

Program EVALPLOT
(Version 2015-2)

by

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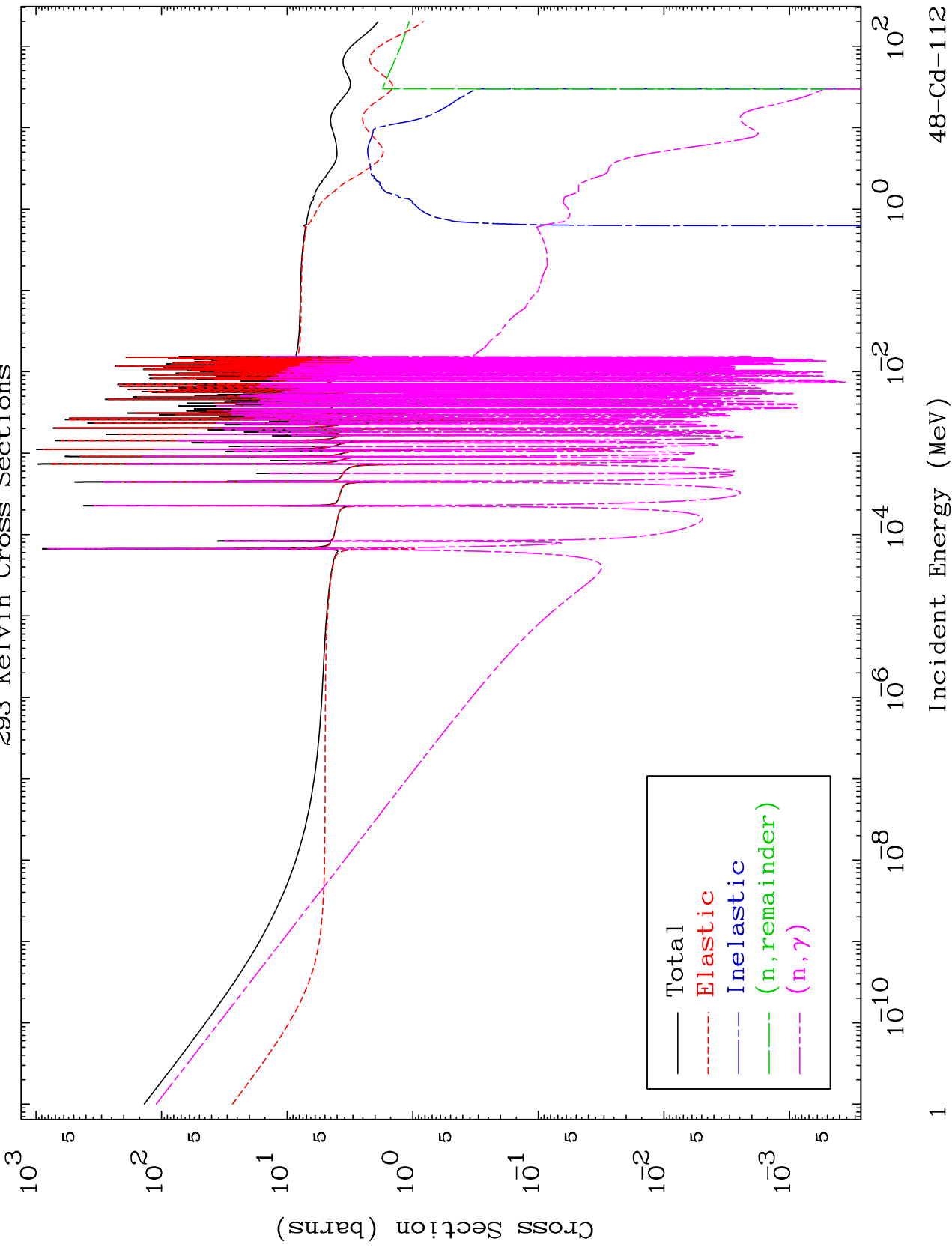
Press Mouse Button to Start

MAT 4843

Major

293 Kelvin Cross Sections

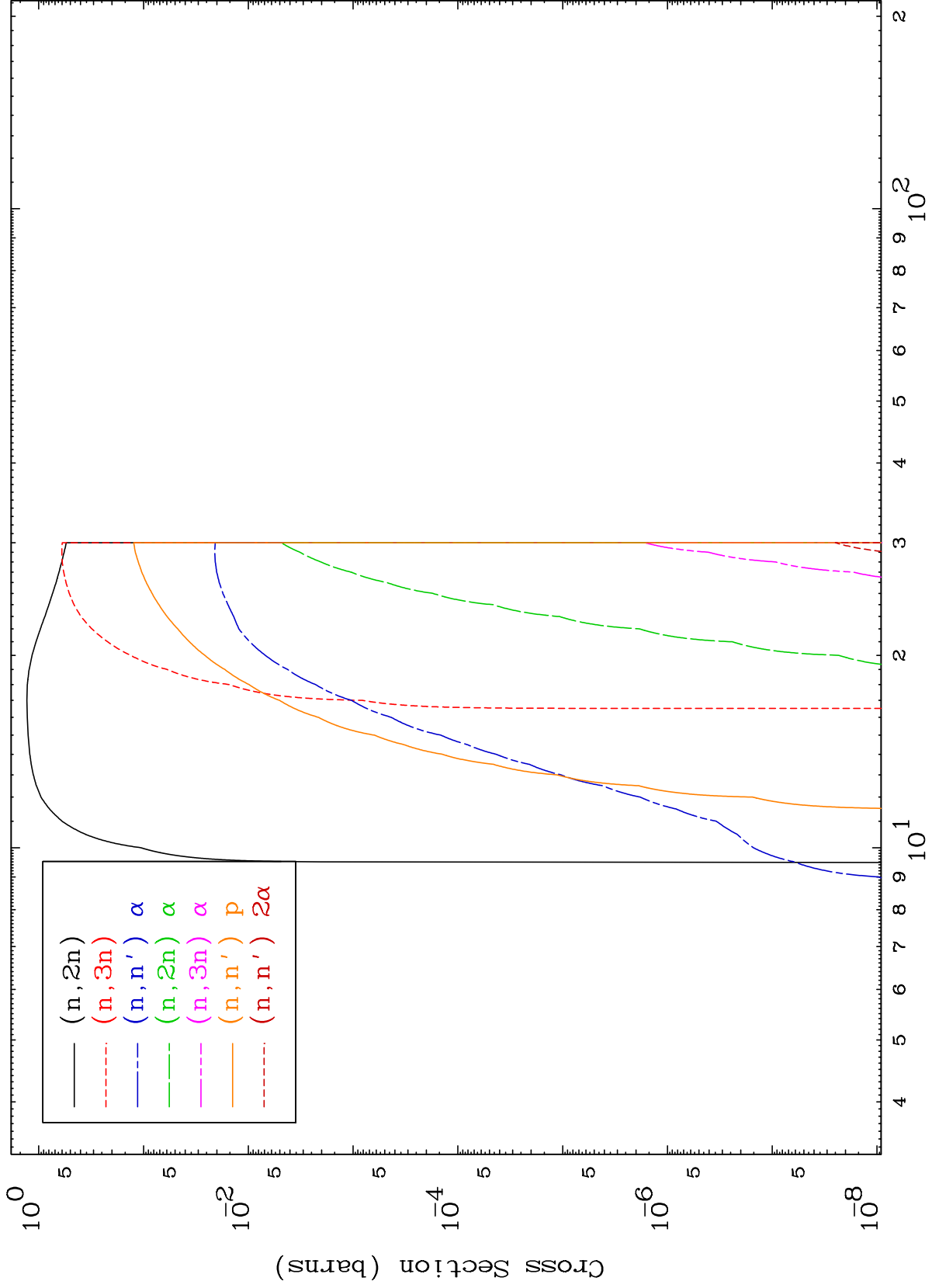
48-Cd-112



MAT 4843

Neutron Production
293 Kelvin Cross Sections

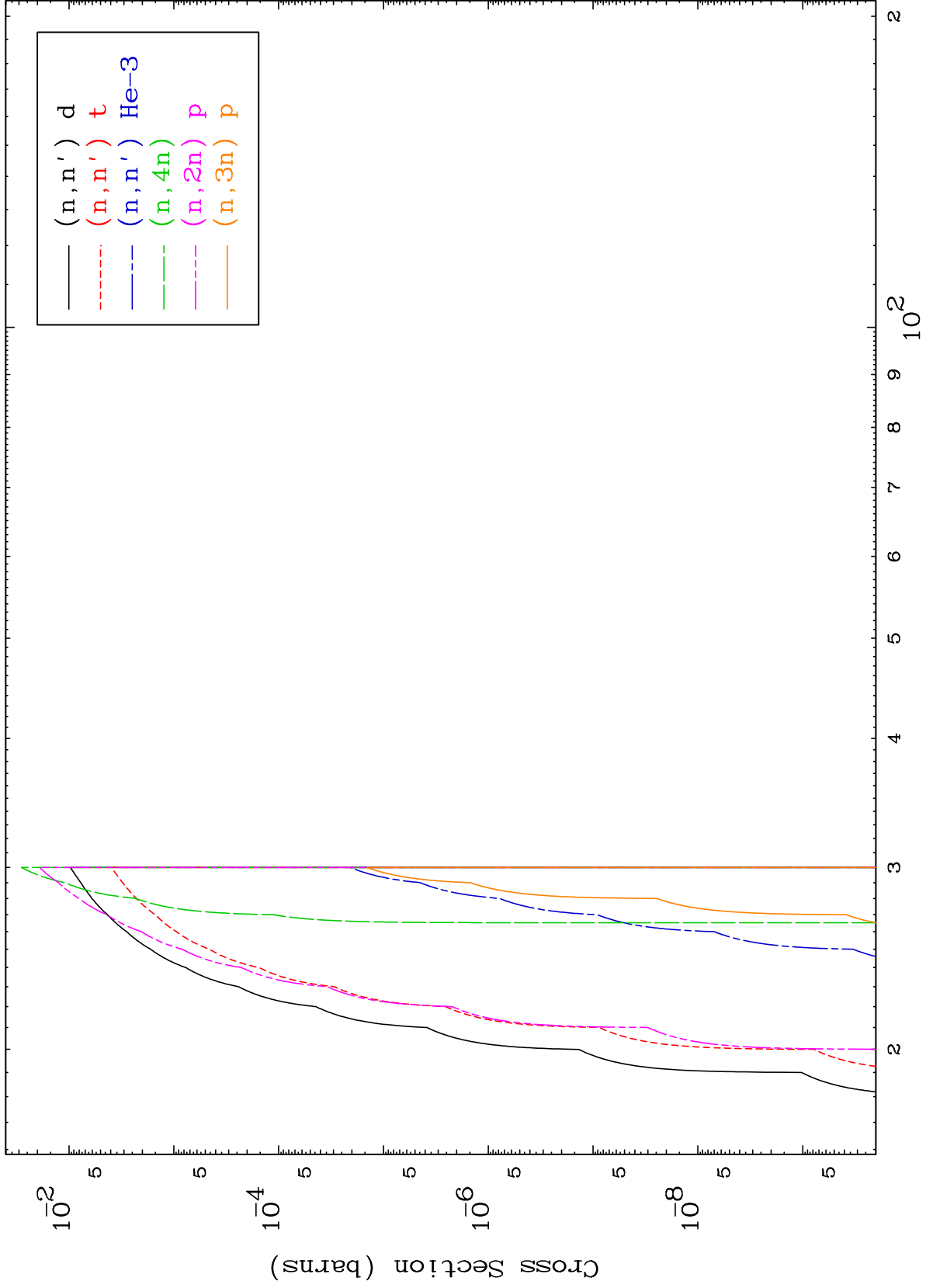
48-Cd-112



MAT 4843

Neutron Production
293 Kelvin Cross Sections

48-Cd-112



3

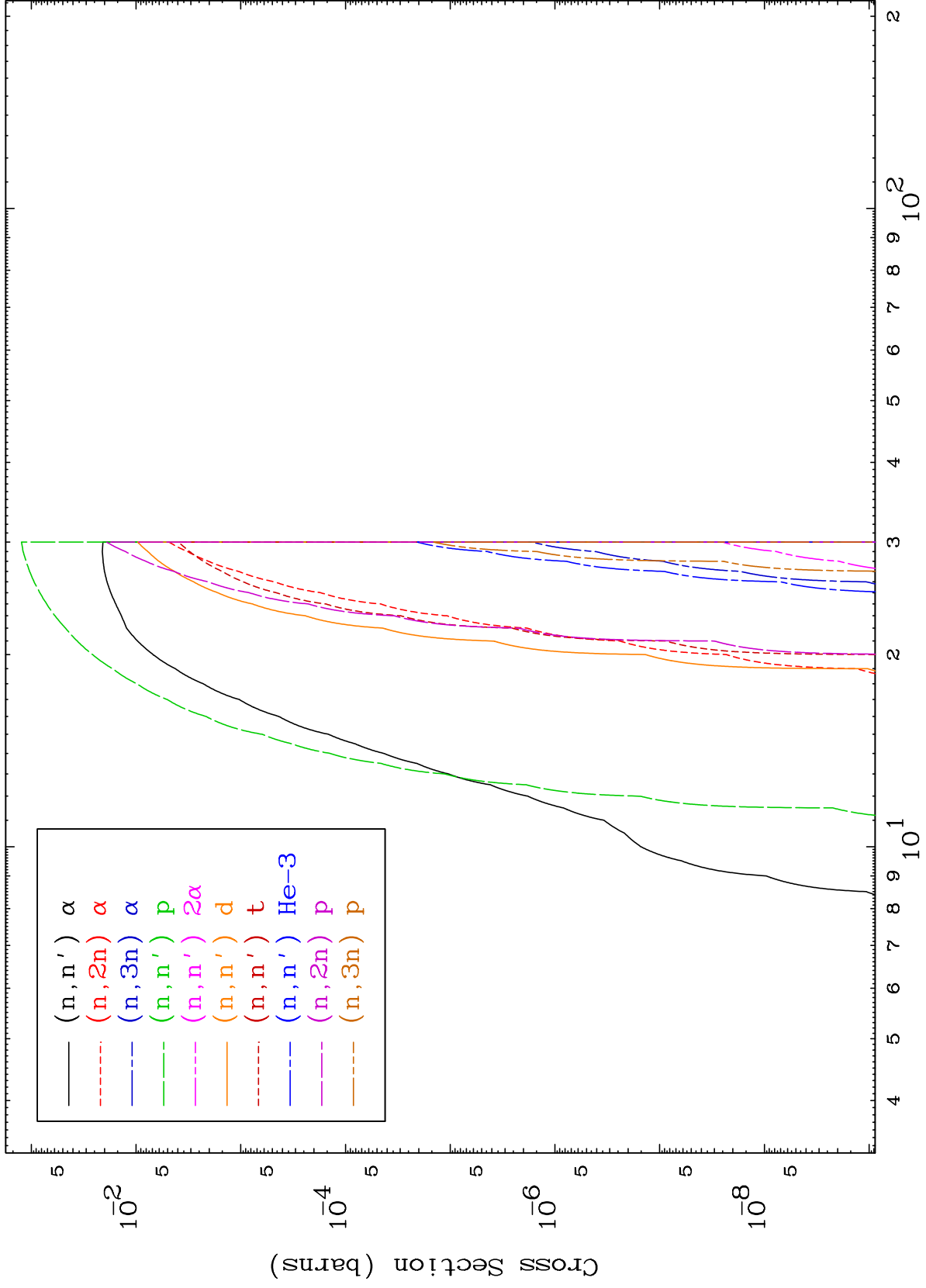
Incident Energy (MeV)

48-Cd-112

MAT 4843

Charged Particle
293 Kelvin Cross Sections

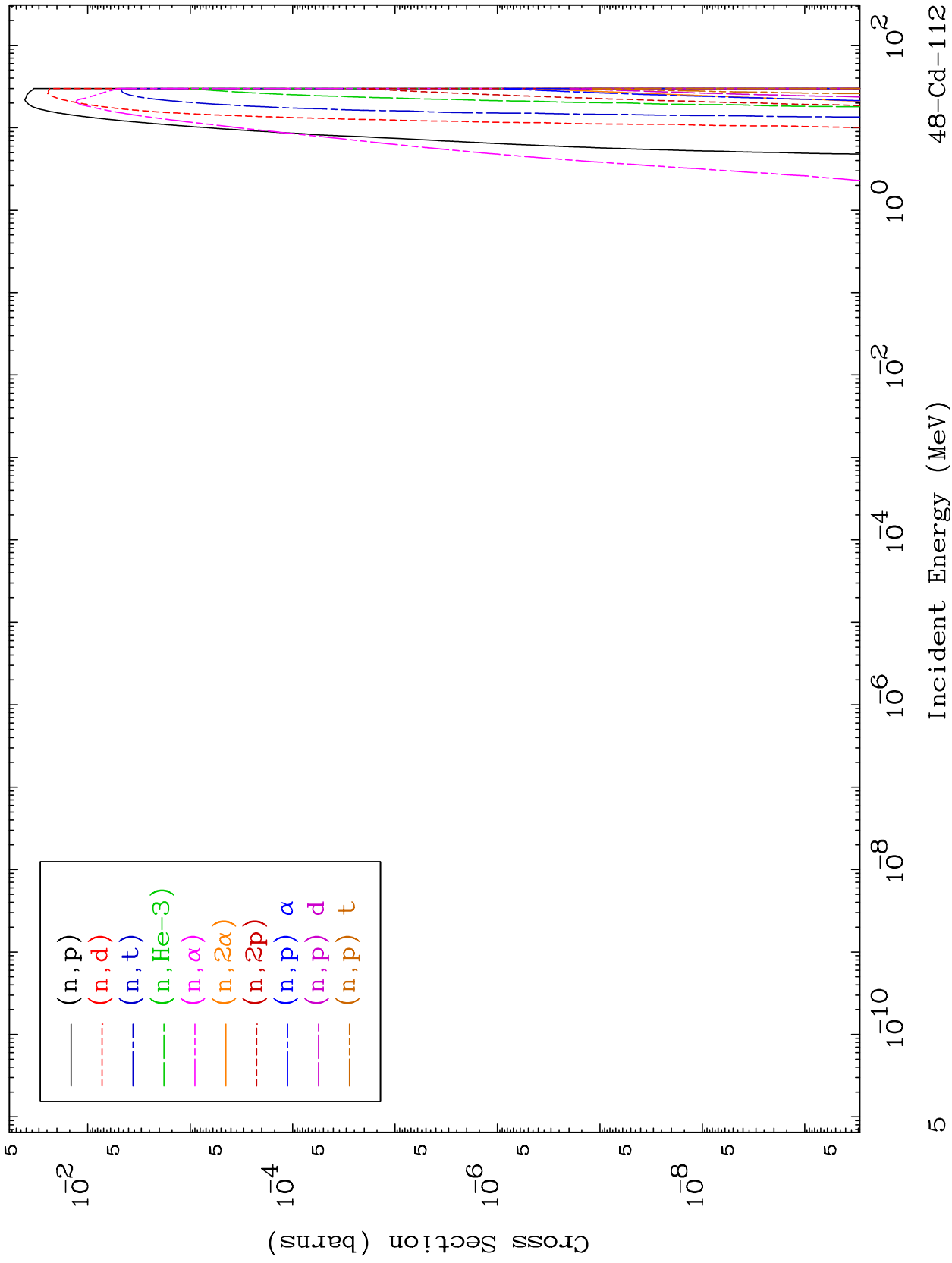
48-Cd-112



MAT 4843

Charged Particle
293 Kelvin Cross Sections

48-Cd-112



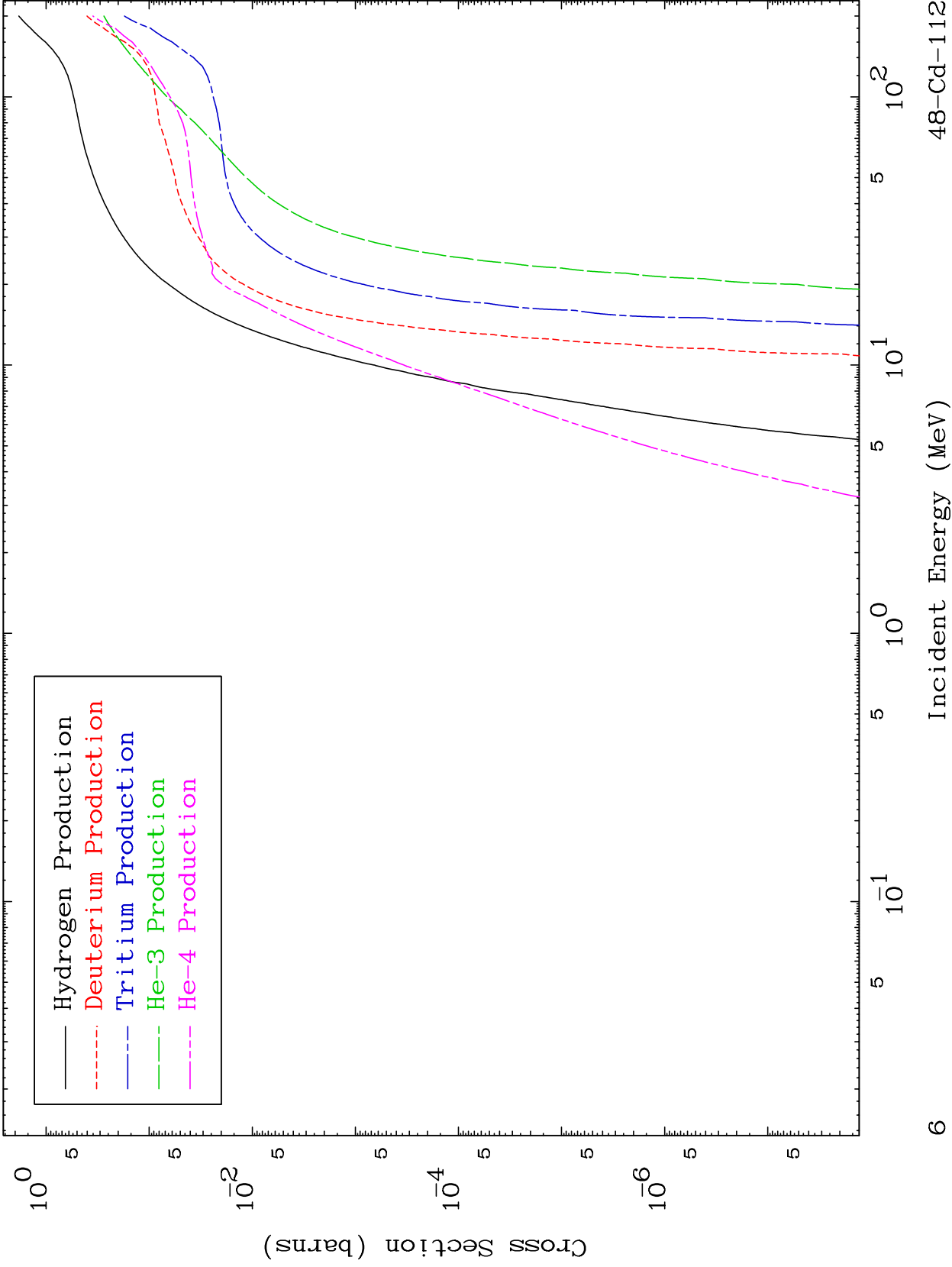
5

48-Cd-112

MAT 4843

Particle Production
293 Kelvin Cross Sections

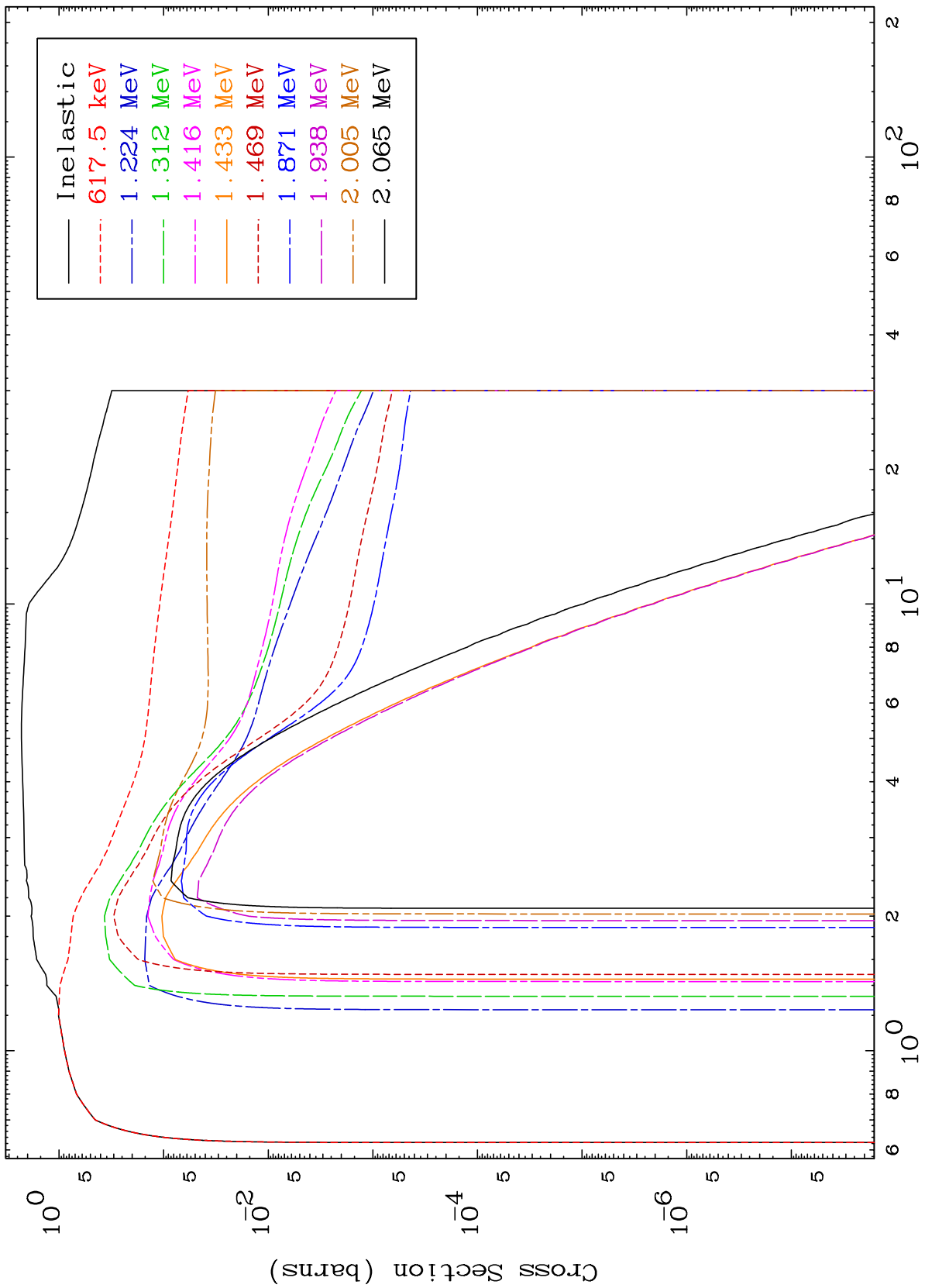
48-Cd-112



MAT 4843

(n,n') Level
293 Kelvin Cross Sections

48-Cd-112



7

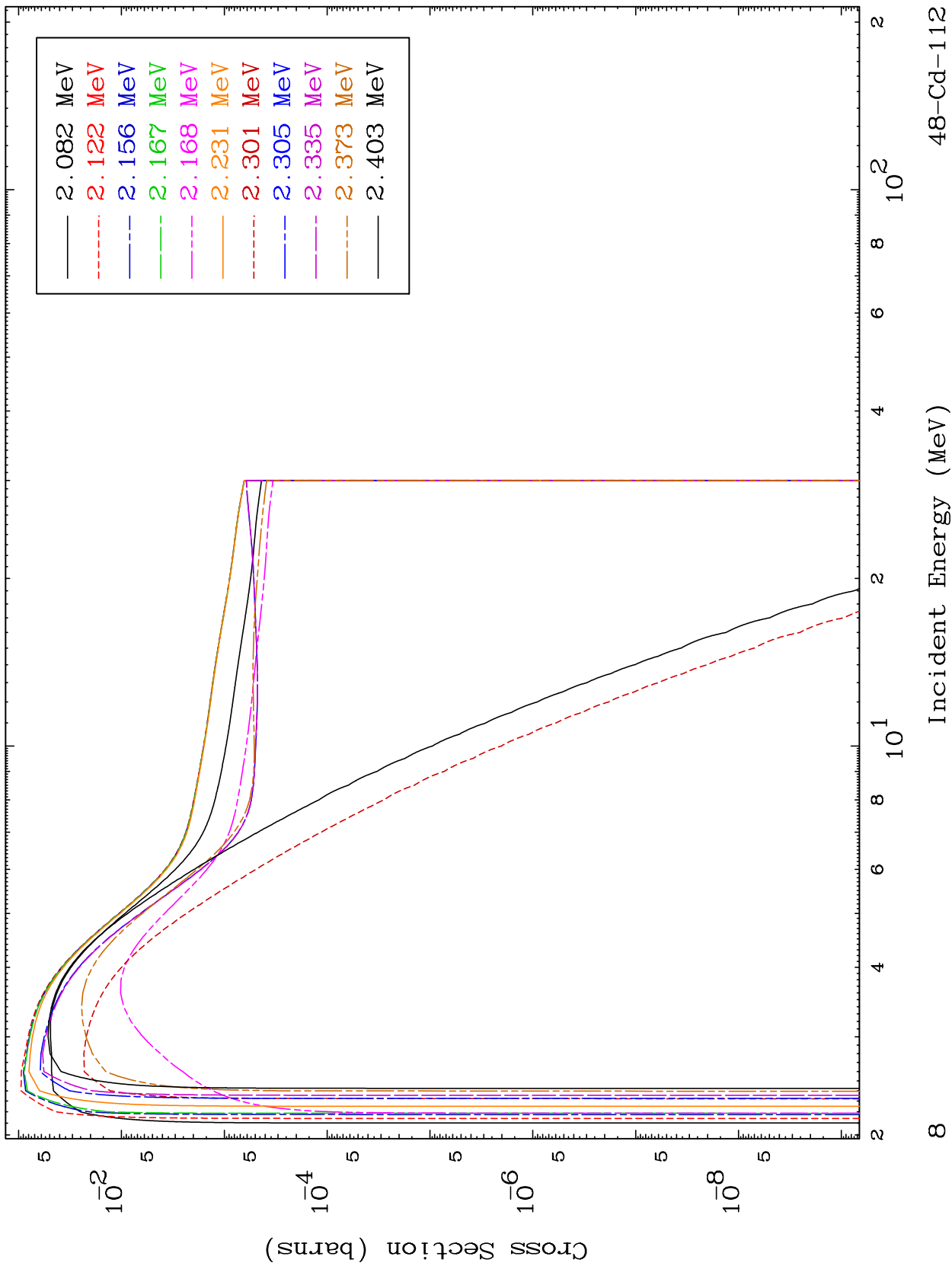
Incident Energy (MeV)

48-Cd-112

MAT 4843

(n,n') Level
293 Kelvin Cross Sections

48-Cd-112



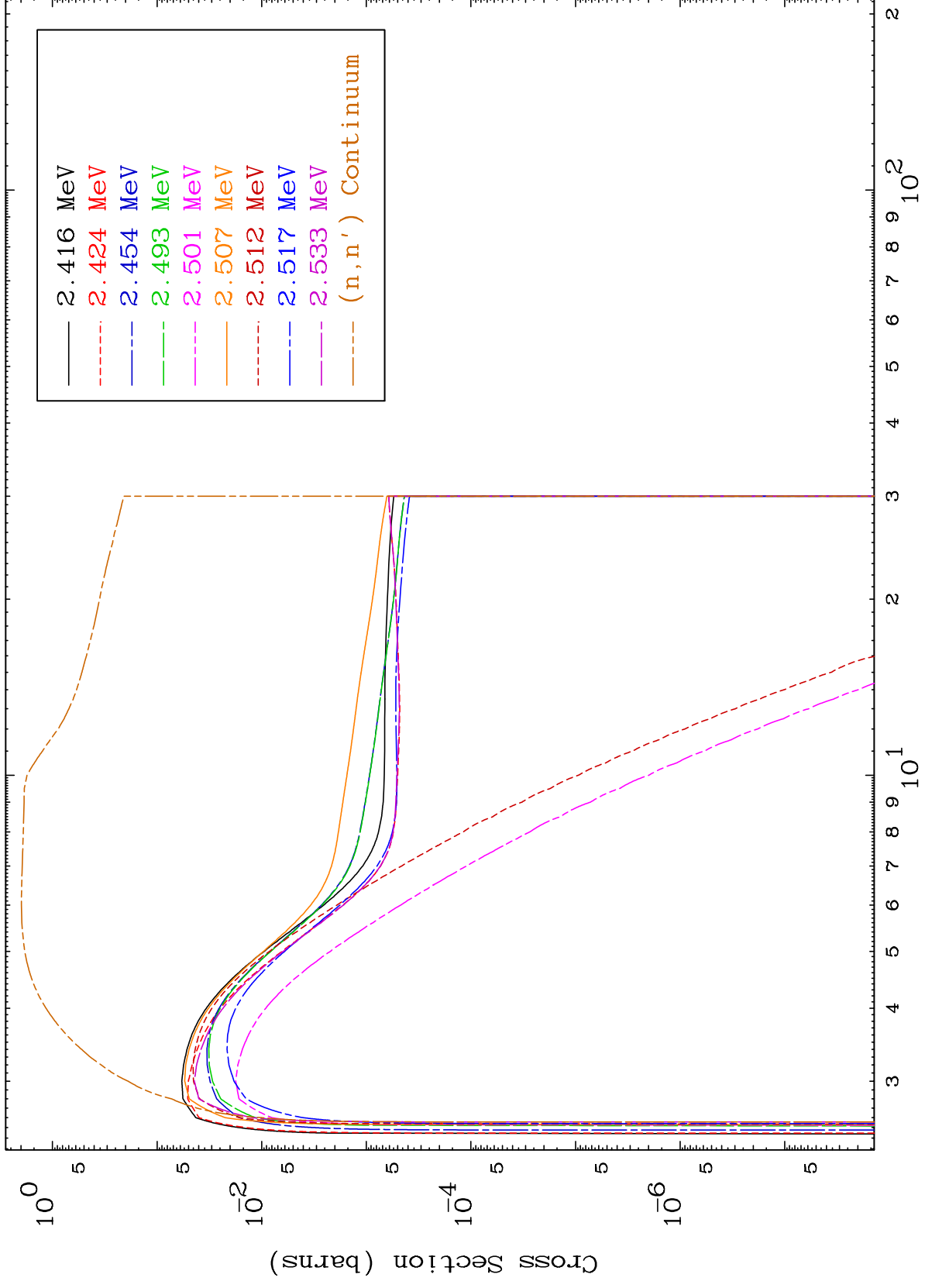
8

MAT 4843

(n,n') Level

48-Cd-112

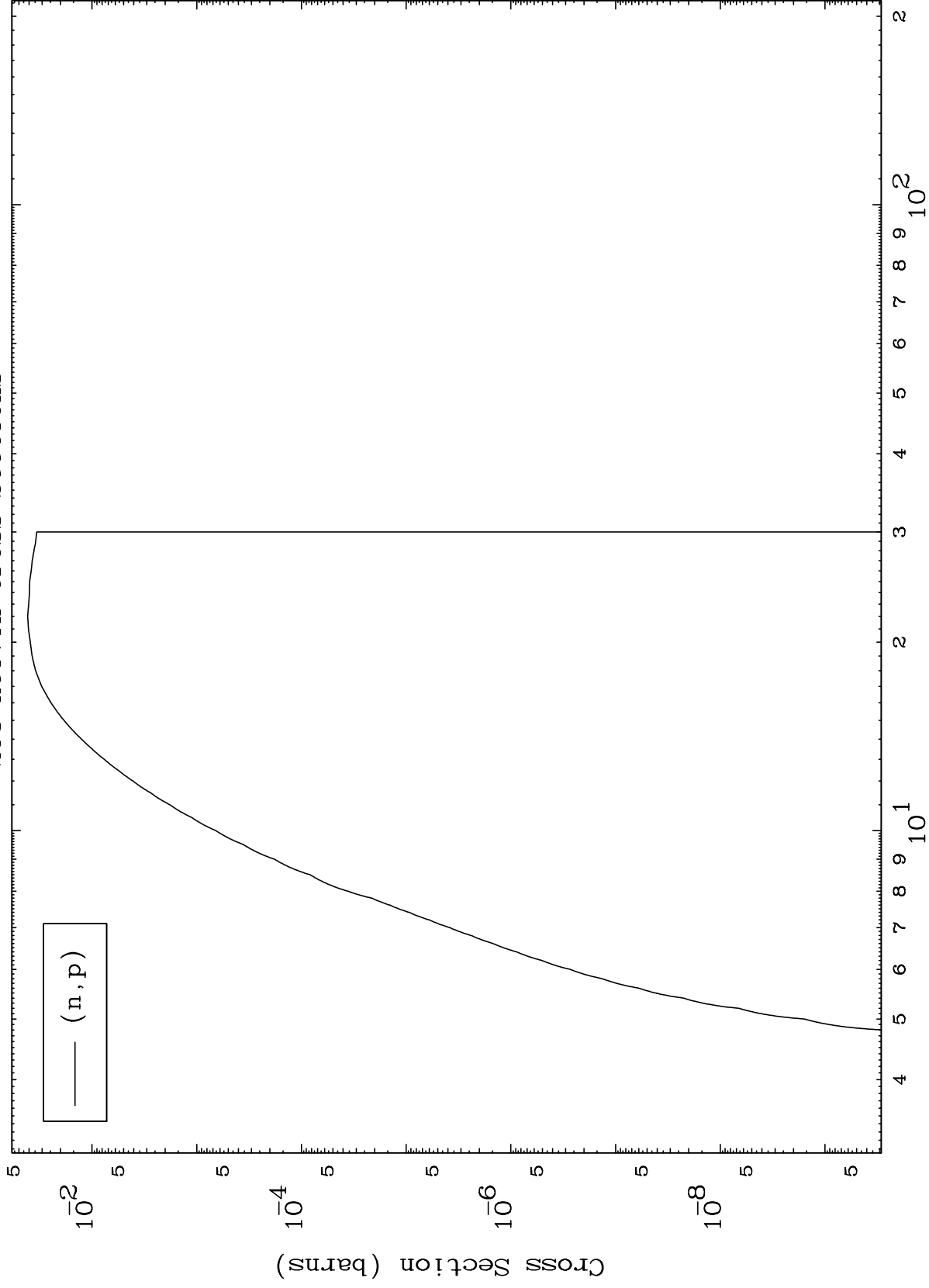
293 Kelvin Cross Sections



MAT 4843

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-112



10

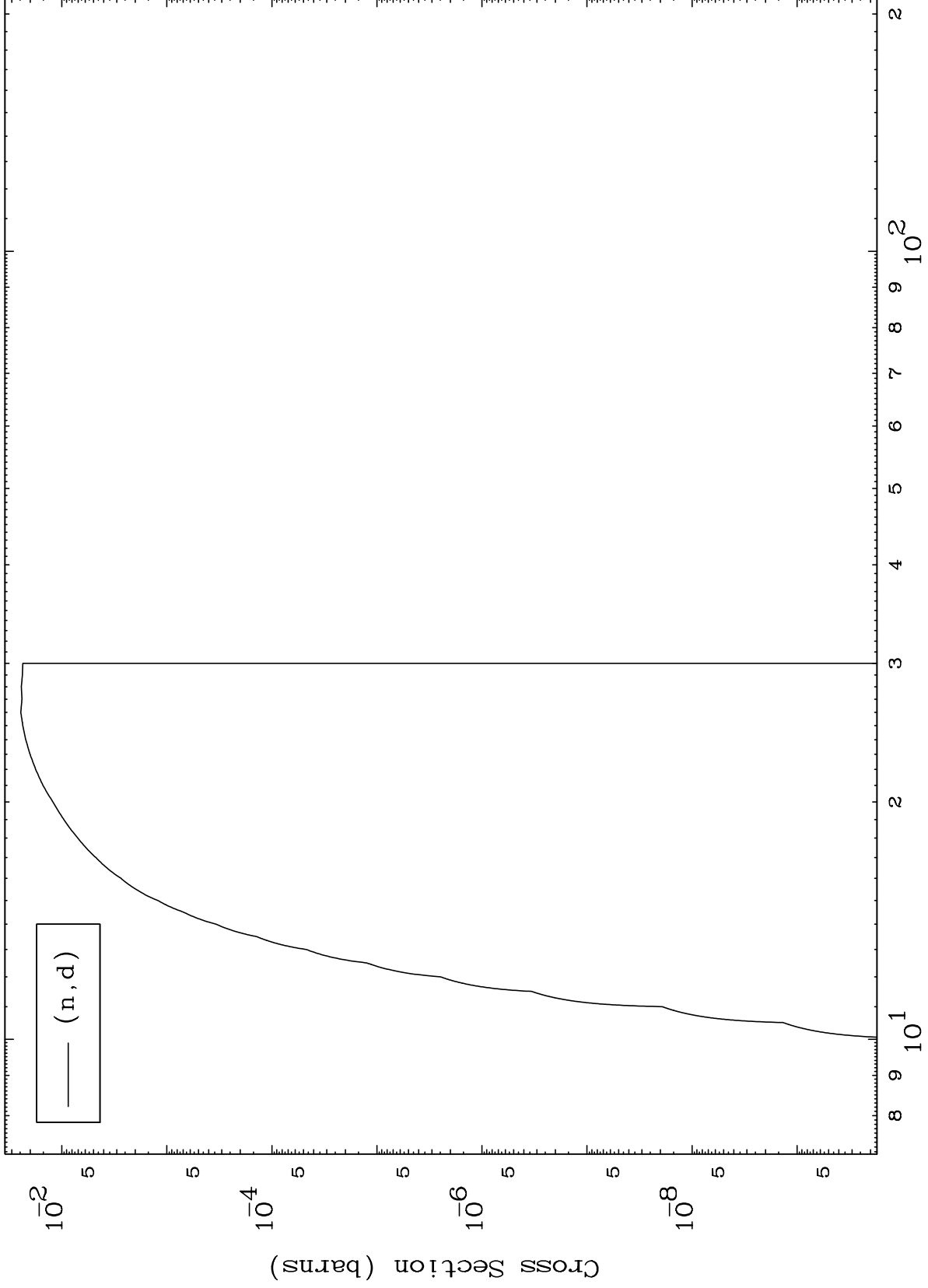
Incident Energy (MeV)

48-Cd-112

MAT 4843

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-112



11

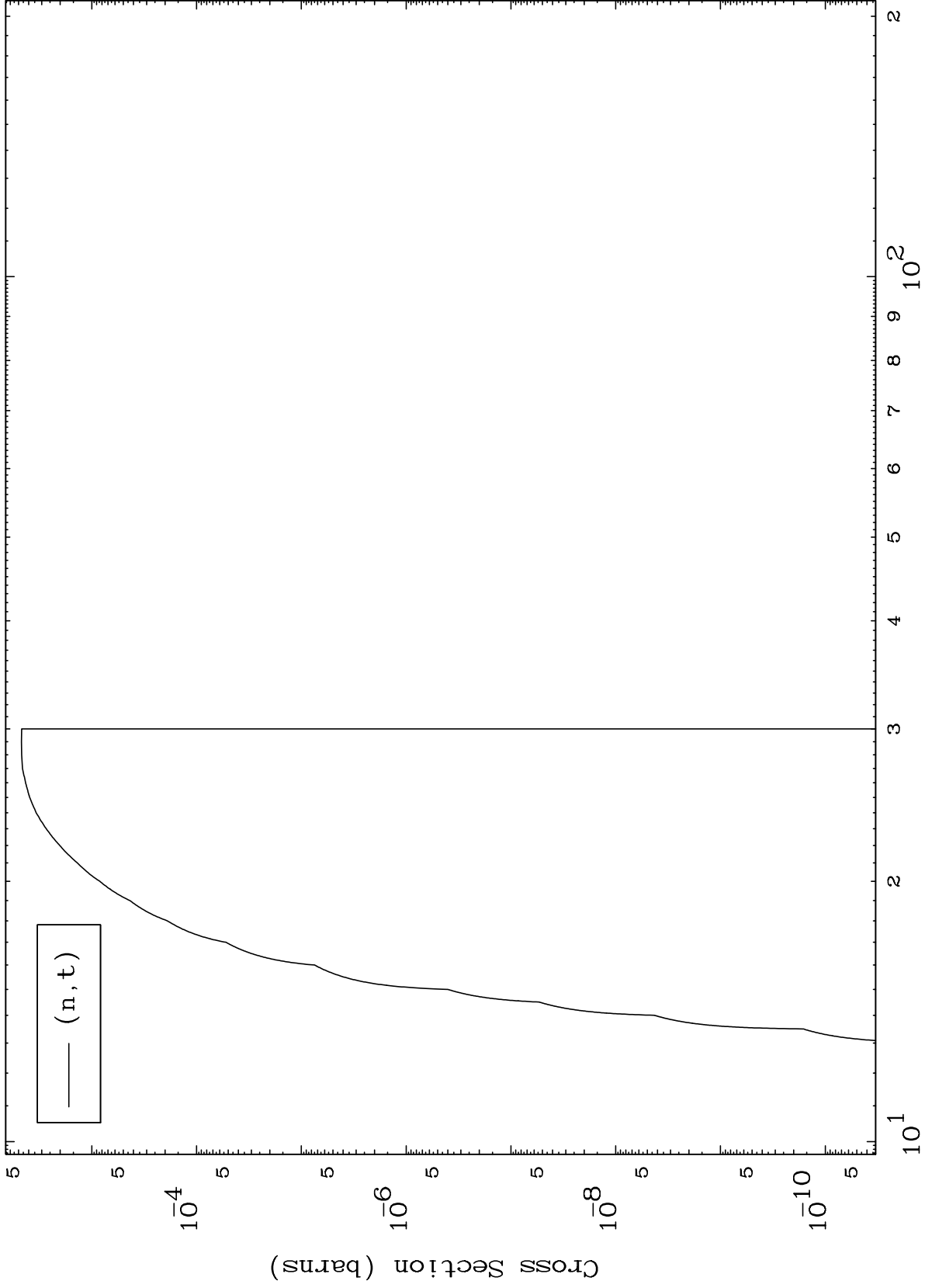
Incident Energy (MeV)

48-Cd-112

MAT 4843

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-112



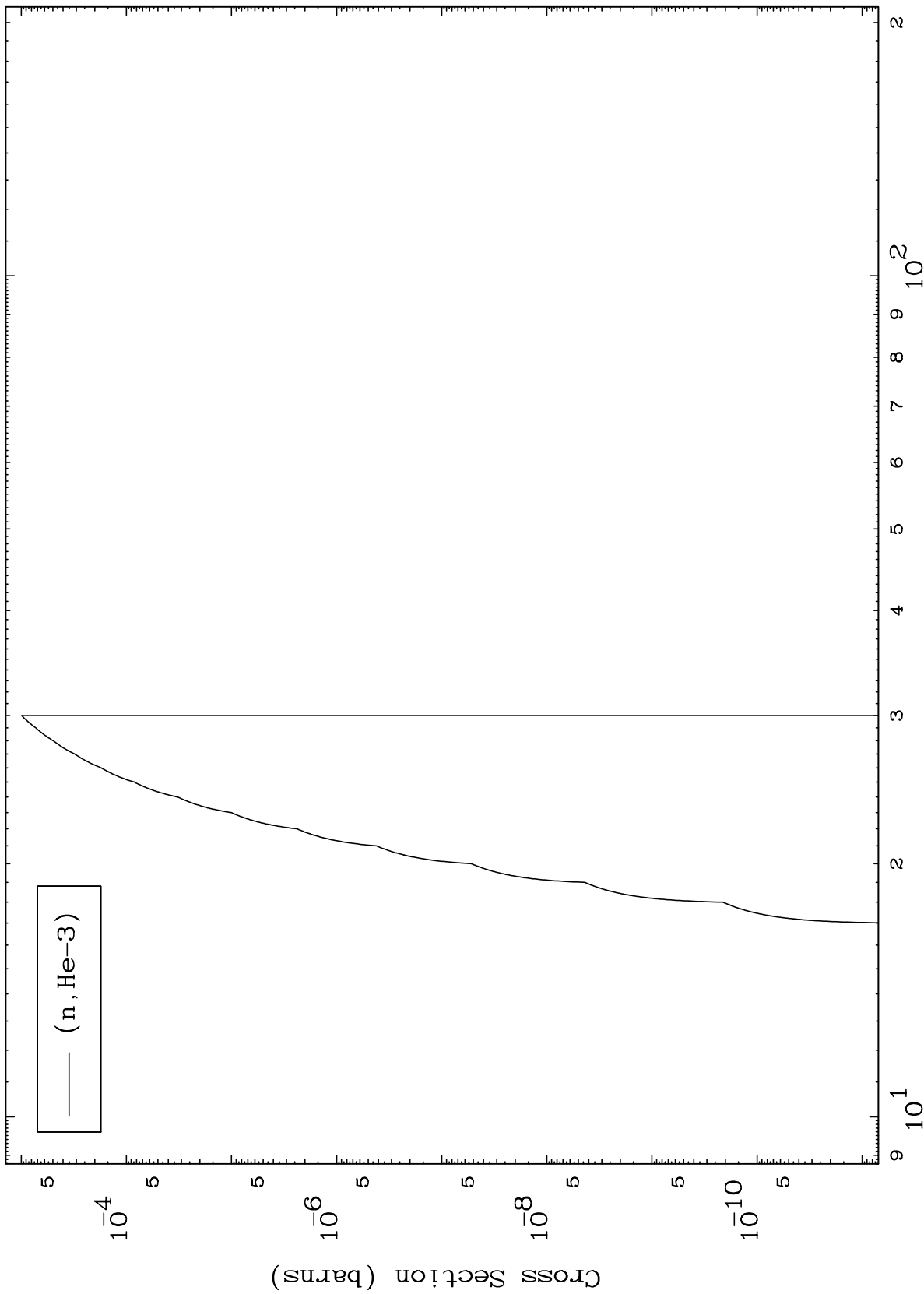
Incident Energy (MeV)

48-Cd-112

MAT 4843

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-112



13

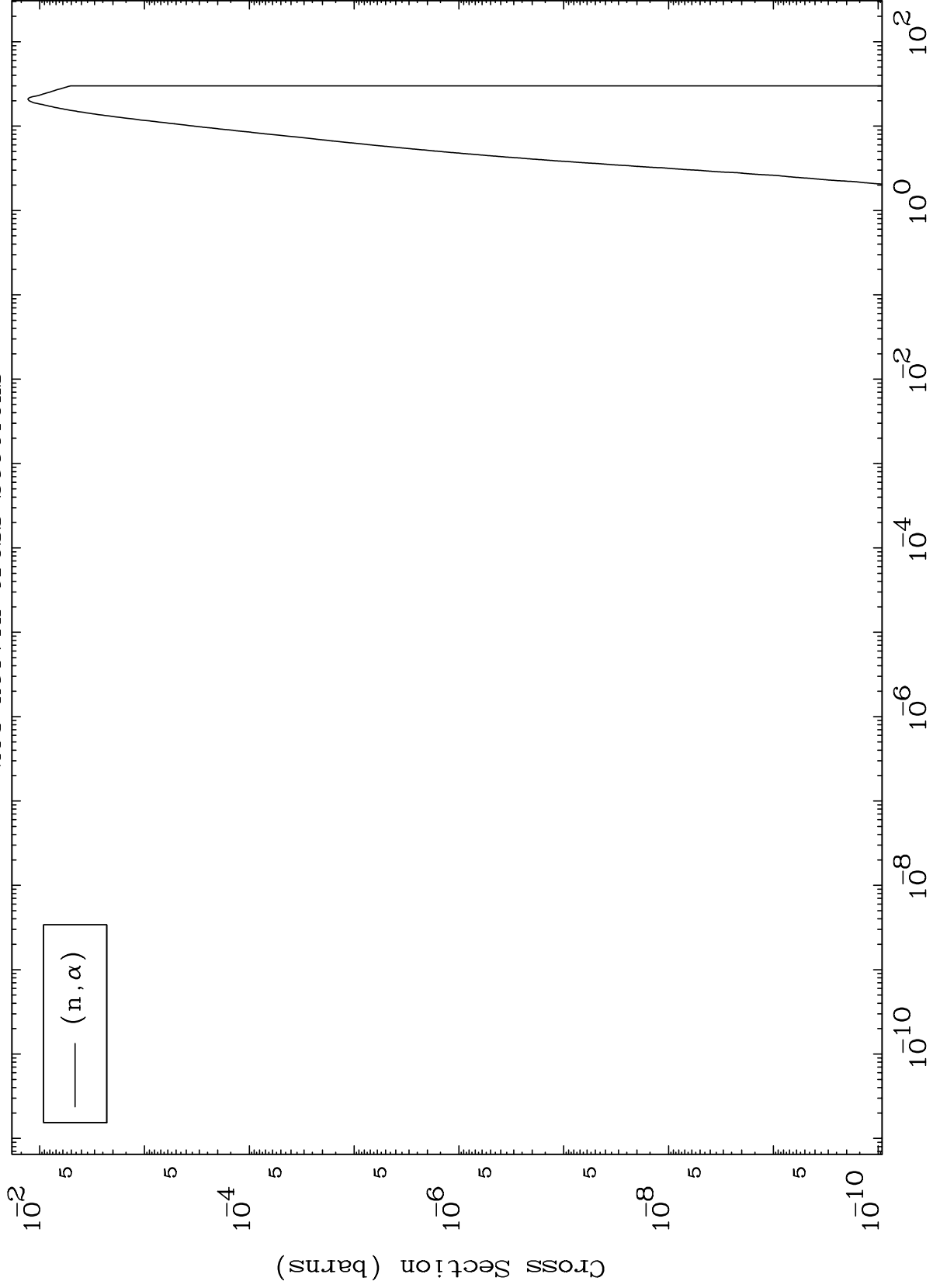
Incident Energy (MeV)

48-Cd-112

MAT 4843

(n, α) Levels
293 Kelvin Cross Sections

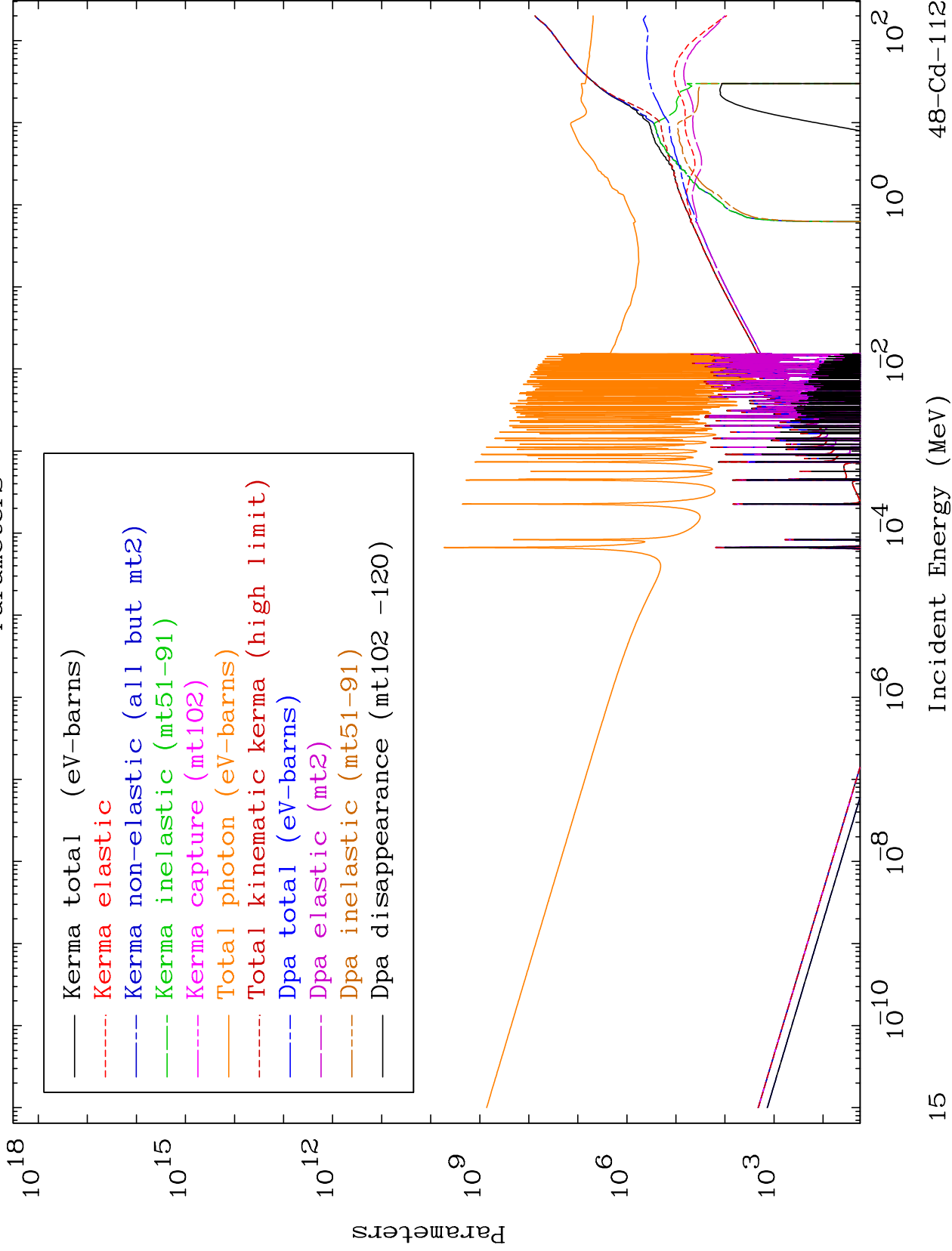
48-Cd-112



14

Incident Energy (MeV)

