

Program EVALPLOT  
(Version 2015-2)

by

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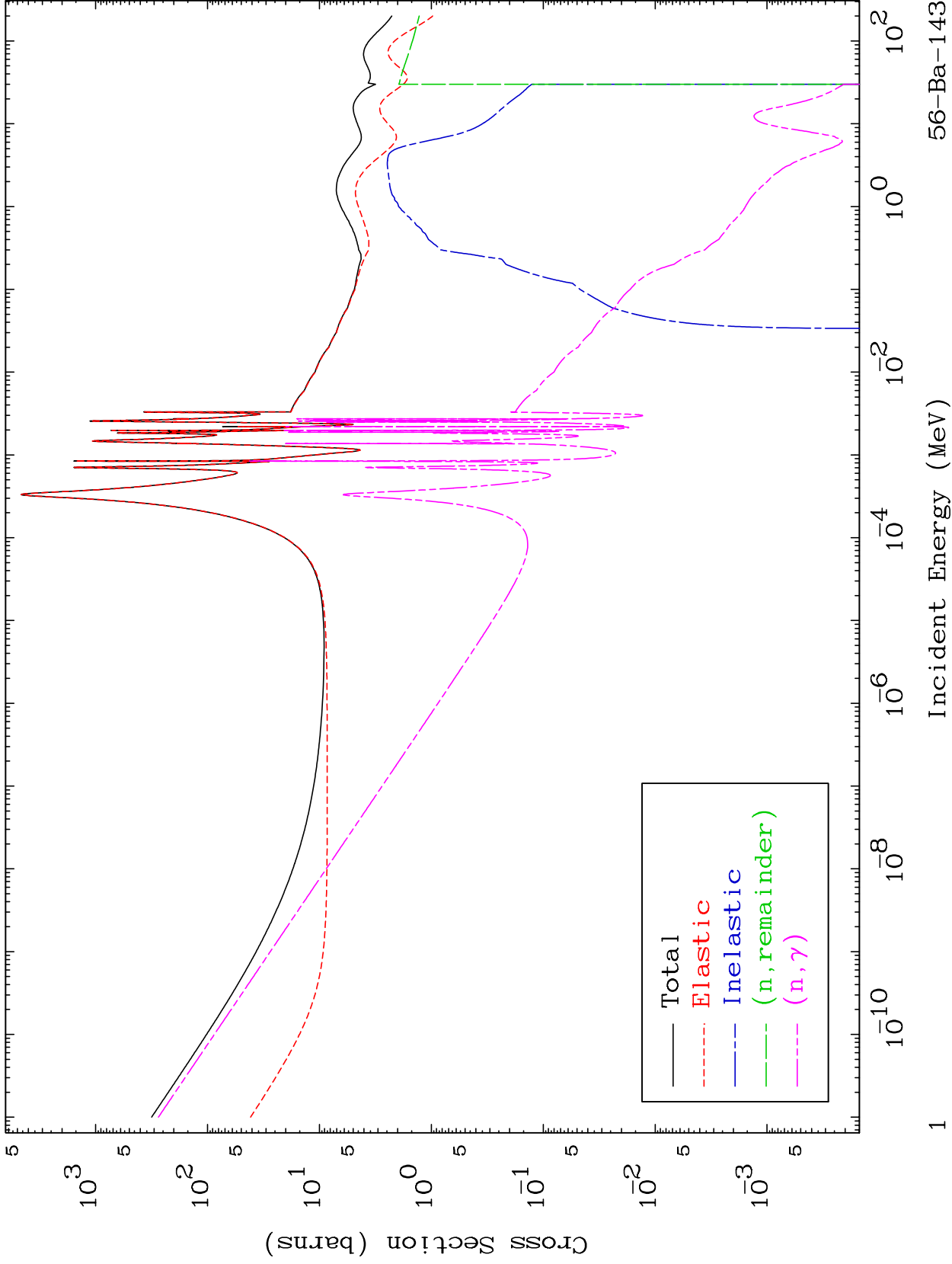
Press Mouse Button to Start

MAT 5664

Major

293 Kelvin Cross Sections

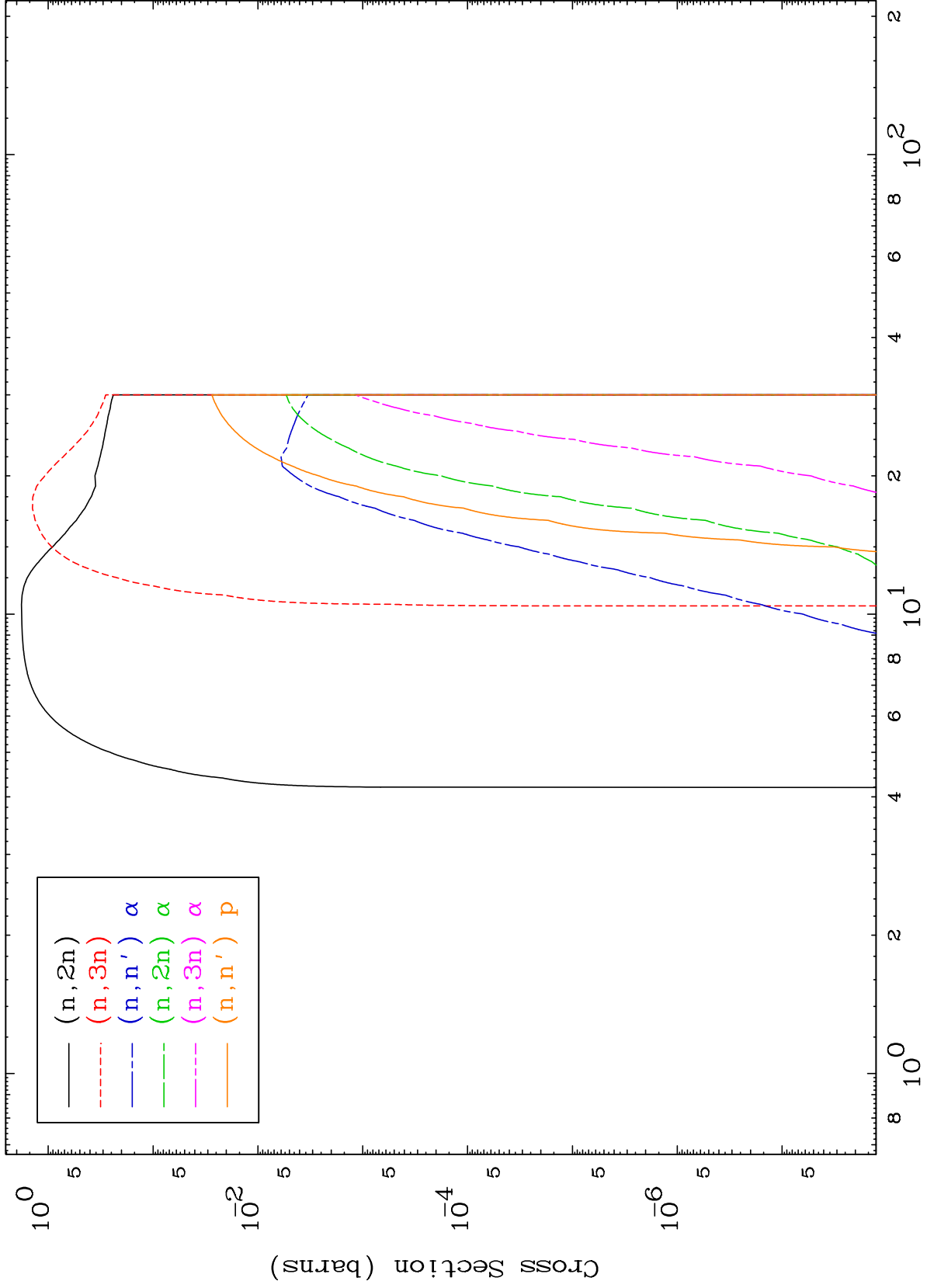
56-Ba-143



MAT 5664

Neutron Production  
293 Kelvin Cross Sections

56-Ba-143

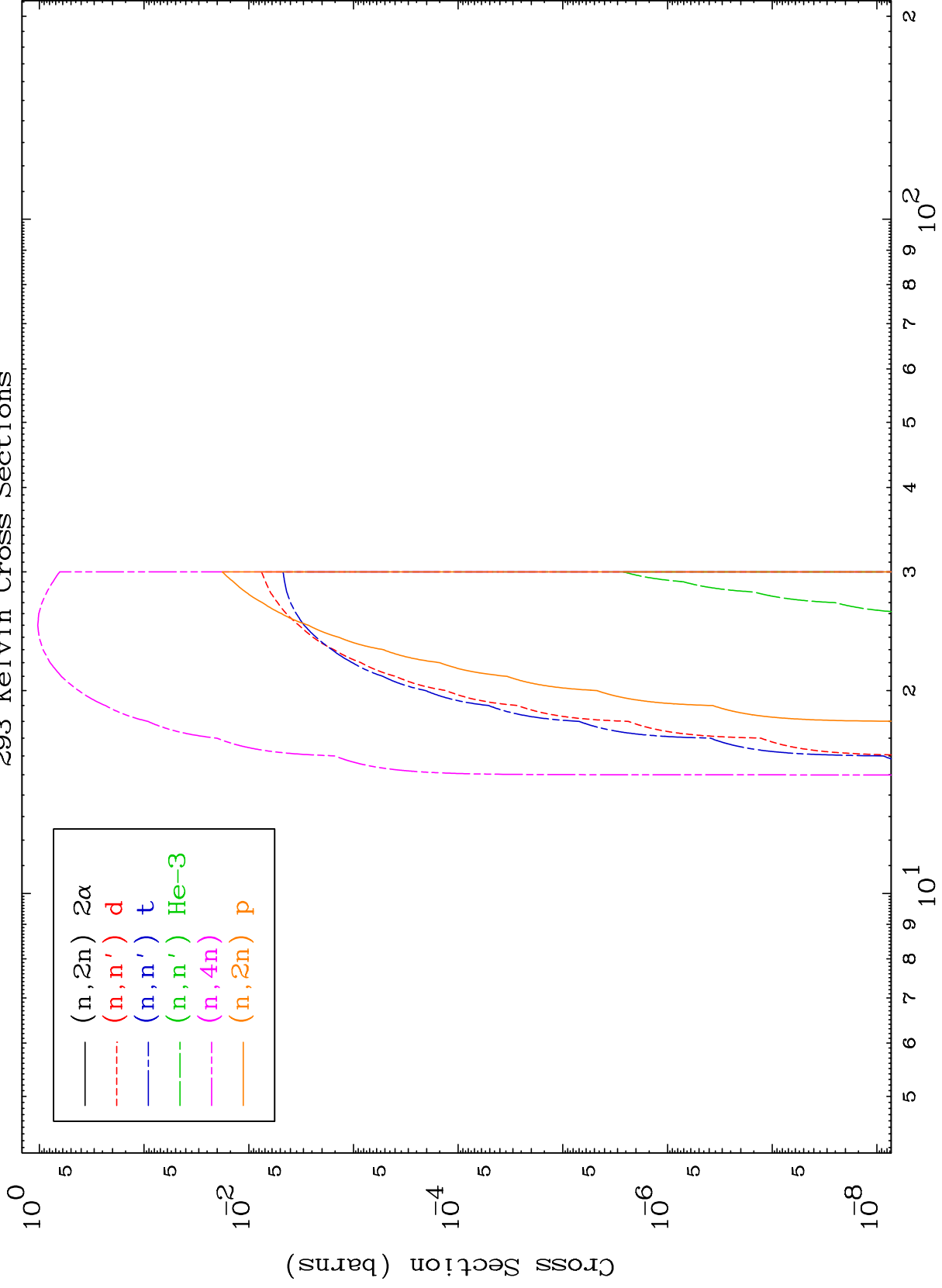


- (n, 2n)
- (n, 3n)
- (n, n')
- (n, 2n)
- (n, 3n)
- (n, n')

56-Ba-143

Incident Energy (MeV)

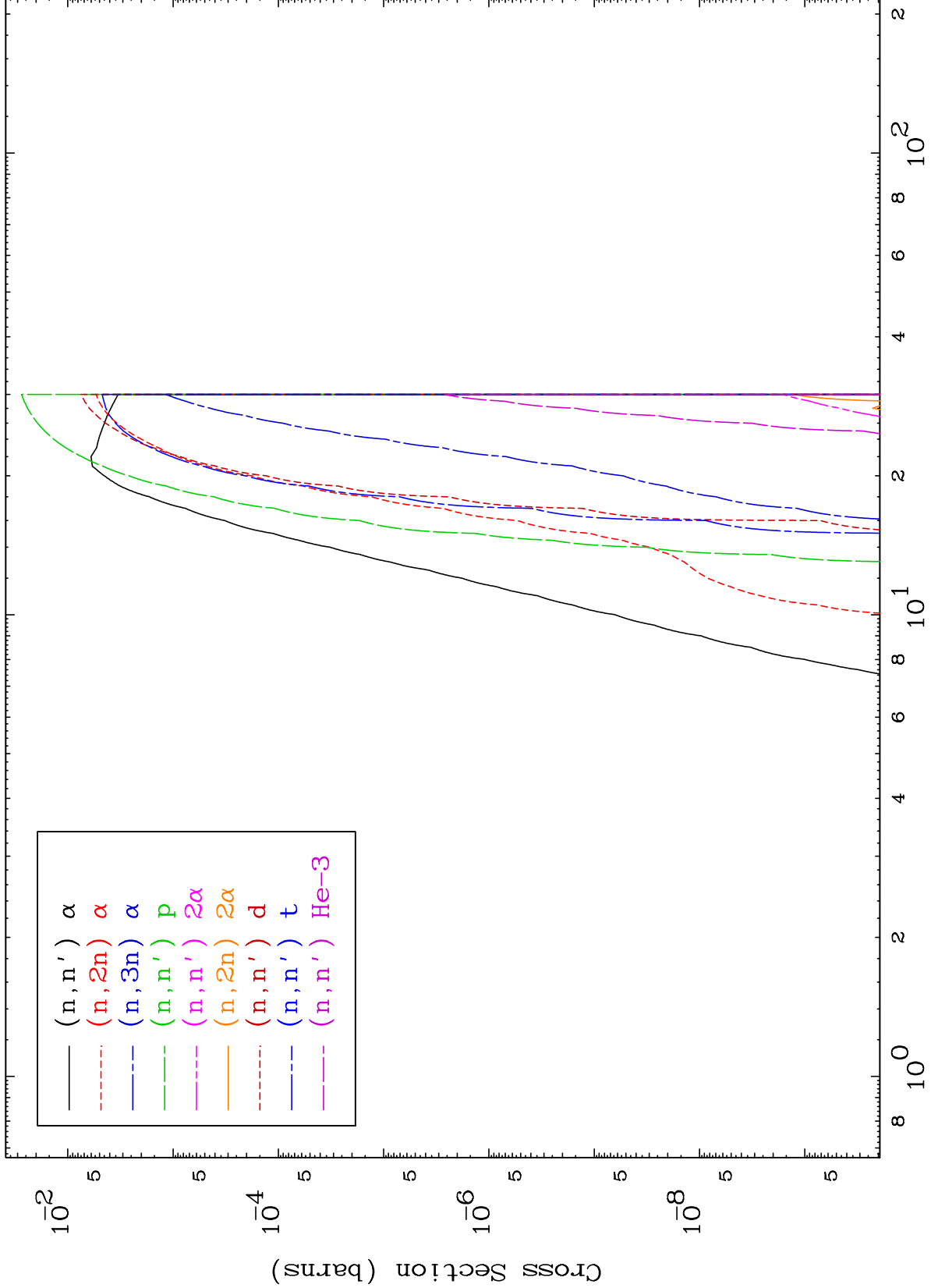
2



MAT 5664

Charged Particle  
293 Kelvin Cross Sections

56-Ba-143



4

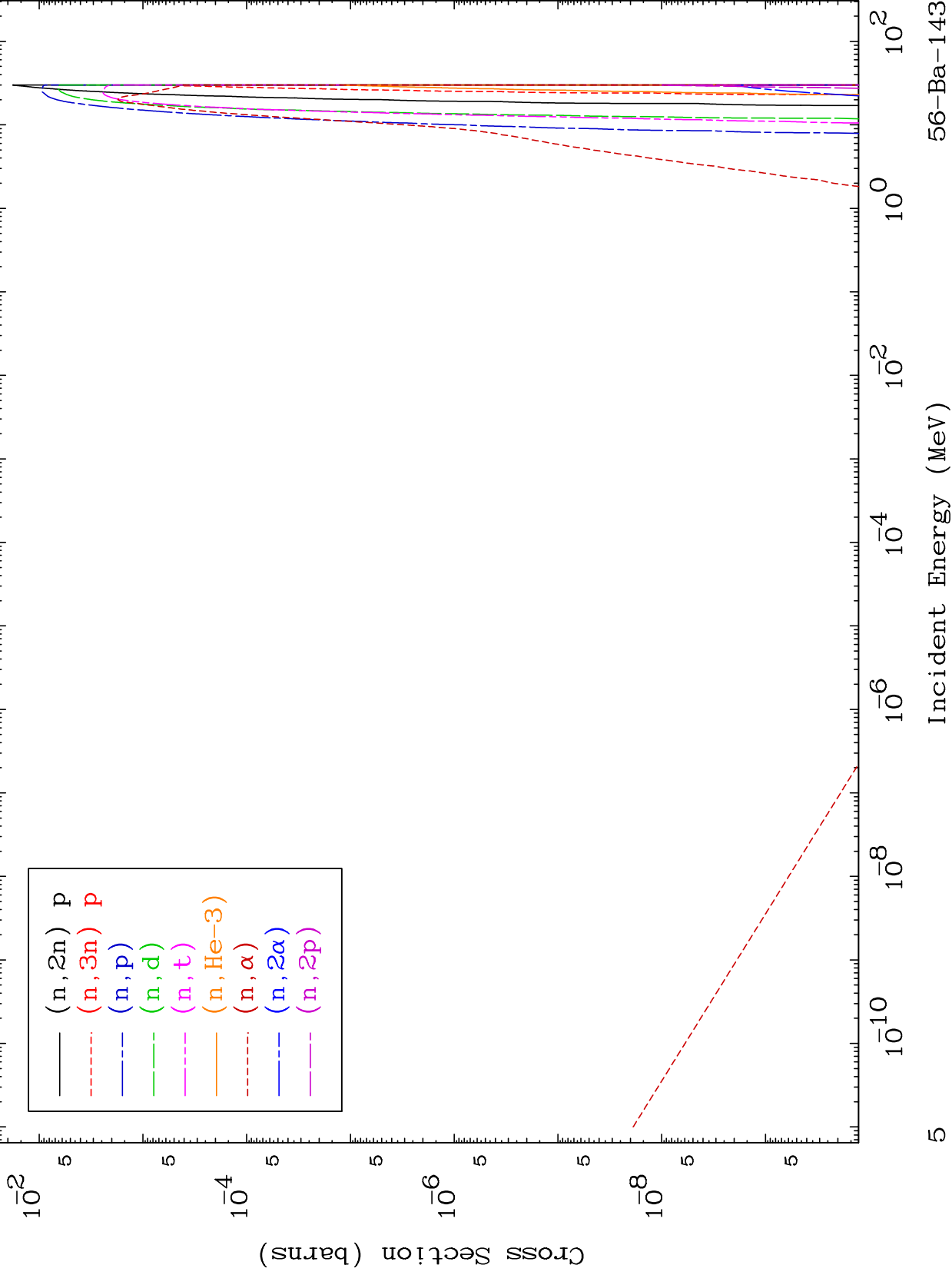
Incident Energy (MeV)

56-Ba-143

MAT 5664

Charged Particle  
293 Kelvin Cross Sections

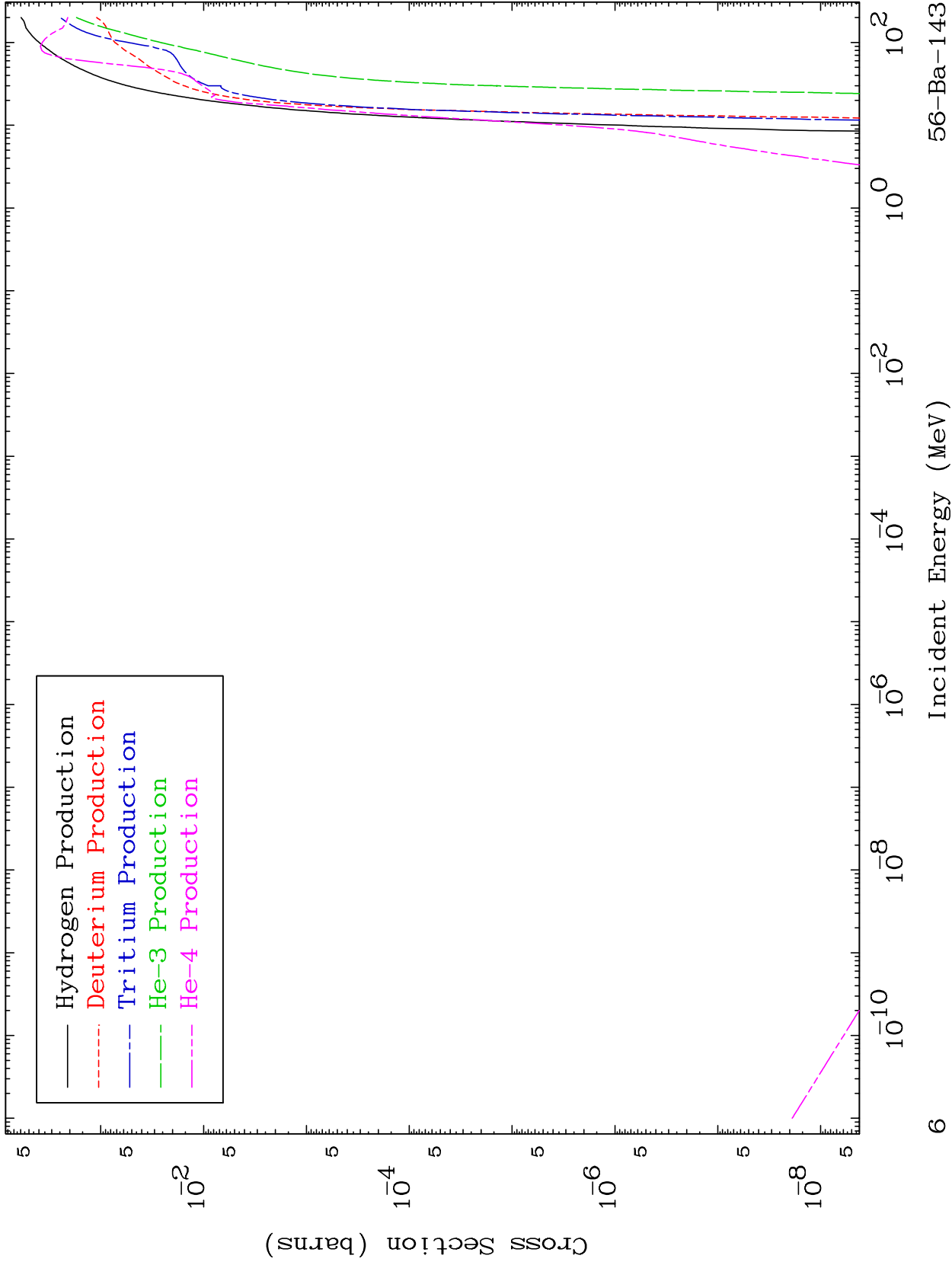
56-Ba-143



MAT 5664

Particle Production  
293 Kelvin Cross Sections

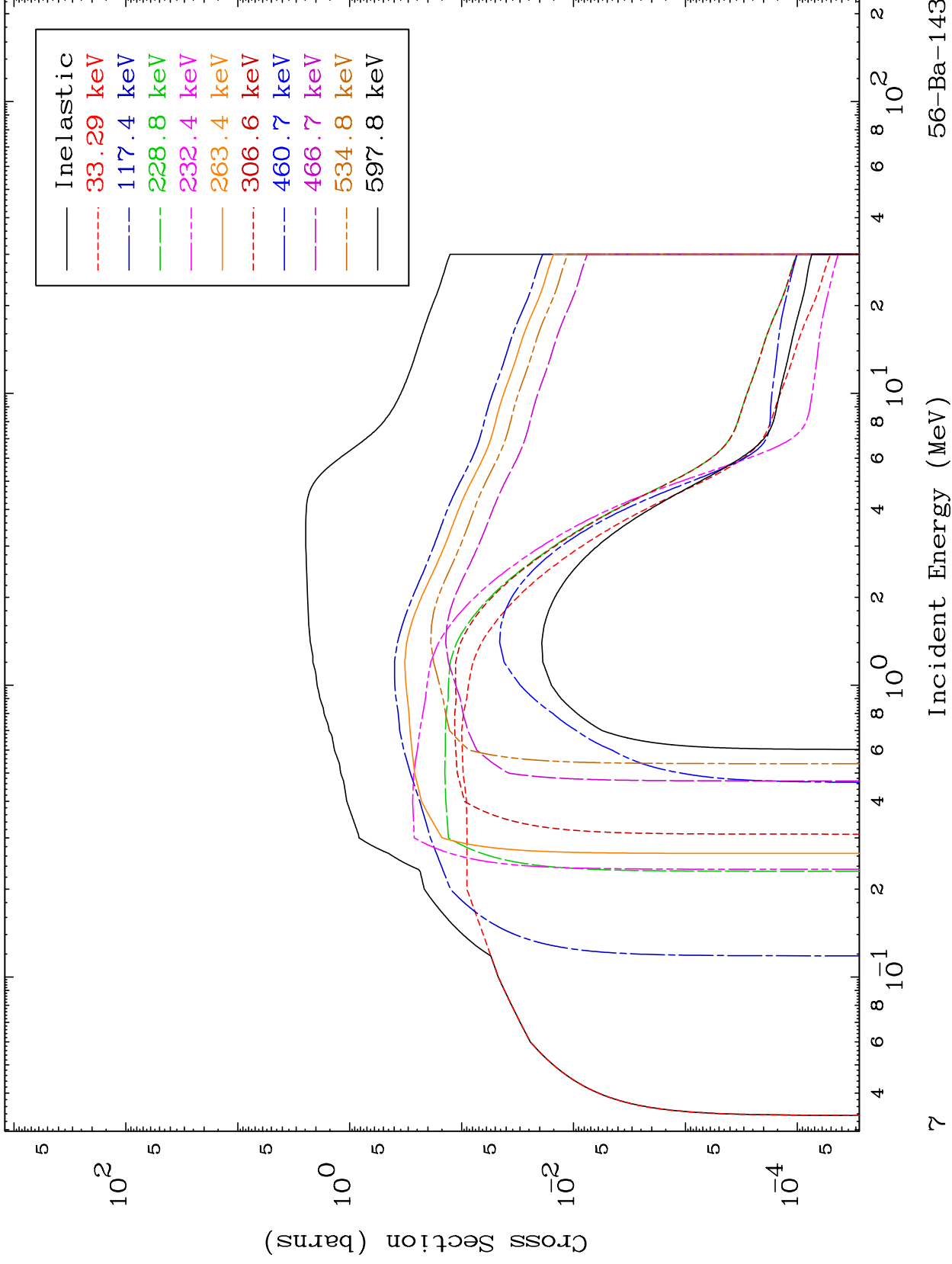
56-Ba-143



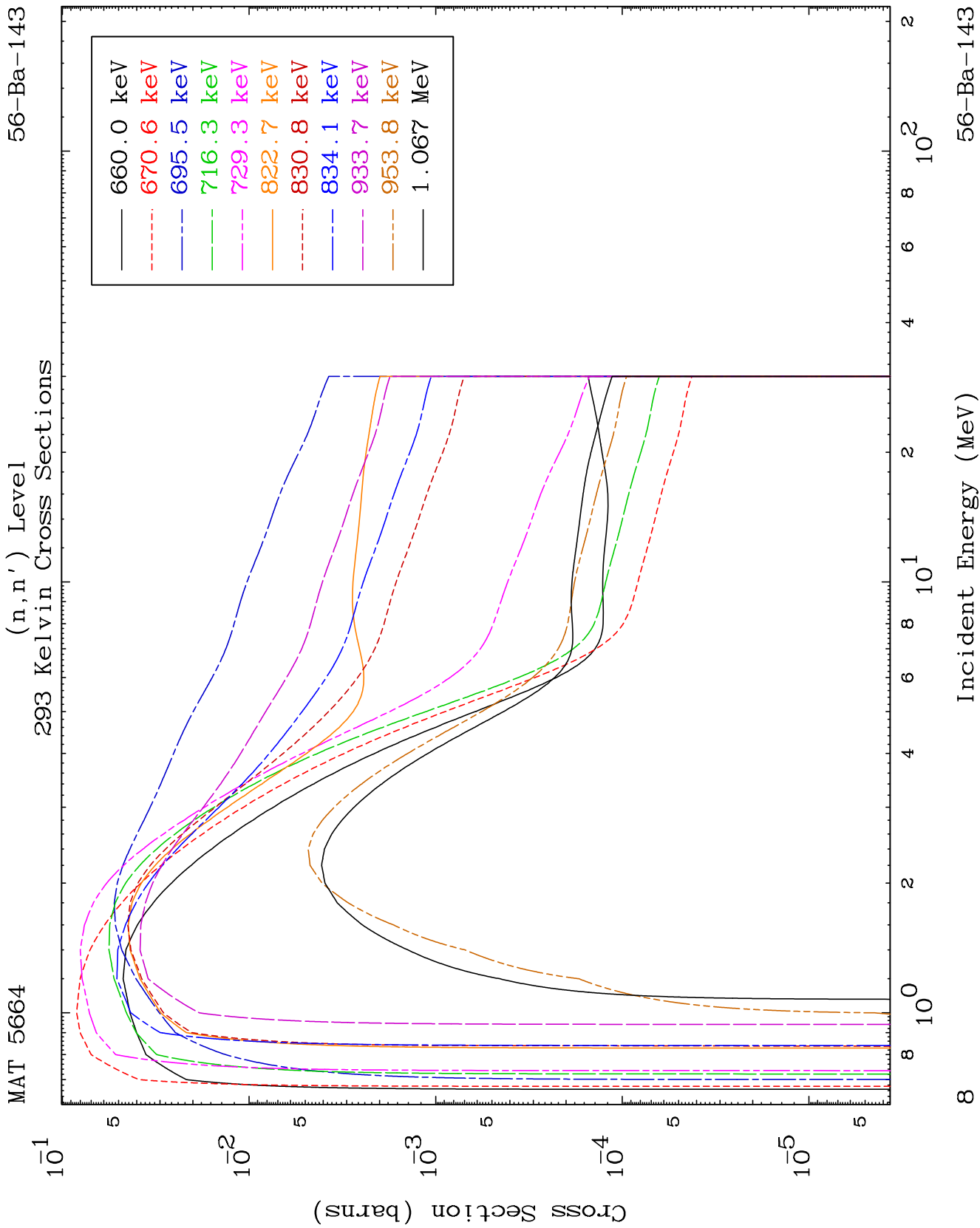
MAT 5664

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-143





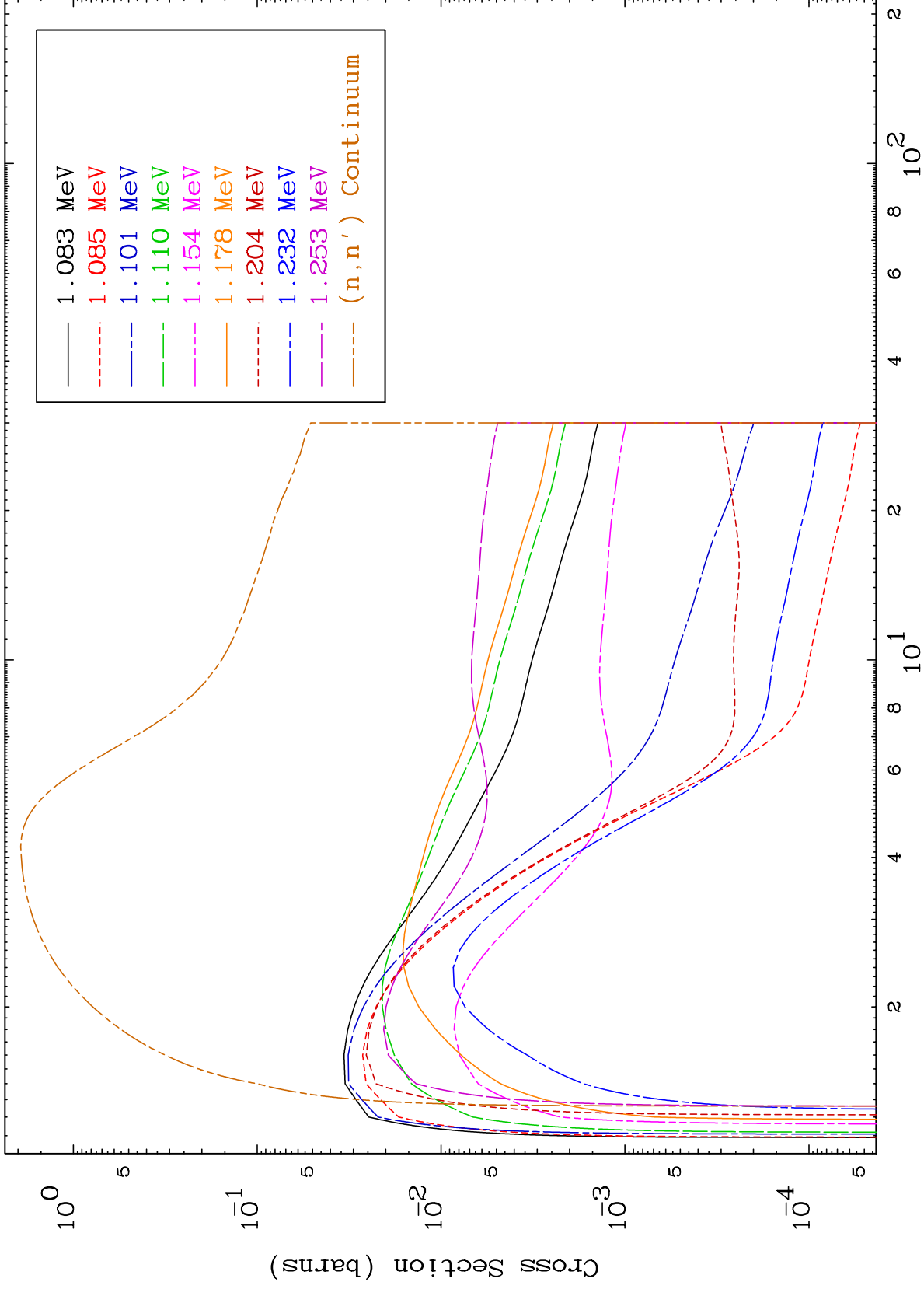


MAT 5664

(n,n') Level

56-Ba-143

293 Kelvin Cross Sections



9

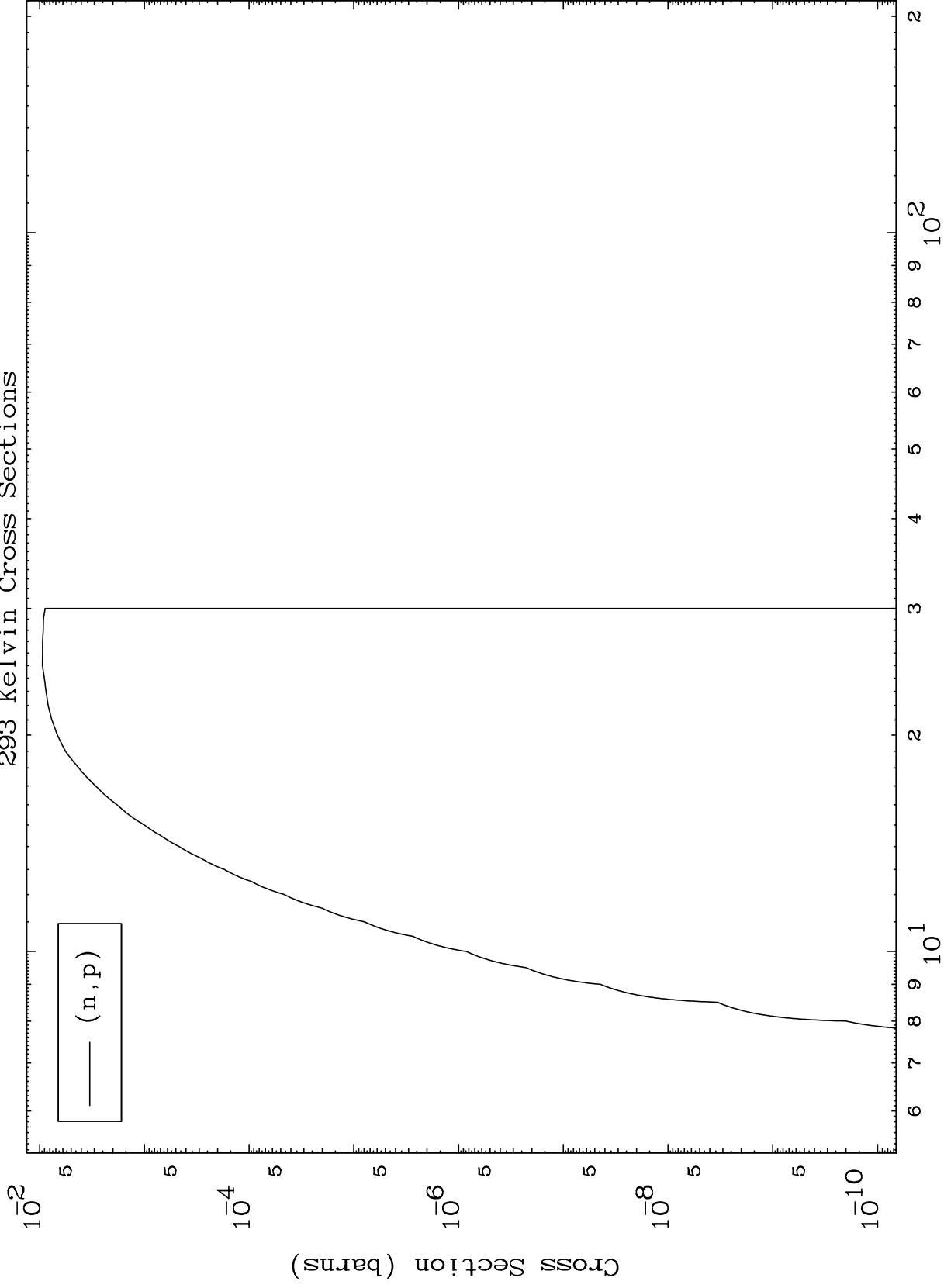
Incident Energy (MeV)

56-Ba-143

MAT 5664

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-143



10

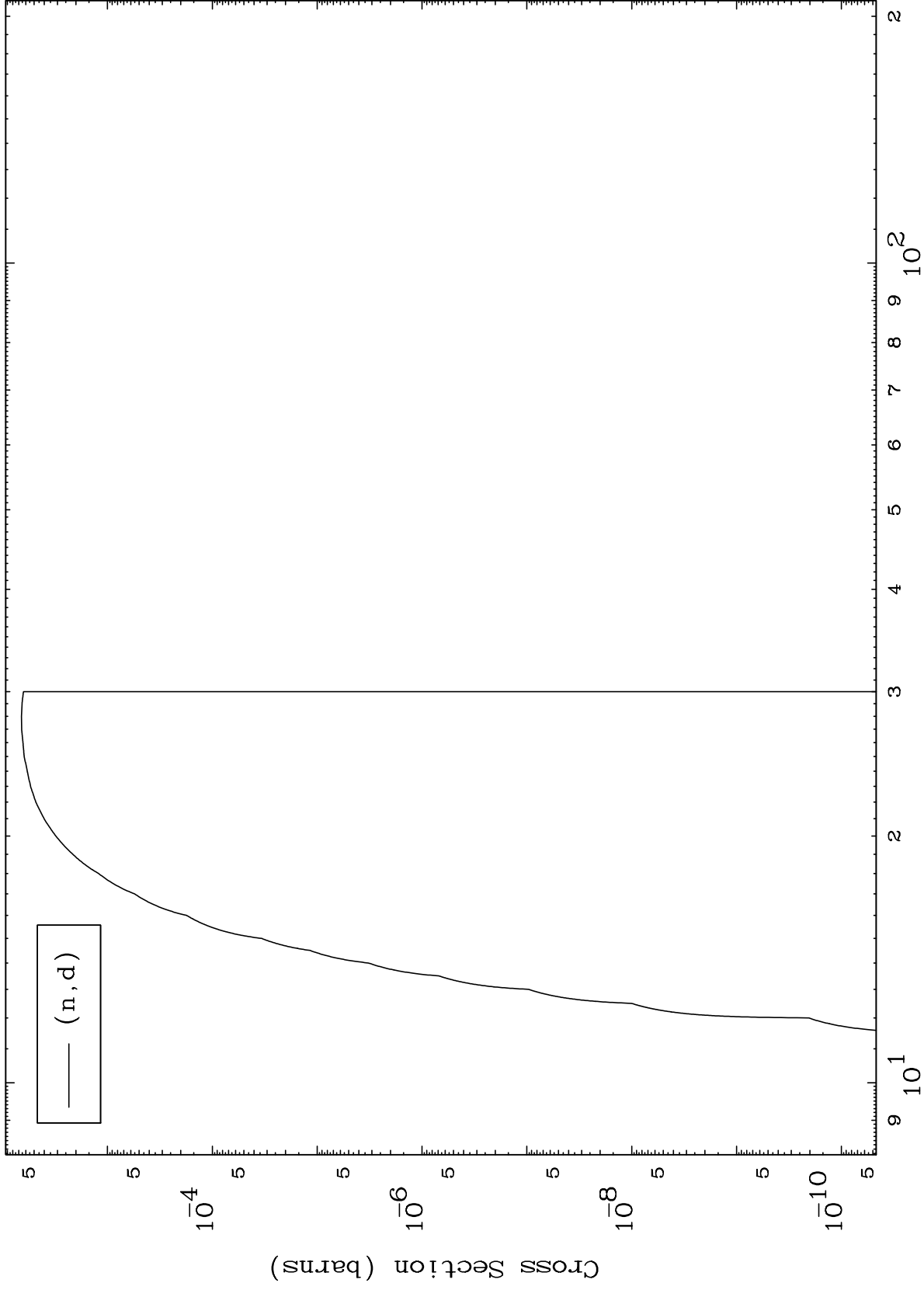
Incident Energy (MeV)

56-Ba-143

MAT 5664

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-143



11

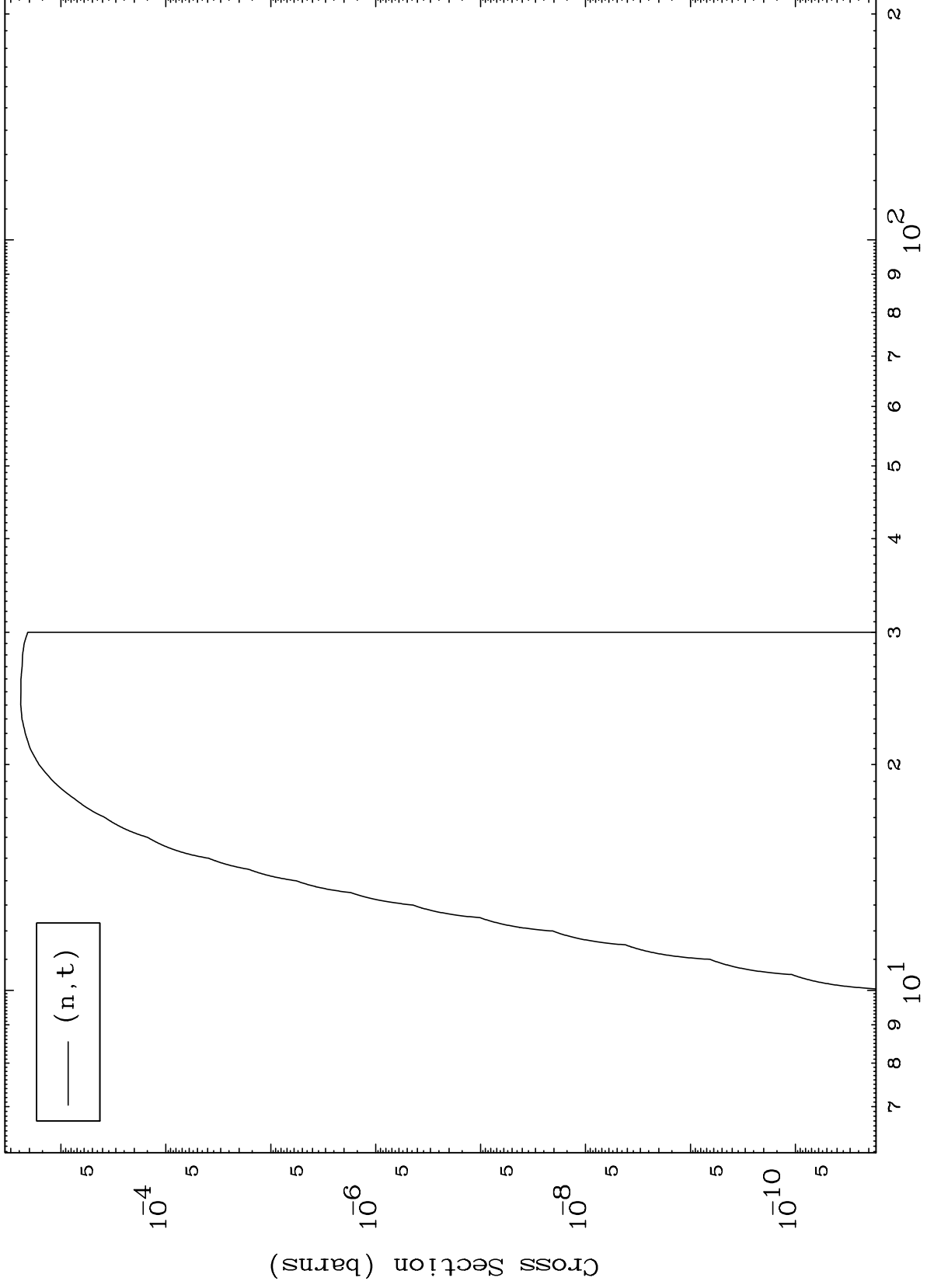
Incident Energy (MeV)

56-Ba-143

MAT 5664

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-143



12

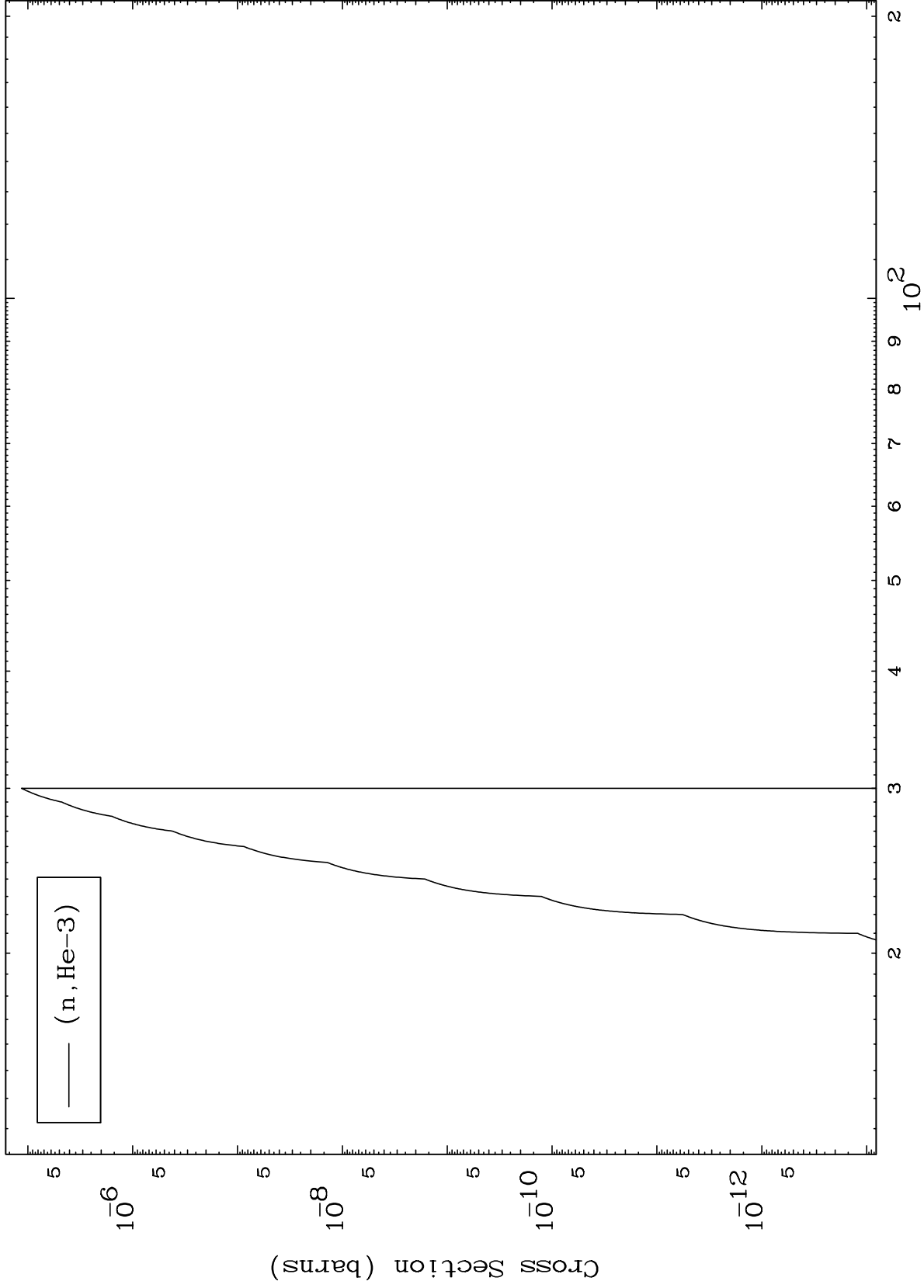
Incident Energy (MeV)

56-Ba-143

MAT 5664

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-143



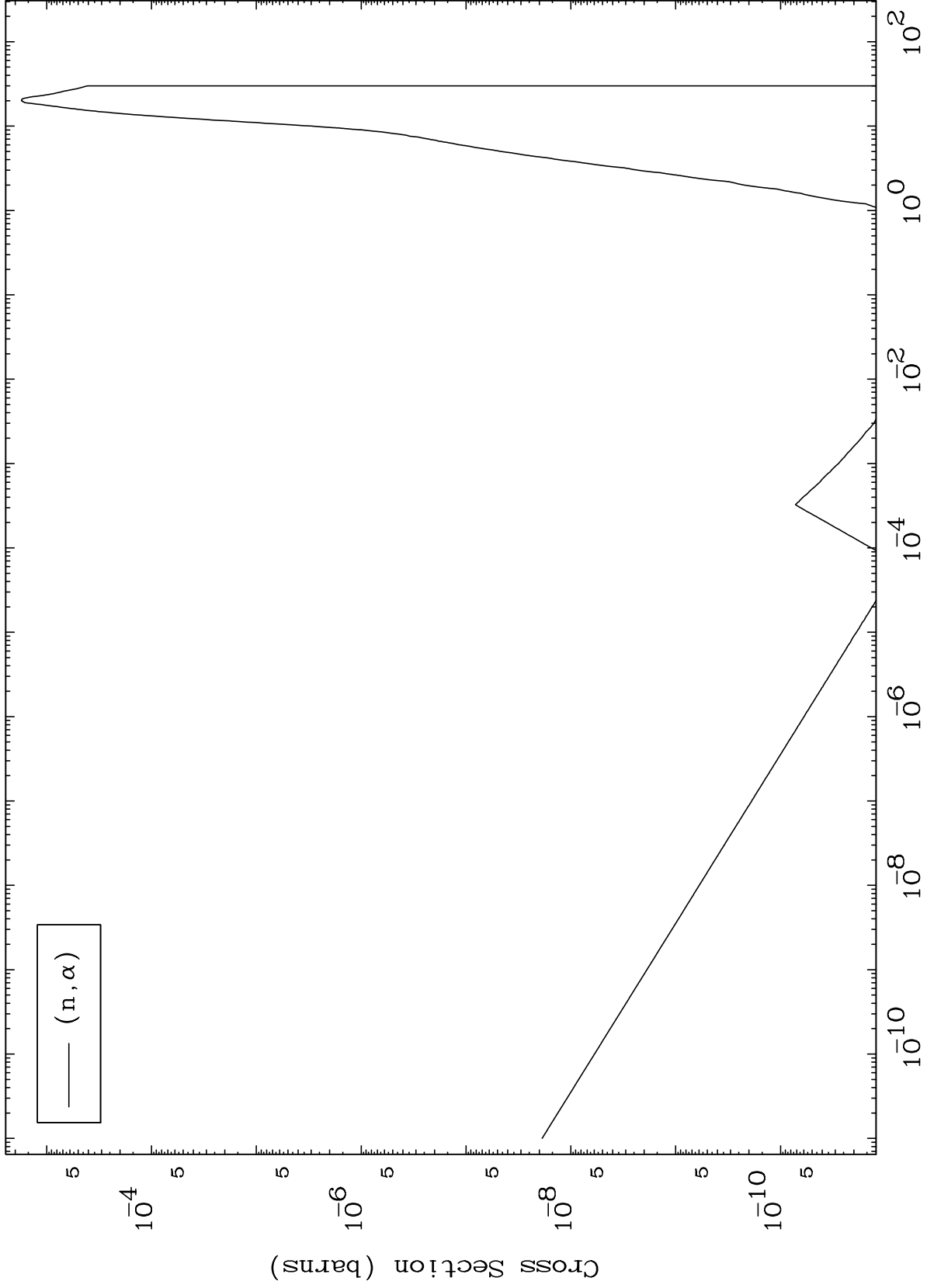
13

56-Ba-143

MAT 5664

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

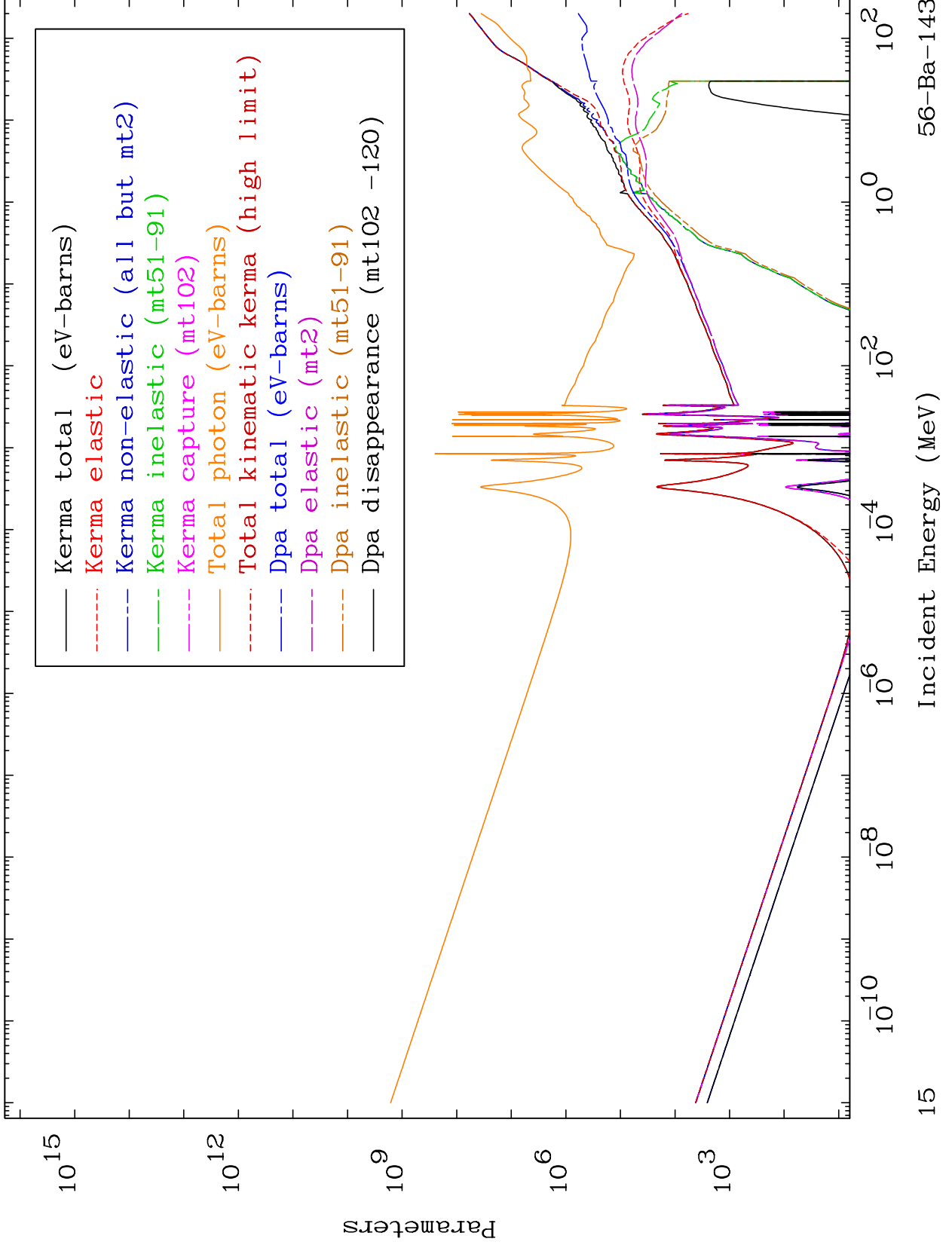
56-Ba-143



14

Incident Energy (MeV)

