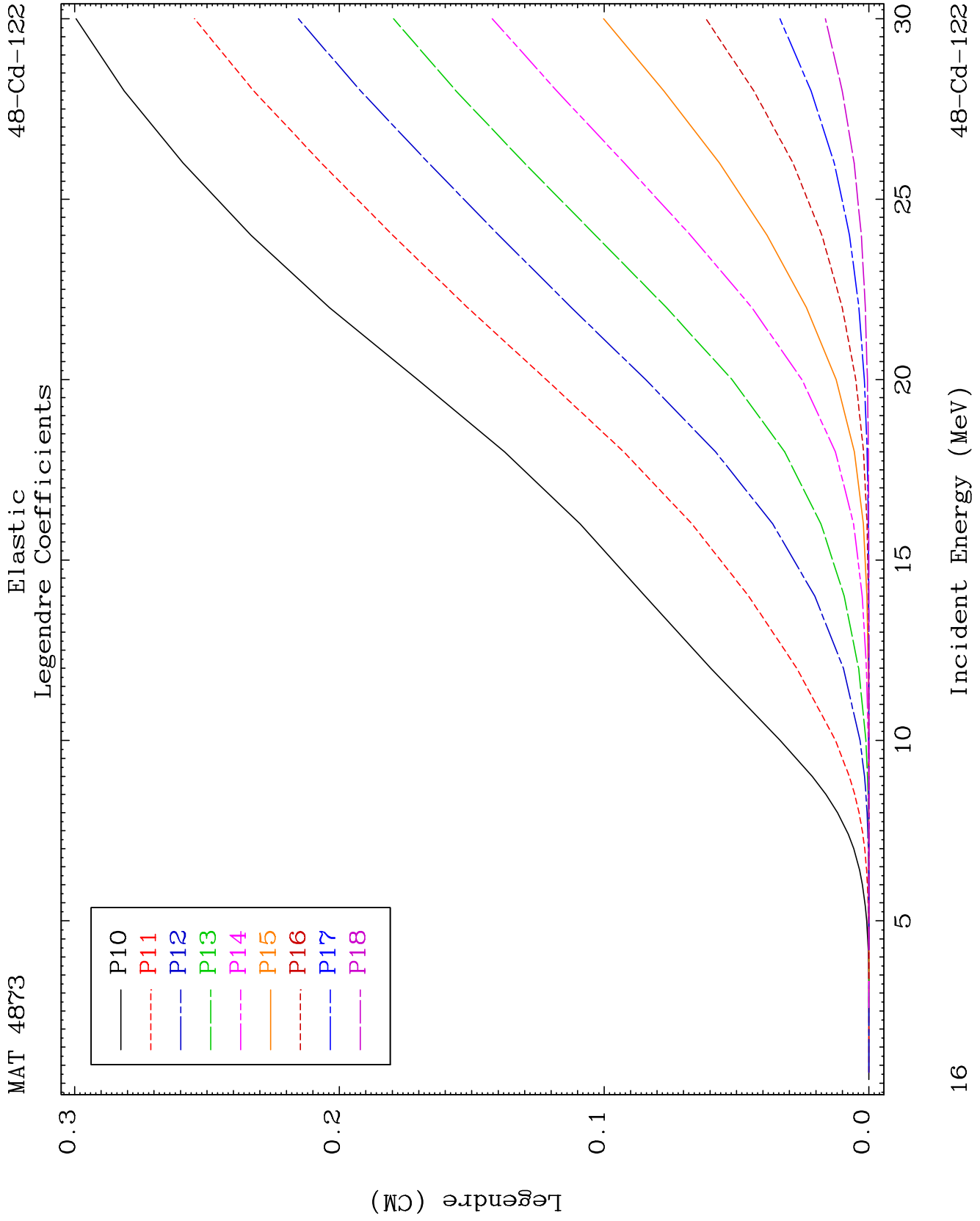
48-Cd-122



15

Incident Energy (MeV)

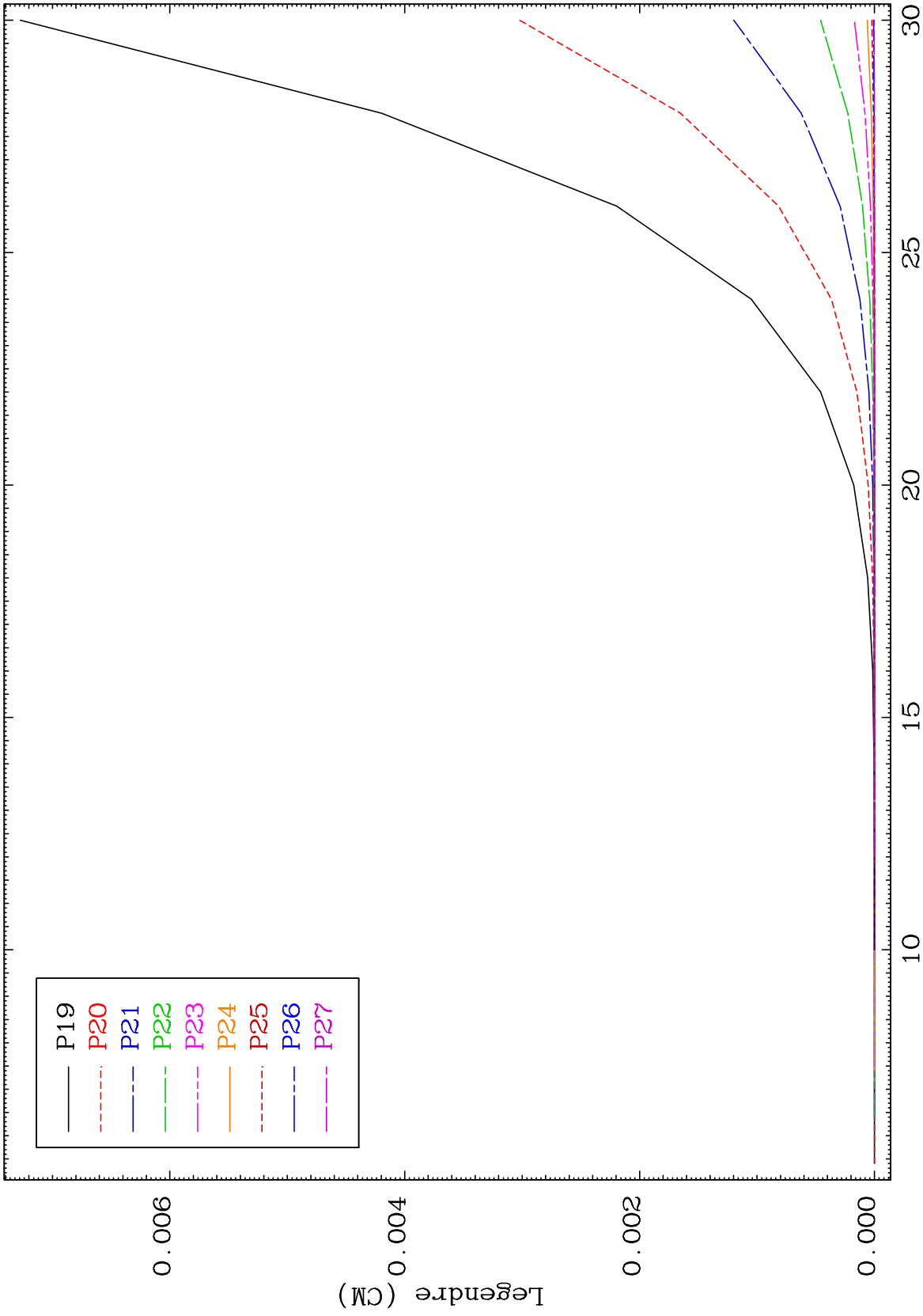
48-Cd-122



MAT 4873

Elastic Legendre Coefficients

48-Cd-122



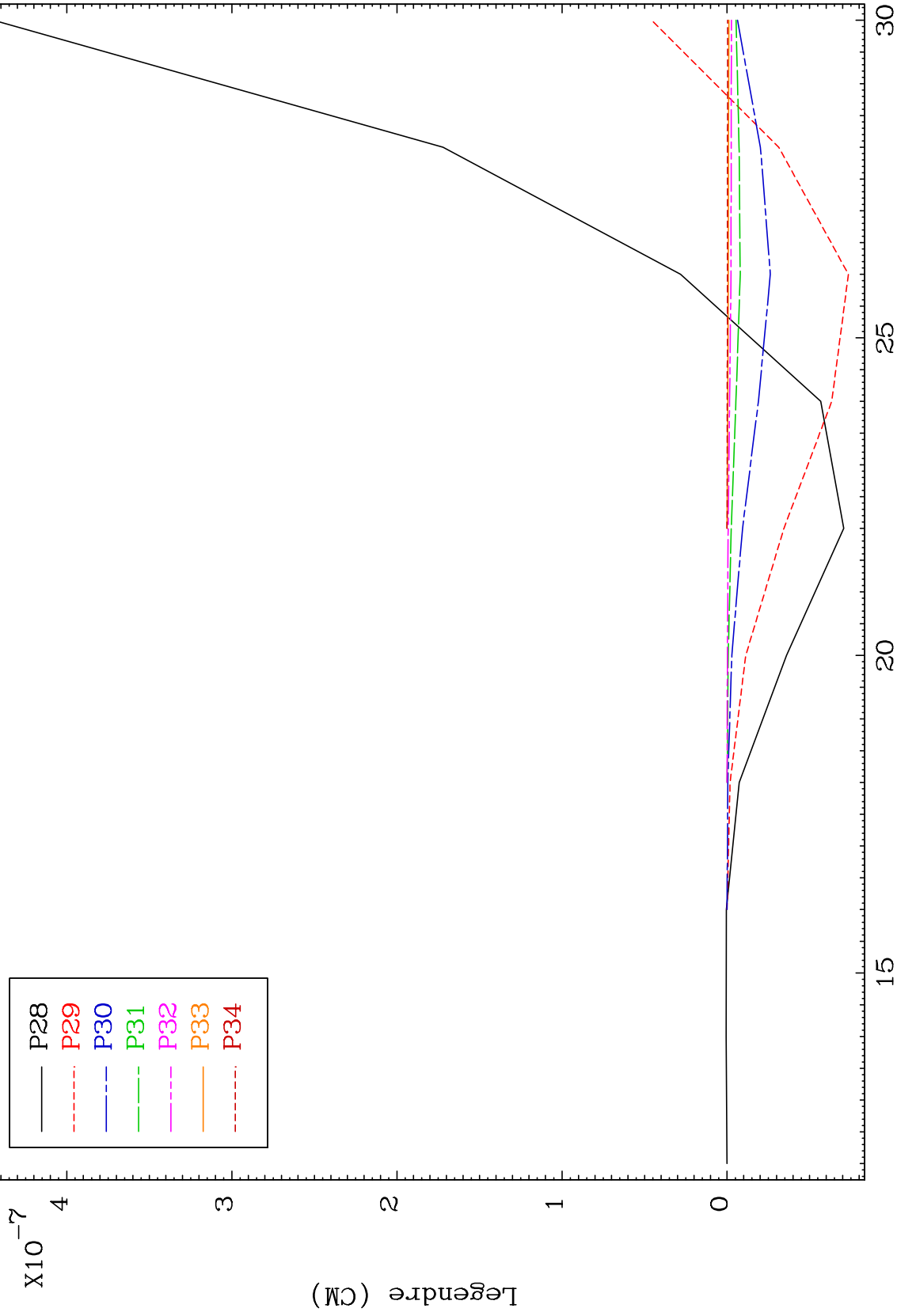
17

48-Cd-122

MAT 4873

Elastic Legendre Coefficients

48-Cd-122



18

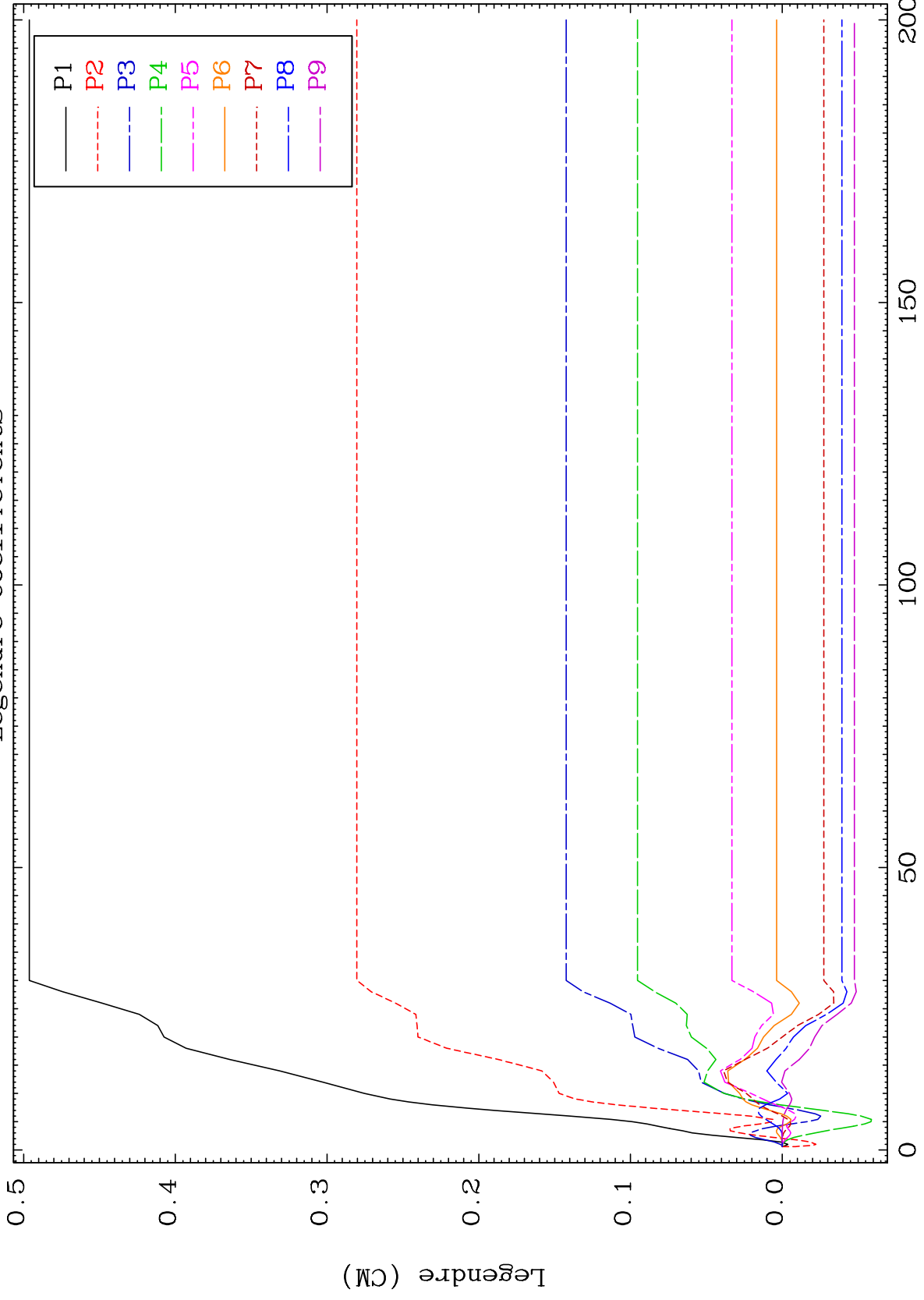
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

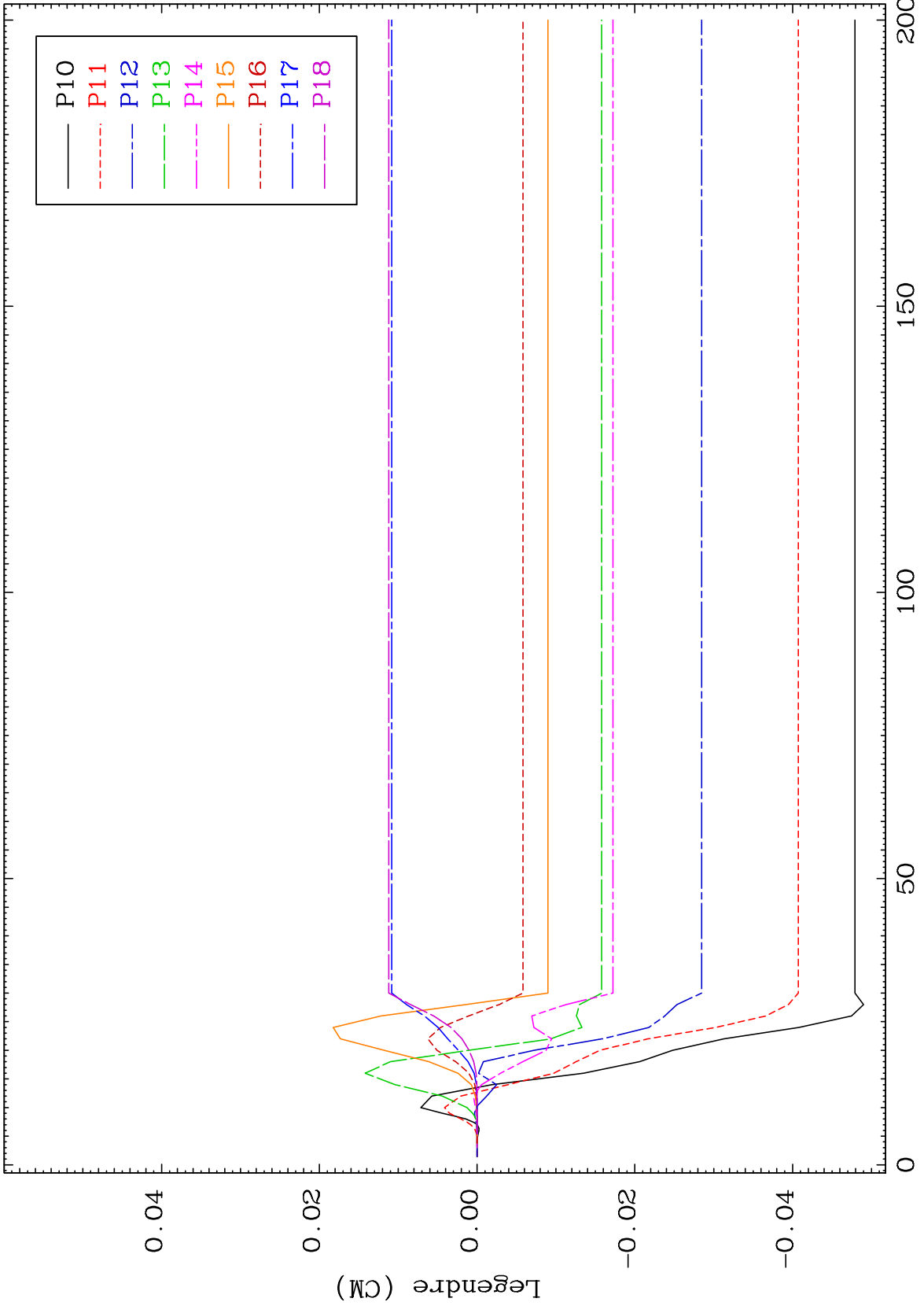
Incident Energy (MeV)

19

MAT 4873

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

48-Cd-122



0

50

100

150

200

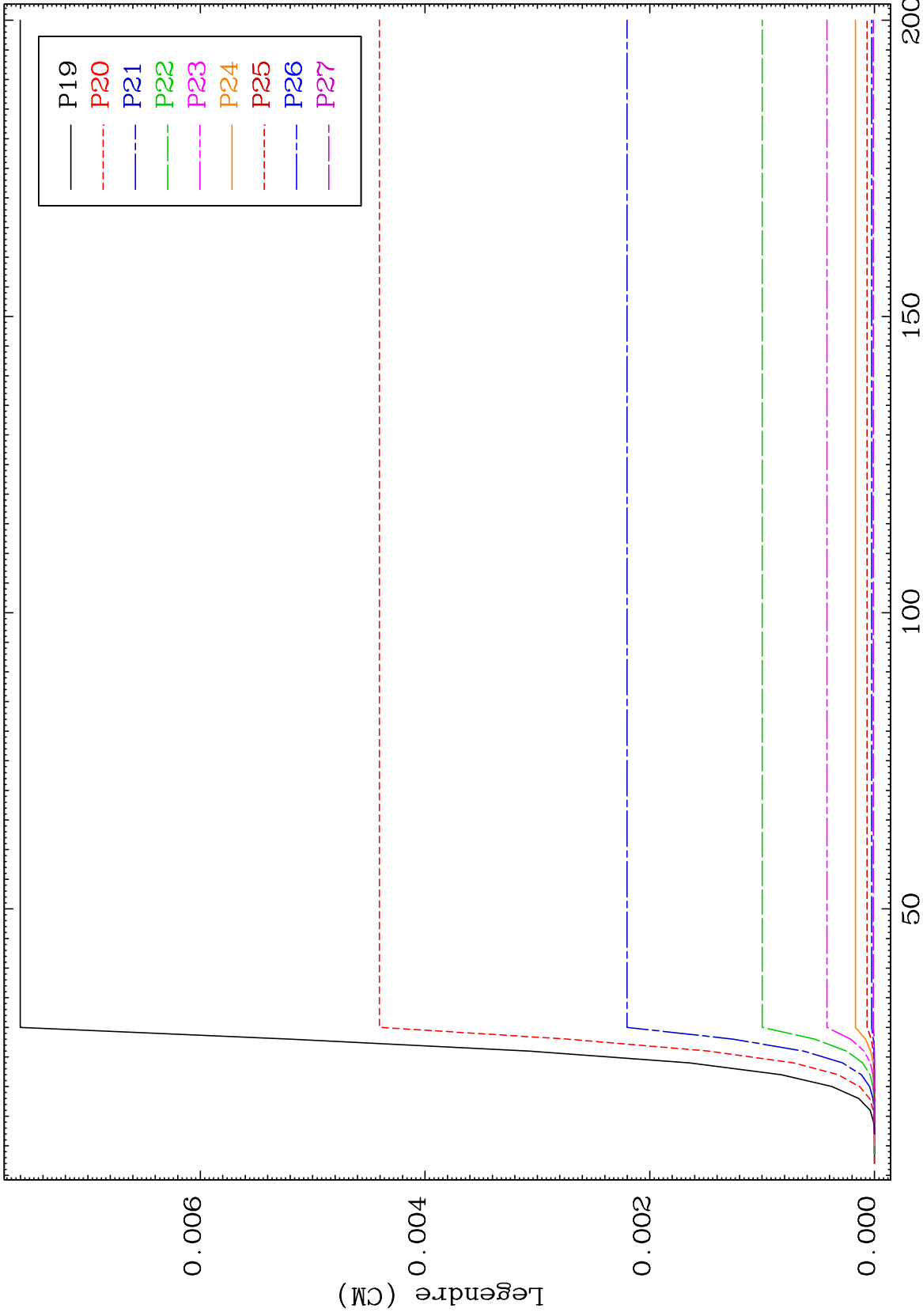
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



21

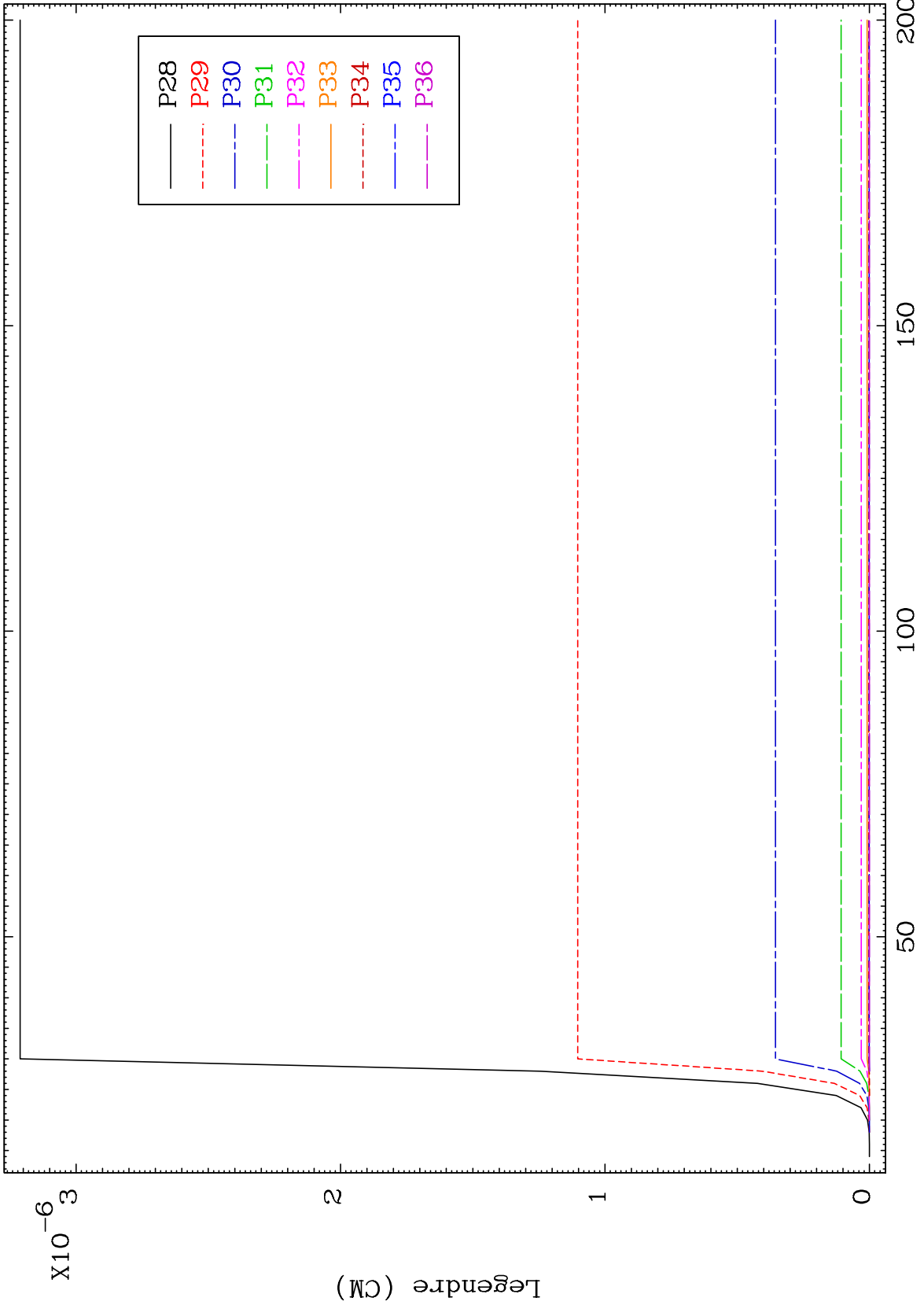
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

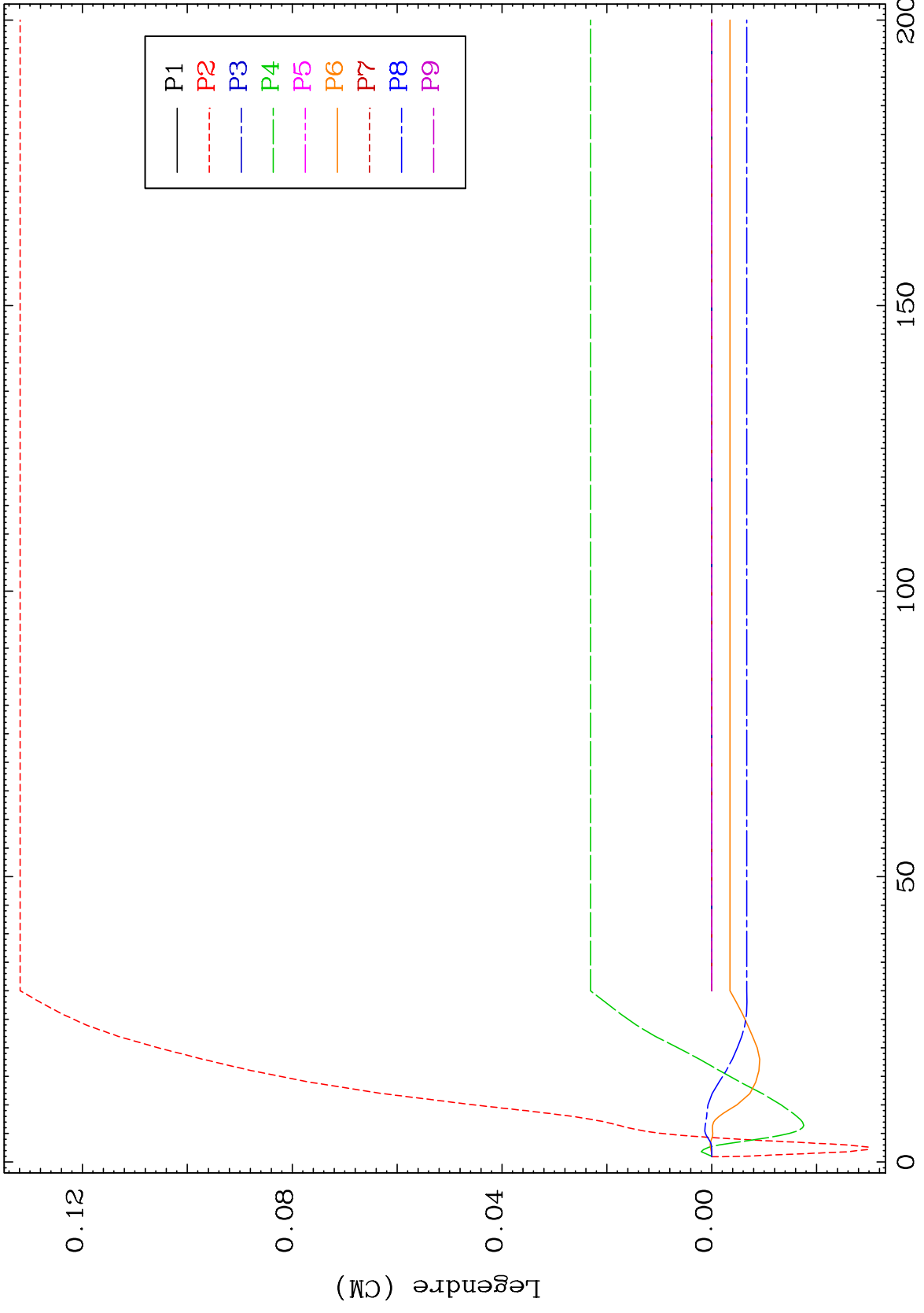


22

Incident Energy (MeV)

48-Cd-122

MAT 4873 MT= 52 (n,n') Level Legendre Coefficients 48-Cd-122

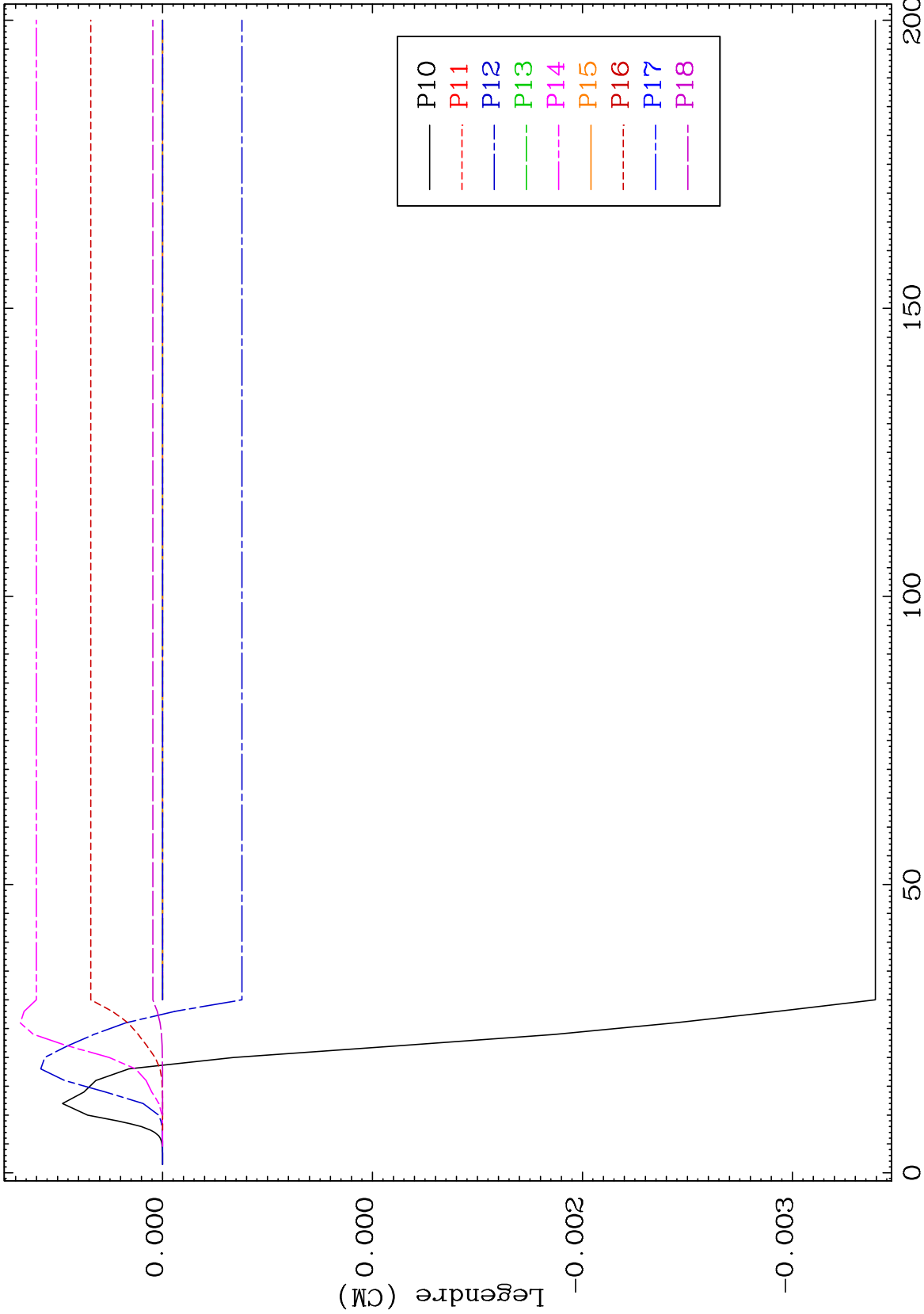


23 48-Cd-122

MAT 4873

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

48-Cd-122



24

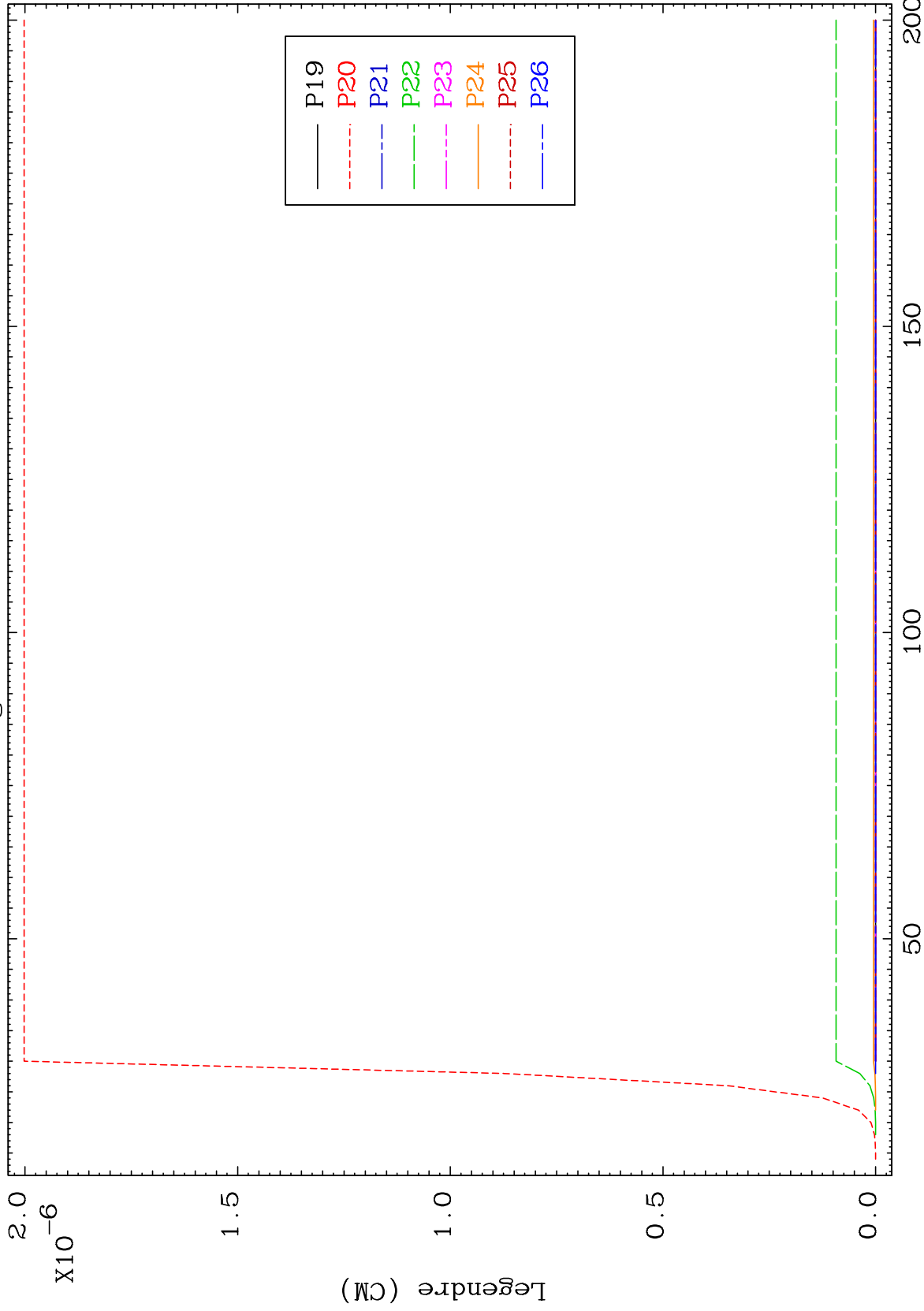
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



25

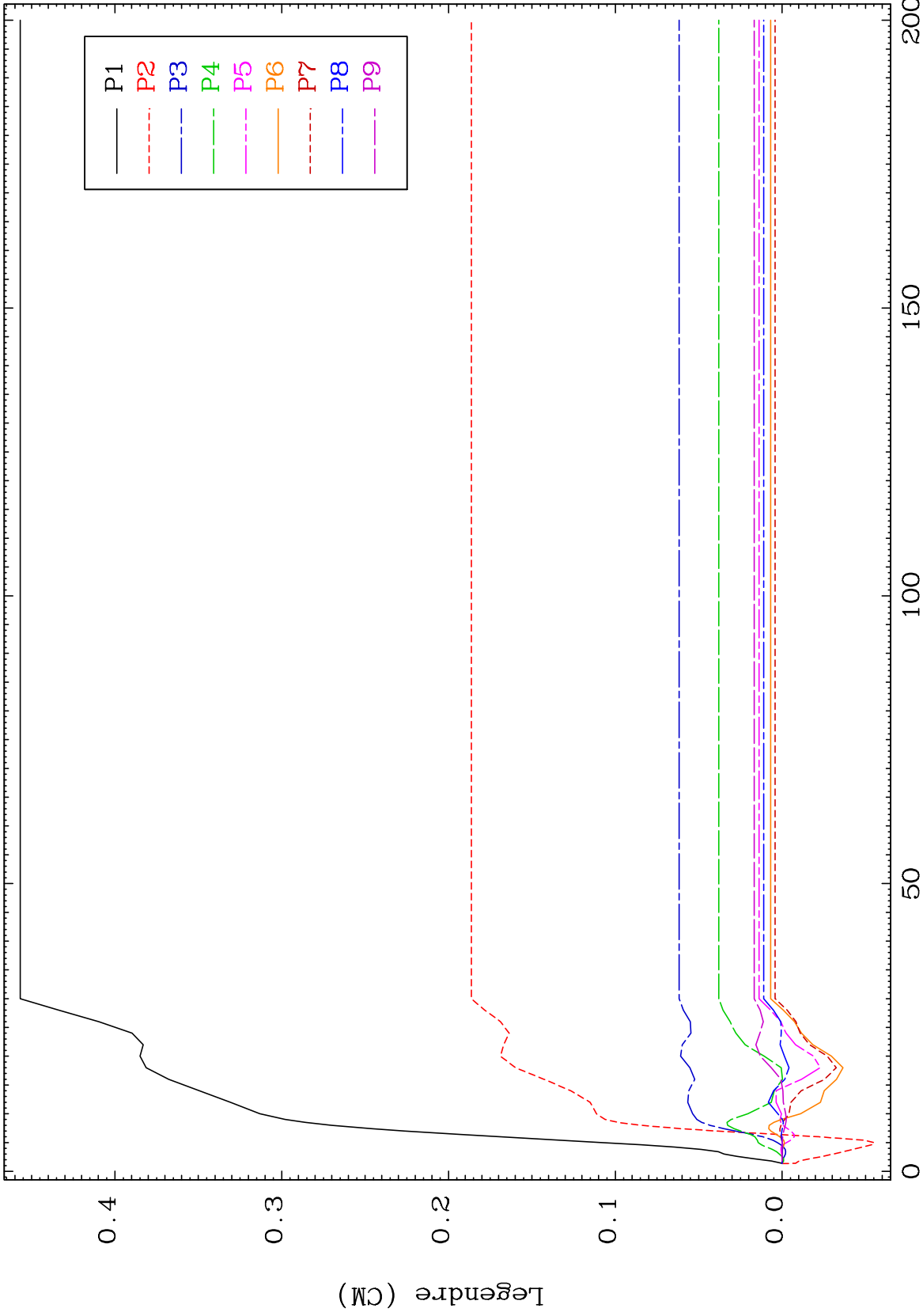
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



26

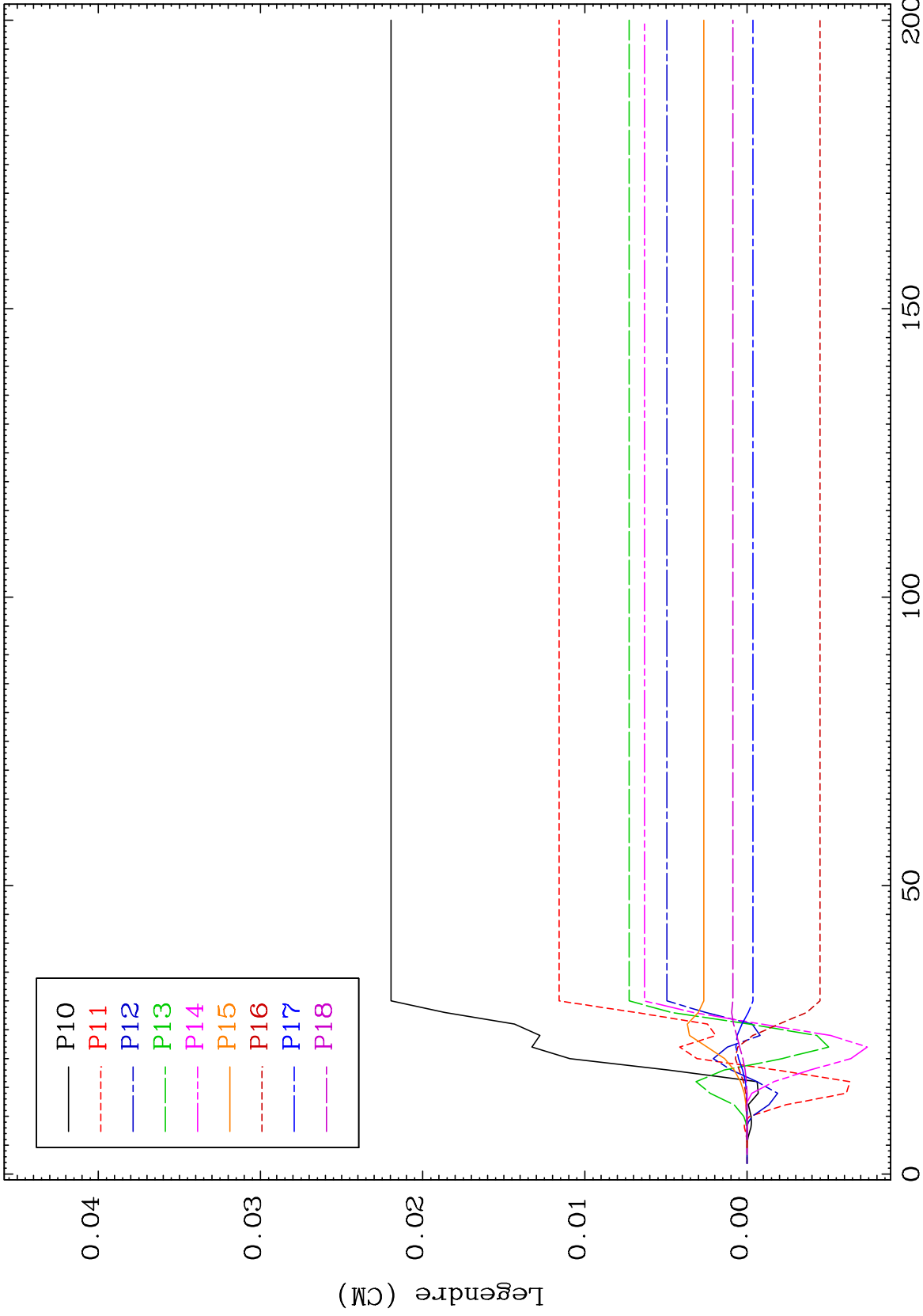
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



27

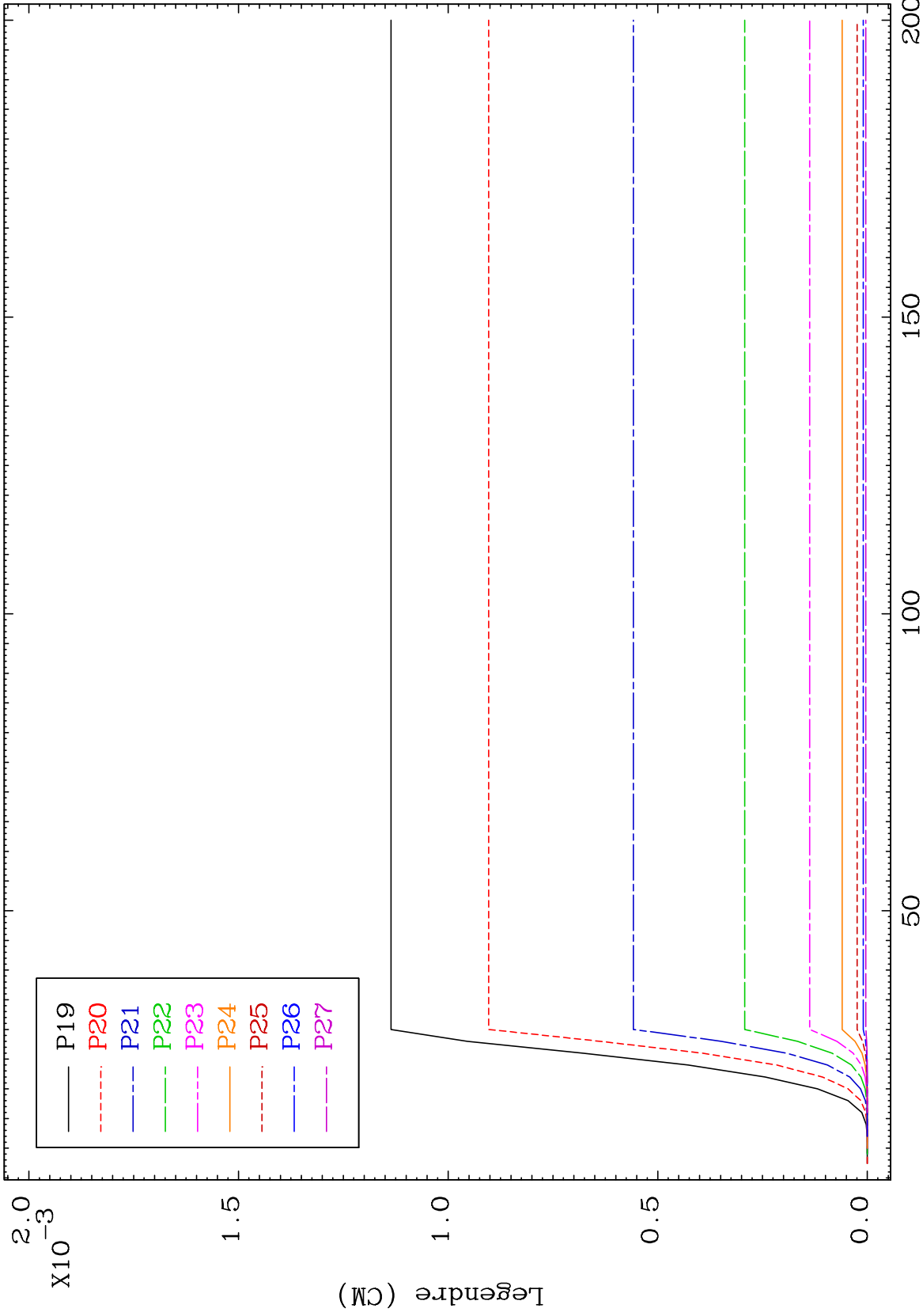
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