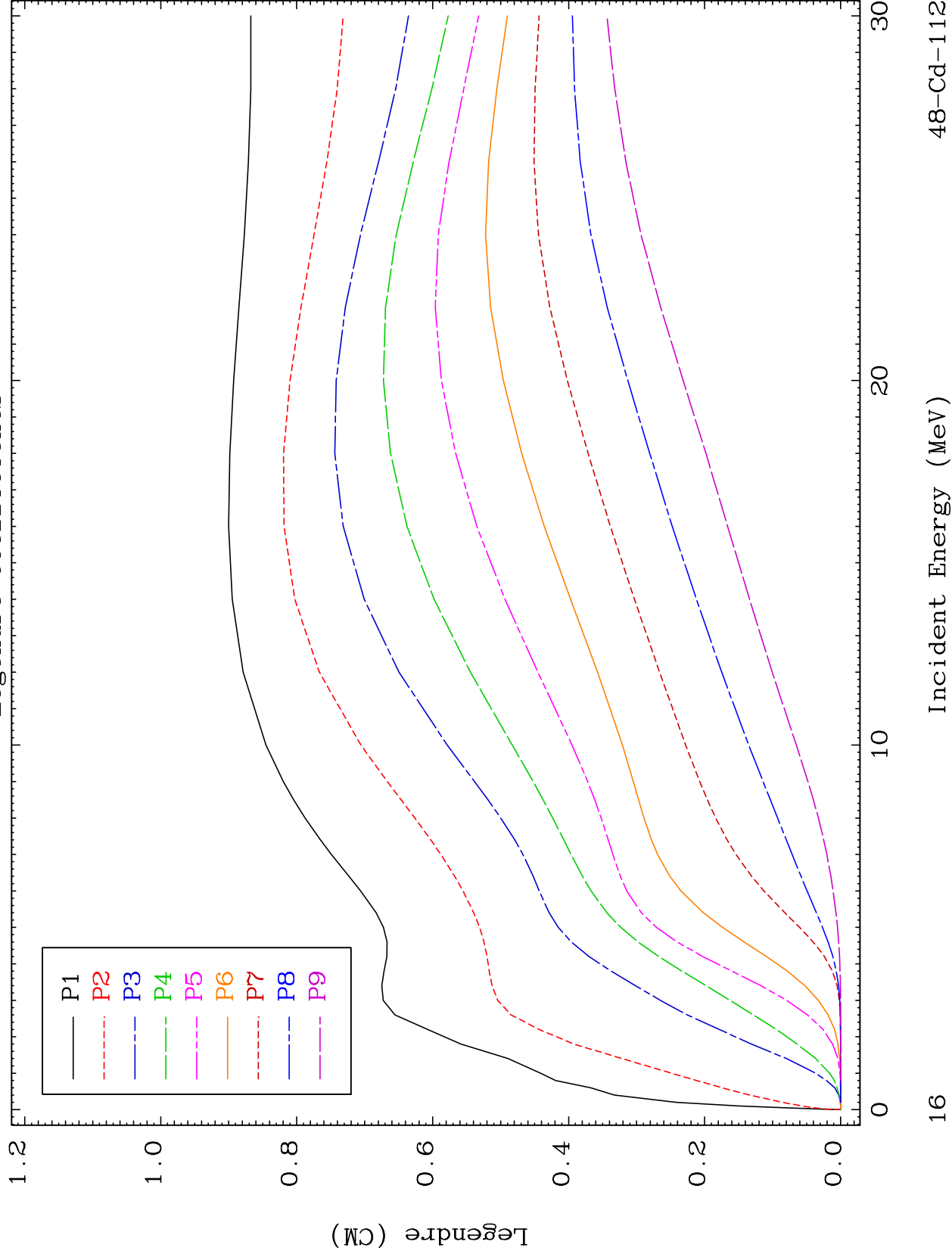
48-Cd-112

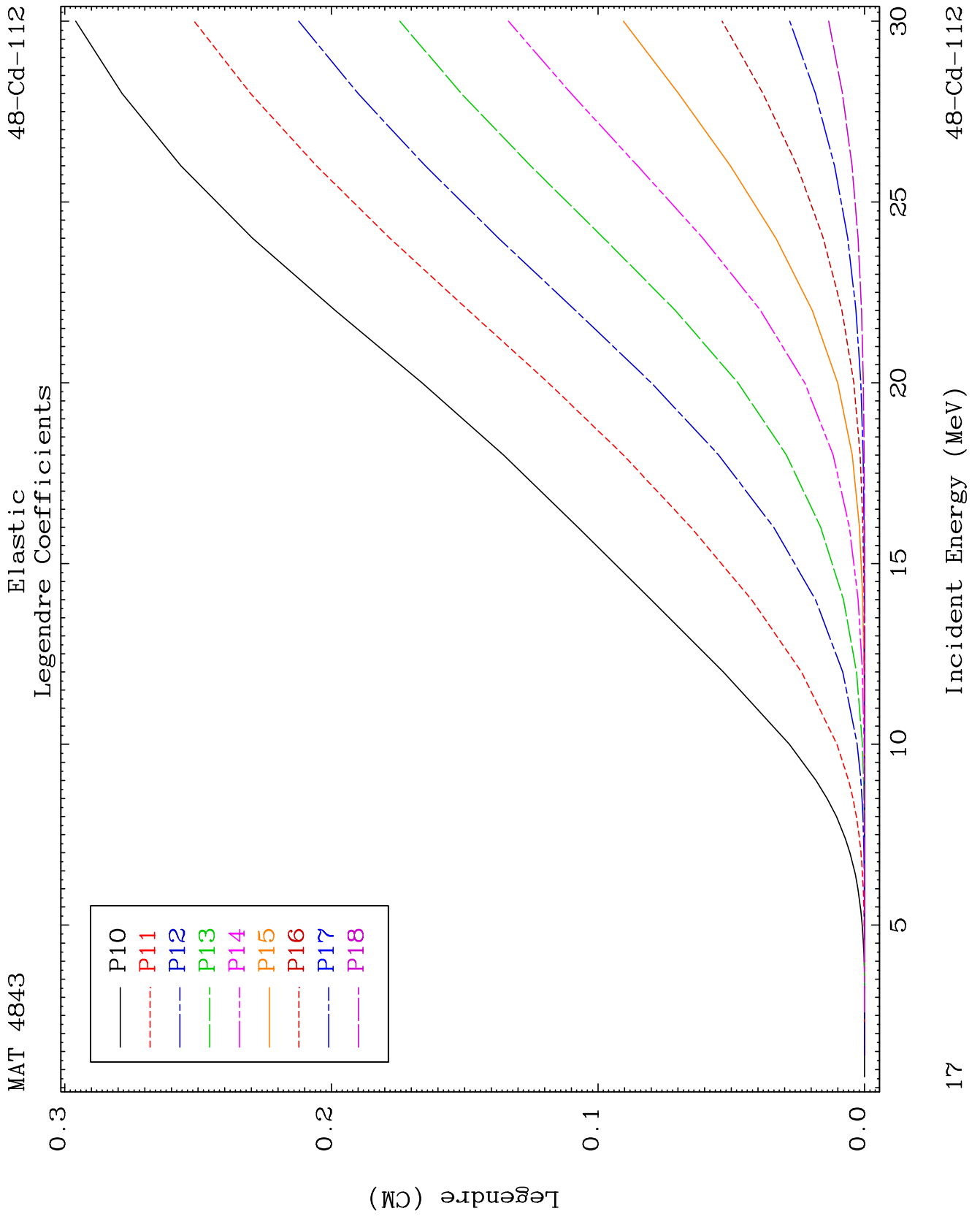


MAT 4843

Elastic Legendre Coefficients

48-Cd-112

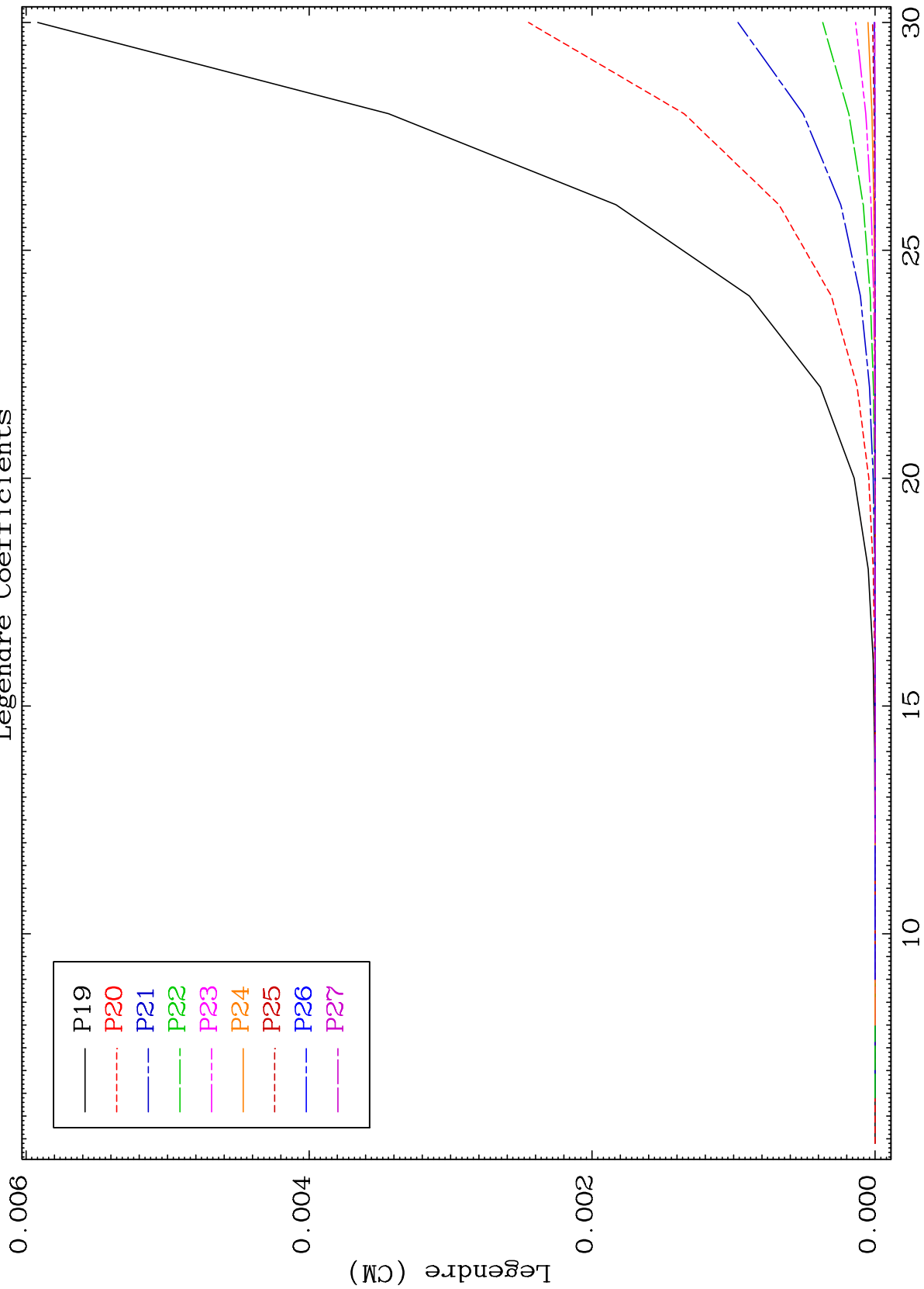




MAT 4843

Elastic Legendre Coefficients

48-Cd-112



18

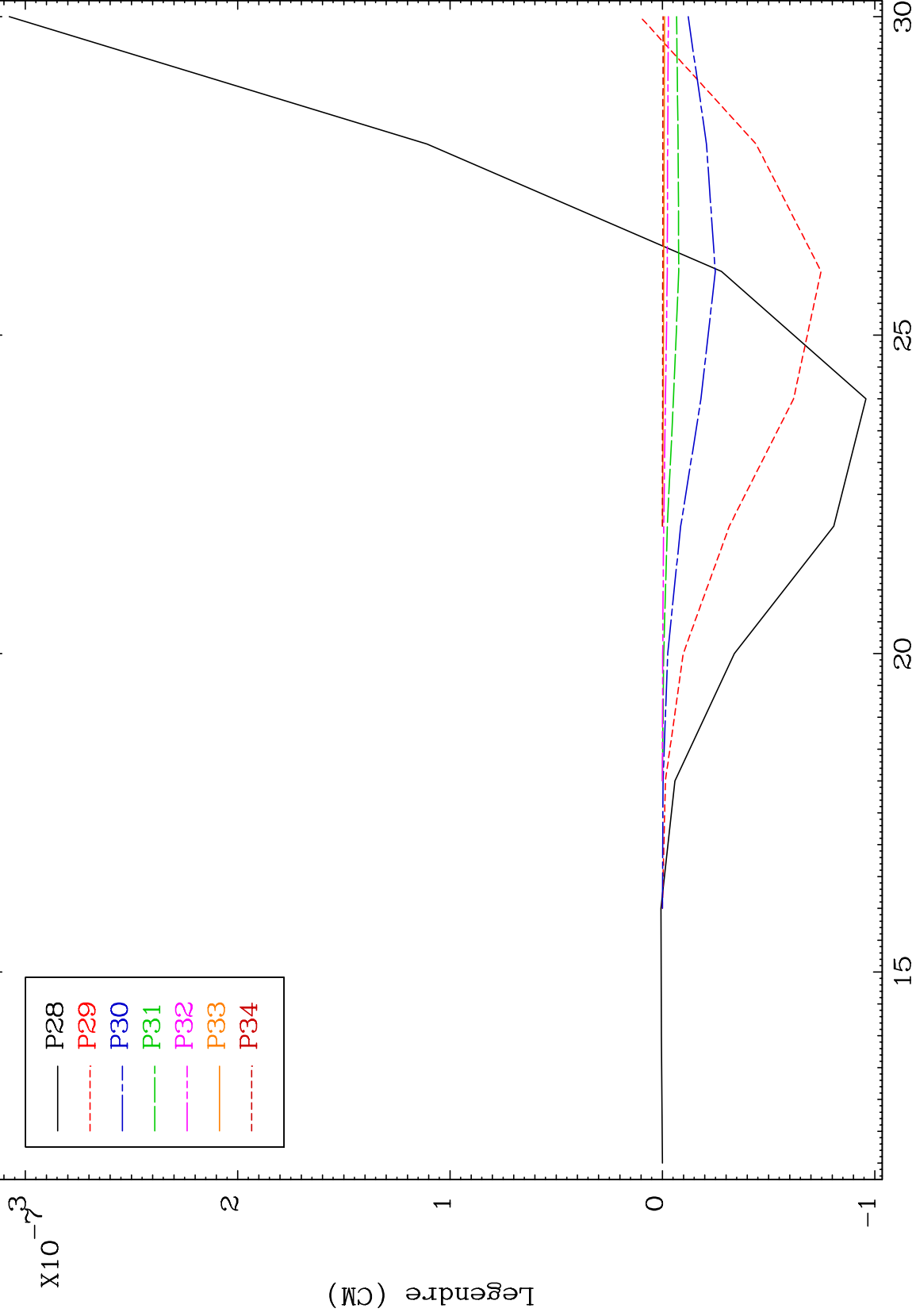
Incident Energy (MeV)

48-Cd-112

MAT 4843

Elastic Legendre Coefficients

48-Cd-112



19

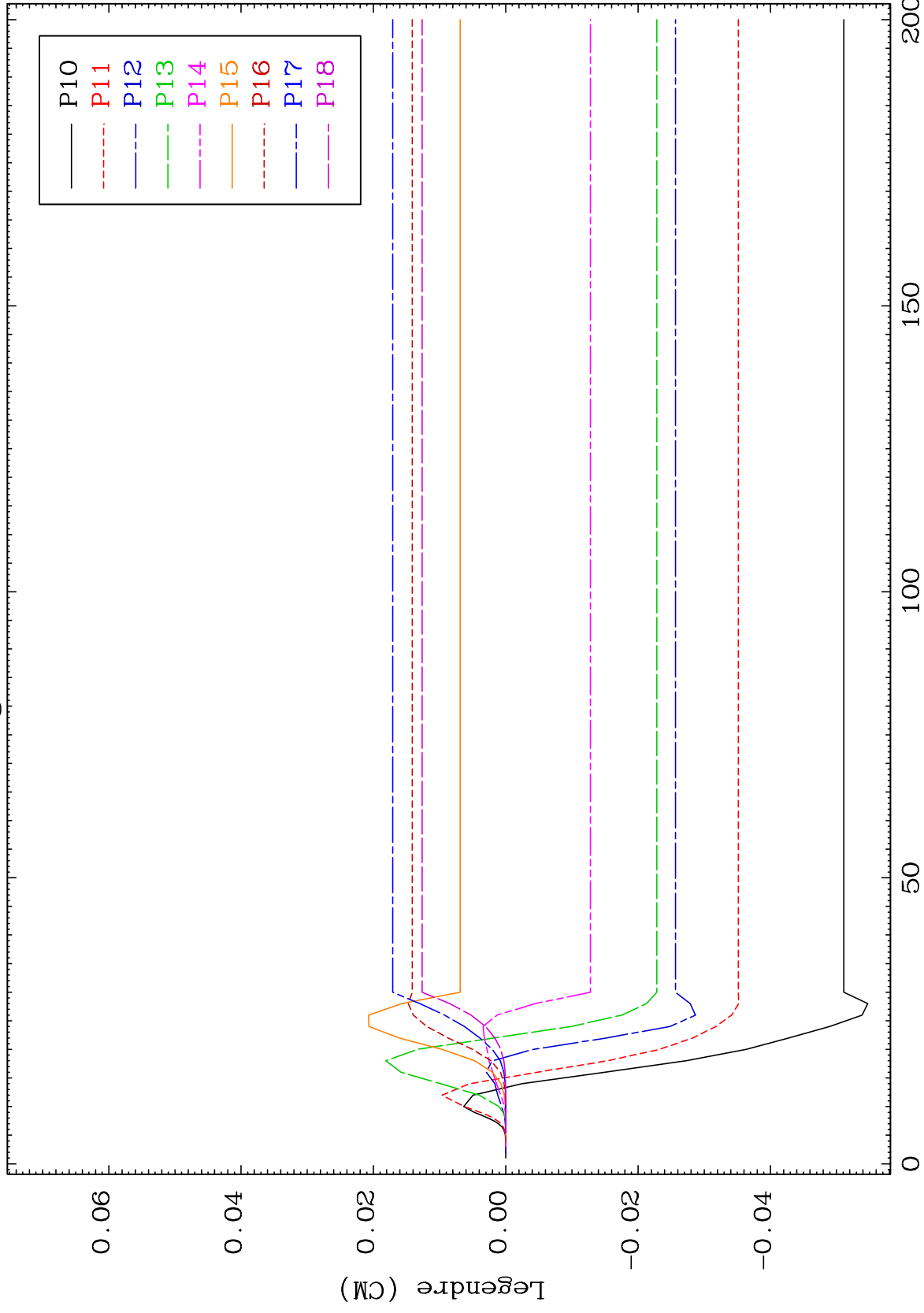
Incident Energy (MeV)

48-Cd-112

MAT 4843

617.5 keV (n,n') Level
Legendre Coefficients

48-Cd-112



21

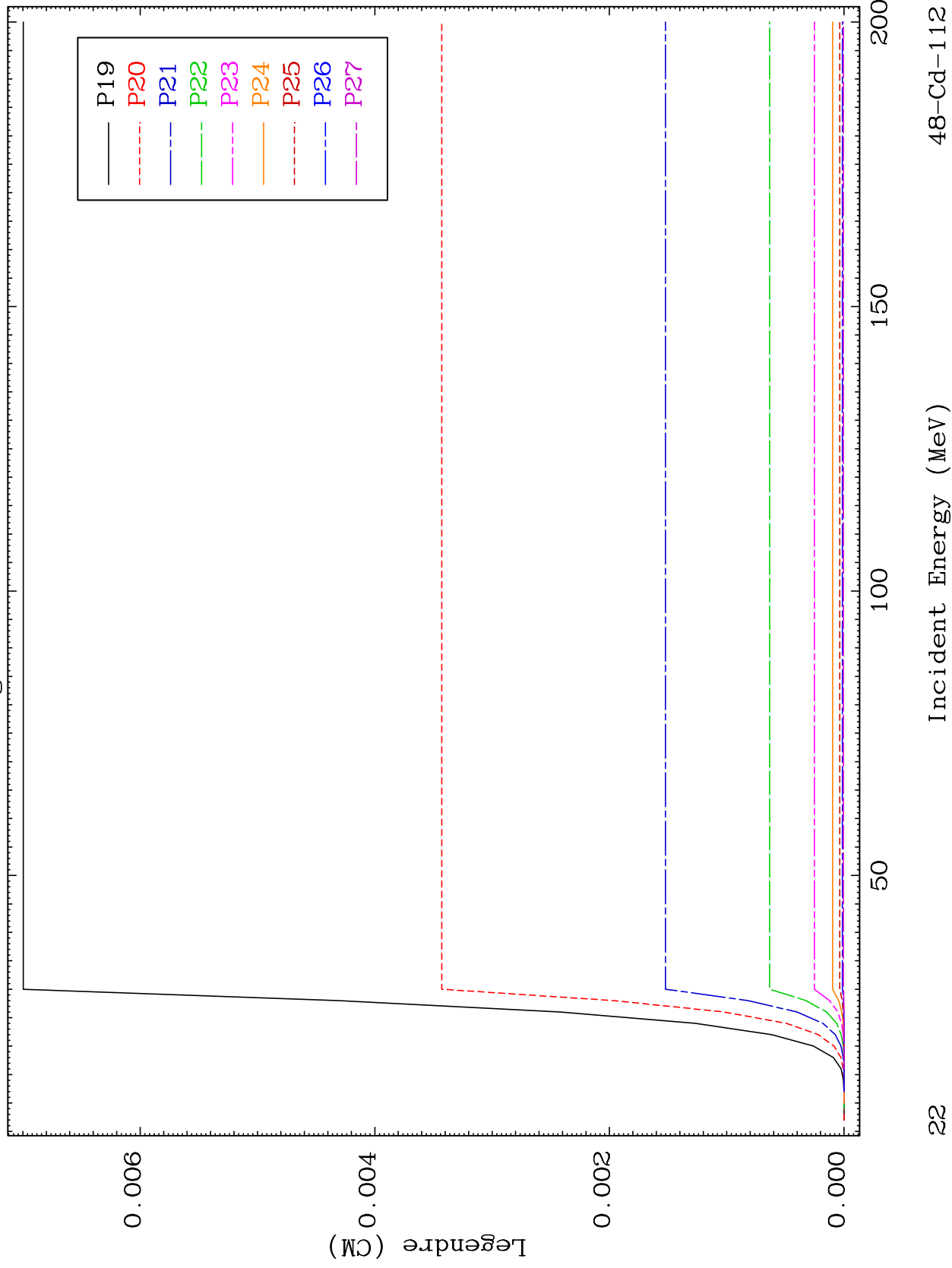
Incident Energy (MeV)

48-Cd-112

MAT 4843

617.5 keV (n, n') Level
Legendre Coefficients

48-Cd-112



22

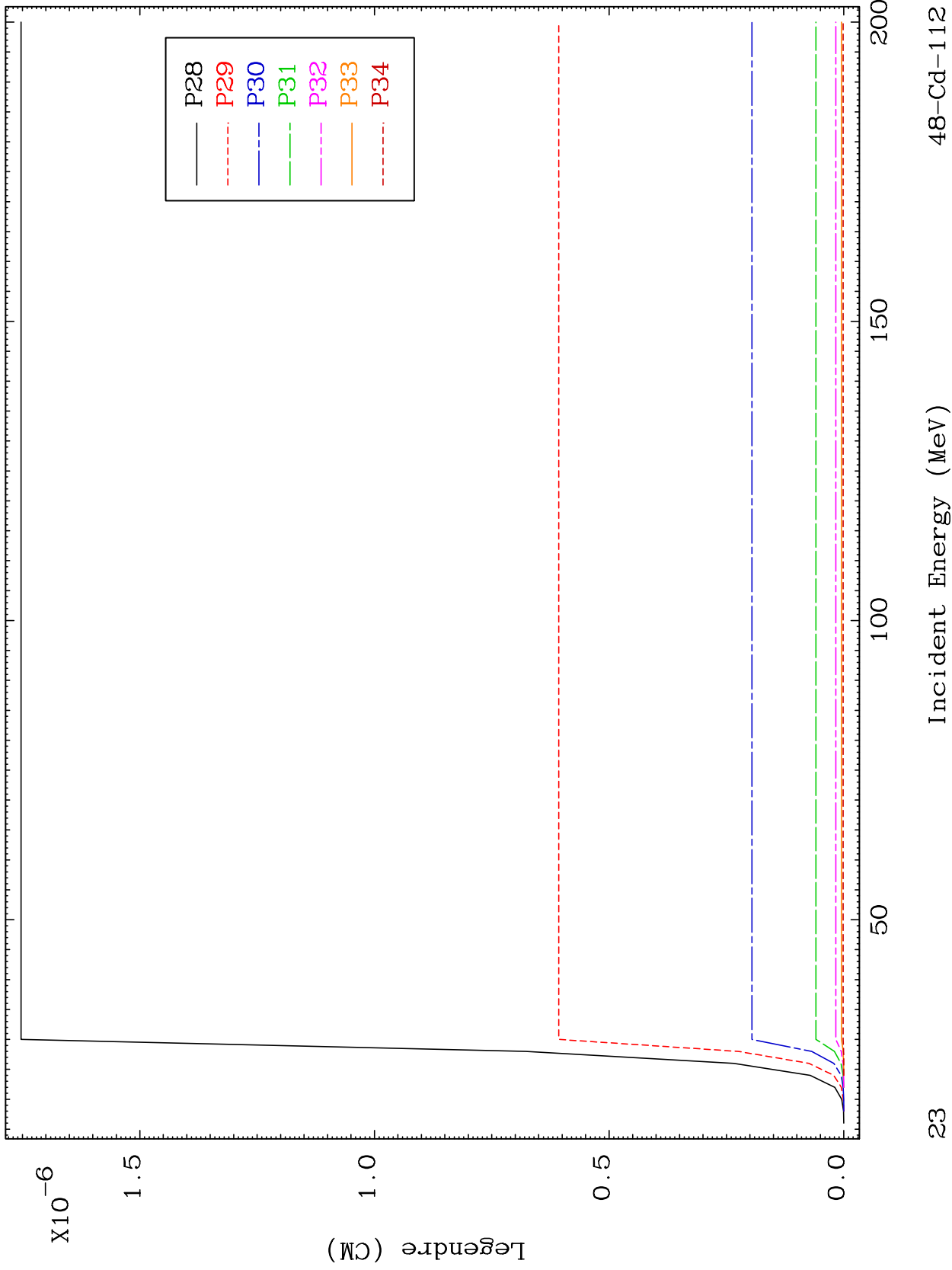
Incident Energy (MeV)

48-Cd-112

MAT 4843

617.5 keV (n,n') Level
Legendre Coefficients

48-Cd-112

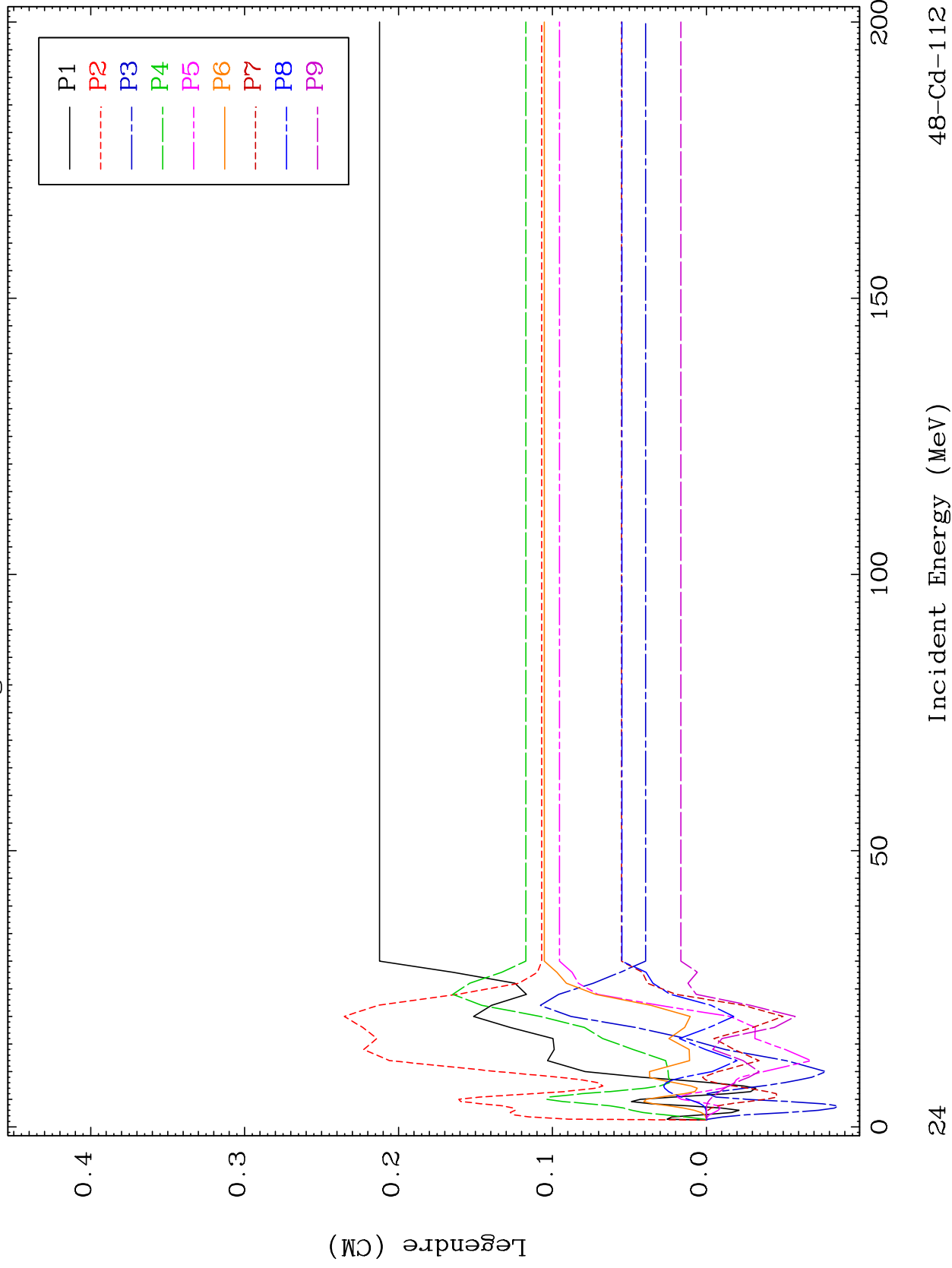


23

MAT 4843

1.224 MeV (n,n') Level
Legendre Coefficients

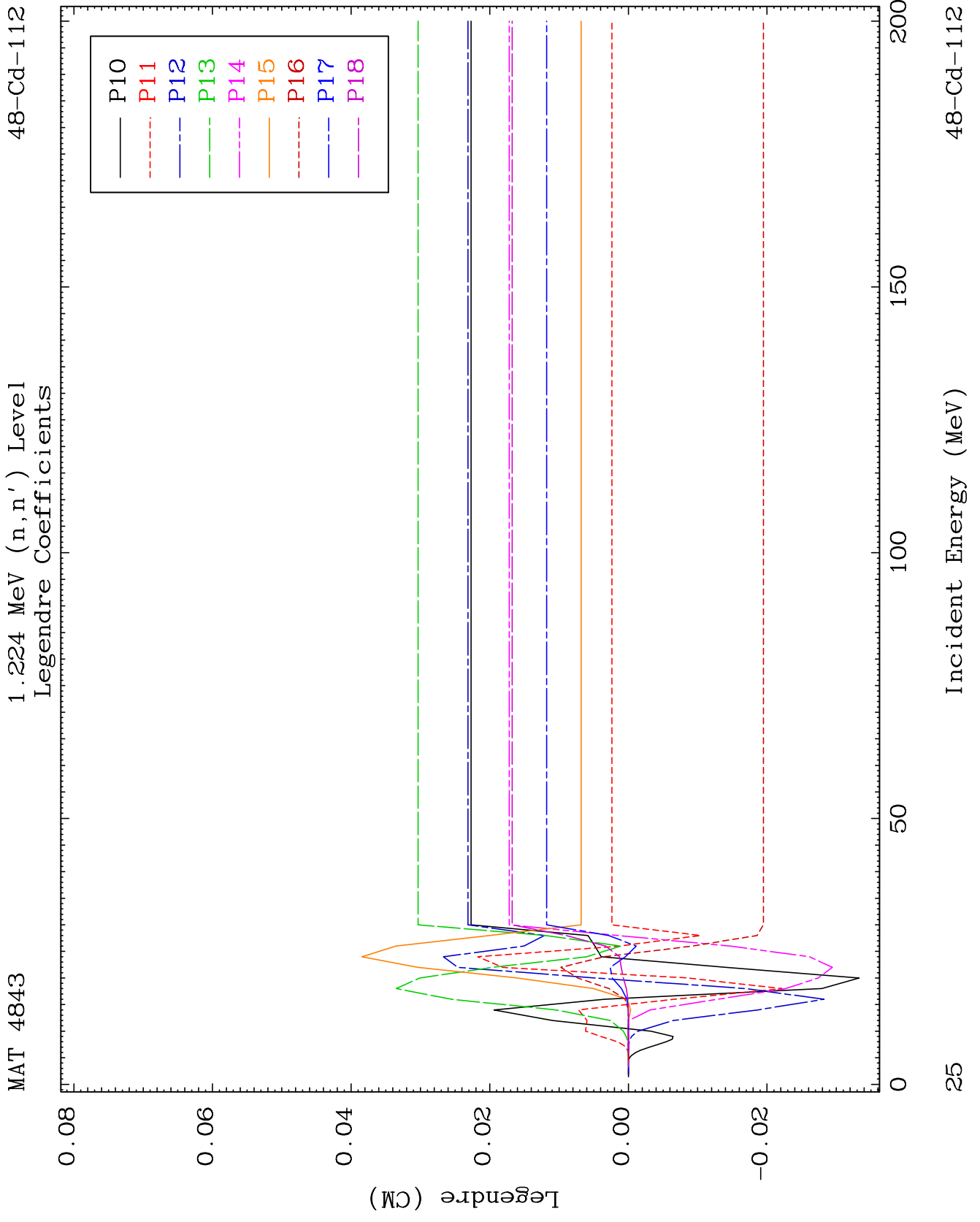
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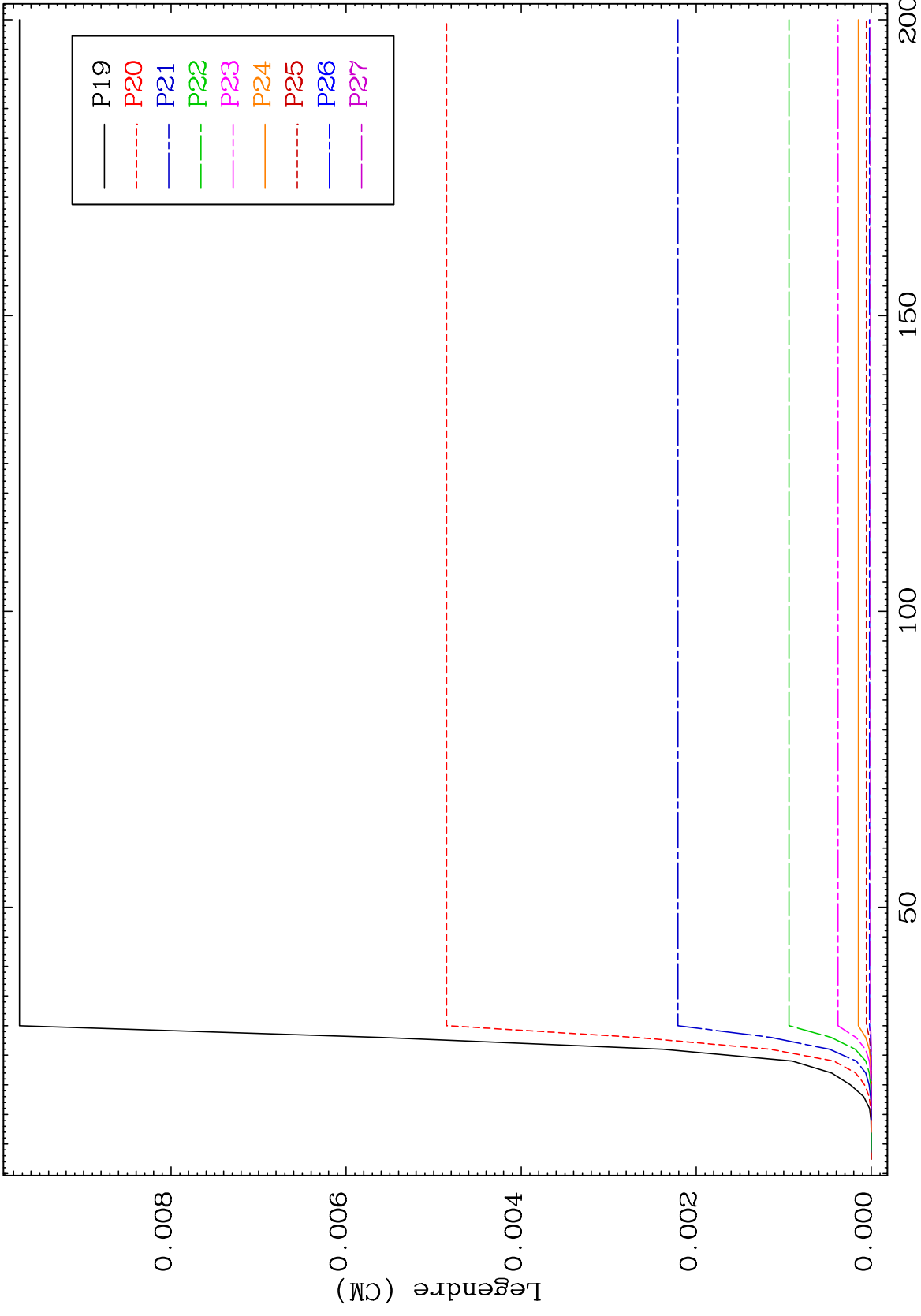


48-Cd-112

Incident Energy (MeV)

24

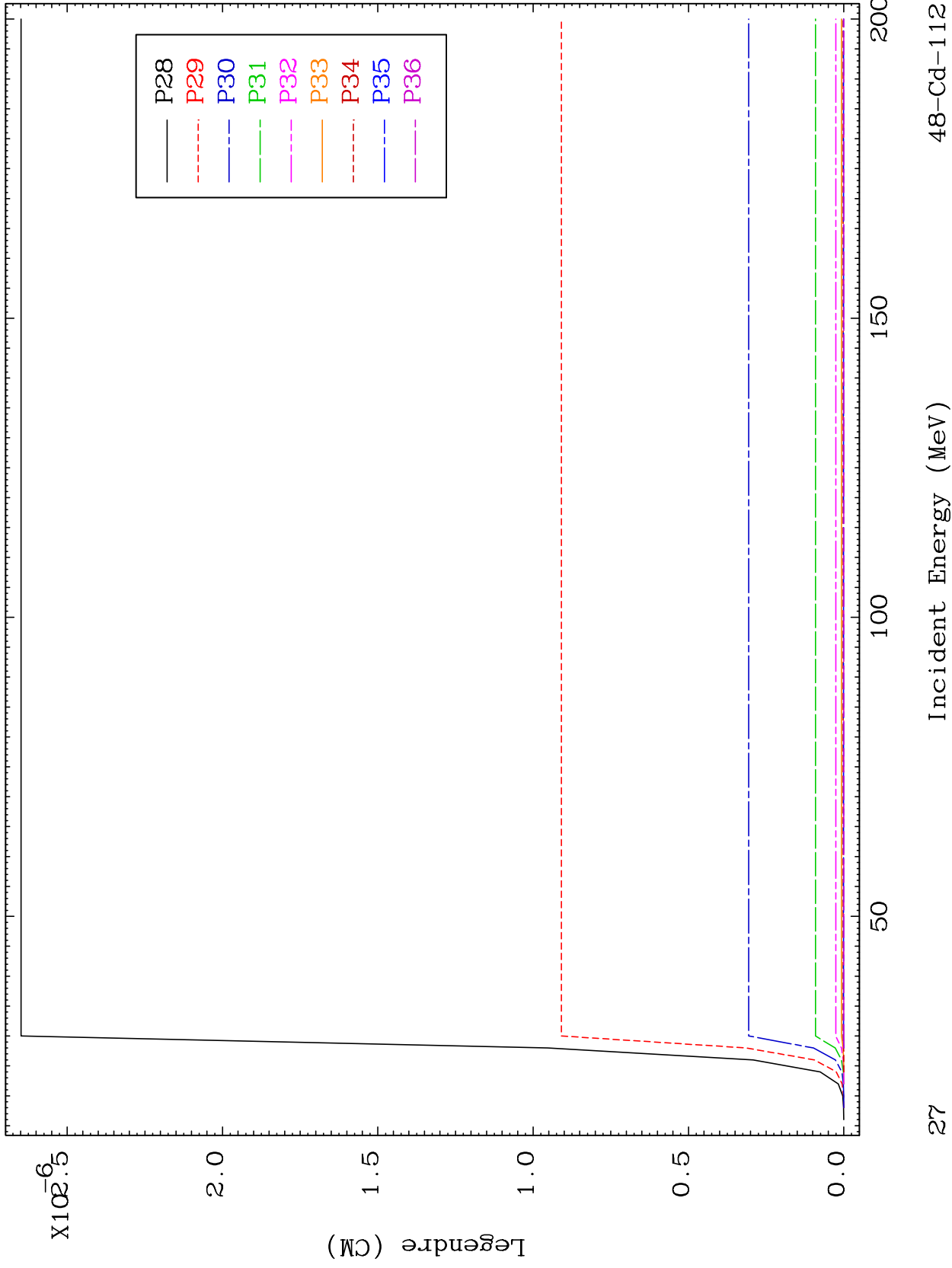




MAT 4843

1.224 MeV (n, n') Level
Legendre Coefficients

48-Cd-112

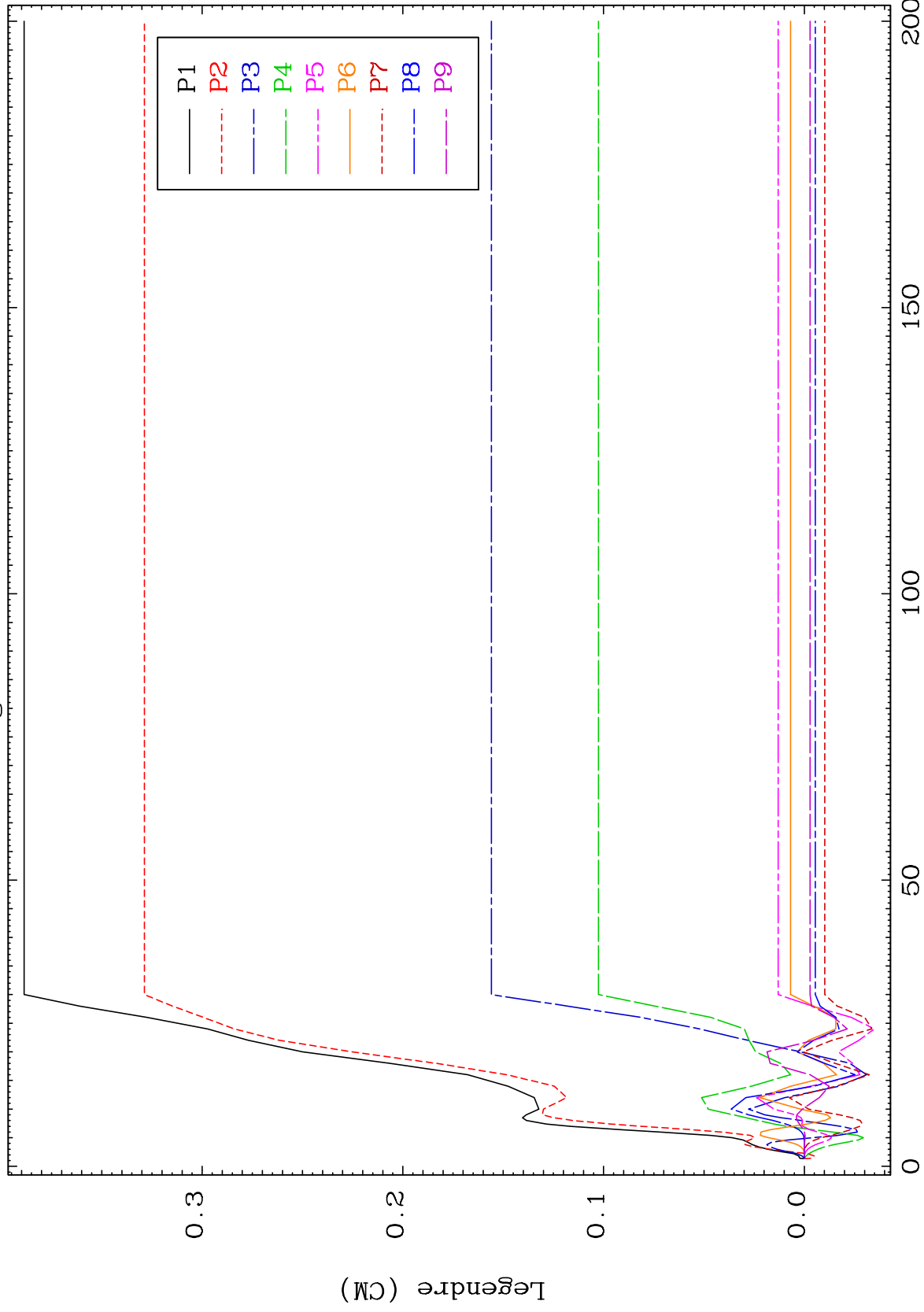


27

MAT 4843

1.312 MeV (n,n') Level
Legendre Coefficients

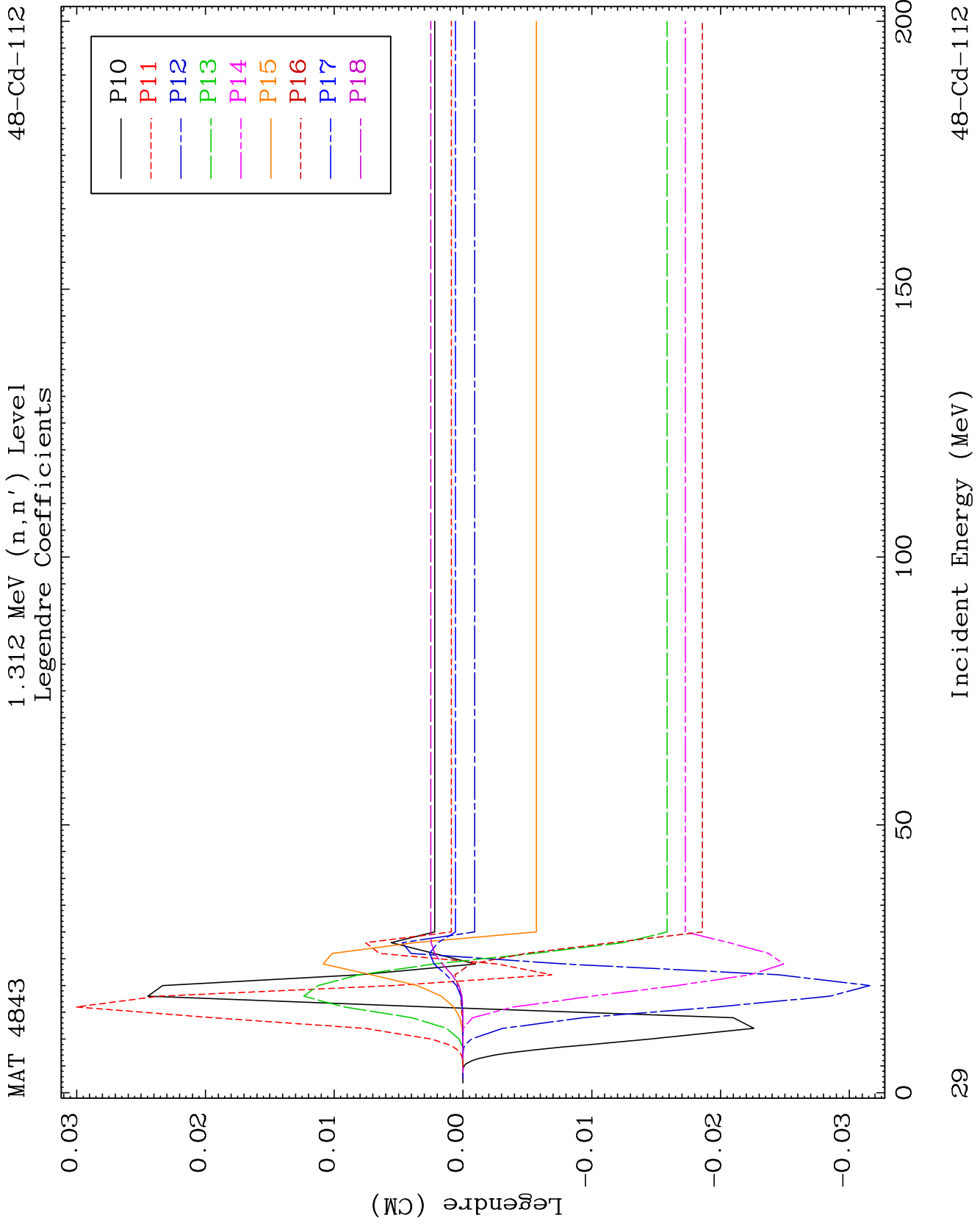
48-Cd-112



28

Incident Energy (MeV)

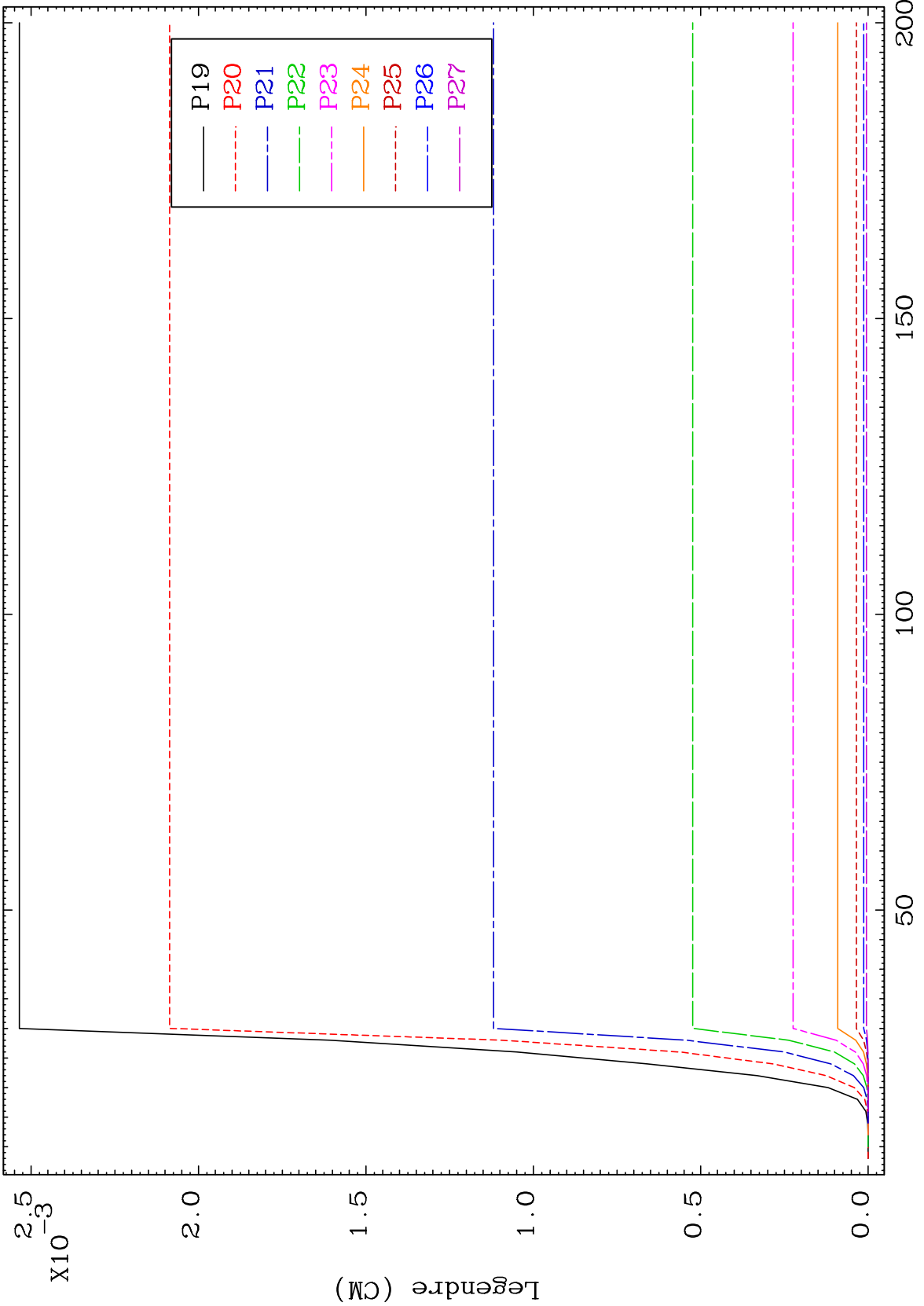
48-Cd-112



MAT 4843

1.312 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



48-Cd-112

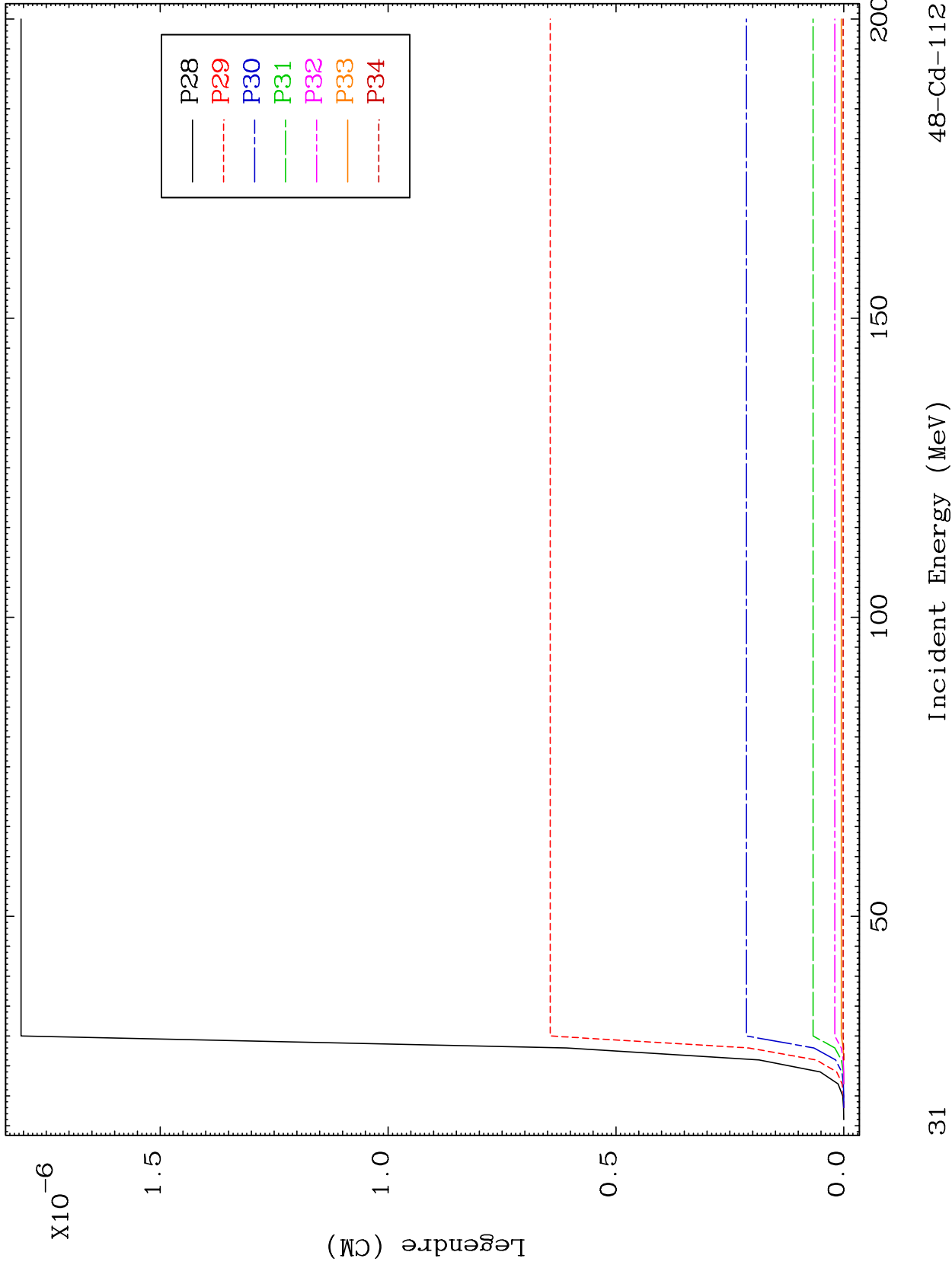
Incident Energy (MeV)

30

MAT 4843

1.312 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



31

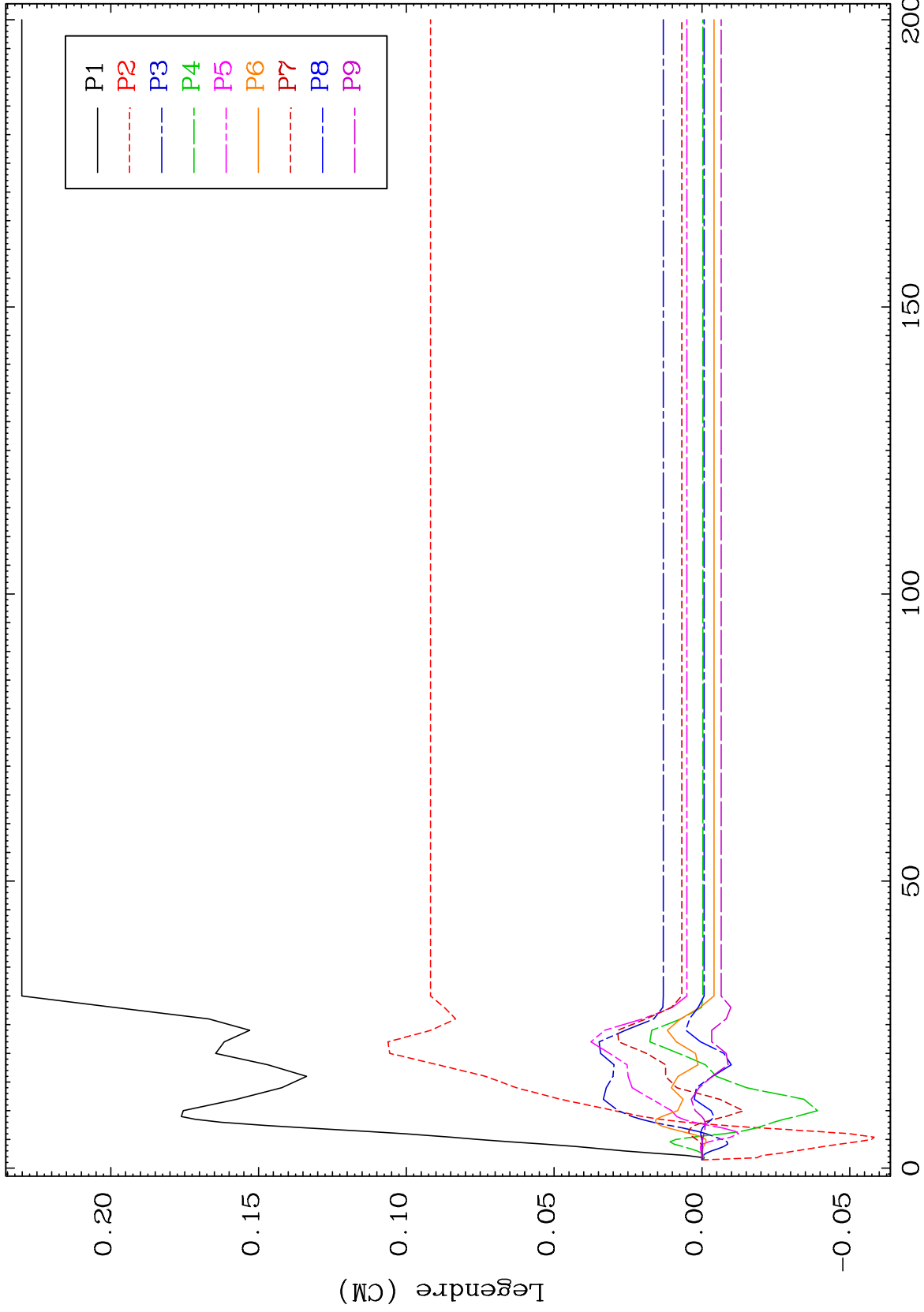
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.416 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



32

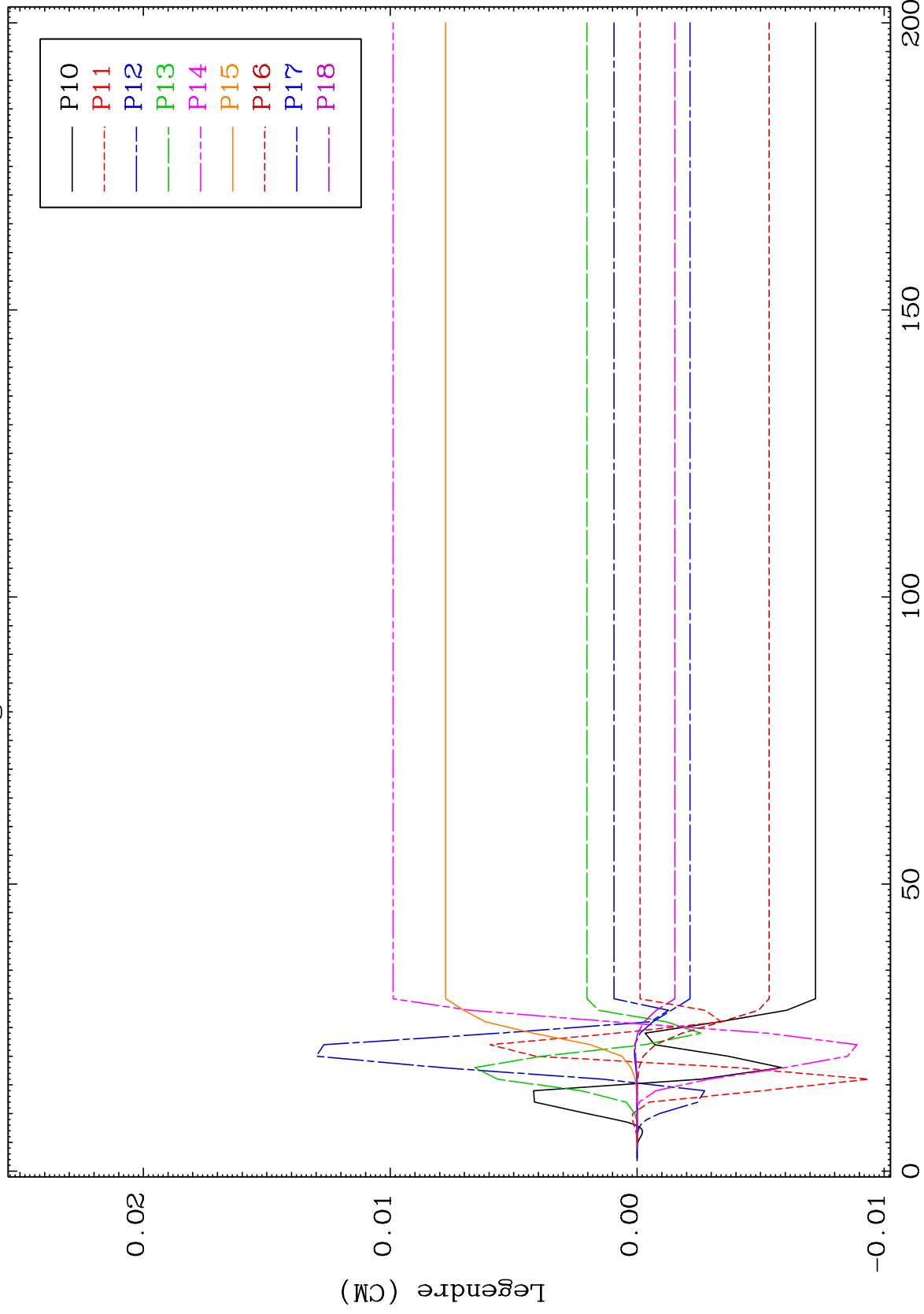
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.416 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



