

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

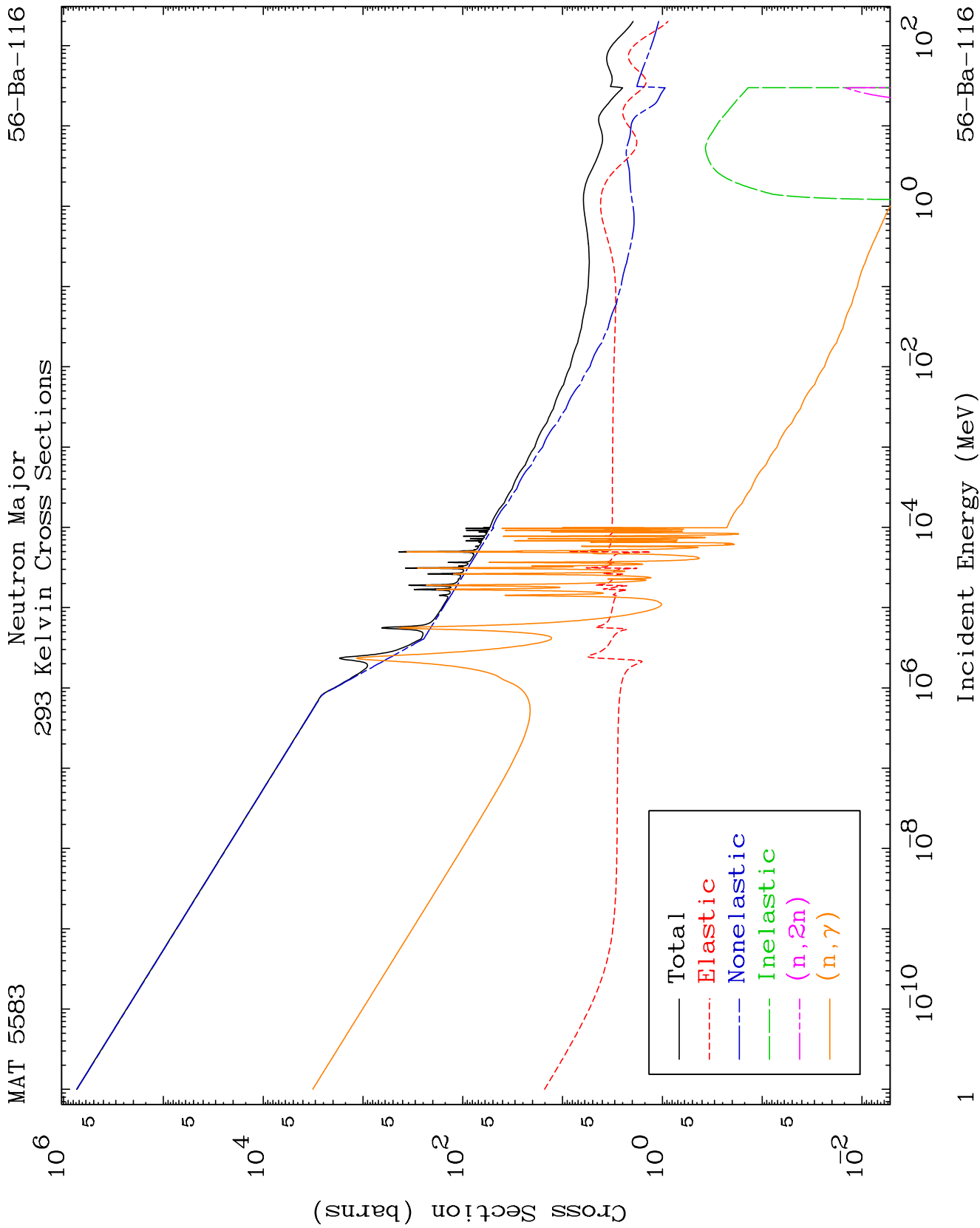
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

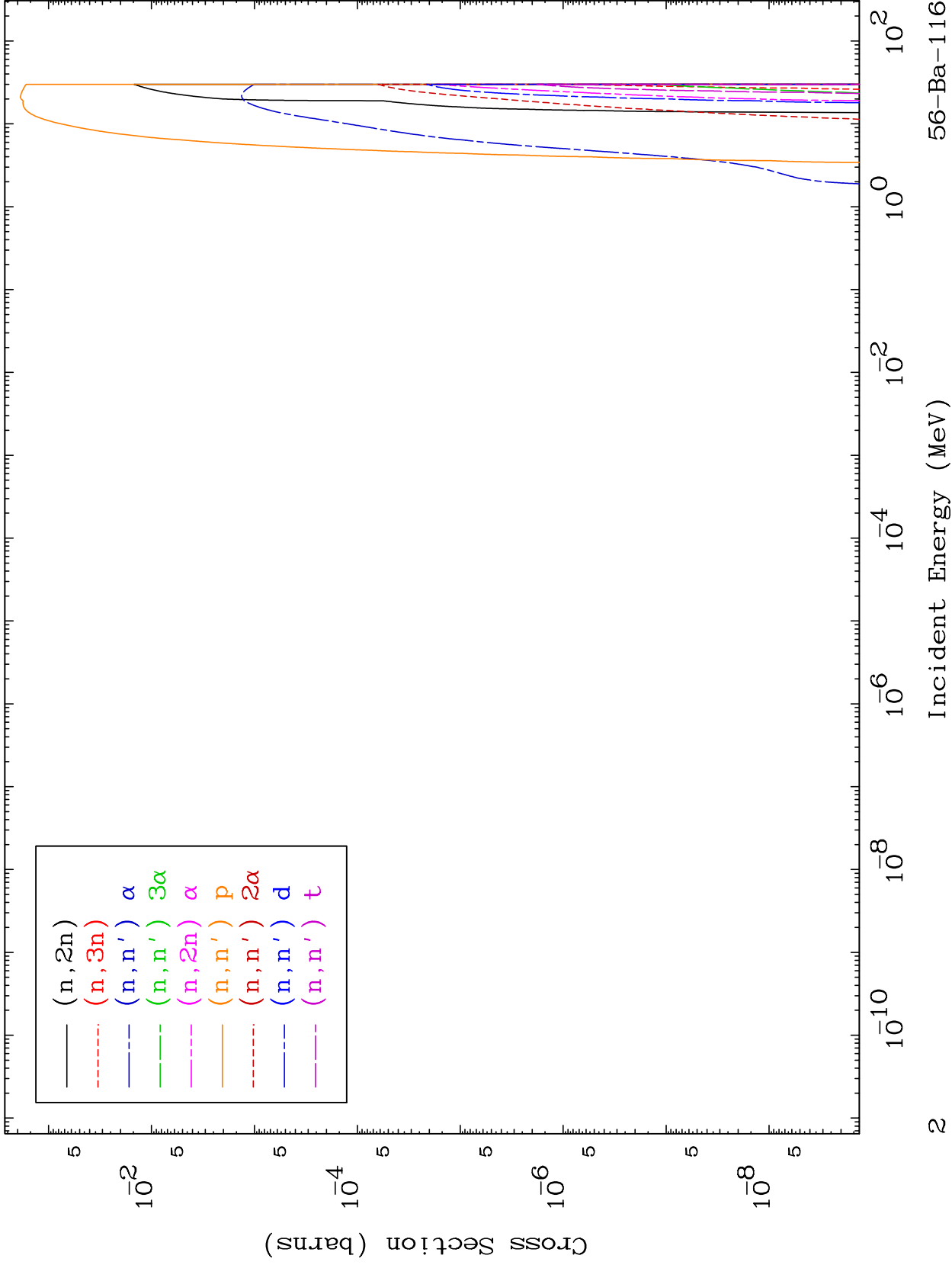
Press Mouse Button to Start

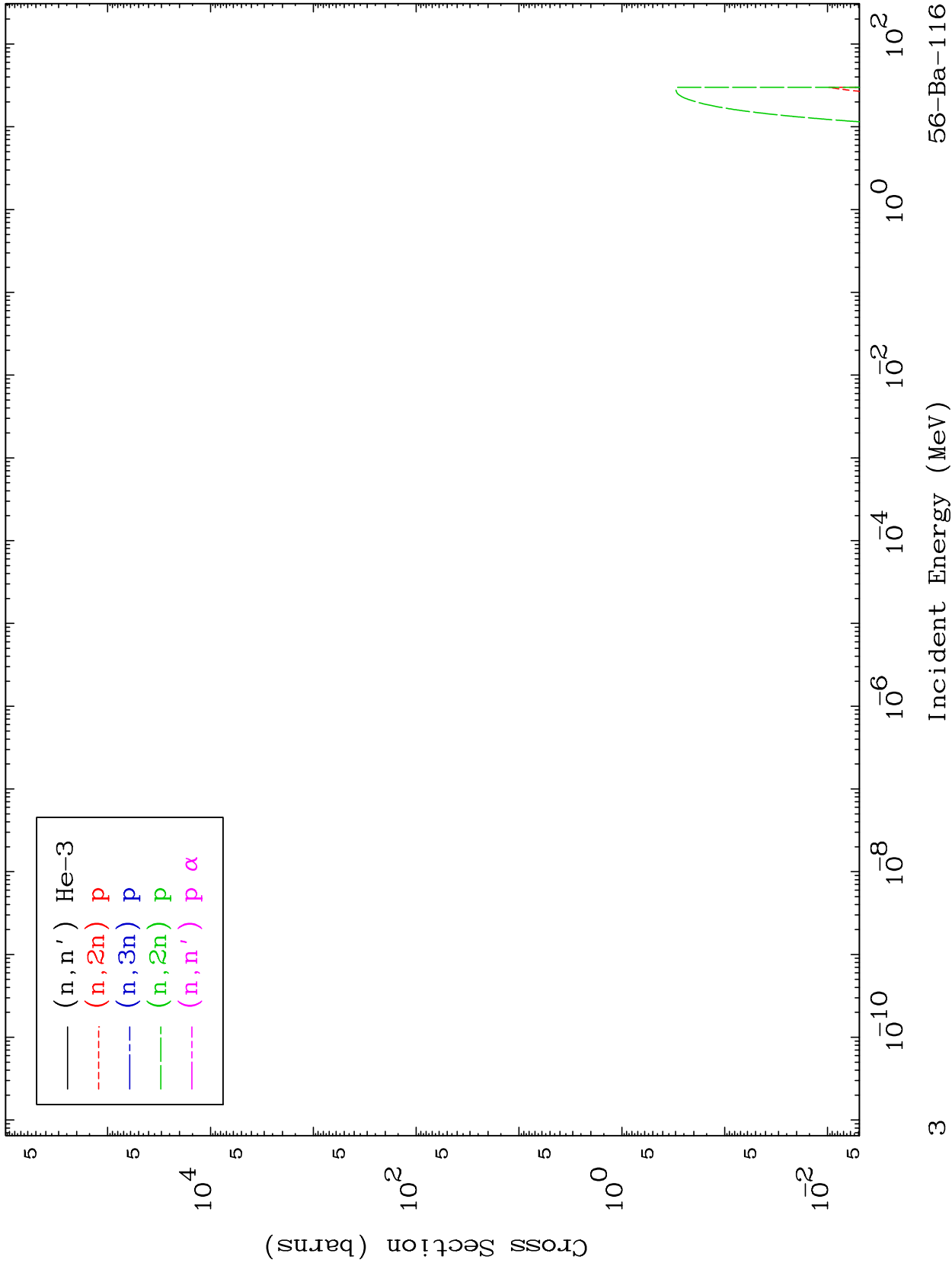


MAT 5583

Neutron Absorption
293 Kelvin Cross Sections

56-Ba-116

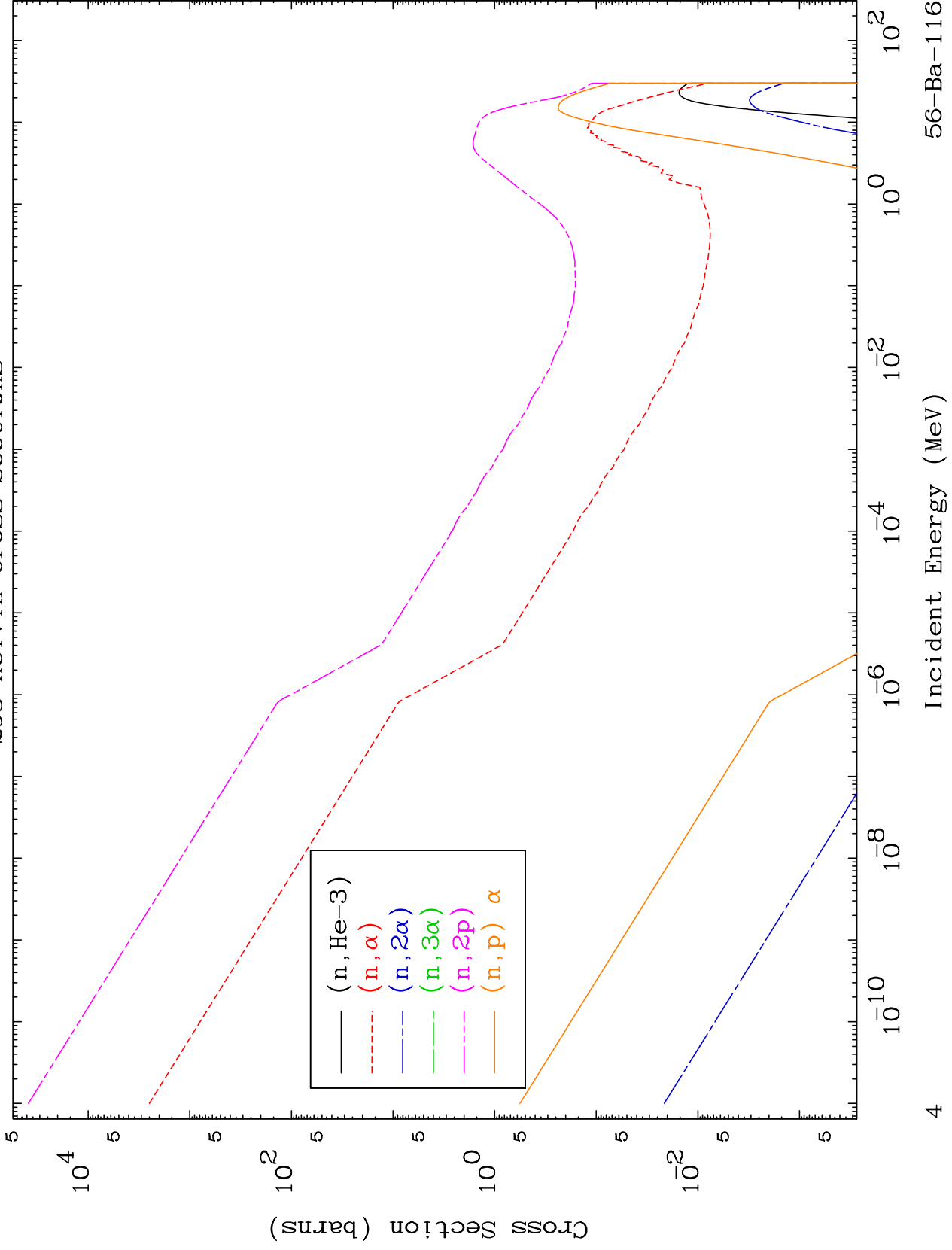




MAT 5583

Neutron Absorption
293 Kelvin Cross Sections

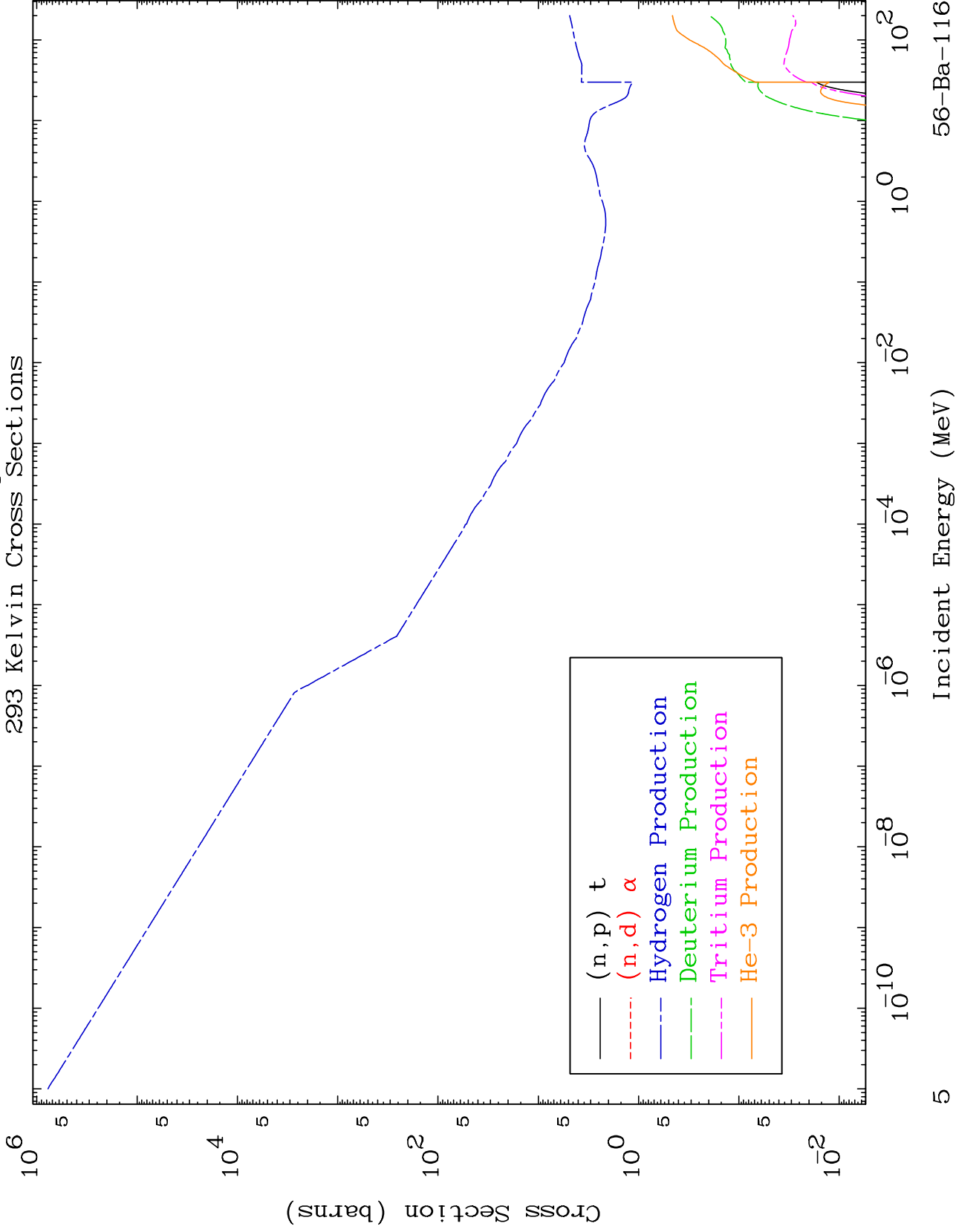
56-Ba-116



MAT 5583

Neutron Absorption
293 Kelvin Cross Sections

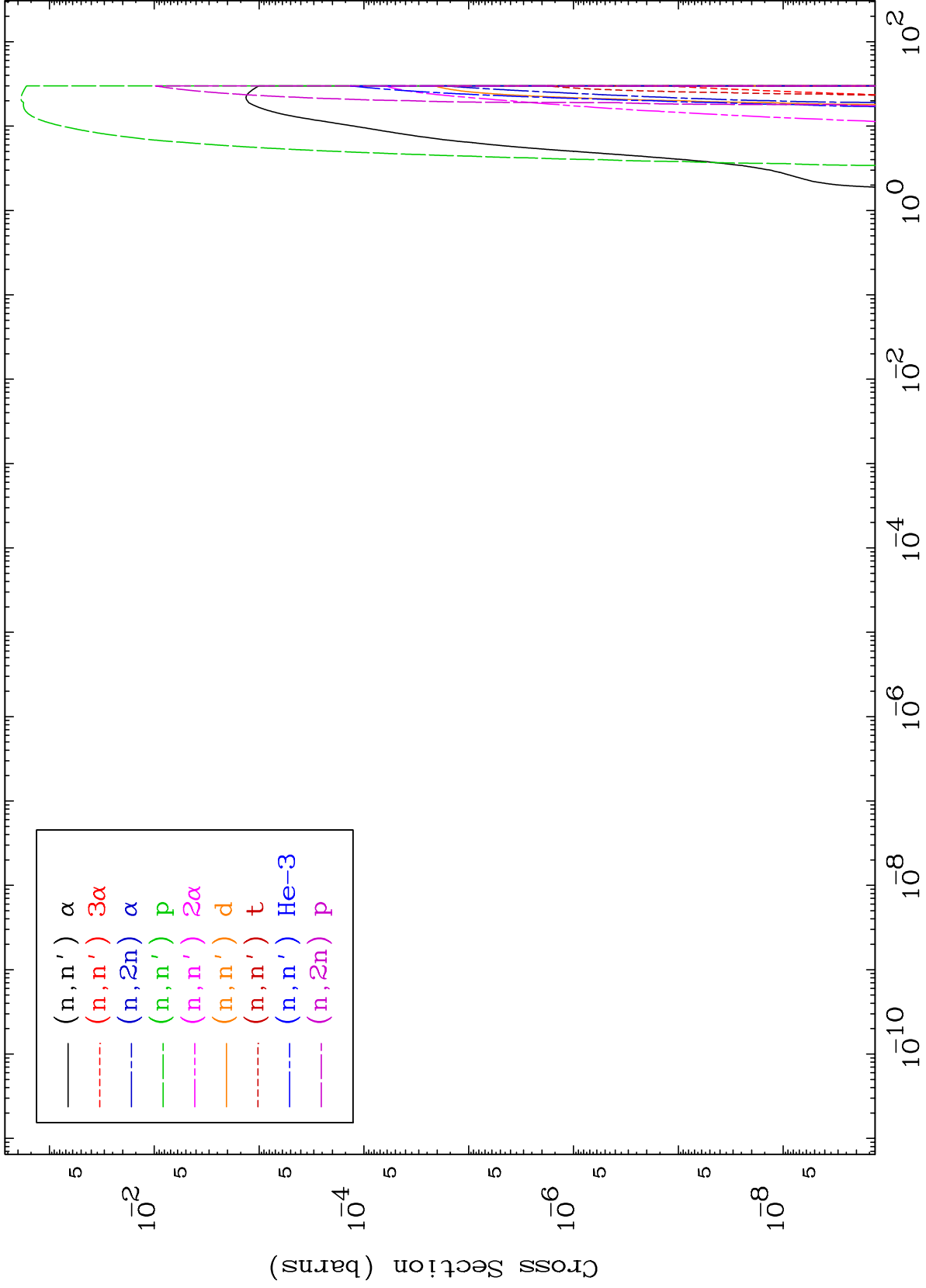
56-Ba-116



MAT 5583

Charged Particle
293 Kelvin Cross Sections

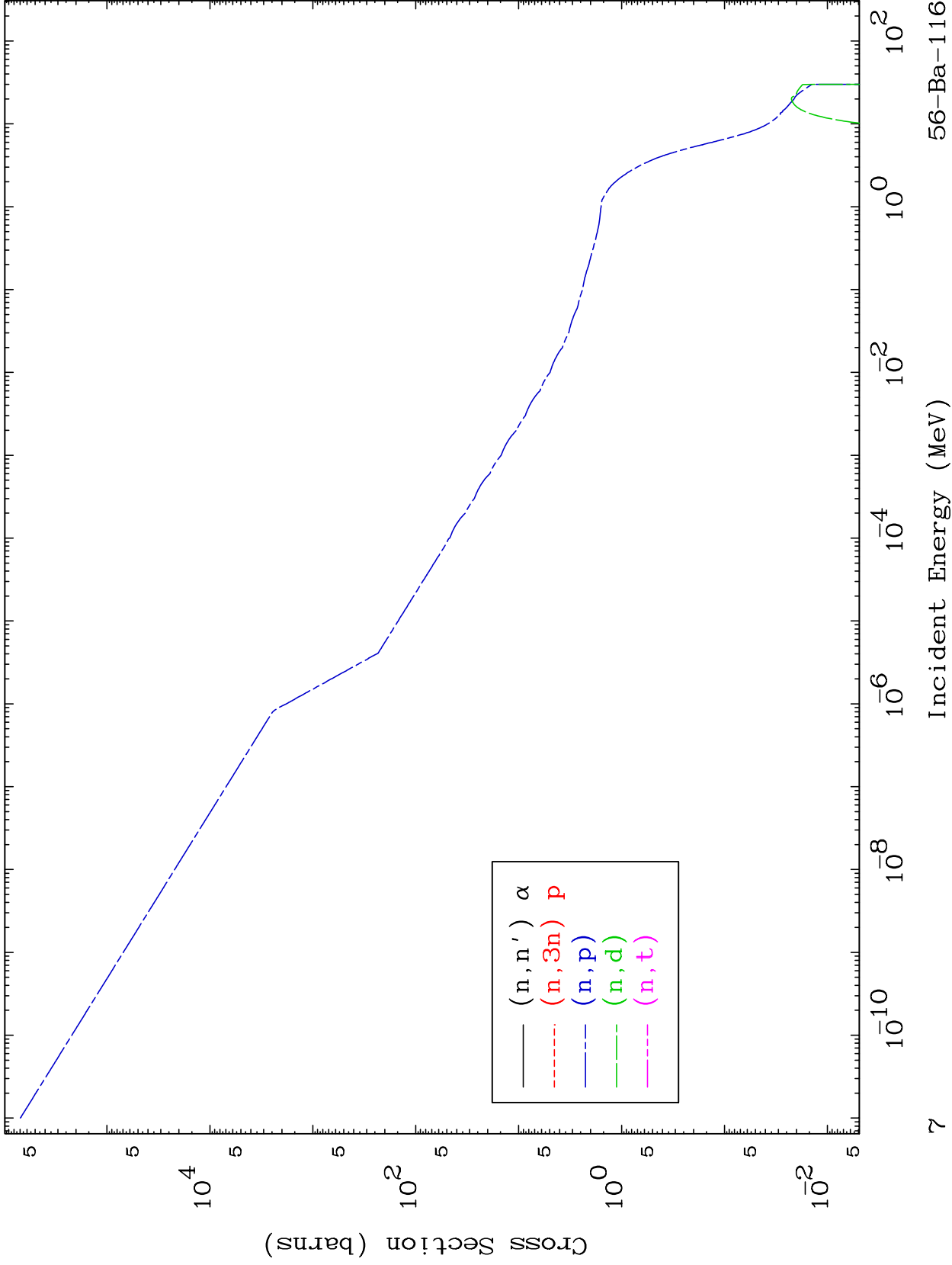
56-Ba-116

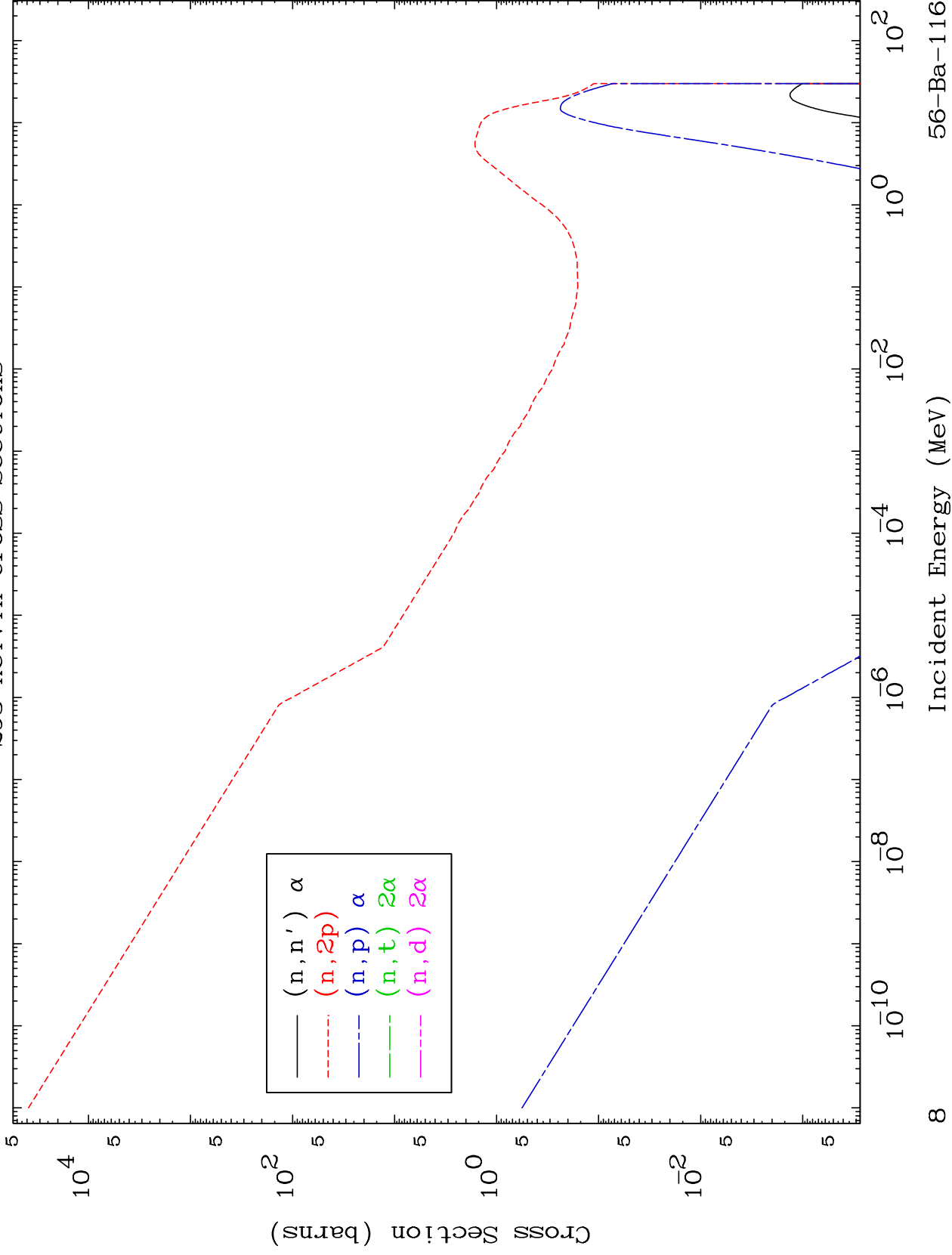


MAT 5583

Charged Particle
293 Kelvin Cross Sections

56-Ba-116

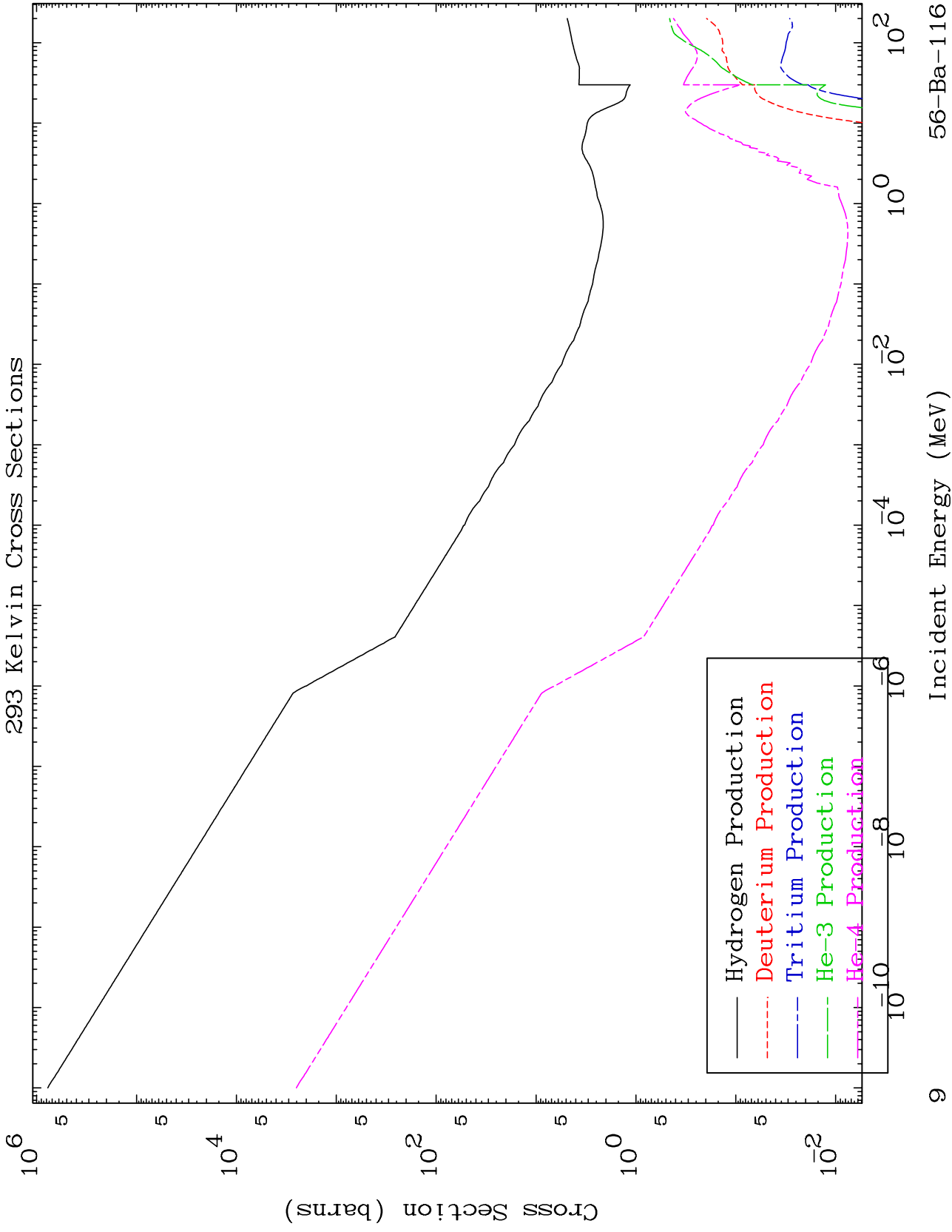




MAT 5583

Particle Production
293 Kelvin Cross Sections

56-Ba-116

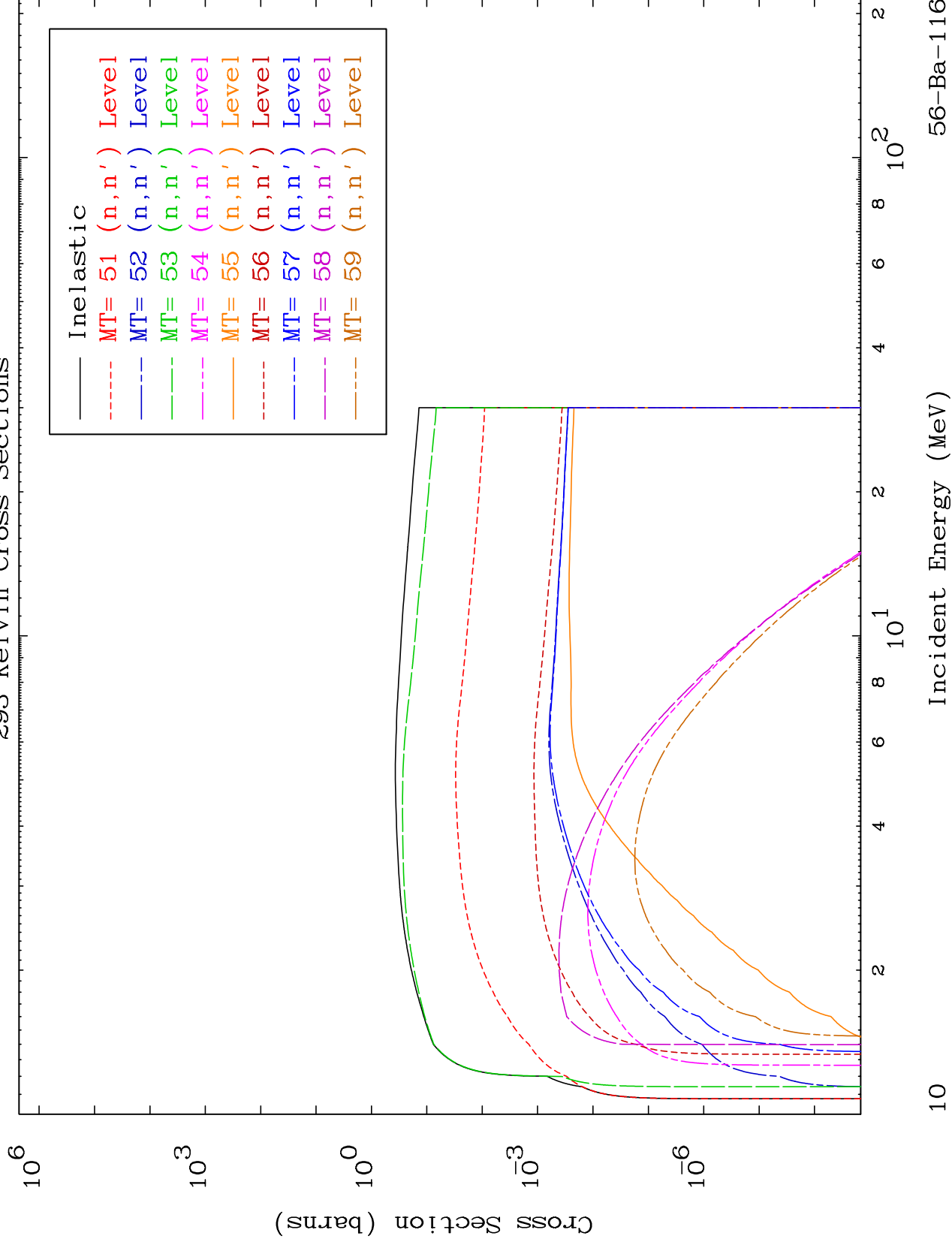


MAT 5583

(n,n') Levels

56-Ba-116

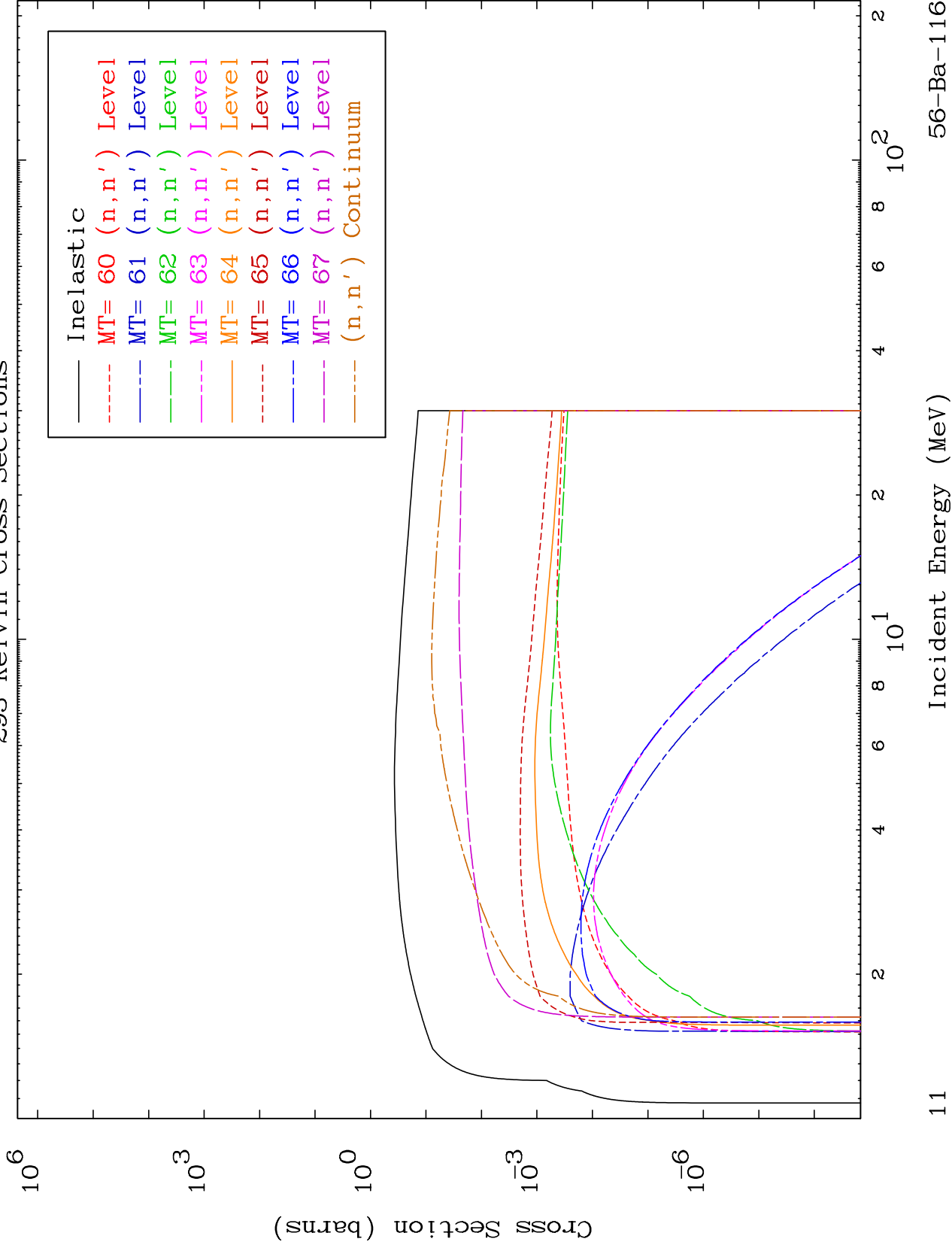
293 Kelvin Cross Sections



10

Incident Energy (MeV)

