

Program EVALPLOT  
(Version 2015-2)

by

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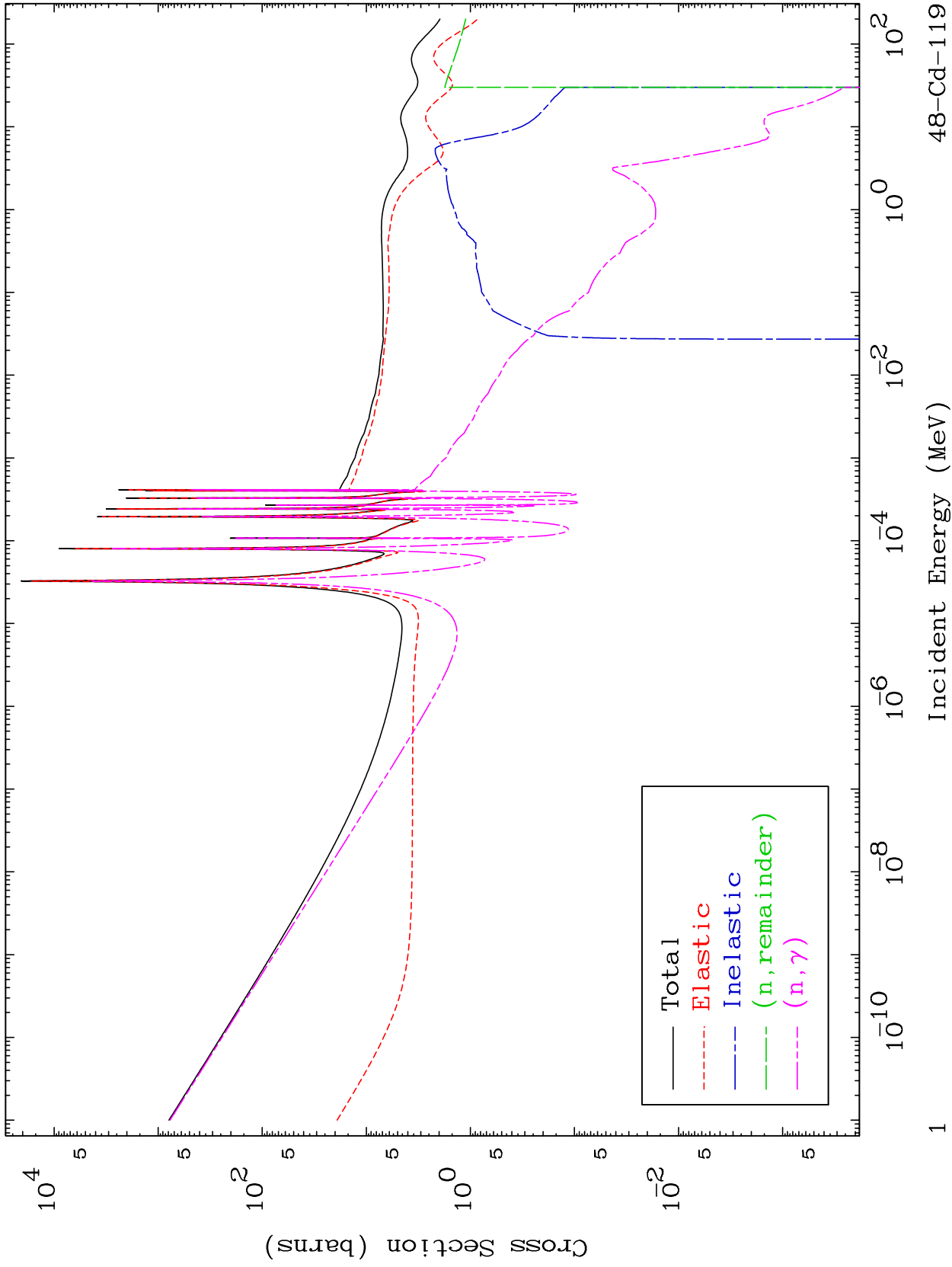
Press Mouse Button to Start

MAT 4864

Major

293 Kelvin Cross Sections

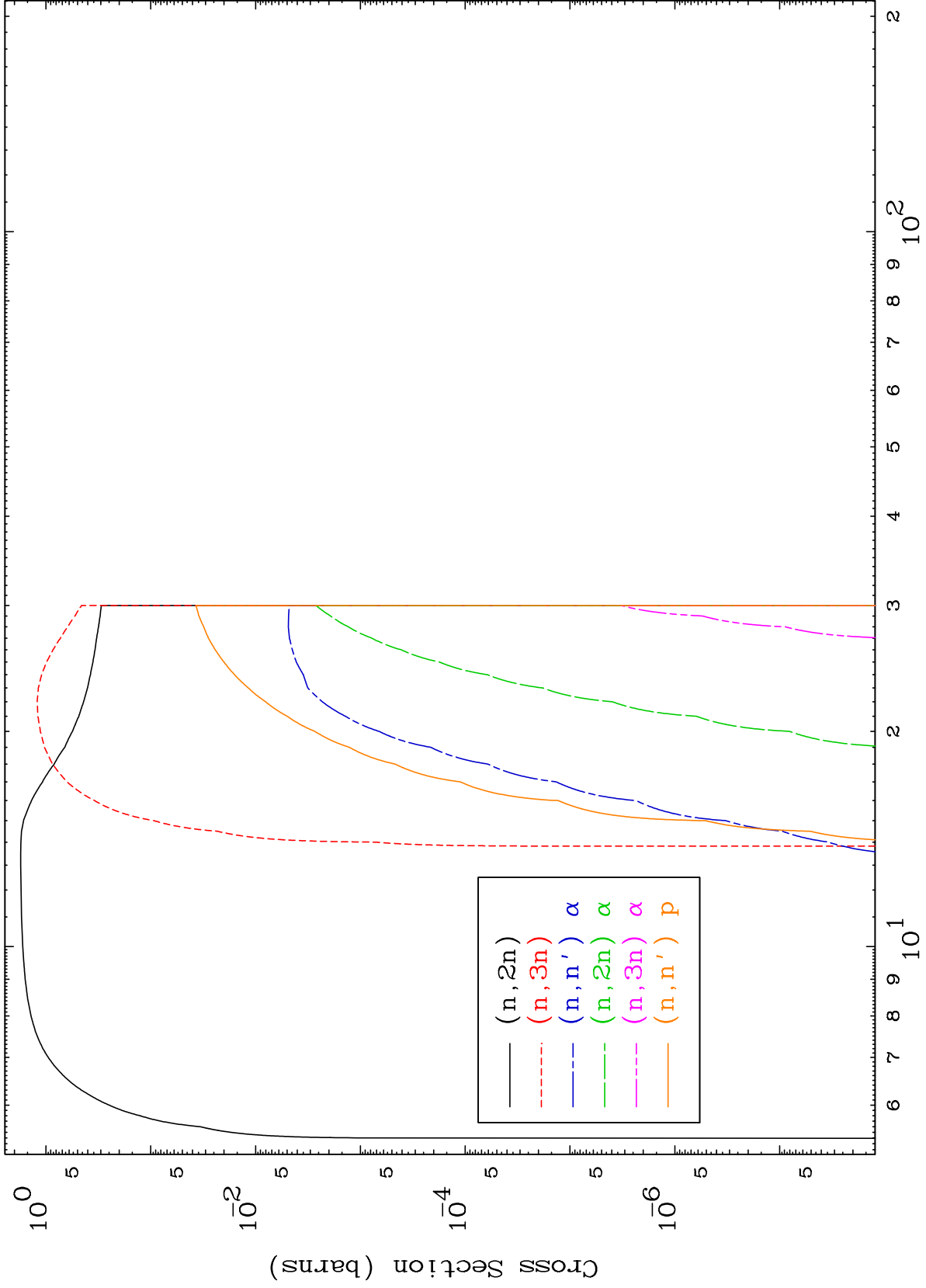
48-Cd-119

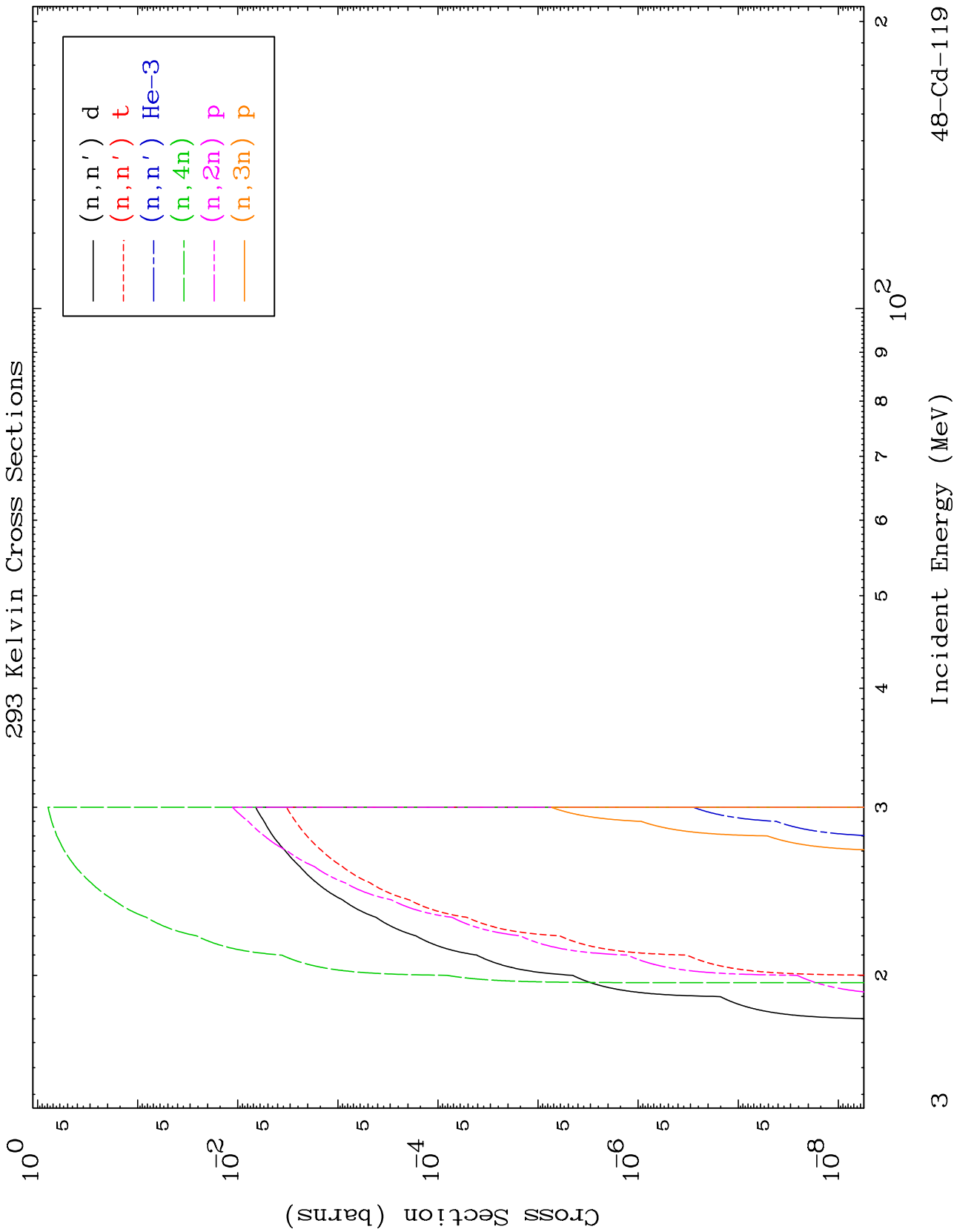


MAT 4864

Neutron Production  
293 Kelvin Cross Sections

48-Cd-119

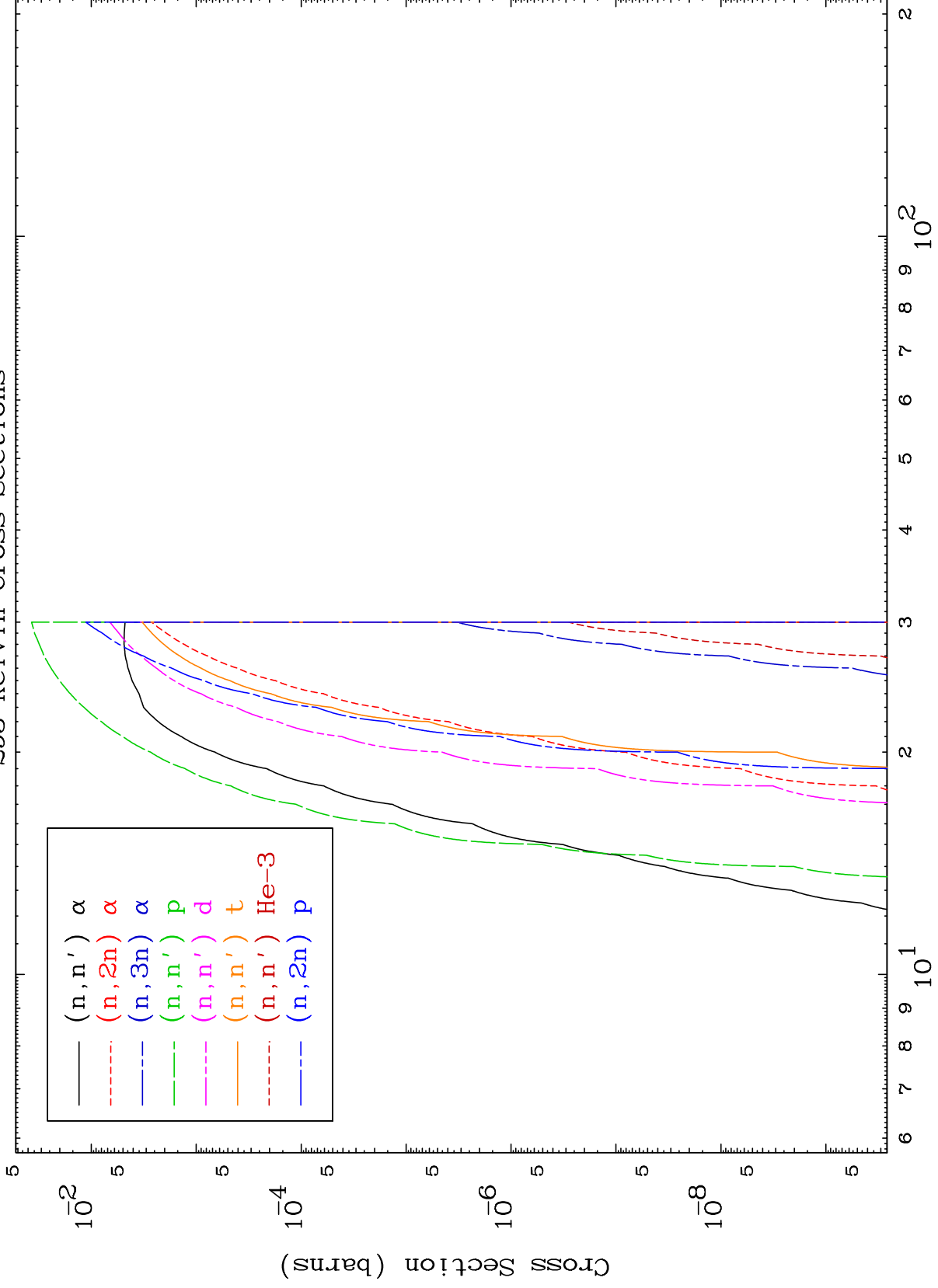




MAT 4864

Charged Particle  
293 Kelvin Cross Sections

48-Cd-119



4

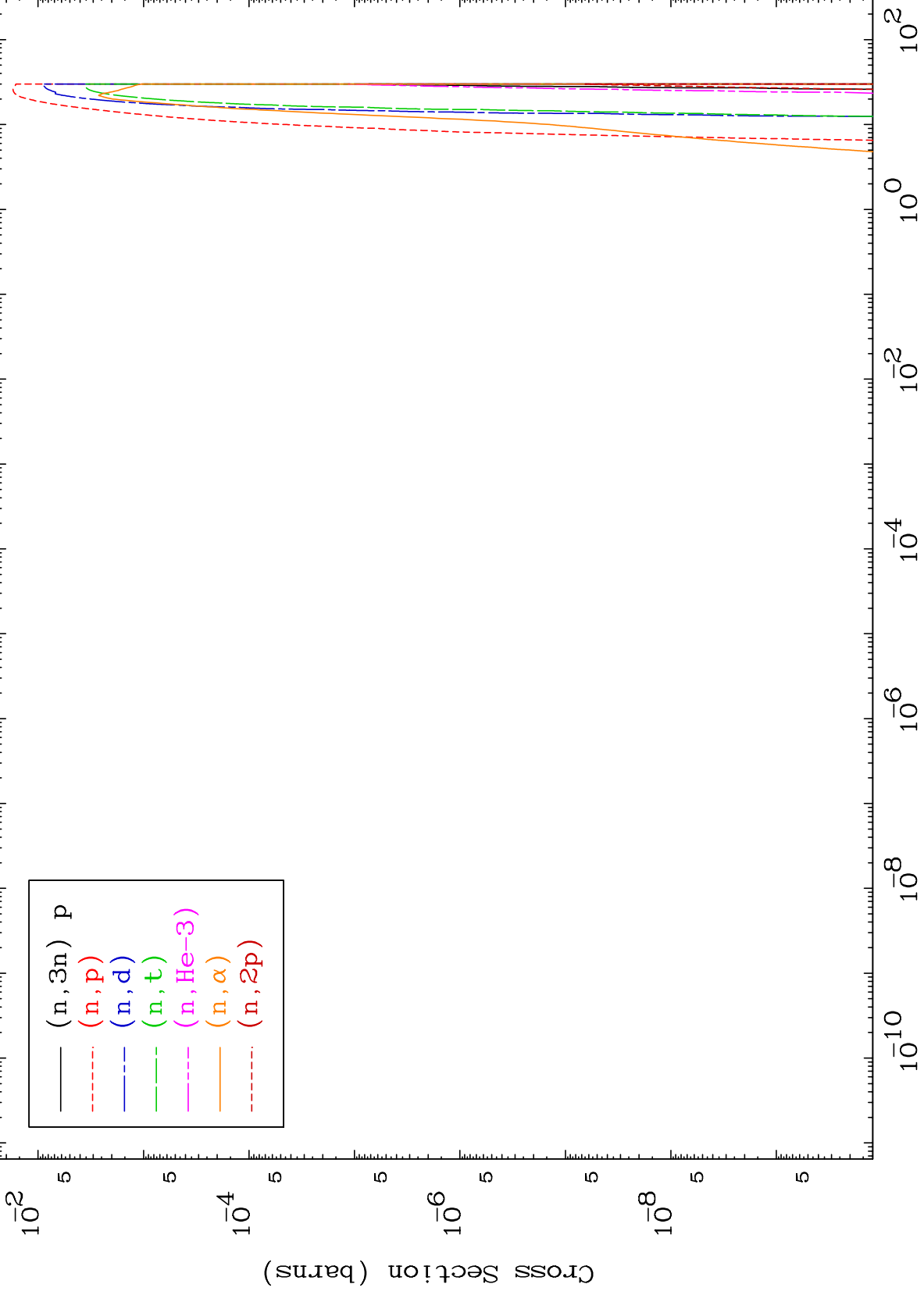
Incident Energy (MeV)

48-Cd-119

MAT 4864

Charged Particle  
293 Kelvin Cross Sections

48-Cd-119



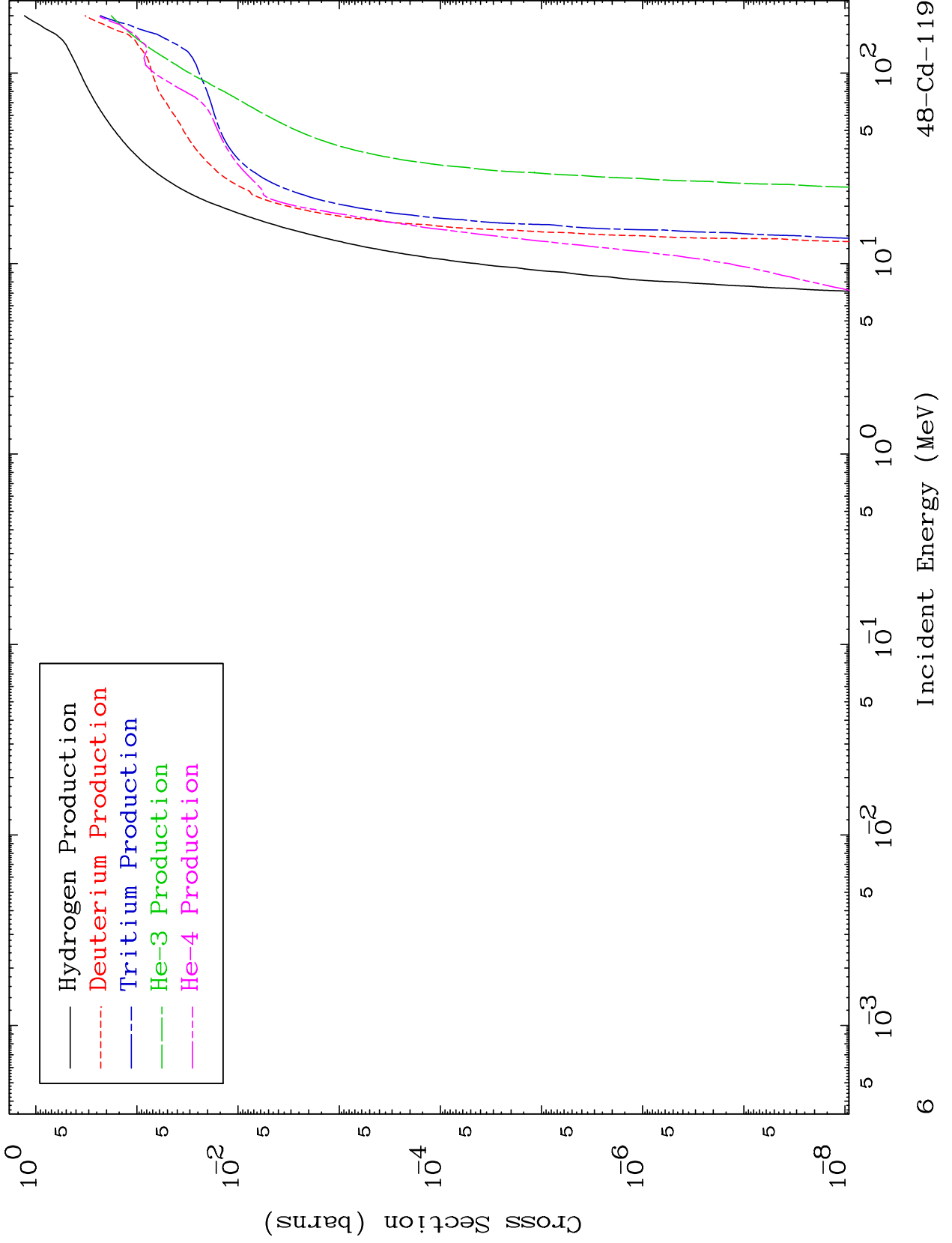
5

48-Cd-119

MAT 4864

Particle Production  
293 Kelvin Cross Sections

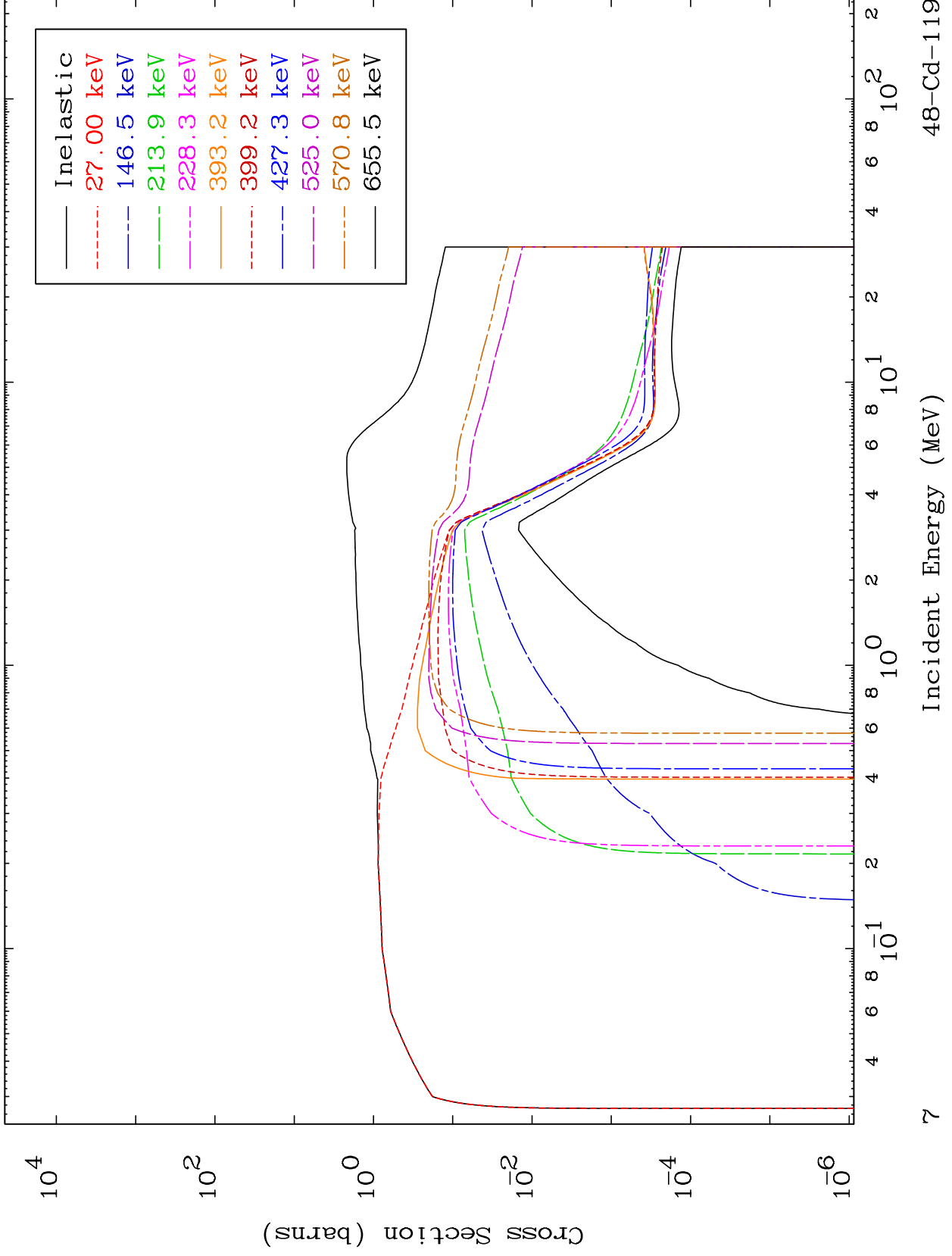
48-Cd-119



MAT 4864

(n,n') Level  
293 Kelvin Cross Sections

48-Cd-119

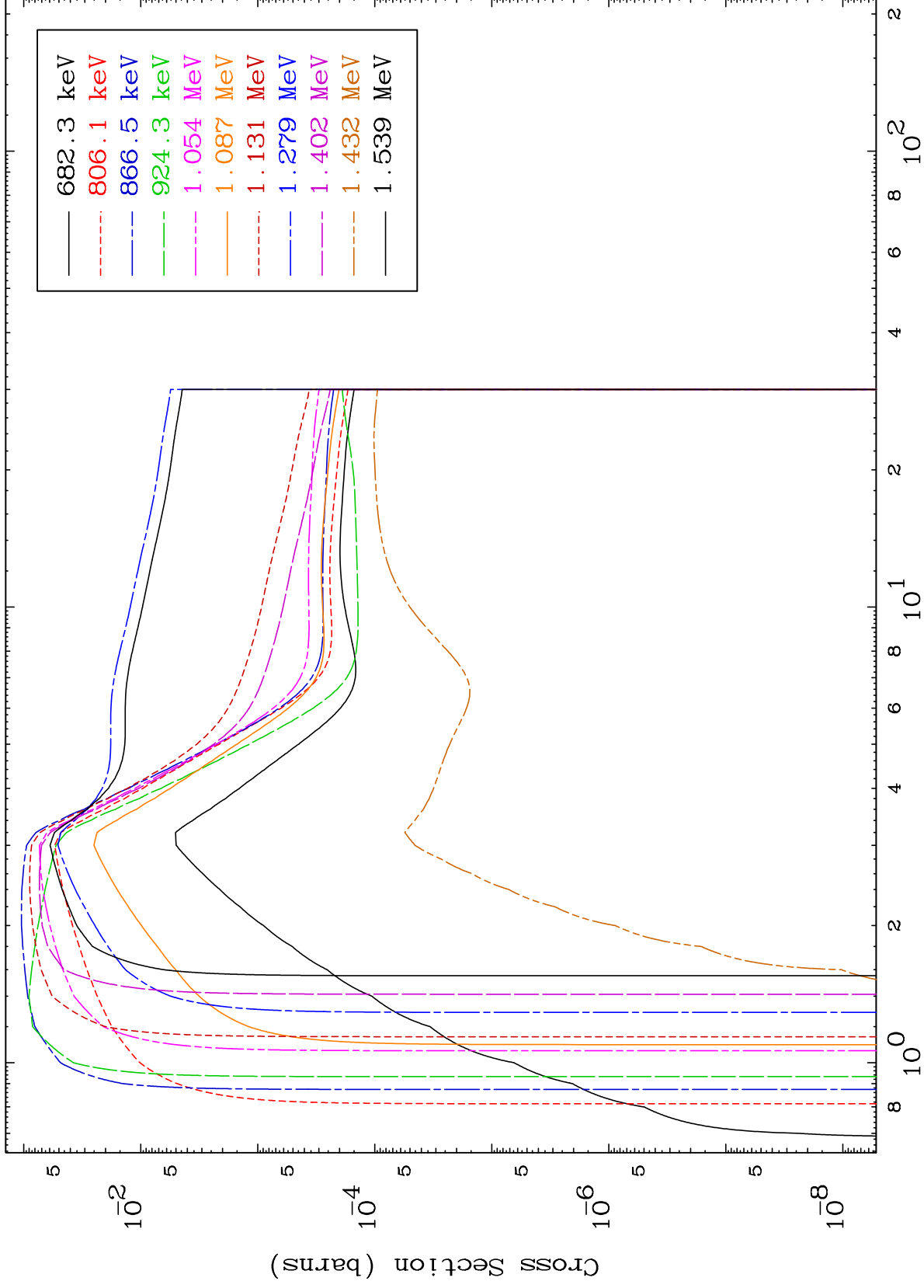




MAT 4864

(n,n') Level  
293 Kelvin Cross Sections

48-Cd-119



8

Incident Energy (MeV)

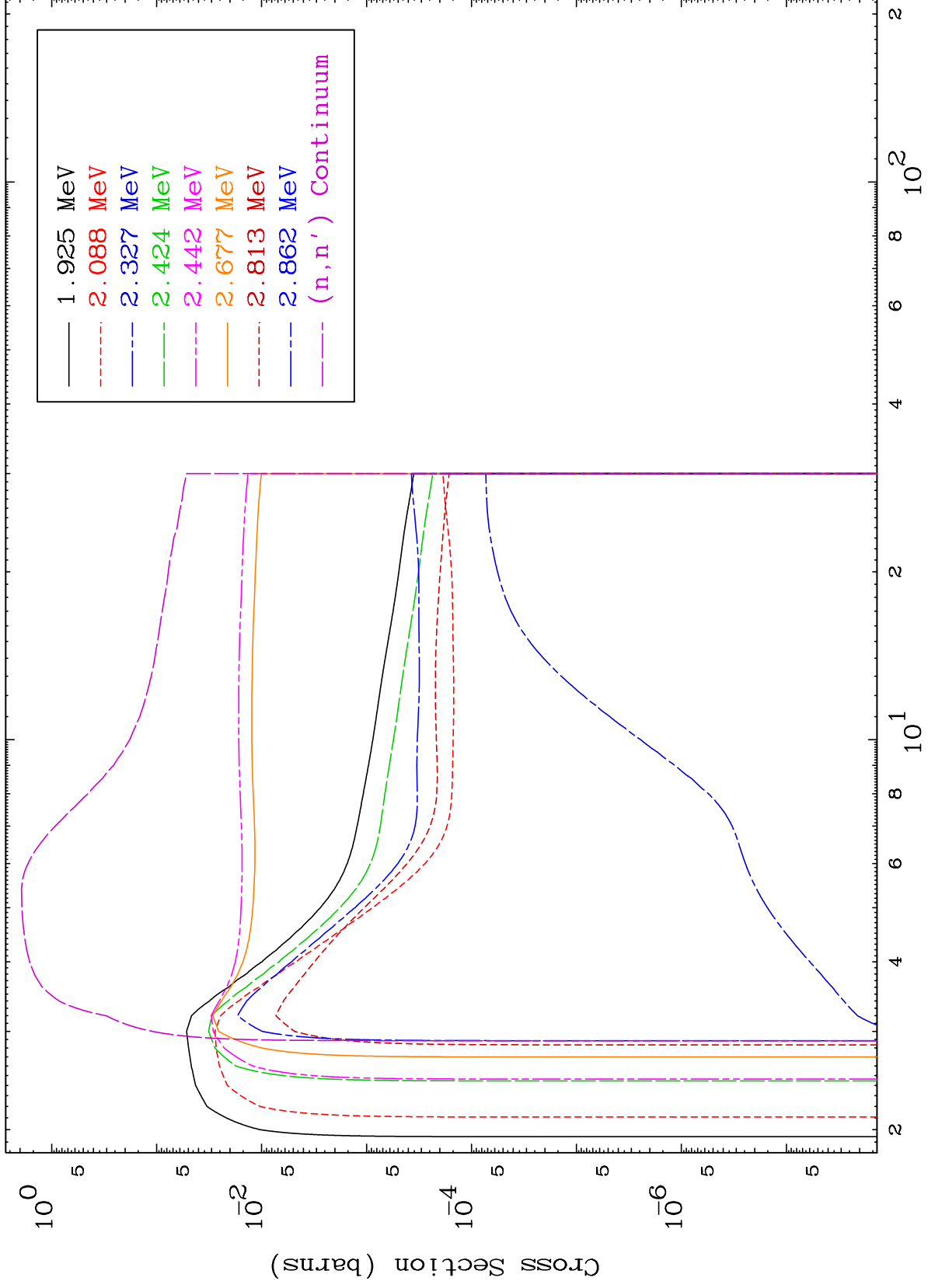
48-Cd-119

MAT 4864

(n,n') Level

48-Cd-119

293 Kelvin Cross Sections



9

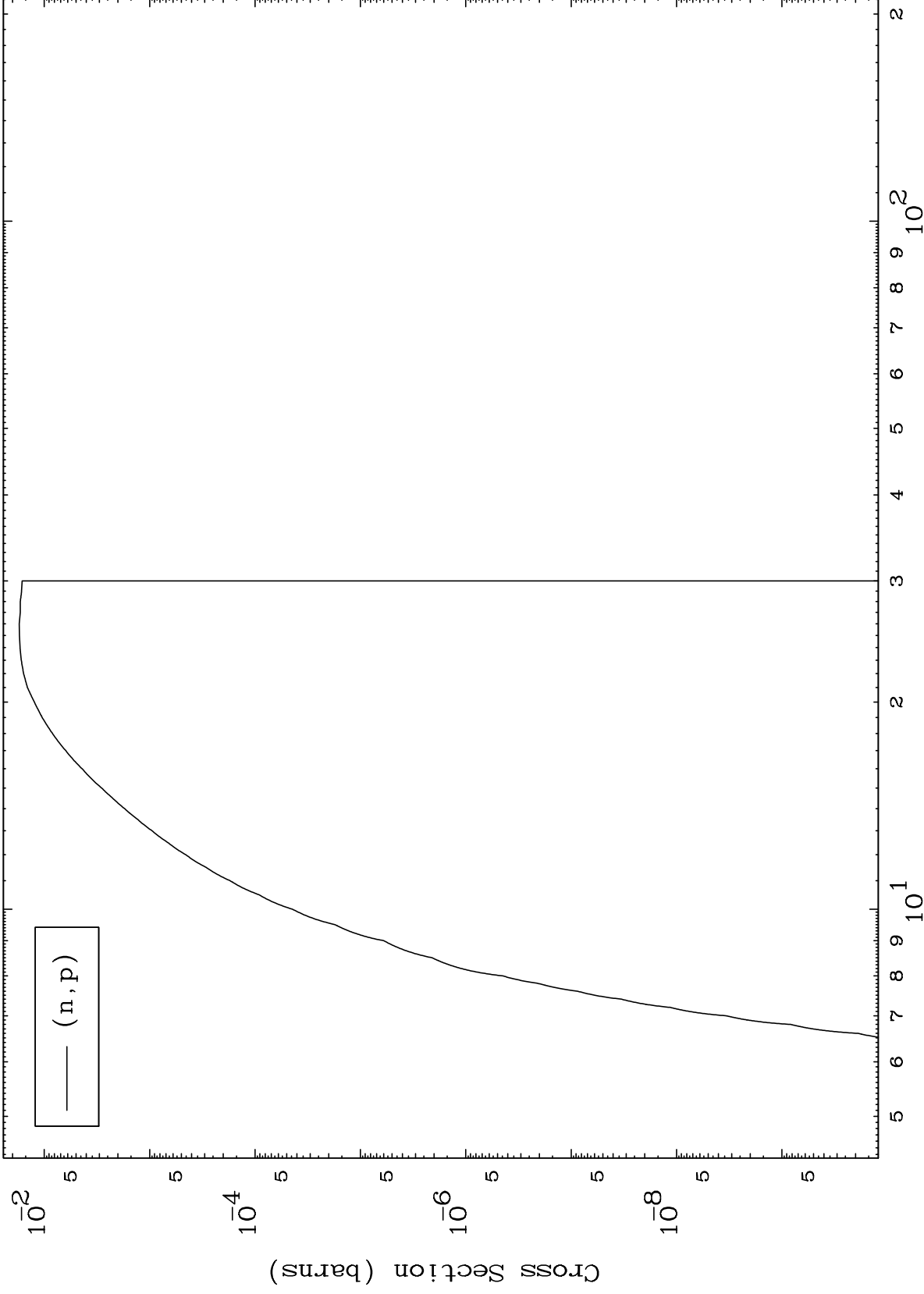
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-119



10

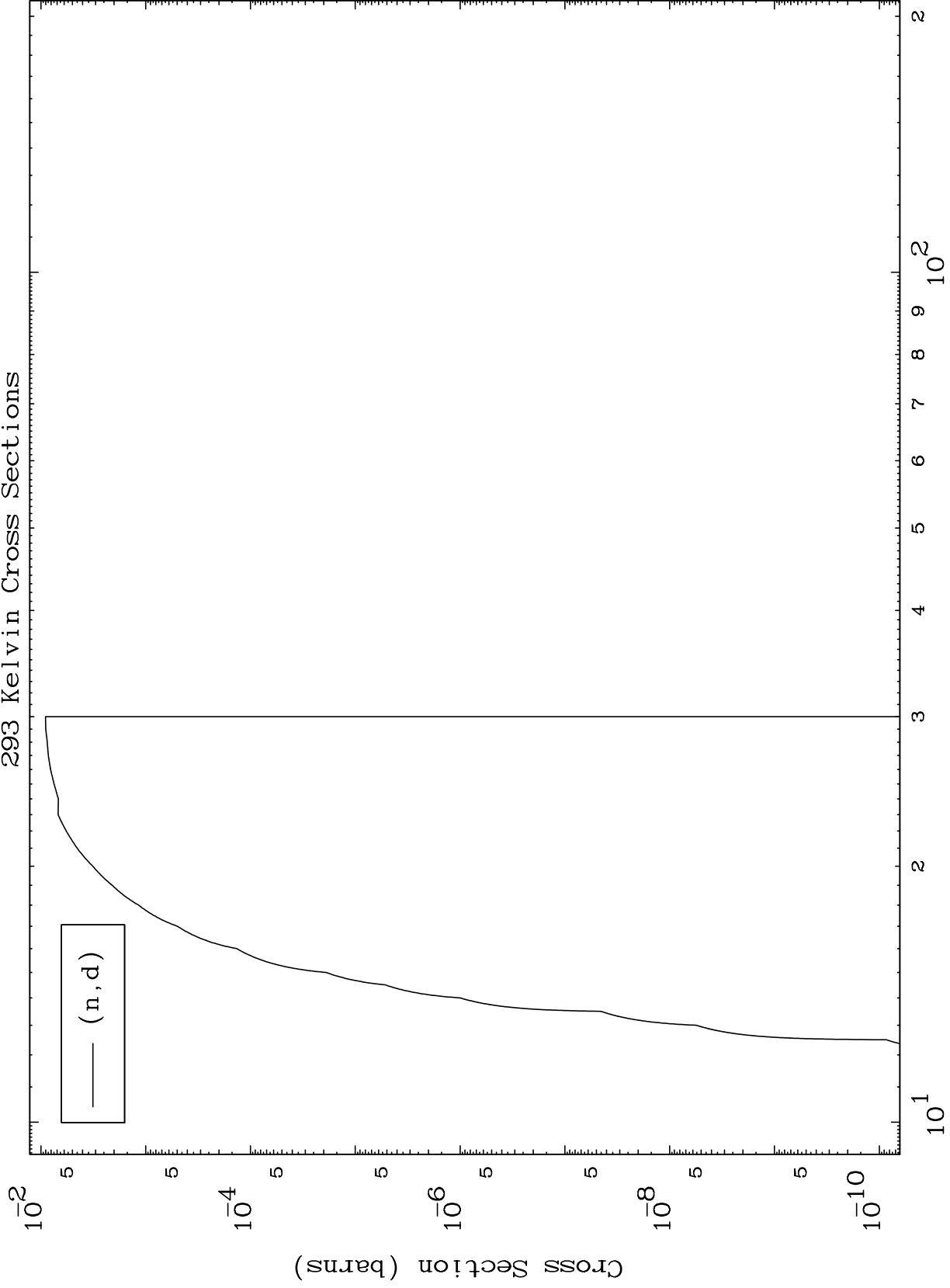
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,d) Levels  
293 Kelvin Cross Sections

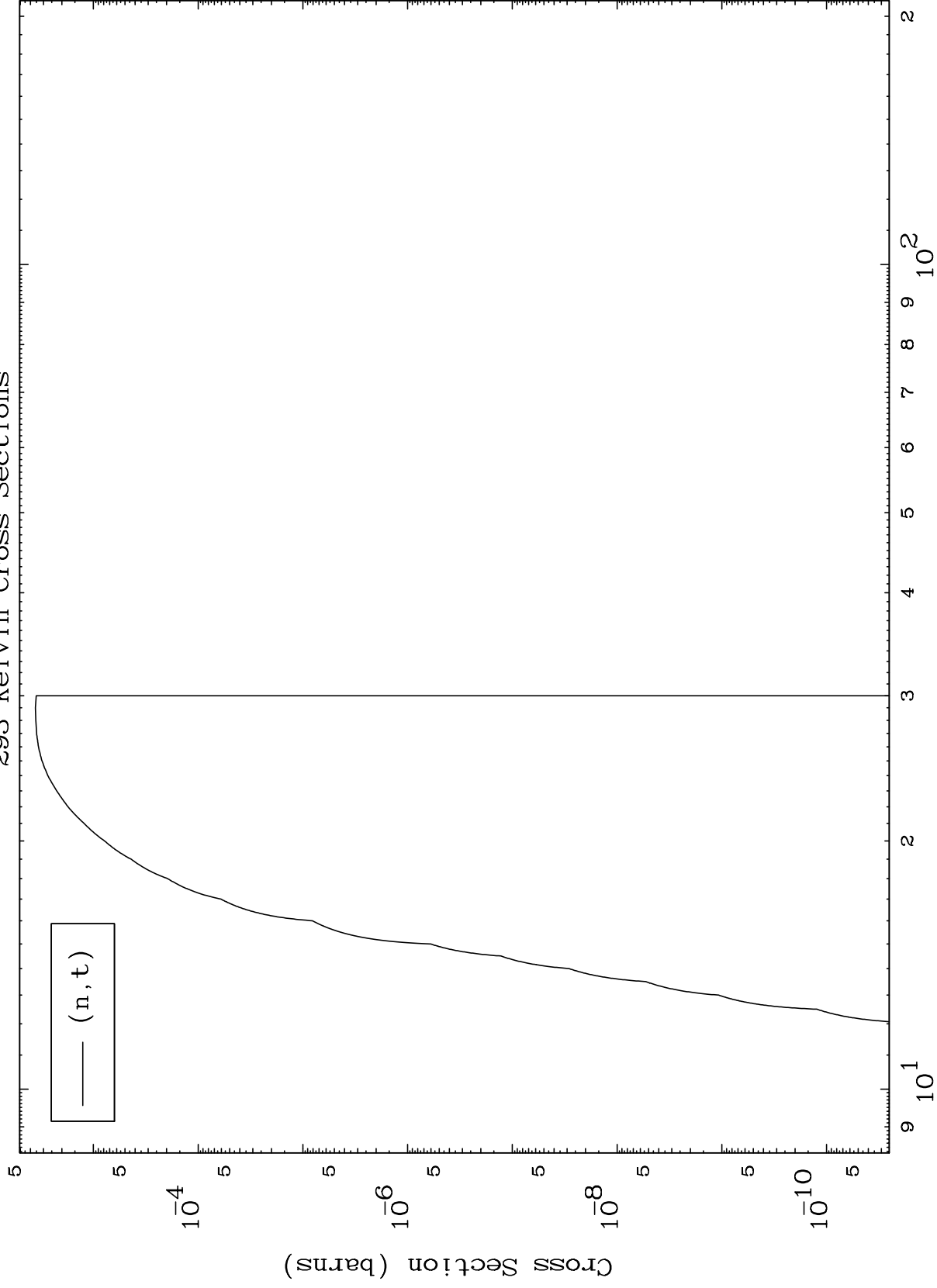
48-Cd-119



MAT 4864

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-119



12

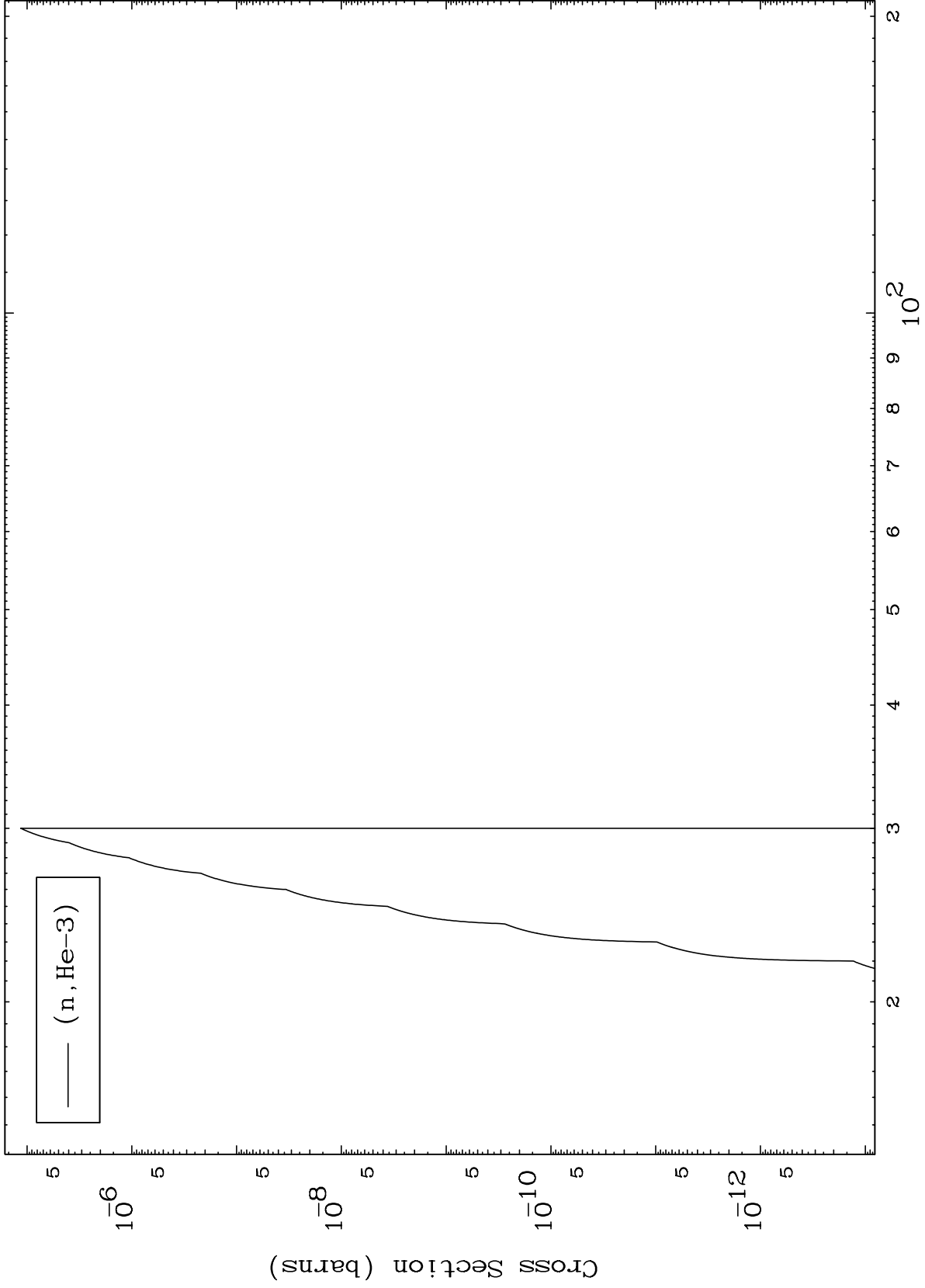
Incident Energy (MeV)

48-Cd-119

MAT 4864

(n,He3) Levels  
293 Kelvin Cross Sections

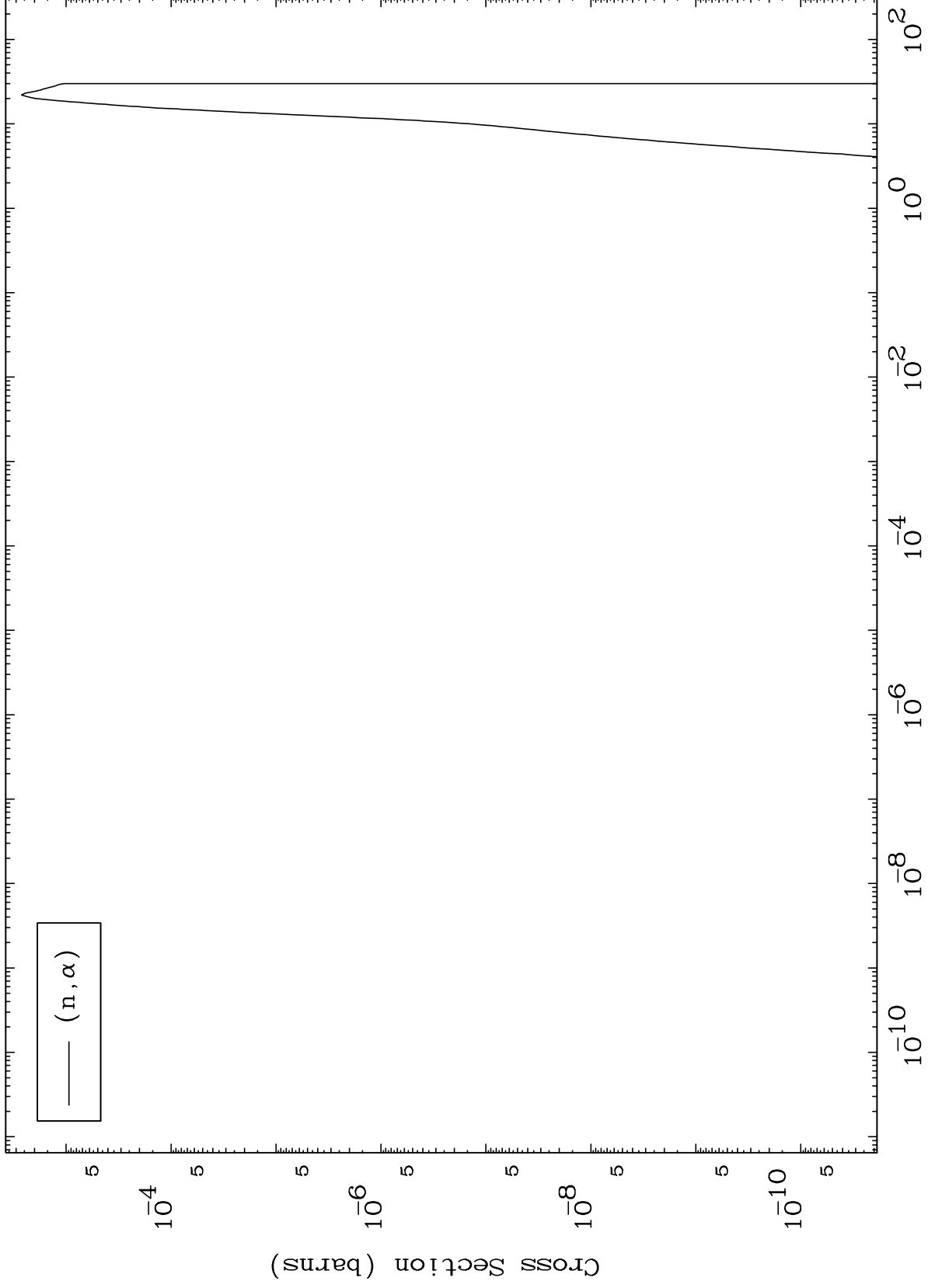
48-Cd-119



MAT 4864

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

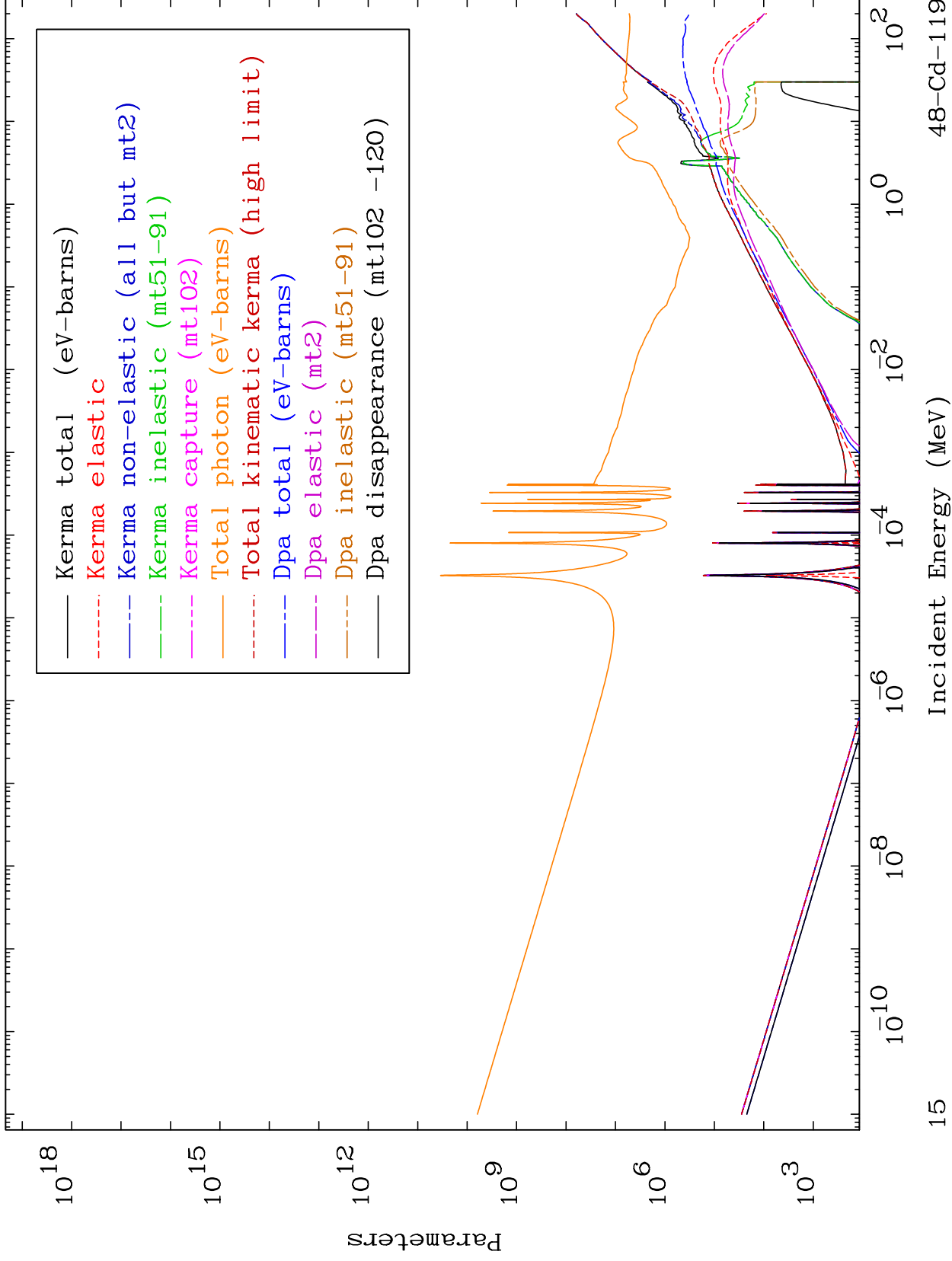
48-Cd-119



14

Incident Energy (MeV)

48-Cd-119

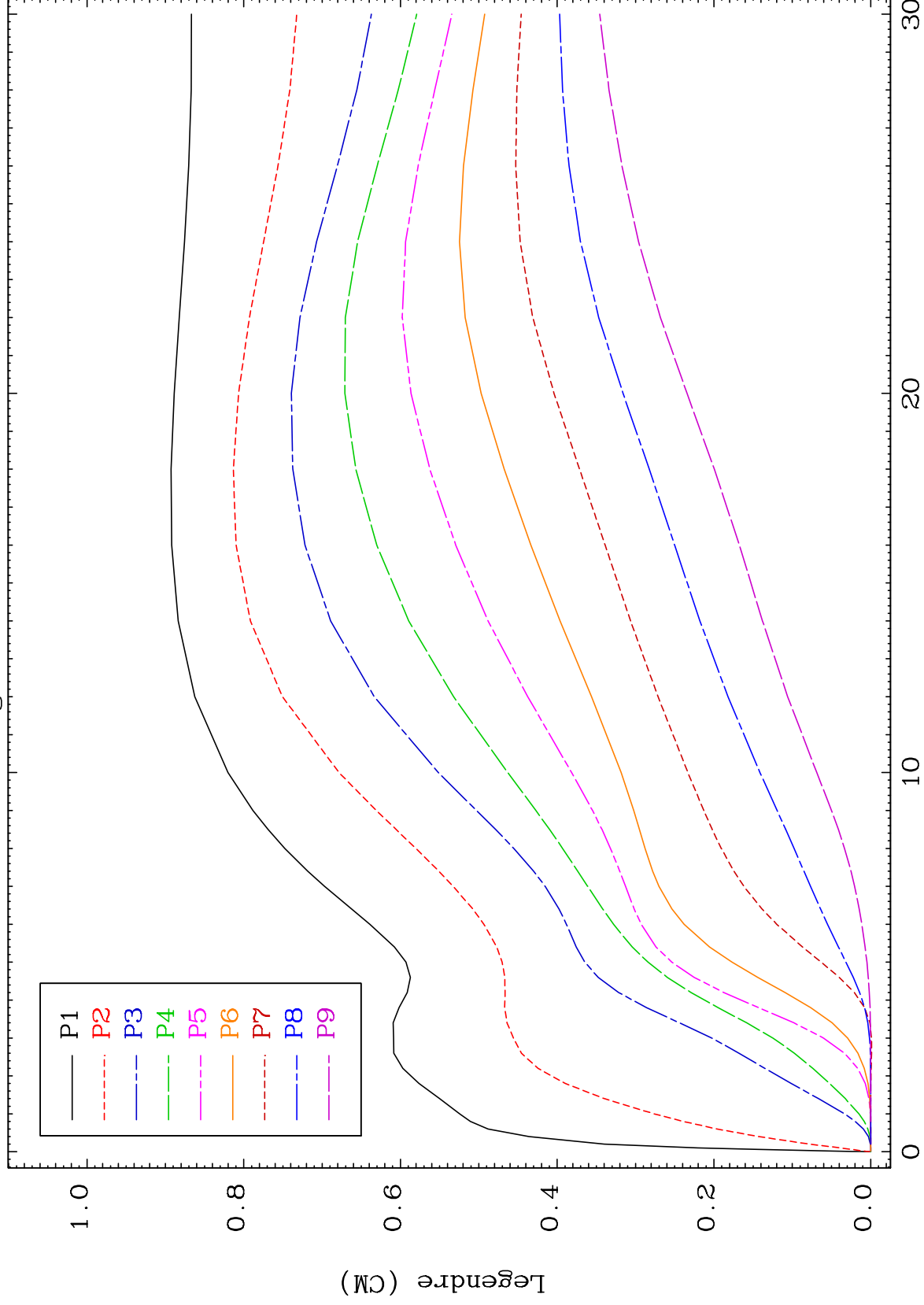




MAT 4864

Elastic Legendre Coefficients

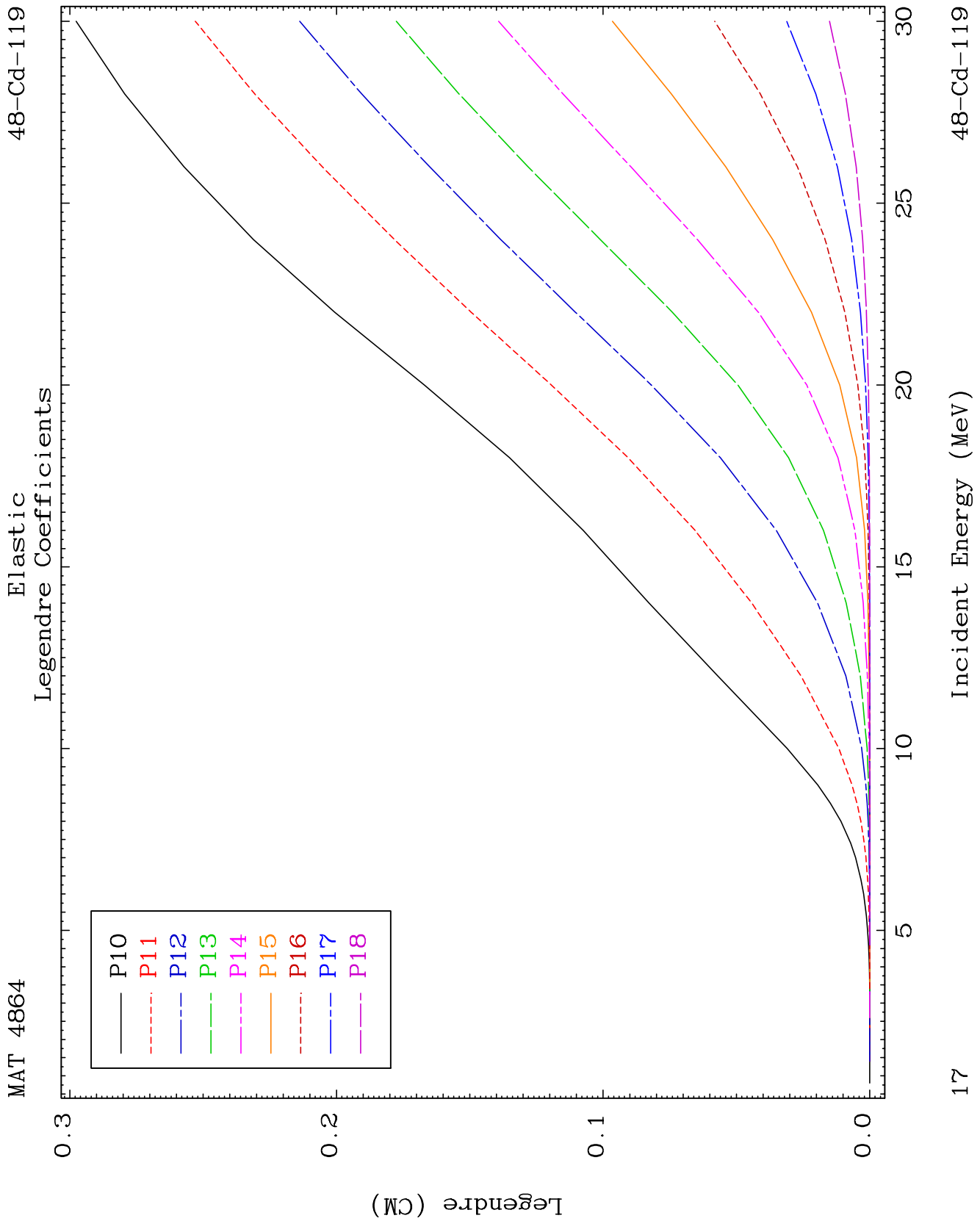
48-Cd-119



16

Incident Energy (MeV)