28

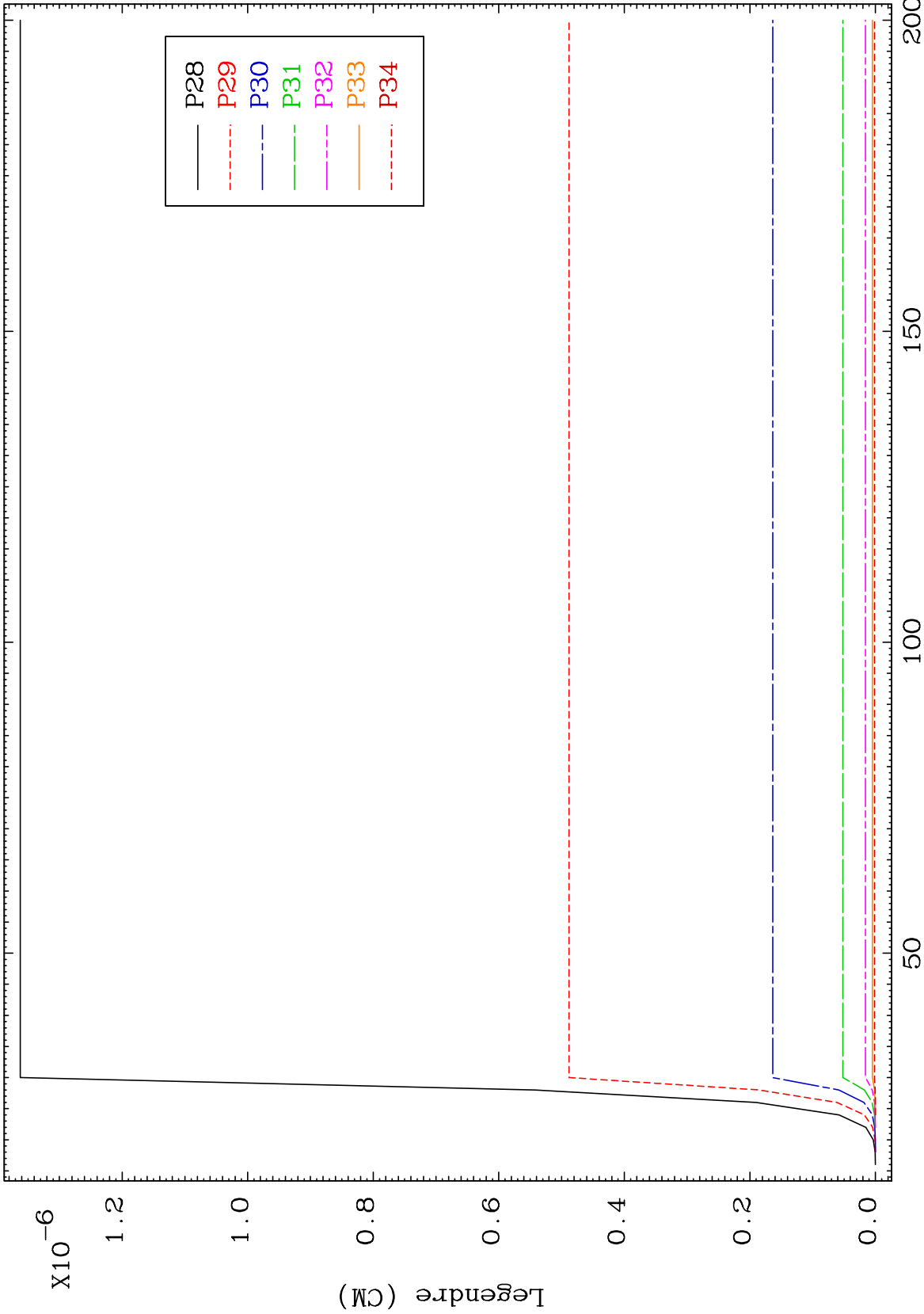
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



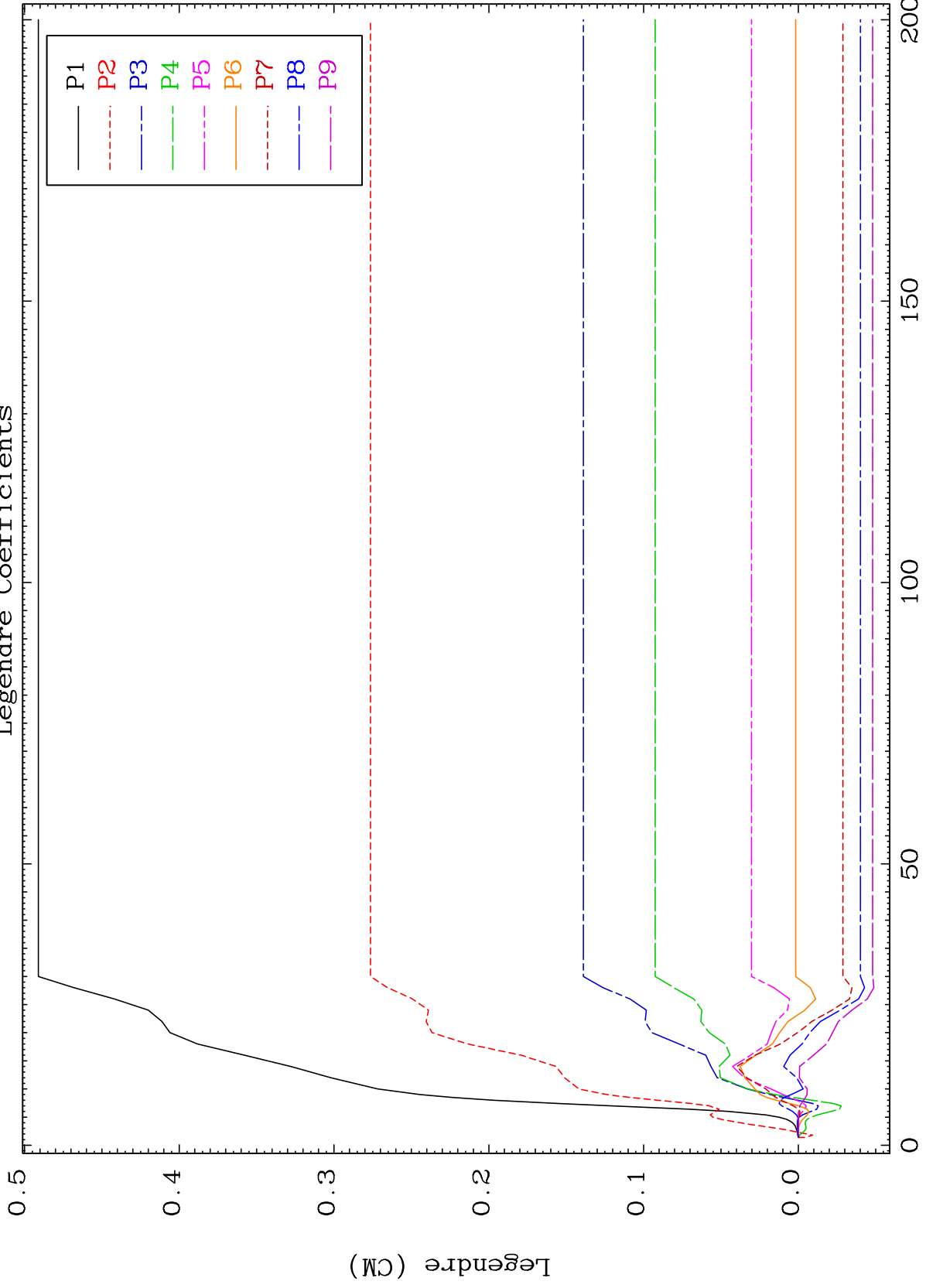
29

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

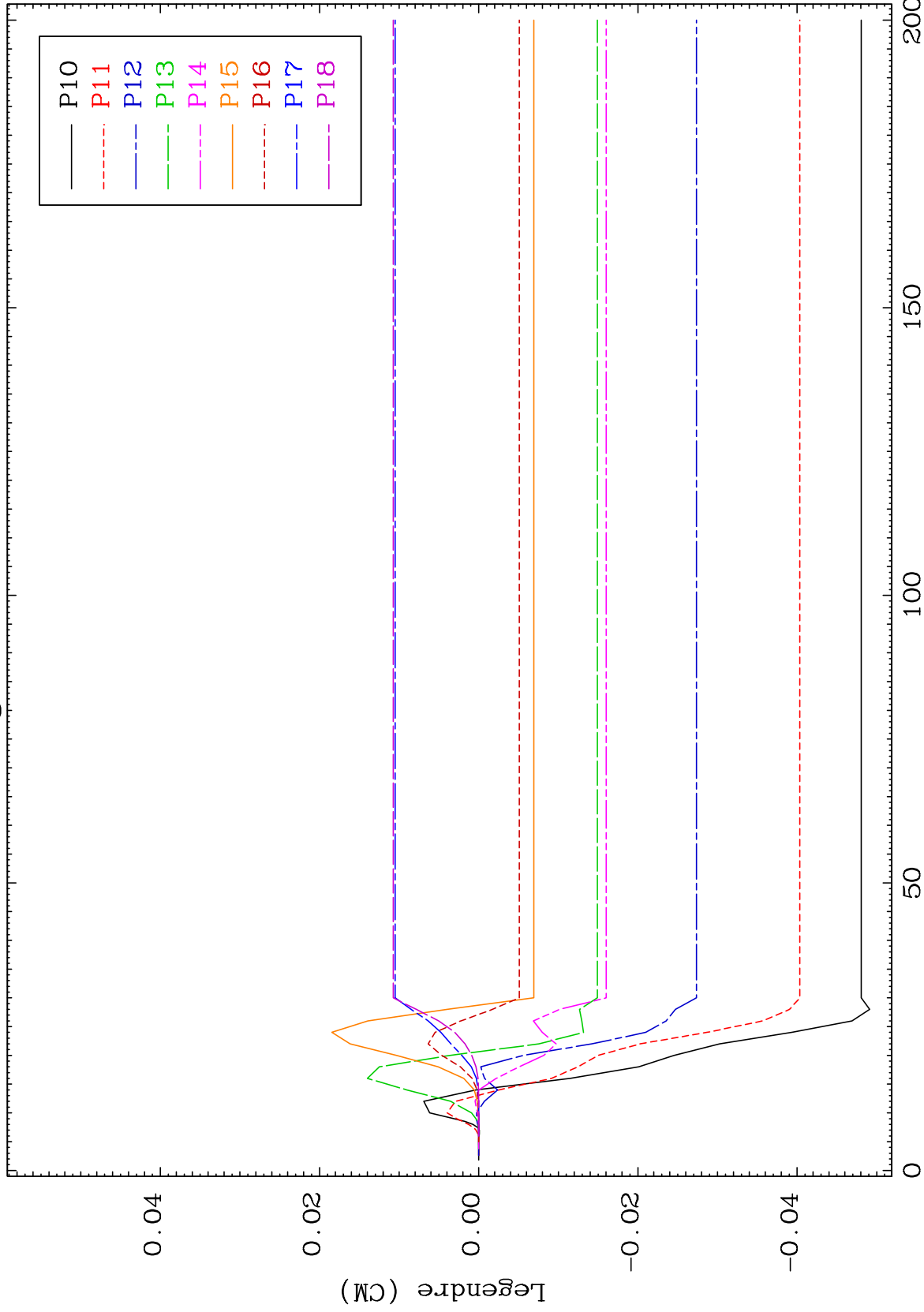
Incident Energy (MeV)

30

MAT 4873

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

48-Cd-122



31

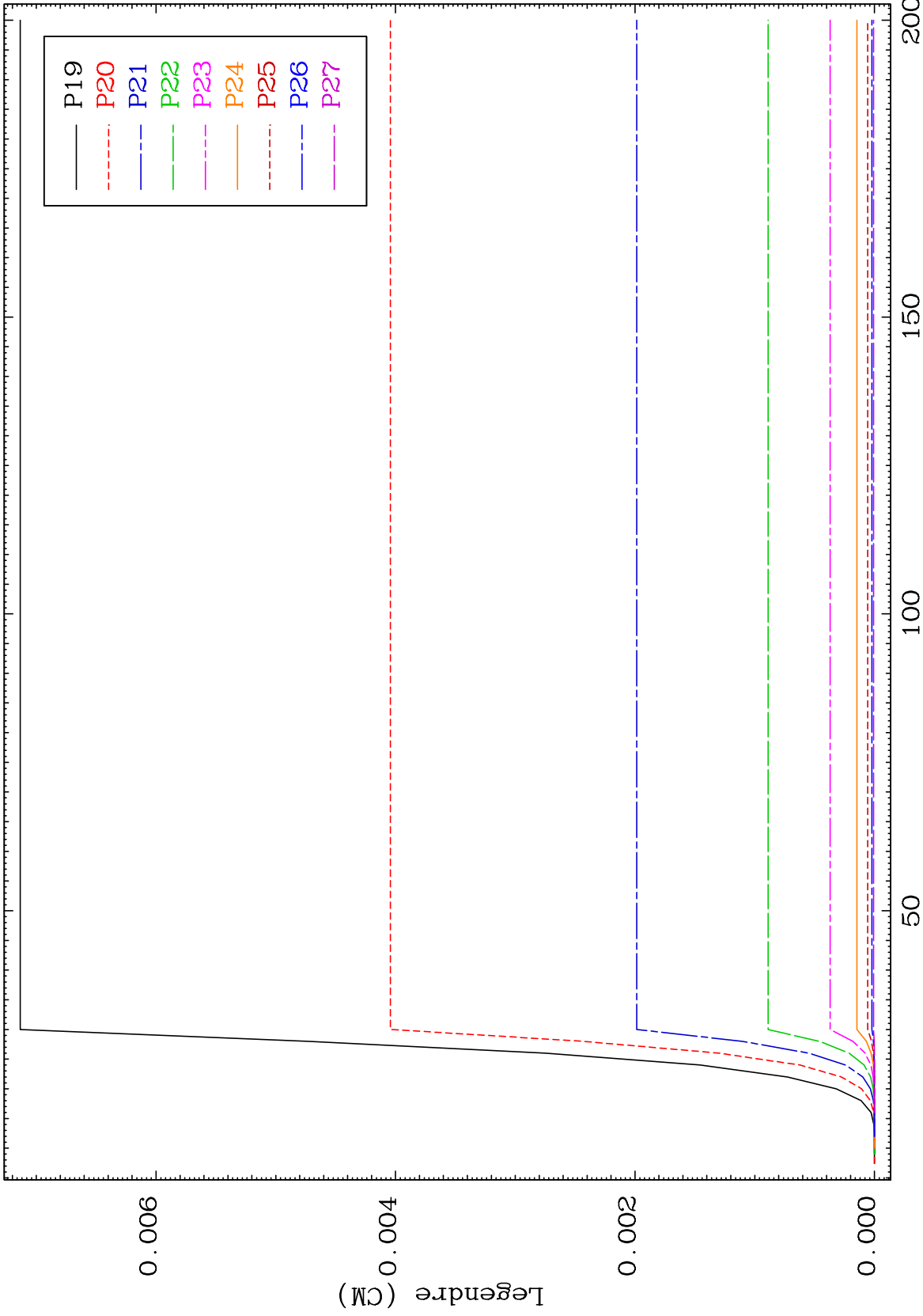
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



32

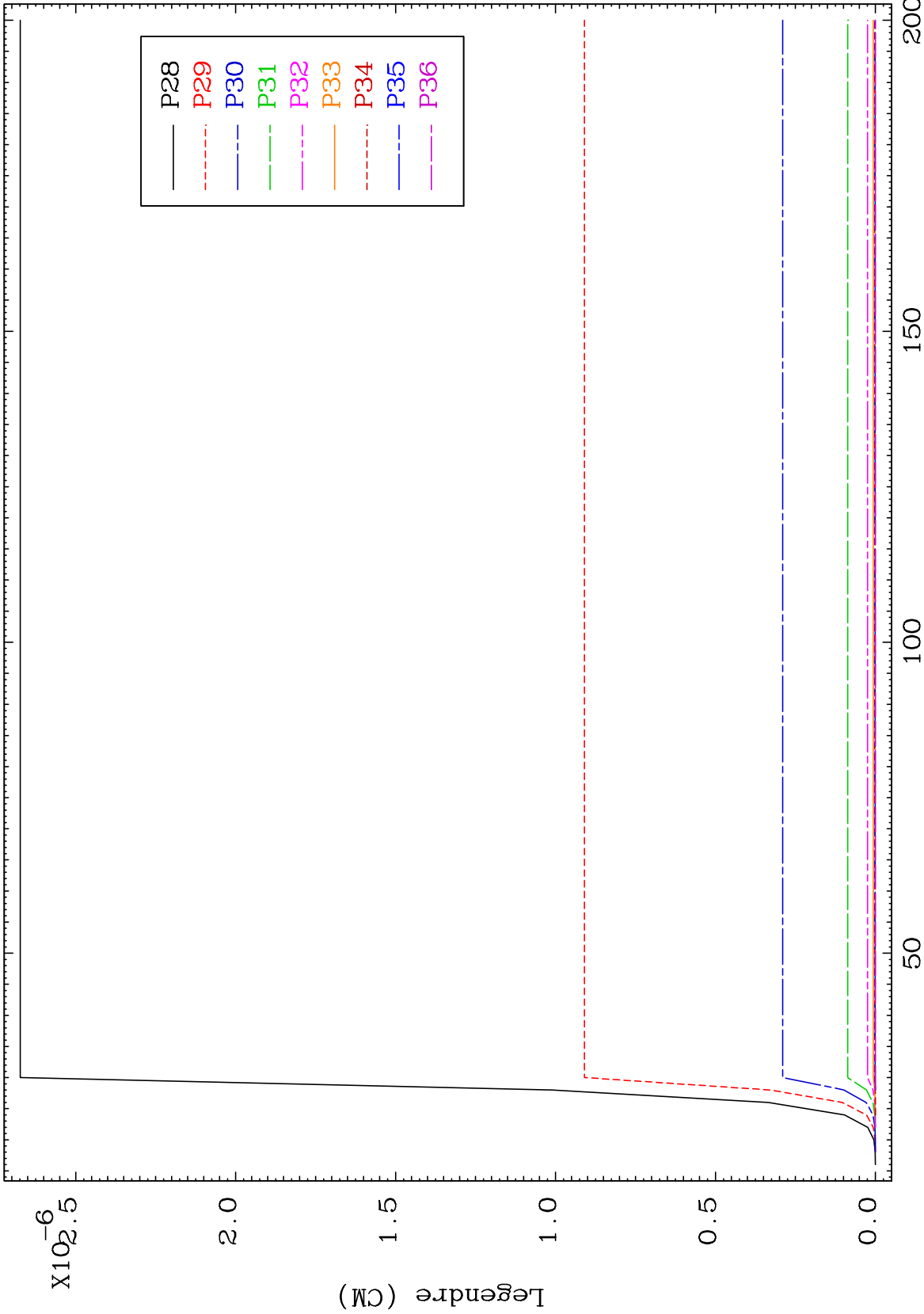
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



33

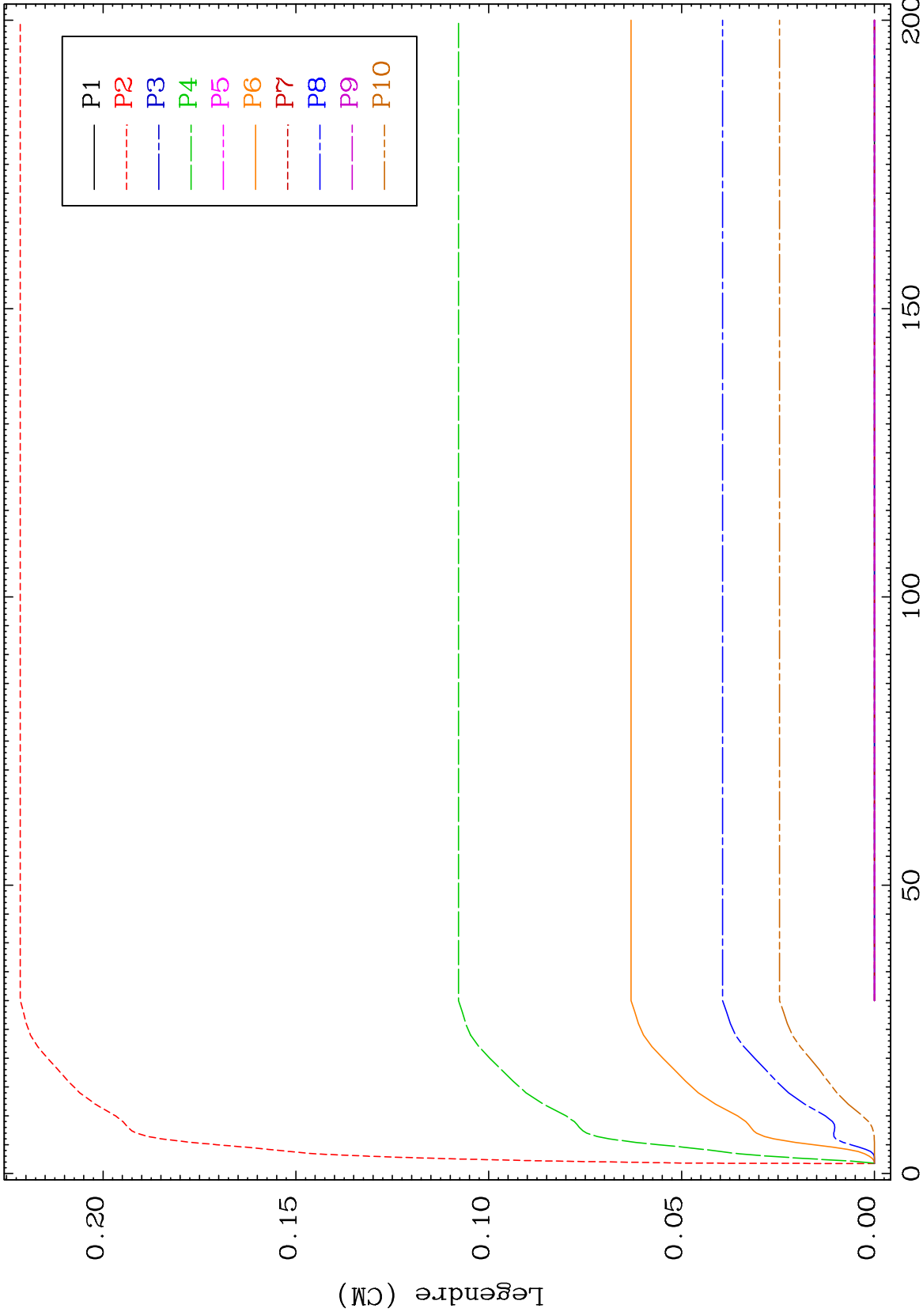
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

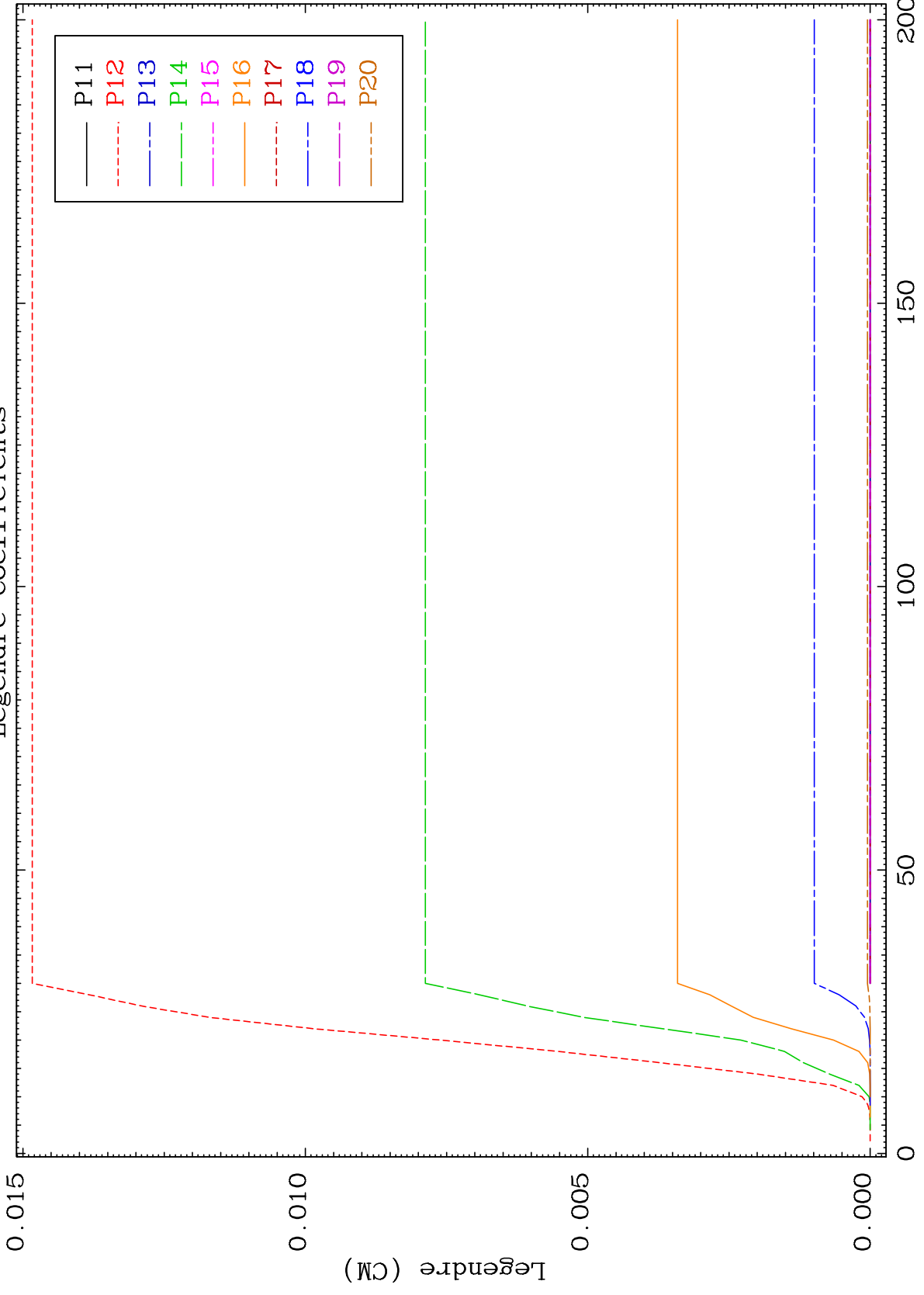
48-Cd-122



34

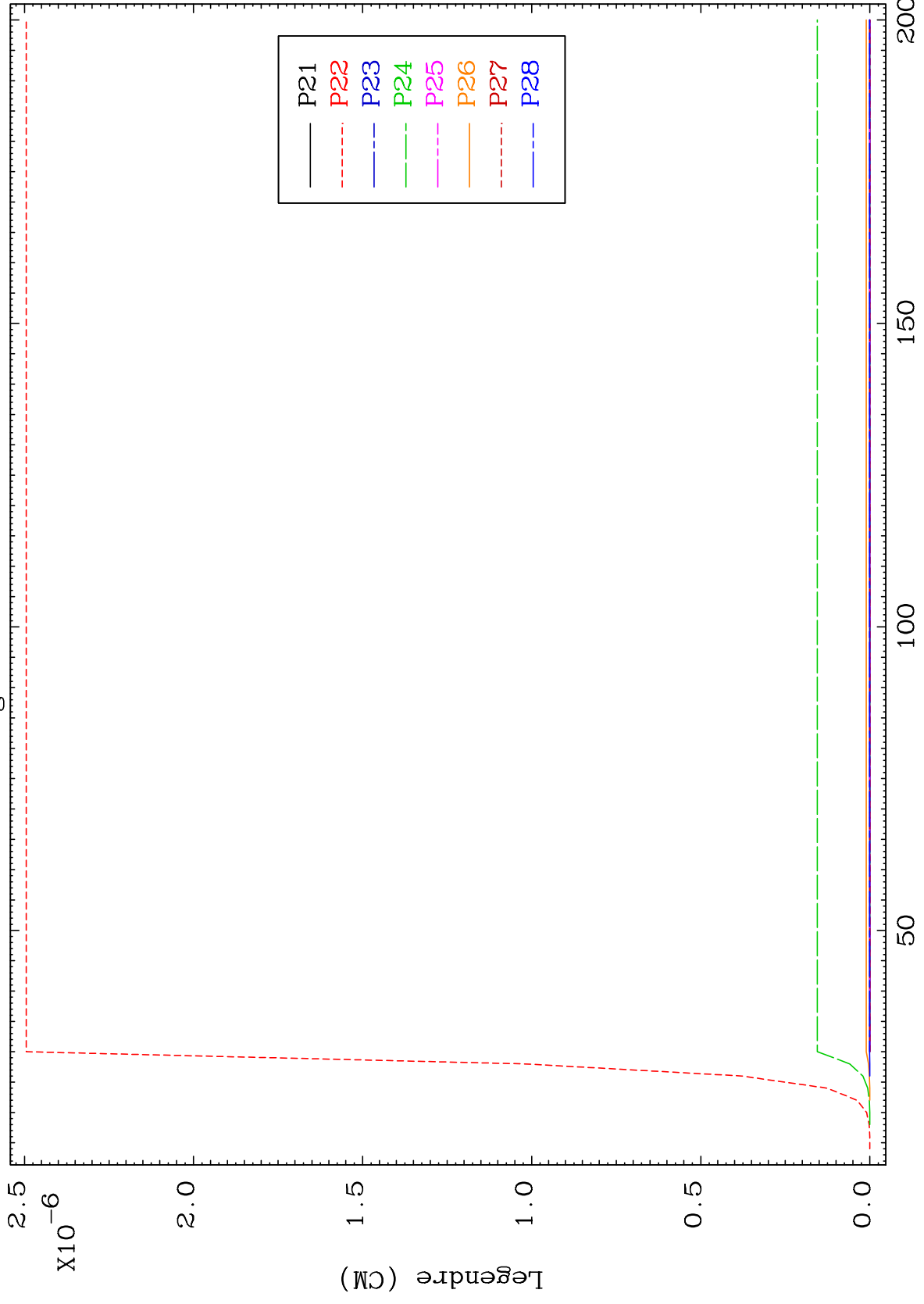
48-Cd-122

MAT 4873 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-122



35 Incident Energy (MeV) 48-Cd-122

MAT 4873 MT= 55 (n,n') Level Legendre Coefficients 48-Cd-122

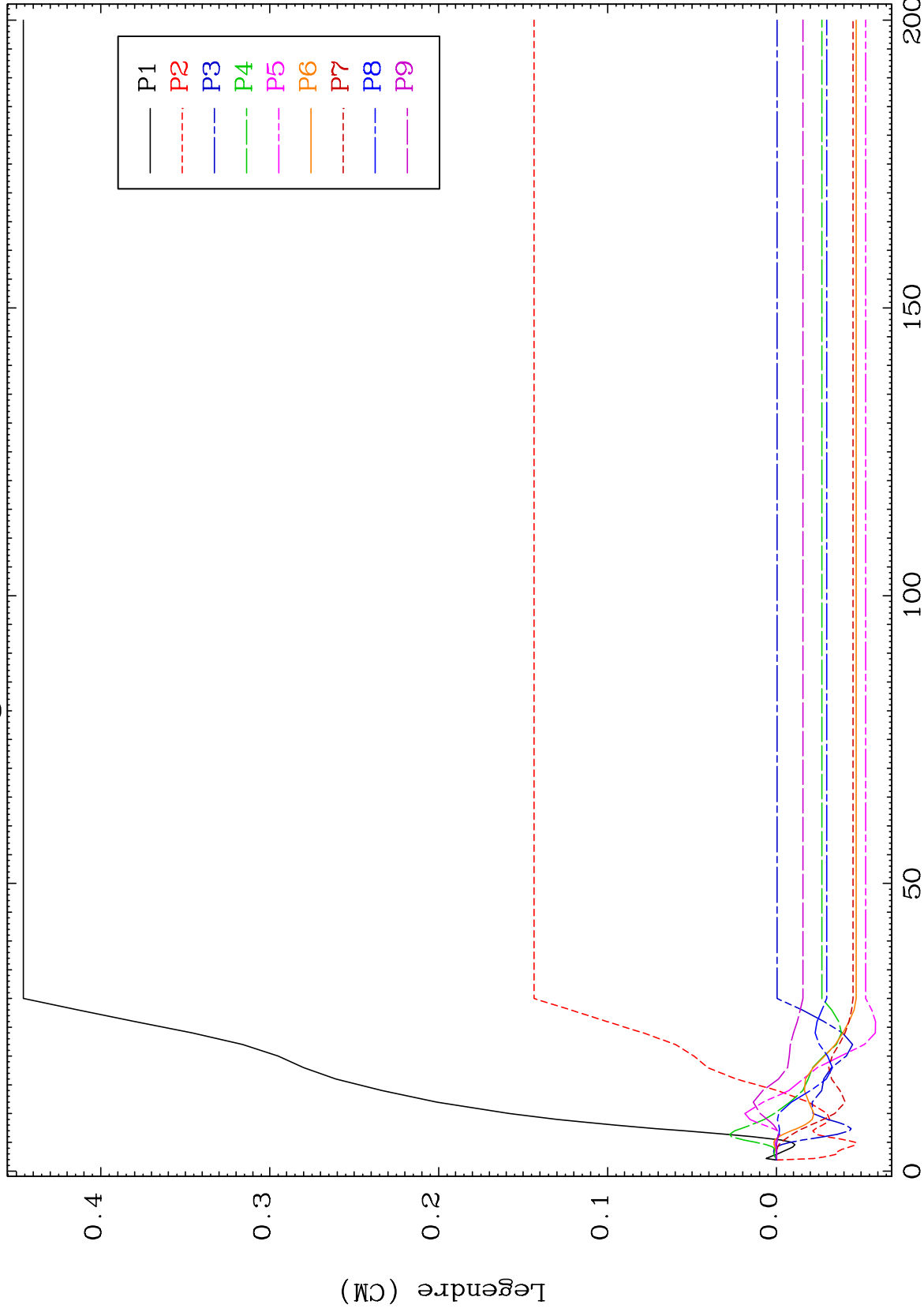


36 Incident Energy (MeV) 48-Cd-122

MAT 4873

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

48-Cd-122



37

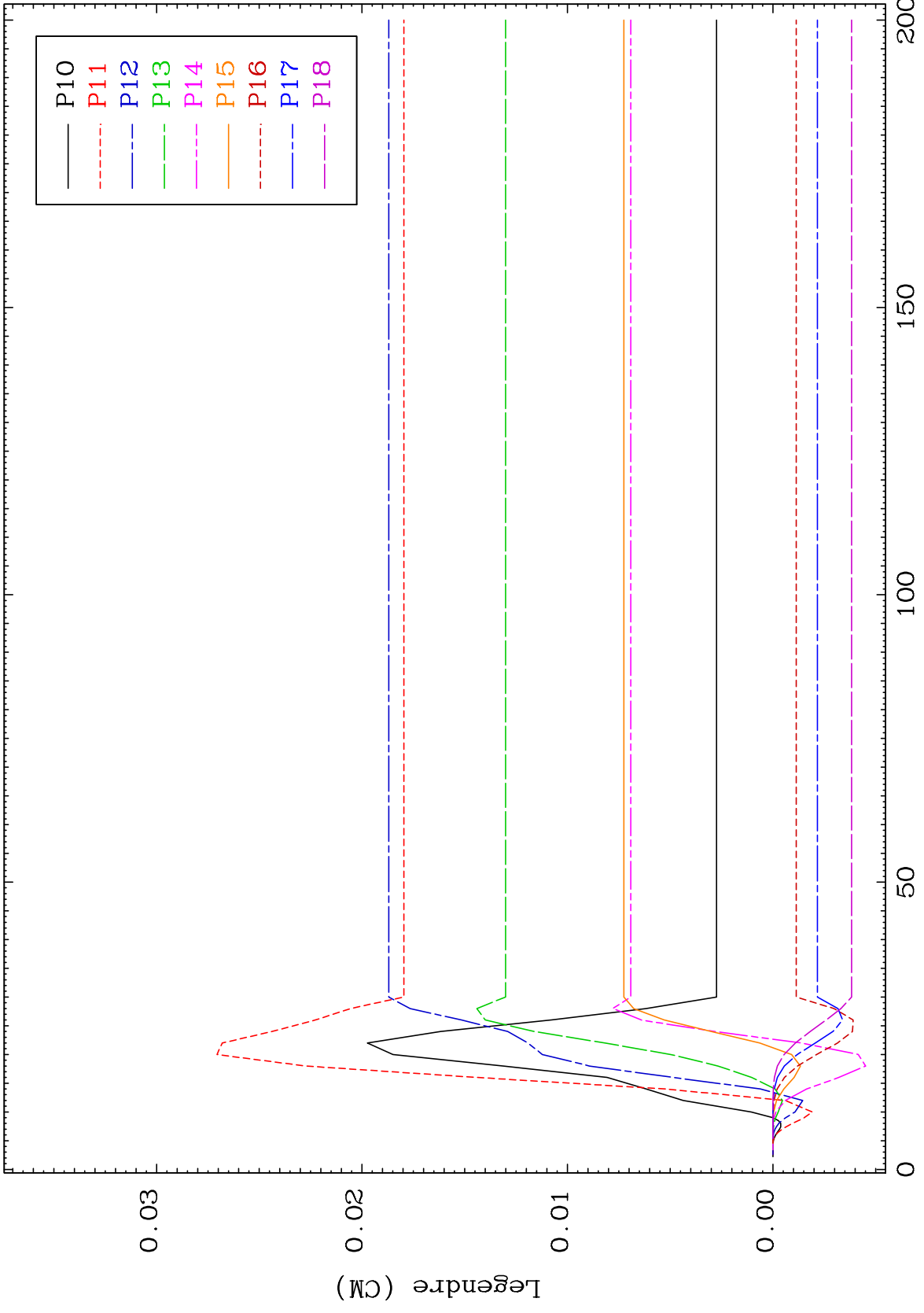
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



38

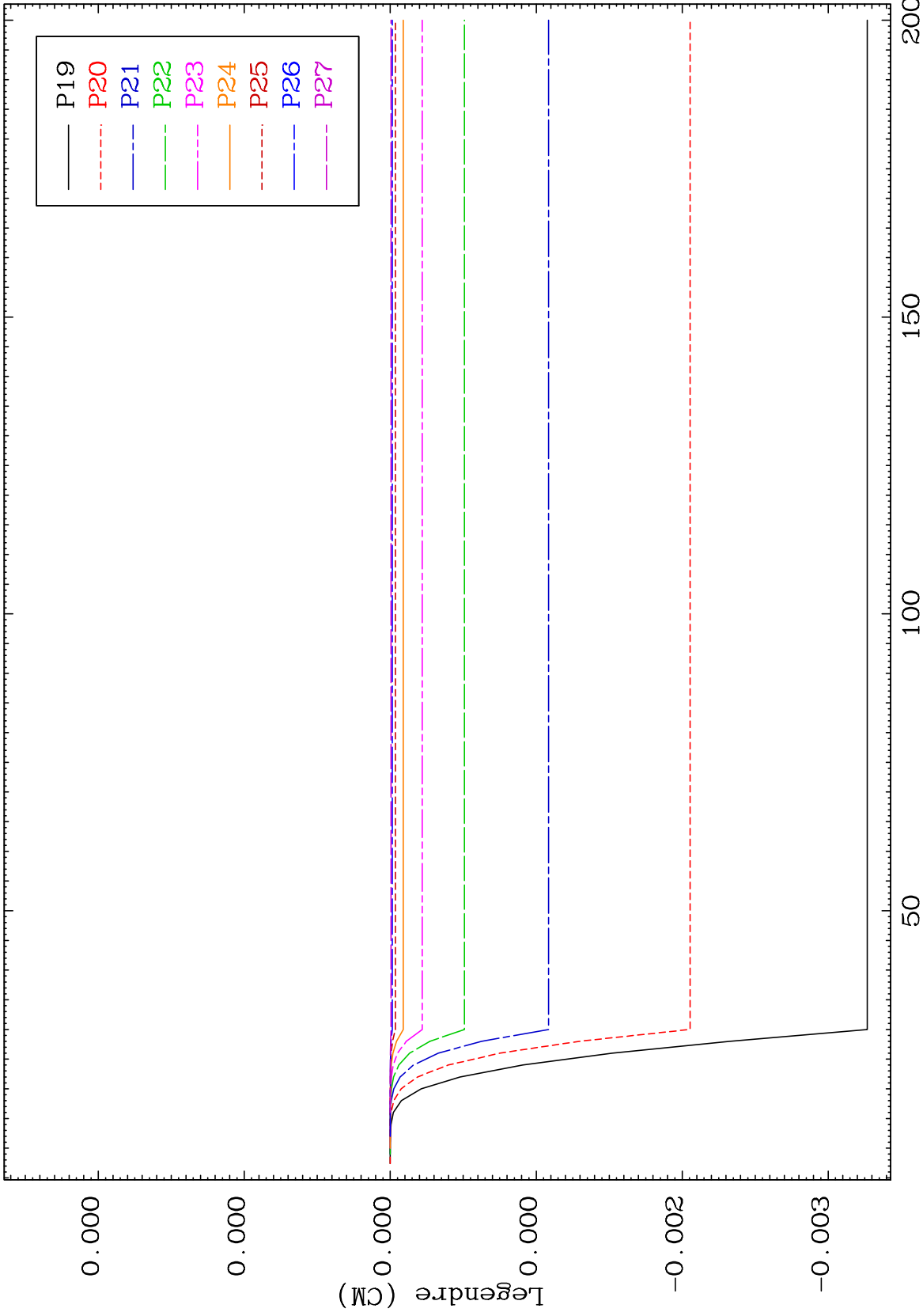
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



39

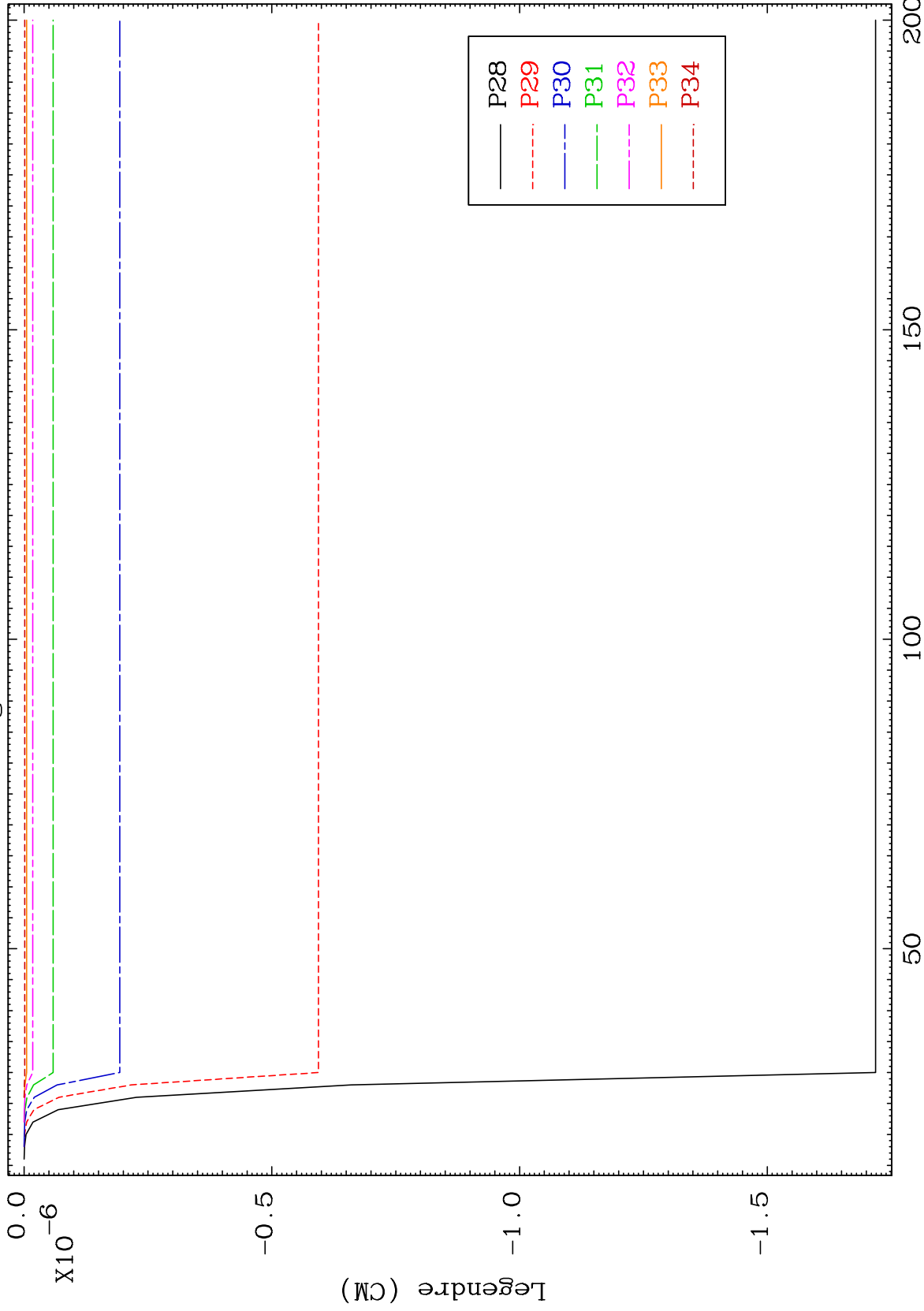
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