33

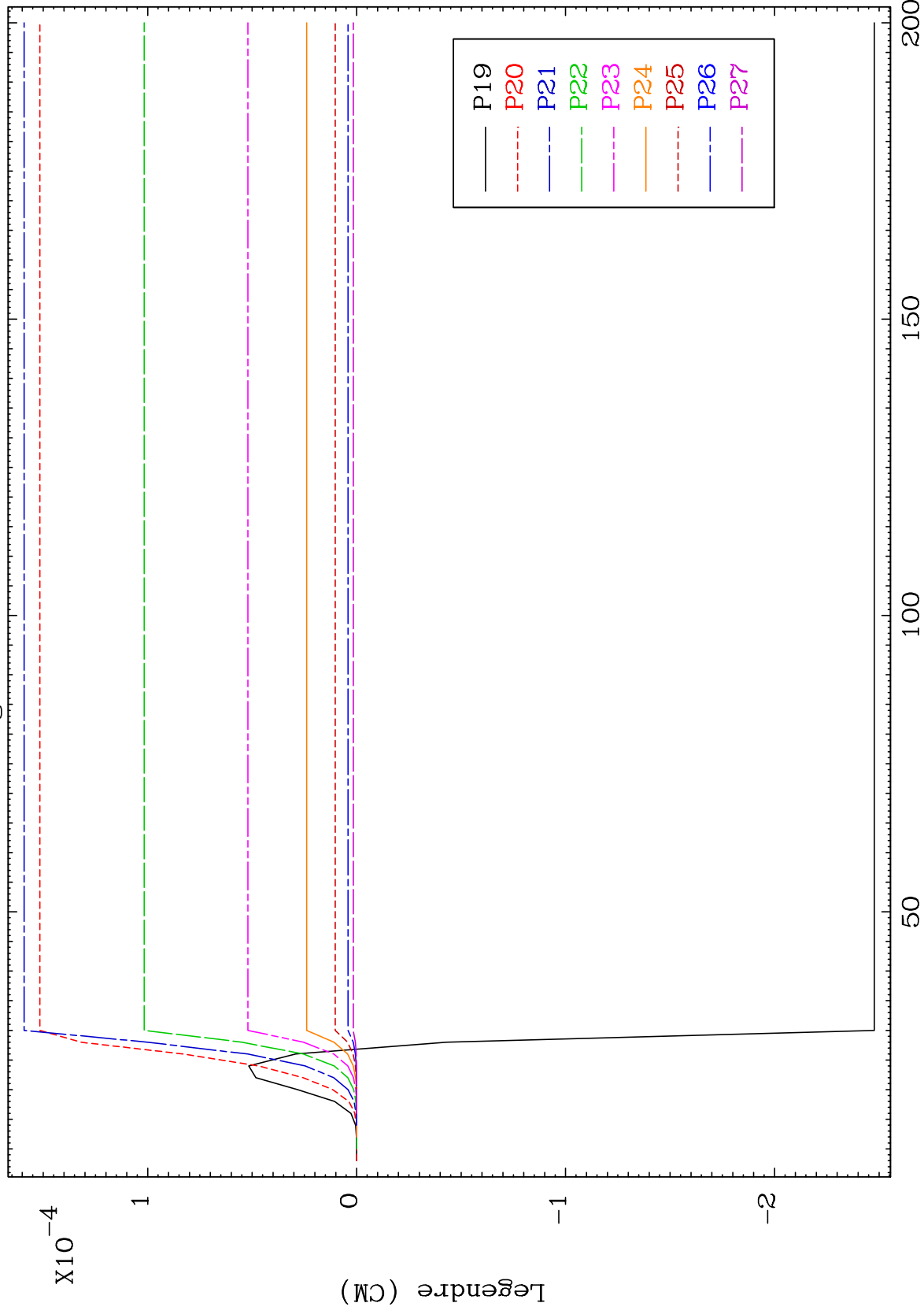
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.416 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



34

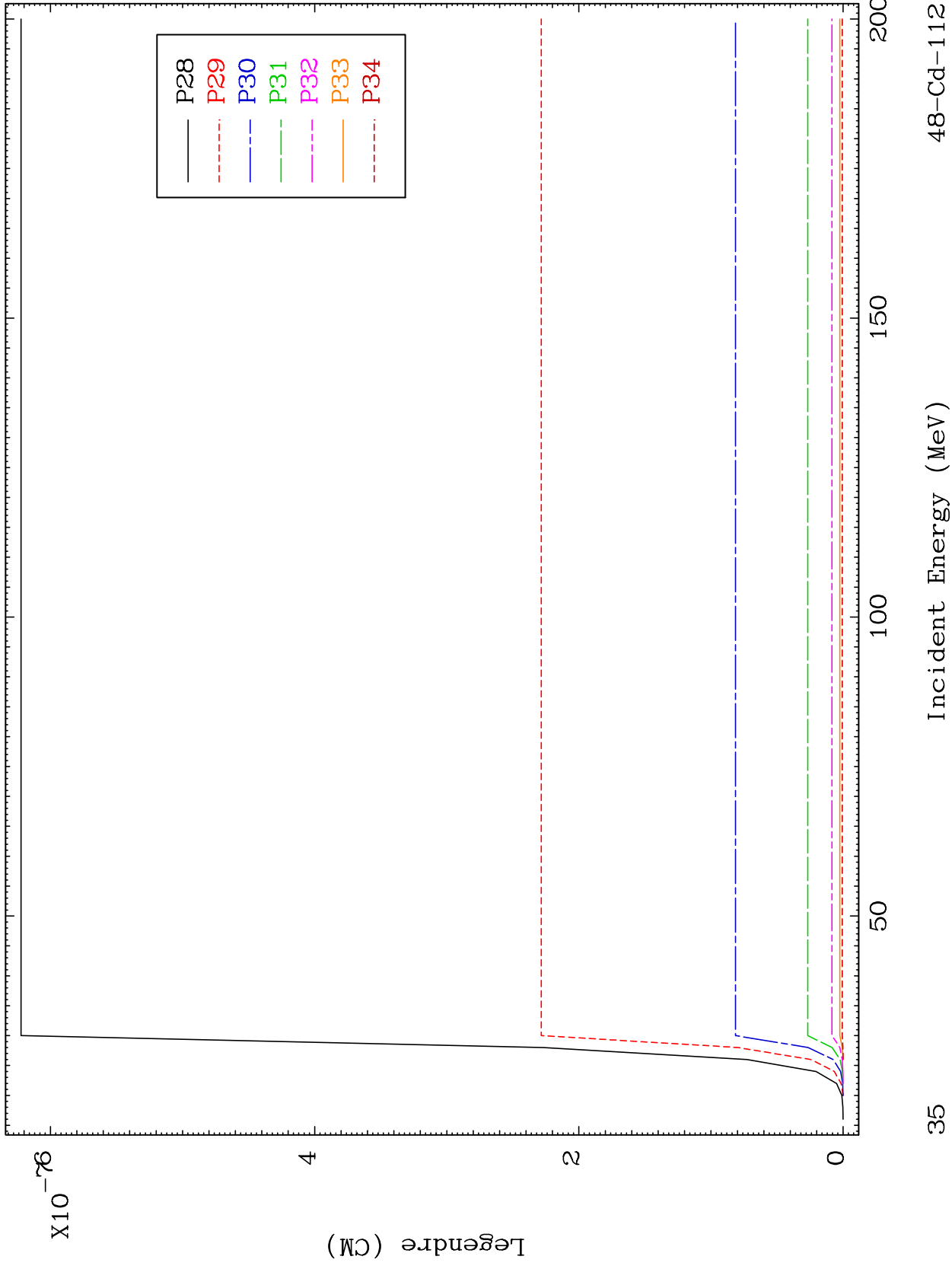
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.416 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



35

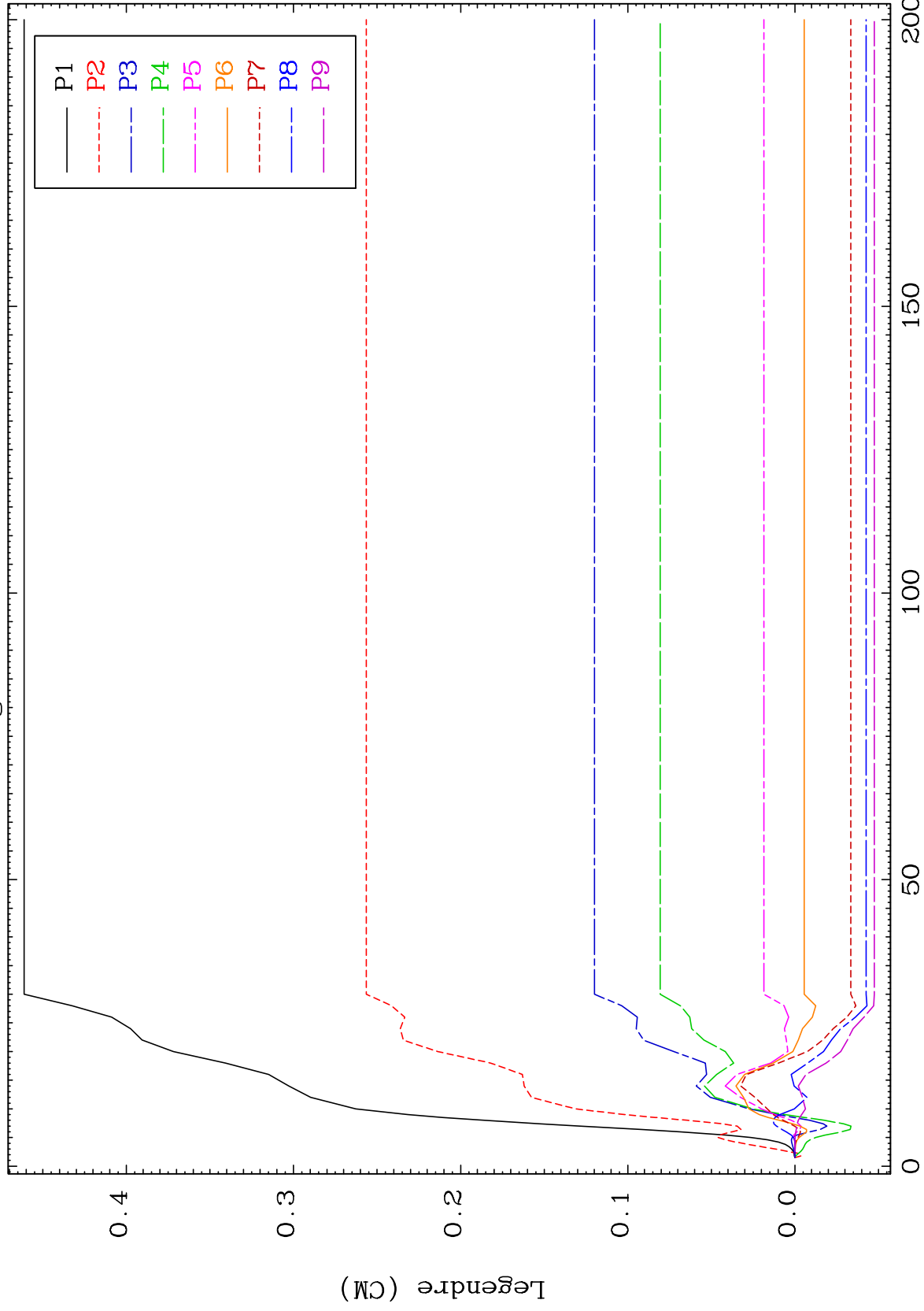
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.469 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



48-Cd-112

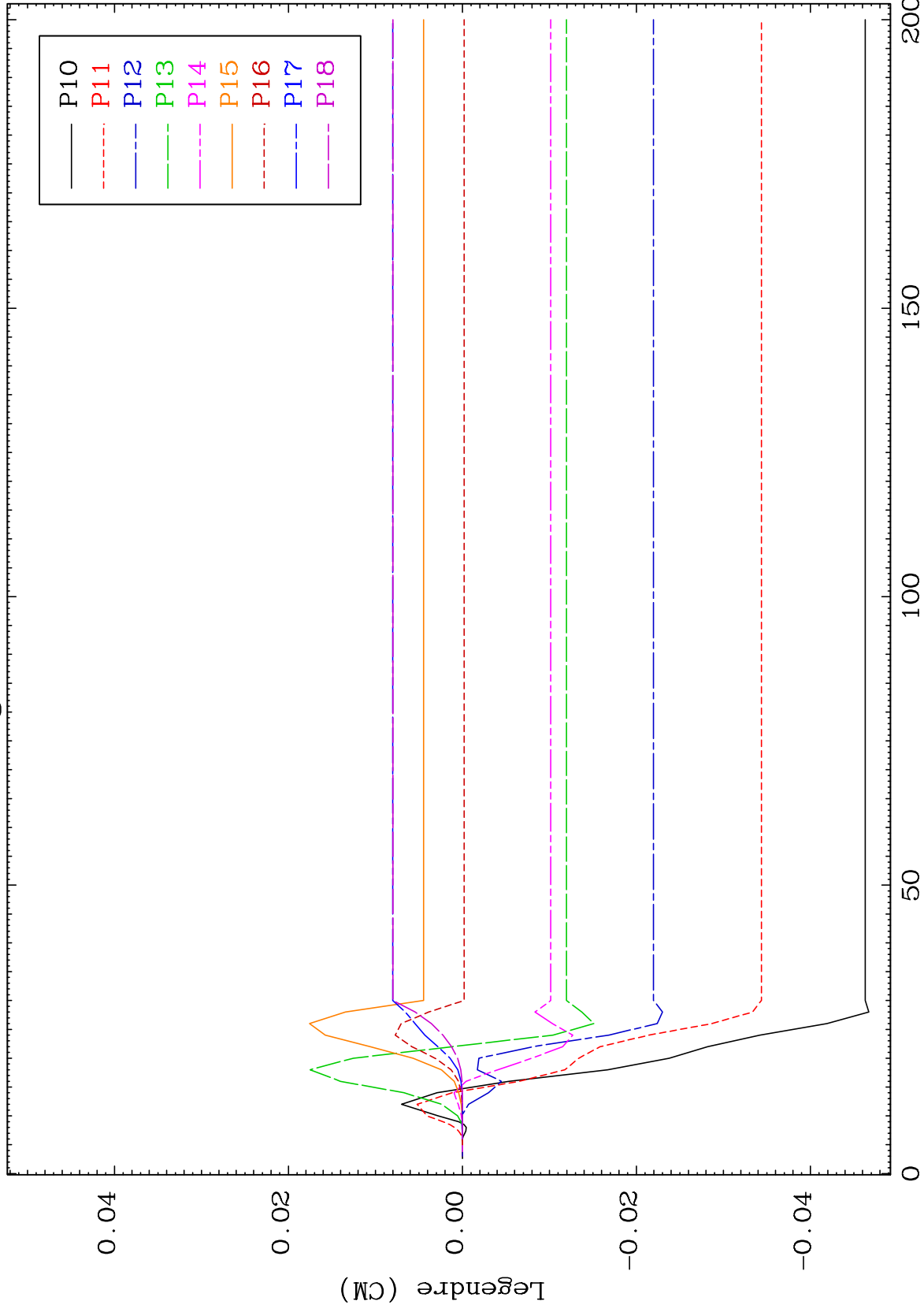
Incident Energy (MeV)

39

MAT 4843

1.469 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



40

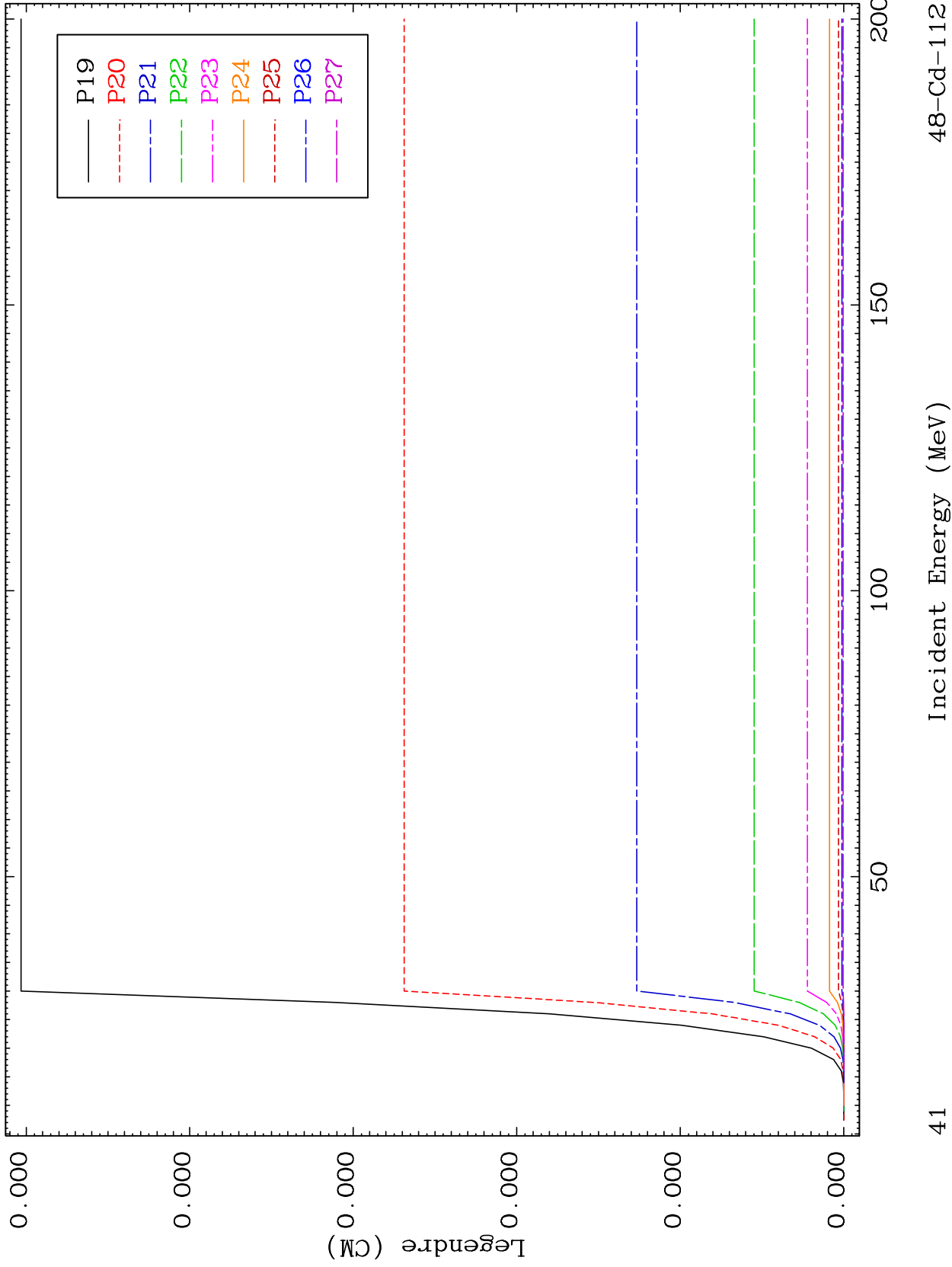
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.469 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



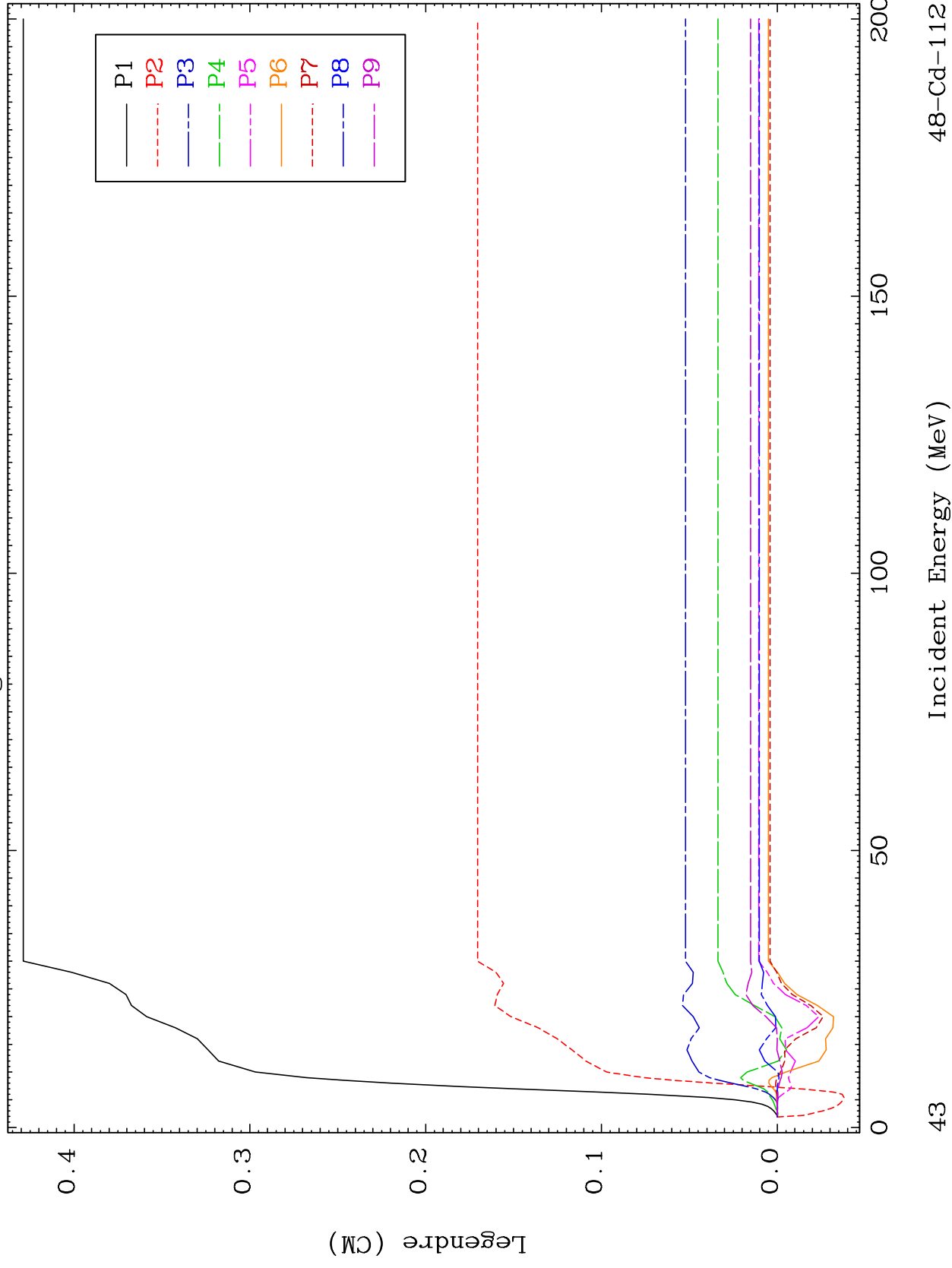
41

48-Cd-112

MAT 4843

1.871 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



48-Cd-112

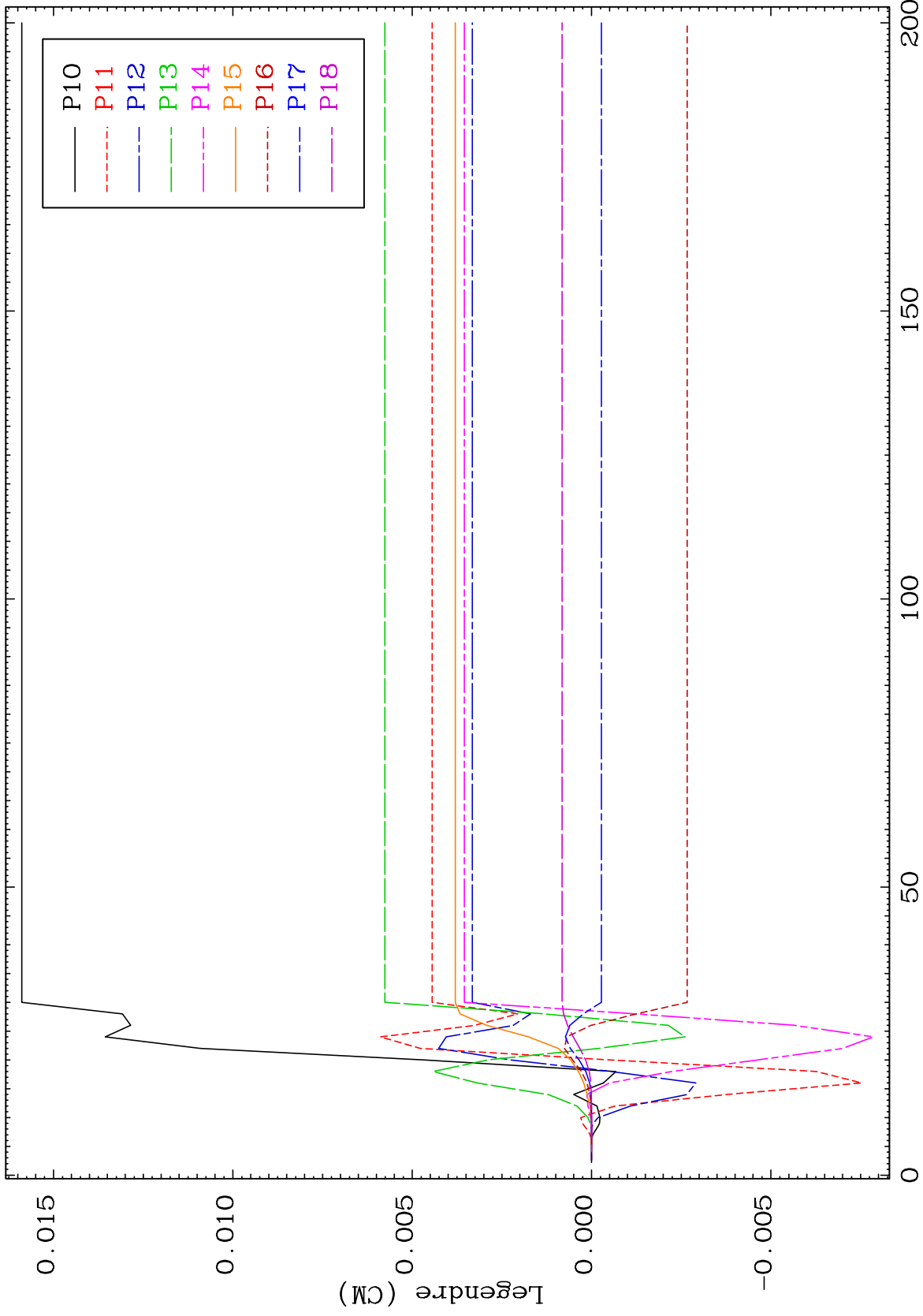
Incident Energy (MeV)

43

MAT 4843

1.871 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



44

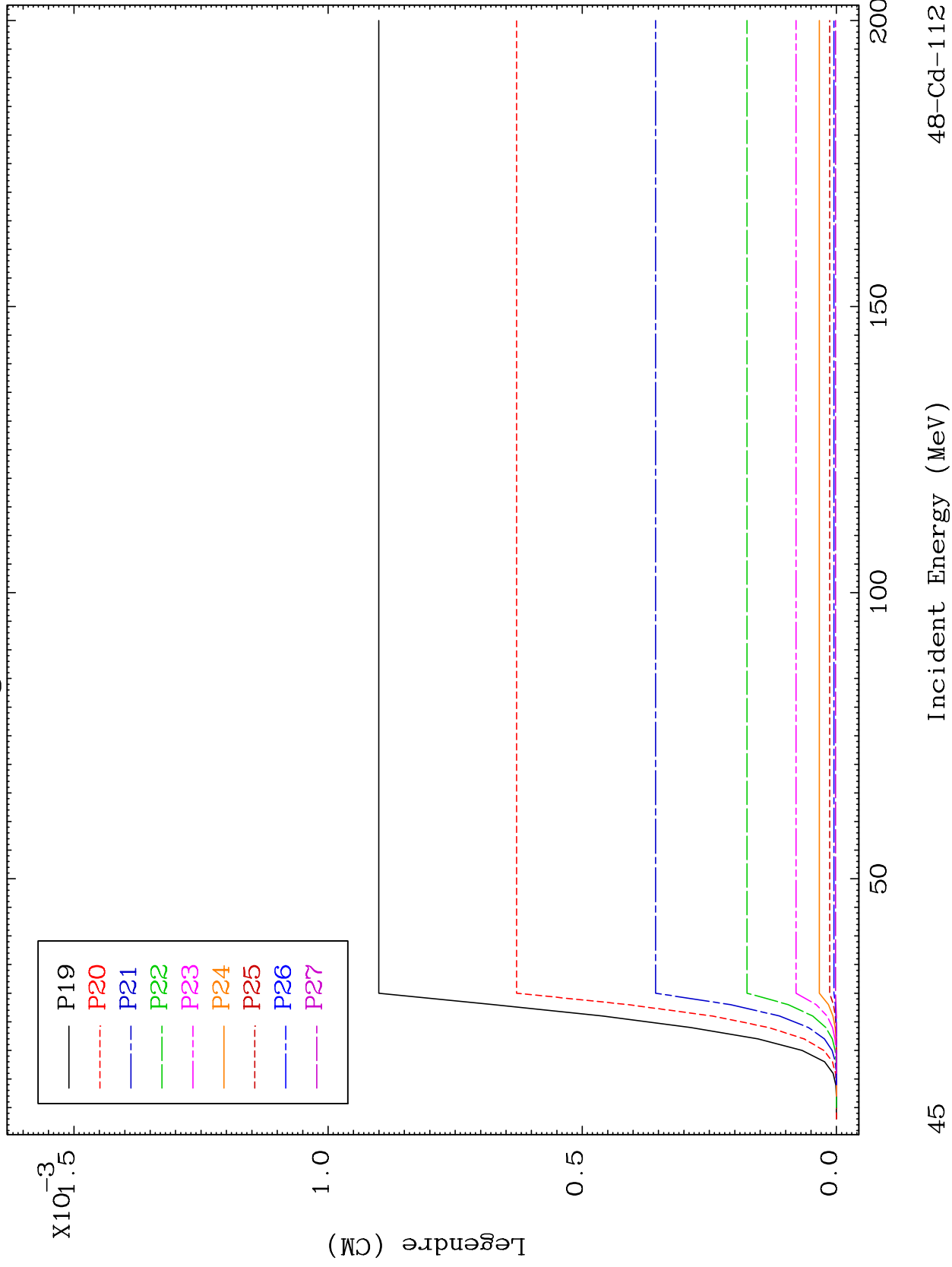
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.871 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



45

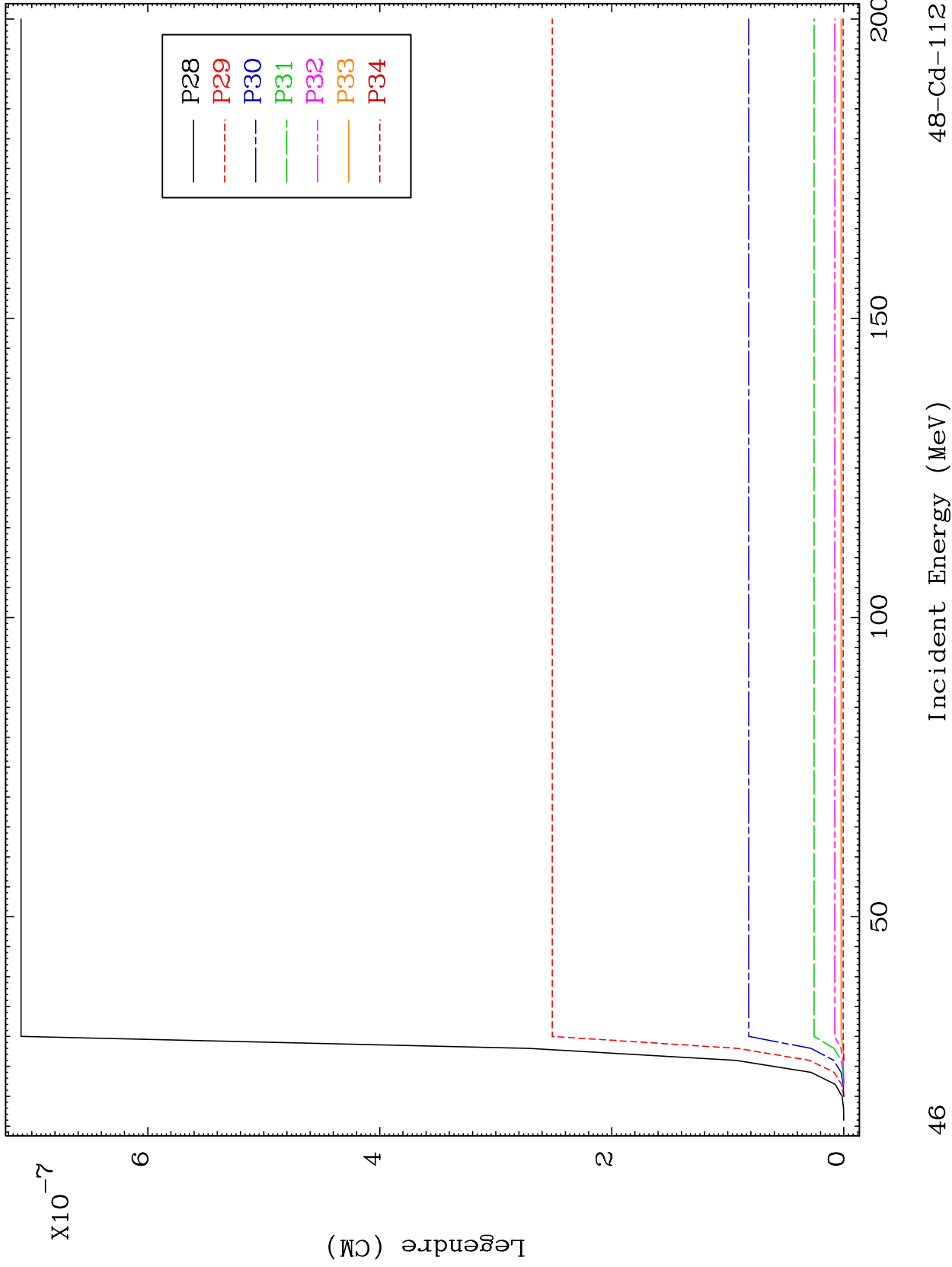
Incident Energy (MeV)

48-Cd-112

MAT 4843

1.871 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



46

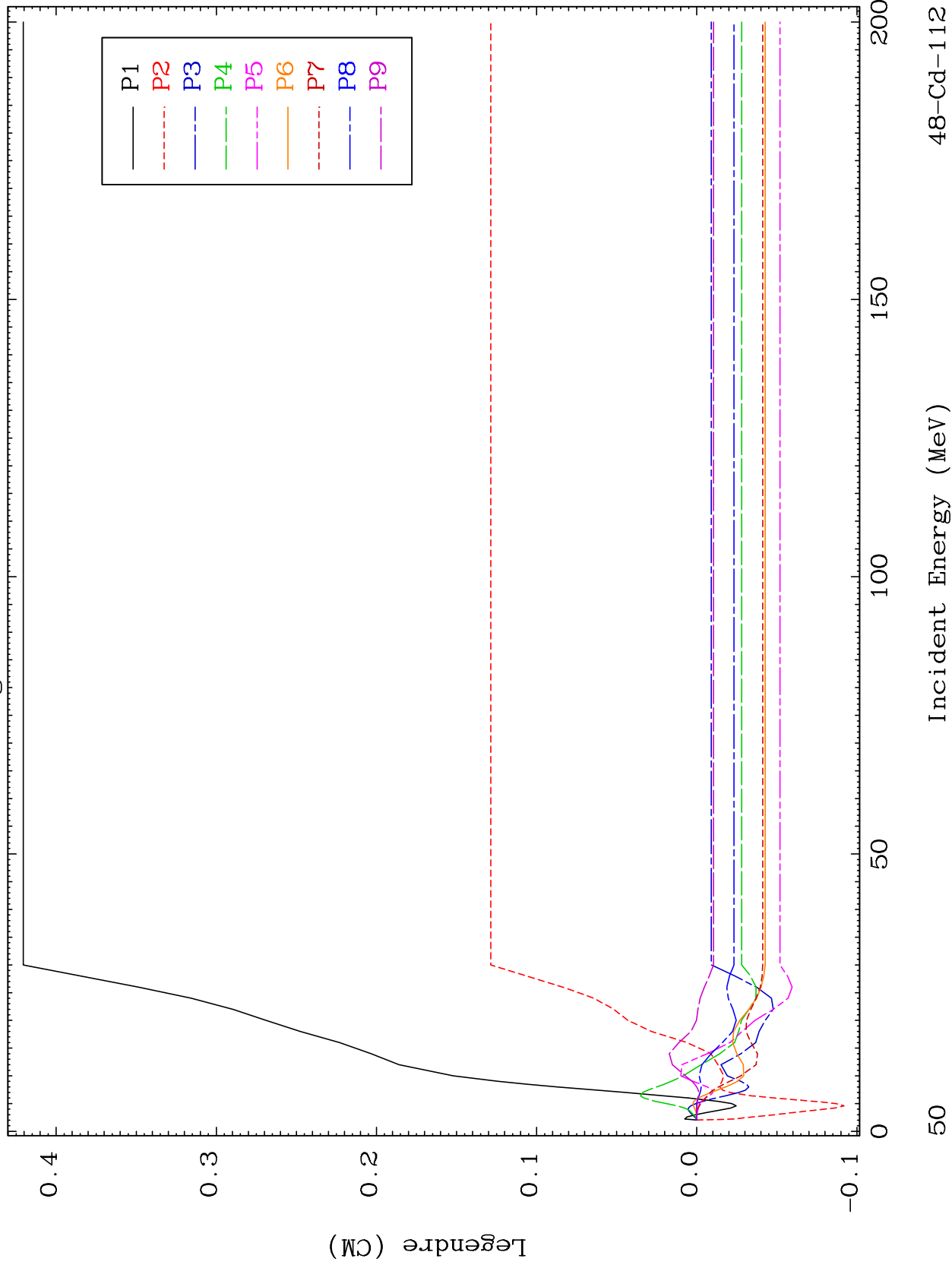
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.005 MeV (n,n') Level
Legendre Coefficients

48-Cd-112

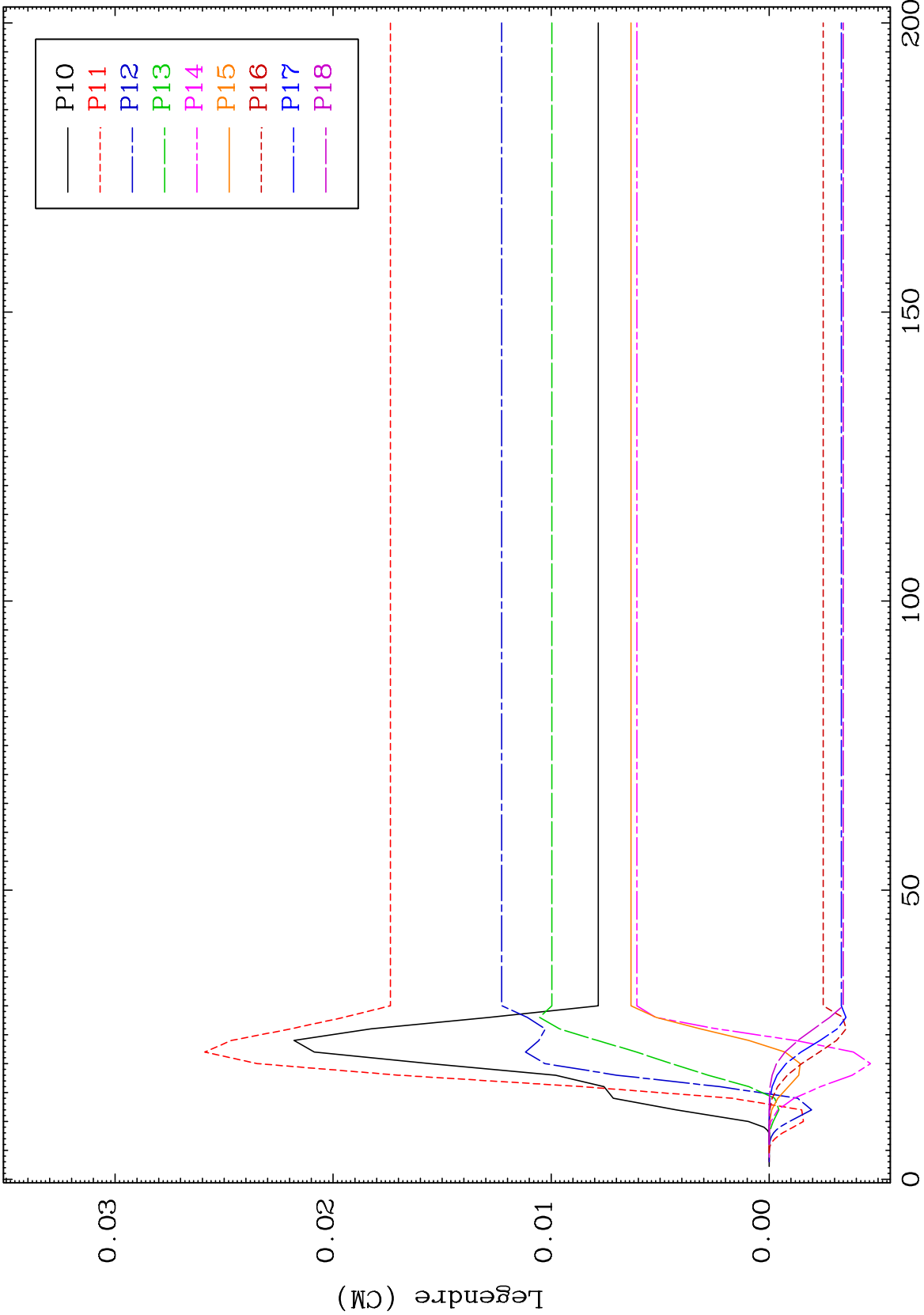


48-Cd-112

MAT 4843

2.005 MeV (n,n') Level
Legendre Coefficients

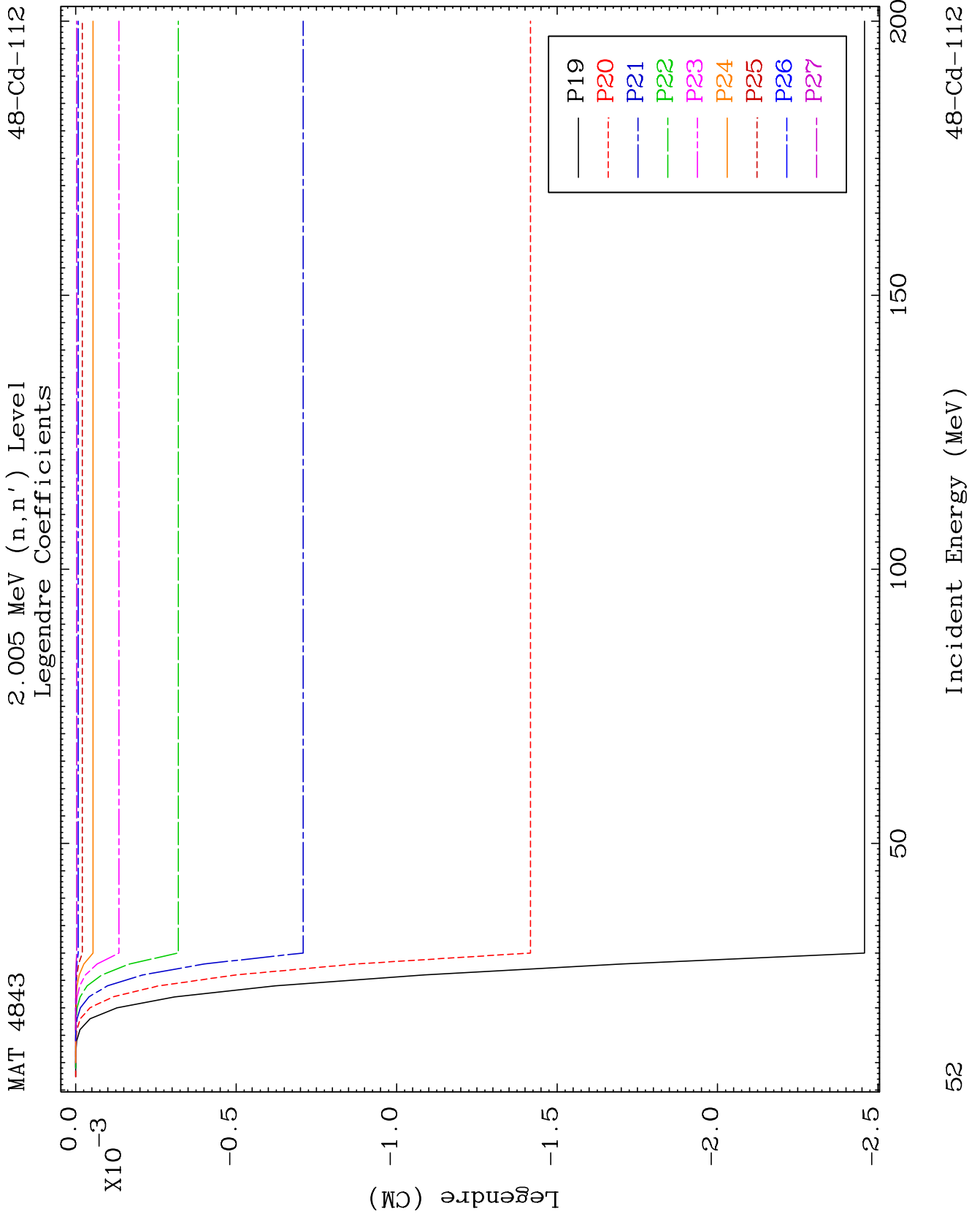
48-Cd-112

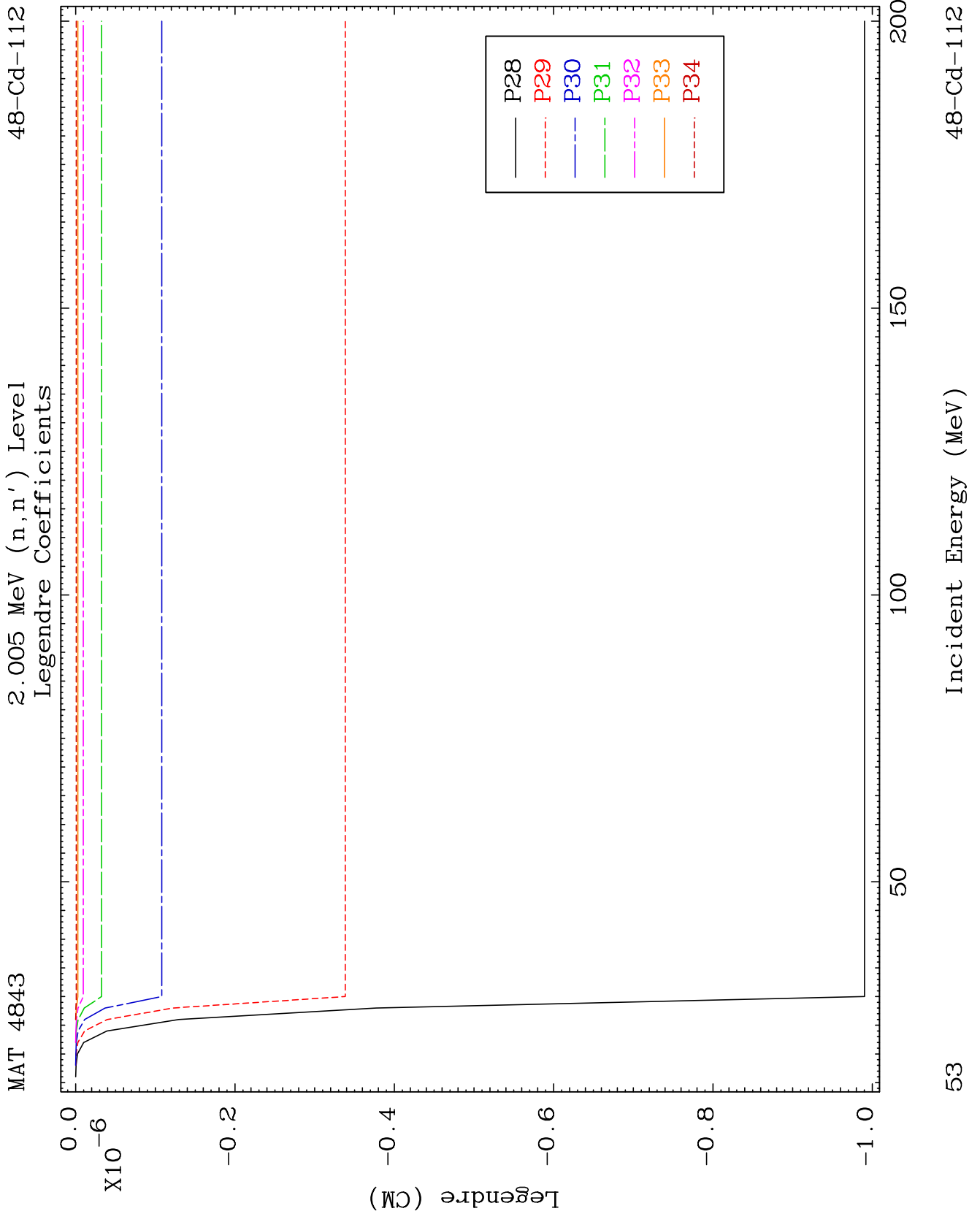


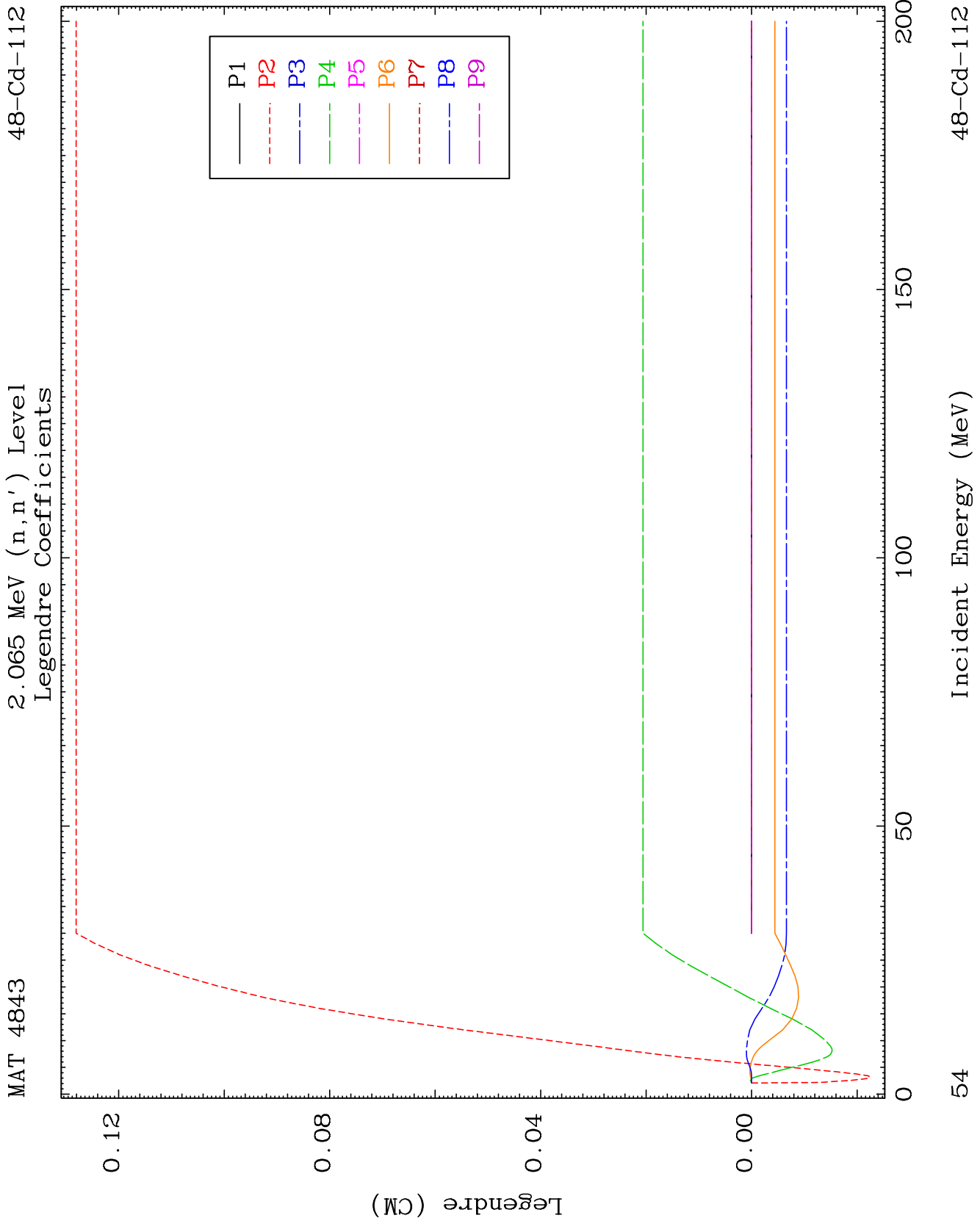
51

Incident Energy (MeV)

48-Cd-112



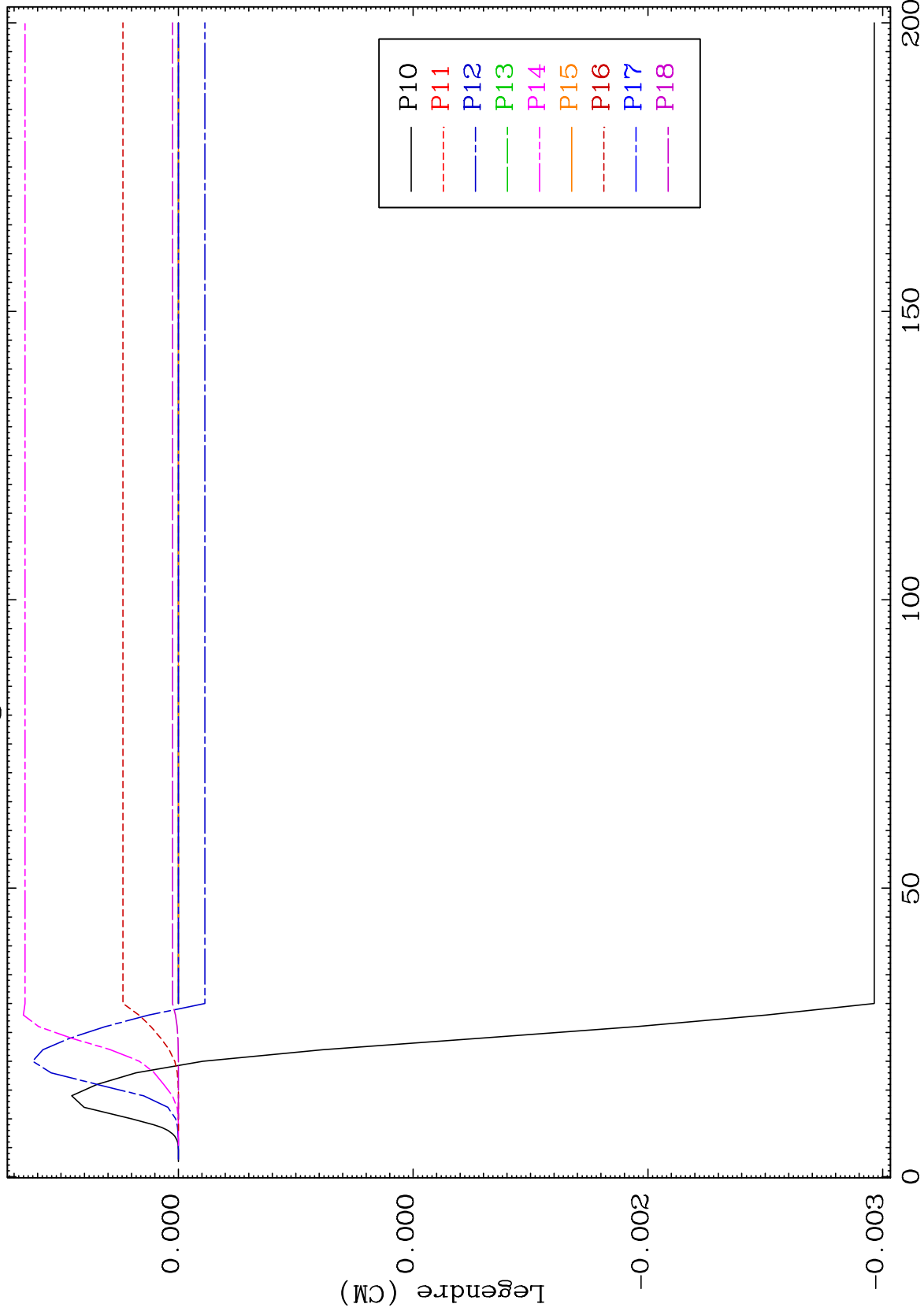




MAT 4843

2.065 MeV (n,n') Level
Legendre Coefficients

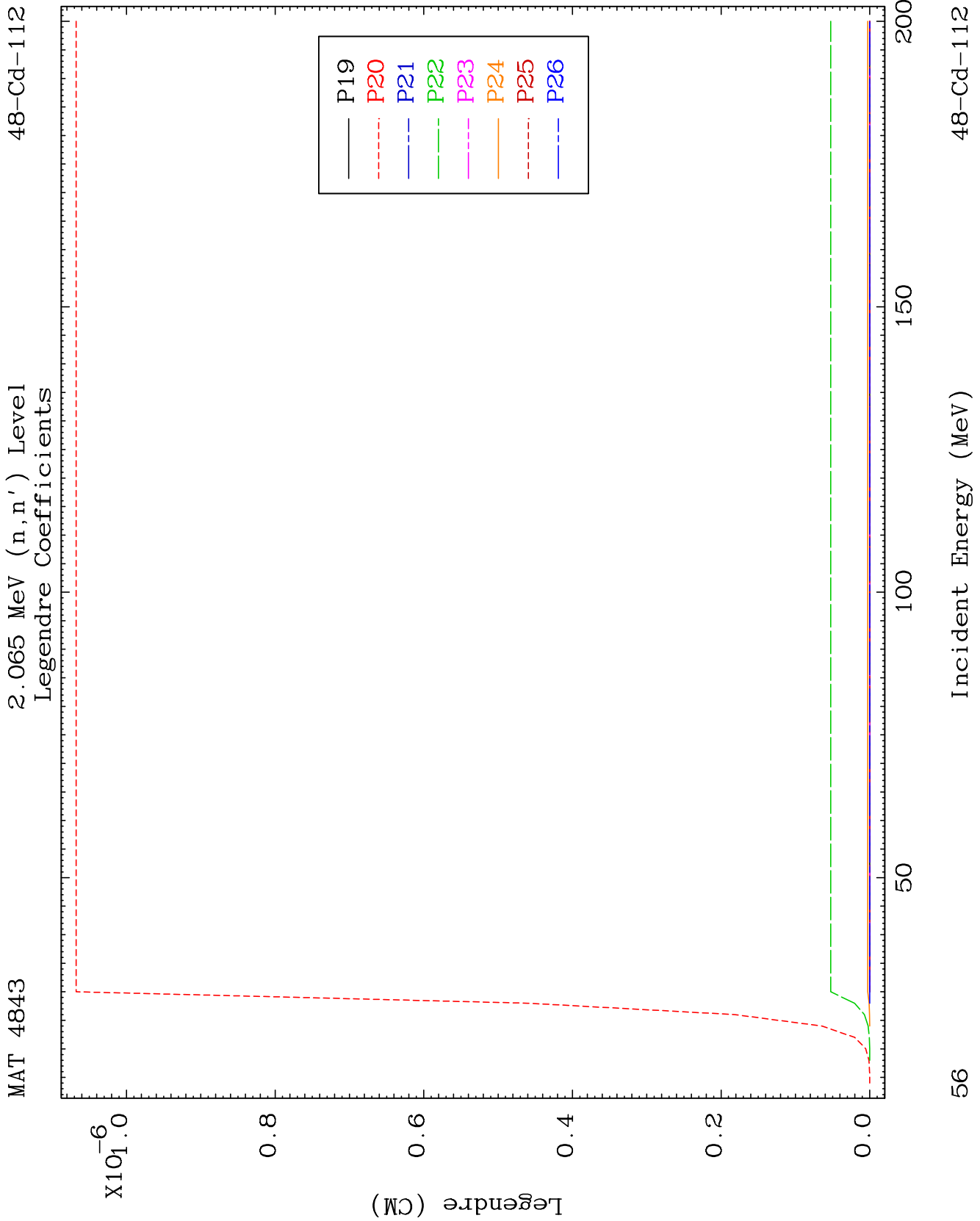
48-Cd-112



55

Incident Energy (MeV)

