

Program EVALPLOT
(Version 2021-1)

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

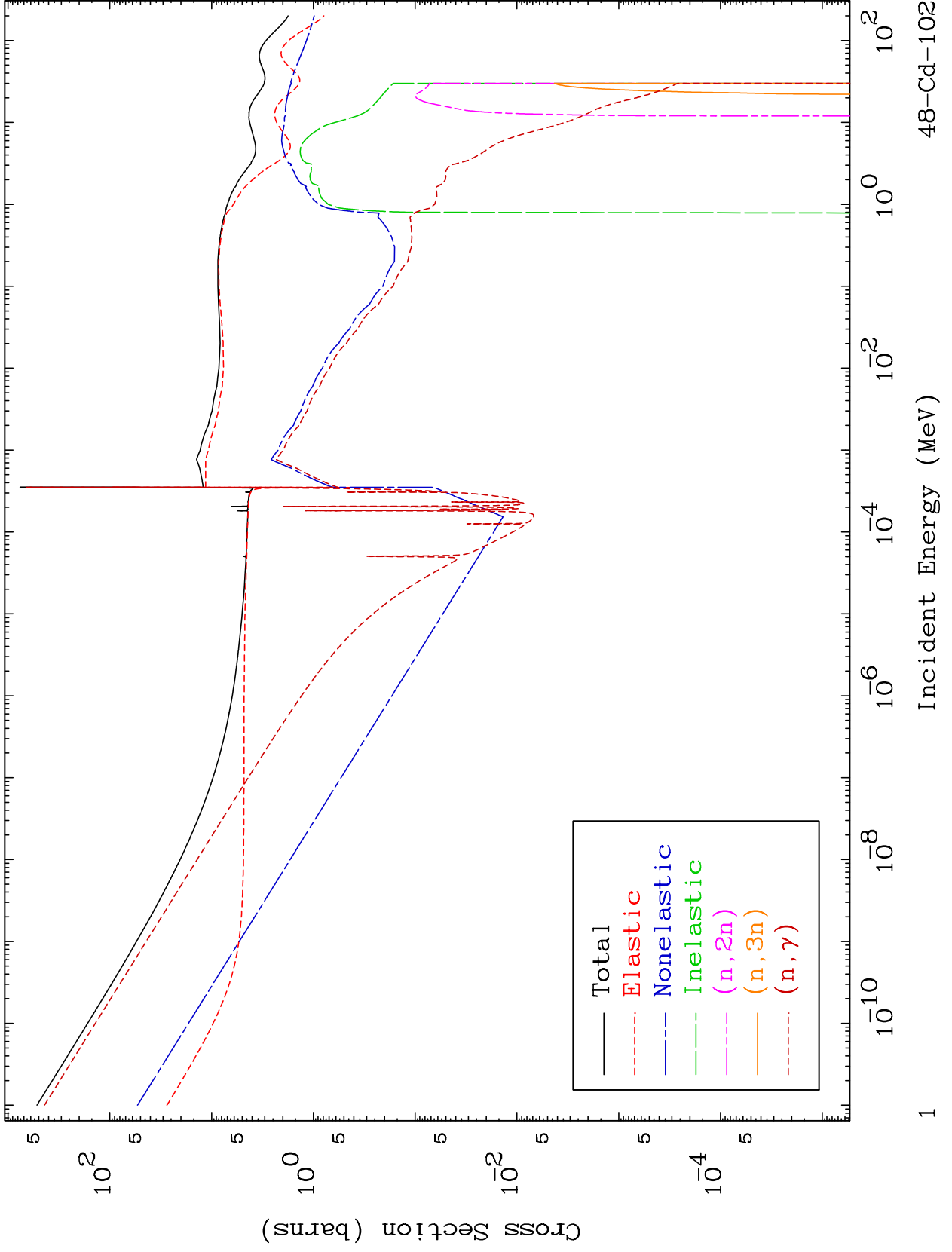
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Press Mouse Button to Start

MAT 4813

Neutron Major
293 Kelvin Cross Sections

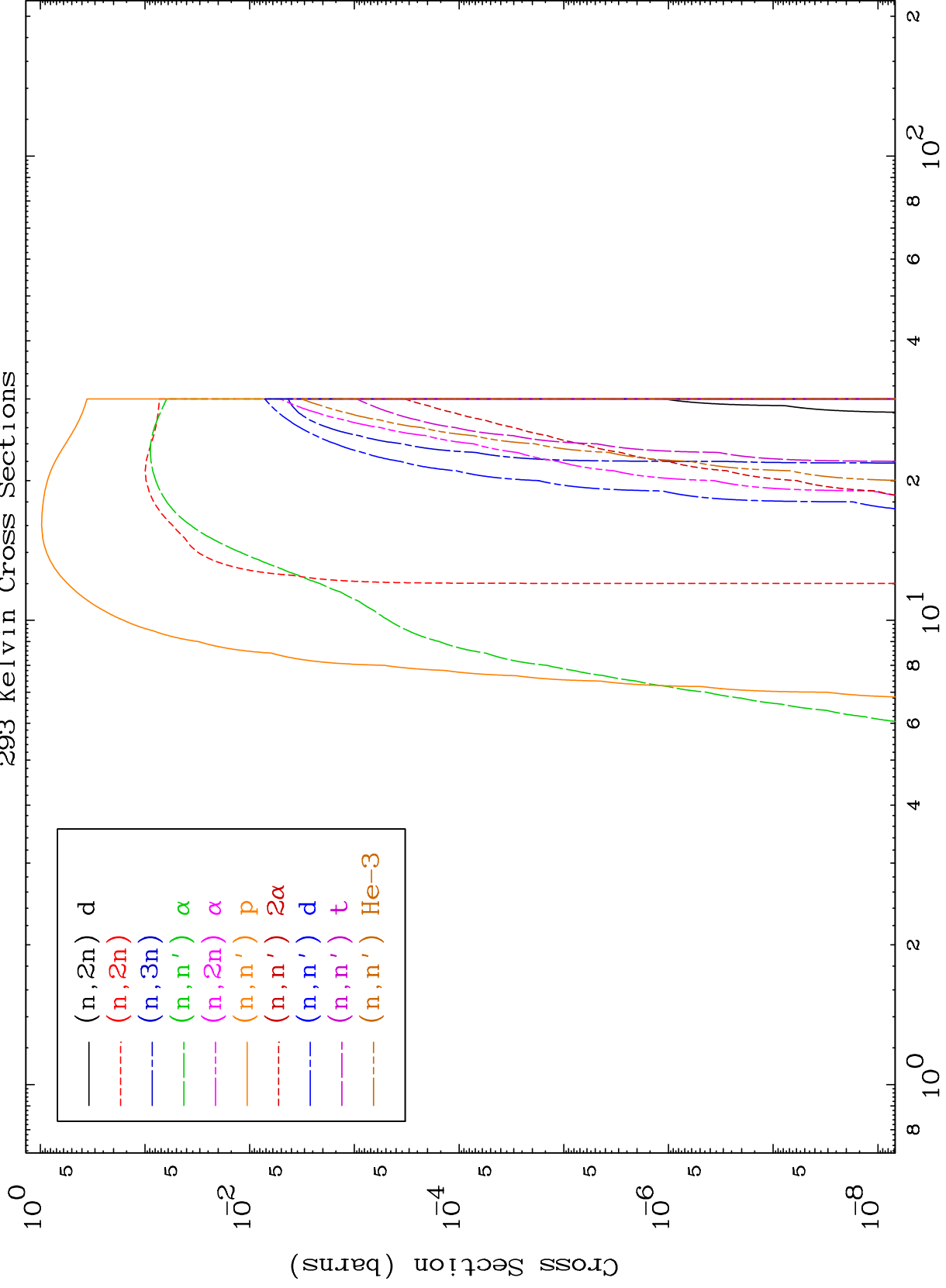
48-Cd-102



MAT 4813

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-102



48-Cd-102

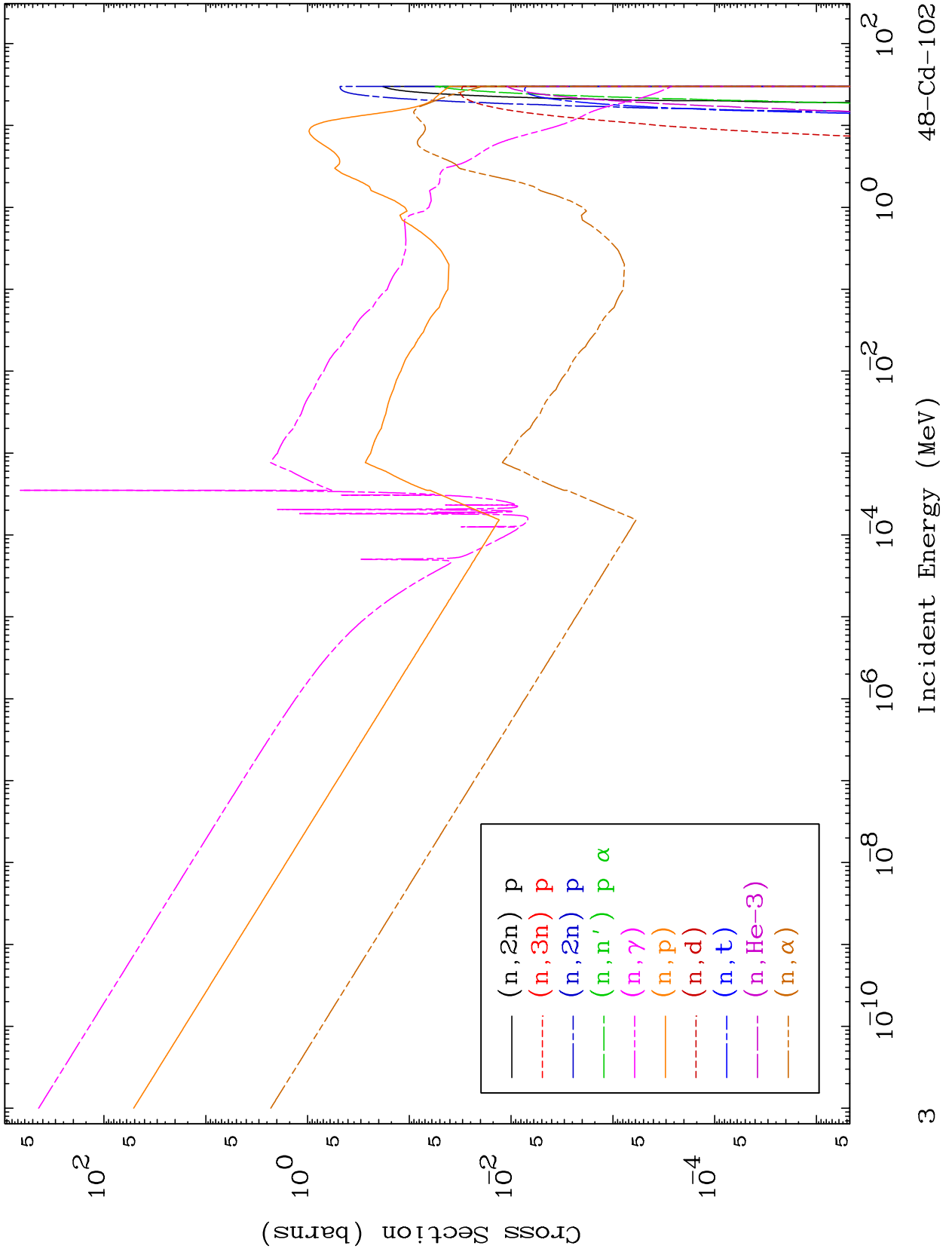
Incident Energy (MeV)

2

MAT 4813

Neutron Absorption
293 Kelvin Cross Sections

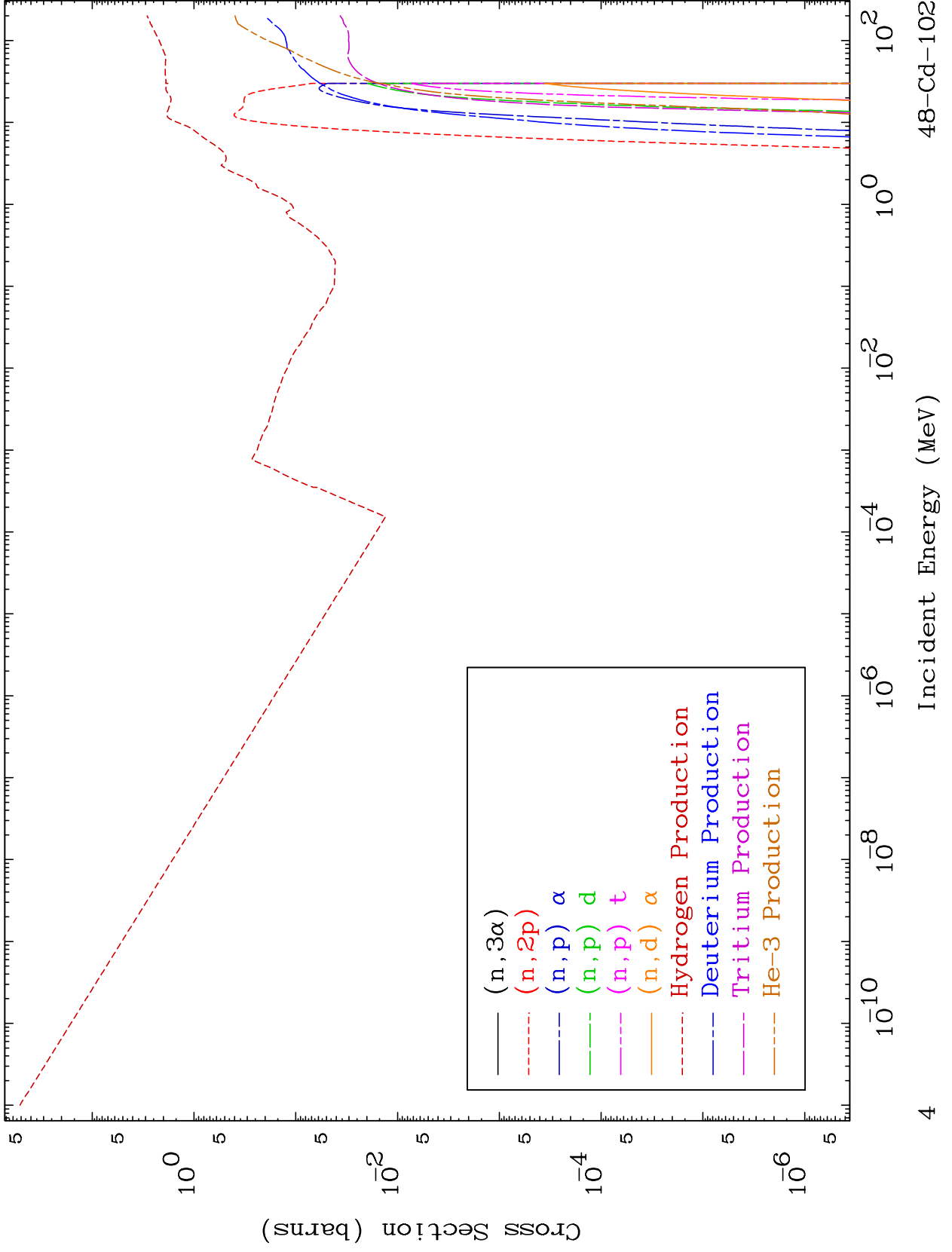
48-Cd-102



MAT 4813

Neutron Absorption
293 Kelvin Cross Sections

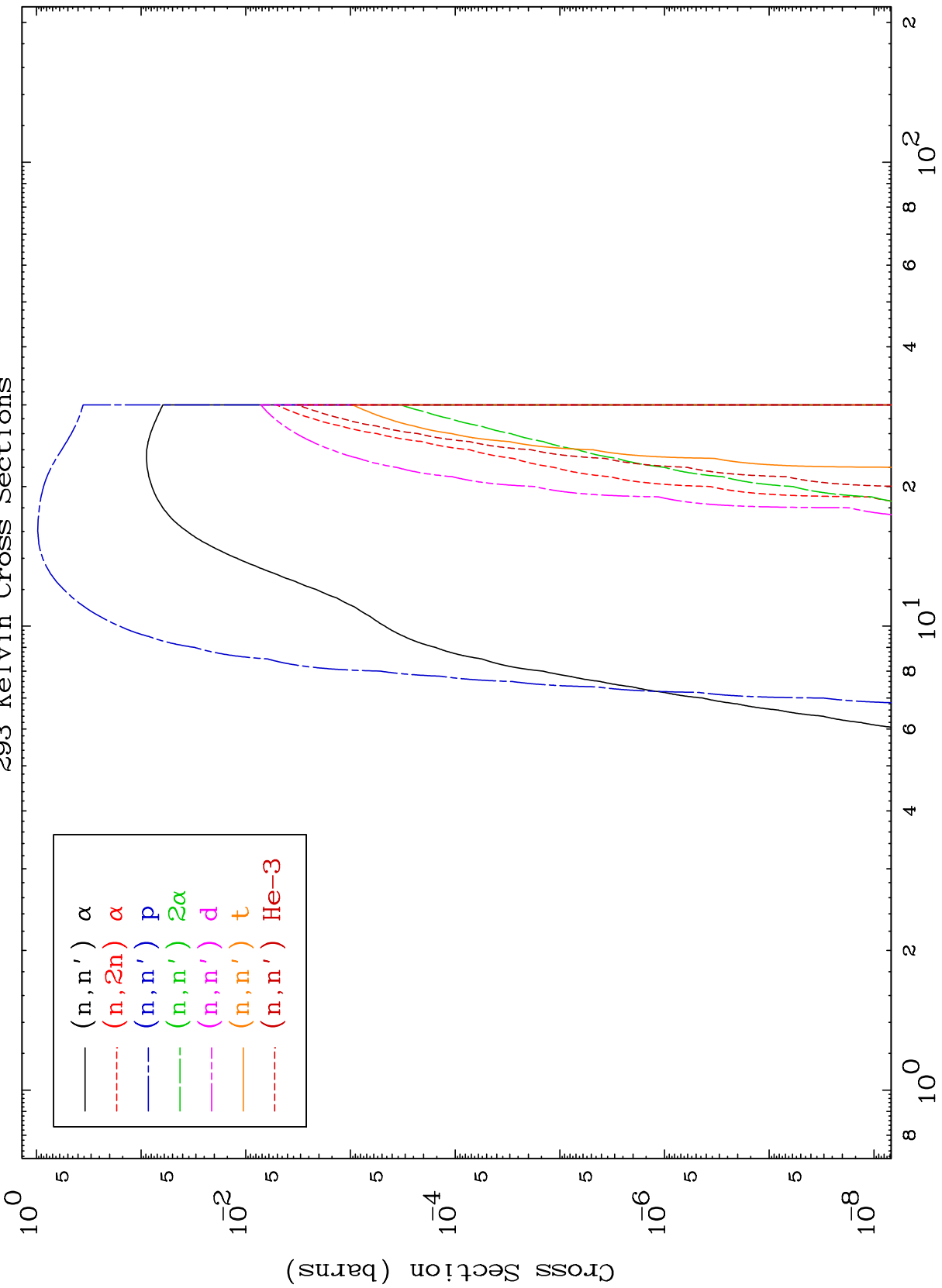
48-Cd-102



MAT 4813

Charged Particle
293 Kelvin Cross Sections

48-Cd-102



5

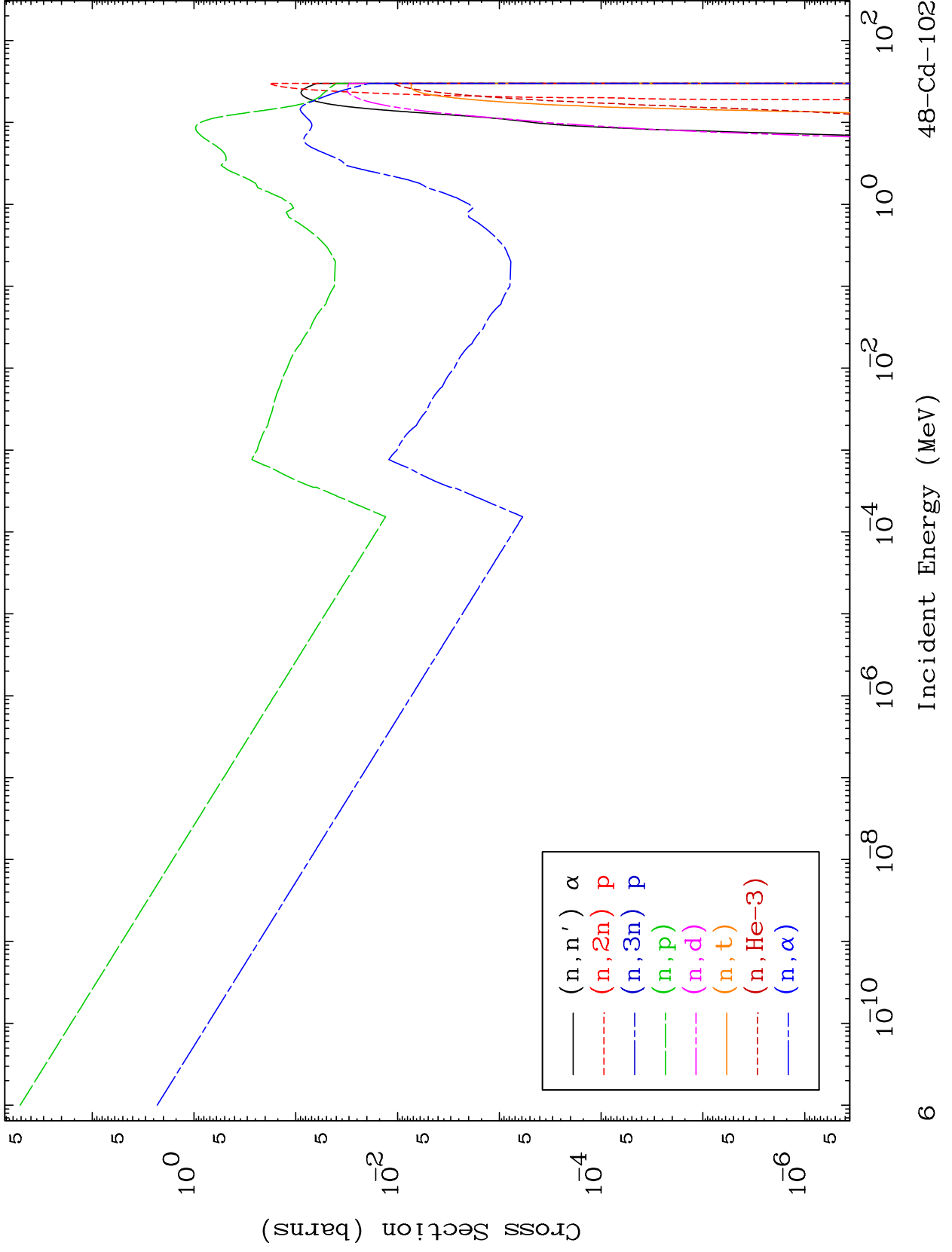
Incident Energy (MeV)

48-Cd-102

MAT 4813

Charged Particle
293 Kelvin Cross Sections

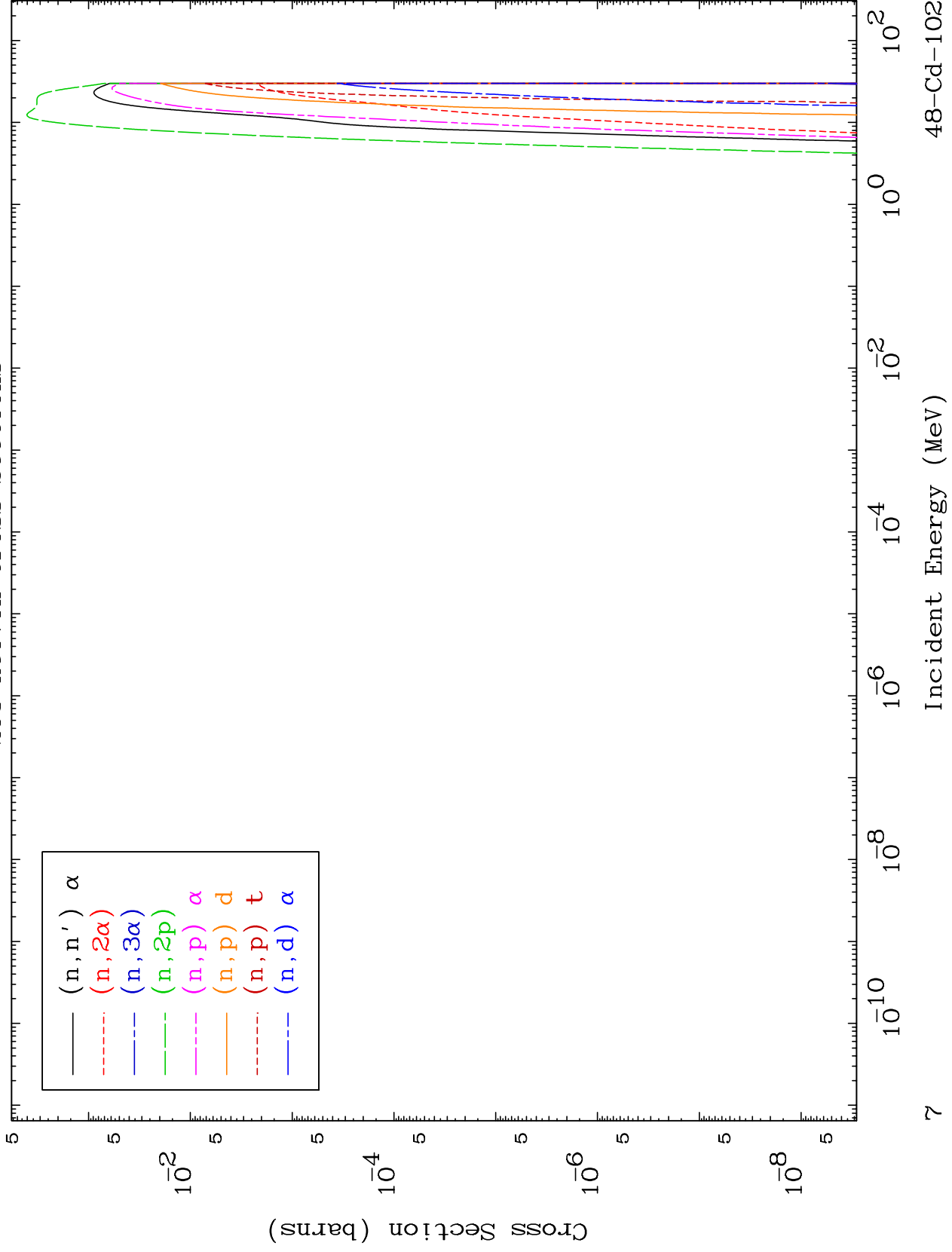
48-Cd-102



MAT 4813

Charged Particle
293 Kelvin Cross Sections

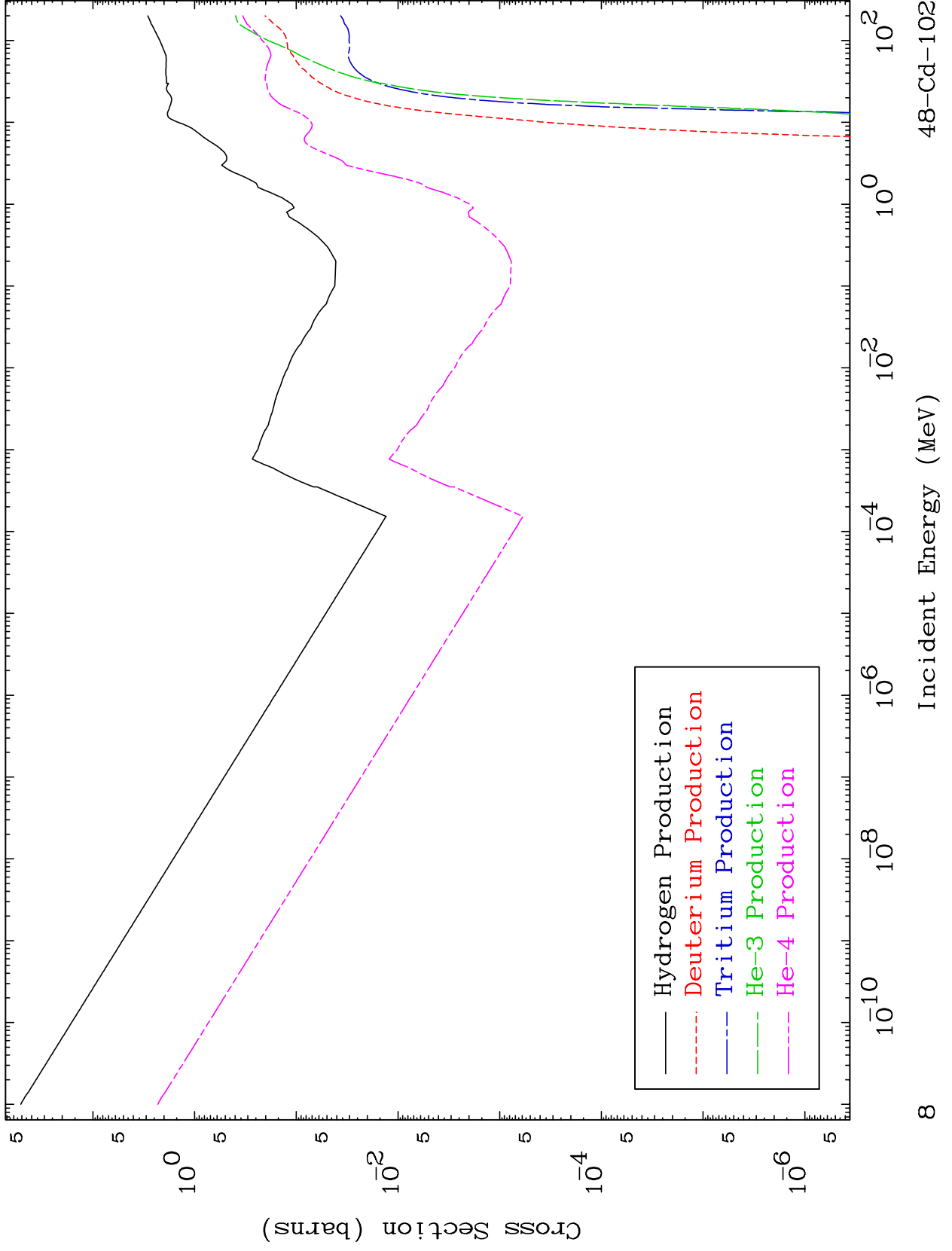
48-Cd-102



MAT 4813

Particle Production
293 Kelvin Cross Sections

48-Cd-102

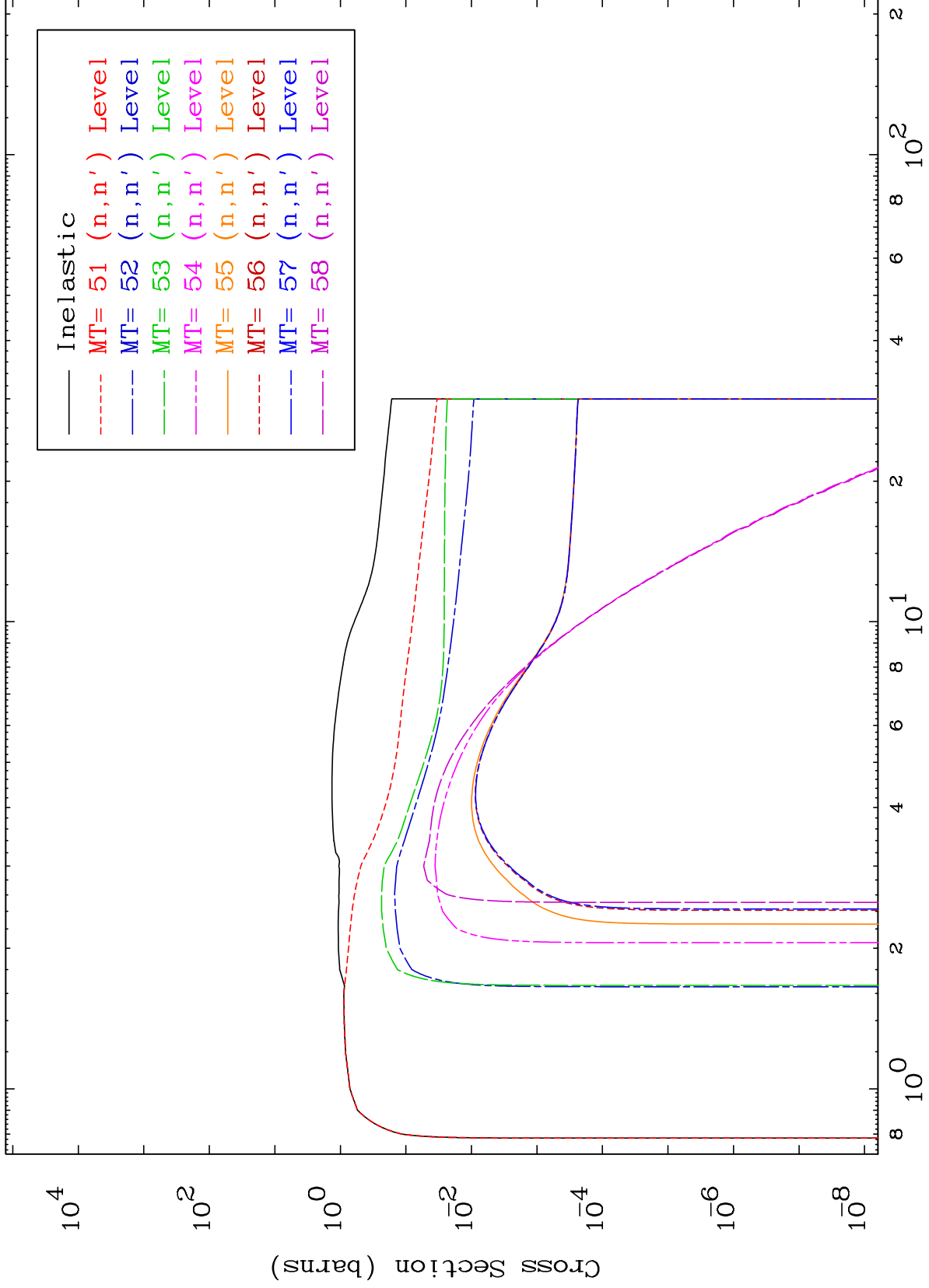


MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



9

Incident Energy (MeV)

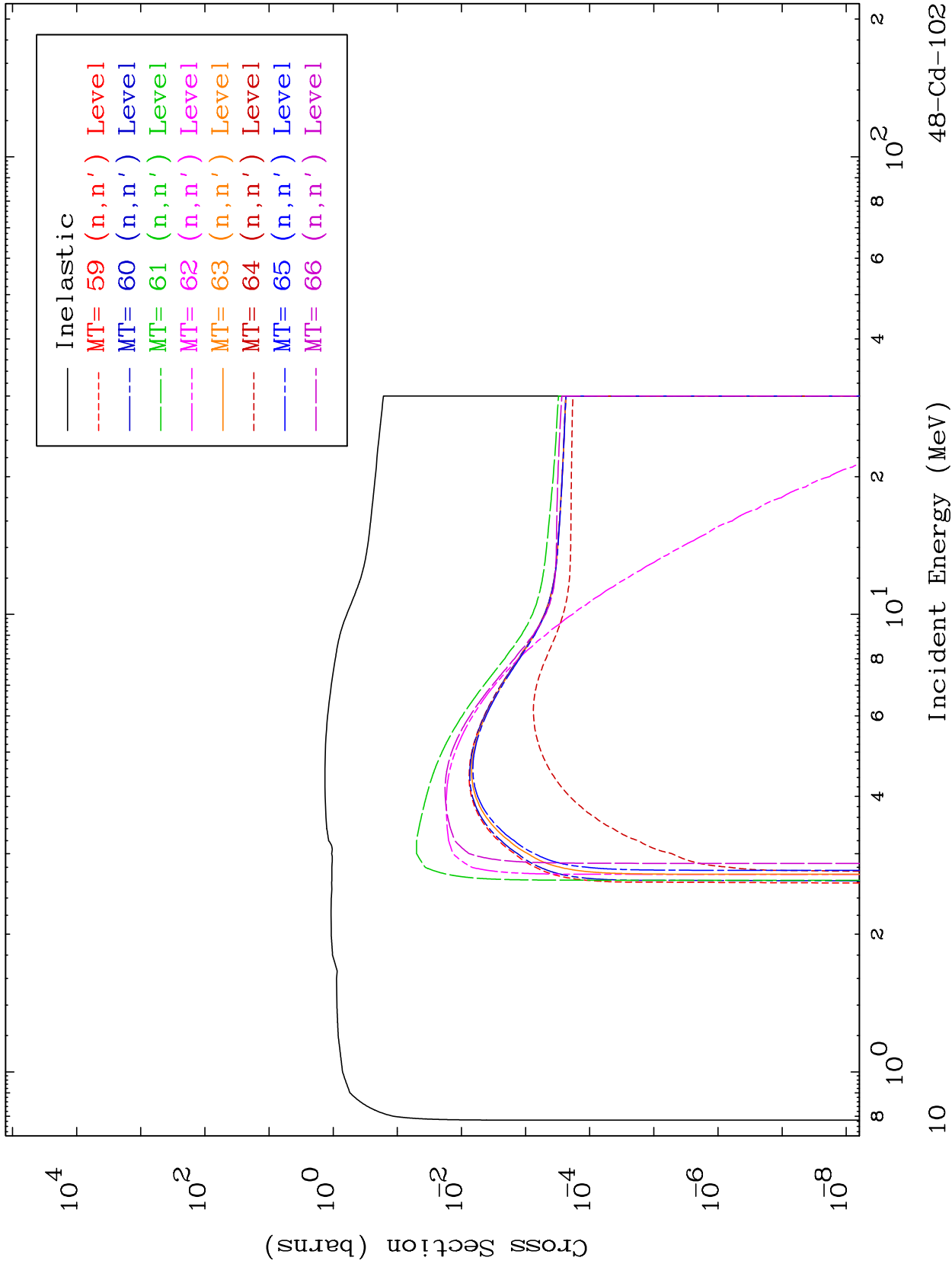
48-Cd-102

MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



48-Cd-102

Incident Energy (MeV)

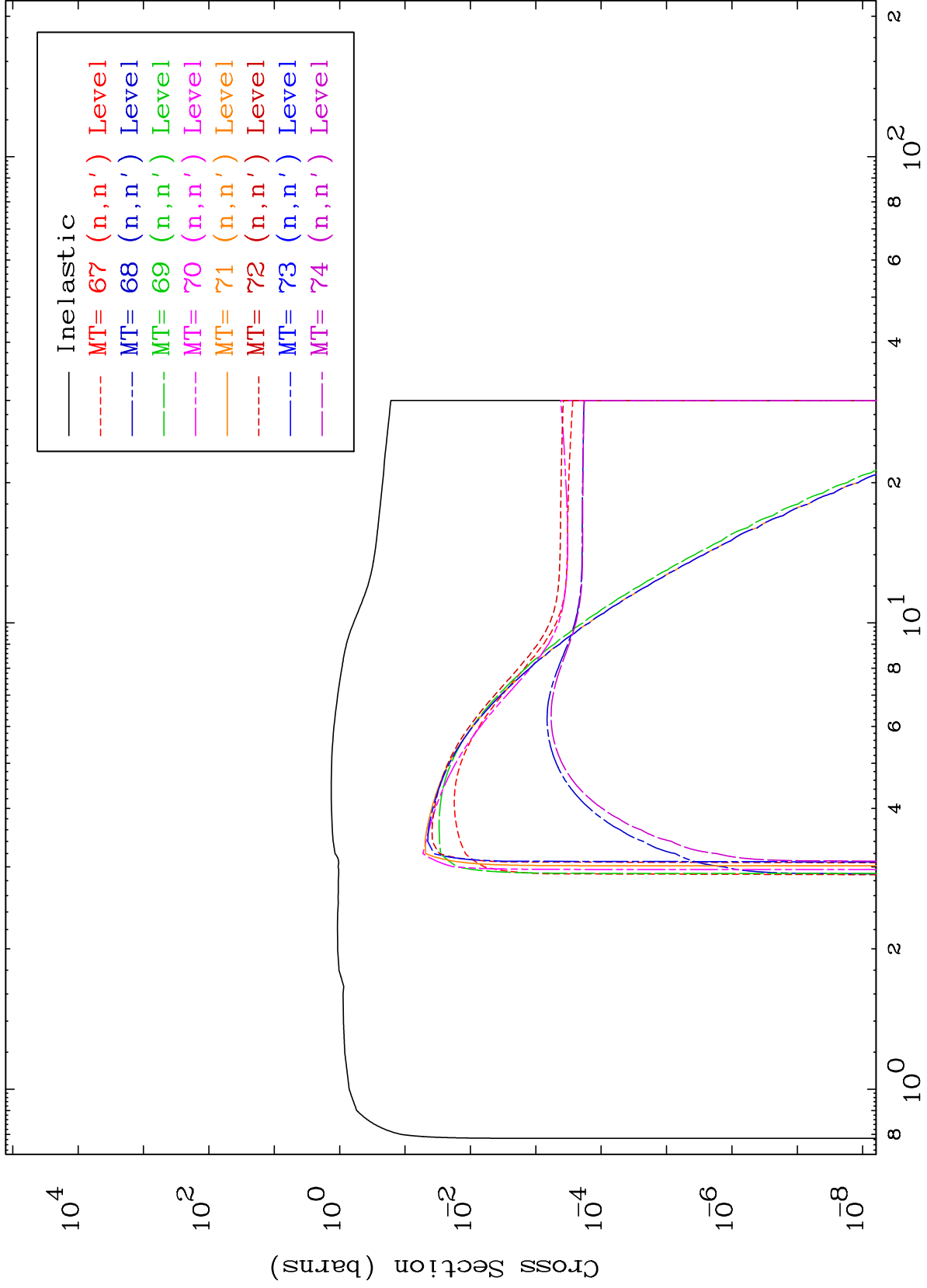
10

MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



11

Incident Energy (MeV)

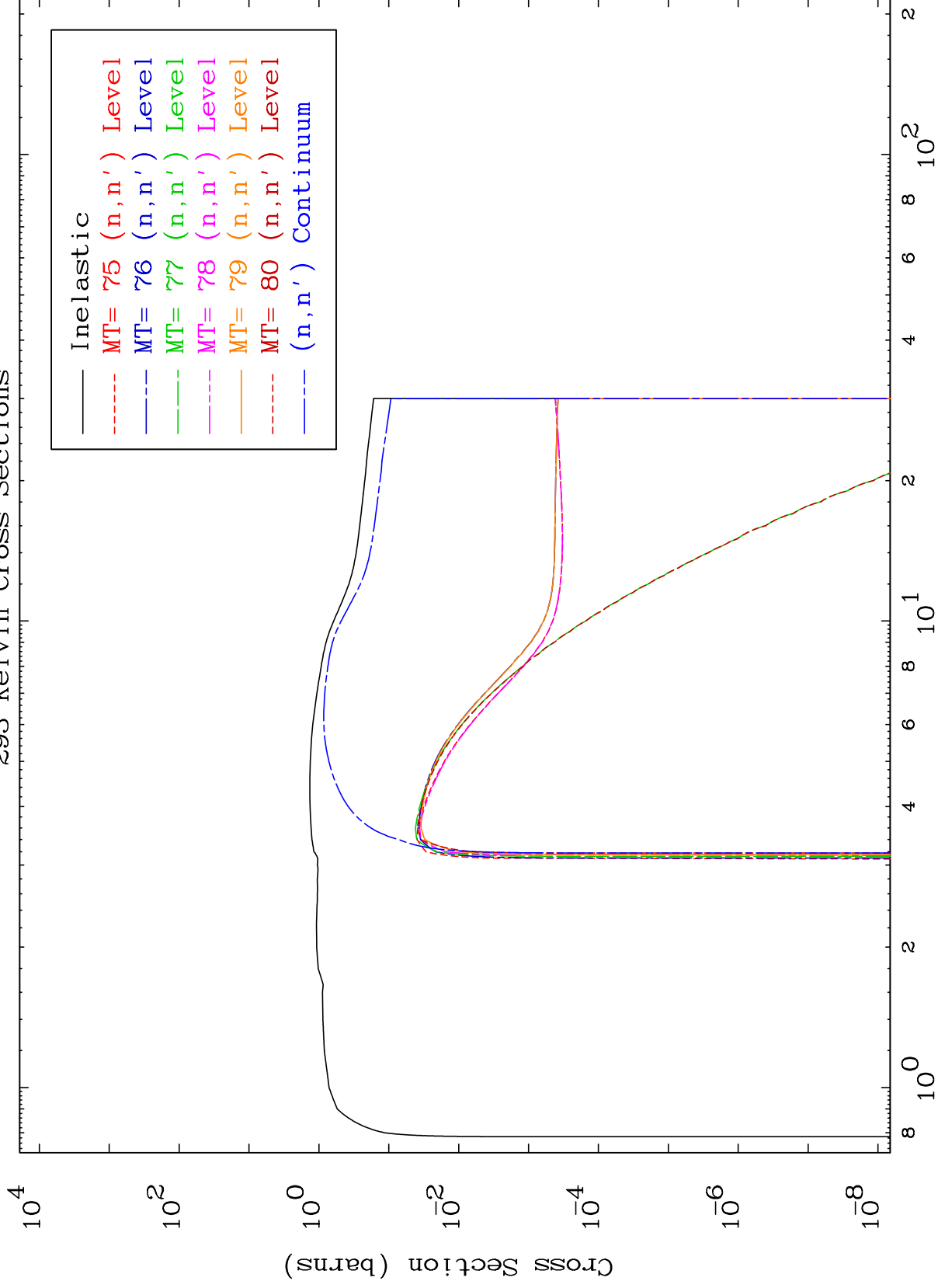
48-Cd-102

MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



12

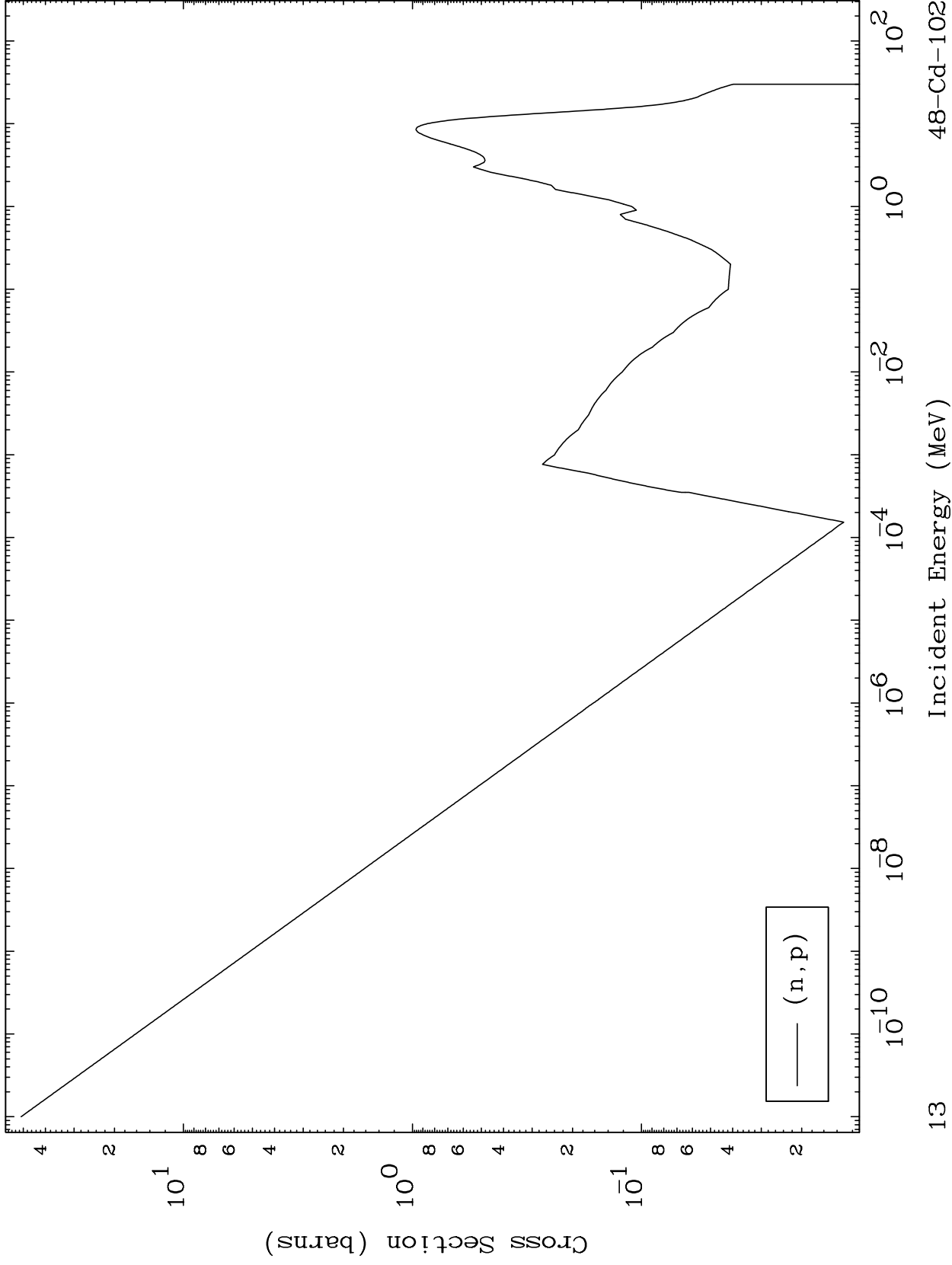
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,p) Levels
293 Kelvin Cross Sections

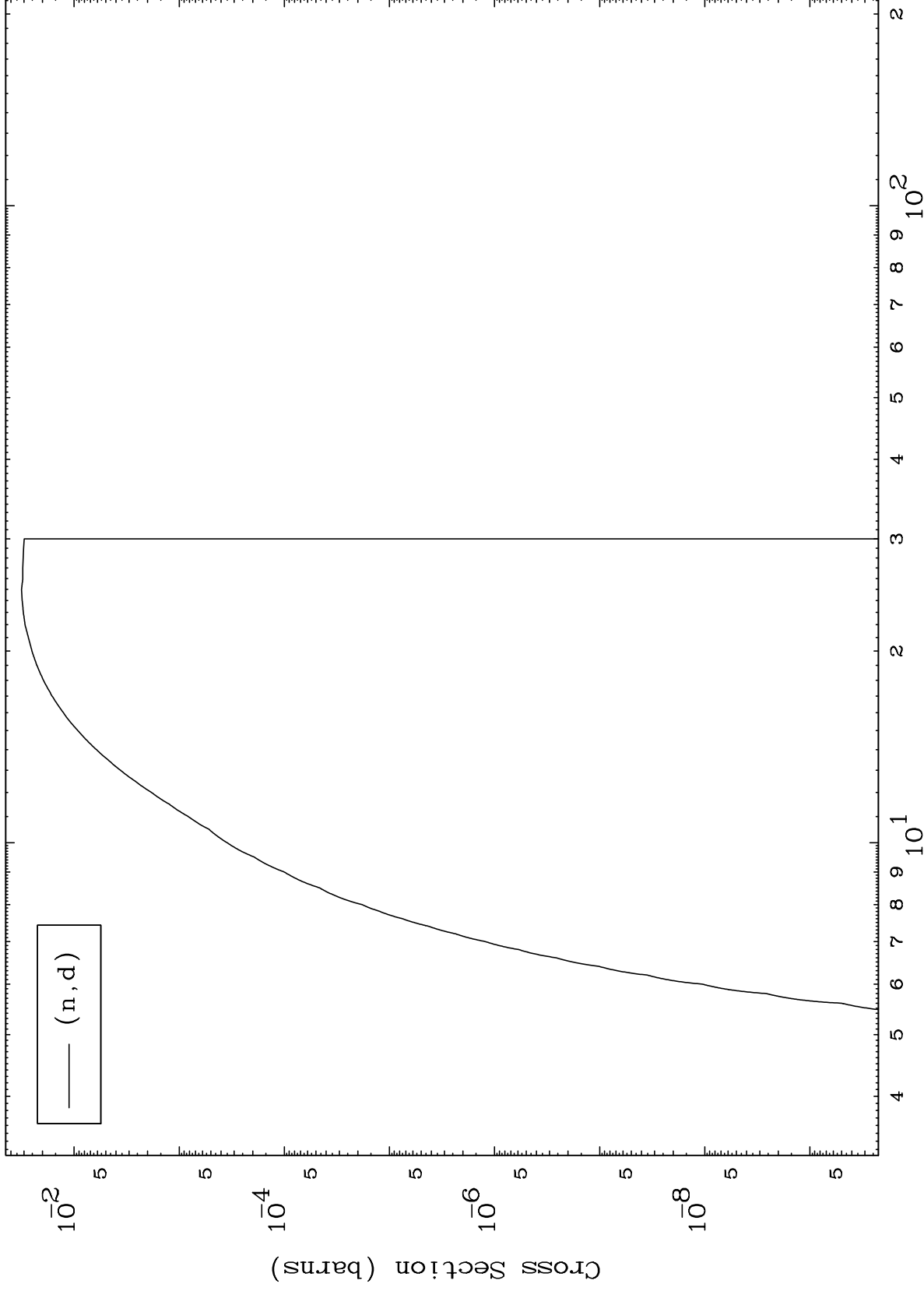
48-Cd-102



MAT 4813

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-102



14

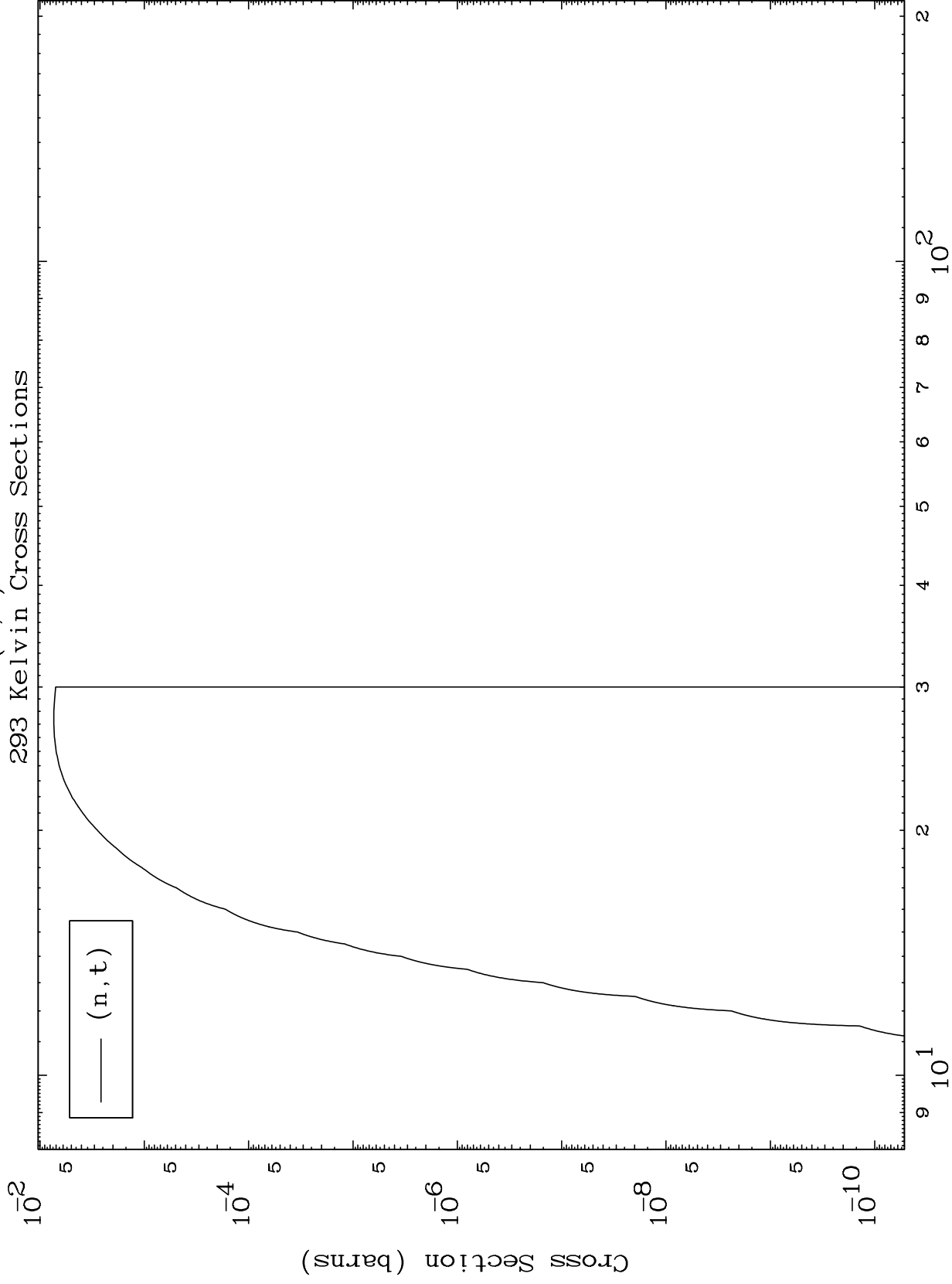
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-102



15

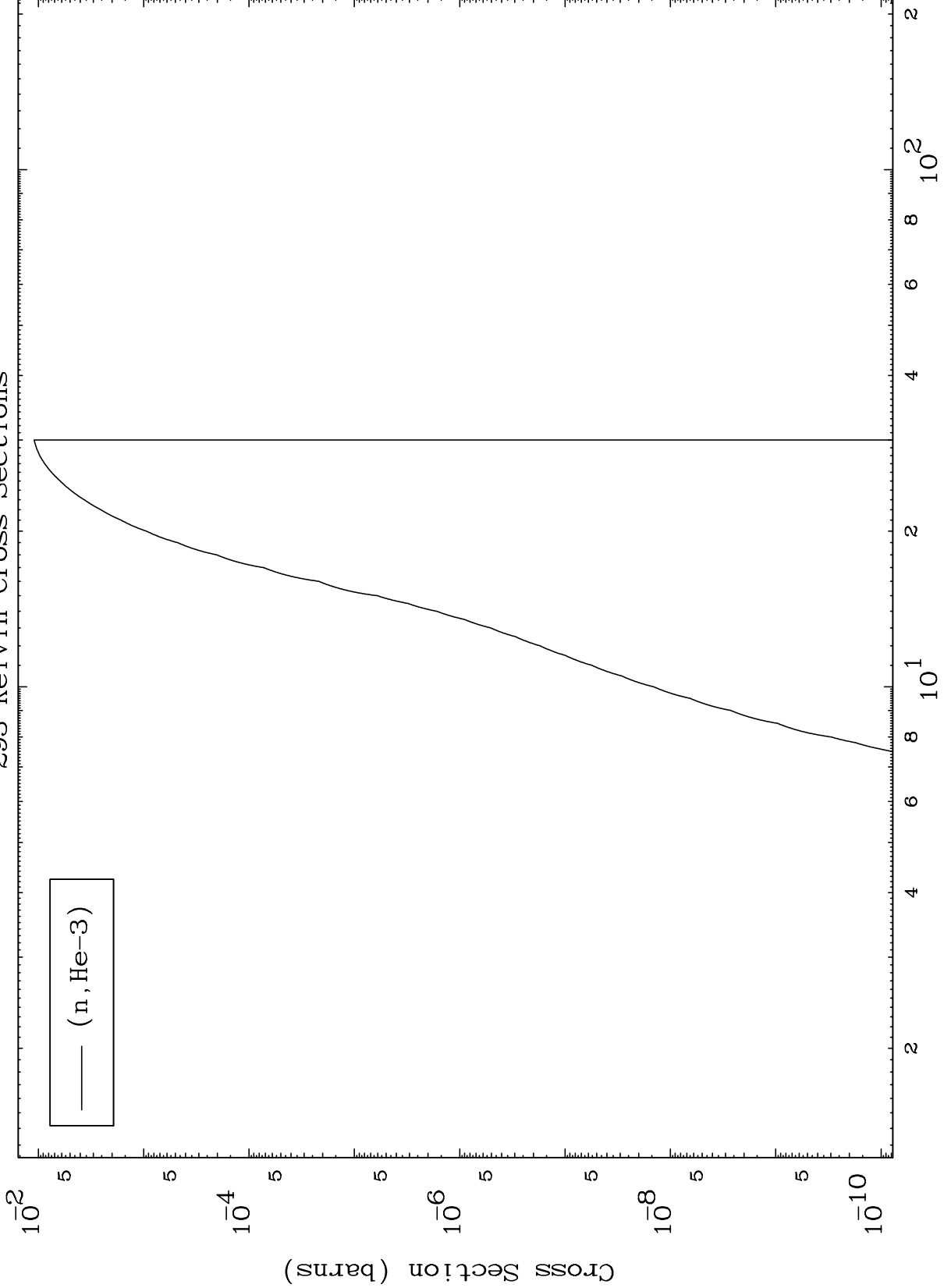
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-102



16

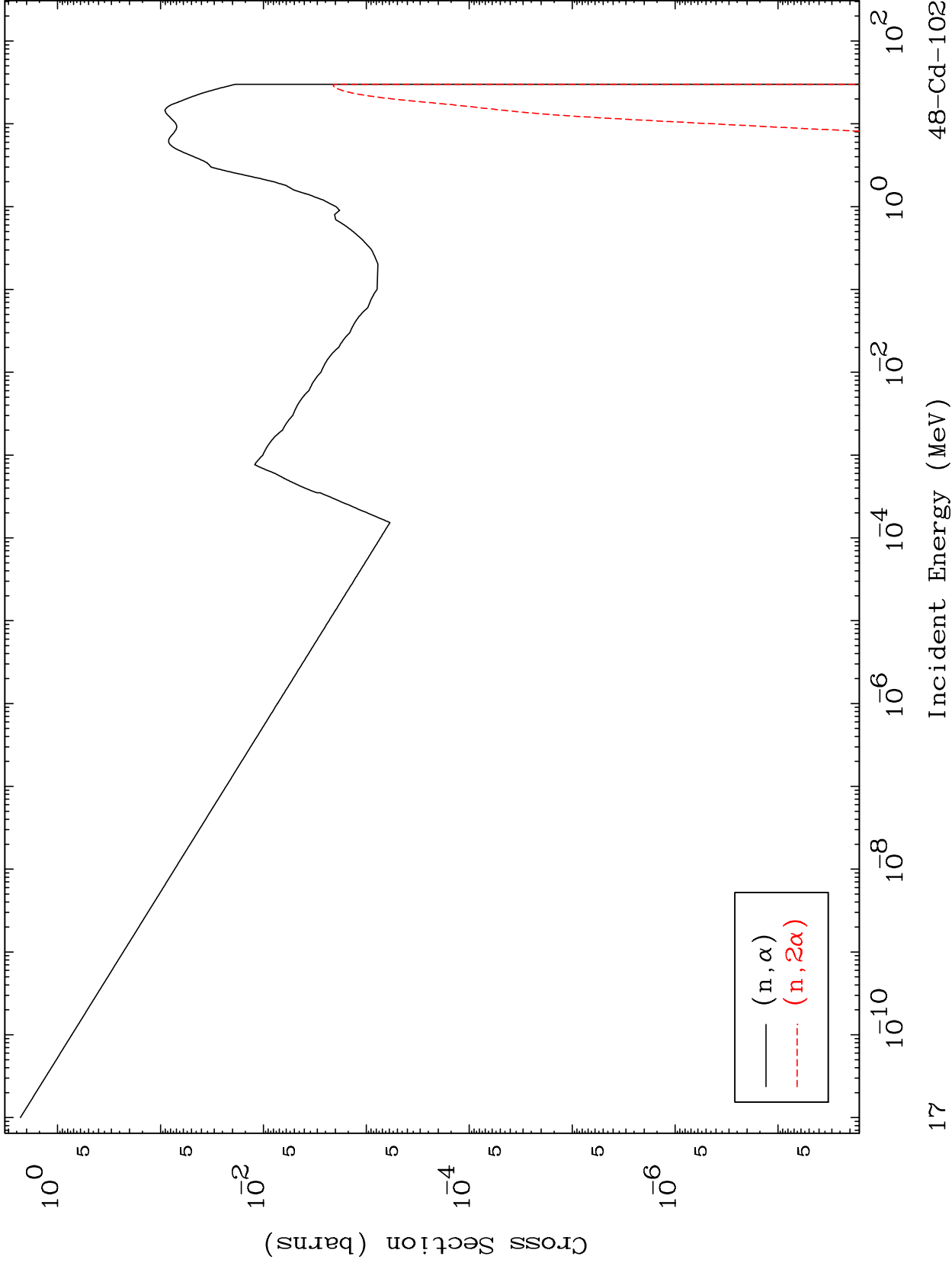
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,α) Levels
293 Kelvin Cross Sections