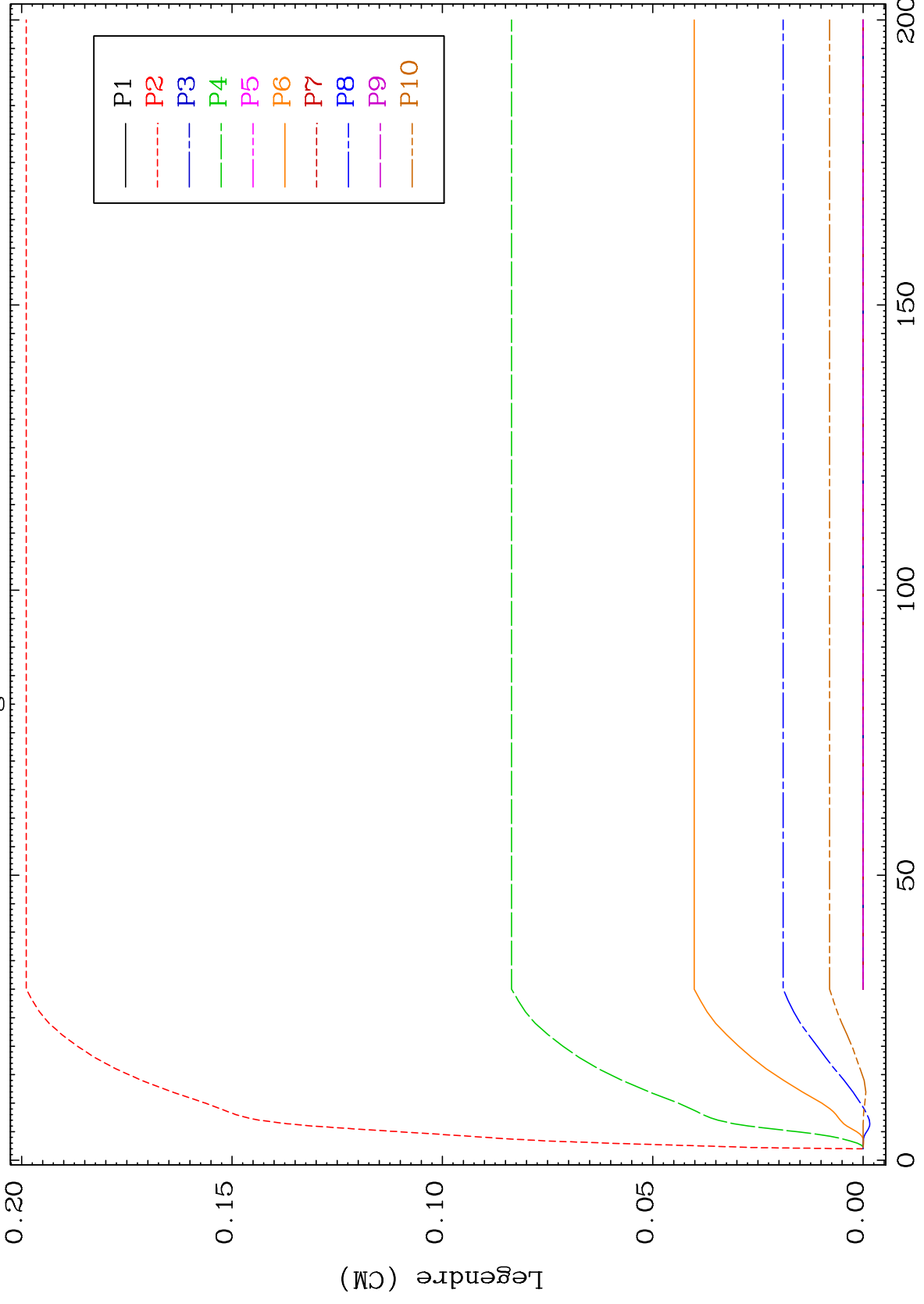


48-Cd-122

Incident Energy (MeV)

40

MAT 4873 MT= 57 (n,n') Level Legendre Coefficients 48-Cd-122

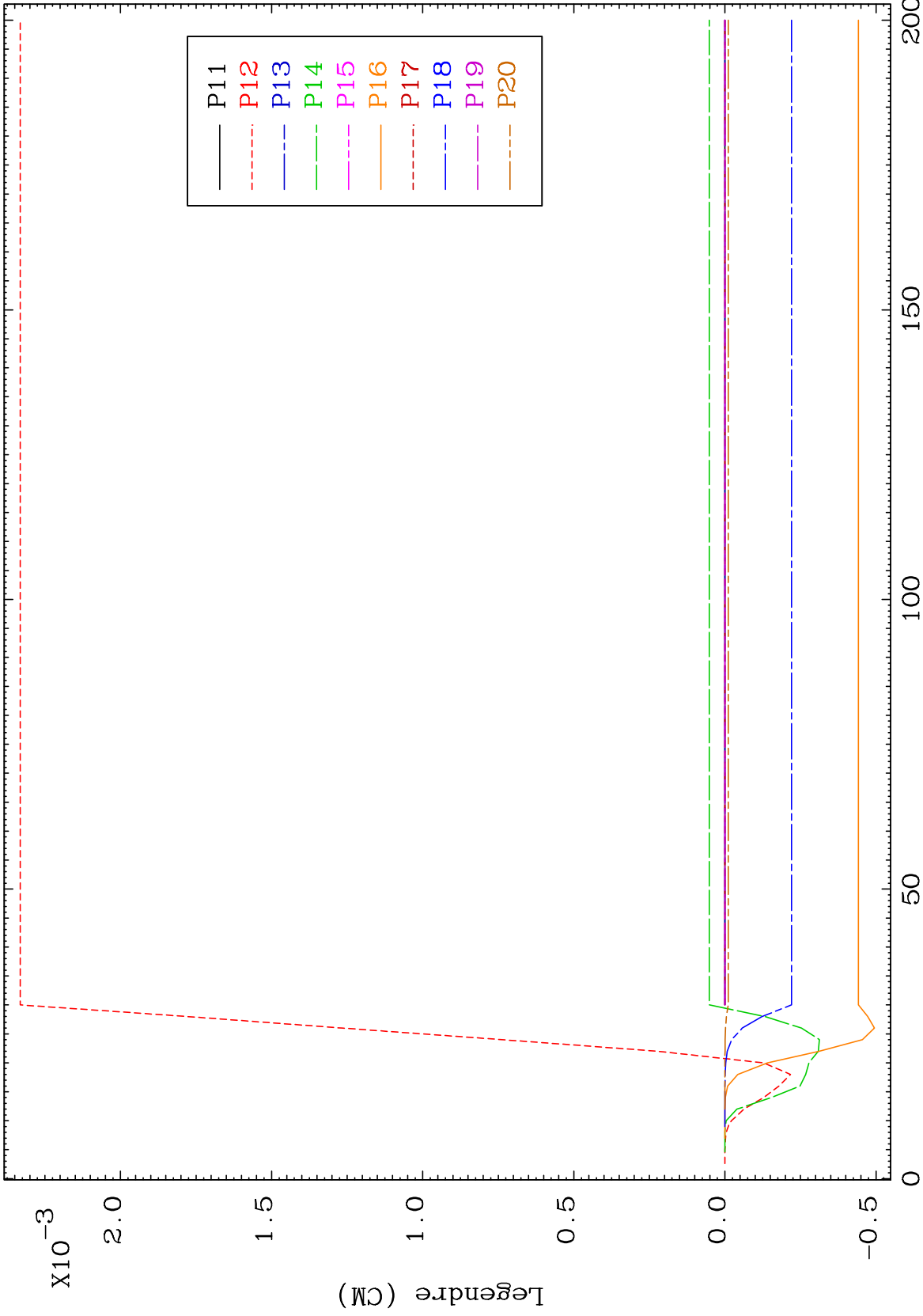


41 48-Cd-122

MAT 4873

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

48-Cd-122

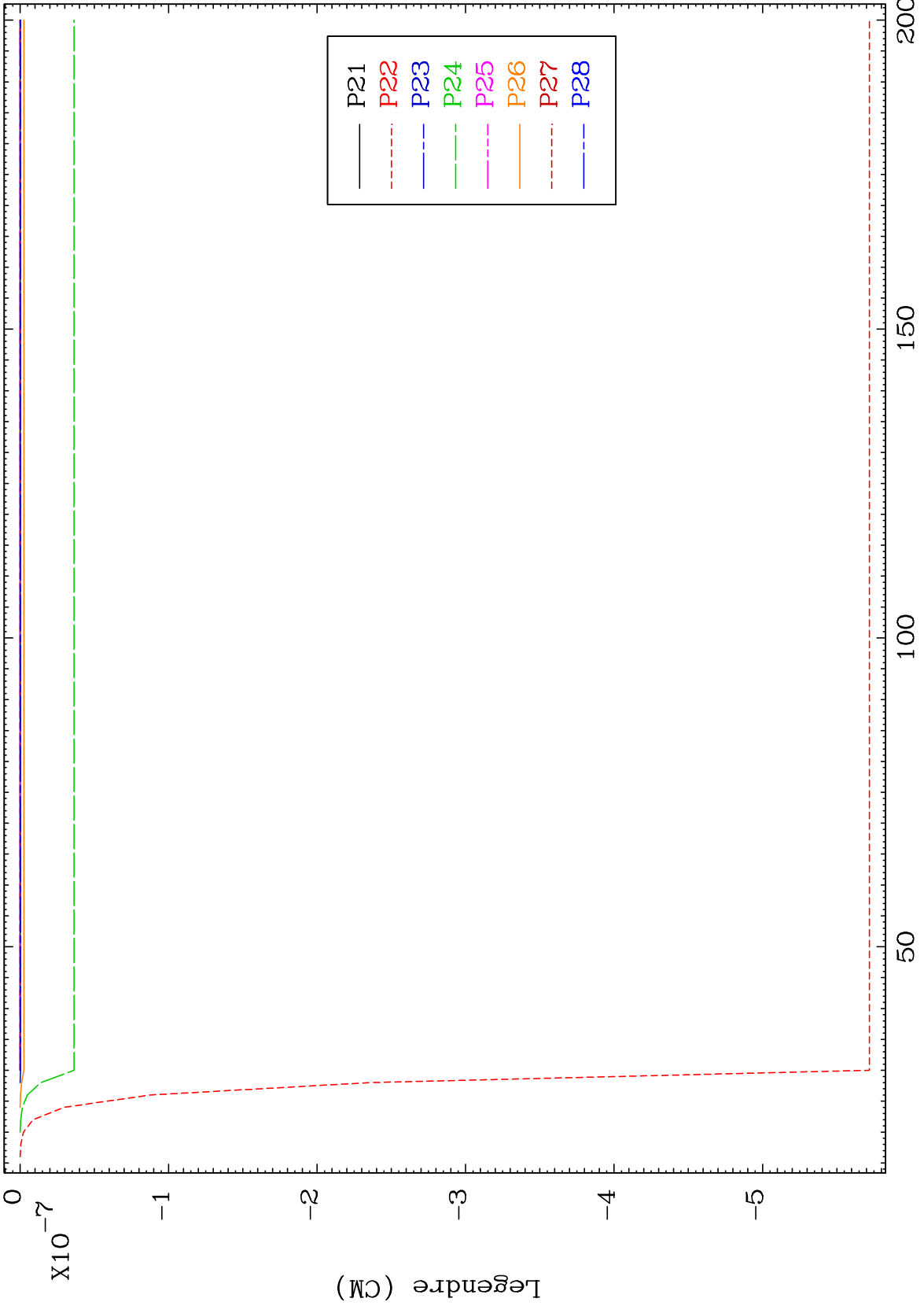


42

Incident Energy (MeV)

48-Cd-122

MAT 4873 MT= 57 (n,n') Level Legendre Coefficients 48-Cd-122

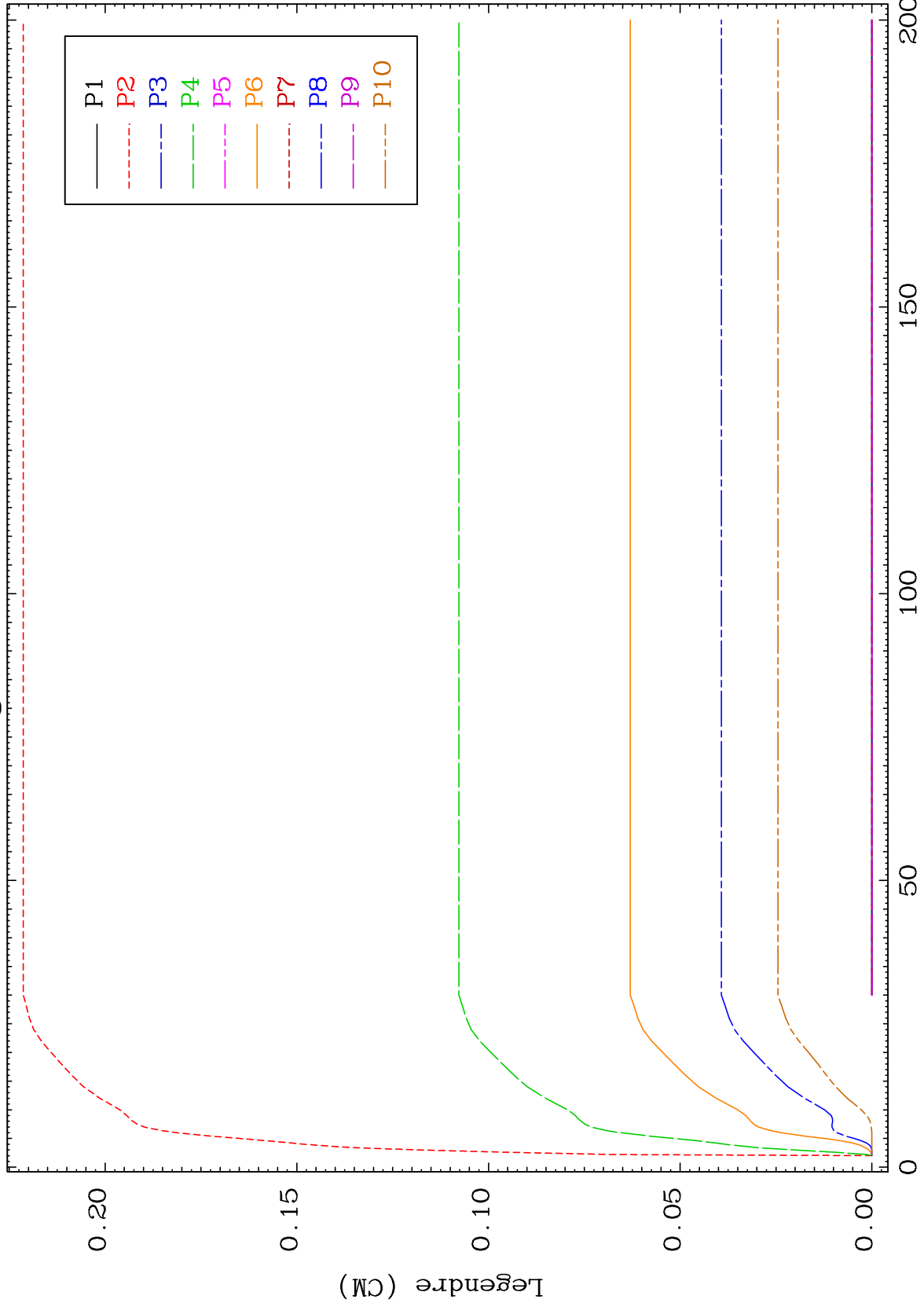


43 48-Cd-122

MAT 4873

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

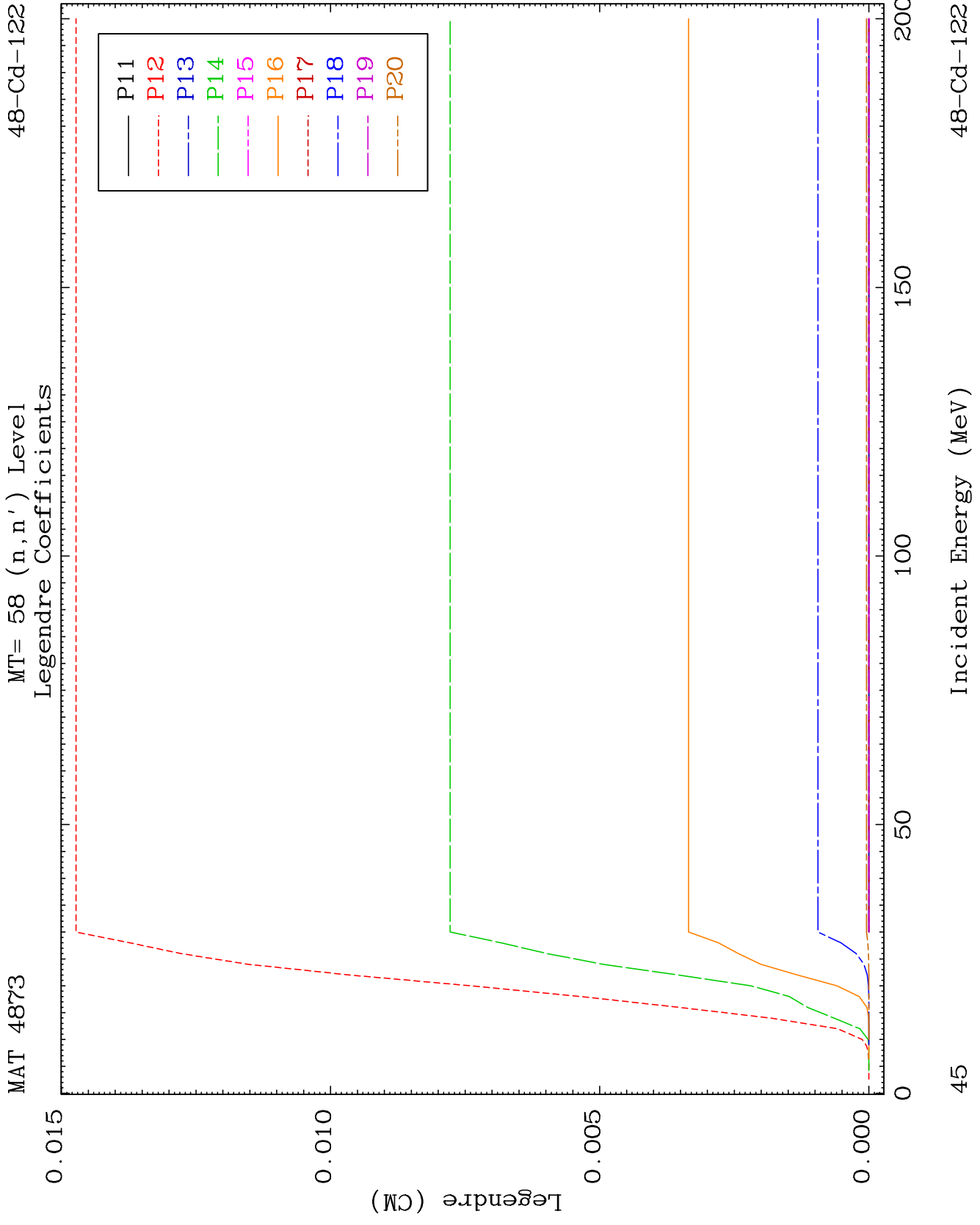
48-Cd-122



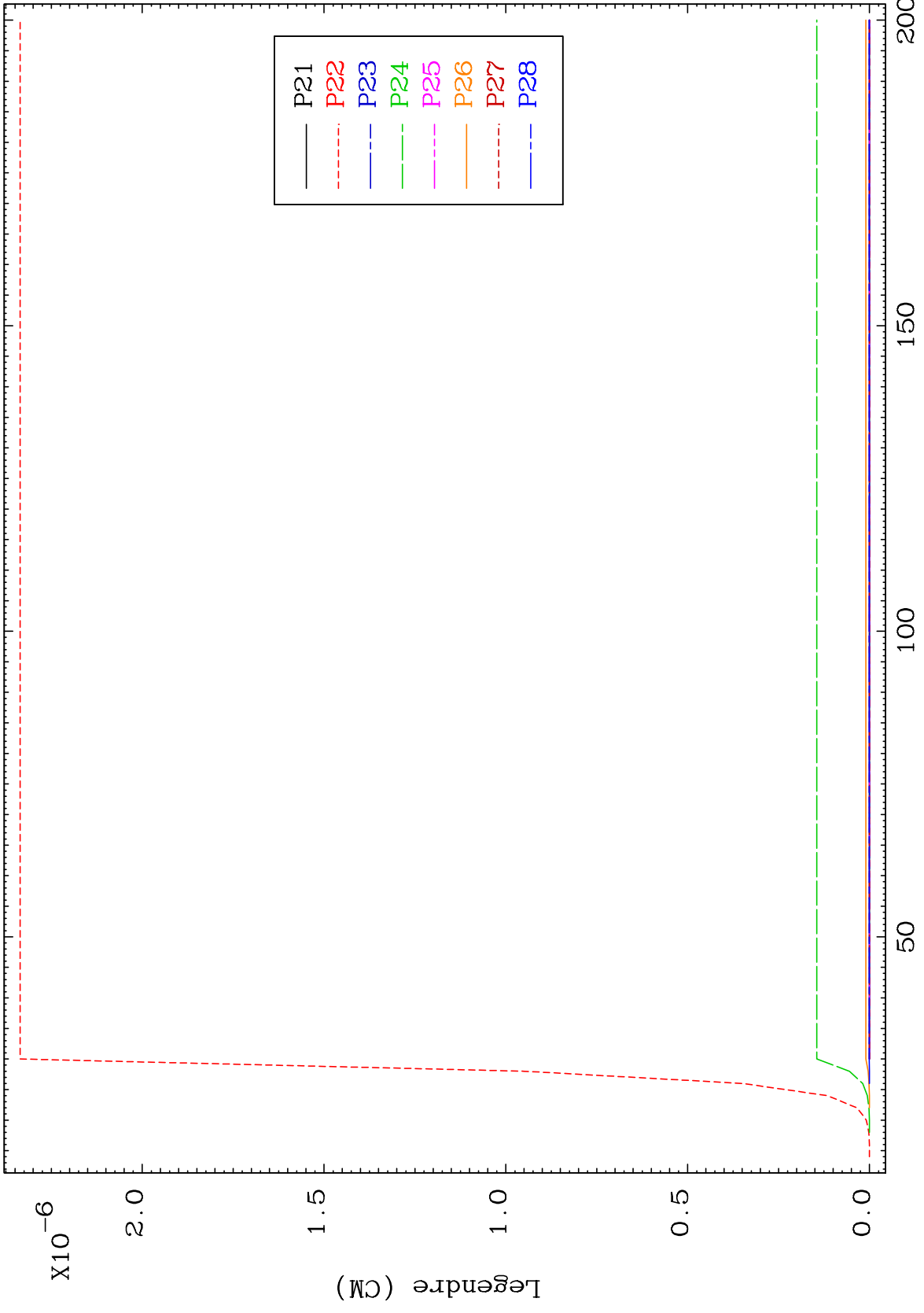
44

Incident Energy (MeV)

48-Cd-122



MAT 4873 MT= 58 (n,n') Level Legendre Coefficients 48-Cd-122

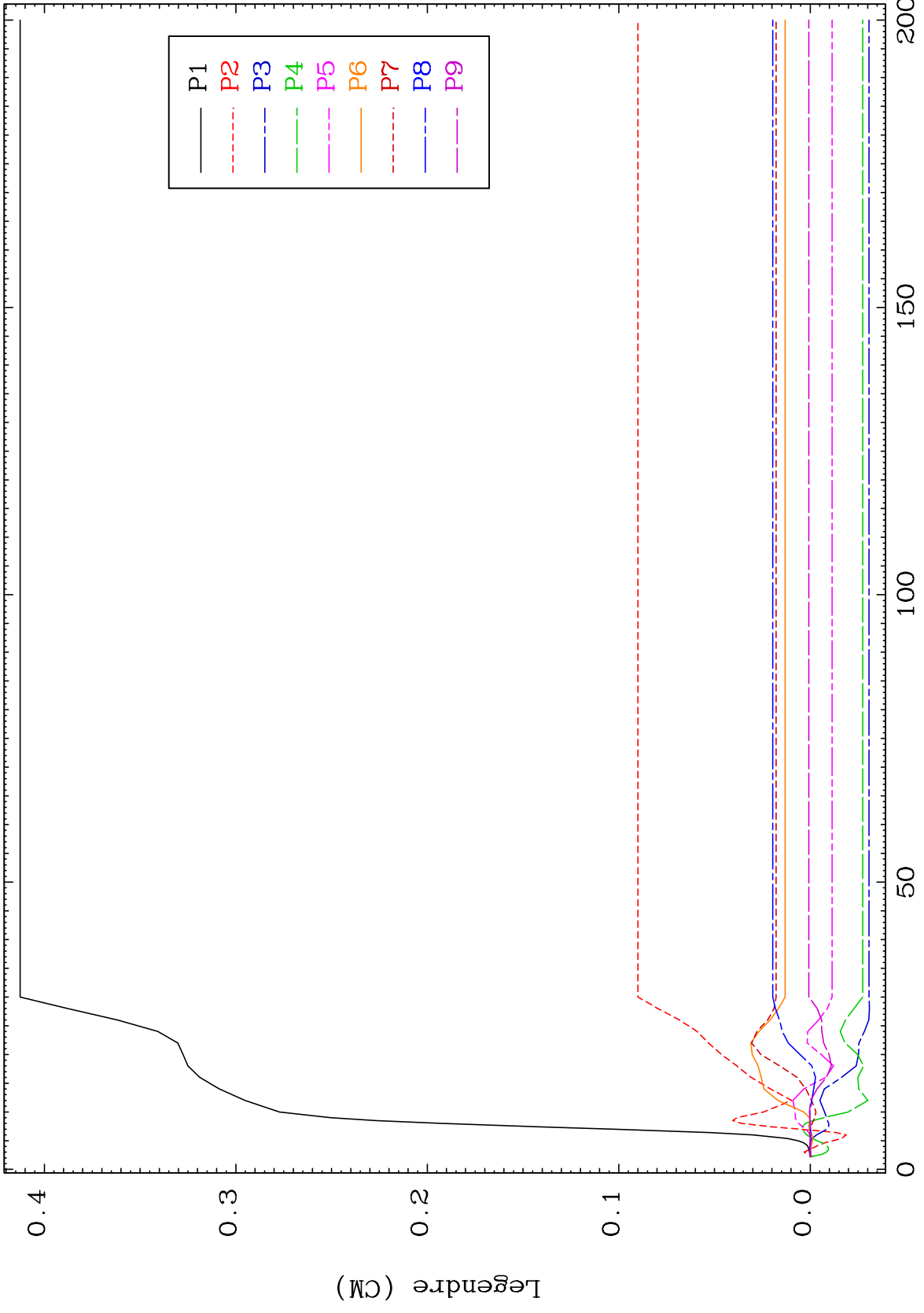


46 Incident Energy (MeV) 48-Cd-122

MAT 4873

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

48-Cd-122



47

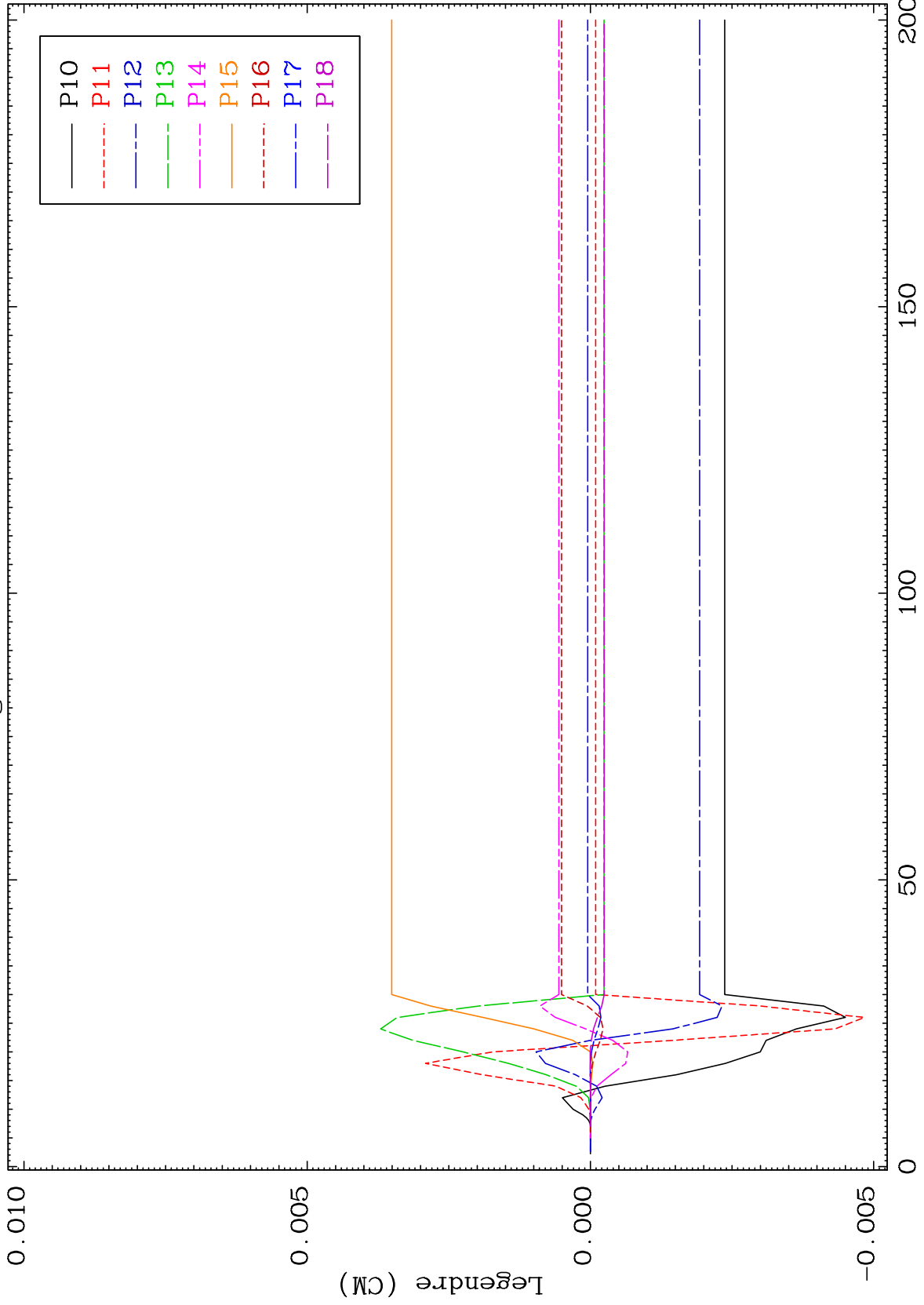
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48

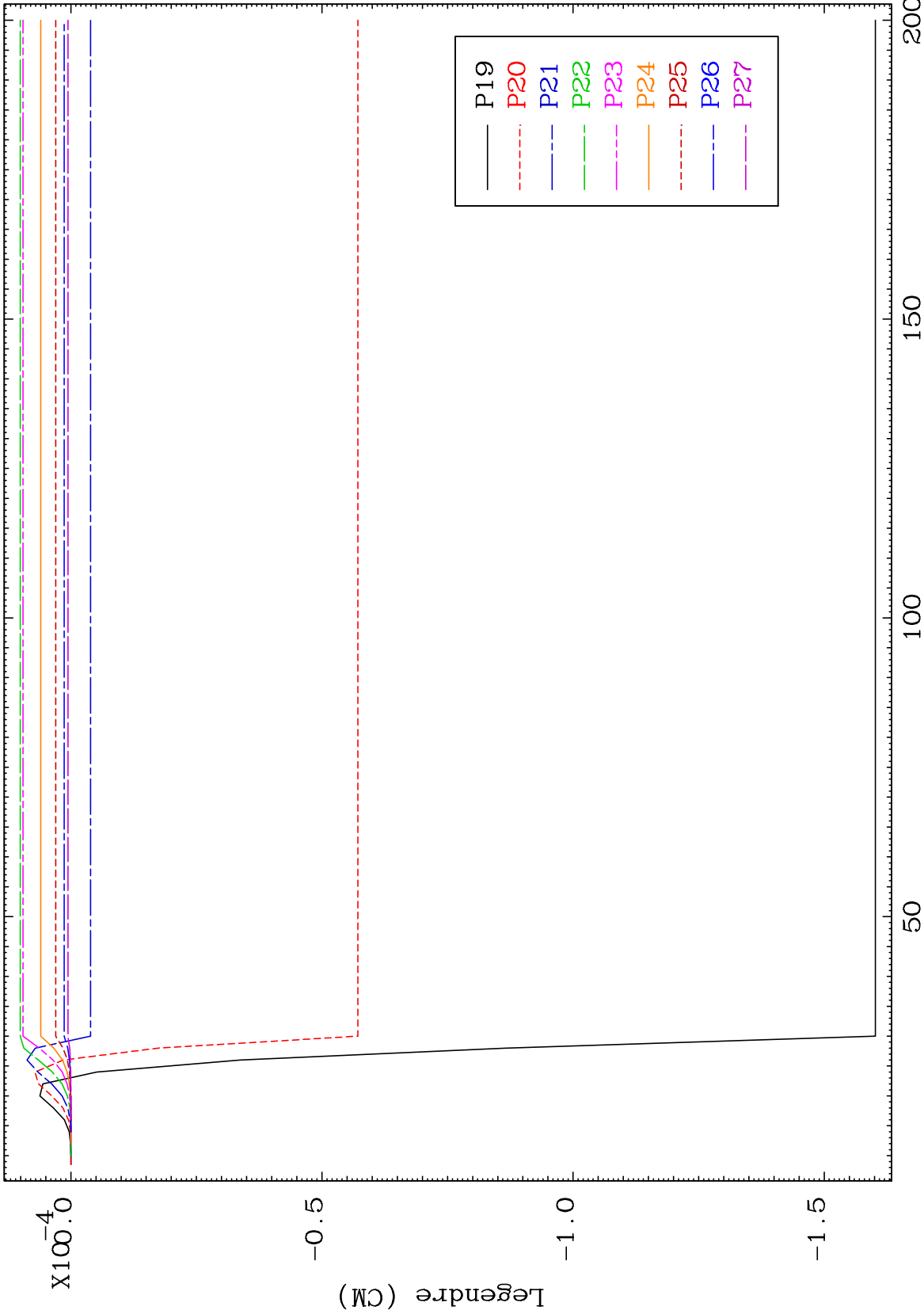
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



49

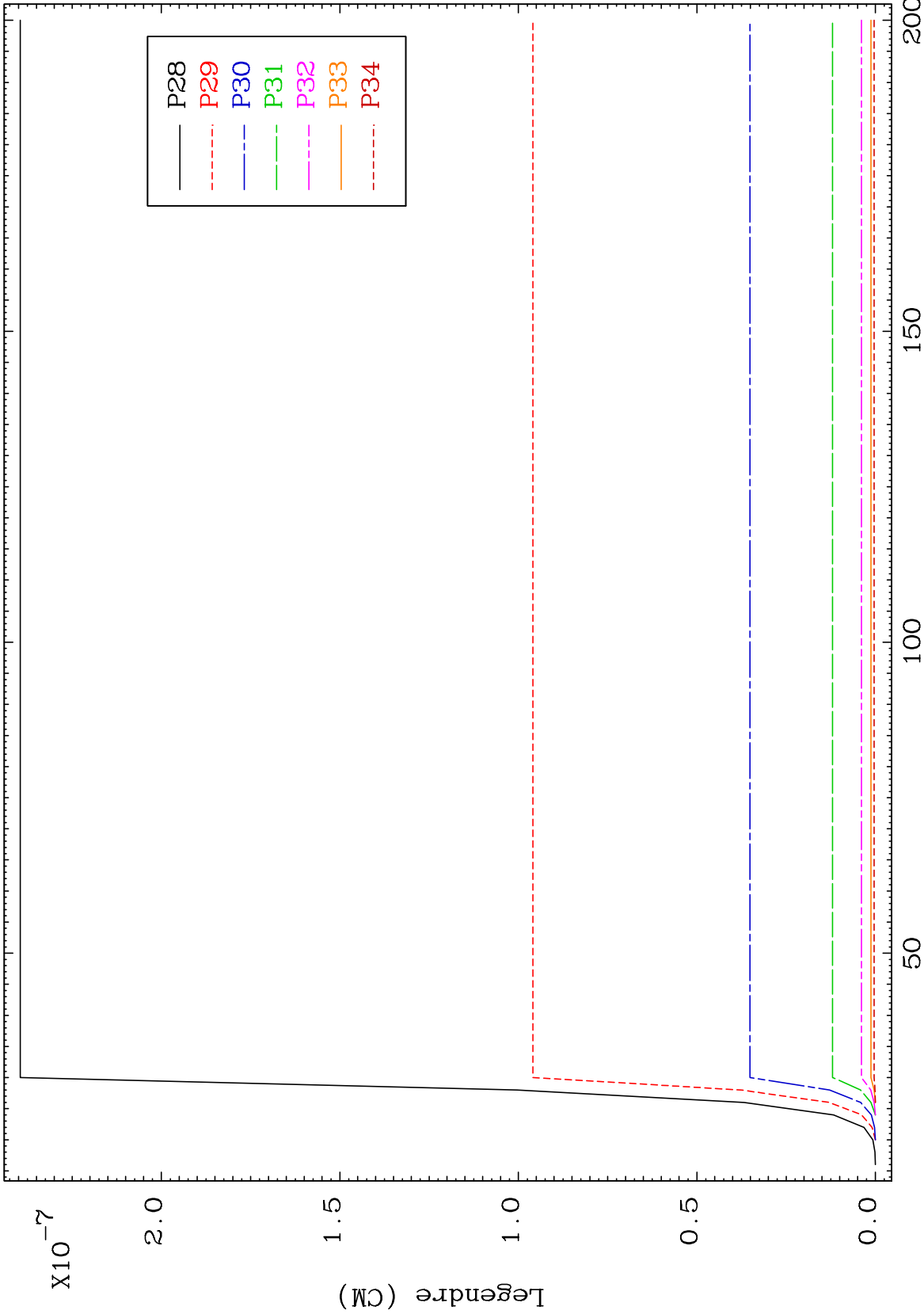
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



50

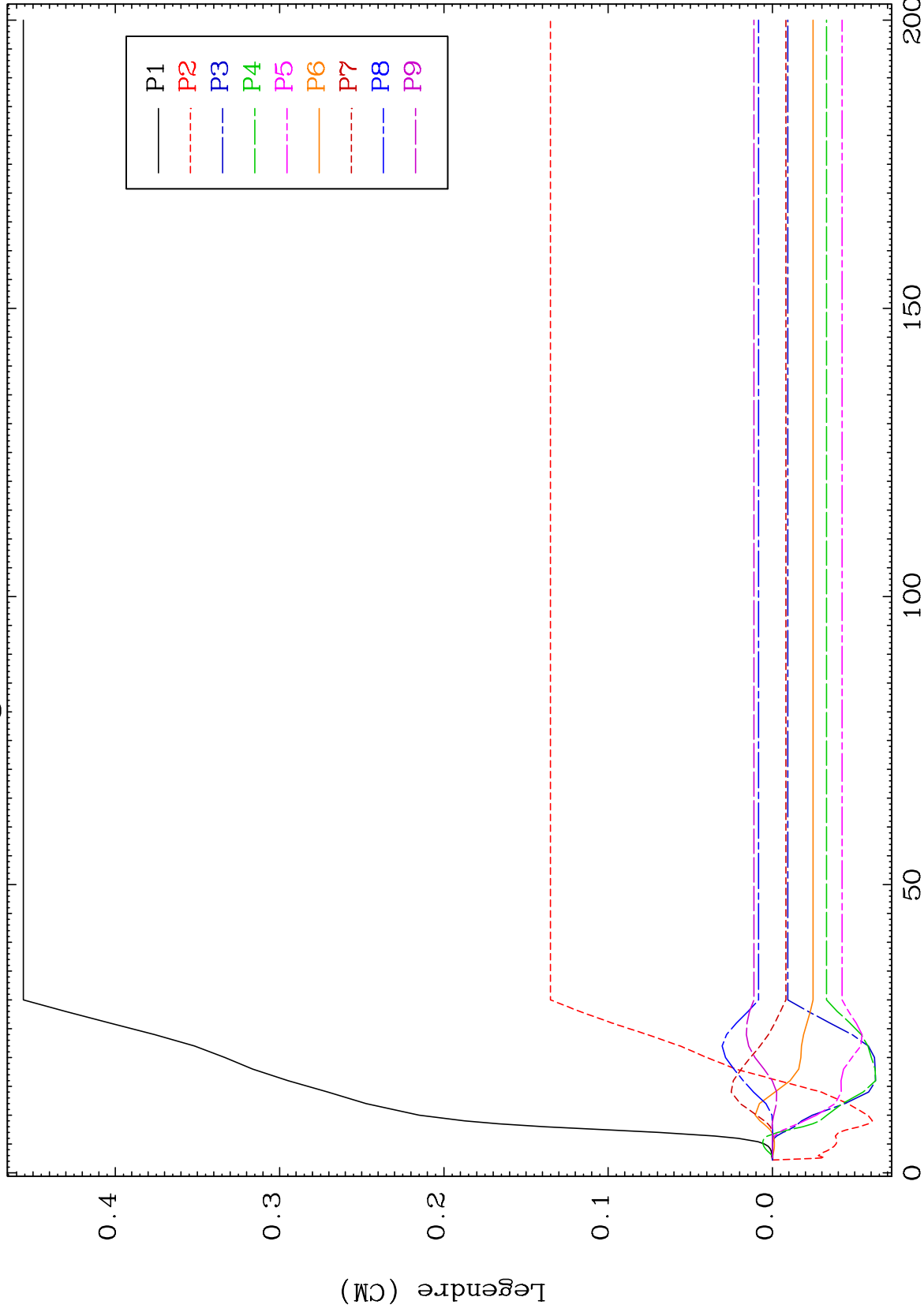
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



51

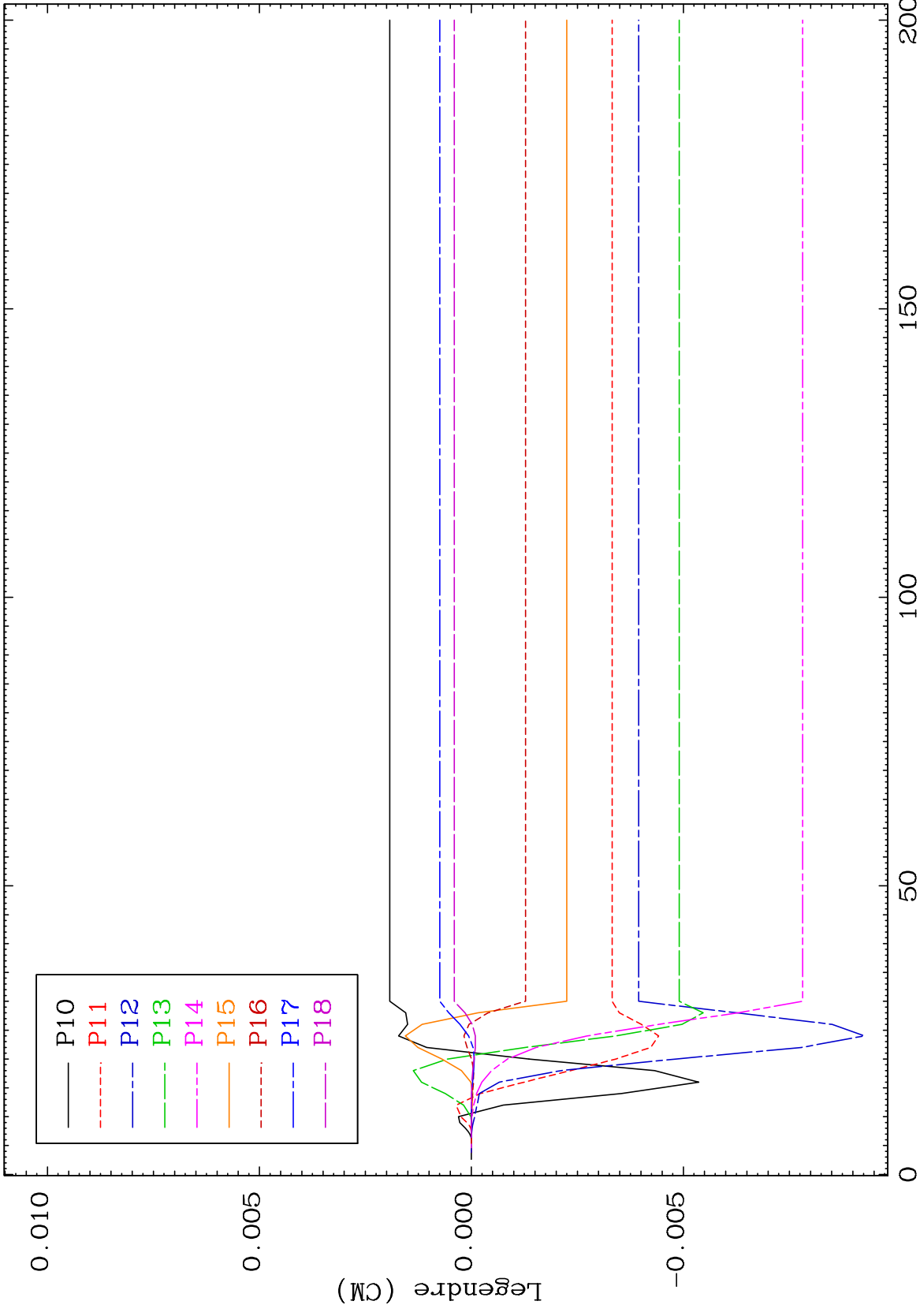
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



52

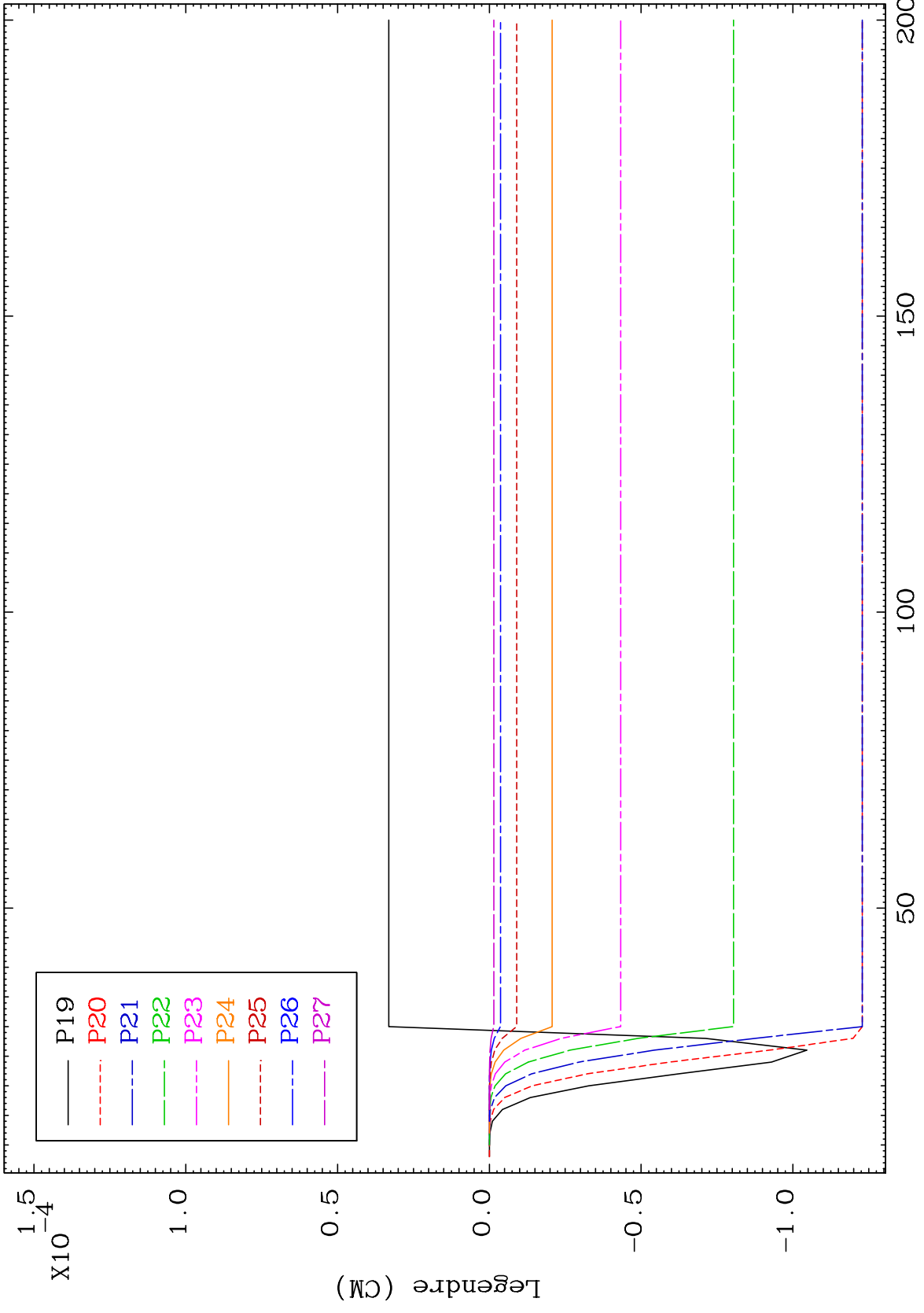
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



