

Program EVALPLOT
(Version 2017-1)

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

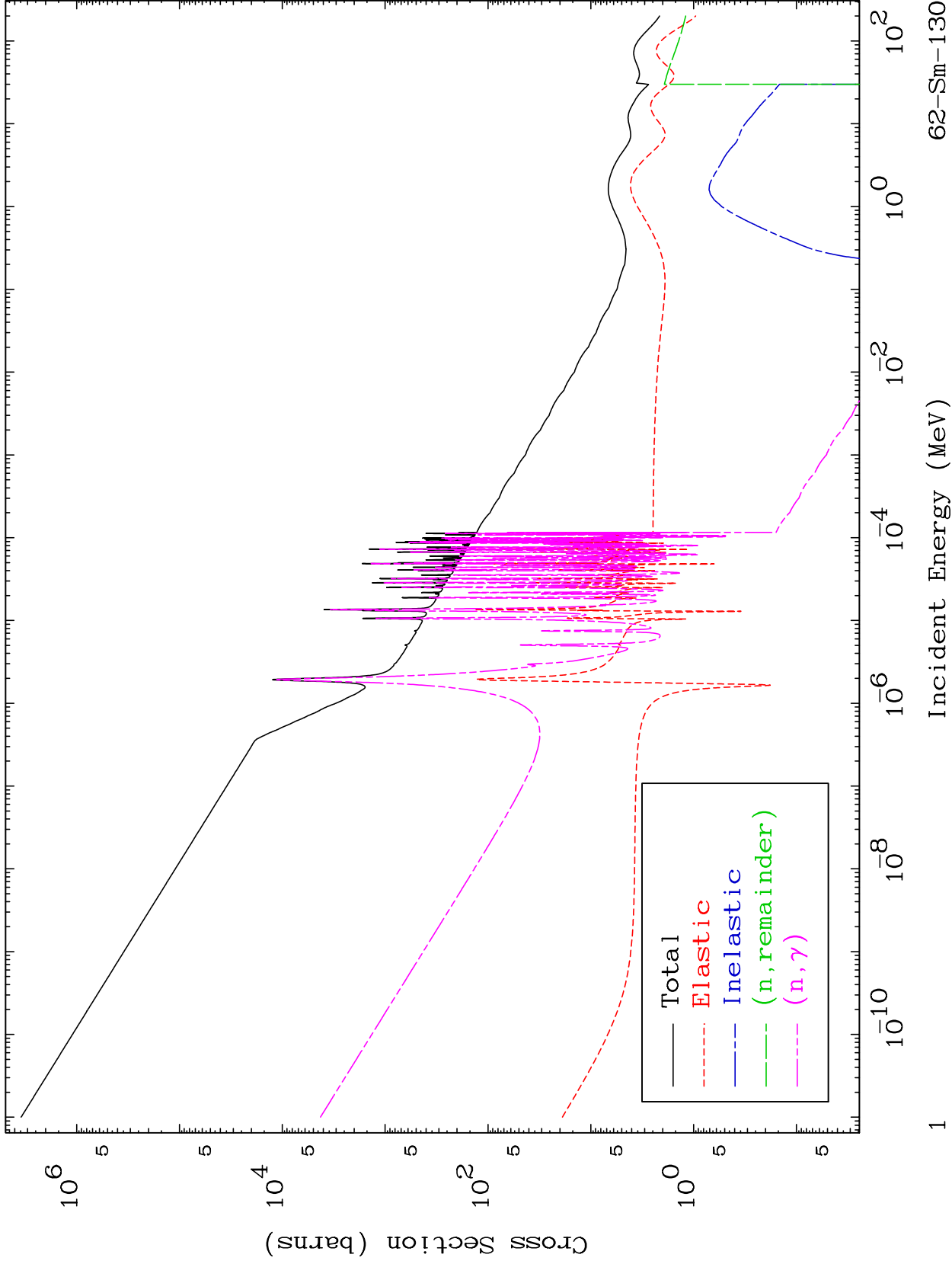
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6183

