

Program EVALPLOT
(Version 2021-1)

by

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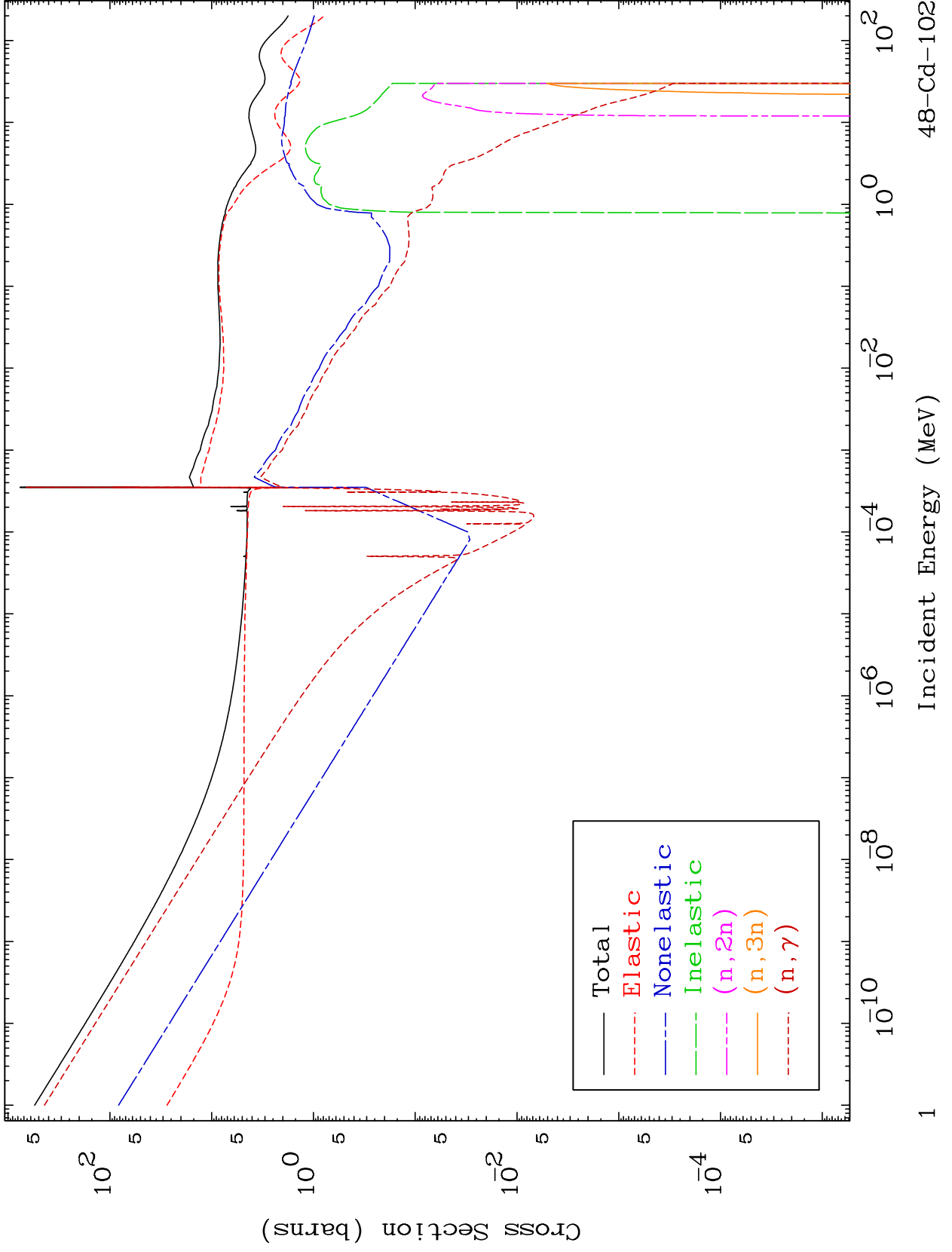
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4813

Neutron Major
293 Kelvin Cross Sections

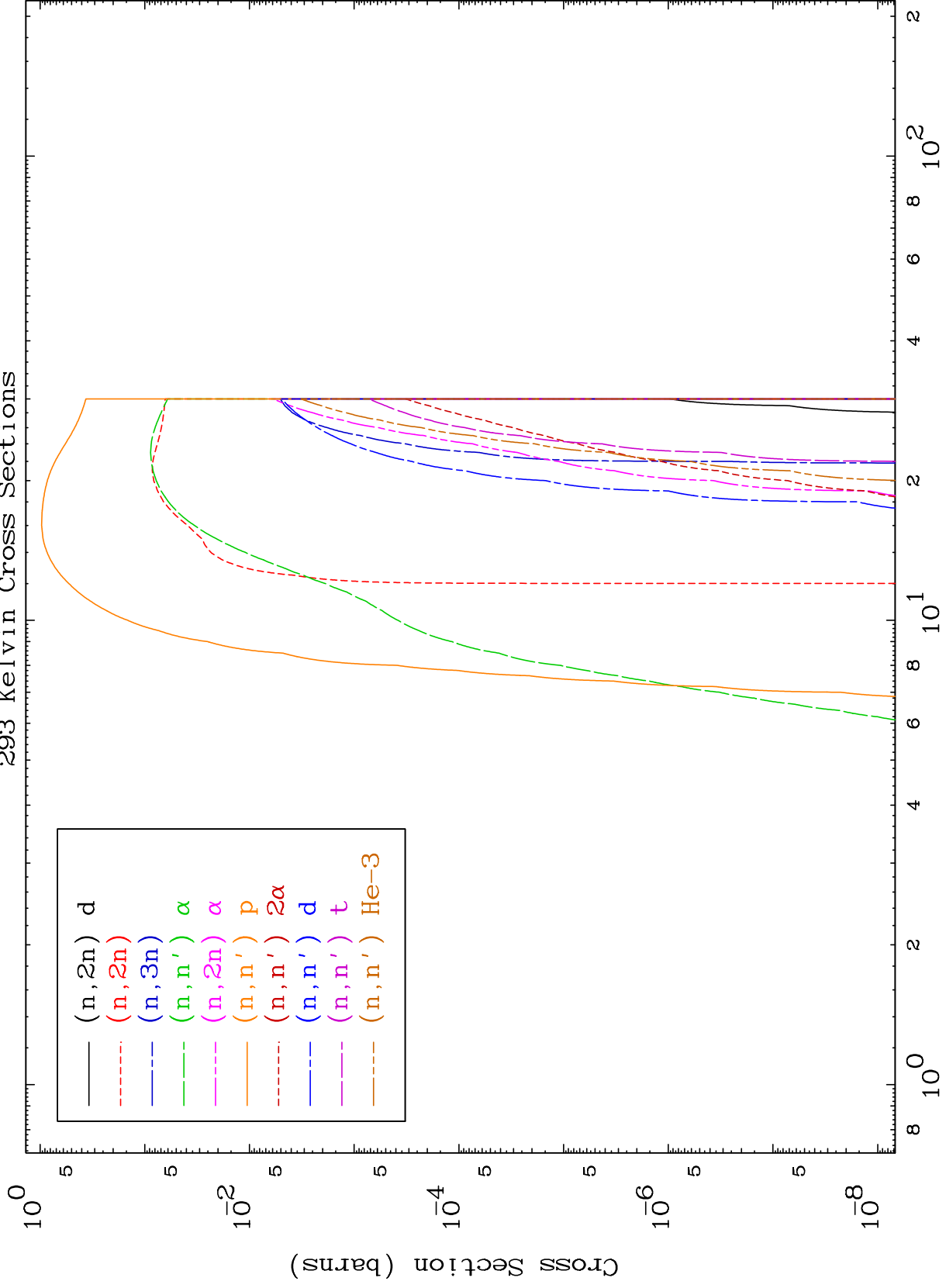
48-Cd-102



MAT 4813

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-102



Incident Energy (MeV)

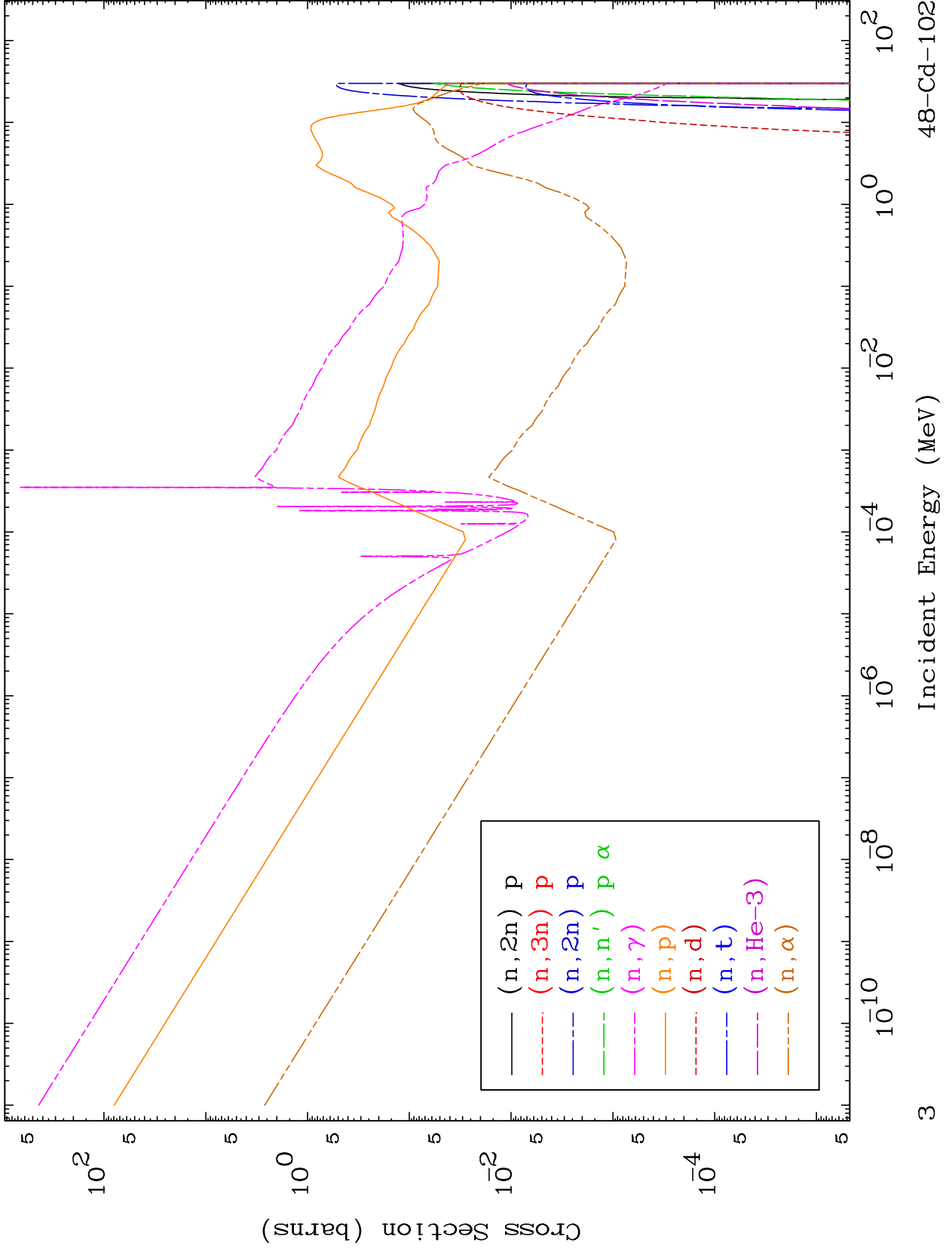
48-Cd-102

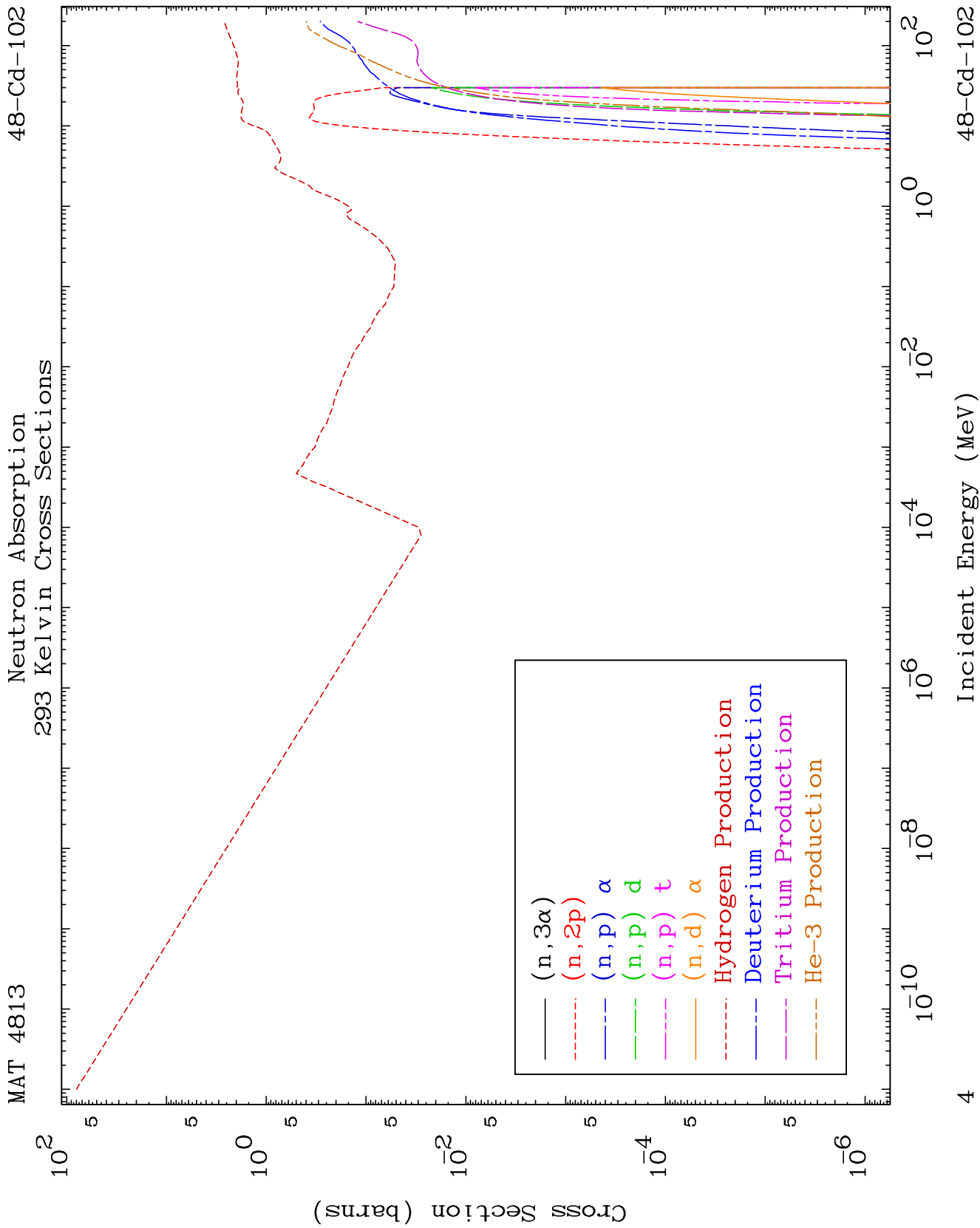
2

MAT 4813

Neutron Absorption
293 Kelvin Cross Sections

48-Cd-102

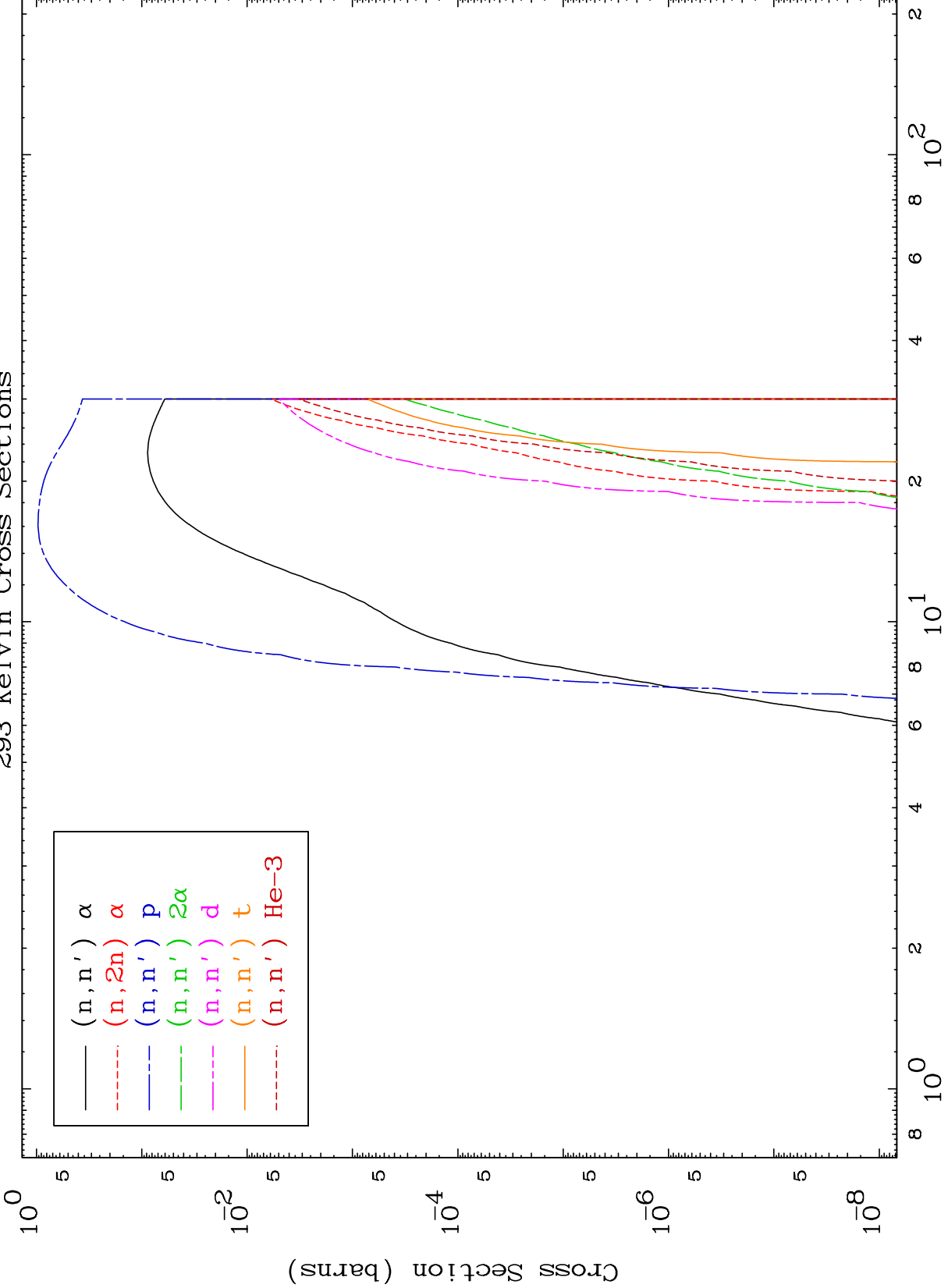




MAT 4813

Charged Particle
293 Kelvin Cross Sections

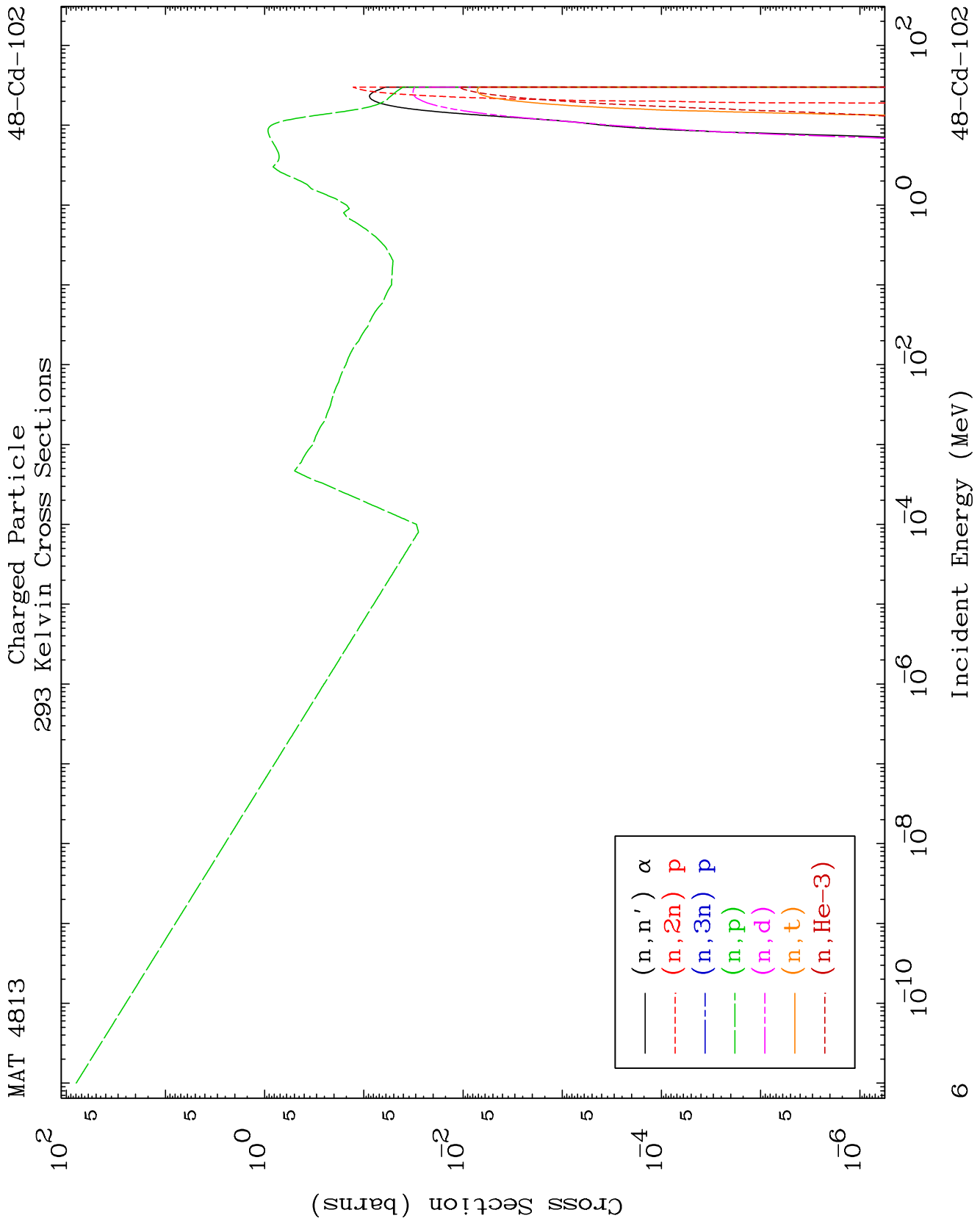
48-Cd-102



5

Incident Energy (MeV)

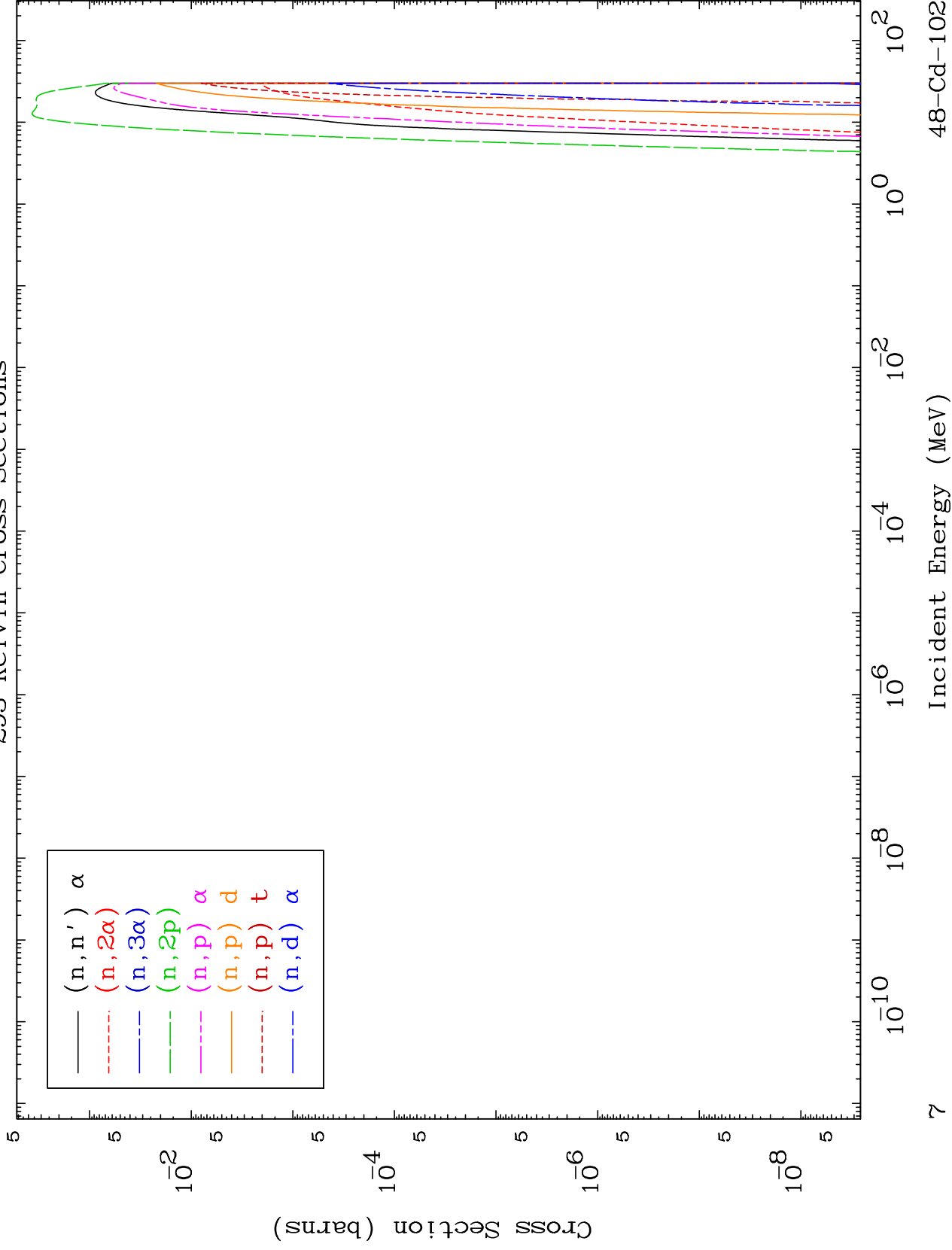
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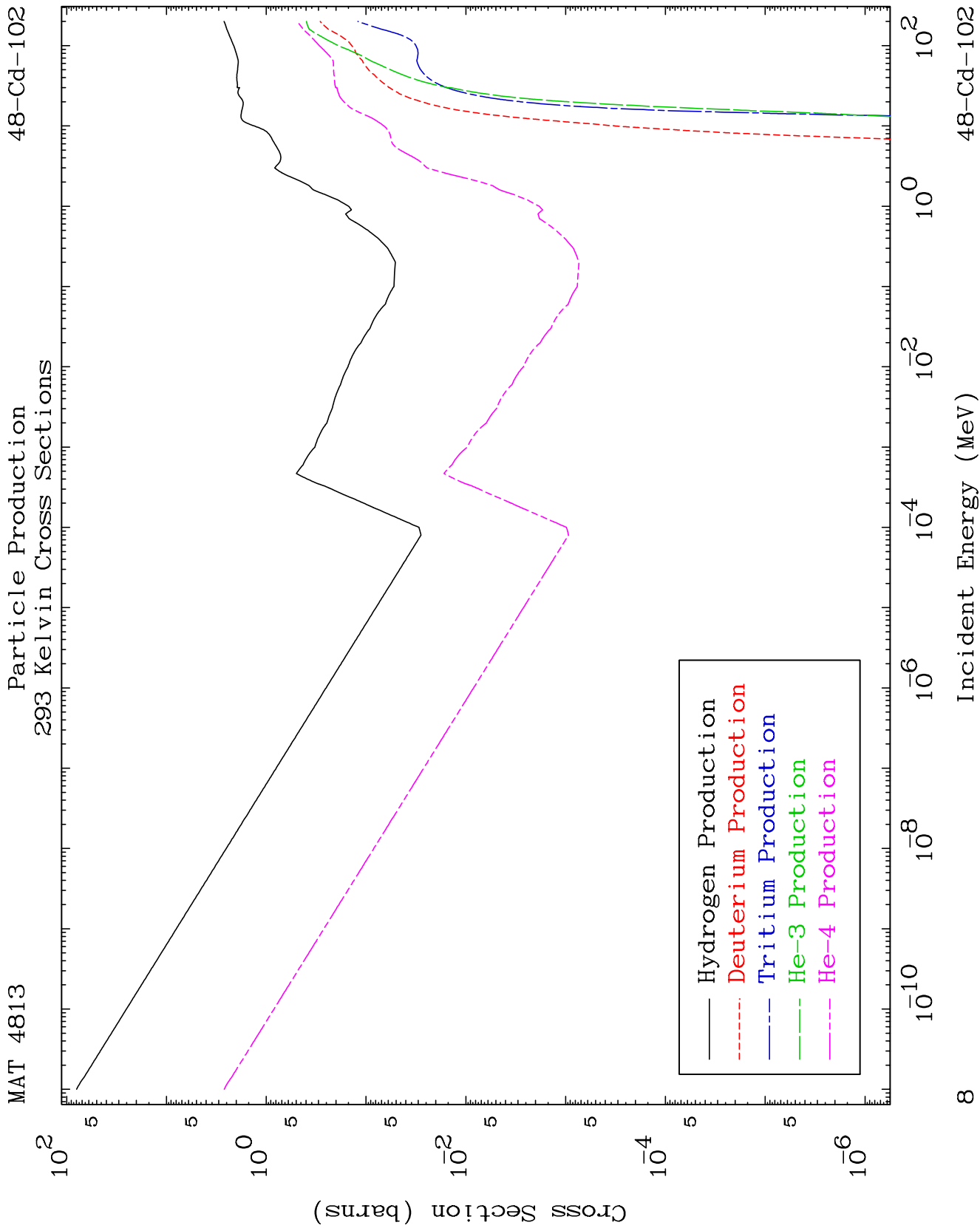


MAT 4813

Charged Particle
293 Kelvin Cross Sections

48-Cd-102



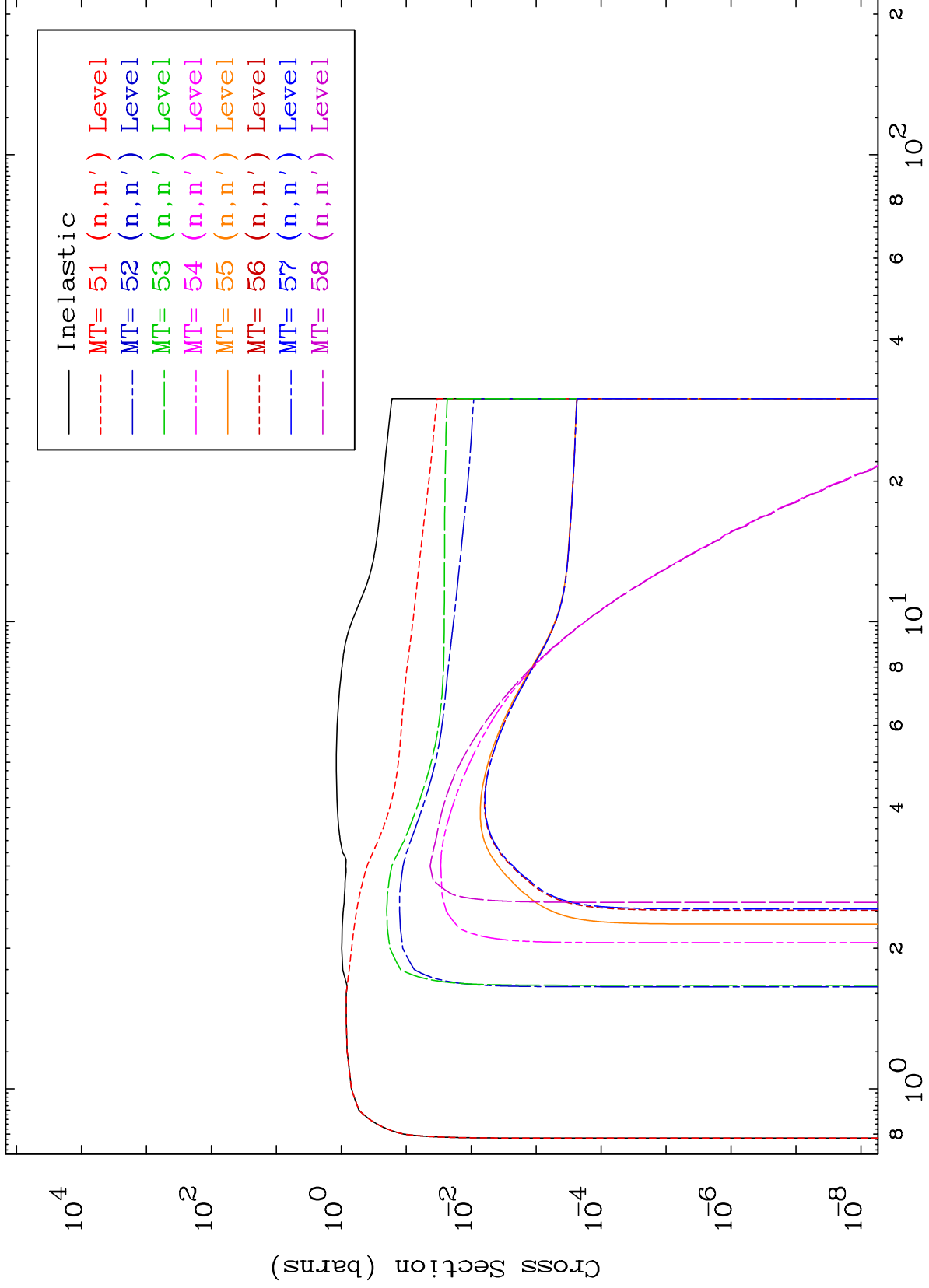


MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



9

Incident Energy (MeV)

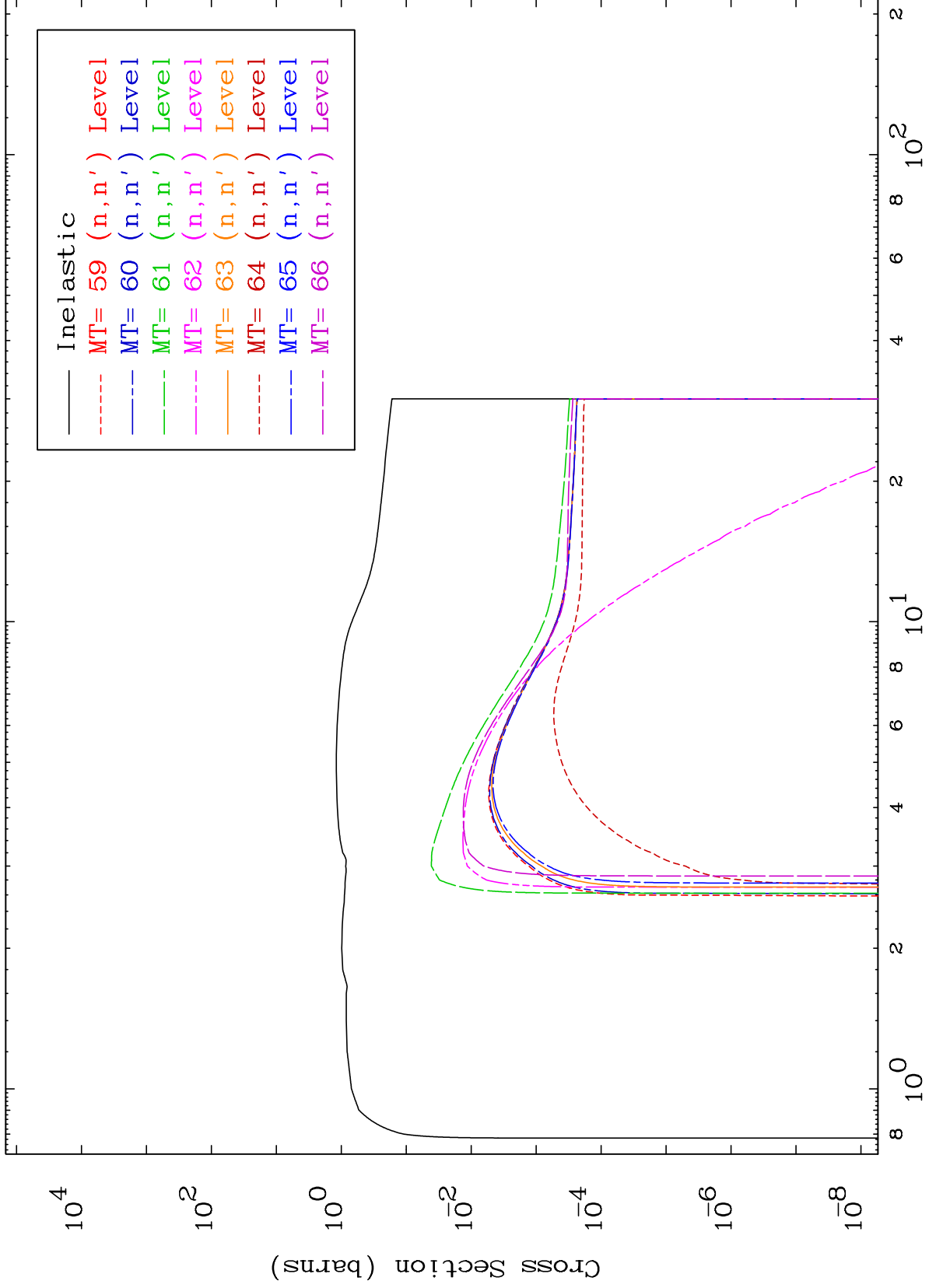
48-Cd-102

MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



10

Incident Energy (MeV)

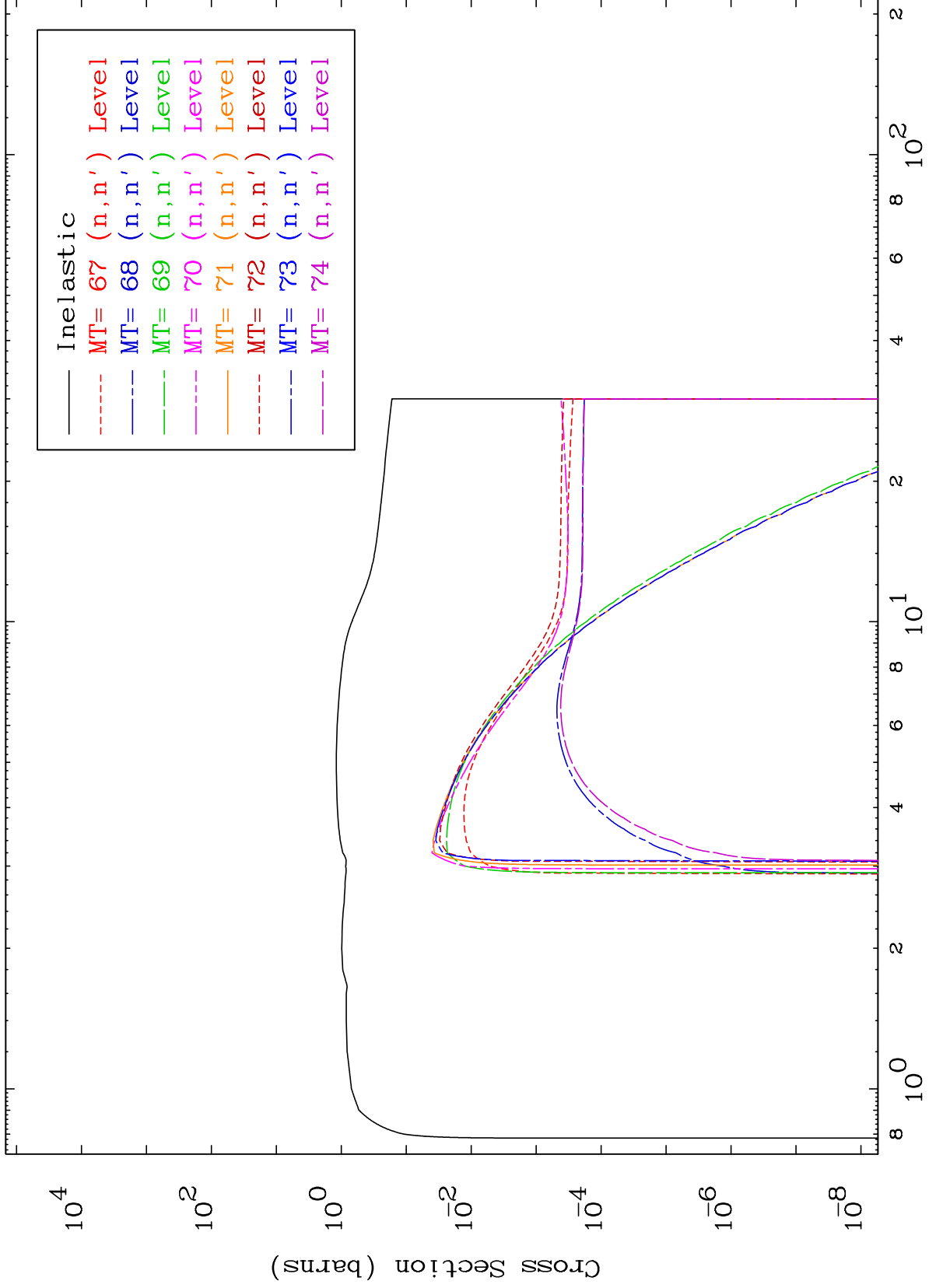
48-Cd-102

MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



11

Incident Energy (MeV)

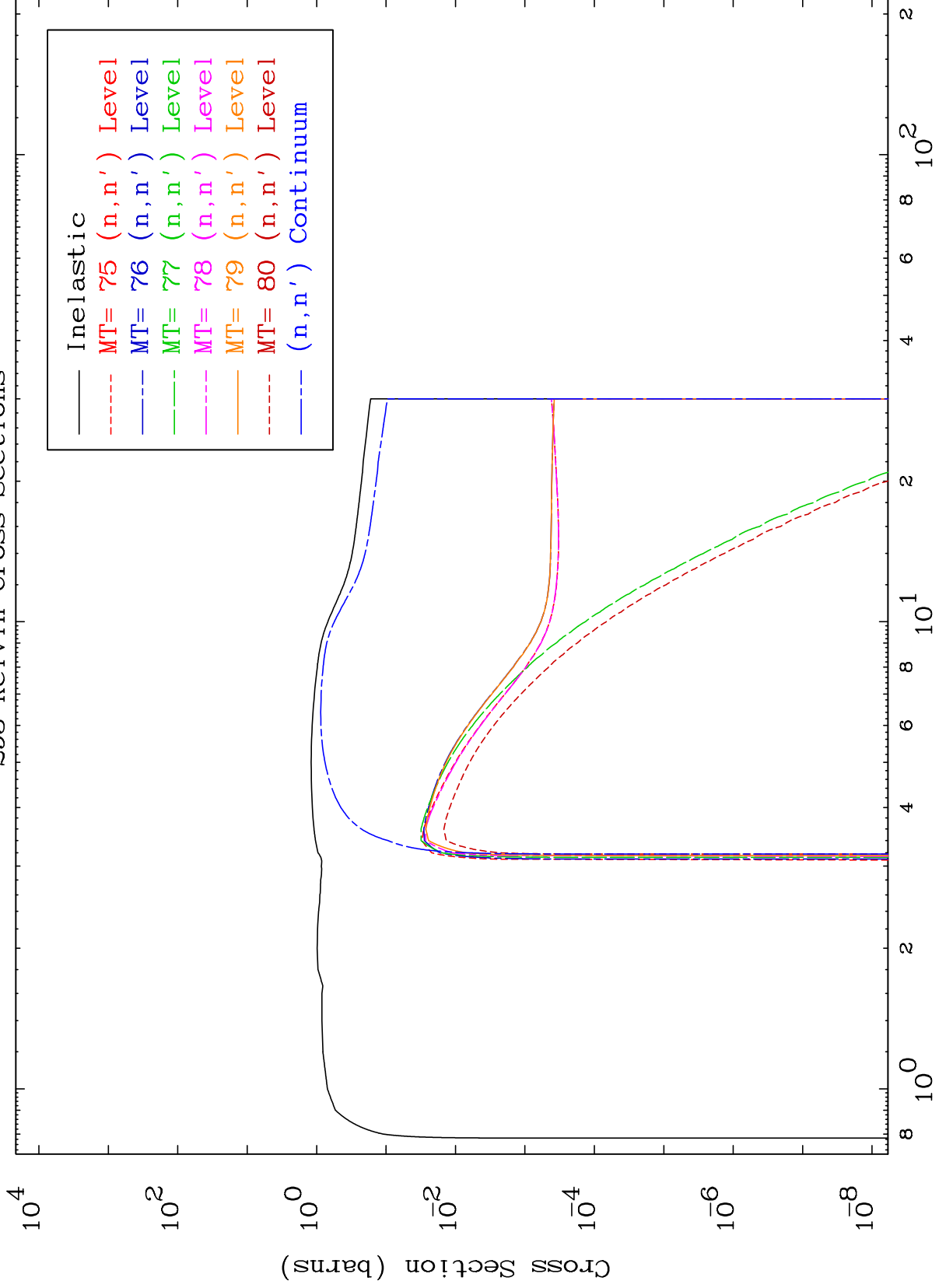
48-Cd-102

MAT 4813

(n,n') Levels

48-Cd-102

293 Kelvin Cross Sections



12

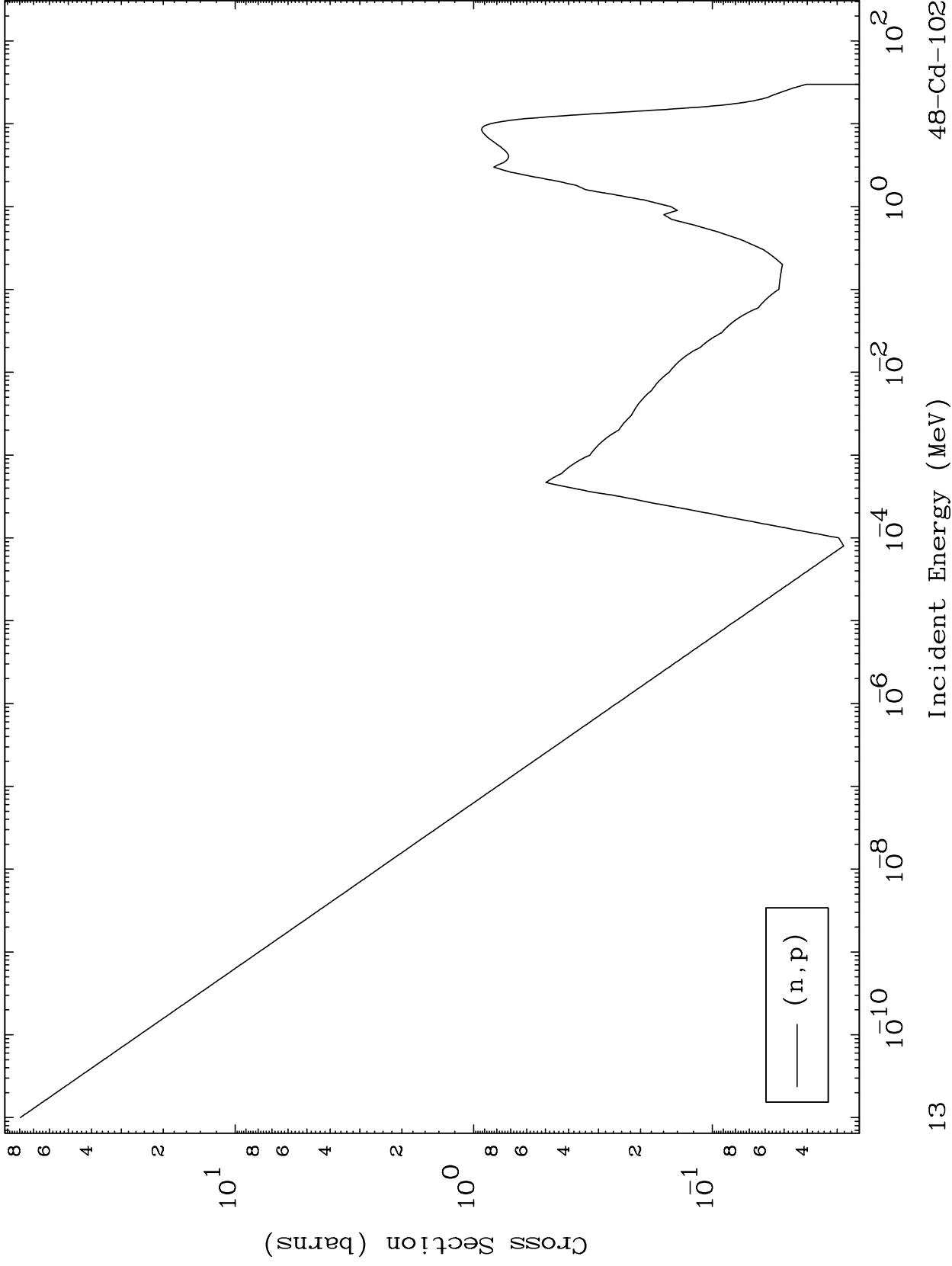
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,p) Levels
293 Kelvin Cross Sections

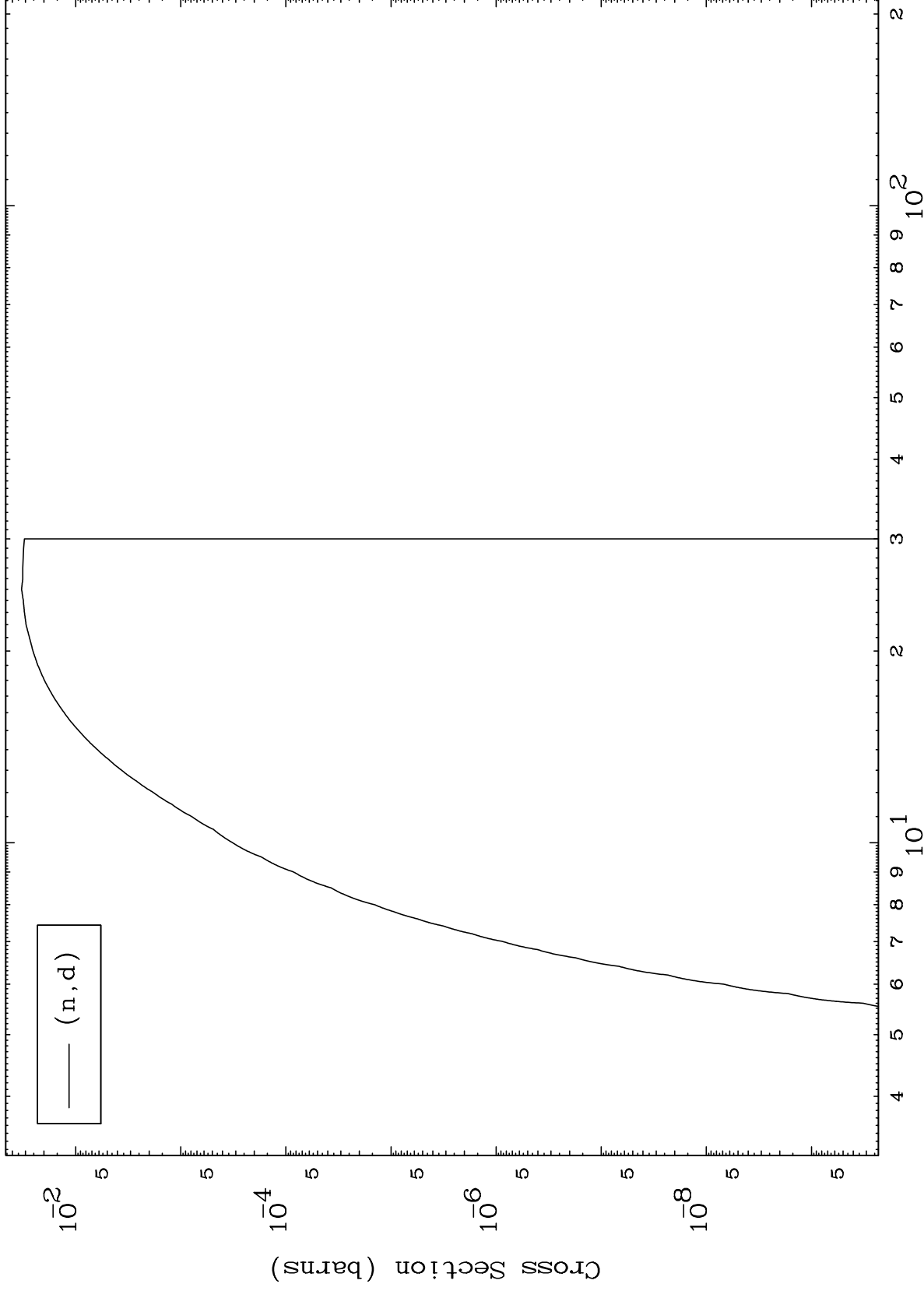
48-Cd-102



MAT 4813

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-102



14

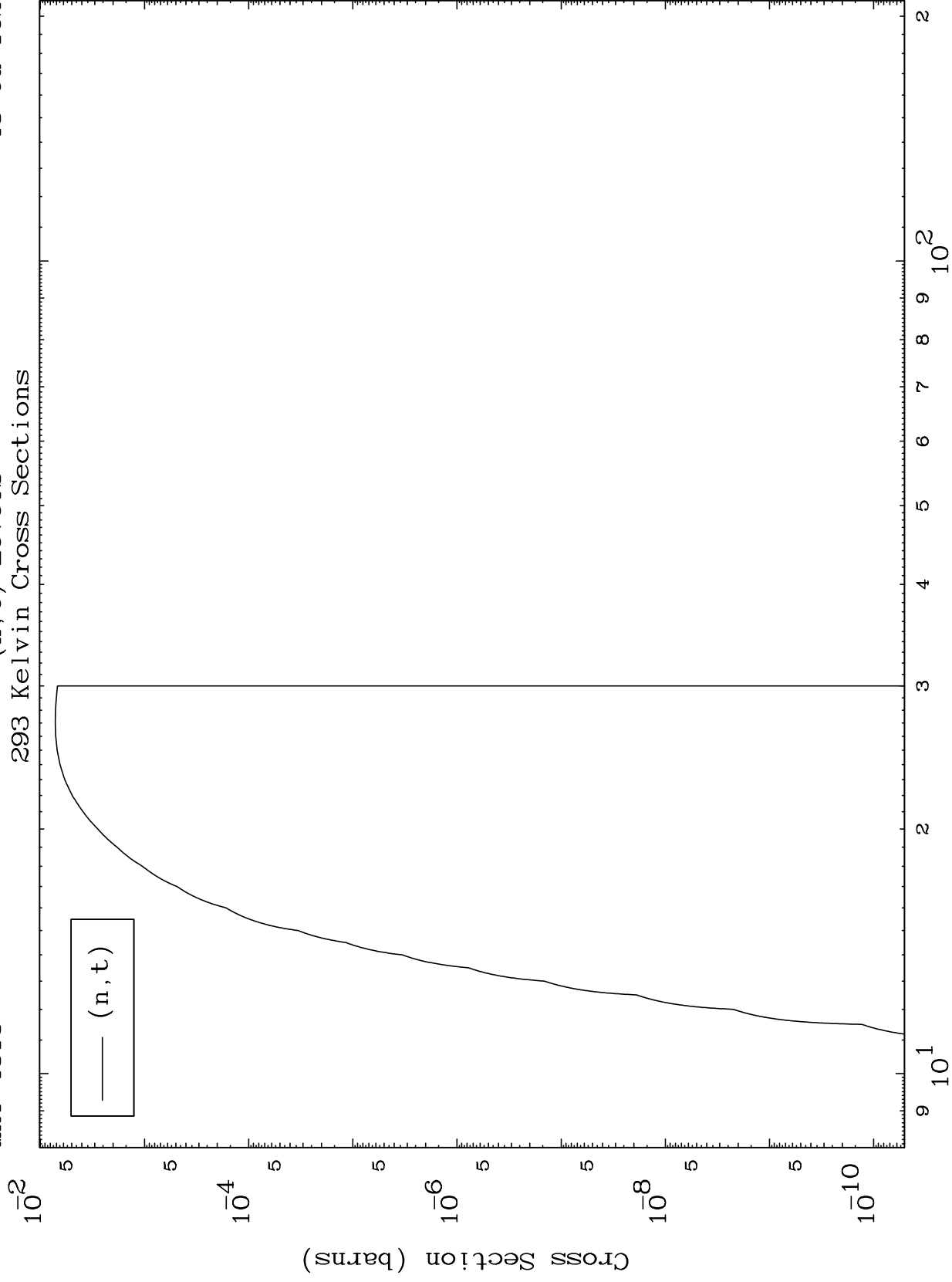
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-102



15

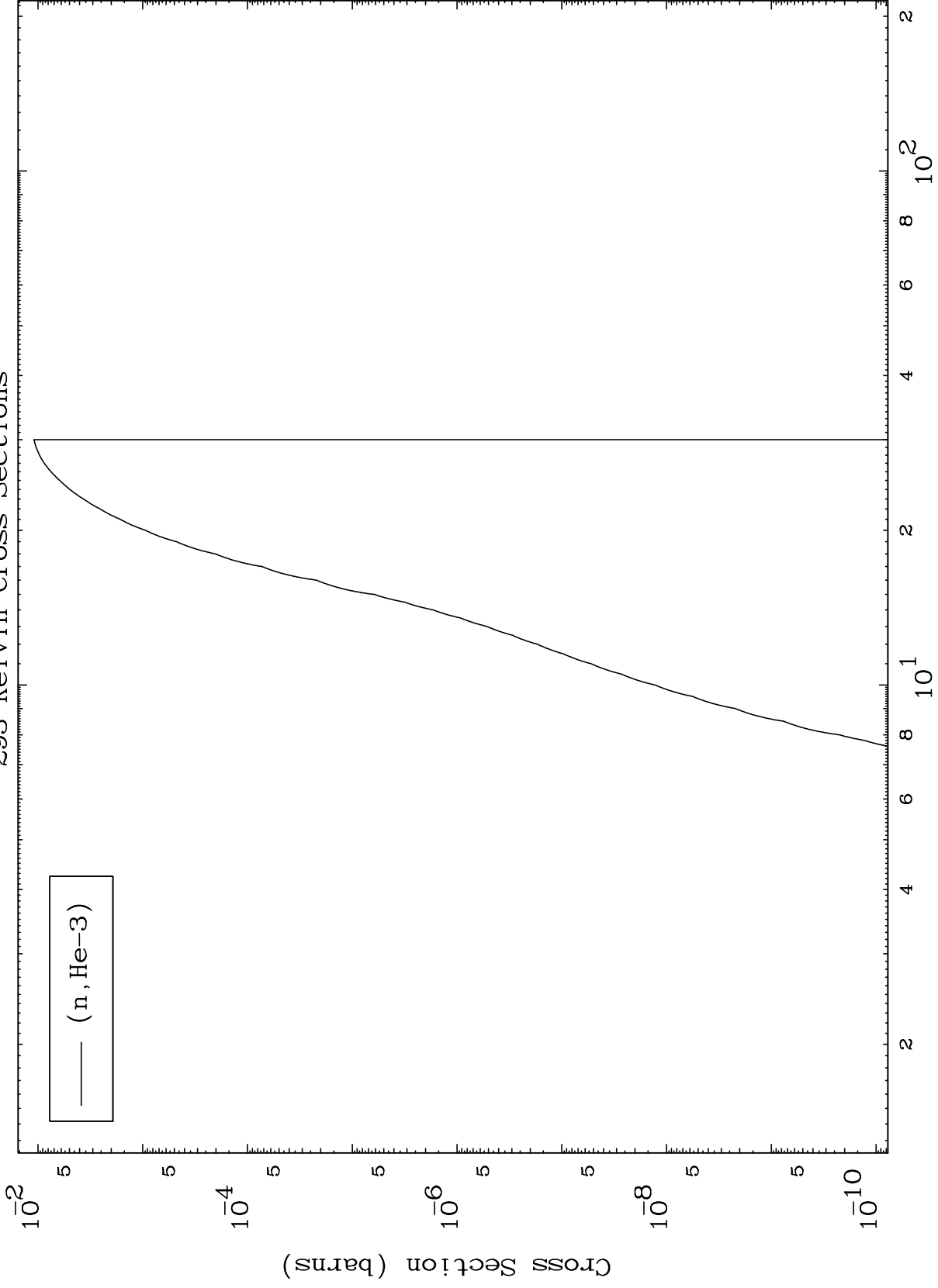
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-102



16

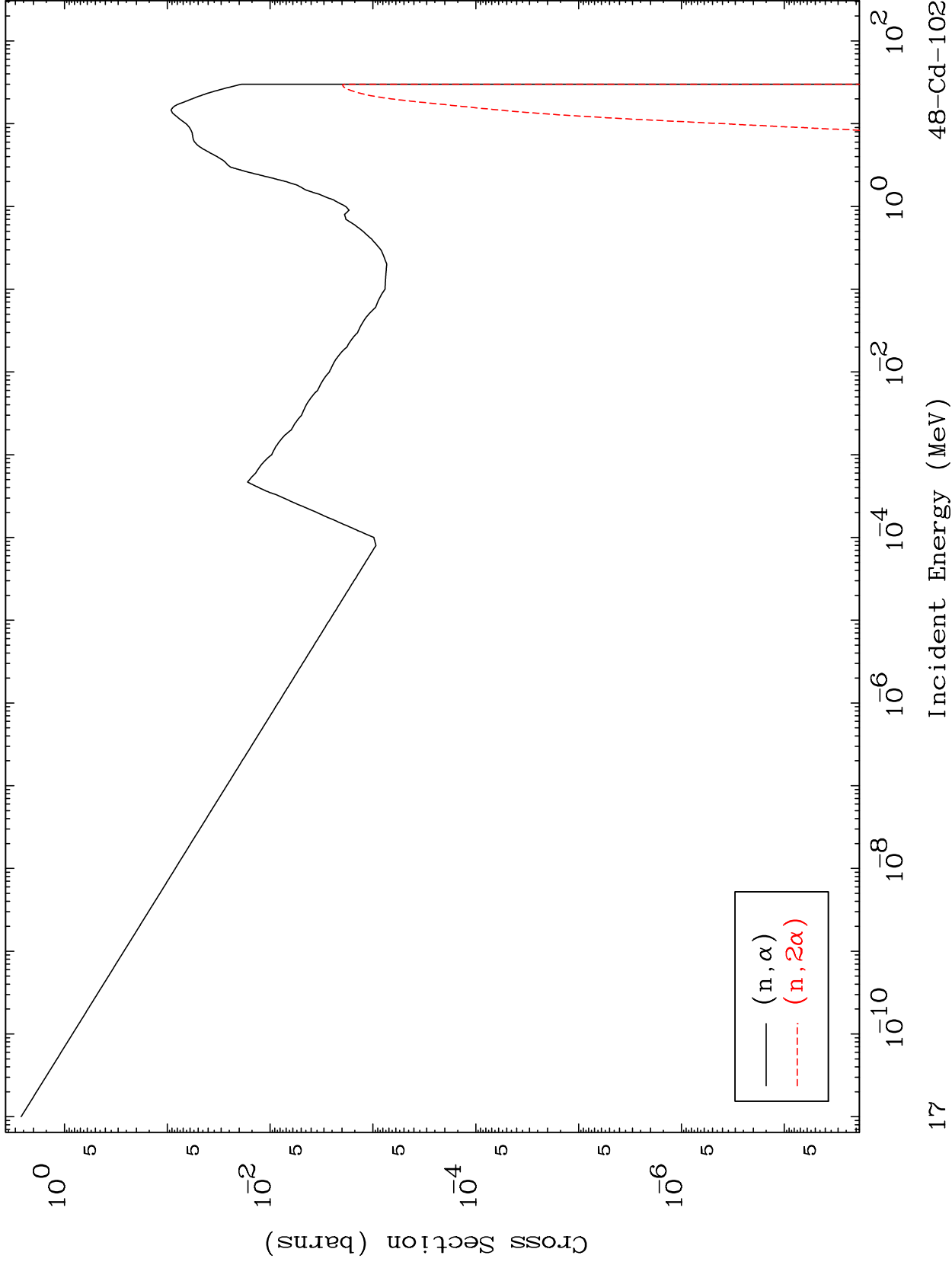
Incident Energy (MeV)

