

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

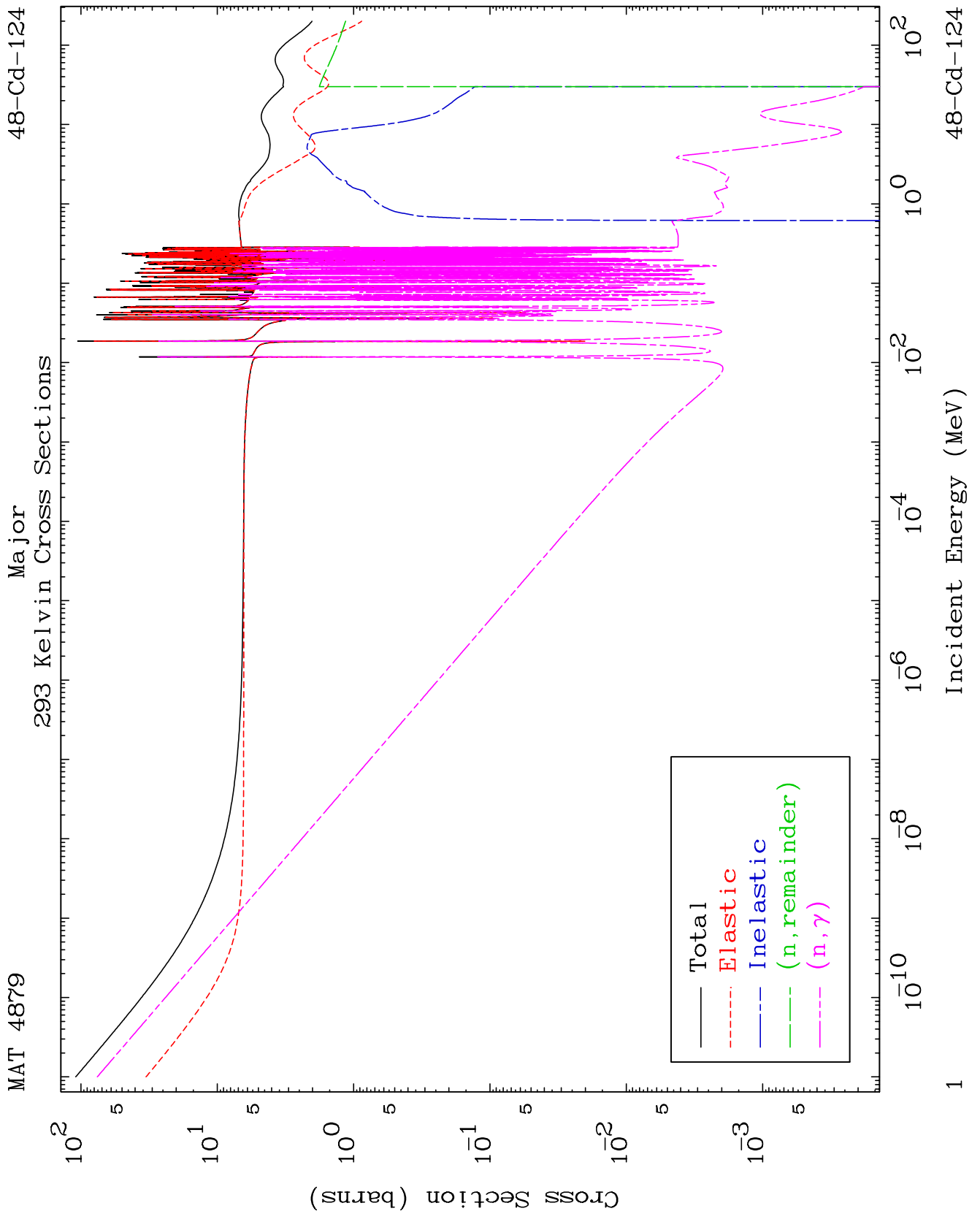
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Web:redcullen1.net/HOMEPAGE.NEW

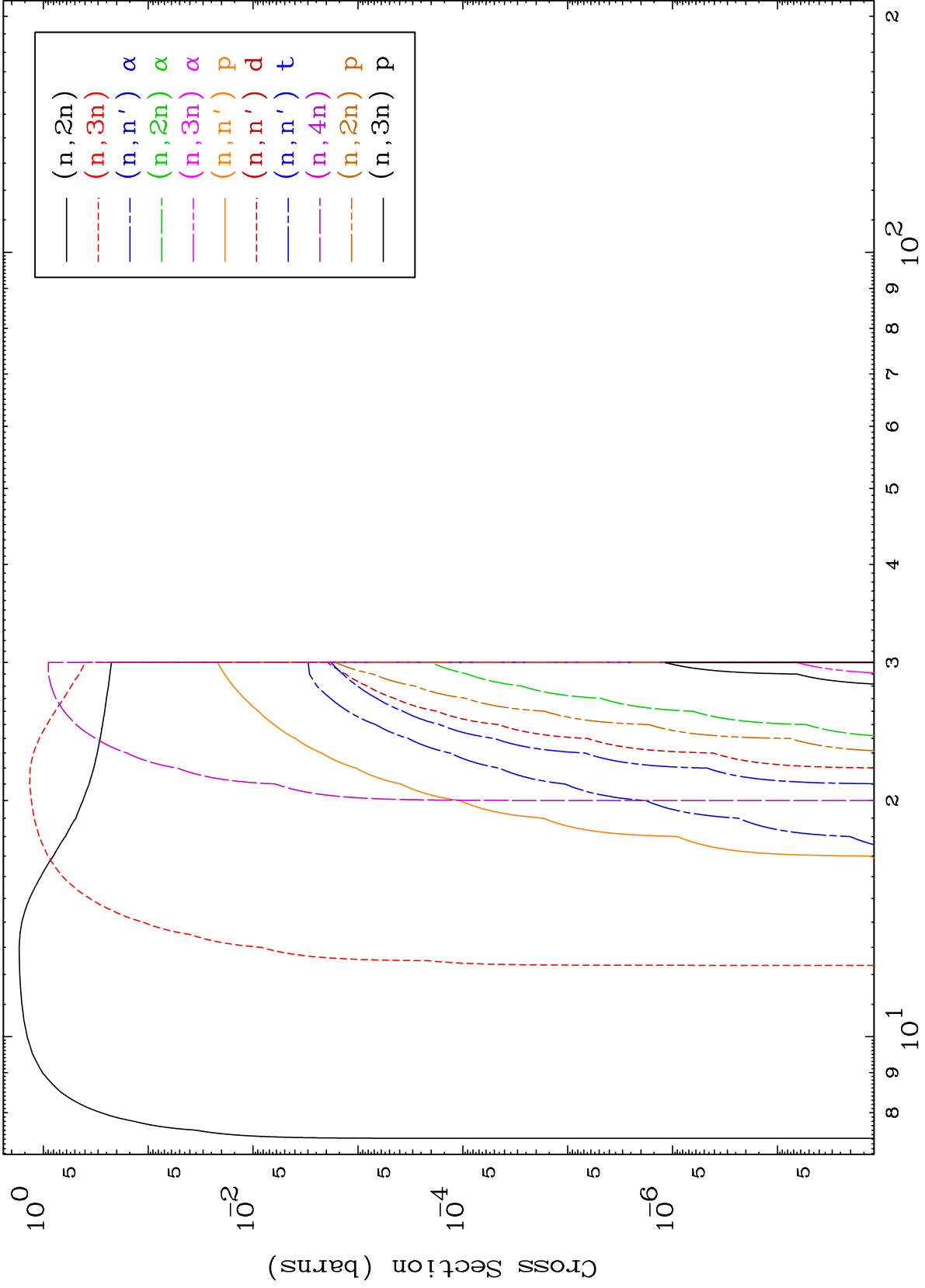
Press Mouse Button to Start



MAT 4879

Neutron Production
293 Kelvin Cross Sections

48-Cd-124



2

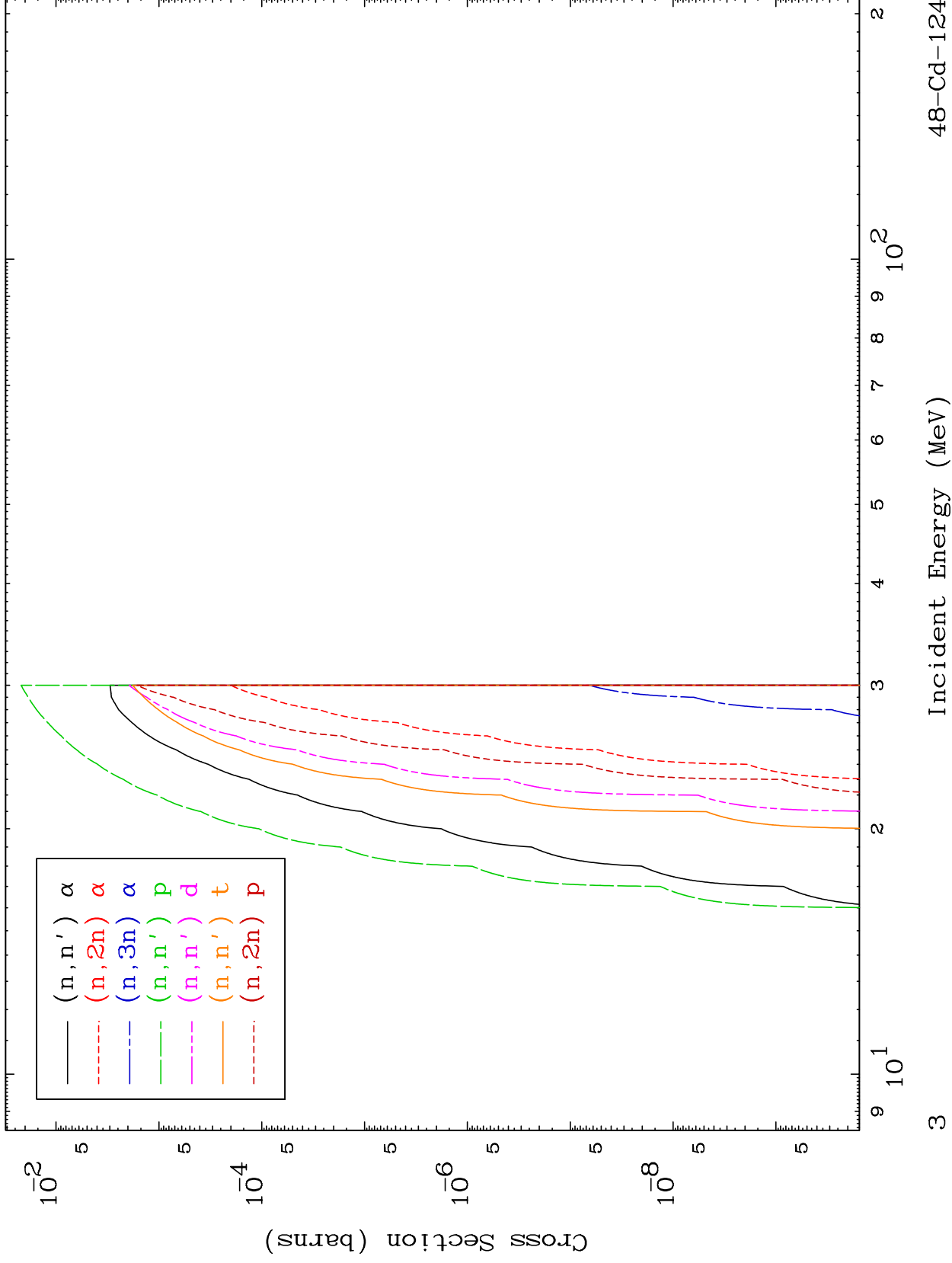
Incident Energy (MeV)

48-Cd-124

MAT 4879

Charged Particle
293 Kelvin Cross Sections

48-Cd-124



48-Cd-124

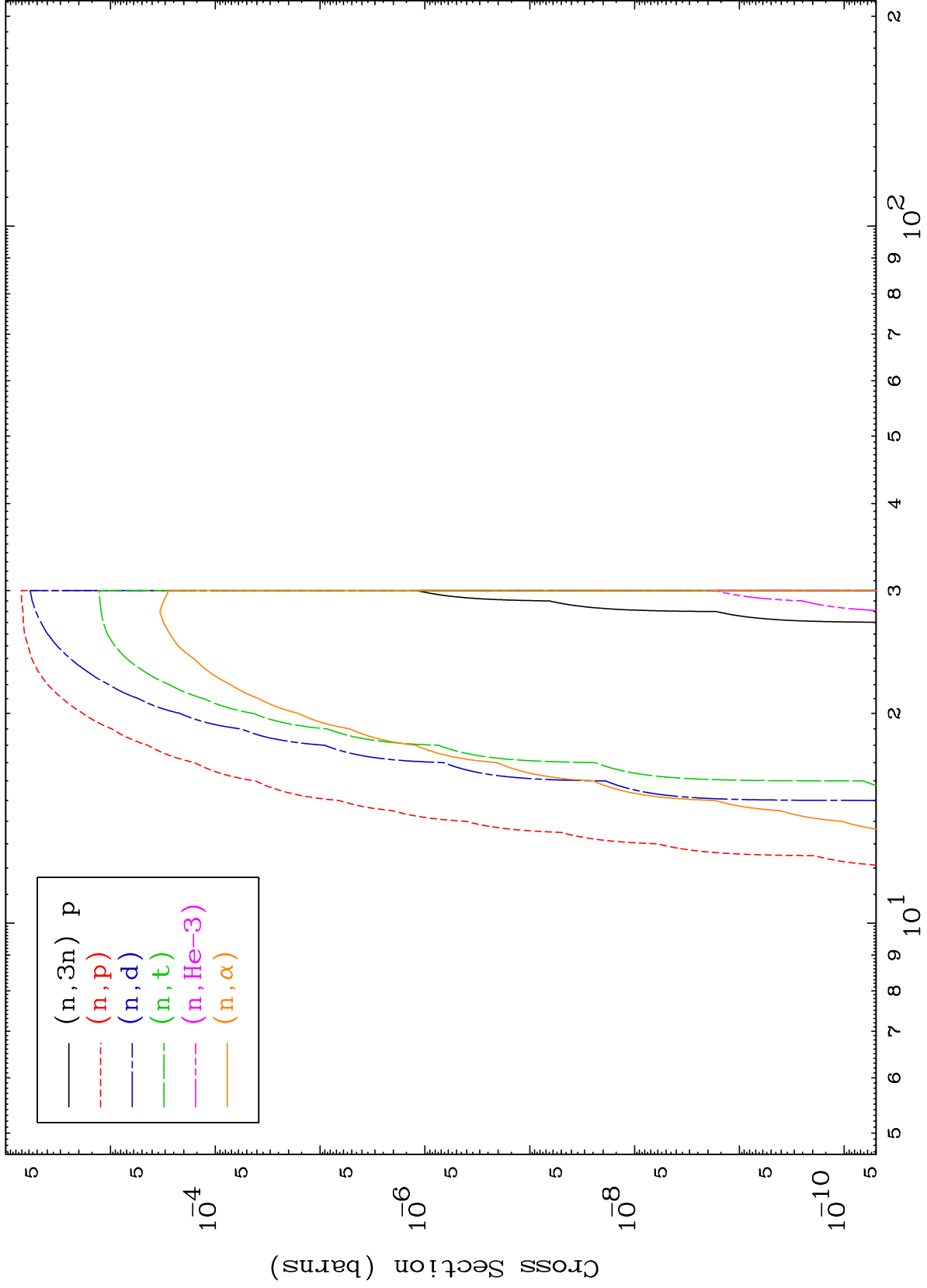
Incident Energy (MeV)

3

MAT 4879

Charged Particle
293 Kelvin Cross Sections

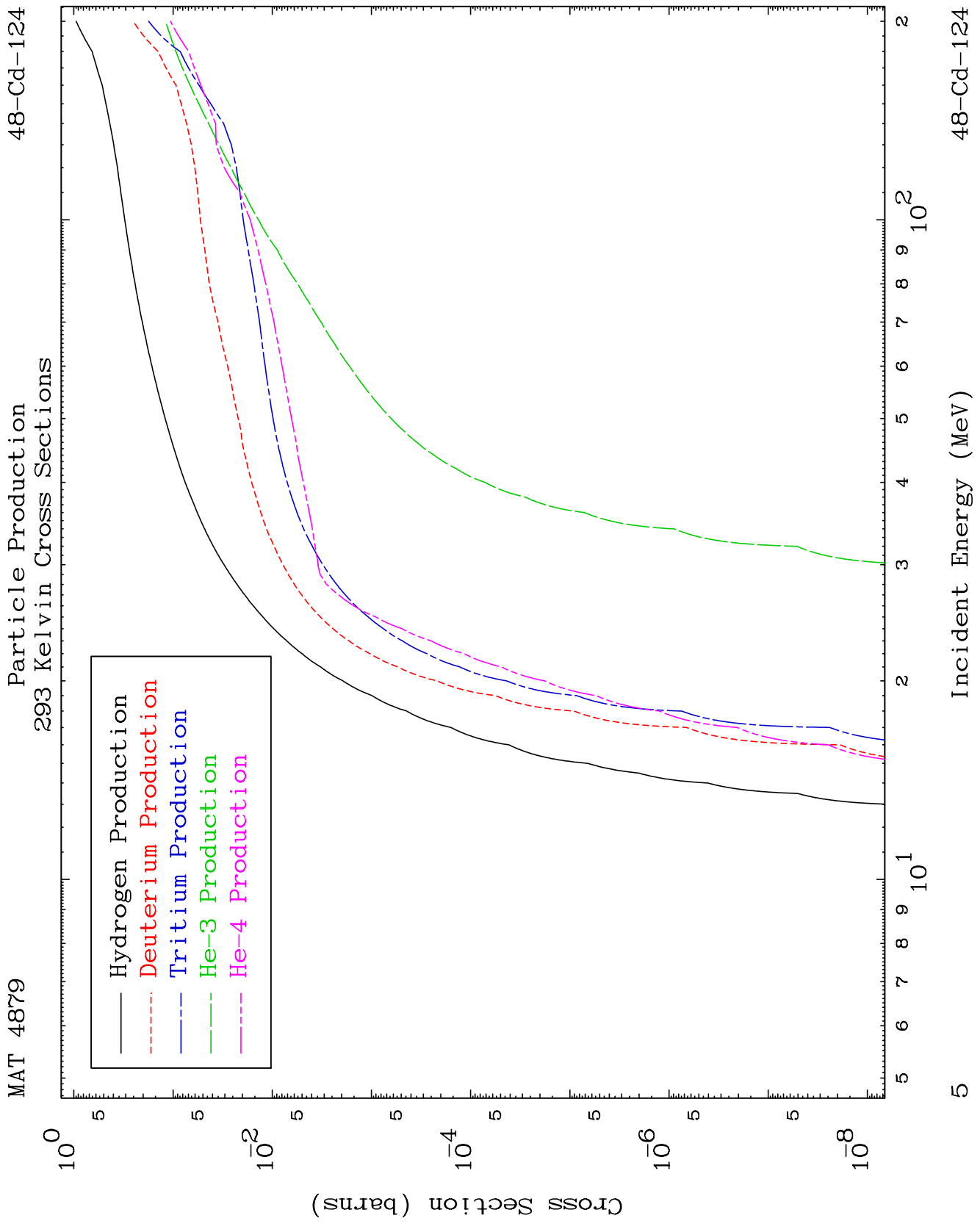
48-Cd-124



4

Incident Energy (MeV)

48-Cd-124

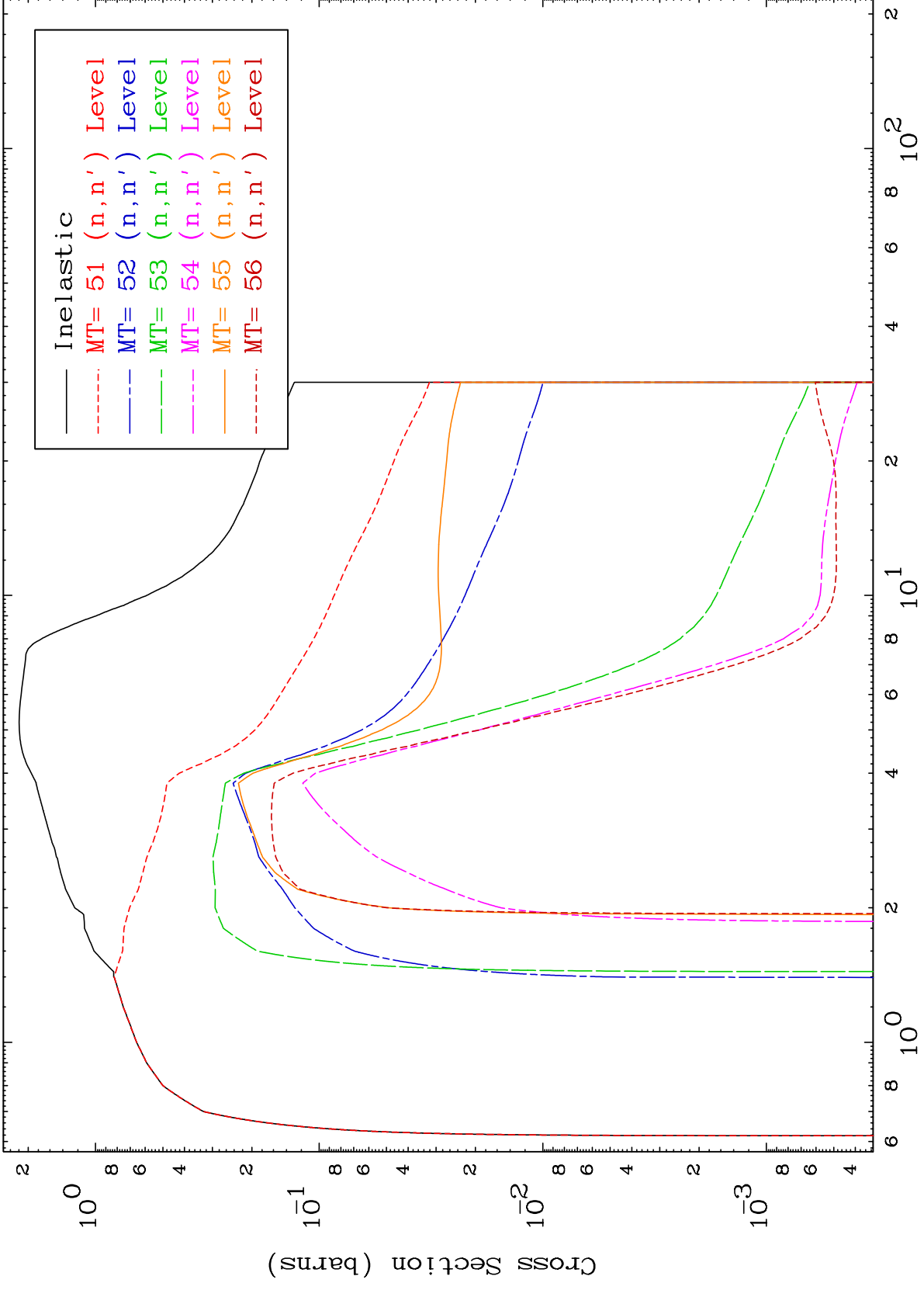


MAT 4879

(n,n') Level

48-Cd-124

293 Kelvin Cross Sections



6

Incident Energy (MeV)

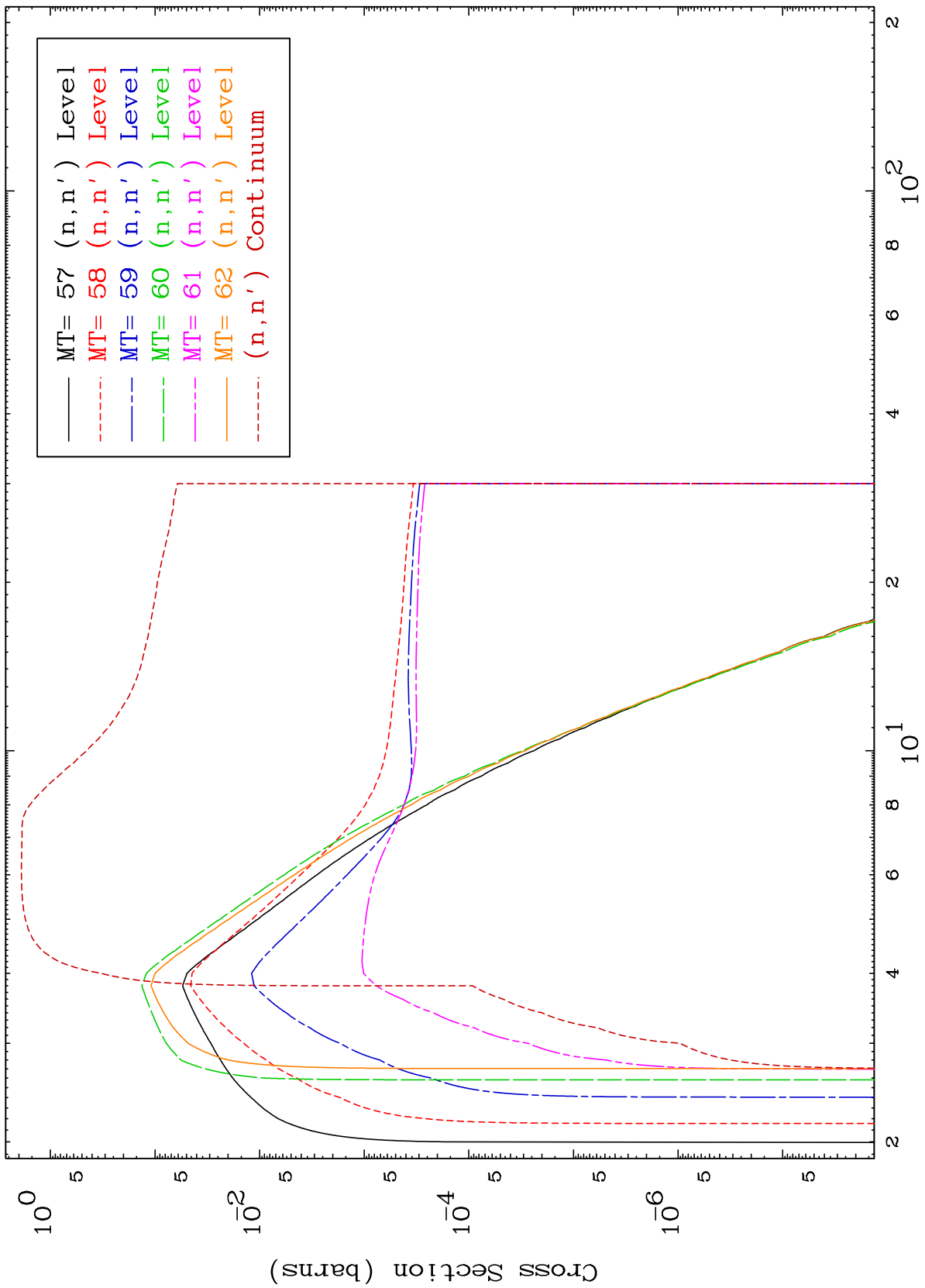
48-Cd-124

MAT 4879

(n,n') Level

293 Kelvin Cross Sections

48-Cd-124



7

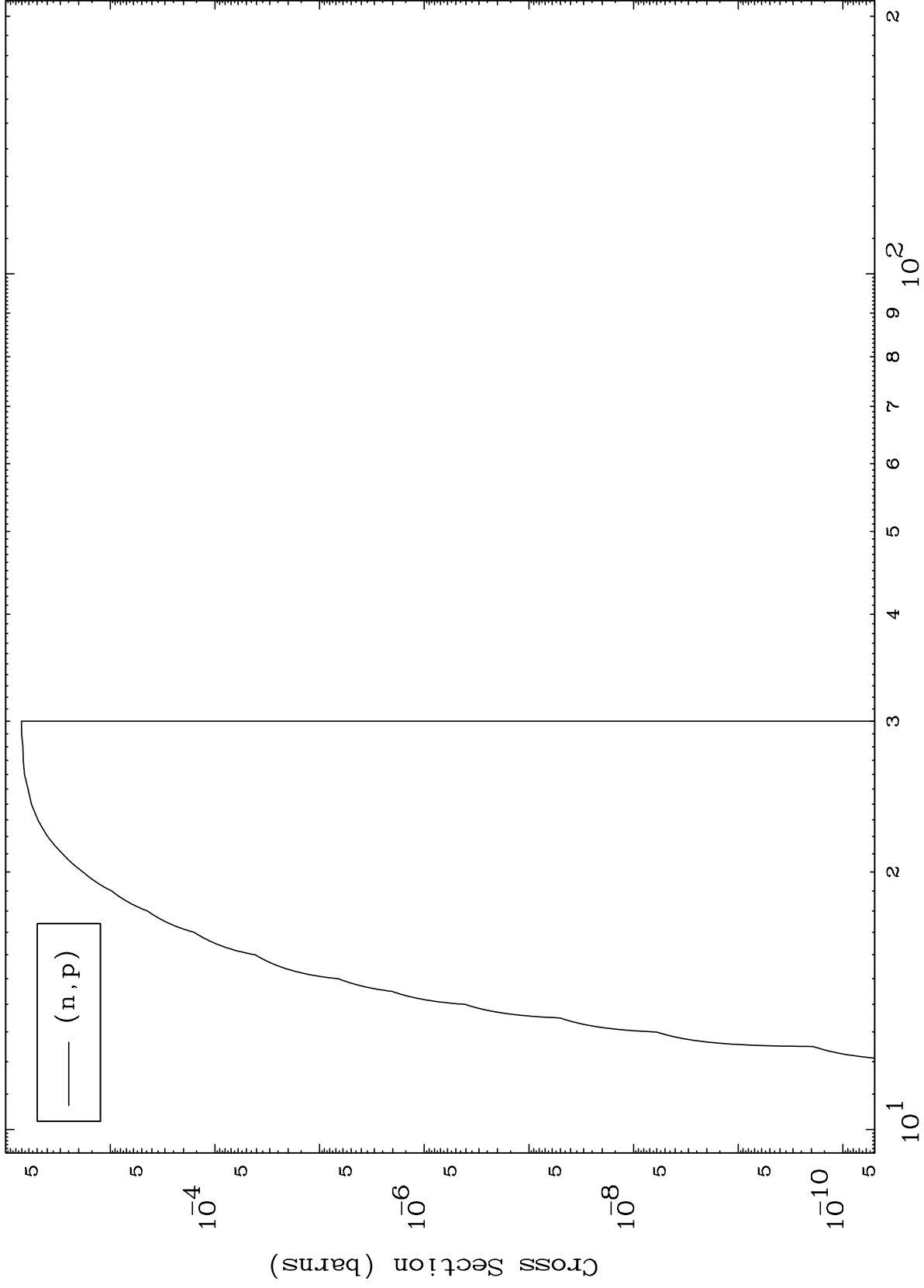
Incident Energy (MeV)