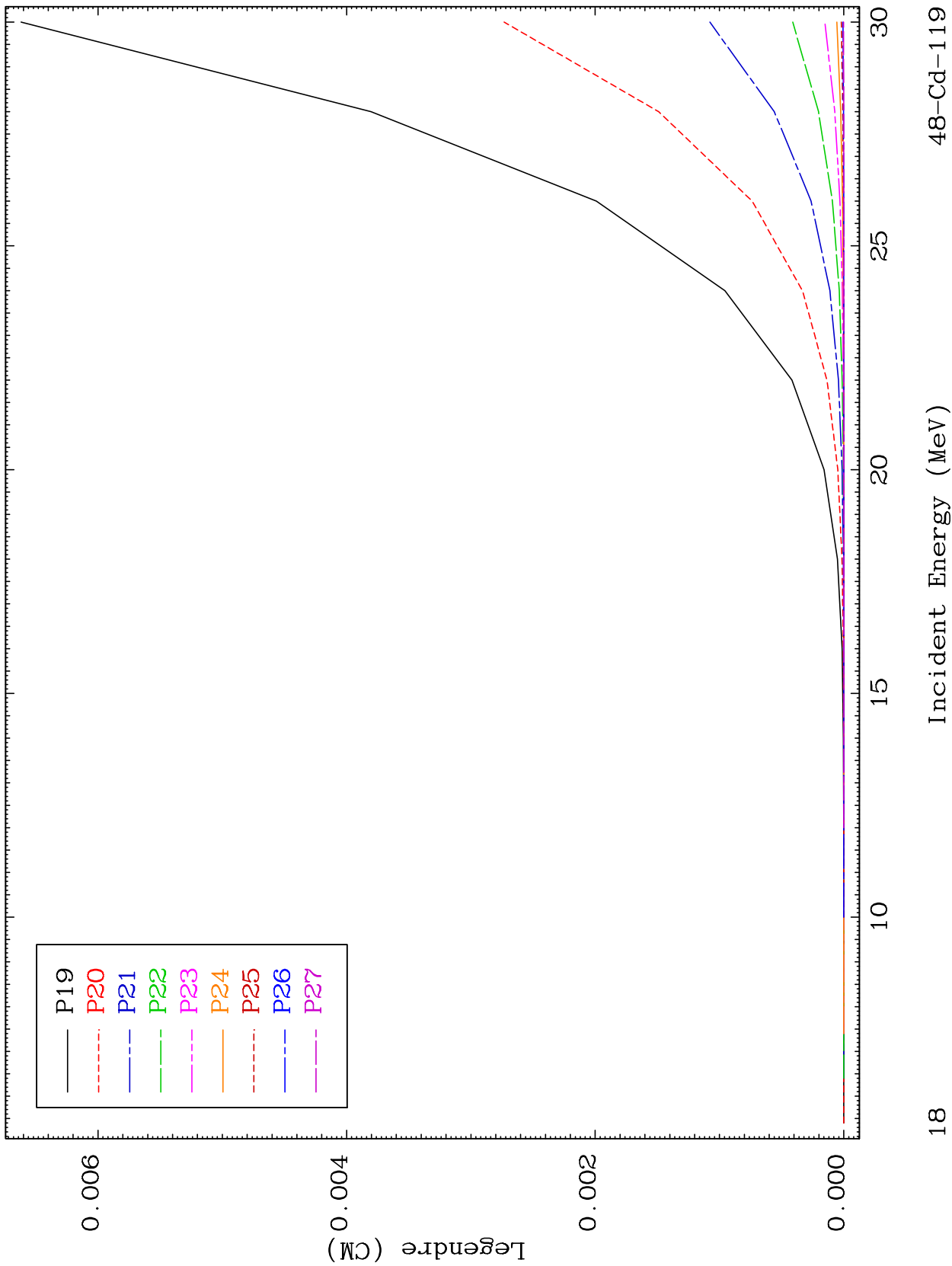
48-Cd-119



MAT 4864

Elastic Legendre Coefficients

48-Cd-119



18

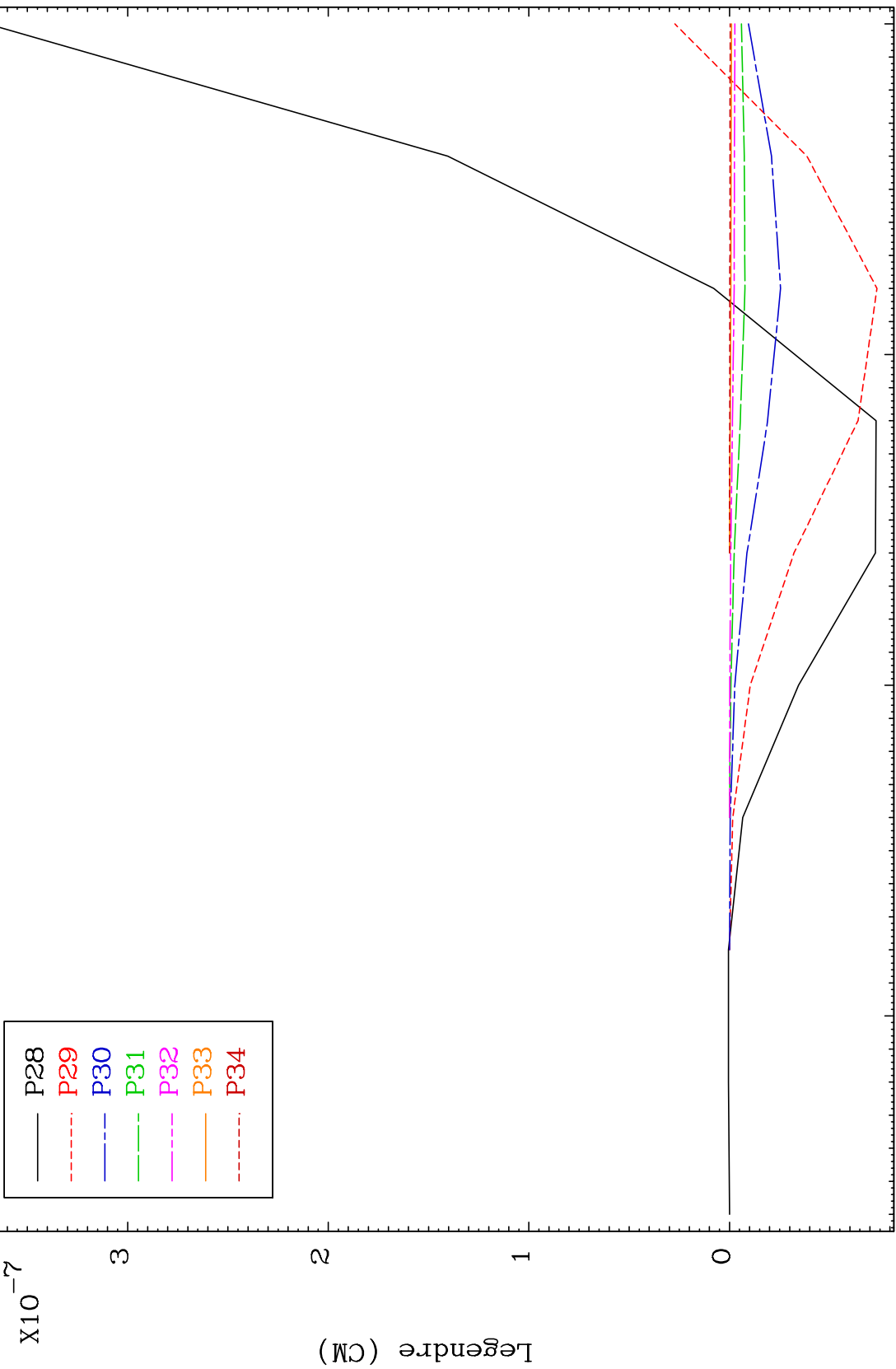
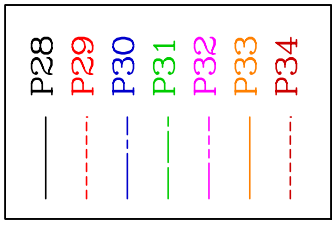
Incident Energy (MeV)

48-Cd-119

MAT 4864

Elastic Legendre Coefficients

48-Cd-119



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Incident Energy (MeV)

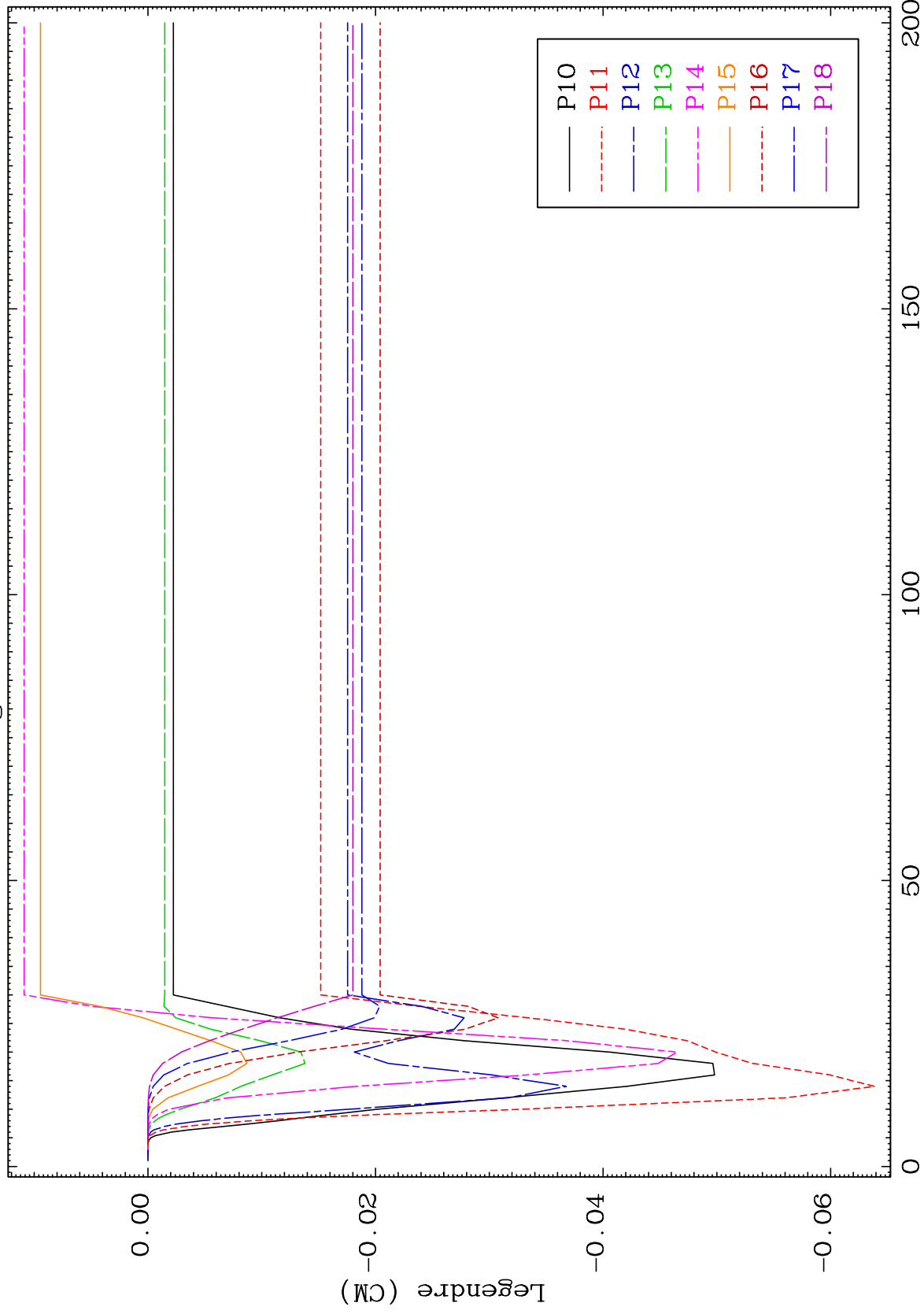
48-Cd-119



MAT 4864

27.00 keV (n,n') Level  
Legendre Coefficients

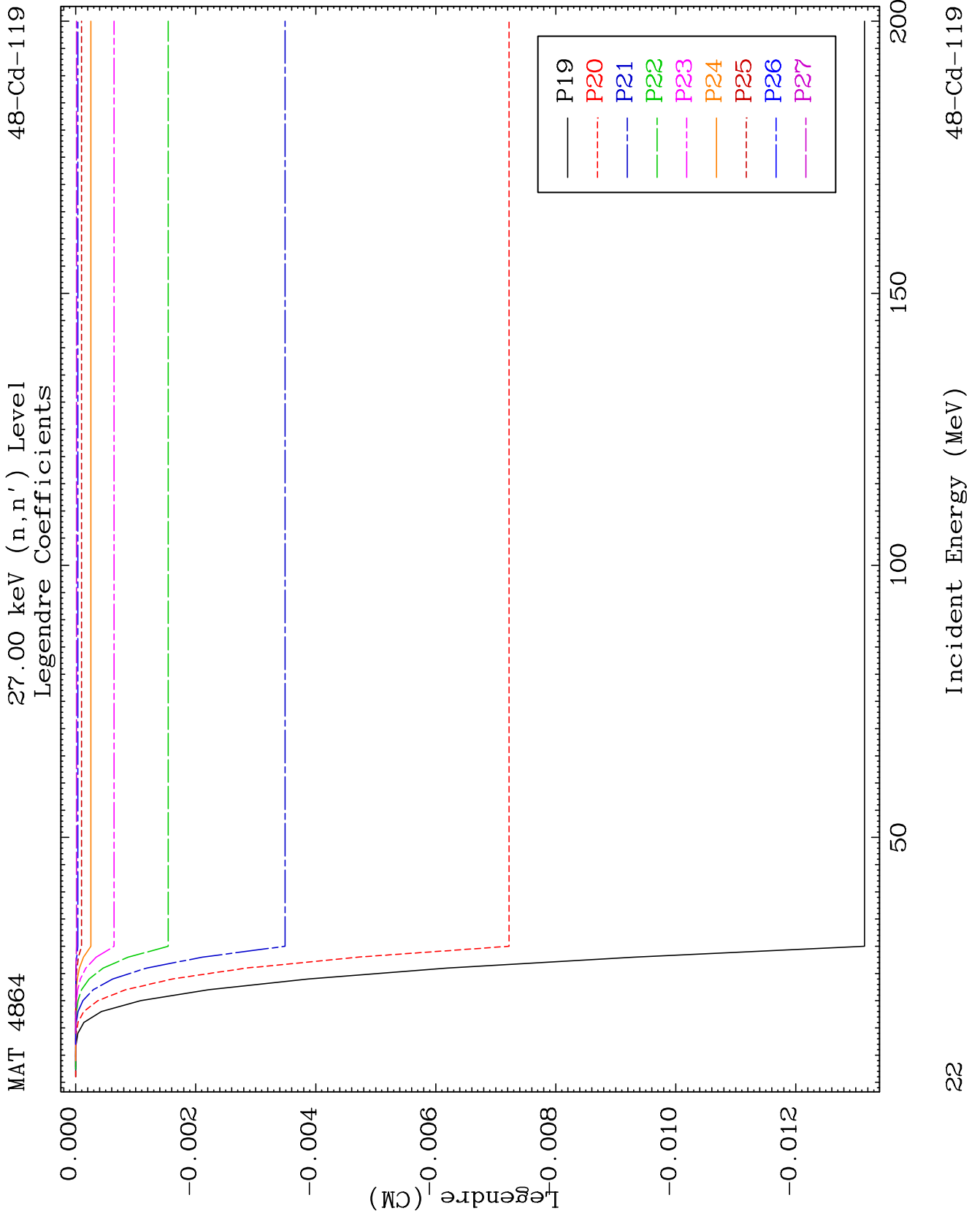
48-Cd-119

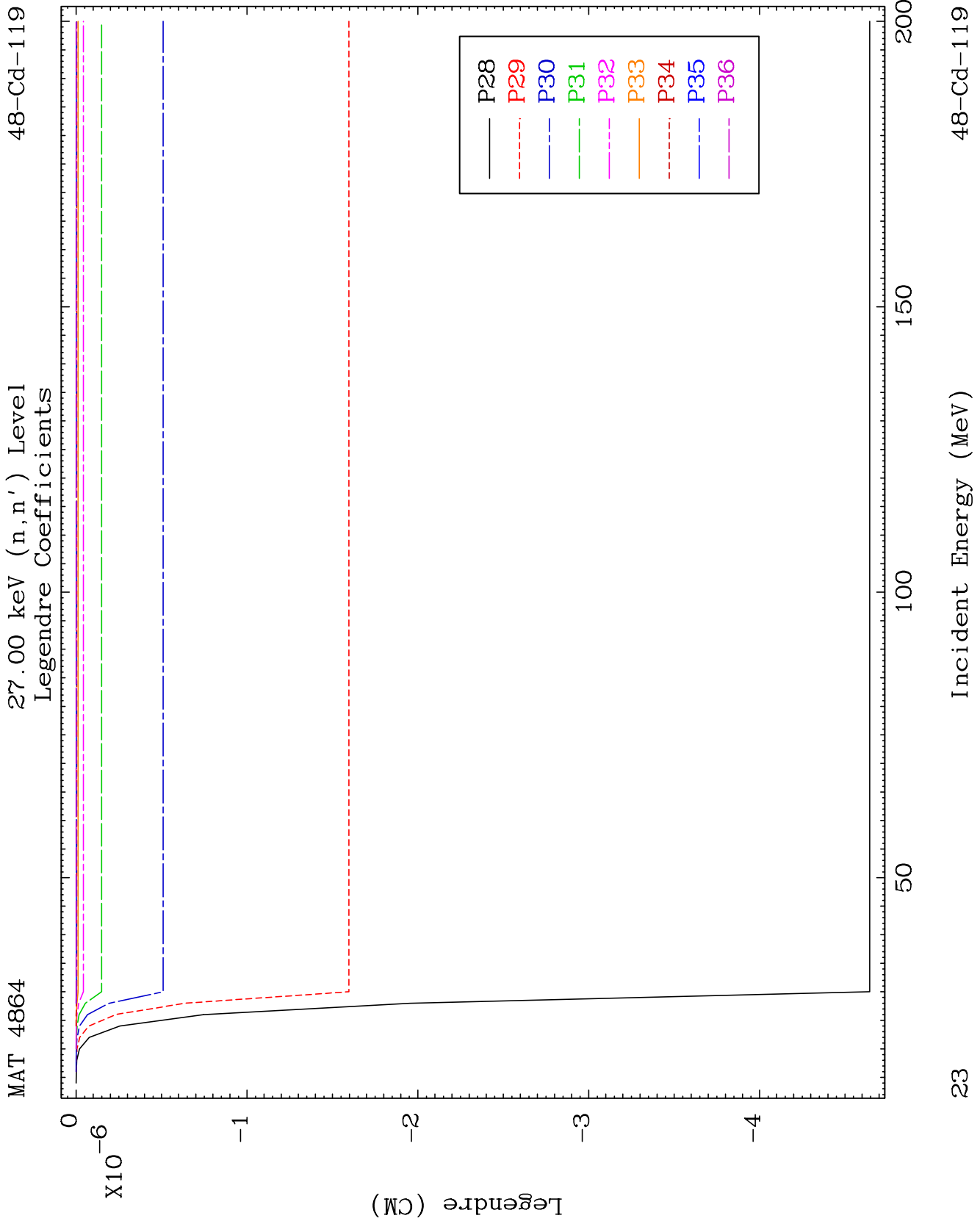


21

Incident Energy (MeV)

48-Cd-119



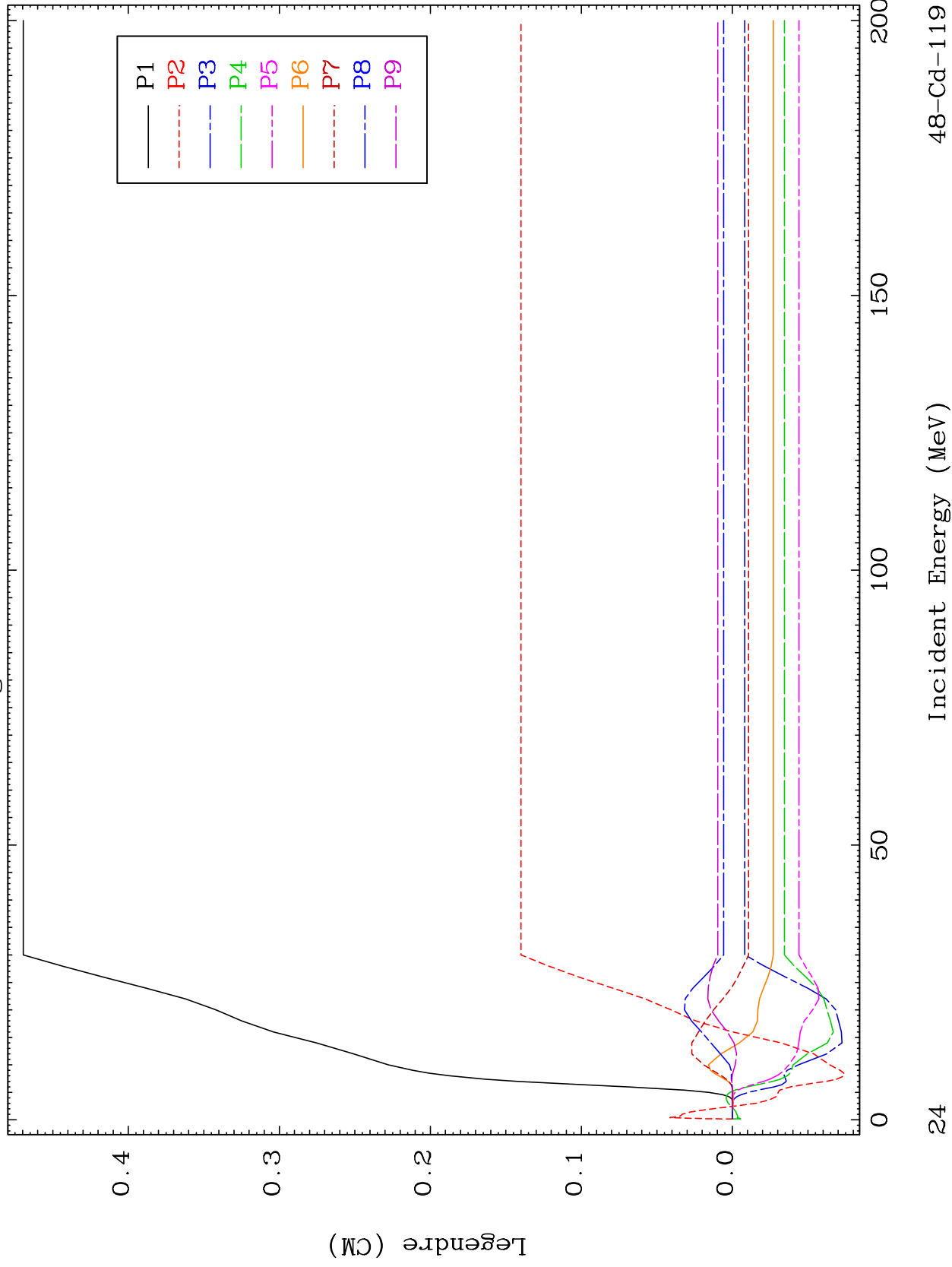




MAT 4864

146.5 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



48-Cd-119

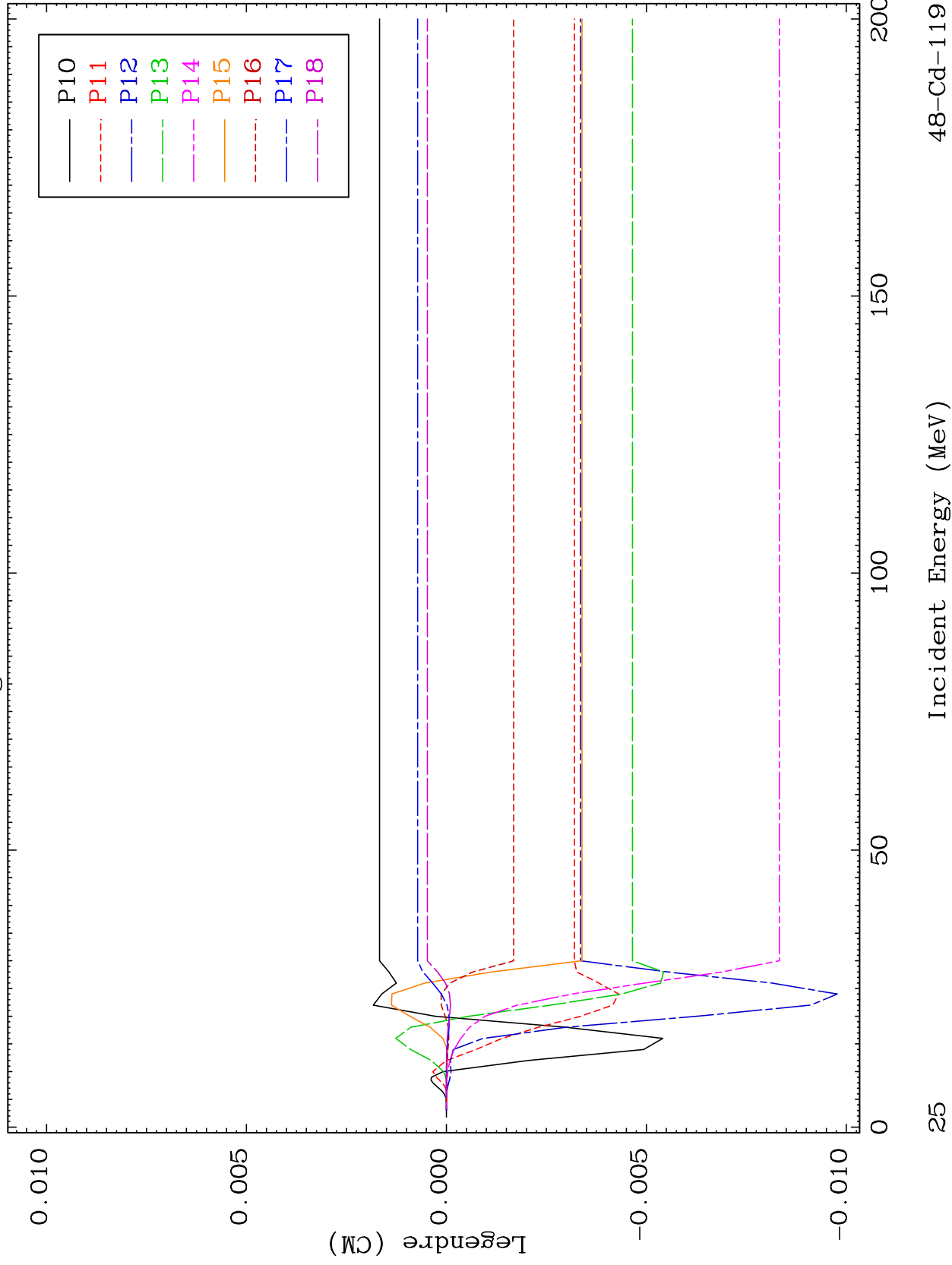
Incident Energy (MeV)

24

MAT 4864

146.5 keV (n,n') Level  
Legendre Coefficients

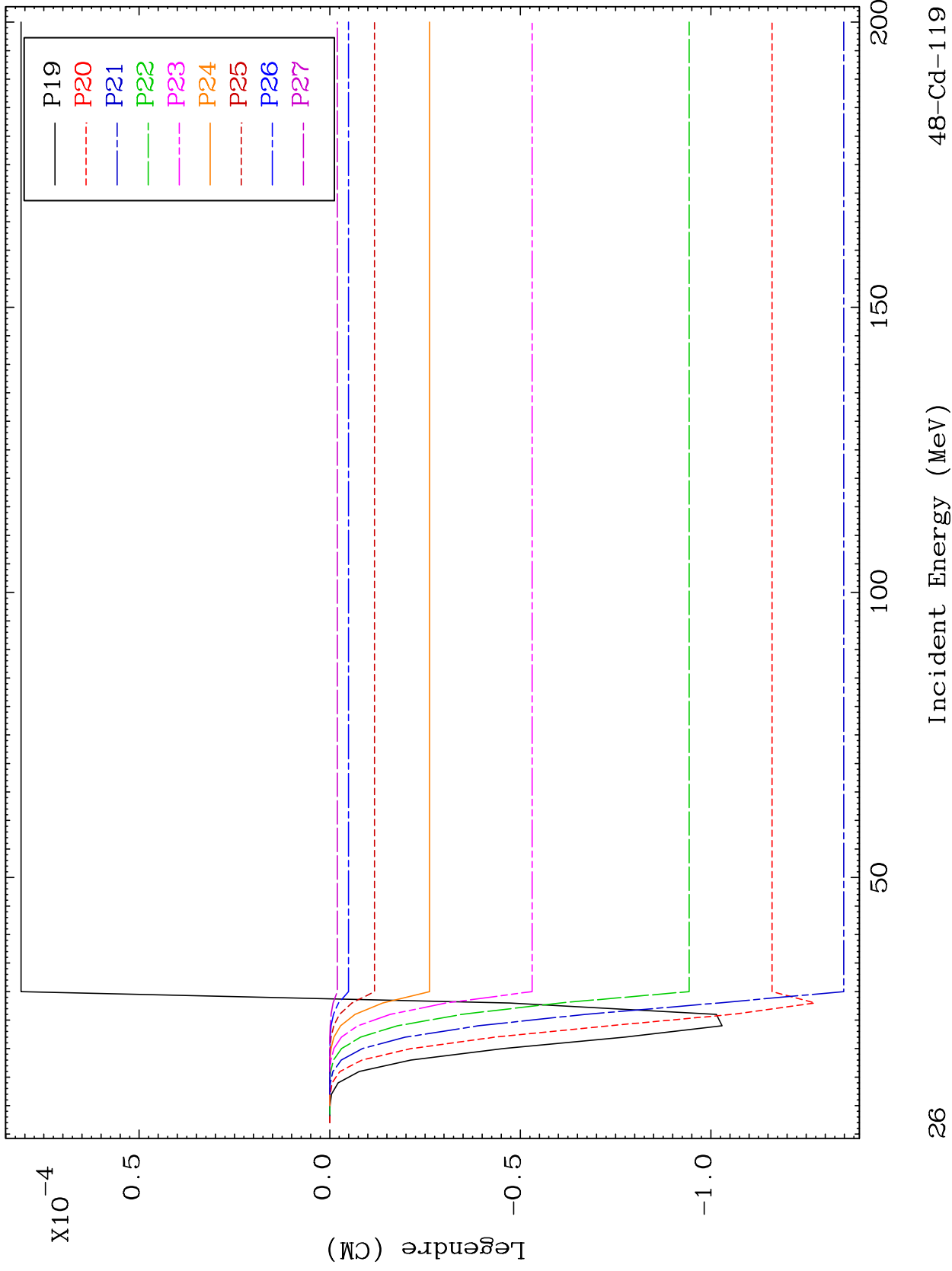
48-Cd-119

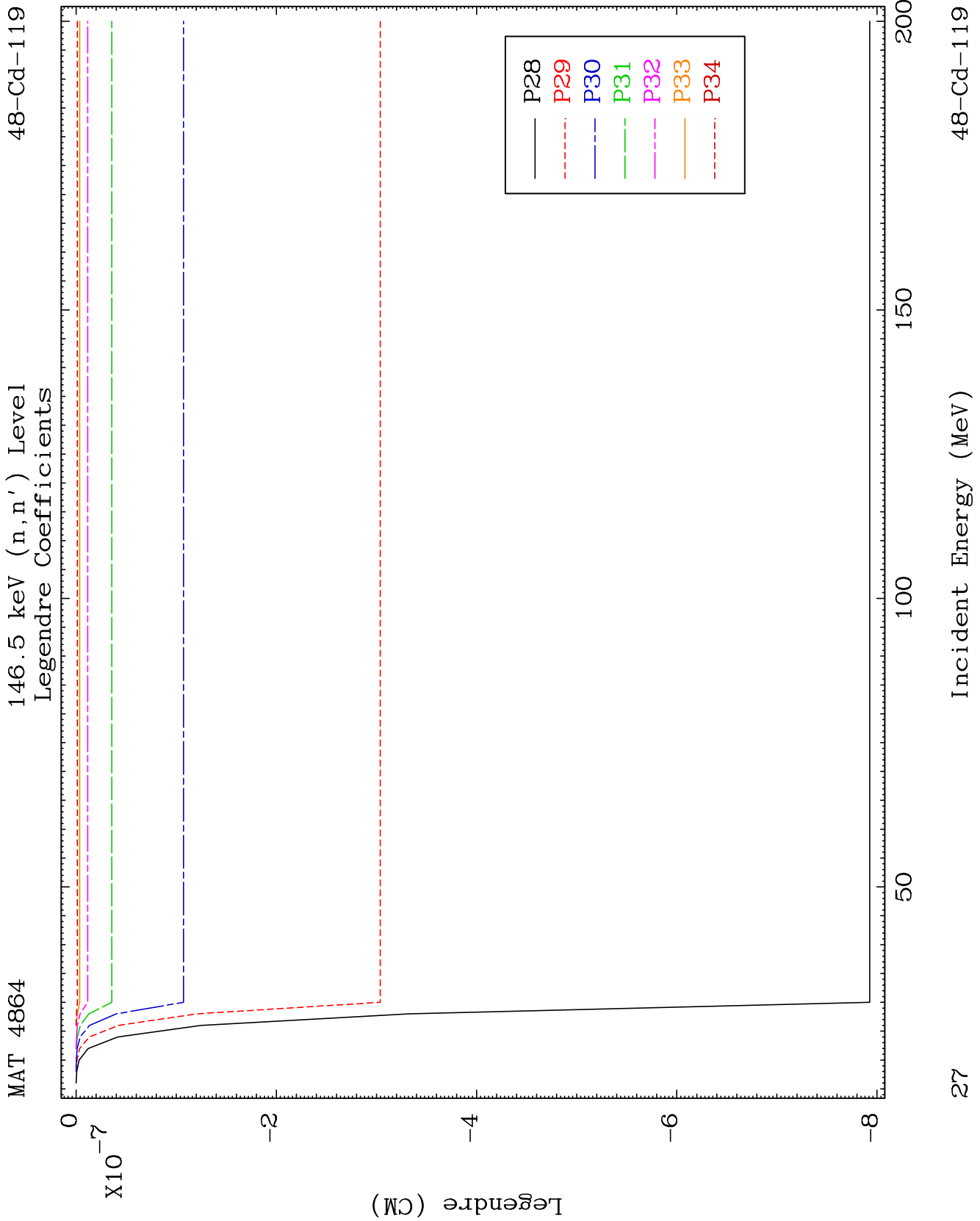


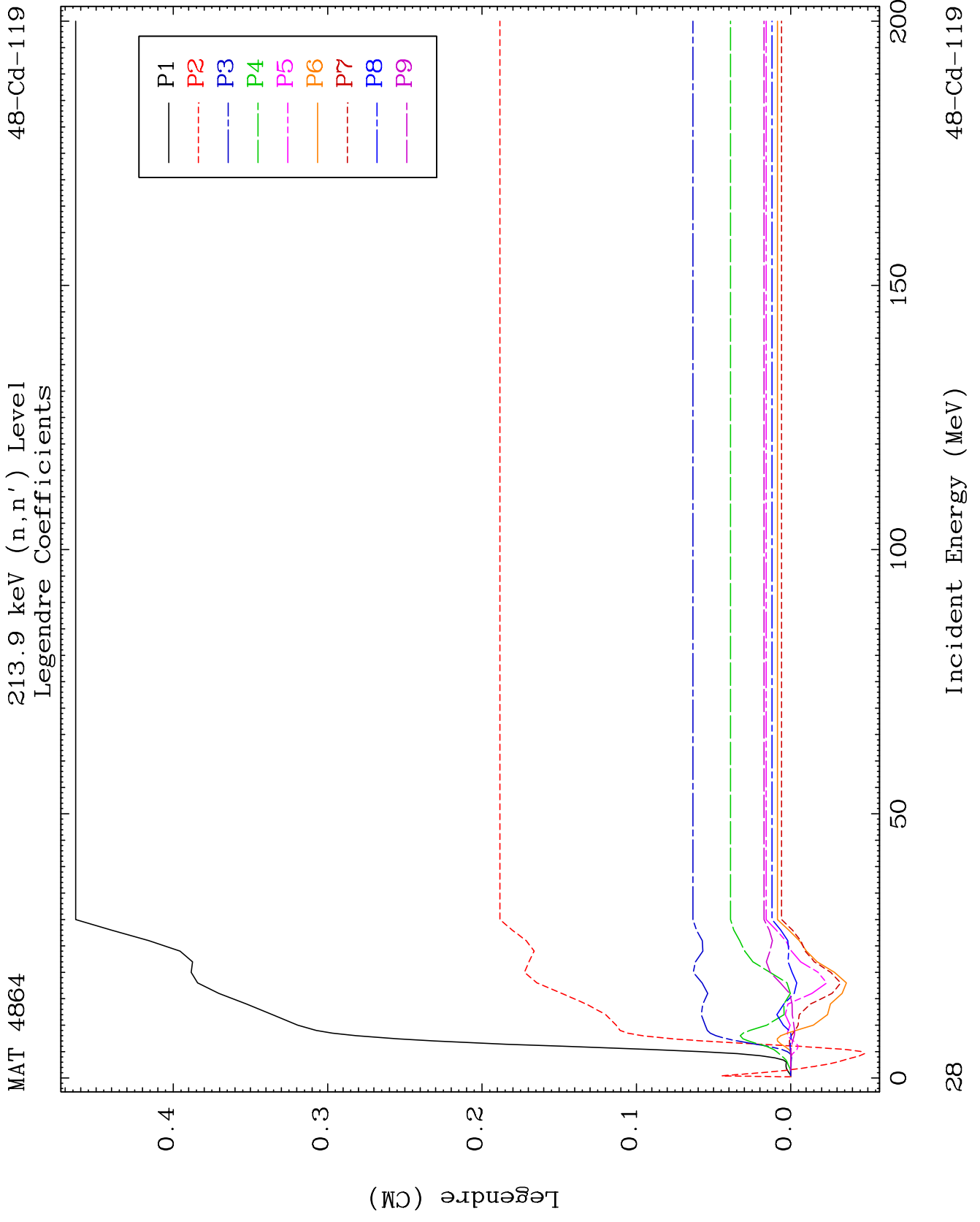
48-Cd-119

Incident Energy (MeV)

25



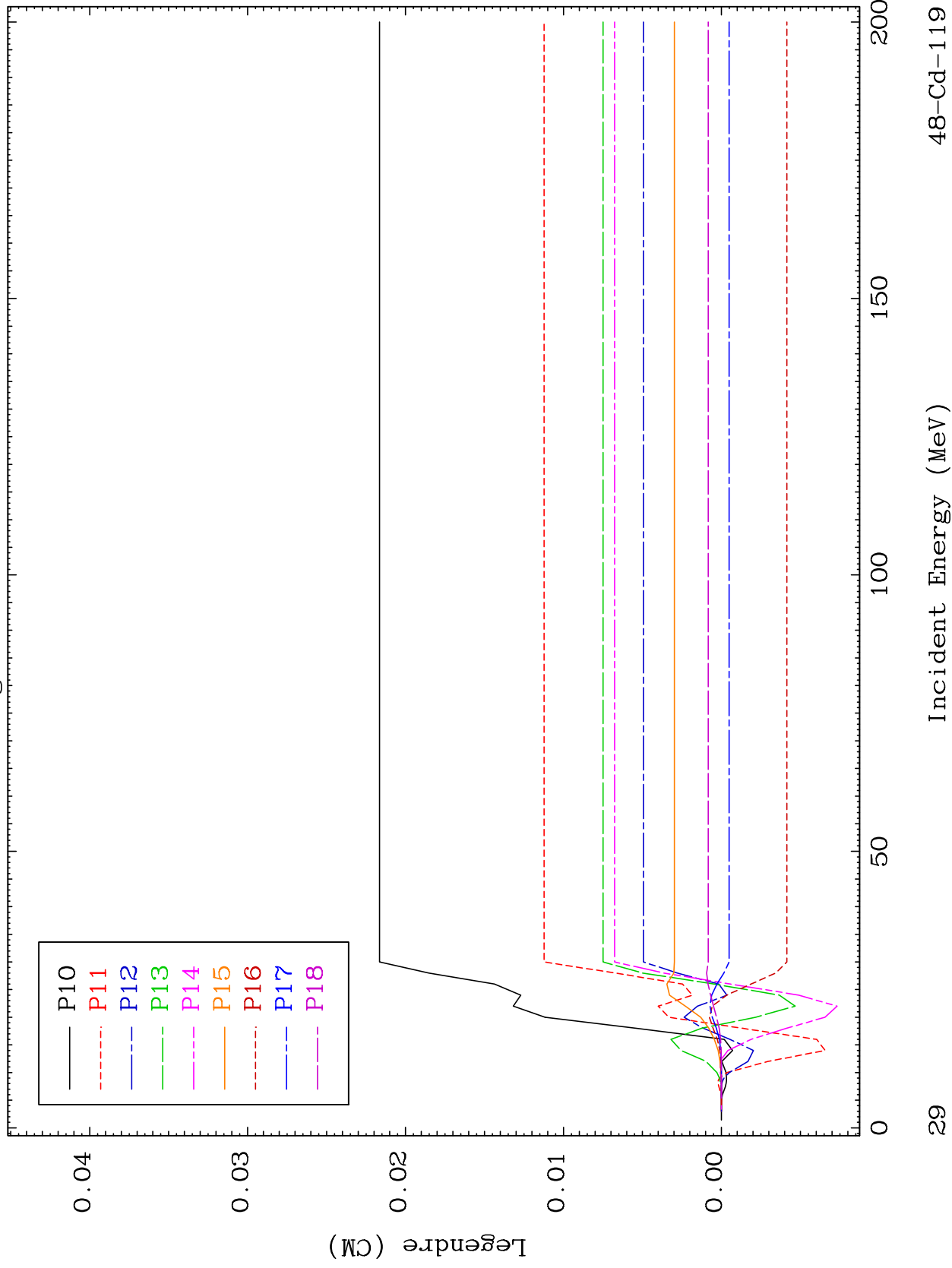




MAT 4864

213.9 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



29

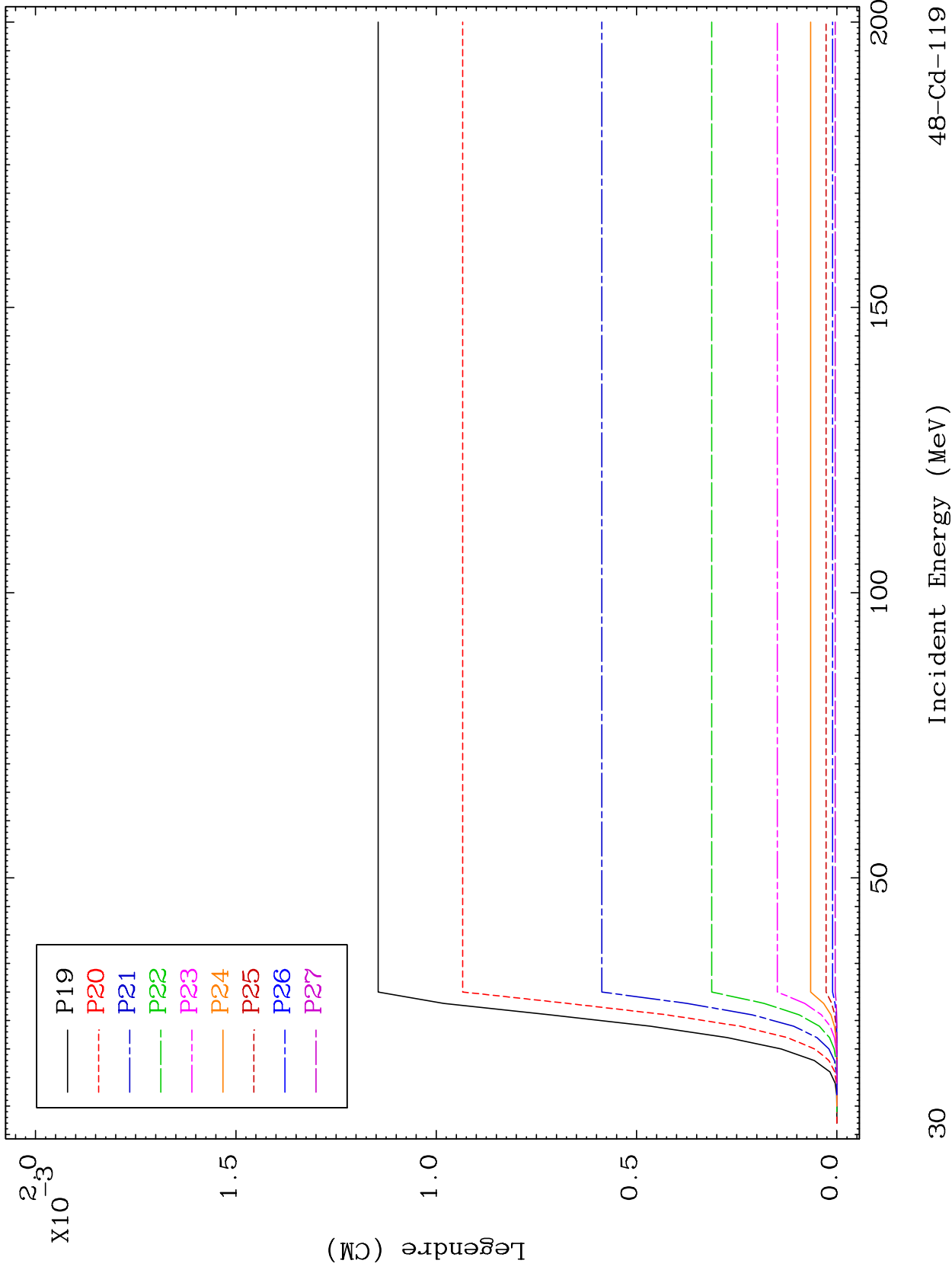
Incident Energy (MeV)

48-Cd-119

MAT 4864

213.9 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



30

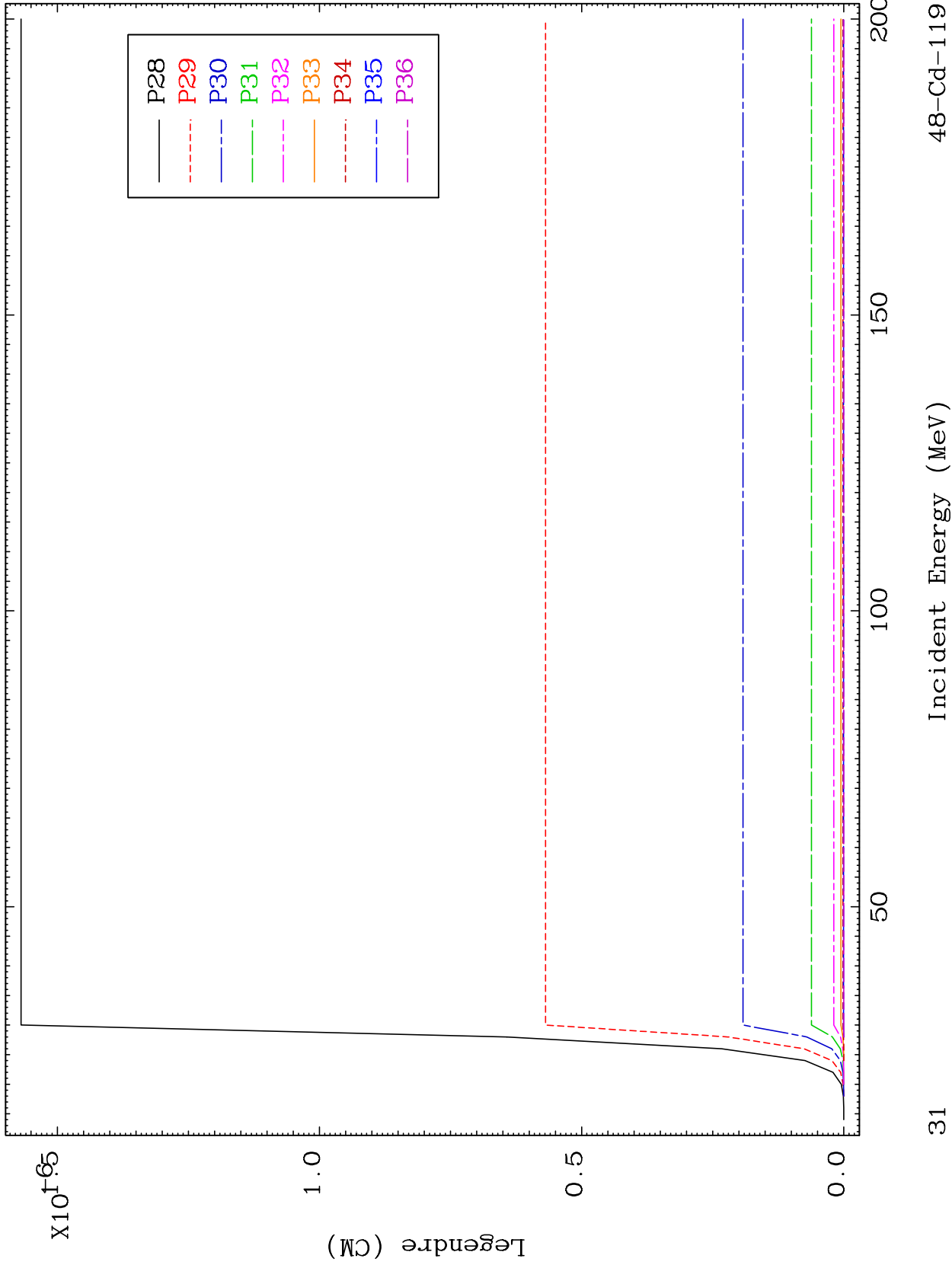
Incident Energy (MeV)

48-Cd-119

MAT 4864

213.9 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



31

Incident Energy (MeV)

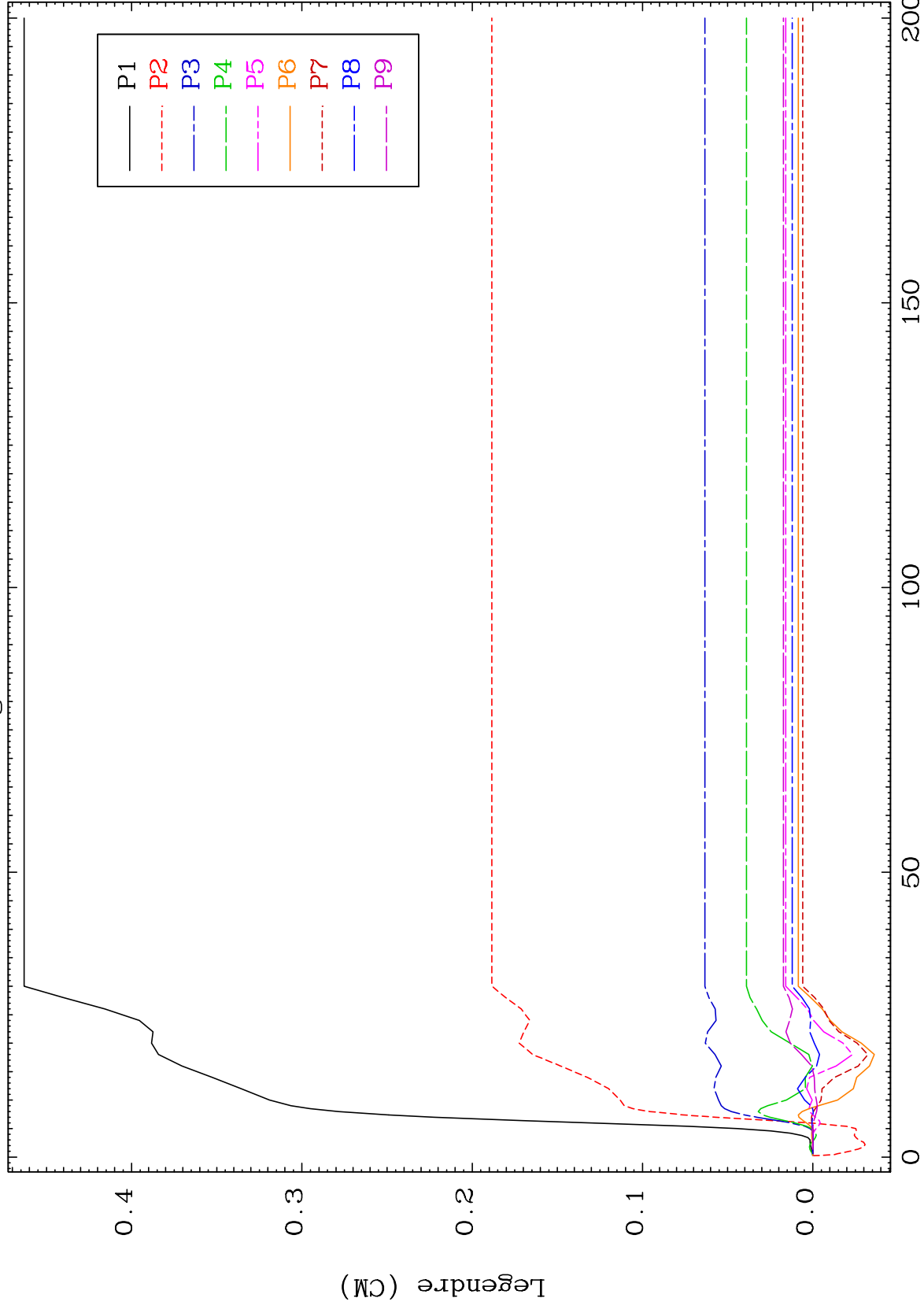
48-Cd-119



MAT 4864

228.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



32

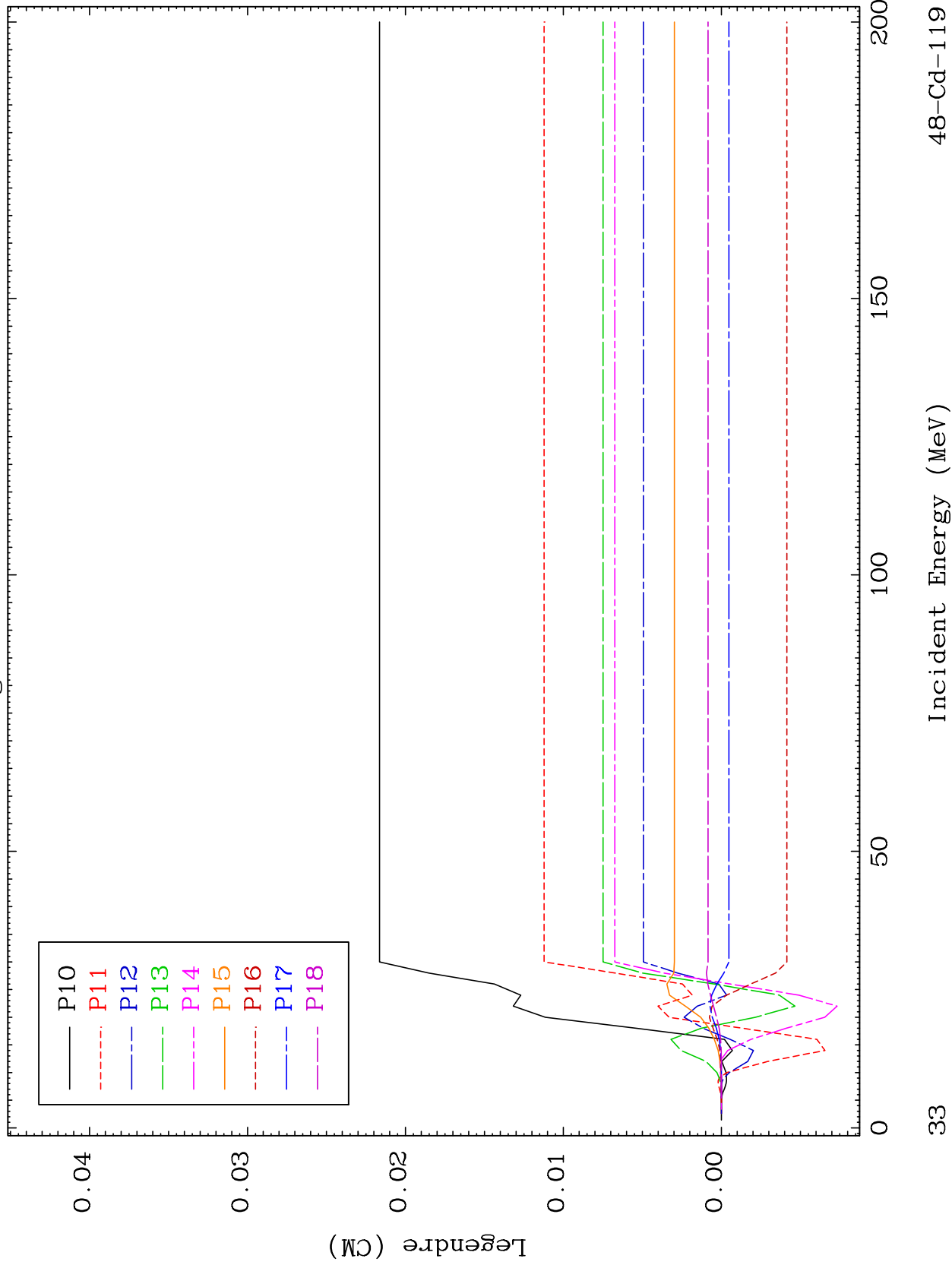
Incident Energy (MeV)

48-Cd-119

MAT 4864

228.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



33

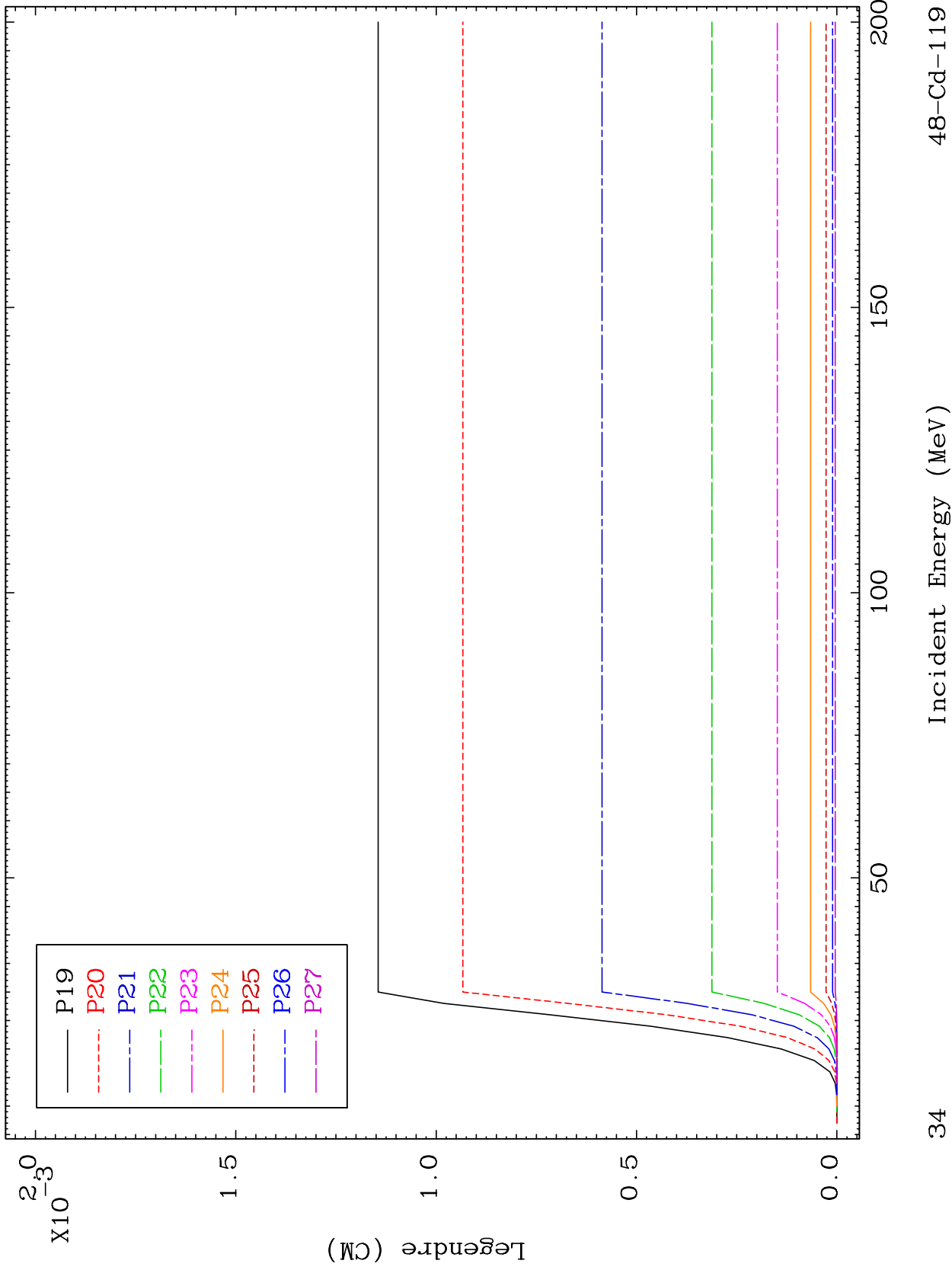
Incident Energy (MeV)