53

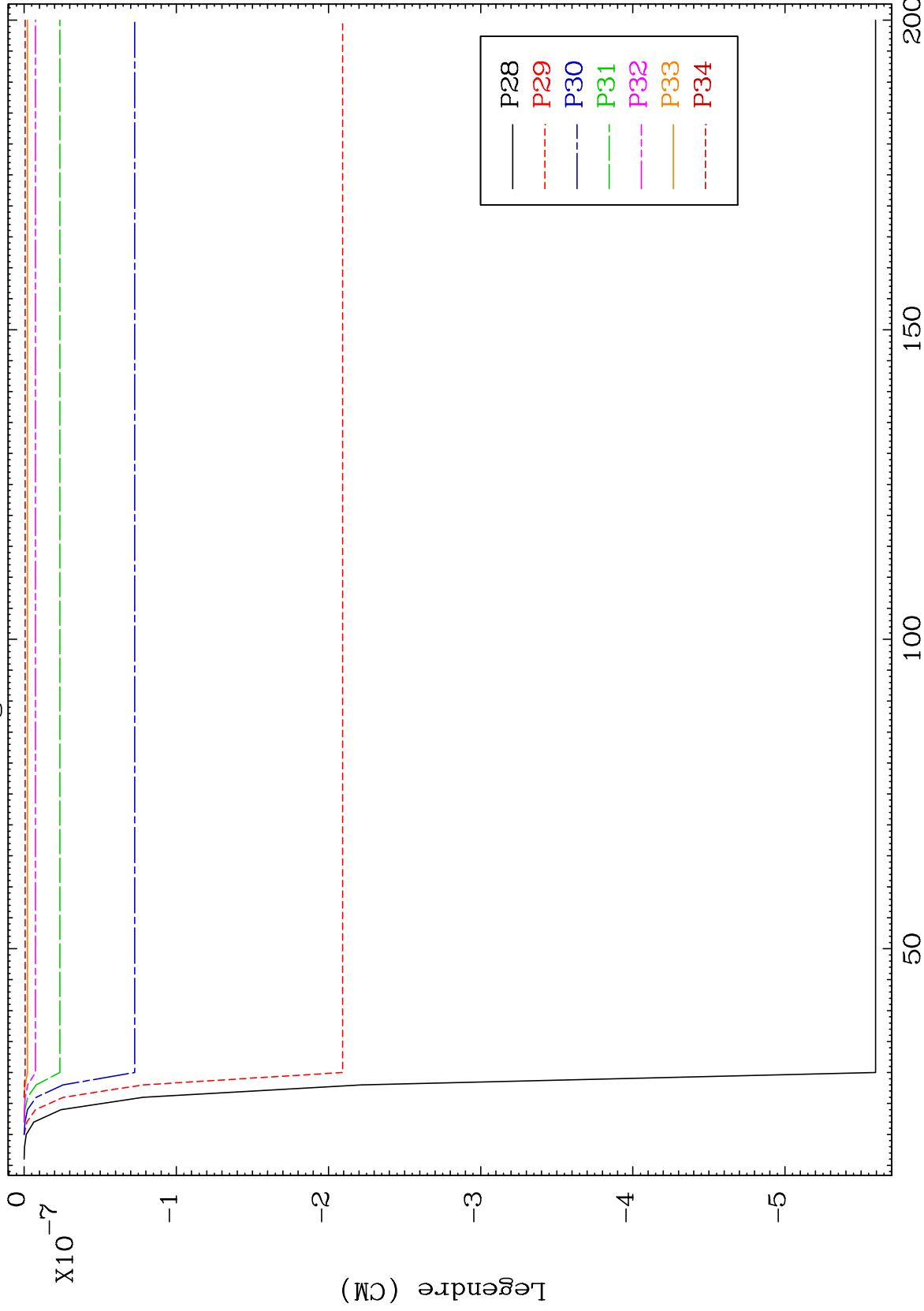
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

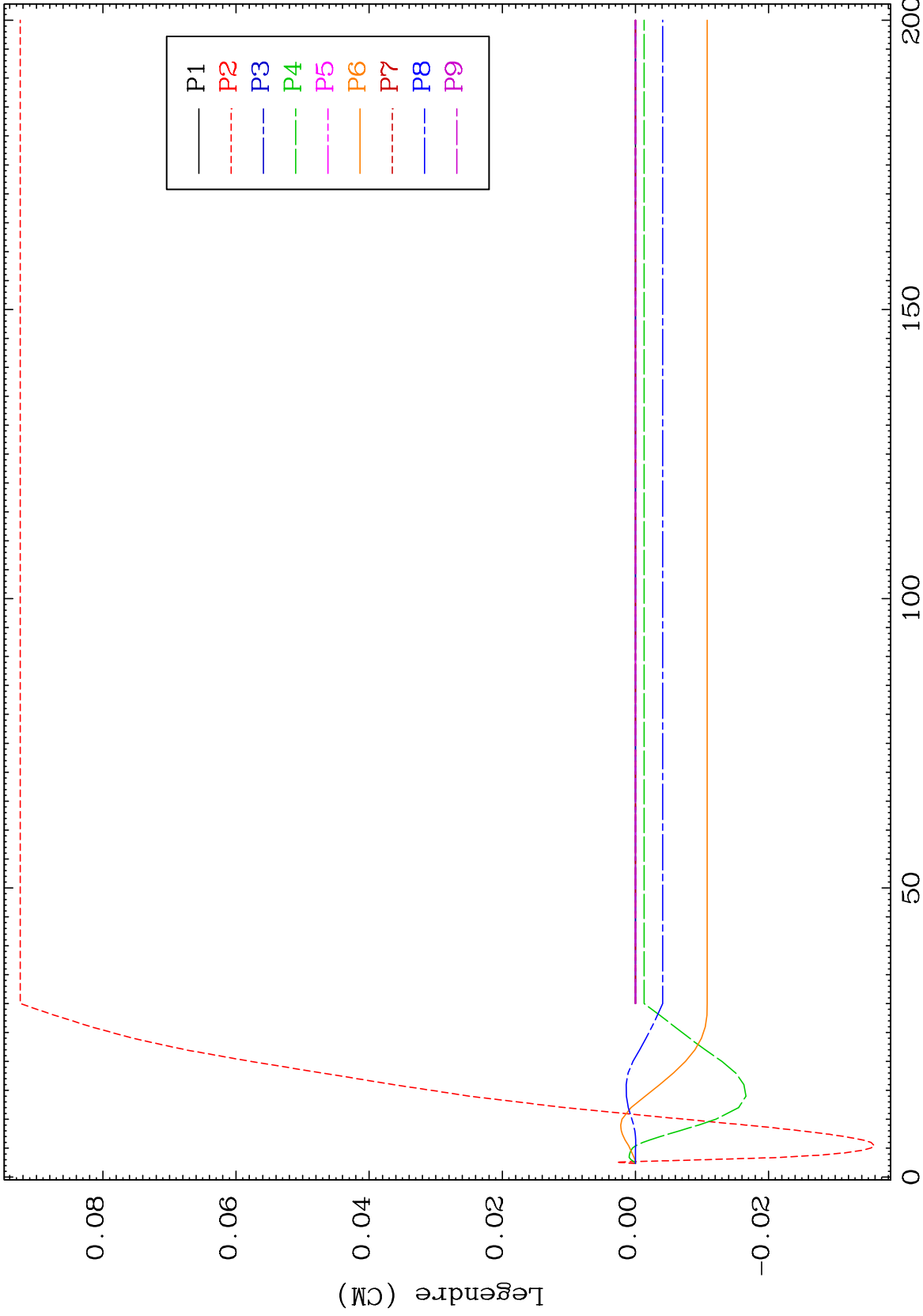
Incident Energy (MeV)

54

MAT 4873

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

48-Cd-122



55

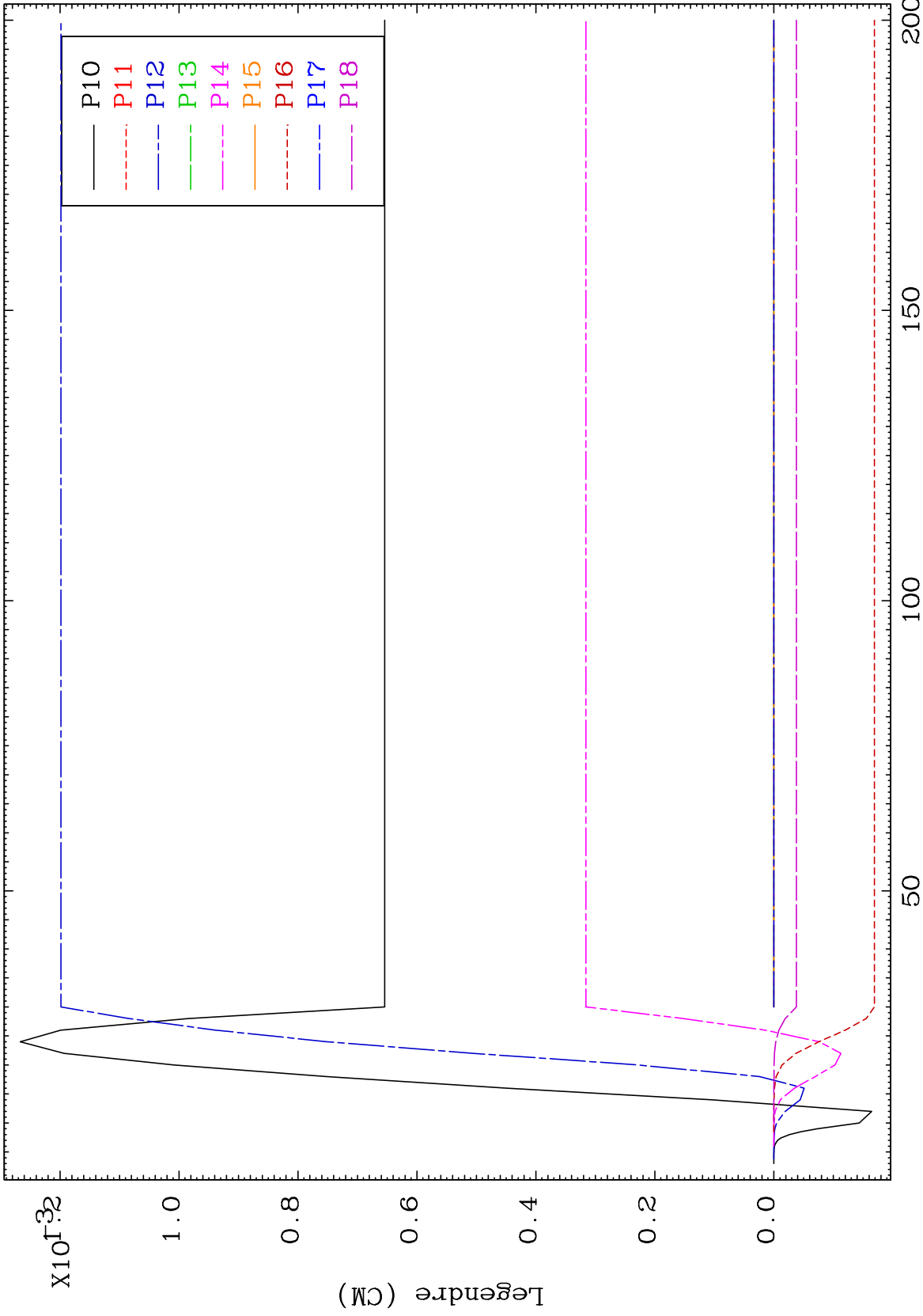
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



56

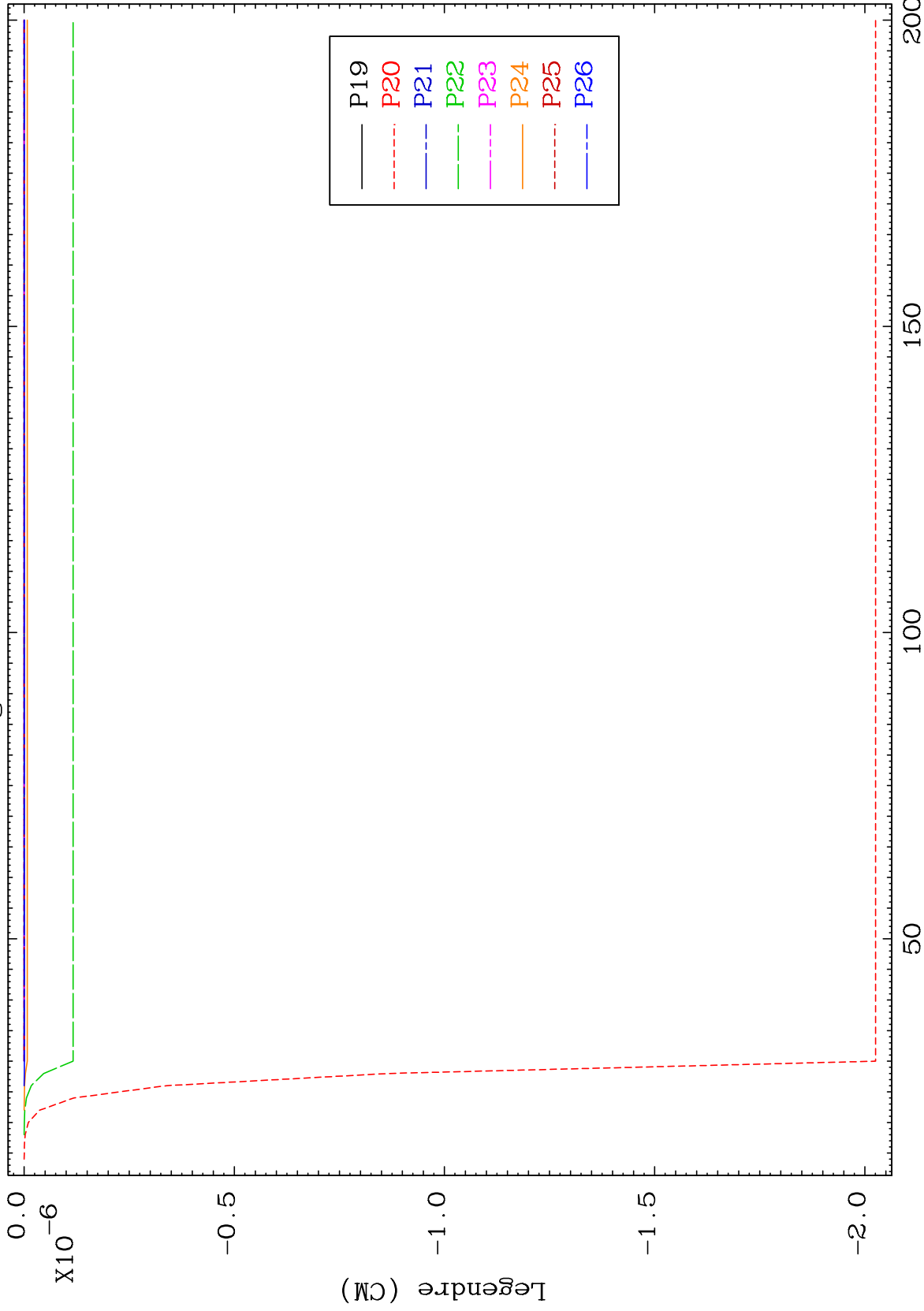
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

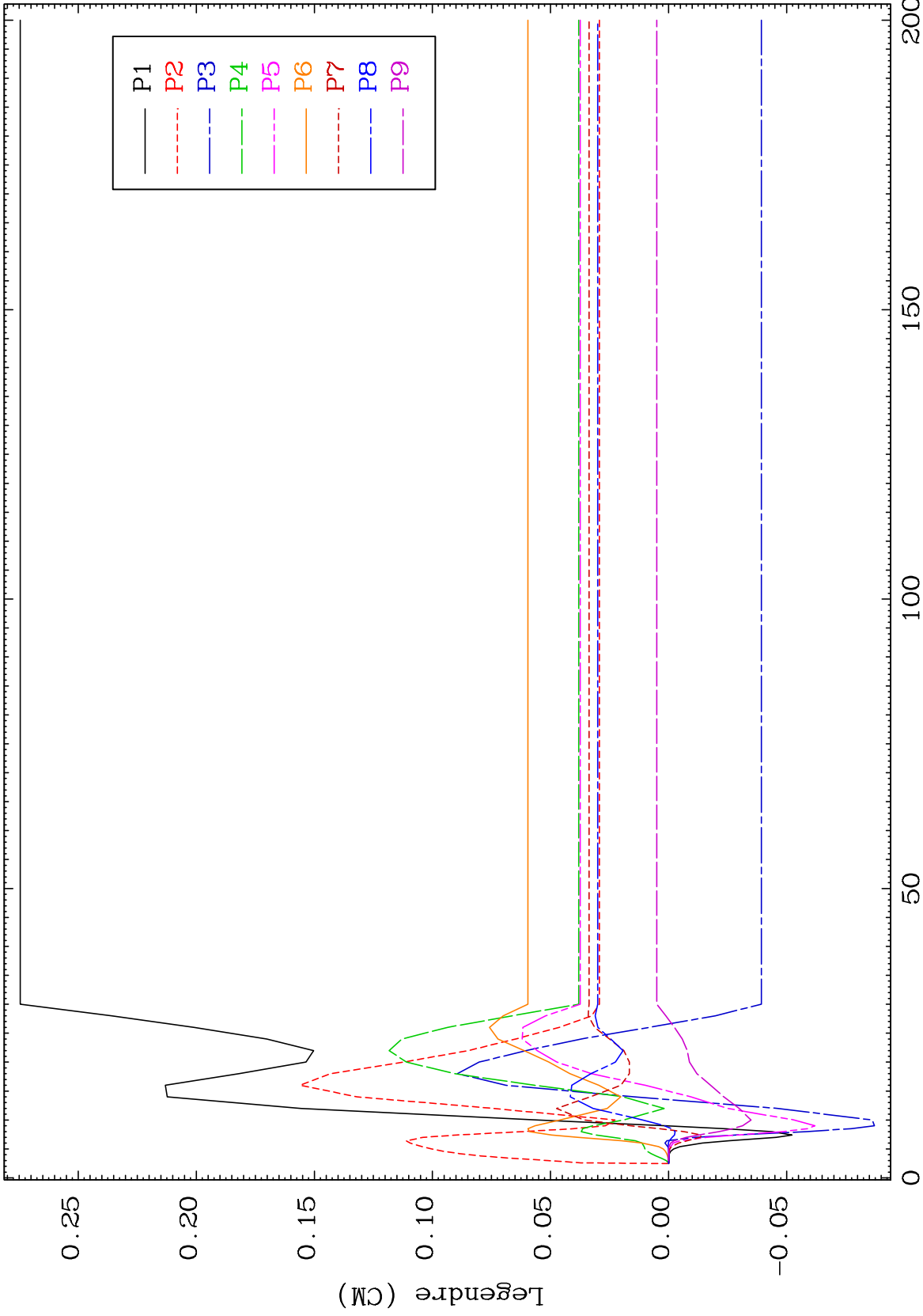


57

MAT 4873

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

48-Cd-122



58

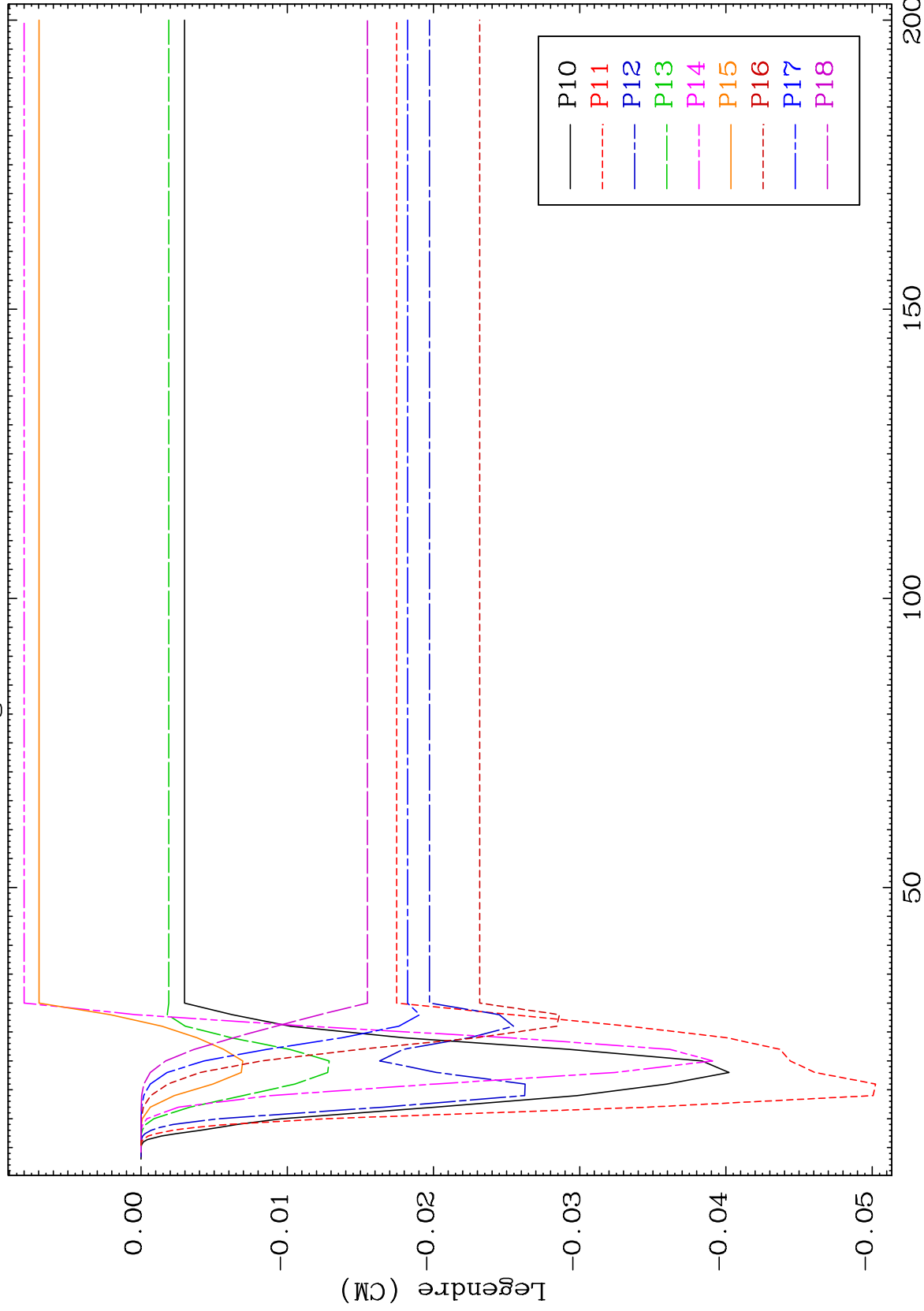
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

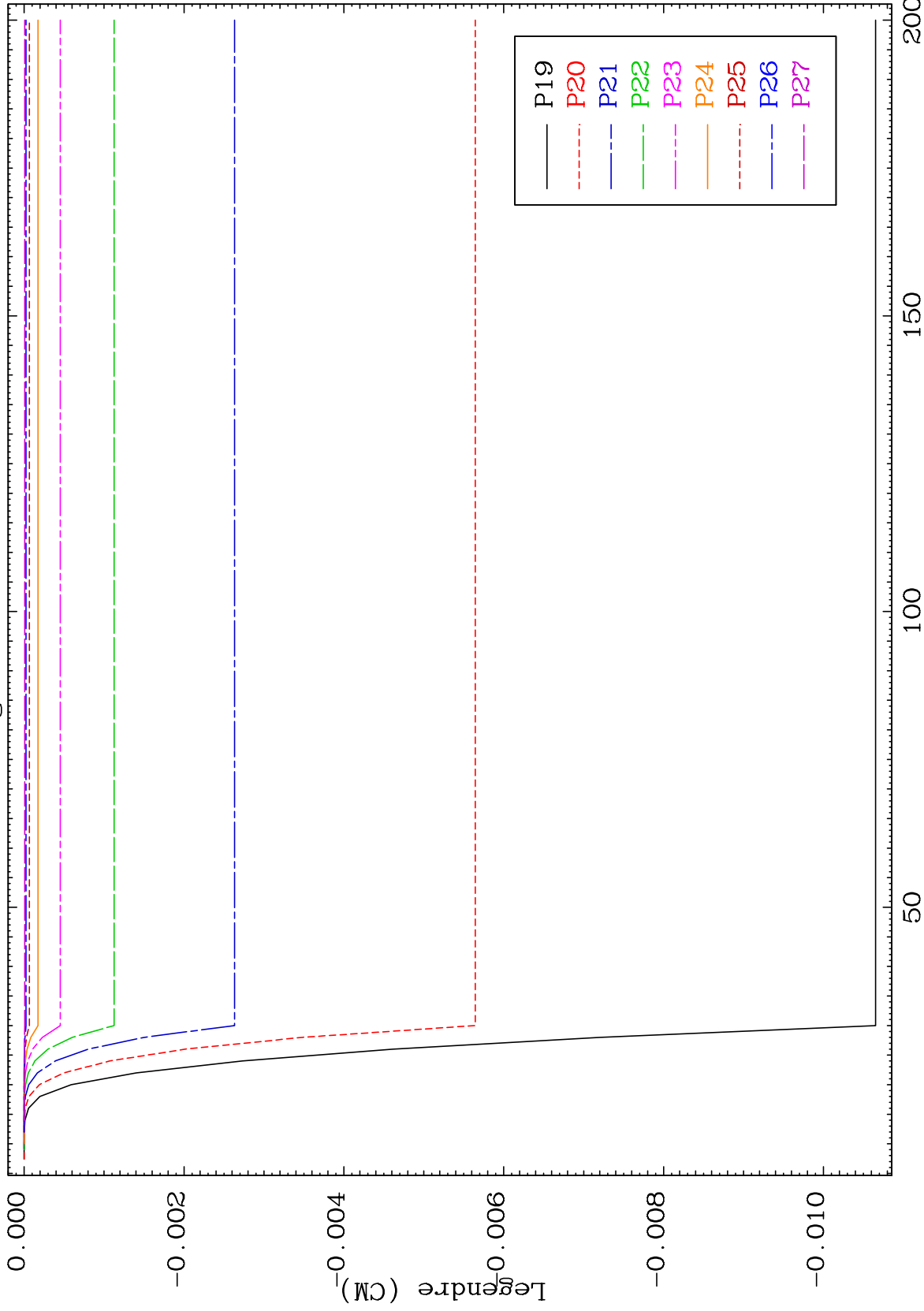


59

Incident Energy (MeV)

48-Cd-122

MAT 4873 MT= 62 (n,n') Level Legendre Coefficients 48-Cd-122

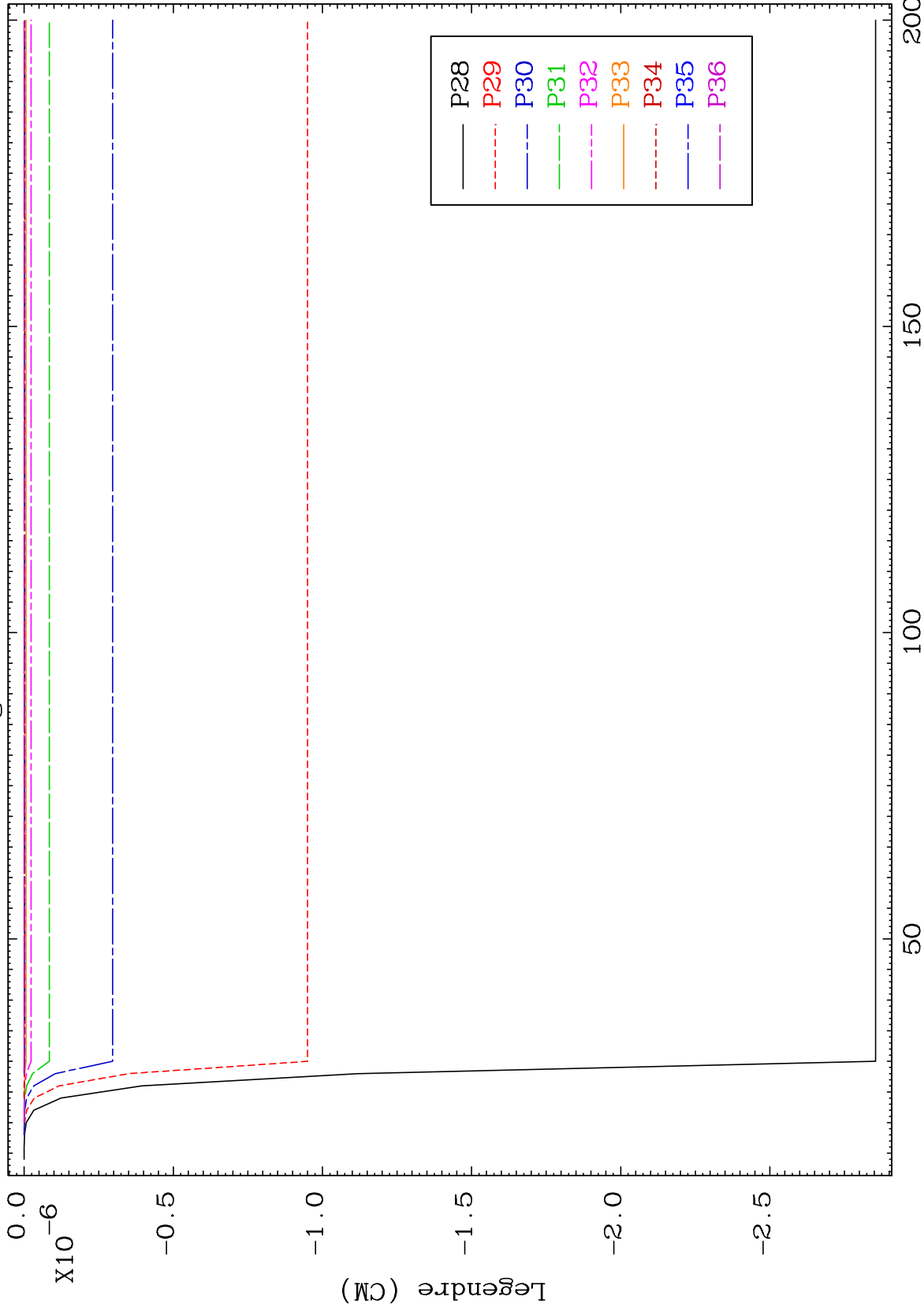


60 Incident Energy (MeV) 48-Cd-122

MAT 4873

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

48-Cd-122



61

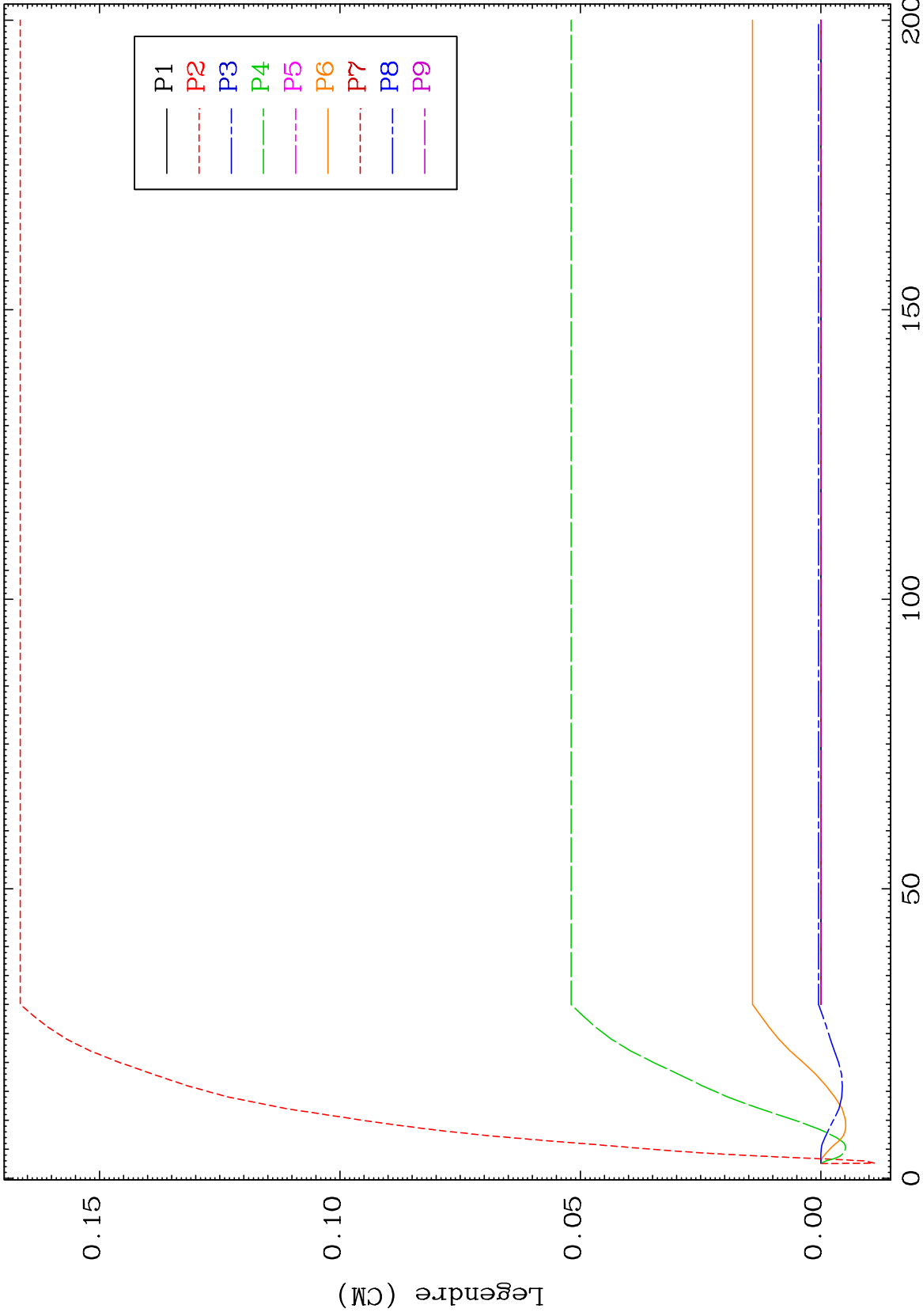
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



62

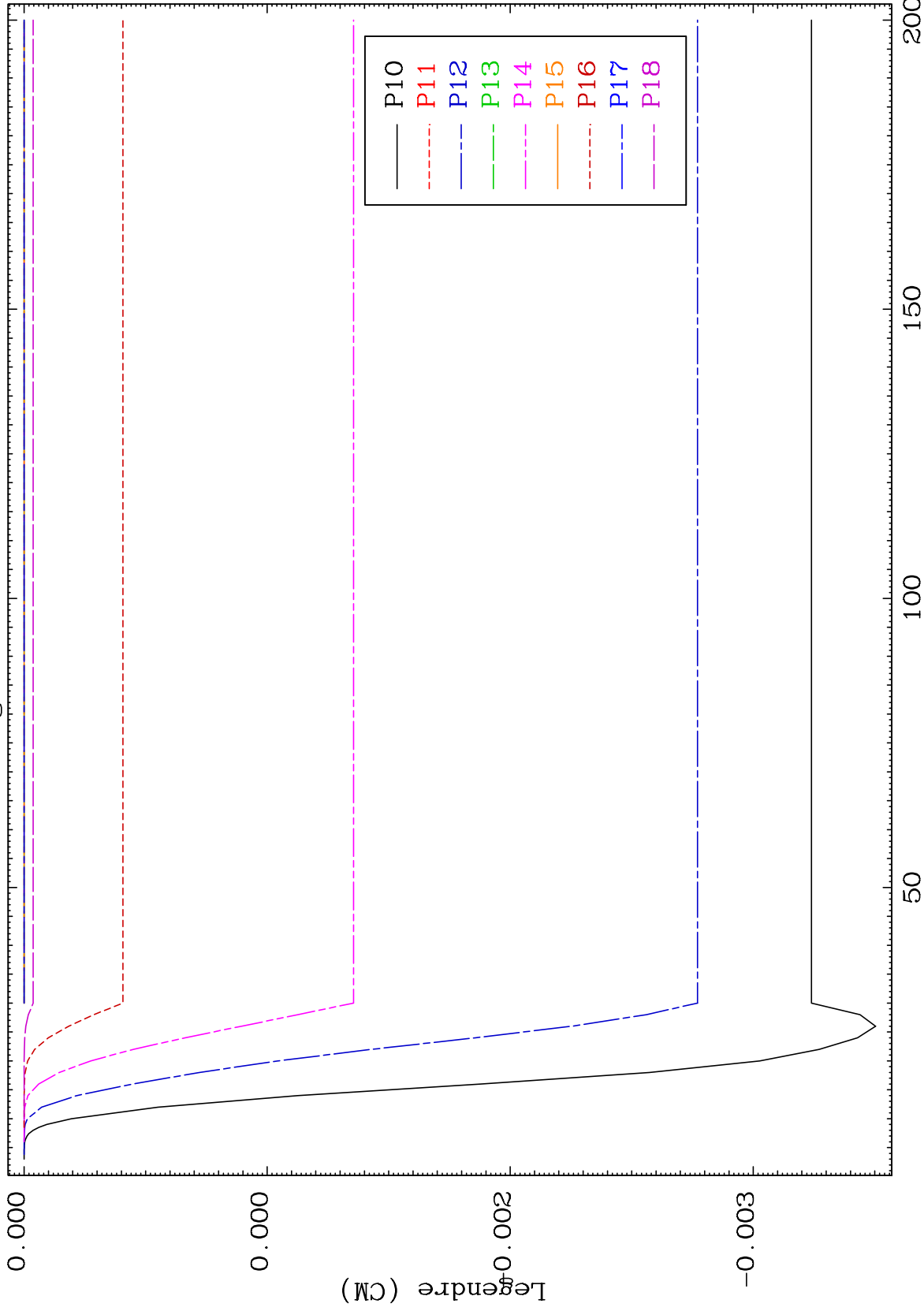
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

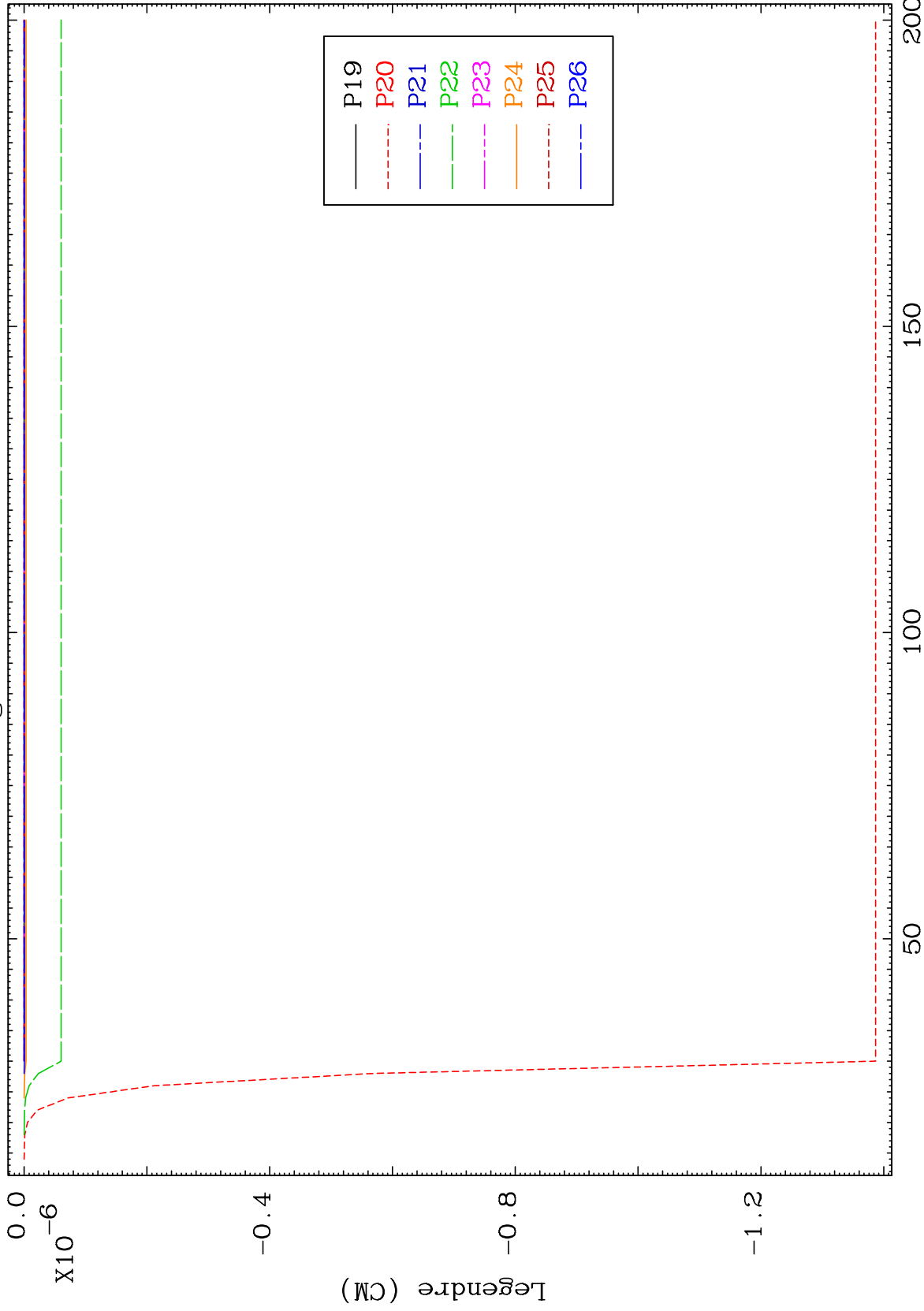
Incident Energy (MeV)

63

MAT 4873

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

48-Cd-122



48-Cd-122

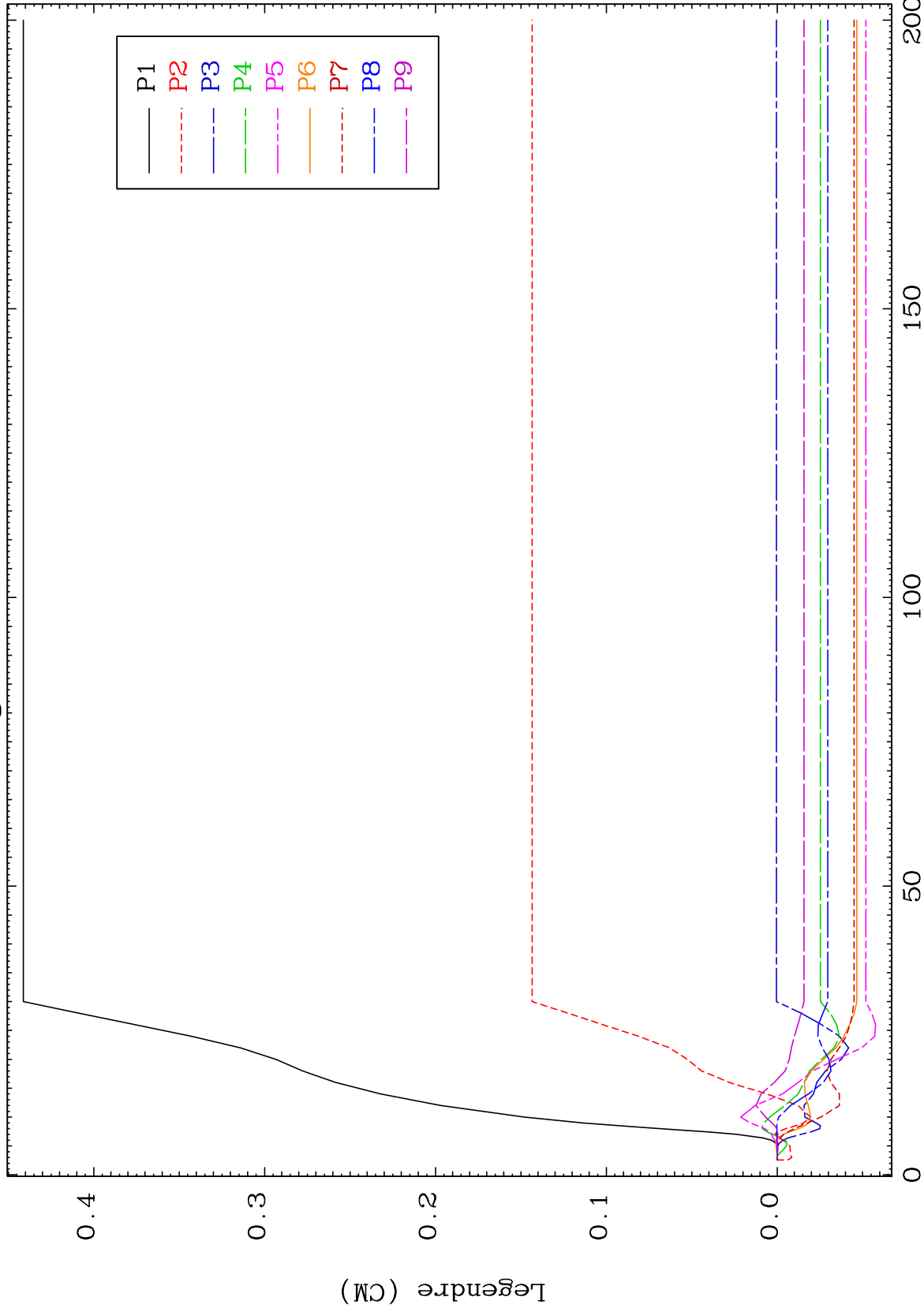
Incident Energy (MeV)

64

MAT 4873

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

48-Cd-122



65

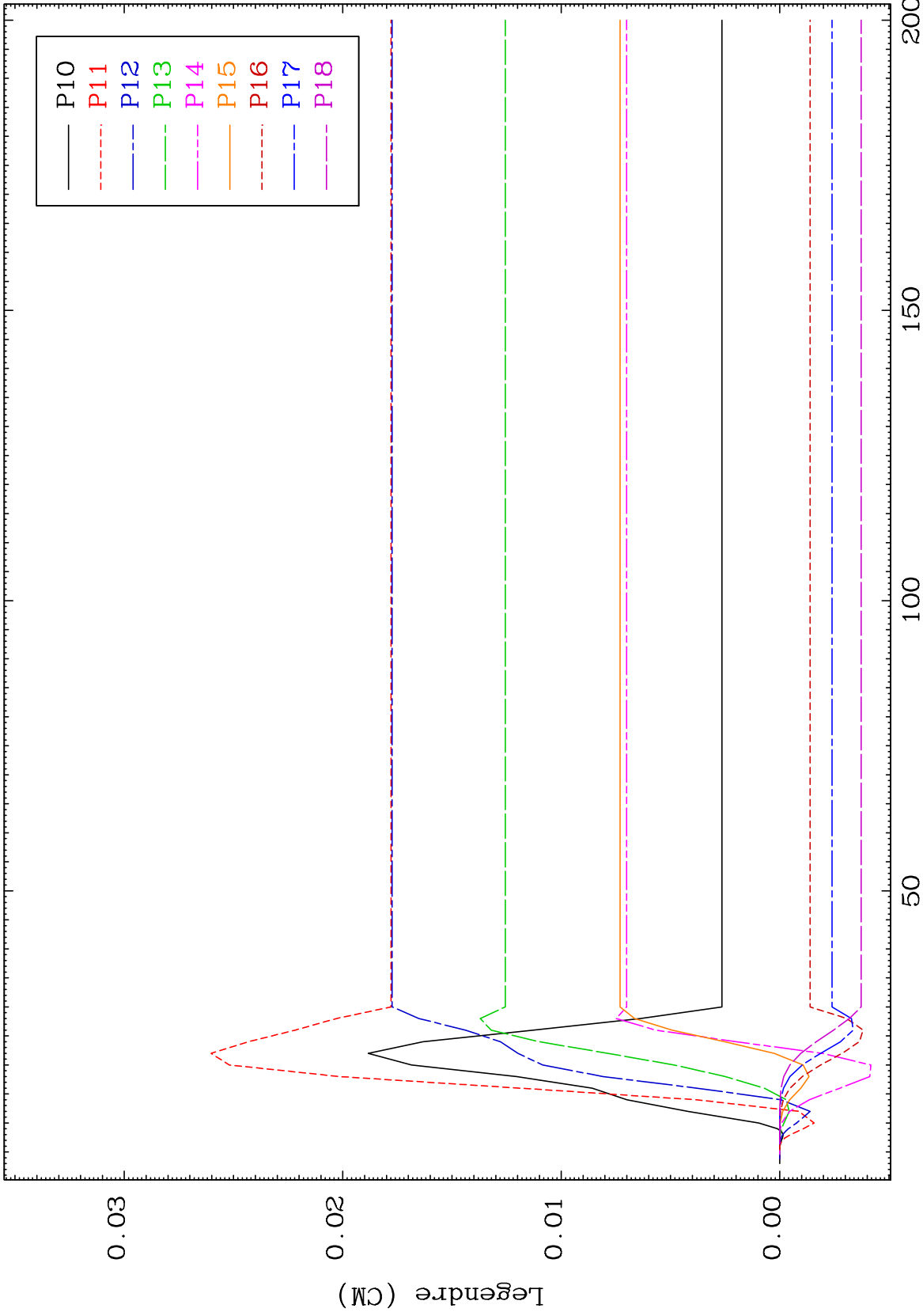
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