Major
293 Kelvin Cross Sections

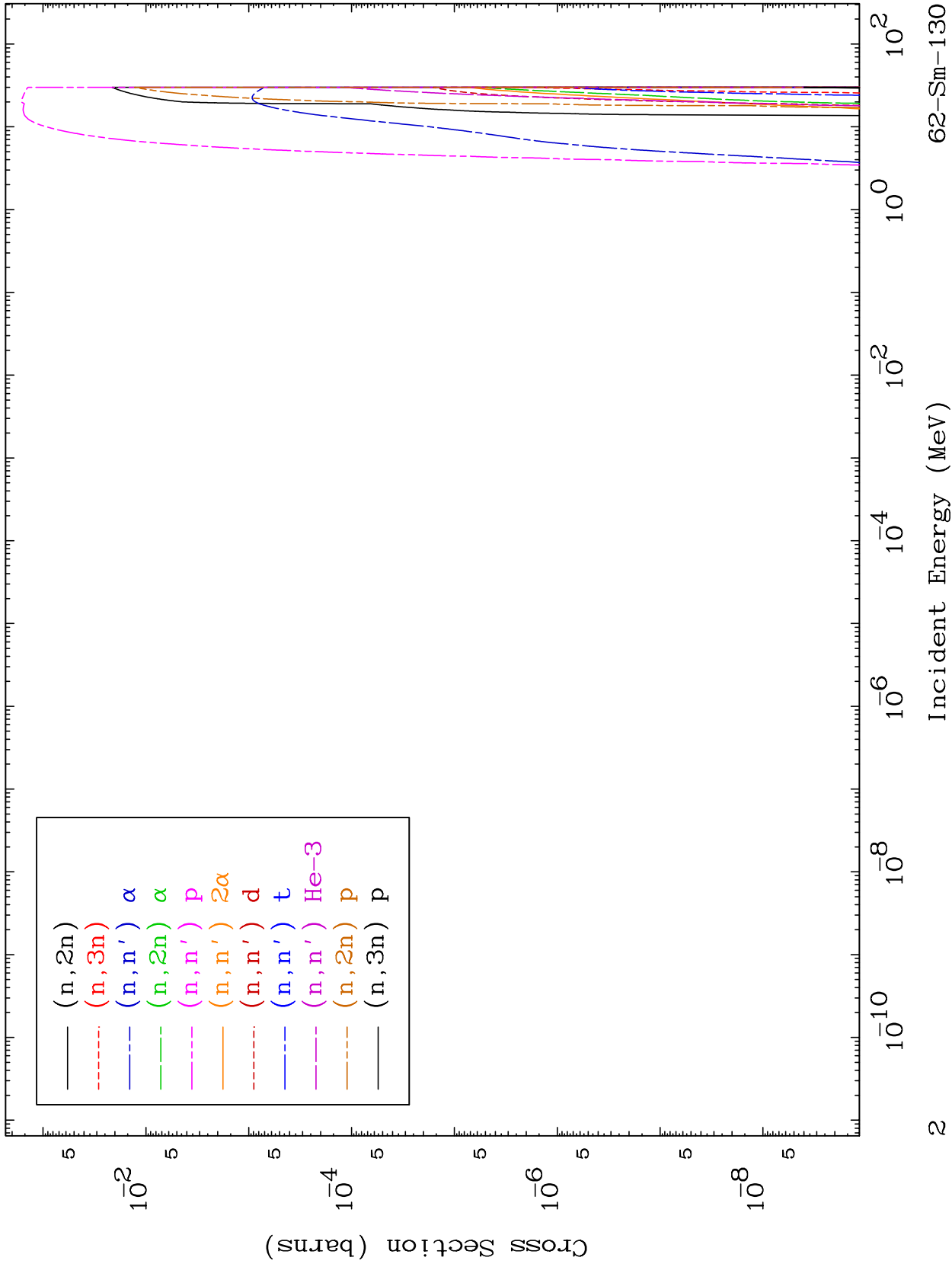
62-Sm-130



MAT 6183

Neutron Production
293 Kelvin Cross Sections

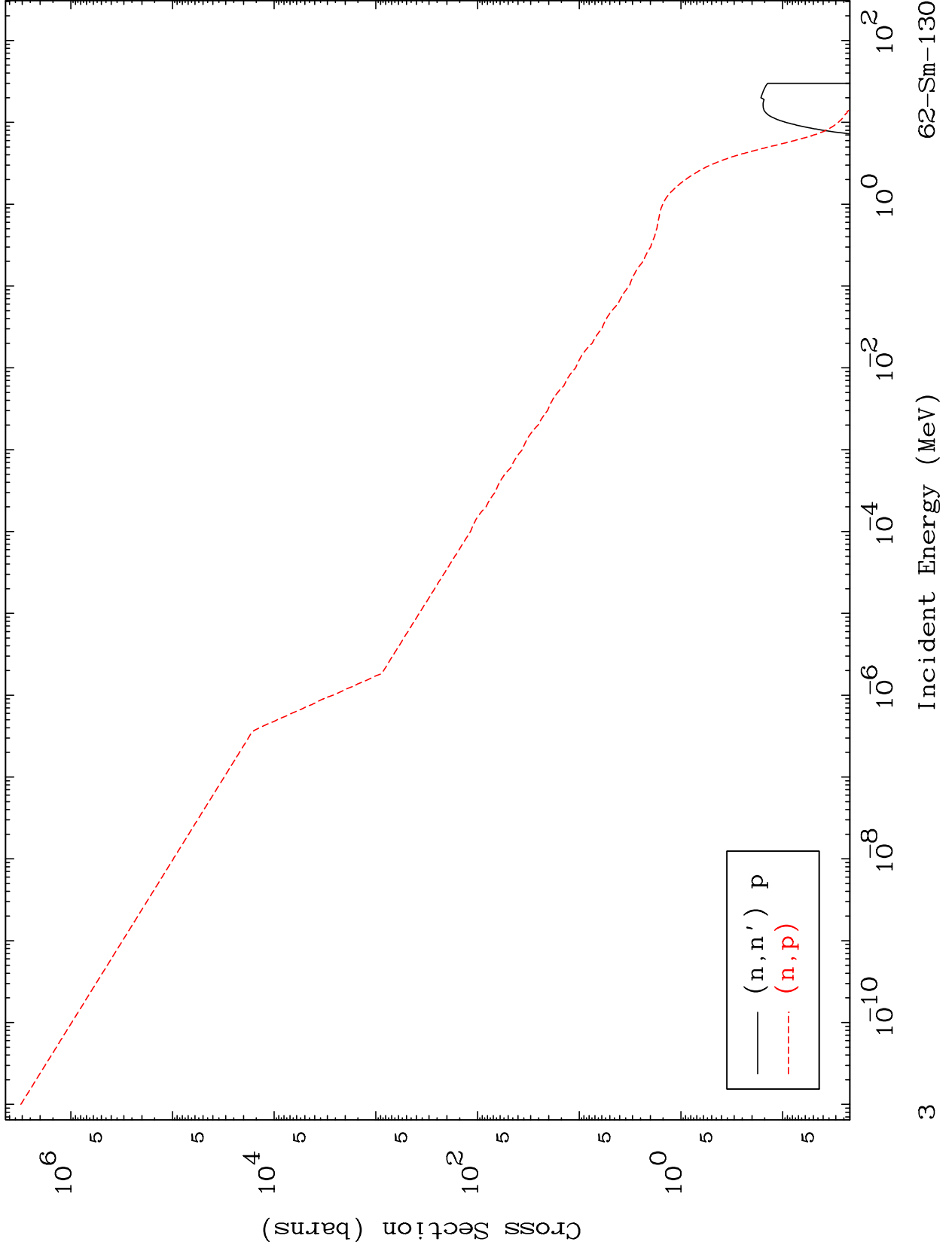
62-Sm-130



MAT 6183

Charged Particle
293 Kelvin Cross Sections

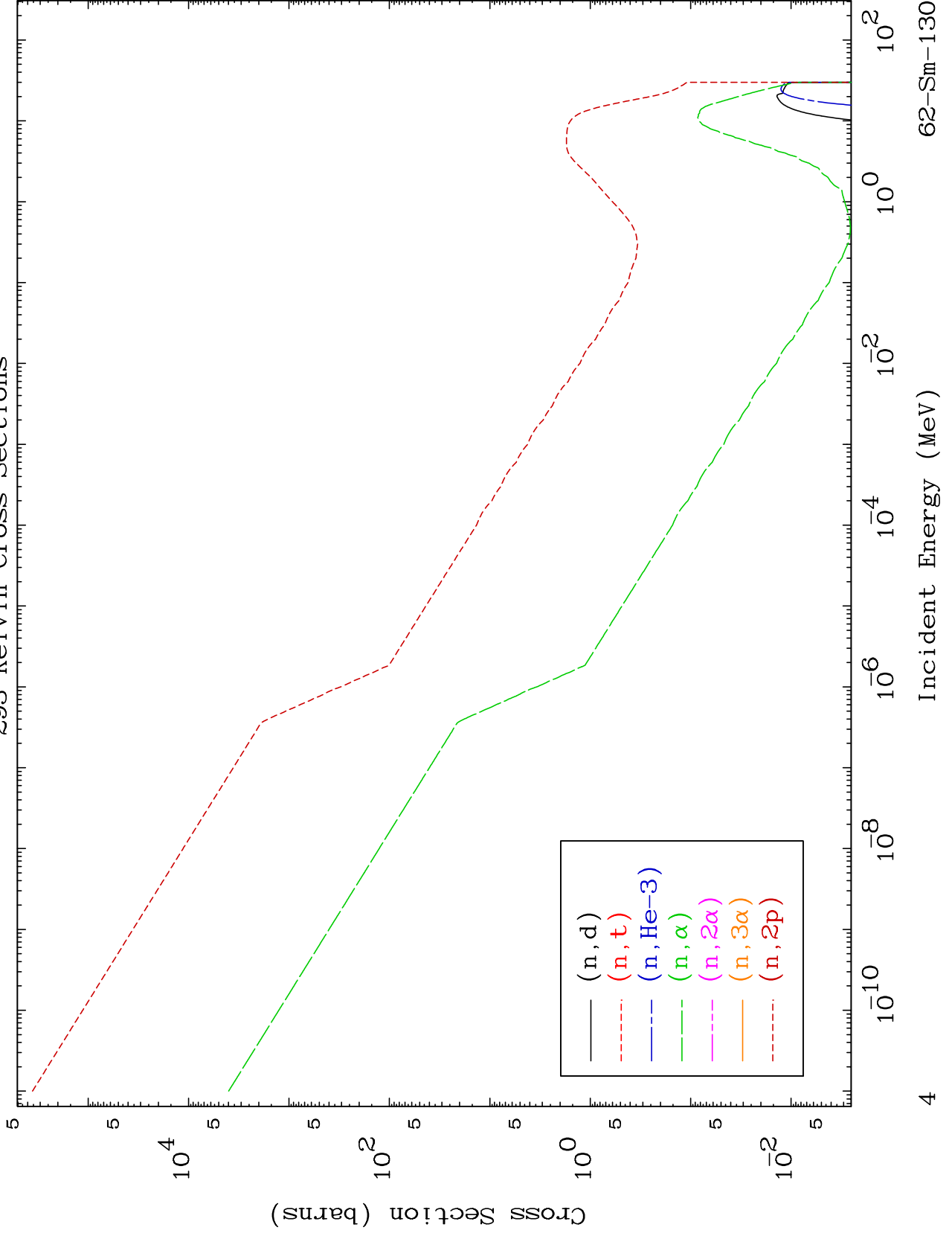
62-Sm-130



MAT 6183

Charged Particle
293 Kelvin Cross Sections

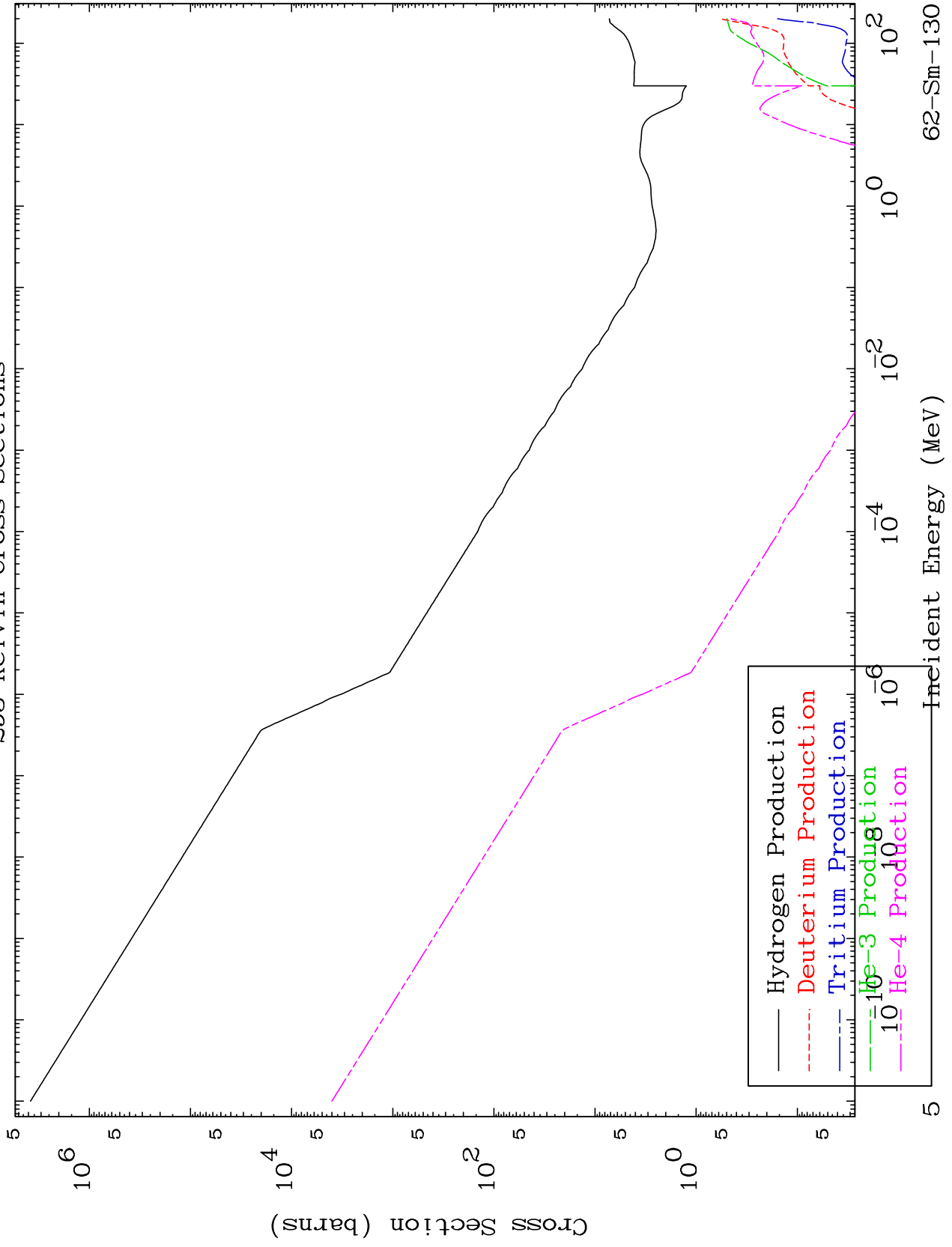
62-Sm-130



MAT 6183

Particle Production
293 Kelvin Cross Sections

62-Sm-130

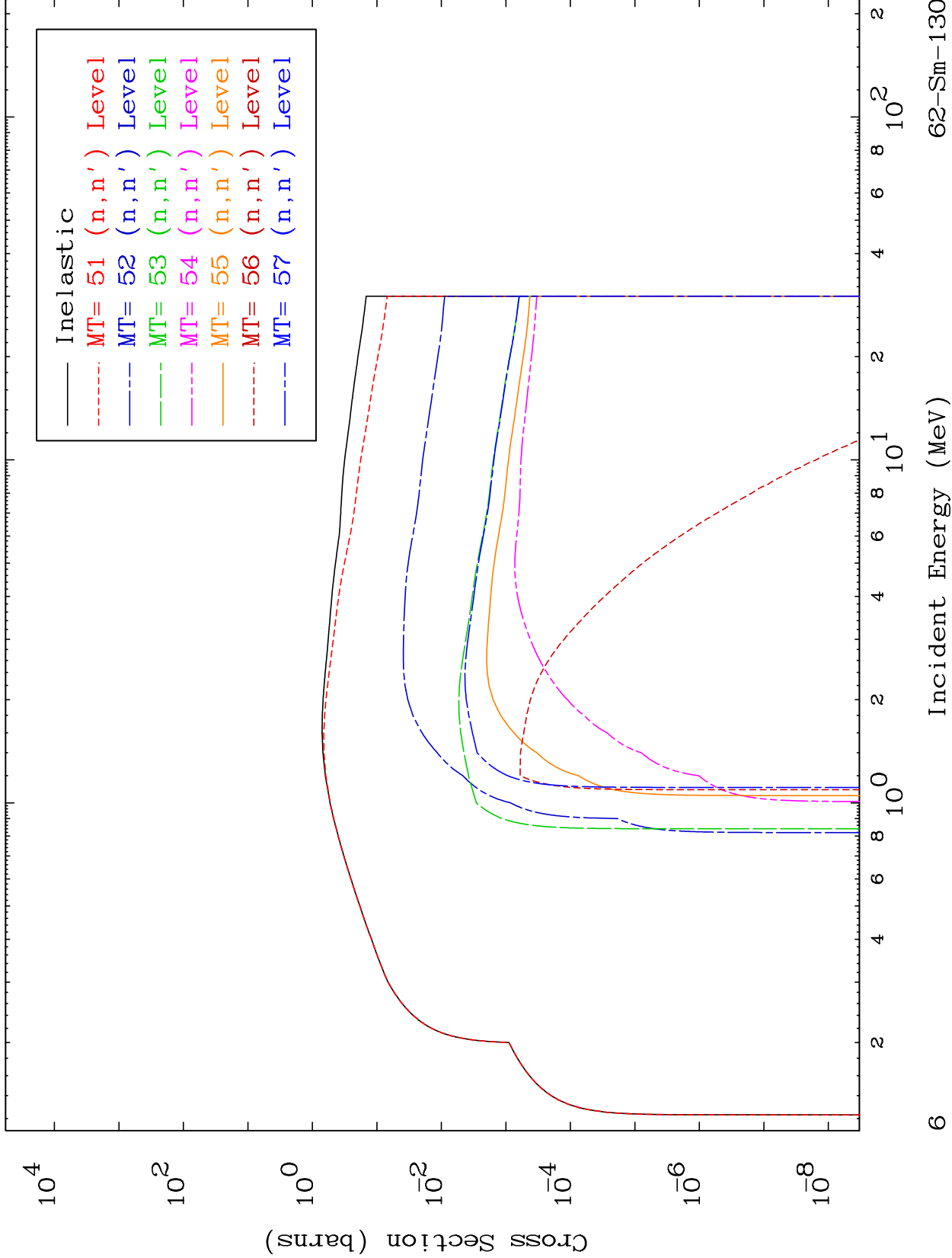


MAT 6183

(n,n') Level

62-Sm-130

293 Kelvin Cross Sections

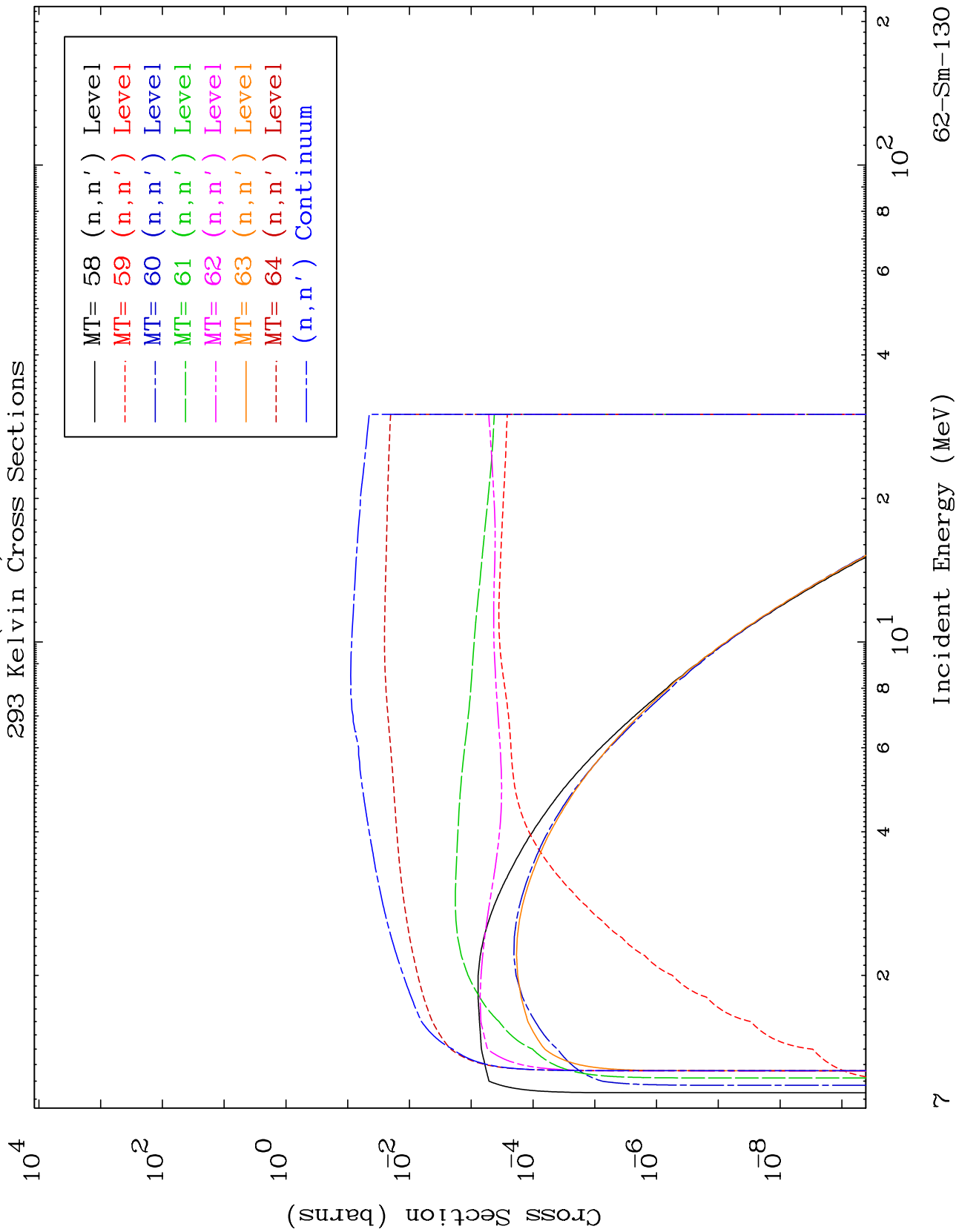


MAT 6183

(n,n') Level

293 Kelvin Cross Sections

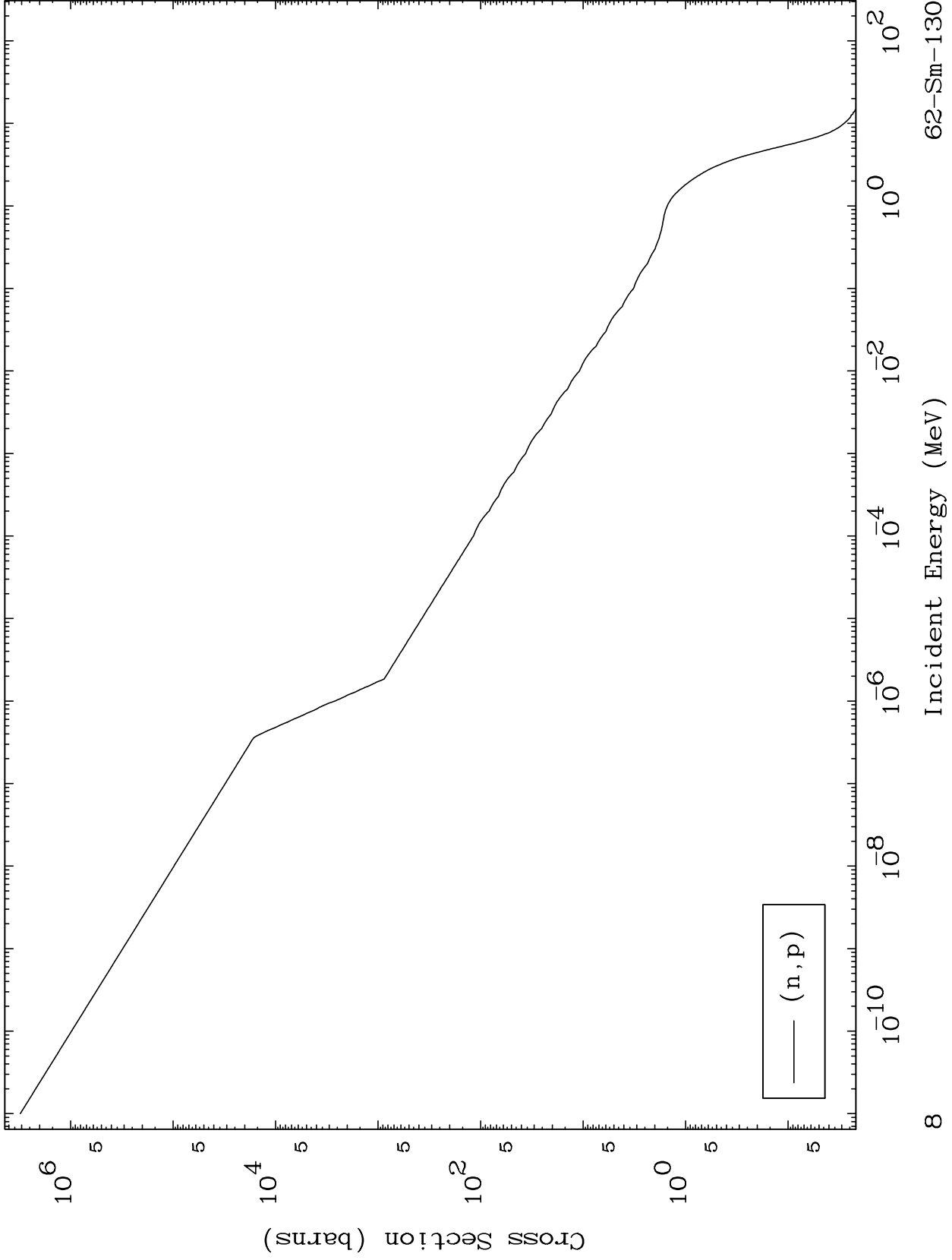
62-Sm-130



MAT 6183

(n,p) Levels
293 Kelvin Cross Sections

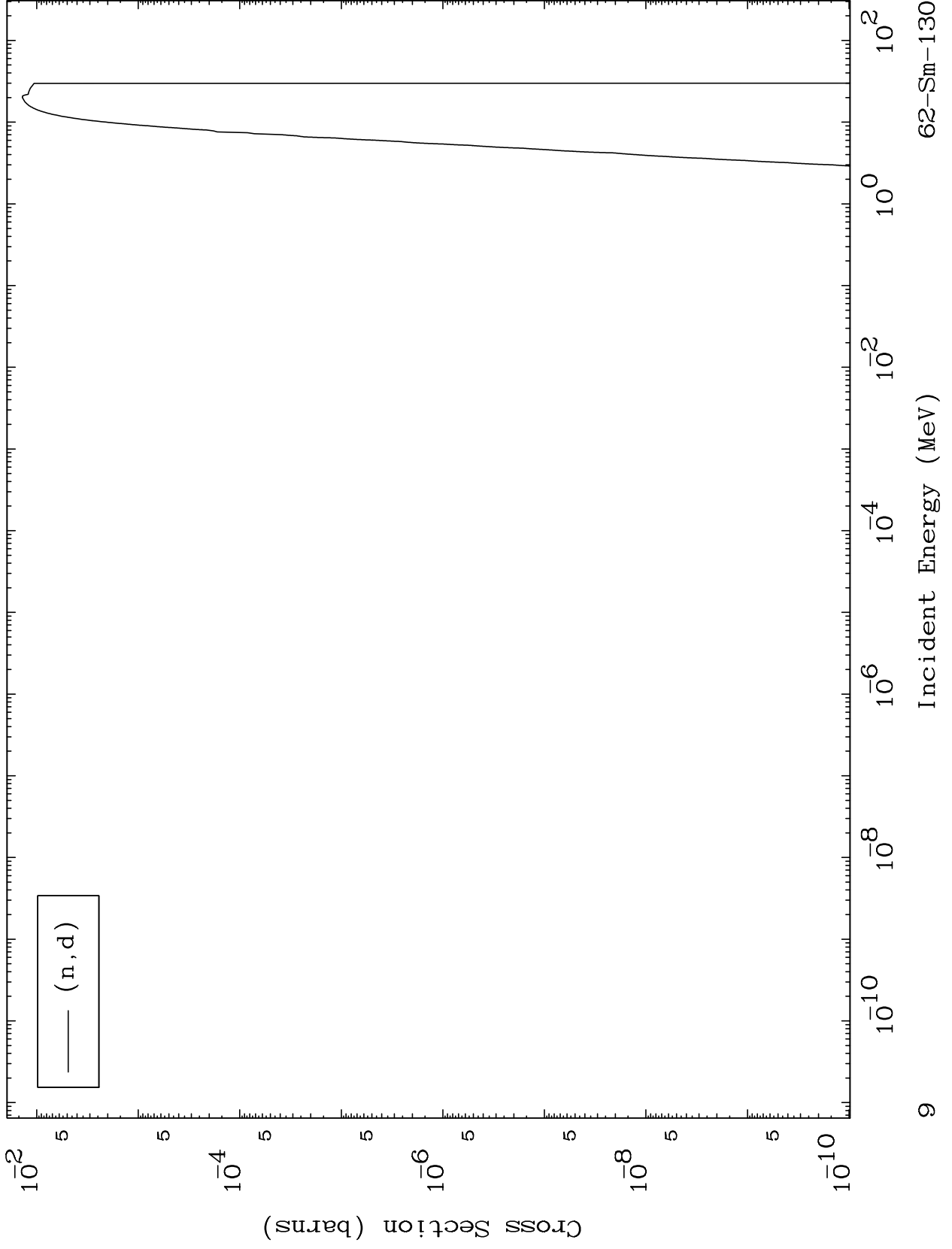
62-Sm-130



MAT 6183

(n,d) Levels
293 Kelvin Cross Sections

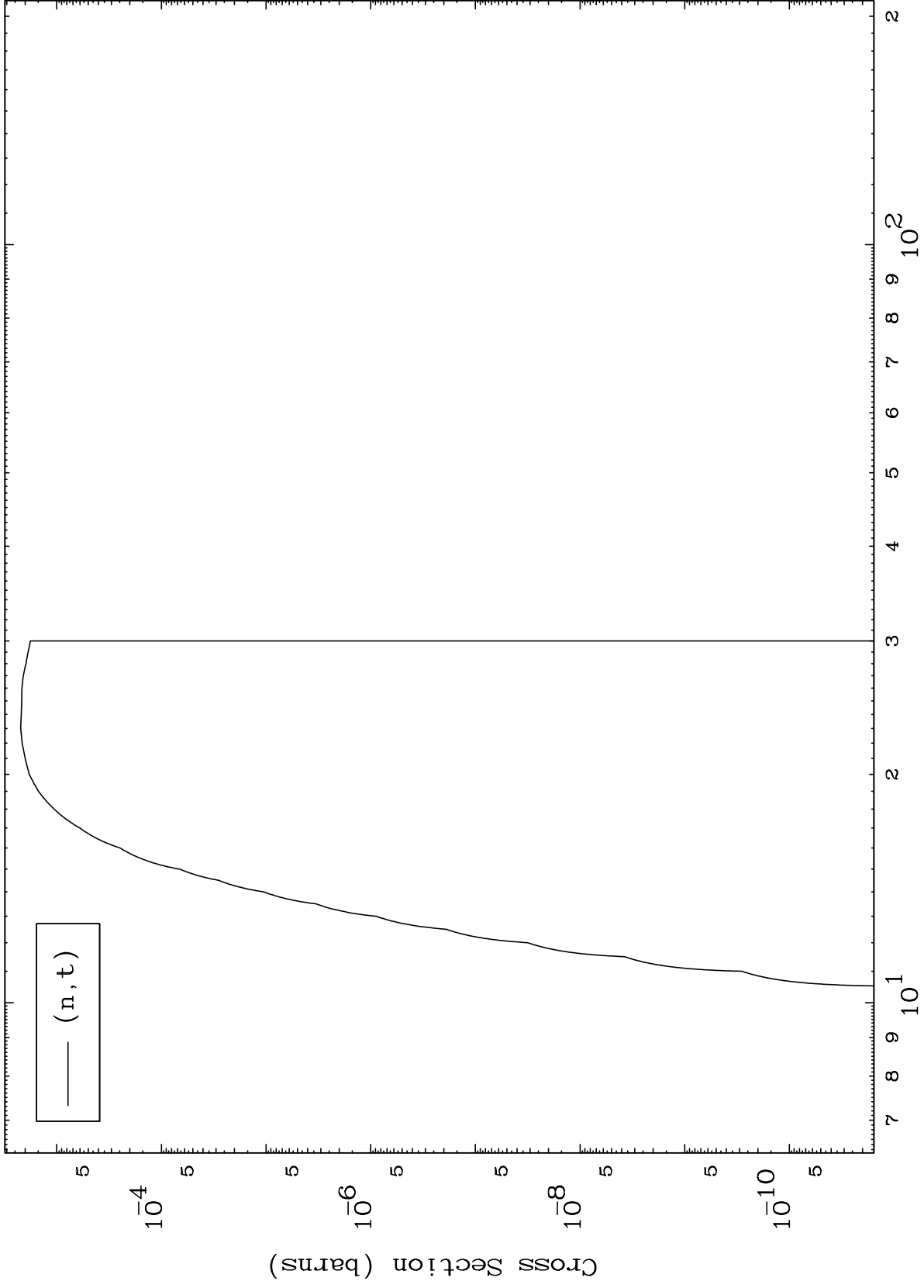
62-Sm-130



MAT 6183

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-130



10

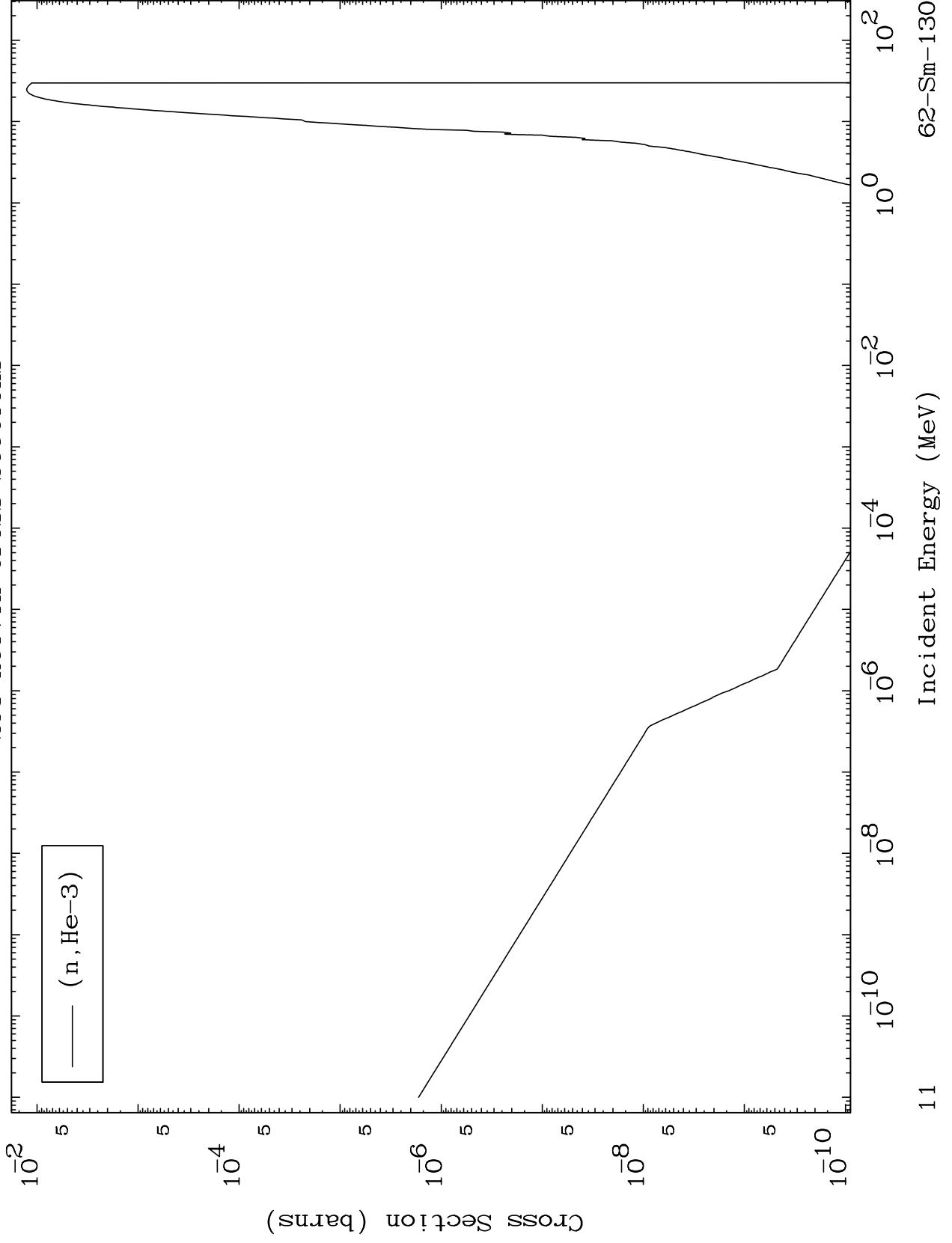
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,He3) Levels
293 Kelvin Cross Sections