48-Cd-102

MAT 4813

(n,α) Levels
293 Kelvin Cross Sections

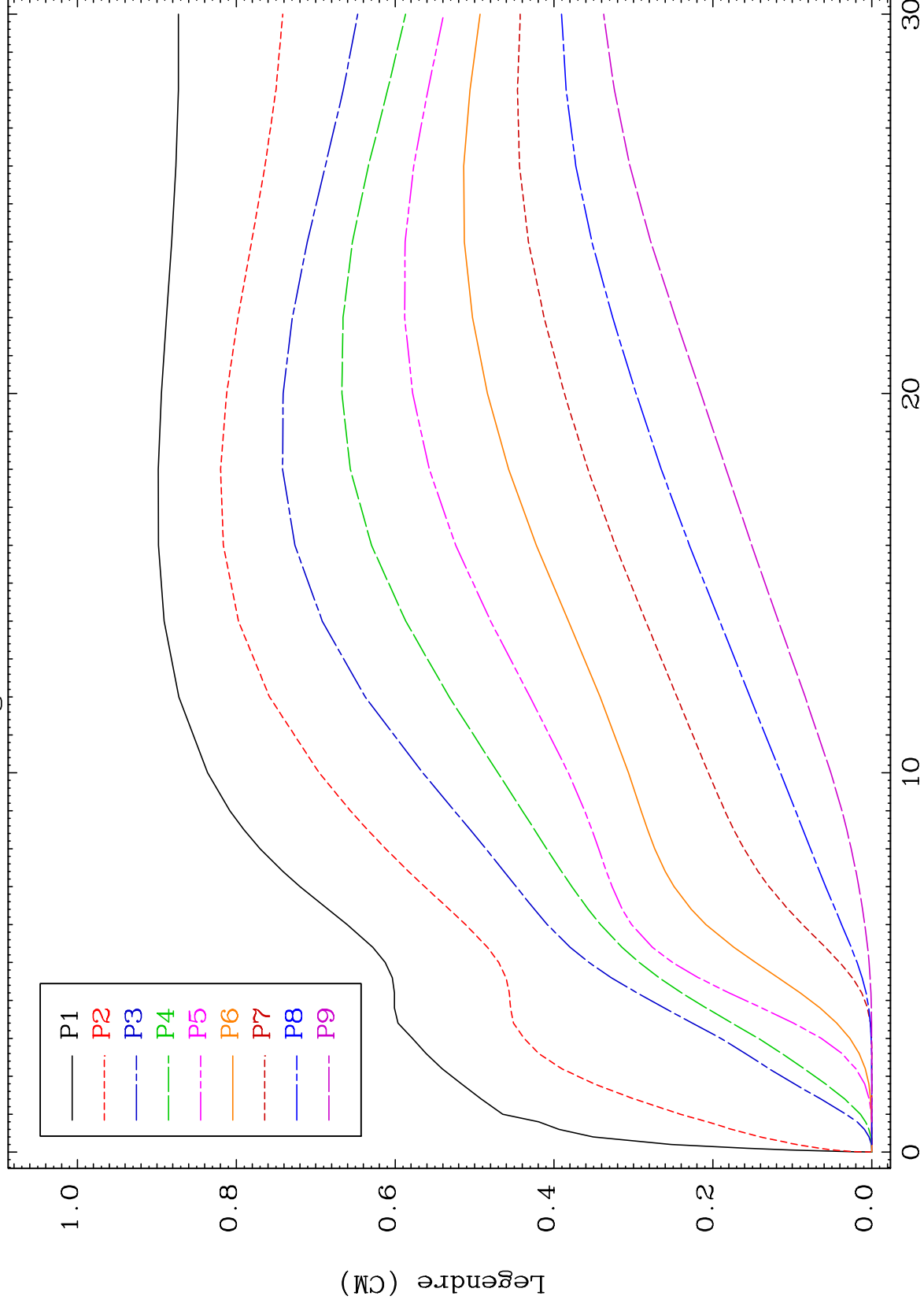
48-Cd-102



MAT 4813

Elastic Legendre Coefficients

48-Cd-102

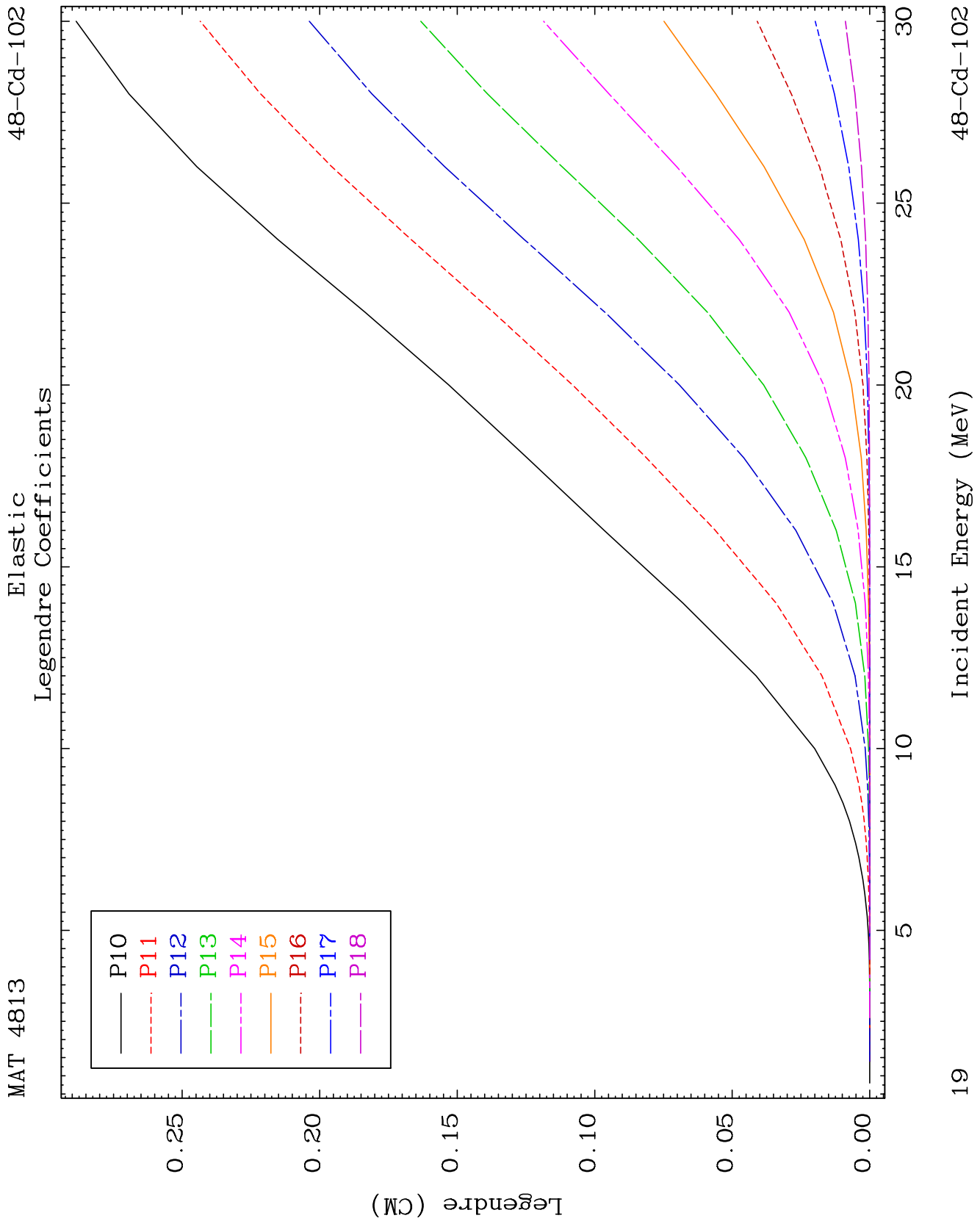


18

Incident Energy (MeV)

48-Cd-102

30



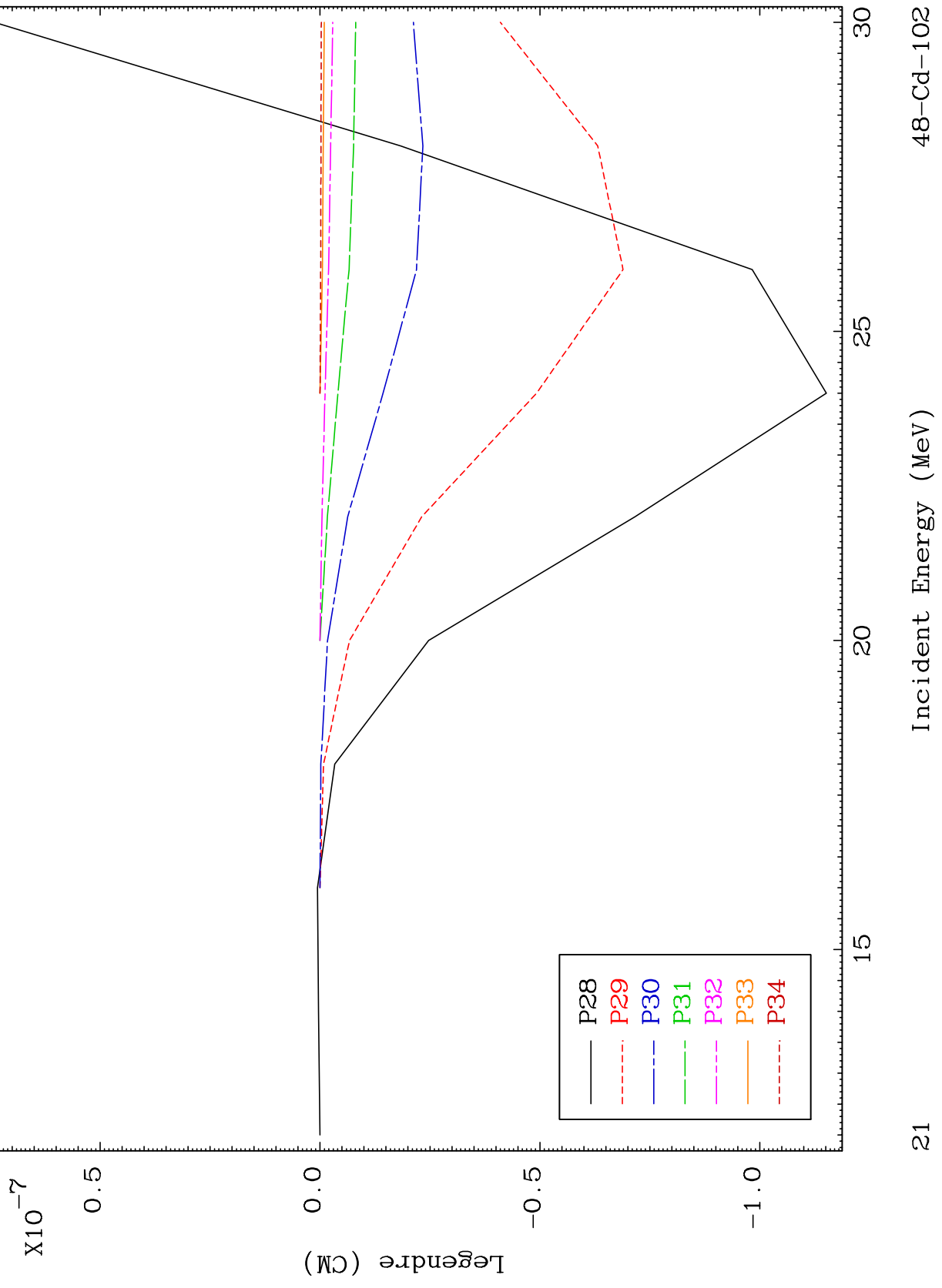
MAT 4813

48-Cd-102

MAT 4813

Elastic Legendre Coefficients

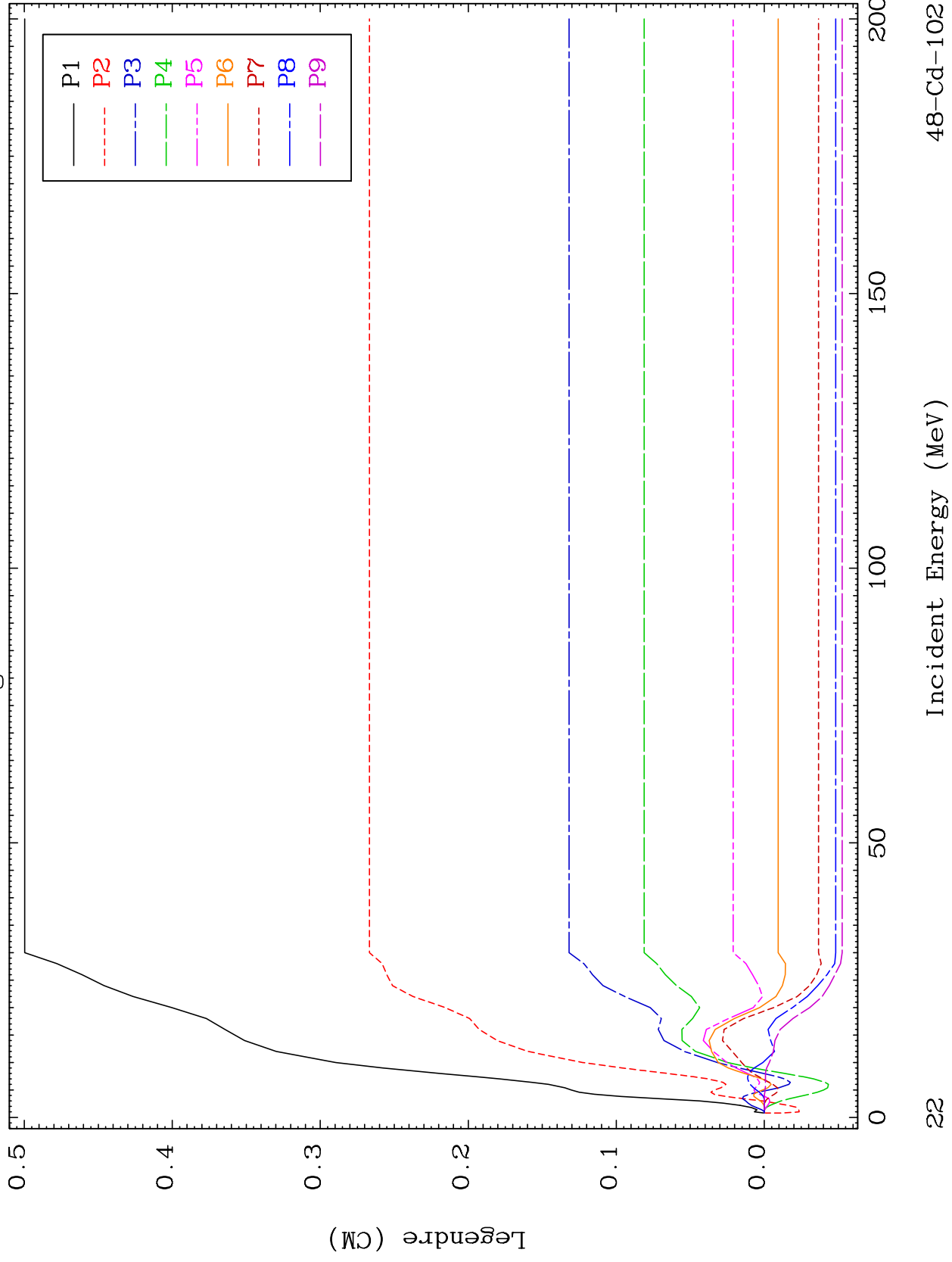
48-Cd-102



MAT 4813

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

48-Cd-102

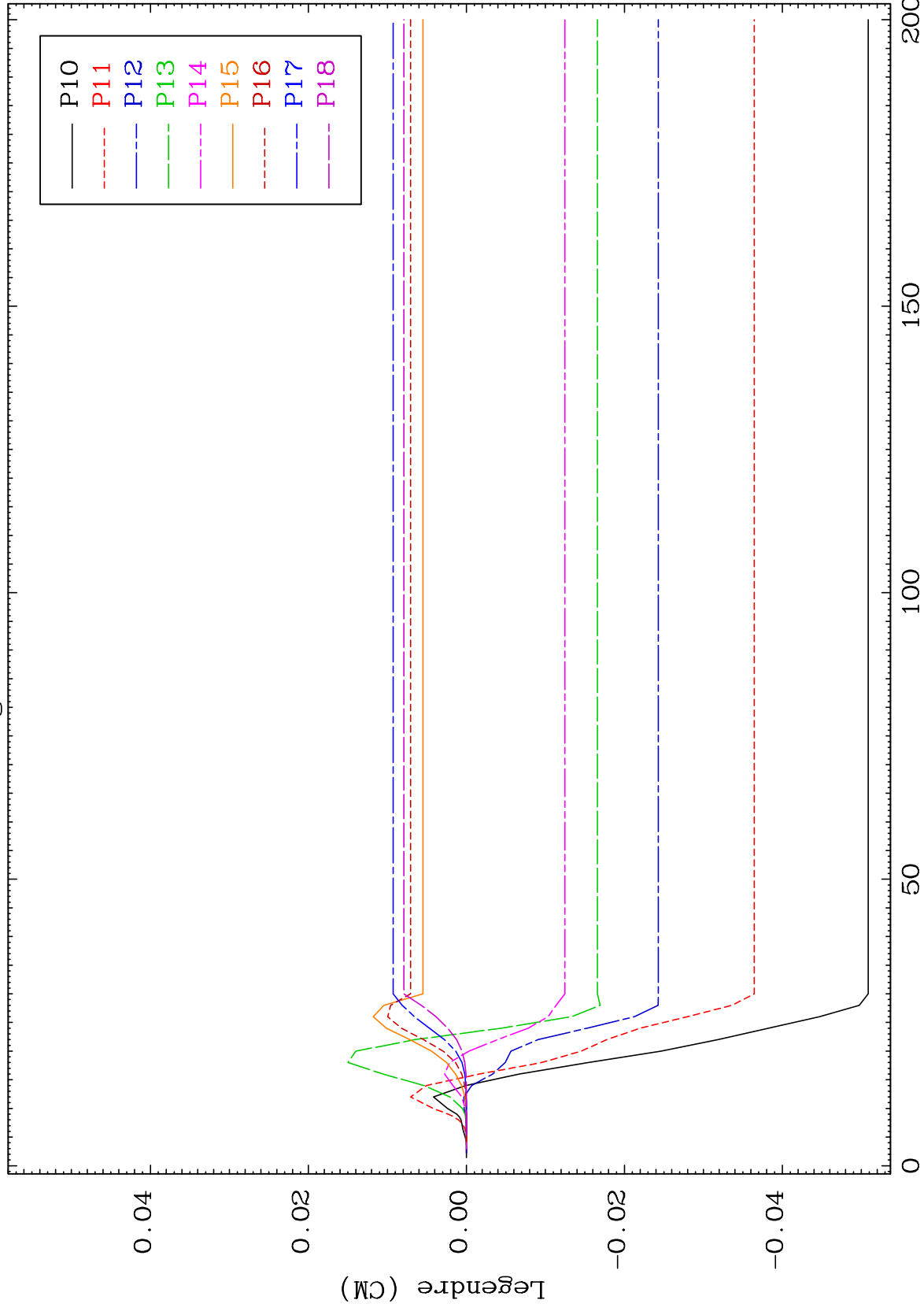


22

MAT 4813

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

48-Cd-102



23

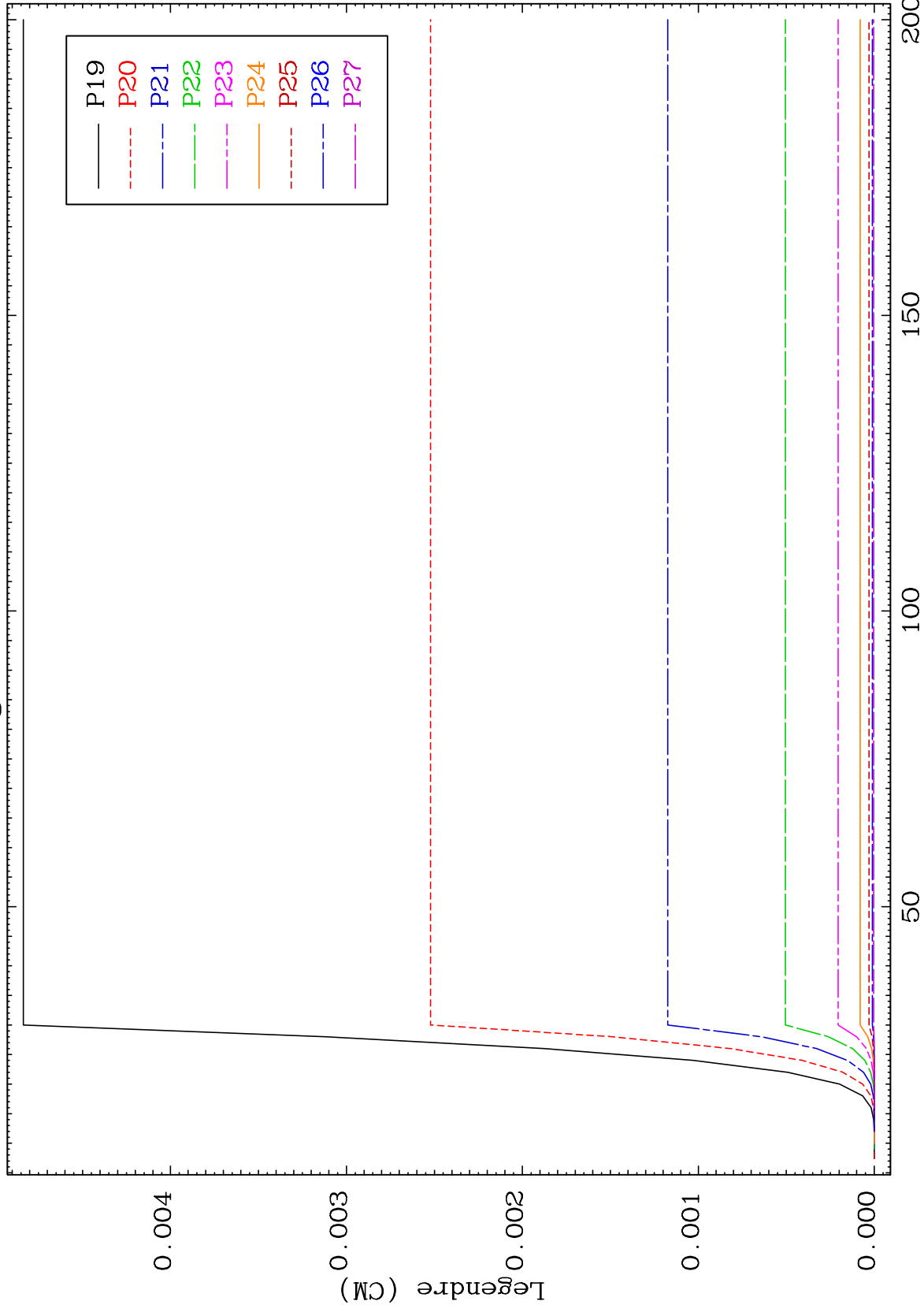
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

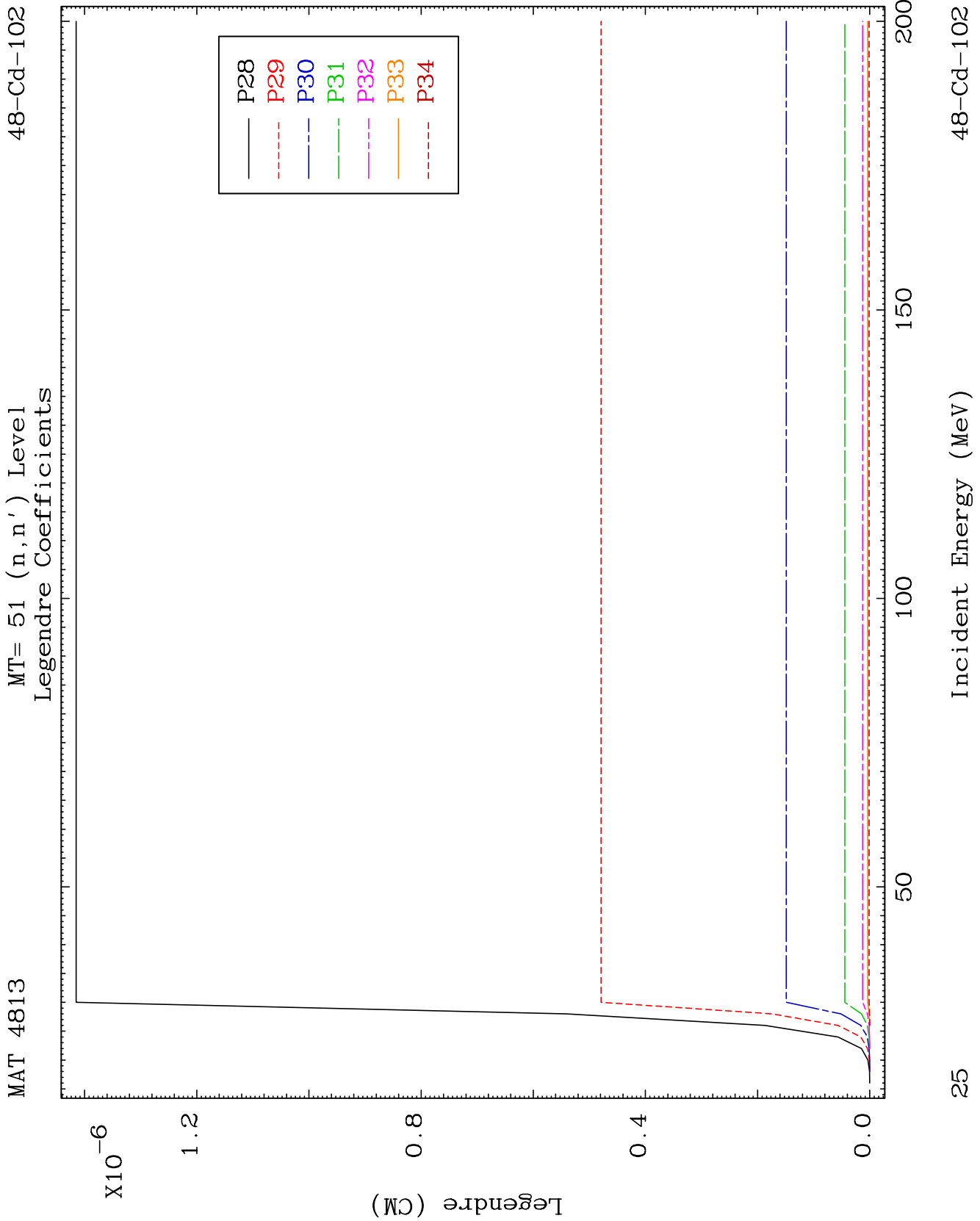
48-Cd-102



24

Incident Energy (MeV)

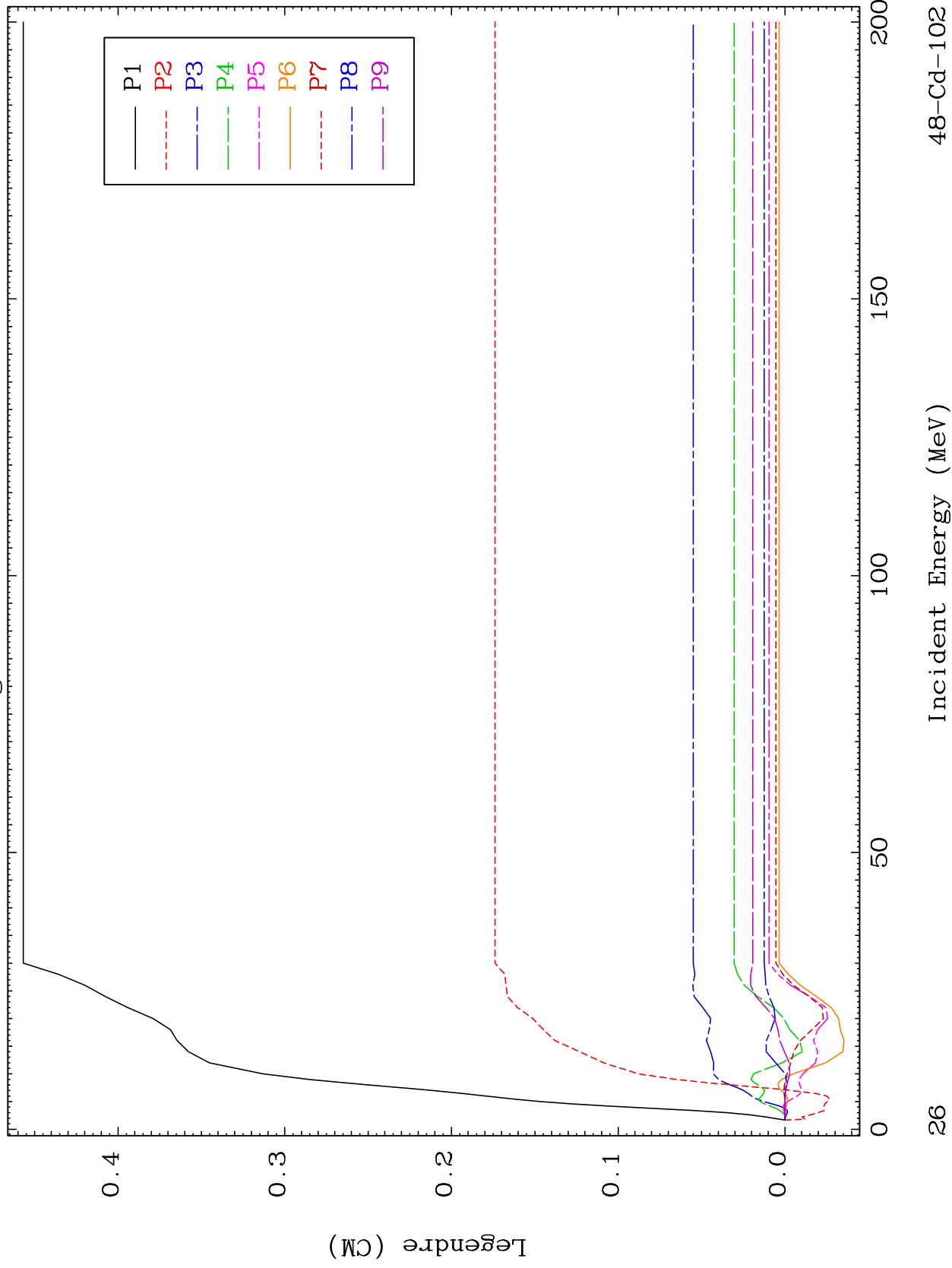
48-Cd-102



MAT 4813

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

48-Cd-102



48-Cd-102

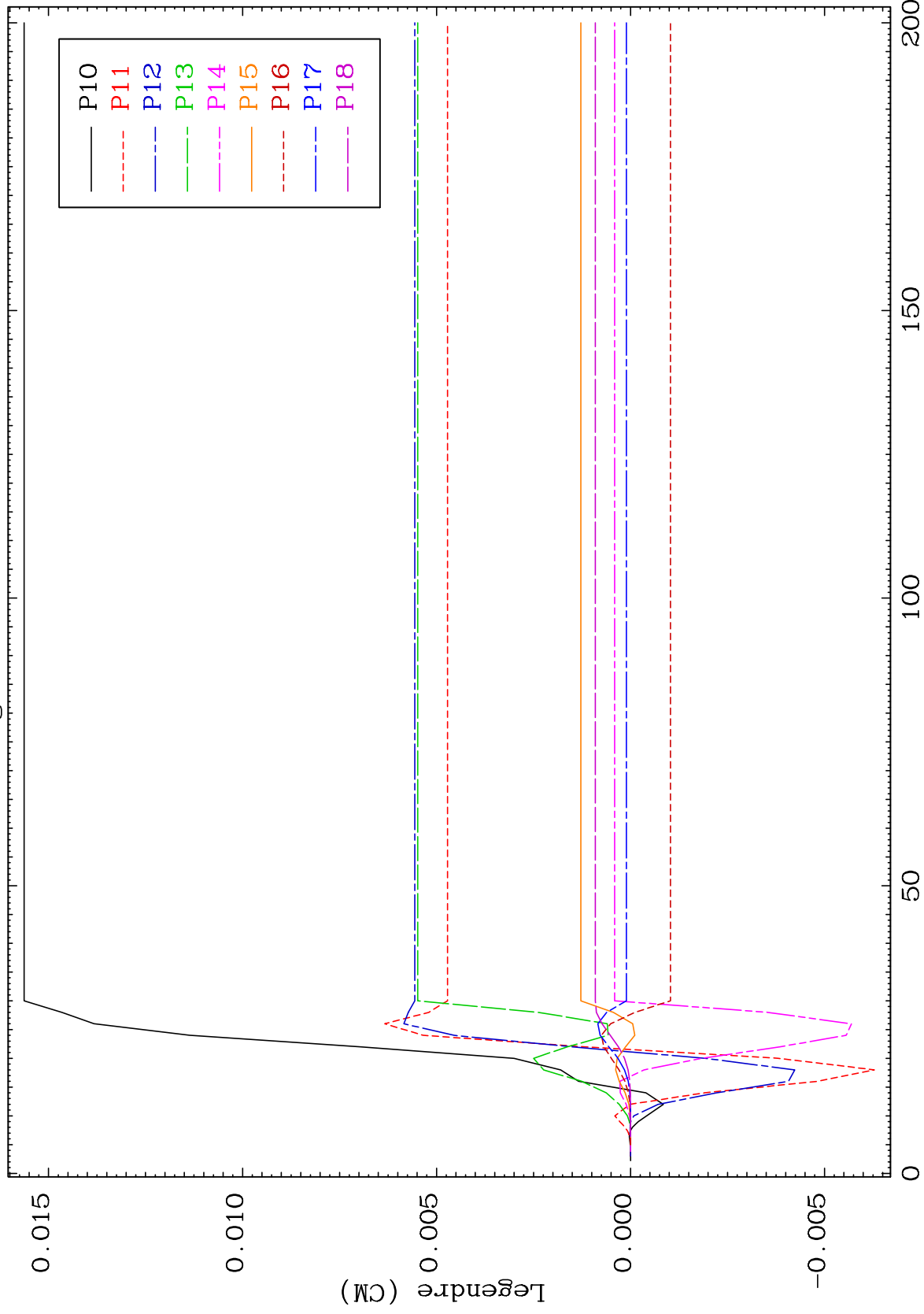
Incident Energy (MeV)

26

MAT 4813

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

48-Cd-102



27

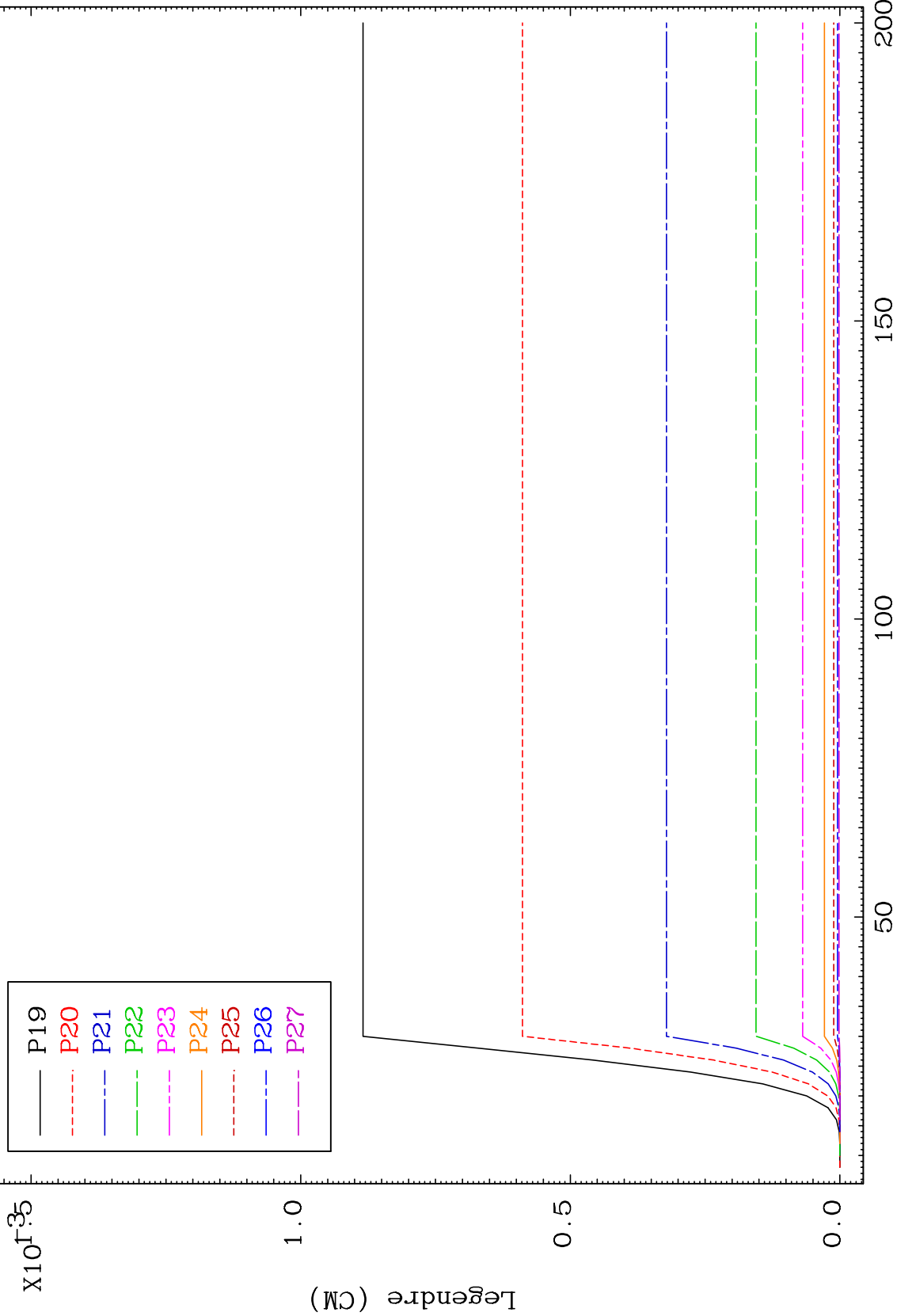
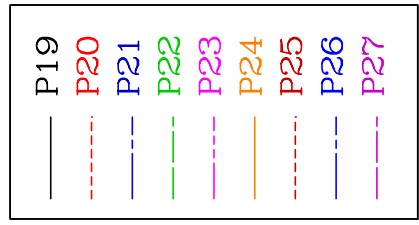
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



28

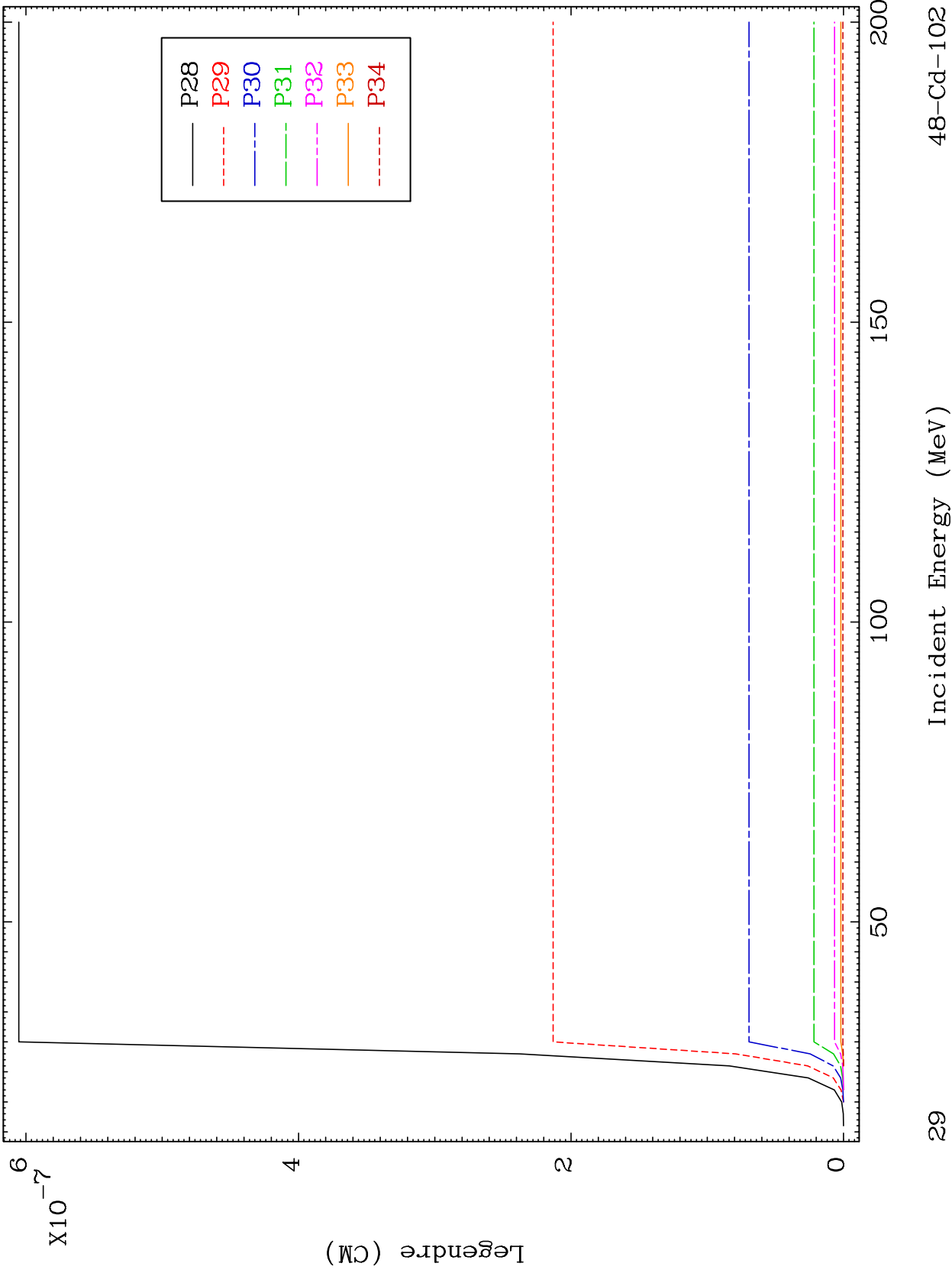
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



29

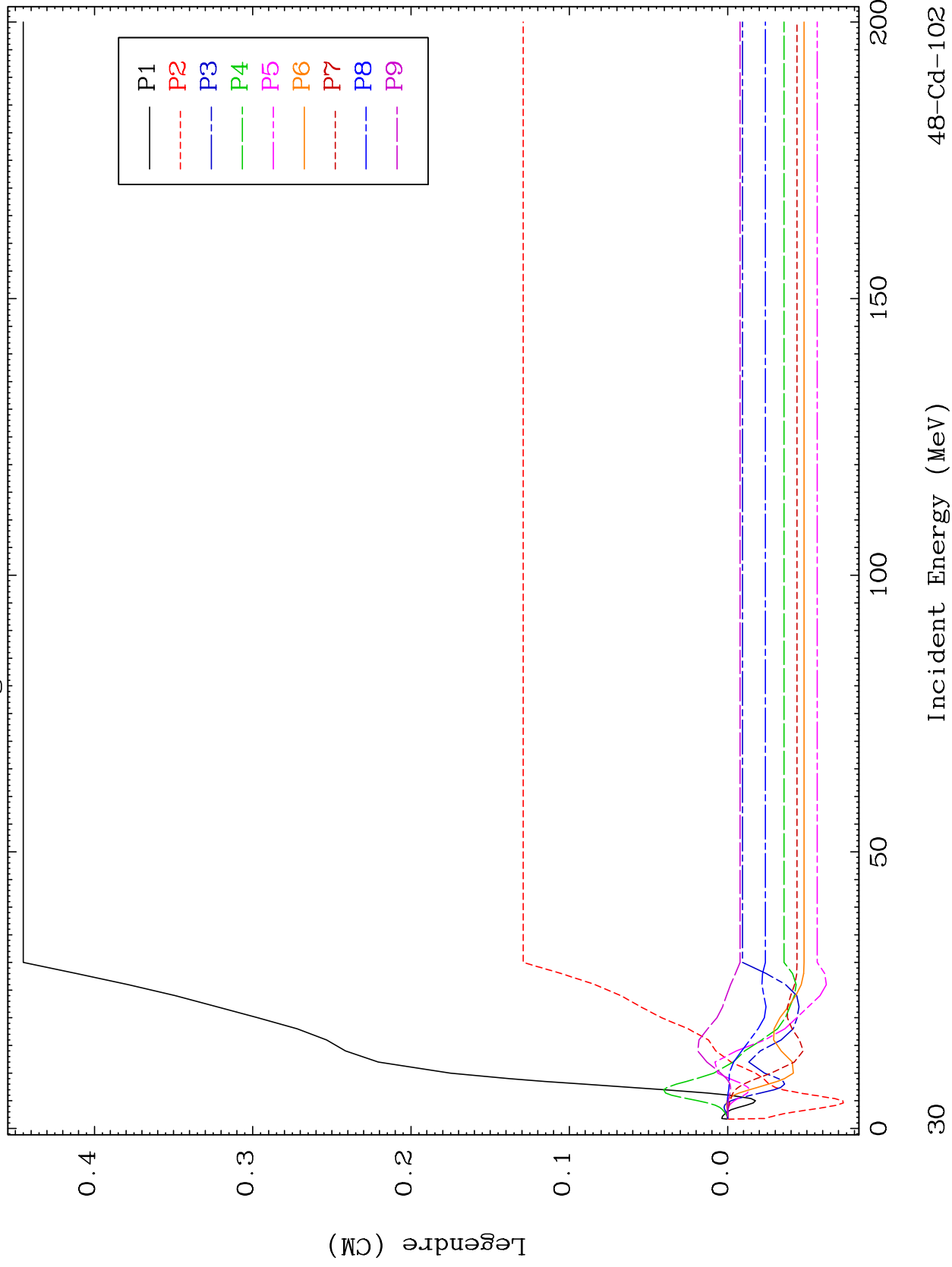
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

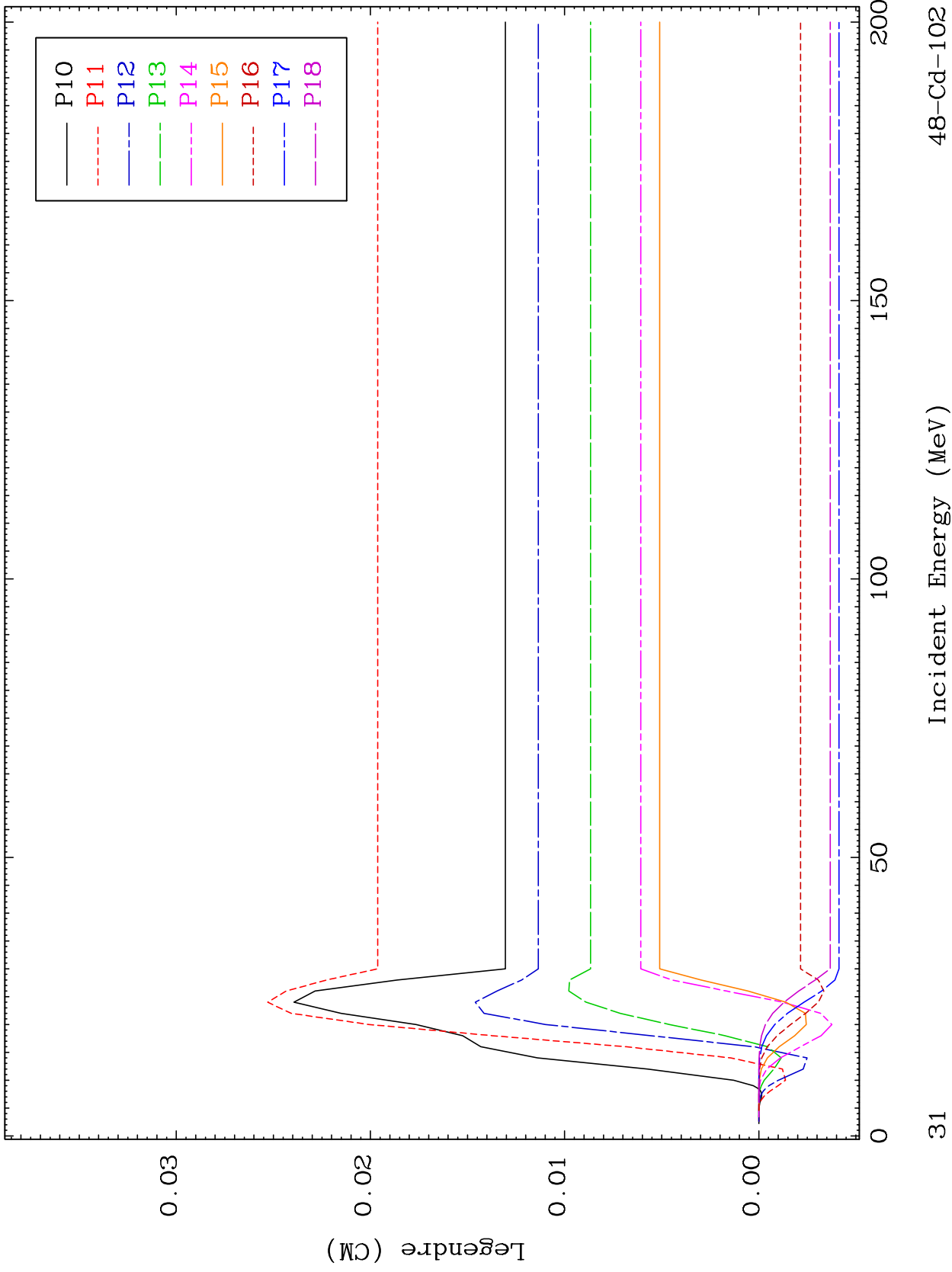
Incident Energy (MeV)

30

MAT 4813

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

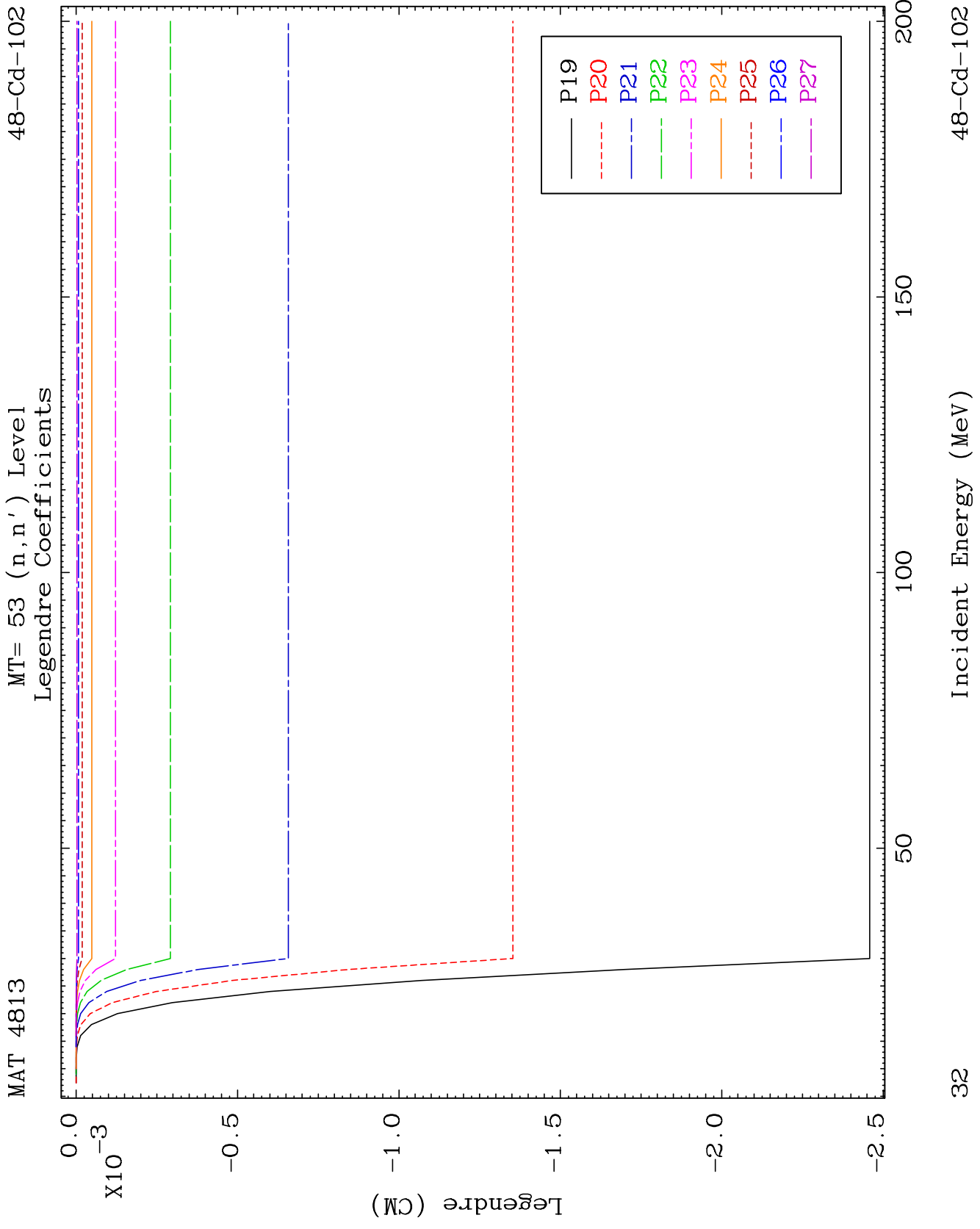
48-Cd-102



31

Incident Energy (MeV)

48-Cd-102

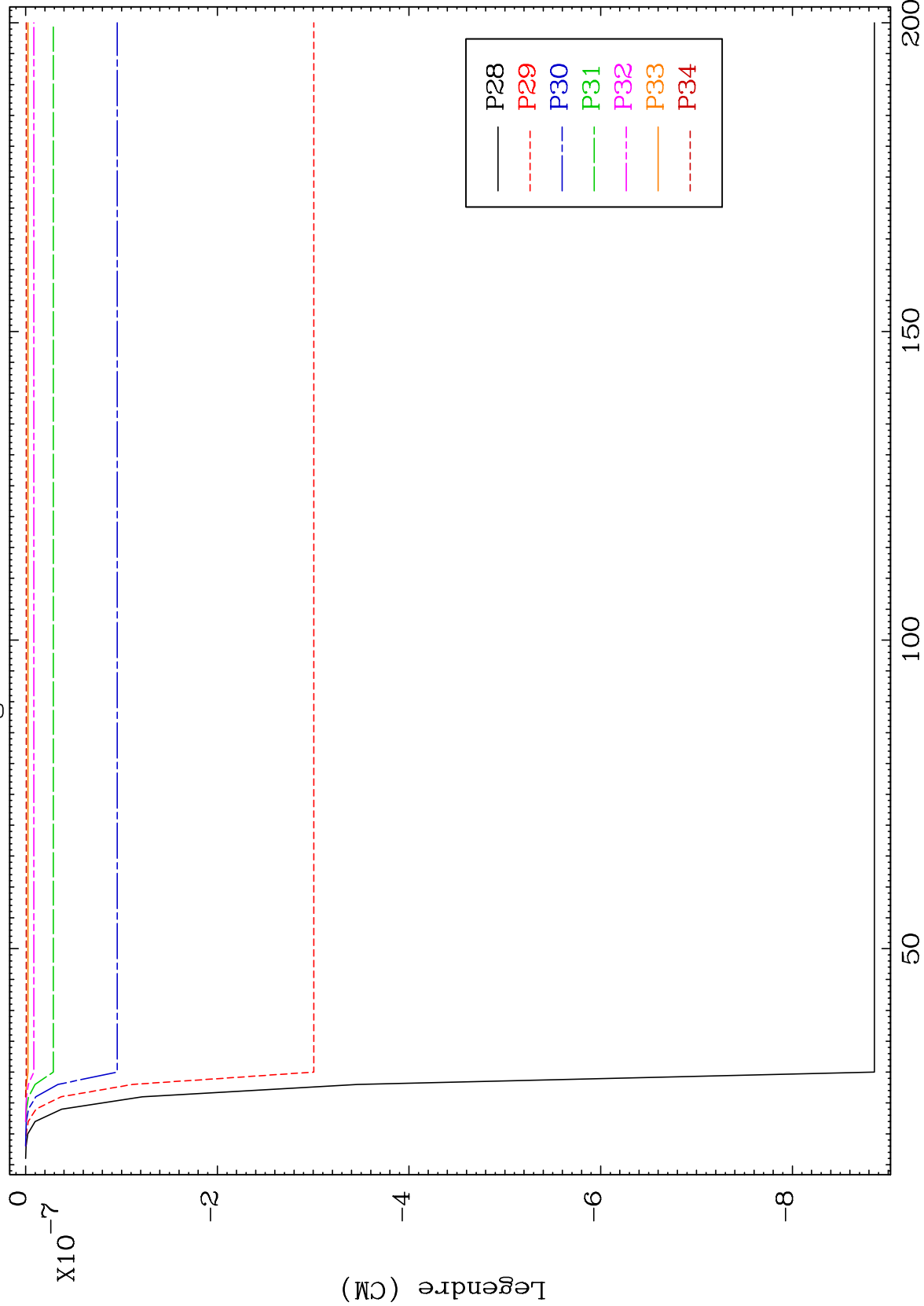


MAT 4813

MT= 53 (n,n') Level

48-Cd-102

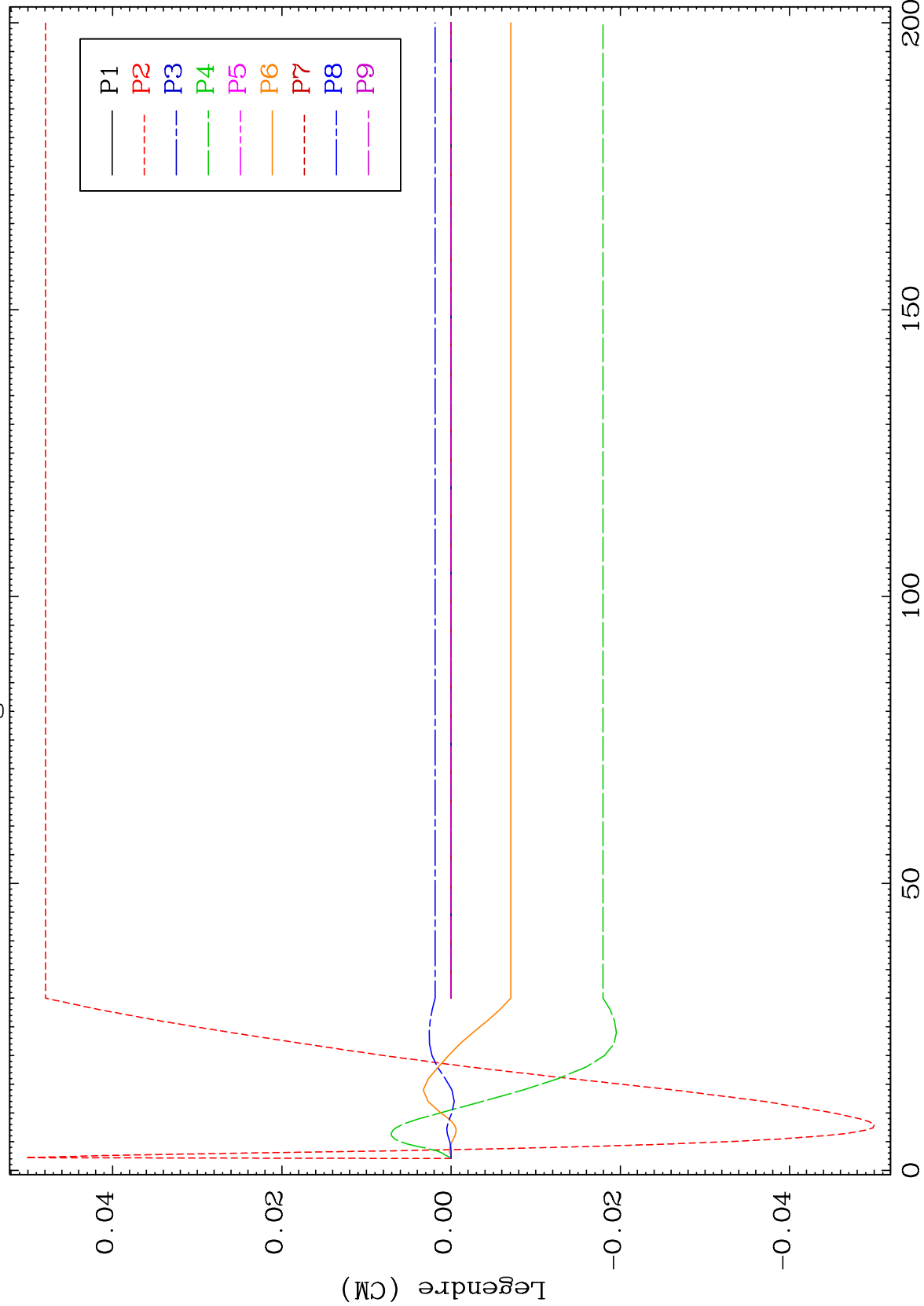
Legendre Coefficients



MAT 4813

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

48-Cd-102



48-Cd-102

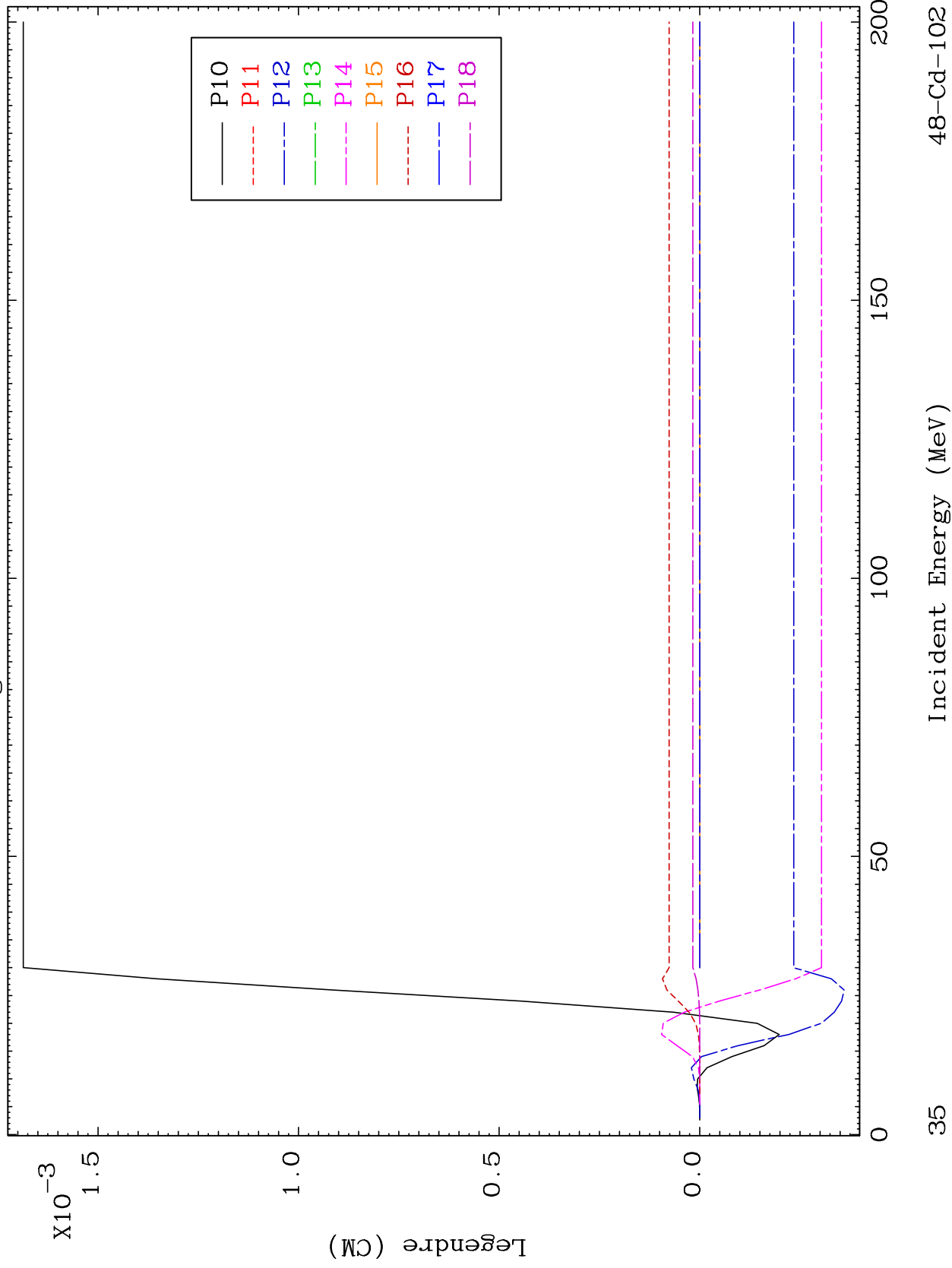
Incident Energy (MeV)

34

MAT 4813

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

48-Cd-102



48-Cd-102

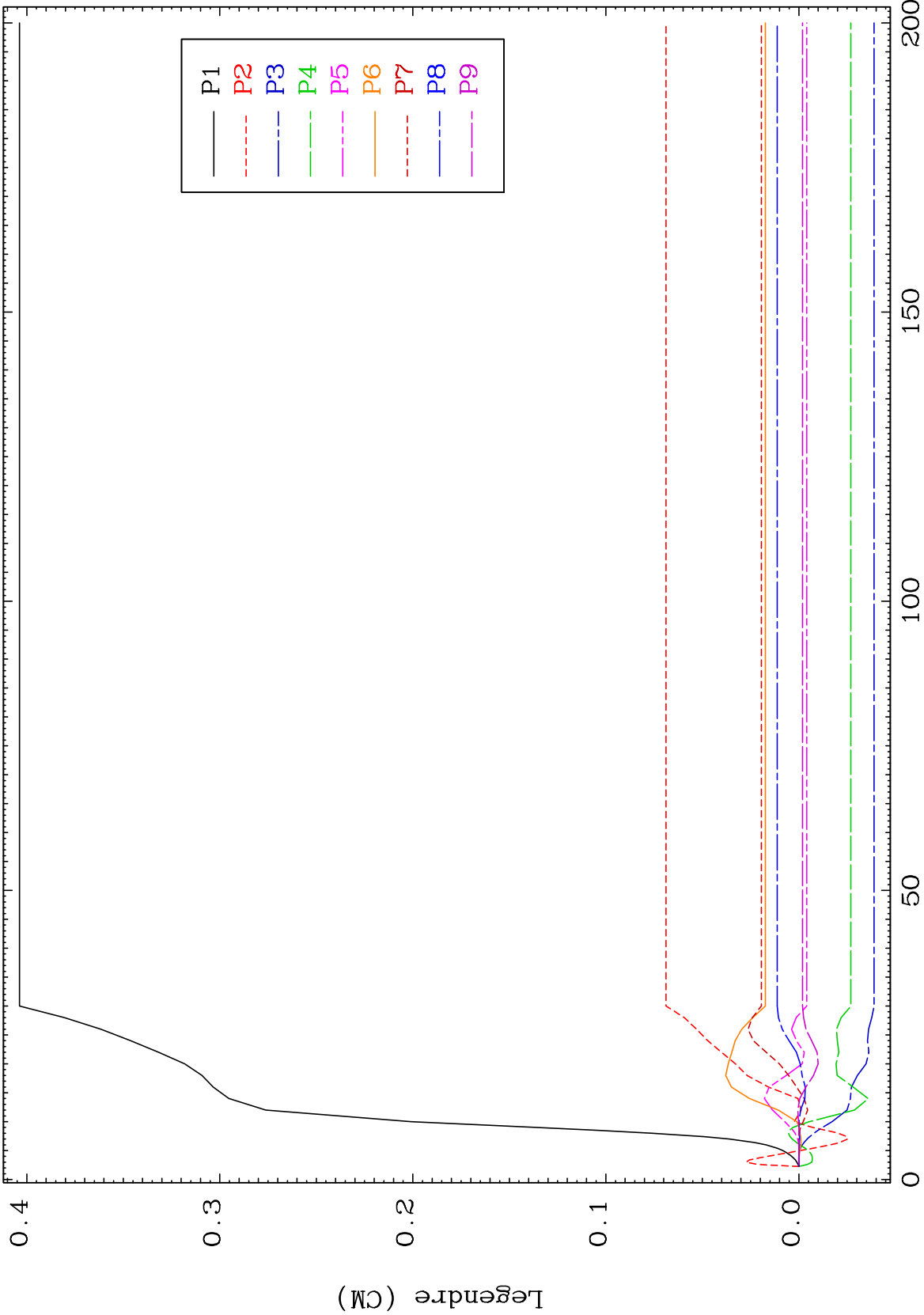
Incident Energy (MeV)