56-Ba-143

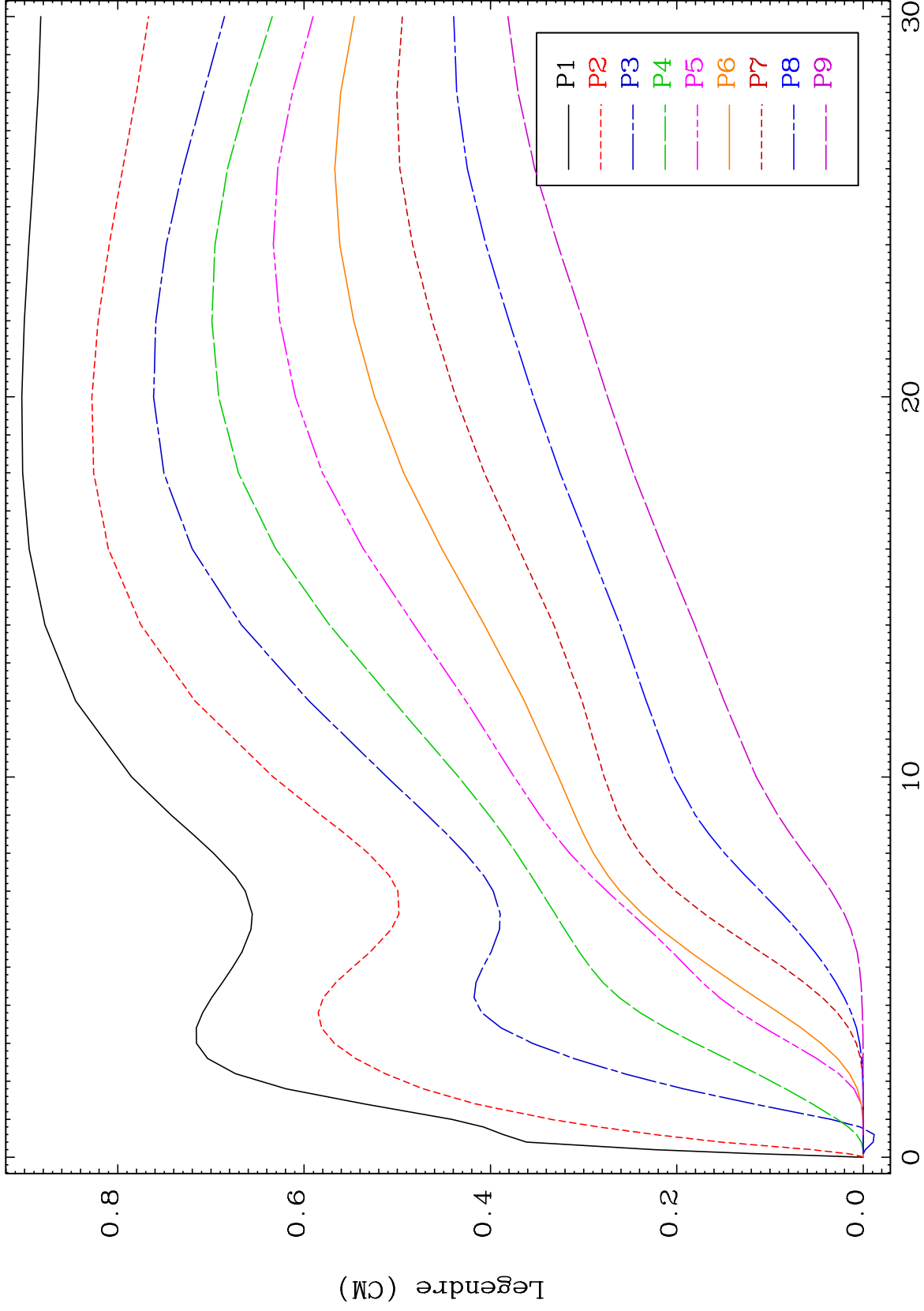




MAT 5664

Elastic Legendre Coefficients

56-Ba-143



16

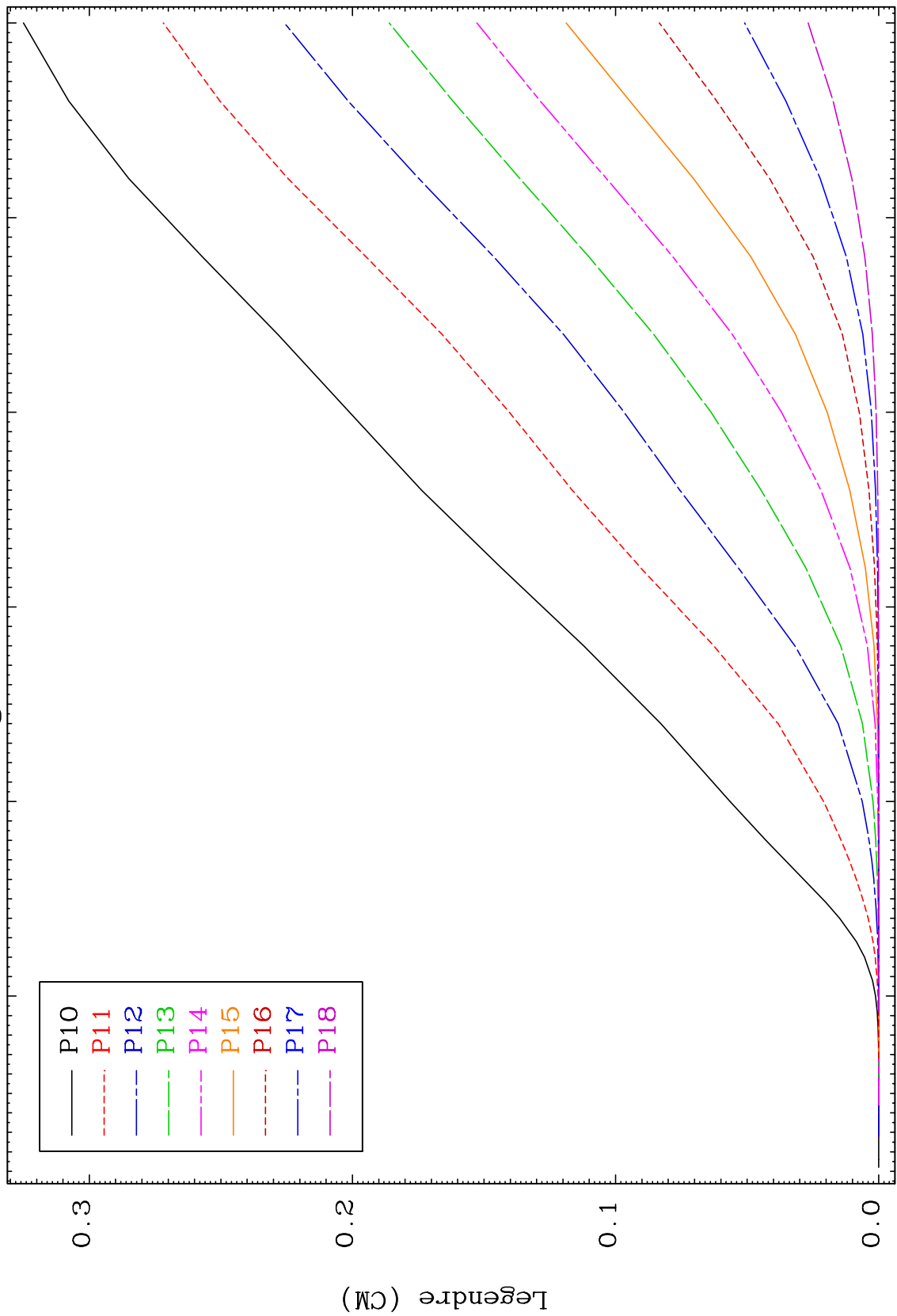
Incident Energy (MeV)

56-Ba-143

MAT 5664

Elastic Legendre Coefficients

56-Ba-143



17

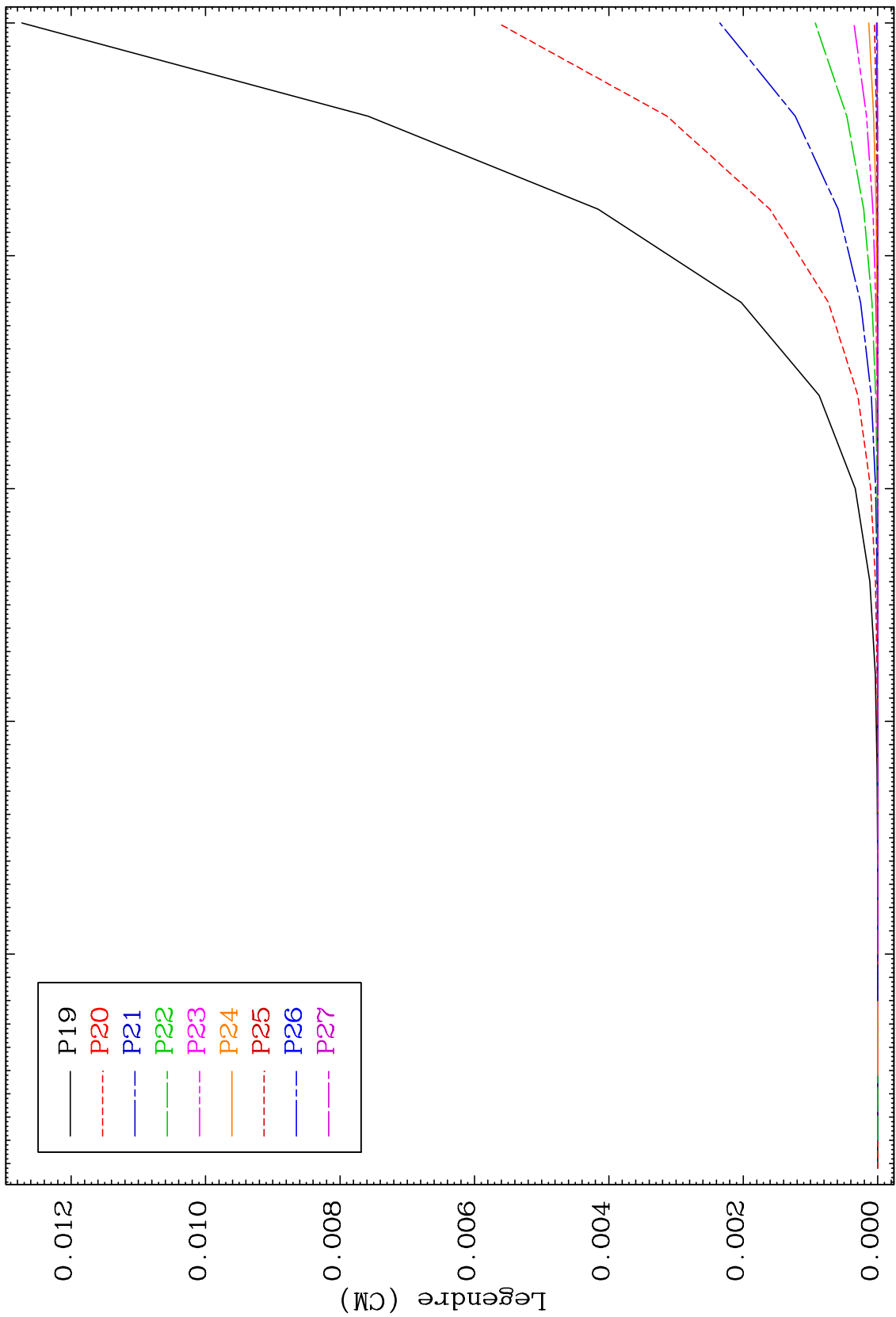
56-Ba-143

Incident Energy (MeV)

MAT 5664

### Elastic Legendre Coefficients

56-Ba-143



18

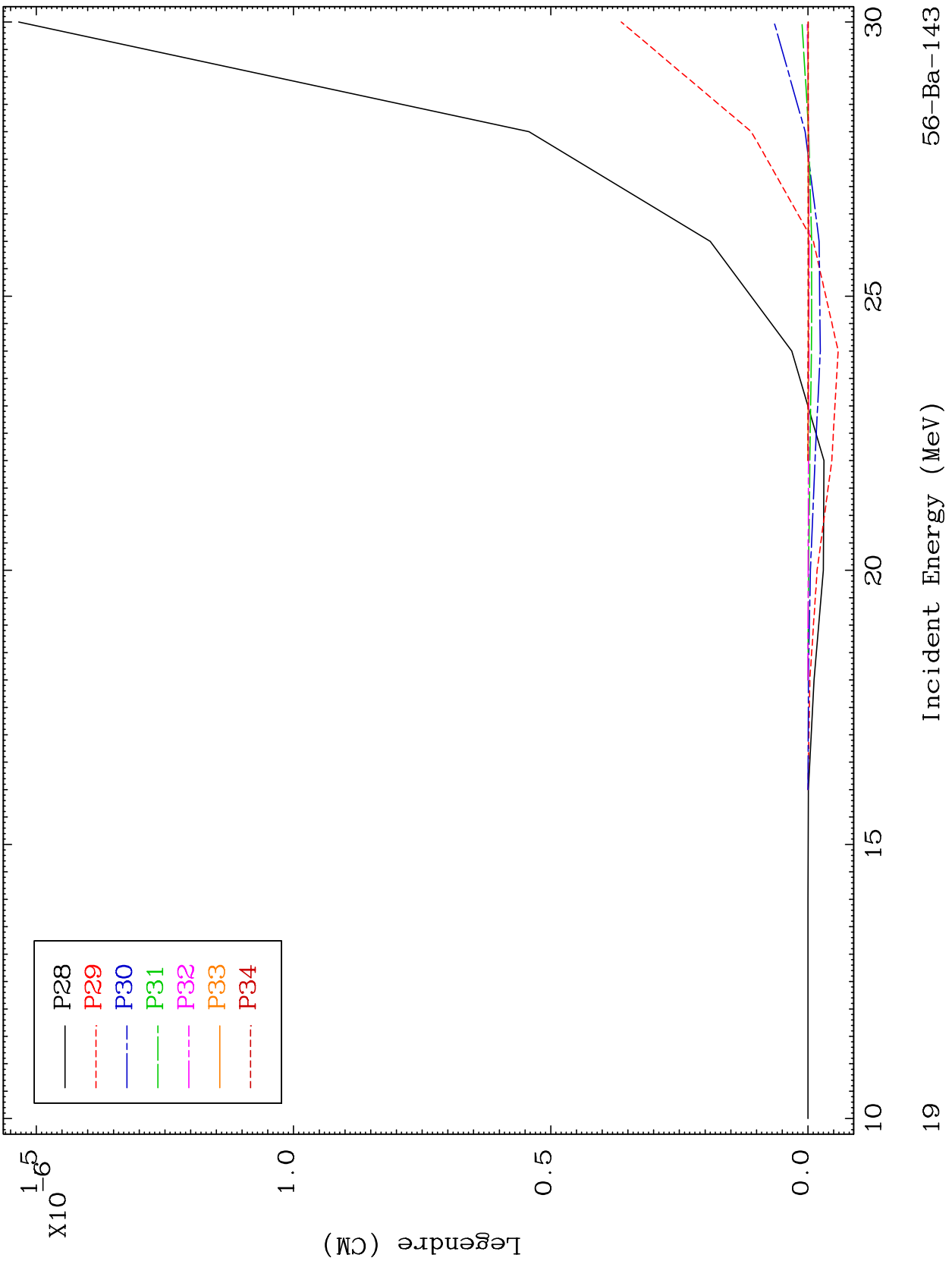
Incident Energy (MeV)

56-Ba-143

MAT 5664

Elastic Legendre Coefficients

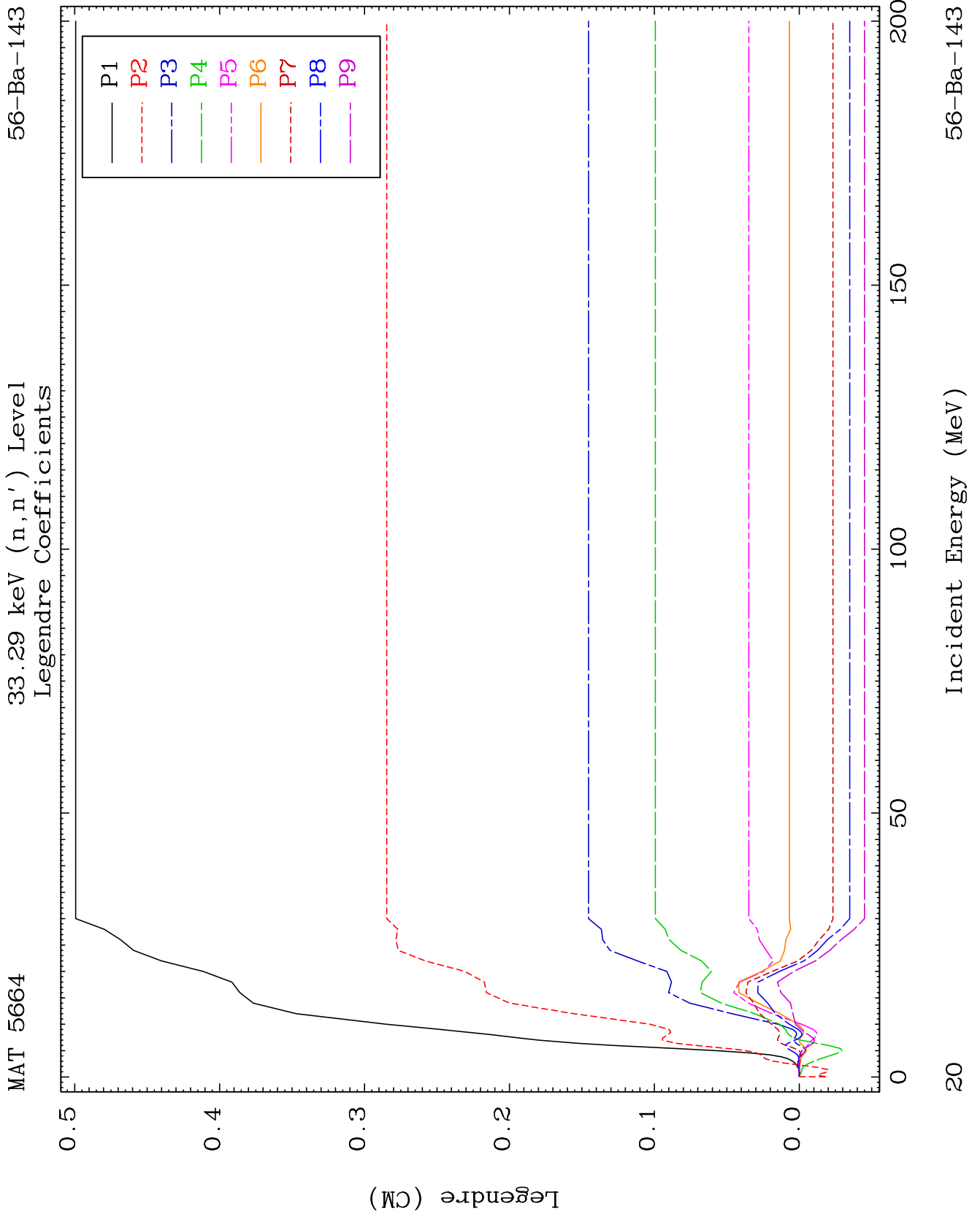
56-Ba-143



56-Ba-143

Incident Energy (MeV)

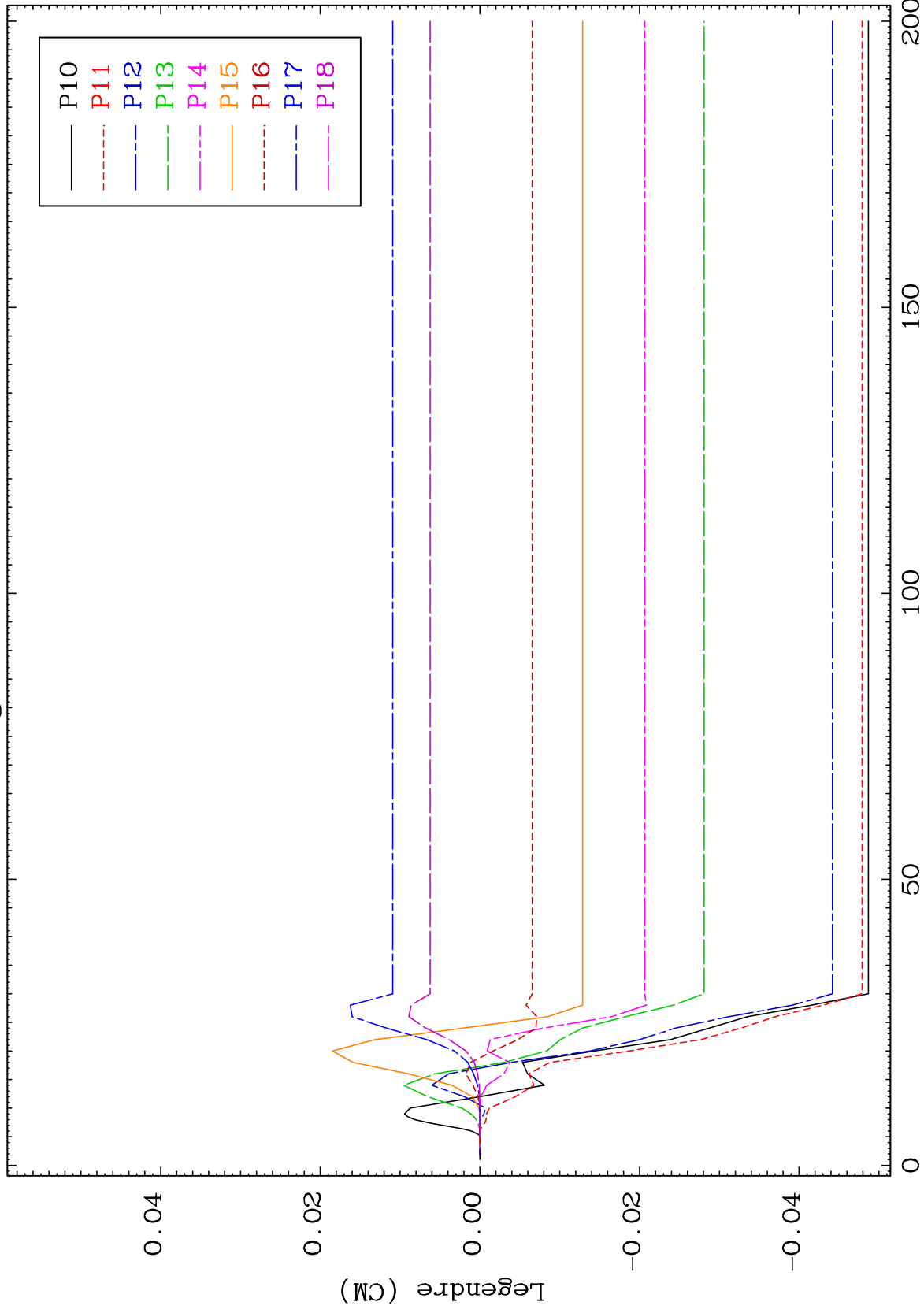
19



MAT 5664

33.29 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



21

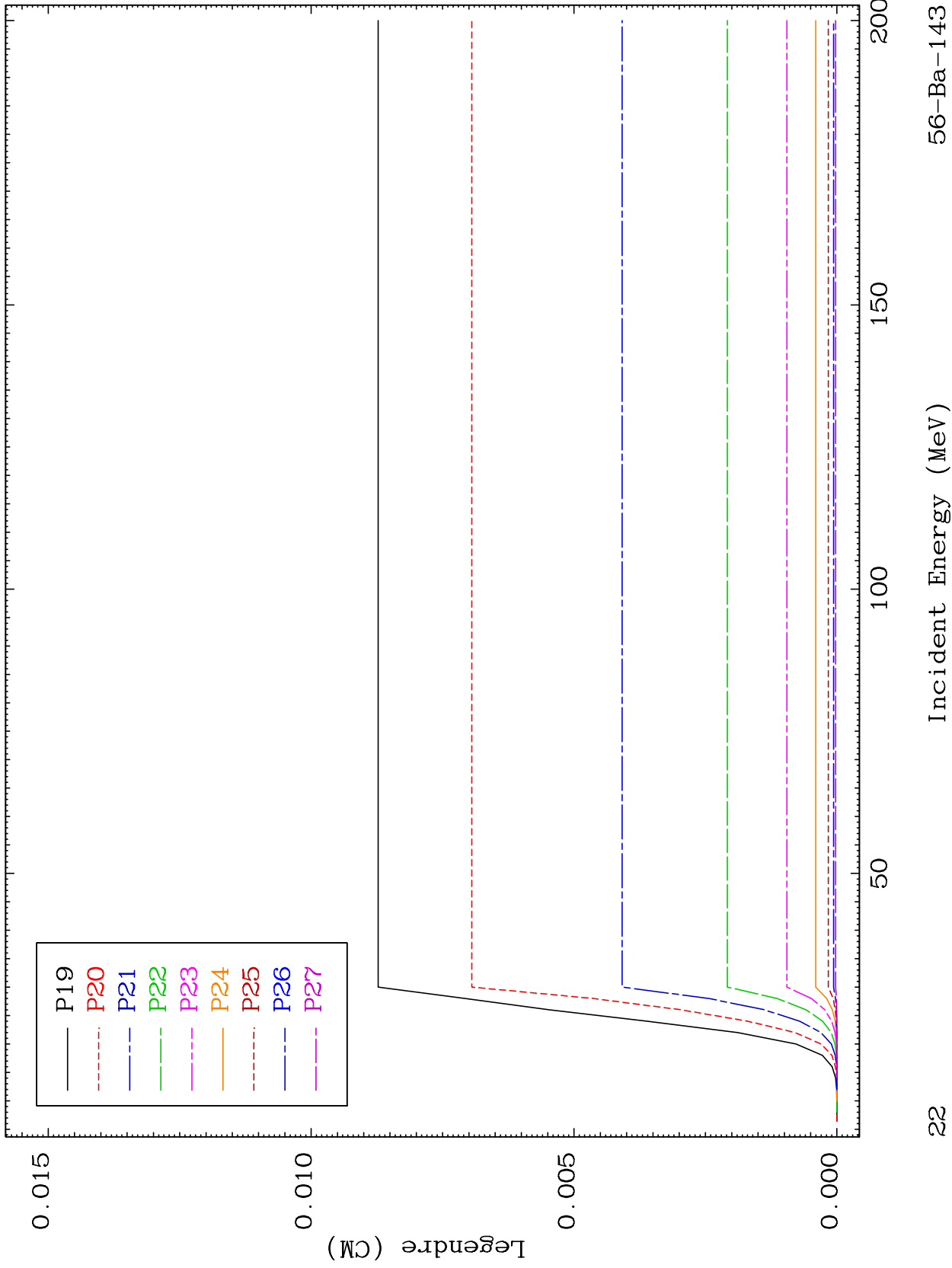
Incident Energy (MeV)

56-Ba-143

MAT 5664

33.29 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



22

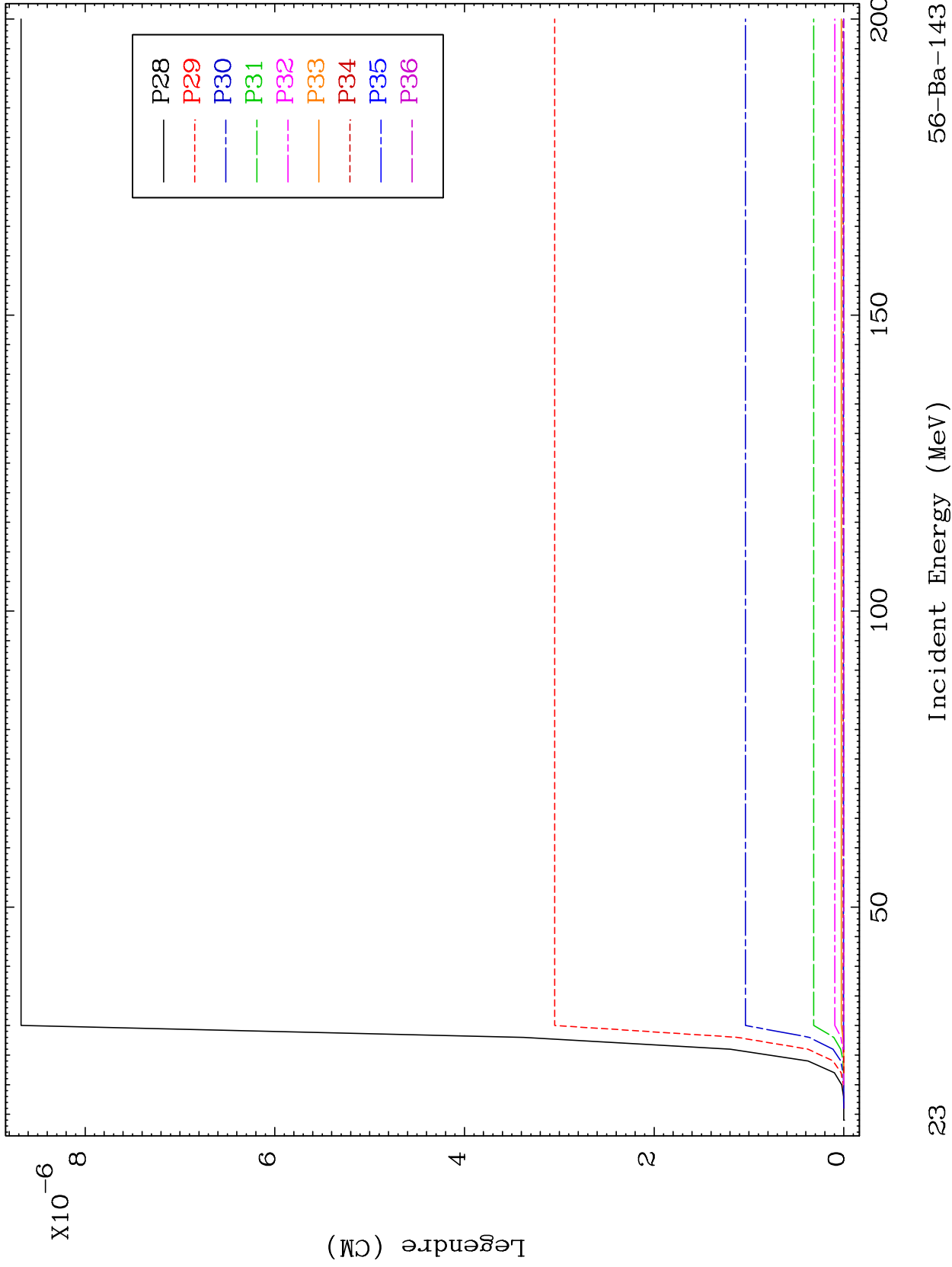
Incident Energy (MeV)

56-Ba-143

MAT 5664

33.29 keV (n, n') Level  
Legendre Coefficients

56-Ba-143



23

Incident Energy (MeV)

56-Ba-143

200

150

100

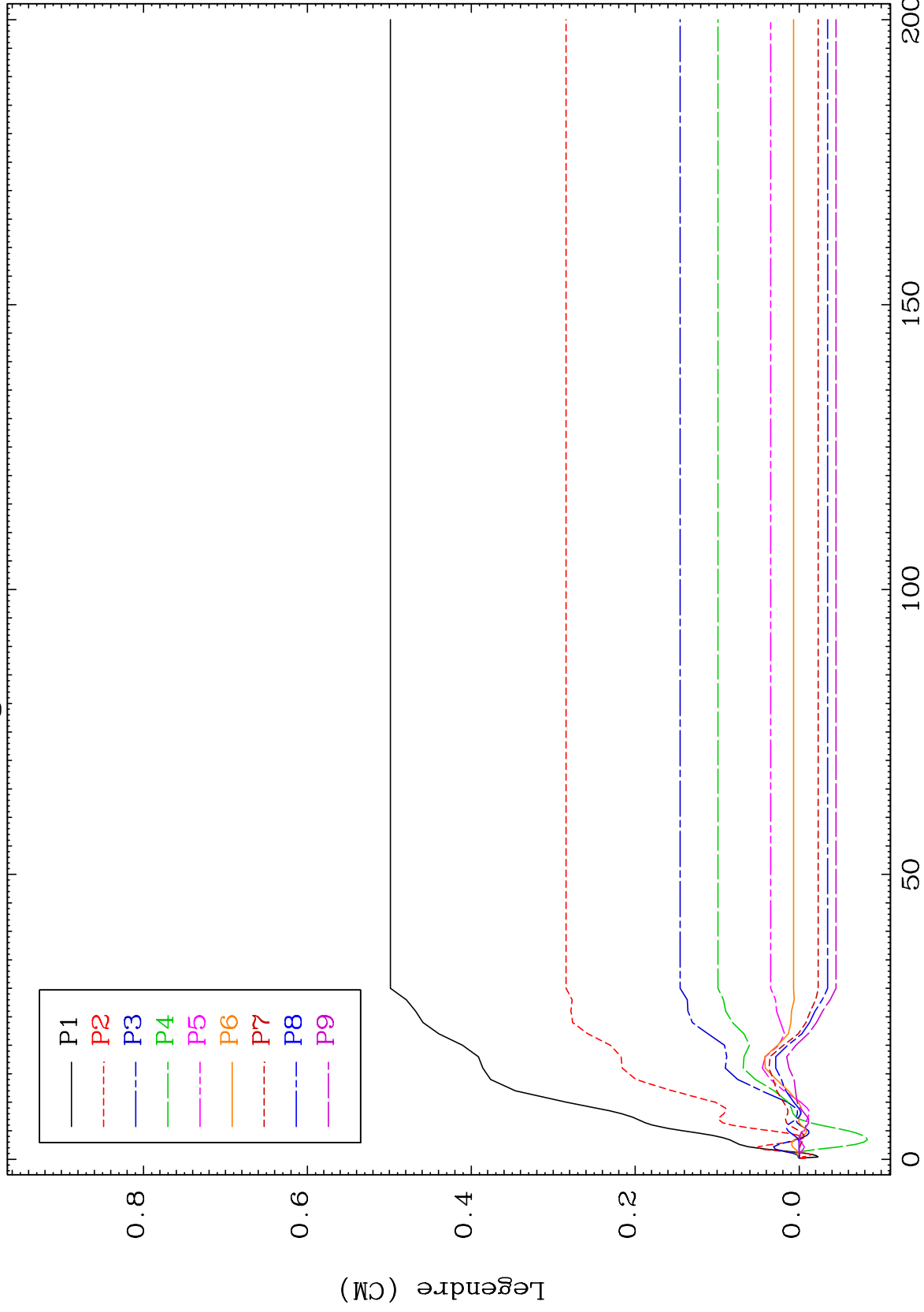
50



MAT 5664

117.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

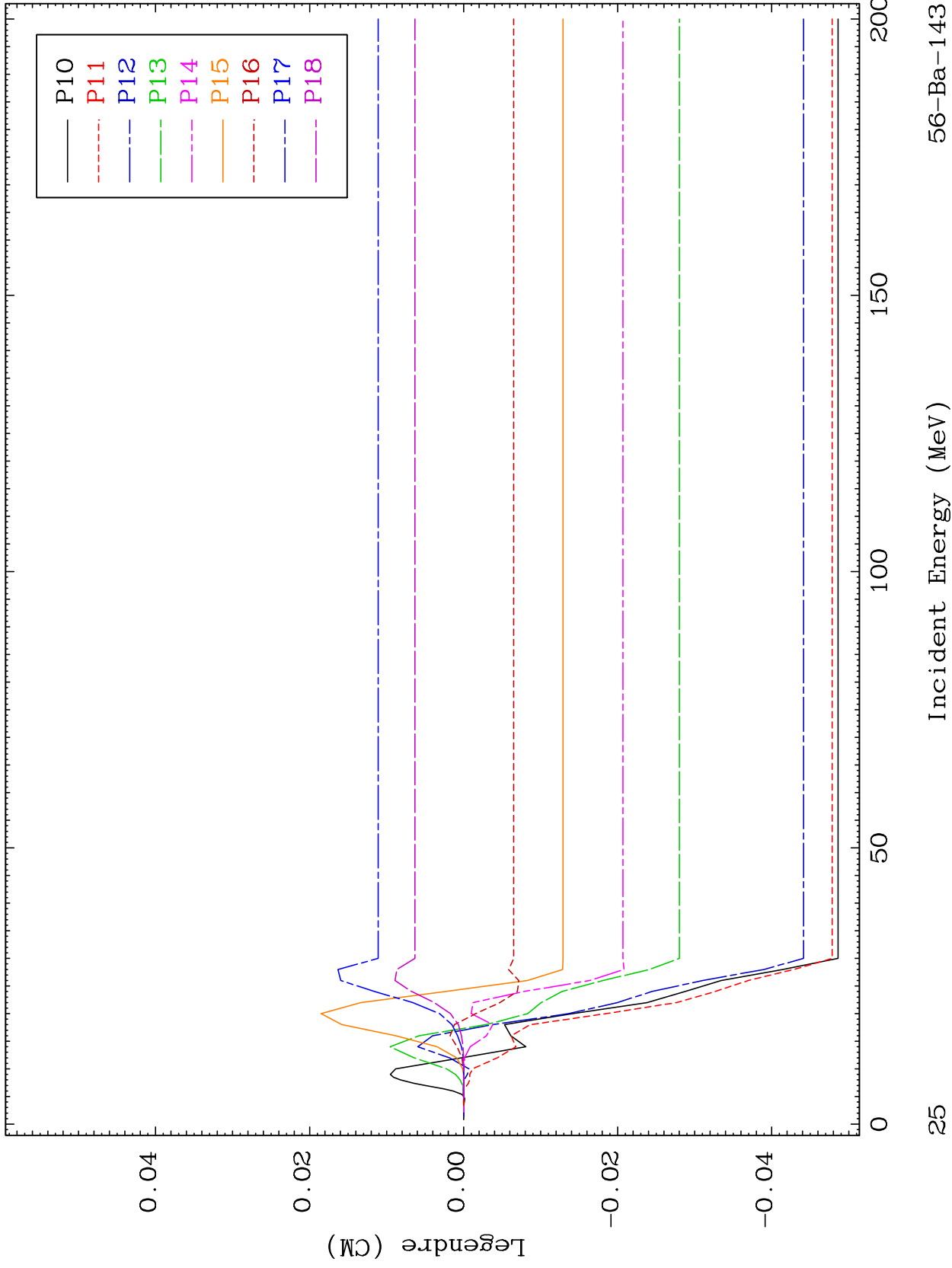
Incident Energy (MeV)

24

MAT 5664

117.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

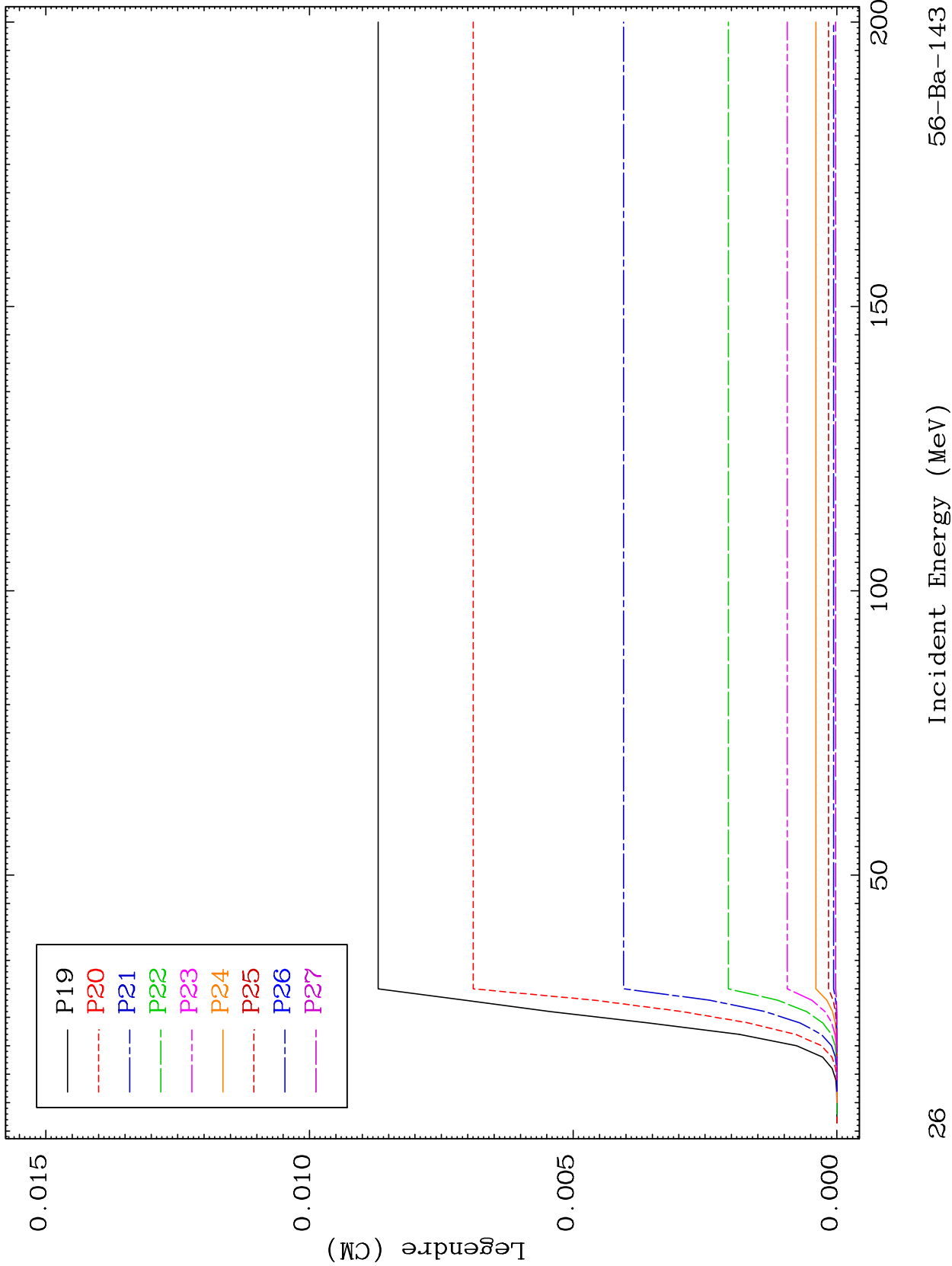
Incident Energy (MeV)

25

MAT 5664

117.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



26

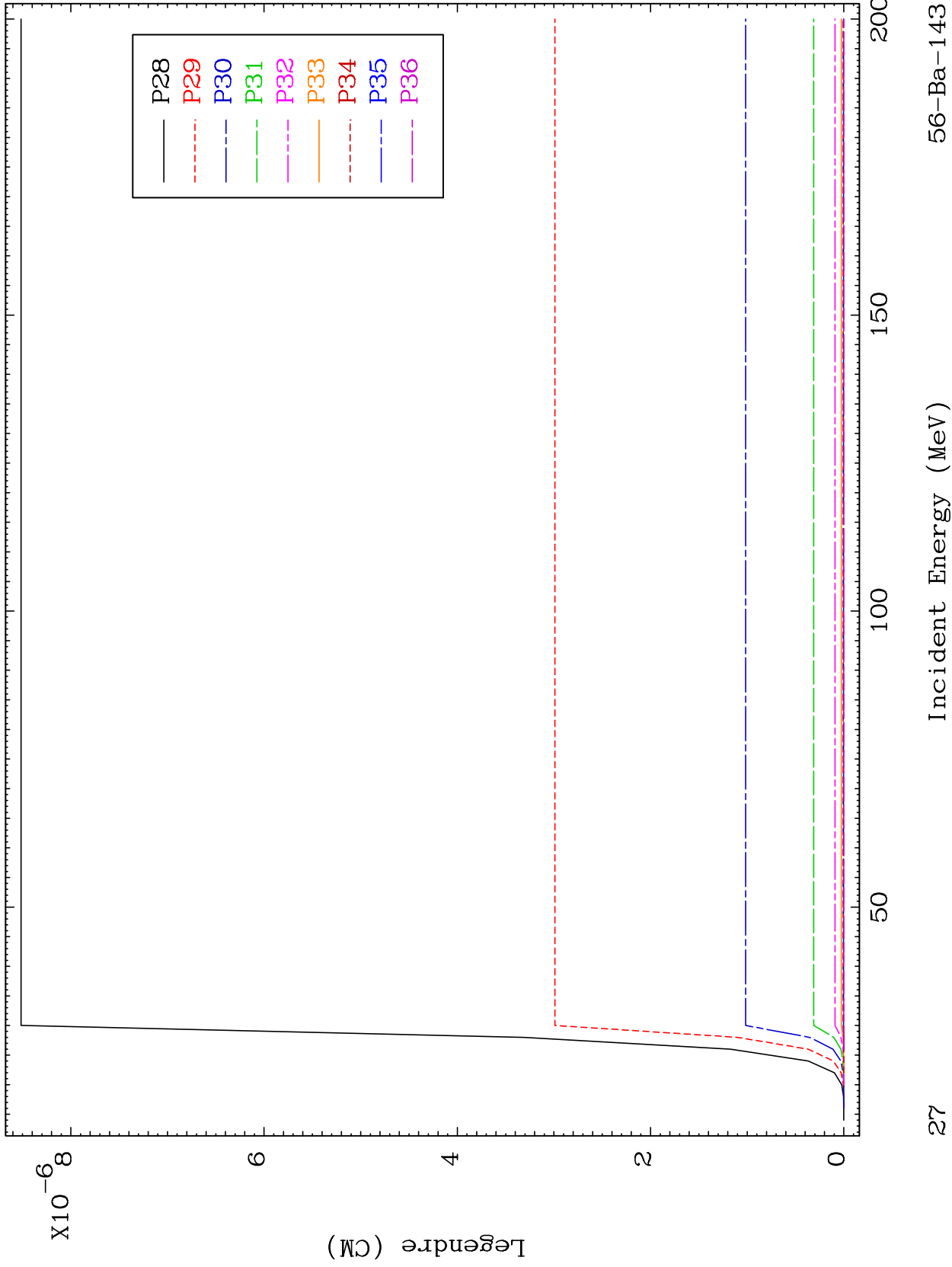
Incident Energy (MeV)

56-Ba-143

MAT 5664

117.4 keV (n,n') Level  
Legendre Coefficients

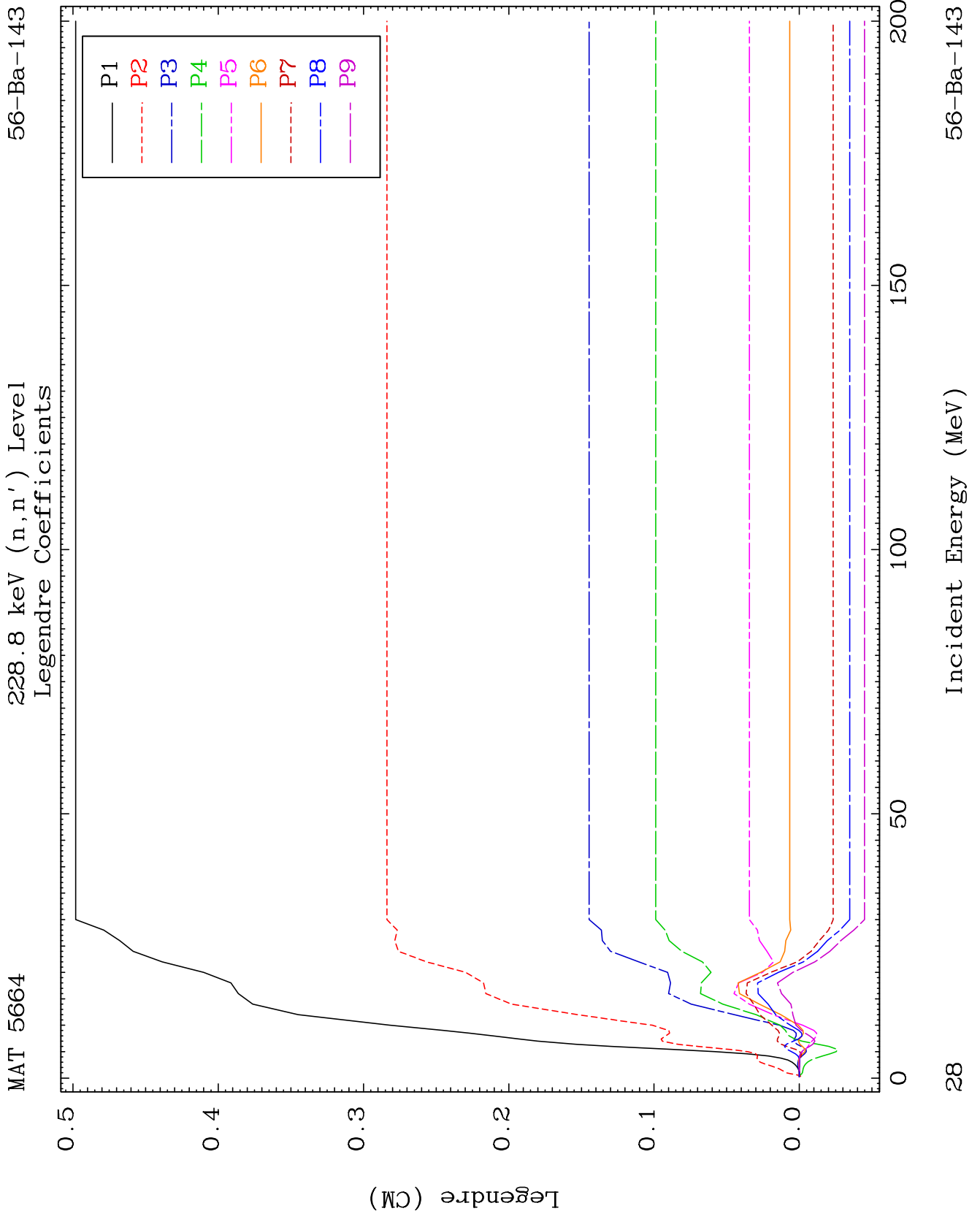
56-Ba-143



27

Incident Energy (MeV)

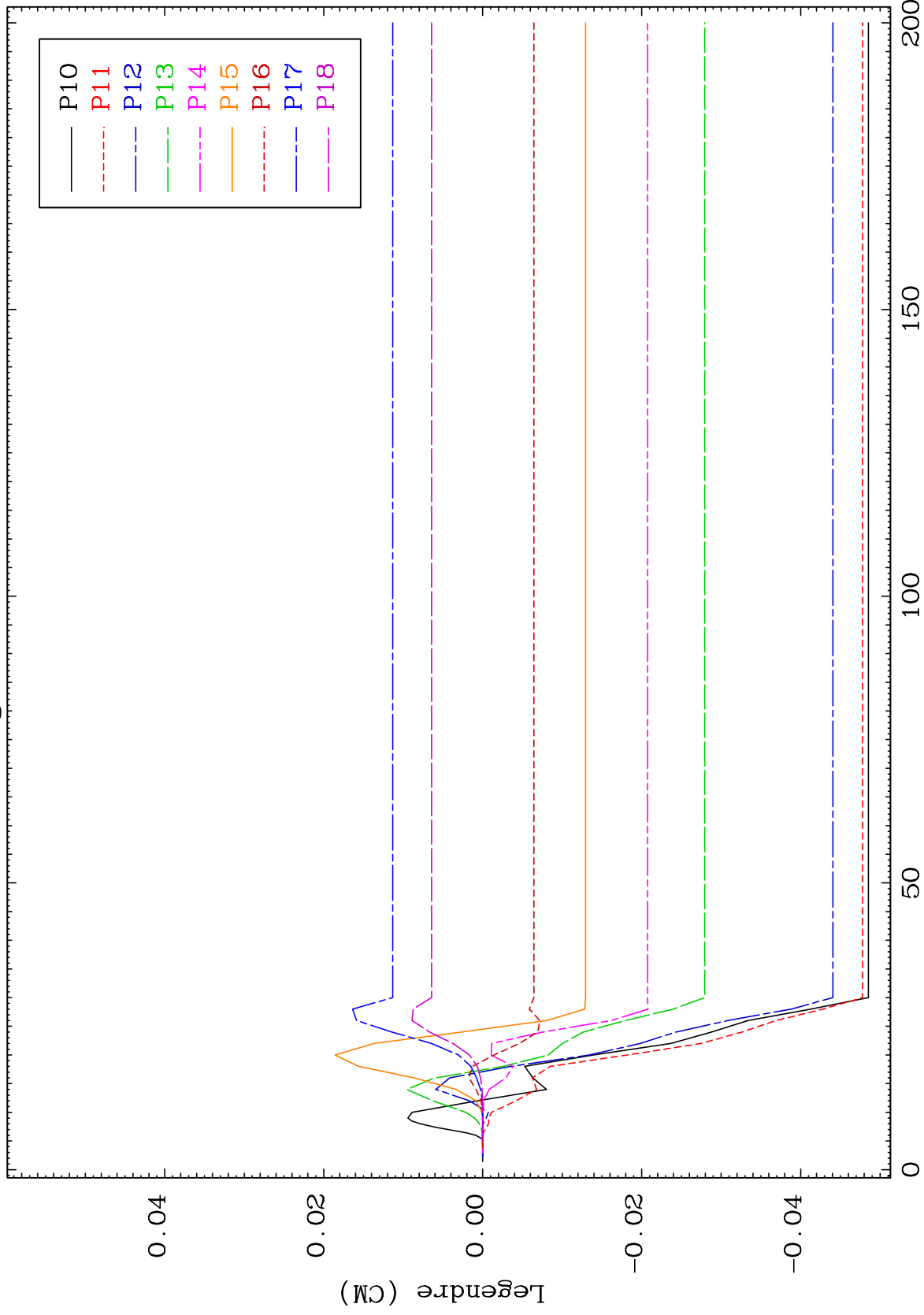
56-Ba-143



MAT 5664

228.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



29

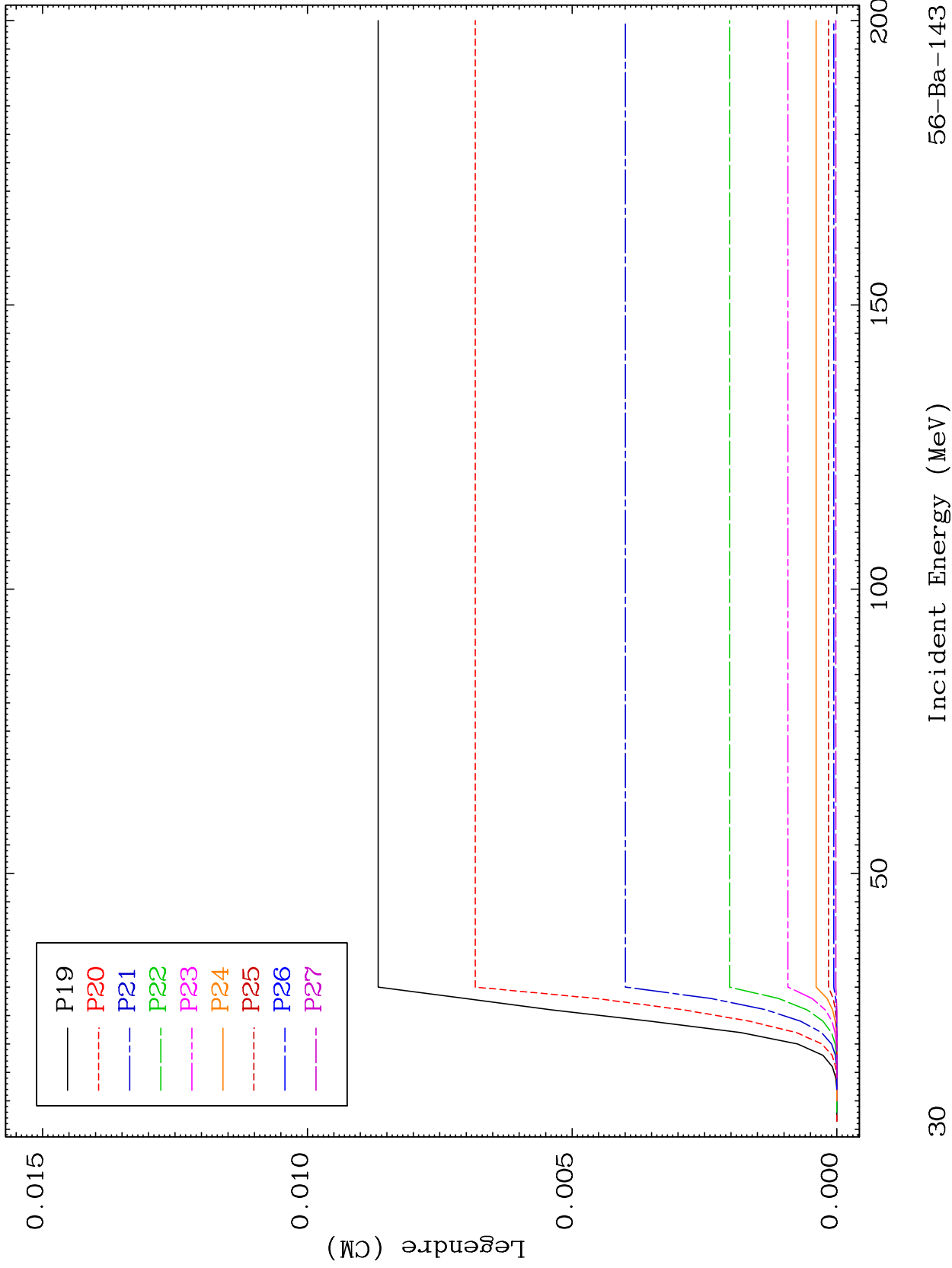
Incident Energy (MeV)

56-Ba-143

MAT 5664

228.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

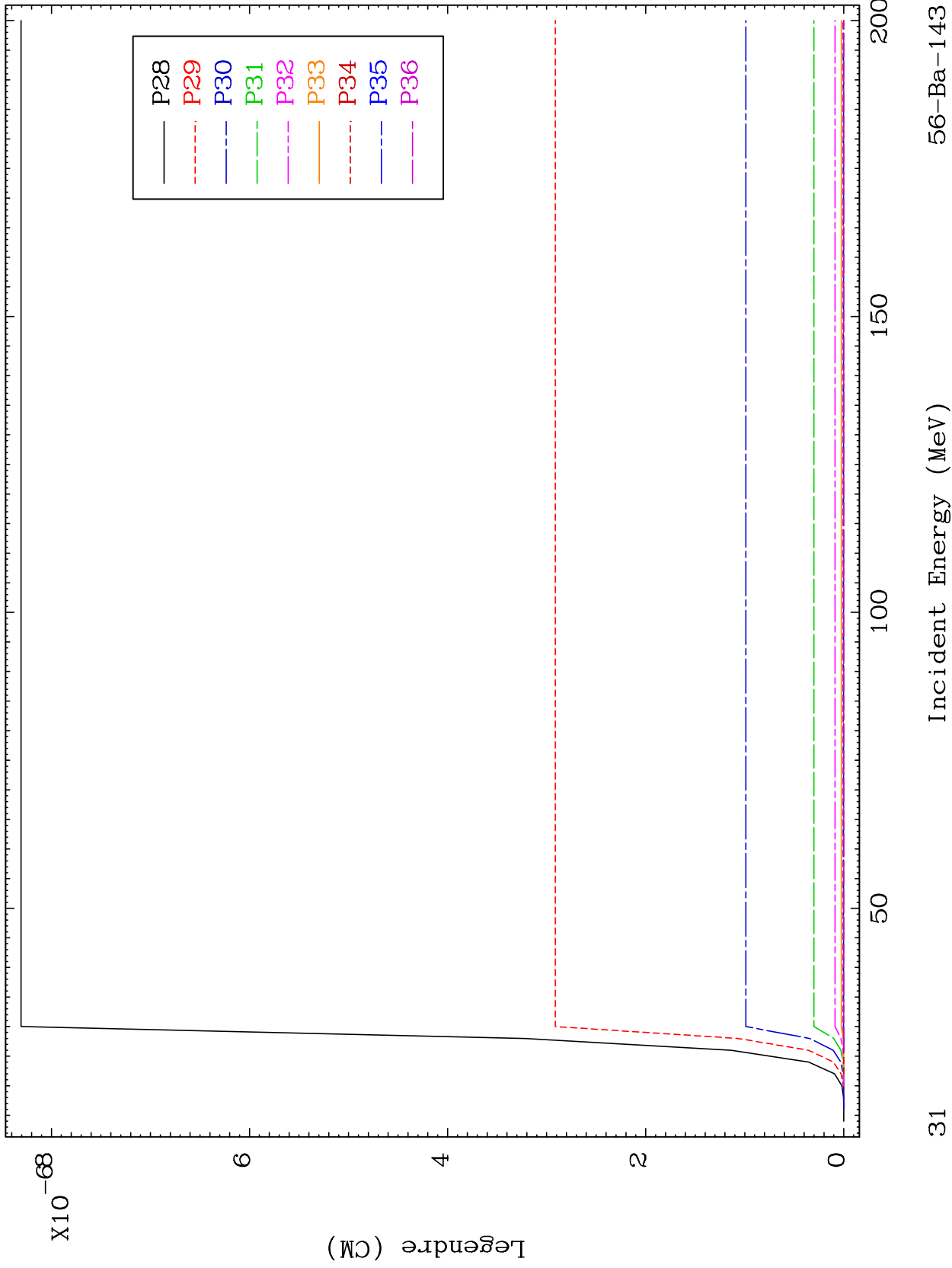
Incident Energy (MeV)

30

MAT 5664

228.8 keV (n, n') Level  
Legendre Coefficients

56-Ba-143

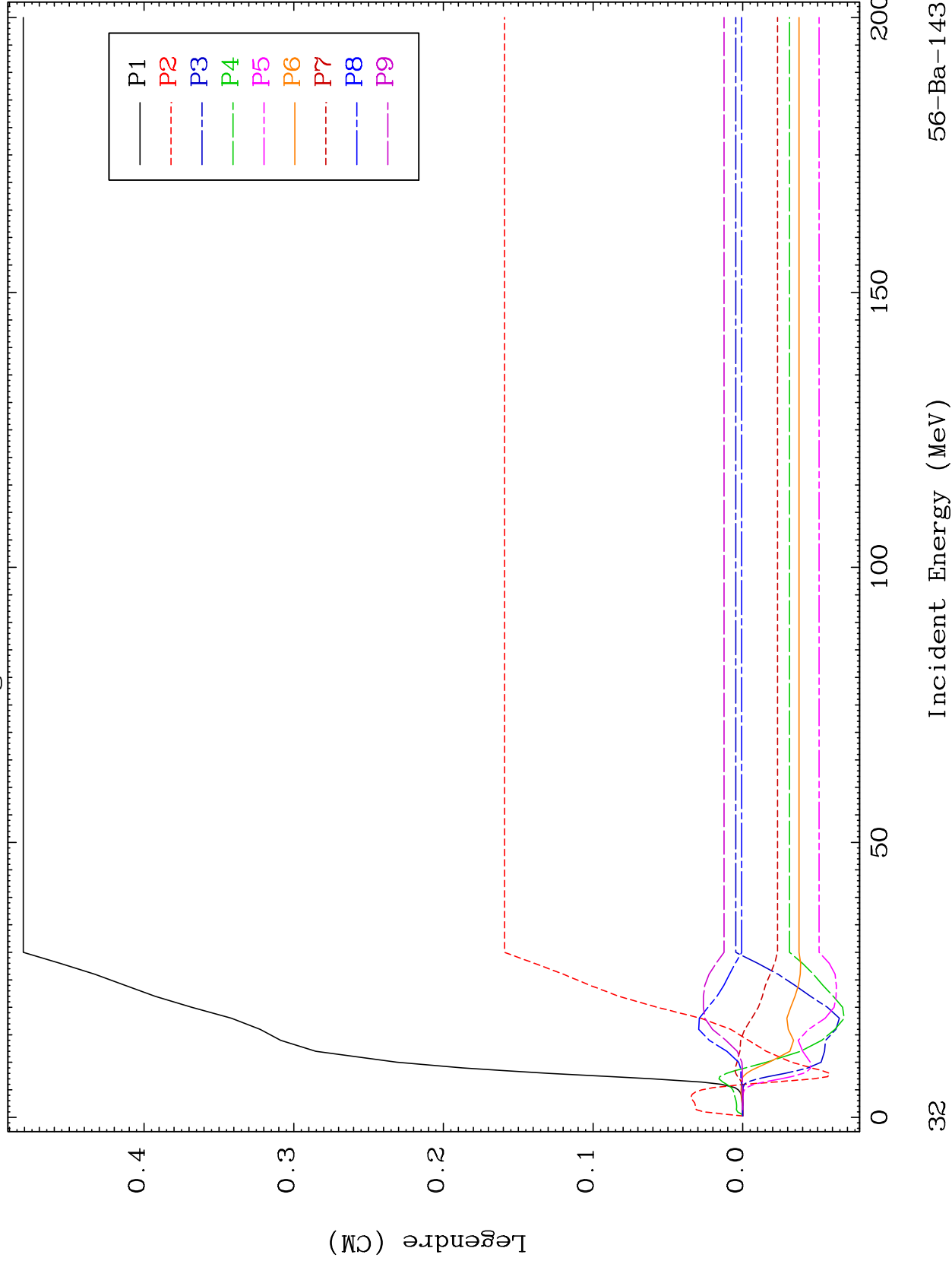




MAT 5664

232.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

Incident Energy (MeV)