48-Cd-119

MAT 4864

228.3 keV (n,n') Level  
Legendre Coefficients

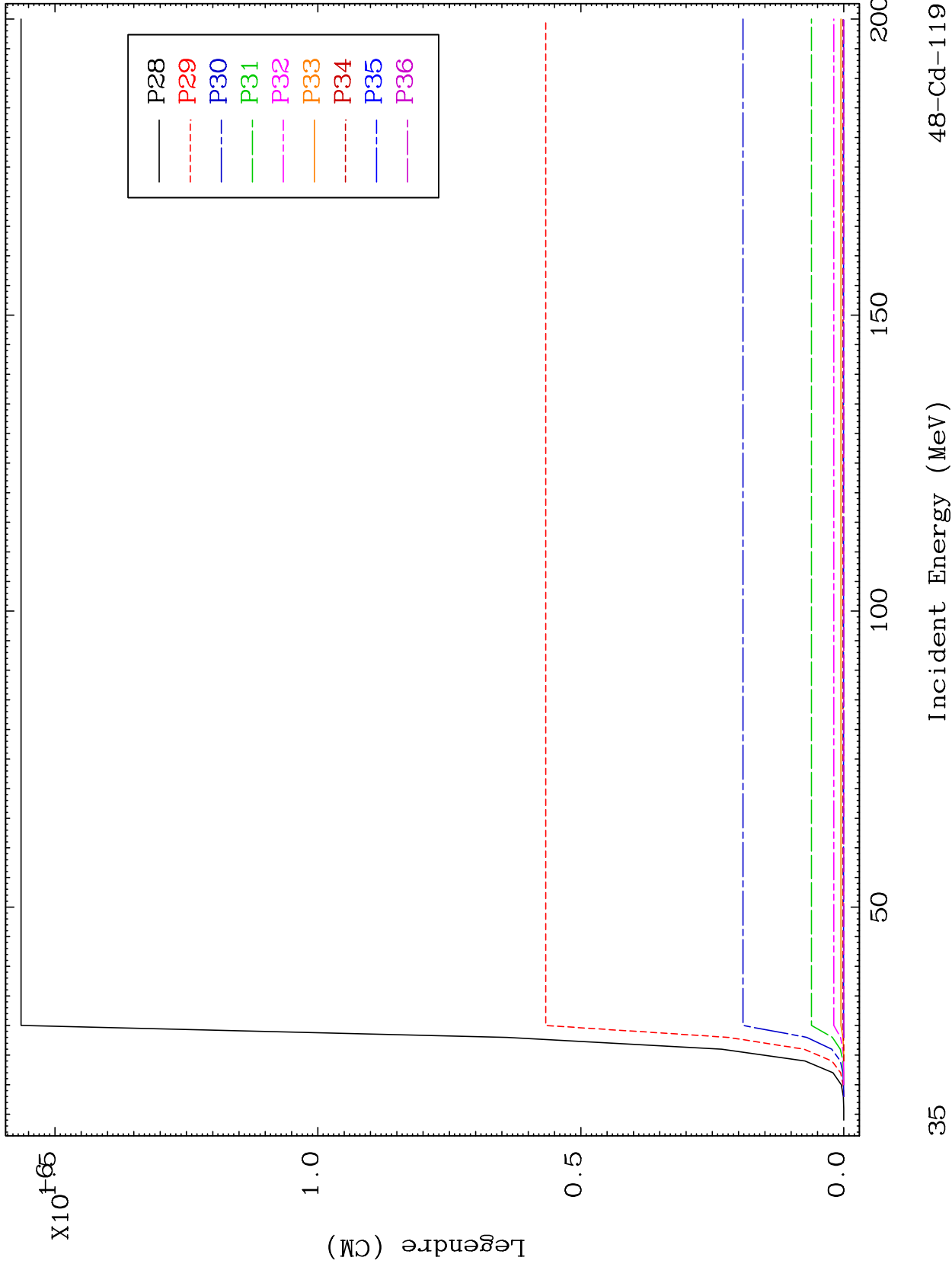
48-Cd-119



MAT 4864

228.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



35

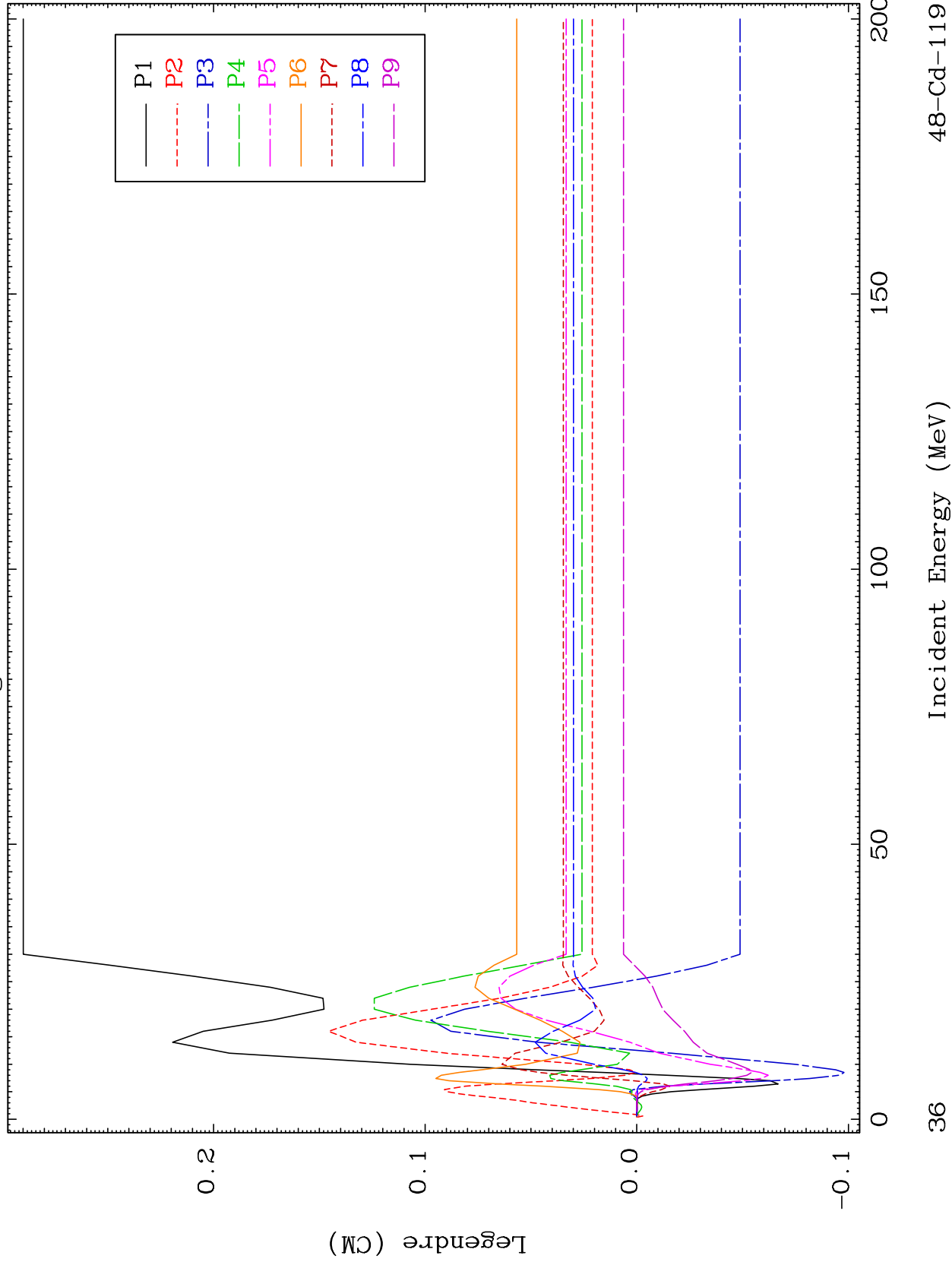
Incident Energy (MeV)

48-Cd-119

MAT 4864

393.2 keV (n,n') Level  
Legendre Coefficients

48-Cd-119

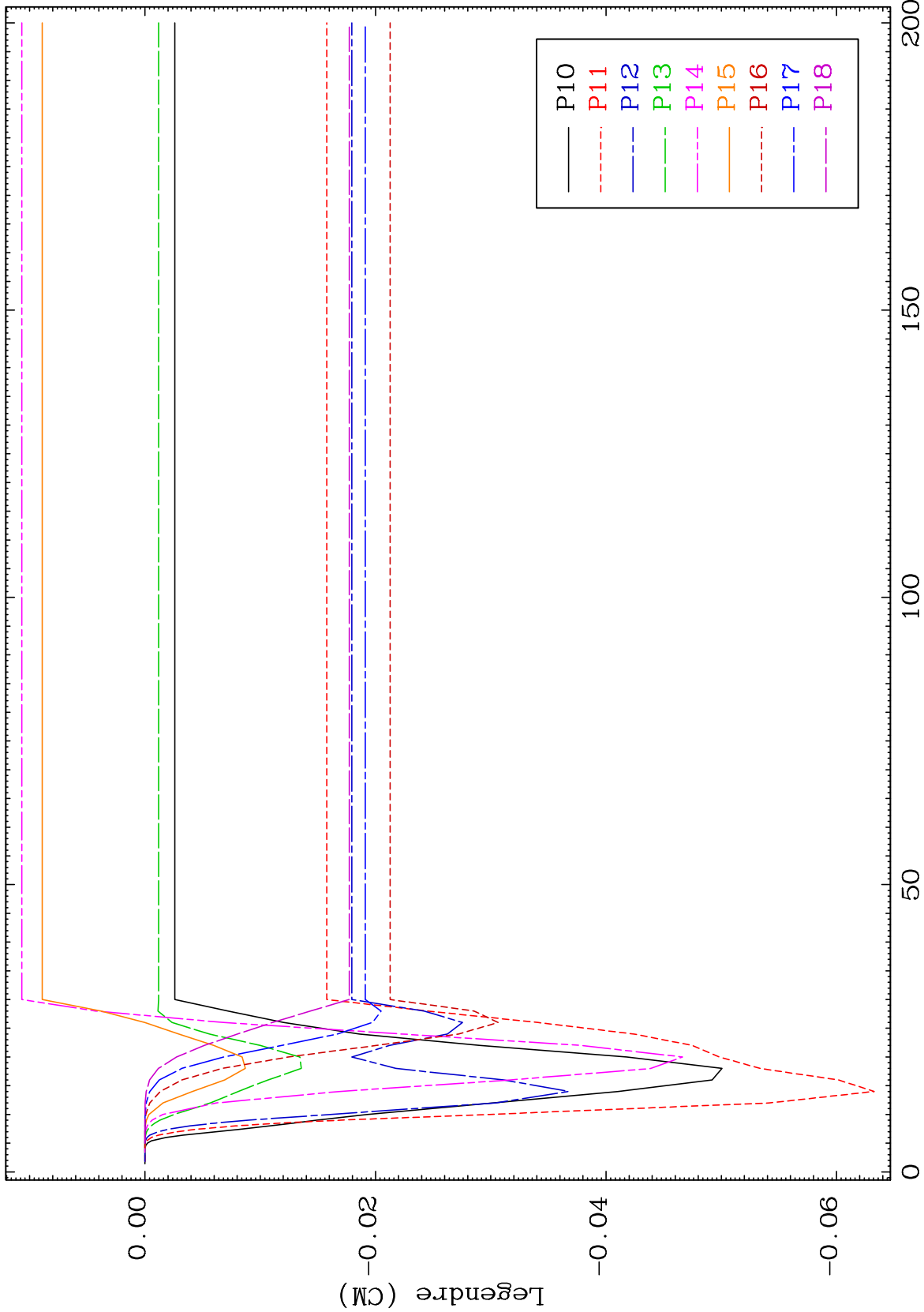


36

MAT 4864

393.2 keV (n,n') Level  
Legendre Coefficients

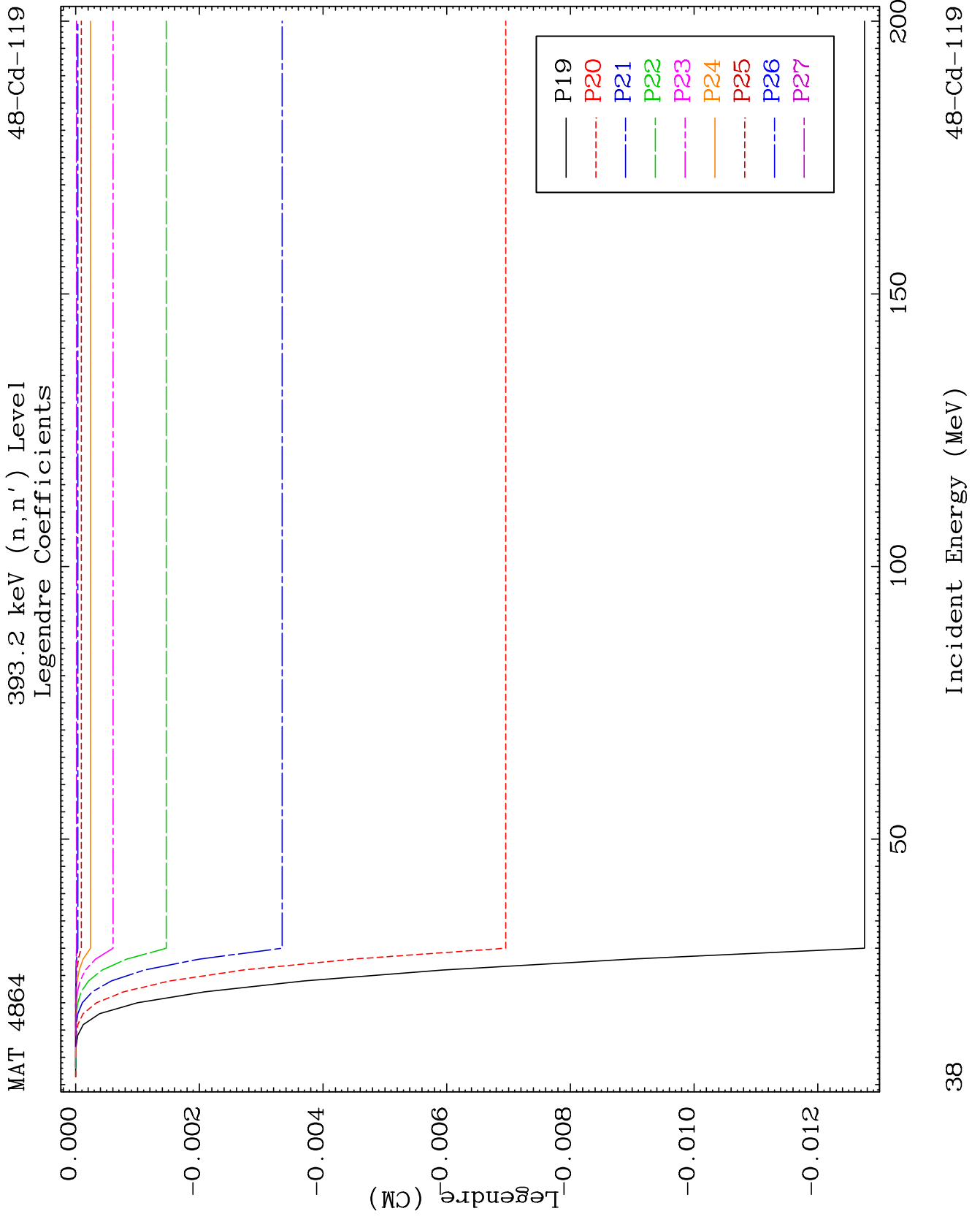
48-Cd-119

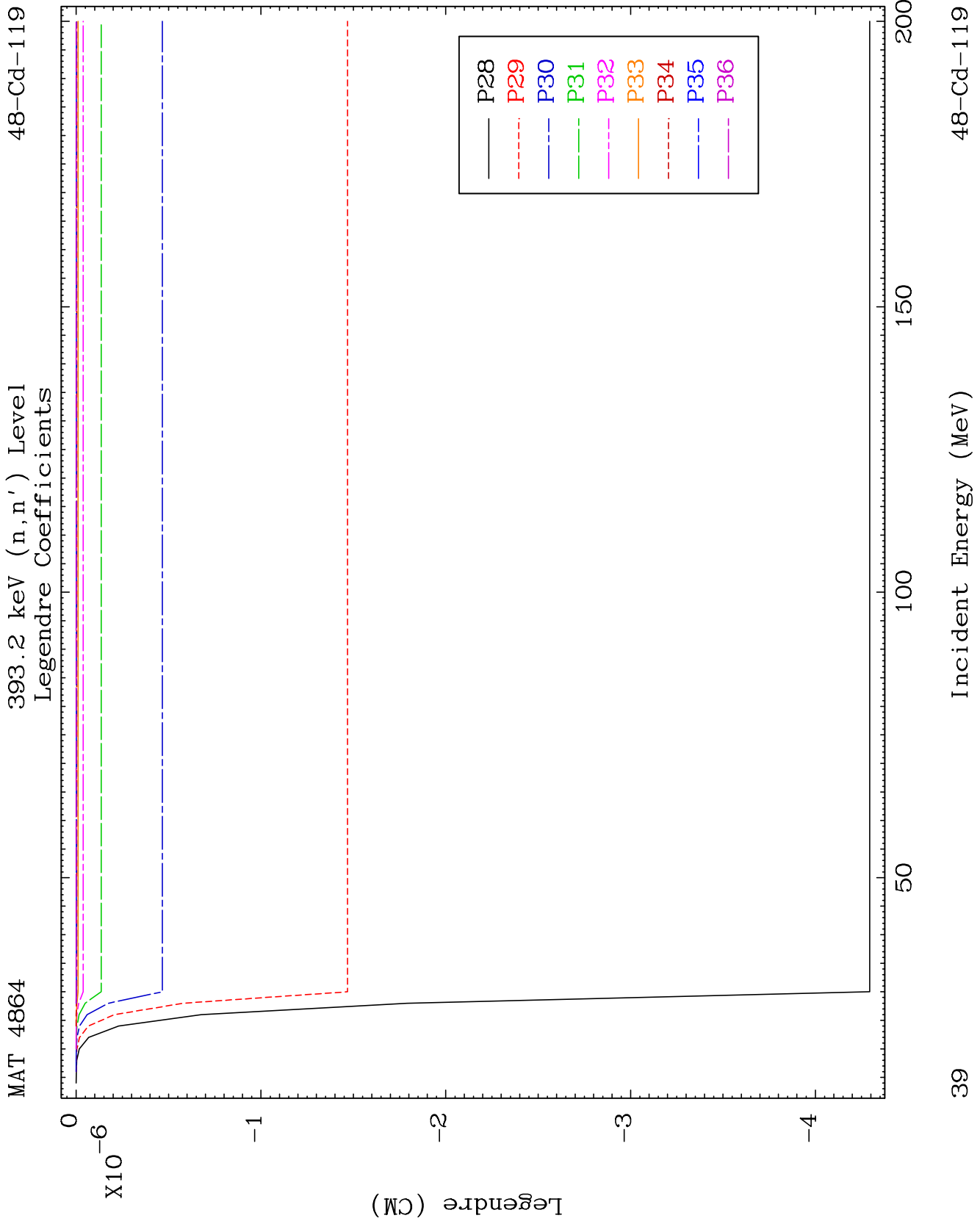


37

Incident Energy (MeV)

48-Cd-119



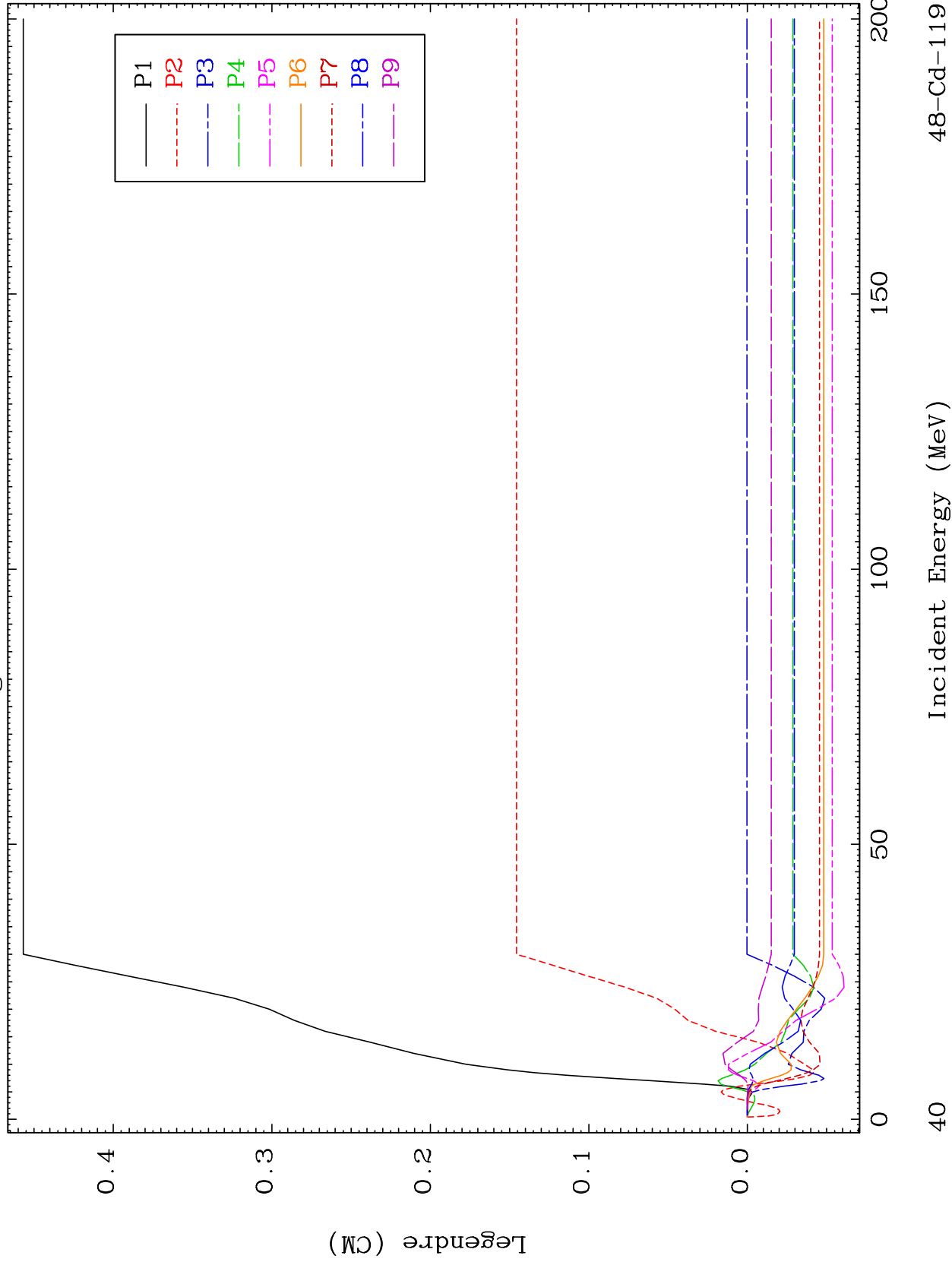




MAT 4864

399.2 keV (n,n') Level  
Legendre Coefficients

48-Cd-119

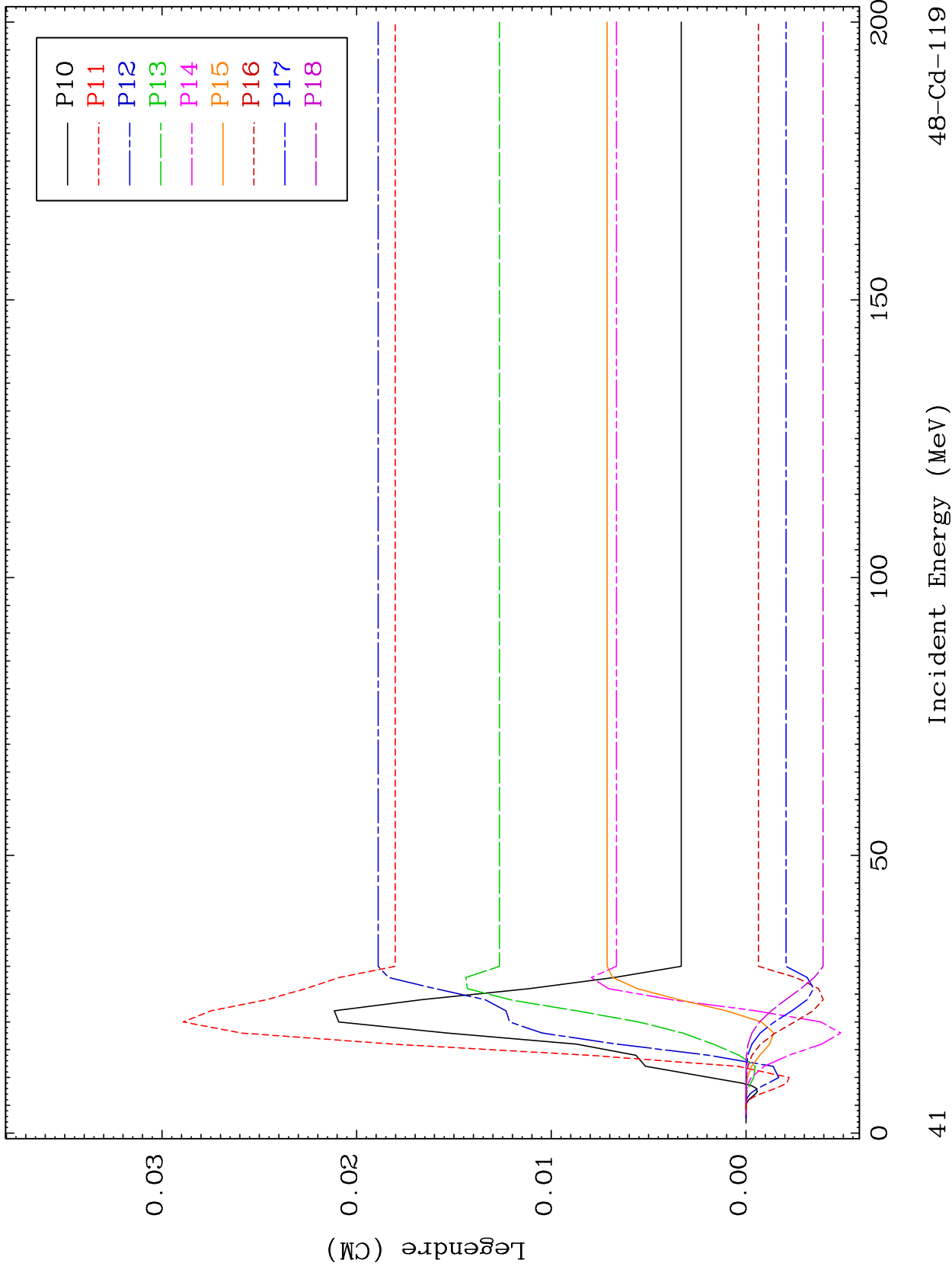


48-Cd-119

MAT 4864

399.2 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



41

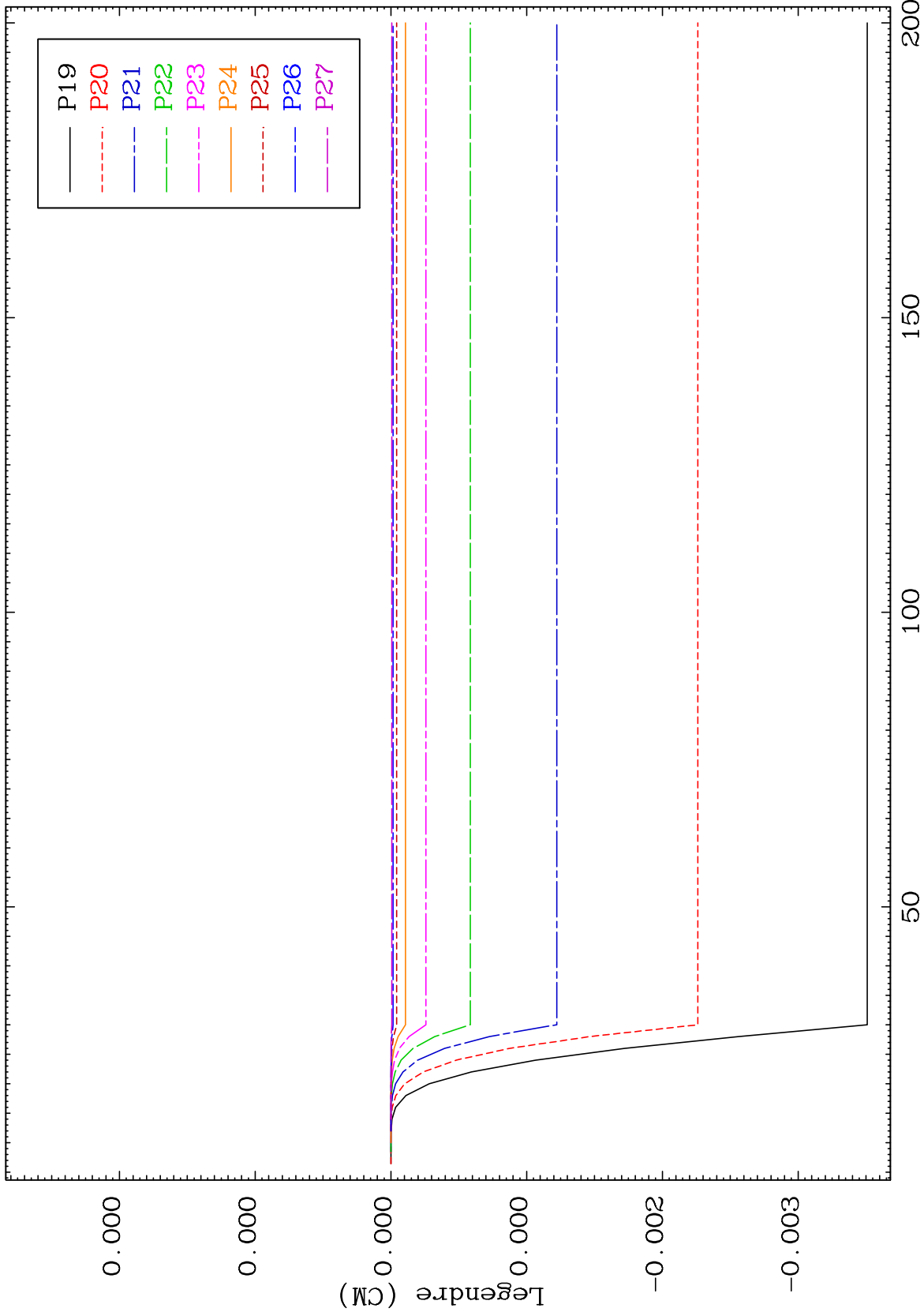
Incident Energy (MeV)

48-Cd-119

MAT 4864

399.2 keV (n,n') Level  
Legendre Coefficients

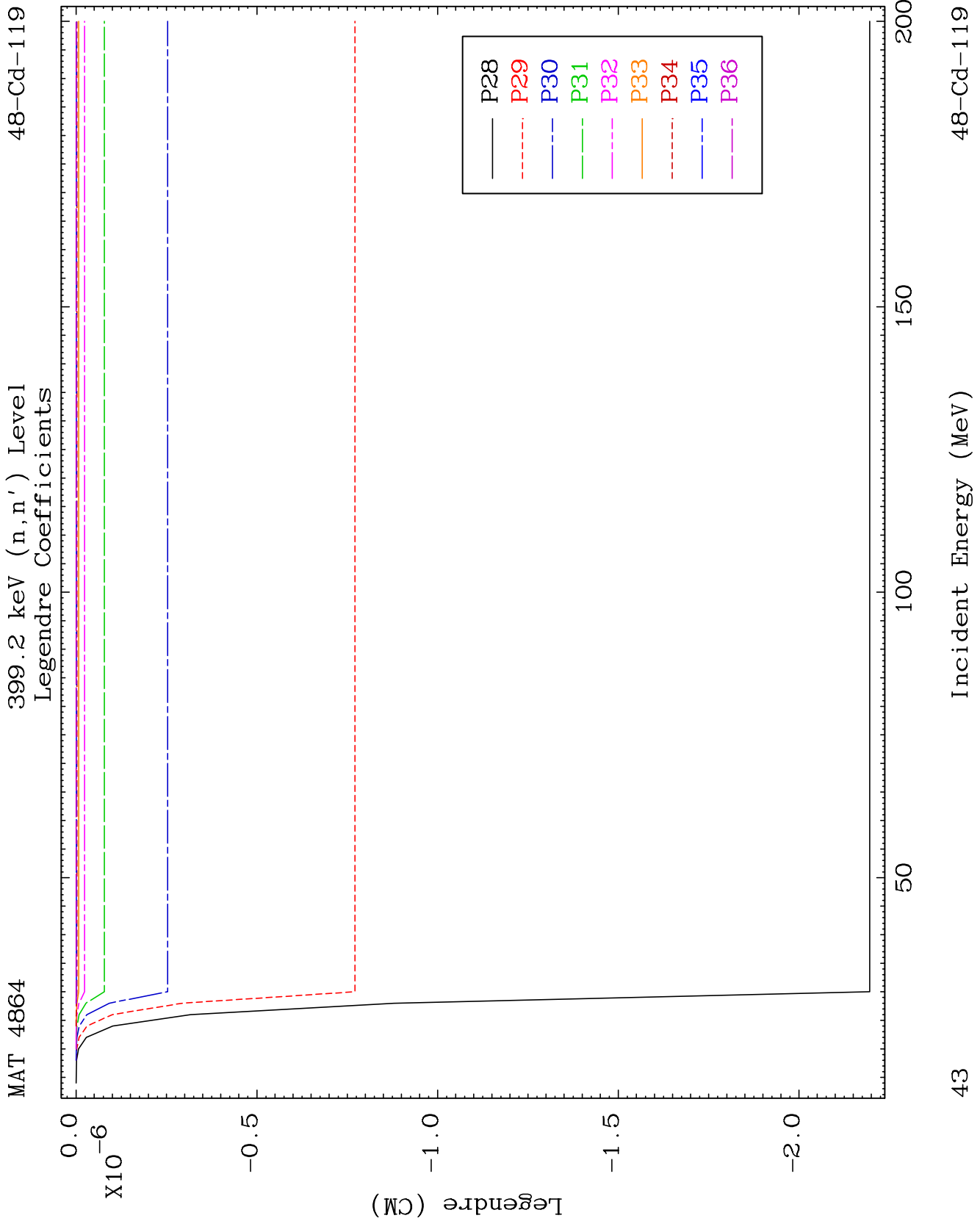
48-Cd-119



42

Incident Energy (MeV)

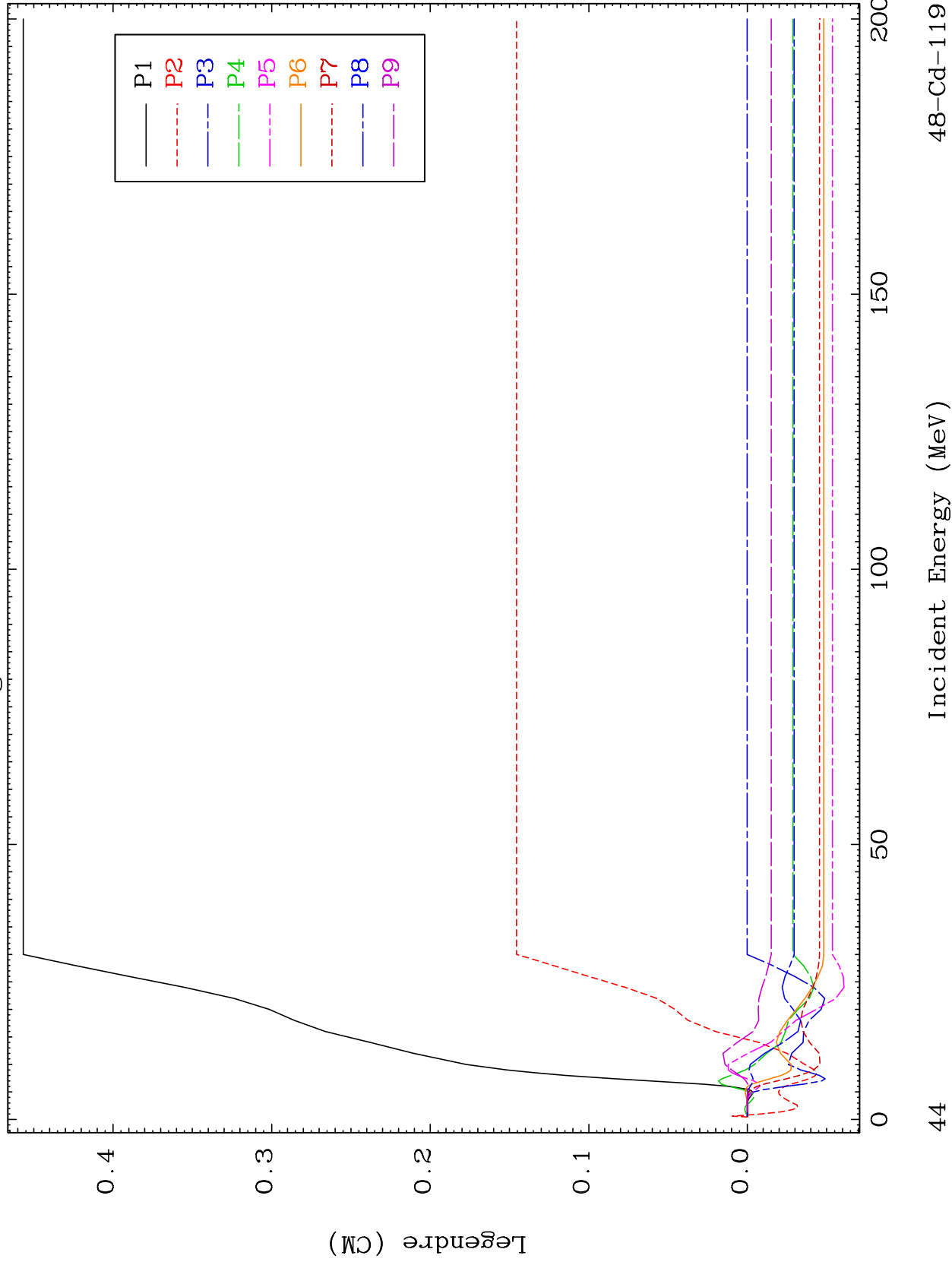
48-Cd-119



MAT 4864

427.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119

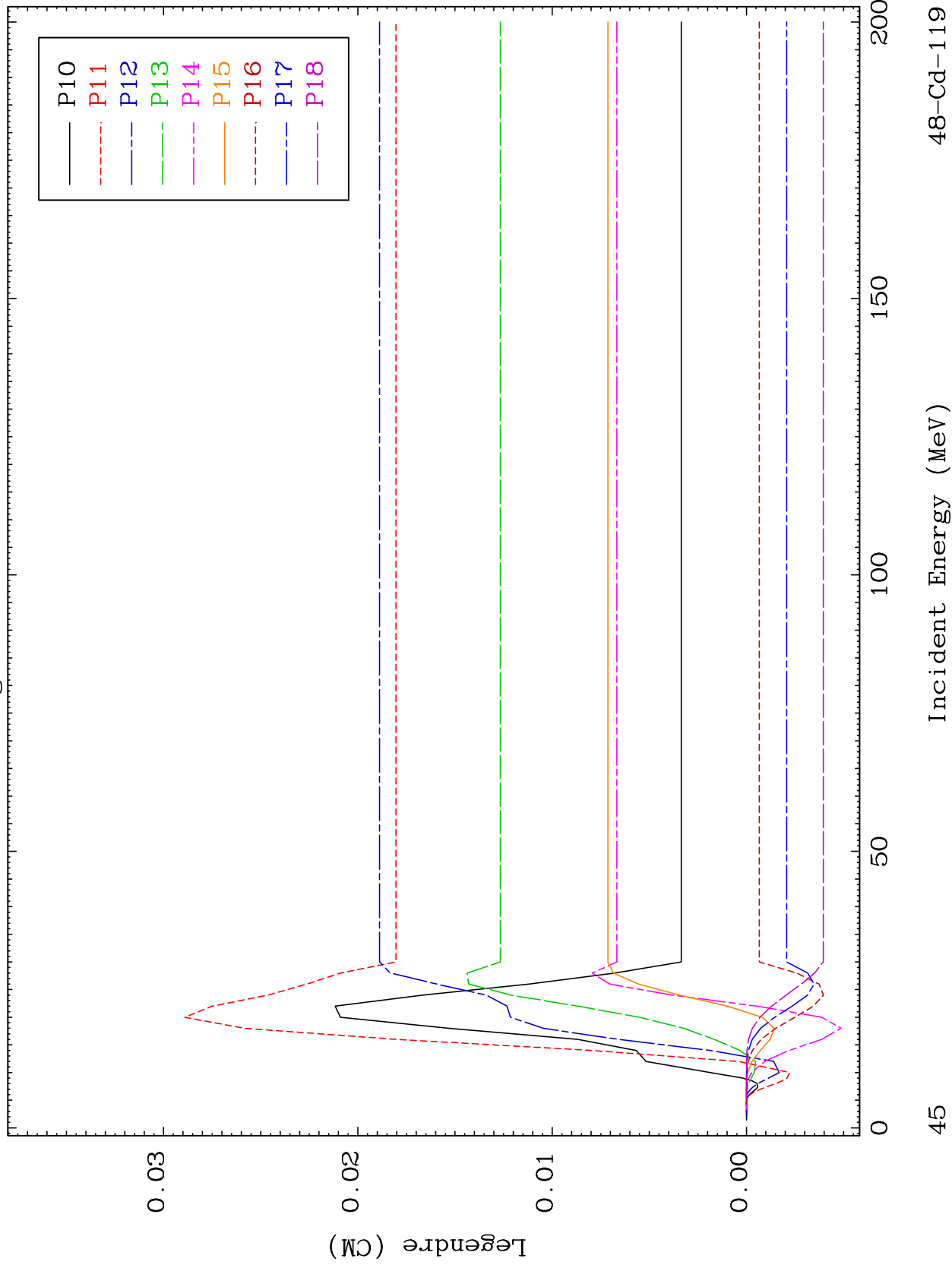


44

MAT 4864

427.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



48-Cd-119

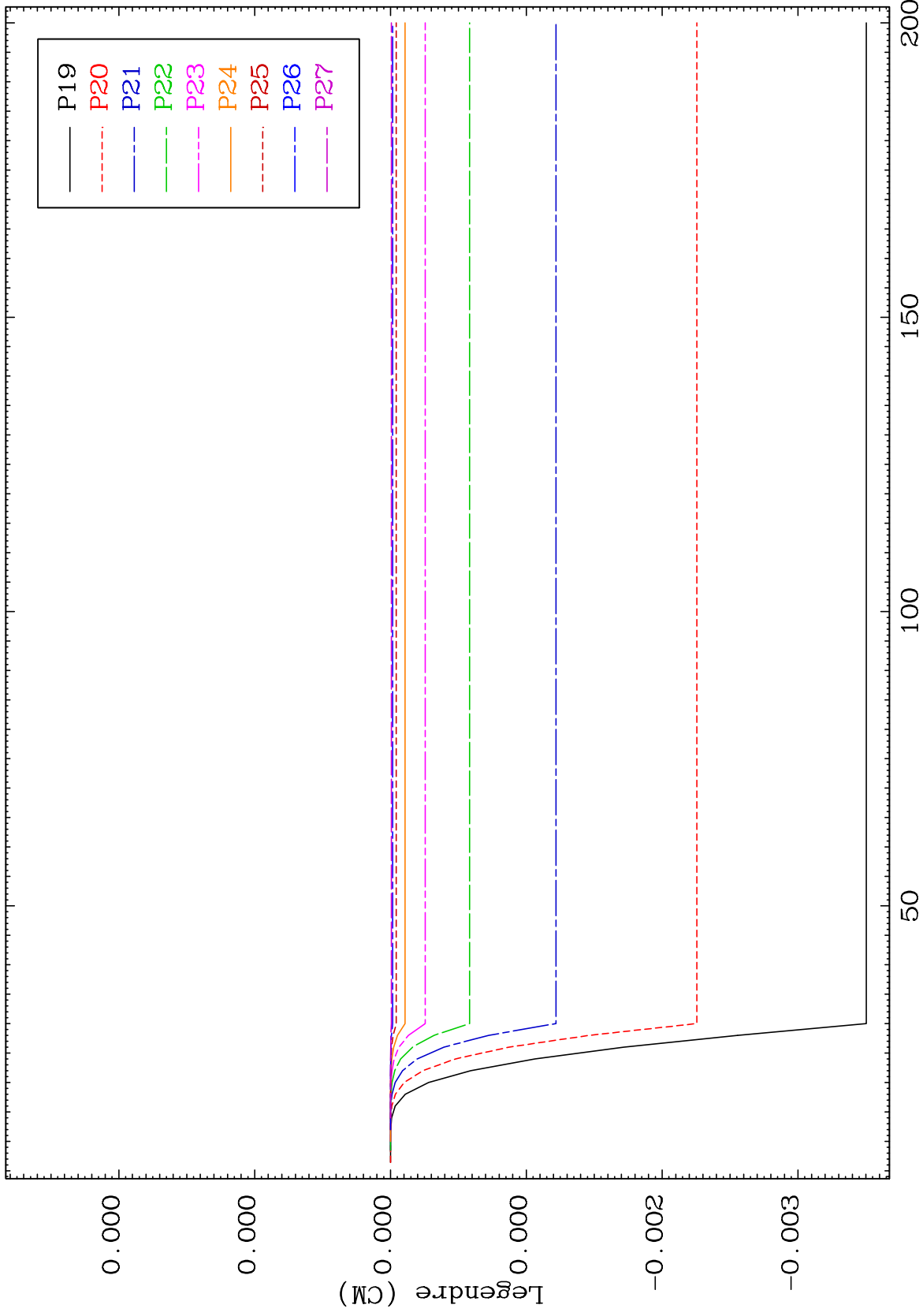
Incident Energy (MeV)

45

MAT 4864

427.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



46

Incident Energy (MeV)

48-Cd-119



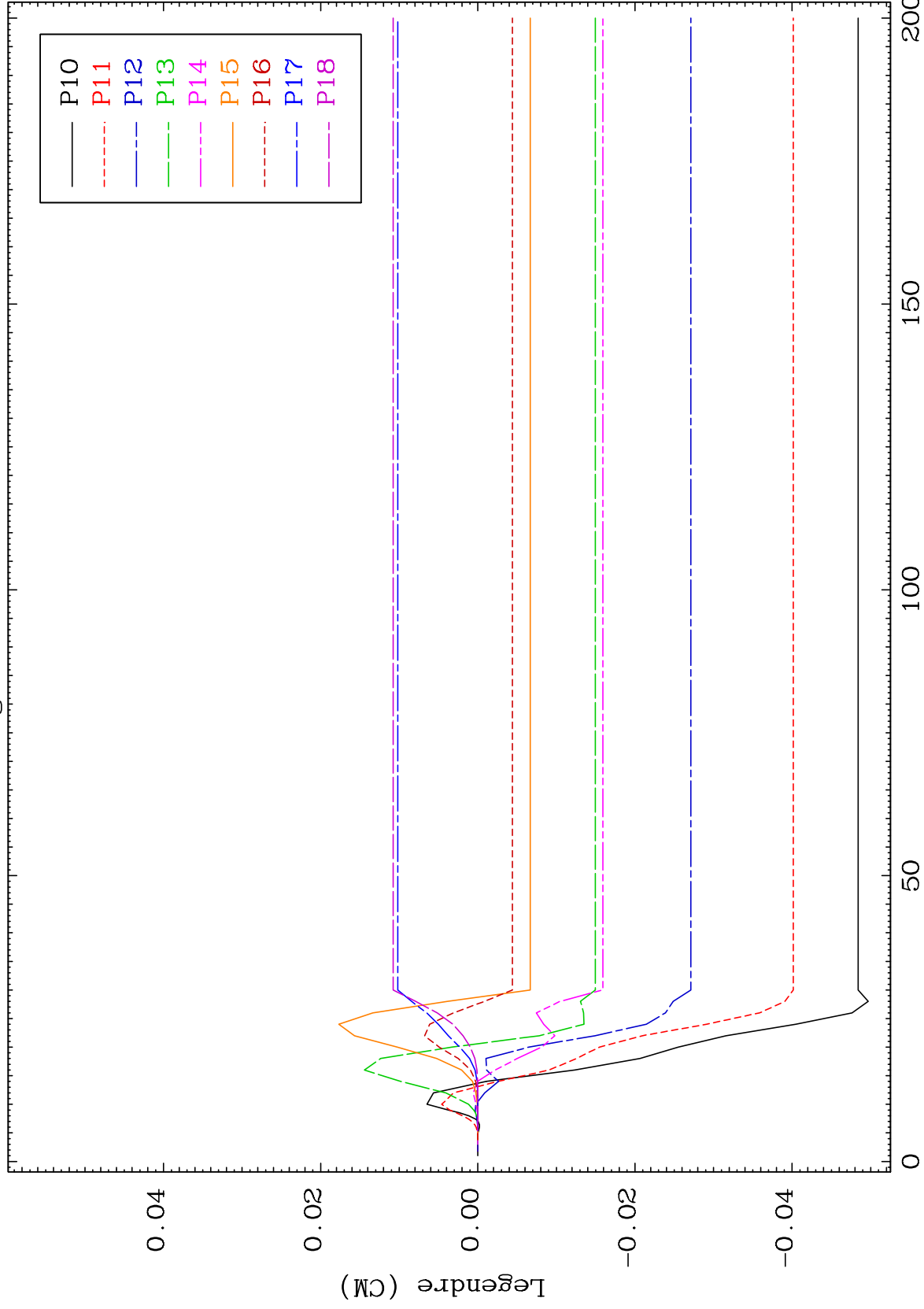




MAT 4864

525.0 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



49

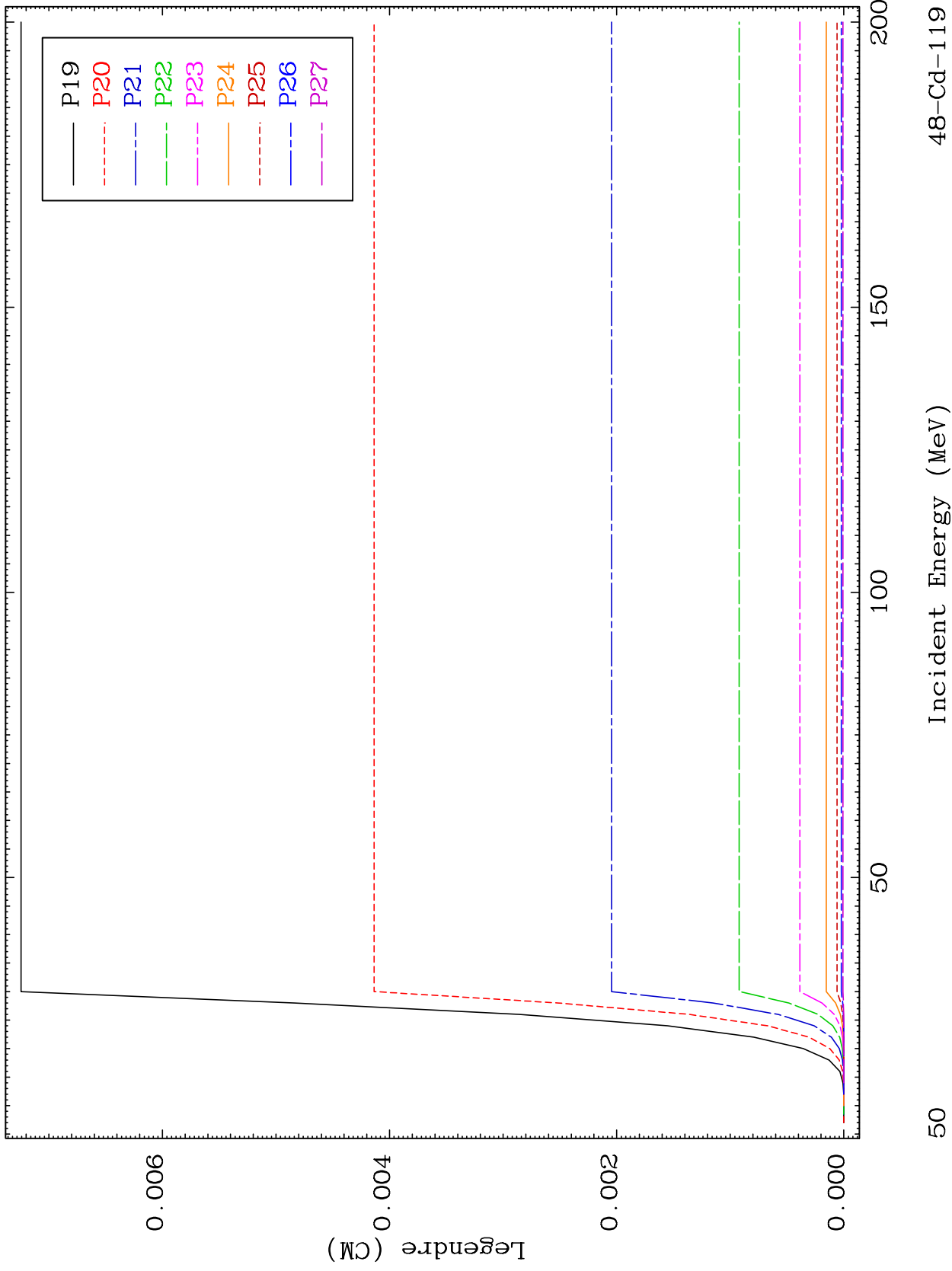
Incident Energy (MeV)

48-Cd-119

MAT 4864

525.0 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



48-Cd-119

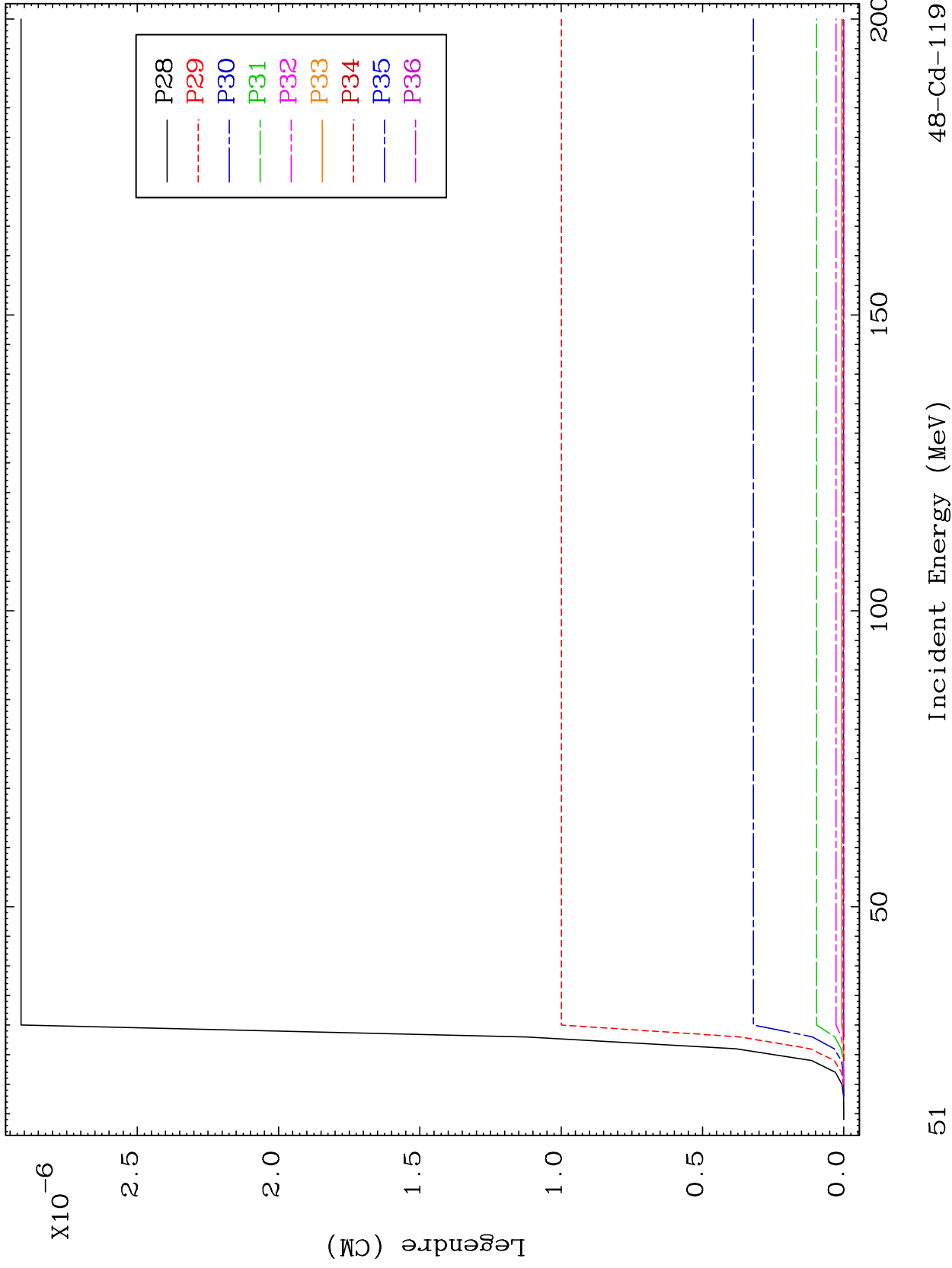
Incident Energy (MeV)

50

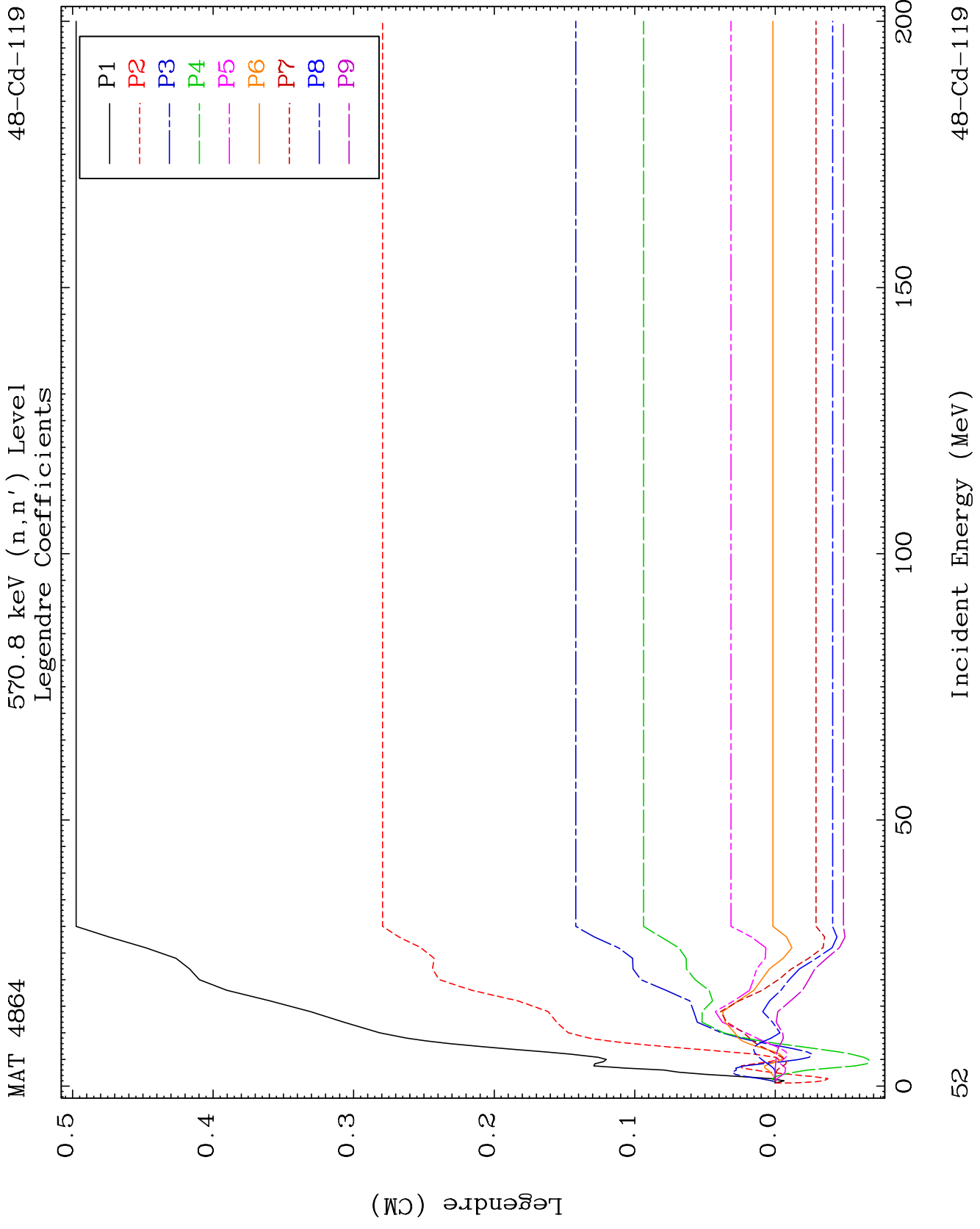
MAT 4864

525.0 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



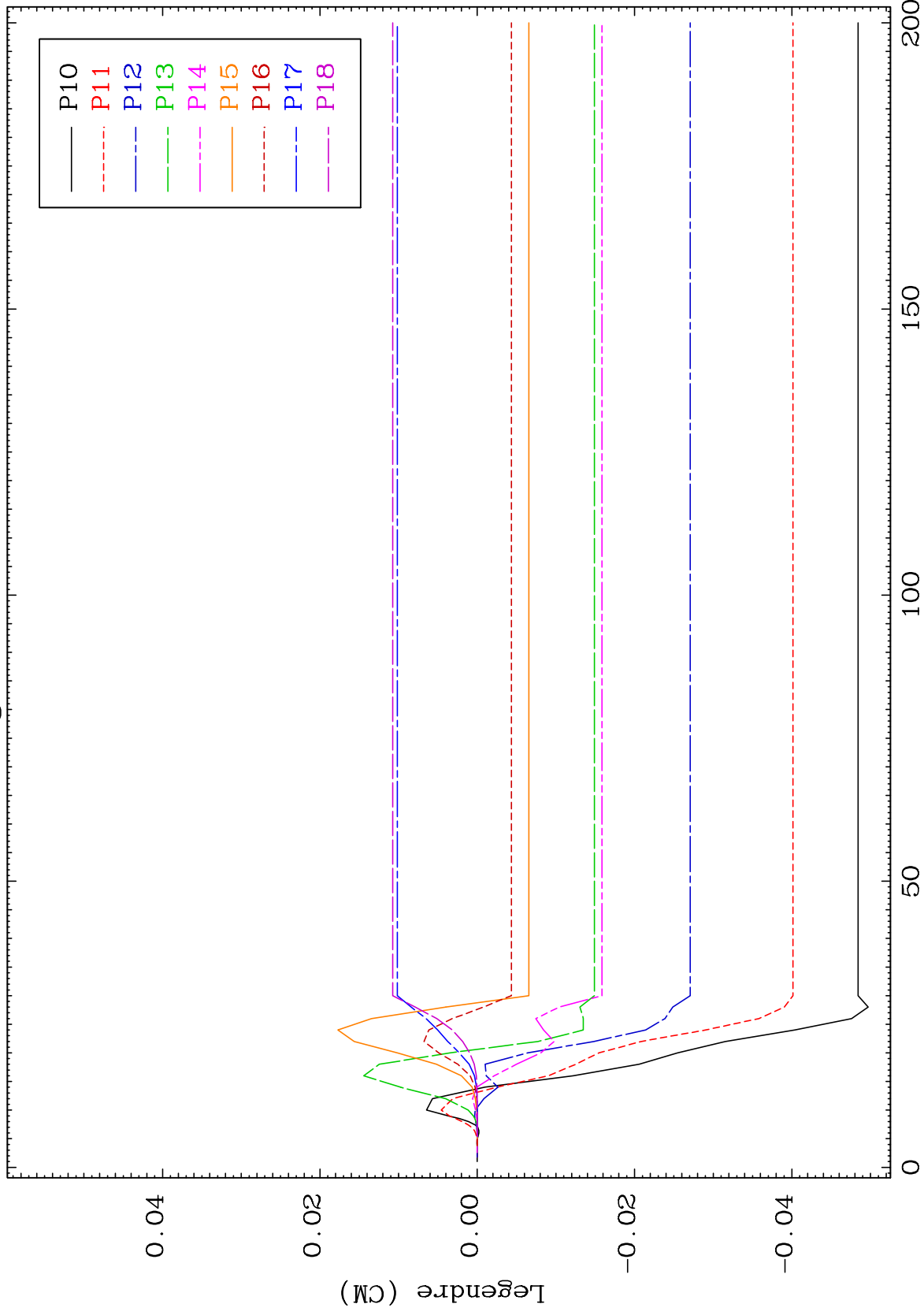
51



MAT 4864

570.8 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



53

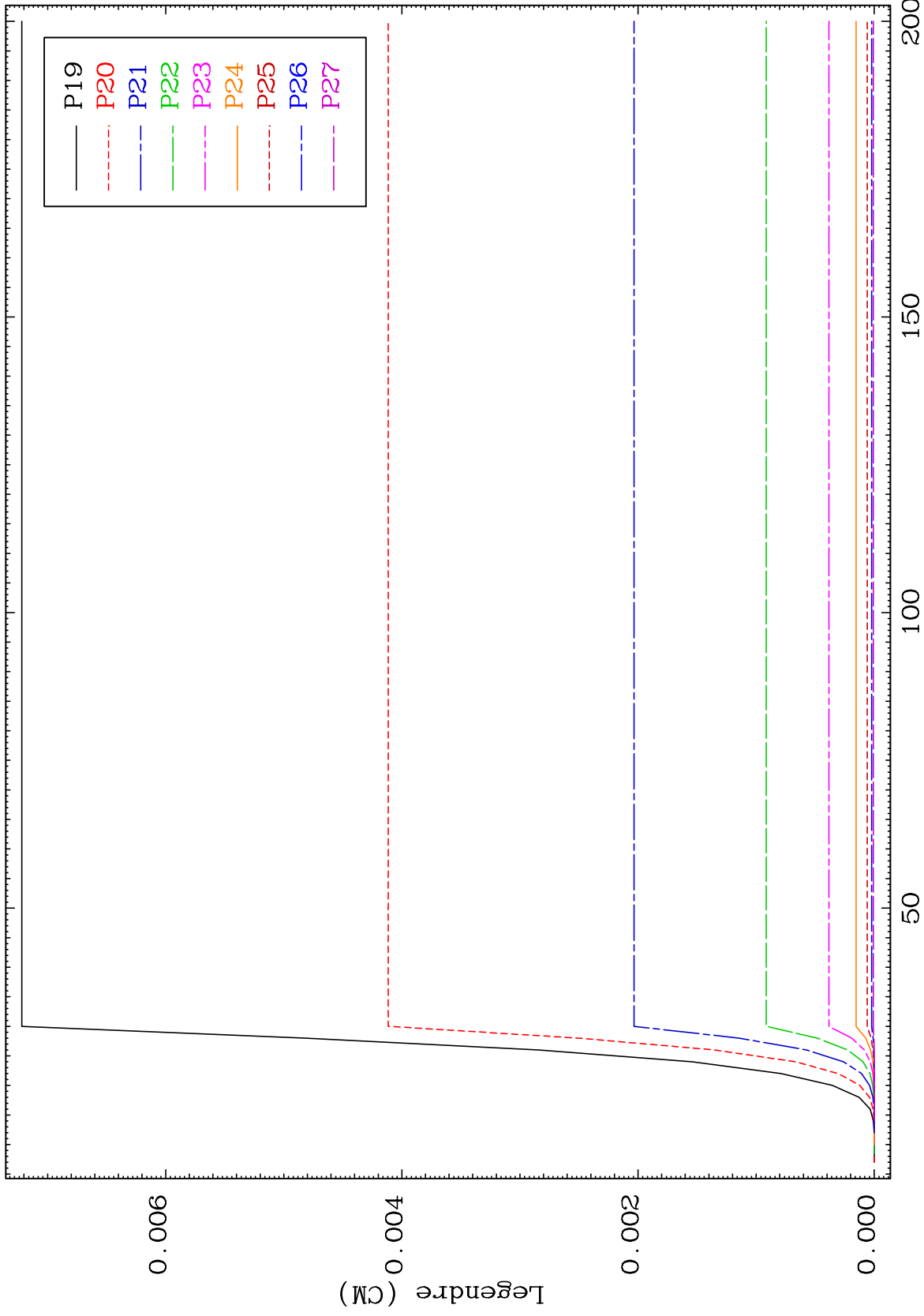
Incident Energy (MeV)