48-Cd-124

MAT 4879

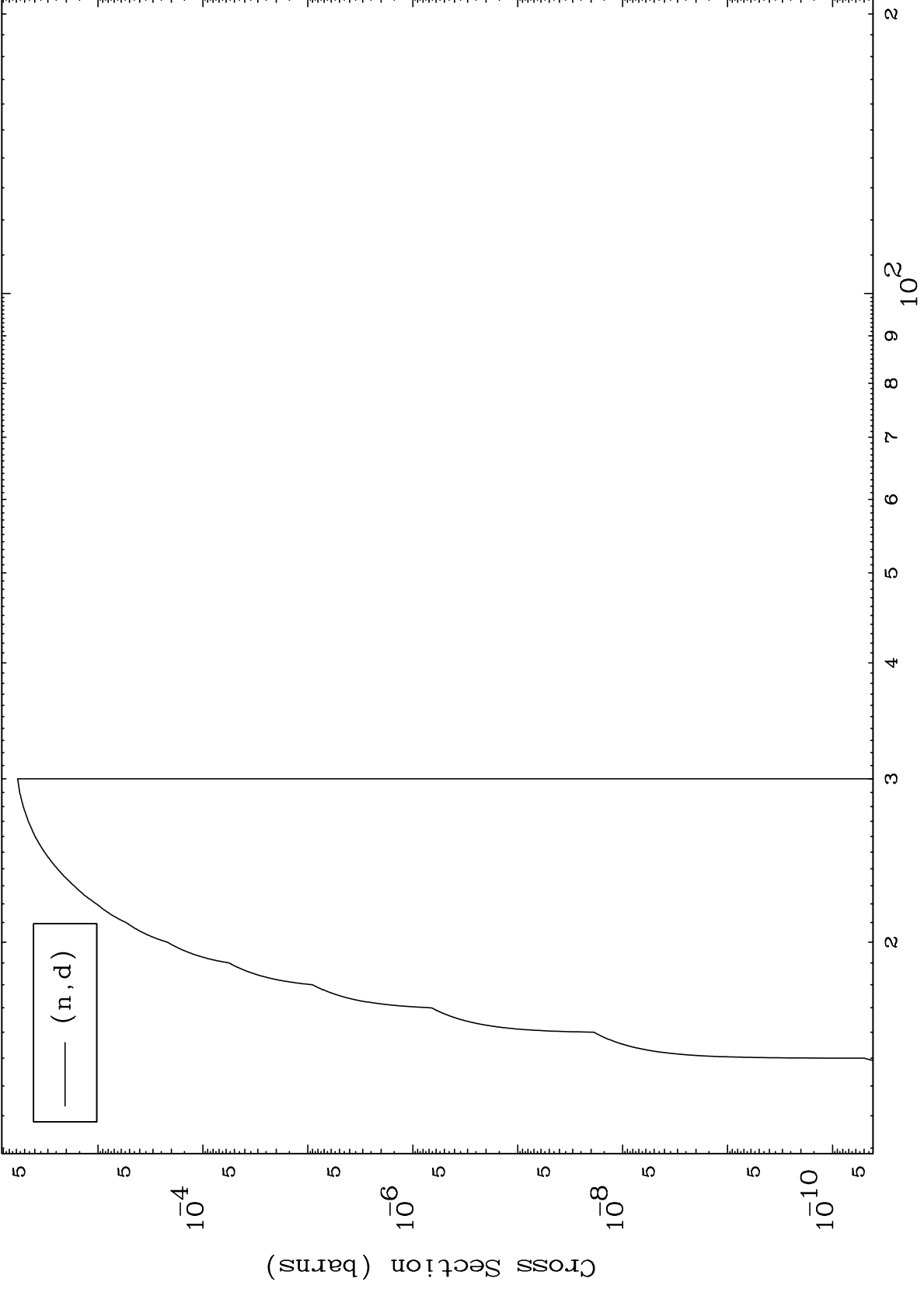
(n,p) Levels
293 Kelvin Cross Sections

48-Cd-124



Incident Energy (MeV)

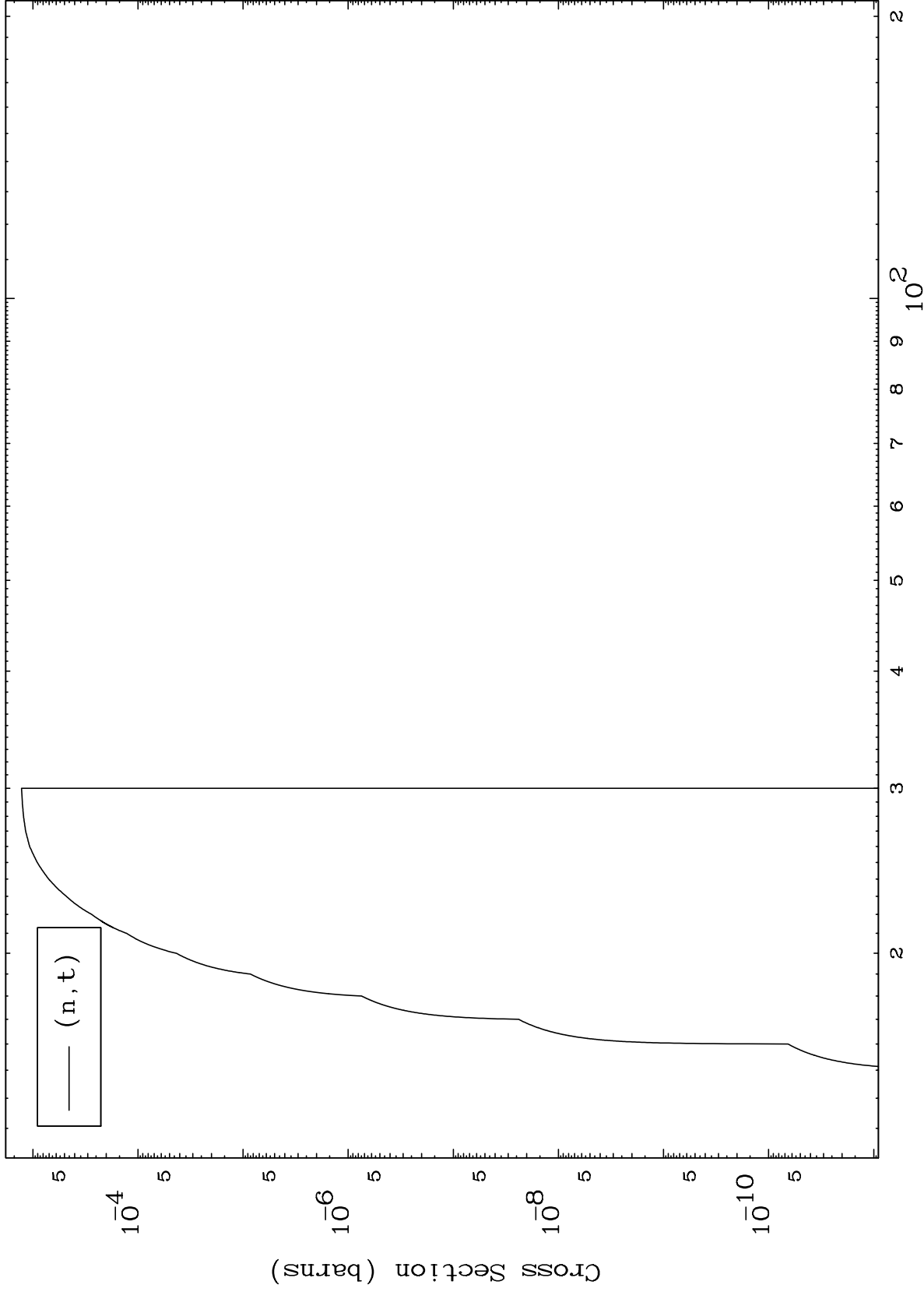
48-Cd-124



MAT 4879

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-124



10

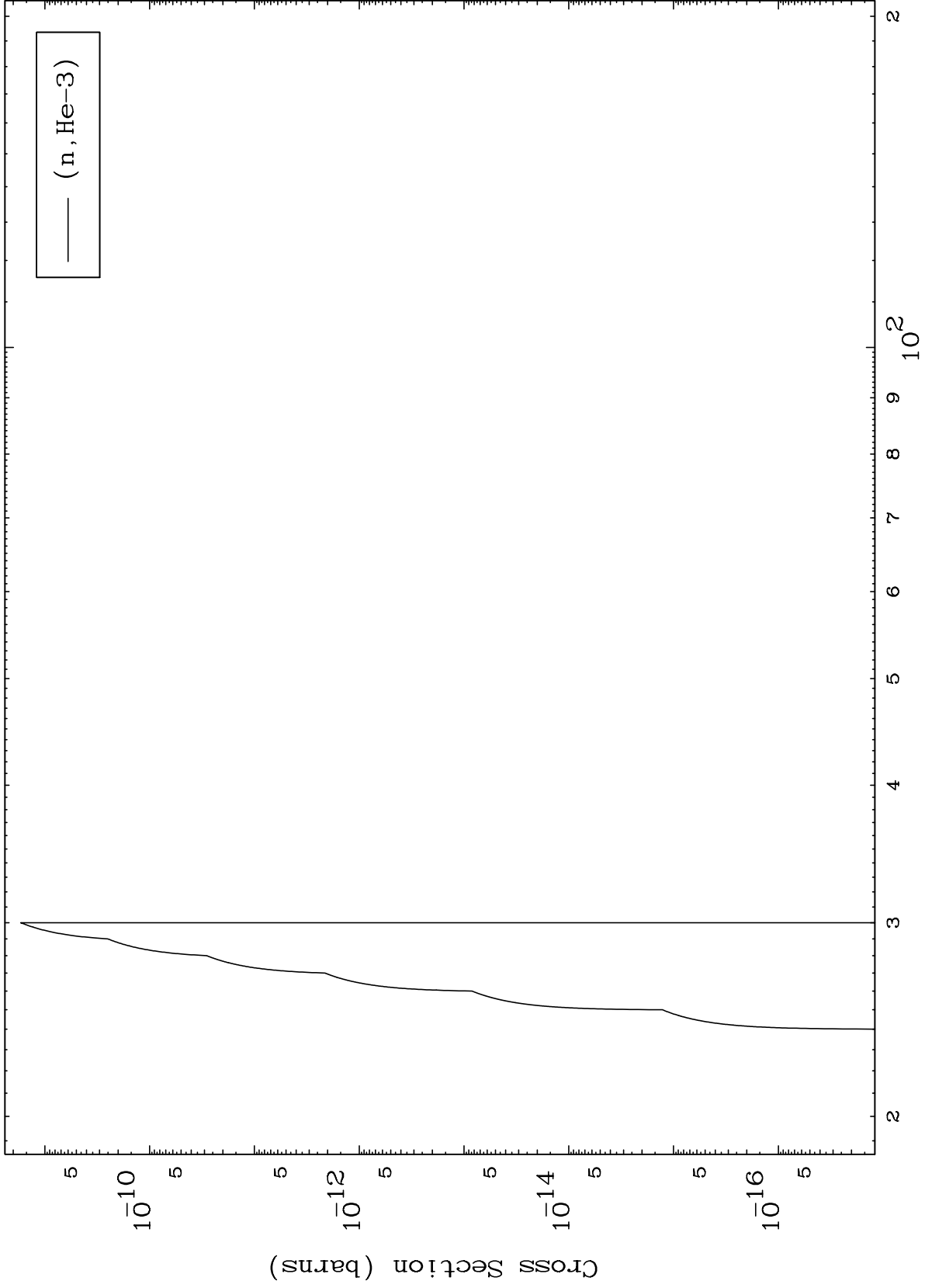
Incident Energy (MeV)

48-Cd-124

MAT 4879

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-124



11

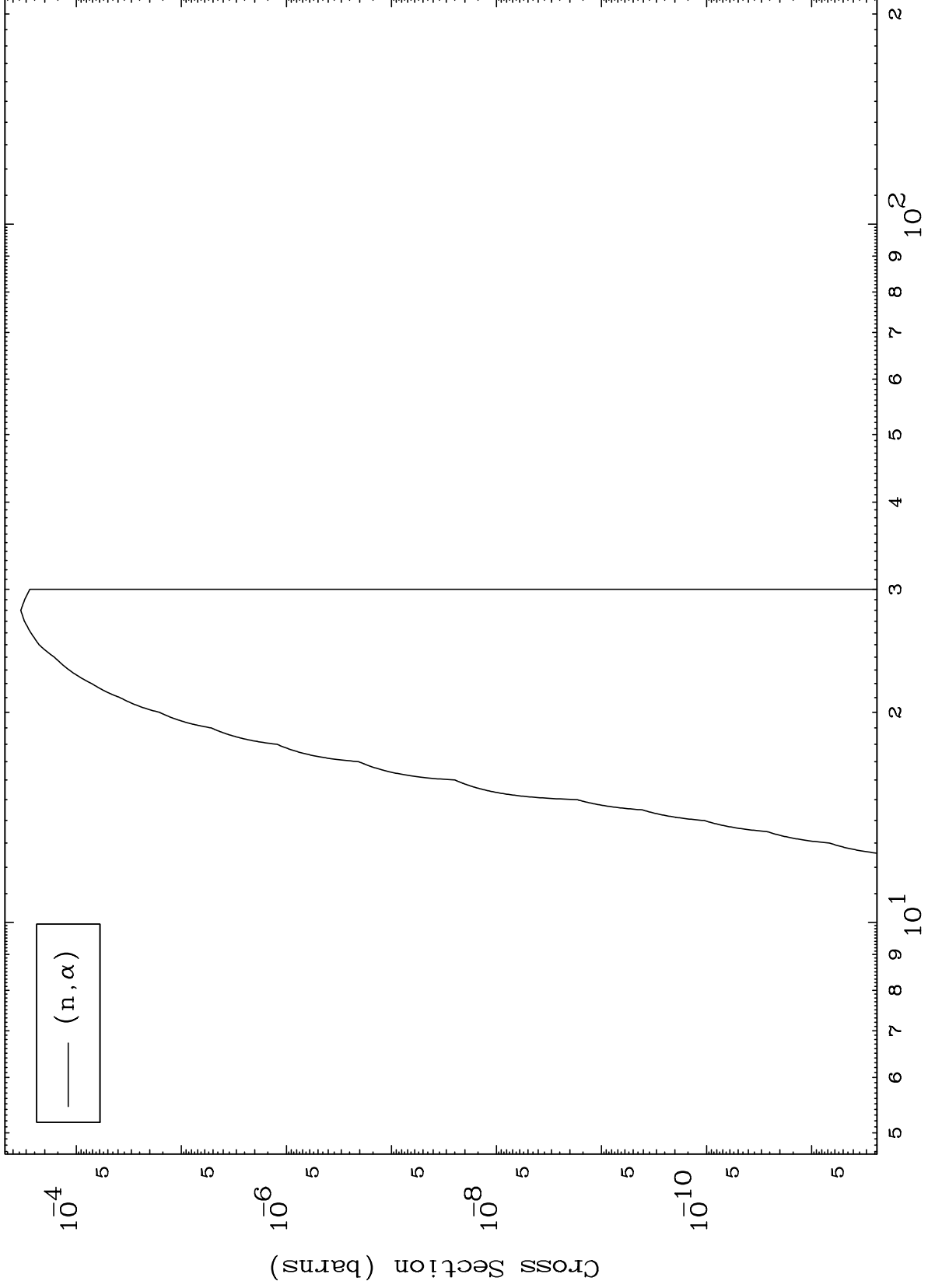
Incident Energy (MeV)

48-Cd-124

MAT 4879

(n,α) Levels
293 Kelvin Cross Sections

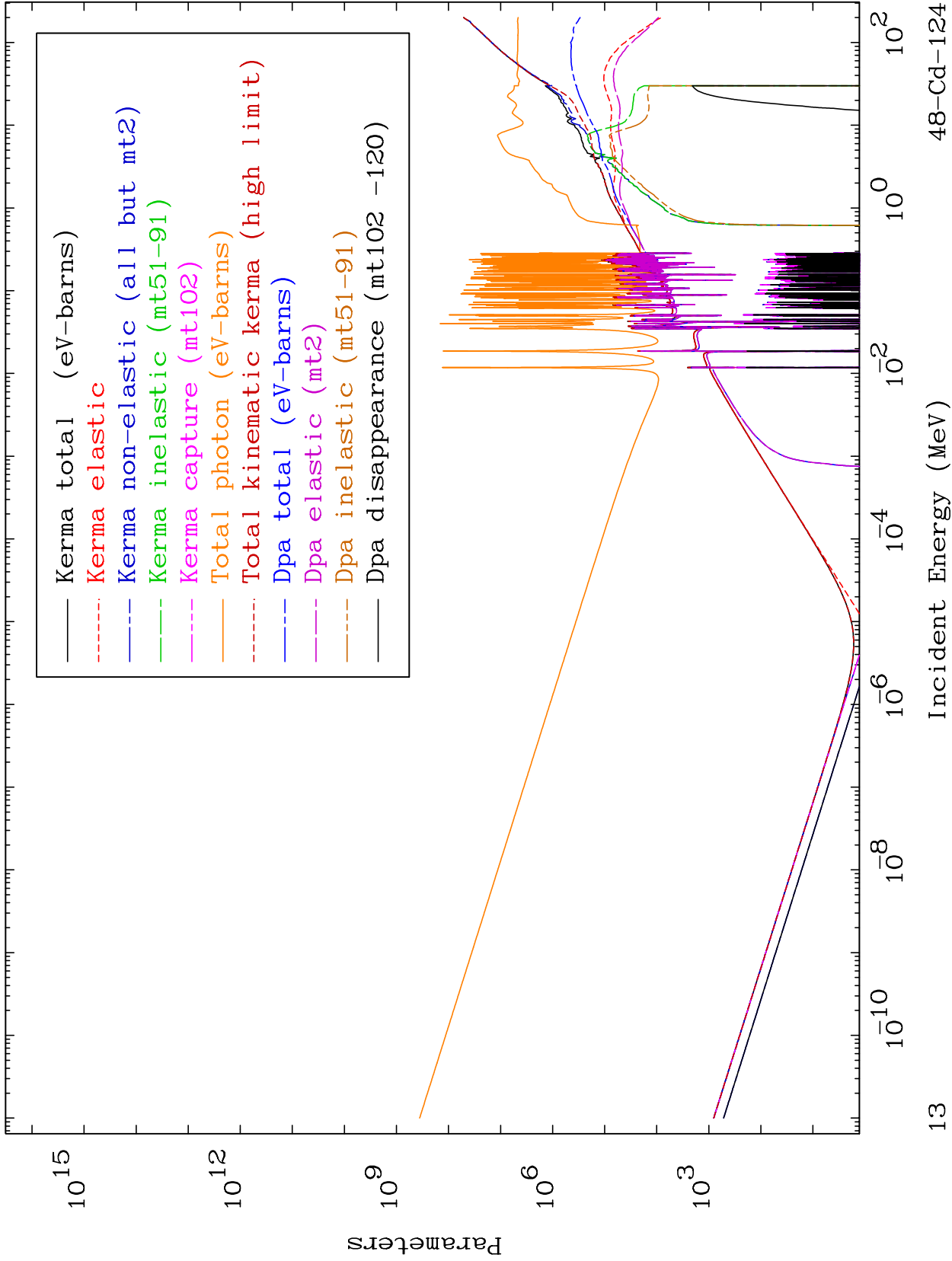
48-Cd-124



12

Incident Energy (MeV)

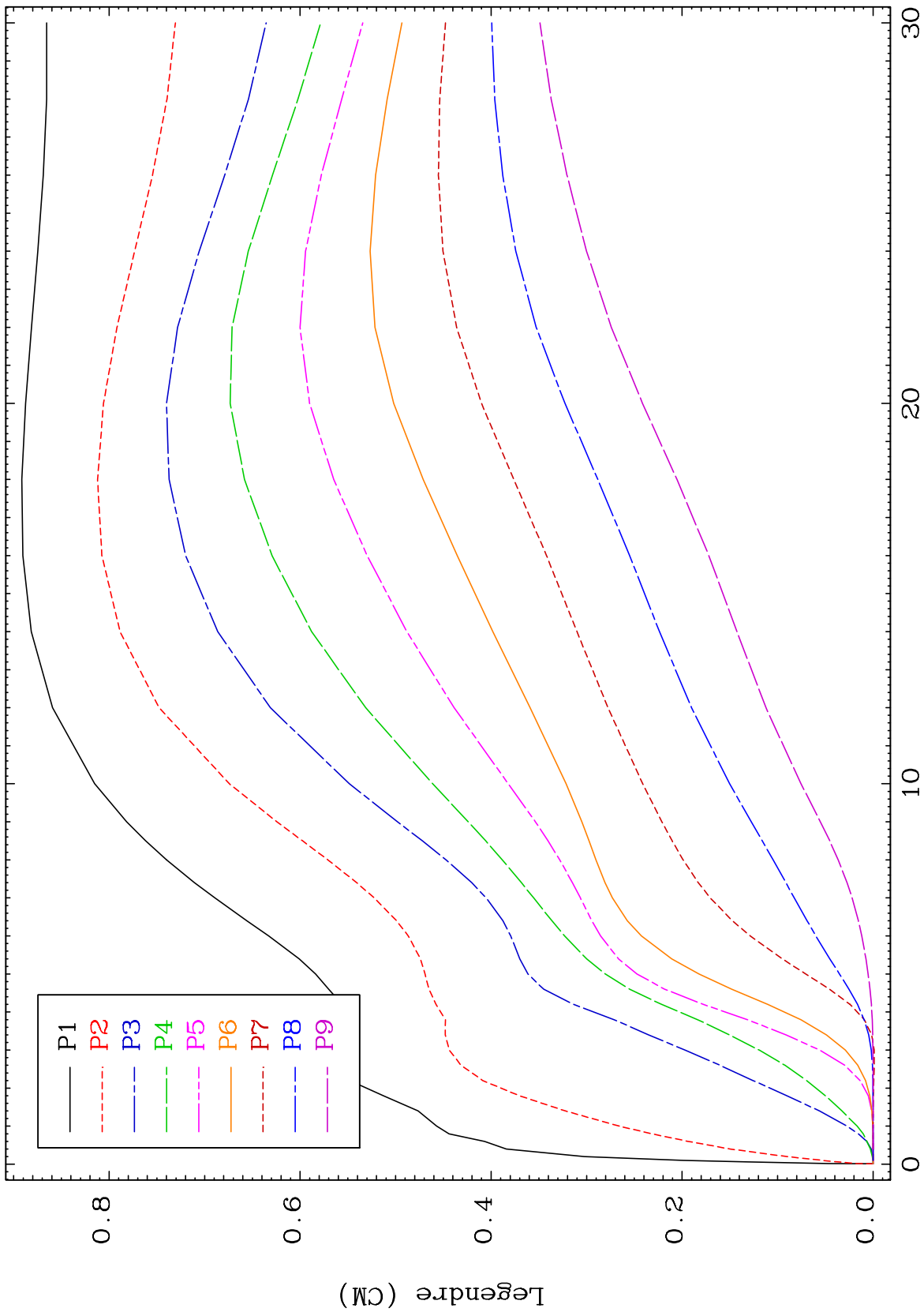
48-Cd-124



MAT 4879

Elastic Legendre Coefficients

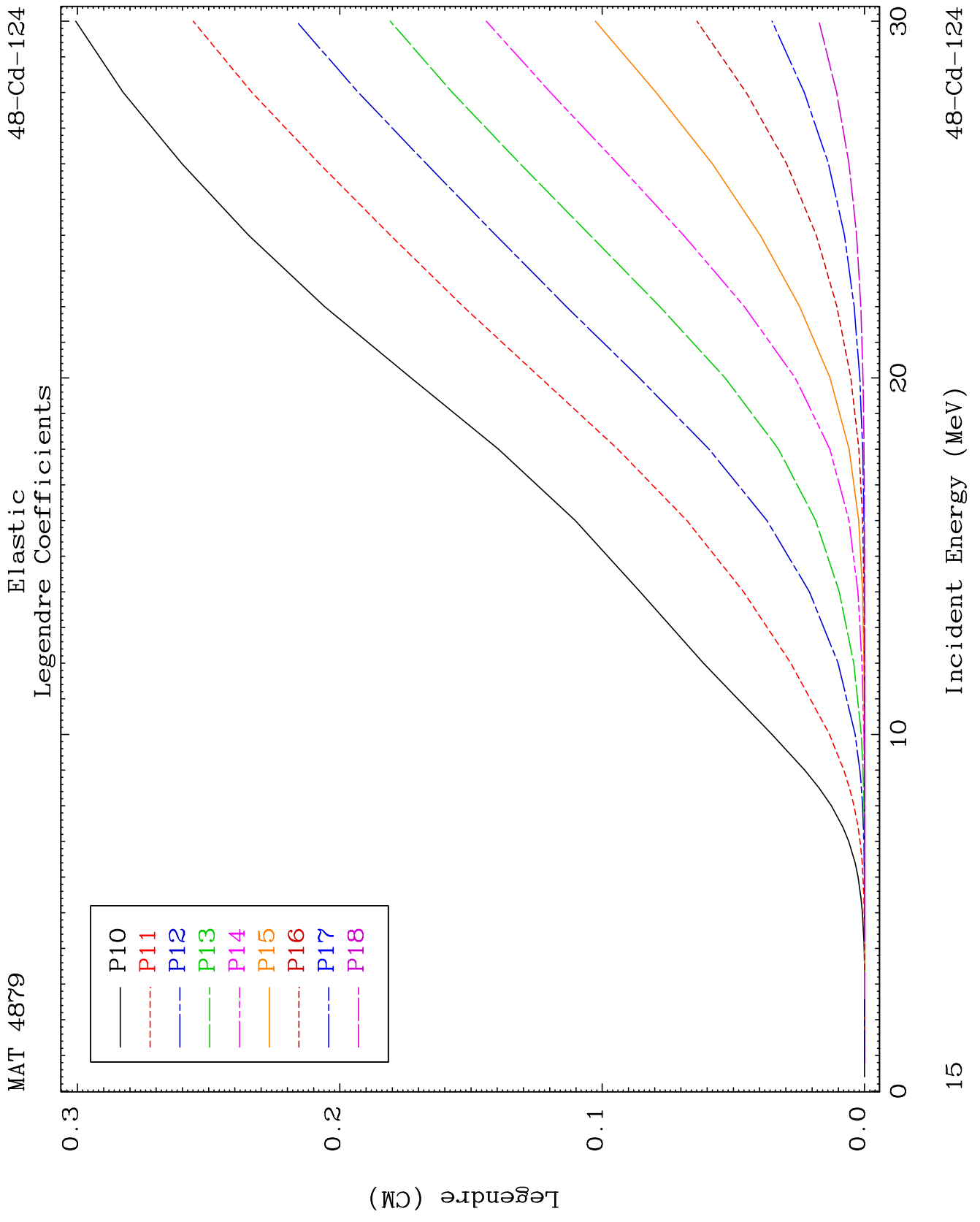
48-Cd-124



14

Incident Energy (MeV)