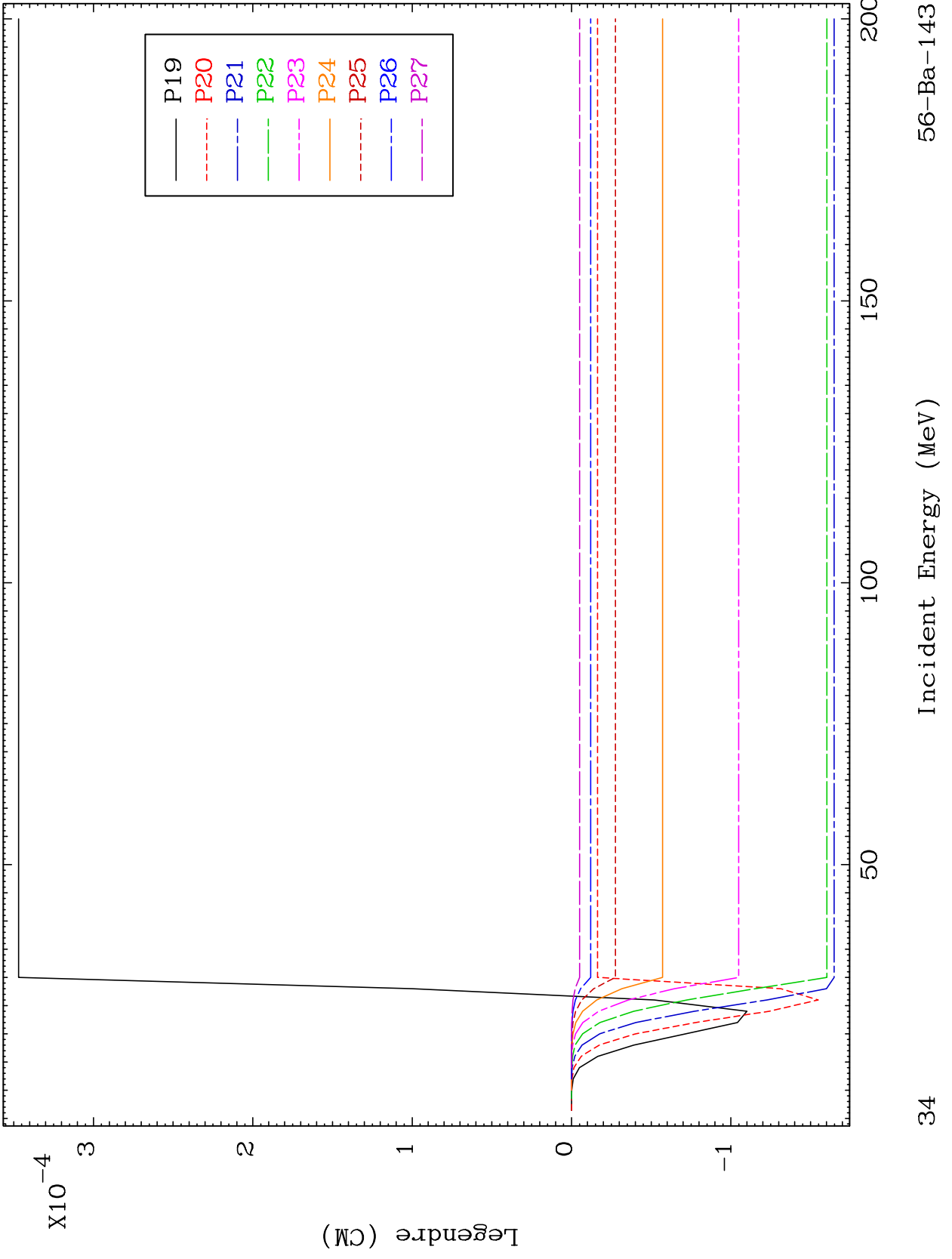
32



MAT 5664

232.4 keV (n,n') Level  
Legendre Coefficients

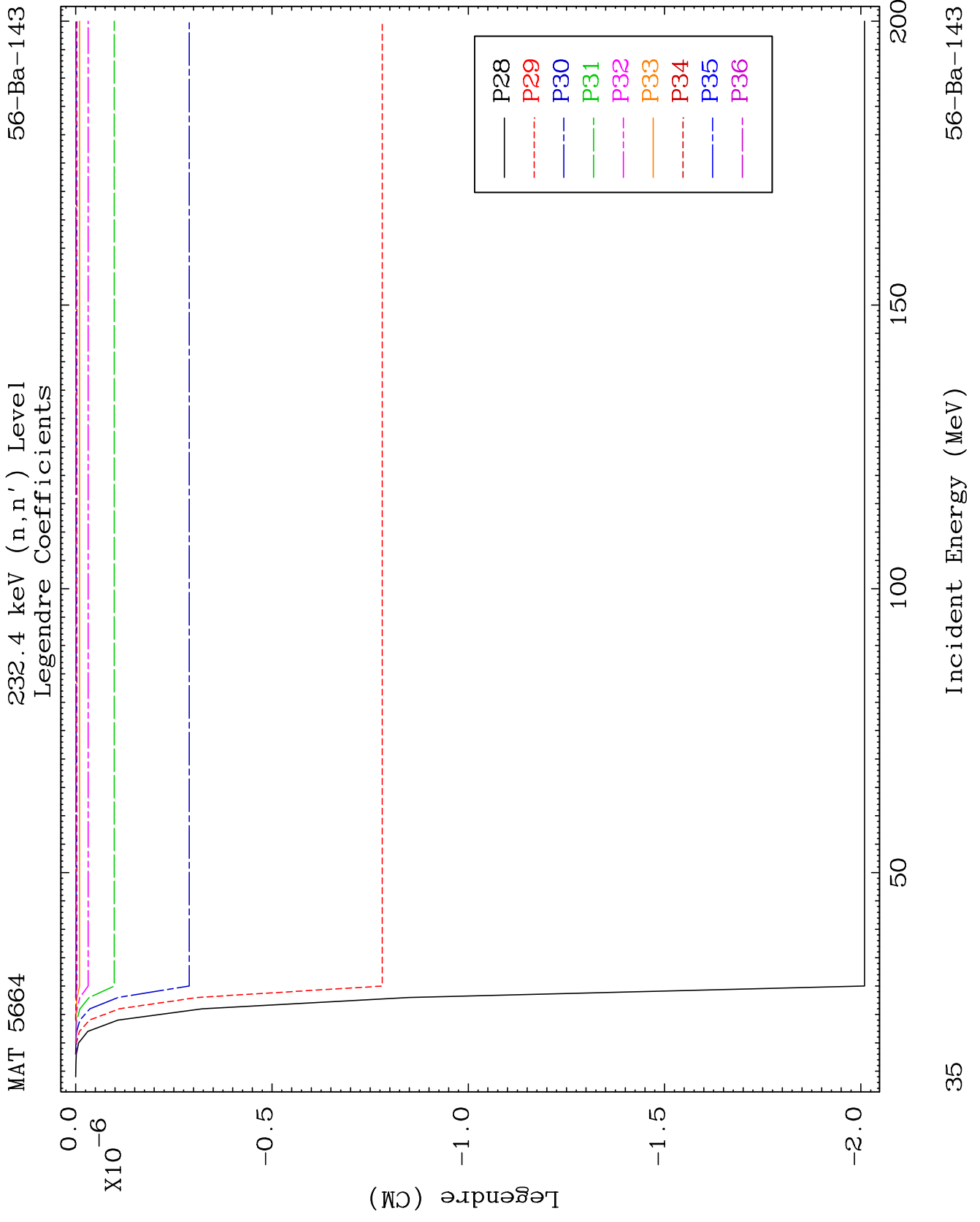
56-Ba-143



34

Incident Energy (MeV)

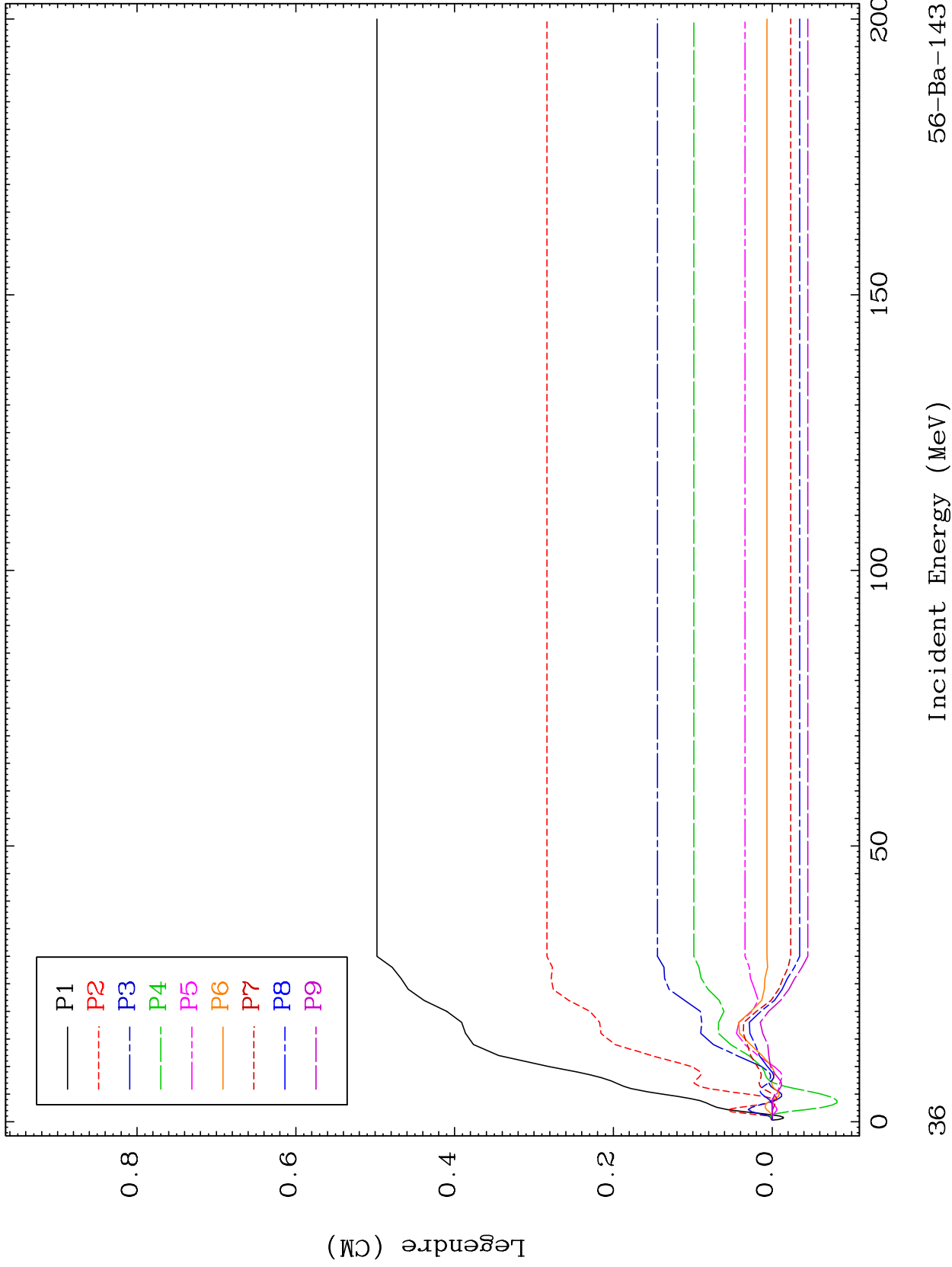
56-Ba-143



MAT 5664

263.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

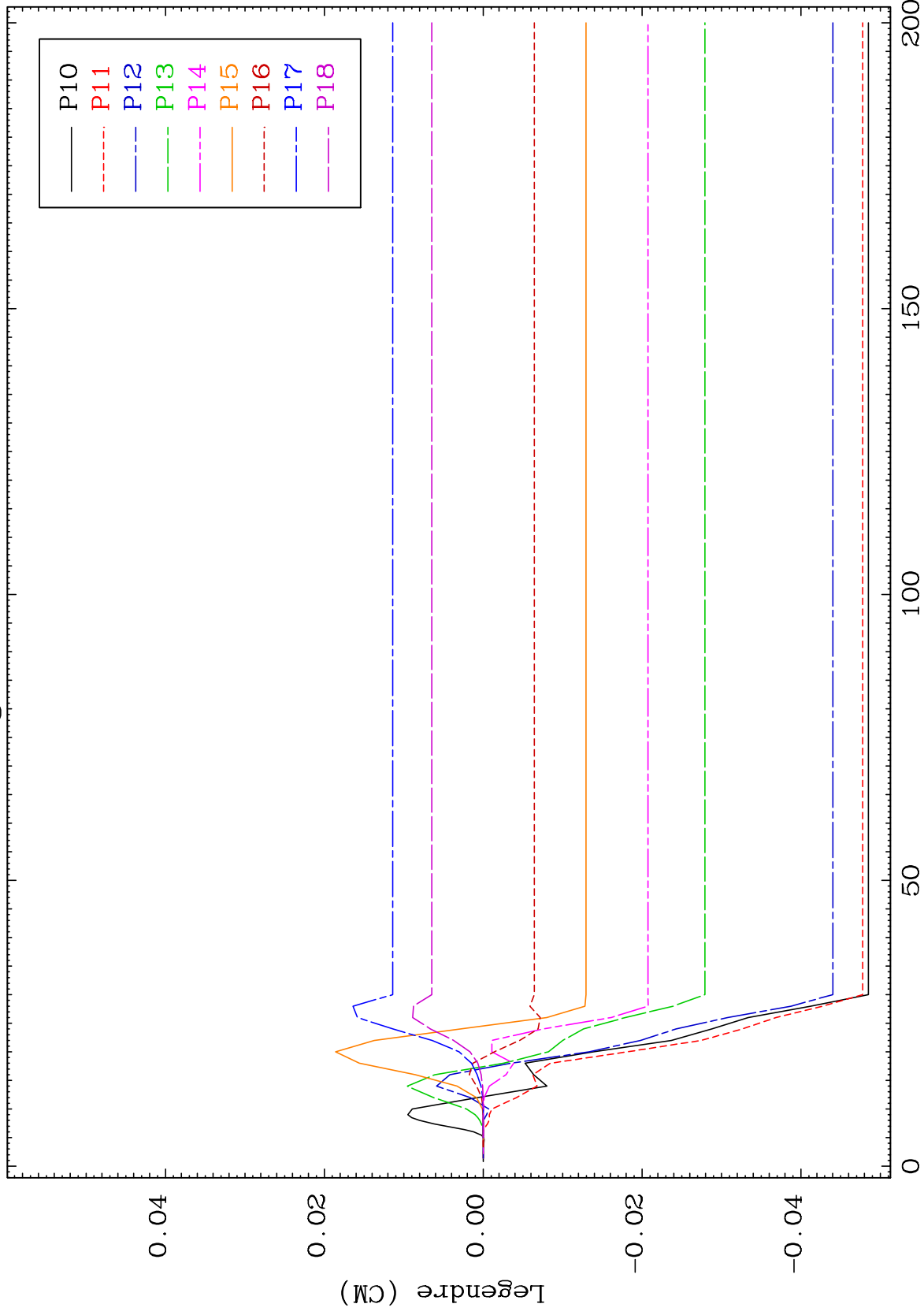
Incident Energy (MeV)

36

MAT 5664

263.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



37

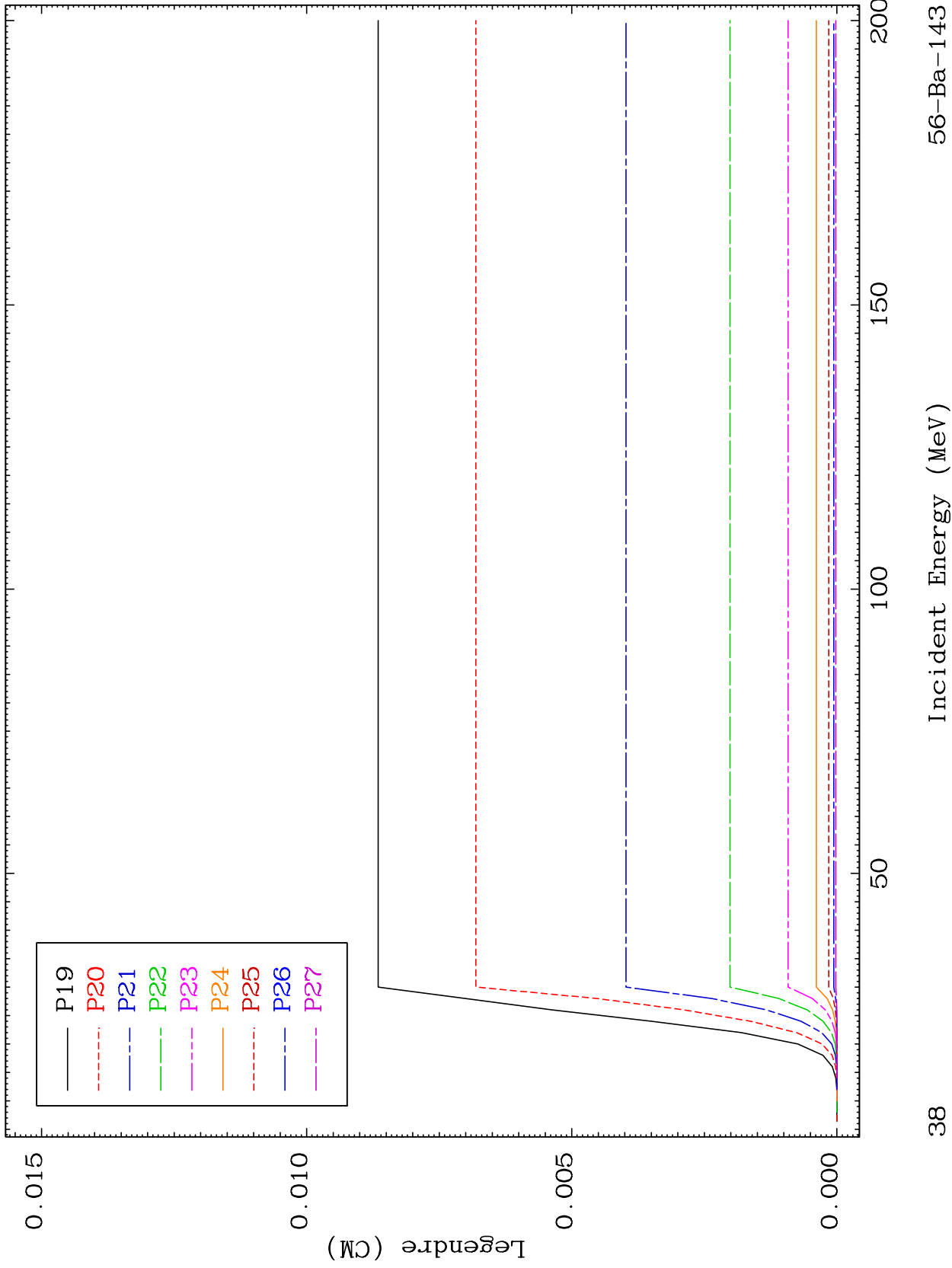
Incident Energy (MeV)

56-Ba-143

MAT 5664

263.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



38

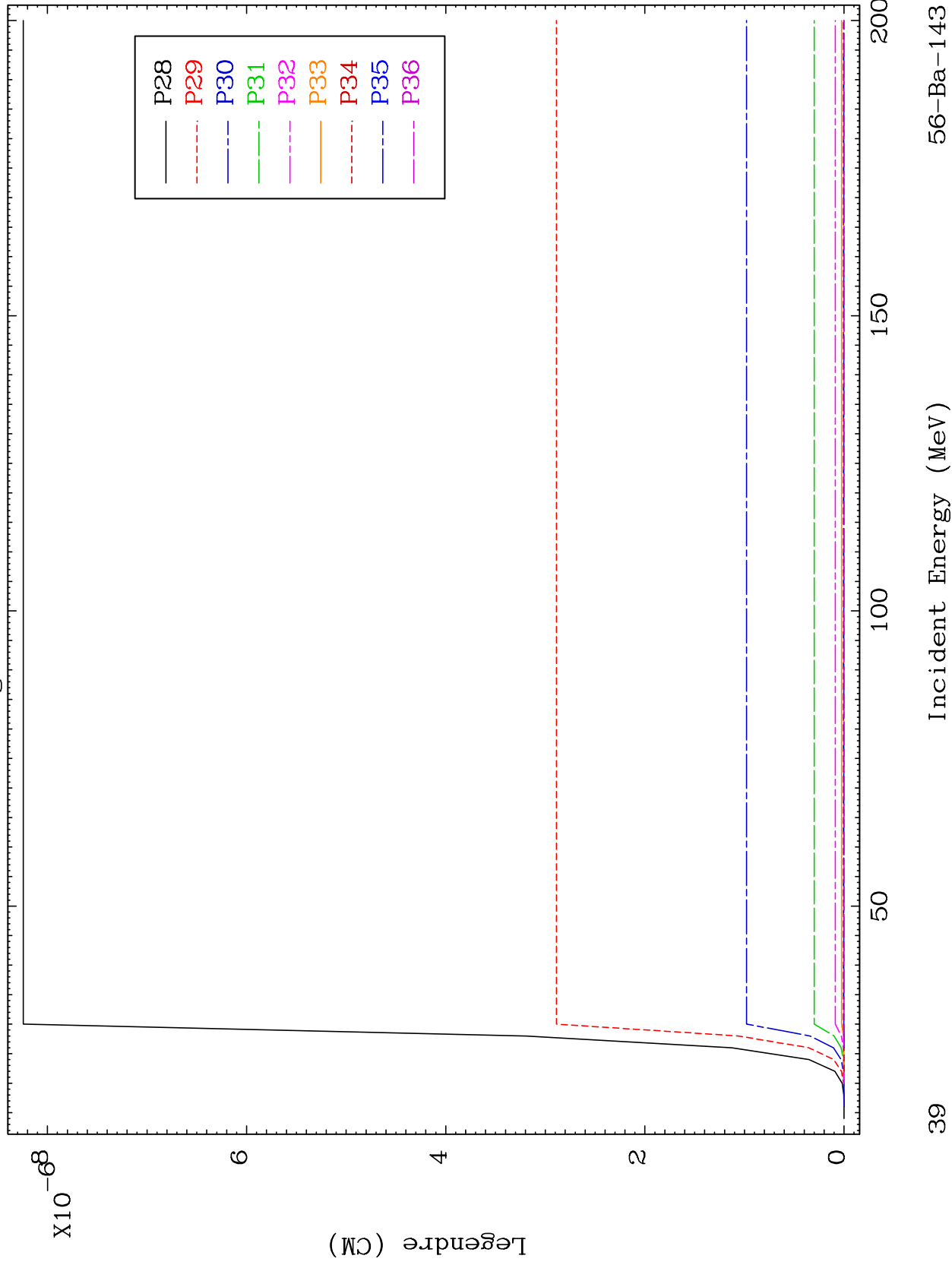
56-Ba-143

Incident Energy (MeV)

MAT 5664

263.4 keV (n, n') Level  
Legendre Coefficients

56-Ba-143



39

Incident Energy (MeV)

56-Ba-143



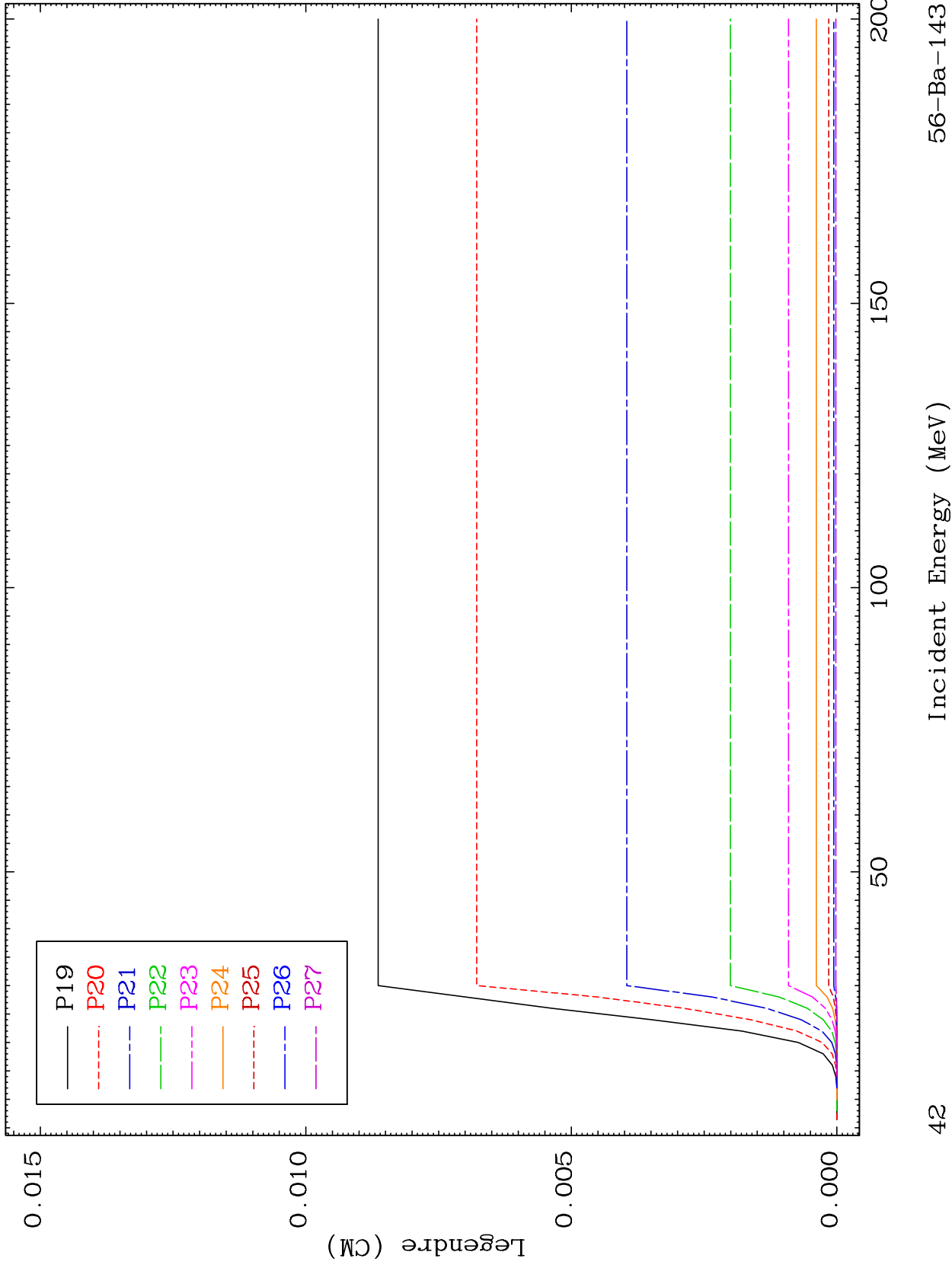




MAT 5664

306.6 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



42

Incident Energy (MeV)

56-Ba-143

200

150

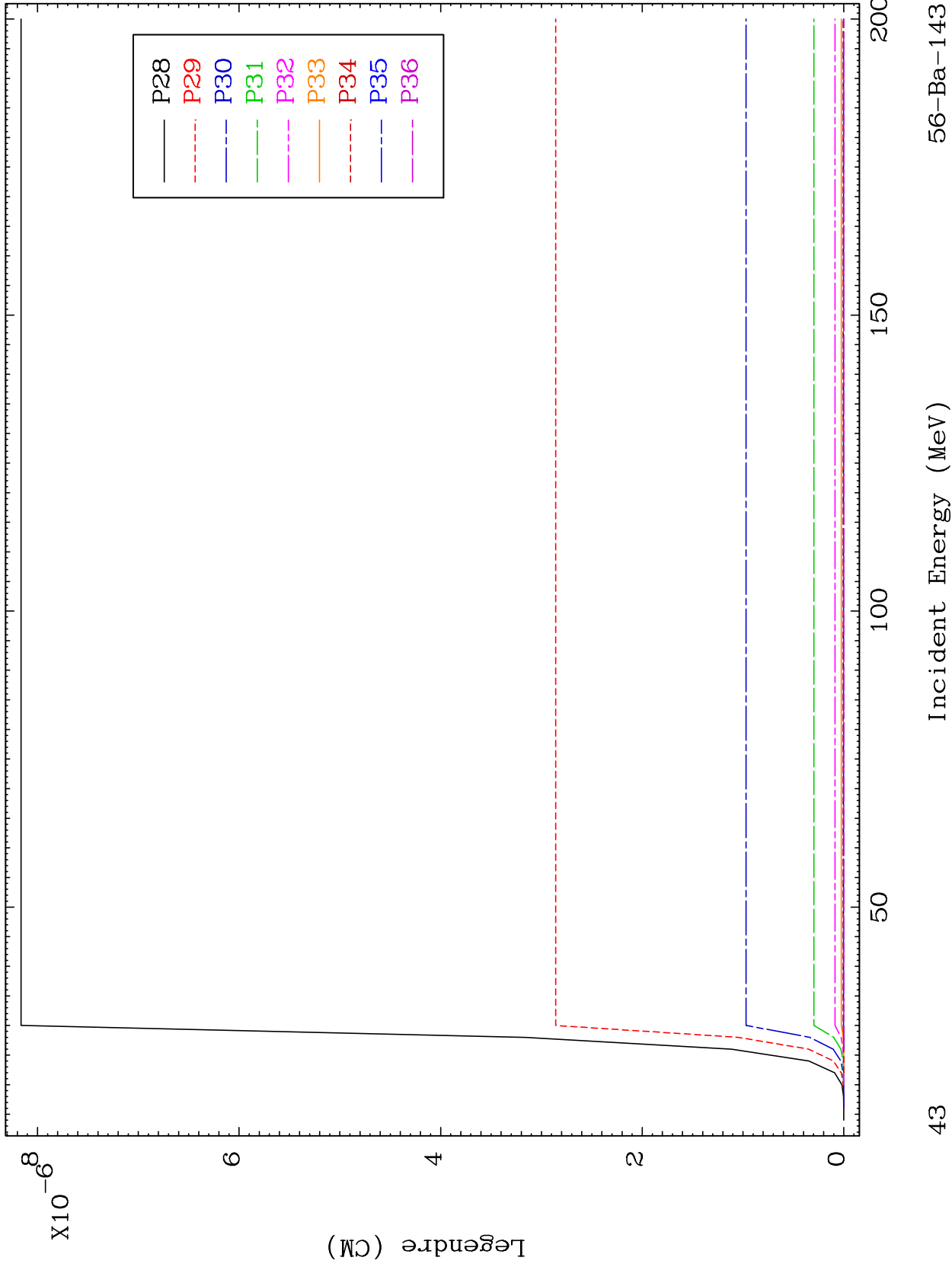
100

50

MAT 5664

306.6 keV (n, n') Level  
Legendre Coefficients

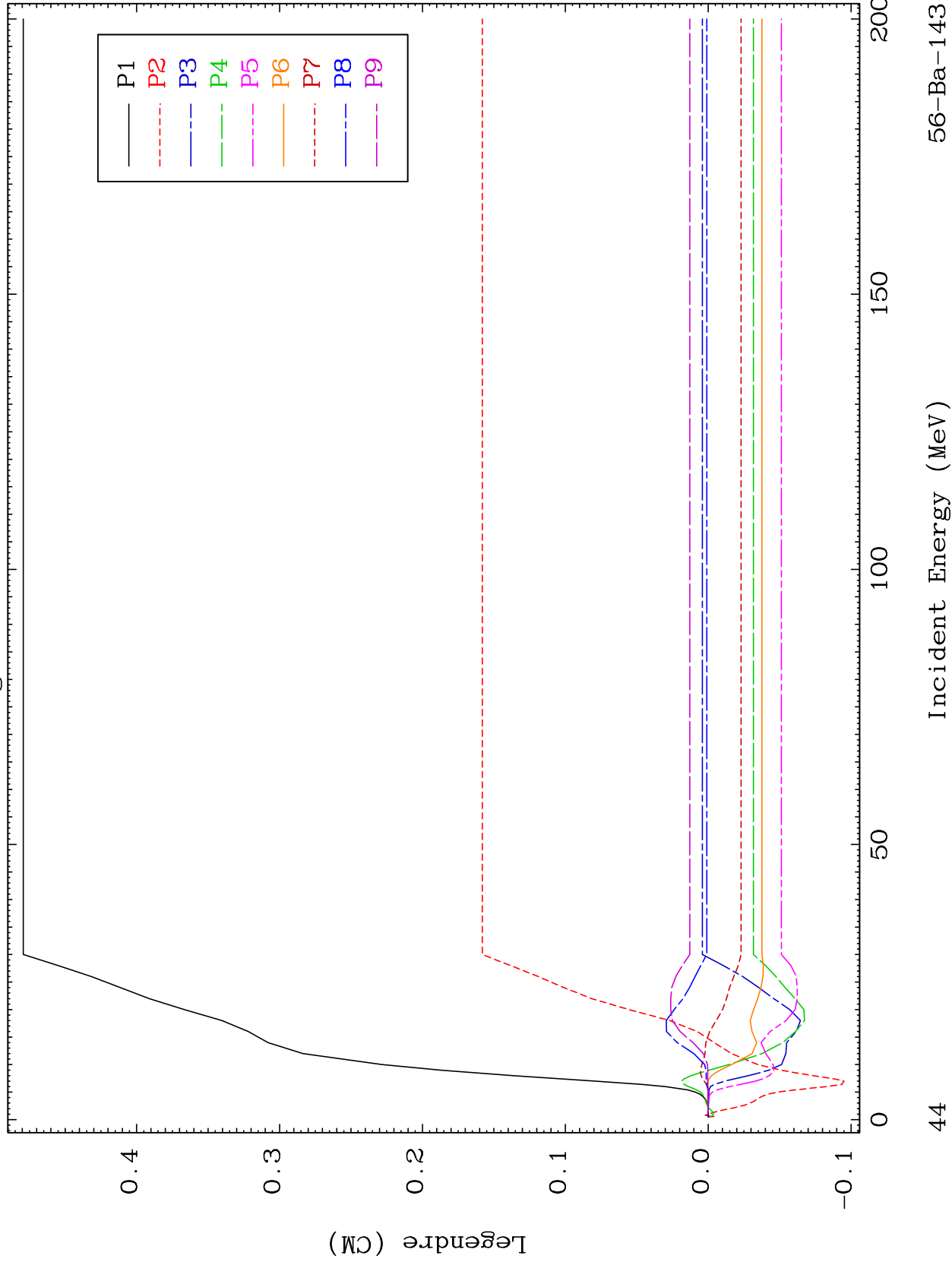
56-Ba-143



MAT 5664

460.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

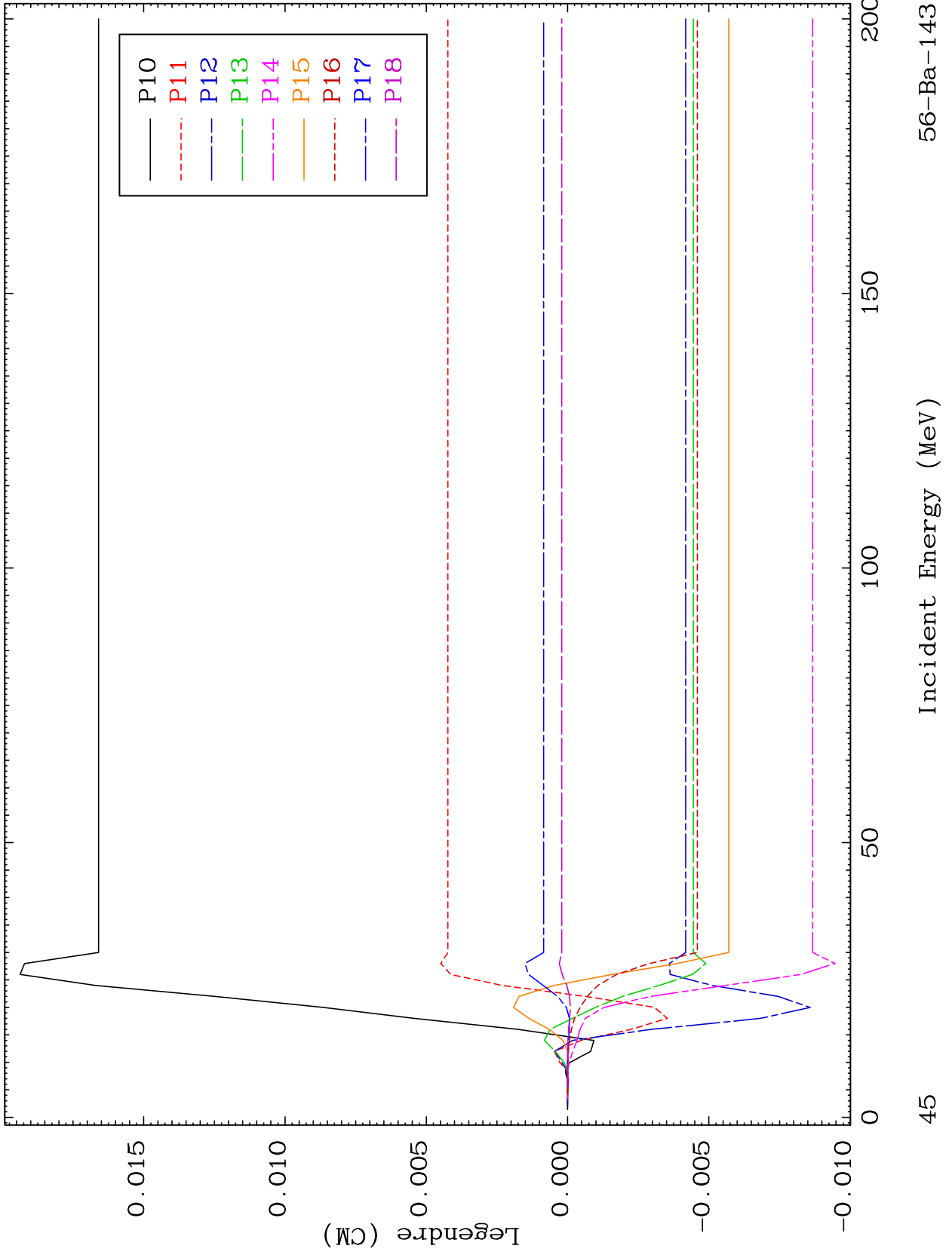
Incident Energy (MeV)

44

MAT 5664

460.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

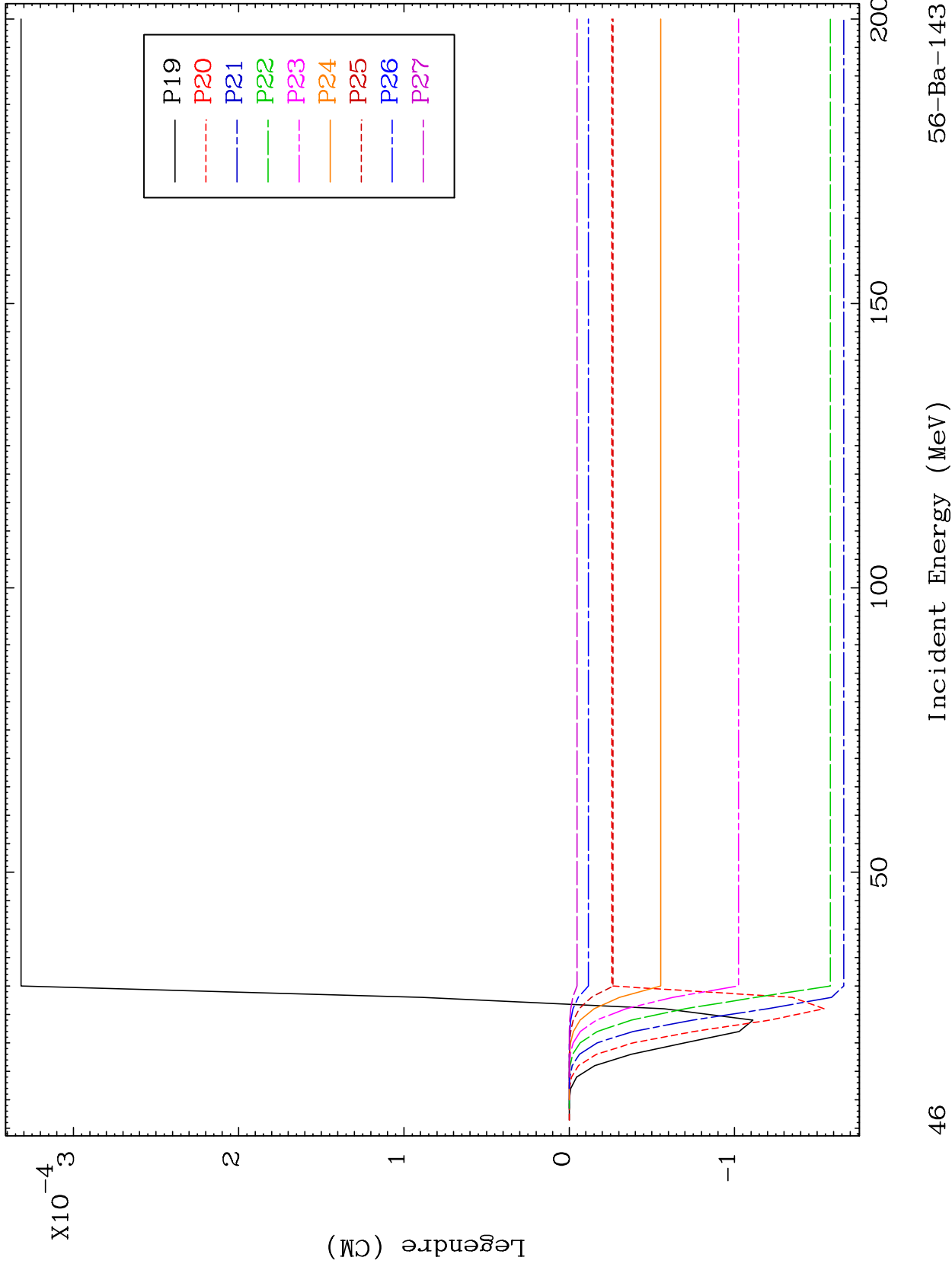
Incident Energy (MeV)

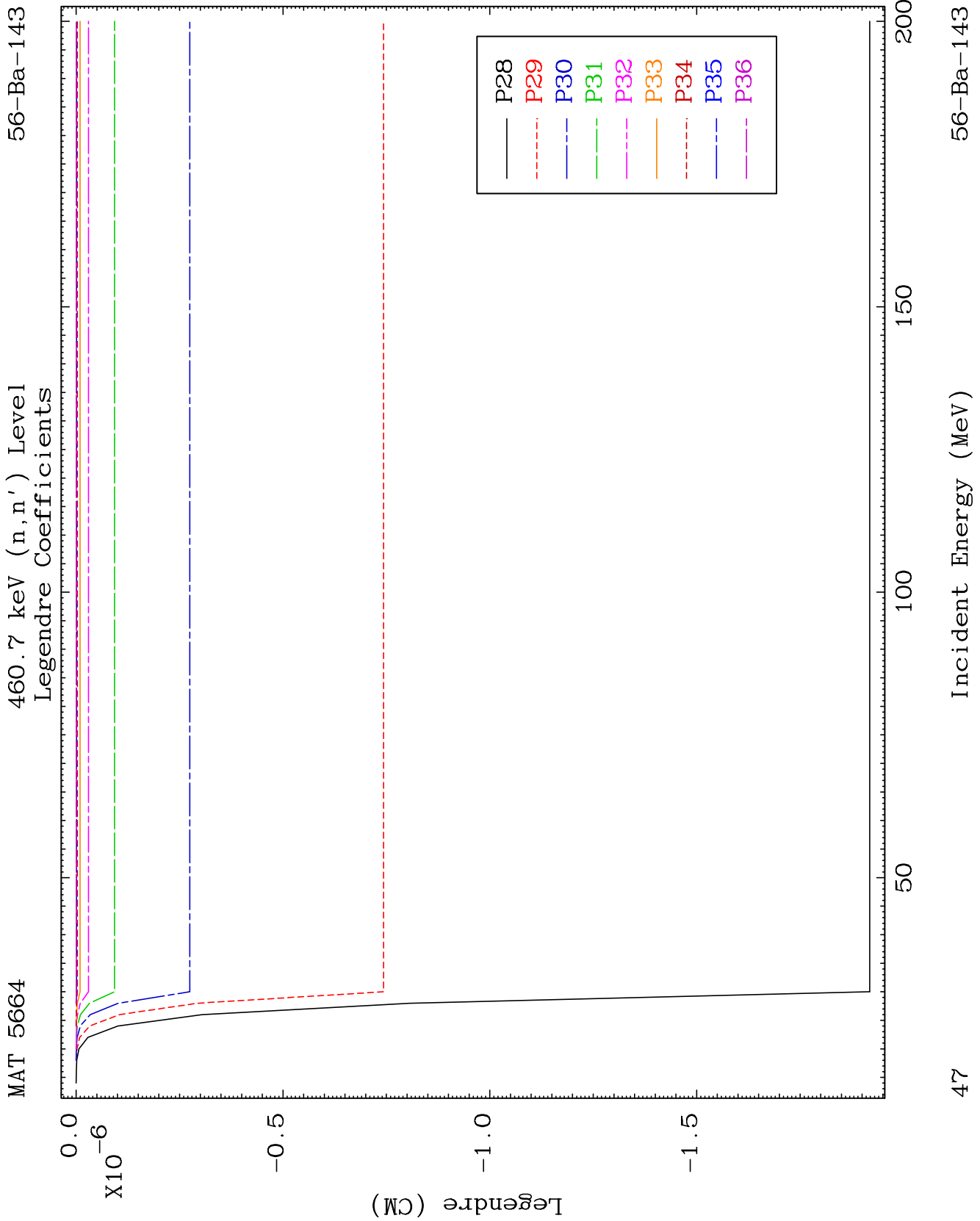
45

MAT 5664

460.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



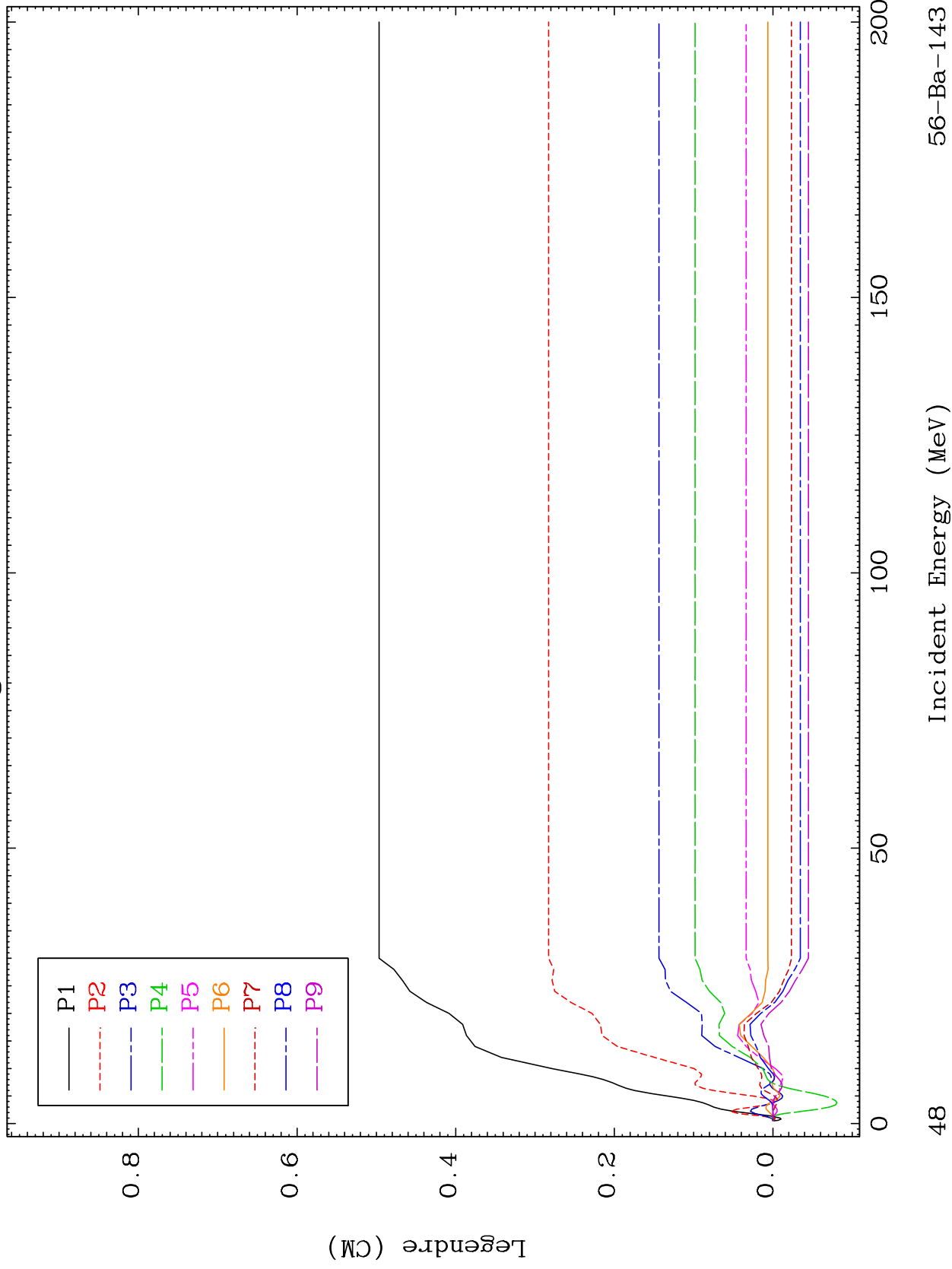




MAT 5664

466.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

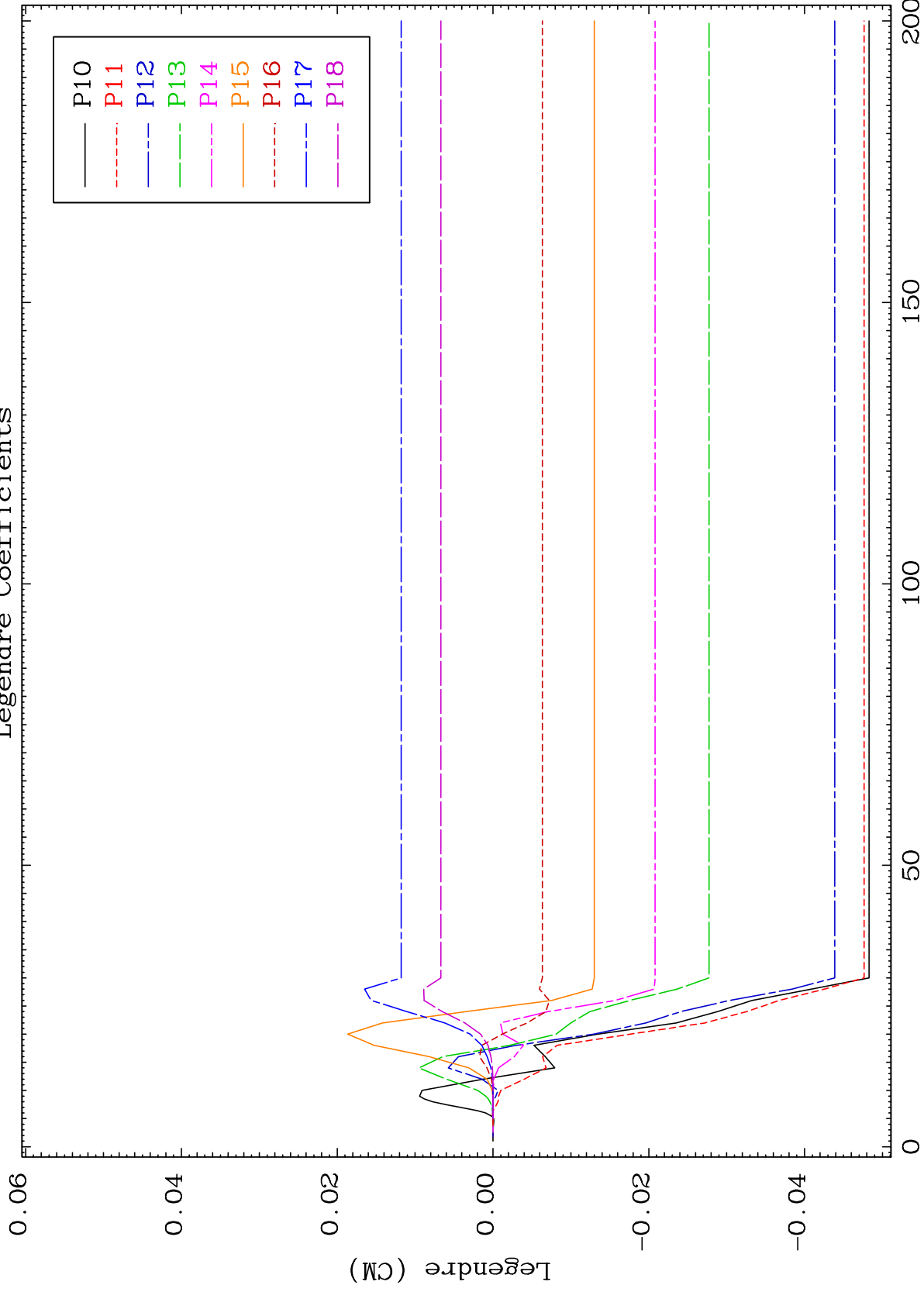
Incident Energy (MeV)

48

MAT 5664

466.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



49

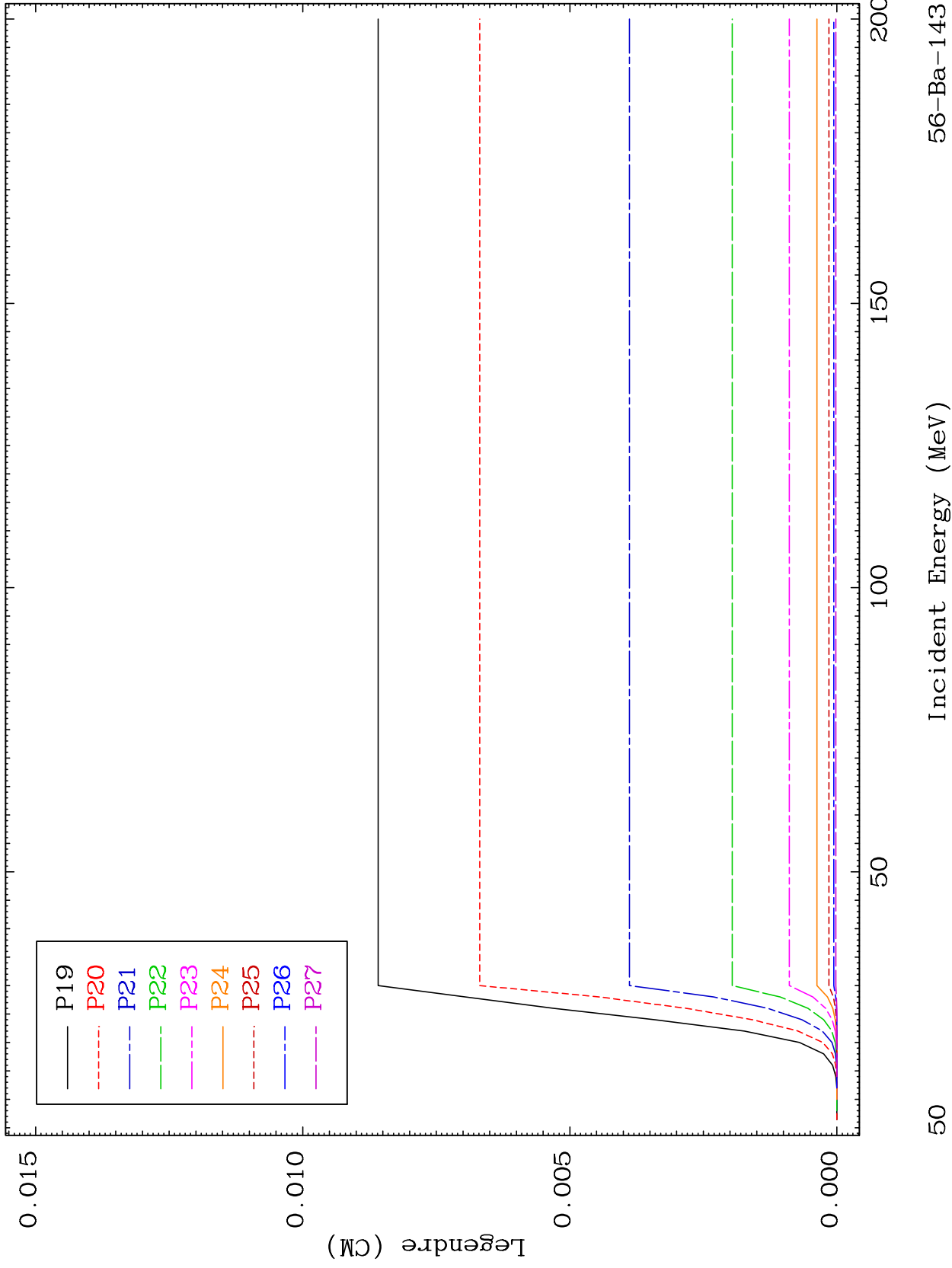
Incident Energy (MeV)

56-Ba-143

MAT 5664

466.7 keV (n,n') Level  
Legendre Coefficients

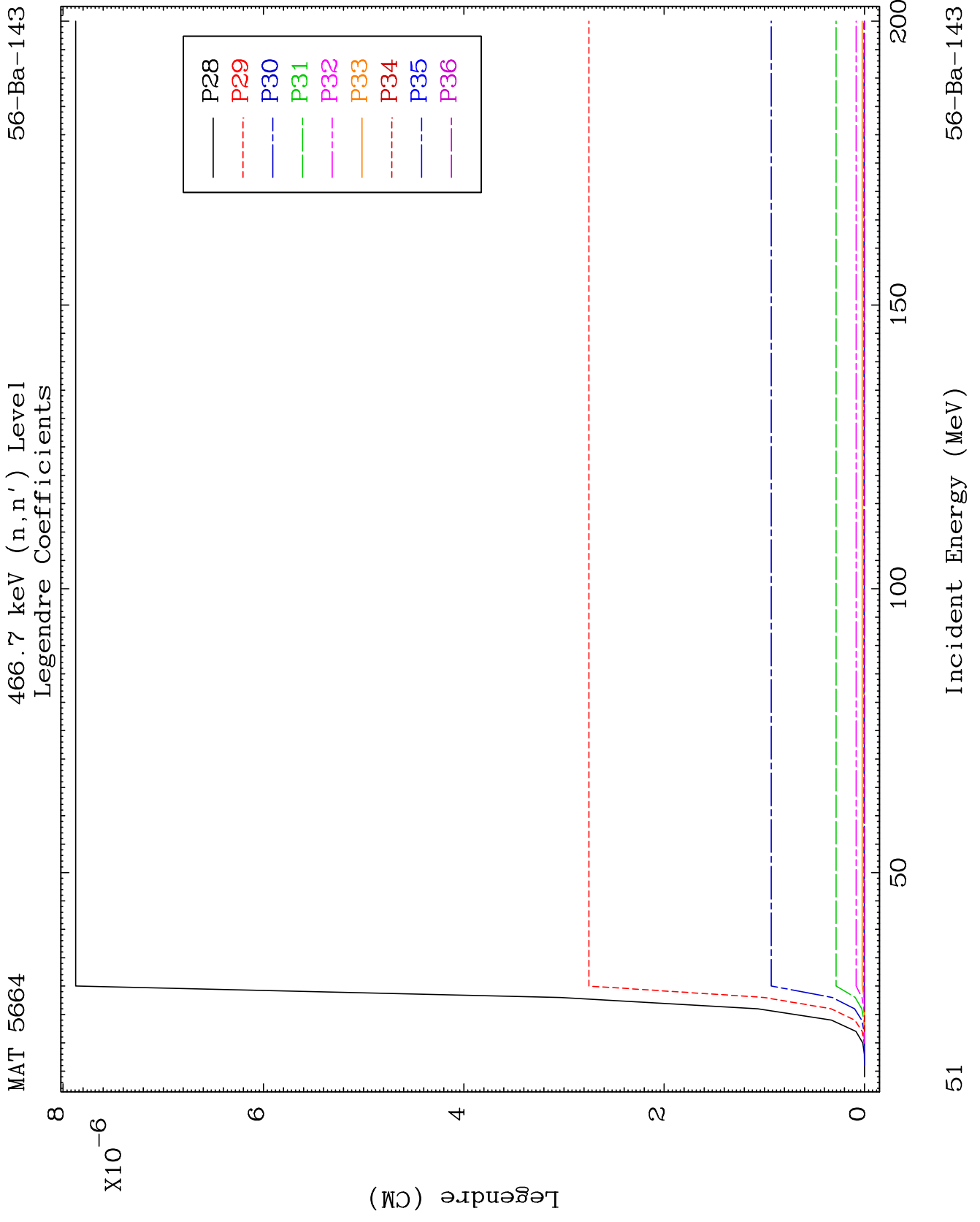
56-Ba-143



56-Ba-143

Incident Energy (MeV)