35

MAT 4813

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

48-Cd-102



37

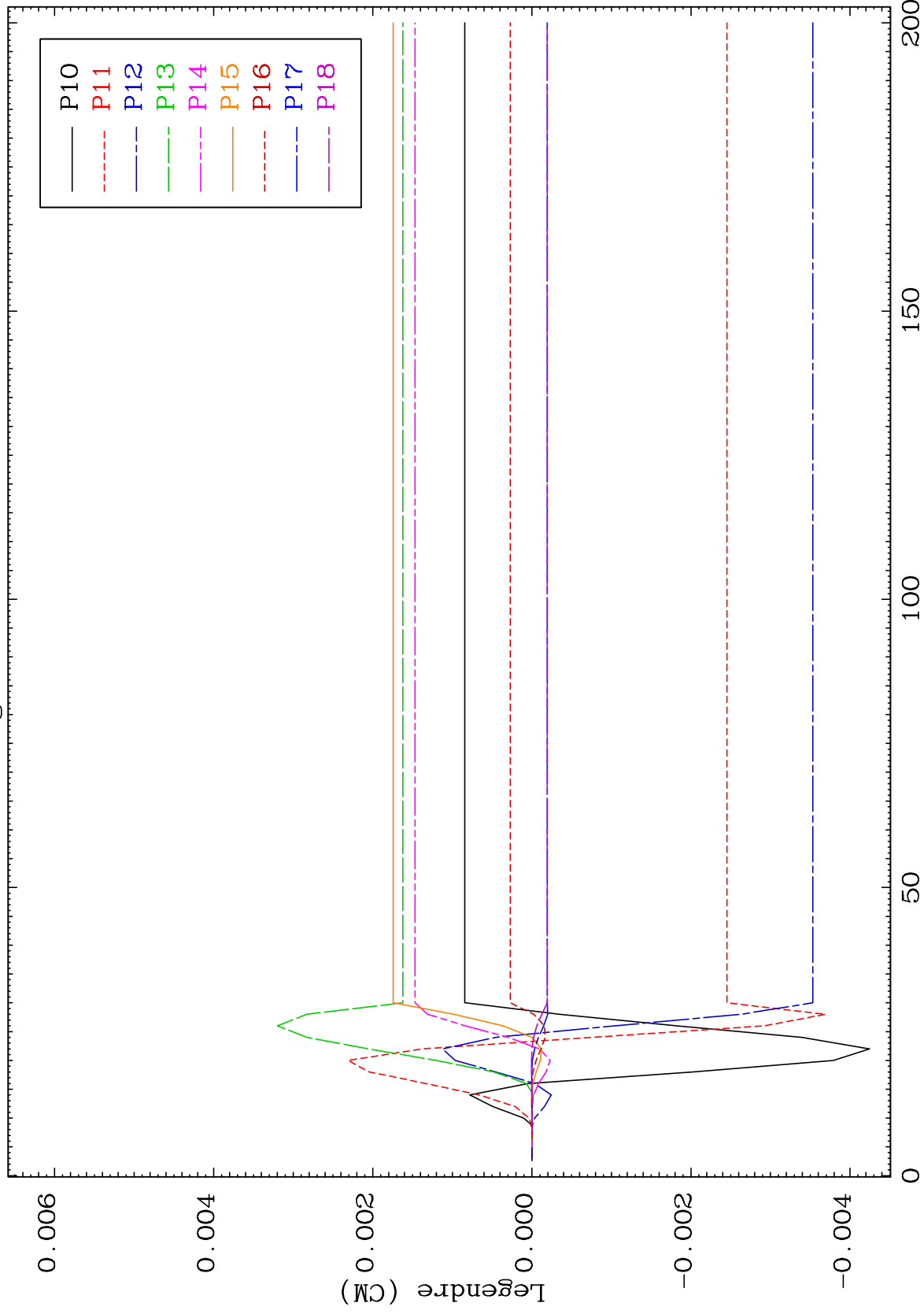
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



38

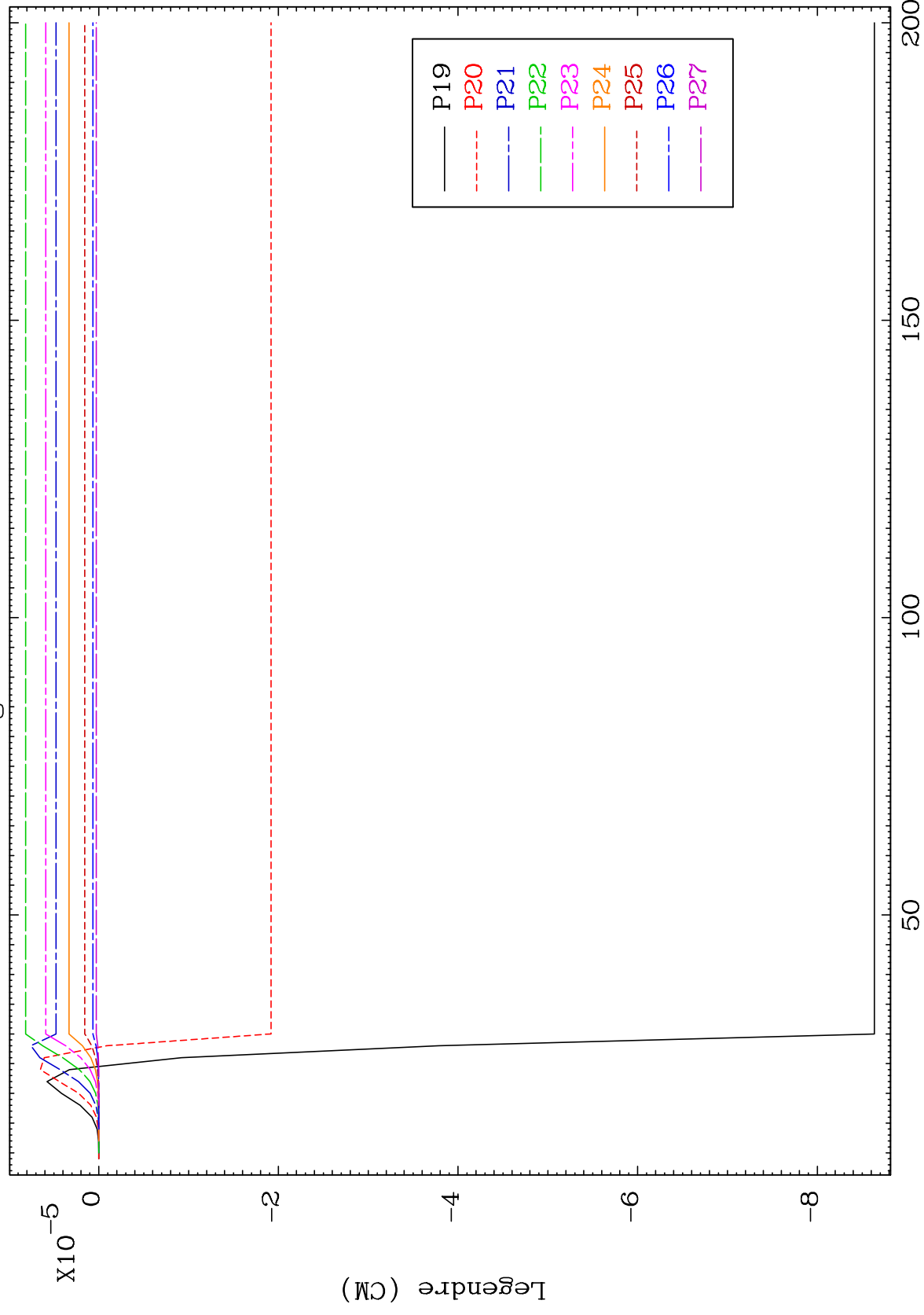
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



39

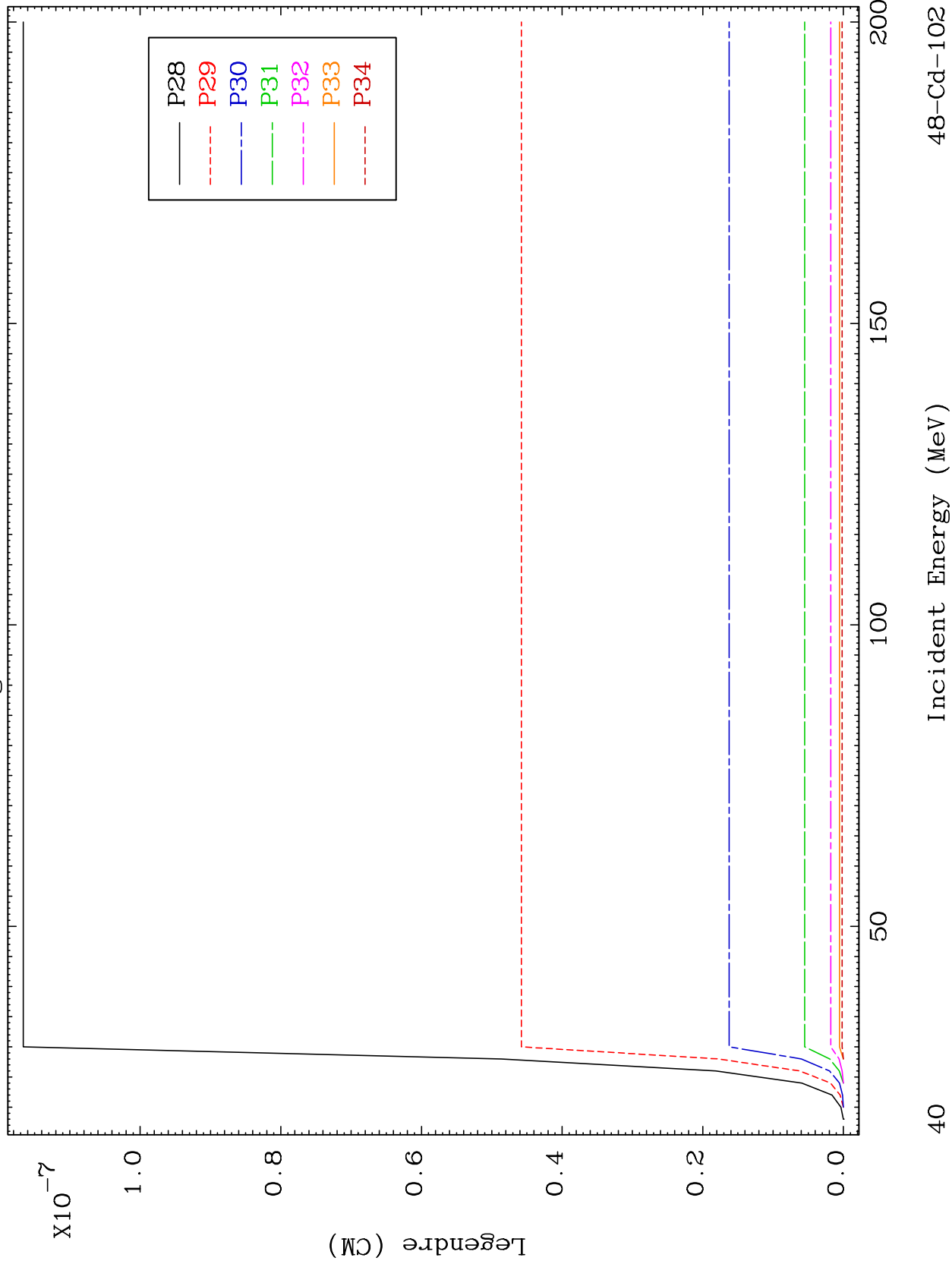
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

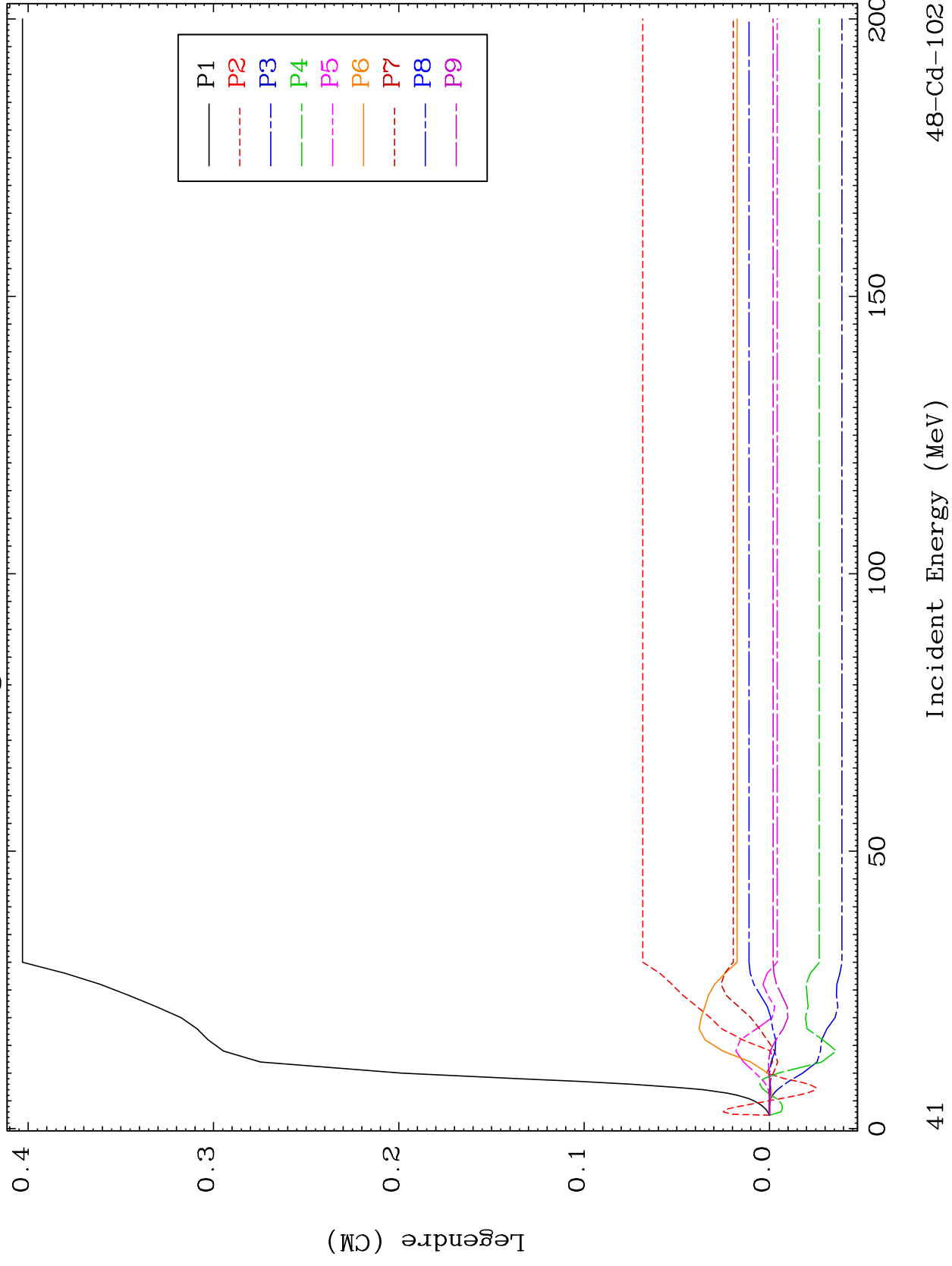
Incident Energy (MeV)

40

MAT 4813

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

48-Cd-102



41

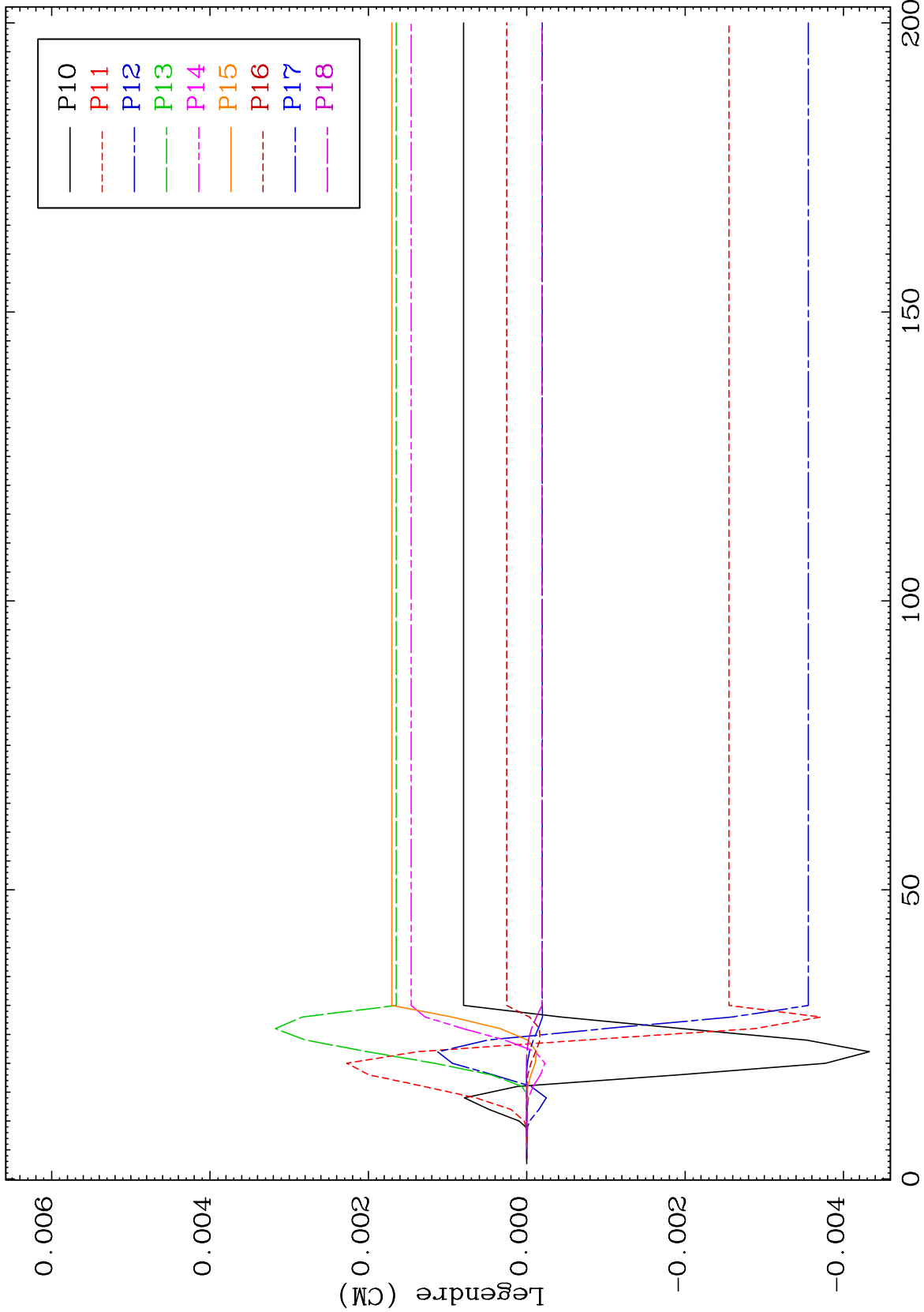
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



42

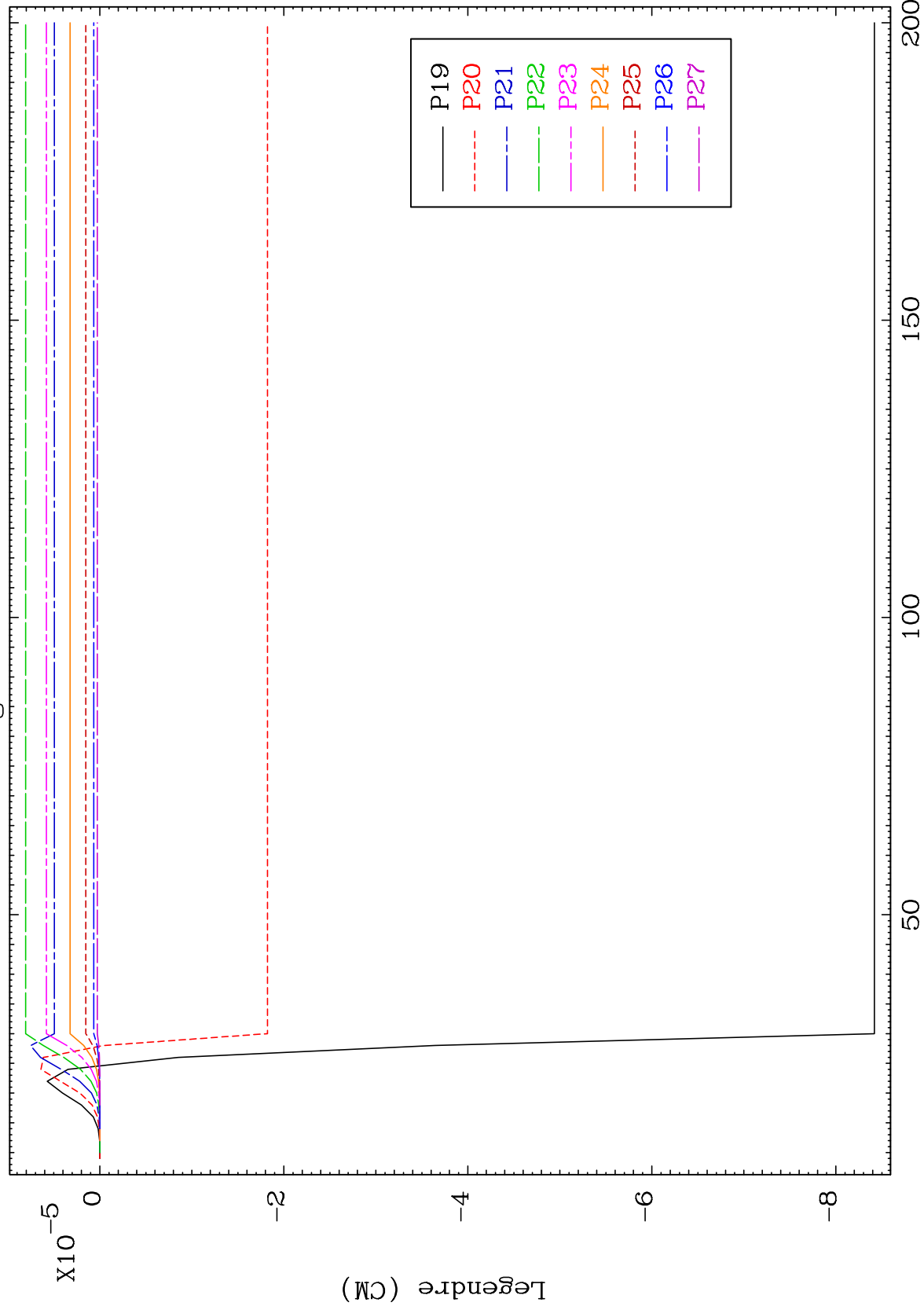
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



43

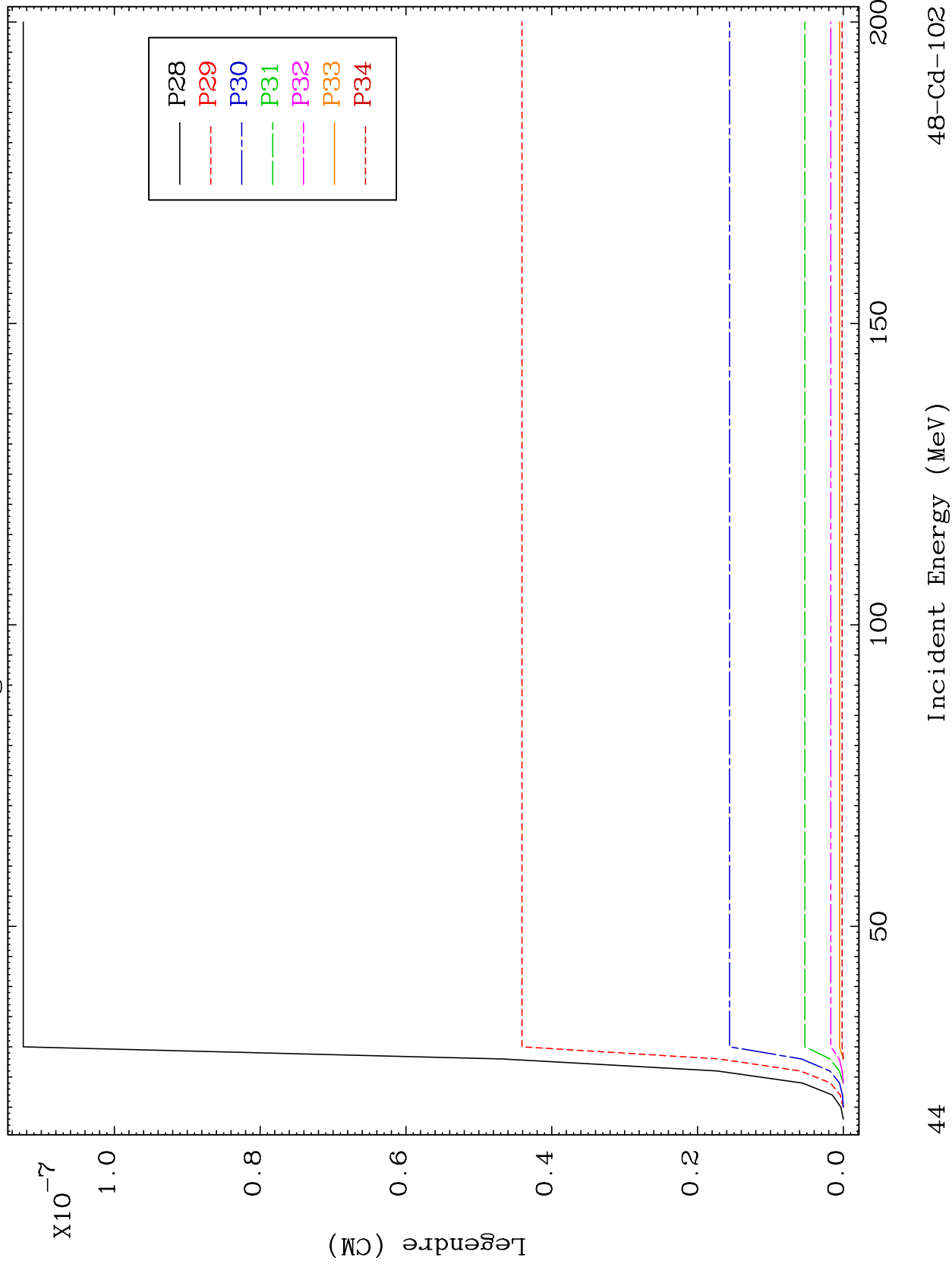
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



44

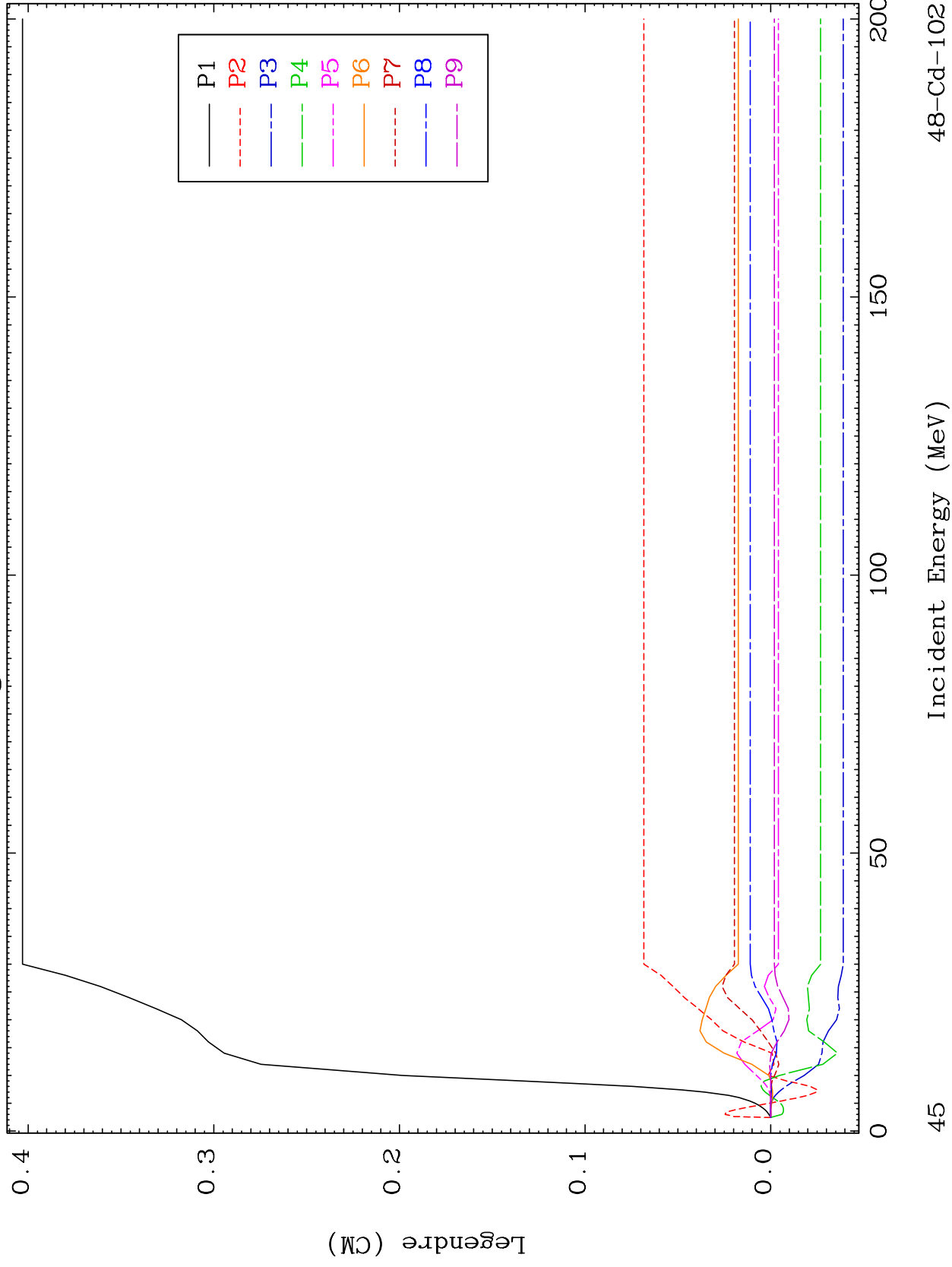
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

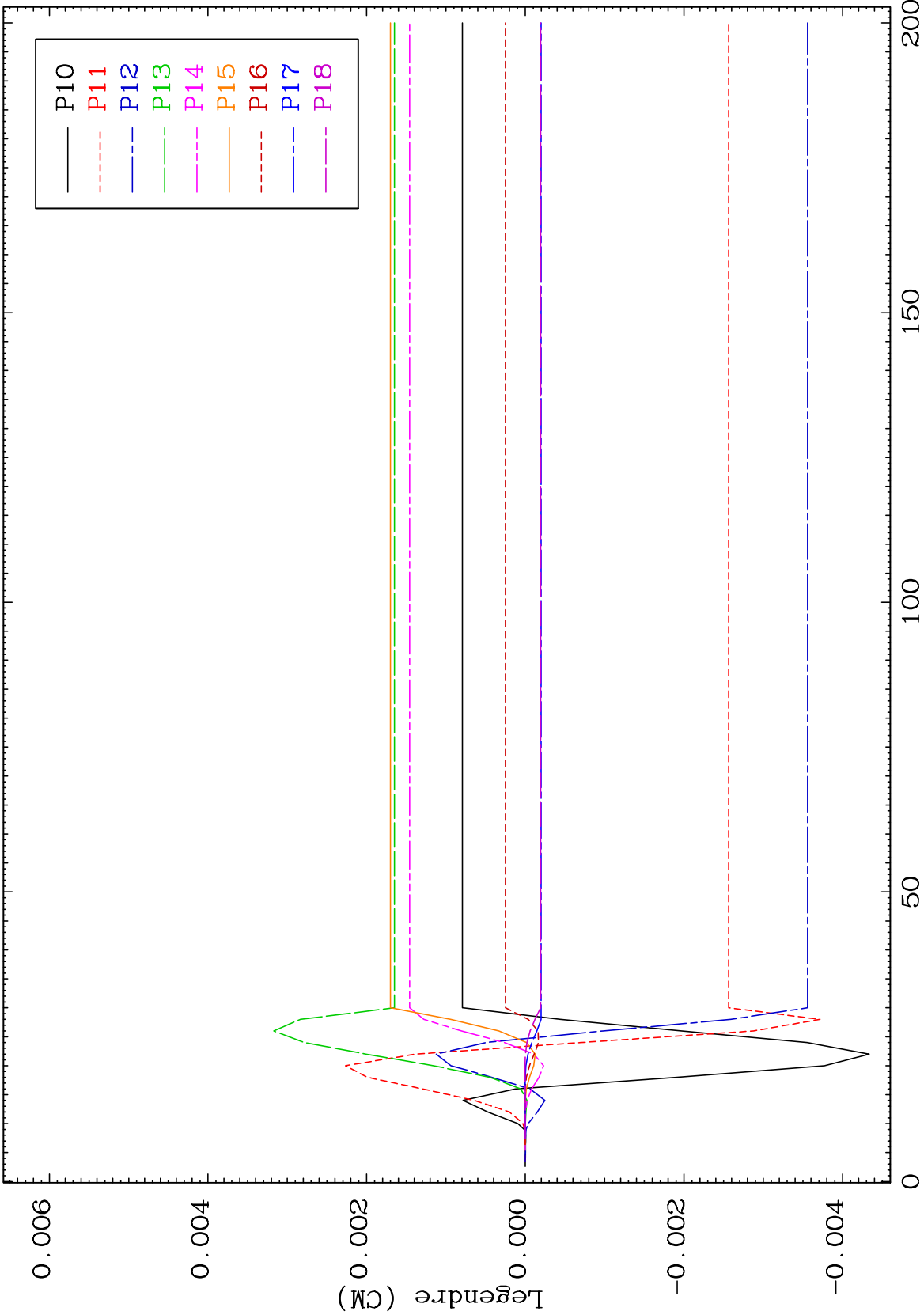
Incident Energy (MeV)

45

MAT 4813

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

48-Cd-102



46

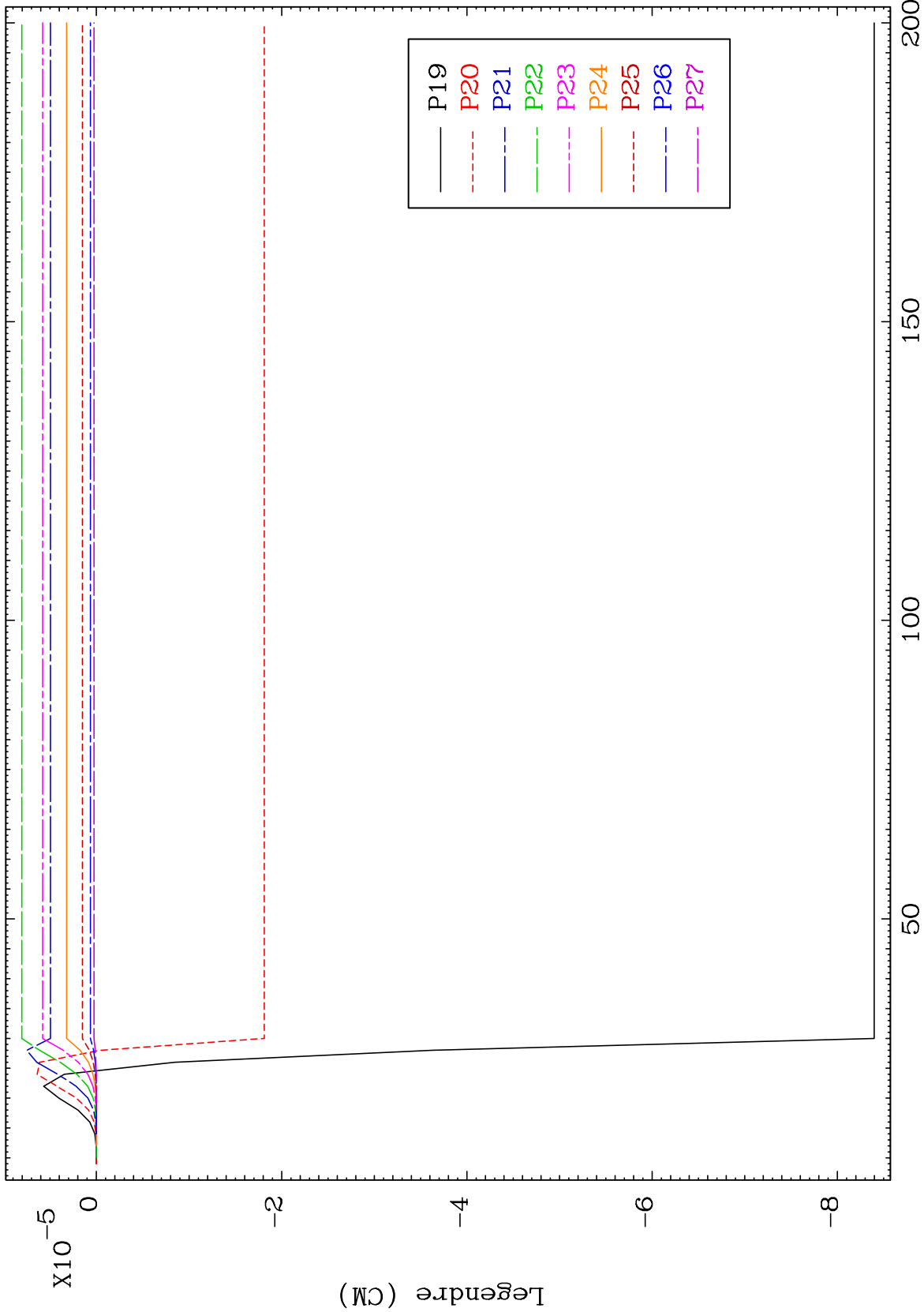
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



47

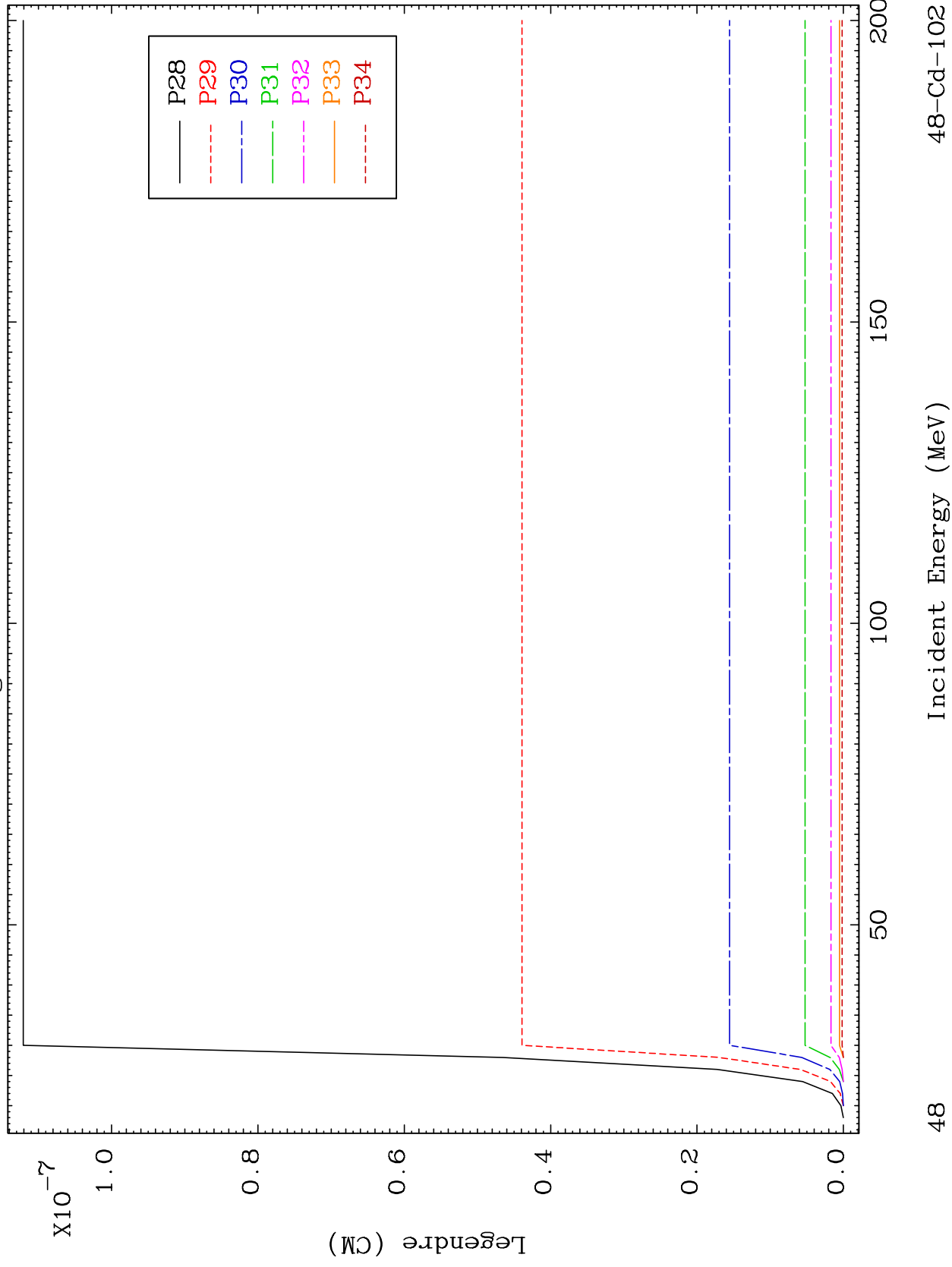
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

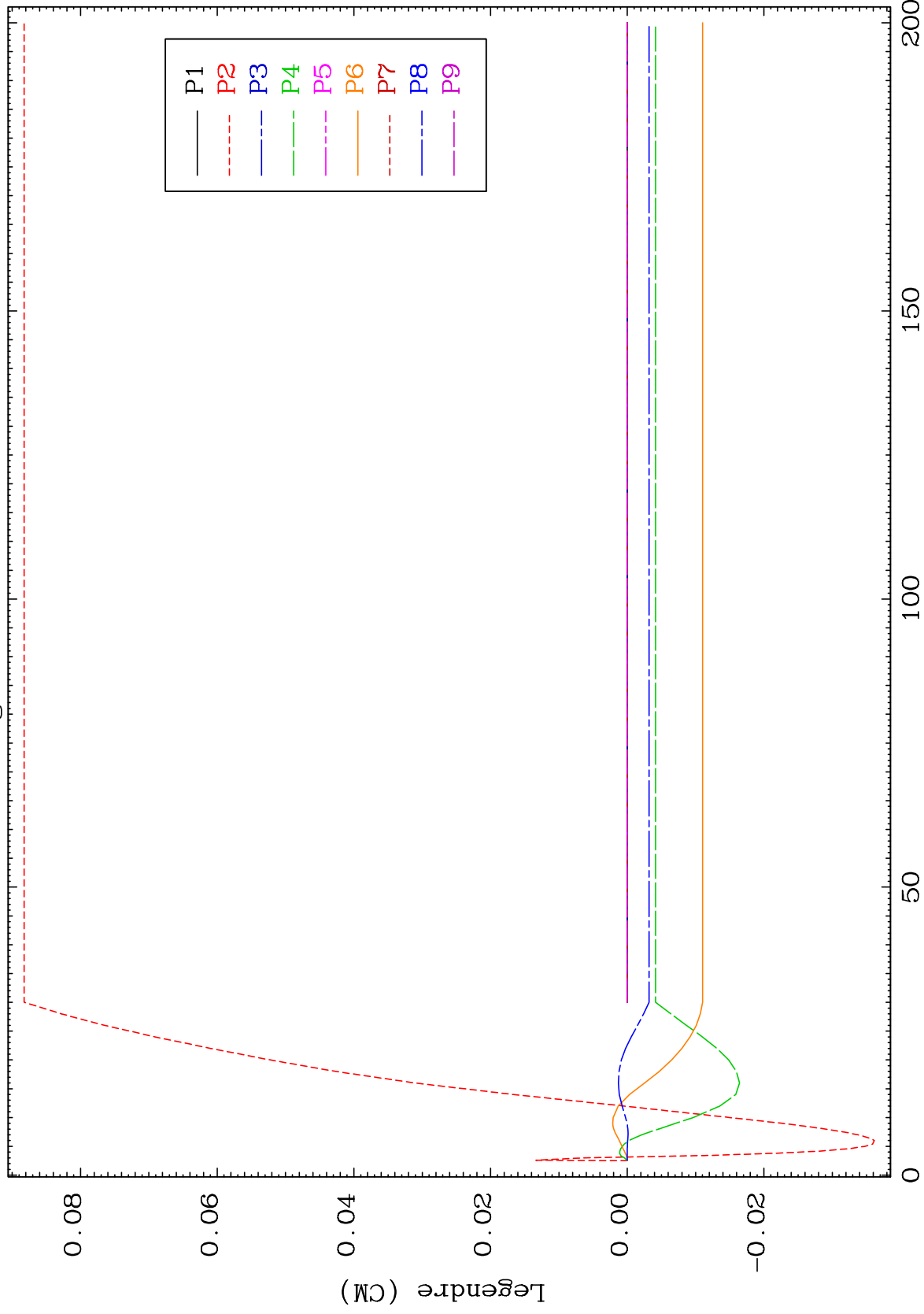
48-Cd-102



MAT 4813

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

48-Cd-102



49

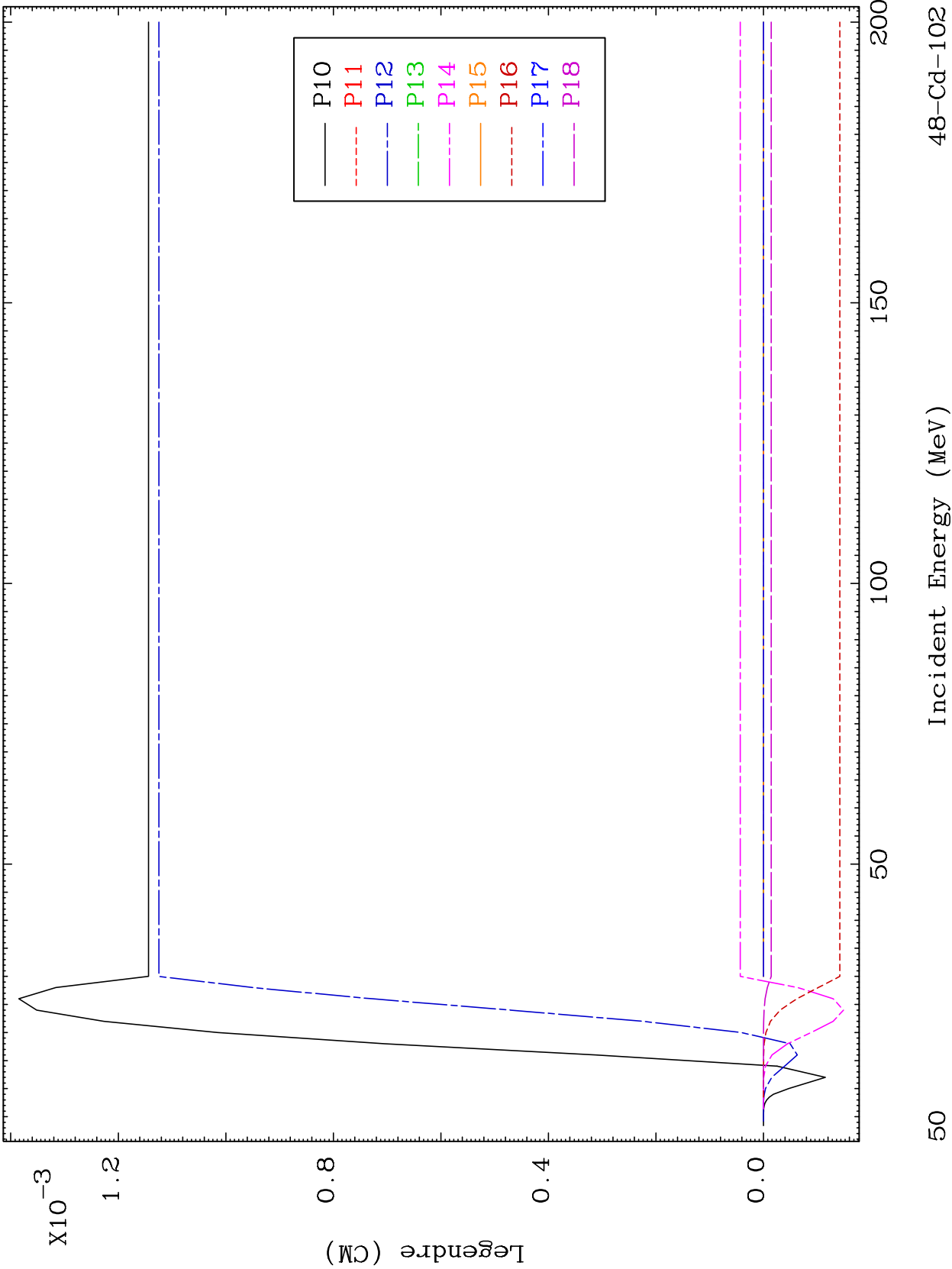
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

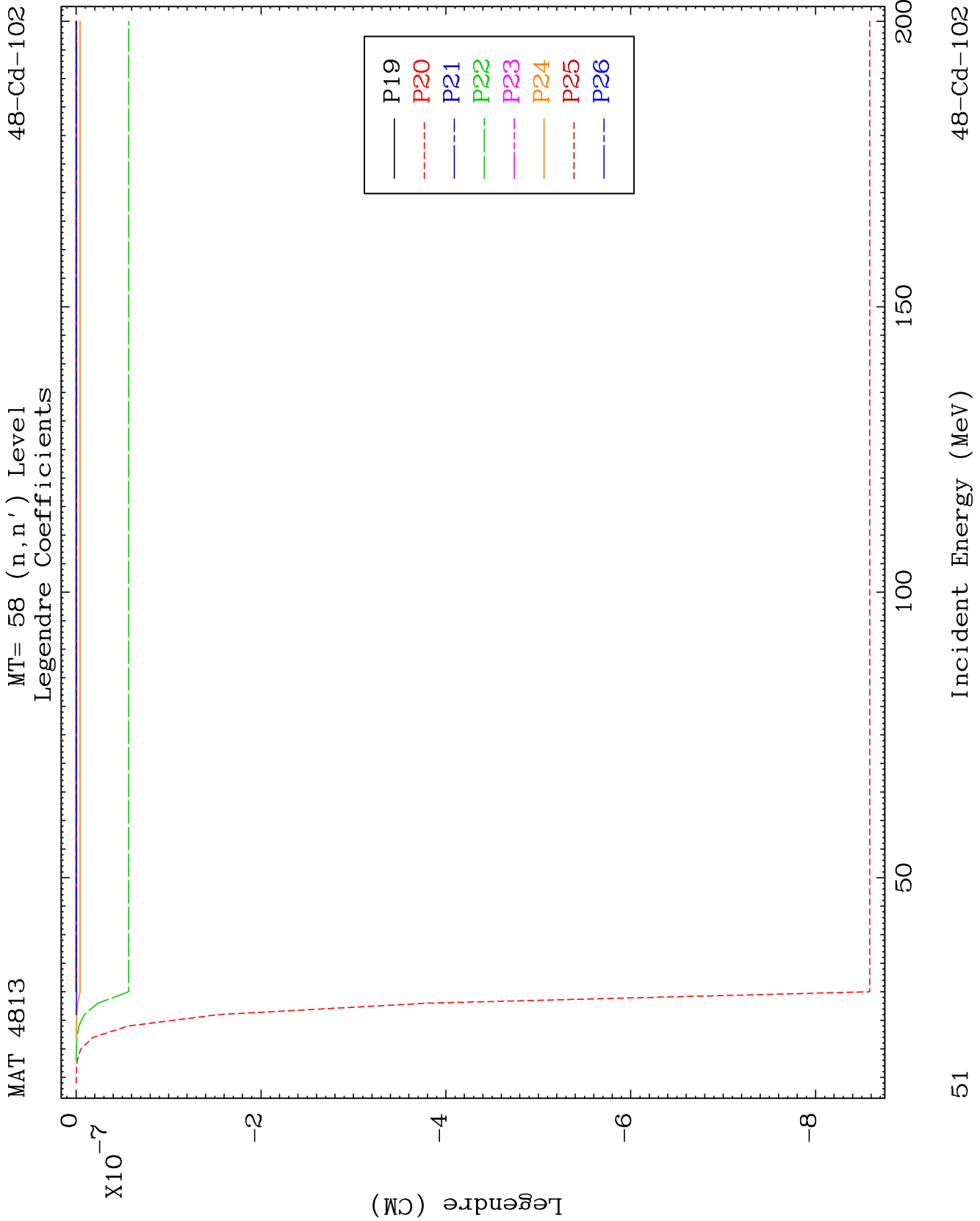
48-Cd-102



48-Cd-102

Incident Energy (MeV)

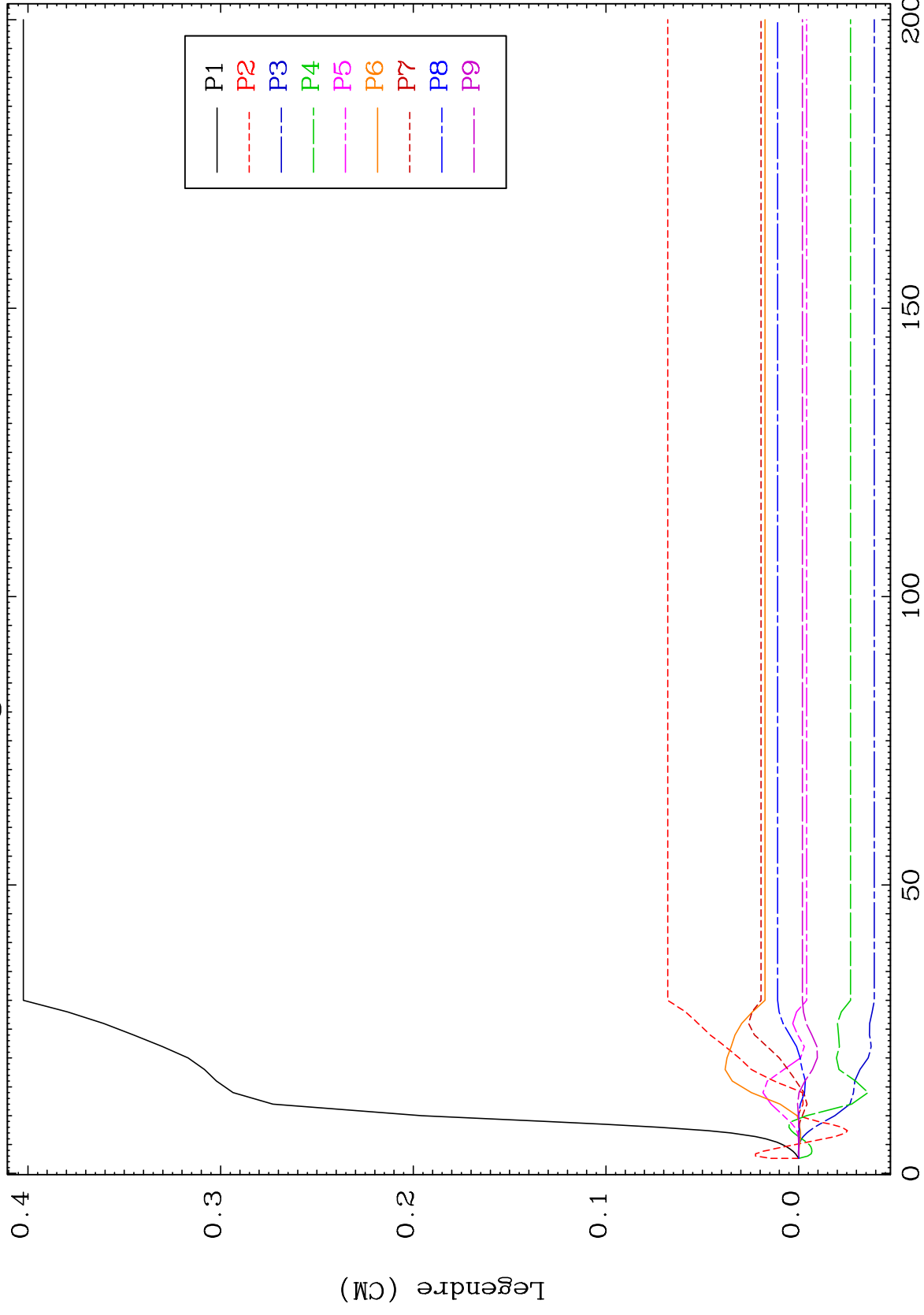
50



MAT 4813

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

48-Cd-102



52

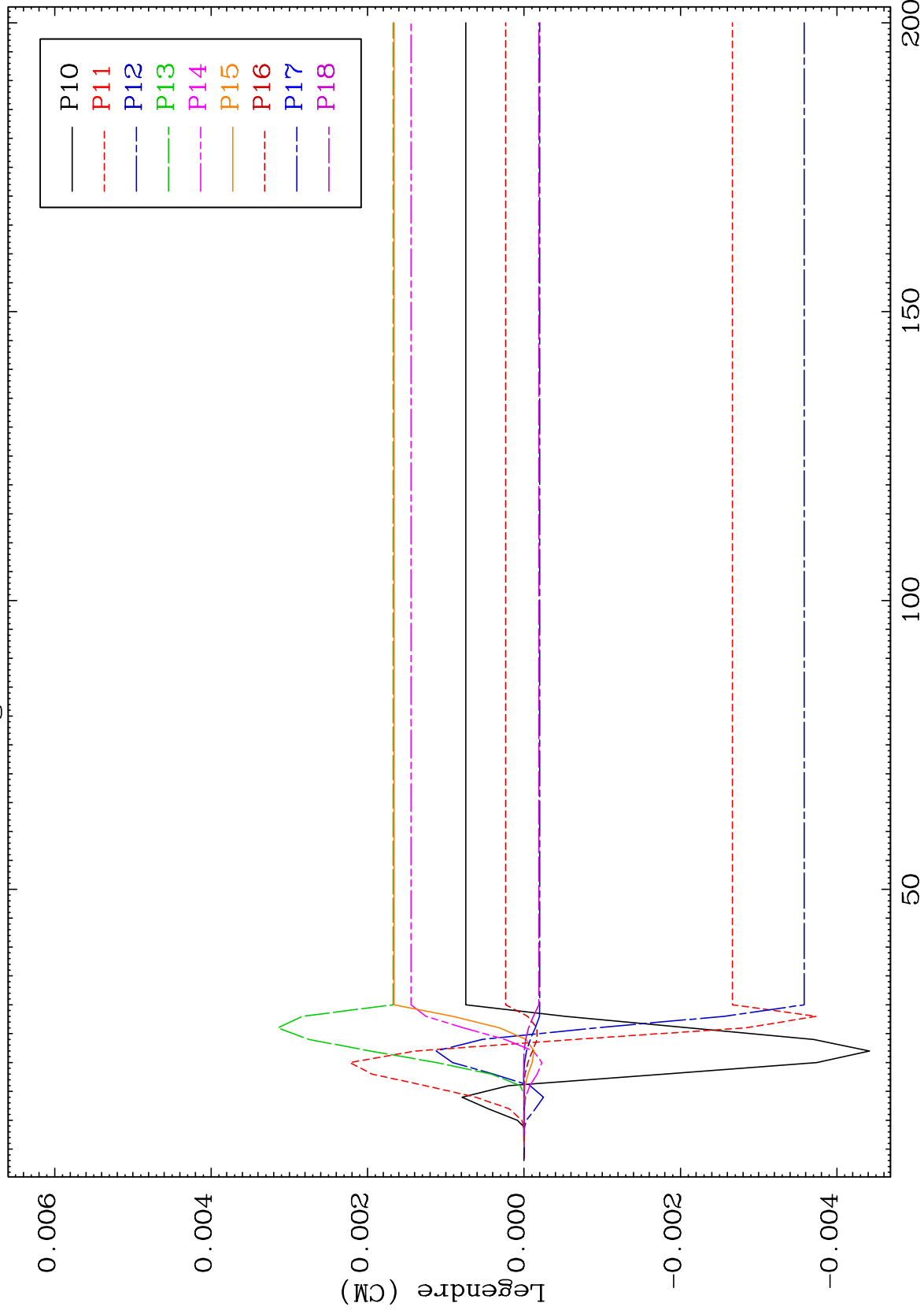
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

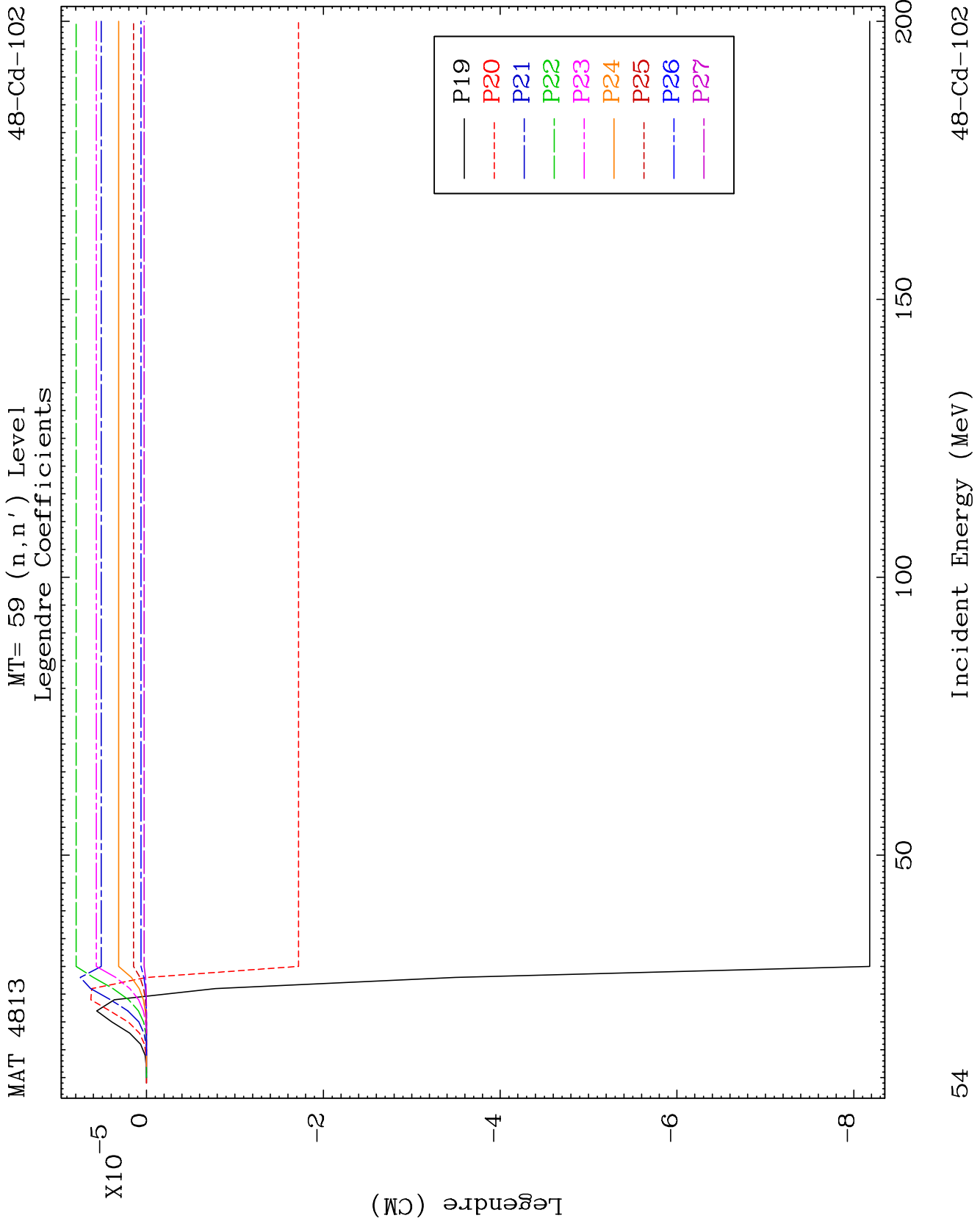
48-Cd-102



53

Incident Energy (MeV)