48-Cd-119

MAT 4864

570.8 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



54

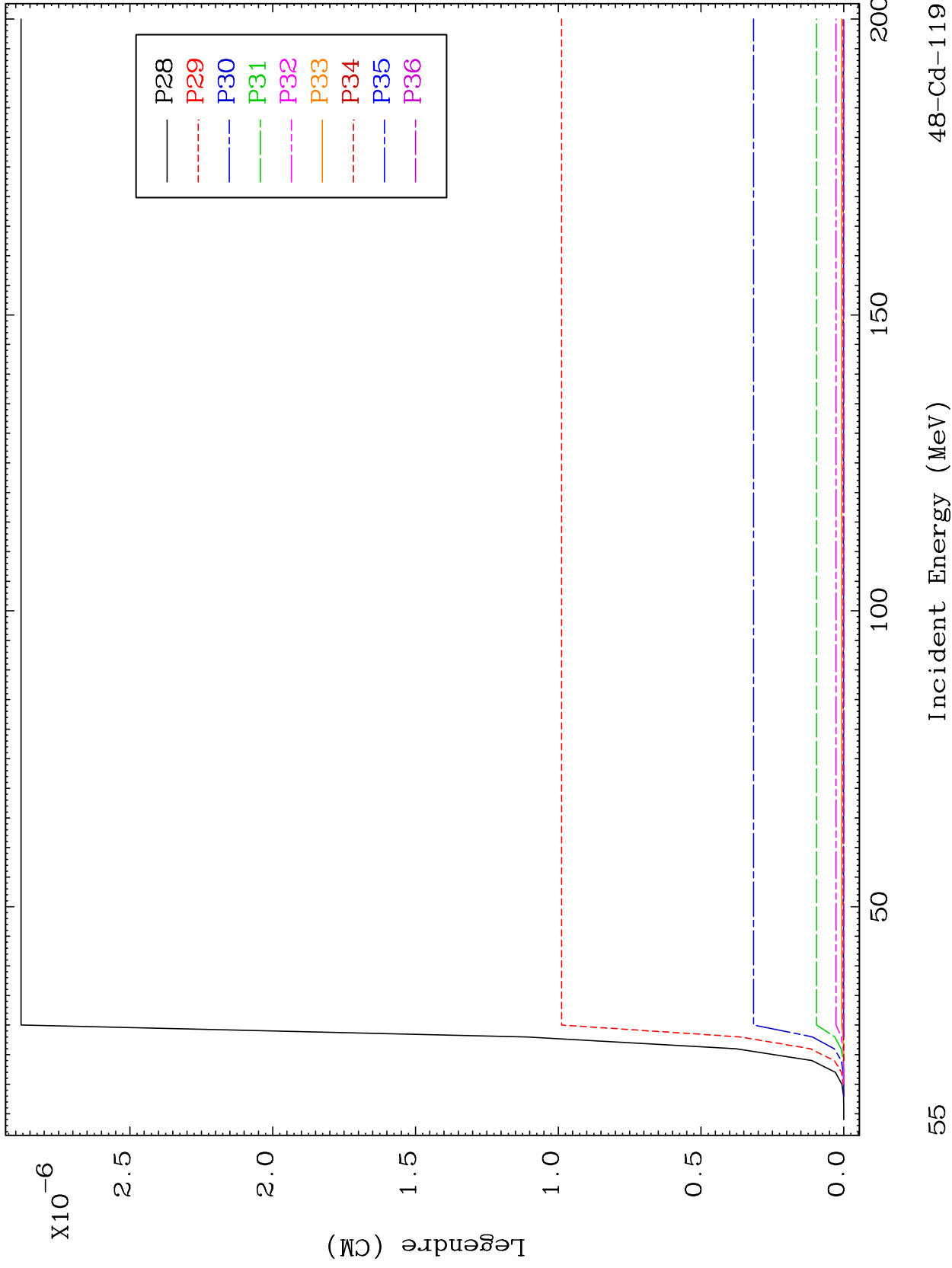
Incident Energy (MeV)

48-Cd-119

MAT 4864

570.8 keV (n,n') Level  
Legendre Coefficients

48-Cd-119

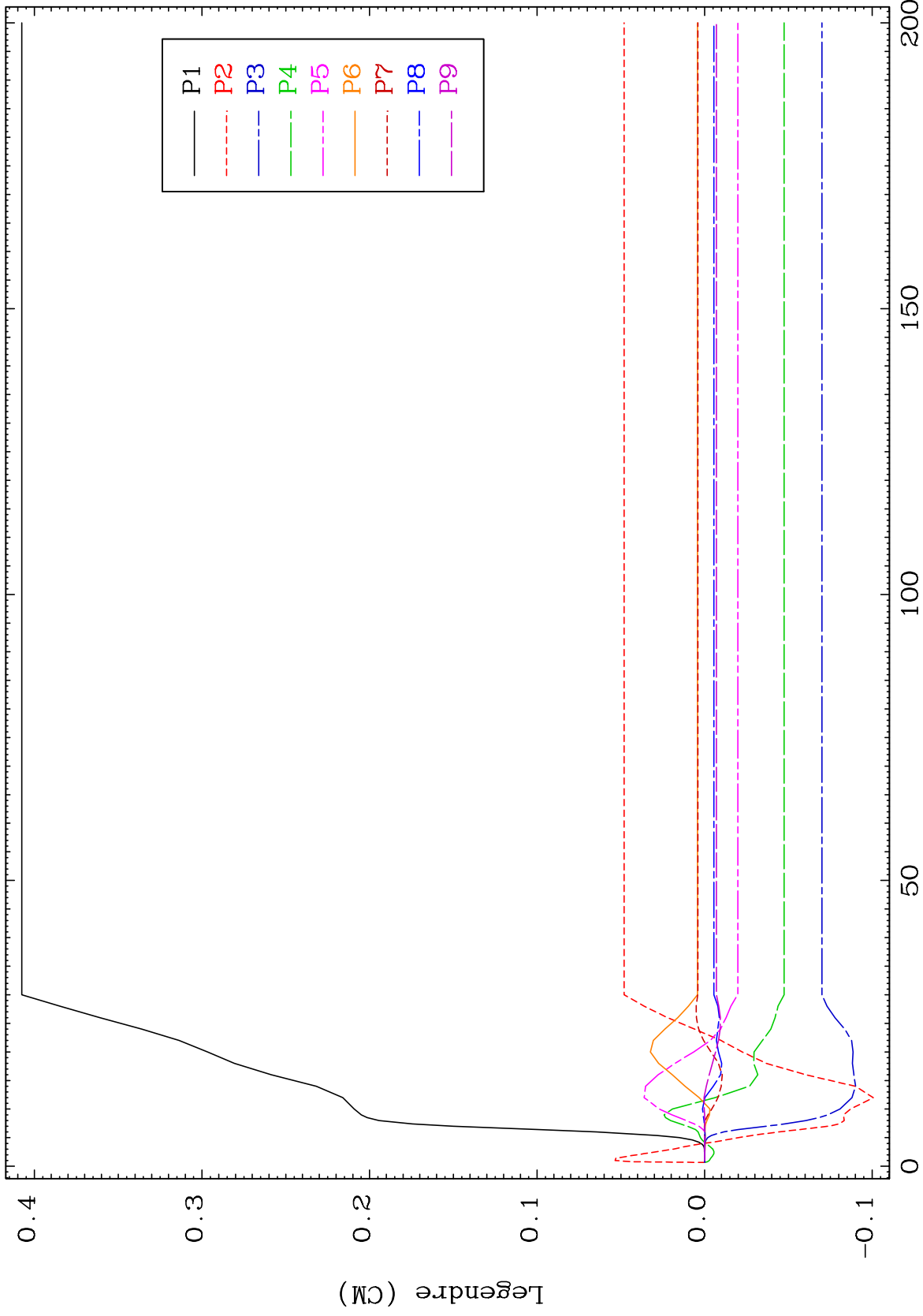




MAT 4864

655.5 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



56

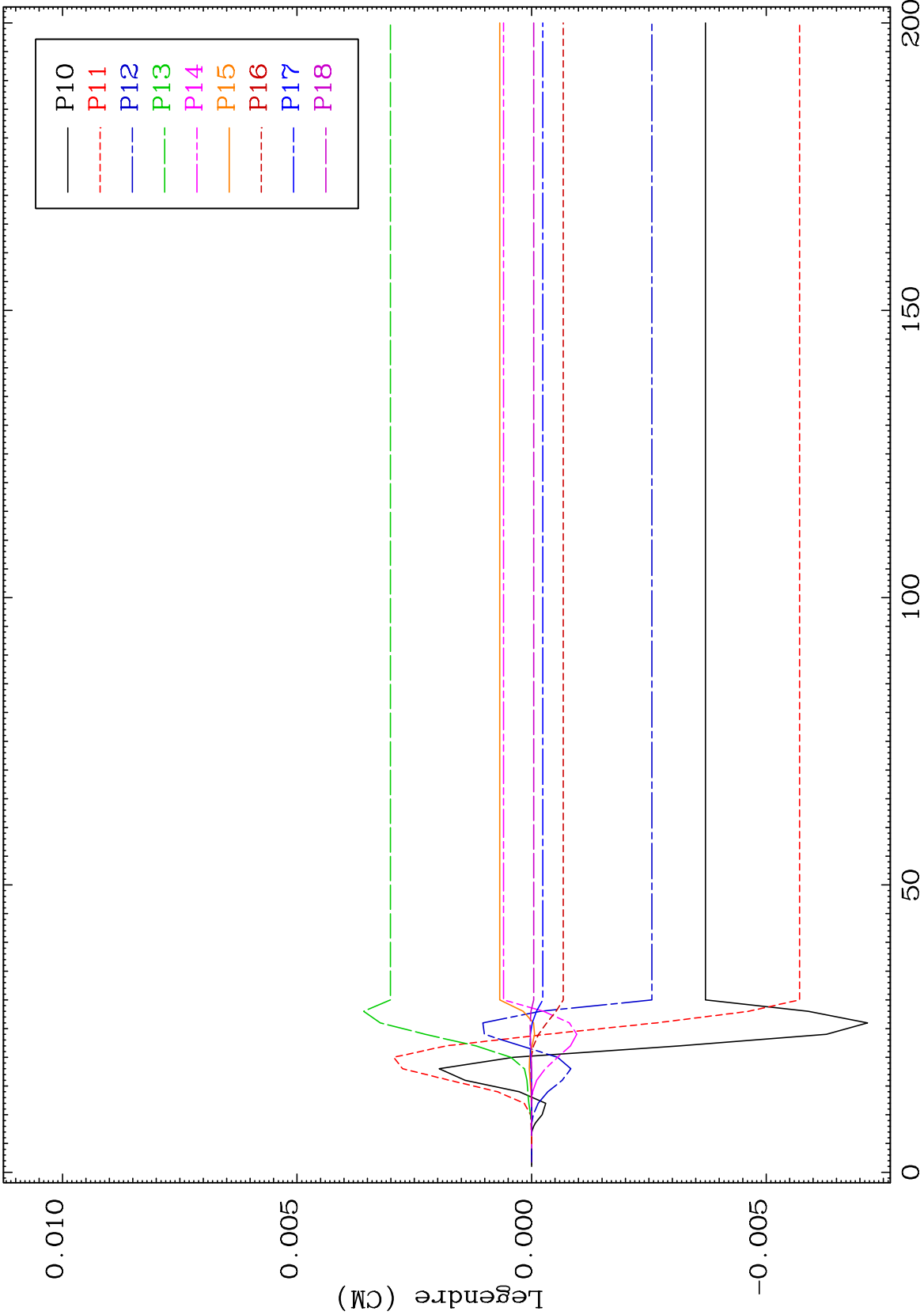
Incident Energy (MeV)

48-Cd-119

MAT 4864

655.5 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



57

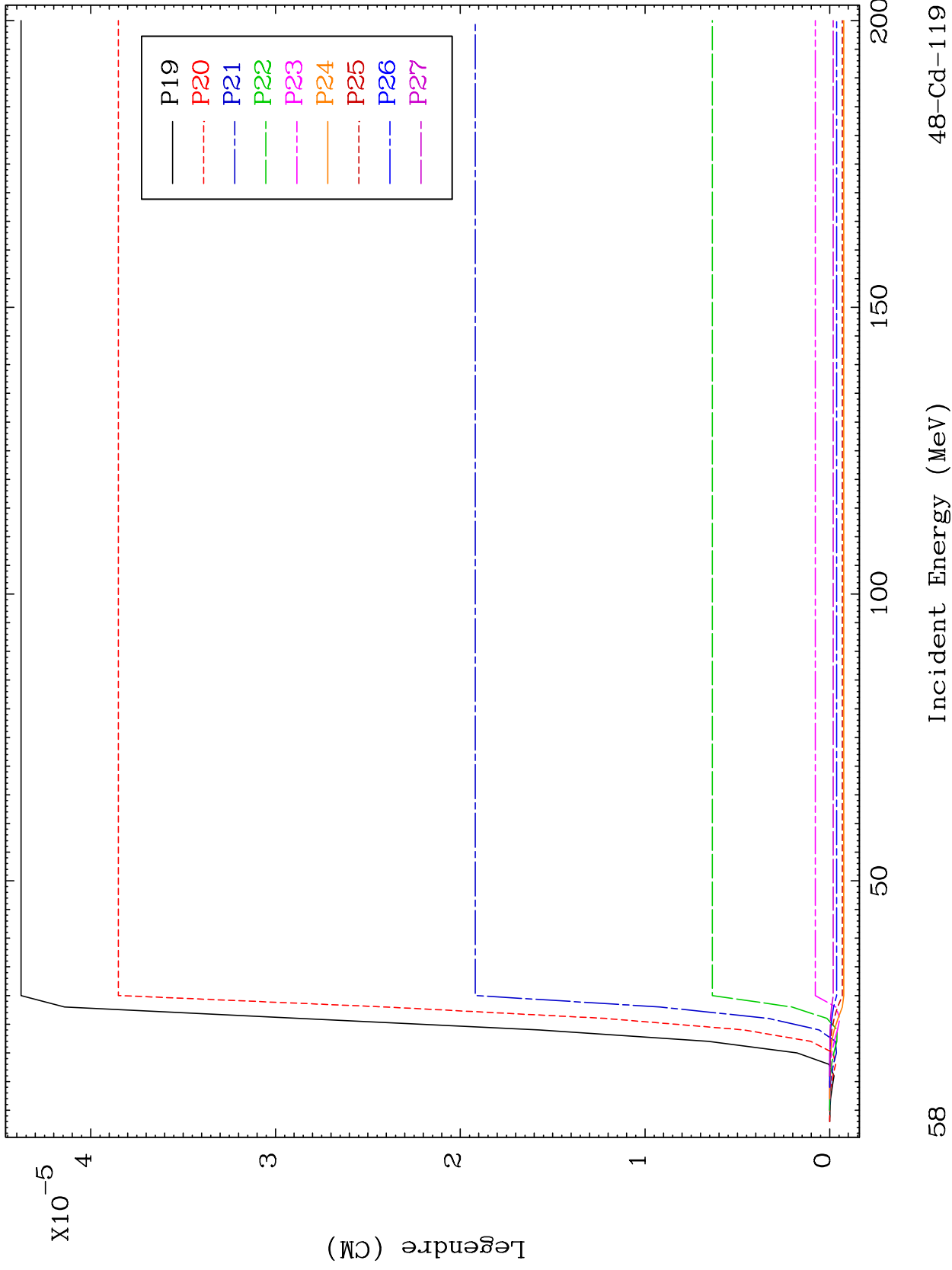
Incident Energy (MeV)

48-Cd-119

MAT 4864

655.5 keV (n,n') Level  
Legendre Coefficients

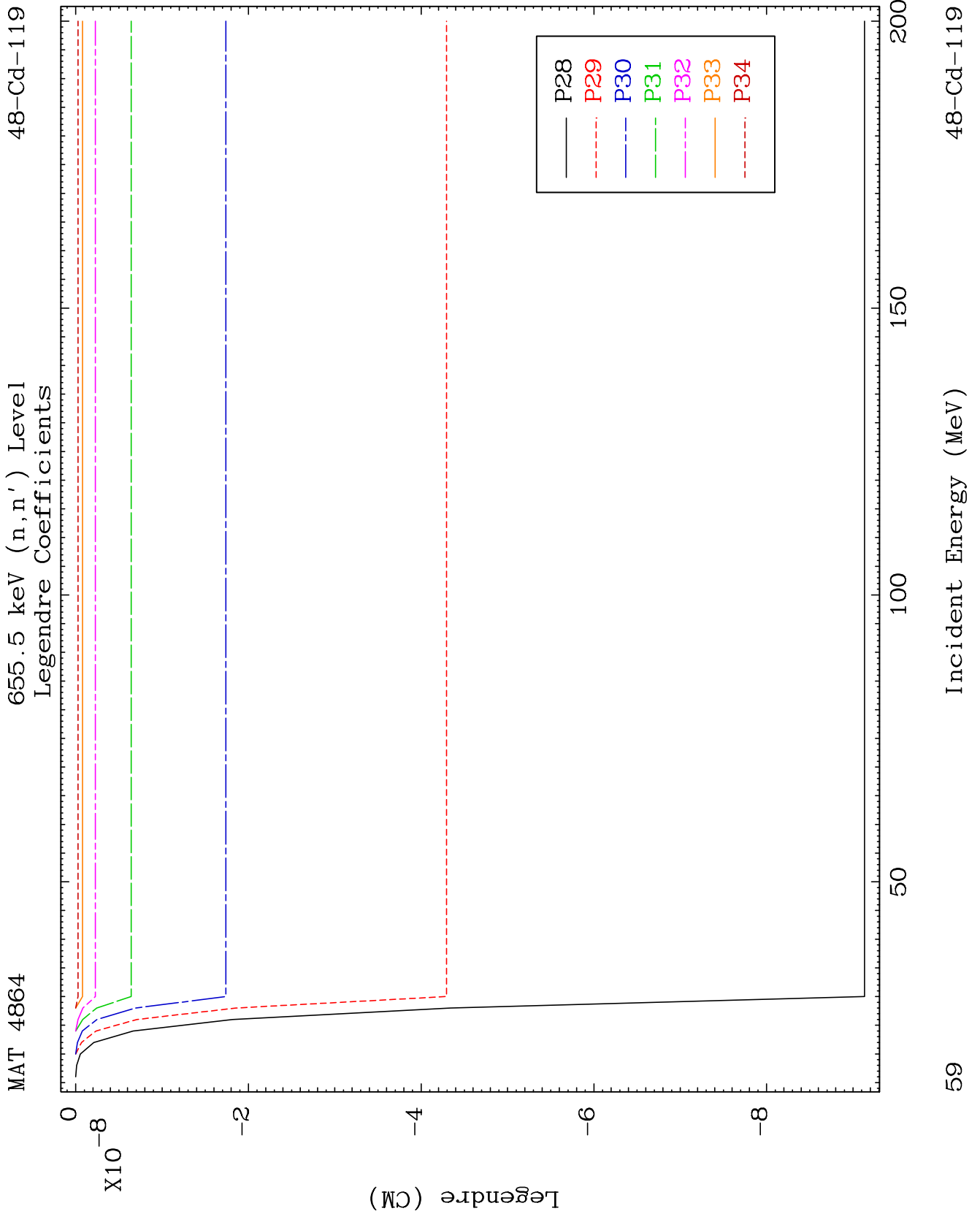
48-Cd-119



58

Incident Energy (MeV)

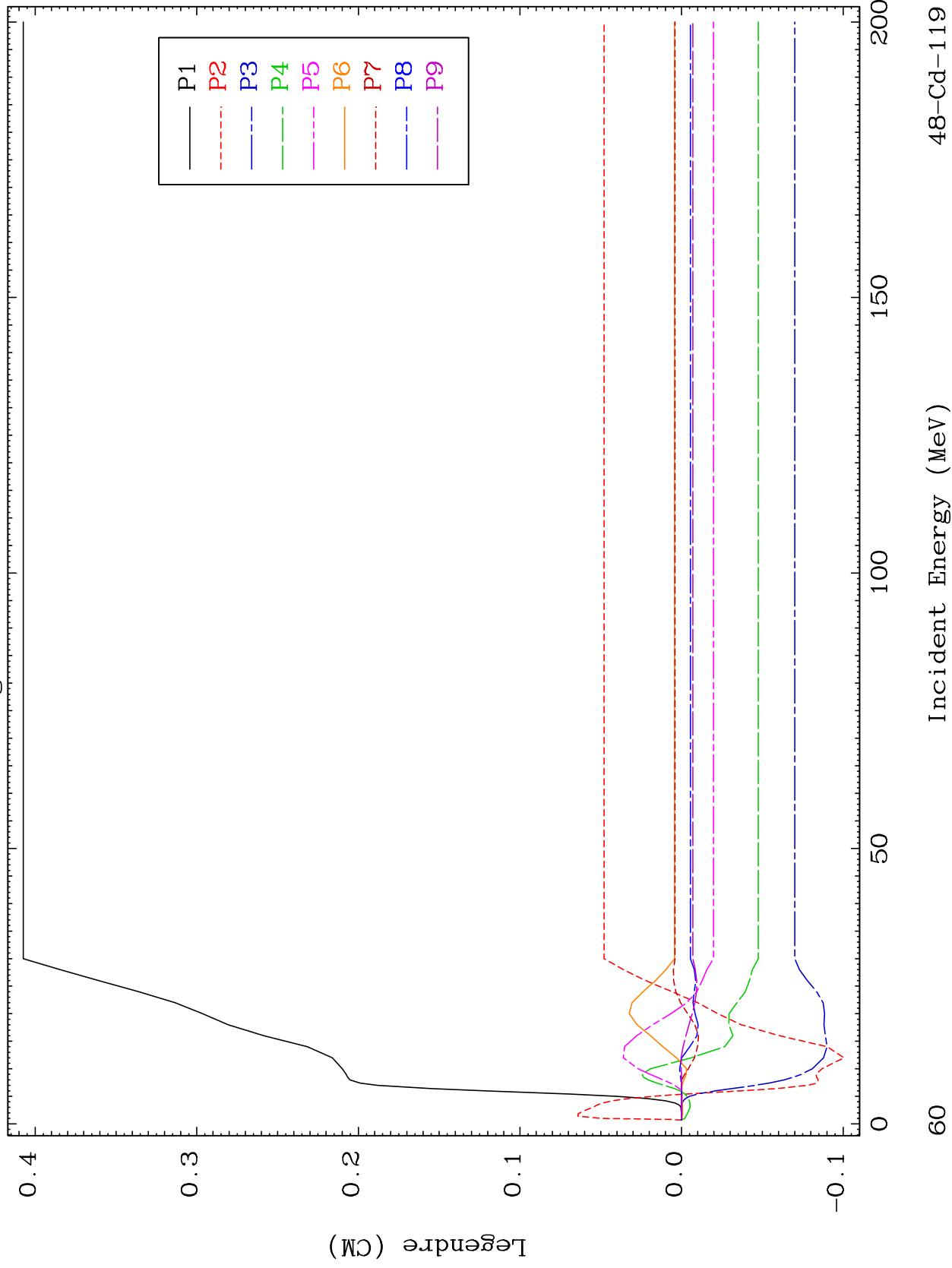
48-Cd-119



MAT 4864

682.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119

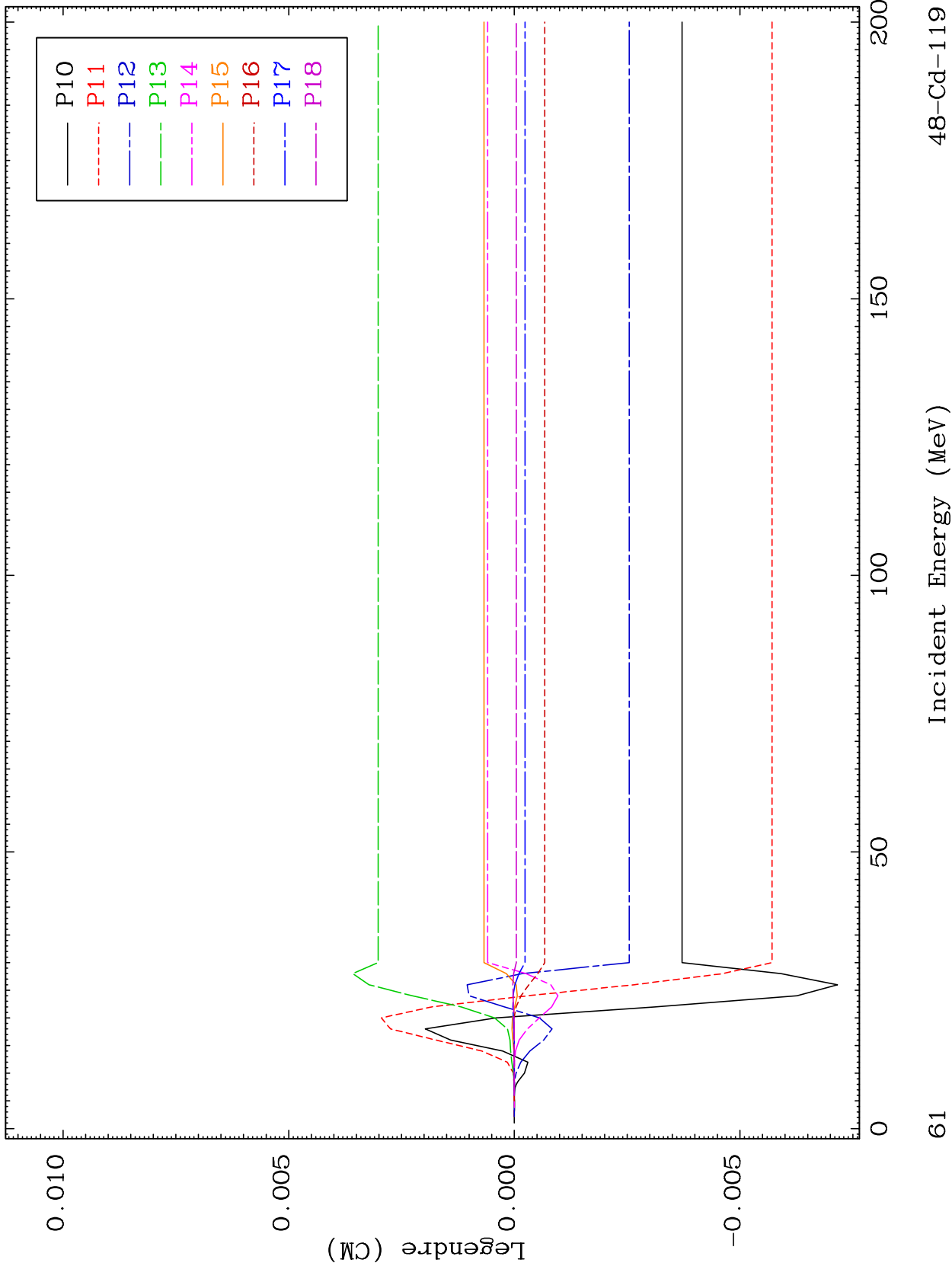


48-Cd-119

MAT 4864

682.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



61

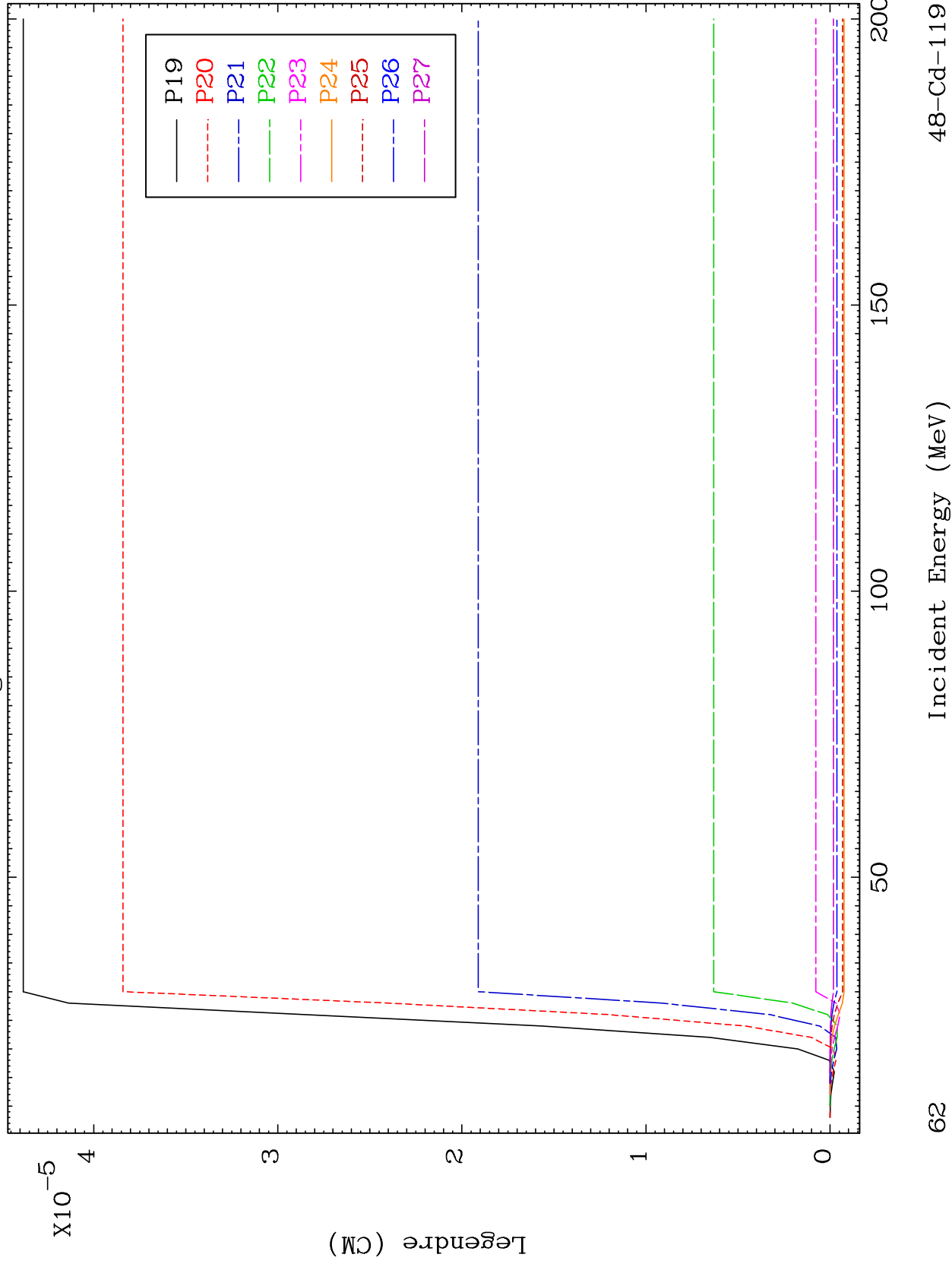
Incident Energy (MeV)

48-Cd-119

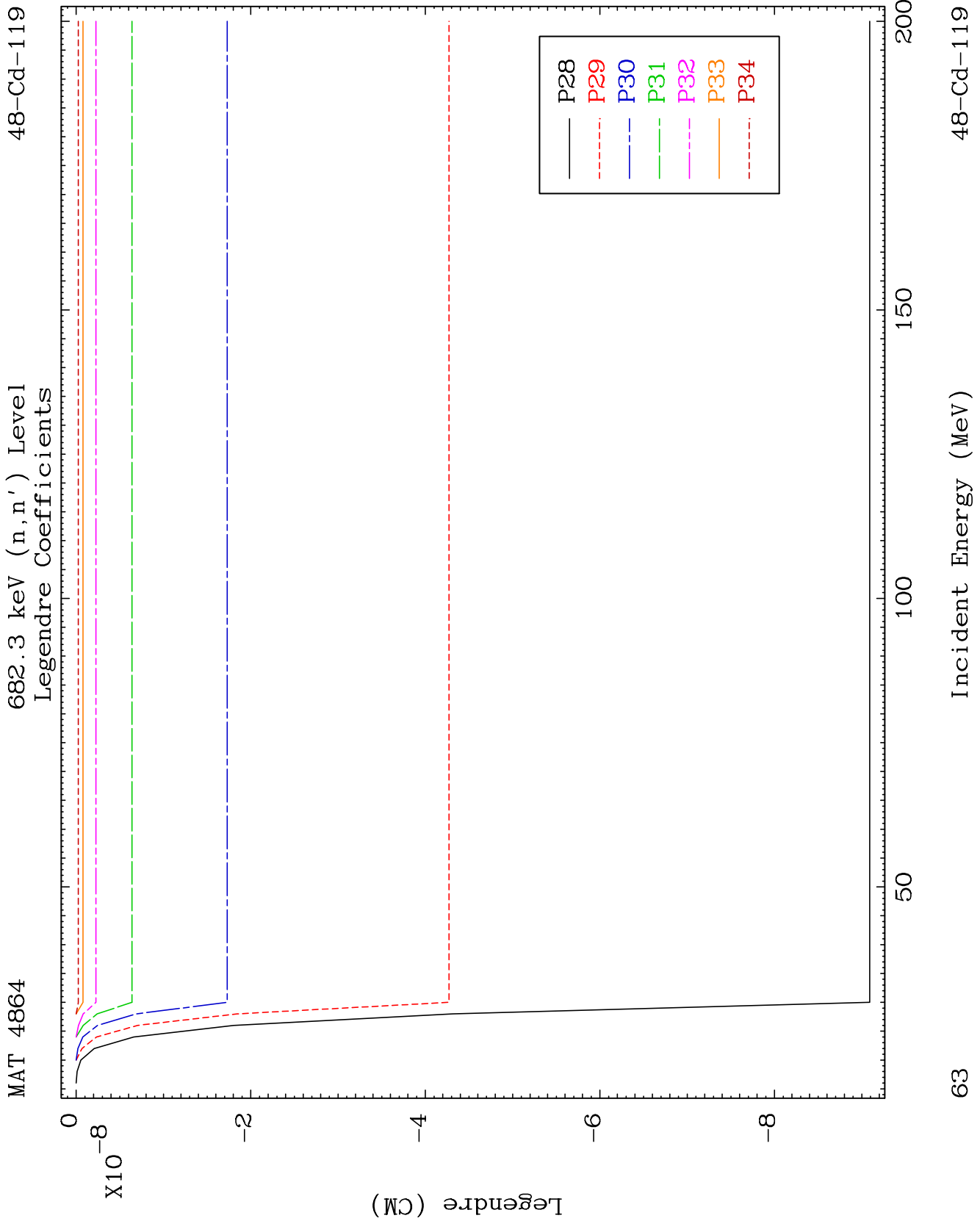
MAT 4864

682.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



62

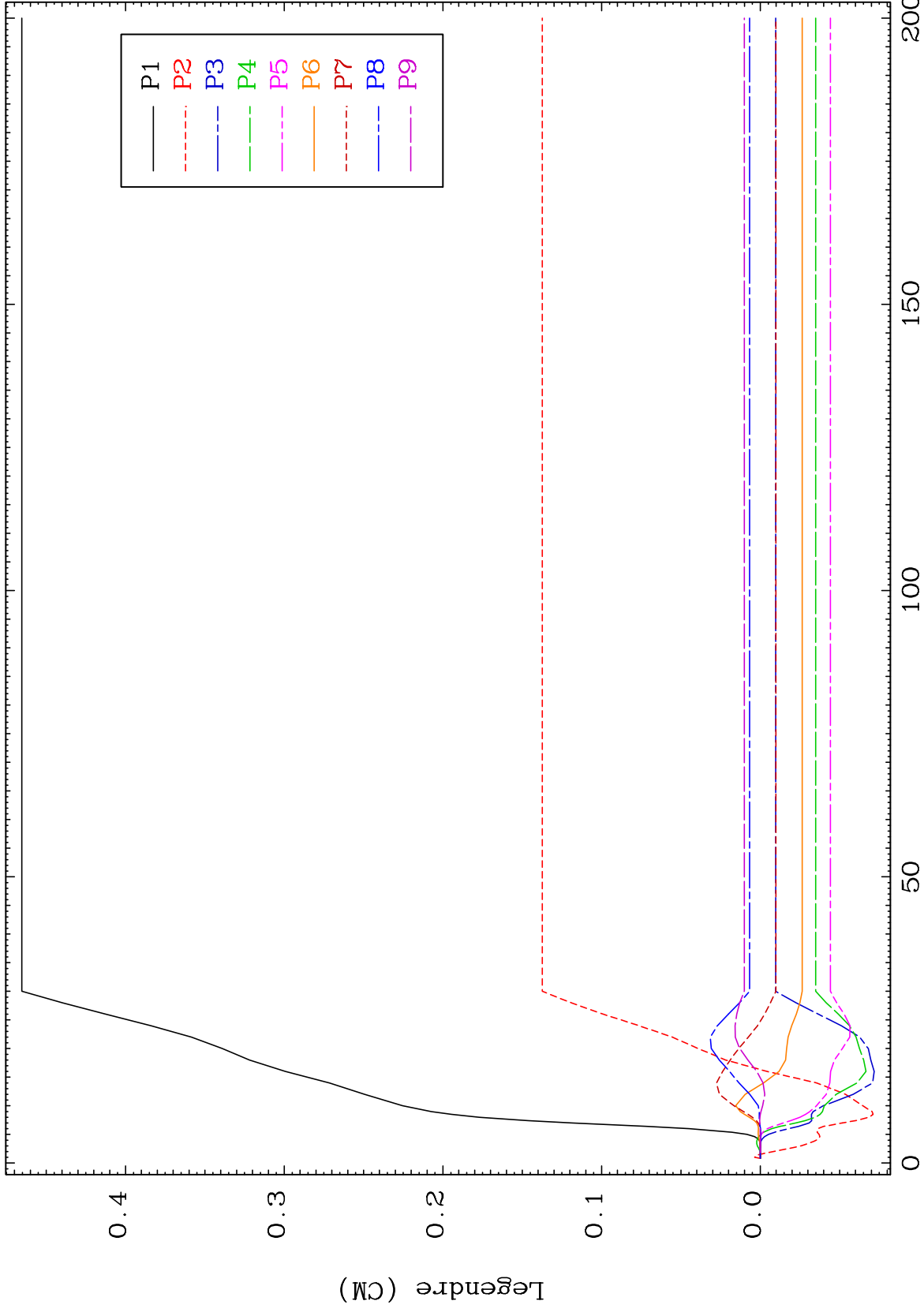




MAT 4864

806.1 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



64

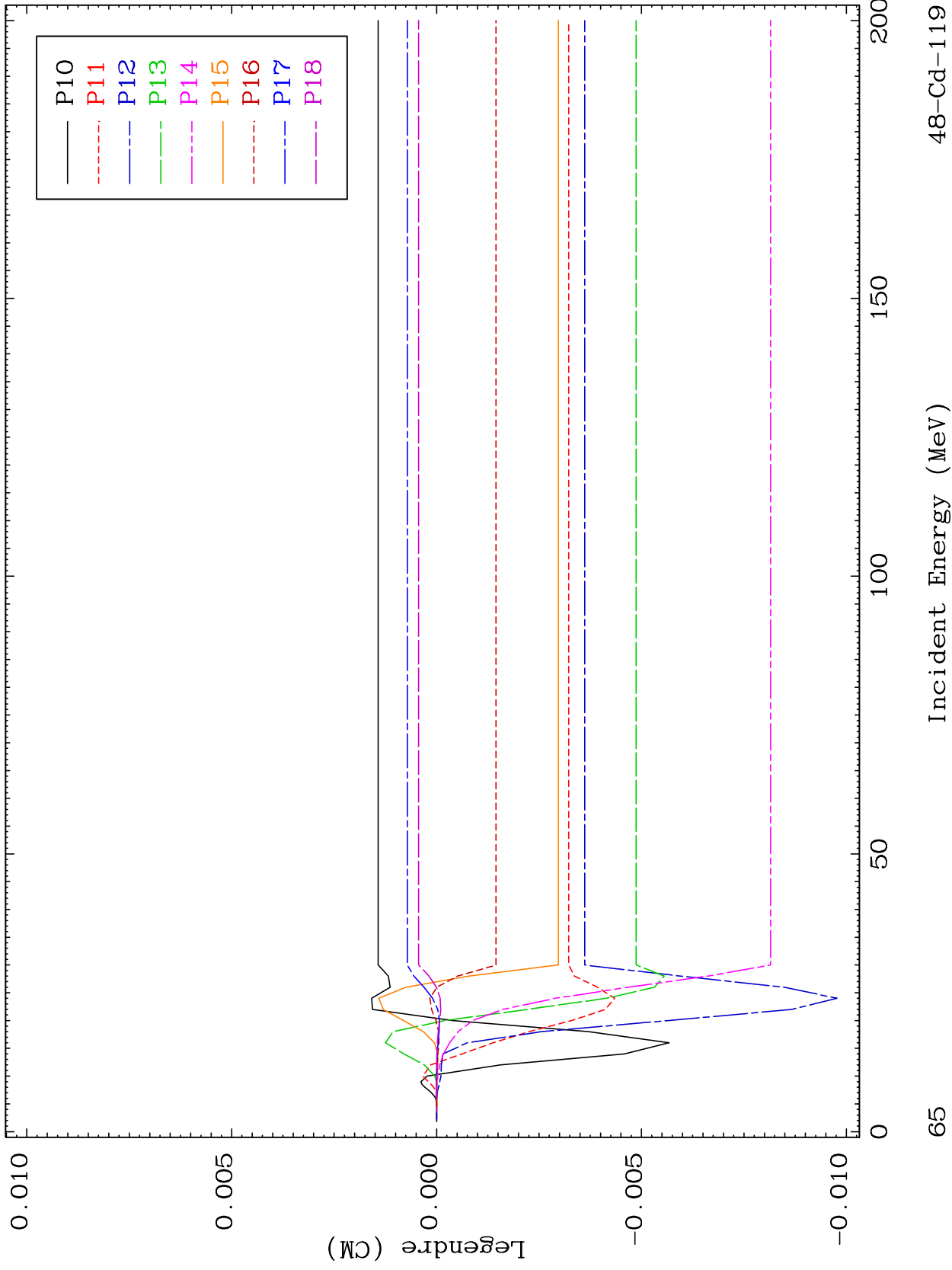
Incident Energy (MeV)

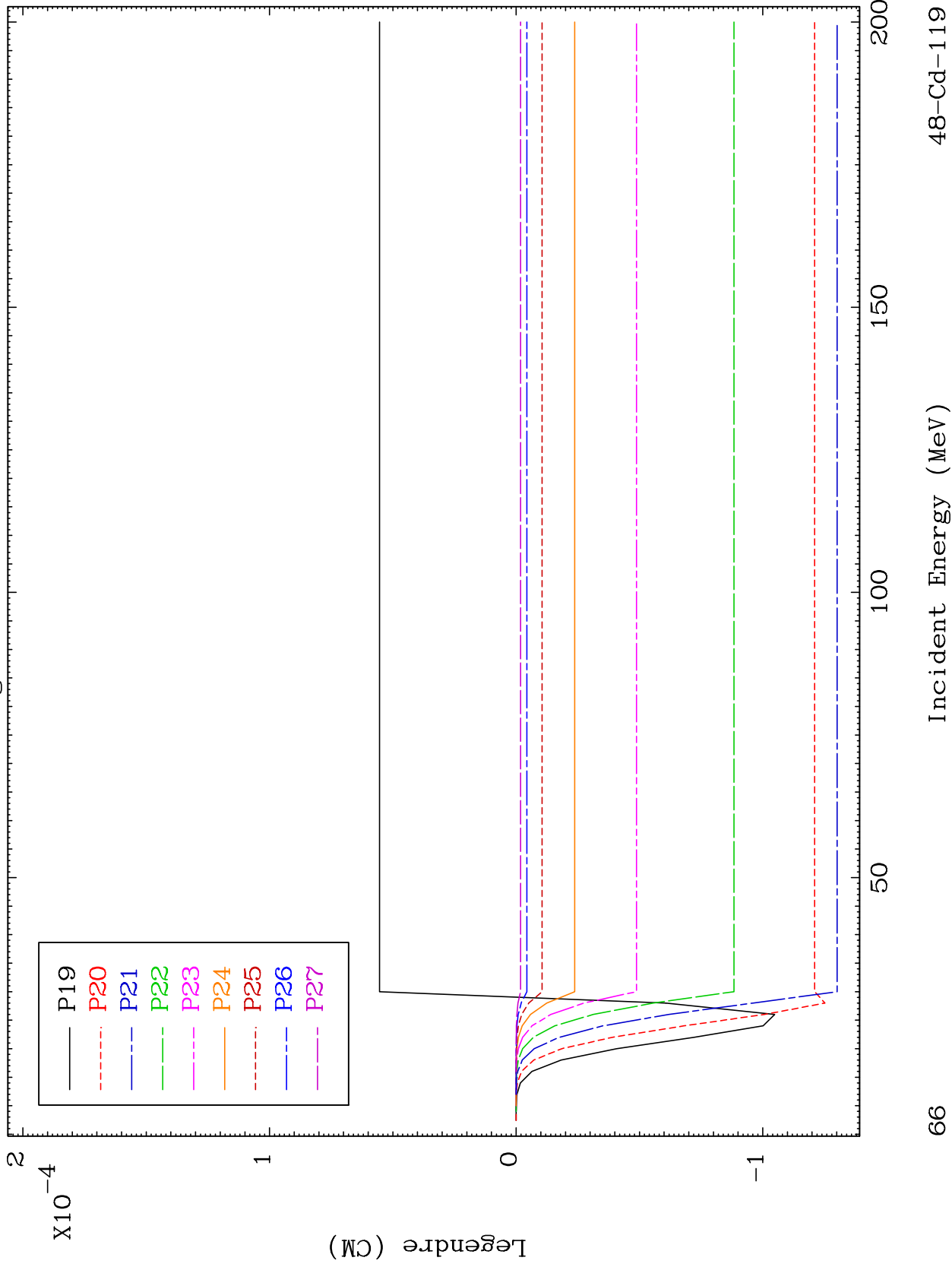
48-Cd-119

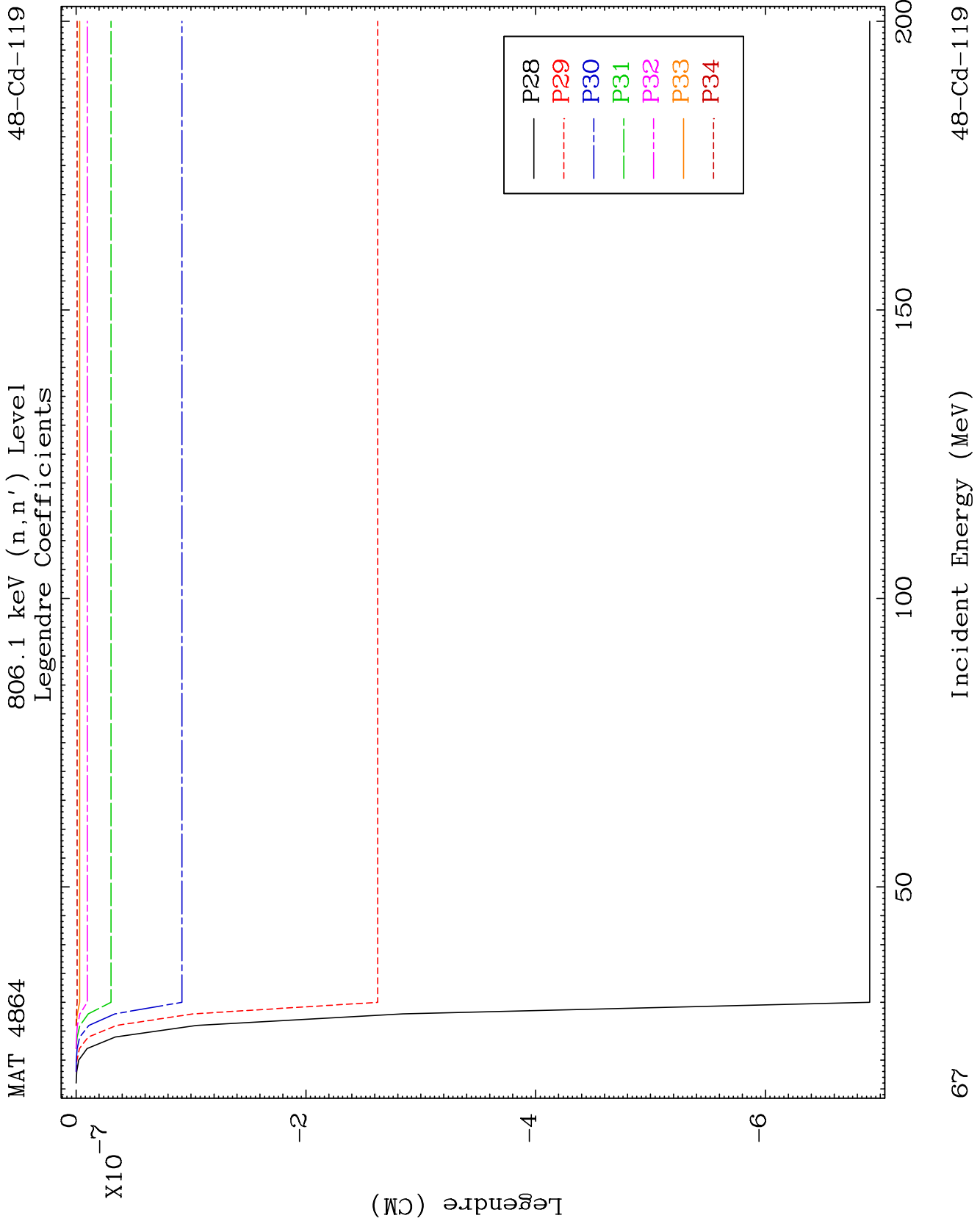
MAT 4864

806.1 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



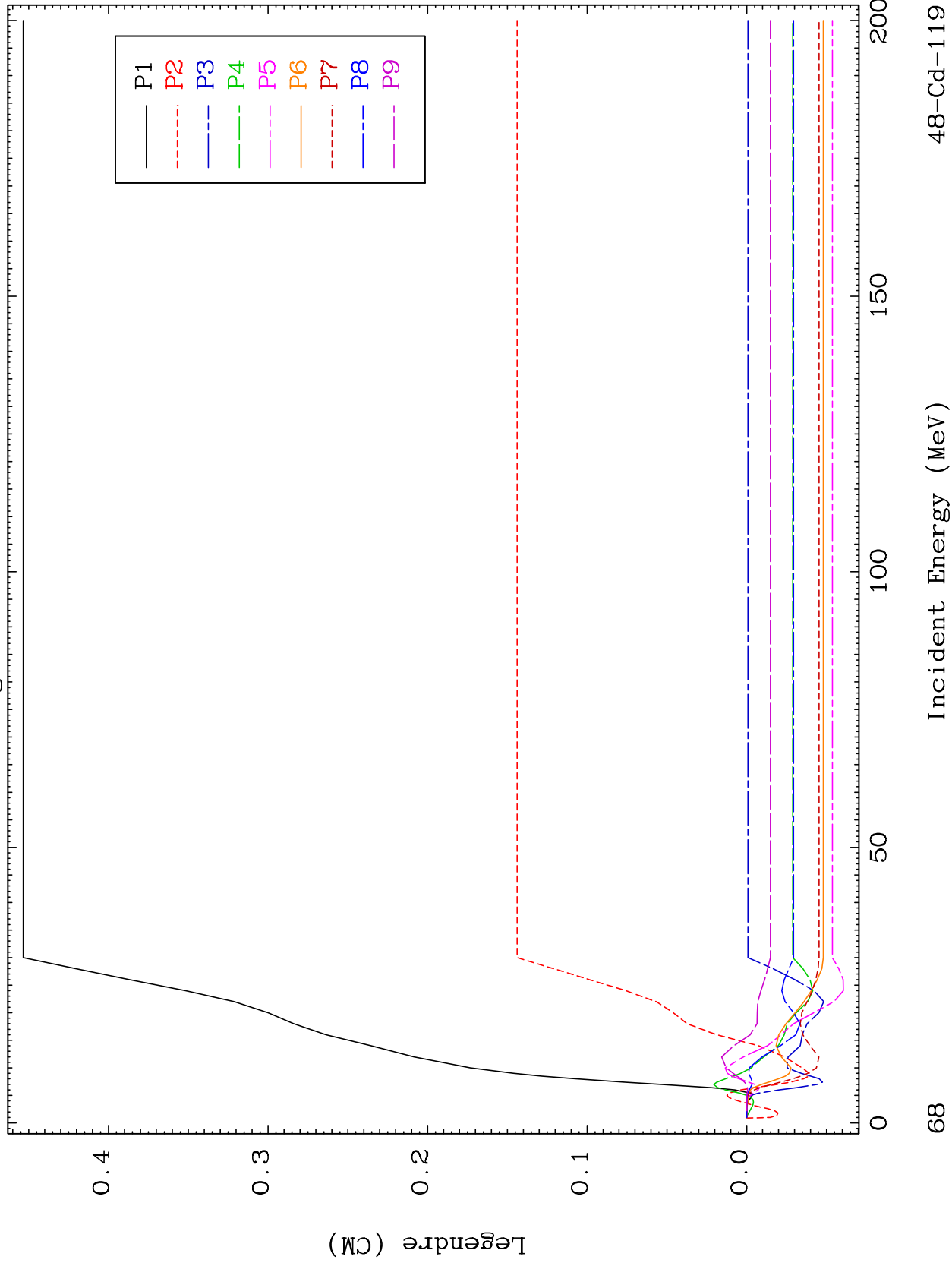




MAT 4864

866.5 keV (n,n') Level  
Legendre Coefficients

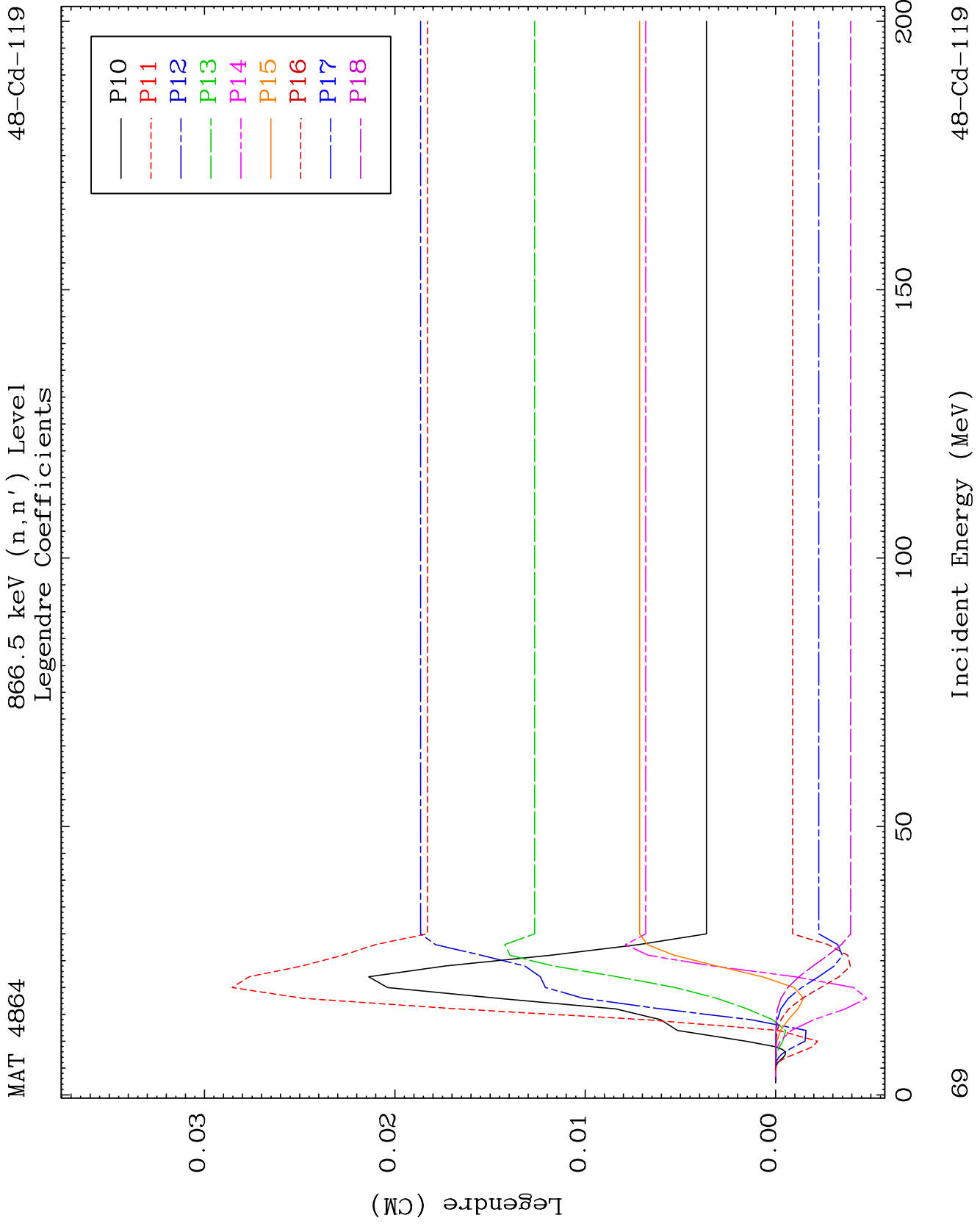
48-Cd-119



48-Cd-119

Incident Energy (MeV)

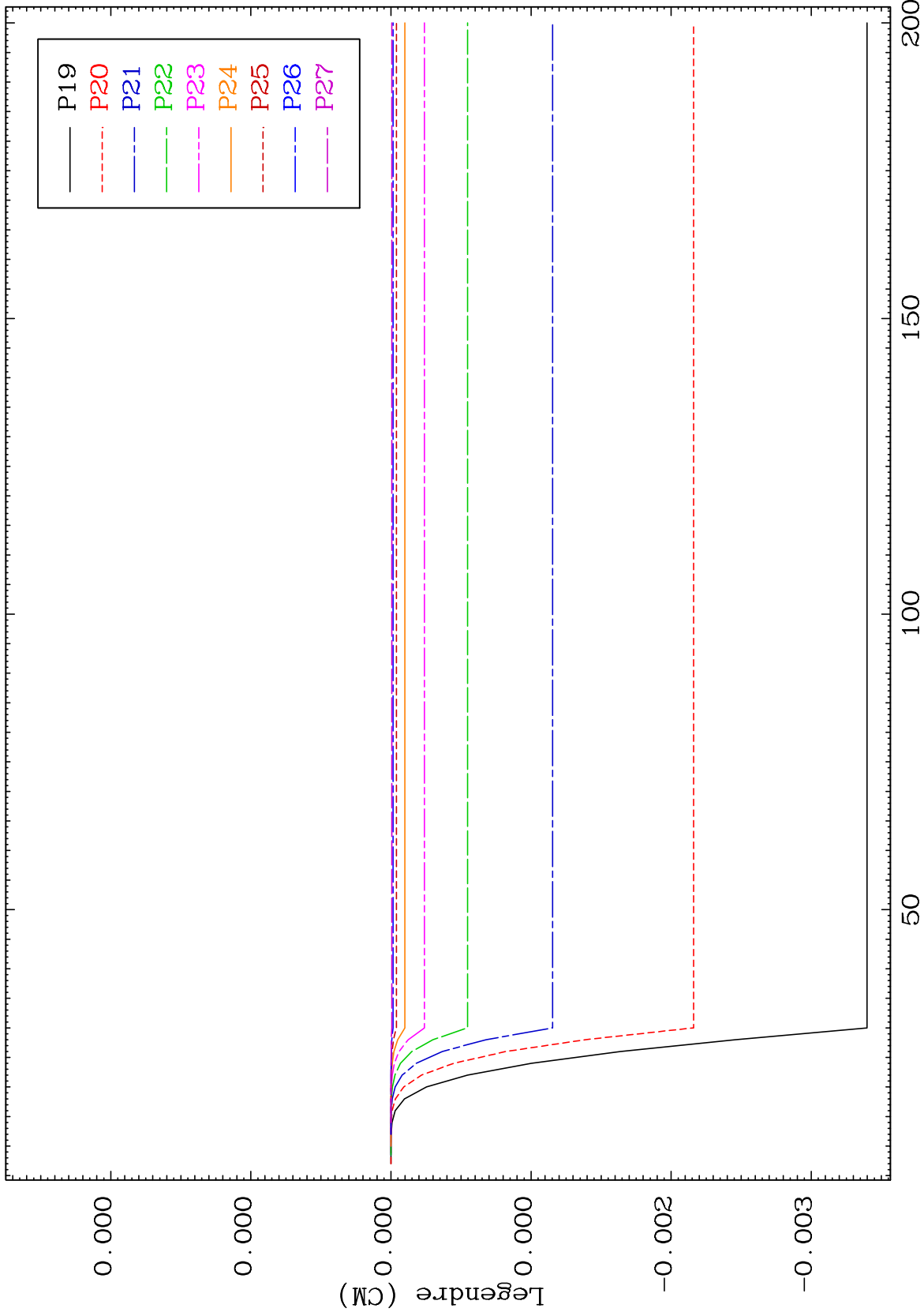
68



MAT 4864

866.5 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



70

Incident Energy (MeV)