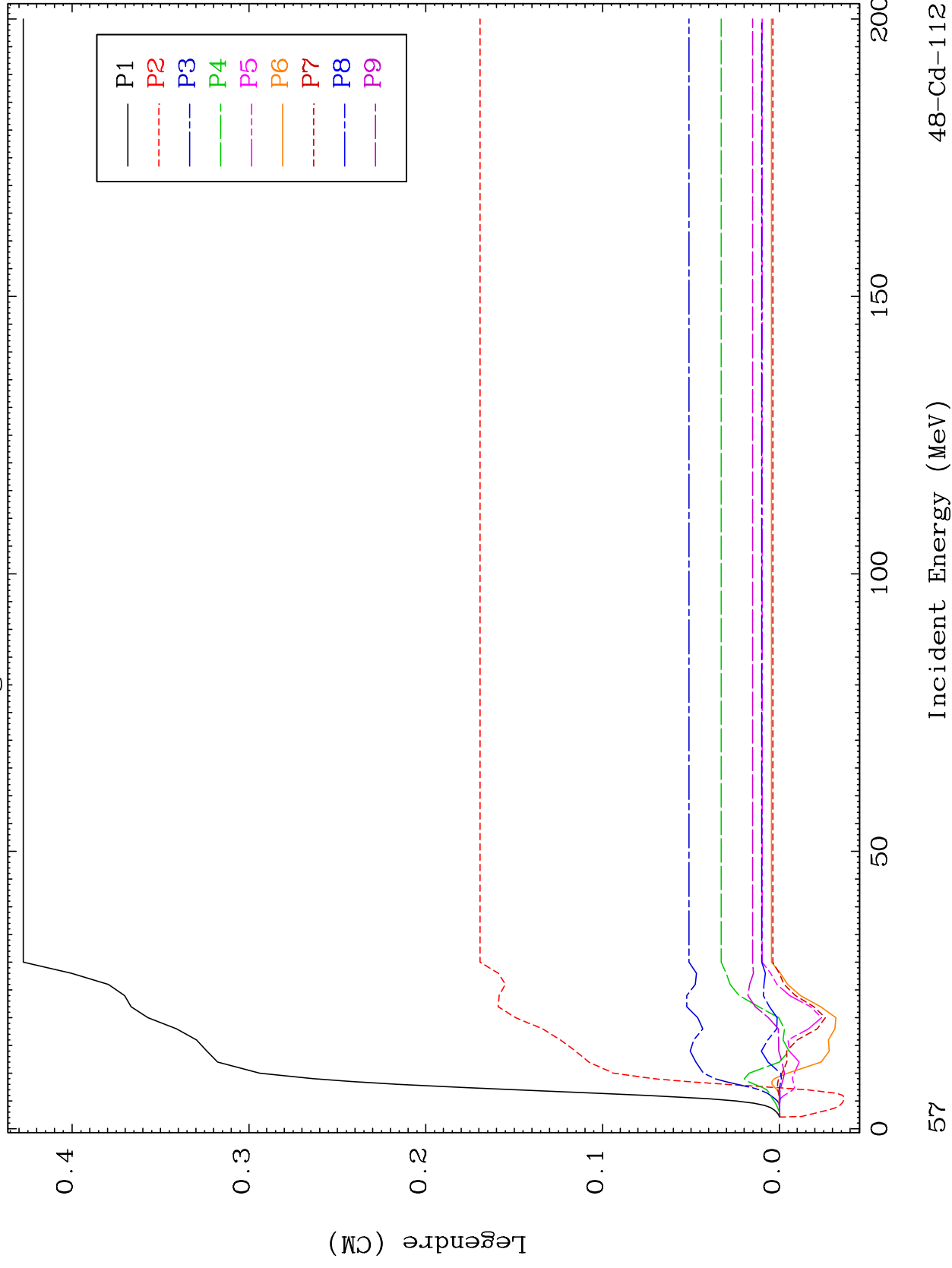
48-Cd-112



MAT 4843

2.082 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



48-Cd-112

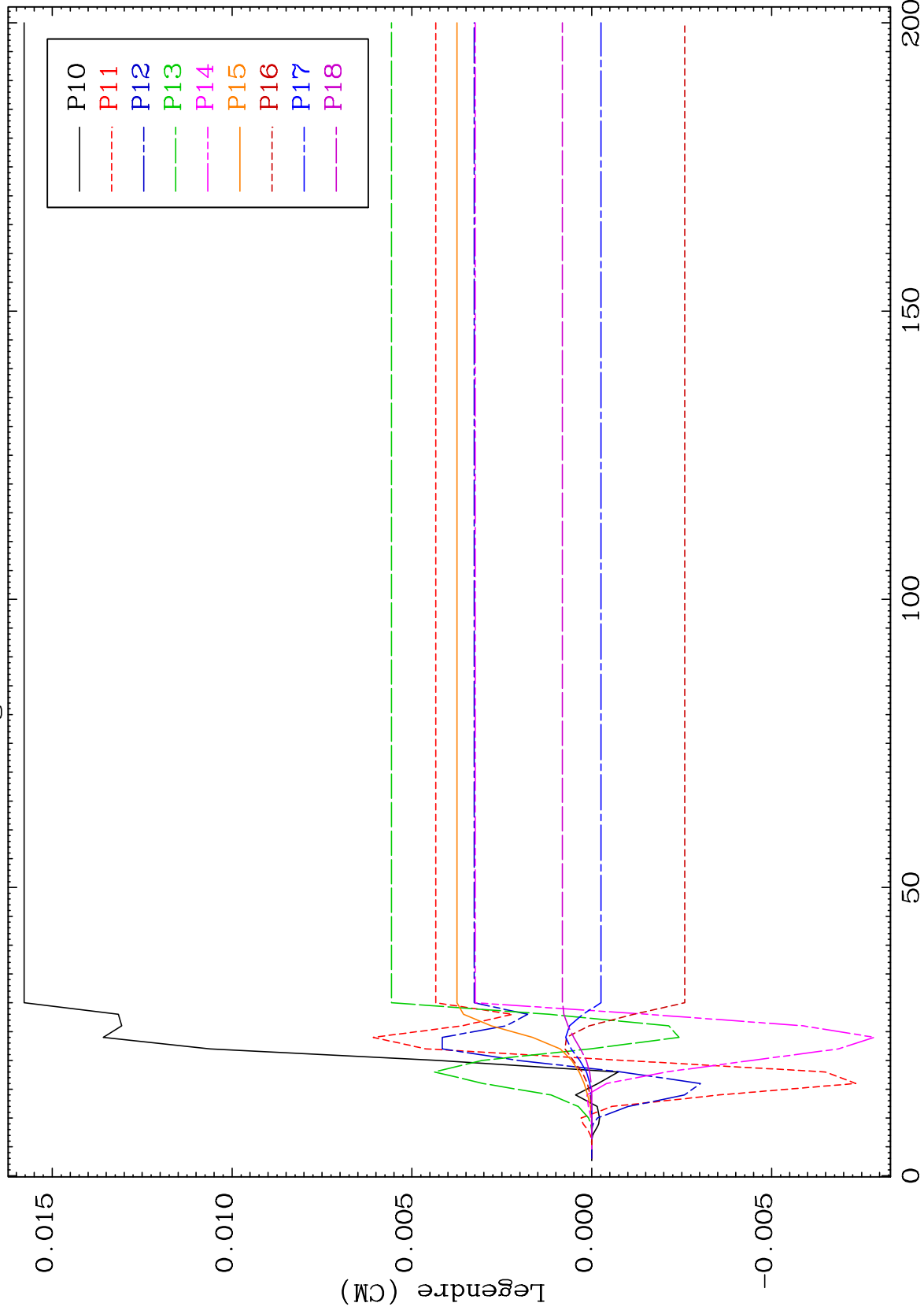
Incident Energy (MeV)

57

MAT 4843

2.082 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



58

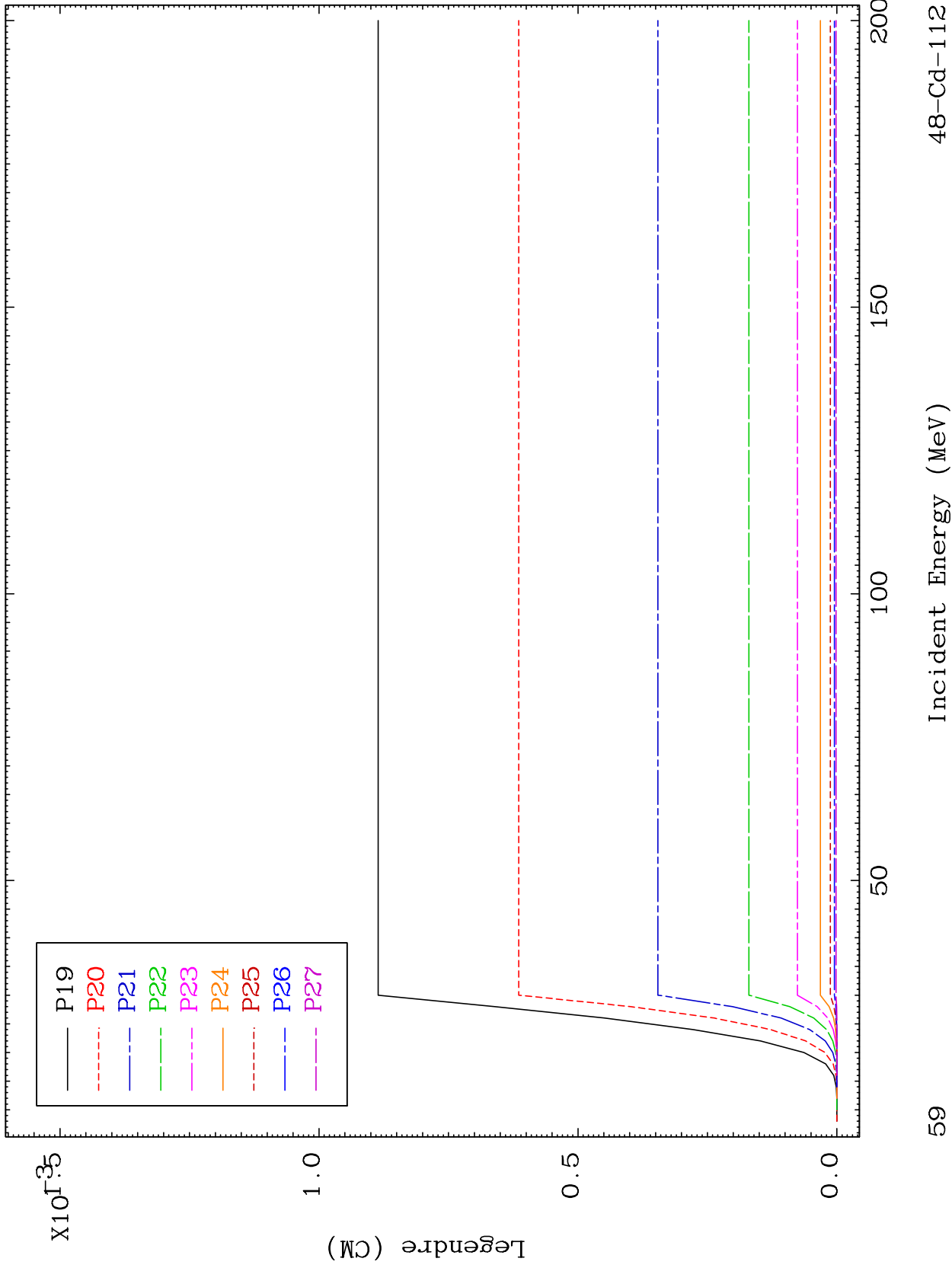
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.082 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



59

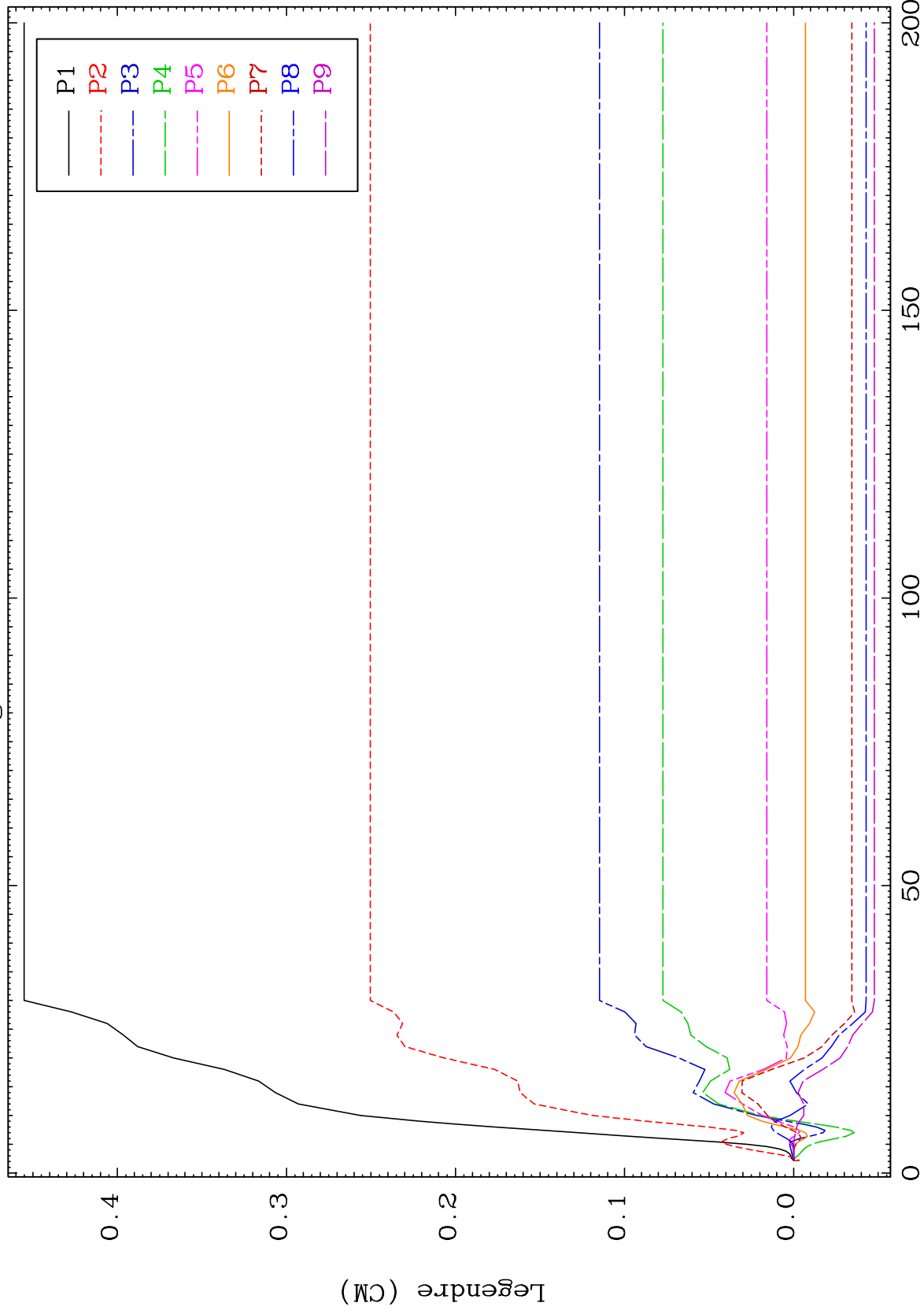
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.122 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



61

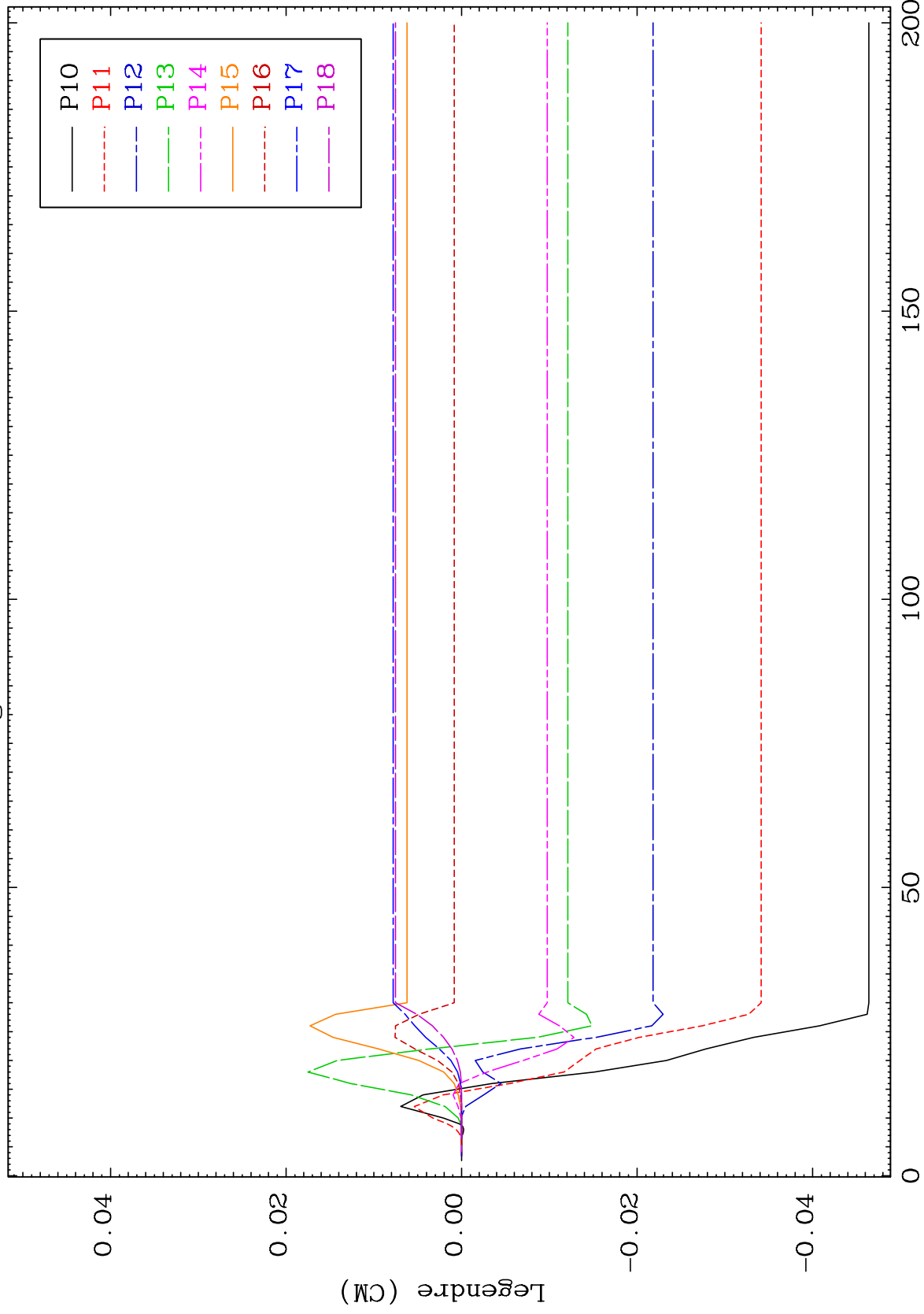
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.122 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



62

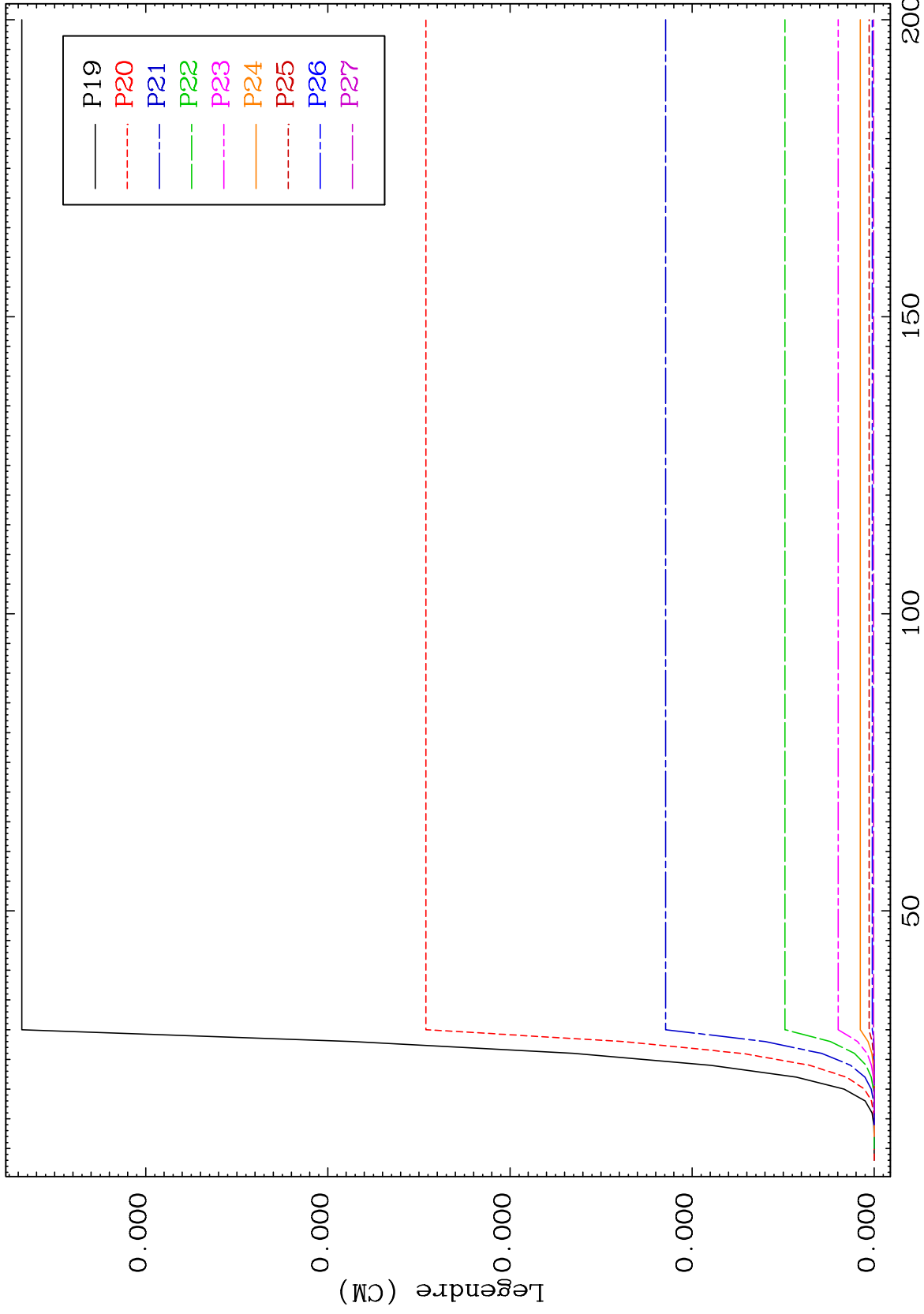
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.122 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



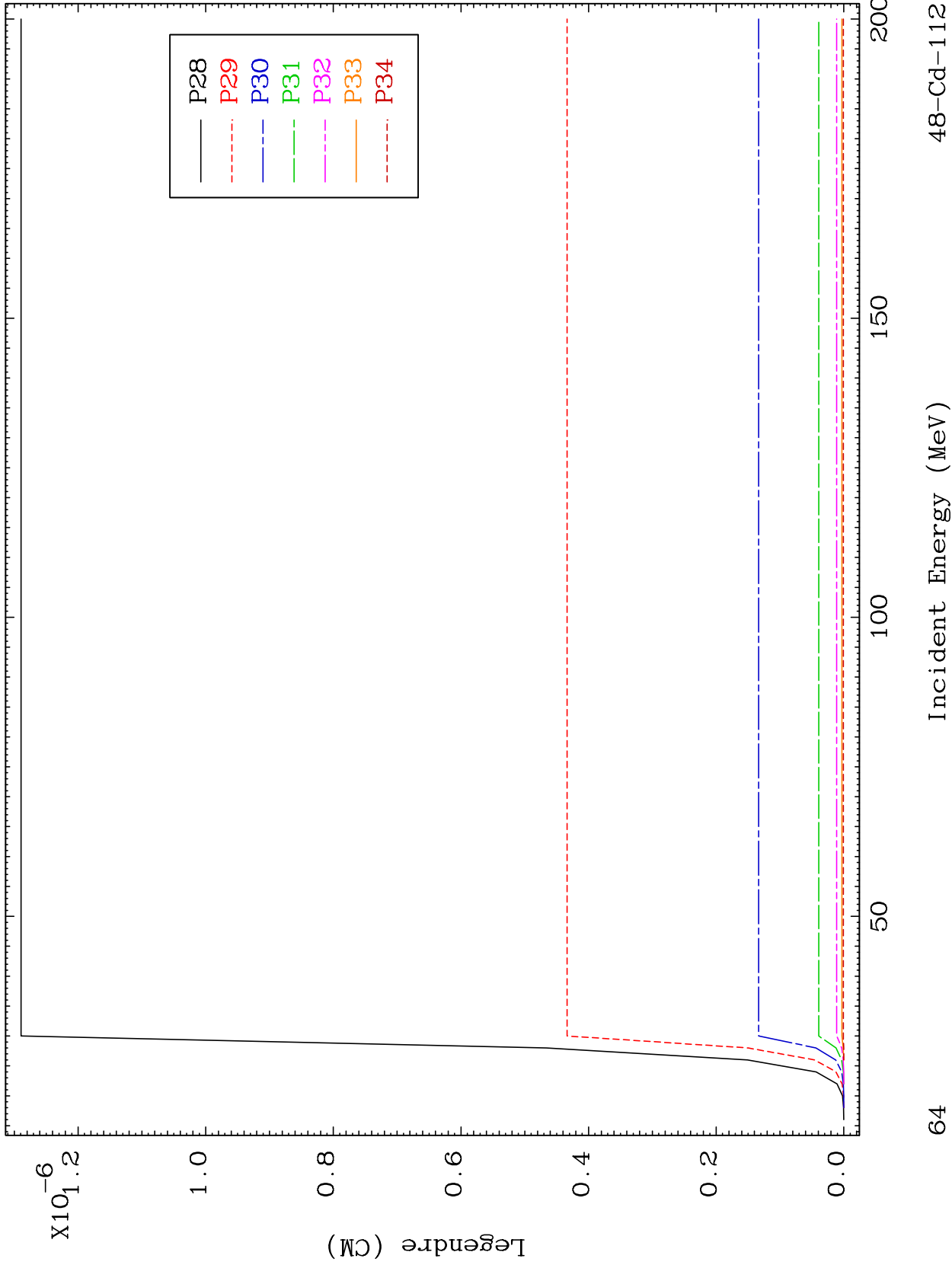
63

48-Cd-112

MAT 4843

2.122 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



64

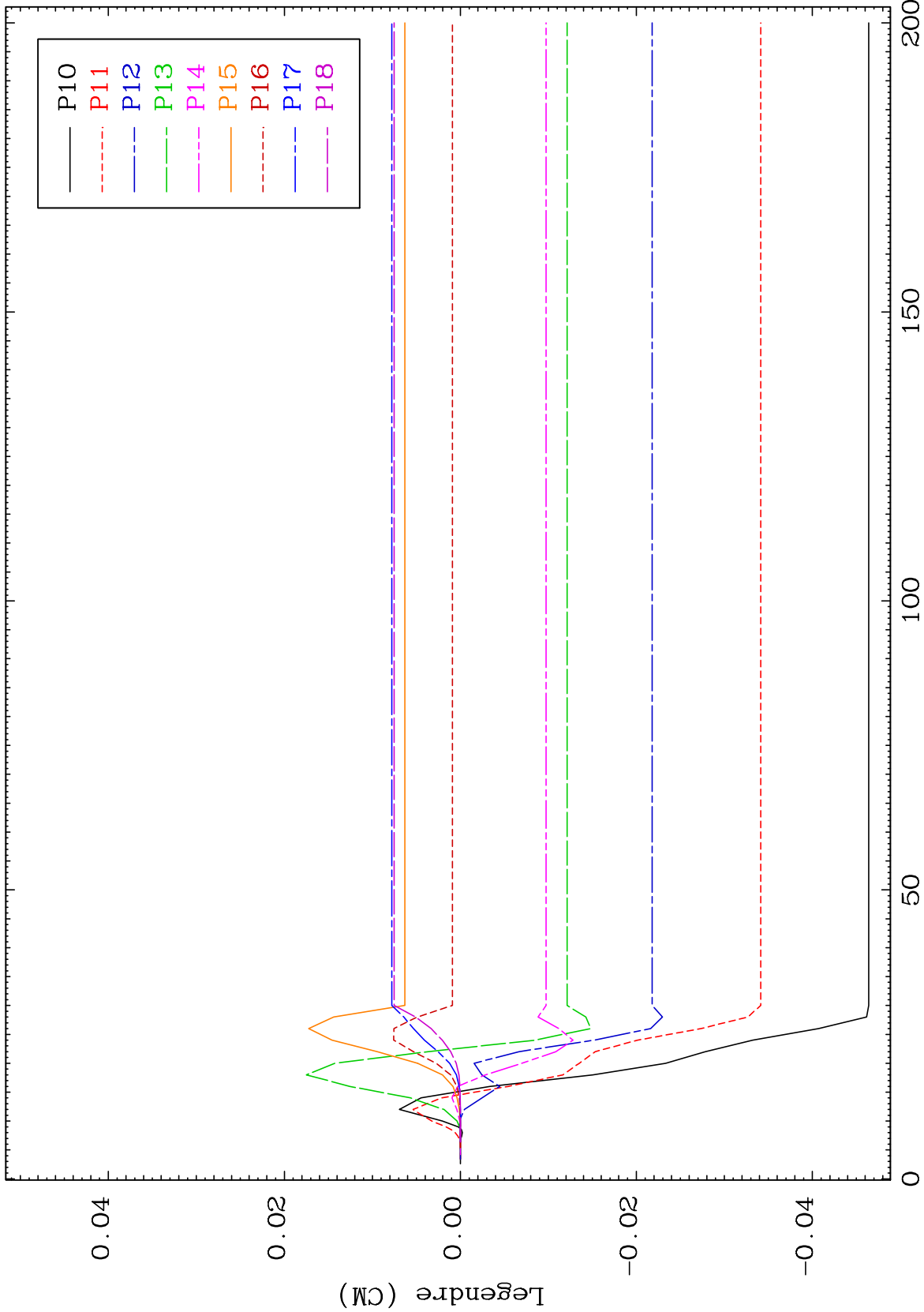
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.156 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



66

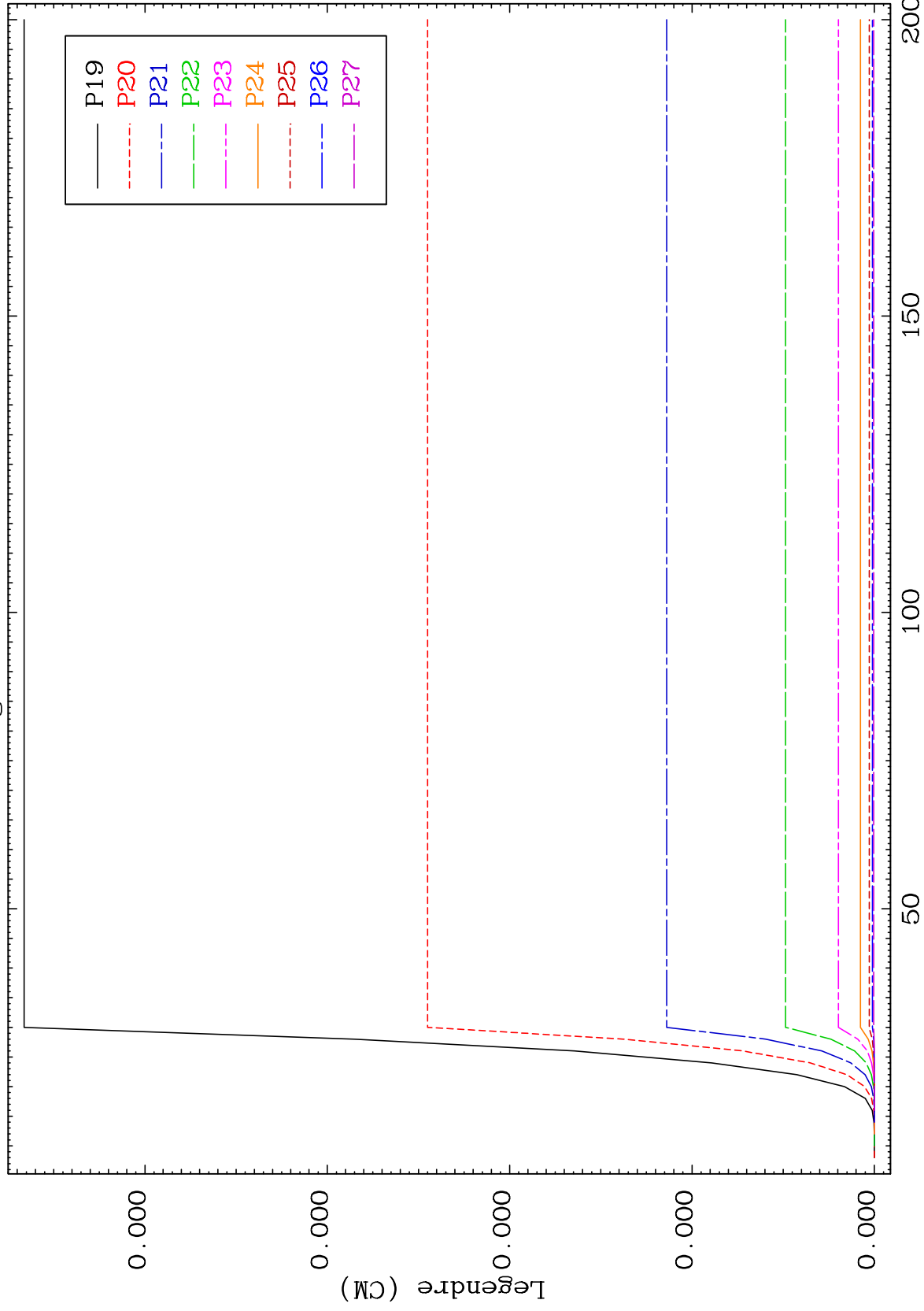
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.156 MeV (n, n') Level
Legendre Coefficients

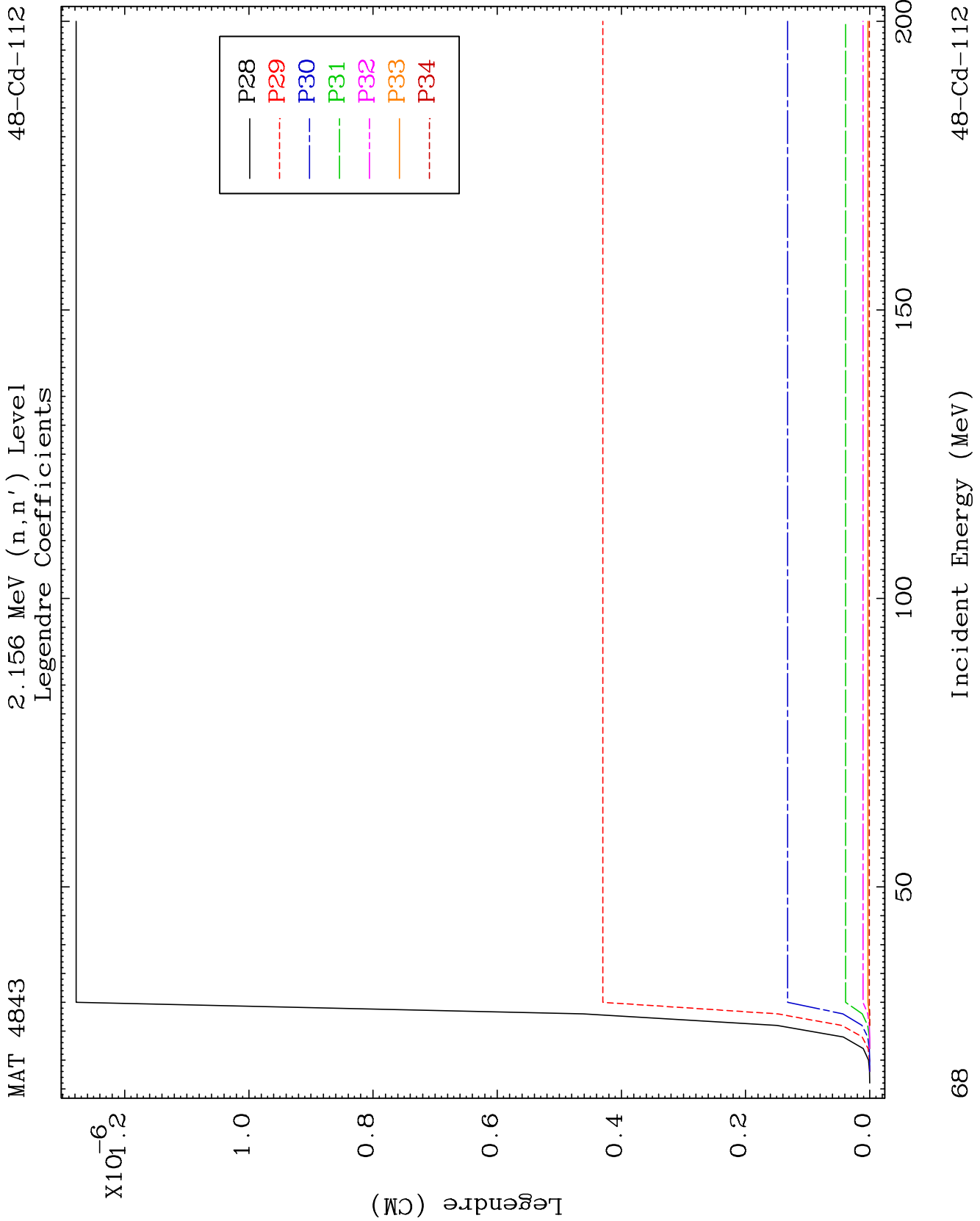
48-Cd-112

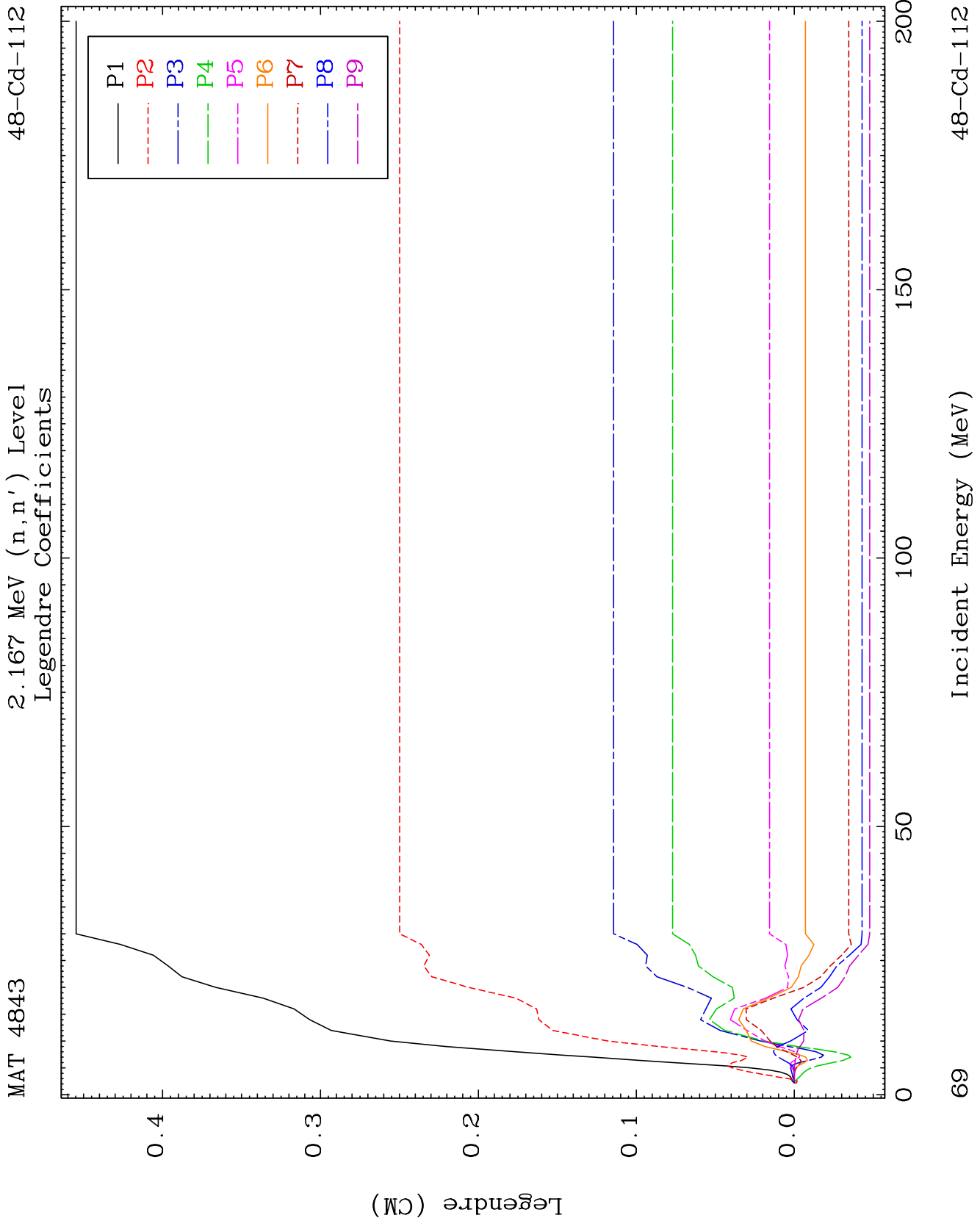


67

Incident Energy (MeV)

48-Cd-112

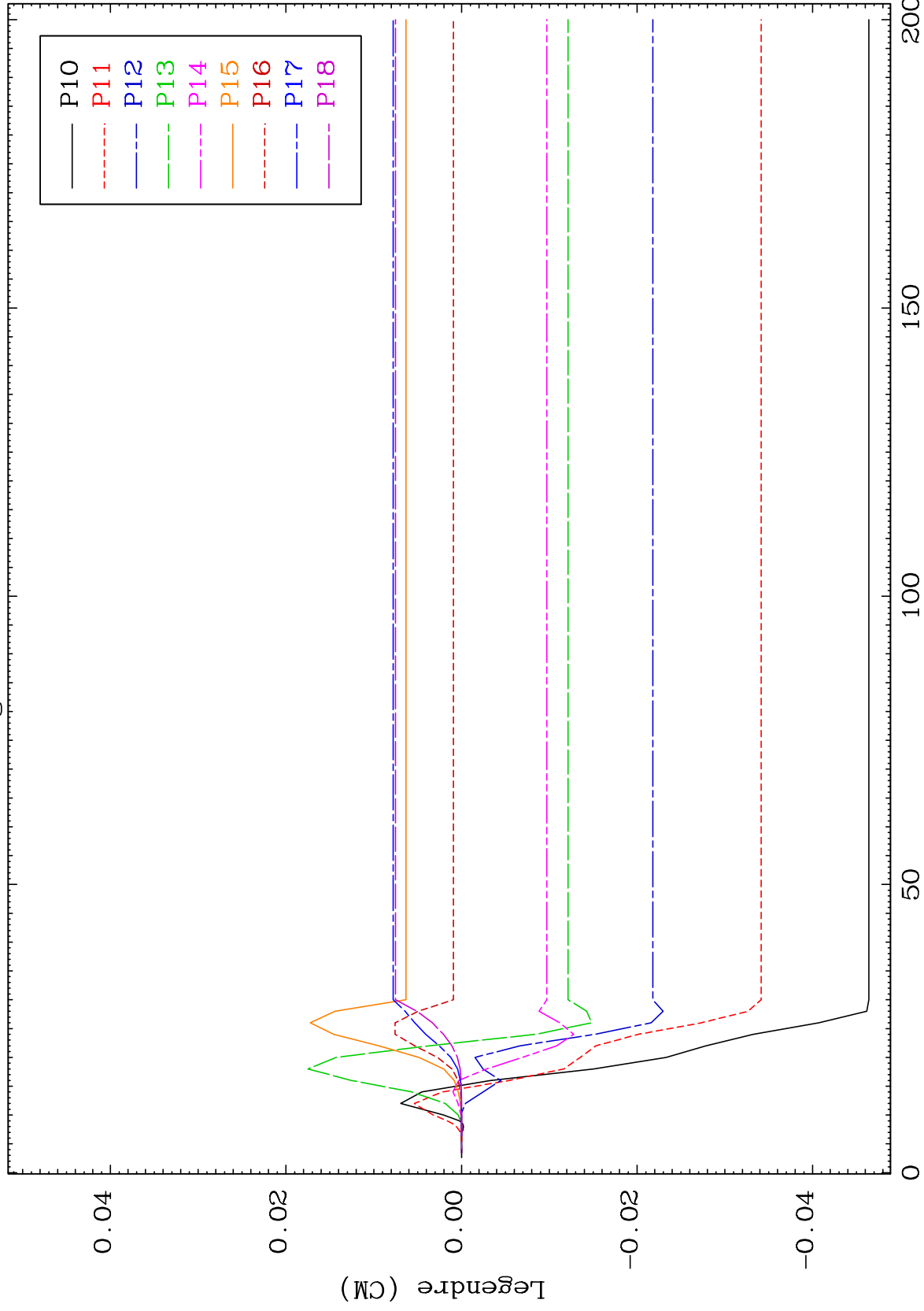




MAT 4843

2.167 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



70

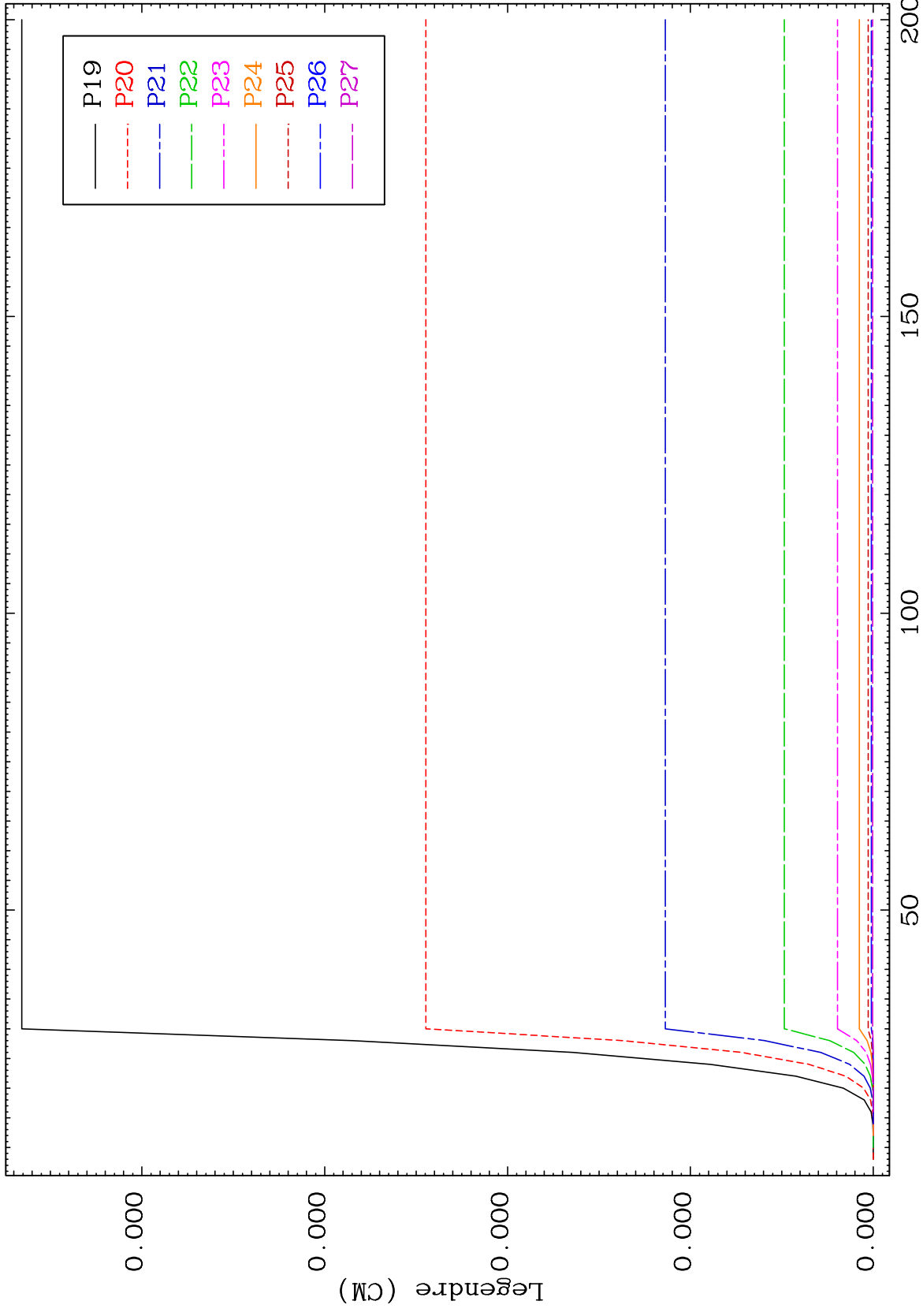
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.167 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



71

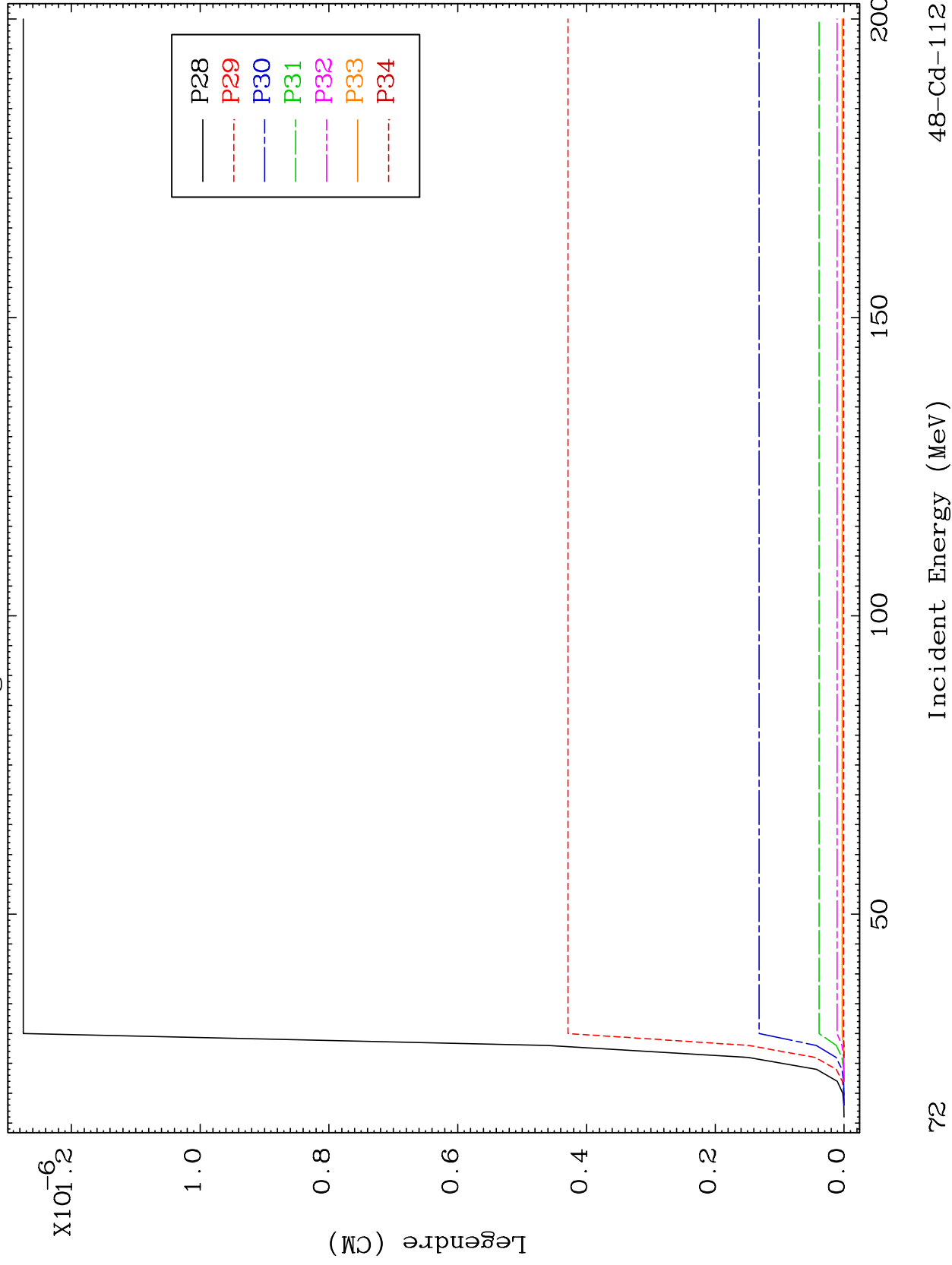
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.167 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



72

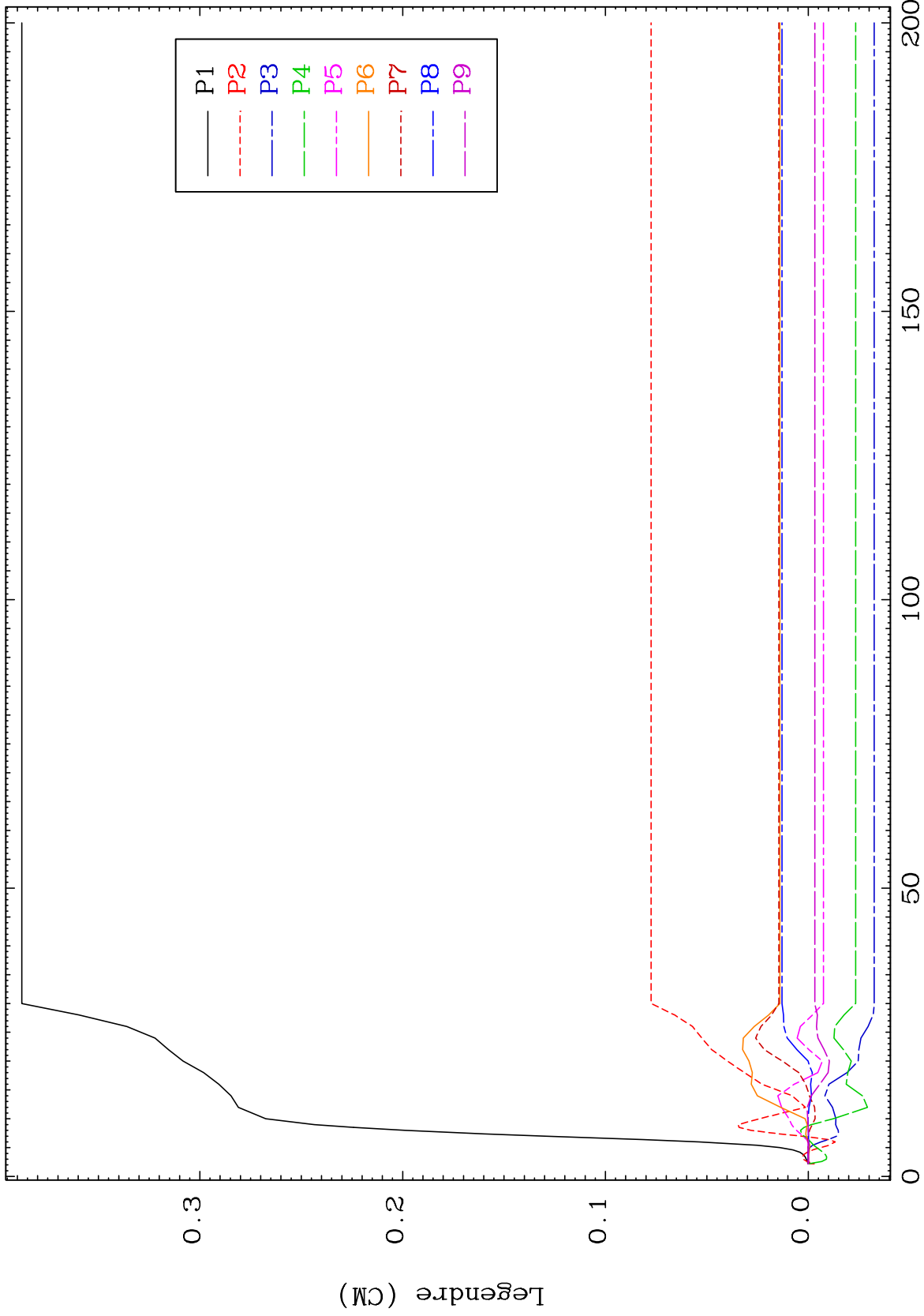
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.168 MeV (n, n') Level
Legendre Coefficients

48-Cd-112



73

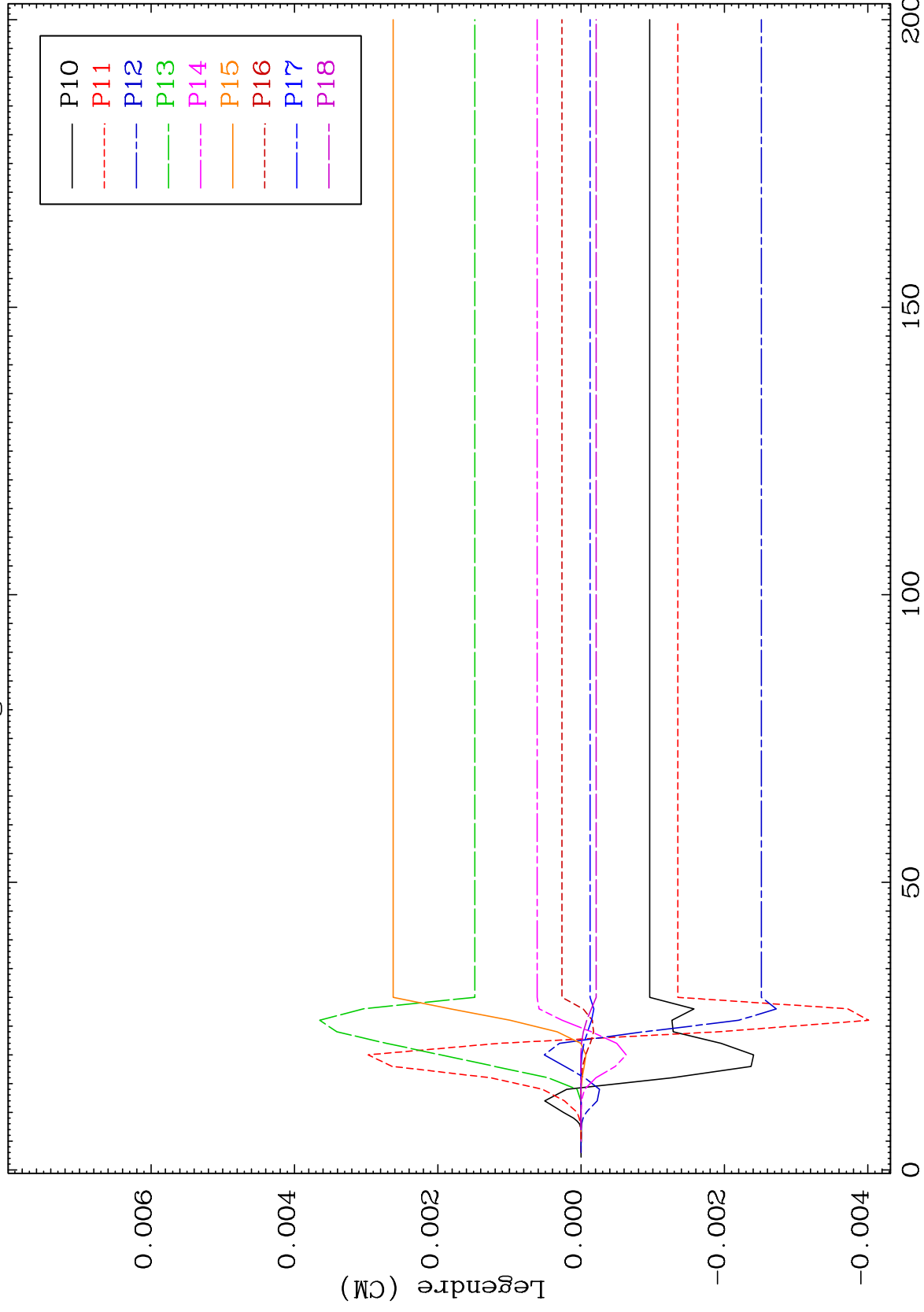
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.168 MeV (n,n') Level
Legendre Coefficients

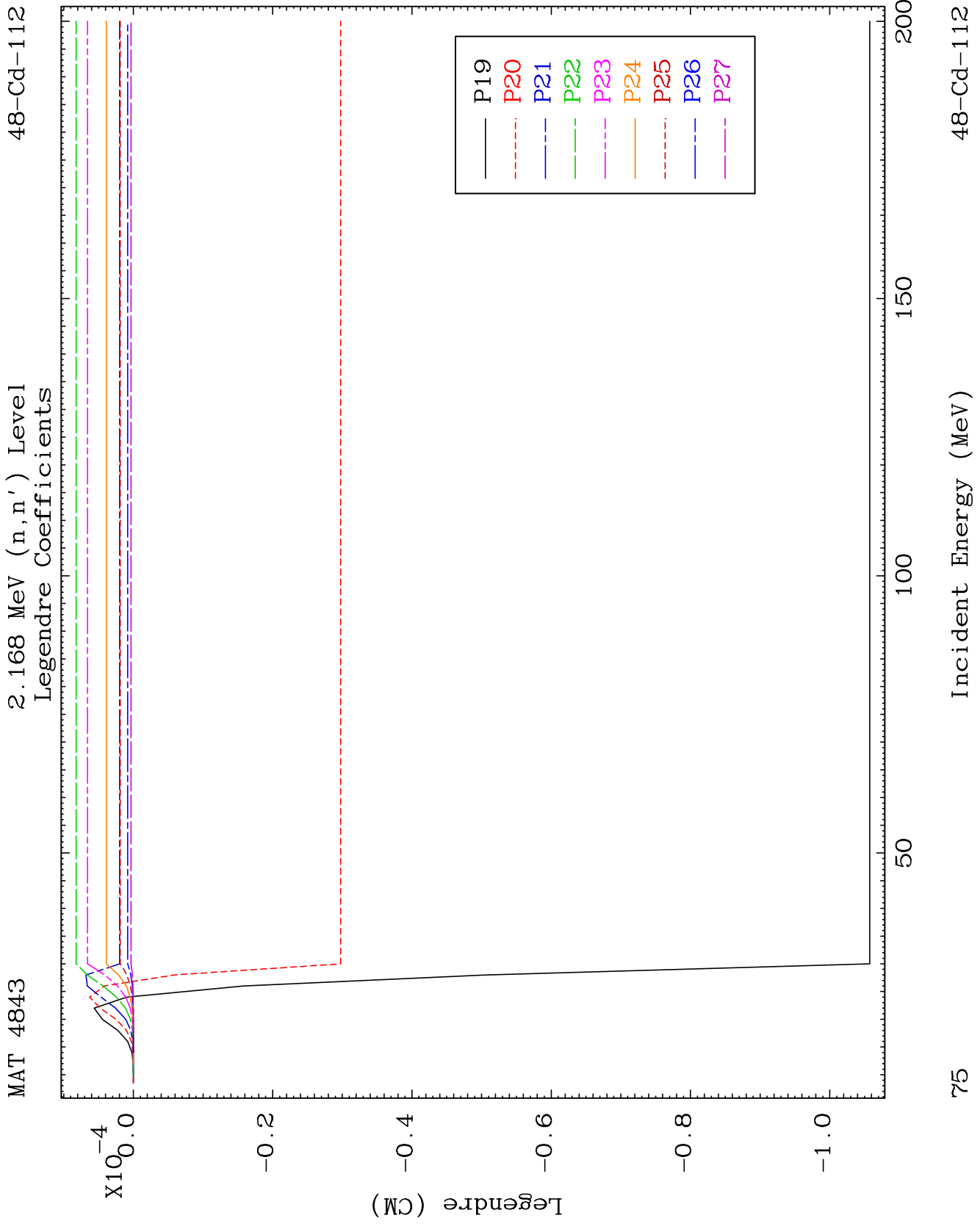
48-Cd-112



74

Incident Energy (MeV)