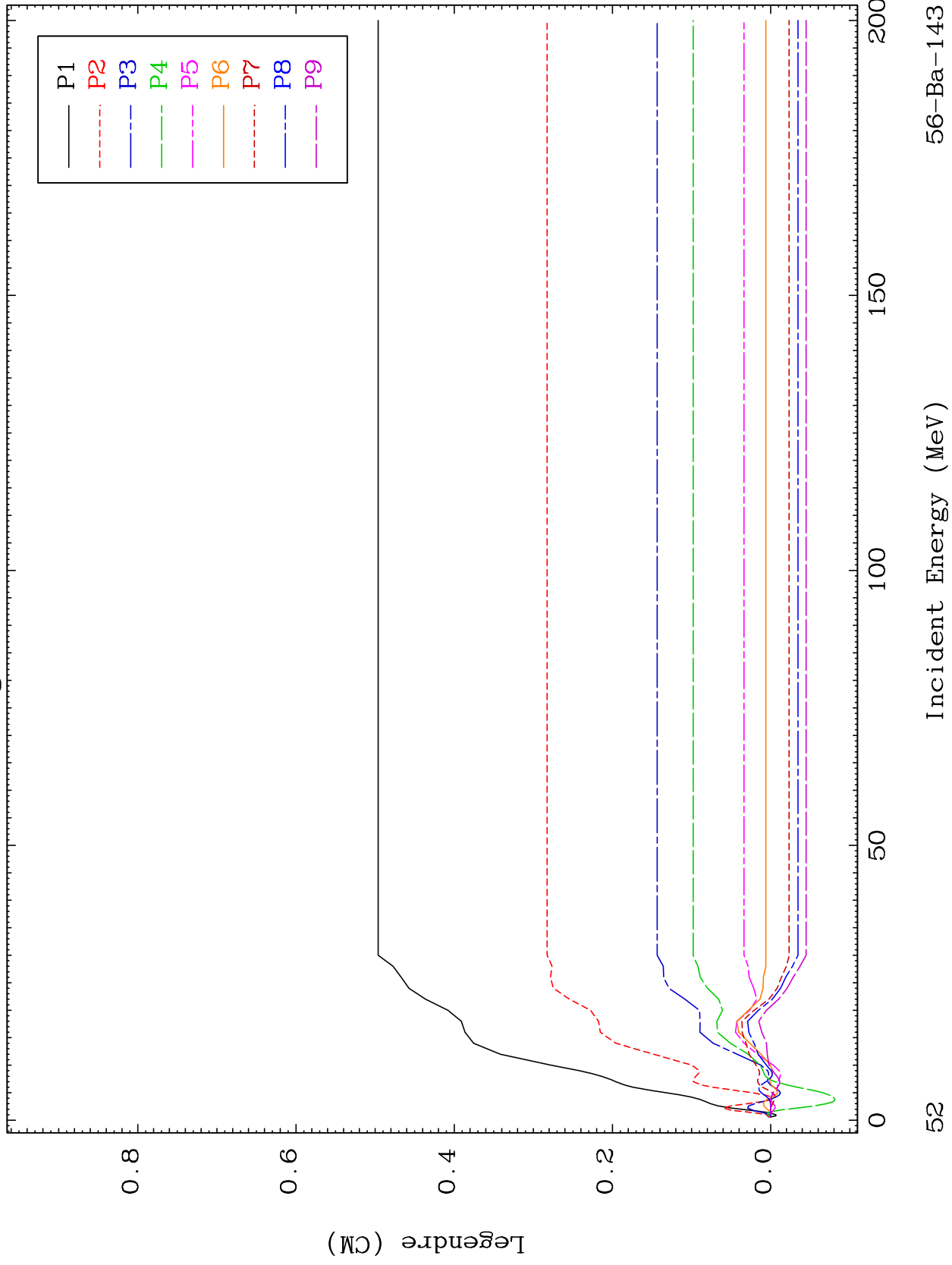
50



MAT 5664

534.8 keV (n,n') Level  
Legendre Coefficients

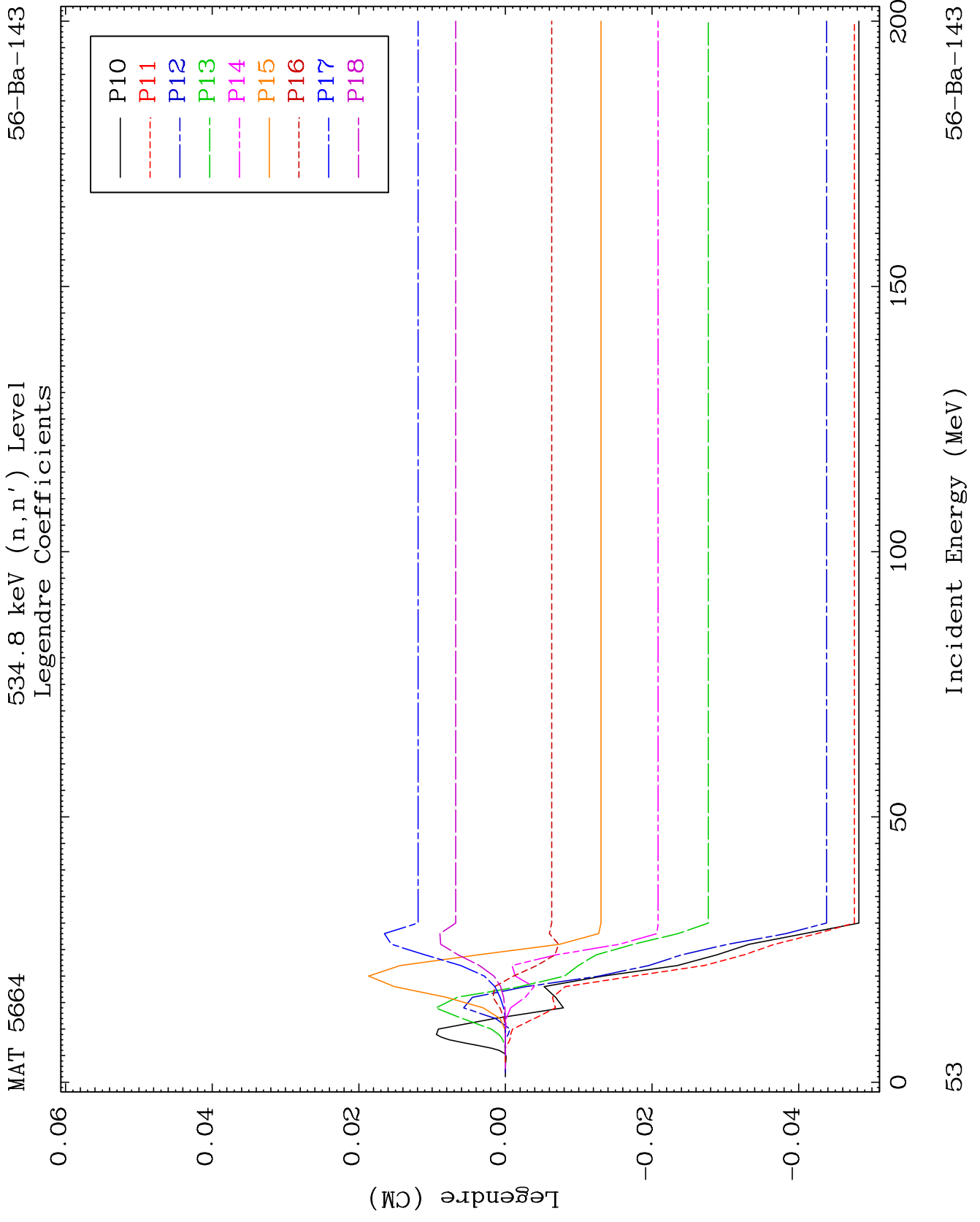
56-Ba-143



56-Ba-143

Incident Energy (MeV)

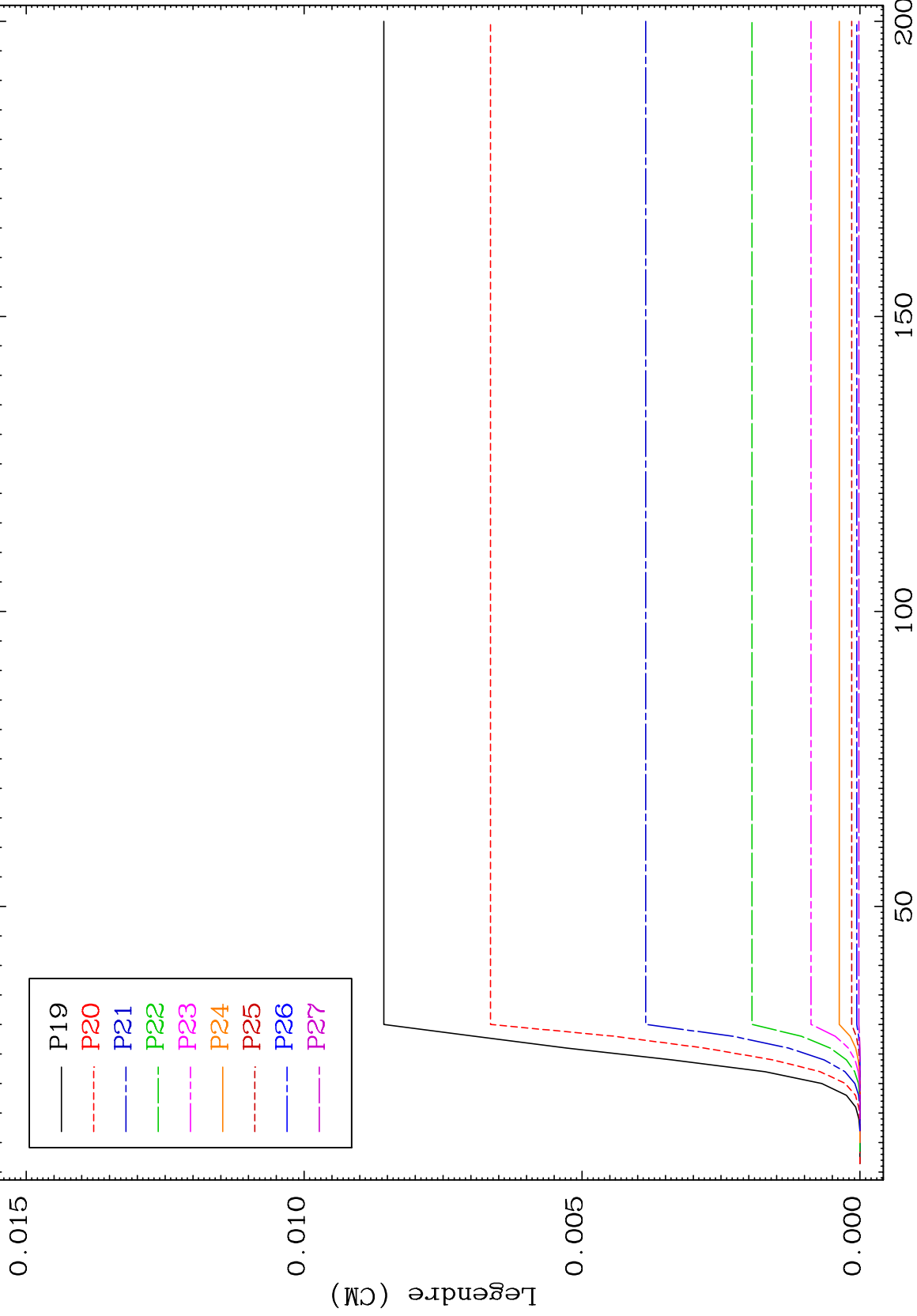
52



MAT 5664

534.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

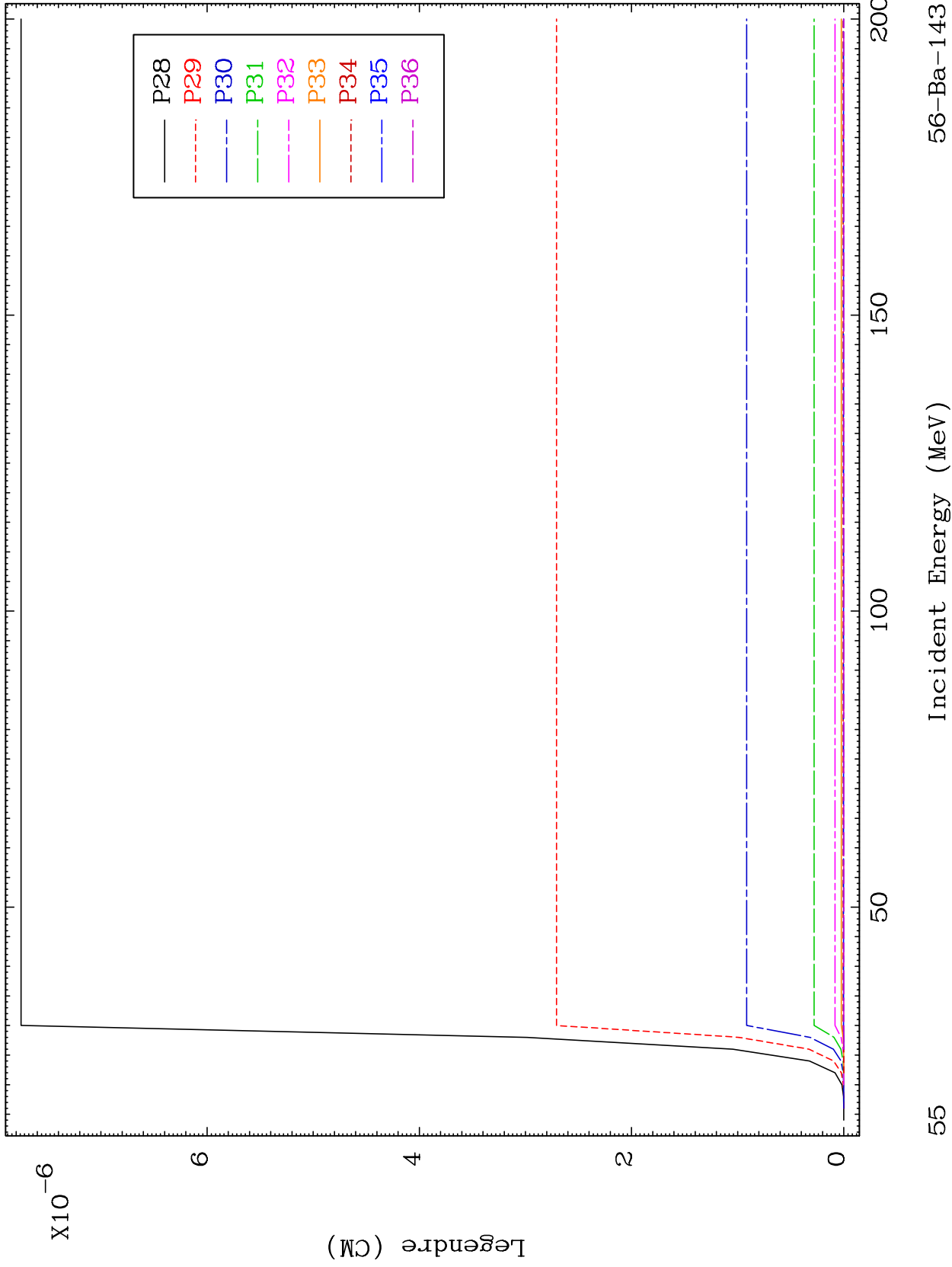
Incident Energy (MeV)

54

MAT 5664

534.8 keV (n, n') Level  
Legendre Coefficients

56-Ba-143



55

Incident Energy (MeV)

56-Ba-143

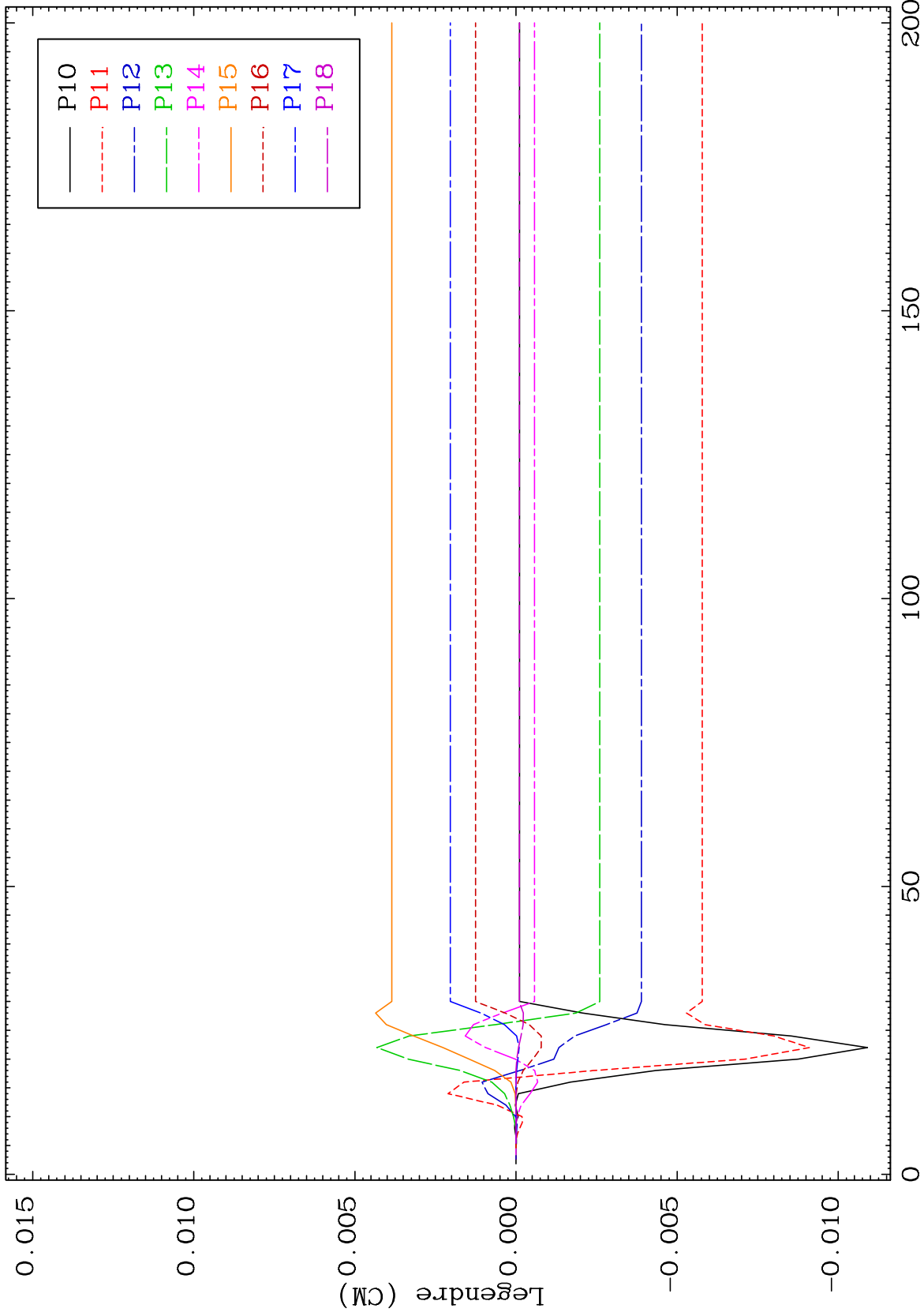




MAT 5664

597.8 keV (n,n') Level  
Legendre Coefficients

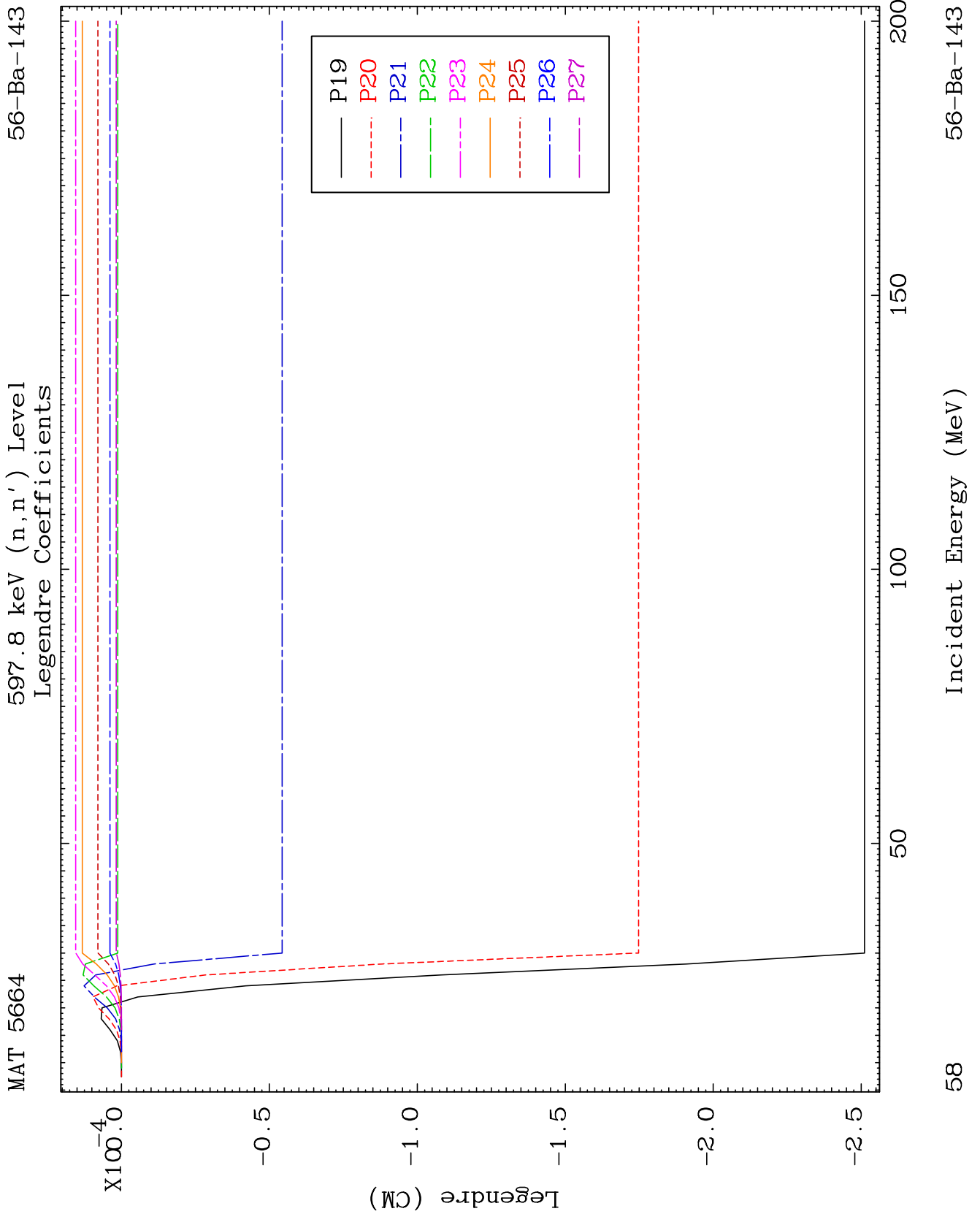
56-Ba-143



57

Incident Energy (MeV)

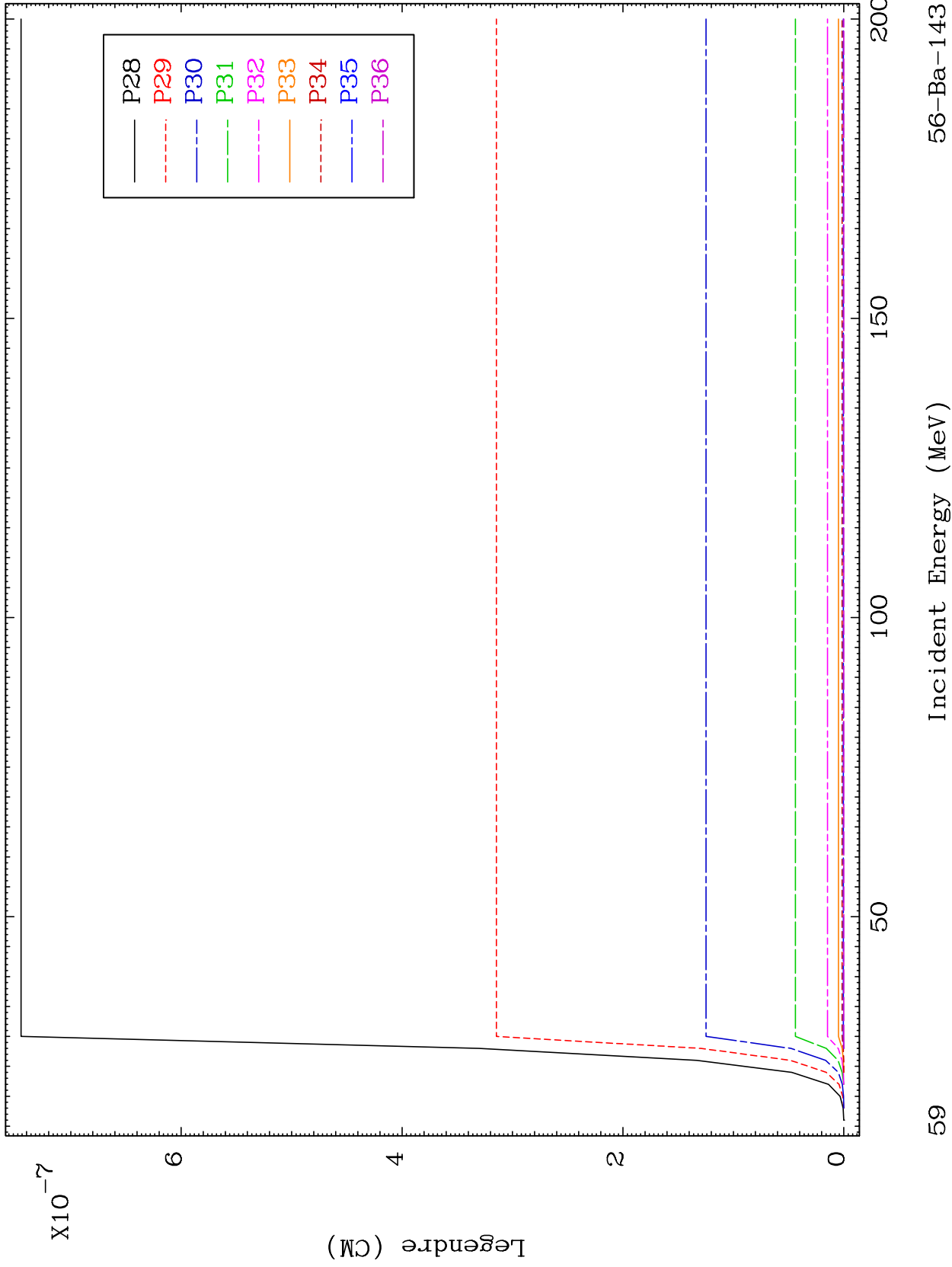
56-Ba-143

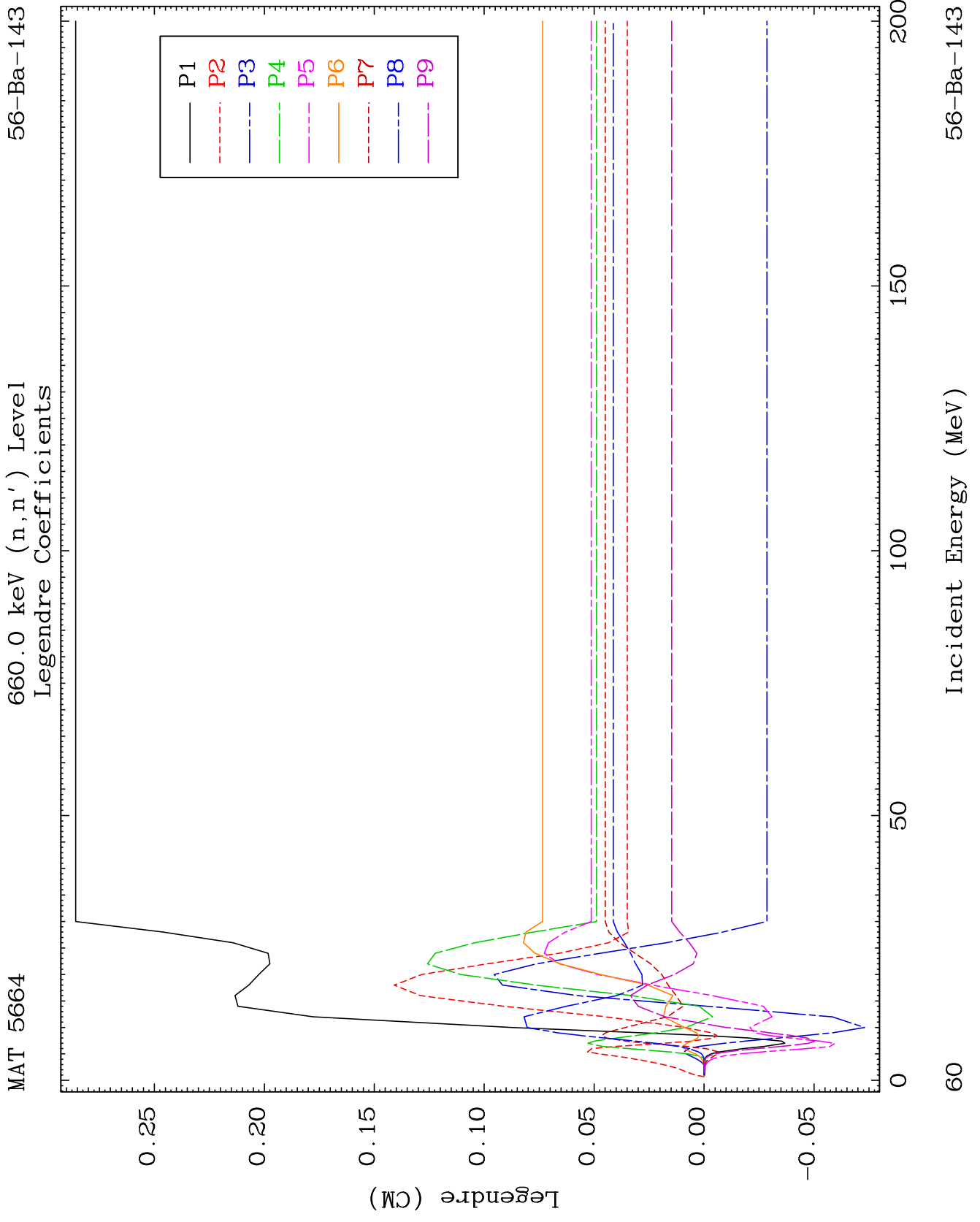


MAT 5664

597.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143

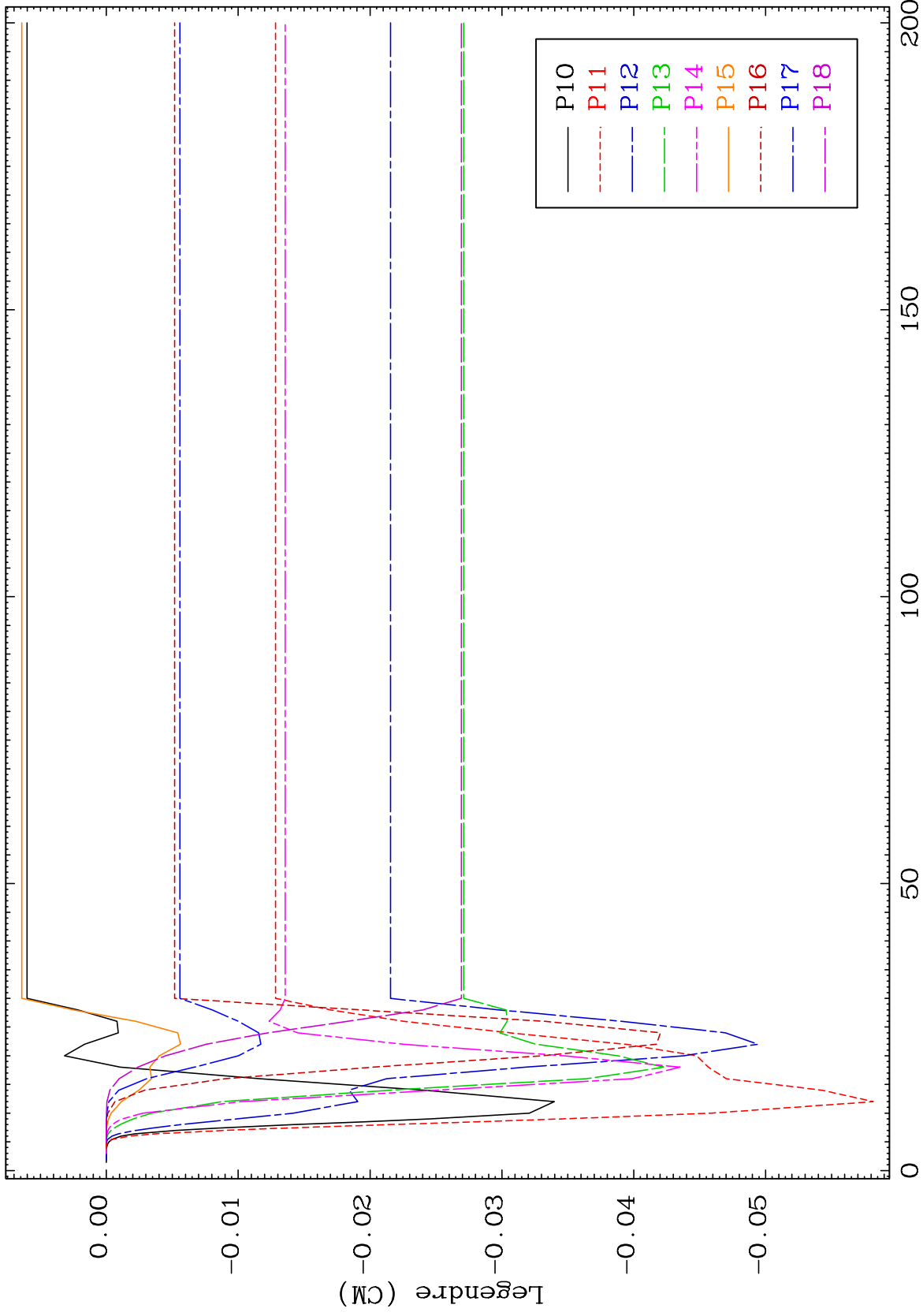




MAT 5664

660.0 keV (n,n') Level  
Legendre Coefficients

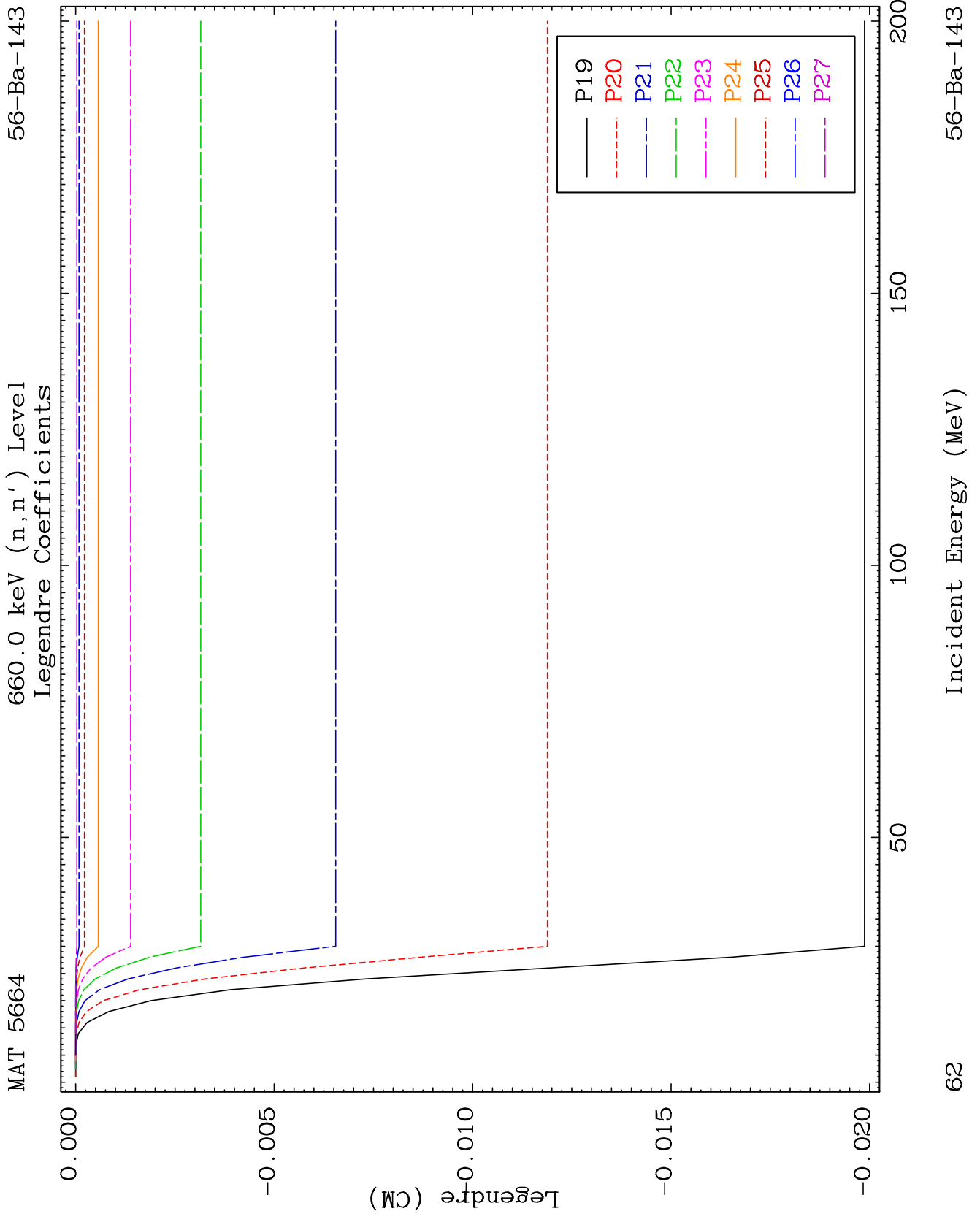
56-Ba-143

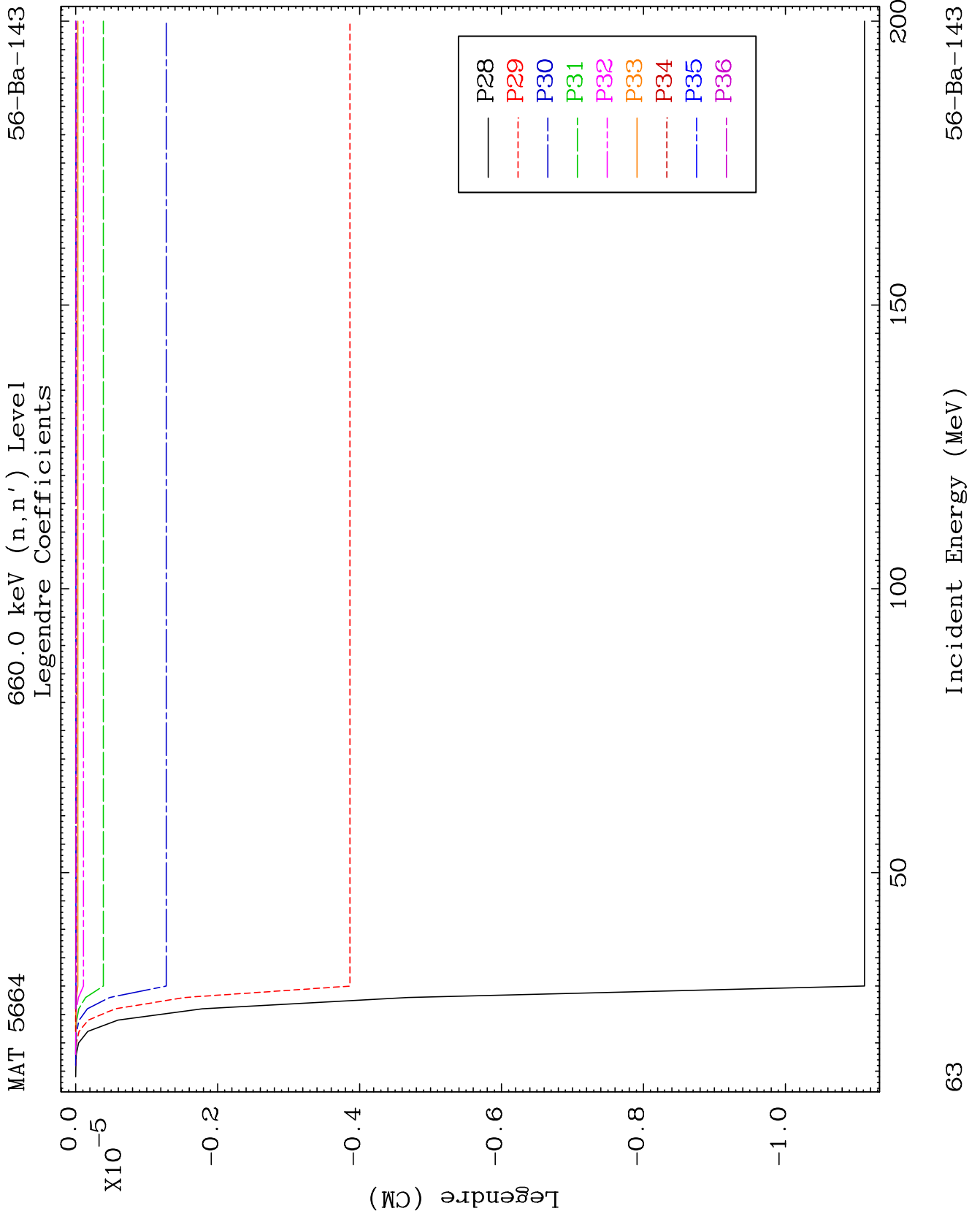


61

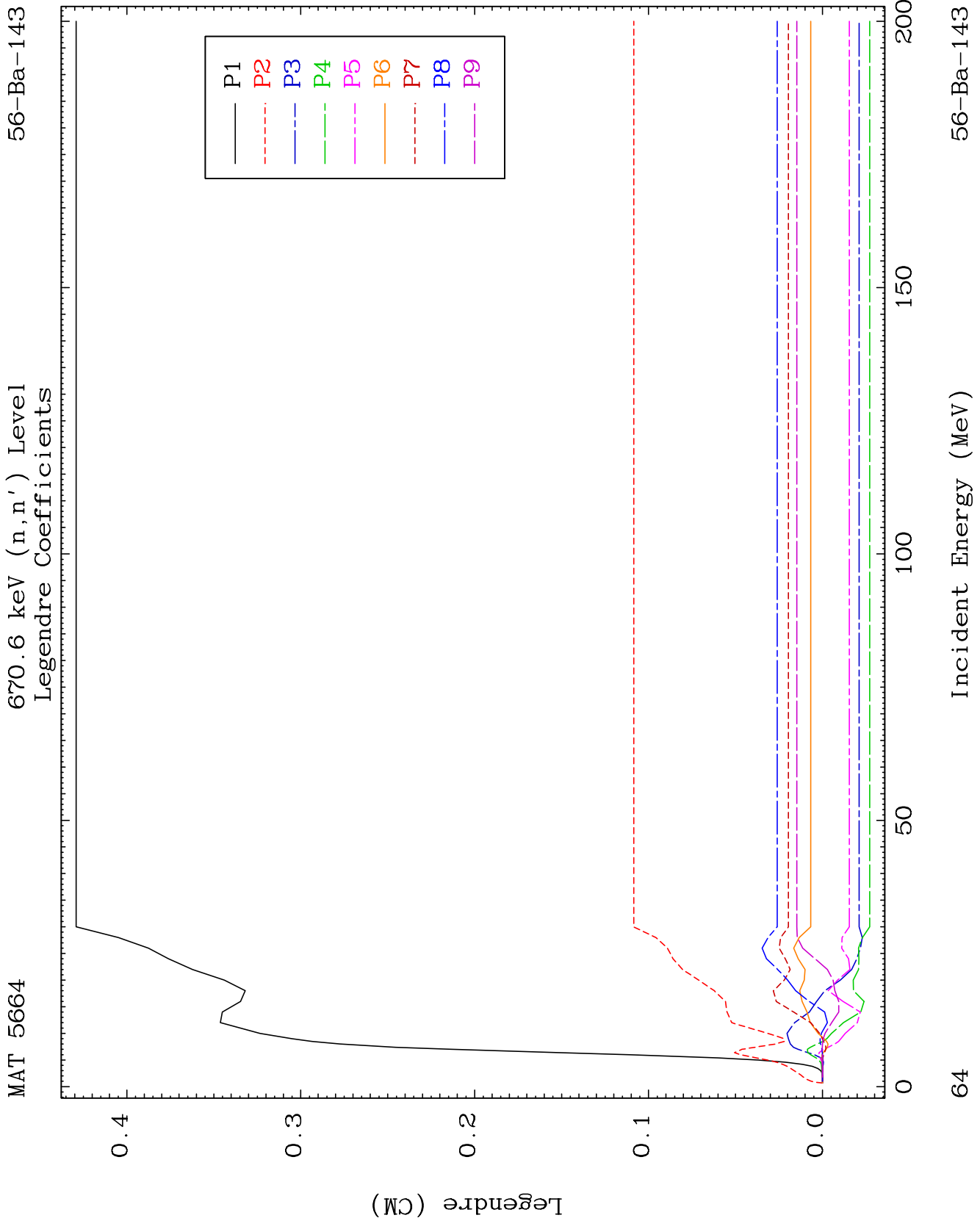
Incident Energy (MeV)

56-Ba-143





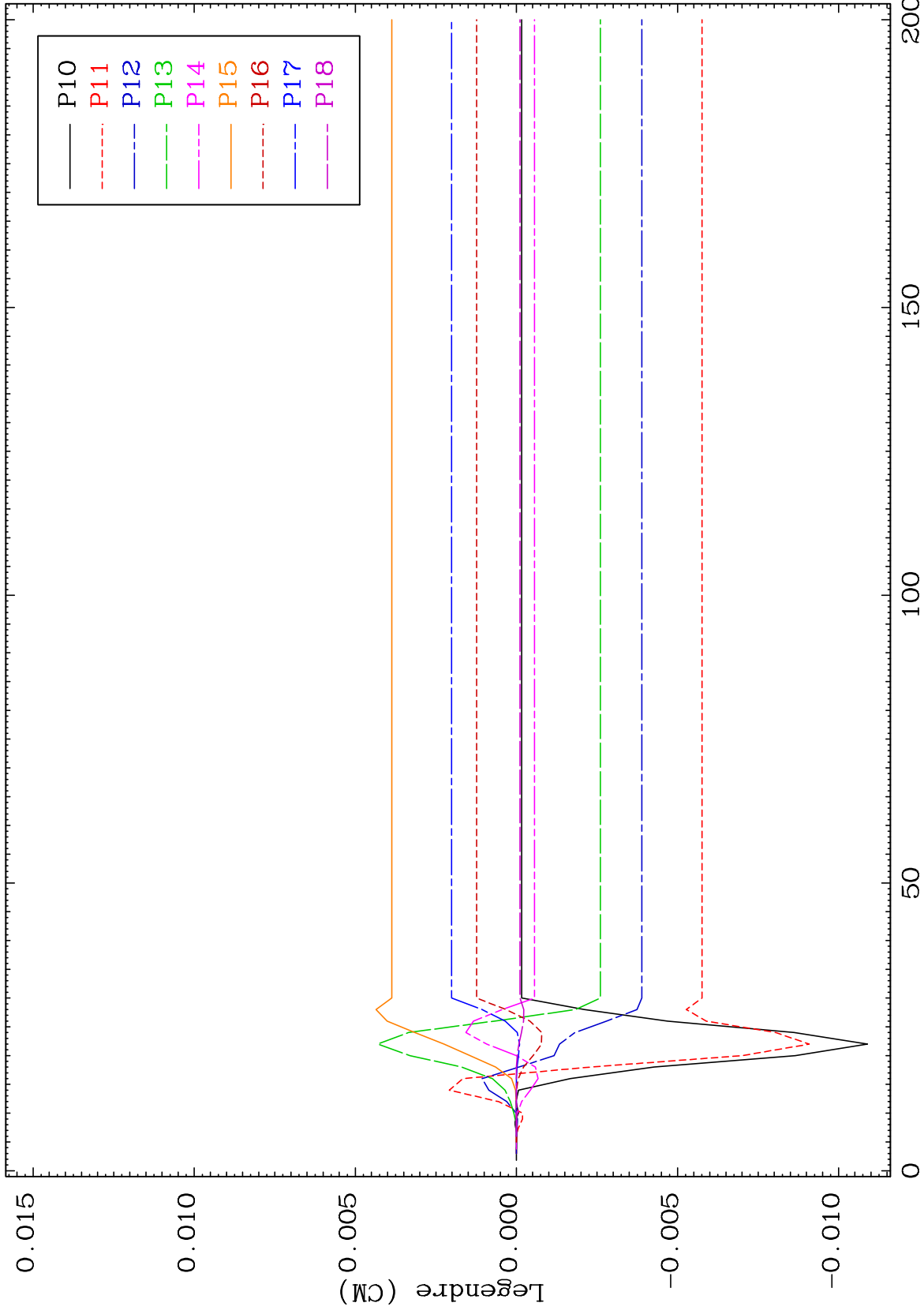




MAT 5664

670.6 keV (n,n') Level  
Legendre Coefficients

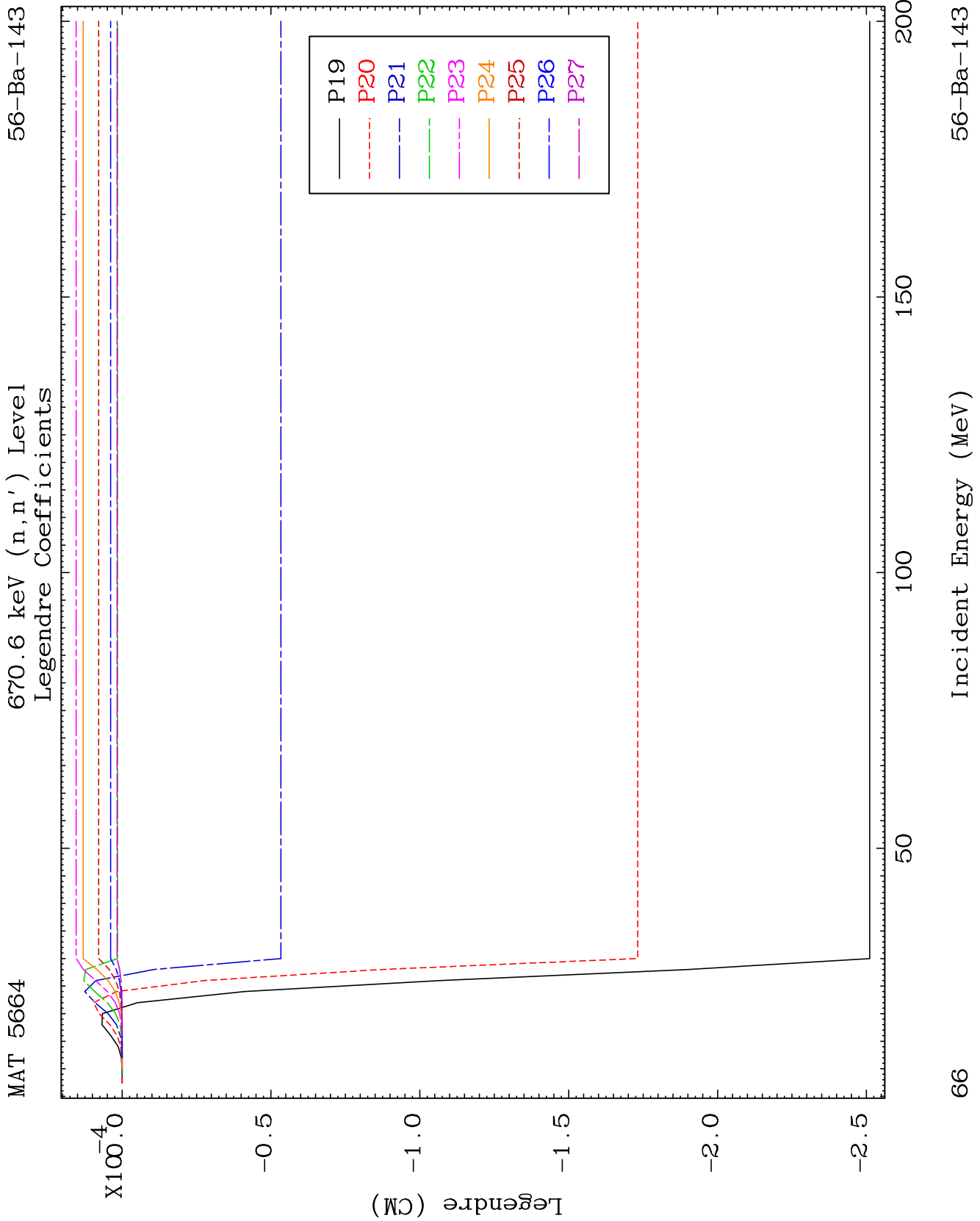
56-Ba-143



65

Incident Energy (MeV)

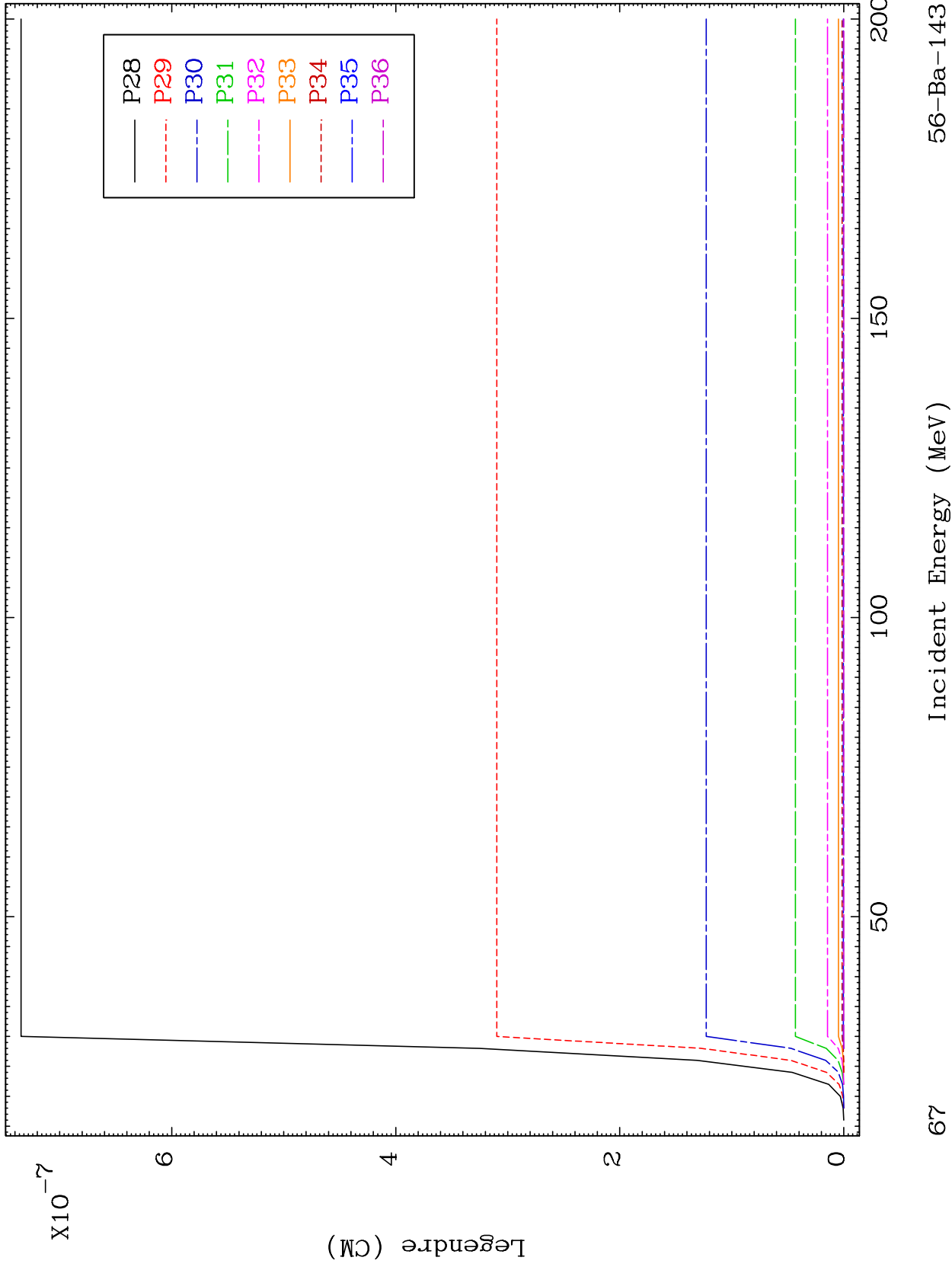
56-Ba-143



MAT 5664

670.6 keV (n,n') Level  
Legendre Coefficients

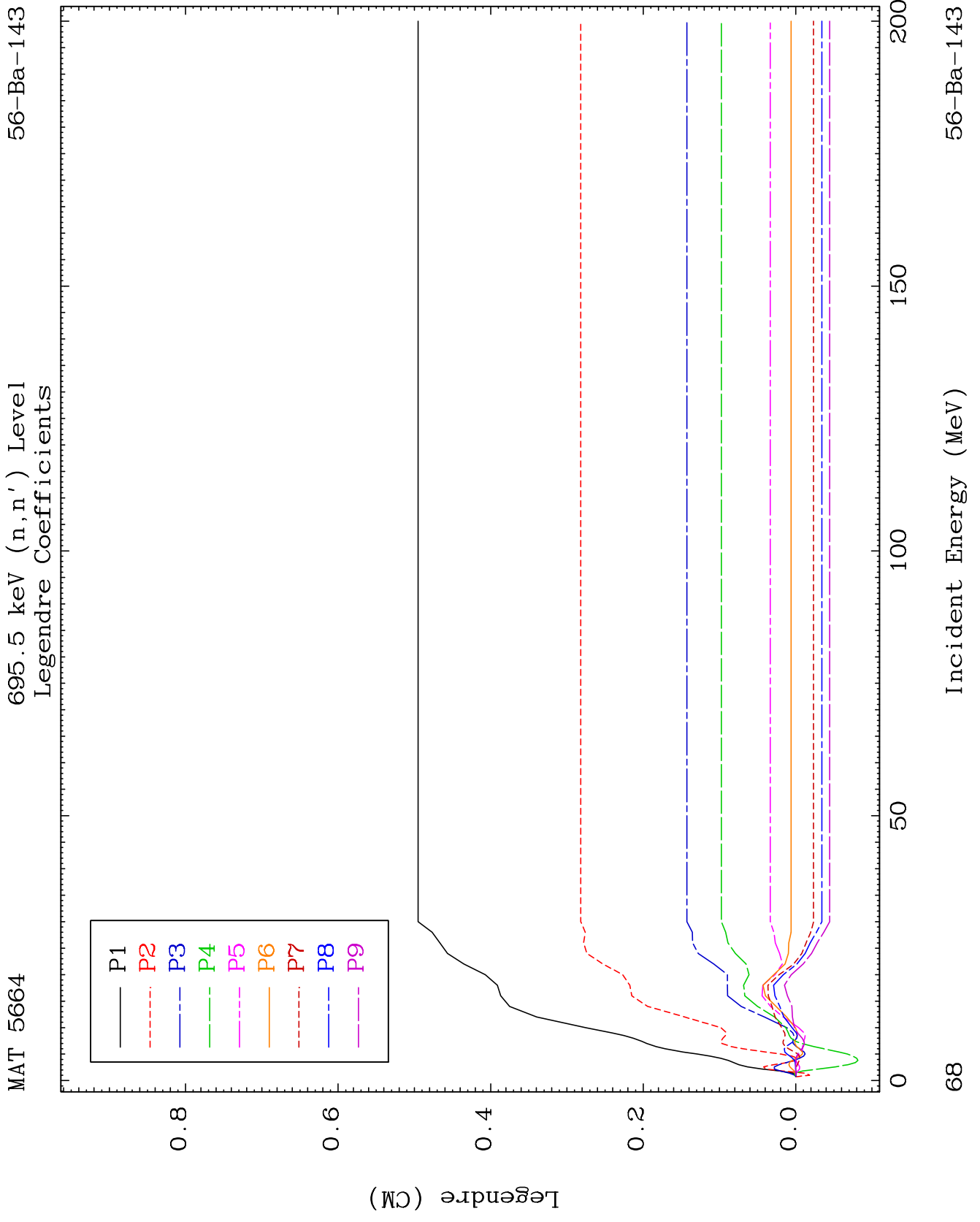
56-Ba-143

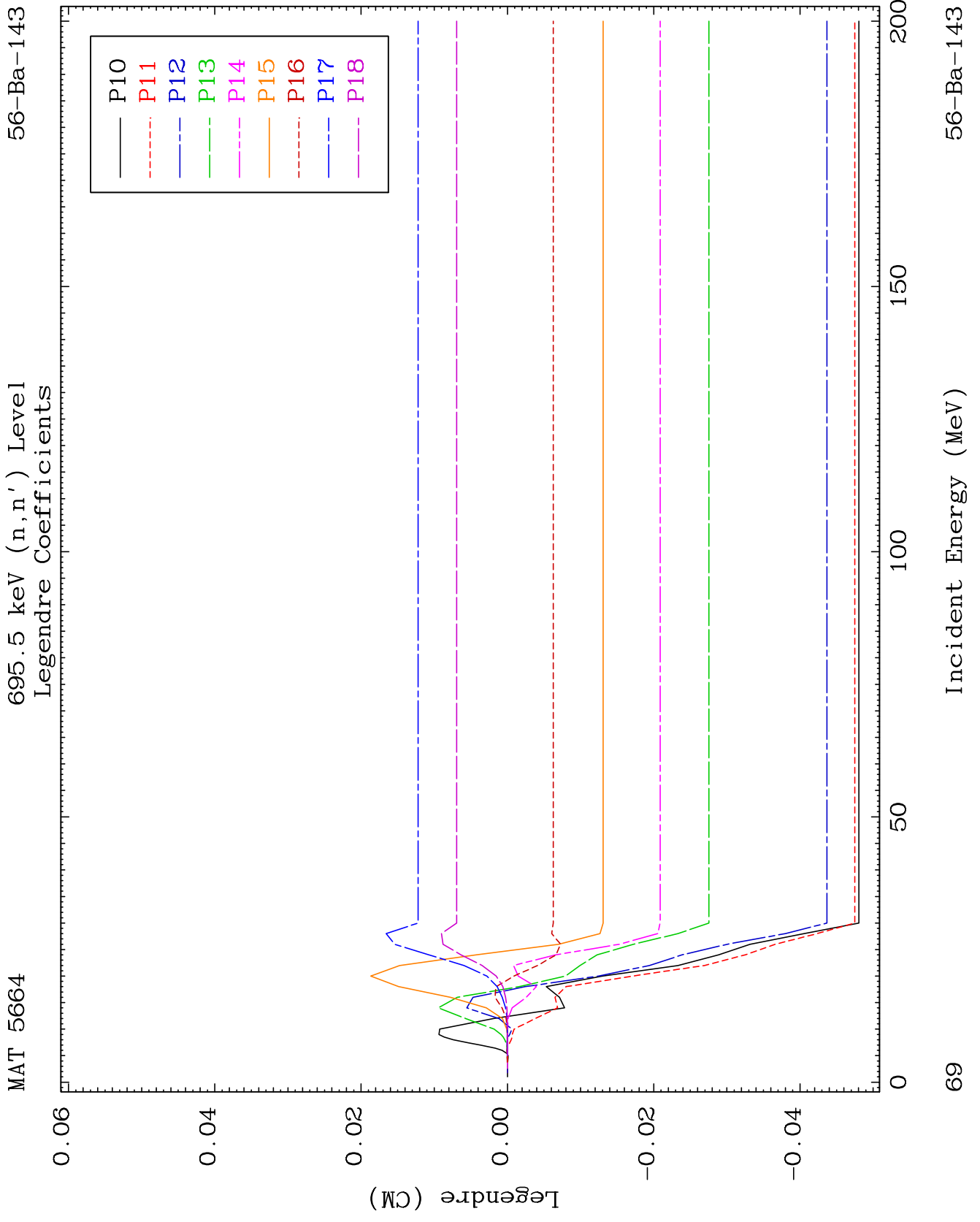


67

Incident Energy (MeV)