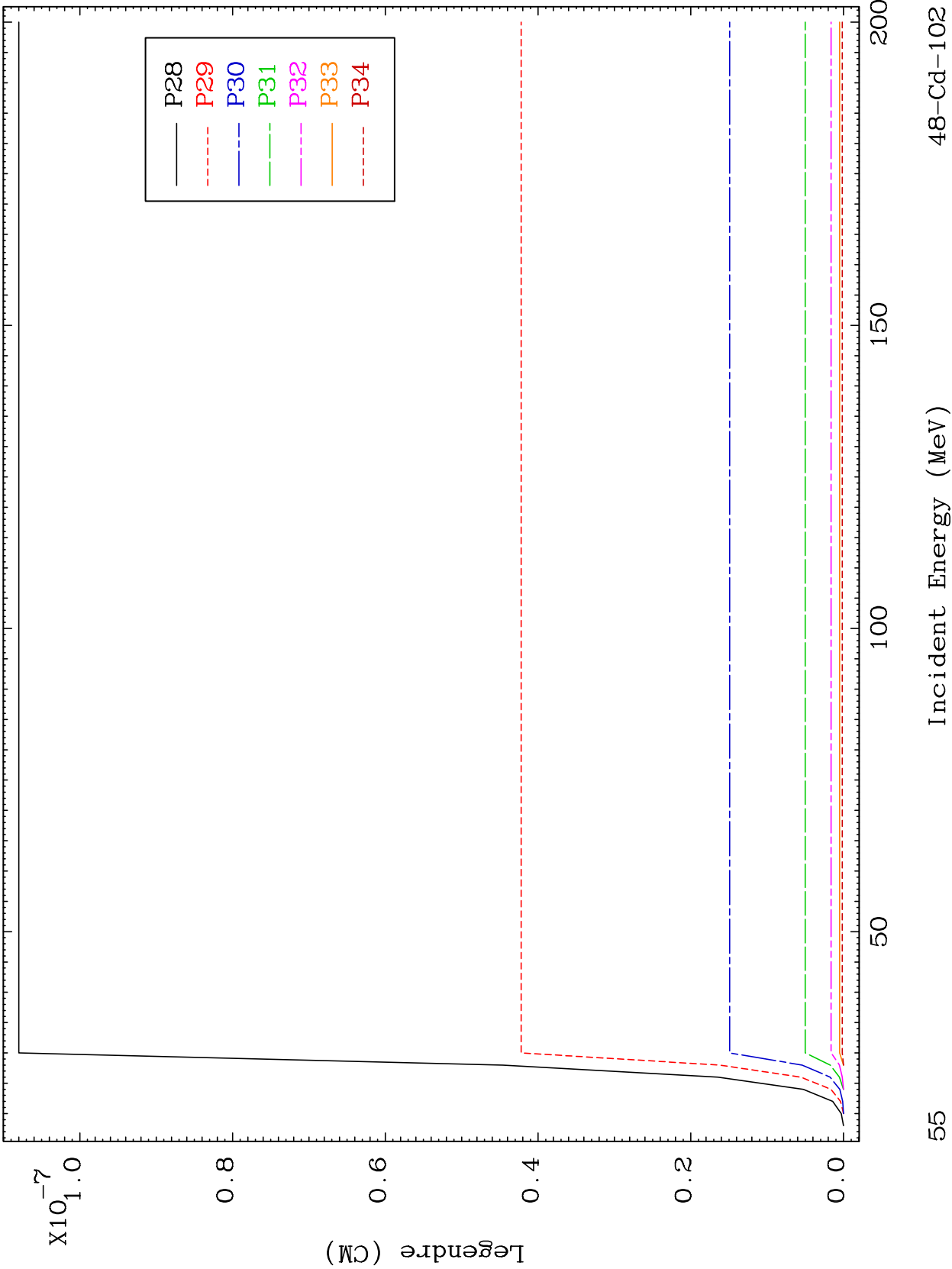
48-Cd-102



MAT 4813

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

48-Cd-102



55

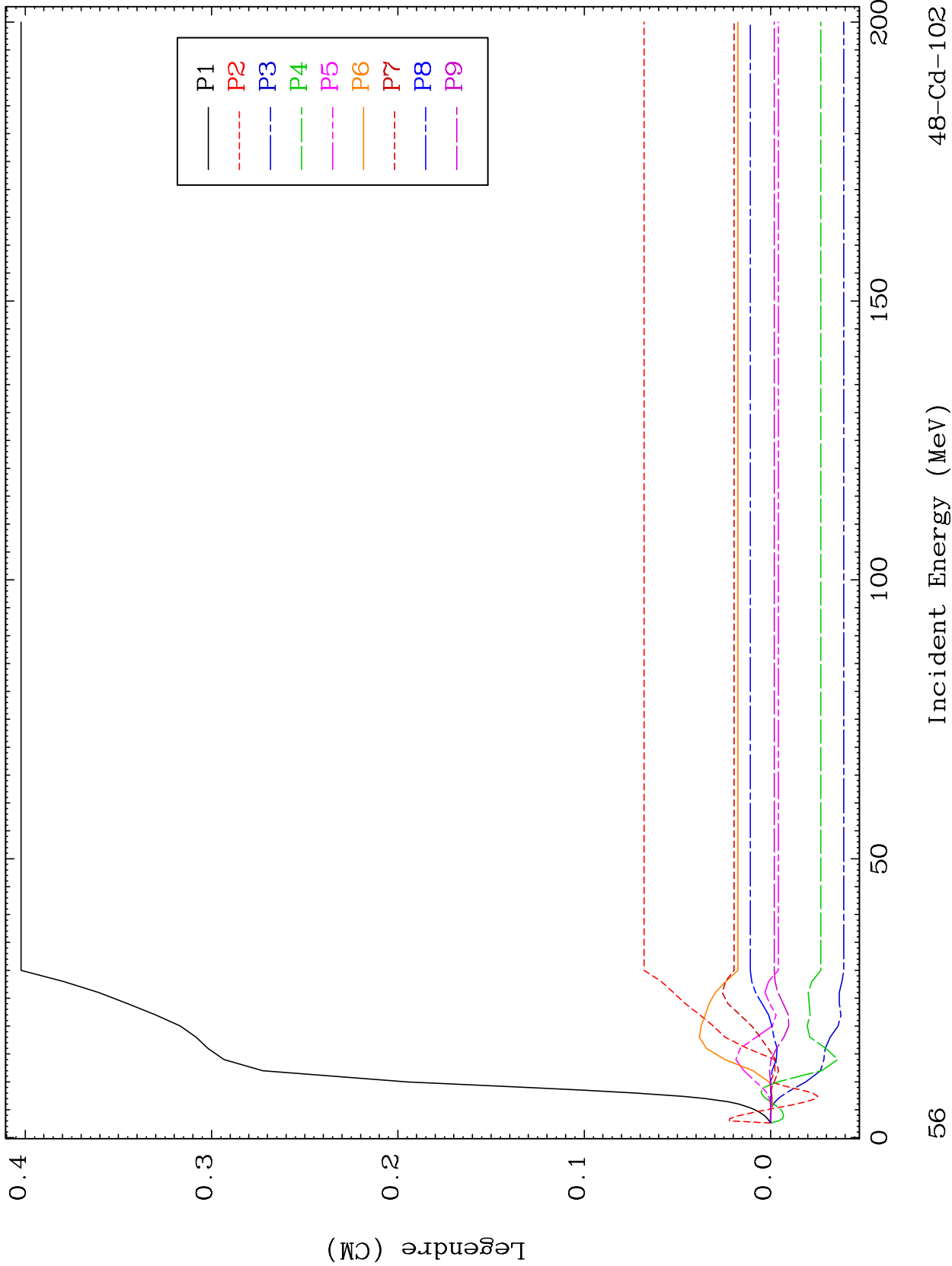
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



56

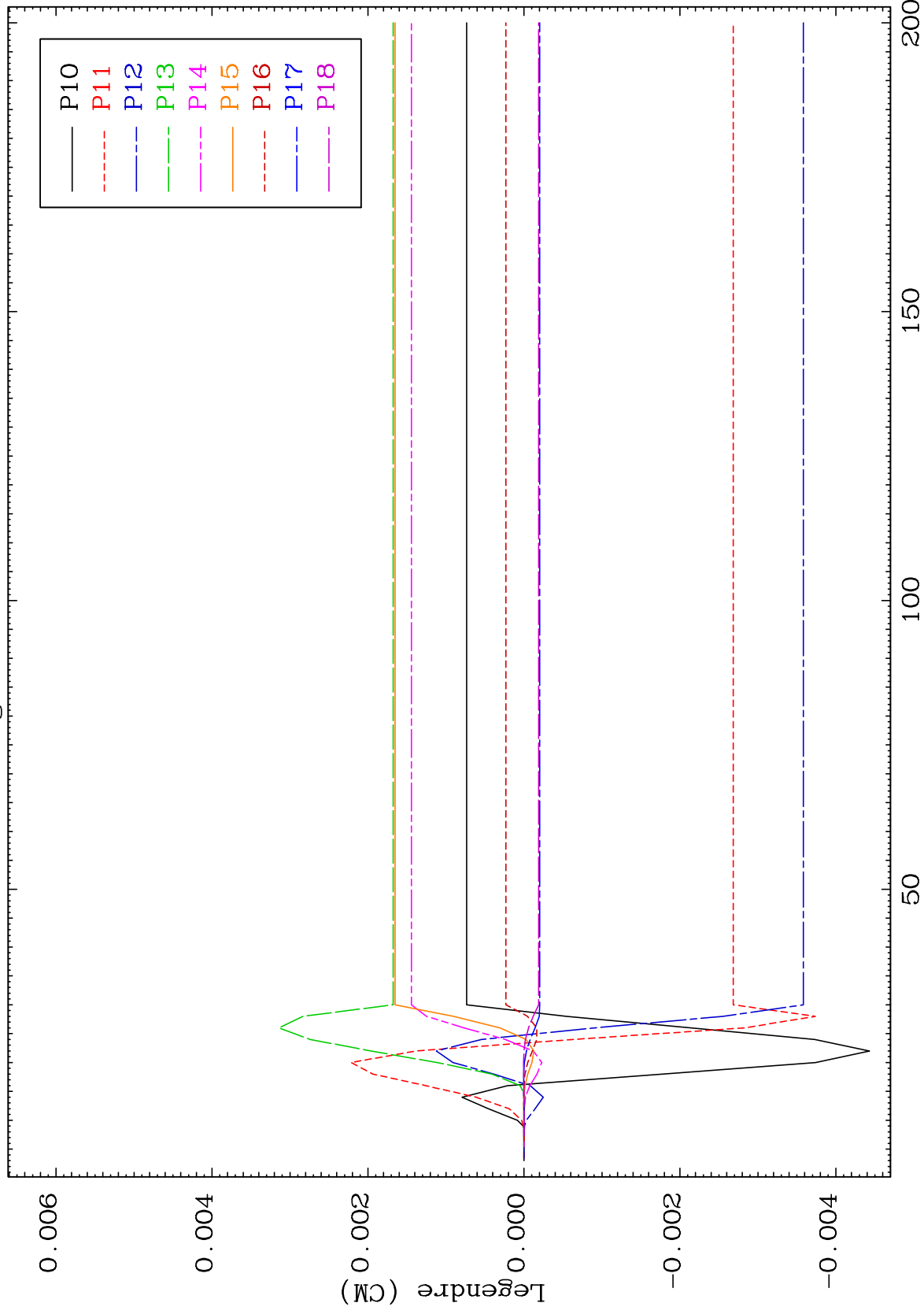
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



57

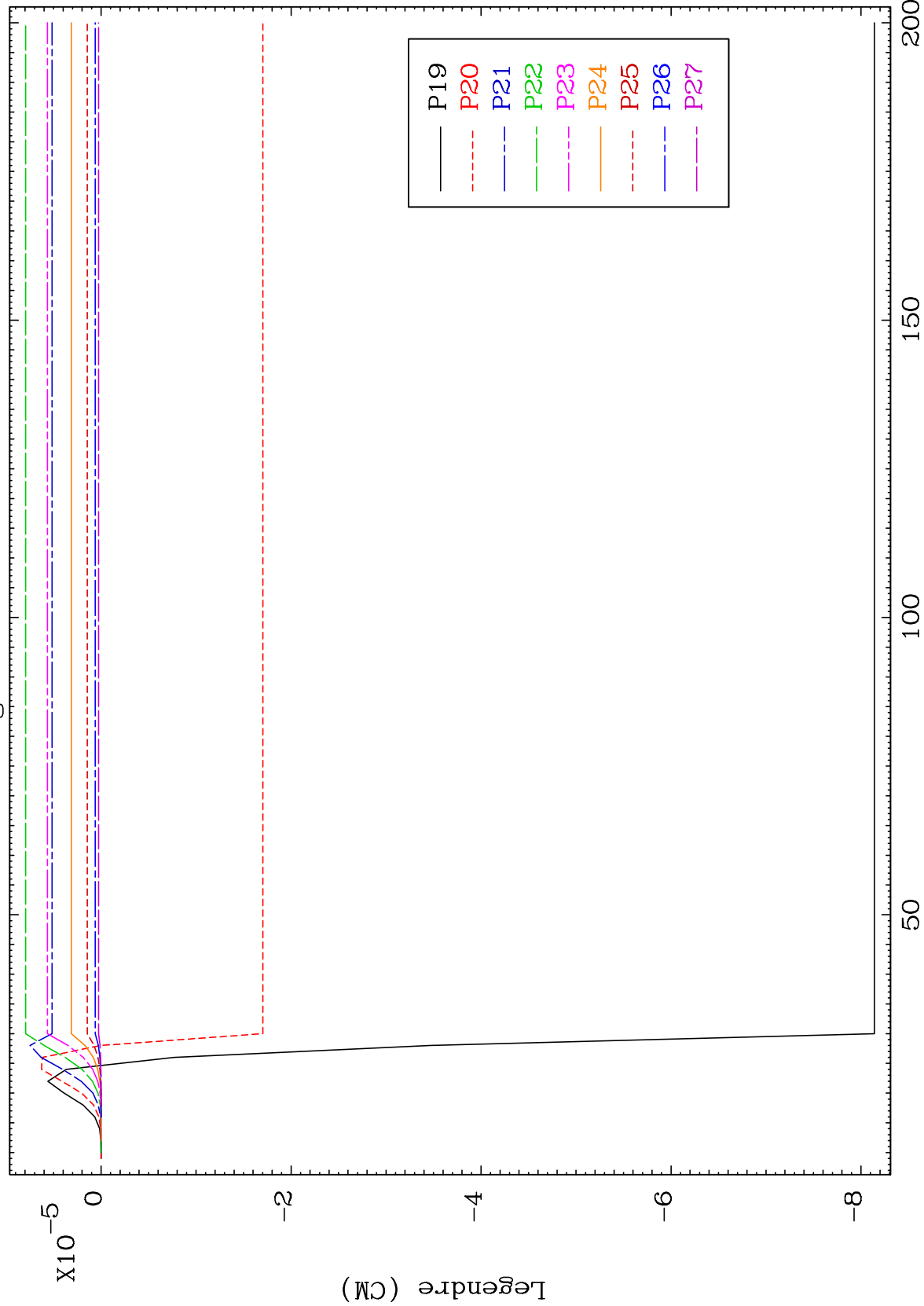
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



58

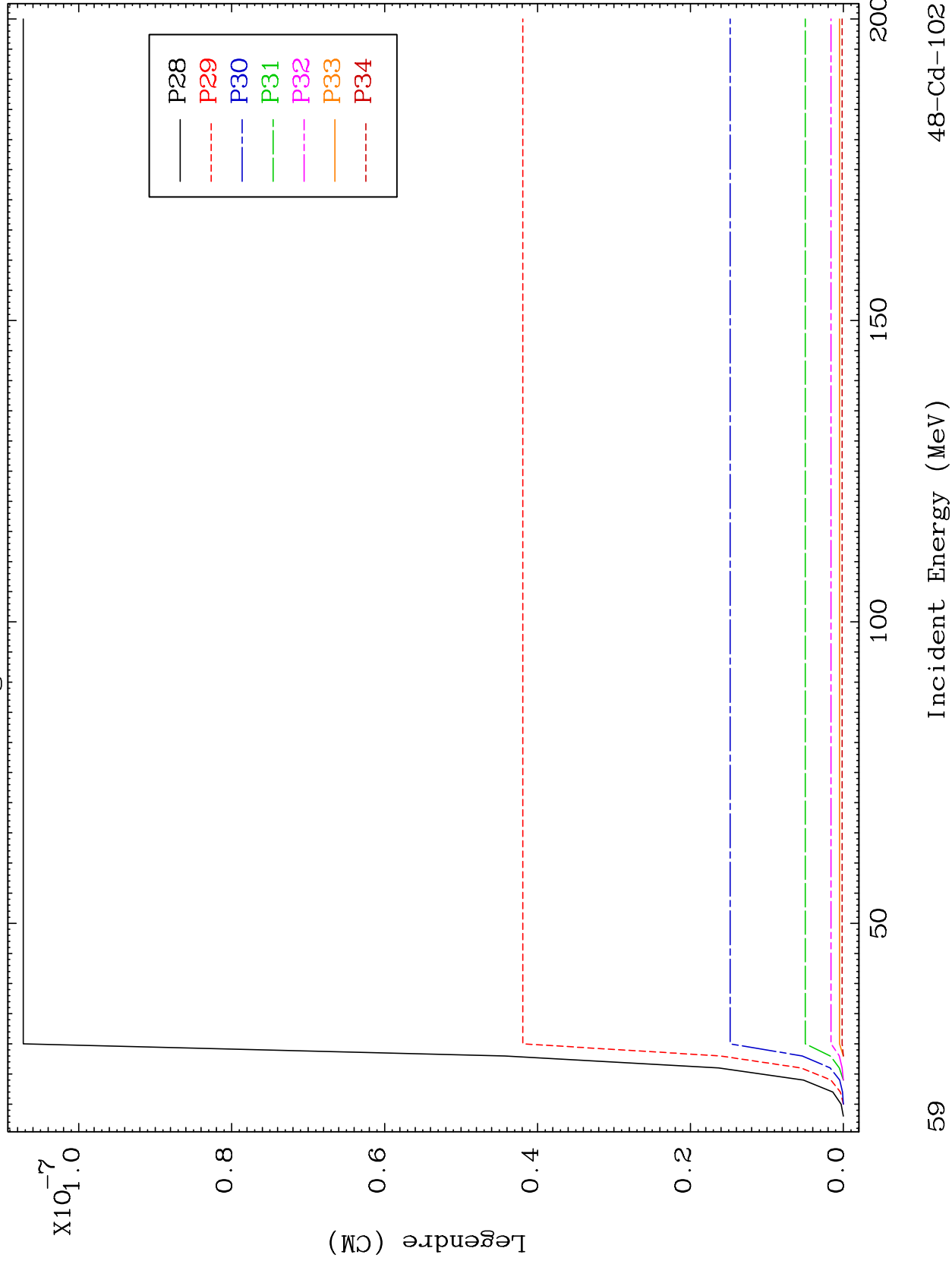
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



59

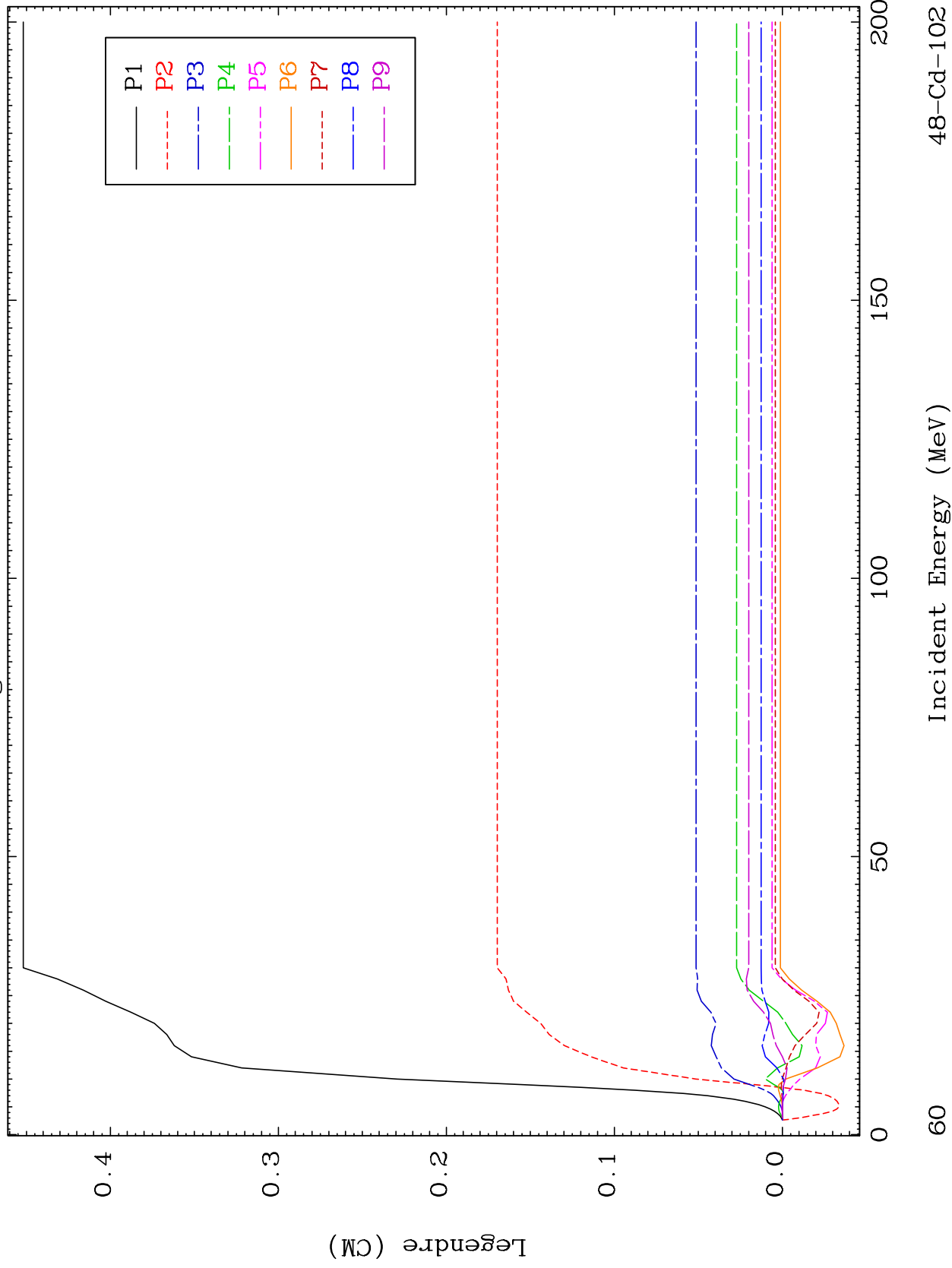
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

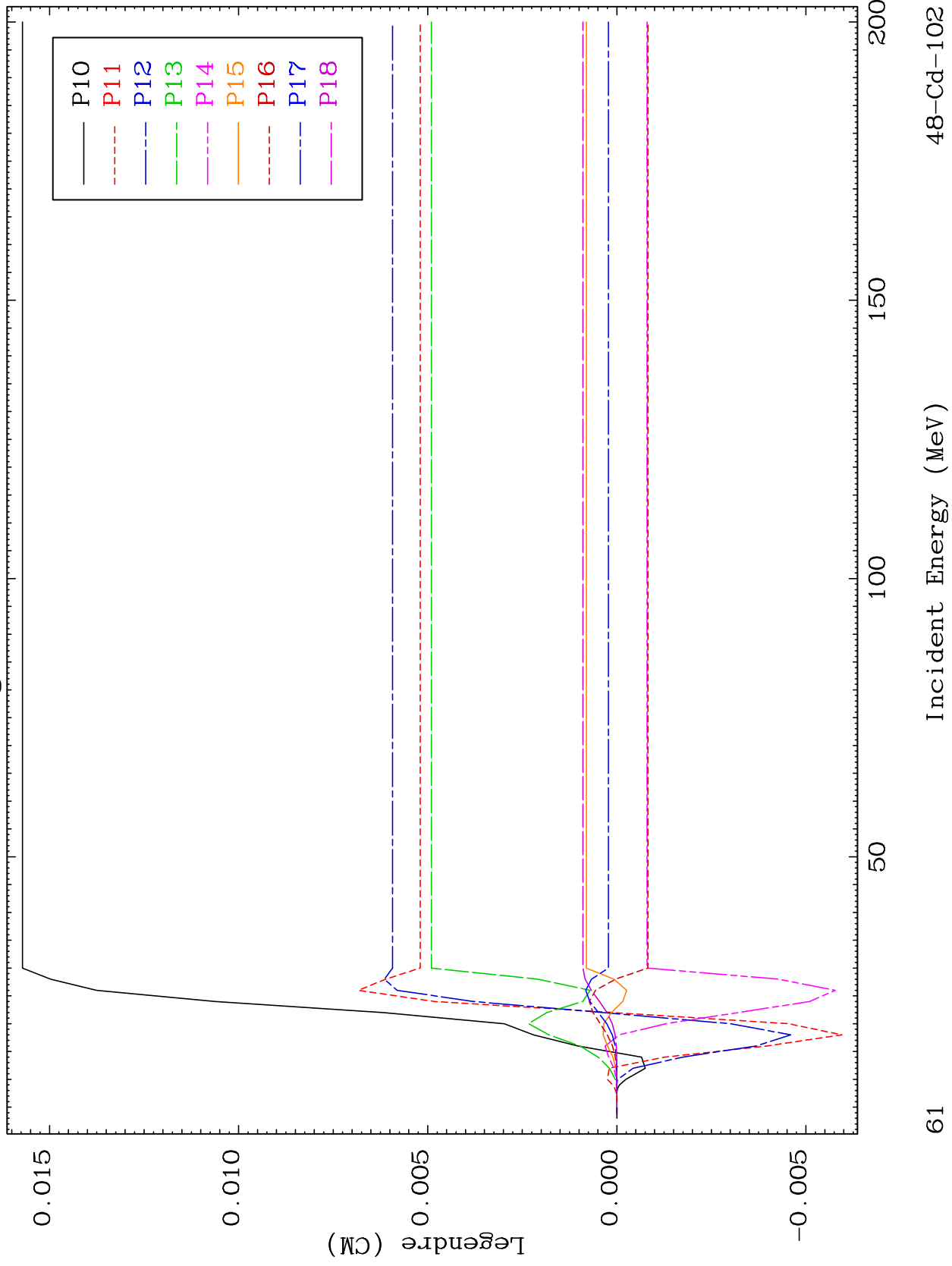
Incident Energy (MeV)

60

MAT 4813

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

48-Cd-102



61

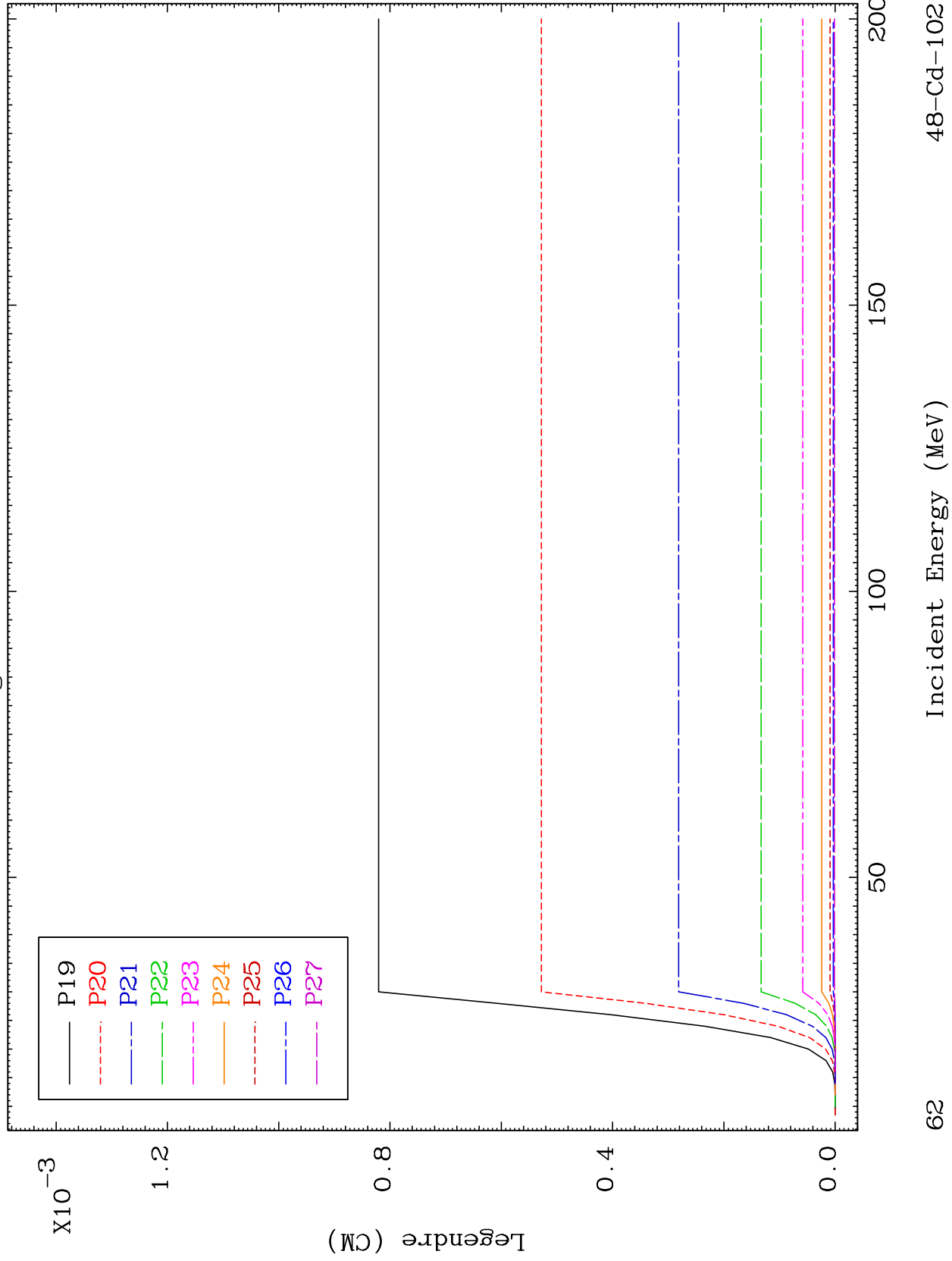
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



62

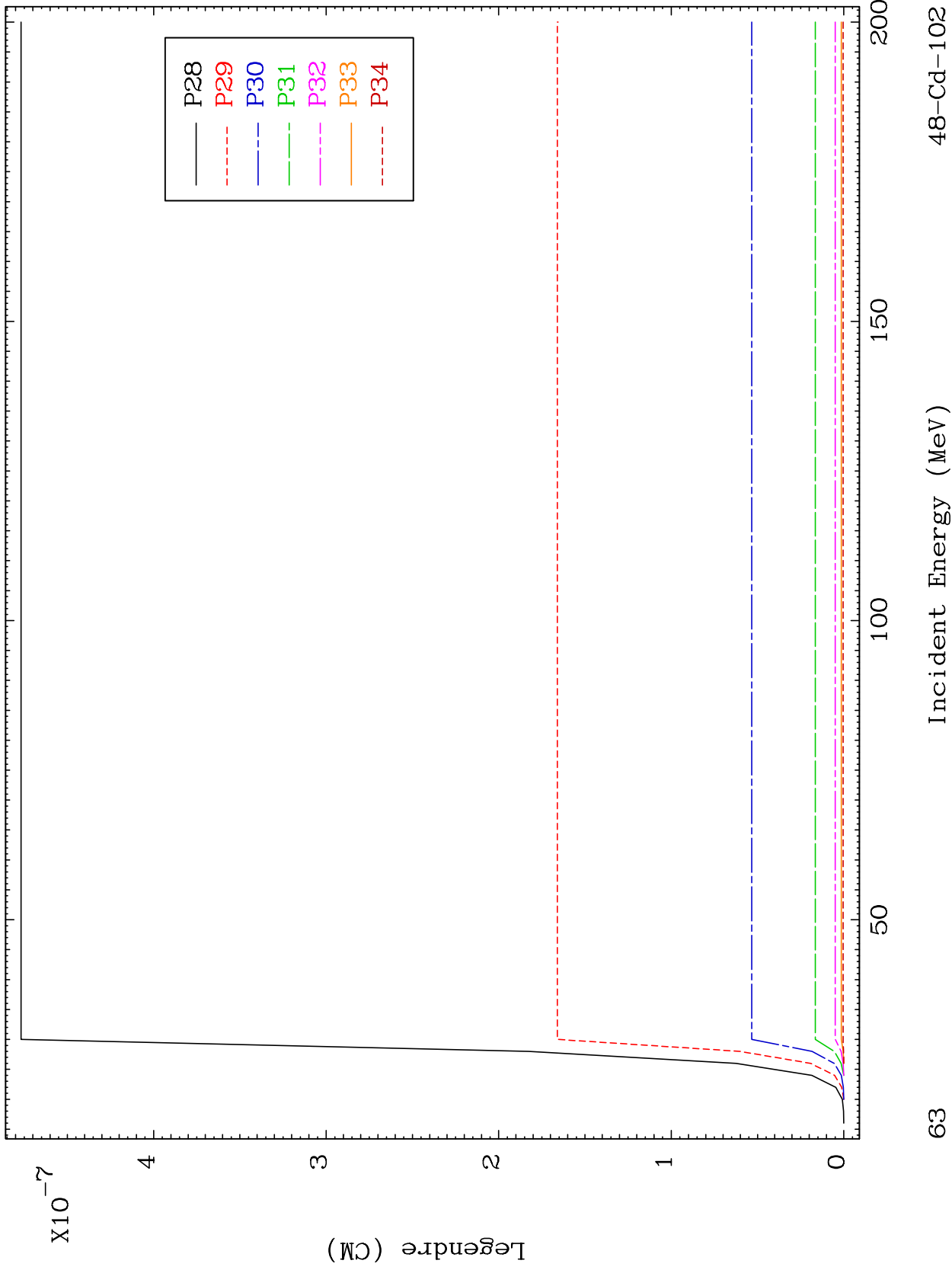
Incident Energy (MeV)

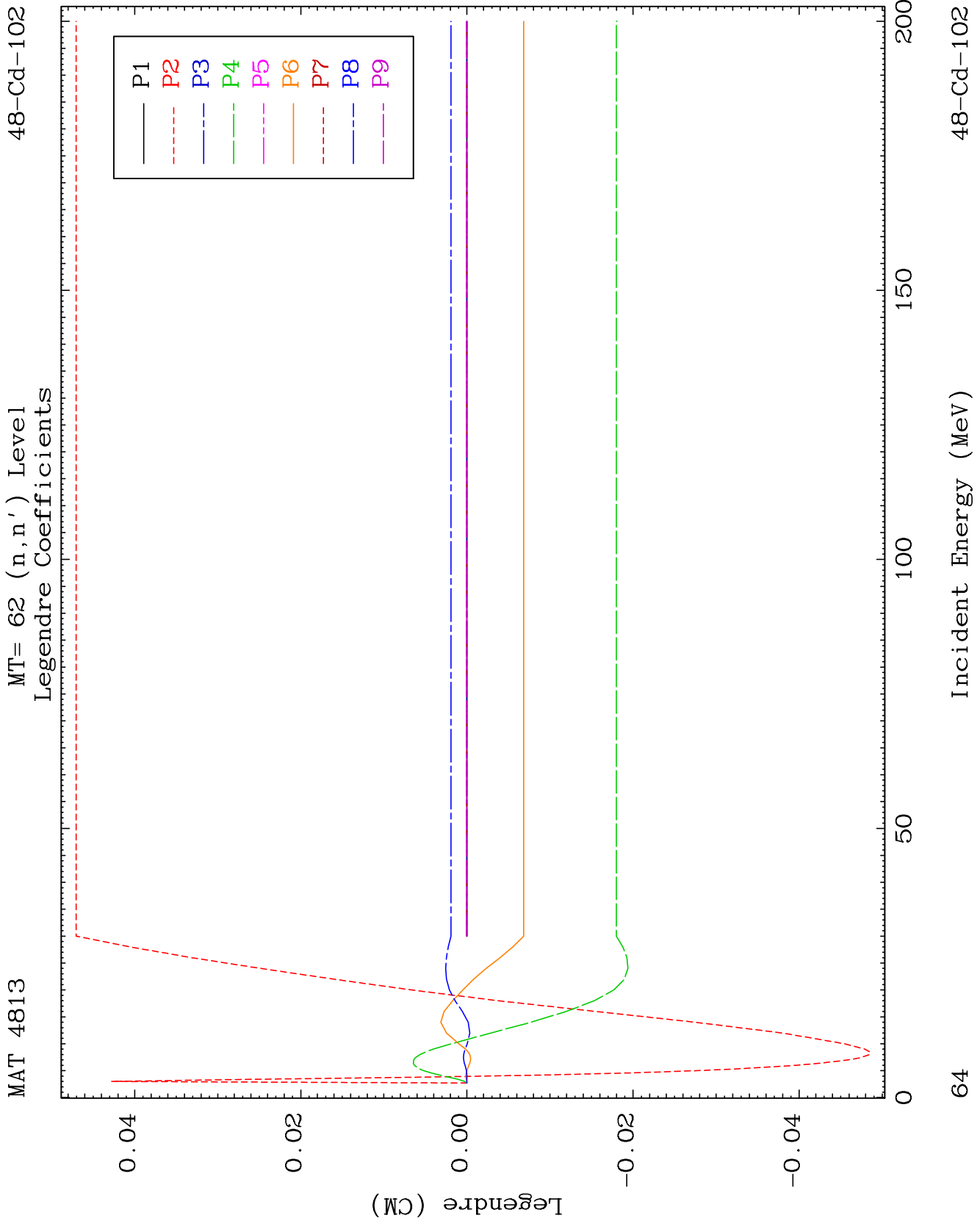
48-Cd-102

MAT 4813

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

48-Cd-102

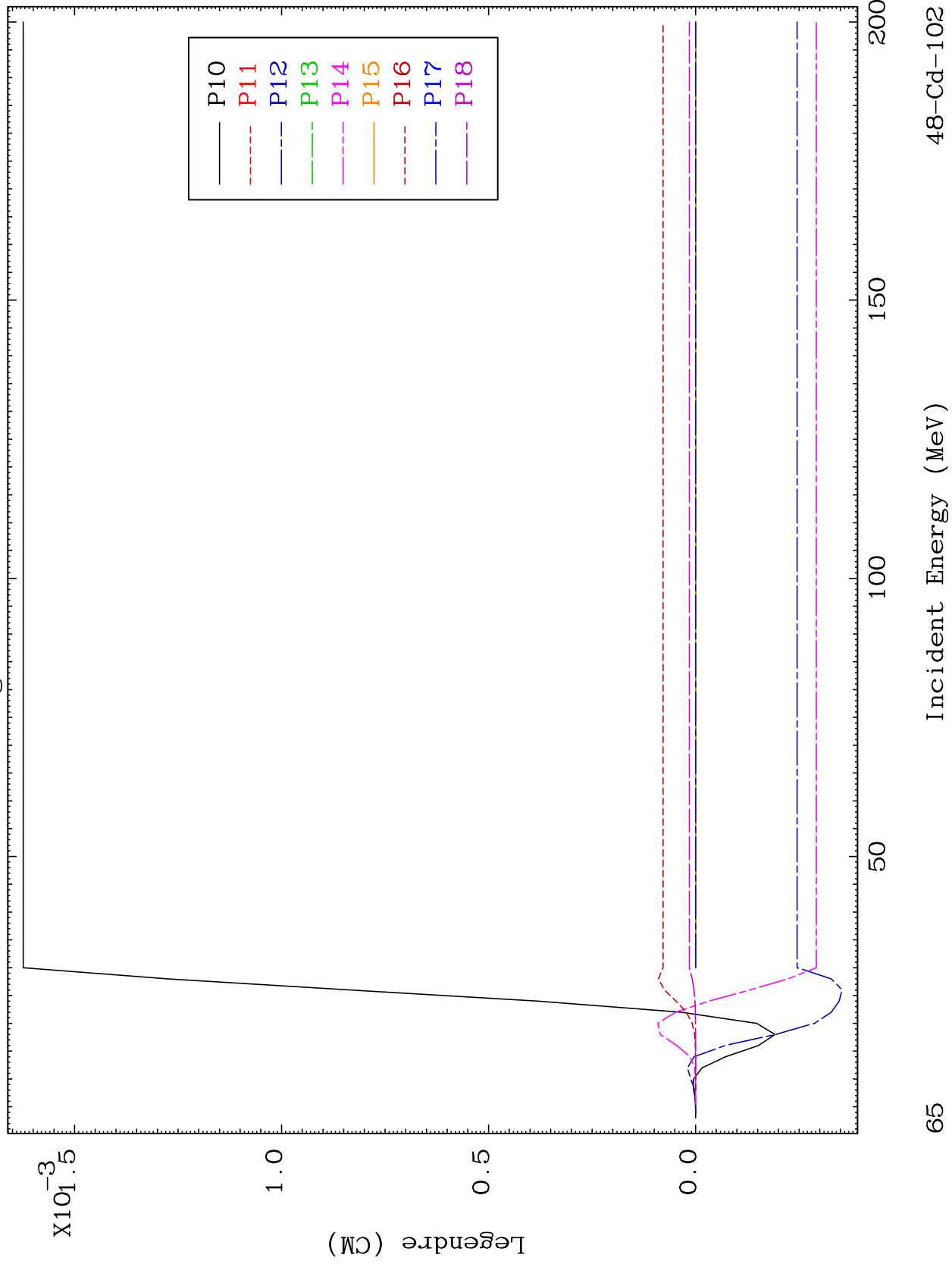




MAT 4813

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

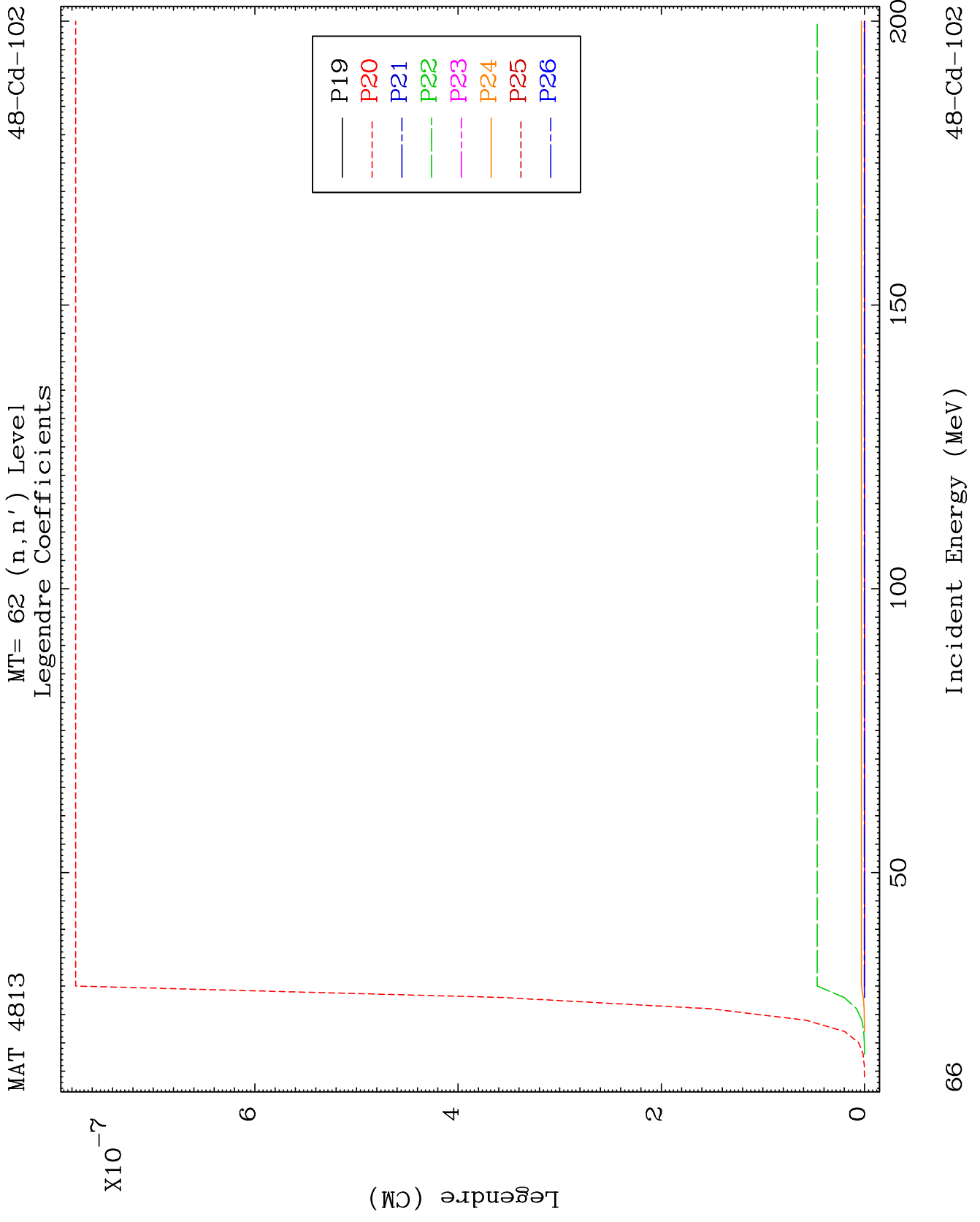
48-Cd-102



65

Incident Energy (MeV)

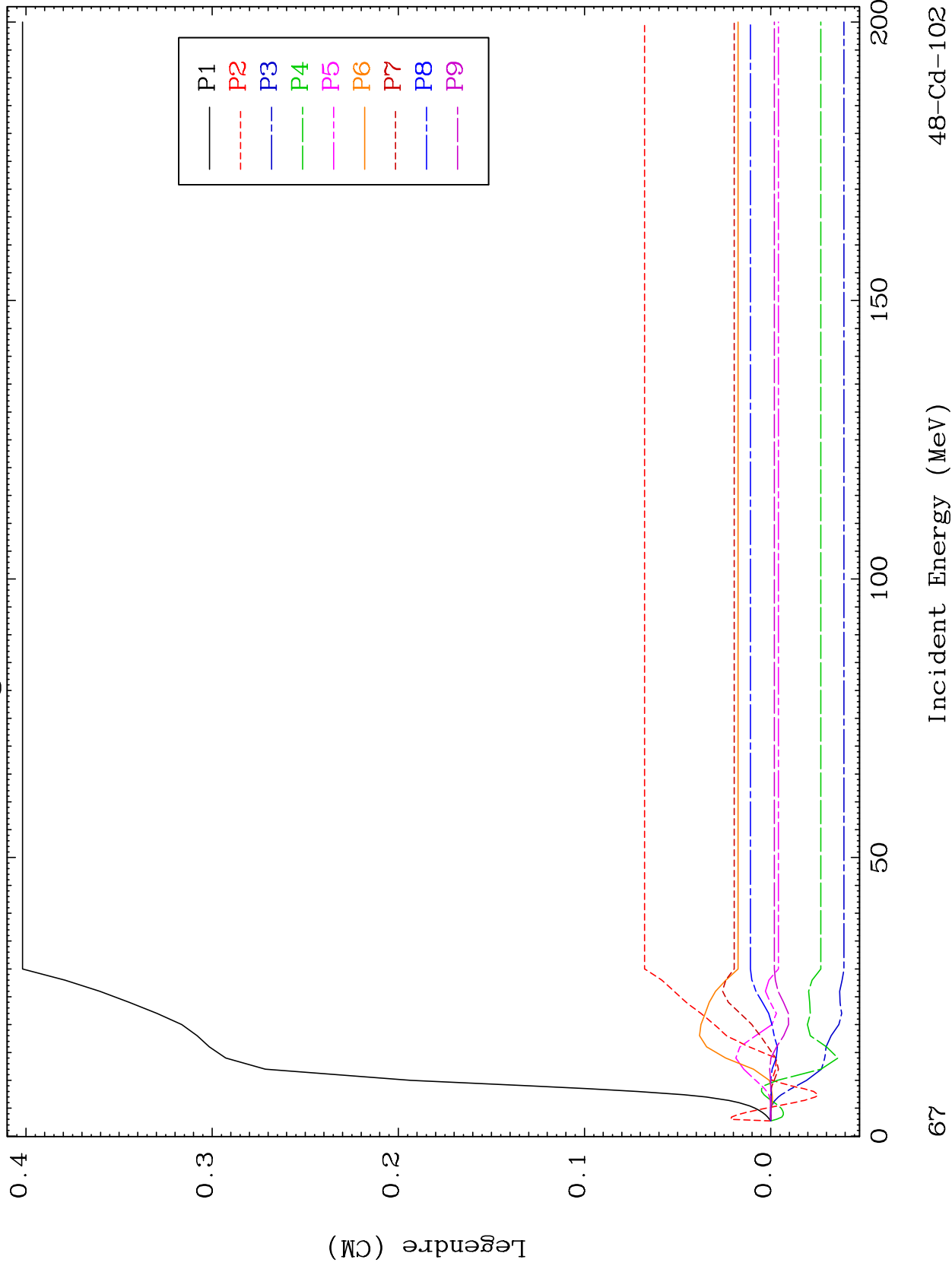
48-Cd-102



MAT 4813

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

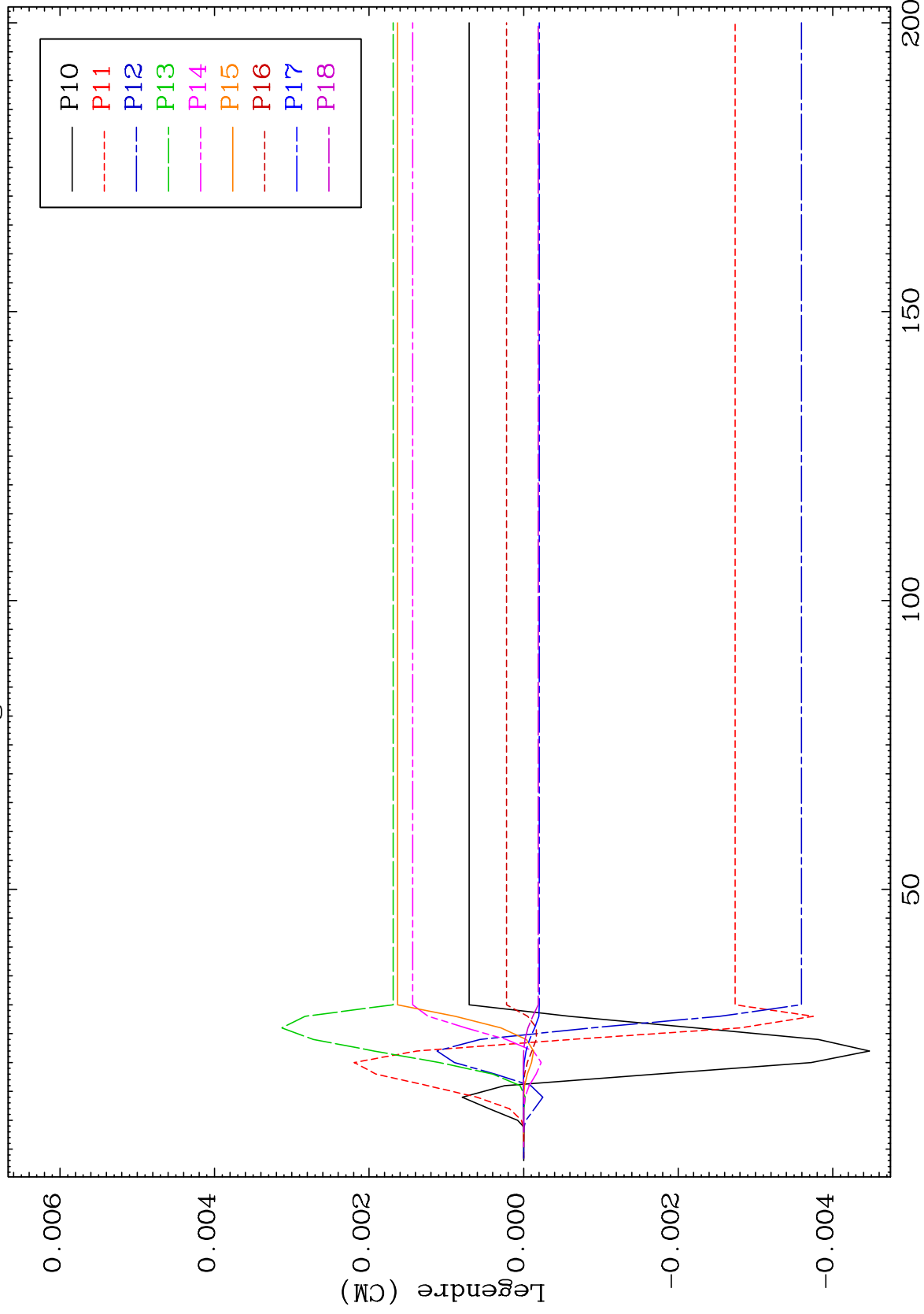
48-Cd-102



MAT 4813

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

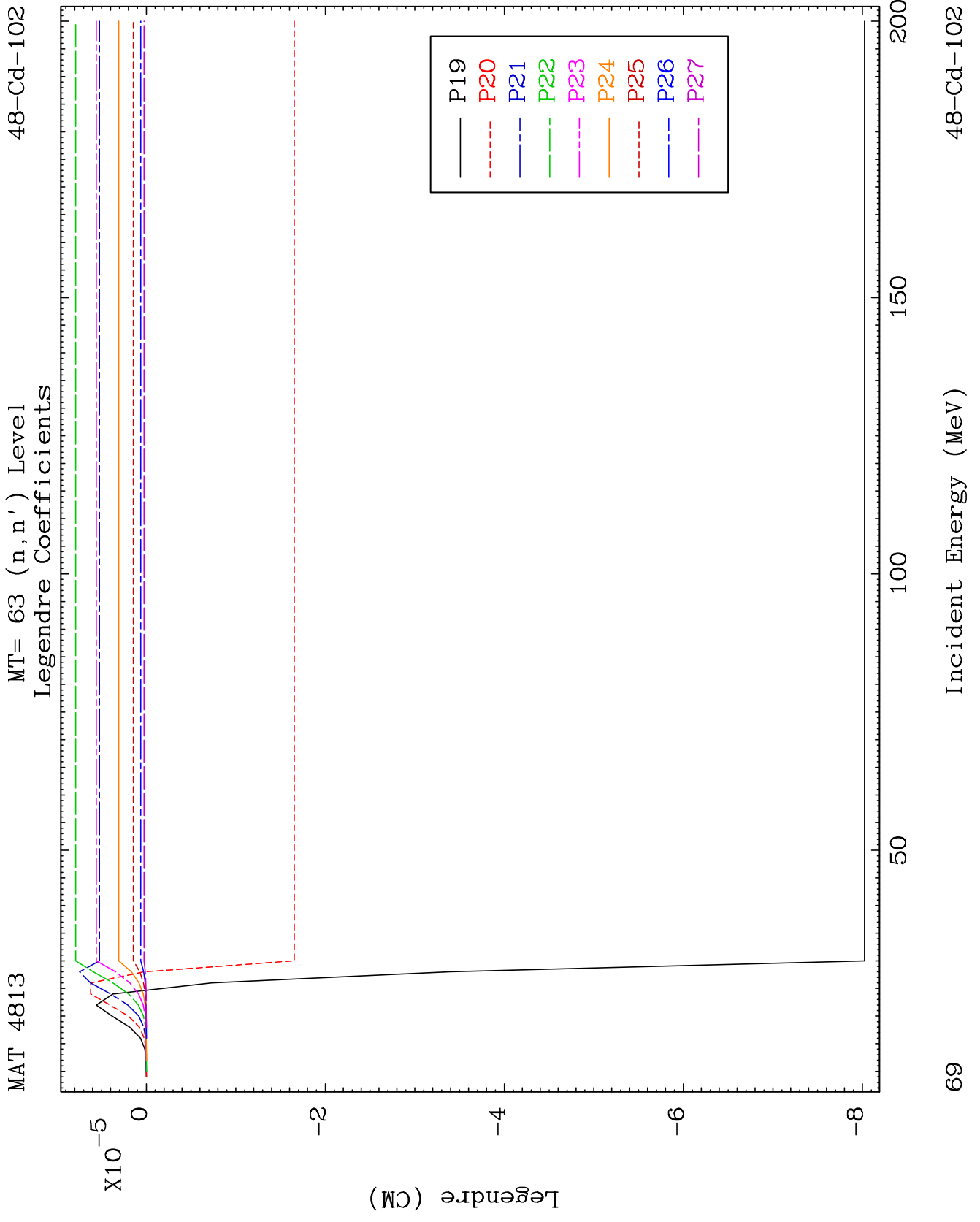
48-Cd-102



68

Incident Energy (MeV)

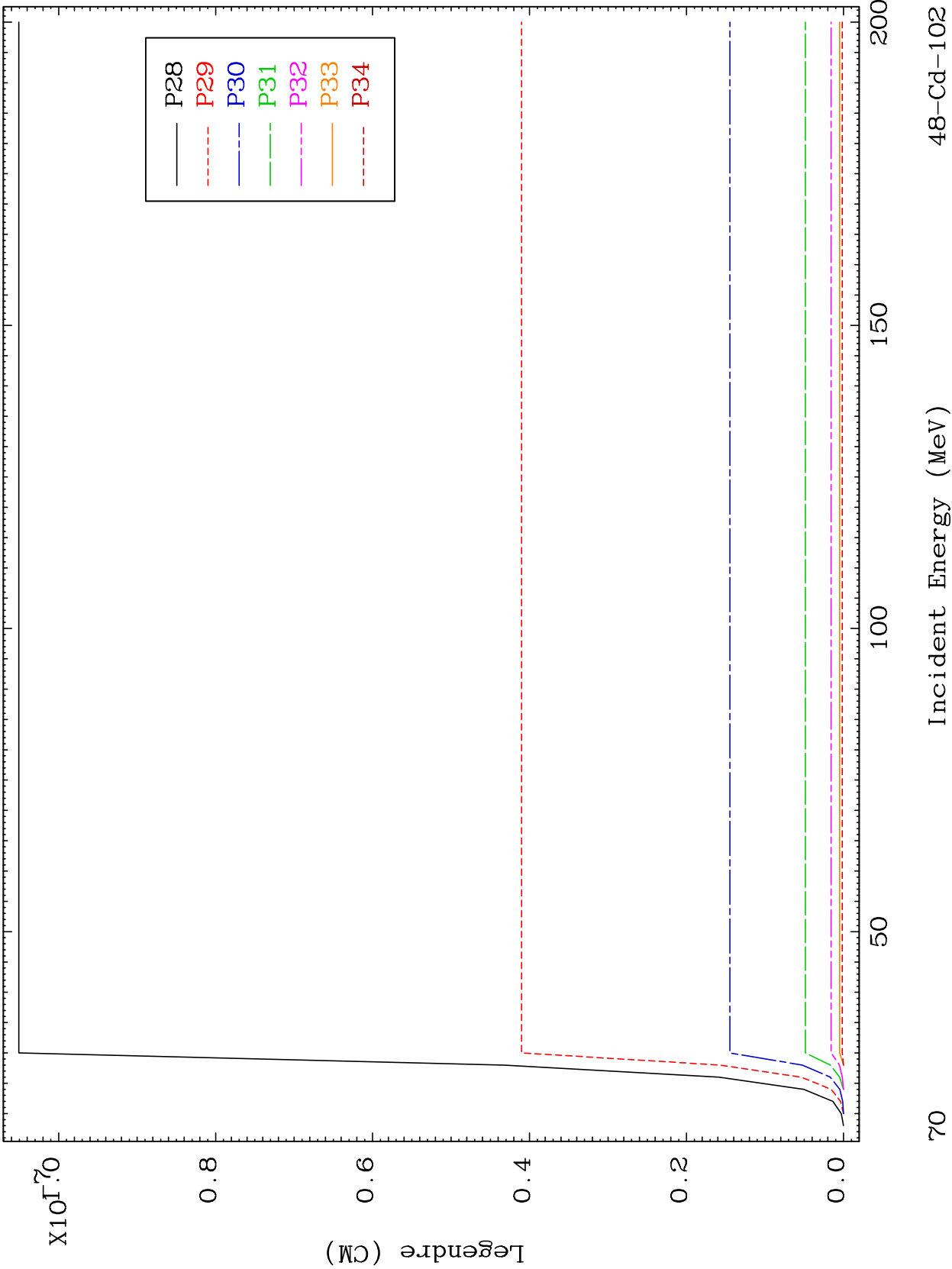
48-Cd-102



MAT 4813

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

48-Cd-102



70

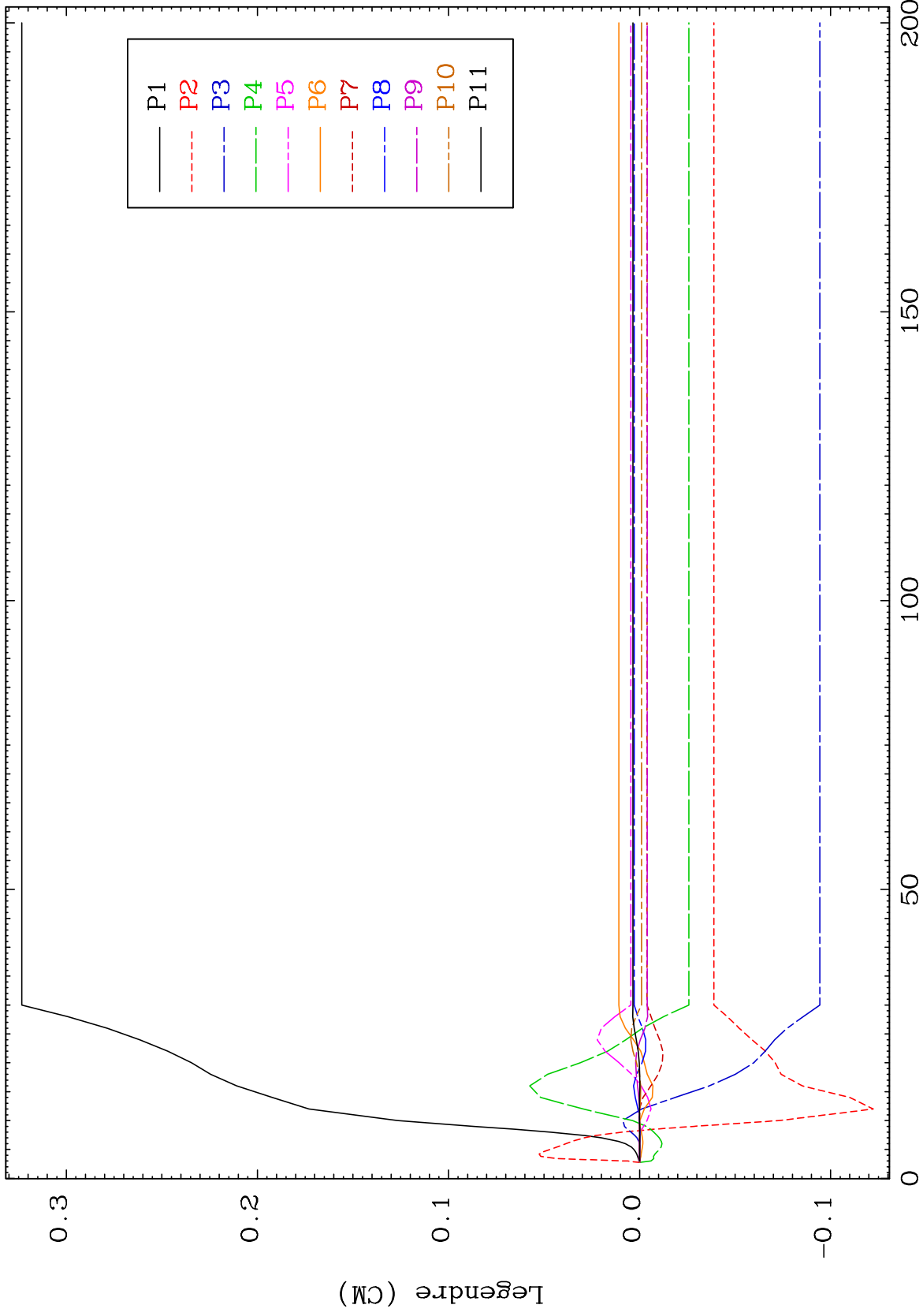
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



71

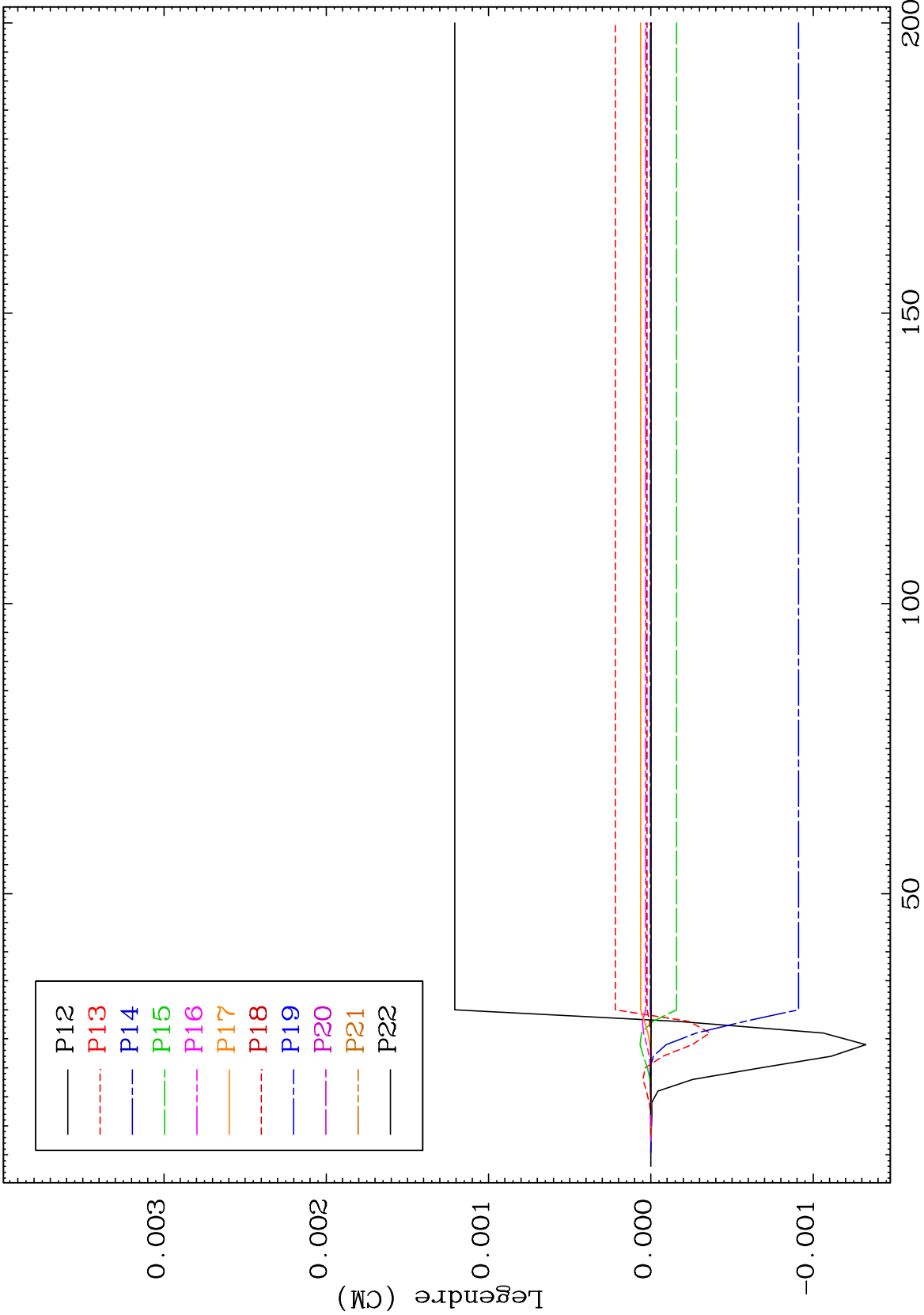
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