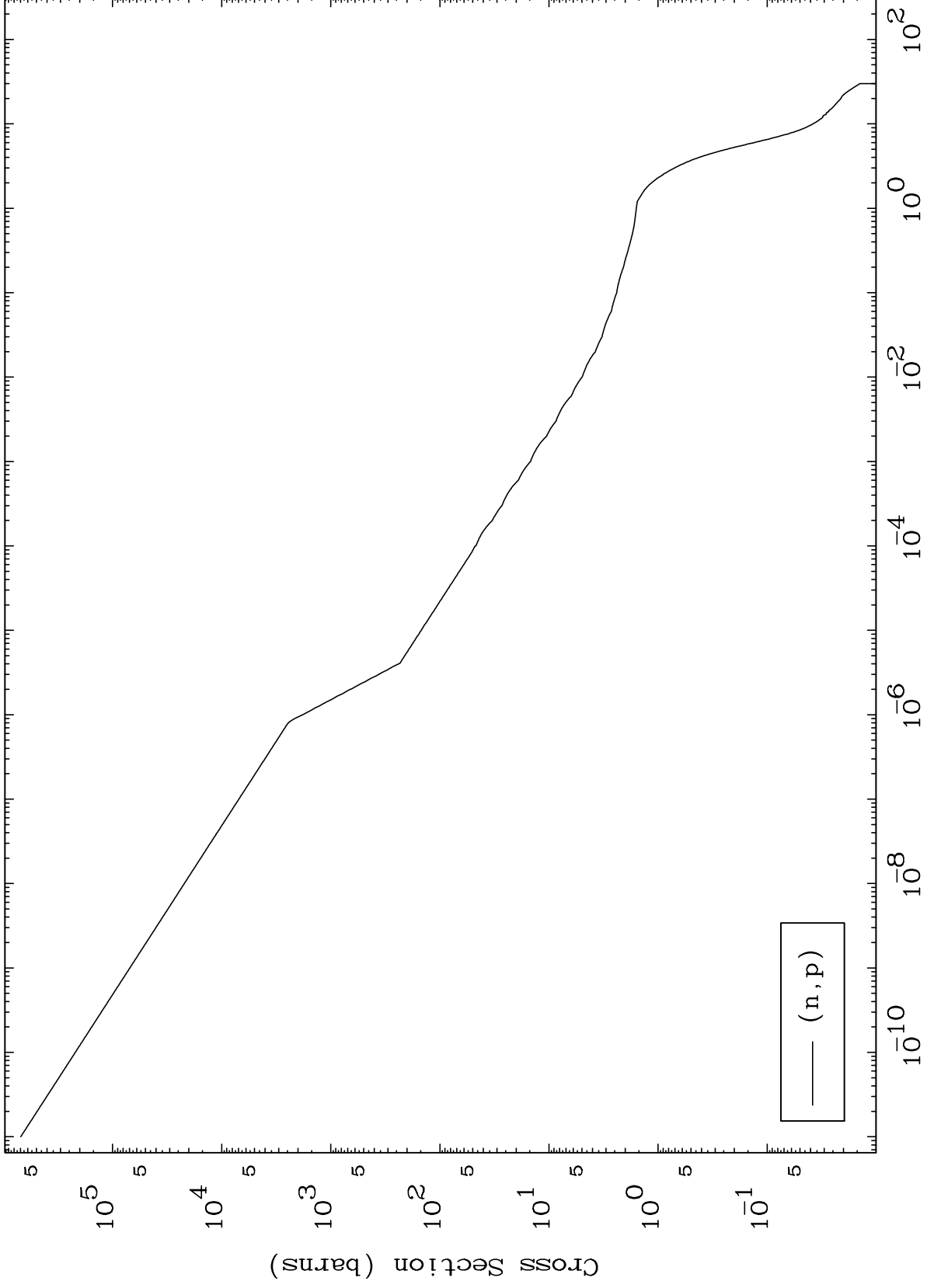
56-Ba-116



MAT 5583

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-116



12

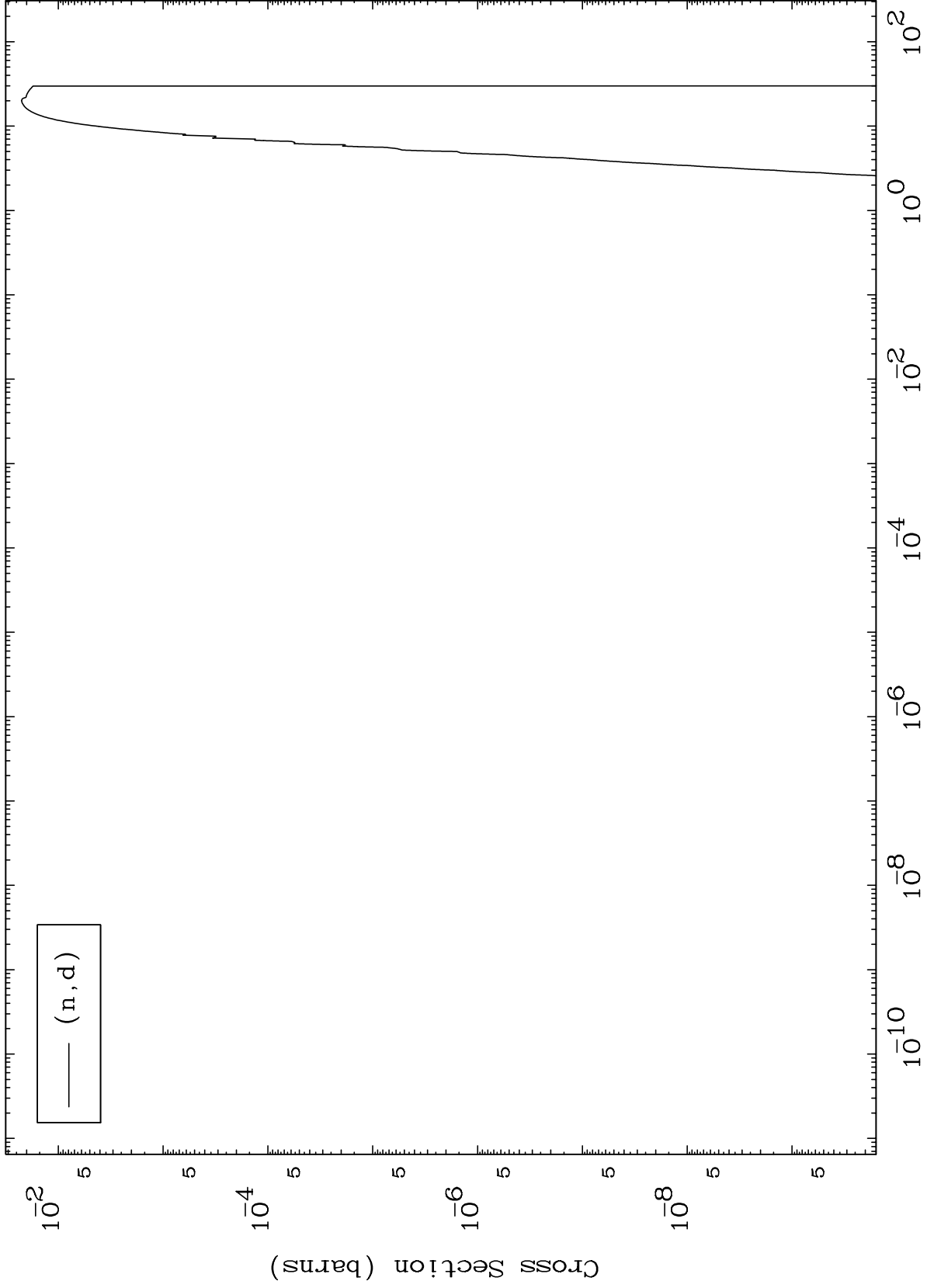
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,d) Levels
293 Kelvin Cross Sections

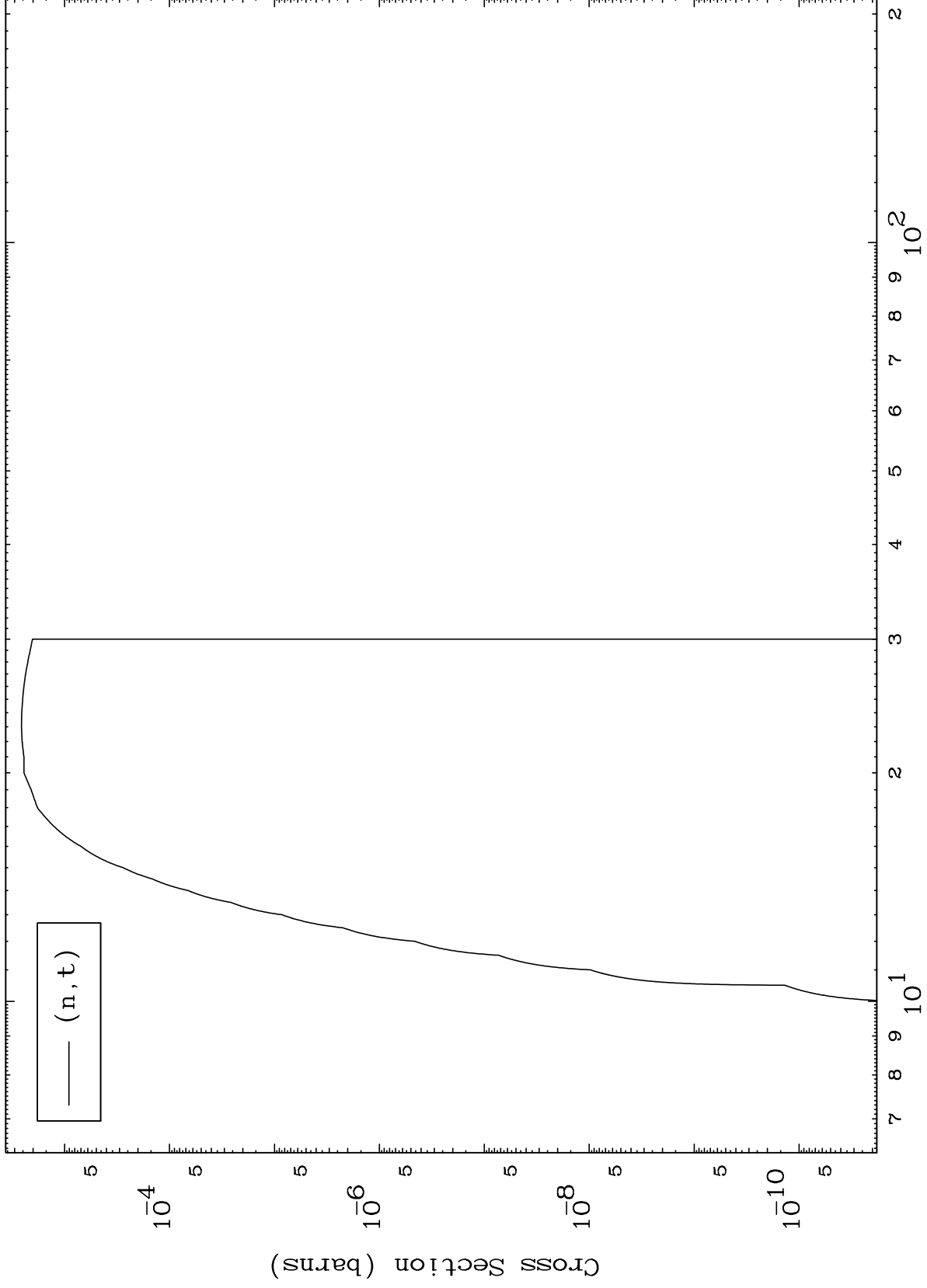
56-Ba-116



MAT 5583

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-116



14

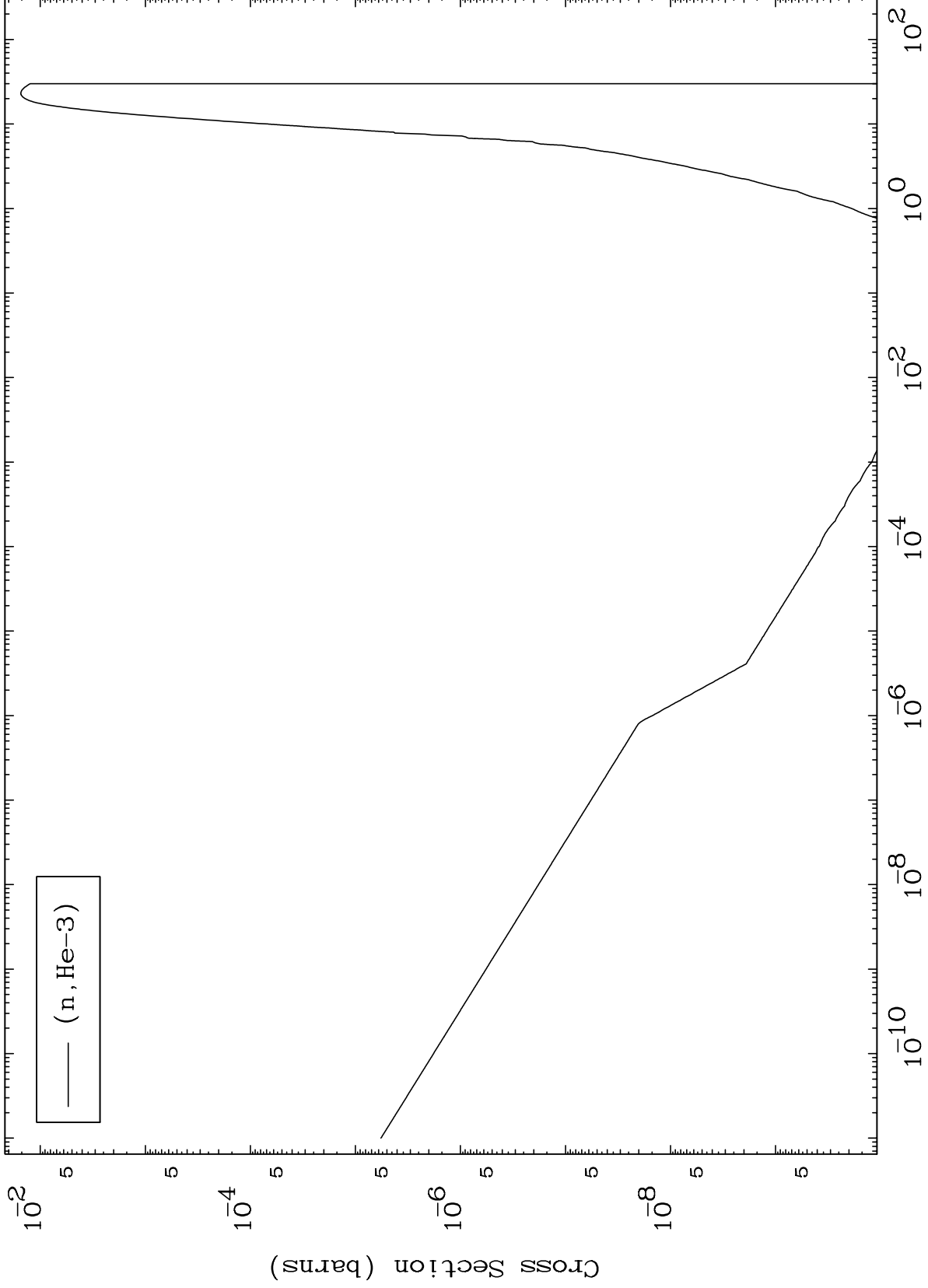
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-116



15

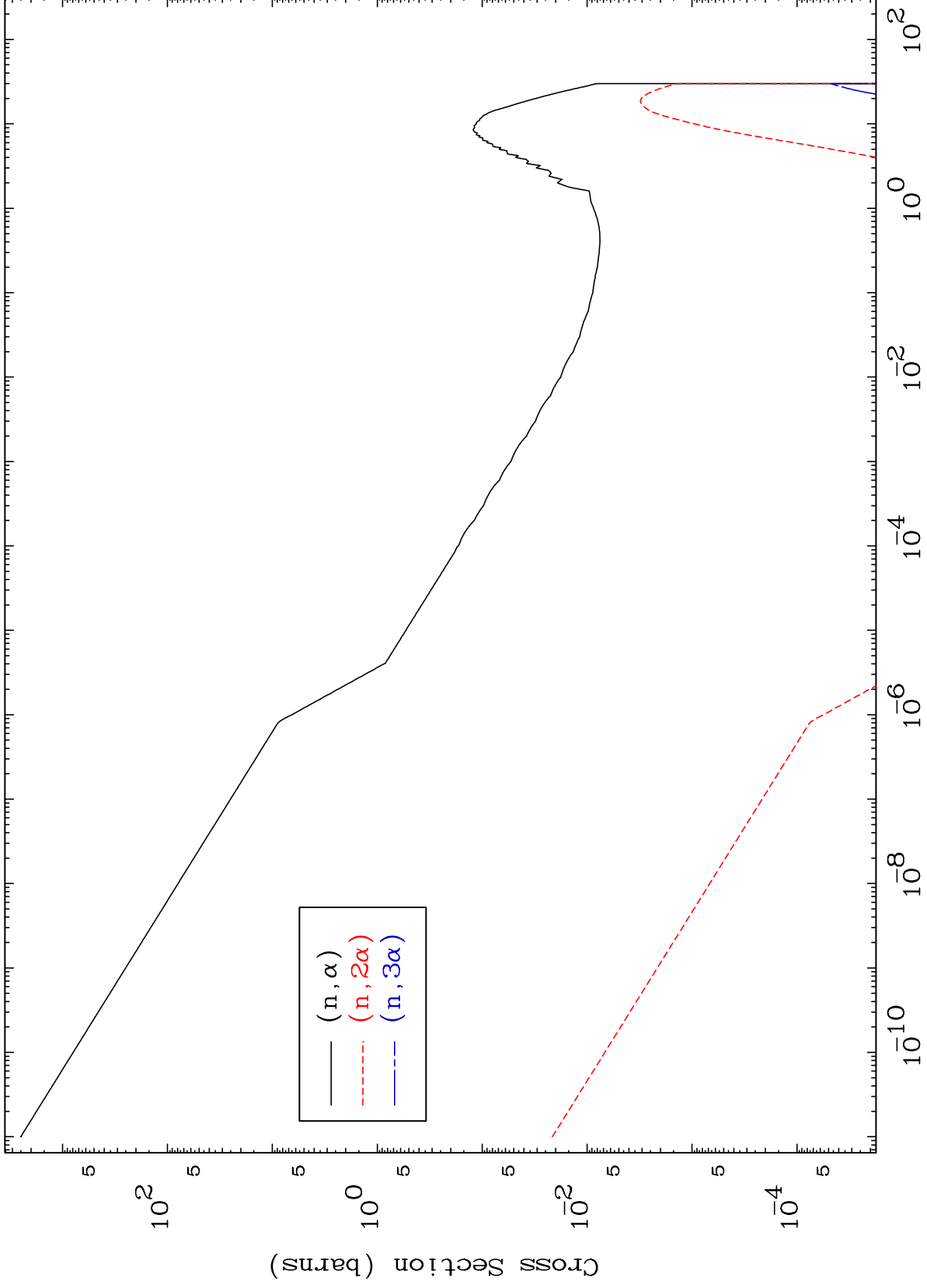
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-116



16

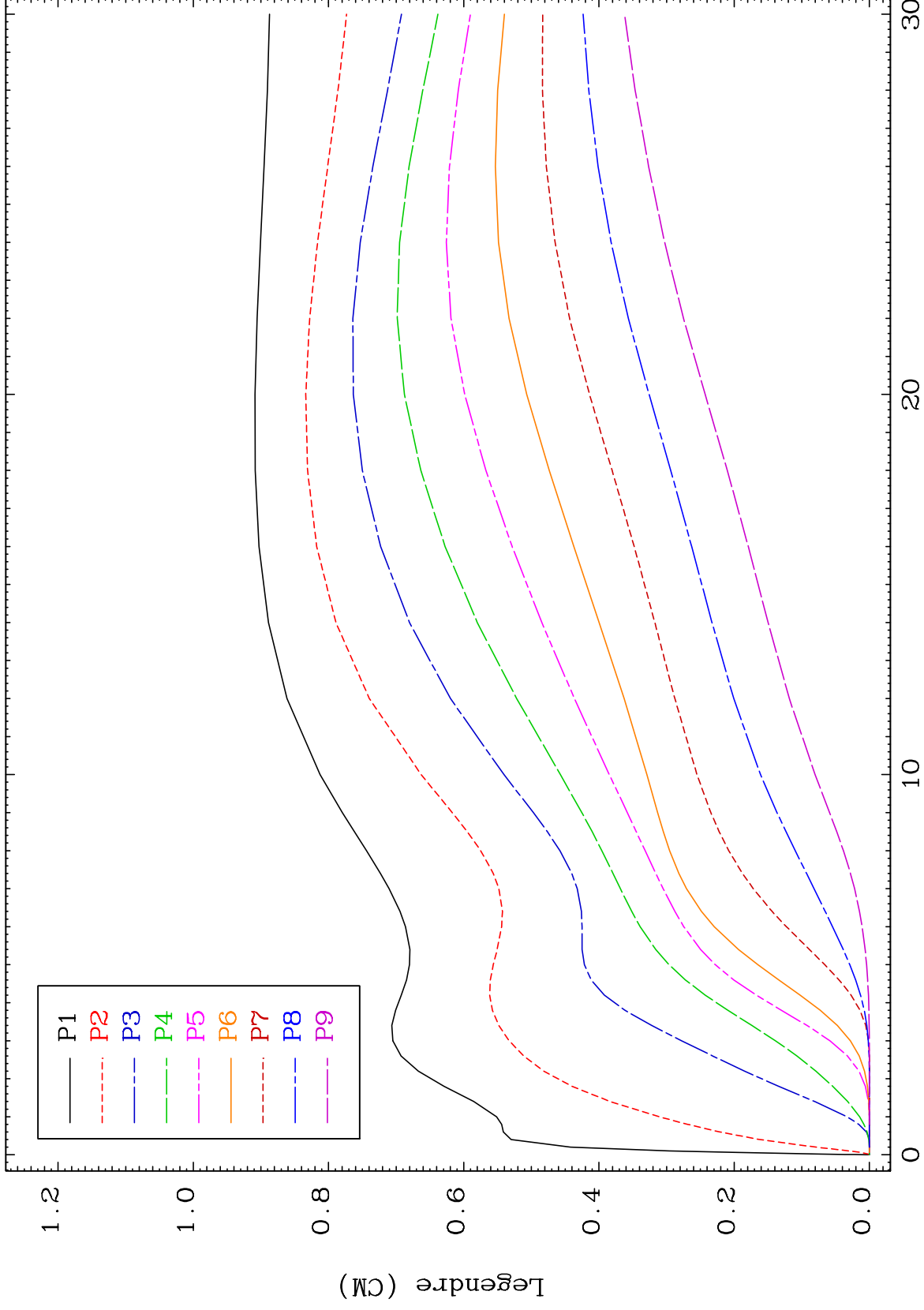
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



17

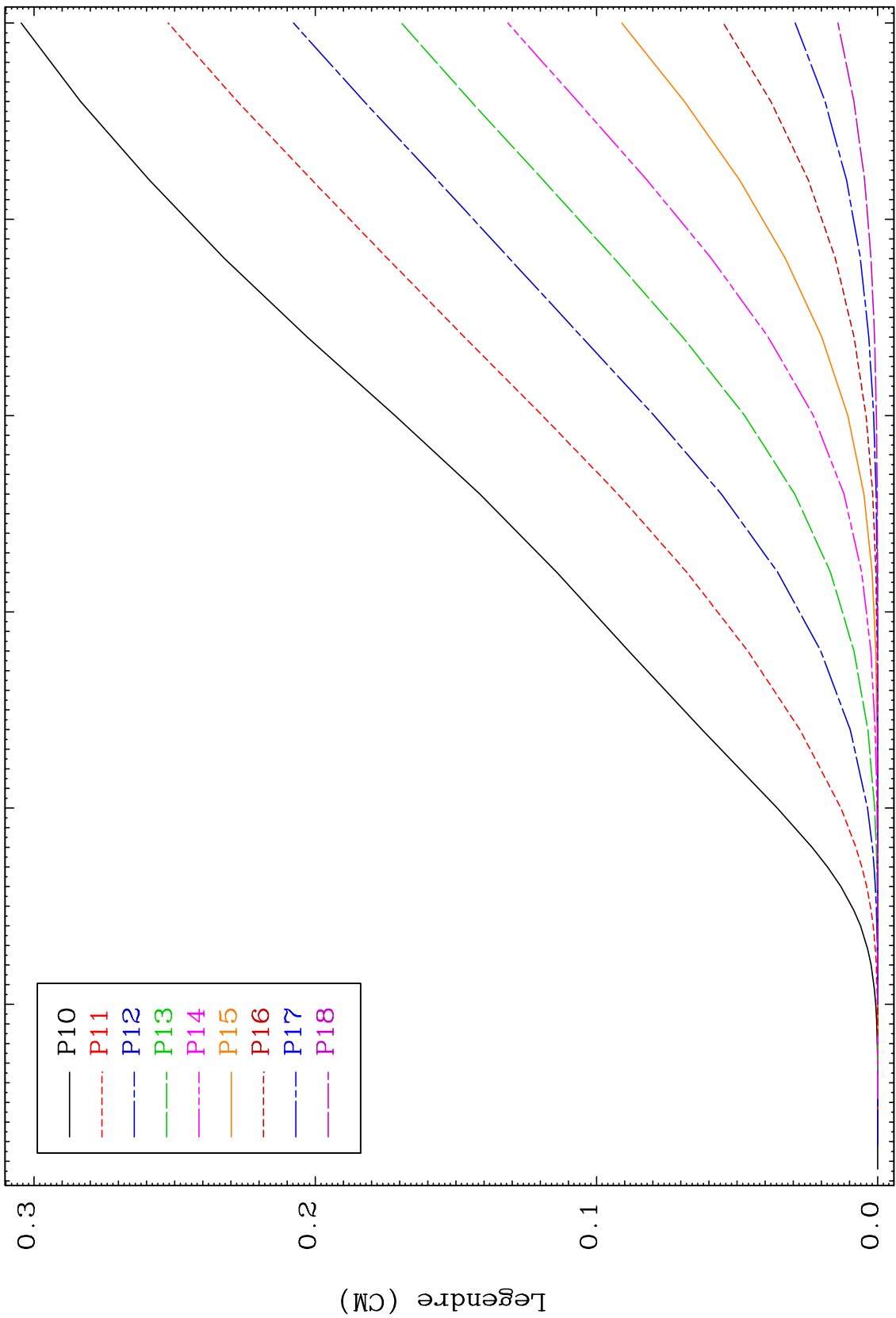
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



18

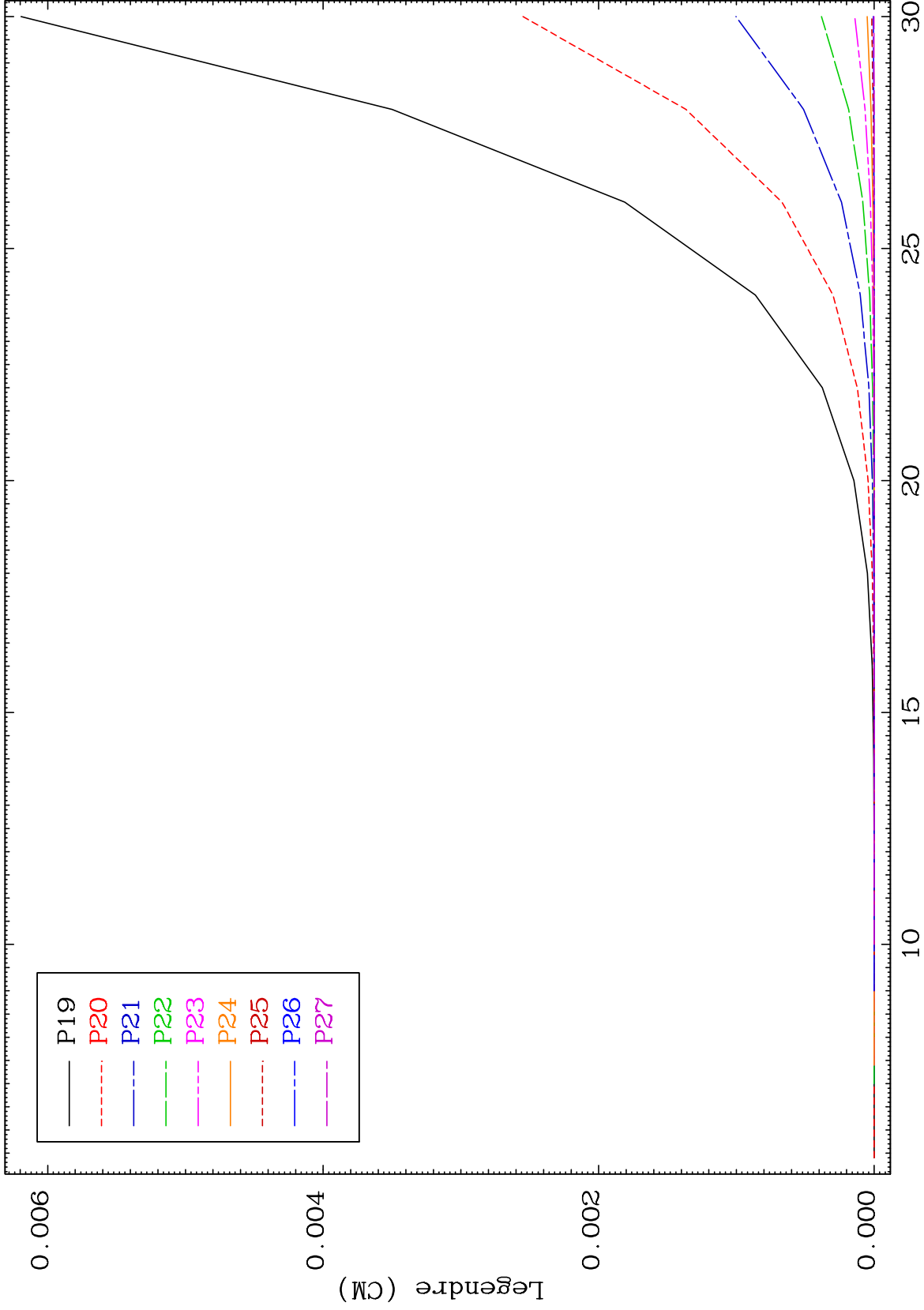
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