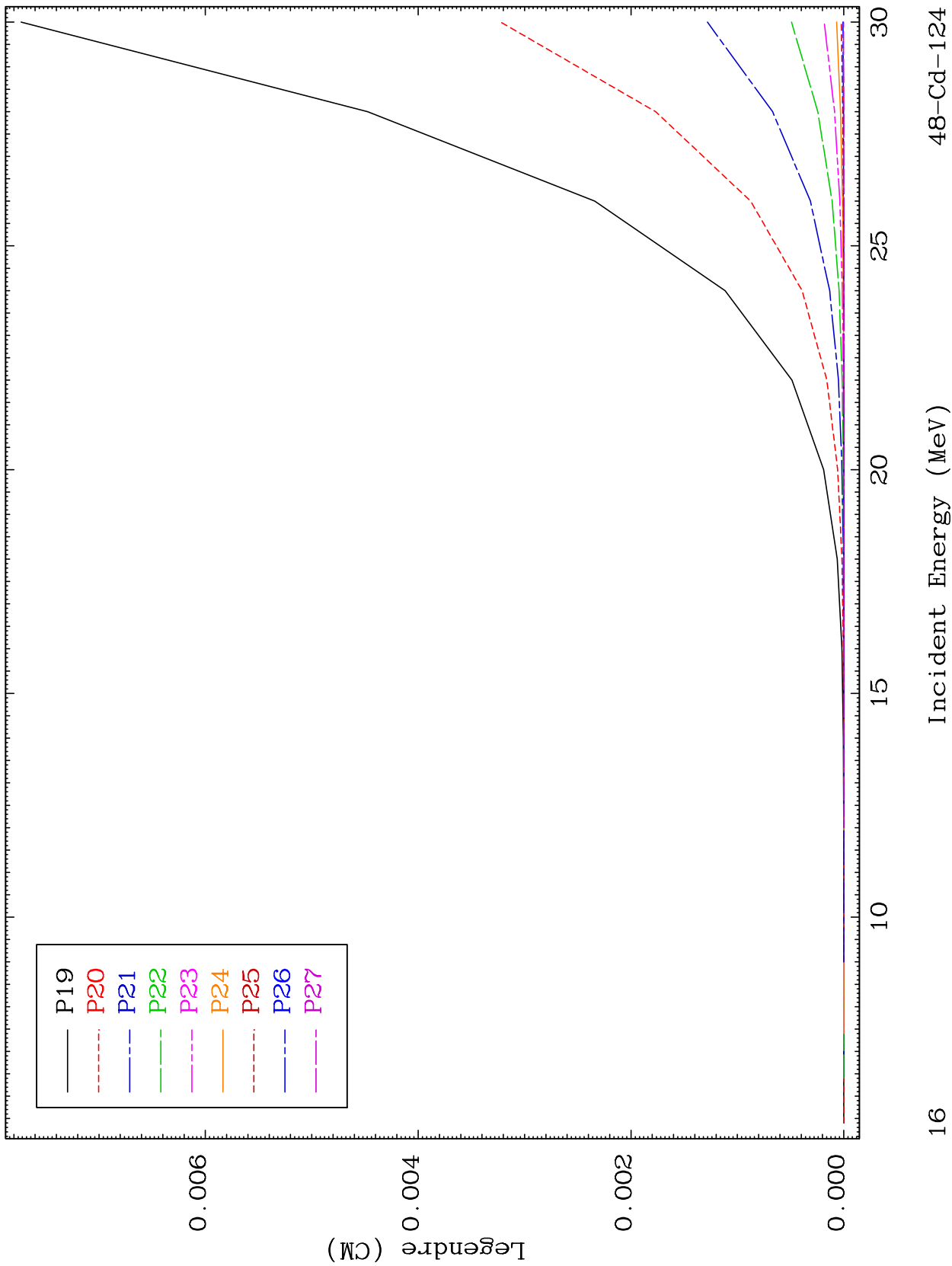
48-Cd-124



MAT 4879

Elastic Legendre Coefficients

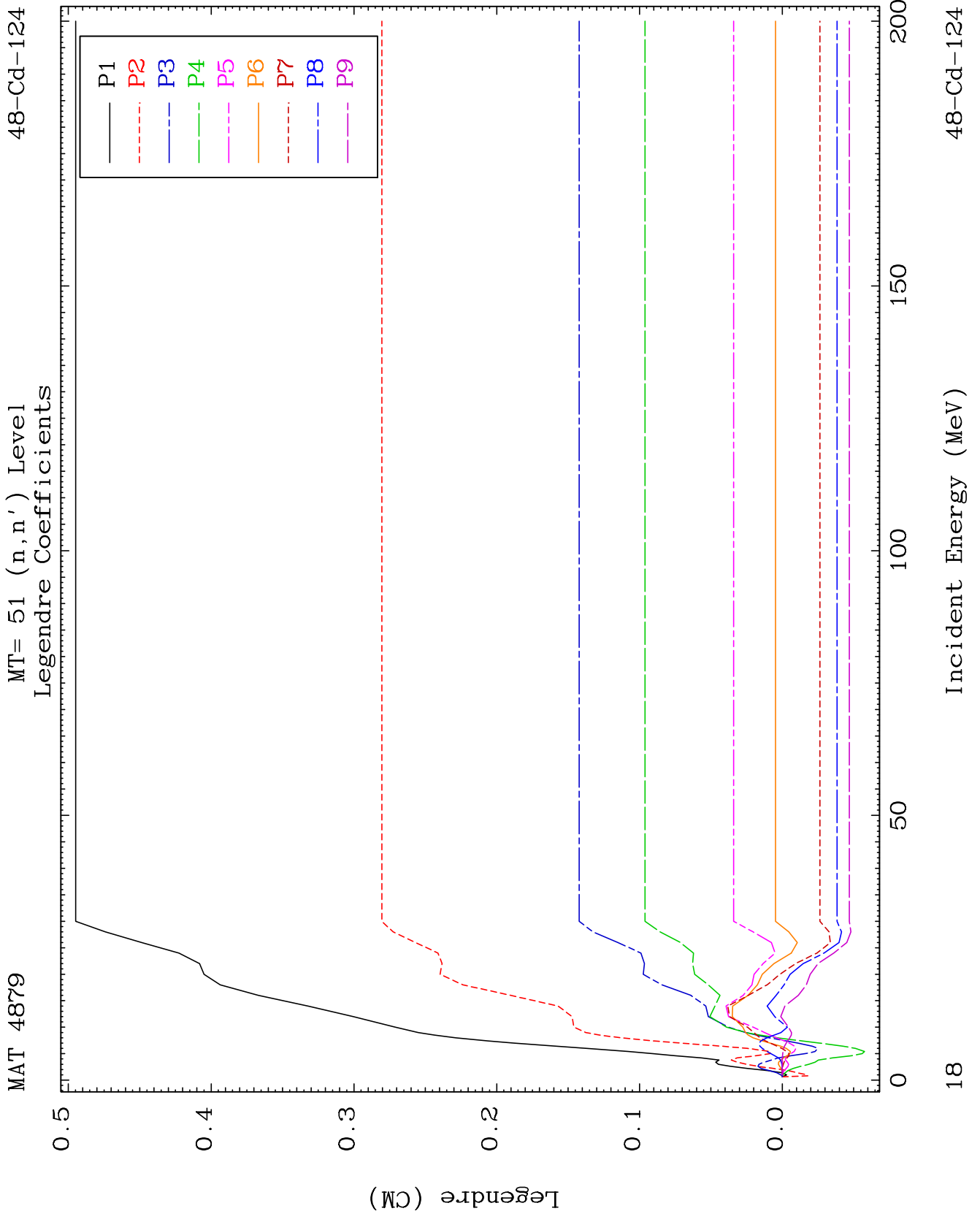
48-Cd-124



16

Incident Energy (MeV)

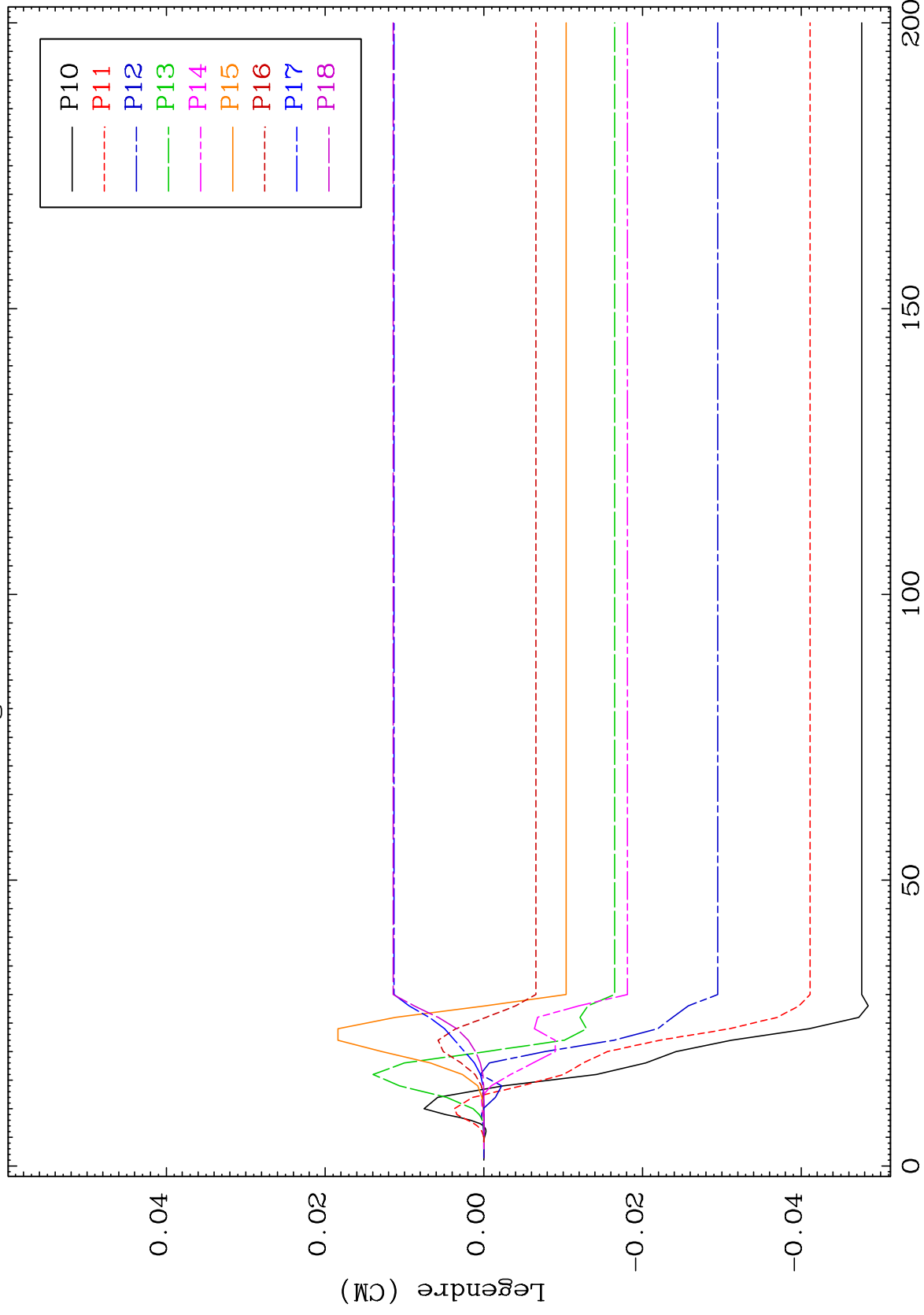
48-Cd-124



MAT 4879

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

48-Cd-124



19

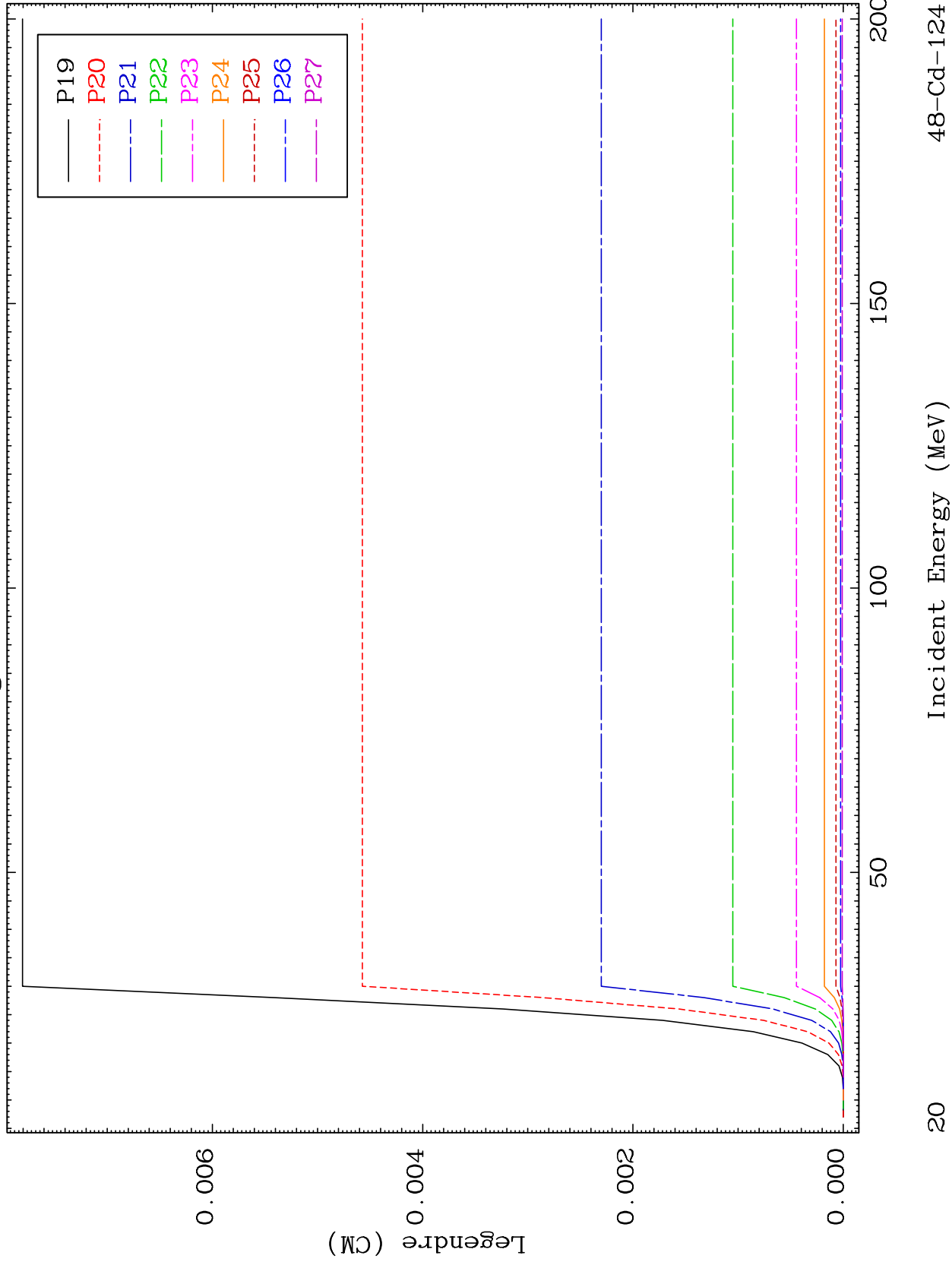
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



20

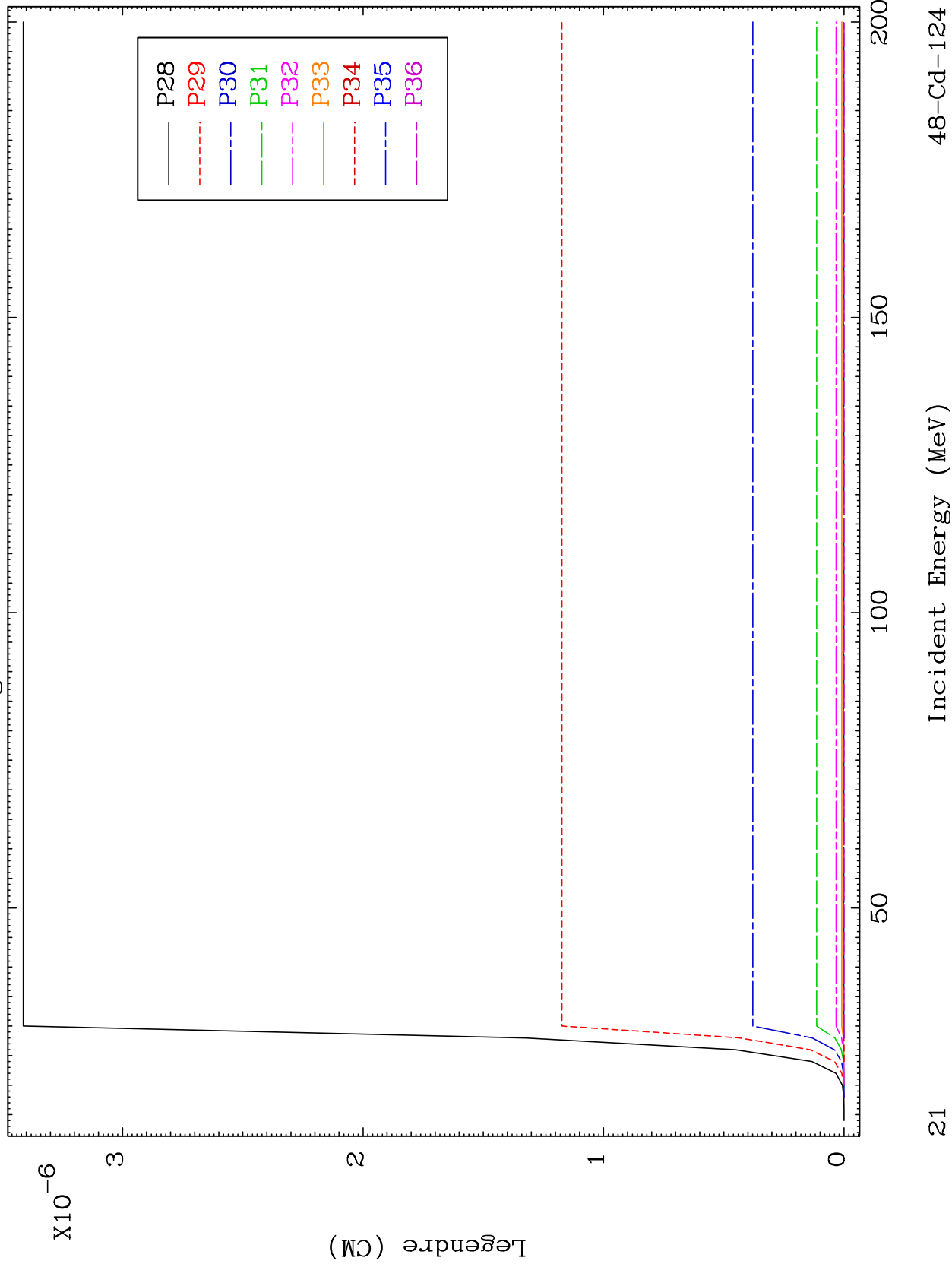
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



21

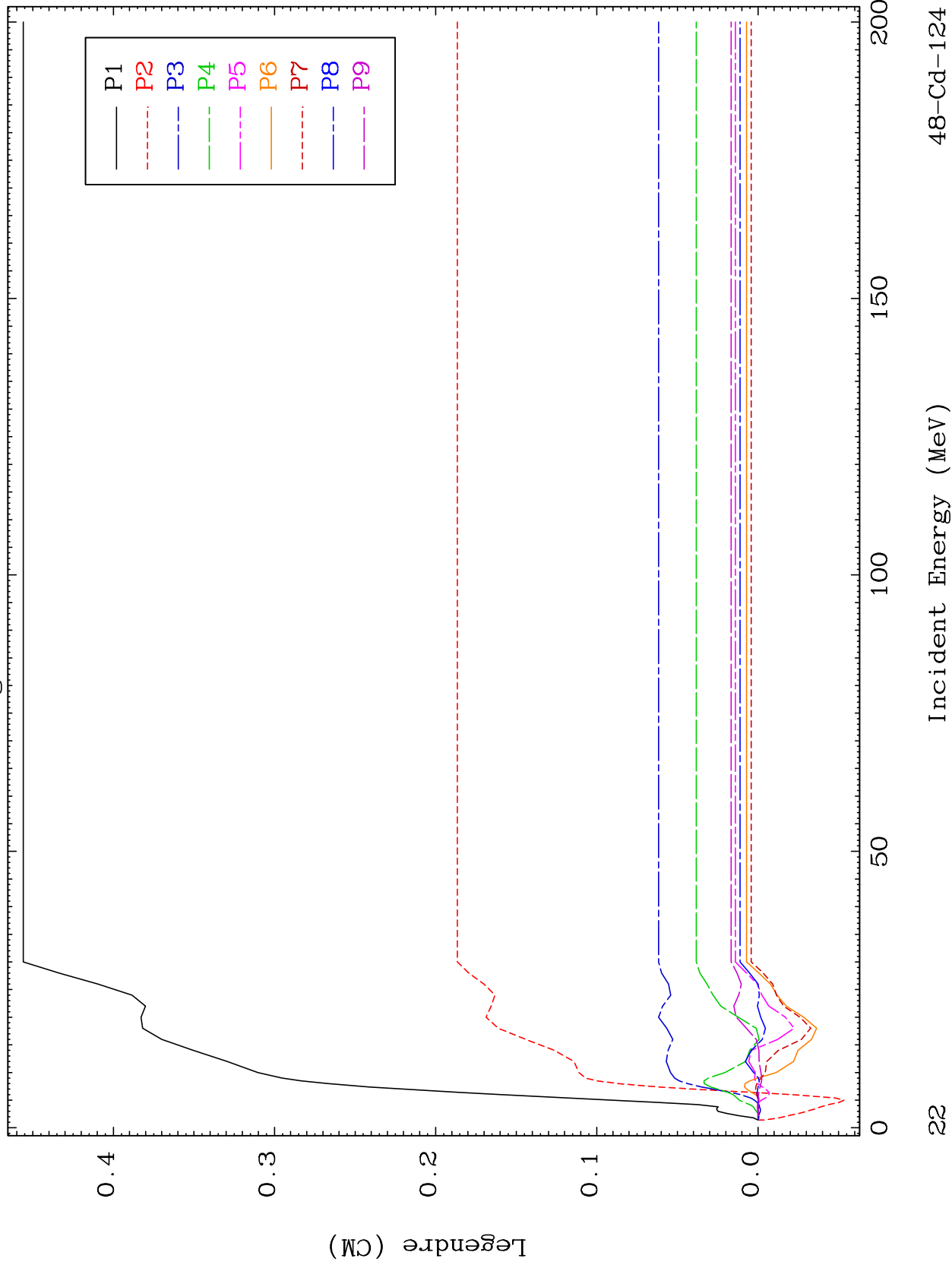
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



48-Cd-124

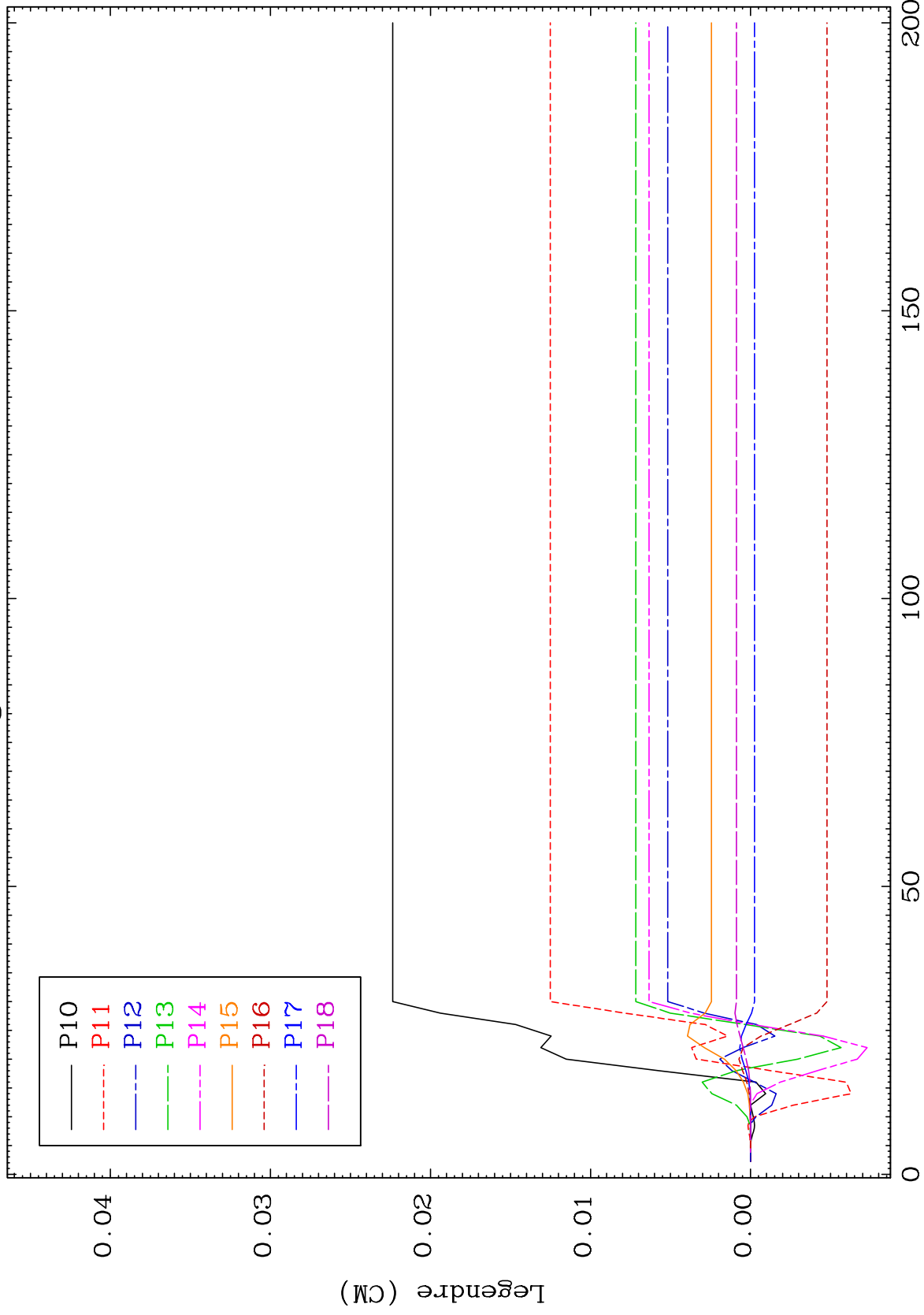
Incident Energy (MeV)

22

MAT 4879

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

48-Cd-124



23

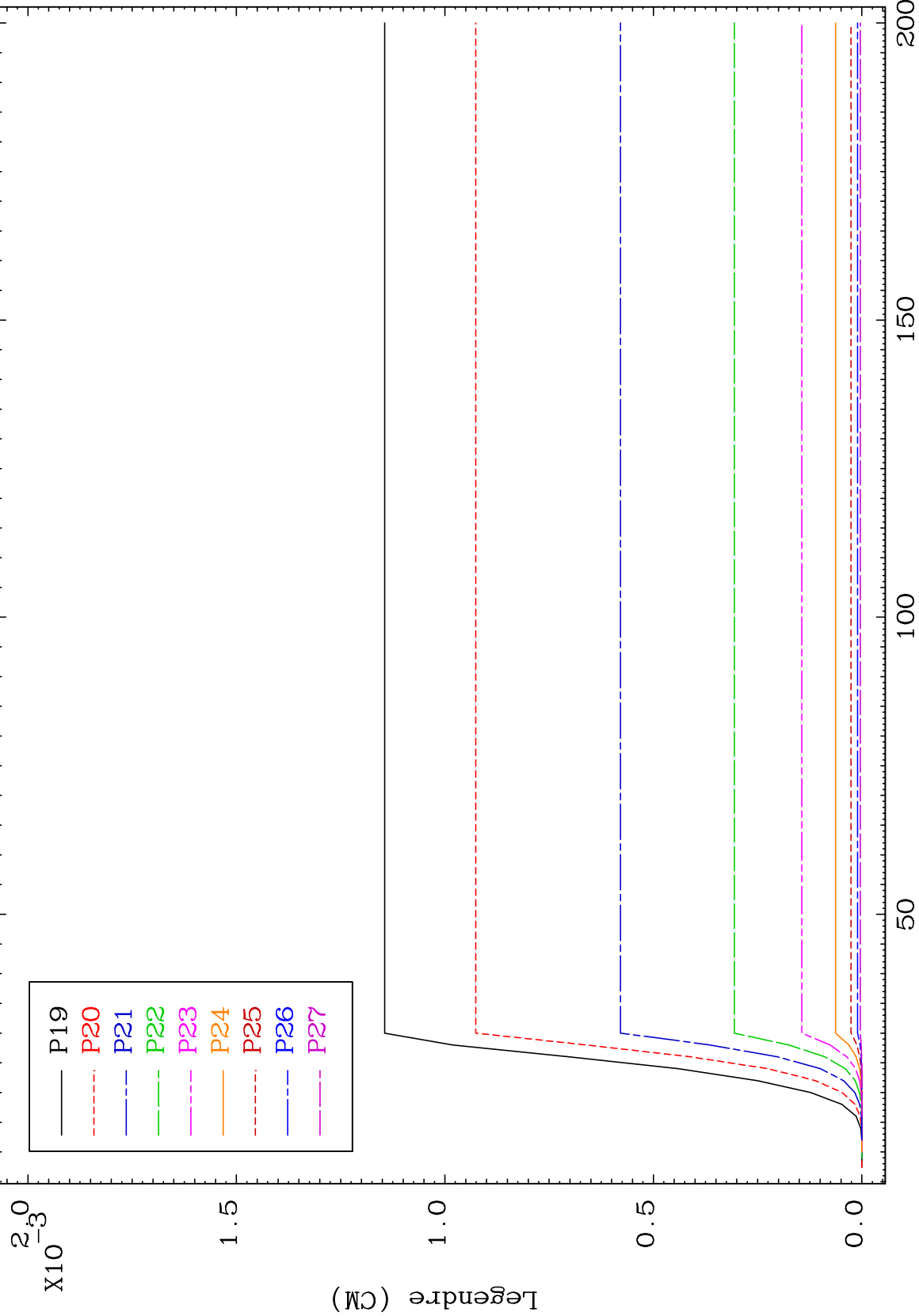
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