48-Cd-119

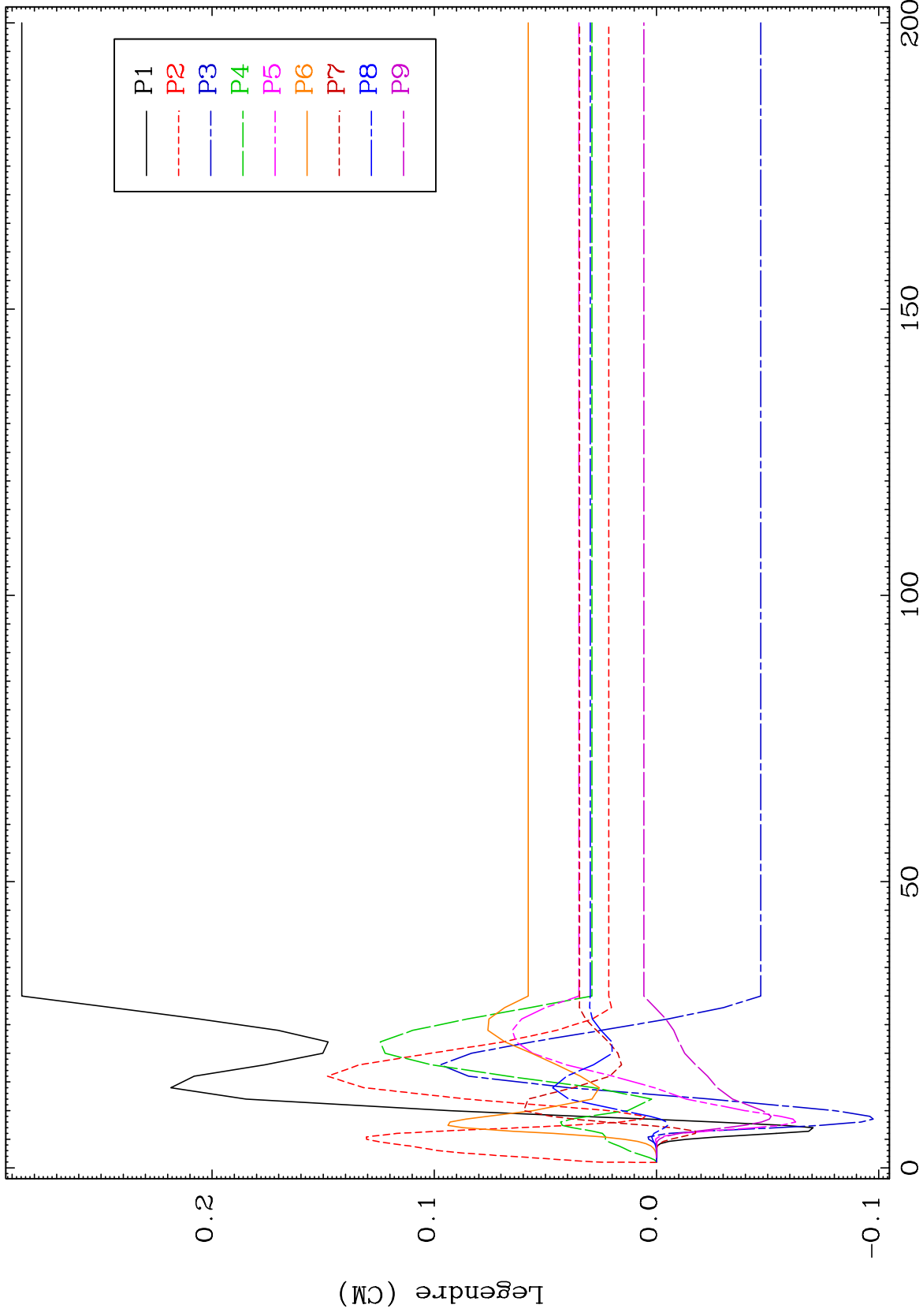




MAT 4864

924.3 keV (n,n') Level  
Legendre Coefficients

48-Cd-119



72

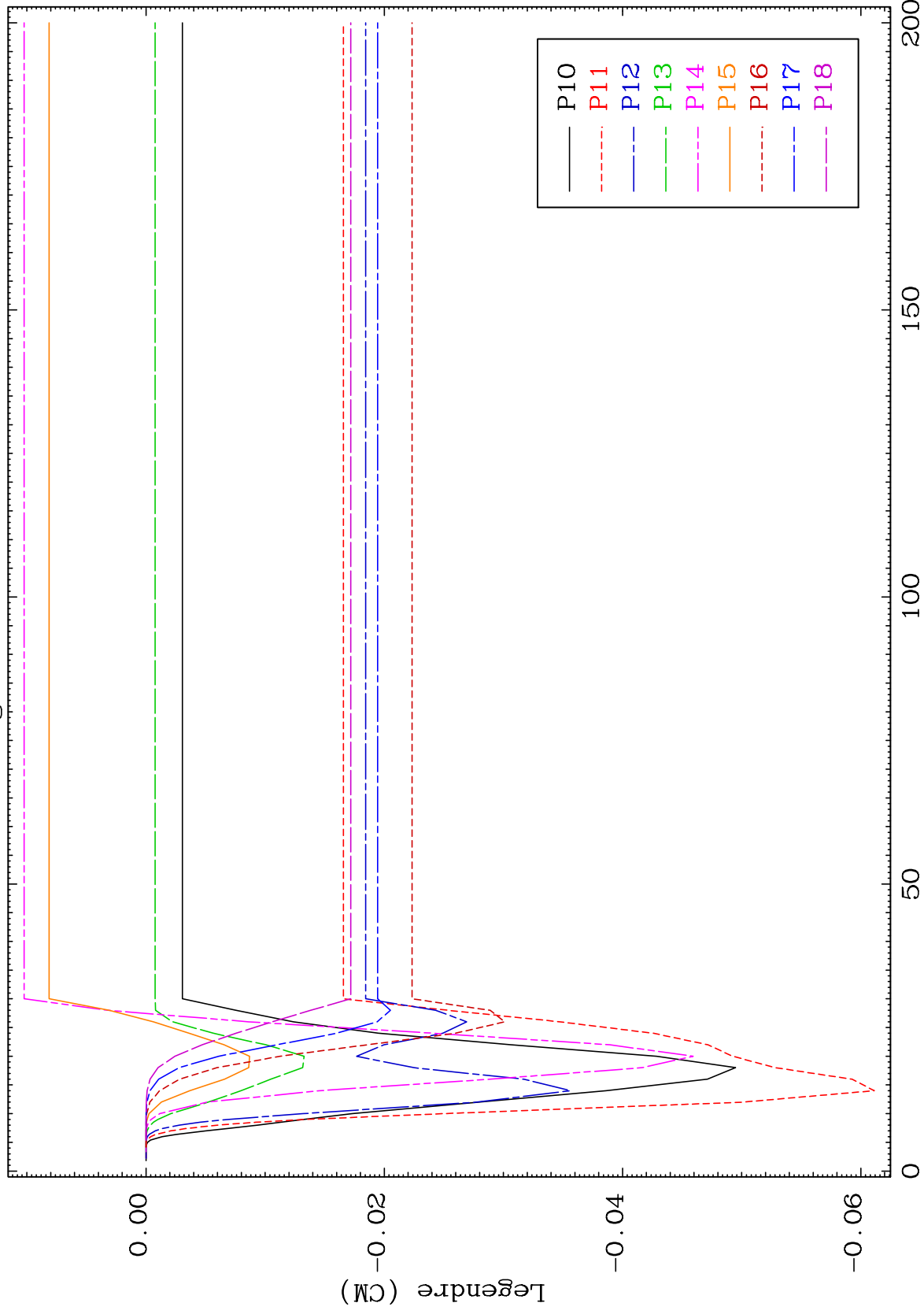
Incident Energy (MeV)

48-Cd-119

MAT 4864

924.3 keV (n,n') Level  
Legendre Coefficients

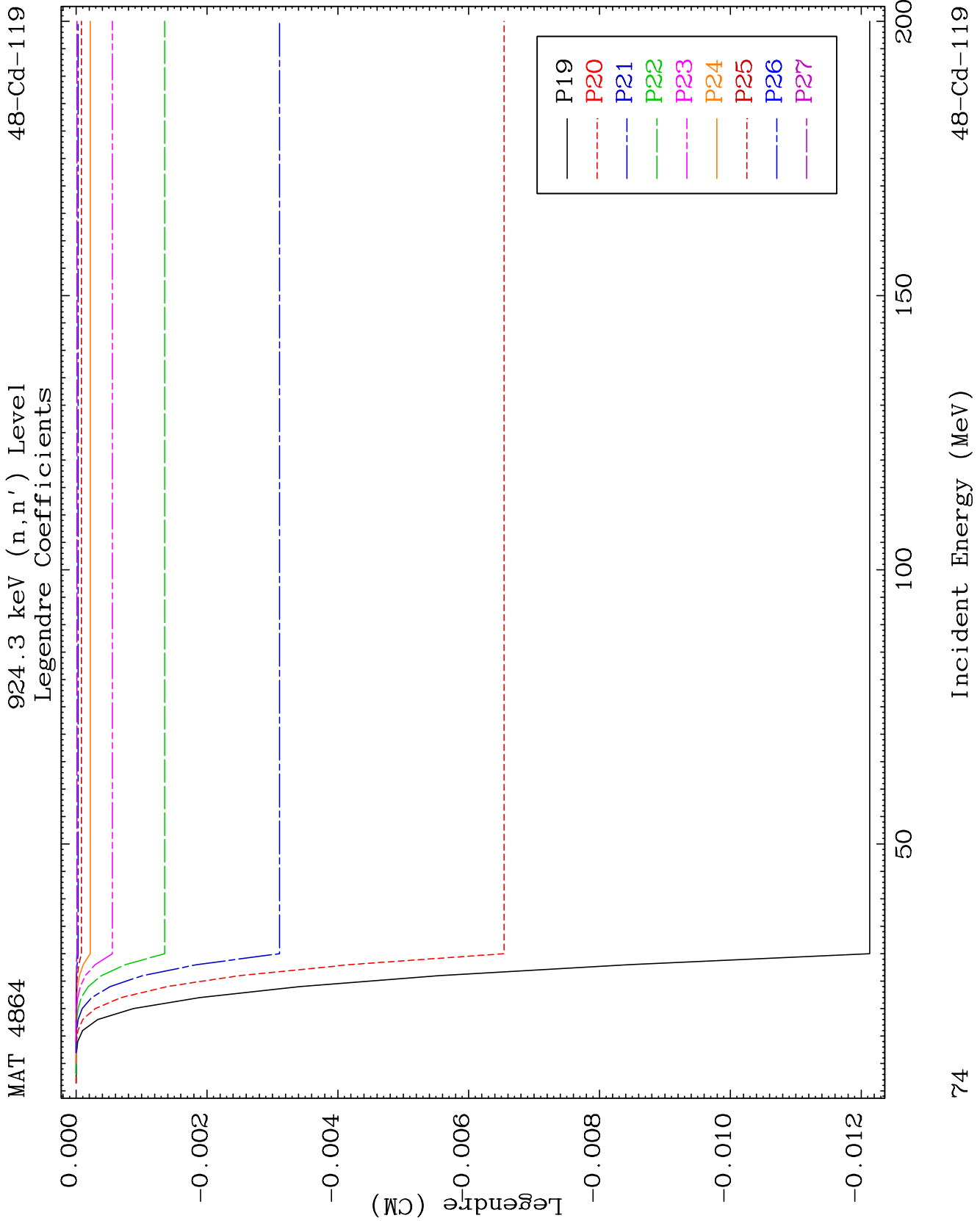
48-Cd-119

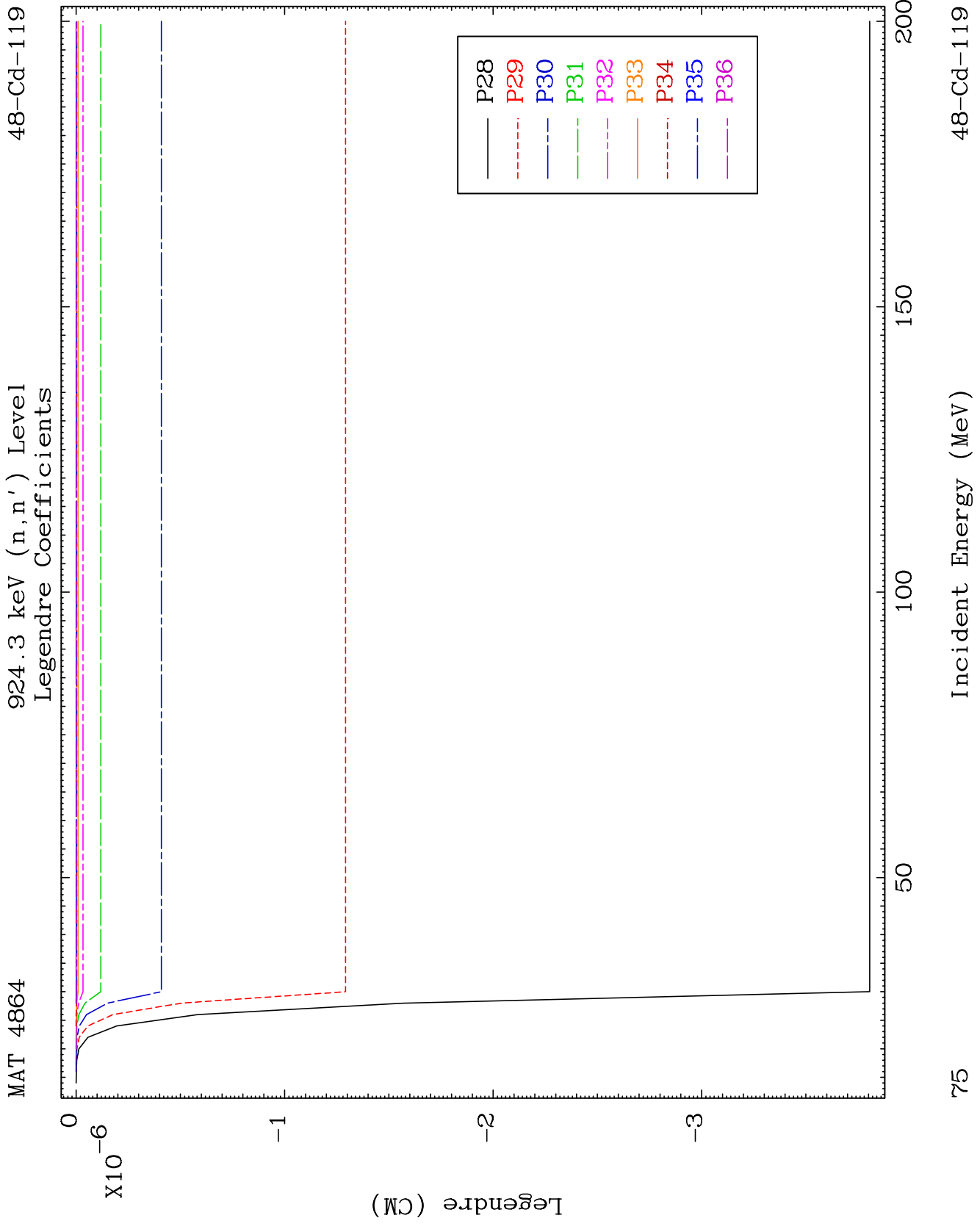


73

Incident Energy (MeV)

48-Cd-119

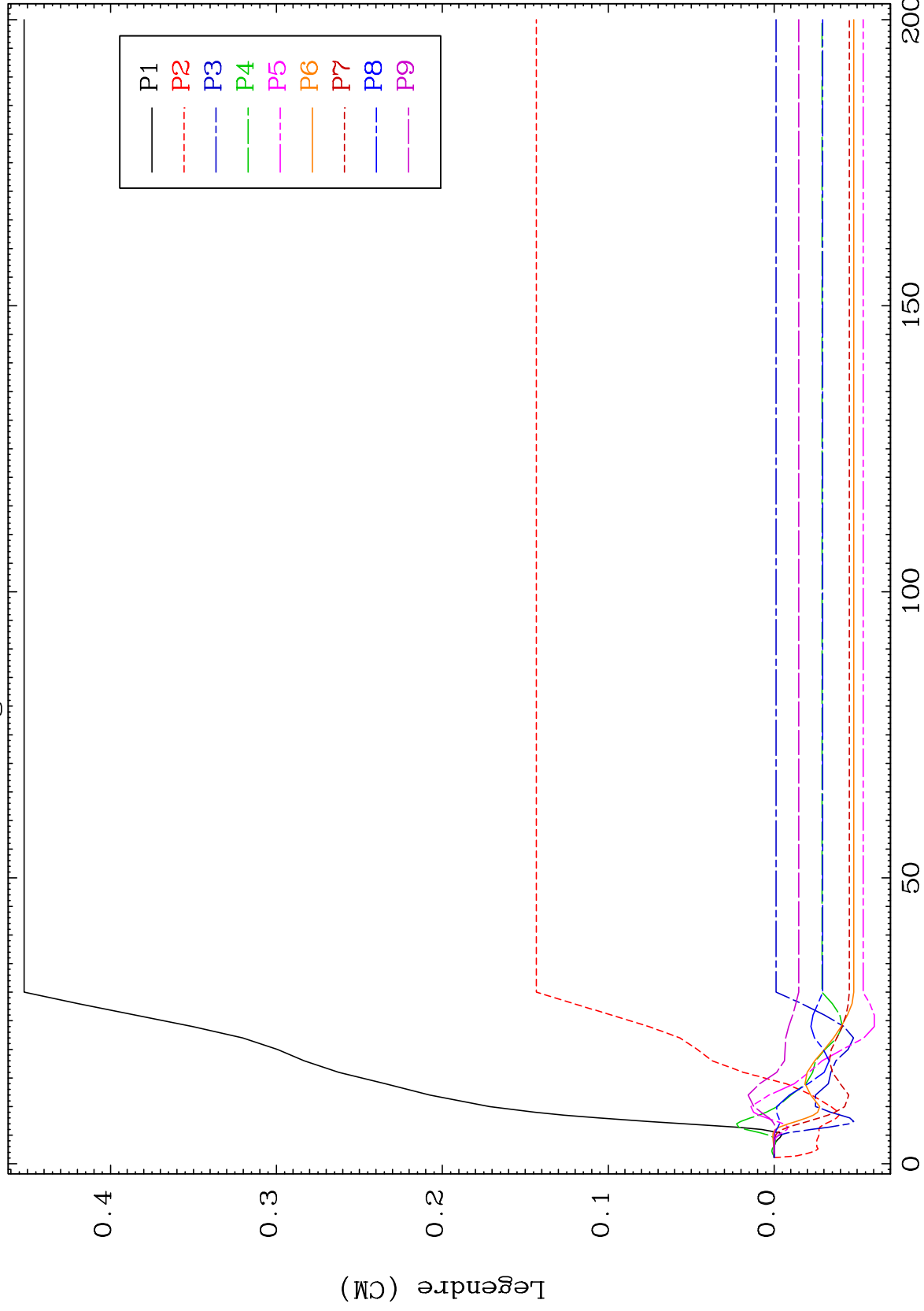




MAT 4864

1.054 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



76

Incident Energy (MeV)

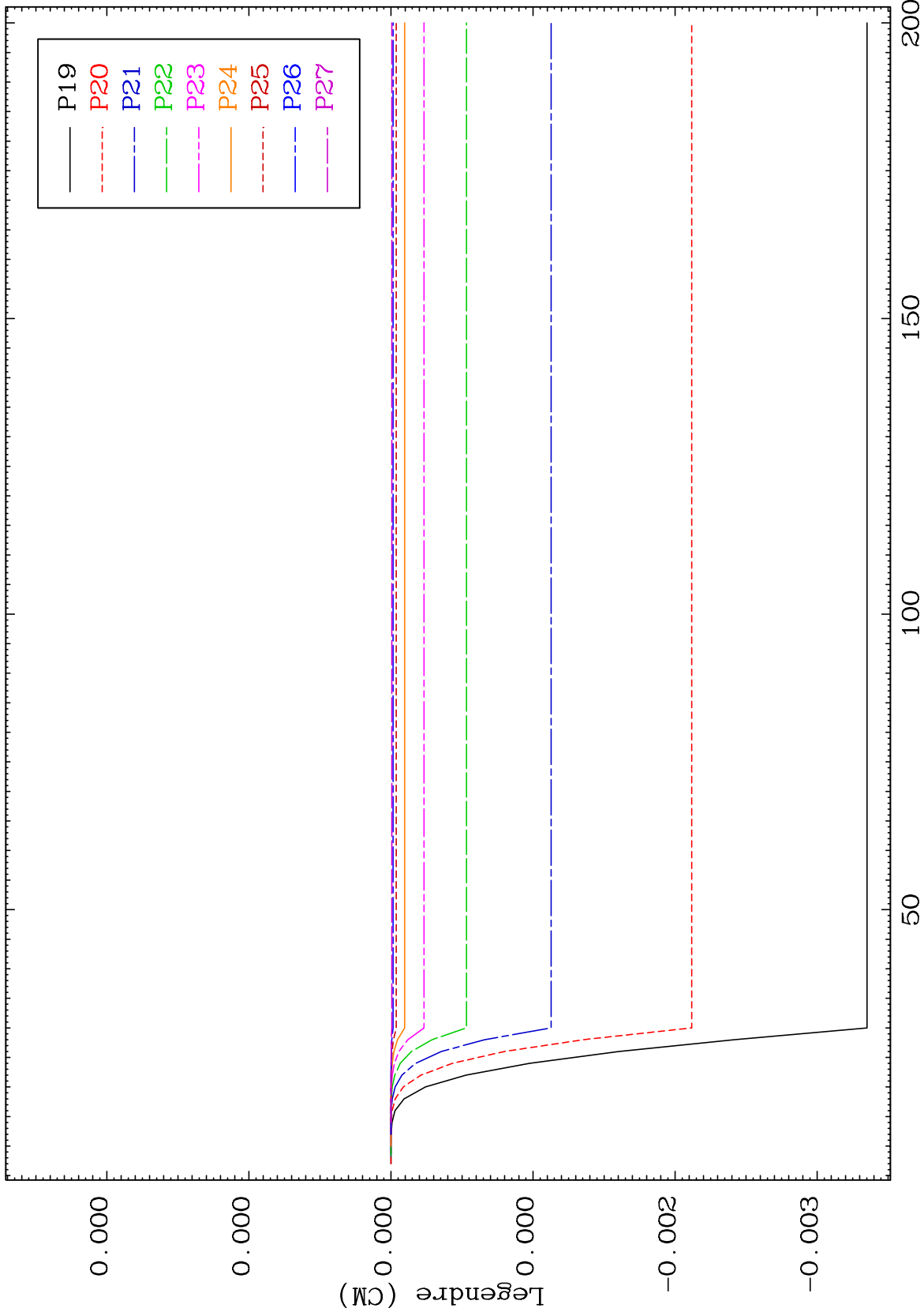
48-Cd-119



MAT 4864

1.054 MeV (n,n') Level  
Legendre Coefficients

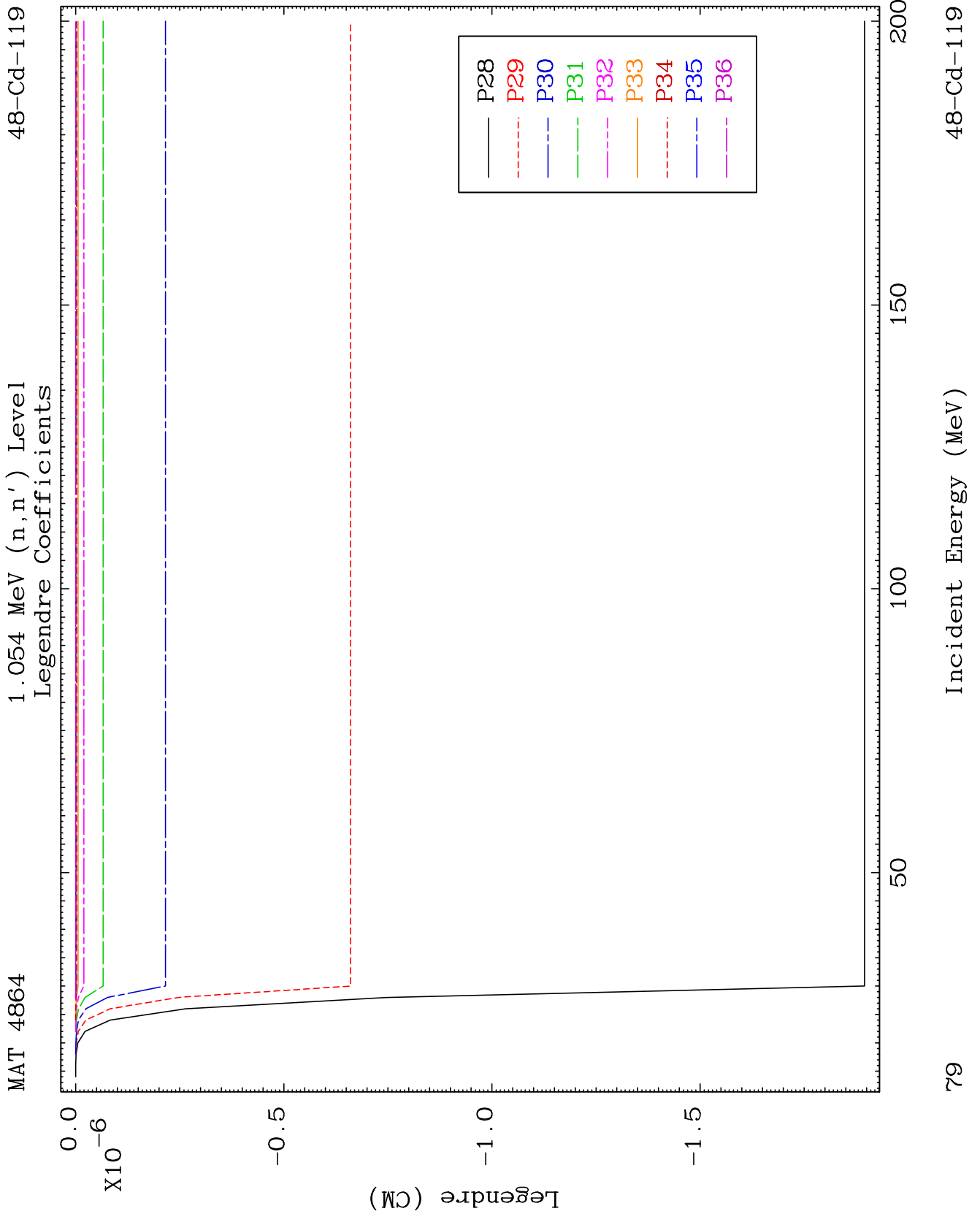
48-Cd-119



78

Incident Energy (MeV)

48-Cd-119

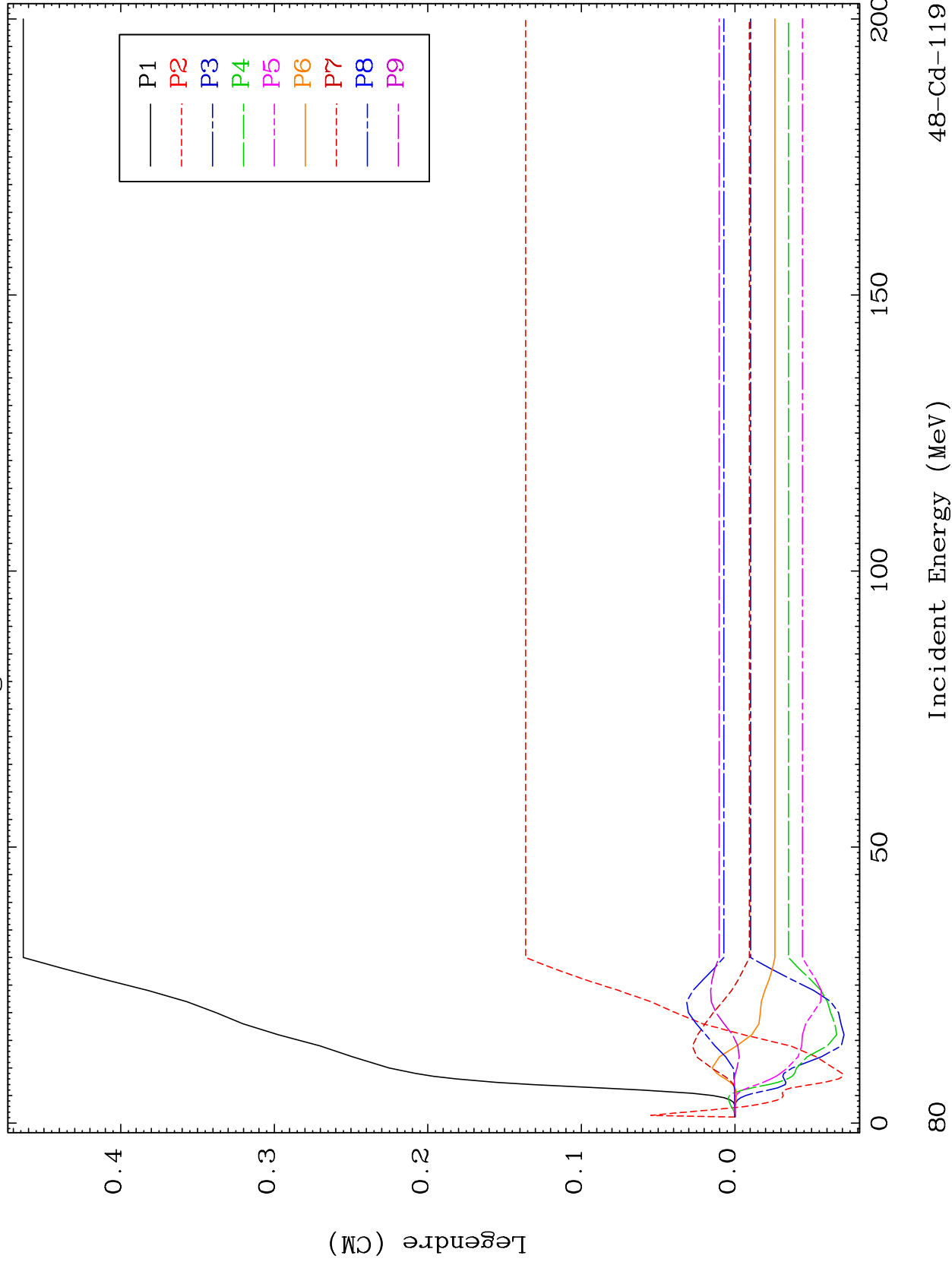




MAT 4864

1.087 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119

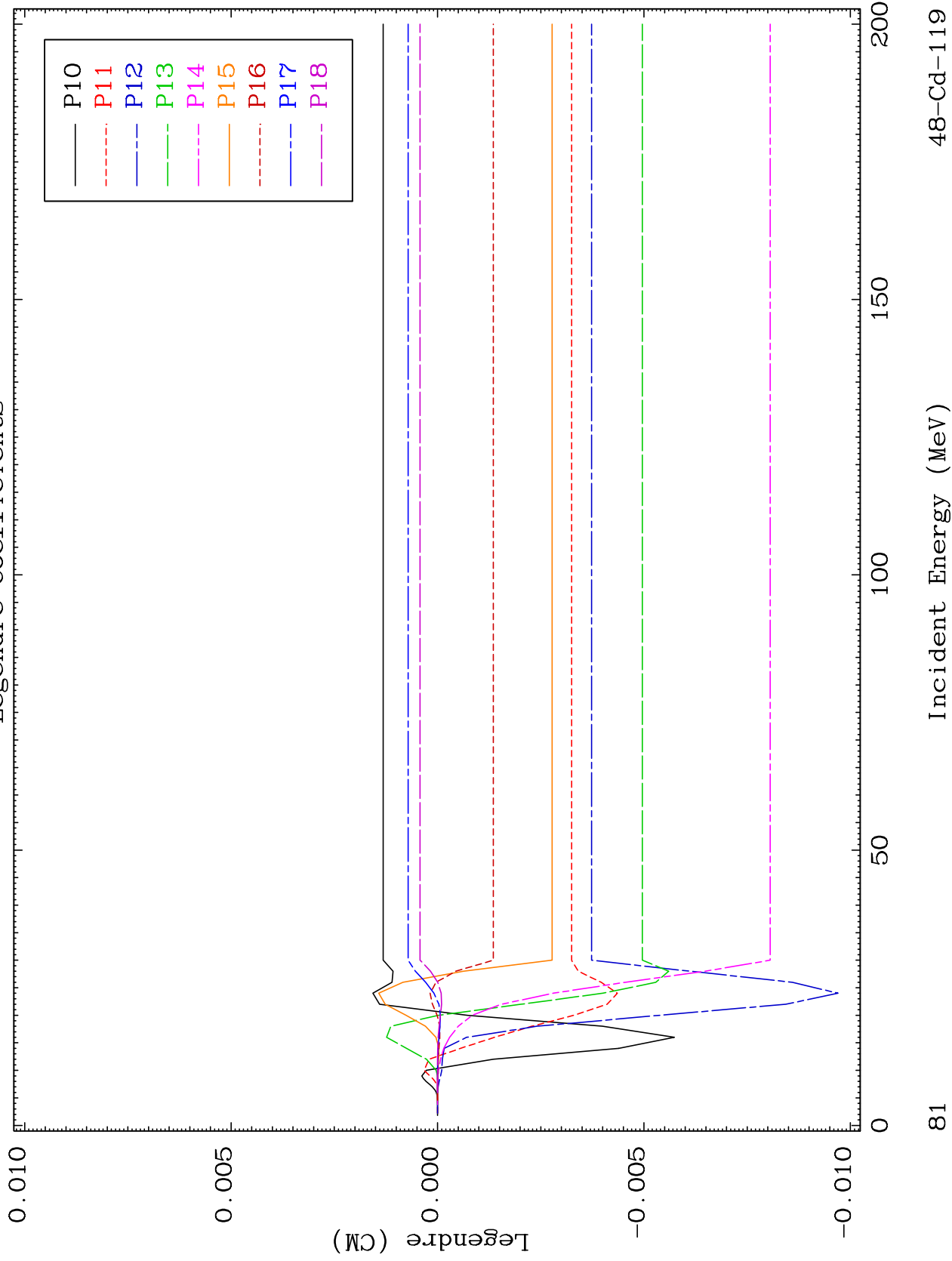


48-Cd-119

MAT 4864

1.087 MeV (n,n') Level  
Legendre Coefficients

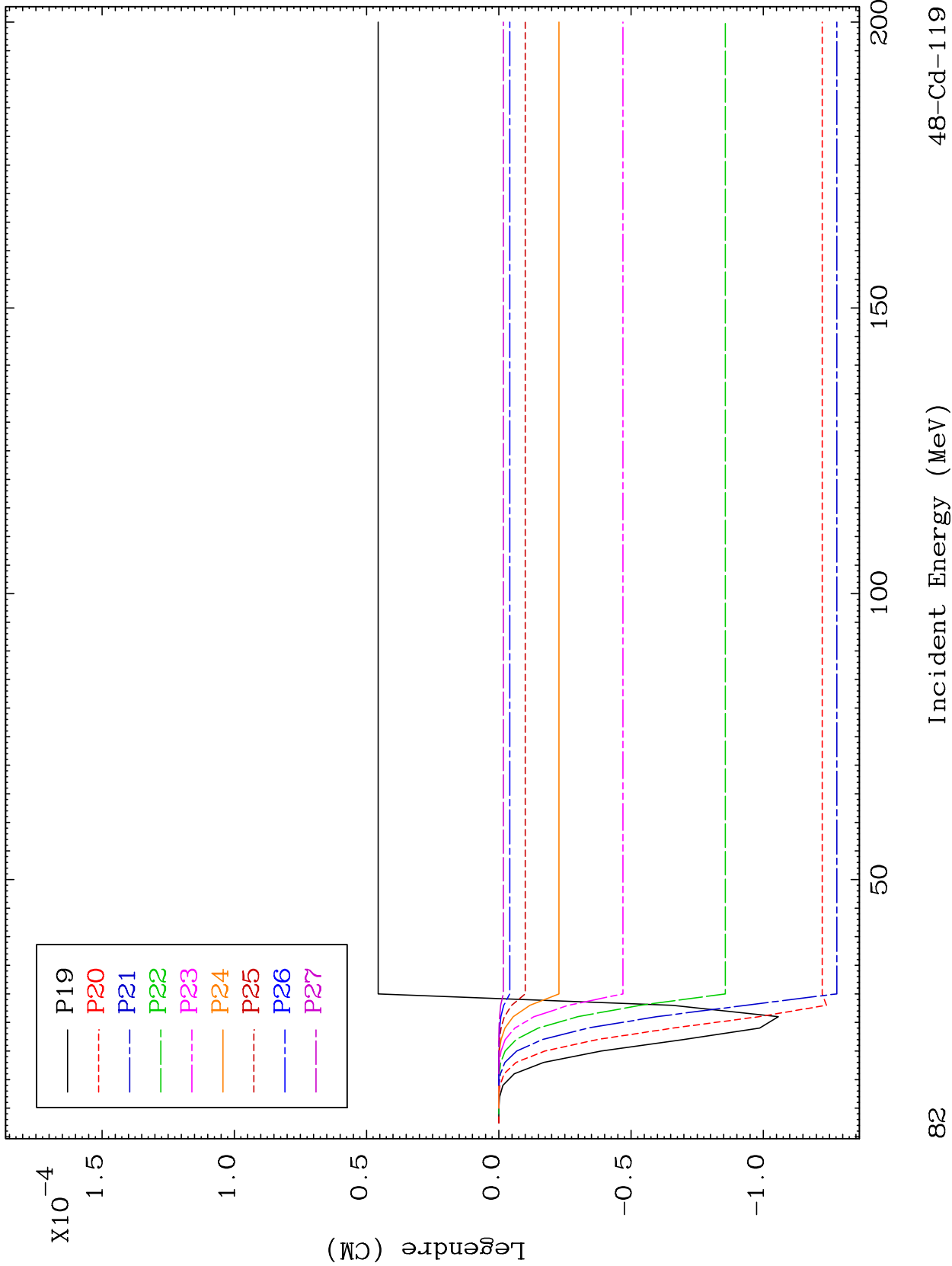
48-Cd-119

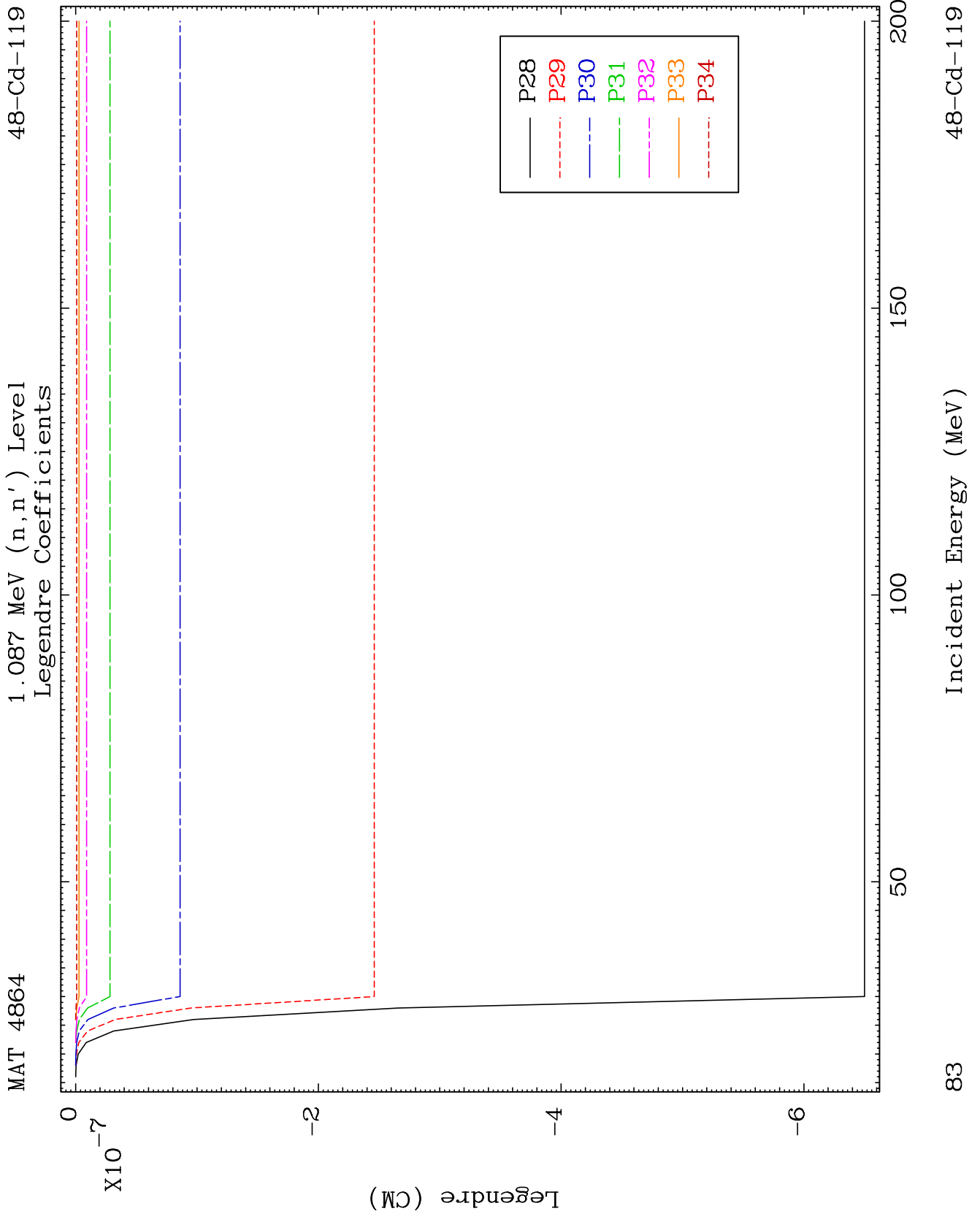


81

Incident Energy (MeV)

48-Cd-119



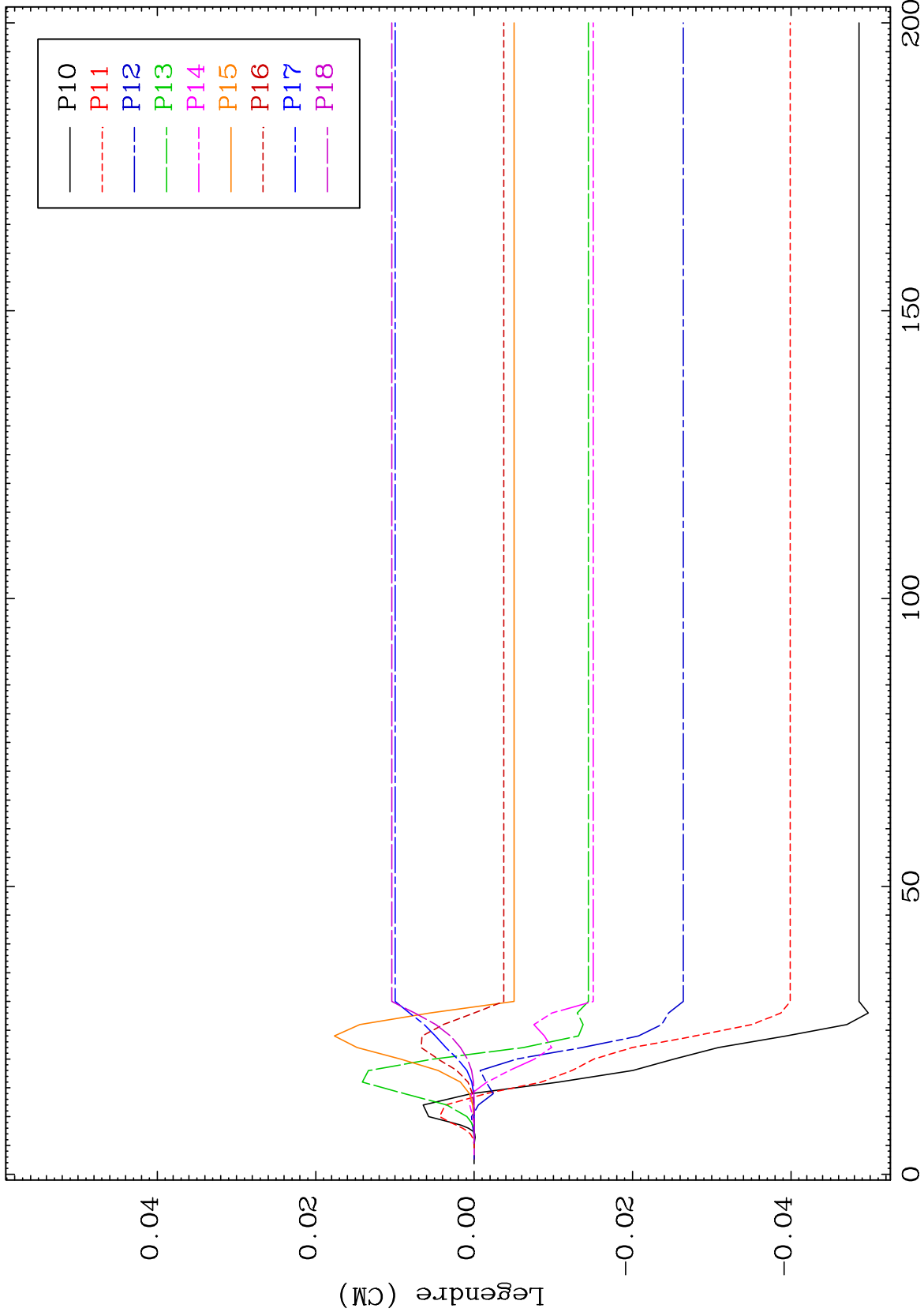




MAT 4864

1.131 MeV (n,n') Level  
Legendre Coefficients

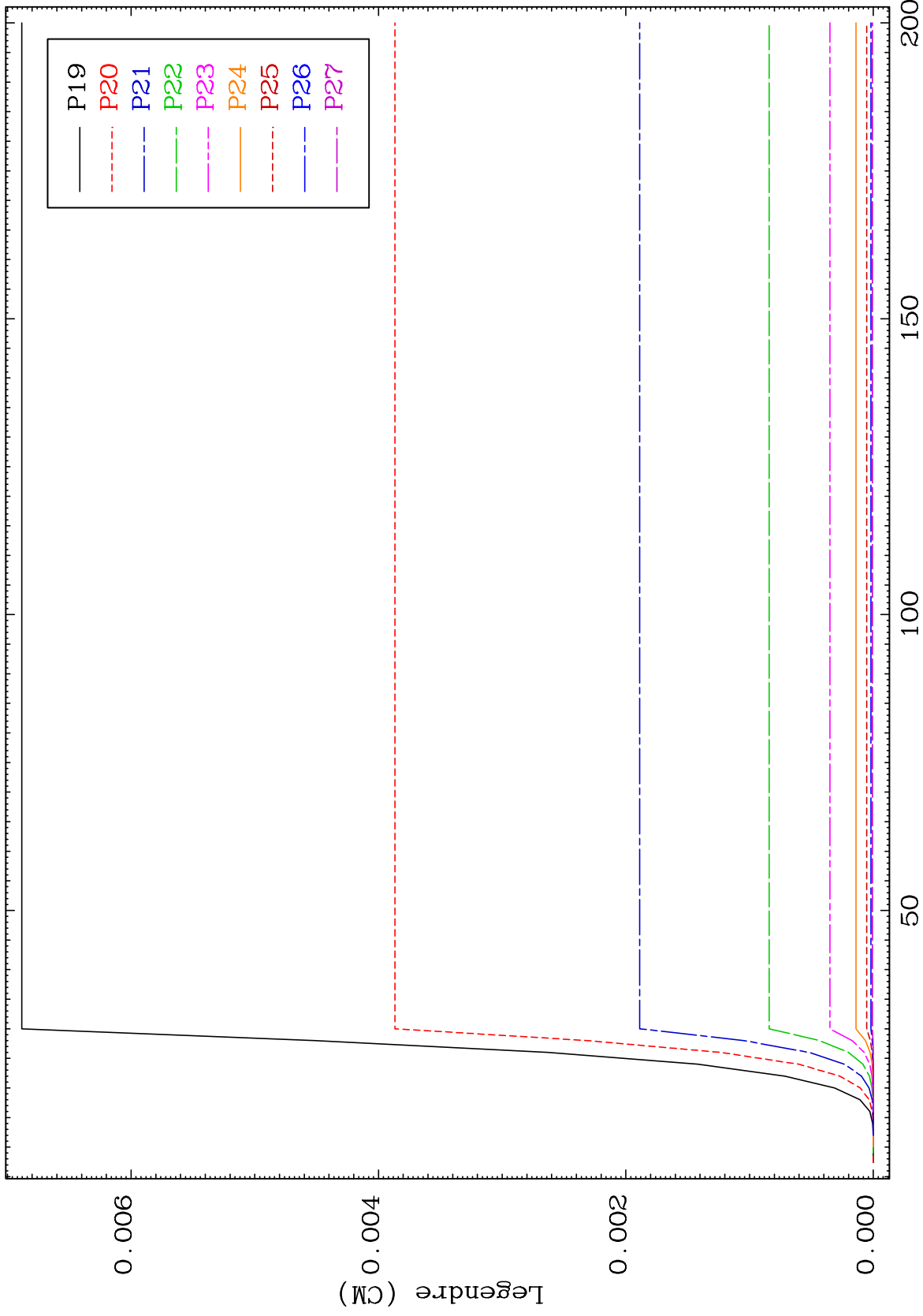
48-Cd-119



85

Incident Energy (MeV)

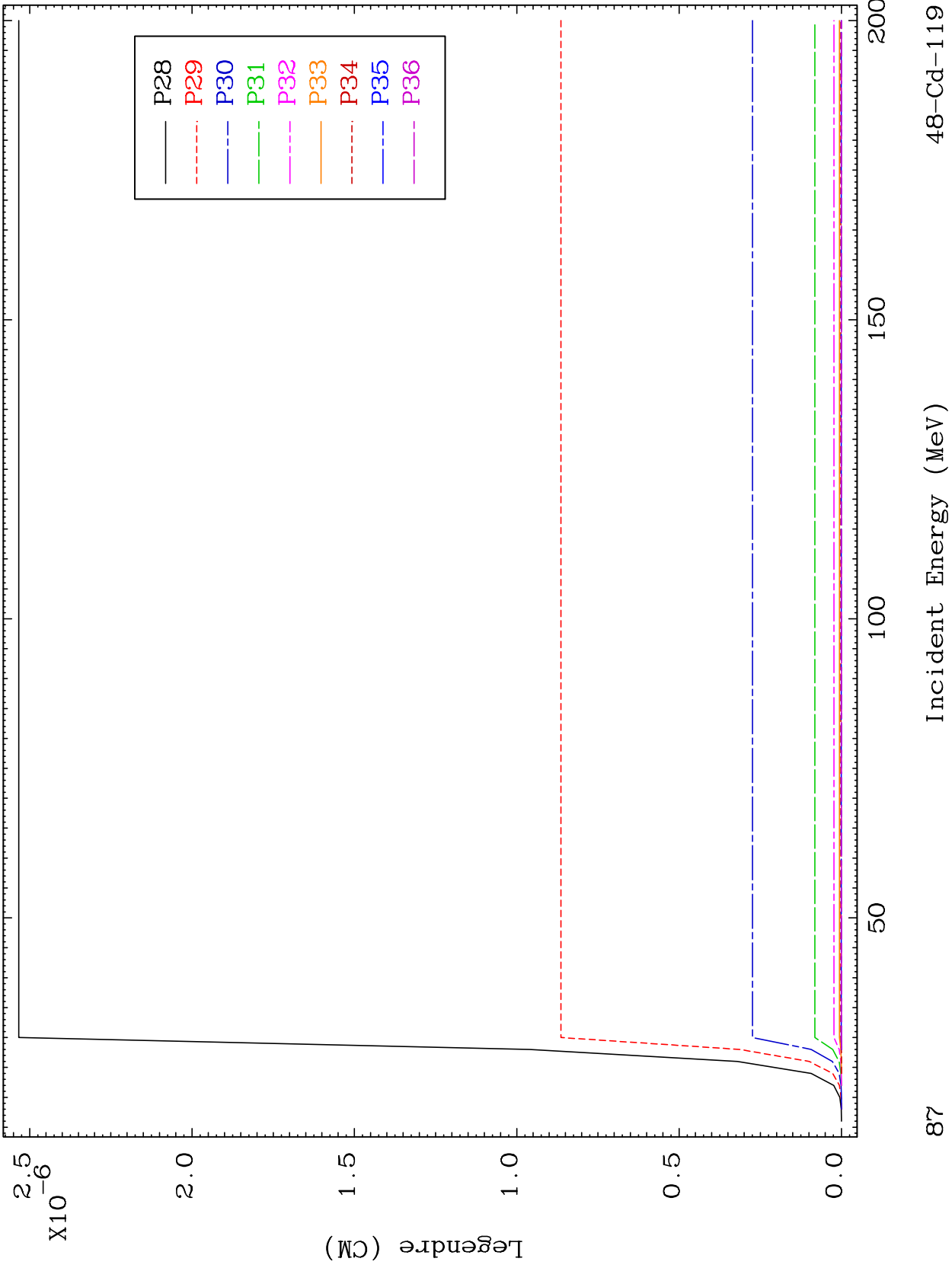
48-Cd-119



MAT 4864

1.131 MeV (n, n') Level  
Legendre Coefficients

48-Cd-119

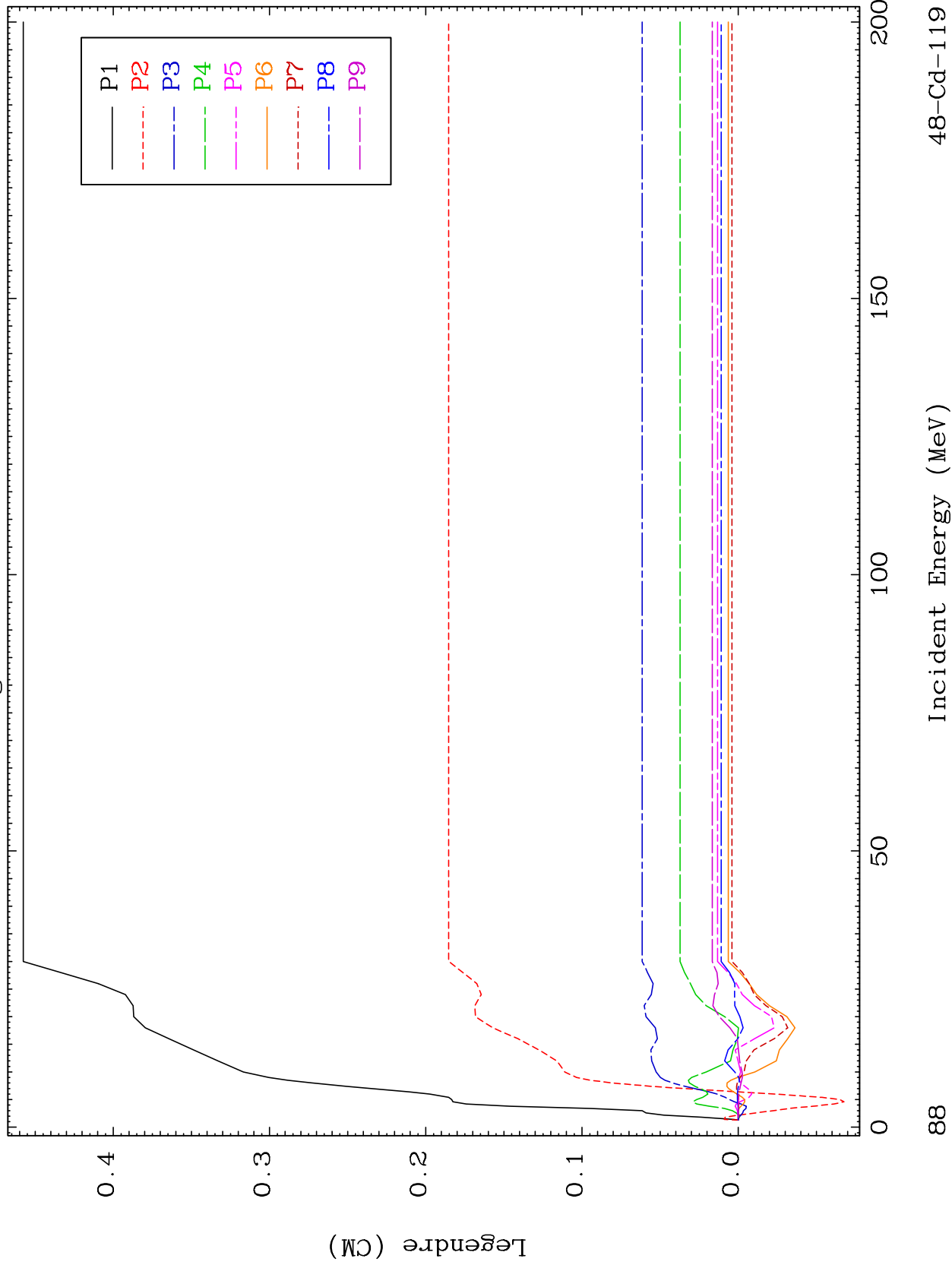




MAT 4864

1.279 MeV (n, n') Level  
Legendre Coefficients

48-Cd-119



48-Cd-119

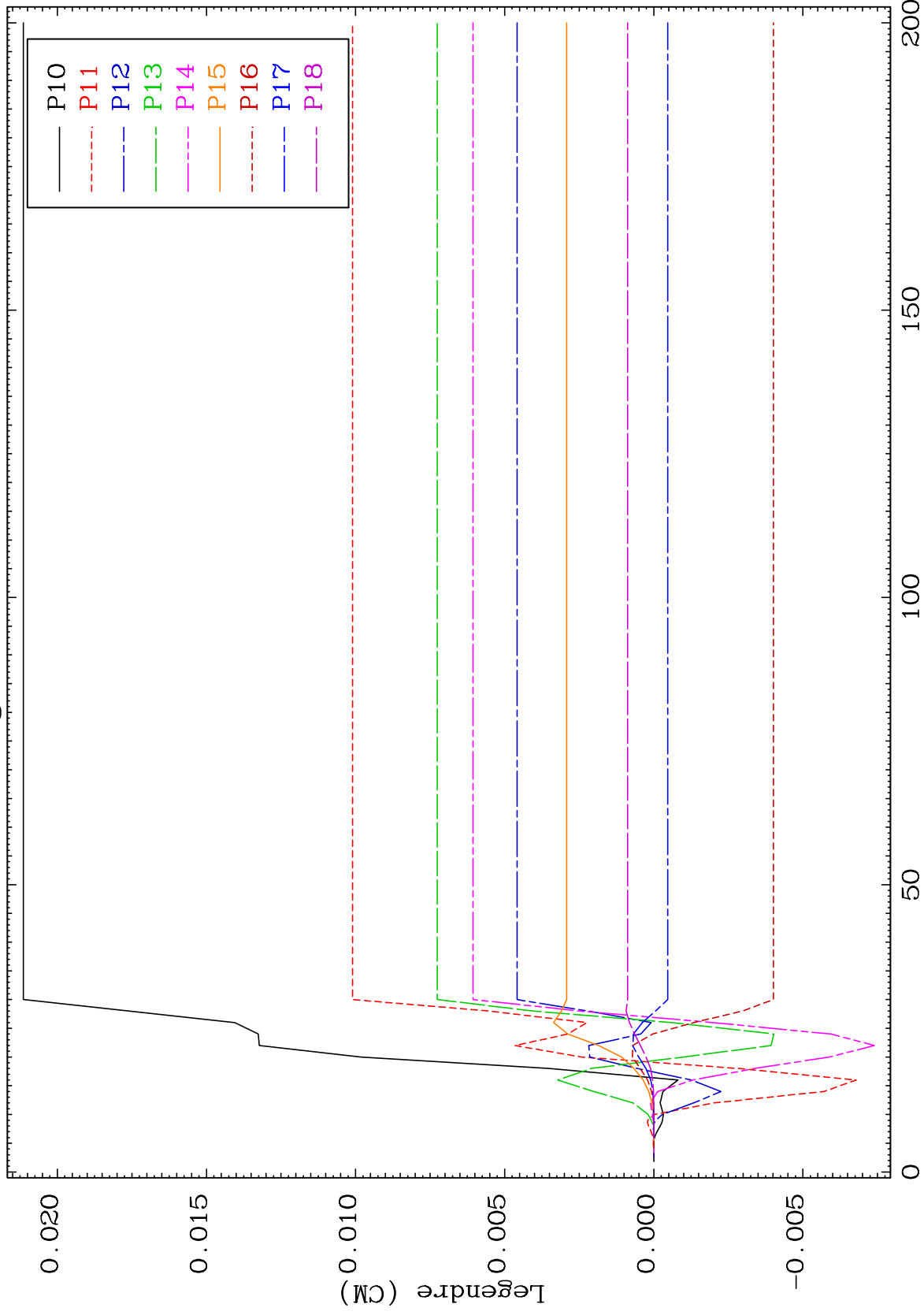
Incident Energy (MeV)

88

MAT 4864

1.279 MeV (n,n') Level  
Legendre Coefficients

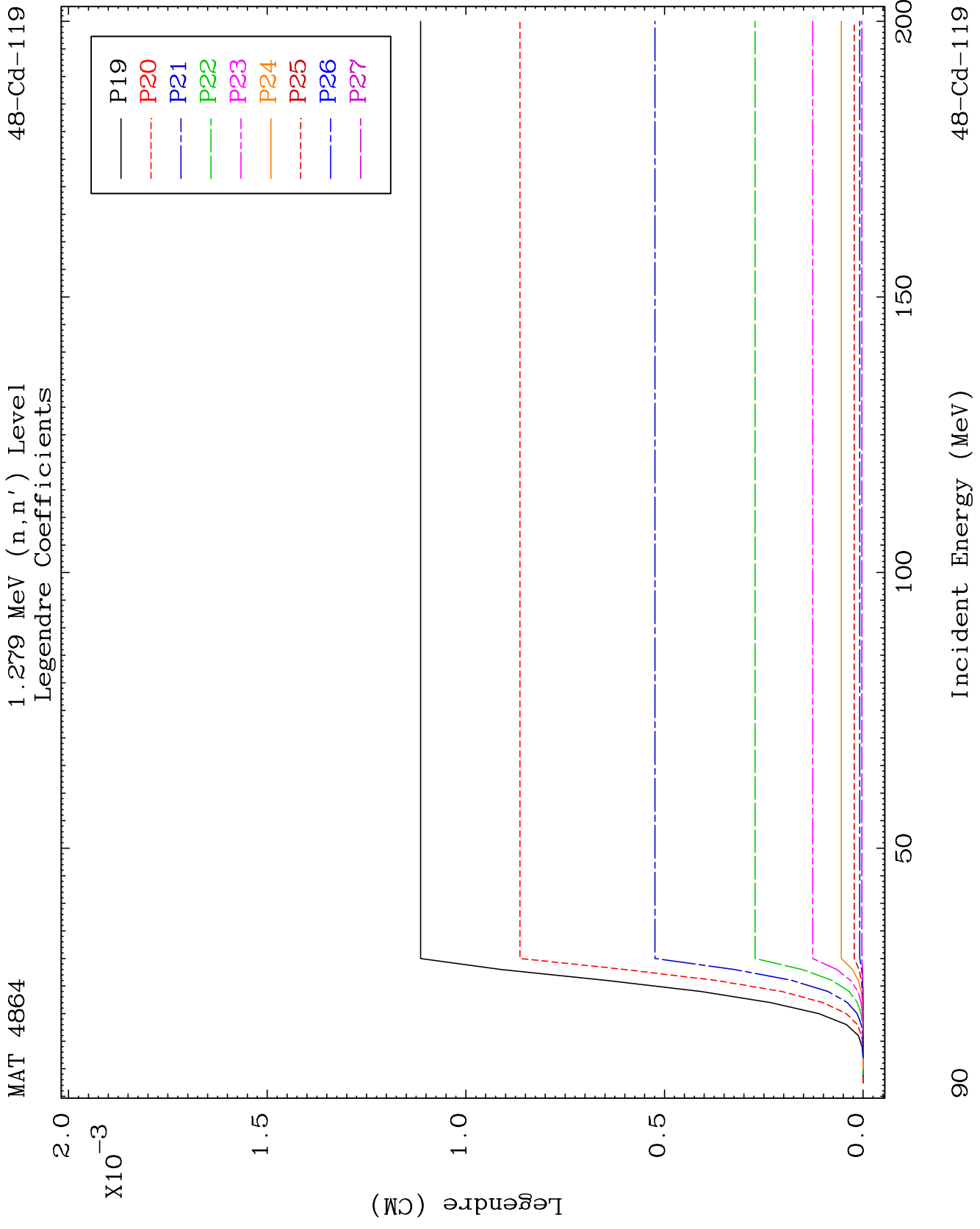
48-Cd-119



89

Incident Energy (MeV)