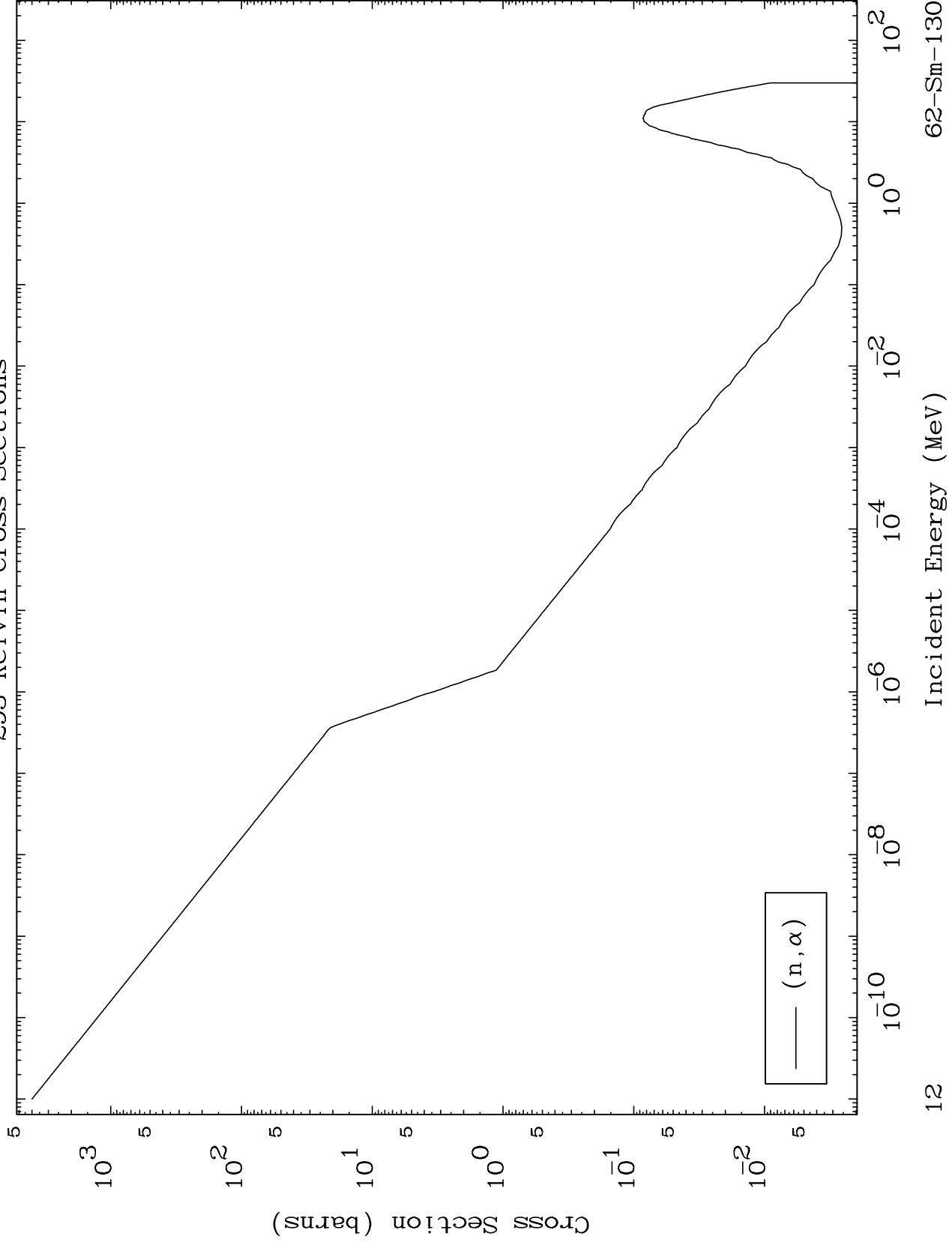
62-Sm-130

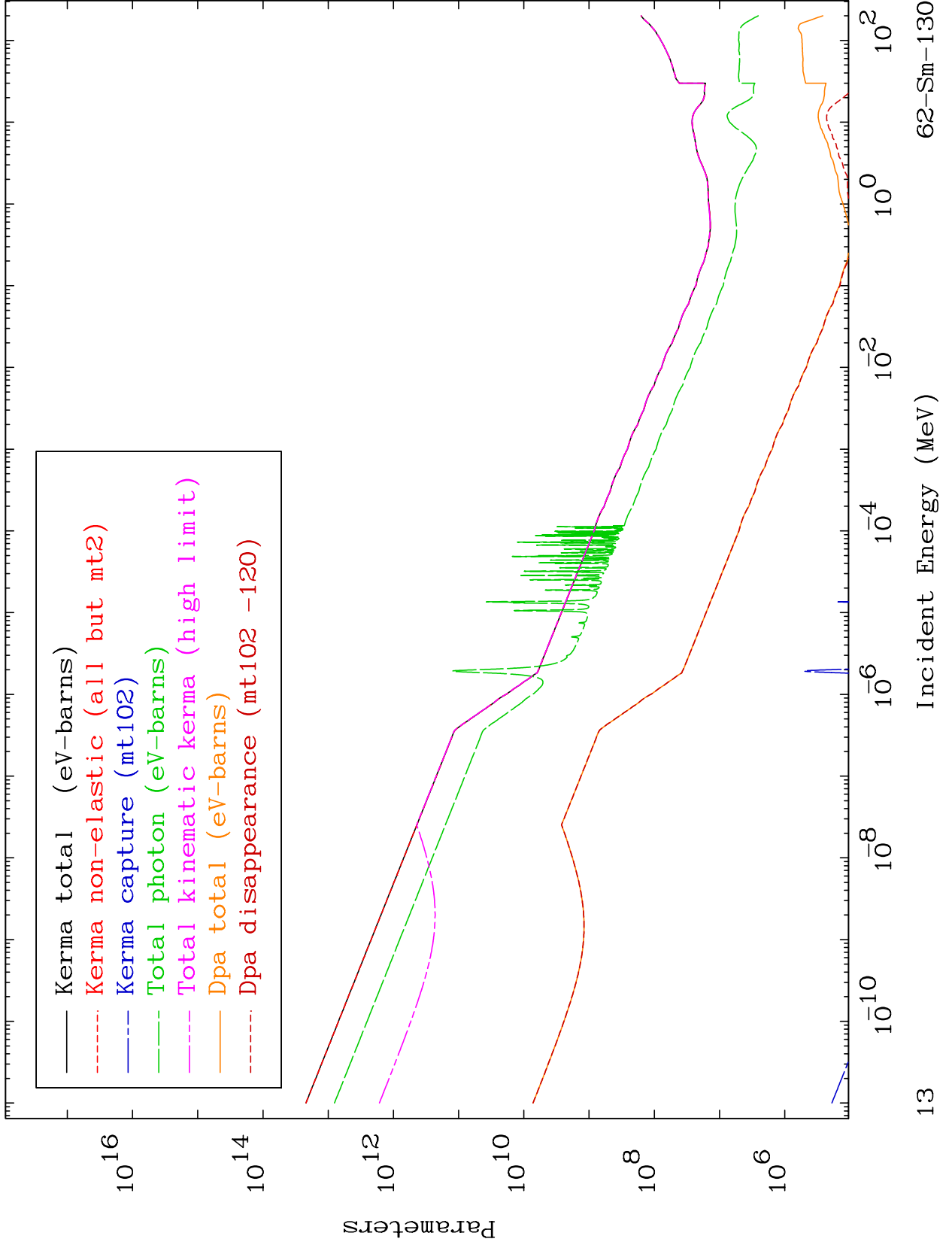


MAT 6183

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-130

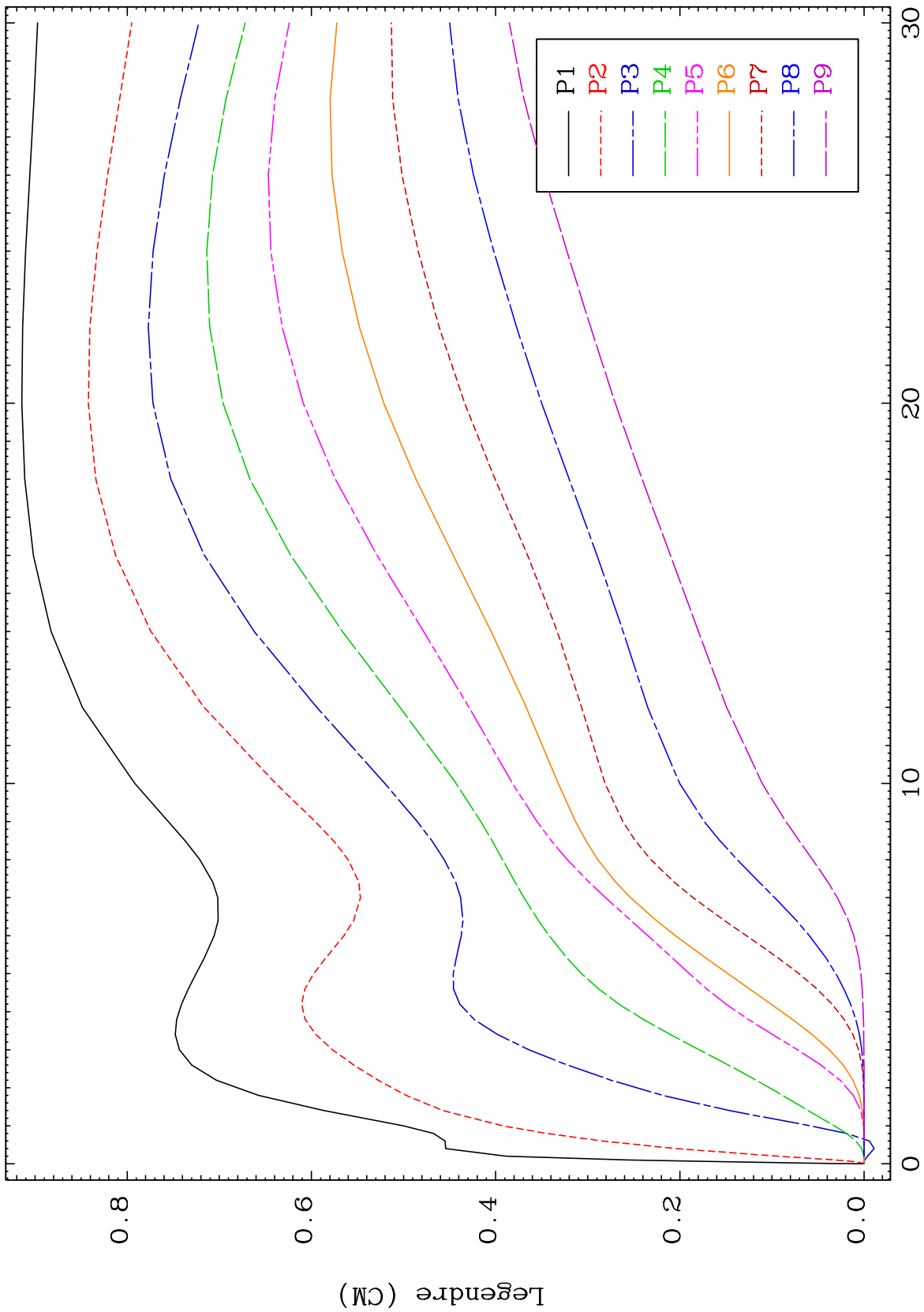




MAT 6183

62-Sm-130

Elastic Legendre Coefficients



14

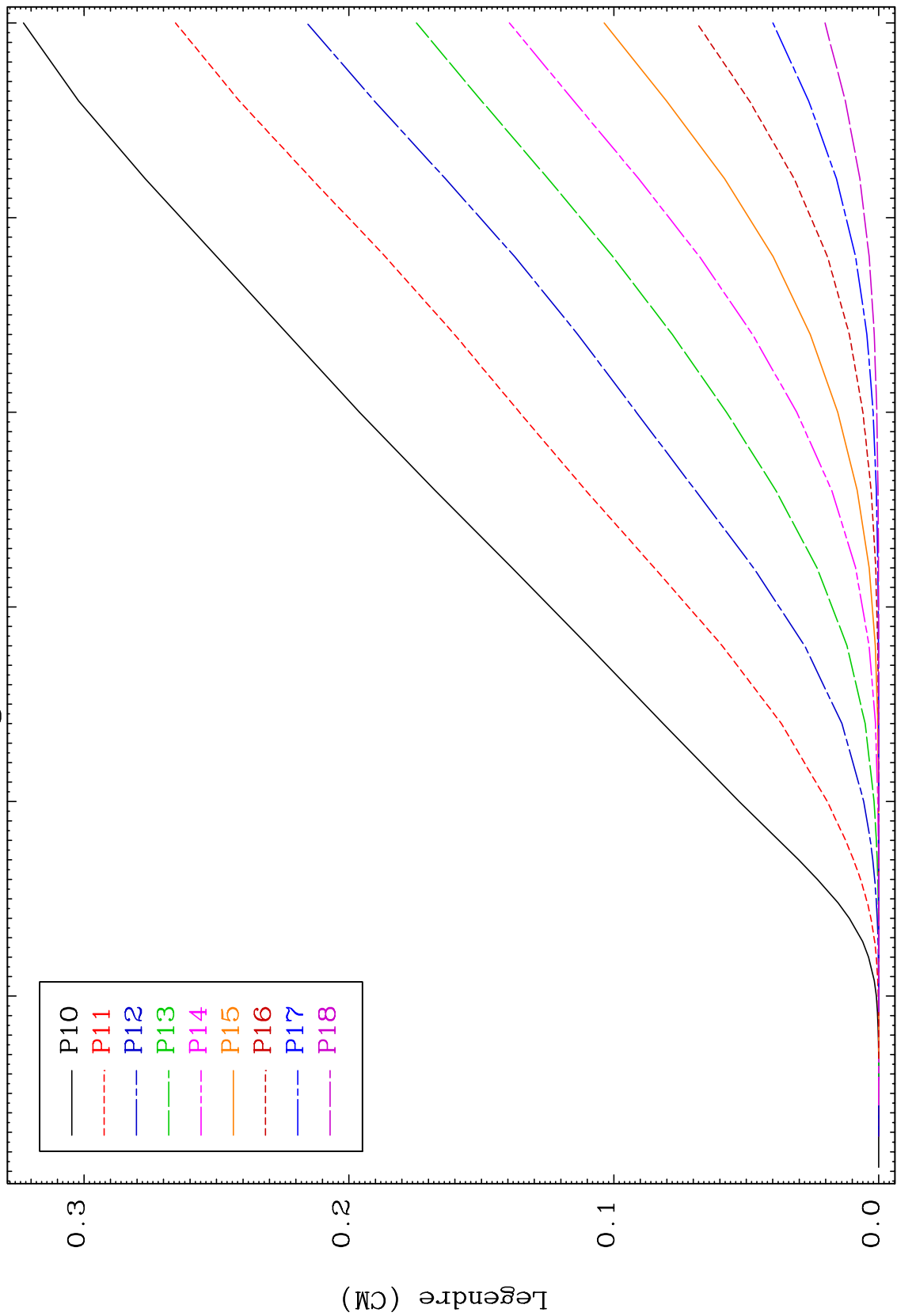
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

62-Sm-130



15

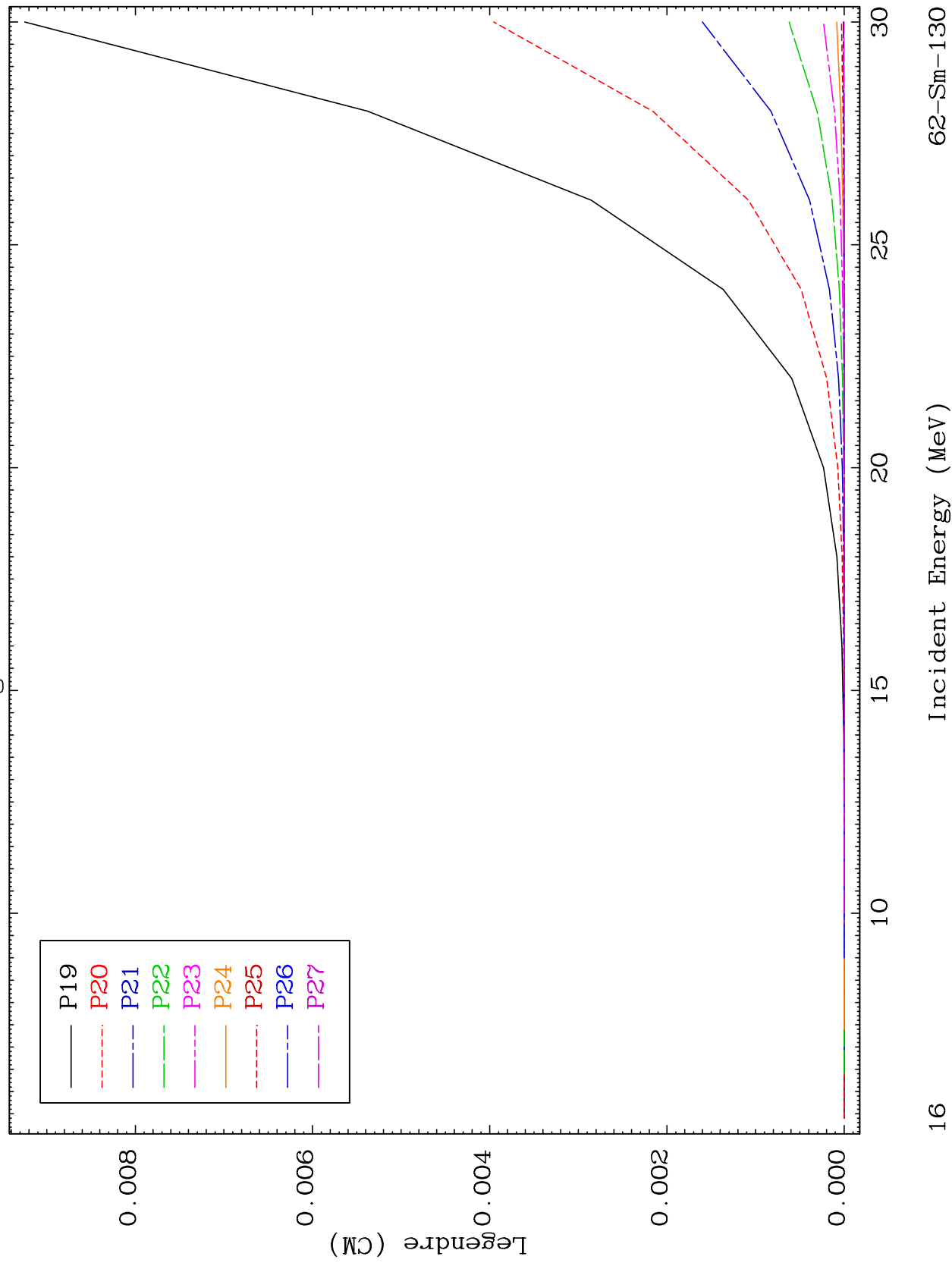
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

62-Sm-130



16

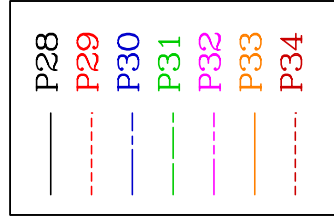
Incident Energy (MeV)