24

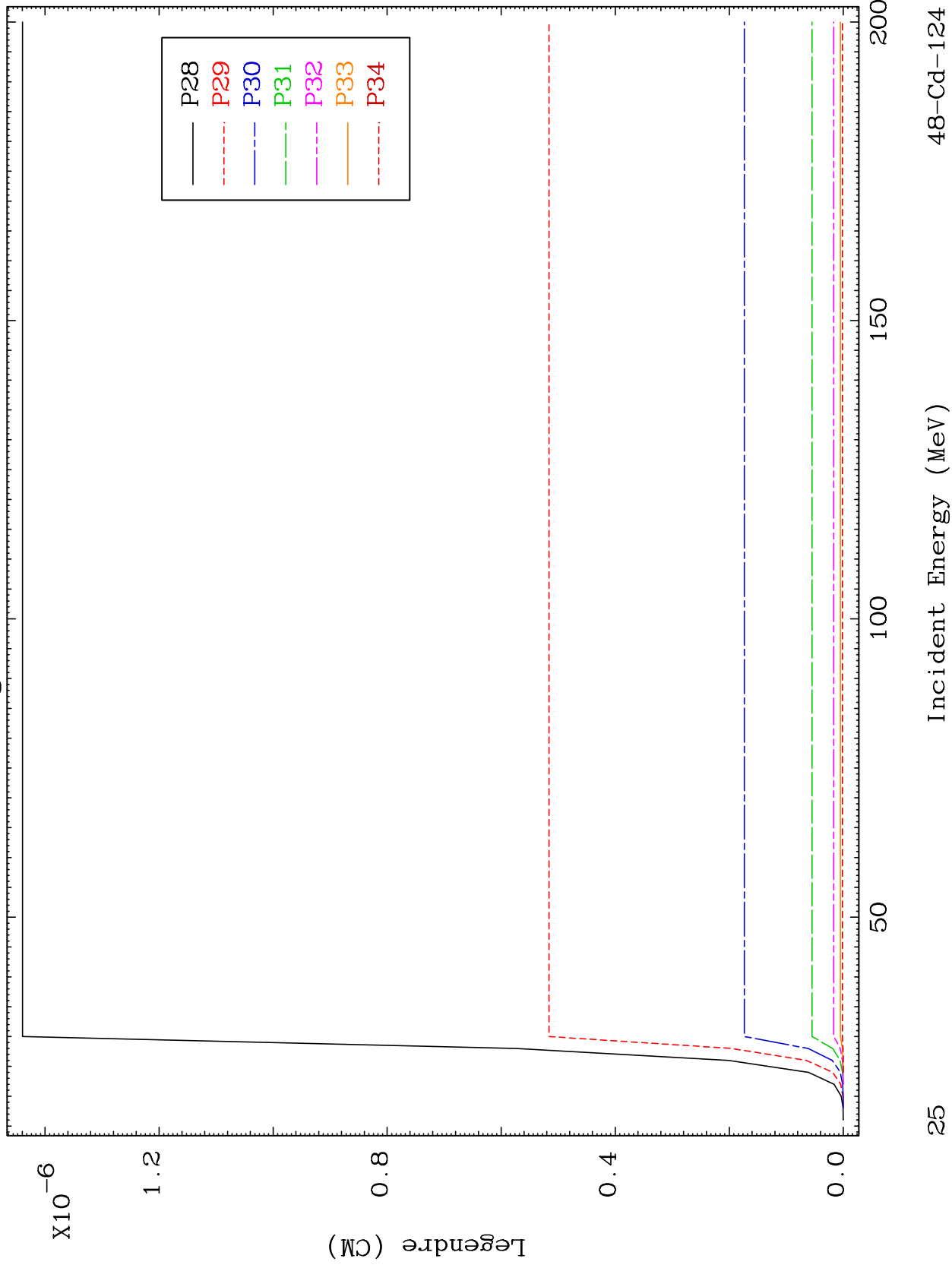
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

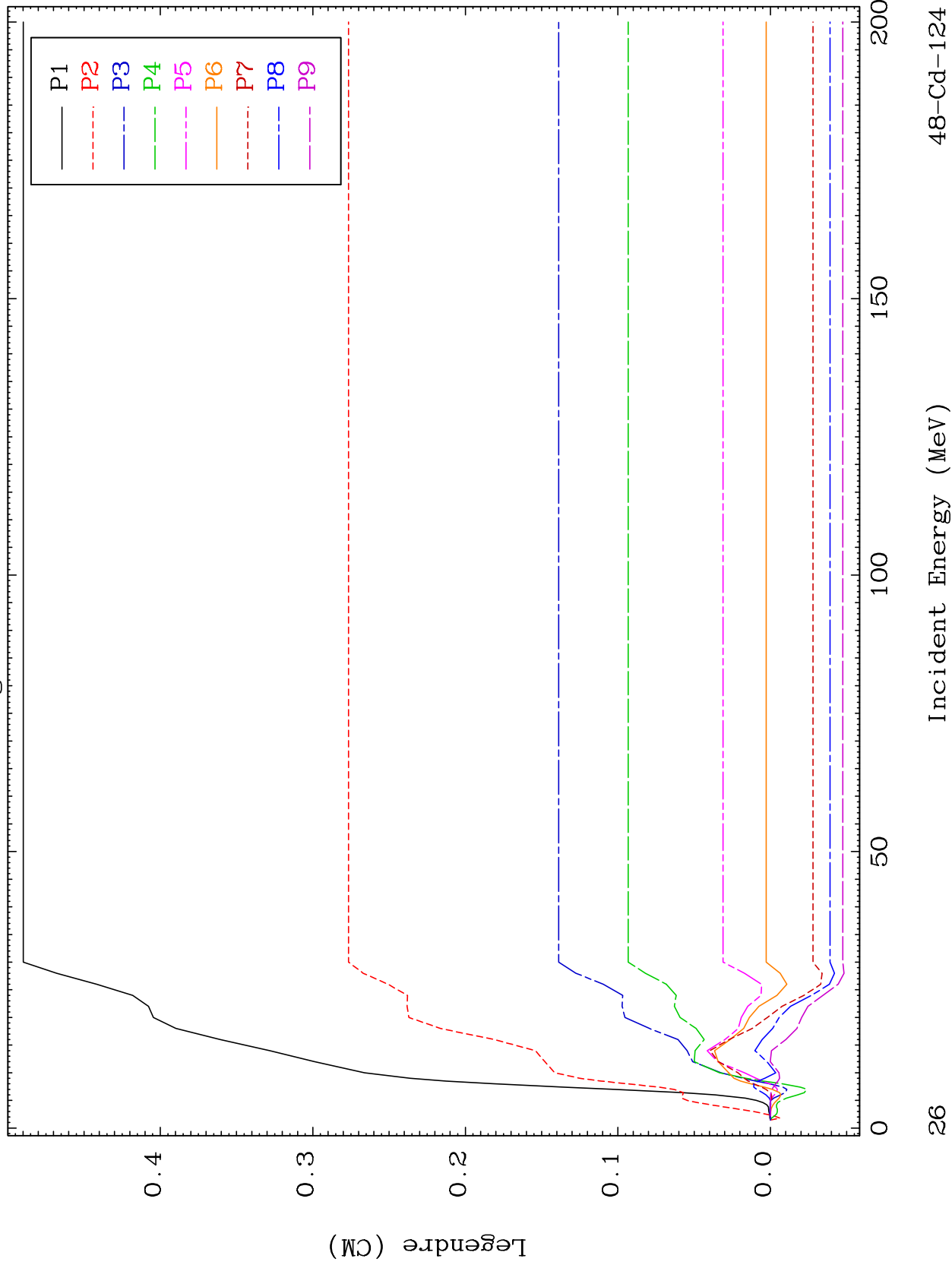
48-Cd-124



MAT 4879

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

48-Cd-124



48-Cd-124

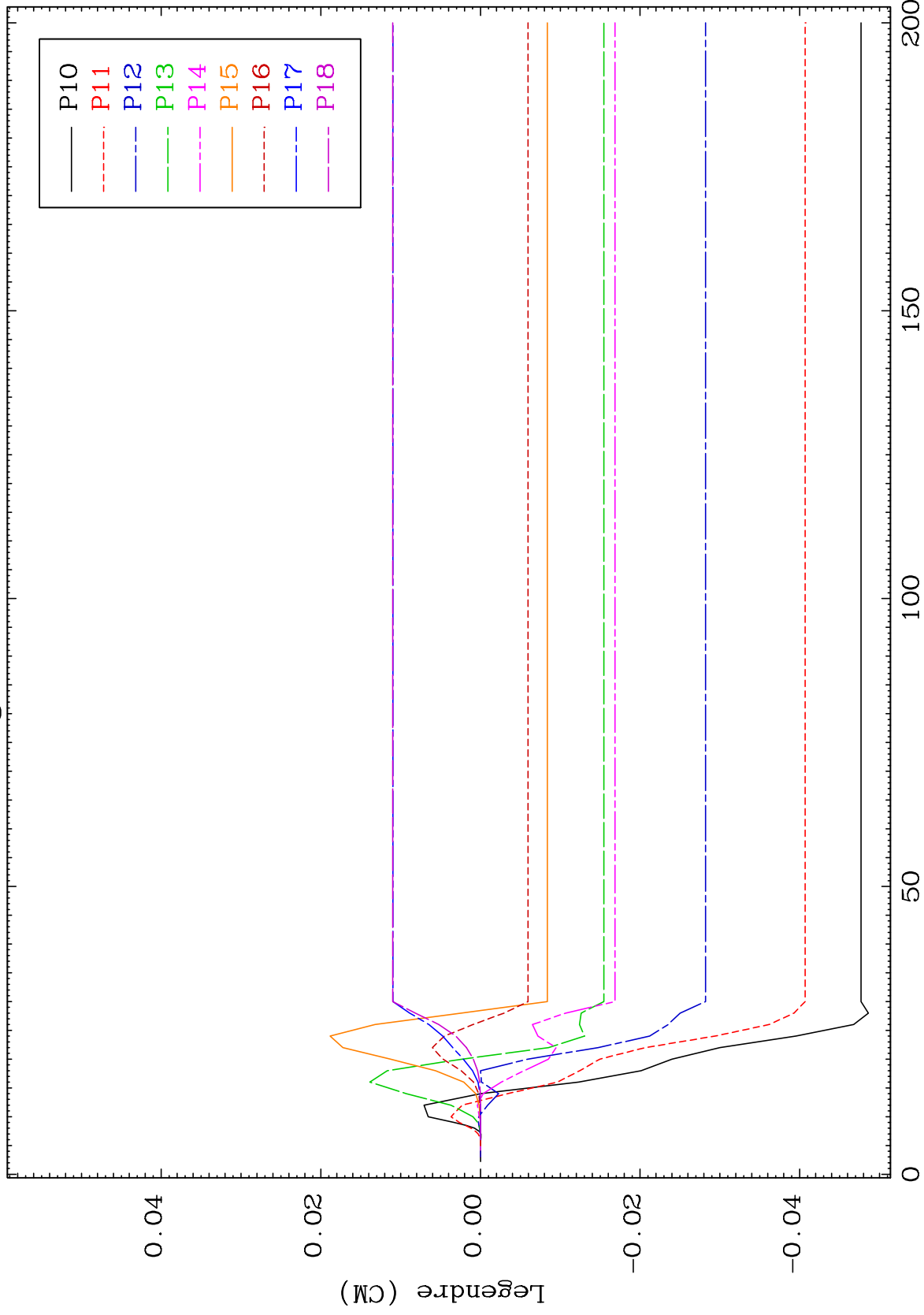
Incident Energy (MeV)

26

MAT 4879

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

48-Cd-124



27

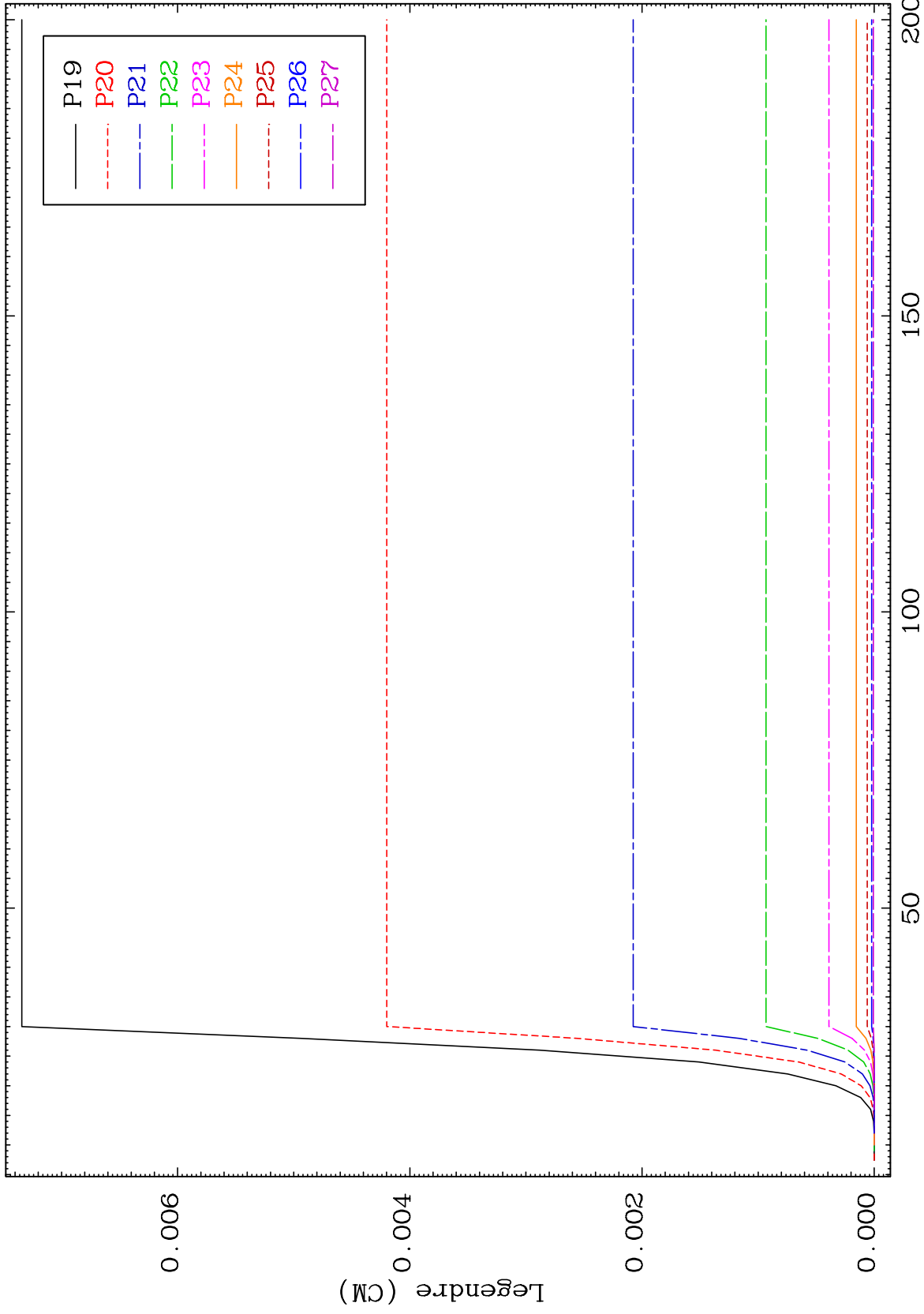
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



28

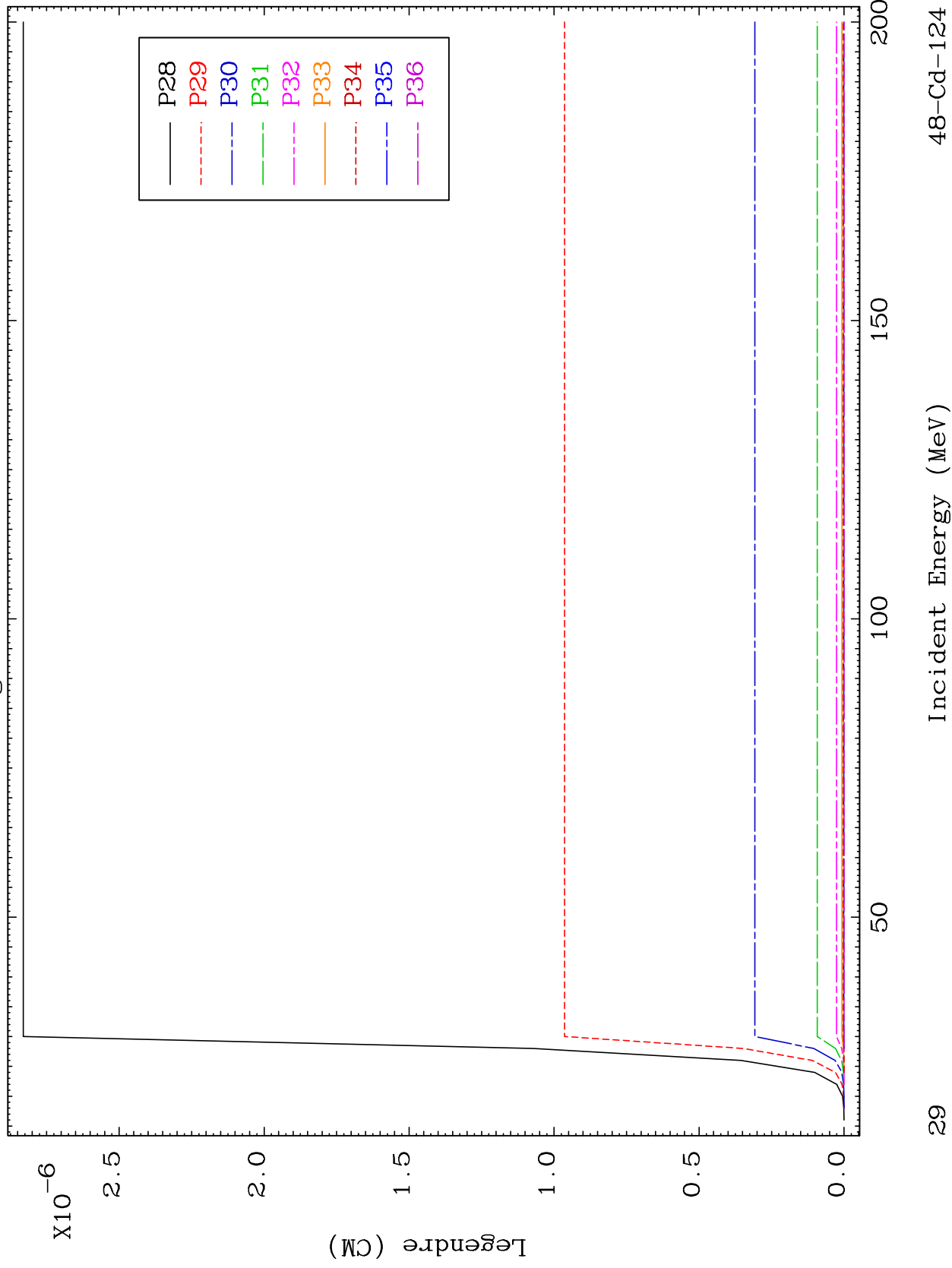
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124

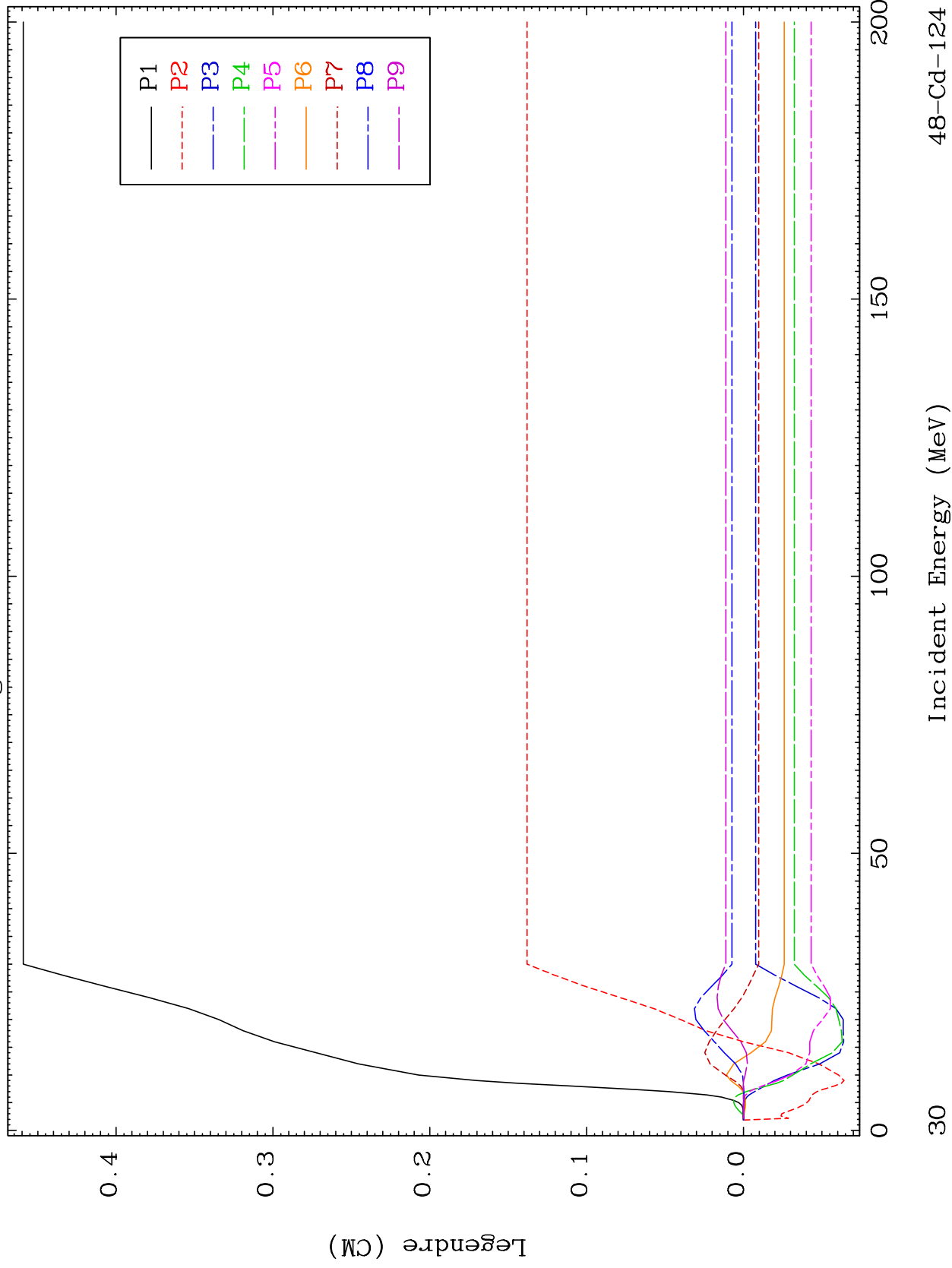


29

MAT 4879

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

48-Cd-124



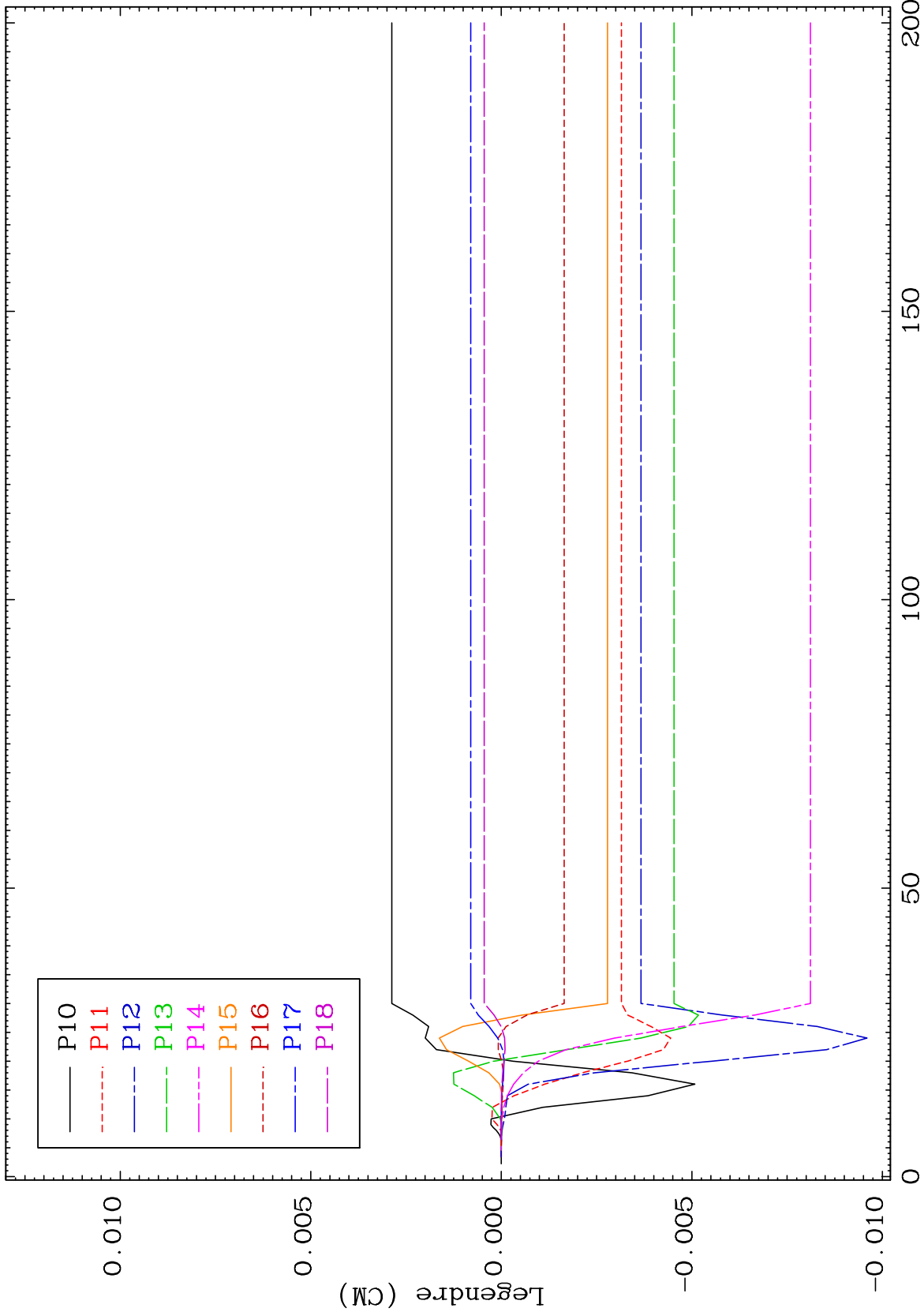
48-Cd-124

Incident Energy (MeV)