56-Ba-143

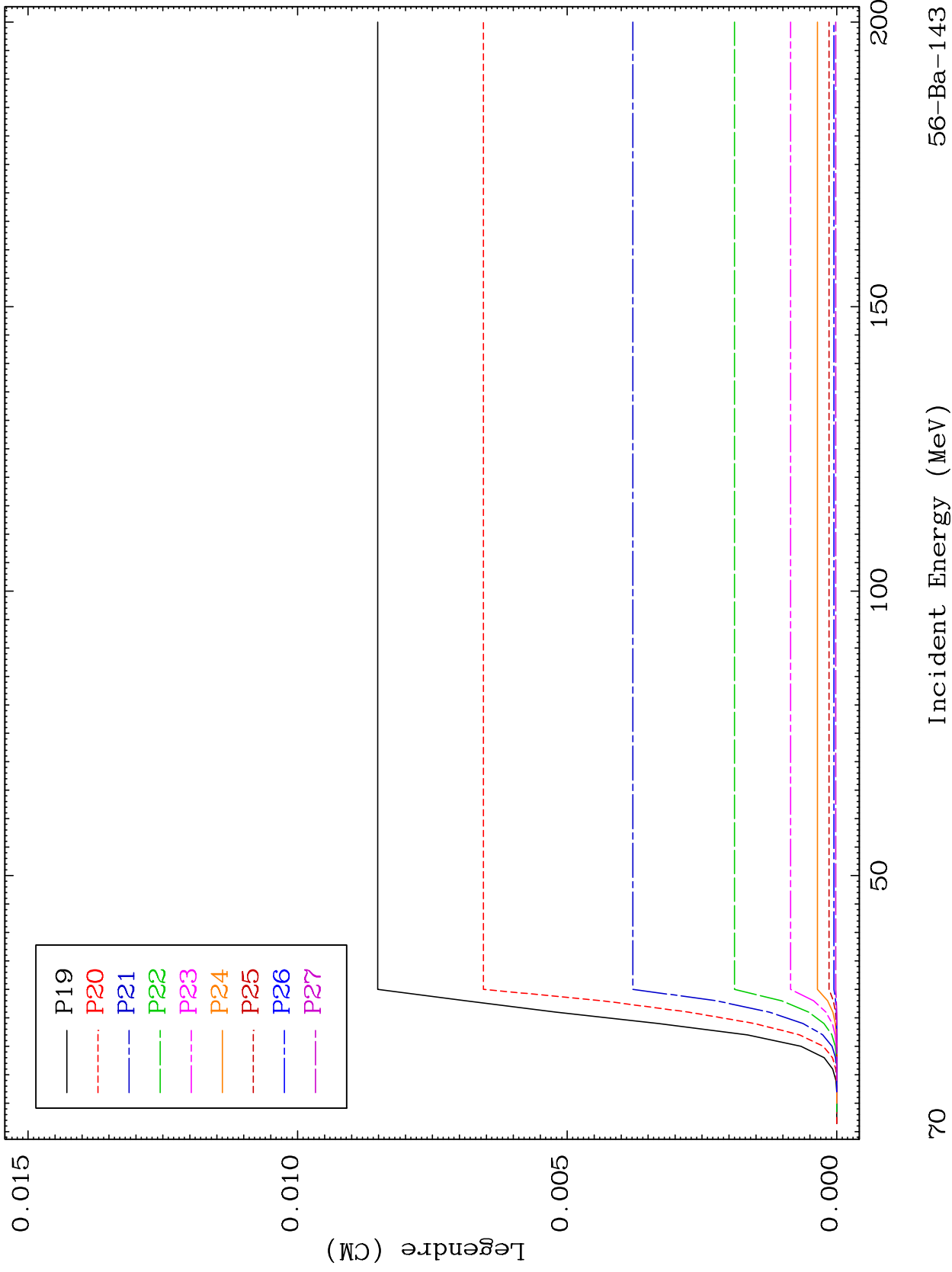




MAT 5664

695.5 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

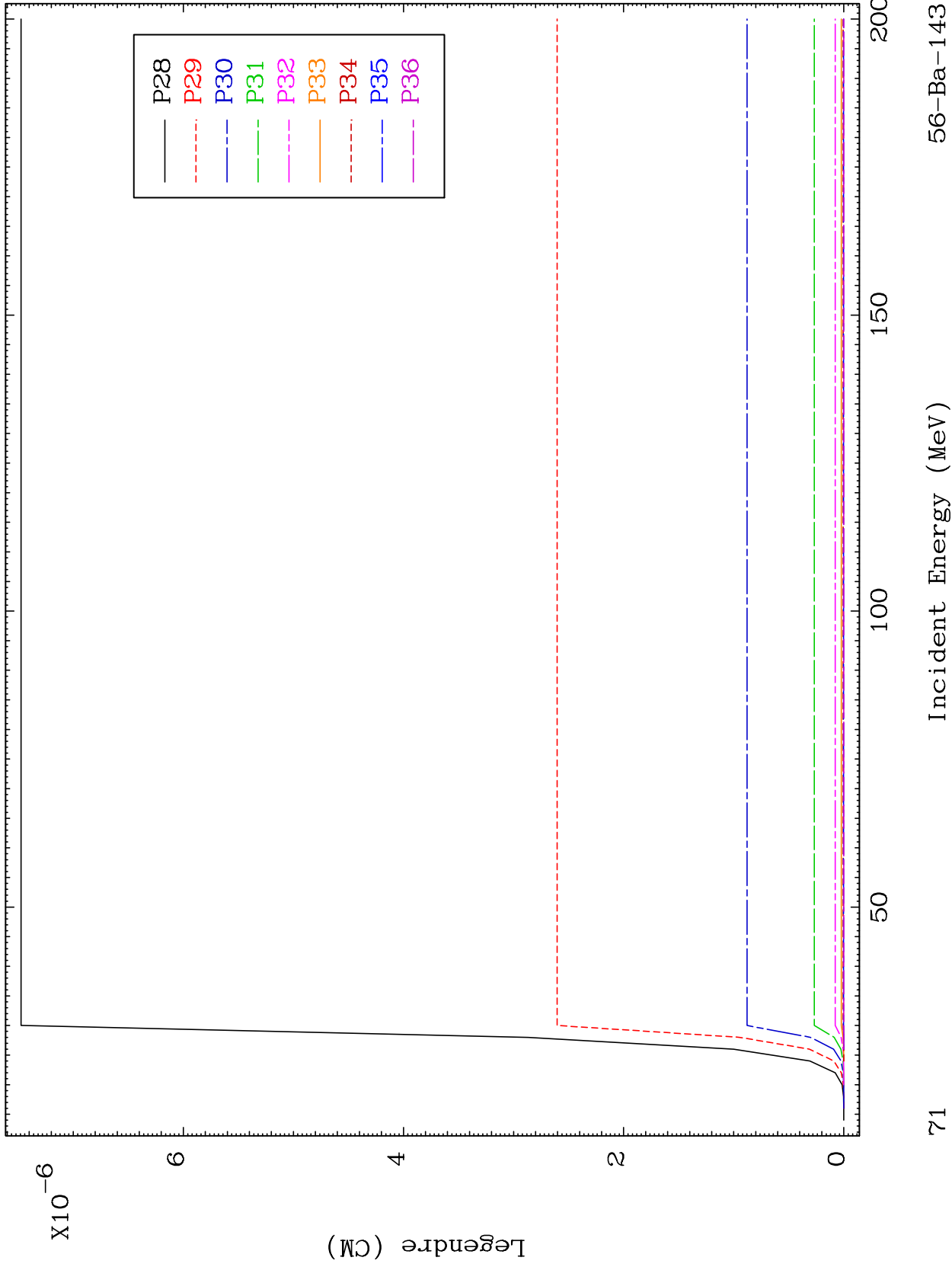
Incident Energy (MeV)

70

MAT 5664

695.5 keV (n, n') Level  
Legendre Coefficients

56-Ba-143

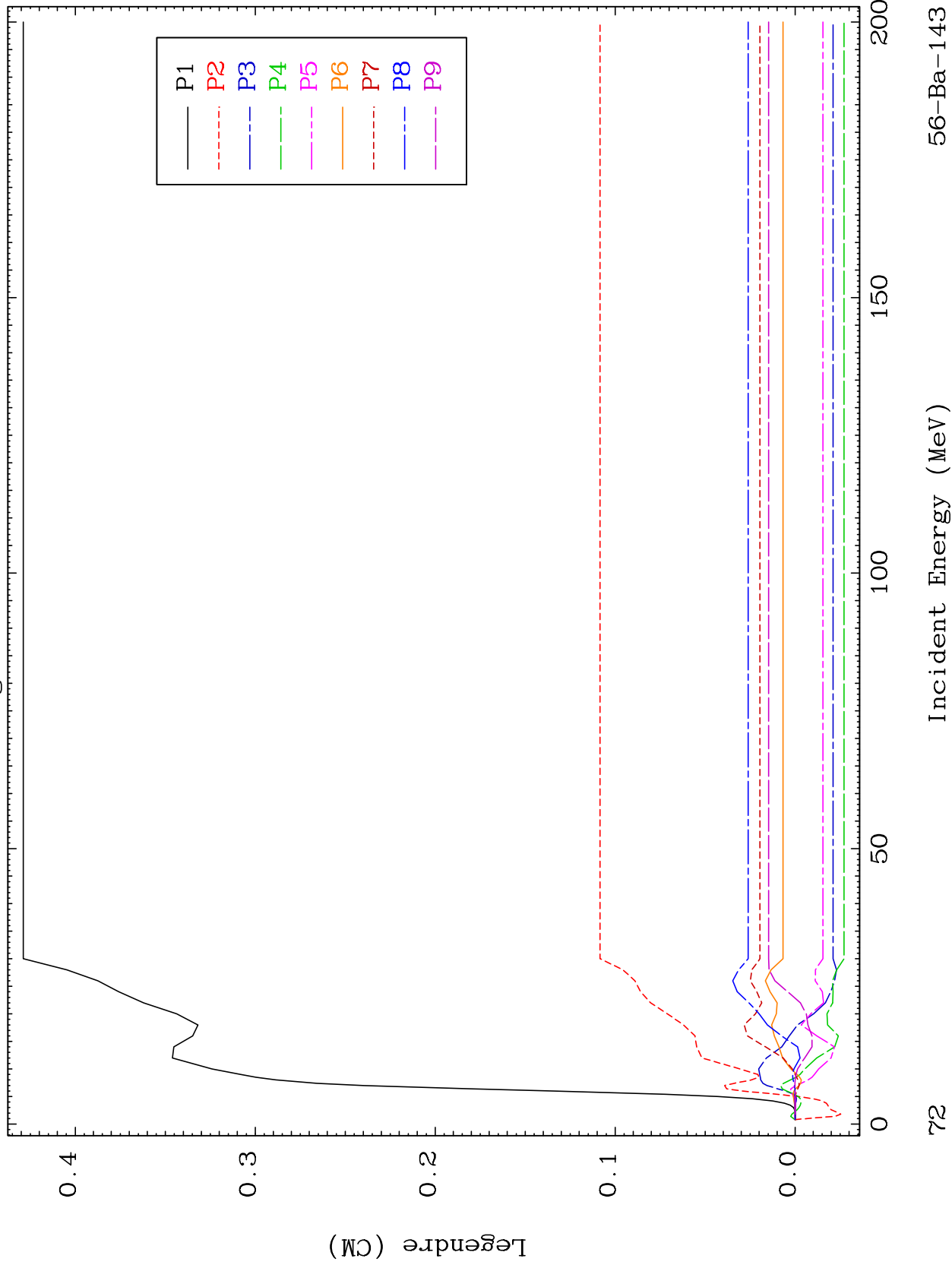




MAT 5664

716.3 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

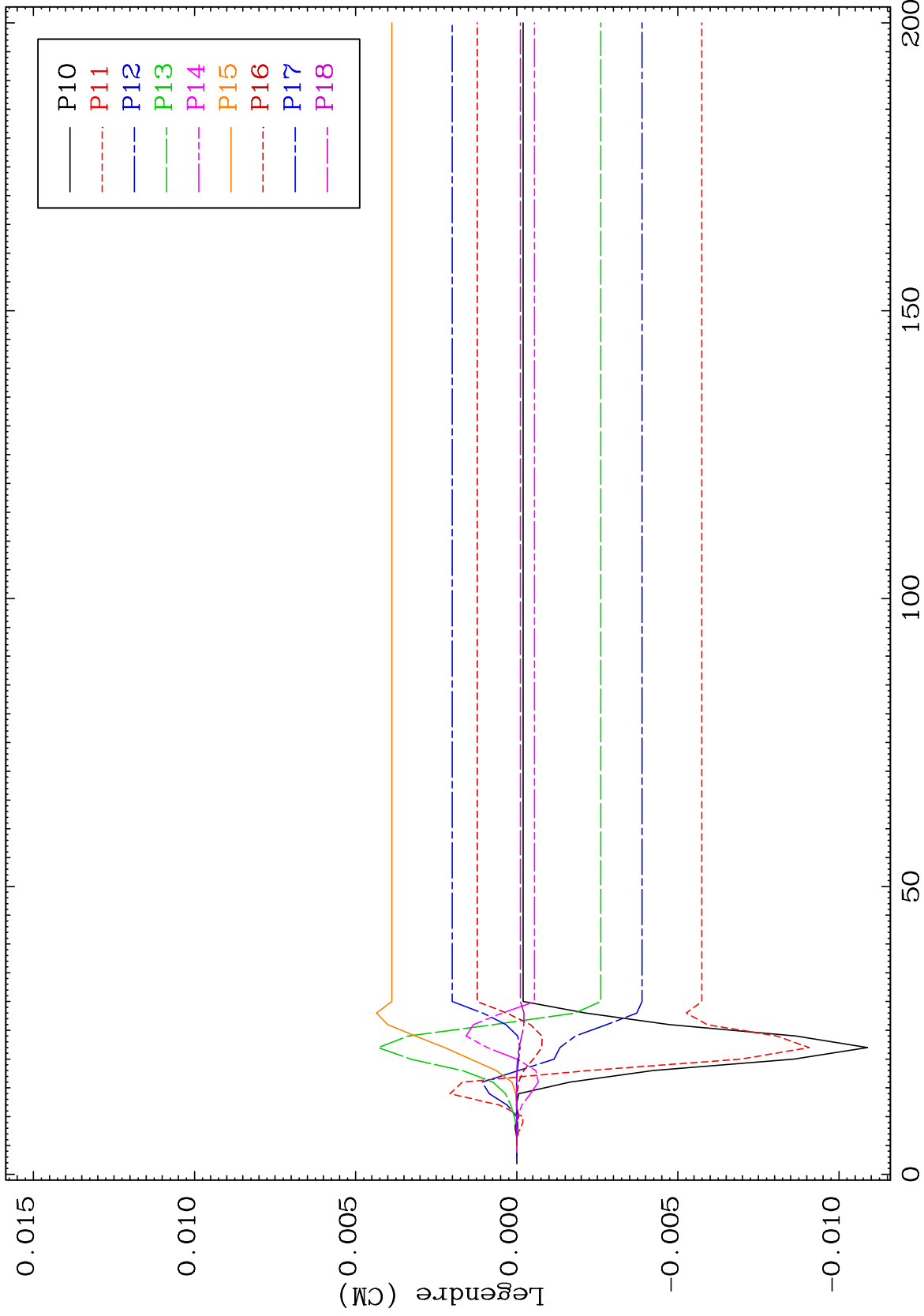
Incident Energy (MeV)

72

MAT 5664

716.3 keV (n,n') Level  
Legendre Coefficients

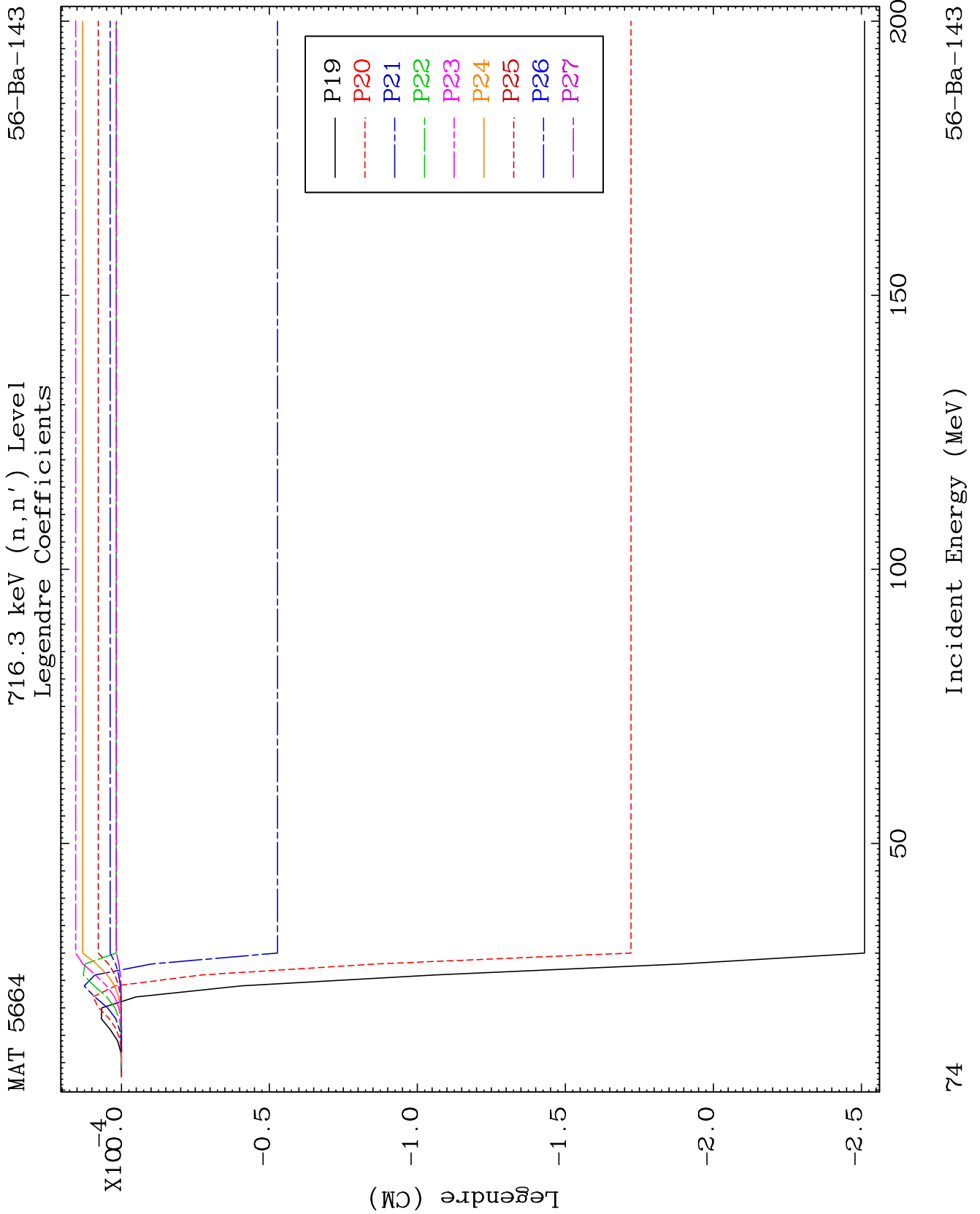
56-Ba-143



73

Incident Energy (MeV)

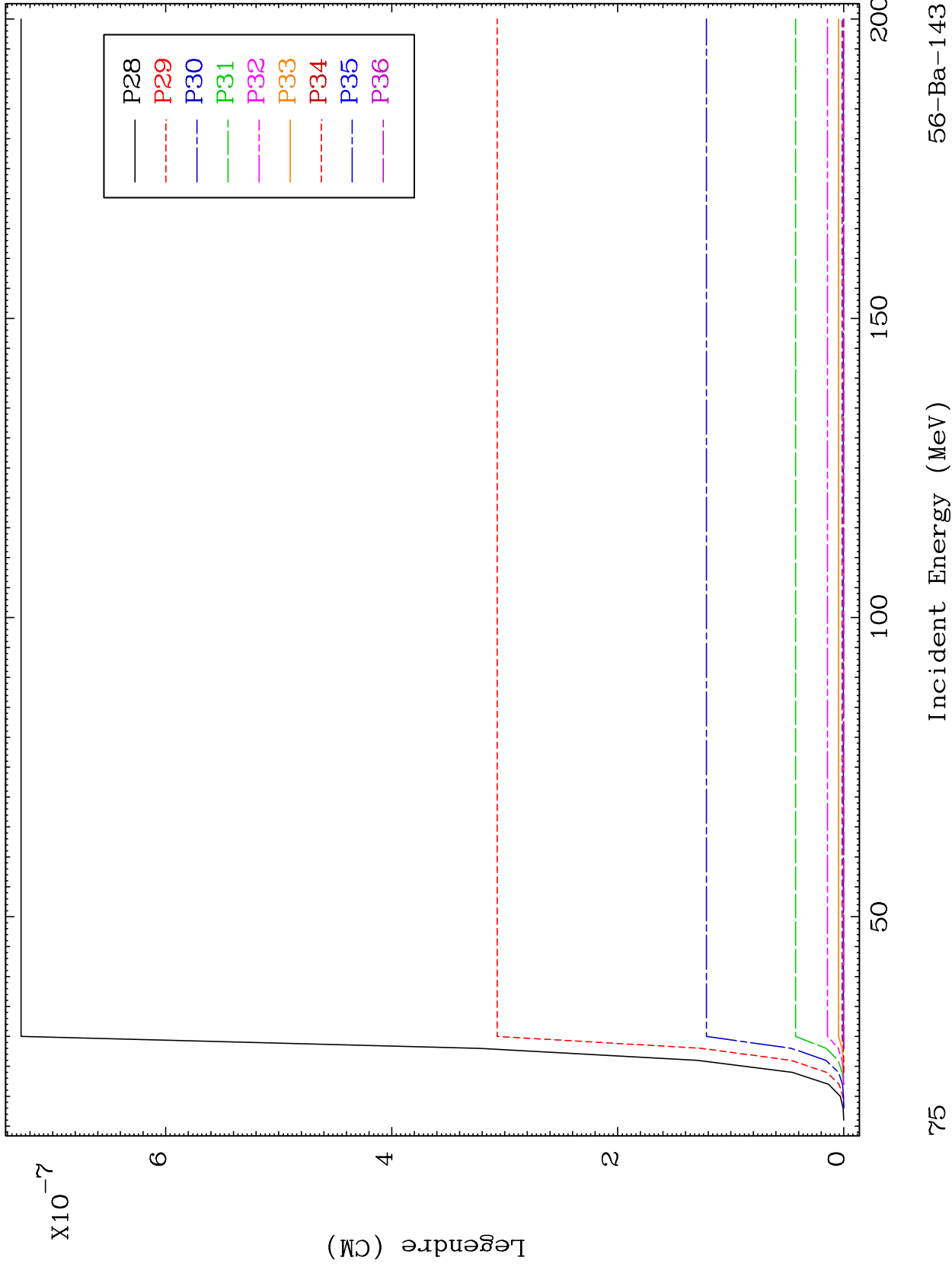
56-Ba-143



MAT 5664

716.3 keV (n, n') Level  
Legendre Coefficients

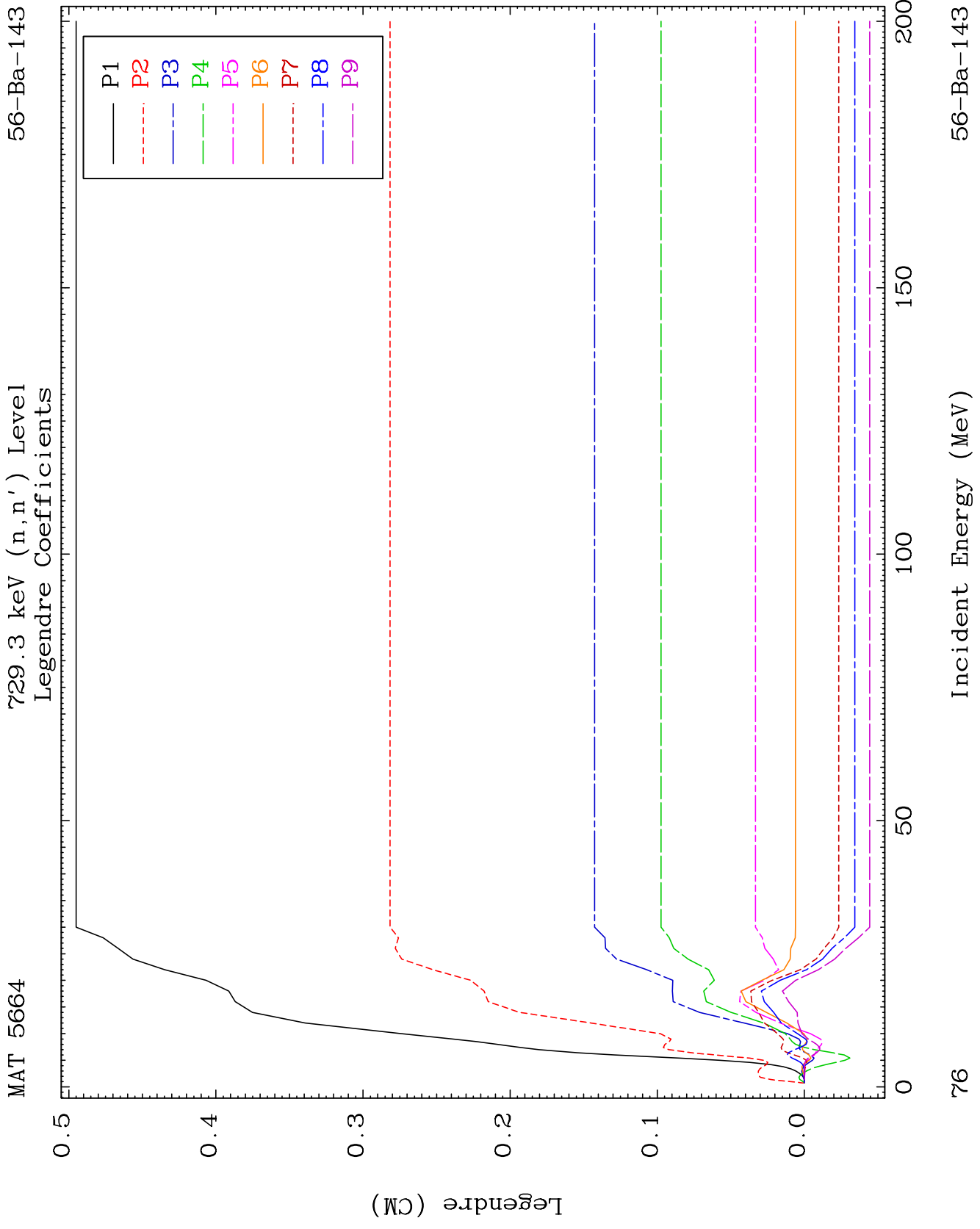
56-Ba-143



56-Ba-143

Incident Energy (MeV)

75

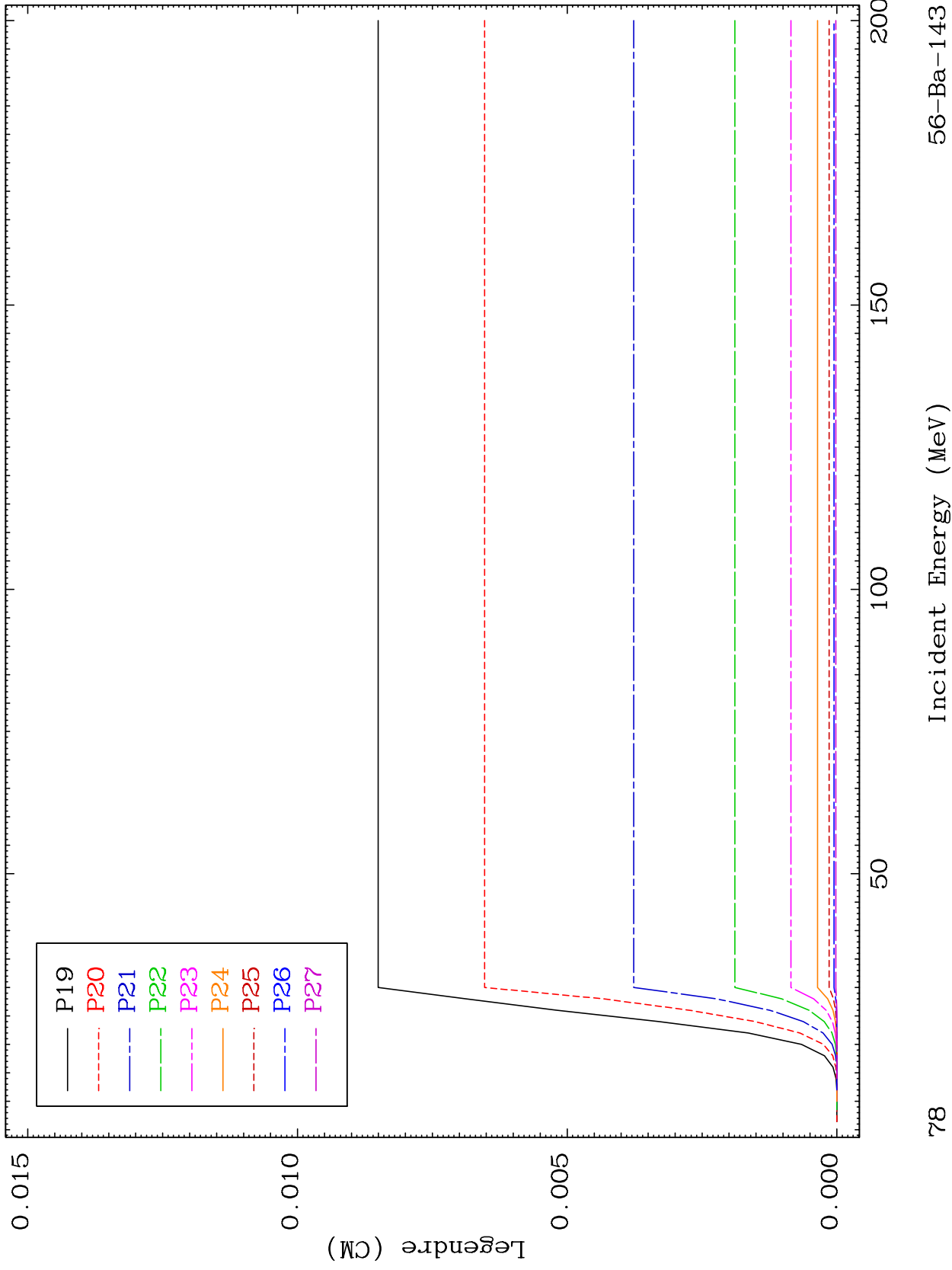




MAT 5664

729.3 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



78

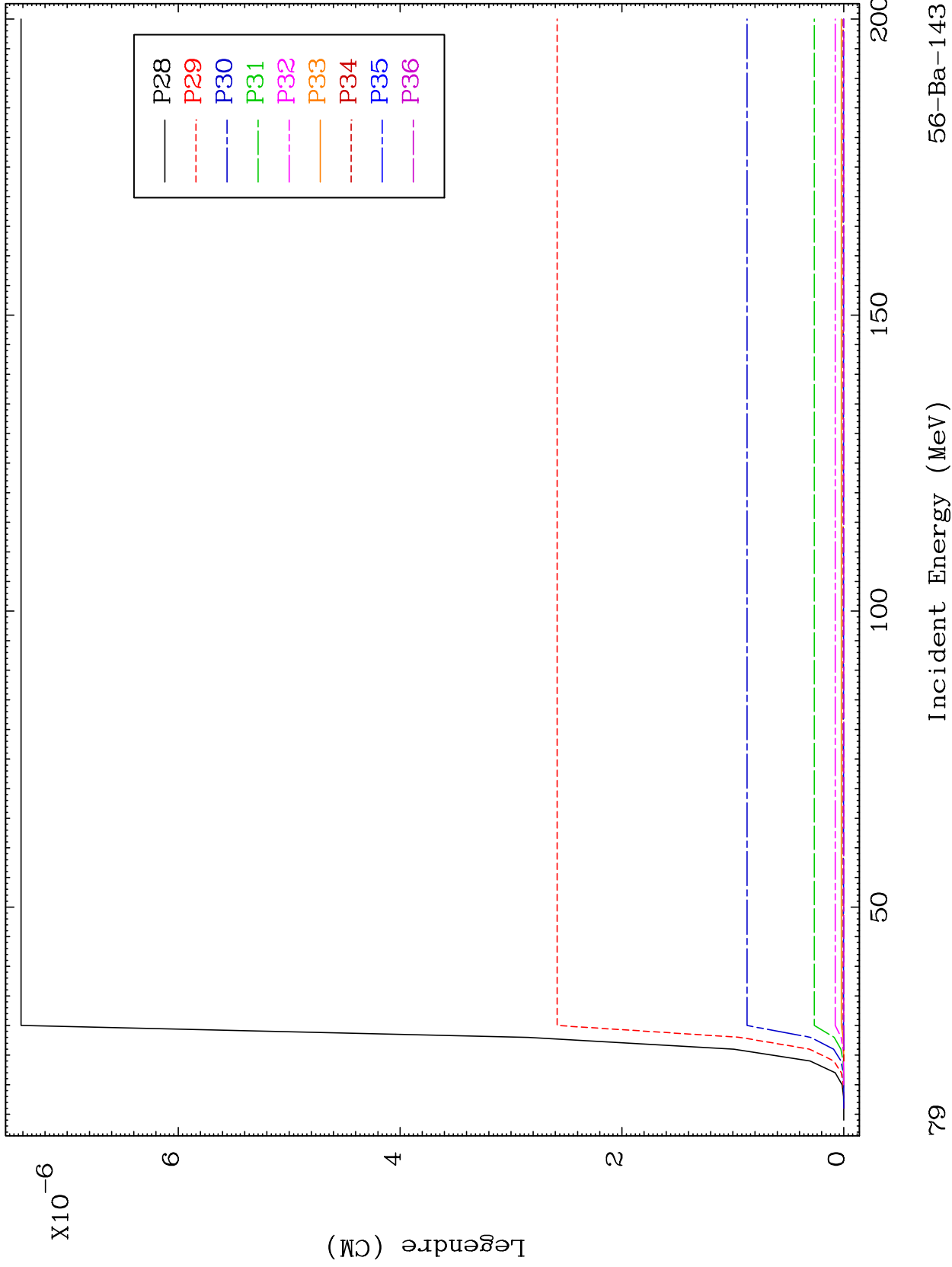
Incident Energy (MeV)

56-Ba-143

MAT 5664

729.3 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



79

Incident Energy (MeV)

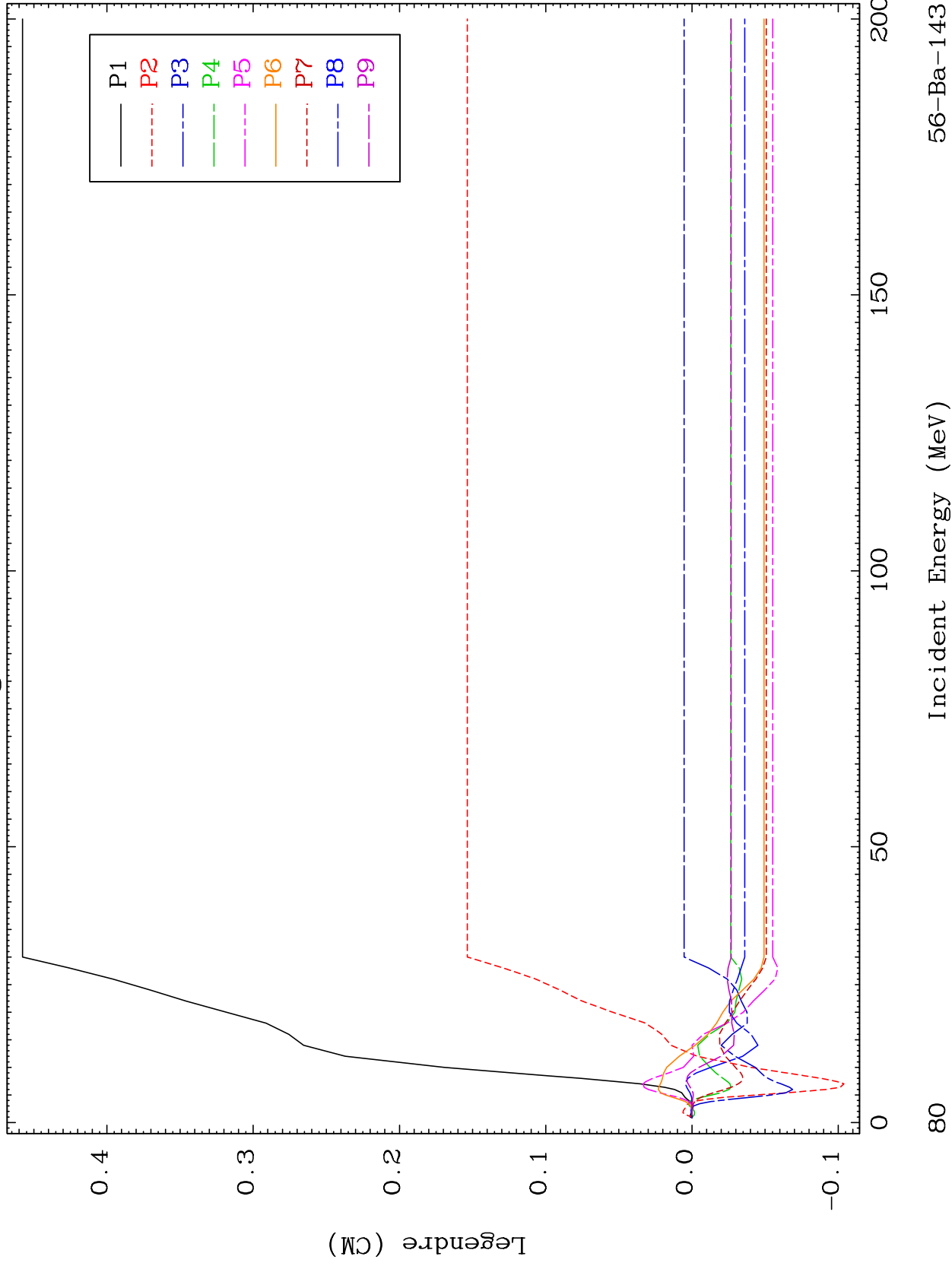
56-Ba-143



MAT 5664

822.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143

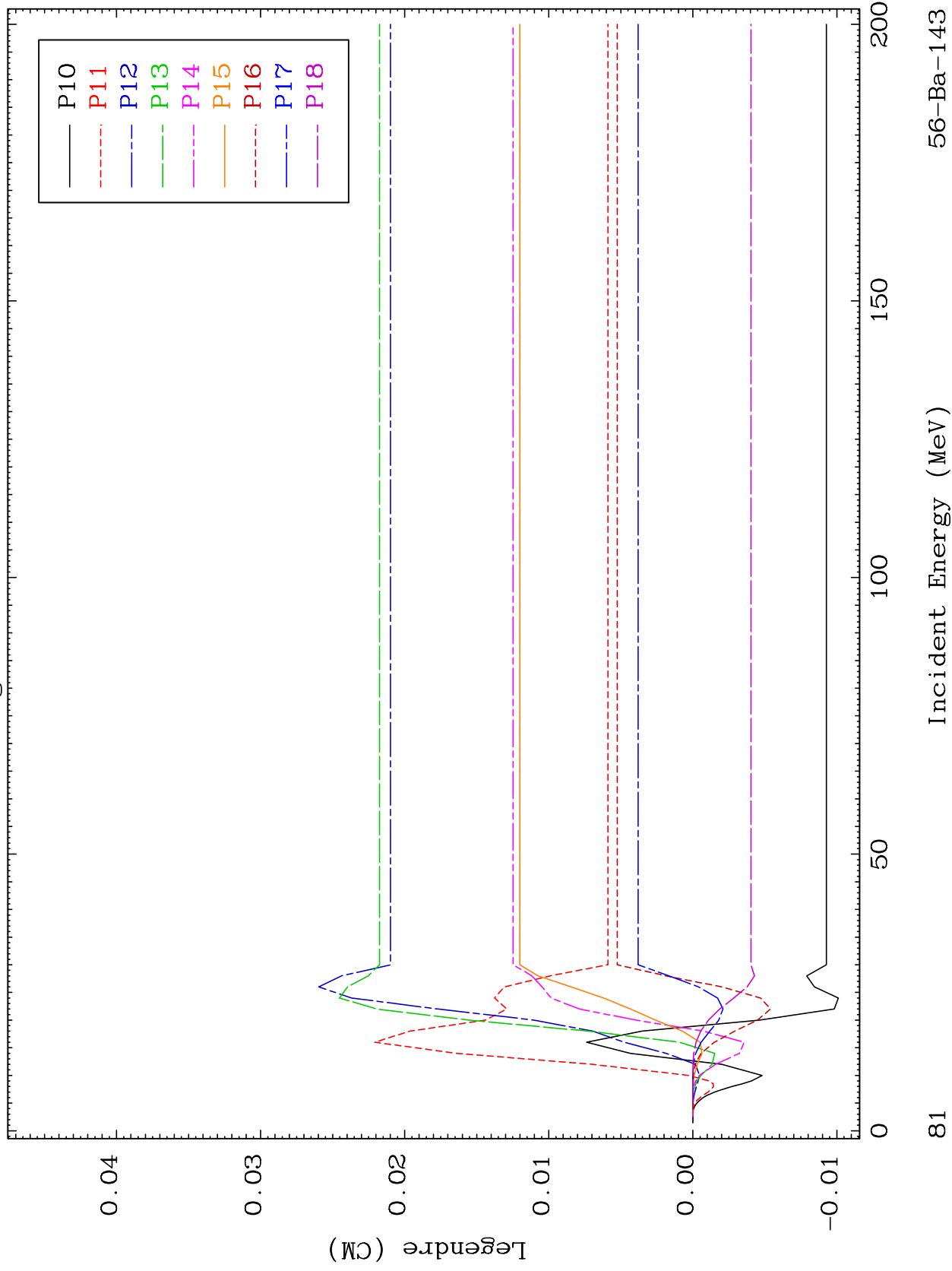


56-Ba-143

MAT 5664

822.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



81

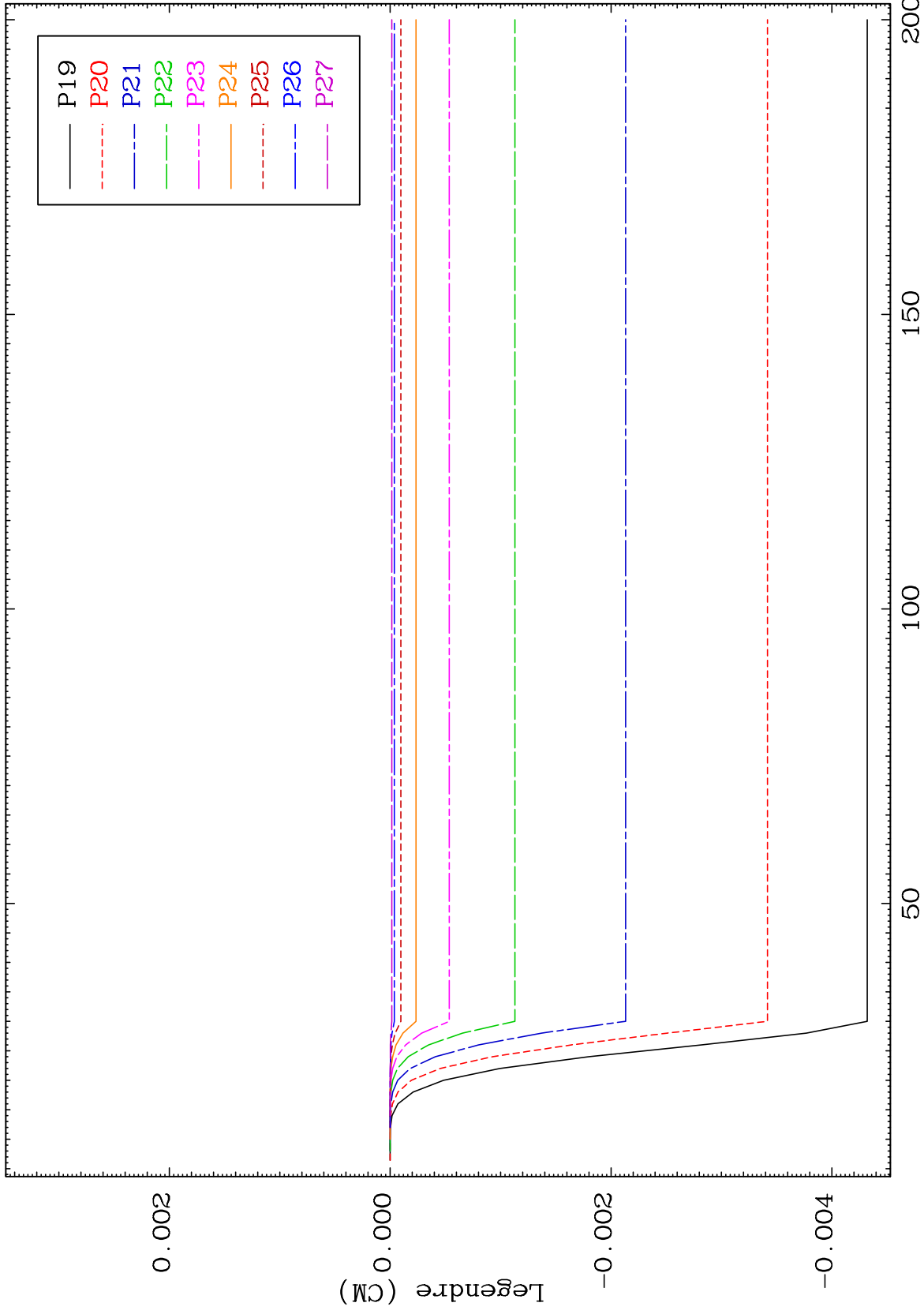
Incident Energy (MeV)

56-Ba-143

MAT 5664

822.7 keV (n,n') Level  
Legendre Coefficients

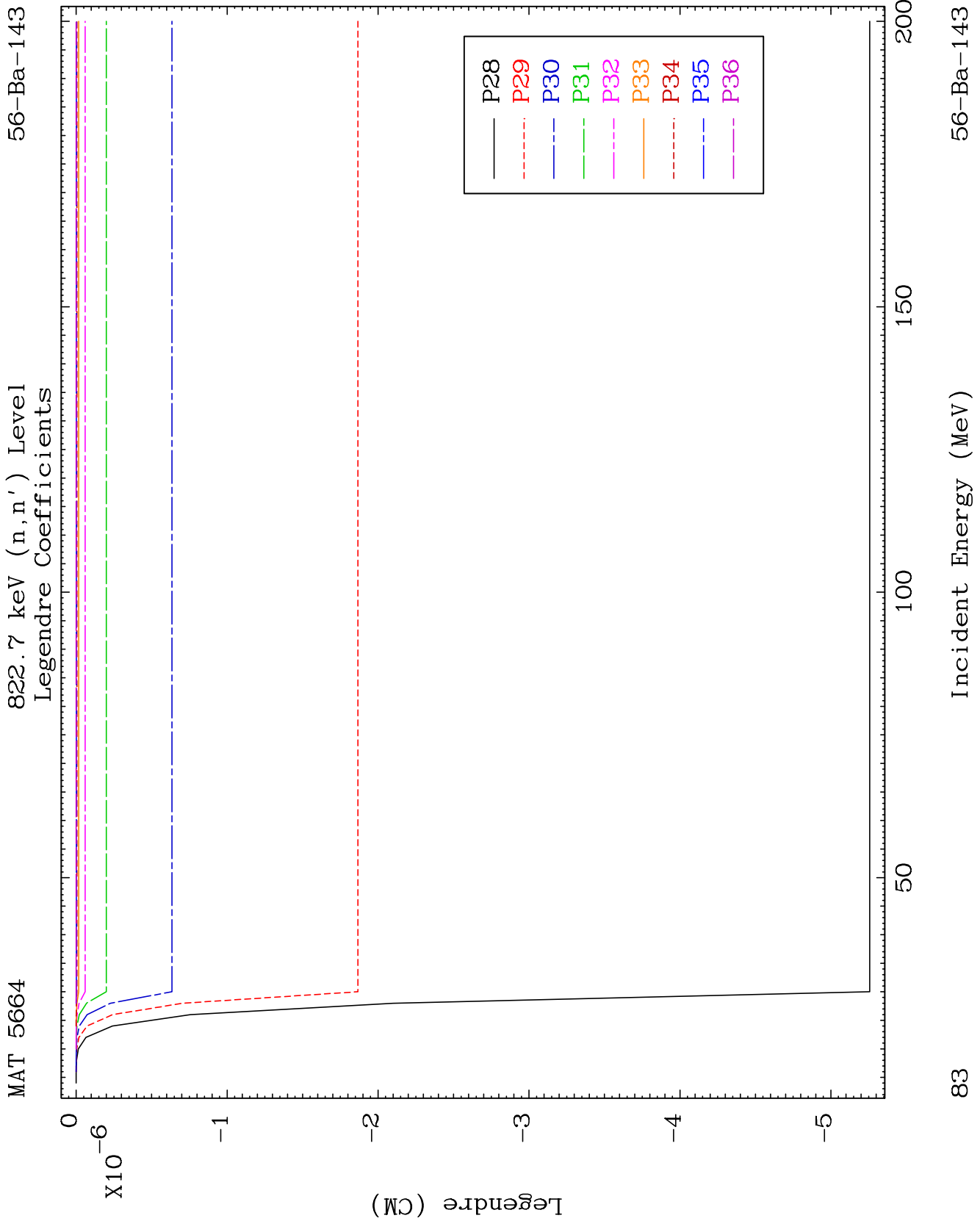
56-Ba-143



82

Incident Energy (MeV)

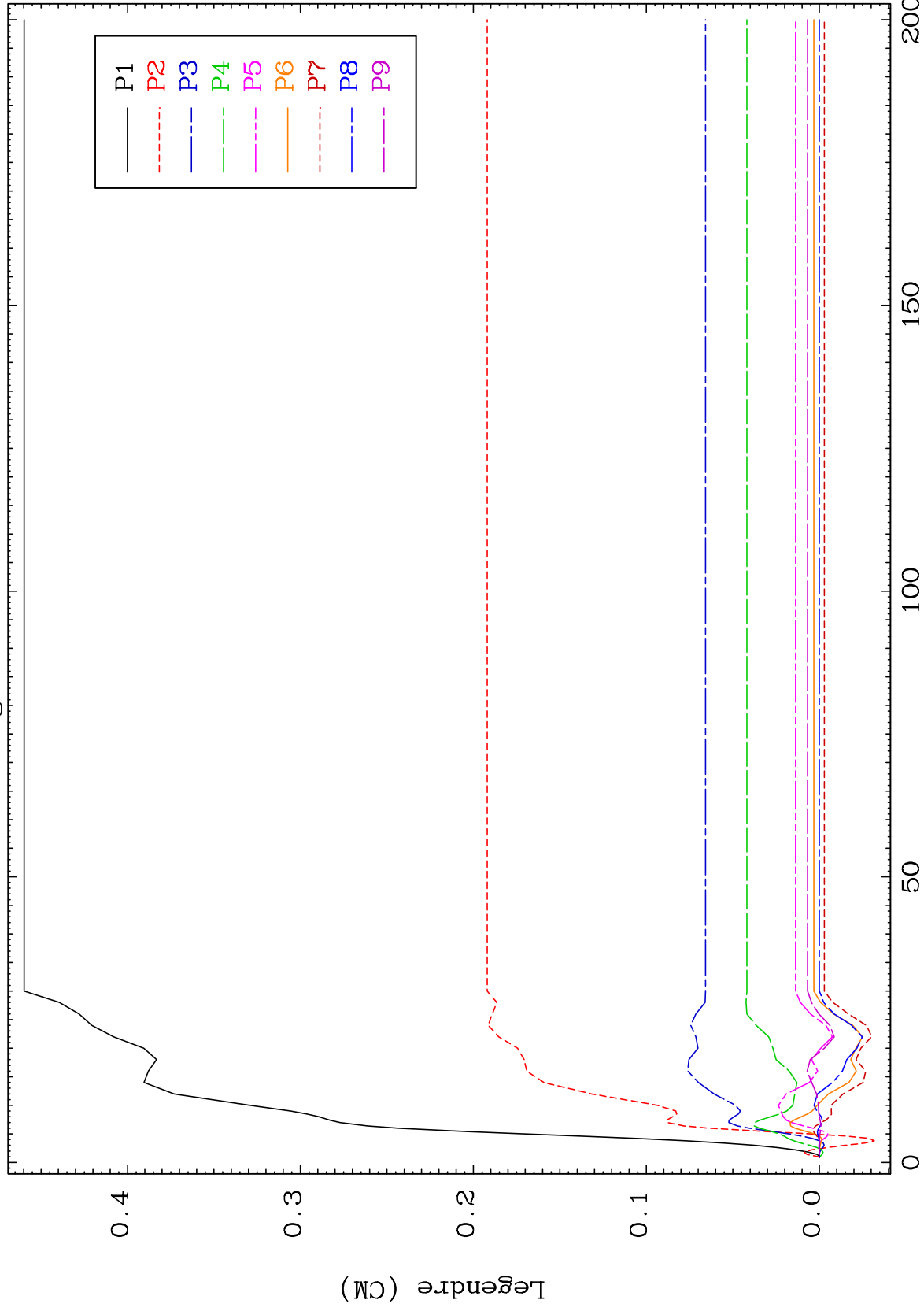
56-Ba-143



MAT 5664

830.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



84

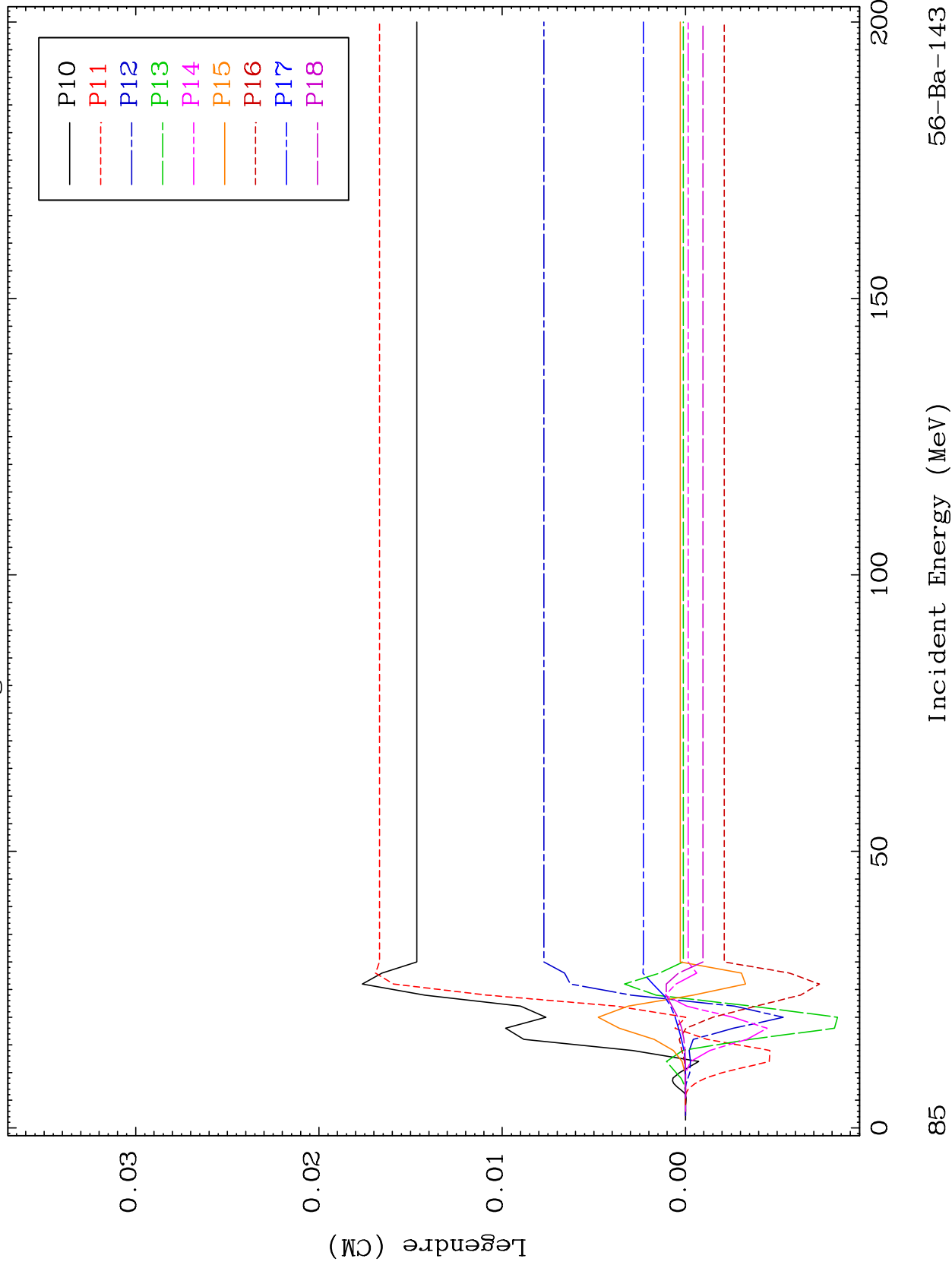
Incident Energy (MeV)