19

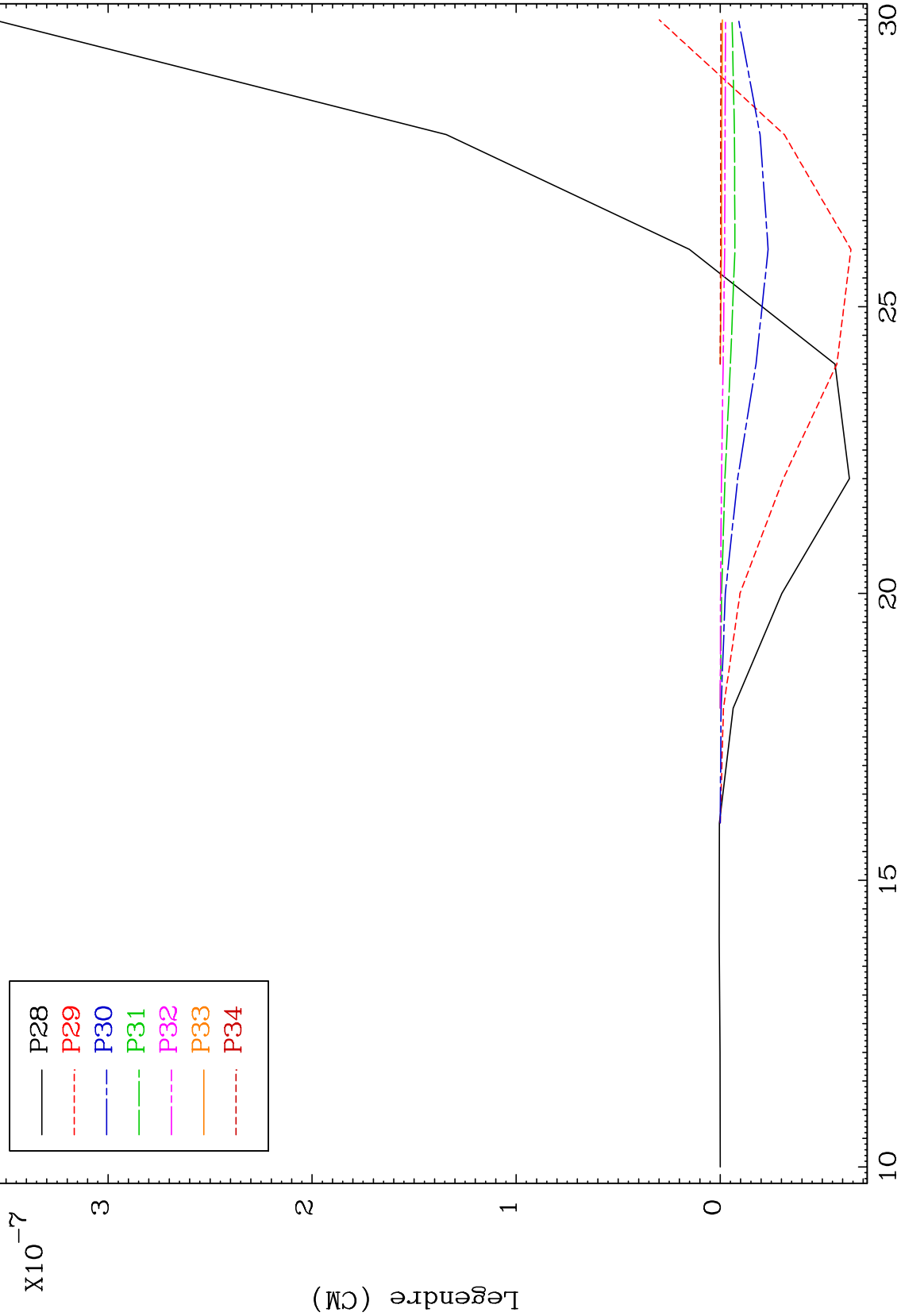
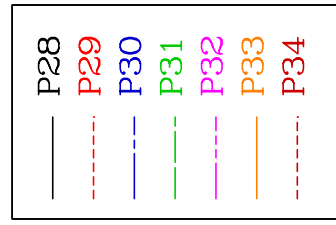
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



56-Ba-116

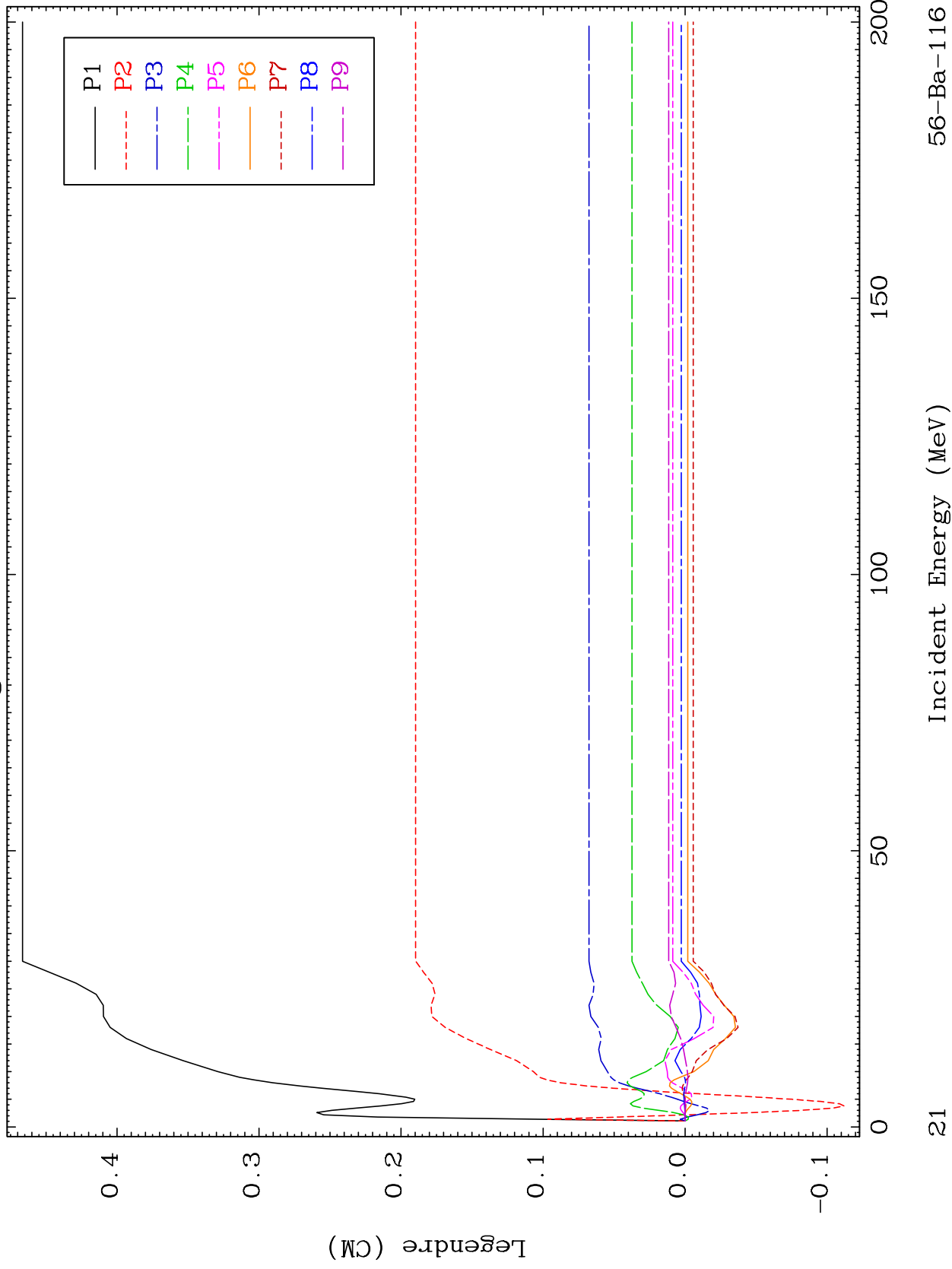
Incident Energy (MeV)

20

MAT 5583

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

56-Ba-116



56-Ba-116

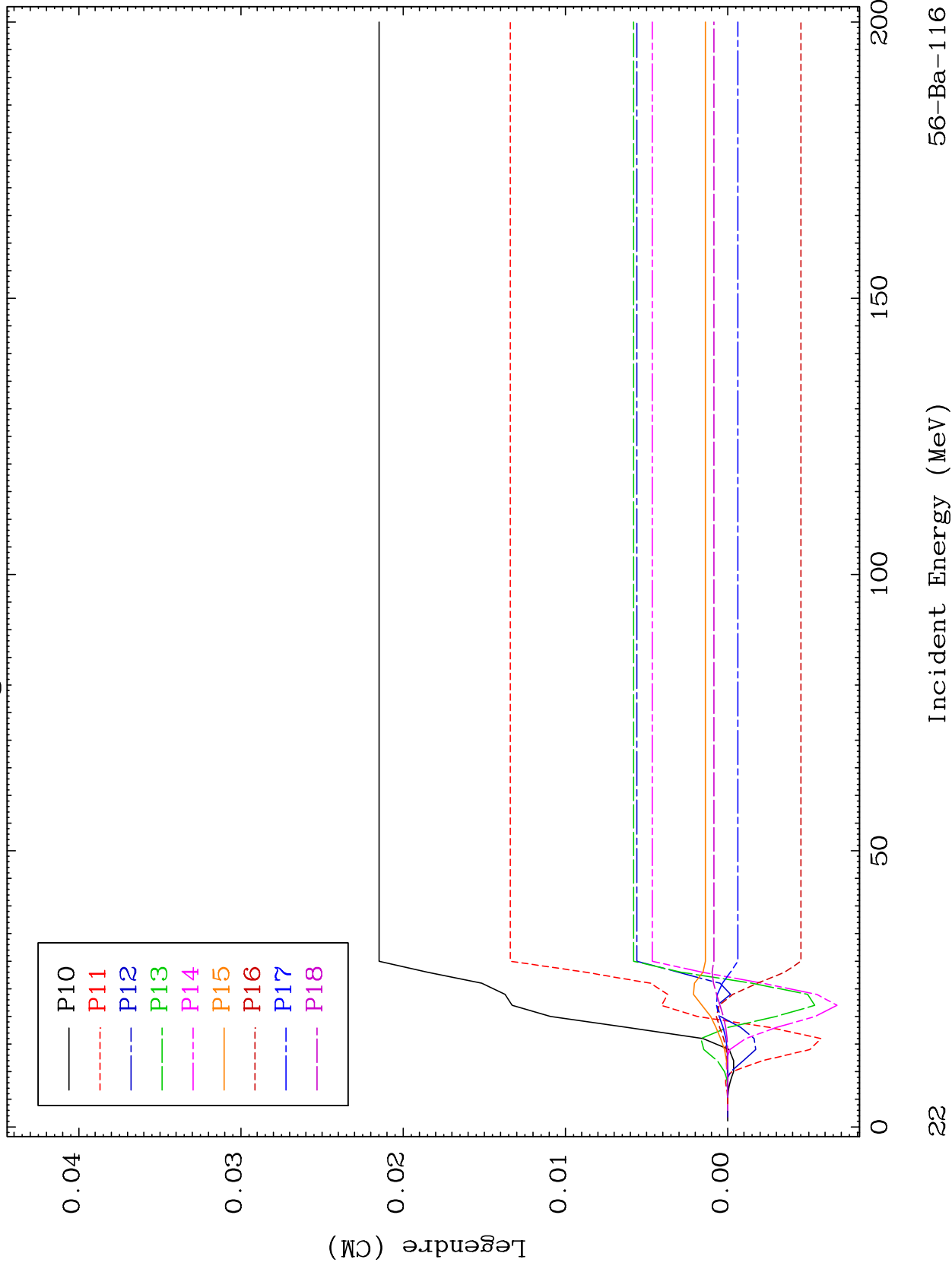
Incident Energy (MeV)

21

MAT 5583

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

56-Ba-116



56-Ba-116

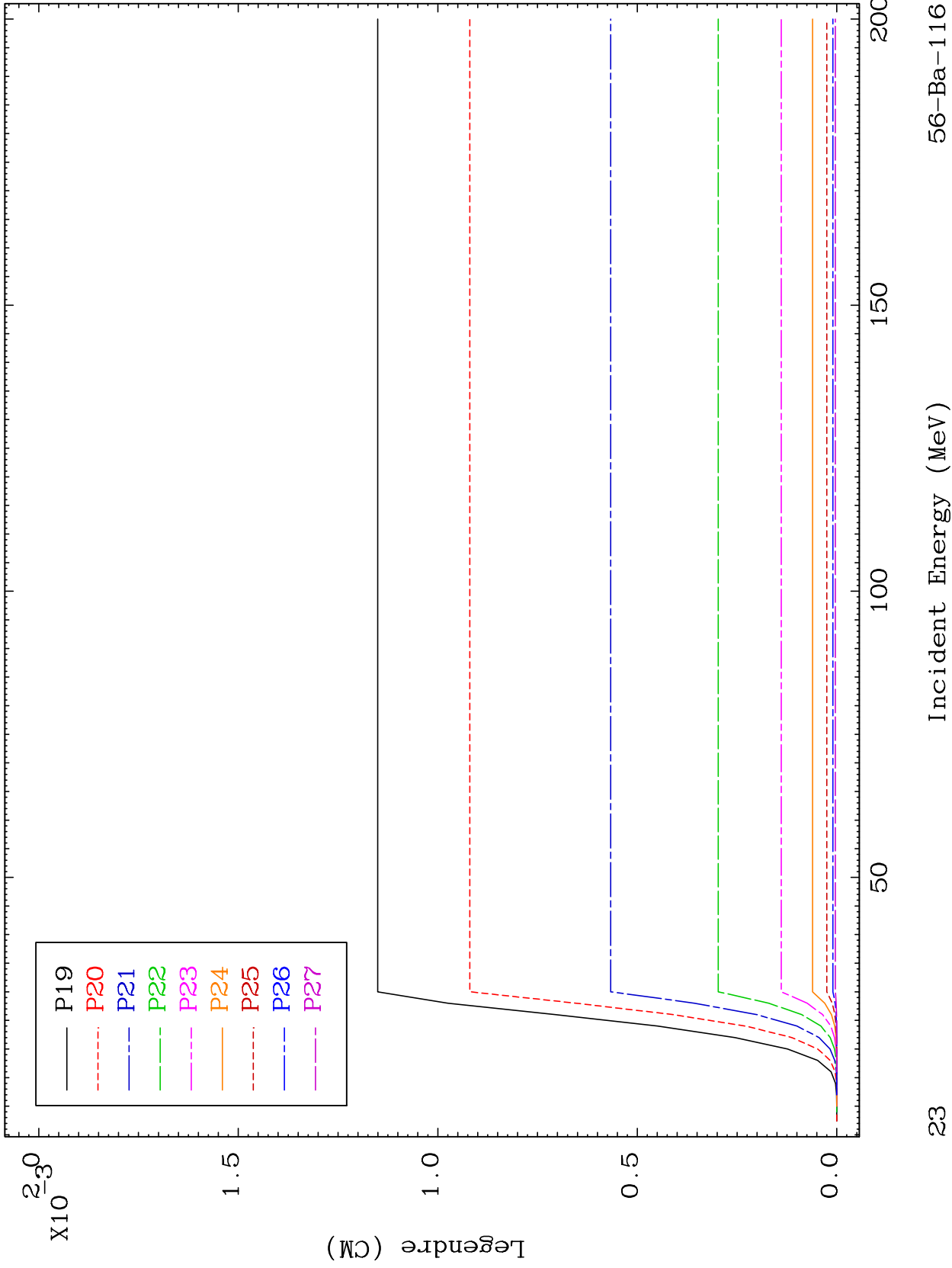
Incident Energy (MeV)

22

MAT 5583

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

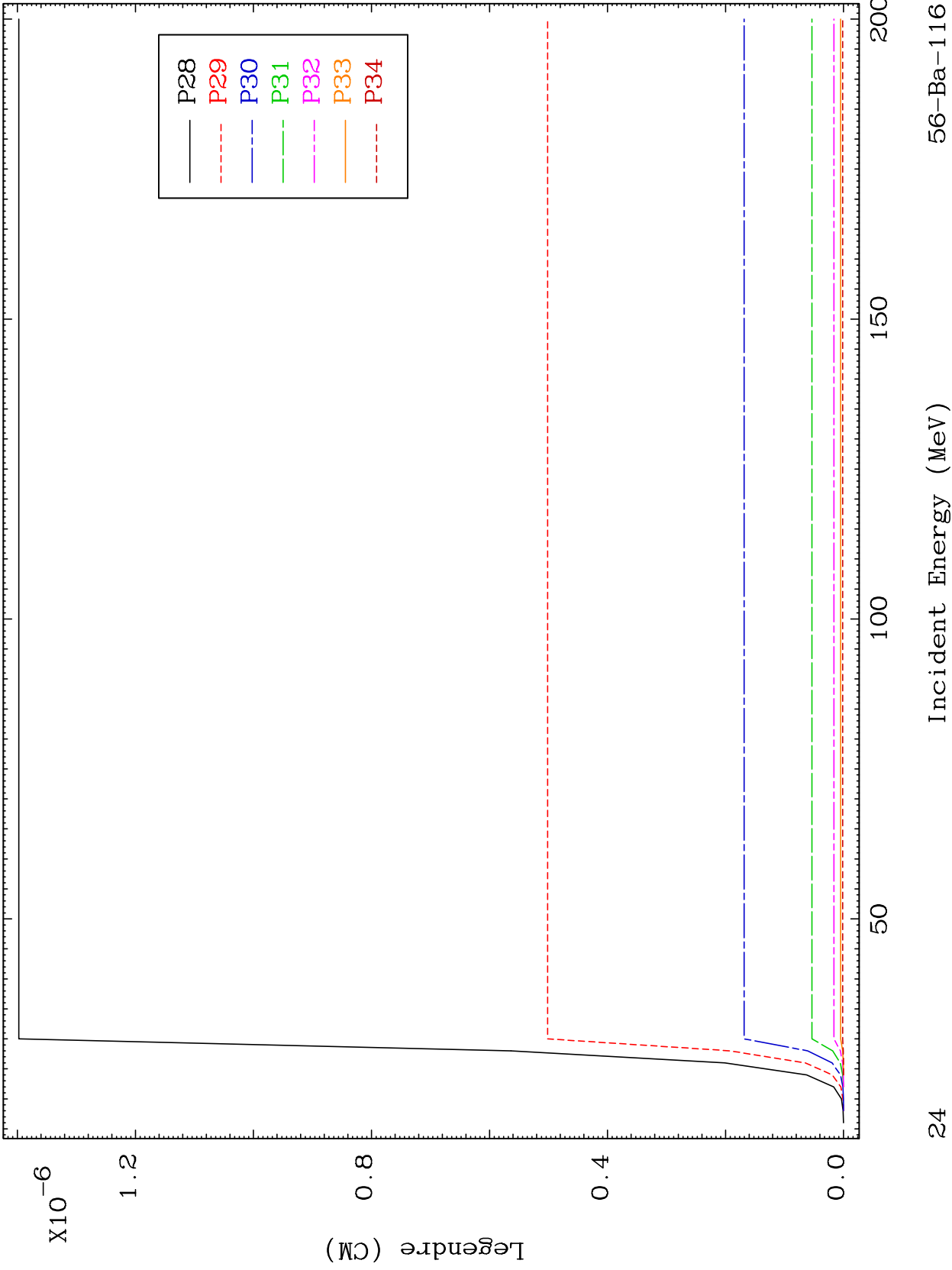
56-Ba-116



MAT 5583

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

56-Ba-116



24

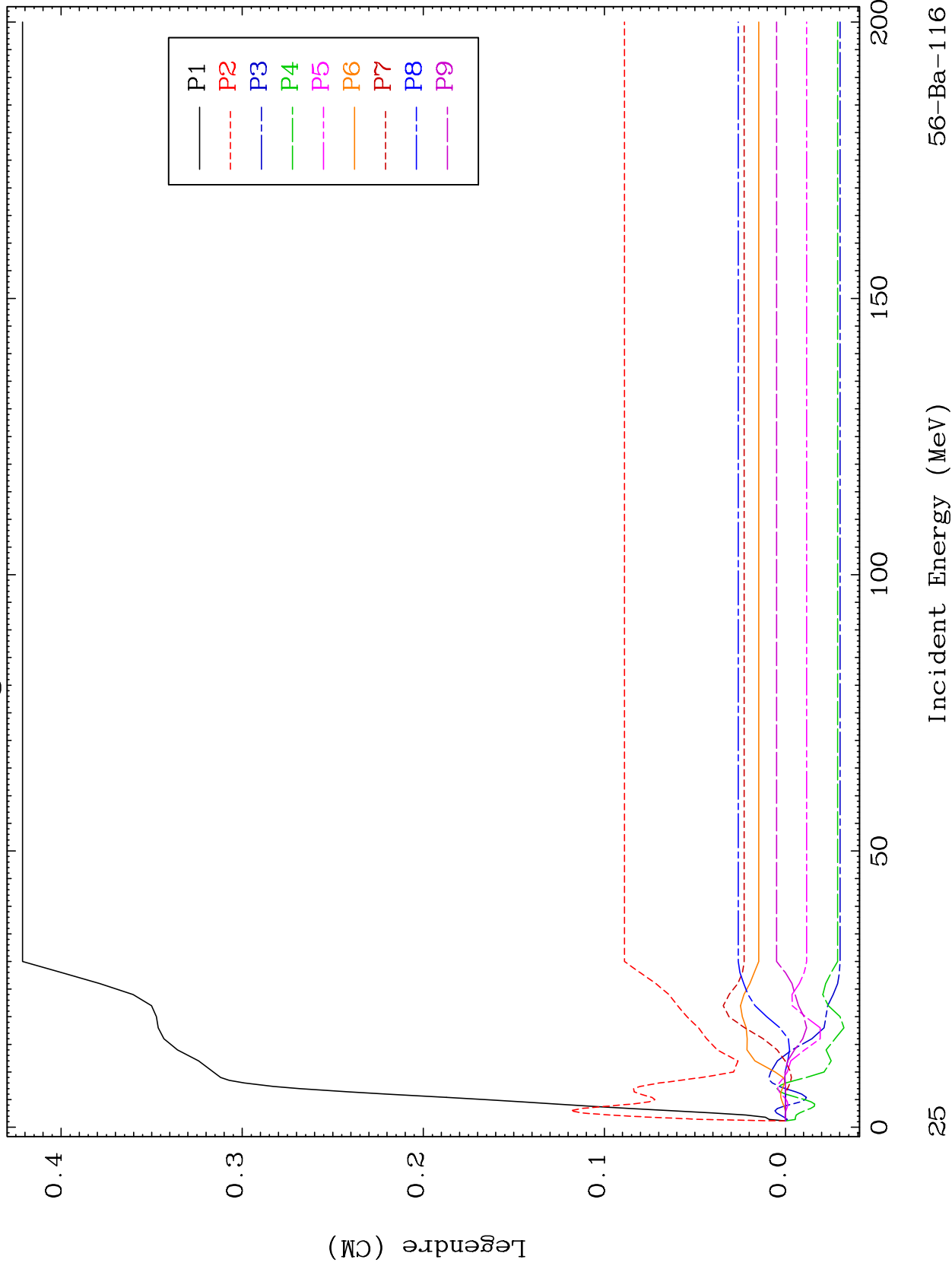
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



56-Ba-116

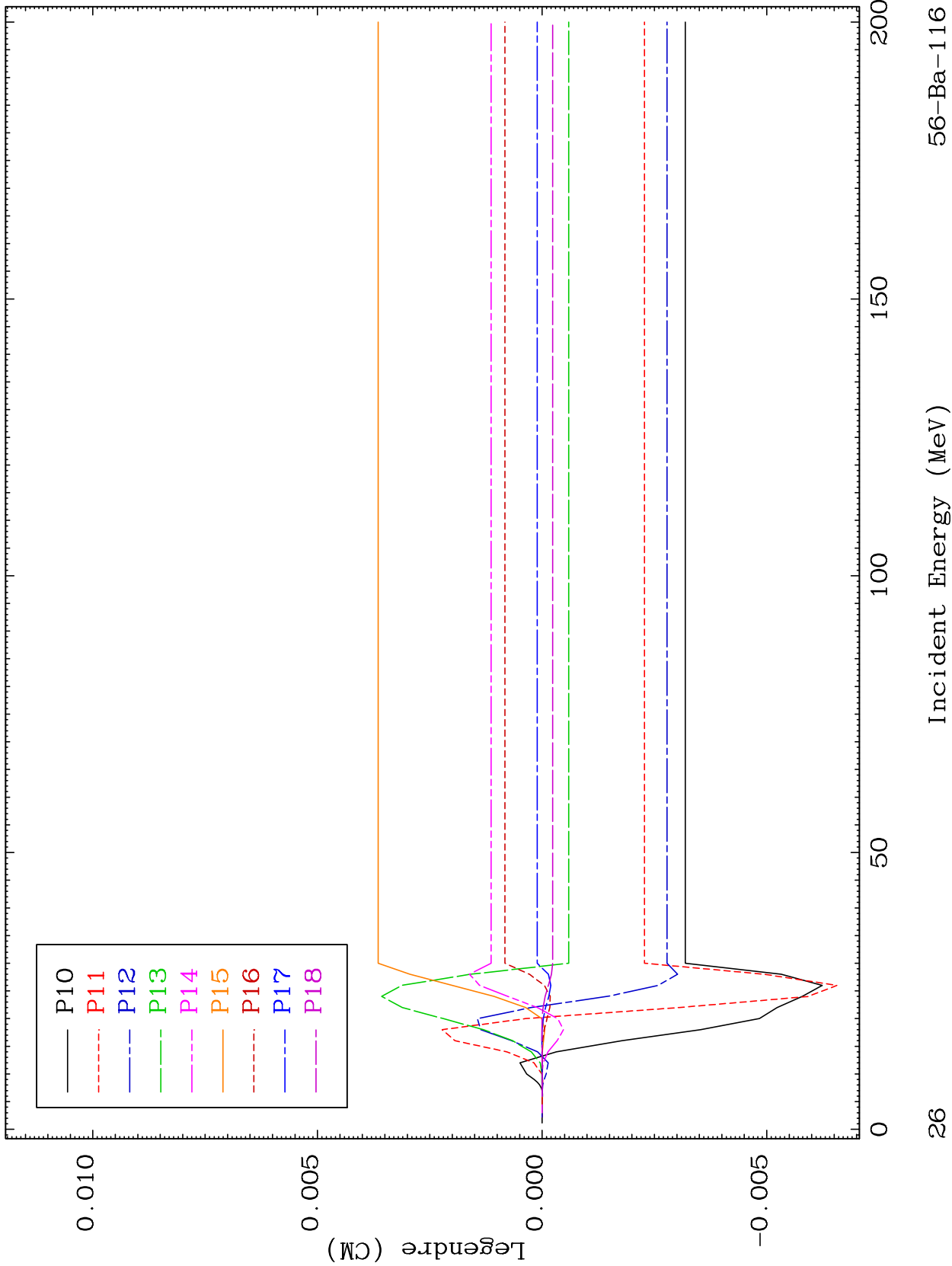
Incident Energy (MeV)

25

MAT 5583

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

56-Ba-116



26

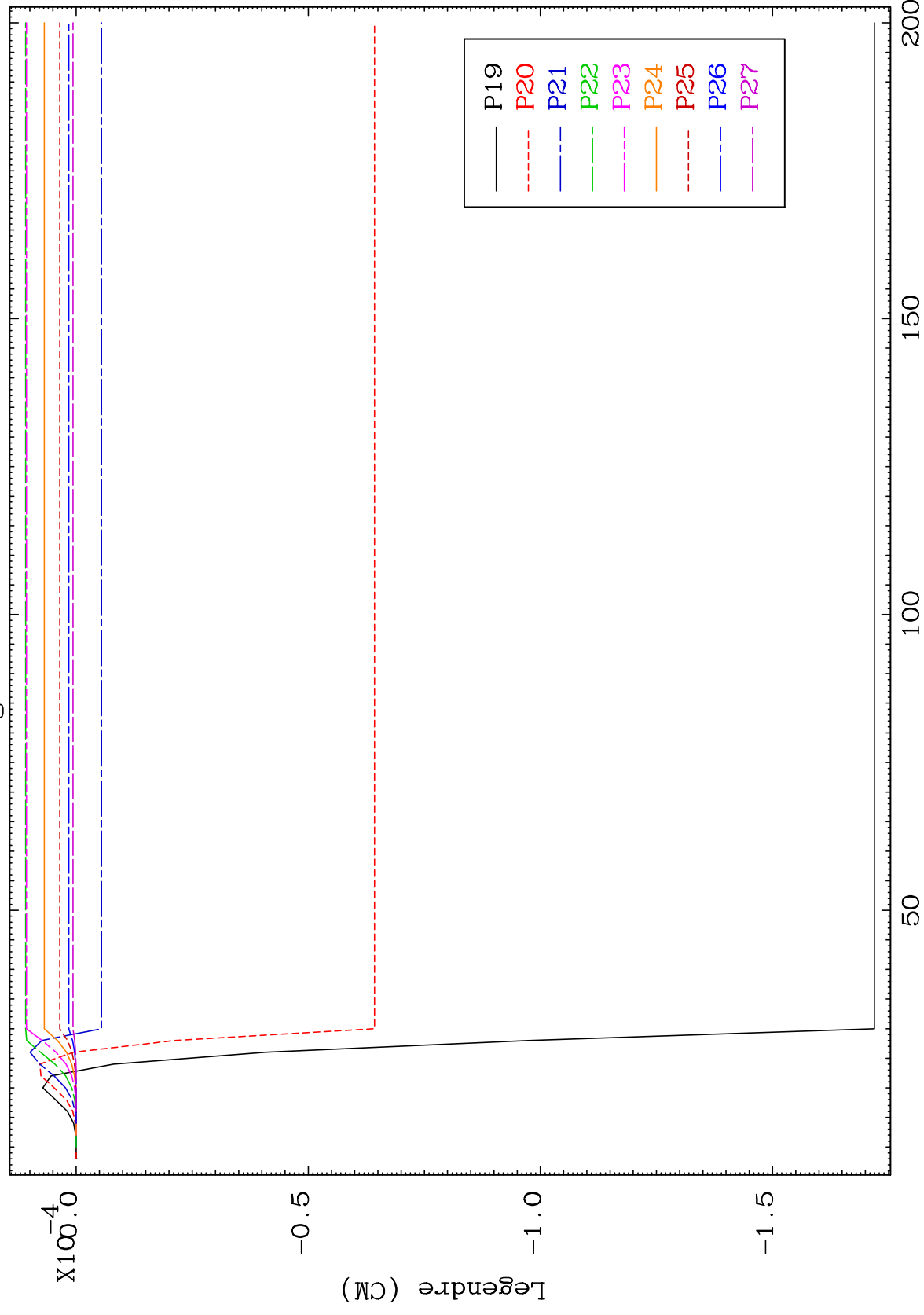
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

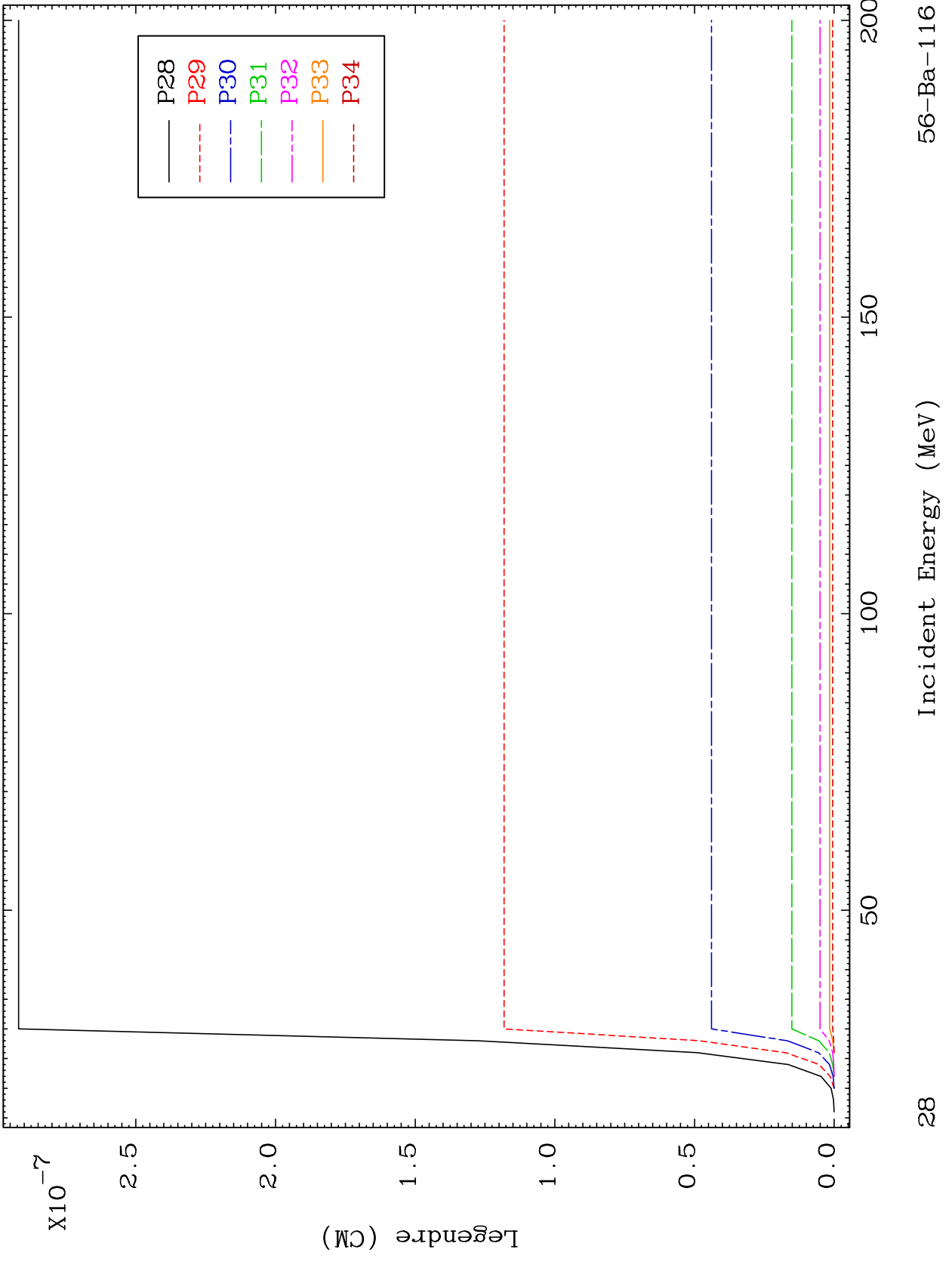
56-Ba-116



MAT 5583

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

56-Ba-116

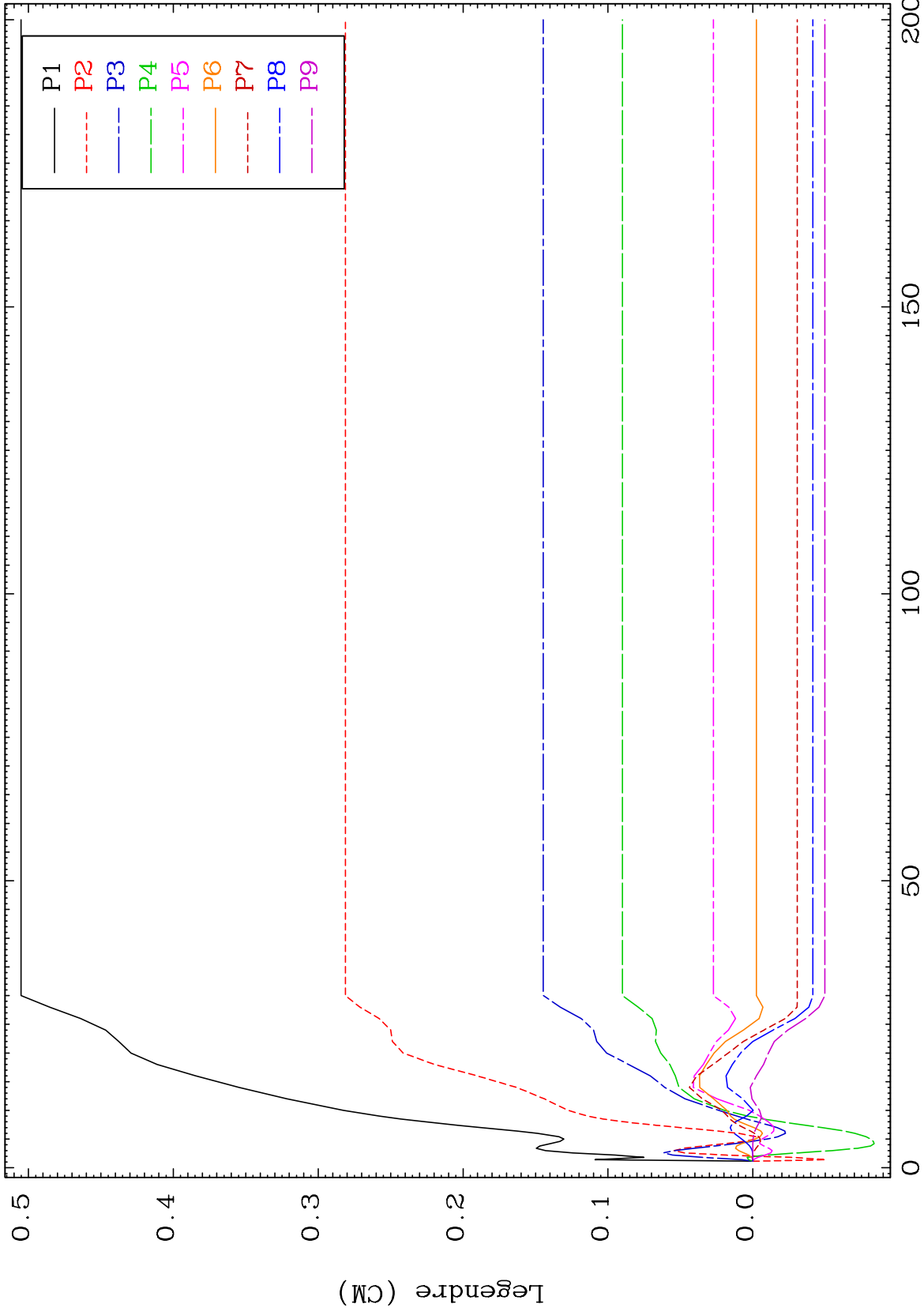


28

MAT 5583

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

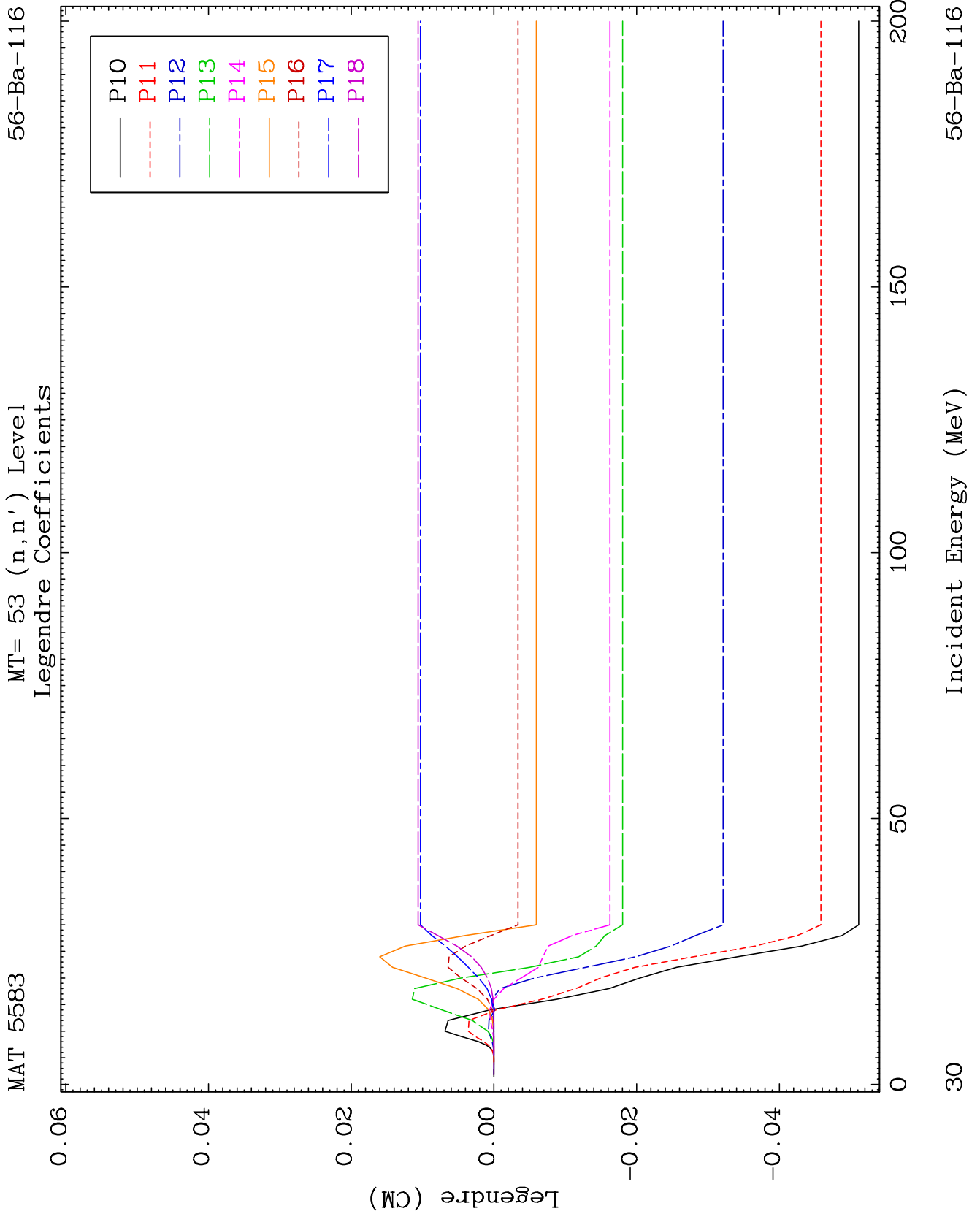
56-Ba-116



56-Ba-116

Incident Energy (MeV)