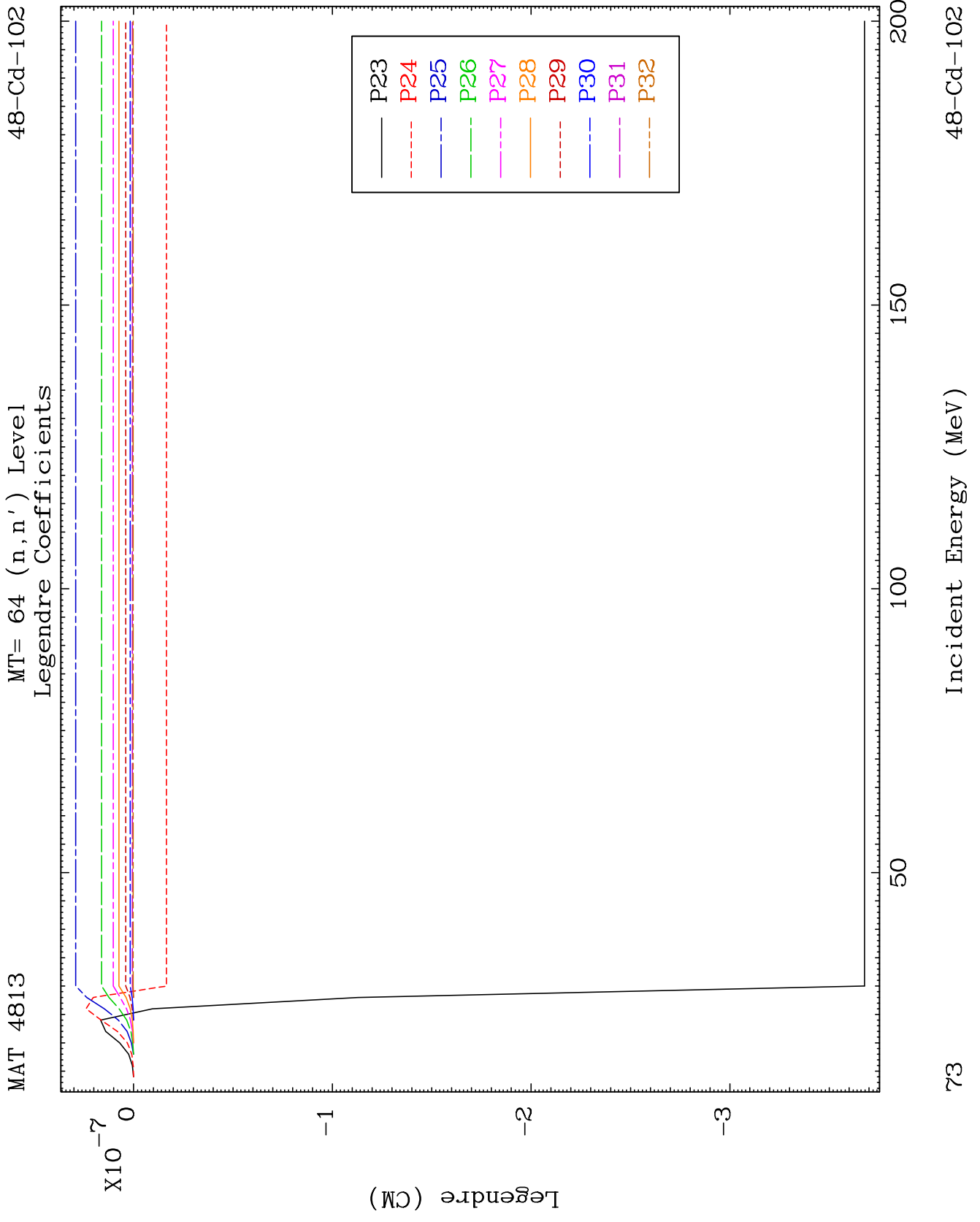
48-Cd-102



72

Incident Energy (MeV)

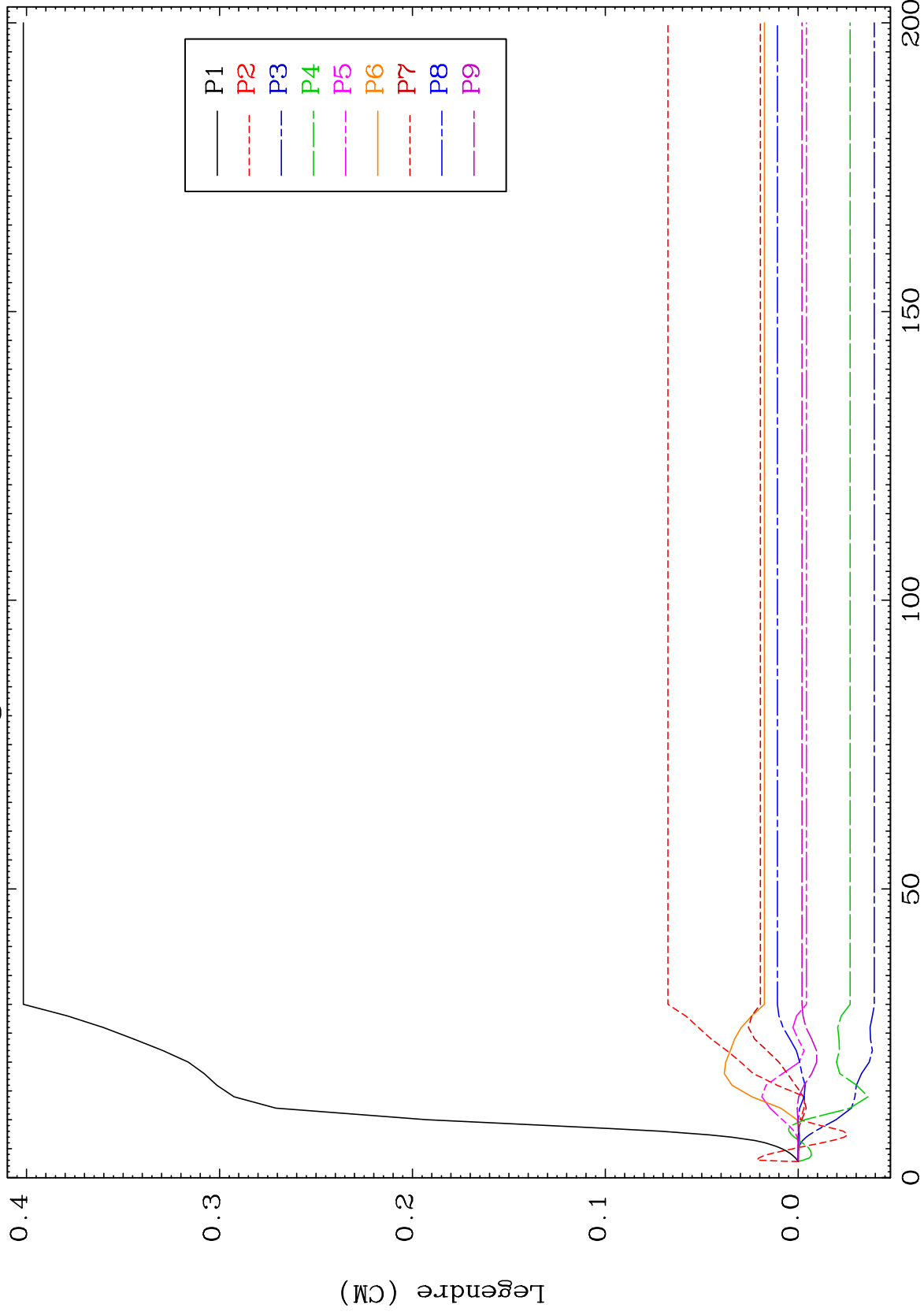
48-Cd-102



MAT 4813

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

48-Cd-102



74

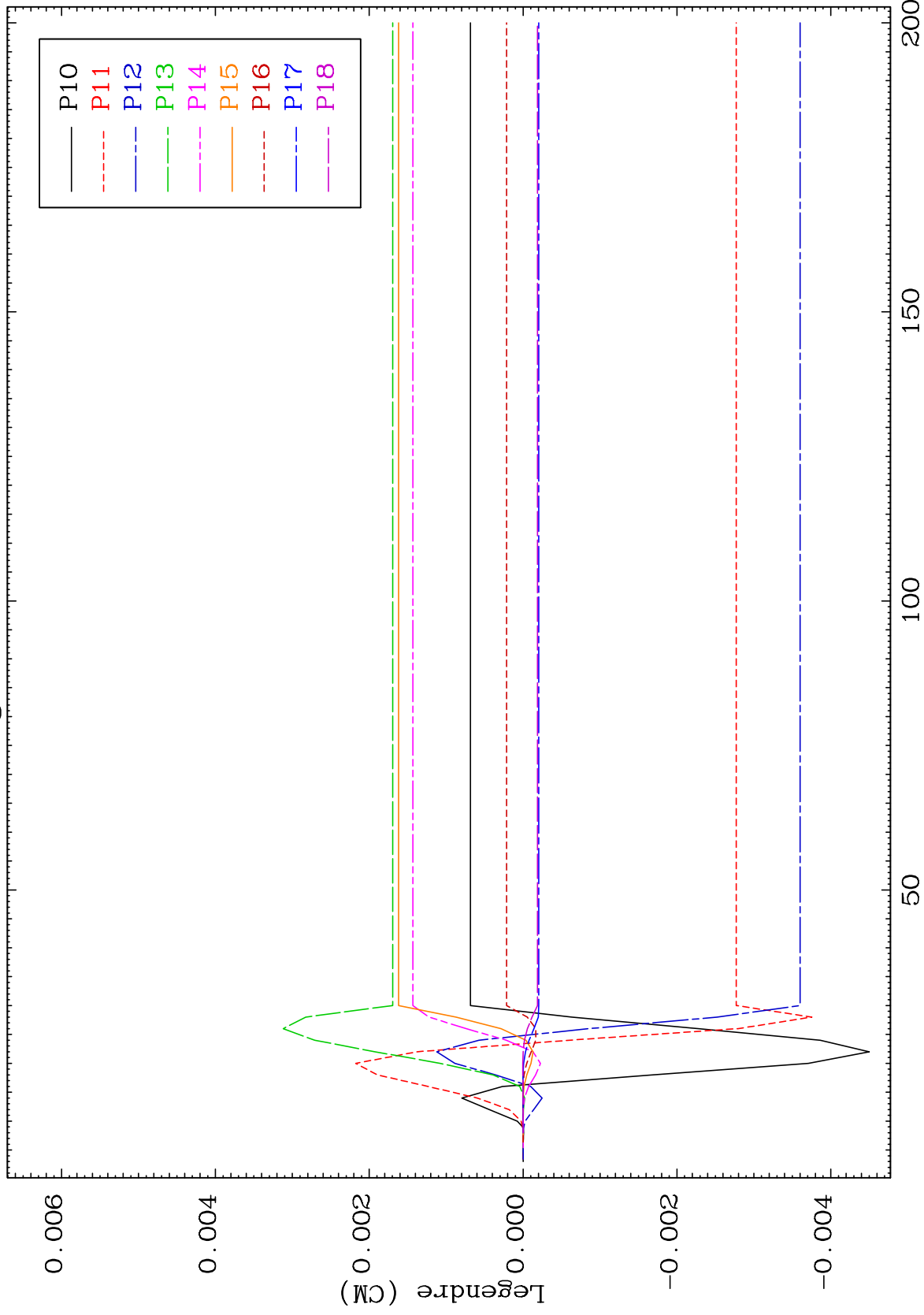
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



75

Incident Energy (MeV)

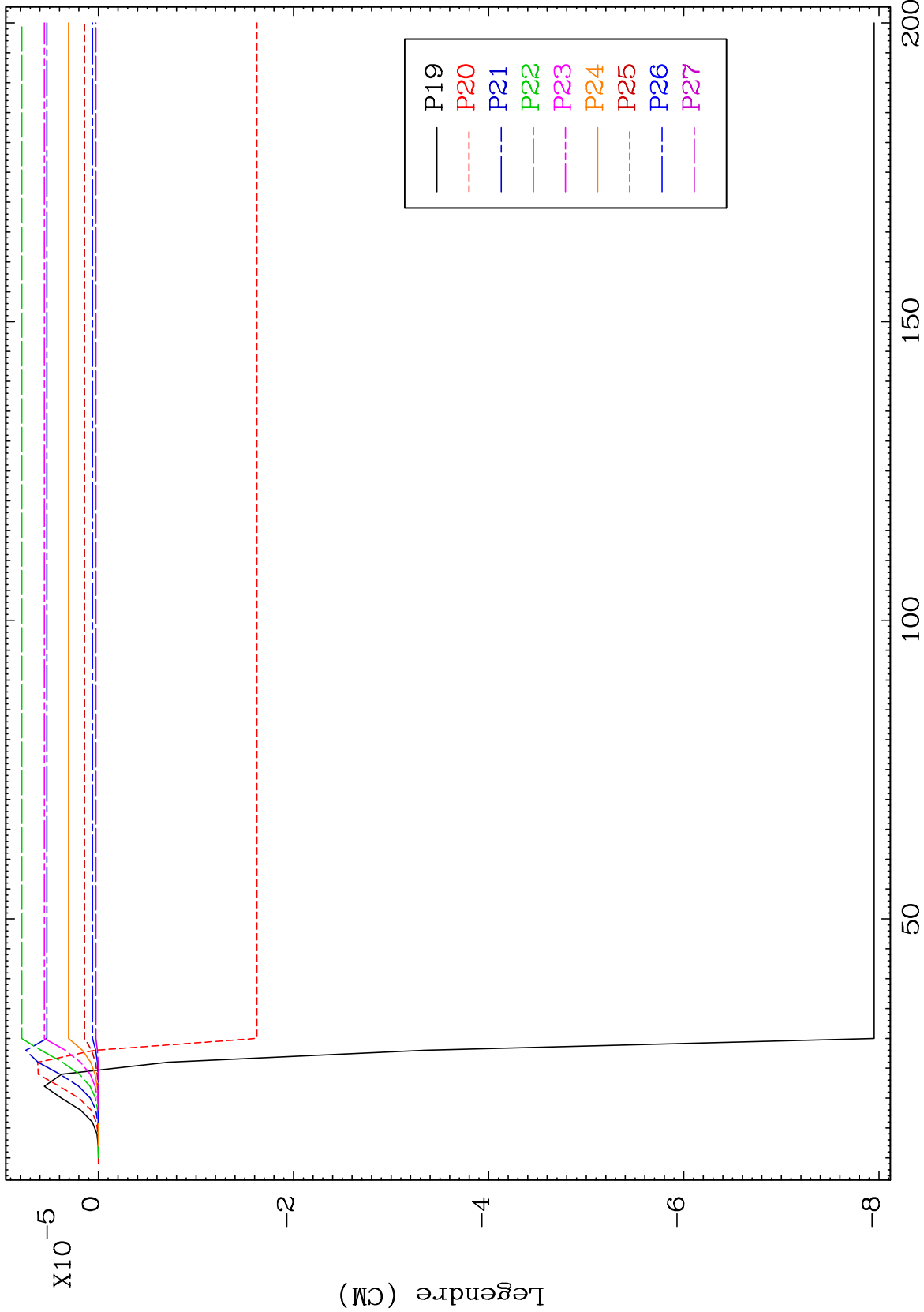
48-Cd-102

MAT 4813

MT= 65 (n,n') Level

48-Cd-102

Legendre Coefficients



76

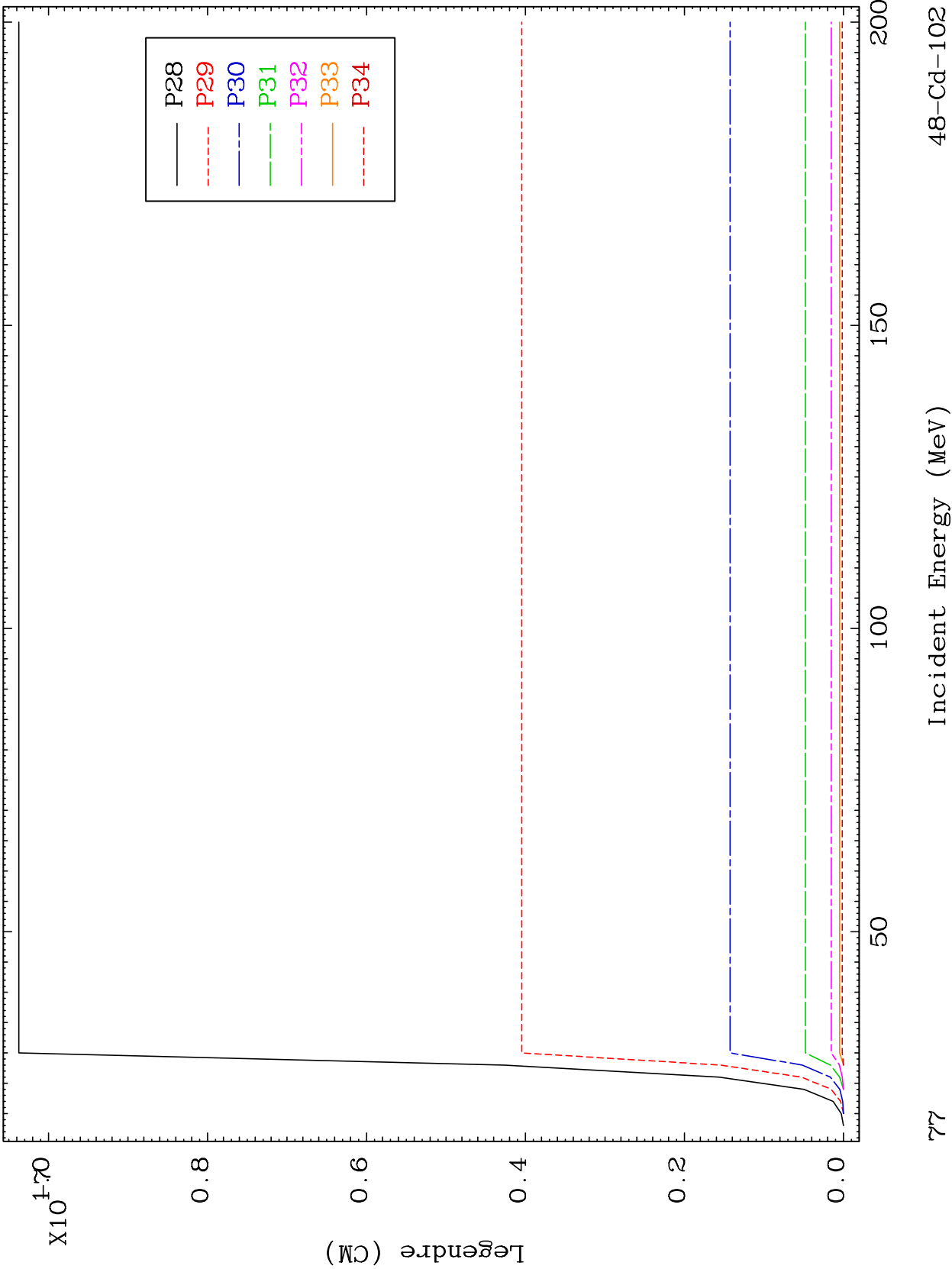
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

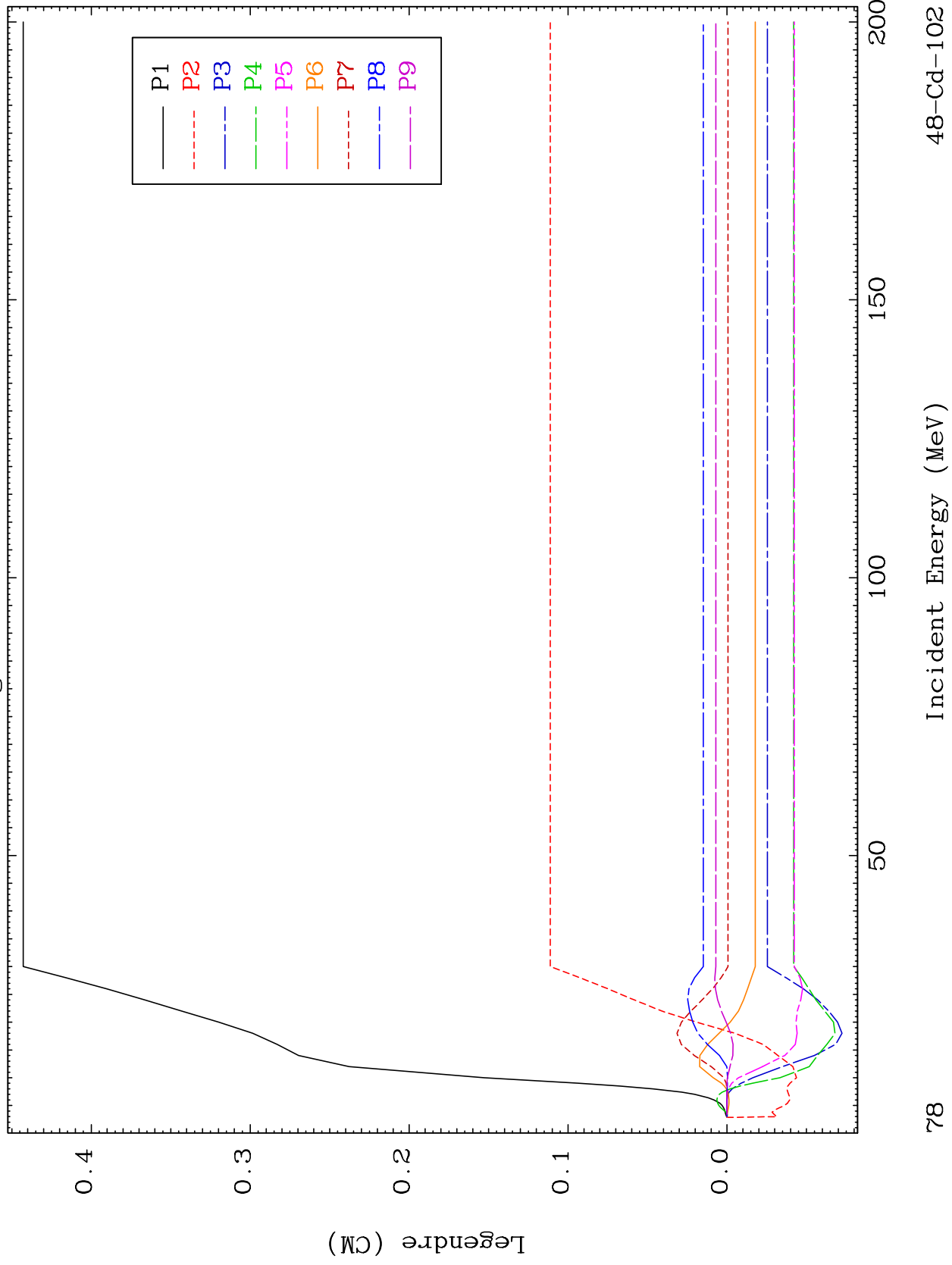
48-Cd-102



MAT 4813

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

48-Cd-102



78

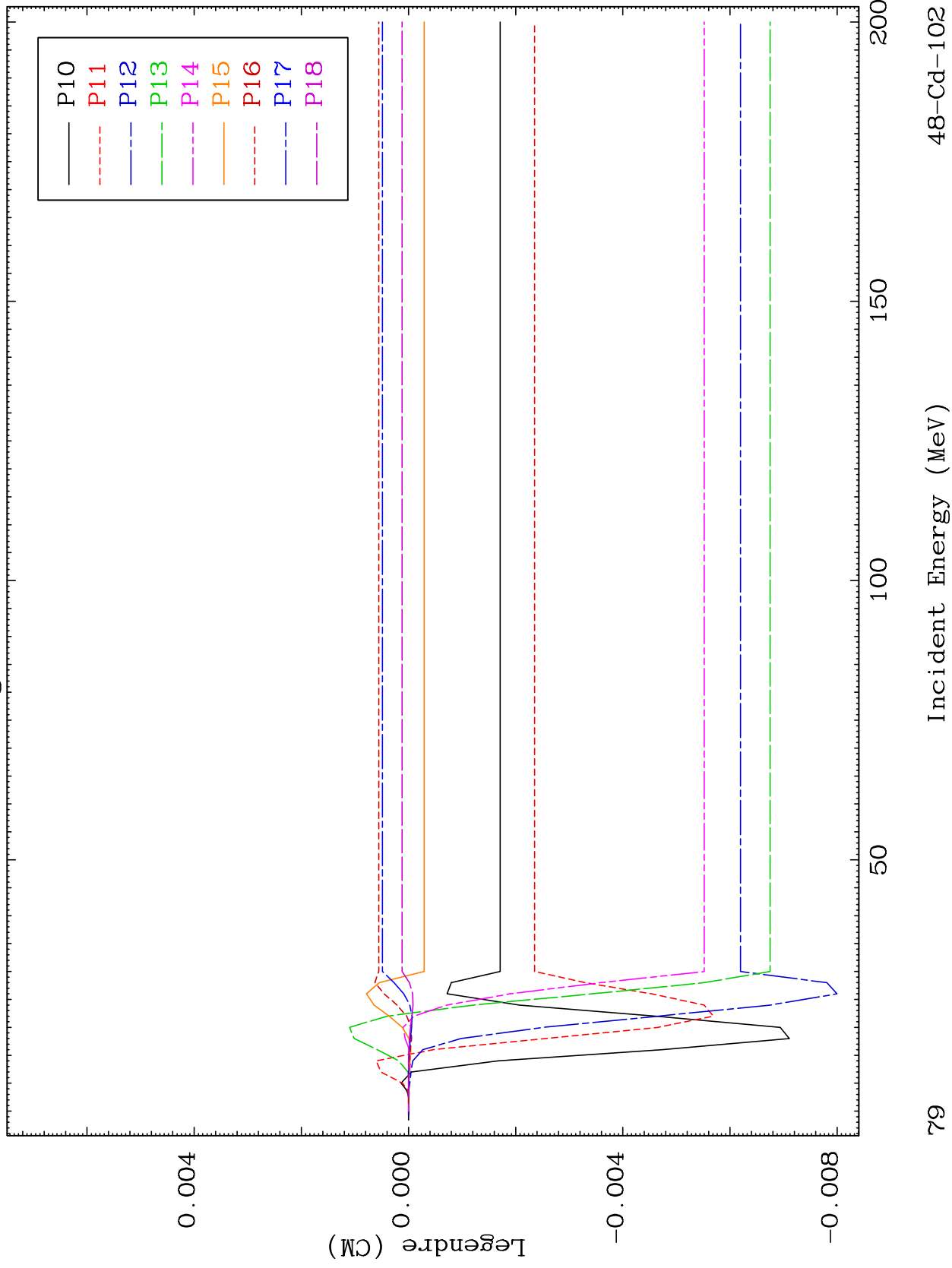
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



79

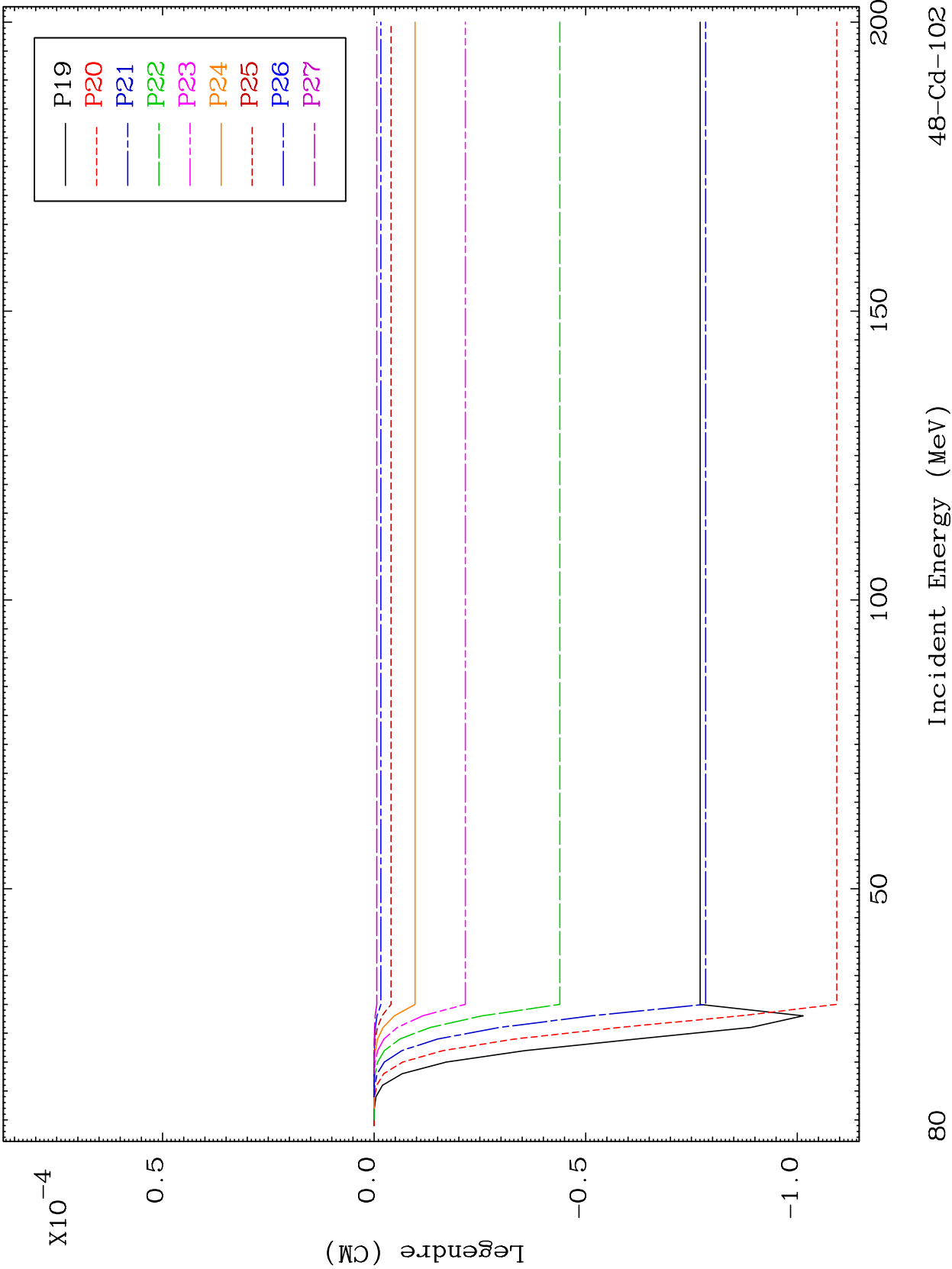
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



48-Cd-102

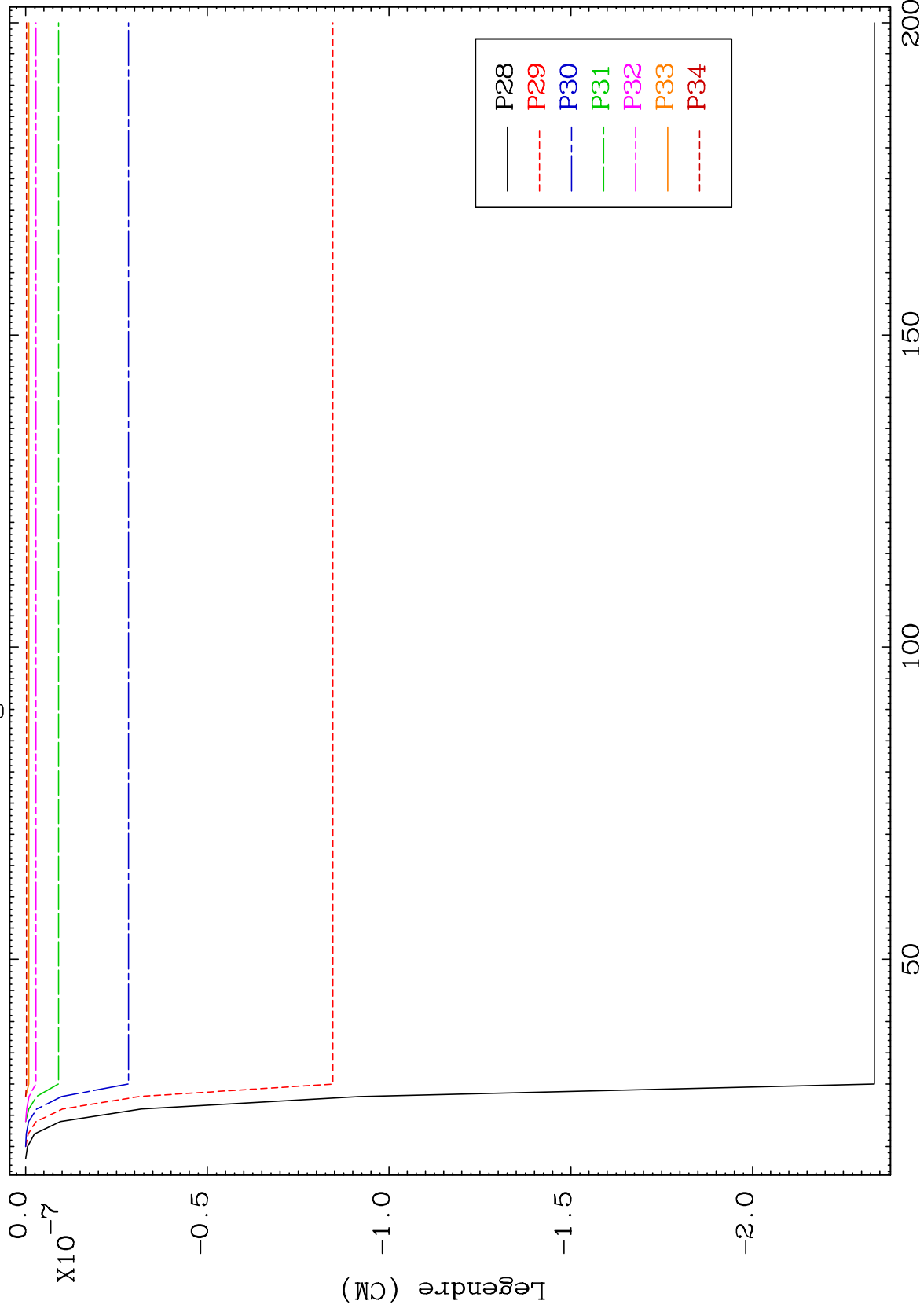
Incident Energy (MeV)

80

MAT 4813

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

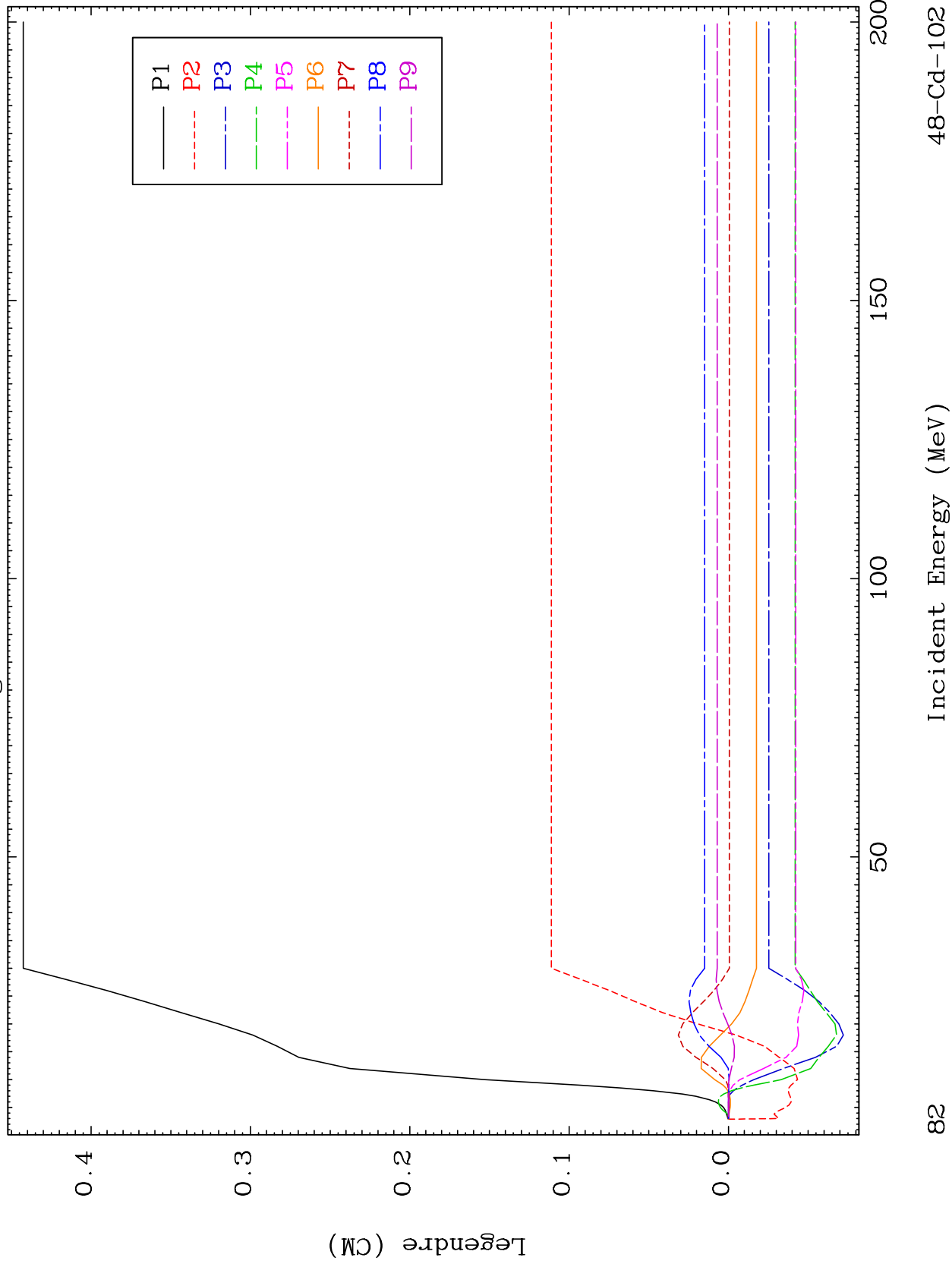
48-Cd-102



MAT 4813

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

48-Cd-102



82

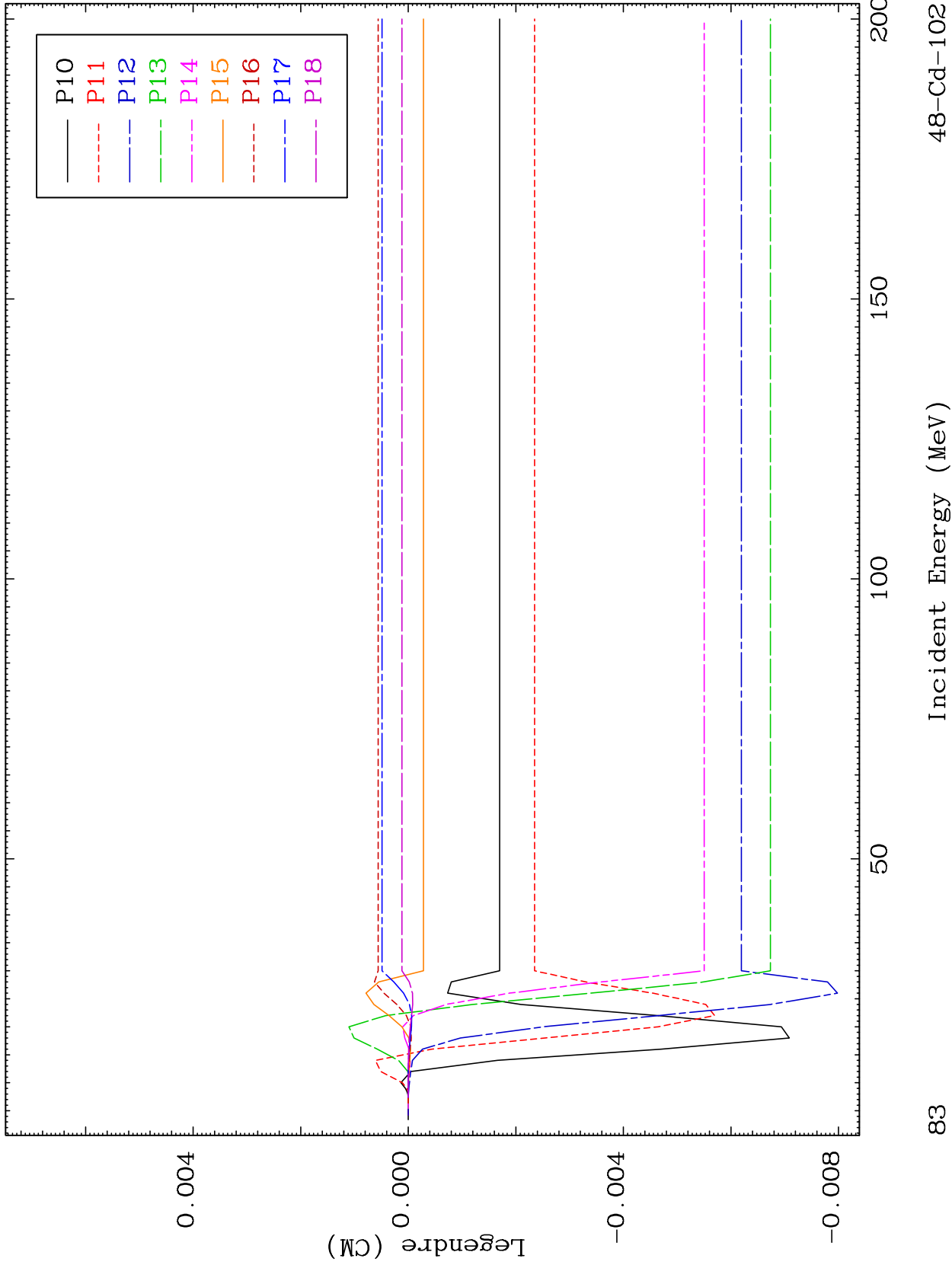
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



83

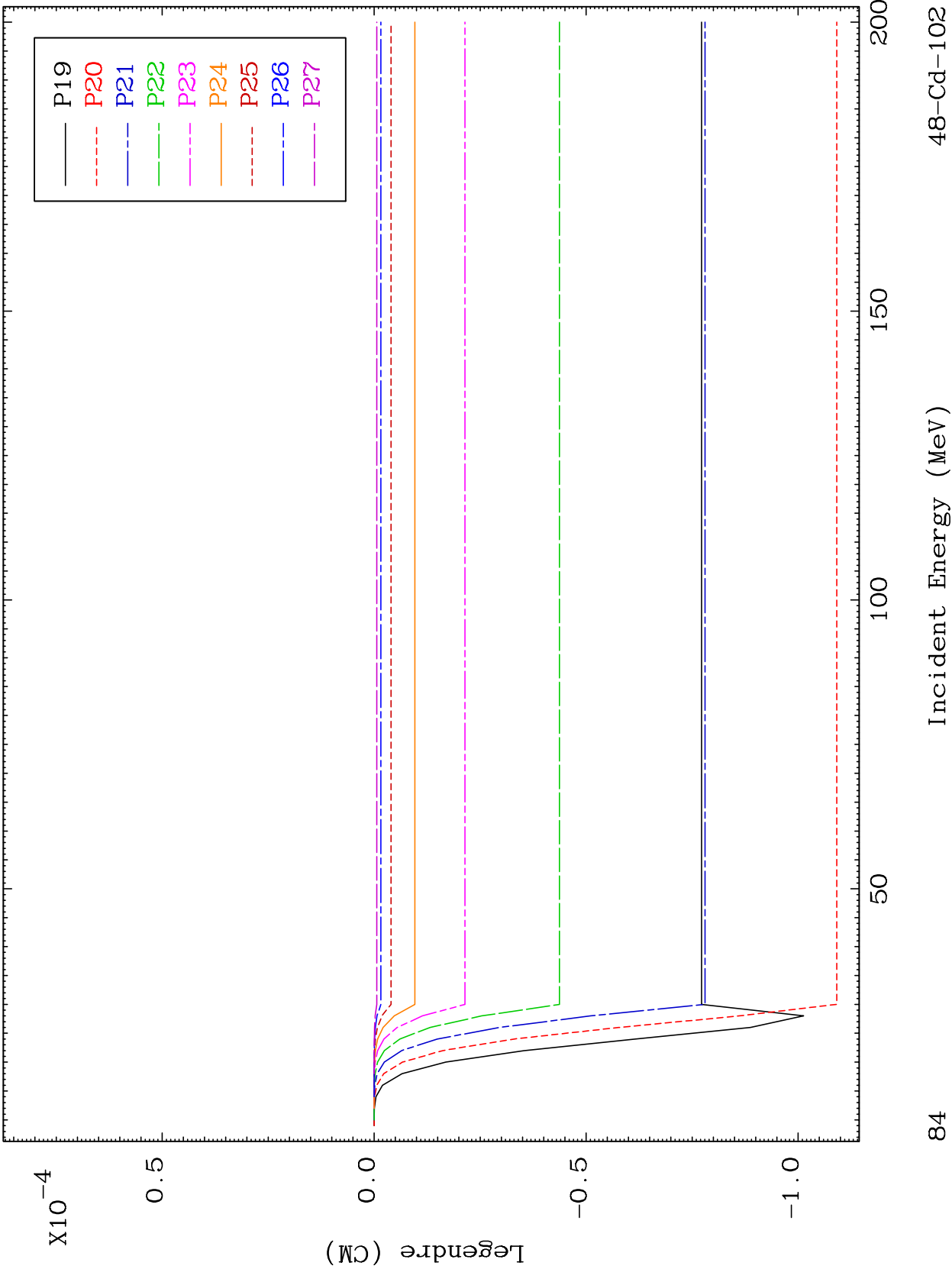
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

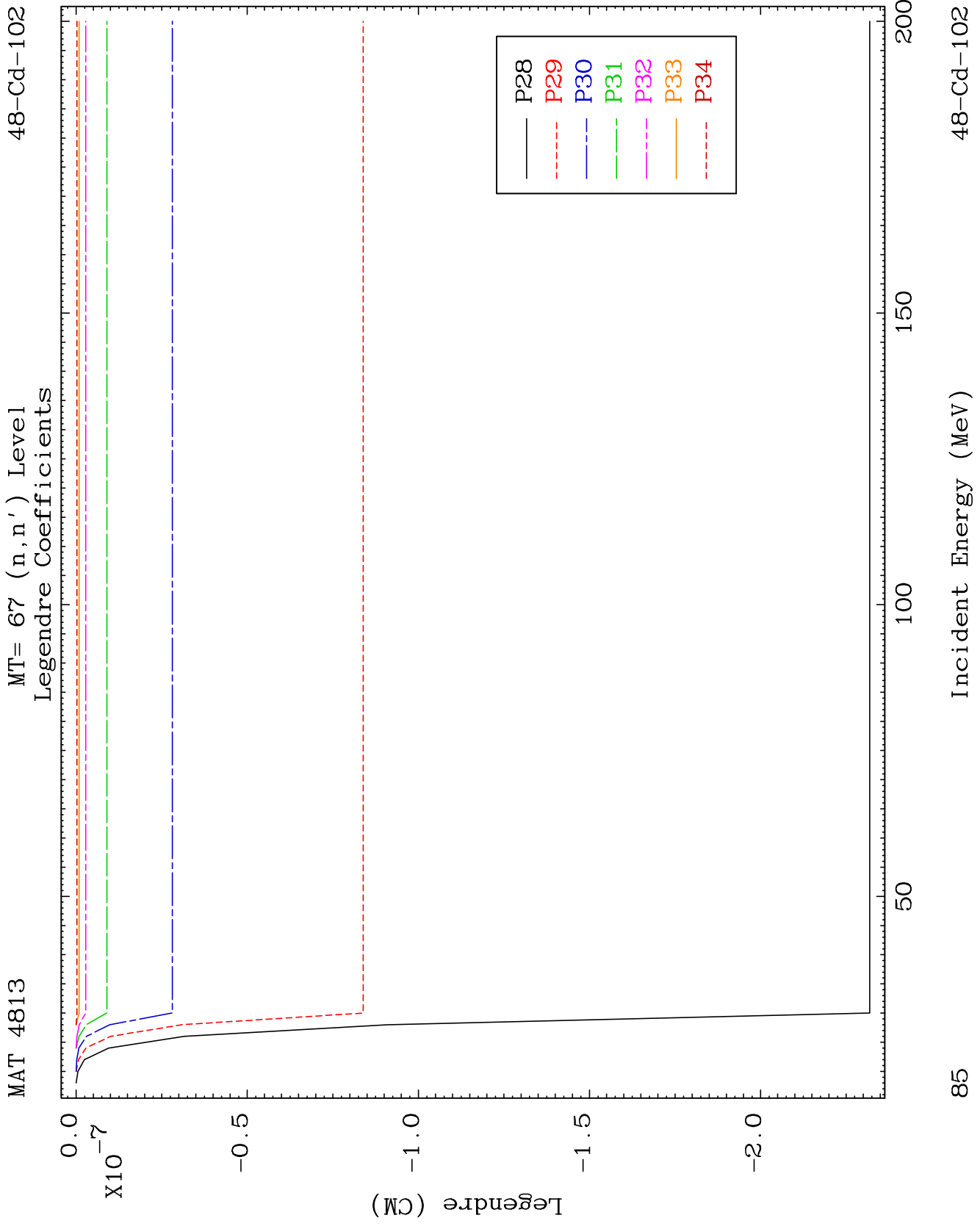
48-Cd-102



84

Incident Energy (MeV)

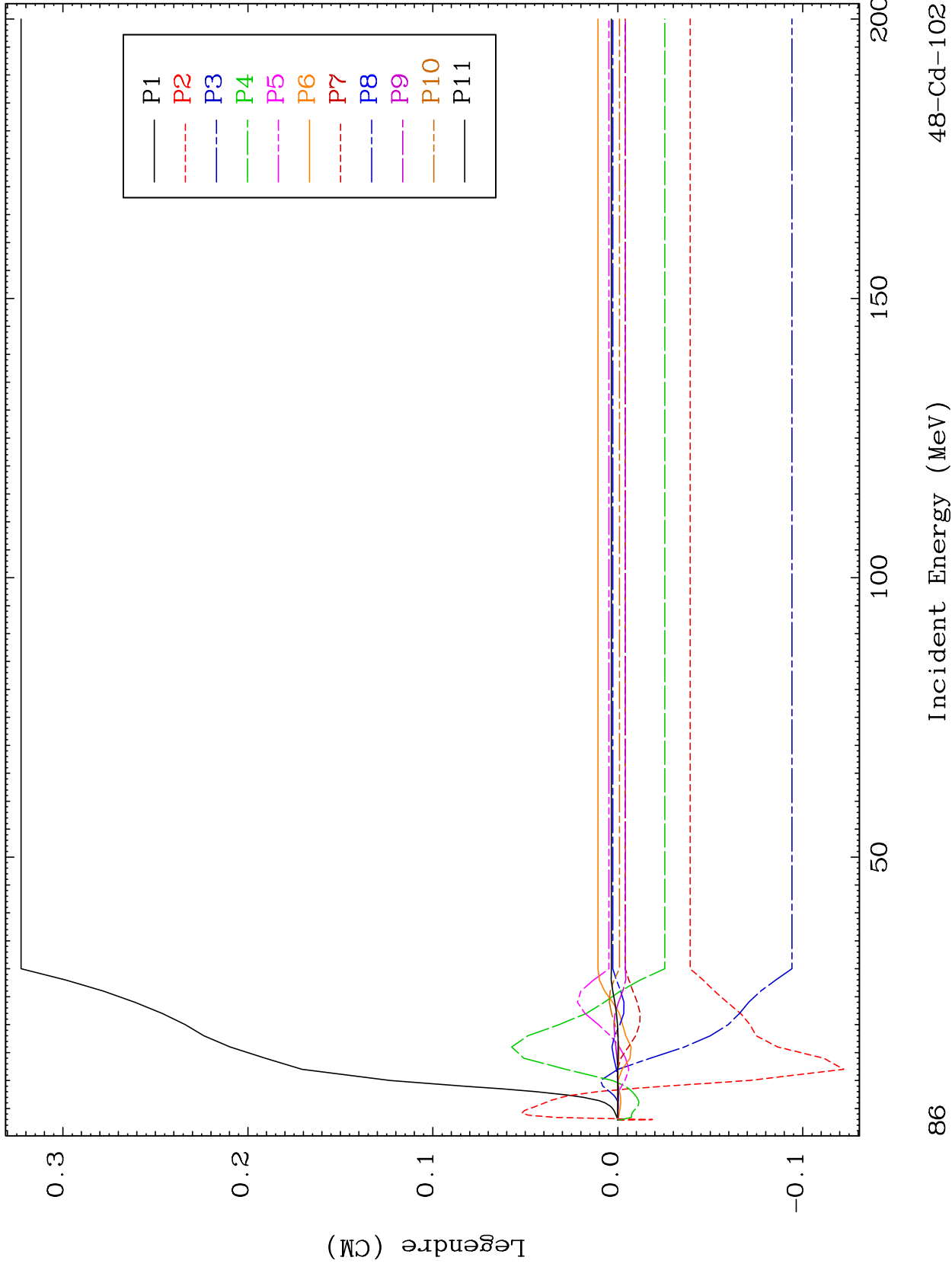
48-Cd-102



MAT 4813

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

48-Cd-102



86

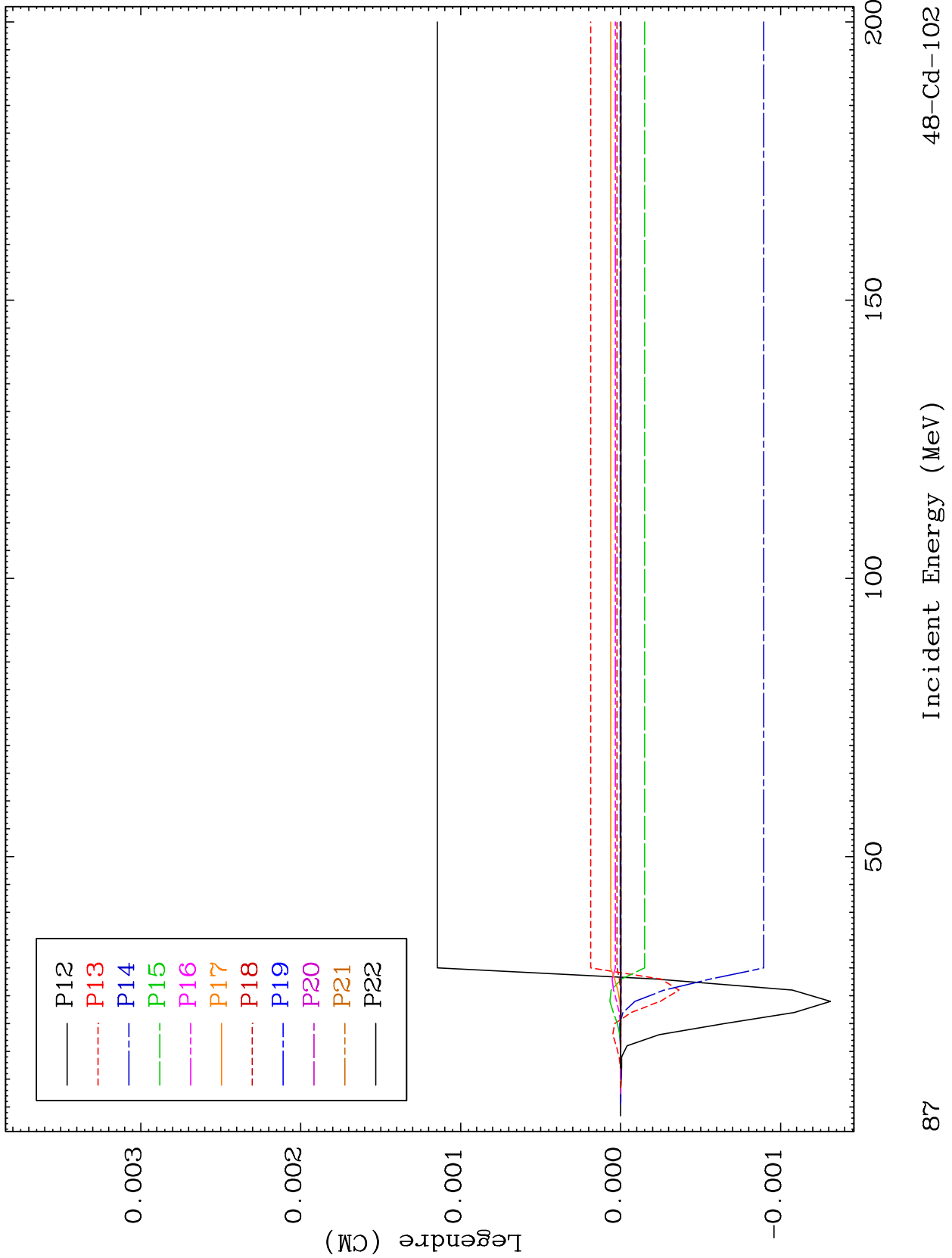
Incident Energy (MeV)

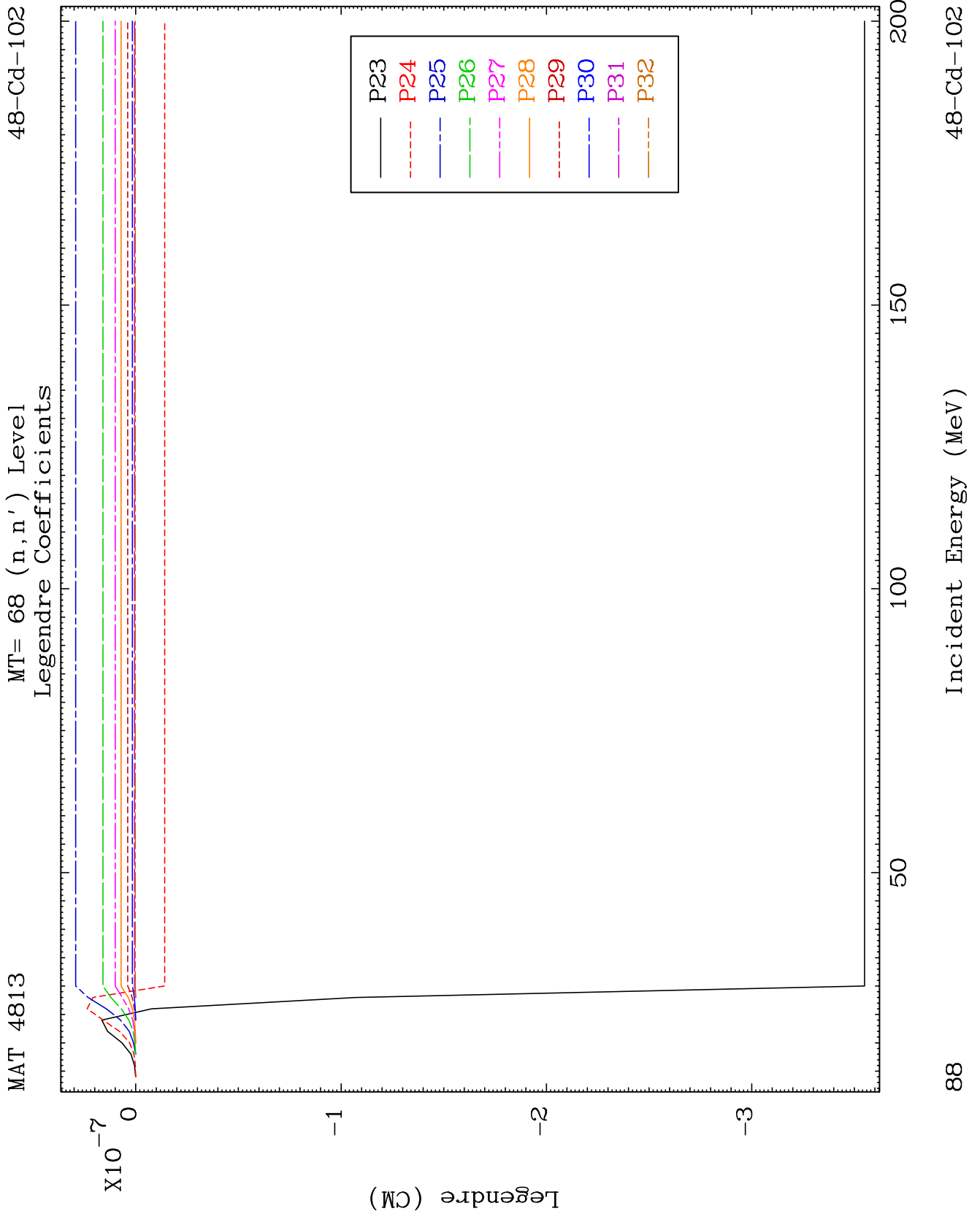
48-Cd-102

MAT 4813

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

48-Cd-102

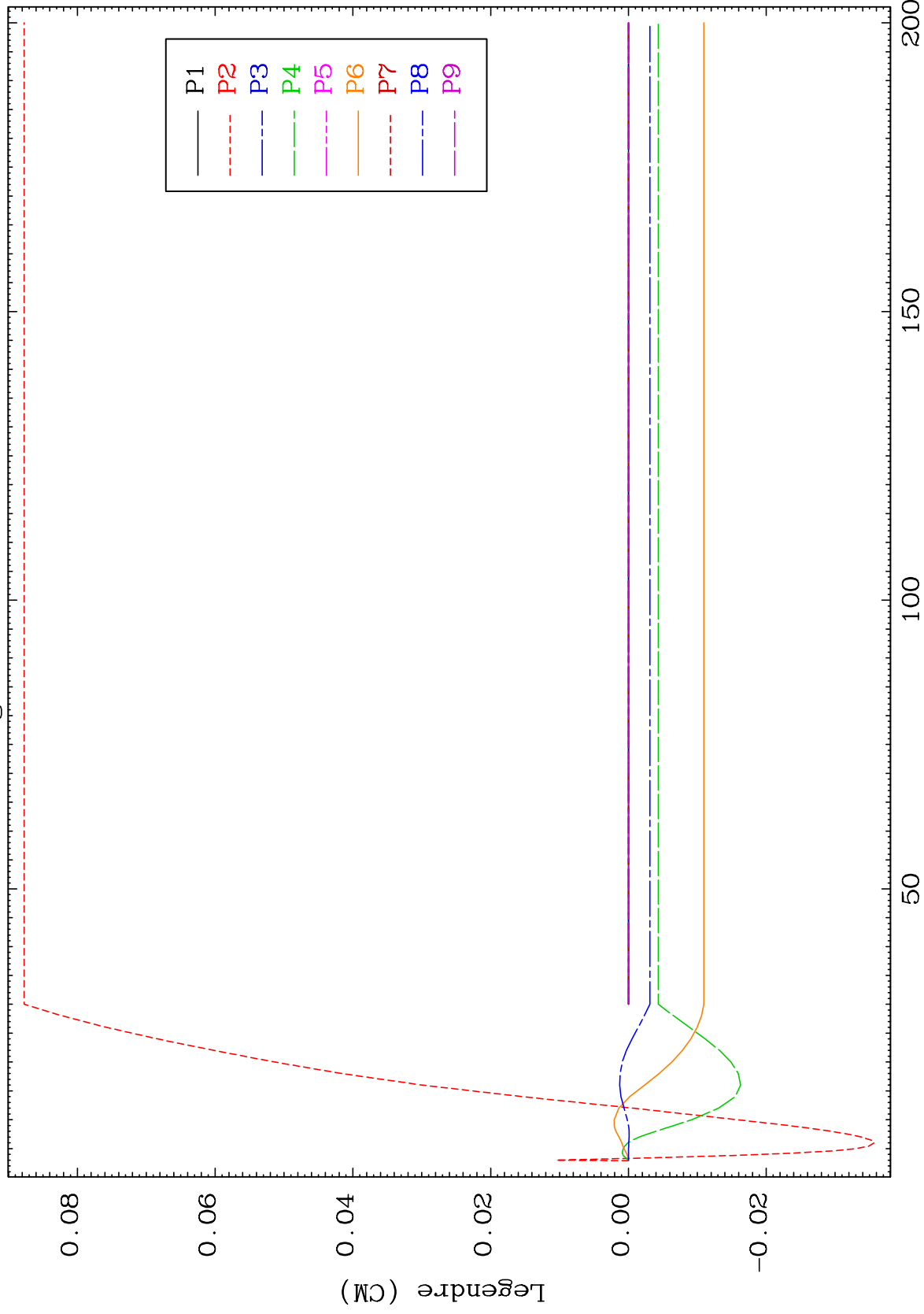




MAT 4813

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

48-Cd-102



89

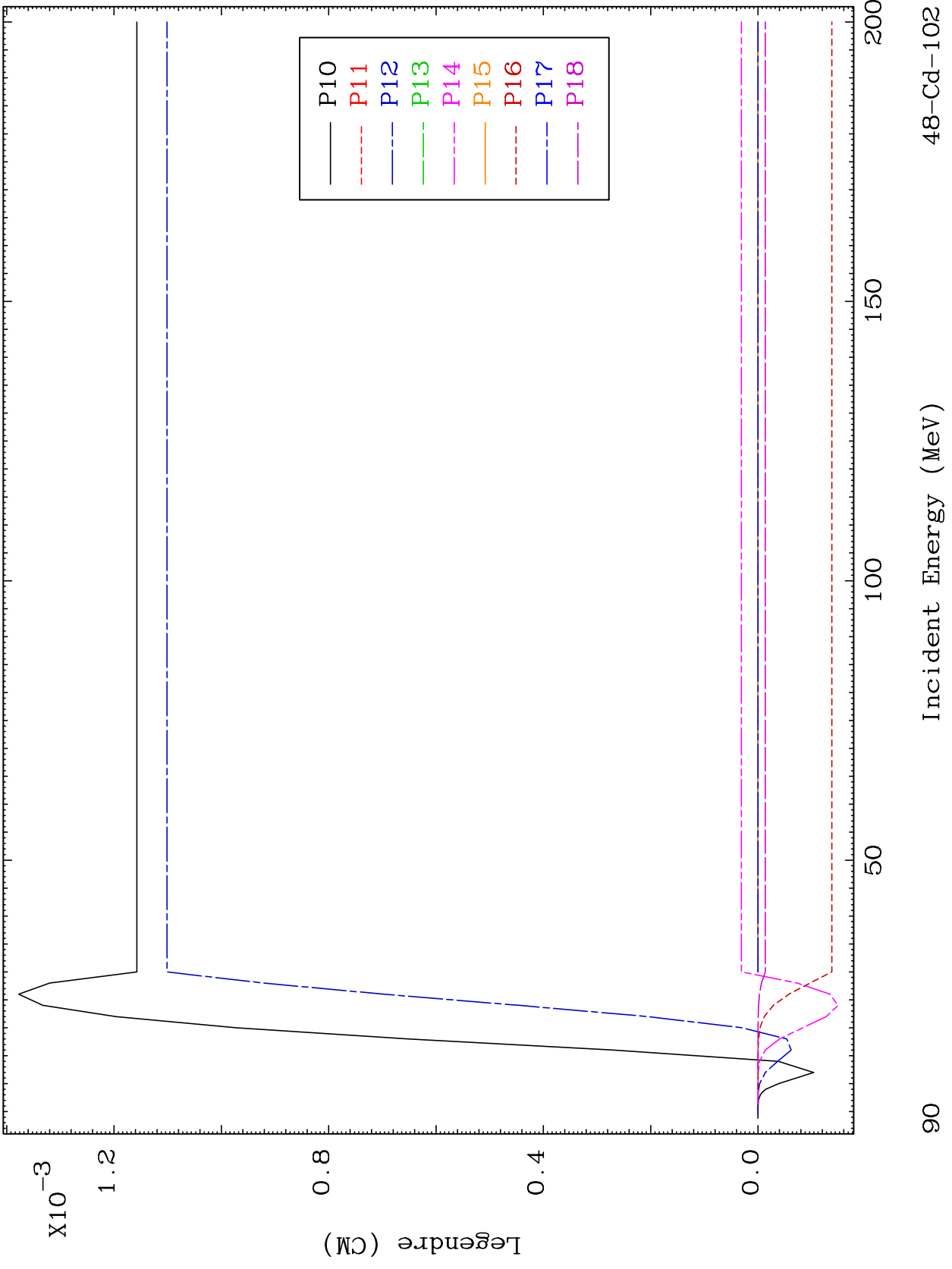
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