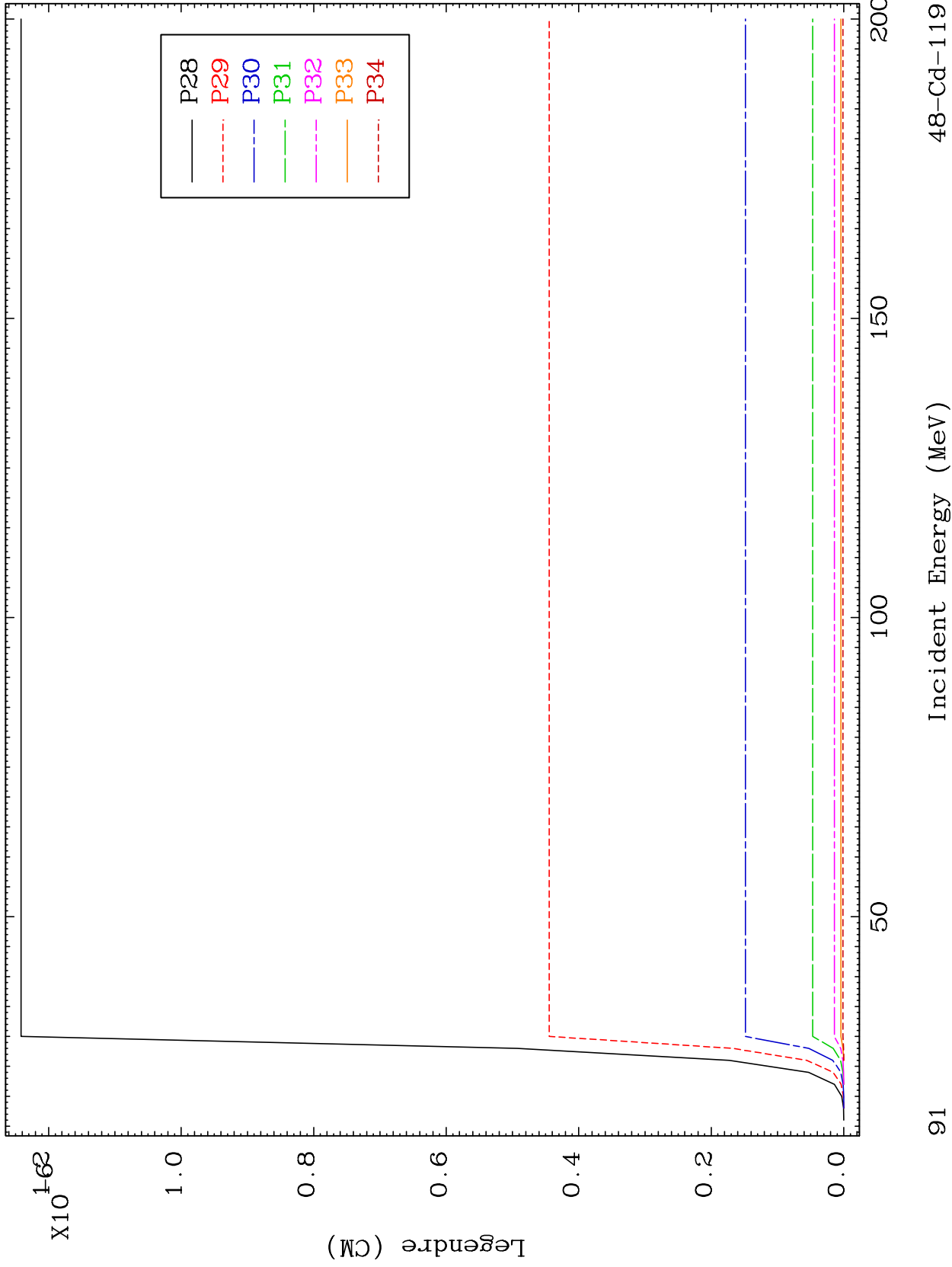
48-Cd-119



MAT 4864

1.279 MeV (n,n') Level  
Legendre Coefficients

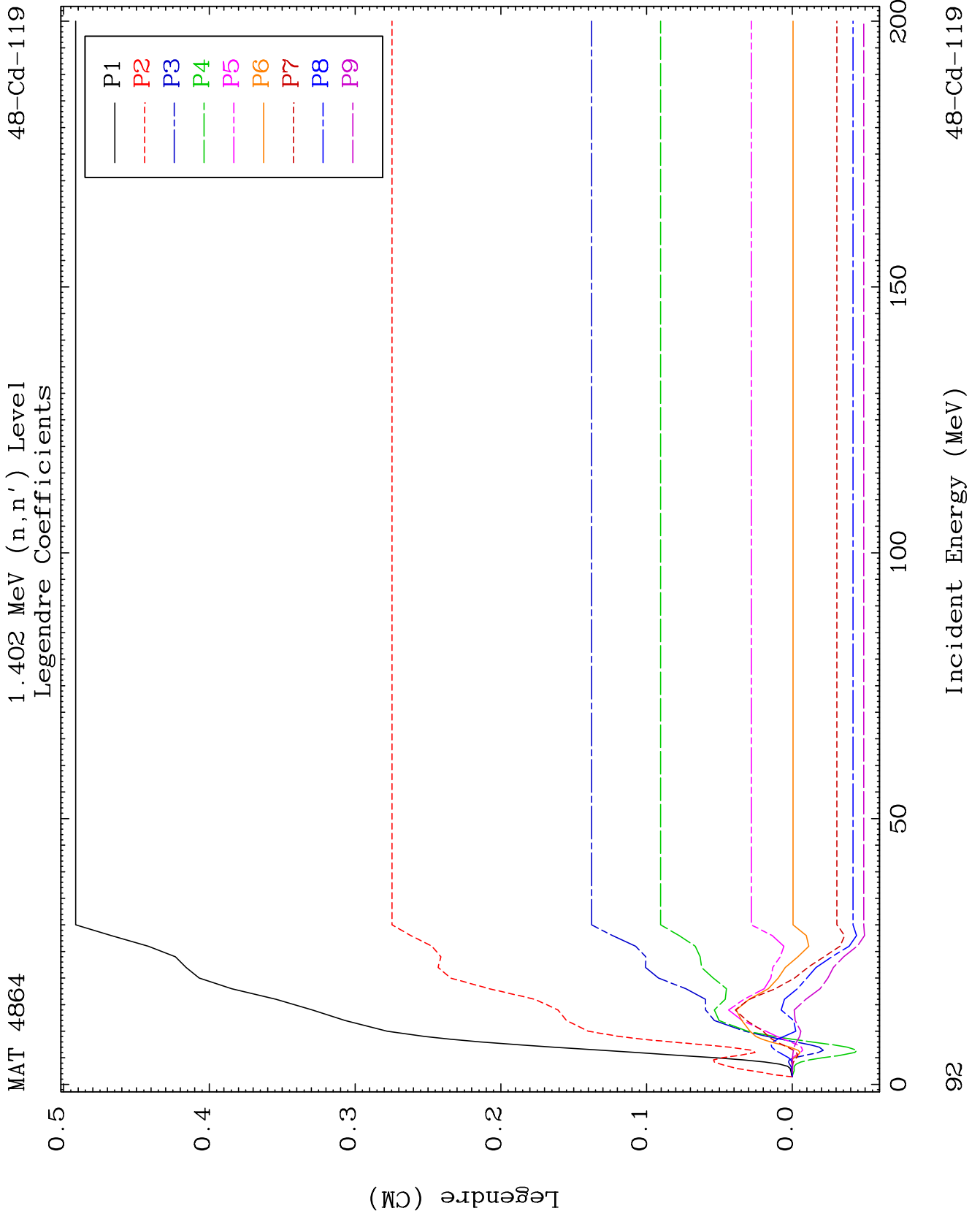
48-Cd-119



91

Incident Energy (MeV)

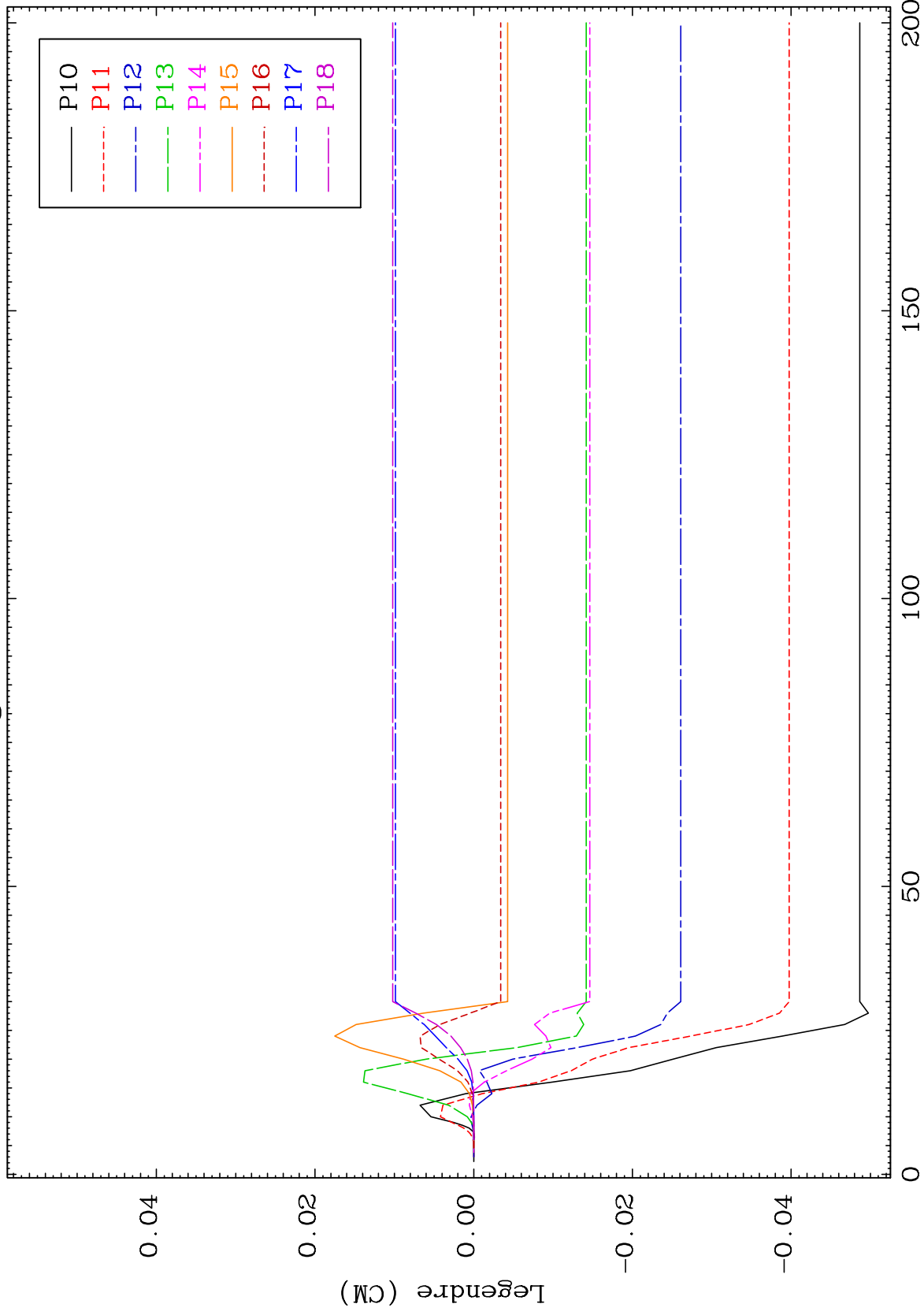
48-Cd-119



MAT 4864

1.402 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



93

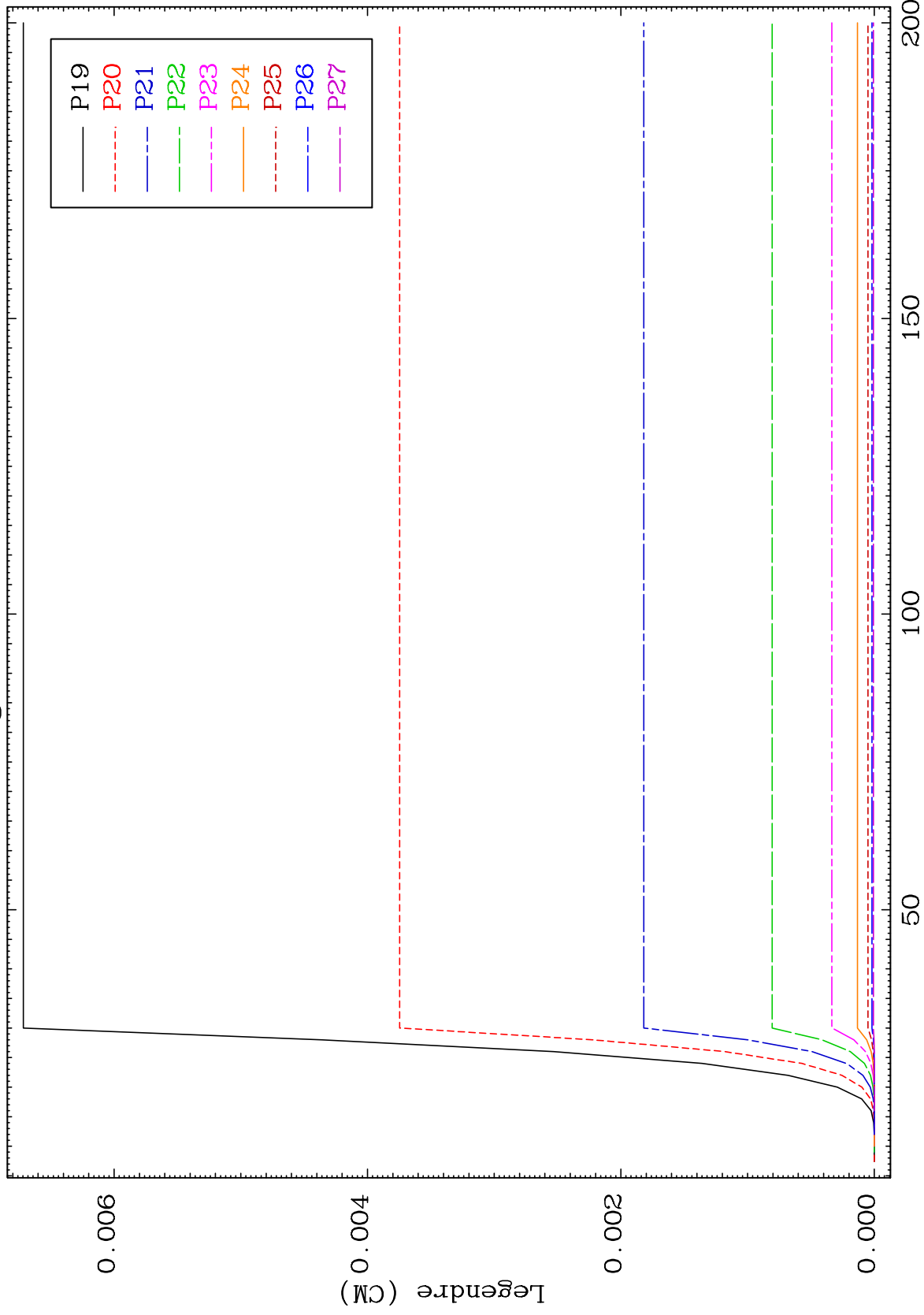
Incident Energy (MeV)

48-Cd-119

MAT 4864

1.402 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



94

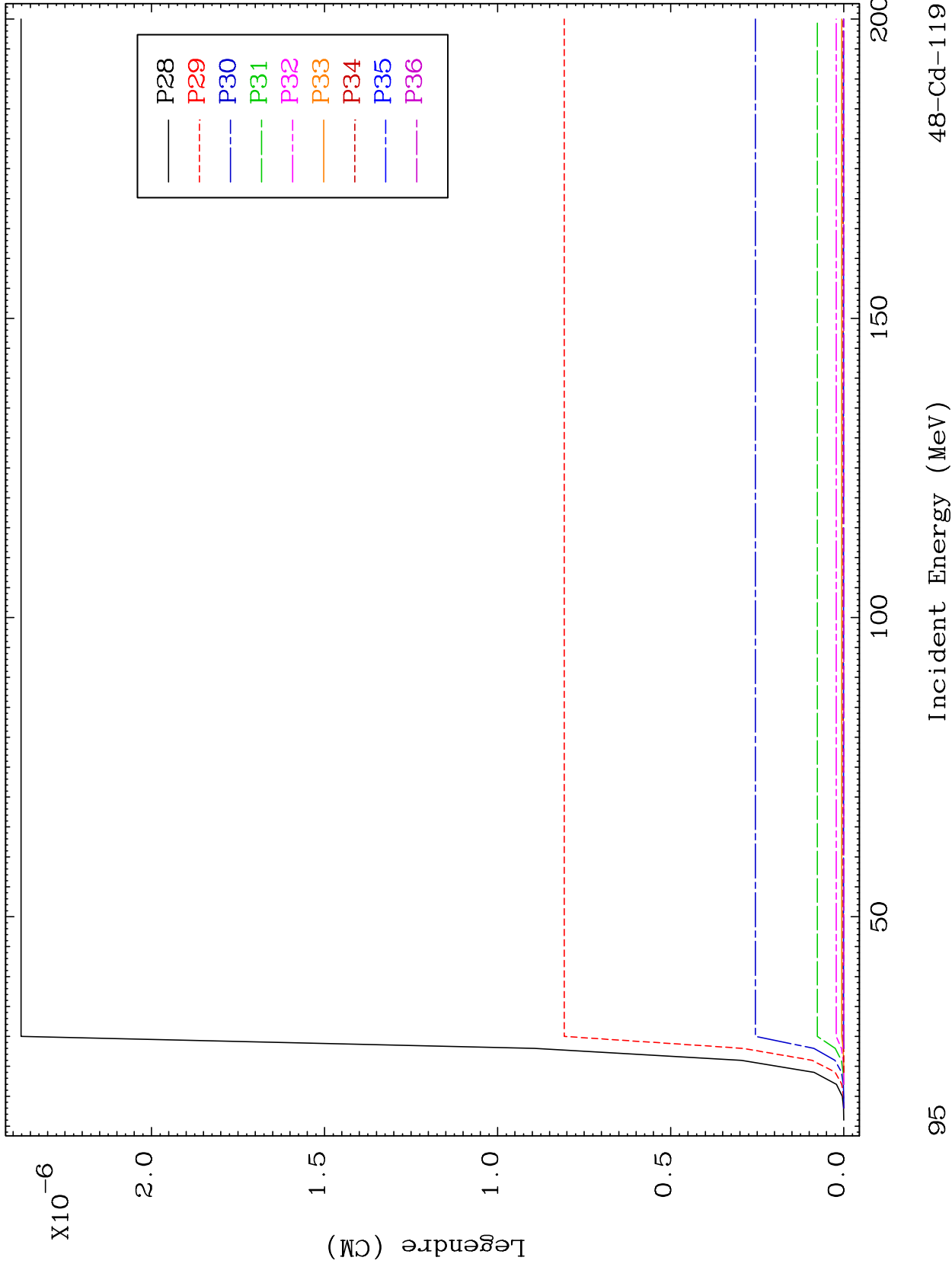
Incident Energy (MeV)

48-Cd-119

MAT 4864

1.402 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



95

Incident Energy (MeV)

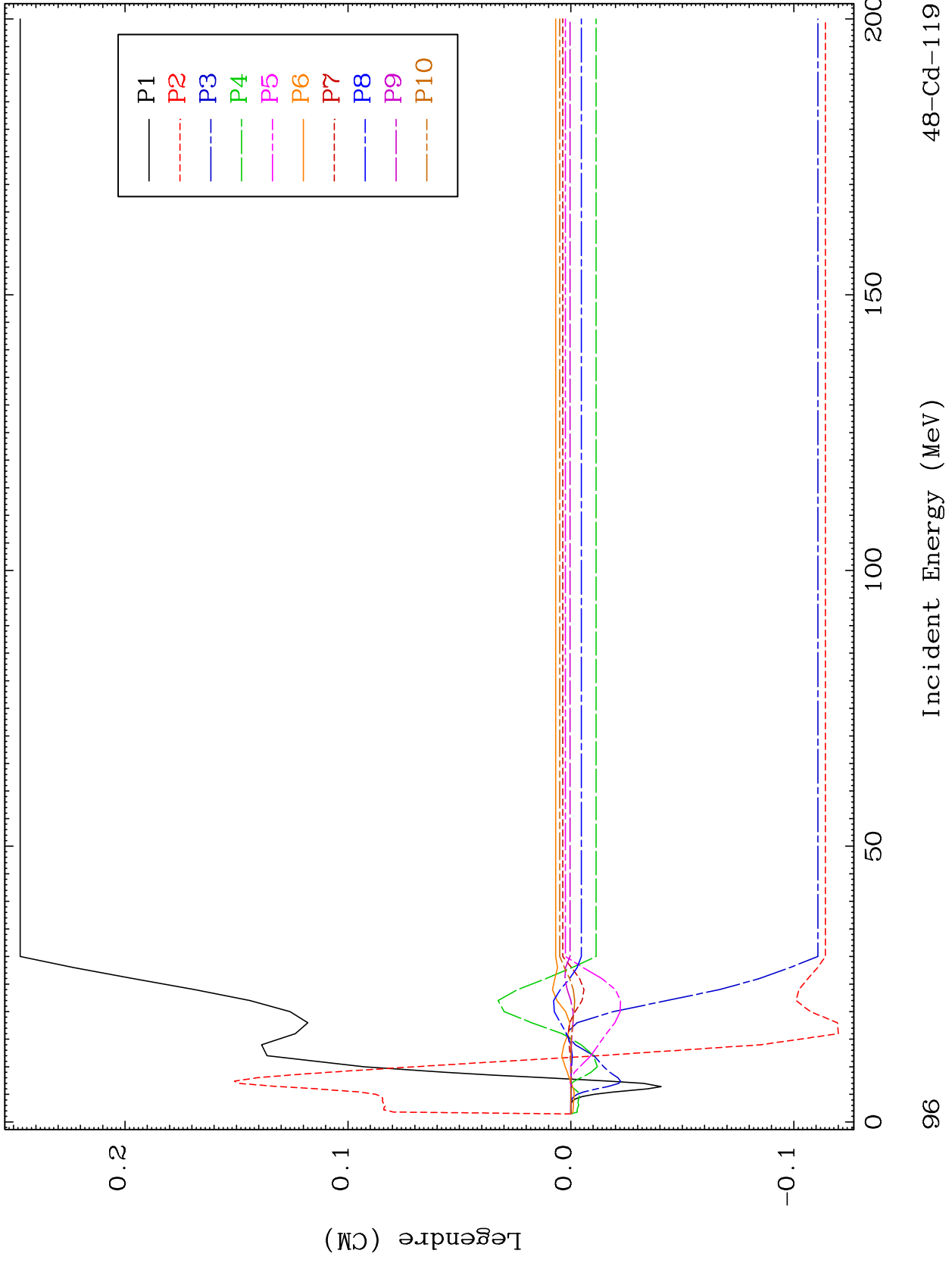
48-Cd-119



MAT 4864

1.432 MeV (n,n') Level  
Legendre Coefficients

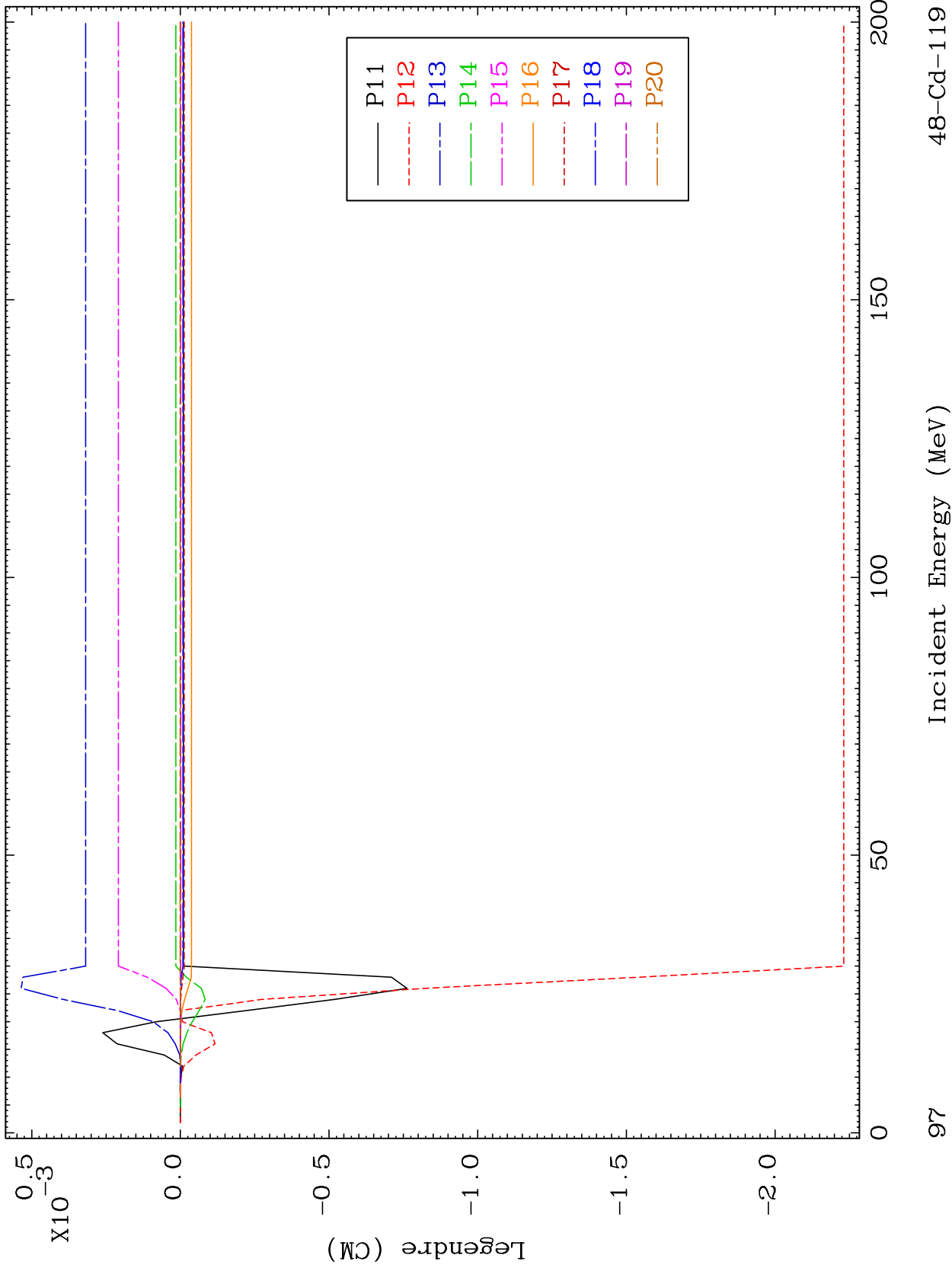
48-Cd-119



MAT 4864

1.432 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



97

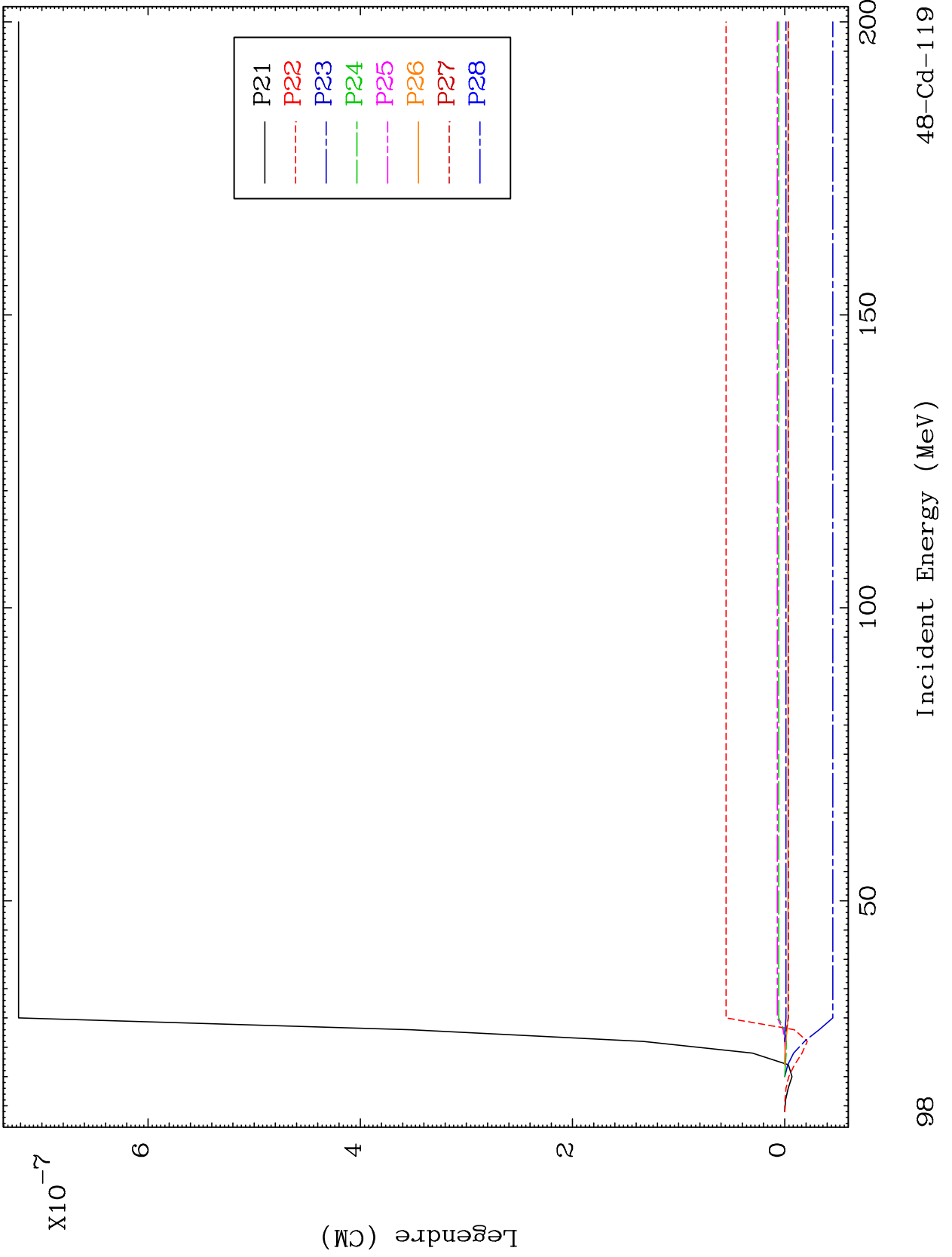
Incident Energy (MeV)

48-Cd-119

MAT 4864

1.432 MeV (n,n') Level  
Legendre Coefficients

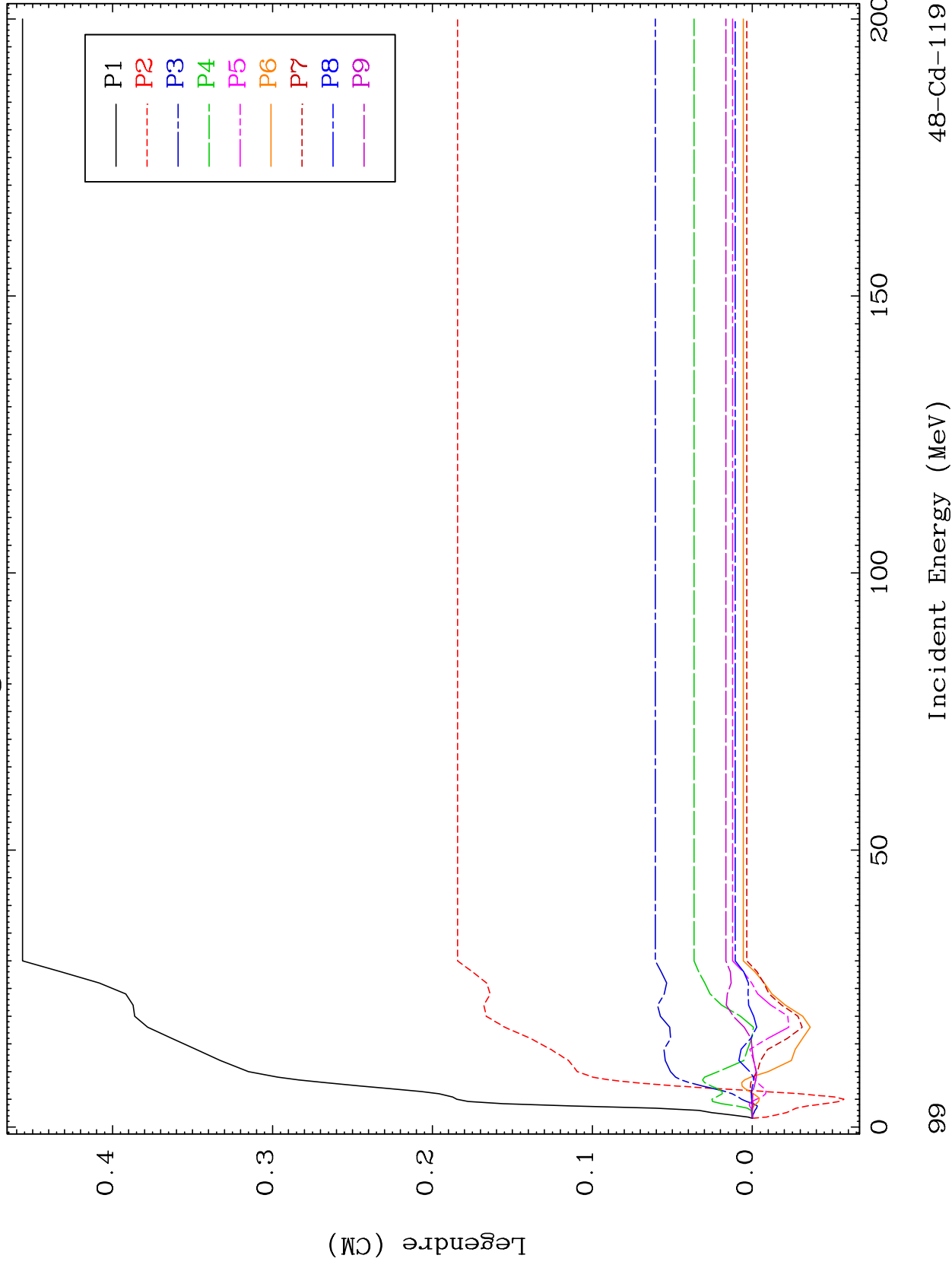
48-Cd-119



MAT 4864

1.539 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



48-Cd-119

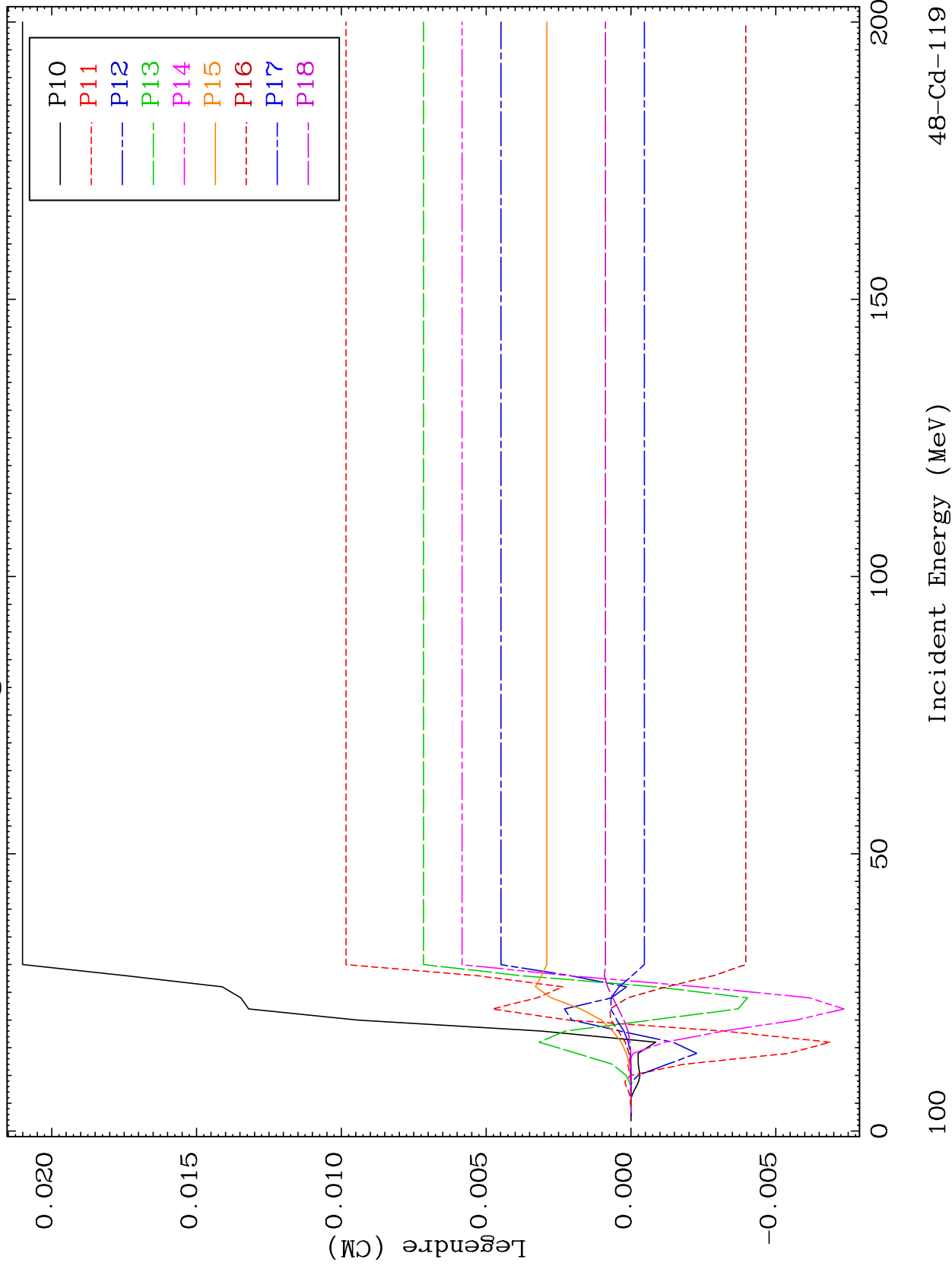
Incident Energy (MeV)

99

MAT 4864

1.539 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119

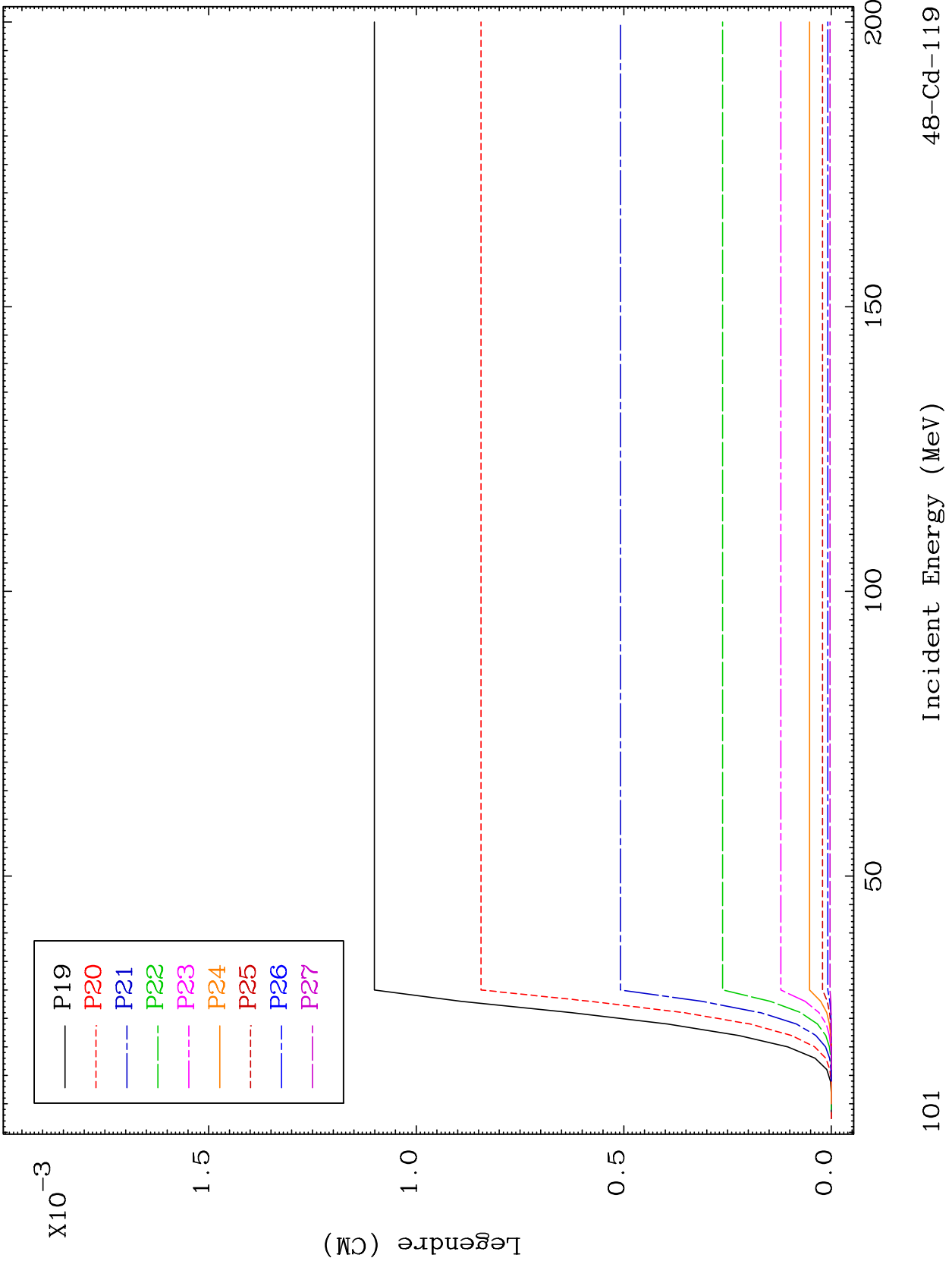


48-Cd-119

MAT 4864

1.539 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119

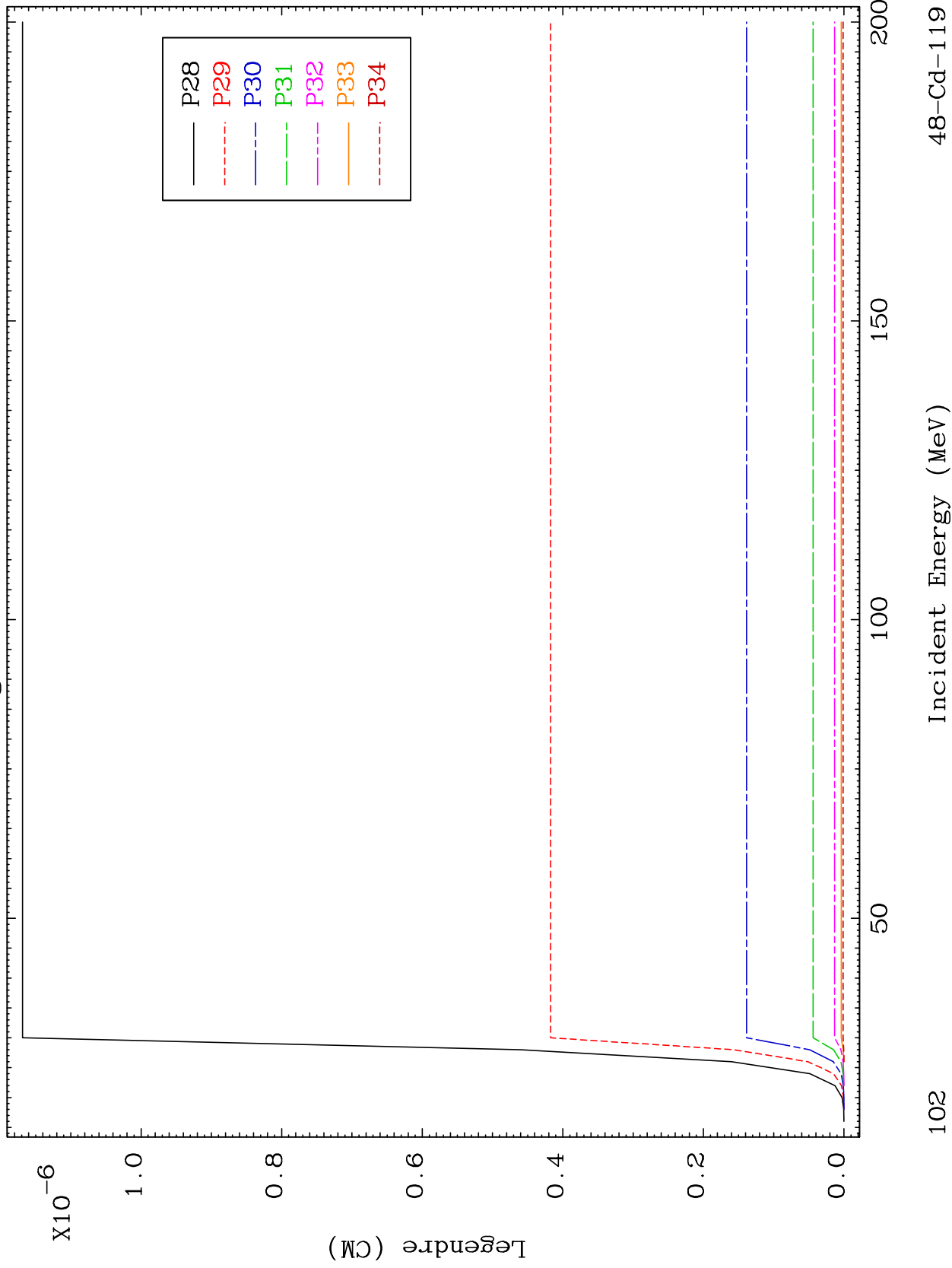


101

MAT 4864

1.539 MeV (n,n') Level  
Legendre Coefficients

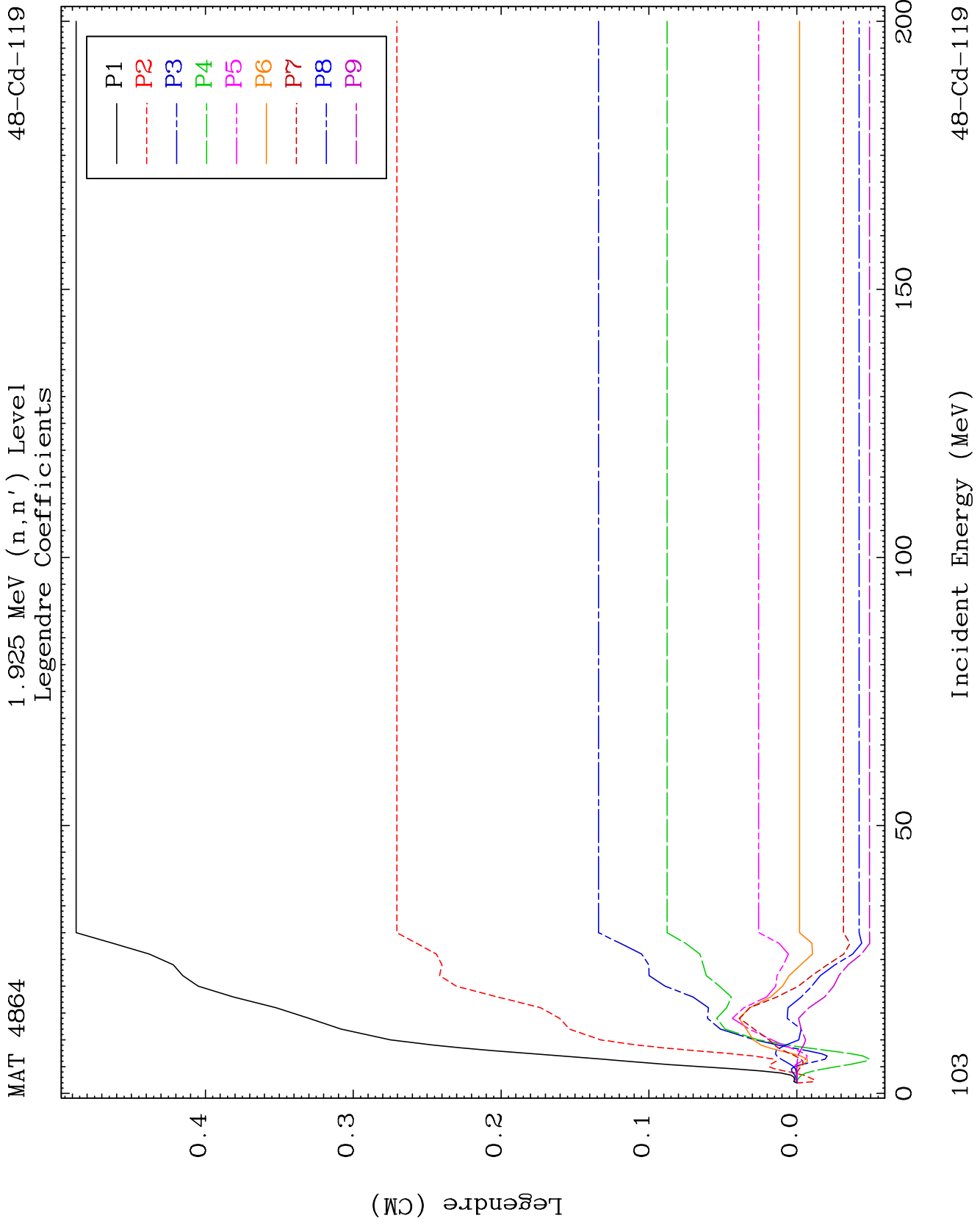
48-Cd-119



102

Incident Energy (MeV)

48-Cd-119

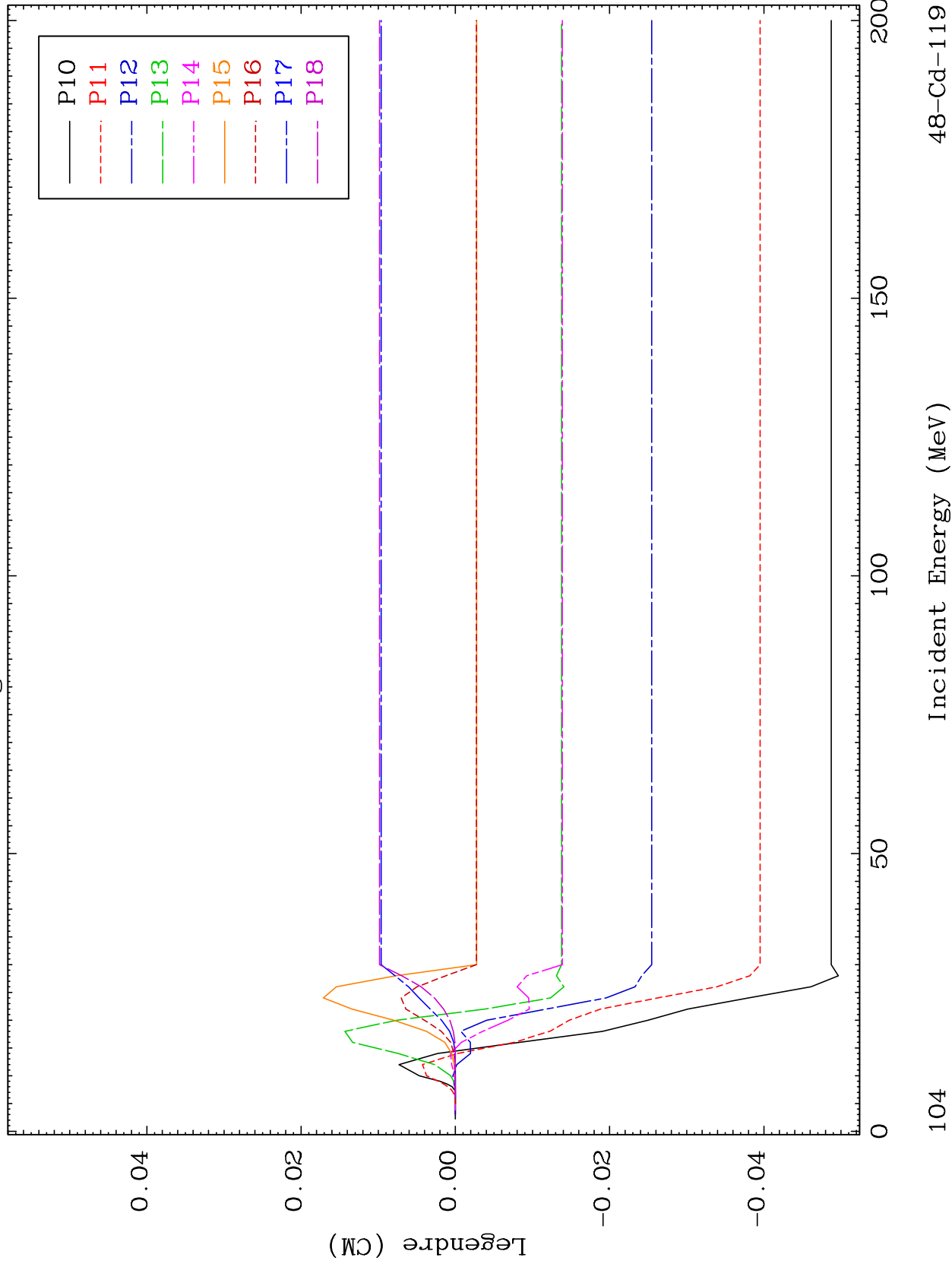




MAT 4864

1.925 MeV (n,n') Level  
Legendre Coefficients

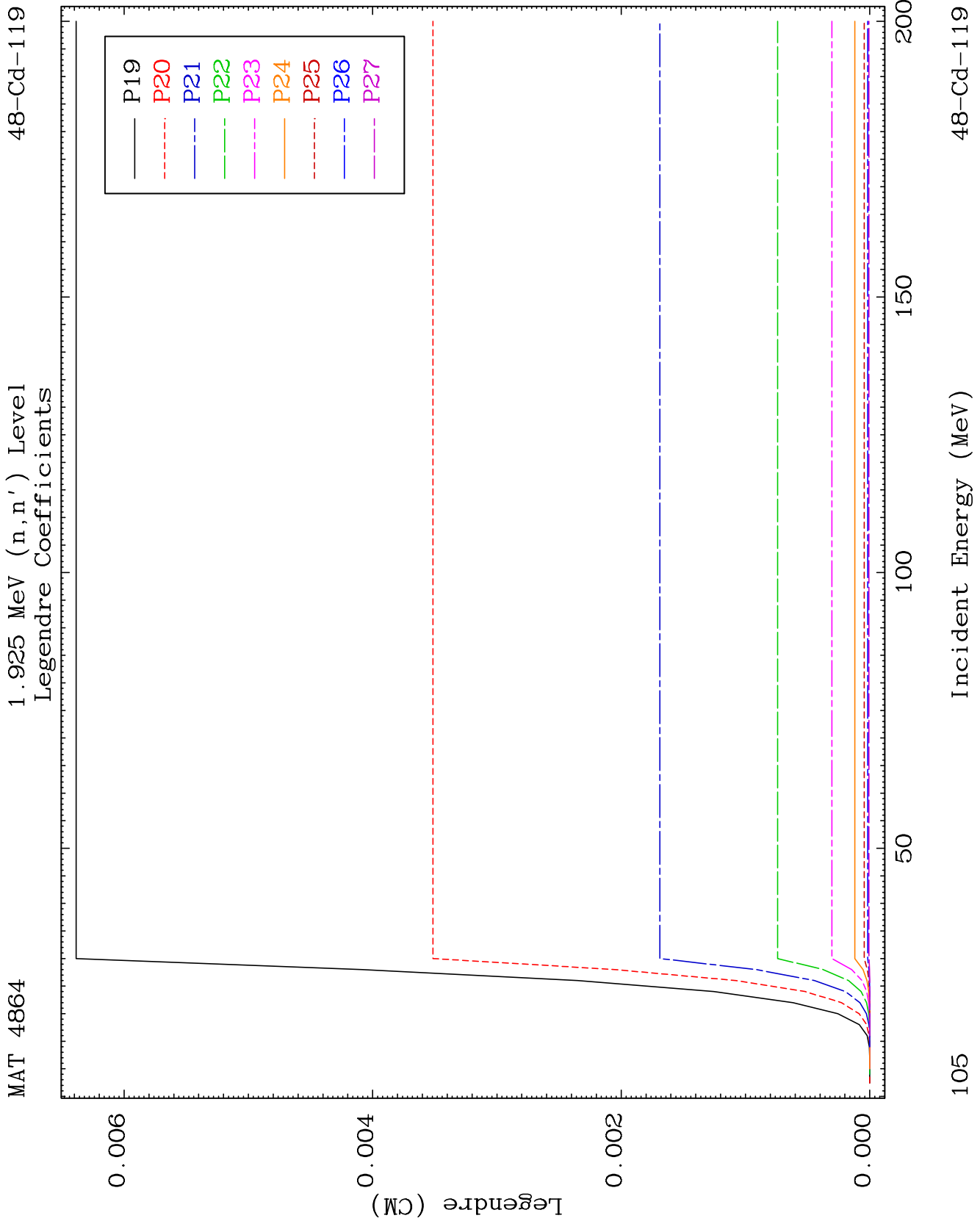
48-Cd-119

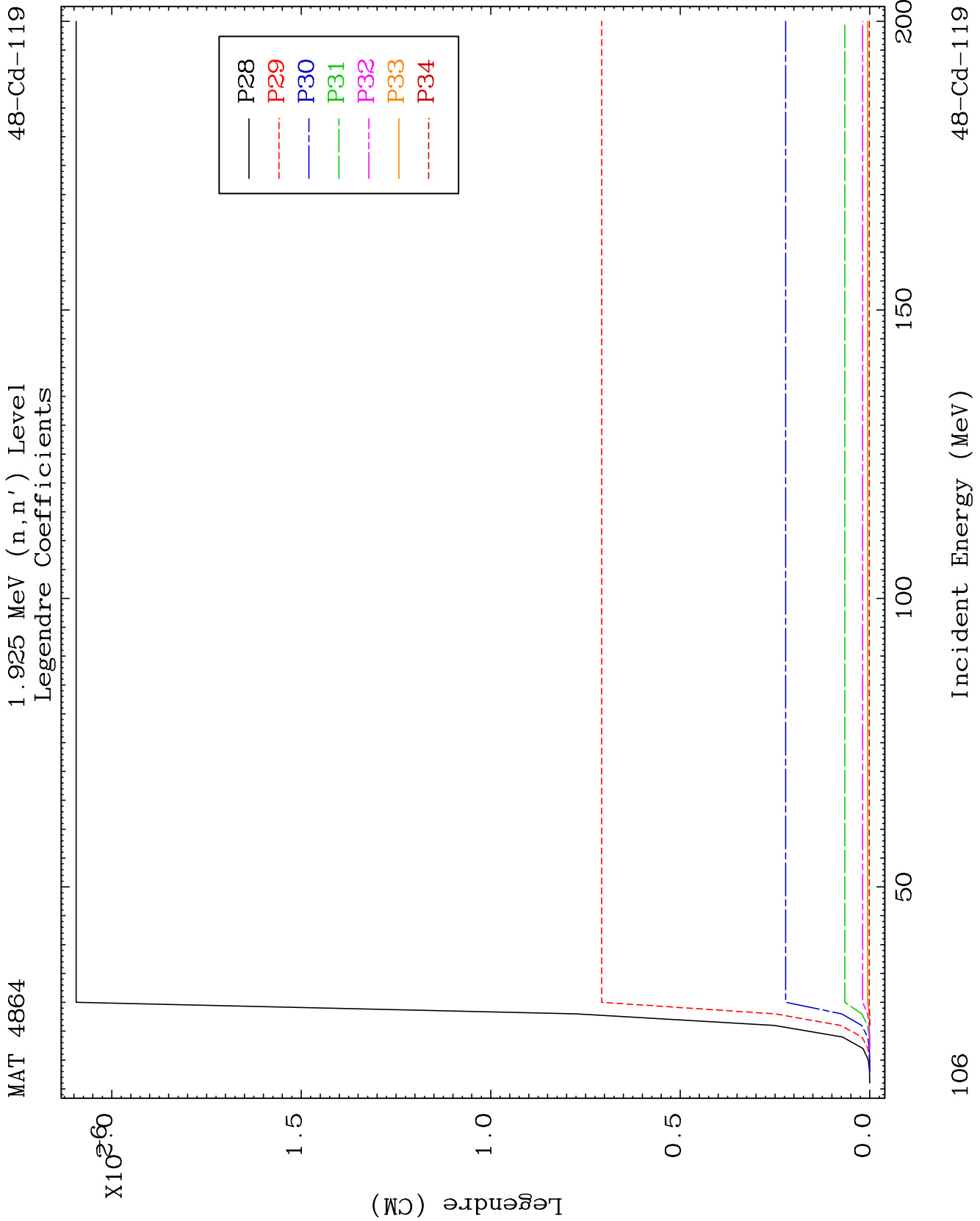


104

Incident Energy (MeV)