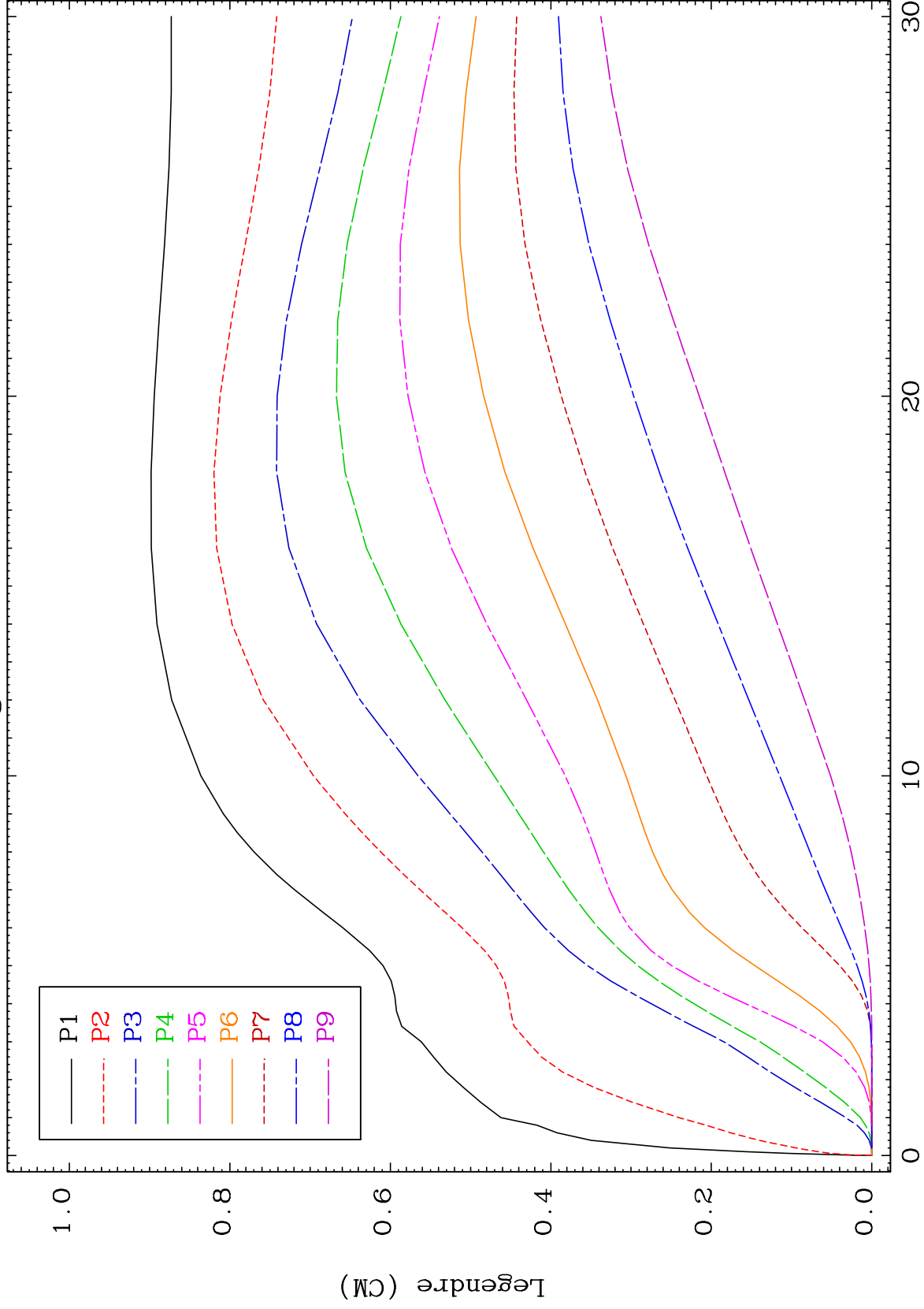
48-Cd-102



MAT 4813

Elastic Legendre Coefficients

48-Cd-102

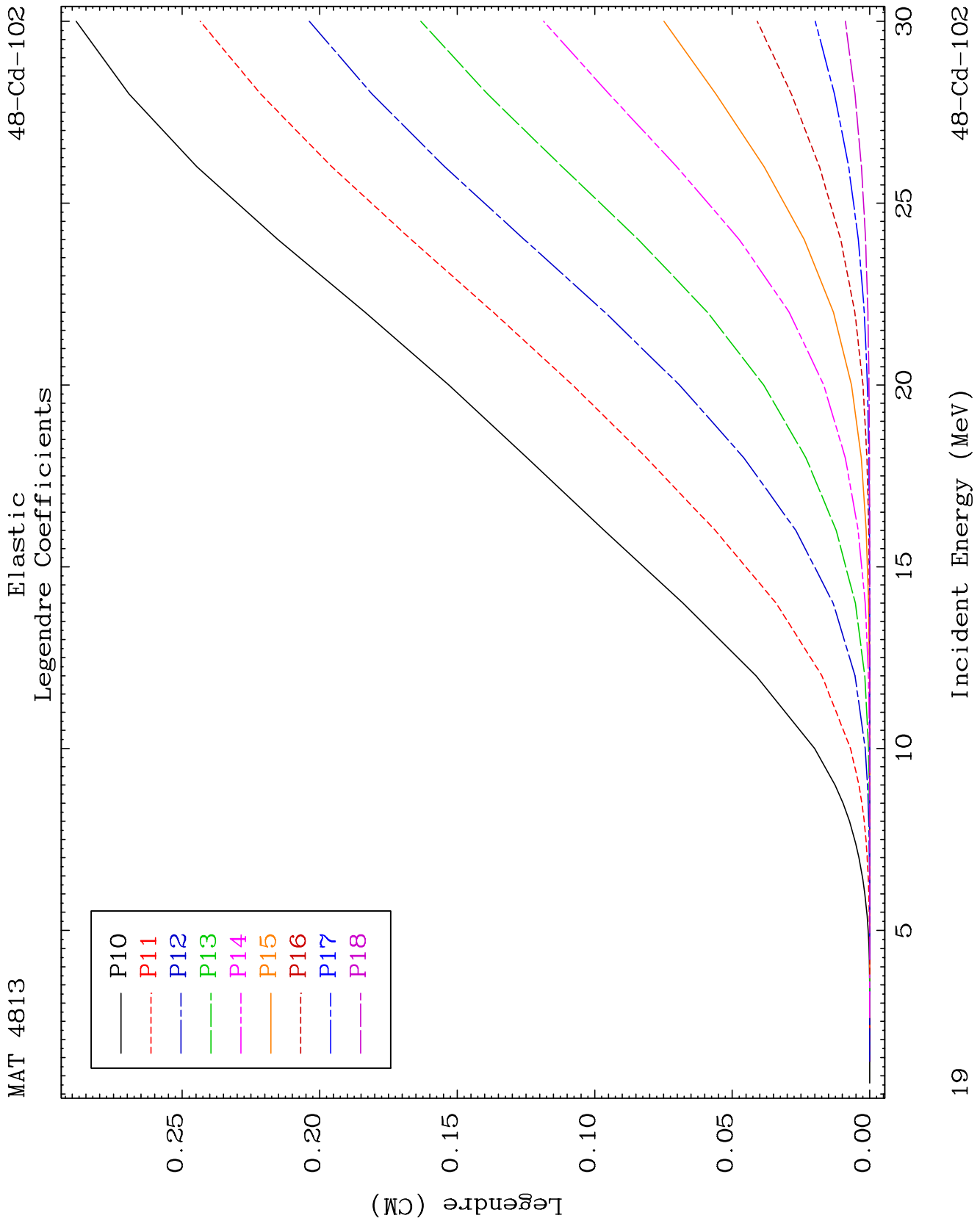


18

Incident Energy (MeV)

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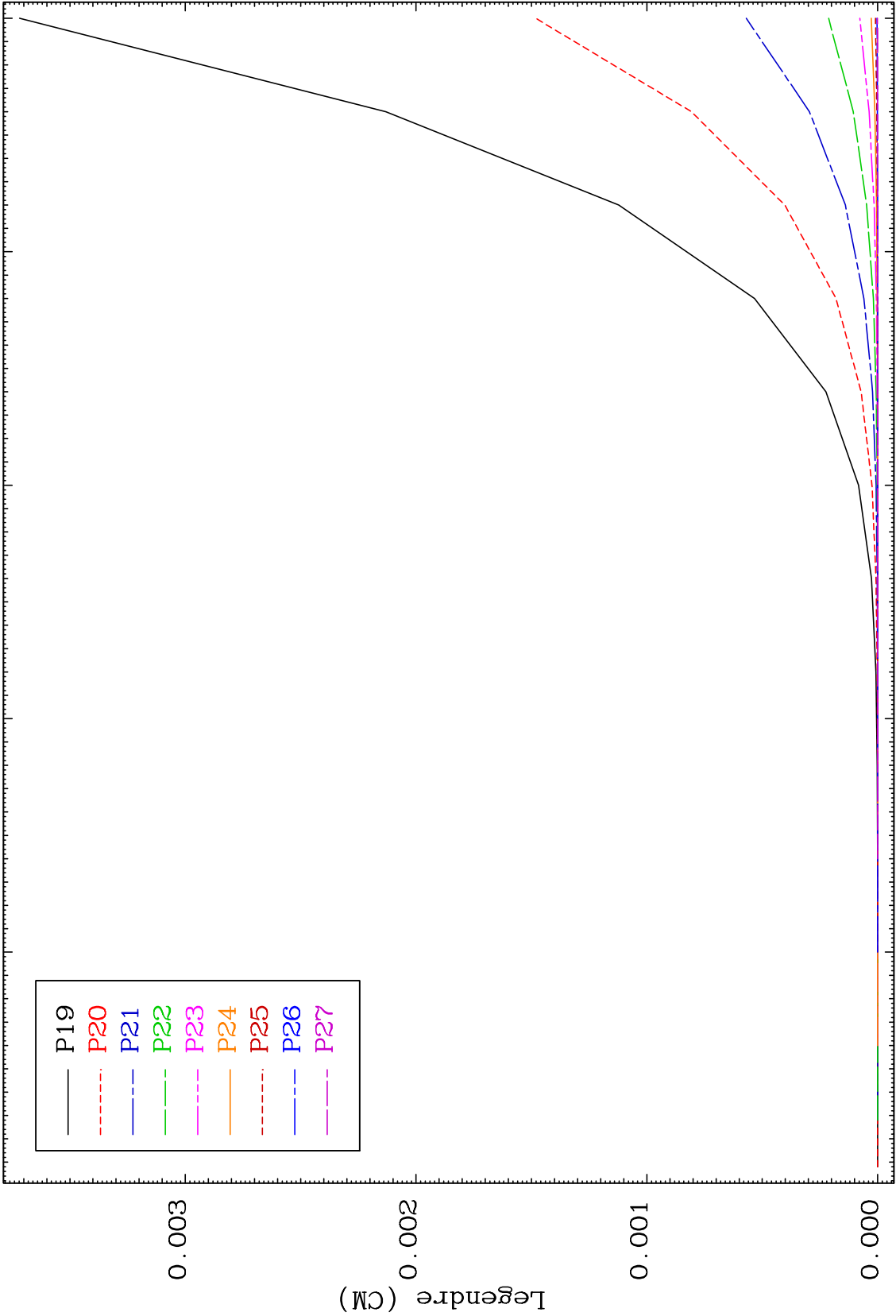
30



MAT 4813

Elastic Legendre Coefficients

48-Cd-102



- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

20

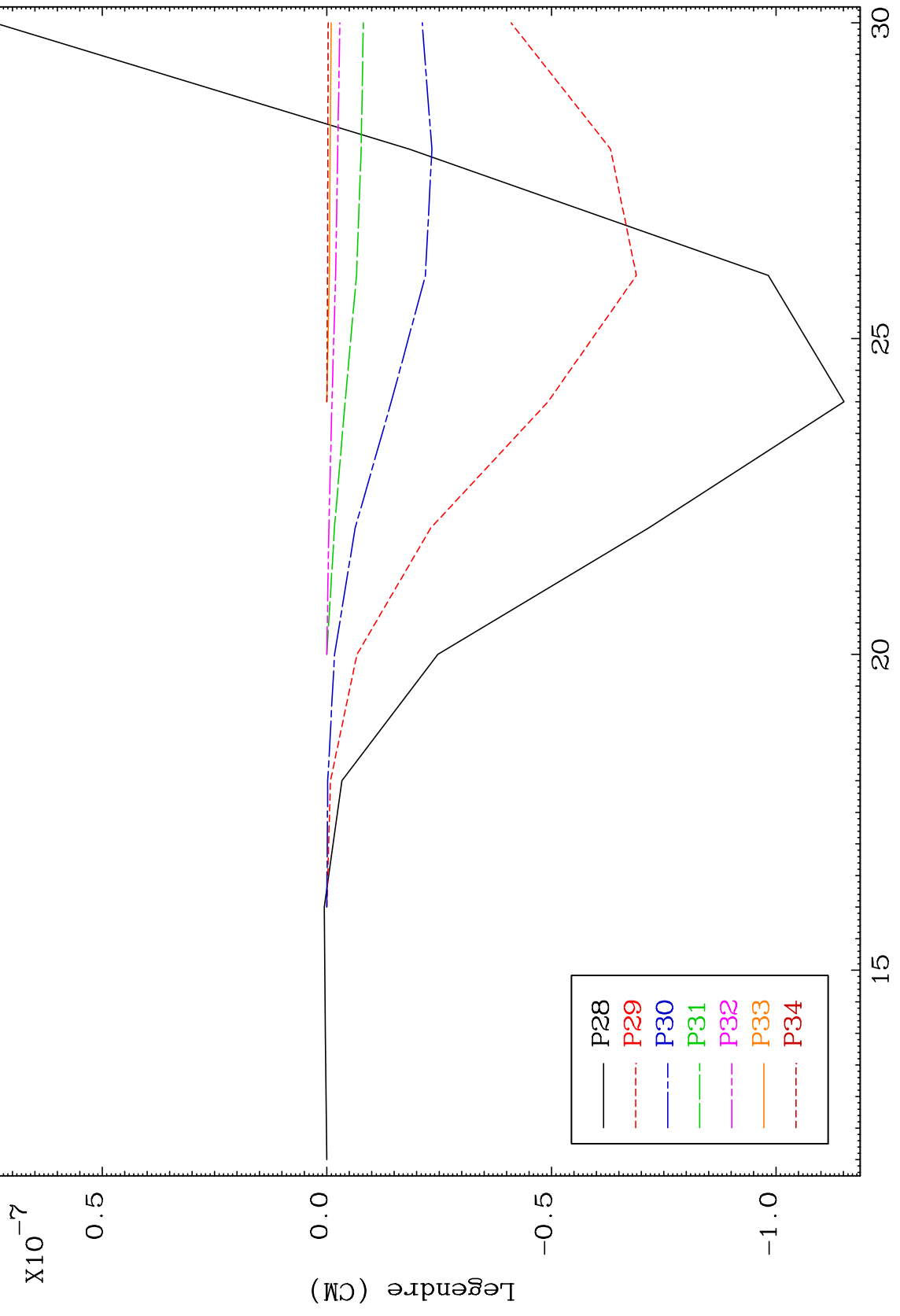
Incident Energy (MeV)

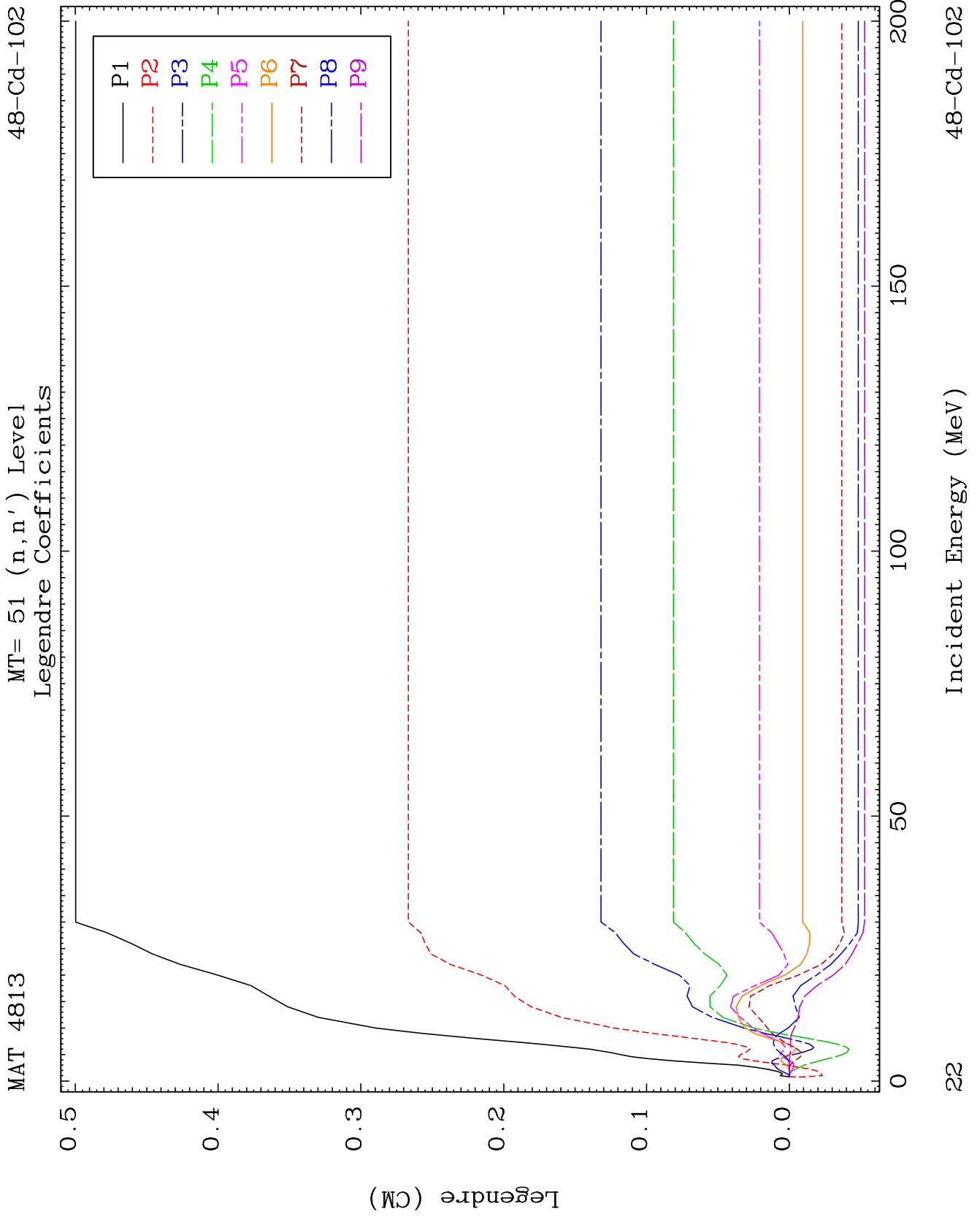
48-Cd-102

MAT 4813

Elastic Legendre Coefficients

48-Cd-102

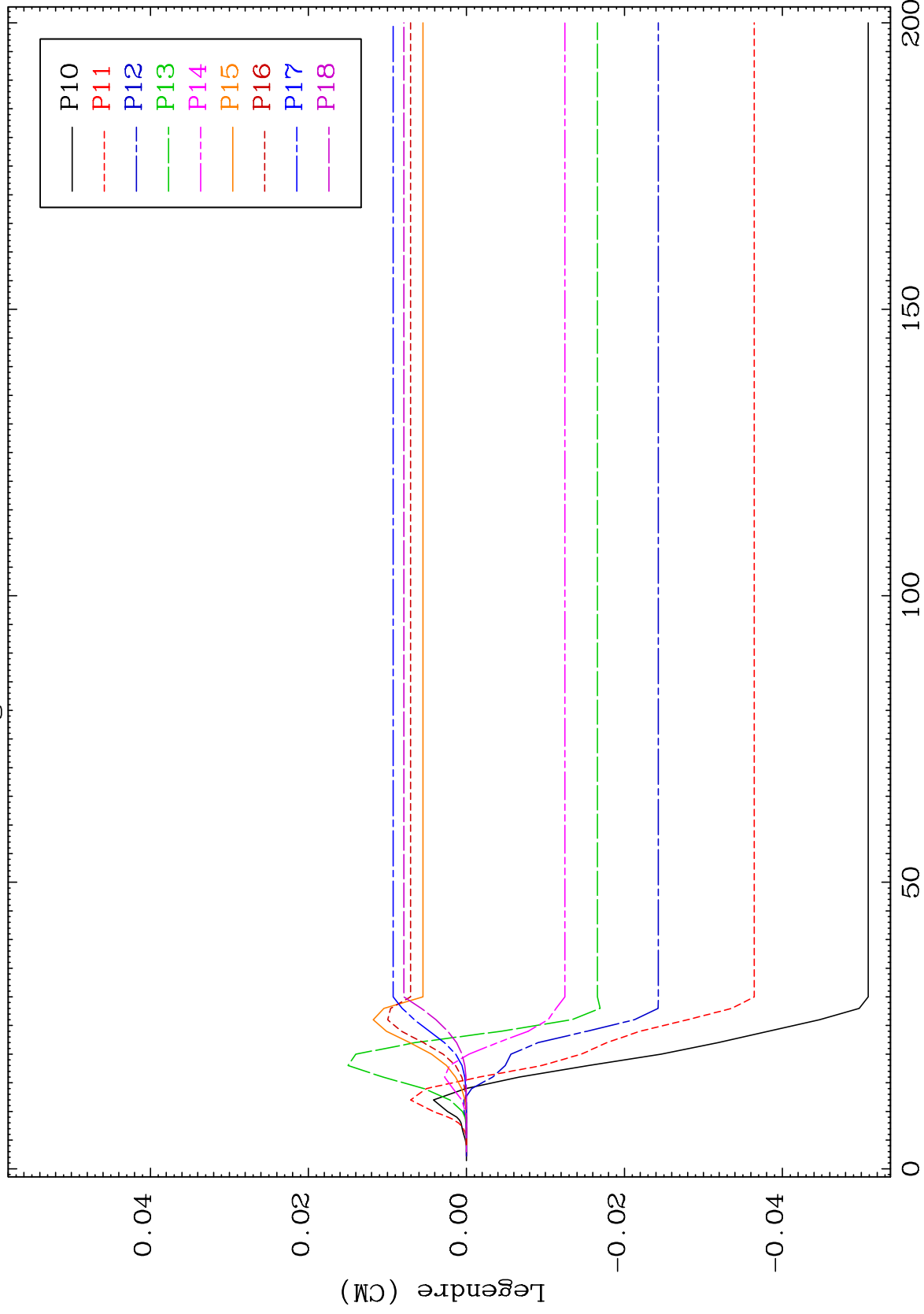




MAT 4813

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

48-Cd-102



23

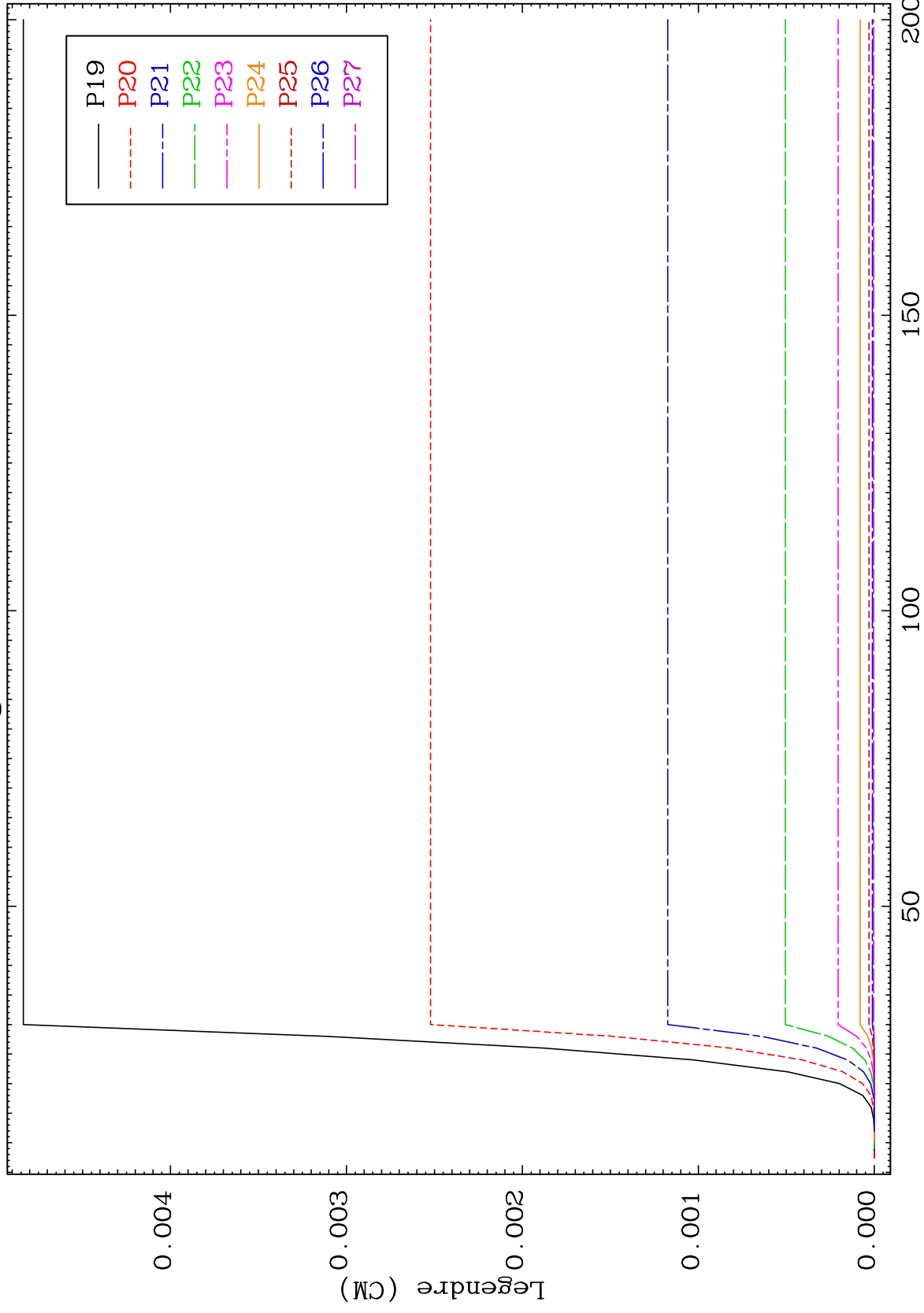
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

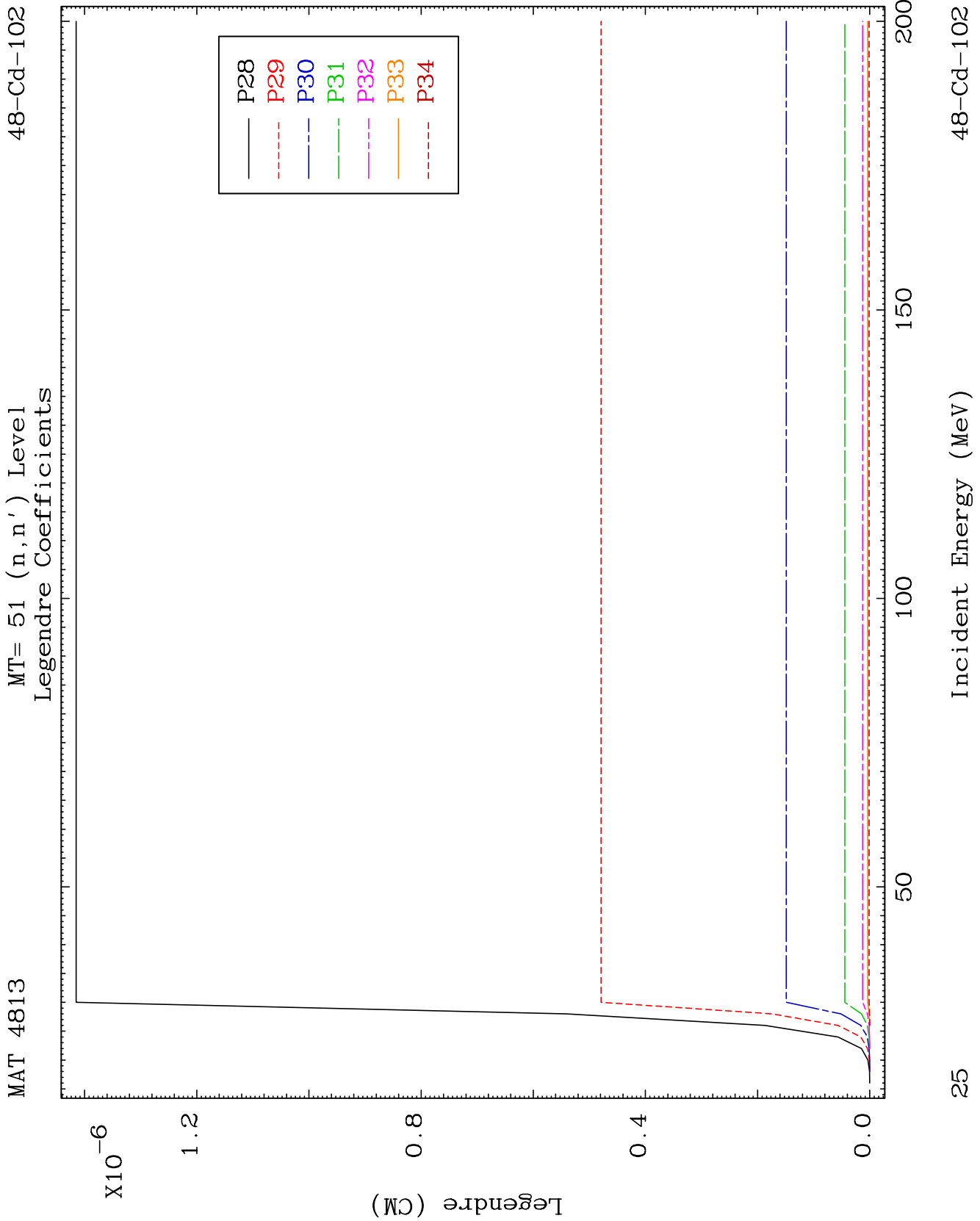
48-Cd-102



24

Incident Energy (MeV)

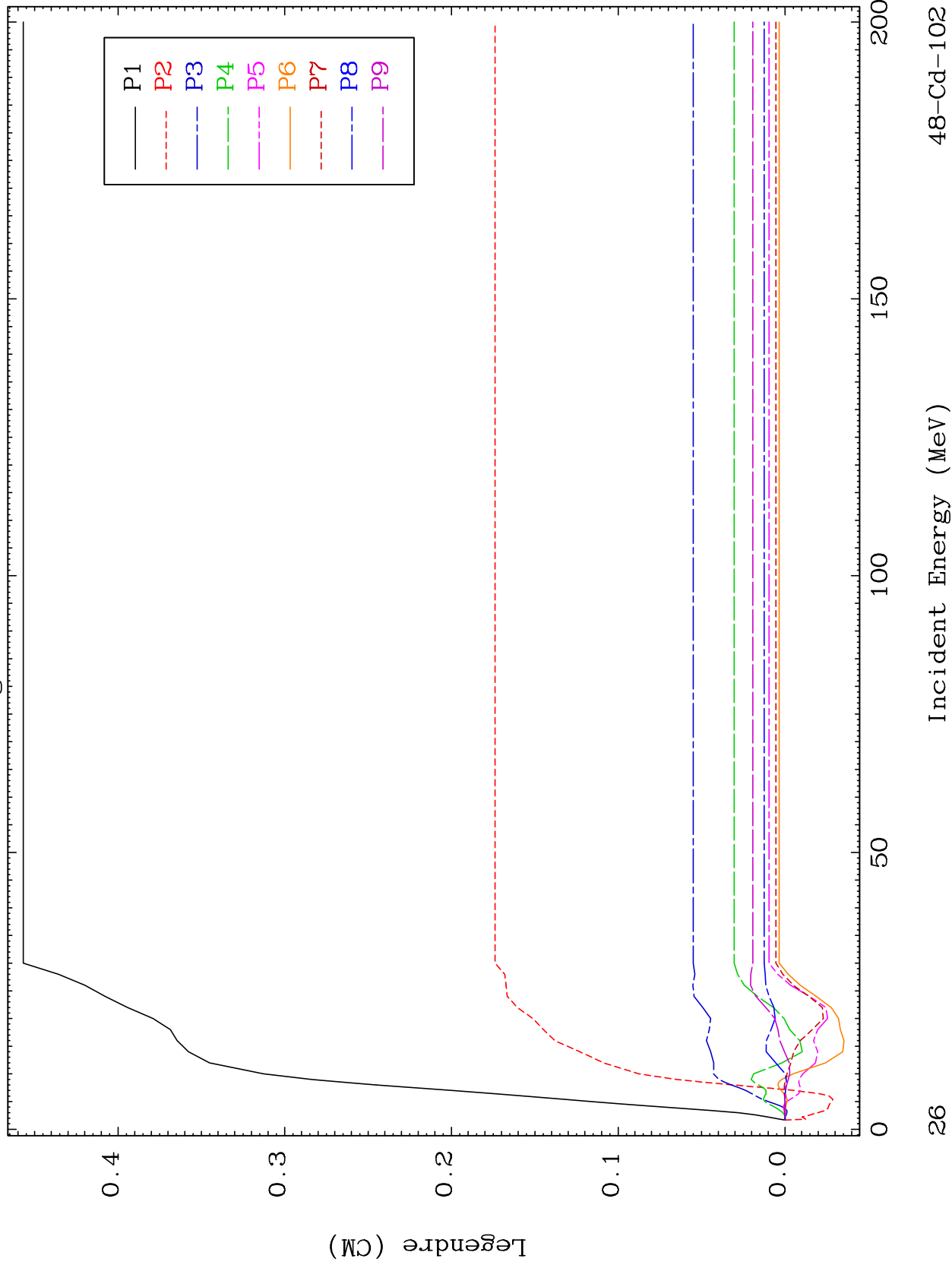
48-Cd-102



MAT 4813

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

48-Cd-102



48-Cd-102

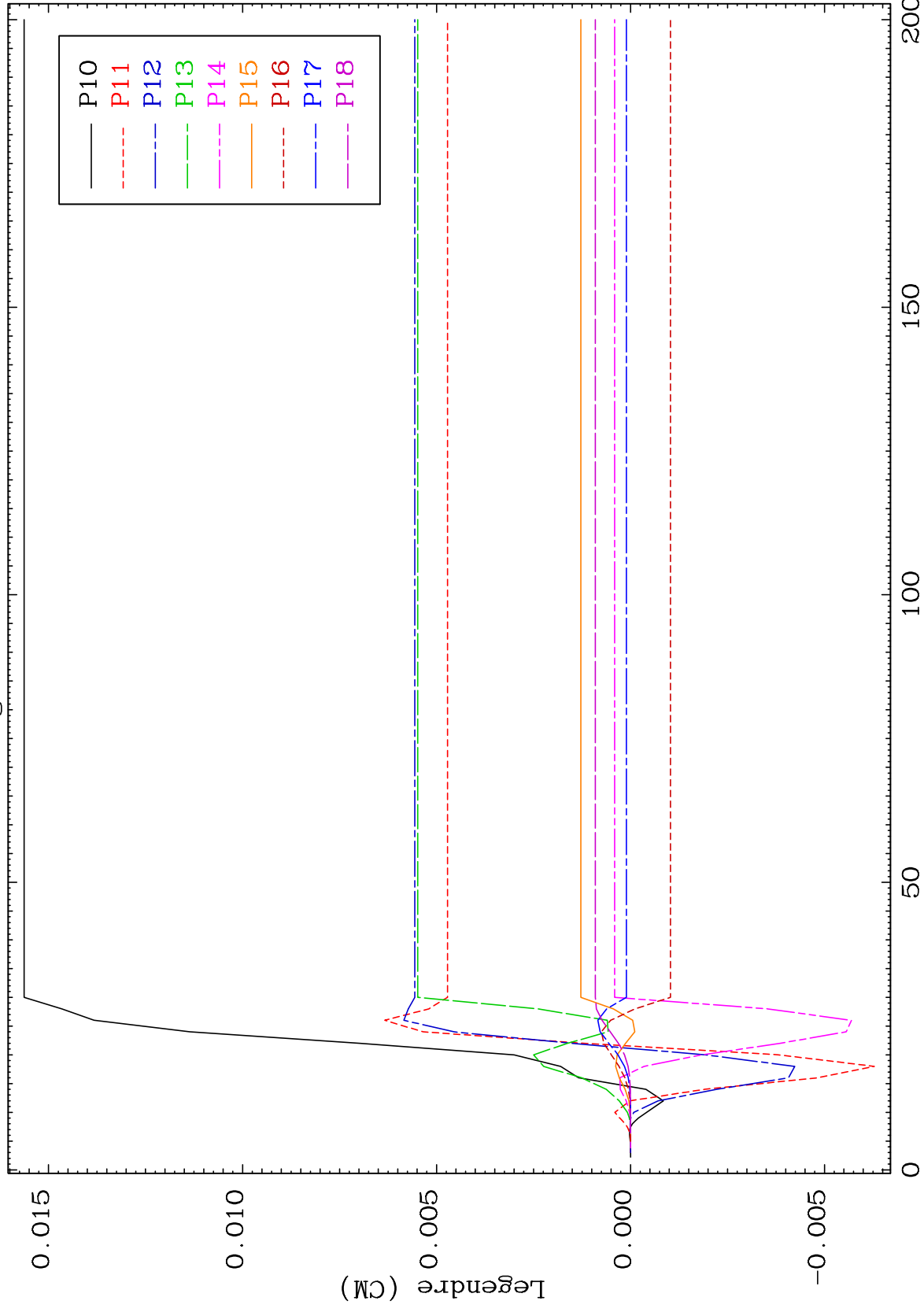
Incident Energy (MeV)

26

MAT 4813

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

48-Cd-102



27

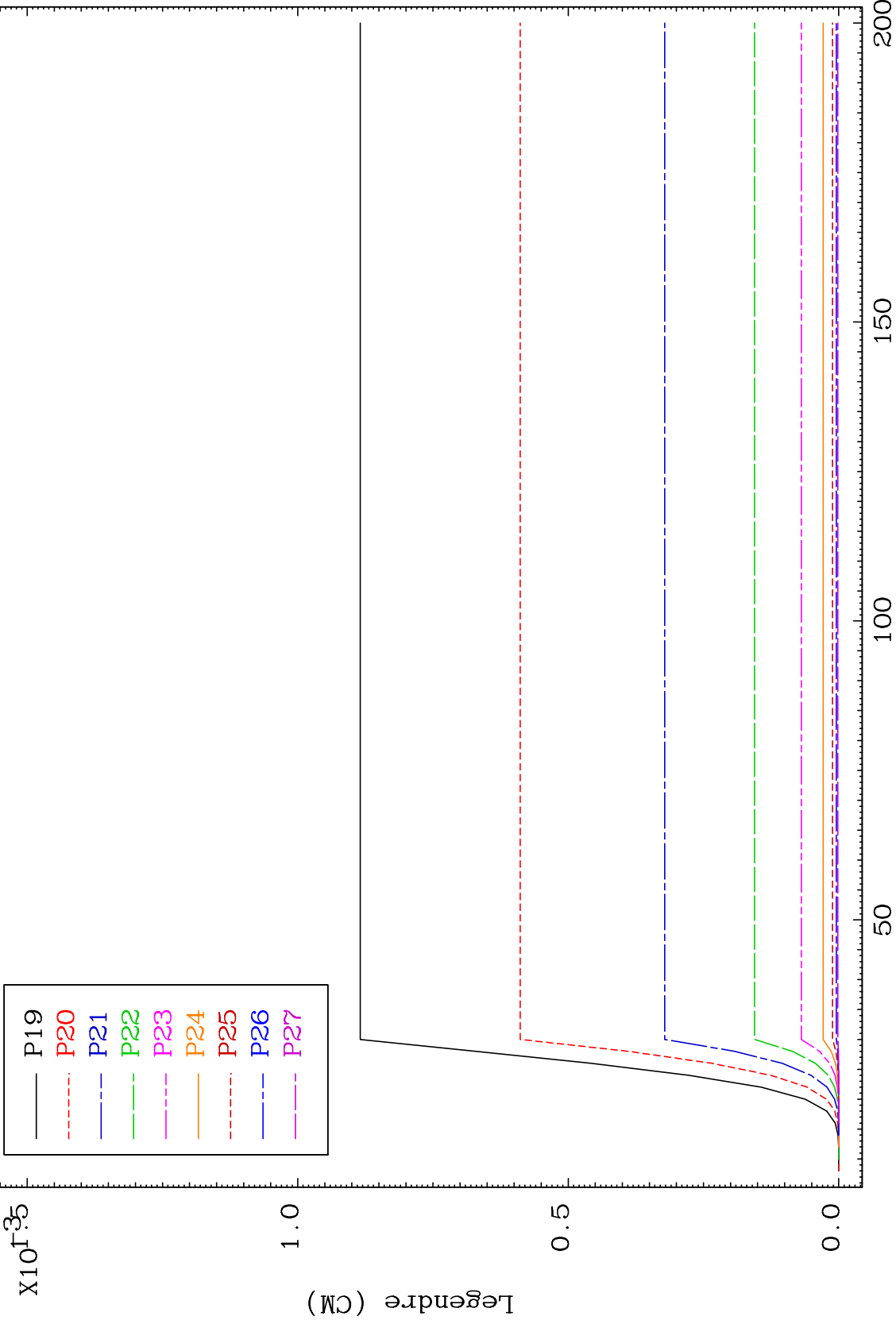
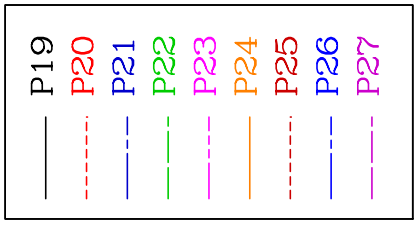
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



28

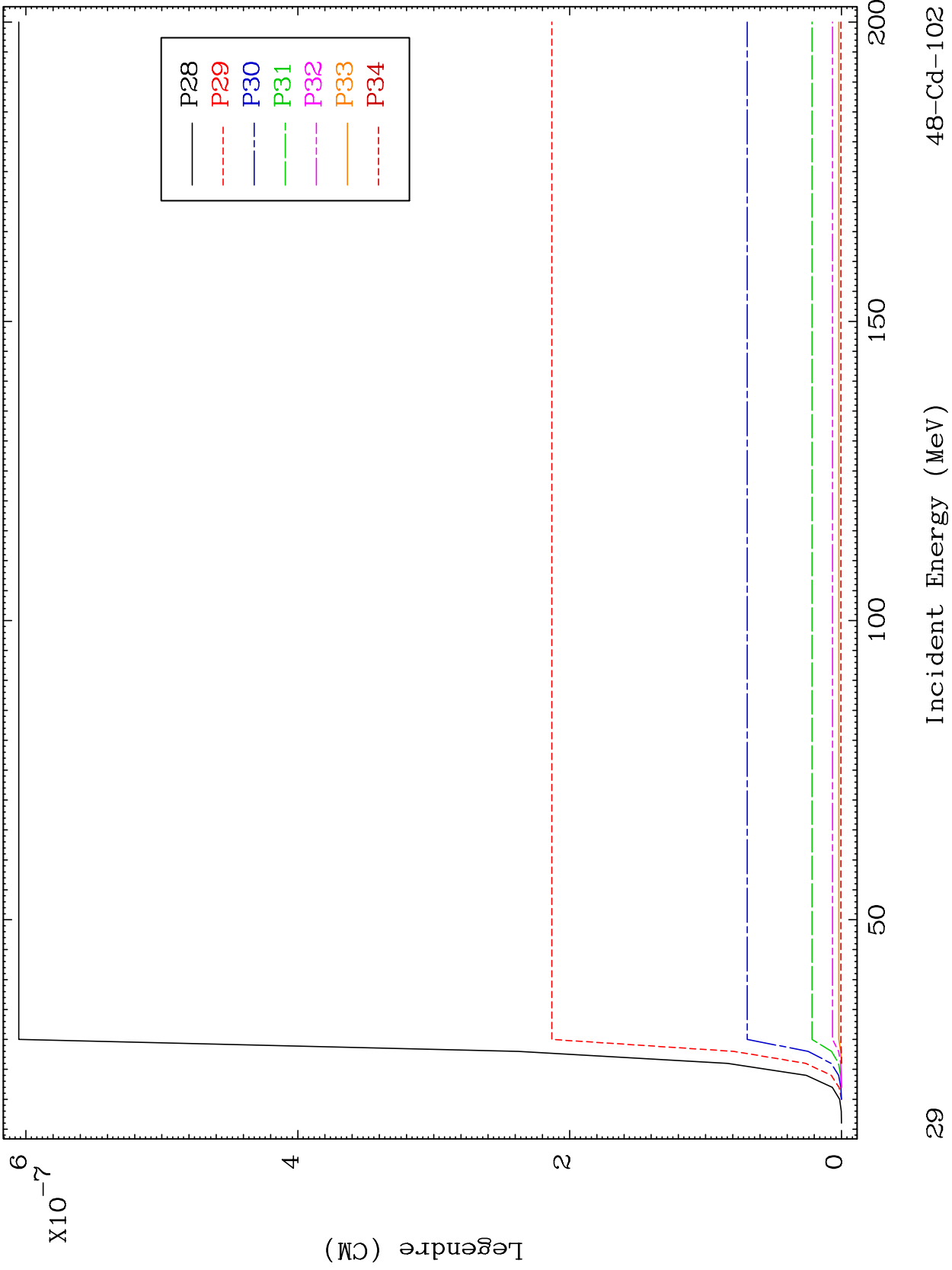
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



29

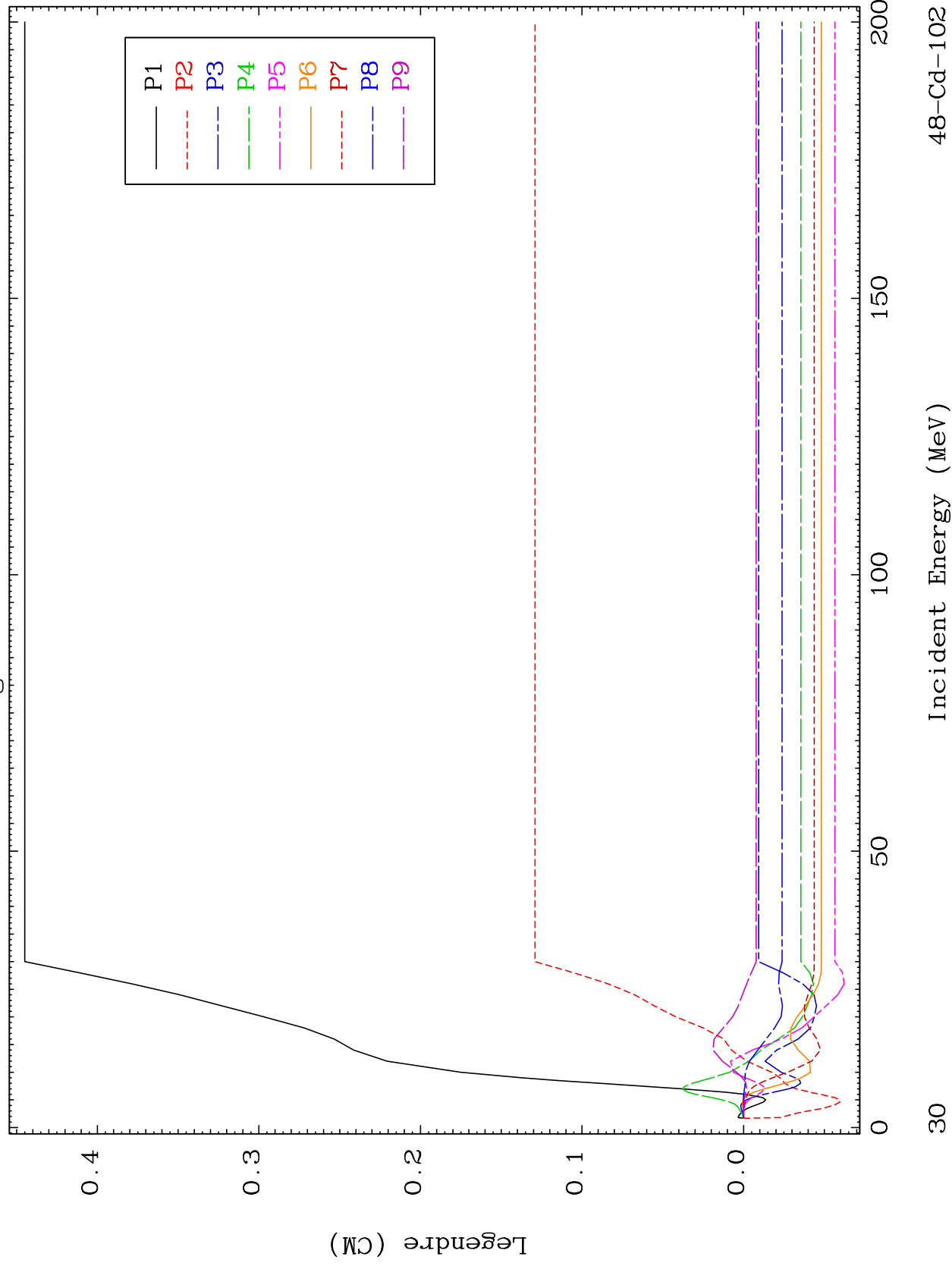
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



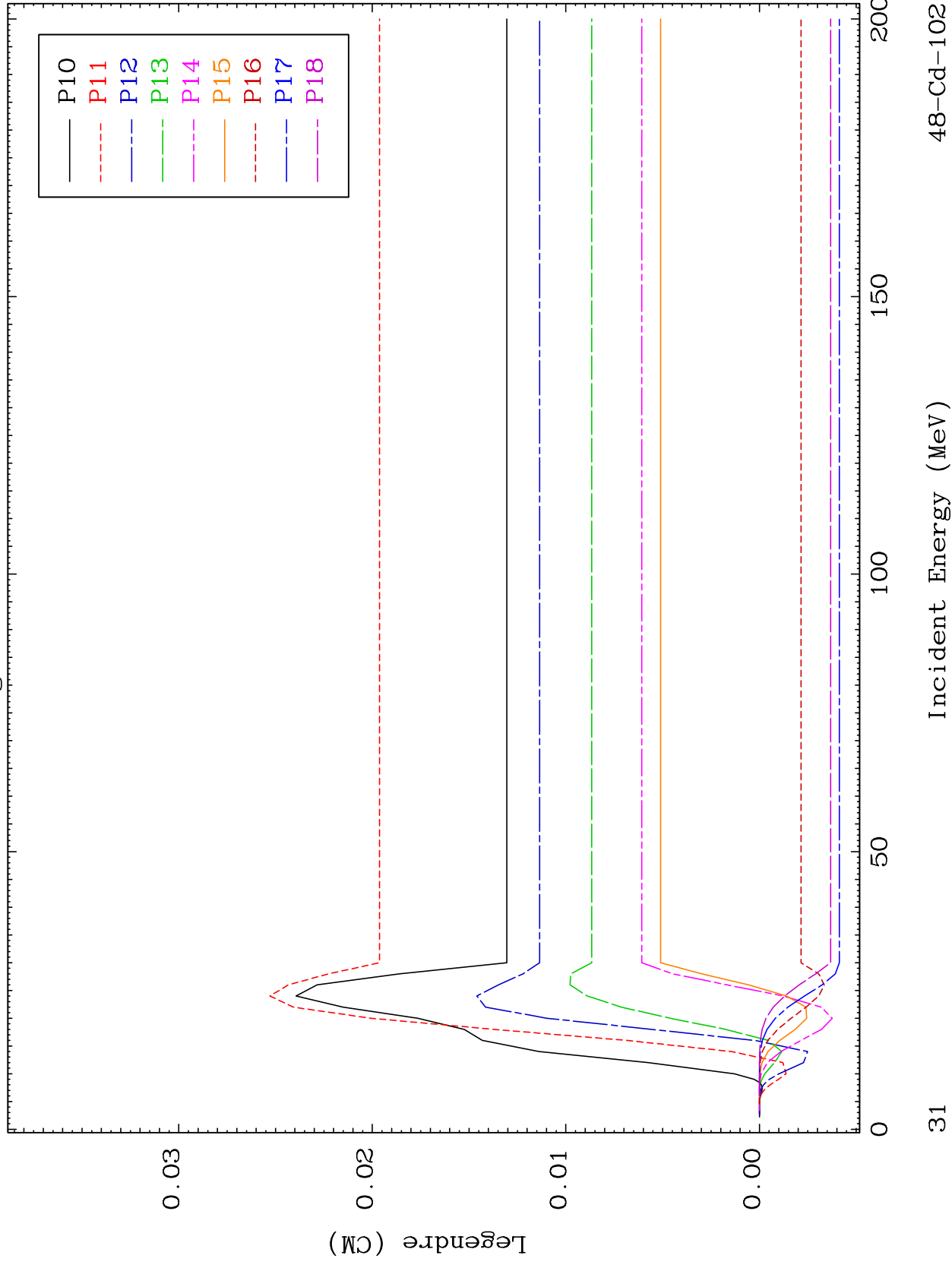
48-Cd-102

Incident Energy (MeV)

MAT 4813

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

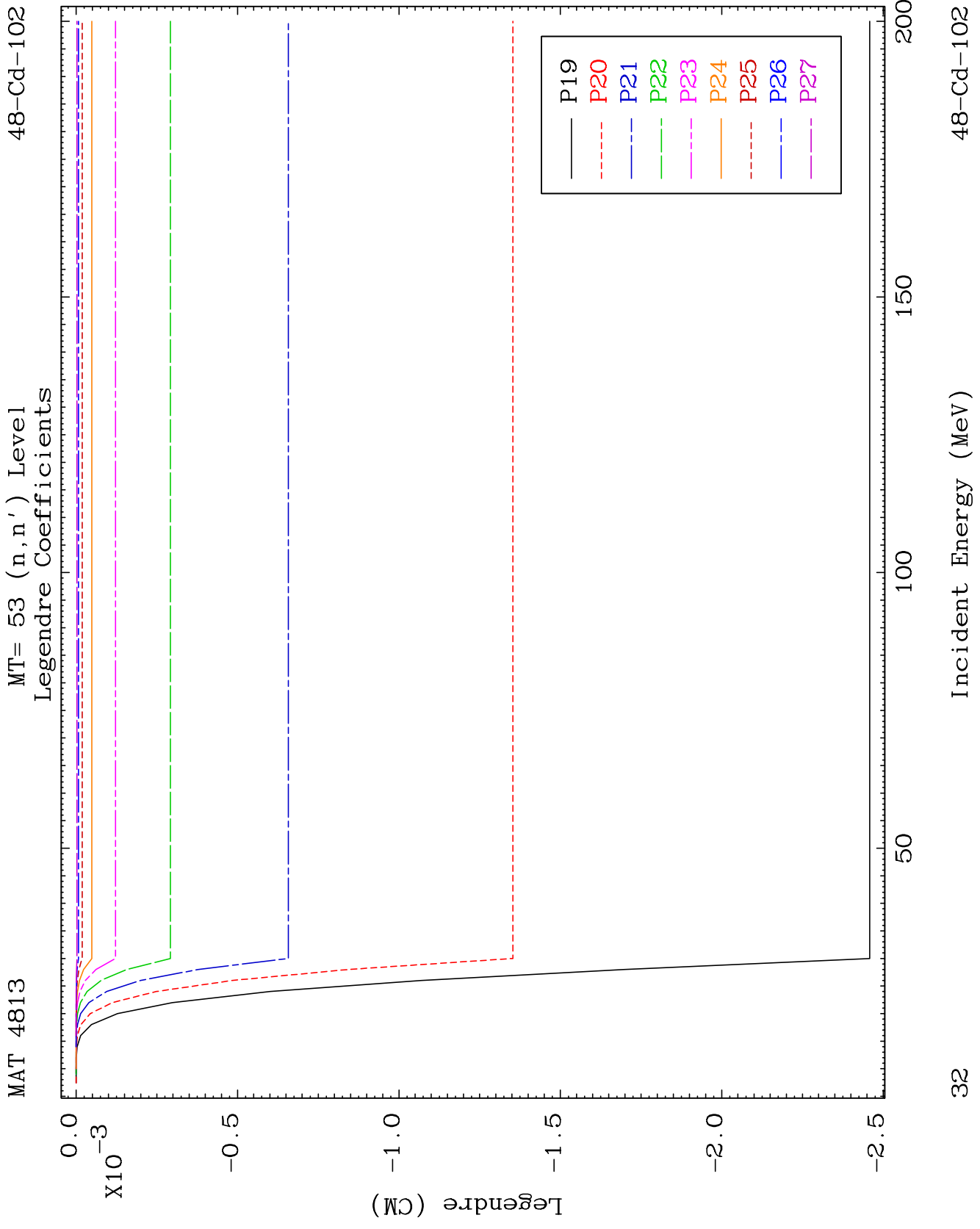
48-Cd-102



31

Incident Energy (MeV)

48-Cd-102

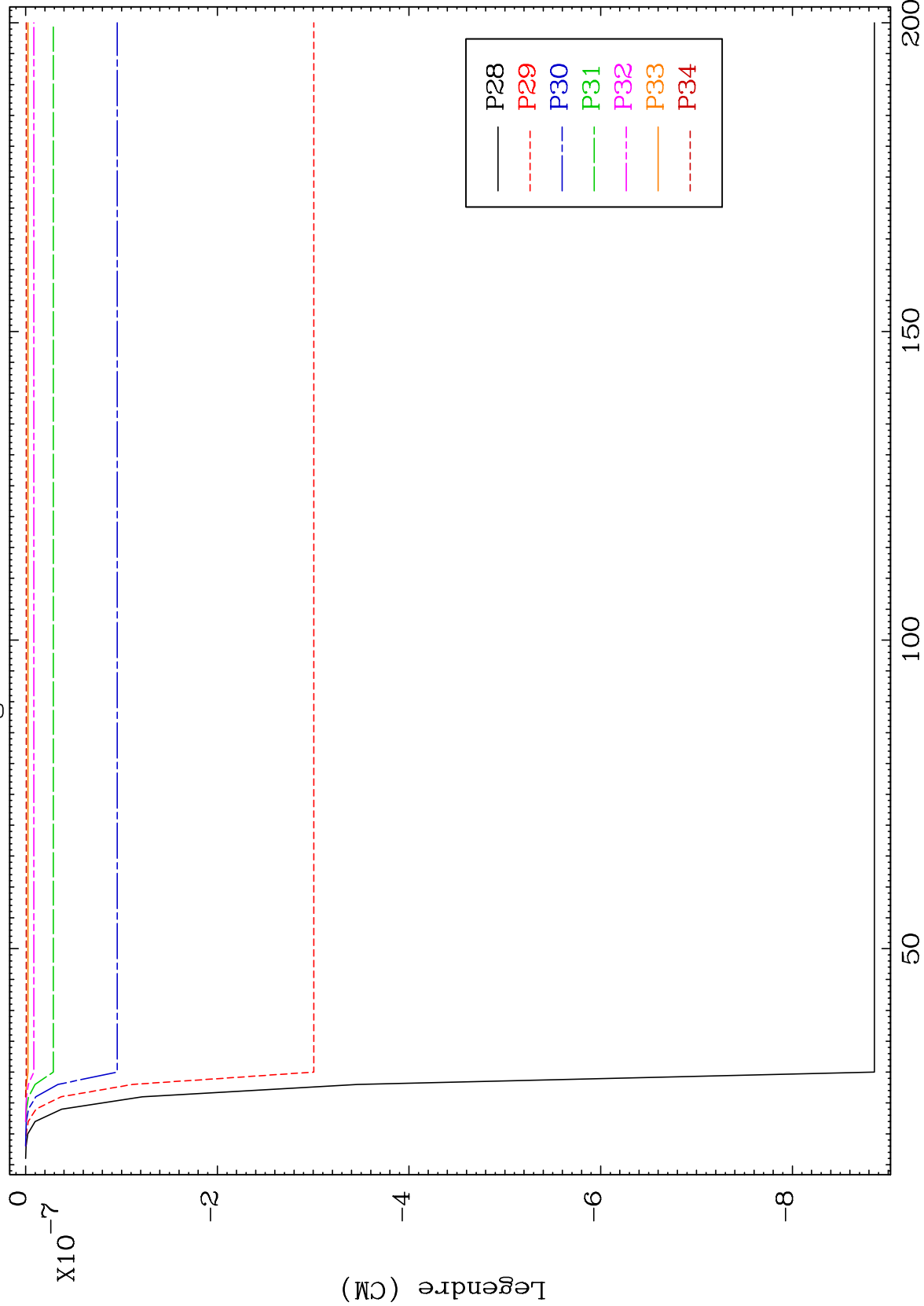


MAT 4813

MT= 53 (n,n') Level

48-Cd-102

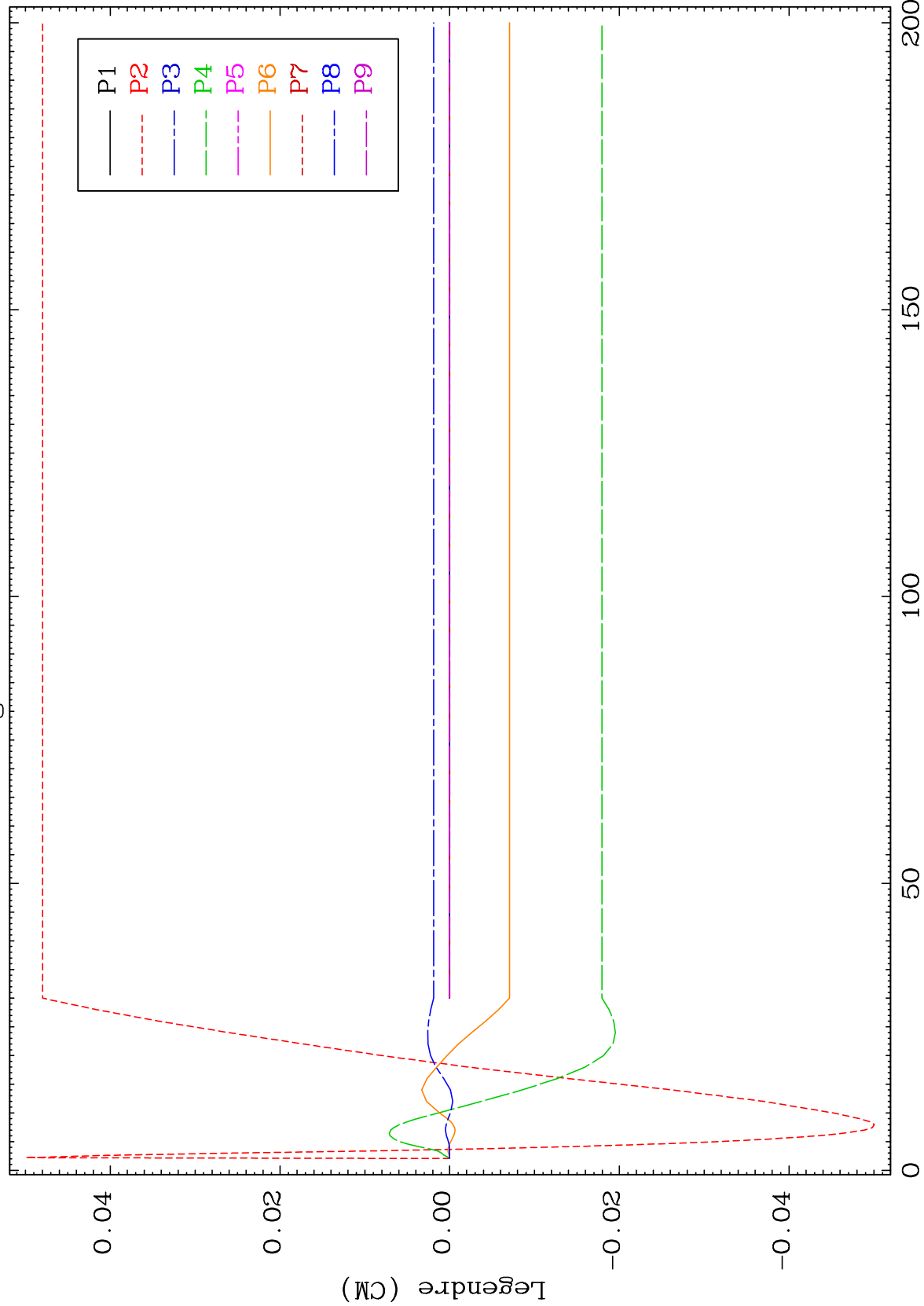
Legendre Coefficients



MAT 4813

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

48-Cd-102



34

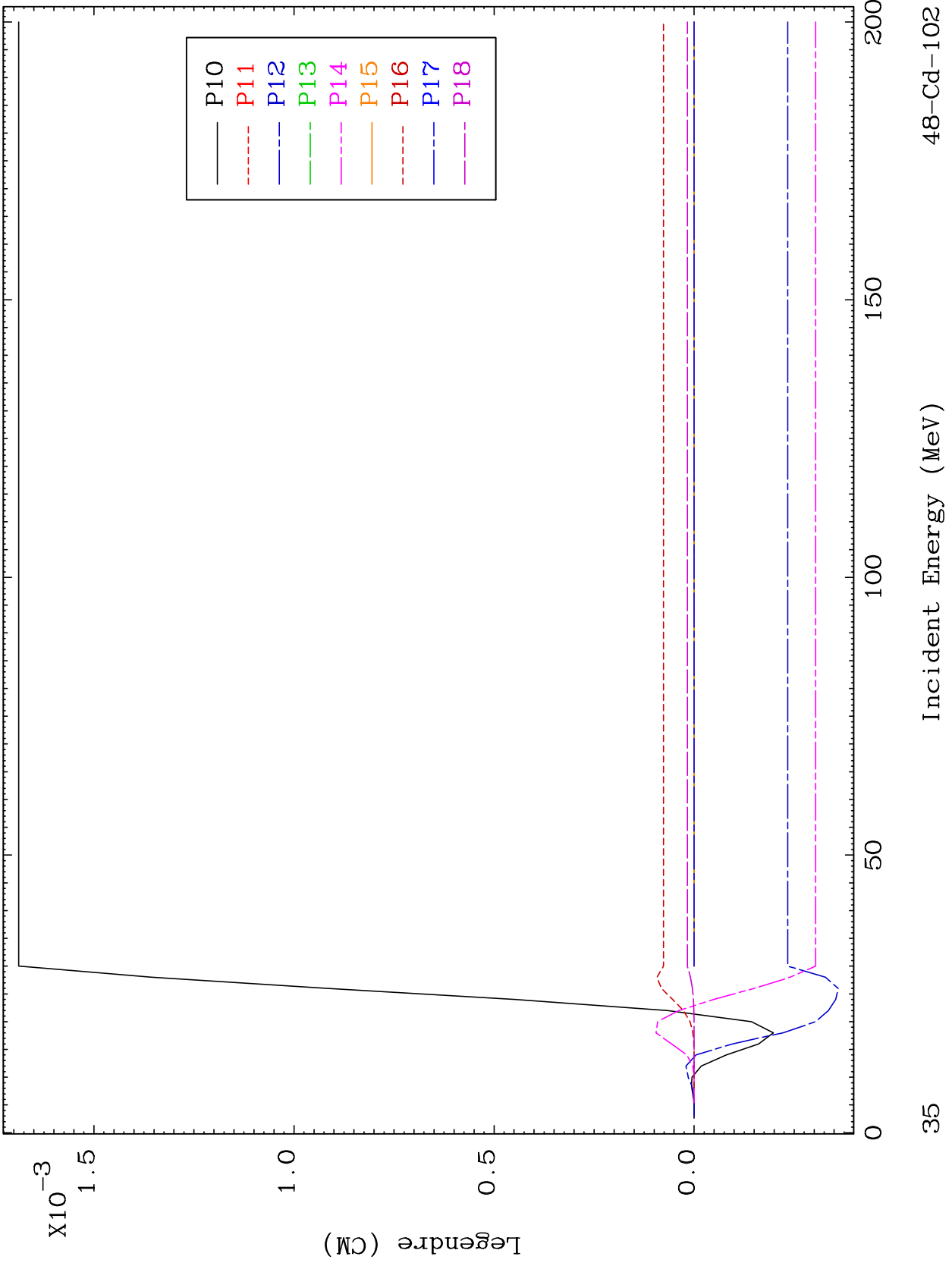
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