66

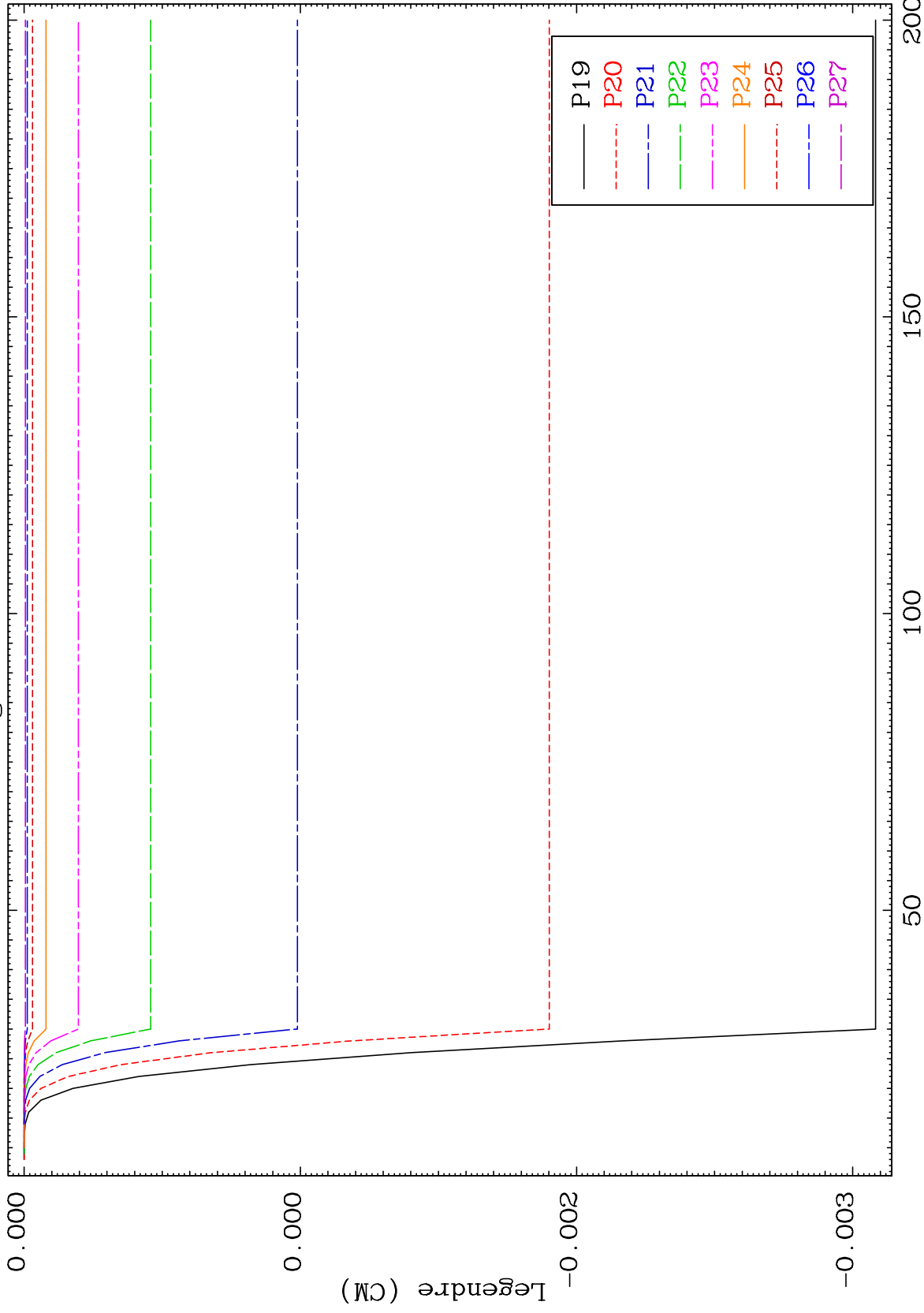
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

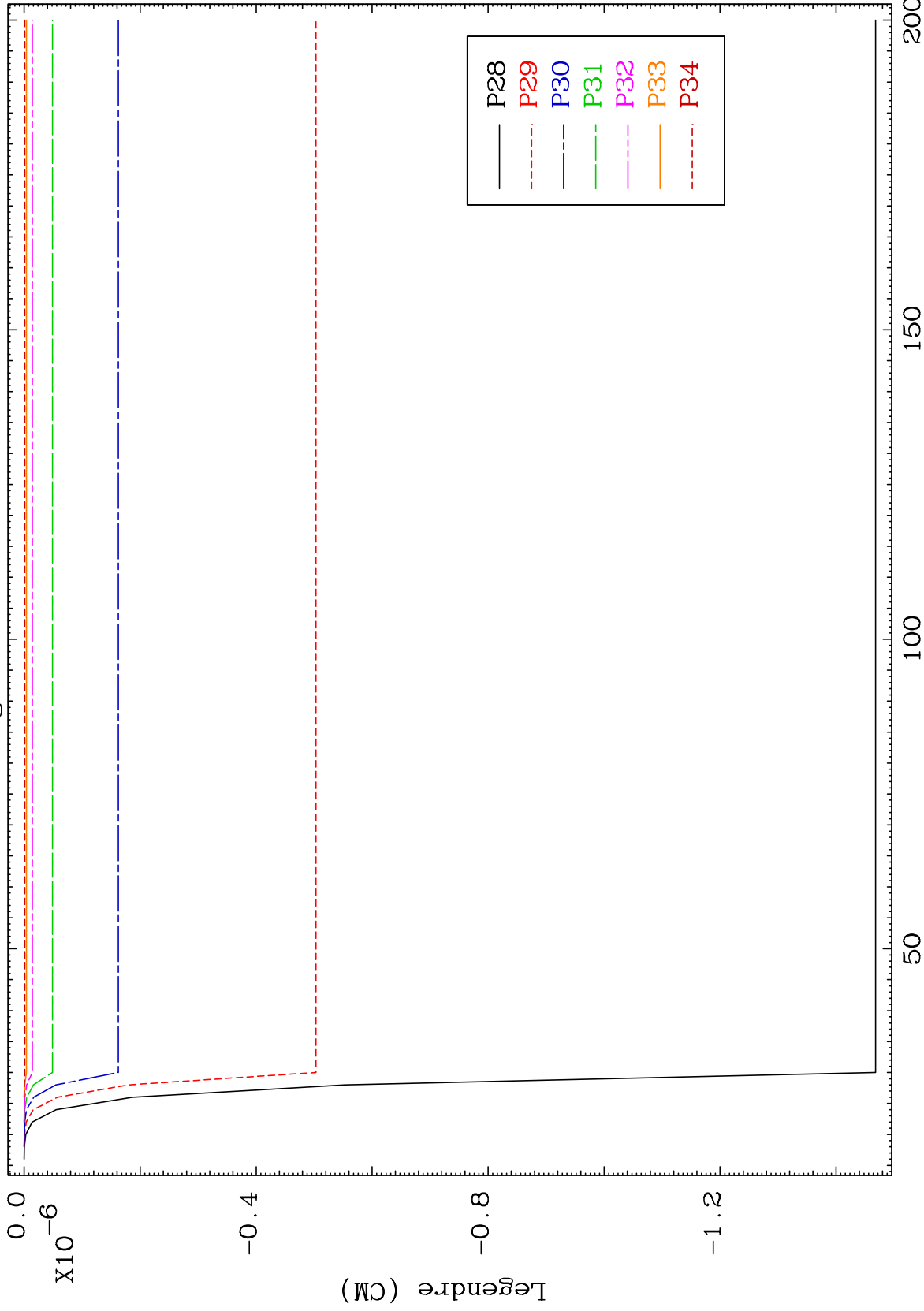
Incident Energy (MeV)

67

MAT 4873

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

48-Cd-122



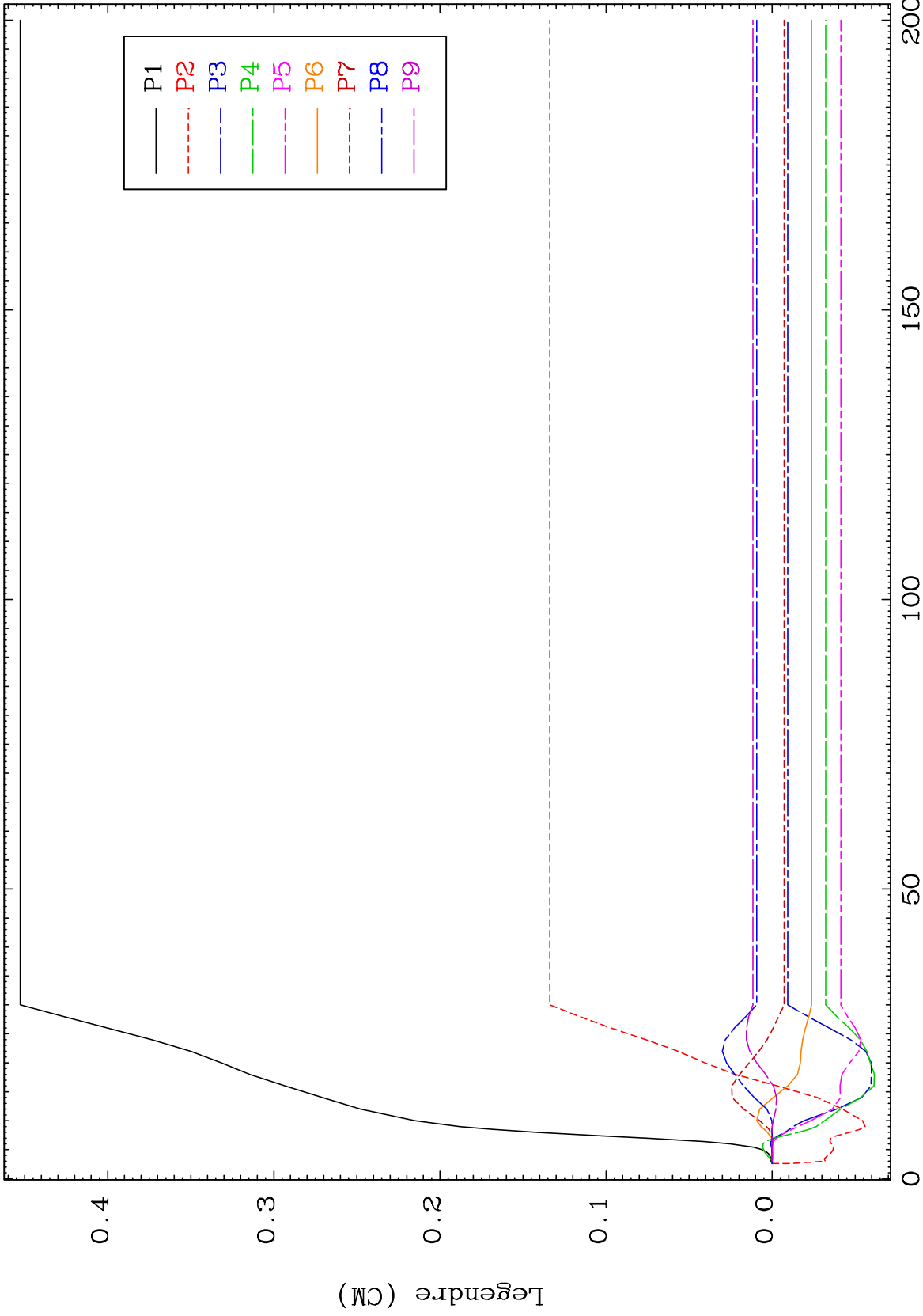
68

48-Cd-122

MAT 4873

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

48-Cd-122



69

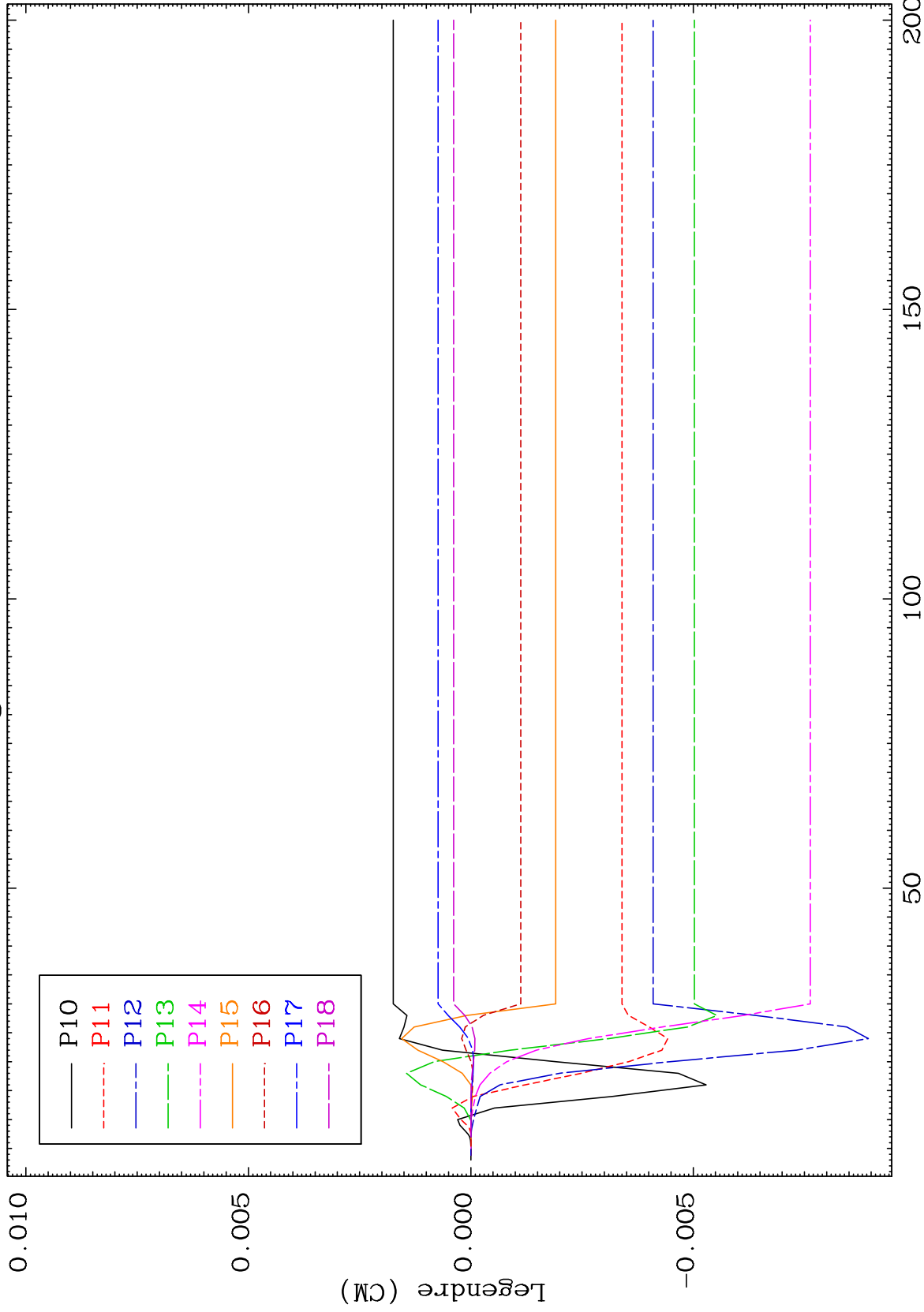
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



70

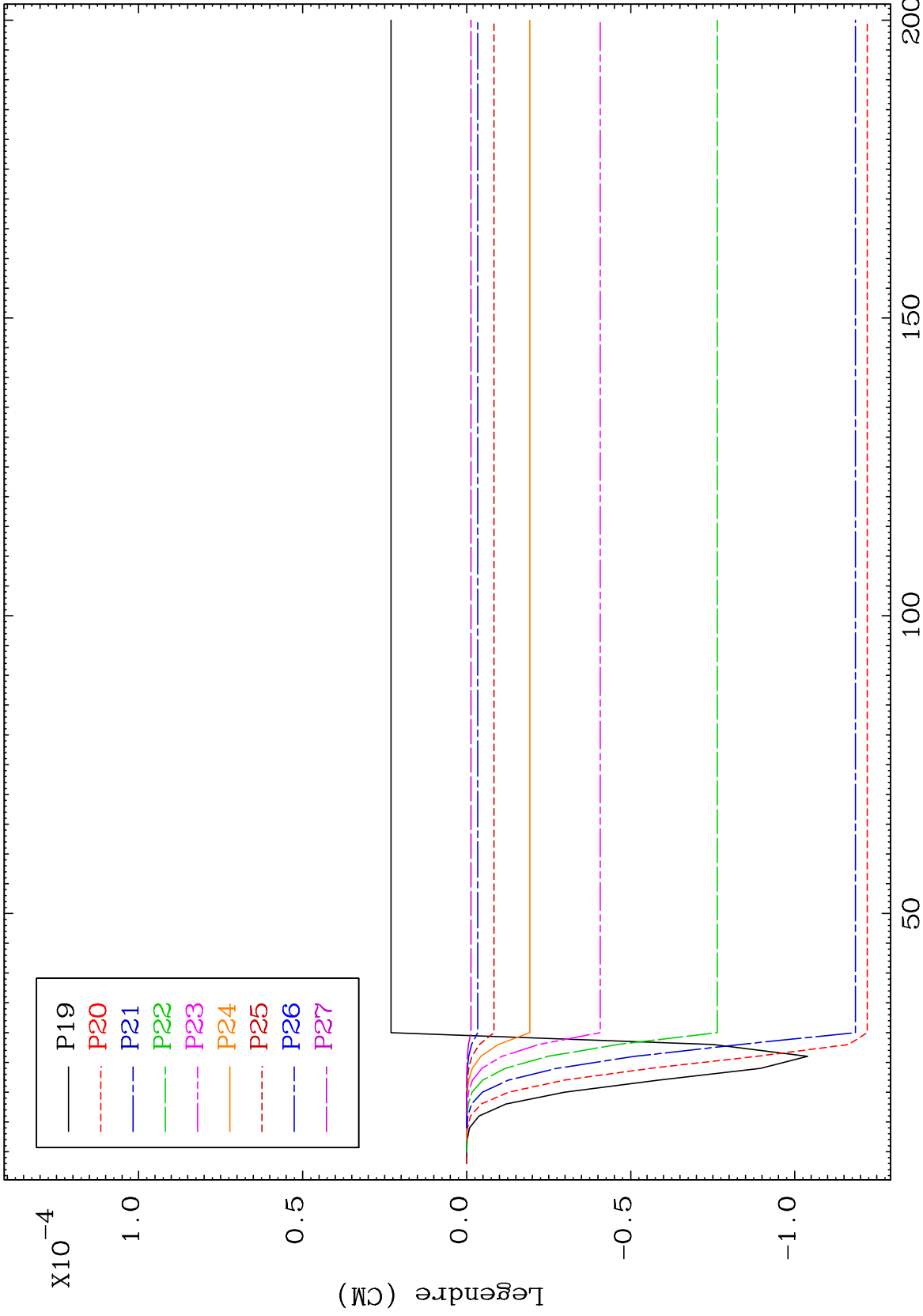
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



71

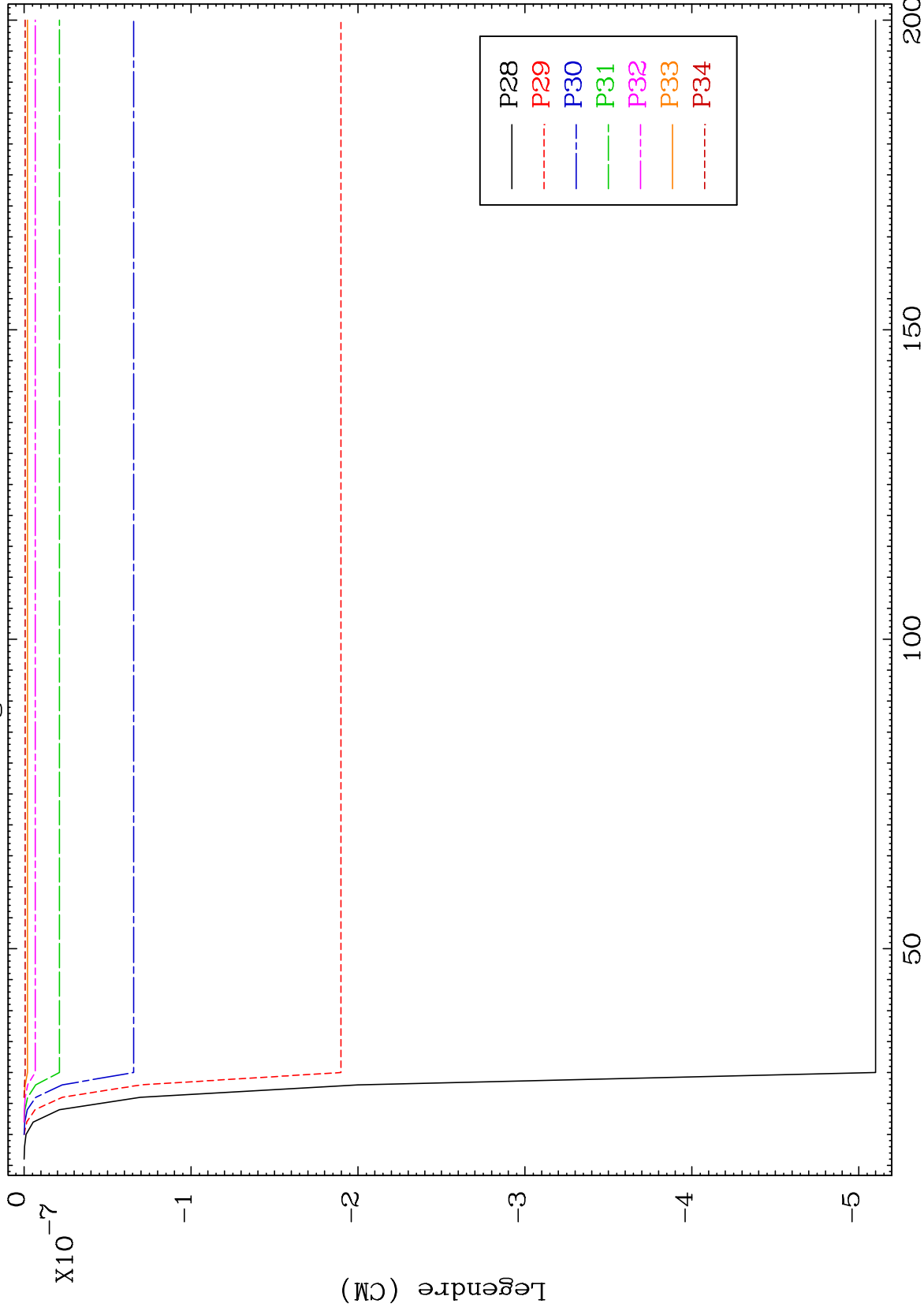
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

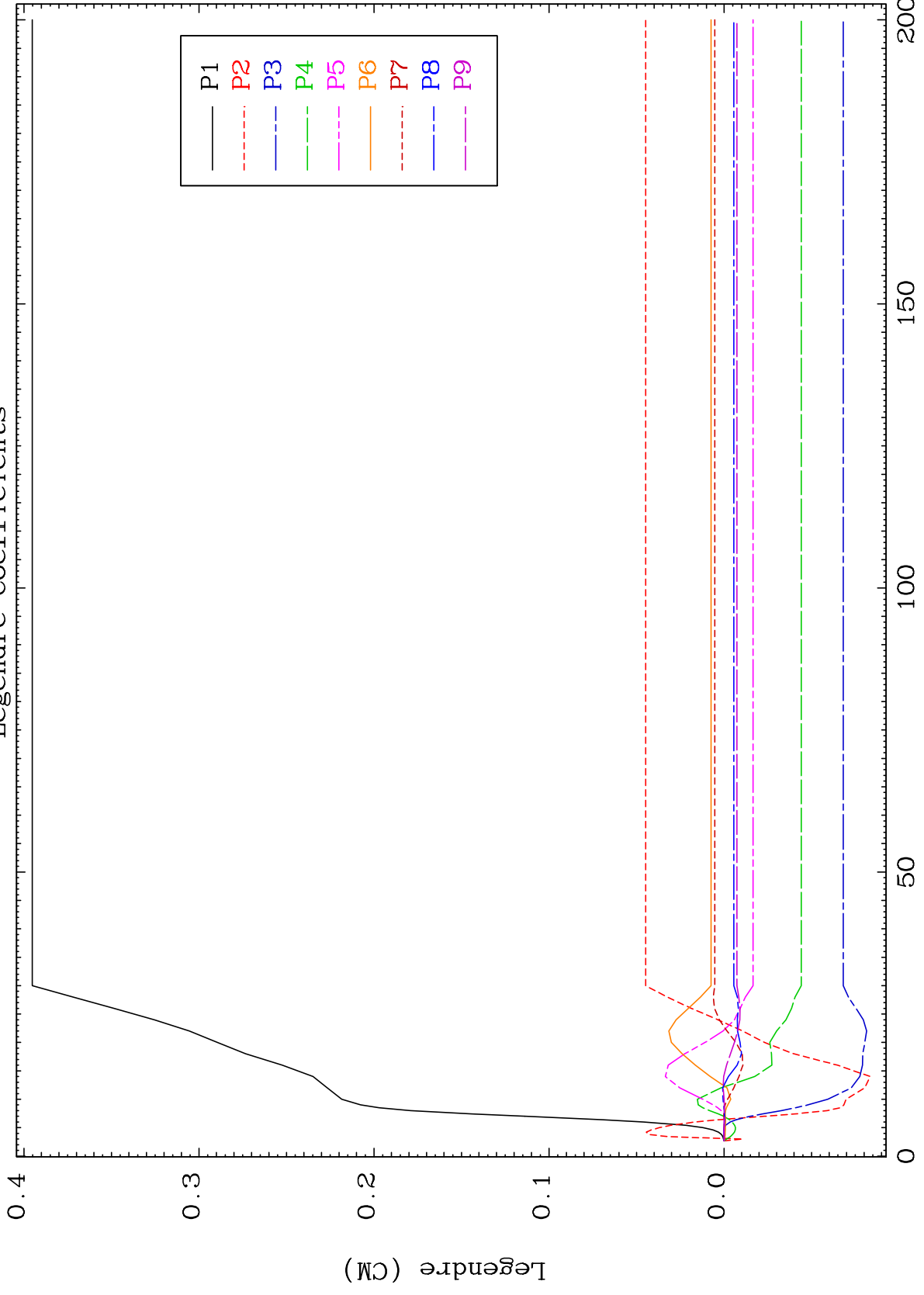


48-Cd-122

Incident Energy (MeV)

72

MAT 4873 MT= 66 (n,n') Level Legendre Coefficients 48-Cd-122

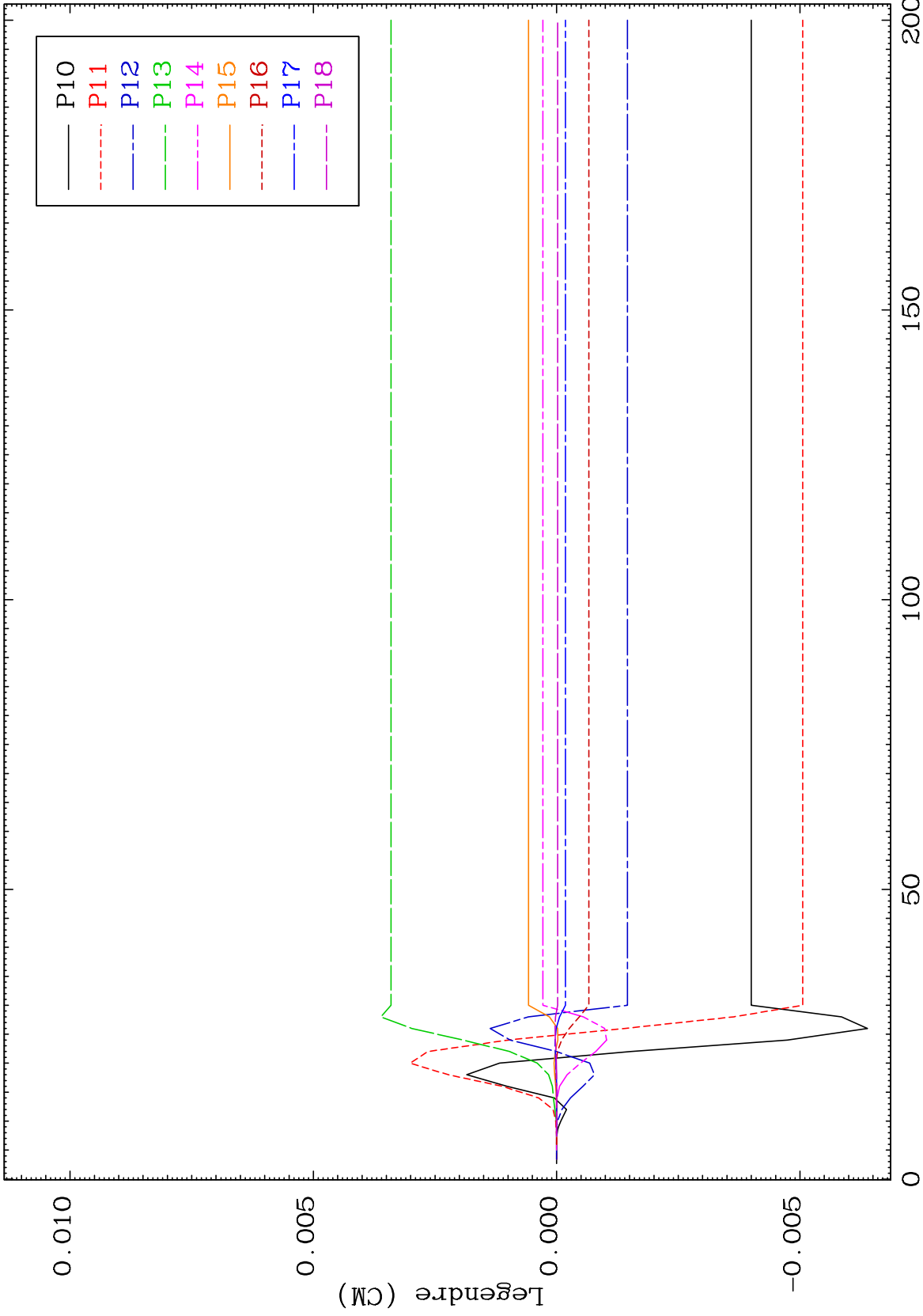


73 48-Cd-122

MAT 4873

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

48-Cd-122



74

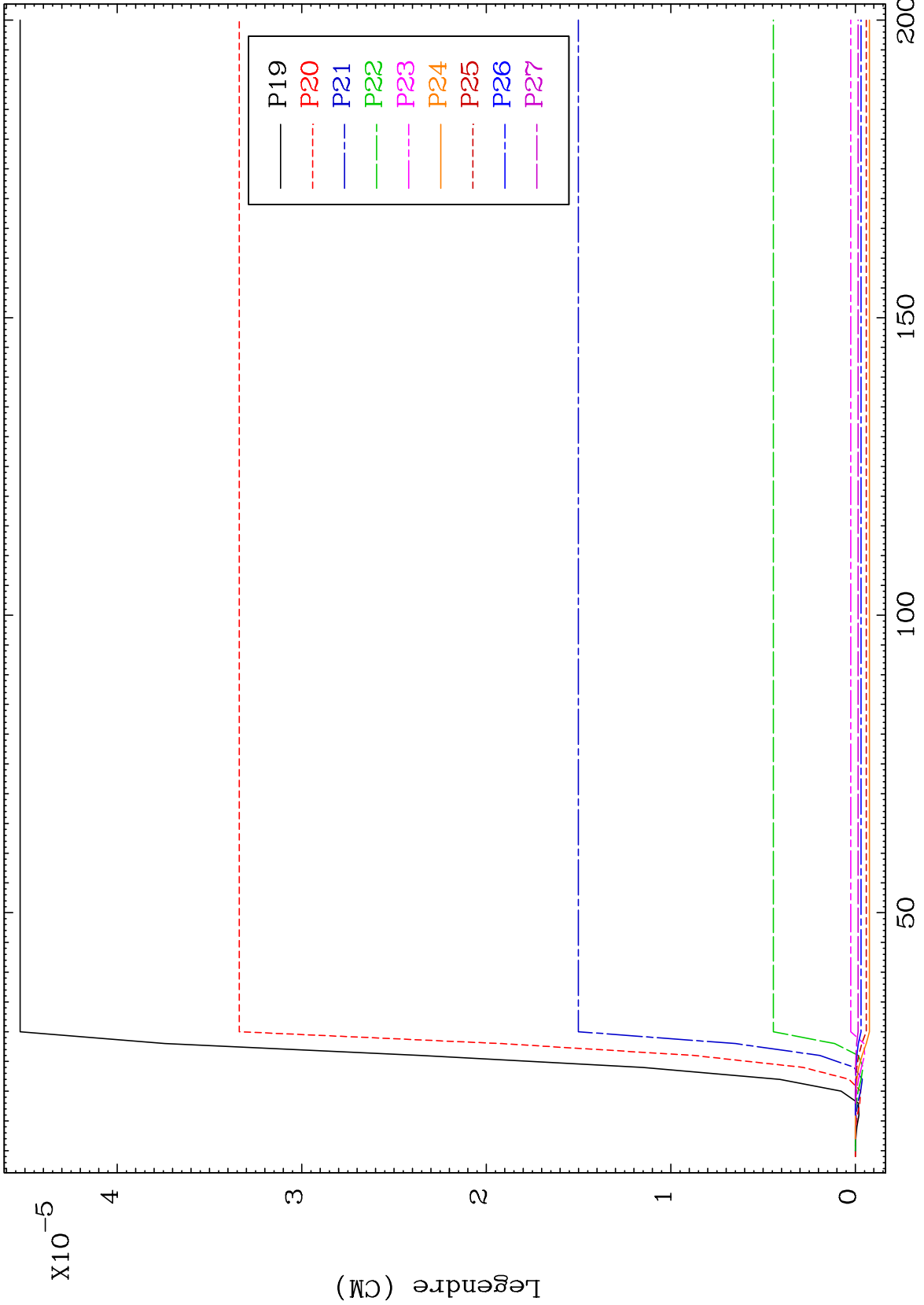
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



75

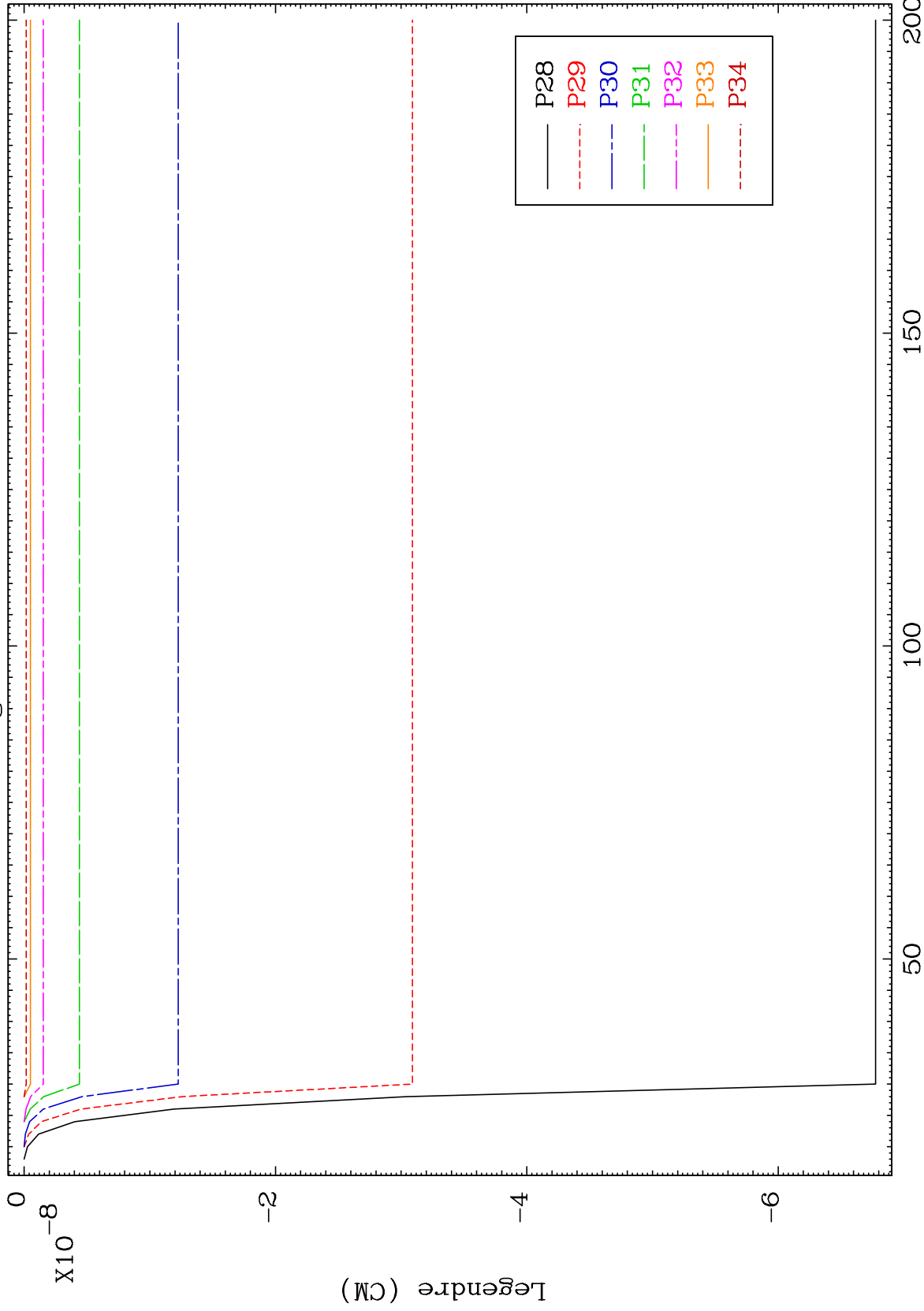
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



76

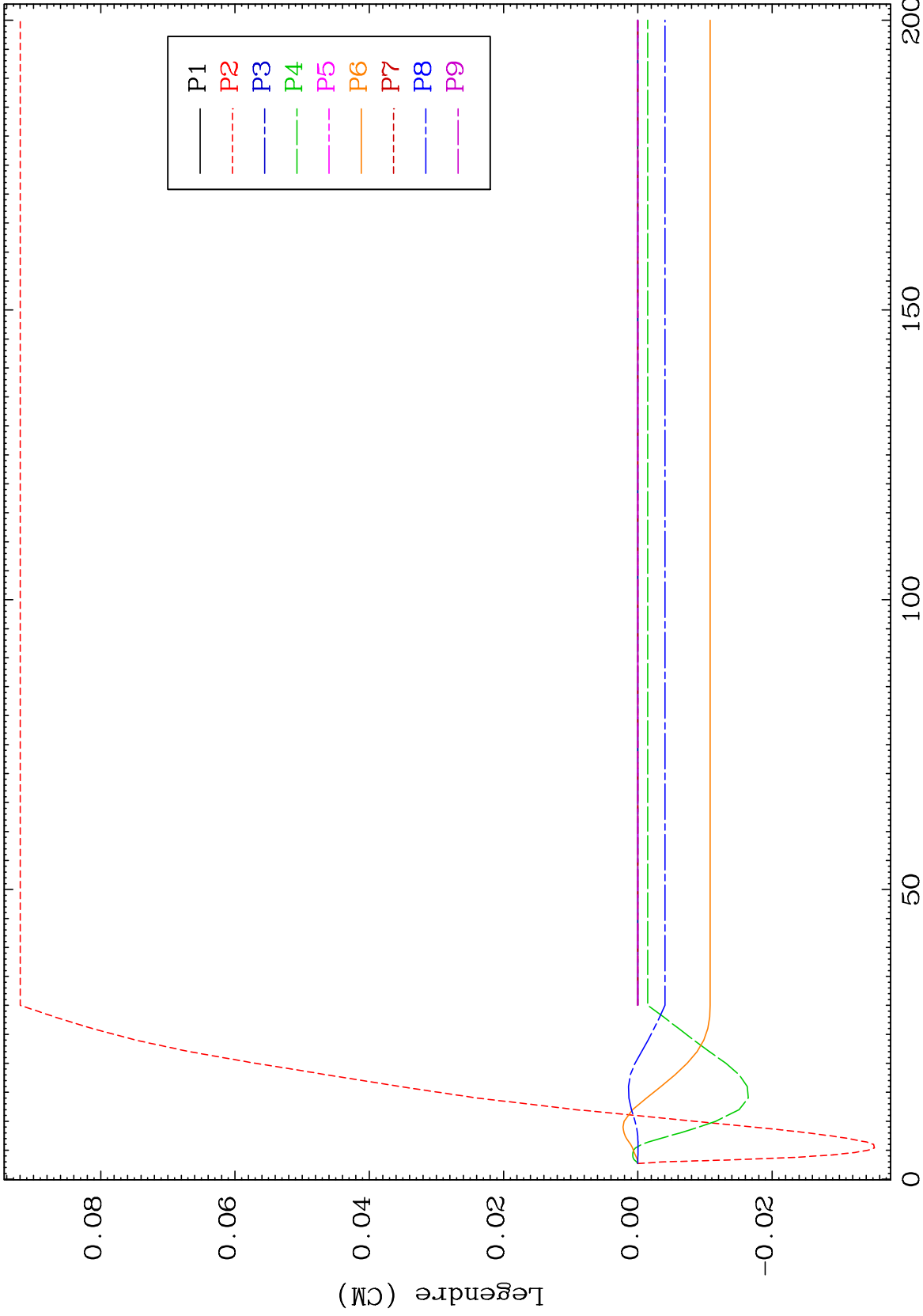
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



77

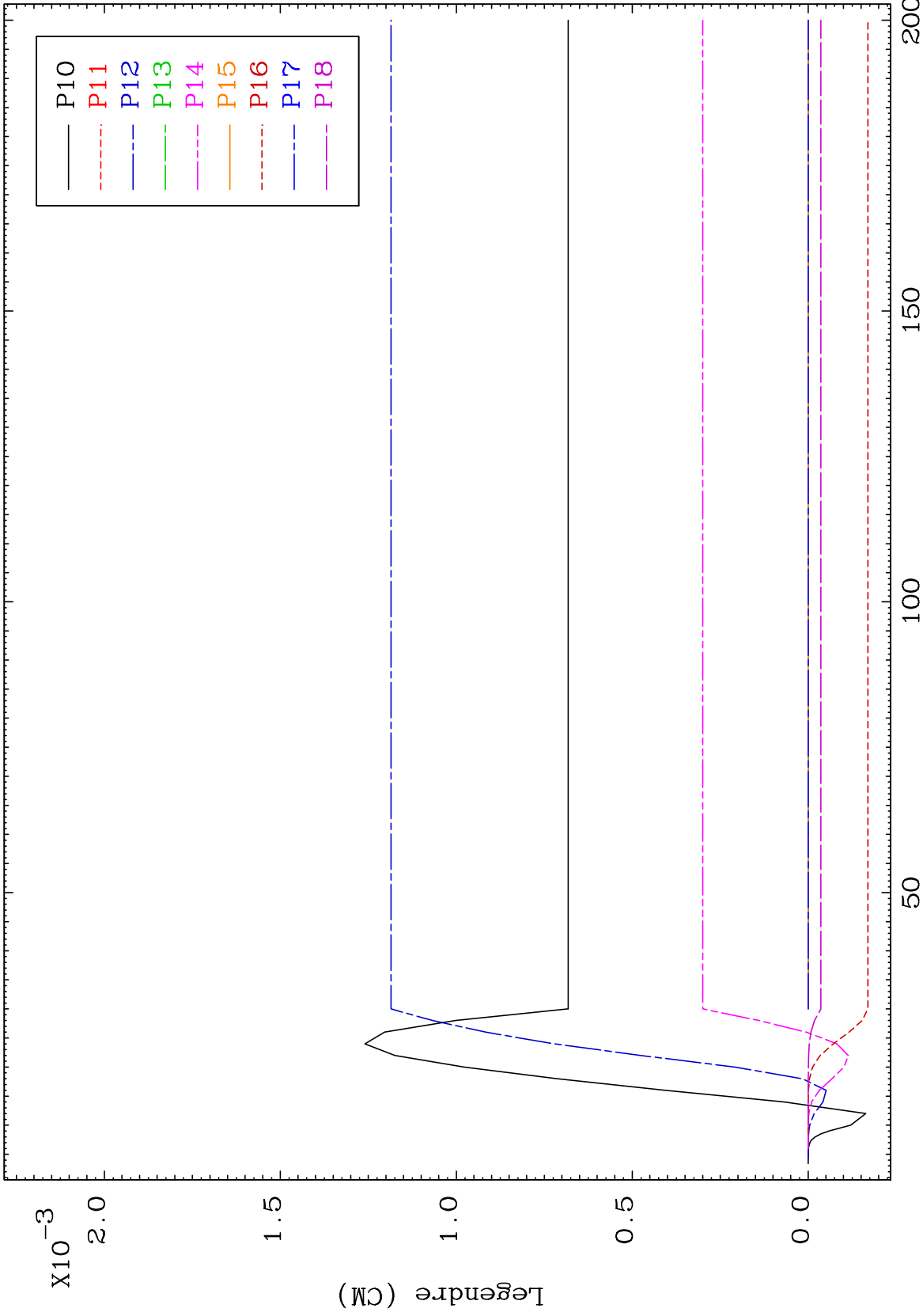
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



78

Incident Energy (MeV)