56-Ba-143

MAT 5664

830.8 keV (n,n') Level  
Legendre Coefficients

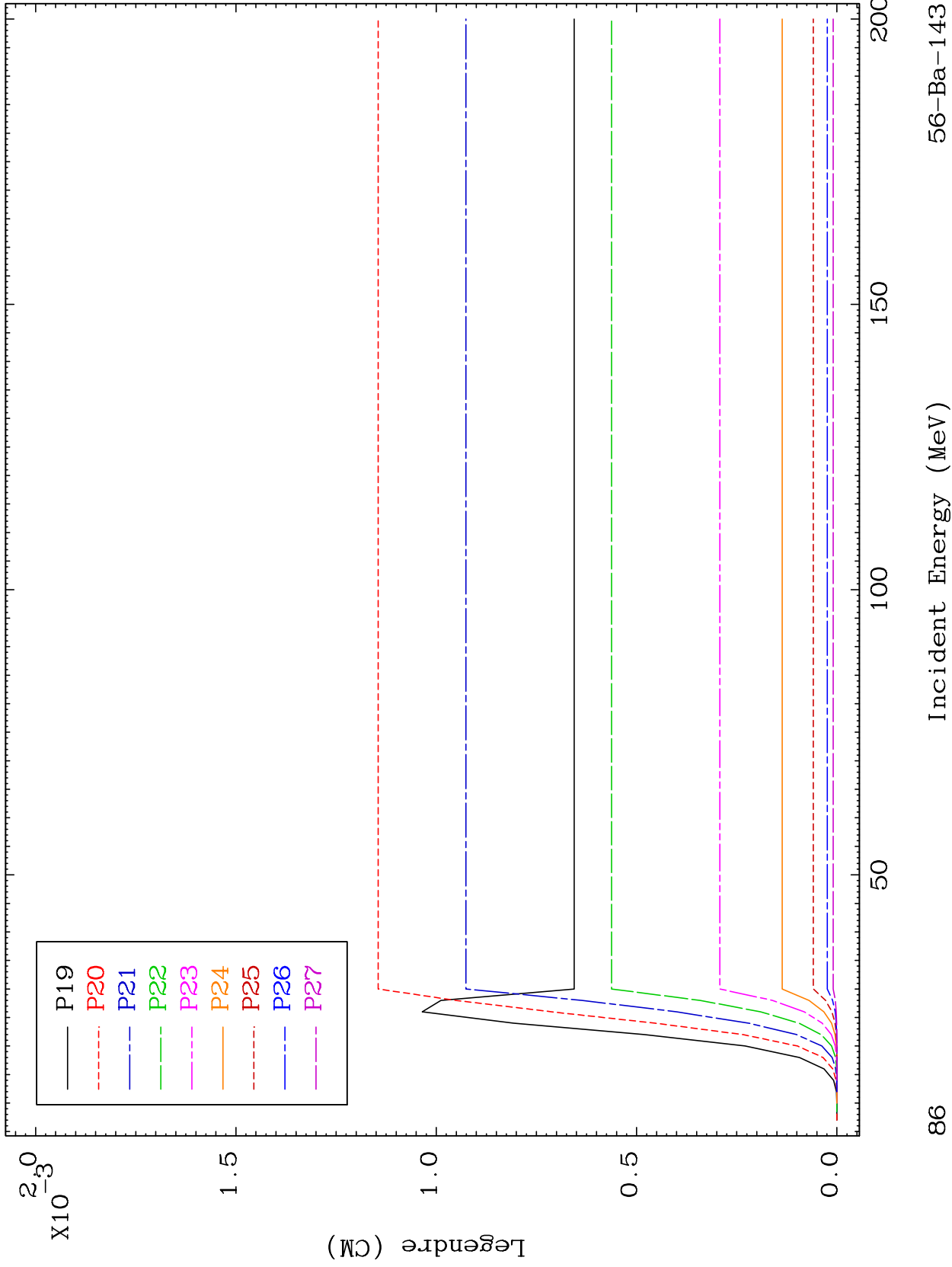
56-Ba-143



56-Ba-143

Incident Energy (MeV)

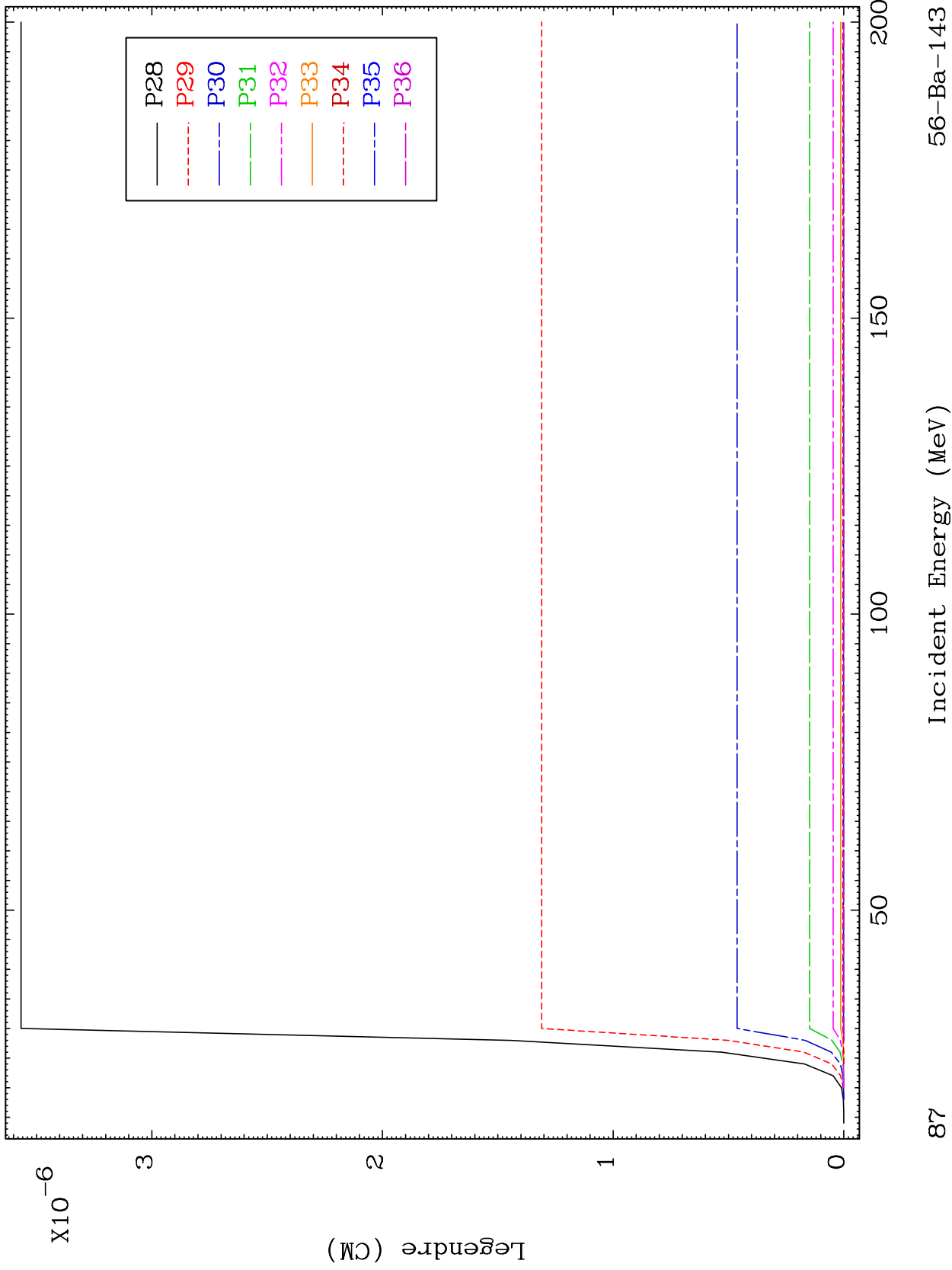
85



MAT 5664

830.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143

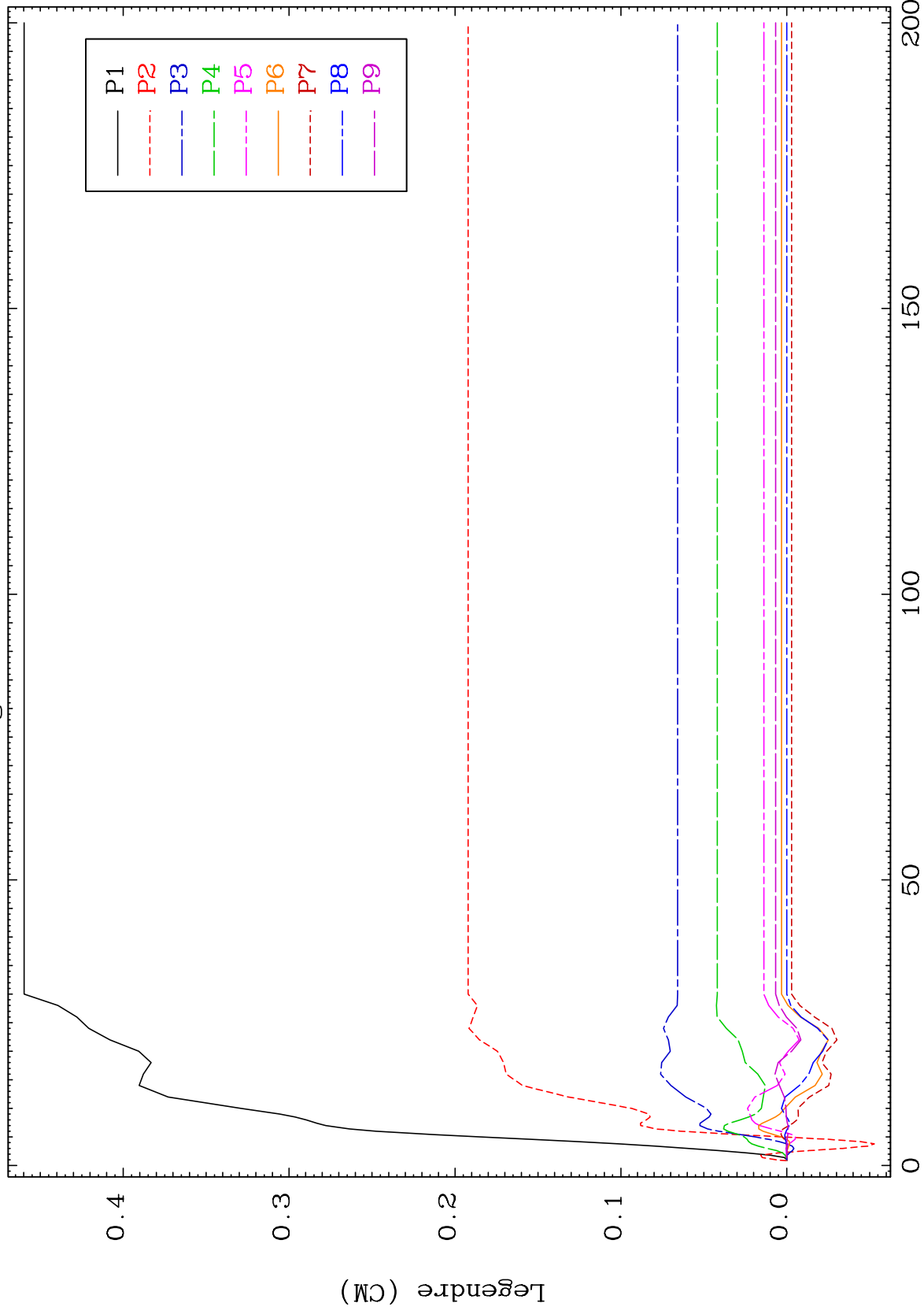




MAT 5664

834.1 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



88

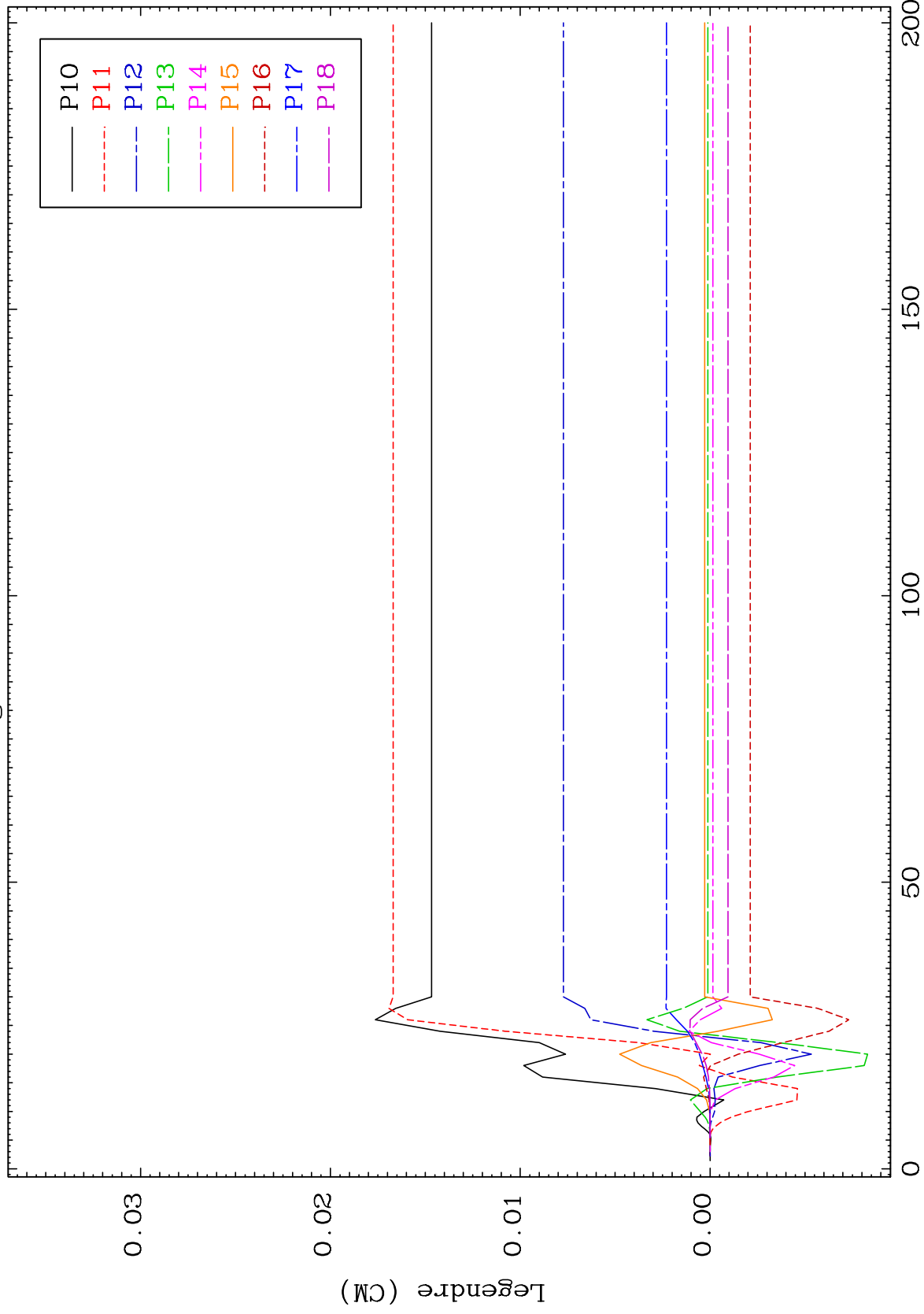
Incident Energy (MeV)

56-Ba-143

MAT 5664

834.1 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



89

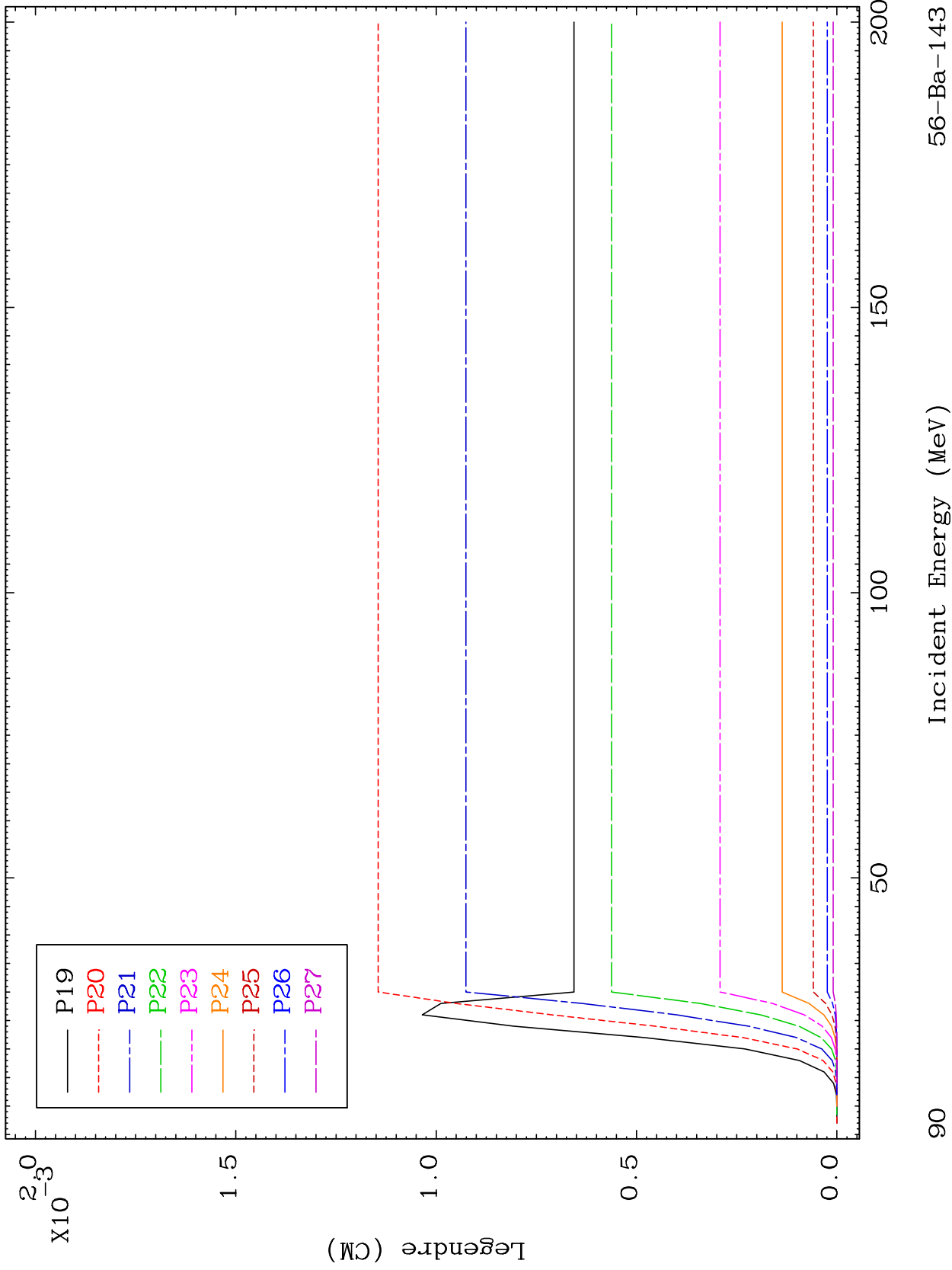
Incident Energy (MeV)

56-Ba-143

MAT 5664

834.1 keV (n, n') Level  
Legendre Coefficients

56-Ba-143



90

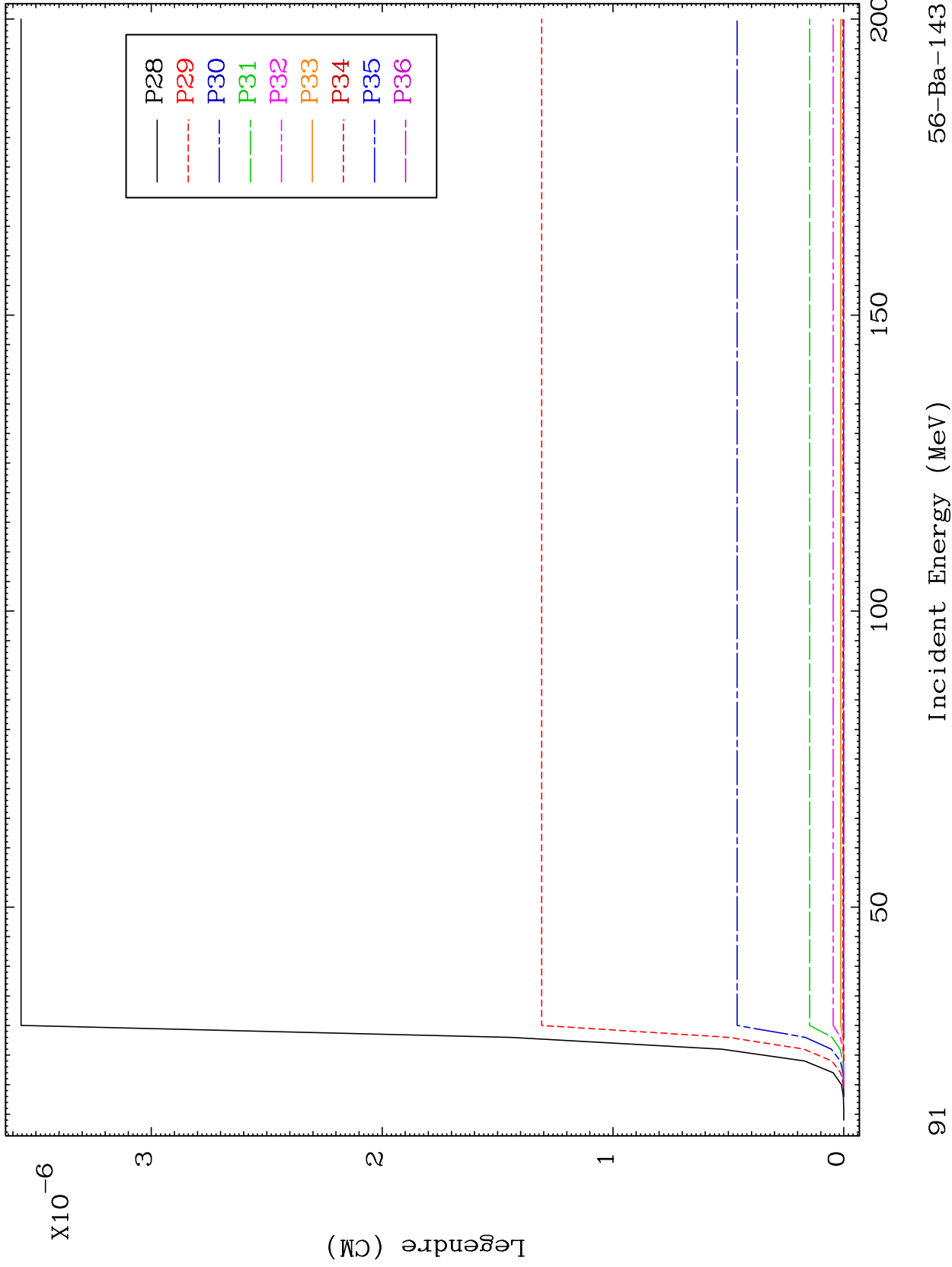
Incident Energy (MeV)

56-Ba-143

MAT 5664

834.1 keV (n,n') Level  
Legendre Coefficients

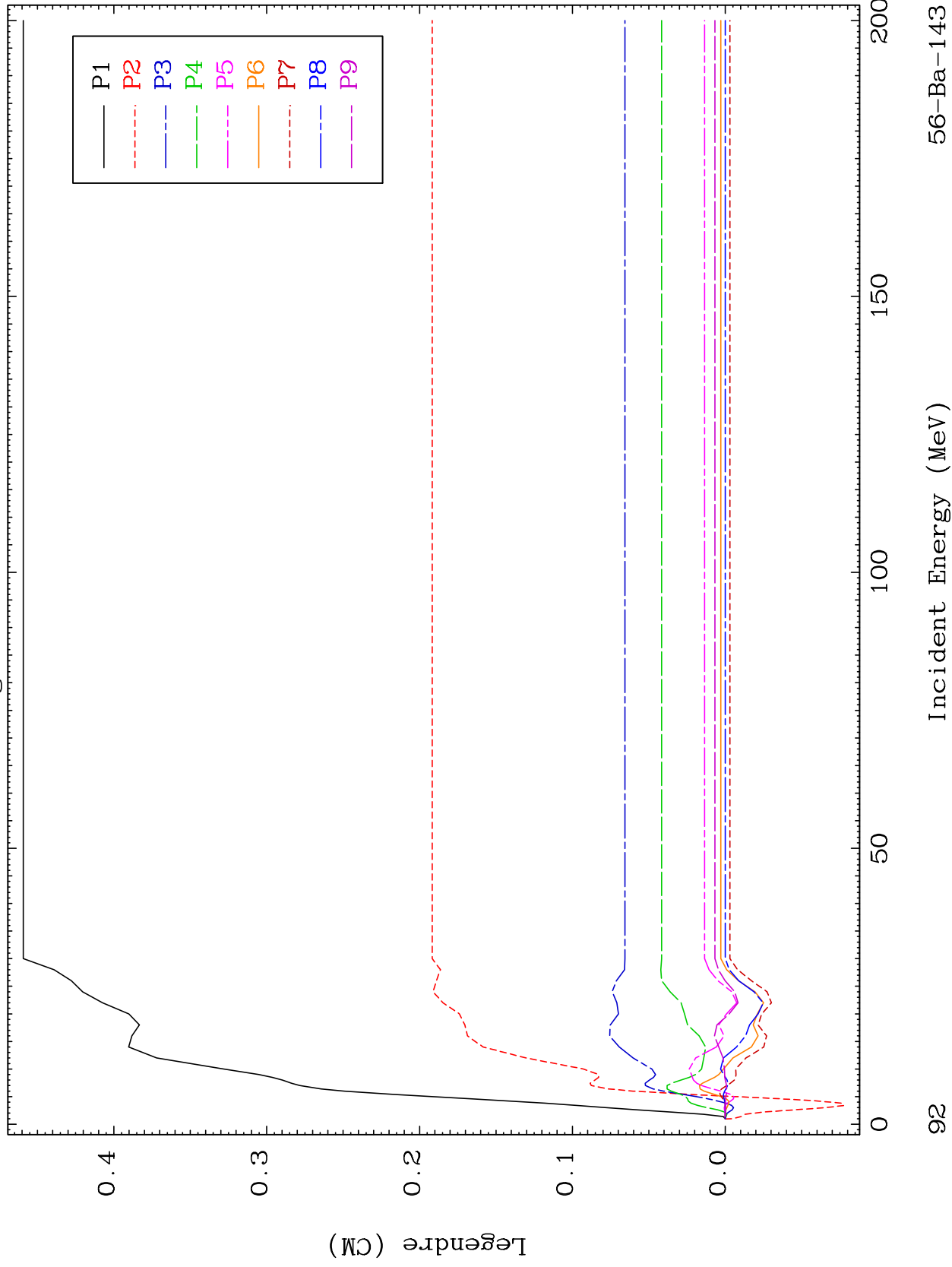
56-Ba-143



MAT 5664

933.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

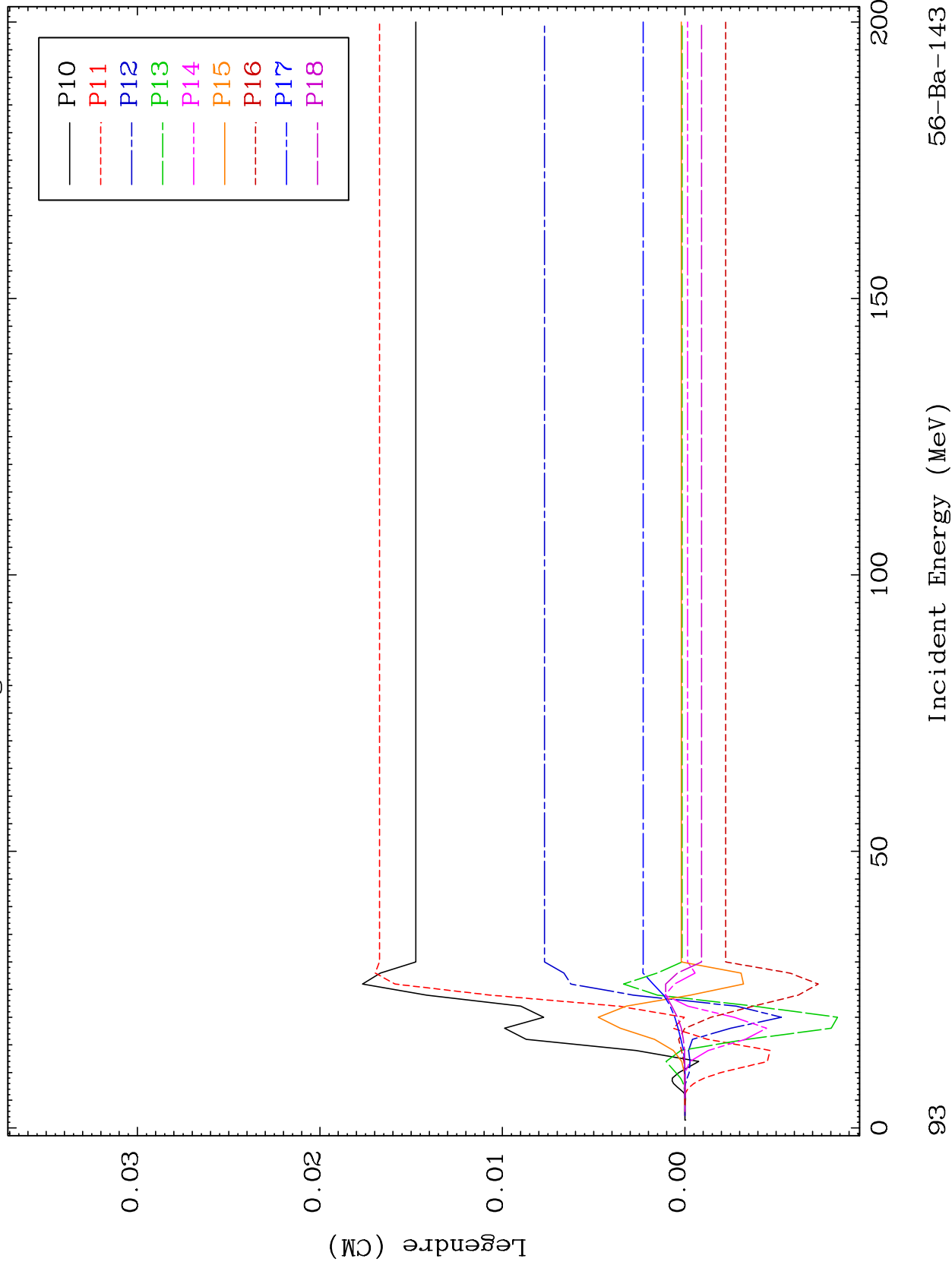
Incident Energy (MeV)

92

MAT 5664

933.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

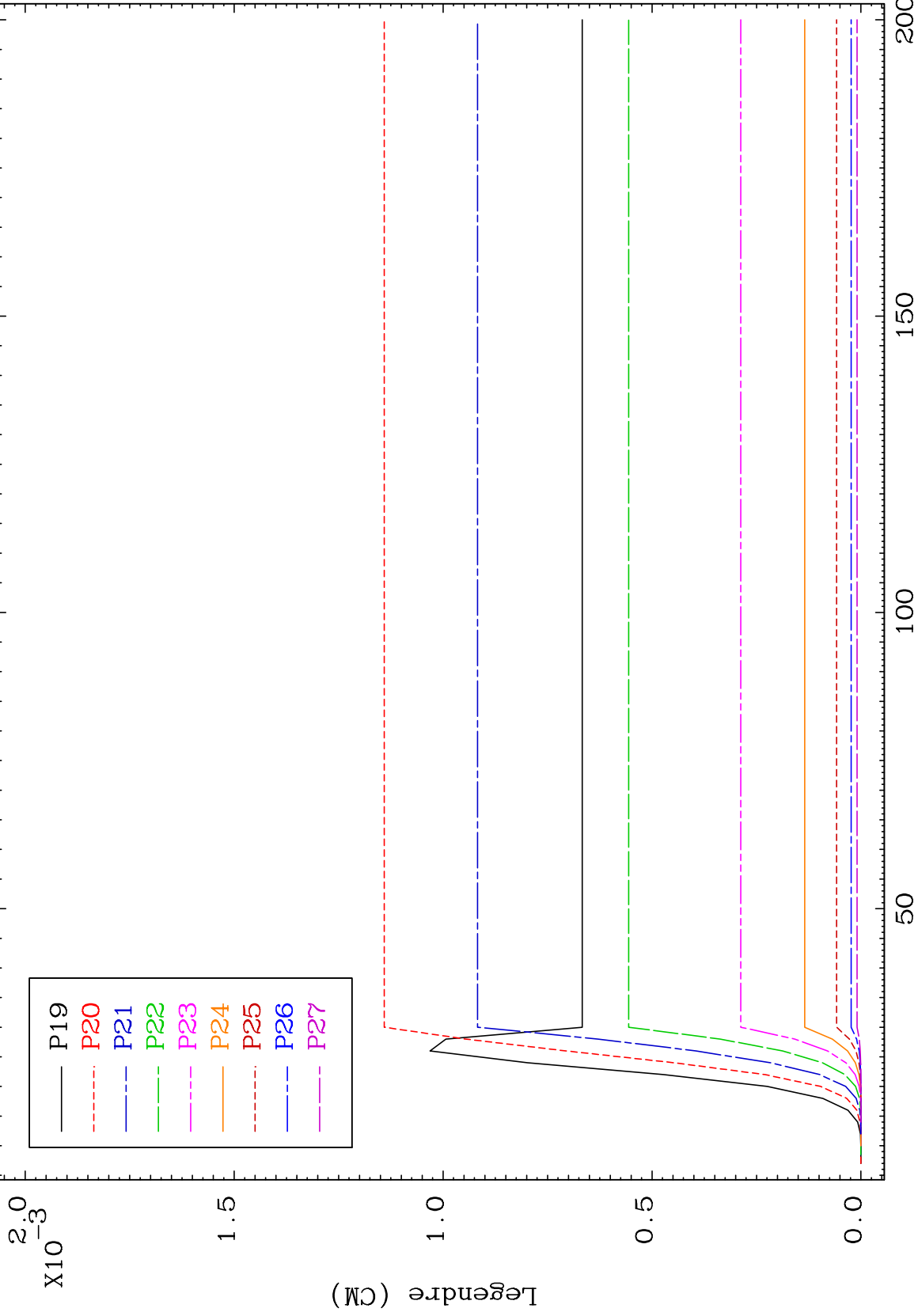
Incident Energy (MeV)

93

MAT 5664

933.7 keV (n, n') Level  
Legendre Coefficients

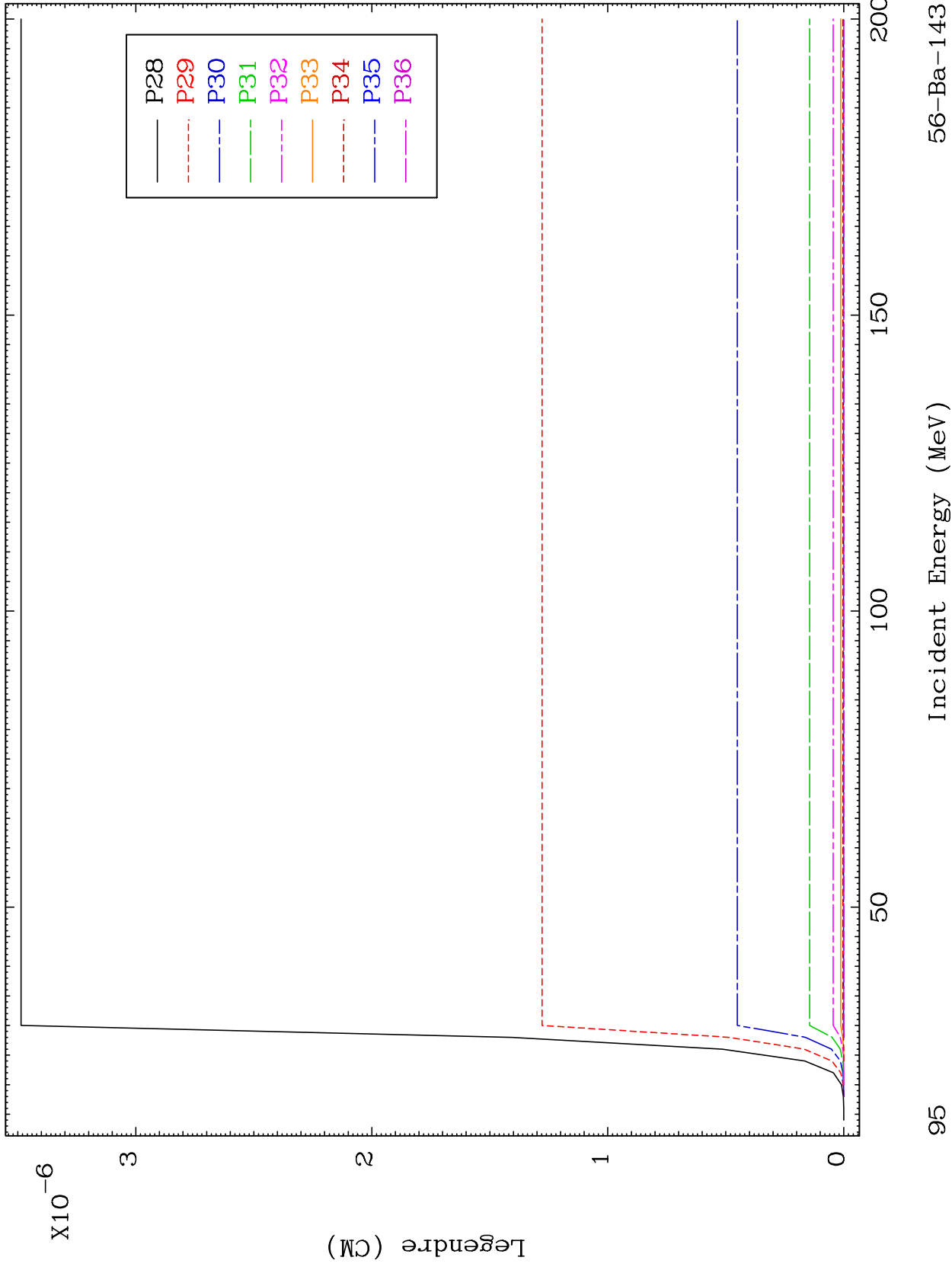
56-Ba-143



MAT 5664

933.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-143

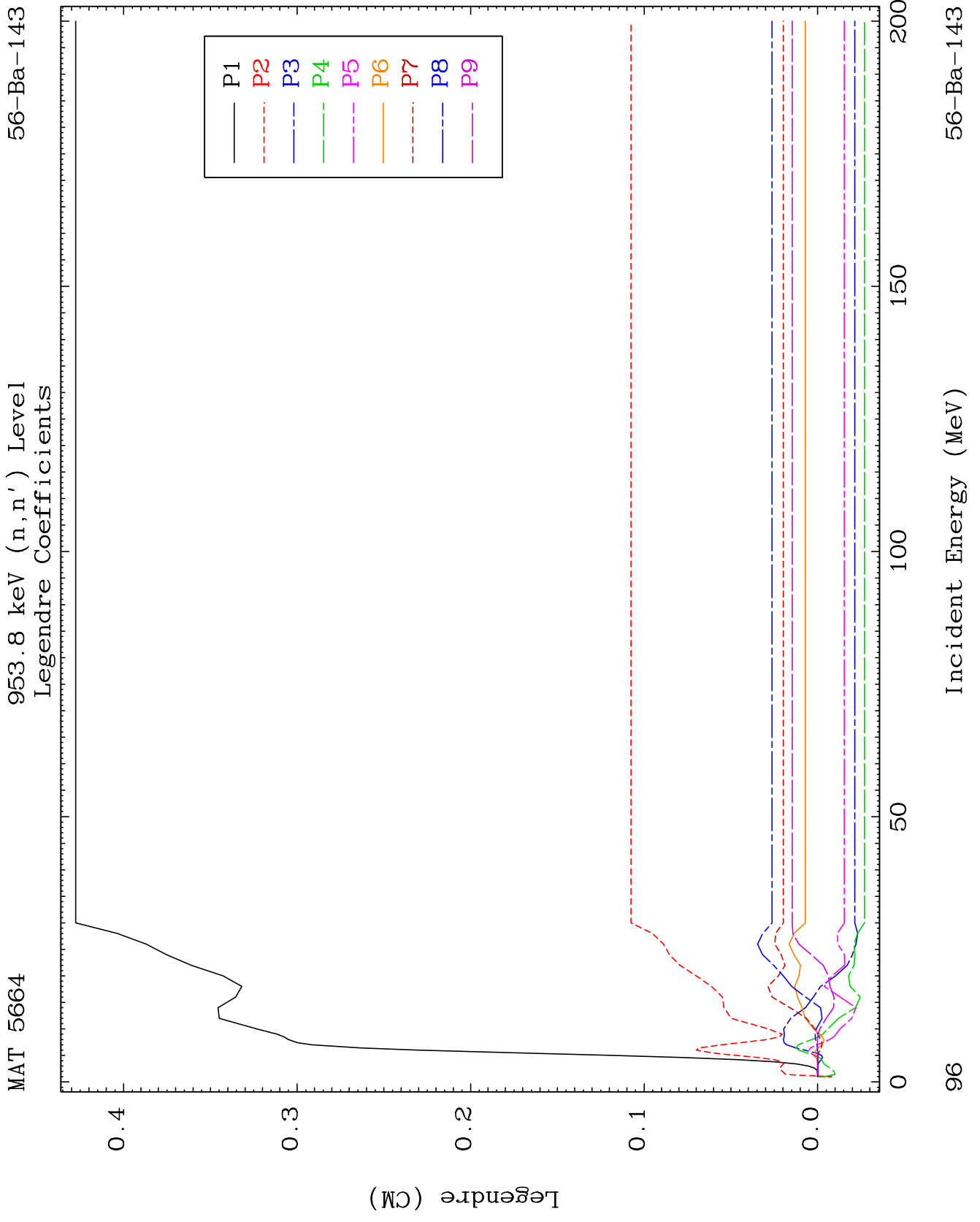


95

Incident Energy (MeV)

56-Ba-143

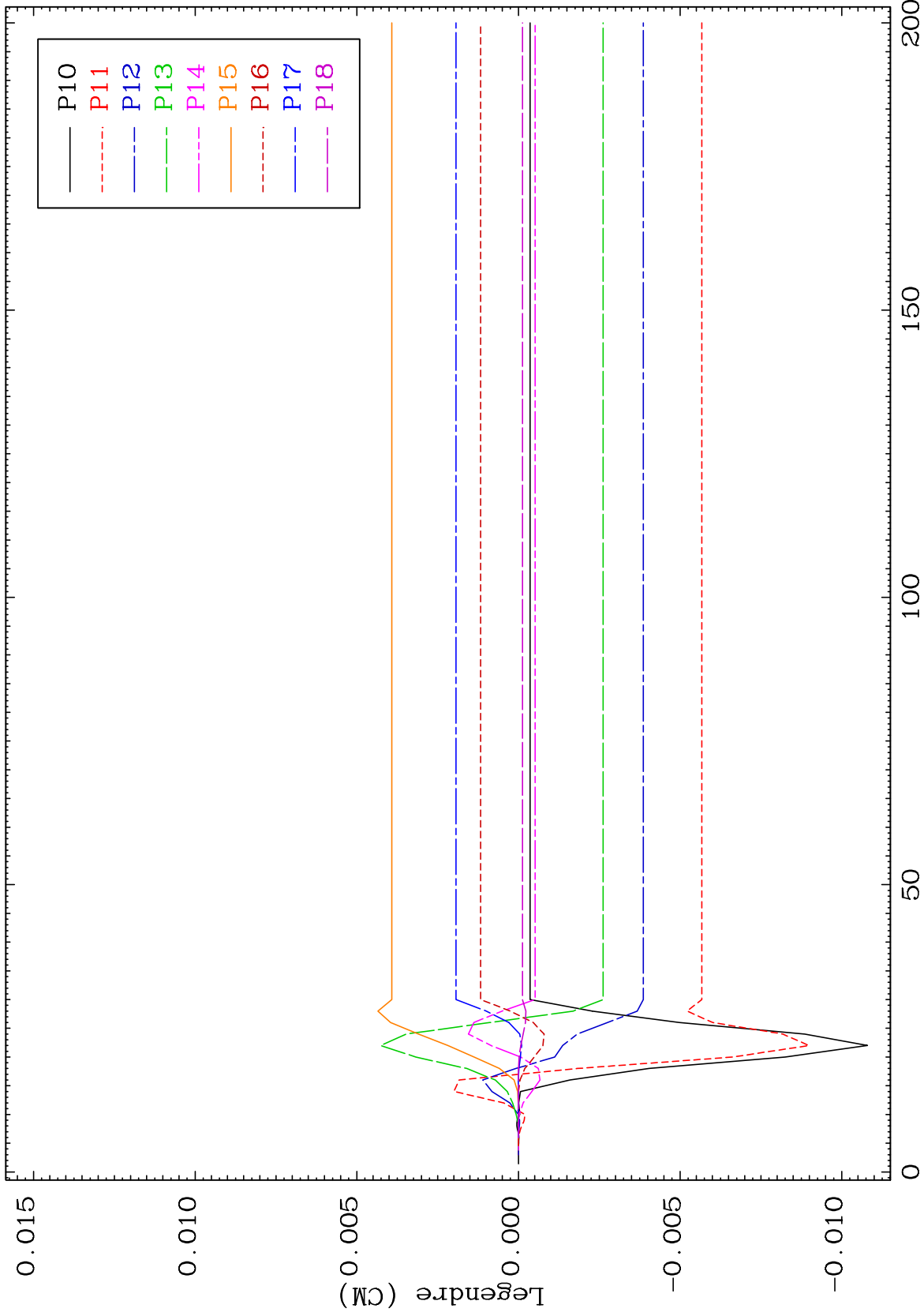




MAT 5664

953.8 keV (n,n') Level  
Legendre Coefficients

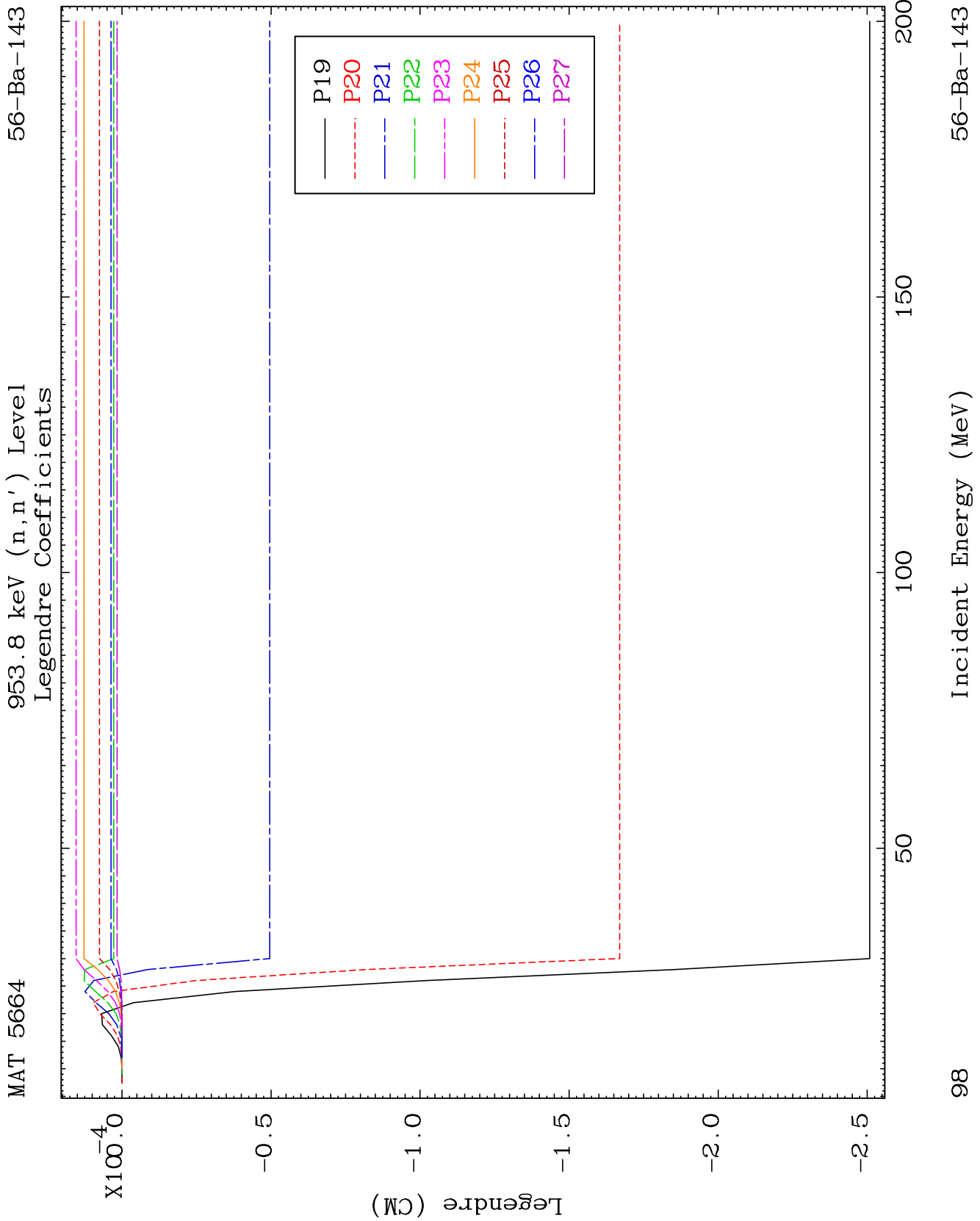
56-Ba-143



97

Incident Energy (MeV)

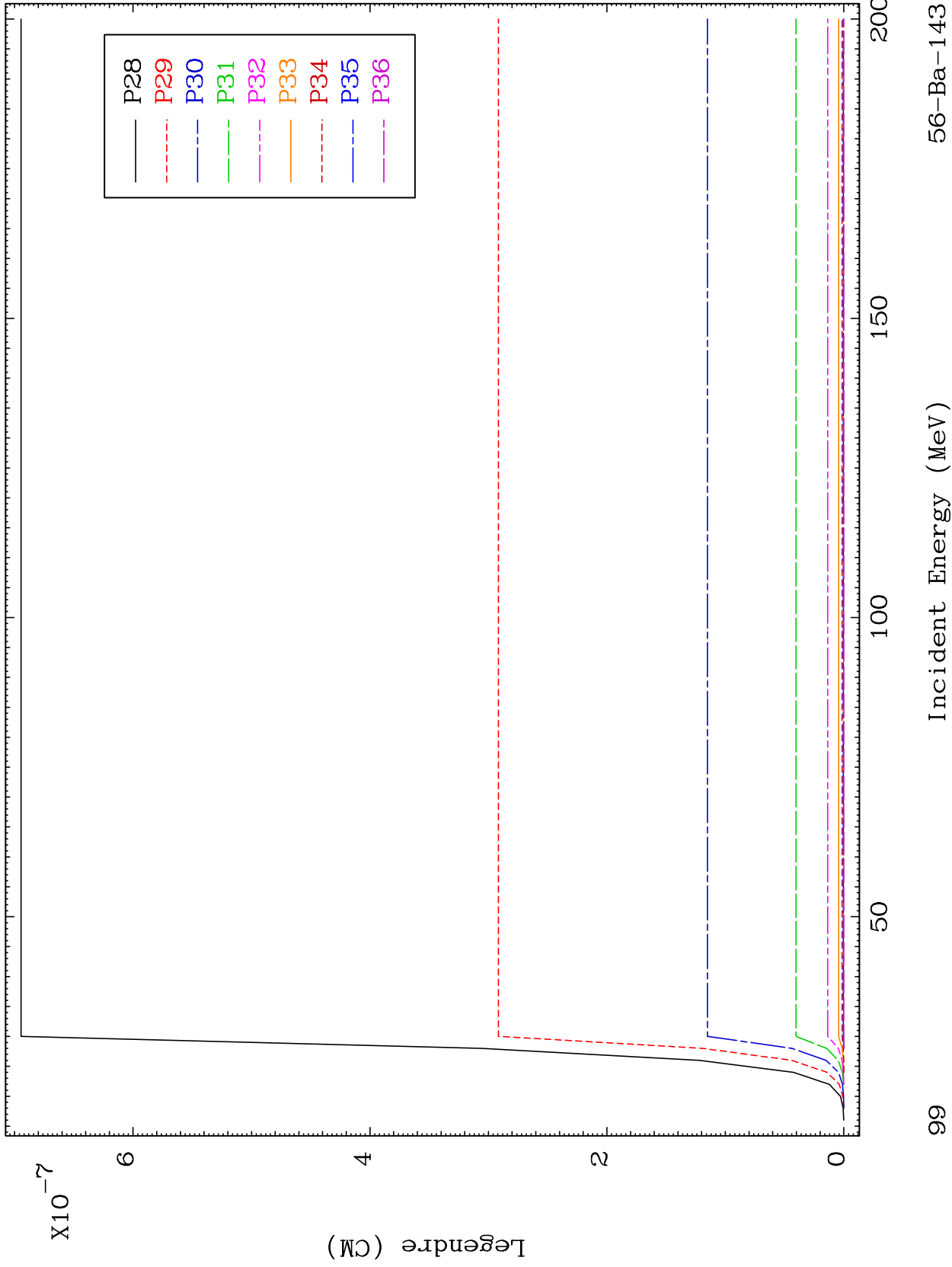
56-Ba-143



MAT 5664

953.8 keV (n,n') Level  
Legendre Coefficients

56-Ba-143

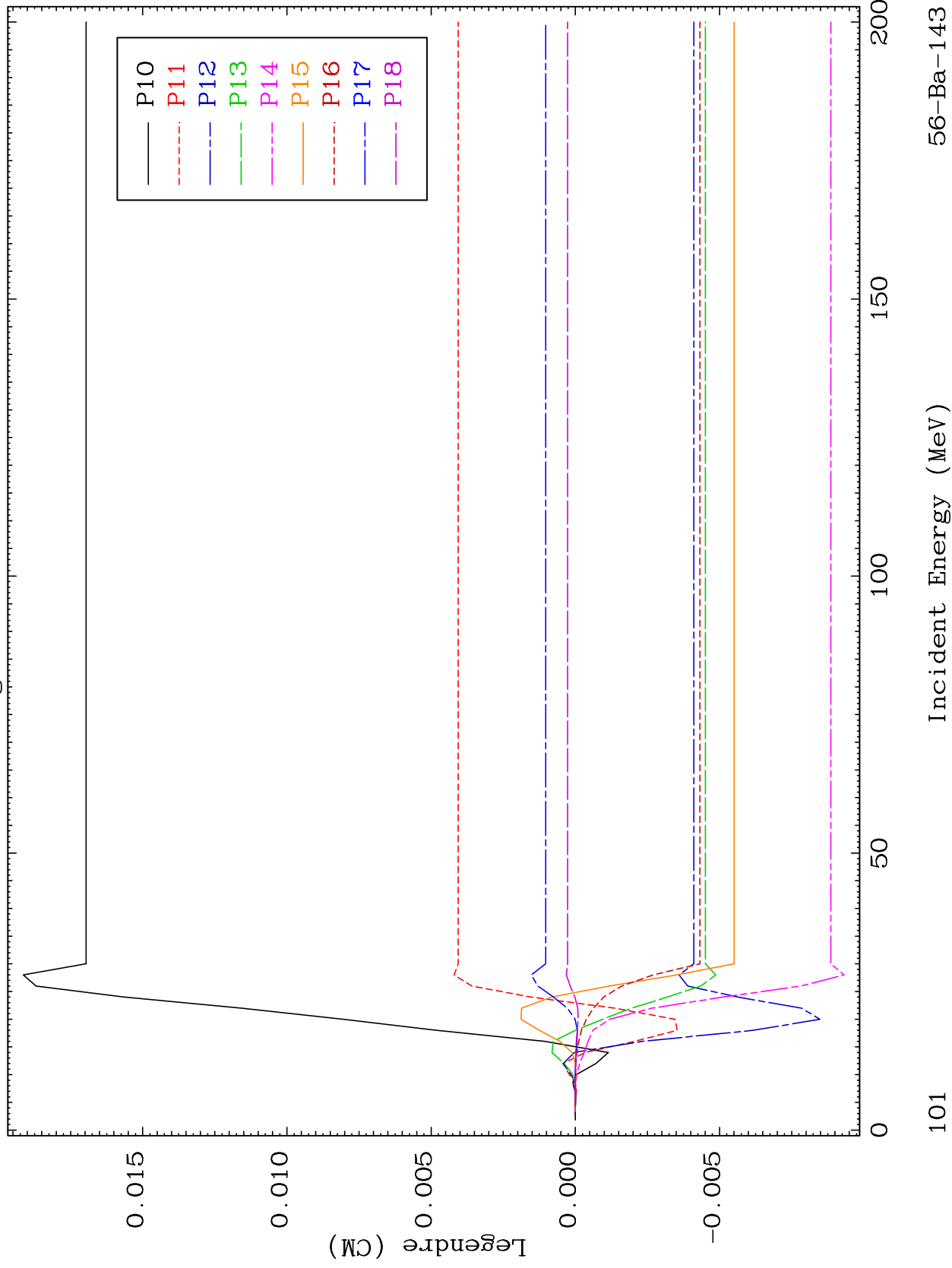




MAT 5664

1.067 MeV (n,n') Level  
Legendre Coefficients

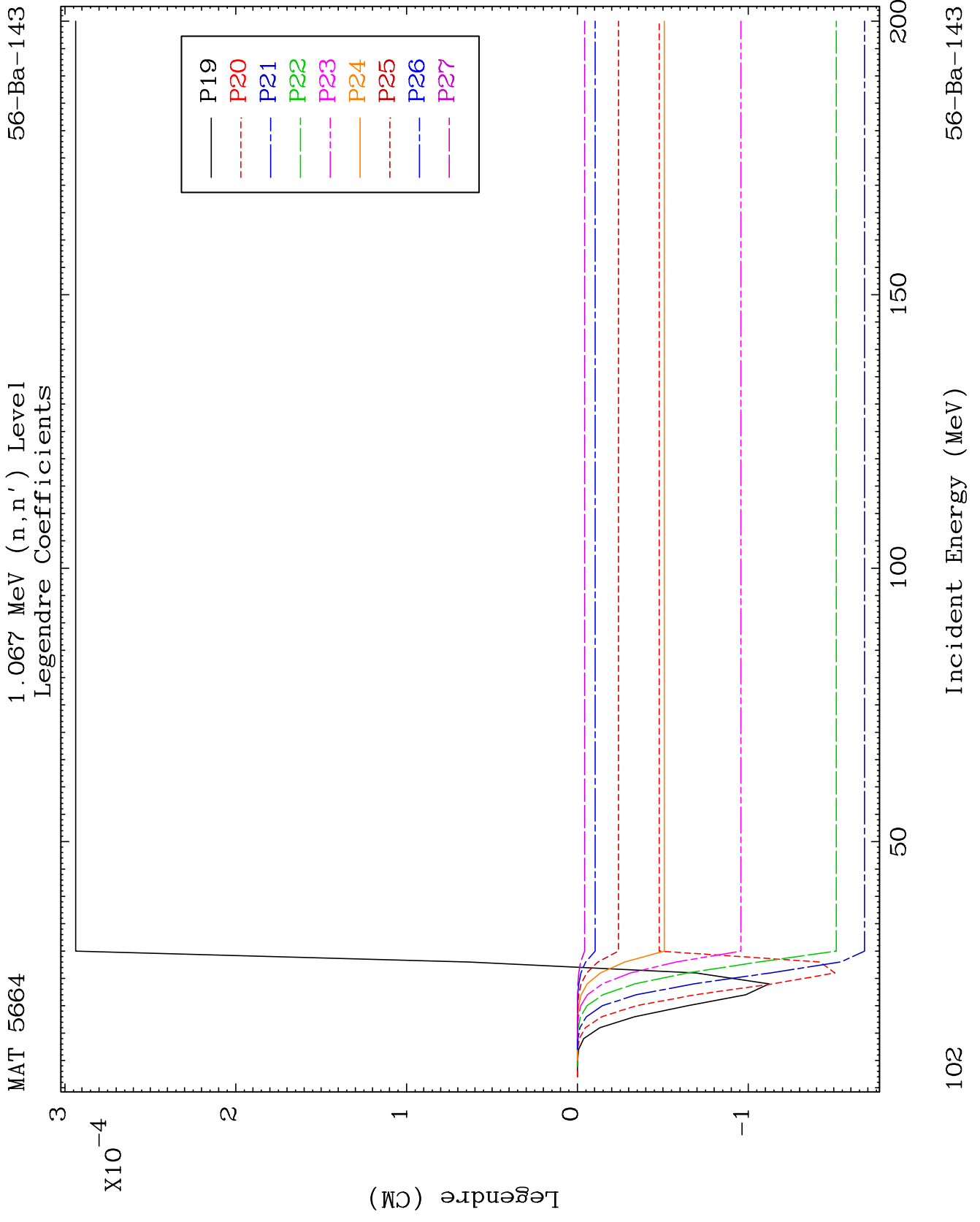
56-Ba-143

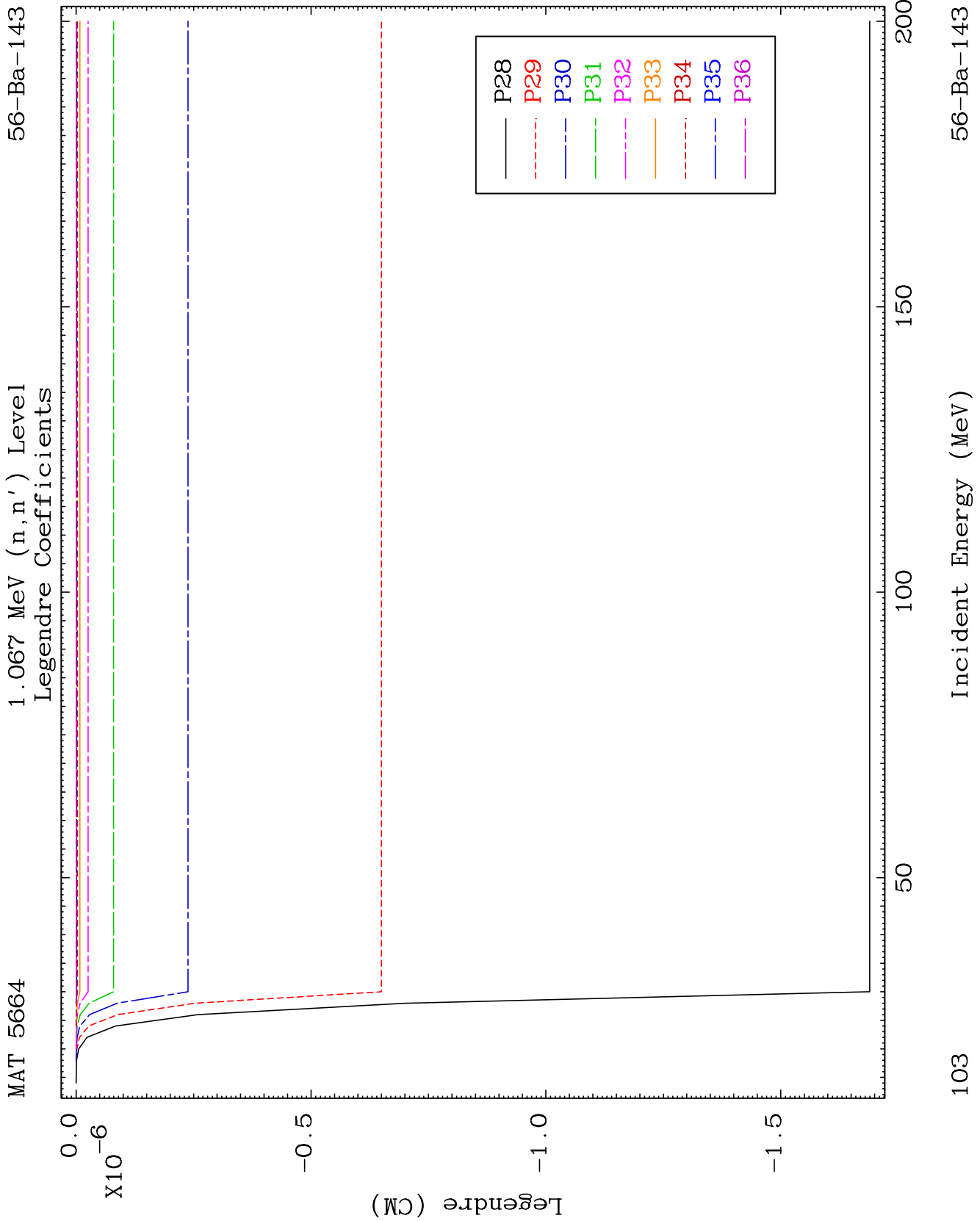


101

Incident Energy (MeV)