35

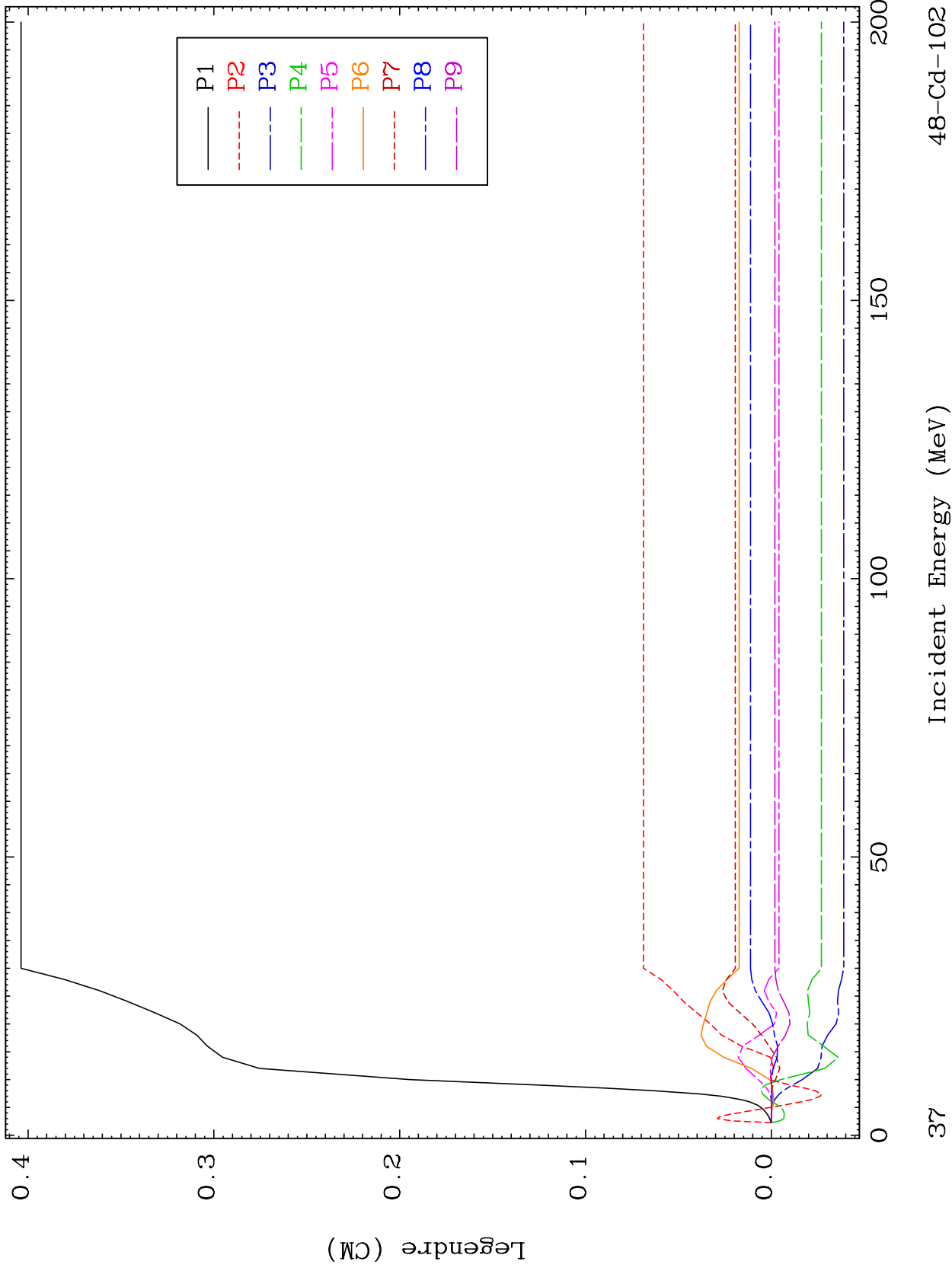
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



37

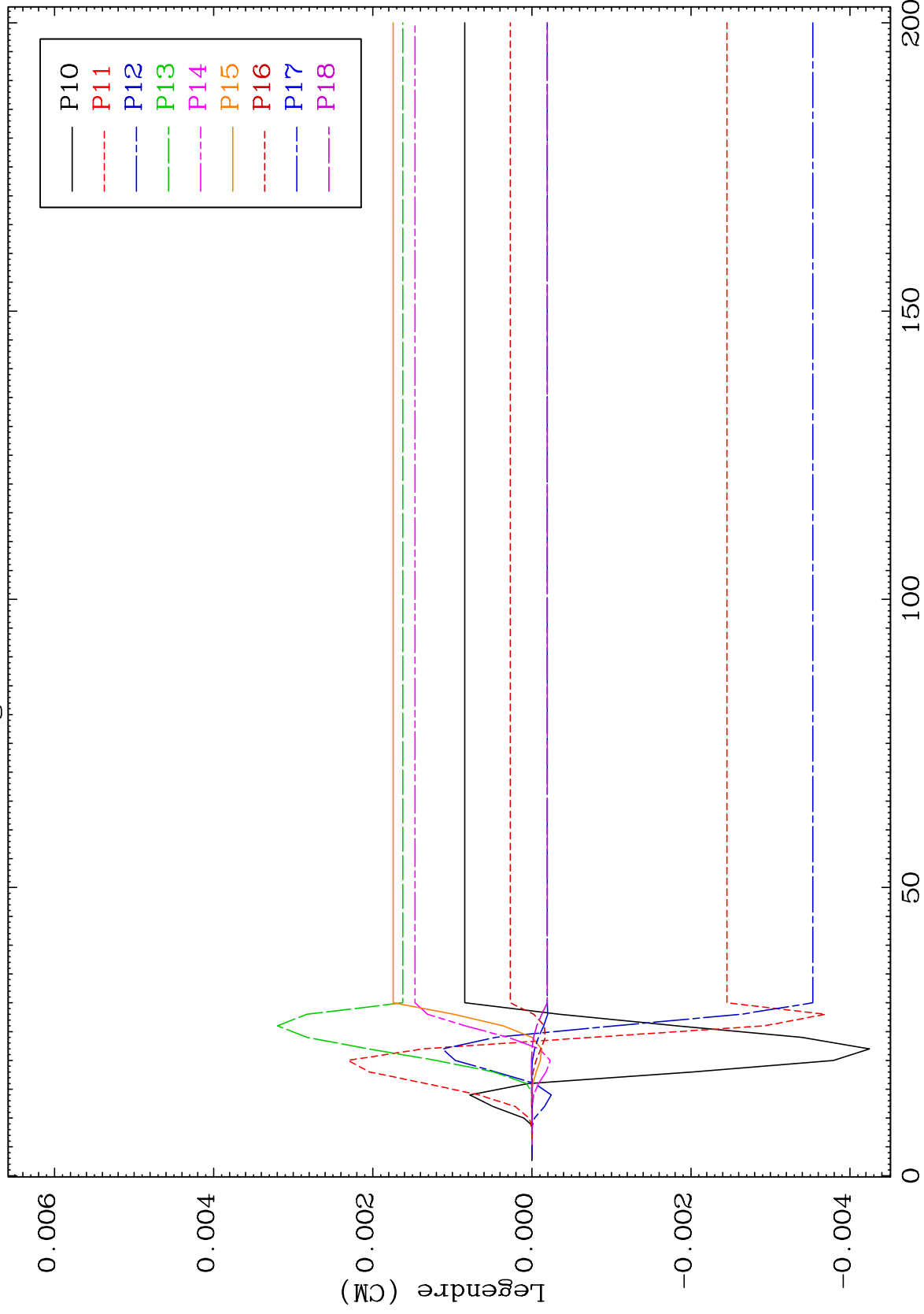
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



38

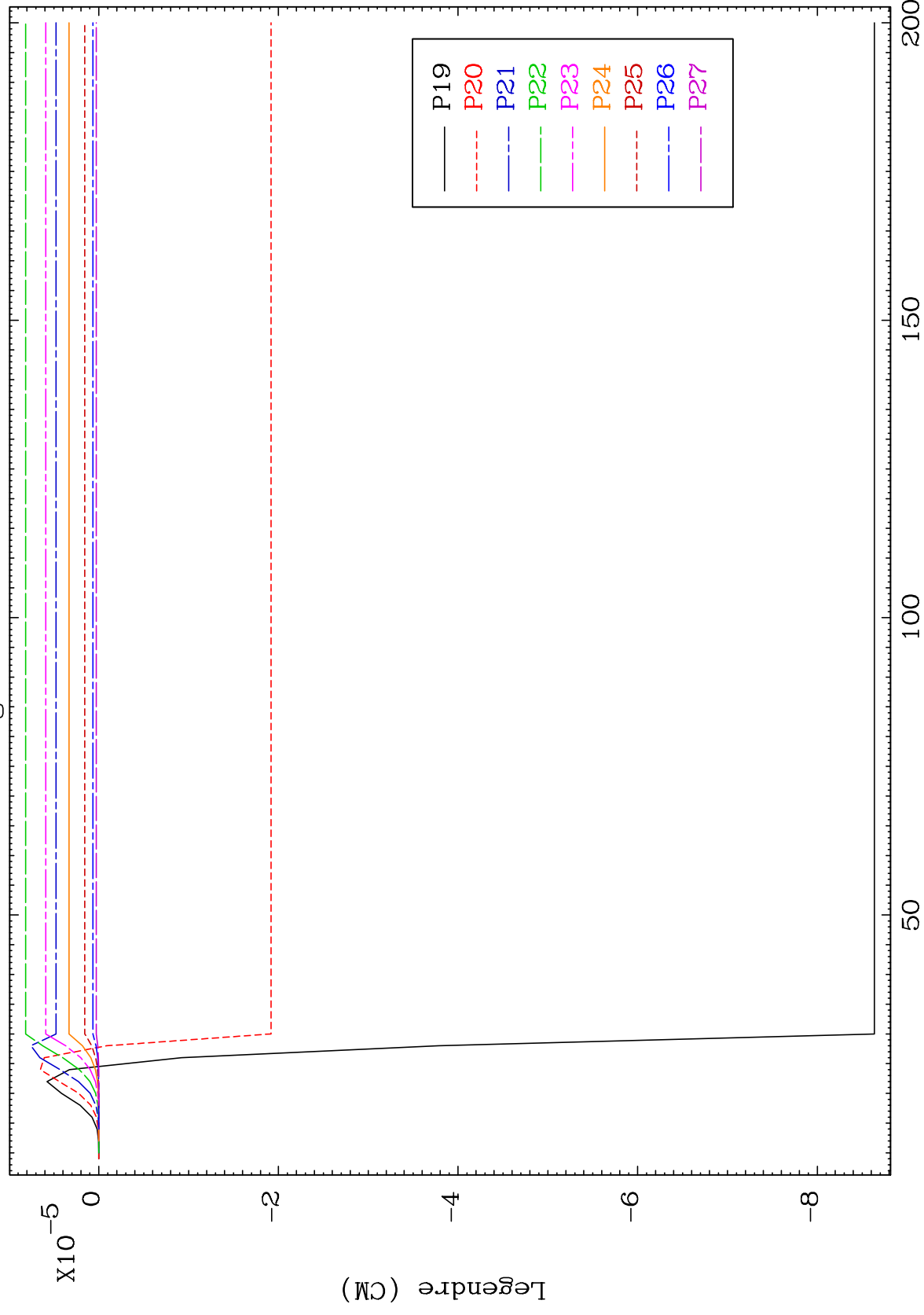
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



39

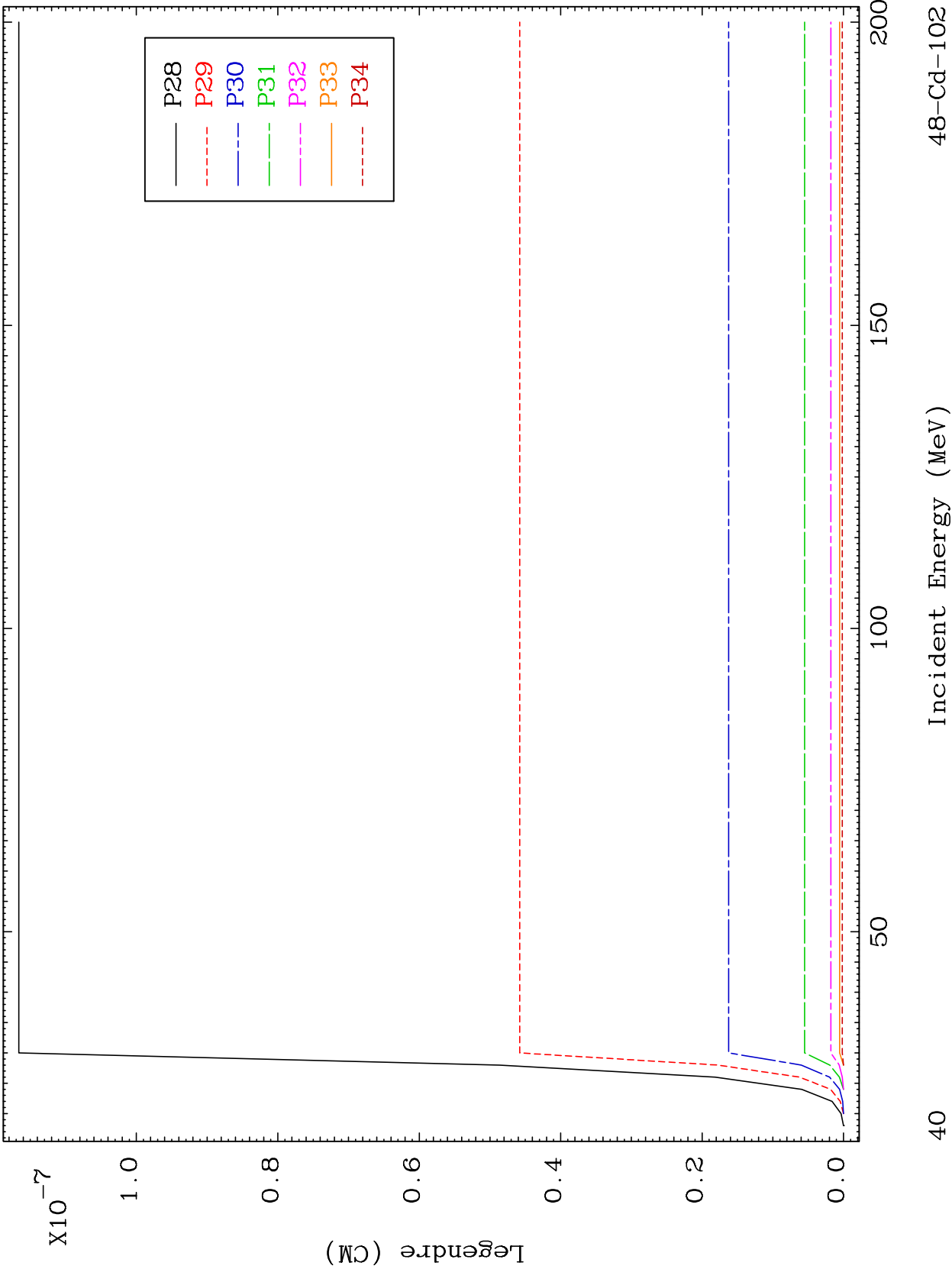
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

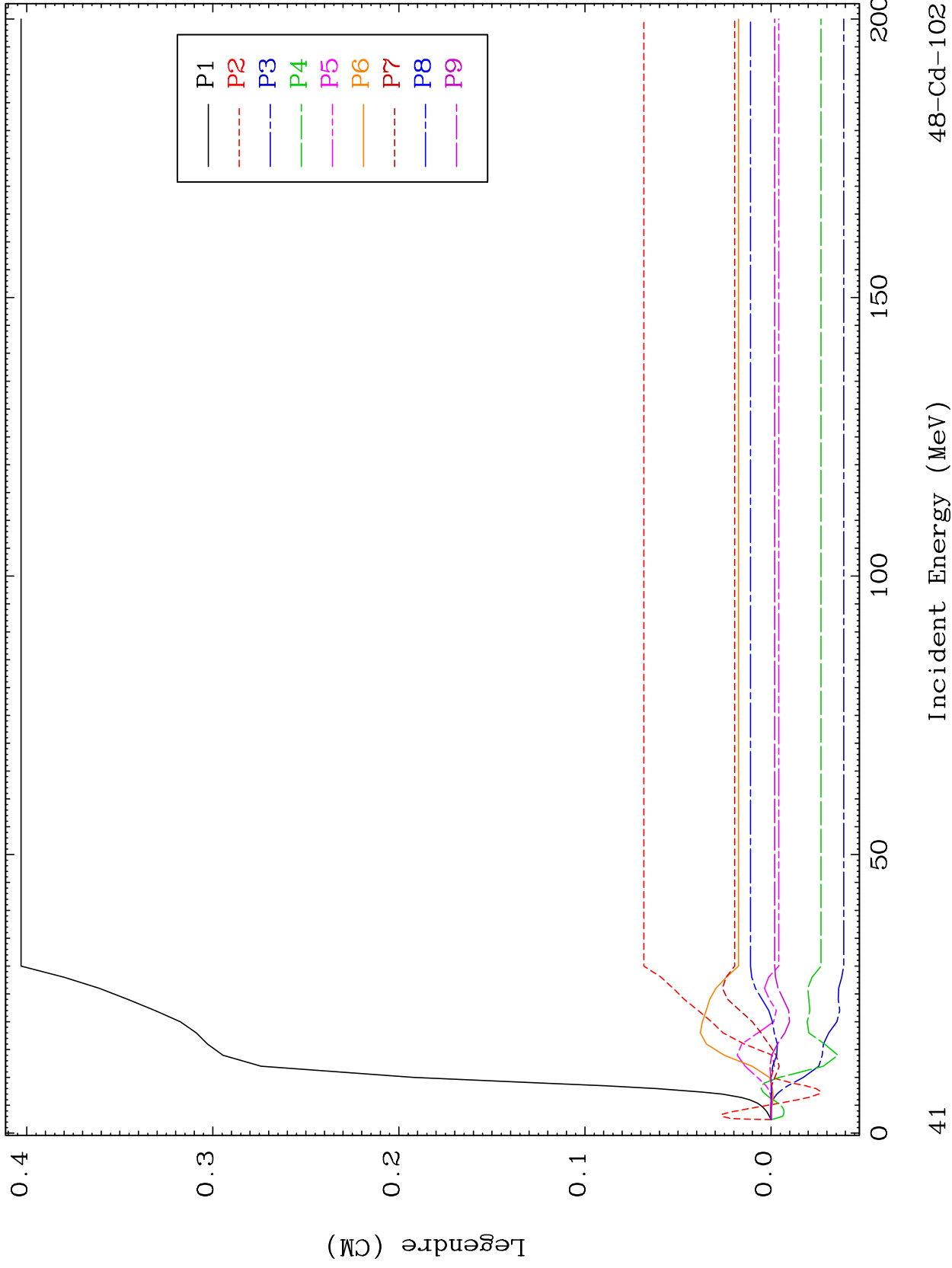
Incident Energy (MeV)

40

MAT 4813

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

48-Cd-102



41

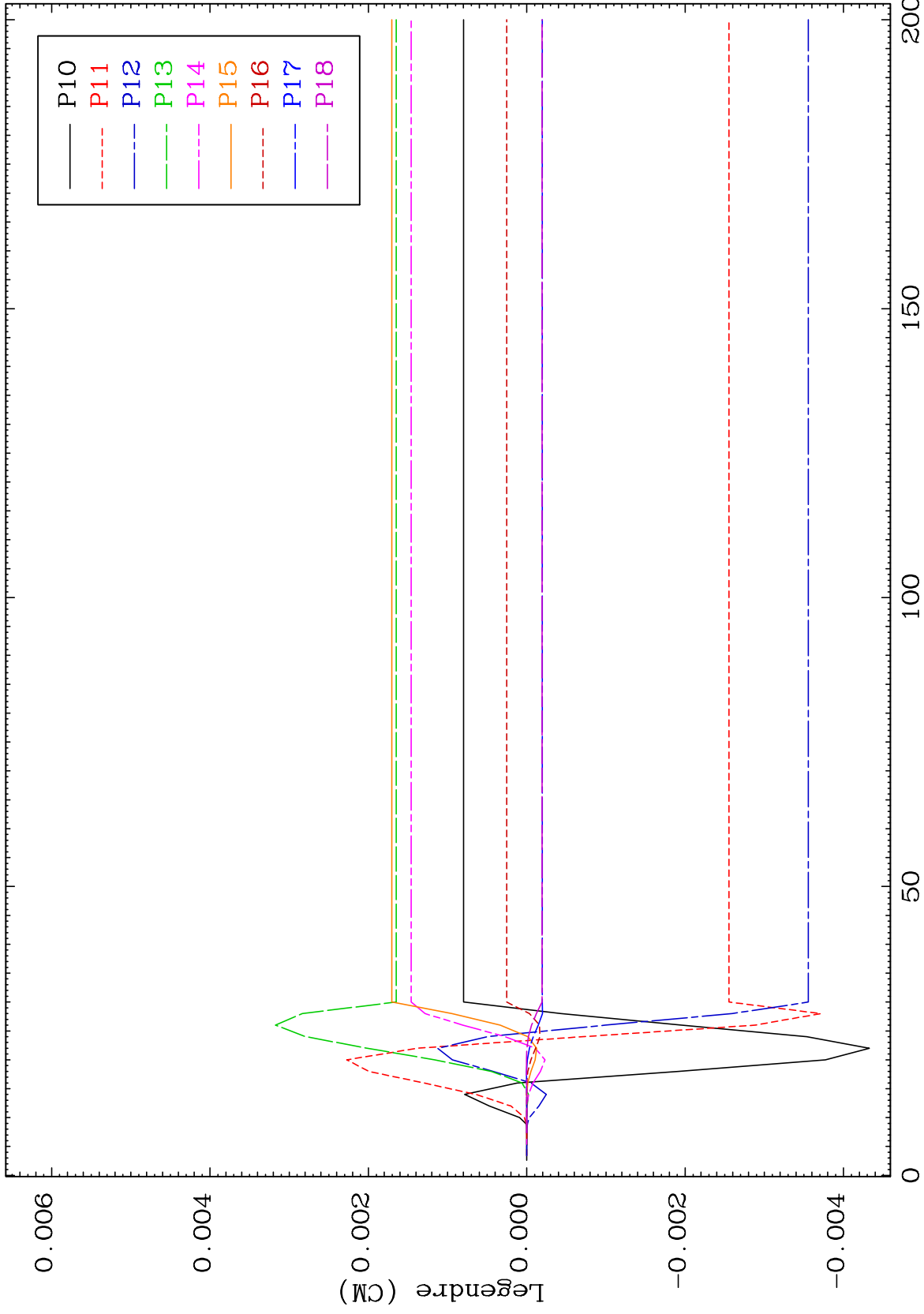
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



42

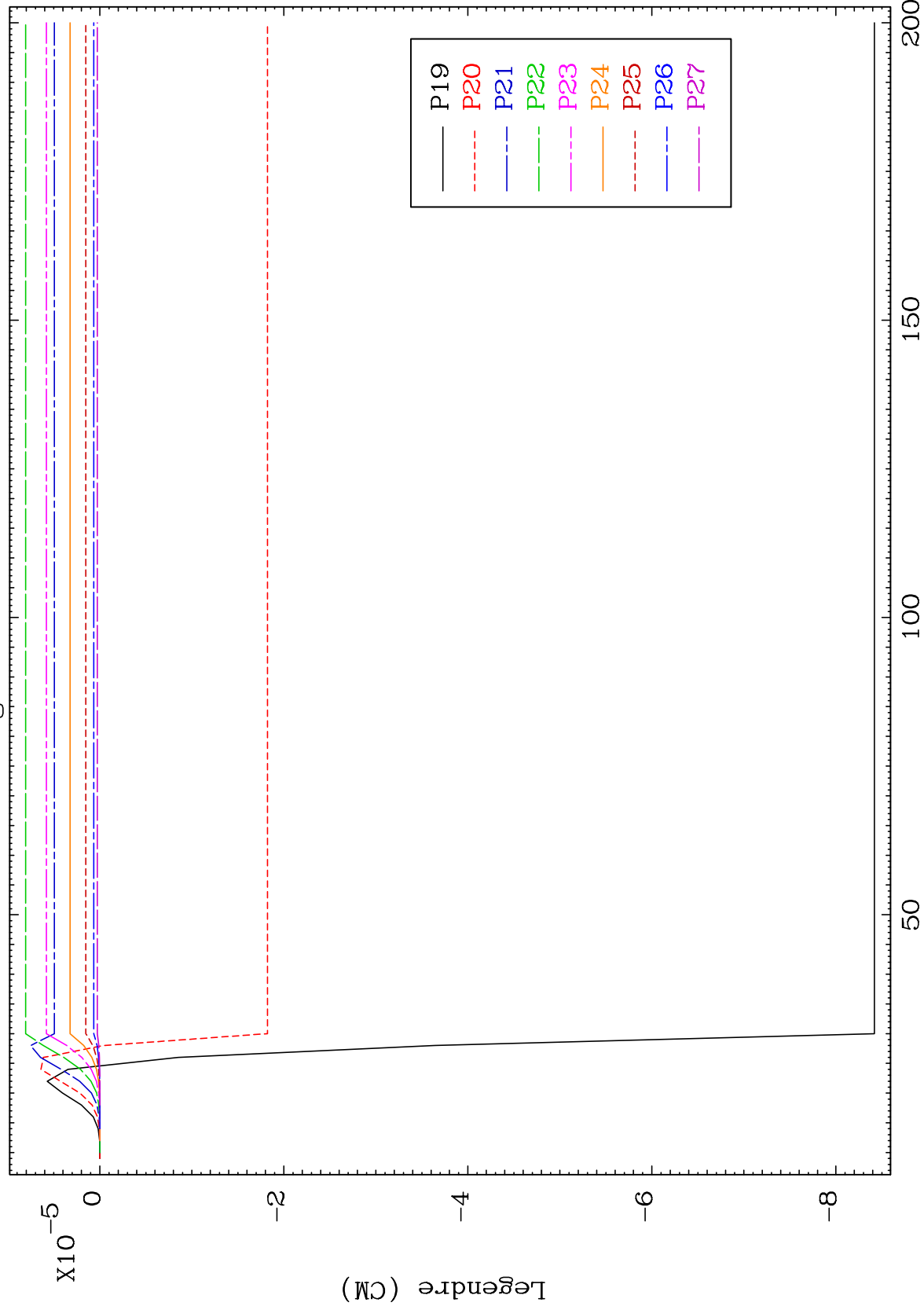
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



43

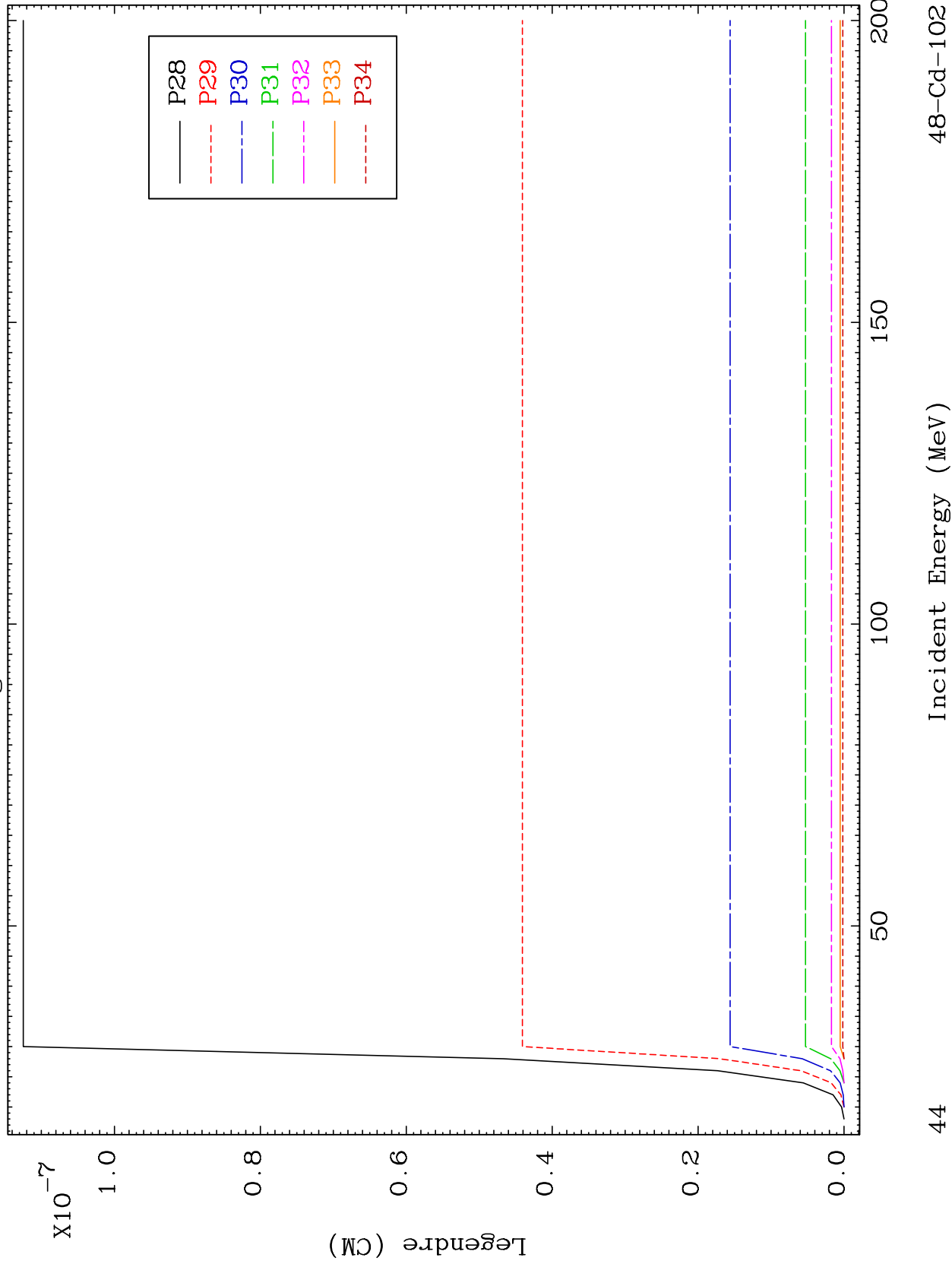
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



44

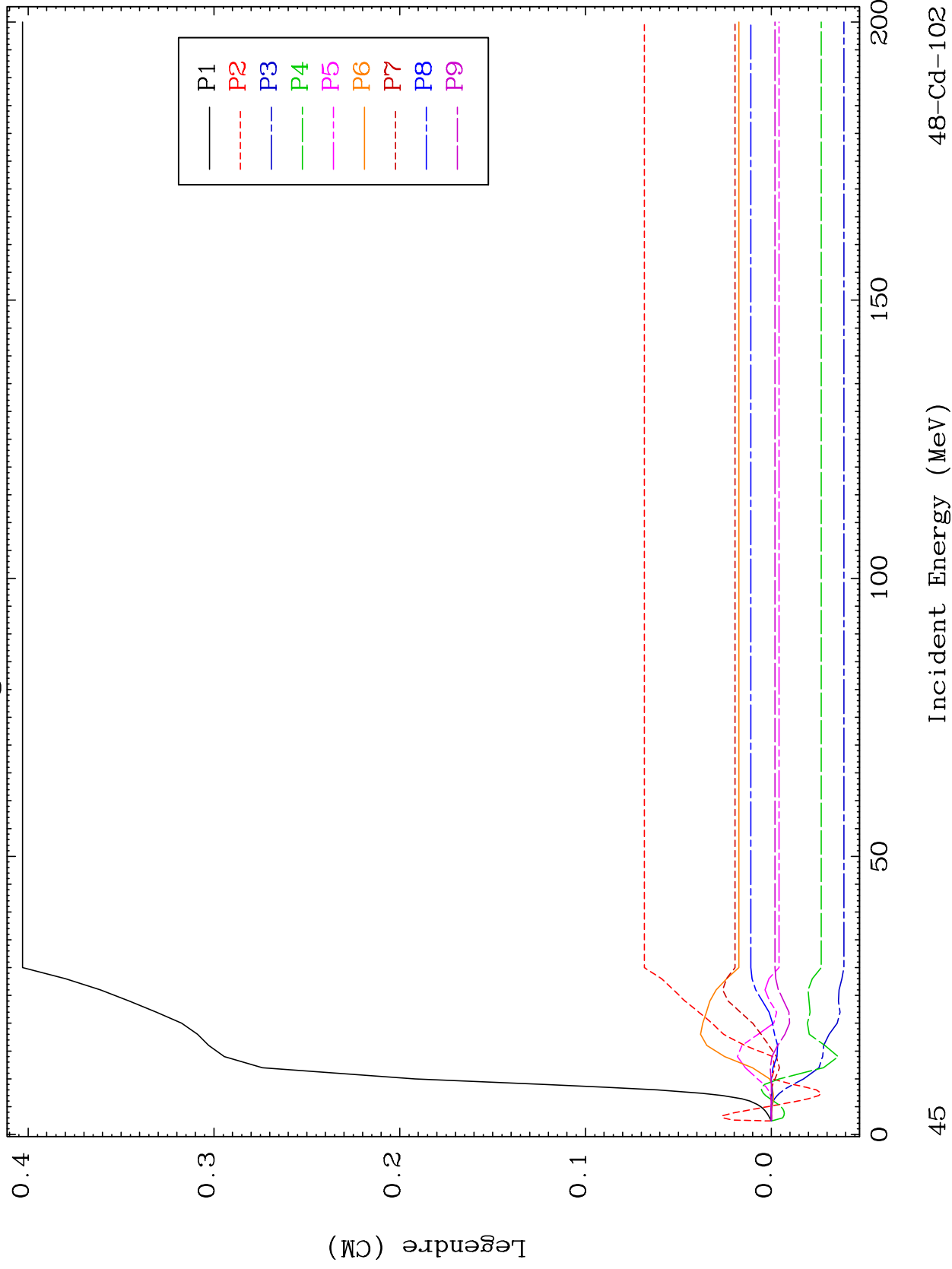
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

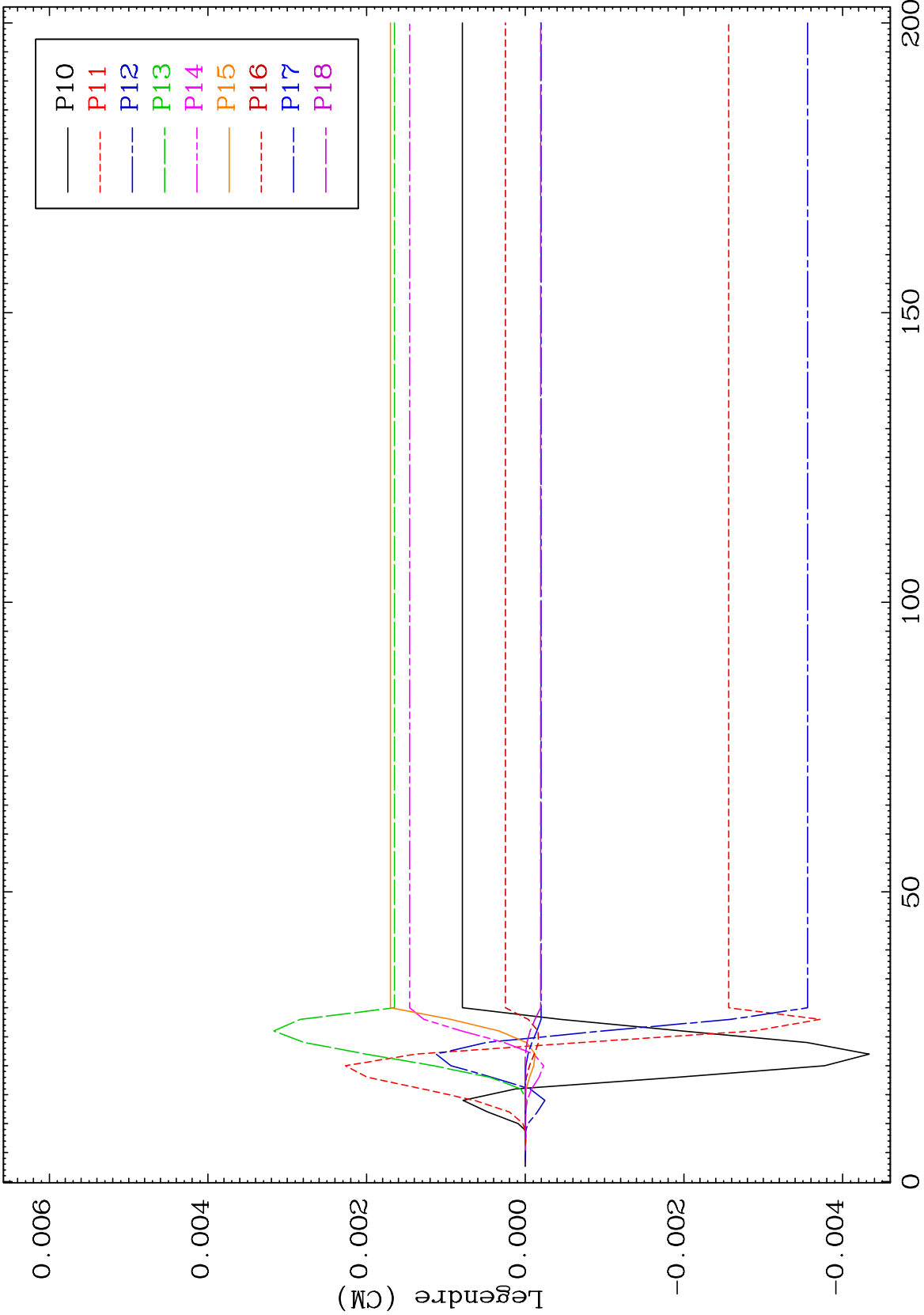
Incident Energy (MeV)

45

MAT 4813

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

48-Cd-102



46

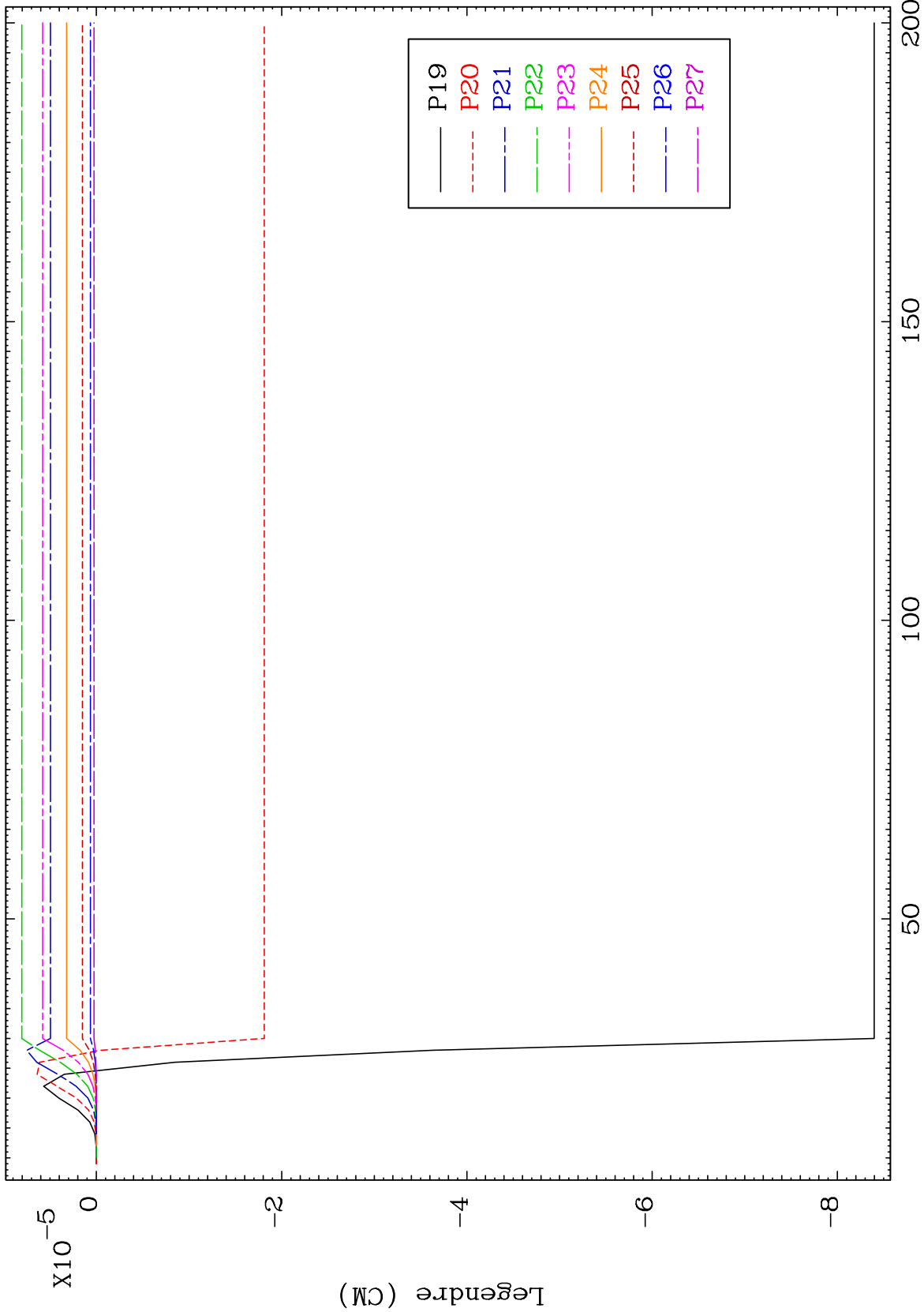
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



47

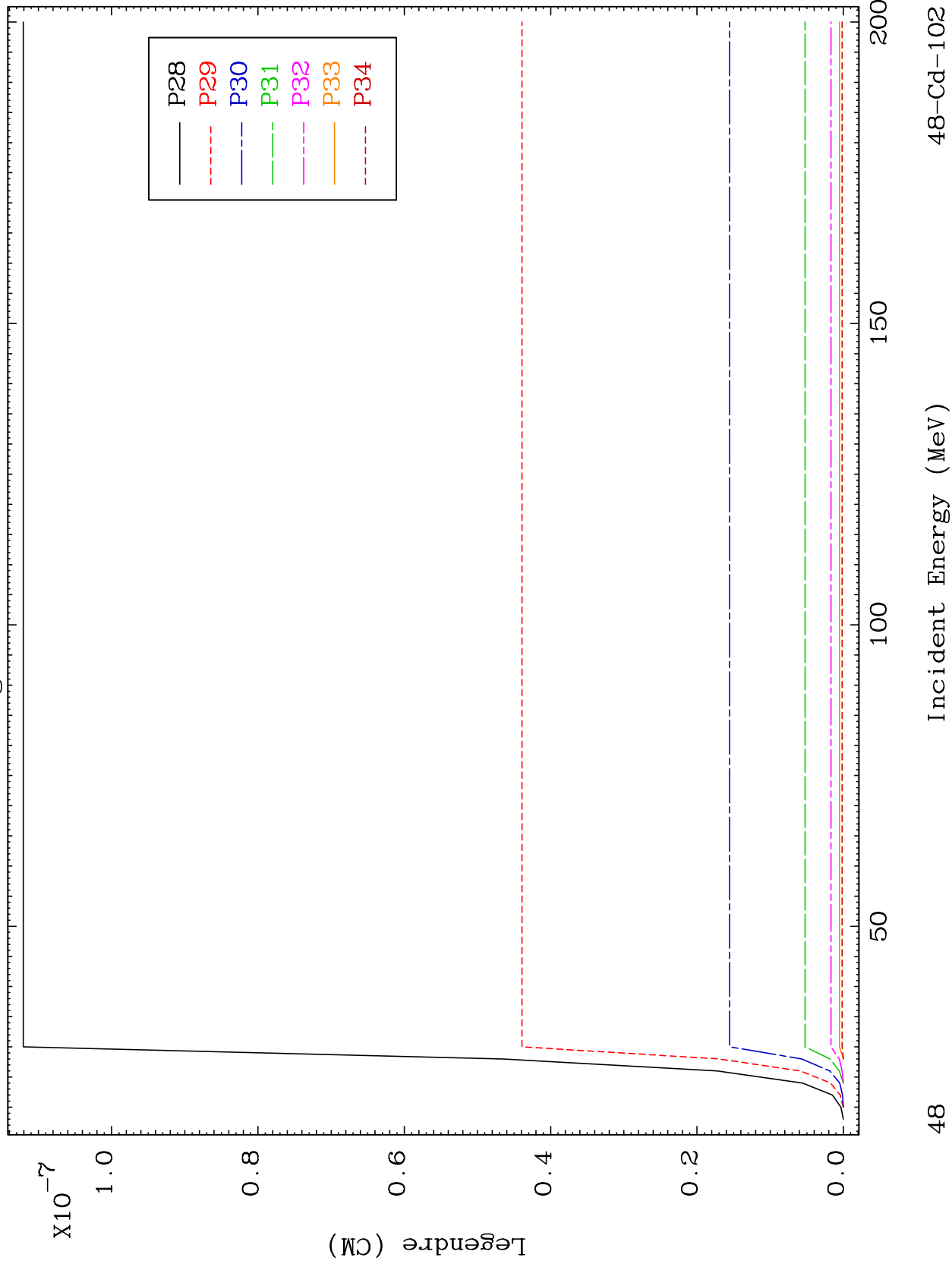
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48

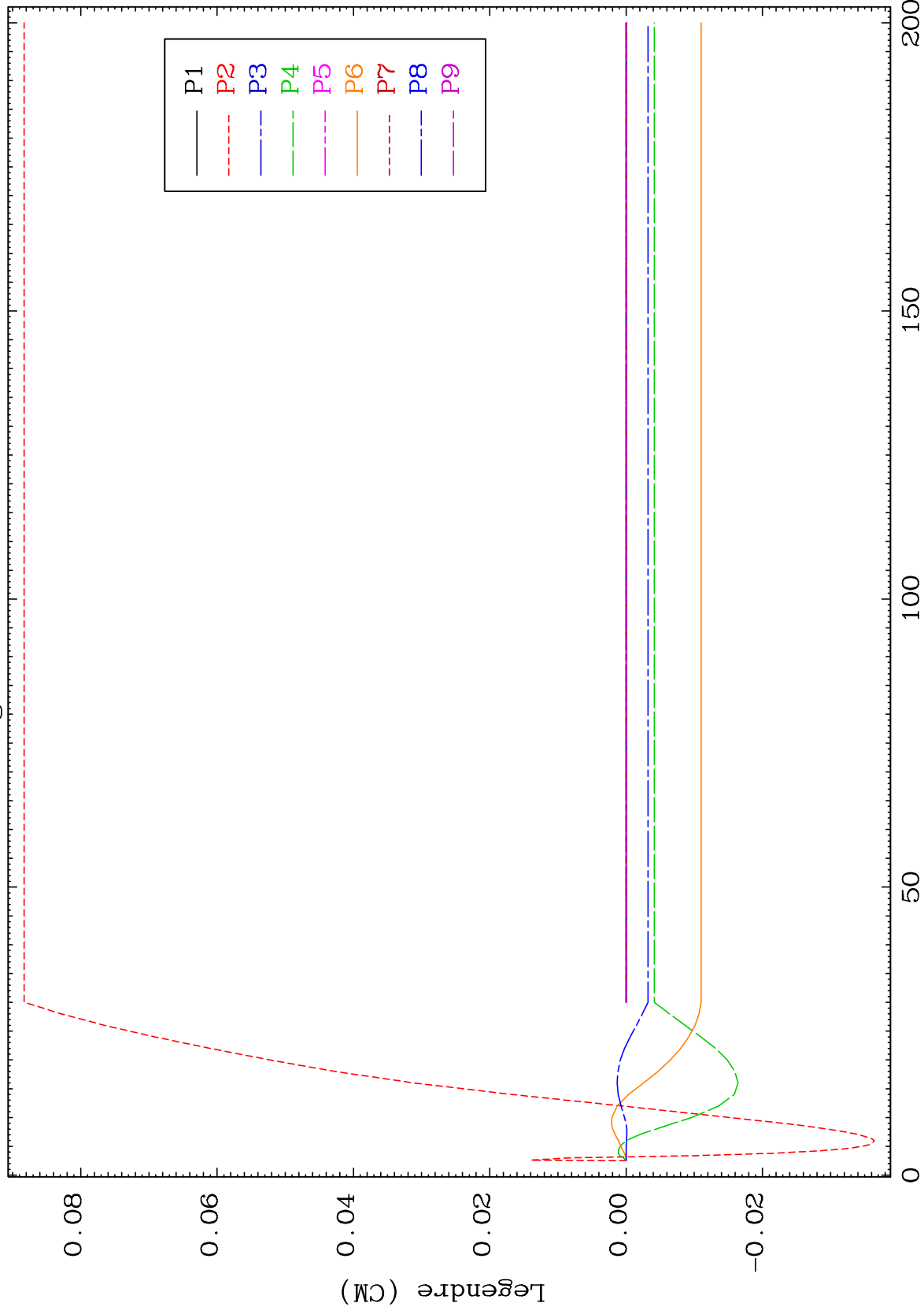
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



49

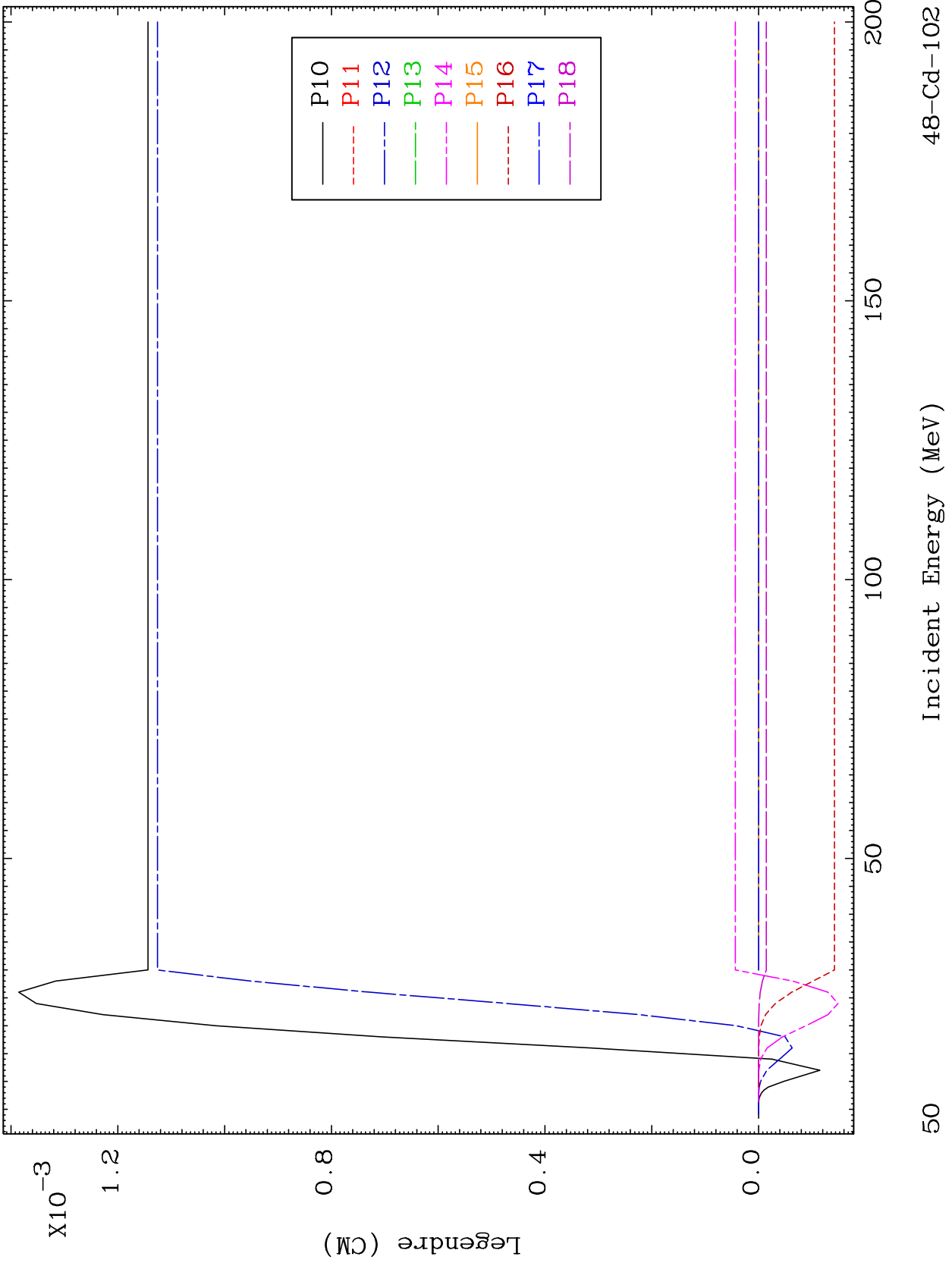
Incident Energy (MeV)

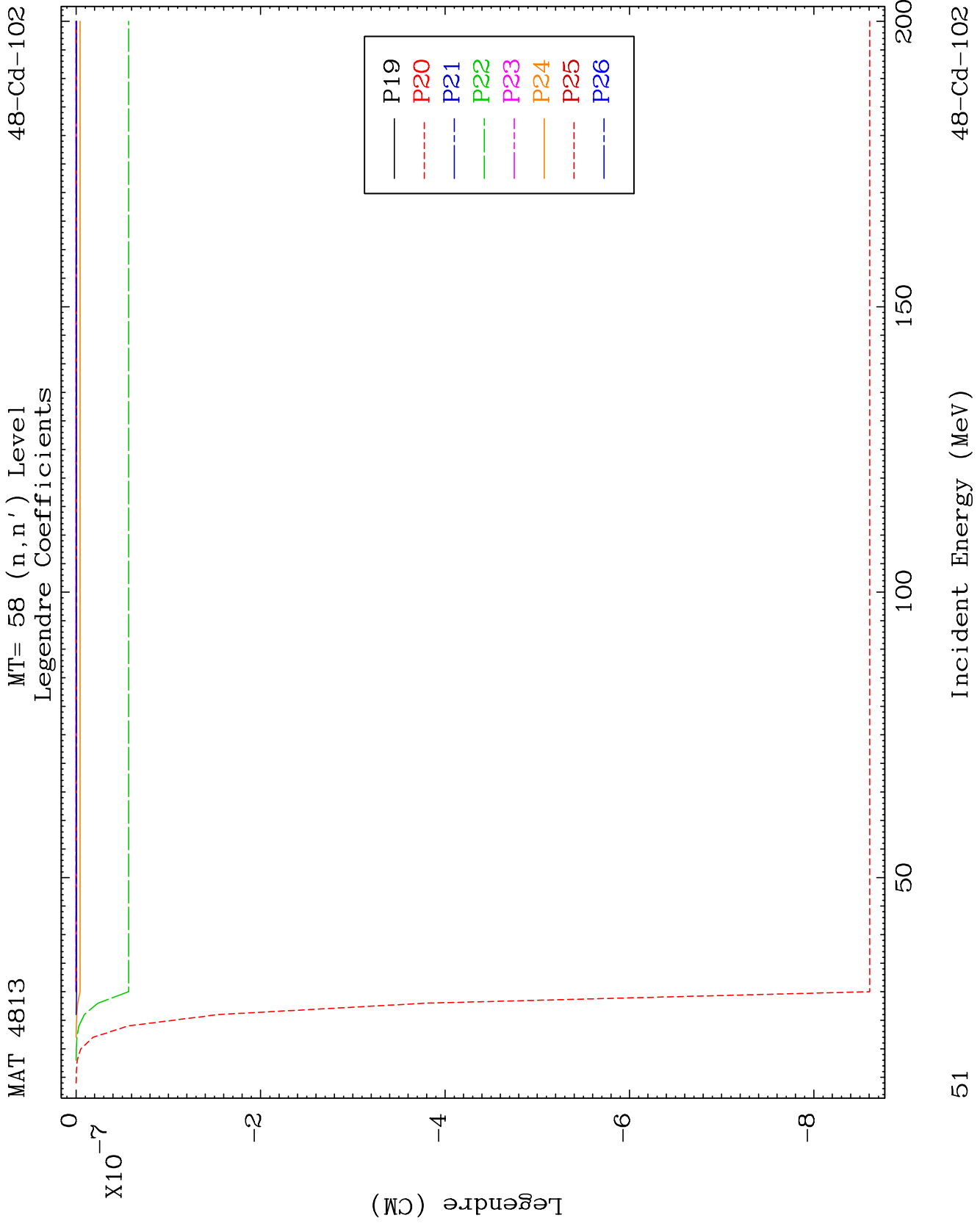
48-Cd-102

MAT 4813

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

48-Cd-102

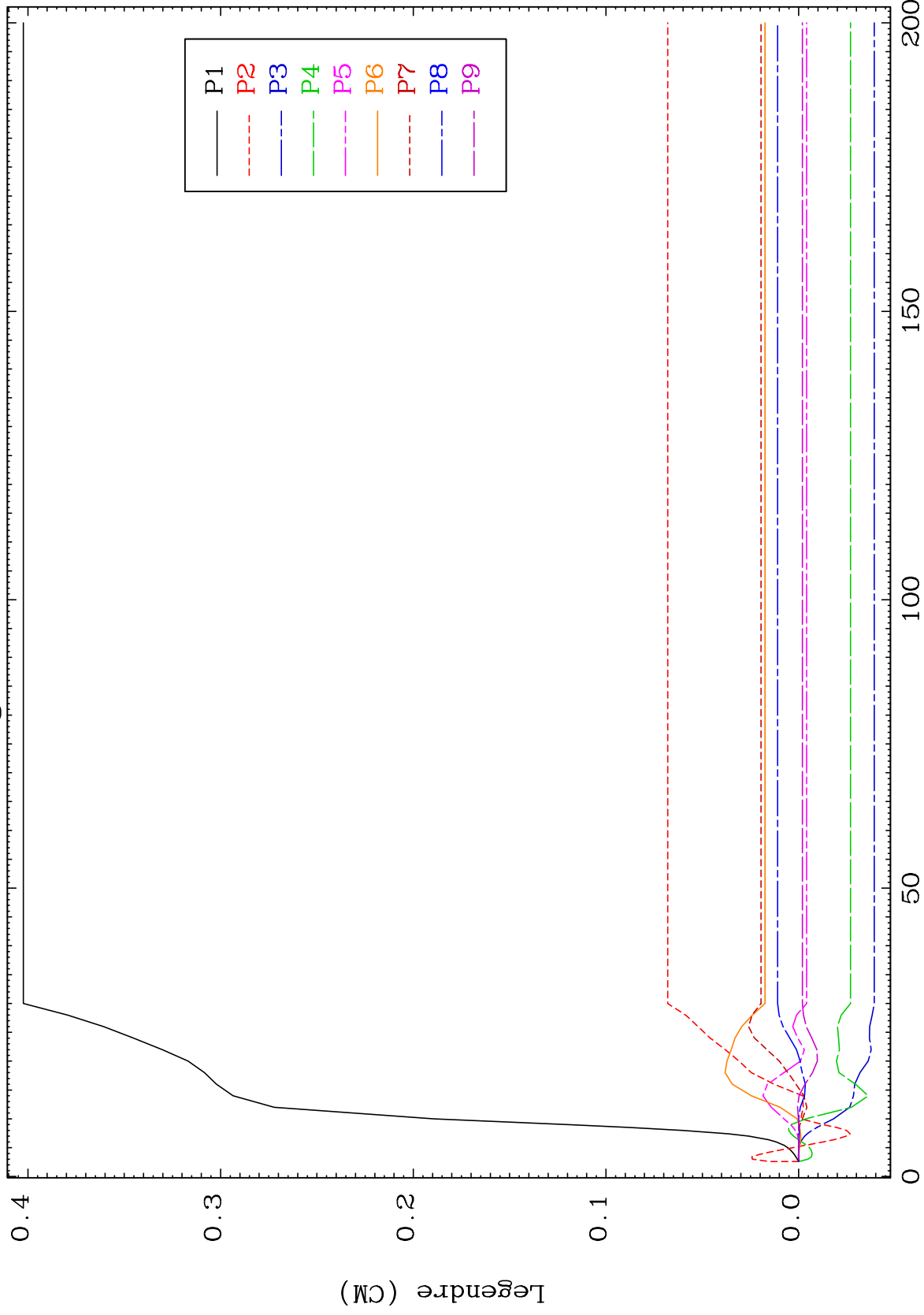




MAT 4813

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

48-Cd-102



48-Cd-102

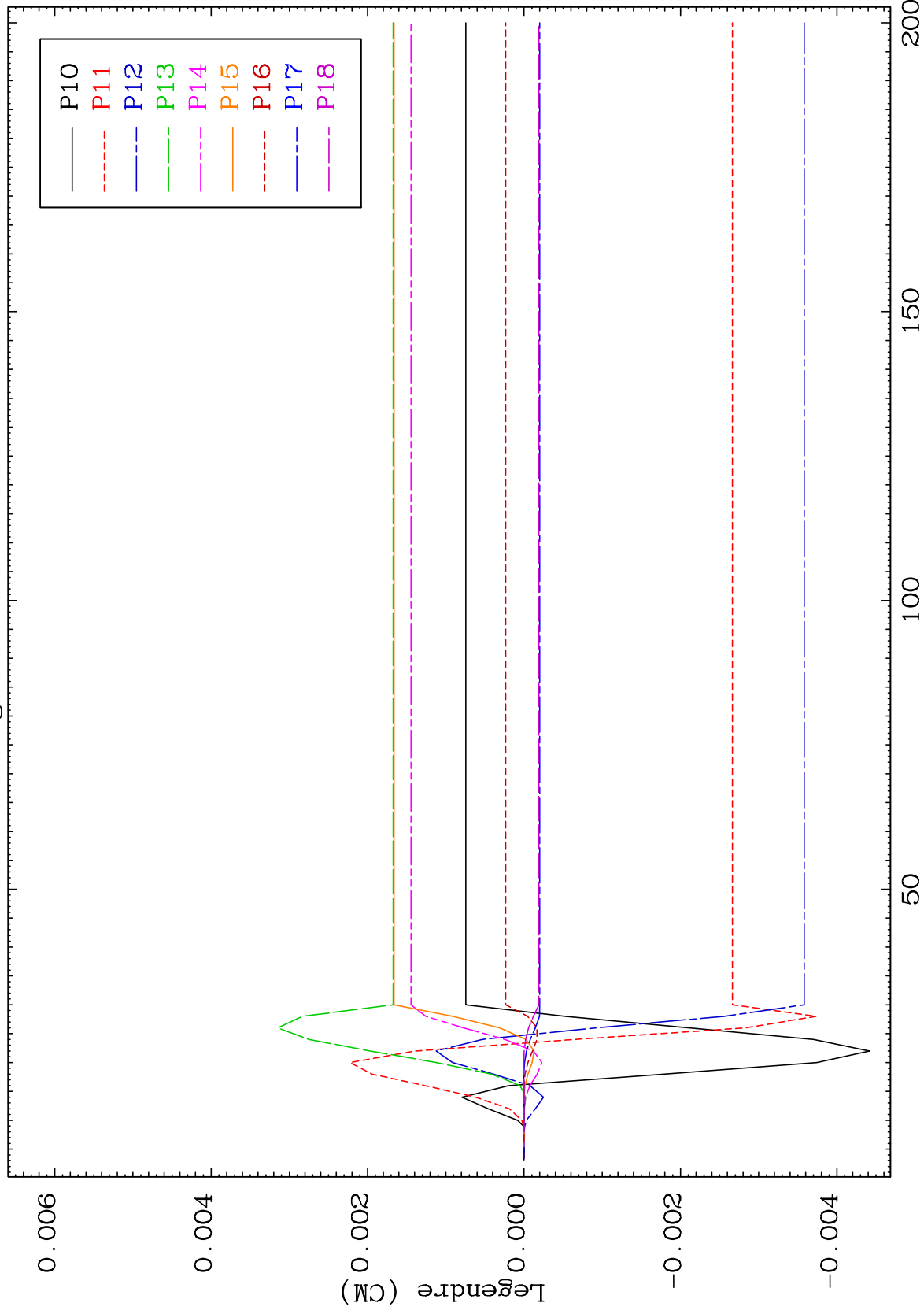
Incident Energy (MeV)