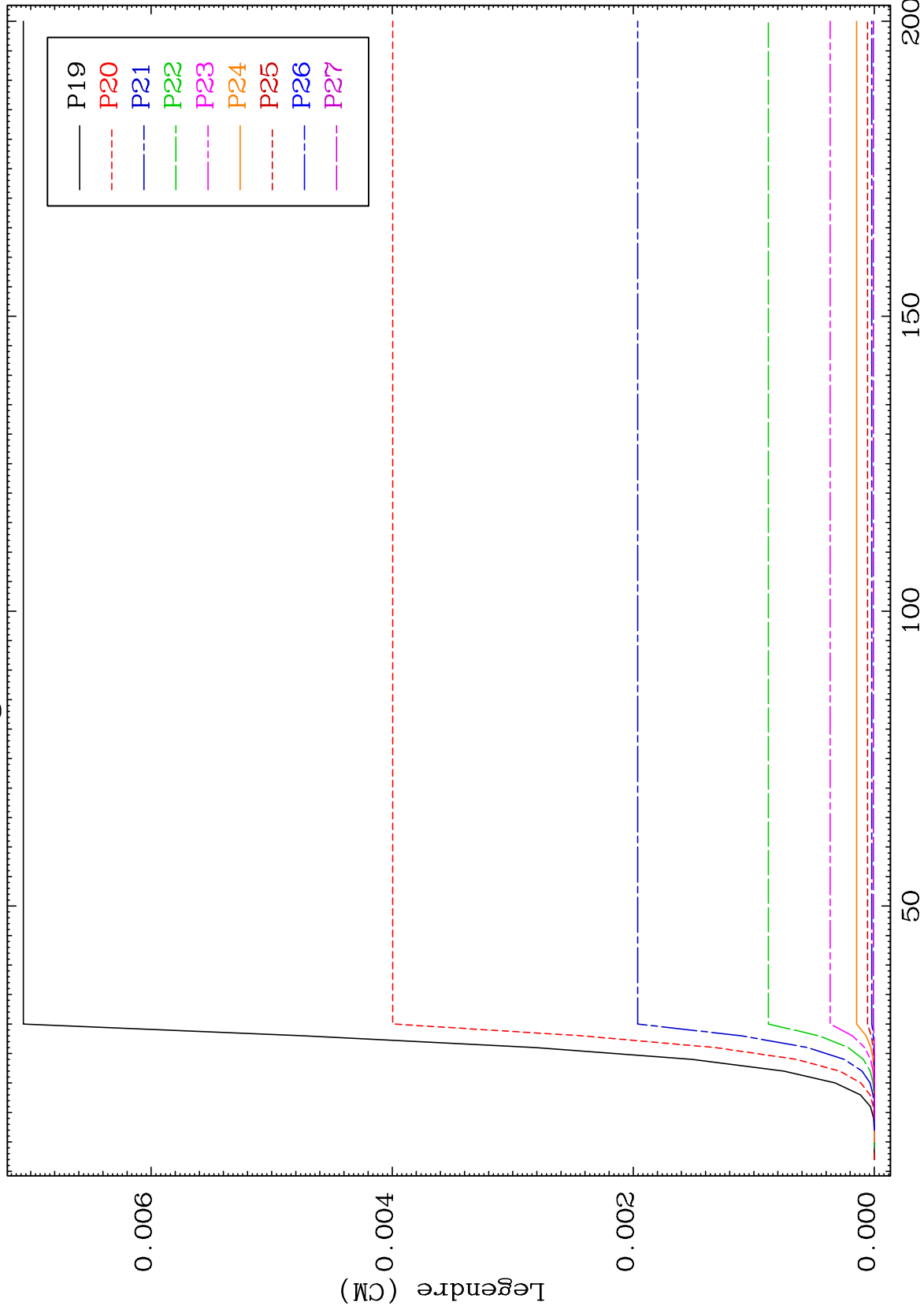
29



MAT 5583

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

56-Ba-116



31

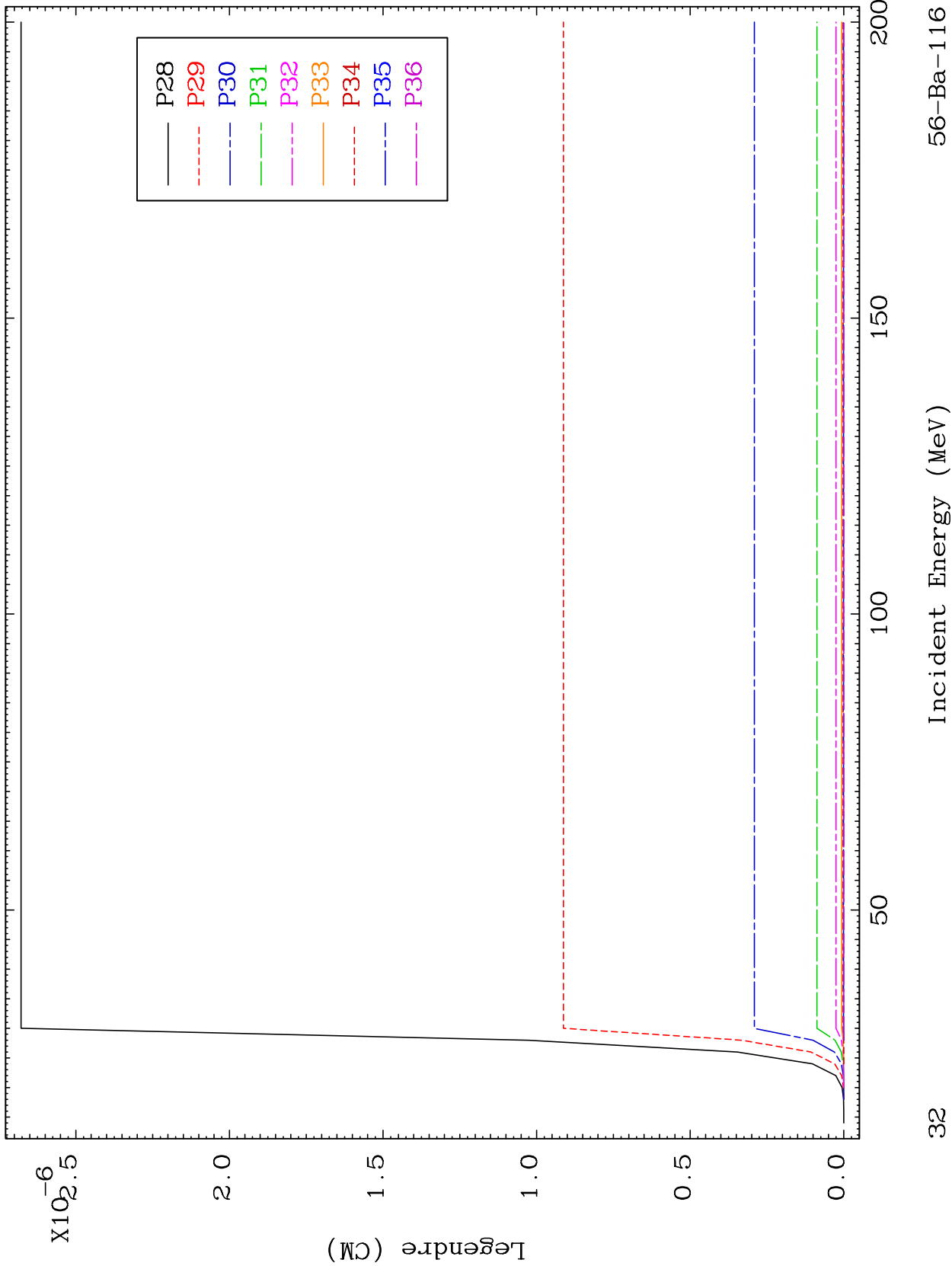
Incident Energy (MeV)

56-Ba-116

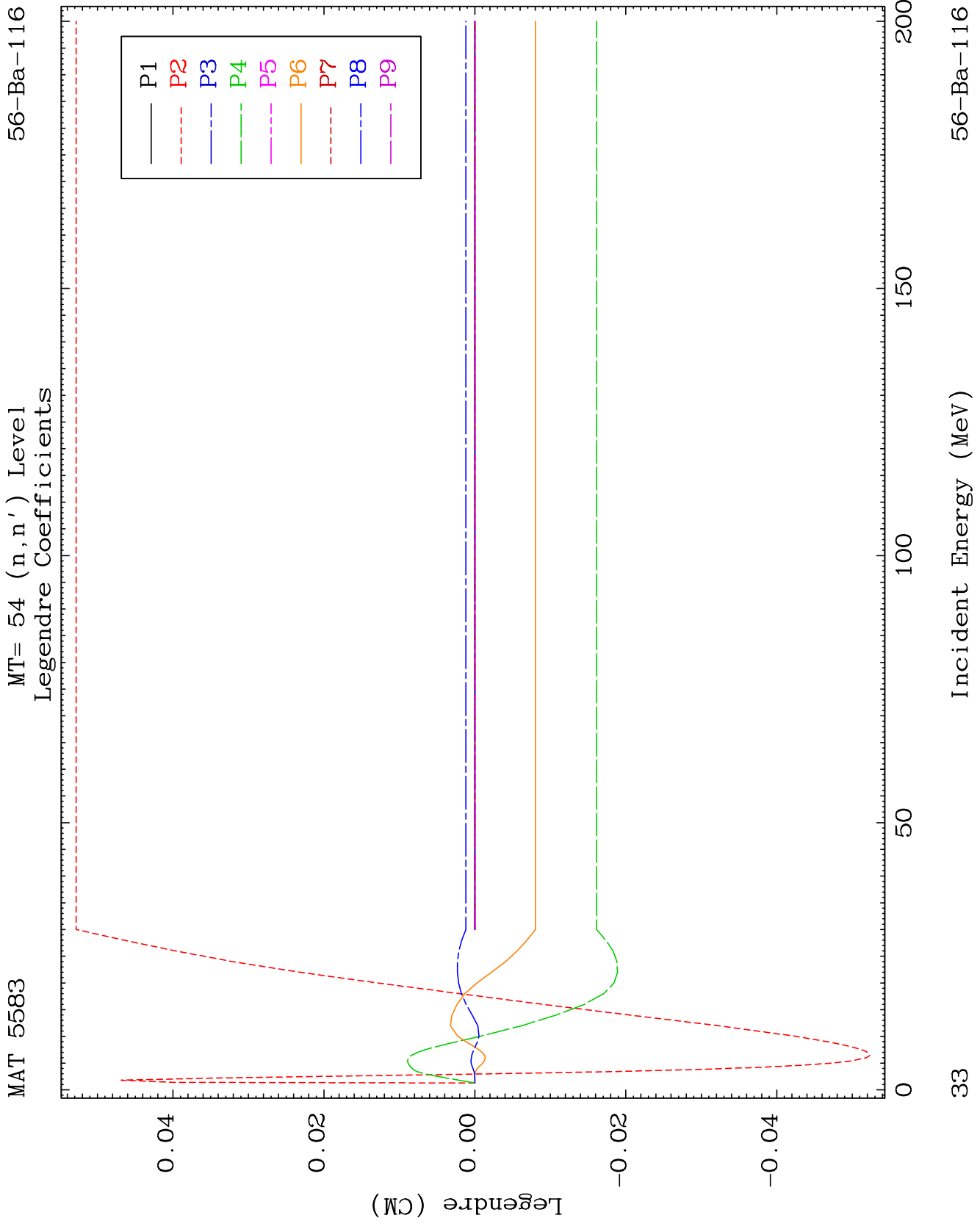
MAT 5583

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

56-Ba-116



32



56-Ba-116

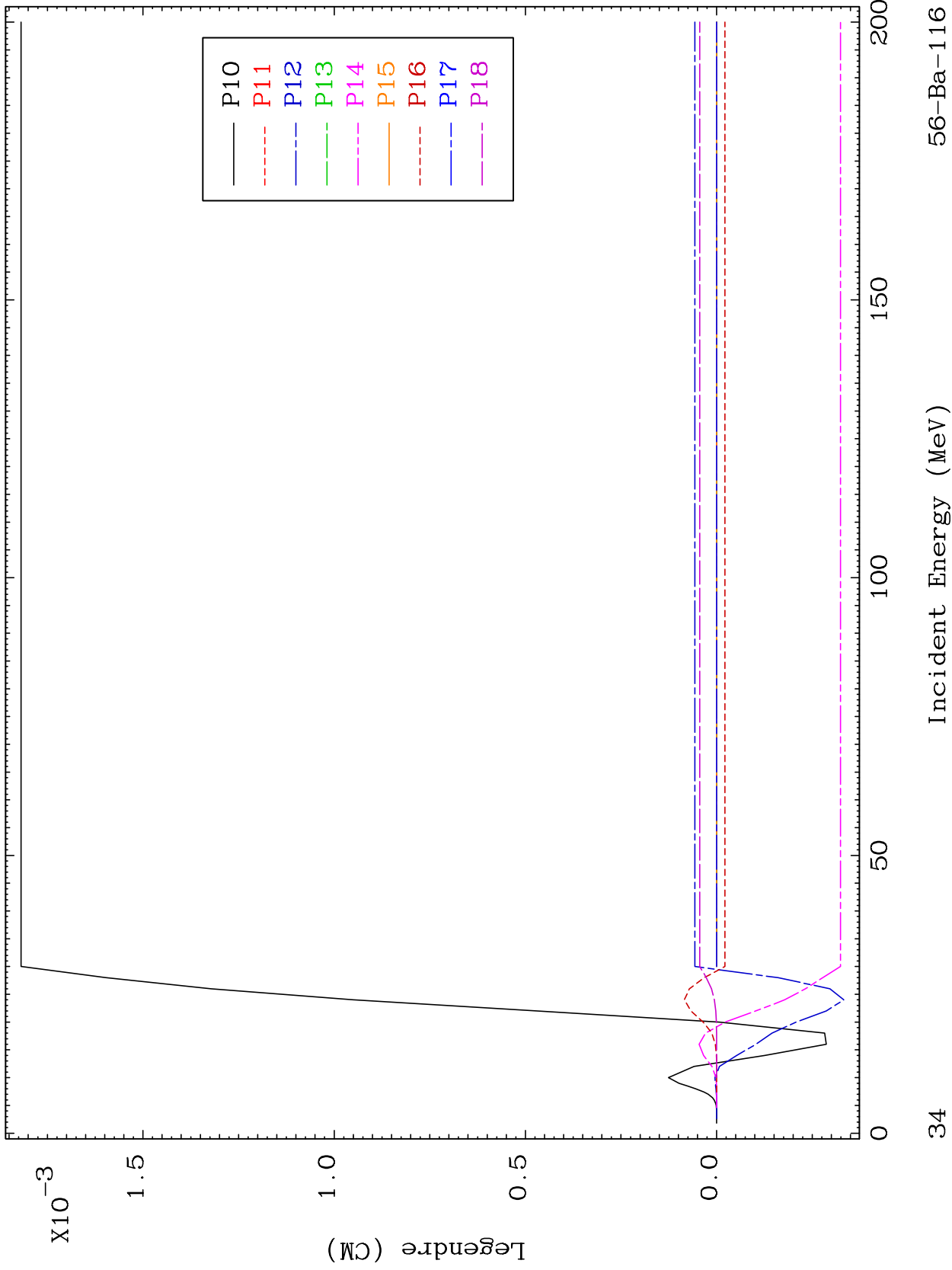
Incident Energy (MeV)

33

MAT 5583

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

56-Ba-116



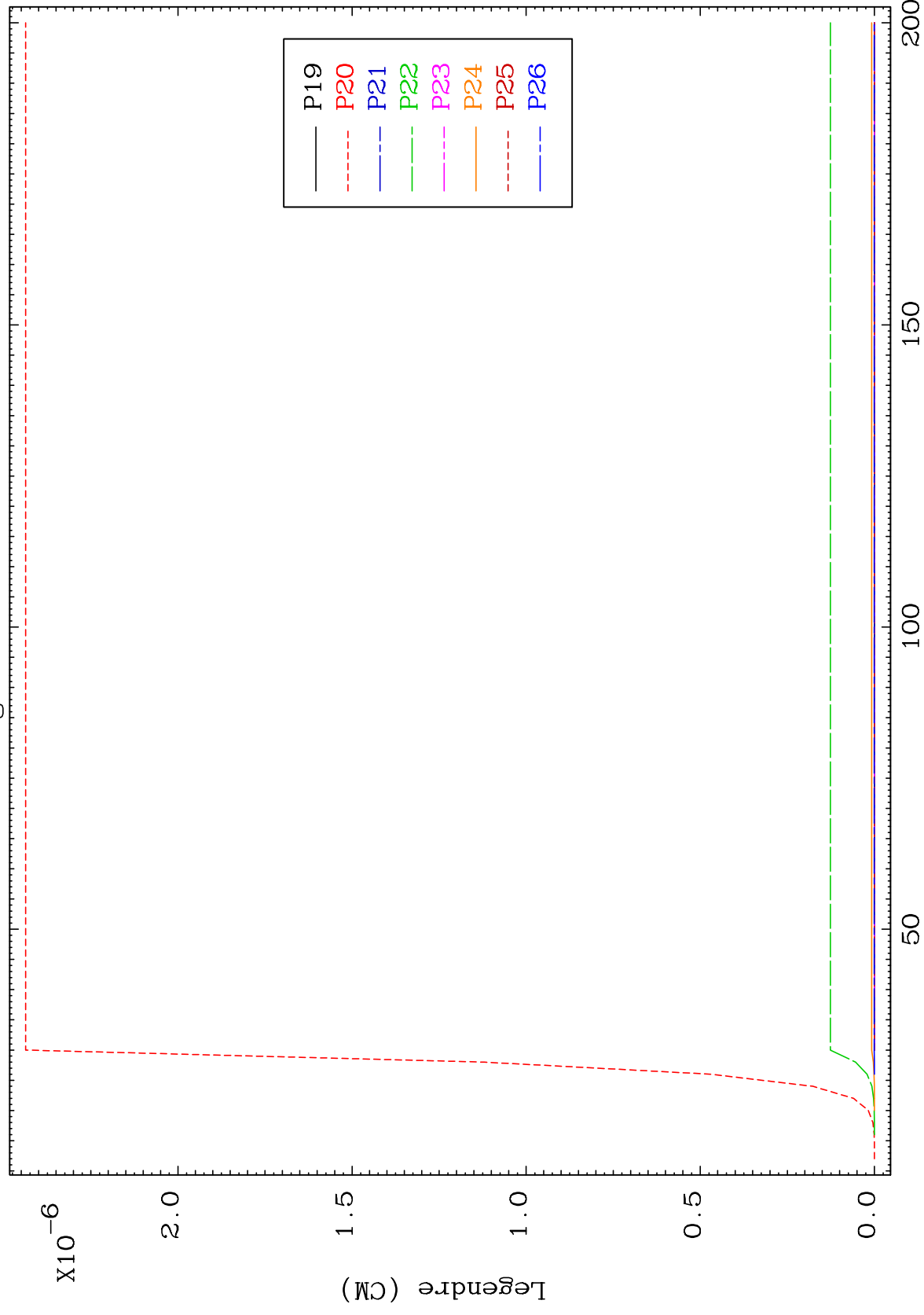
34

56-Ba-116

MAT 5583

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

56-Ba-116



35

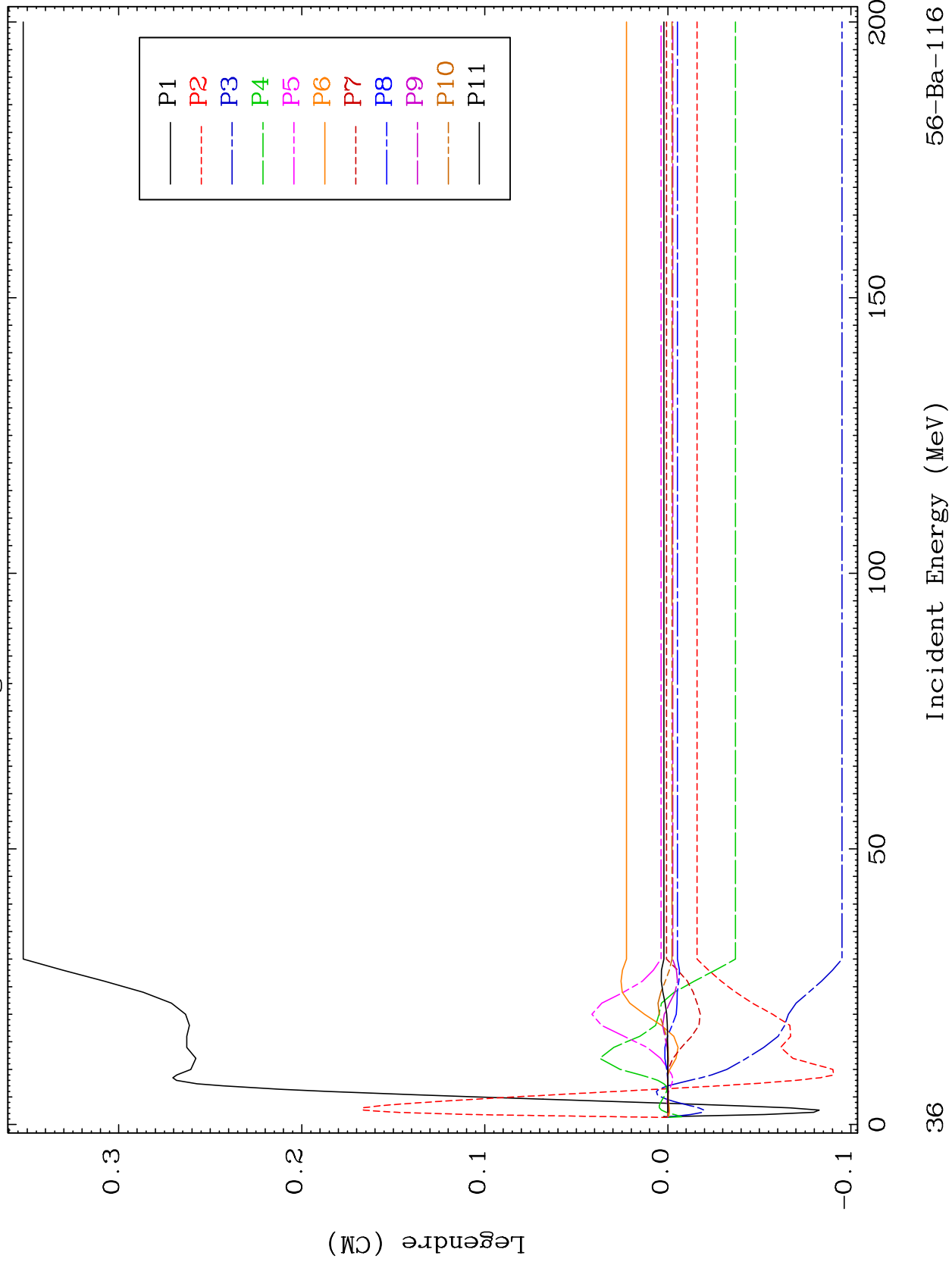
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



56-Ba-116

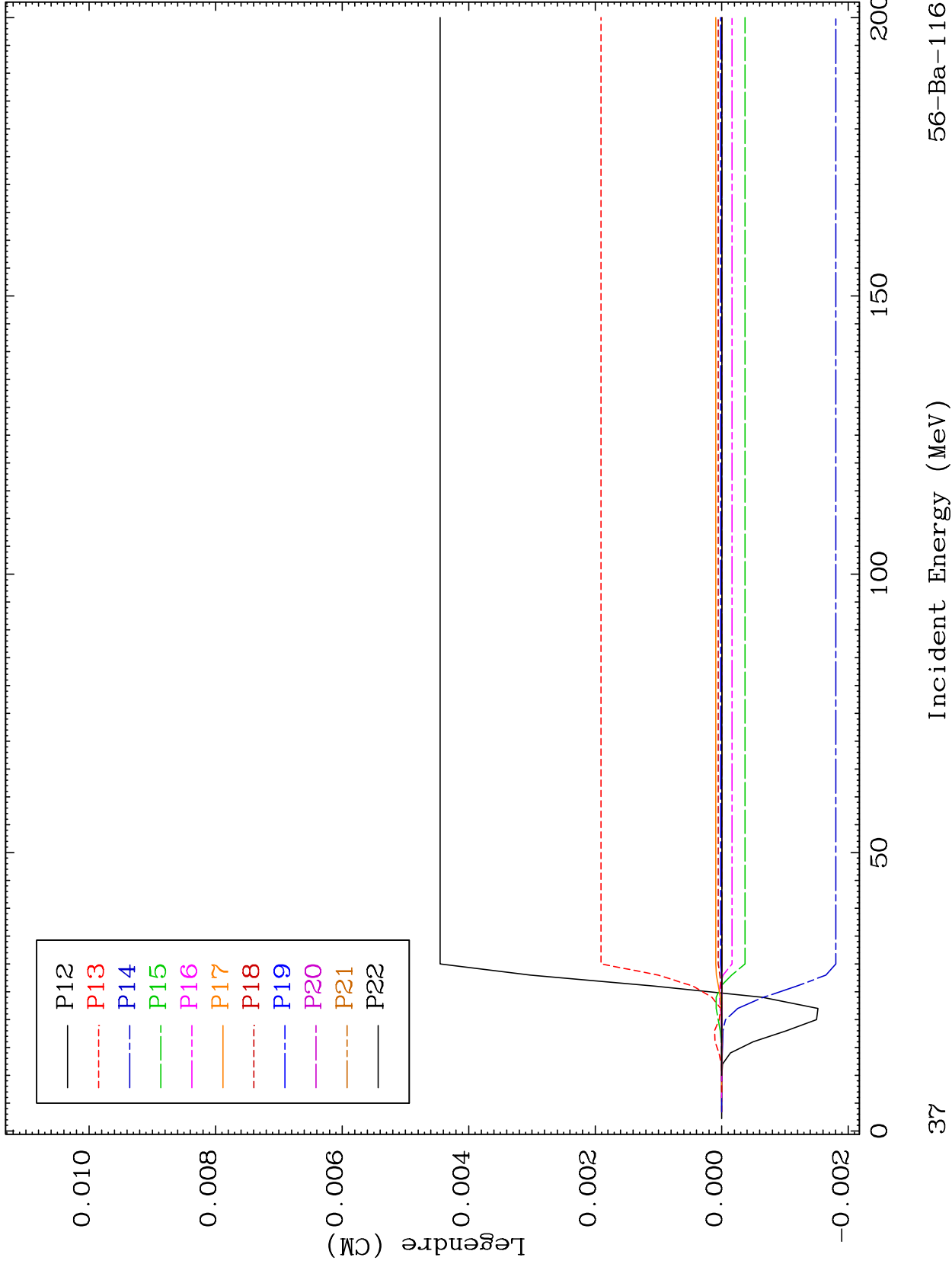
Incident Energy (MeV)

36

MAT 5583

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

56-Ba-116



37

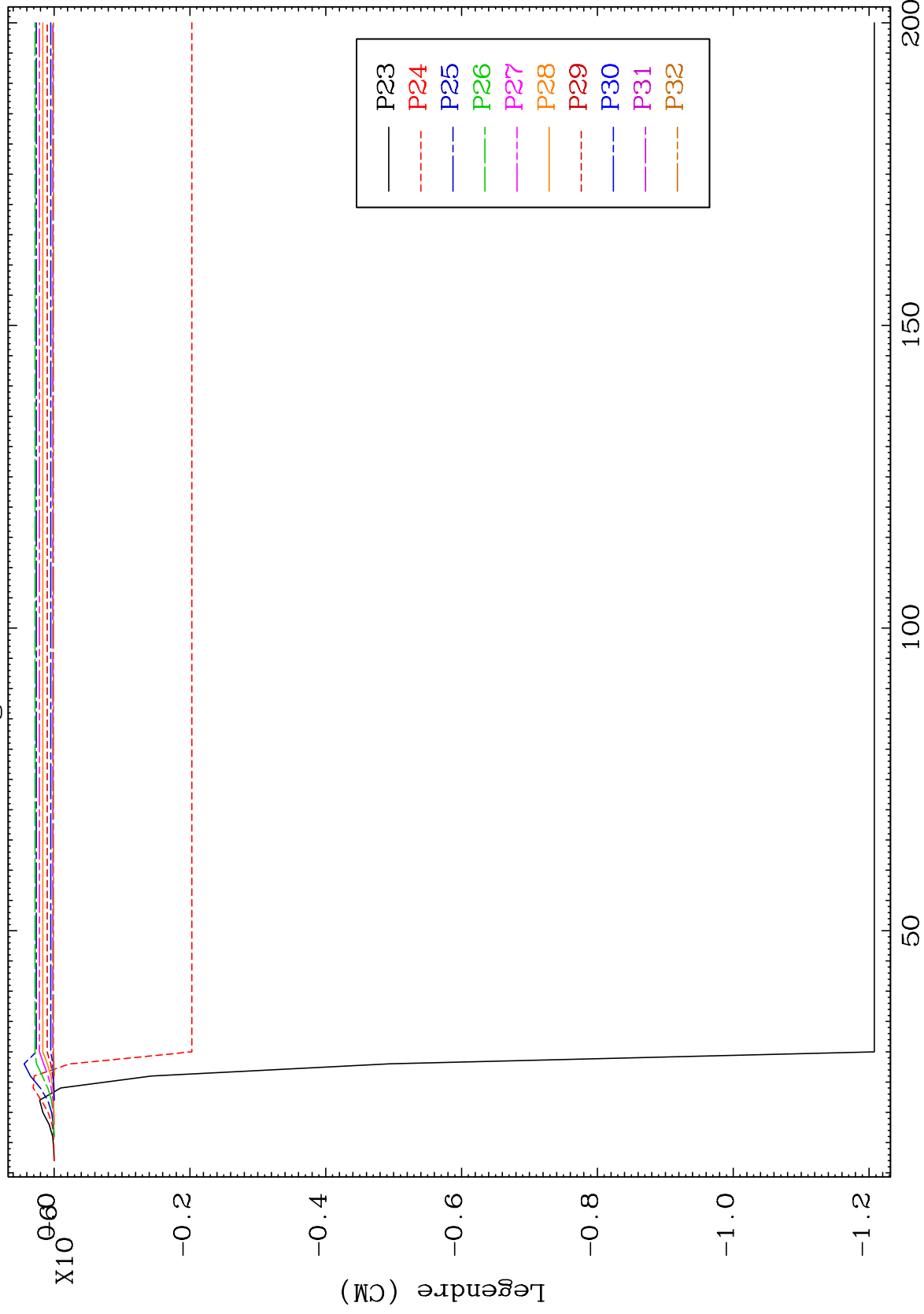
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



38

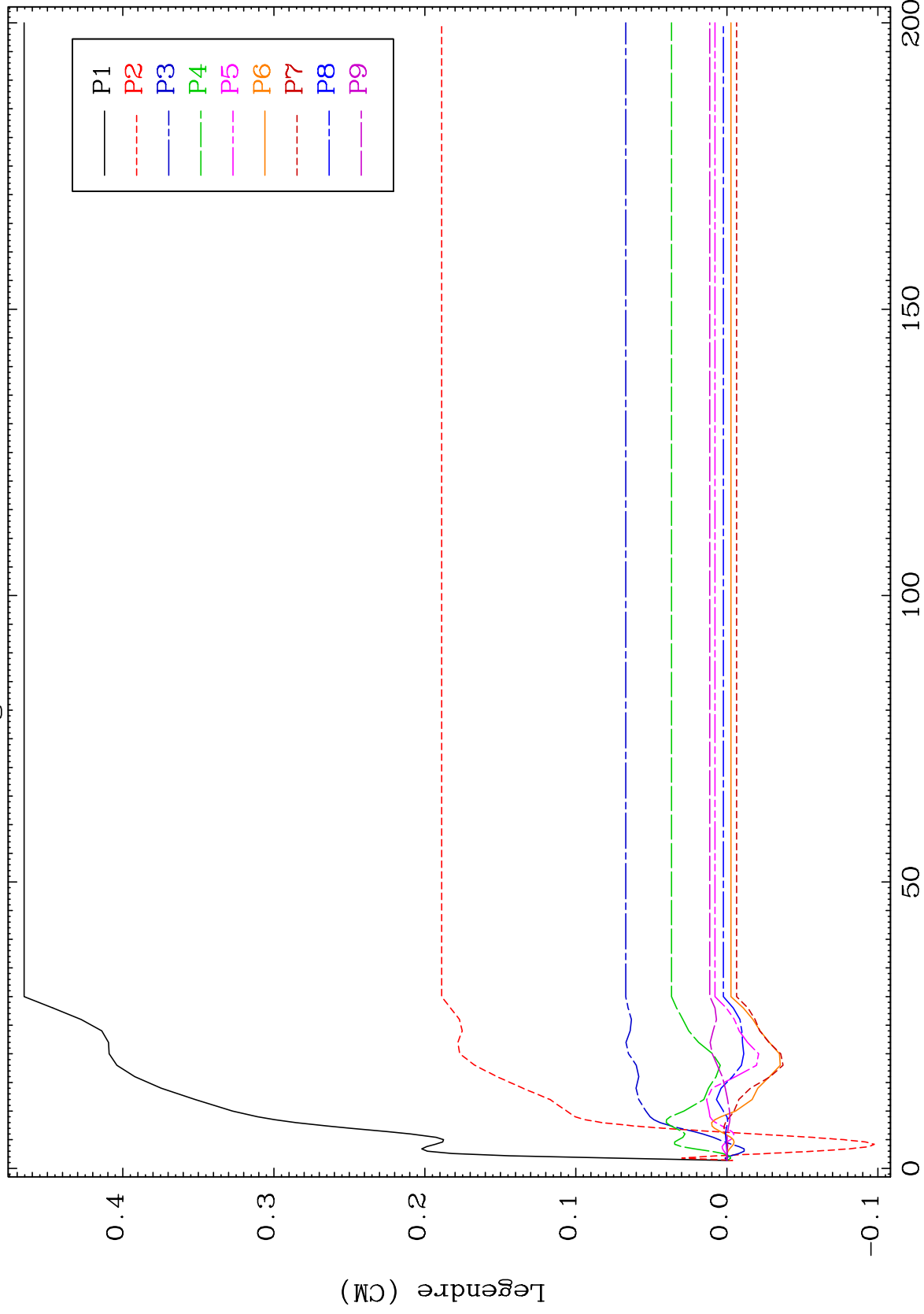
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