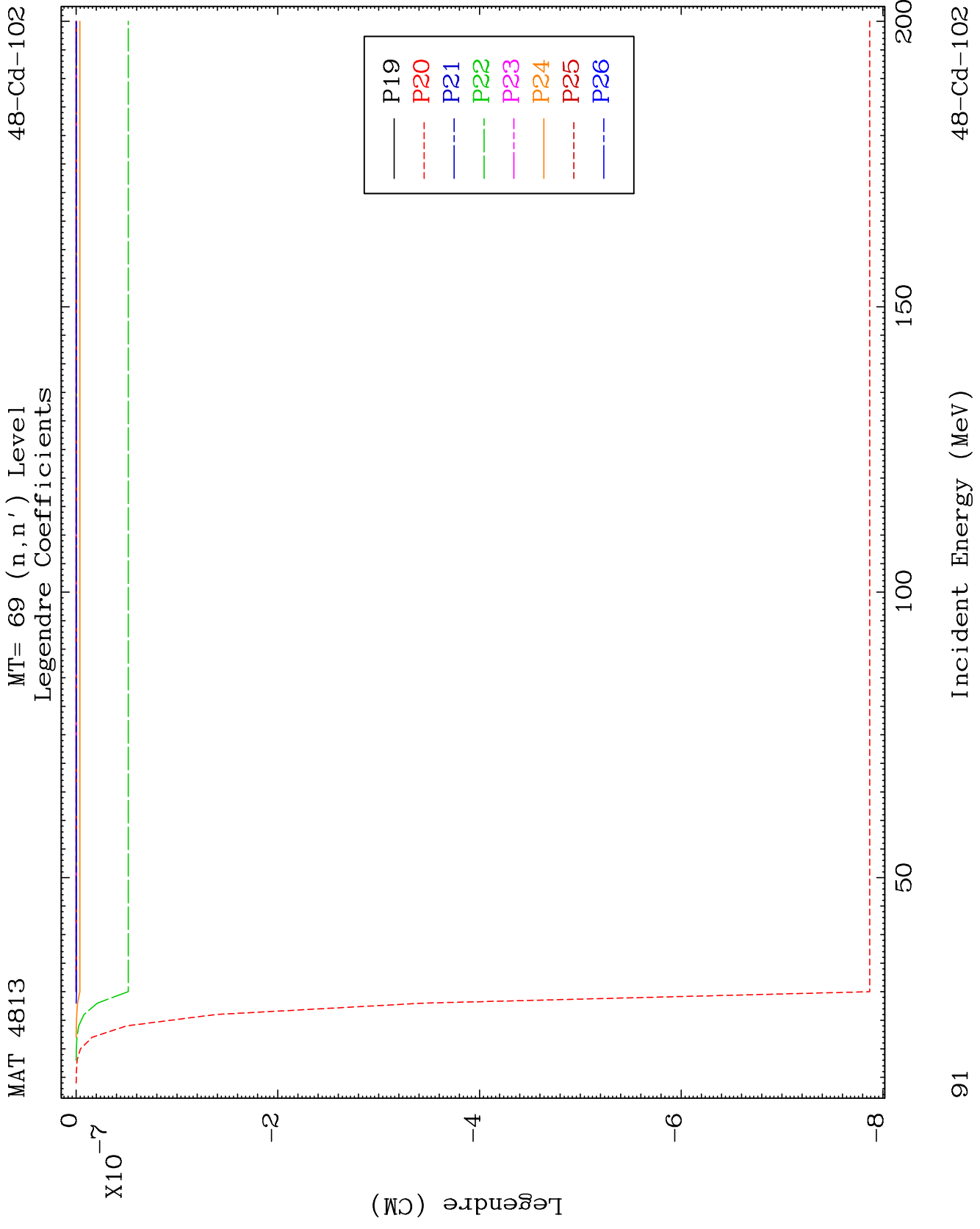
48-Cd-102



90

Incident Energy (MeV)

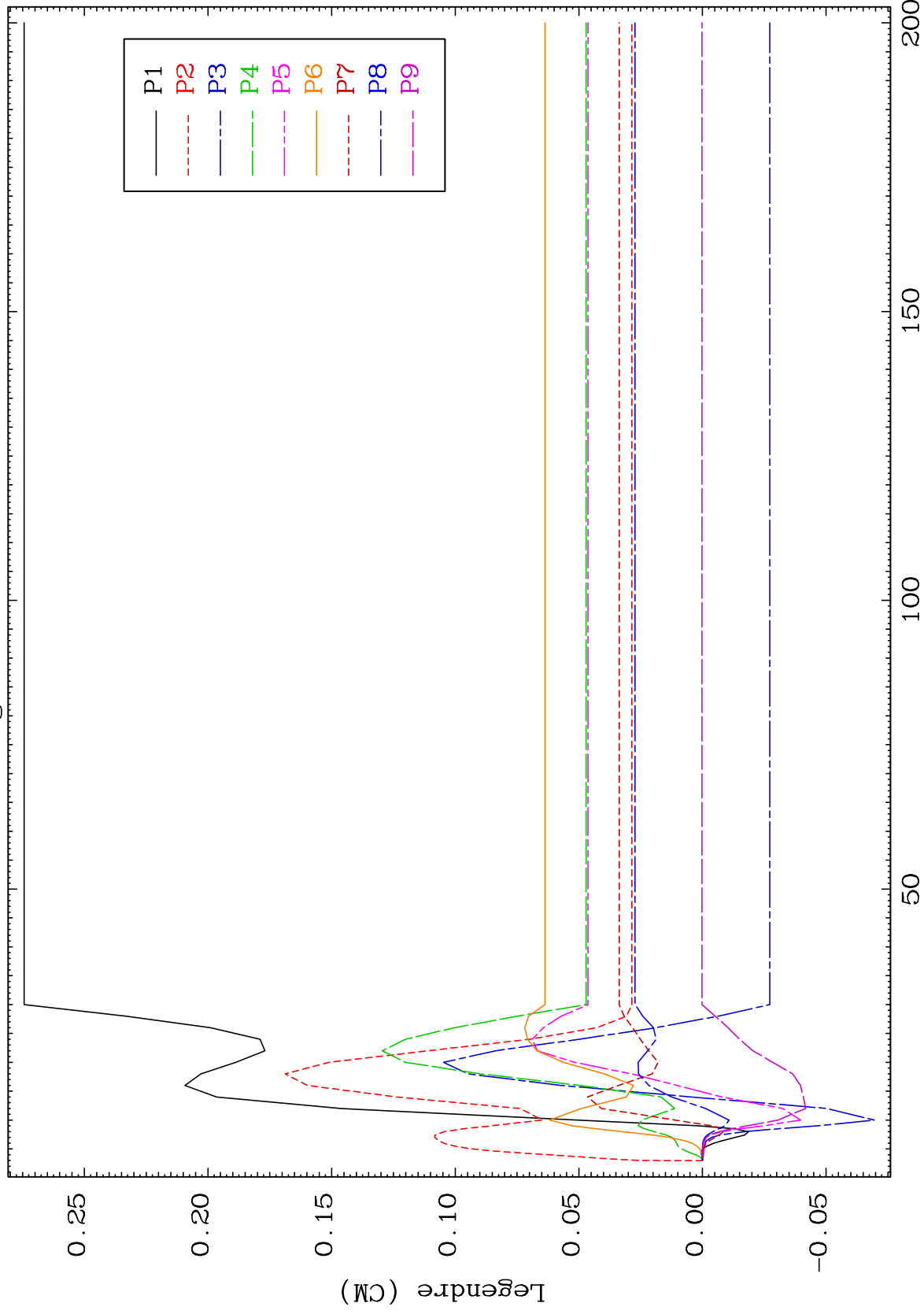
48-Cd-102



MAT 4813

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

48-Cd-102



92

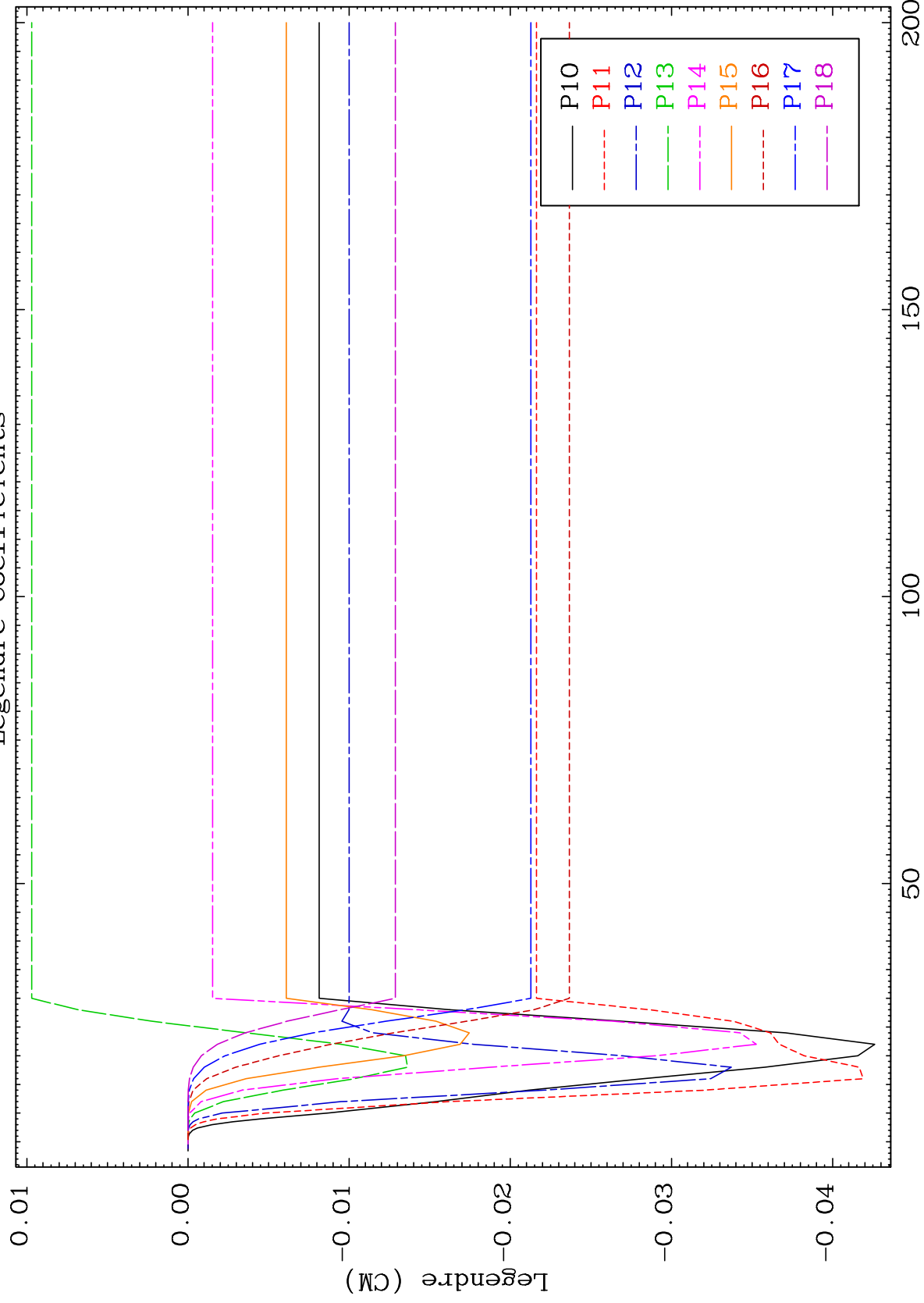
Incident Energy (MeV)

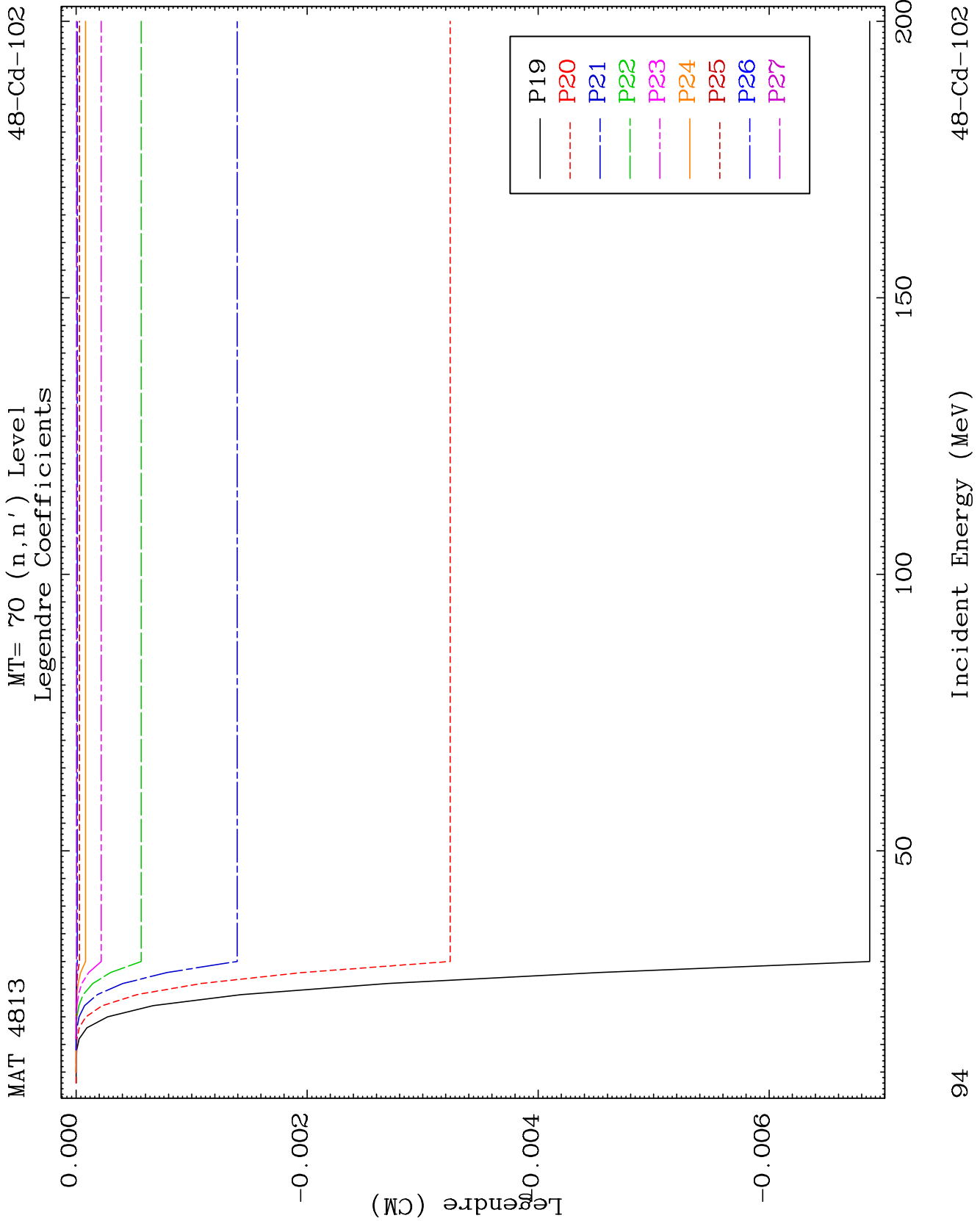
48-Cd-102

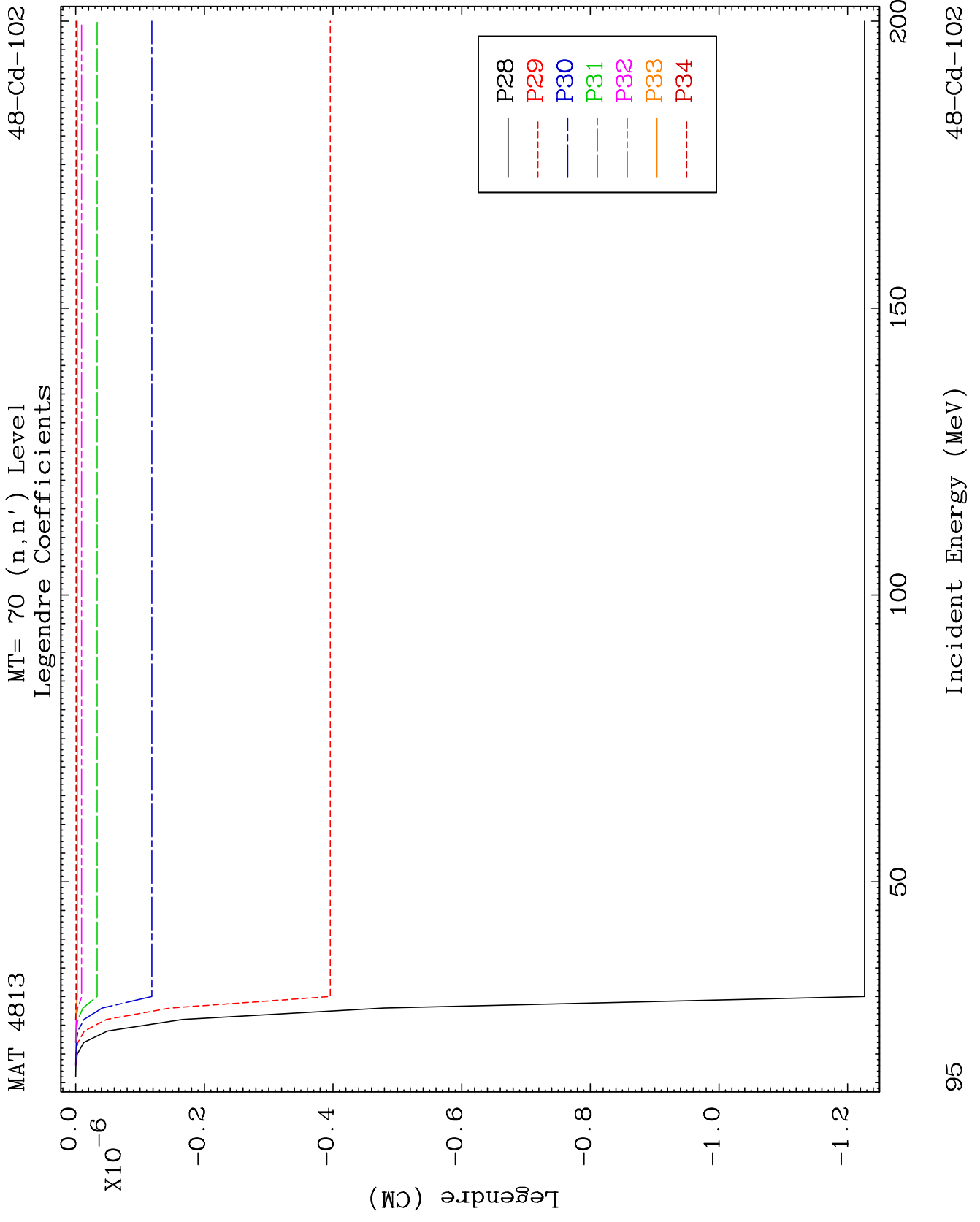
MAT 4813

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

48-Cd-102



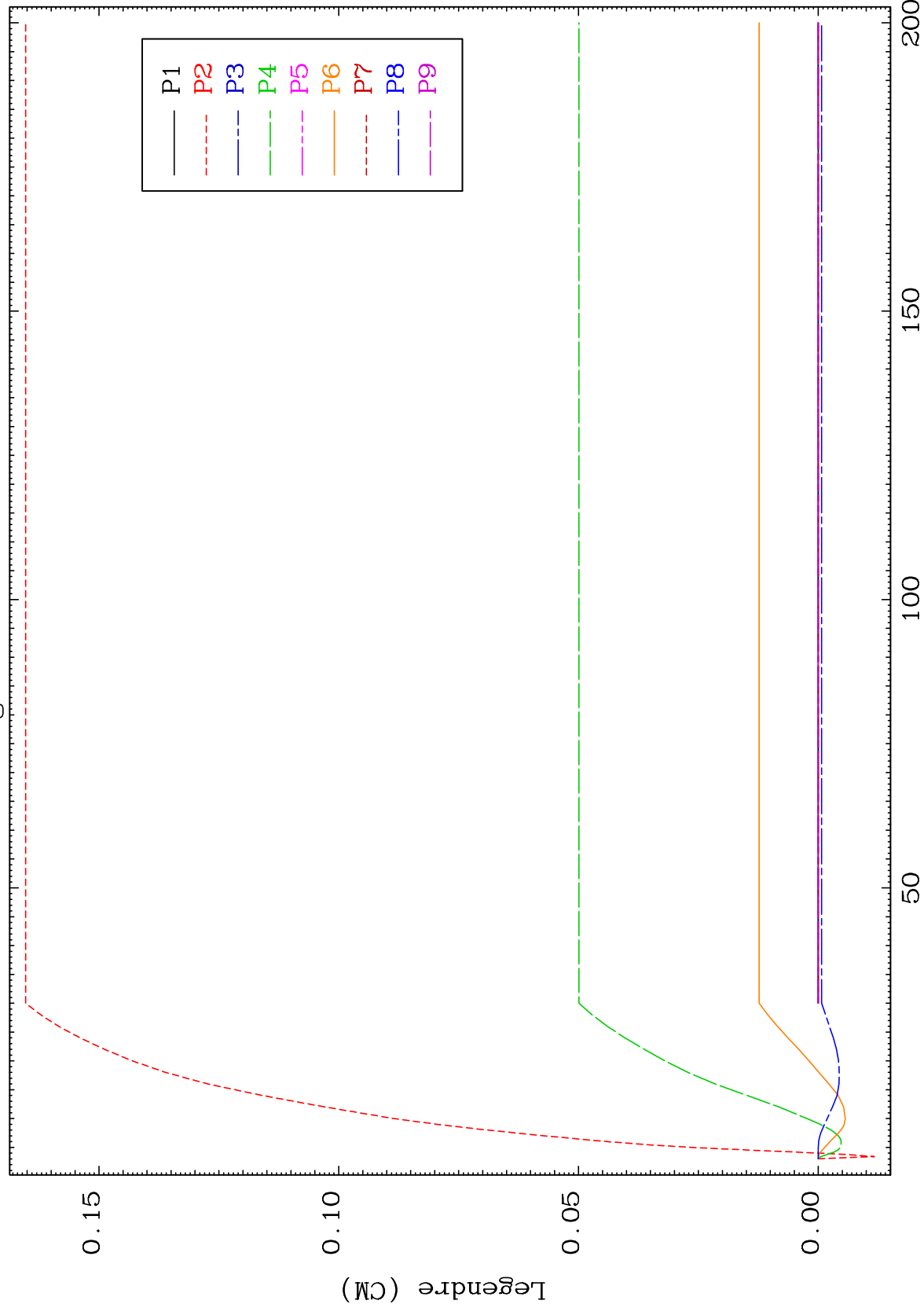




MAT 4813

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

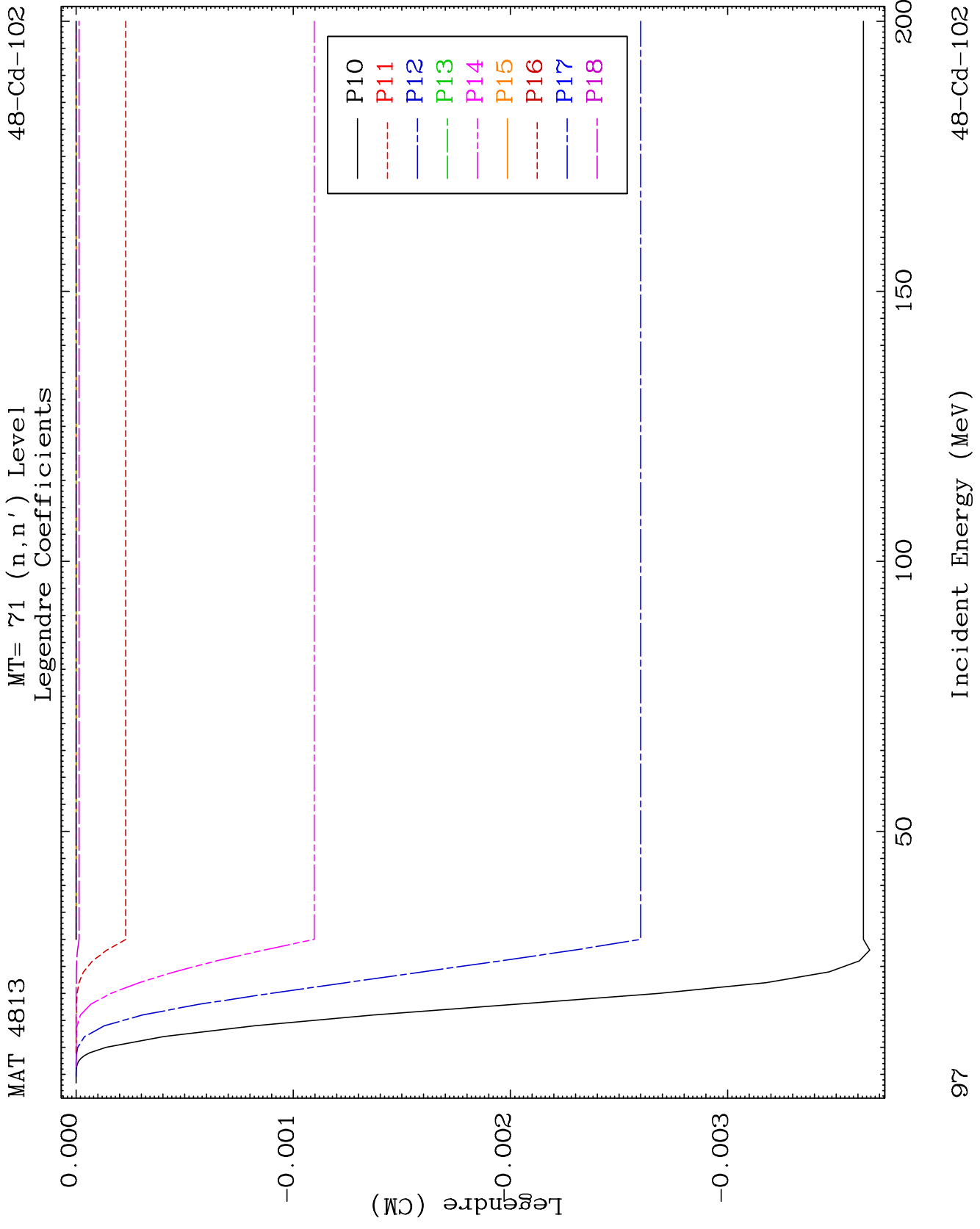
48-Cd-102



96

Incident Energy (MeV)

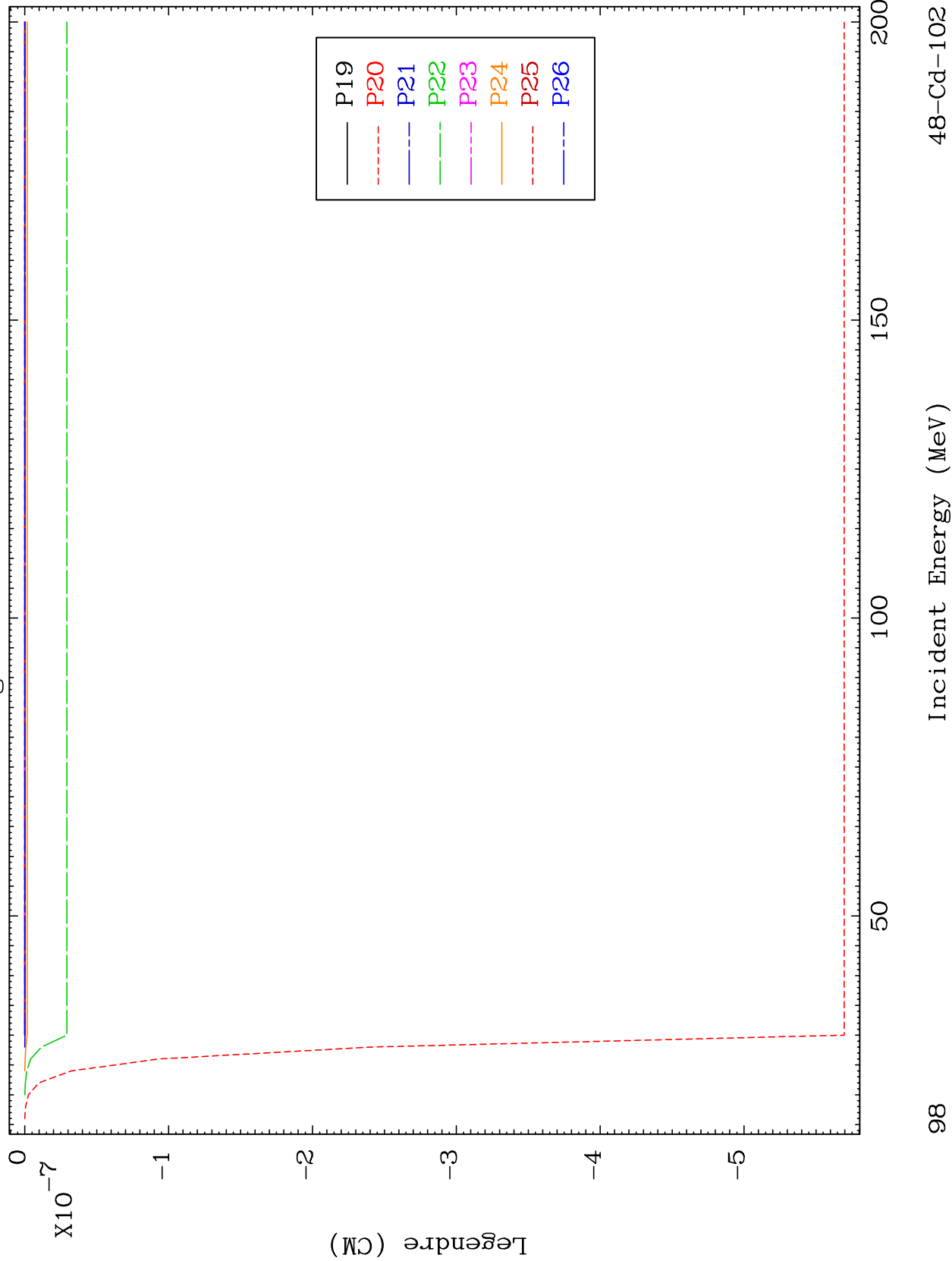
48-Cd-102



MAT 4813

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

48-Cd-102



98

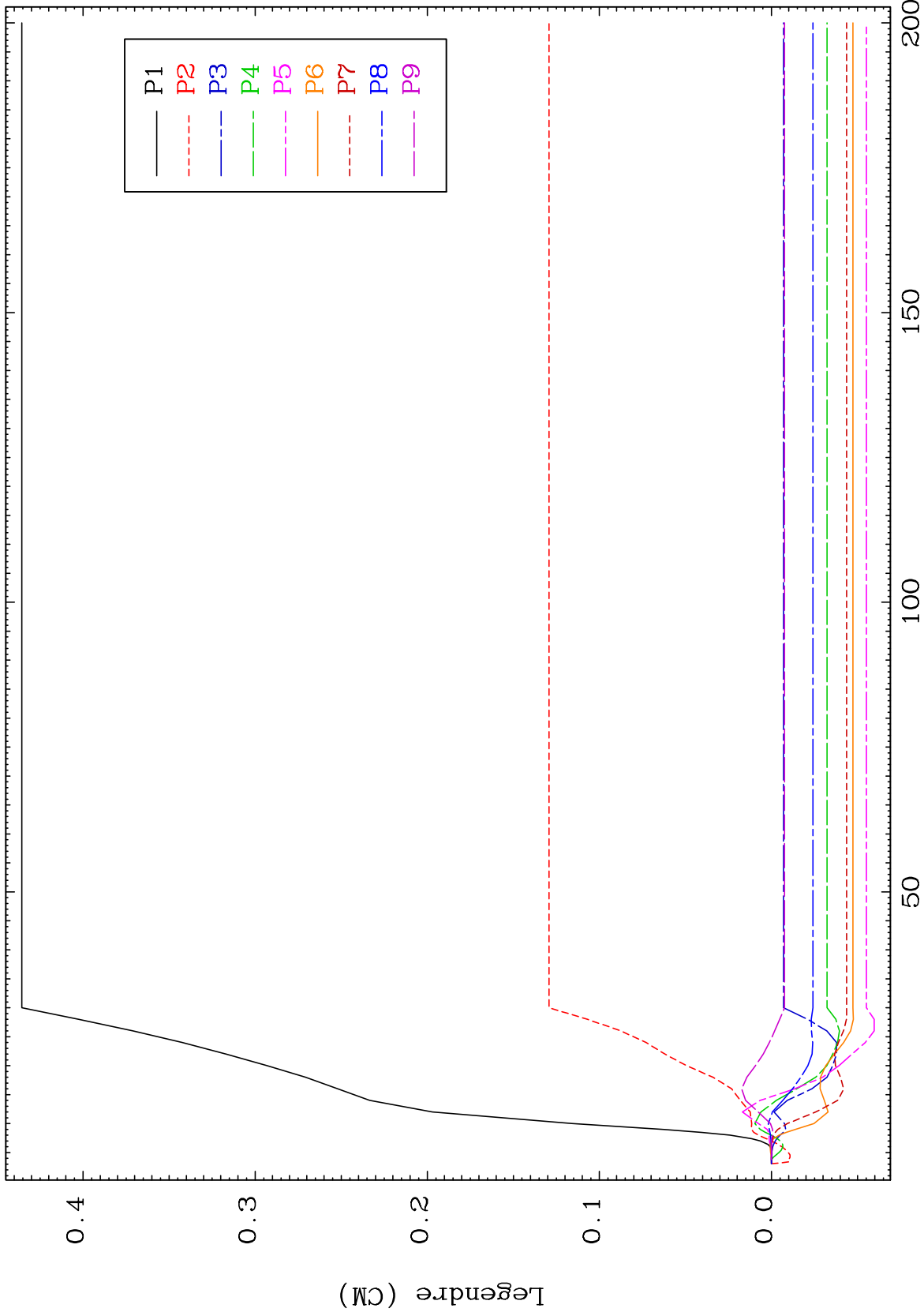
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

48-Cd-102



99

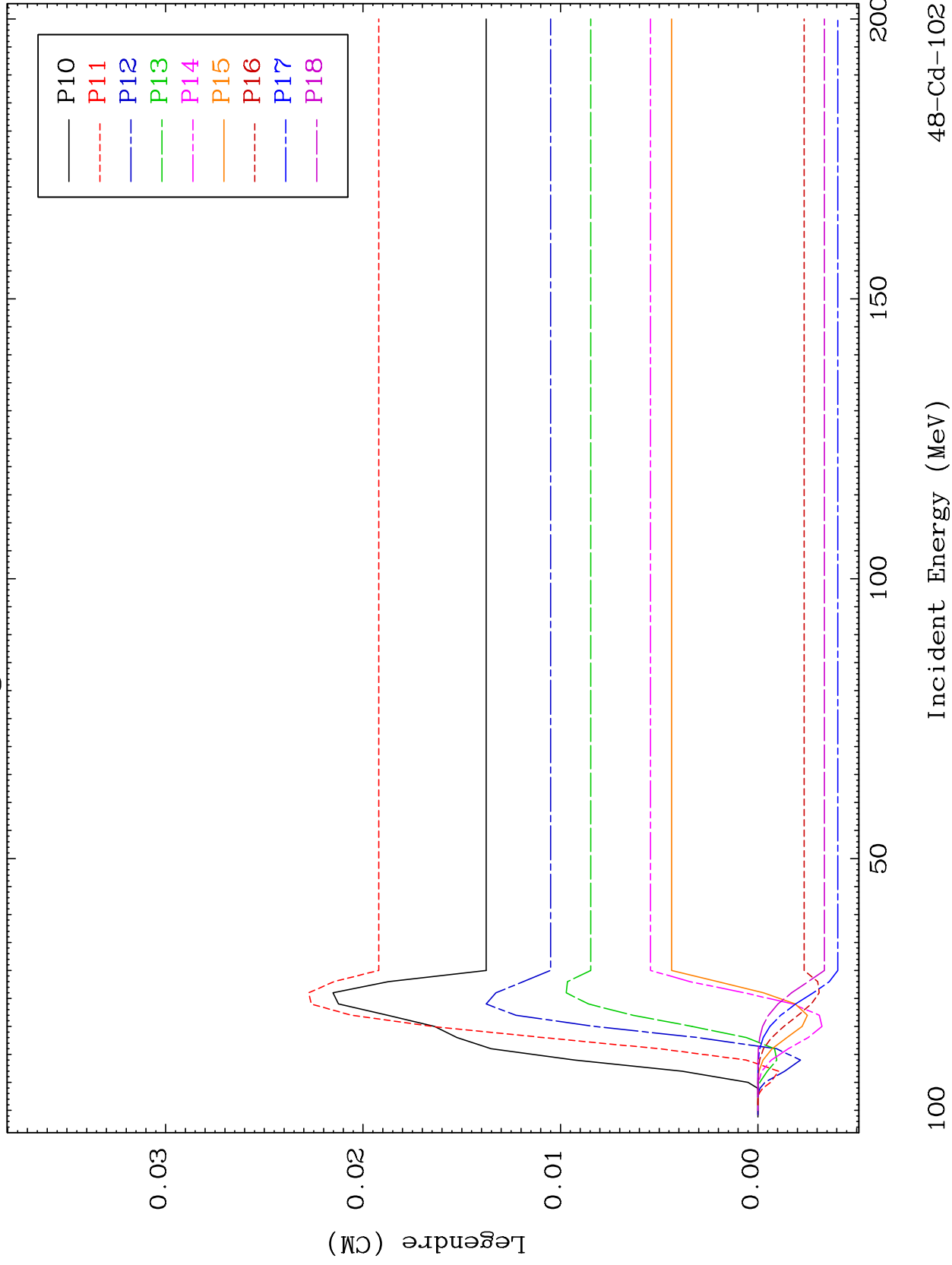
Incident Energy (MeV)

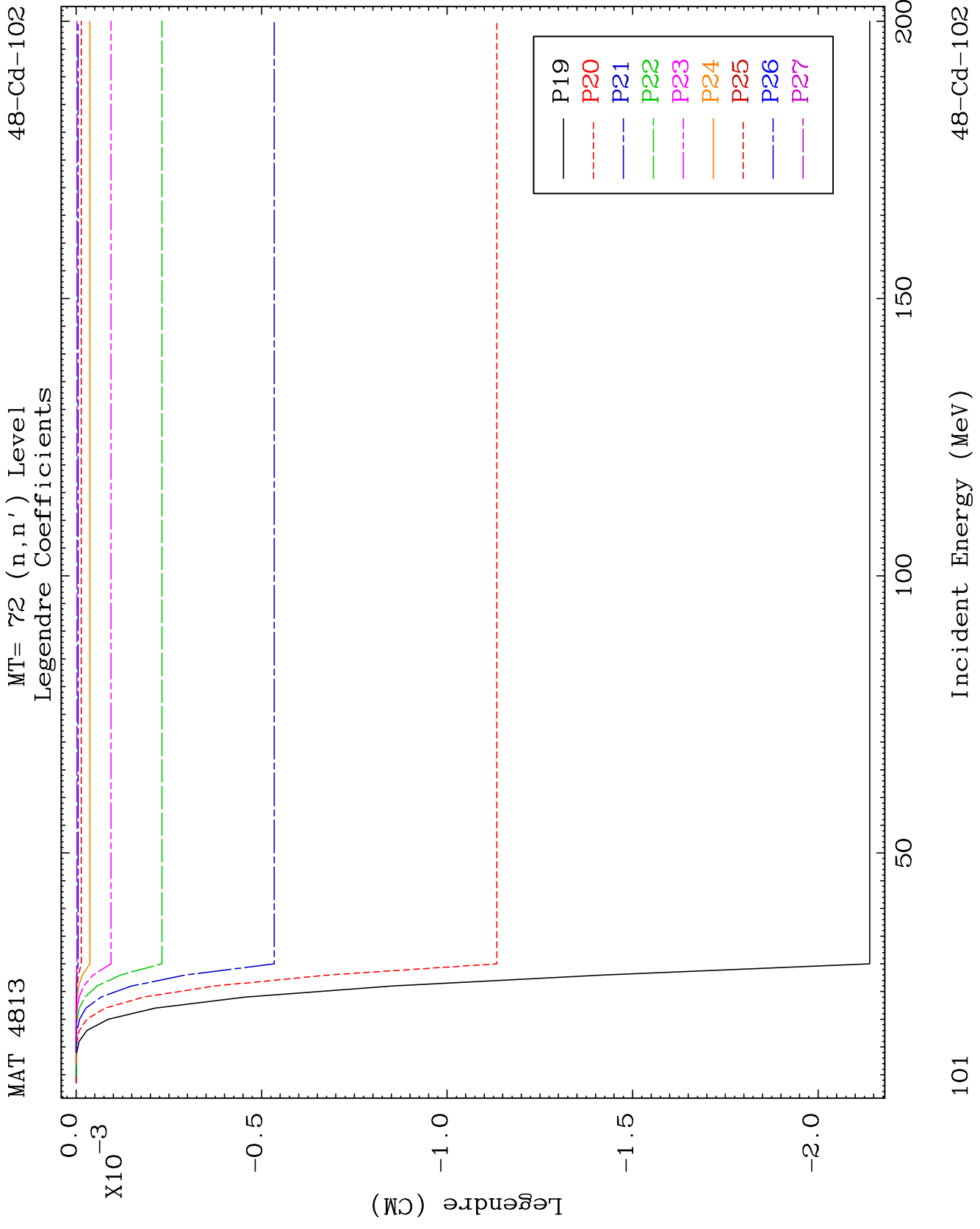
48-Cd-102

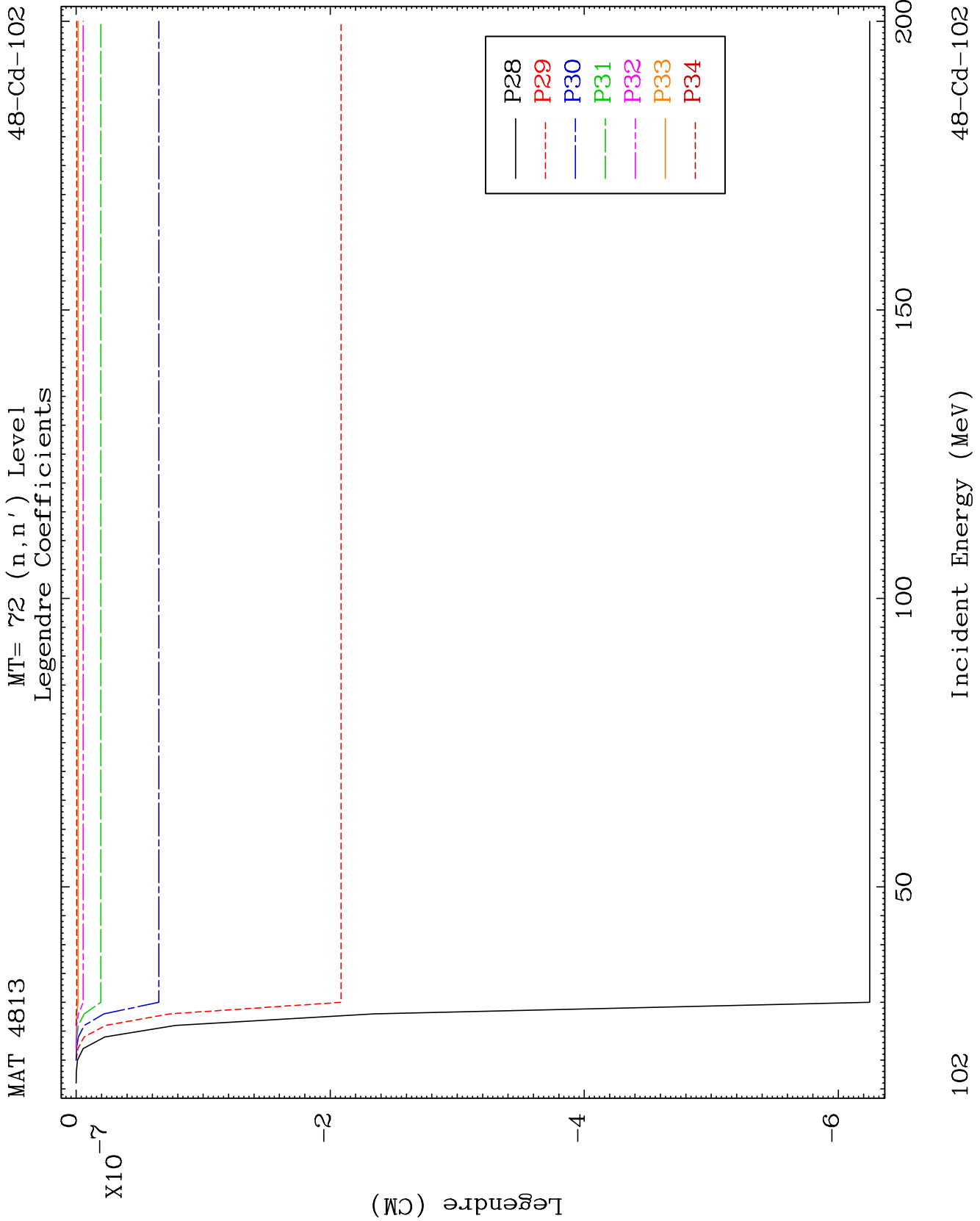
MAT 4813

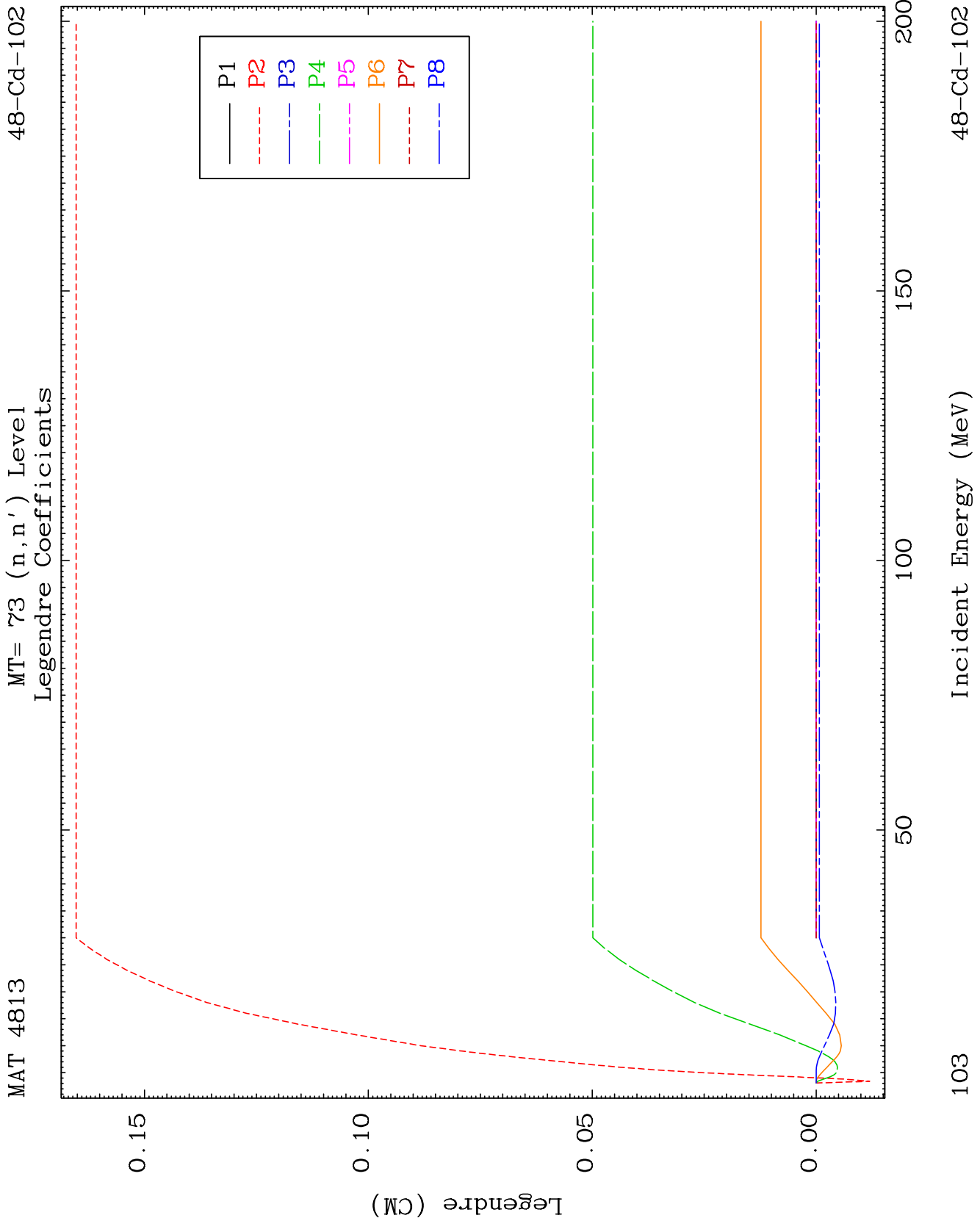
MT= 72 (n,n') Level
Legendre Coefficients

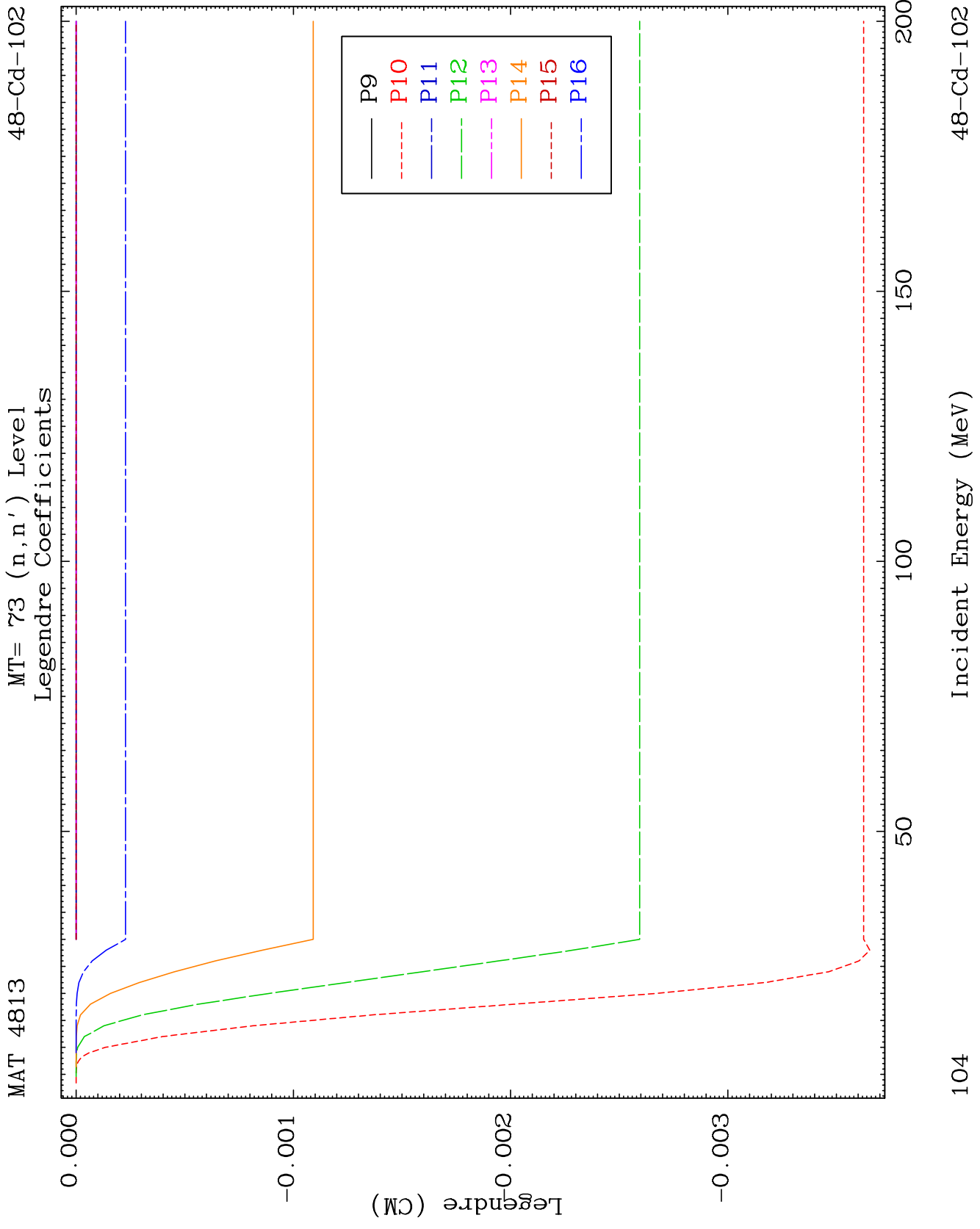
48-Cd-102

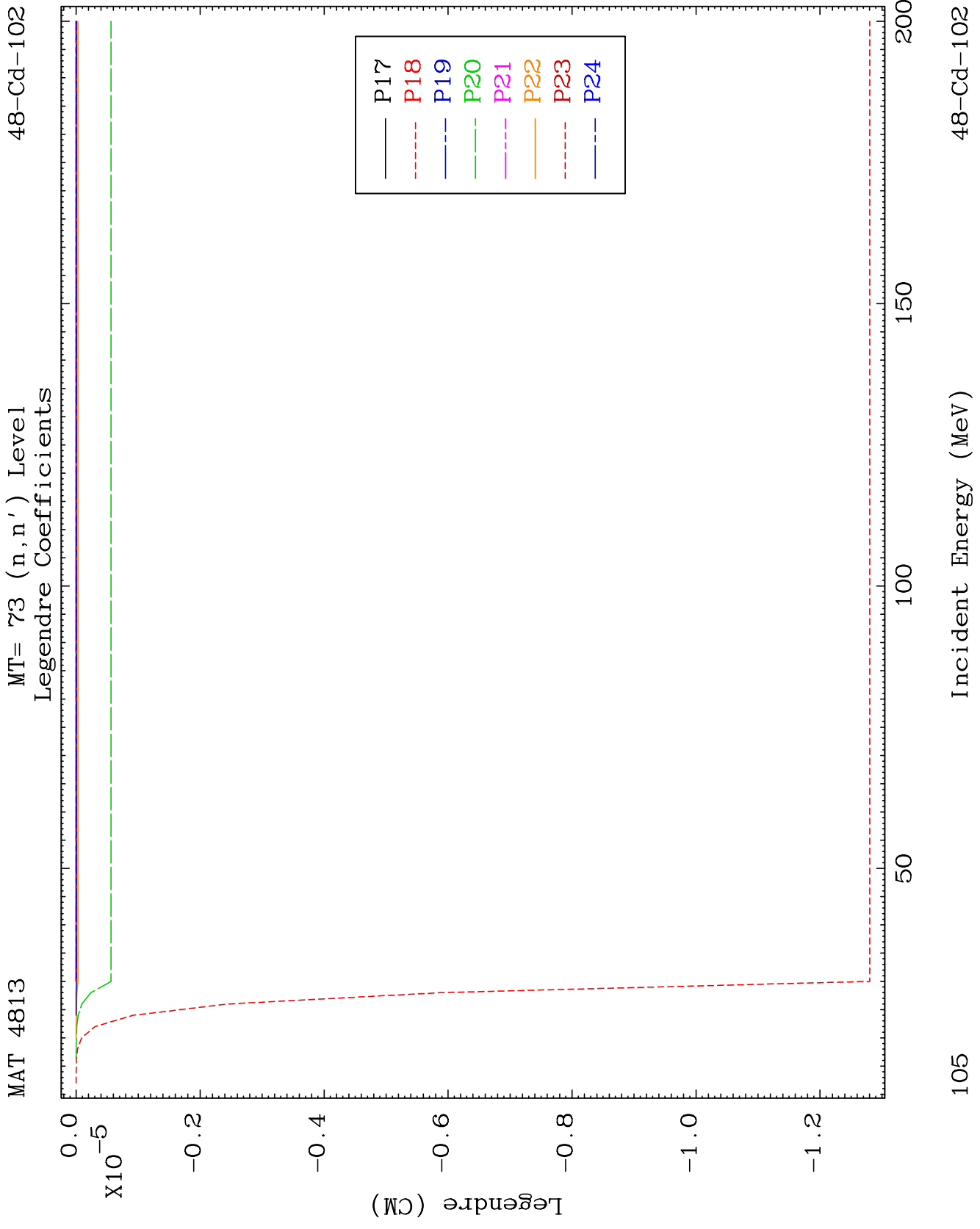








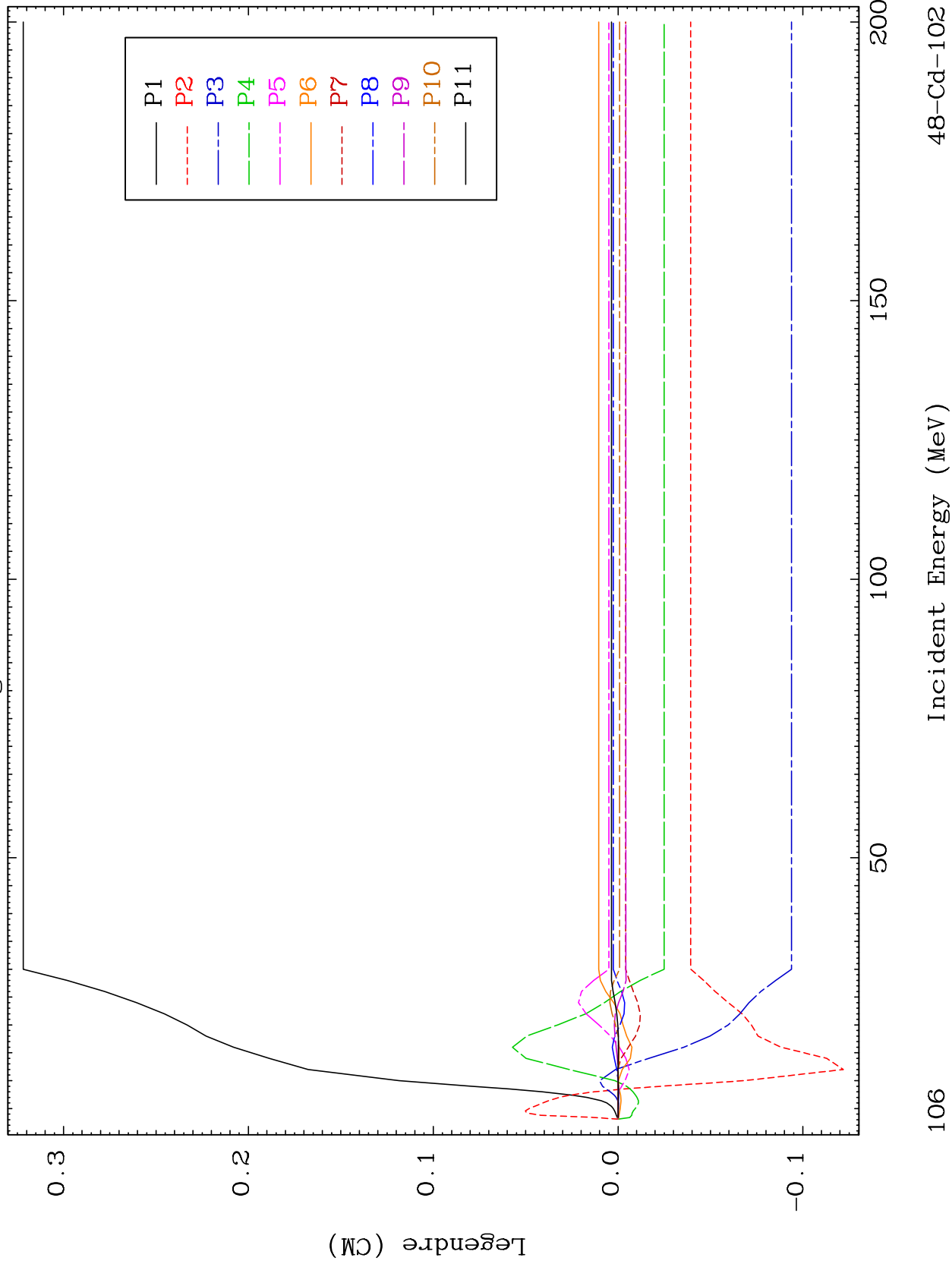




MAT 4813

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

48-Cd-102



48-Cd-102

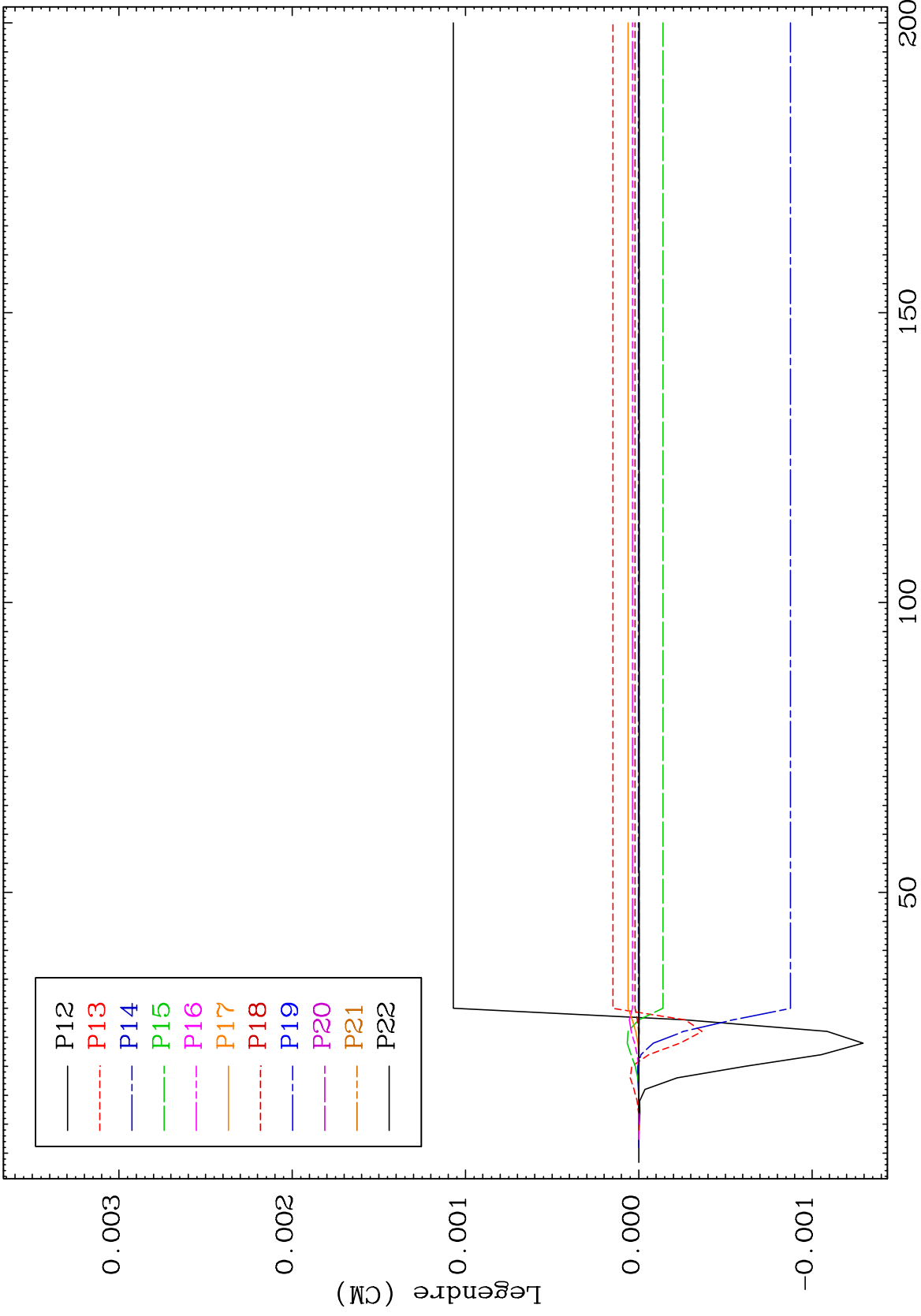
Incident Energy (MeV)

106

MAT 4813

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

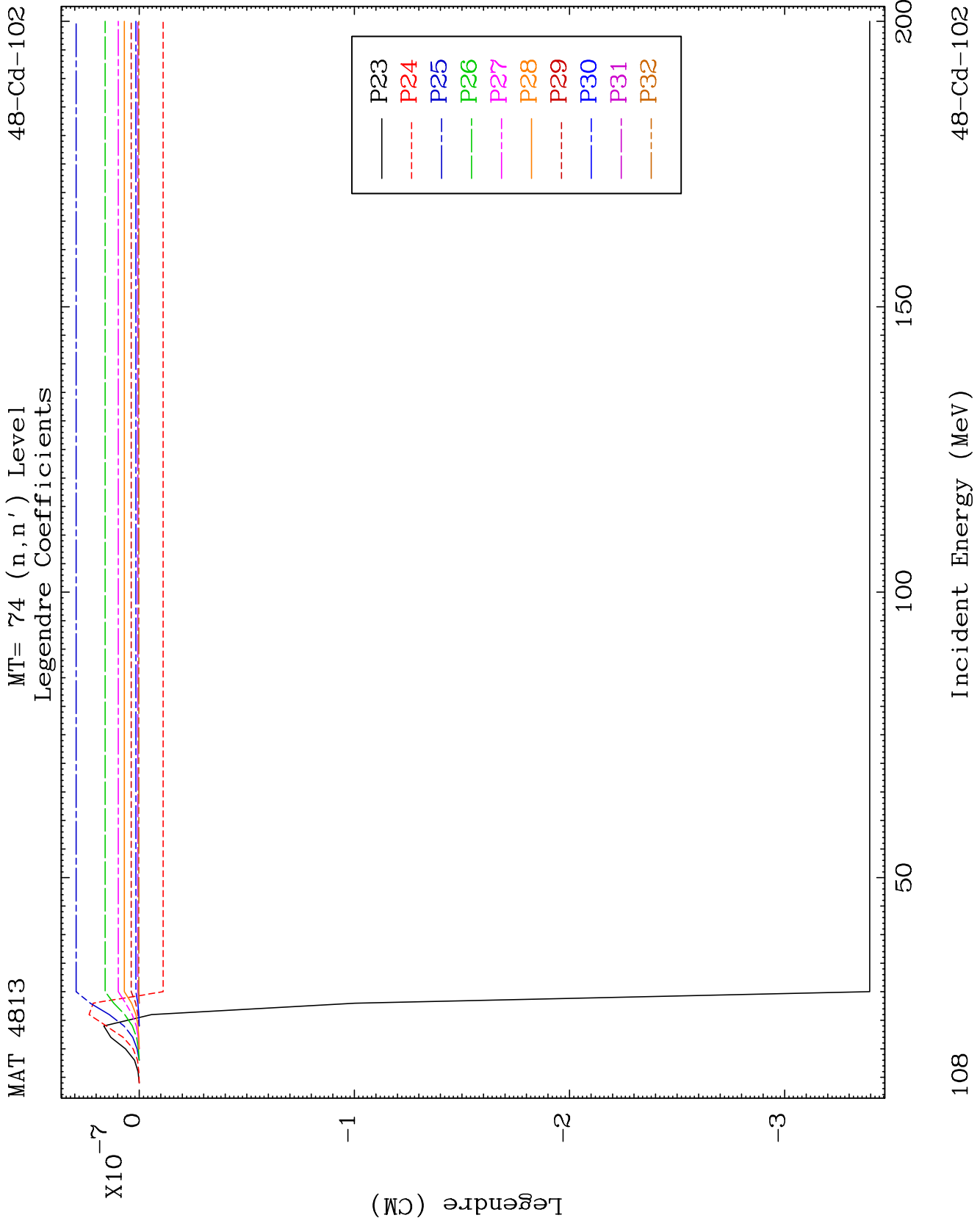
48-Cd-102



107

Incident Energy (MeV)