52

MAT 4813

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

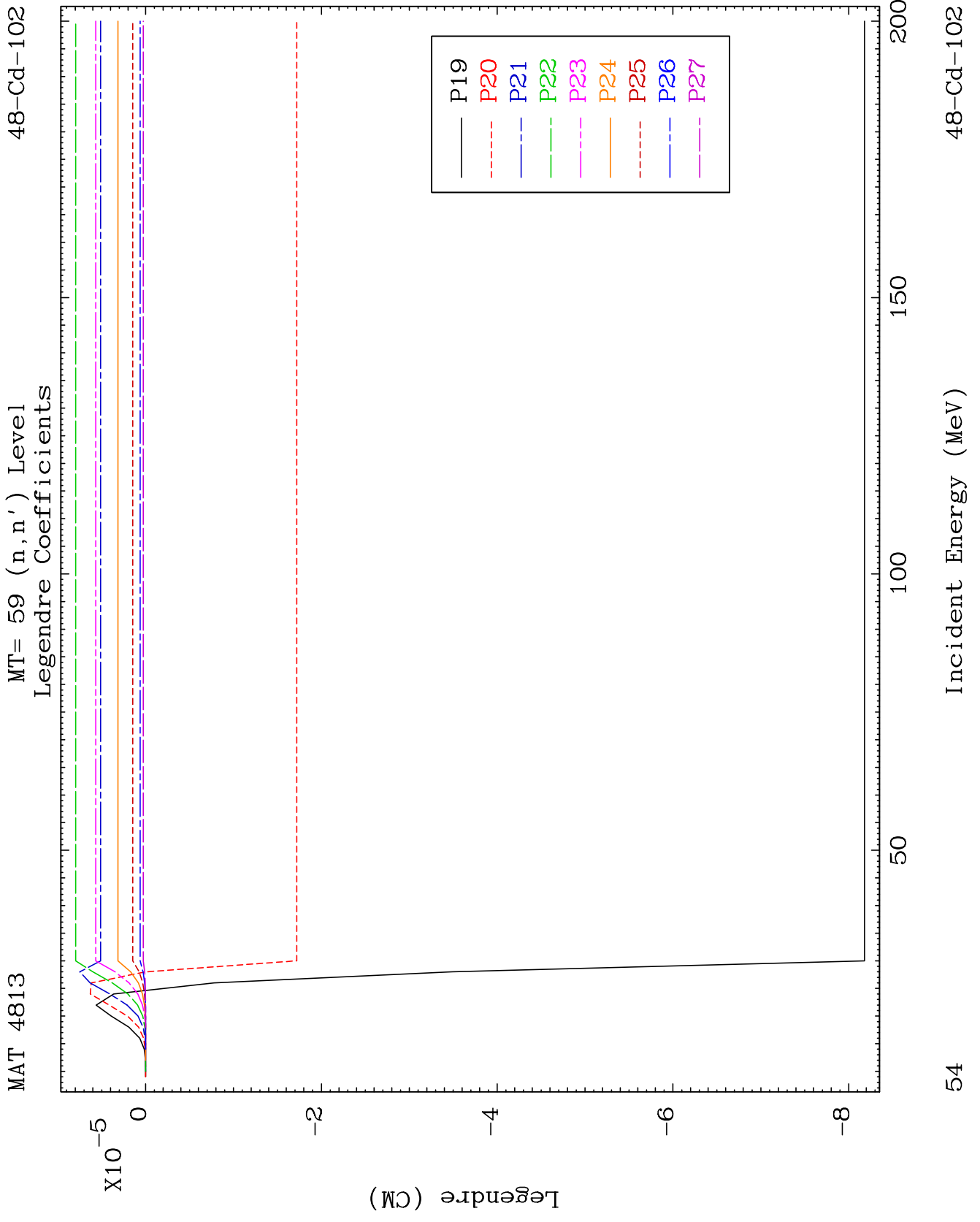
48-Cd-102



53

Incident Energy (MeV)

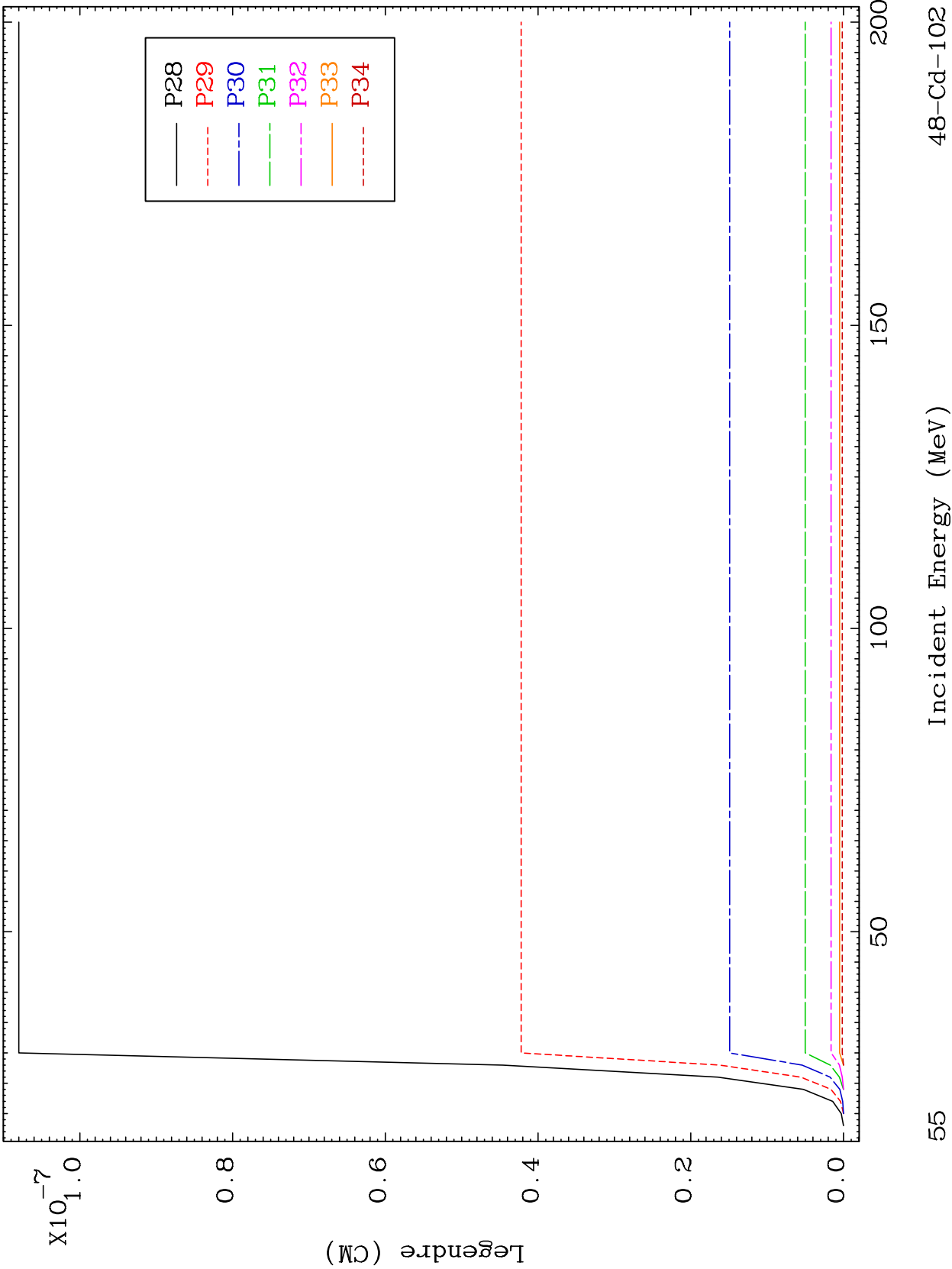
48-Cd-102



MAT 4813

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

48-Cd-102



55

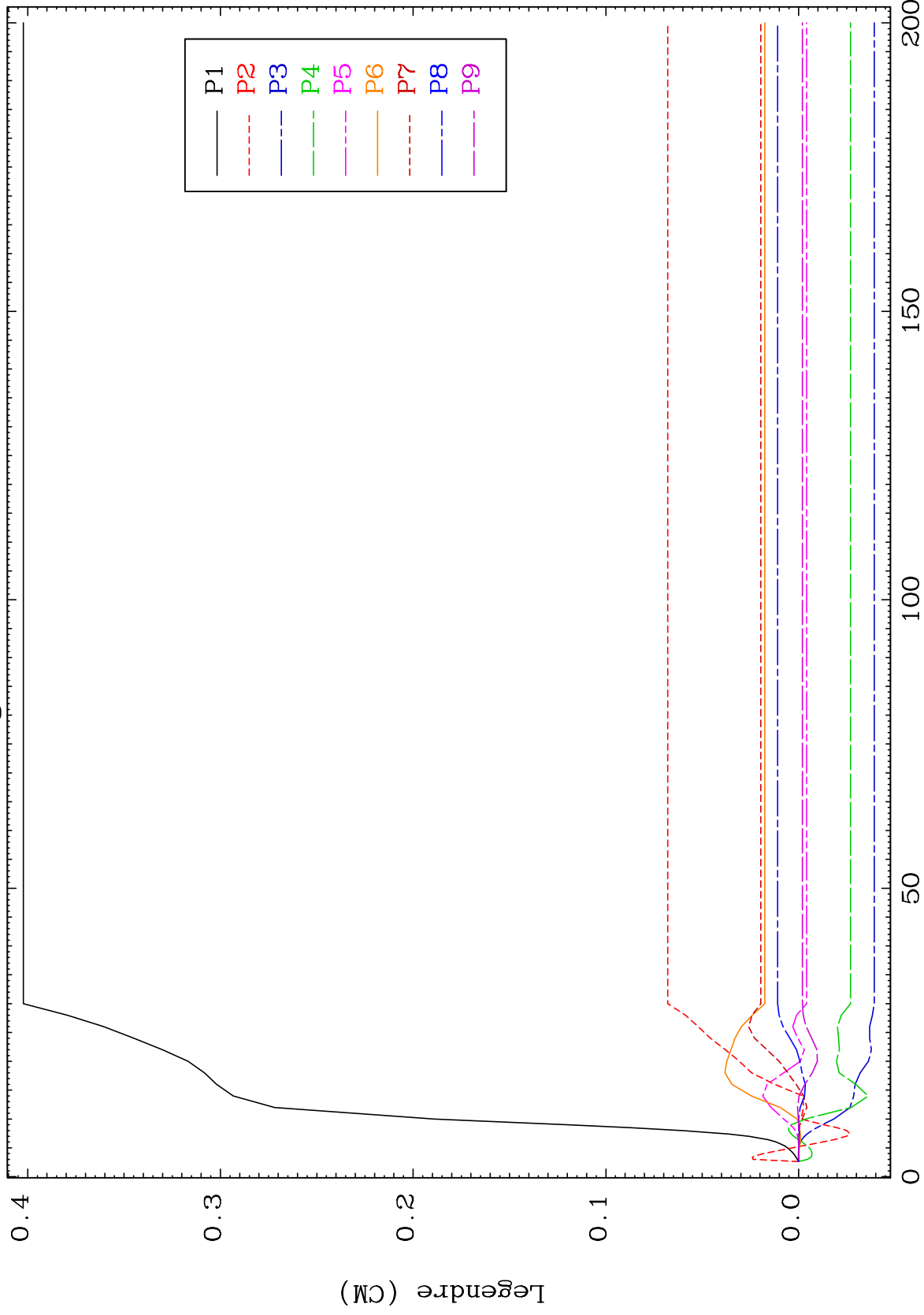
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



56

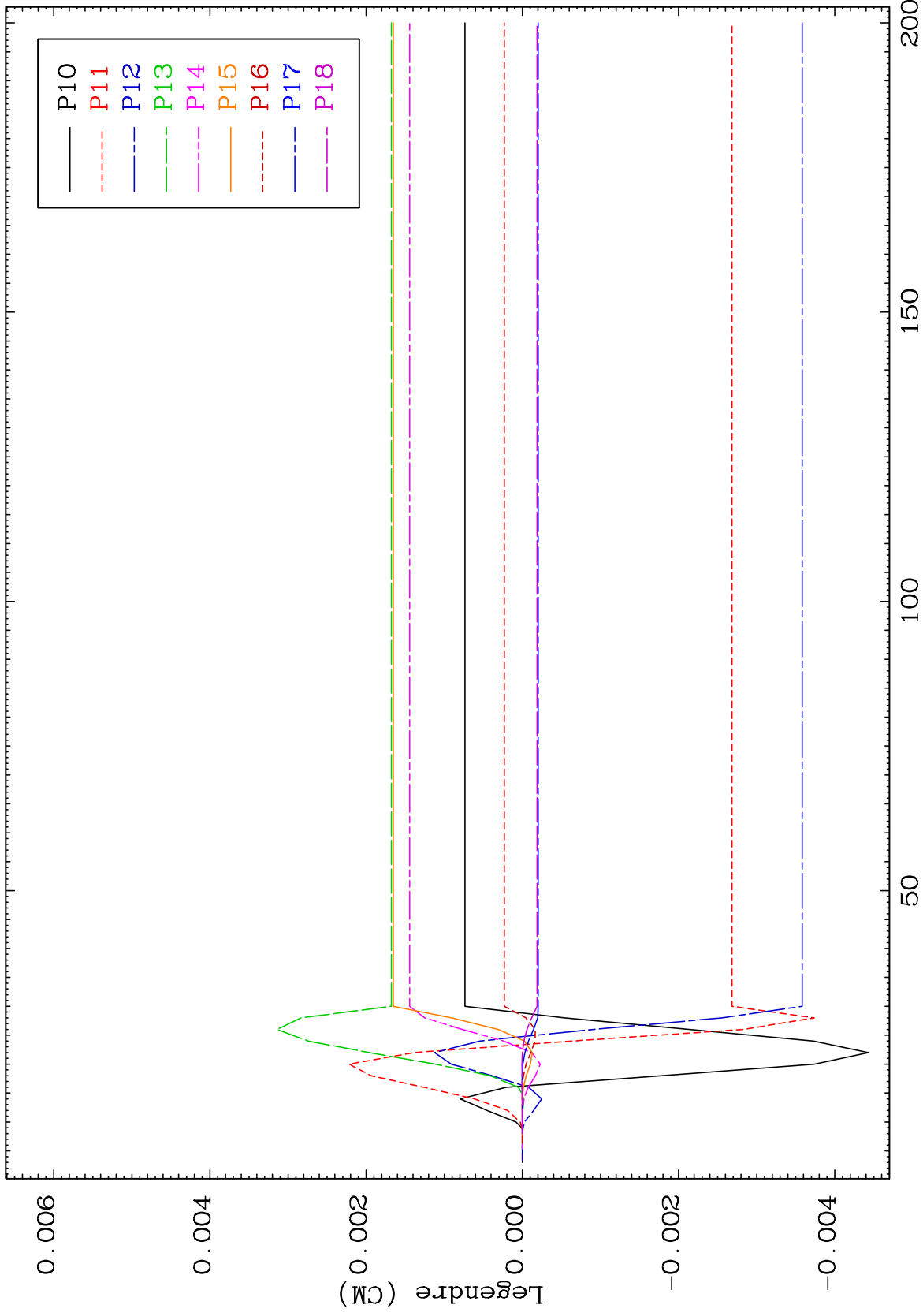
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

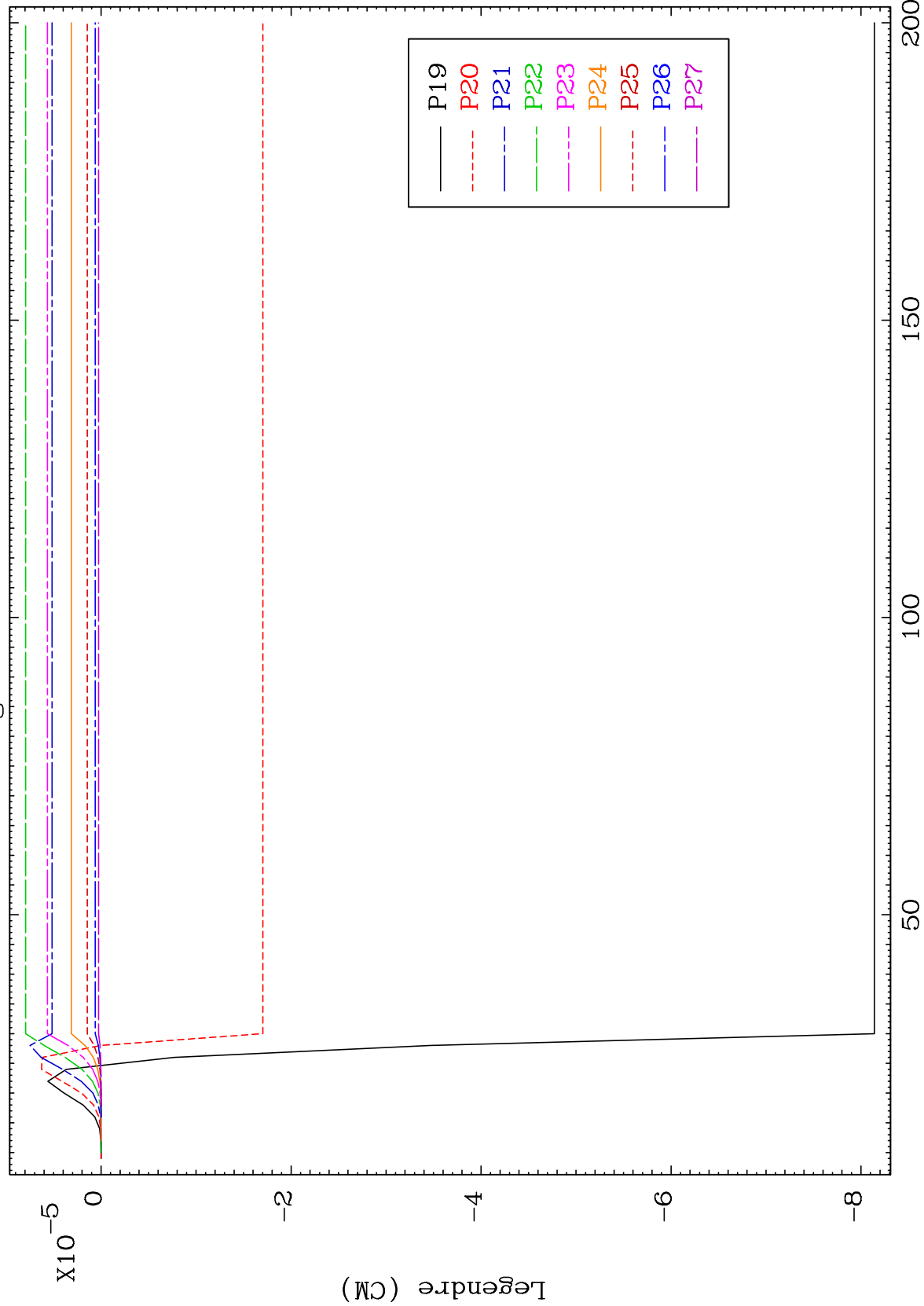
48-Cd-102



MAT 4813

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

48-Cd-102



58

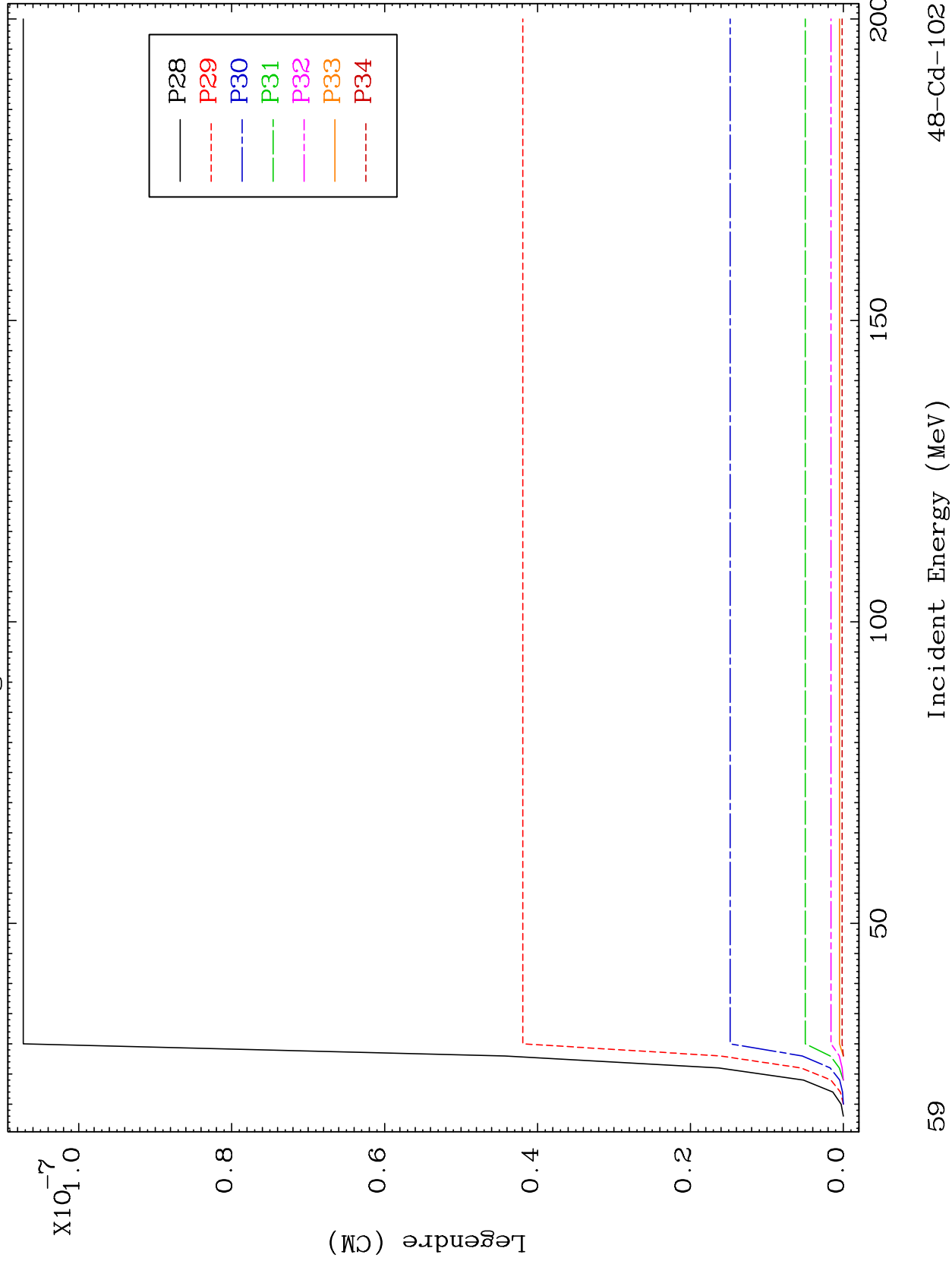
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



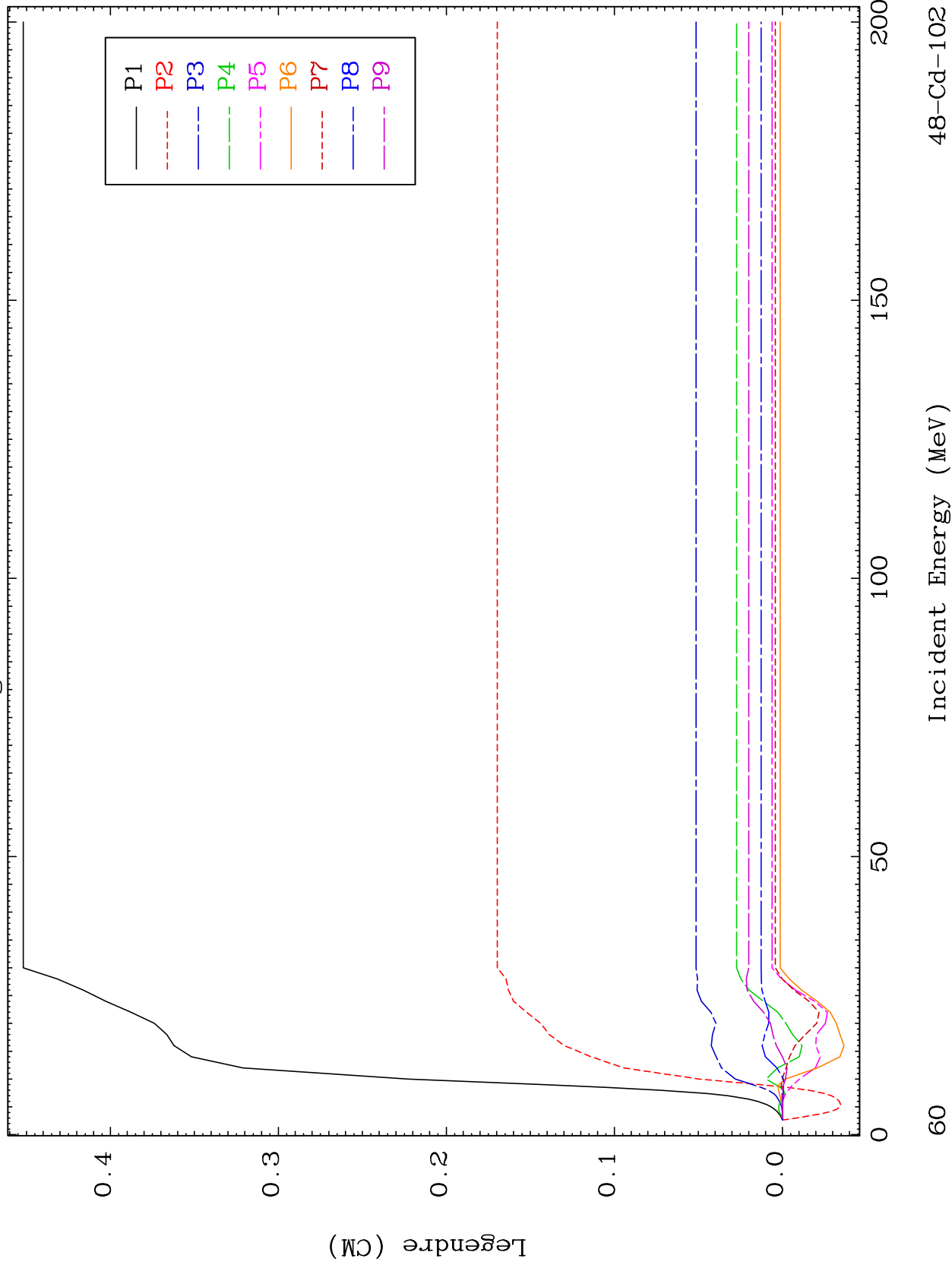
59

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

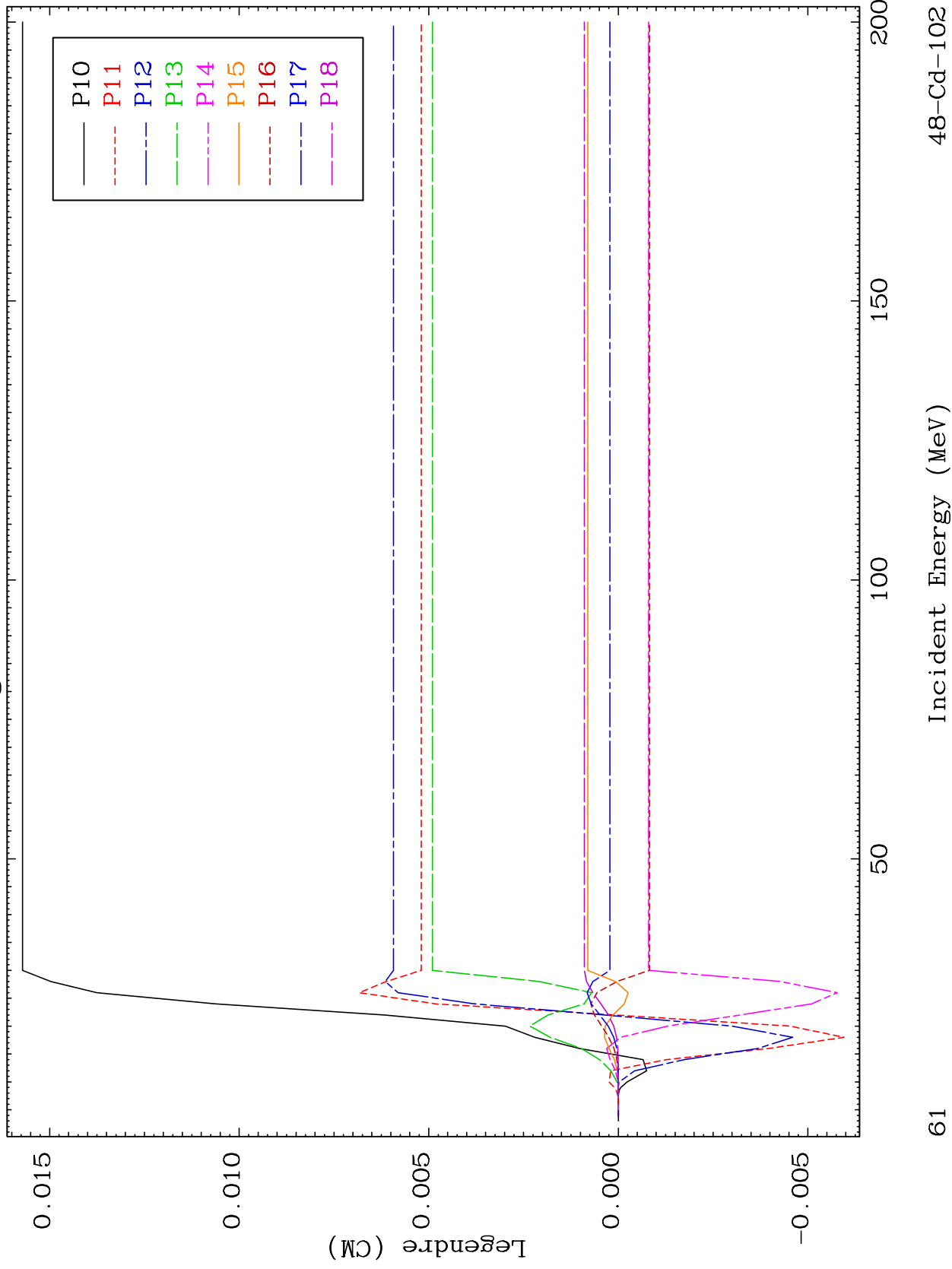
Incident Energy (MeV)

60

MAT 4813

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

48-Cd-102



61

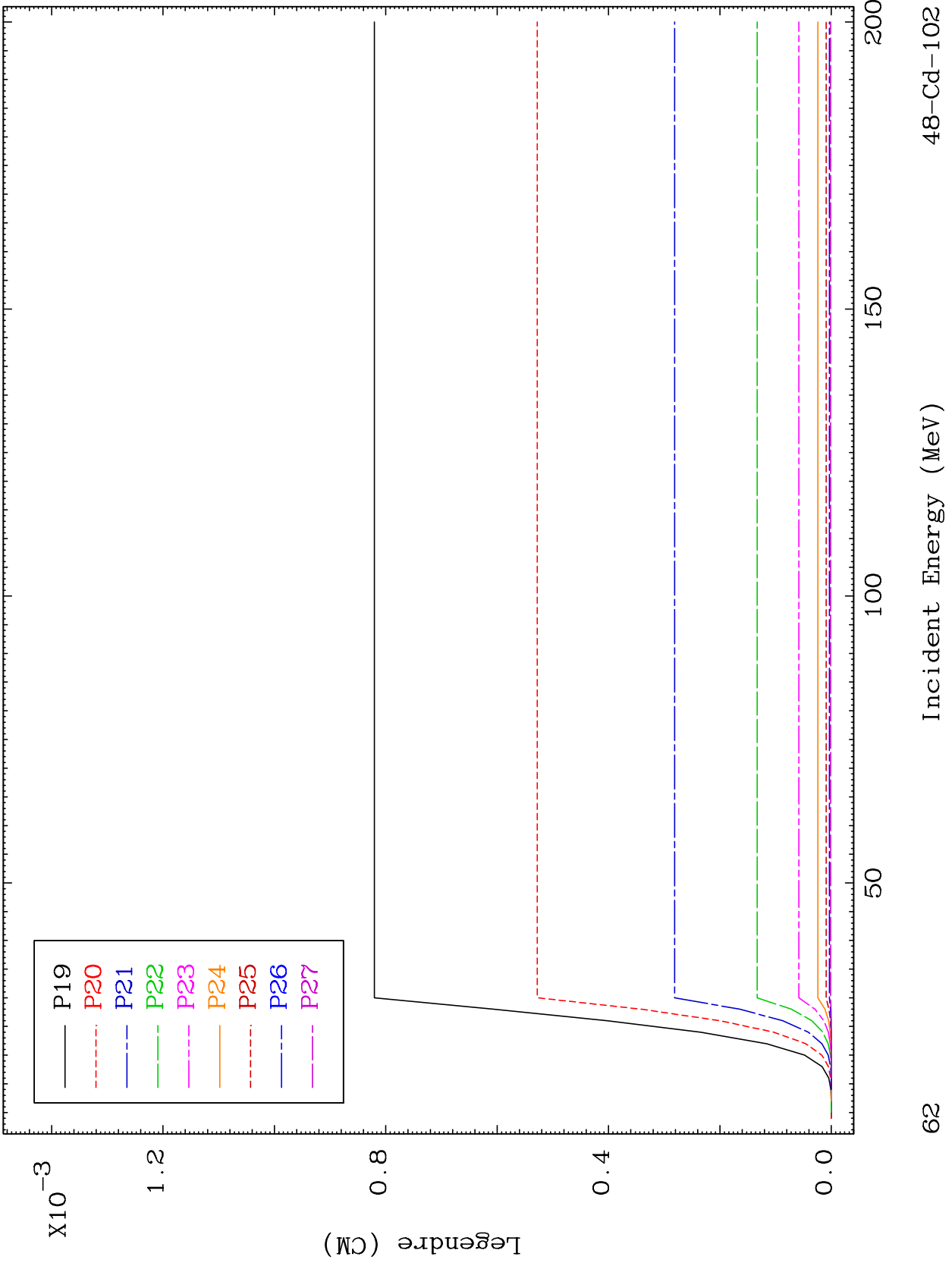
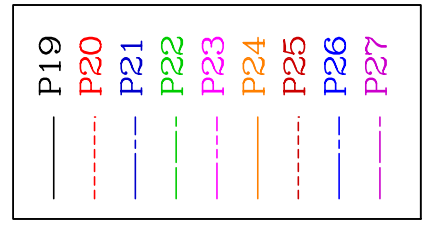
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

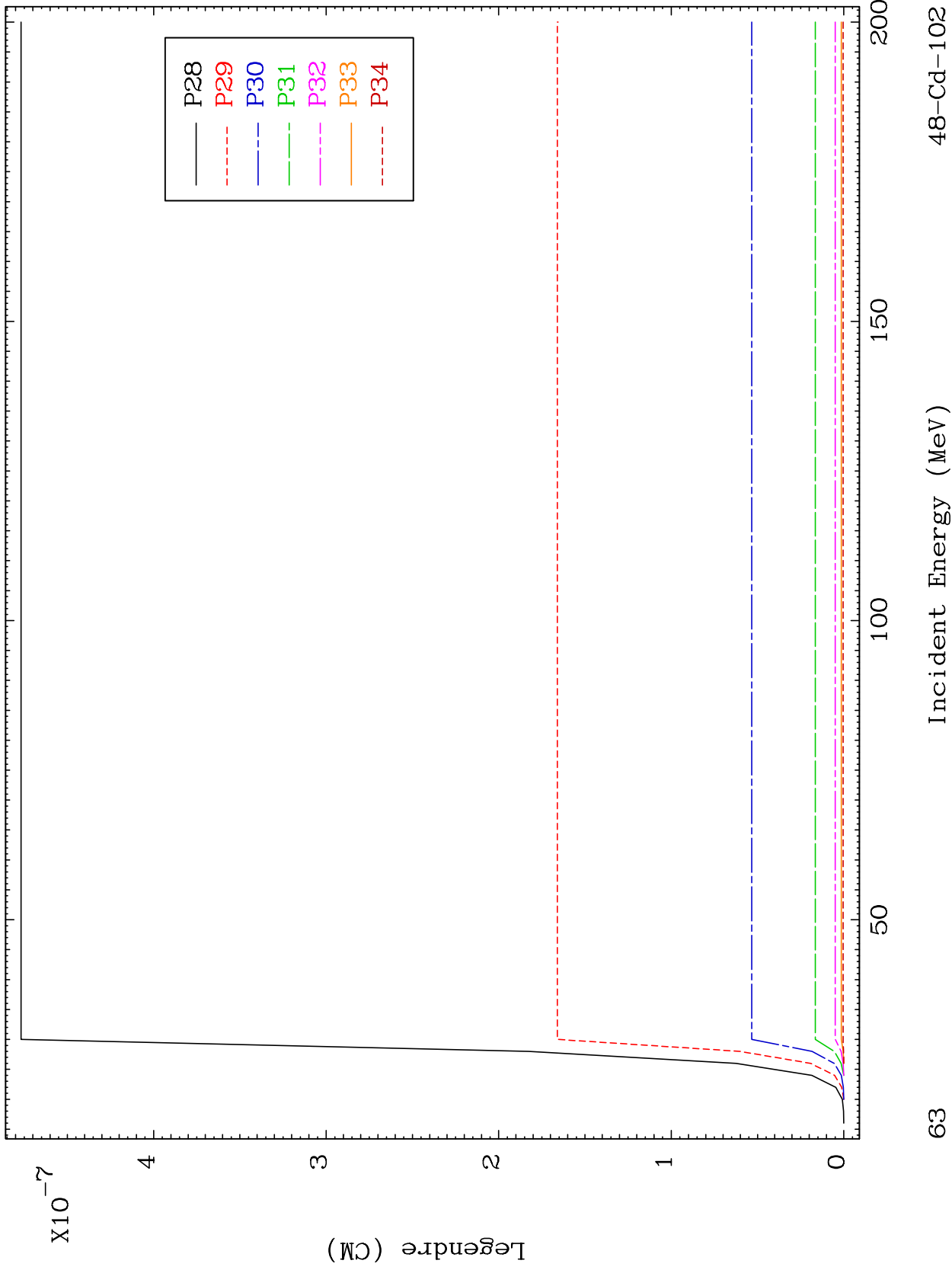
48-Cd-102

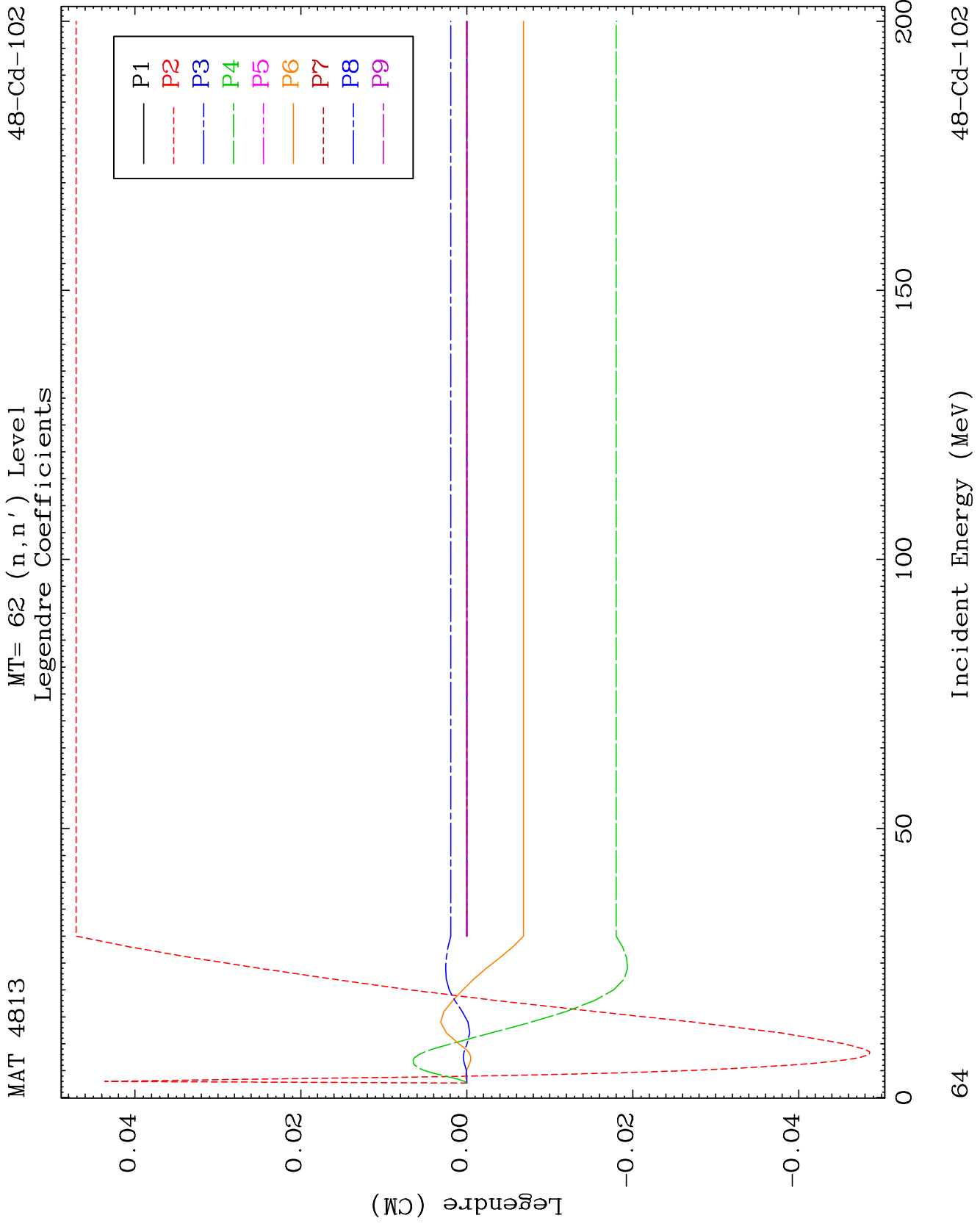


MAT 4813

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

48-Cd-102

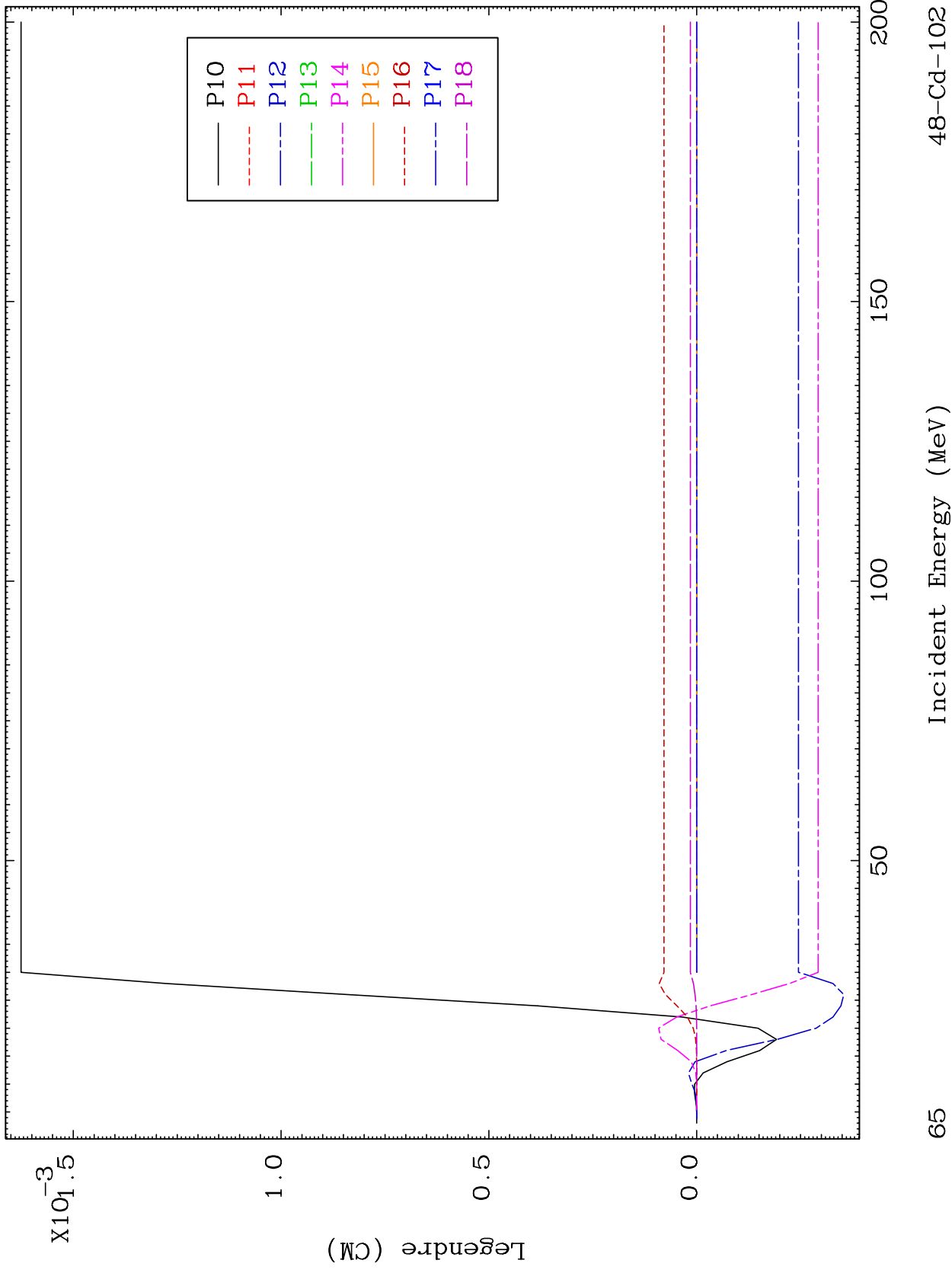




MAT 4813

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

48-Cd-102



65

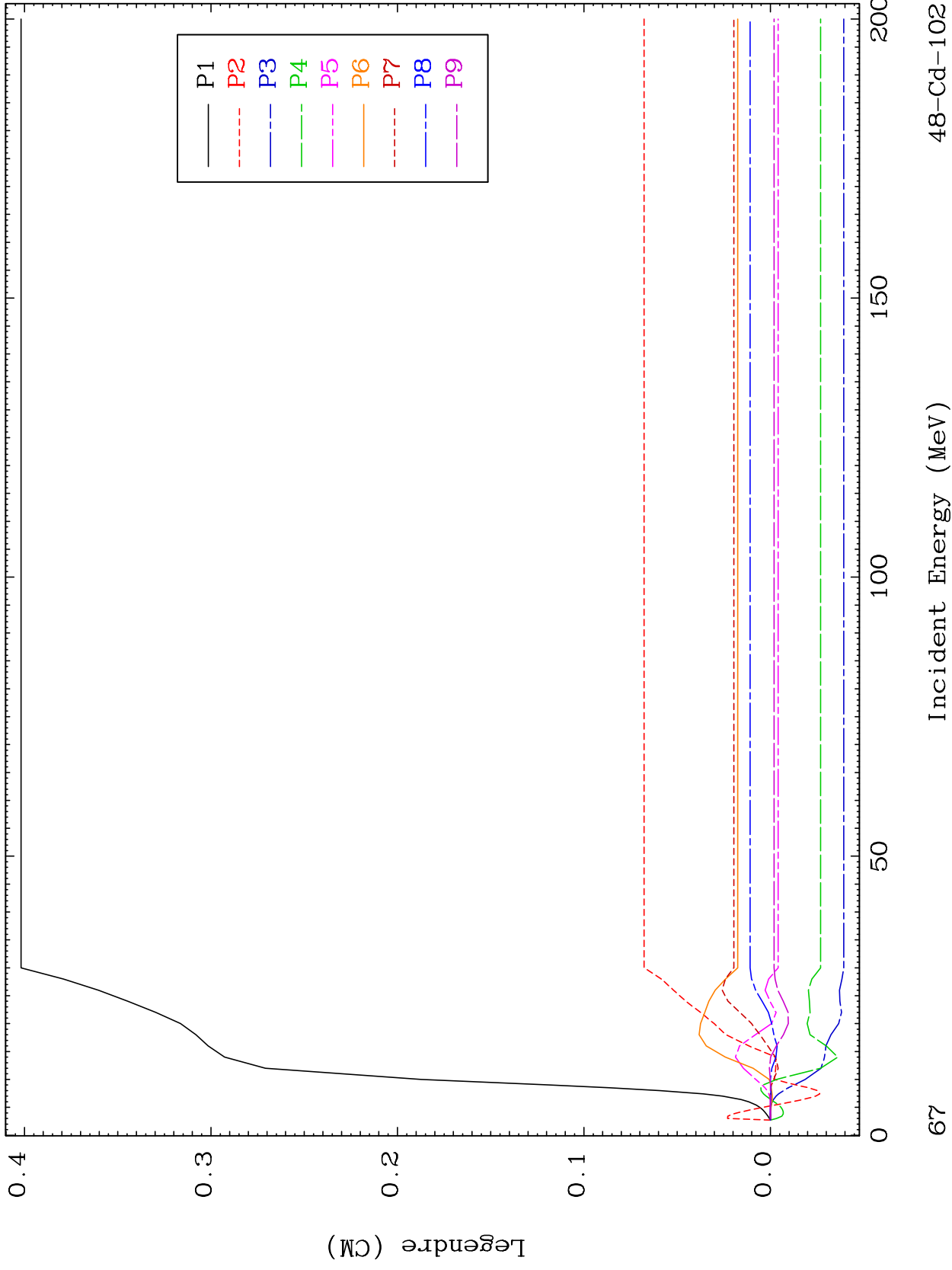
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

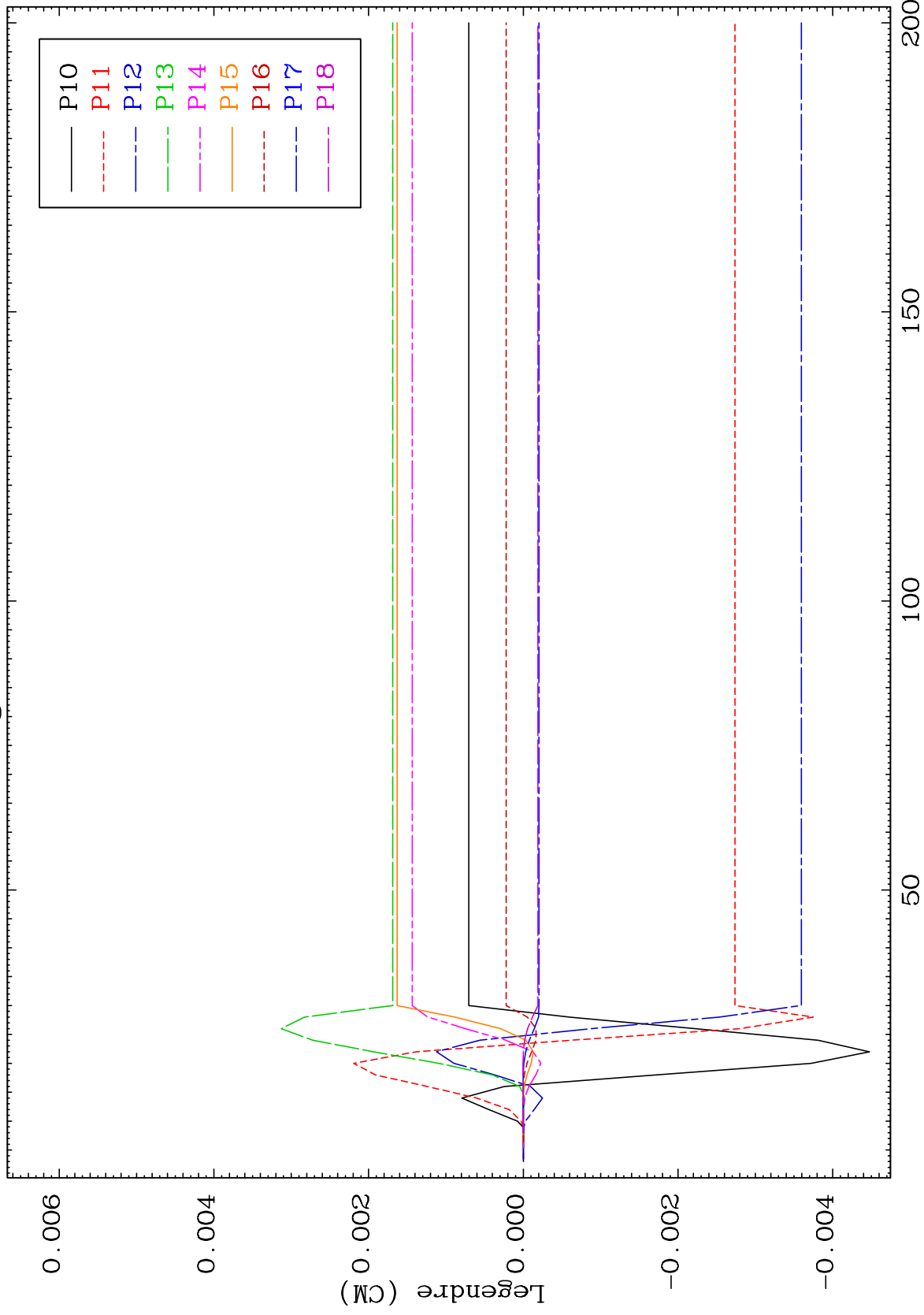
48-Cd-102



MAT 4813

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

48-Cd-102



68

Incident Energy (MeV)

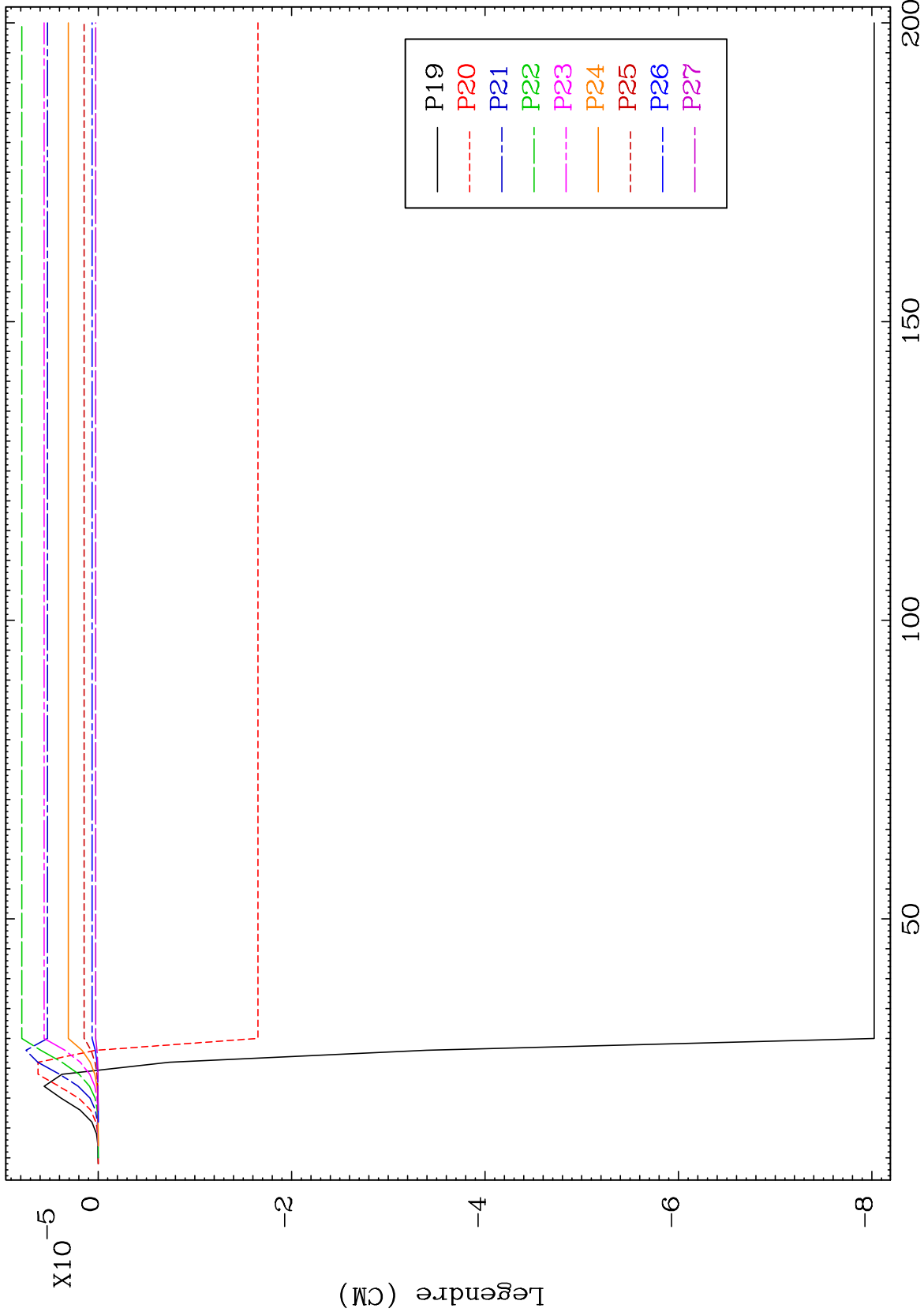
48-Cd-102

MAT 4813

MT= 63 (n,n') Level

48-Cd-102

Legendre Coefficients



69

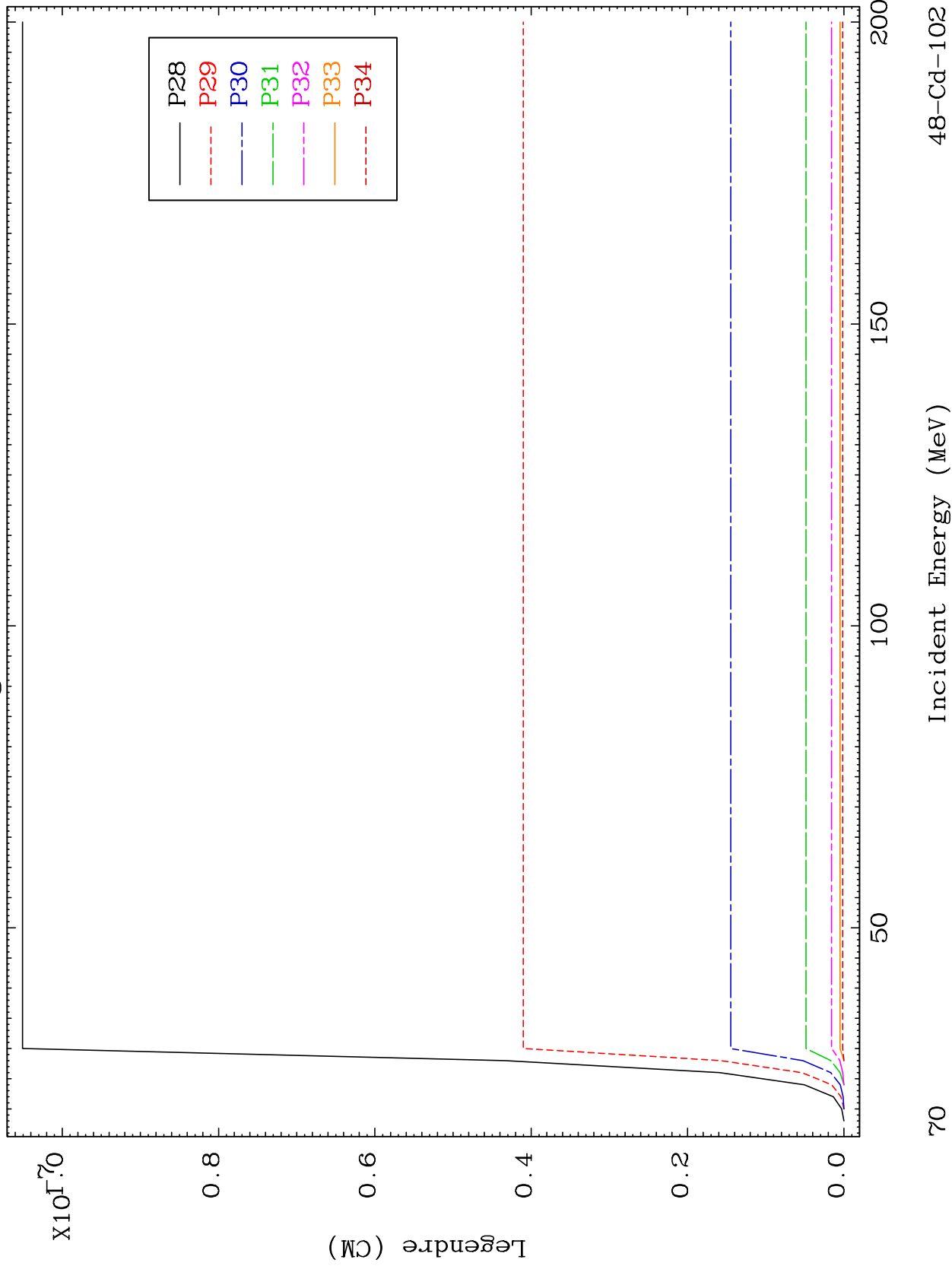
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



70

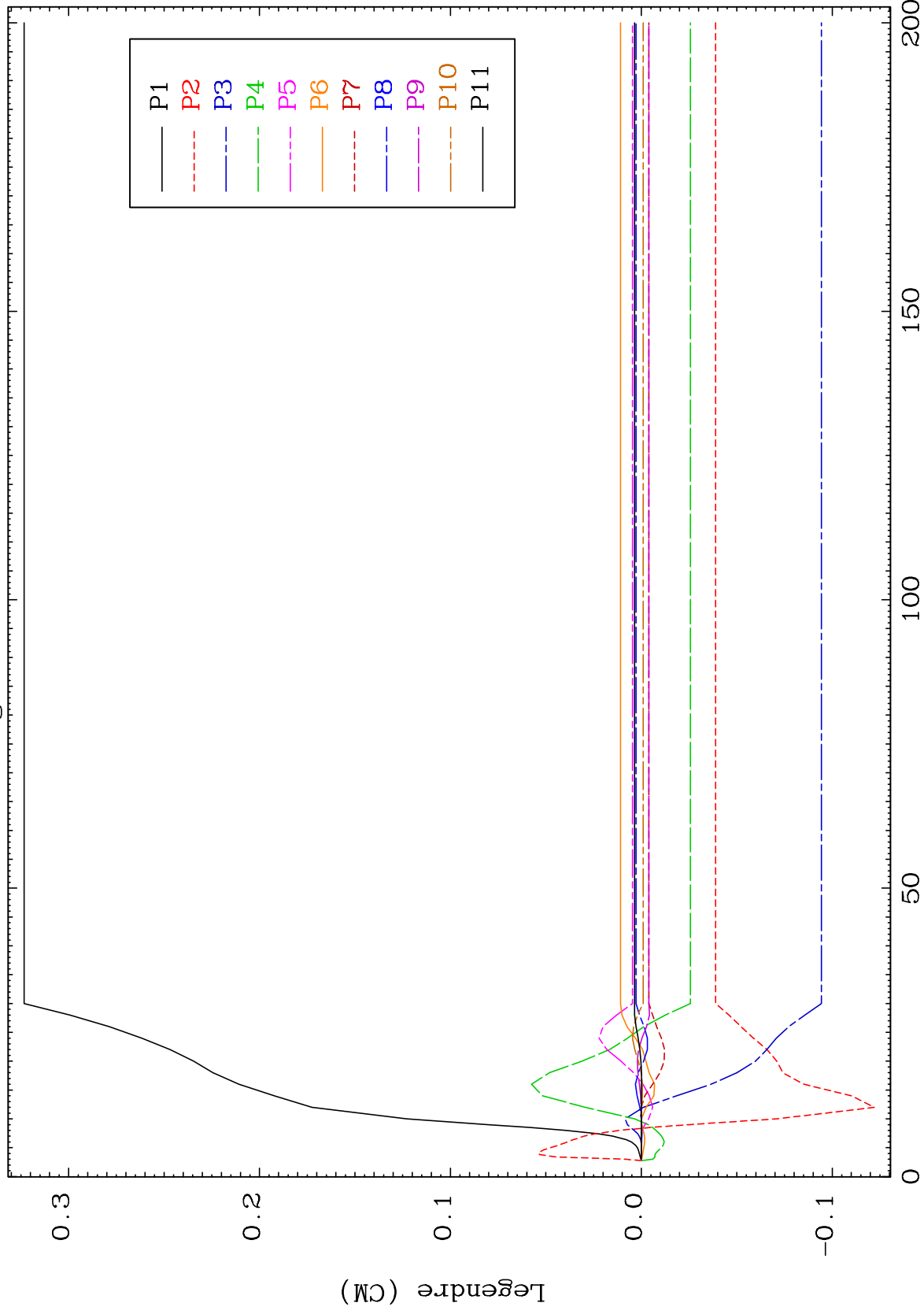
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



71

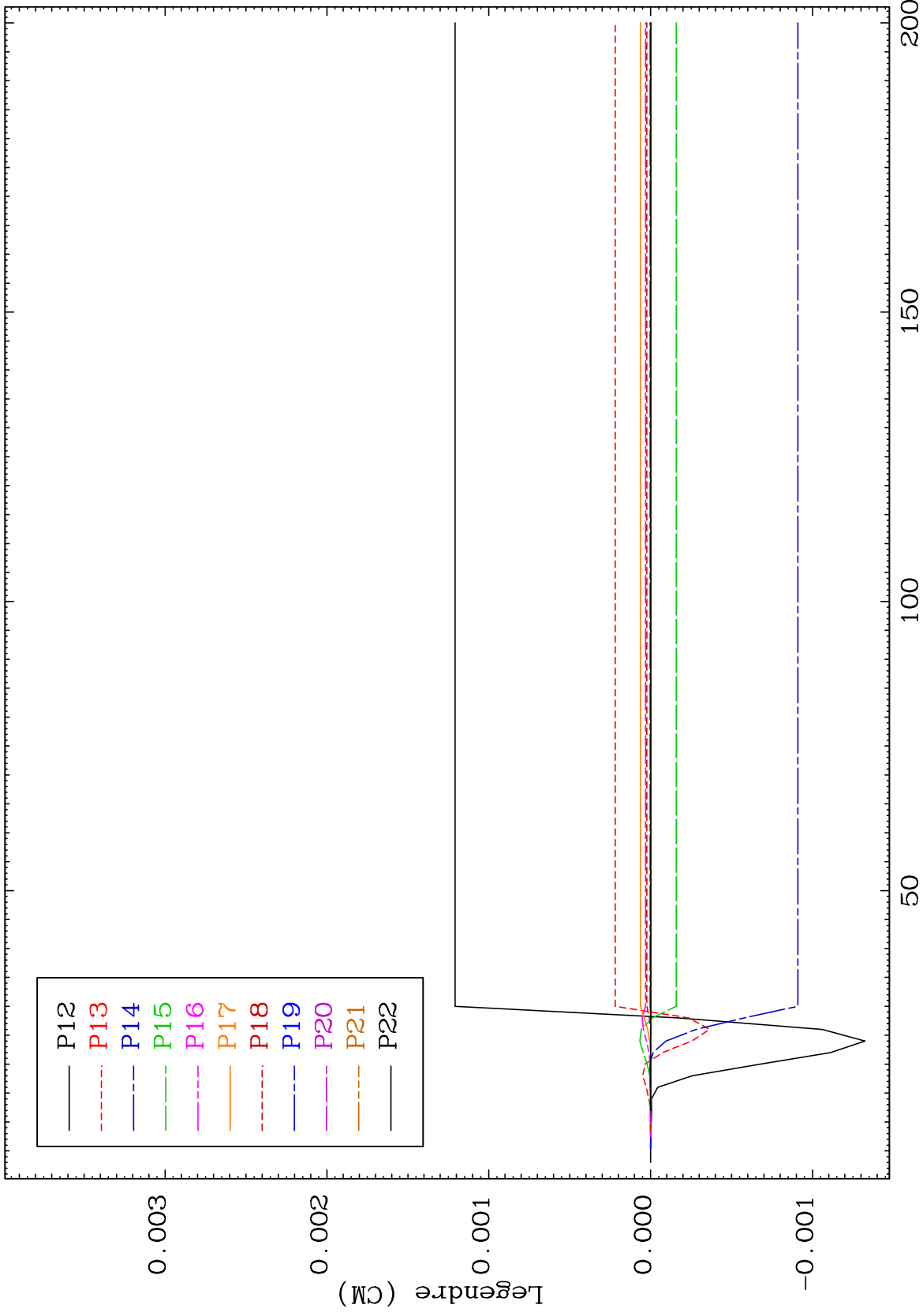
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