56-Ba-143



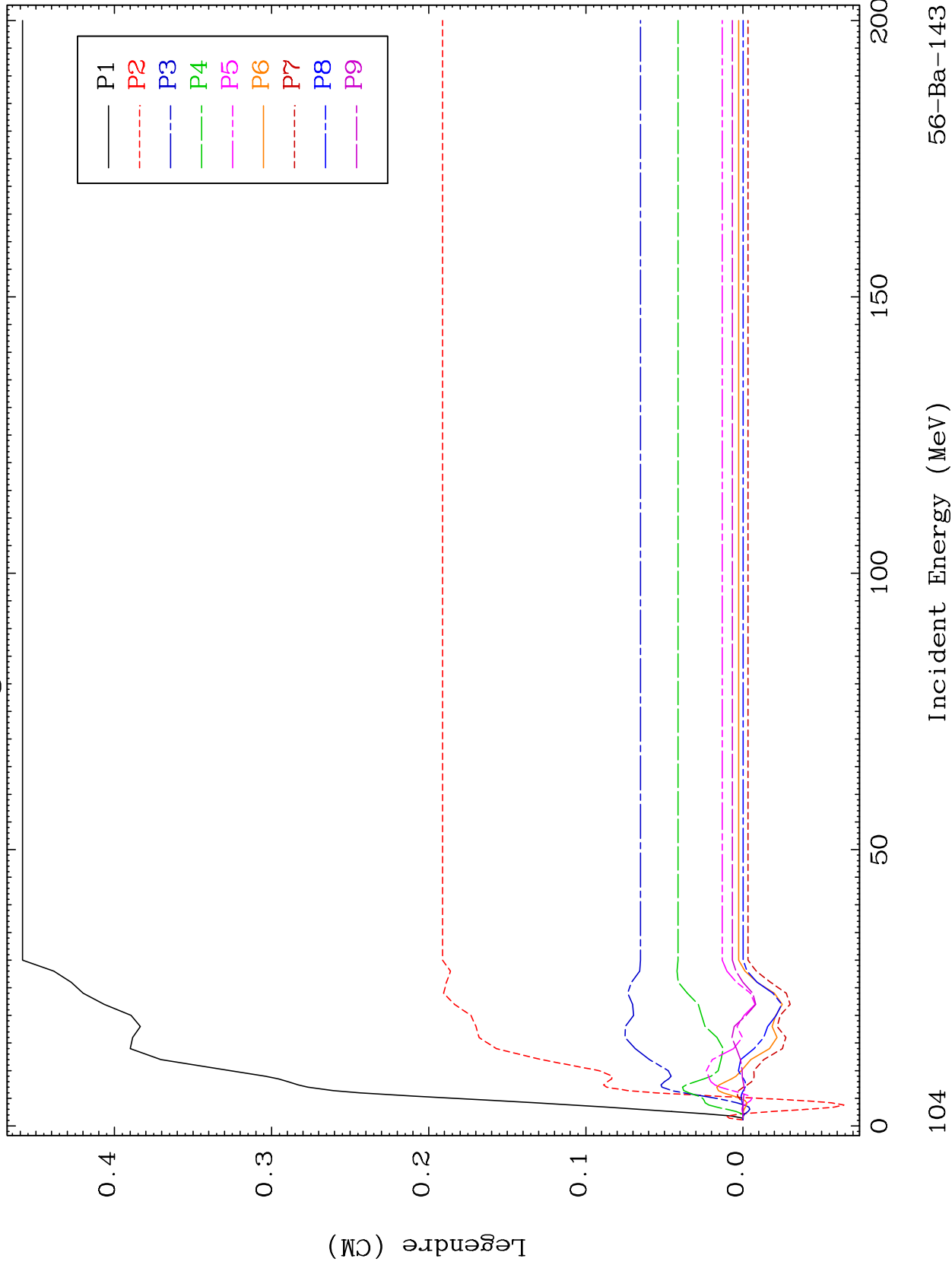




MAT 5664

1.083 MeV (n,n') Level  
Legendre Coefficients

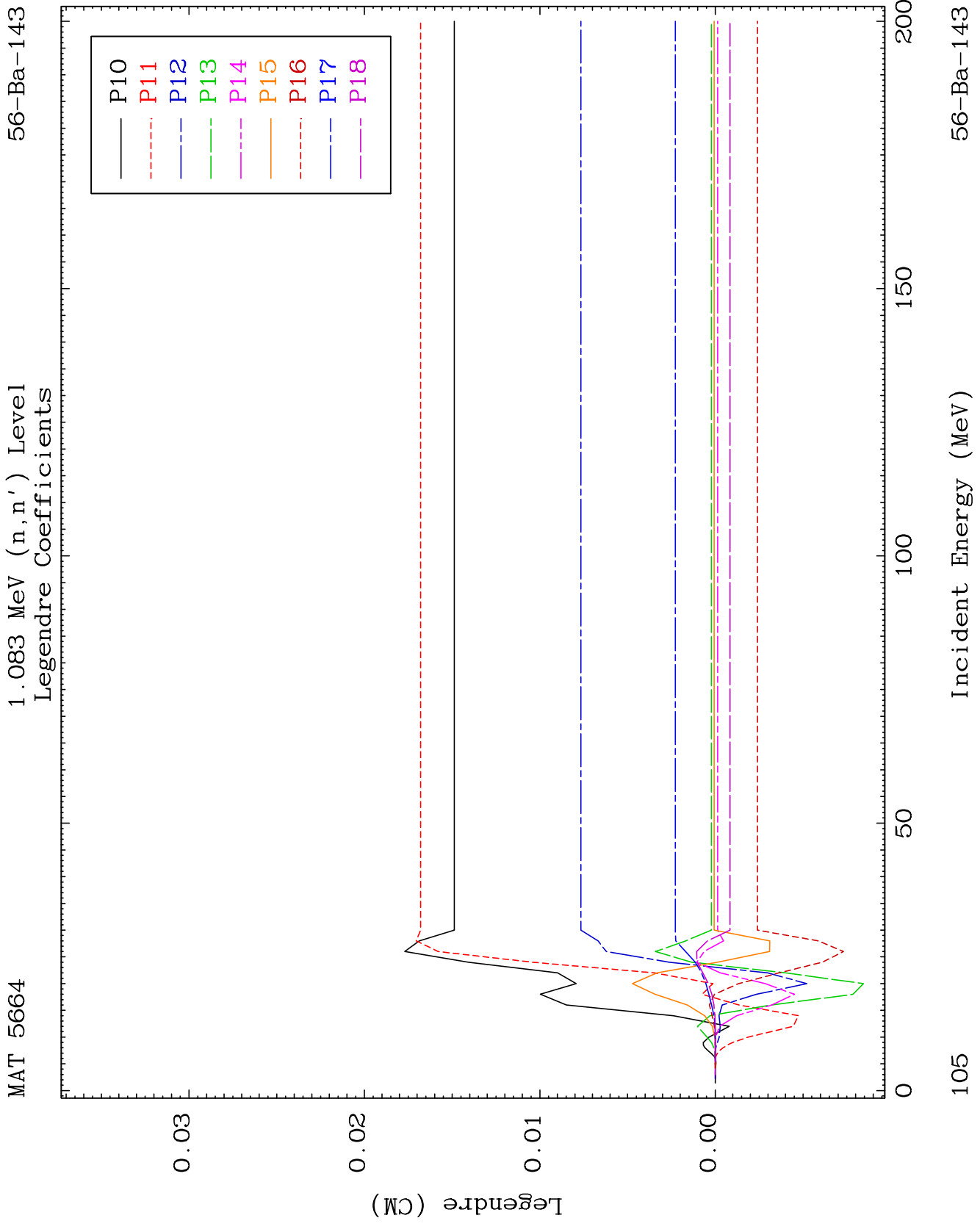
56-Ba-143



56-Ba-143

Incident Energy (MeV)

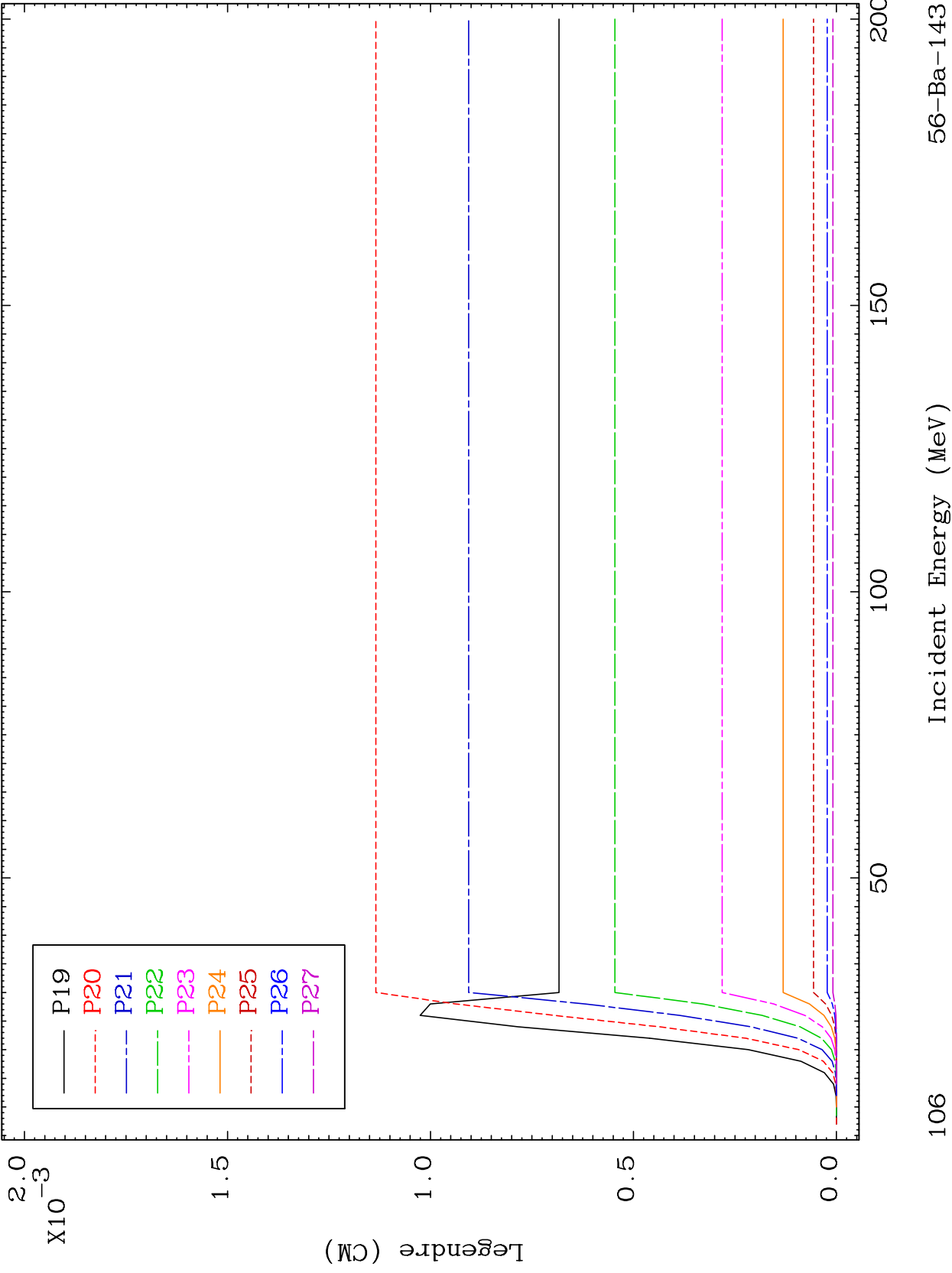
104



MAT 5664

1.083 MeV (n, n') Level  
Legendre Coefficients

56-Ba-143



106

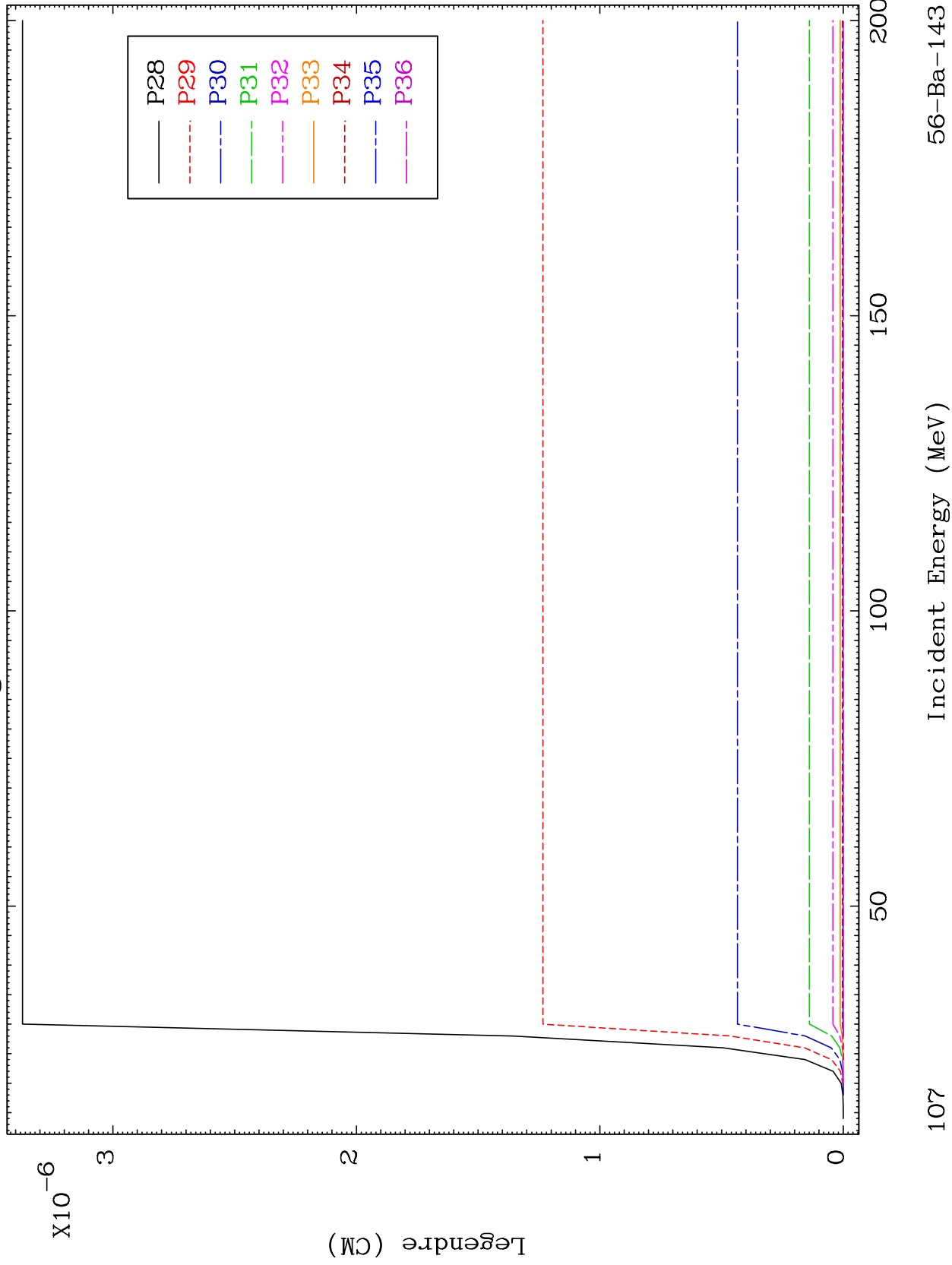
Incident Energy (MeV)

56-Ba-143

MAT 5664

1.083 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



107

Incident Energy (MeV)

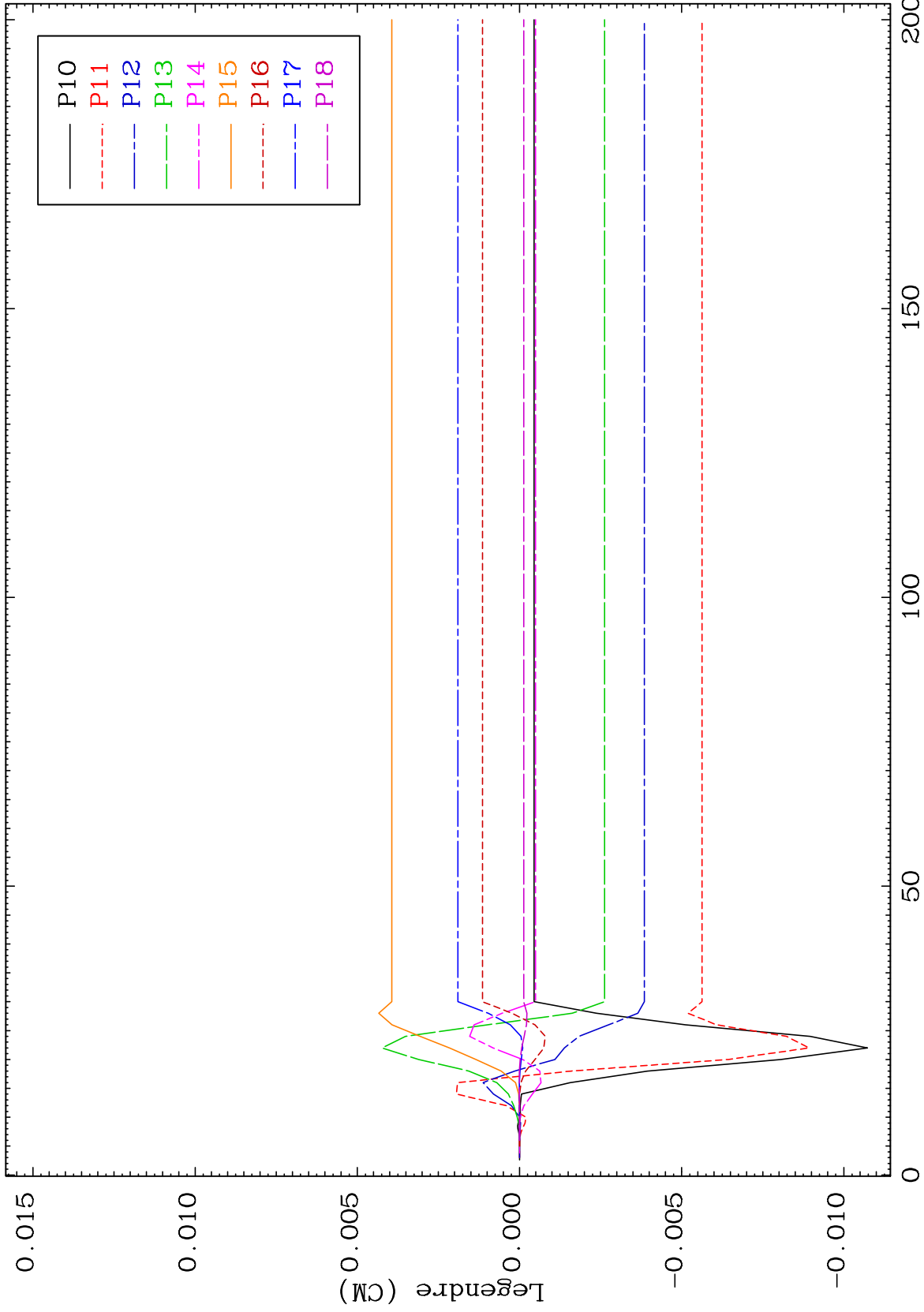
56-Ba-143



MAT 5664

1.085 MeV (n,n') Level  
Legendre Coefficients

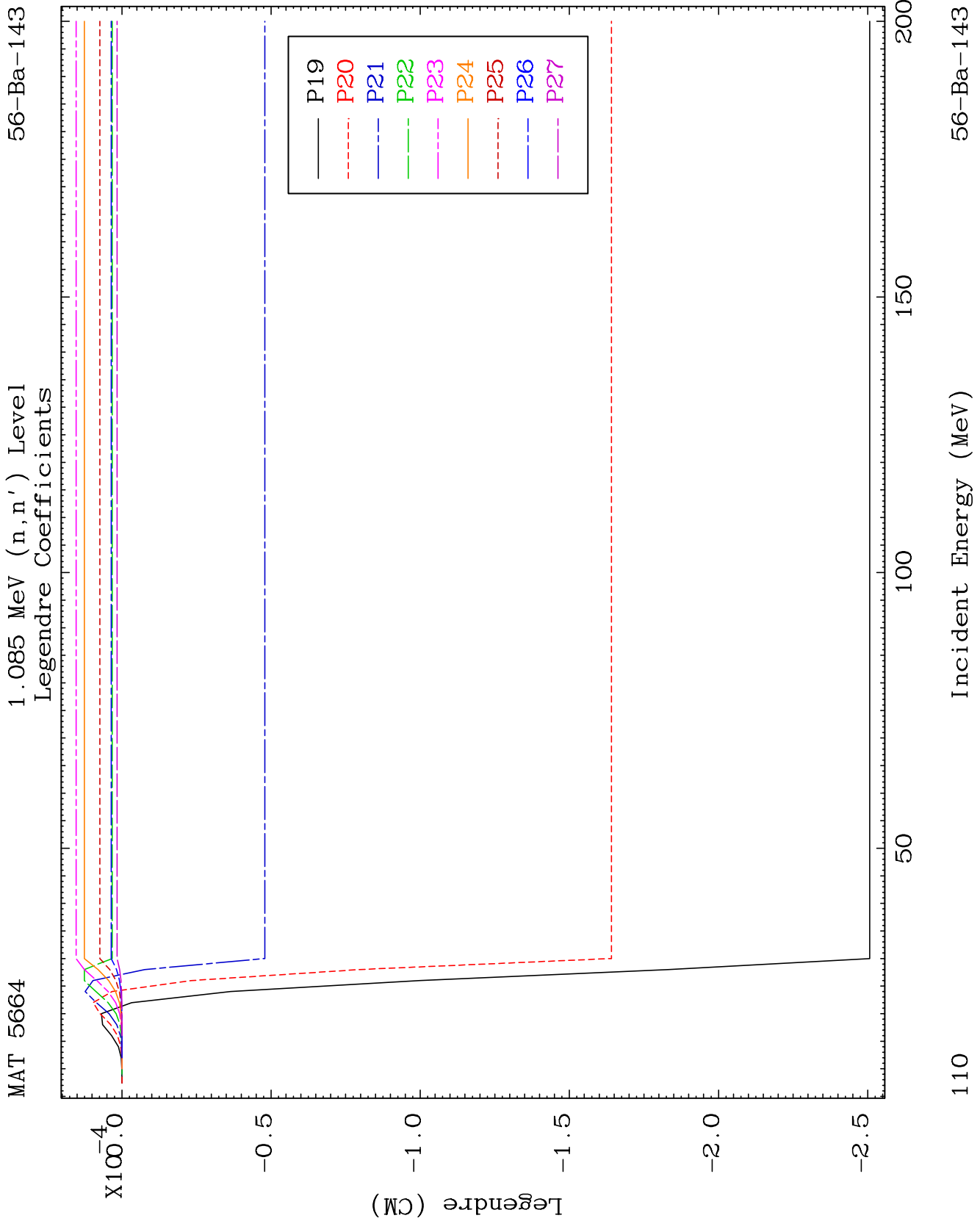
56-Ba-143



109

56-Ba-143

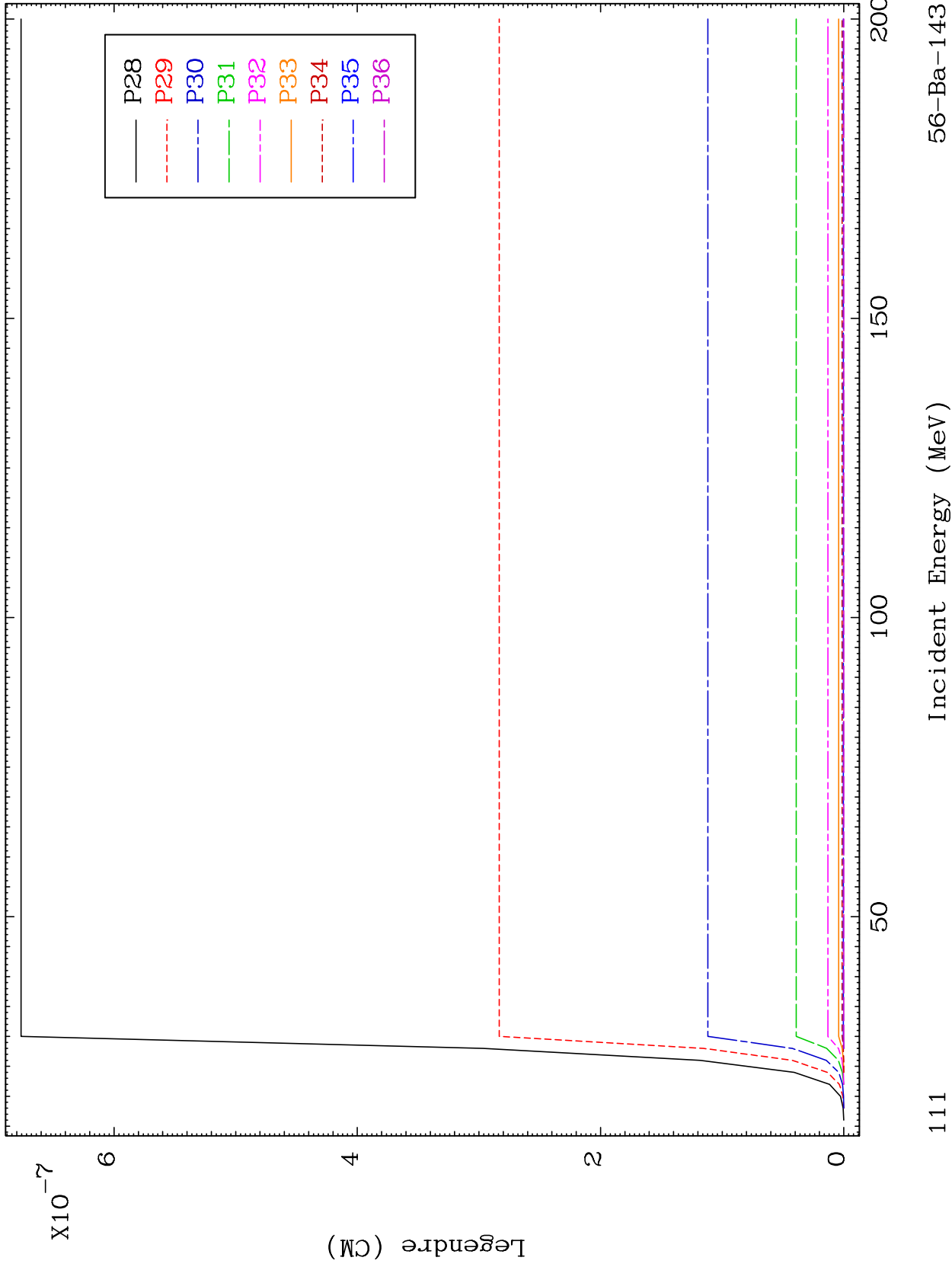
56-Ba-143



MAT 5664

1.085 MeV (n,n') Level  
Legendre Coefficients

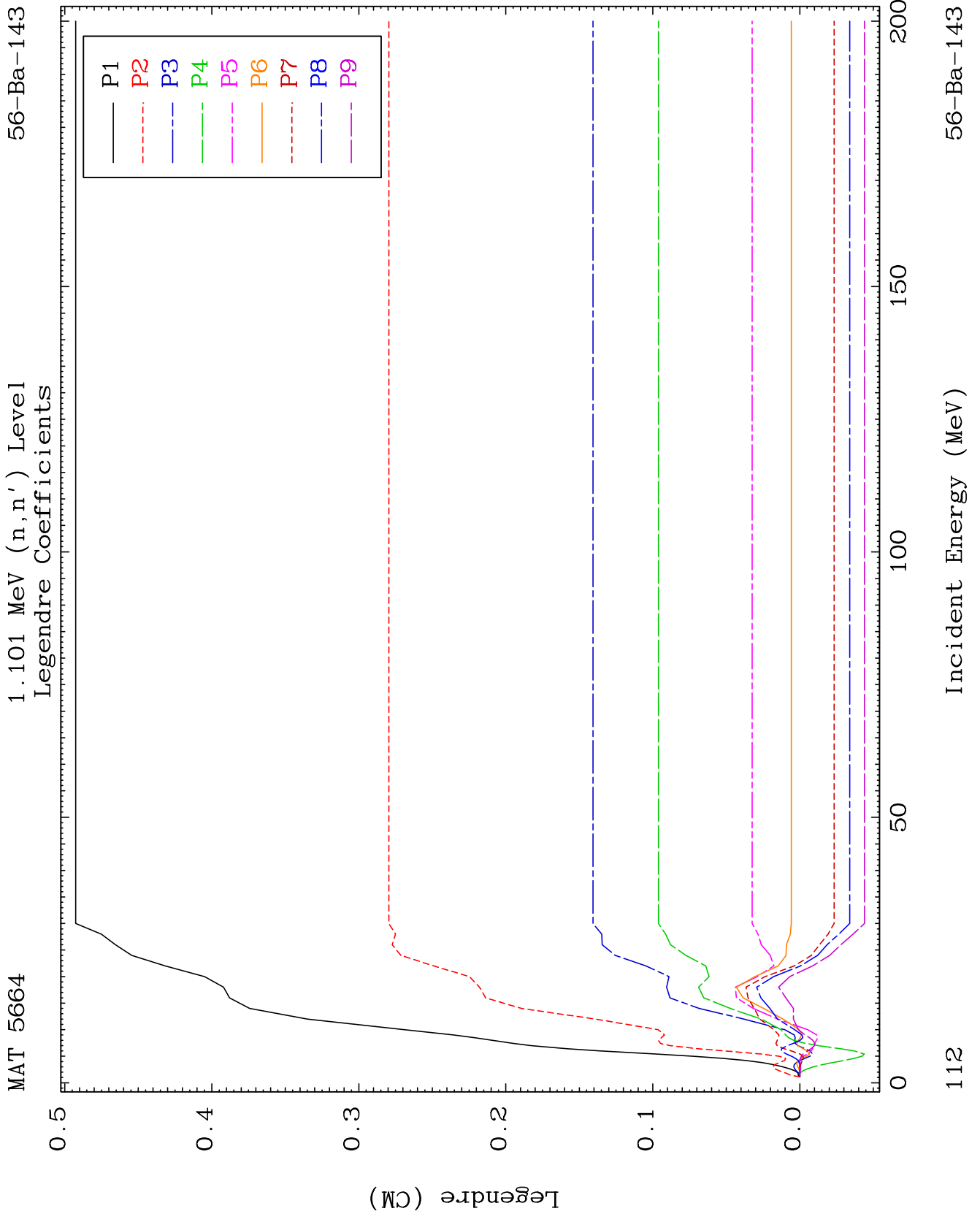
56-Ba-143



111

56-Ba-143



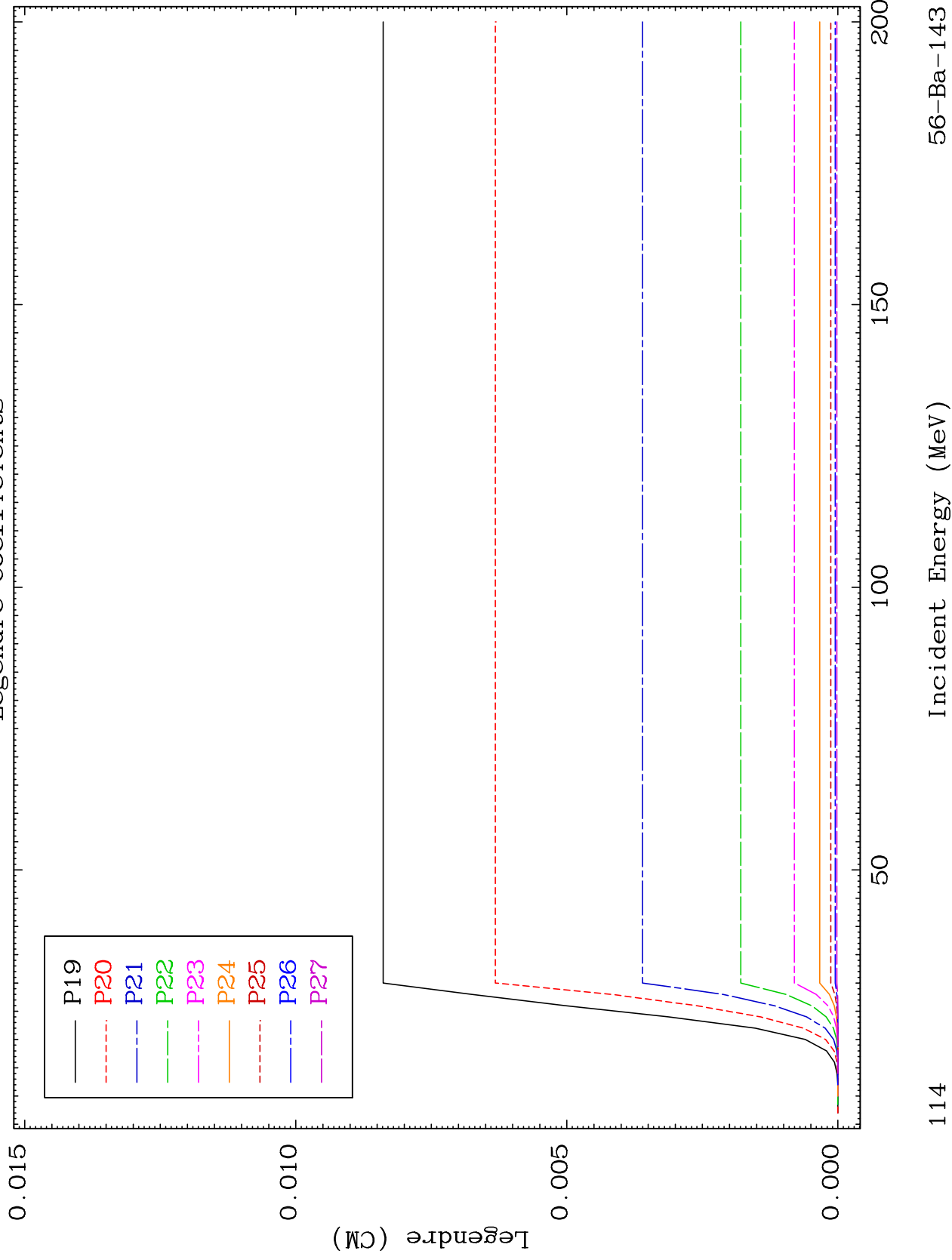




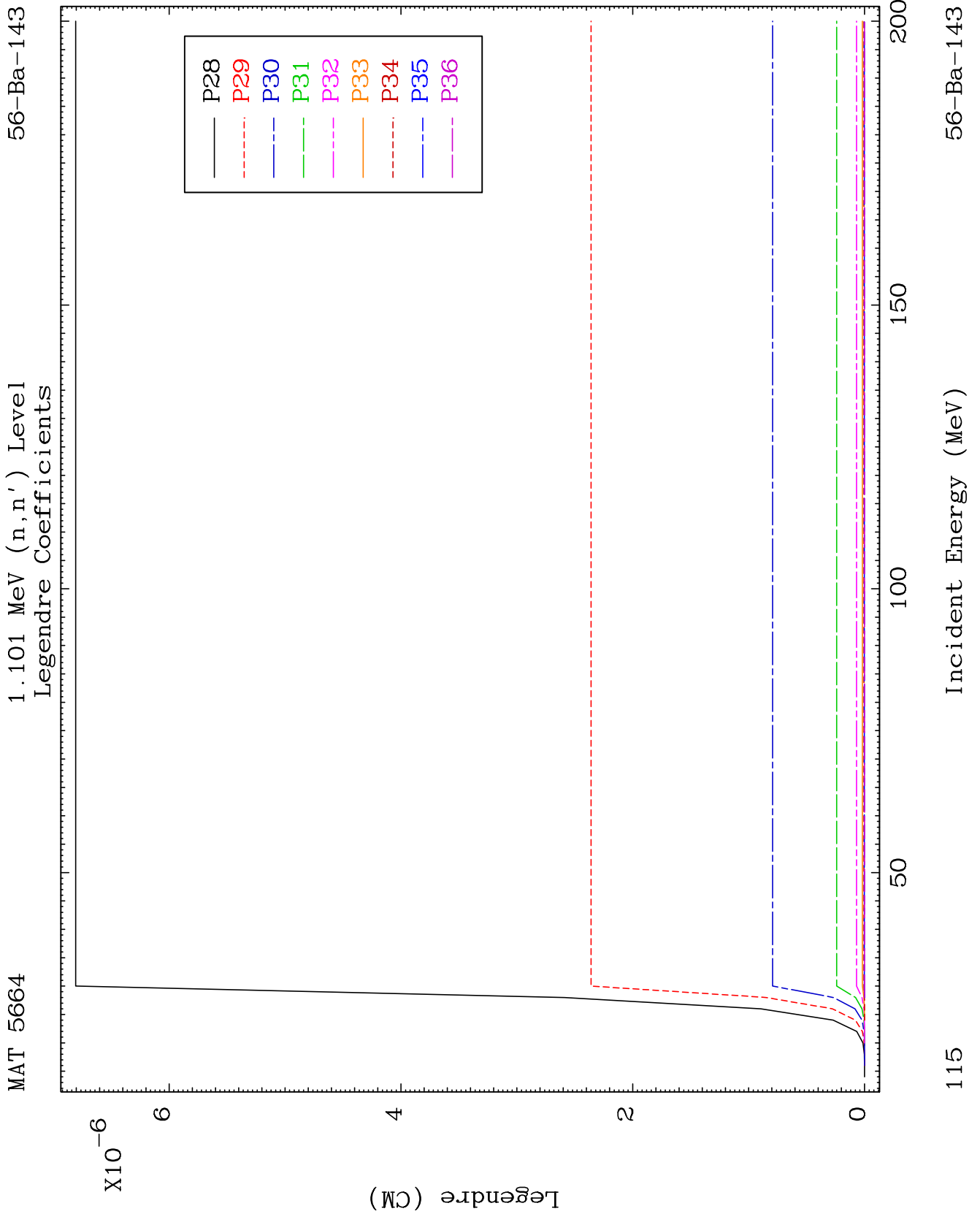
MAT 5664

1.101 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



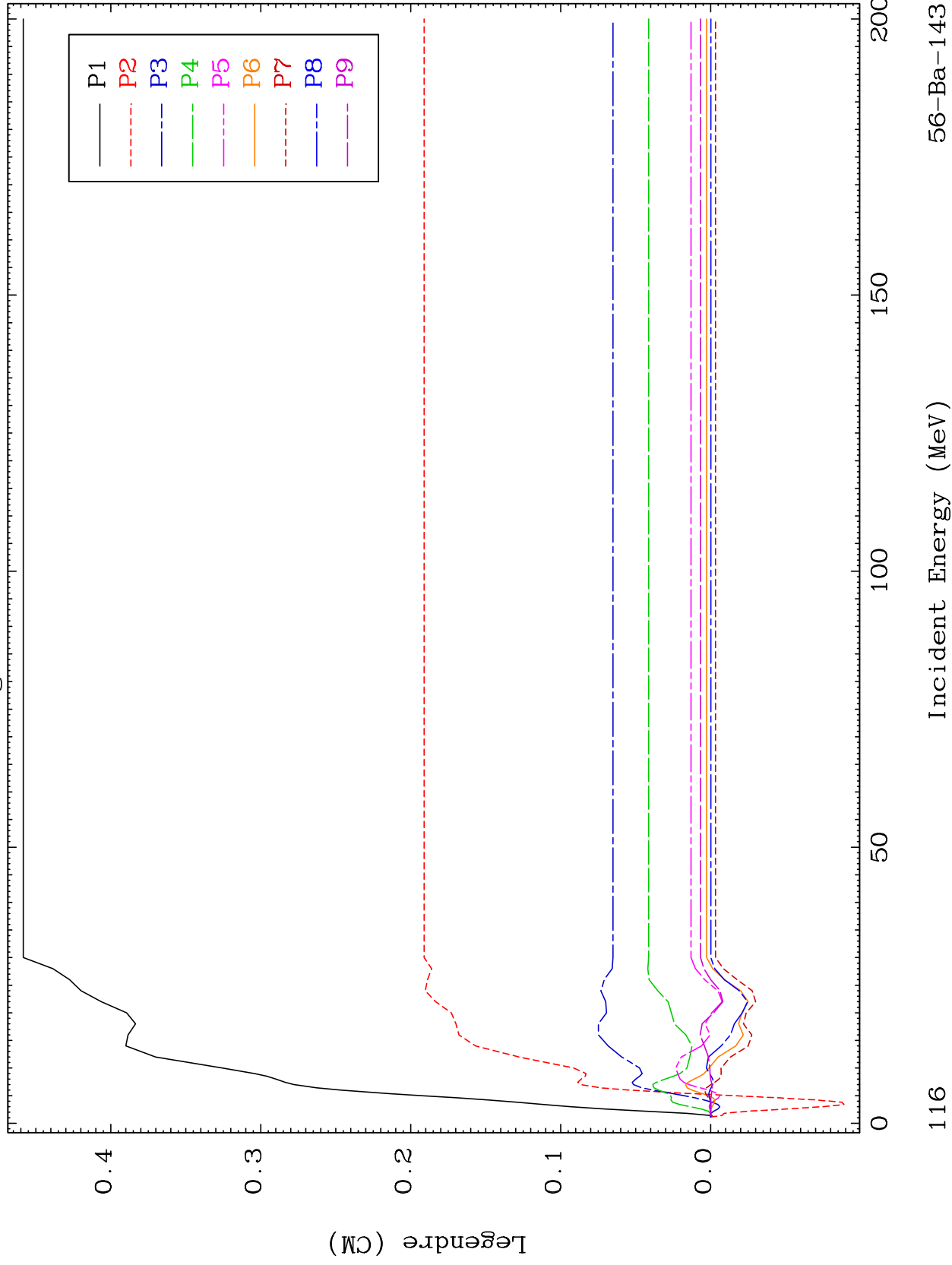
114



MAT 5664

1.110 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

Incident Energy (MeV)

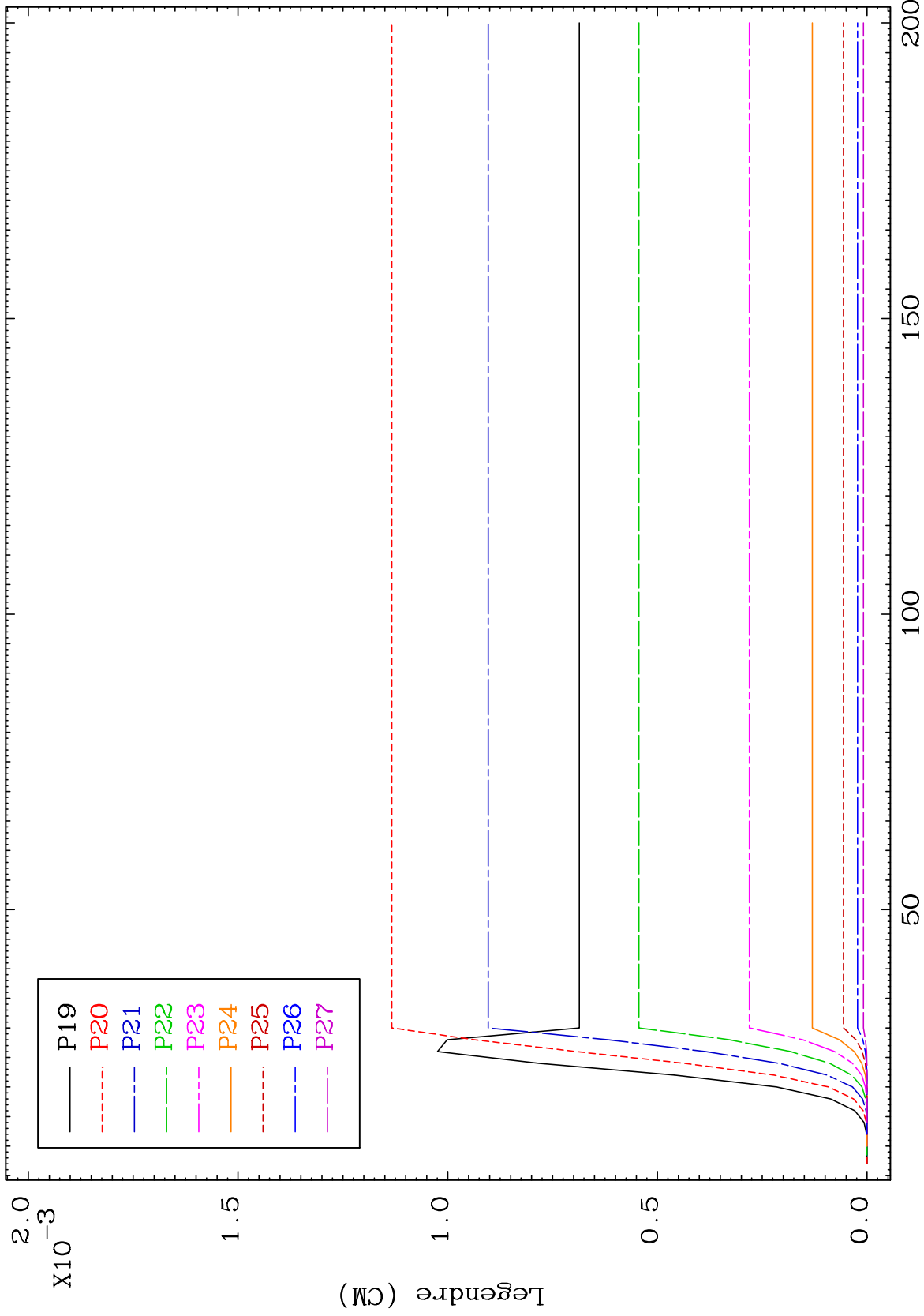
116



MAT 5664

1.110 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



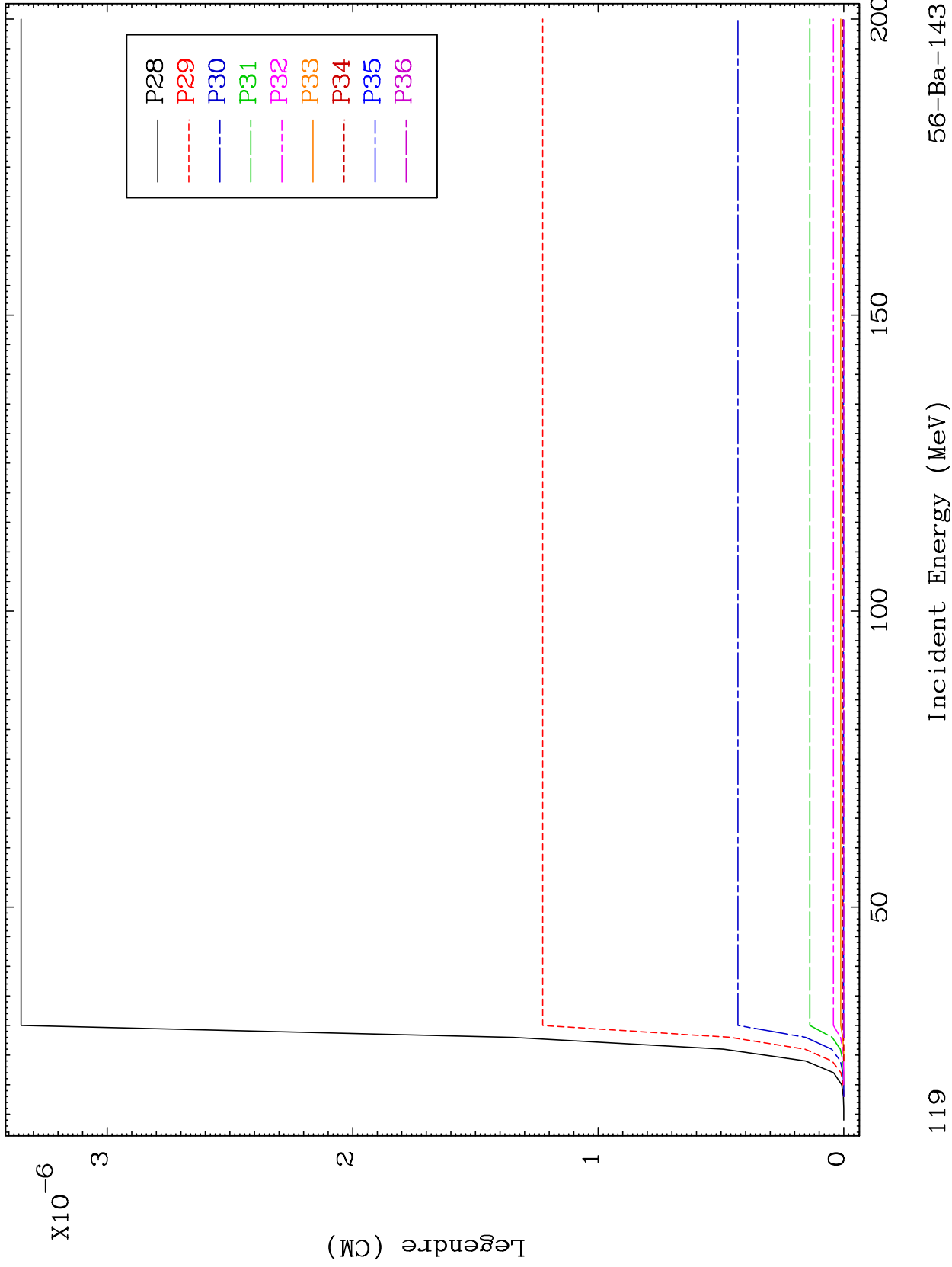
118

56-Ba-143

MAT 5664

1.110 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143

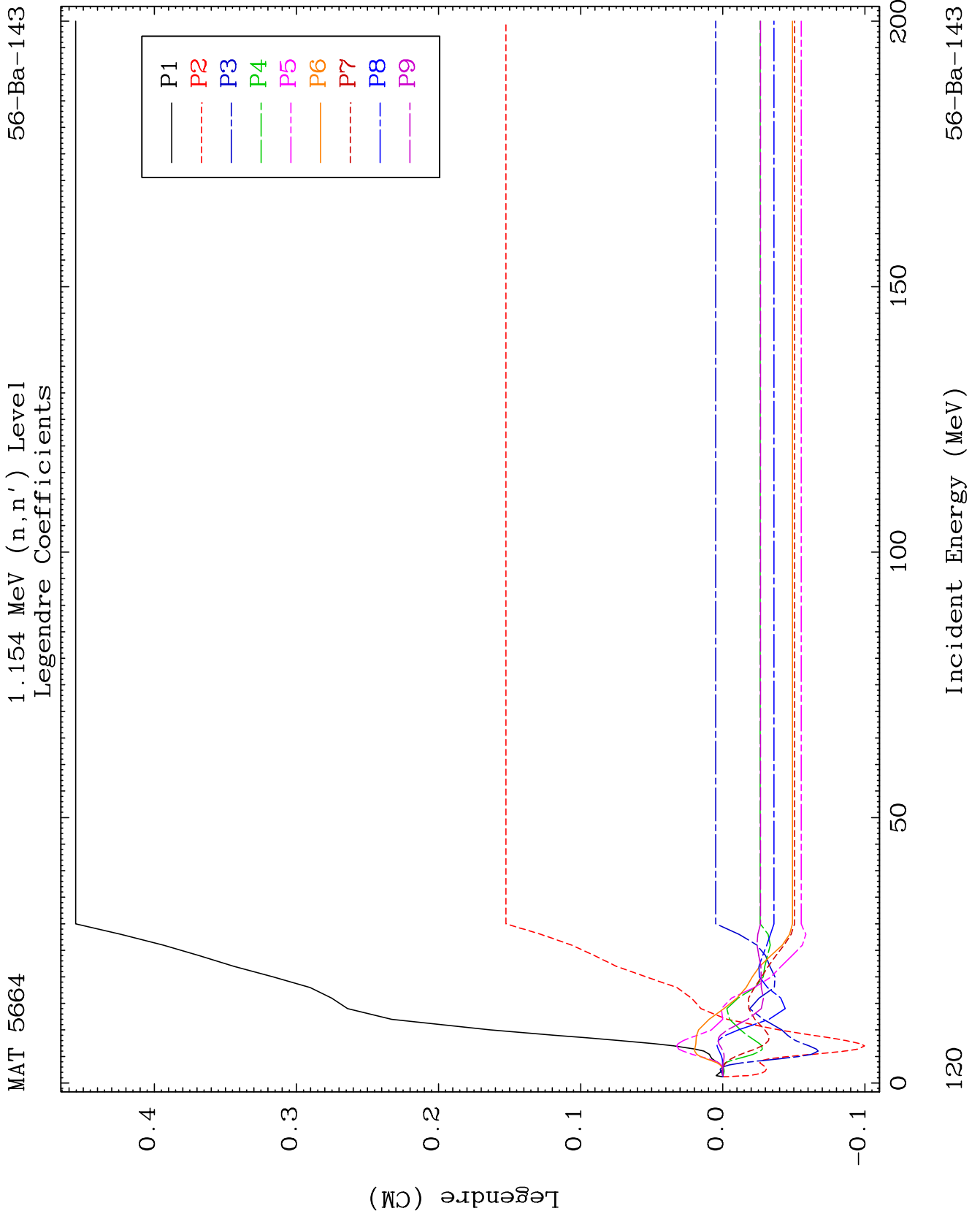


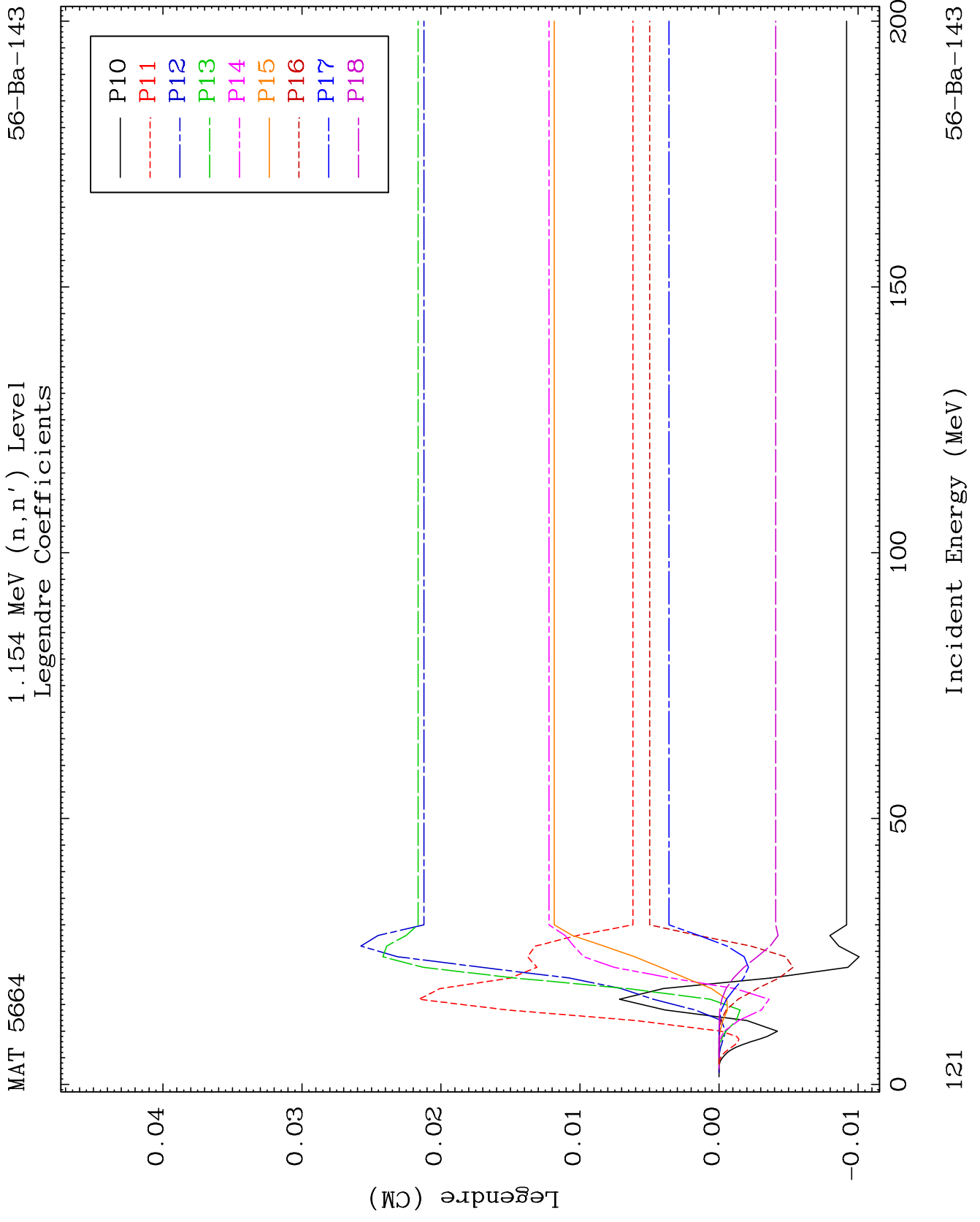
119

Incident Energy (MeV)