48-Cd-119

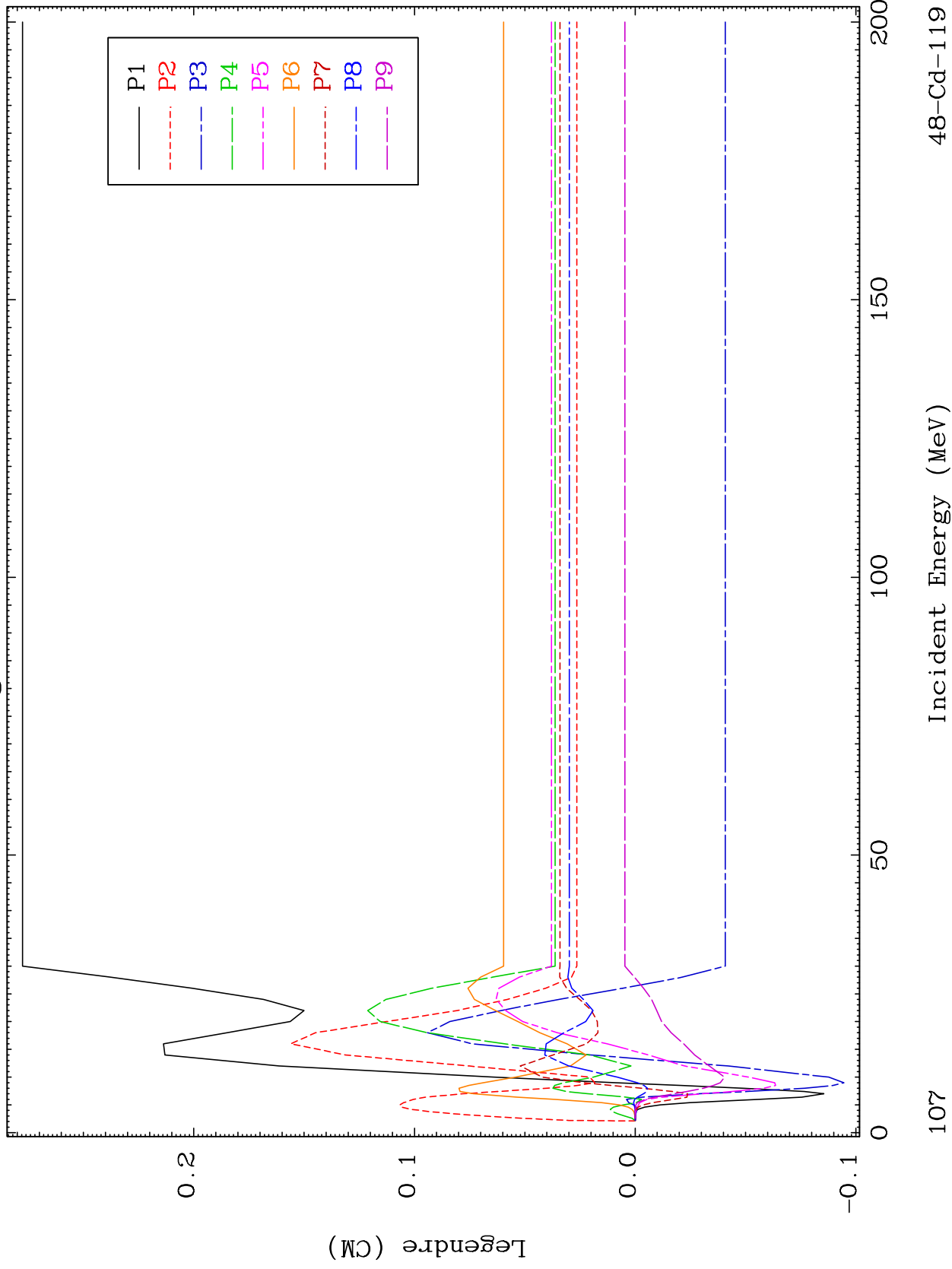


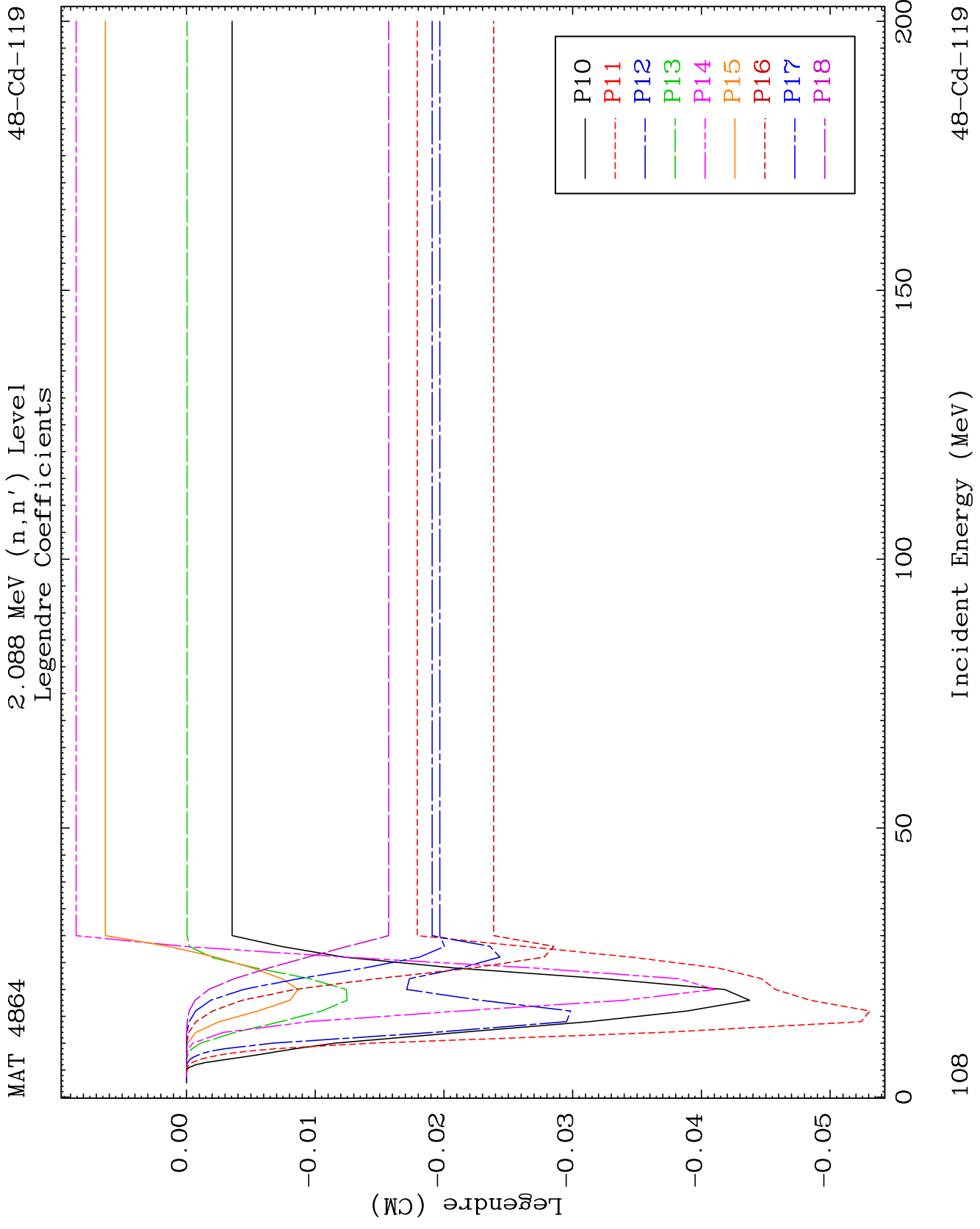


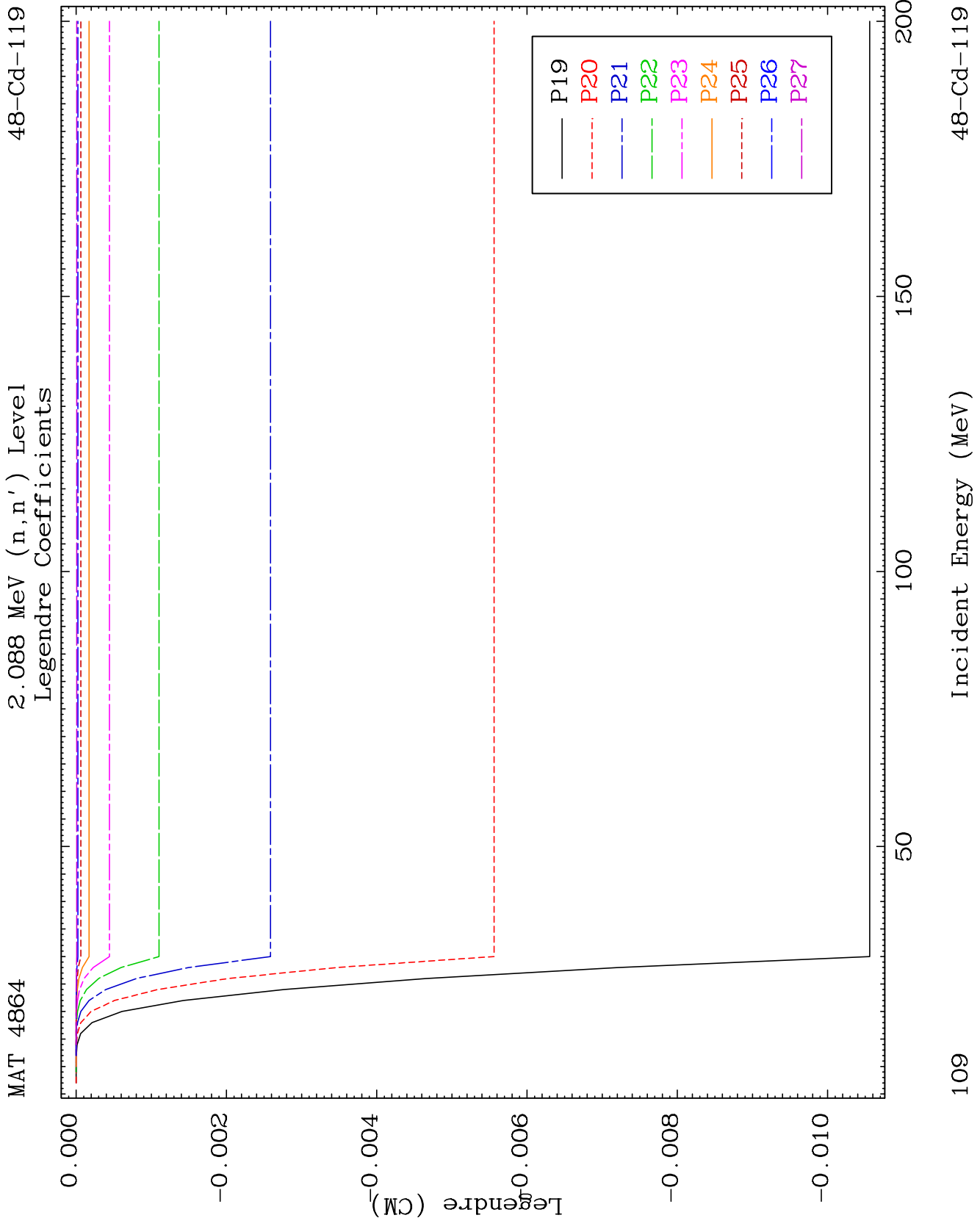
MAT 4864

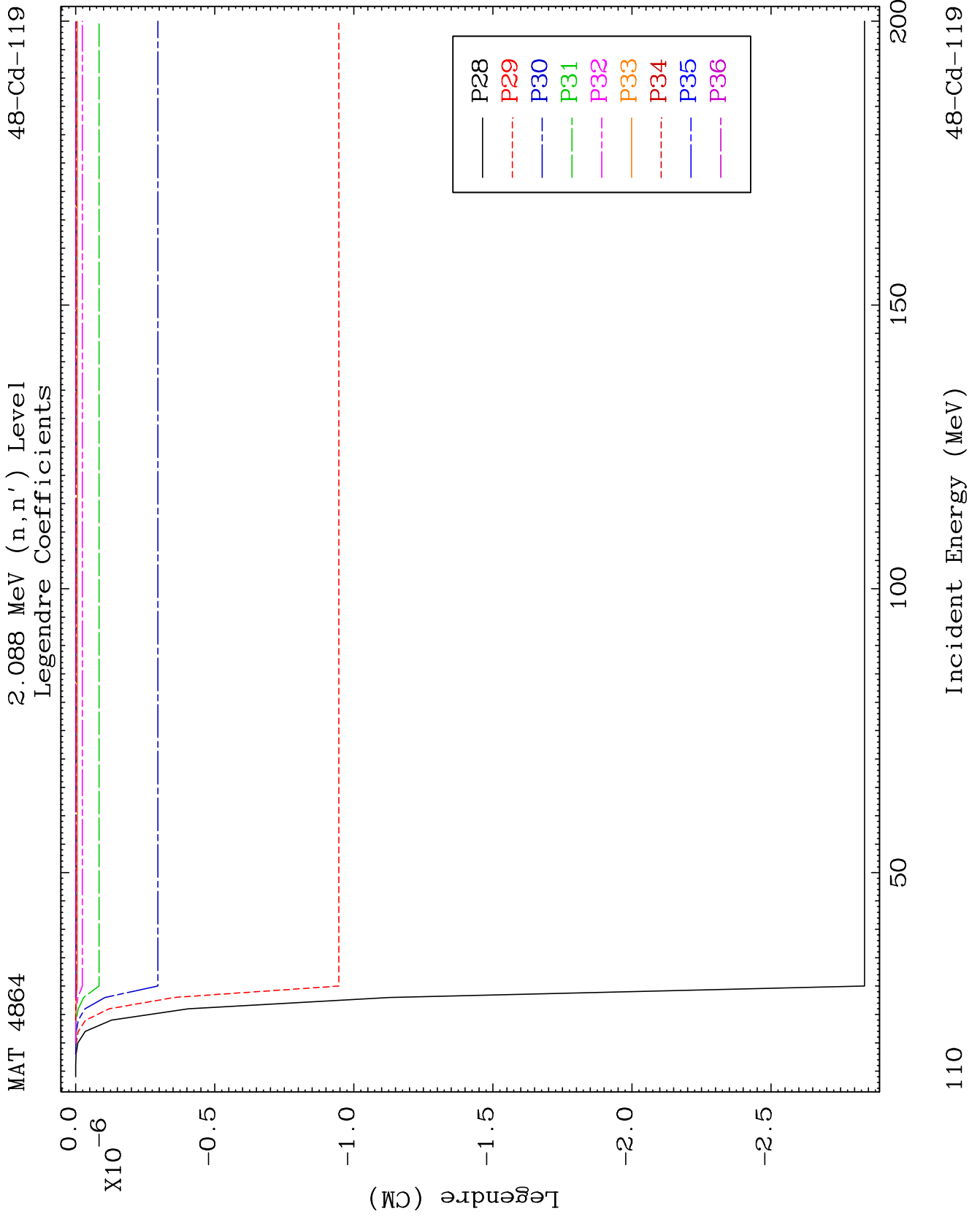
2.088 MeV (n, n') Level  
Legendre Coefficients

48-Cd-119





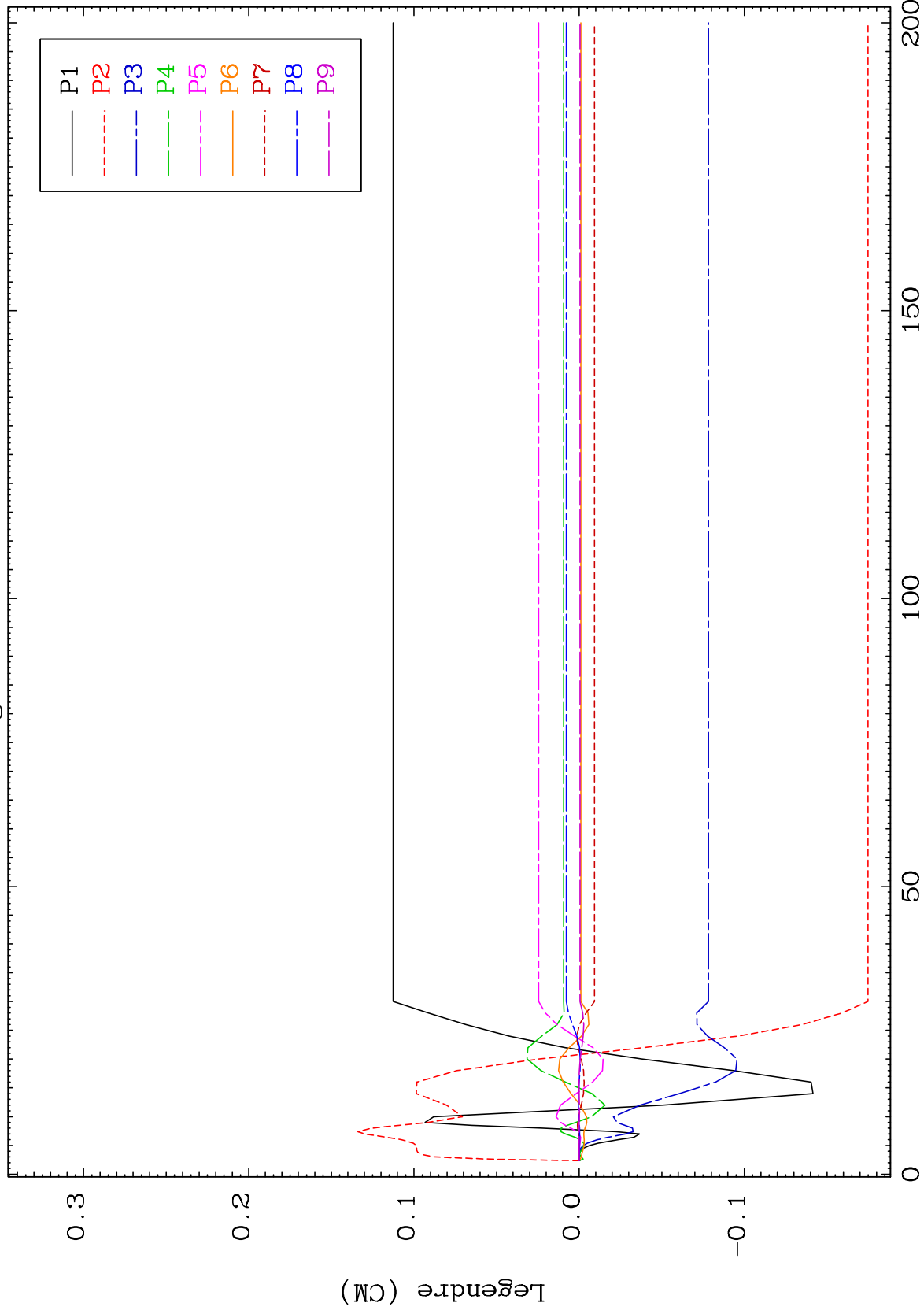




MAT 4864

2.327 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



111

Incident Energy (MeV)

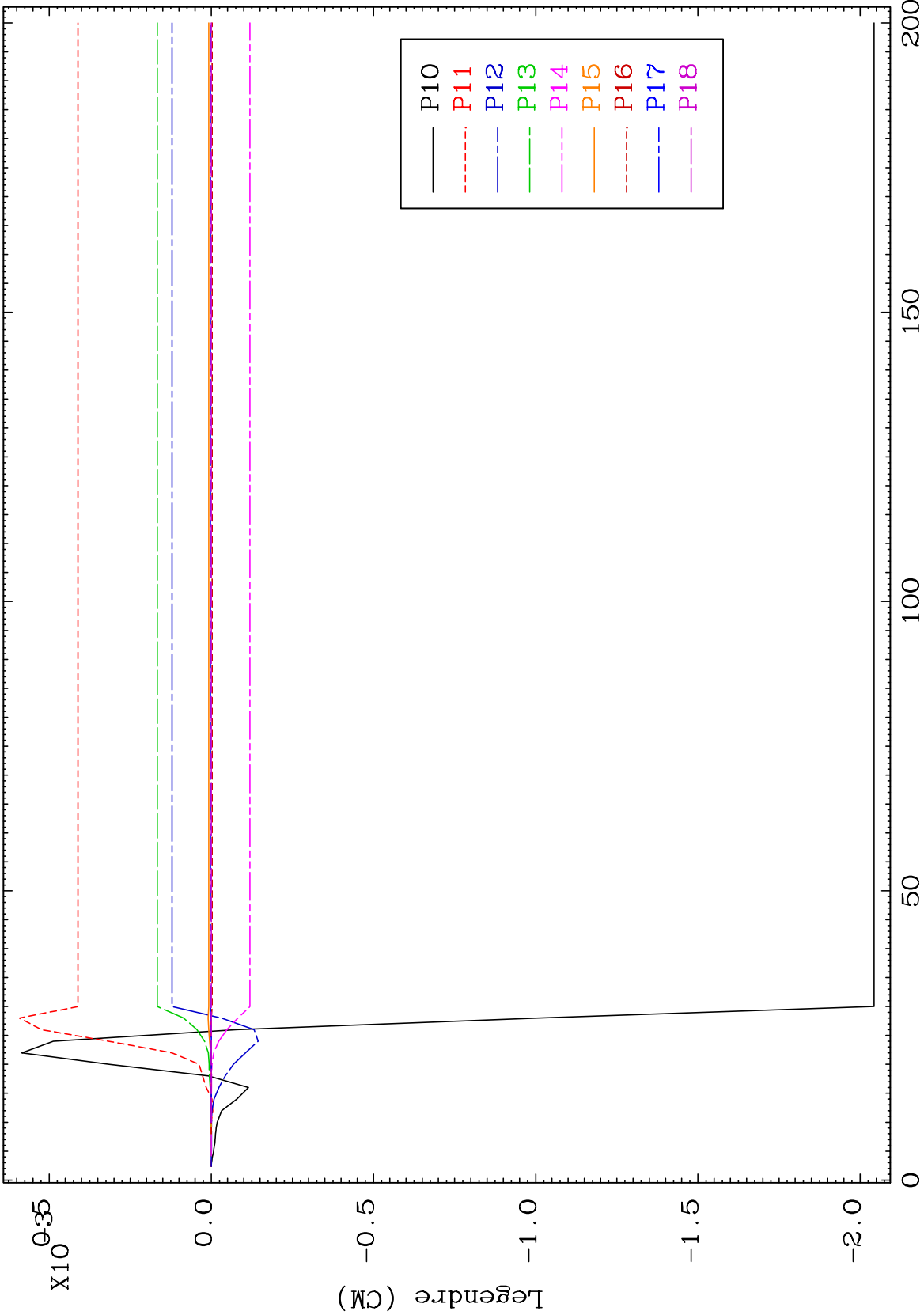
48-Cd-119



MAT 4864

2.327 MeV (n,n') Level  
Legendre Coefficients

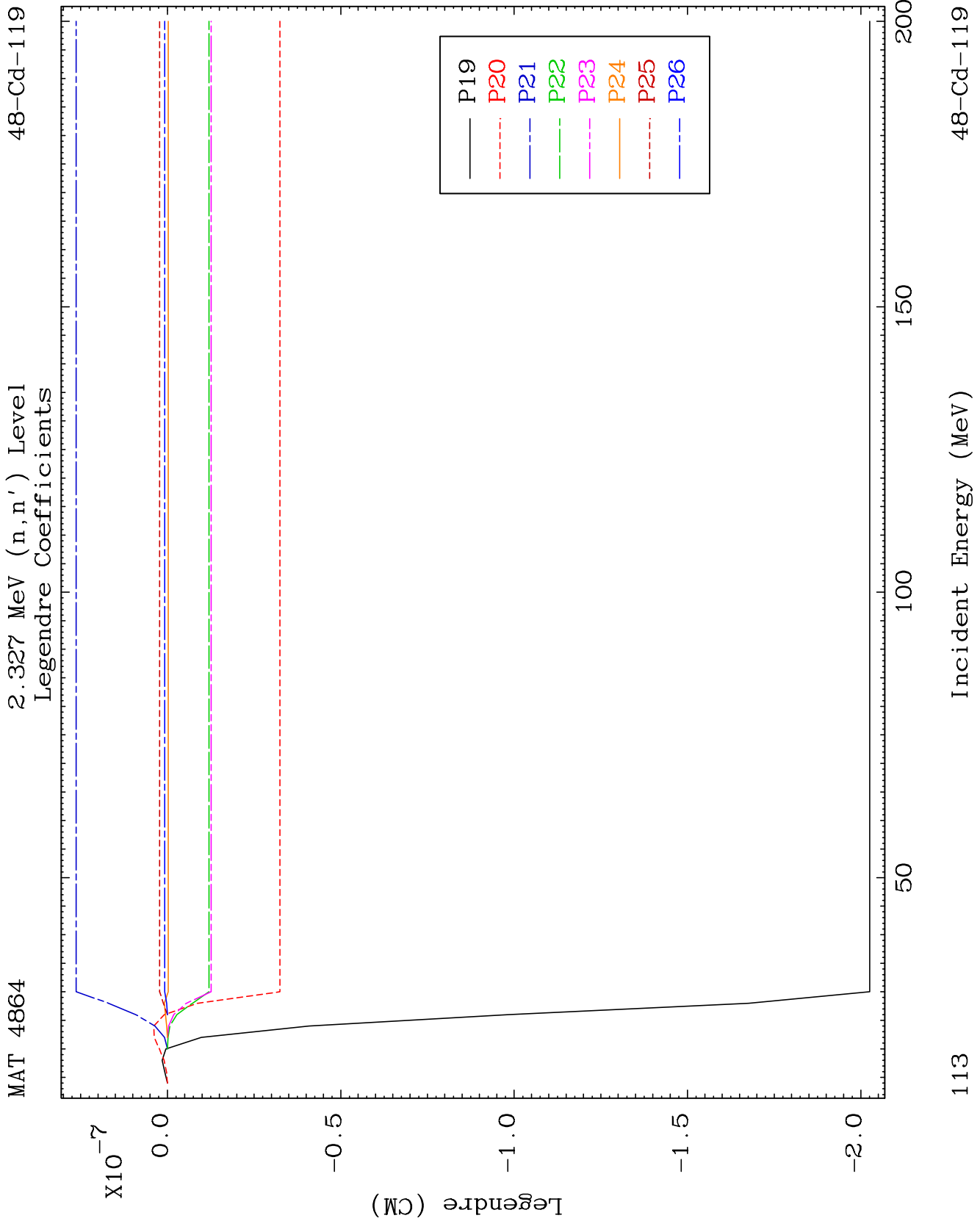
48-Cd-119



112

Incident Energy (MeV)

48-Cd-119

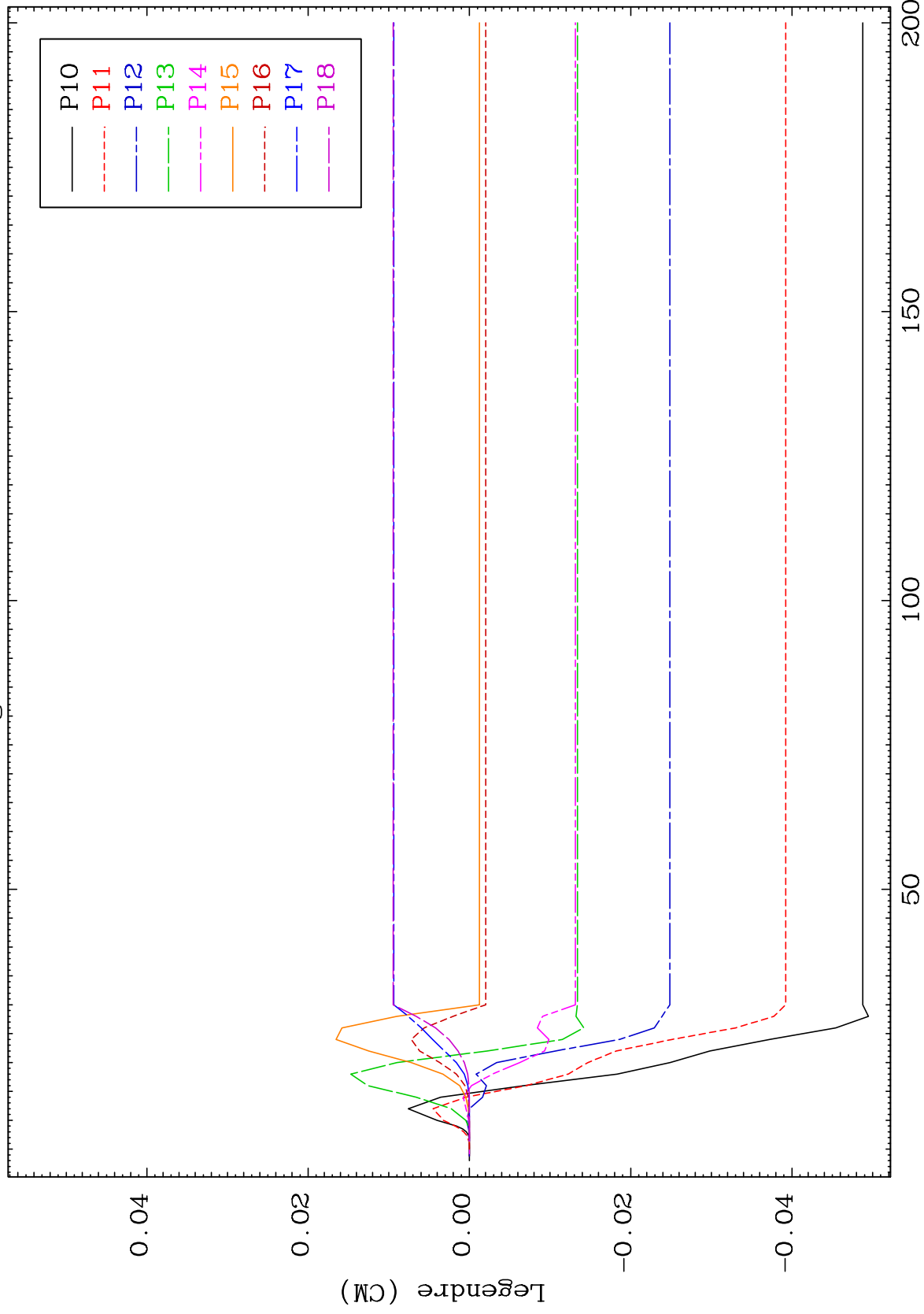




MAT 4864

2.424 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



115

Incident Energy (MeV)

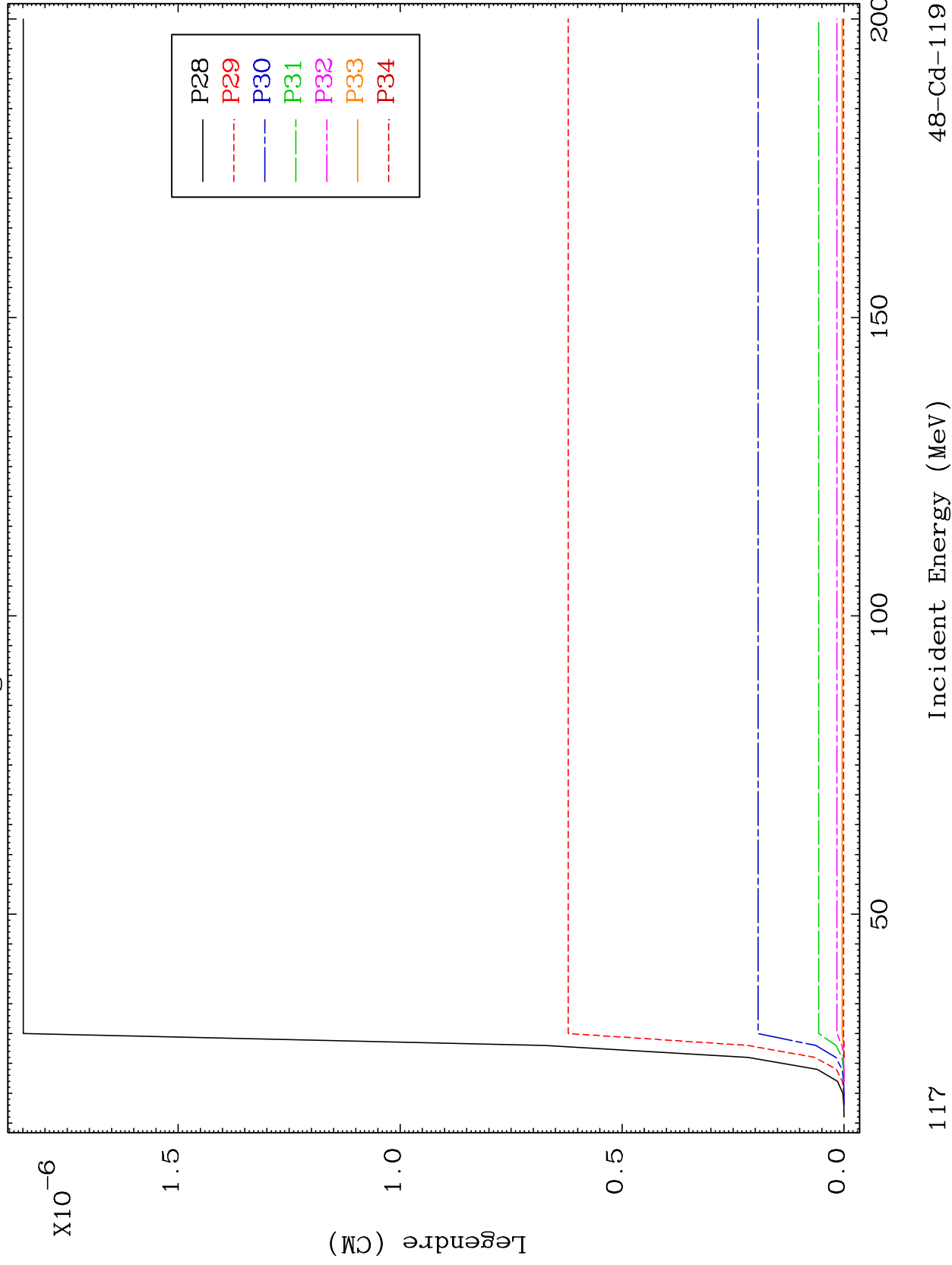
48-Cd-119



MAT 4864

2.424 MeV (n,n') Level  
Legendre Coefficients

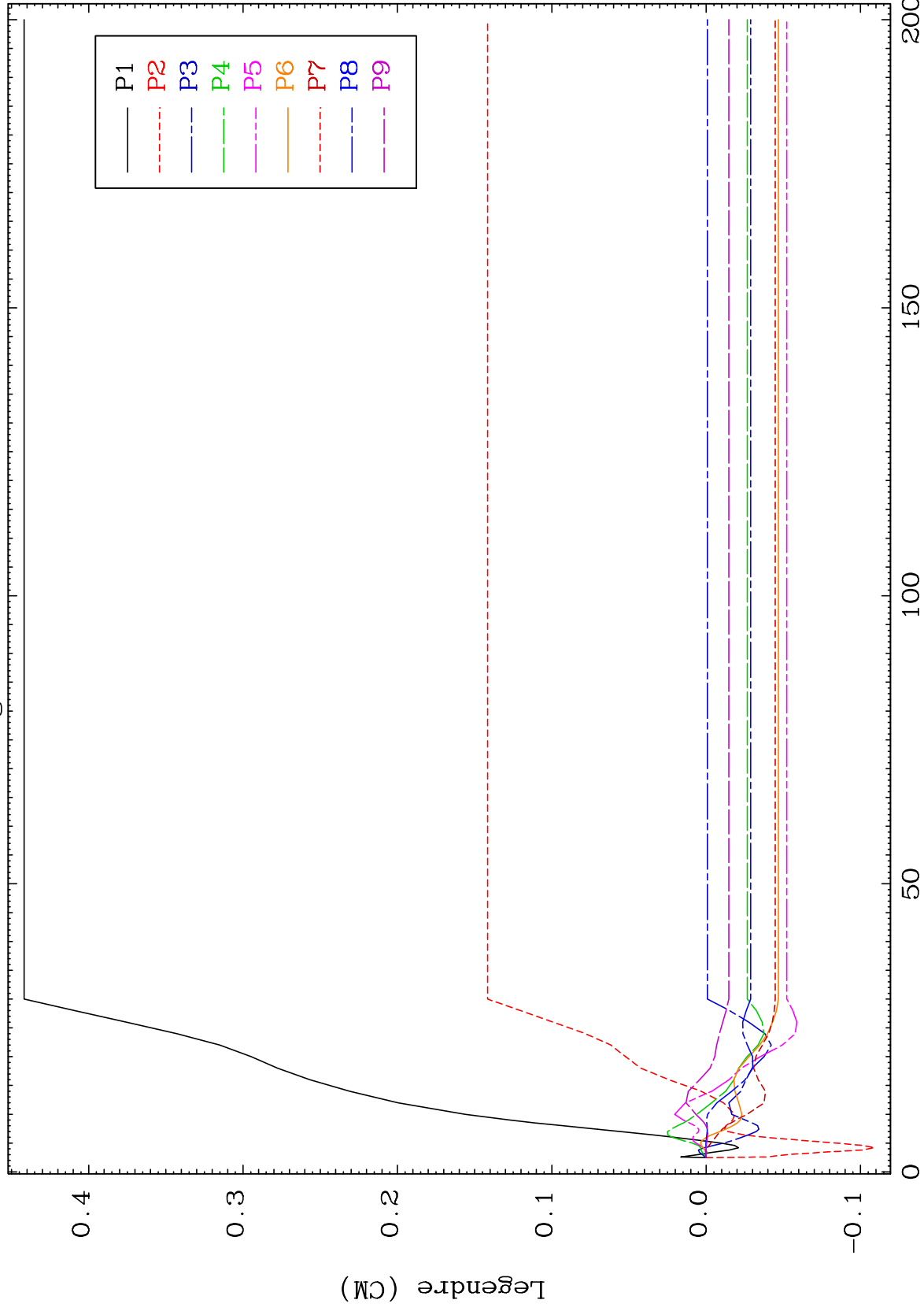
48-Cd-119



MAT 4864

2.442 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



118

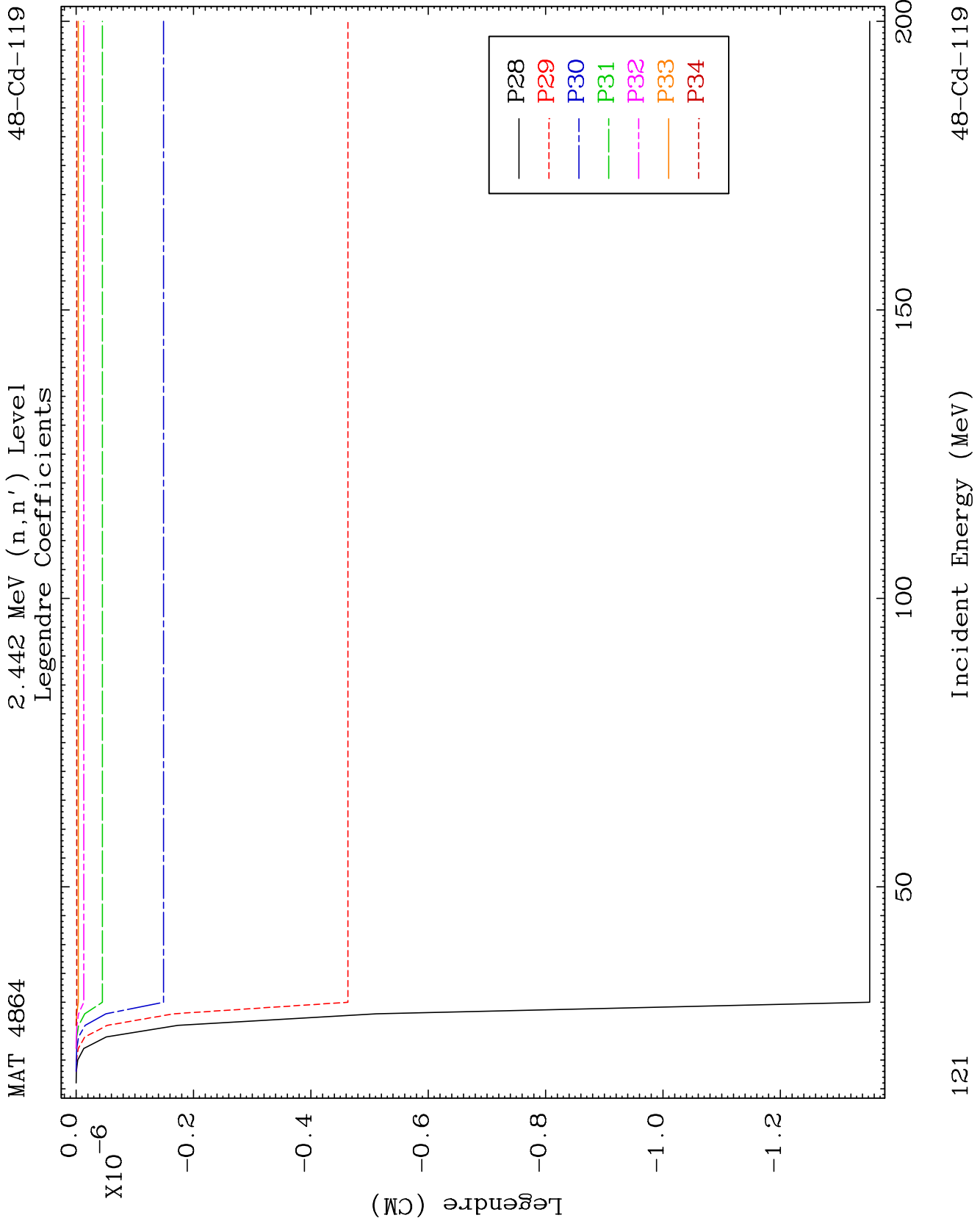
Incident Energy (MeV)

48-Cd-119





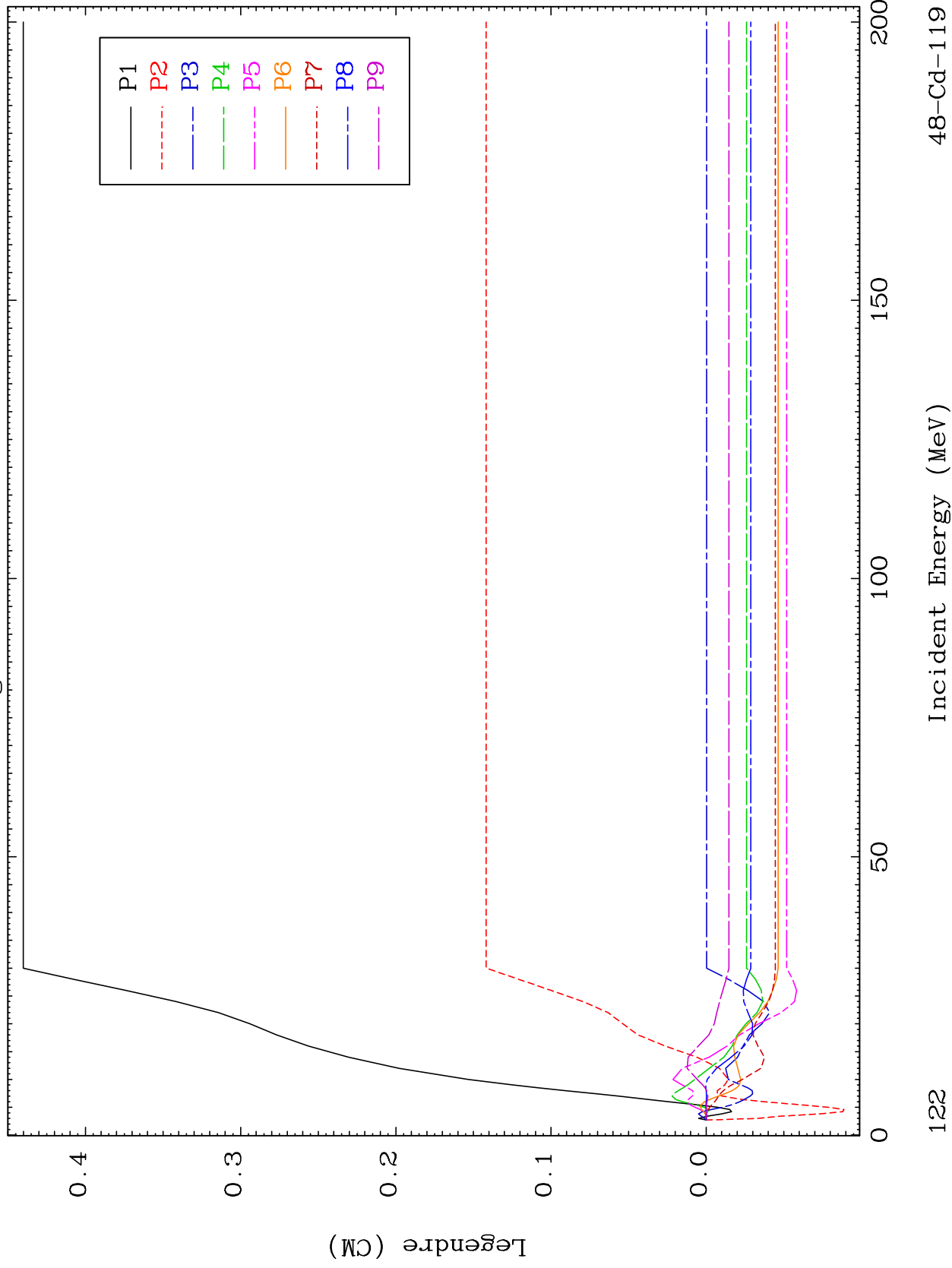




MAT 4864

2.677 MeV (n,n') Level  
Legendre Coefficients

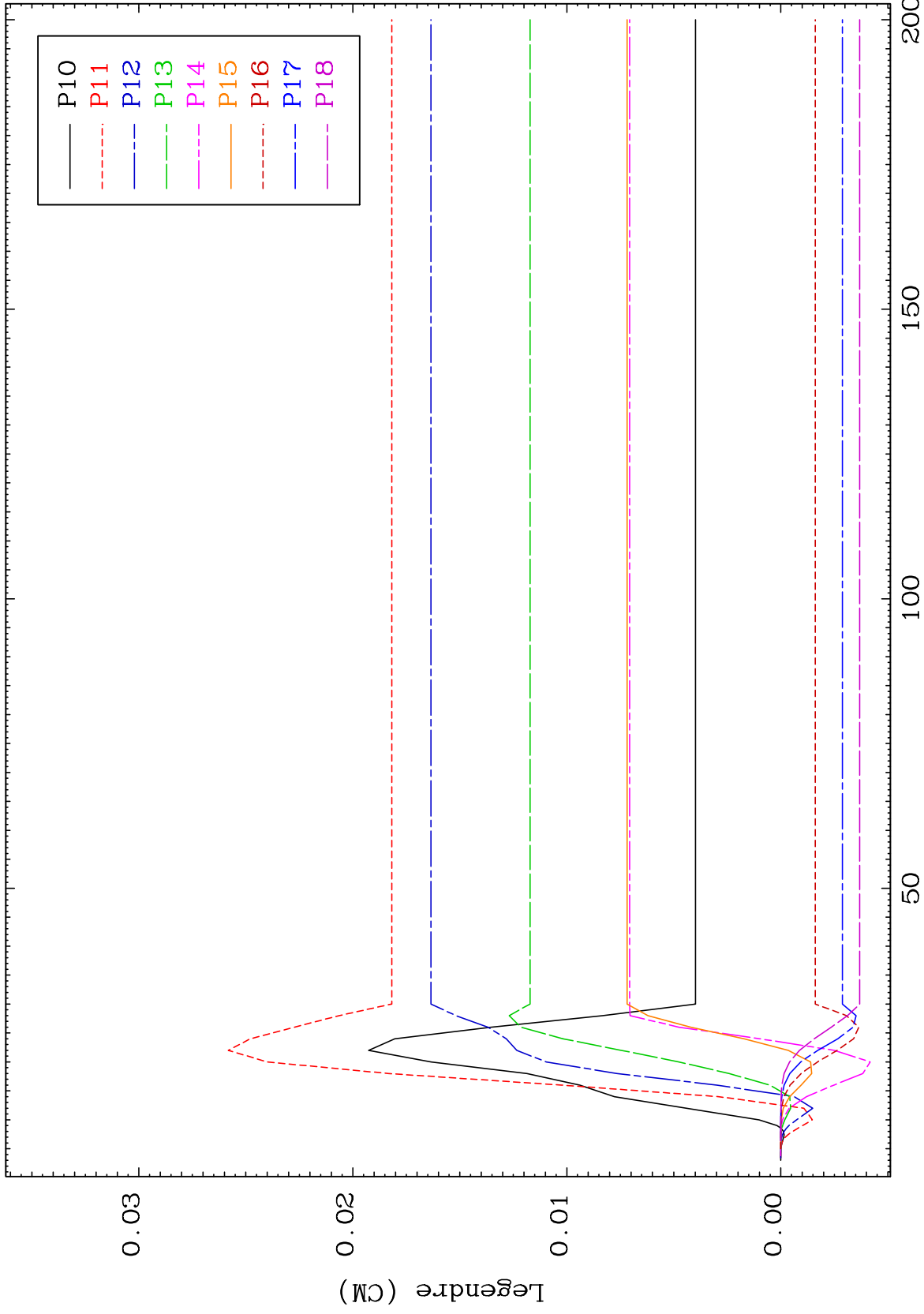
48-Cd-119



MAT 4864

2.677 MeV (n,n') Level  
Legendre Coefficients

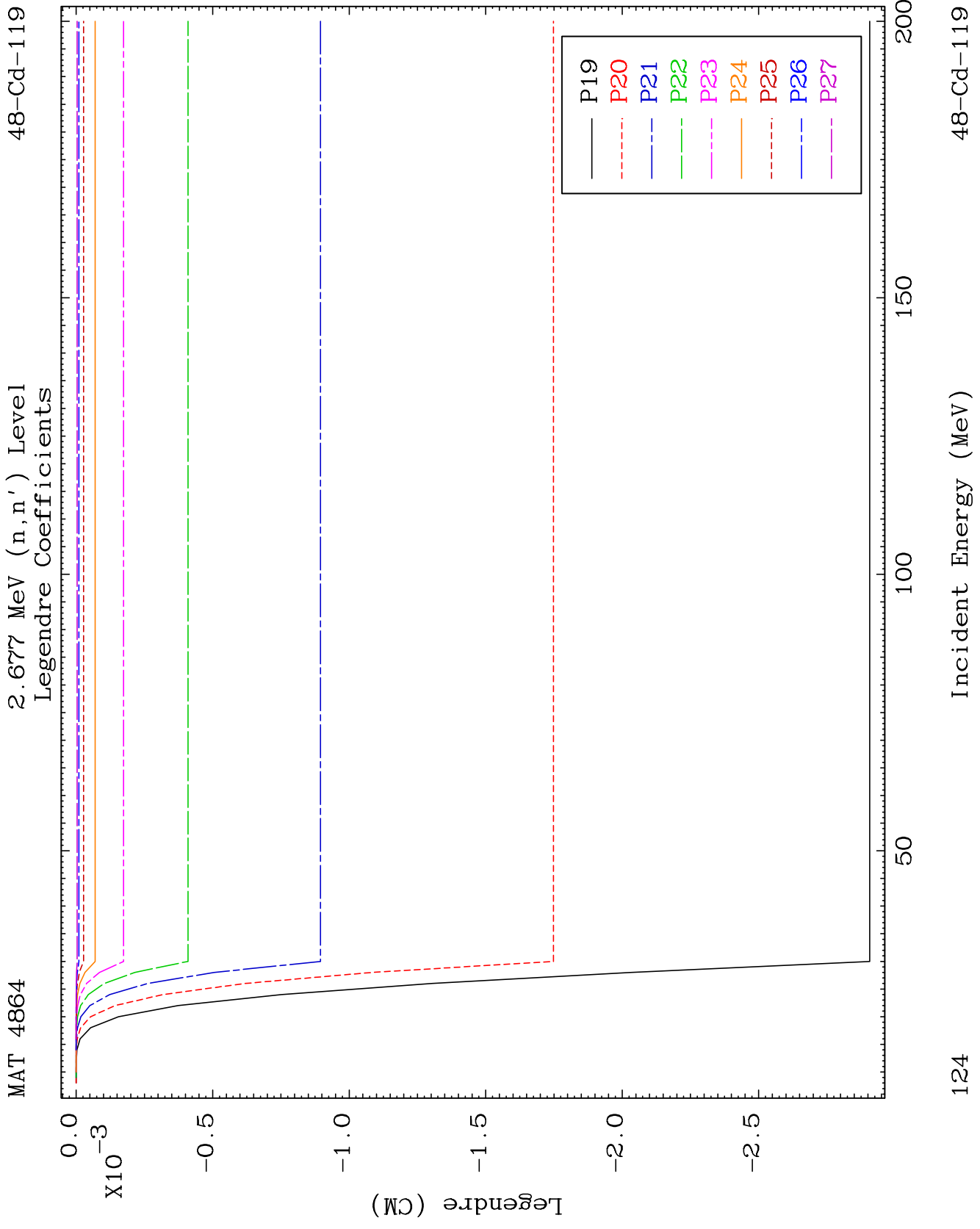
48-Cd-119

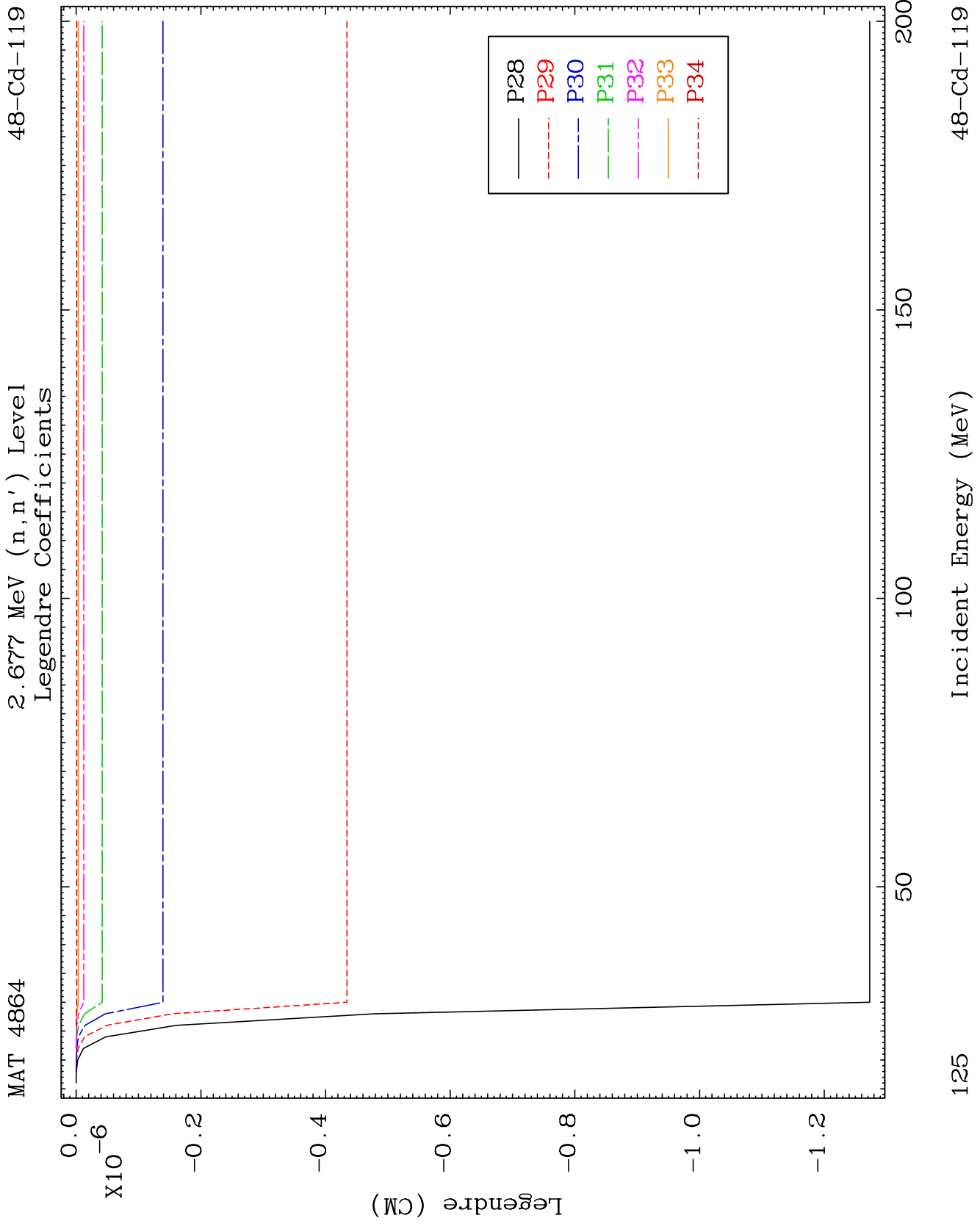


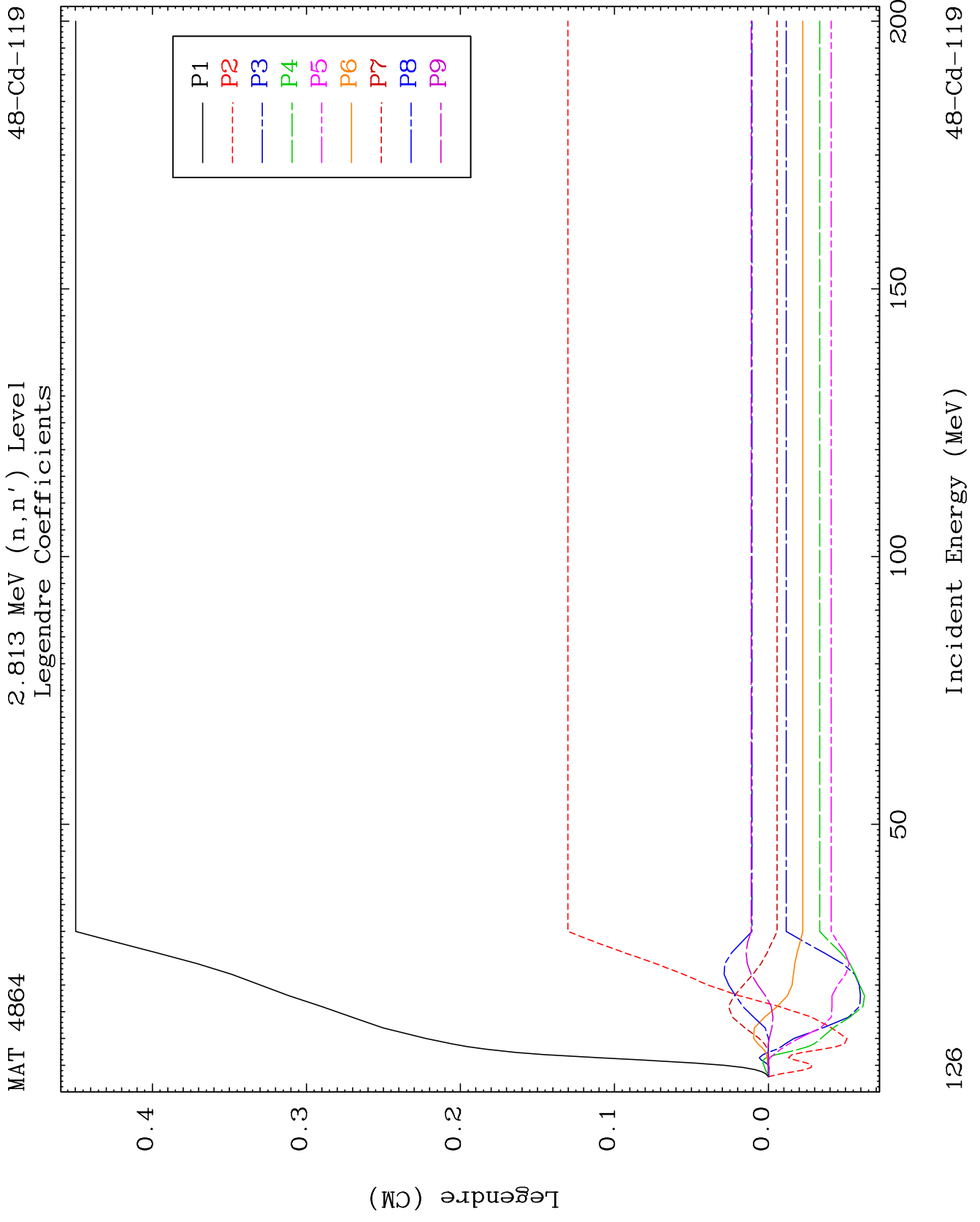
123

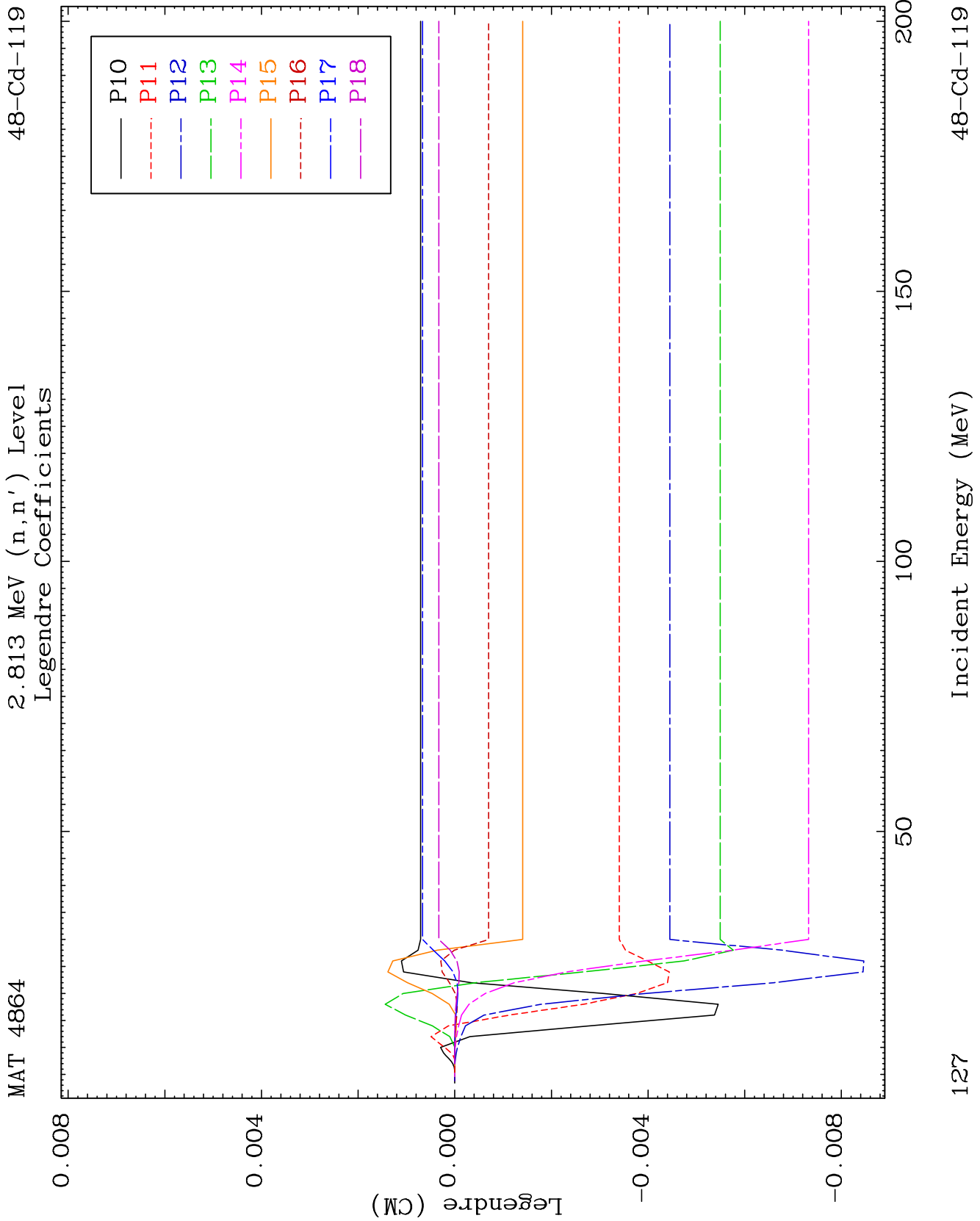
Incident Energy (MeV)