72

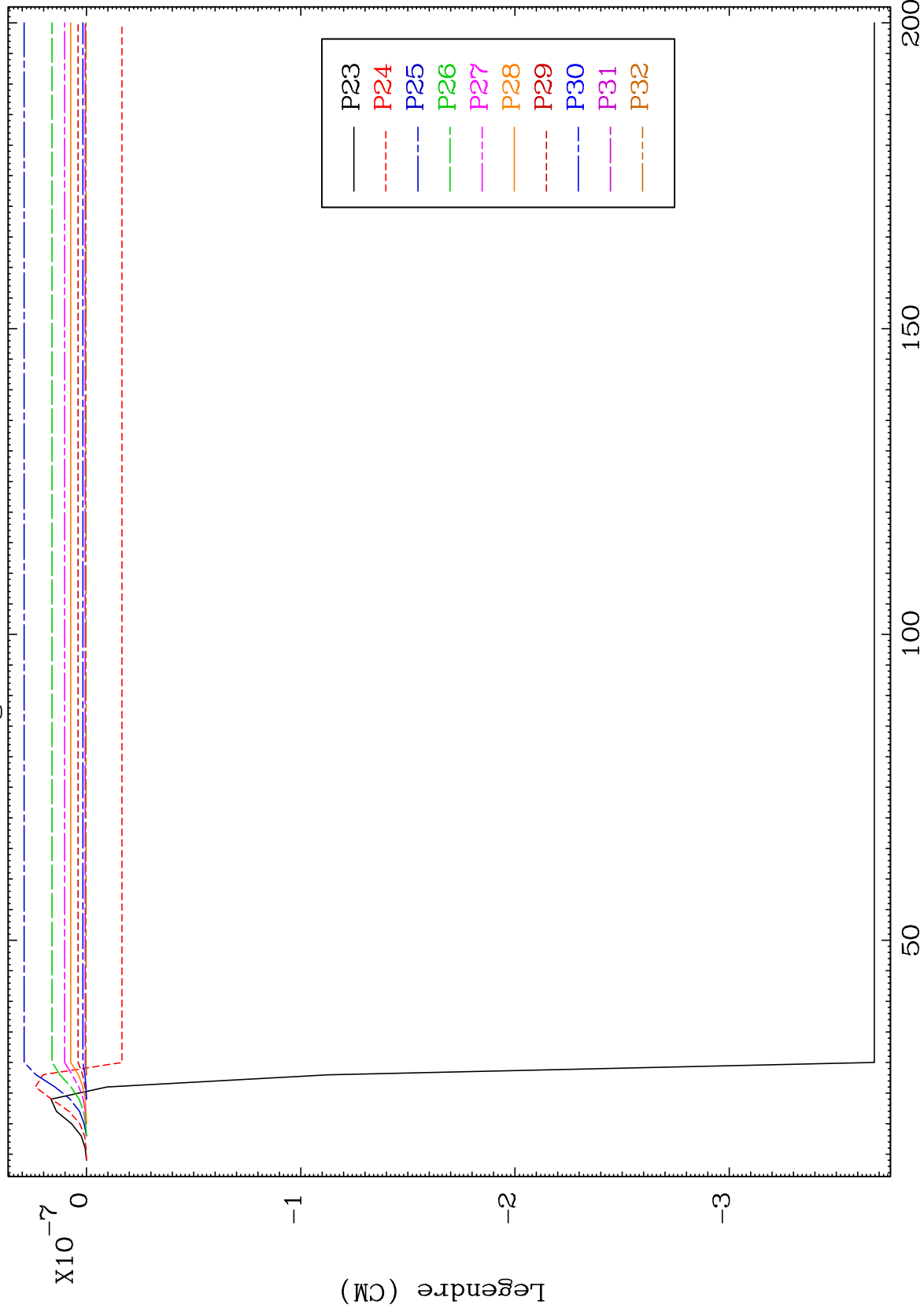
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



73

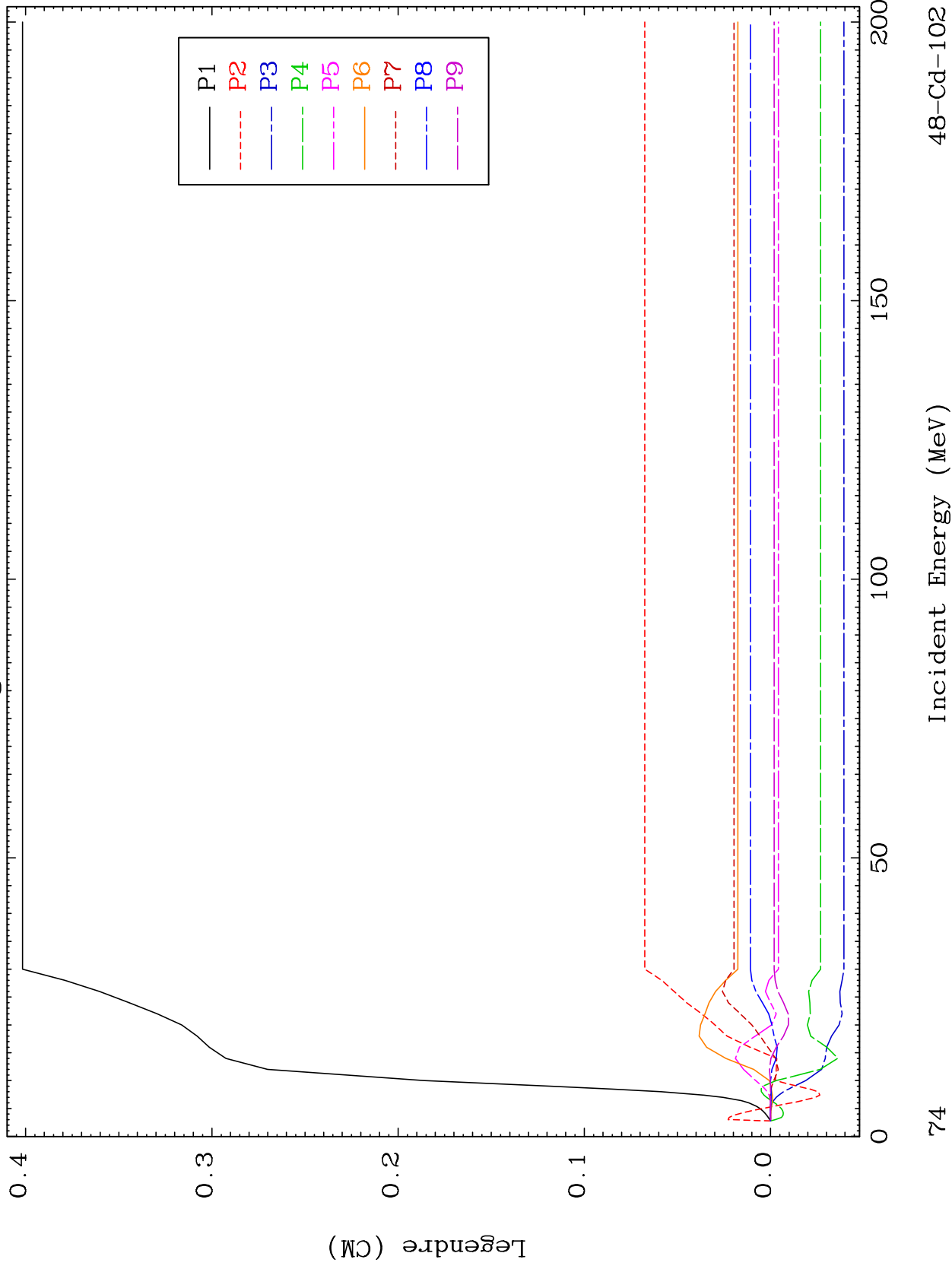
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



74

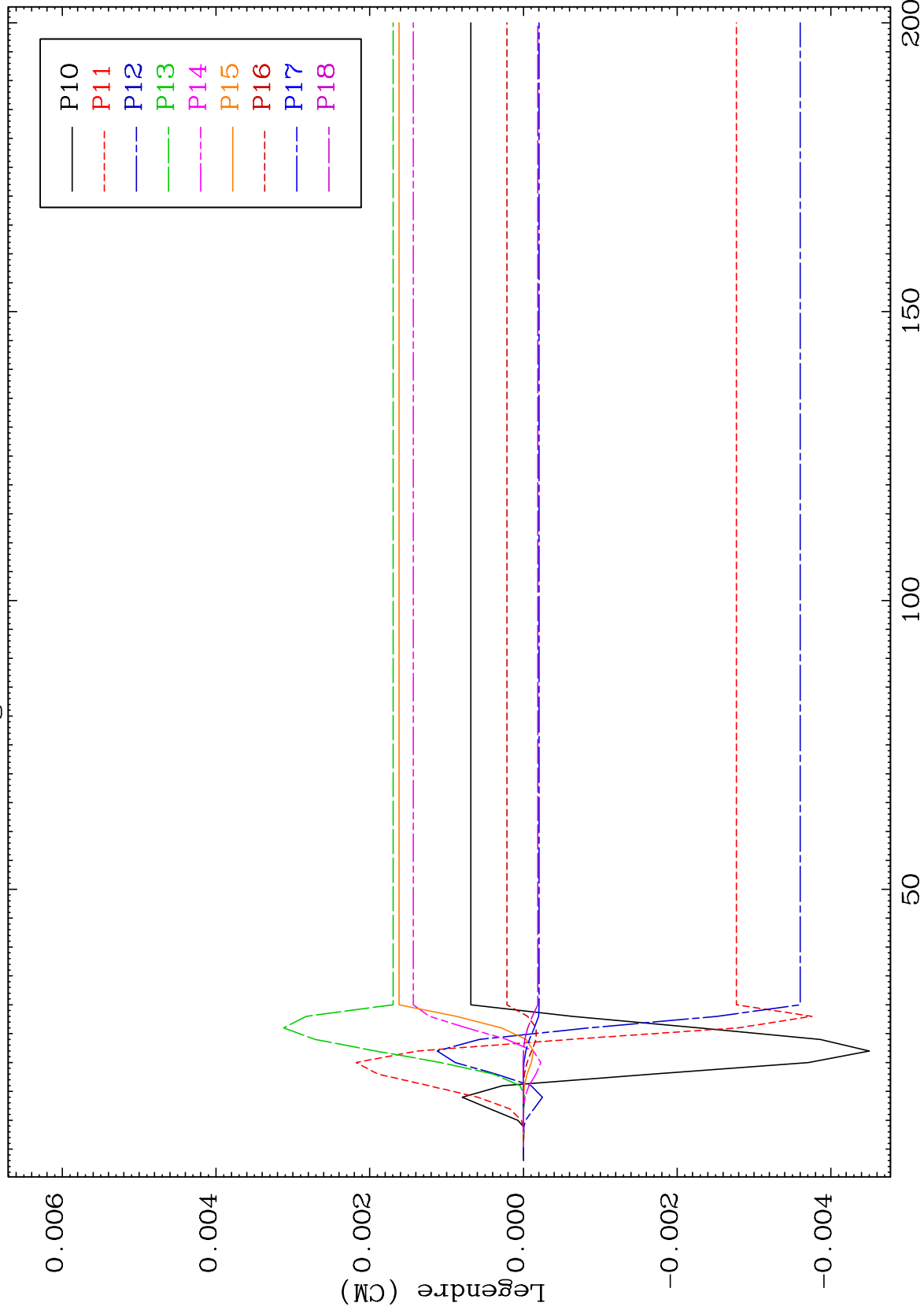
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

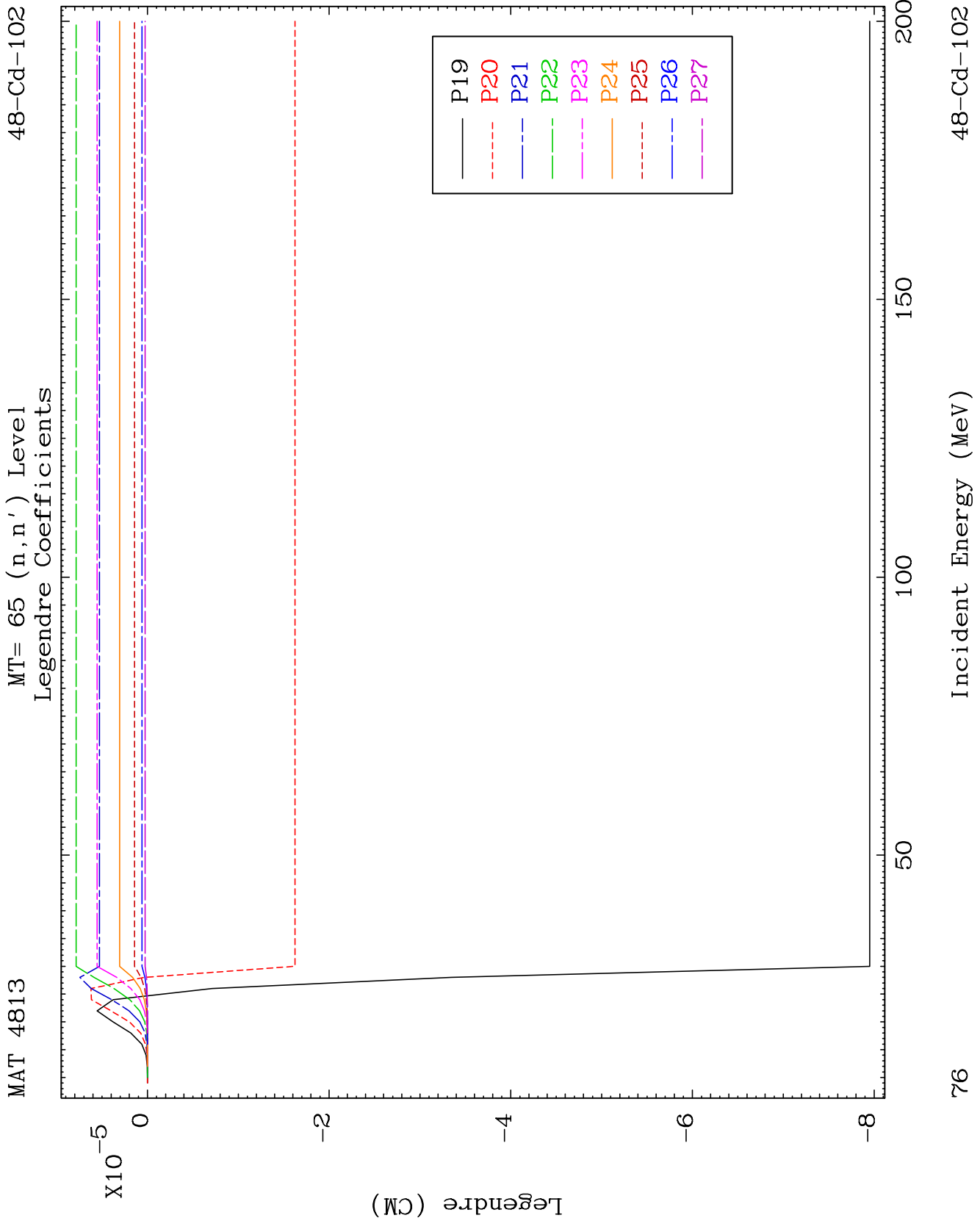
48-Cd-102



75

Incident Energy (MeV)

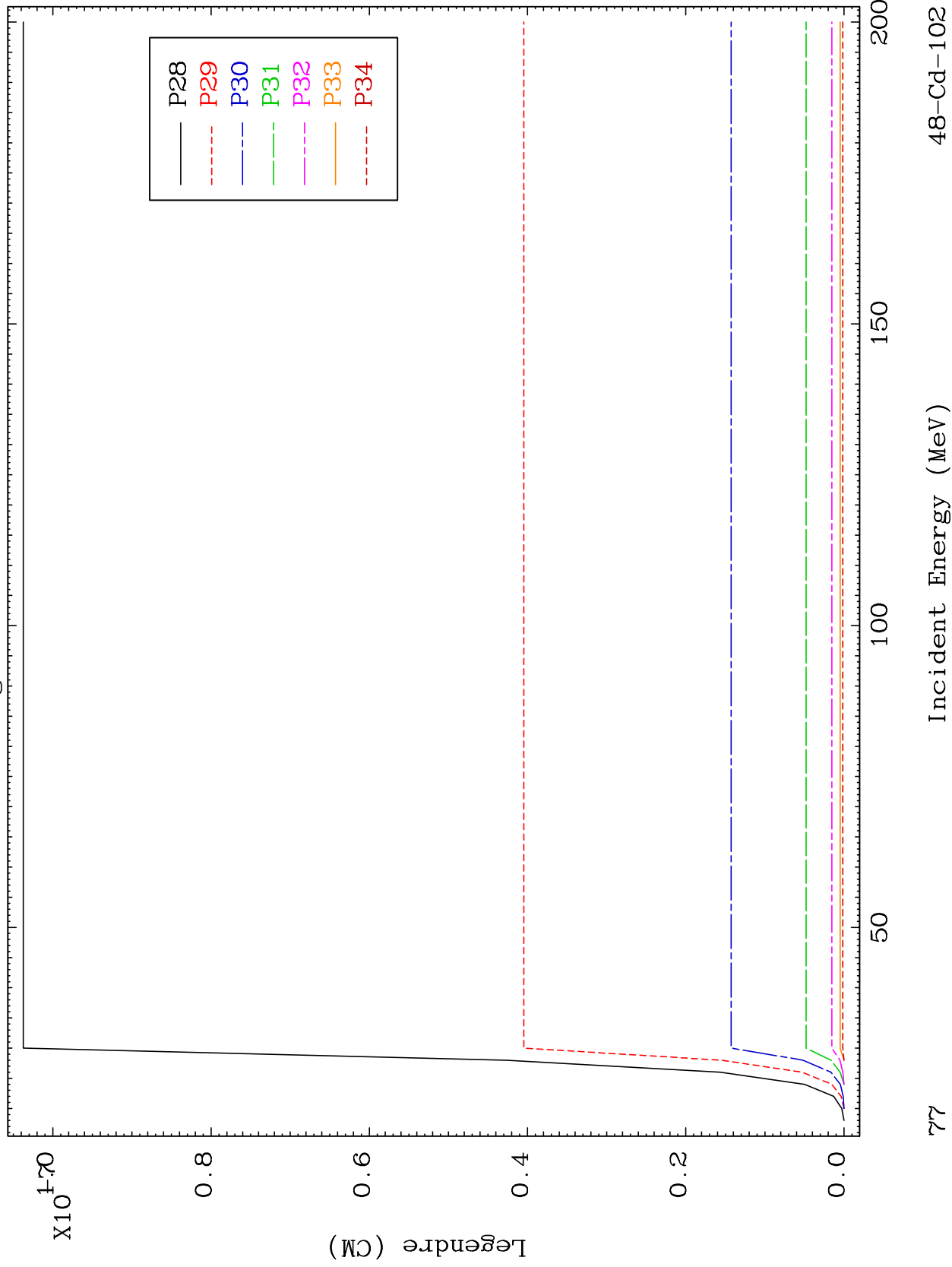
48-Cd-102



MAT 4813

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

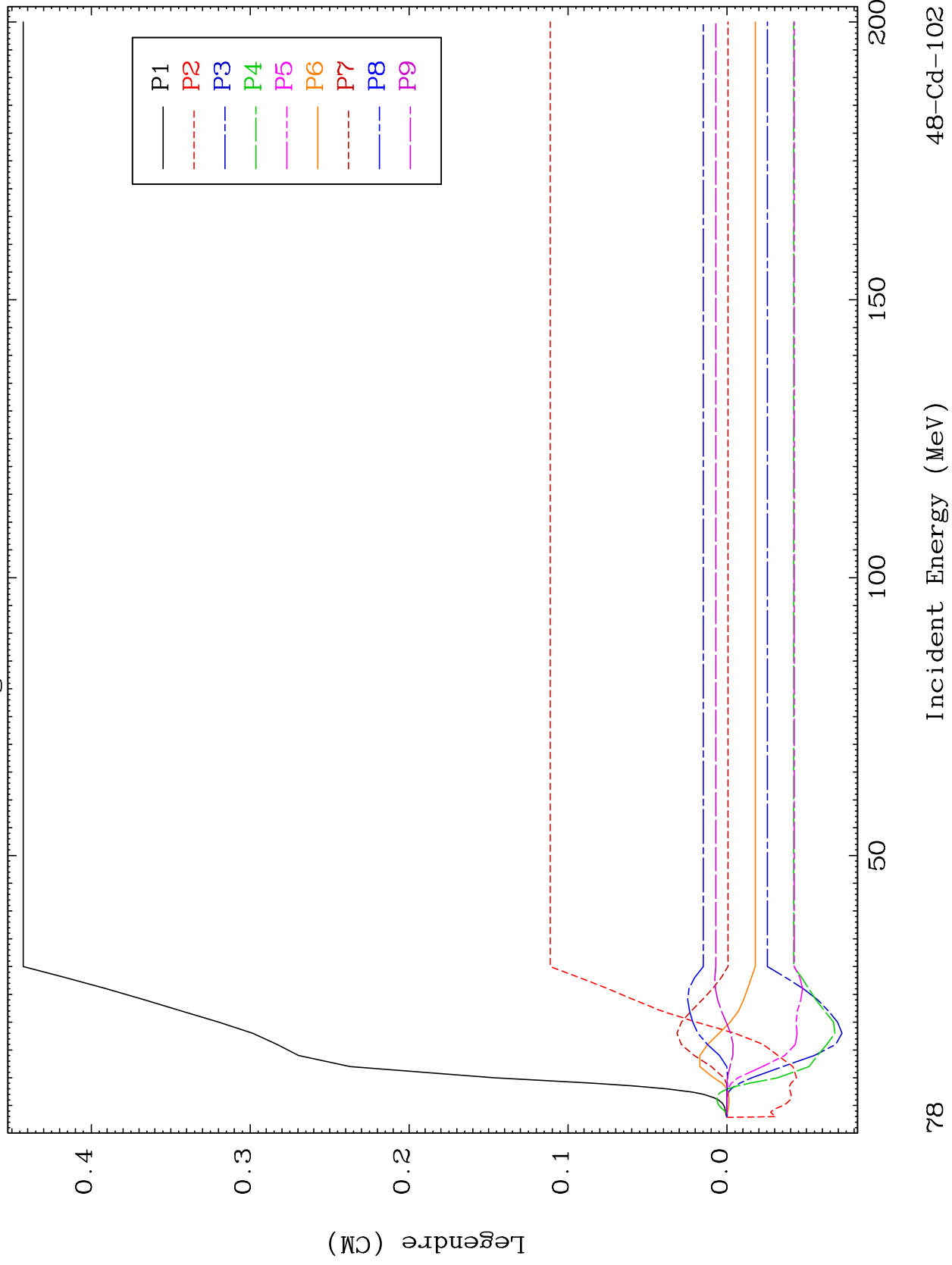
48-Cd-102



MAT 4813

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

48-Cd-102



78

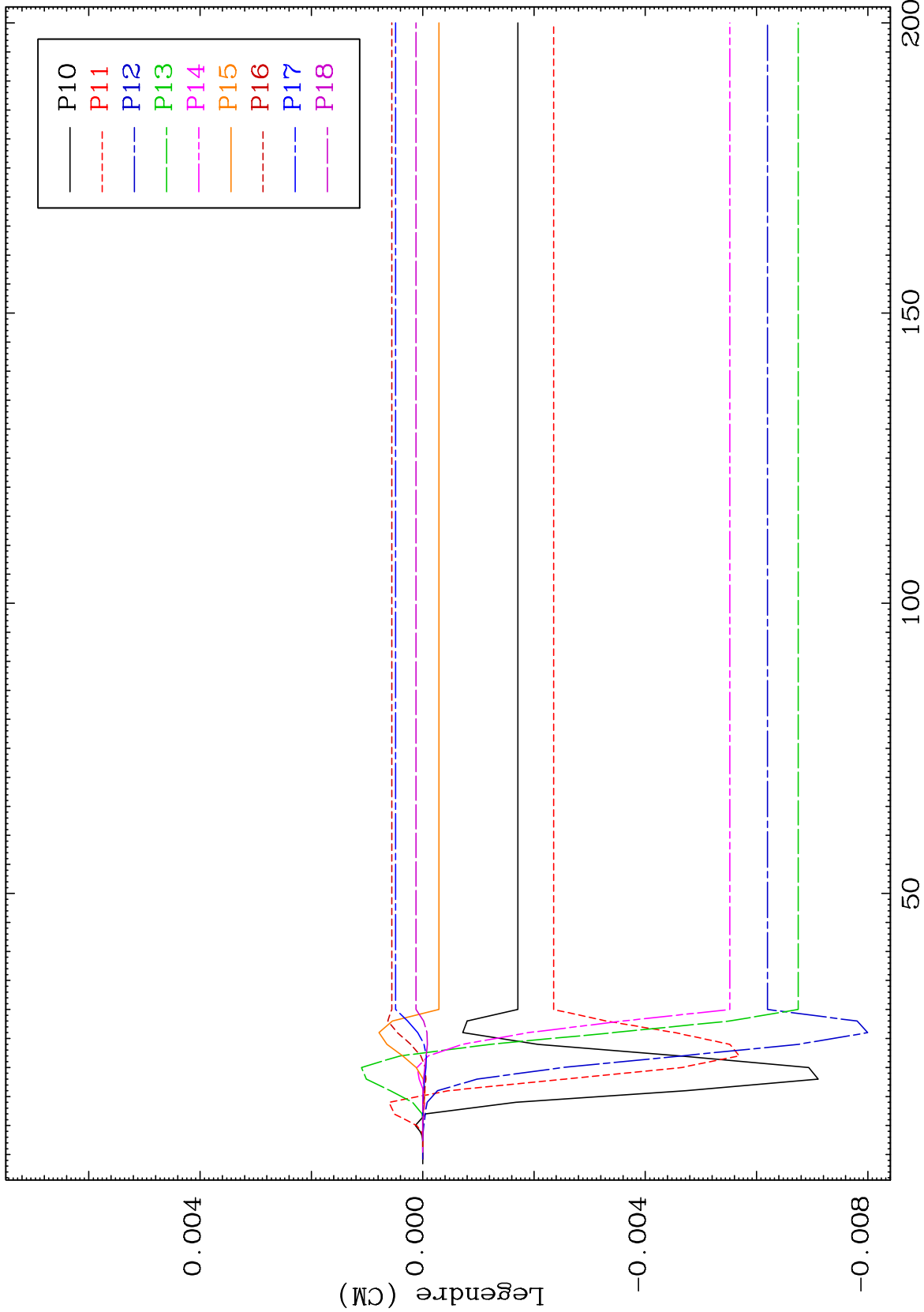
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



79

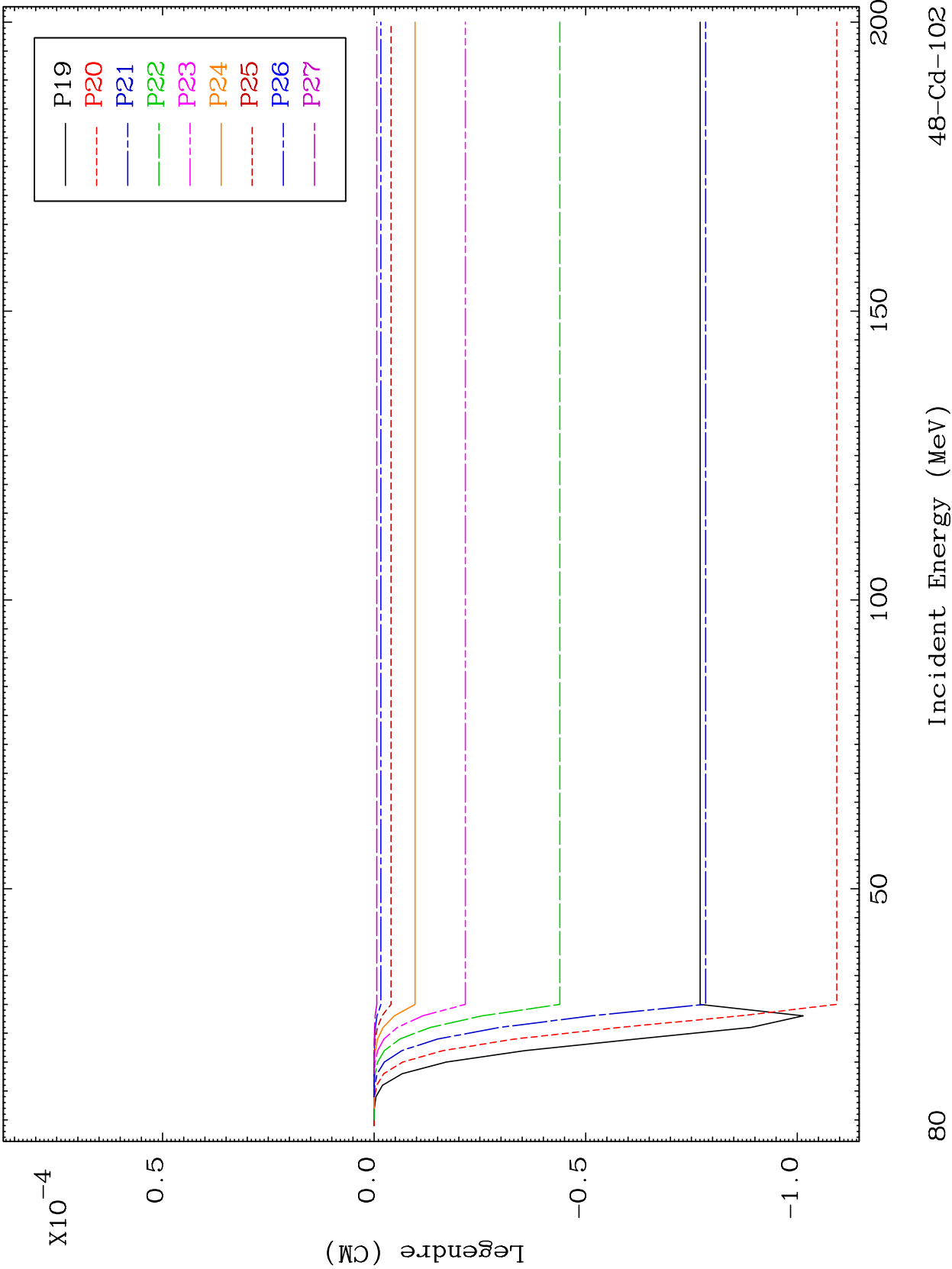
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



80

Incident Energy (MeV)

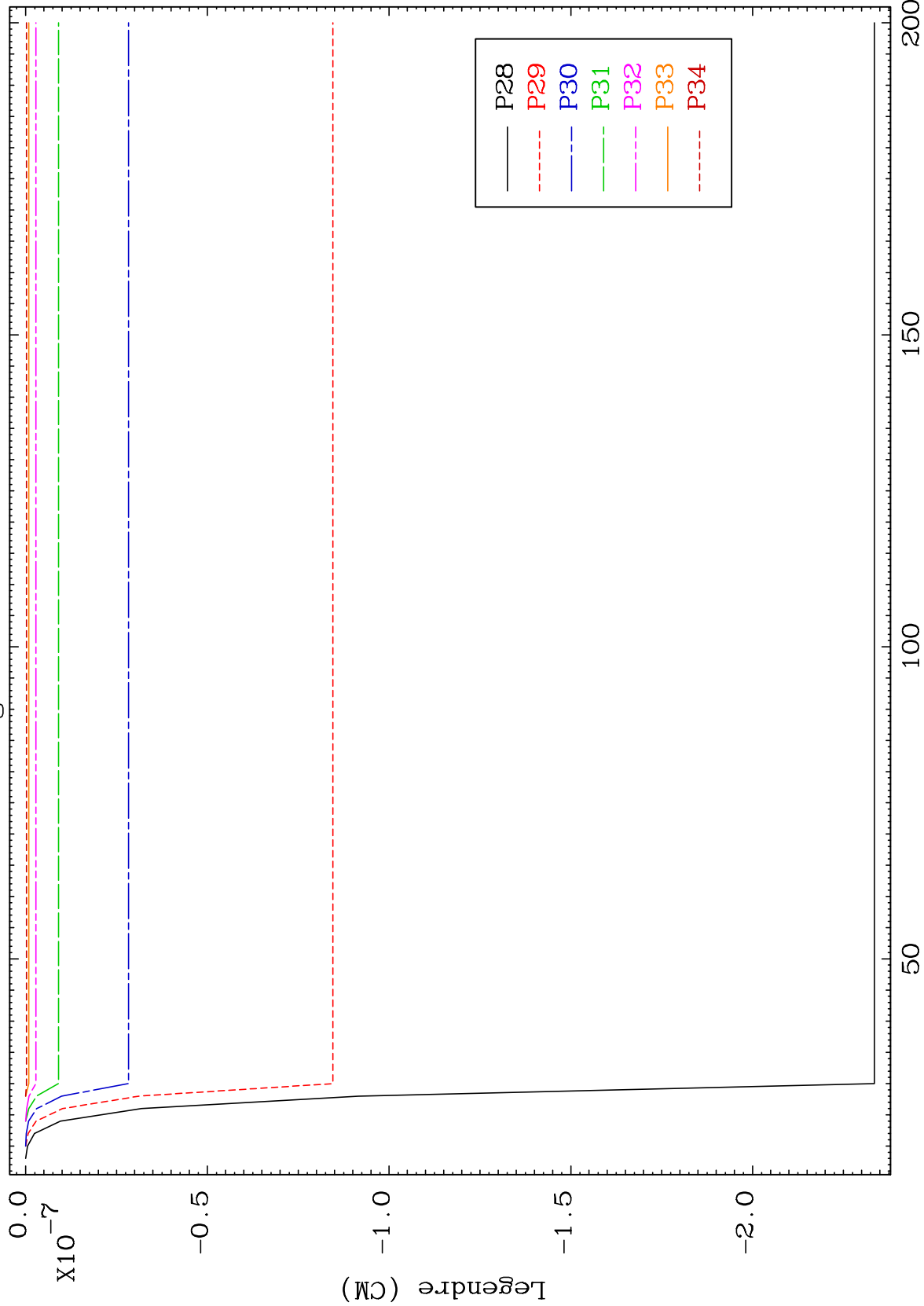
48-Cd-102

MAT 4813

MT= 66 (n,n') Level

48-Cd-102

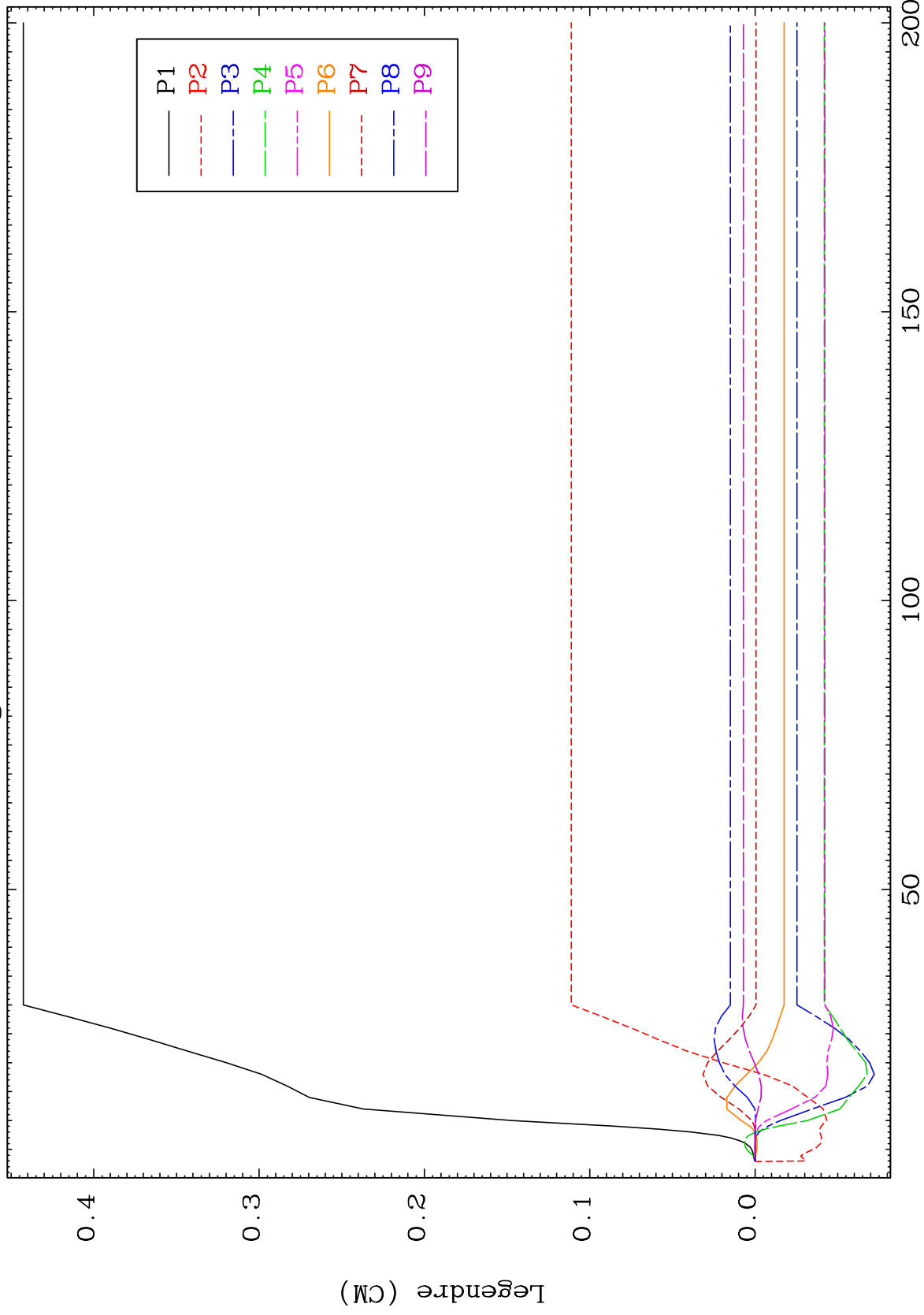
Legendre Coefficients



MAT 4813

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

48-Cd-102



82

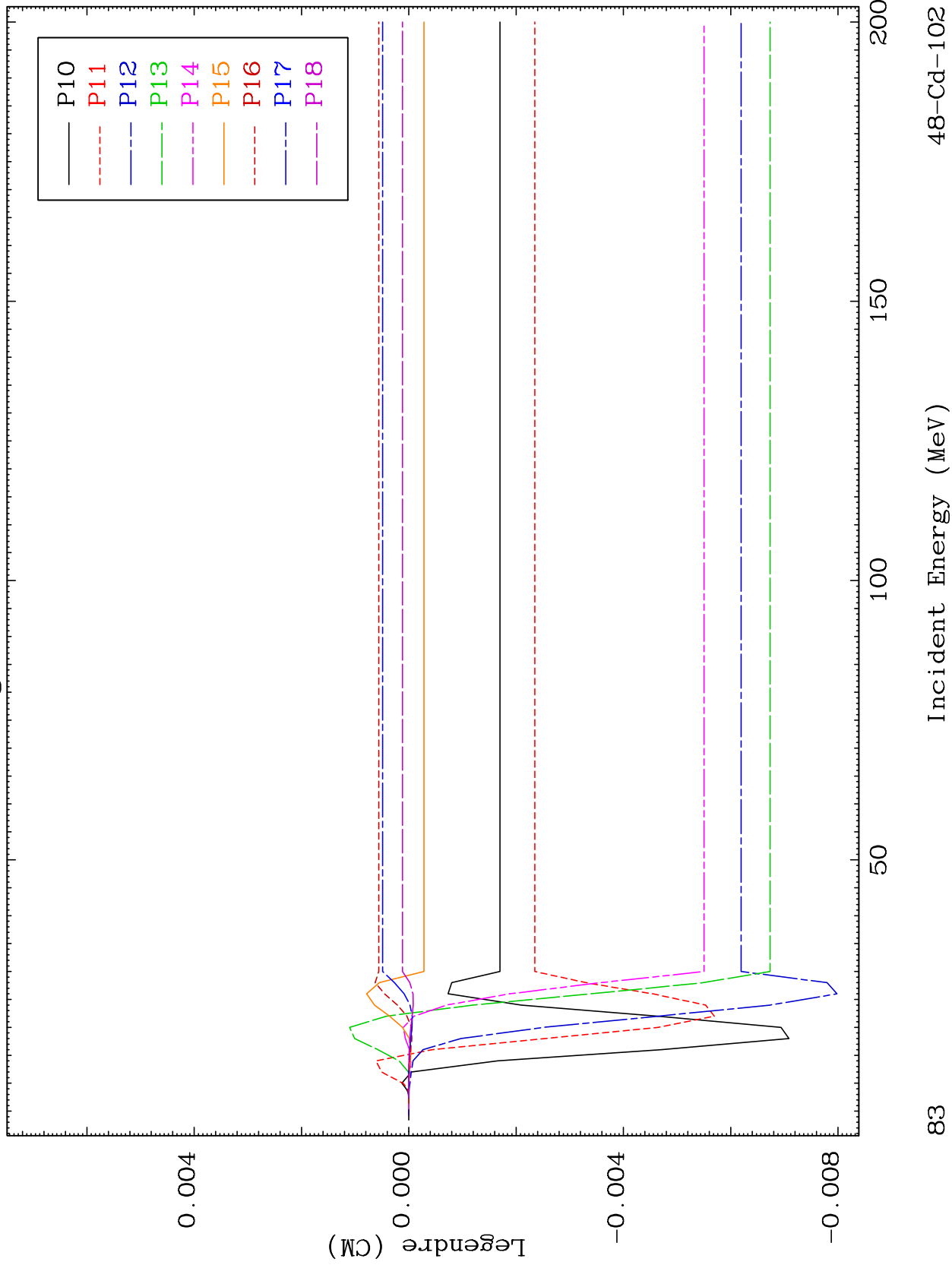
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



83

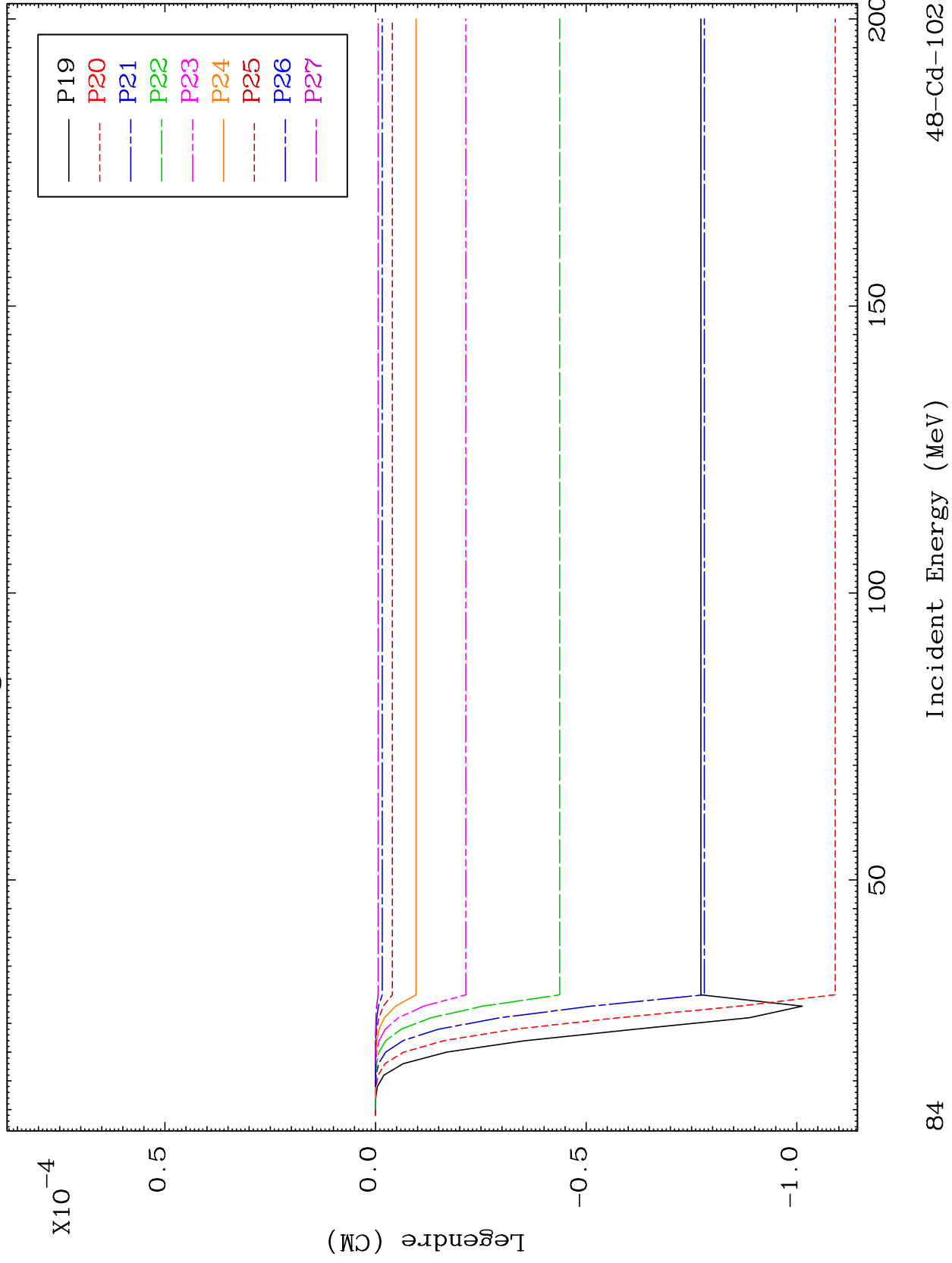
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102

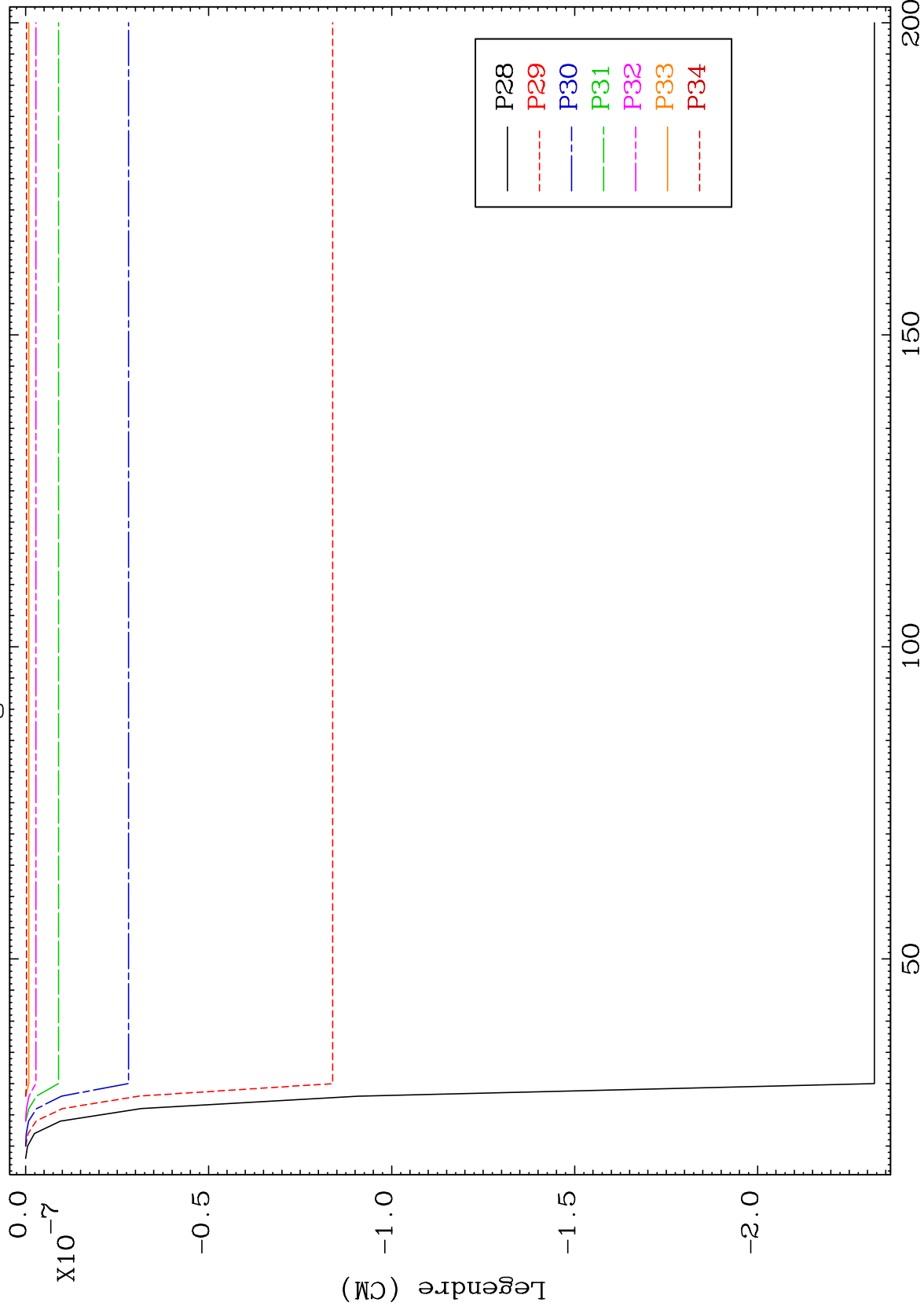


MAT 4813

MT= 67 (n,n') Level

48-Cd-102

Legendre Coefficients



85

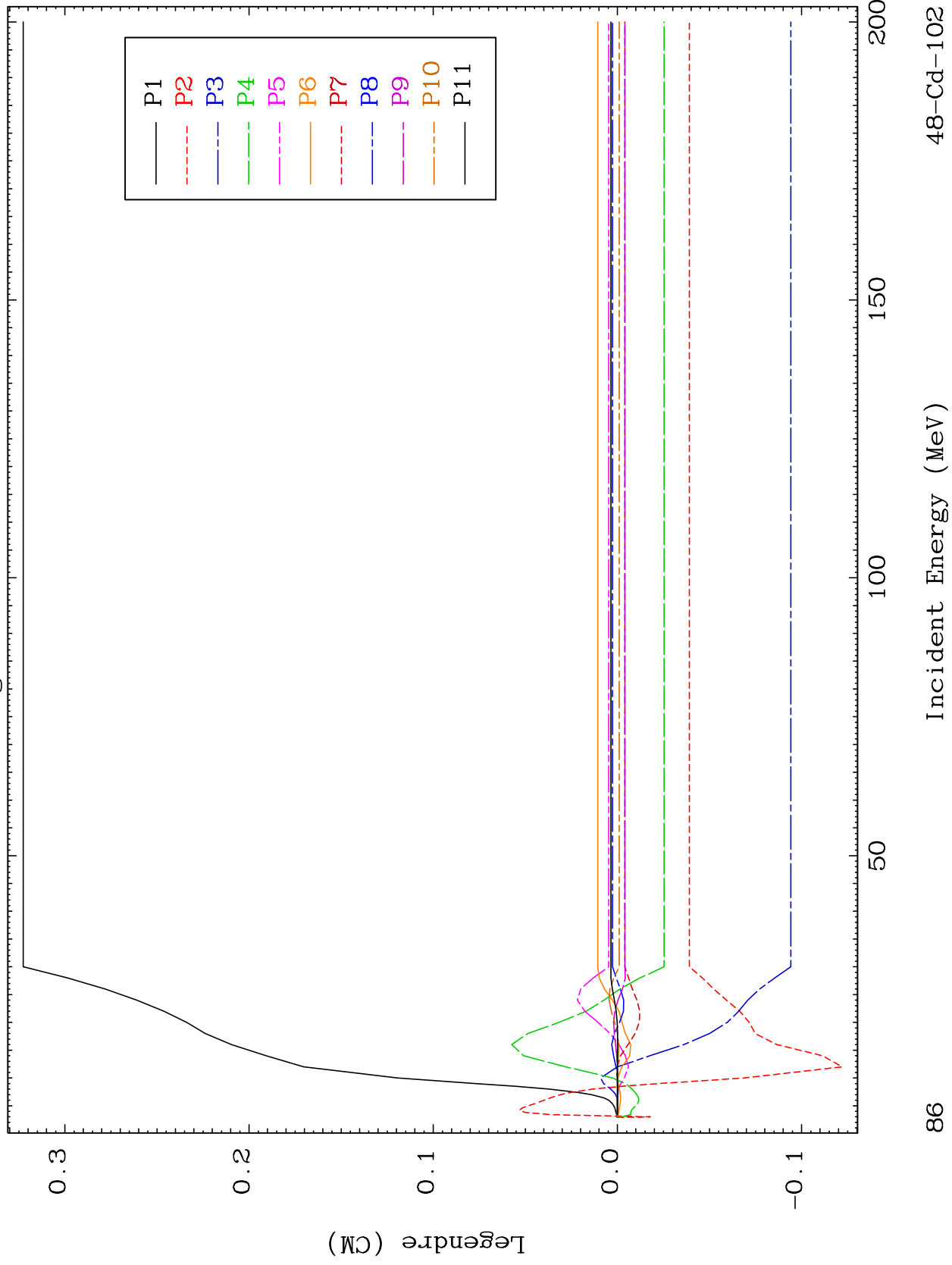
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



86

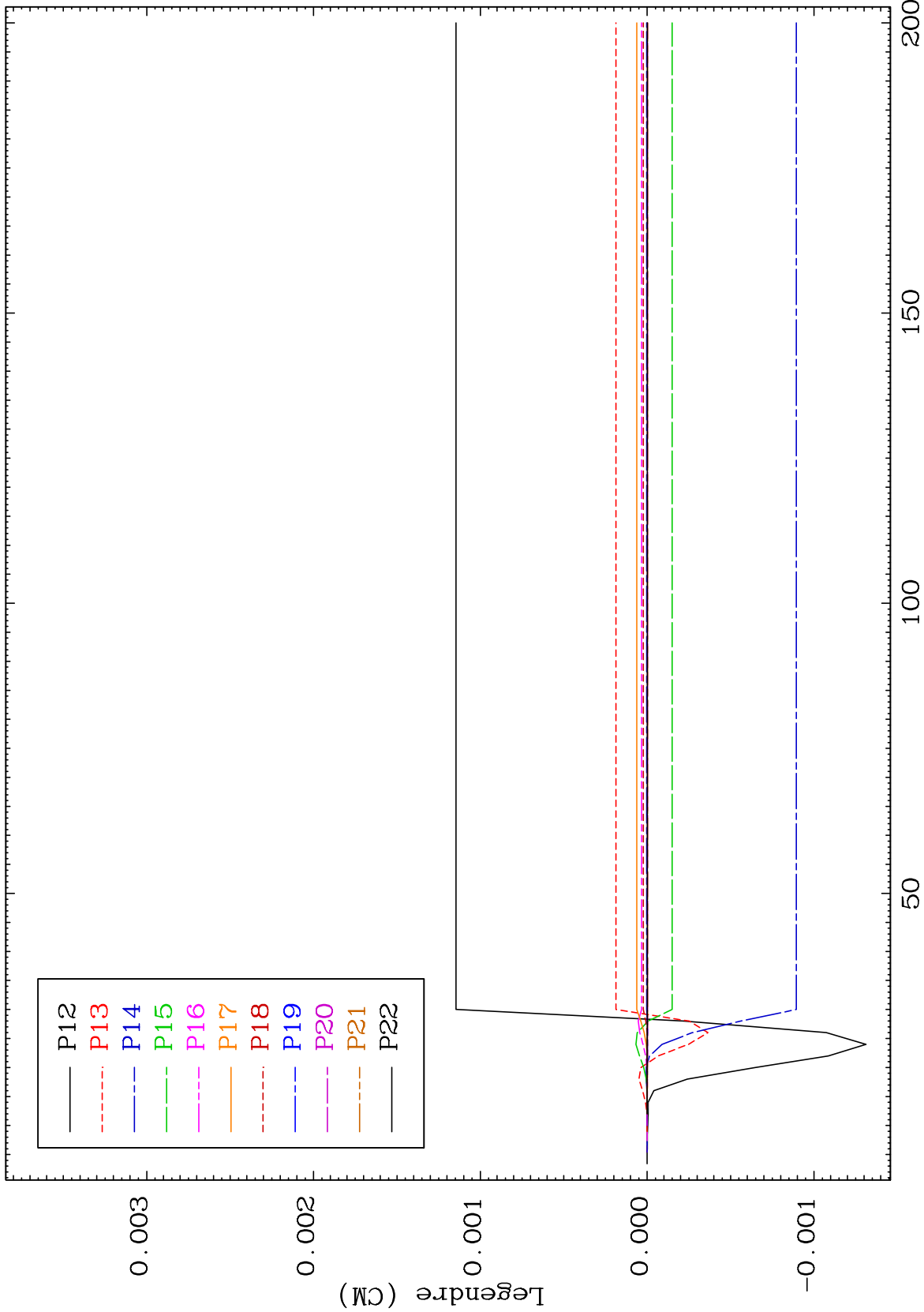
Incident Energy (MeV)

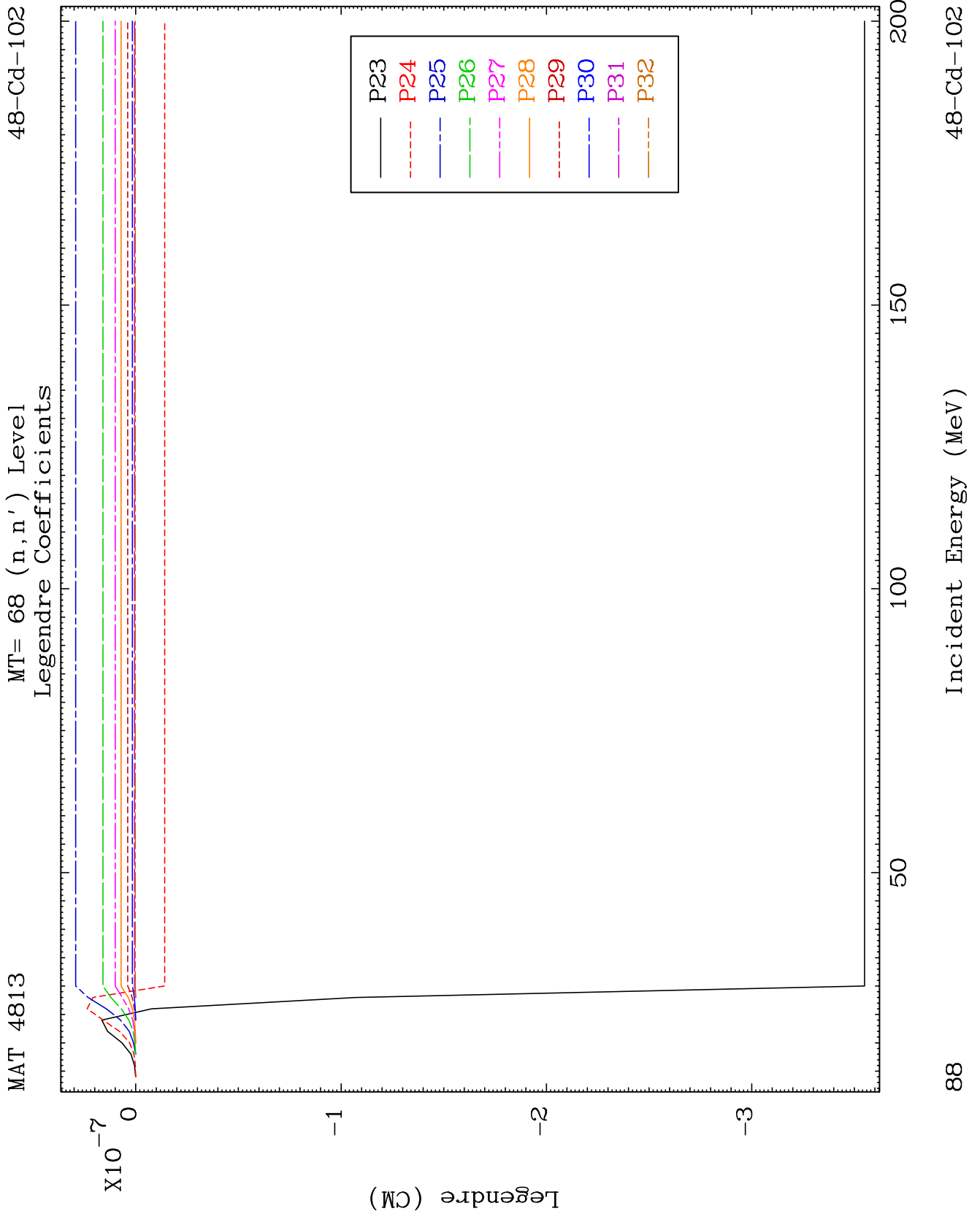
48-Cd-102

MAT 4813

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

48-Cd-102

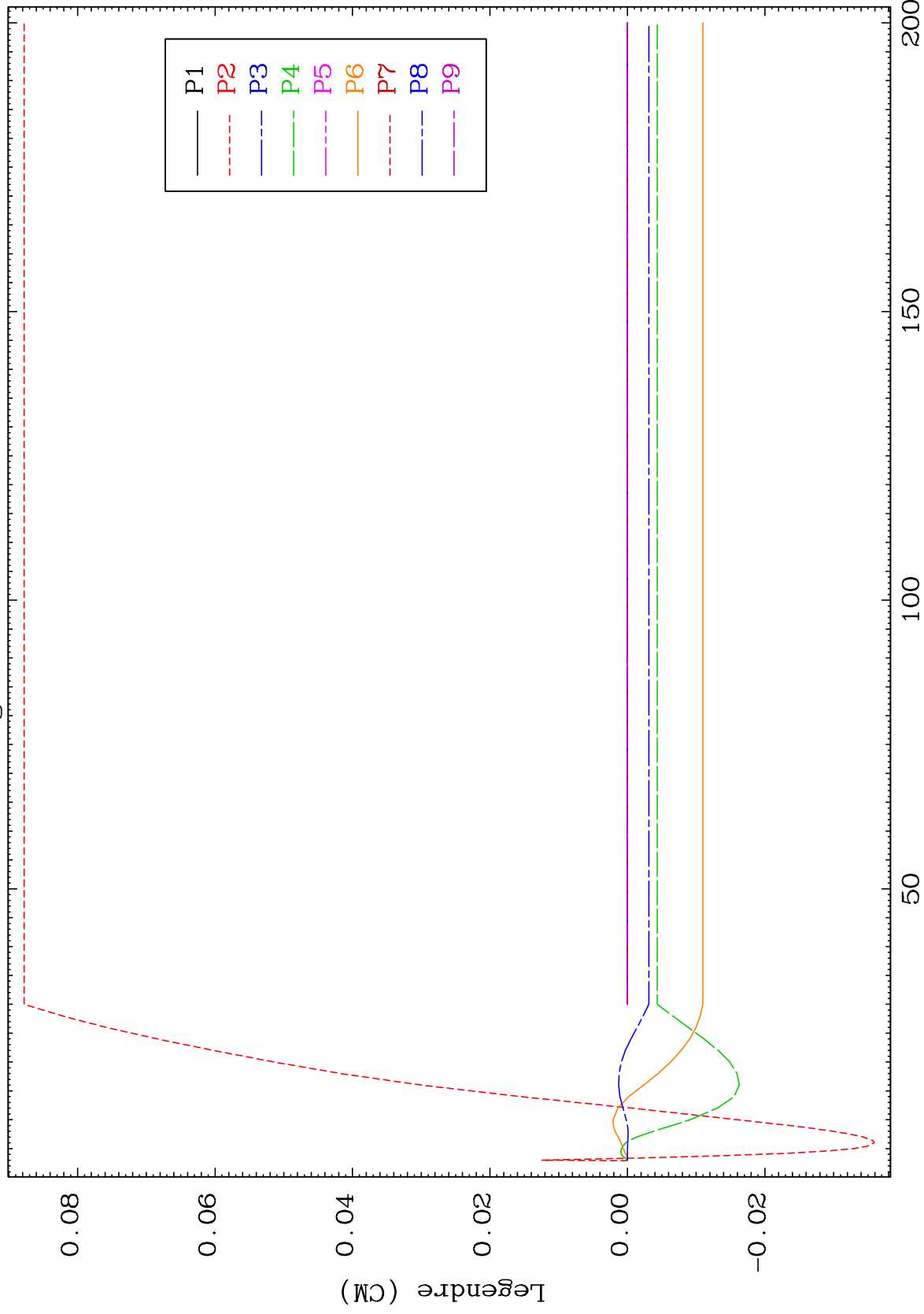




MAT 4813

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

48-Cd-102



89

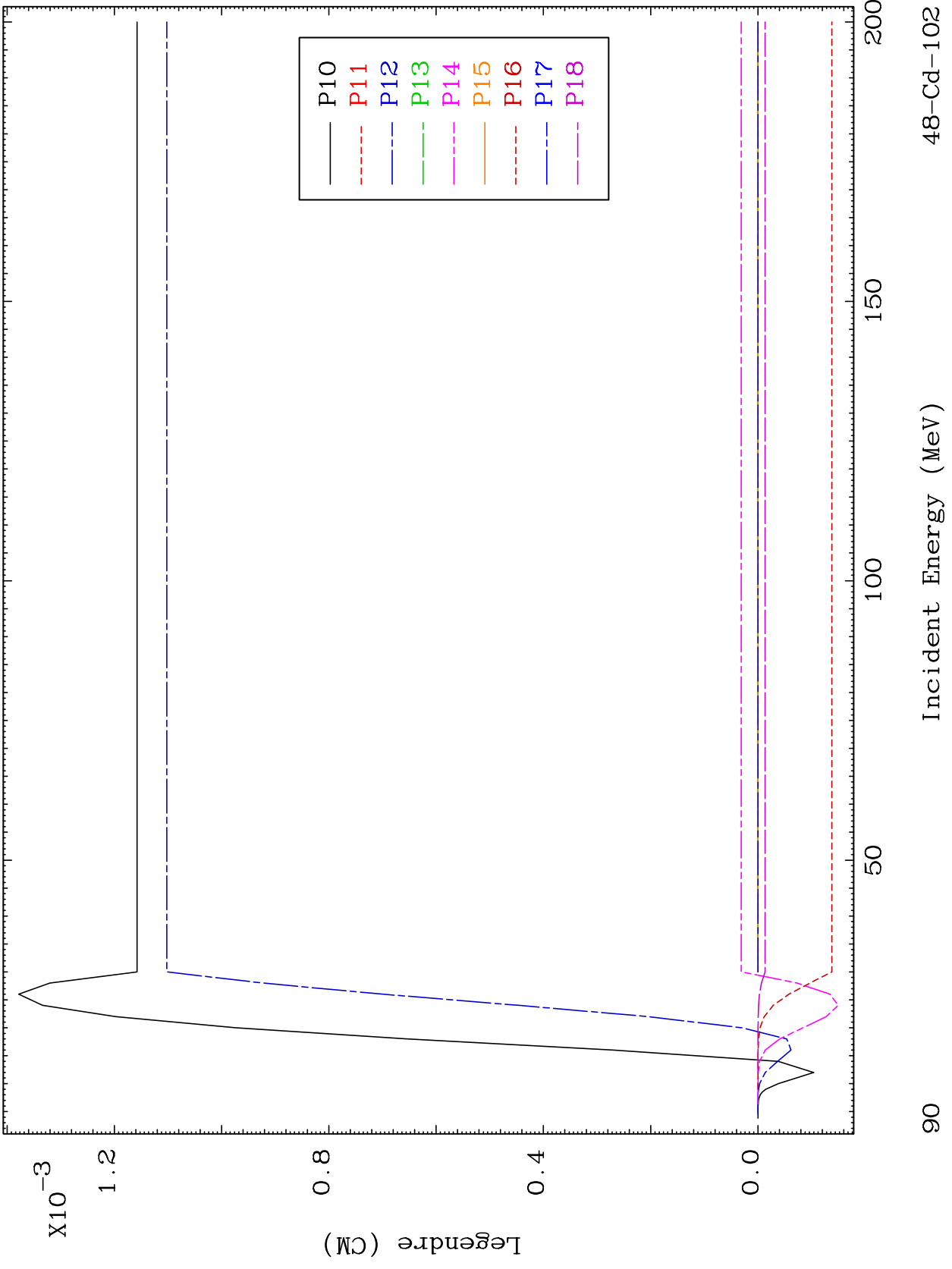
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