39

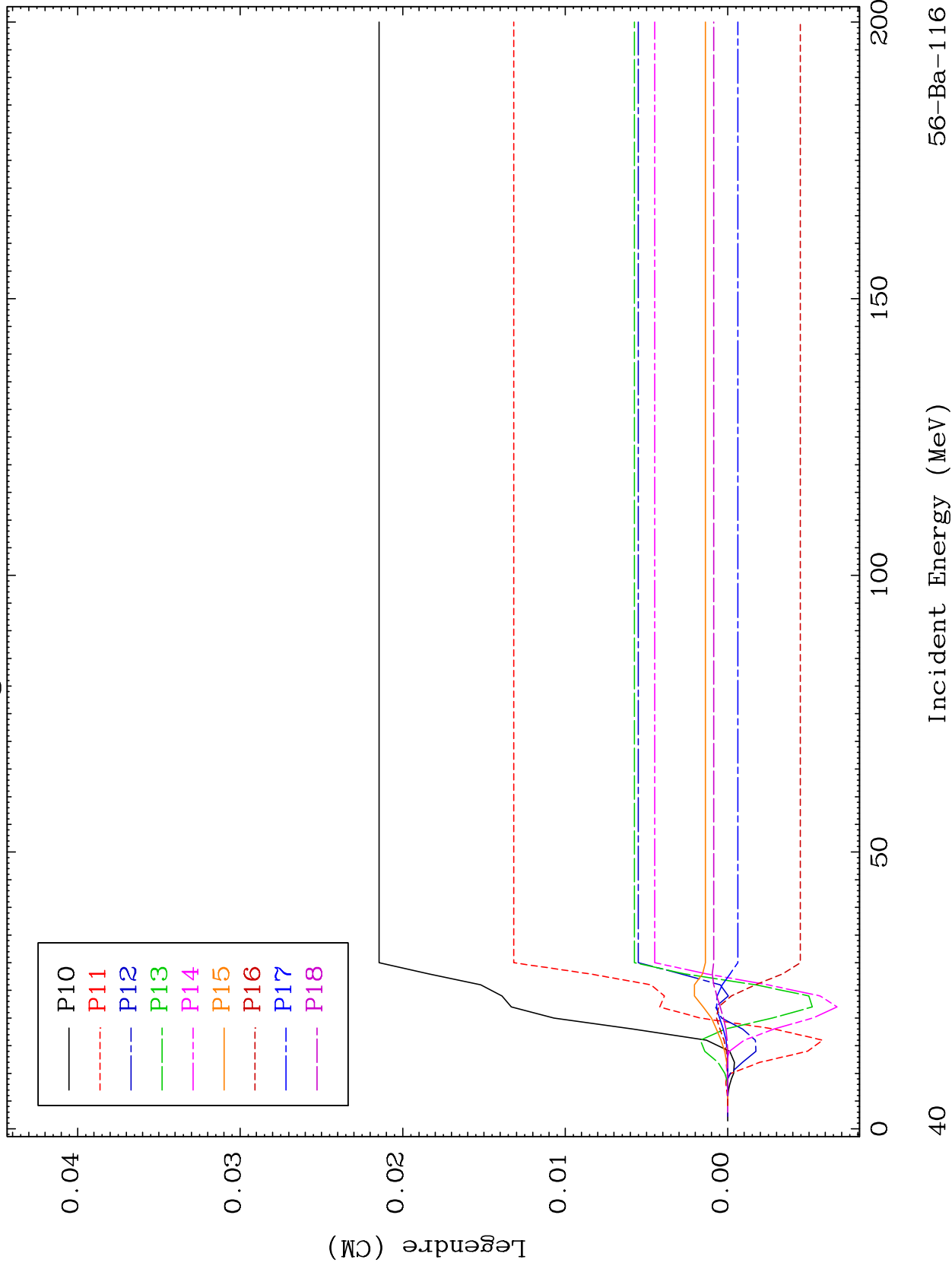
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



56-Ba-116

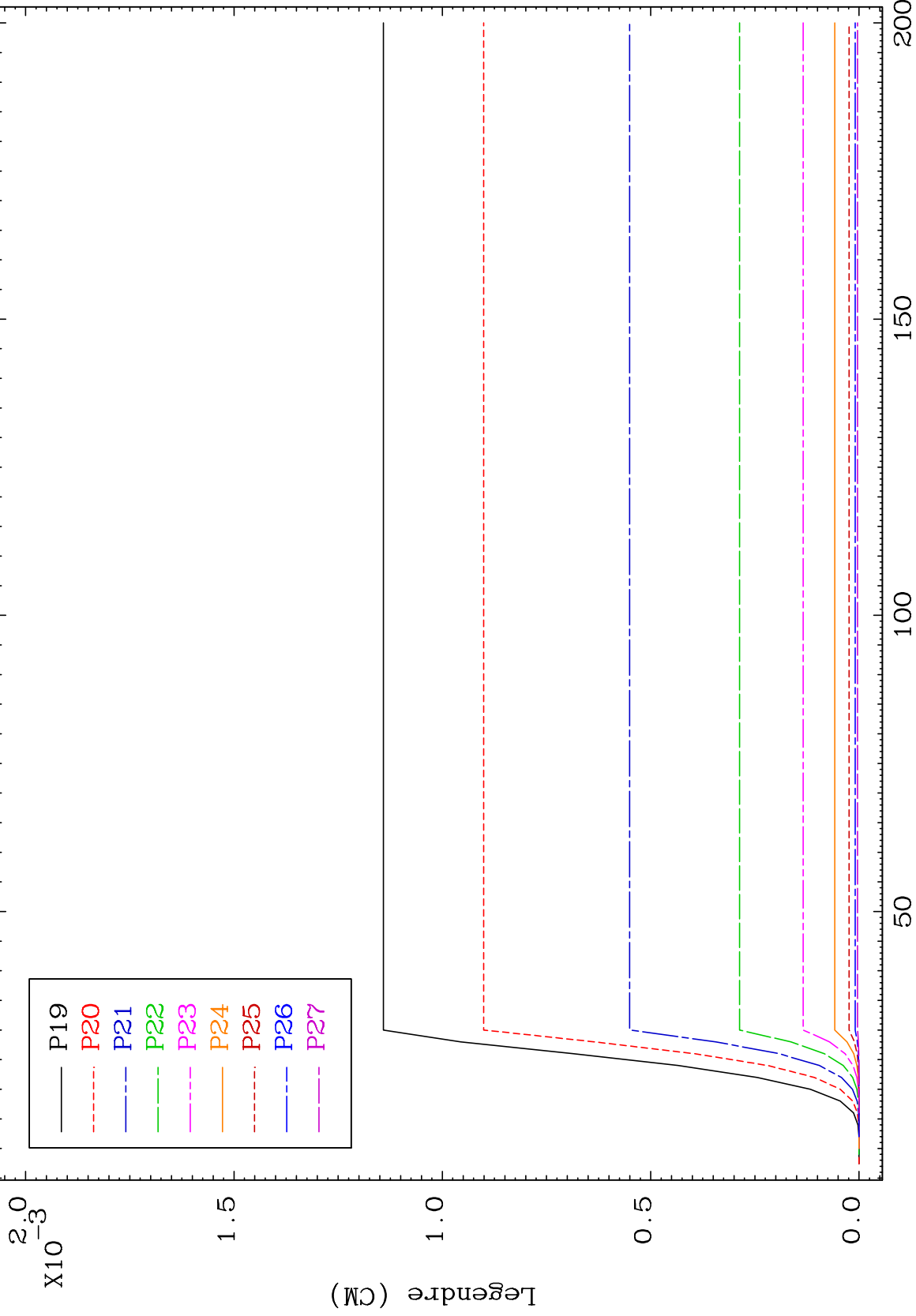
Incident Energy (MeV)

40

MAT 5583

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

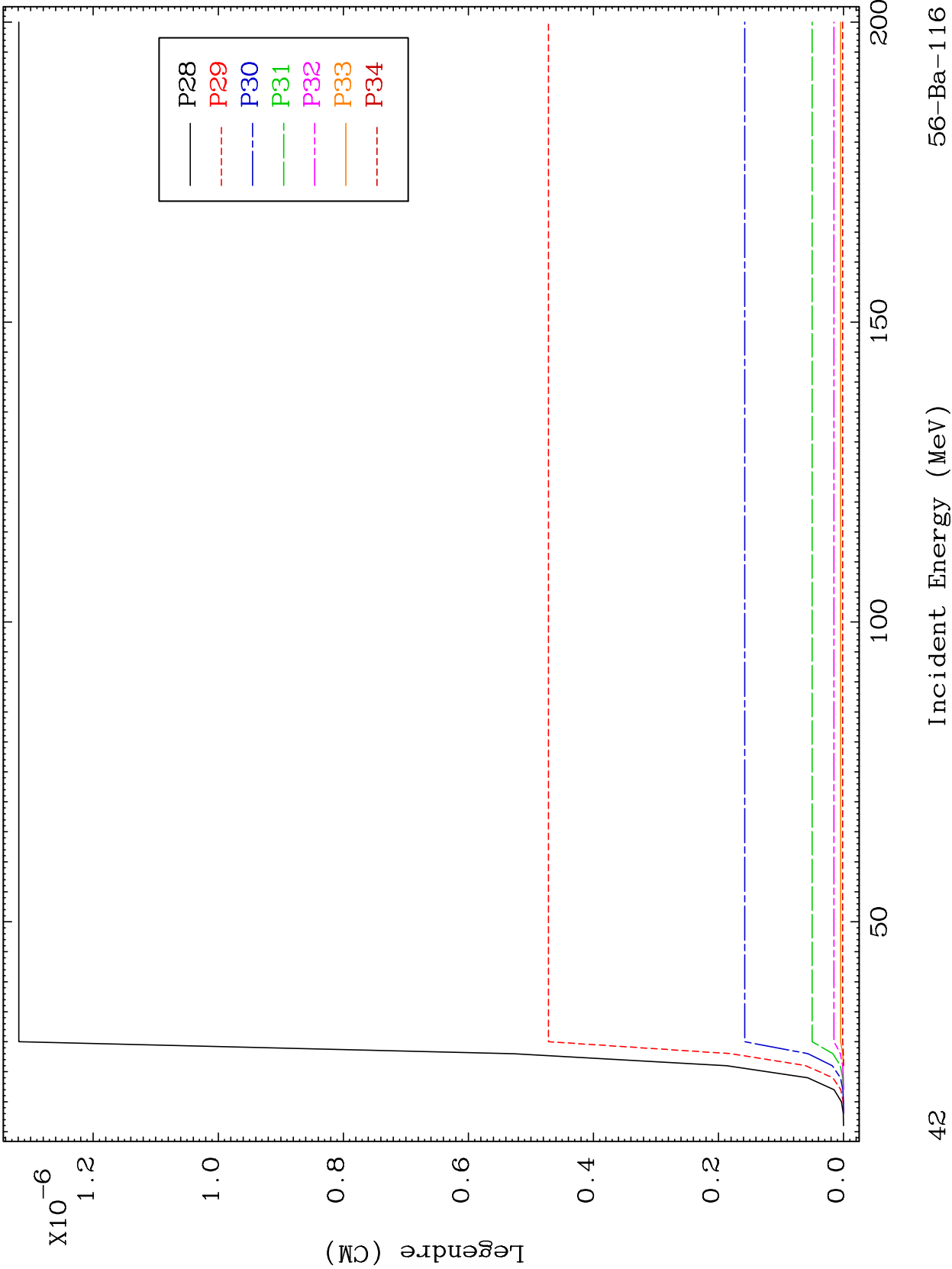
56-Ba-116



MAT 5583

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

56-Ba-116



42

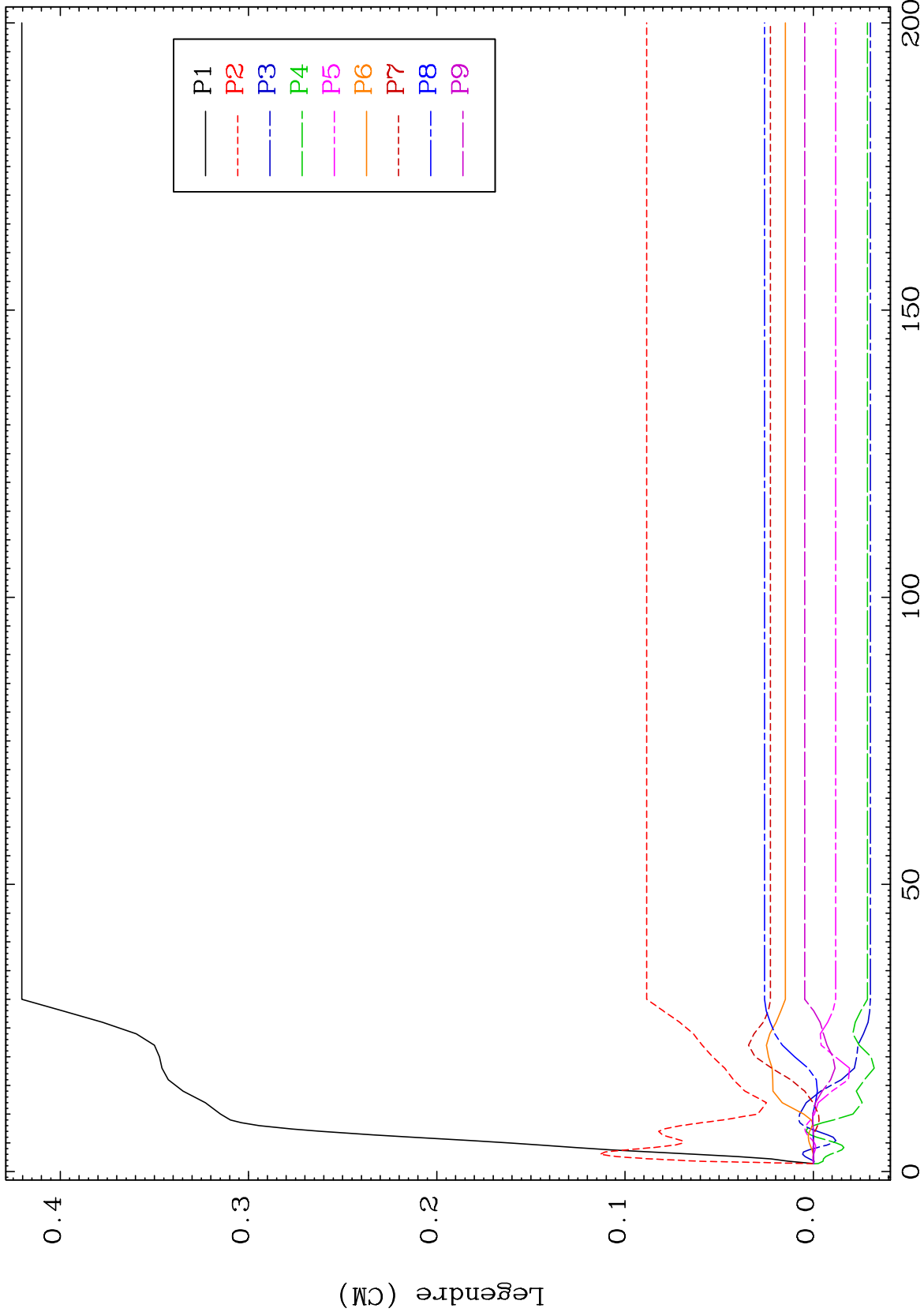
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



43

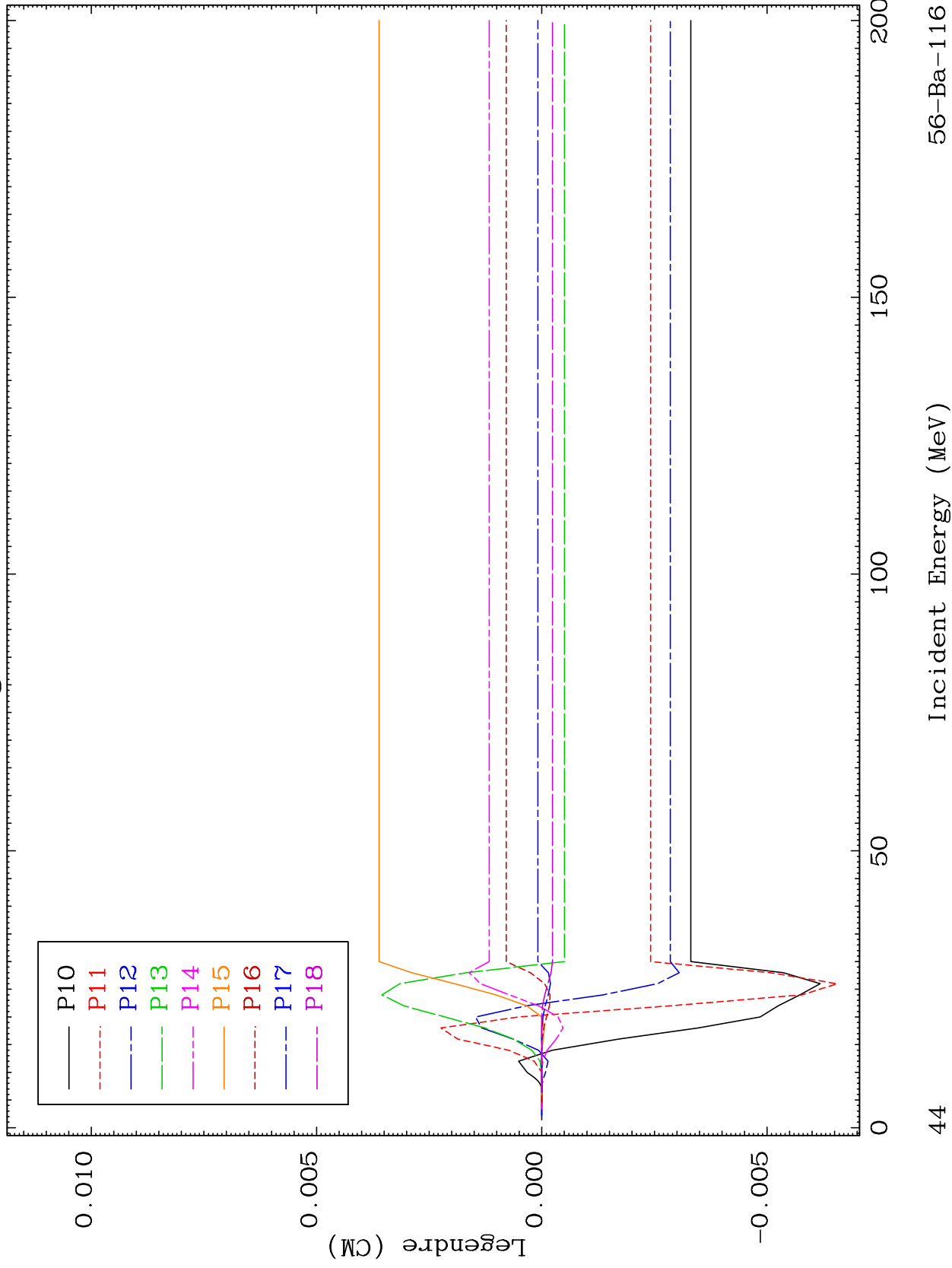
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



44

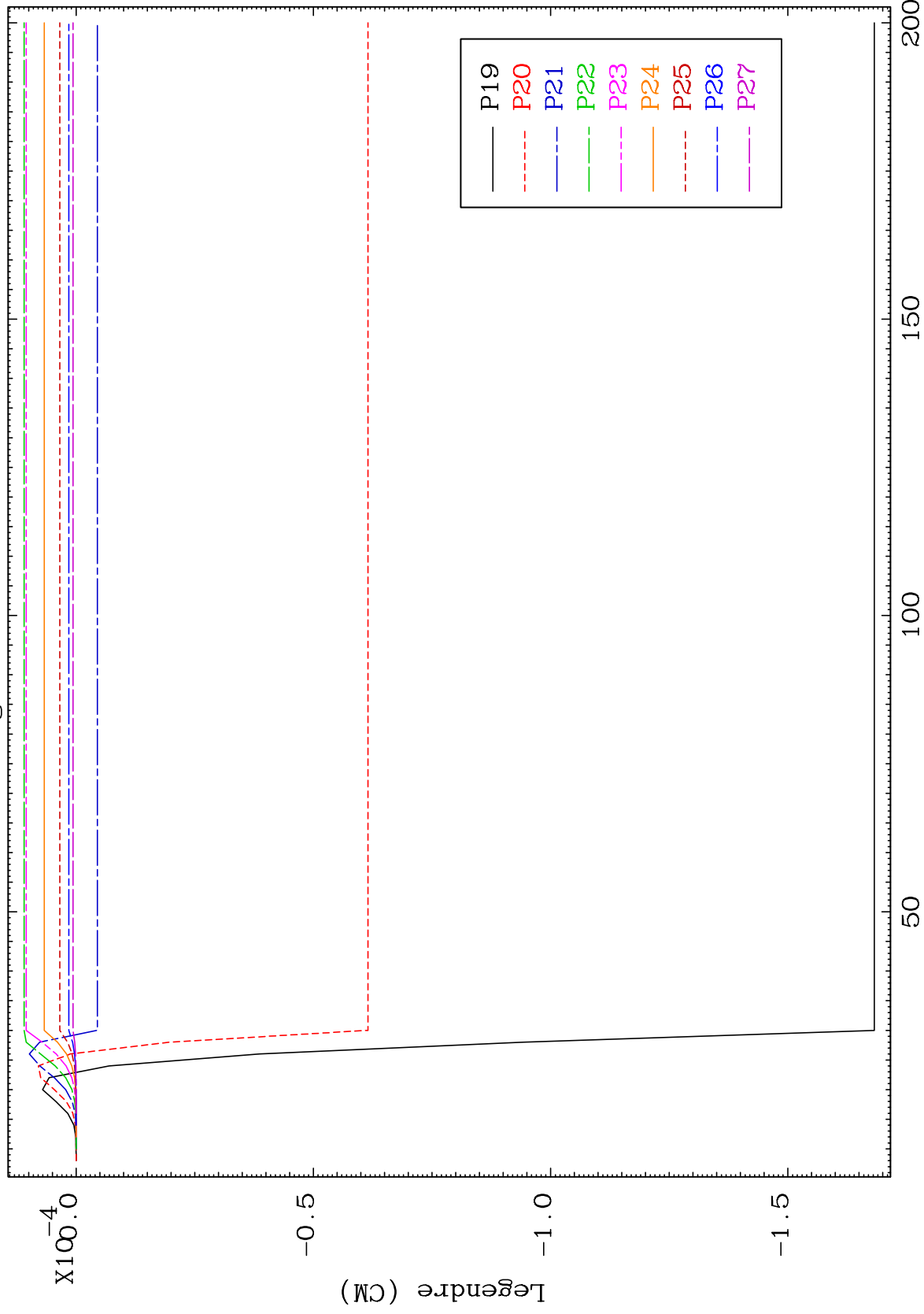
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



45

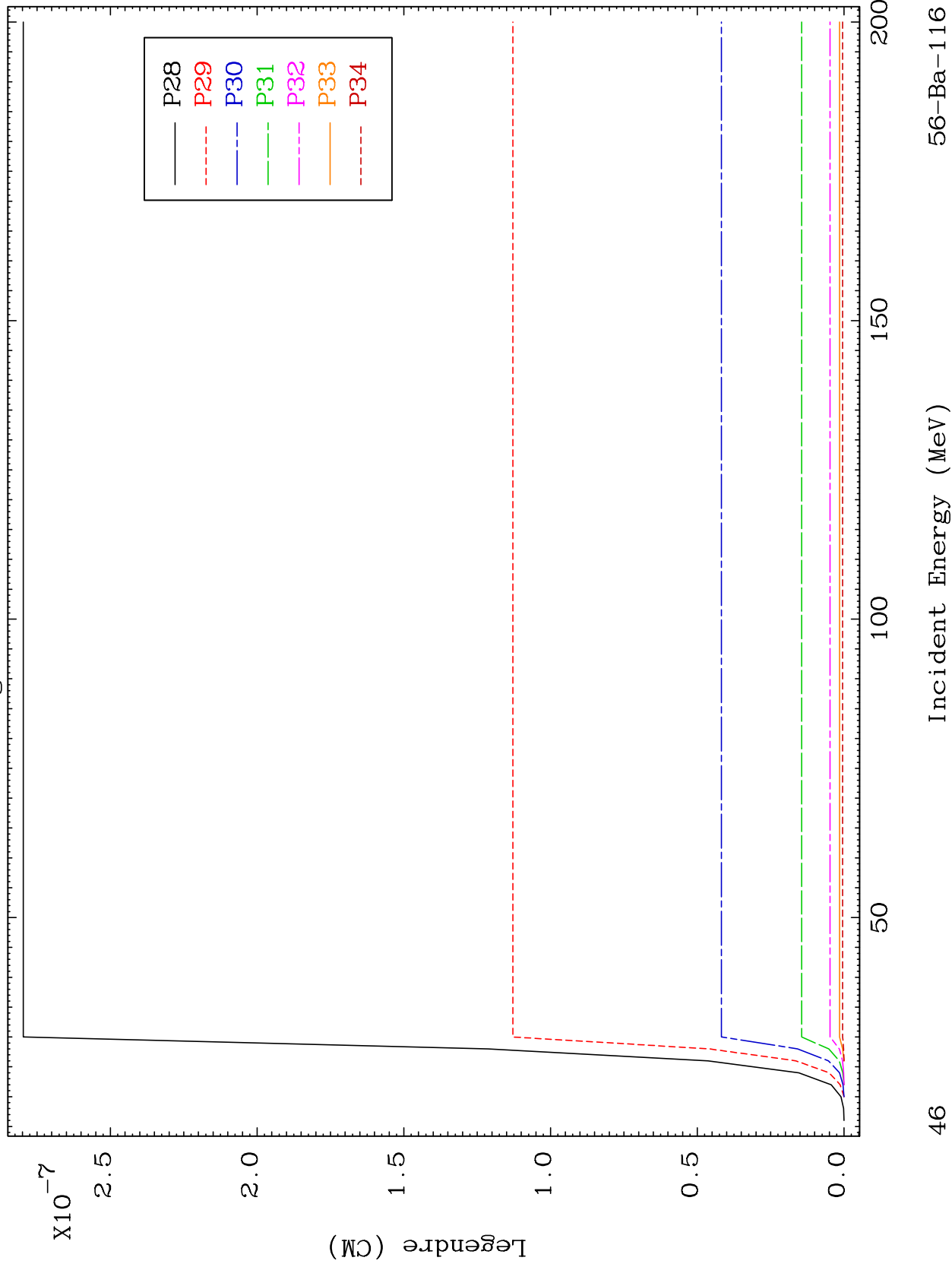
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



46

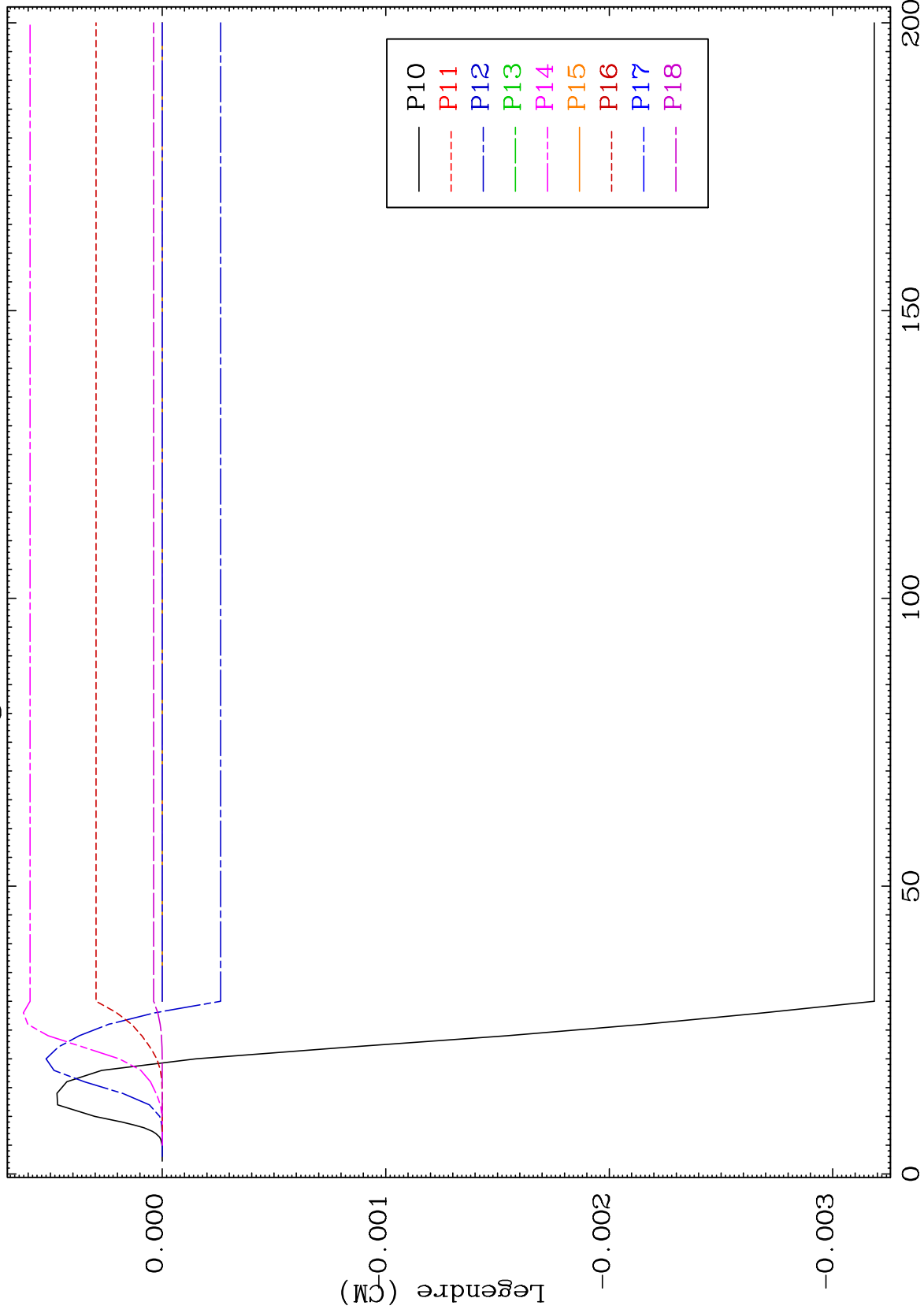
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

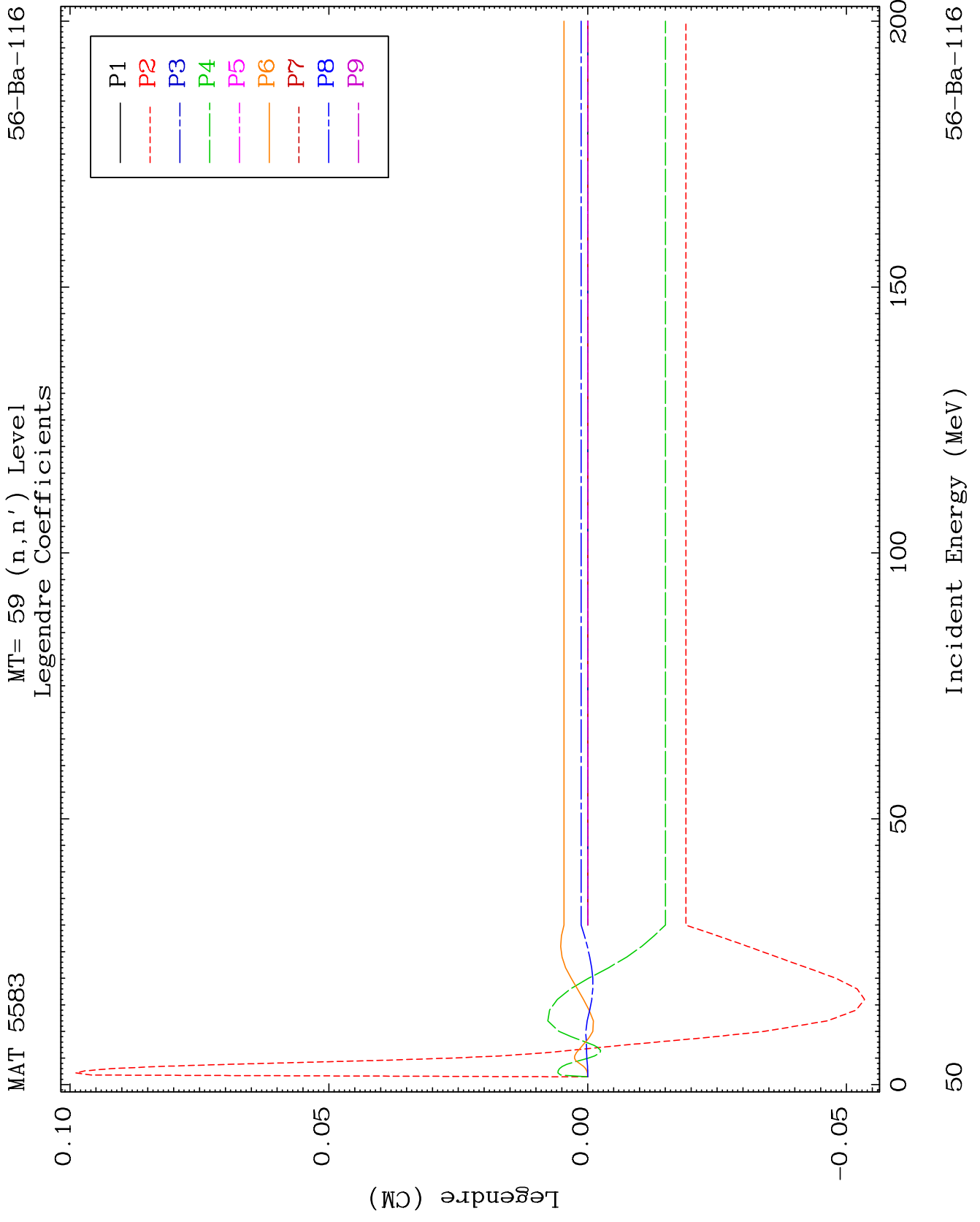
56-Ba-116



48

Incident Energy (MeV)