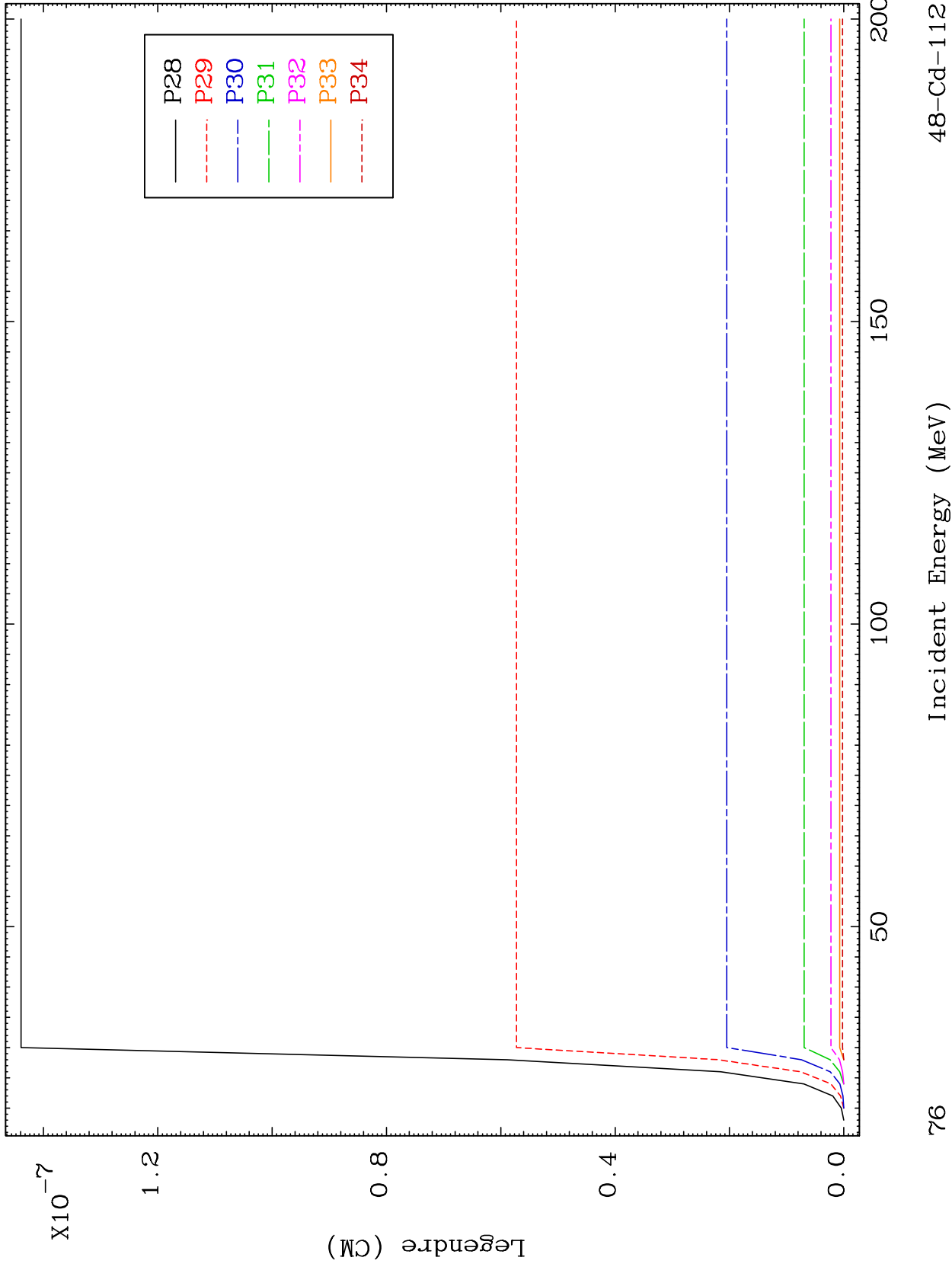
48-Cd-112



MAT 4843

2.168 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



76

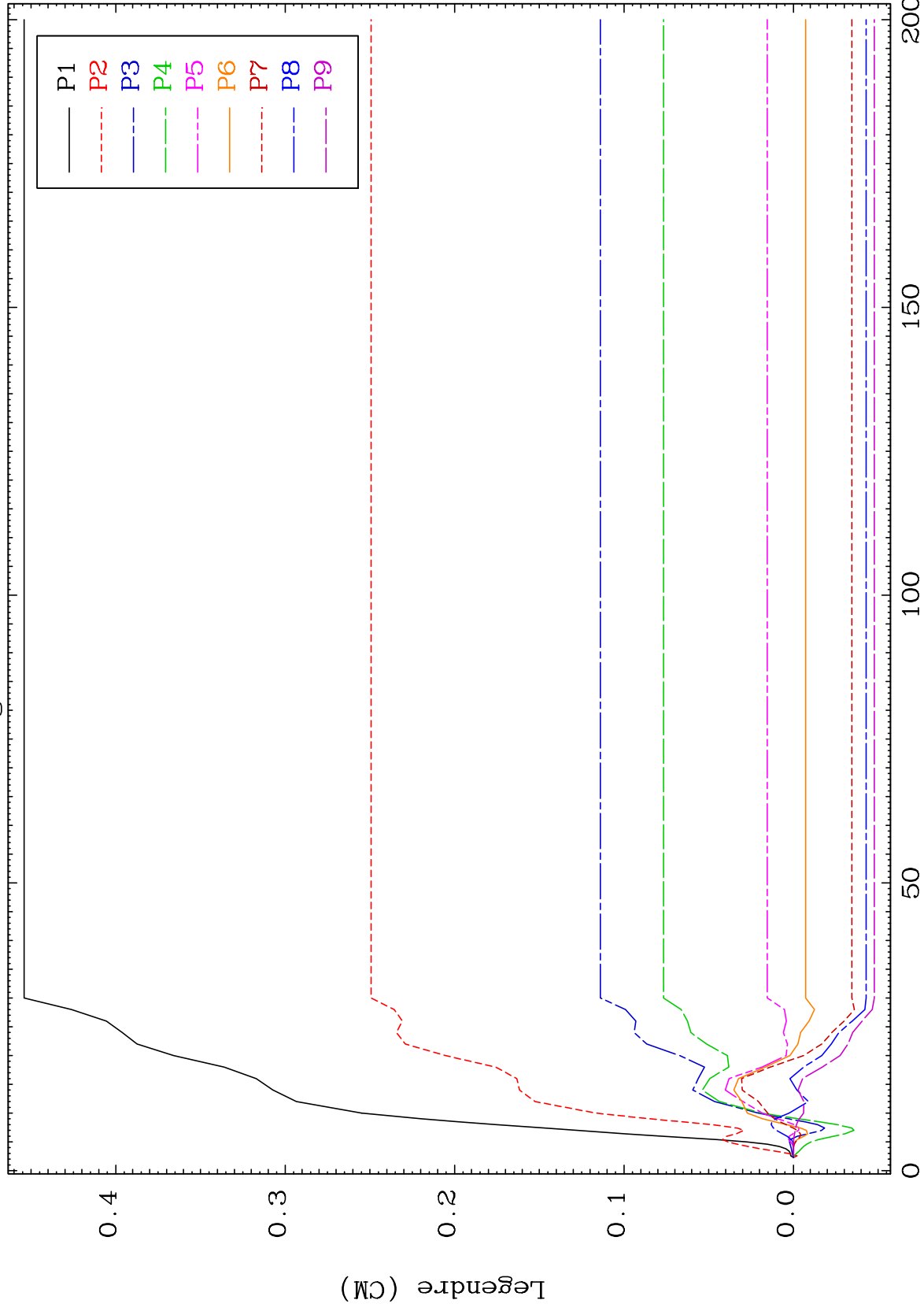
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.231 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



77

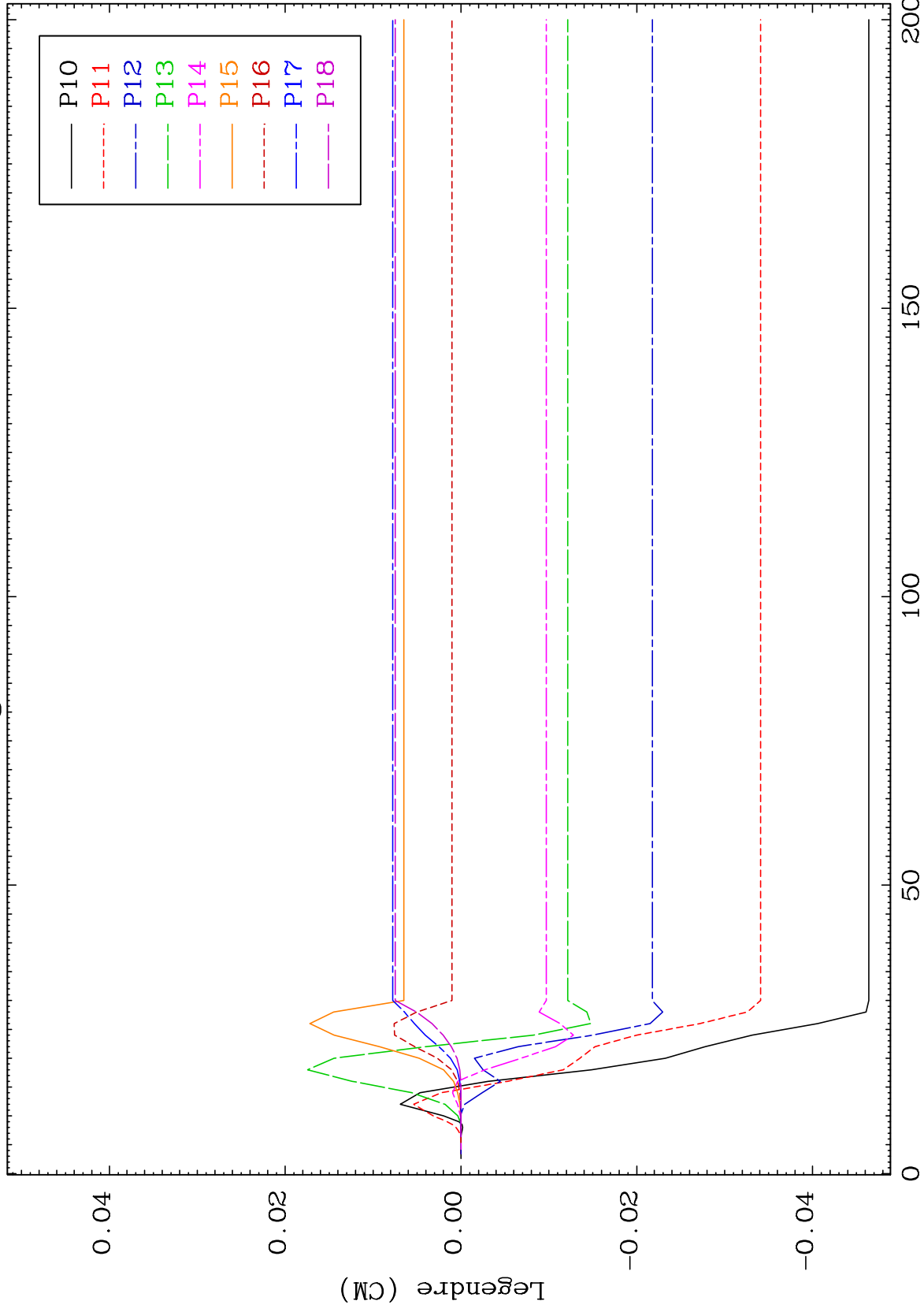
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.231 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



78

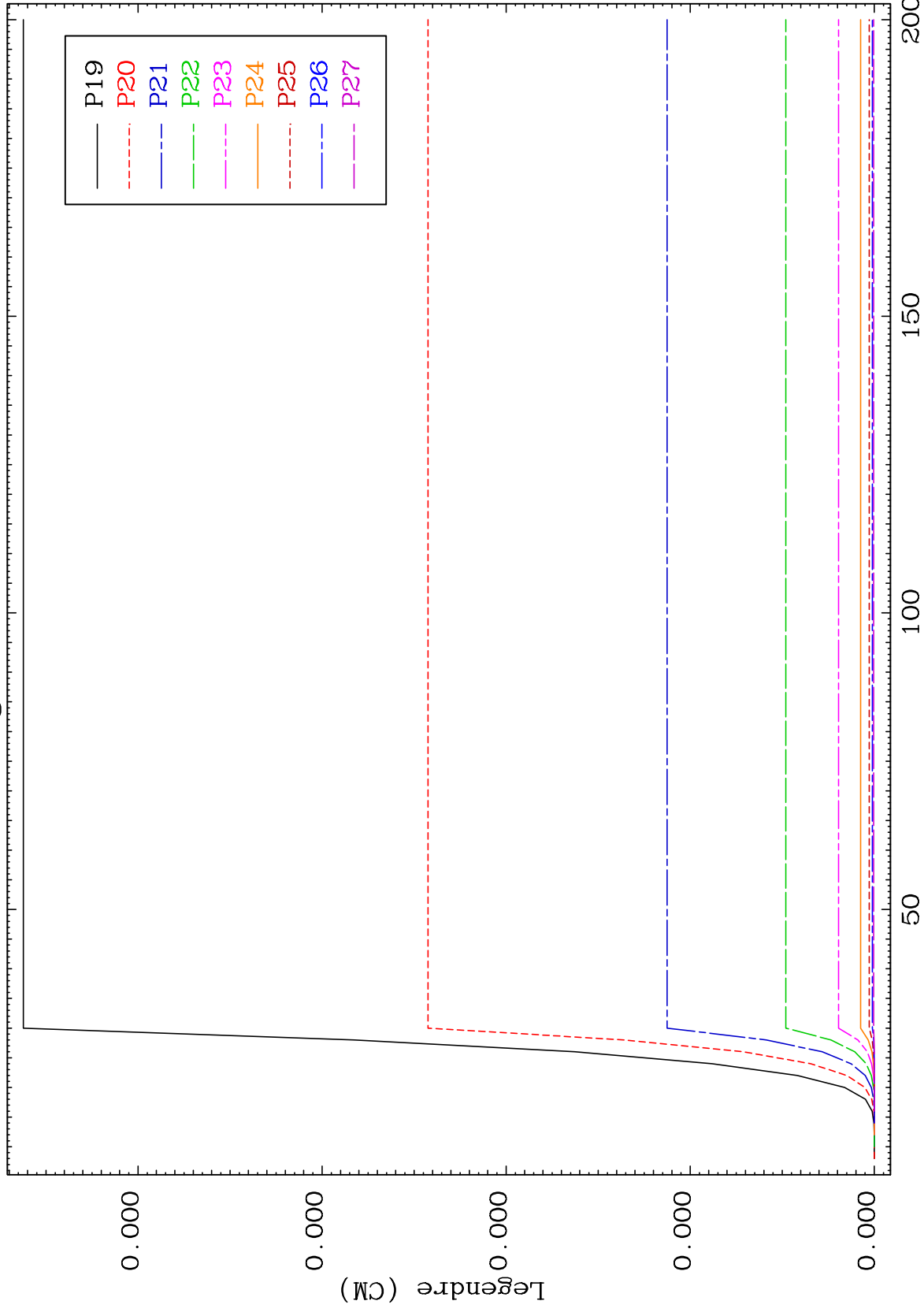
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.231 MeV (n, n') Level
Legendre Coefficients

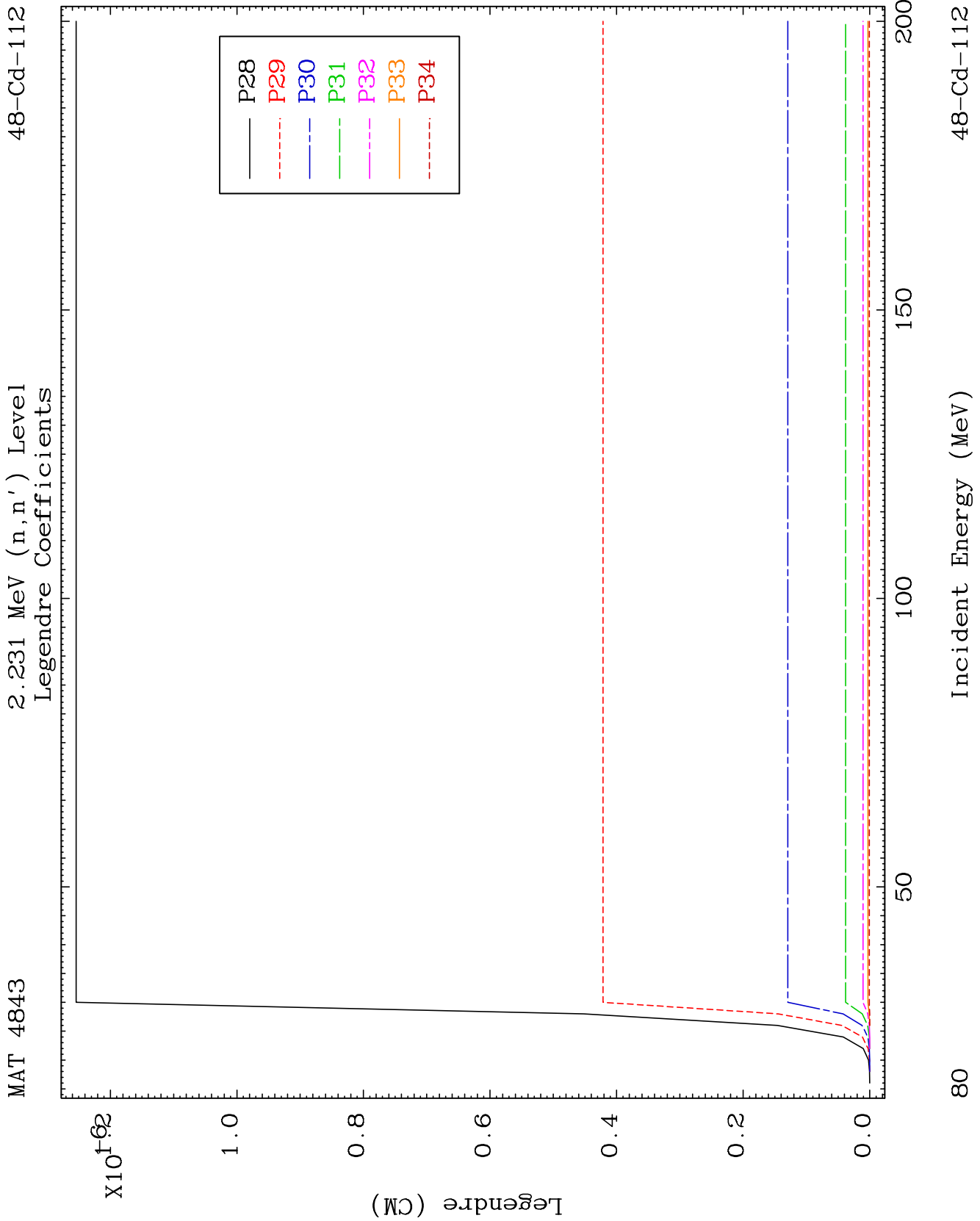
48-Cd-112

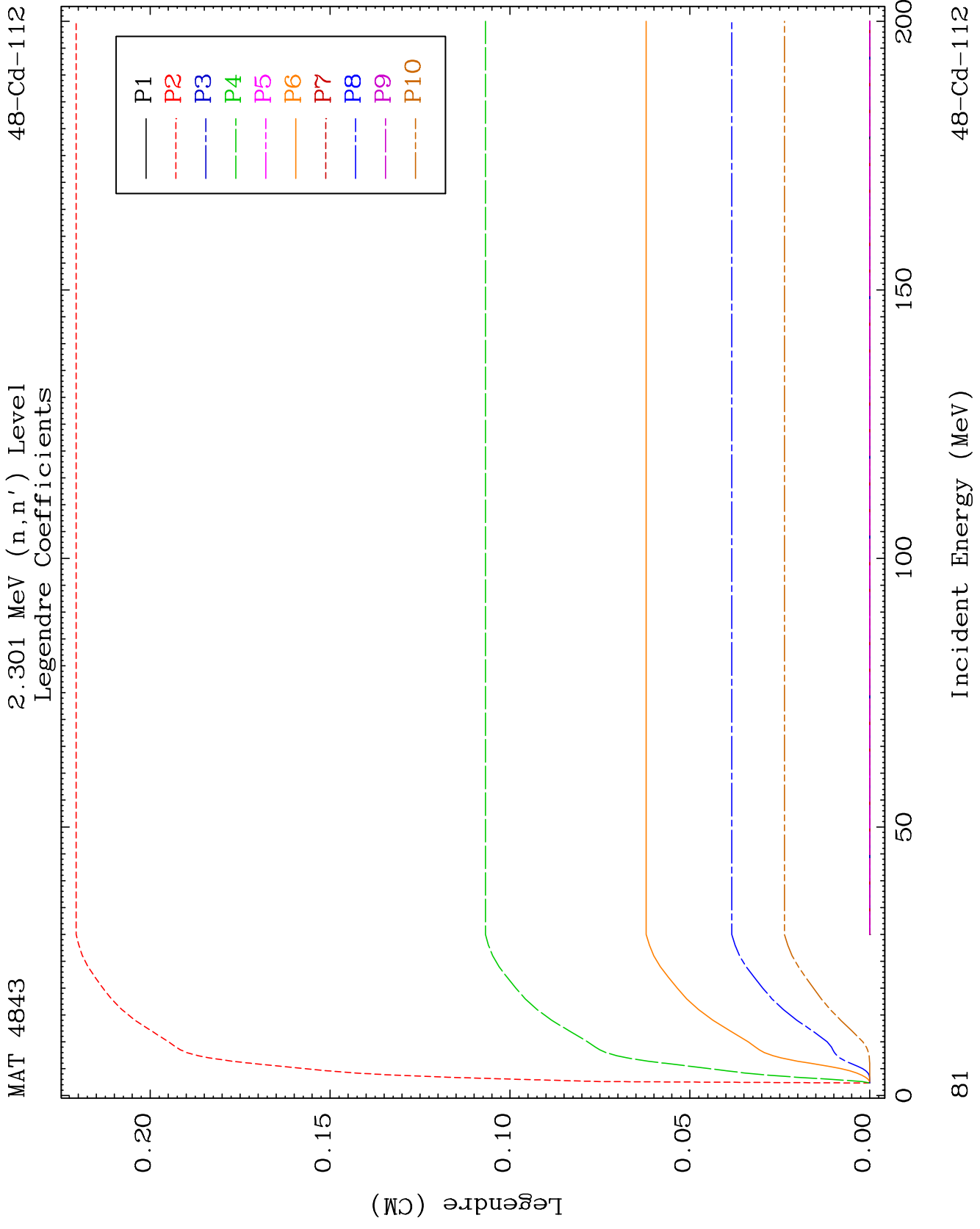


79

Incident Energy (MeV)

48-Cd-112

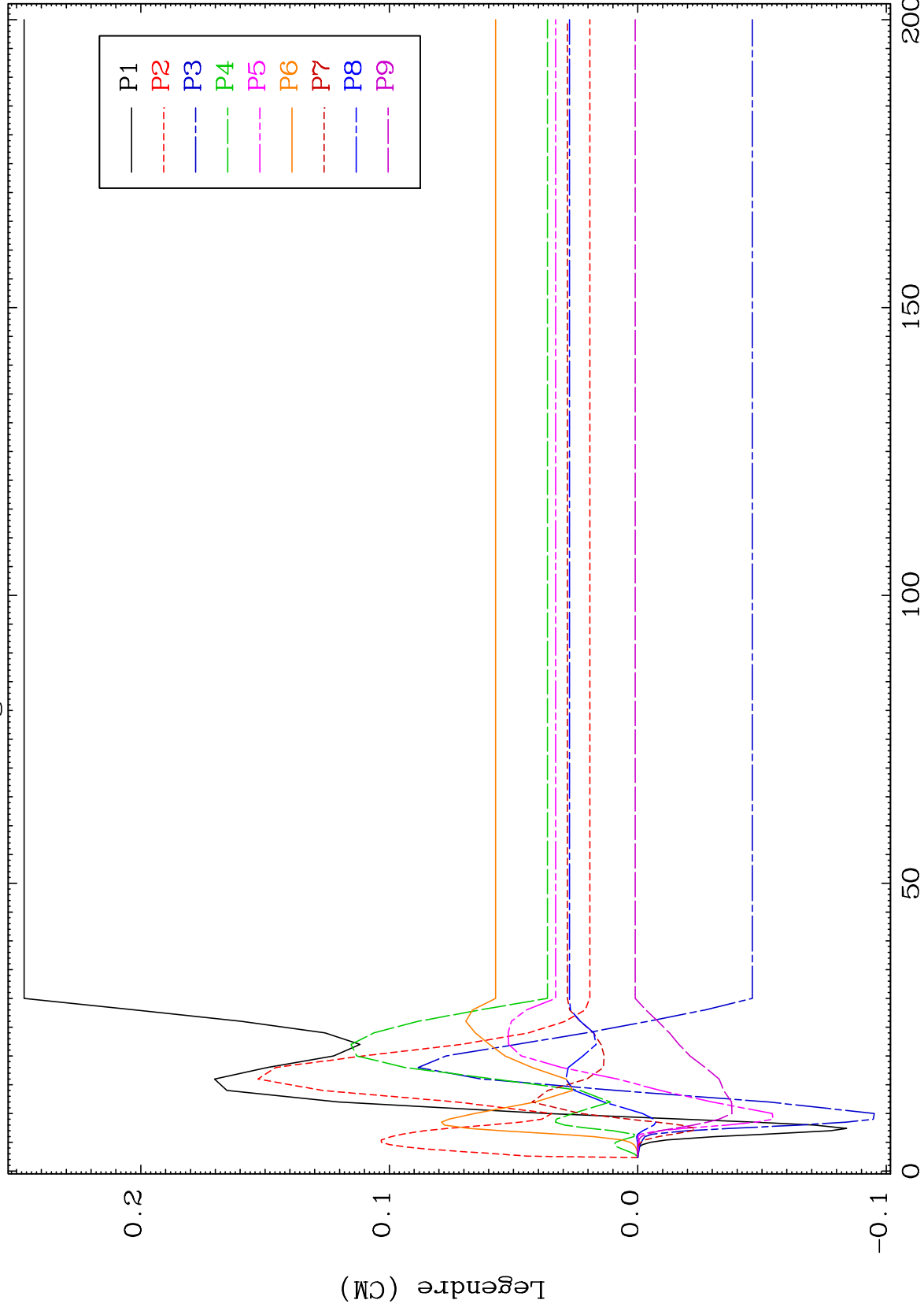




MAT 4843

2.305 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



84

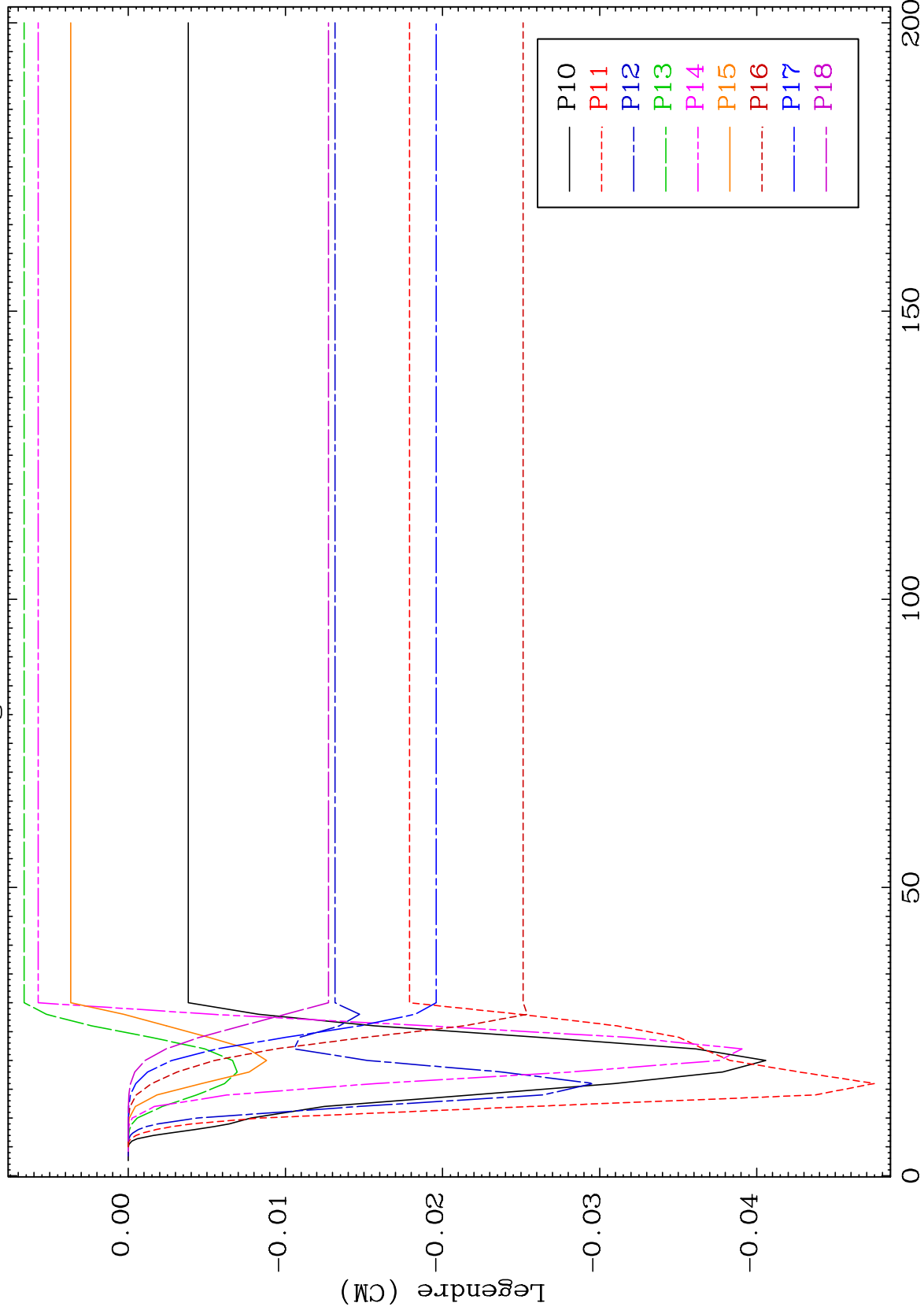
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.305 MeV (n,n') Level
Legendre Coefficients

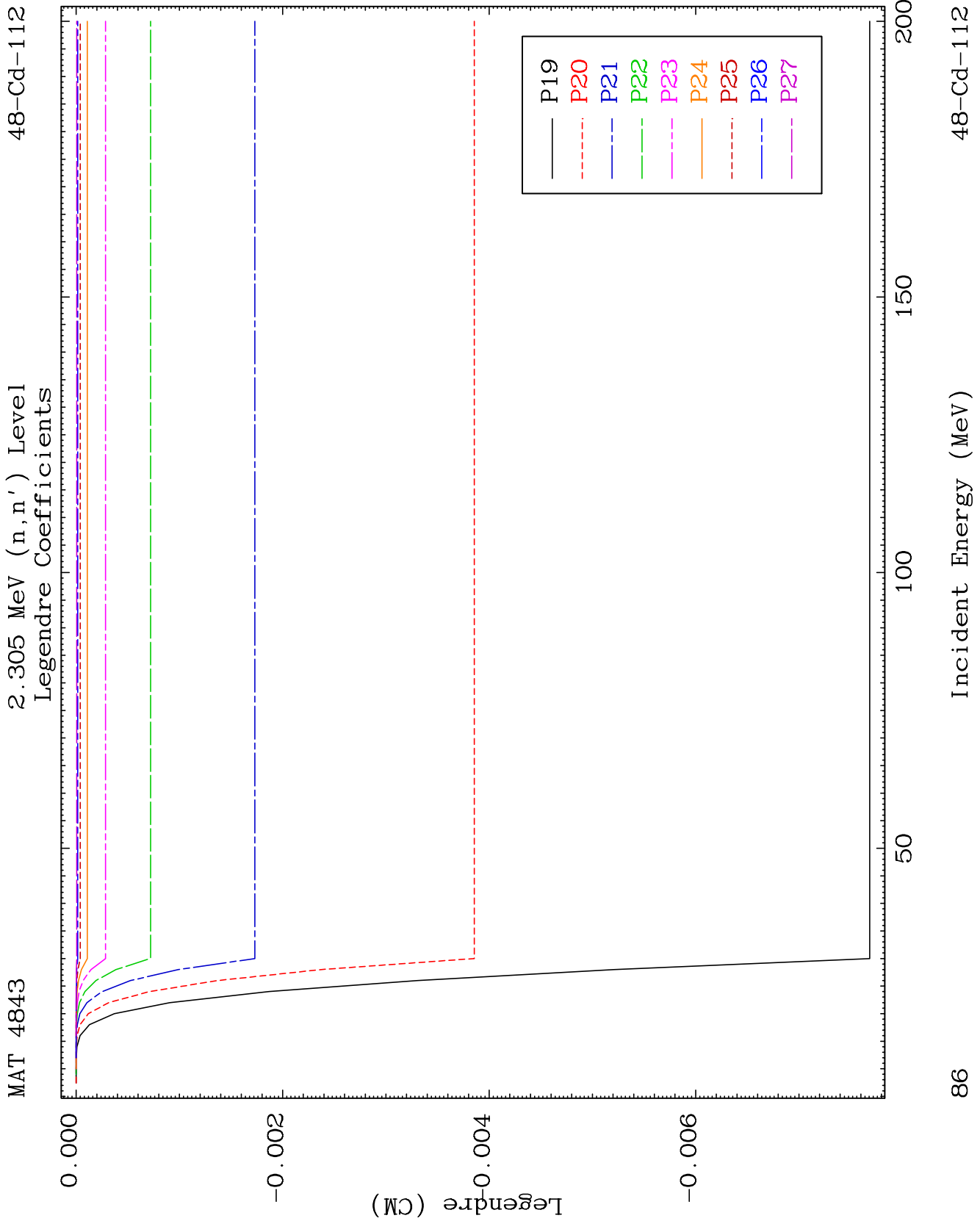
48-Cd-112

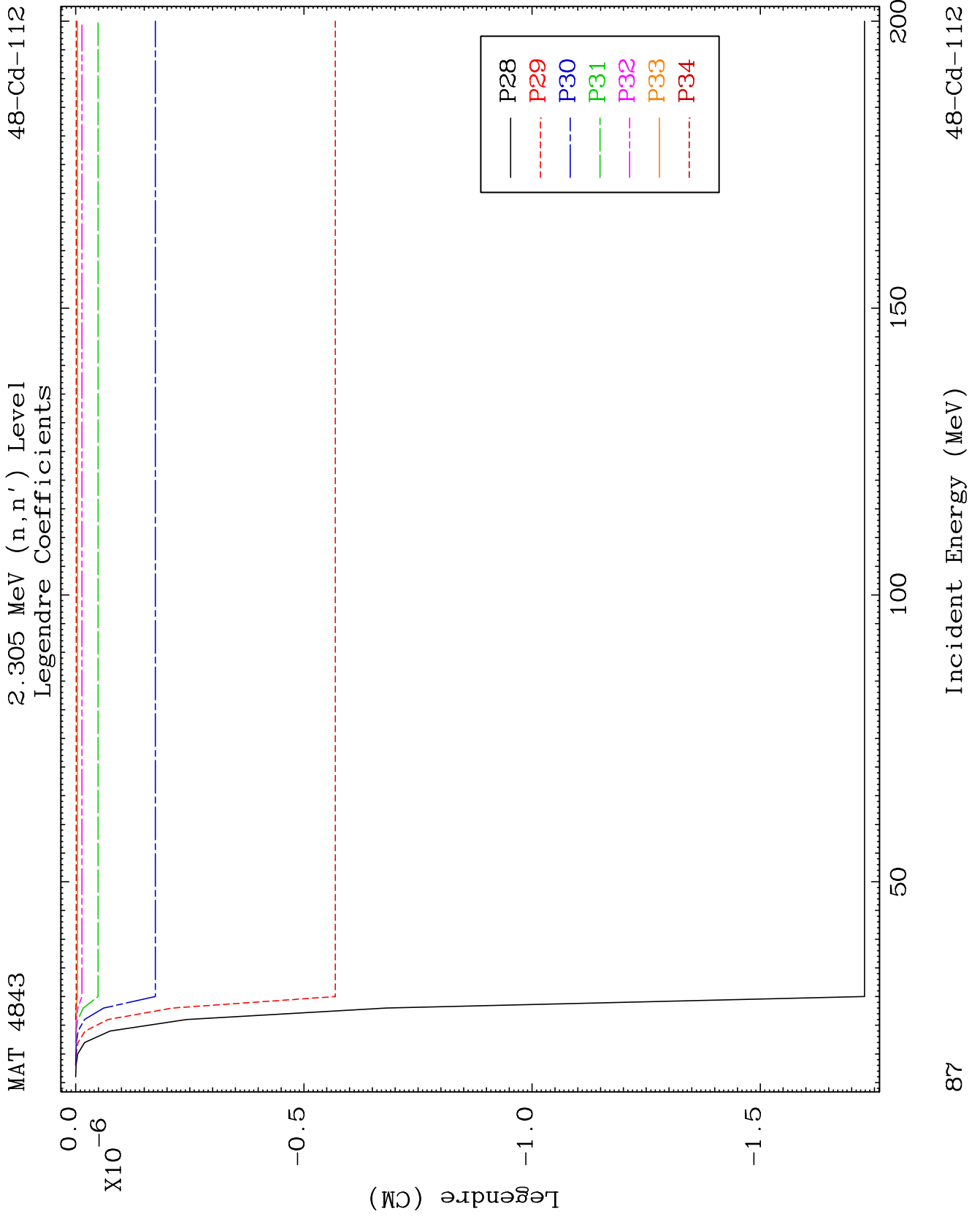


85

Incident Energy (MeV)

48-Cd-112

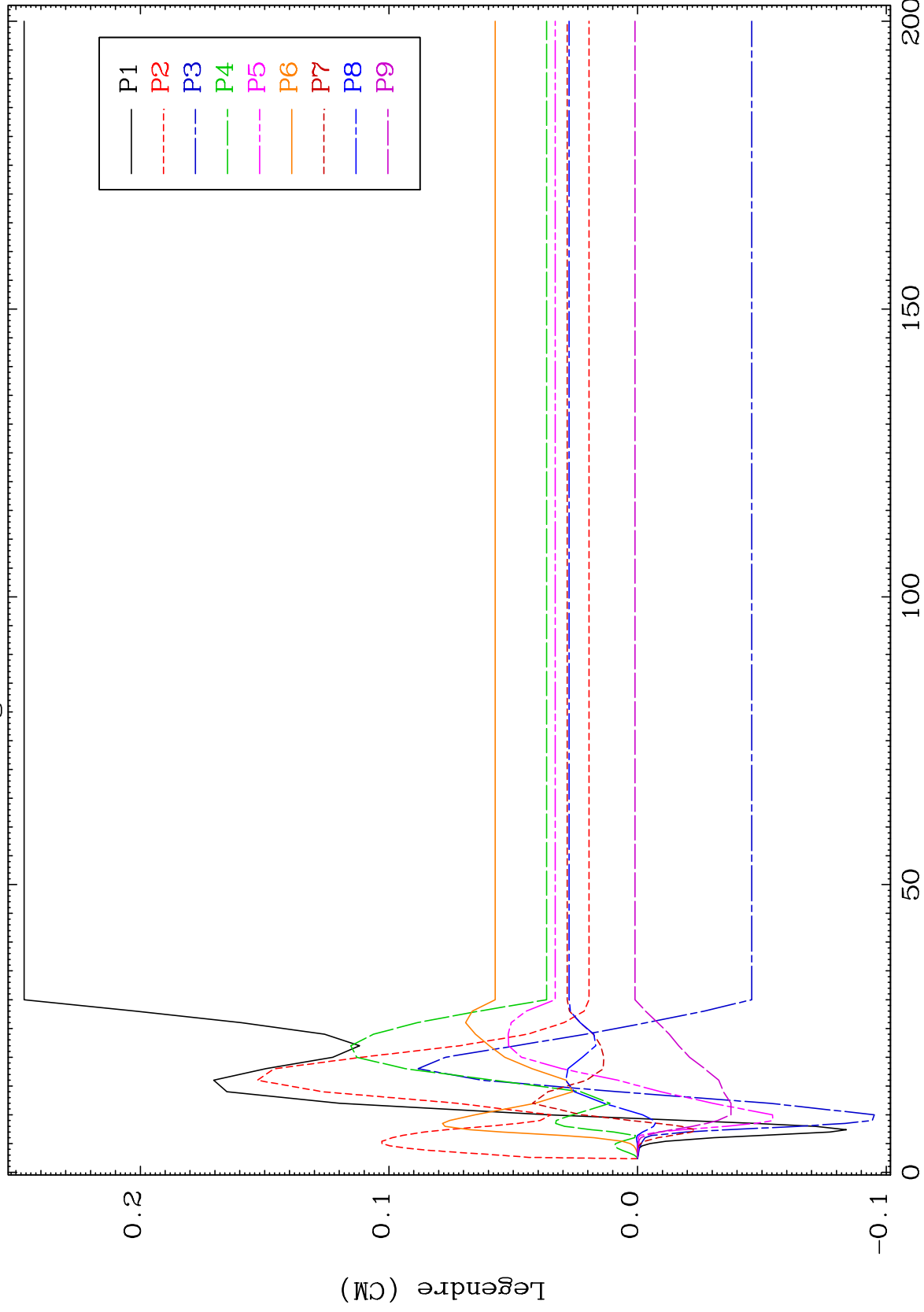




MAT 4843

2.335 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



88

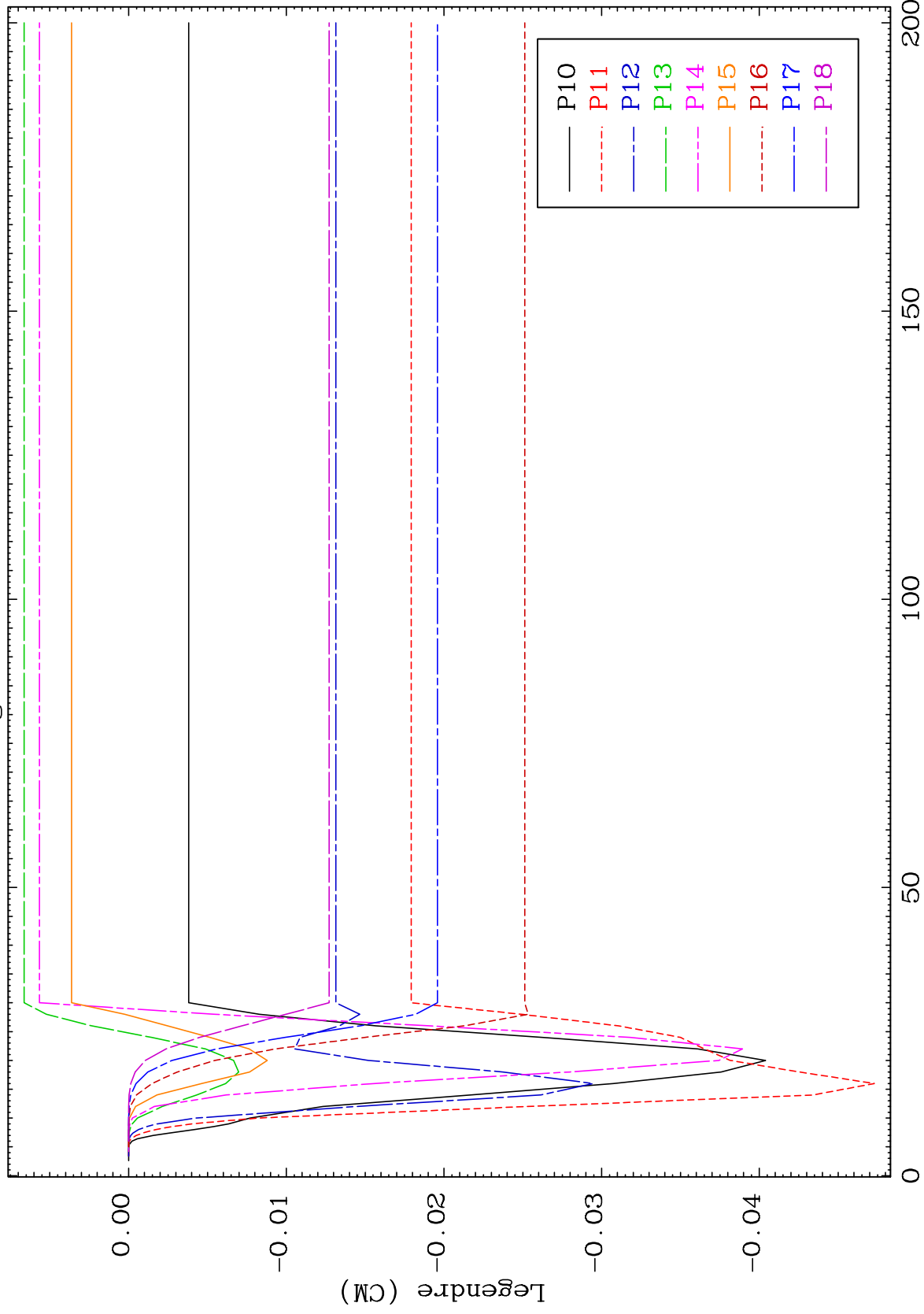
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.335 MeV (n,n') Level
Legendre Coefficients

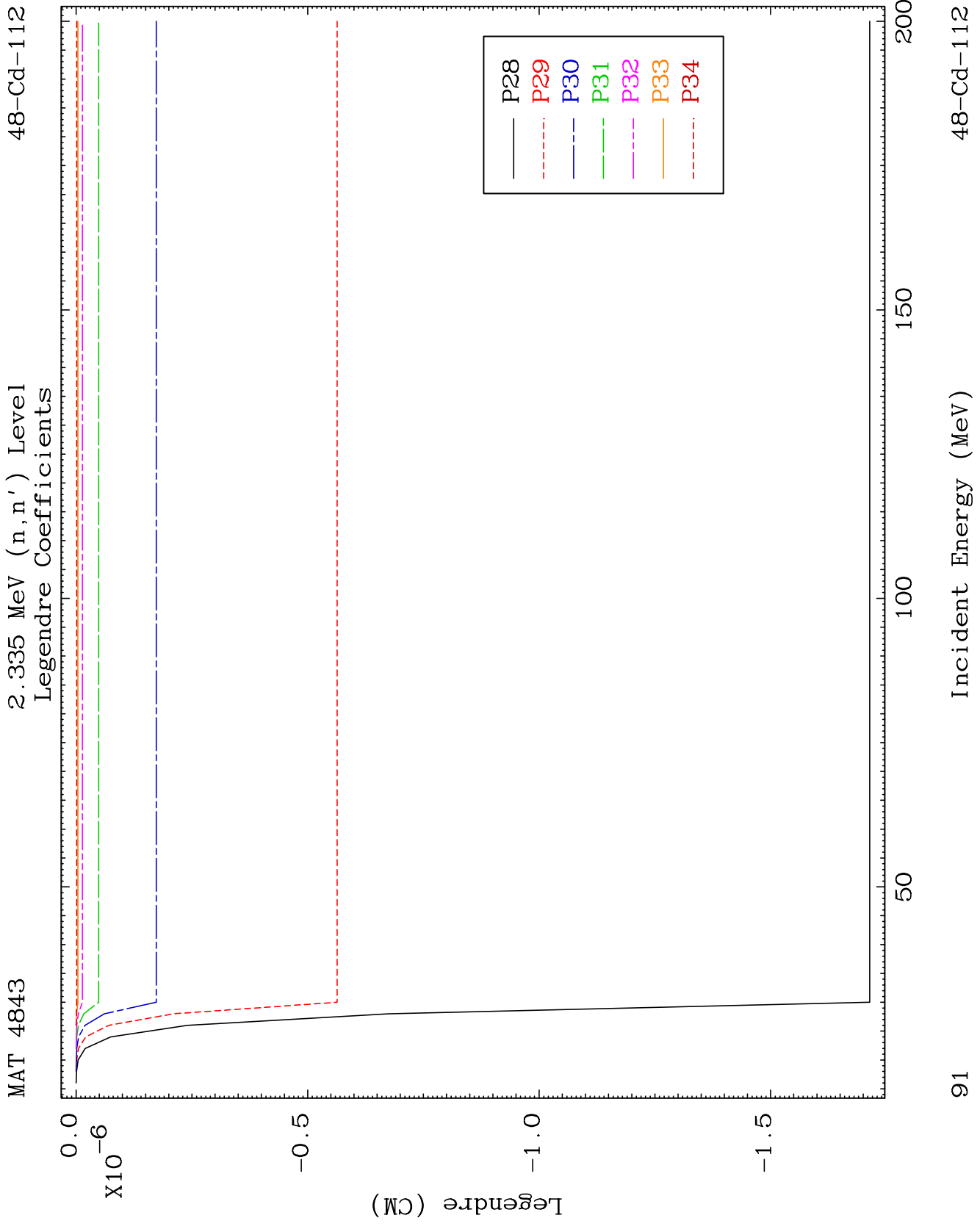
48-Cd-112



89

Incident Energy (MeV)

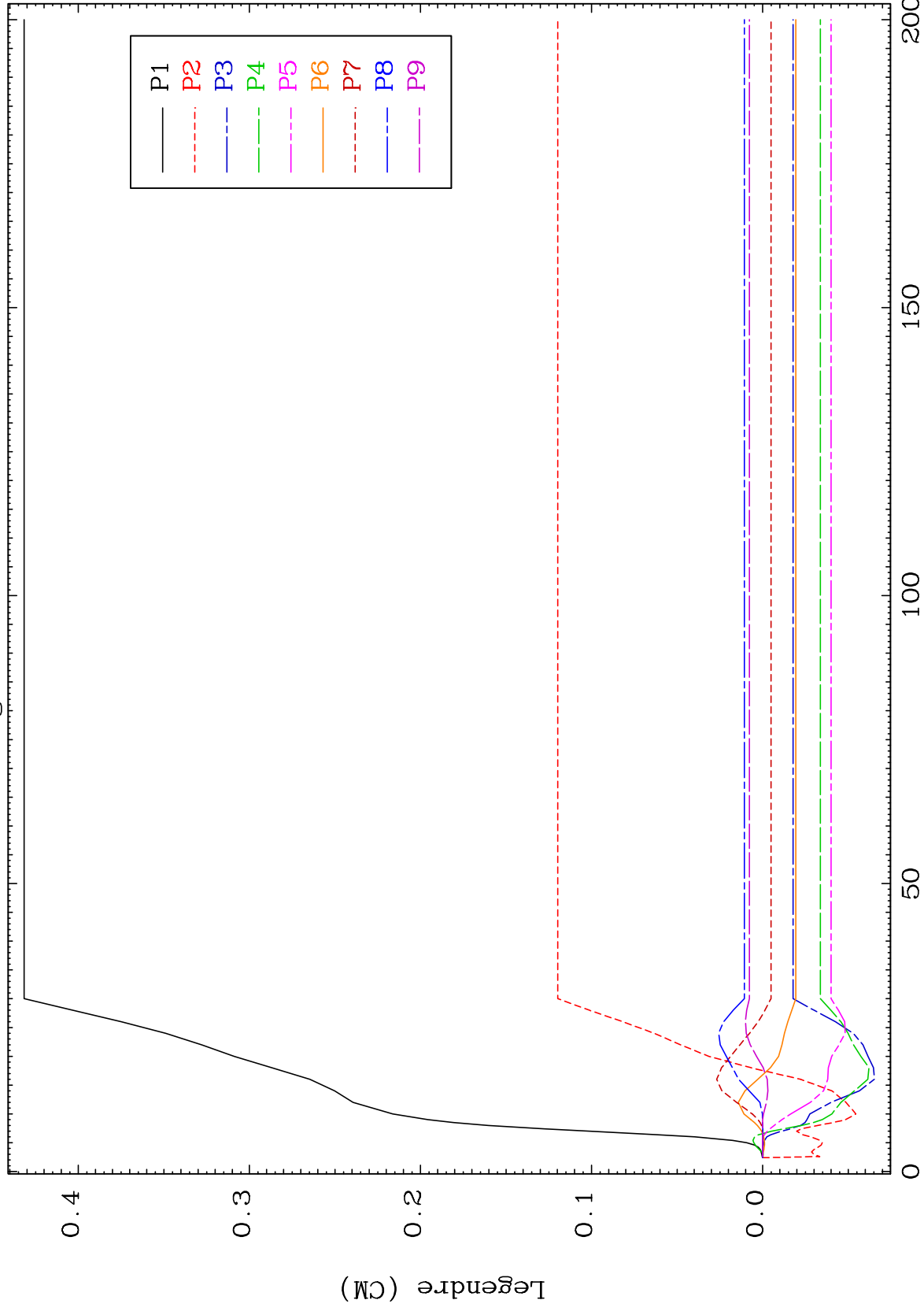
48-Cd-112



MAT 4843

2.373 MeV (n,n') Level
Legendre Coefficients

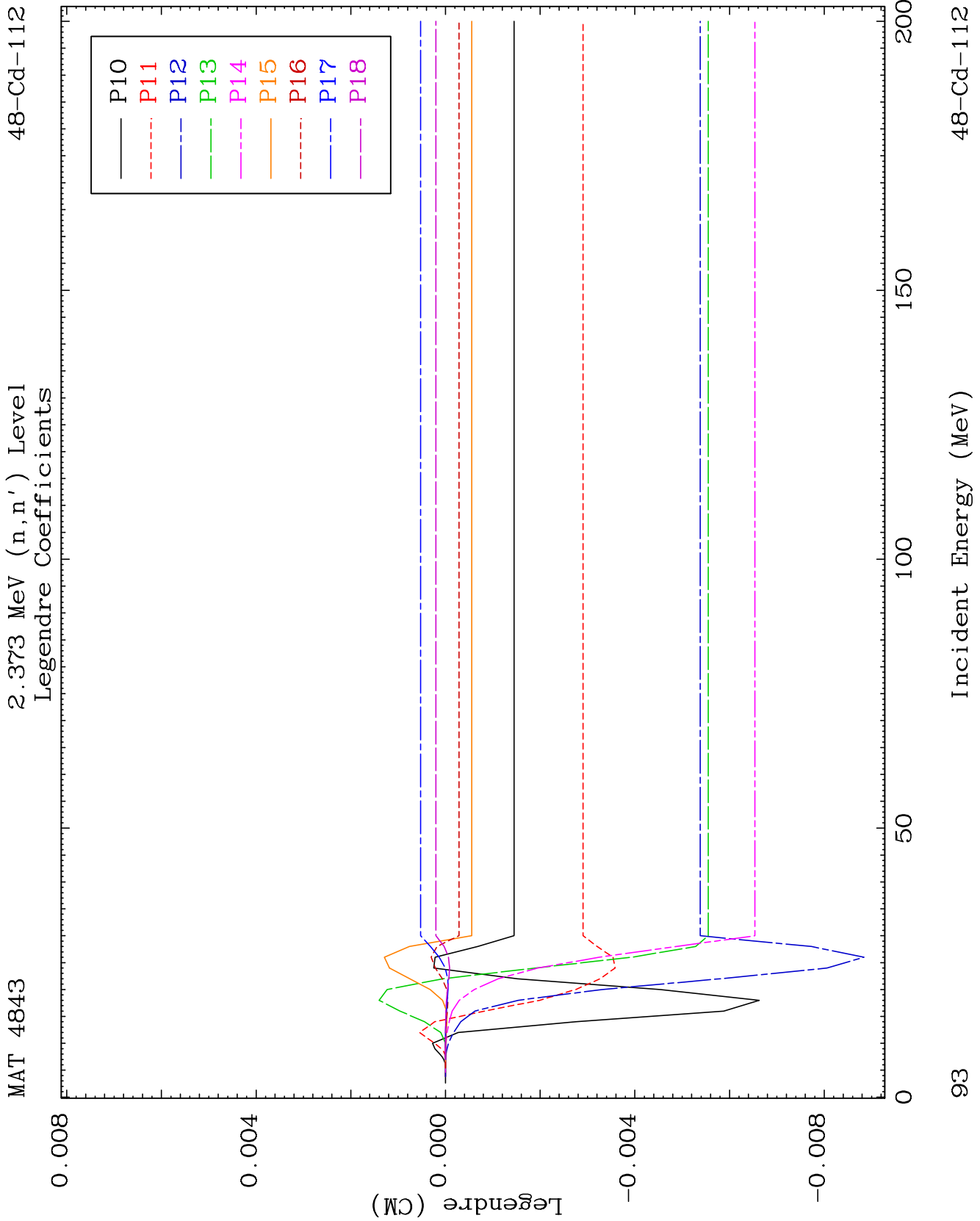
48-Cd-112



92

Incident Energy (MeV)