48-Cd-122

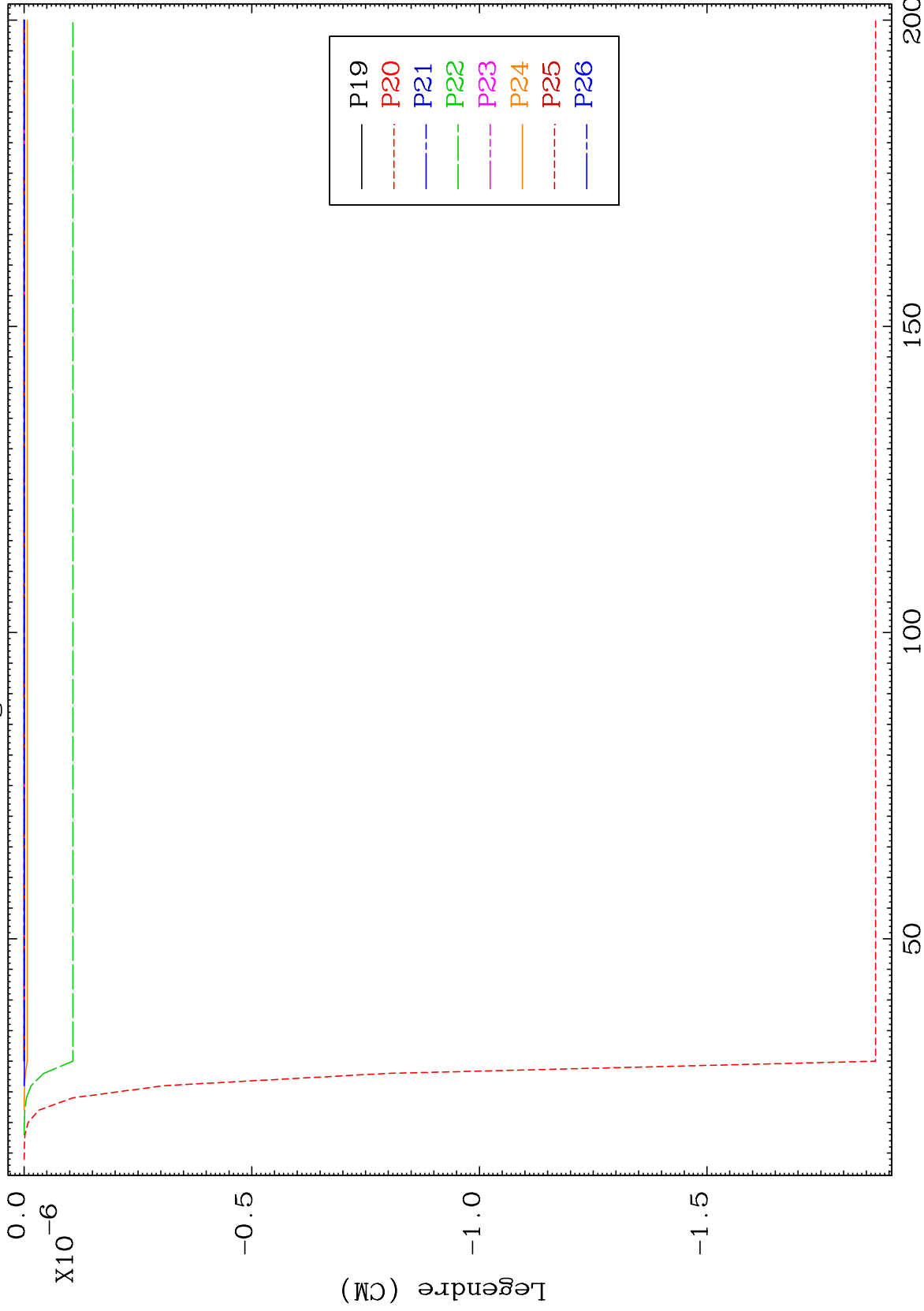
MAT 4873

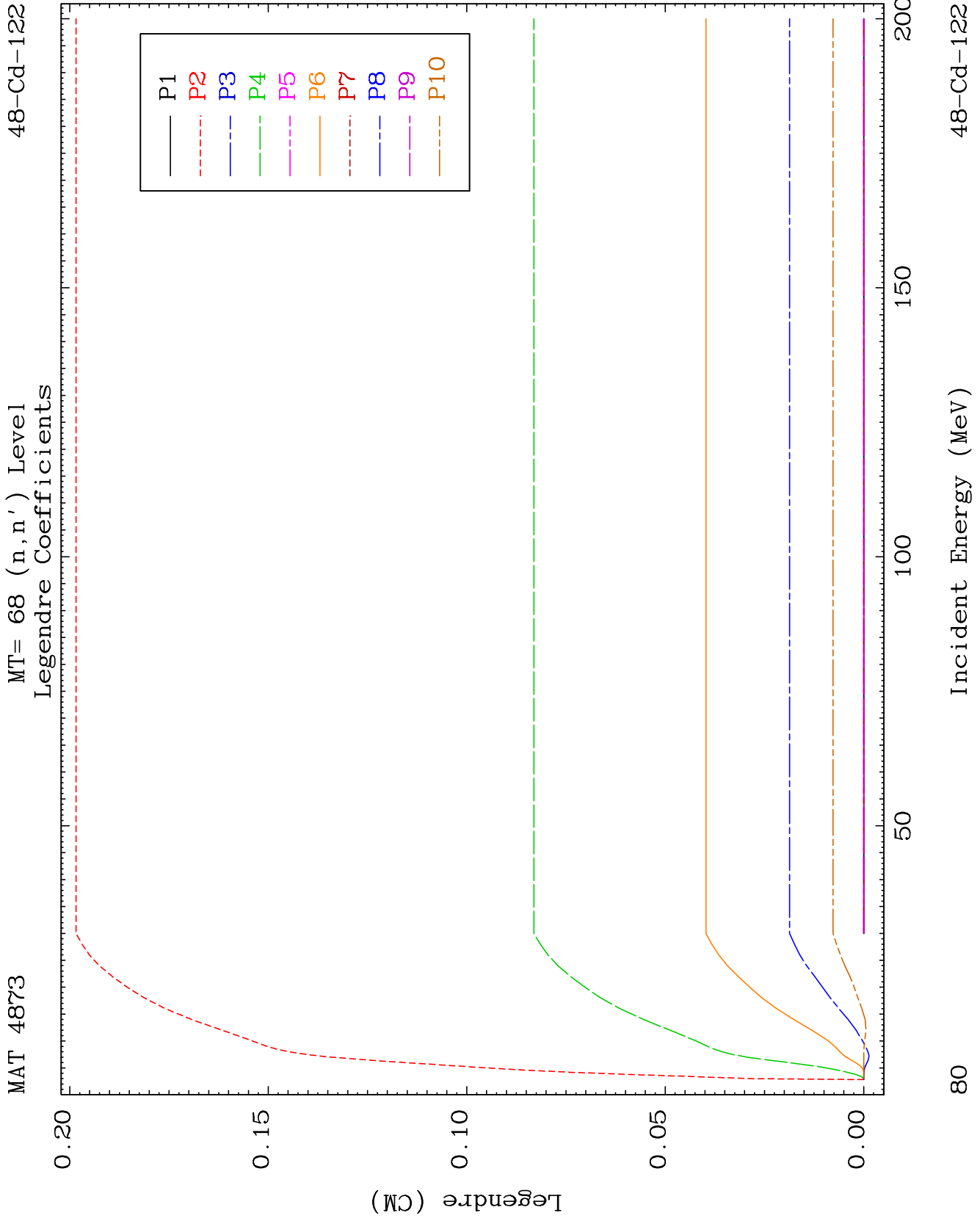
MT= 67 (n,n') Level
Legendre Coefficients

48-Cd-122

Incident Energy (MeV)

79

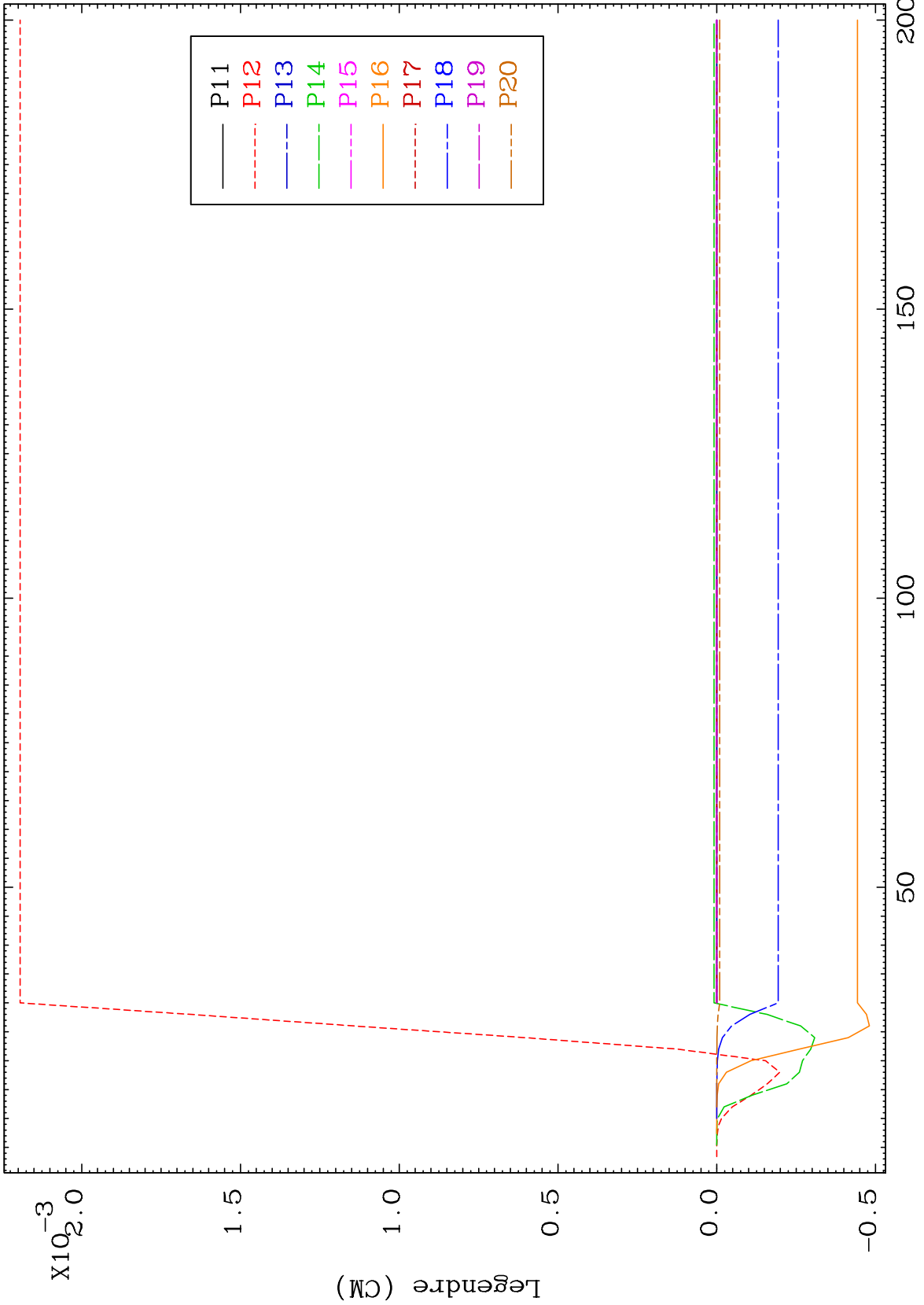




MAT 4873

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

48-Cd-122

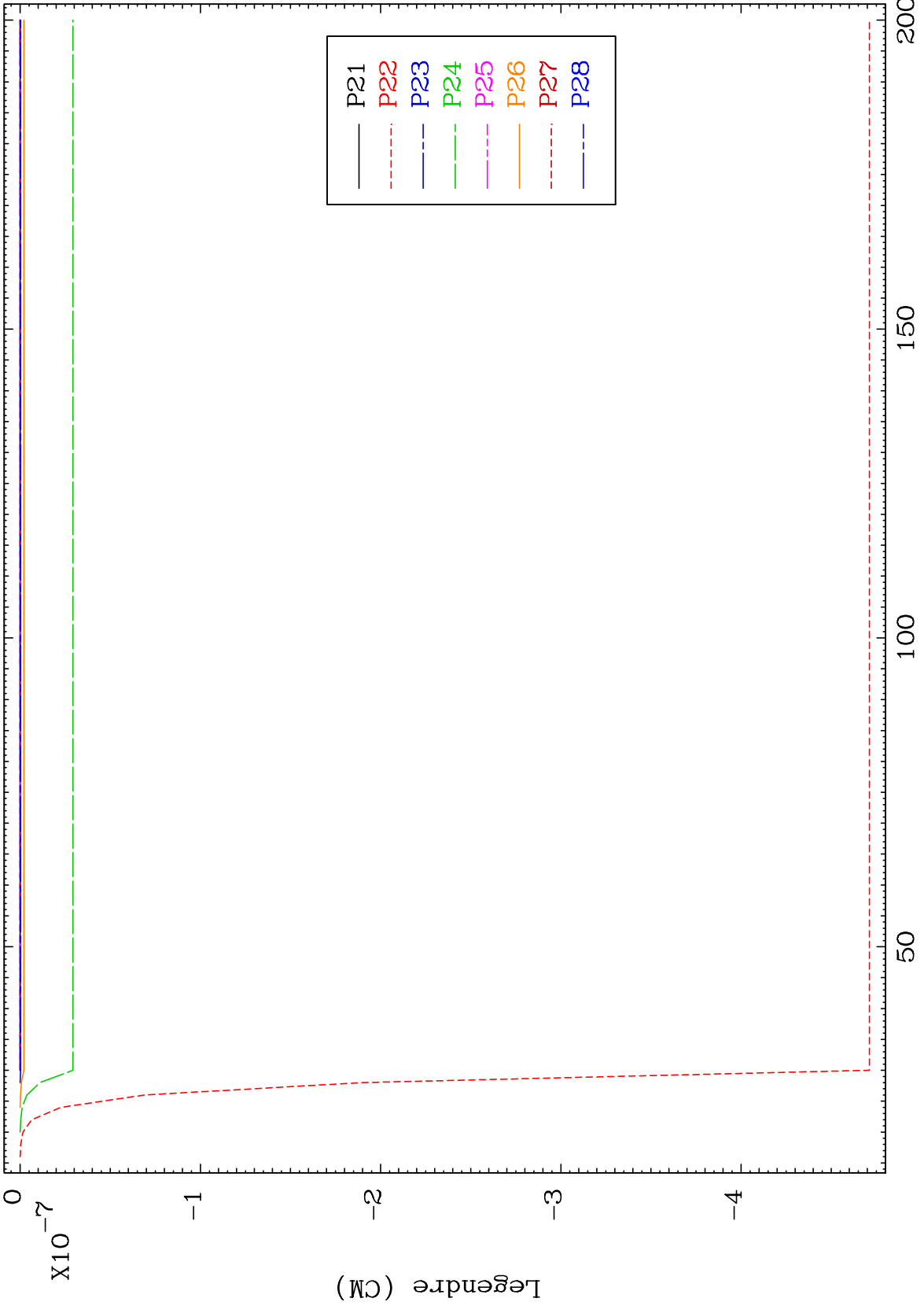


81

Incident Energy (MeV)

48-Cd-122

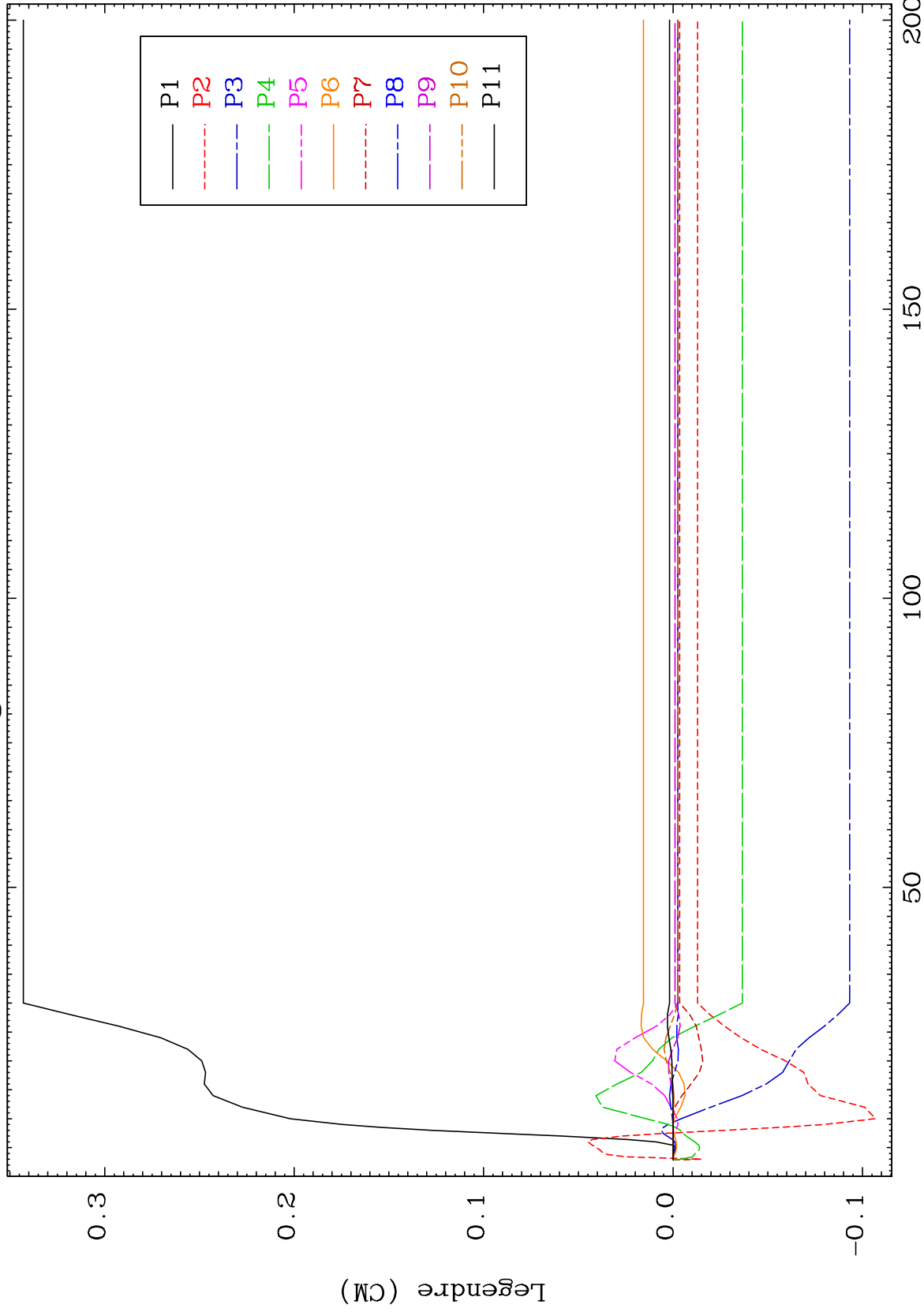
MAT 4873 MT= 68 (n,n') Level Legendre Coefficients 48-Cd-122



MAT 4873

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

48-Cd-122



83

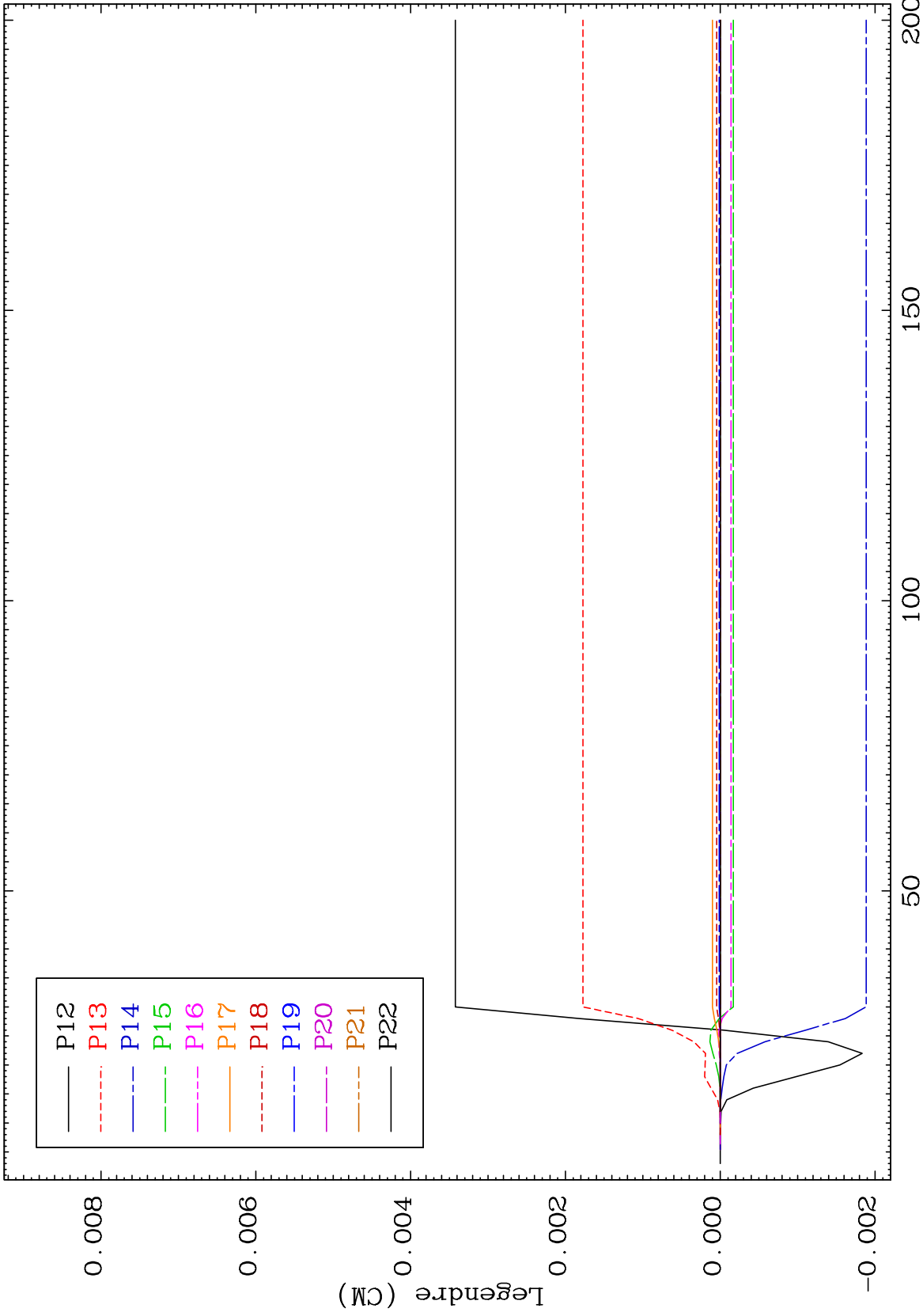
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122

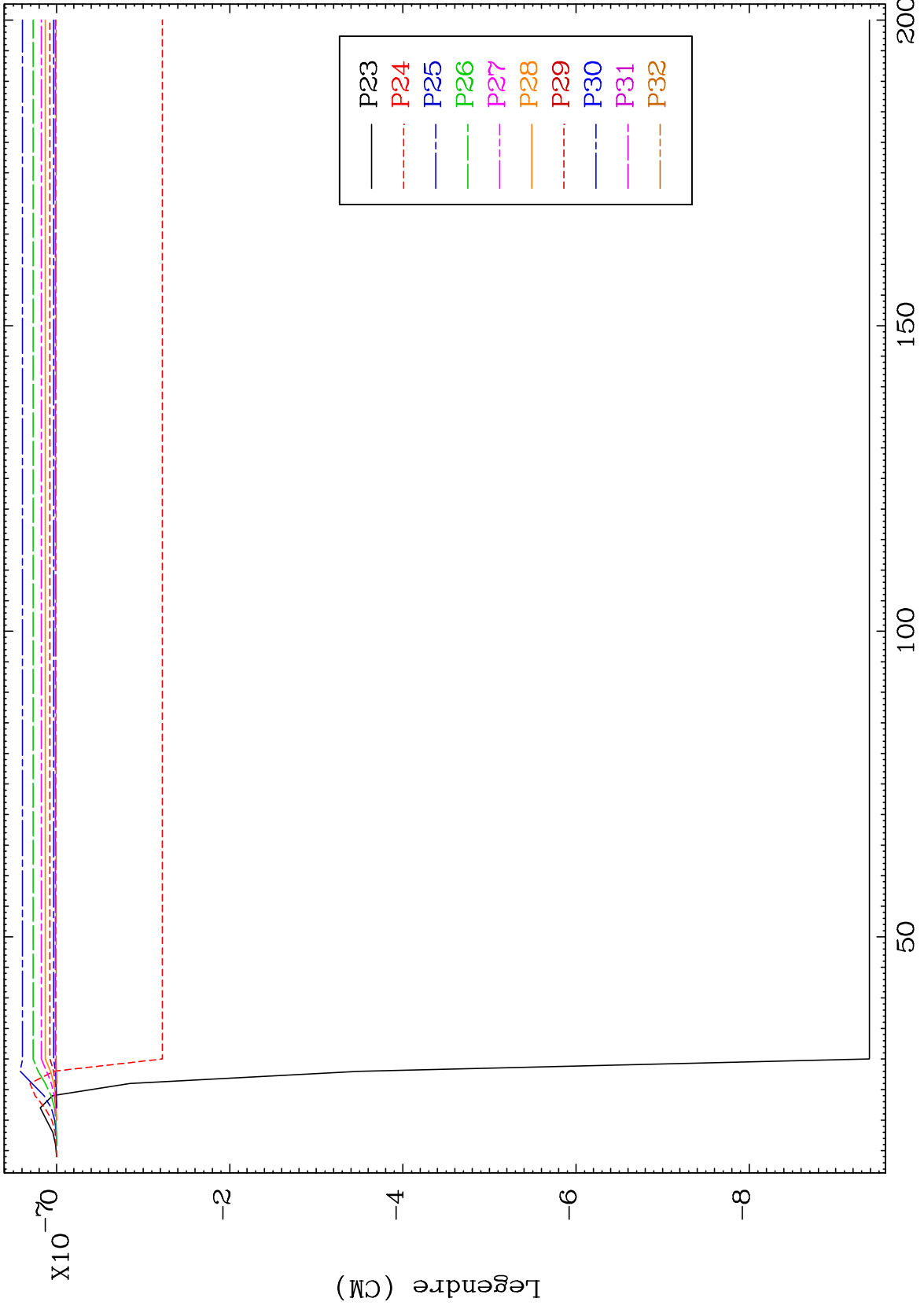


84

Incident Energy (MeV)

48-Cd-122

MAT 4873 MT= 69 (n,n') Level Legendre Coefficients 48-Cd-122

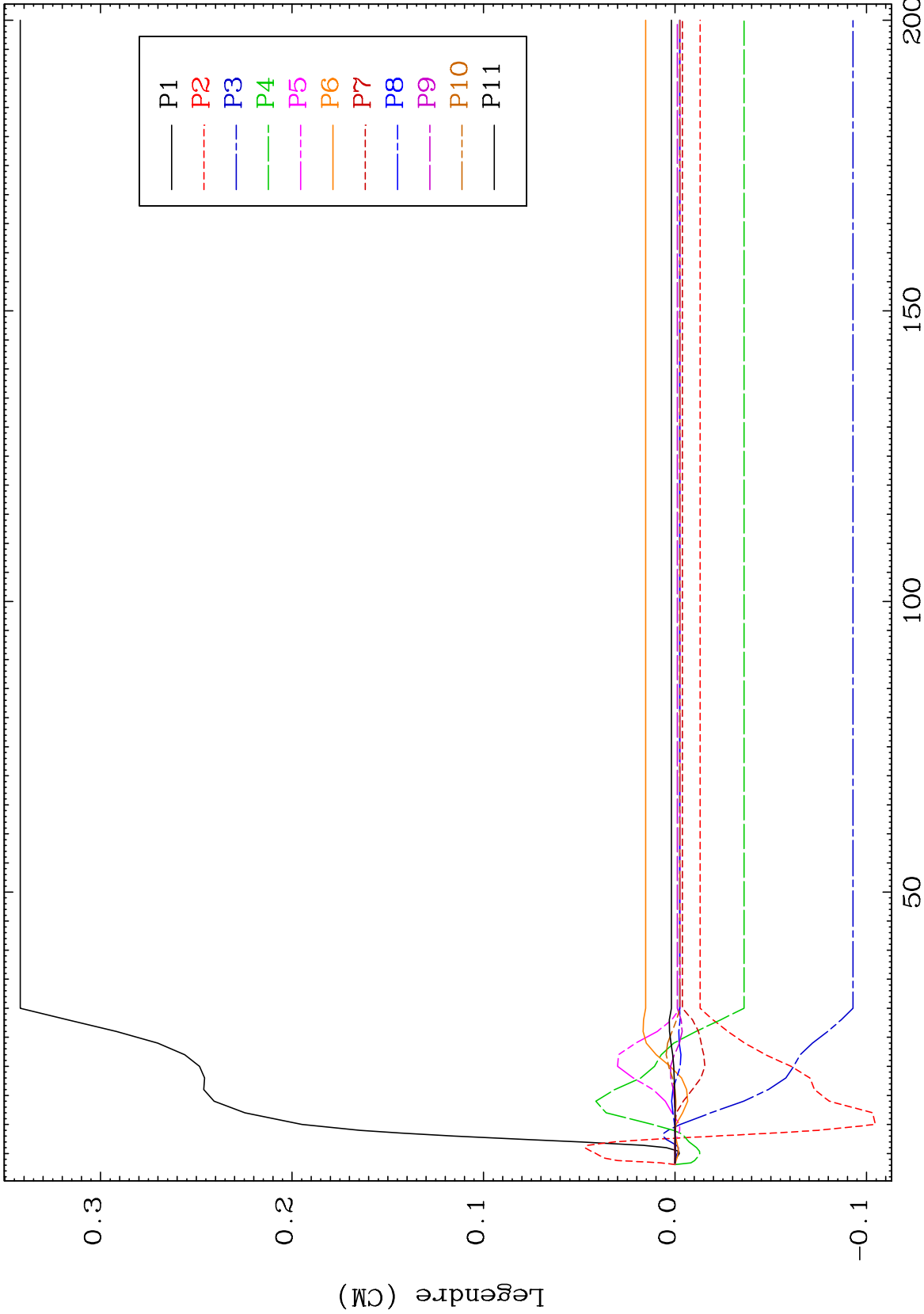


85 48-Cd-122

MAT 4873

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

48-Cd-122



86

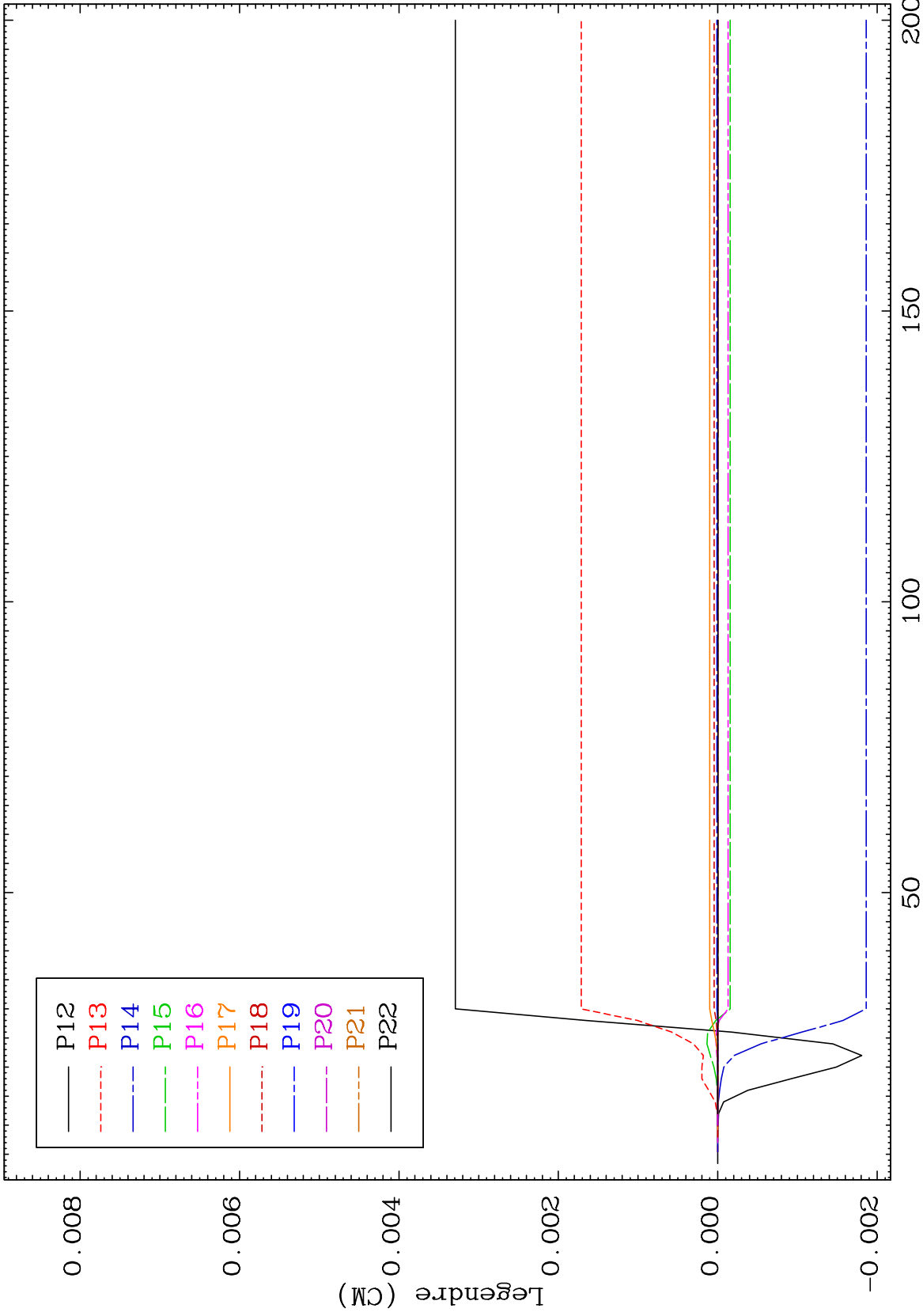
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



87

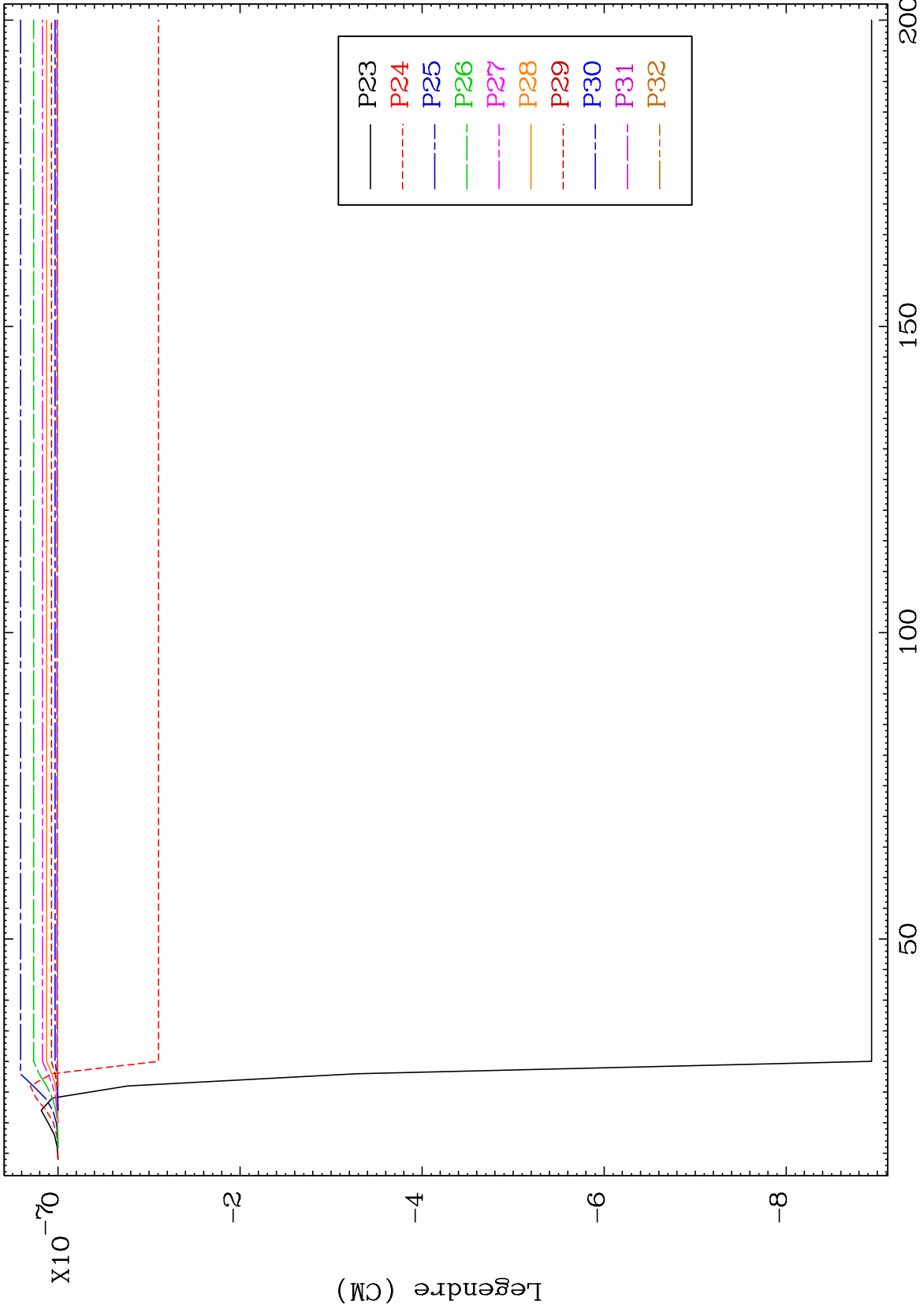
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



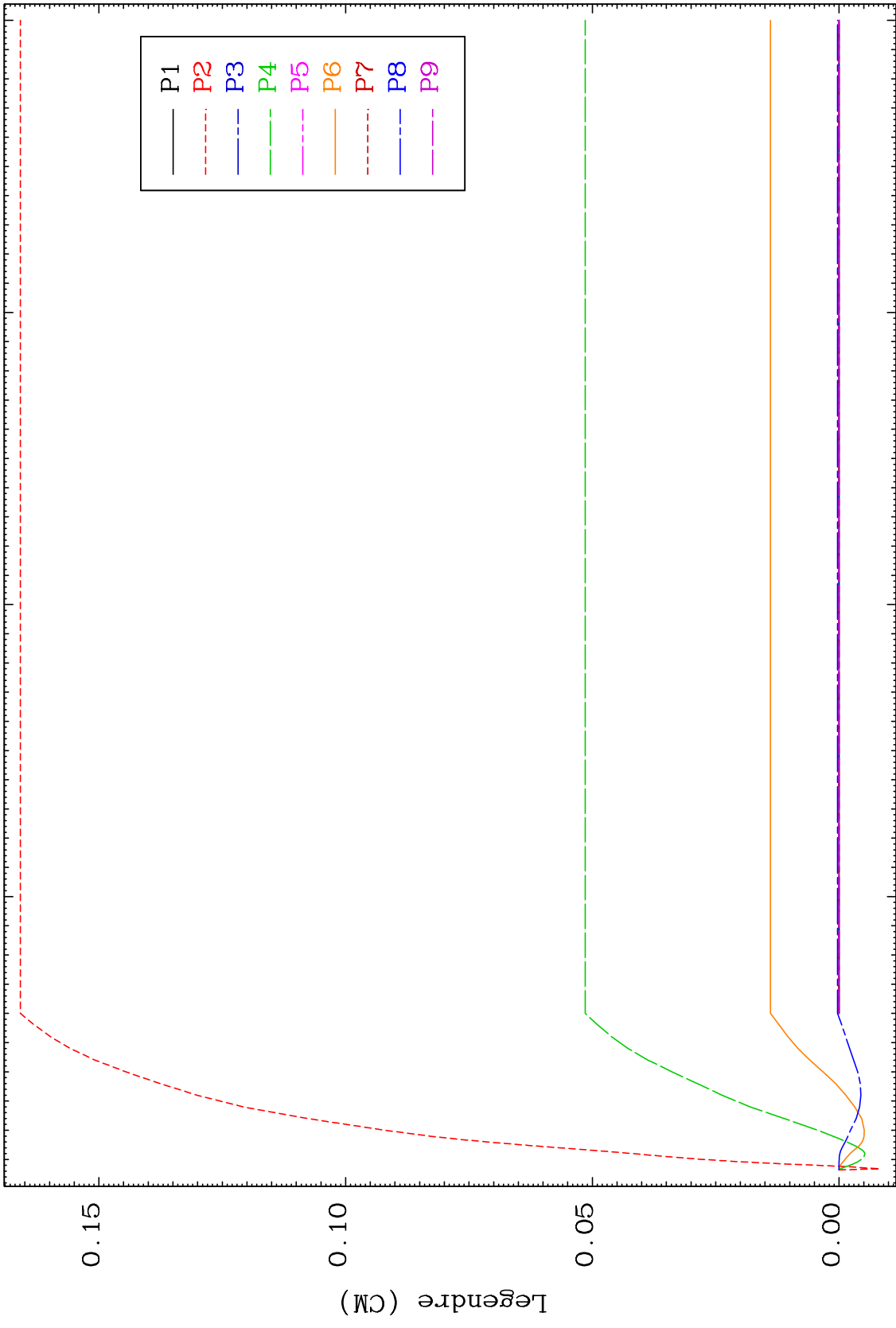
88

48-Cd-122

MAT 4873

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

48-Cd-122



89

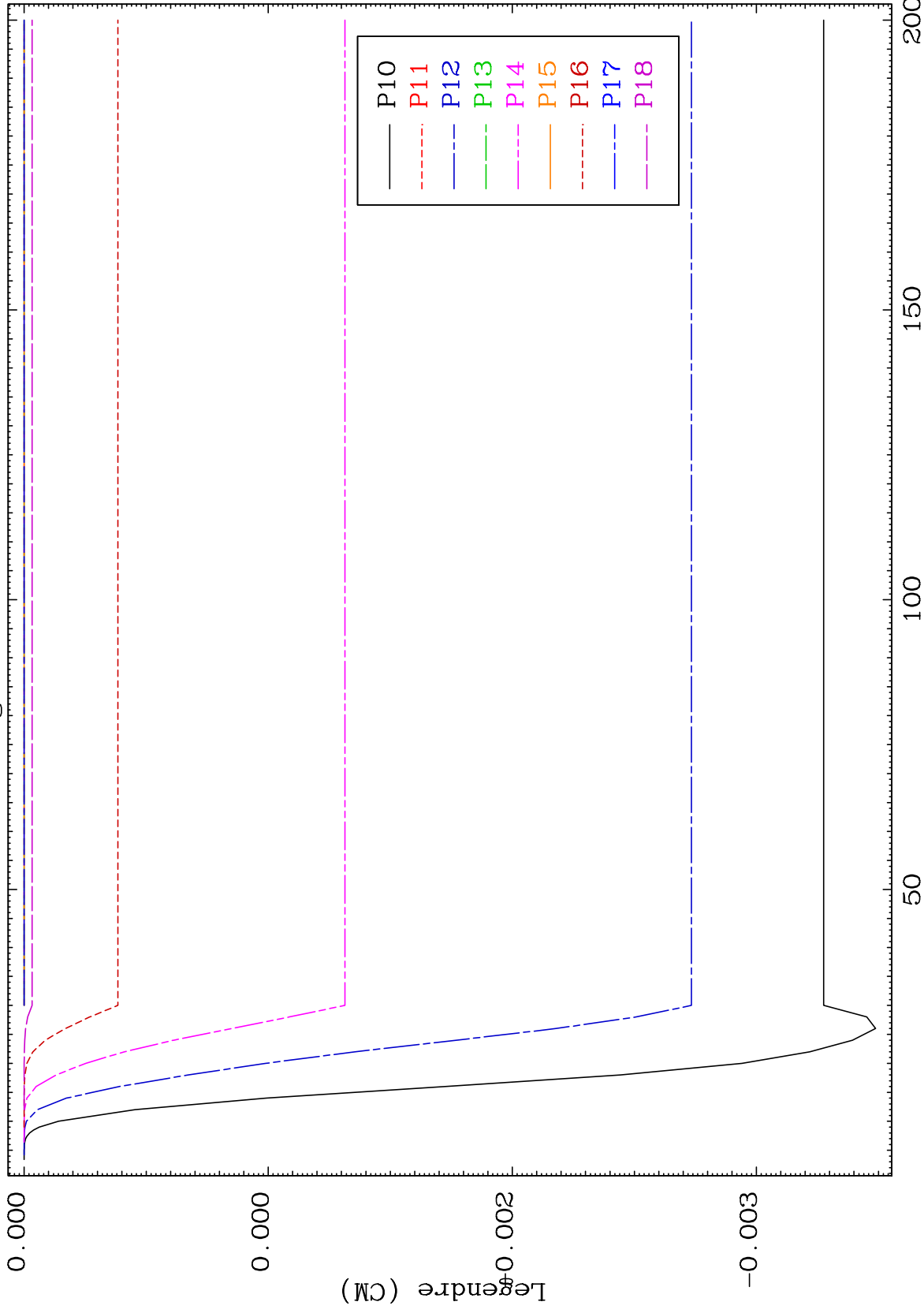
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

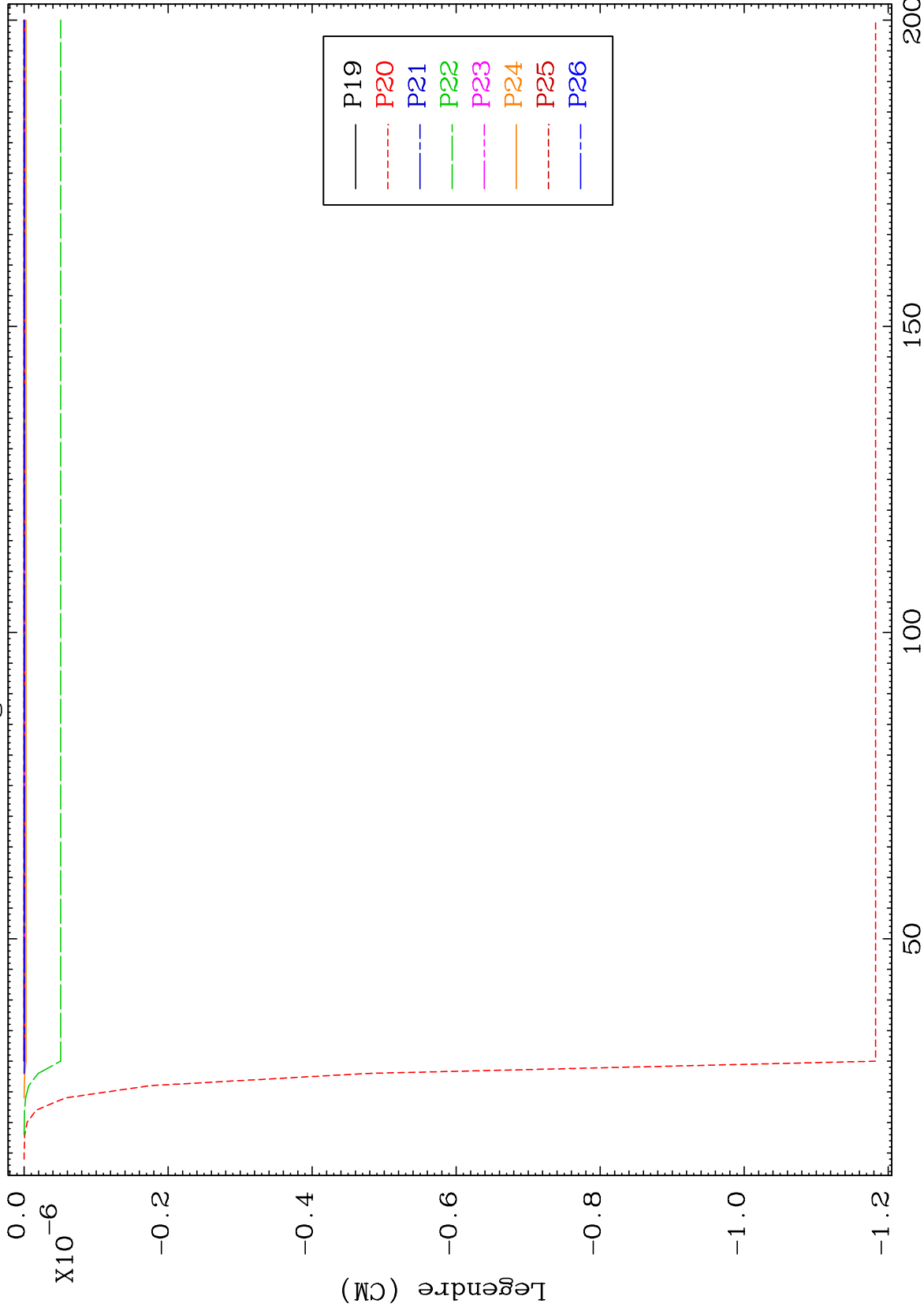
Incident Energy (MeV)