48-Cd-119







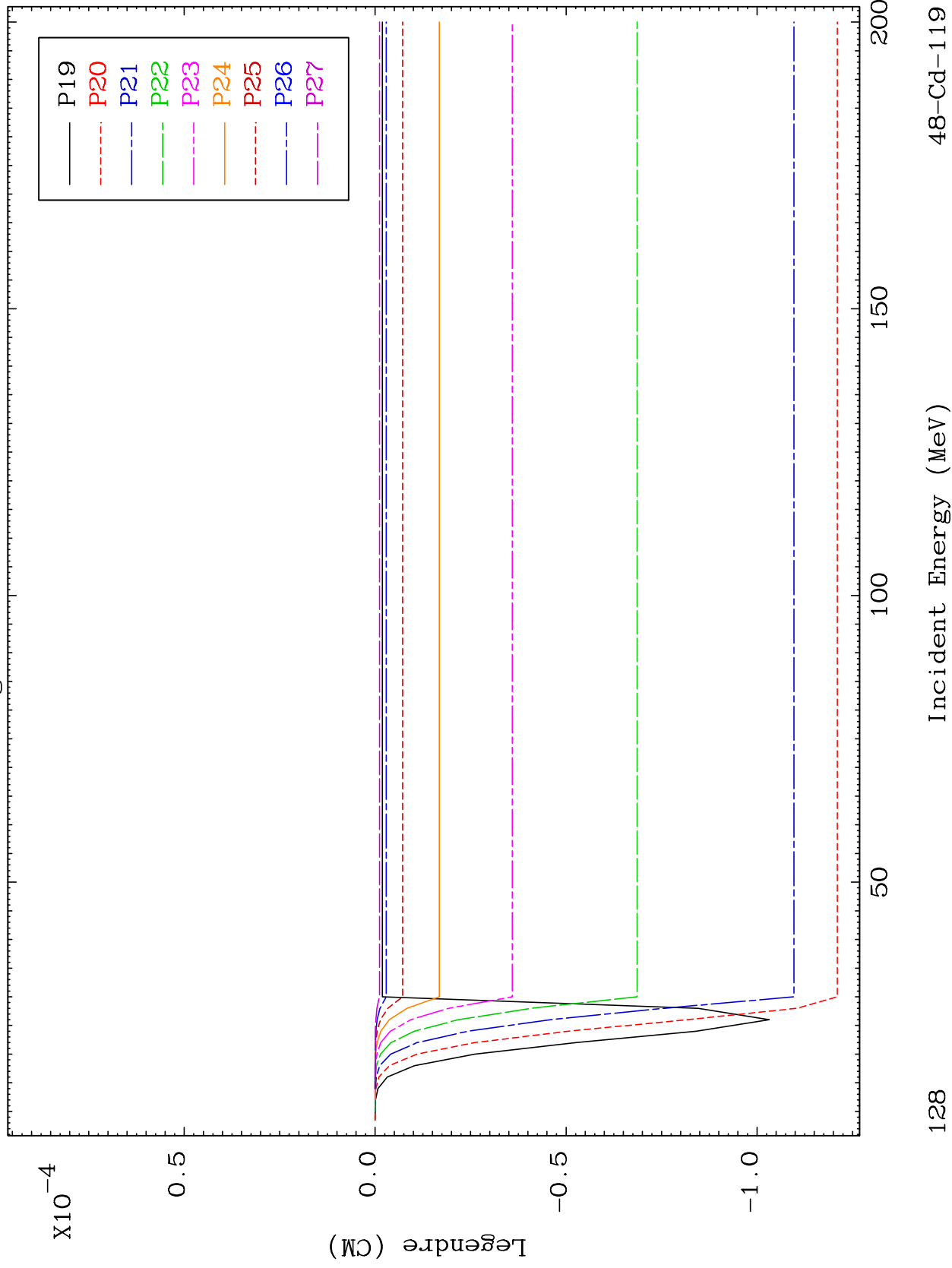




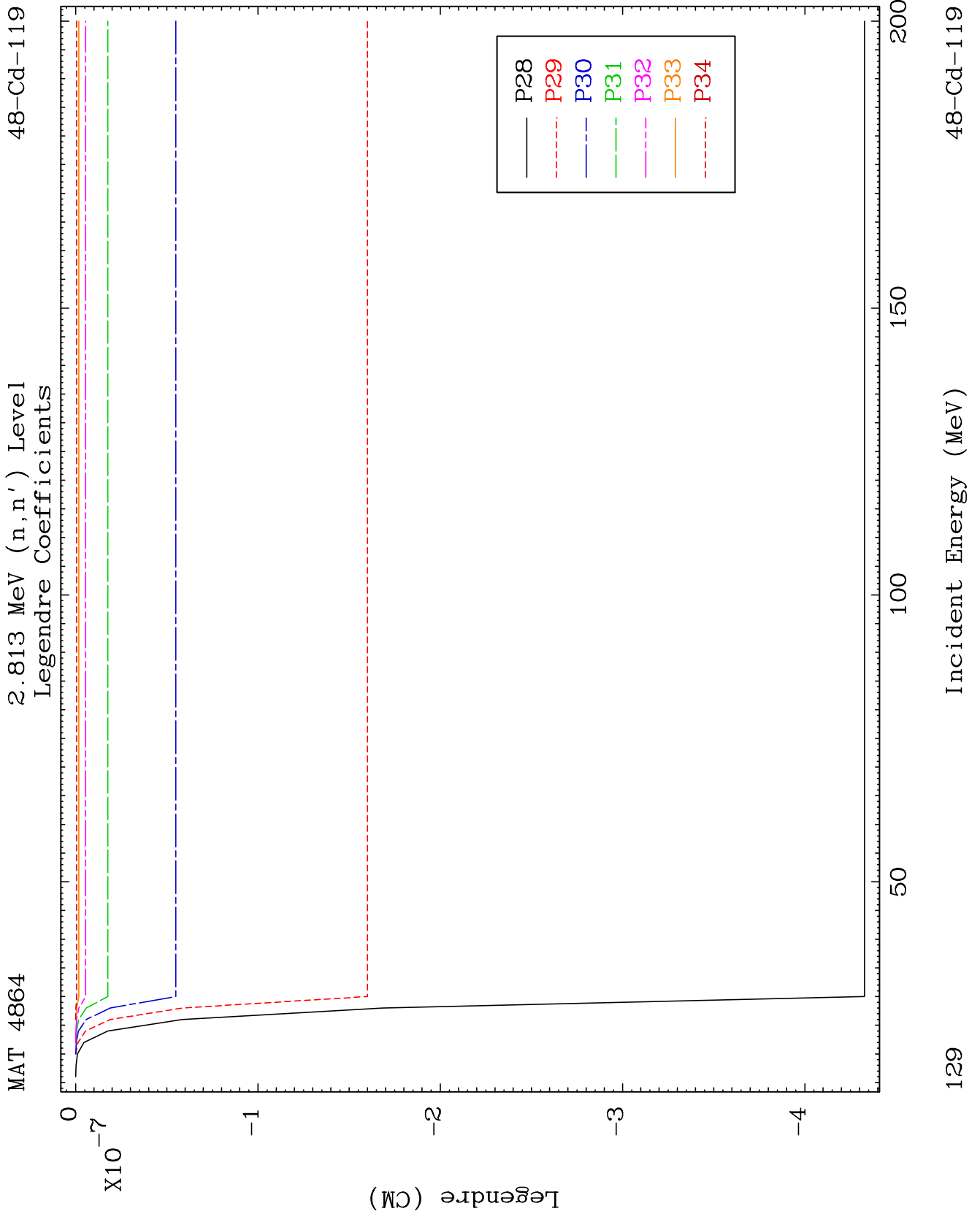
MAT 4864

2.813 MeV (n,n') Level  
Legendre Coefficients

48-Cd-119



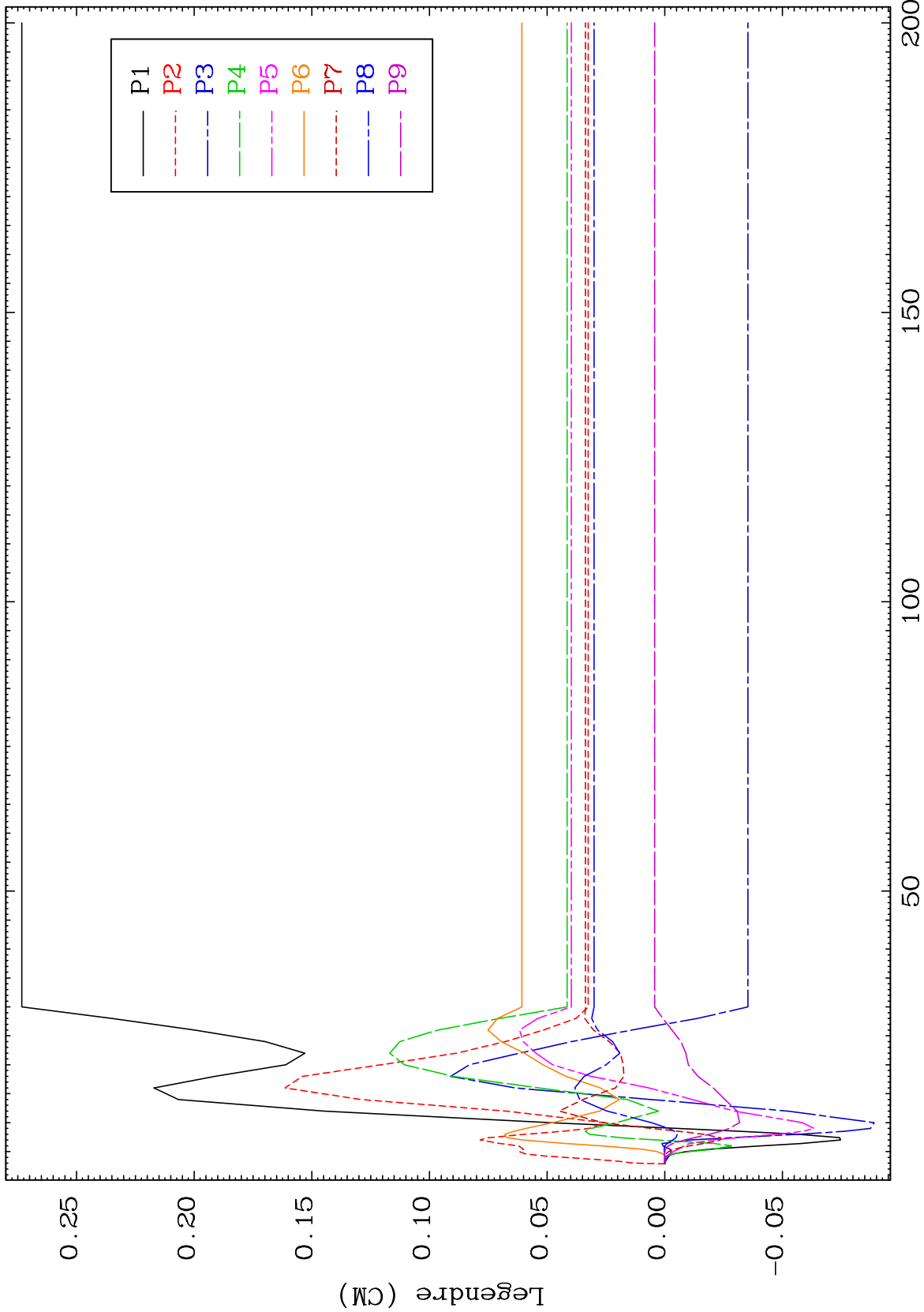
128



MAT 4864

2.862 MeV (n,n') Level  
Legendre Coefficients

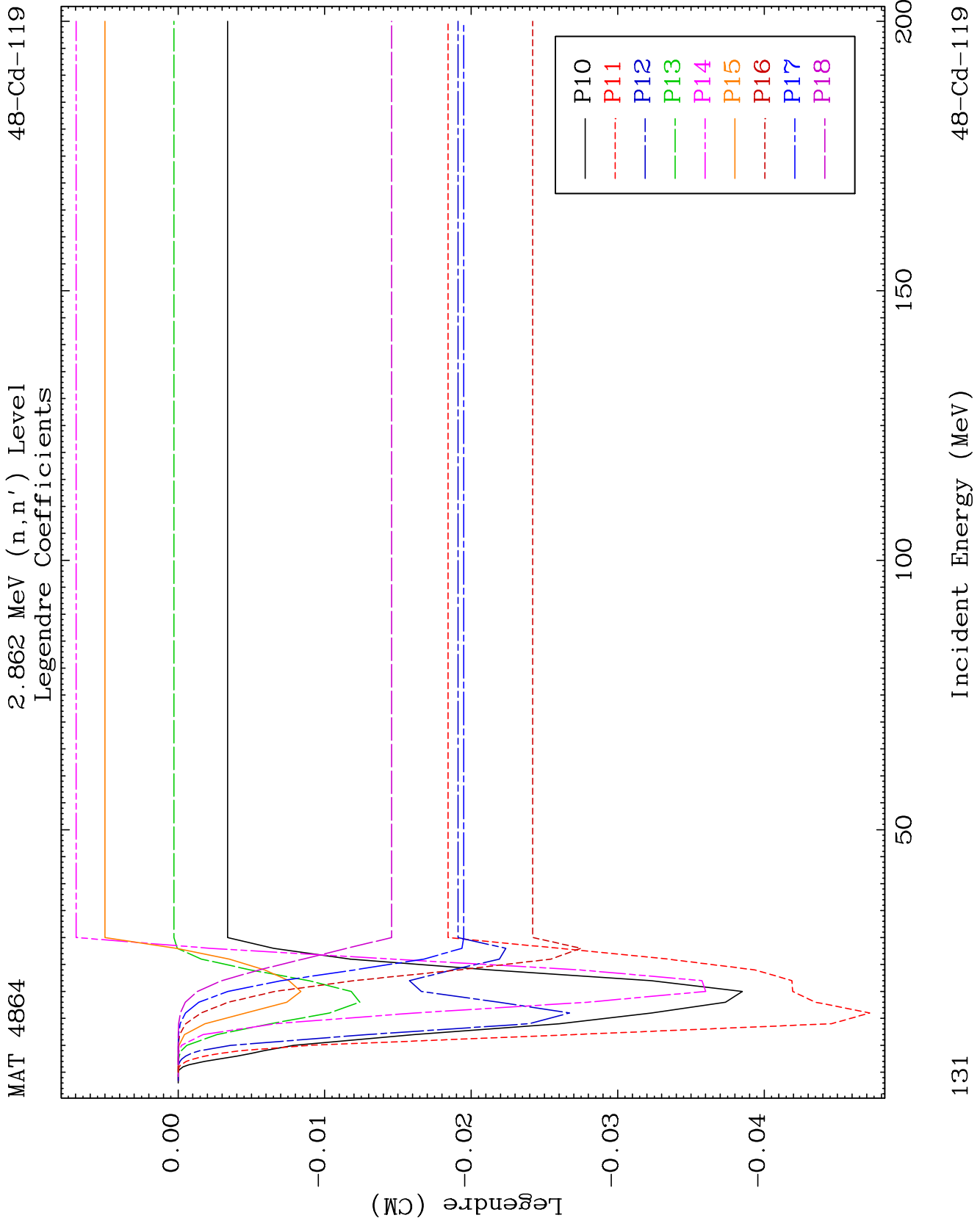
48-Cd-119

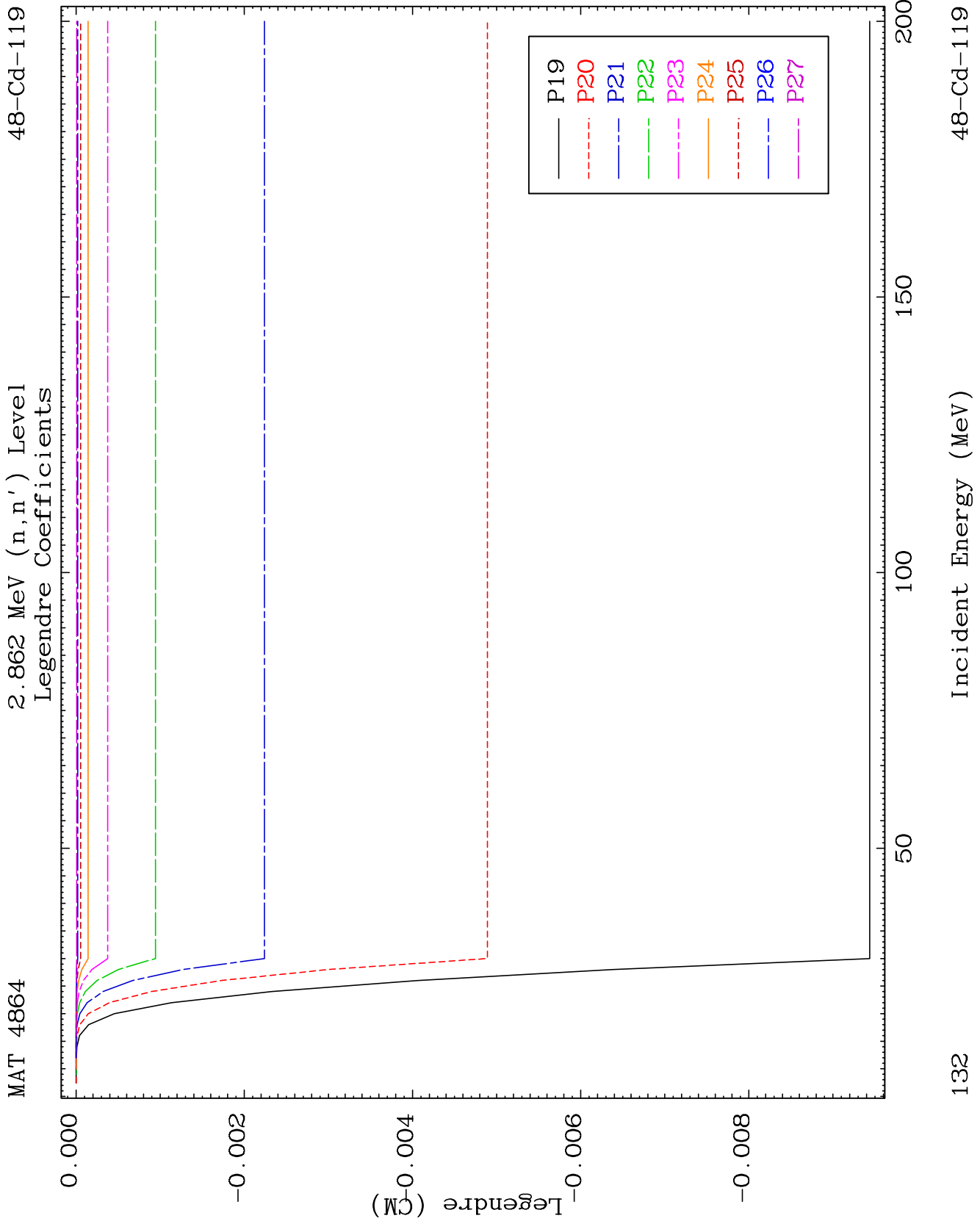


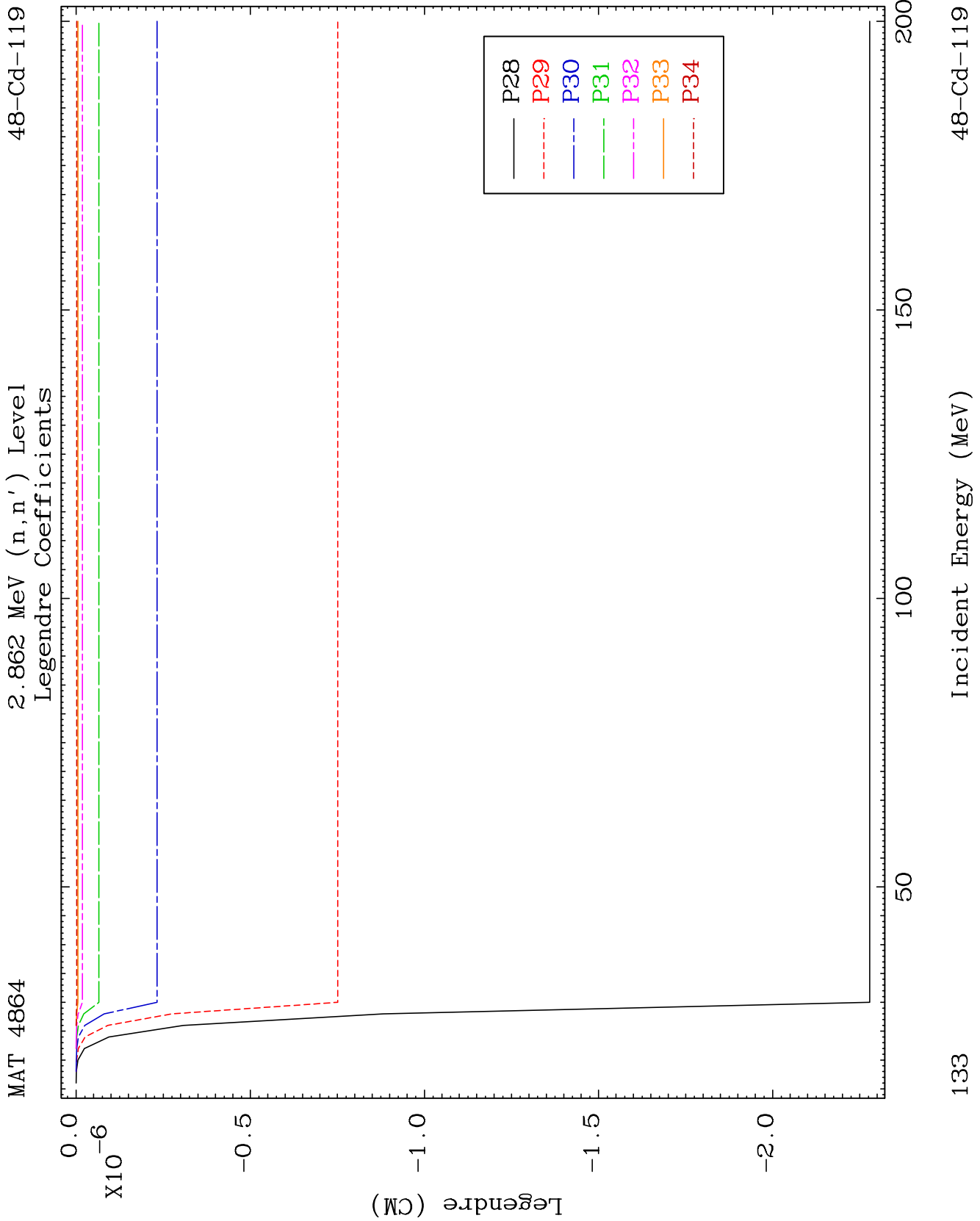
130

Incident Energy (MeV)

48-Cd-119



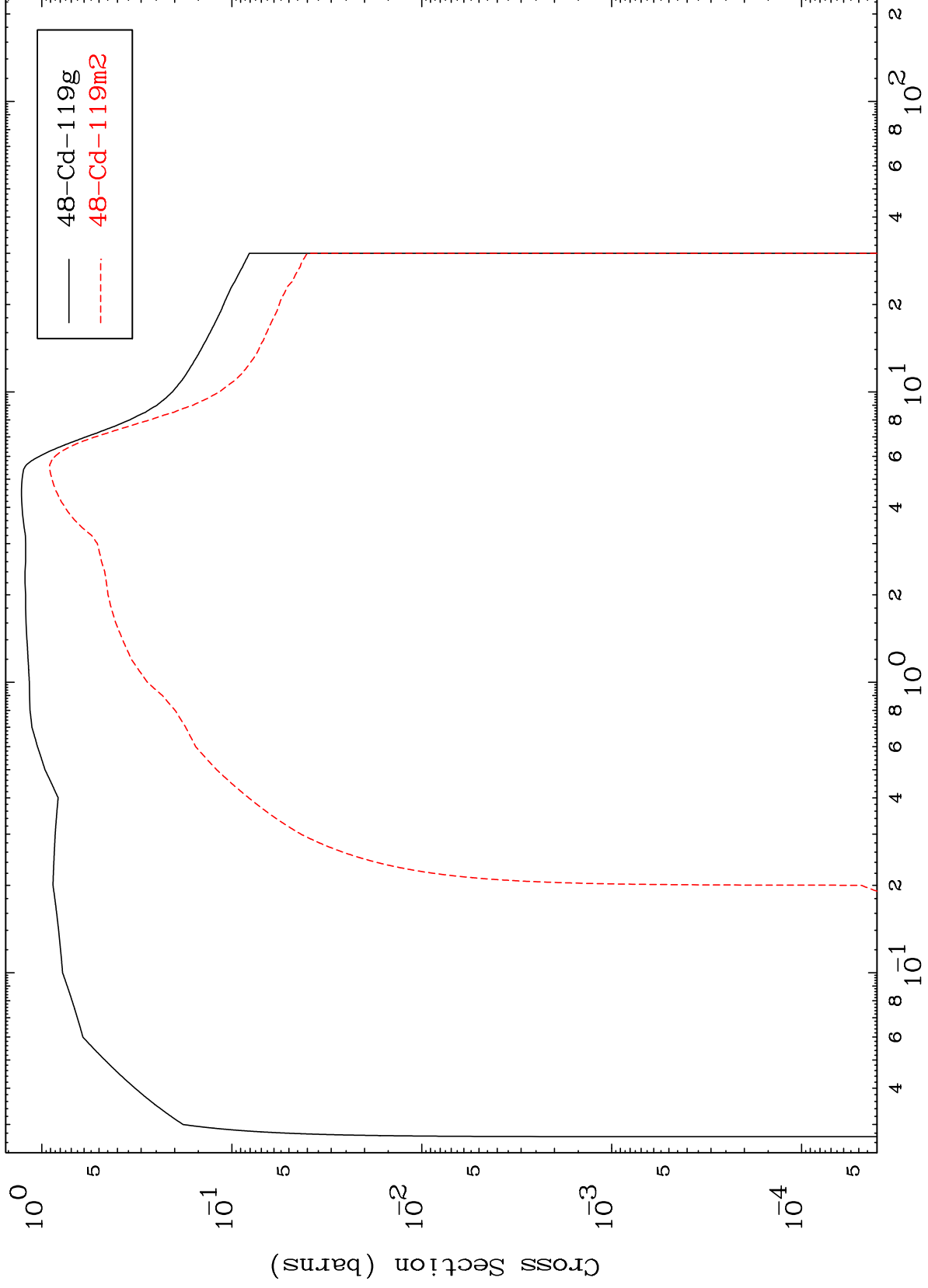




MAT 4864

48-Cd-119

Inelastic  
Radionuclide Production Cross Section



48-Cd-119g  
48-Cd-119m2

134

48-Cd-119

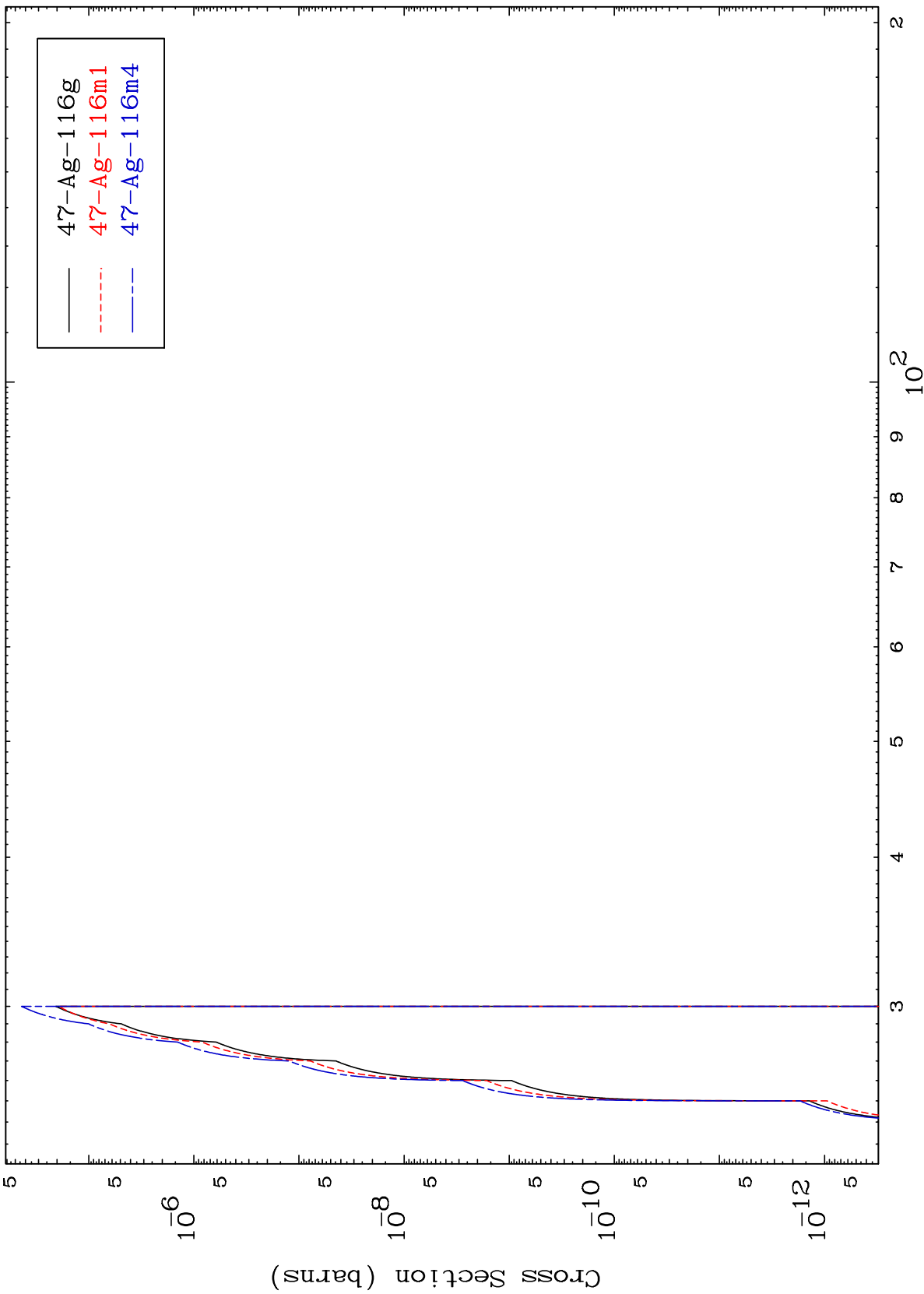
Incident Energy (MeV)

MAT 4864

(n,2n) d

48-Cd-119

Radionuclide Production Cross Section



135

Incident Energy (MeV)

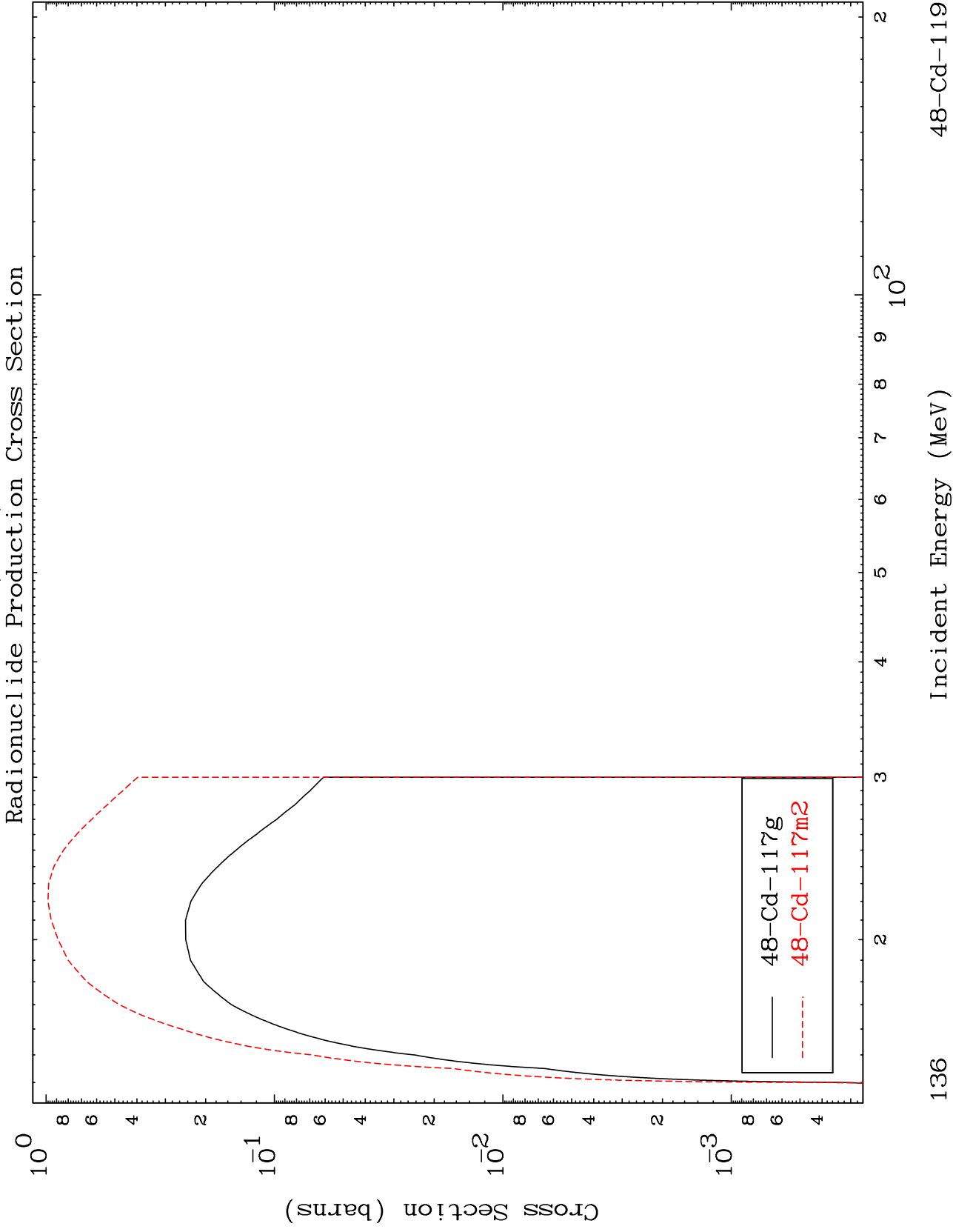
48-Cd-119



MAT 4864

(n,3n)

48-Cd-119

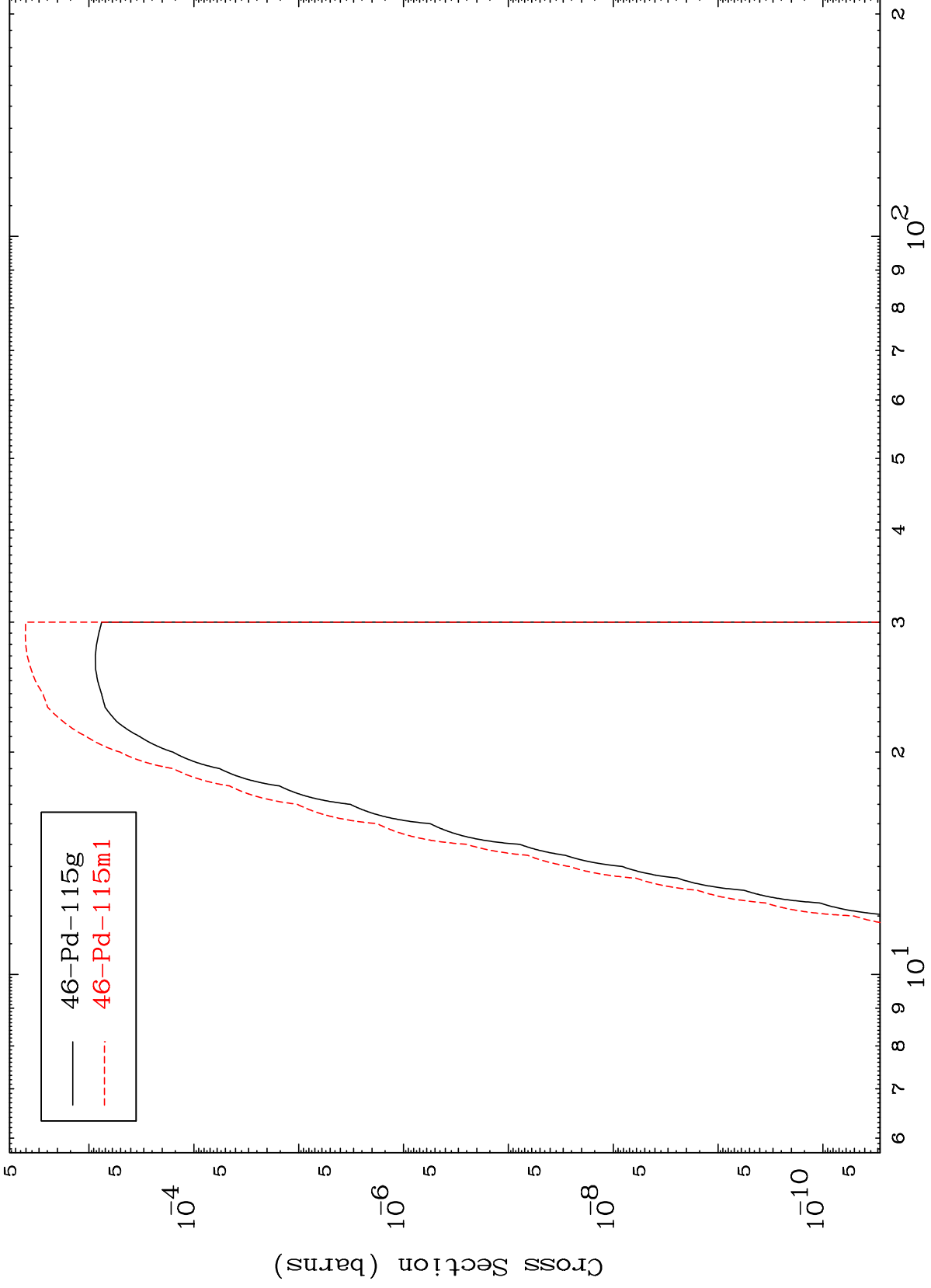


MAT 4864

(n,n')  $\alpha$

48-Cd-119

Radionuclide Production Cross Section



137

Incident Energy (MeV)

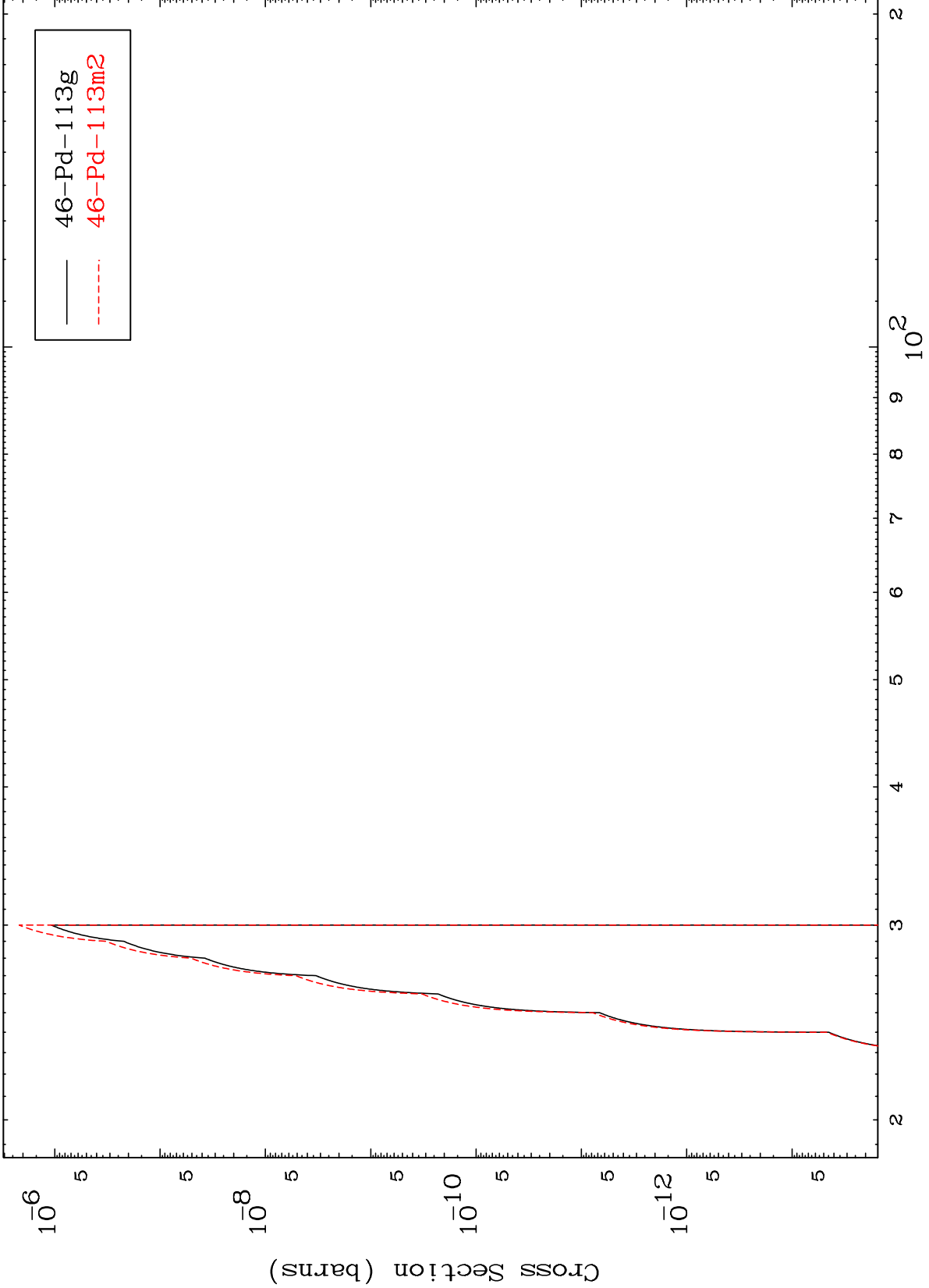
48-Cd-119

MAT 4864

(n,3n)  $\alpha$

48-Cd-119

Radionuclide Production Cross Section



138

Incident Energy (MeV)

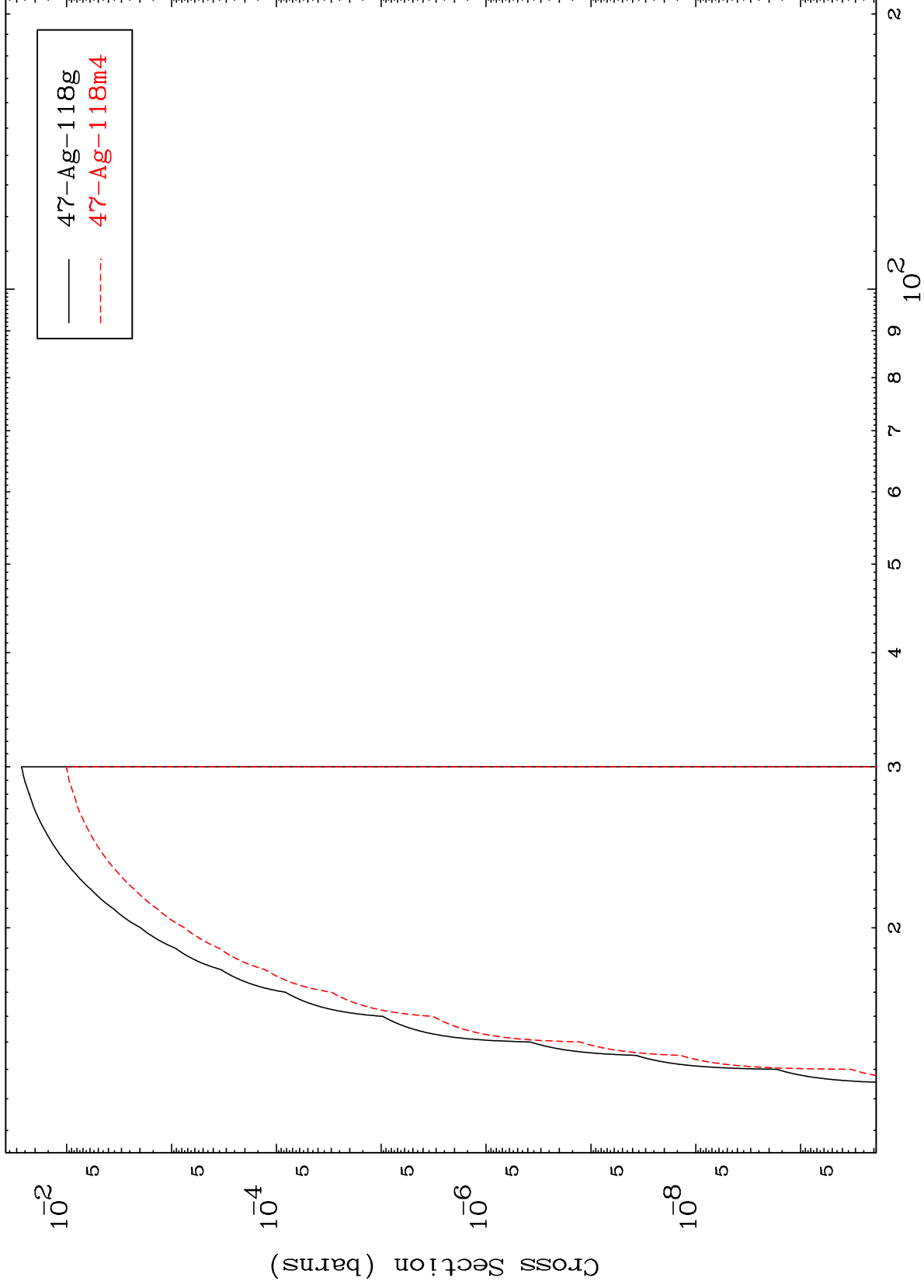
48-Cd-119

MAT 4864

(n,n') p

48-Cd-119

Radionuclide Production Cross Section



139

Incident Energy (MeV)

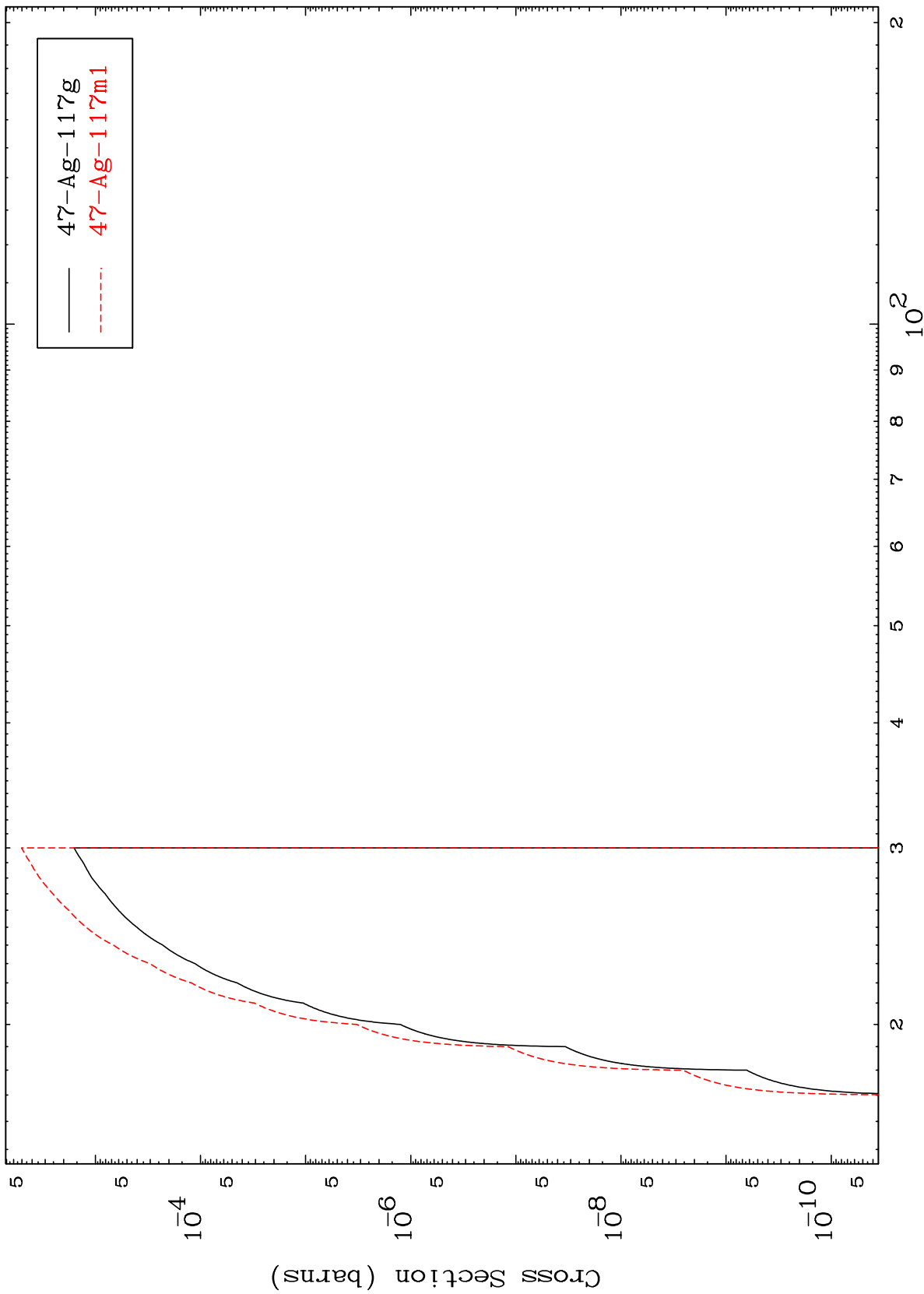
48-Cd-119

MAT 4864

(n,n') d

48-Cd-119

Radionuclide Production Cross Section



140

Incident Energy (MeV)

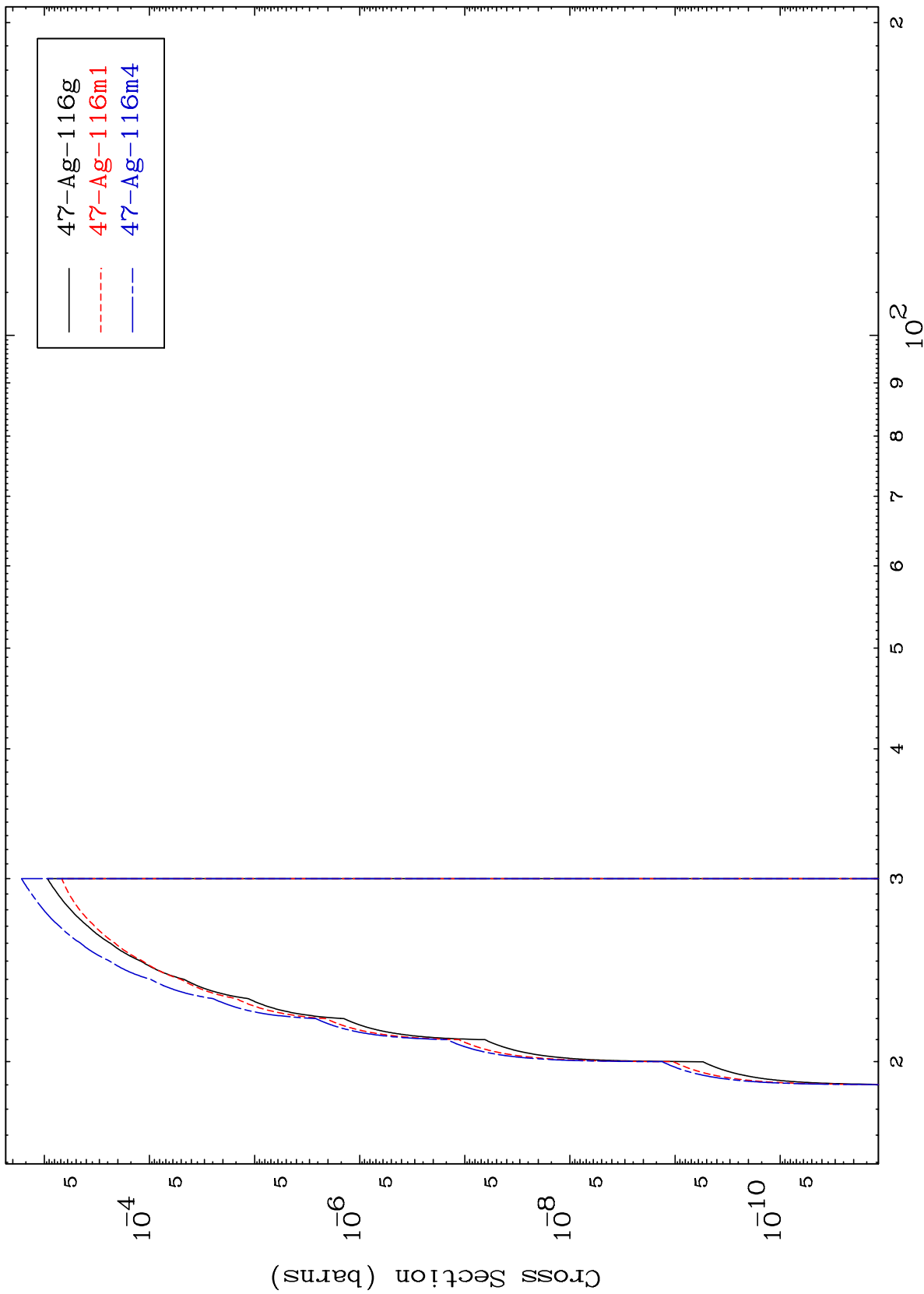
48-Cd-119

MAT 4864

(n,n') t

48-Cd-119

Radionuclide Production Cross Section



141

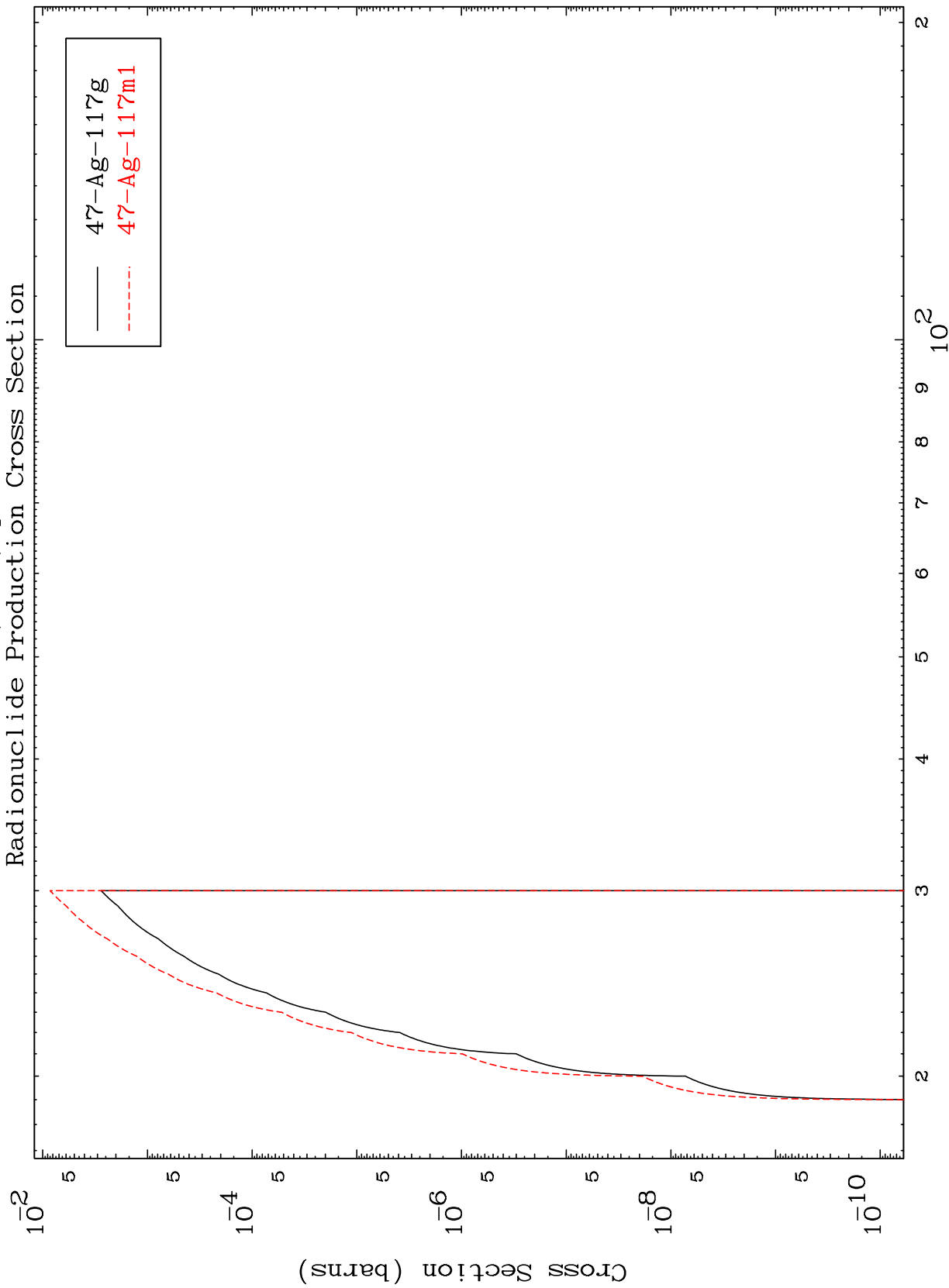
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n,2n) p  
Radionuclide Production Cross Section

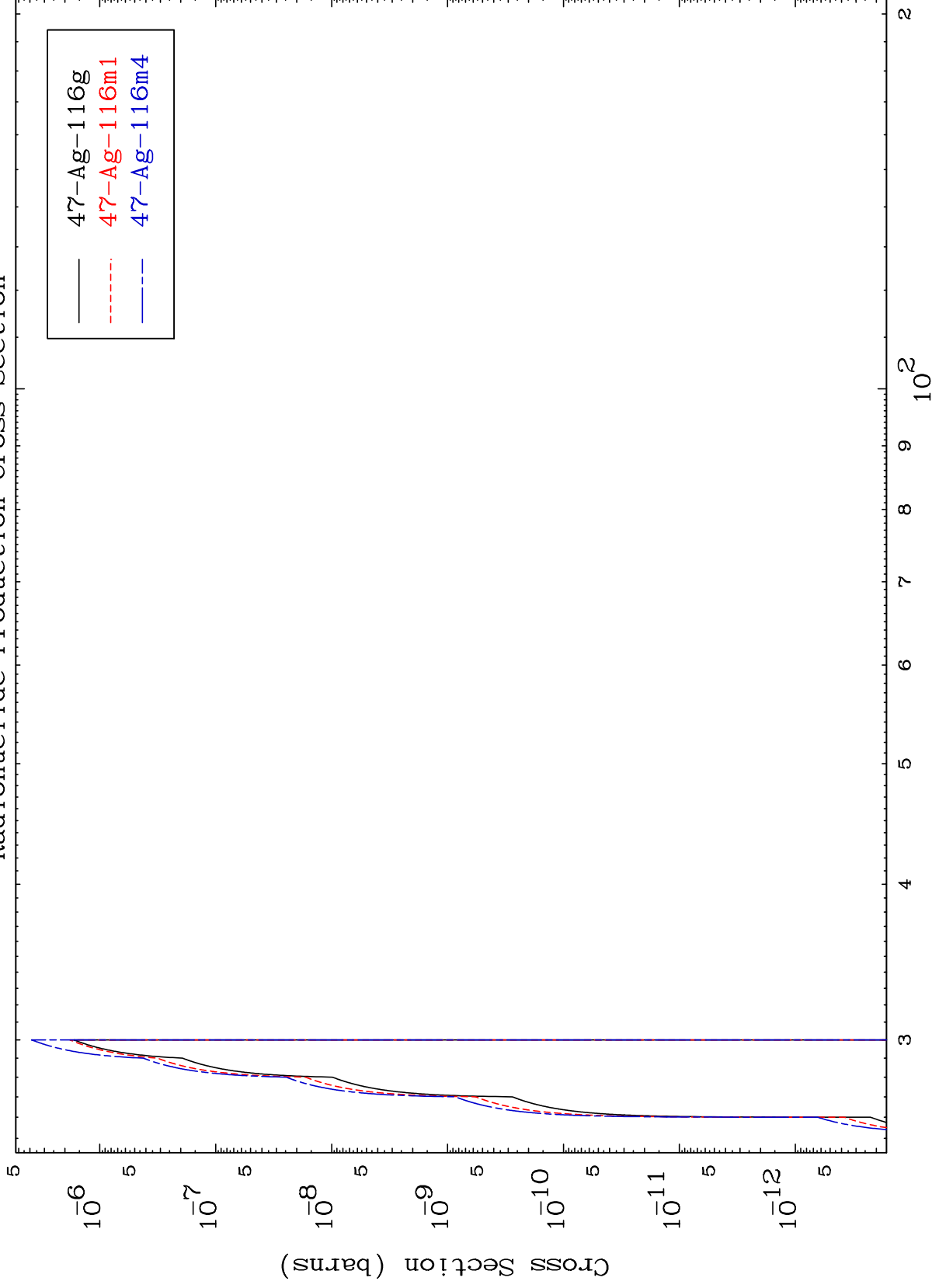


142

Incident Energy (MeV)

48-Cd-119

Radionuclide Production Cross Section

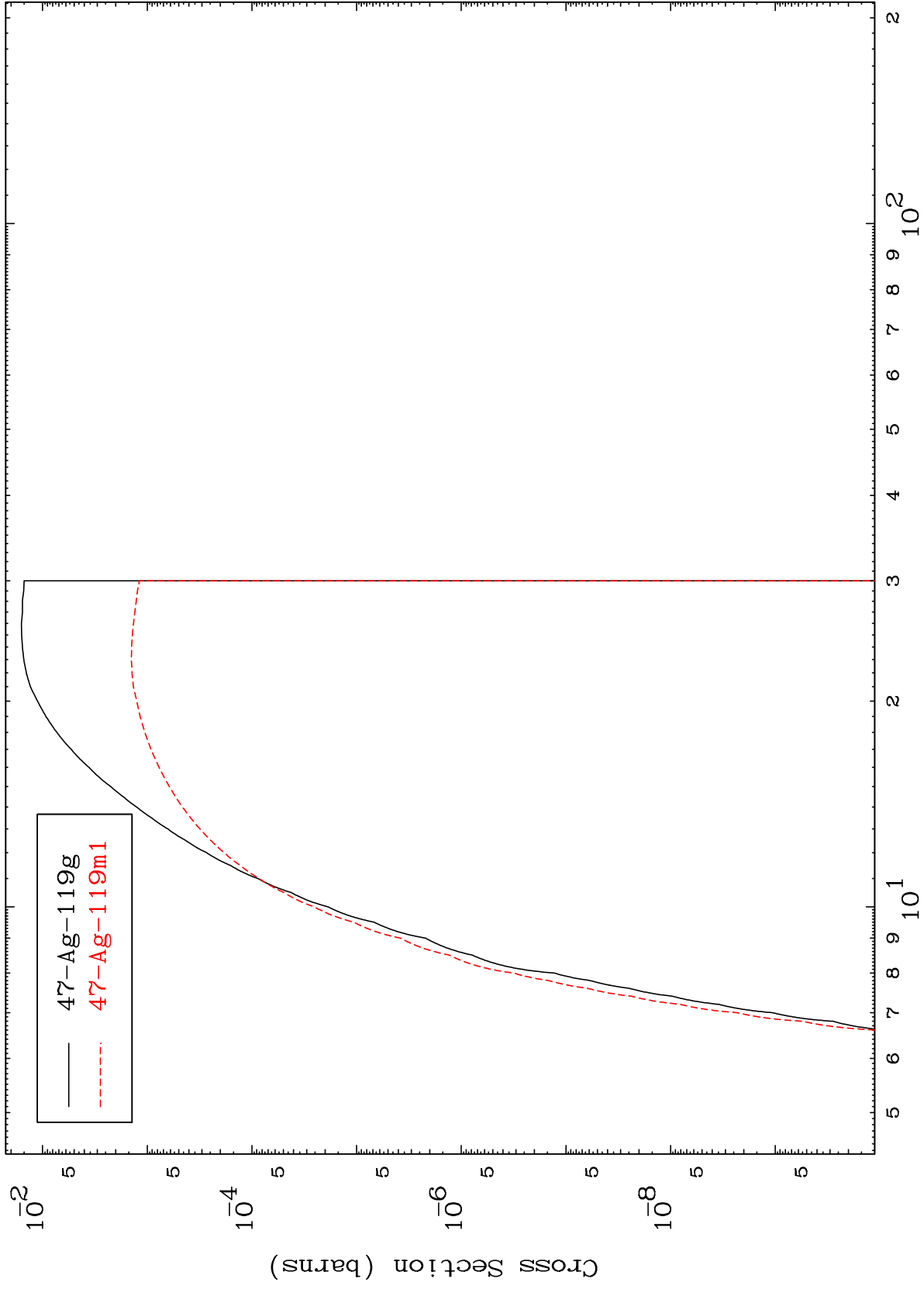




MAT 4864

48-Cd-119

(n,p)  
Radionuclide Production Cross Section



144

Incident Energy (MeV)

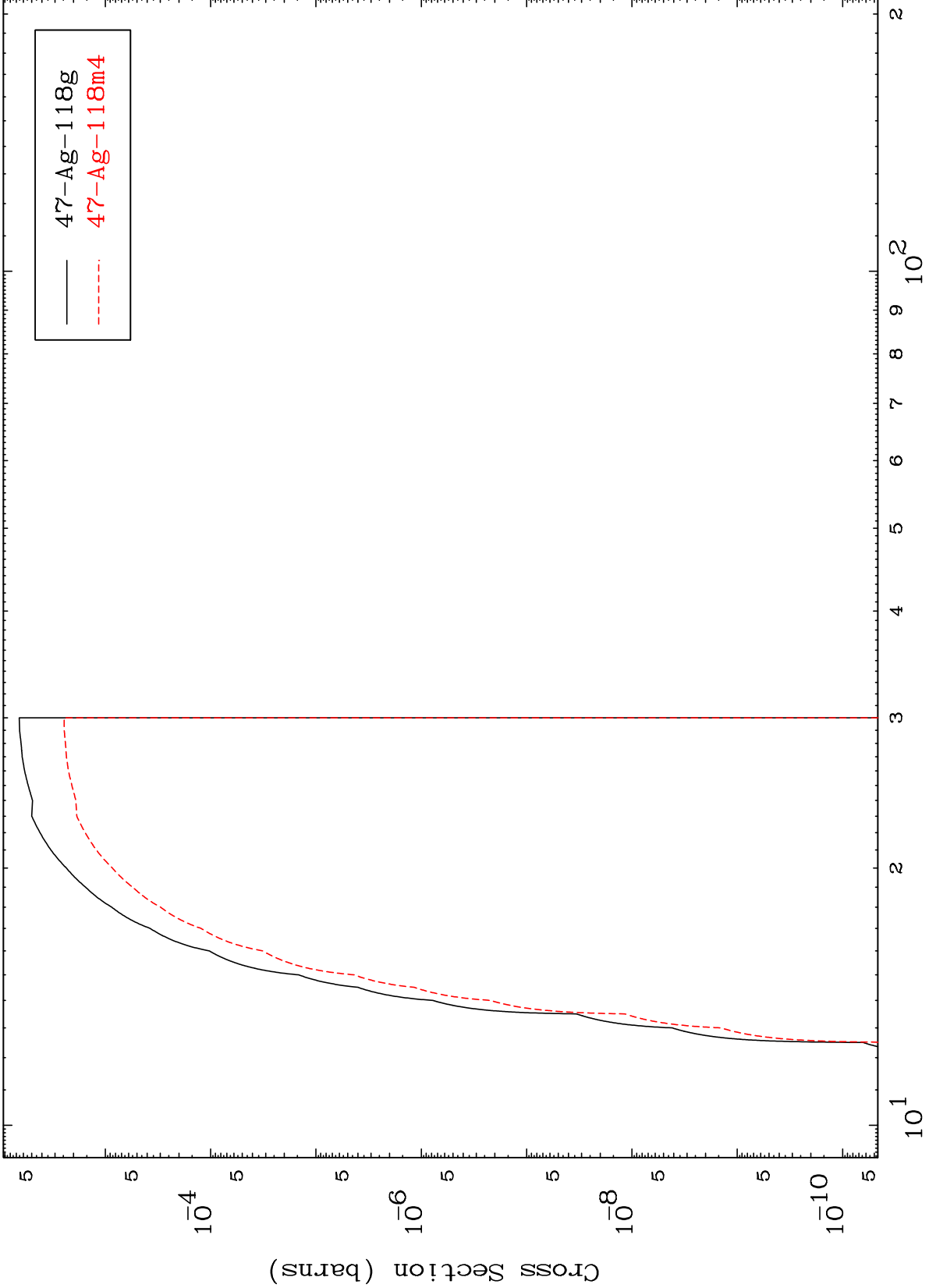
48-Cd-119

MAT 4864

(n,d)

48-Cd-119

Radionuclide Production Cross Section



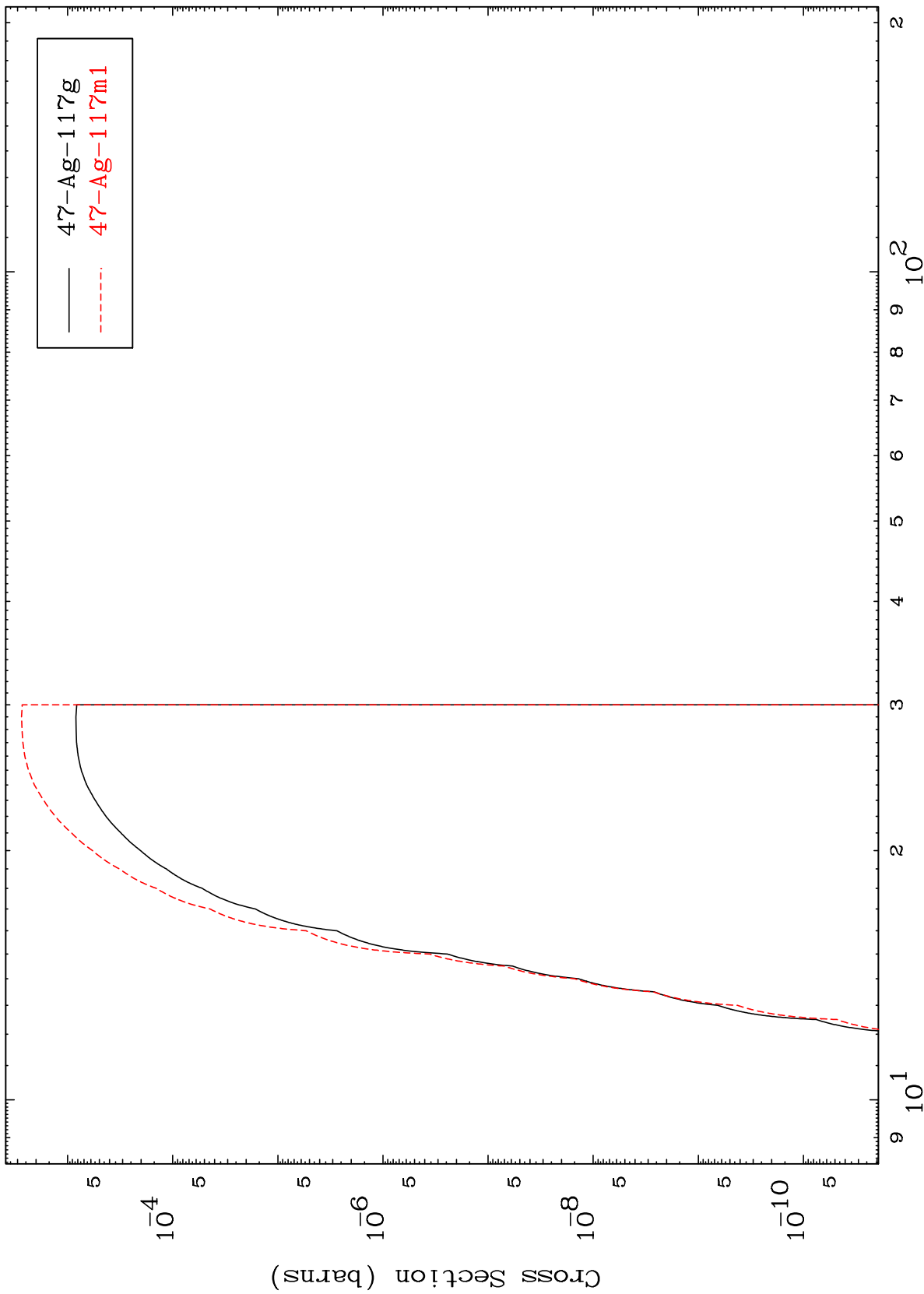
Incident Energy (MeV)

48-Cd-119

MAT 4864

48-Cd-119

(n,t)  
Radionuclide Production Cross Section



48-Cd-119

Incident Energy (MeV)

146