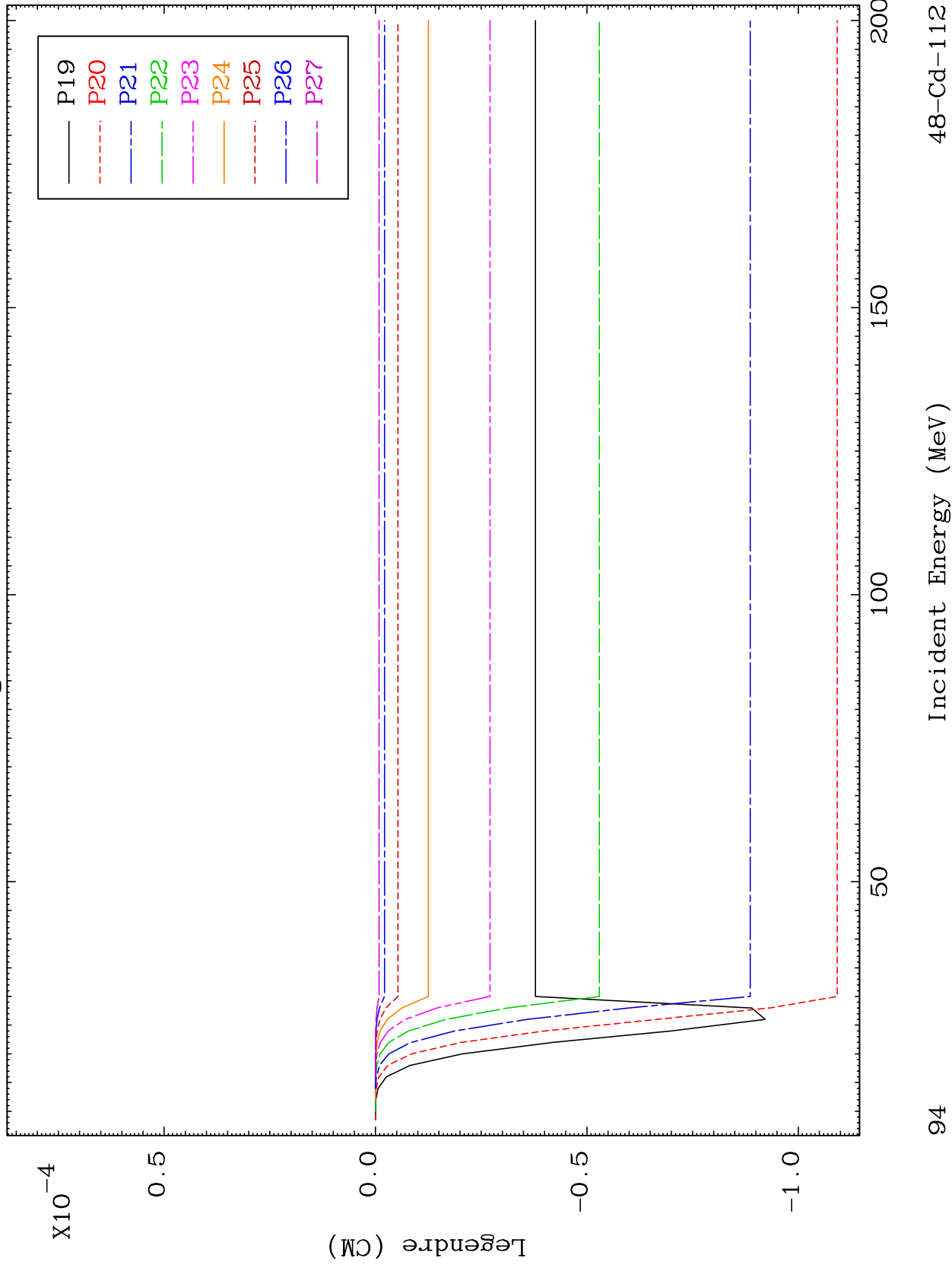
48-Cd-112

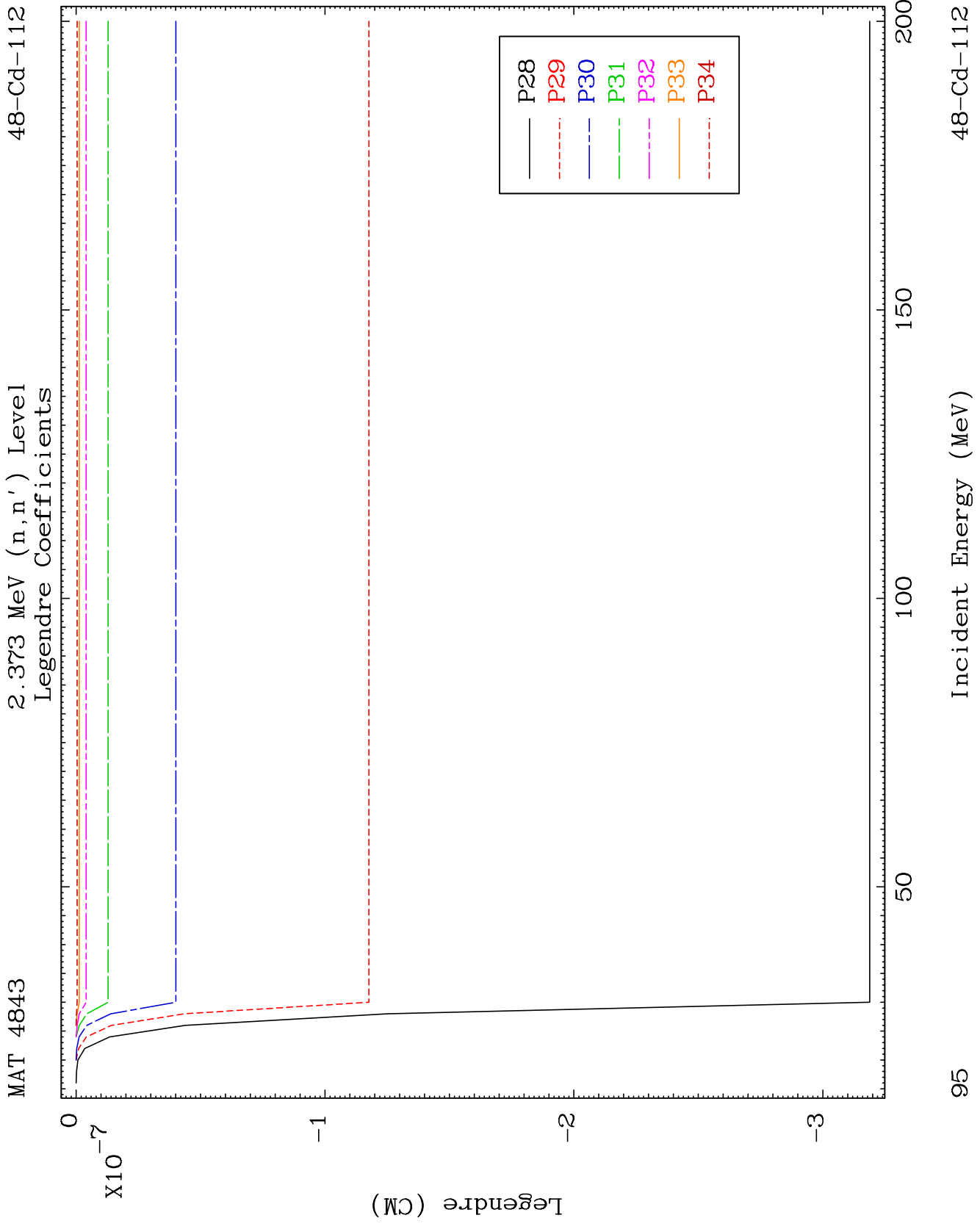


MAT 4843

2.373 MeV (n,n') Level
Legendre Coefficients

48-Cd-112

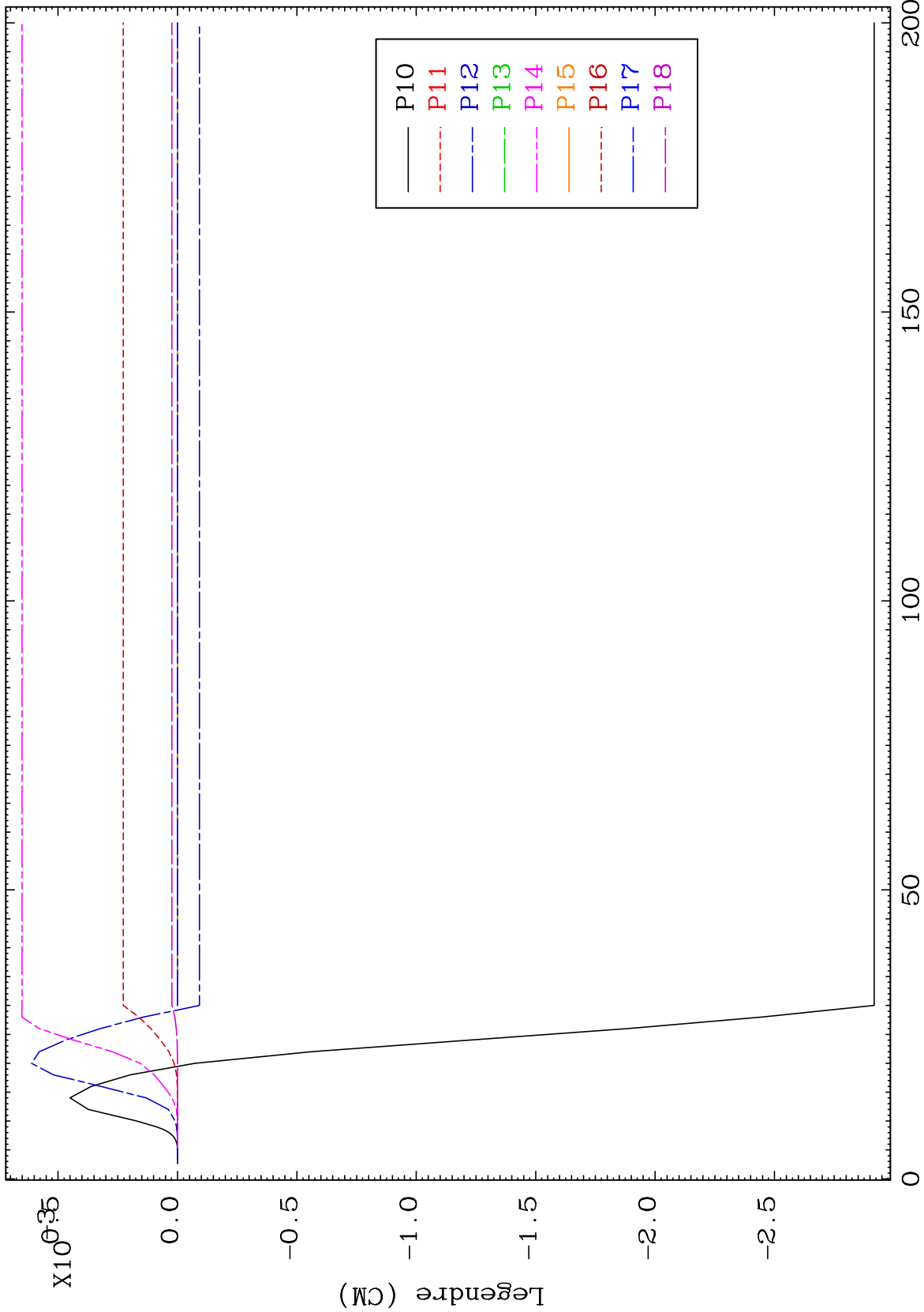


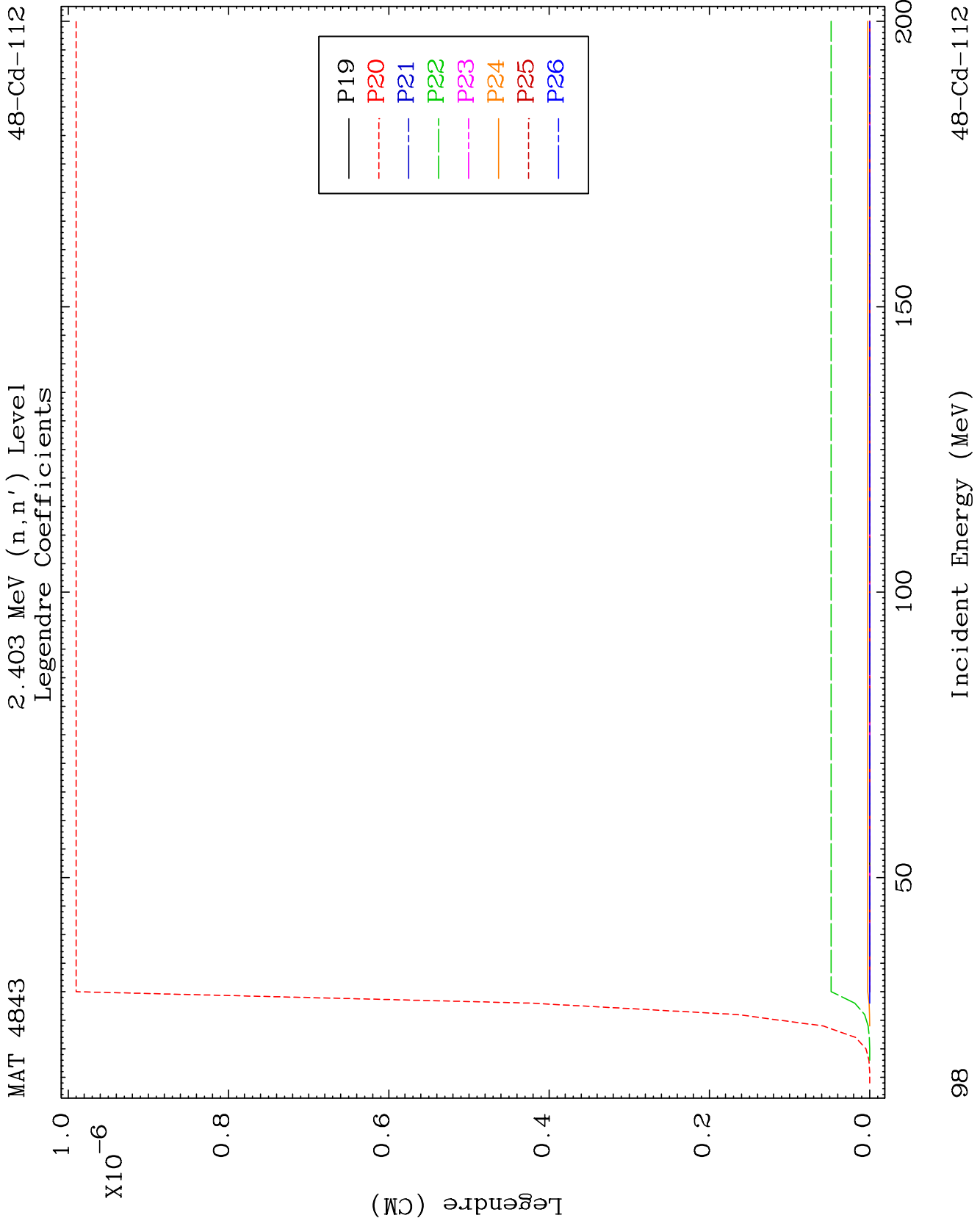


MAT 4843

2.403 MeV (n,n') Level
Legendre Coefficients

48-Cd-112

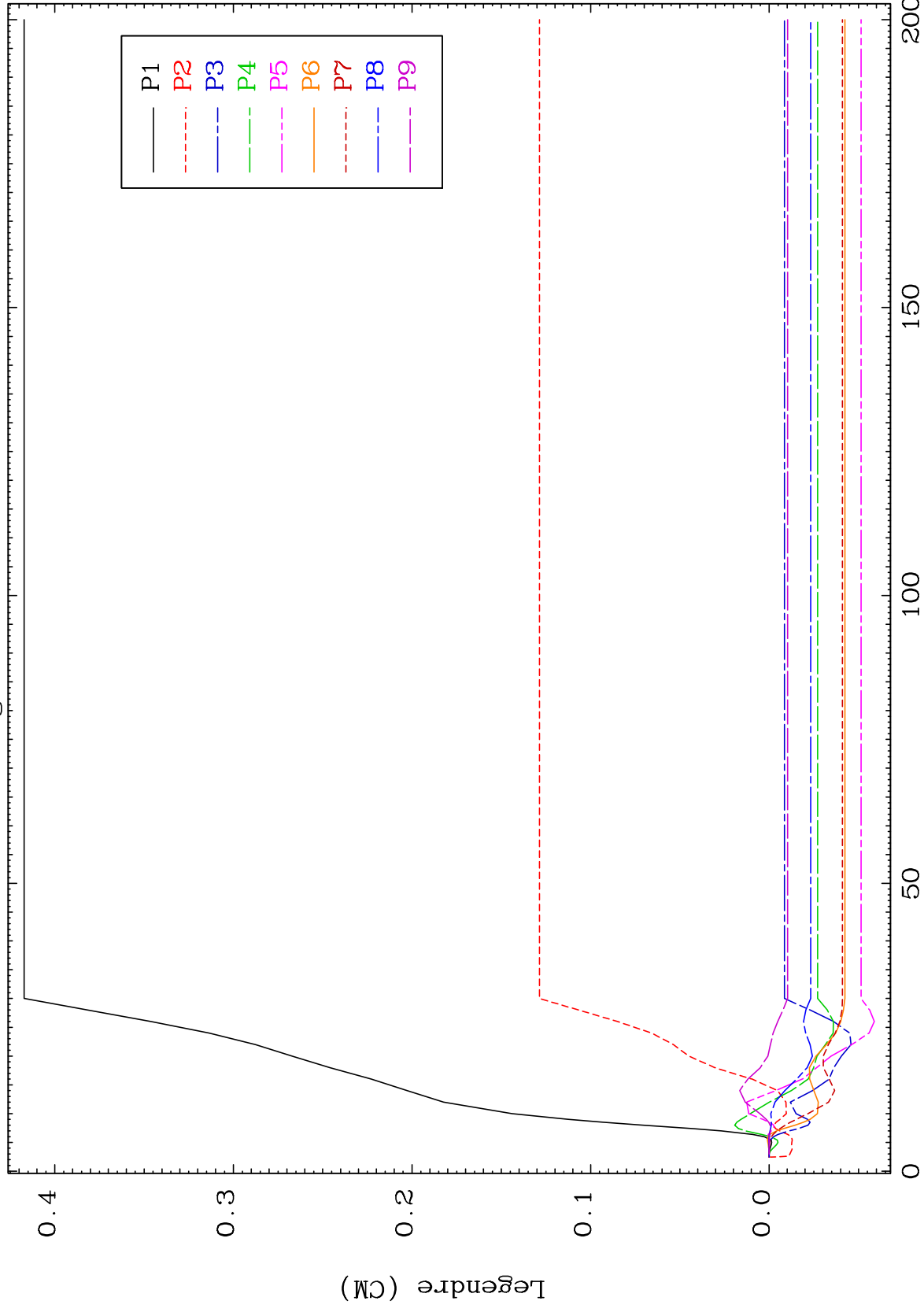




MAT 4843

2.416 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



99

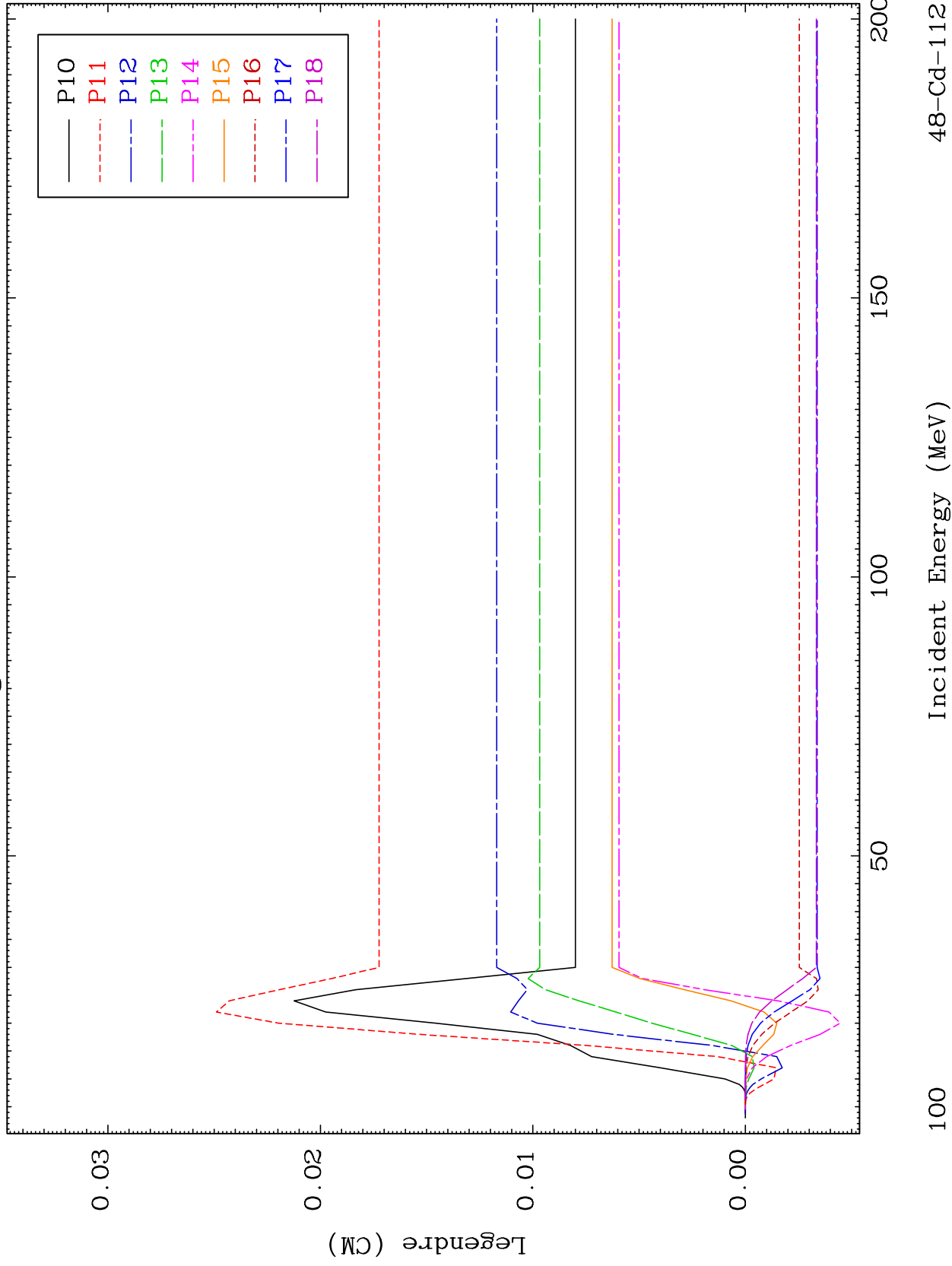
Incident Energy (MeV)

48-Cd-112

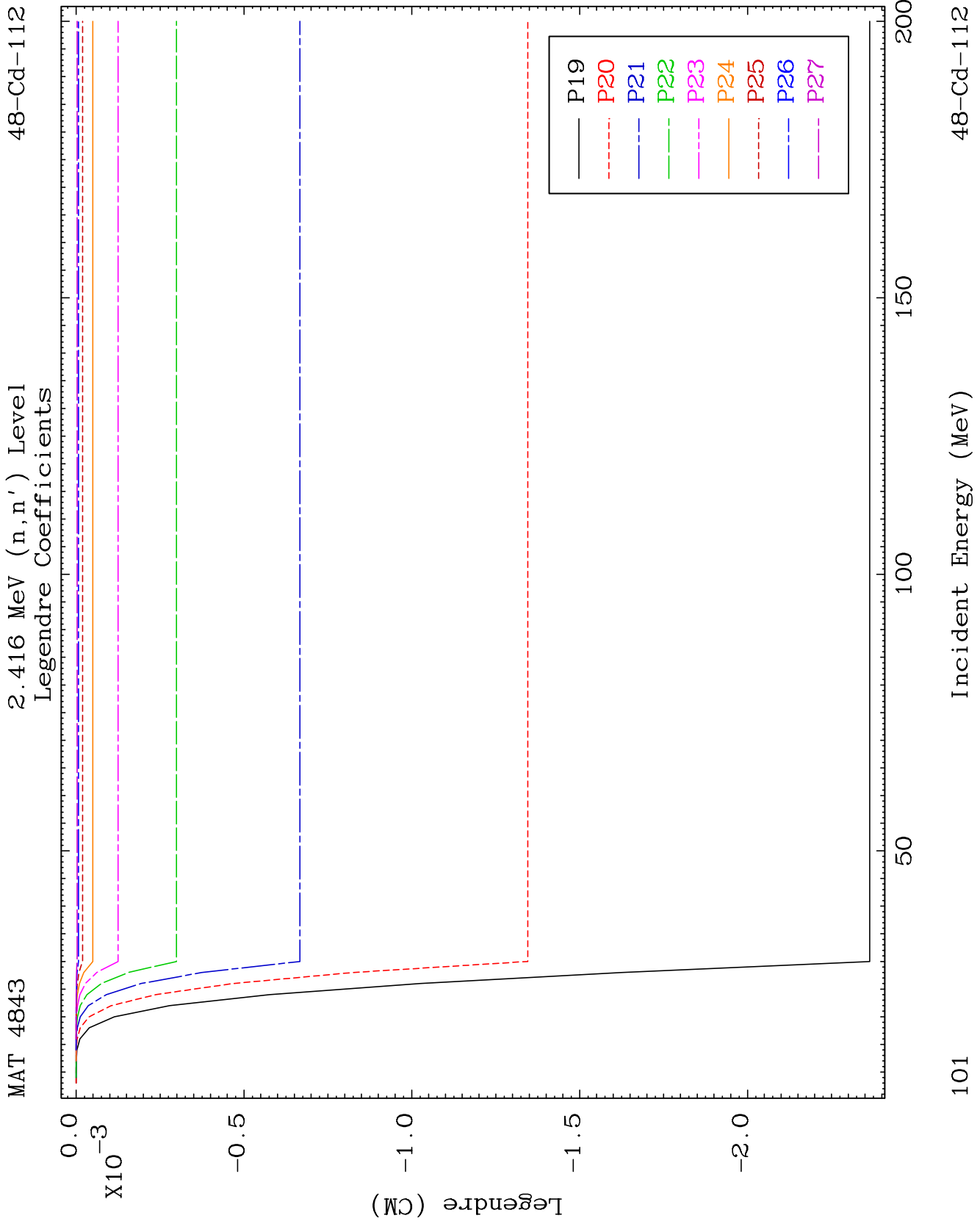
MAT 4843

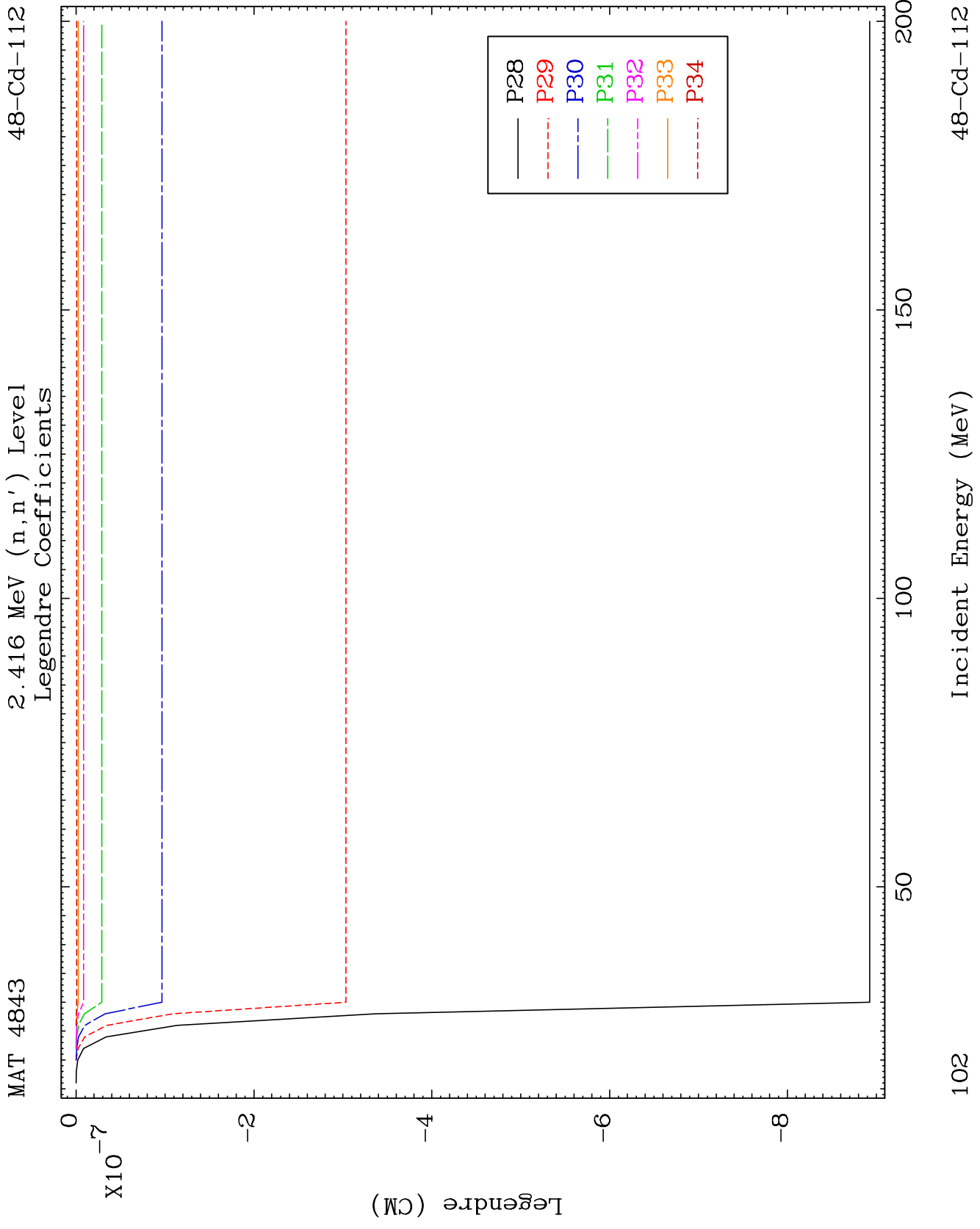
2.416 MeV (n, n') Level
Legendre Coefficients

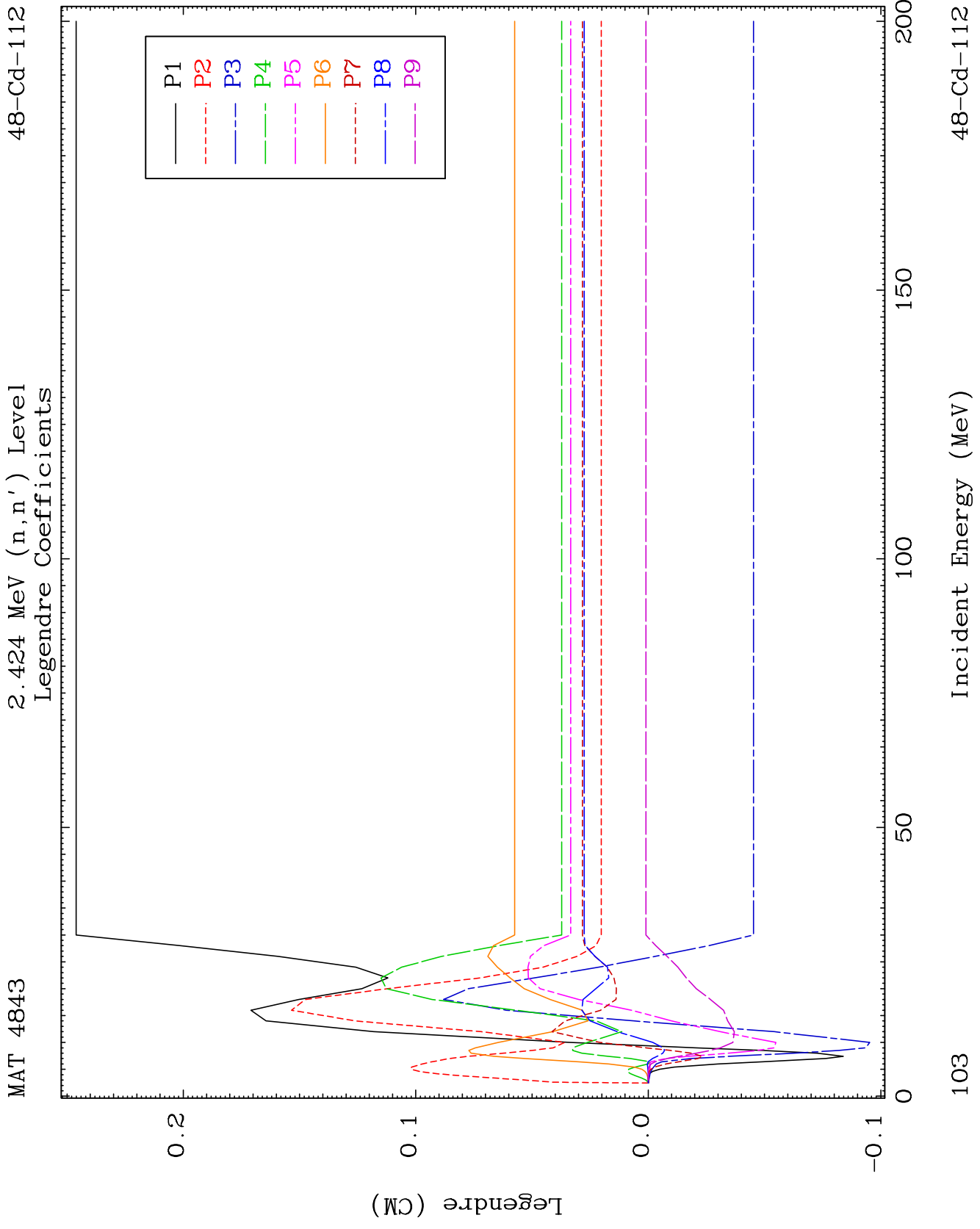
48-Cd-112



48-Cd-112



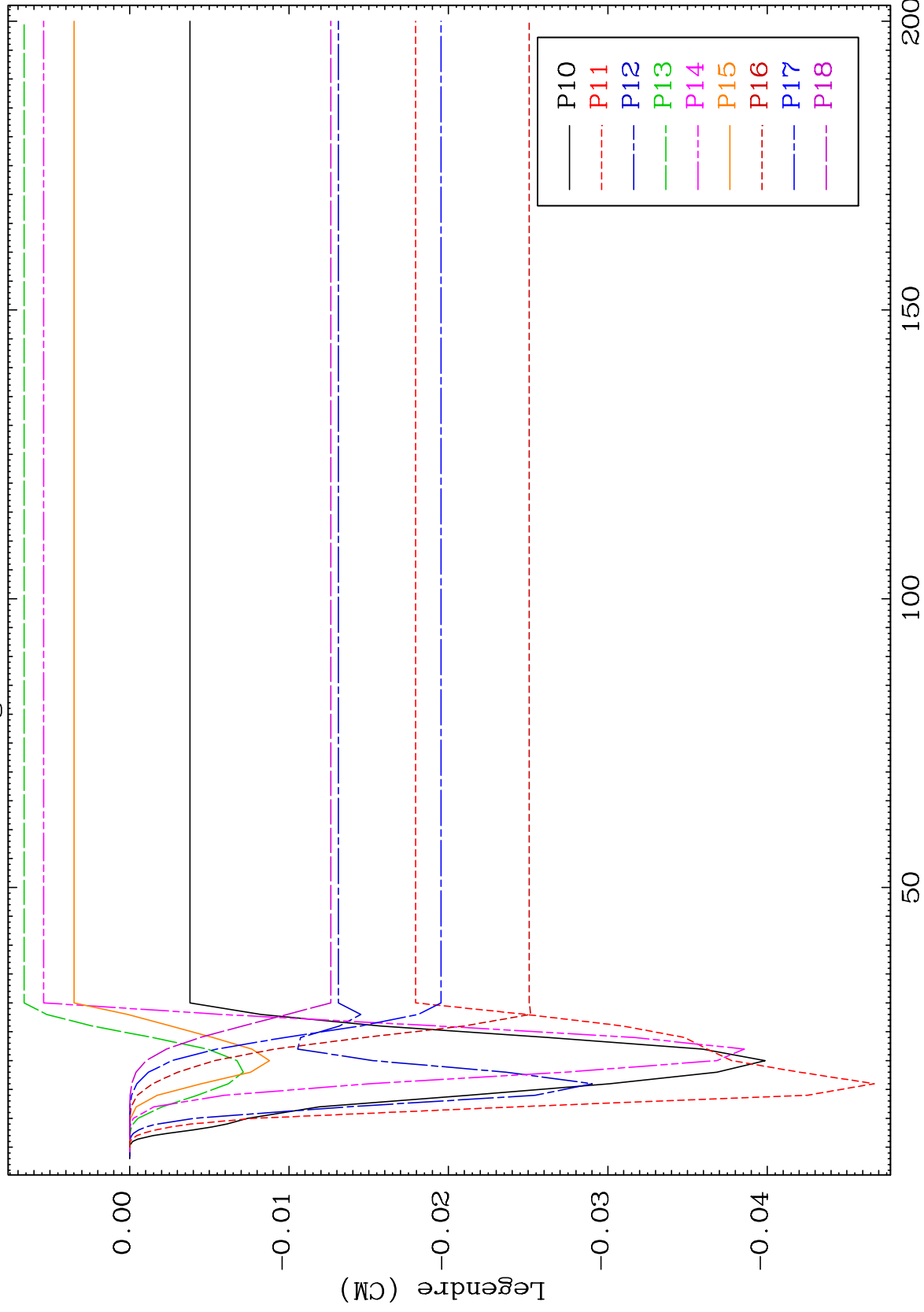




MAT 4843

2.424 MeV (n,n') Level
Legendre Coefficients

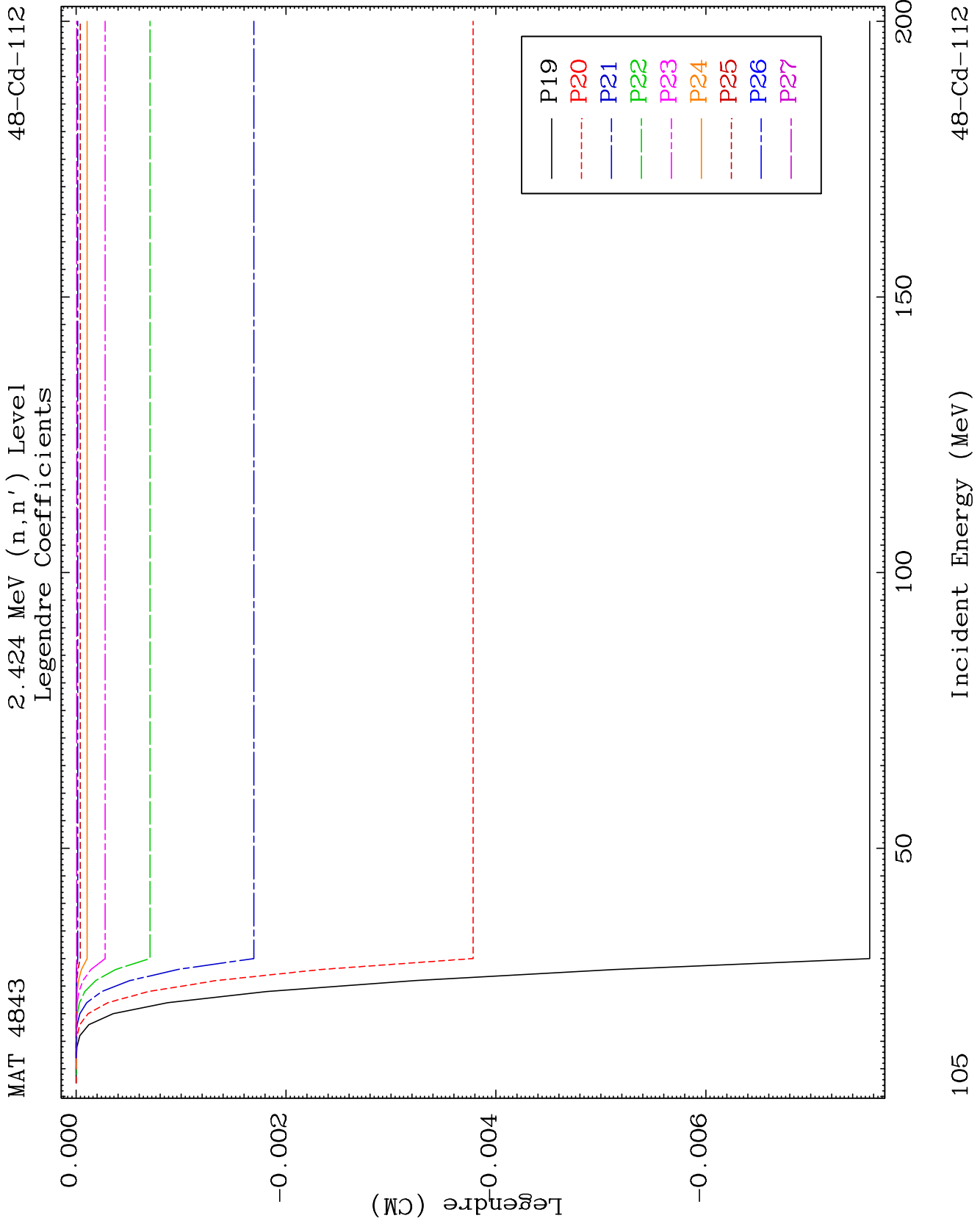
48-Cd-112

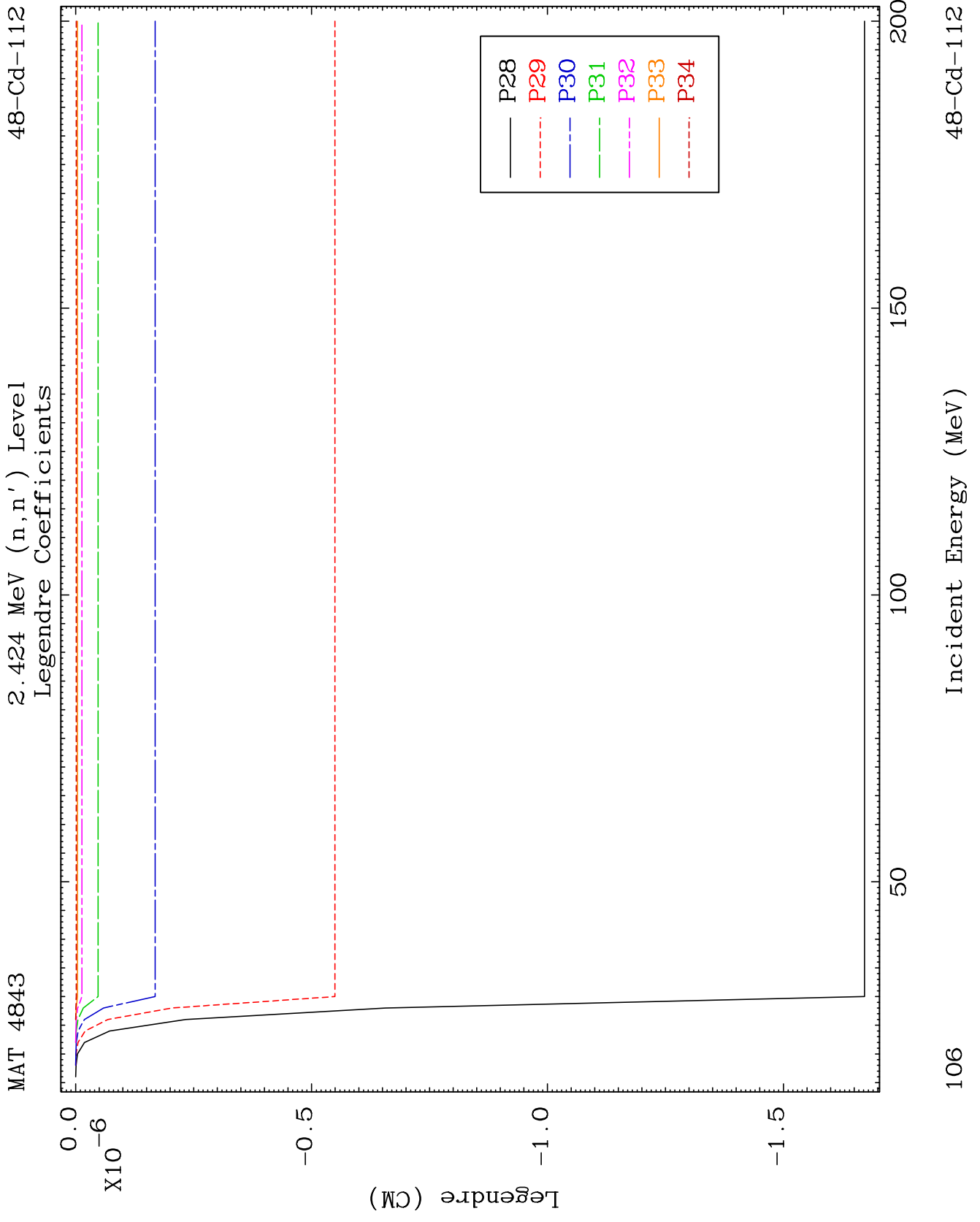


104

Incident Energy (MeV)

48-Cd-112

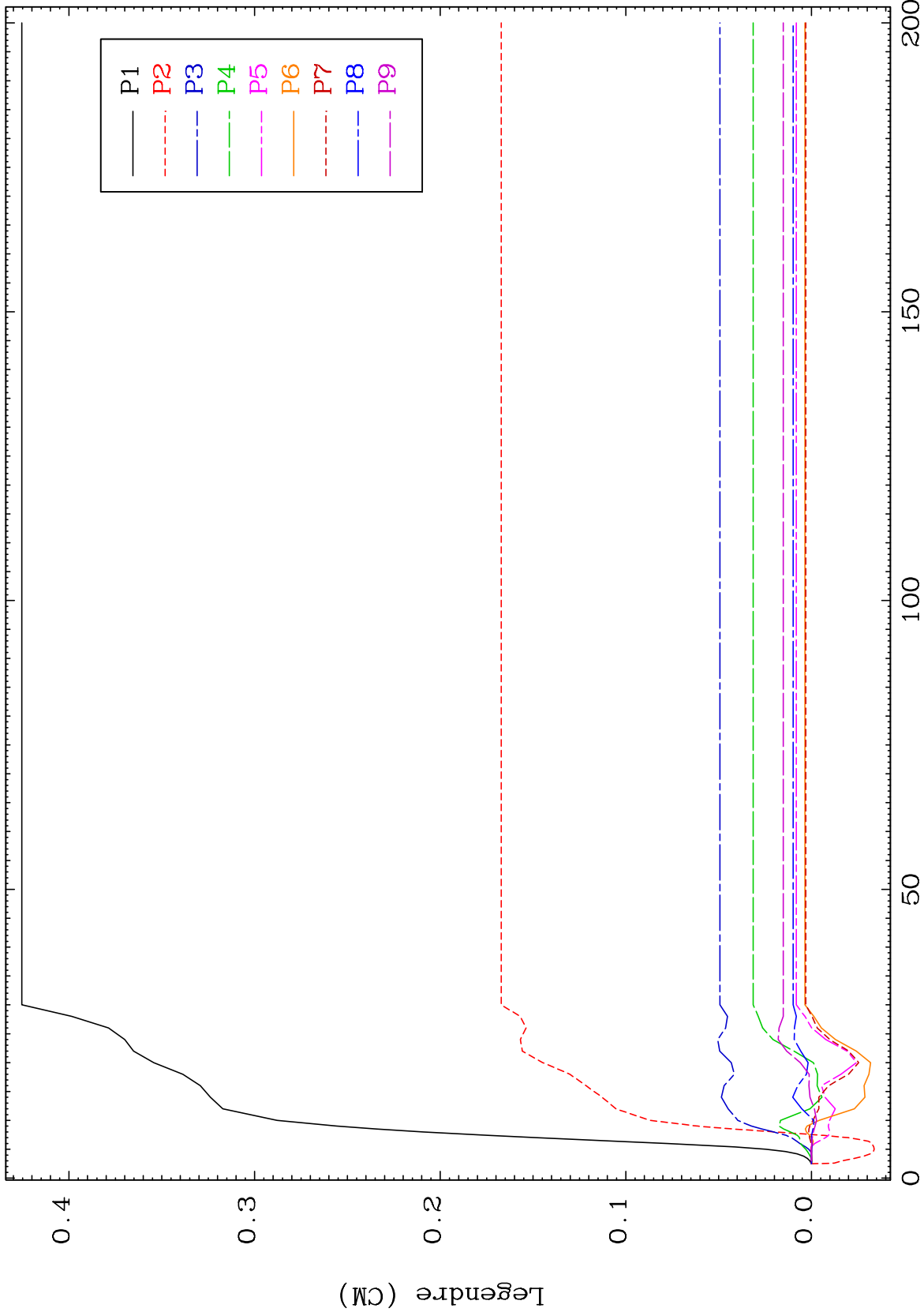




MAT 4843

2.454 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



107

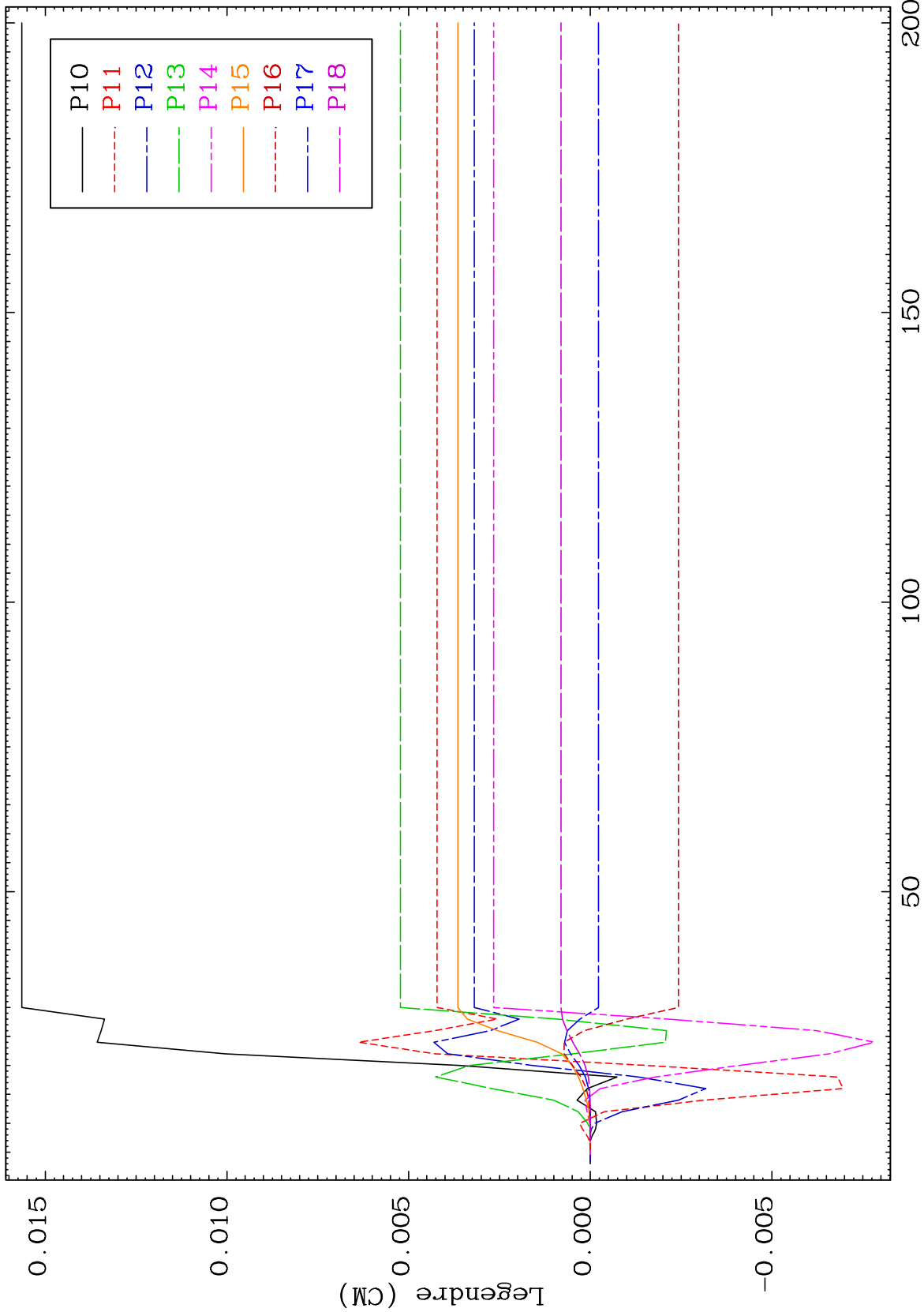
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.454 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



108

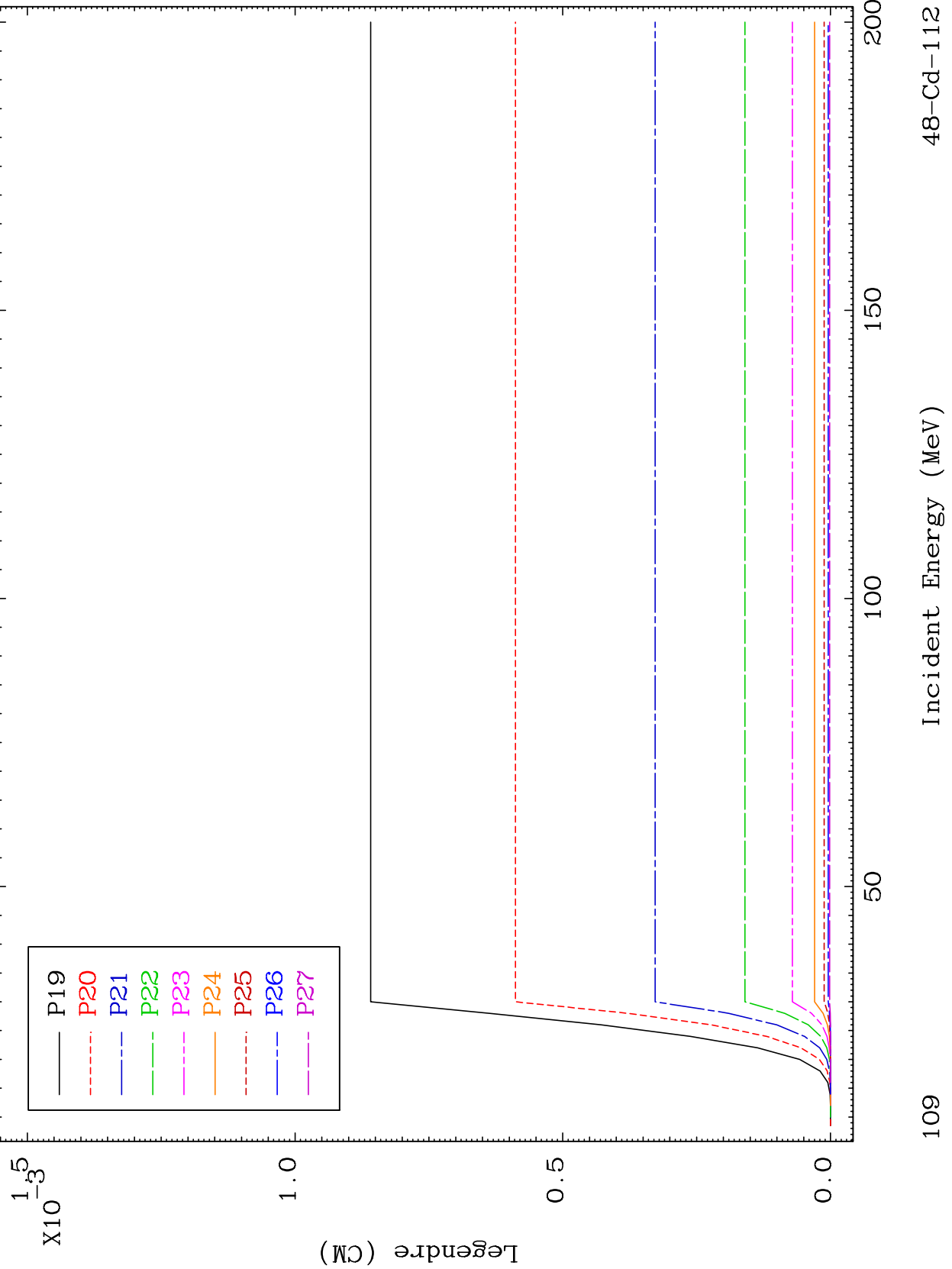
Incident Energy (MeV)

48-Cd-112

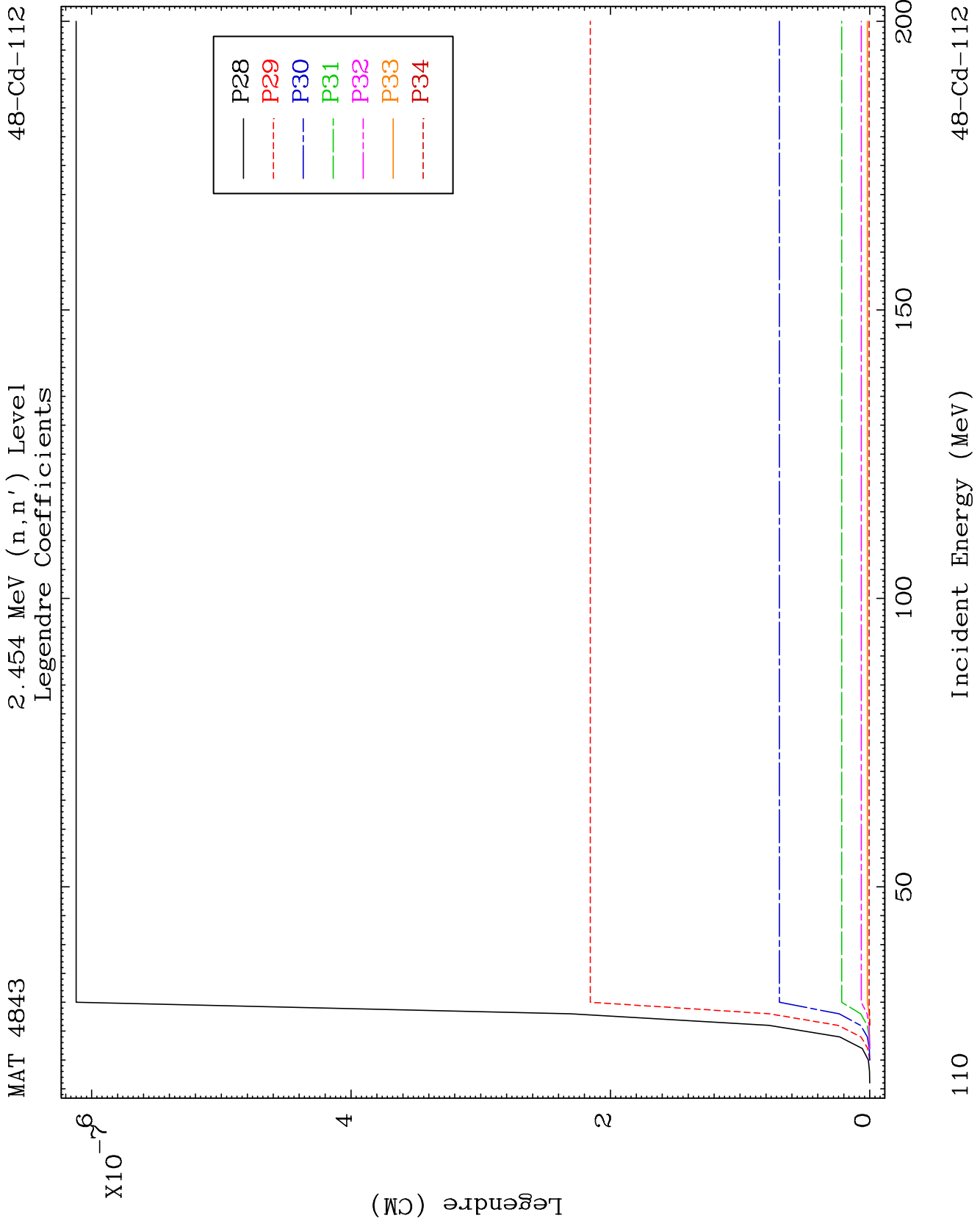
MAT 4843

2.454 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



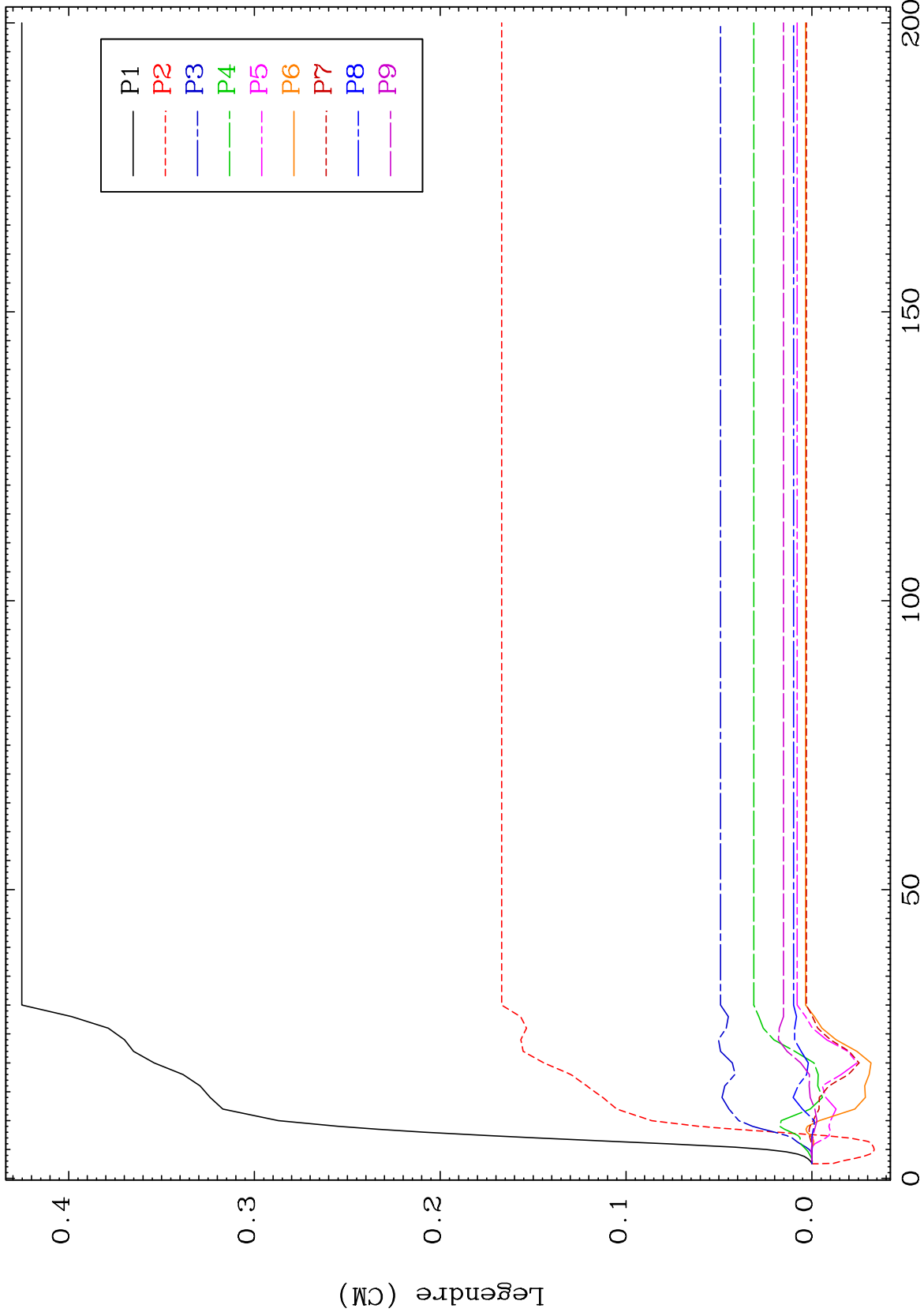
109



MAT 4843

2.493 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



111

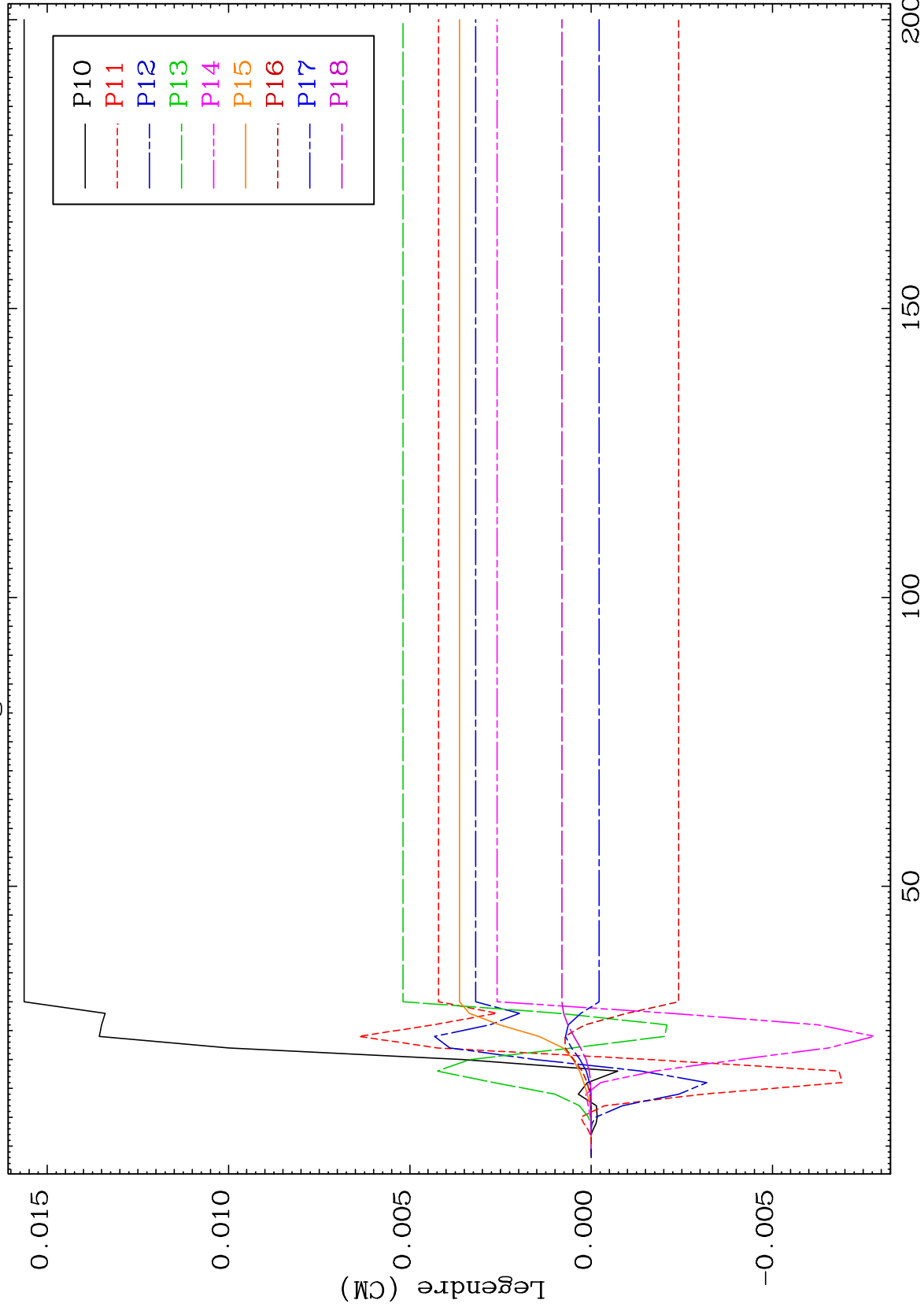
Incident Energy (MeV)