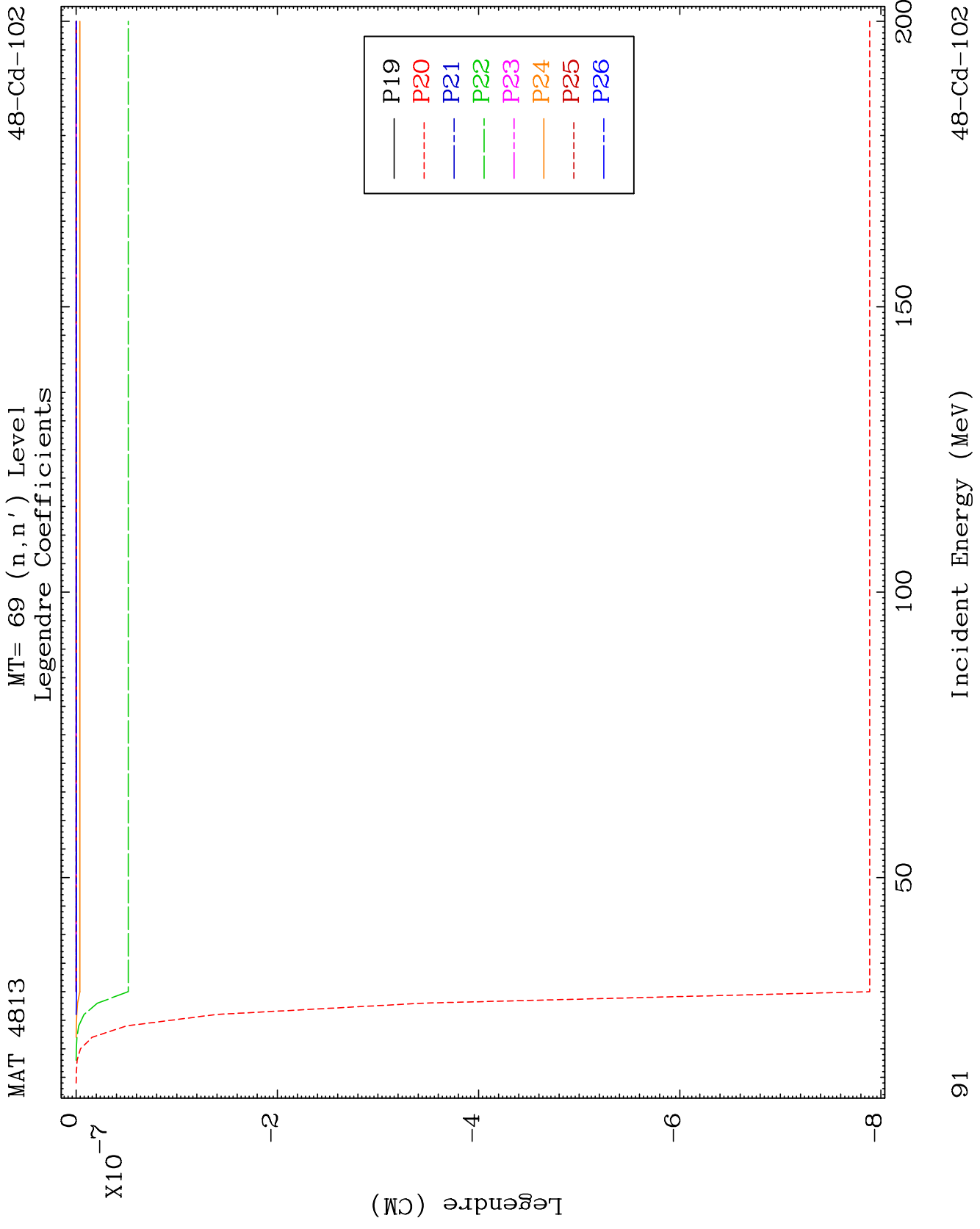
48-Cd-102



90

Incident Energy (MeV)

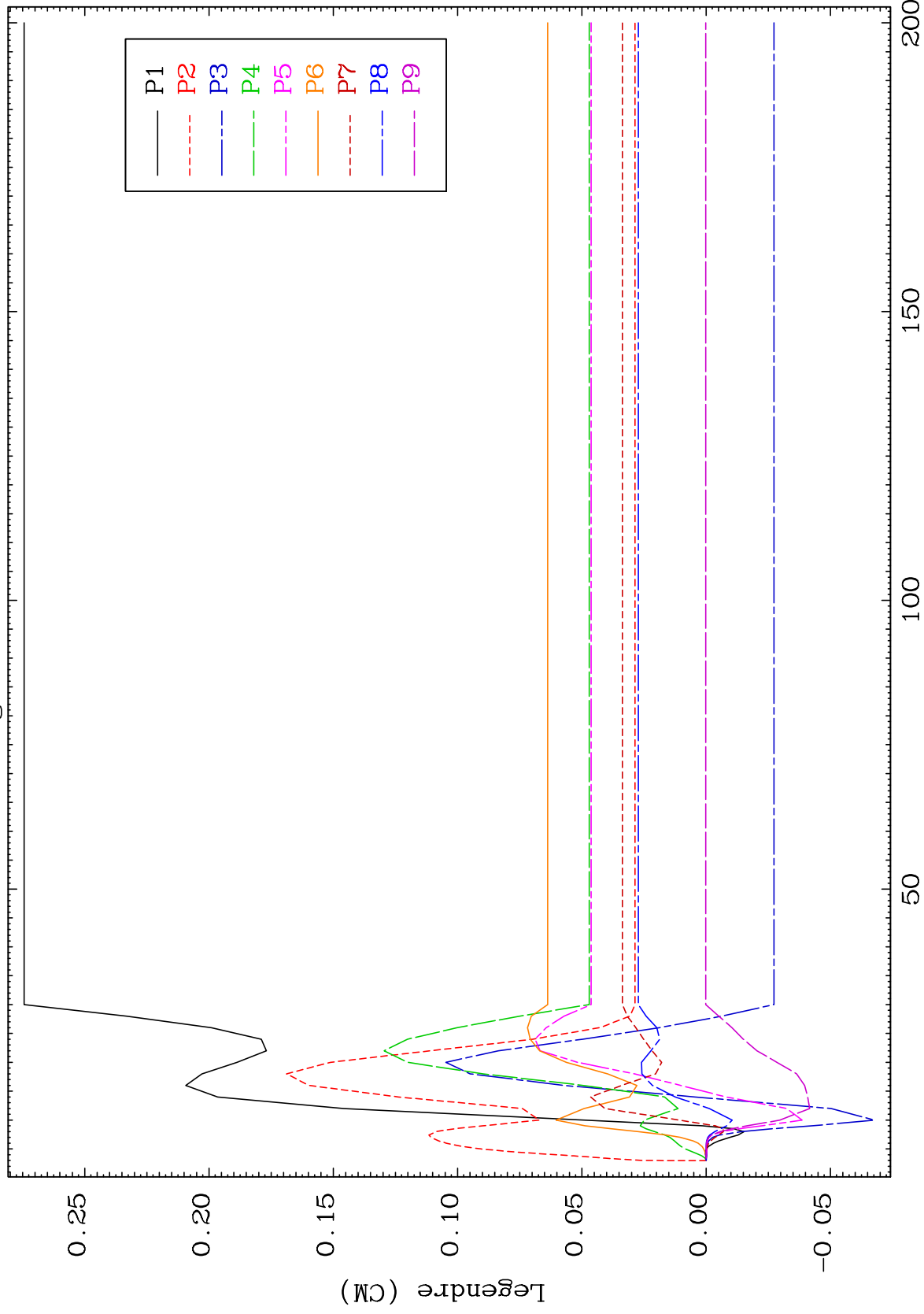
48-Cd-102



MAT 4813

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

48-Cd-102



92

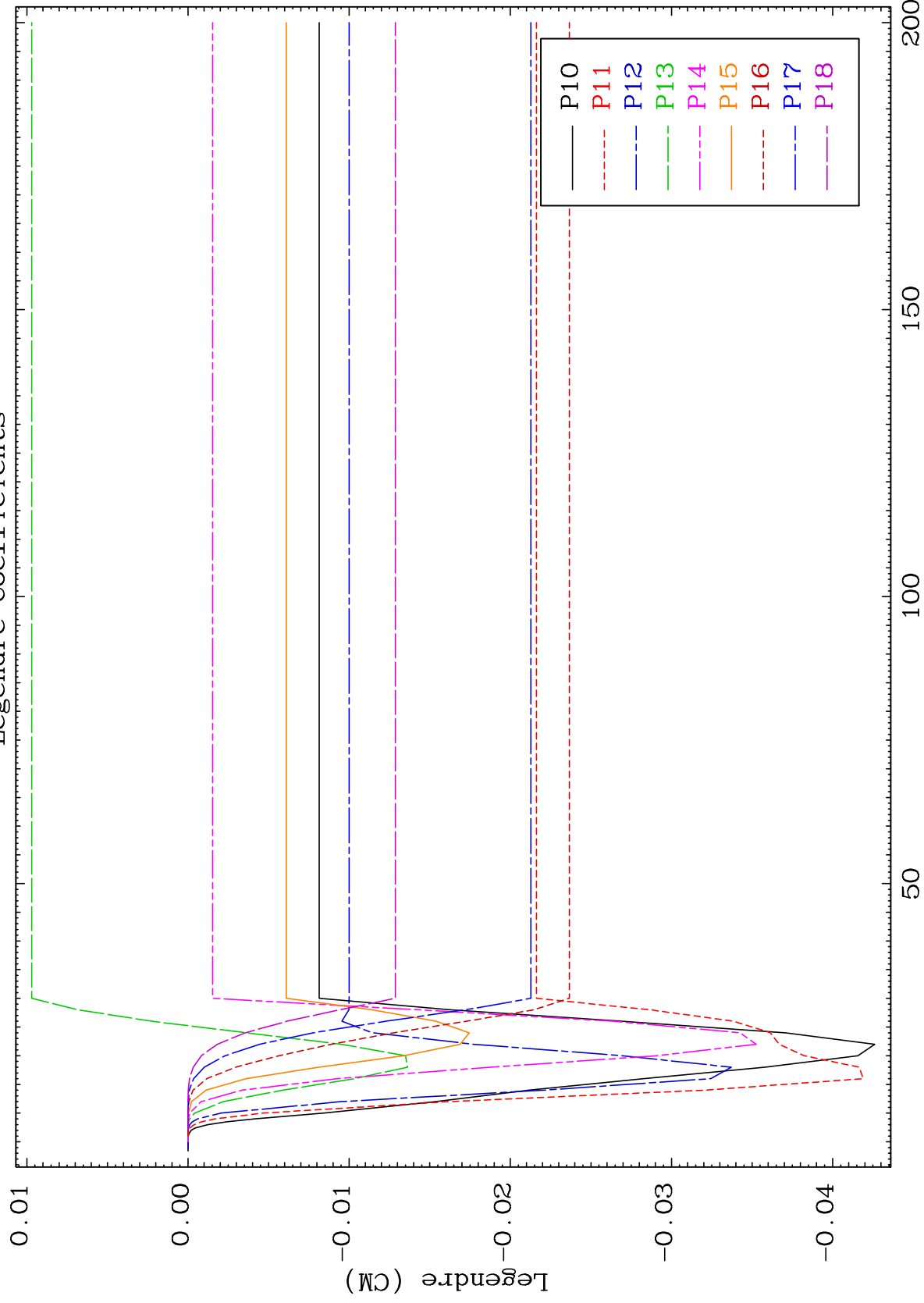
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

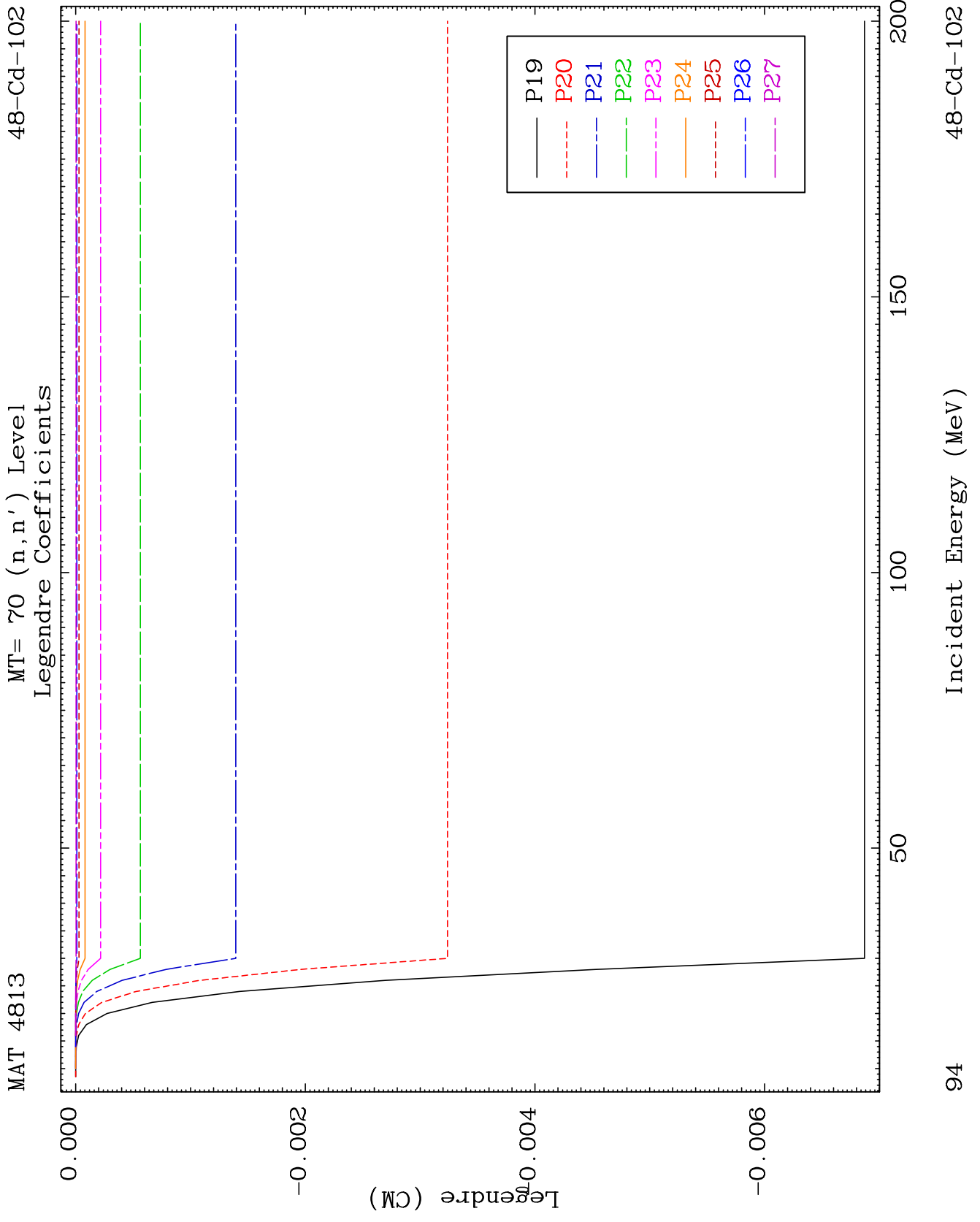
48-Cd-102

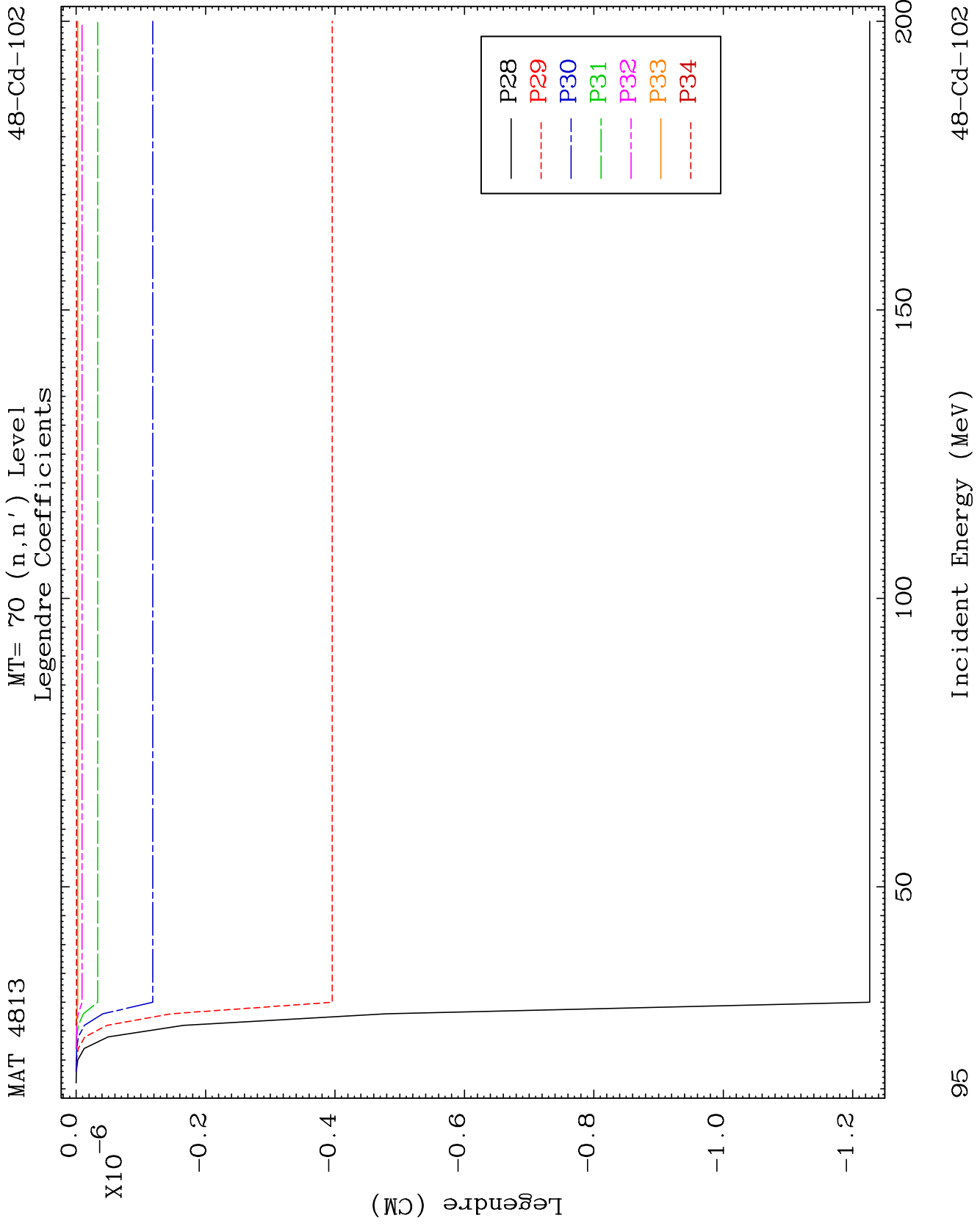


93

Incident Energy (MeV)

48-Cd-102

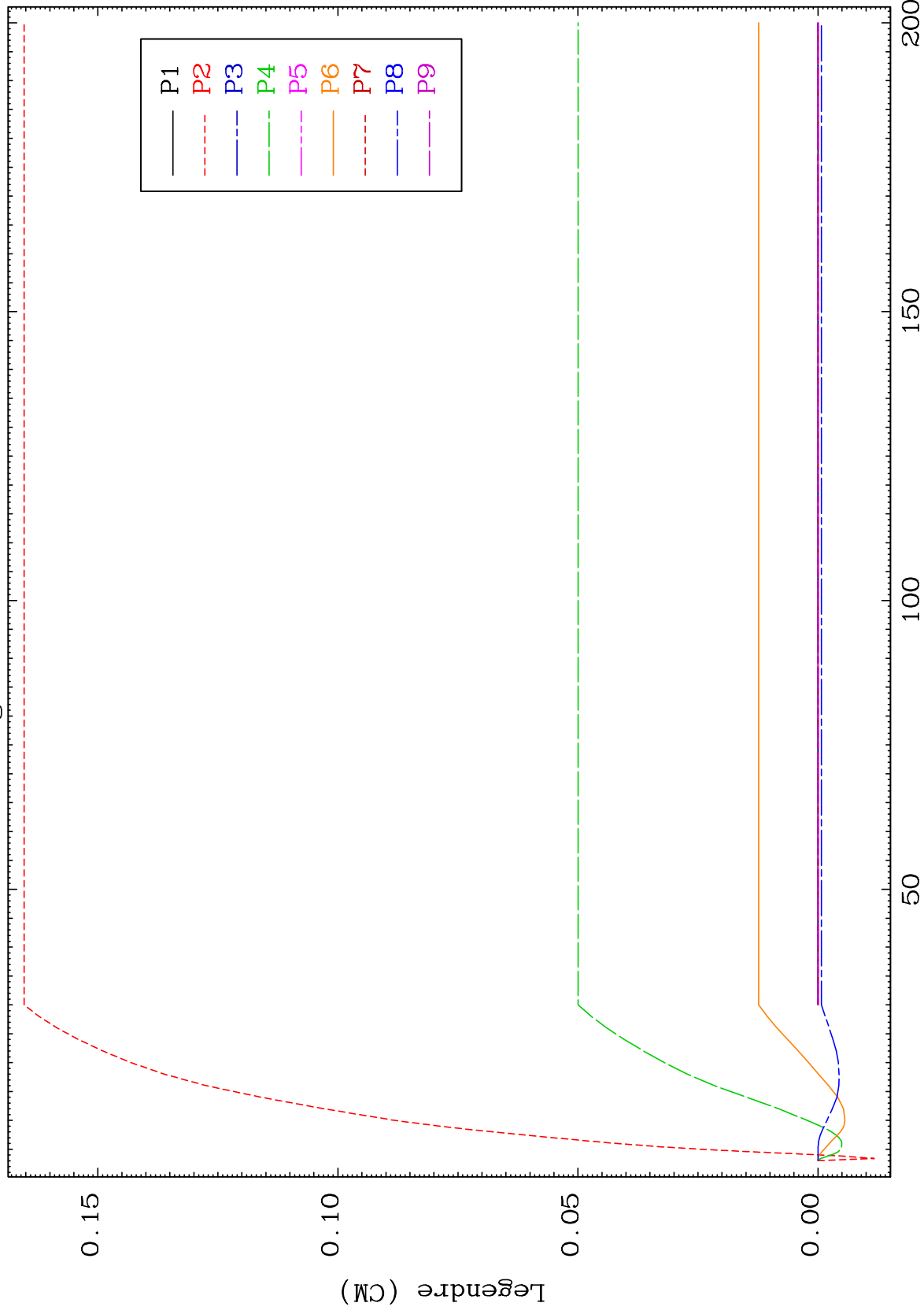




MAT 4813

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

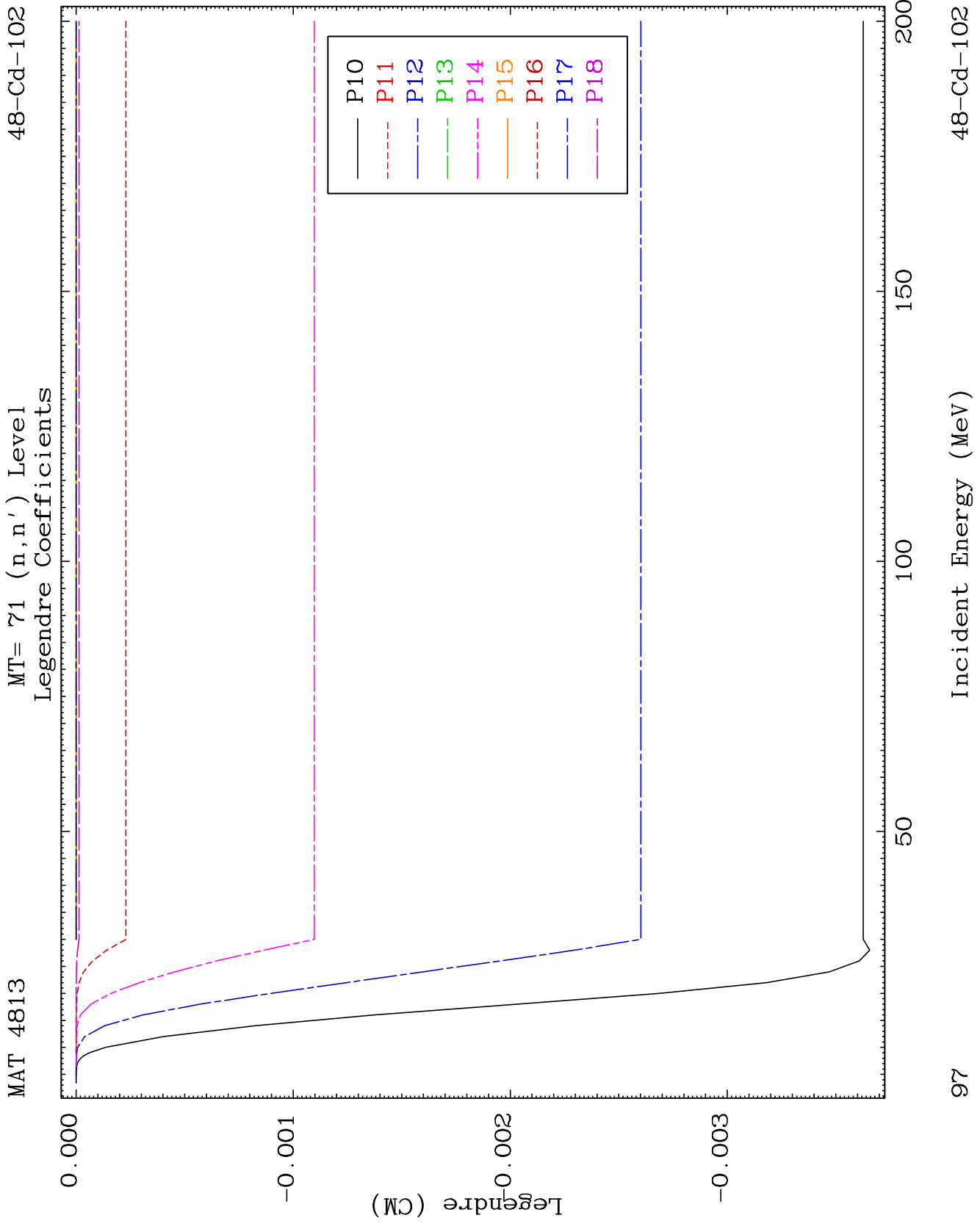
48-Cd-102



96

Incident Energy (MeV)

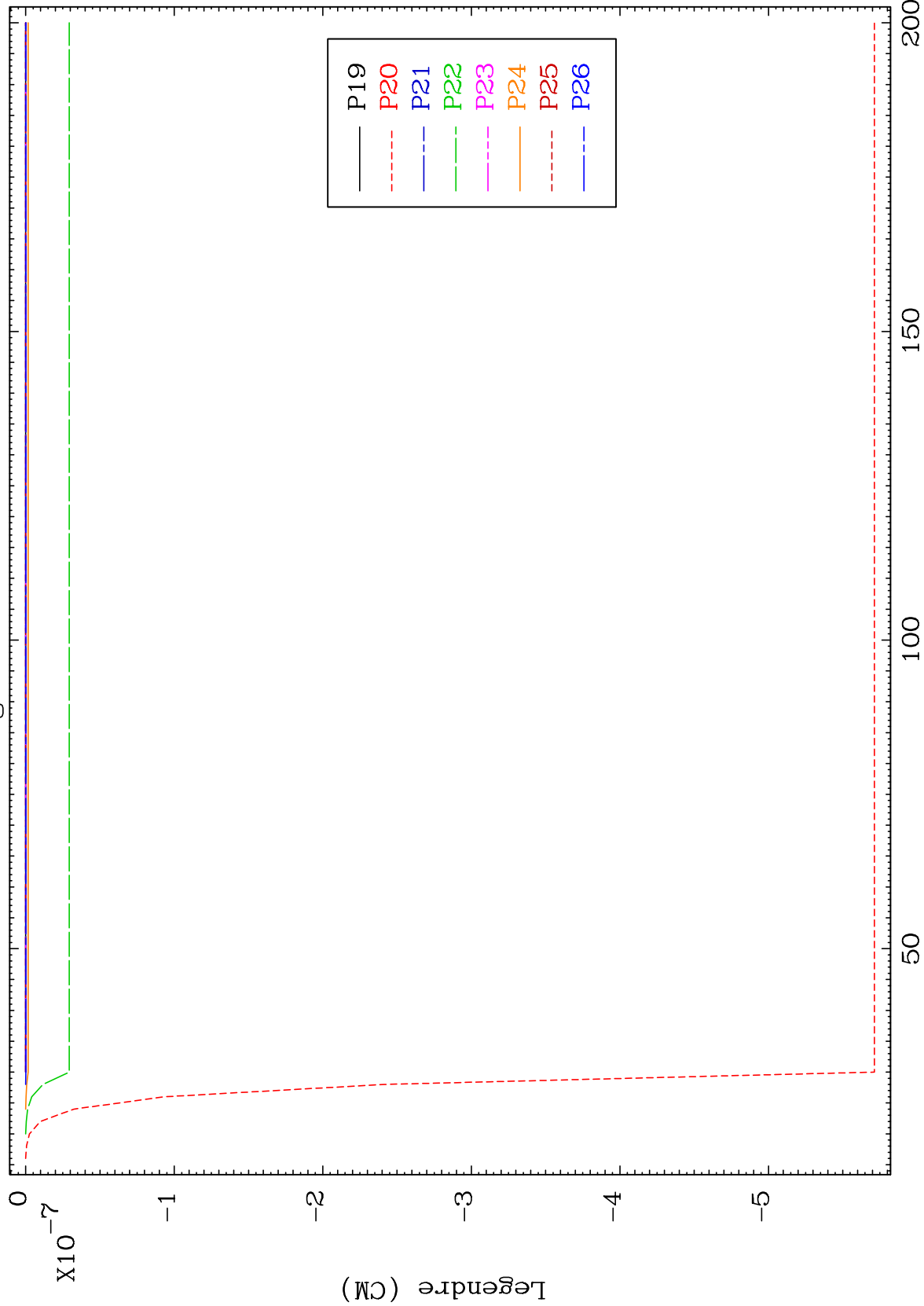
48-Cd-102



MAT 4813

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

48-Cd-102



98

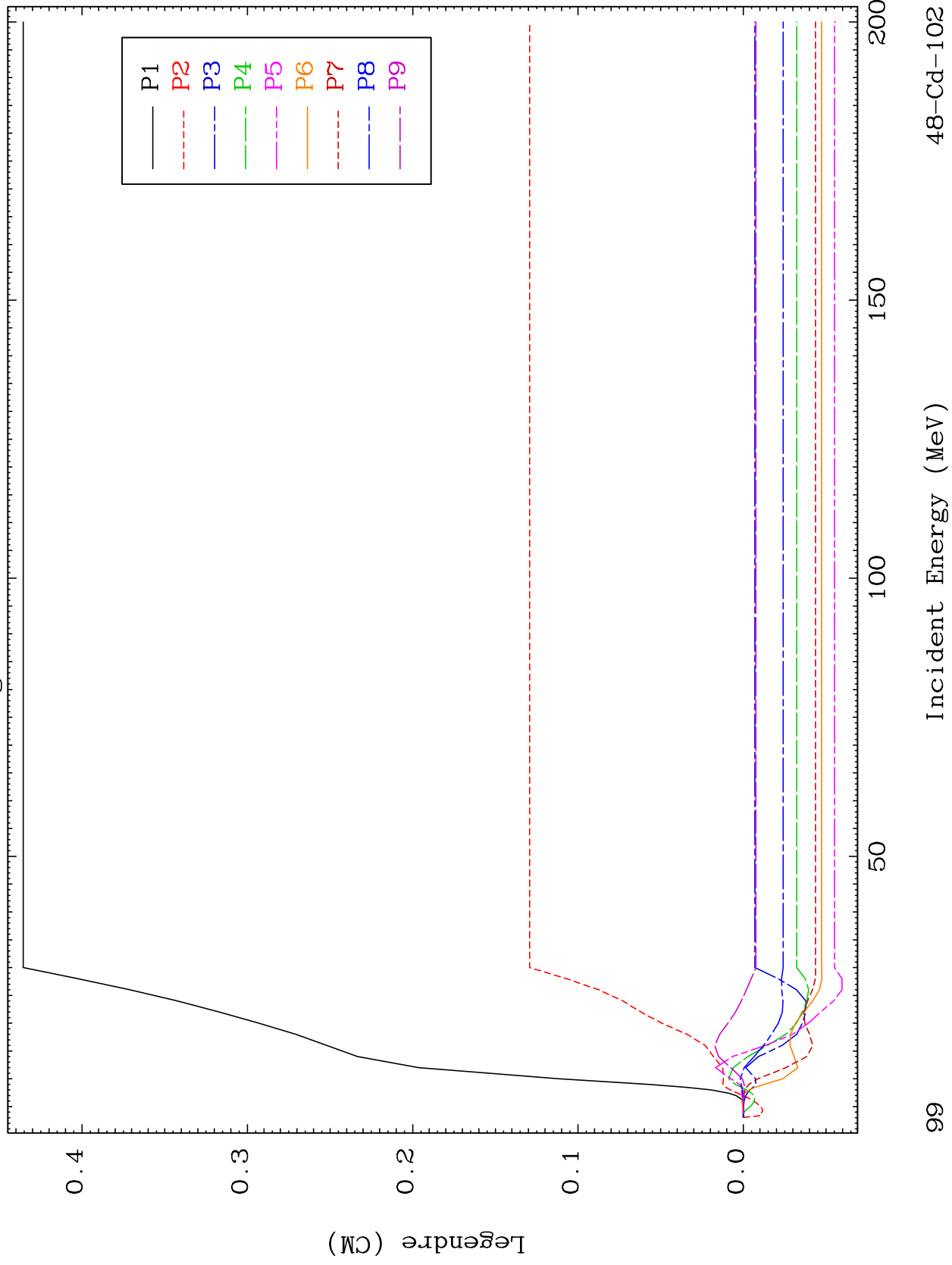
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



99

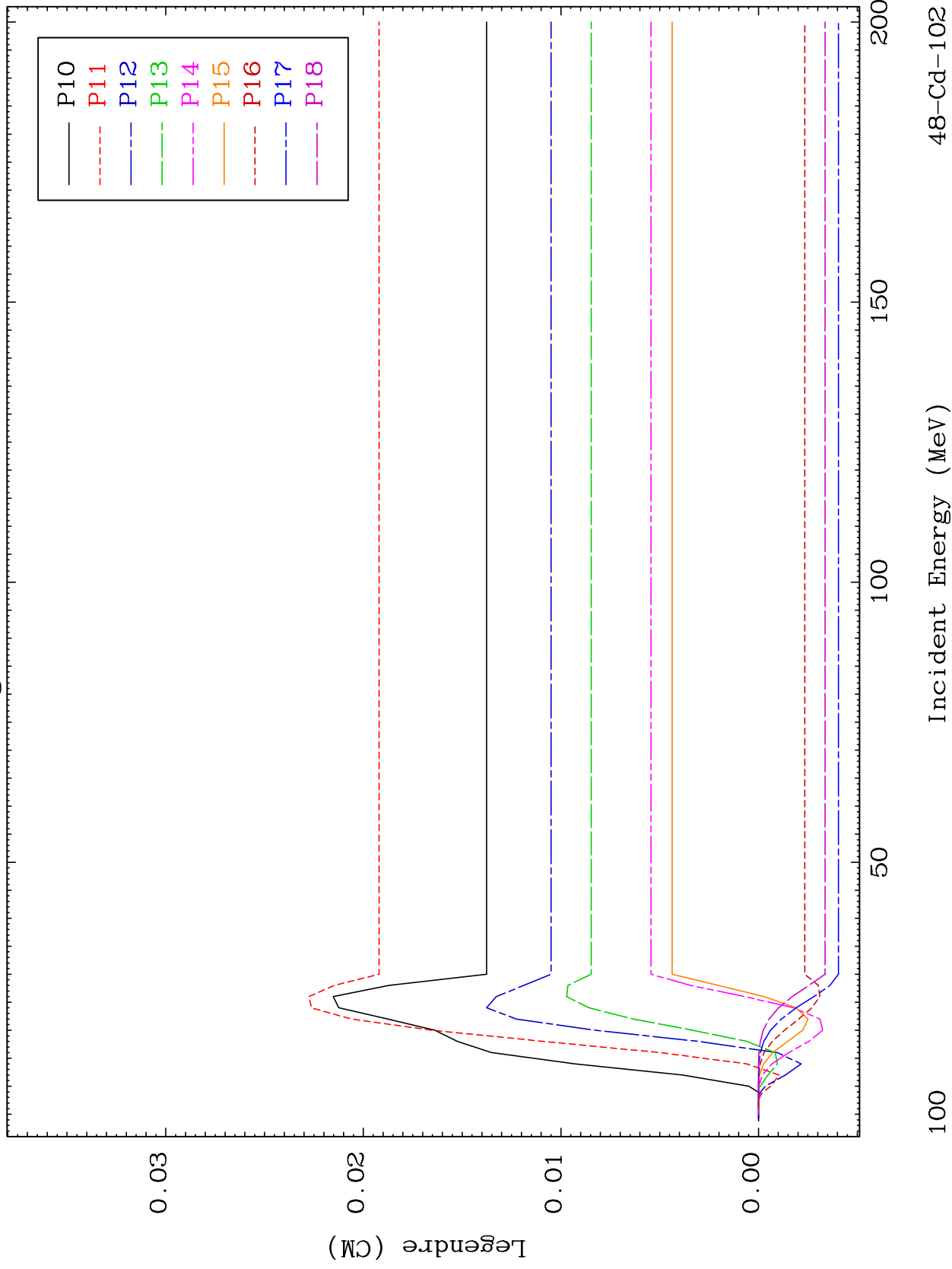
Incident Energy (MeV)

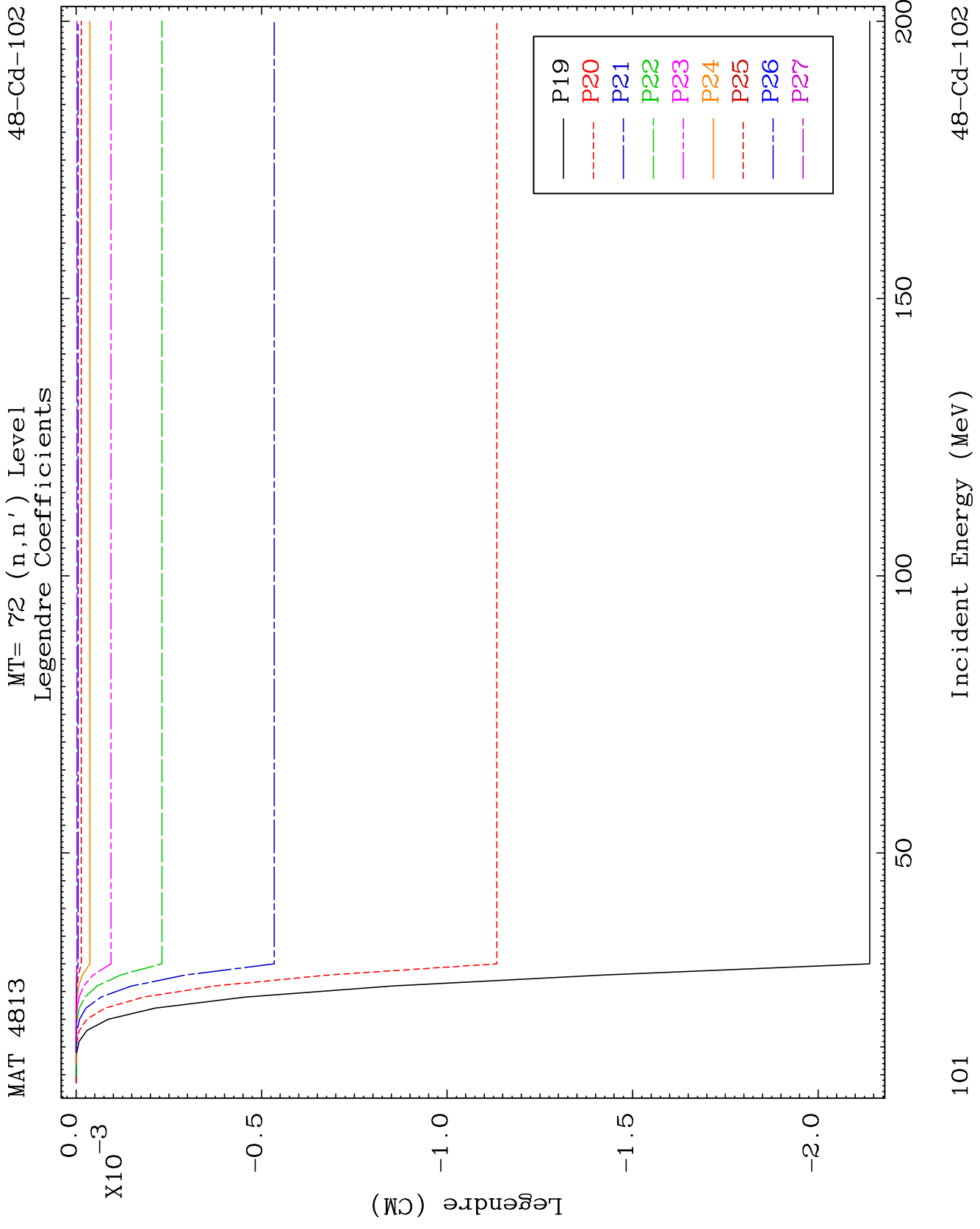
48-Cd-102

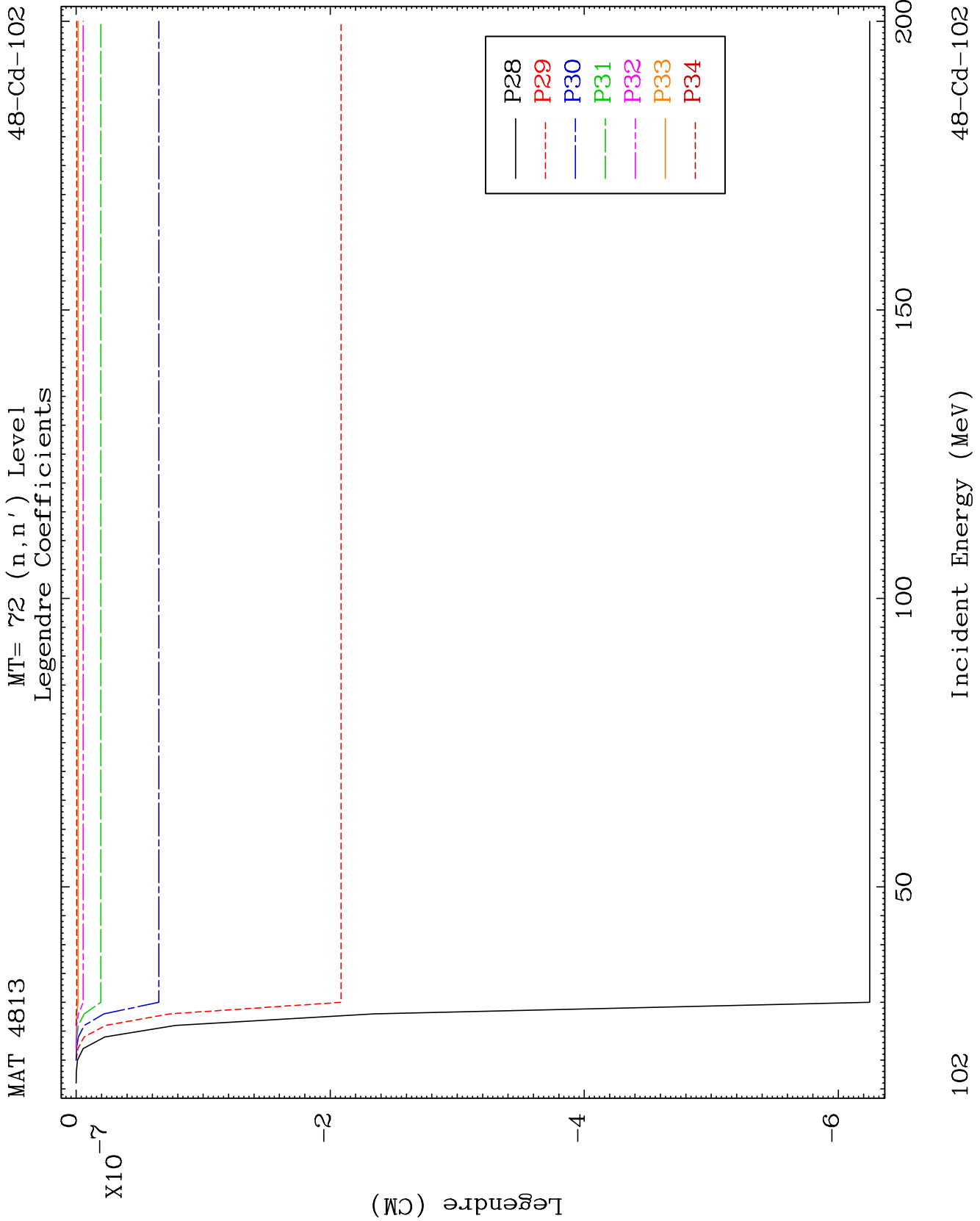
MAT 4813

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

48-Cd-102



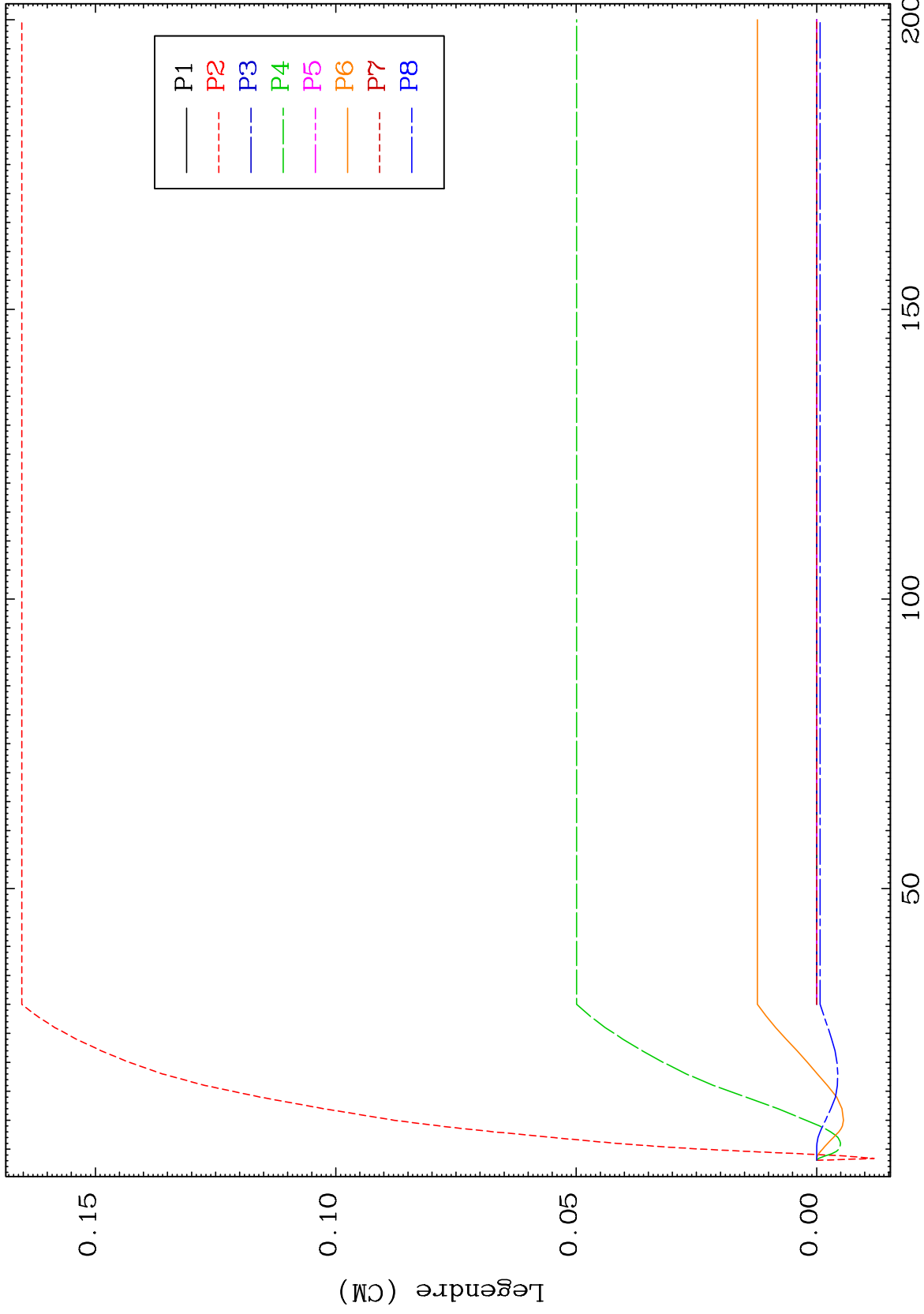




MAT 4813

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

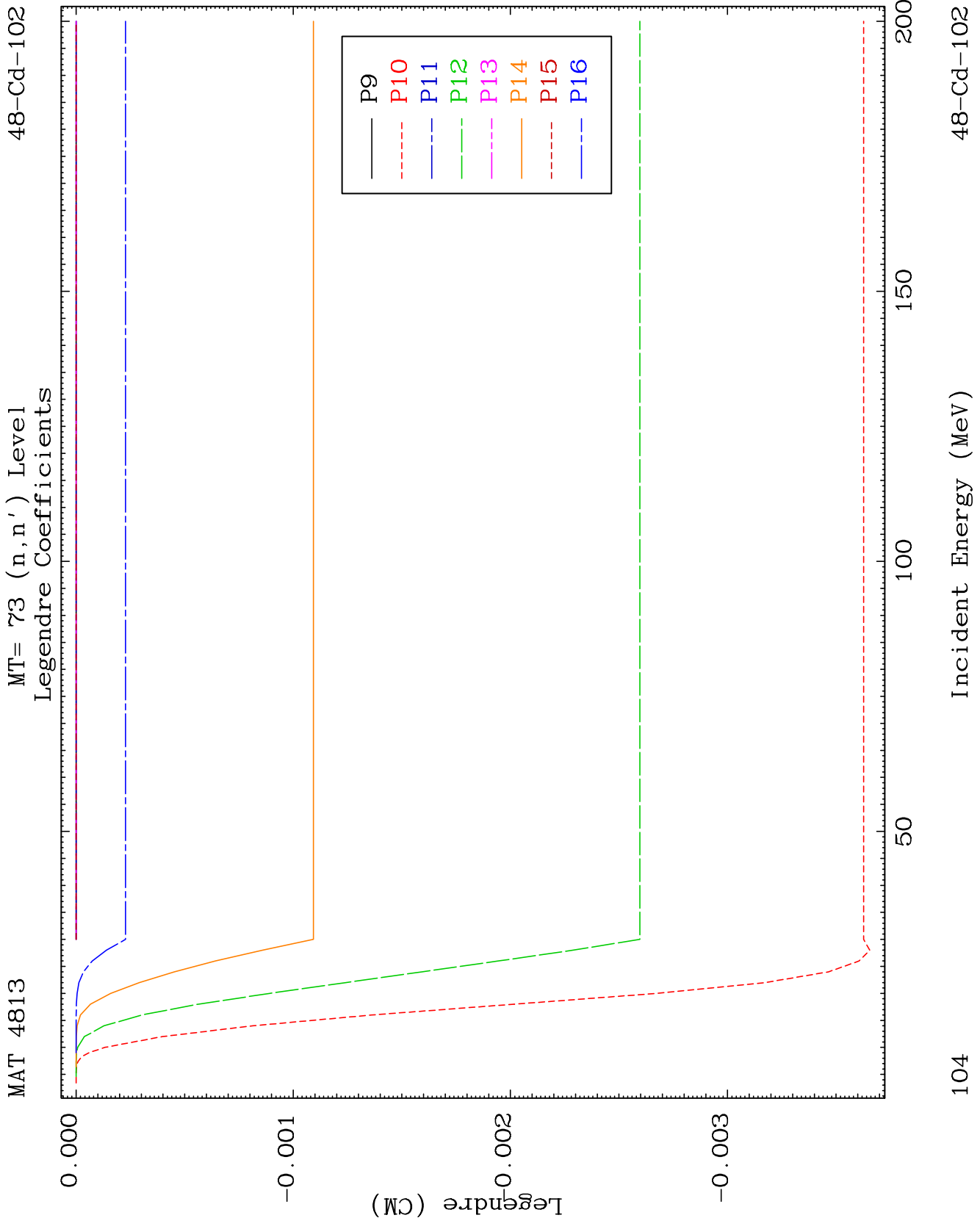
48-Cd-102

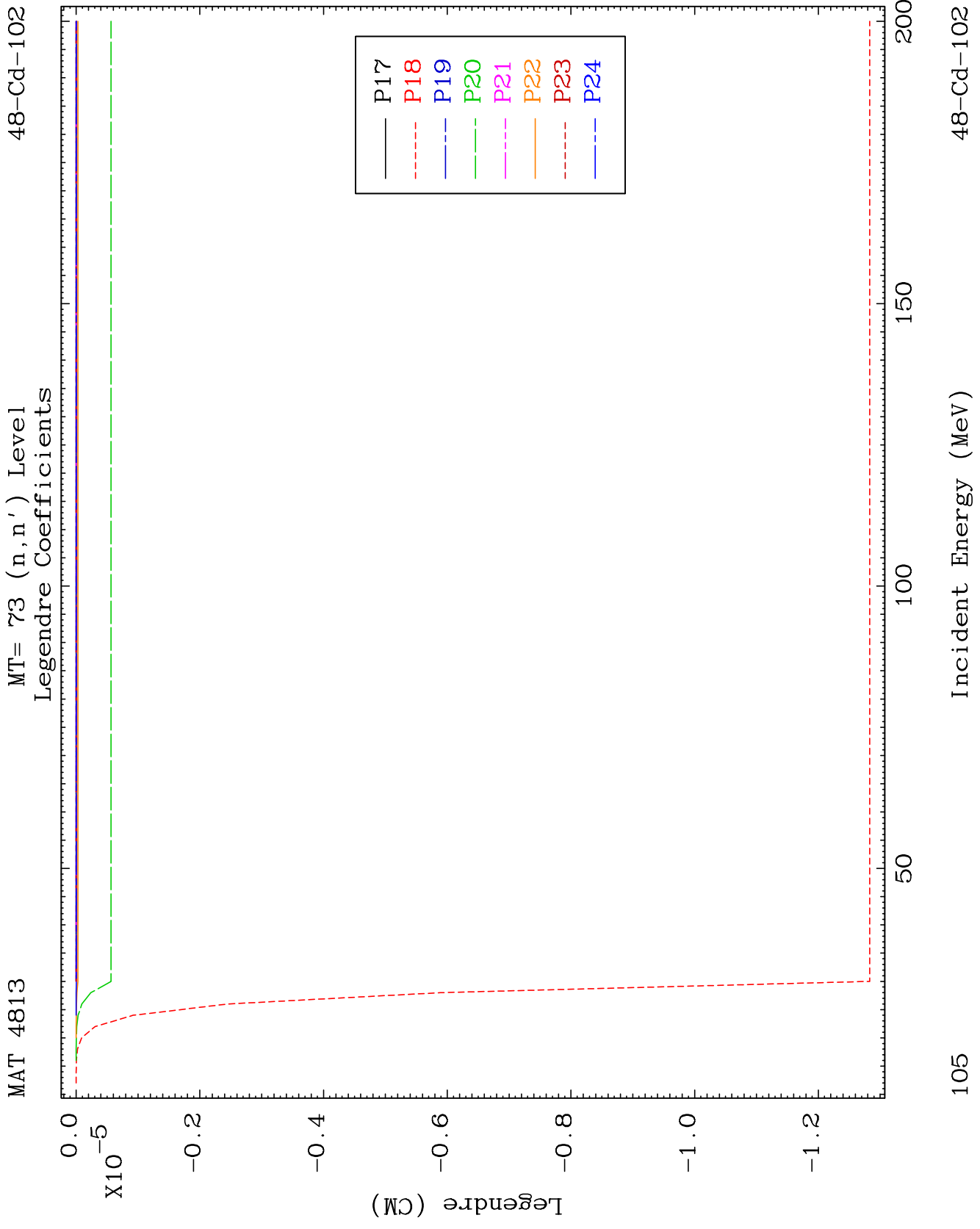


103

Incident Energy (MeV)

48-Cd-102

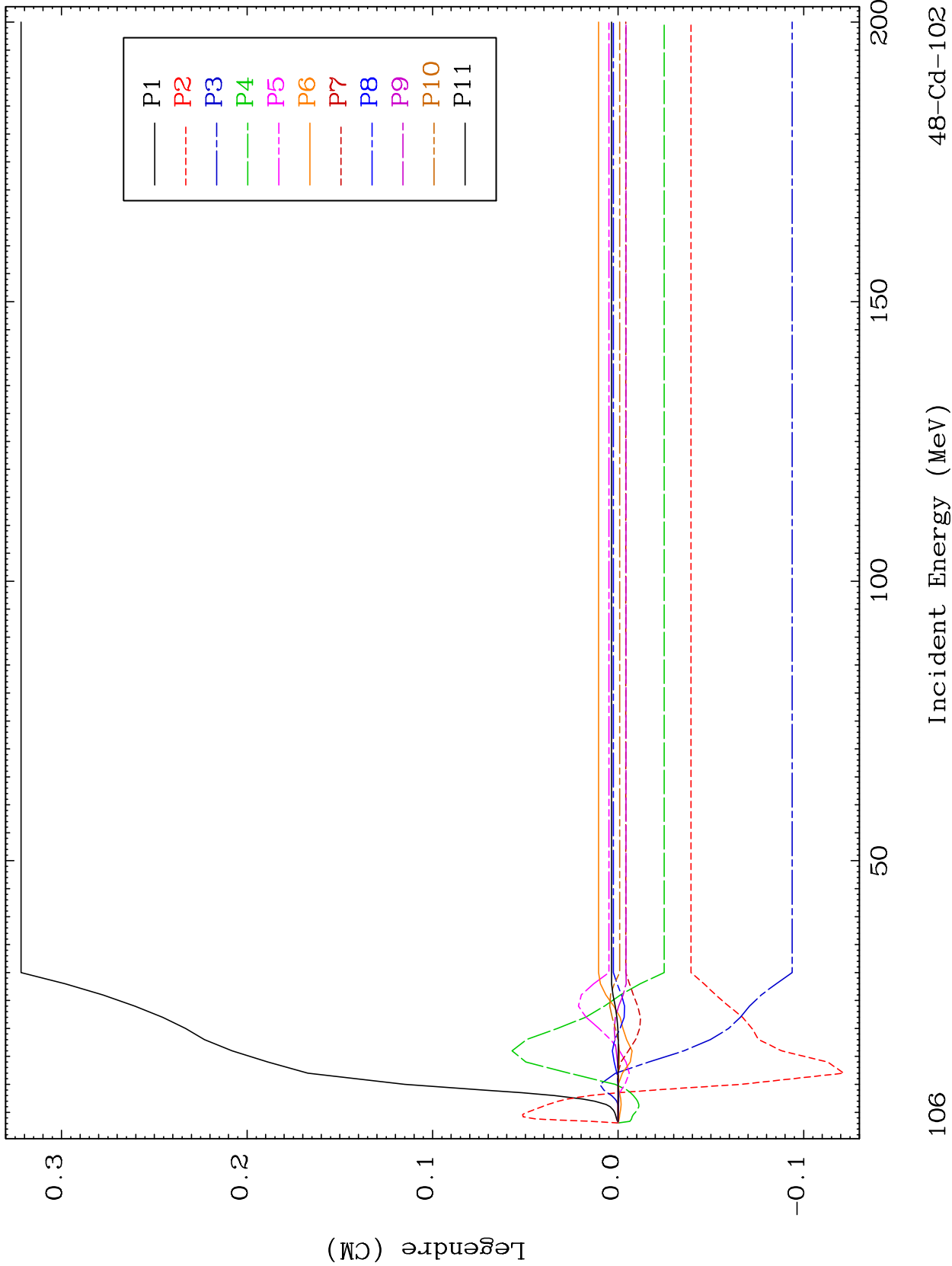




MAT 4813

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

48-Cd-102



106

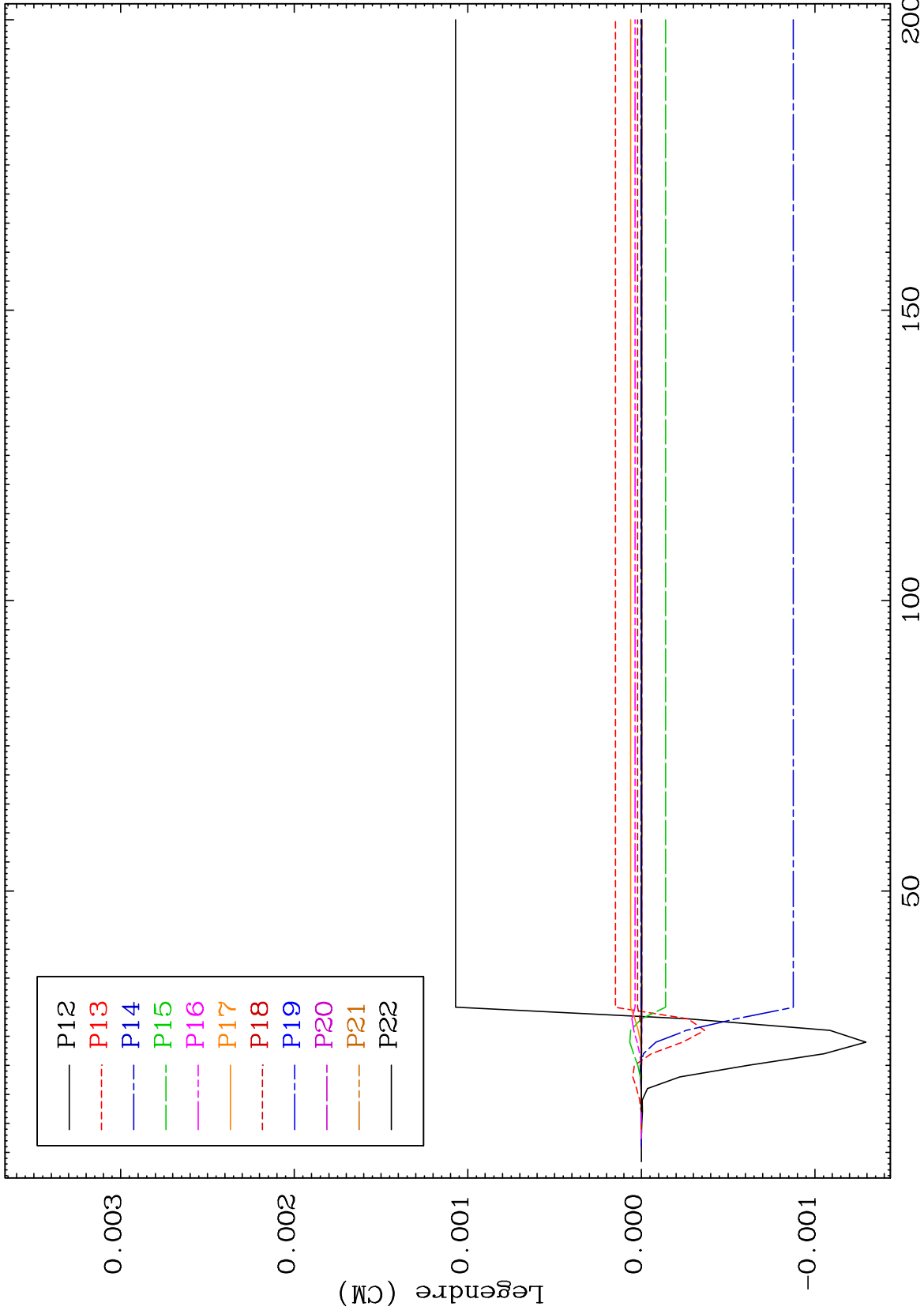
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