90

MAT 4873

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

48-Cd-122



91

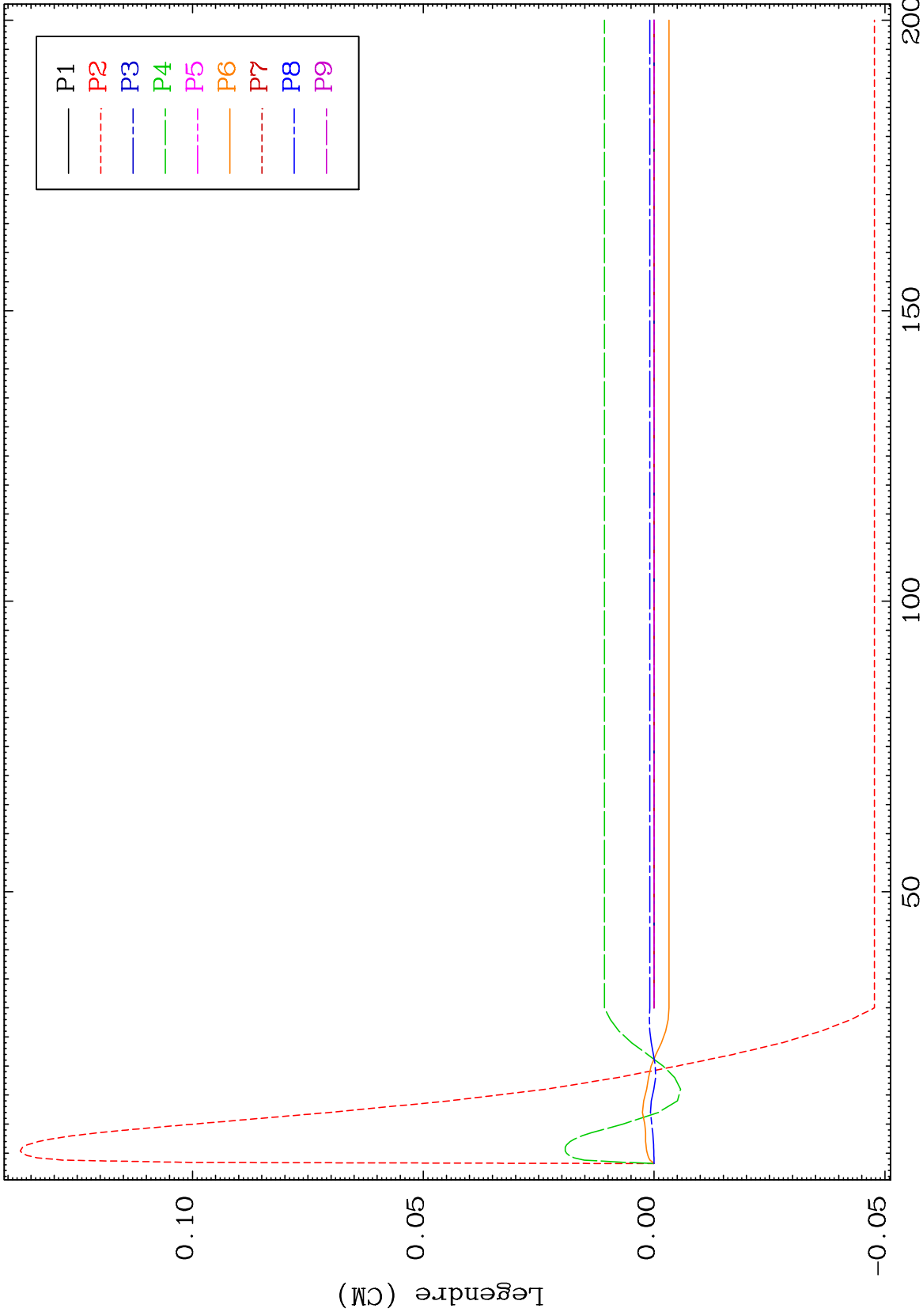
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



92

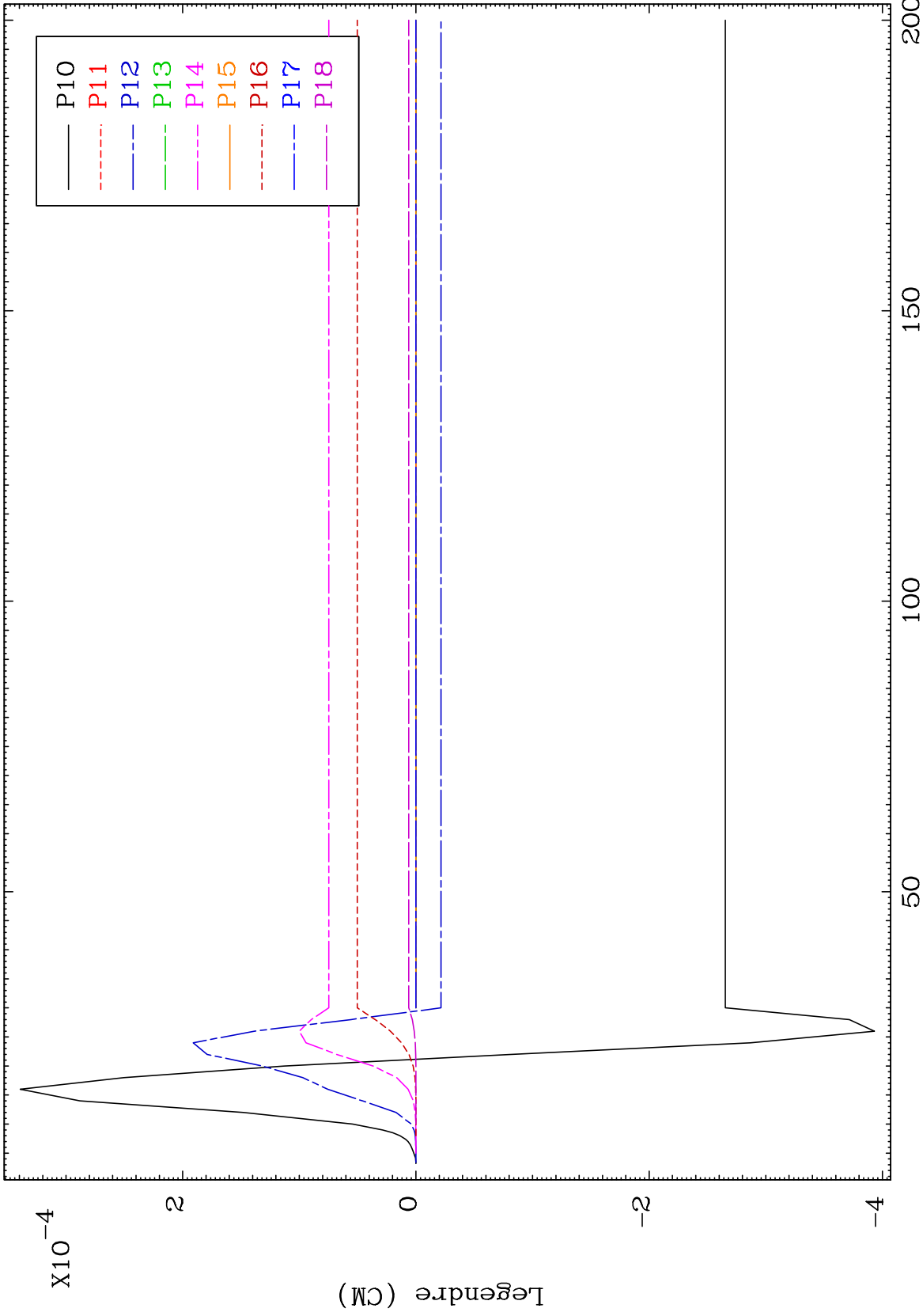
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



93

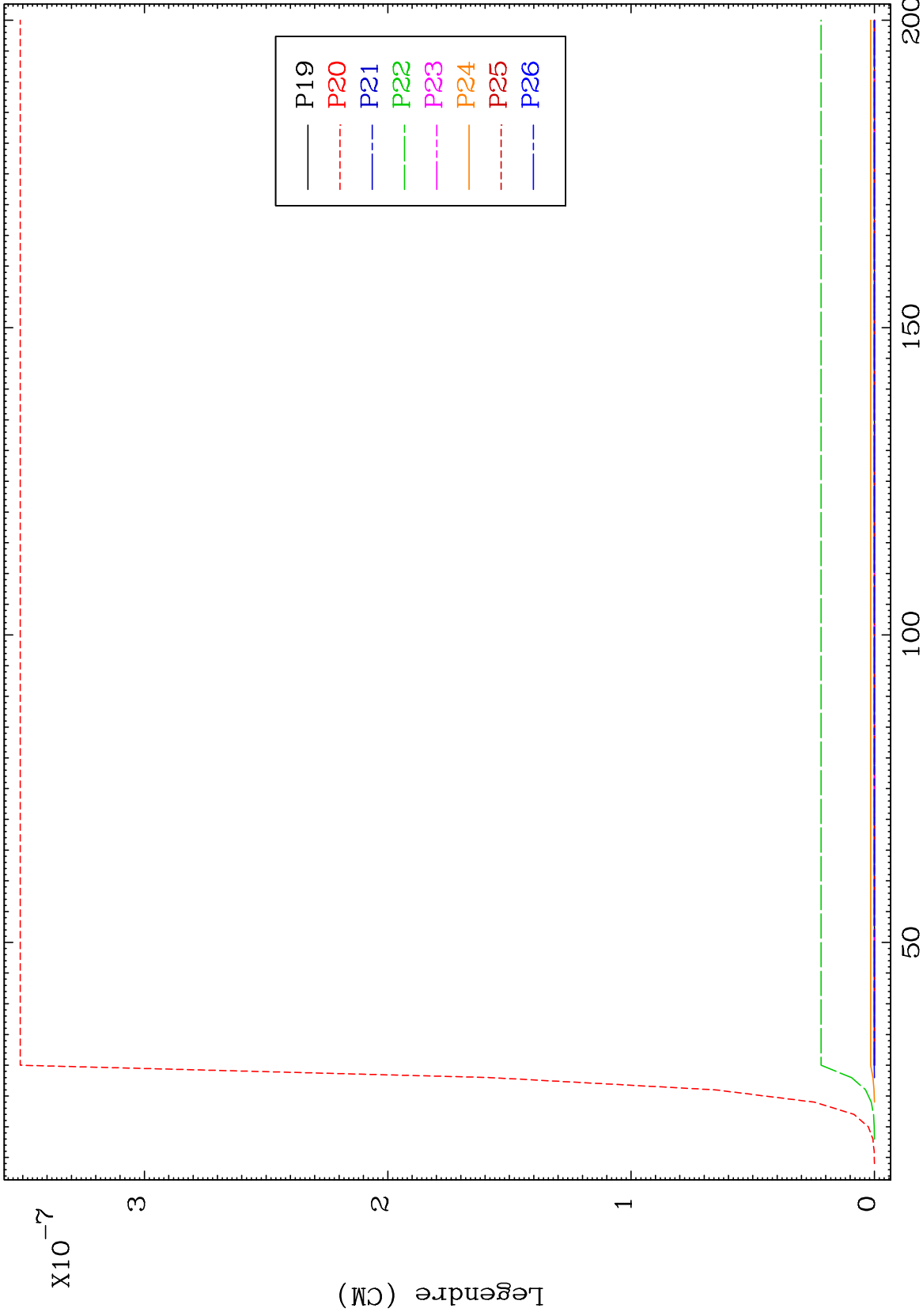
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



94

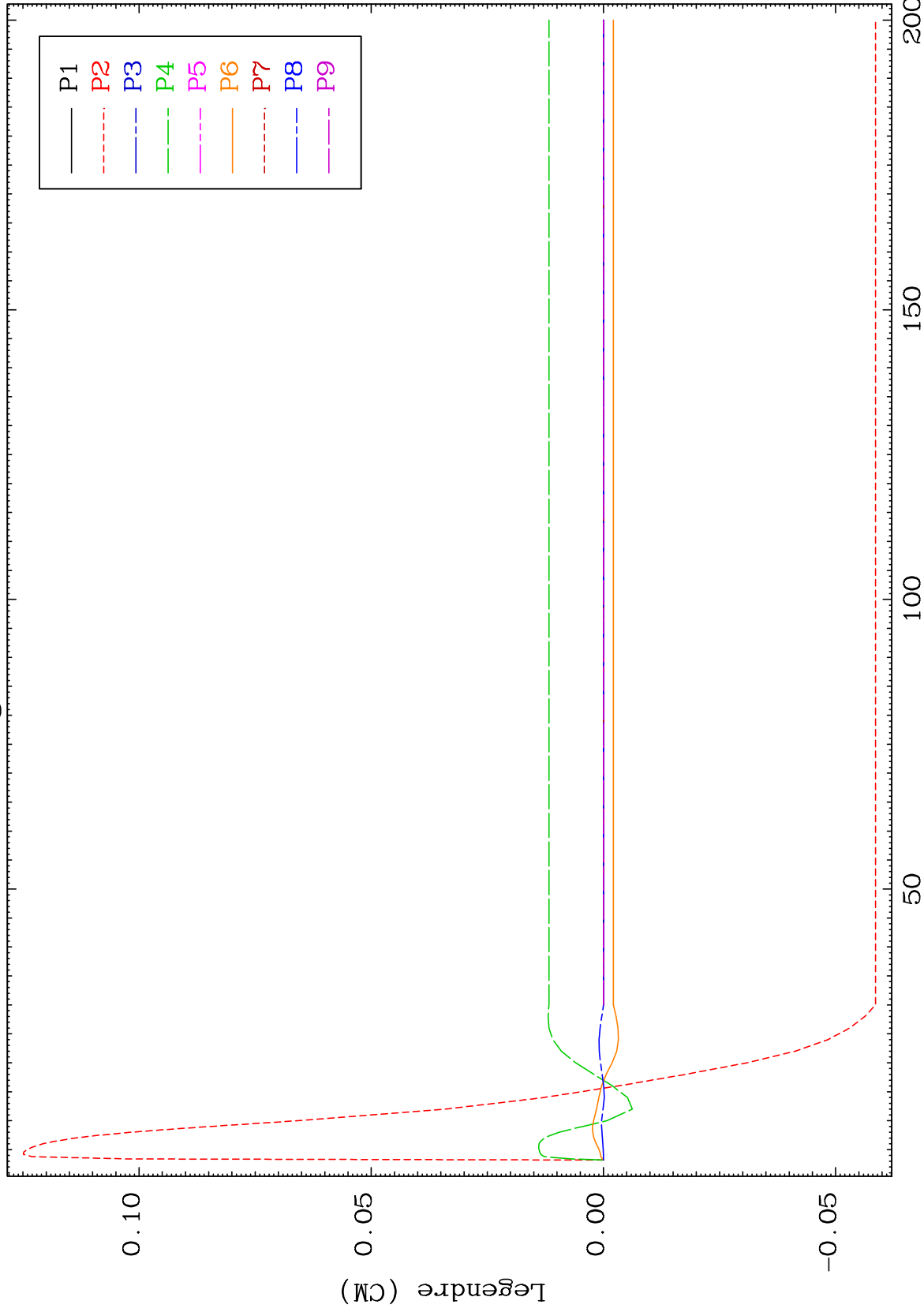
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



95

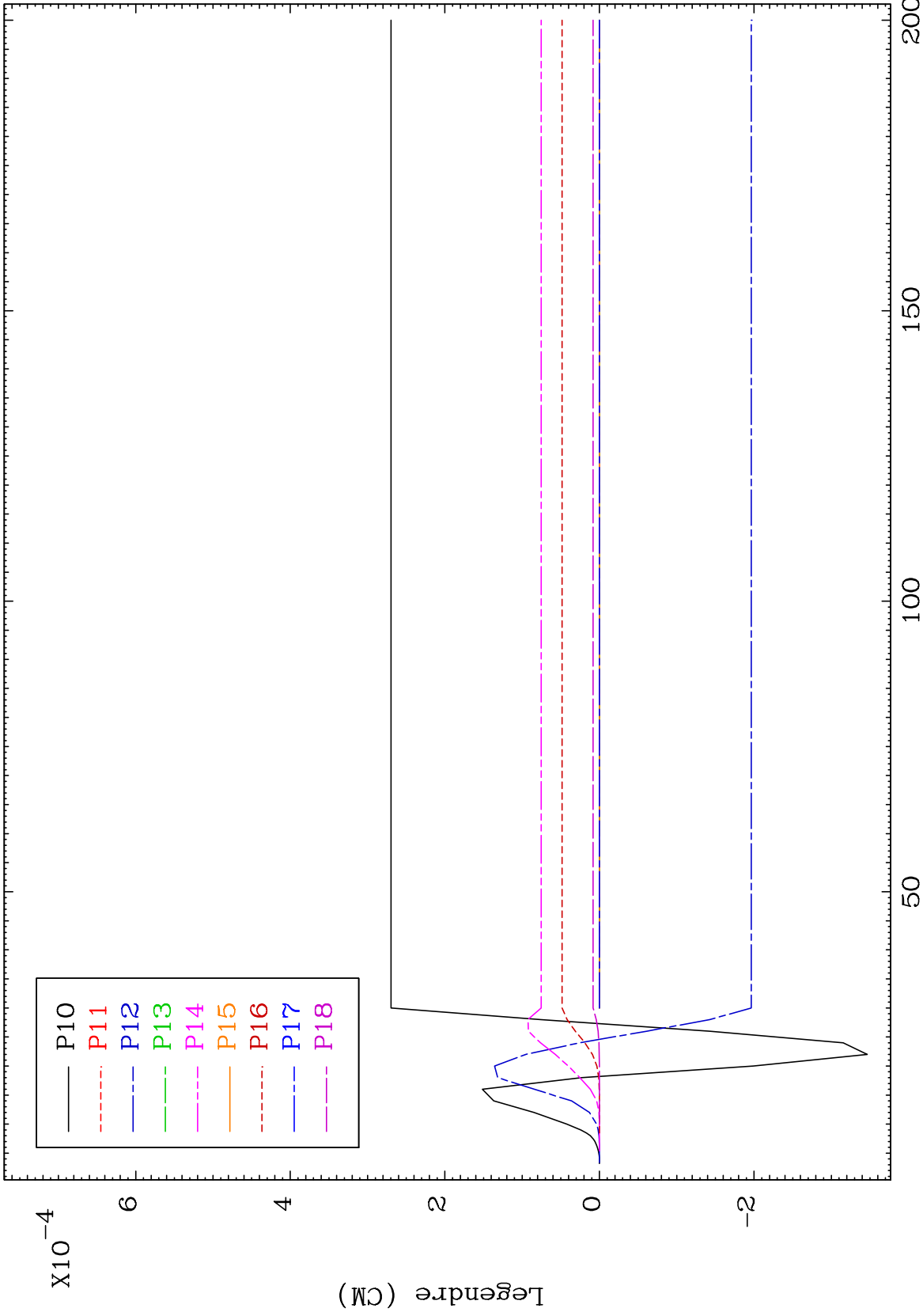
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



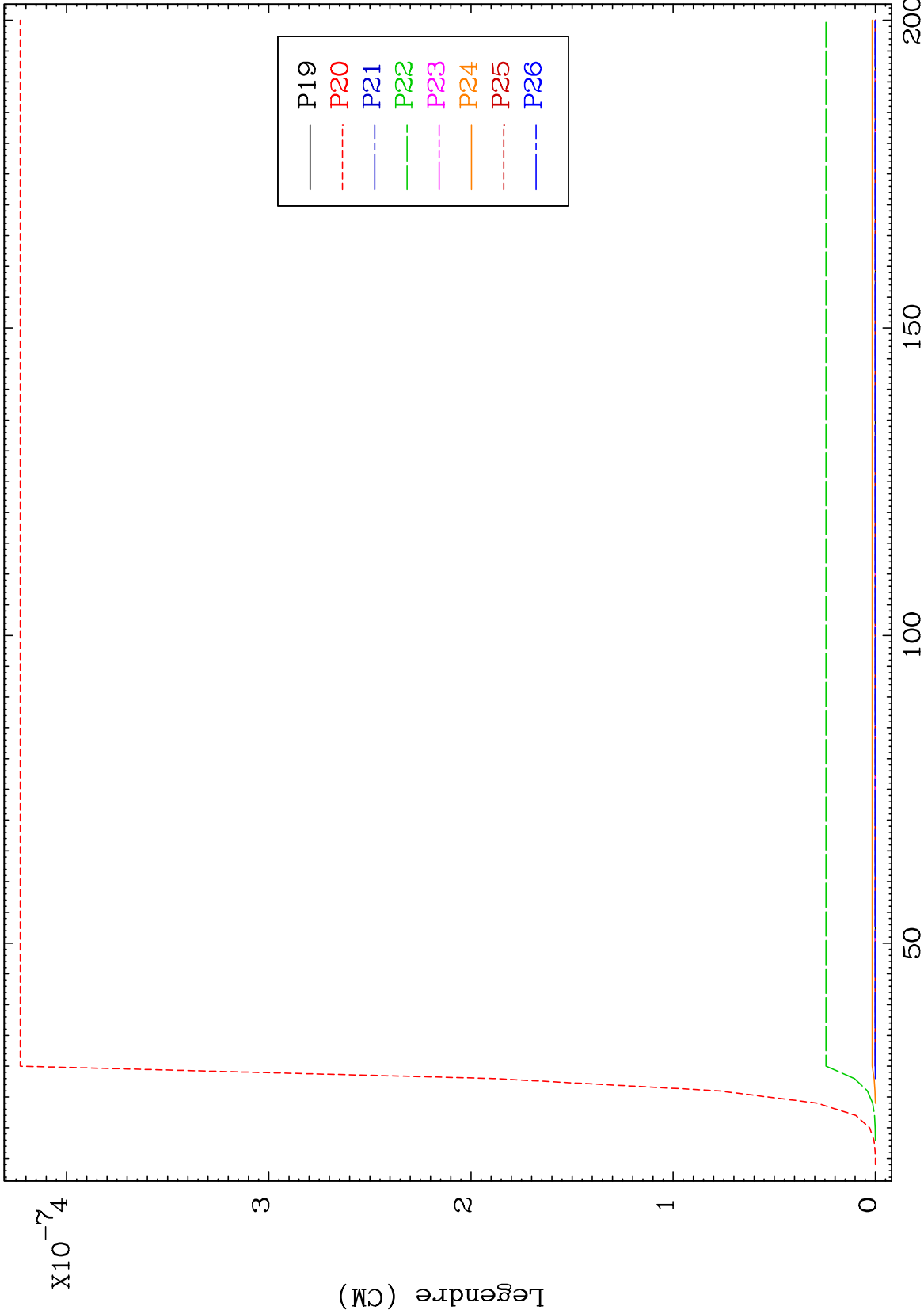
96

48-Cd-122

MAT 4873

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

48-Cd-122



97

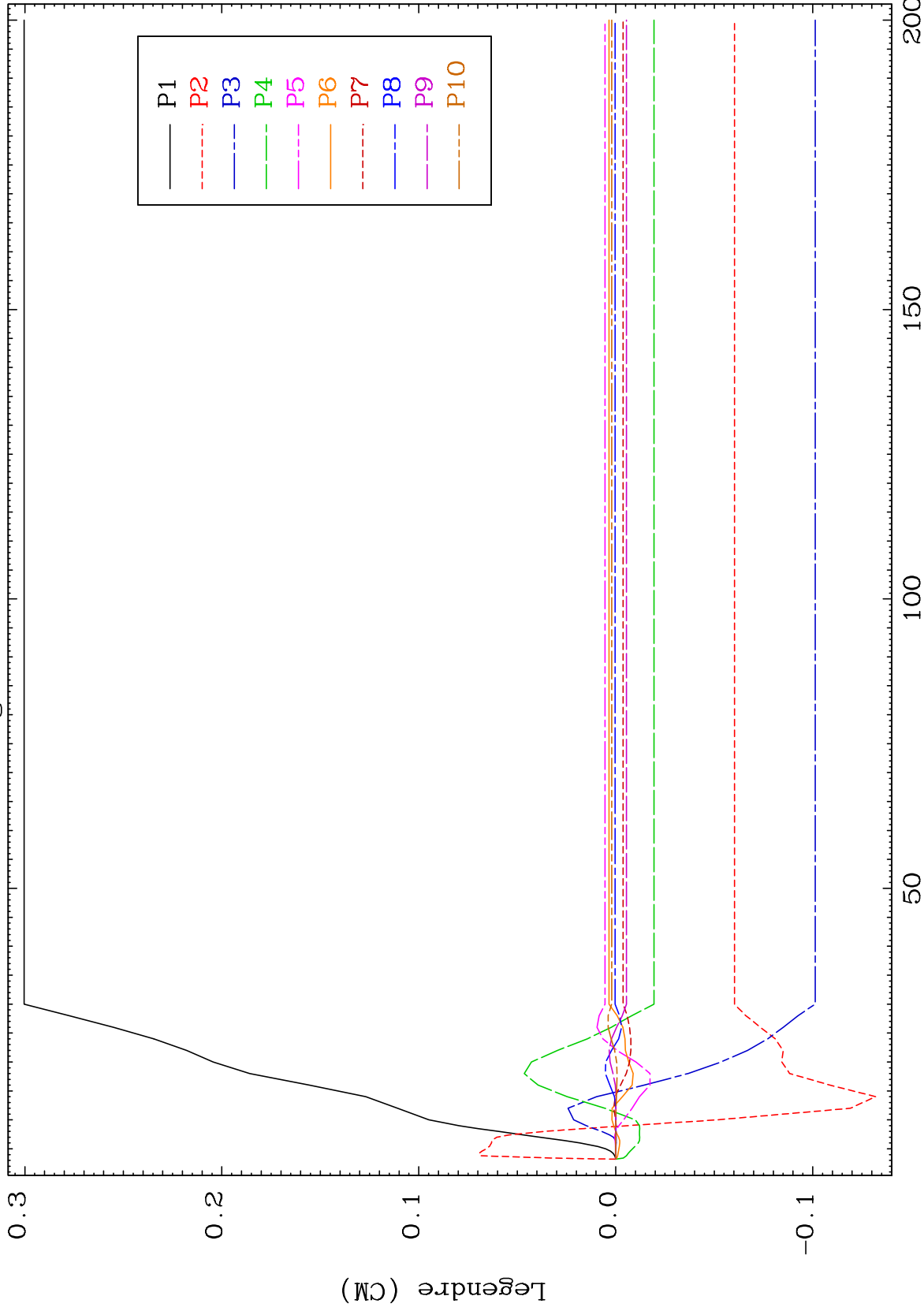
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



98

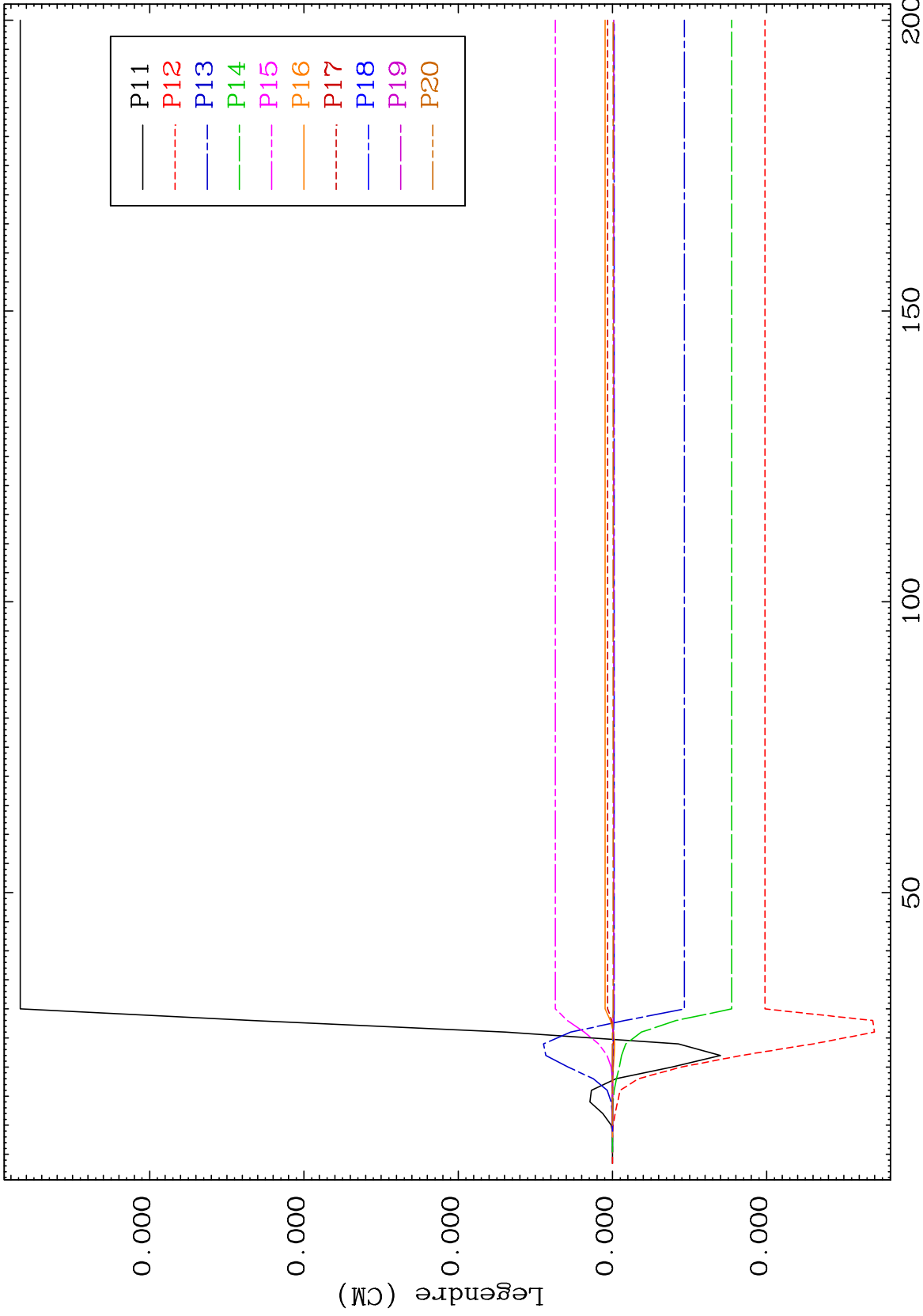
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



99

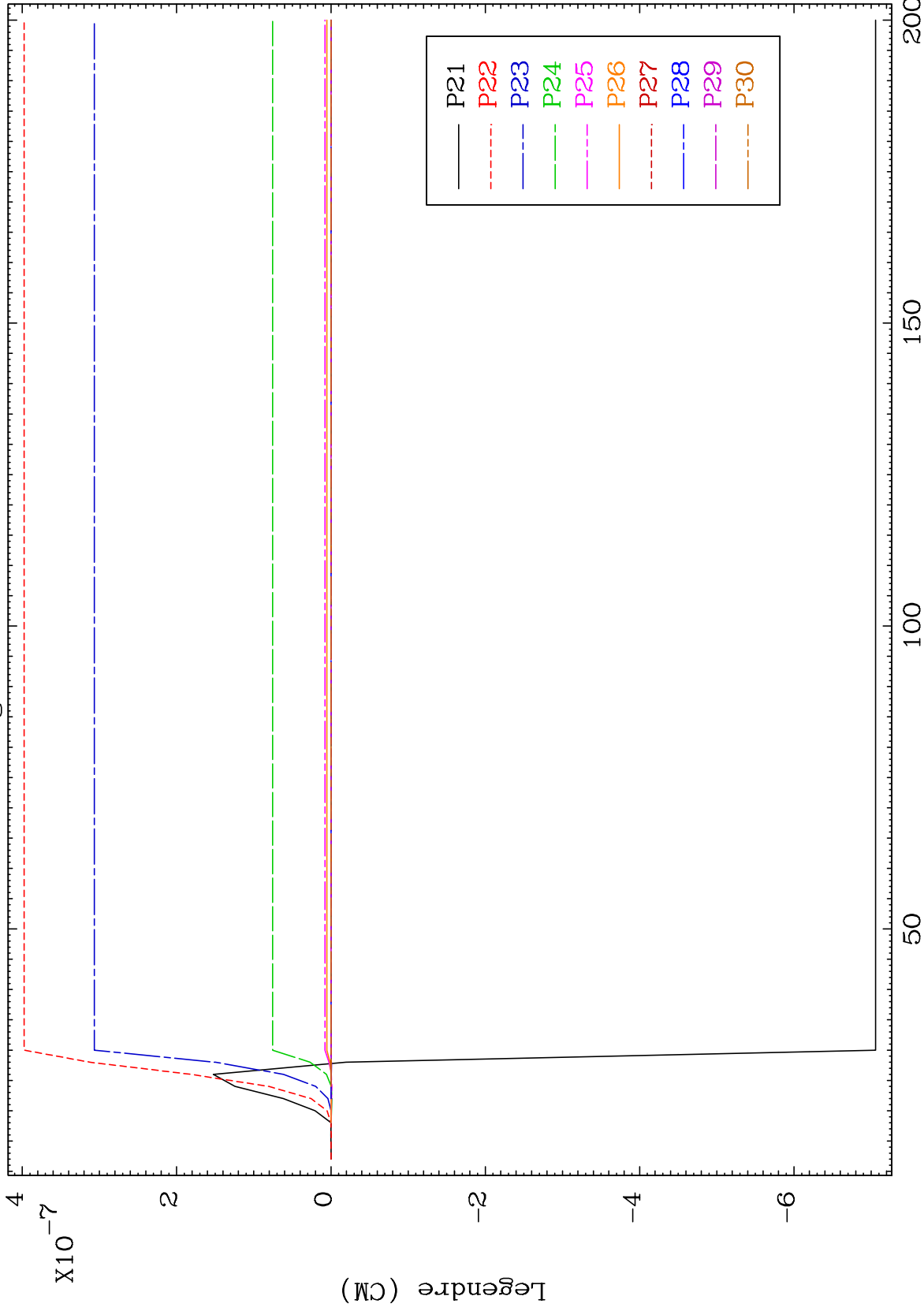
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



48-Cd-122

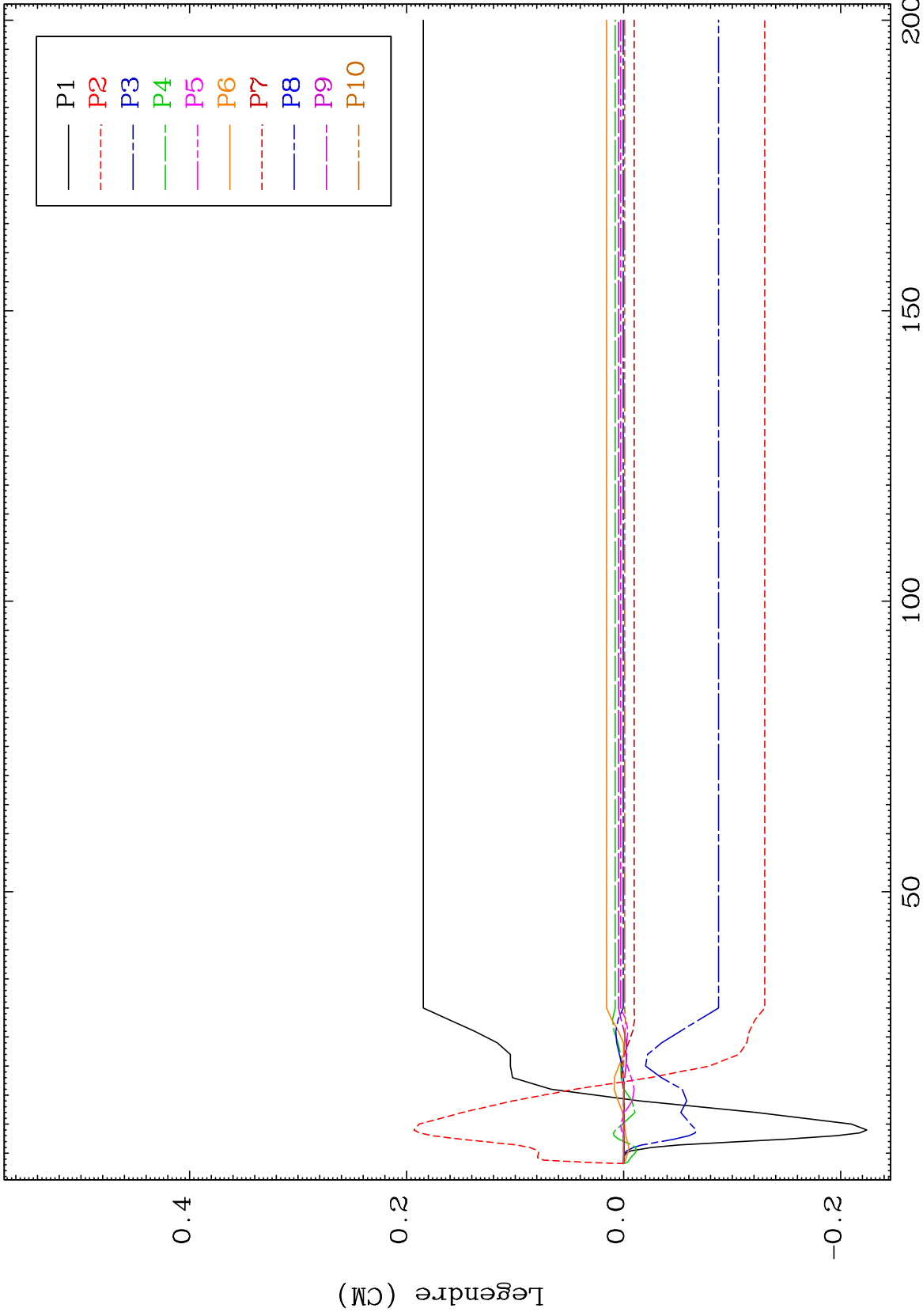
Incident Energy (MeV)

100

MAT 4873

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

48-Cd-122



101

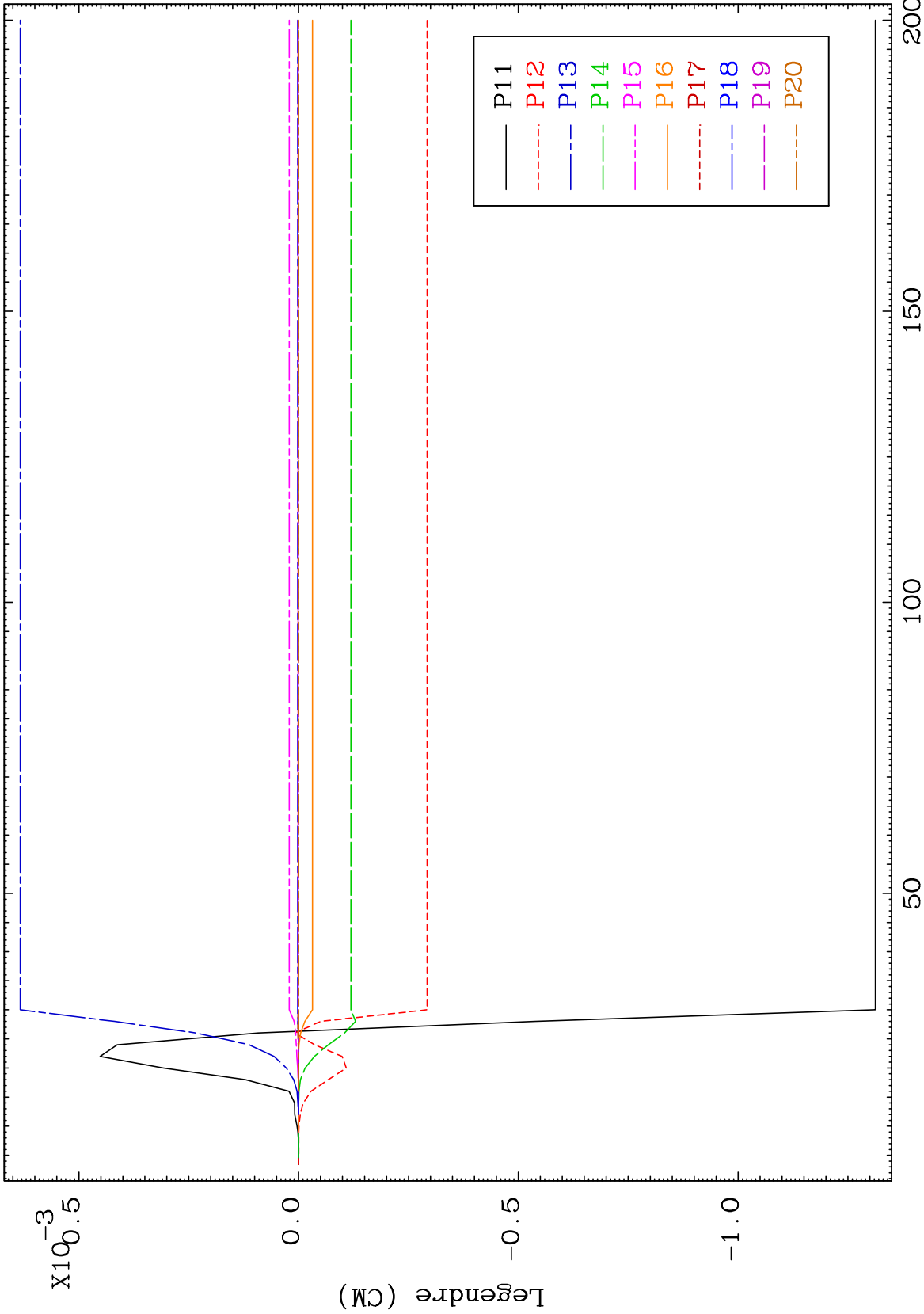
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



102

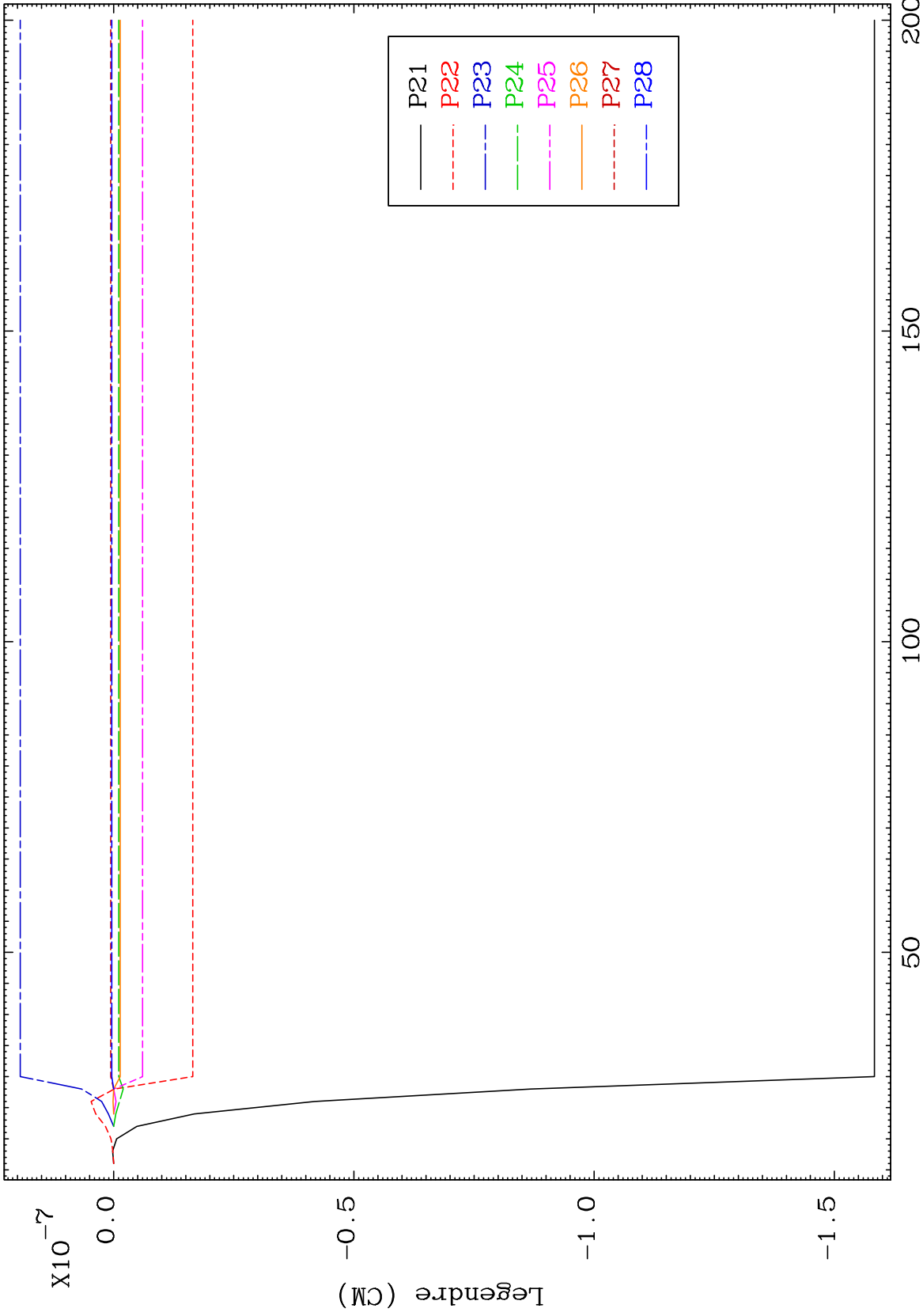
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



103

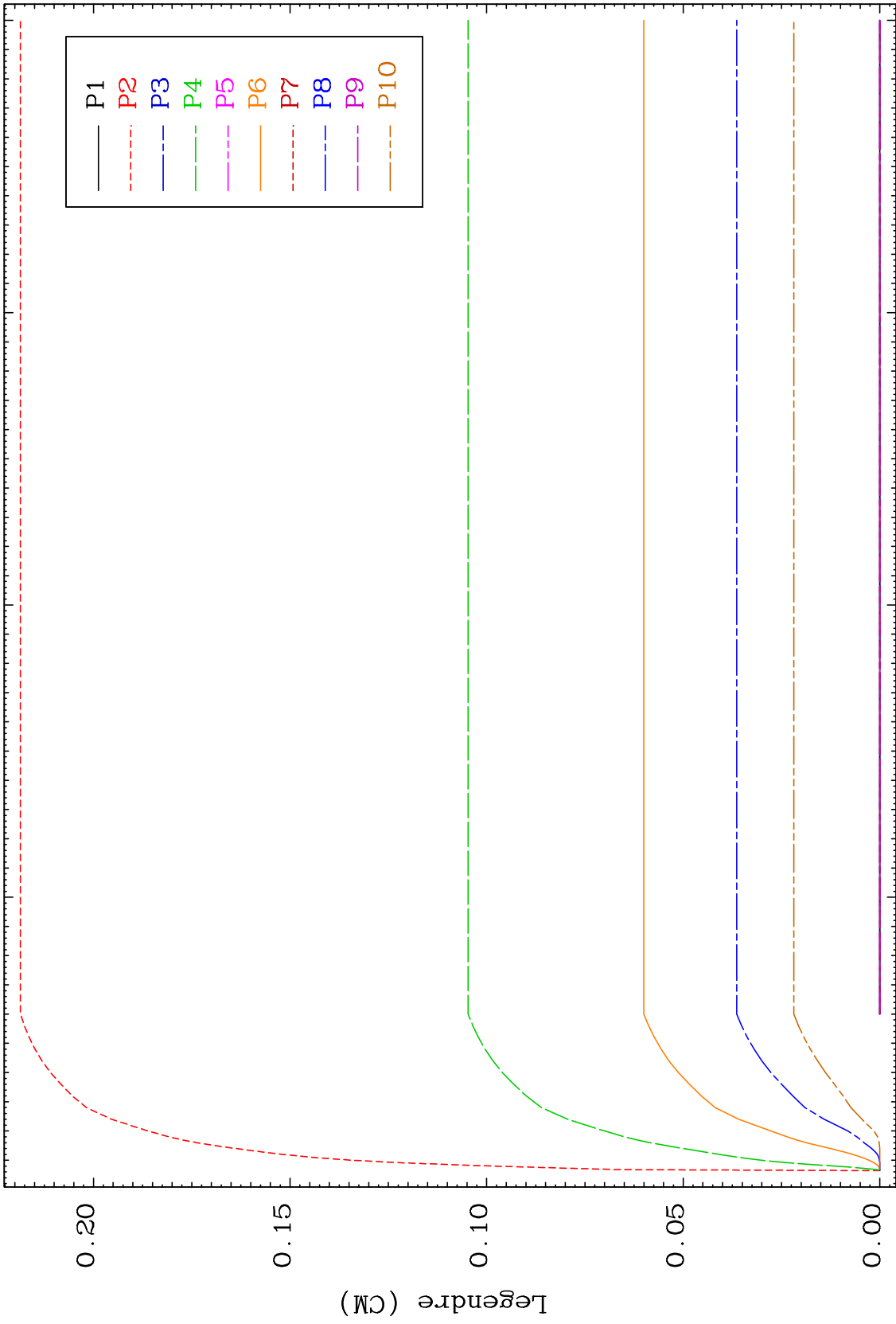
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