48-Cd-112

MAT 4843

2.493 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



112

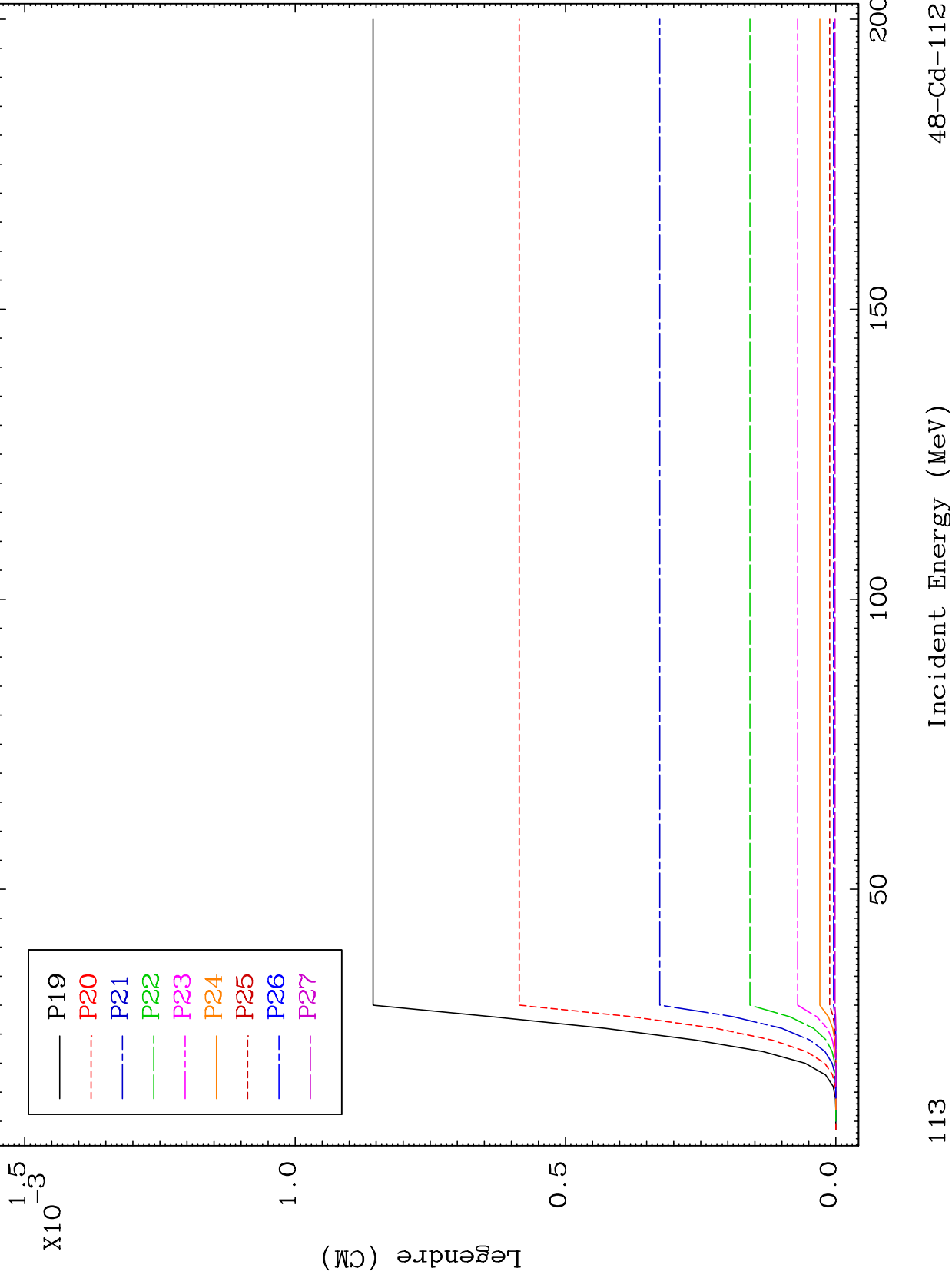
Incident Energy (MeV)

48-Cd-112

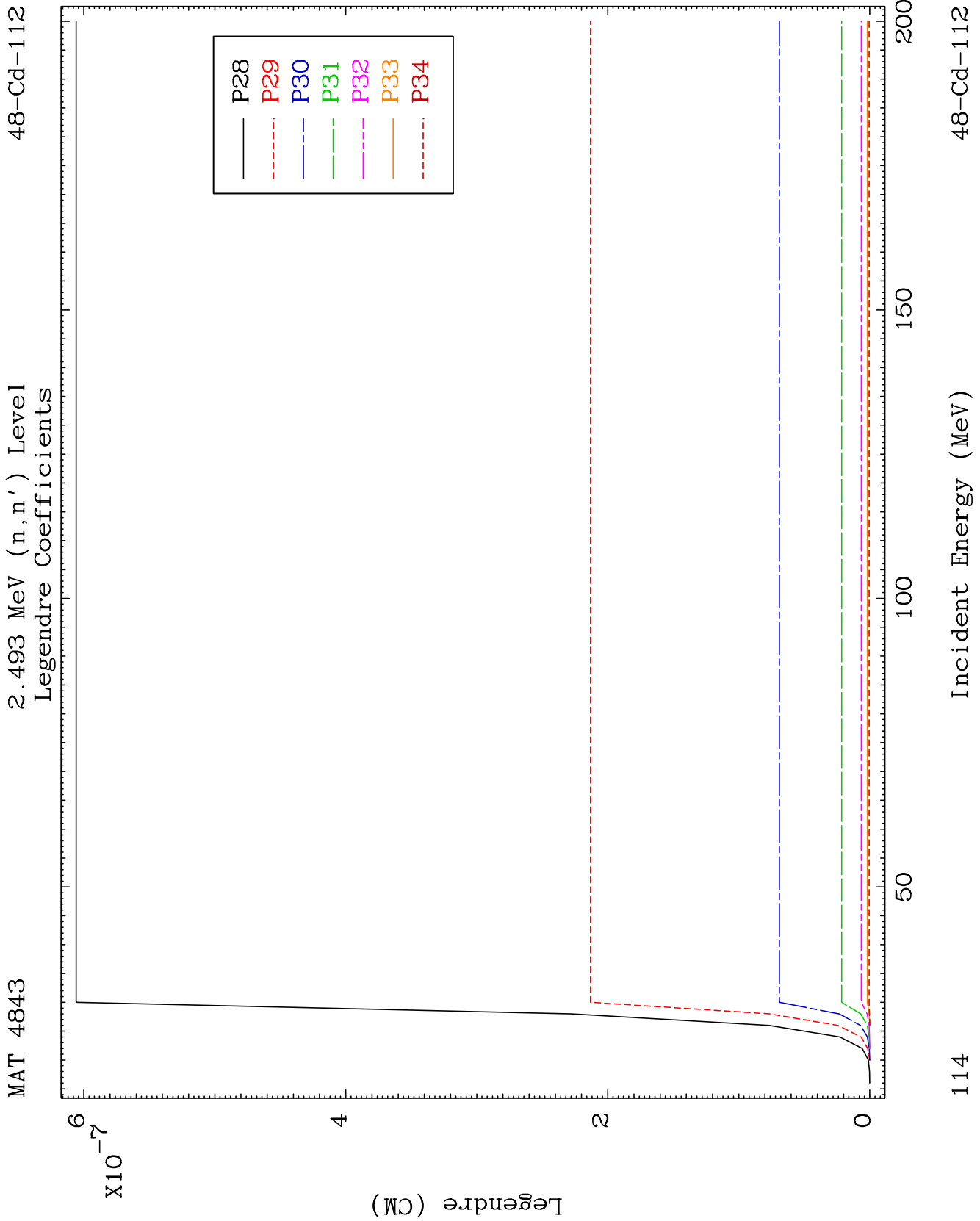
MAT 4843

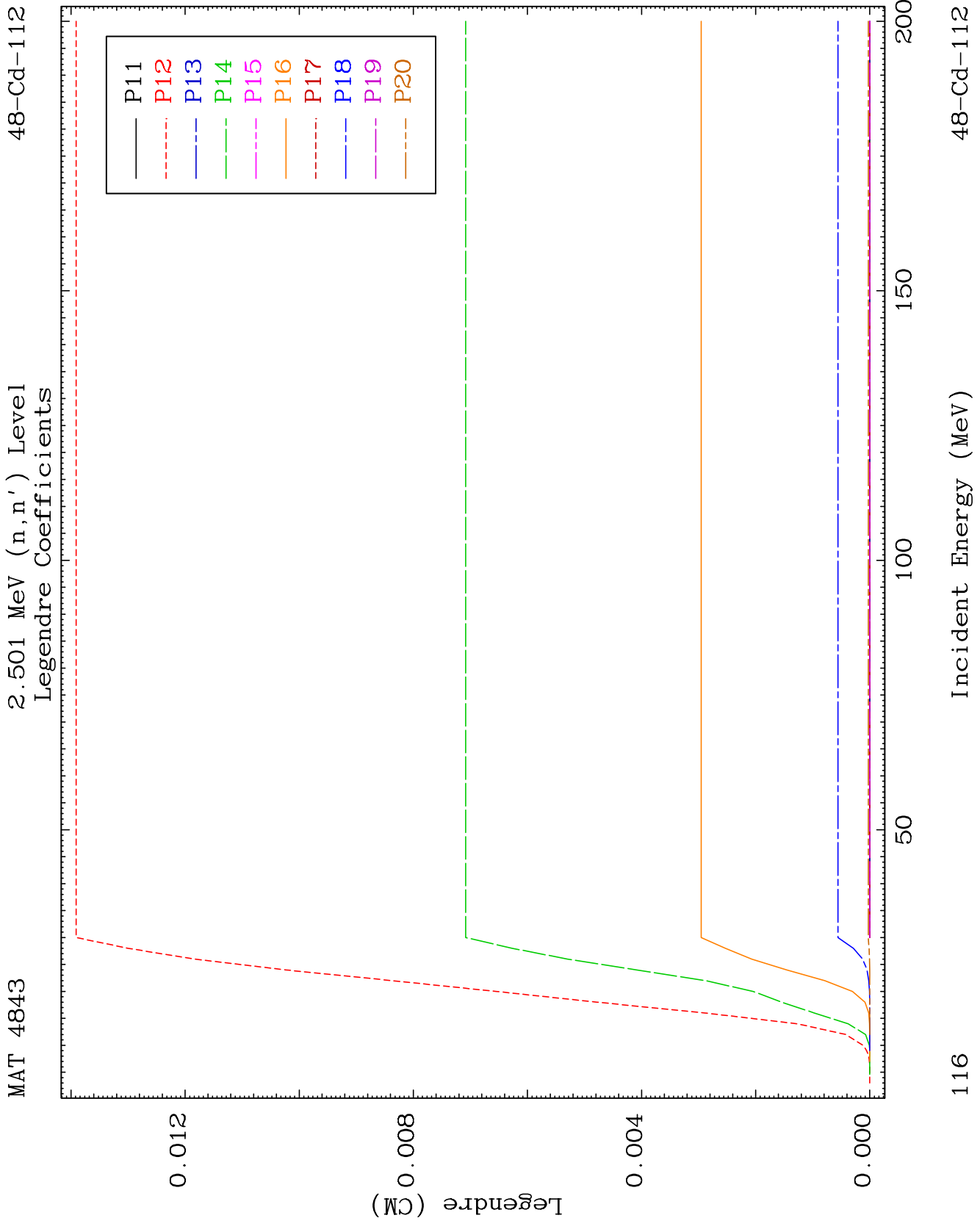
2.493 MeV (n,n') Level
Legendre Coefficients

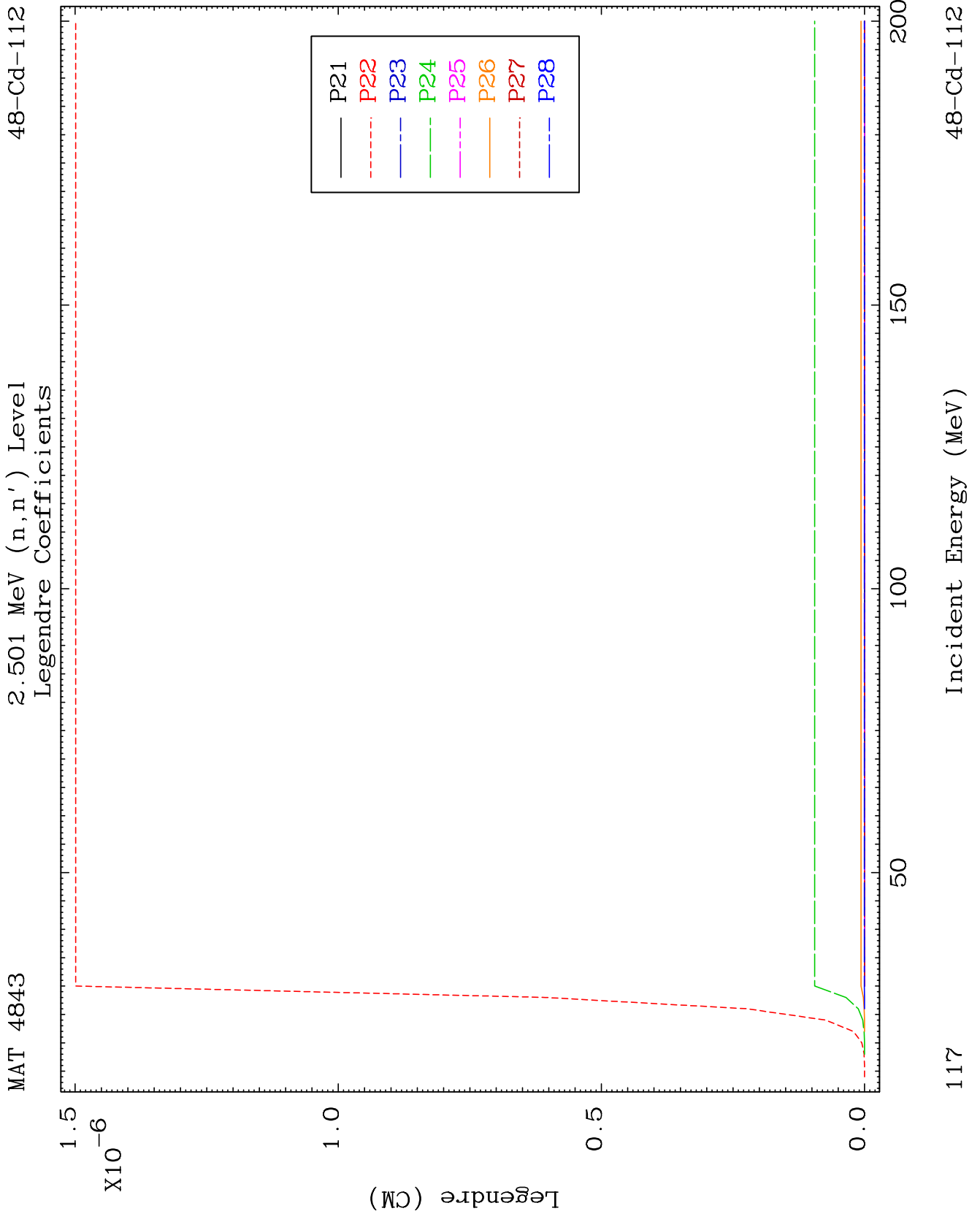
48-Cd-112



113



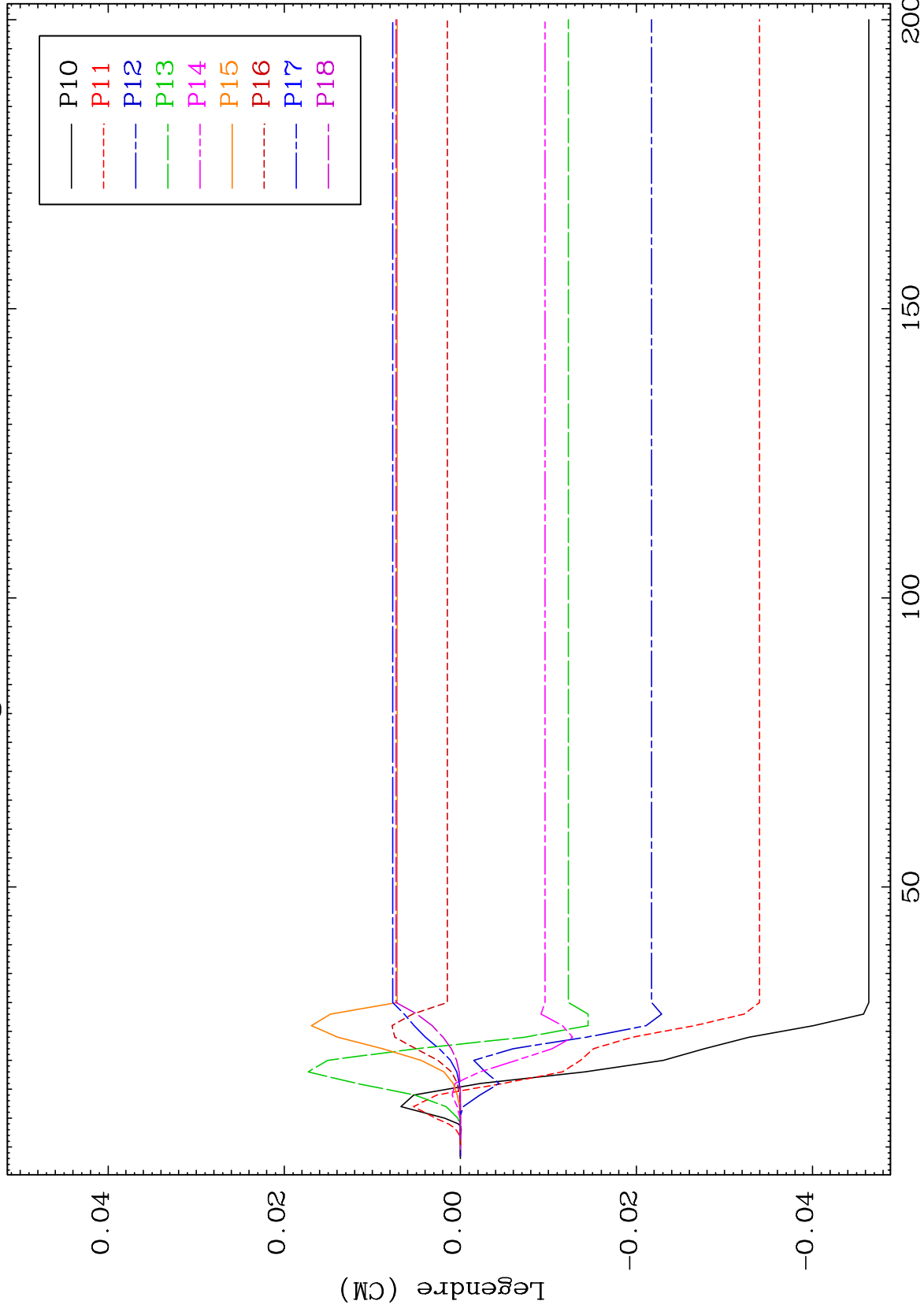




MAT 4843

2.507 MeV (n, n') Level
Legendre Coefficients

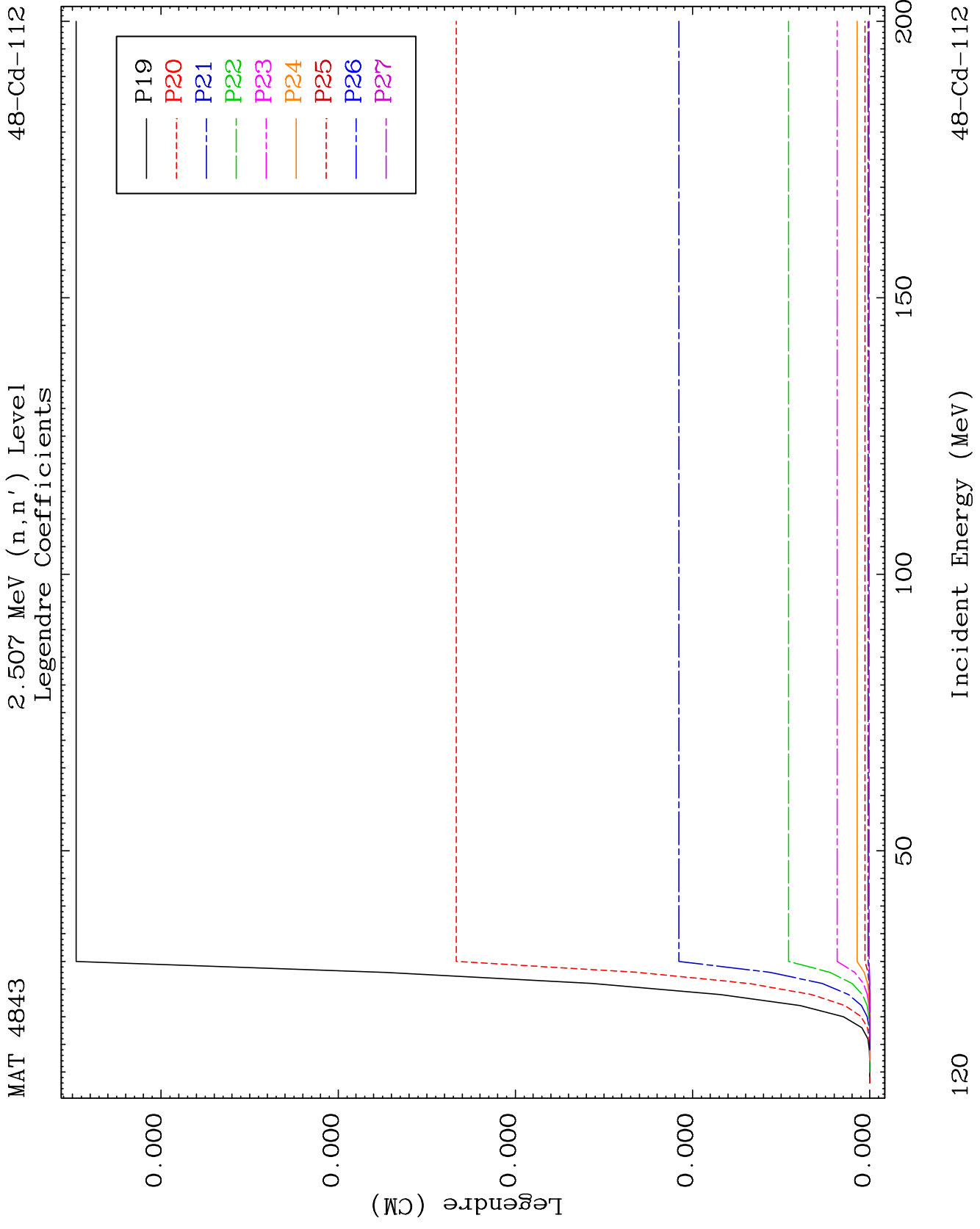
48-Cd-112



119

Incident Energy (MeV)

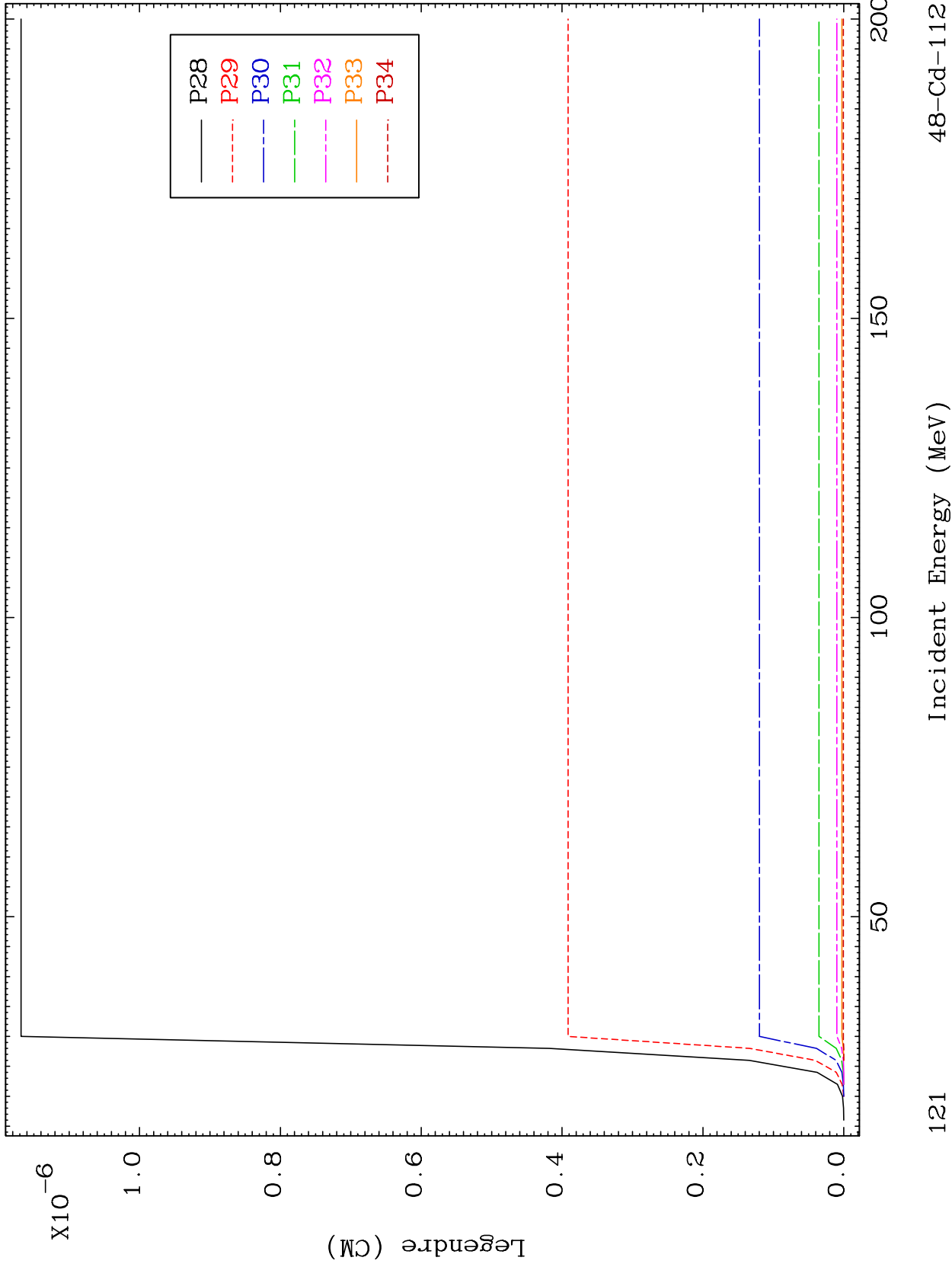
48-Cd-112



MAT 4843

2.507 MeV (n, n') Level
Legendre Coefficients

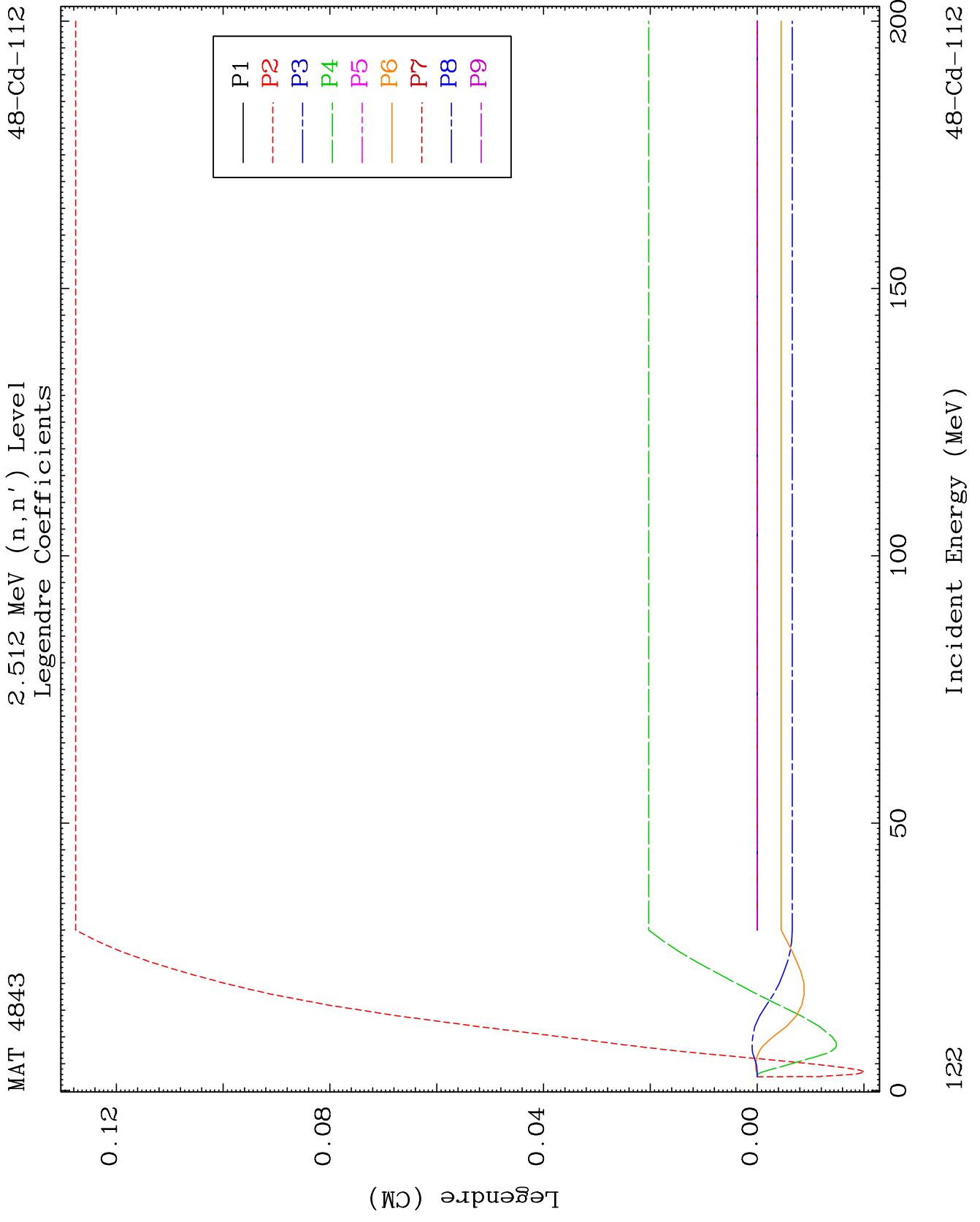
48-Cd-112



121

Incident Energy (MeV)

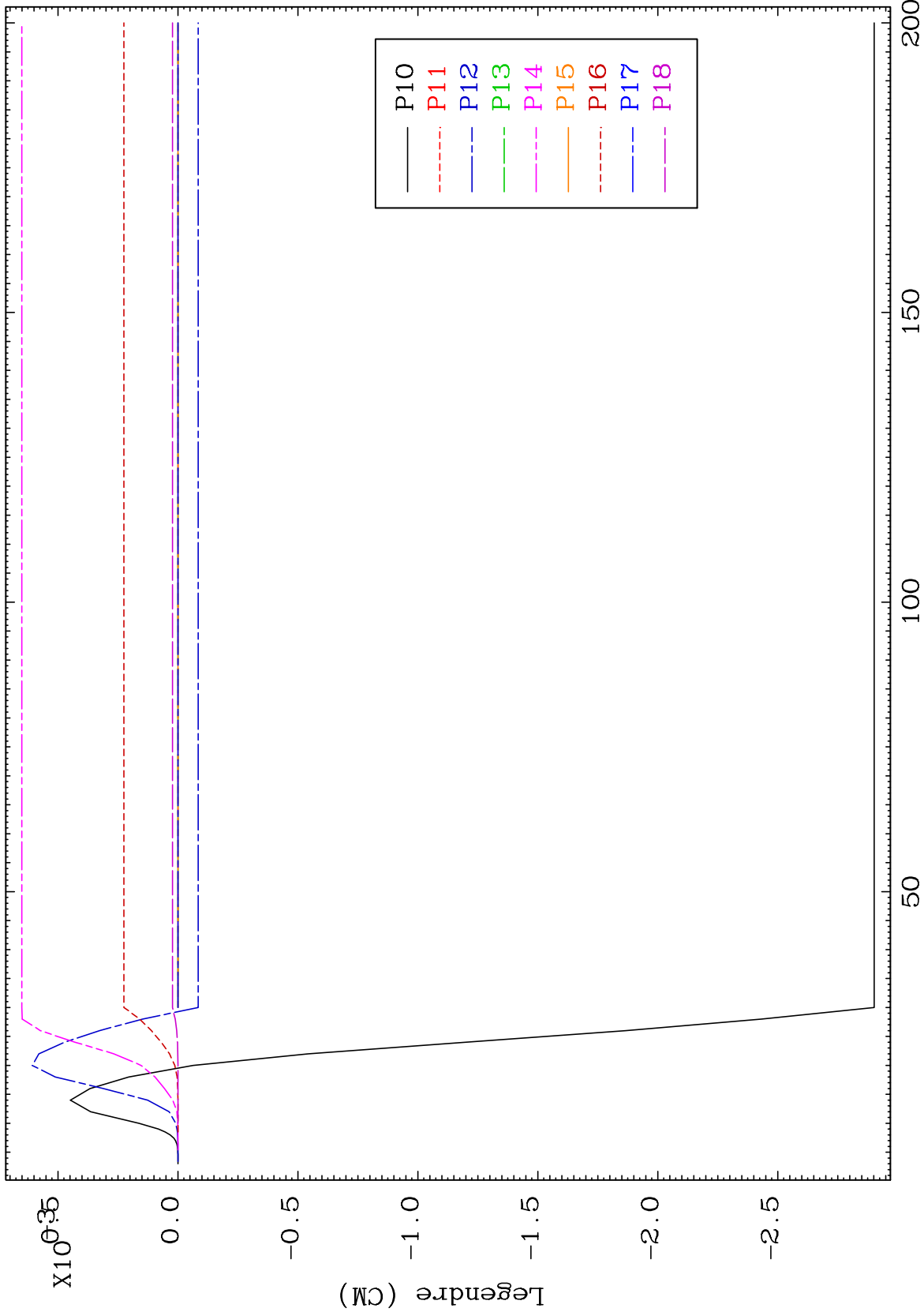
48-Cd-112



MAT 4843

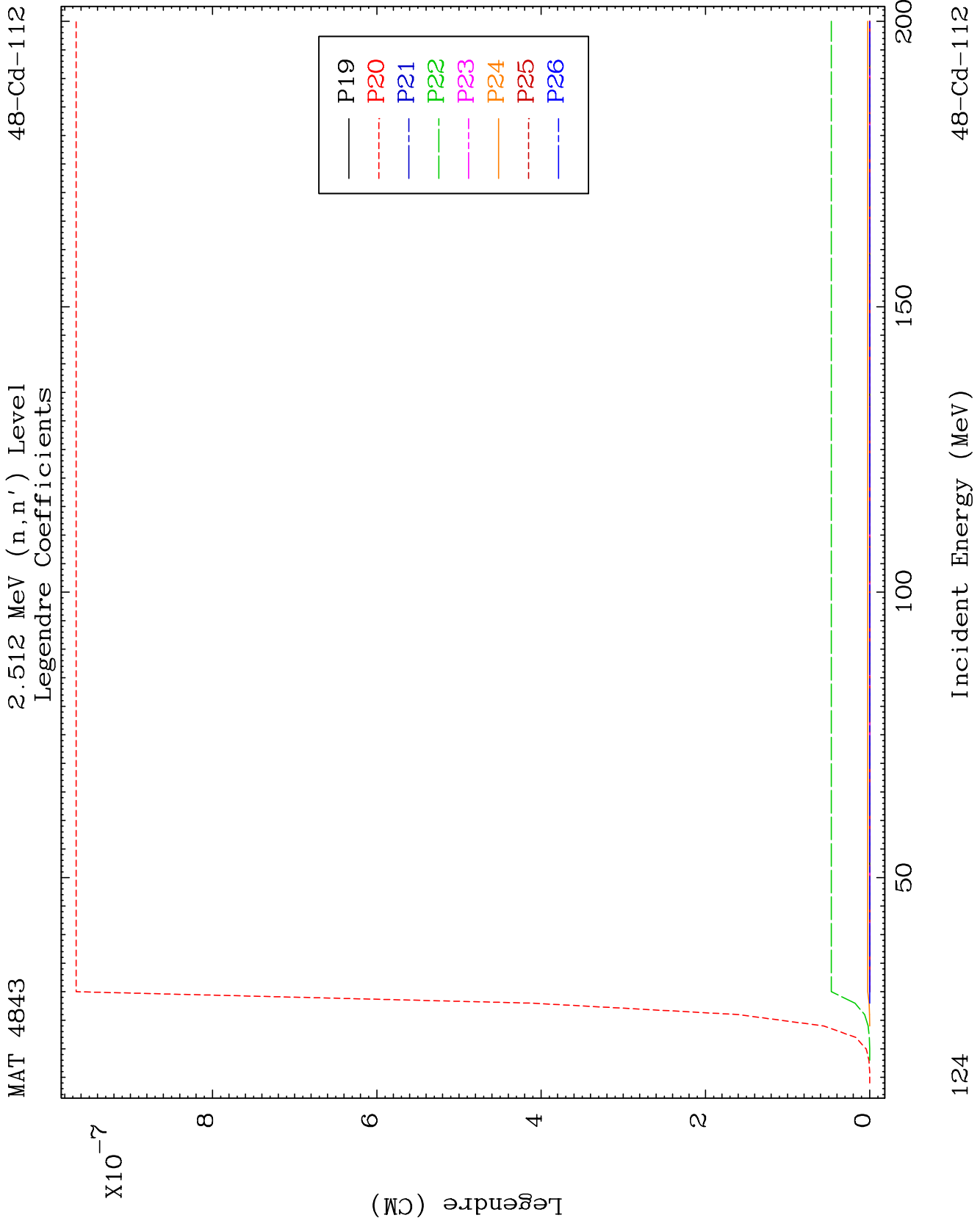
2.512 MeV (n,n') Level
Legendre Coefficients

48-Cd-112



123

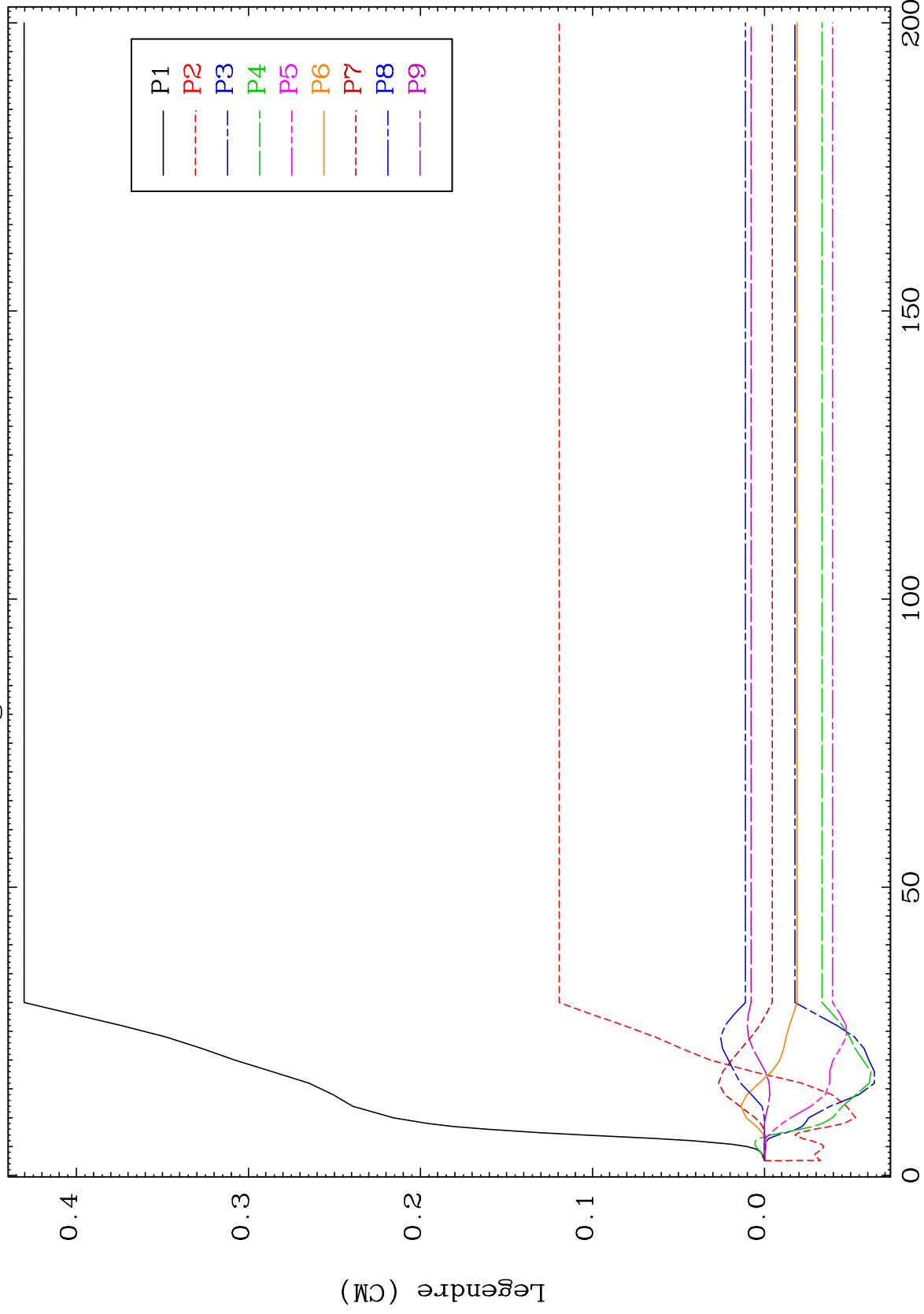
48-Cd-112



MAT 4843

2.517 MeV (n,n') Level
Legendre Coefficients

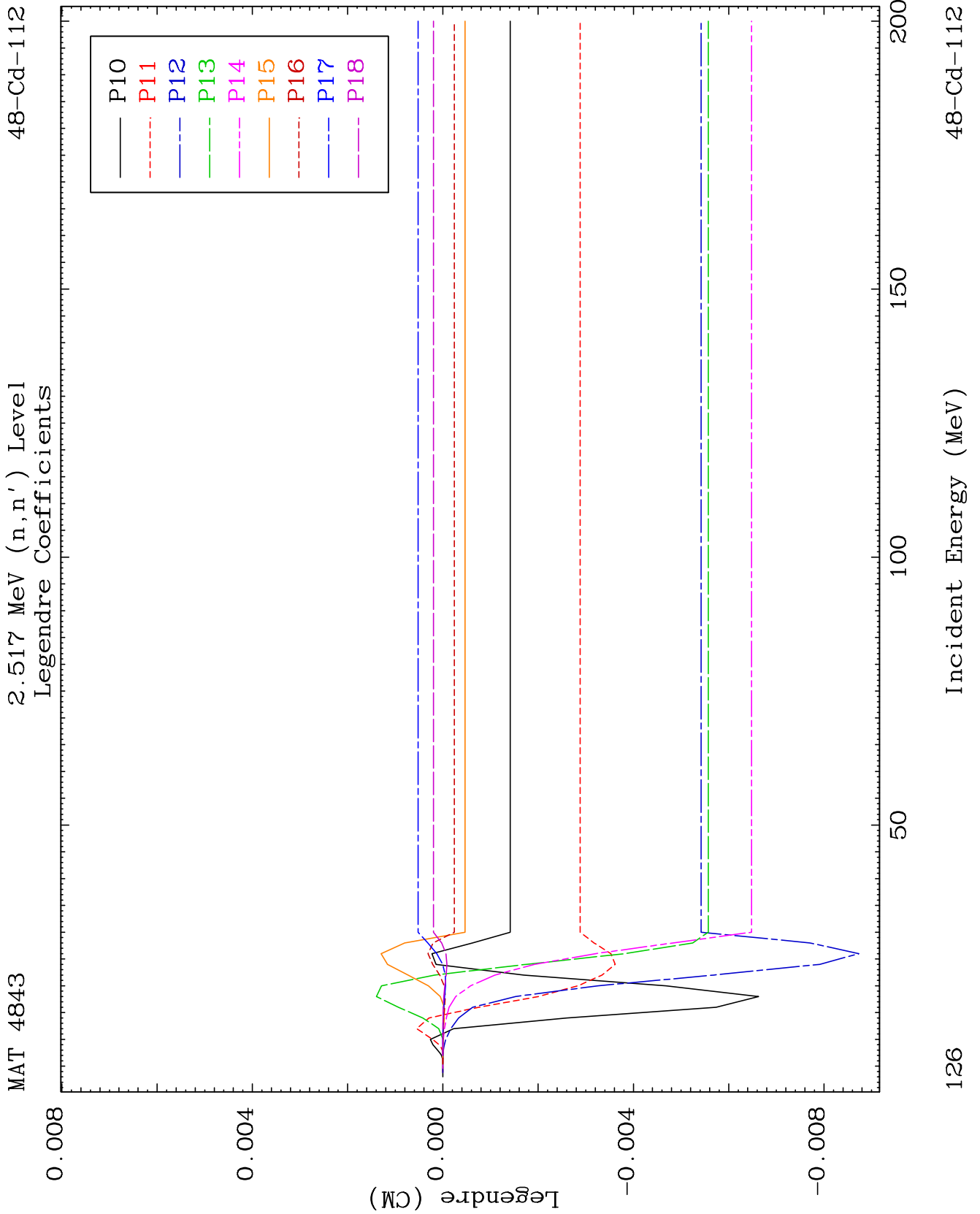
48-Cd-112

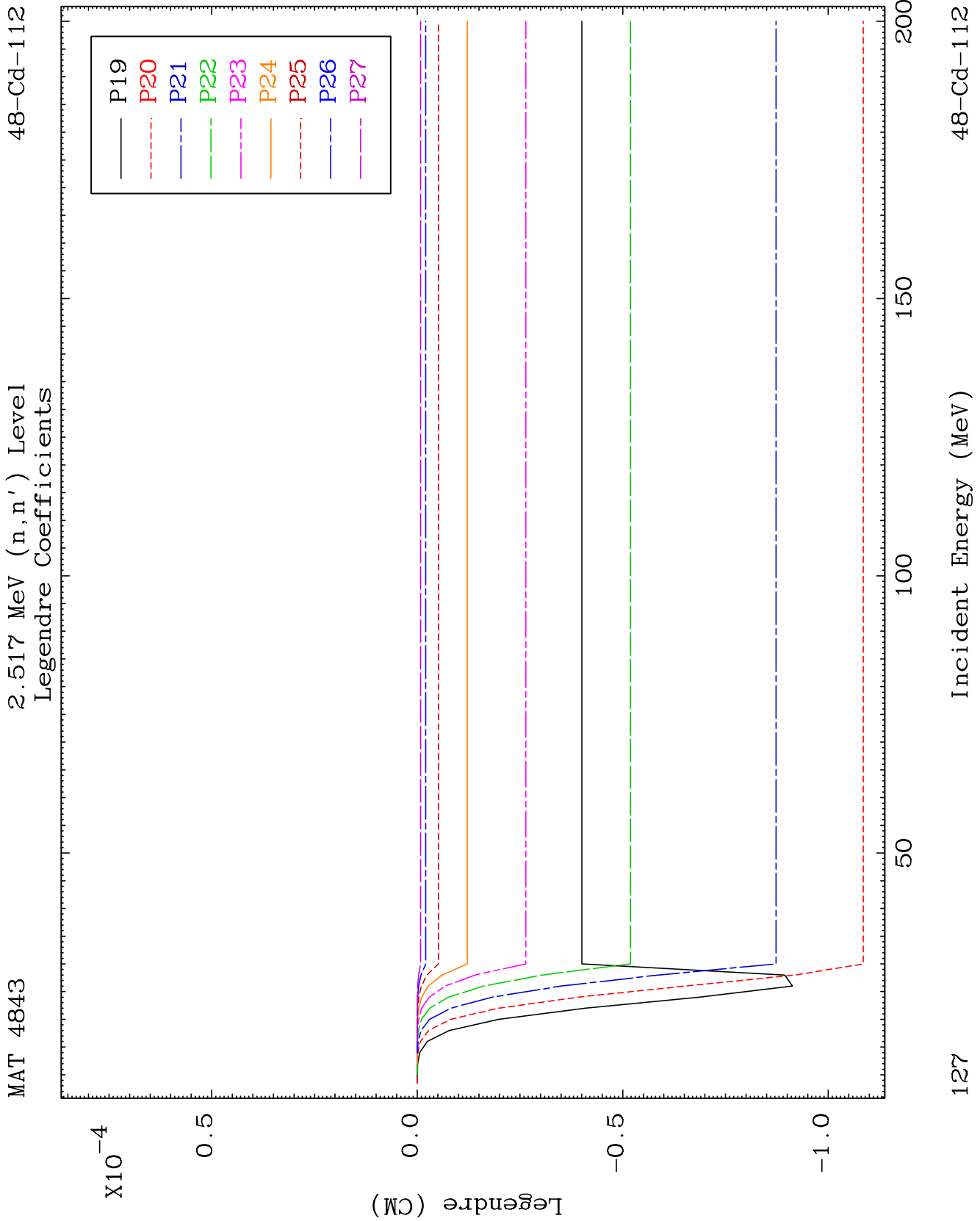


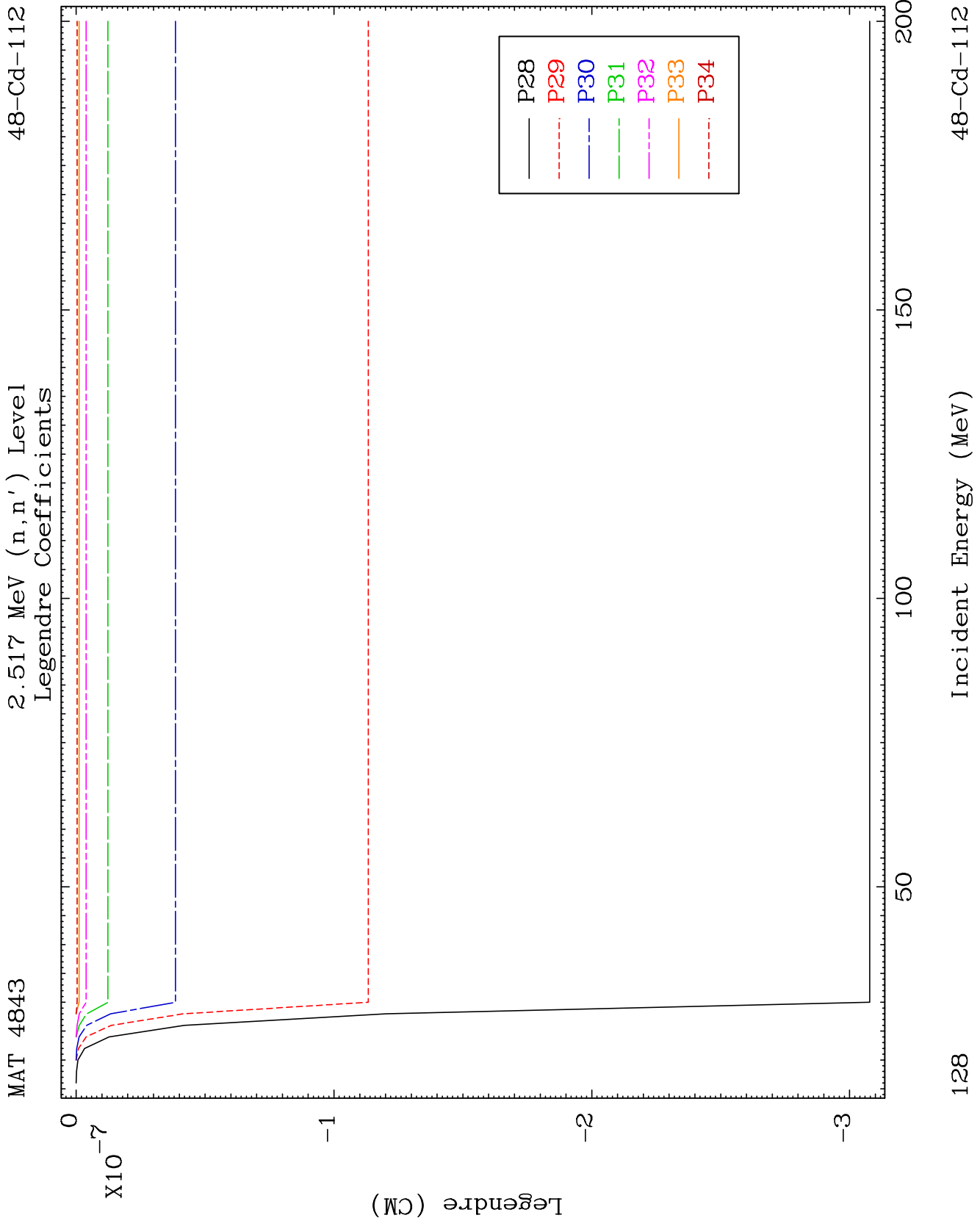
125

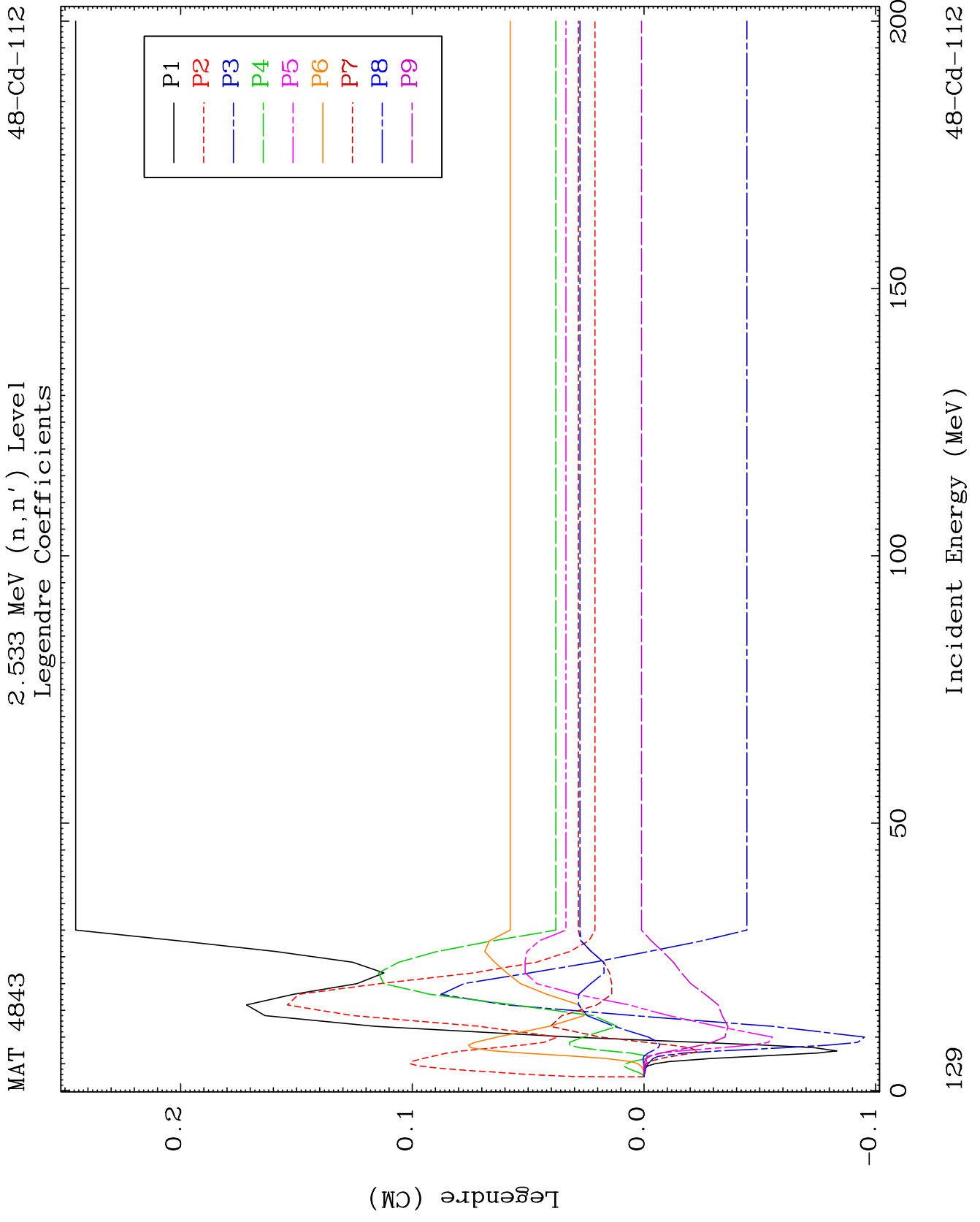
Incident Energy (MeV)