62-Sm-130

MAT 6183

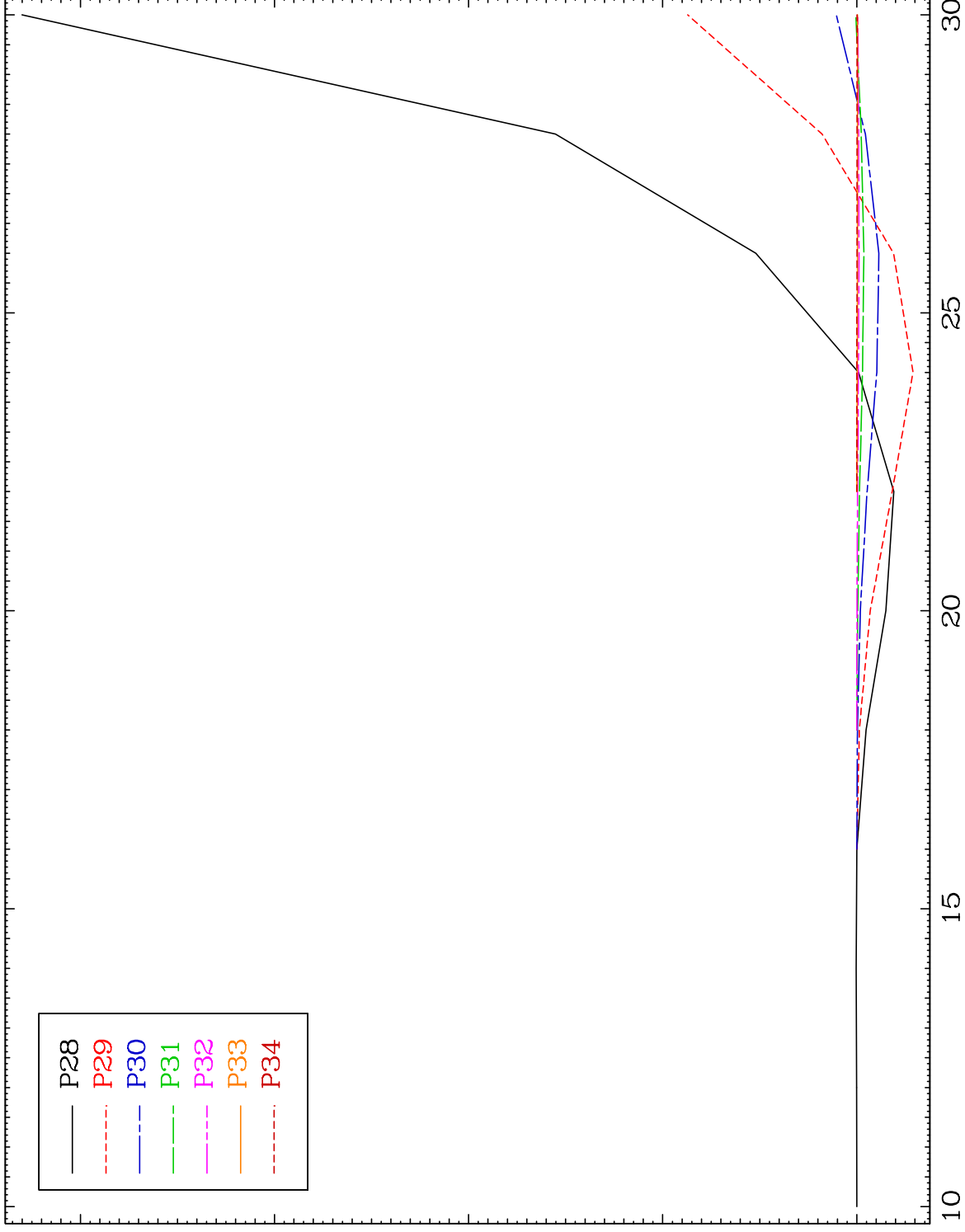
Elastic
Legendre Coefficients

62-Sm-130



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

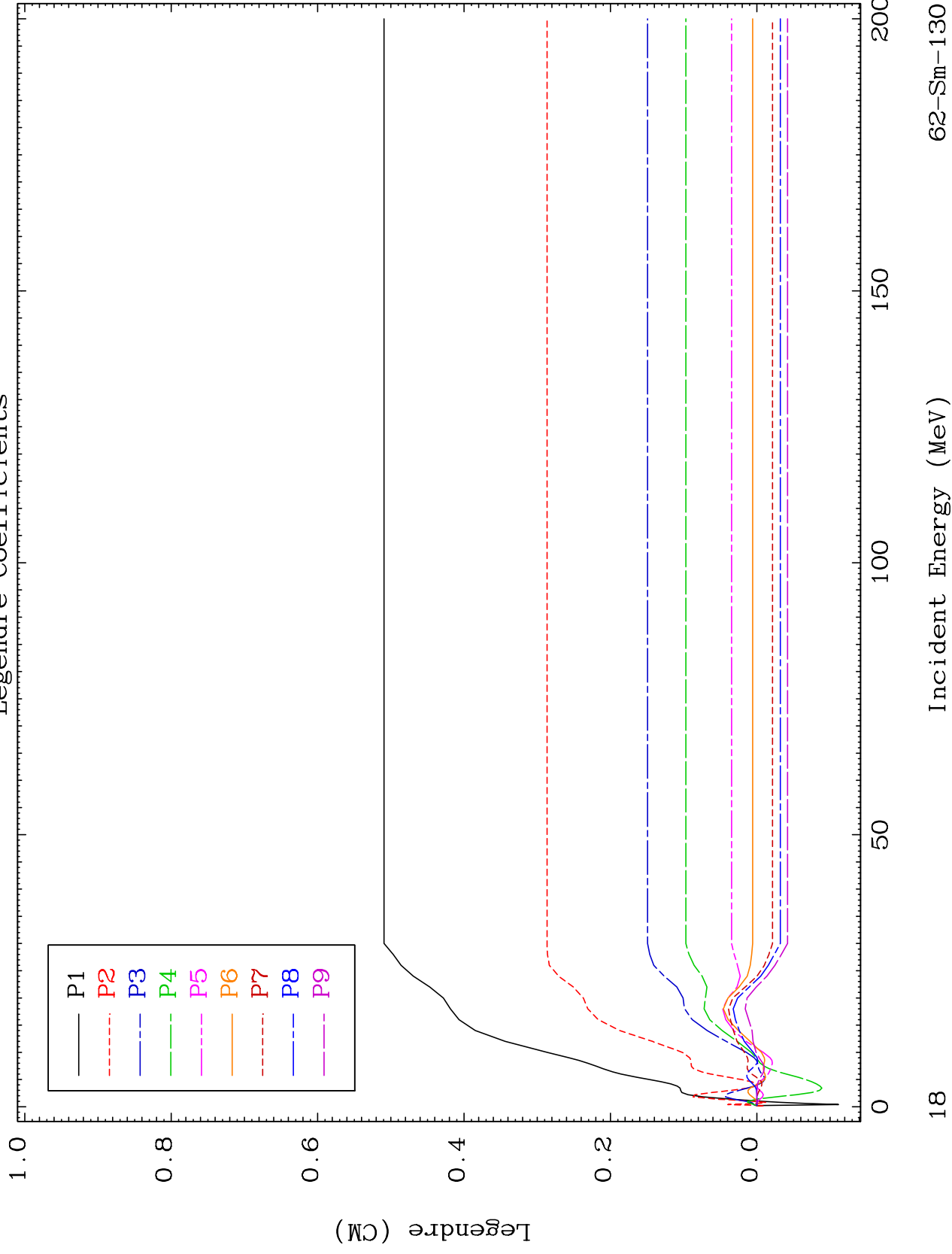
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



18

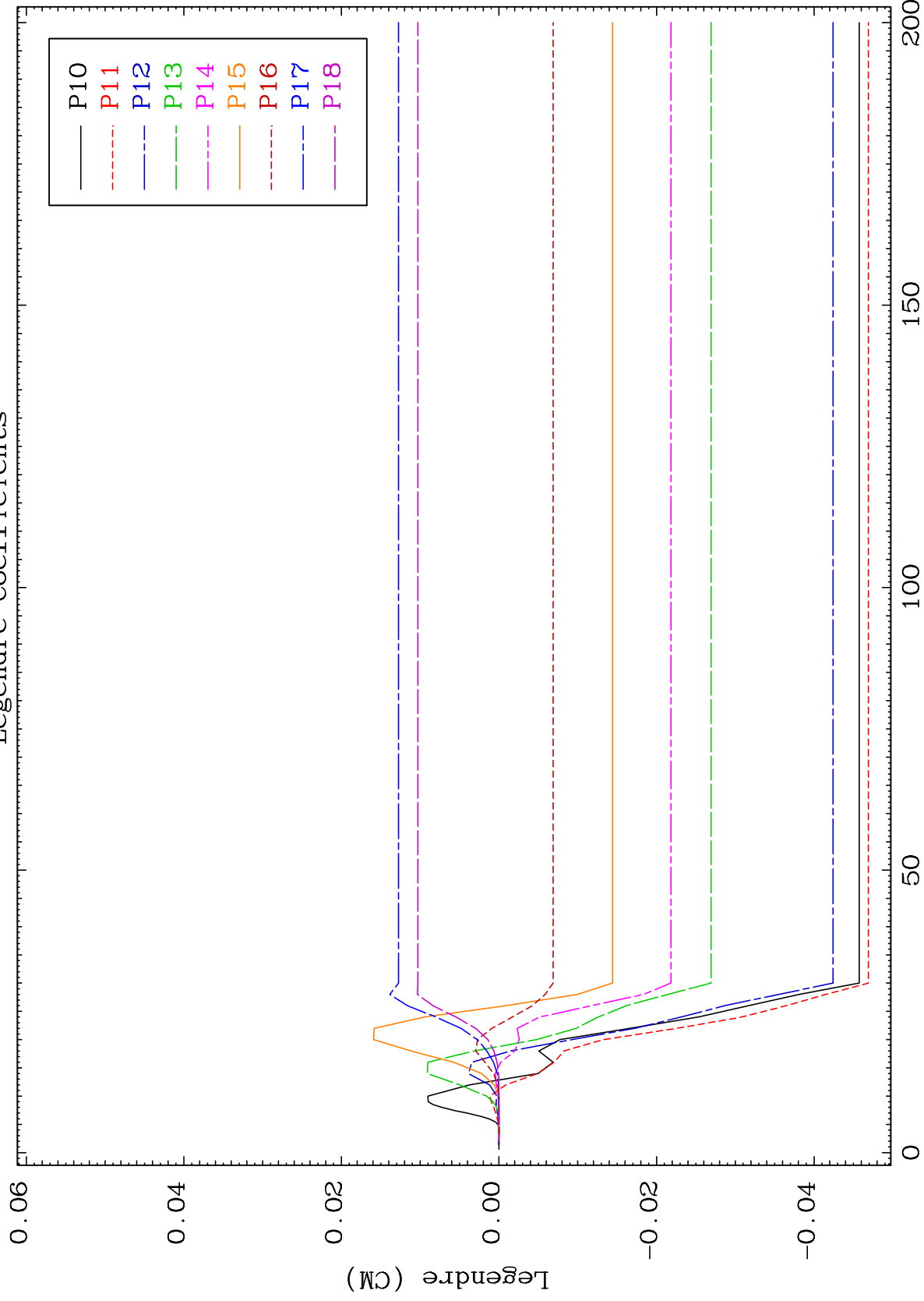
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



19

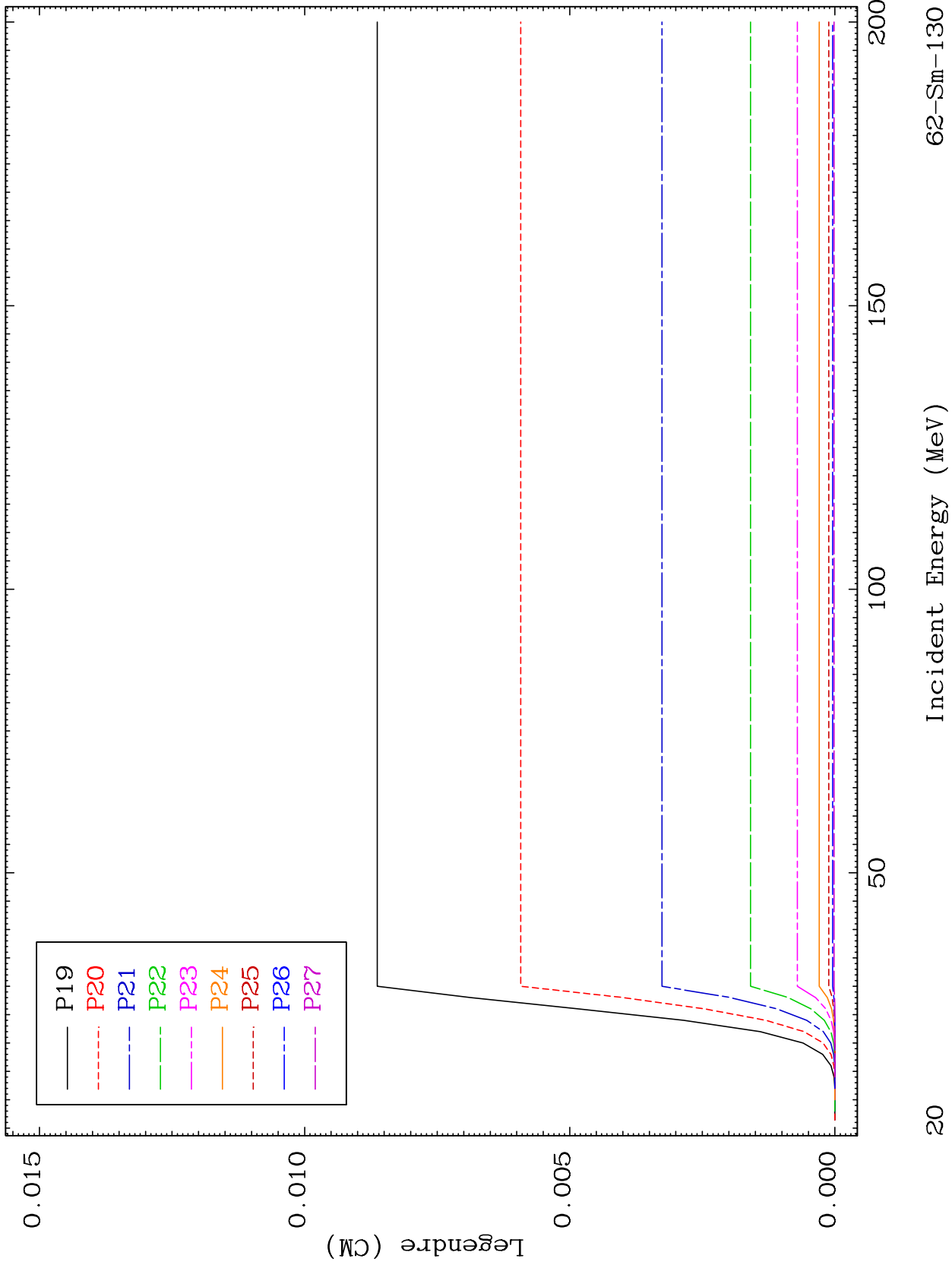
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



20

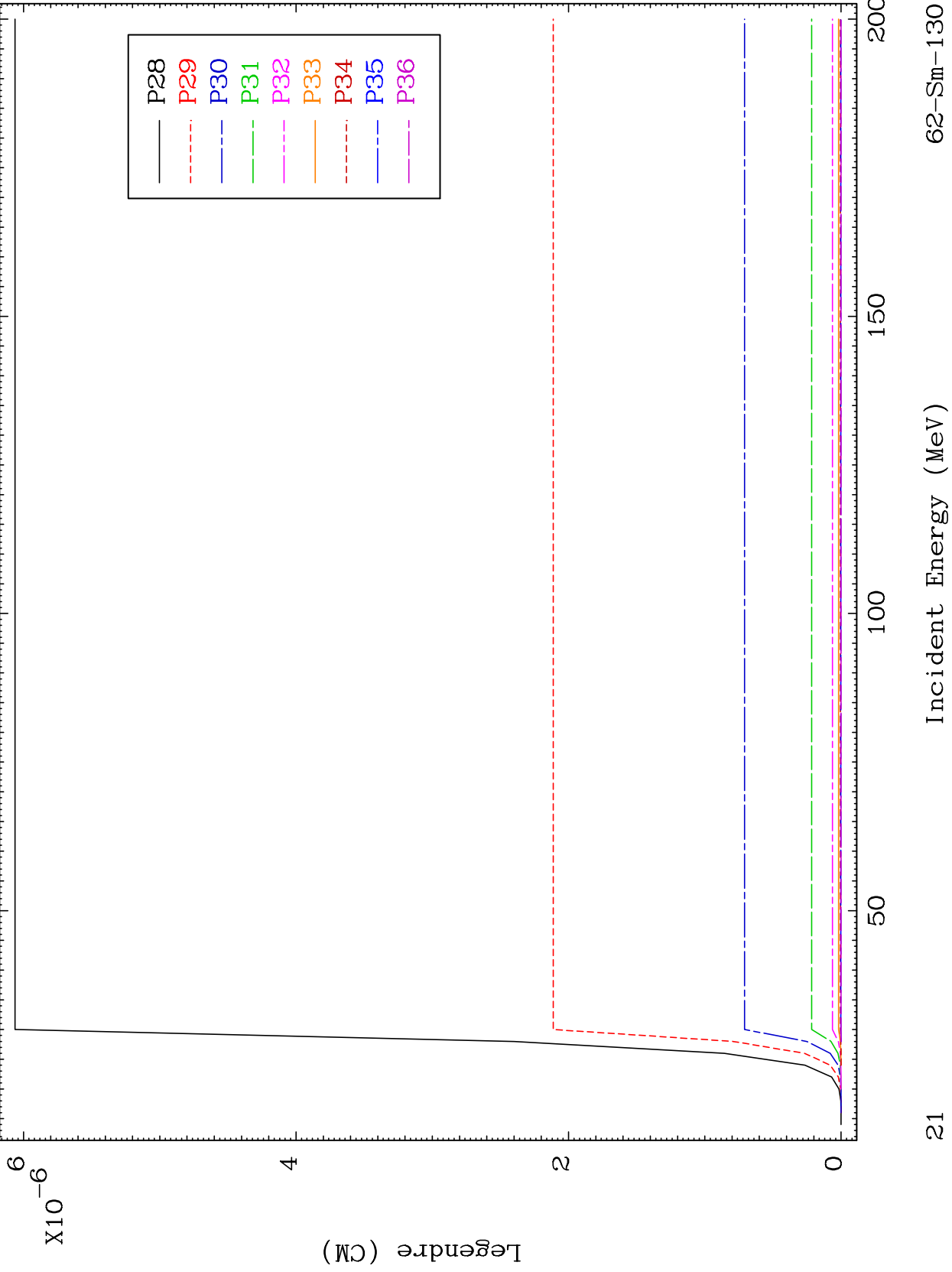
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



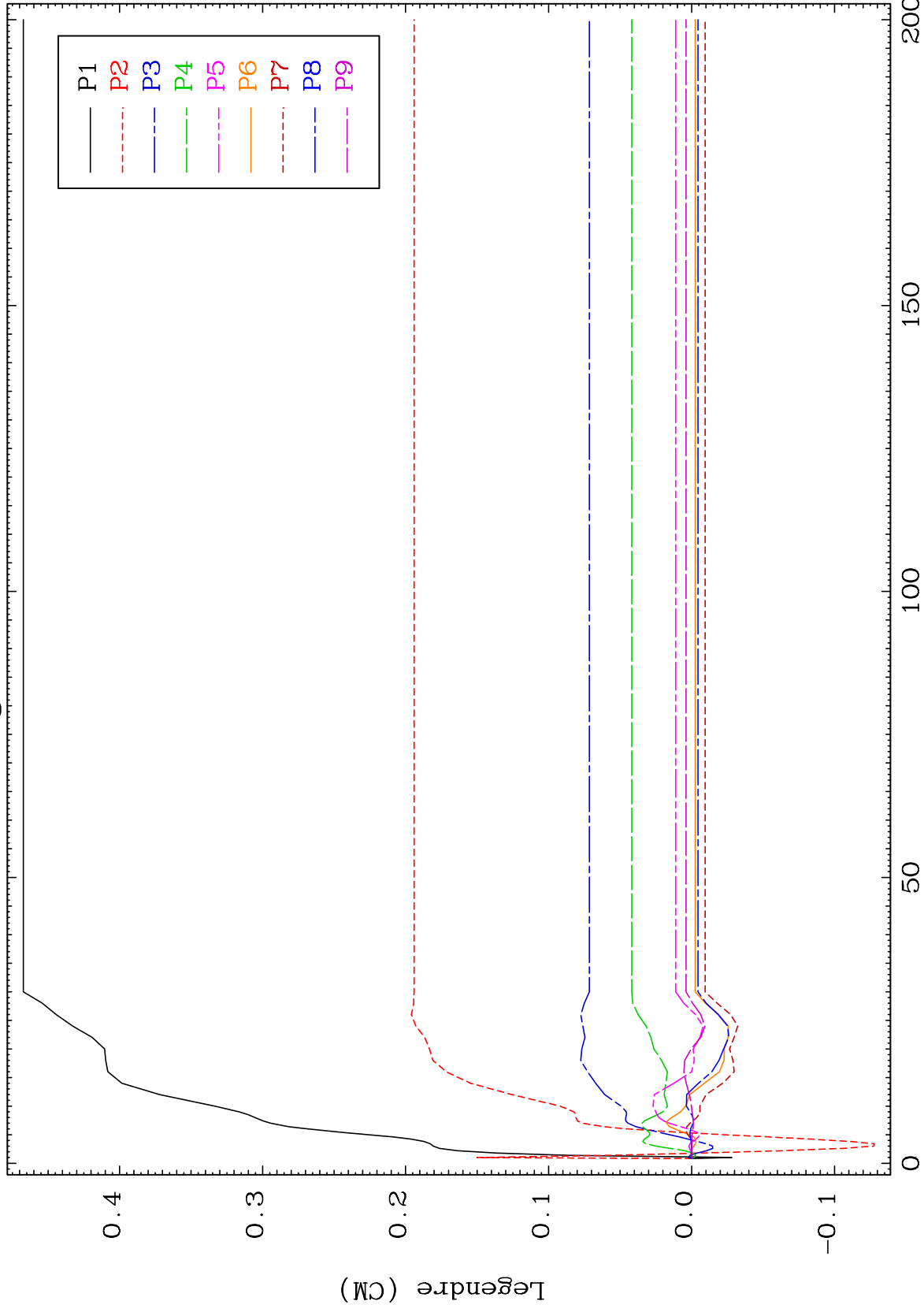
21

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

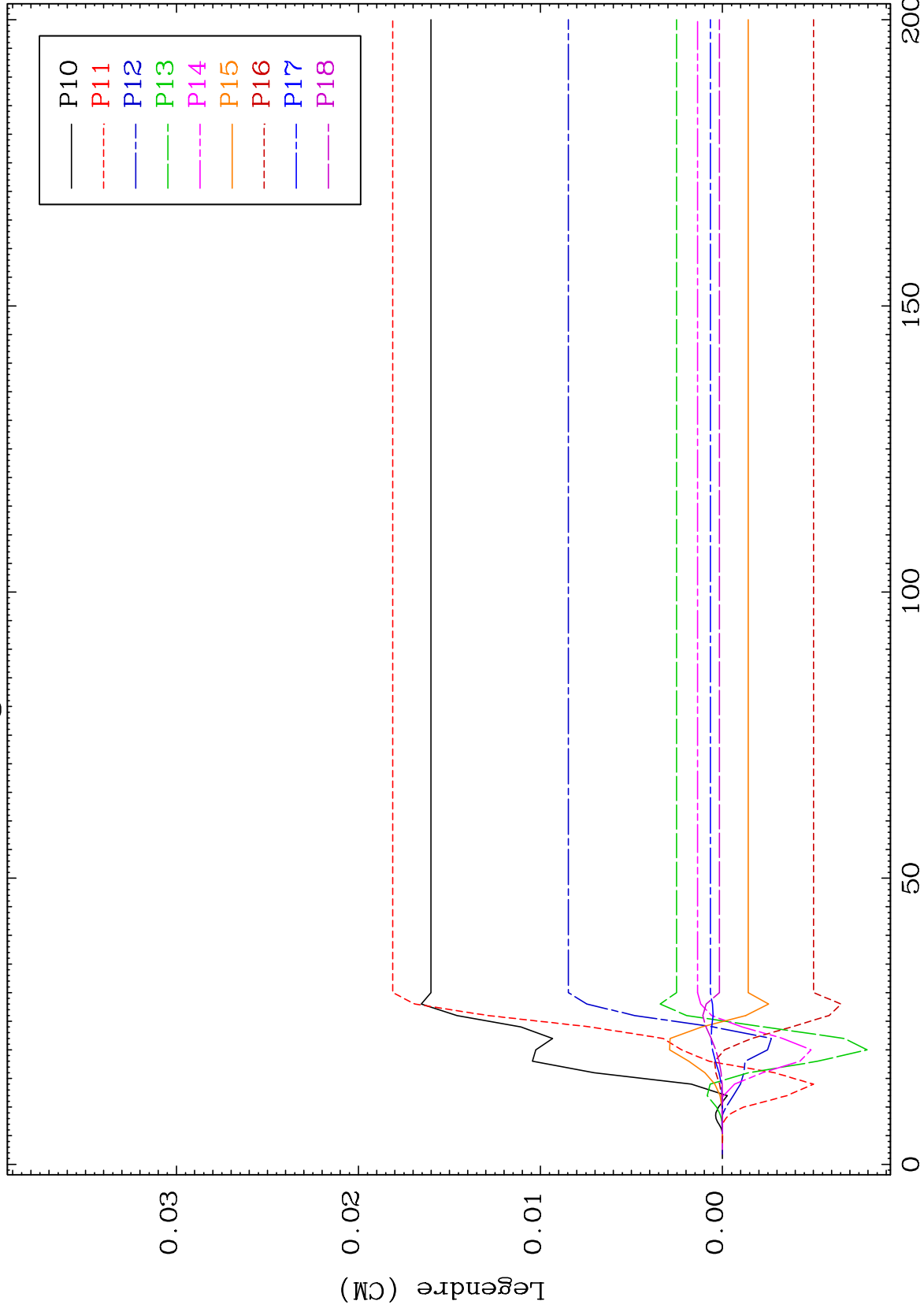
Incident Energy (MeV)