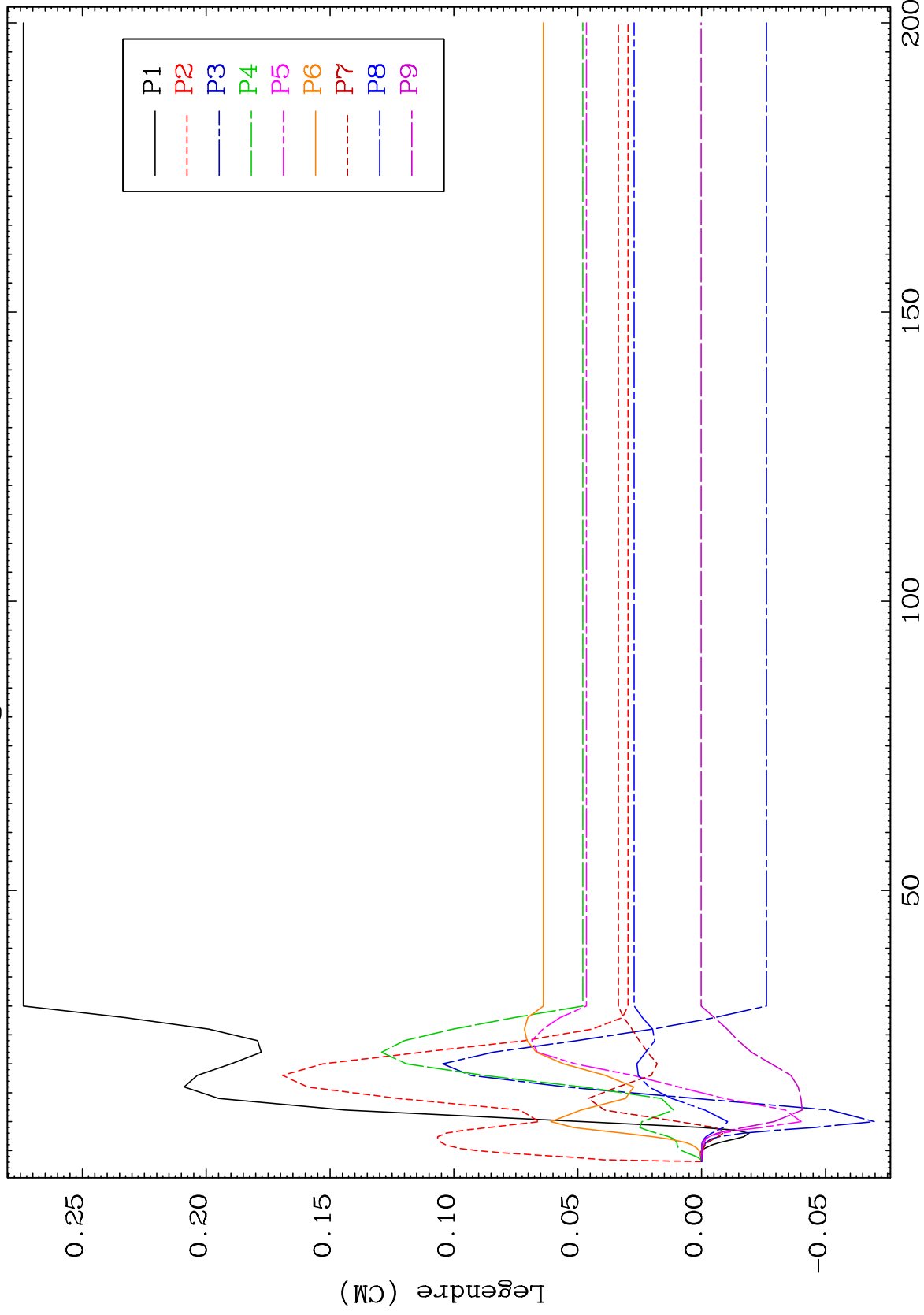
48-Cd-102



MAT 4813

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

48-Cd-102



109

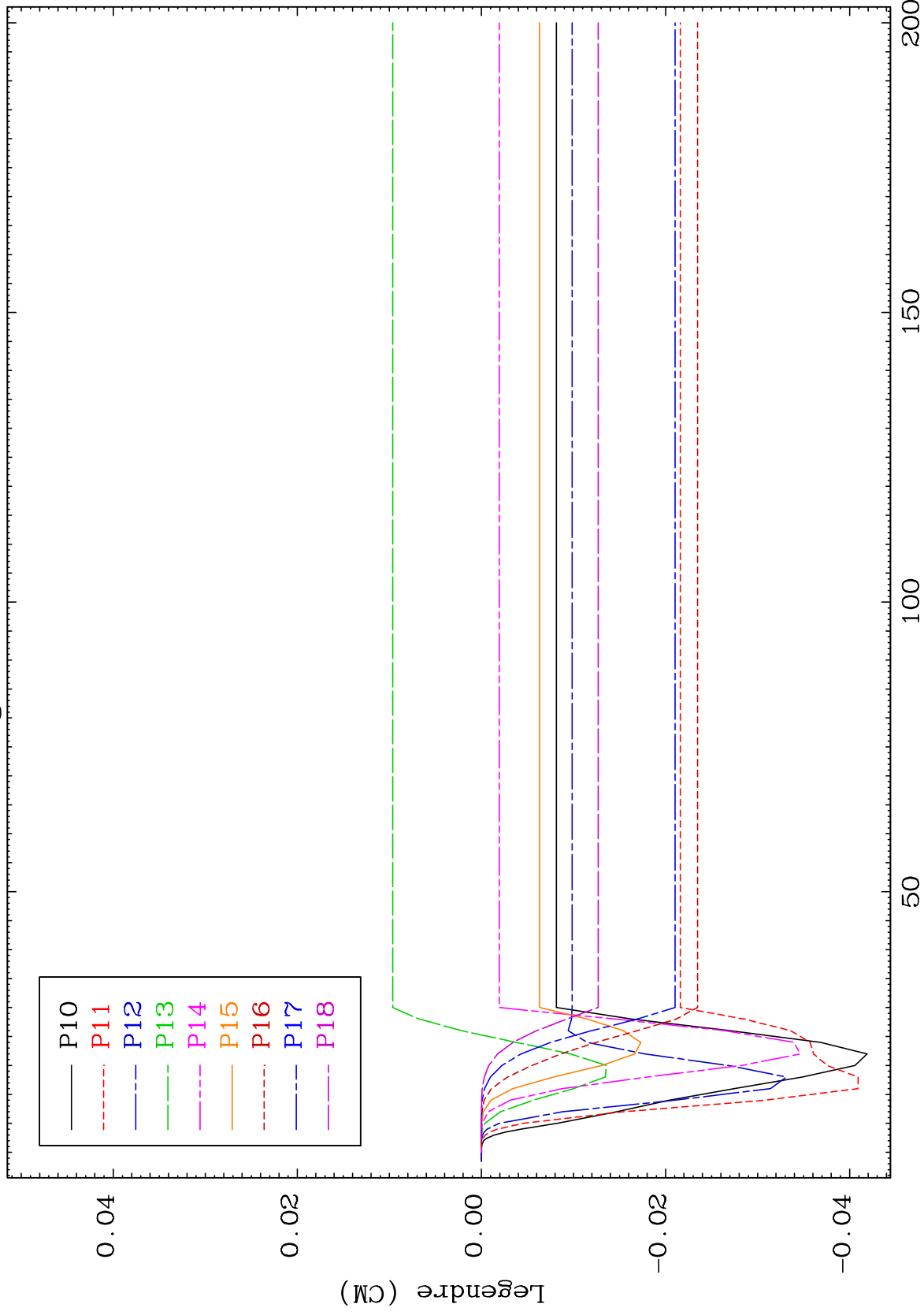
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

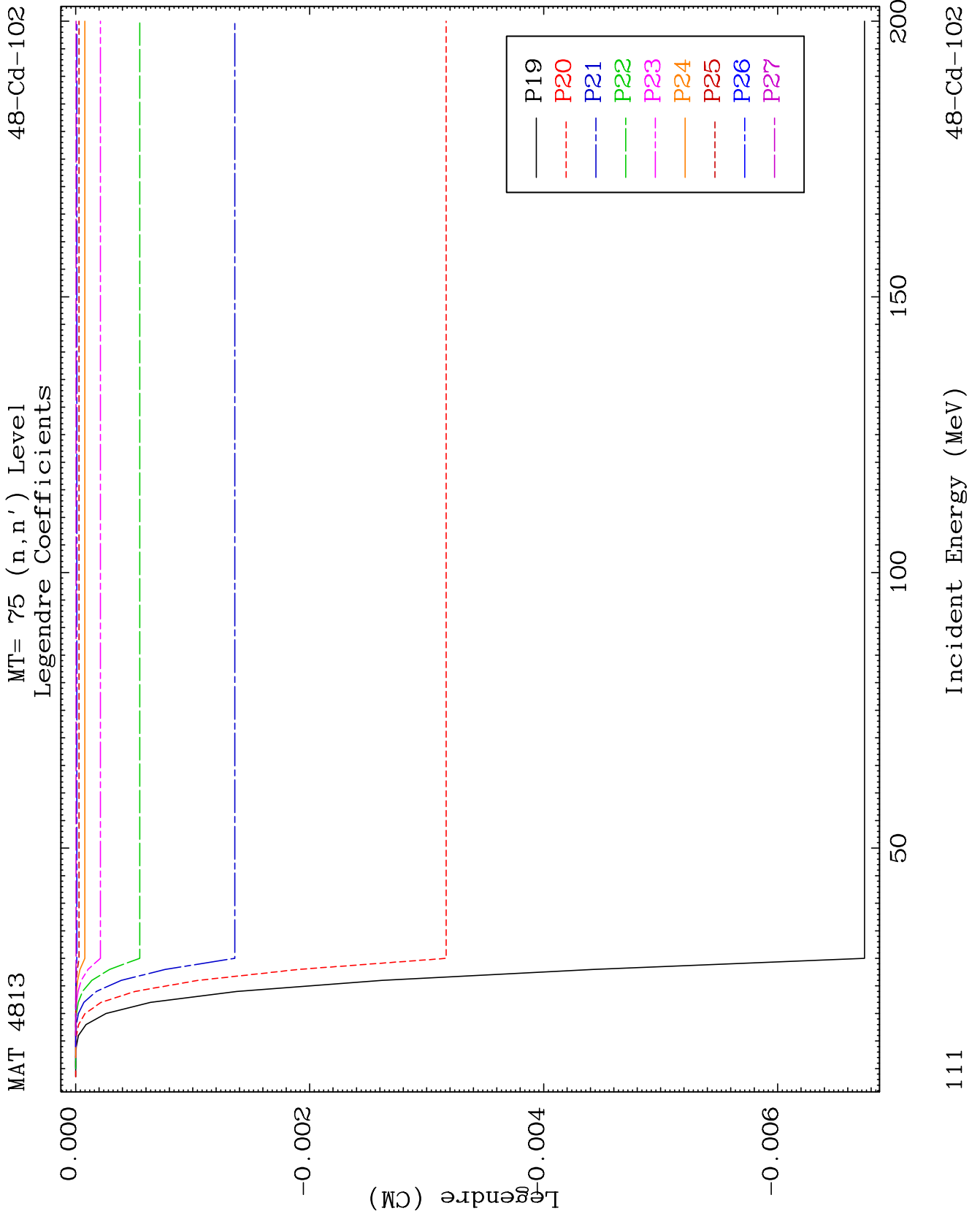
48-Cd-102

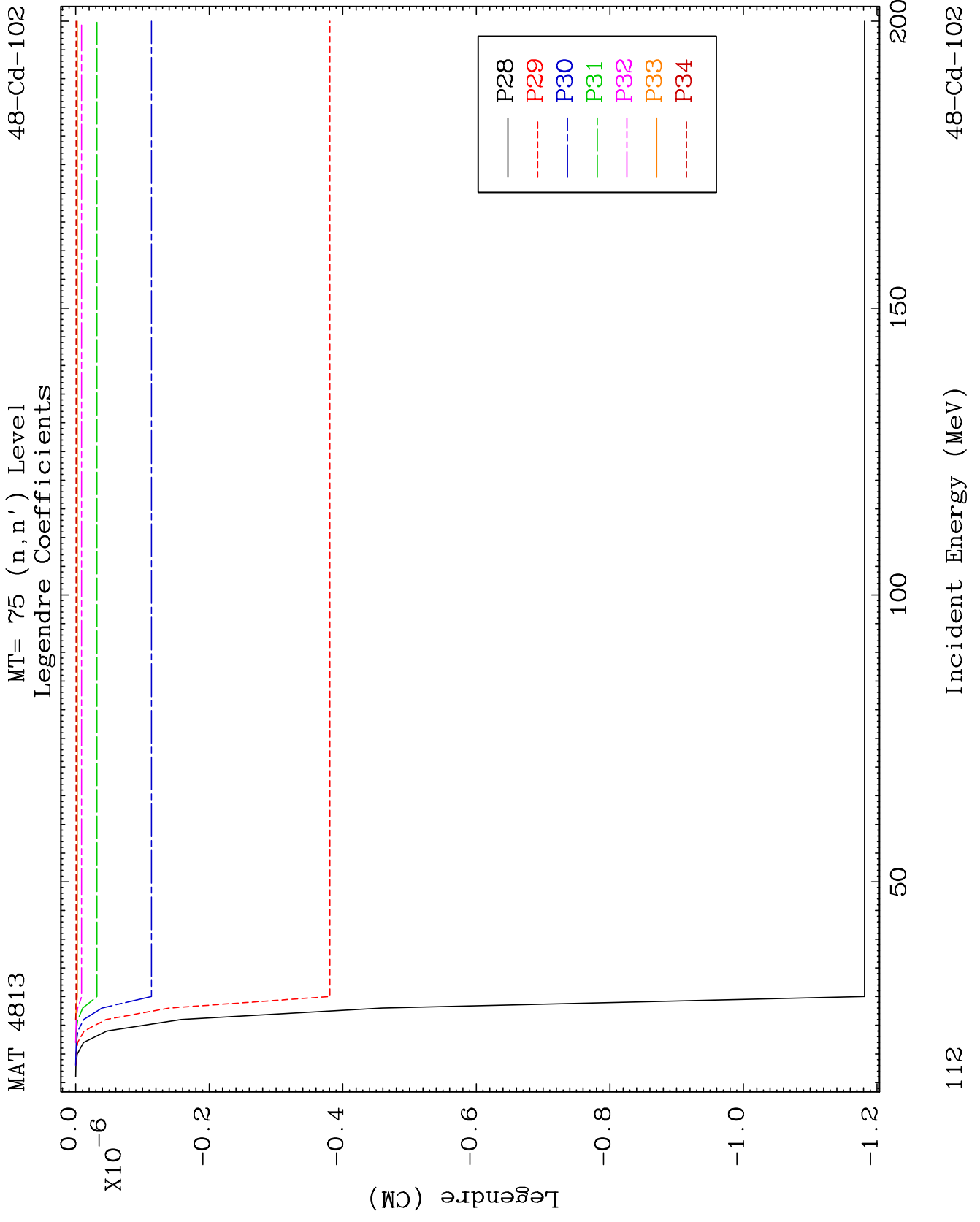


110

Incident Energy (MeV)

48-Cd-102



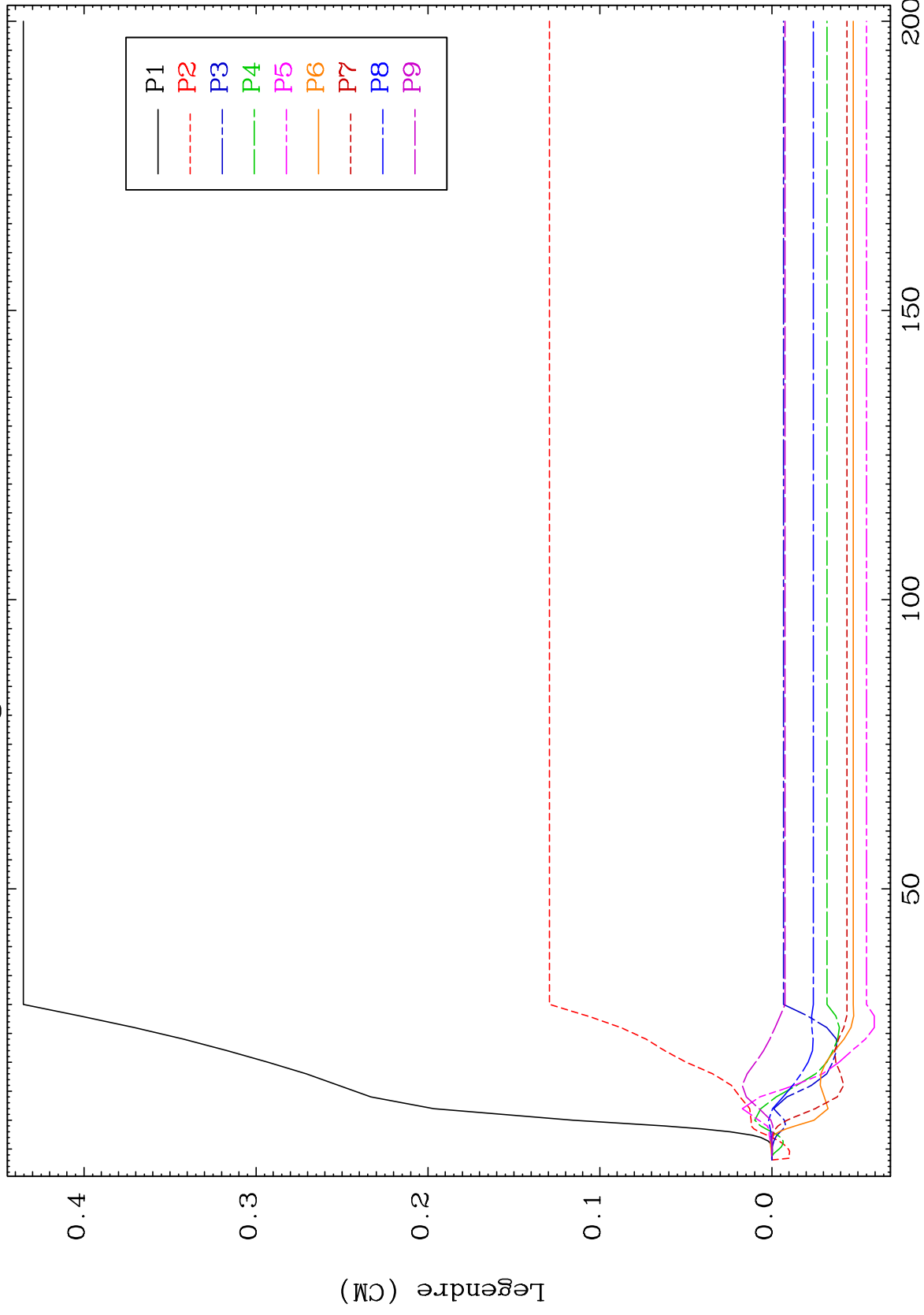


MAT 4813

MT= 76 (n,n') Level

48-Cd-102

Legendre Coefficients



113

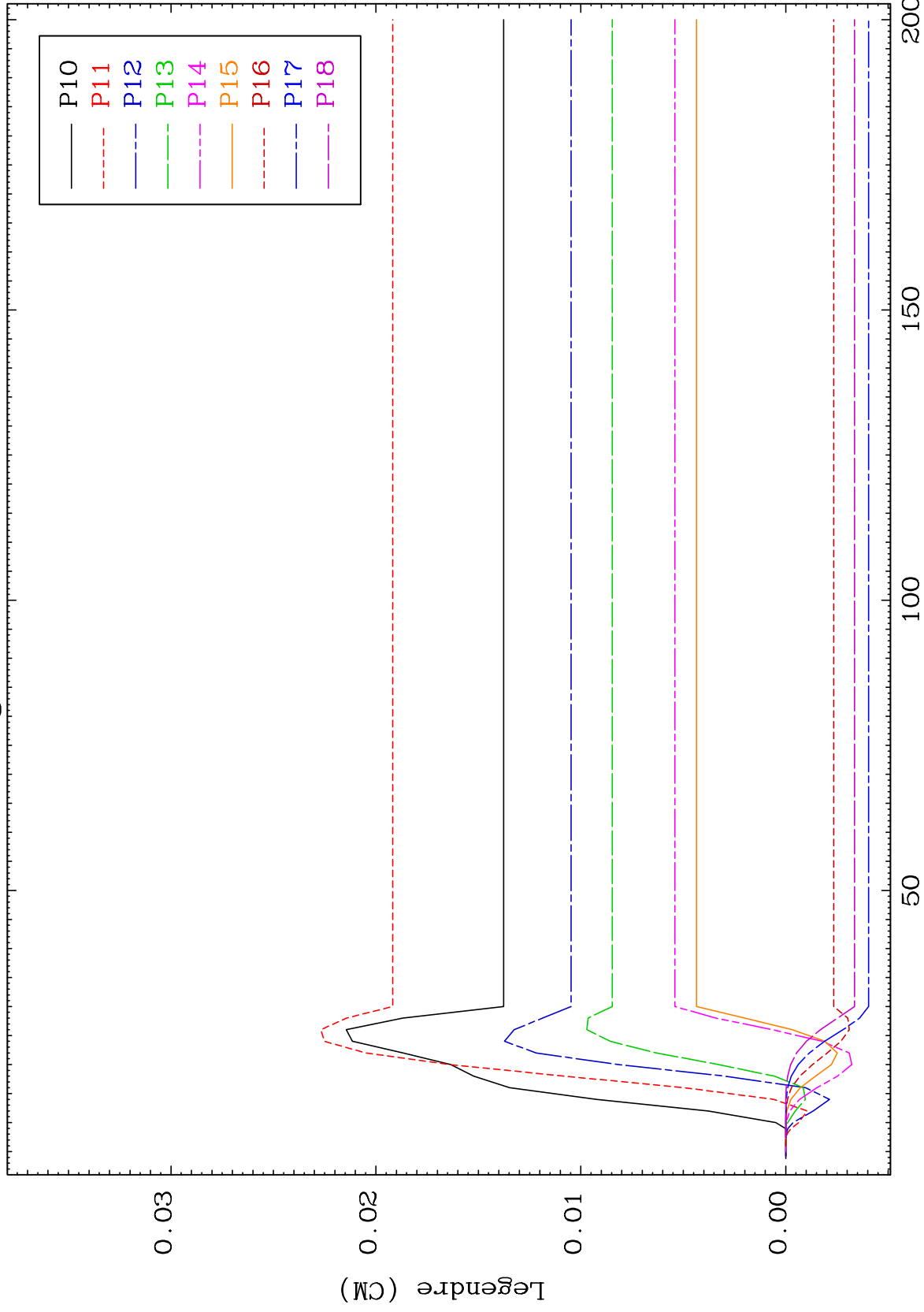
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

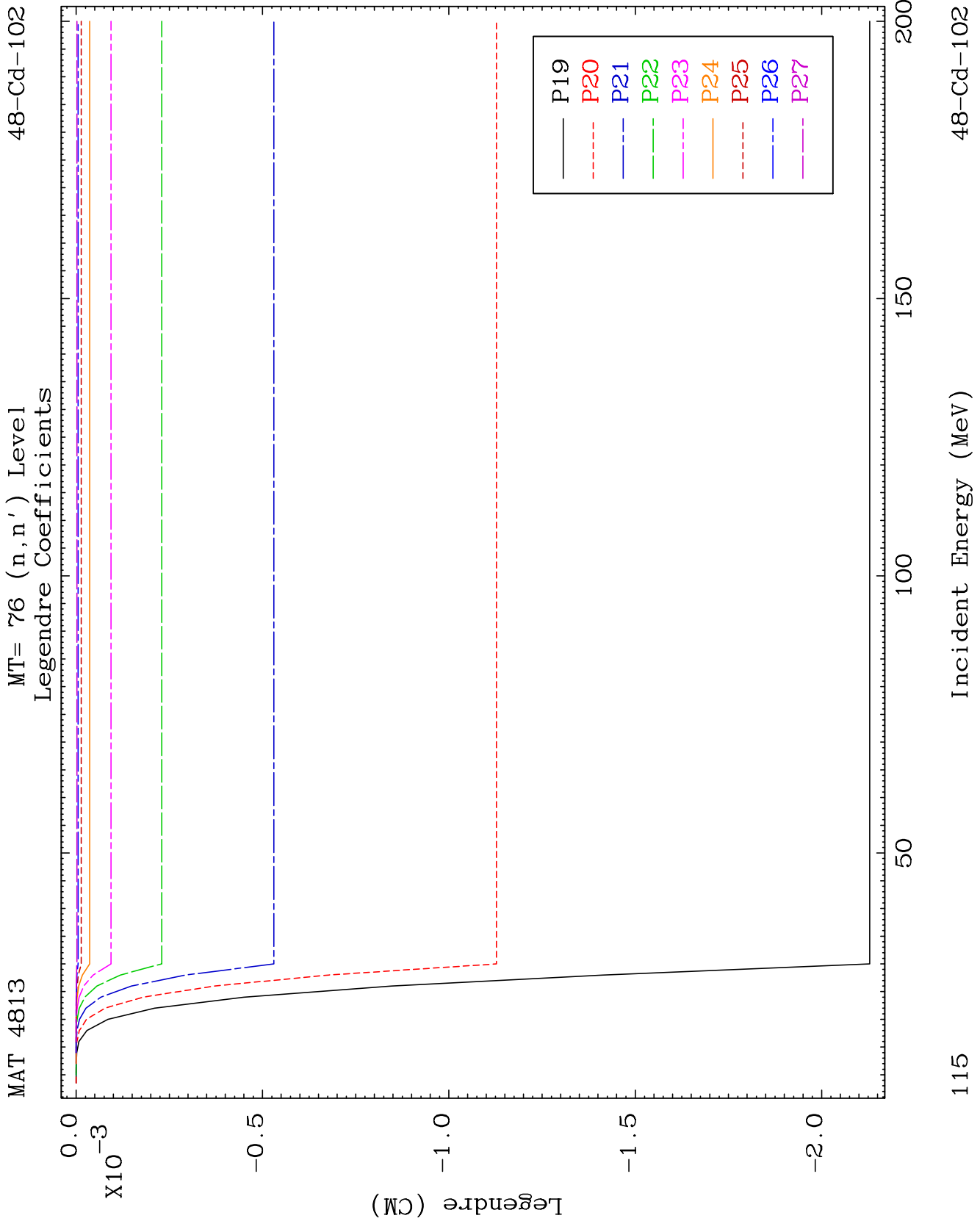
48-Cd-102

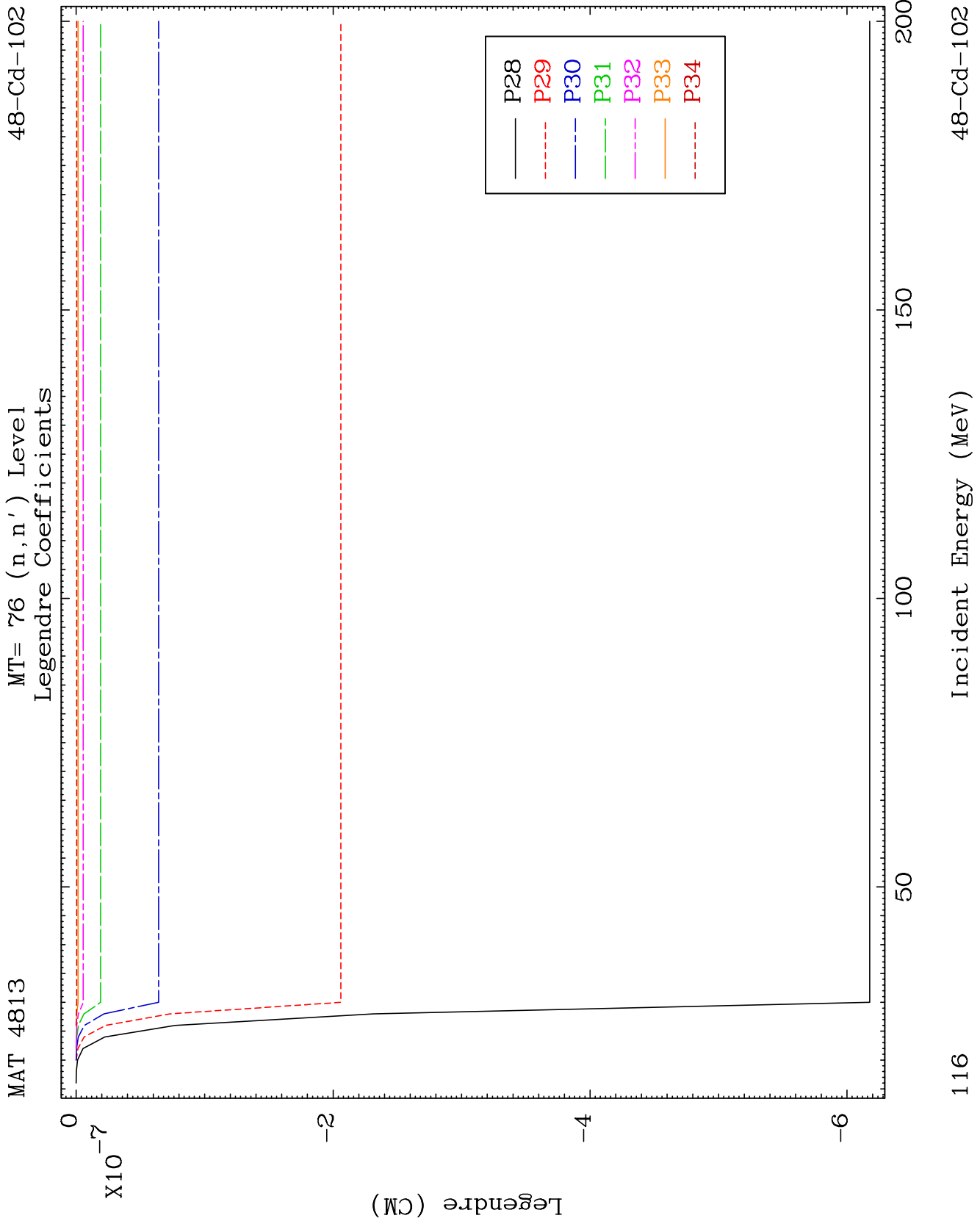


114

Incident Energy (MeV)

48-Cd-102

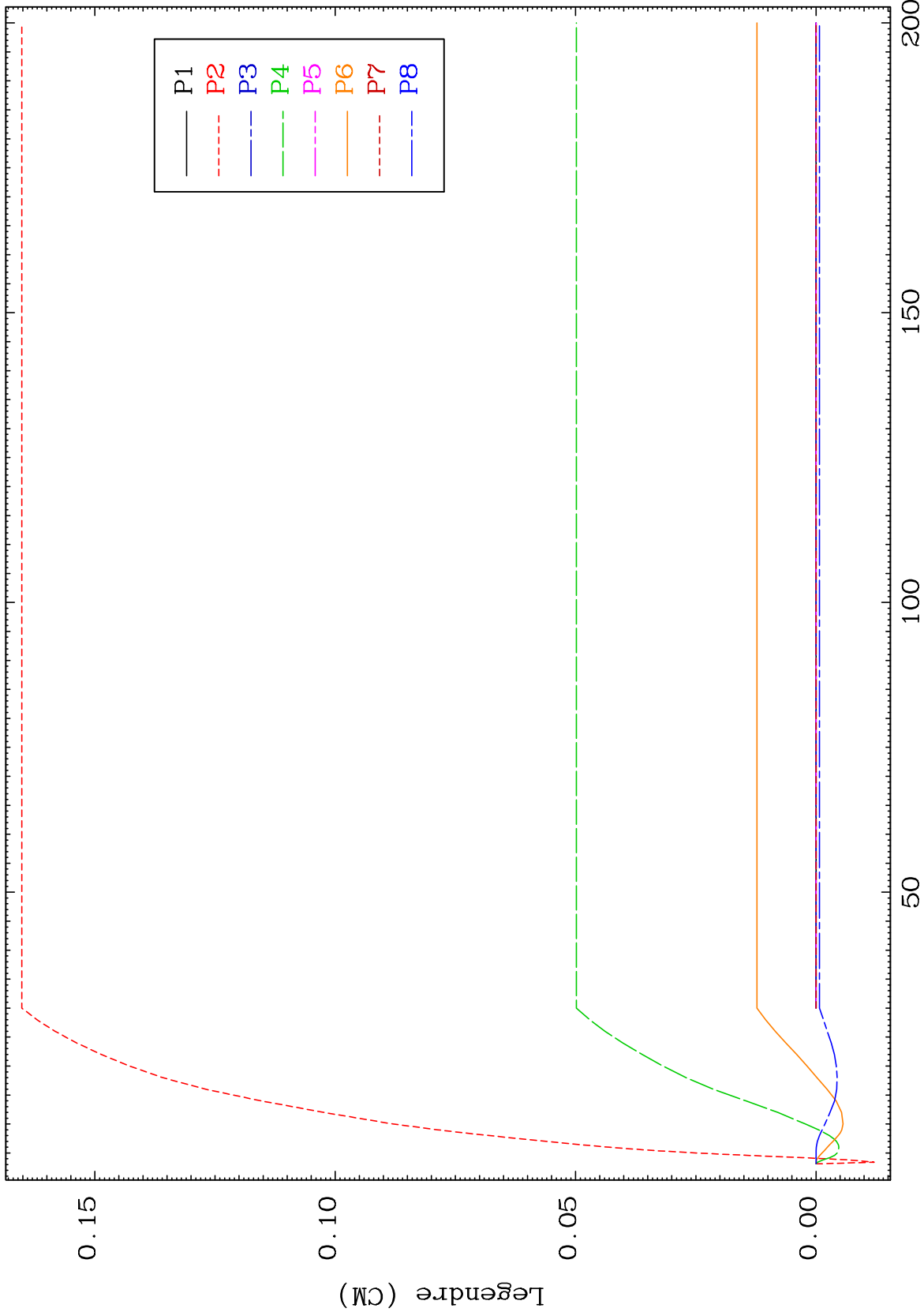




MAT 4813

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

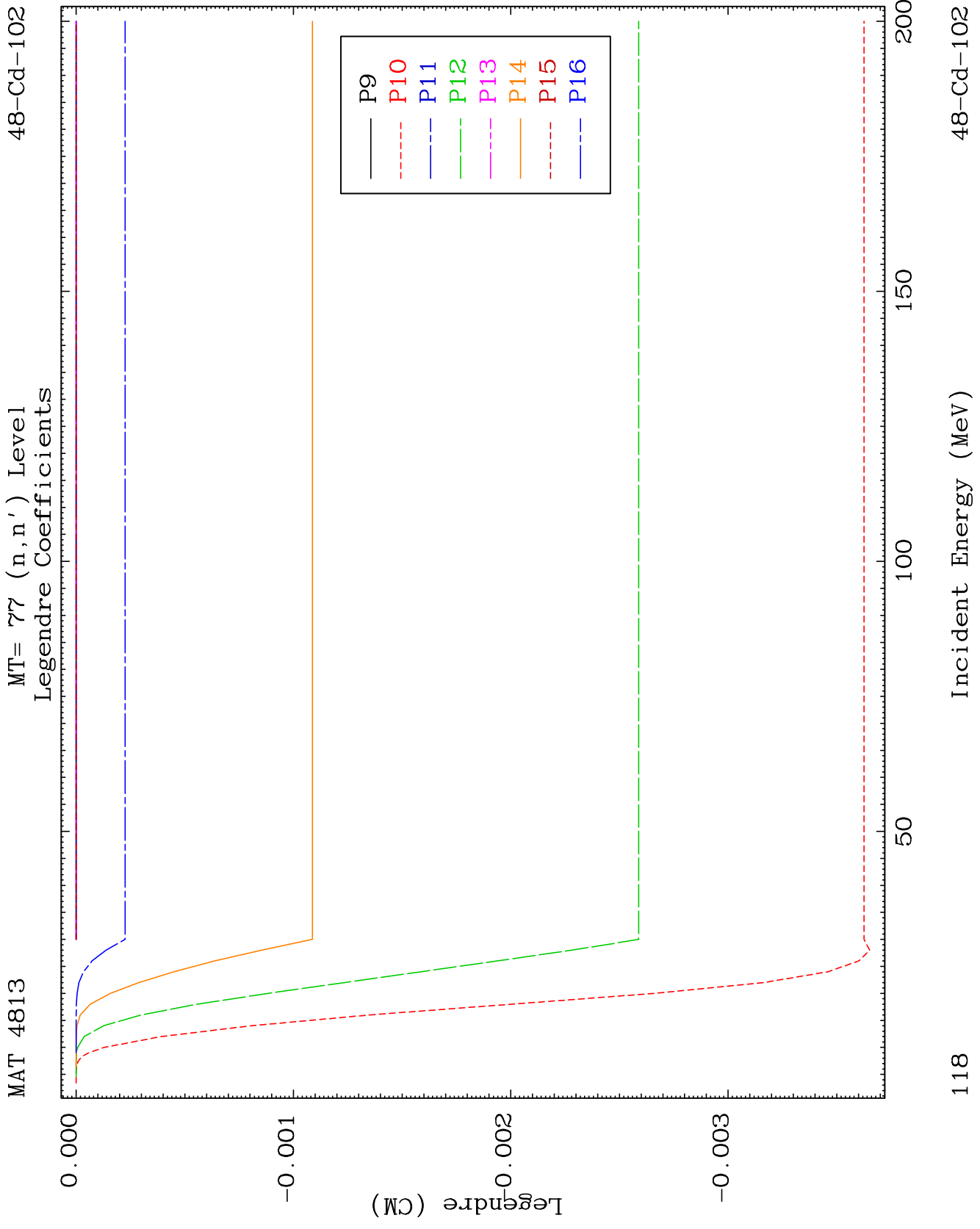
48-Cd-102

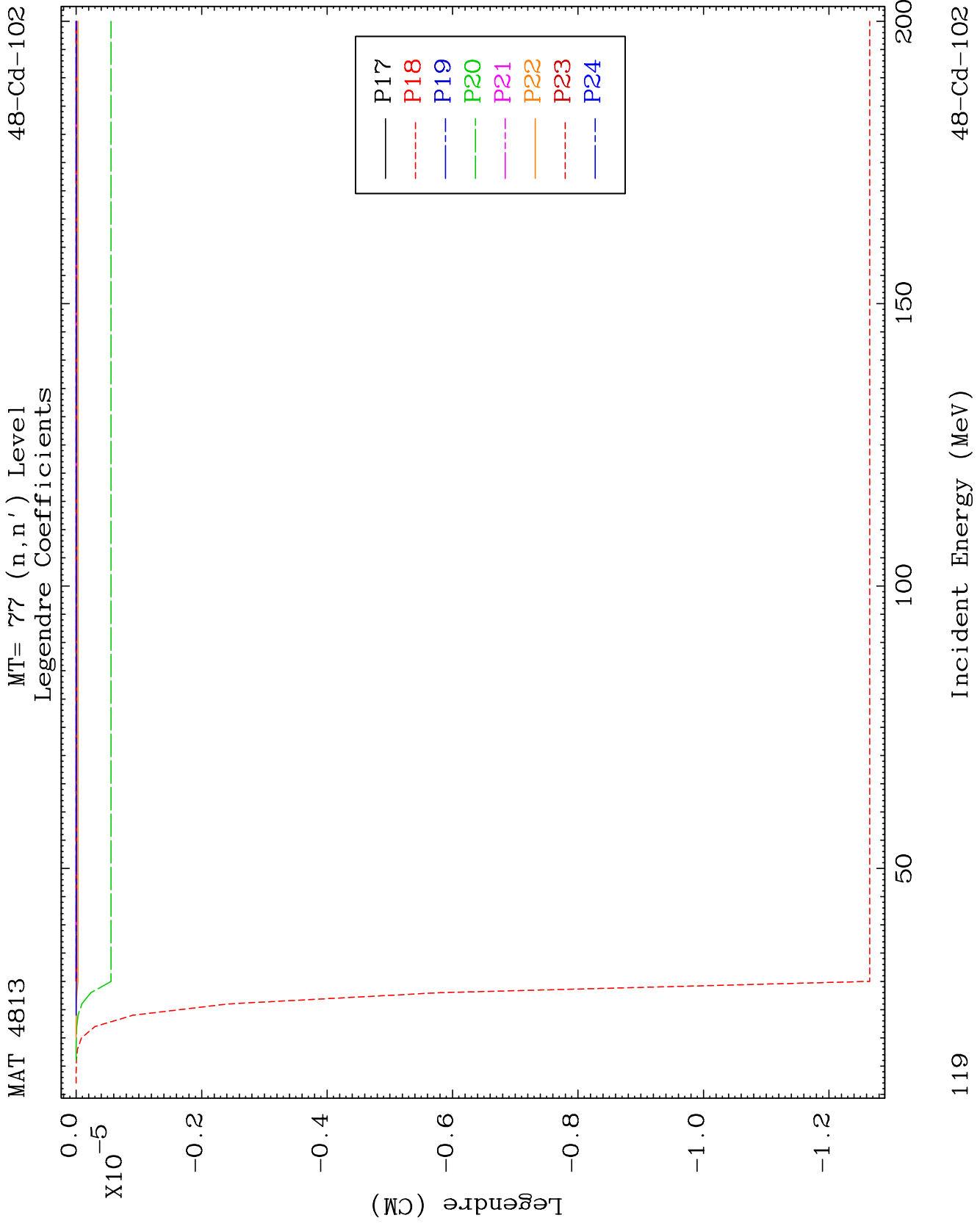


117

Incident Energy (MeV)

48-Cd-102

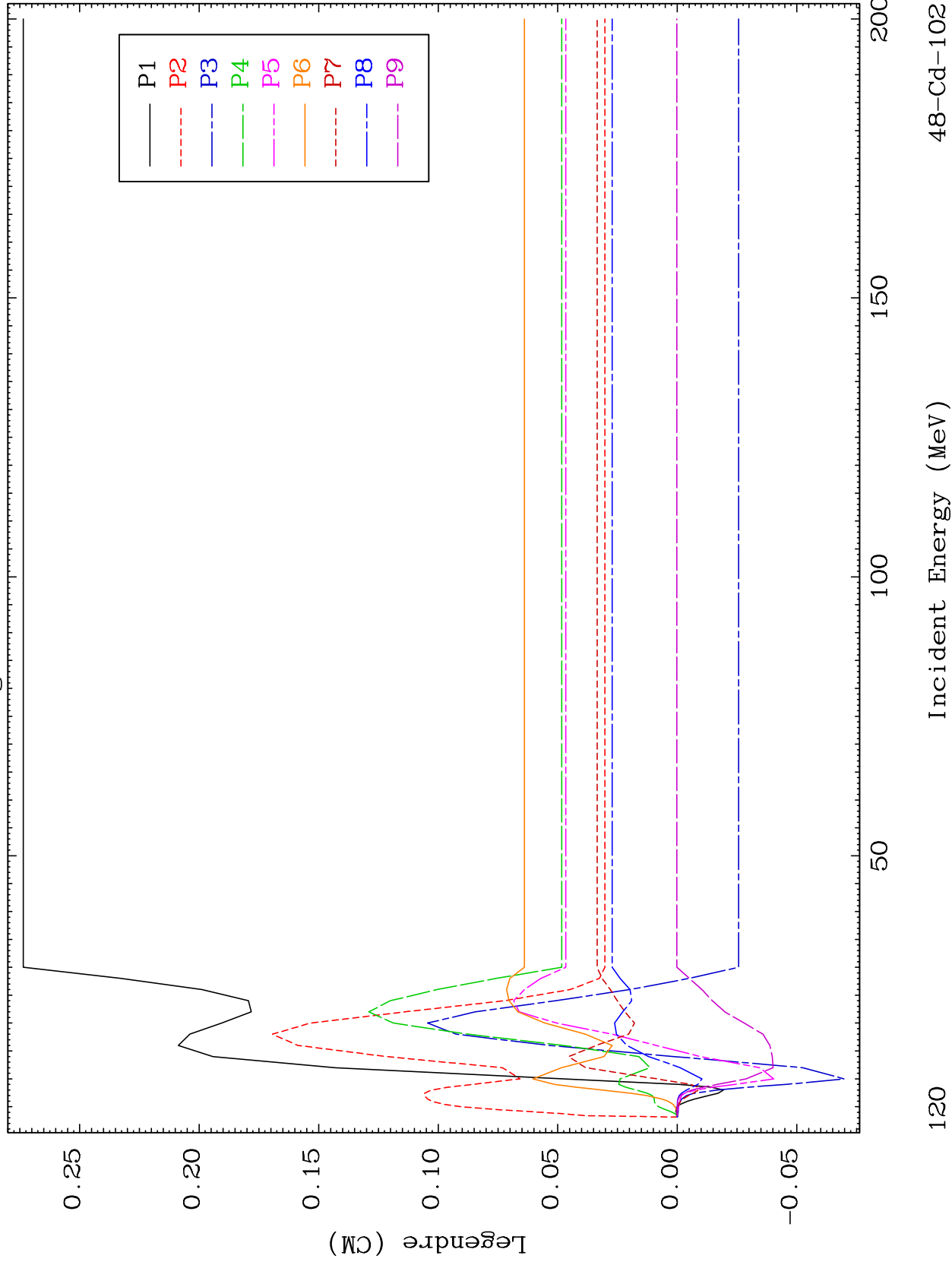




MAT 4813

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

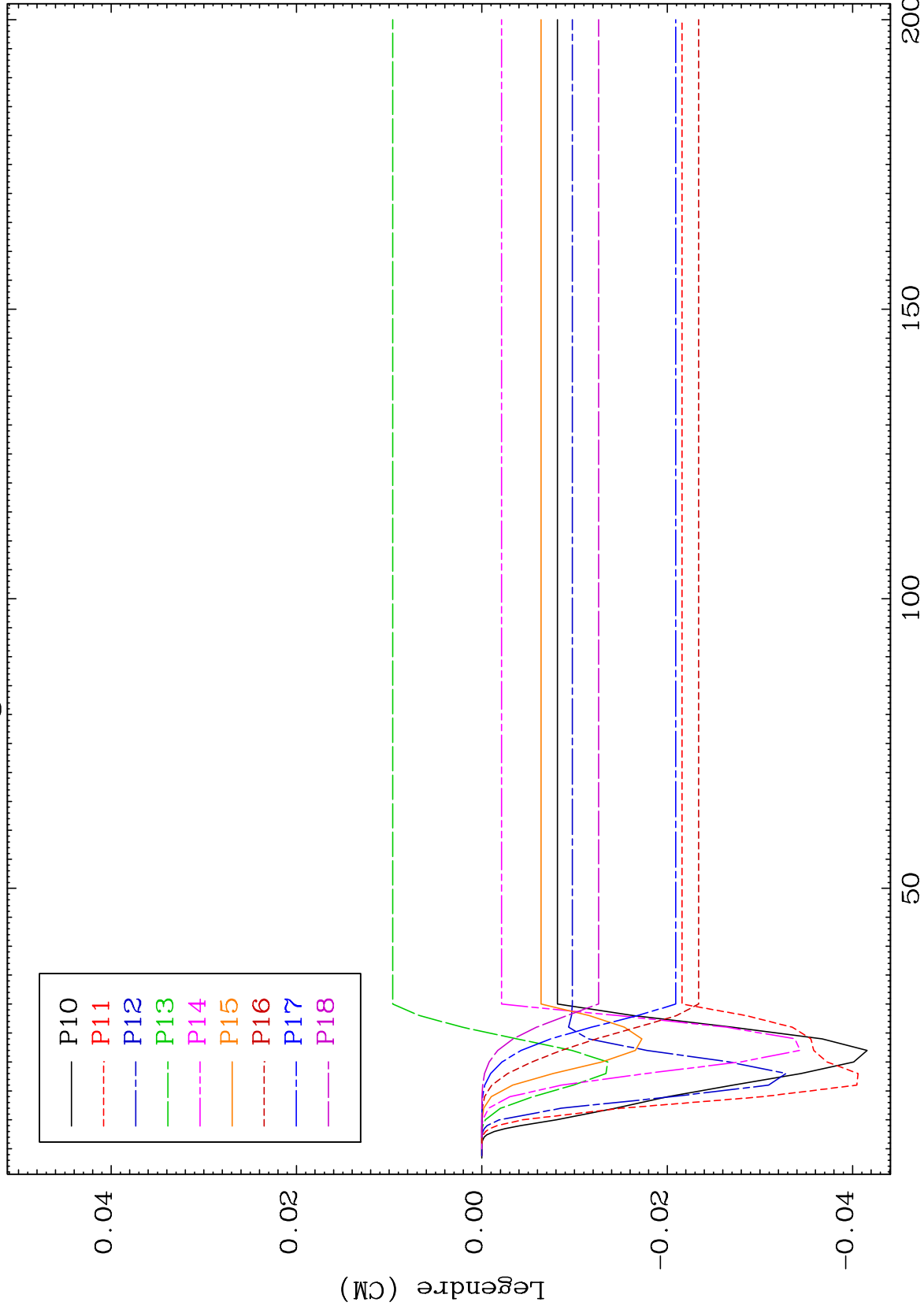
48-Cd-102



MAT 4813

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

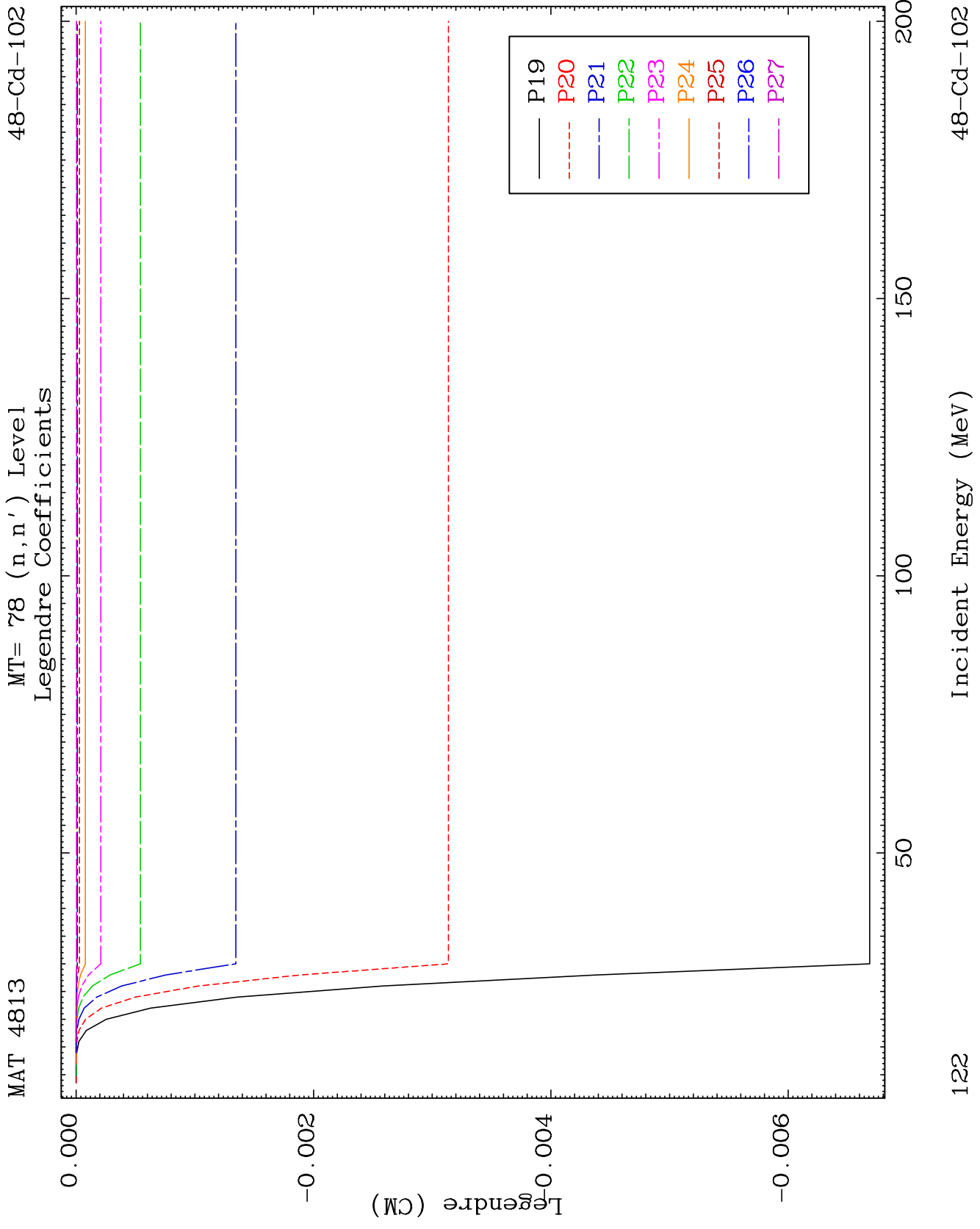
48-Cd-102

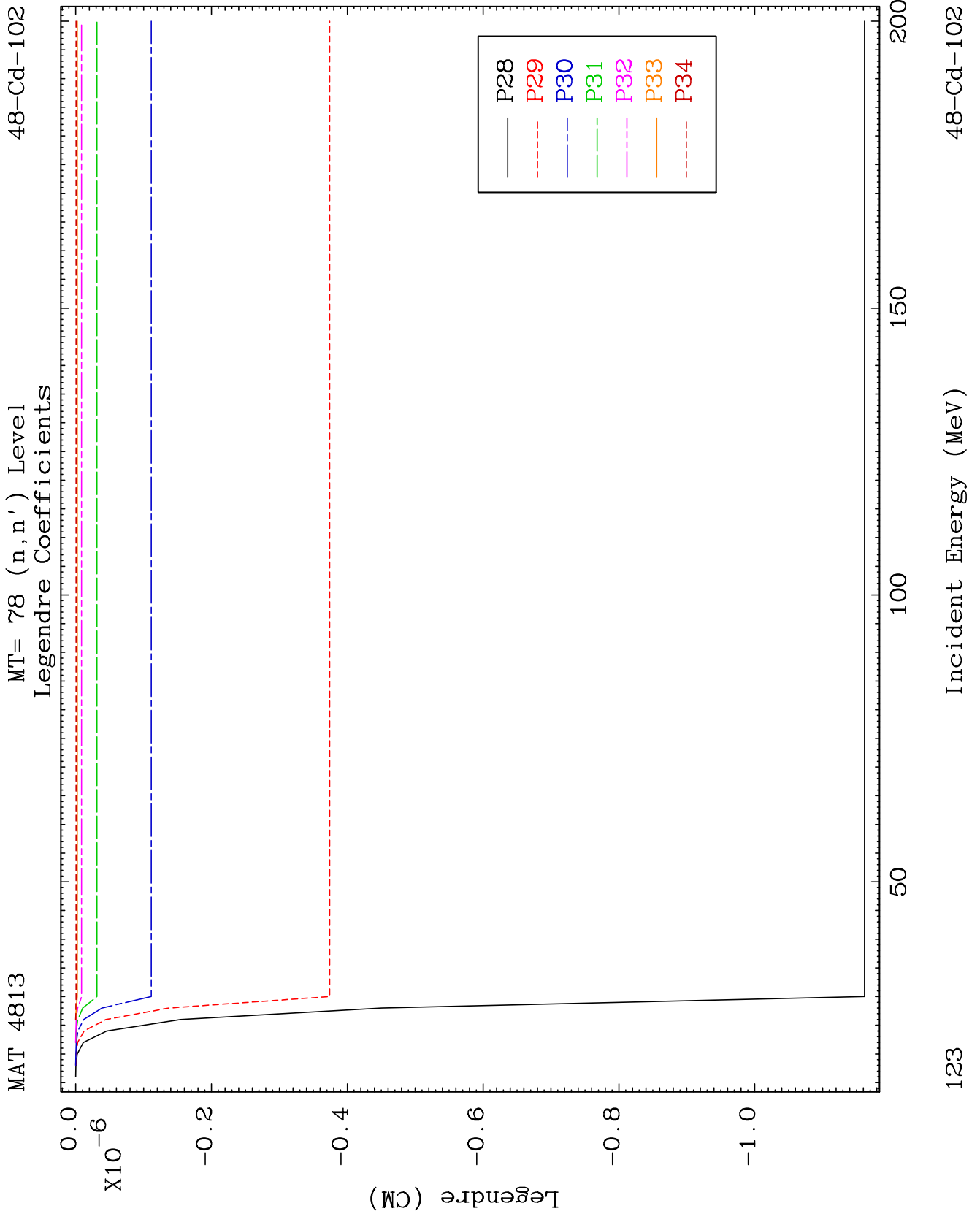


121

Incident Energy (MeV)

48-Cd-102



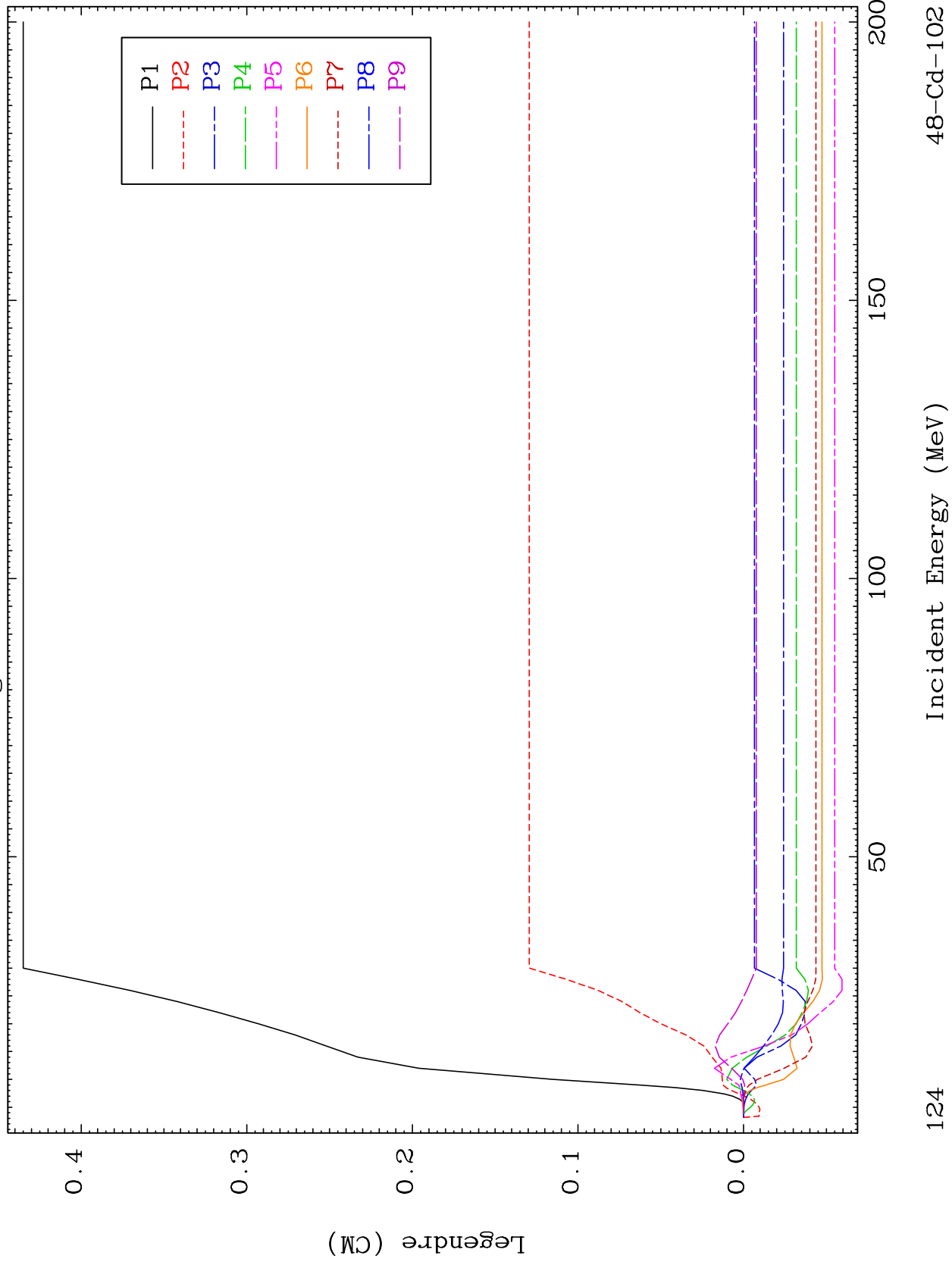


MAT 4813

MT= 79 (n,n') Level

48-Cd-102

Legendre Coefficients



124

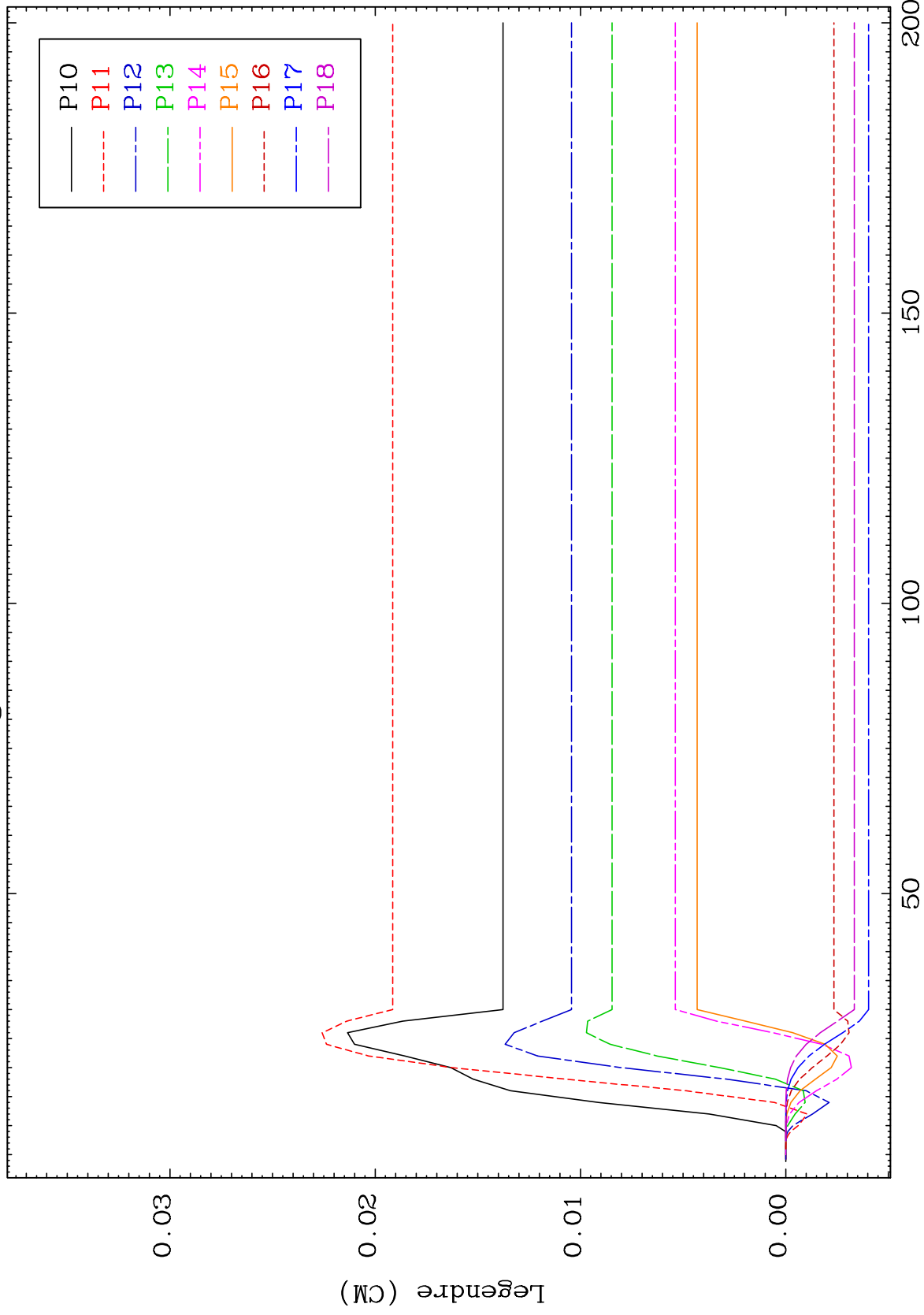
Incident Energy (MeV)