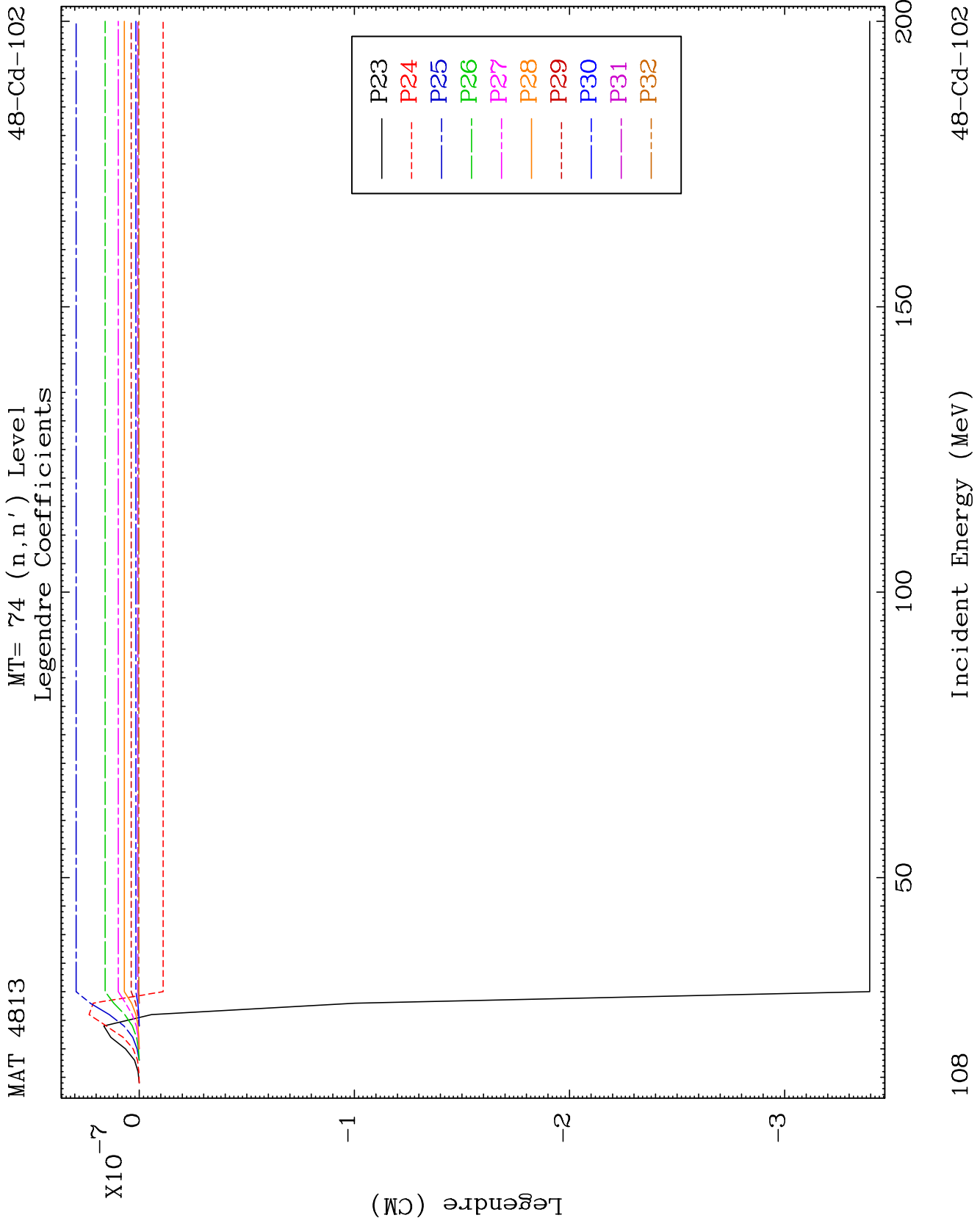
48-Cd-102



107

Incident Energy (MeV)

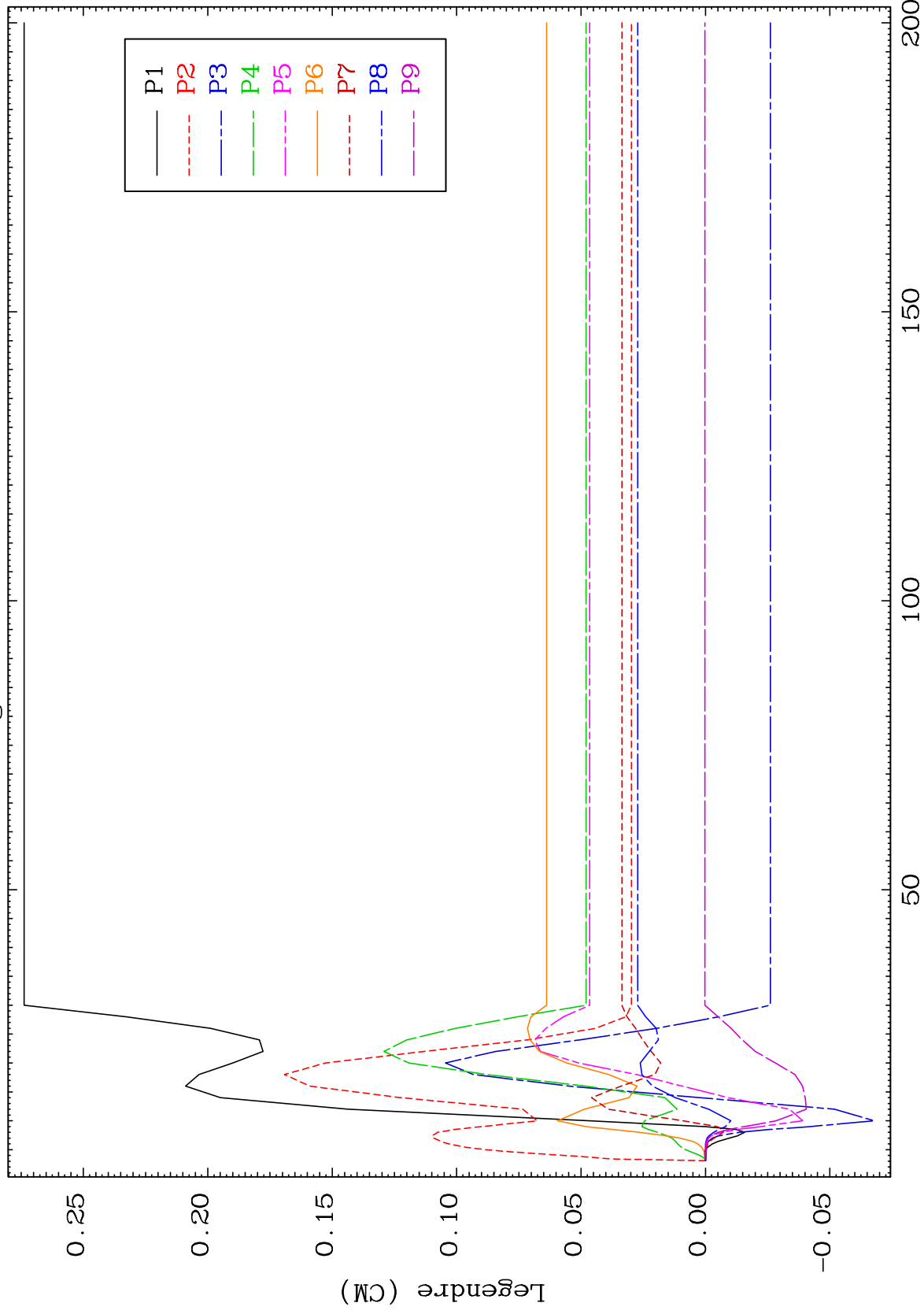
48-Cd-102



MAT 4813

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

48-Cd-102



109

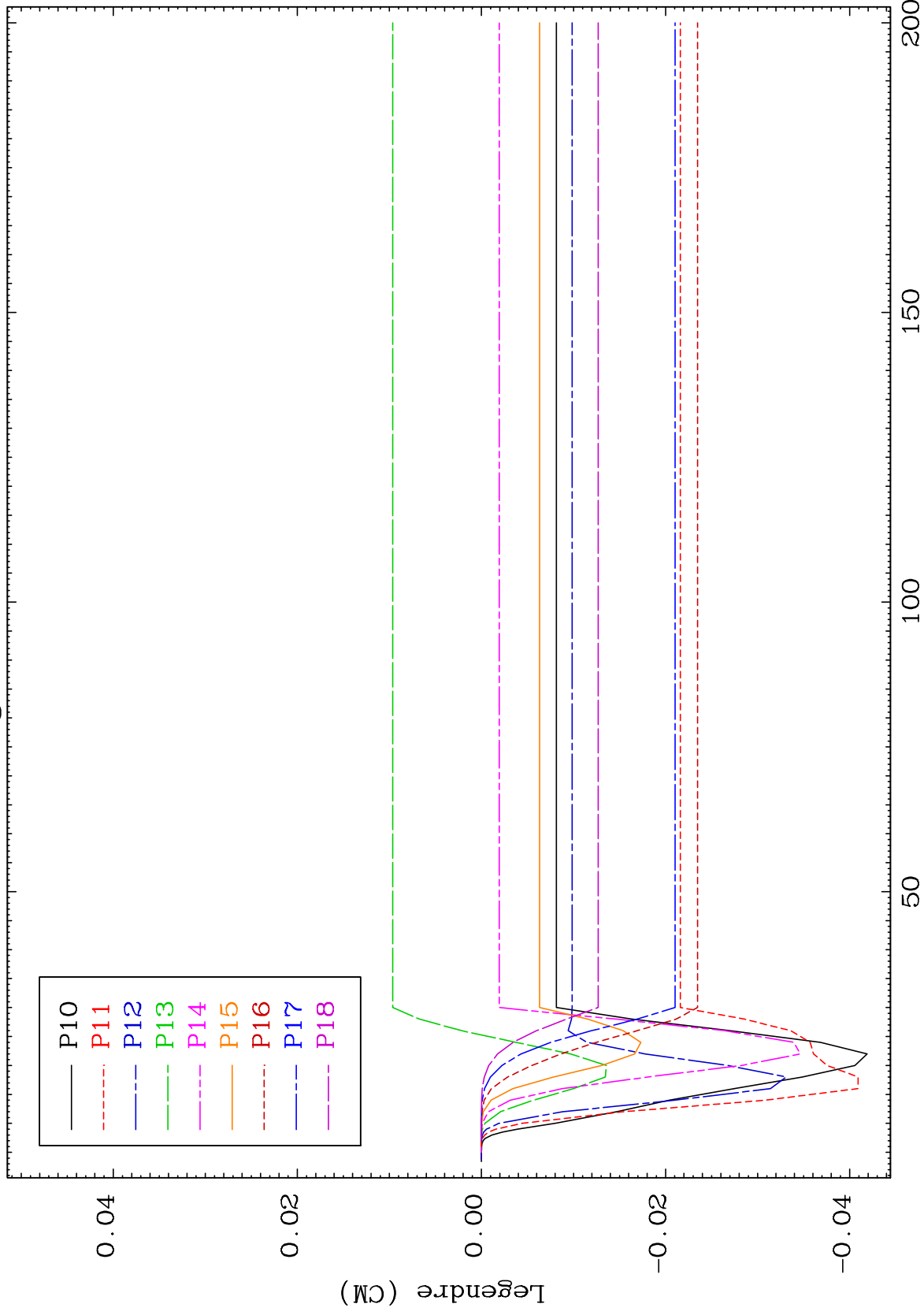
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

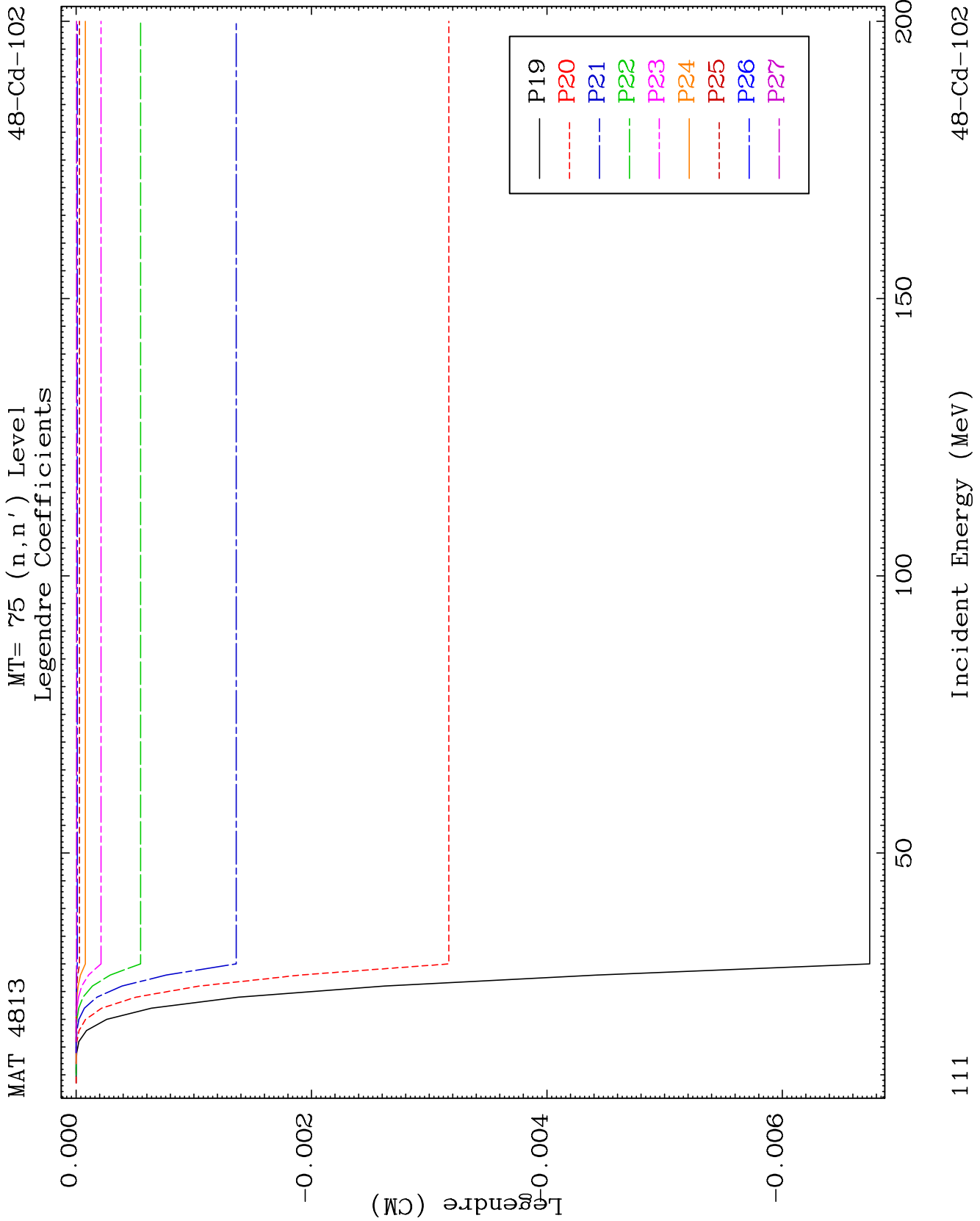
48-Cd-102

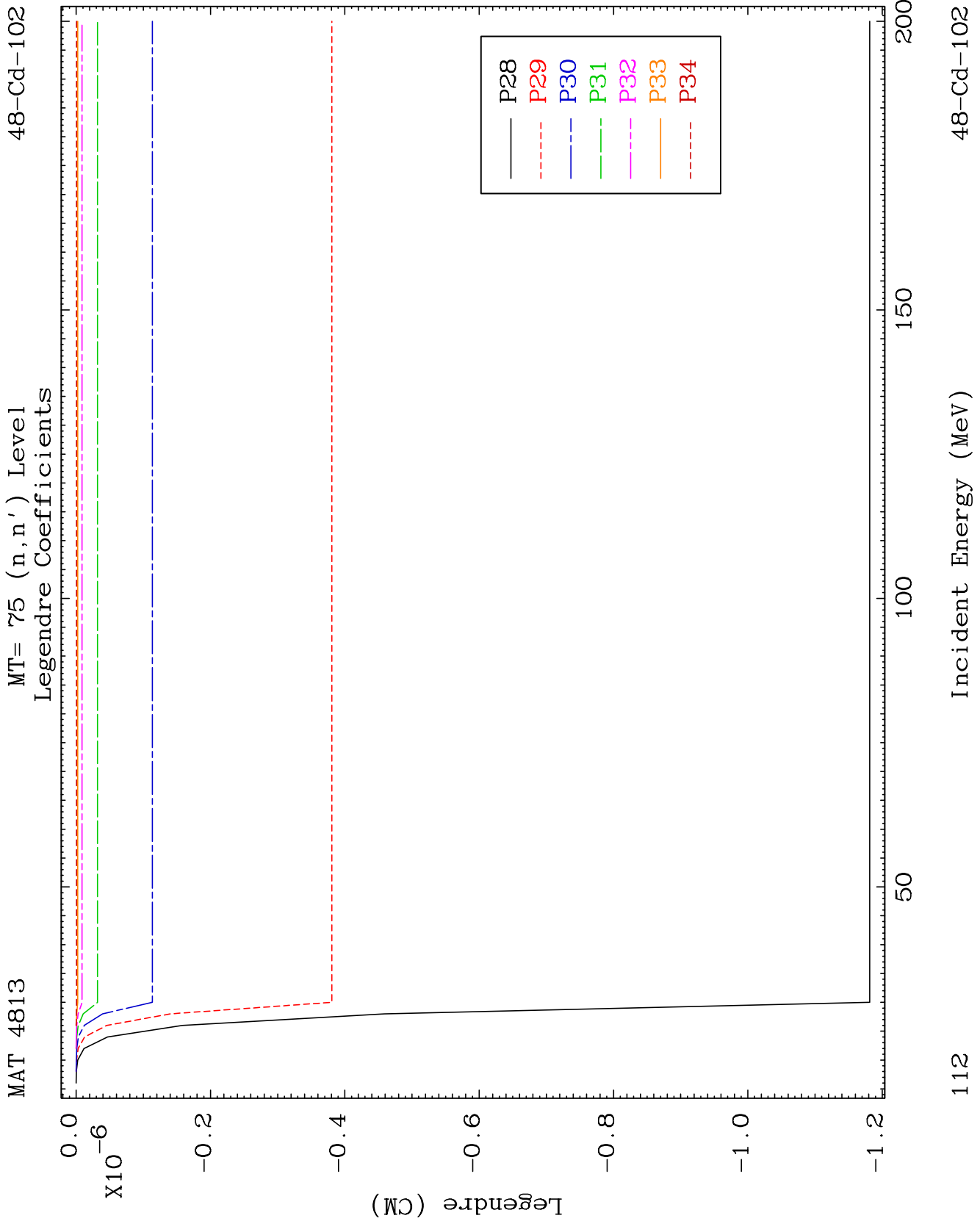


110

Incident Energy (MeV)

48-Cd-102

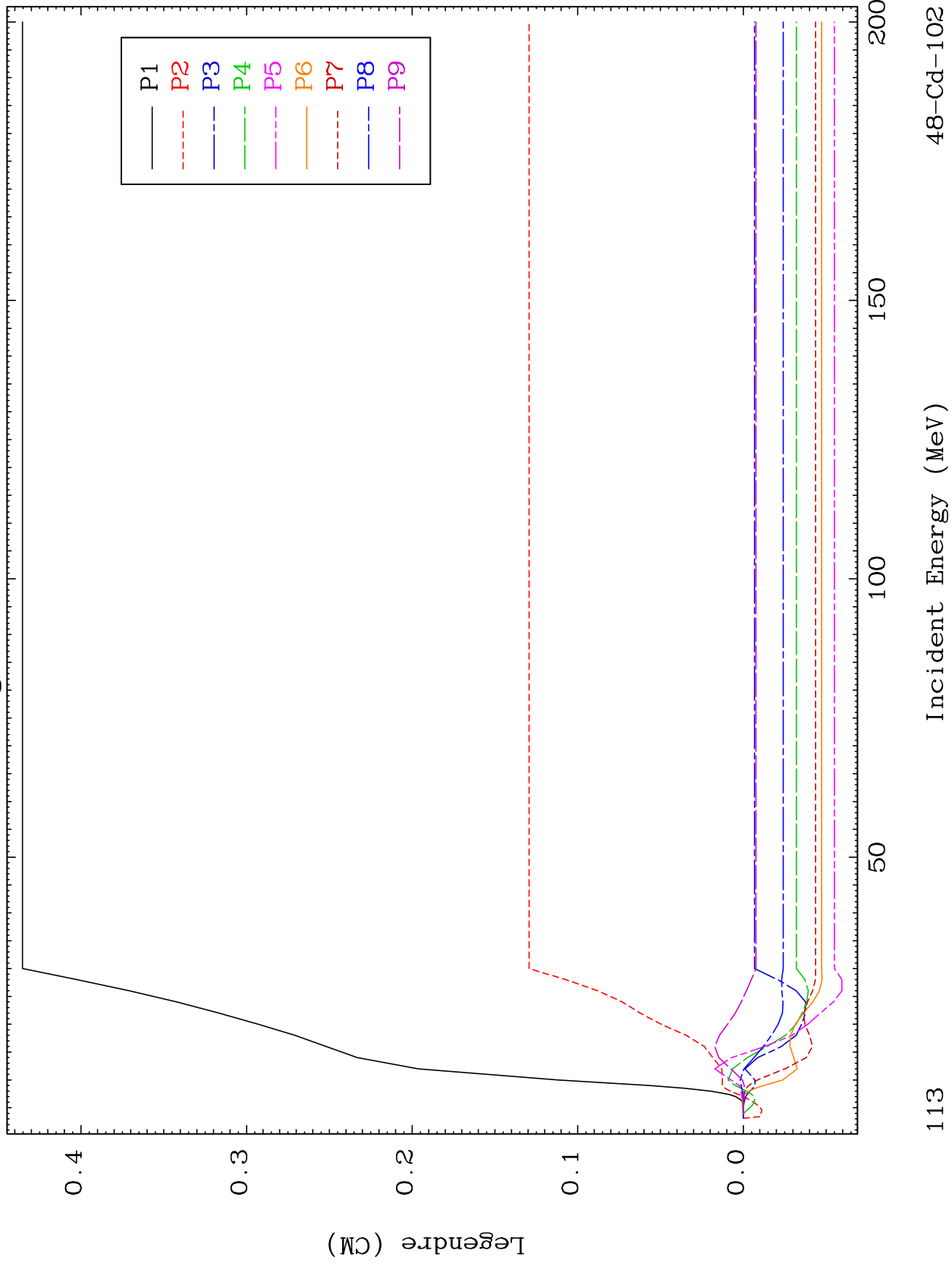




MAT 4813

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

48-Cd-102



113

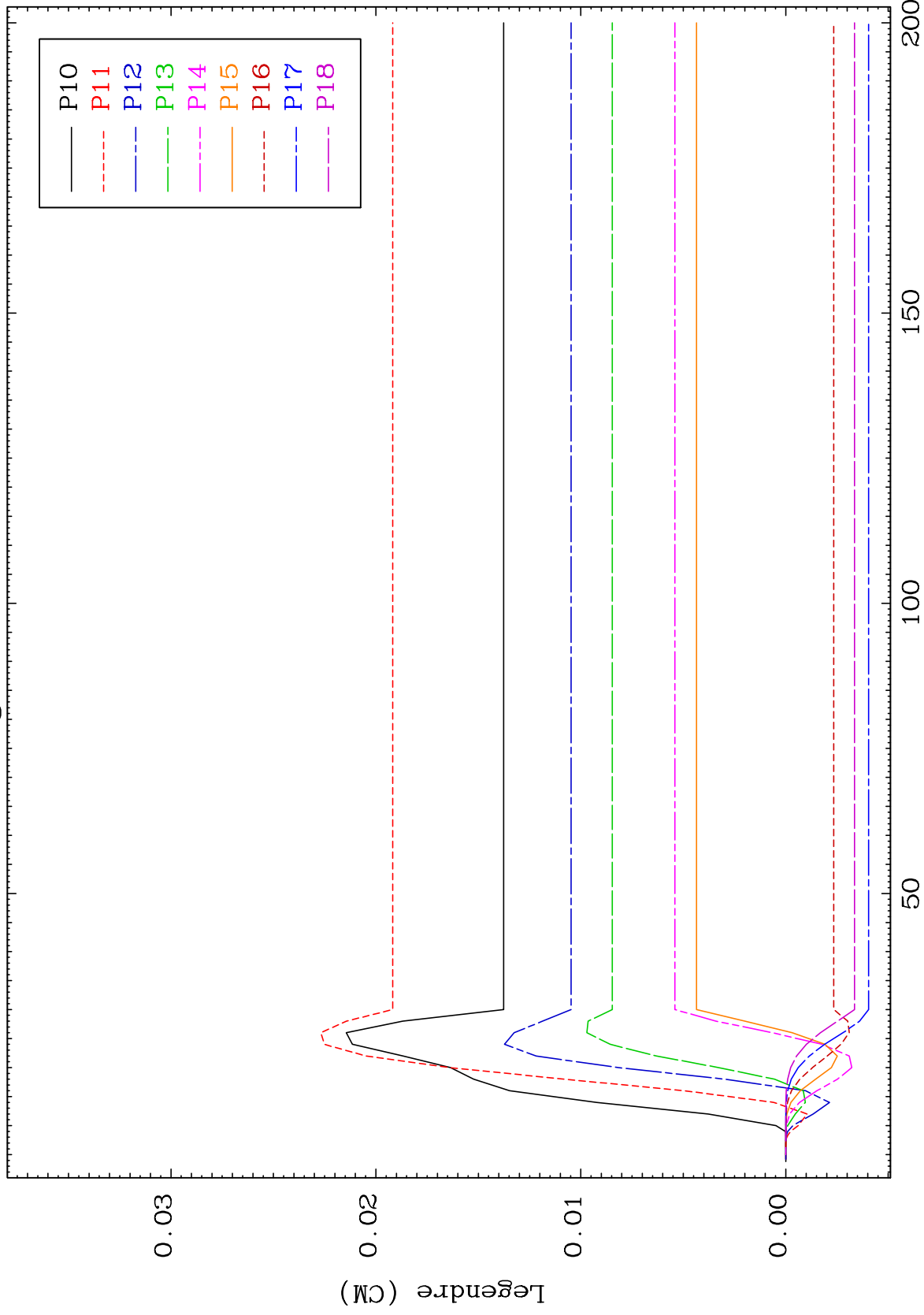
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

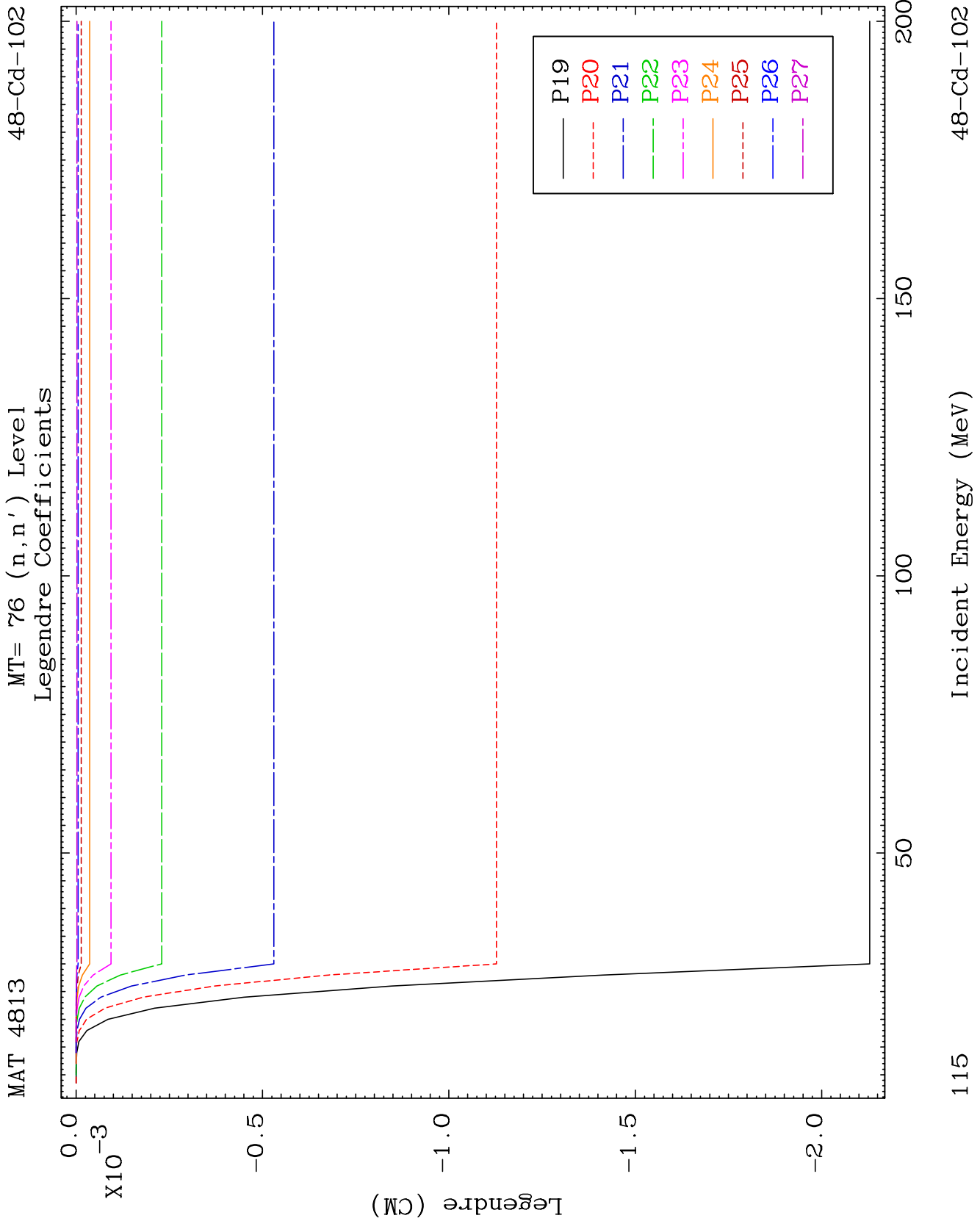
48-Cd-102

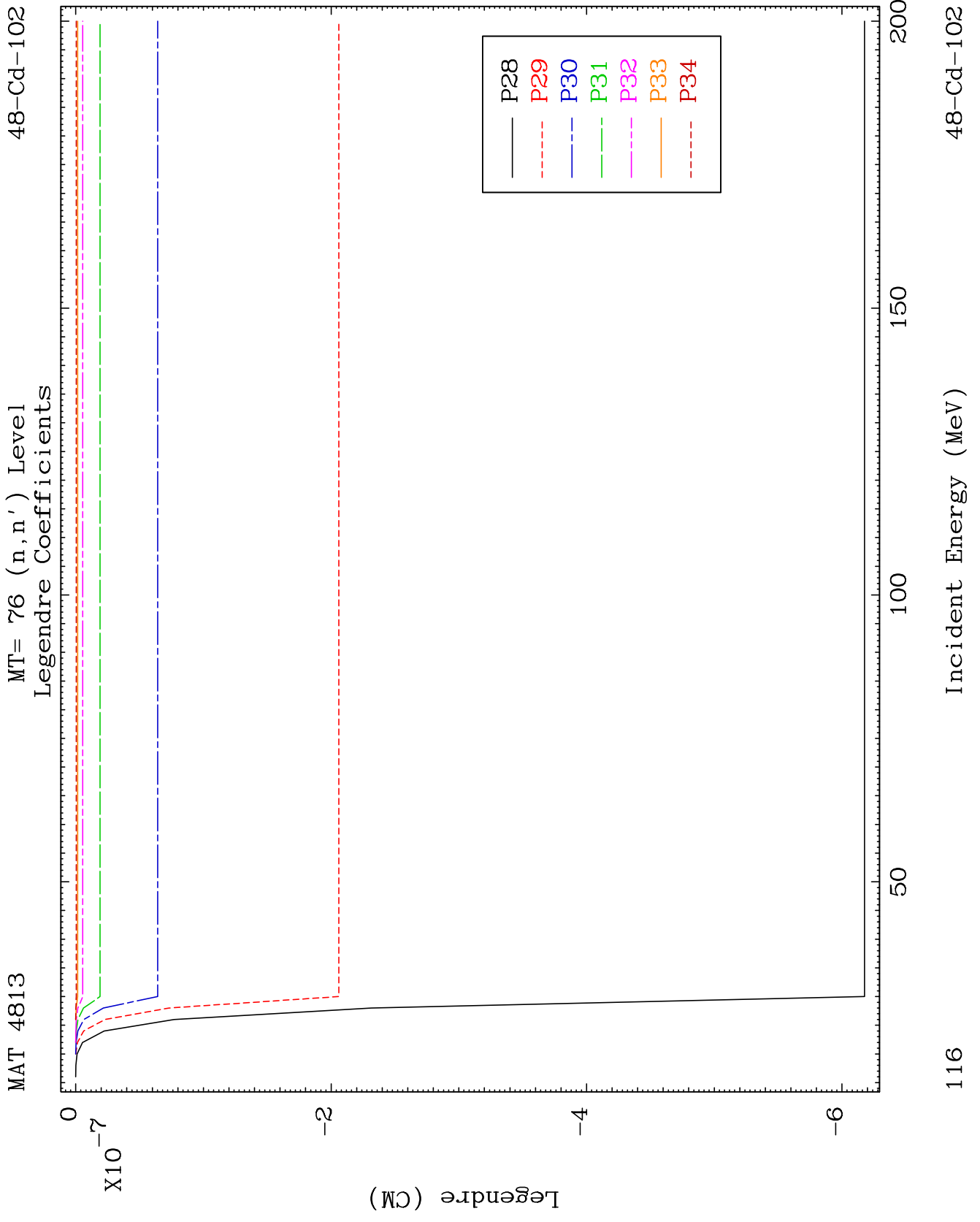


114

Incident Energy (MeV)

48-Cd-102

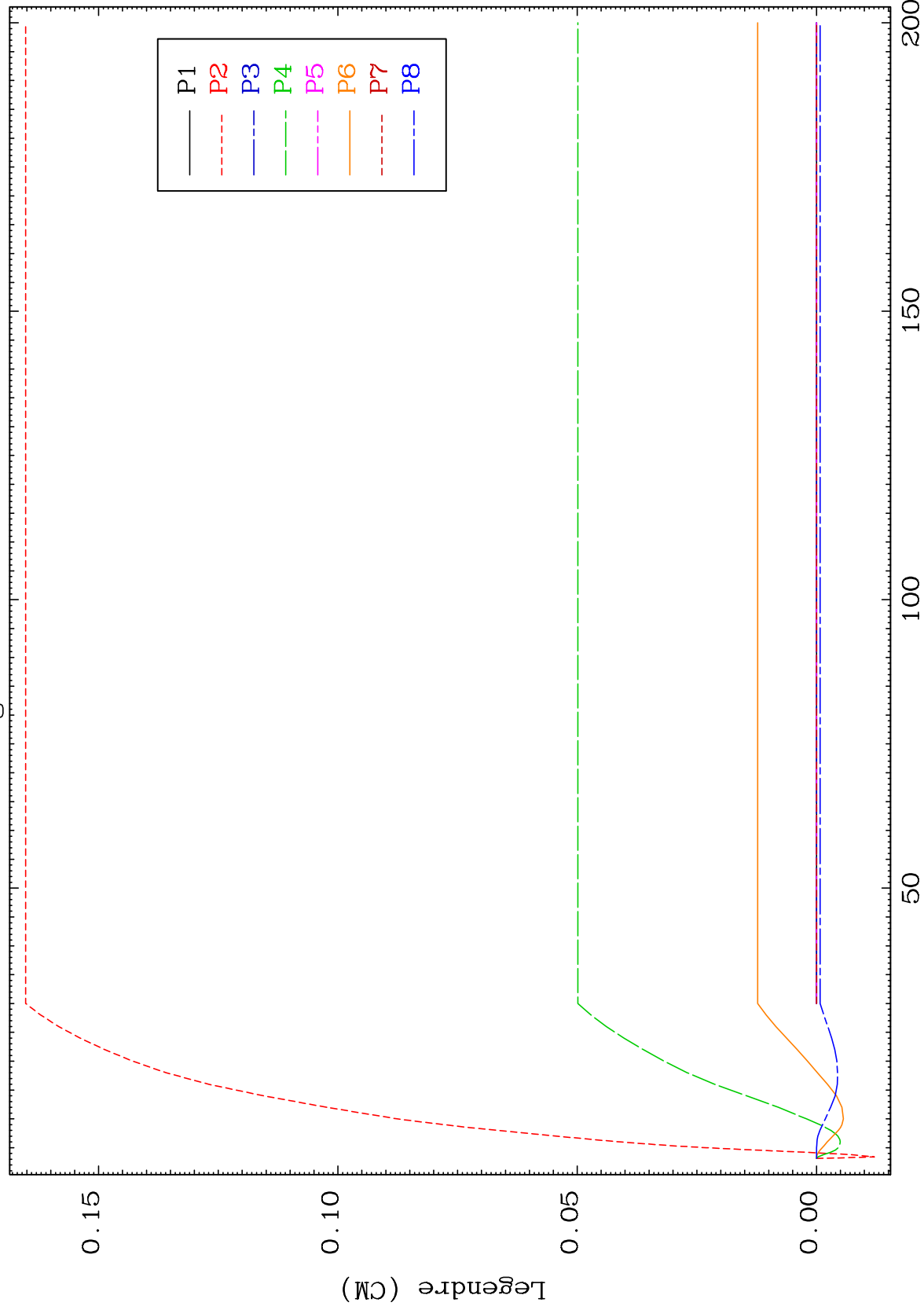




MAT 4813

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

48-Cd-102



117

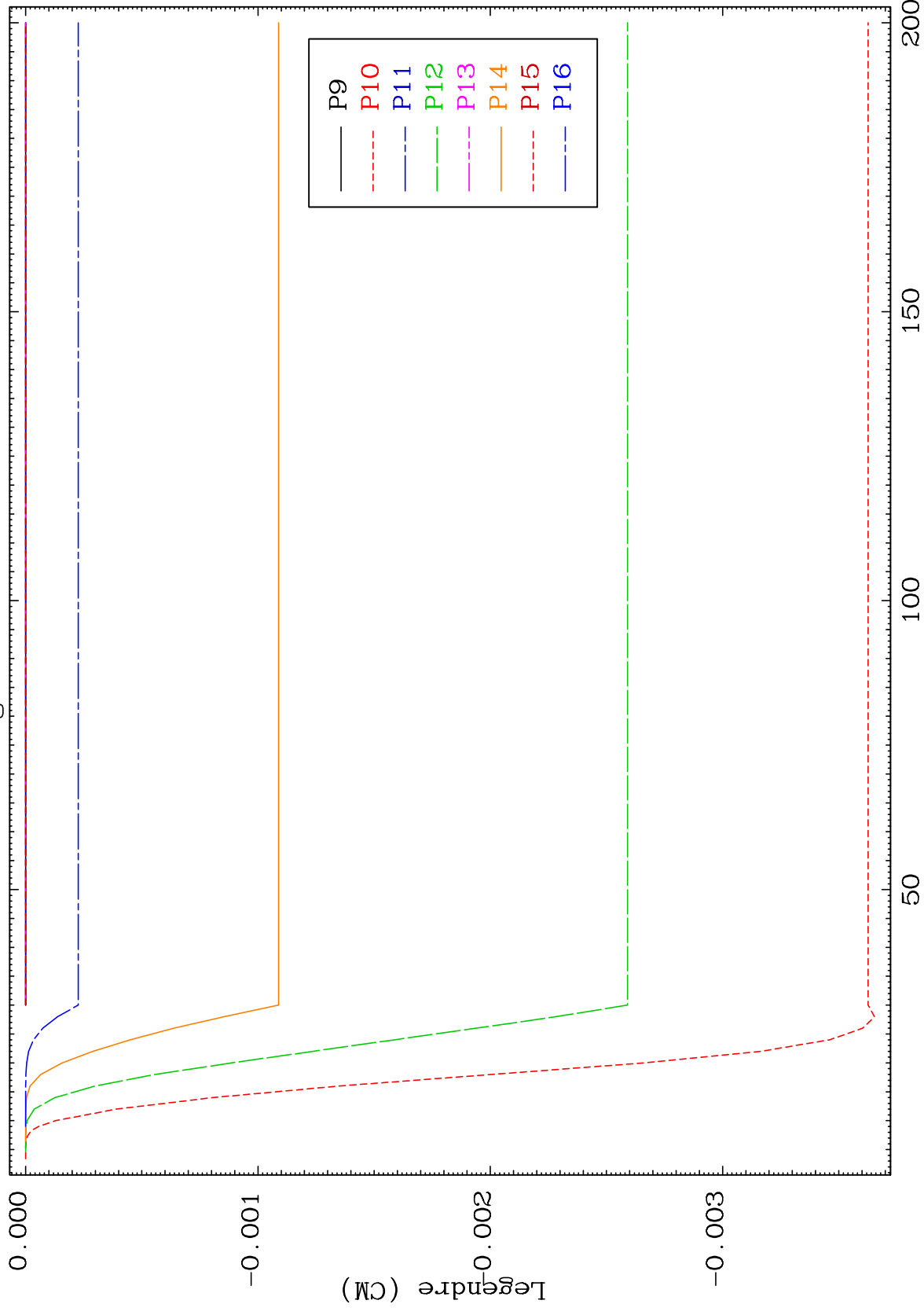
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

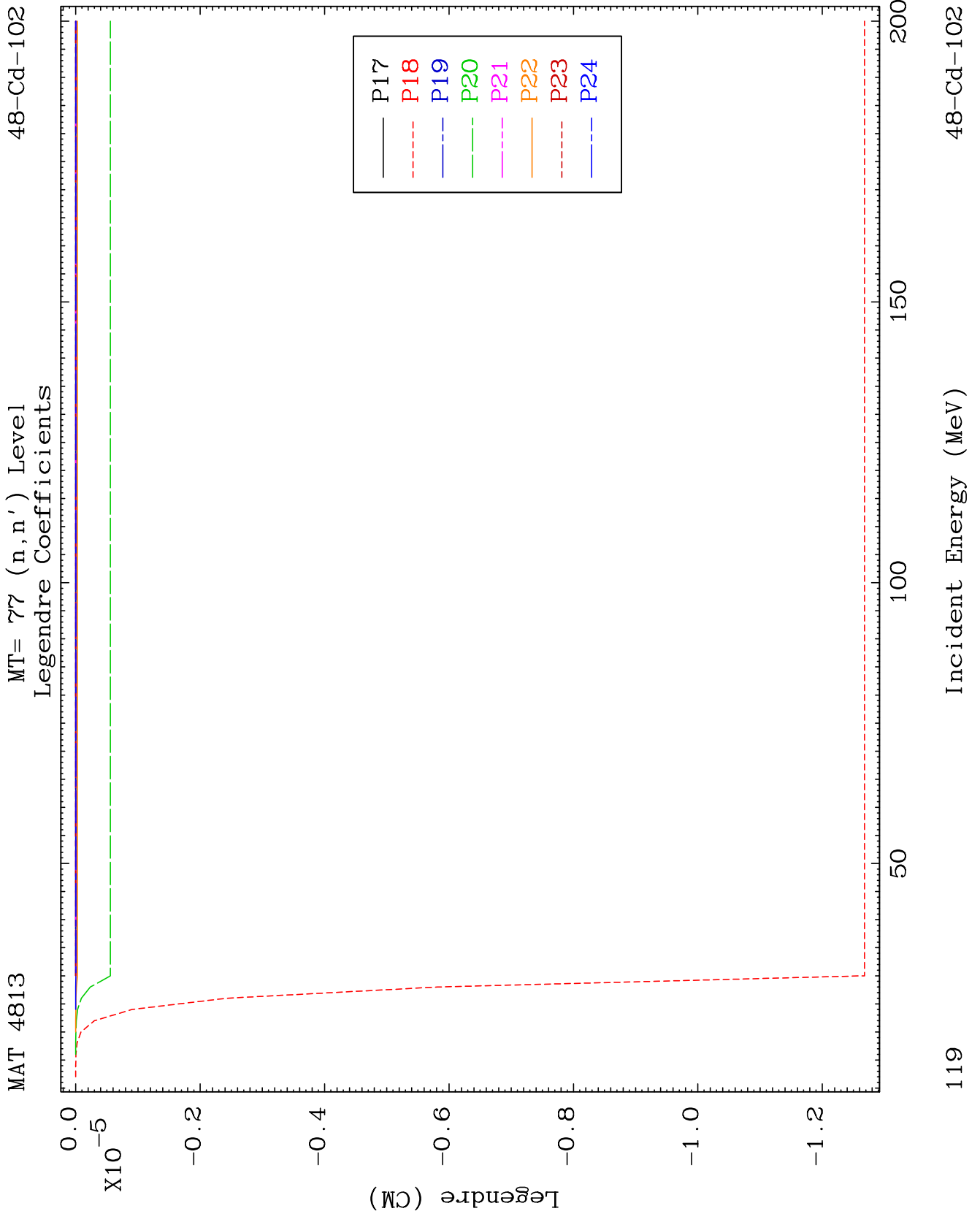
48-Cd-102



118

Incident Energy (MeV)

48-Cd-102

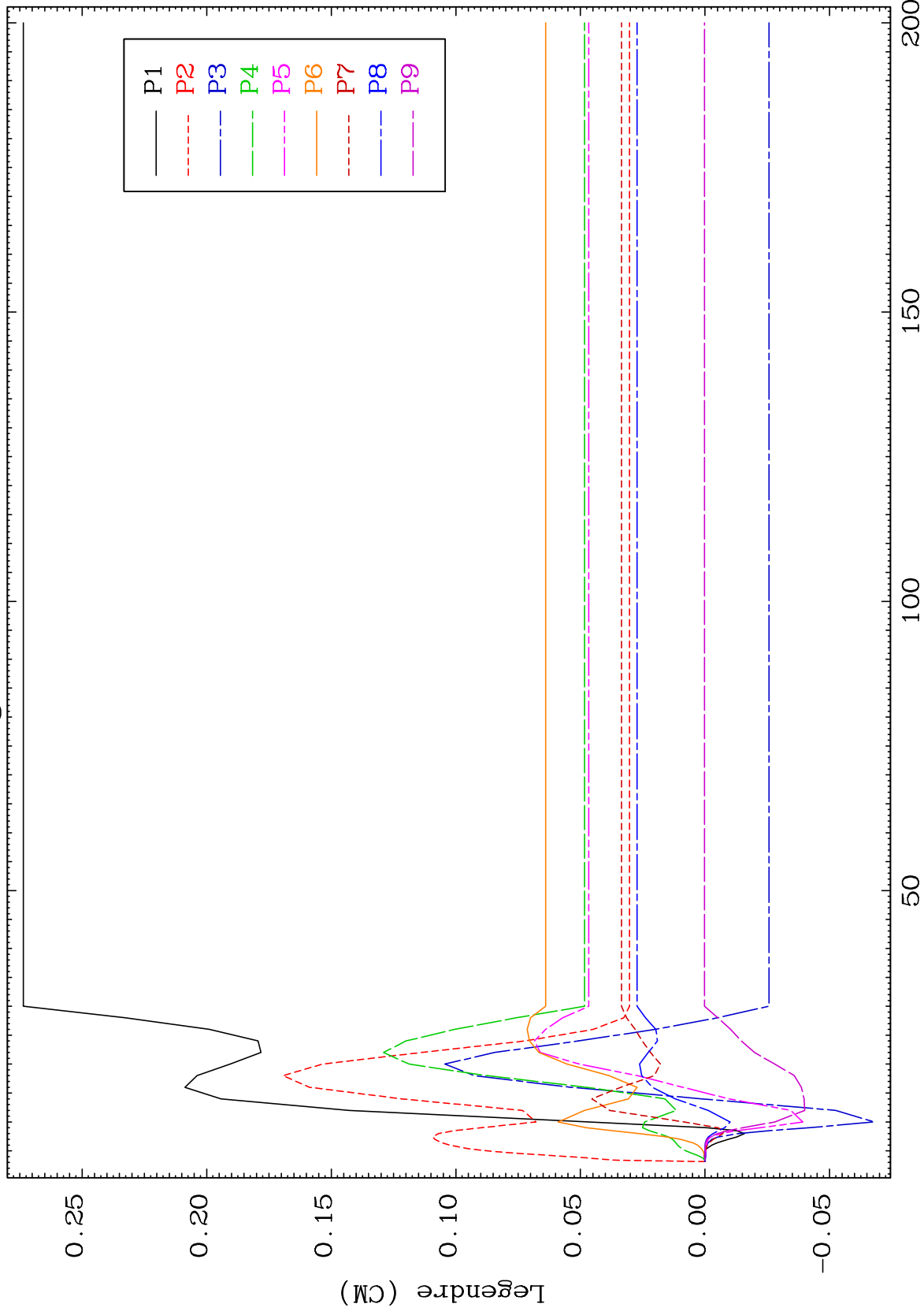


MAT 4813

MT= 78 (n,n') Level

48-Cd-102

Legendre Coefficients



120

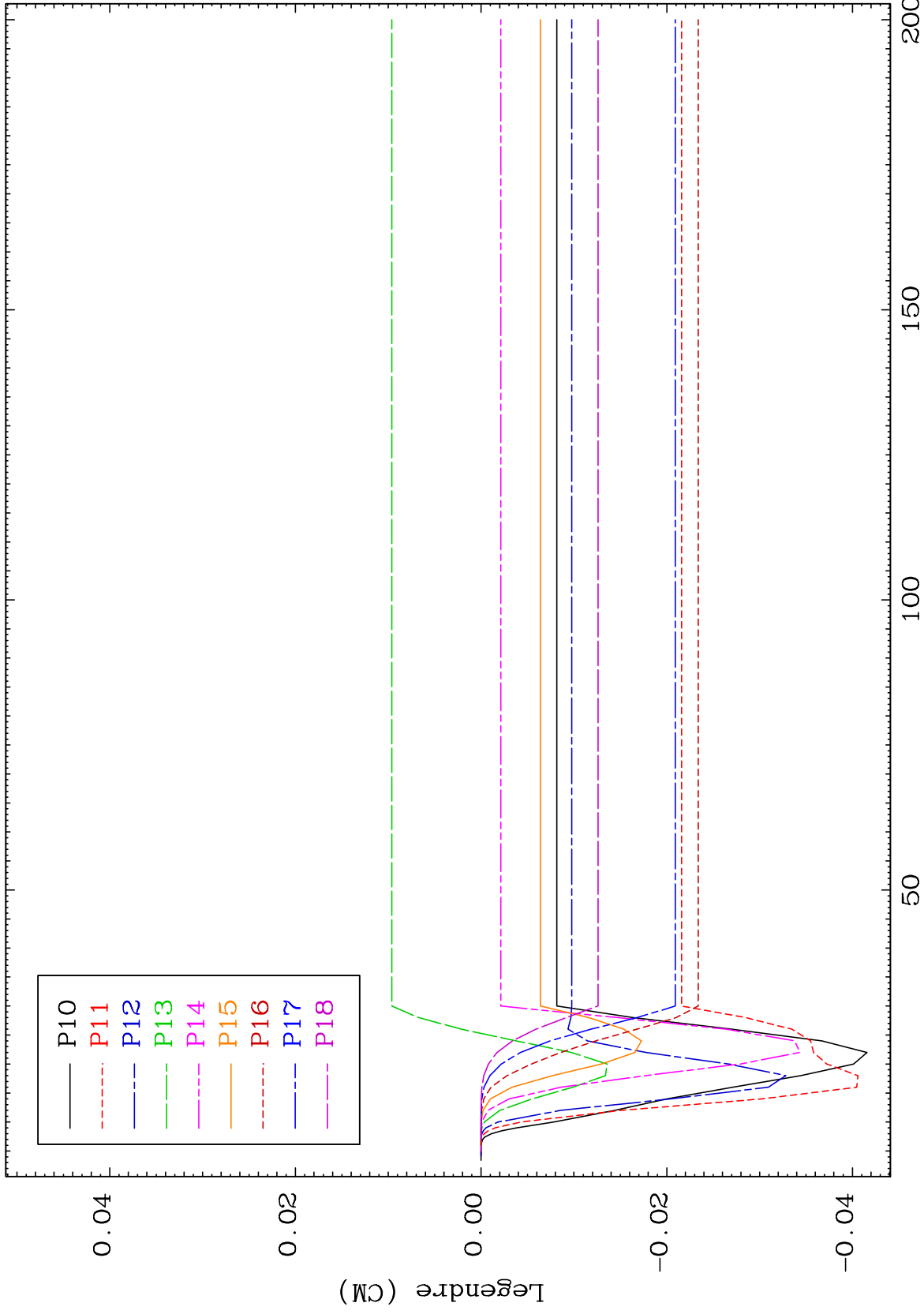
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

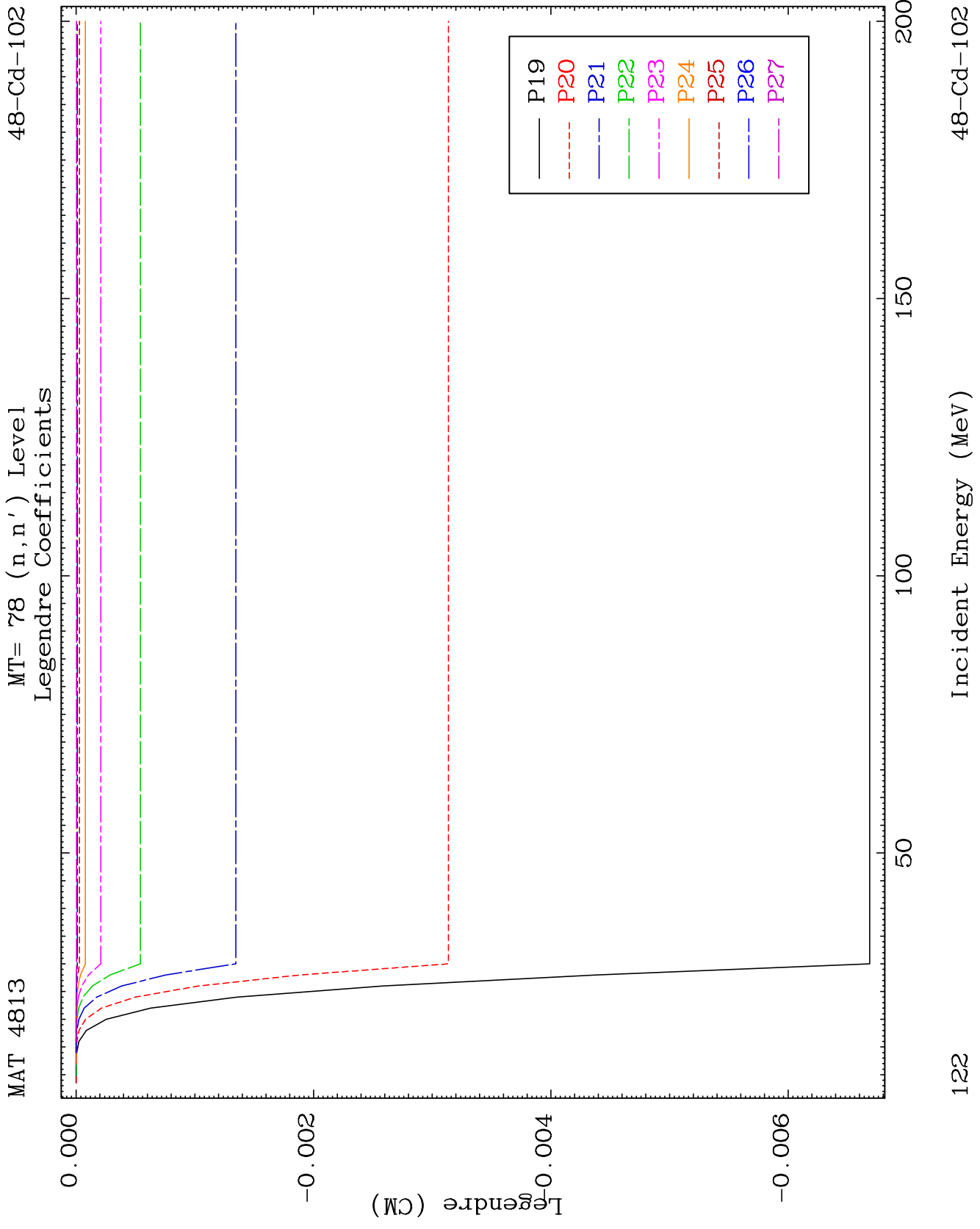
48-Cd-102

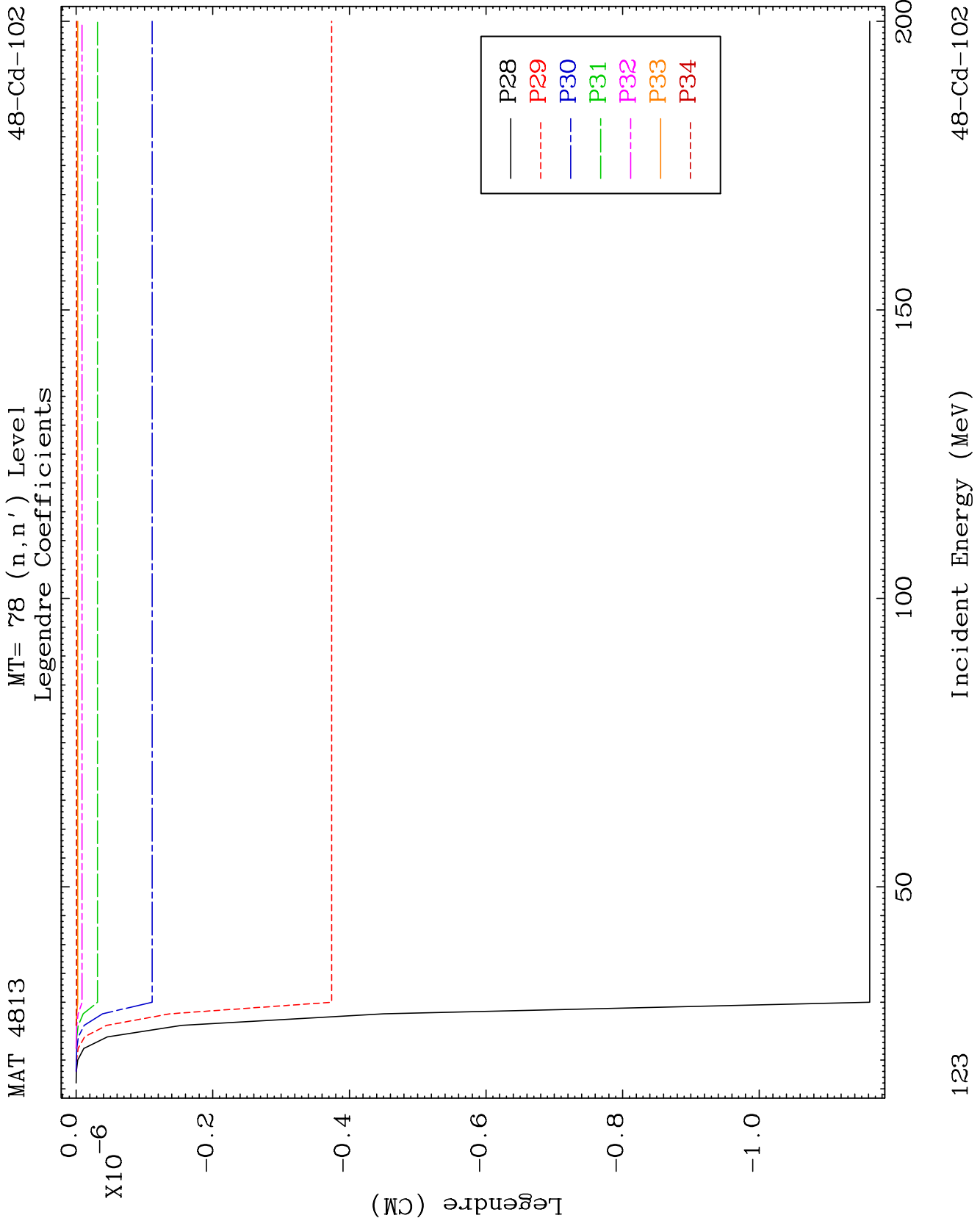


121

Incident Energy (MeV)

48-Cd-102



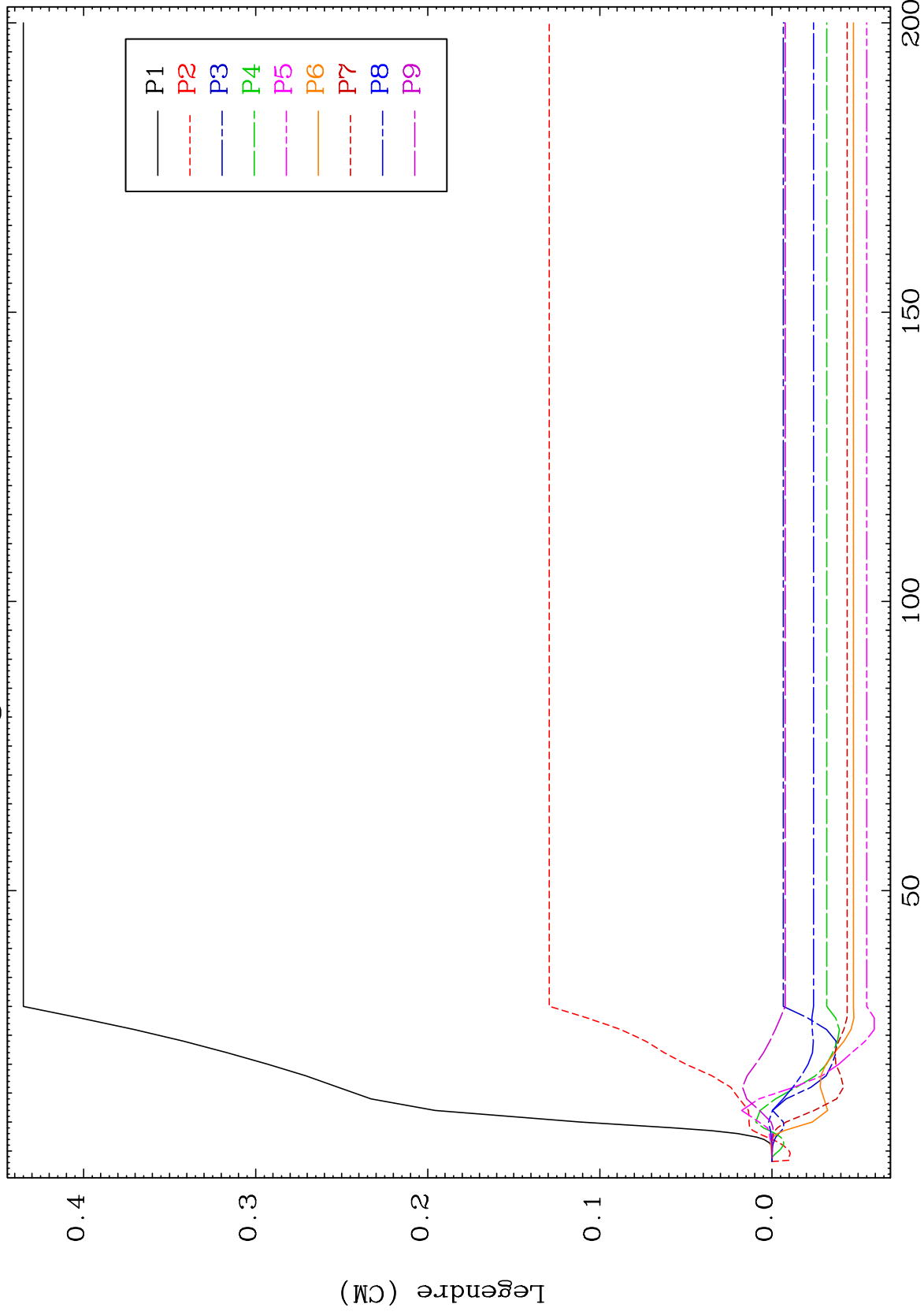


MAT 4813

MT= 79 (n,n') Level

48-Cd-102

Legendre Coefficients



124

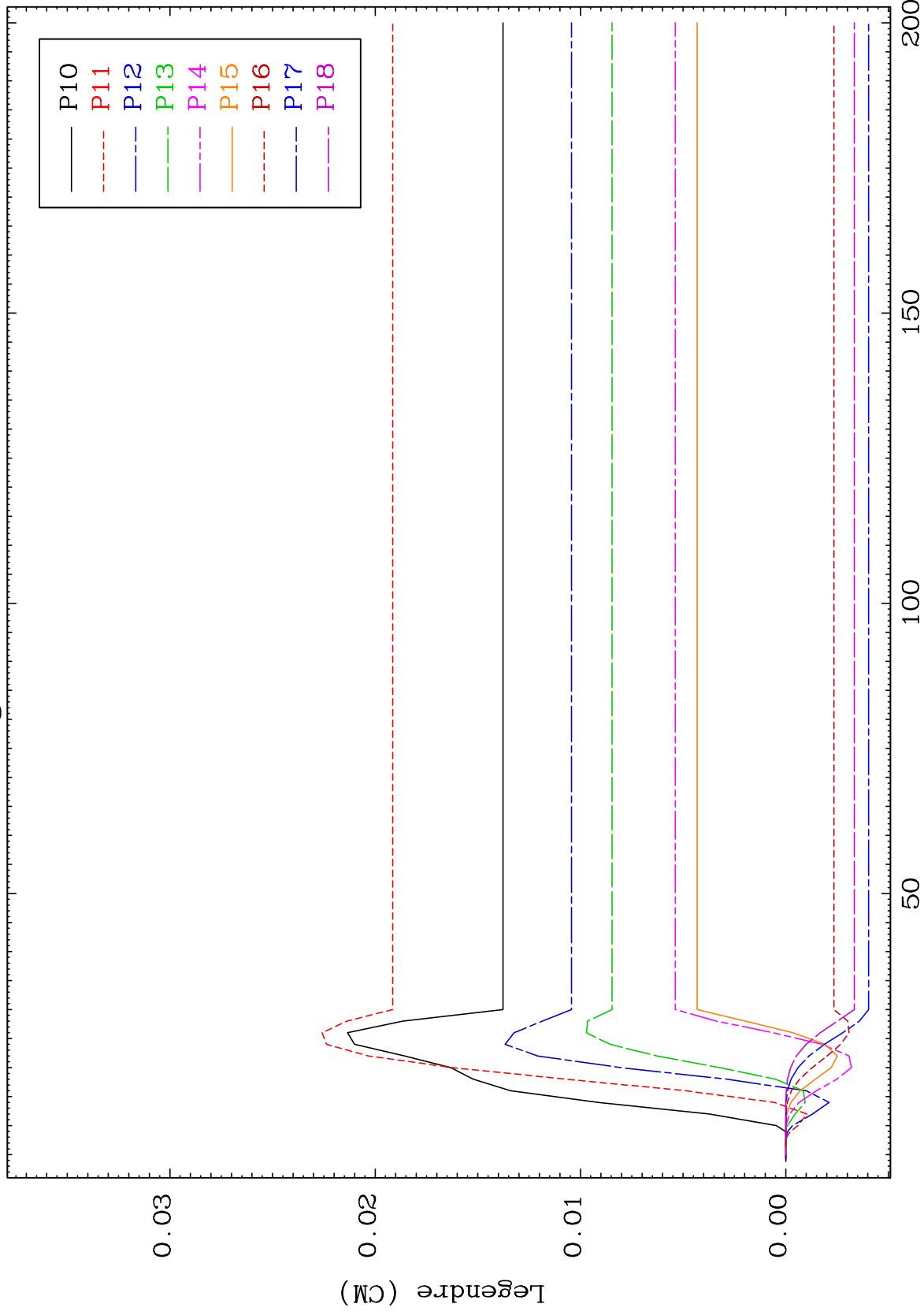
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