22

MAT 6183

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

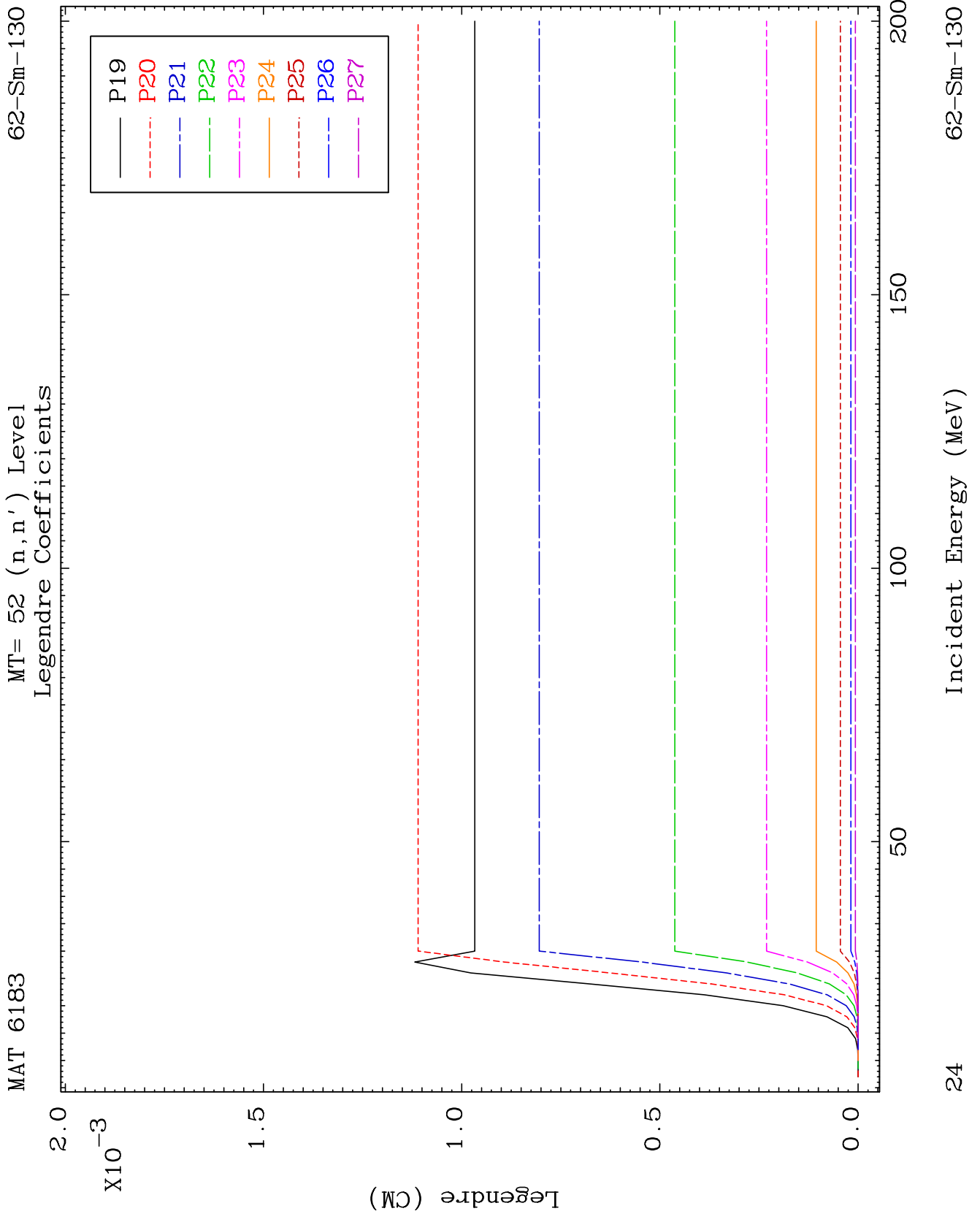
62-Sm-130



23

Incident Energy (MeV)

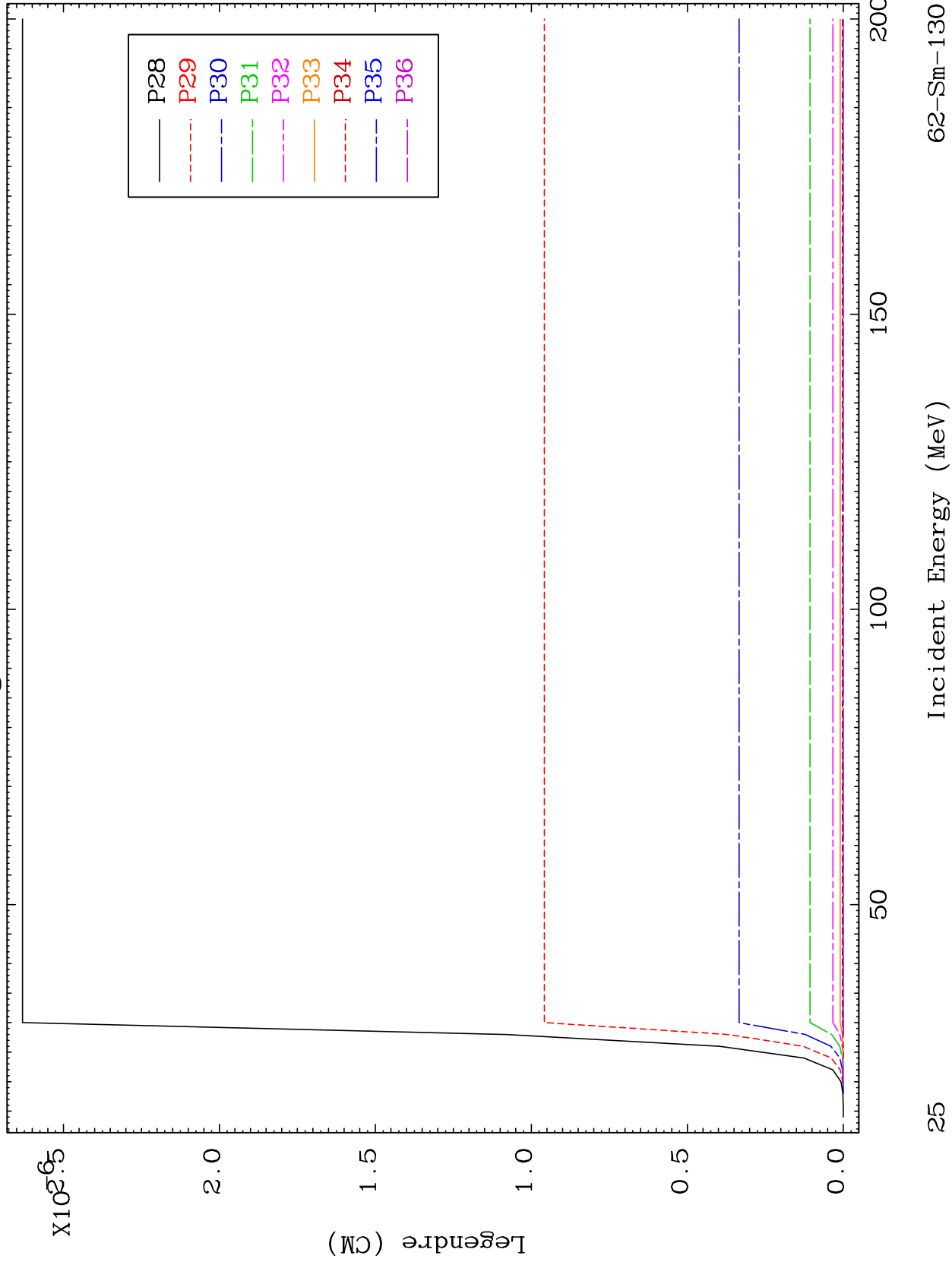
62-Sm-130



MAT 6183

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

62-Sm-130



25

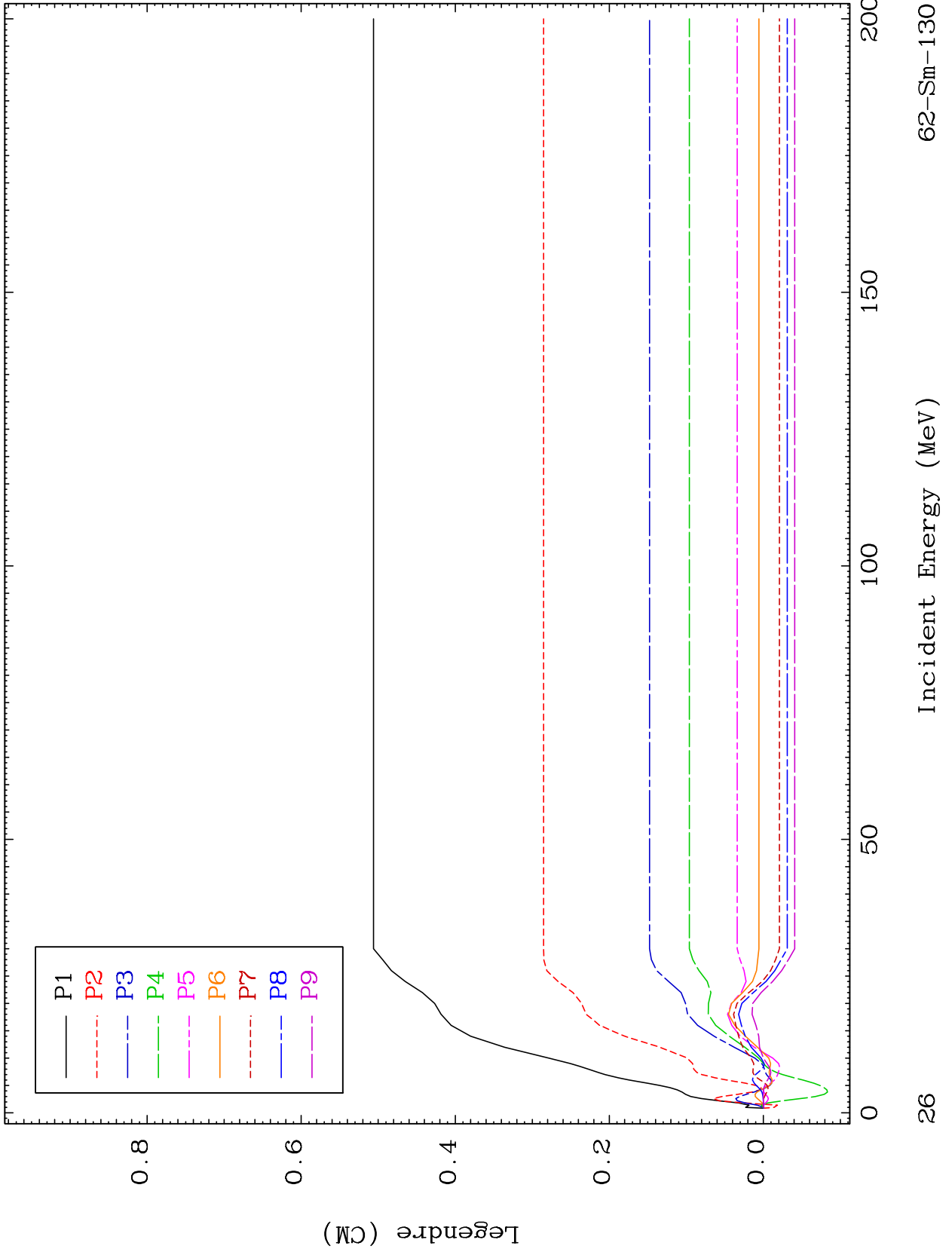
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



26

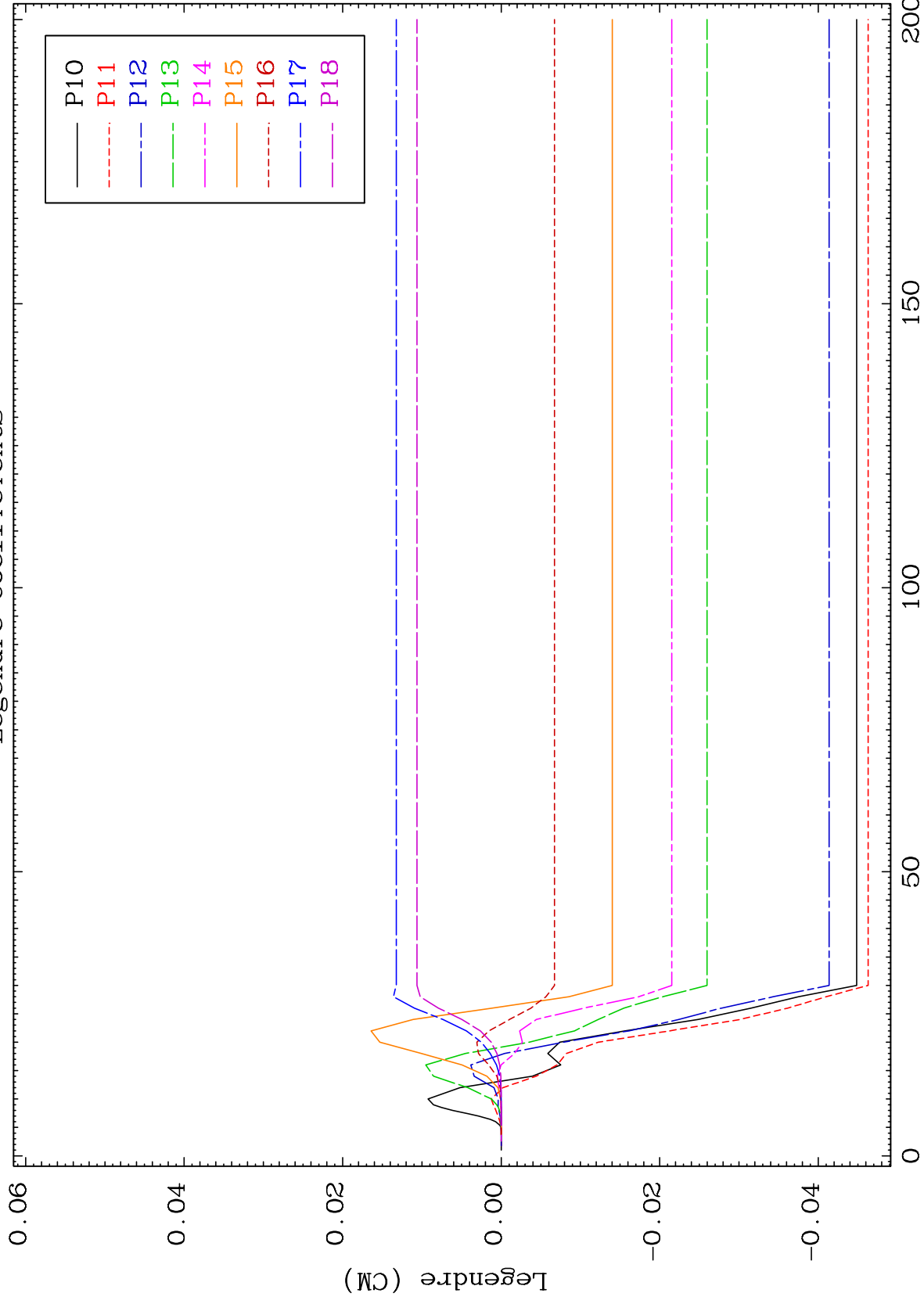
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



27

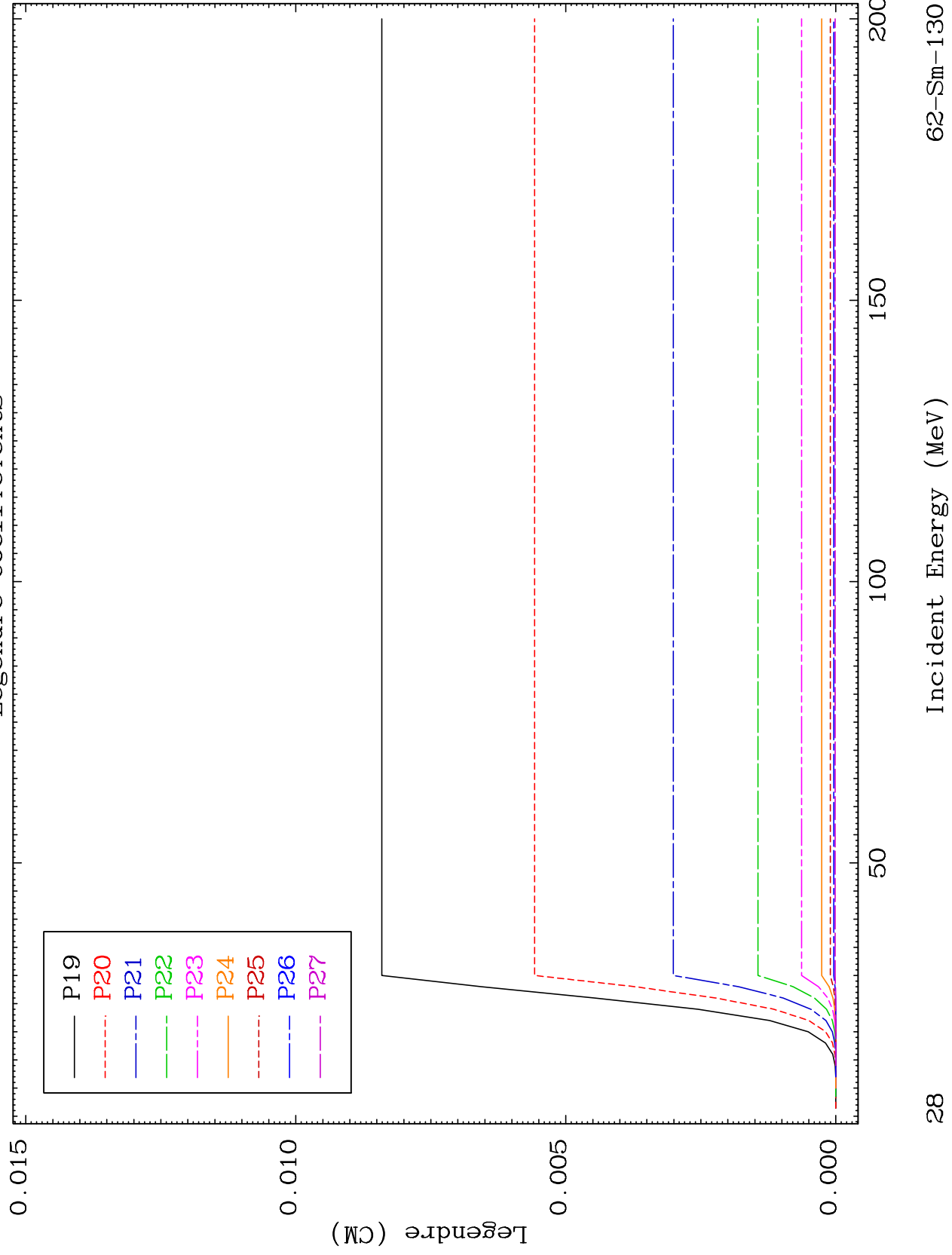
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