48-Cd-102

MAT 4813

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

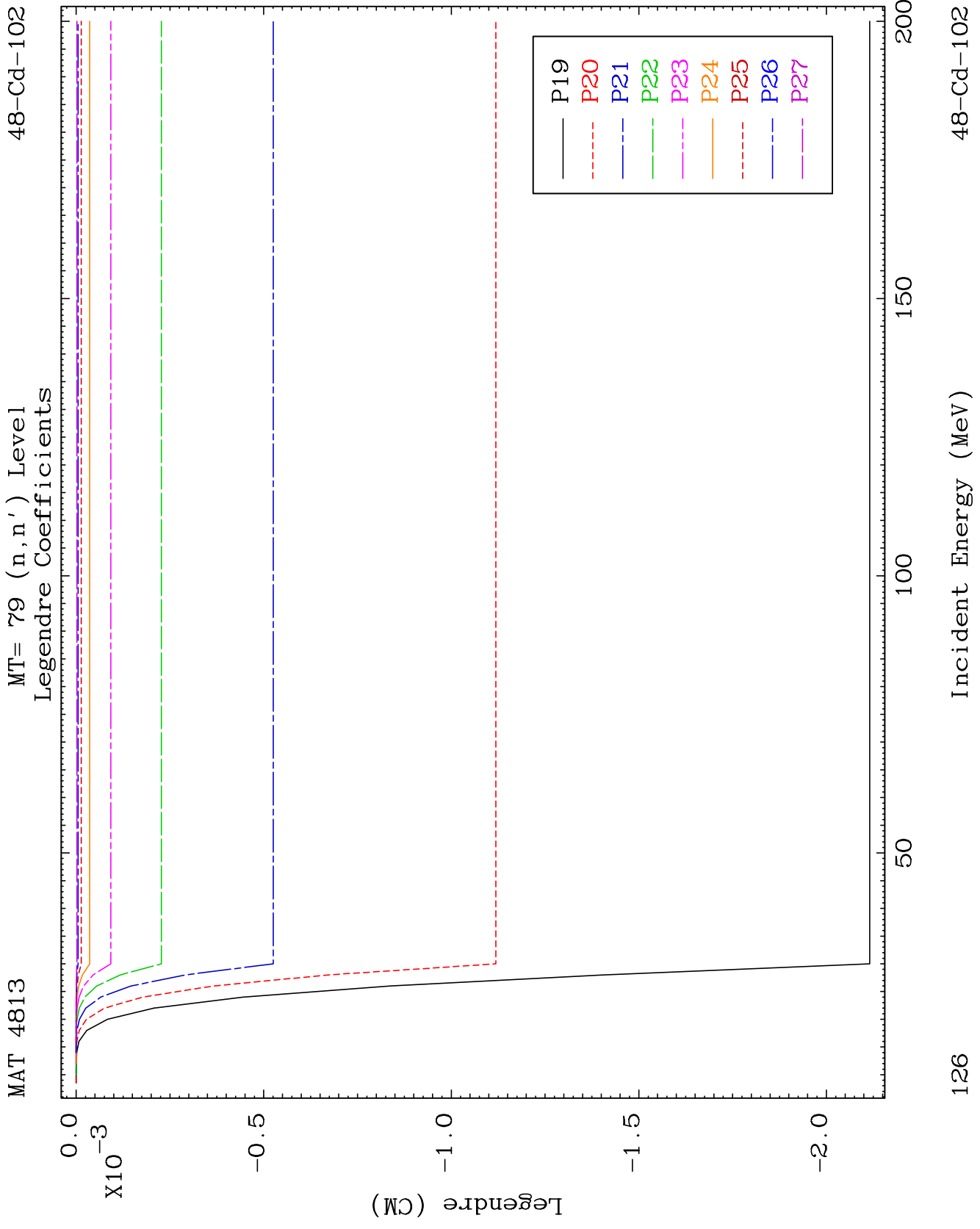
48-Cd-102

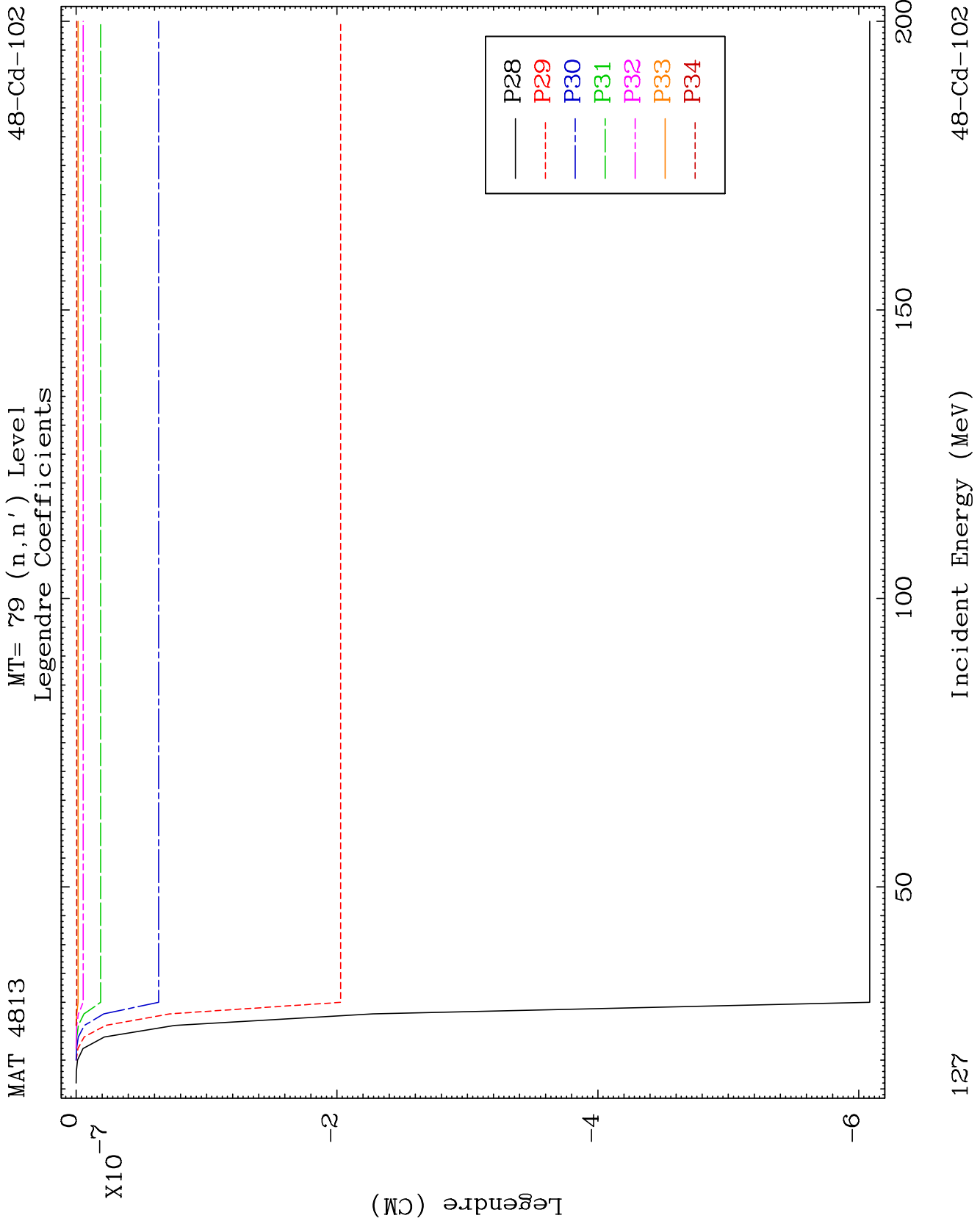


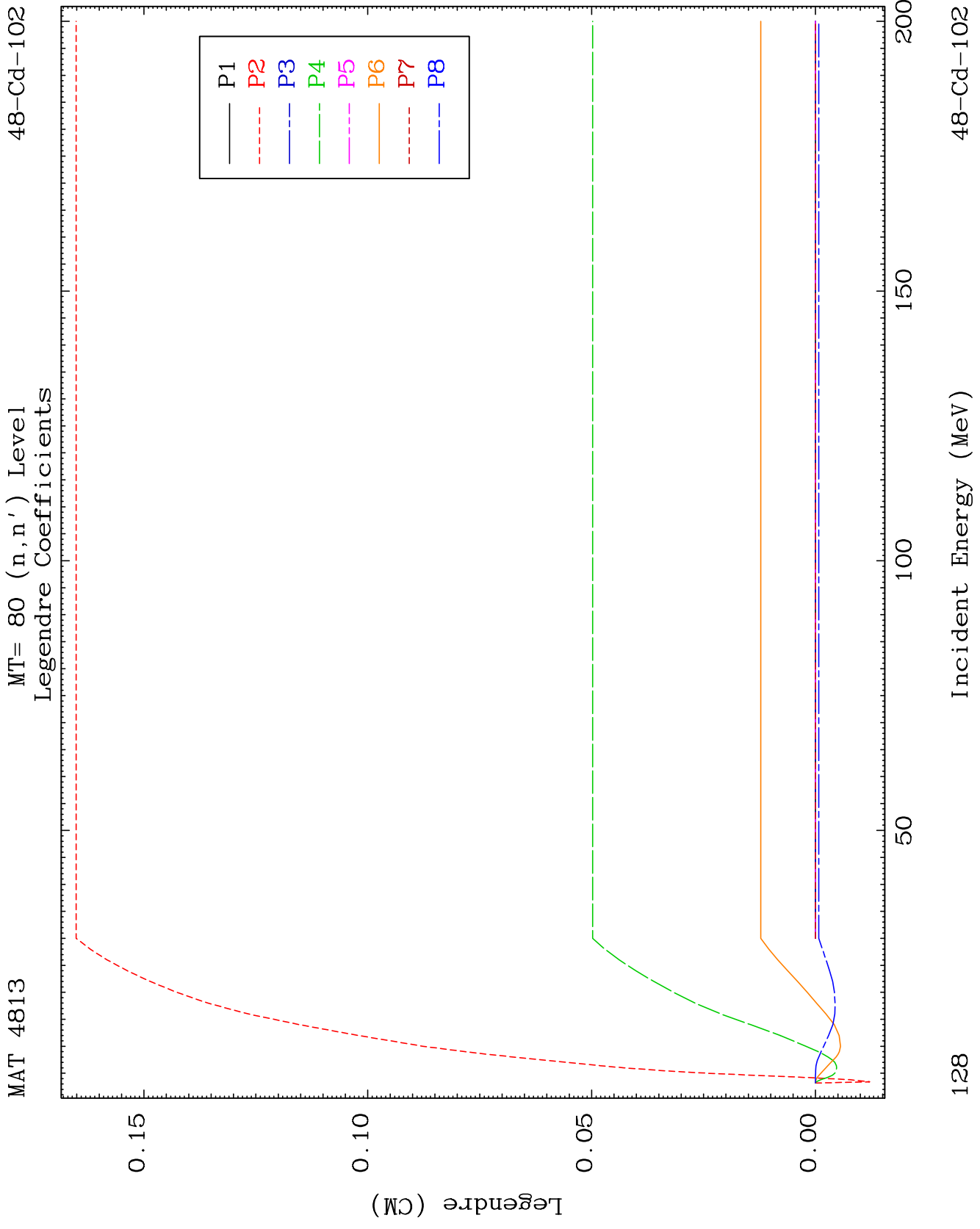
125

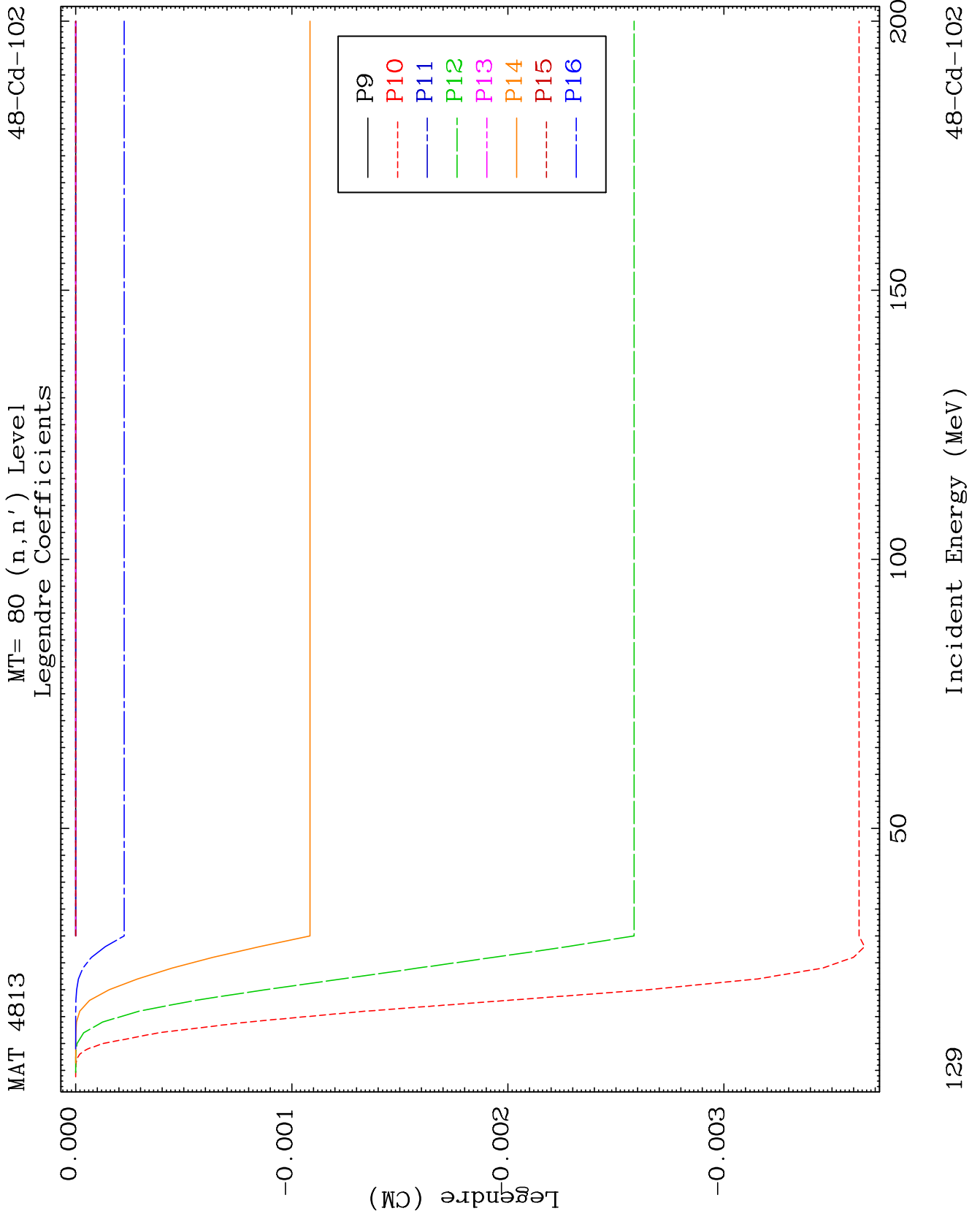
Incident Energy (MeV)

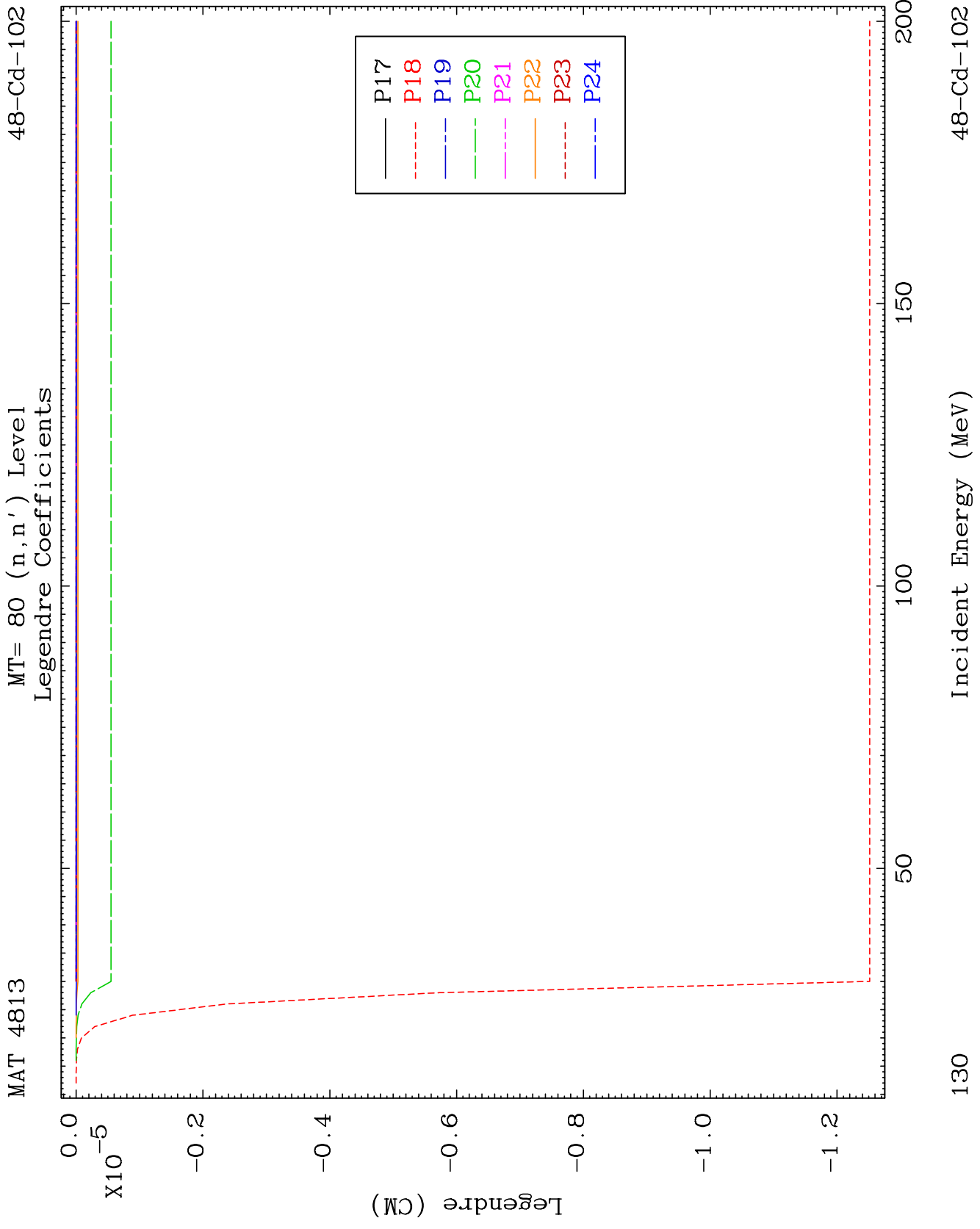
48-Cd-102









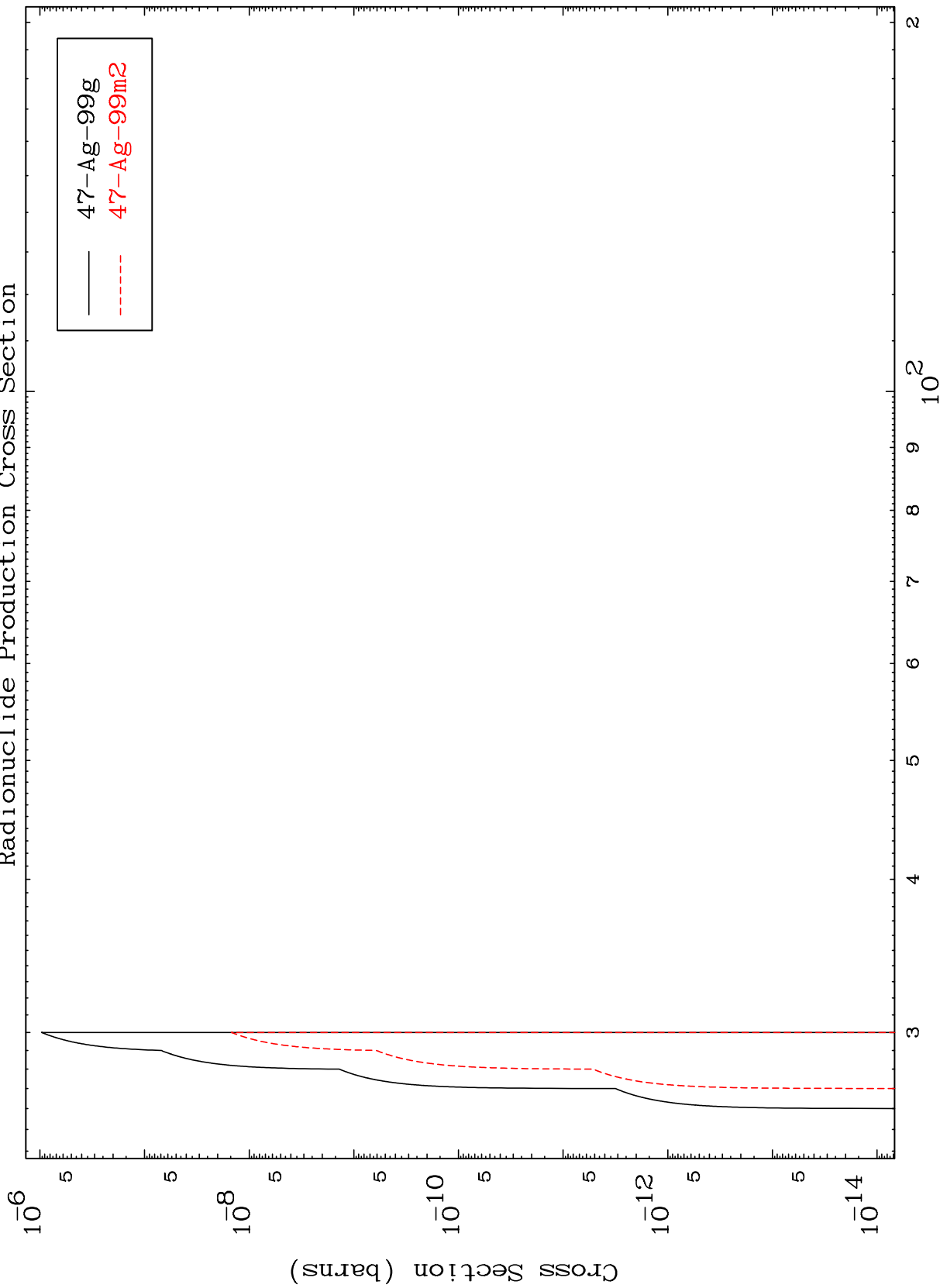


MAT 4813

(n,2n) d

48-Cd-102

Radionuclide Production Cross Section



131

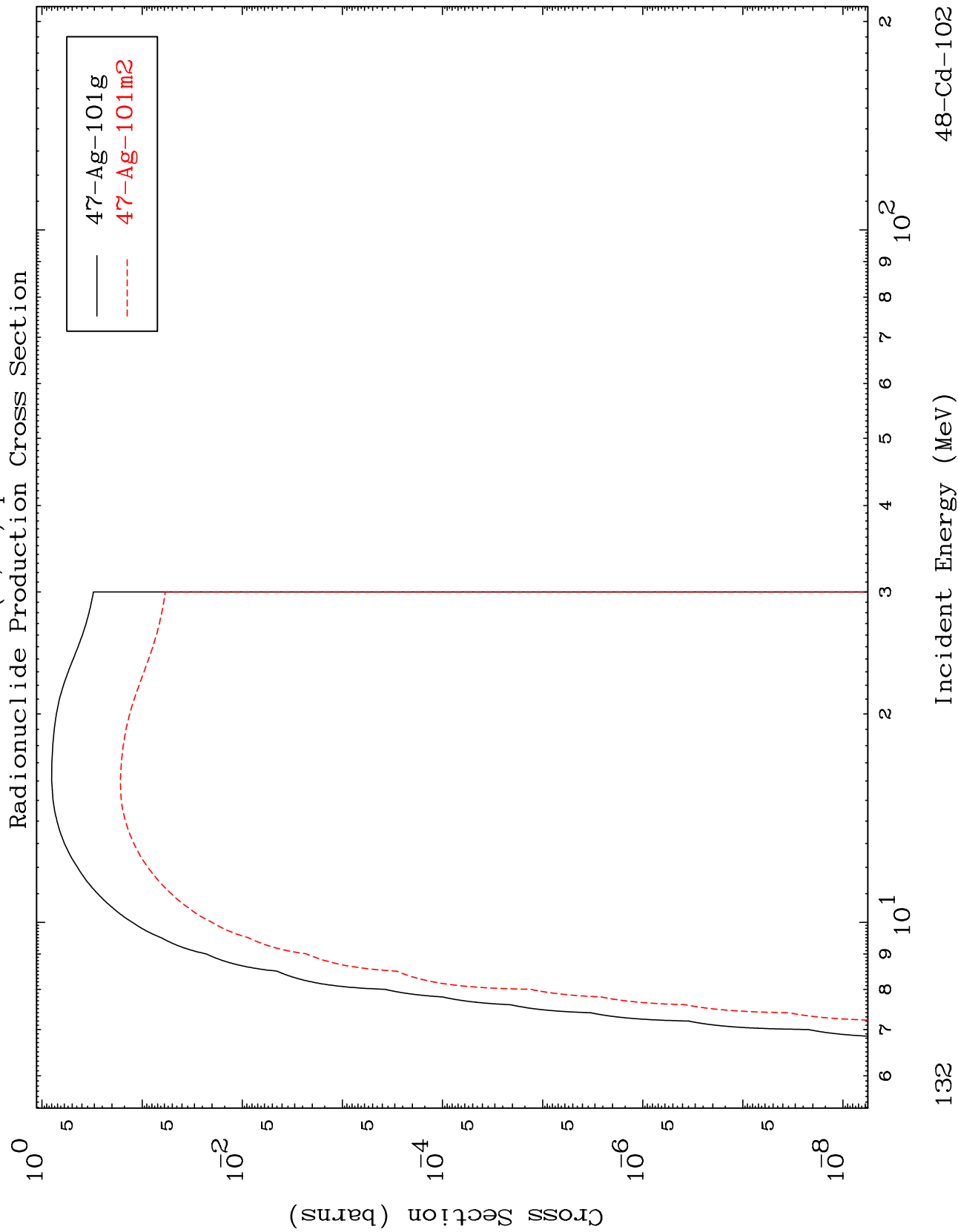
Incident Energy (MeV)

48-Cd-102

MAT 4813

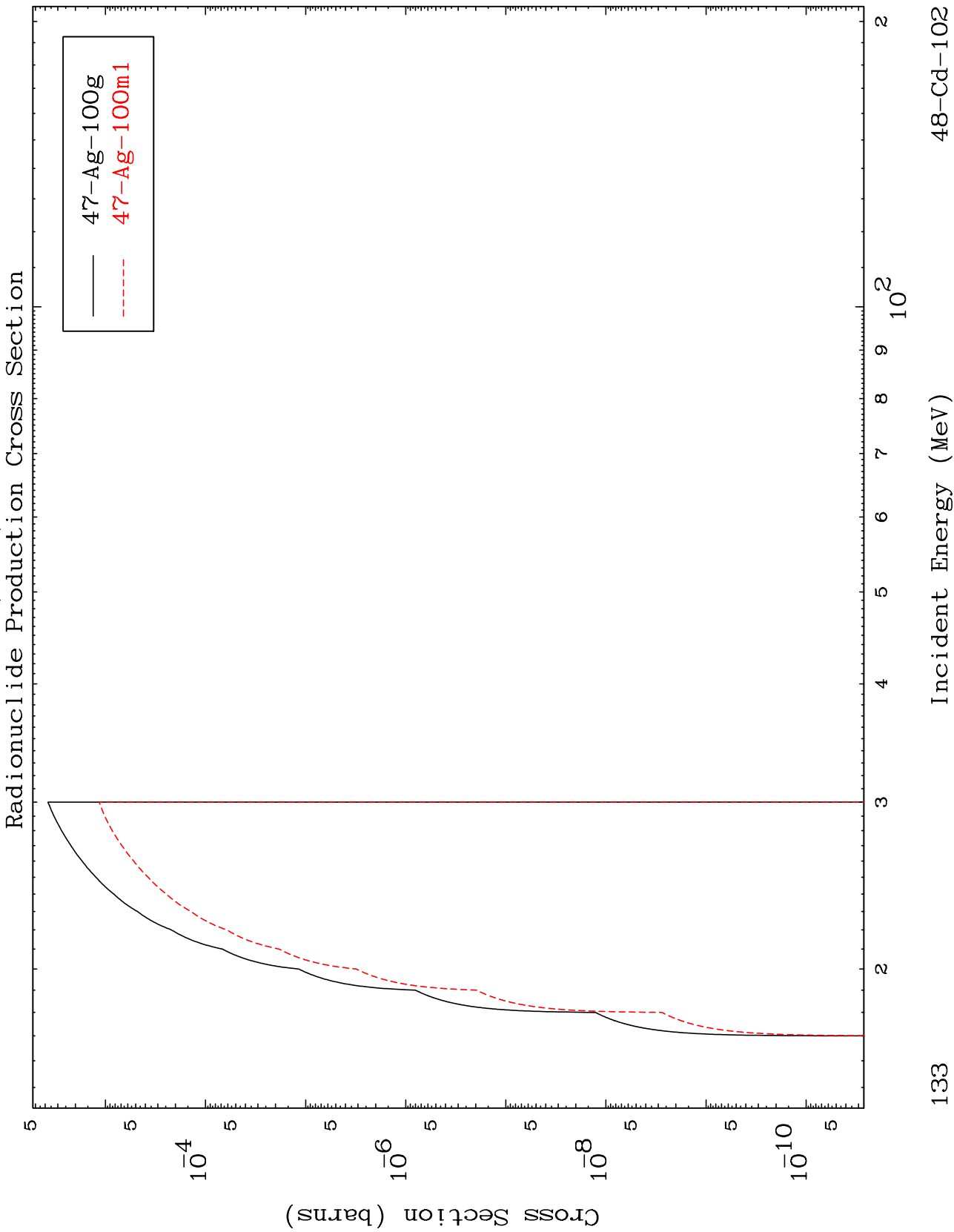
(n,n') p

48-Cd-102



132

48-Cd-102

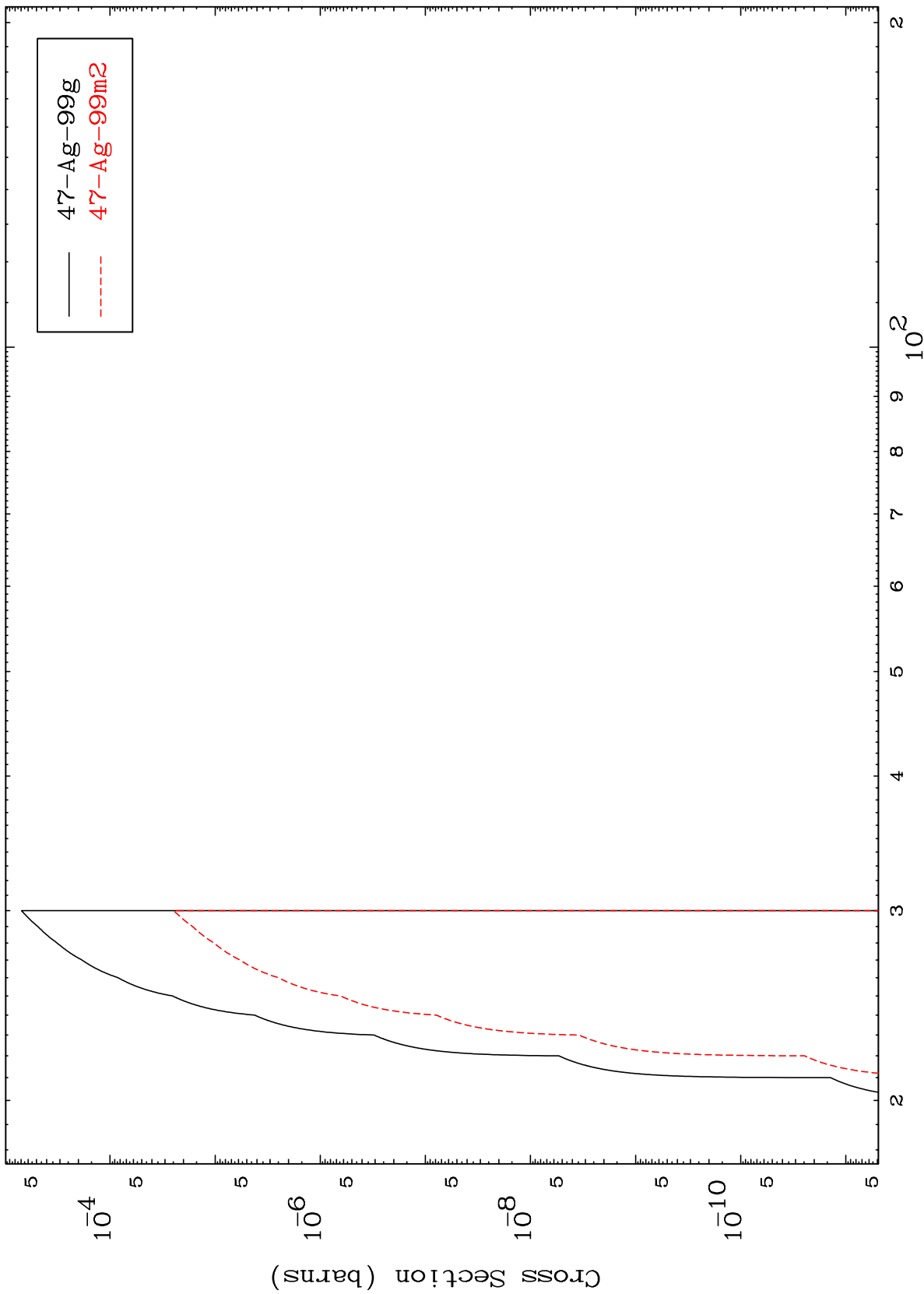


MAT 4813

(n,n') t

48-Cd-102

Radionuclide Production Cross Section



134

Incident Energy (MeV)

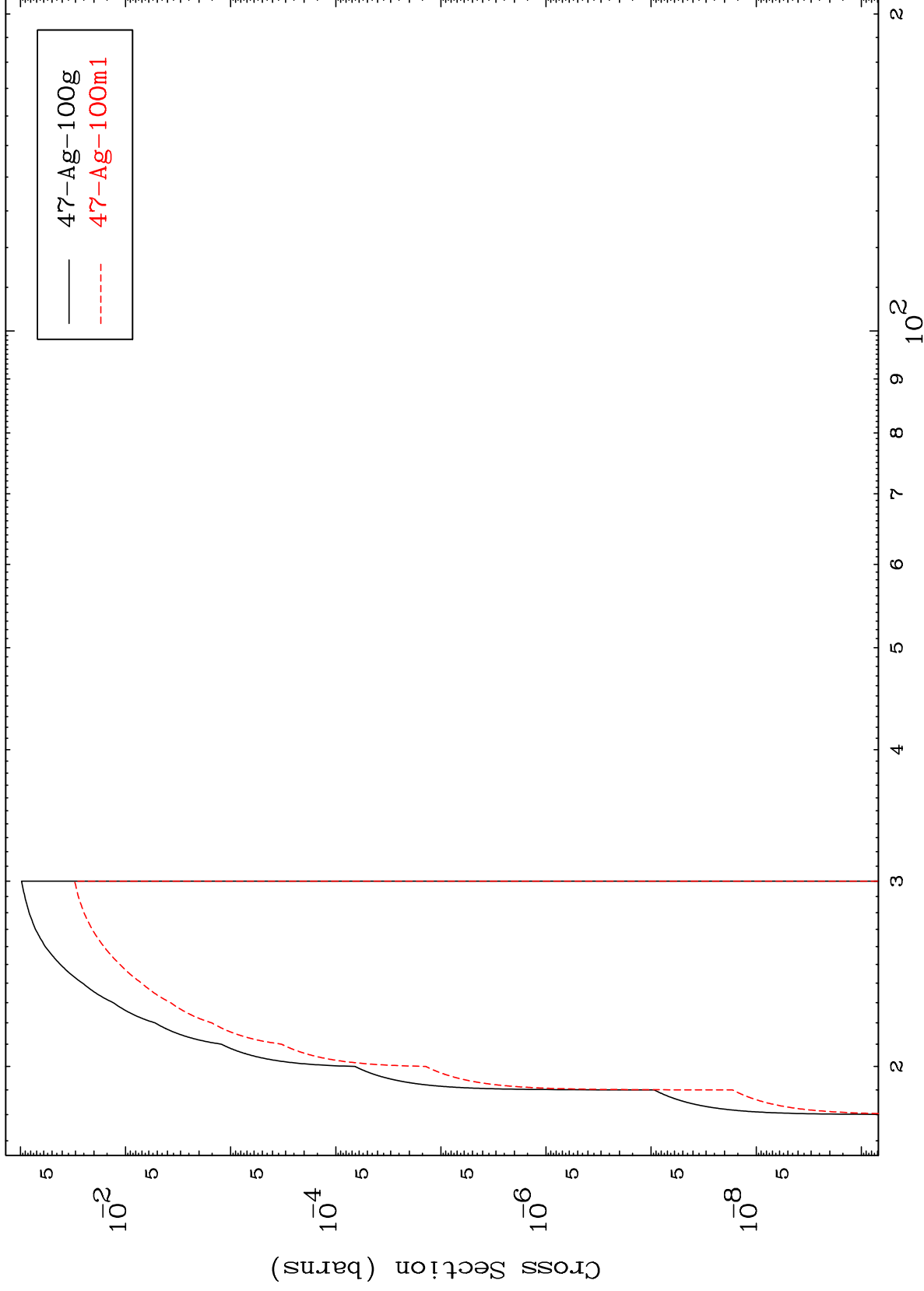
48-Cd-102

MAT 4813

(n,2n) p

48-Cd-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

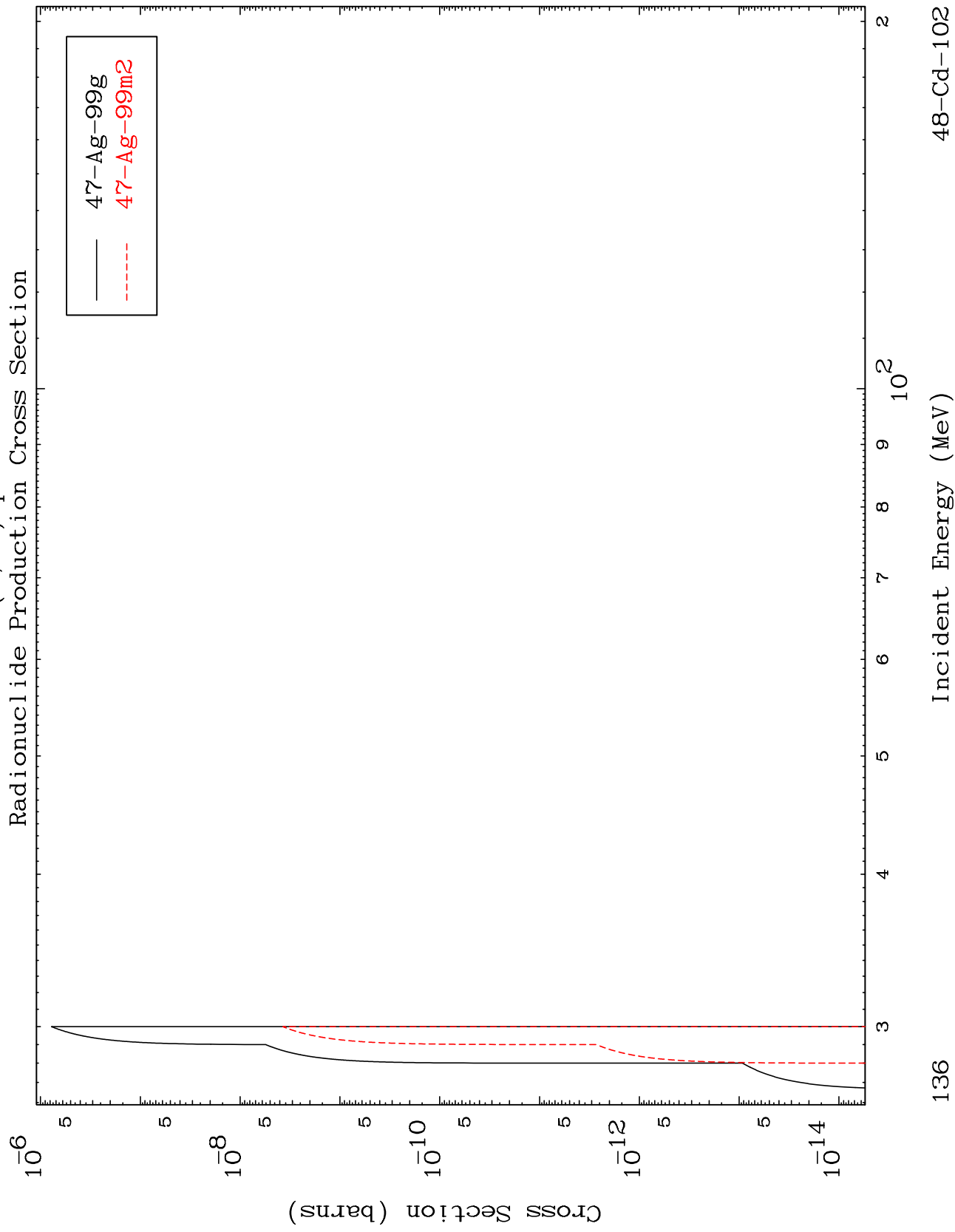
48-Cd-102

MAT 4813

(n,3n) p

48-Cd-102

Radionuclide Production Cross Section



136

Incident Energy (MeV)

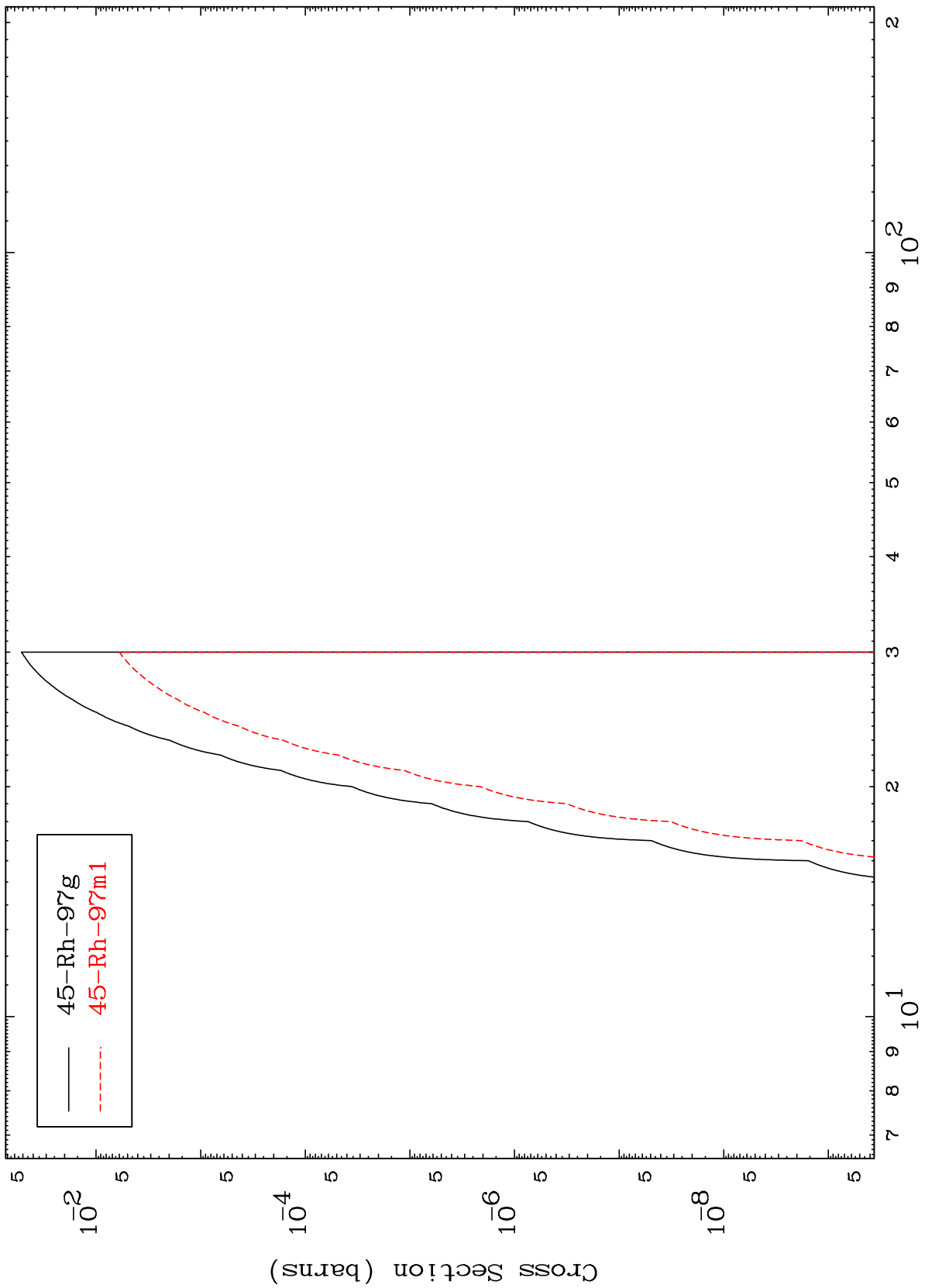
48-Cd-102

MAT 4813

(n,n') p α

48-Cd-102

Radionuclide Production Cross Section



137

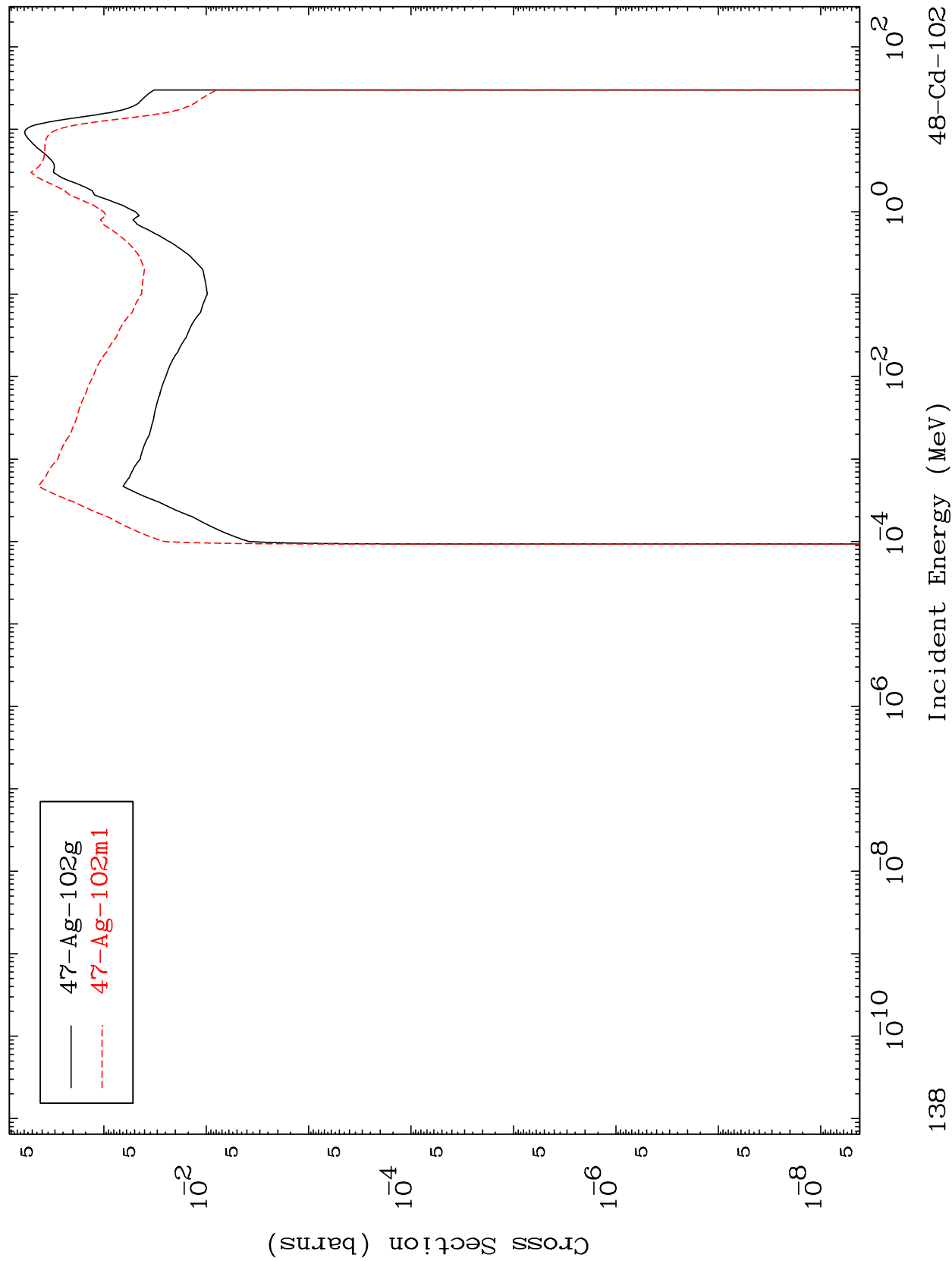
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,p)
Radionuclide Production Cross Section



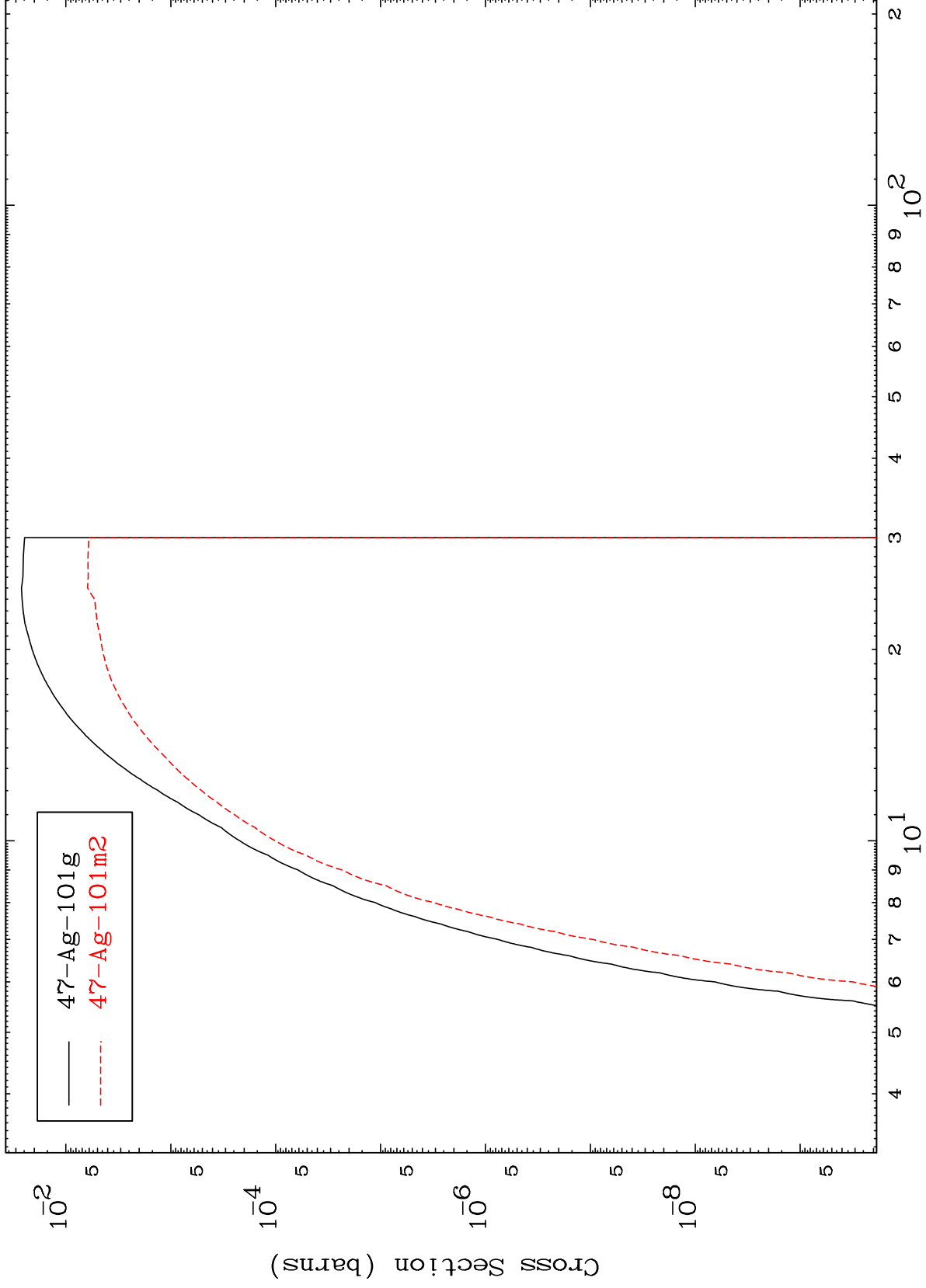
138

48-Cd-102

MAT 4813

48-Cd-102

(n,d)
Radionuclide Production Cross Section



139

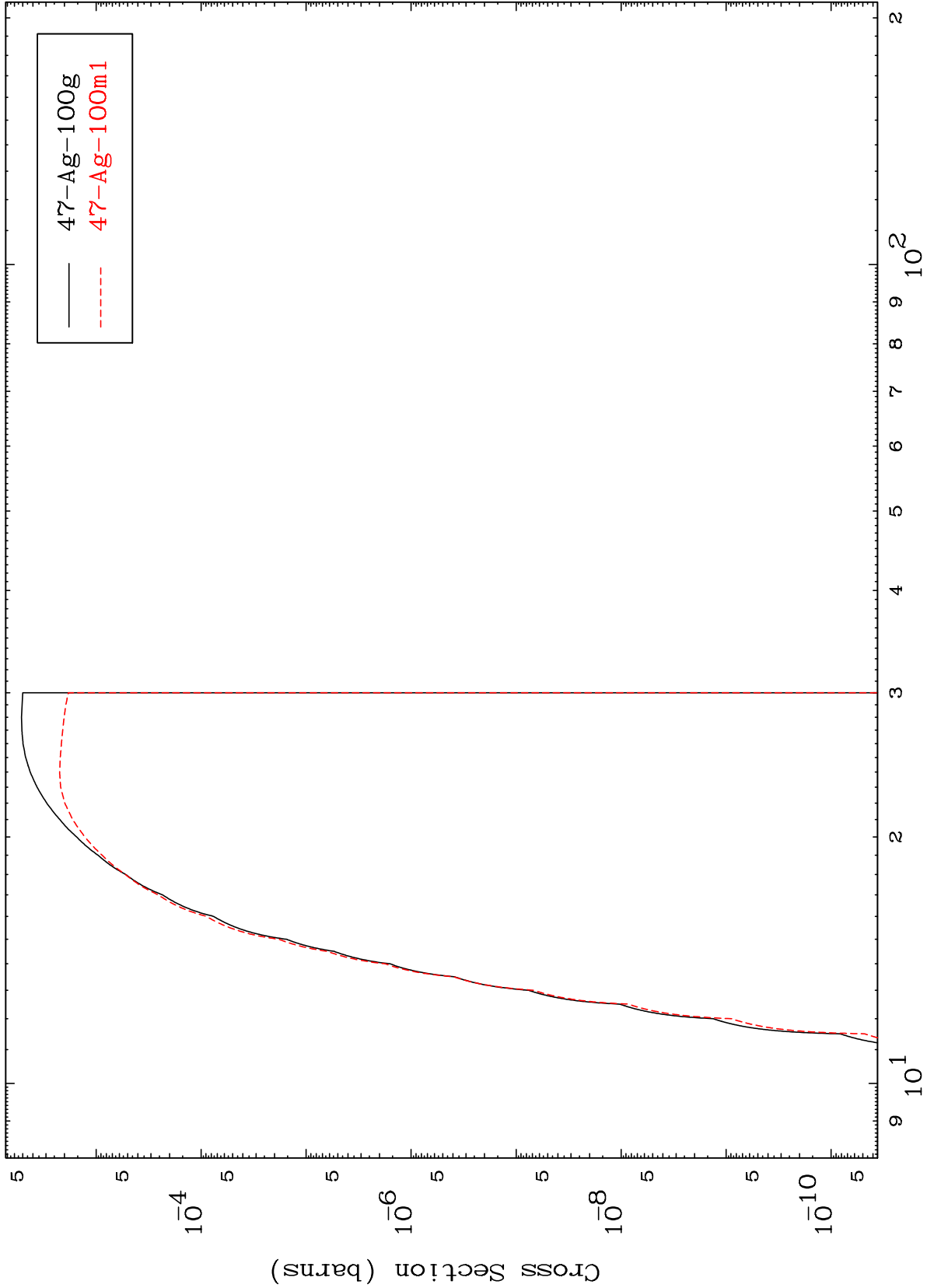
Incident Energy (MeV)

48-Cd-102

MAT 4813

48-Cd-102

(n,t)
Radionuclide Production Cross Section



48-Cd-102

Incident Energy (MeV)

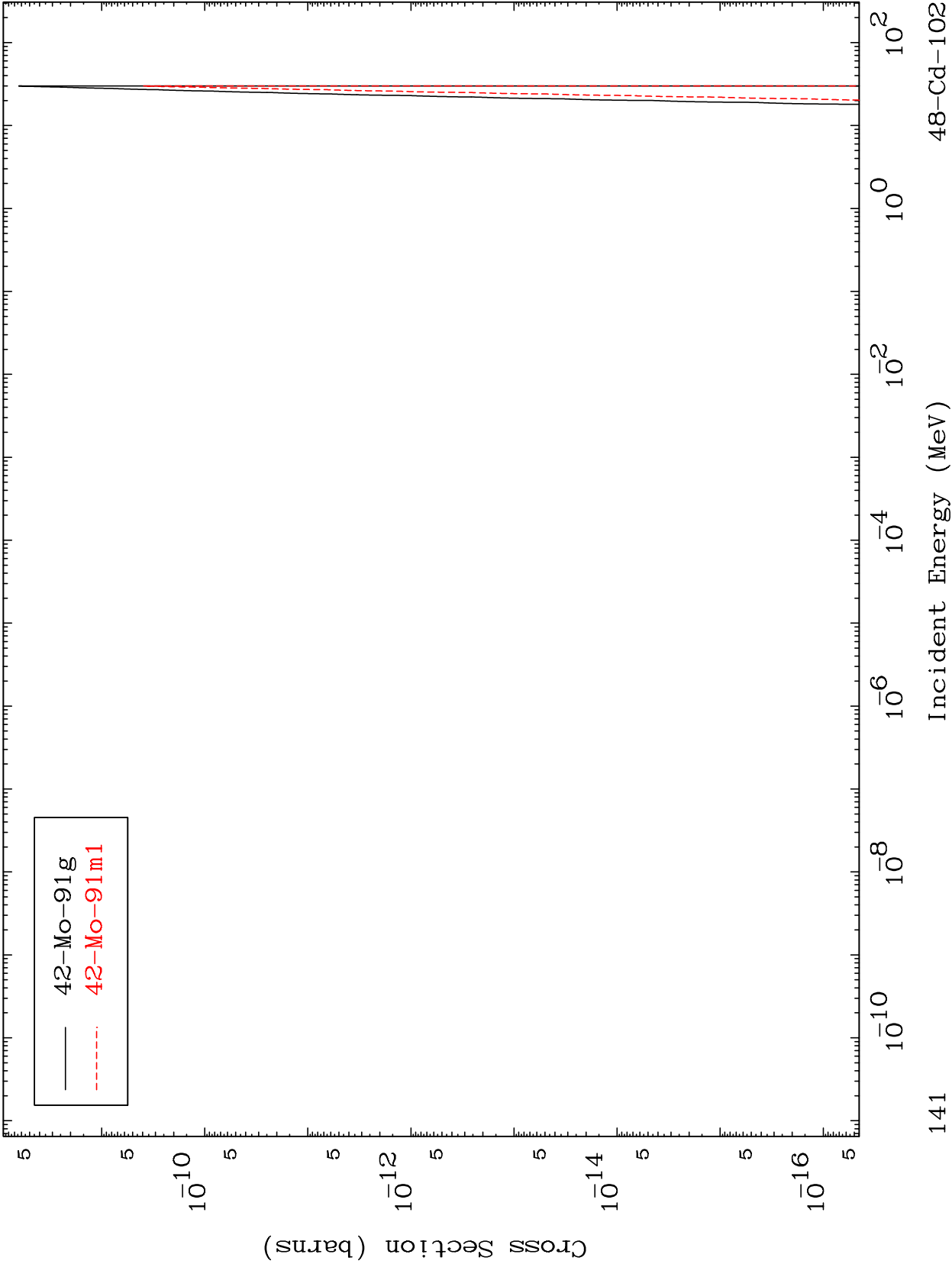
140

MAT 4813

(n,3 α)

48-Cd-102

Radionuclide Production Cross Section



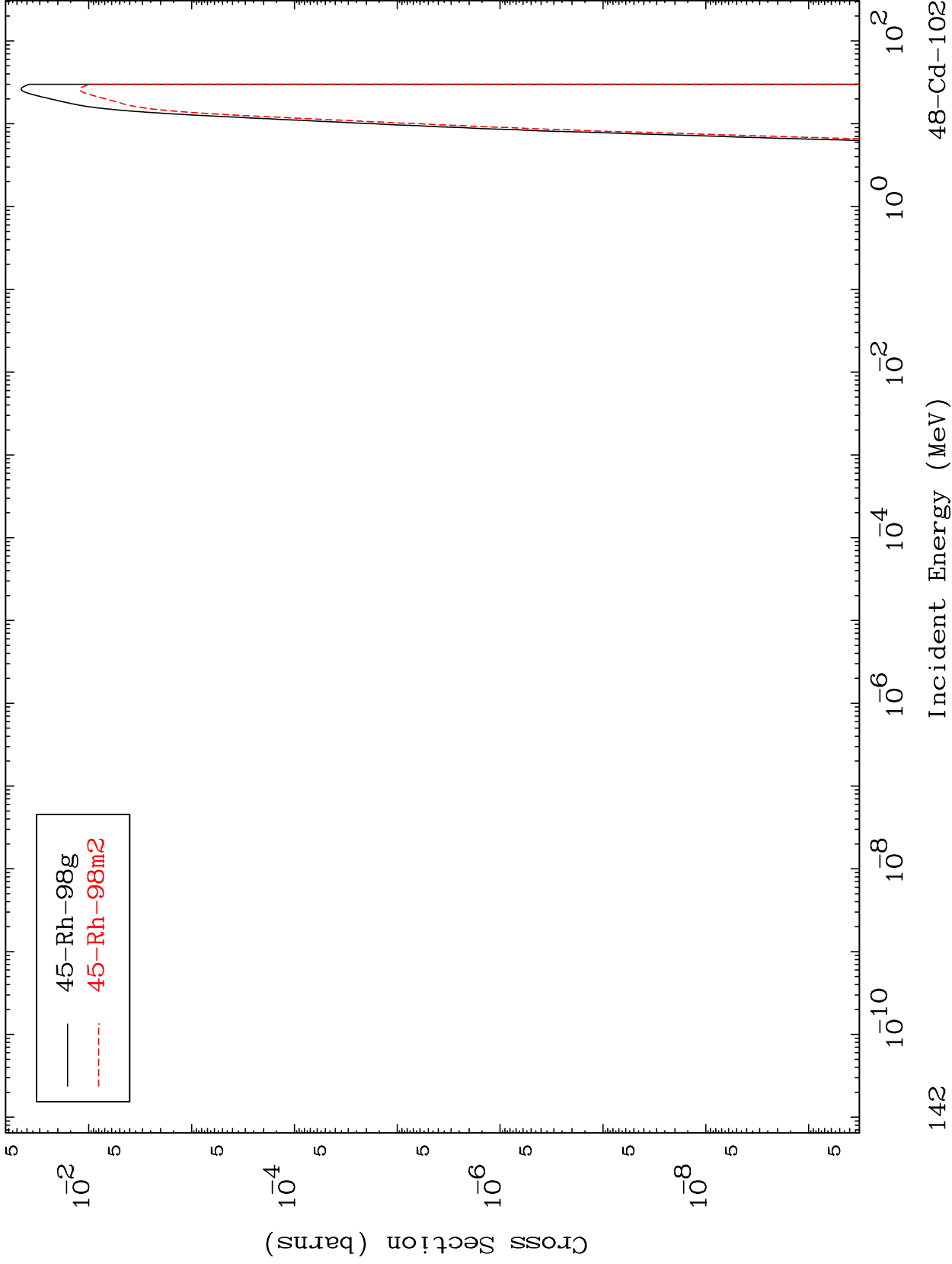
141

MAT 4813

(n,p) α

48-Cd-102

Radionuclide Production Cross Section



142

Incident Energy (MeV)

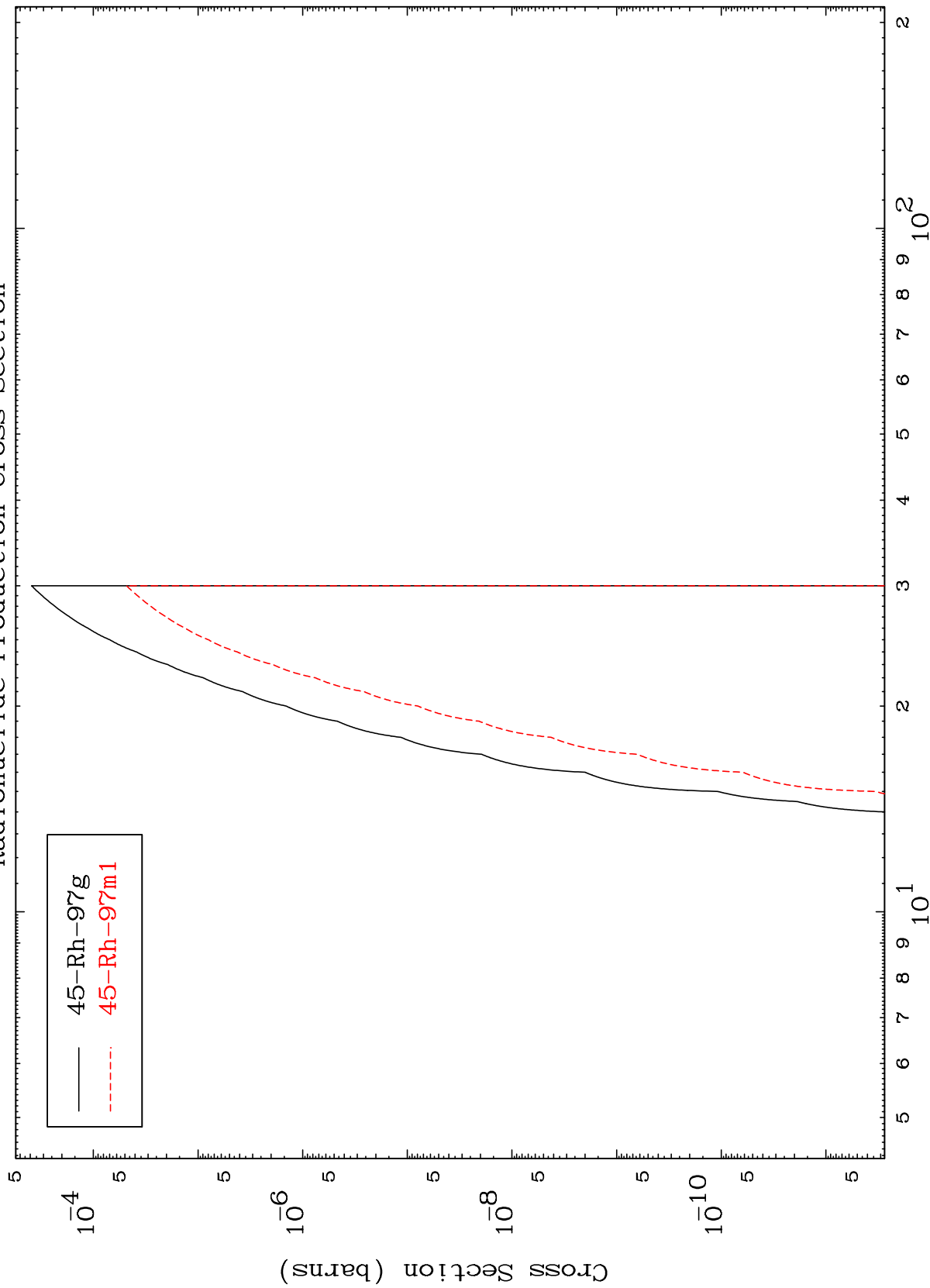
48-Cd-102

MAT 4813

(n,d) α

48-Cd-102

Radionuclide Production Cross Section



143

Incident Energy (MeV)

48-Cd-102