MAT 4879

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

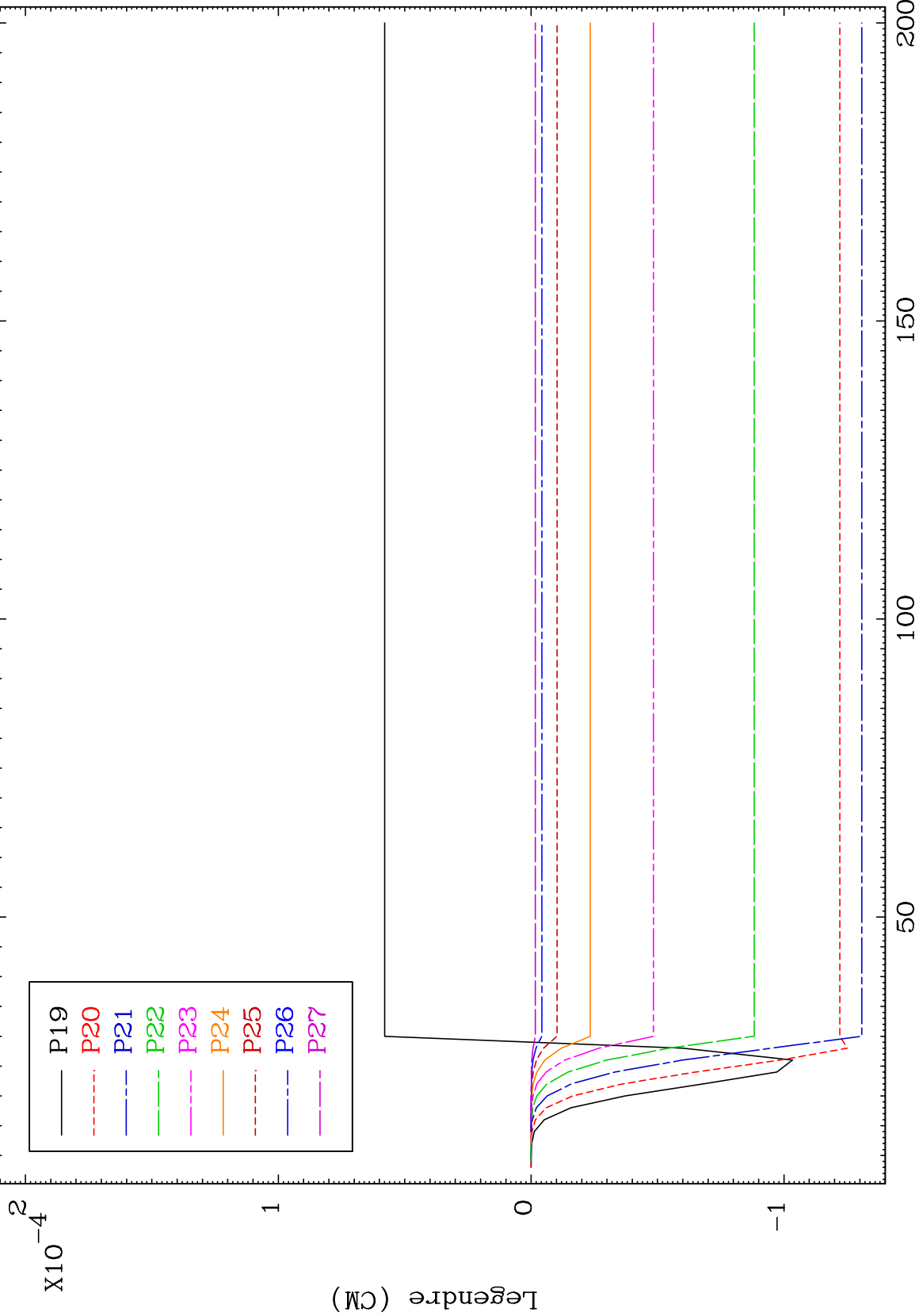
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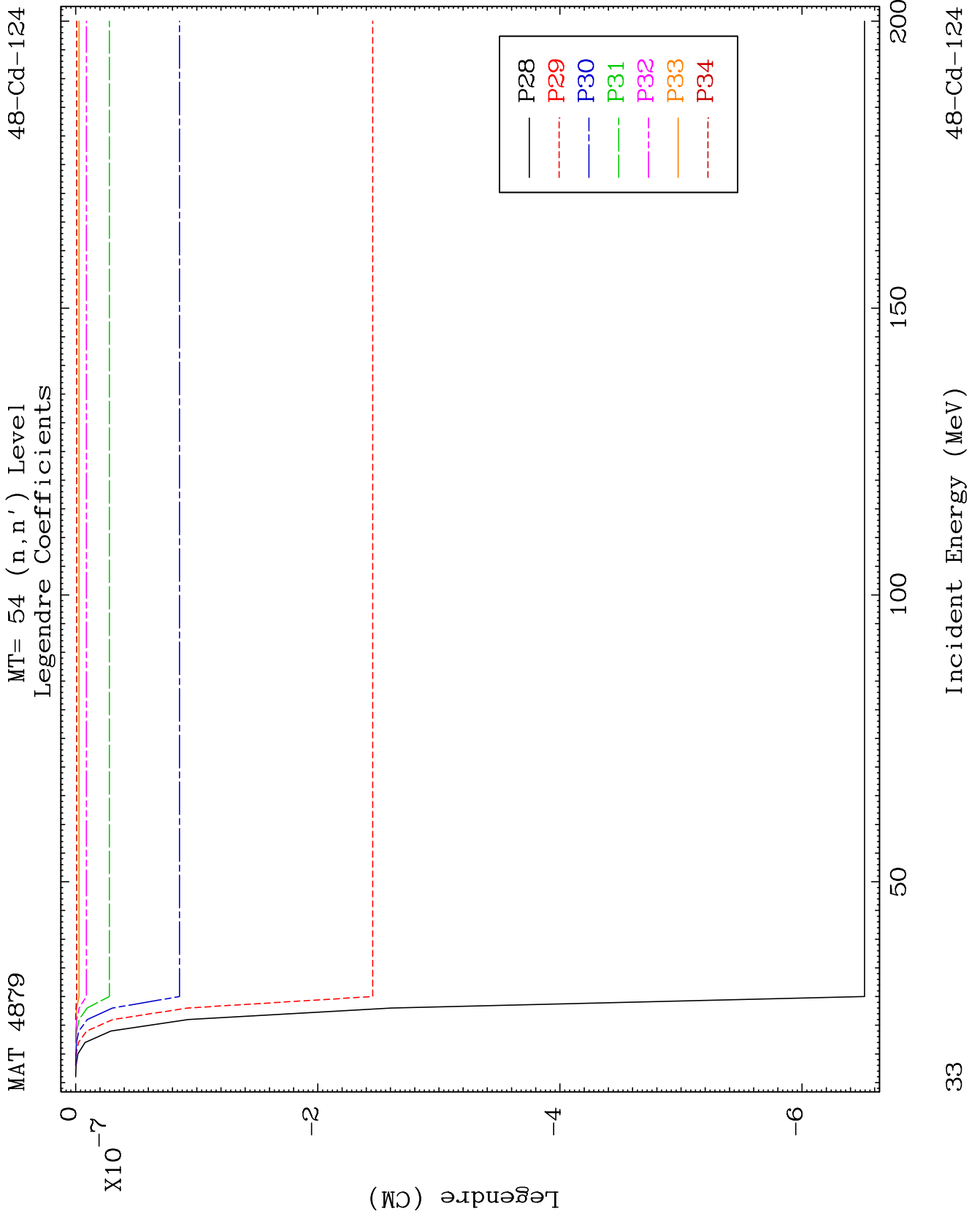


MAT 4879

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

48-Cd-124

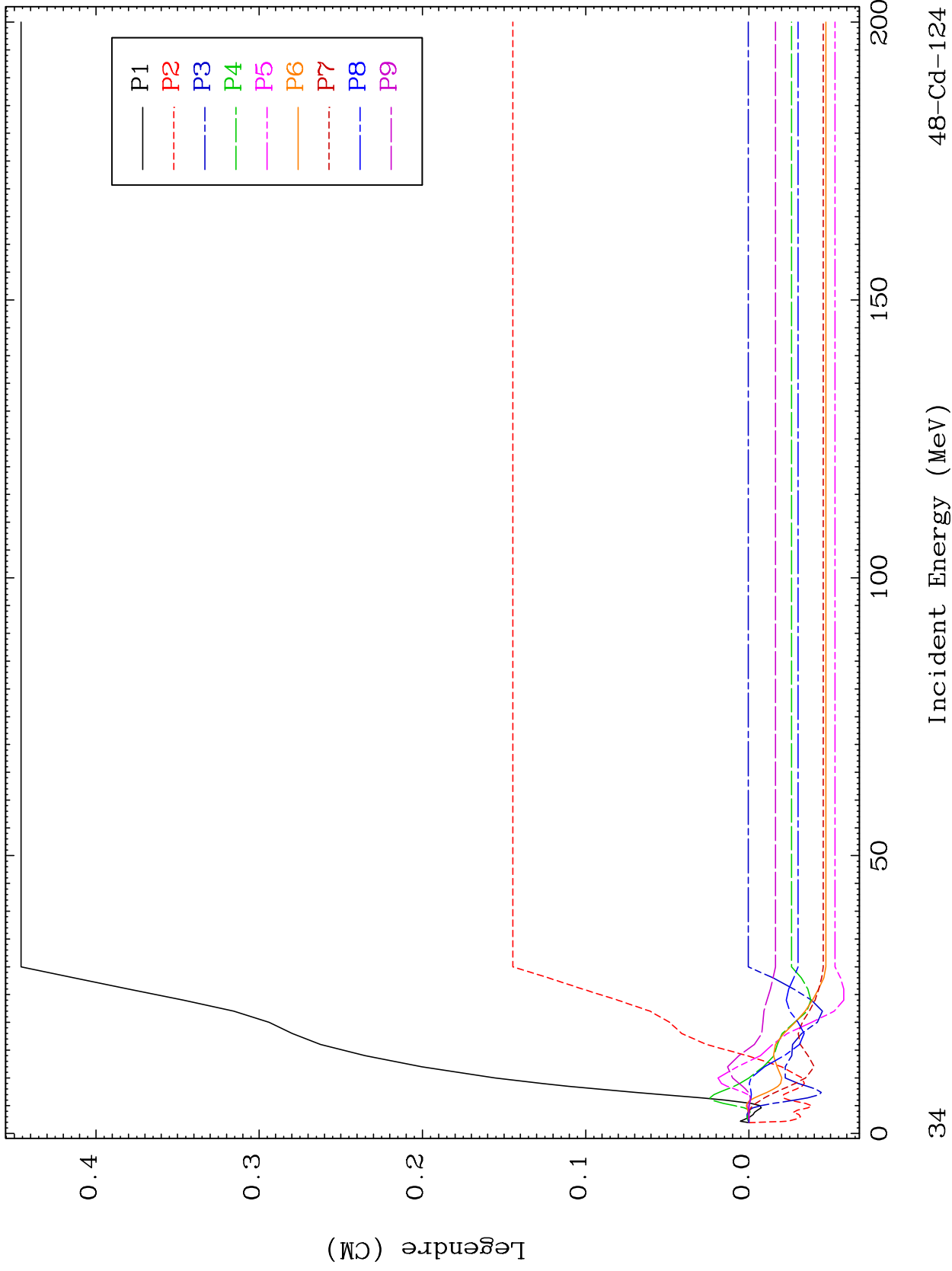




MAT 4879

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

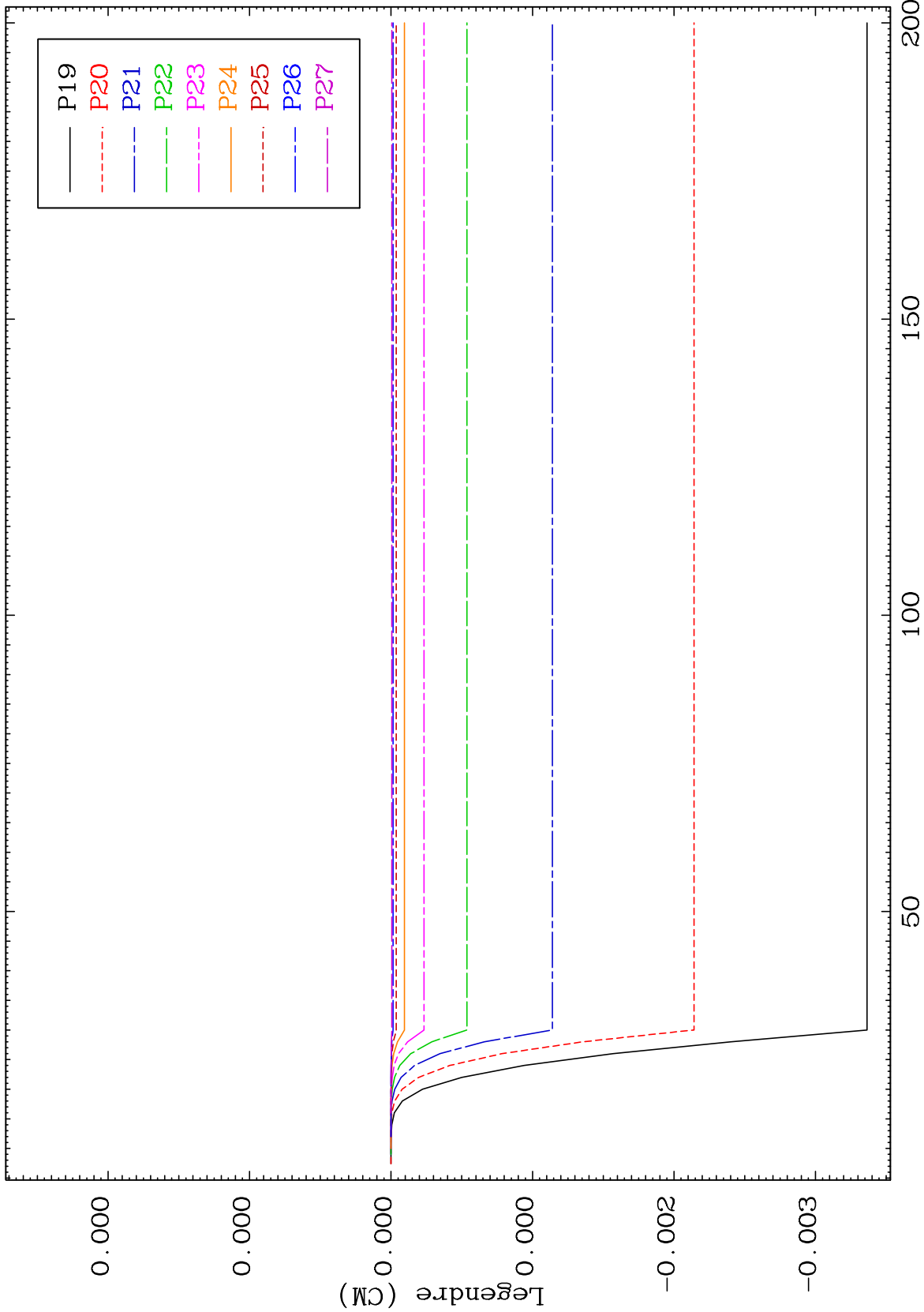
48-Cd-124

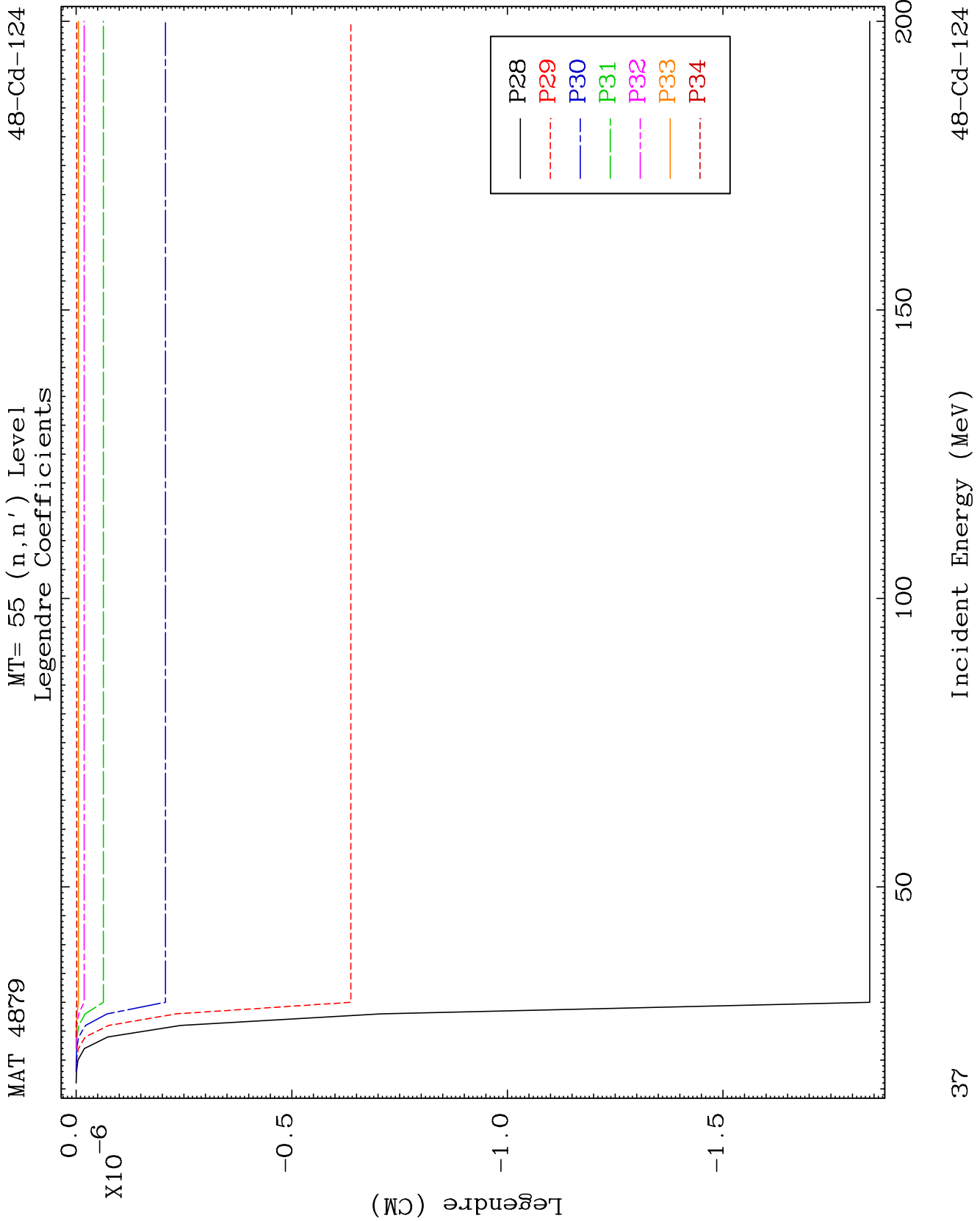


MAT 4879

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

48-Cd-124

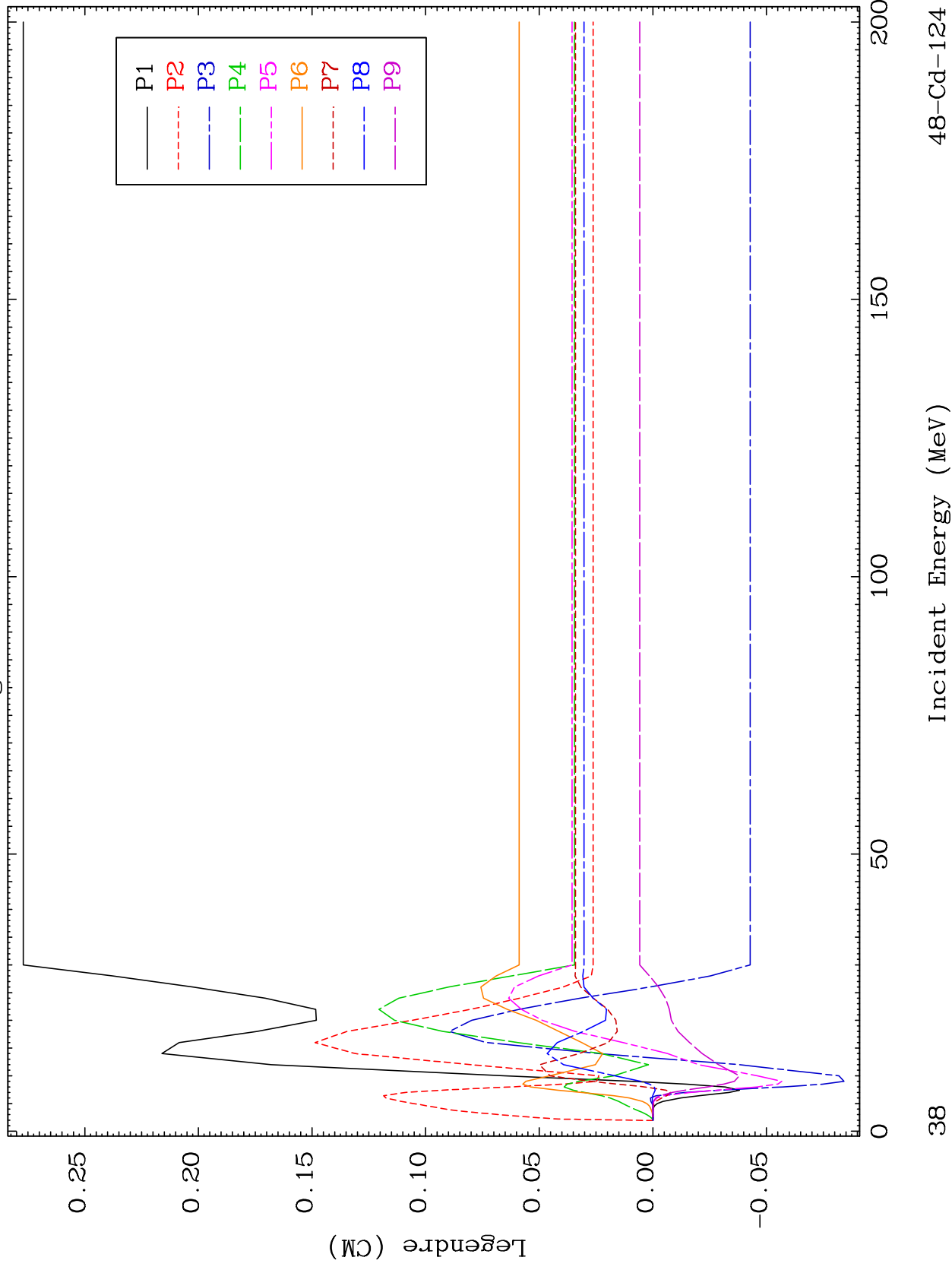




MAT 4879

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

48-Cd-124



48-Cd-124

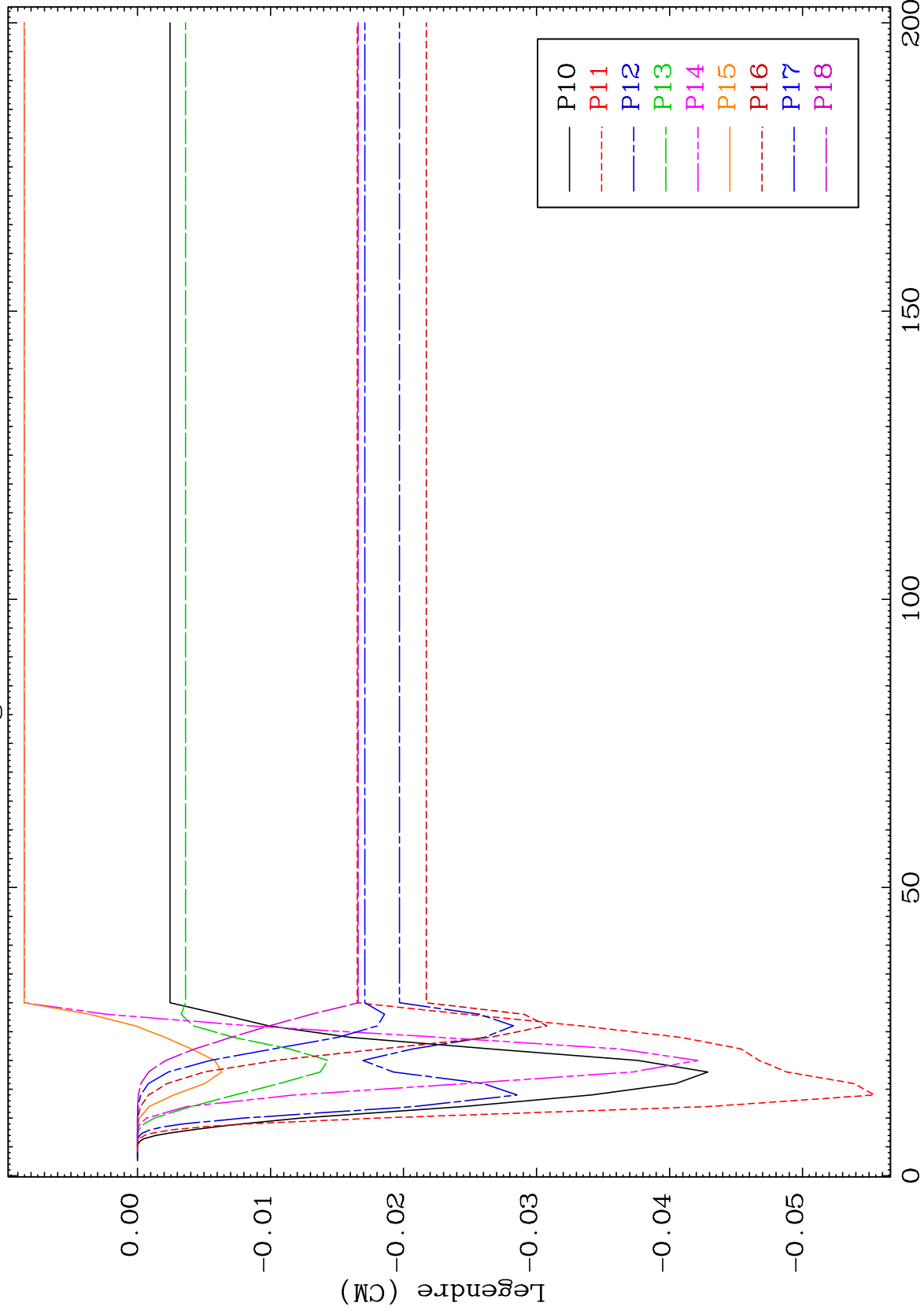
Incident Energy (MeV)

38

MAT 4879

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

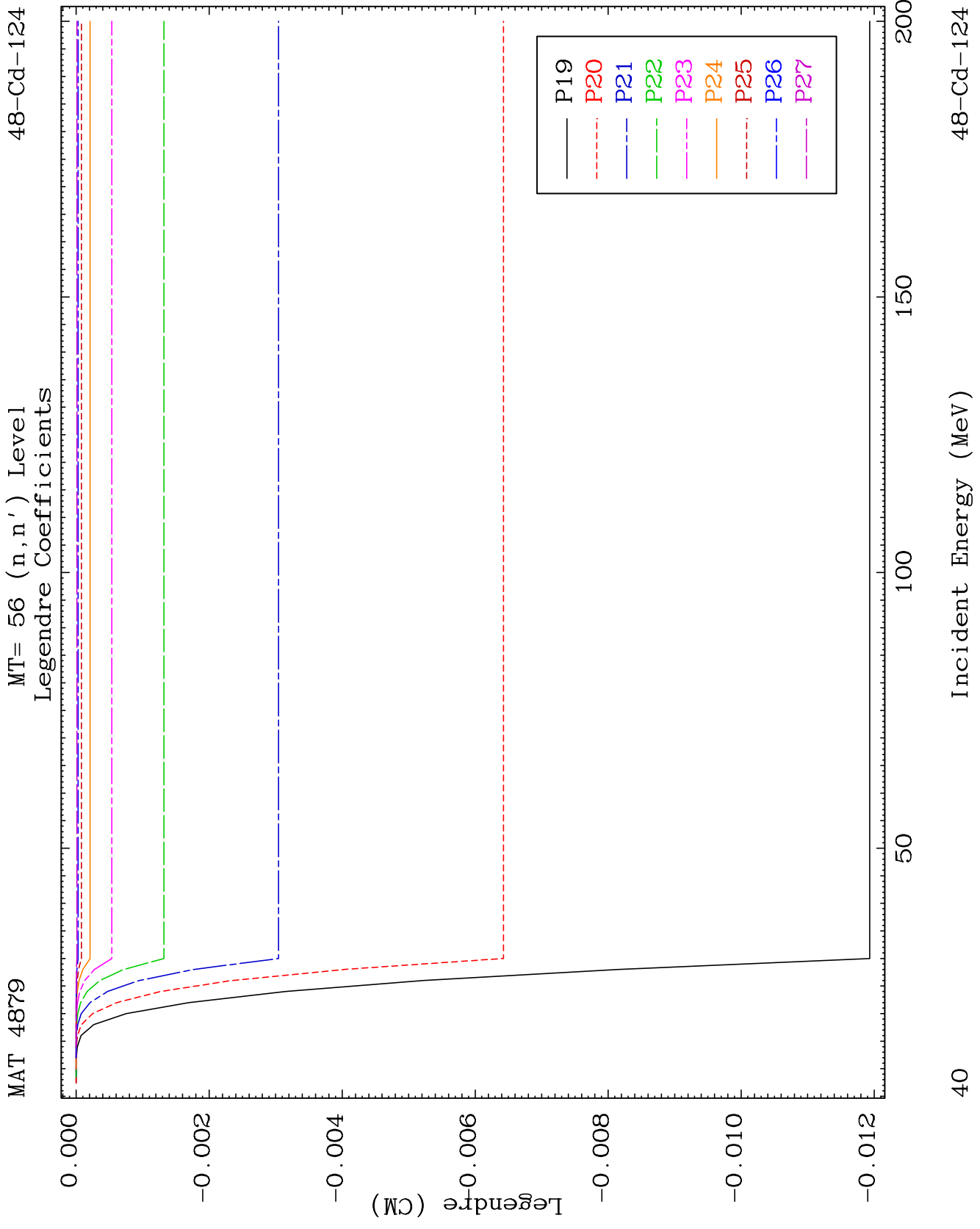
48-Cd-124

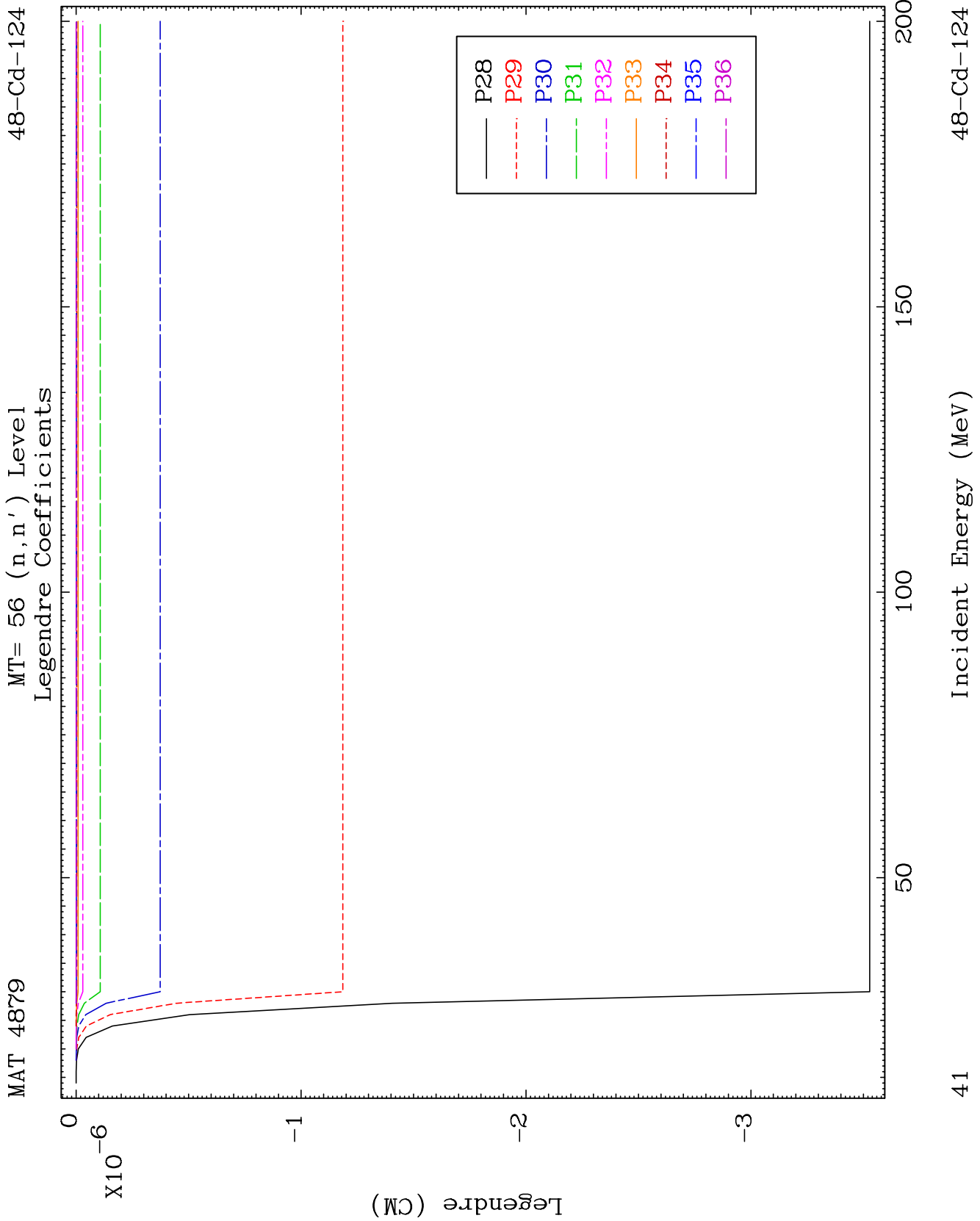


39

Incident Energy (MeV)