28

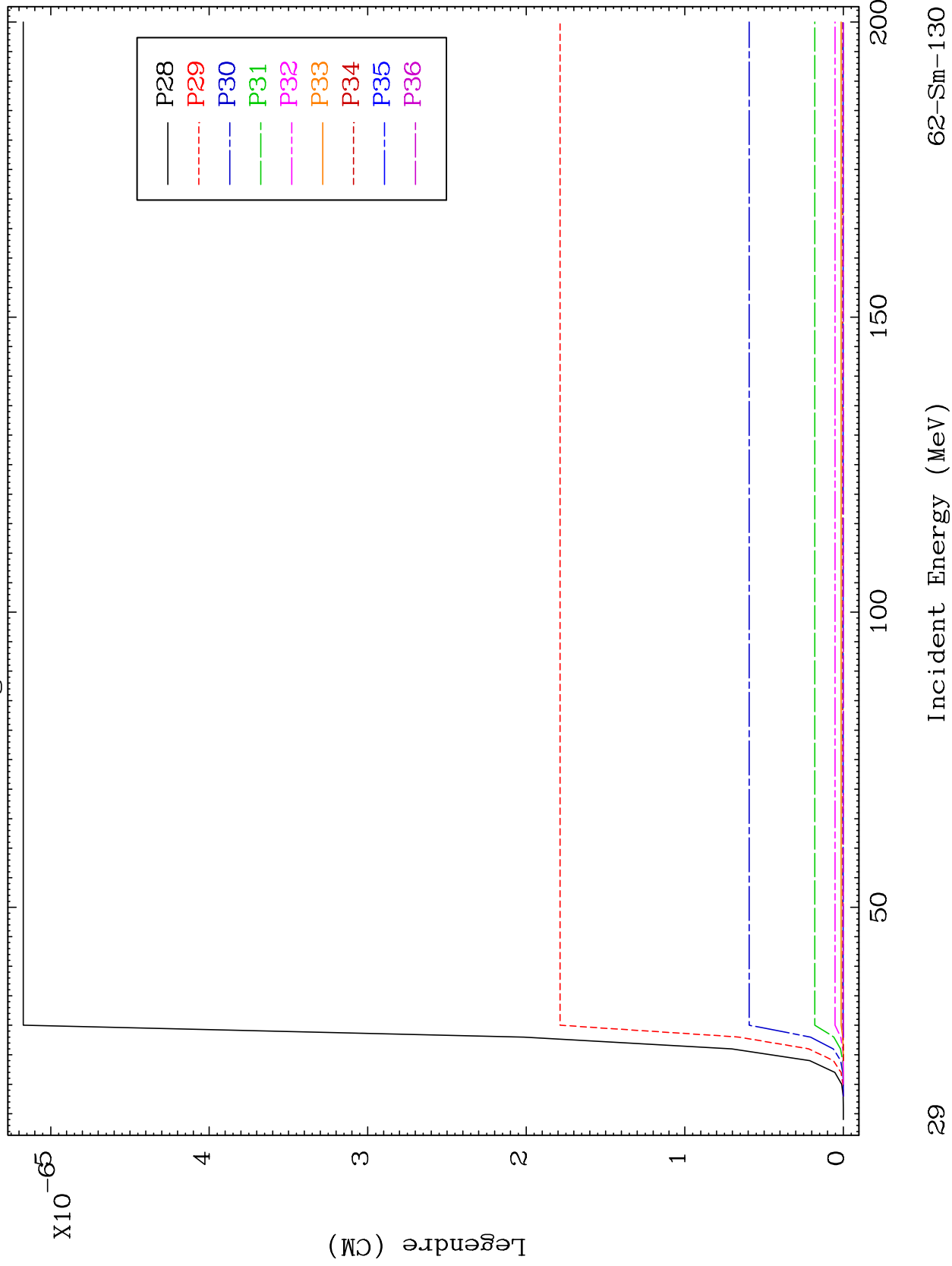
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



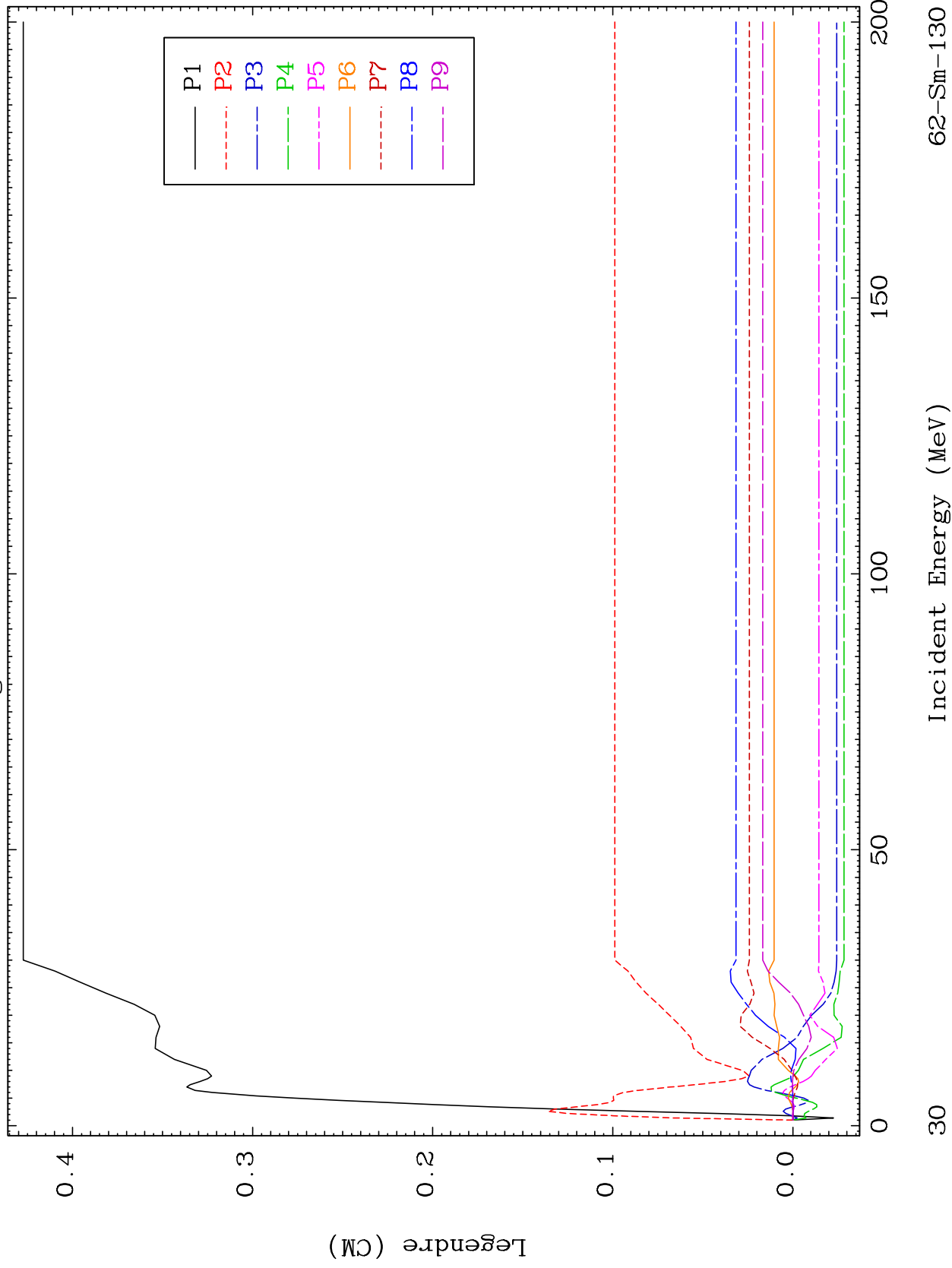
29

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

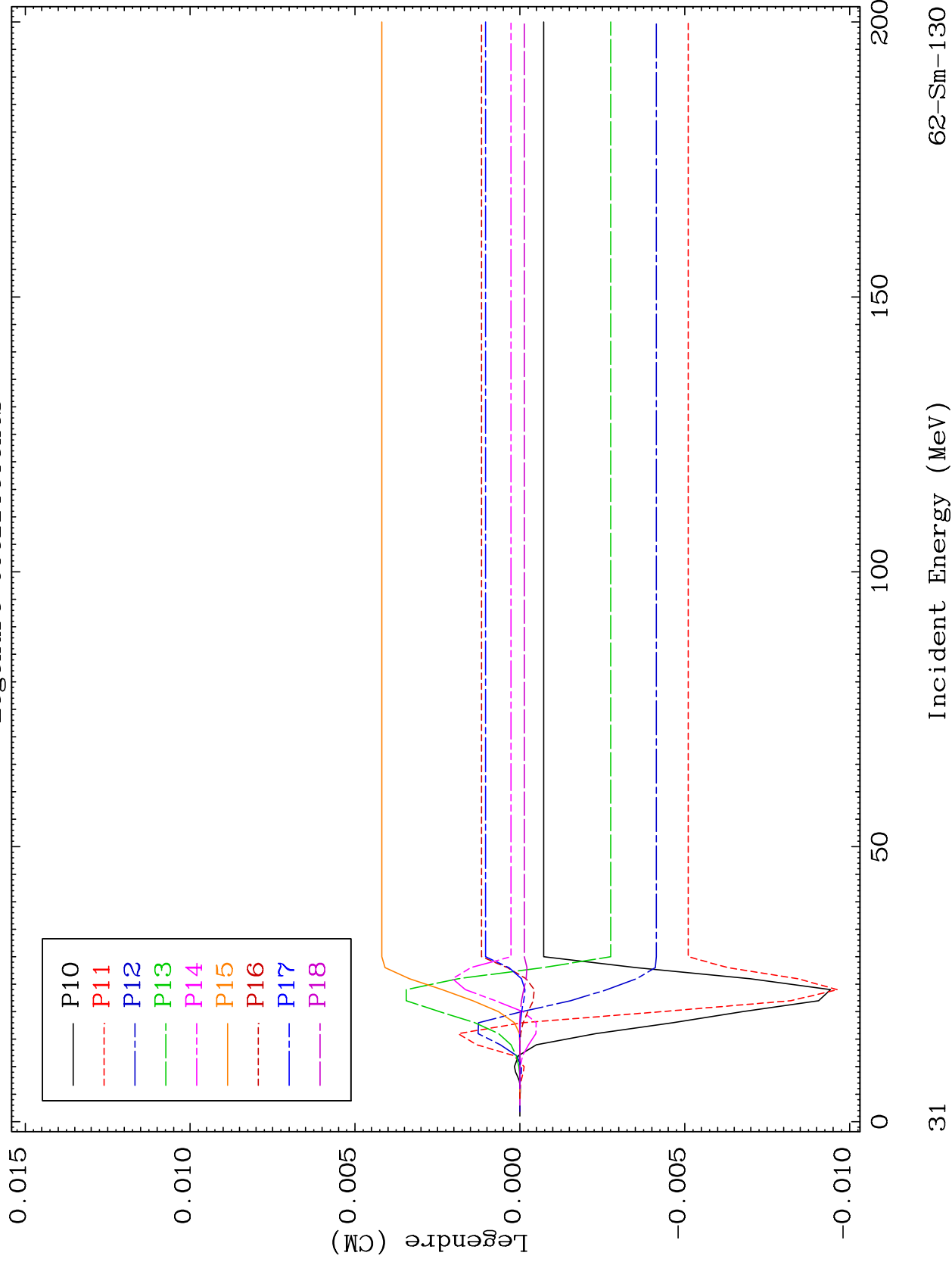
Incident Energy (MeV)

30

MAT 6183

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

62-Sm-130



31

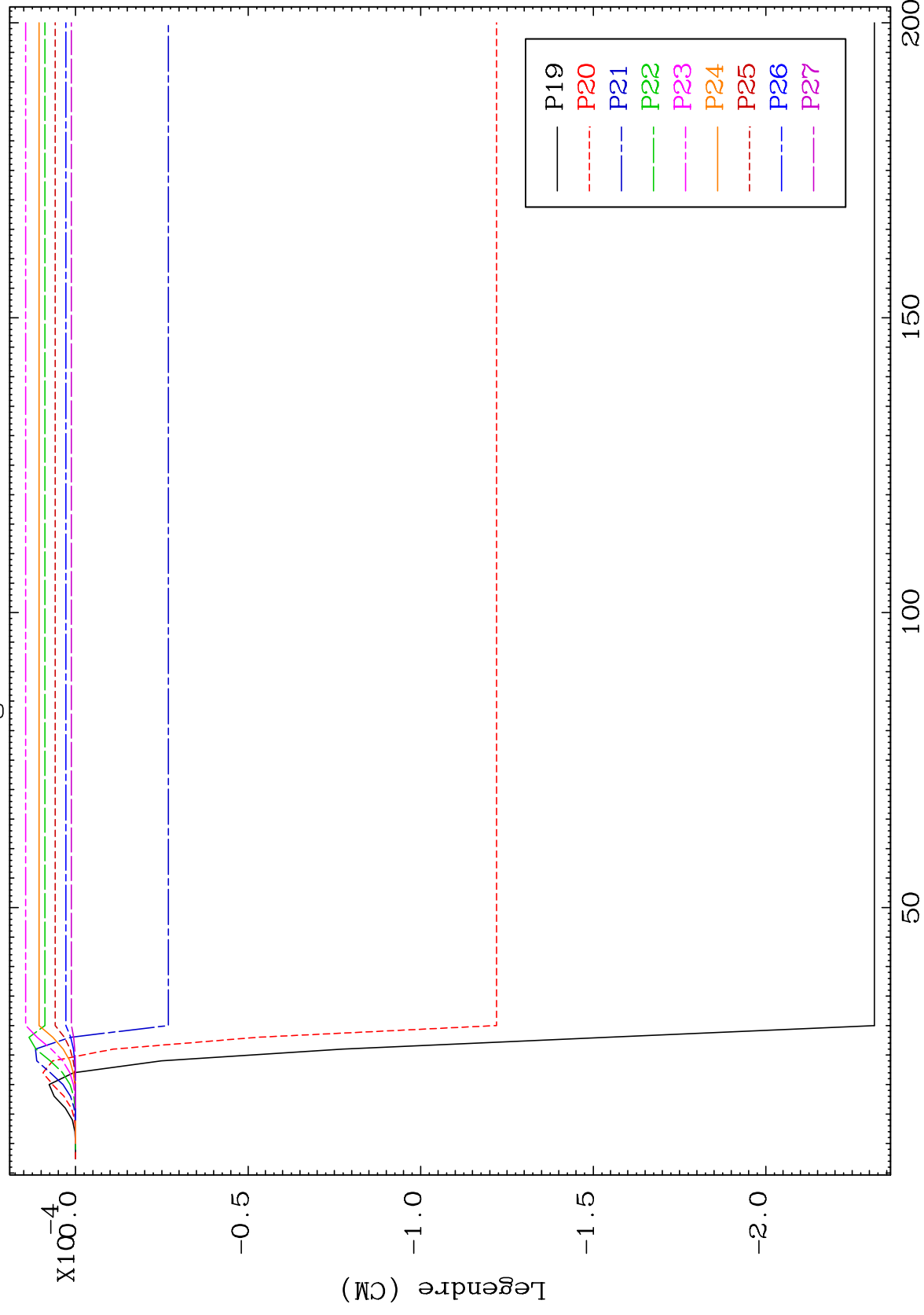
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

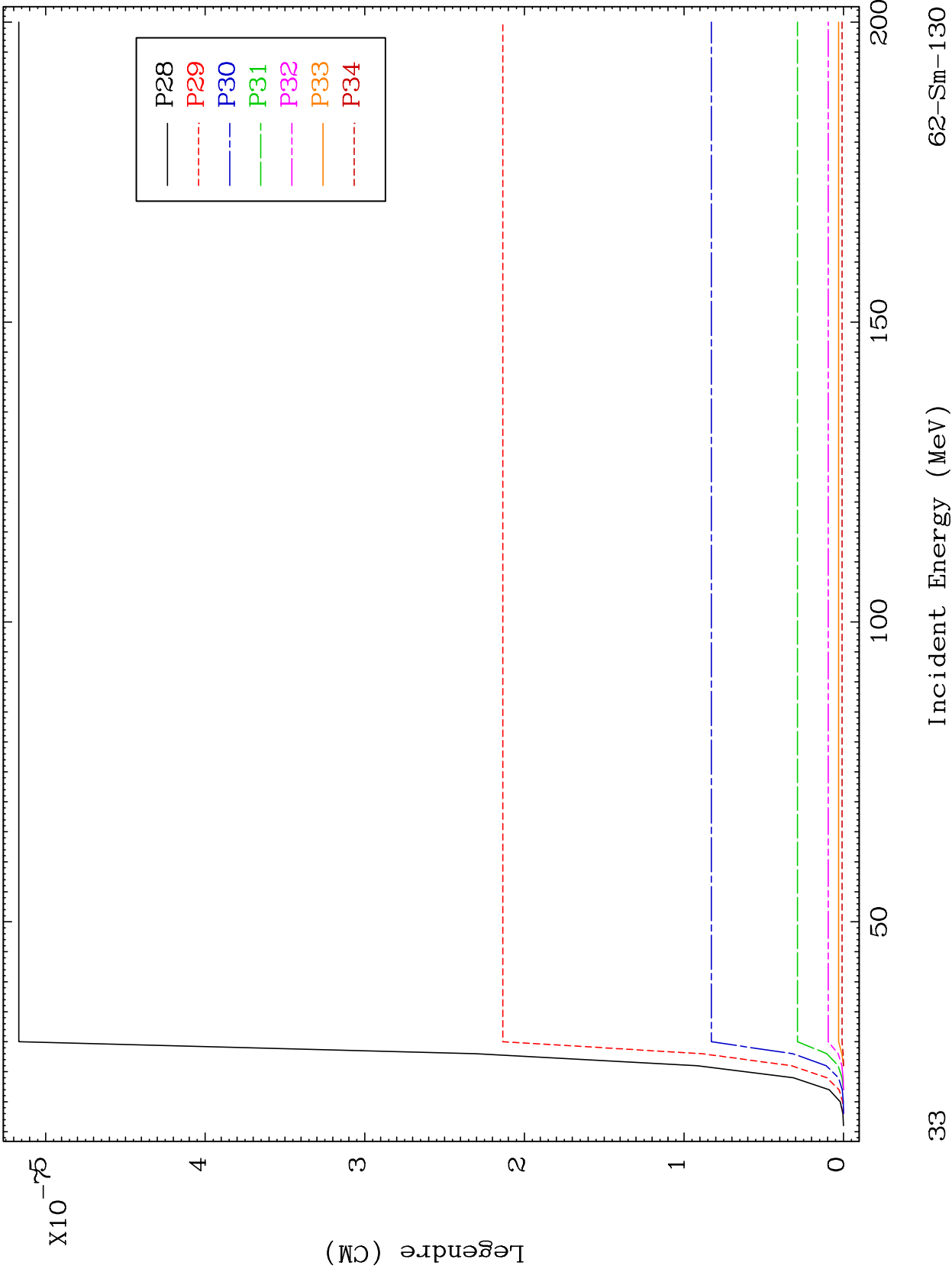
62-Sm-130



MAT 6183

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

62-Sm-130



33

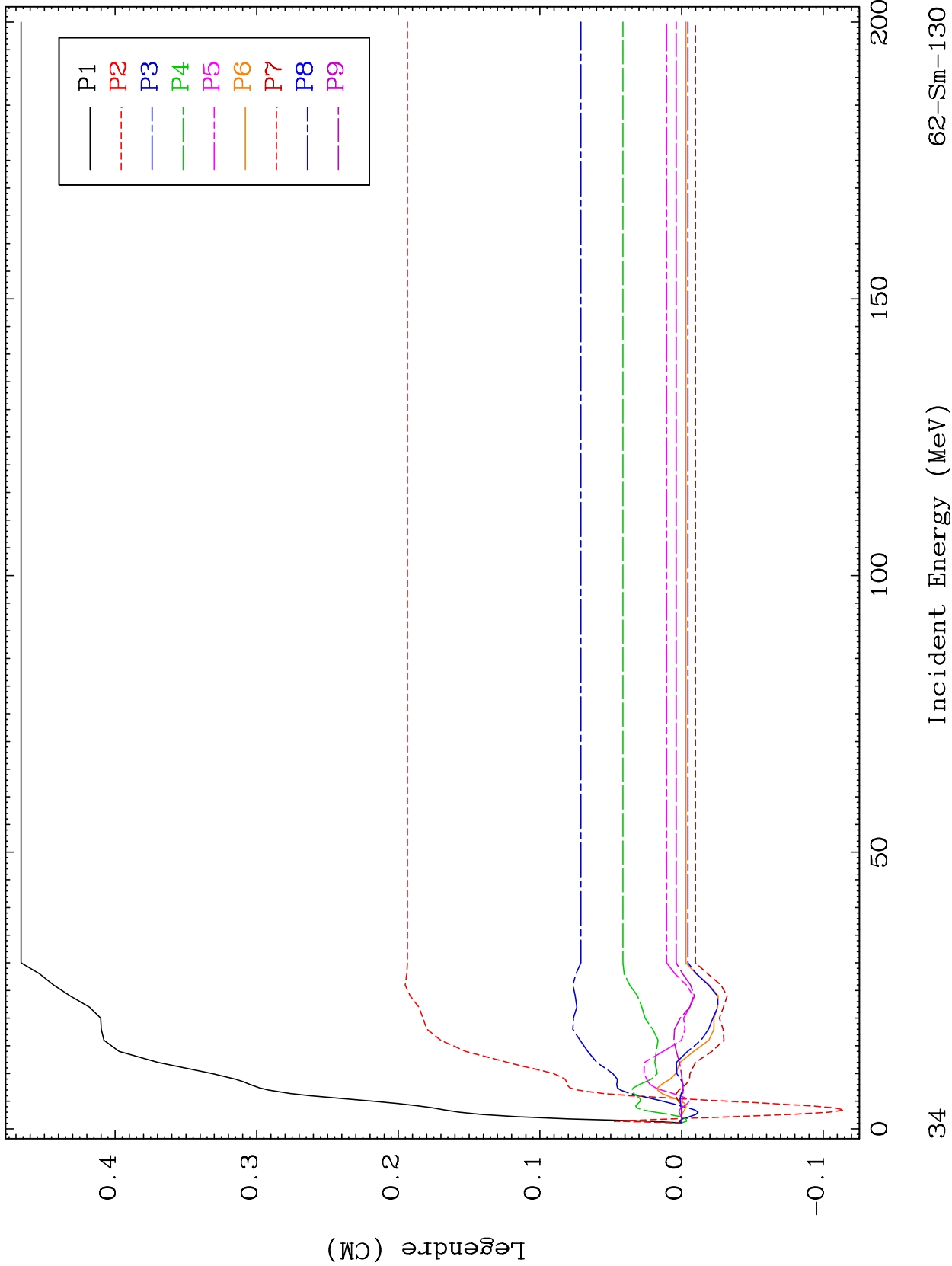
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130