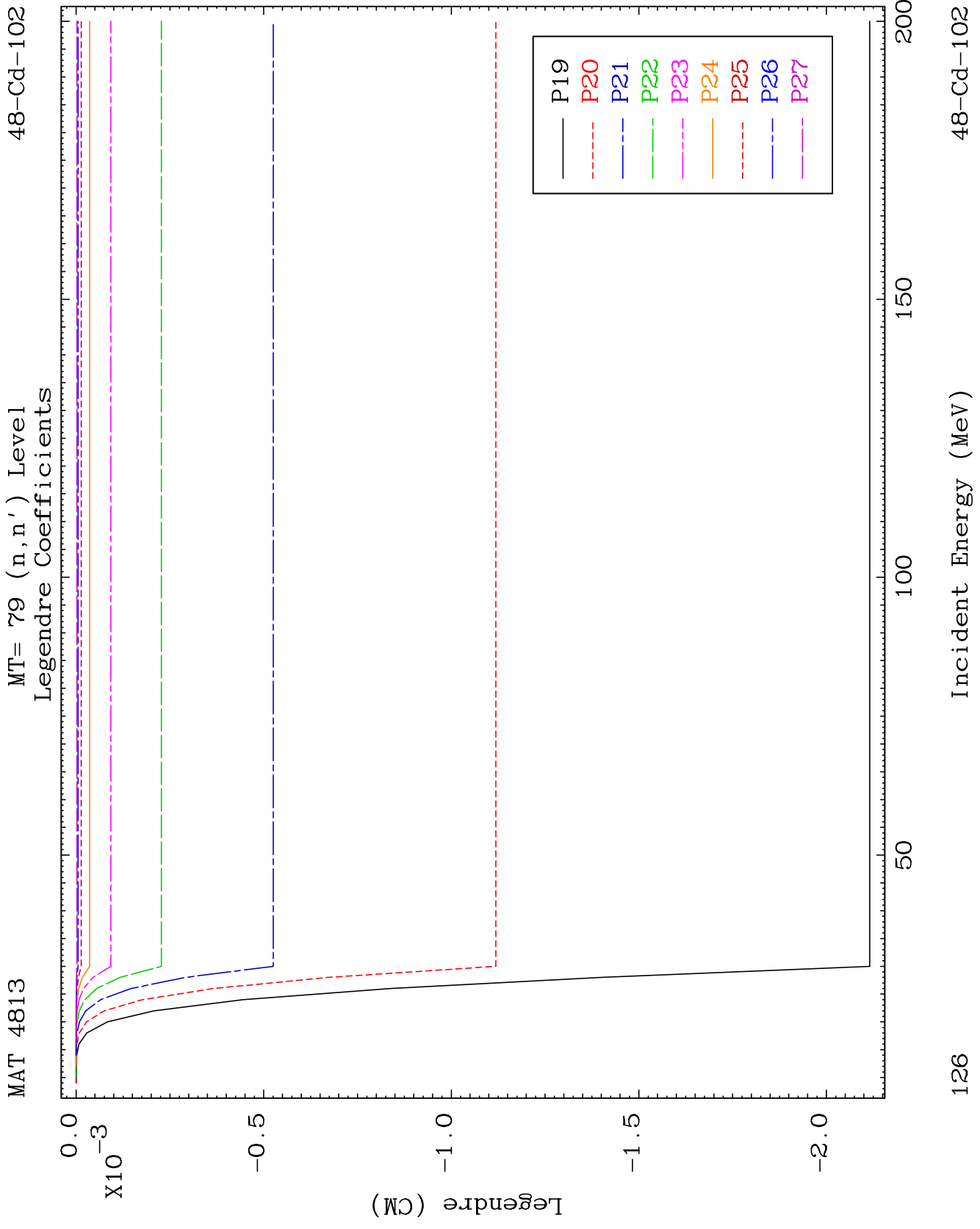
48-Cd-102

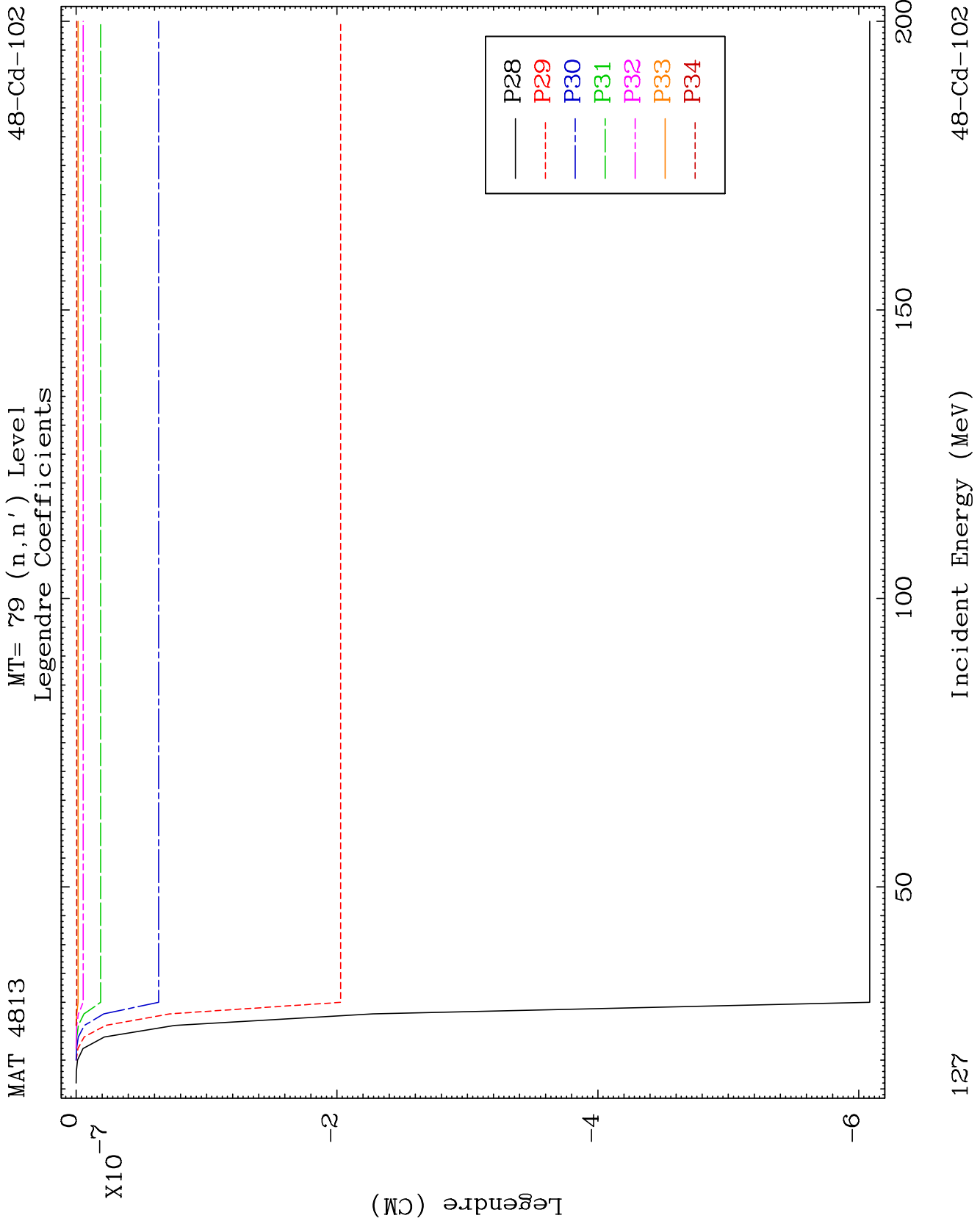


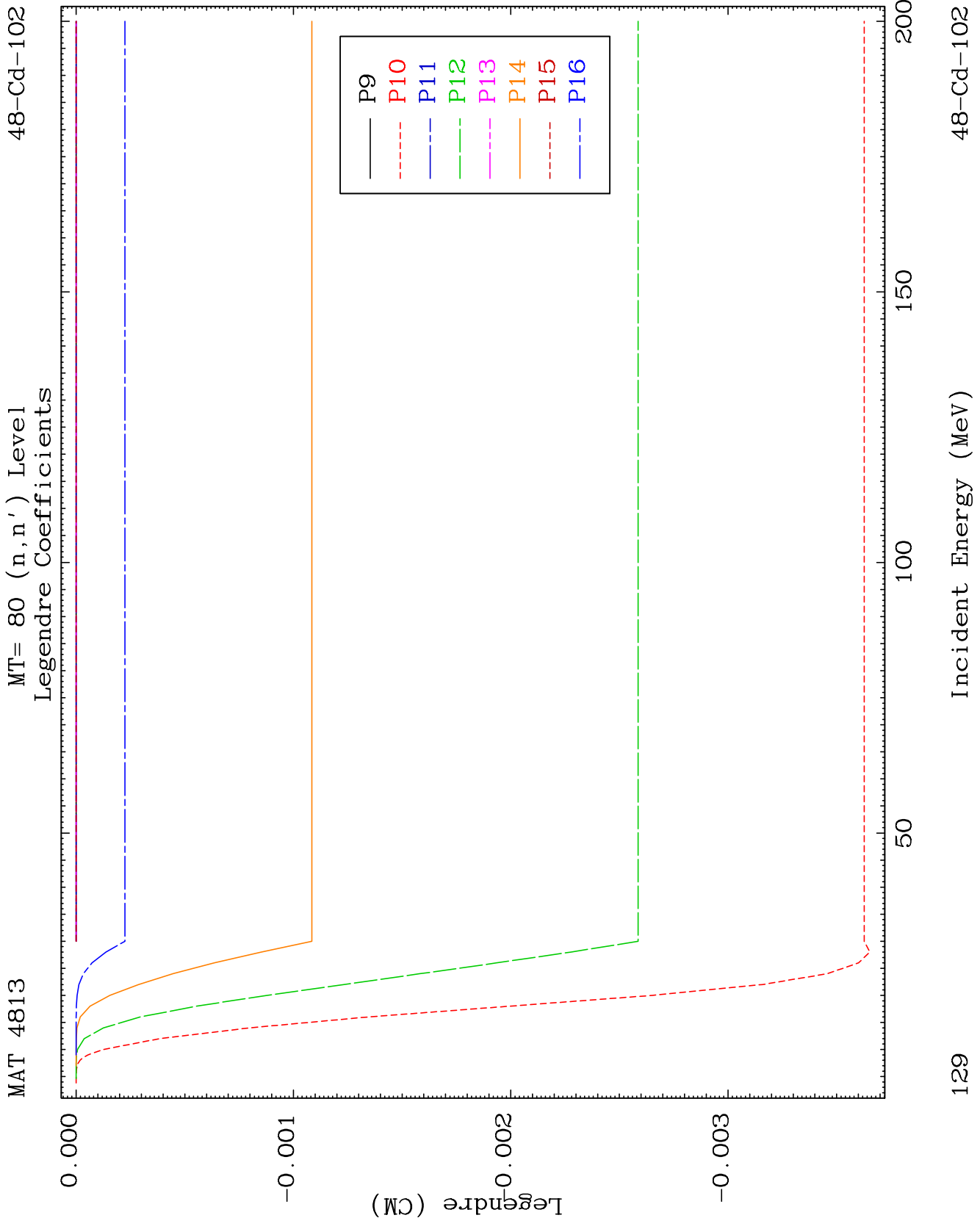
125

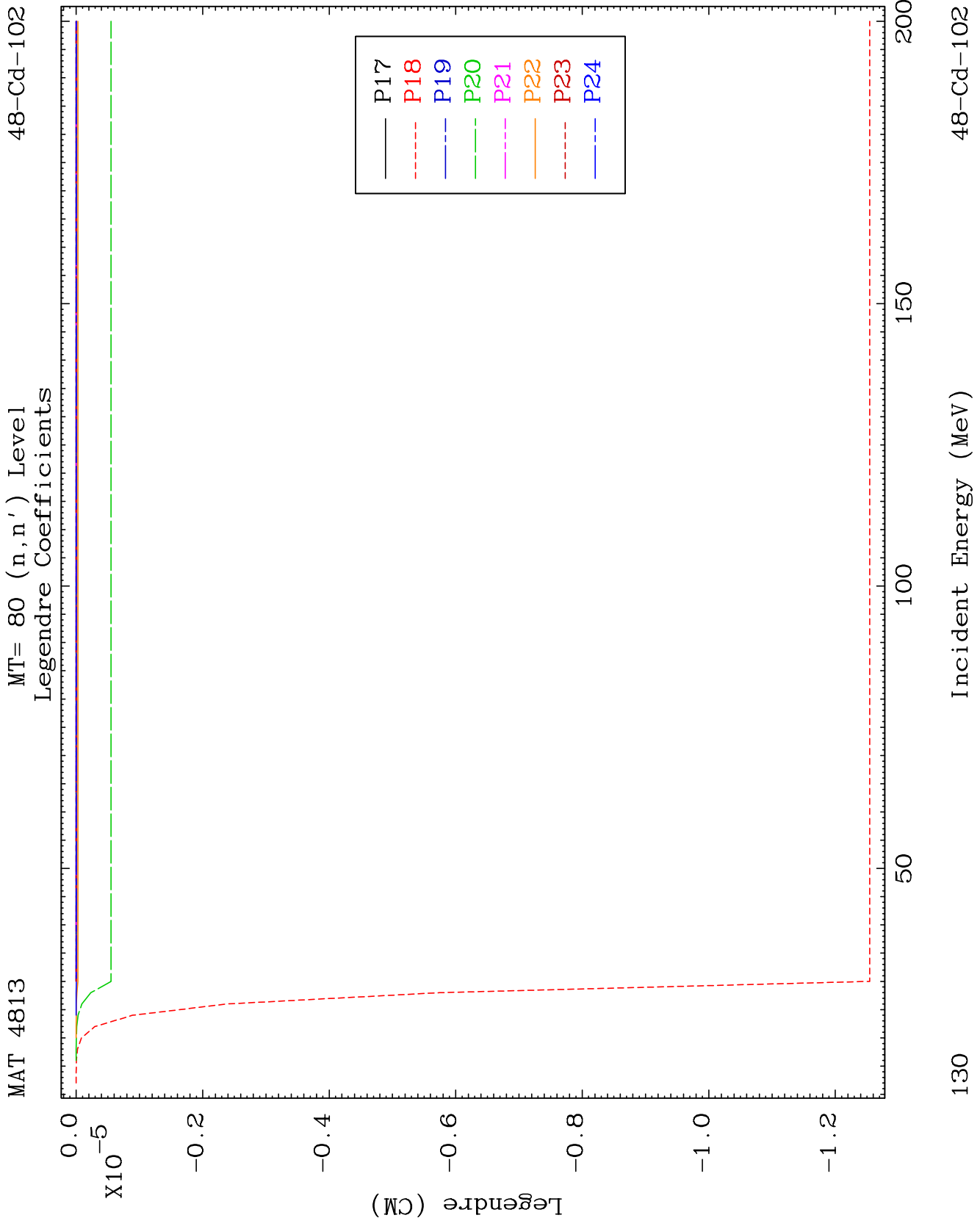
Incident Energy (MeV)

48-Cd-102







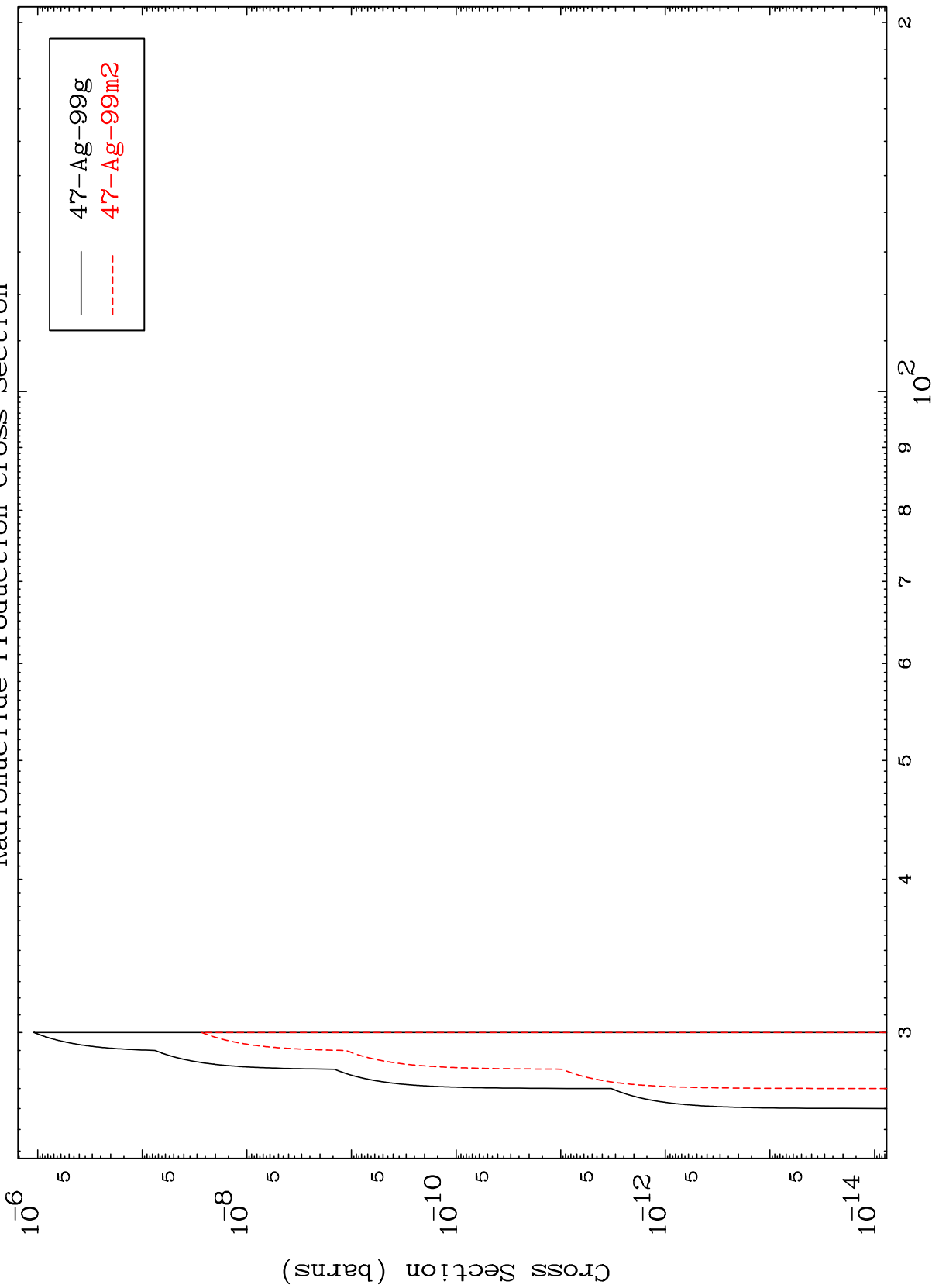


MAT 4813

(n,2n) d

48-Cd-102

Radionuclide Production Cross Section



131

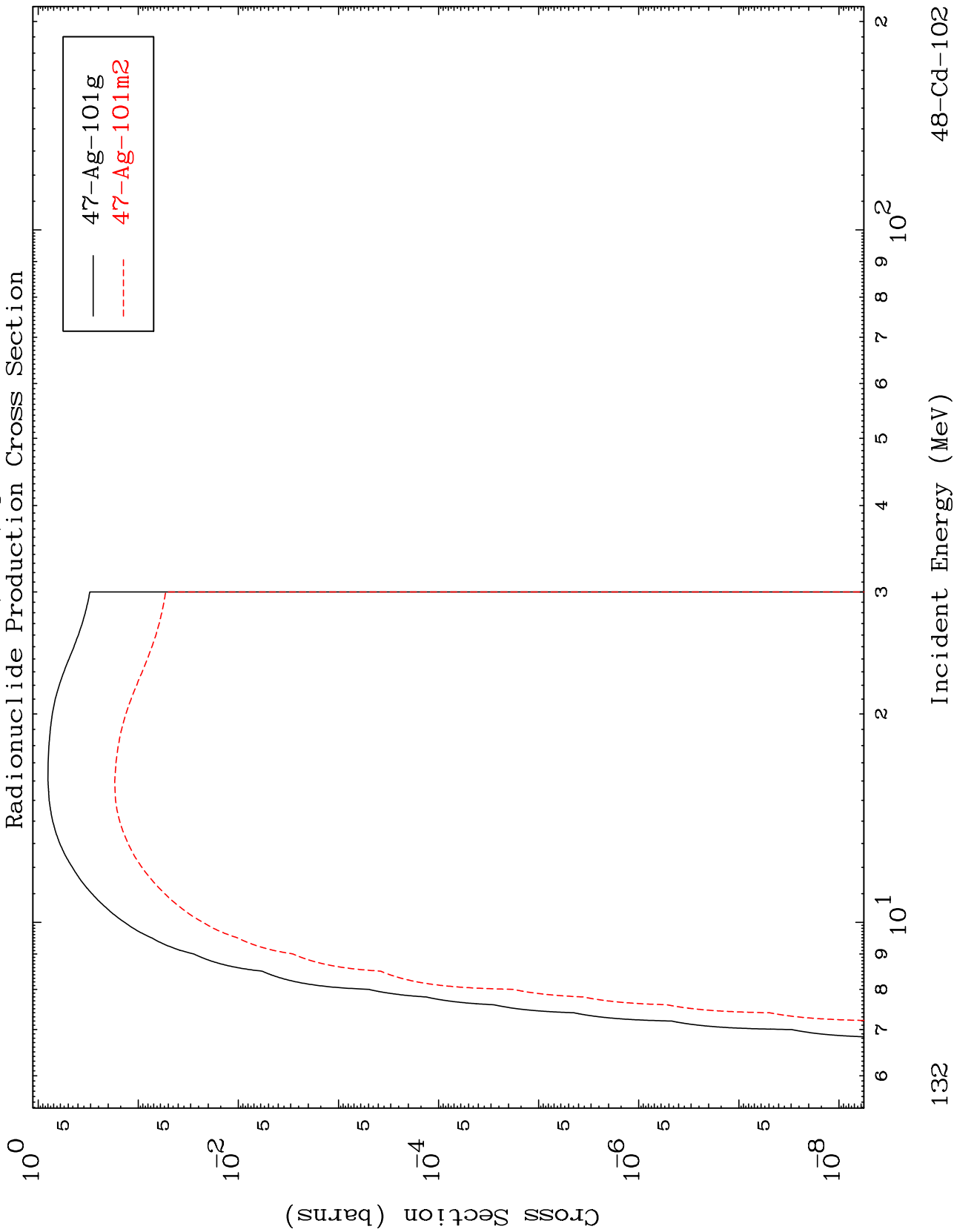
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,n') p

48-Cd-102

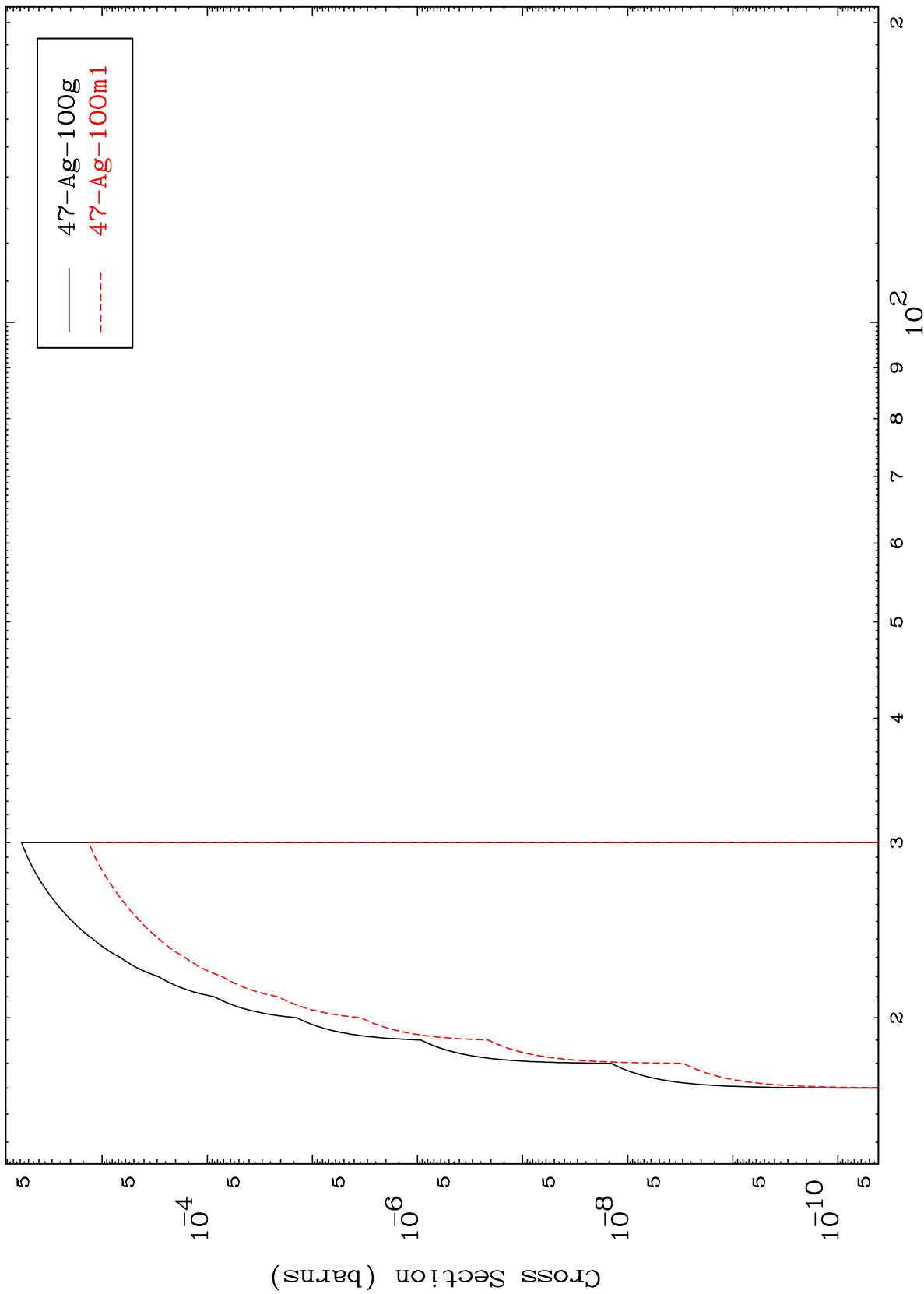


132

Incident Energy (MeV)

48-Cd-102

Radionuclide Production Cross Section

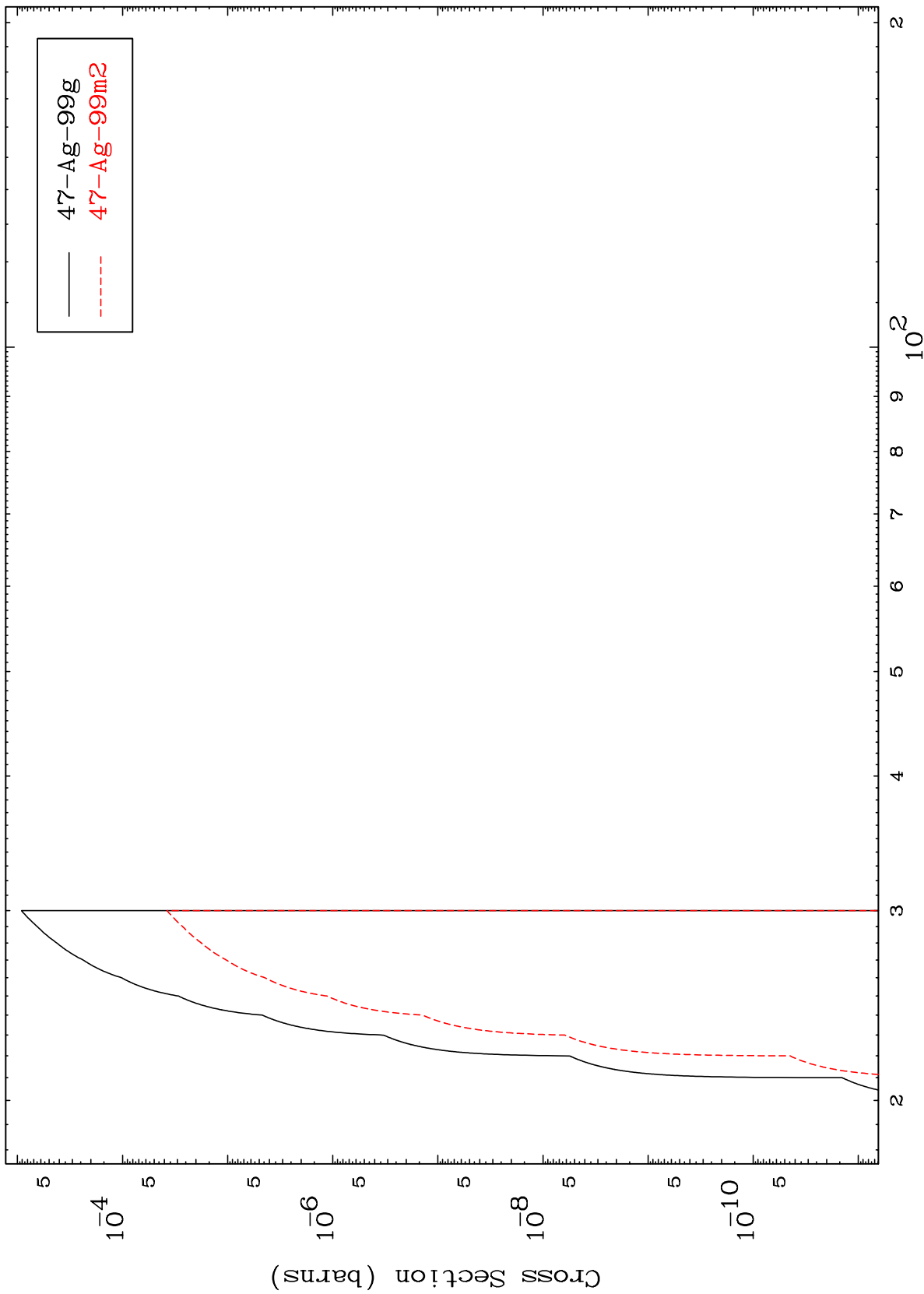


MAT 4813

(n,n') t

48-Cd-102

Radionuclide Production Cross Section



134

Incident Energy (MeV)

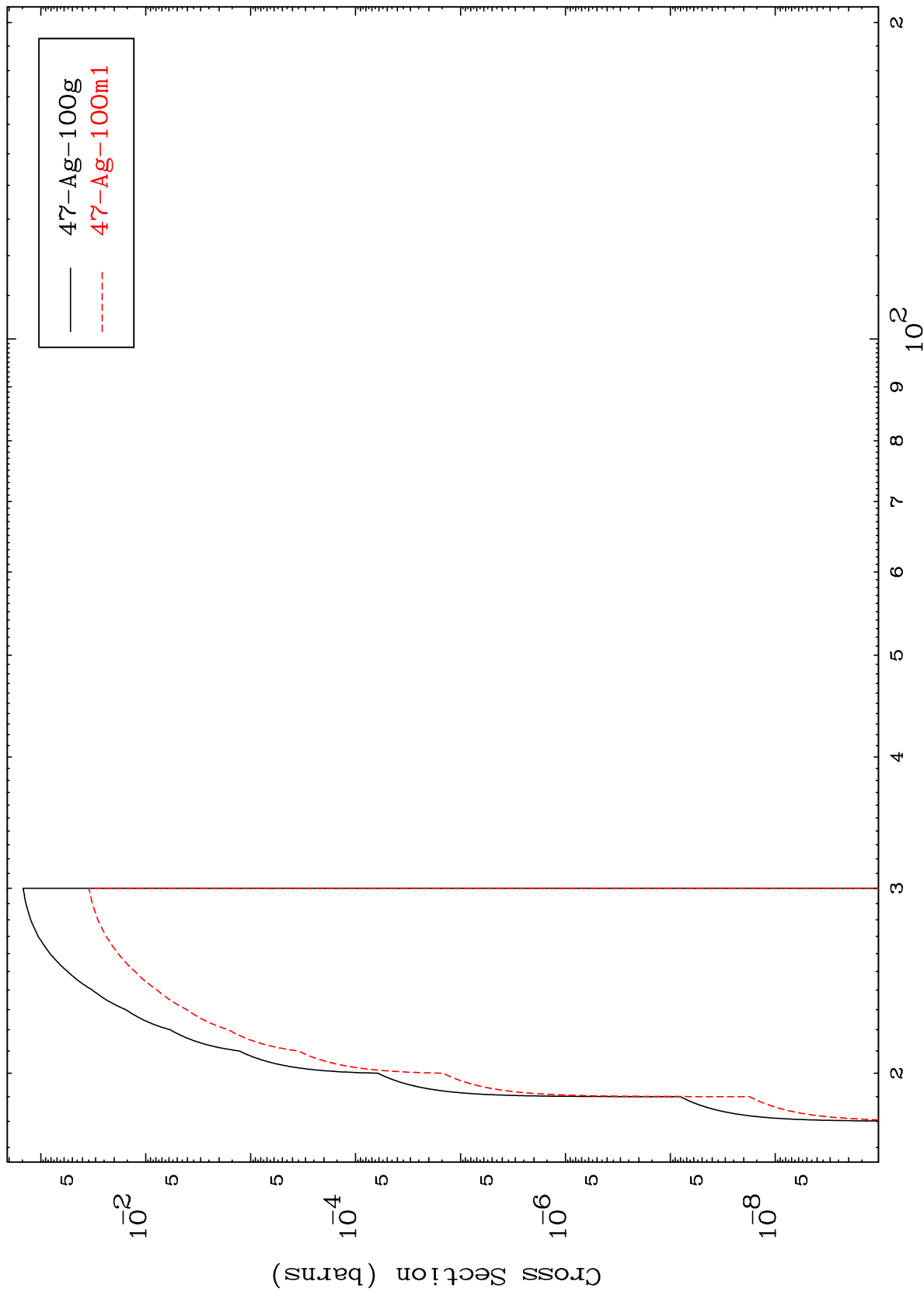
48-Cd-102

MAT 4813

(n,2n) p

48-Cd-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

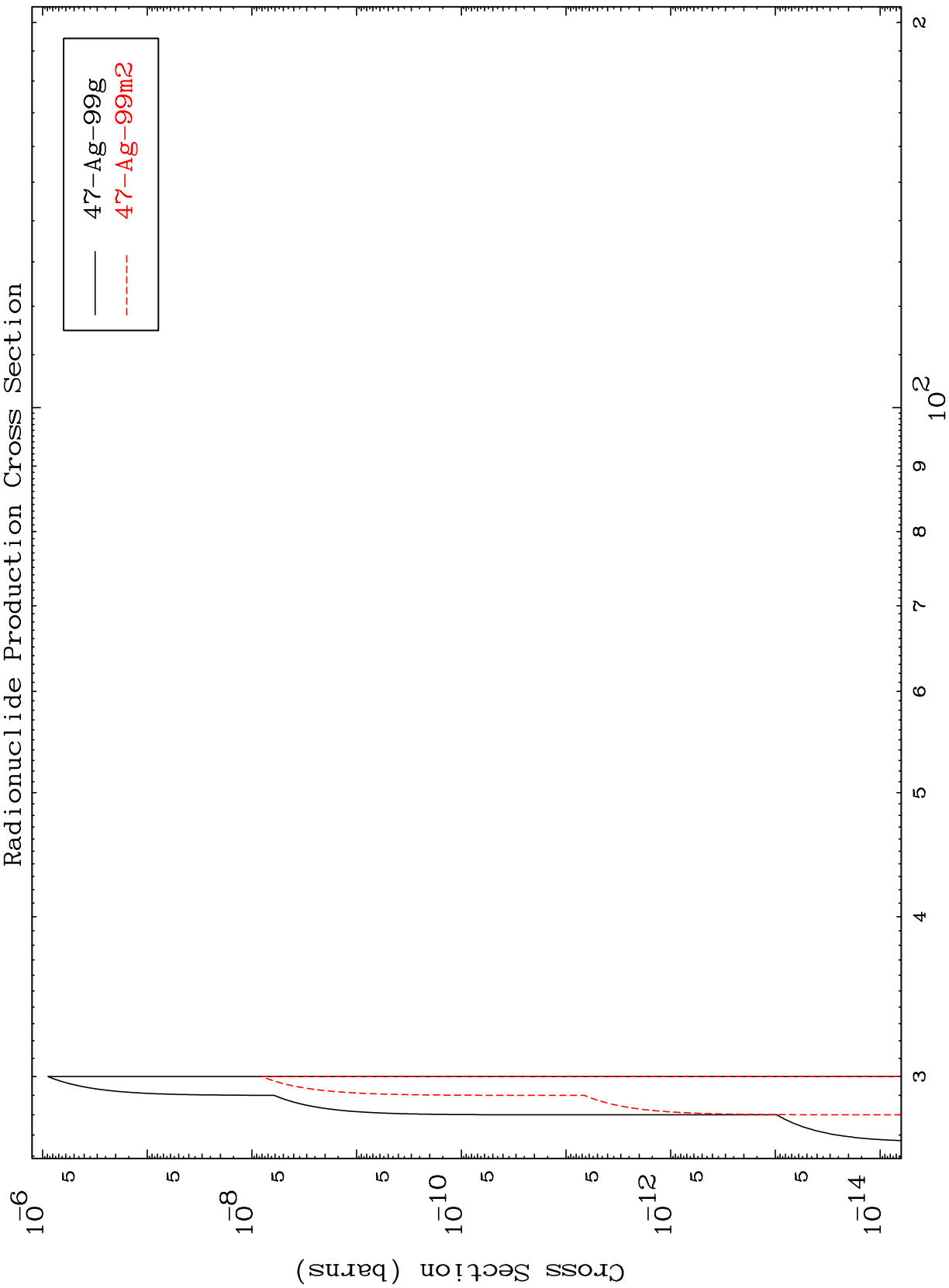
48-Cd-102

MAT 4813

48-Cd-102

(n,3n) p

Radionuclide Production Cross Section



136

Incident Energy (MeV)

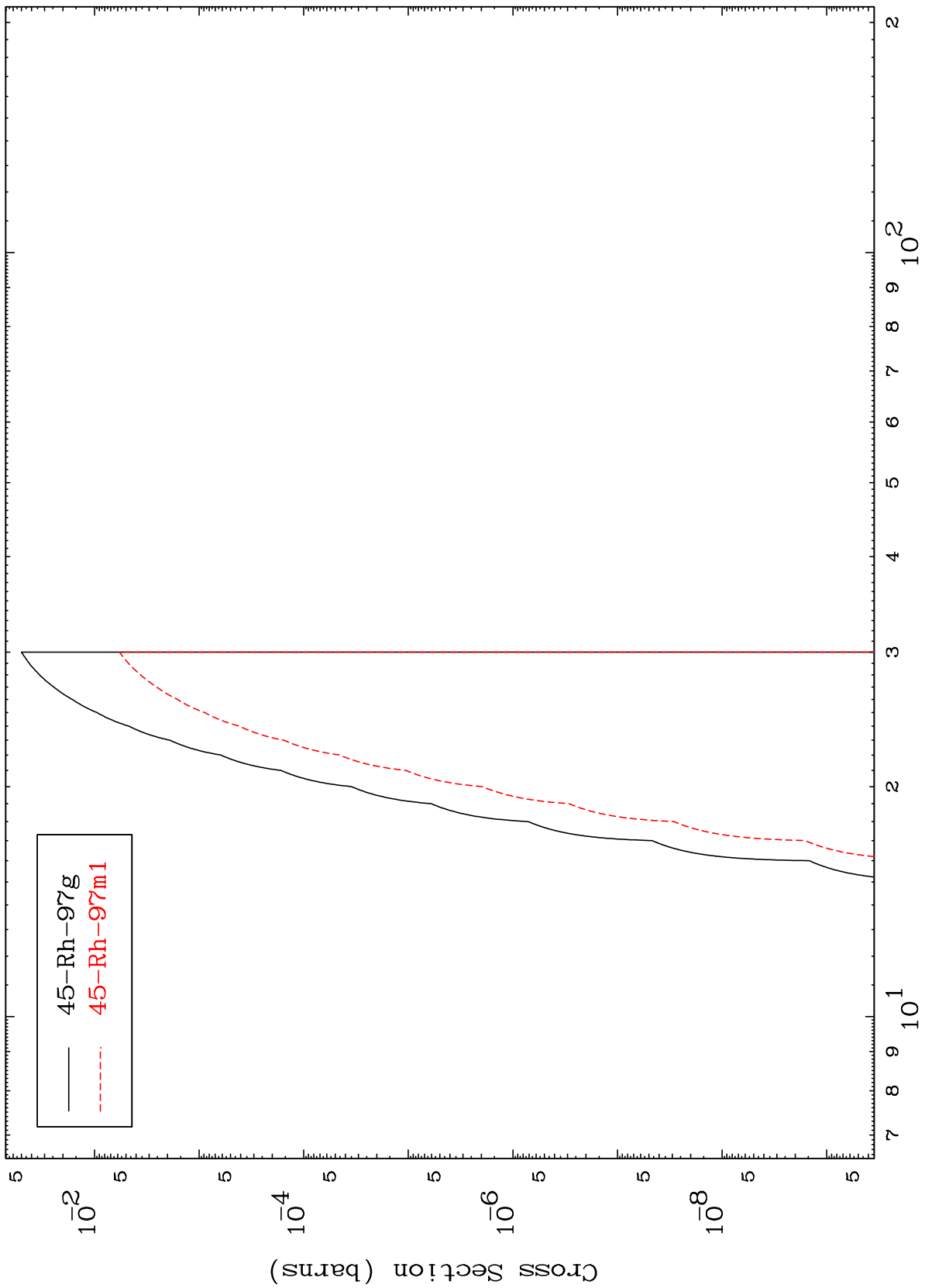
48-Cd-102

MAT 4813

(n,n') p α

48-Cd-102

Radionuclide Production Cross Section



137

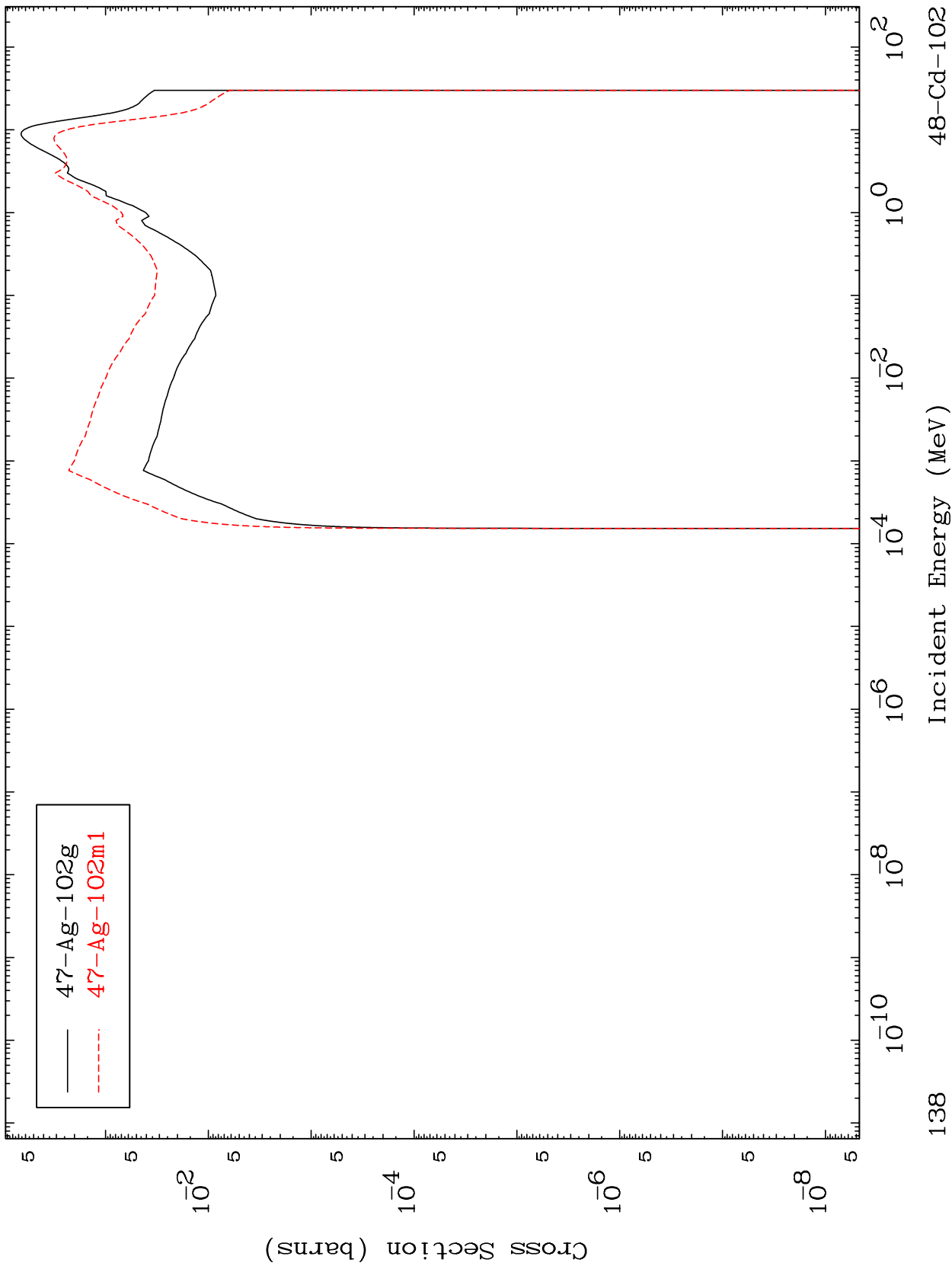
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

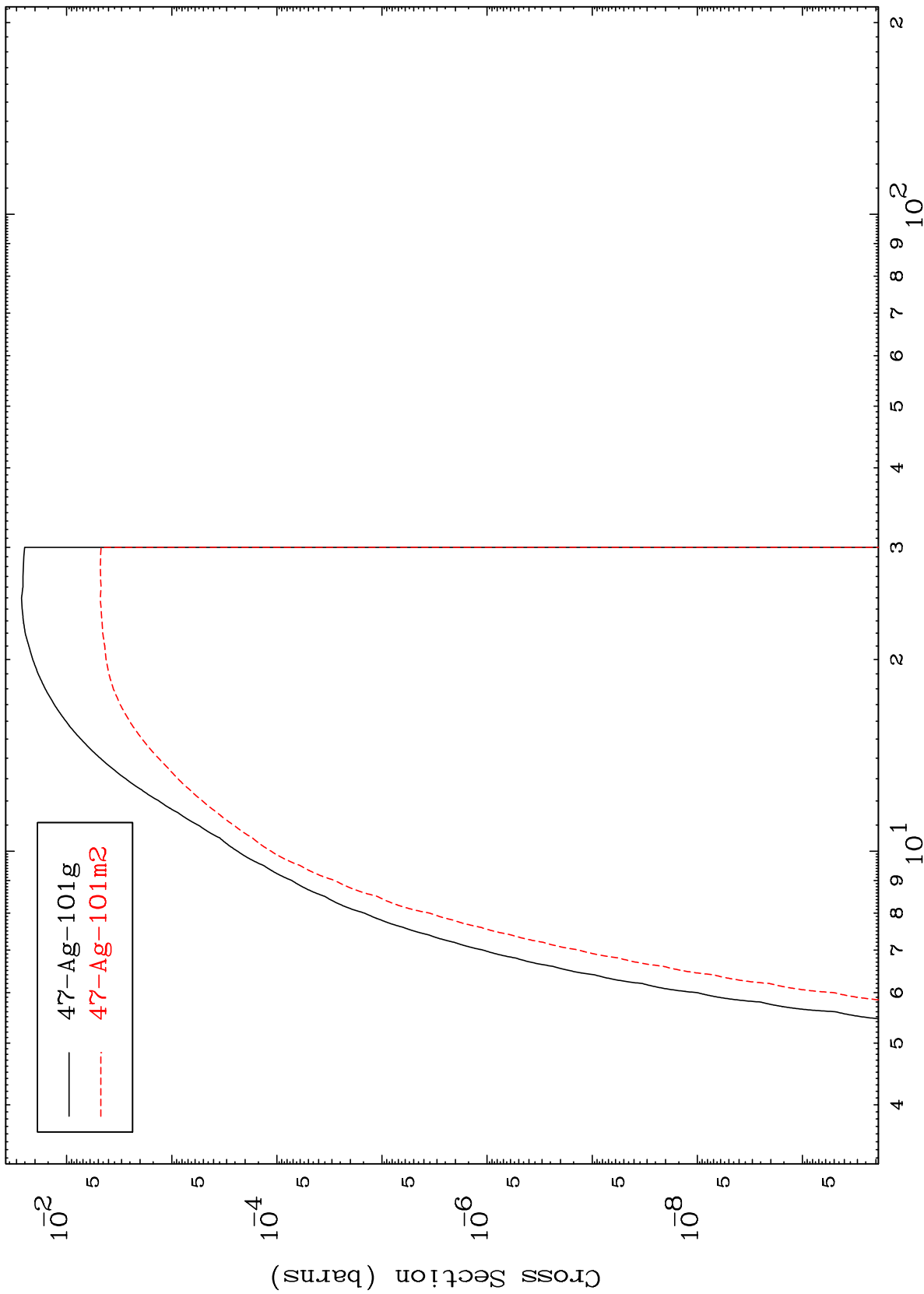
(n,p)
Radionuclide Production Cross Section



MAT 4813

48-Cd-102

(n,d)
Radionuclide Production Cross Section



139

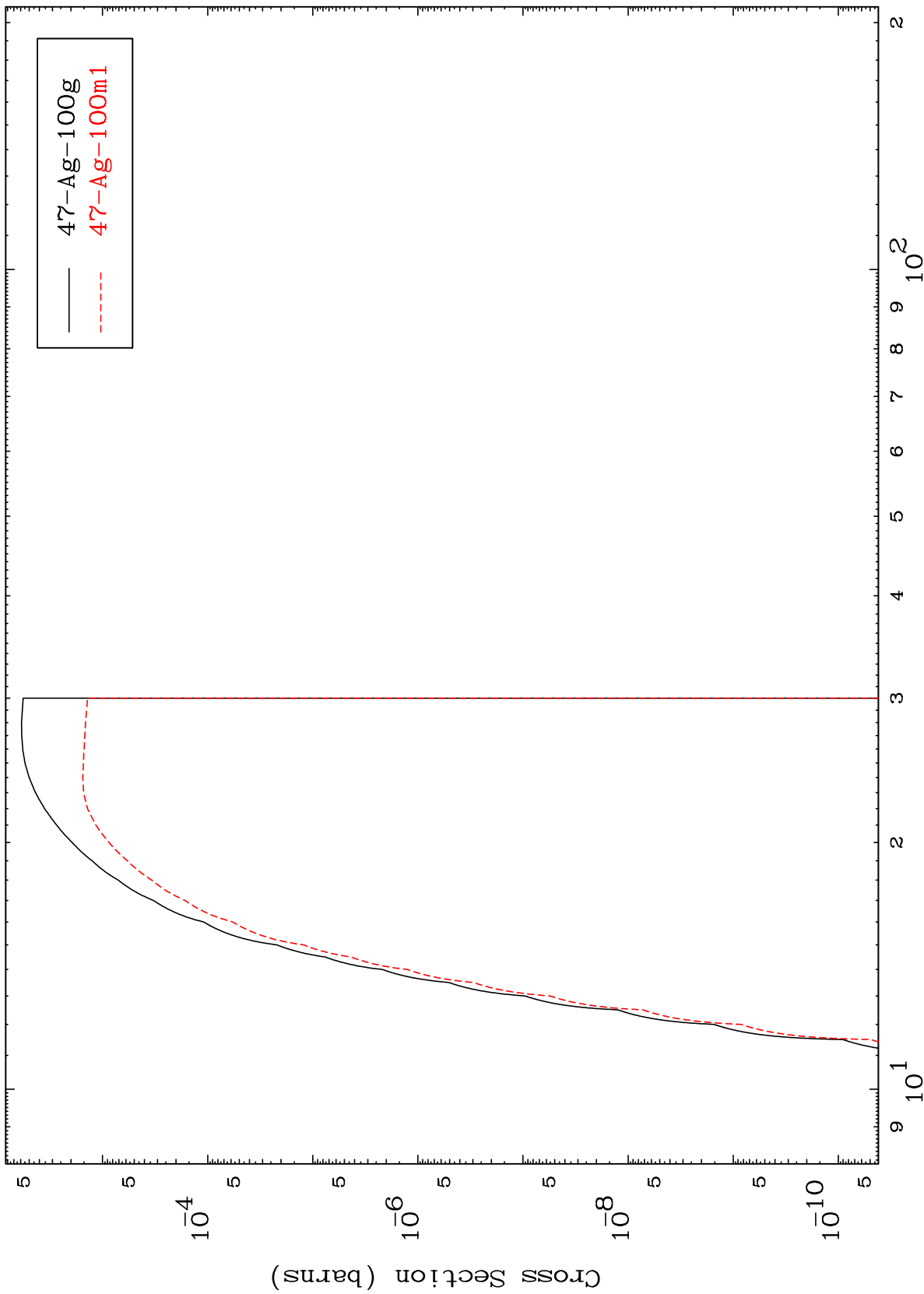
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n, t)
Radionuclide Production Cross Section



48-Cd-102

Incident Energy (MeV)

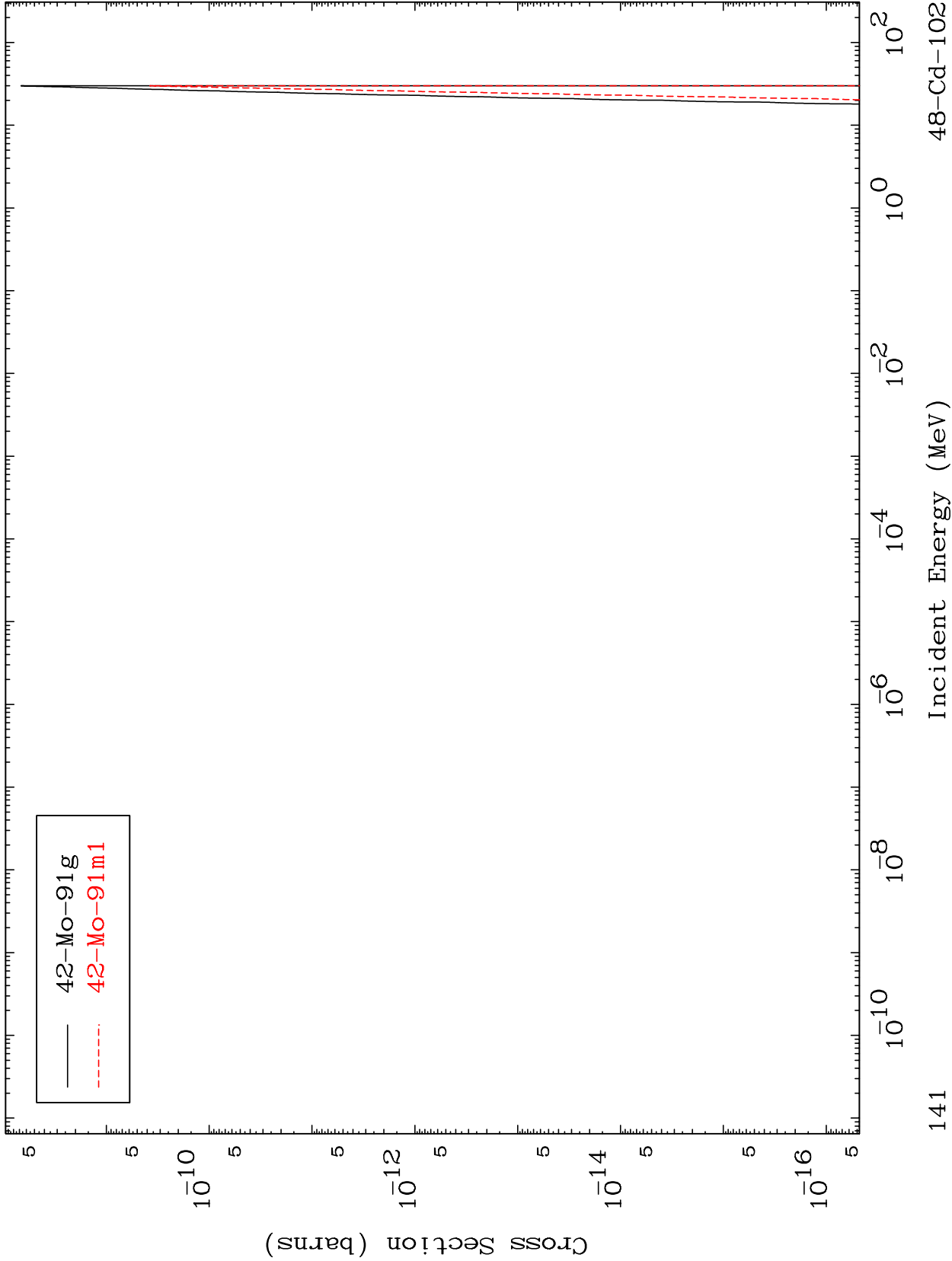
140

MAT 4813

(n,3 α)

48-Cd-102

Radionuclide Production Cross Section



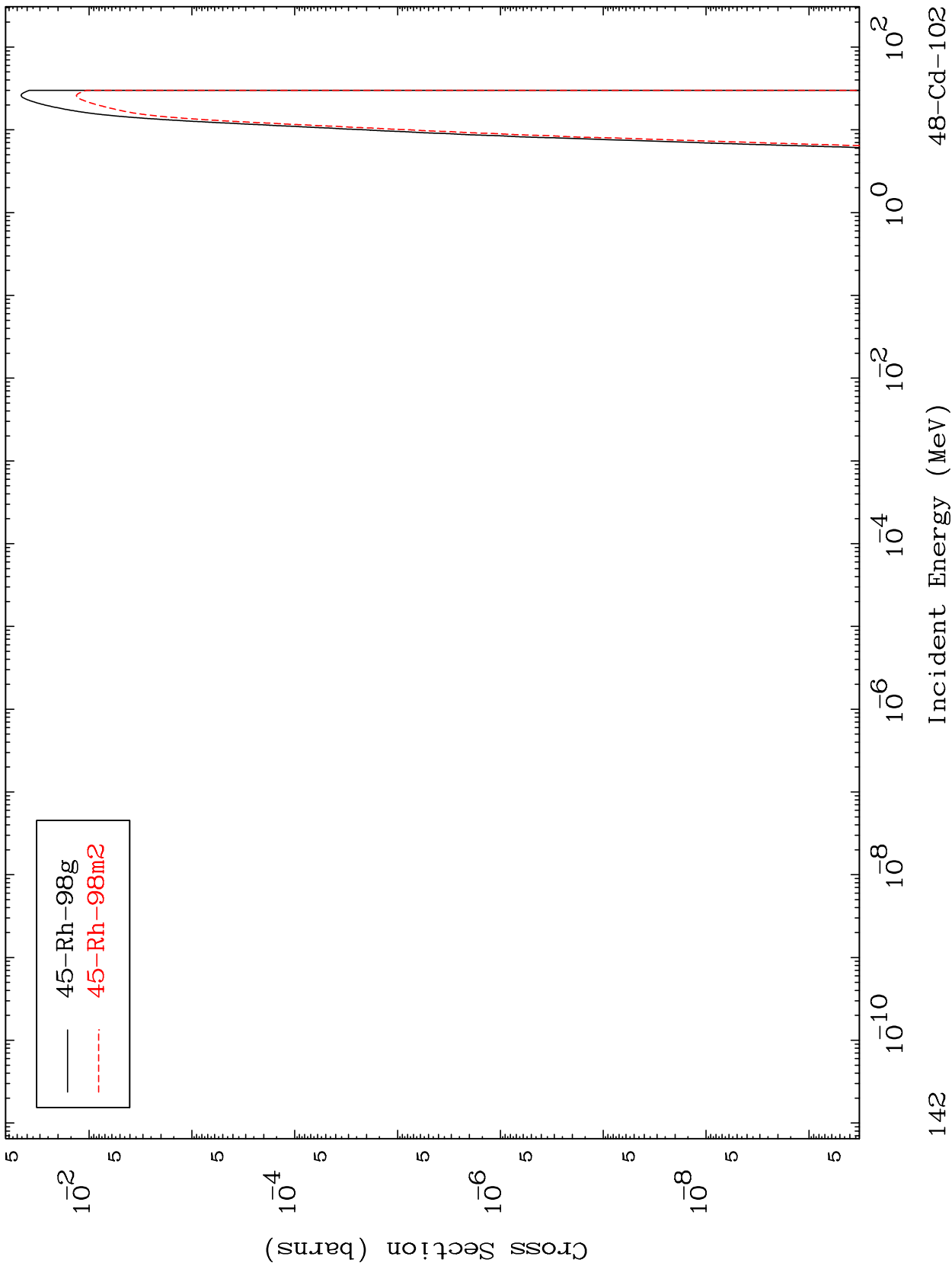
141

MAT 4813

(n,p) α

48-Cd-102

Radionuclide Production Cross Section

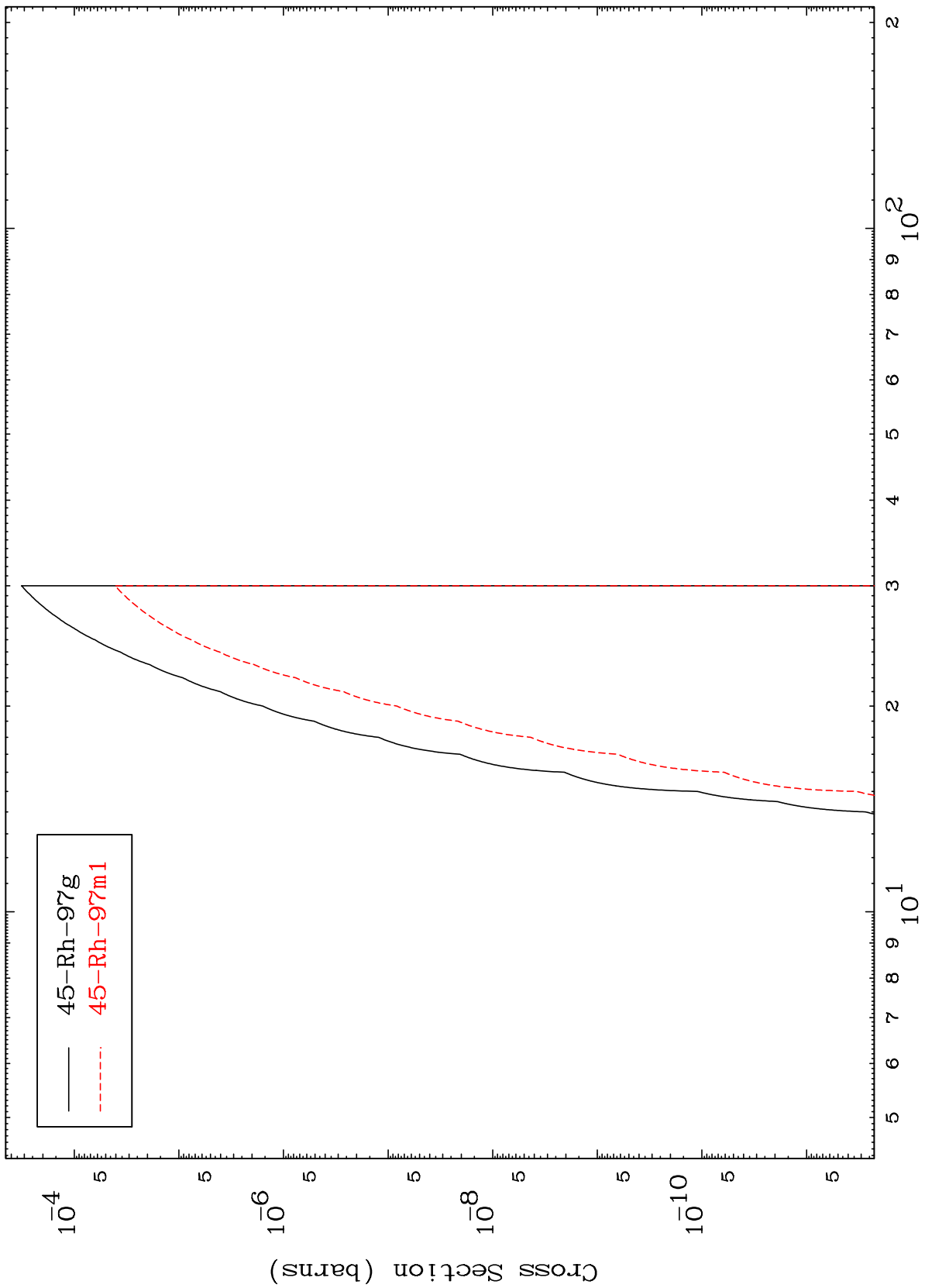


MAT 4813

(n,d) α

48-Cd-102

Radionuclide Production Cross Section



— 45-Rh-97g
- - - 45-Rh-97m1

143

Incident Energy (MeV)

48-Cd-102