48-Cd-124

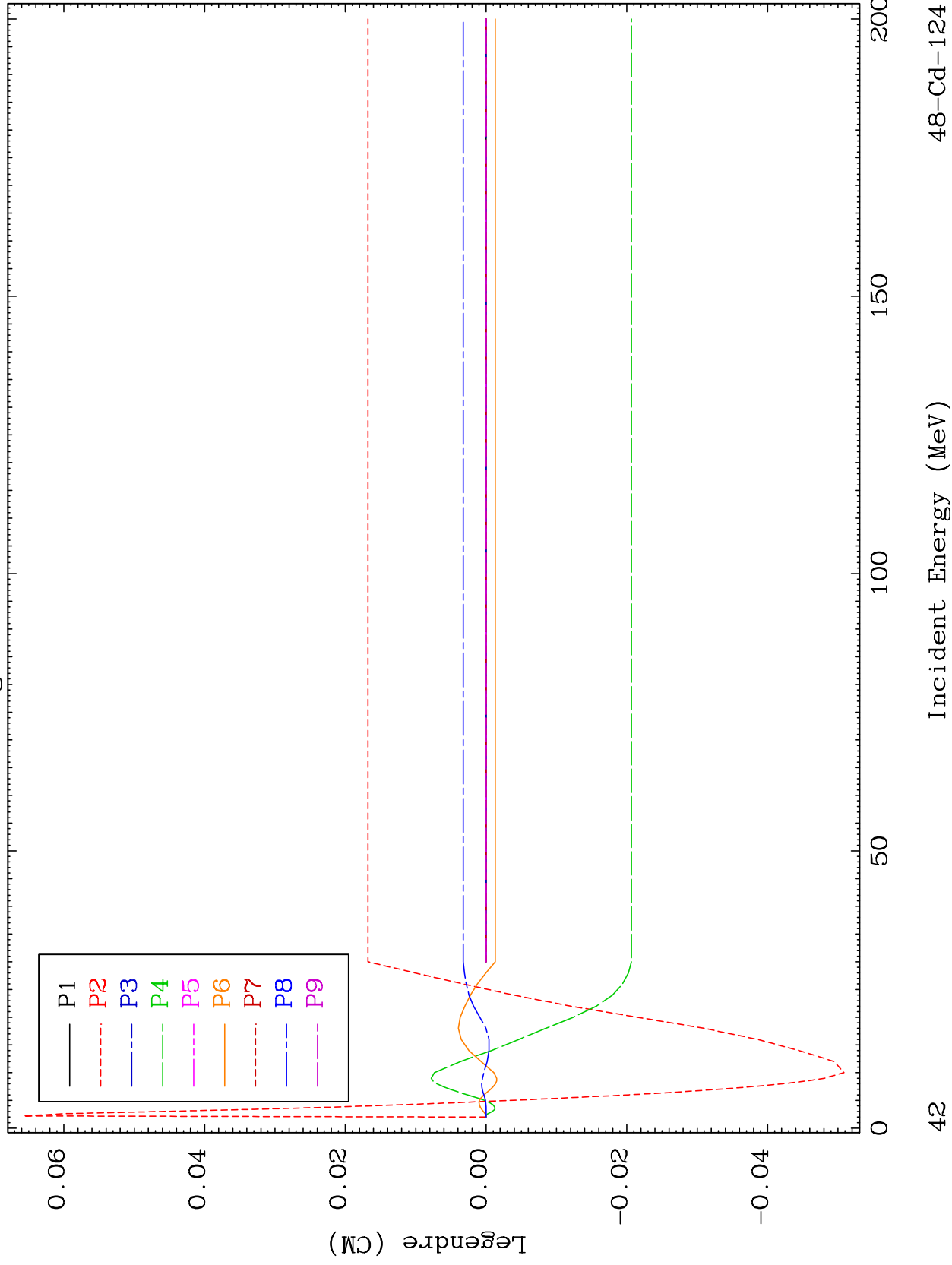




MAT 4879

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

48-Cd-124



48-Cd-124

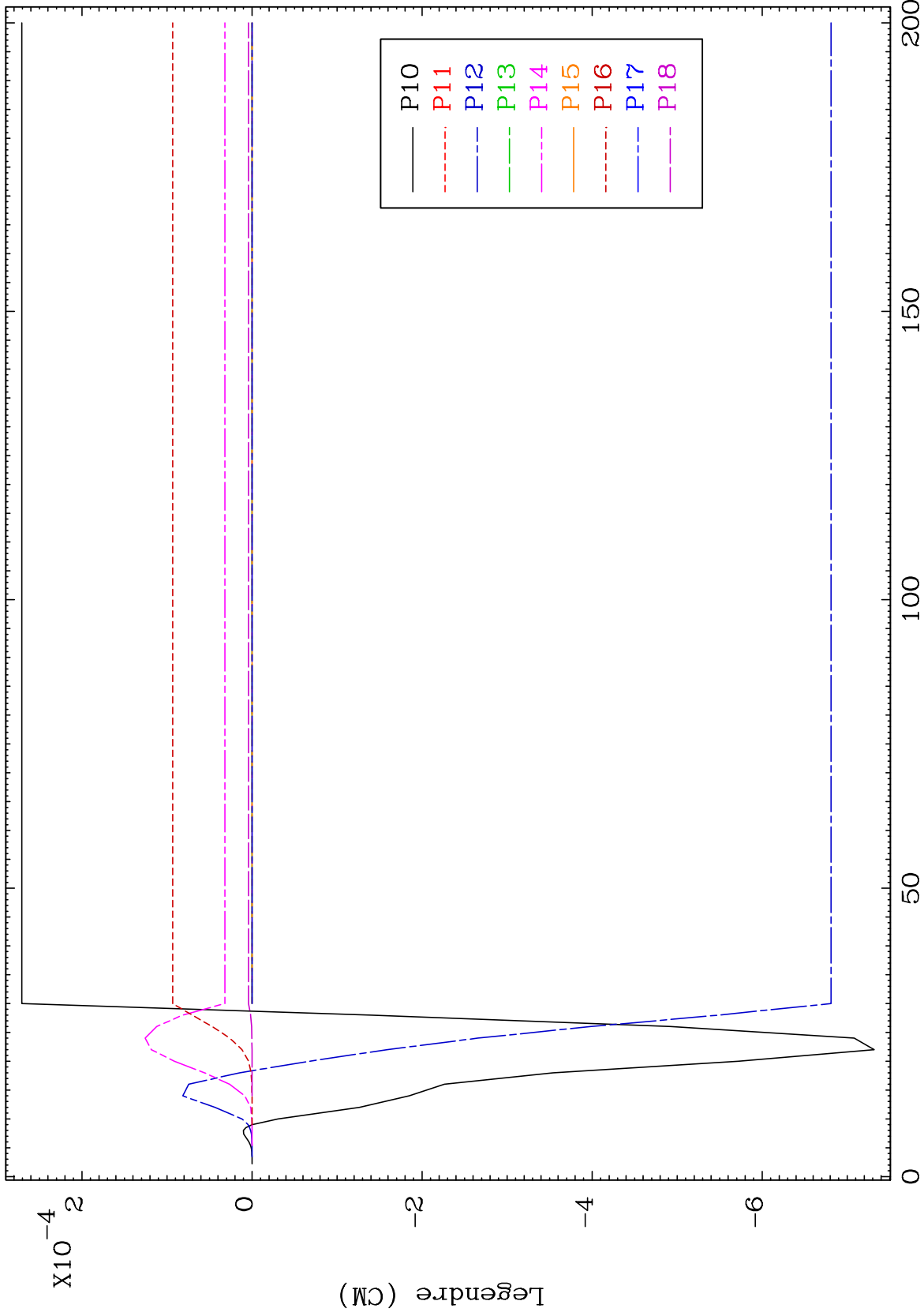
Incident Energy (MeV)

42

MAT 4879

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

48-Cd-124



43

Incident Energy (MeV)

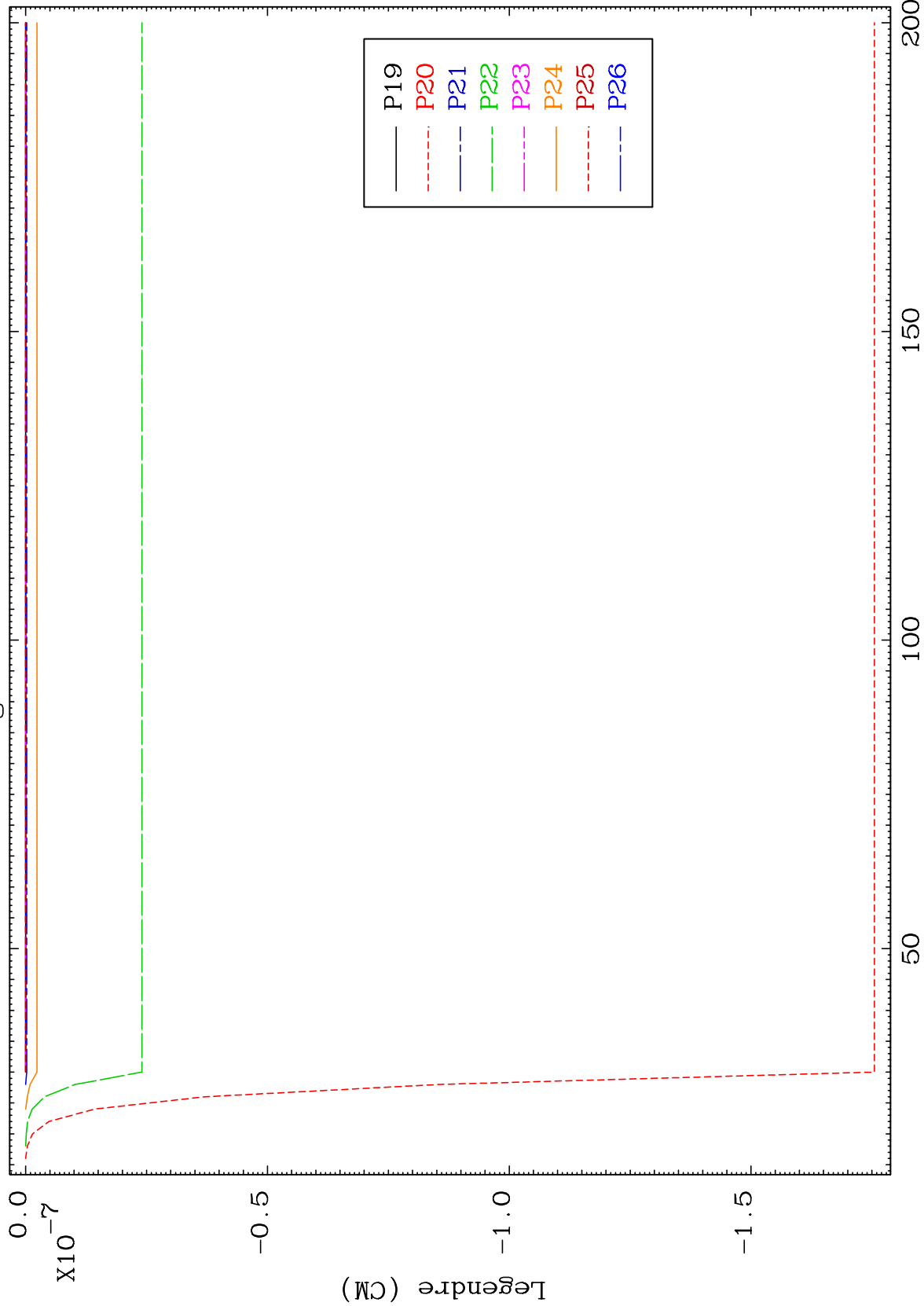
48-Cd-124

MAT 4879

MT= 57 (n,n') Level

48-Cd-124

Legendre Coefficients



48-Cd-124

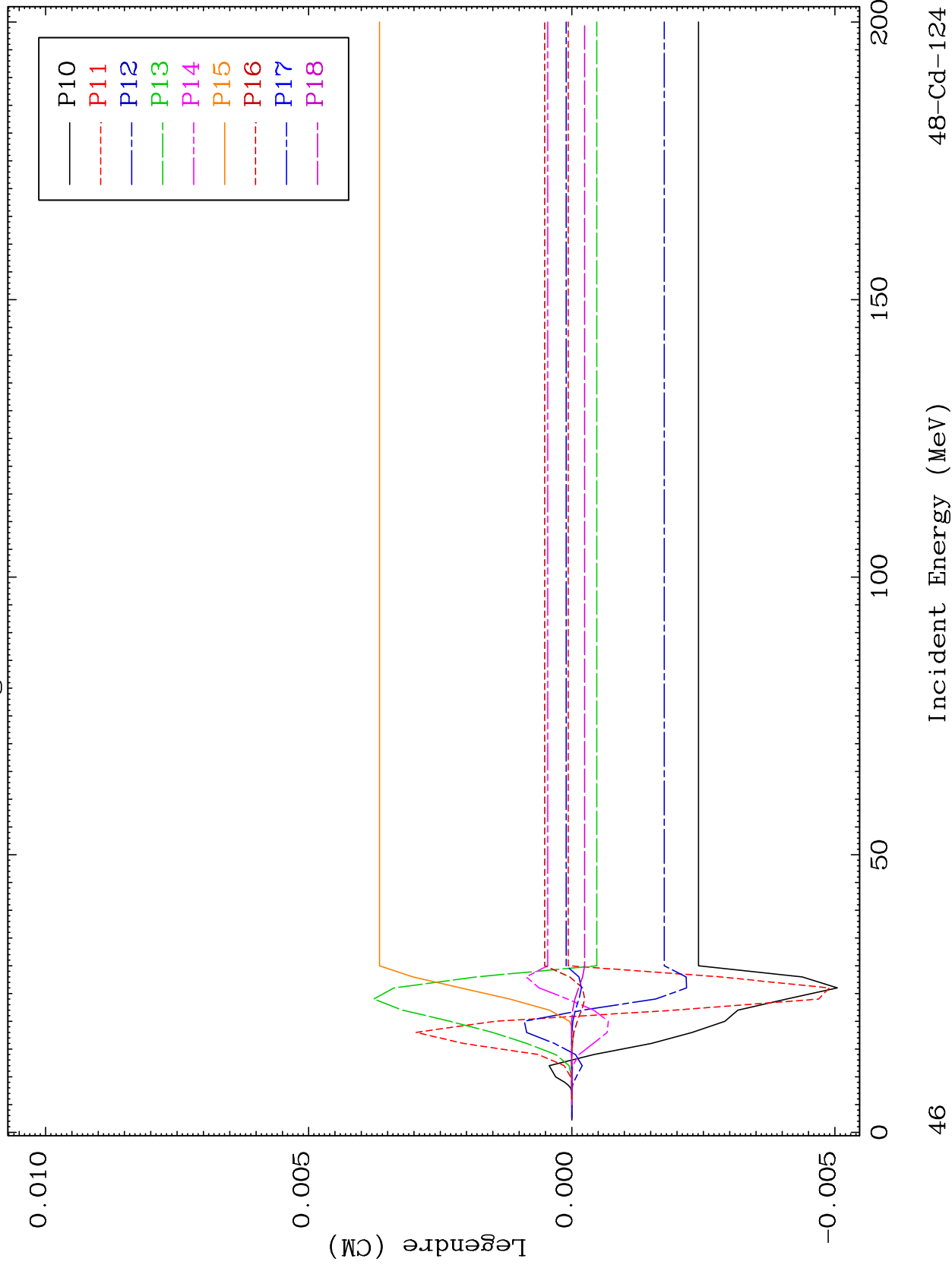
Incident Energy (MeV)

44

MAT 4879

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

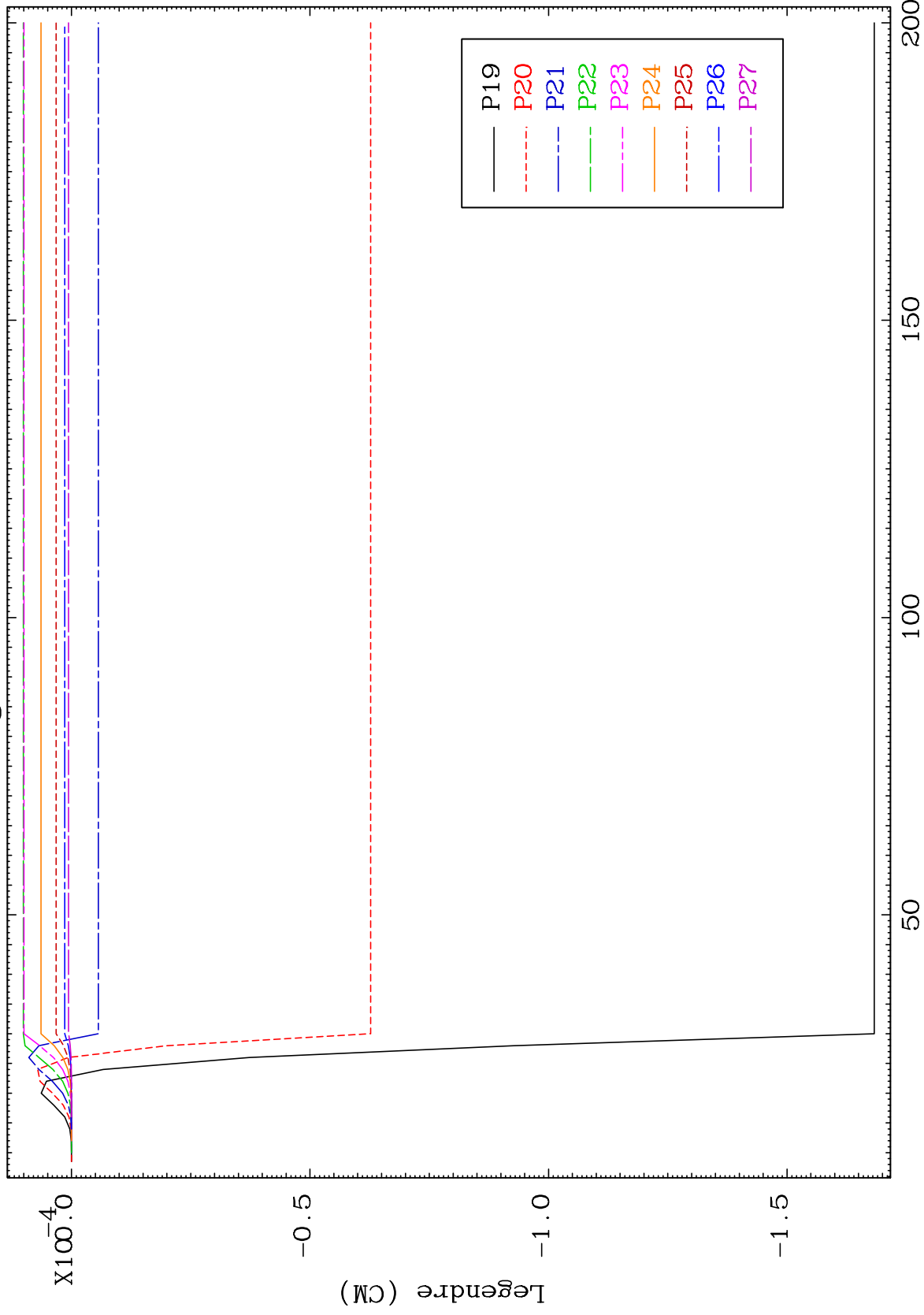
48-Cd-124



MAT 4879

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

48-Cd-124



47

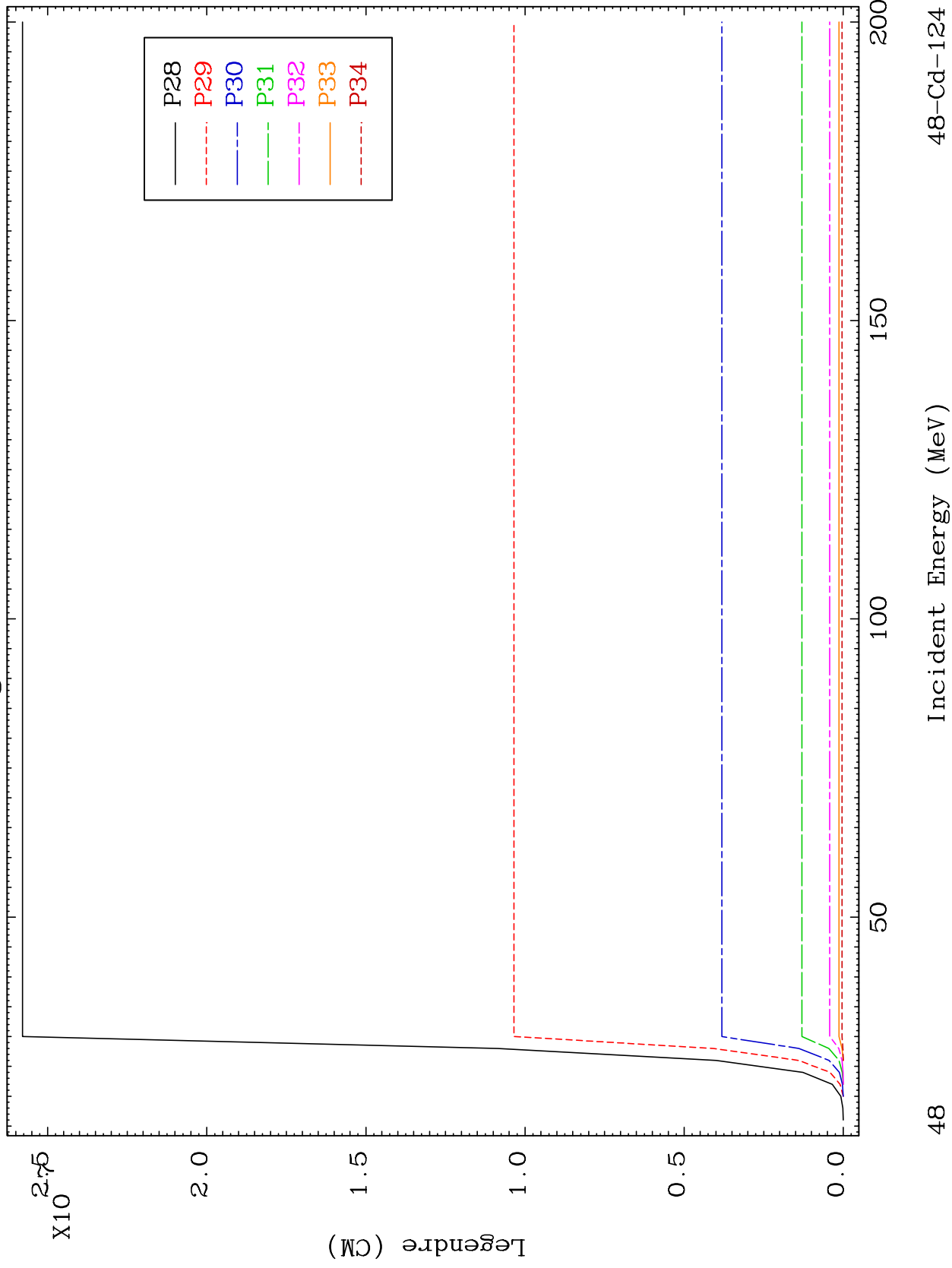
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124