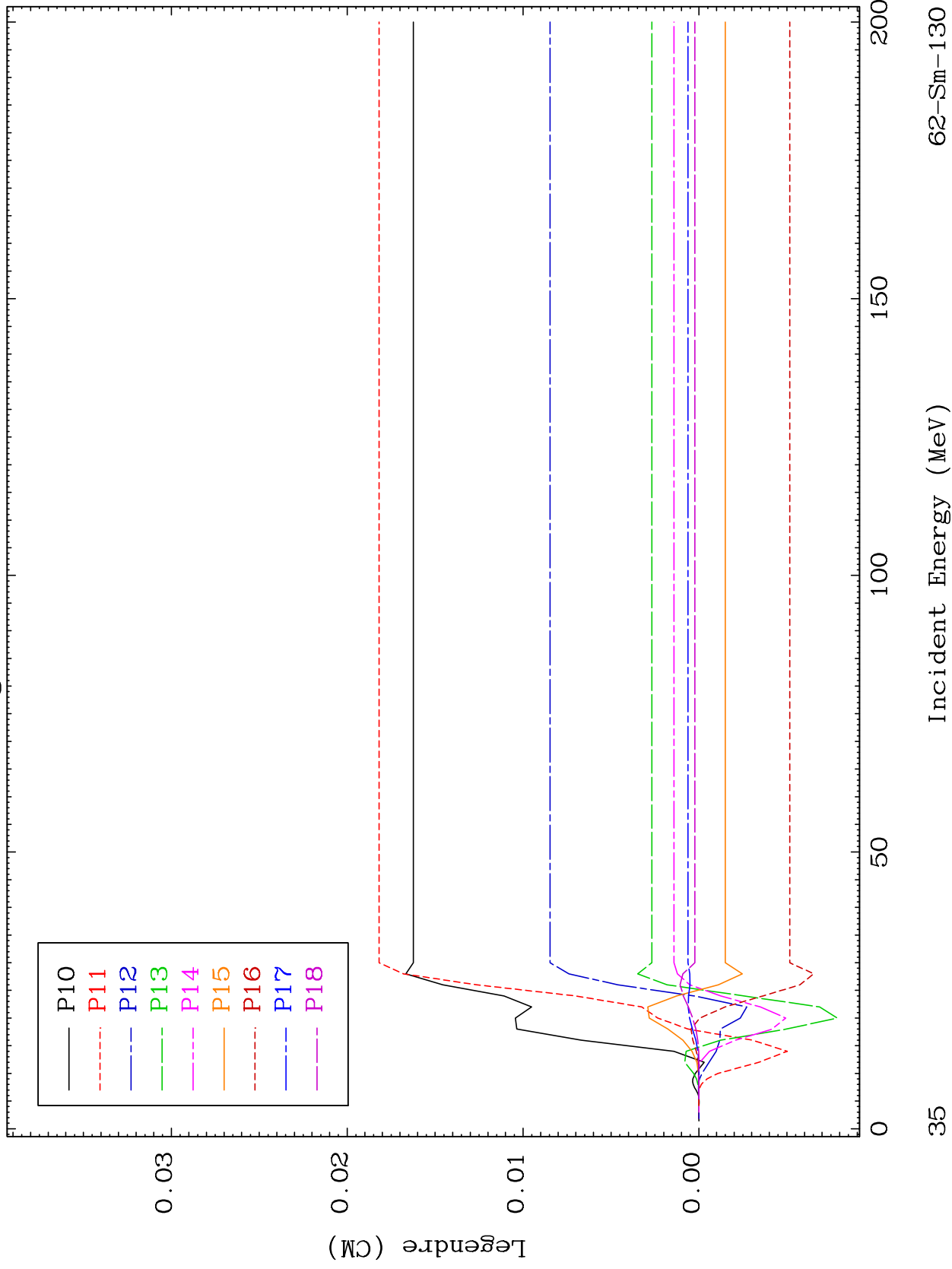


34

MAT 6183

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

62-Sm-130



62-Sm-130

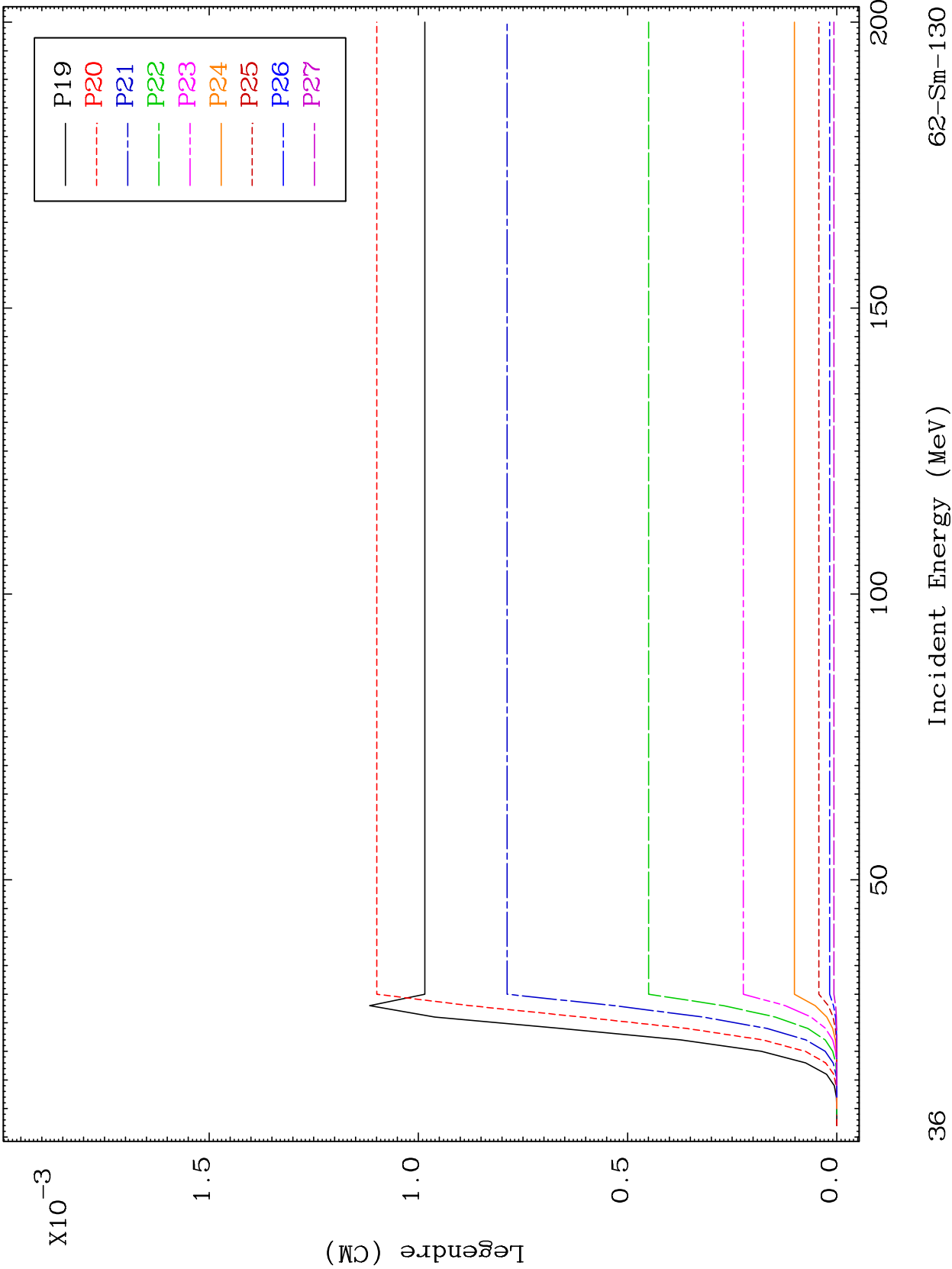
Incident Energy (MeV)

35

MAT 6183

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

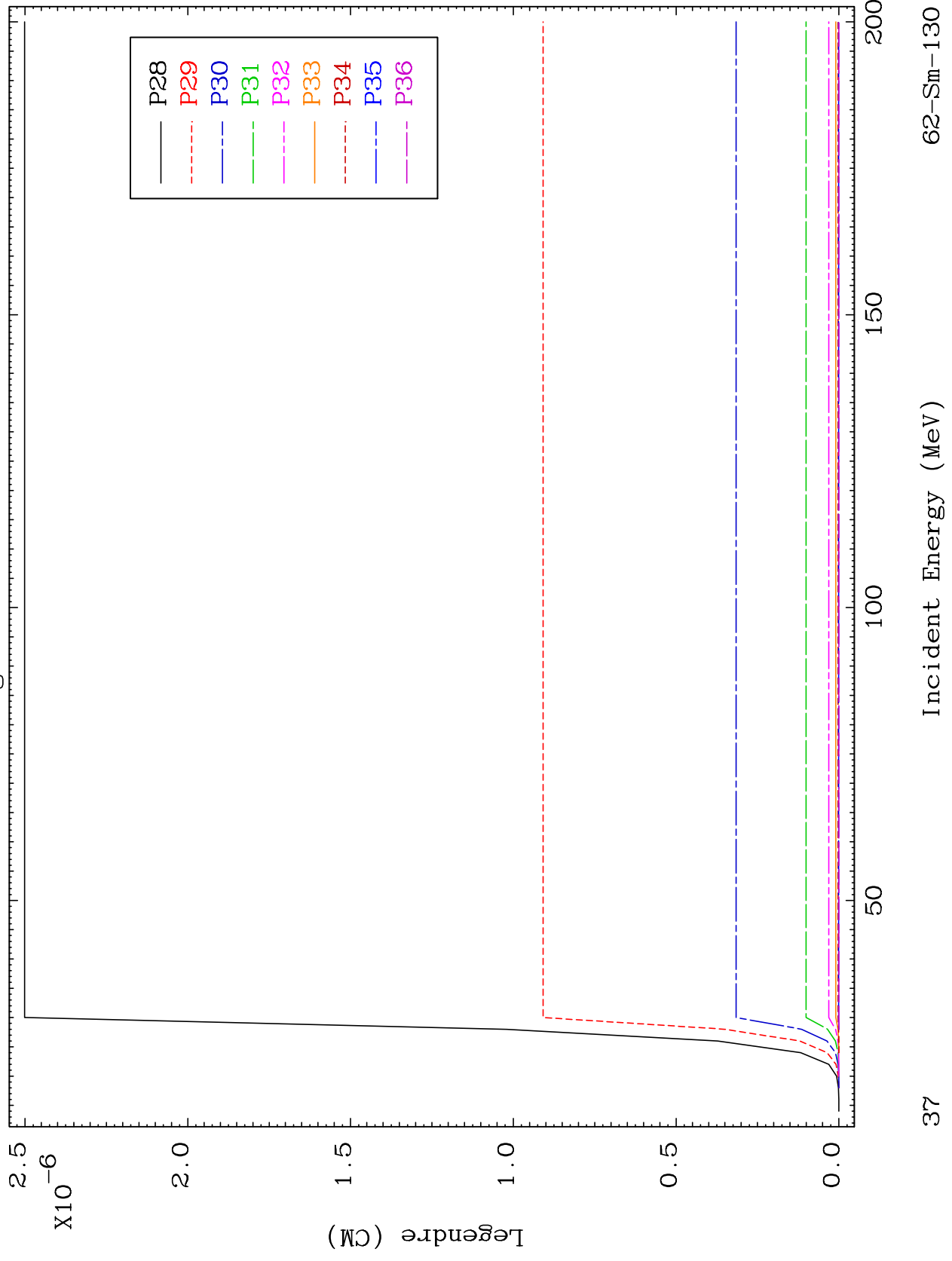
62-Sm-130



MAT 6183

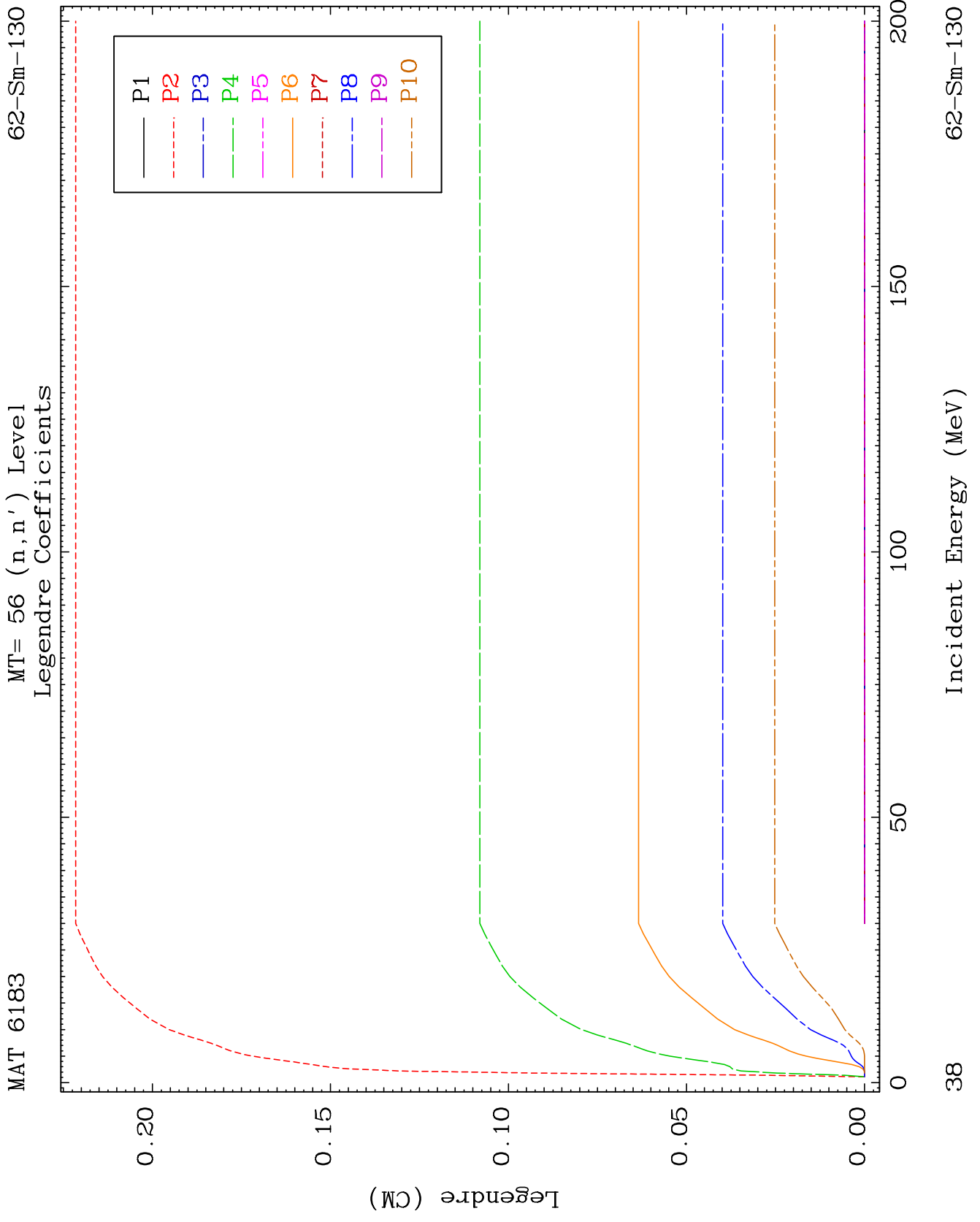
MT= 55 (n,n') Level
Legendre Coefficients

62-Sm-130



37

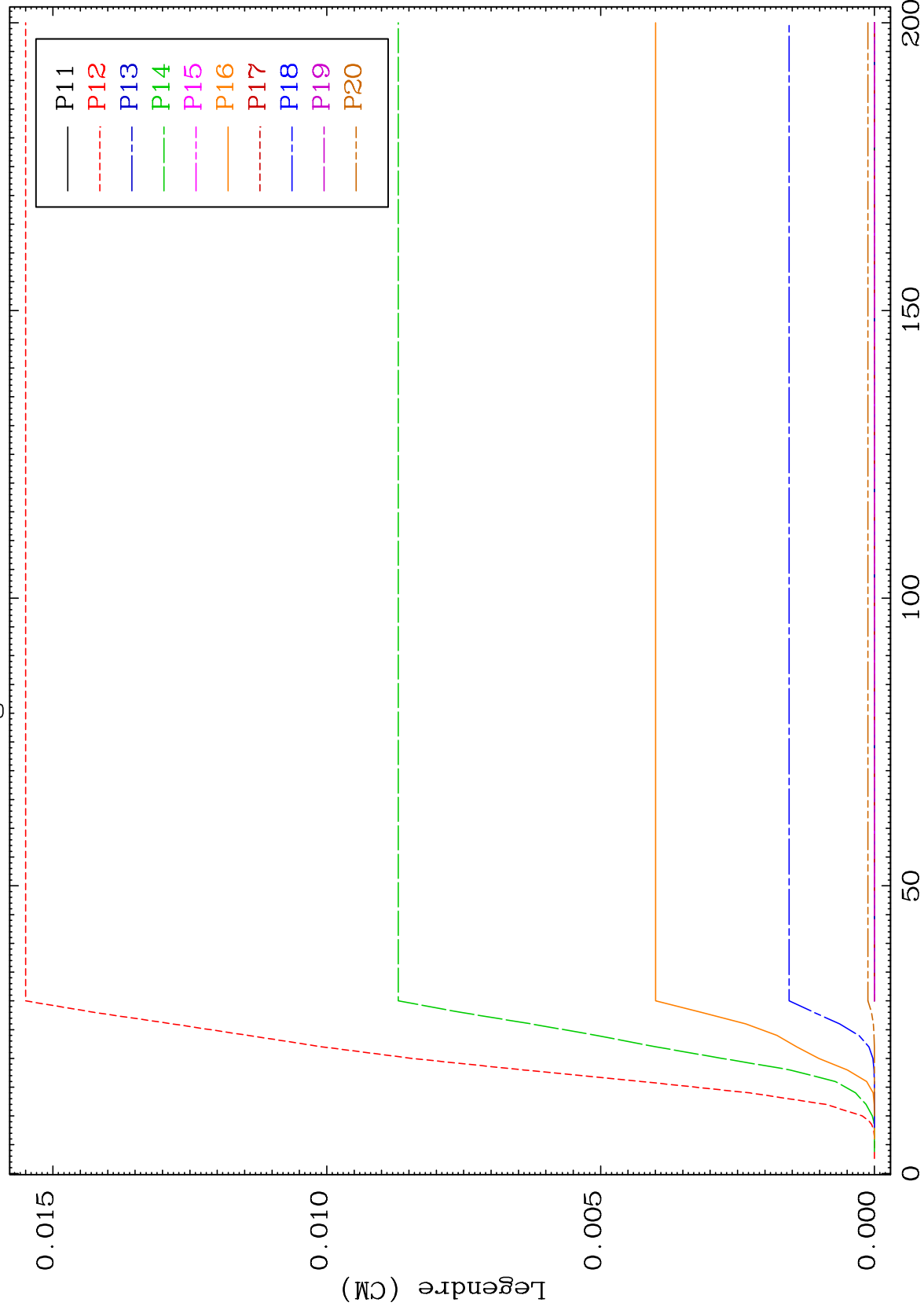
62-Sm-130



MAT 6183

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

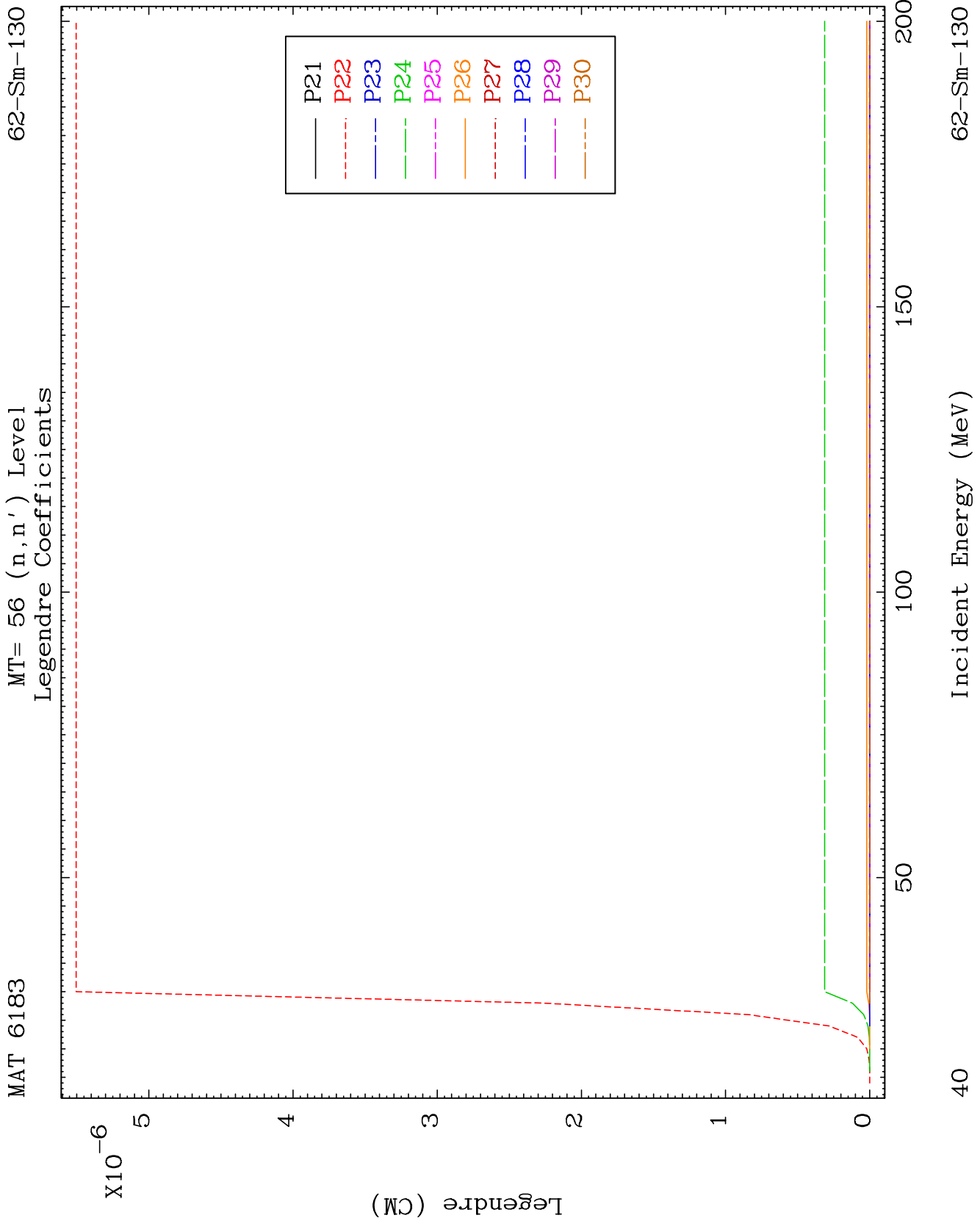
62-Sm-130



39

Incident Energy (MeV)