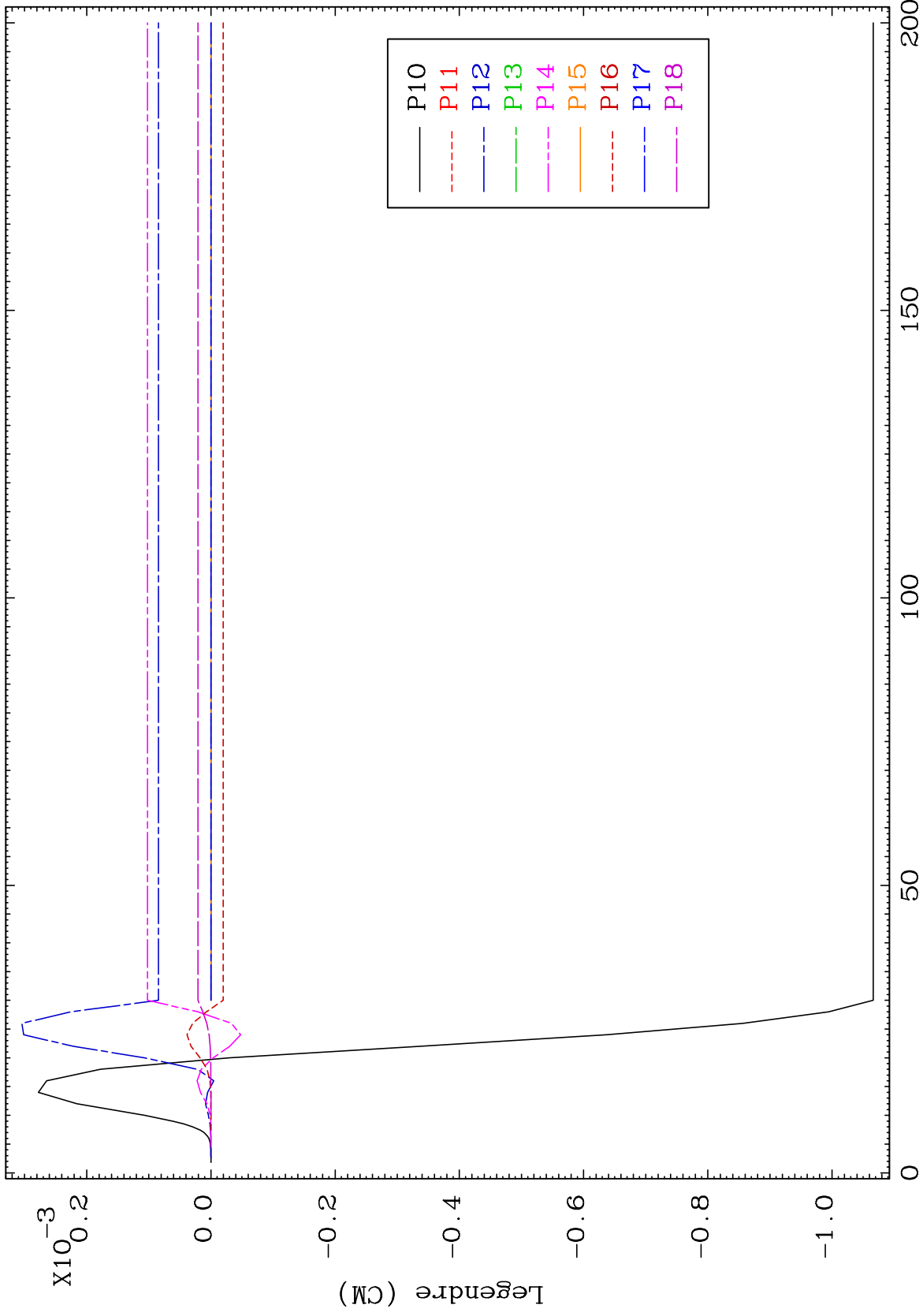
56-Ba-116



MAT 5583

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

56-Ba-116



51

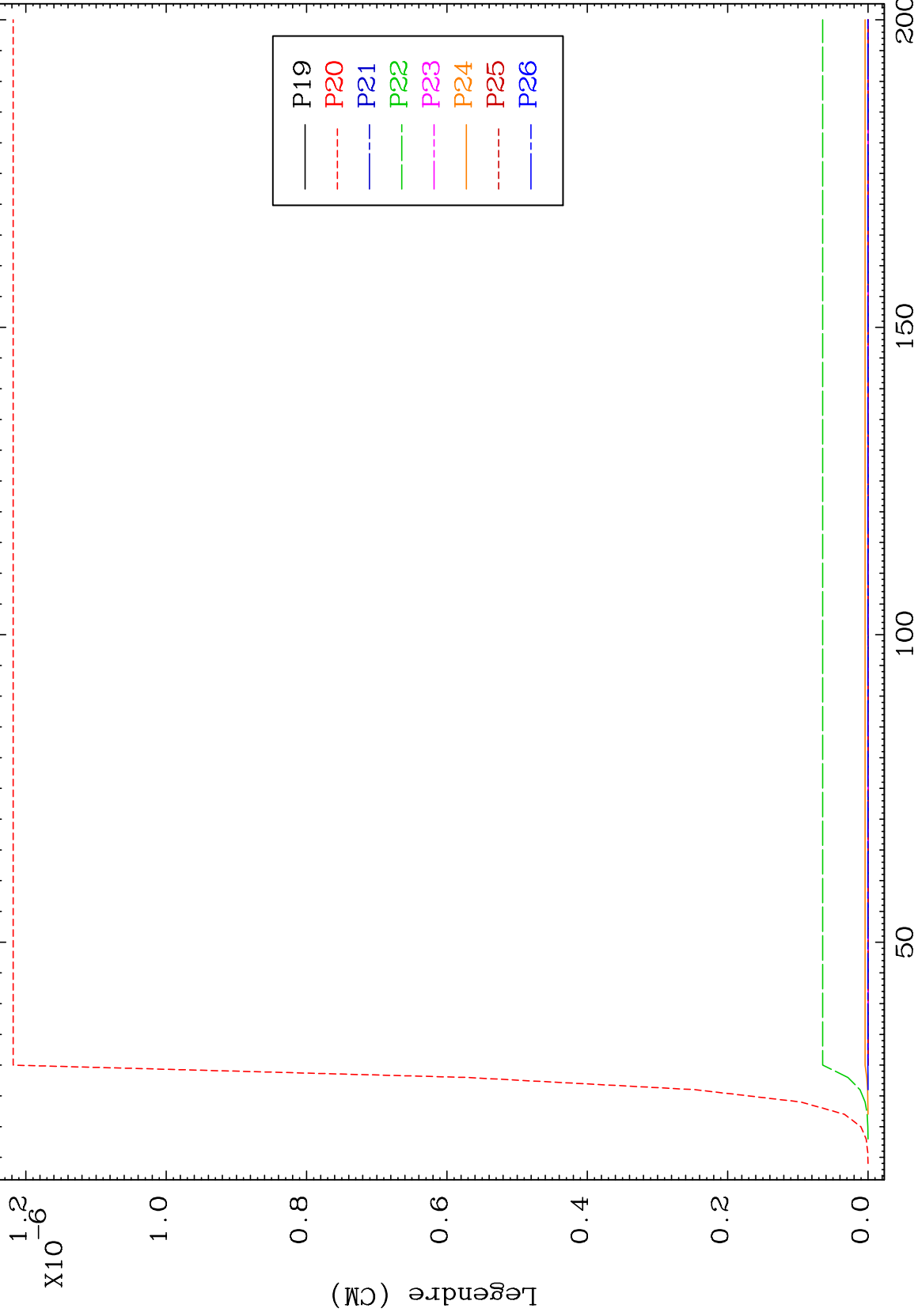
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



52

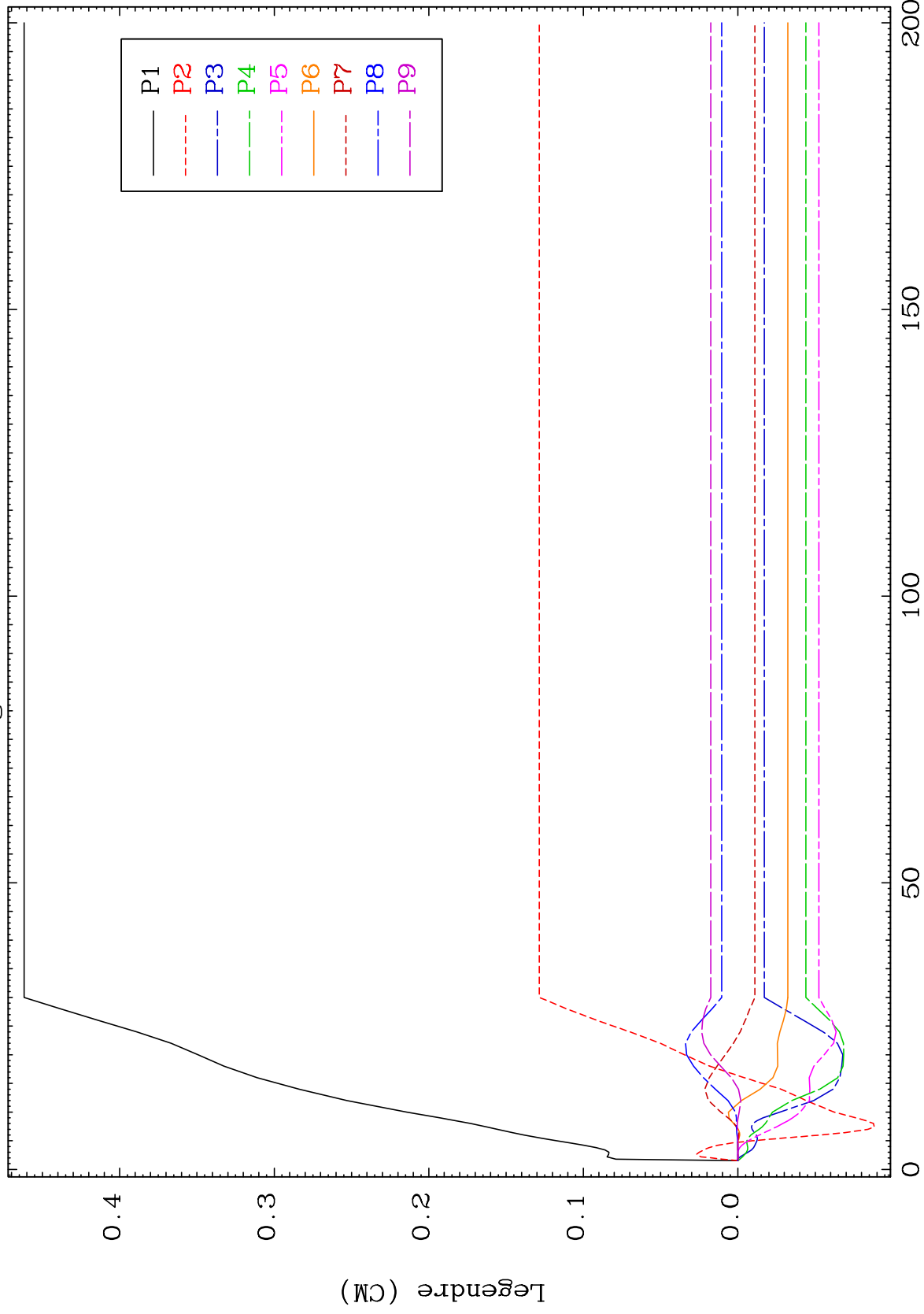
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

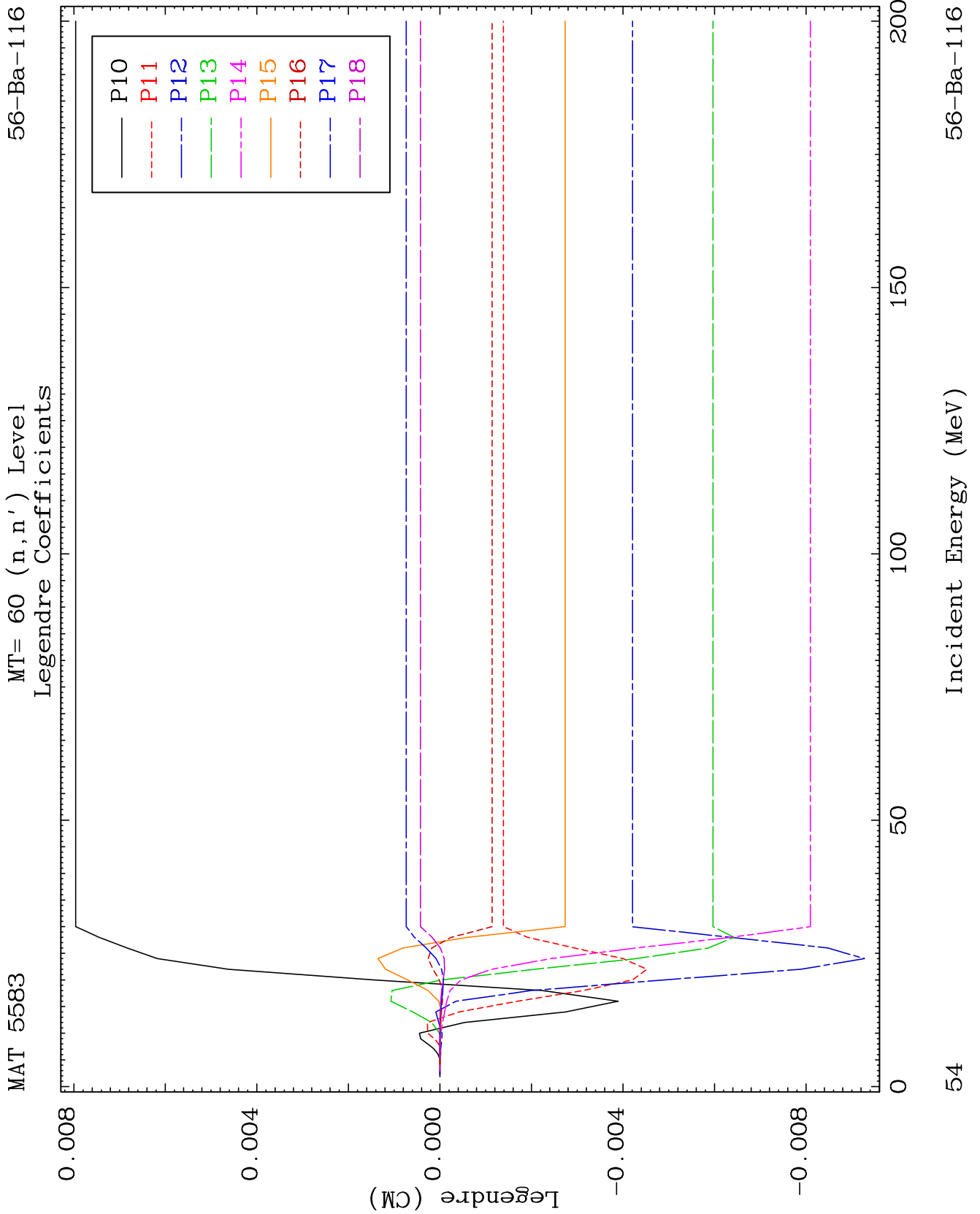
56-Ba-116



56-Ba-116

Incident Energy (MeV)

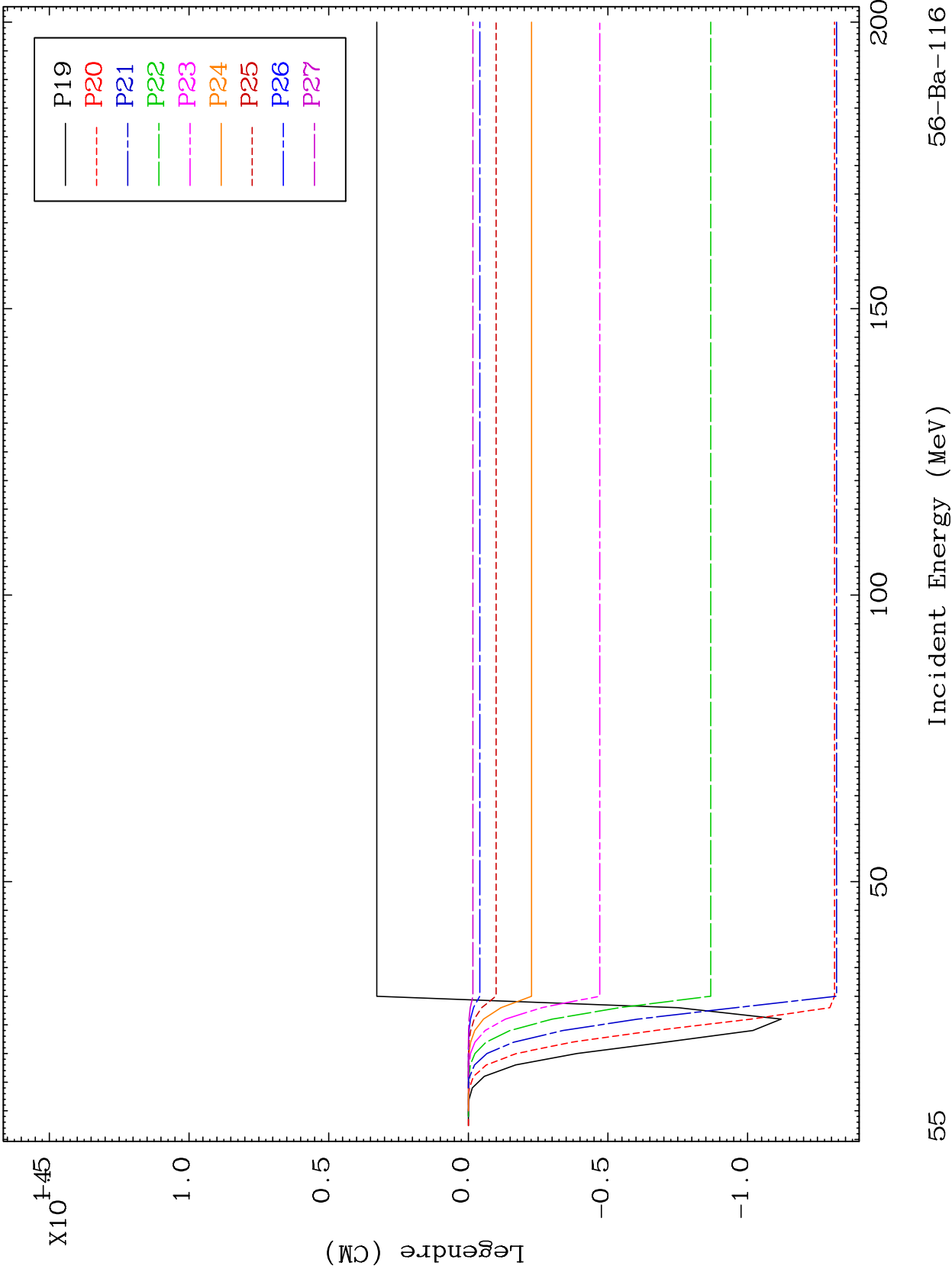
53



MAT 5583

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

56-Ba-116



55

Incident Energy (MeV)

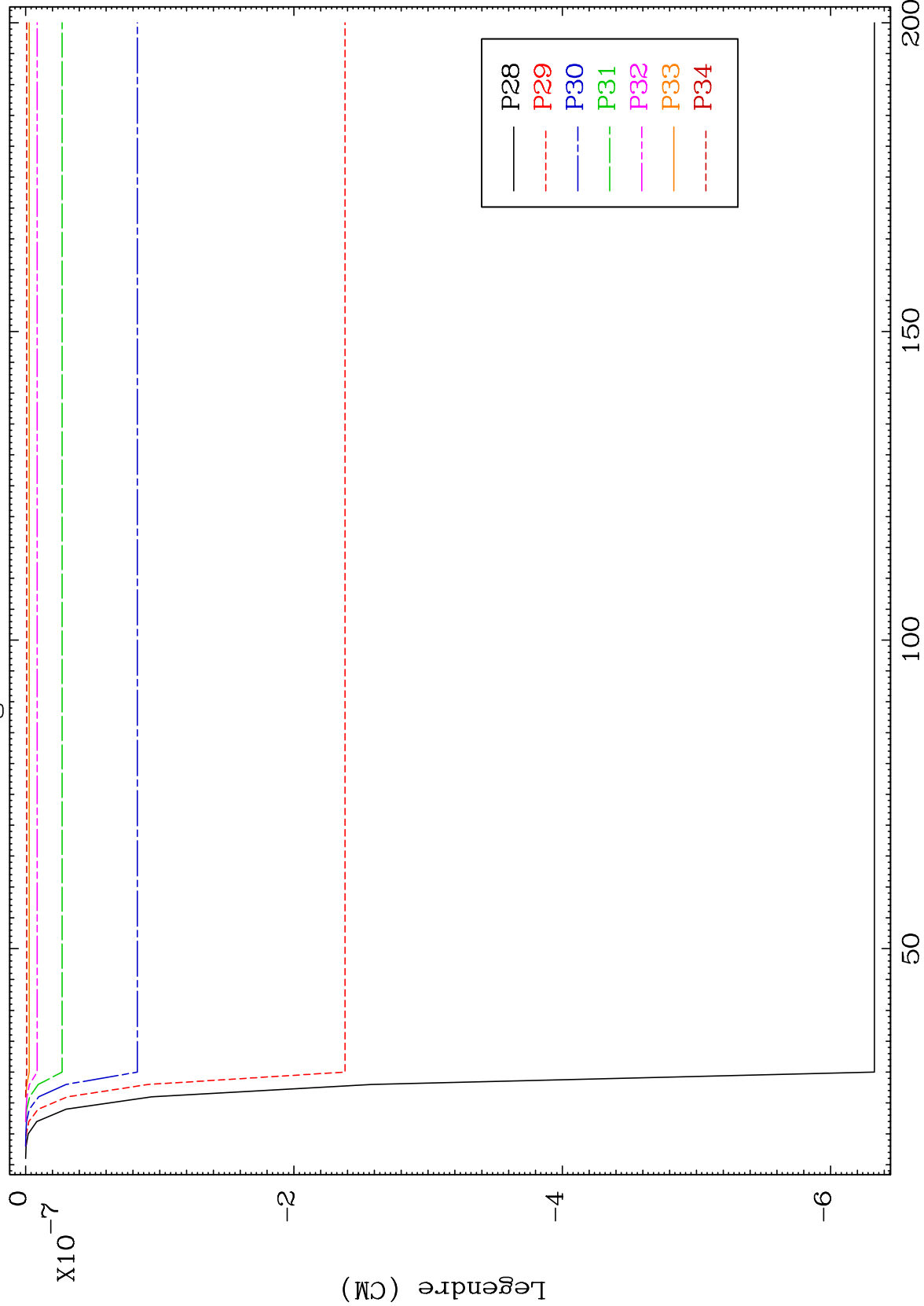
56-Ba-116

MAT 5583

MT= 60 (n,n') Level

56-Ba-116

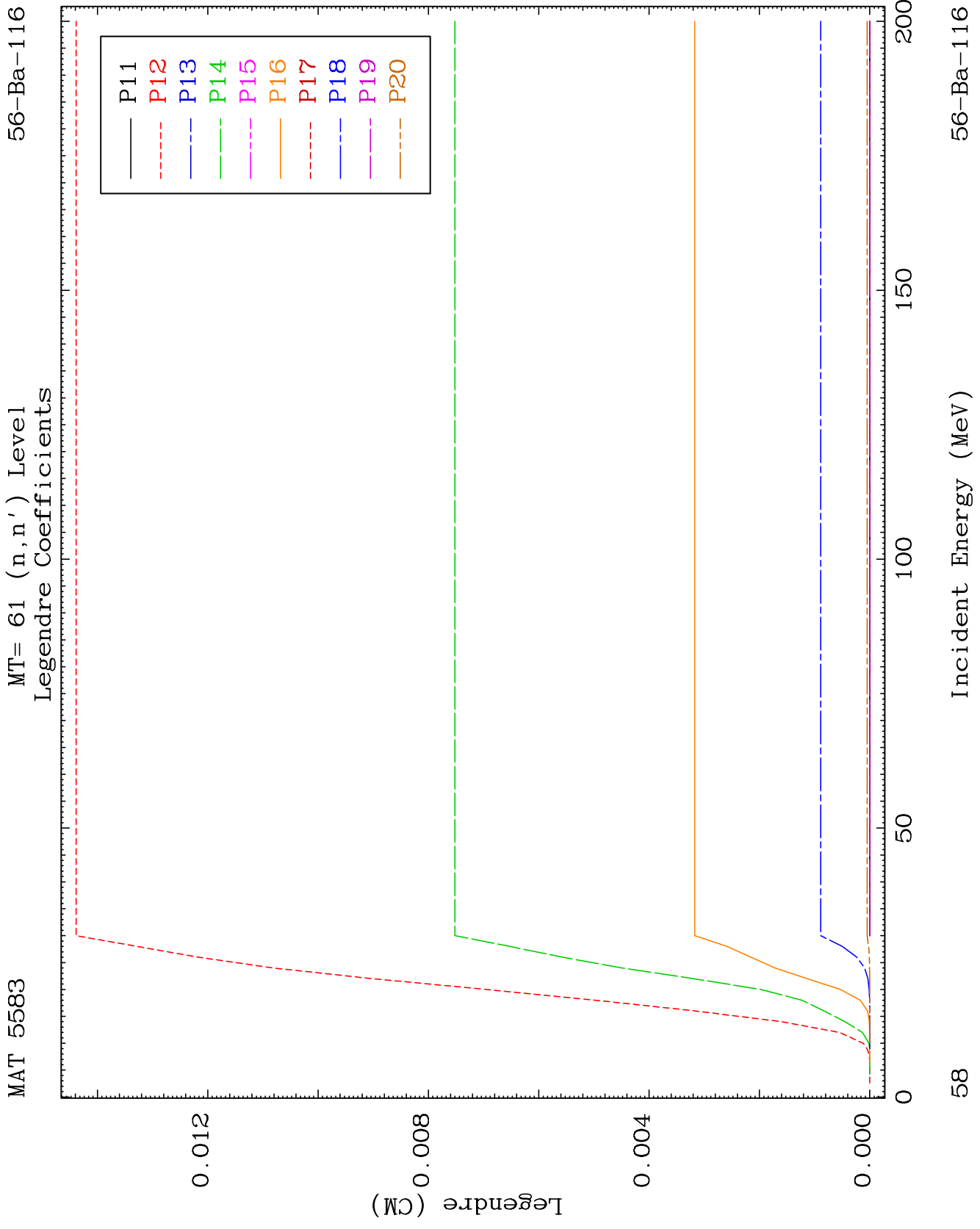
Legendre Coefficients

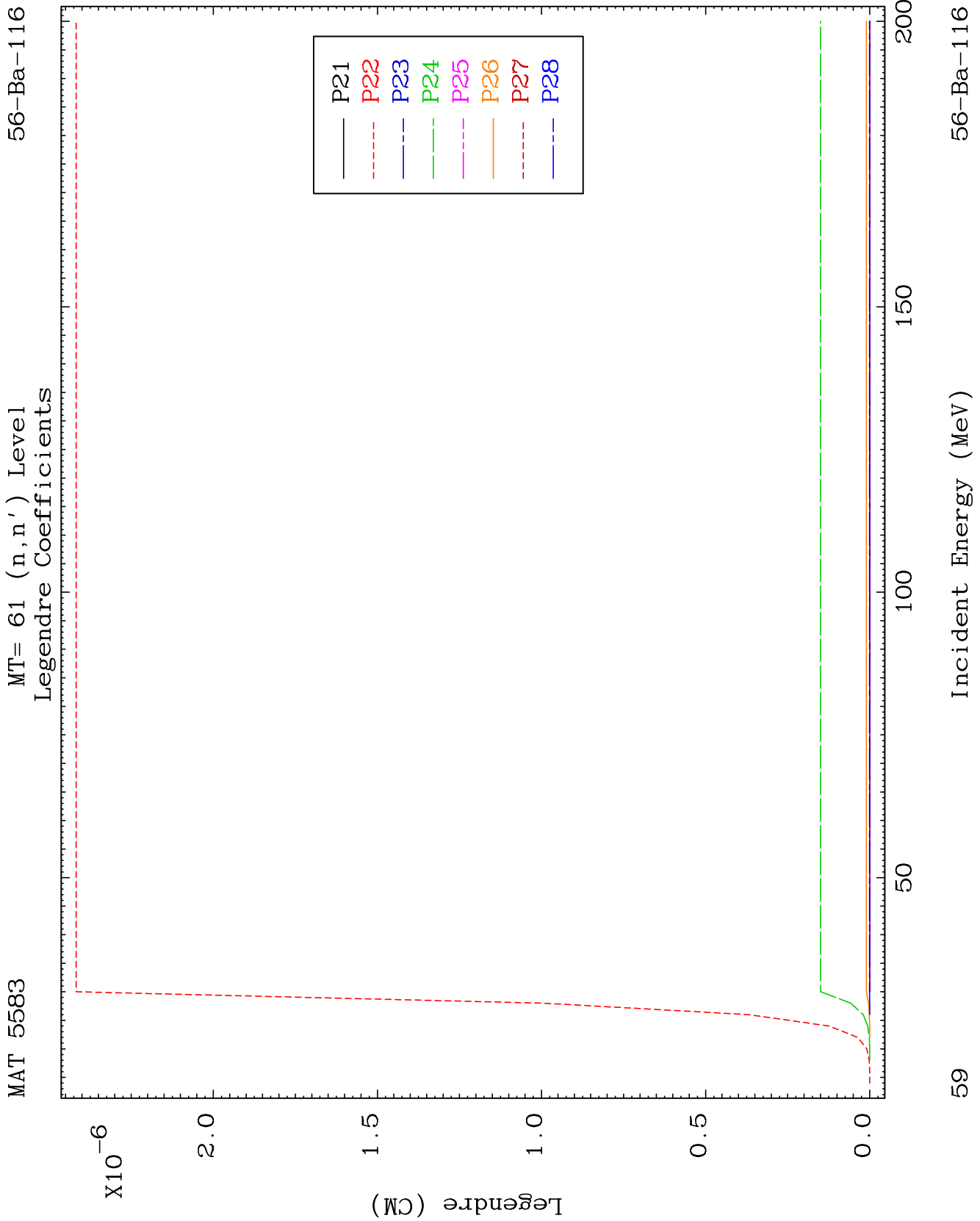


56-Ba-116

Incident Energy (MeV)

56

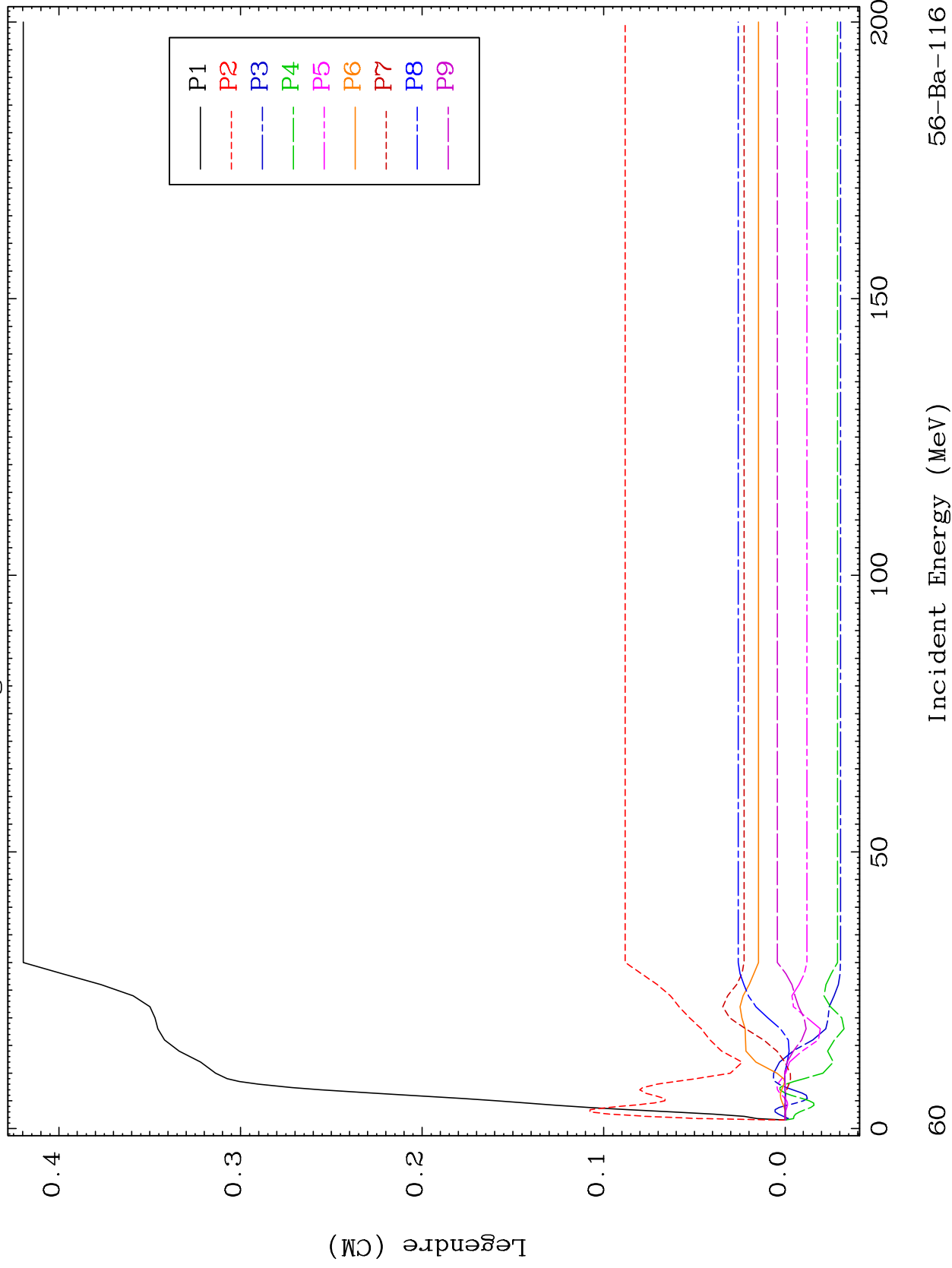




MAT 5583

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

56-Ba-116



56-Ba-116

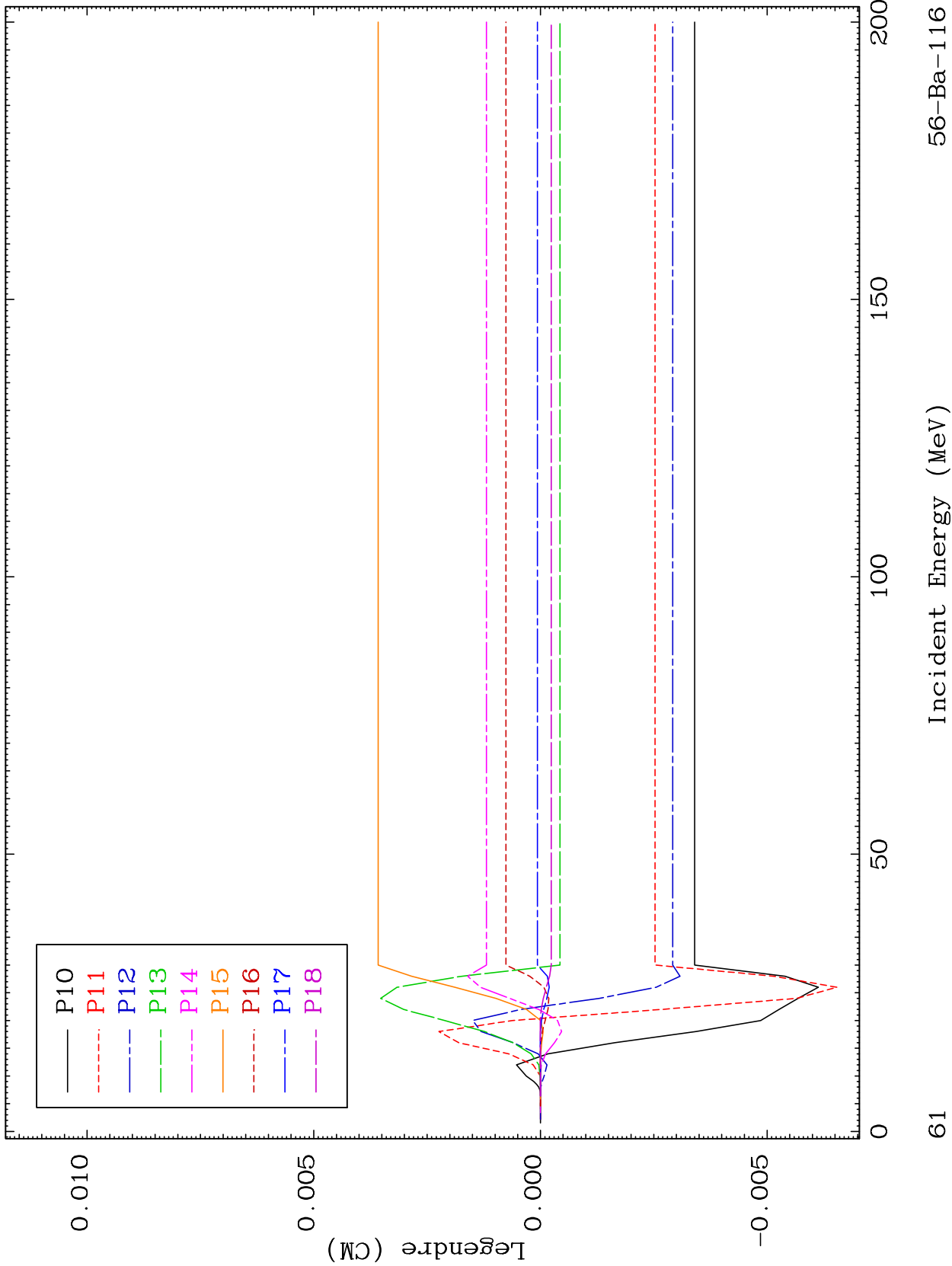
Incident Energy (MeV)