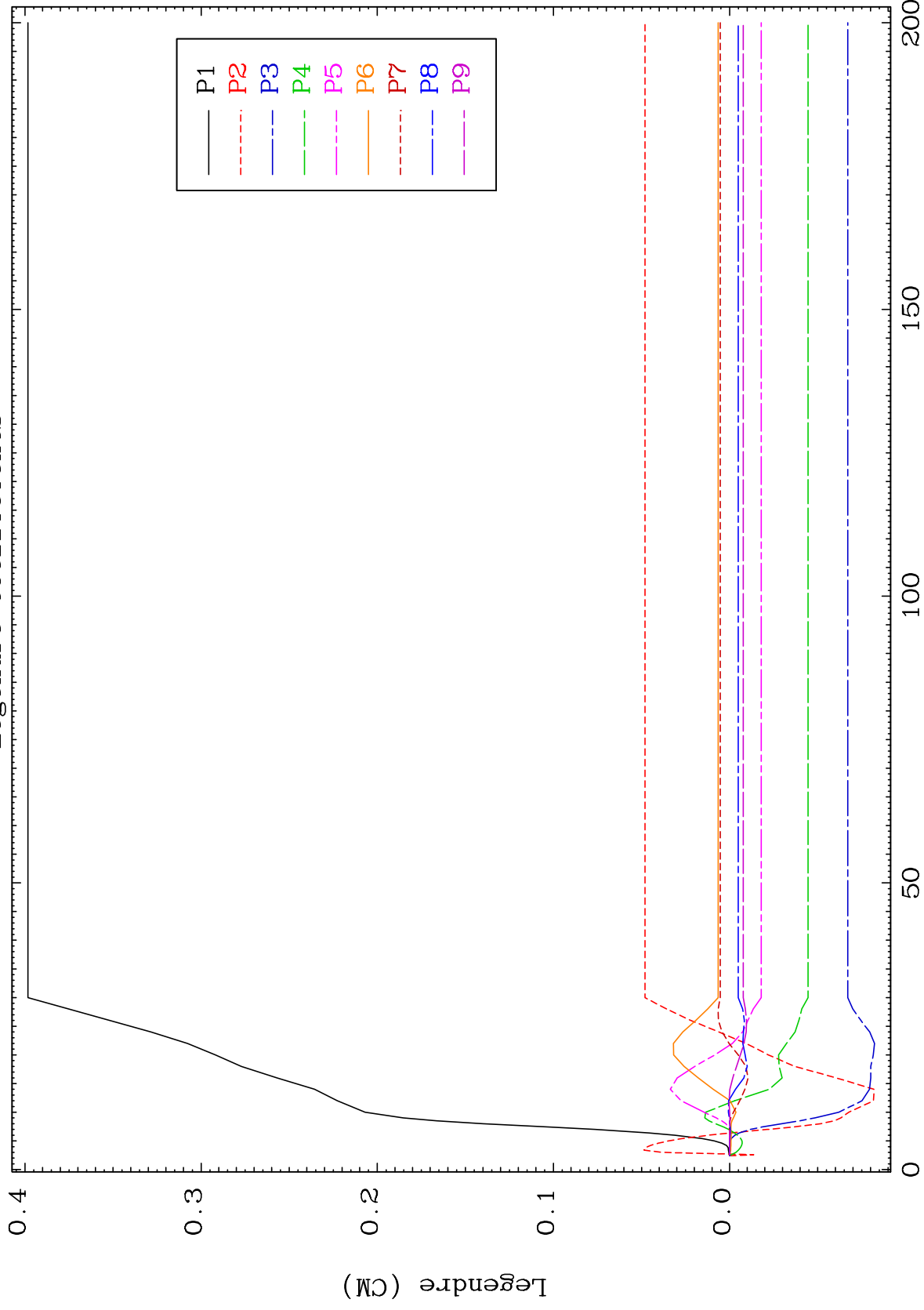


MAT 4879

MT= 59 (n,n') Level

48-Cd-124

Legendre Coefficients



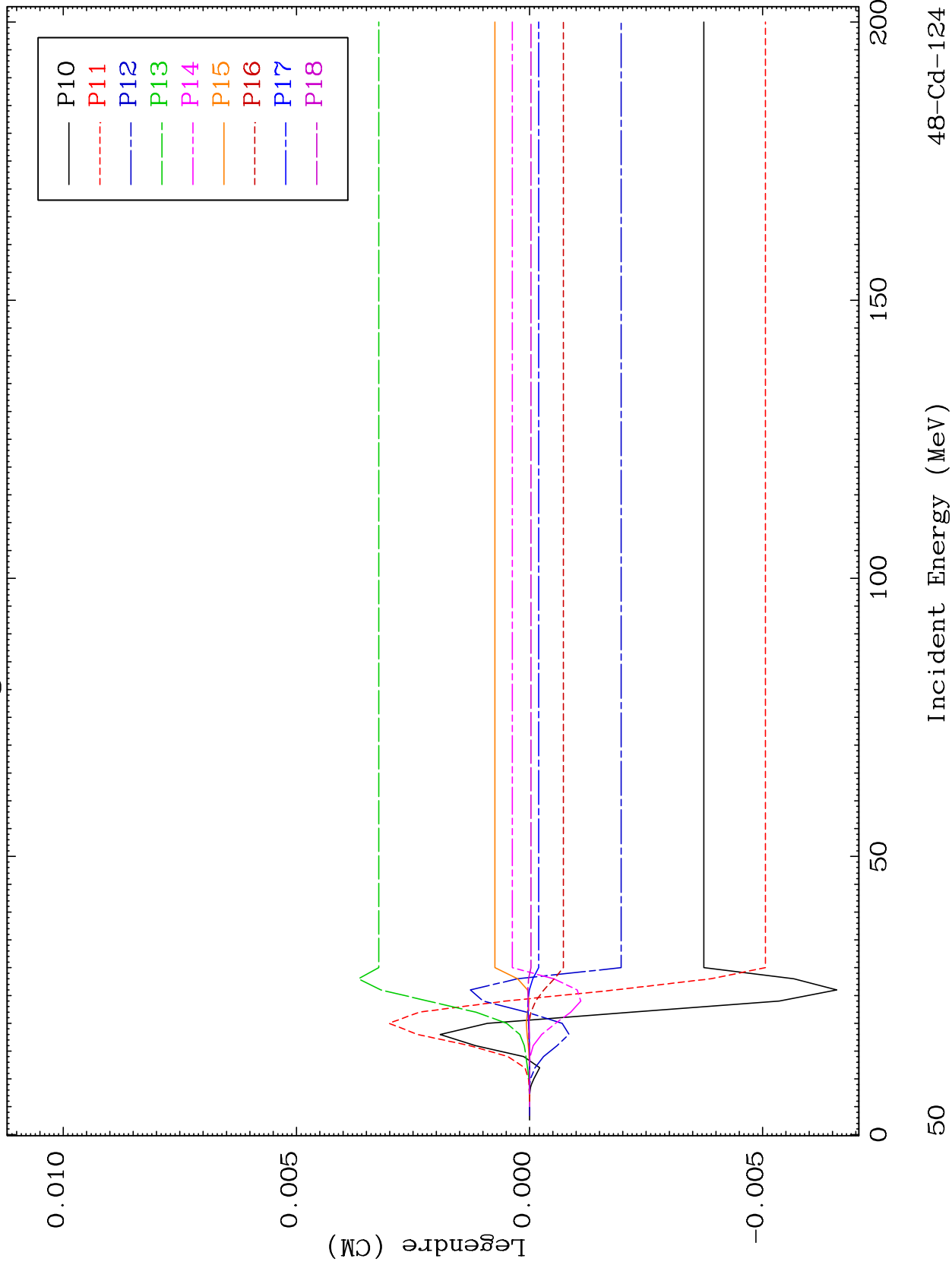
49

48-Cd-124

MAT 4879

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

48-Cd-124



48-Cd-124

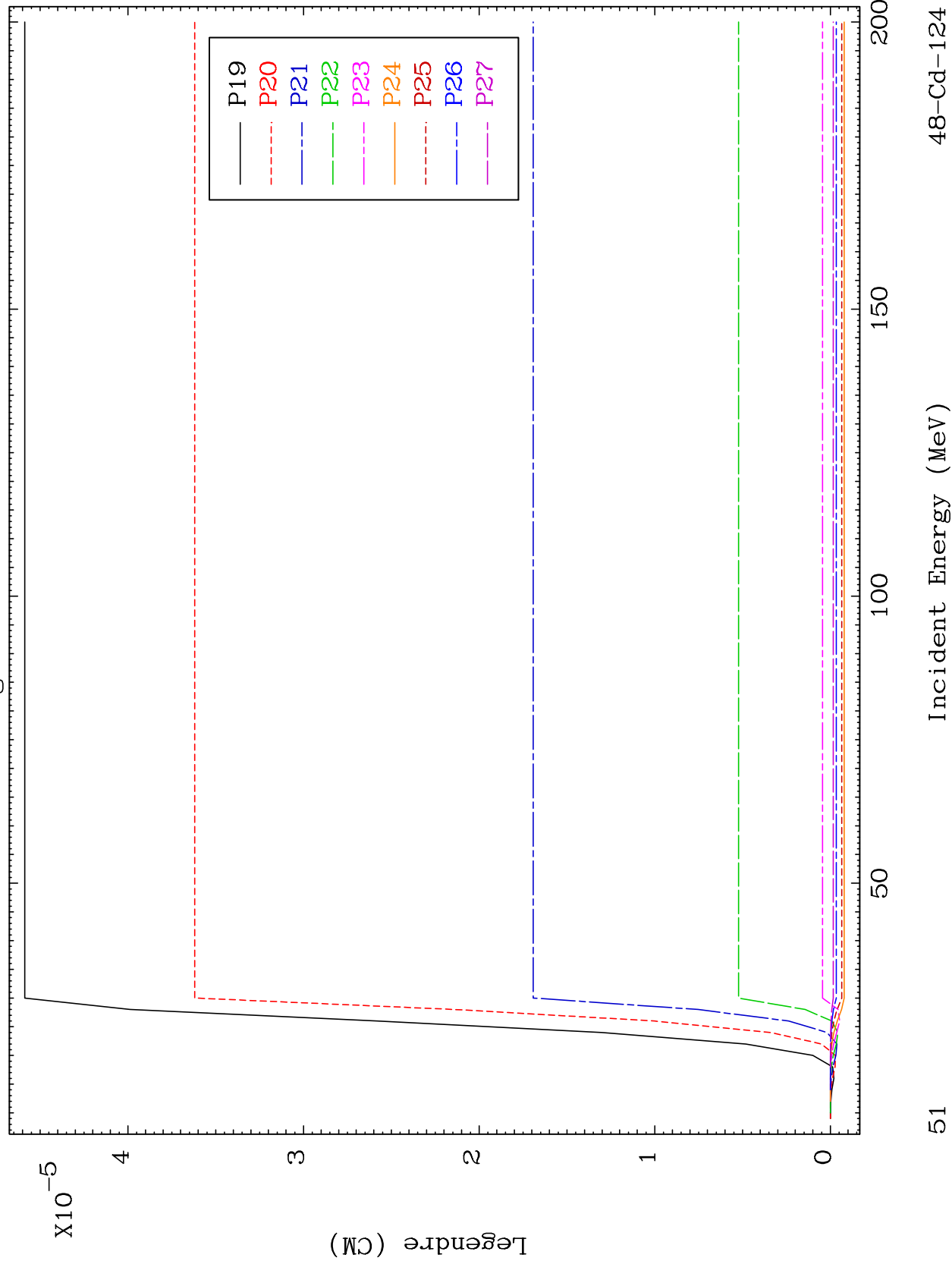
Incident Energy (MeV)

50

MAT 4879

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

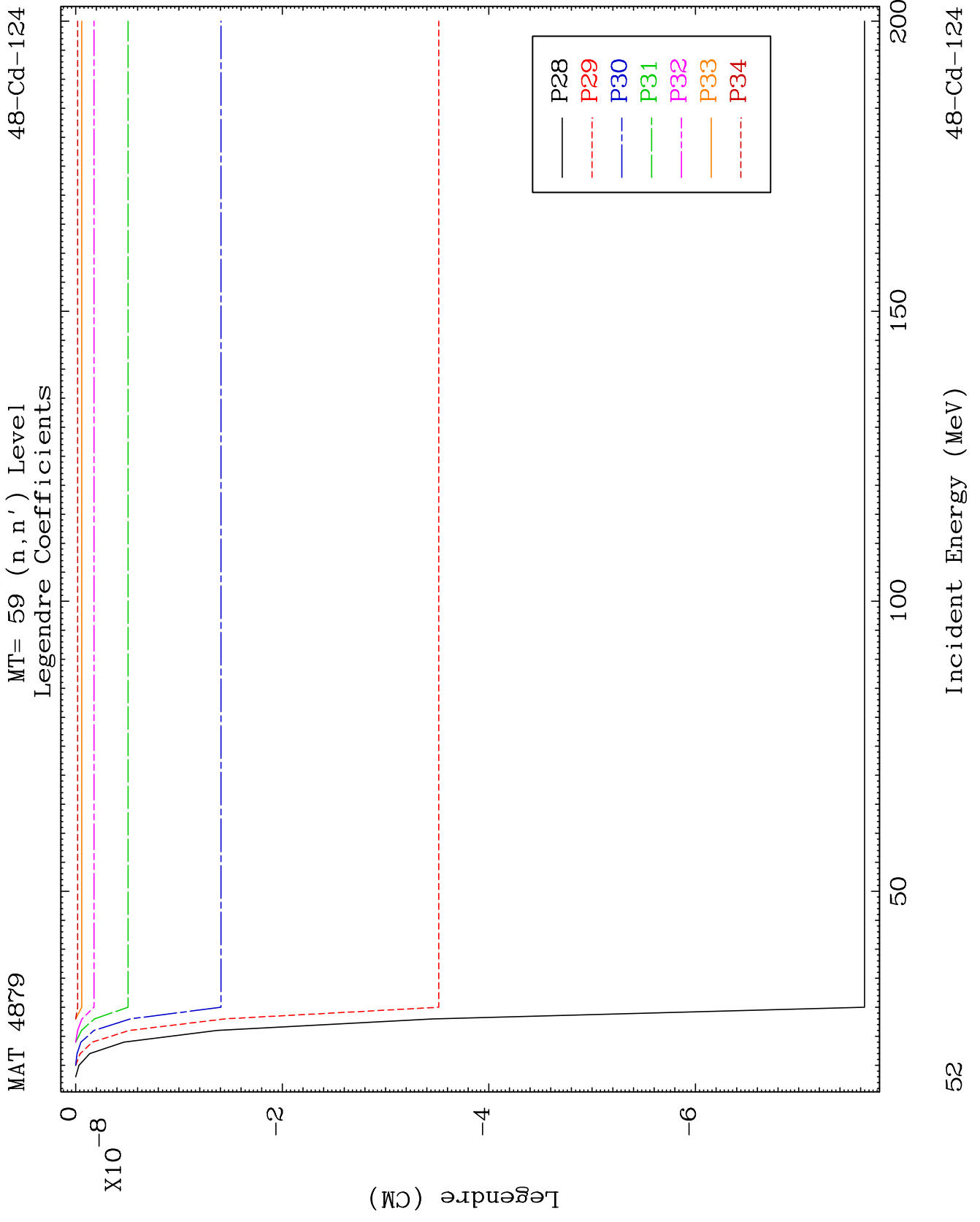
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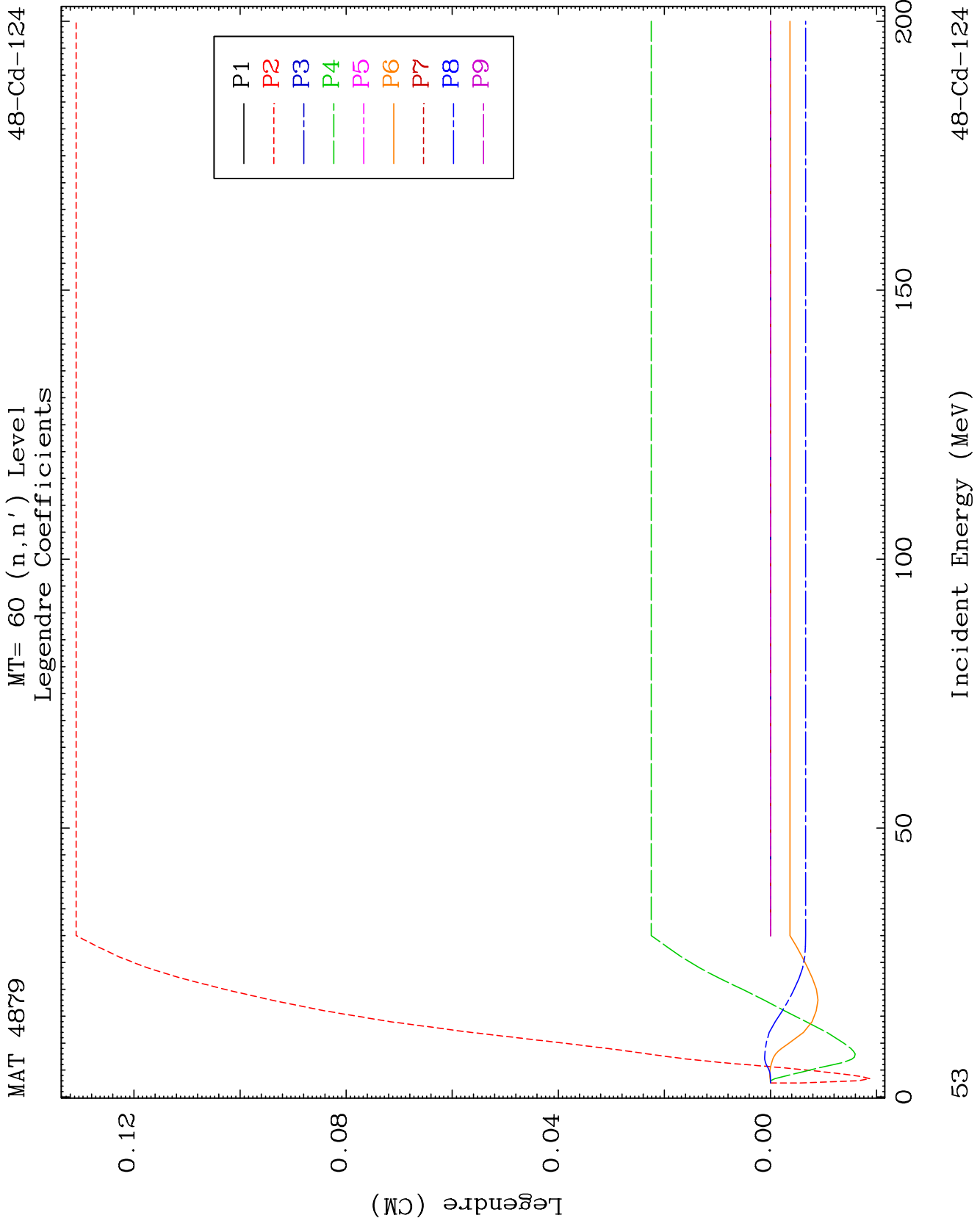


51

Incident Energy (MeV)

48-Cd-124

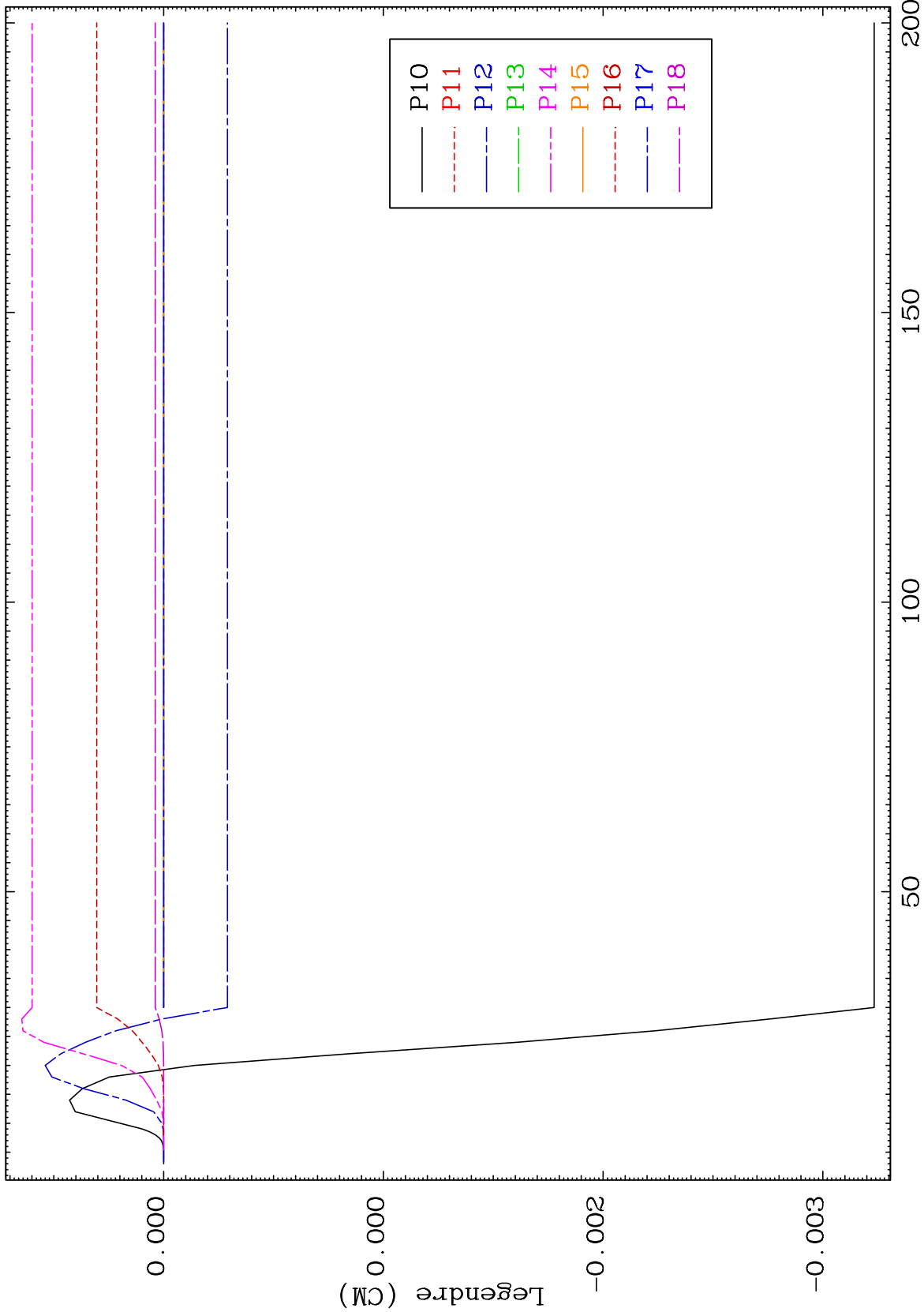




MAT 4879

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

48-Cd-124



54

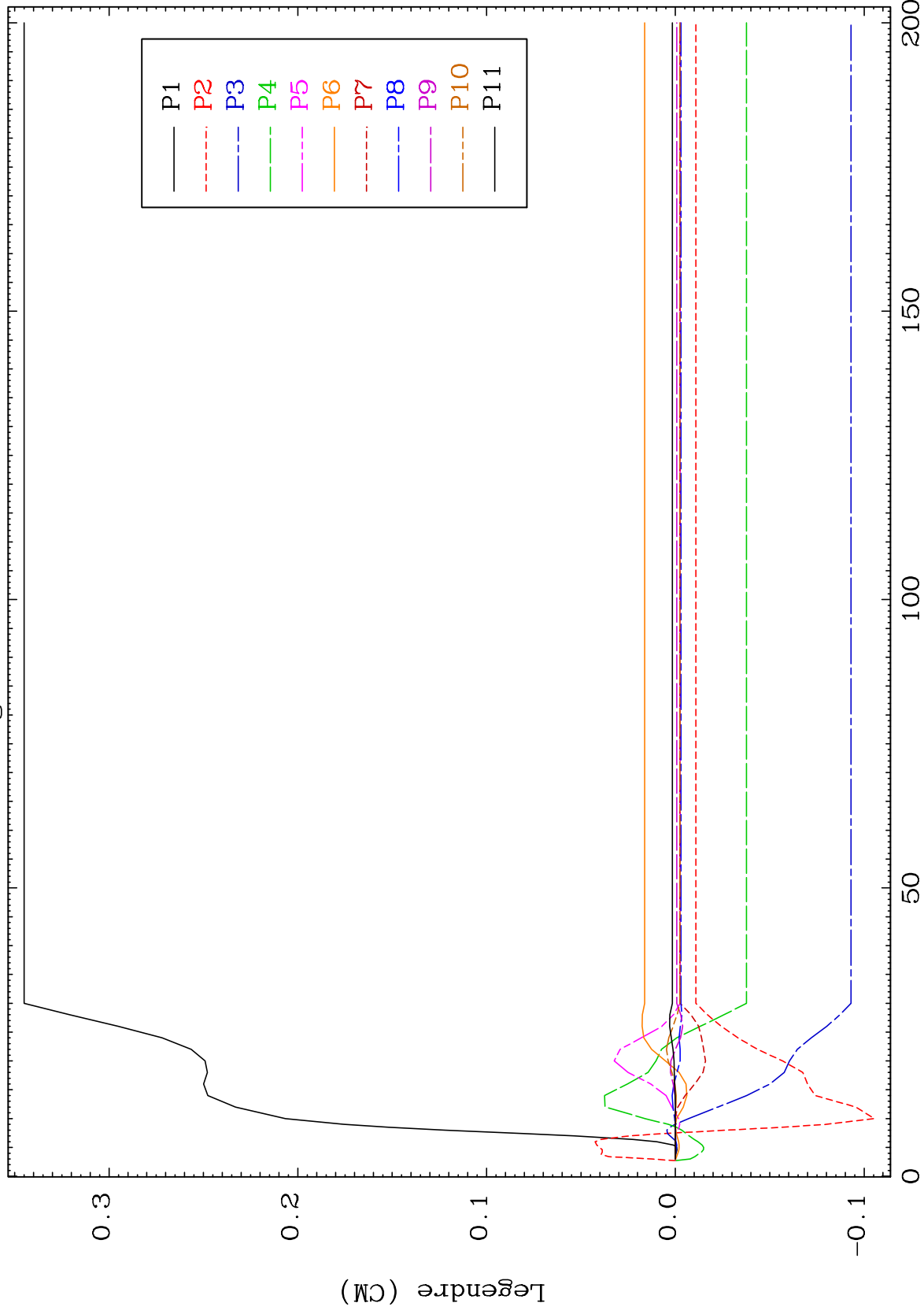
Incident Energy (MeV)

48-Cd-124

MAT 4879

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

48-Cd-124



56

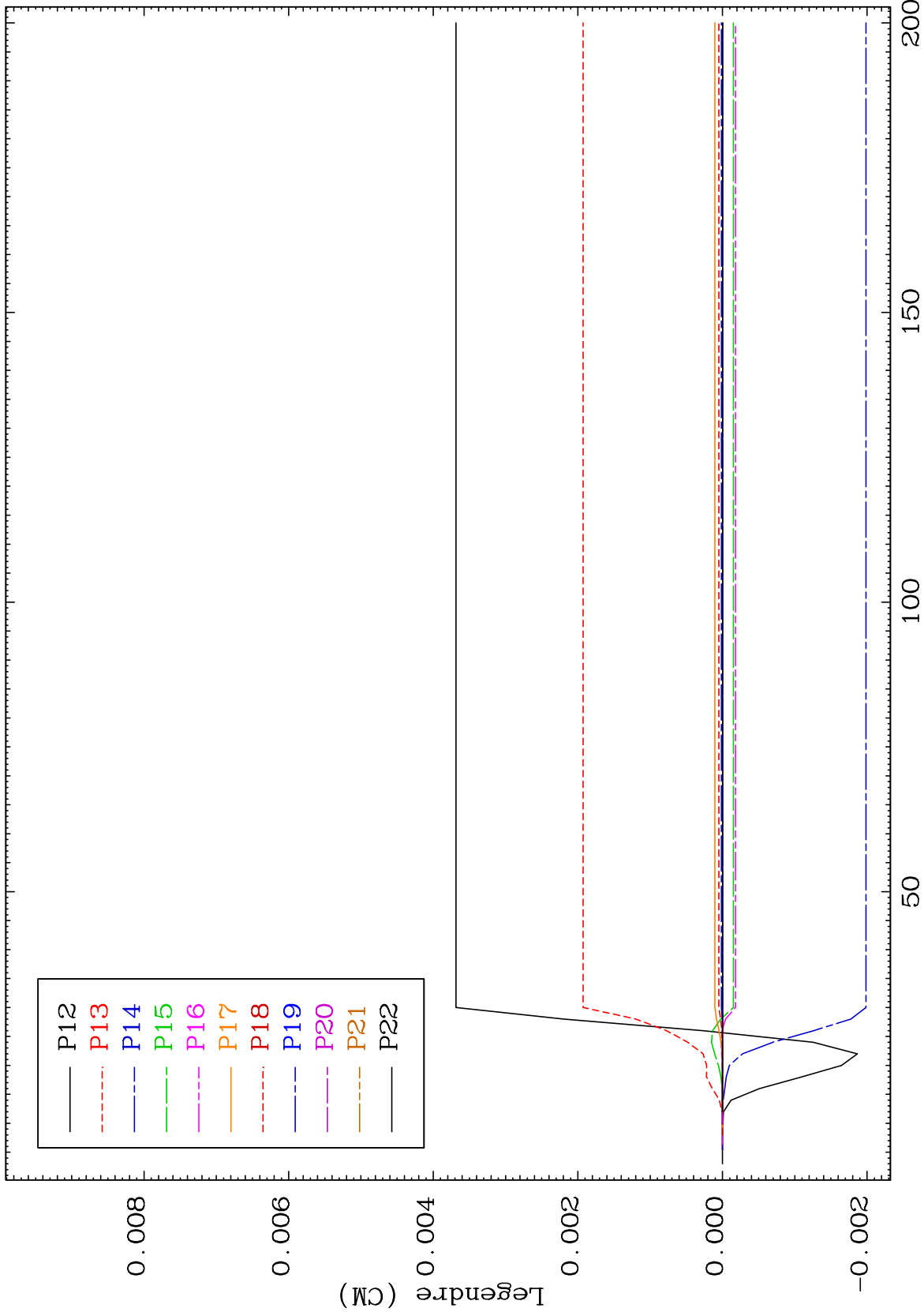
Incident Energy (MeV)