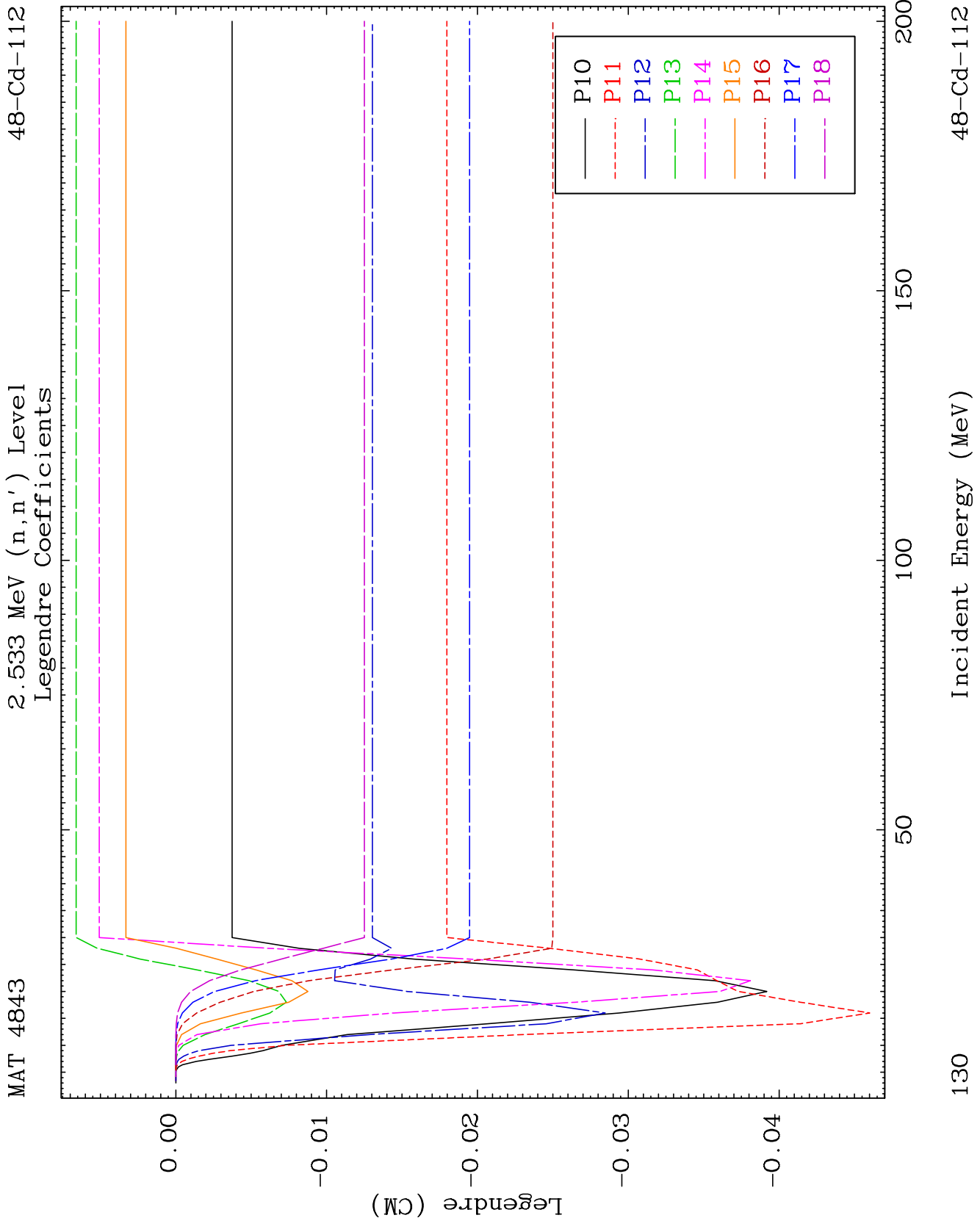
48-Cd-112

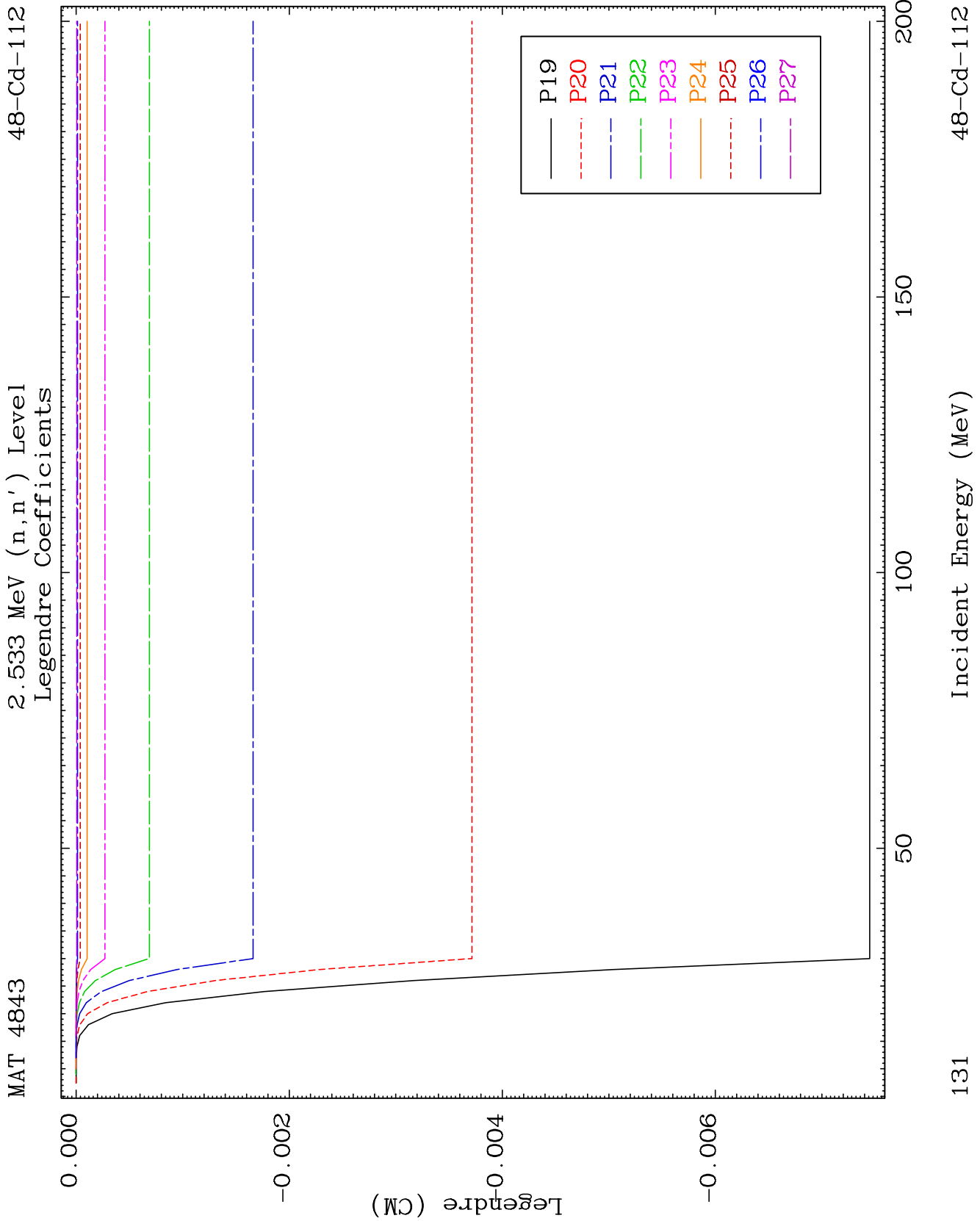


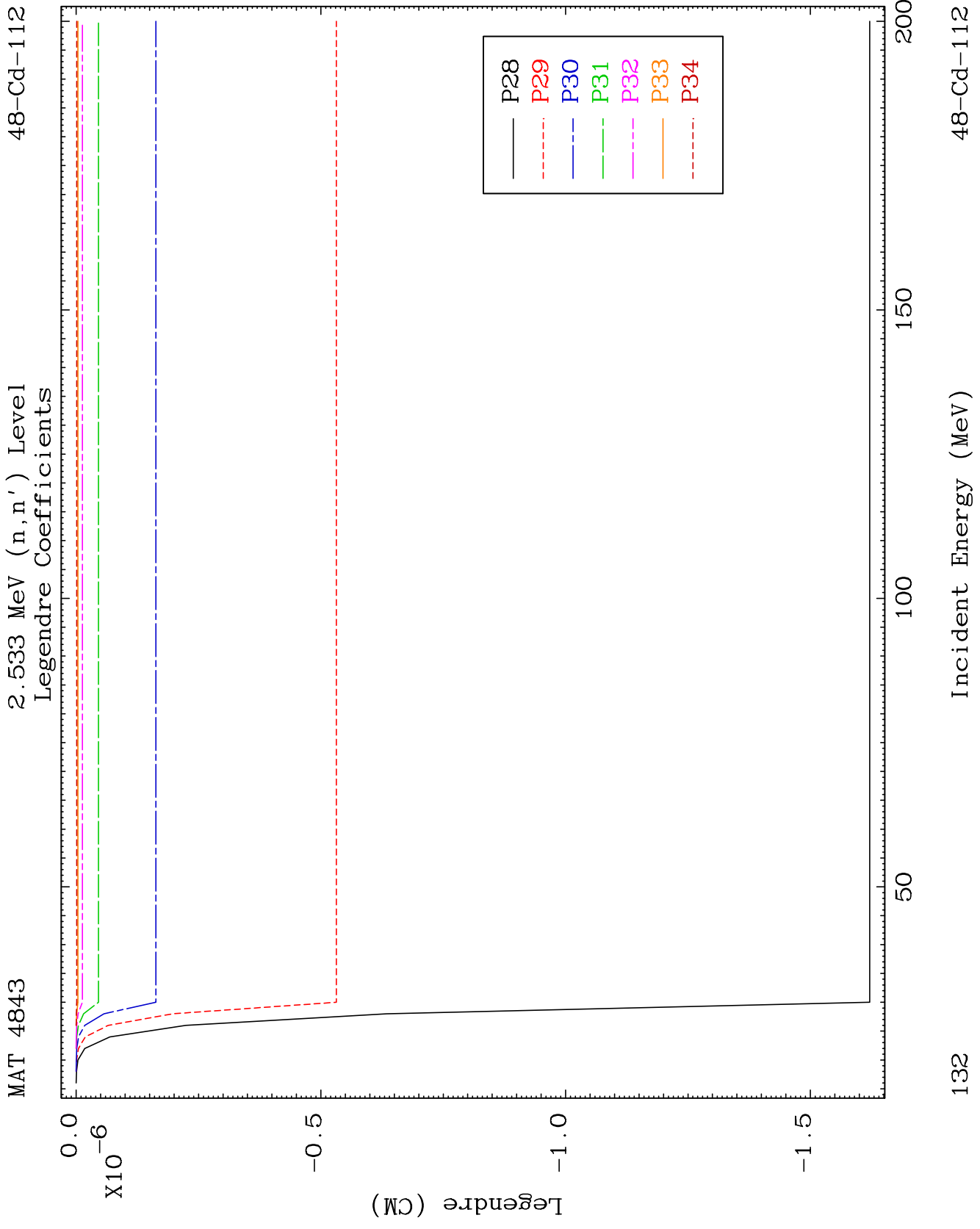








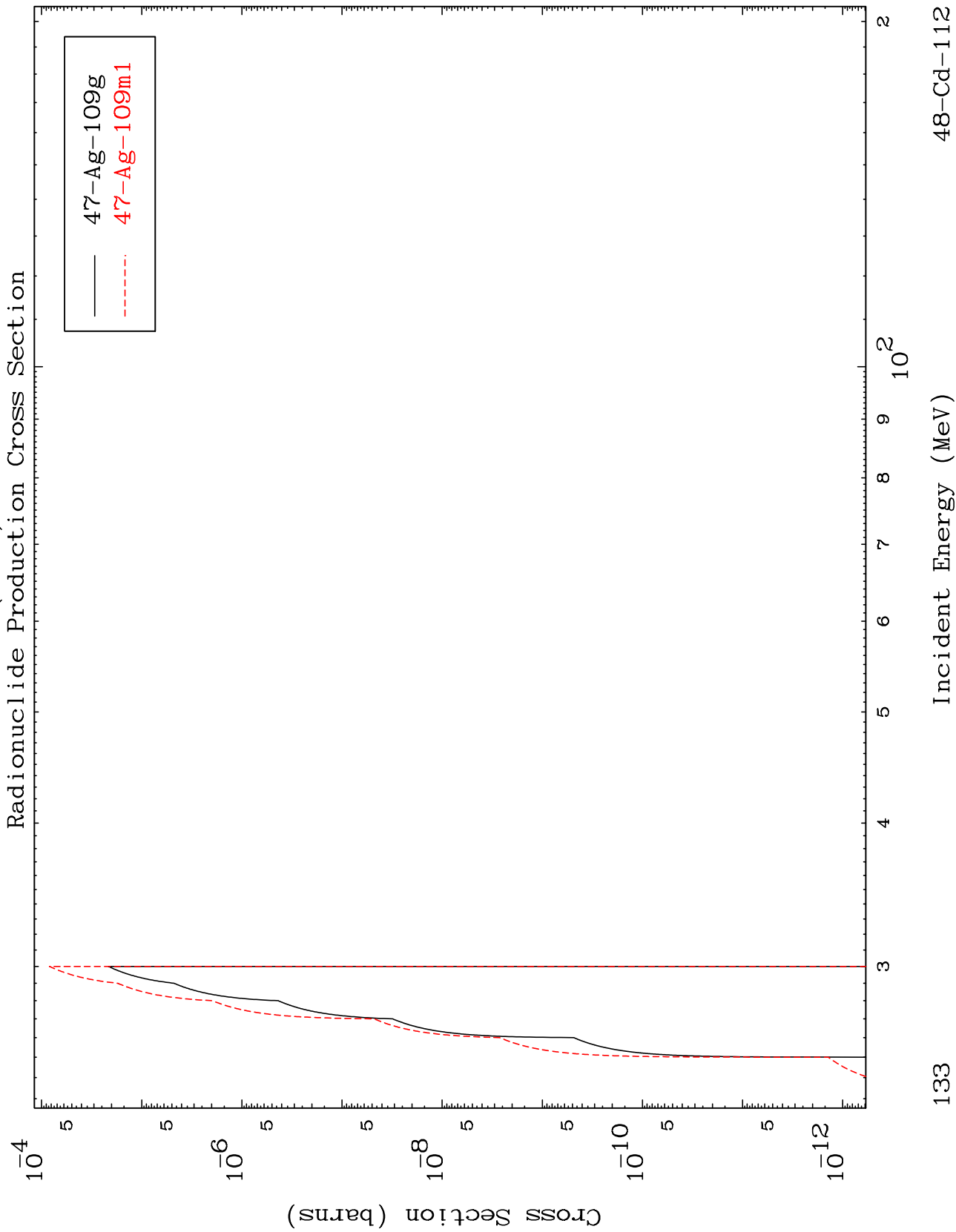




MAT 4843

(n,2n) d

48-Cd-112



133

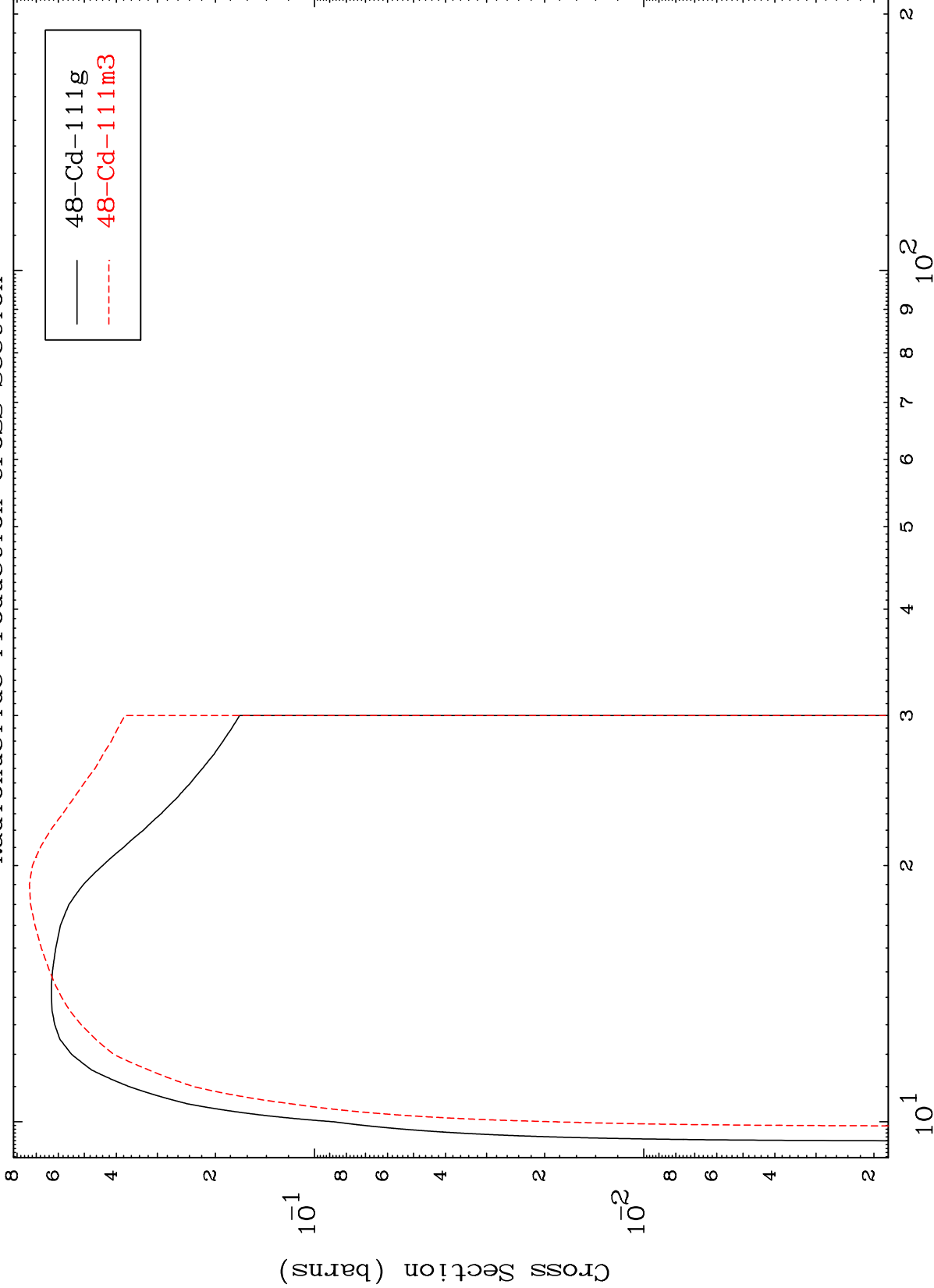
48-Cd-112

MAT 4843

(n,2n)

48-Cd-112

Radionuclide Production Cross Section



134

Incident Energy (MeV)

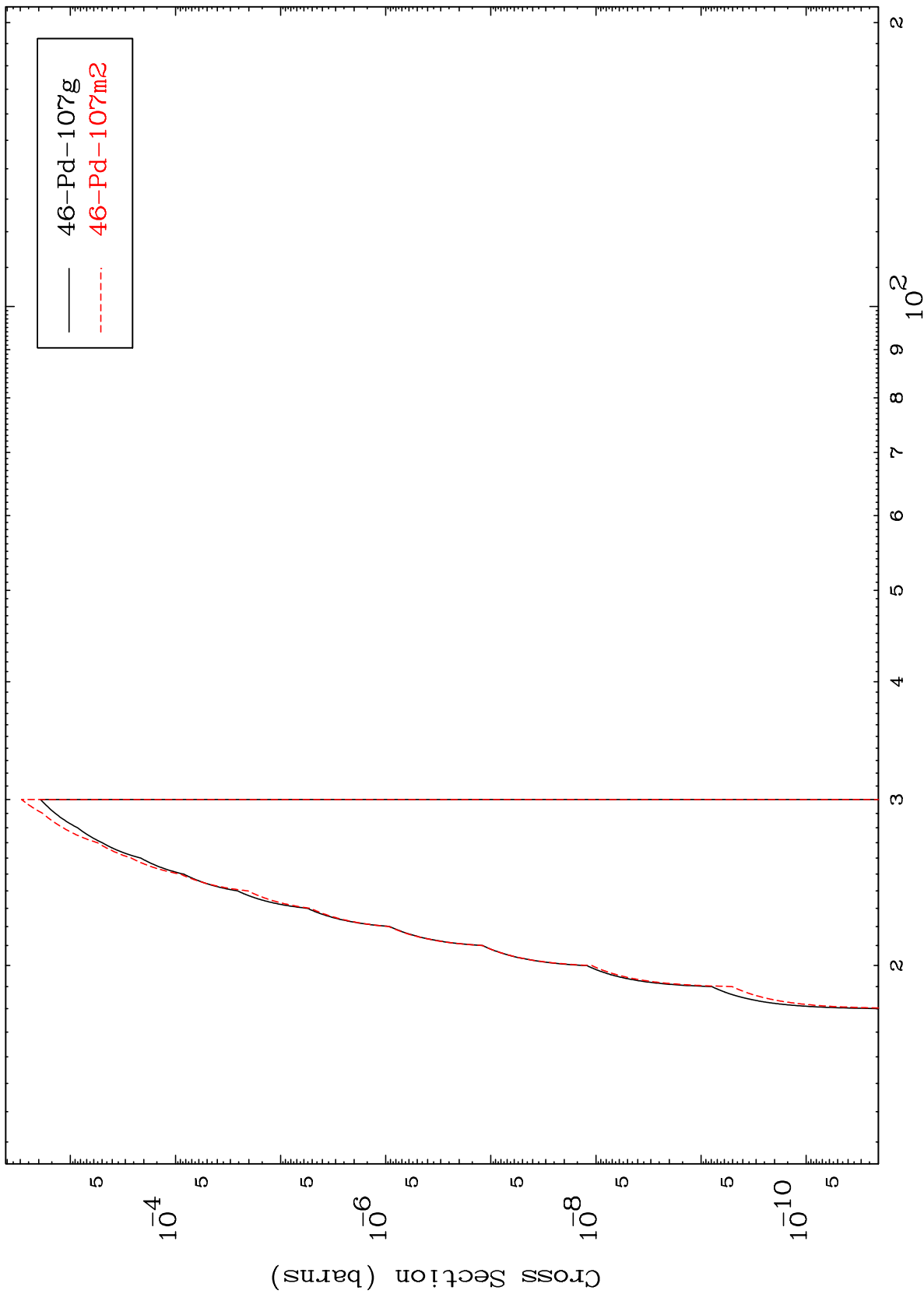
48-Cd-112

MAT 4843

(n,2n) α

48-Cd-112

Radionuclide Production Cross Section



135

Incident Energy (MeV)

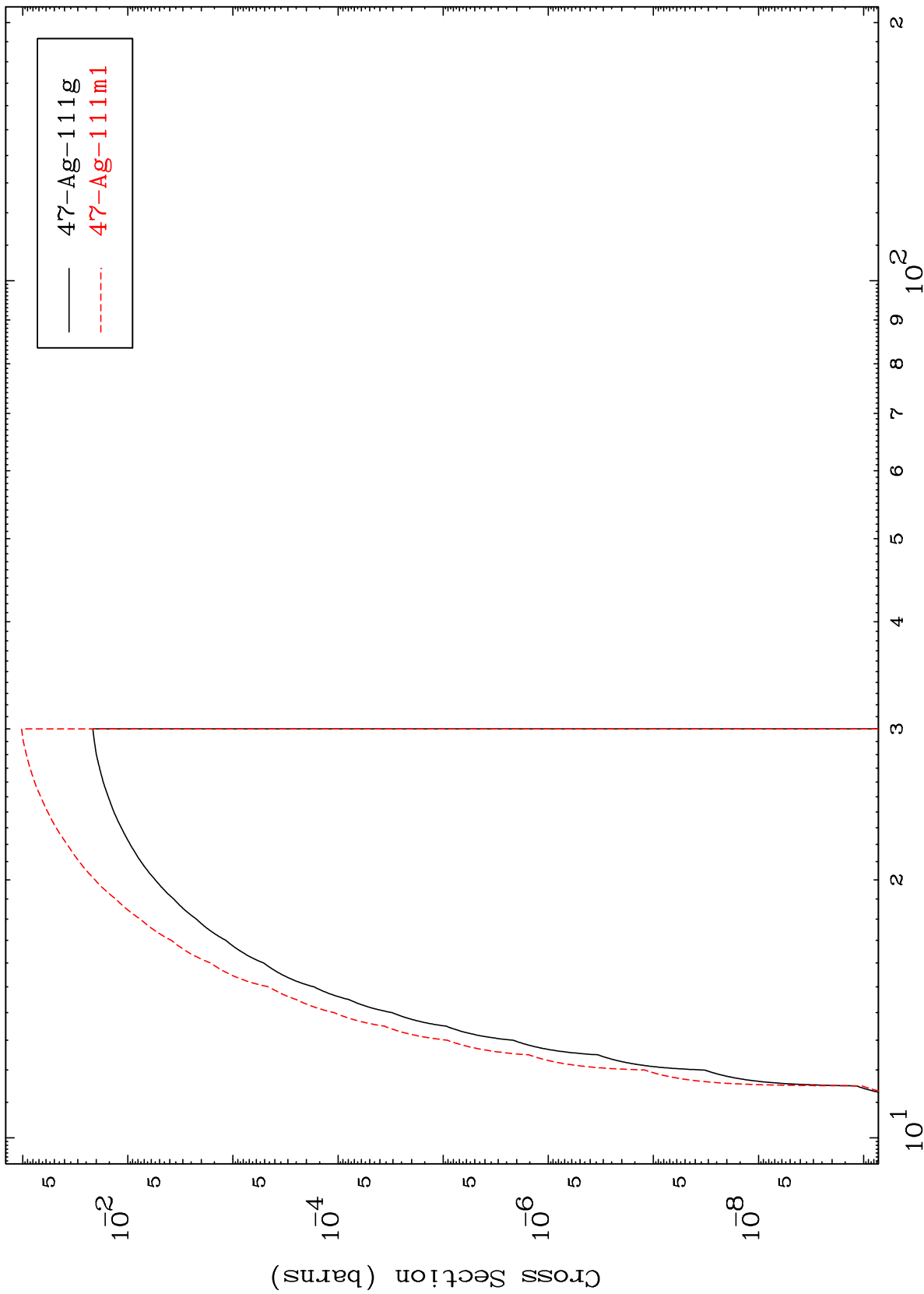
48-Cd-112

MAT 4843

(n,n') p

48-Cd-112

Radionuclide Production Cross Section



136

Incident Energy (MeV)

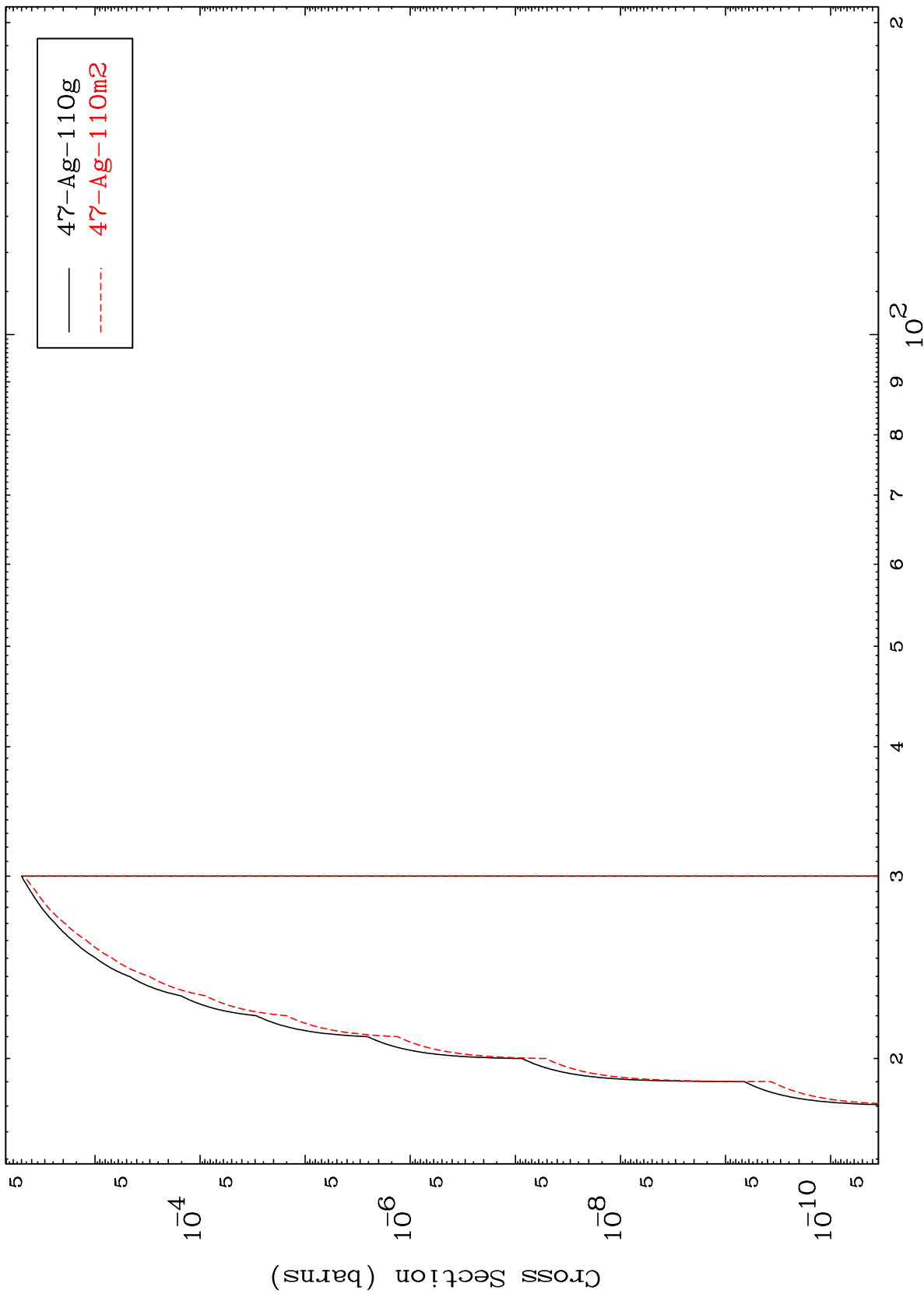
48-Cd-112

MAT 4843

(n,n') d

48-Cd-112

Radionuclide Production Cross Section

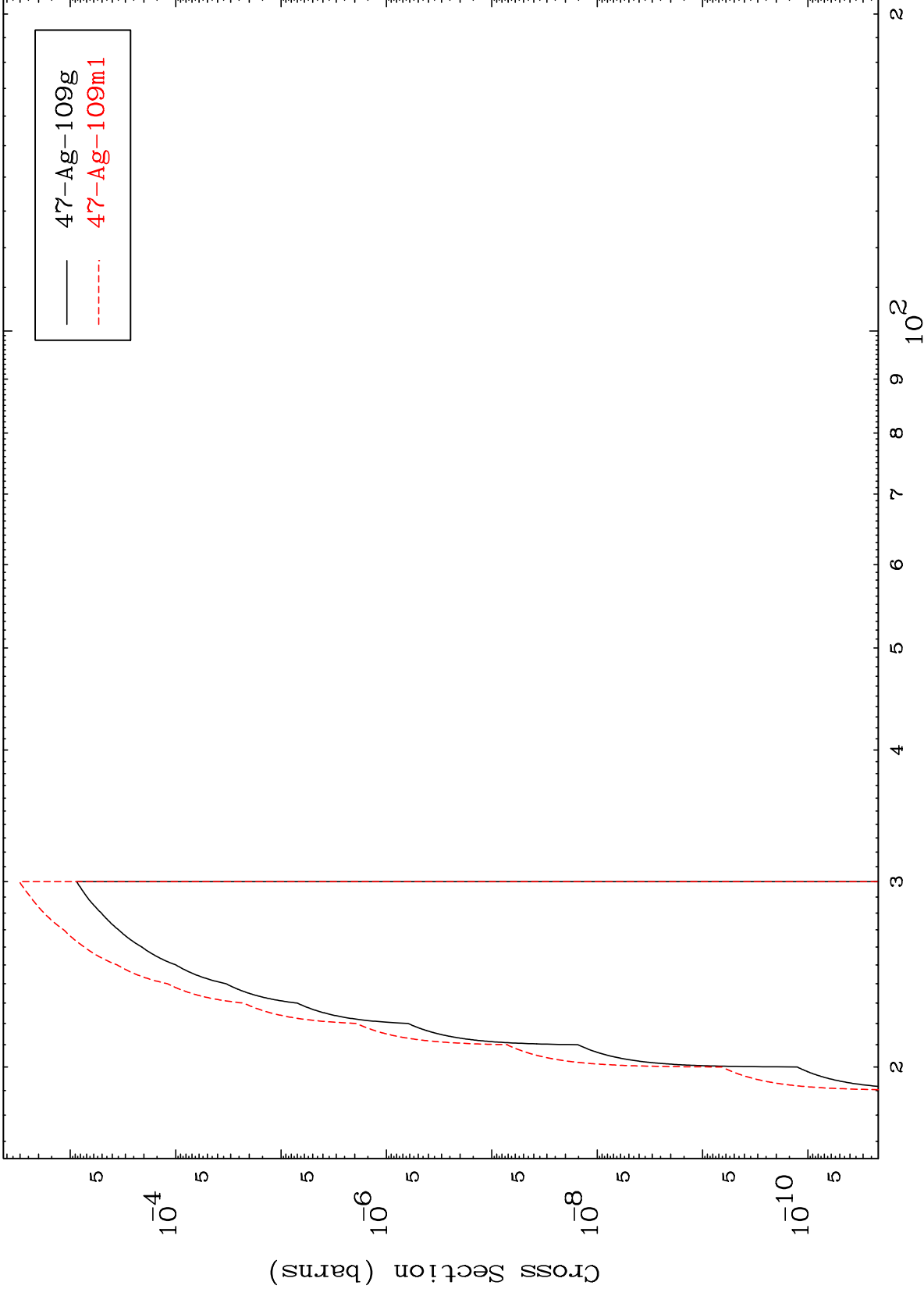


137

Incident Energy (MeV)

48-Cd-112

Radionuclide Production Cross Section

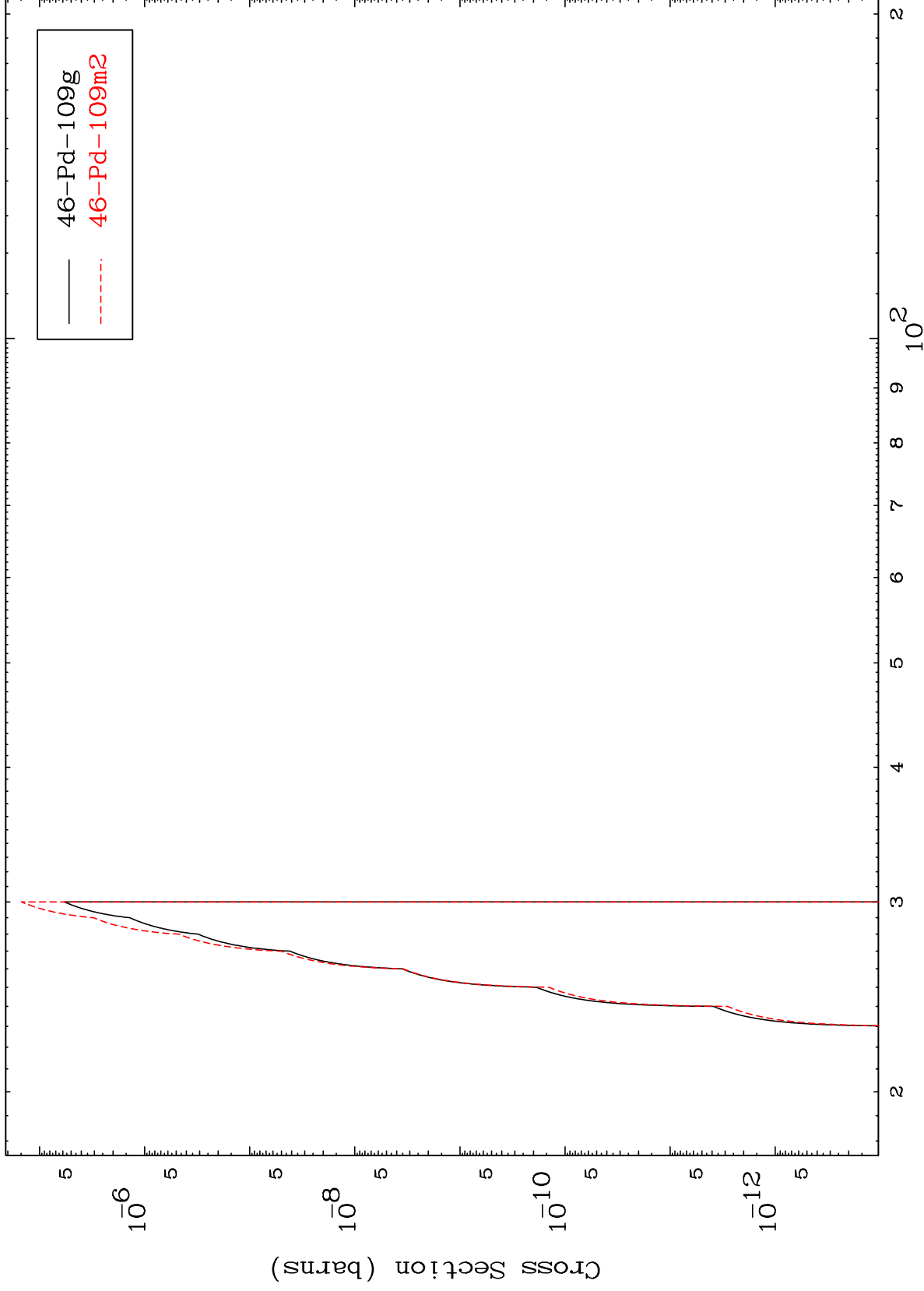


MAT 4843

(n,n') He-3

48-Cd-112

Radionuclide Production Cross Section



139

Incident Energy (MeV)

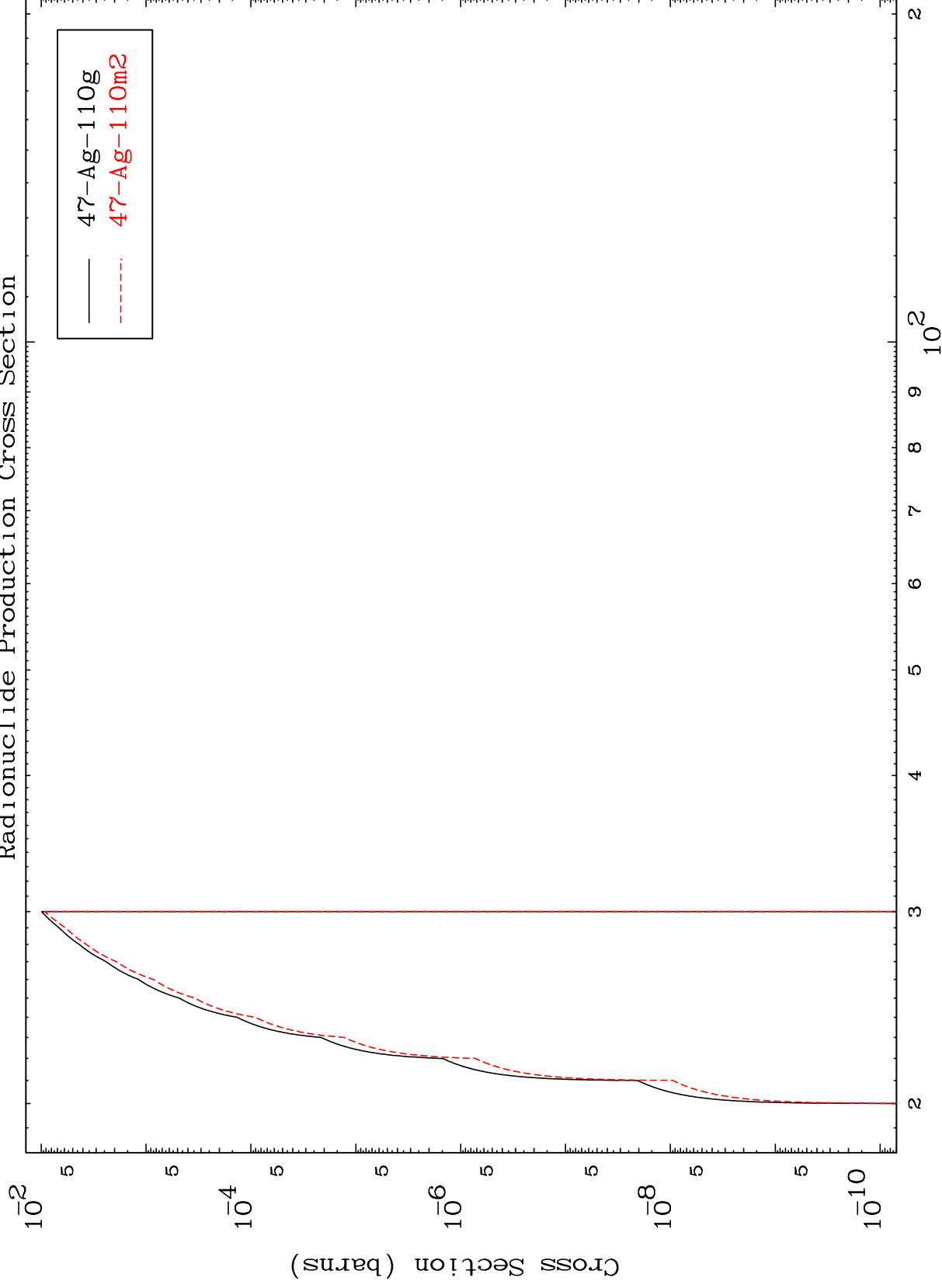
48-Cd-112

MAT 4843

(n,2n) p

48-Cd-112

Radionuclide Production Cross Section



140

Incident Energy (MeV)

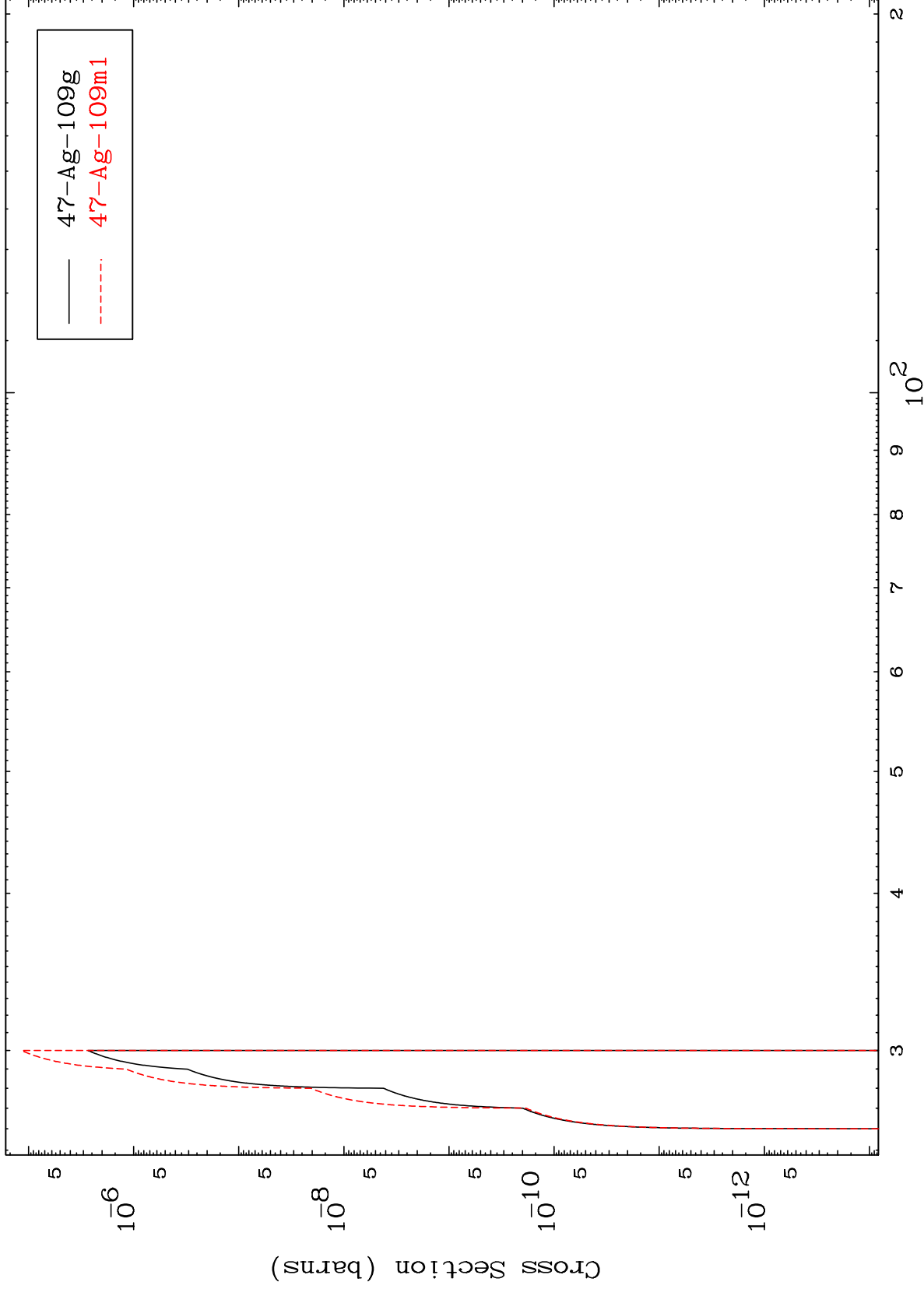
48-Cd-112

MAT 4843

(n,3n) p

48-Cd-112

Radionuclide Production Cross Section



141

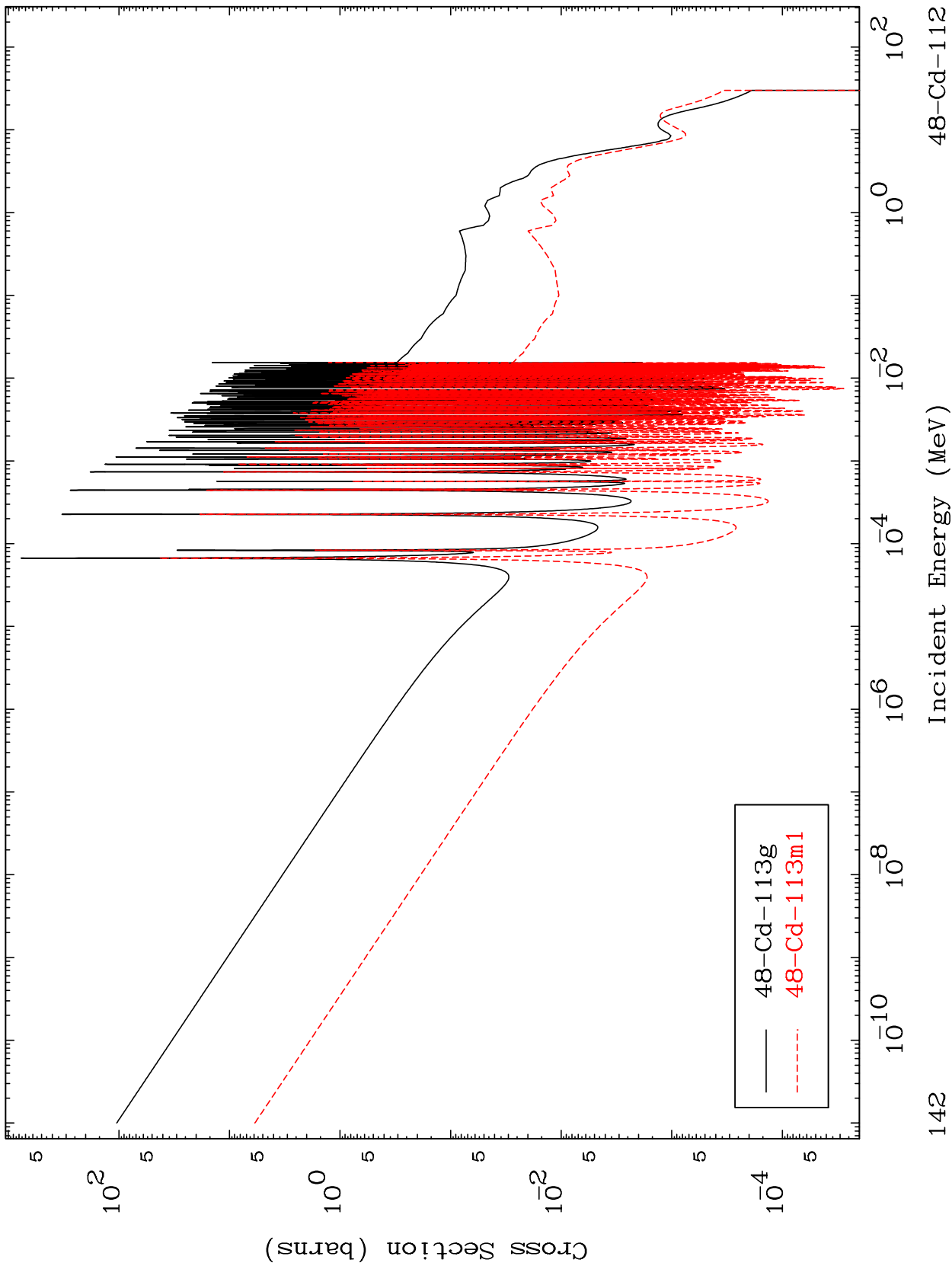
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n, γ)
Radionuclide Production Cross Section

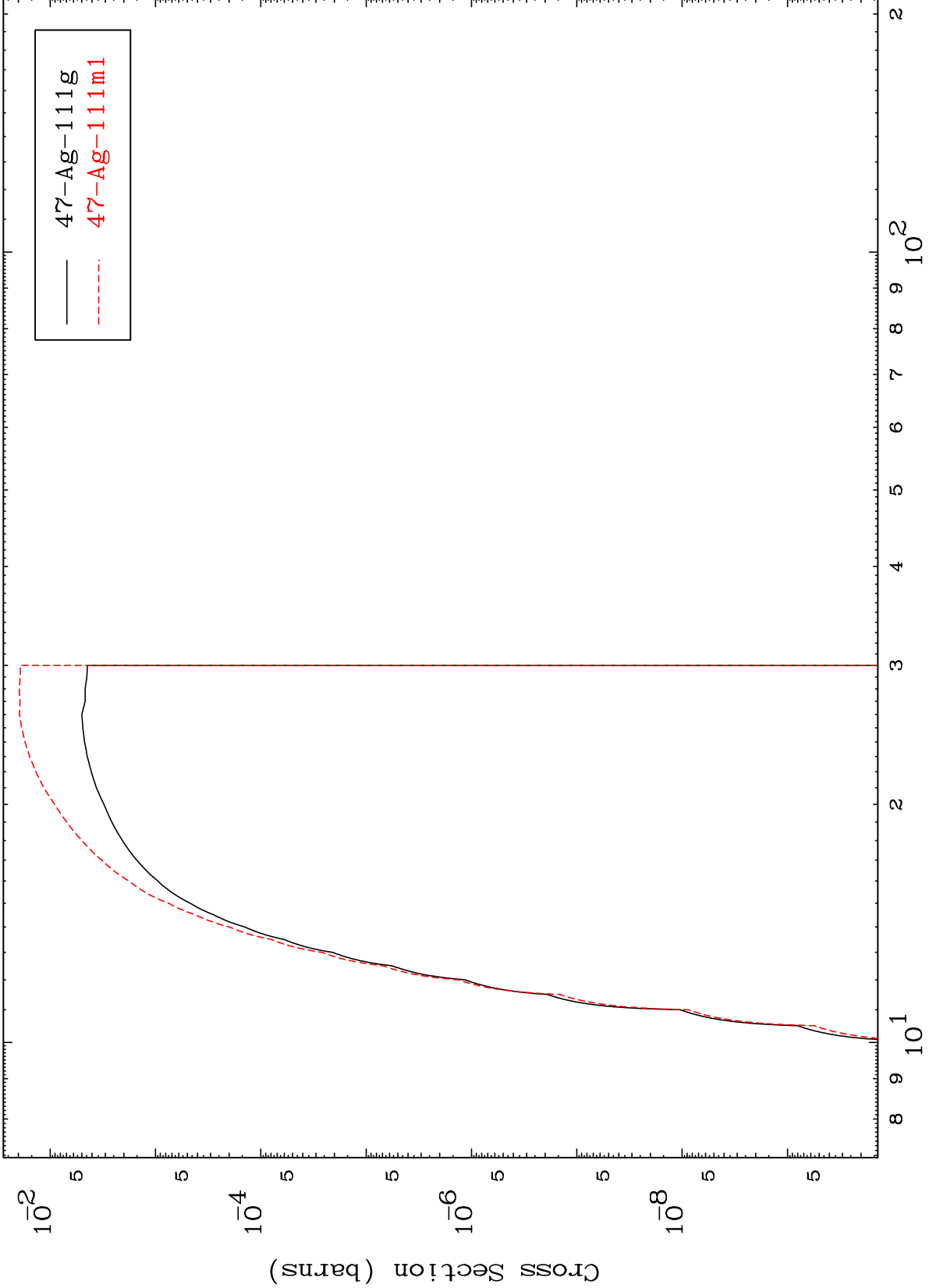


MAT 4843

(n,d)

48-Cd-112

Radionuclide Production Cross Section



143

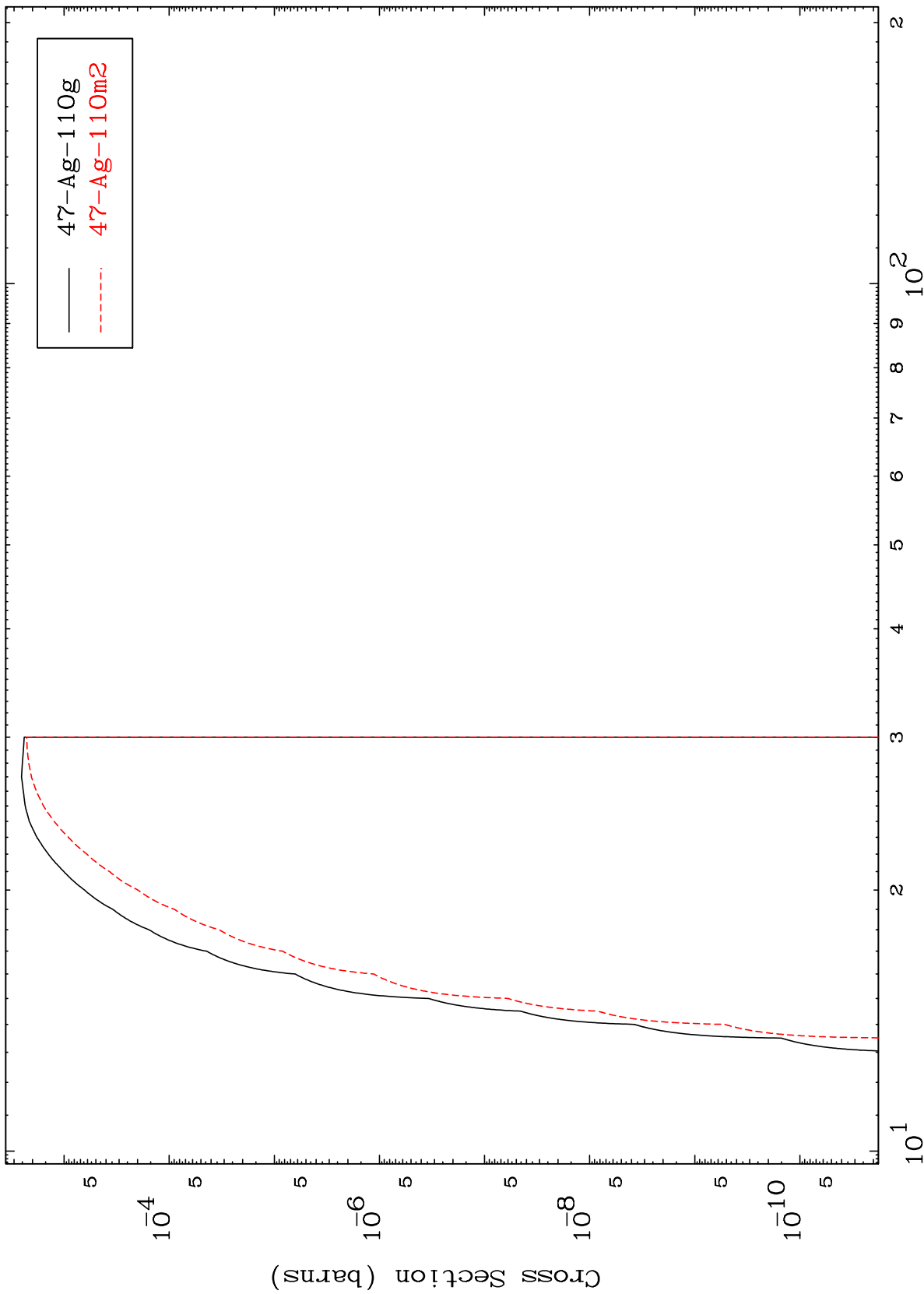
Incident Energy (MeV)

48-Cd-112

MAT 4843

48-Cd-112

(n,t)
Radionuclide Production Cross Section



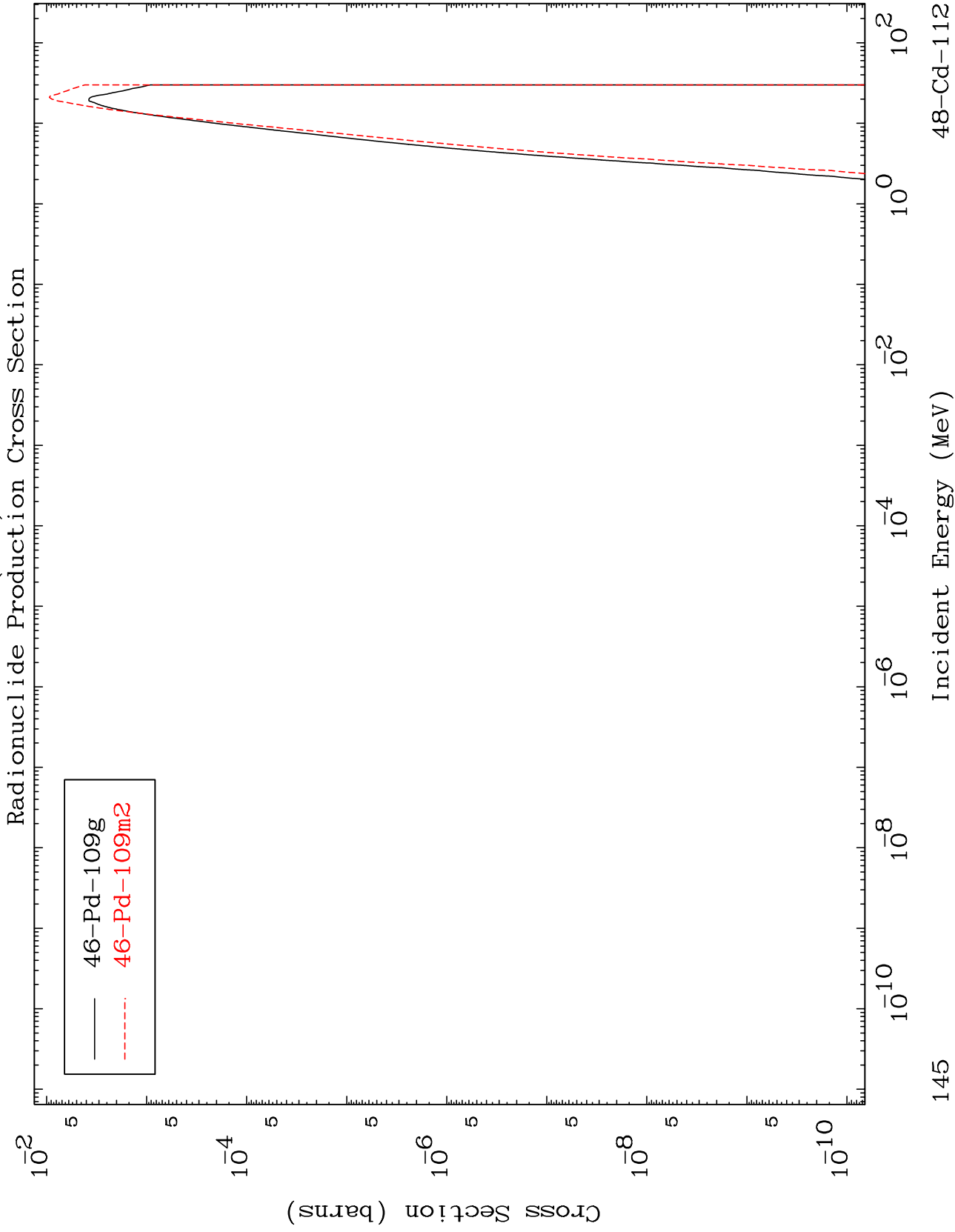
48-Cd-112

Incident Energy (MeV)

144

MAT 4843

48-Cd-112

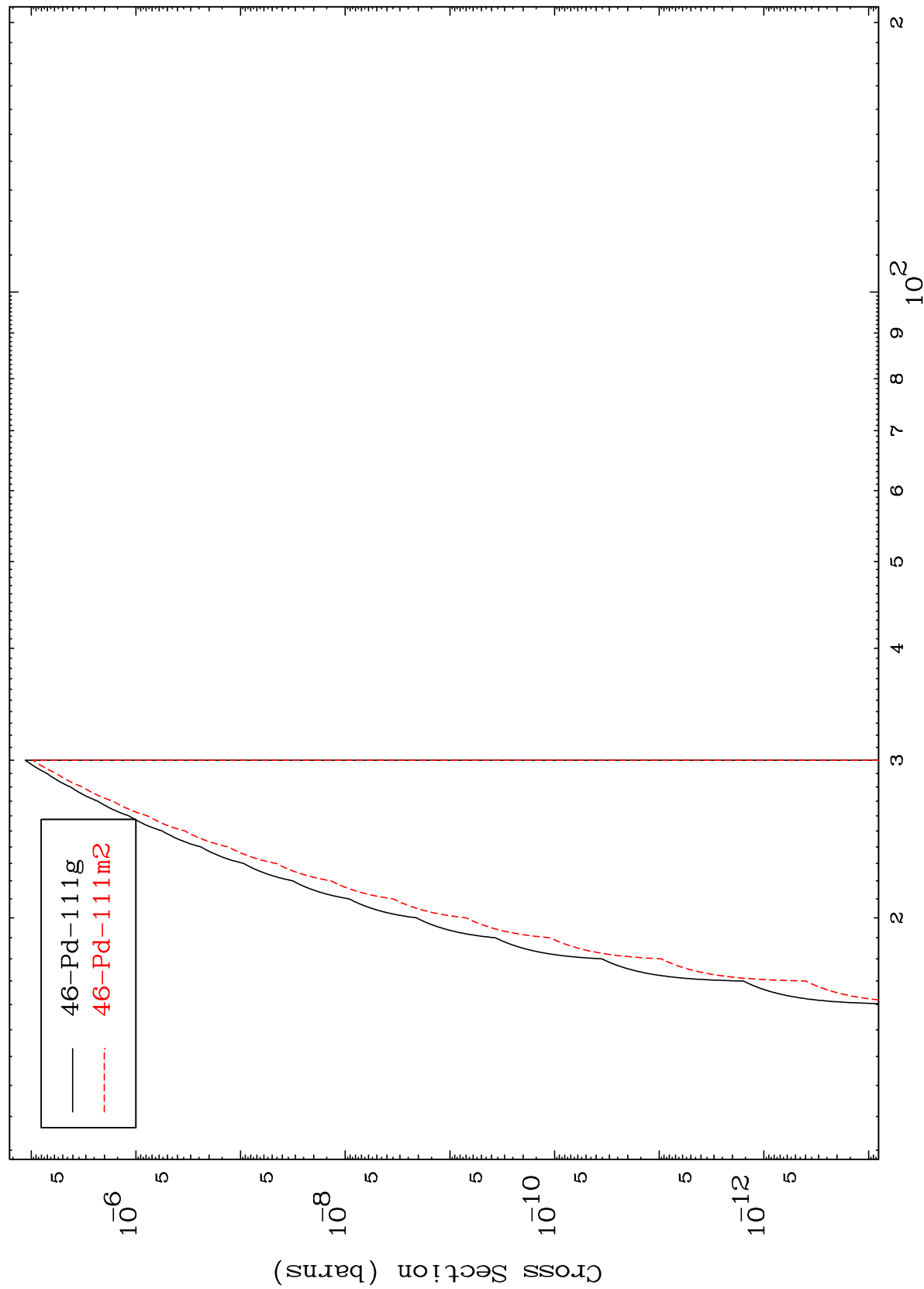


— 46-Pd-109g
- - - 46-Pd-109m2

MAT 4843

48-Cd-112

(n,2p)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

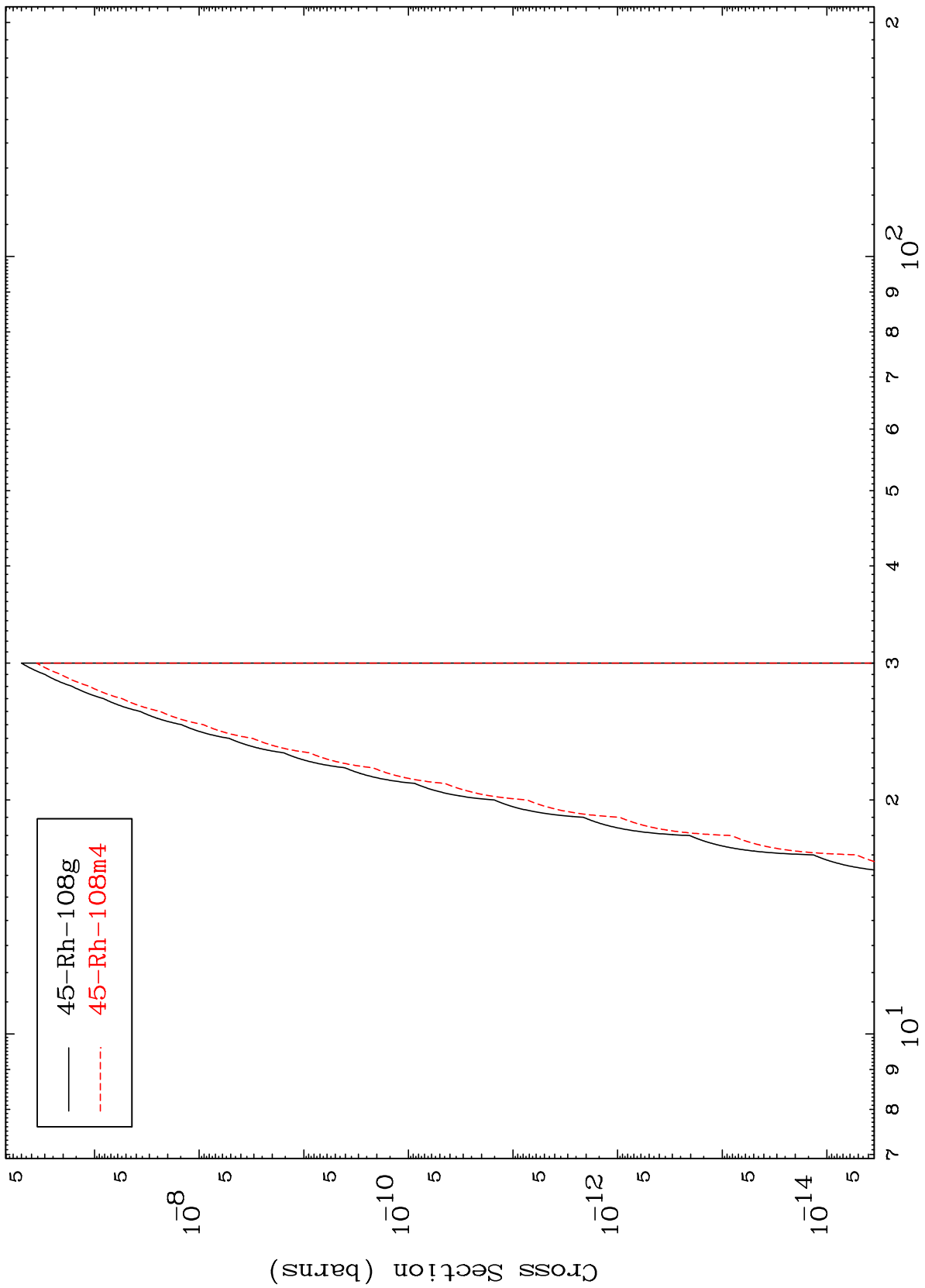
48-Cd-112

MAT 4843

(n,p) α

48-Cd-112

Radionuclide Production Cross Section



147

Incident Energy (MeV)

48-Cd-112

Radionuclide Production Cross Section