60

MAT 5583

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

56-Ba-116



61

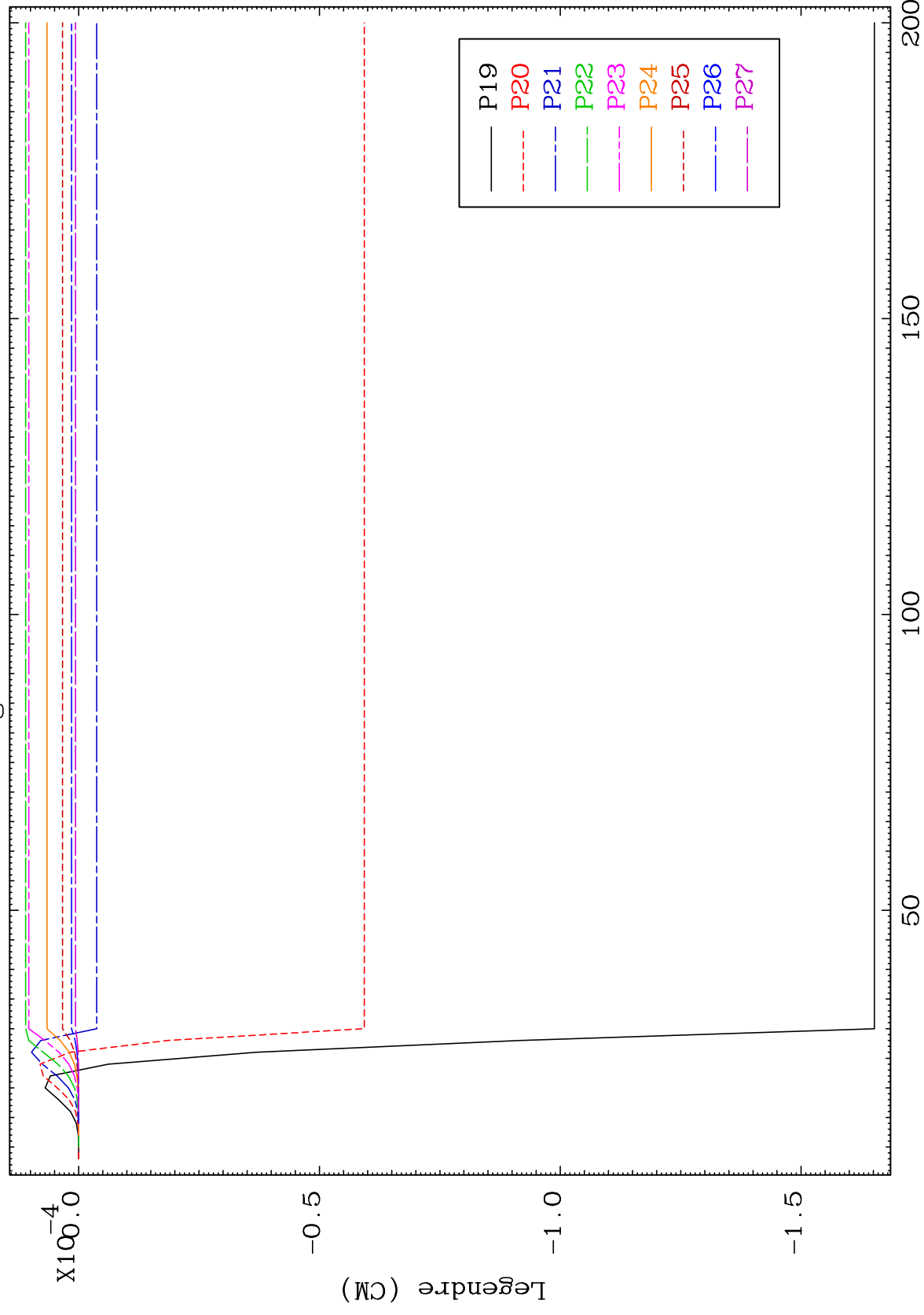
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

56-Ba-116



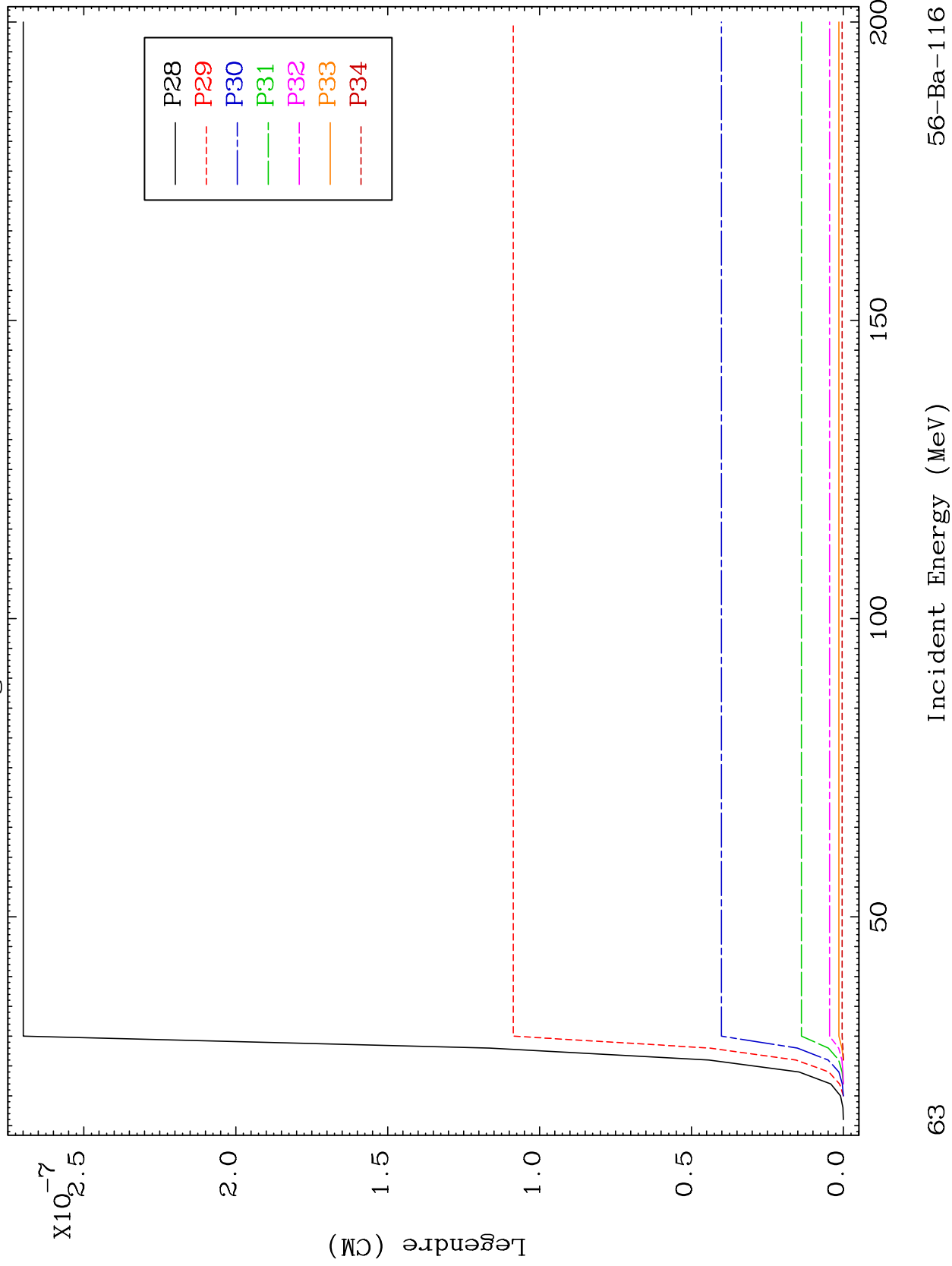
62

56-Ba-116

MAT 5583

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

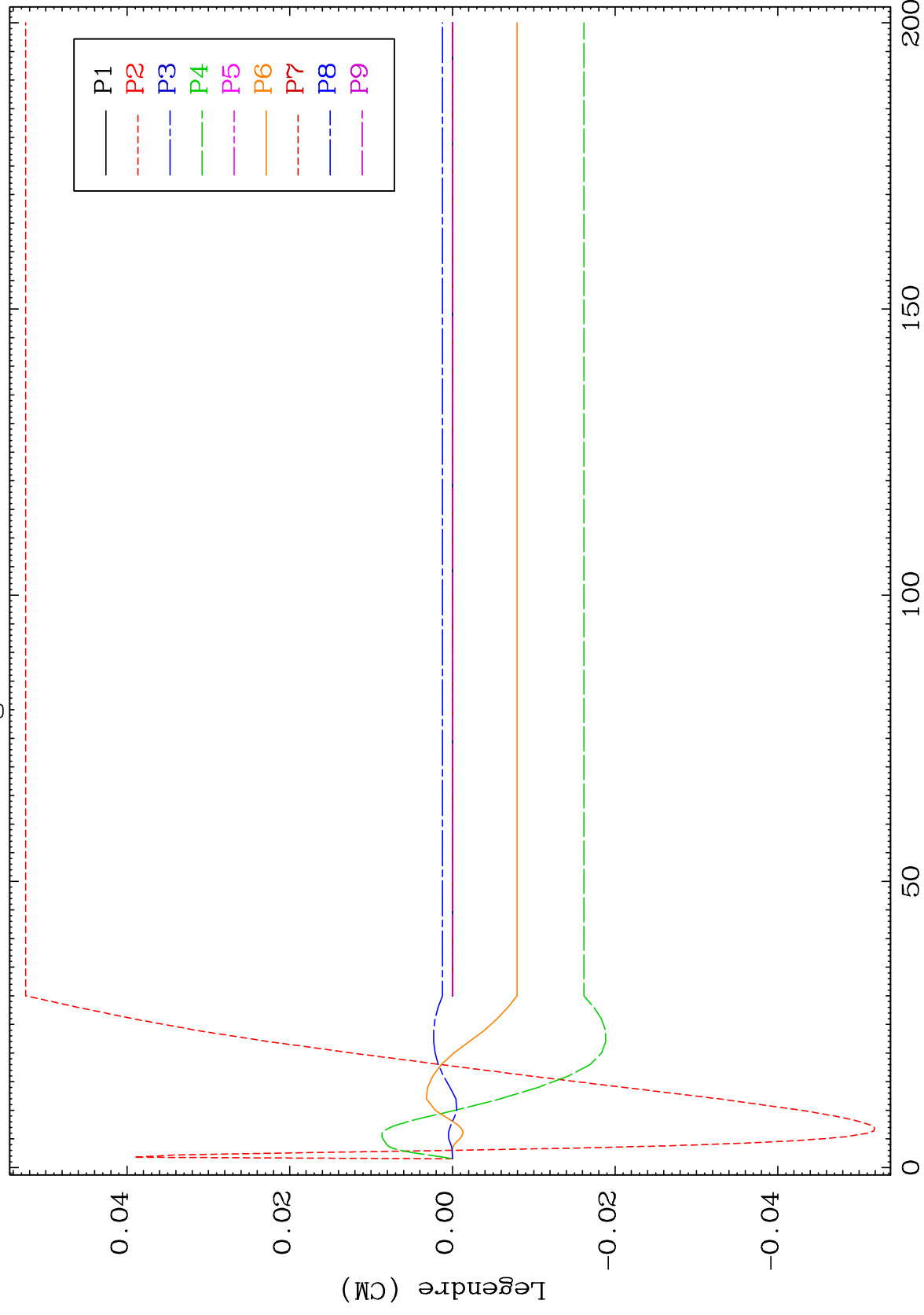
56-Ba-116



MAT 5583

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

56-Ba-116



56-Ba-116

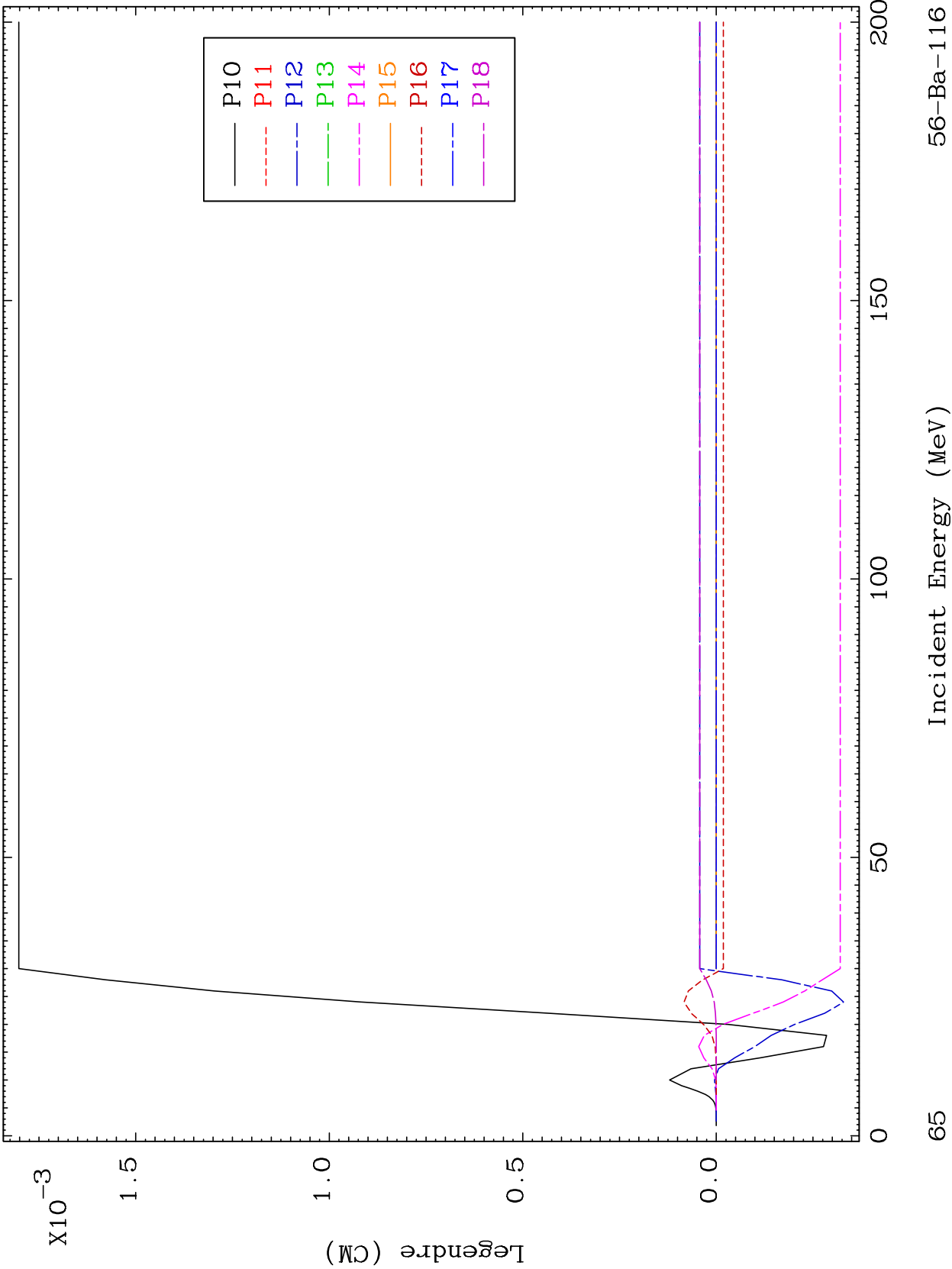
Incident Energy (MeV)

64

MAT 5583

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

56-Ba-116



56-Ba-116

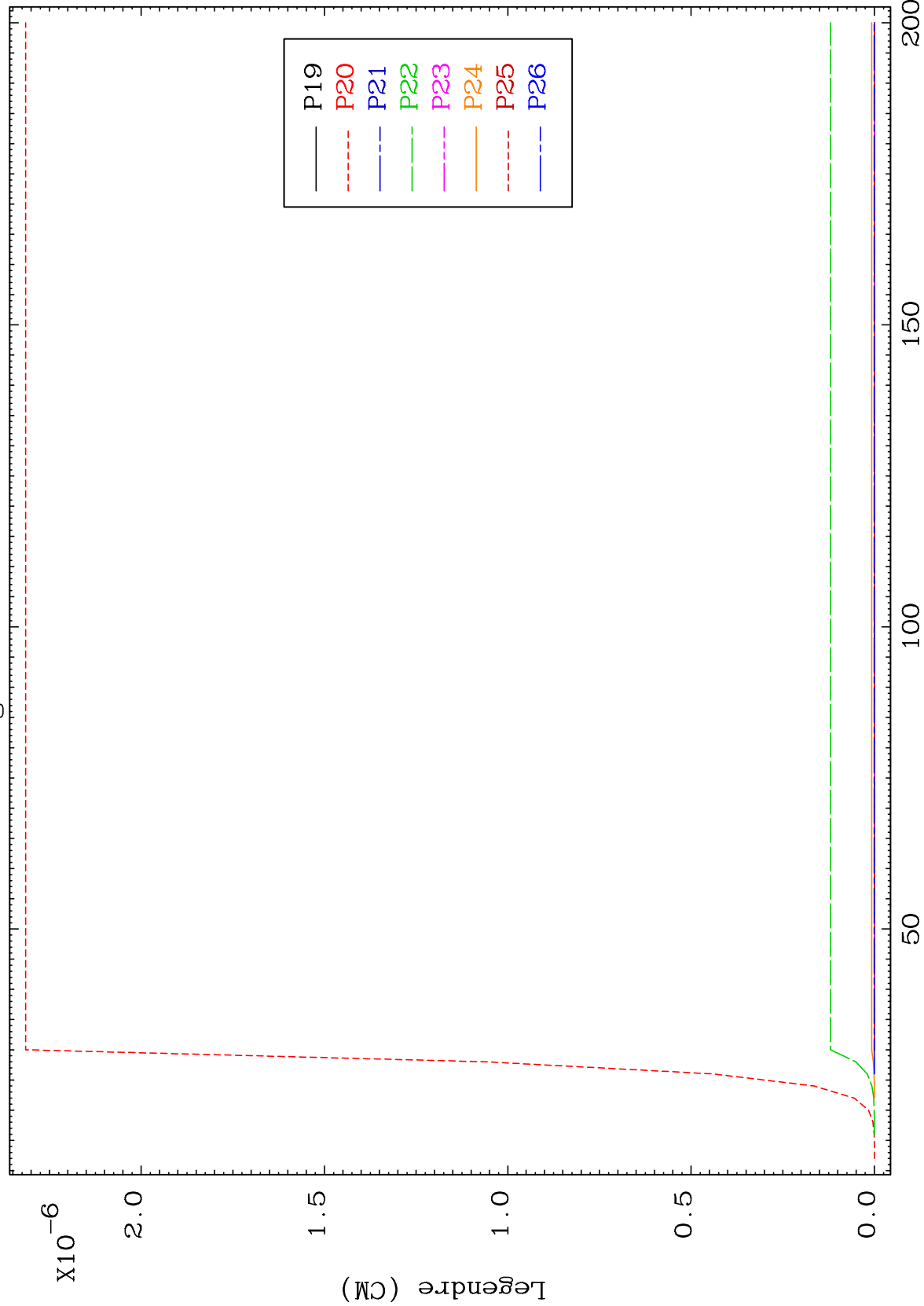
Incident Energy (MeV)

65

MAT 5583

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

56-Ba-116



56-Ba-116

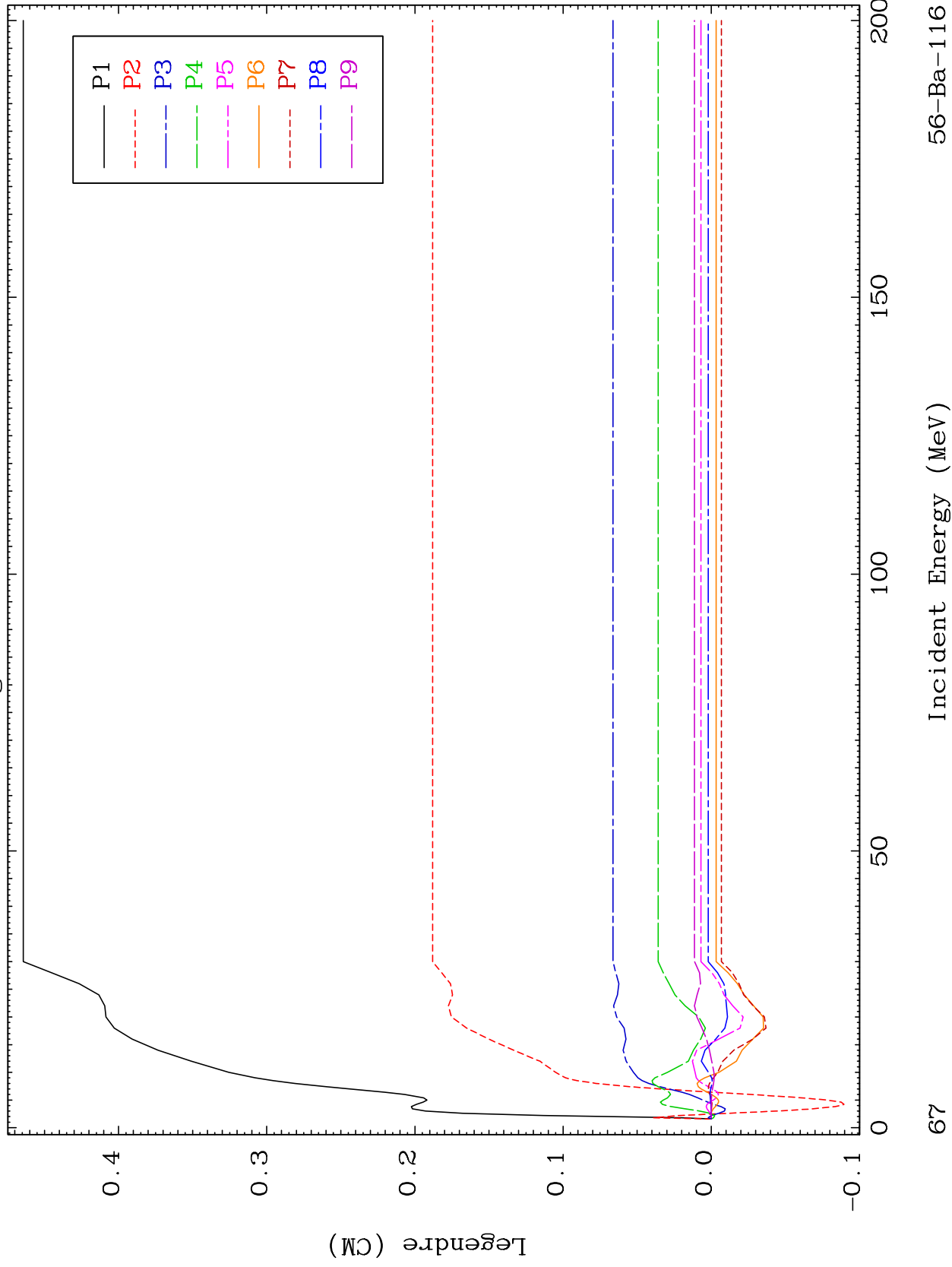
Incident Energy (MeV)

66

MAT 5583

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

56-Ba-116



56-Ba-116

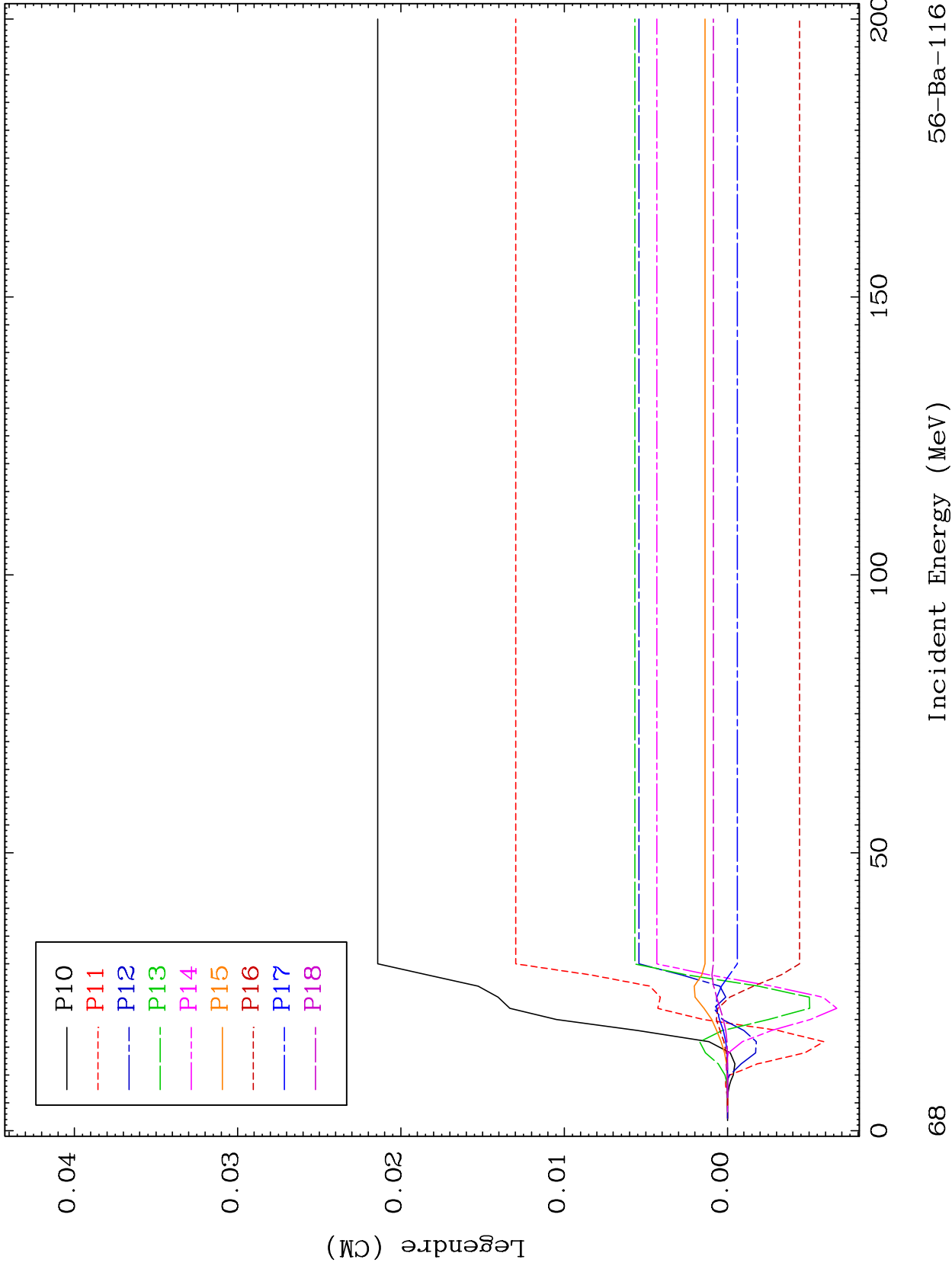
Incident Energy (MeV)

67

MAT 5583

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

56-Ba-116



56-Ba-116

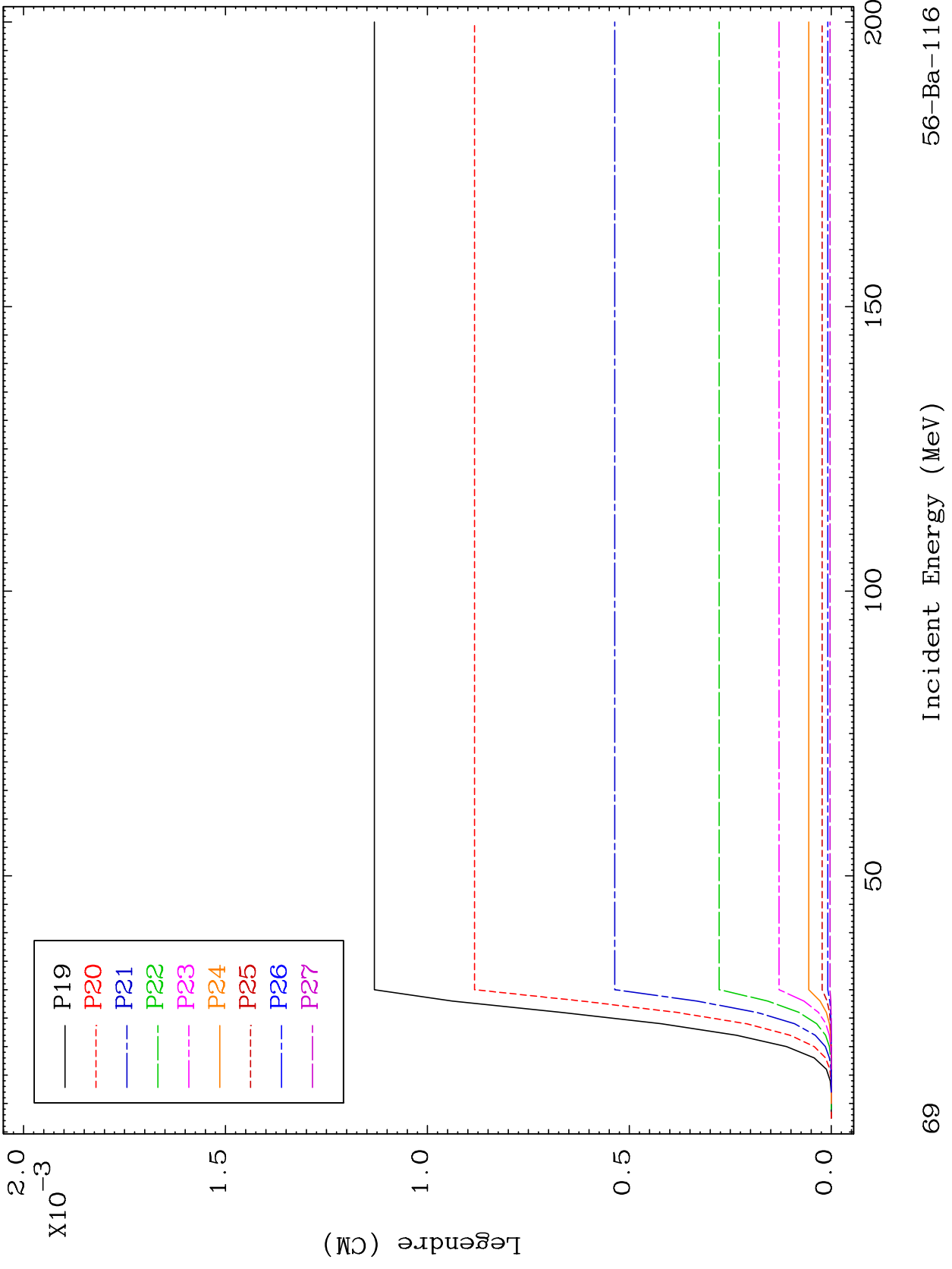
Incident Energy (MeV)

68

MAT 5583

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

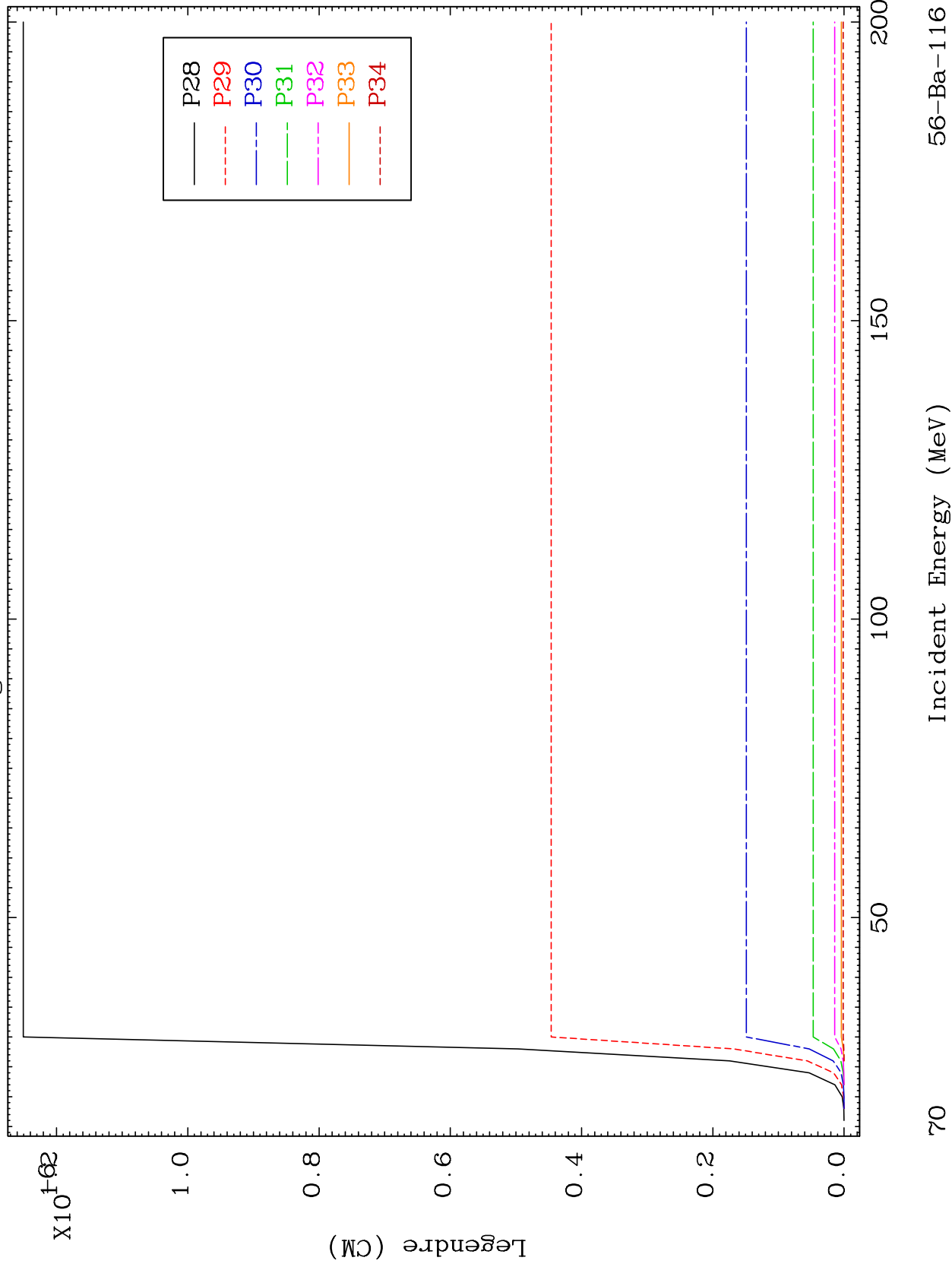
56-Ba-116



MAT 5583

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

56-Ba-116



70

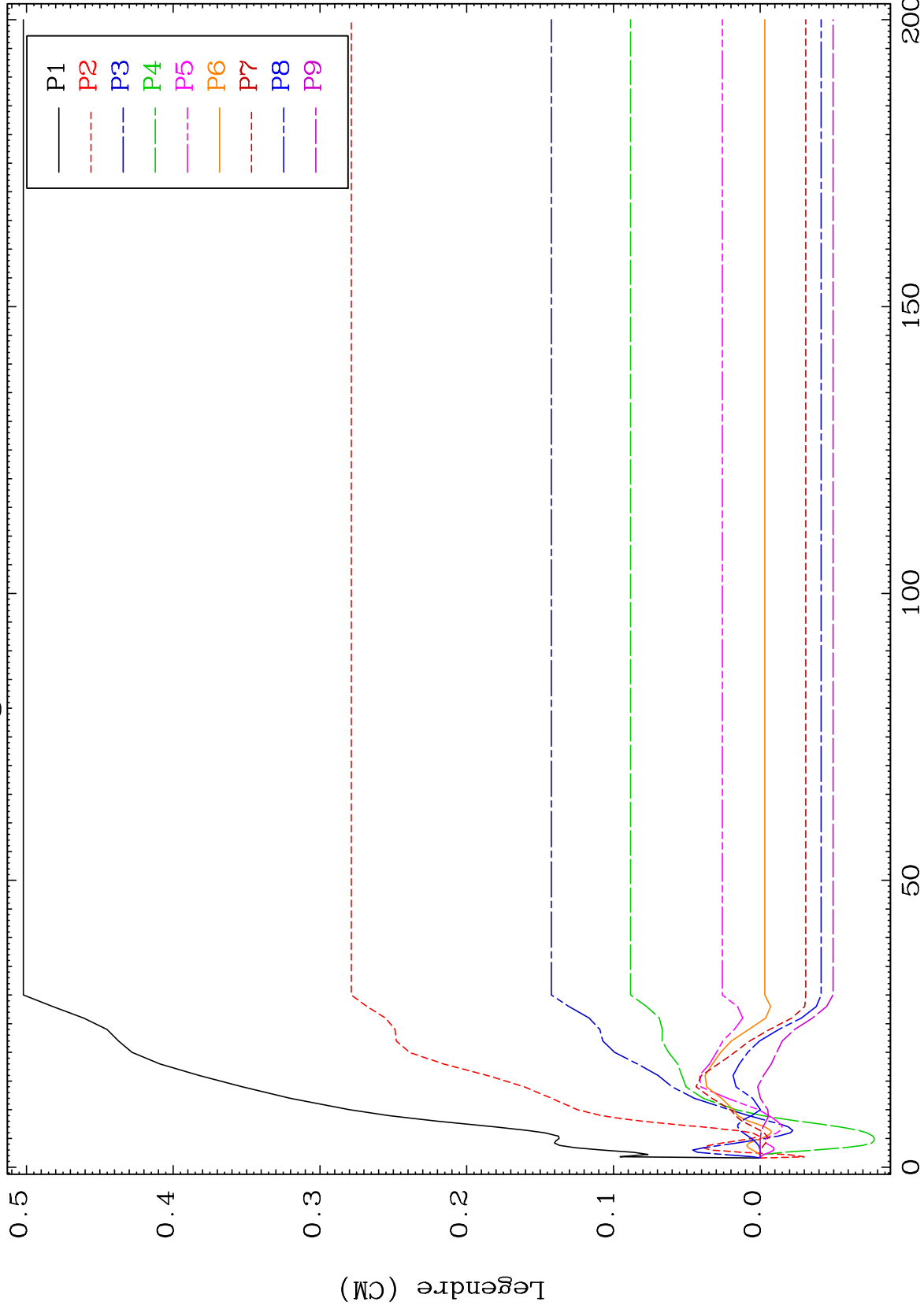
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