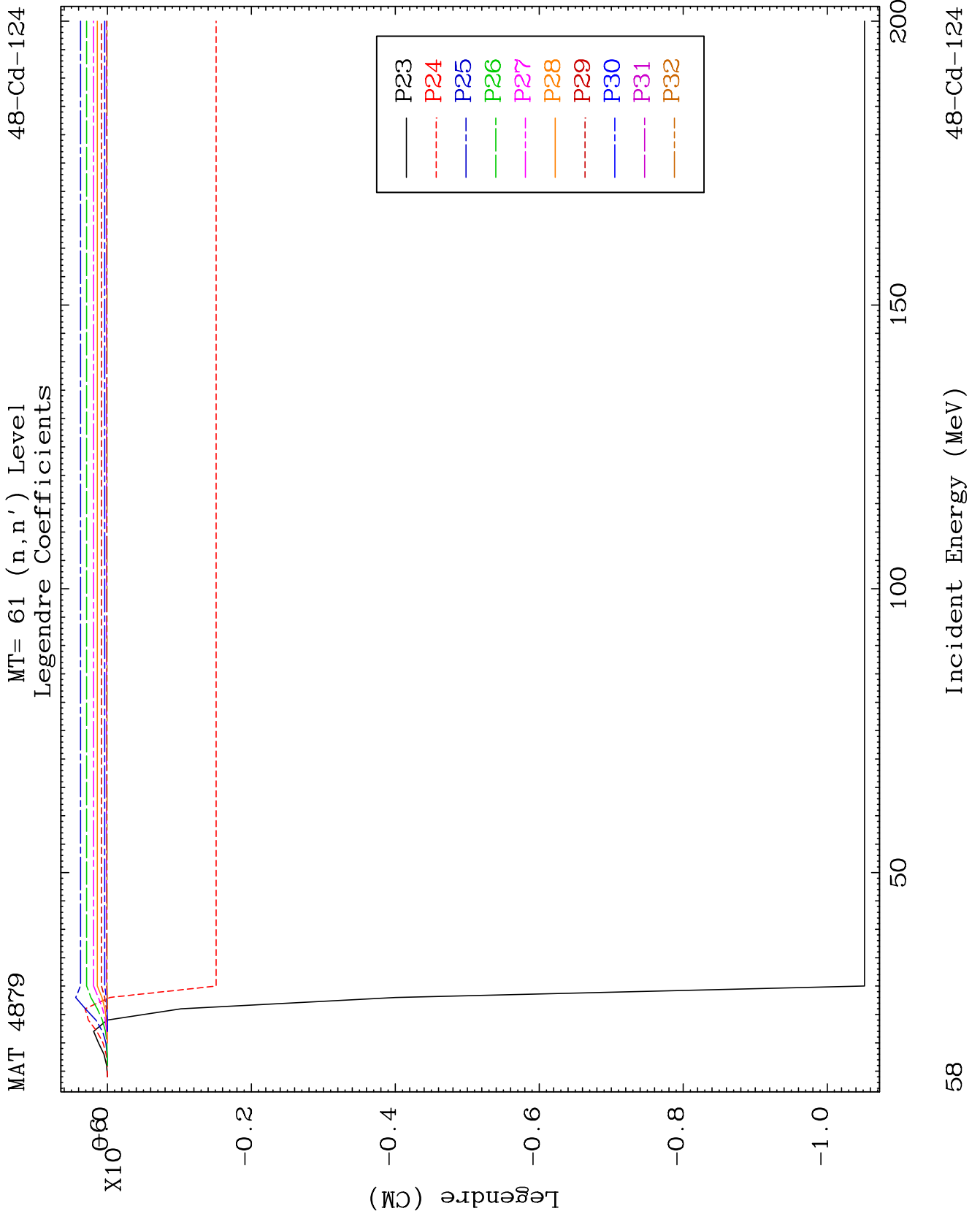
48-Cd-124

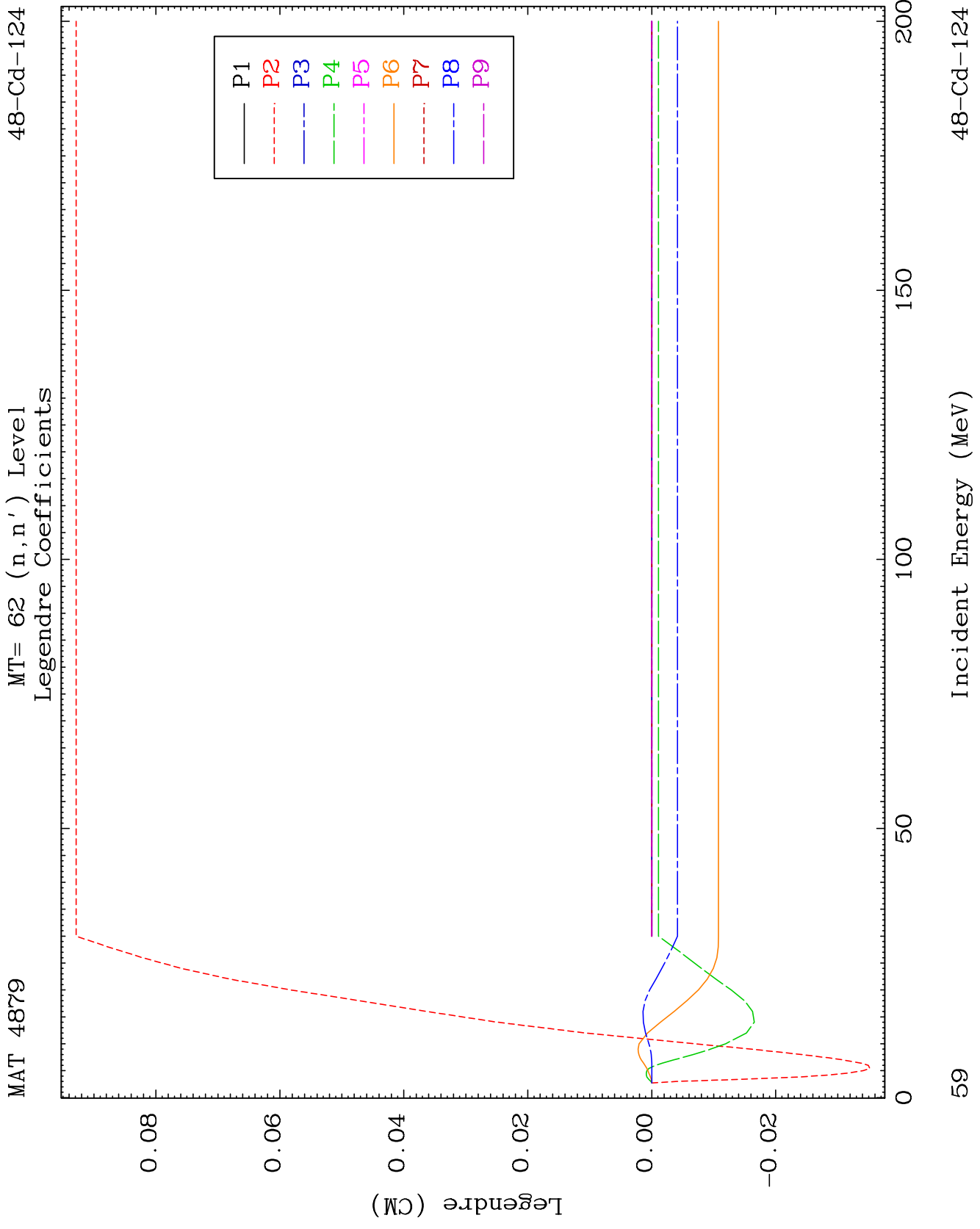
MAT 4879

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

48-Cd-124



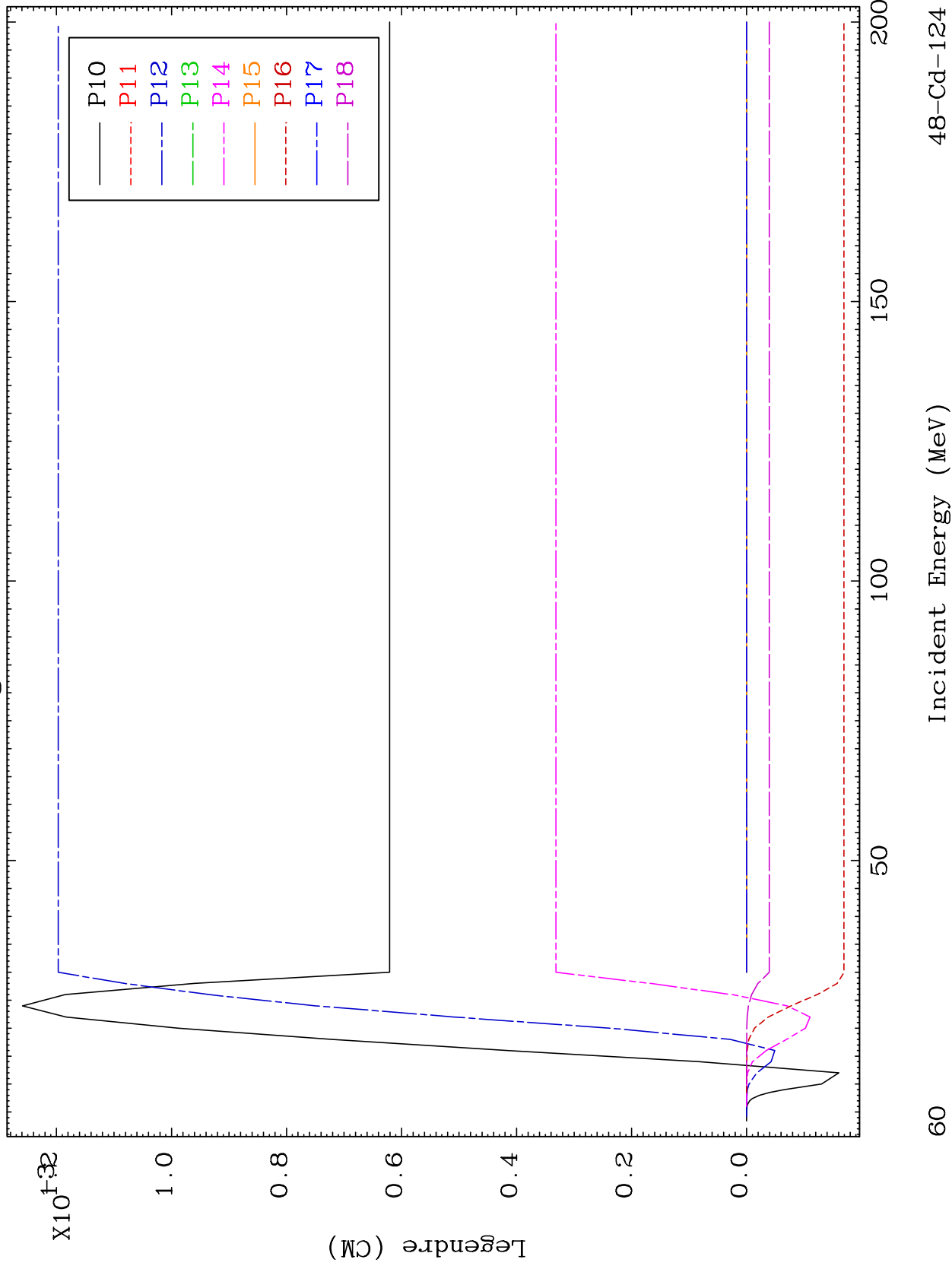


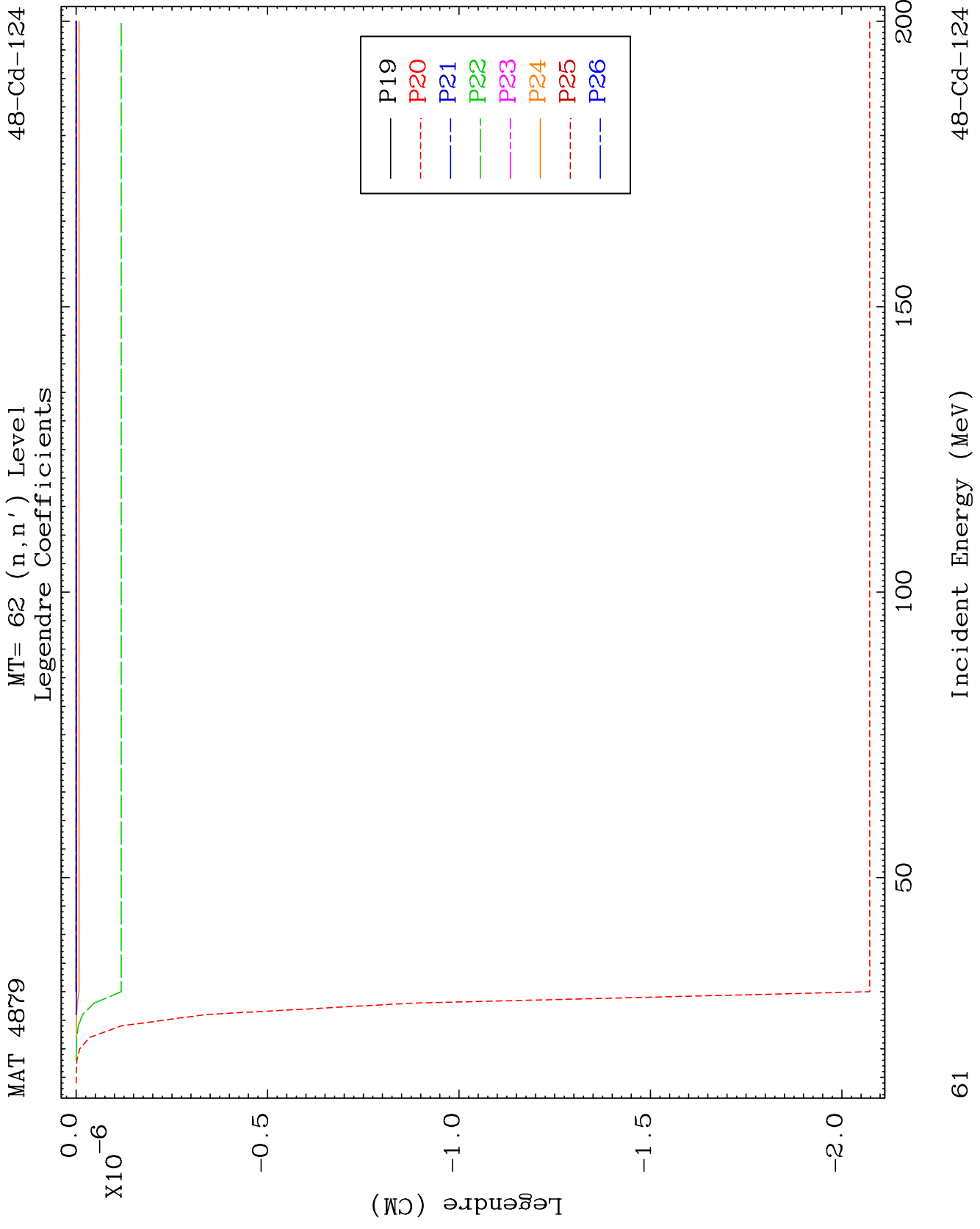


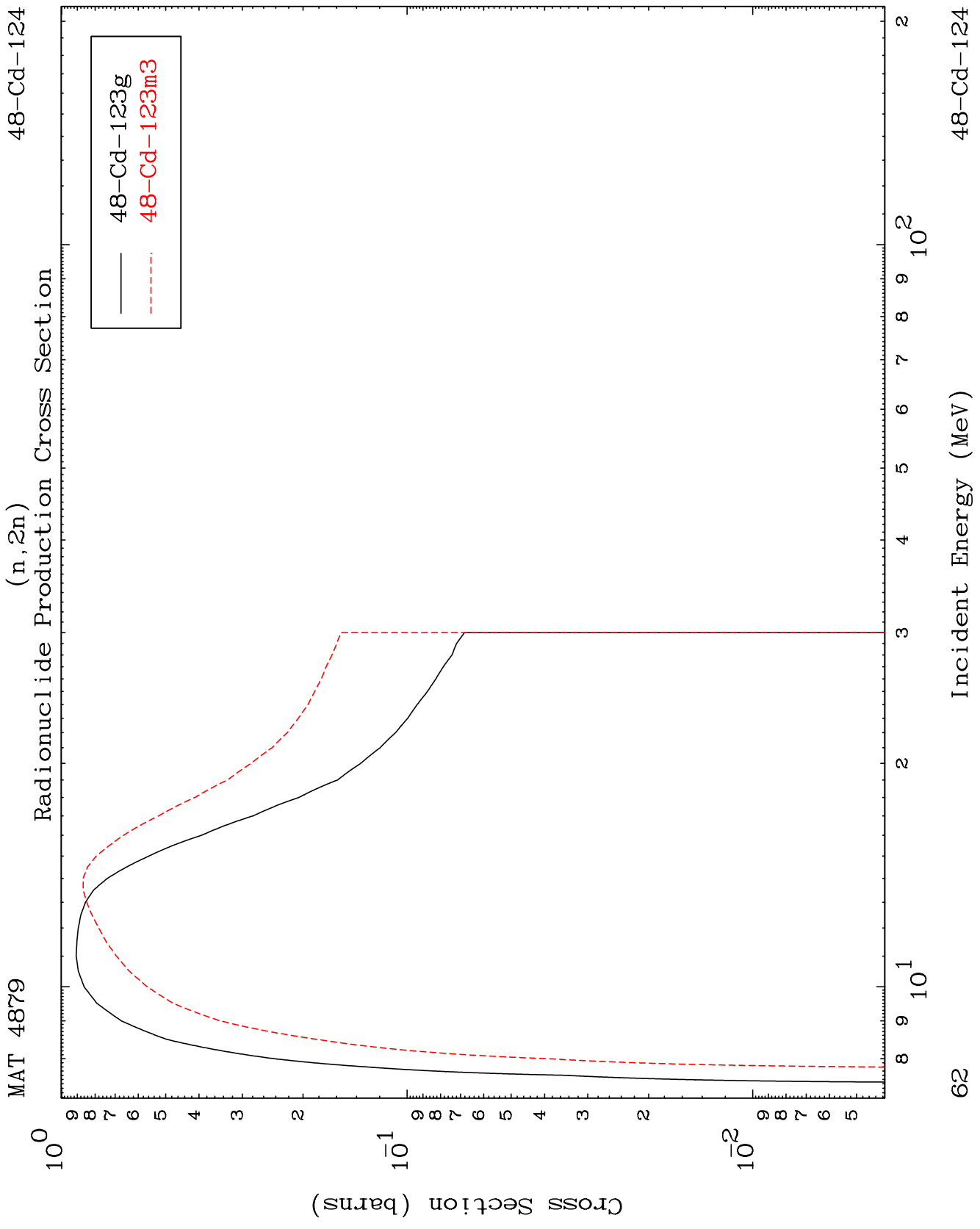
MAT 4879

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

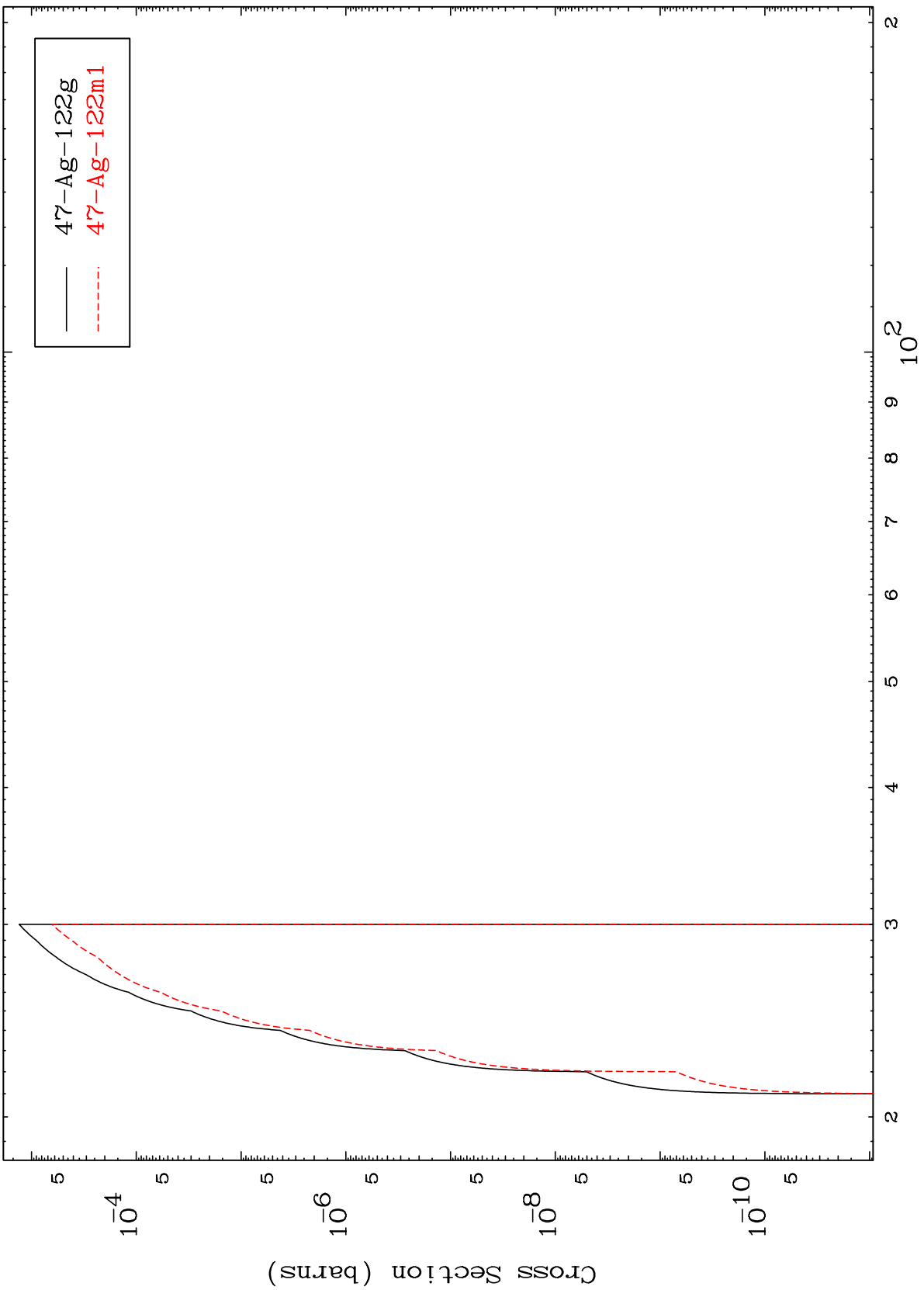
48-Cd-124







Radionuclide Production Cross Section

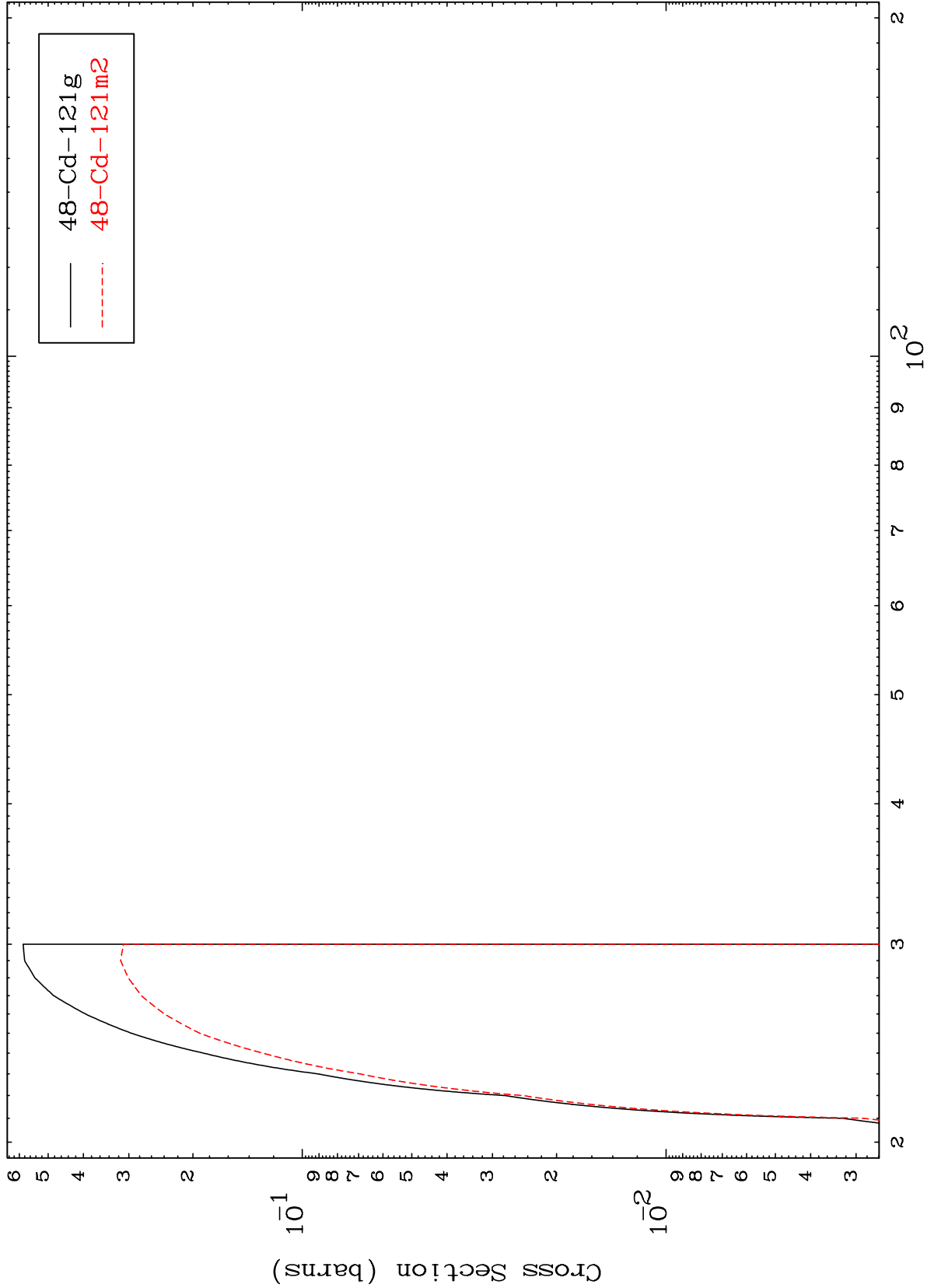


MAT 4879

(n,4n)

48-Cd-124

Radionuclide Production Cross Section



64

Incident Energy (MeV)

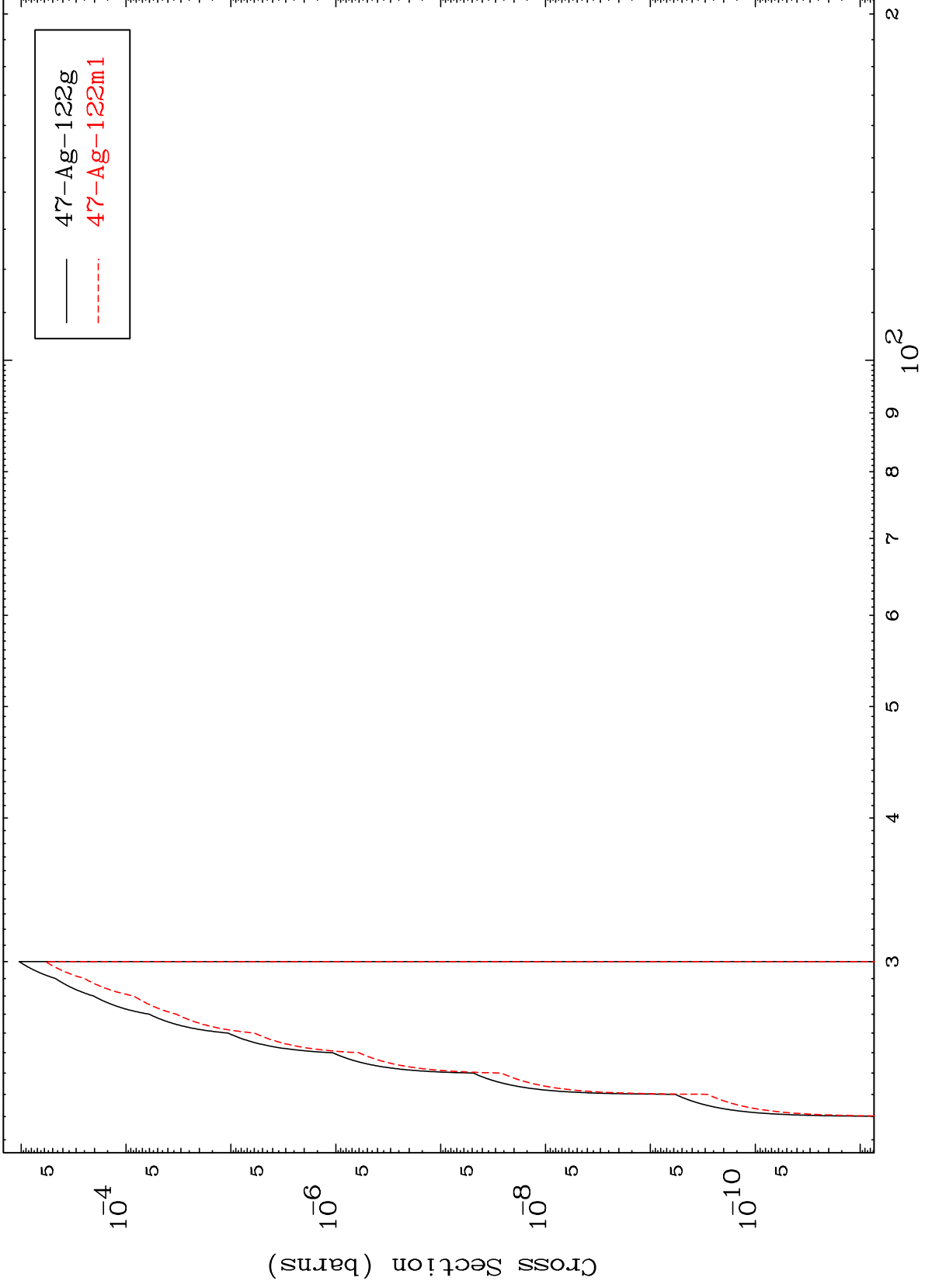
48-Cd-124

MAT 4879

(n,2n) p

48-Cd-124

Radionuclide Production Cross Section



65

Incident Energy (MeV)

48-Cd-124

(n,t)
Radionuclide Production Cross Section