56-Ba-143



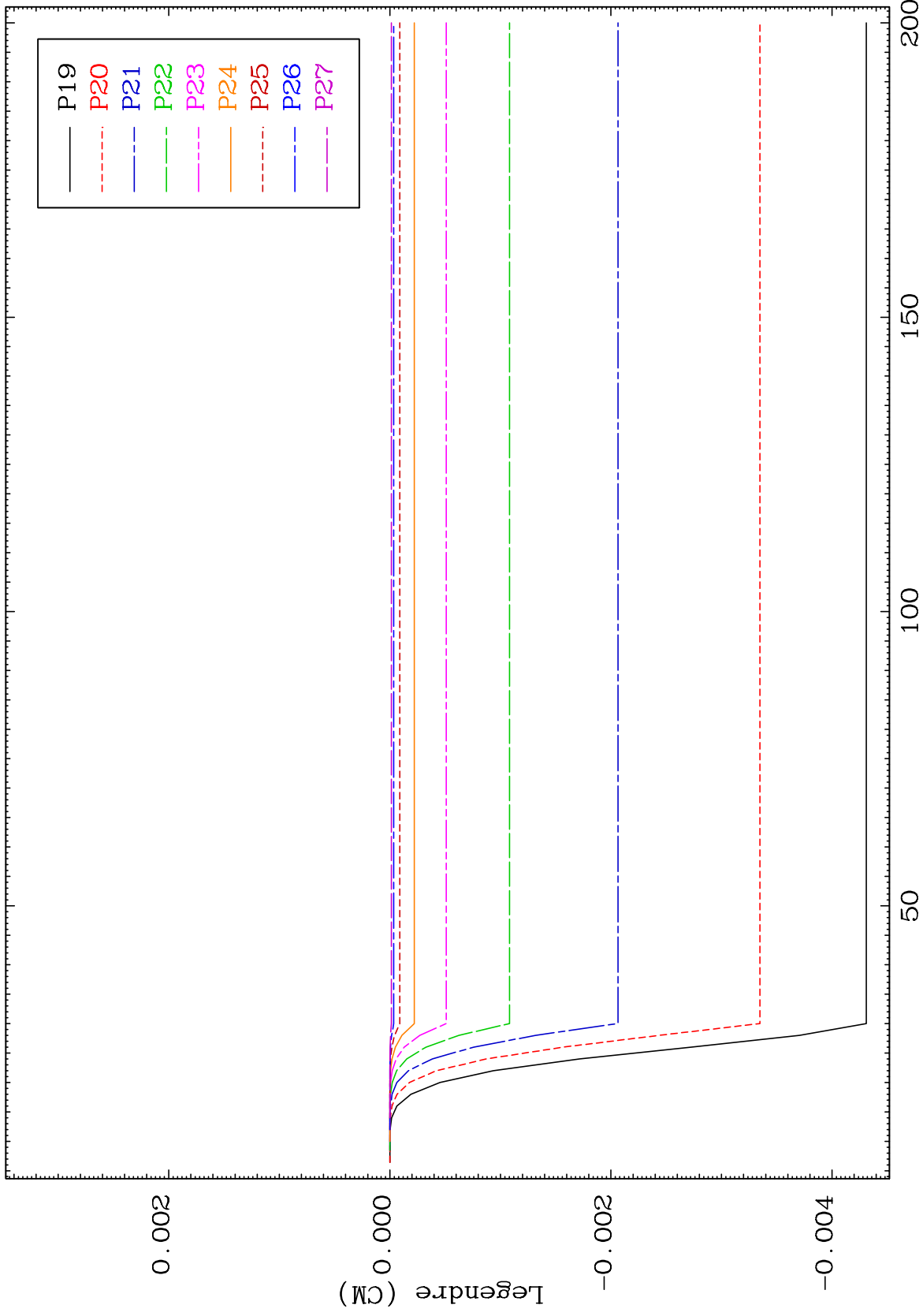




MAT 5664

1.154 MeV (n,n') Level  
Legendre Coefficients

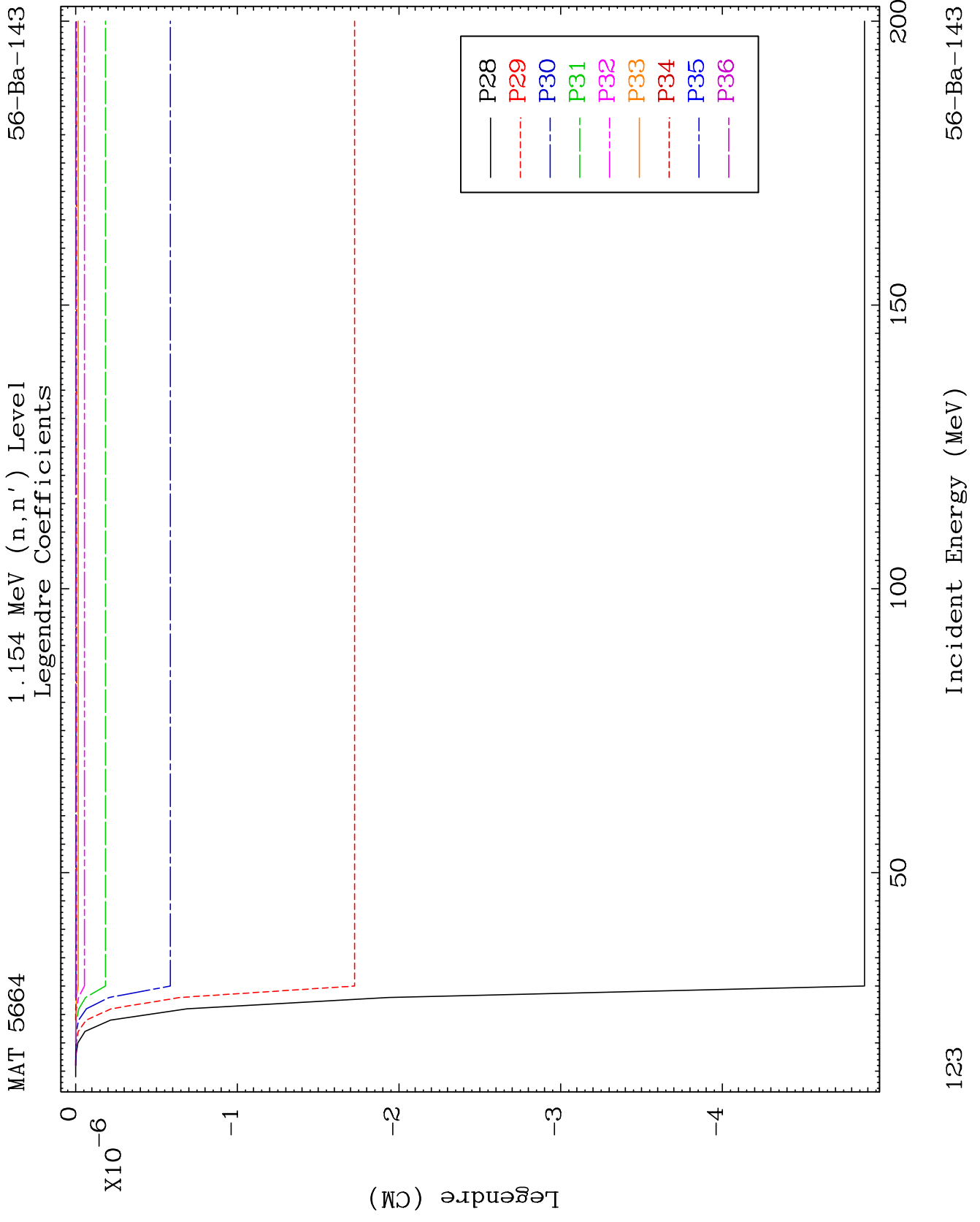
56-Ba-143

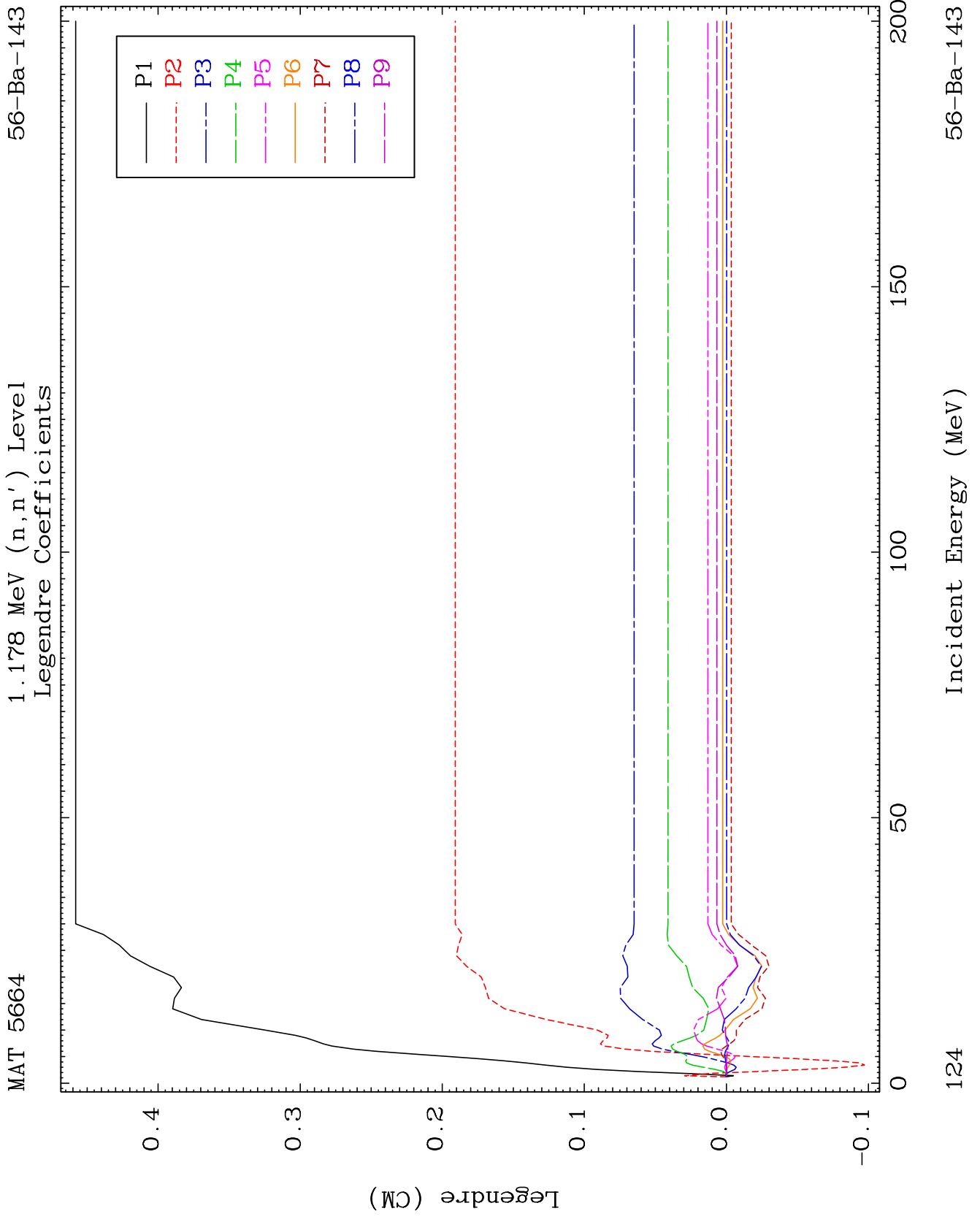


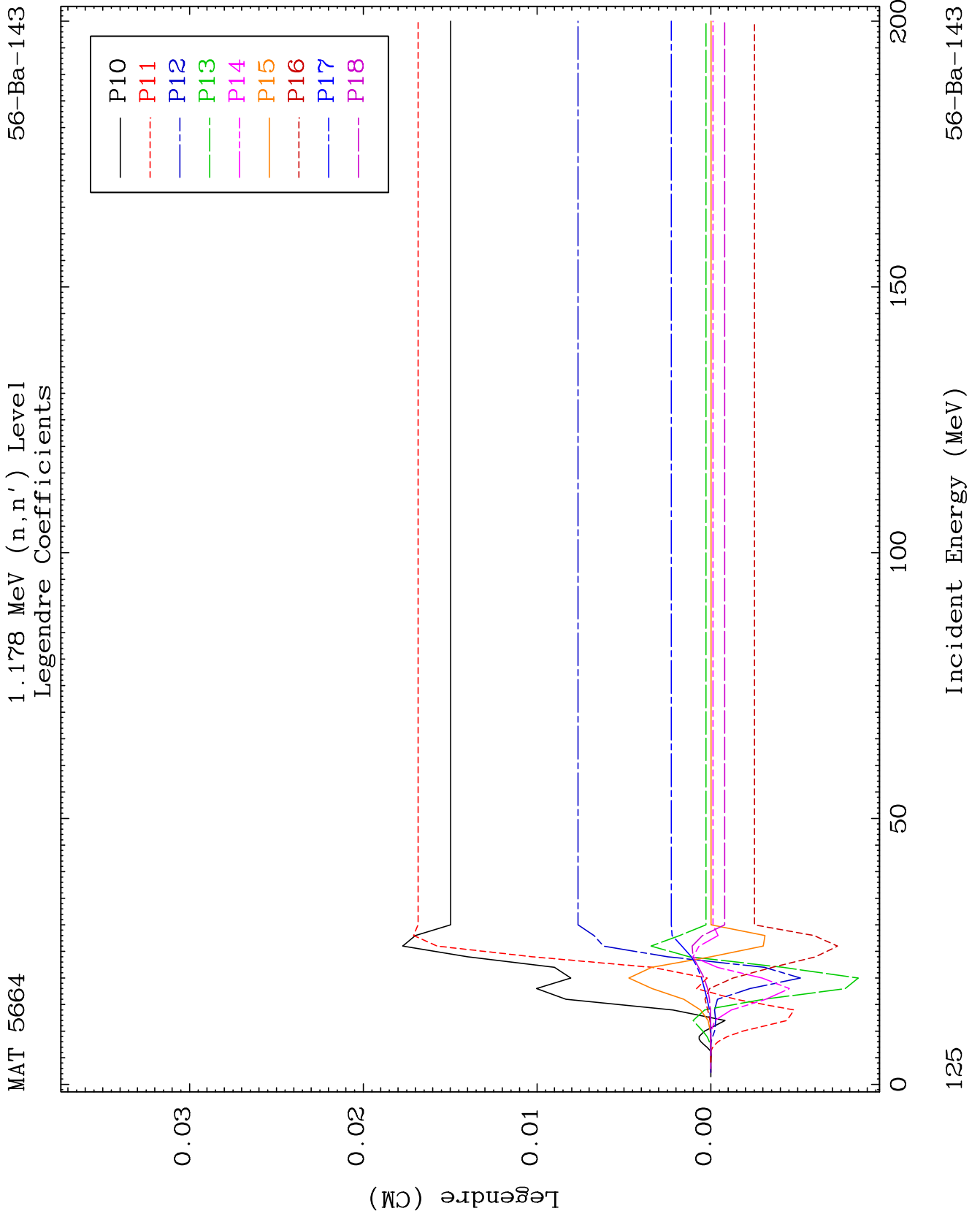
122

Incident Energy (MeV)

56-Ba-143



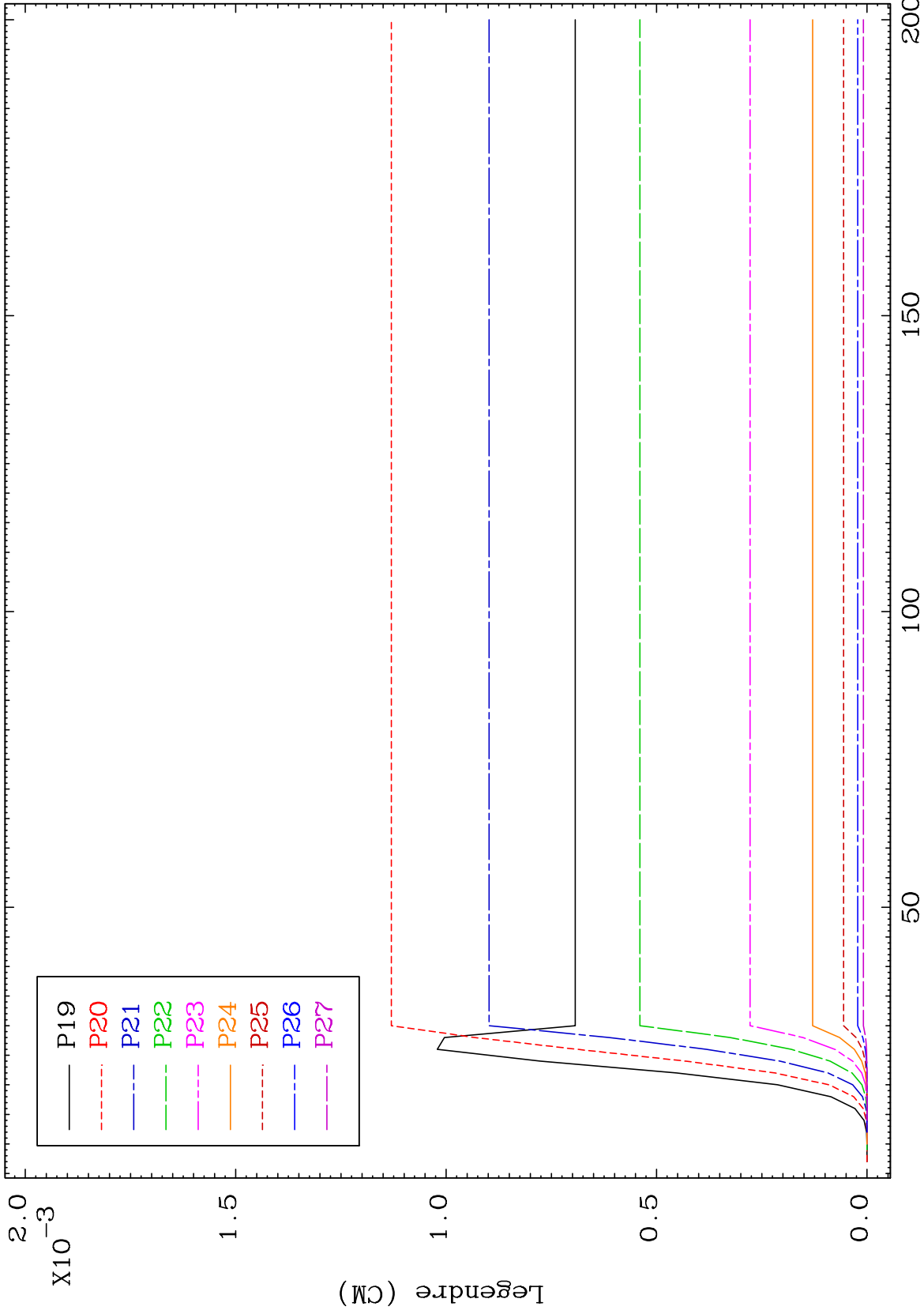




MAT 5664

1.178 MeV (n, n') Level  
Legendre Coefficients

56-Ba-143



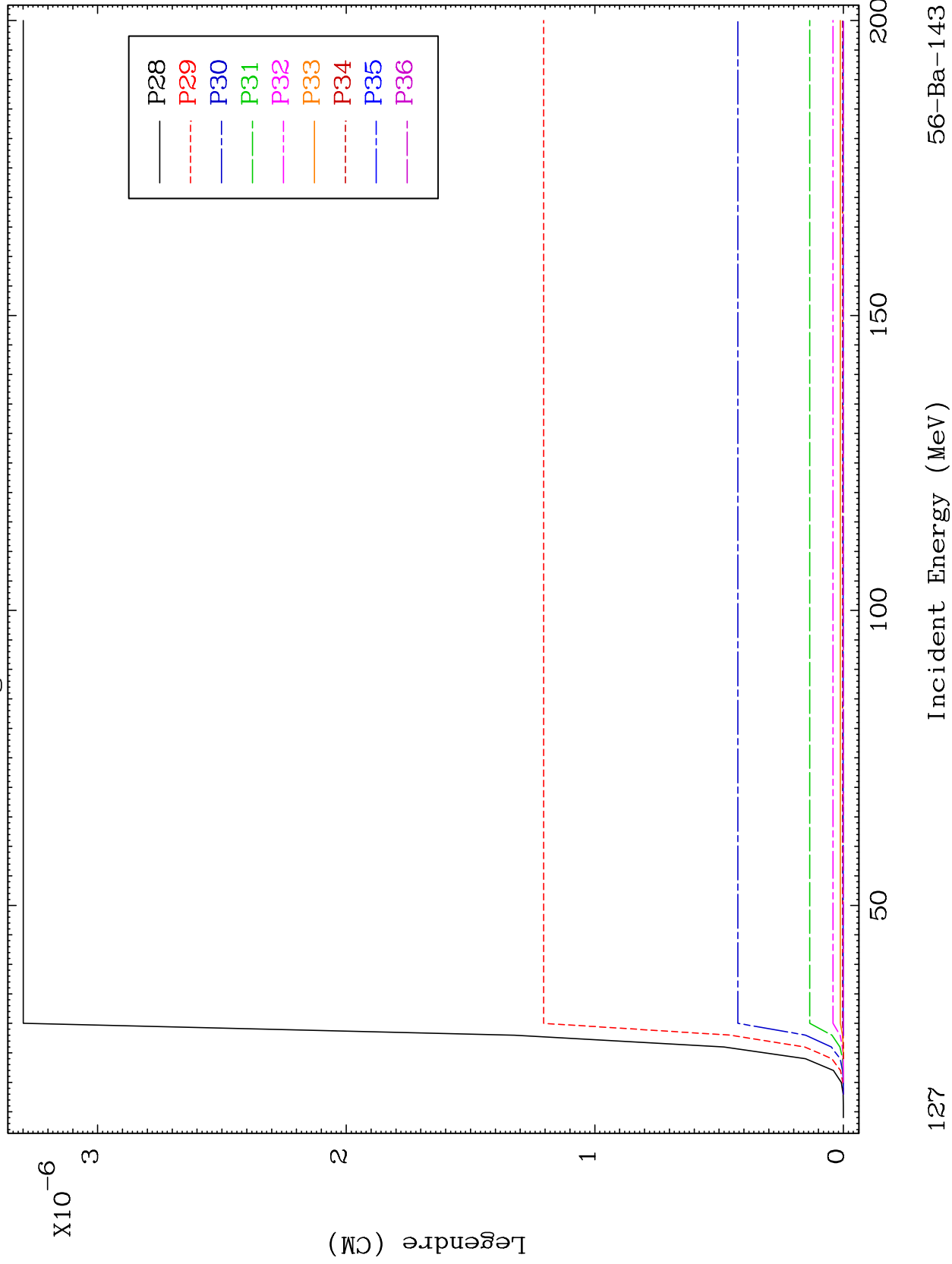
126

56-Ba-143

MAT 5664

1.178 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



127

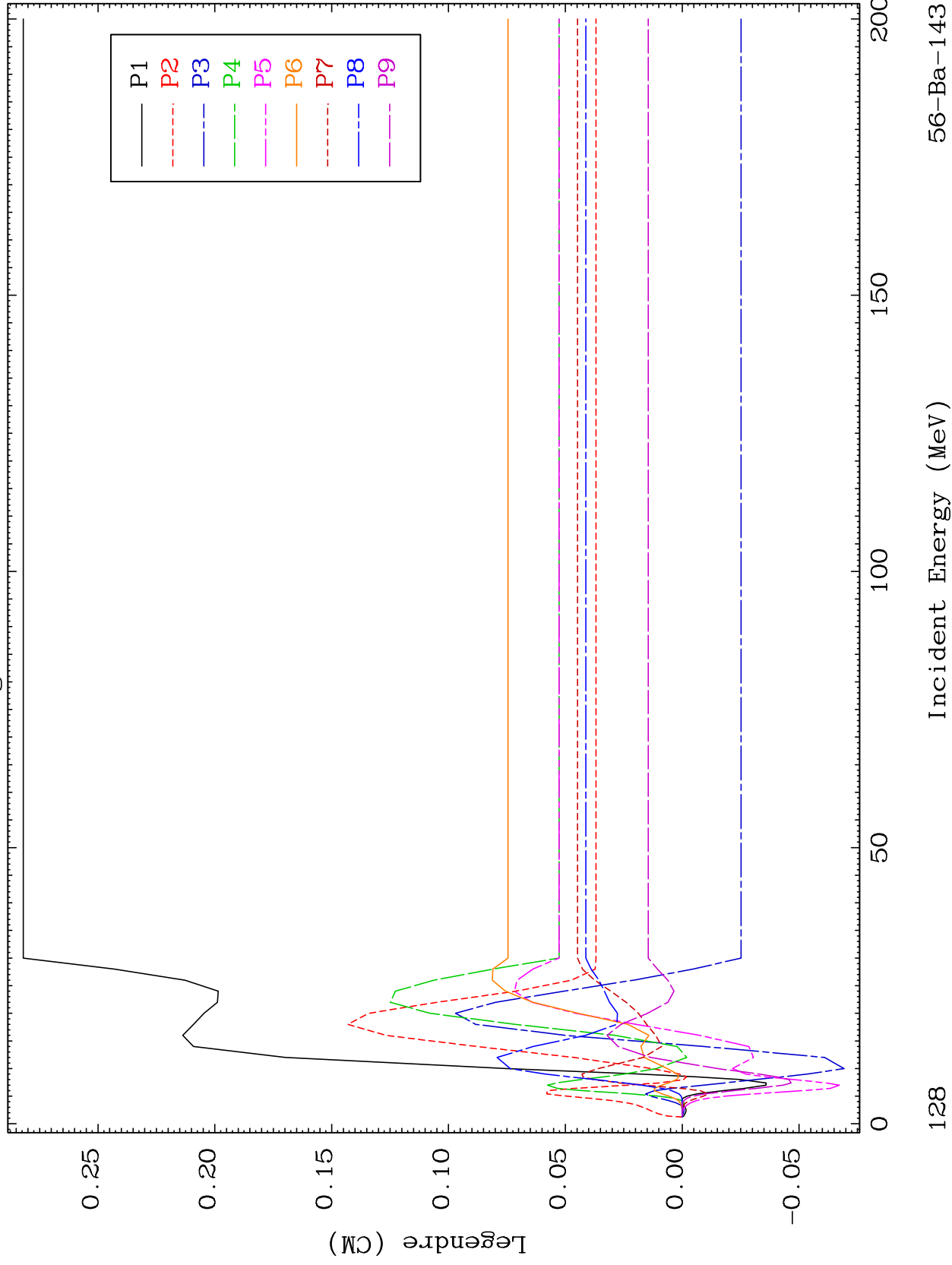
56-Ba-143



MAT 5664

1.204 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

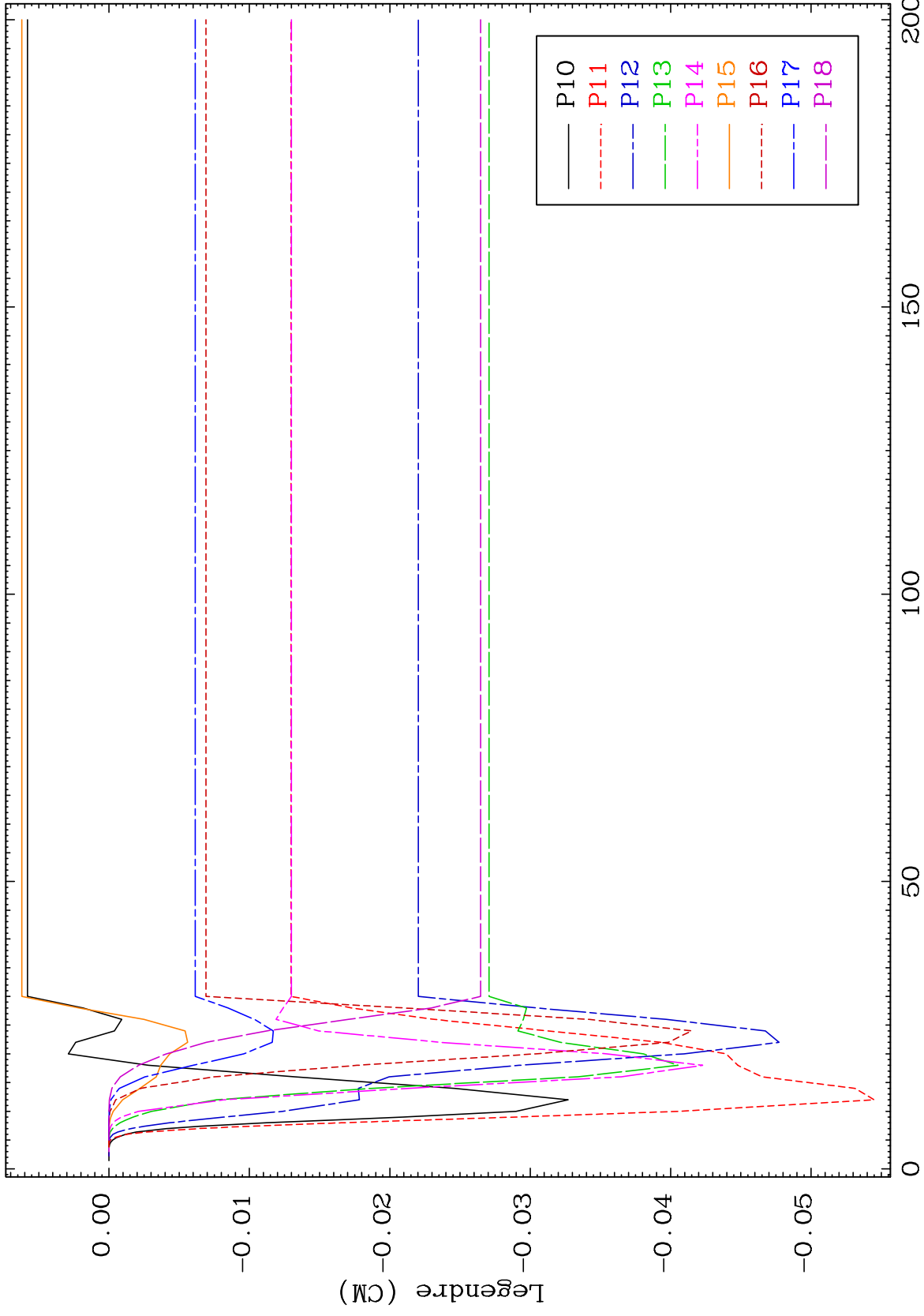
Incident Energy (MeV)

128

MAT 5664

1.204 MeV (n,n') Level  
Legendre Coefficients

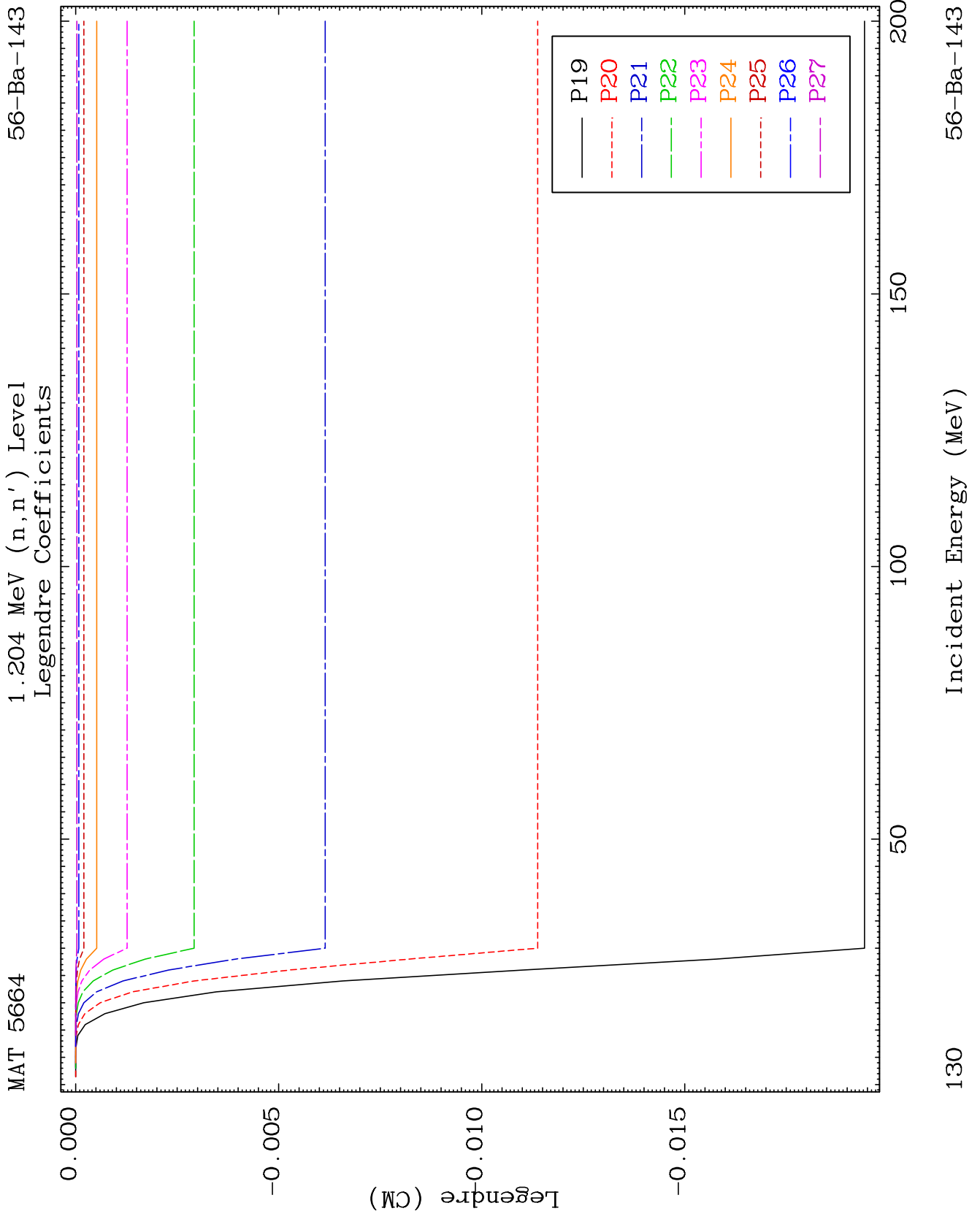
56-Ba-143

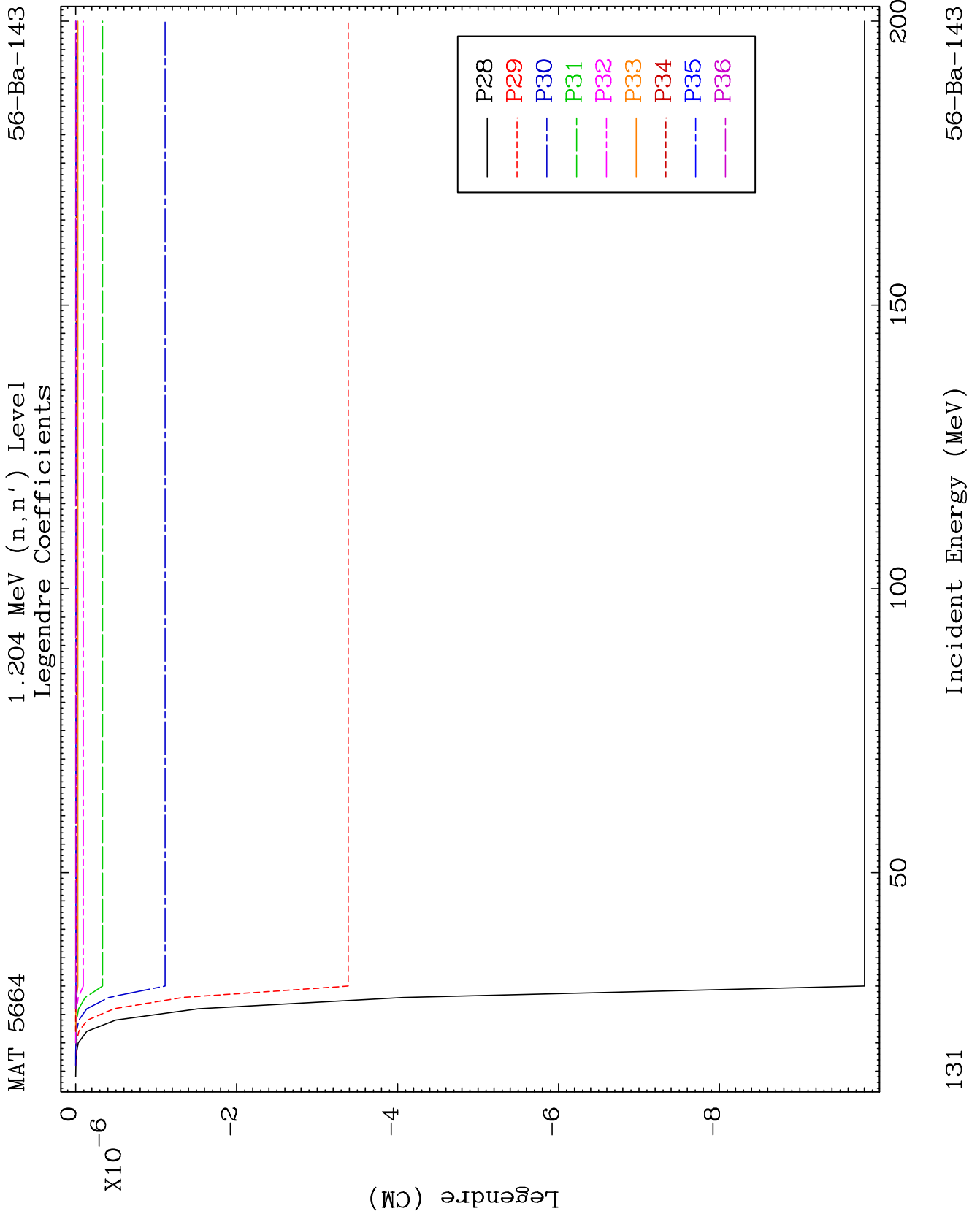


129

Incident Energy (MeV)

56-Ba-143



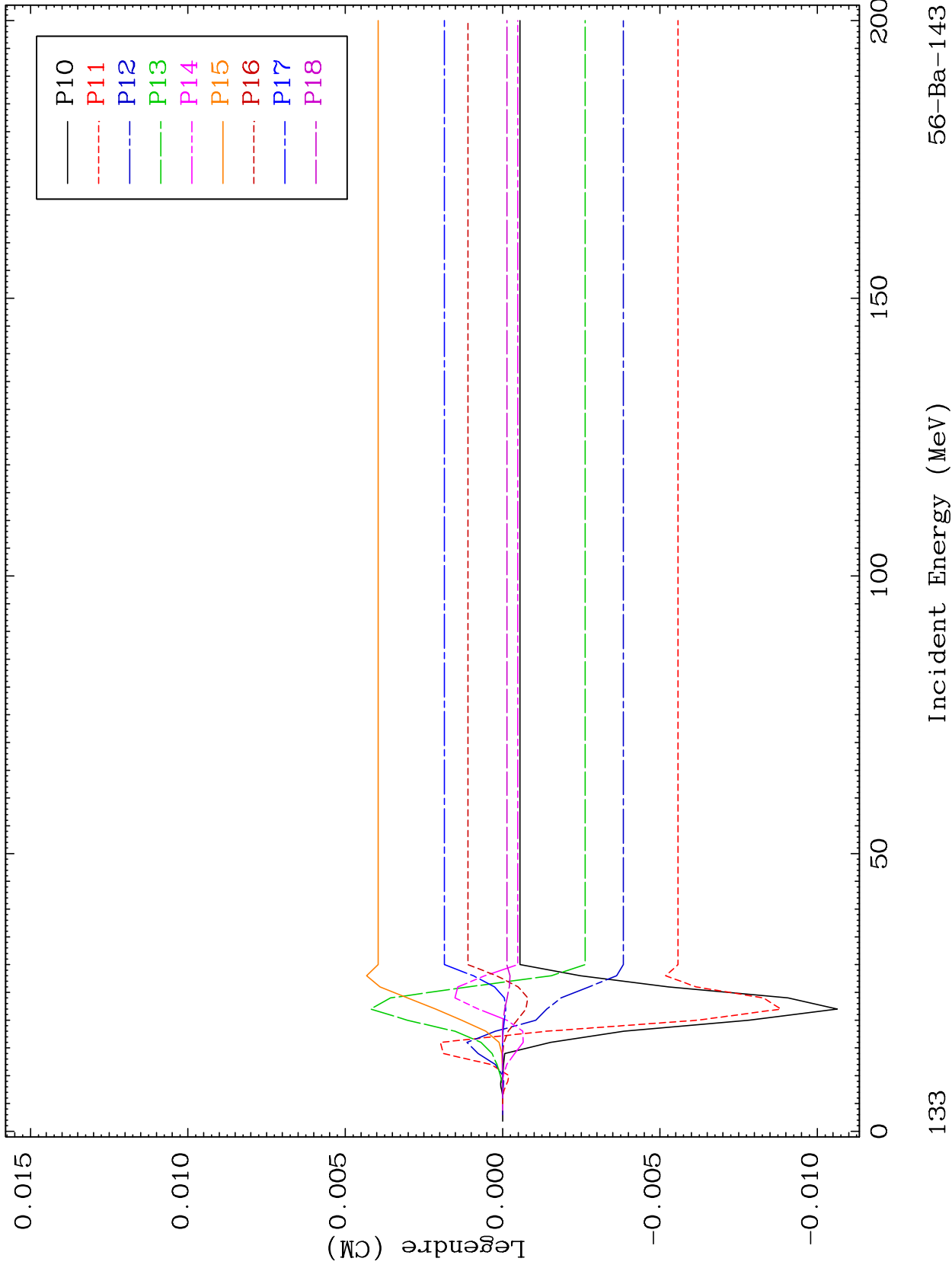




MAT 5664

1.232 MeV (n,n') Level  
Legendre Coefficients

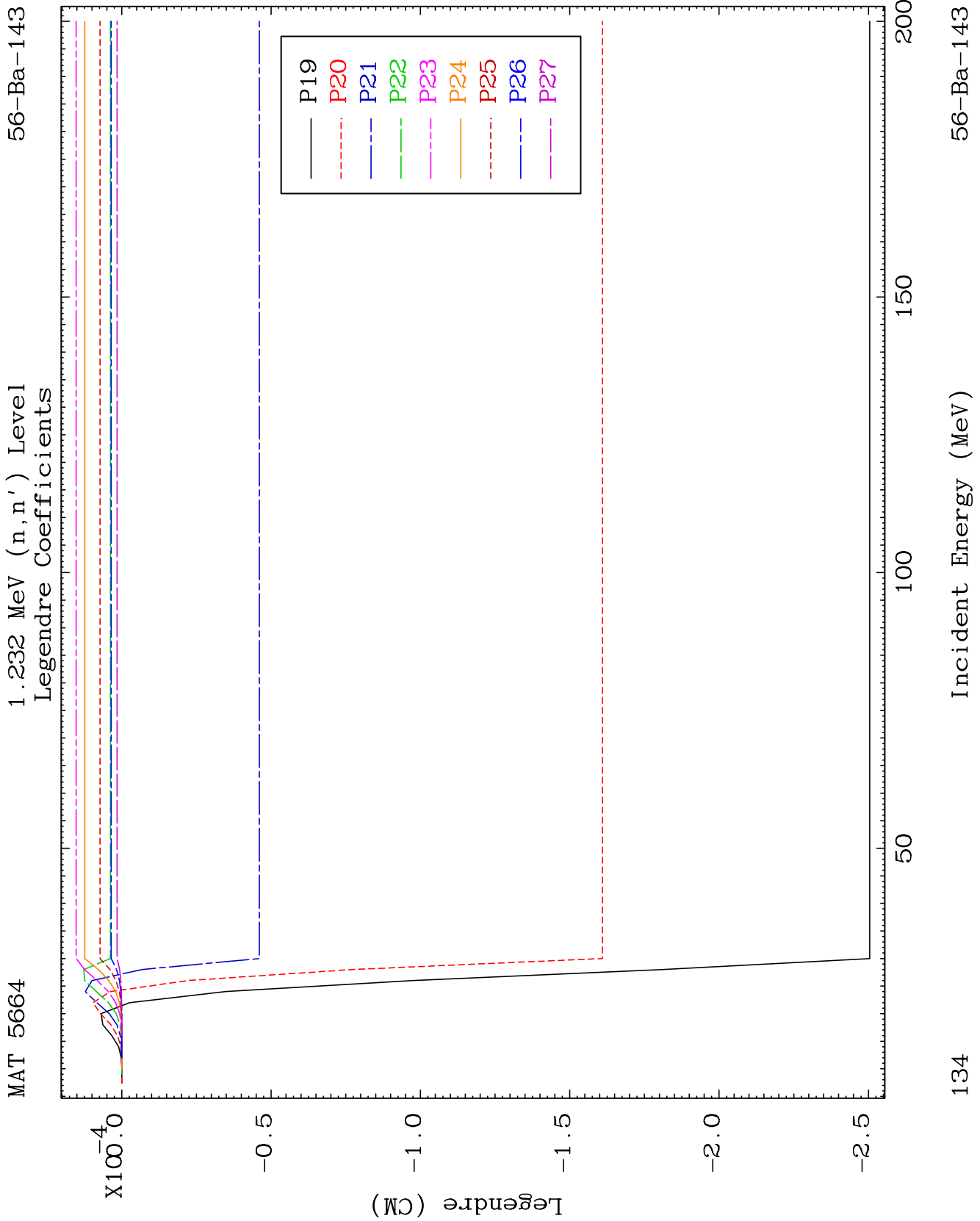
56-Ba-143



133

Incident Energy (MeV)

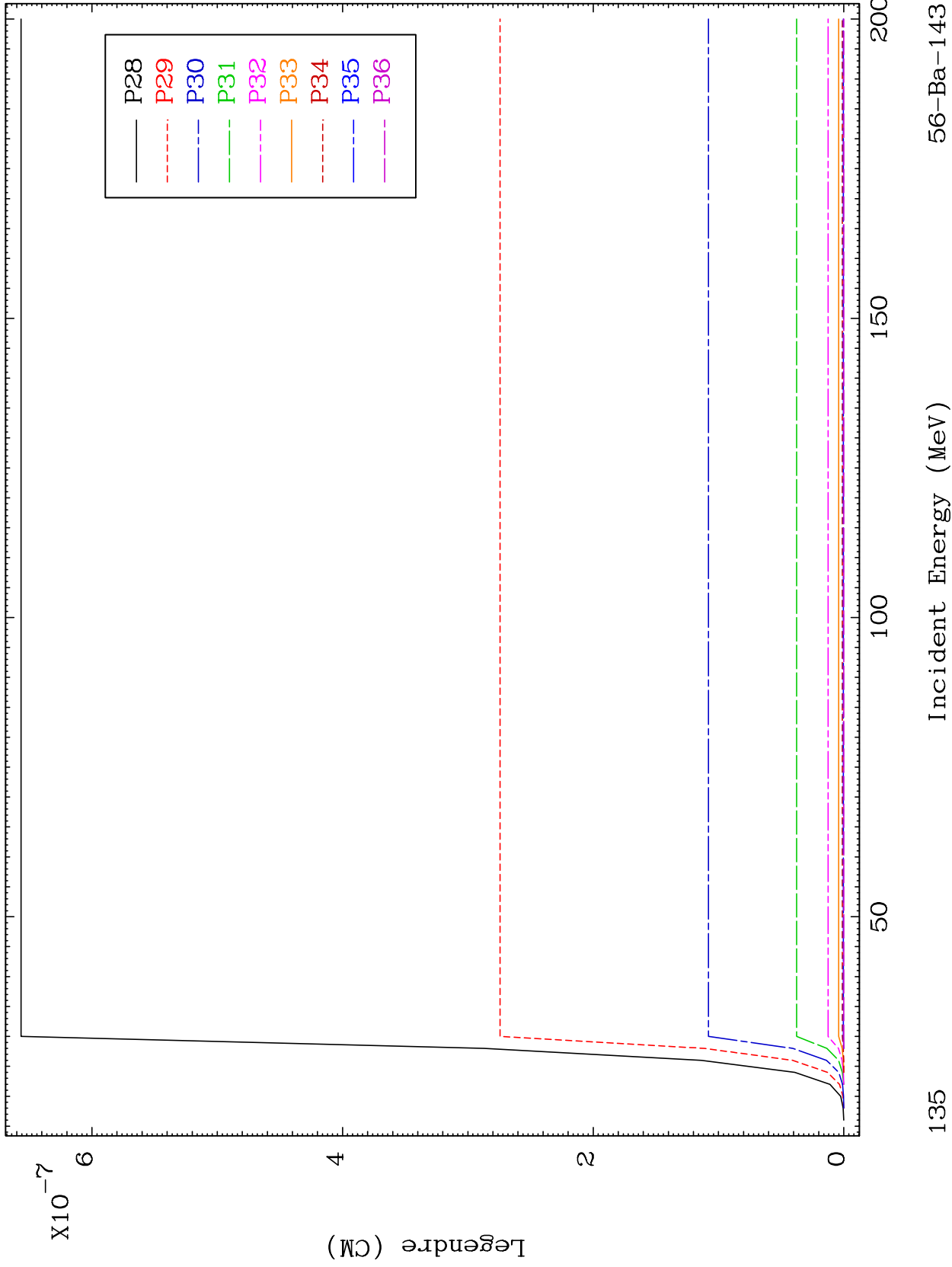
56-Ba-143



MAT 5664

1.232 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



135

Incident Energy (MeV)

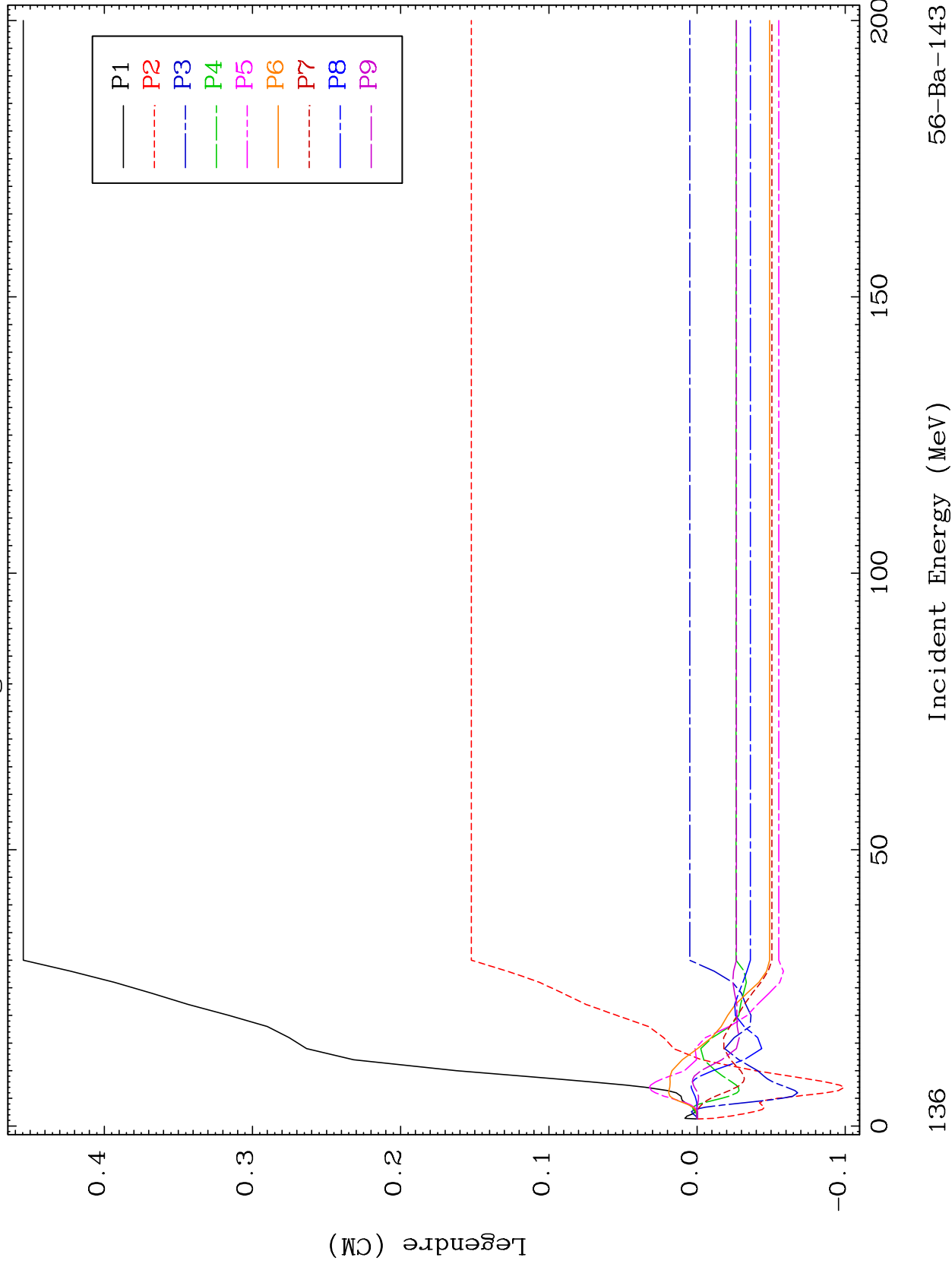
56-Ba-143



MAT 5664

1.253 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



56-Ba-143

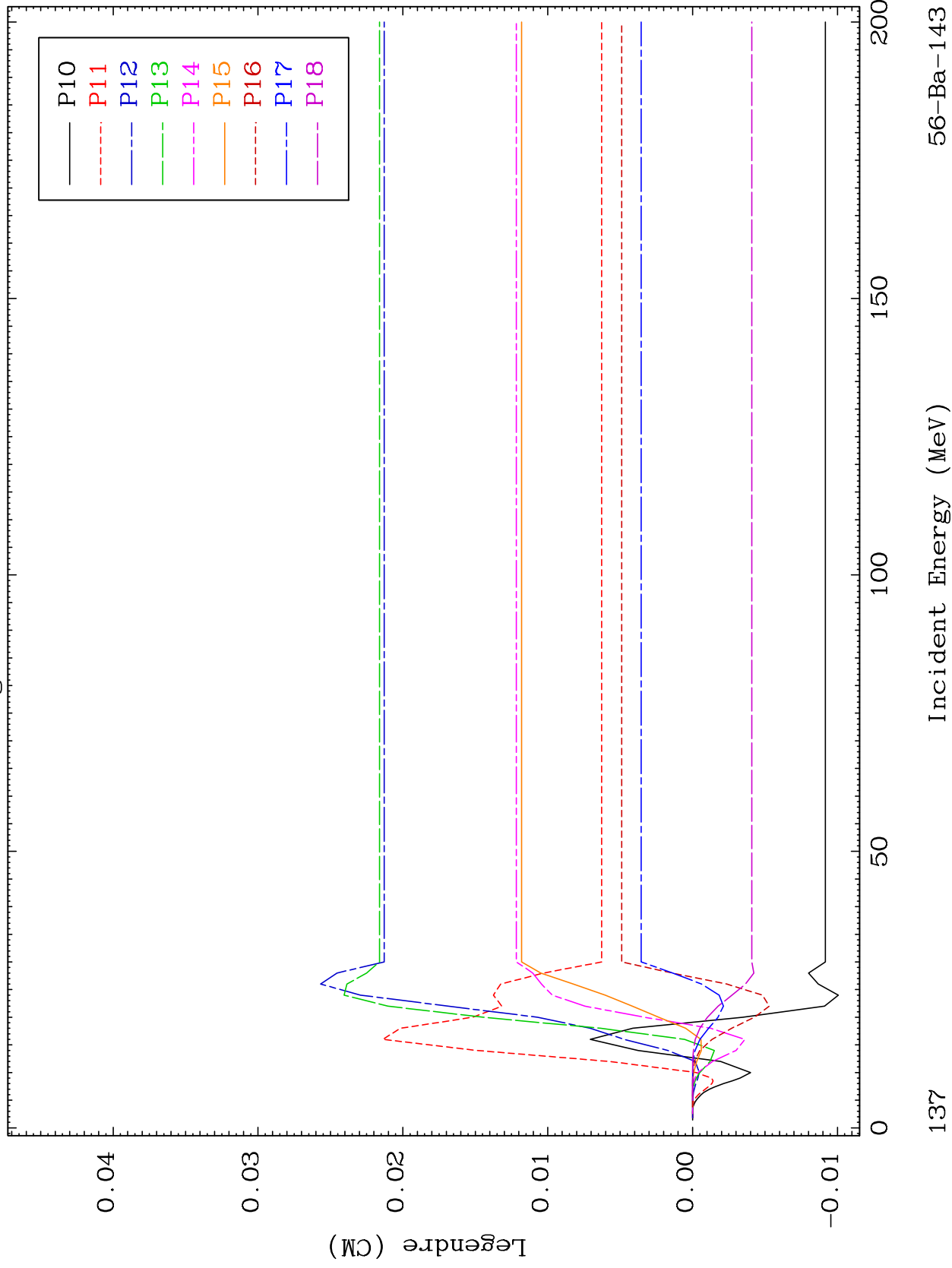
Incident Energy (MeV)

136

MAT 5664

1.253 MeV (n,n') Level Legendre Coefficients

56-Ba-143

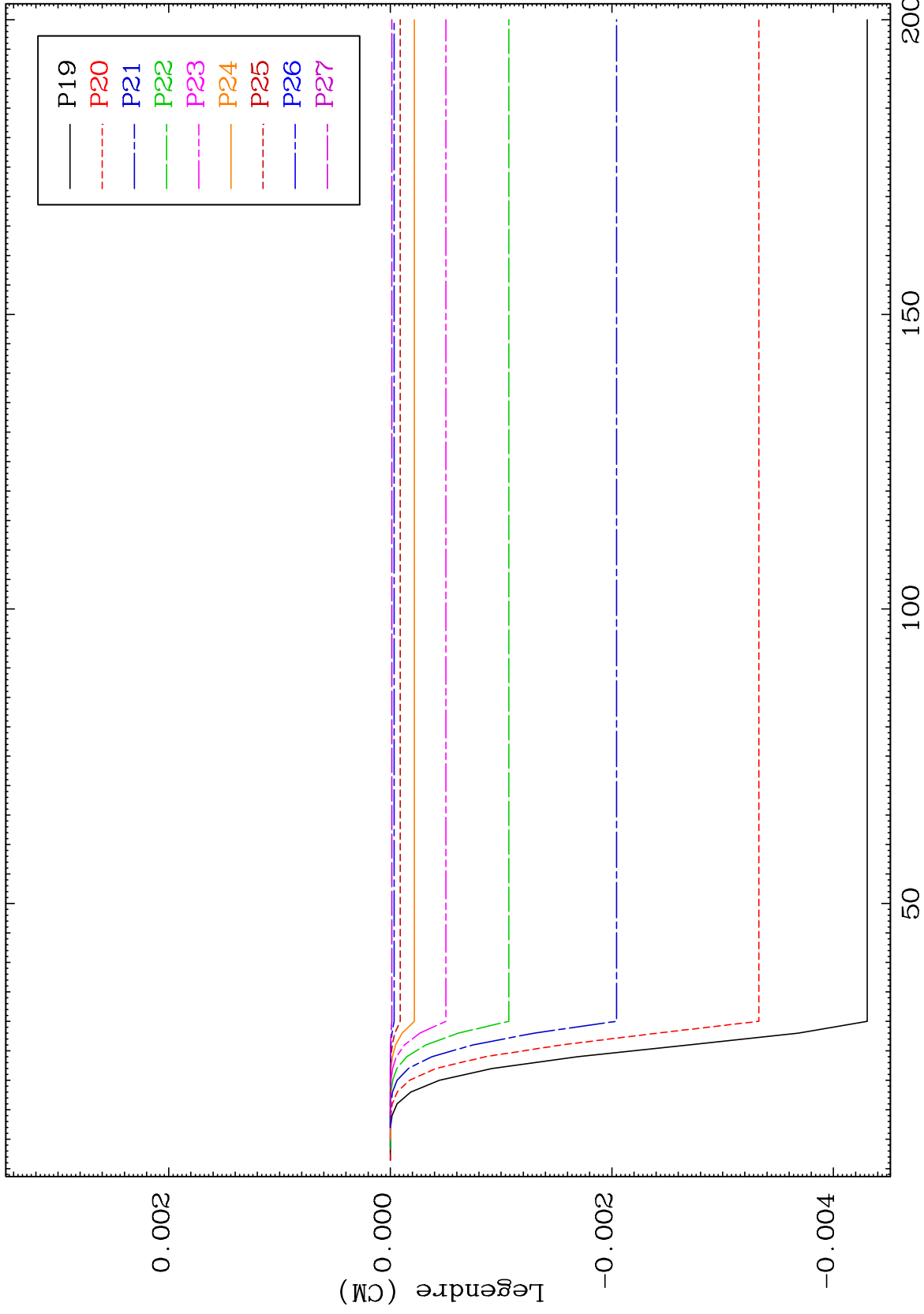


137

MAT 5664

1.253 MeV (n,n') Level  
Legendre Coefficients

56-Ba-143



138

Incident Energy (MeV)

56-Ba-143