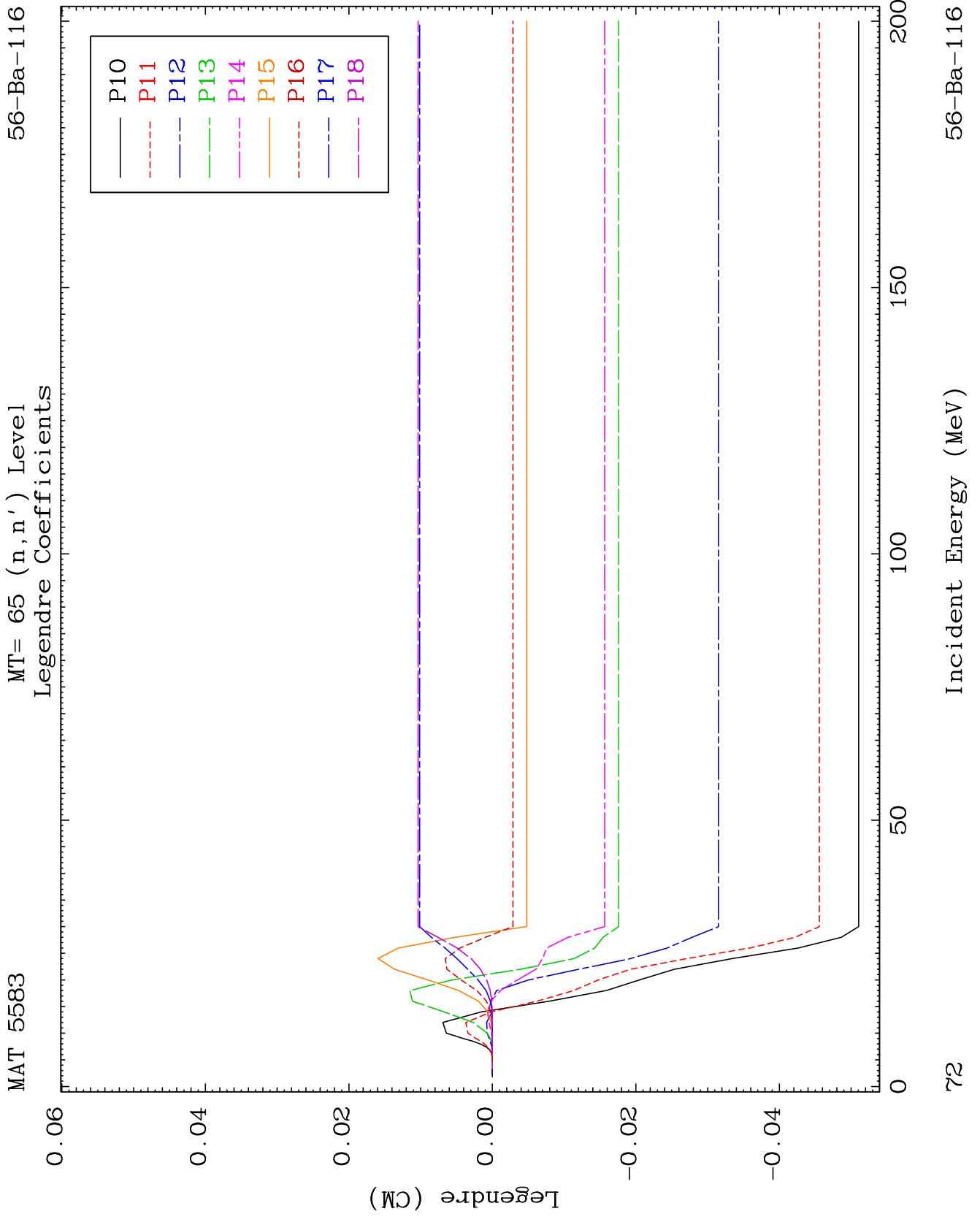
56-Ba-116



71

Incident Energy (MeV)

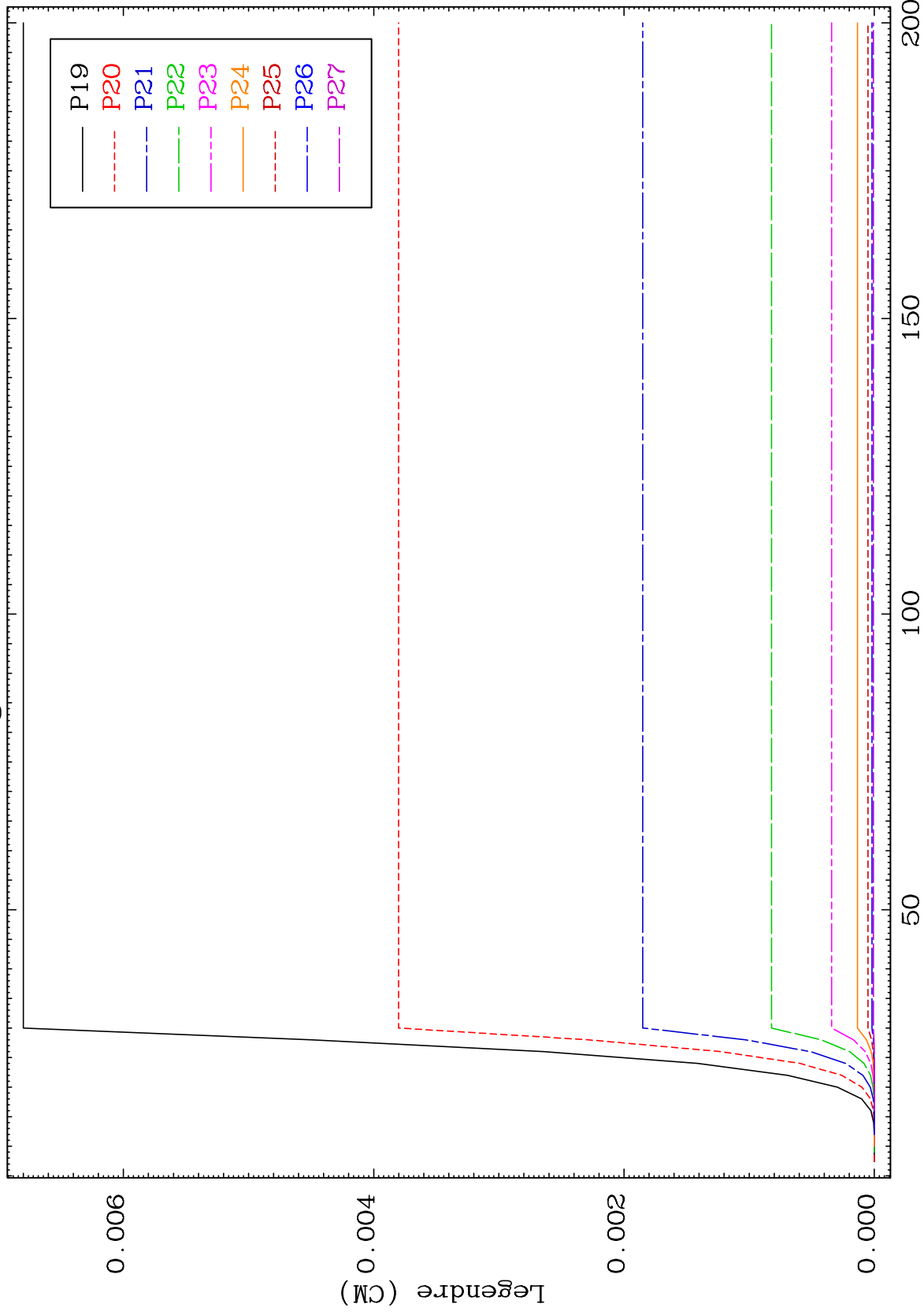
56-Ba-116



MAT 5583

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

56-Ba-116



73

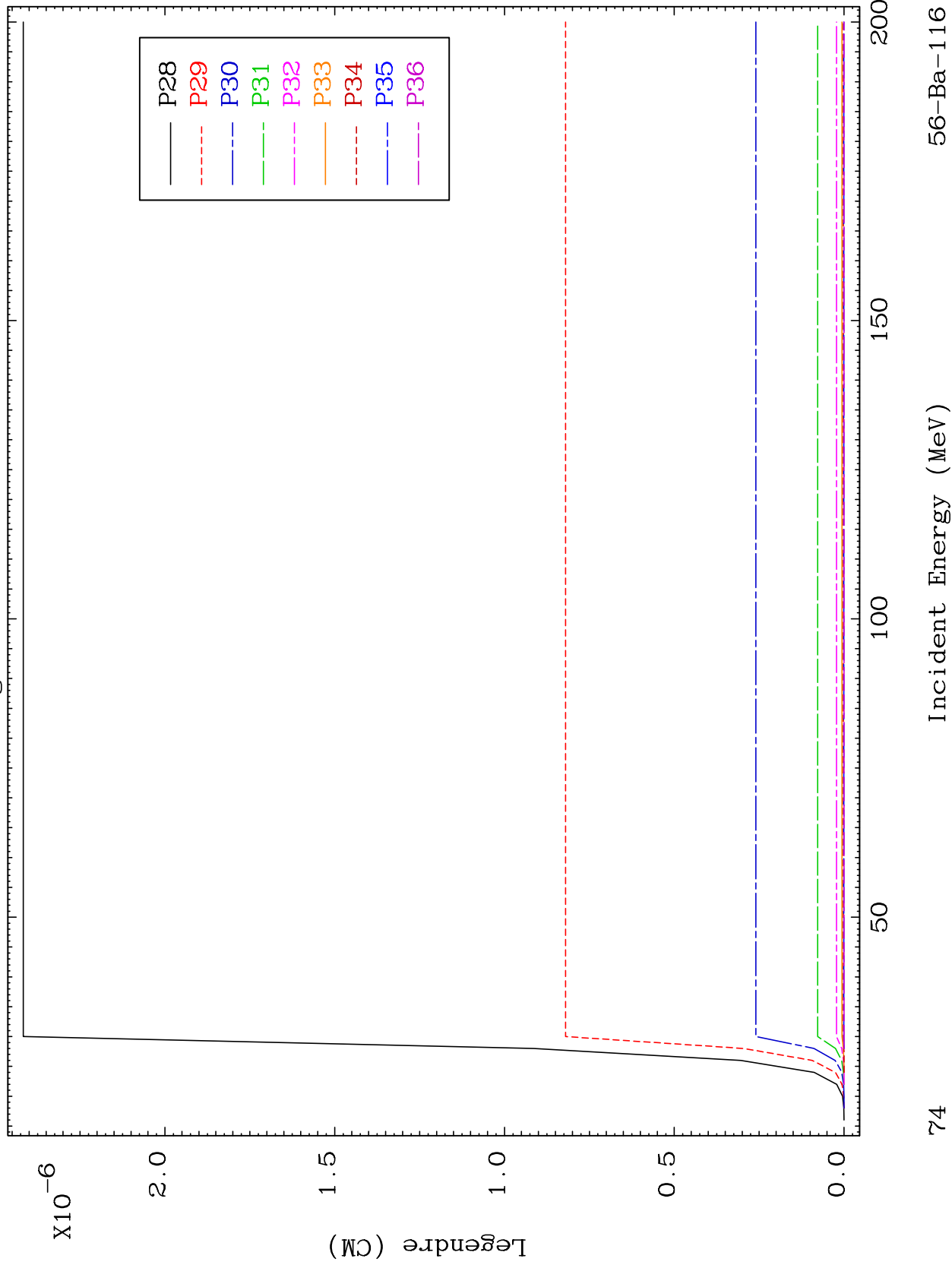
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

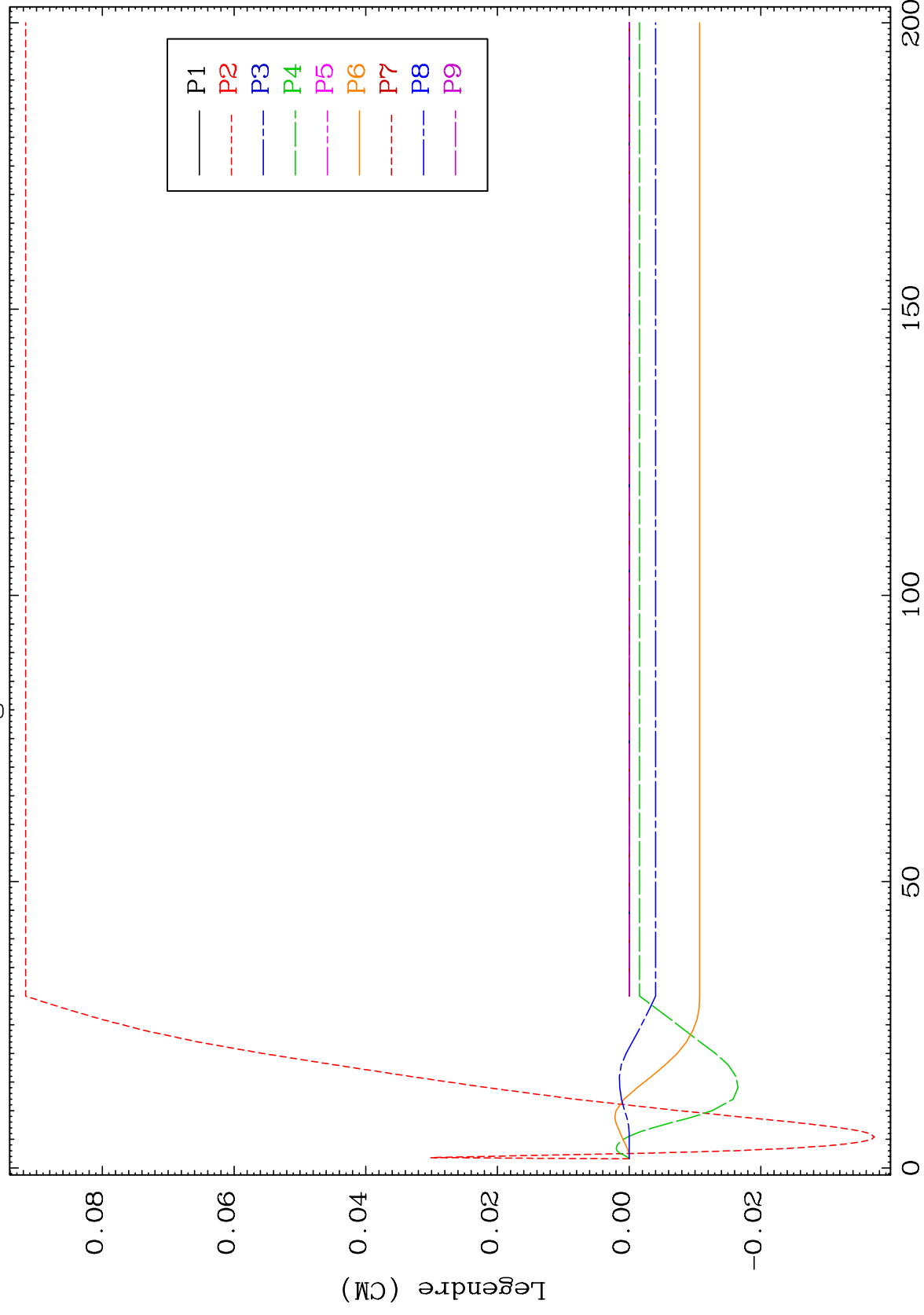
56-Ba-116



MAT 5583

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

56-Ba-116



56-Ba-116

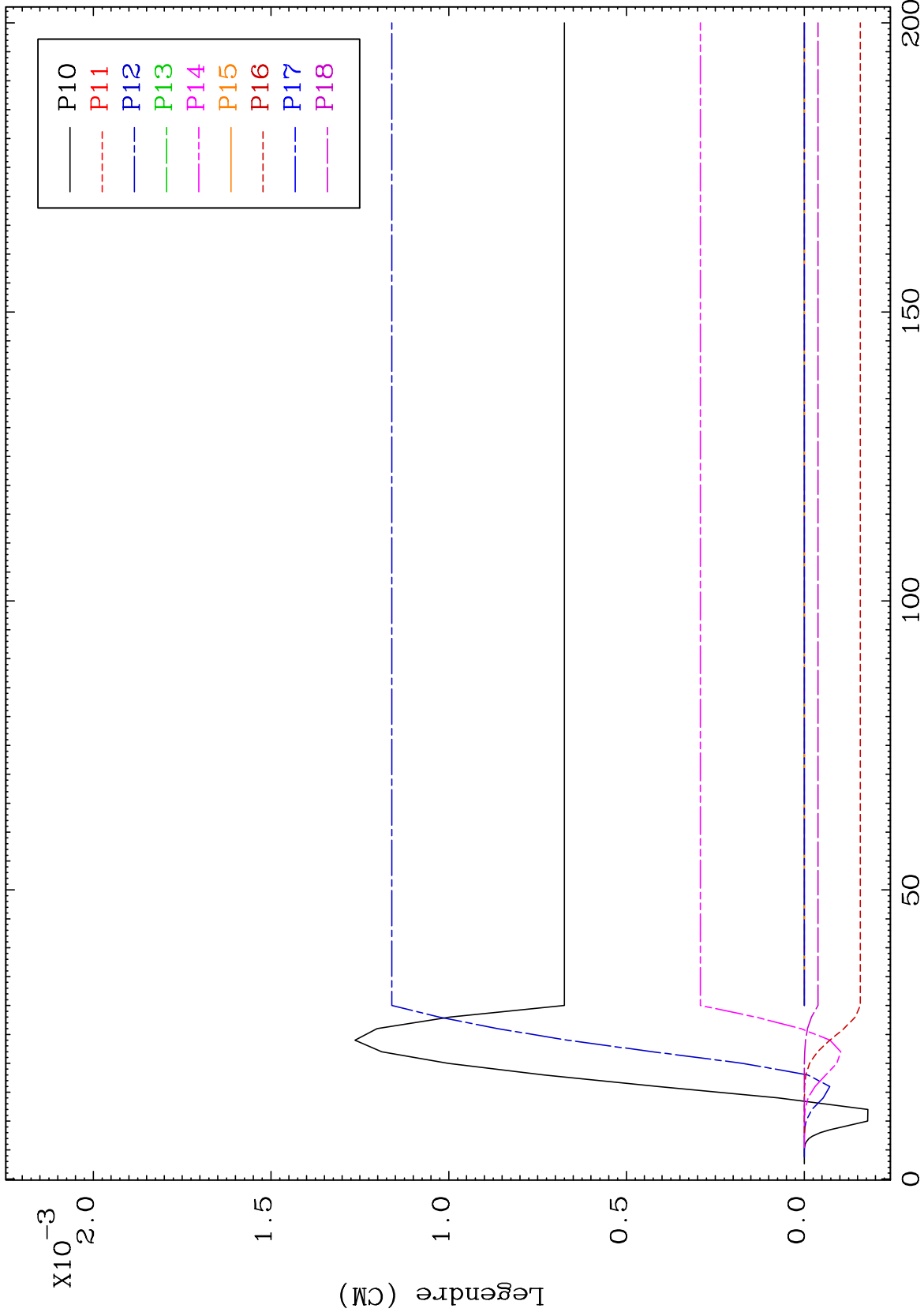
Incident Energy (MeV)

75

MAT 5583

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

56-Ba-116



76

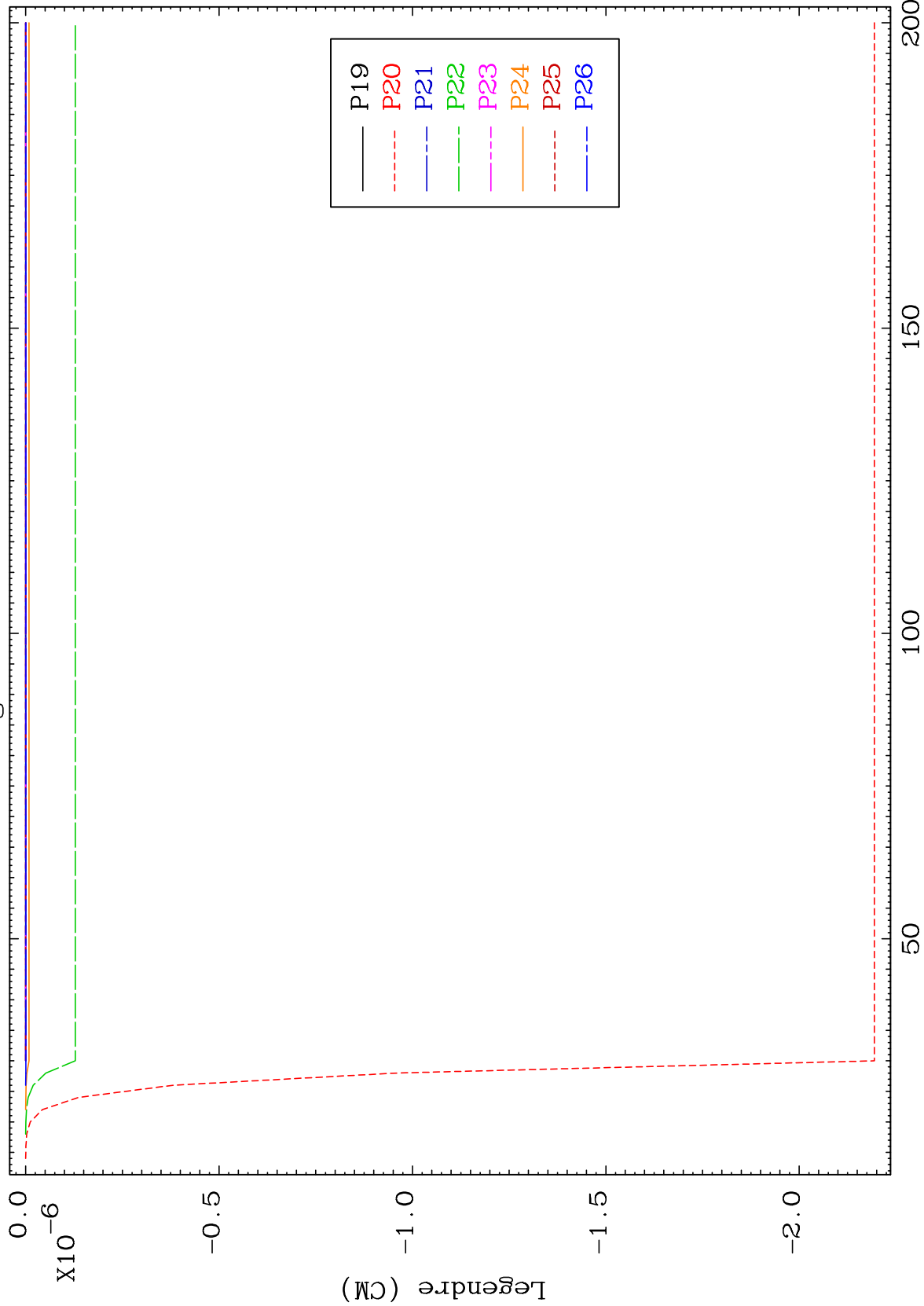
Incident Energy (MeV)

56-Ba-116

MAT 5583

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

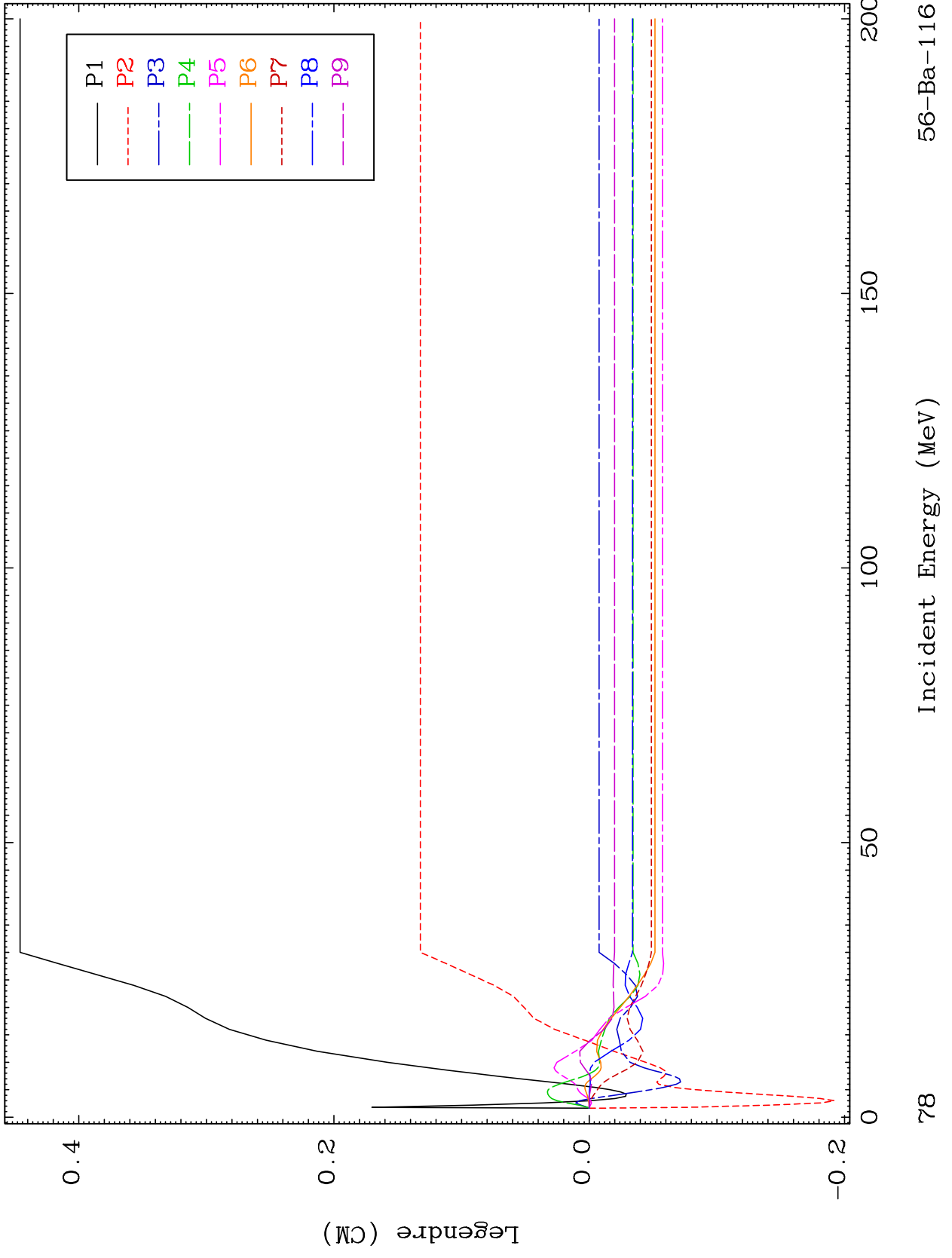
56-Ba-116



MAT 5583

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

56-Ba-116



56-Ba-116

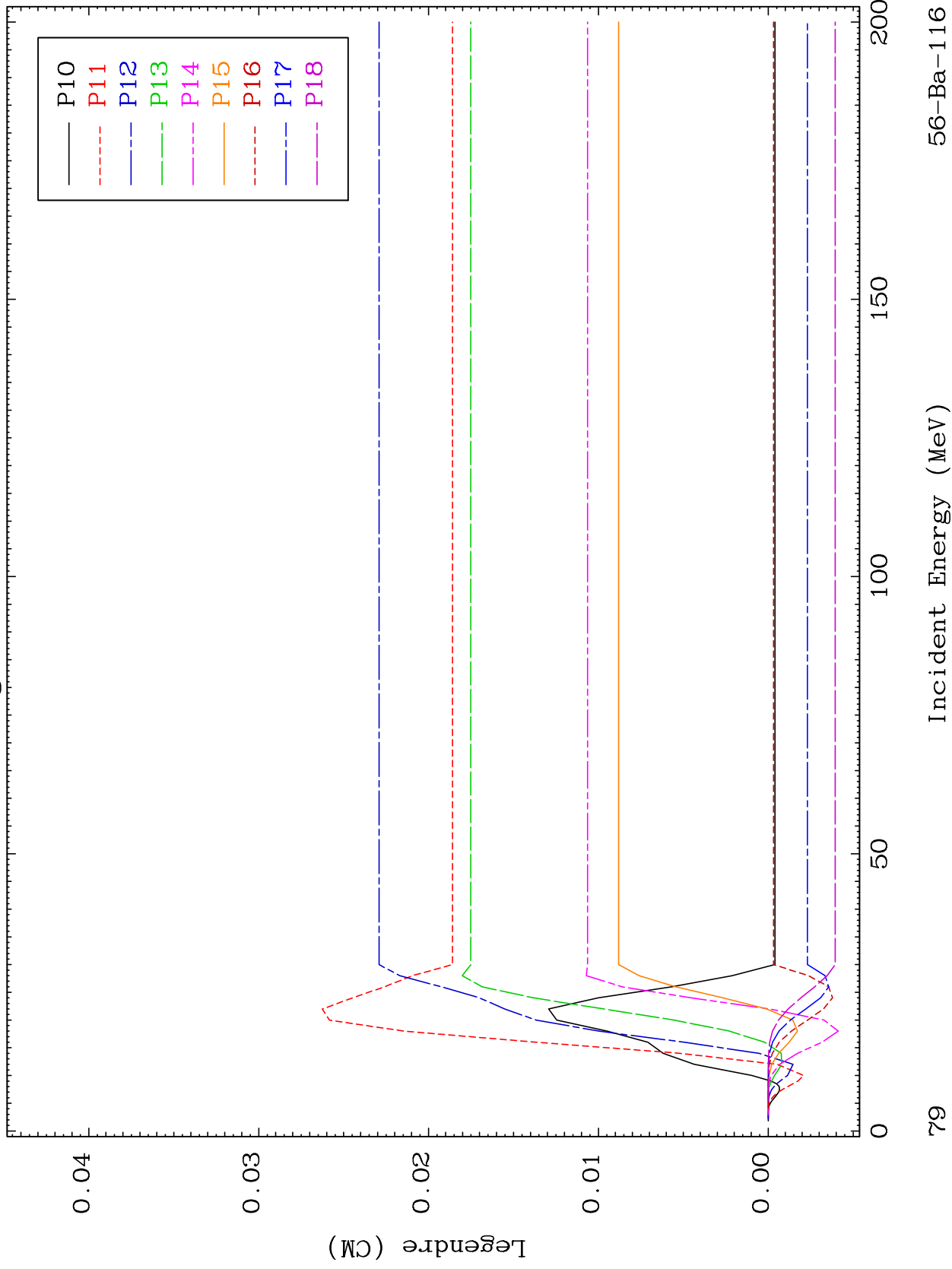
Incident Energy (MeV)

78

MAT 5583

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

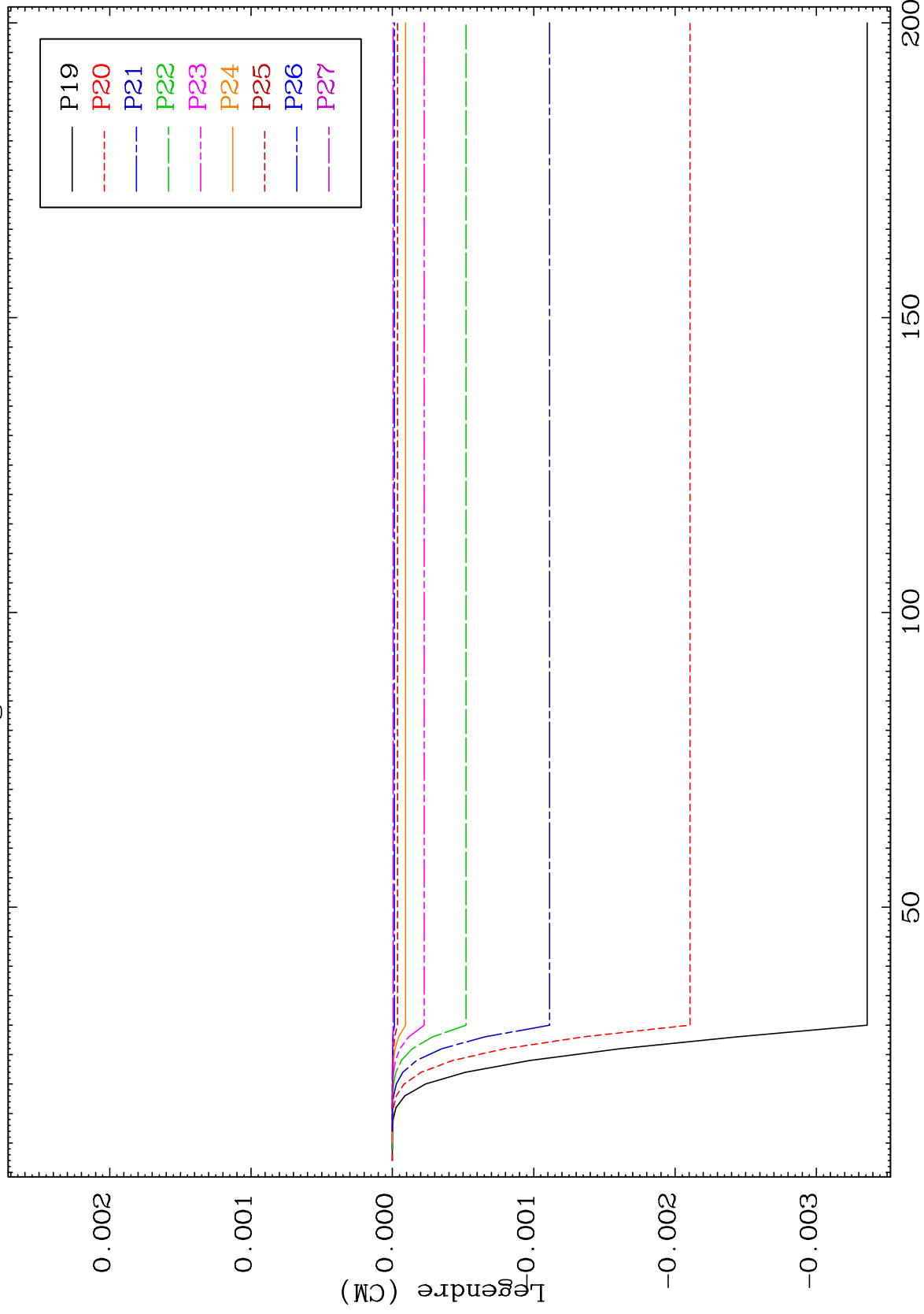
56-Ba-116



MAT 5583

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

56-Ba-116



80

Incident Energy (MeV)

56-Ba-116

MAT 5583

56-Ba-116

(n,p)
Radionuclide Production Cross Section