104

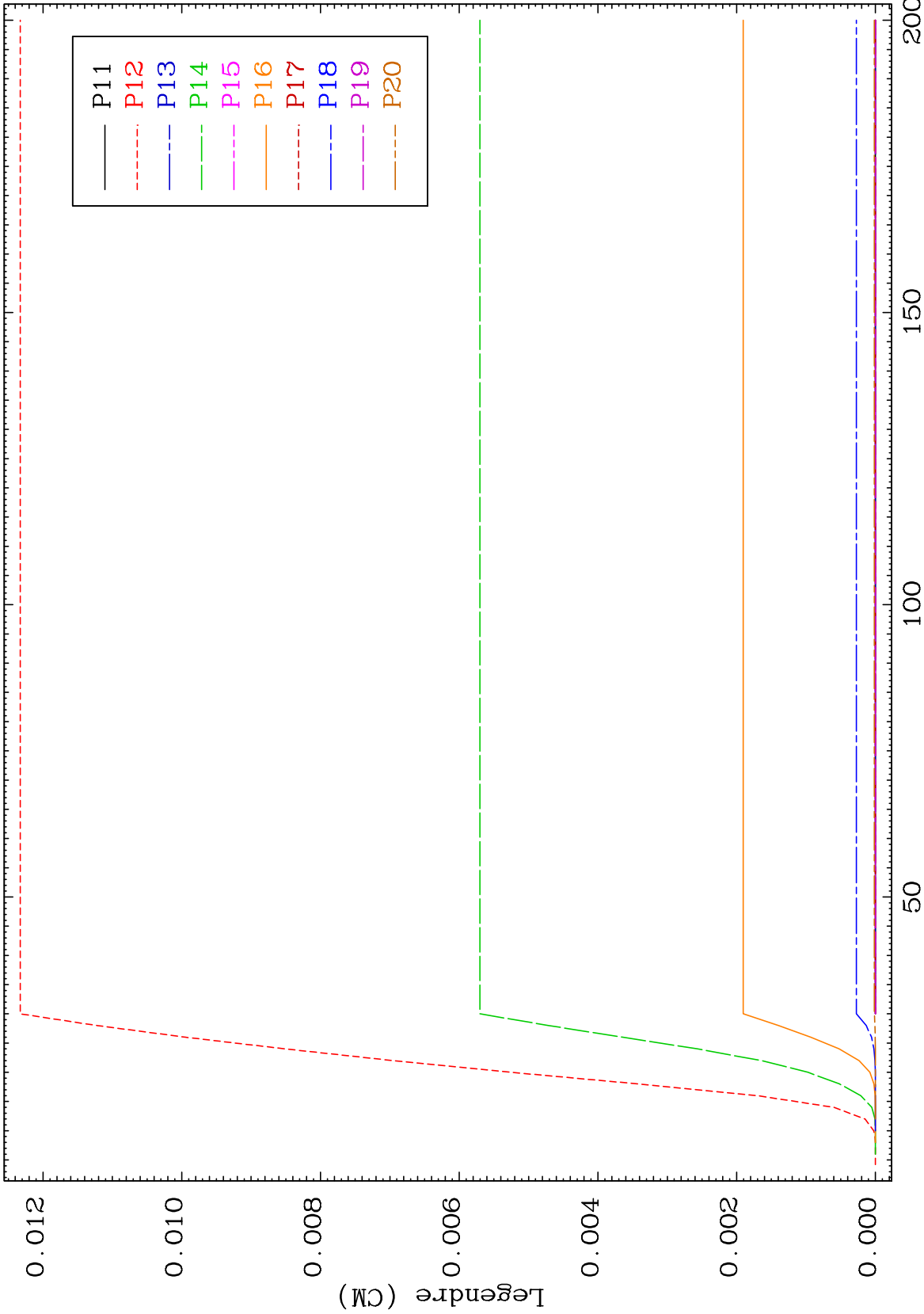
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



105

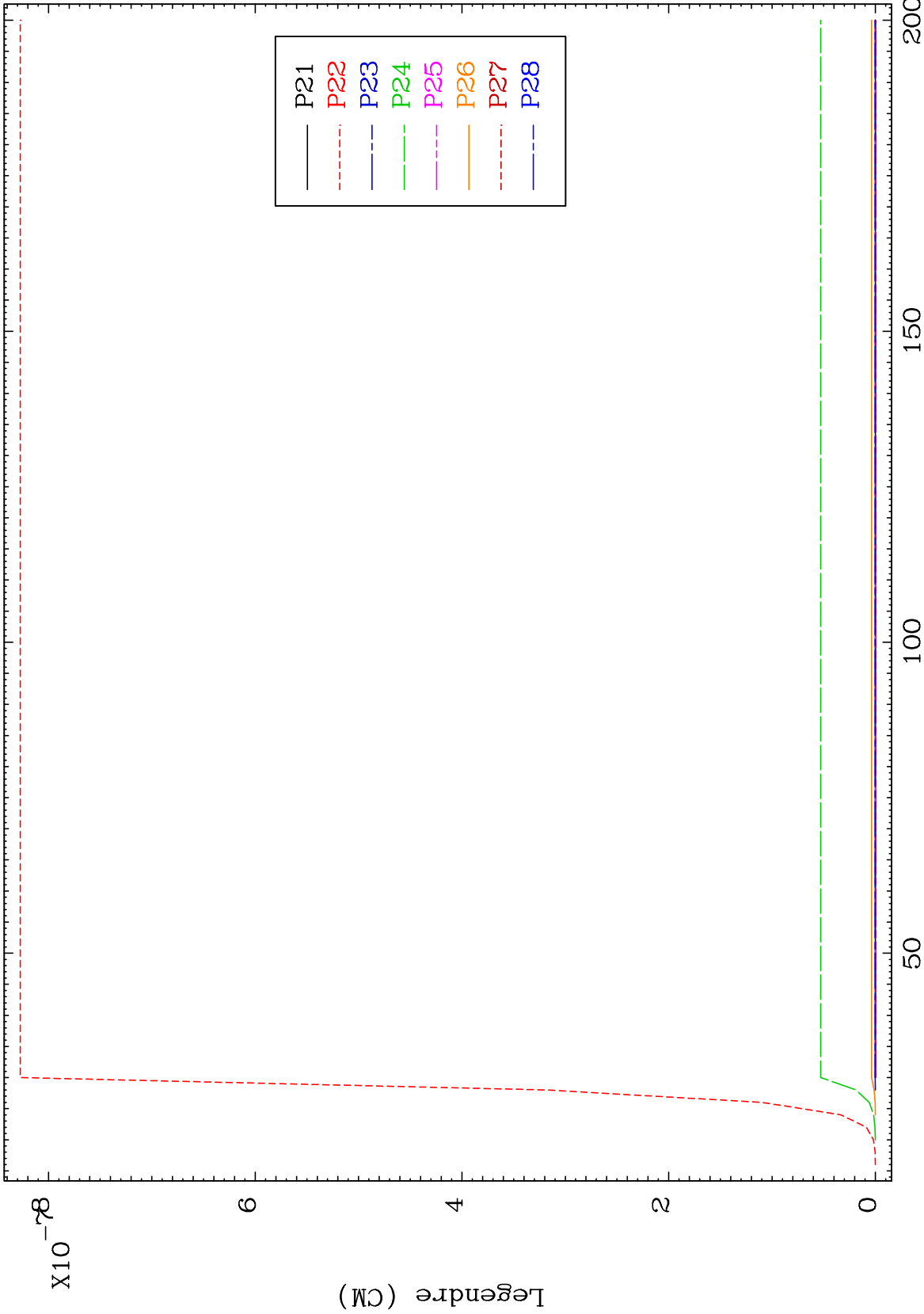
Incident Energy (MeV)

48-Cd-122

MAT 4873

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

48-Cd-122



106

Incident Energy (MeV)

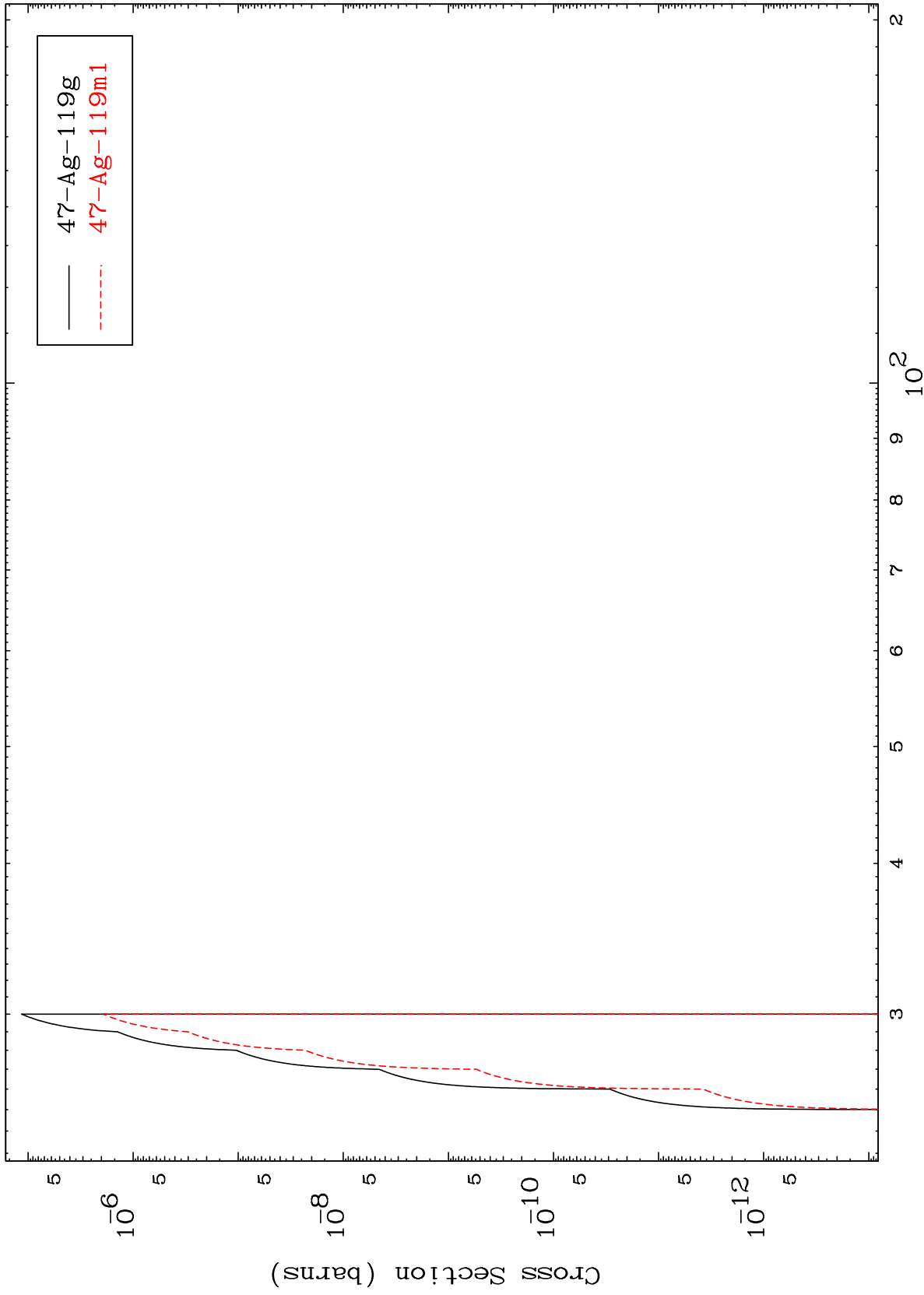
48-Cd-122

MAT 4873

(n,2n) d

48-Cd-122

Radionuclide Production Cross Section



107

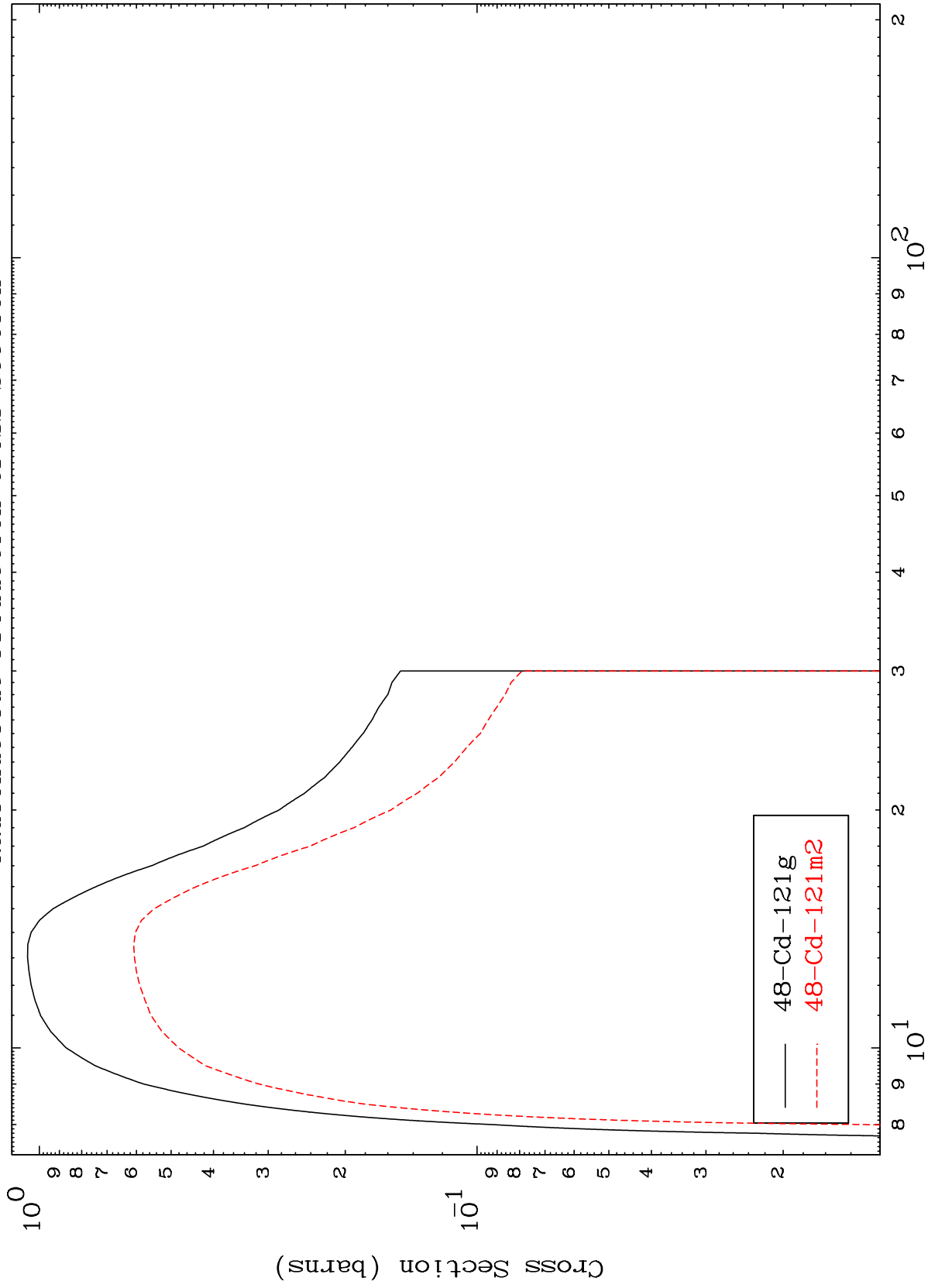
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

Radionuclide Production Cross Section
(n,2n)



108

Incident Energy (MeV)

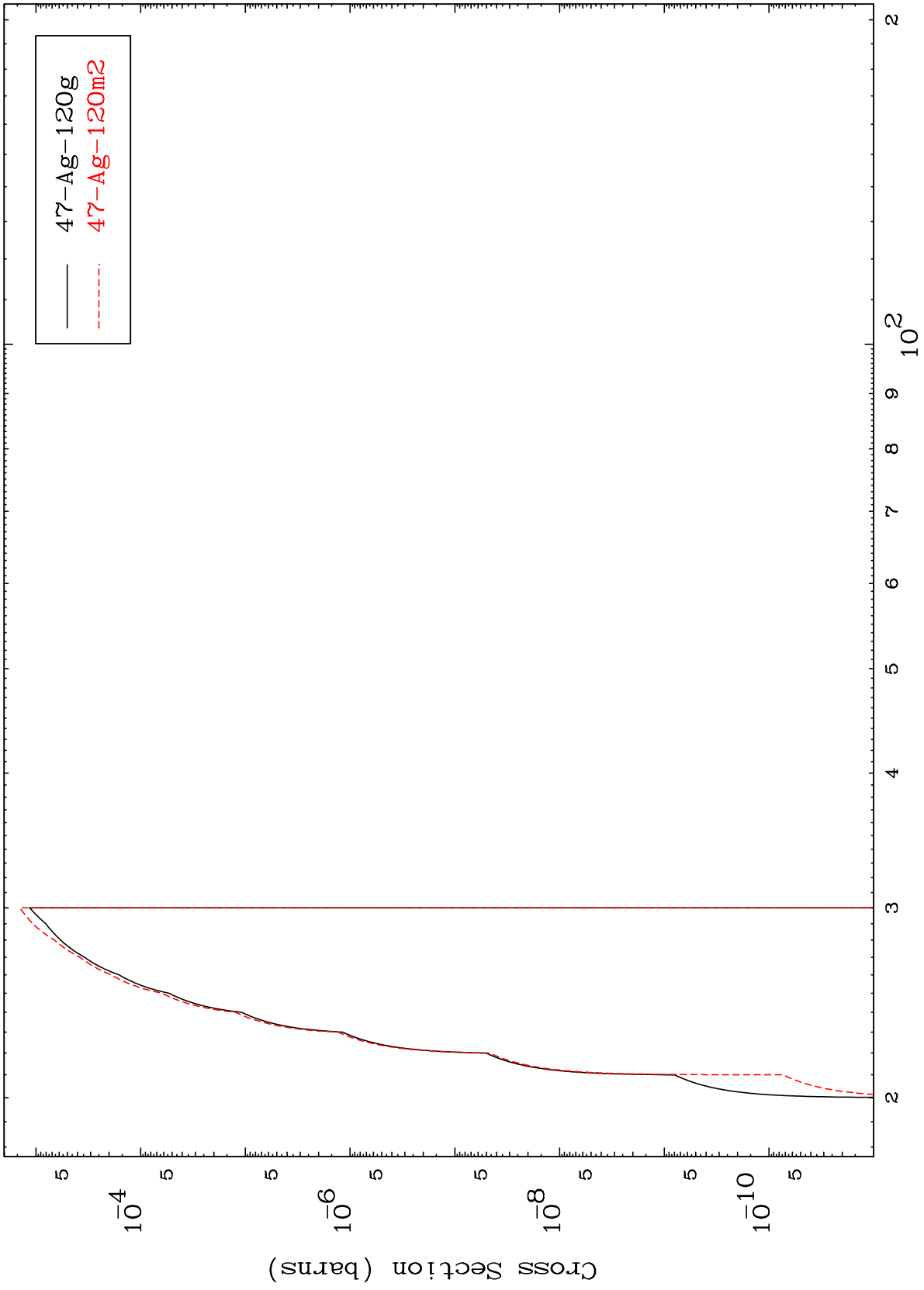
48-Cd-122

MAT 4873

(n,n') d

48-Cd-122

Radionuclide Production Cross Section



109

Incident Energy (MeV)

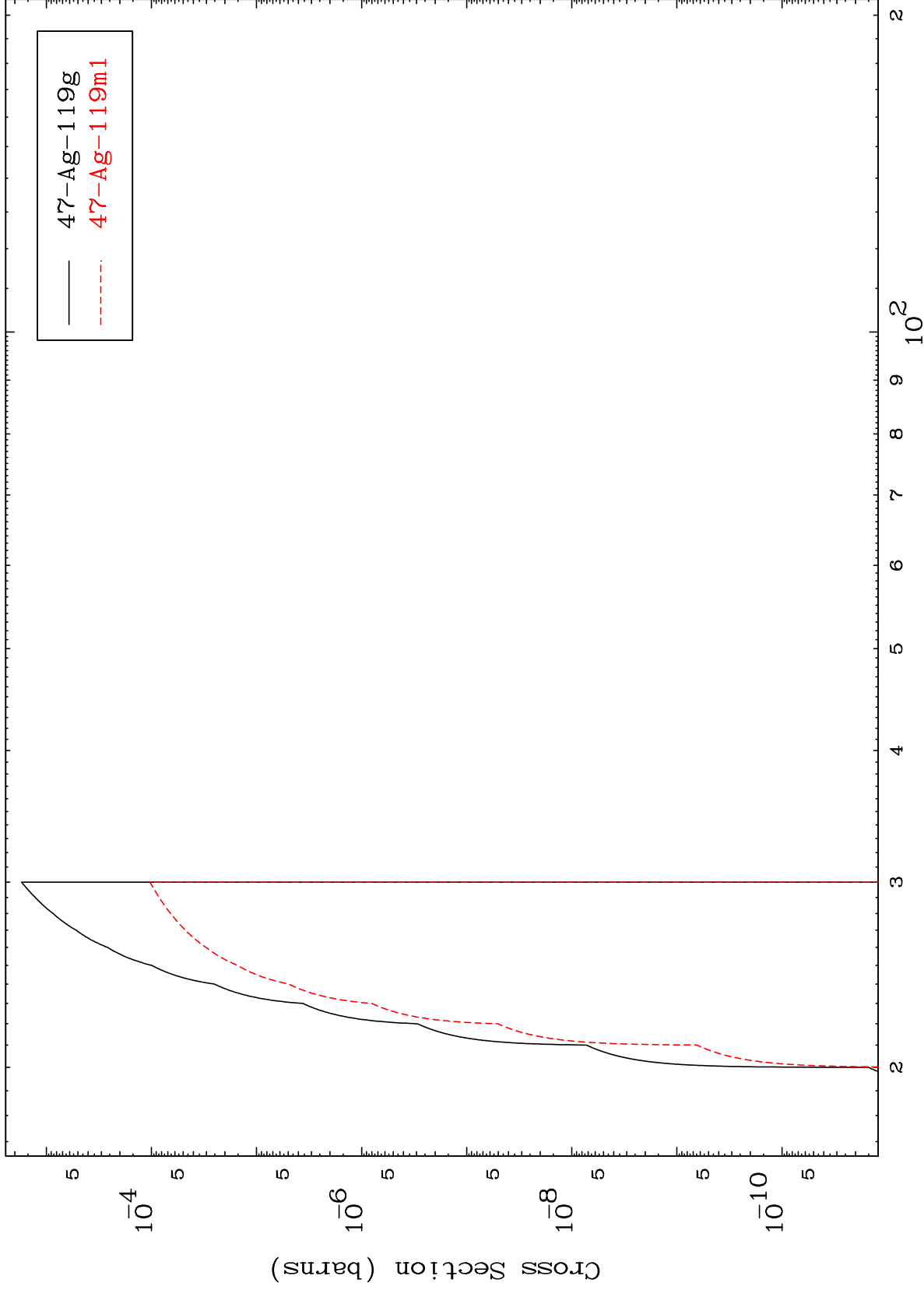
48-Cd-122

MAT 4873

(n,n') t

48-Cd-122

Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

110

Incident Energy (MeV)

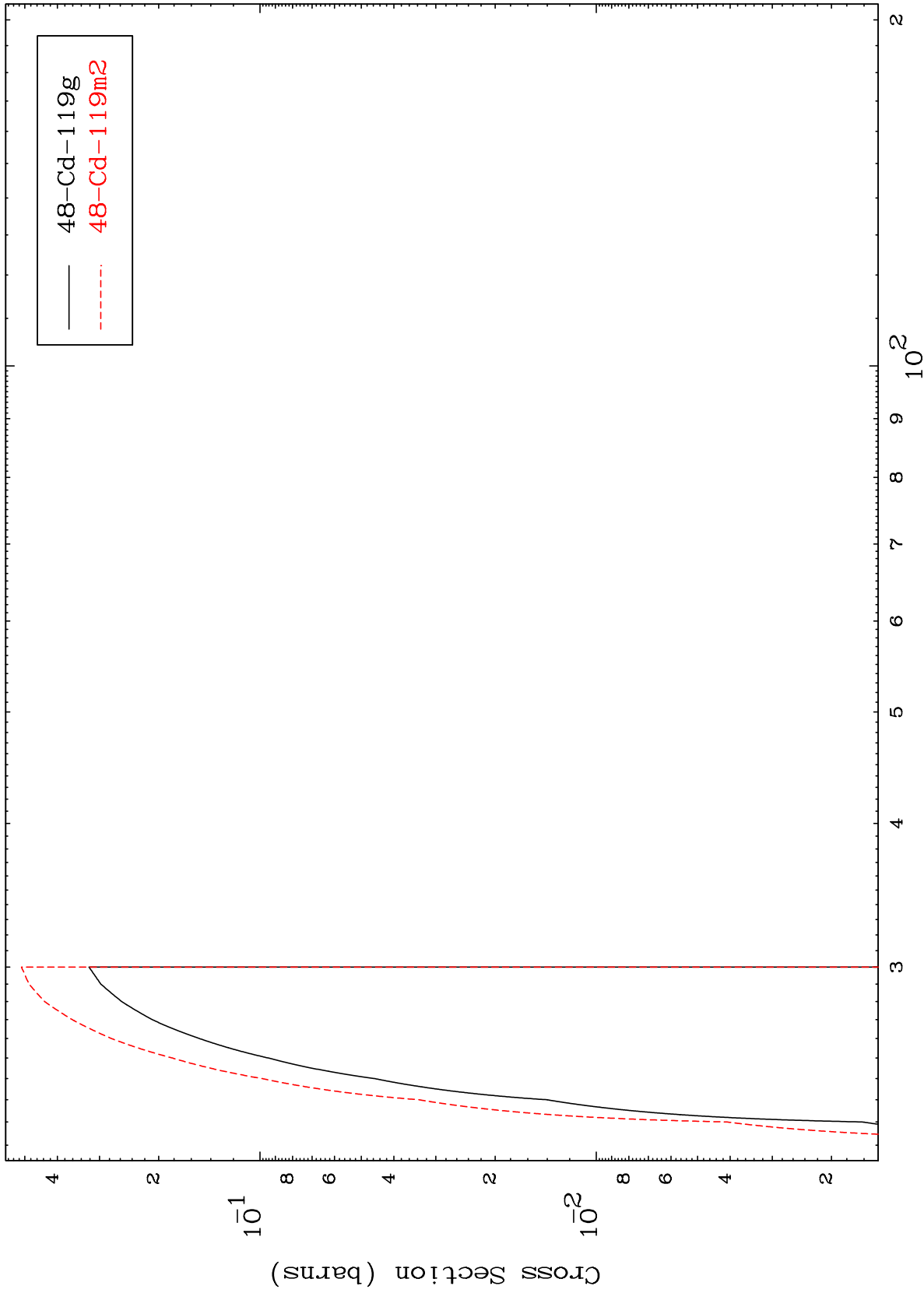
48-Cd-122

MAT 4873

(n,4n)

48-Cd-122

Radionuclide Production Cross Section



111

Incident Energy (MeV)

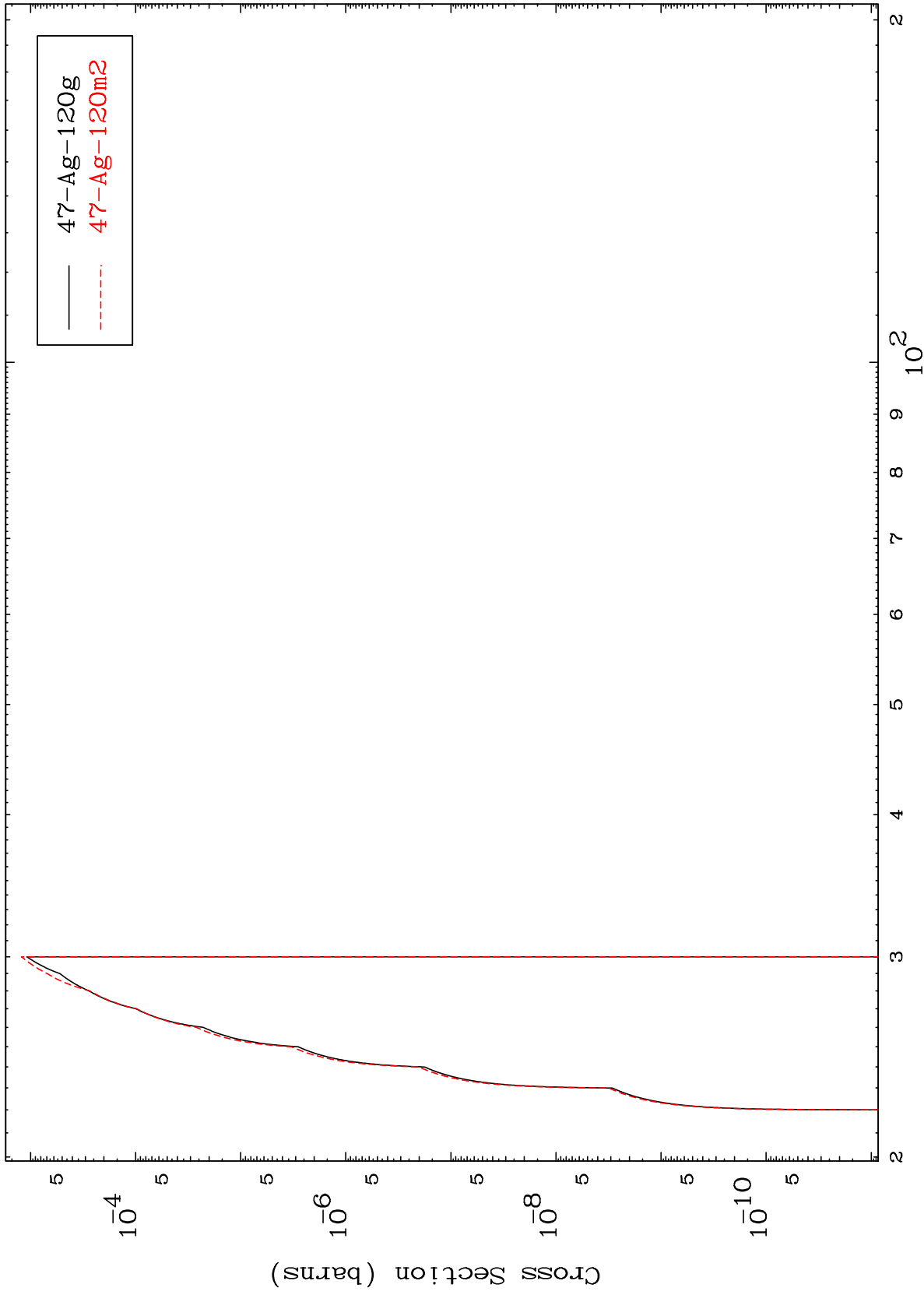
48-Cd-122

MAT 4873

(n,2n) p

48-Cd-122

Radionuclide Production Cross Section



112

Incident Energy (MeV)

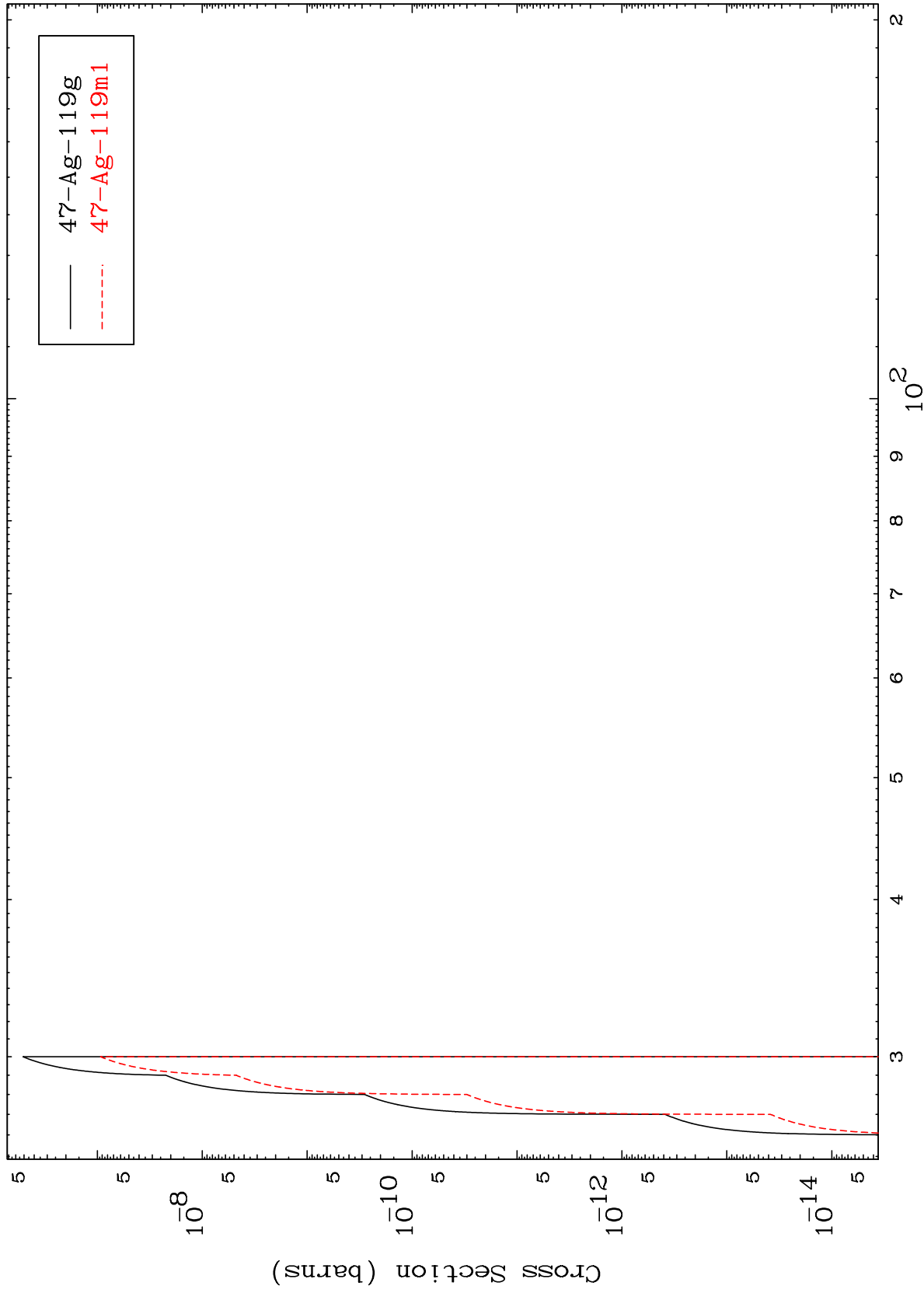
48-Cd-122

MAT 4873

(n,3n) p

48-Cd-122

Radionuclide Production Cross Section



113

Incident Energy (MeV)

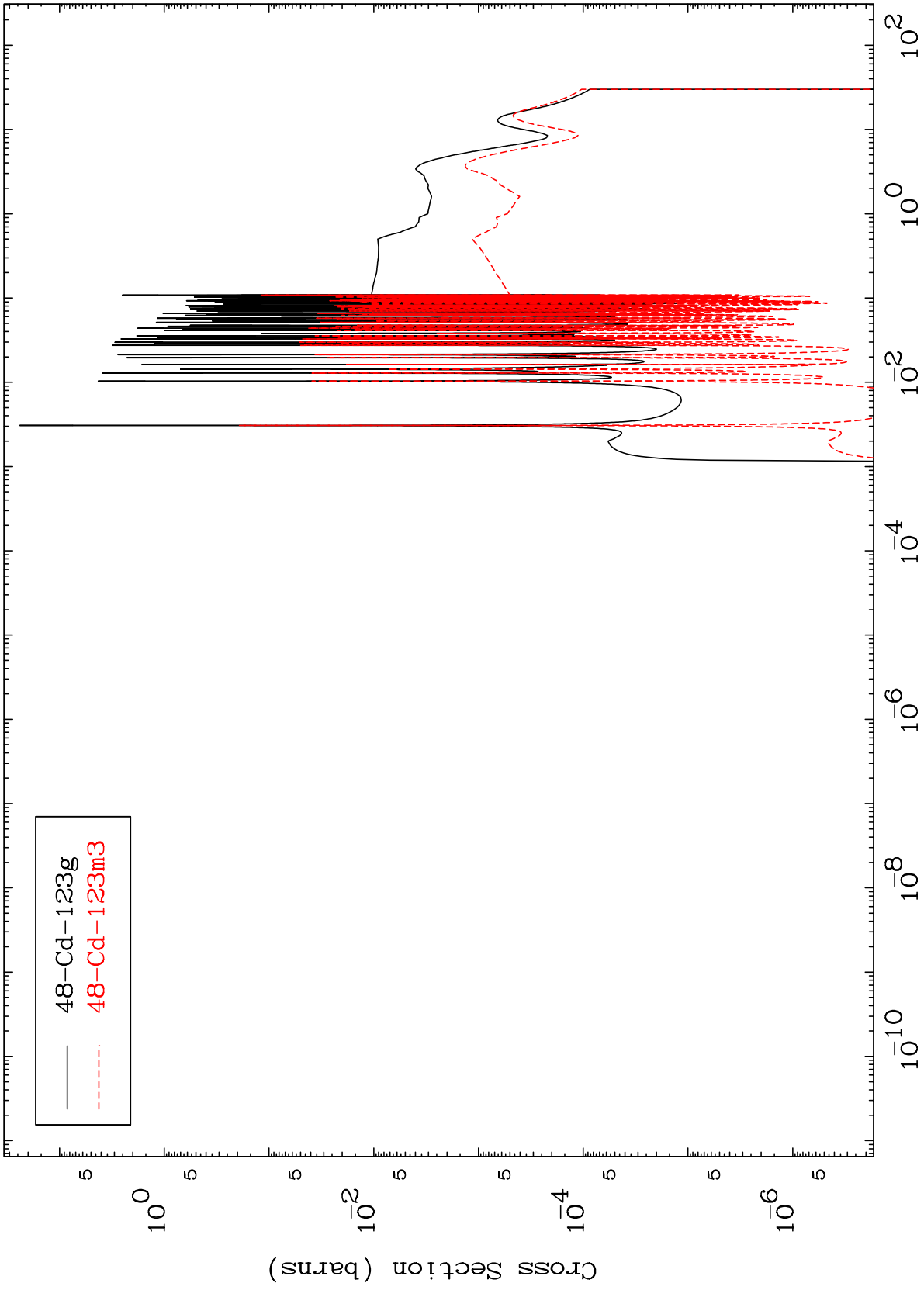
48-Cd-122

MAT 4873

(n, γ)

48-Cd-122

Radionuclide Production Cross Section

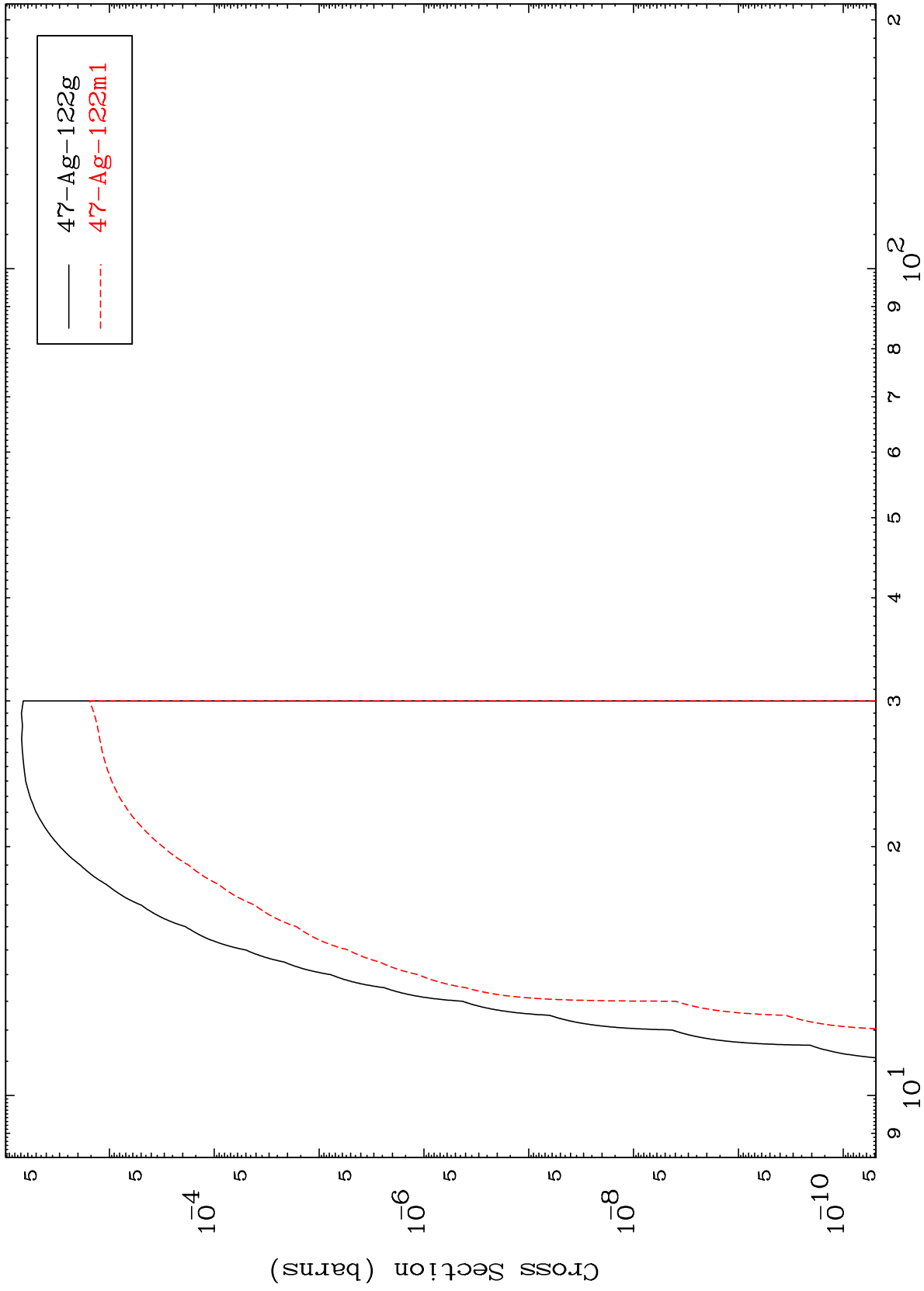


MAT 4873

(n,p)

48-Cd-122

Radionuclide Production Cross Section



115

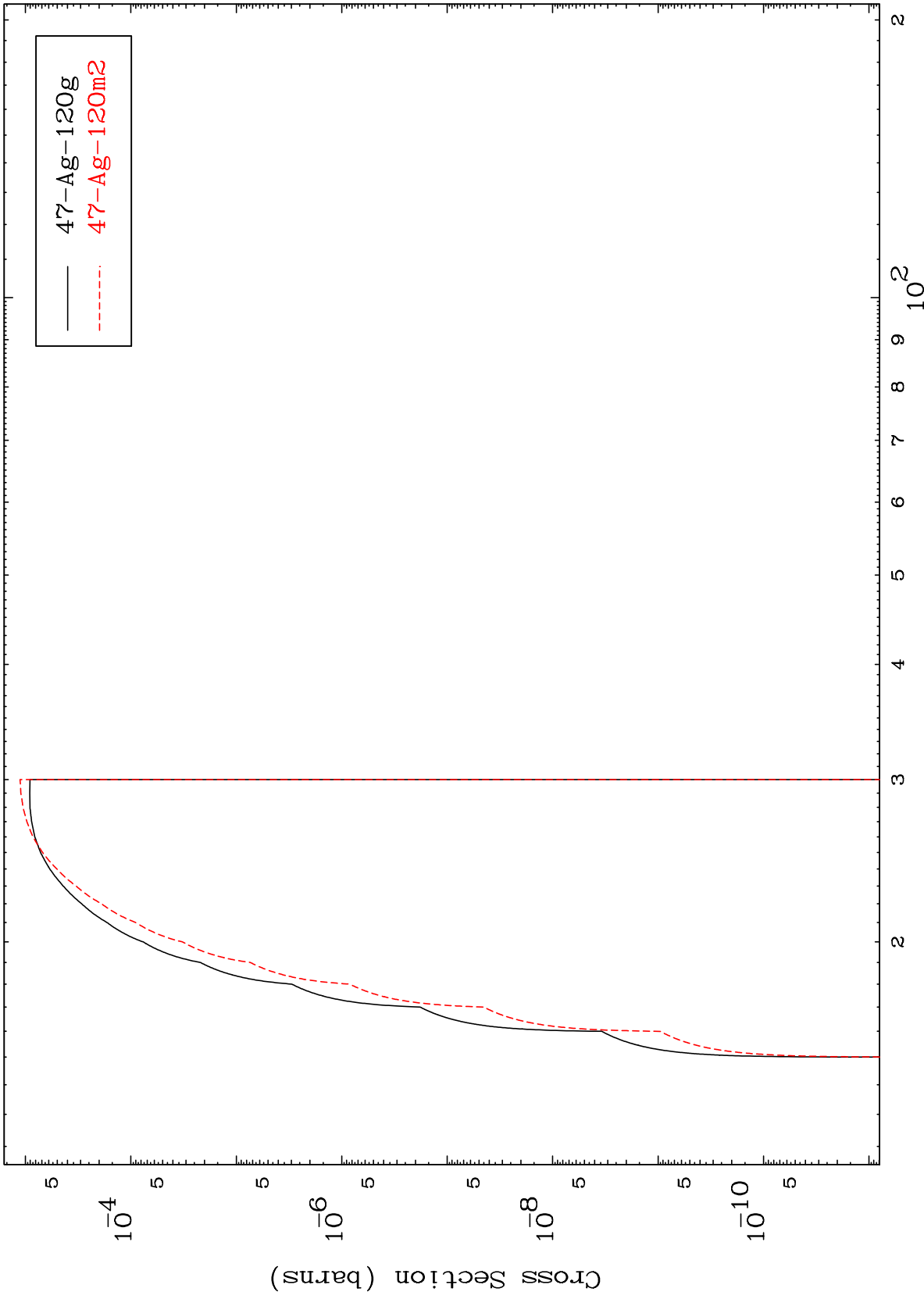
Incident Energy (MeV)

48-Cd-122

MAT 4873

48-Cd-122

(n, t)
Radionuclide Production Cross Section



116

Incident Energy (MeV)

48-Cd-122