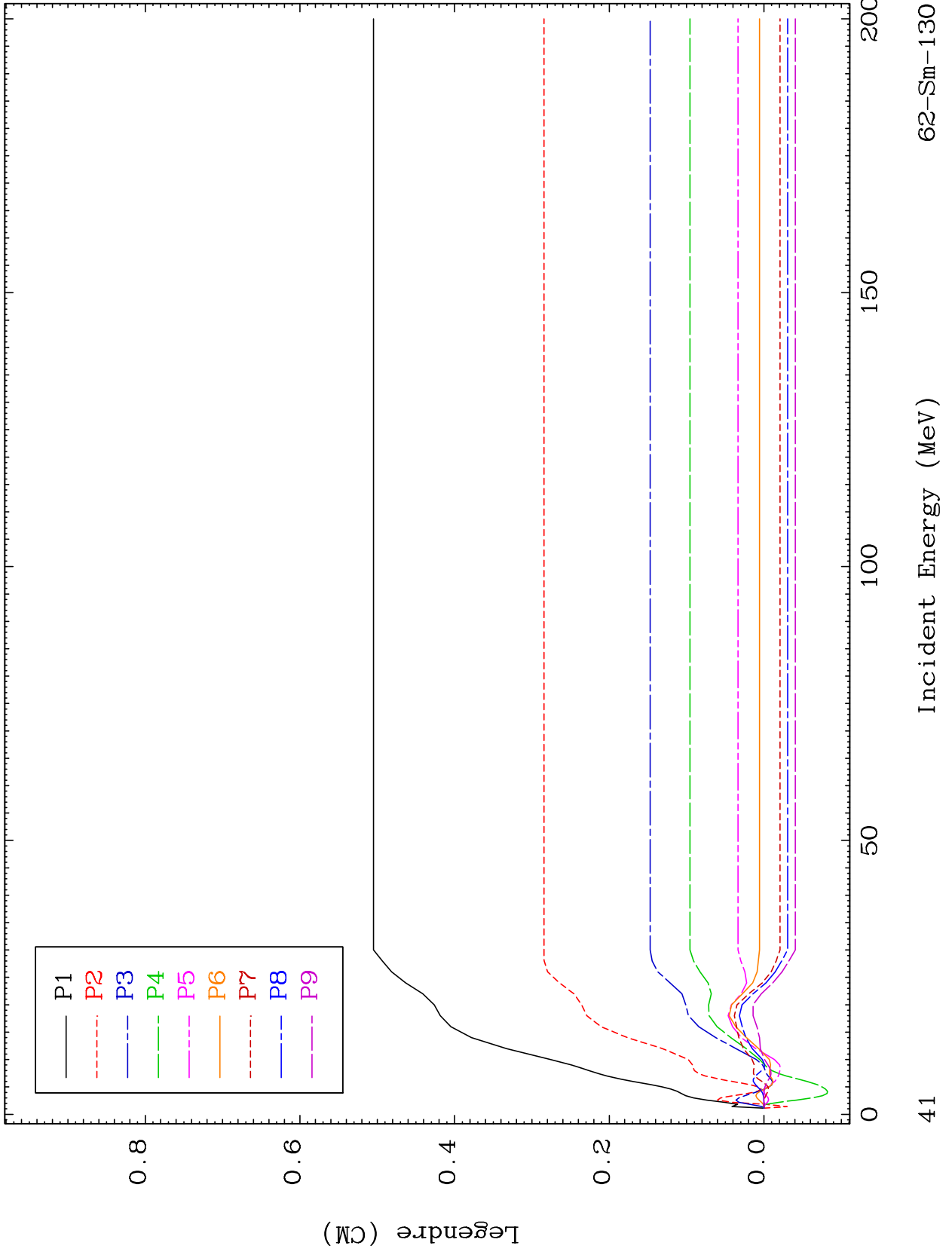
62-Sm-130



MAT 6183

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

62-Sm-130



41

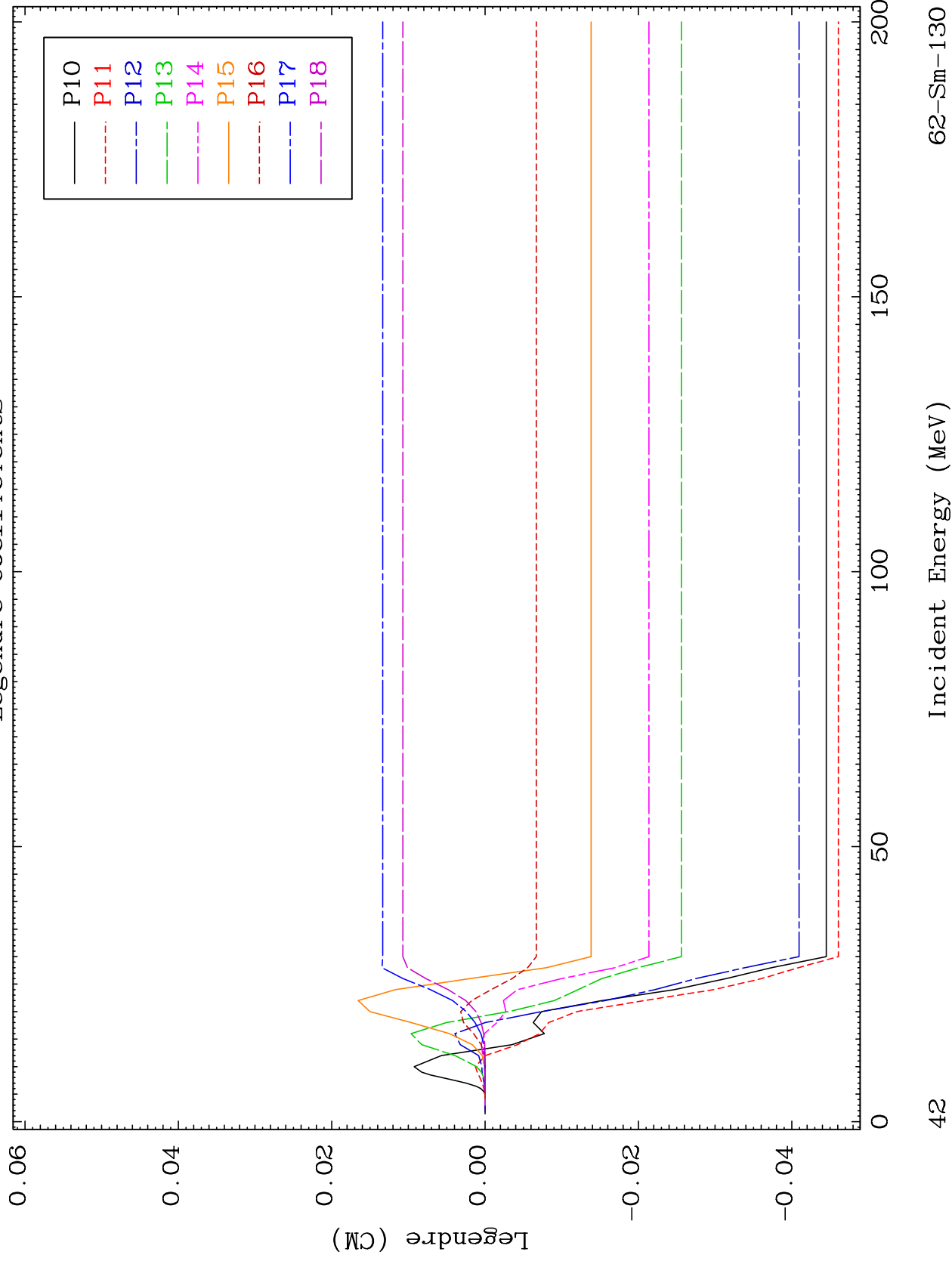
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



42

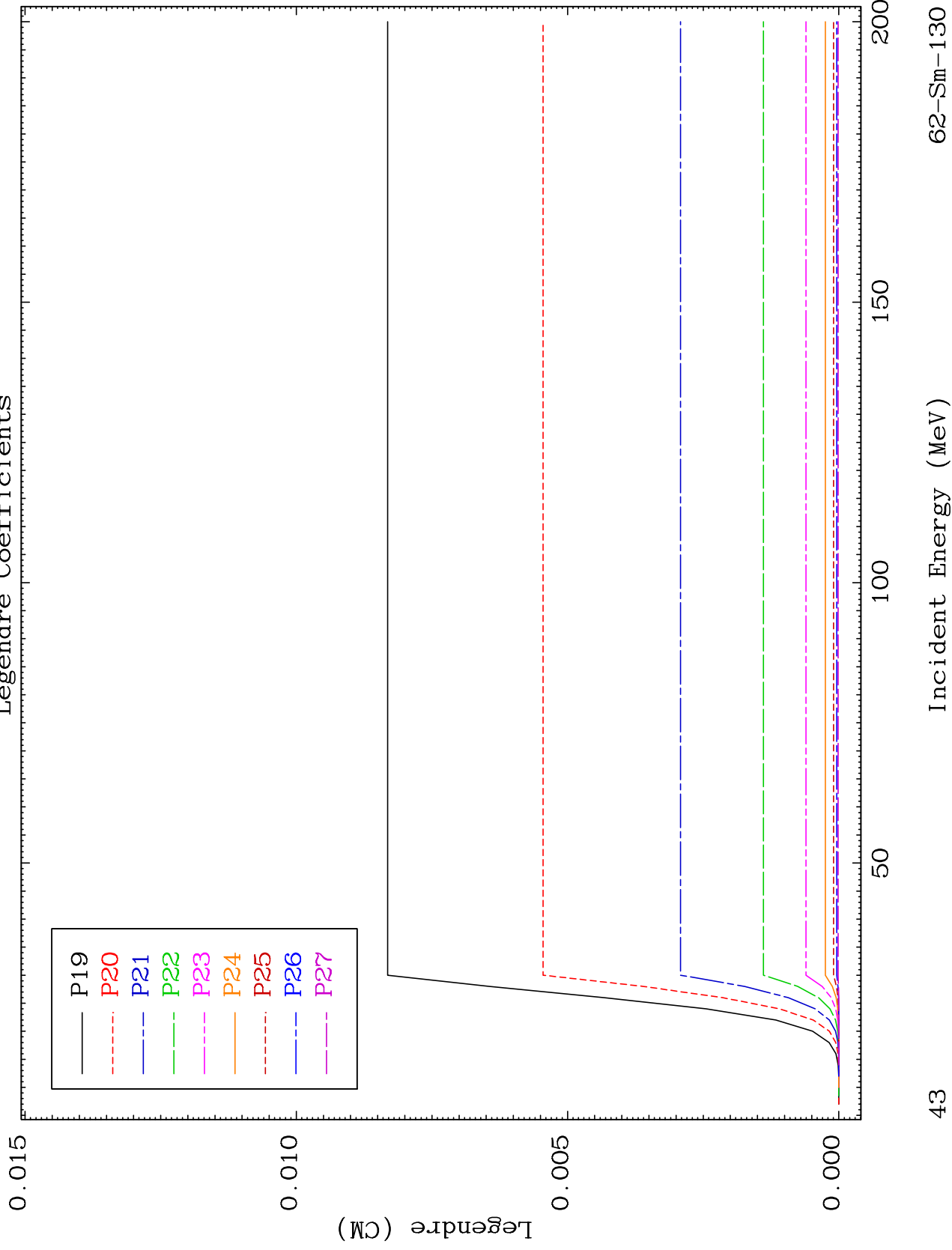
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



43

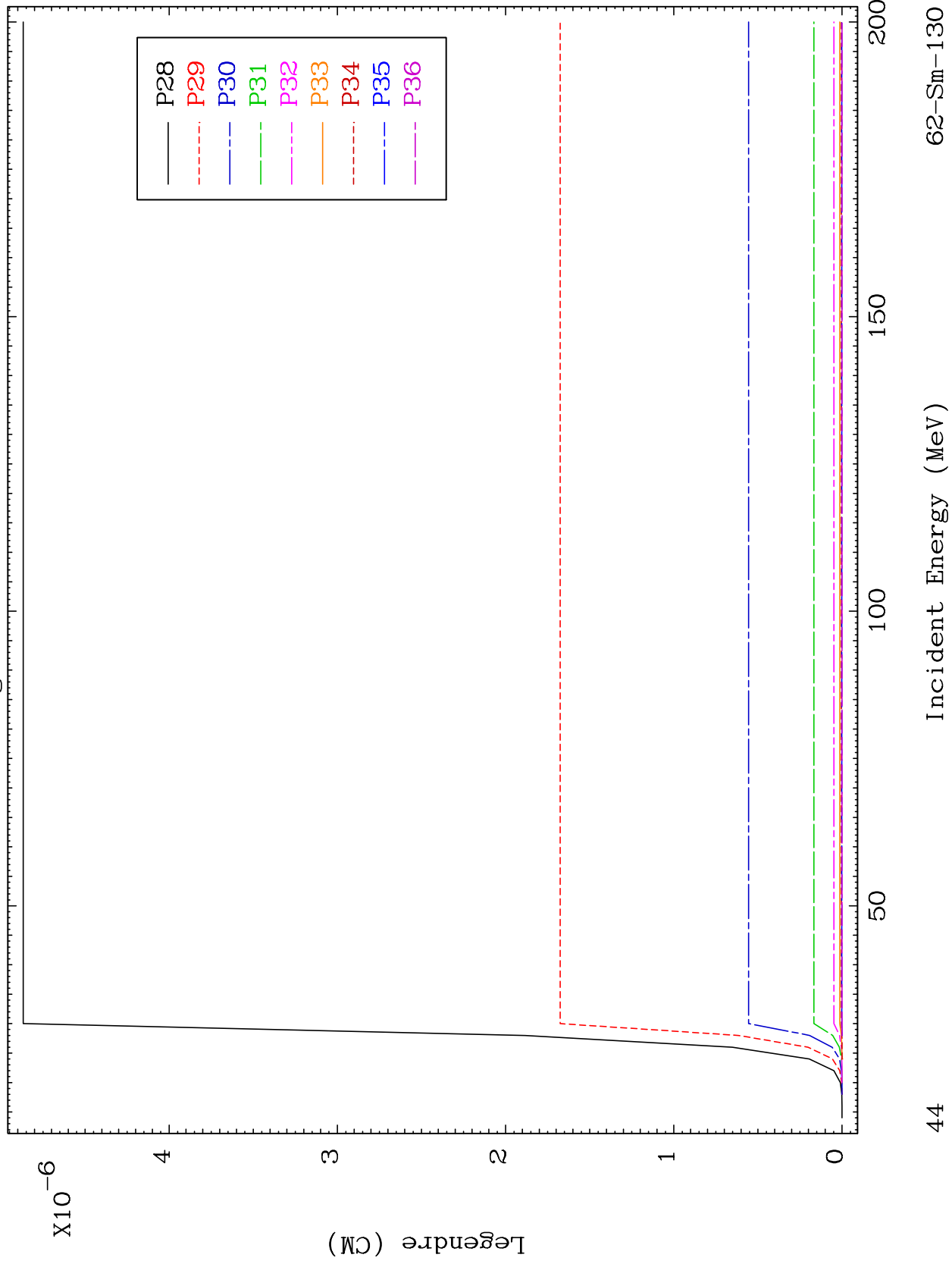
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



44

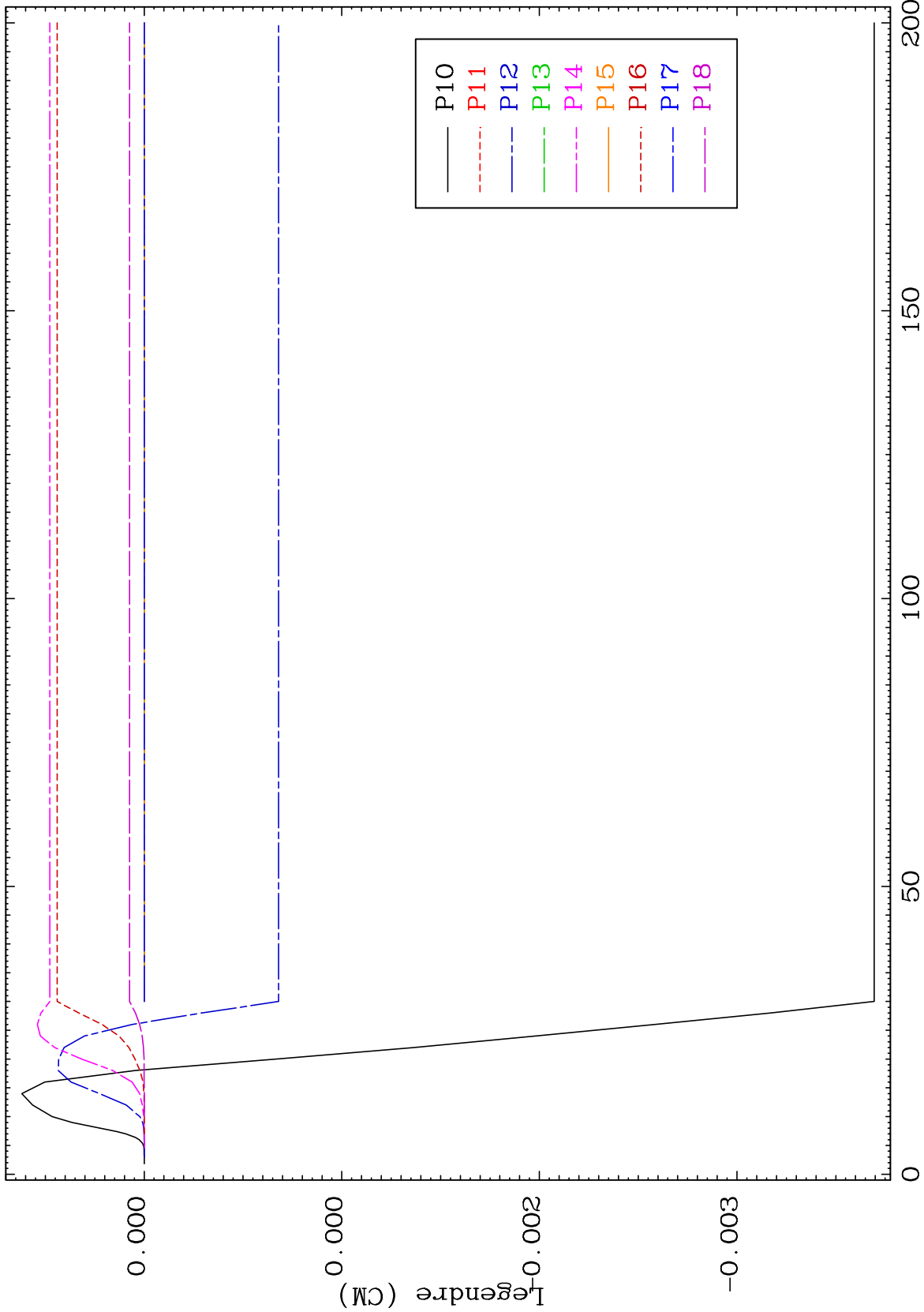
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

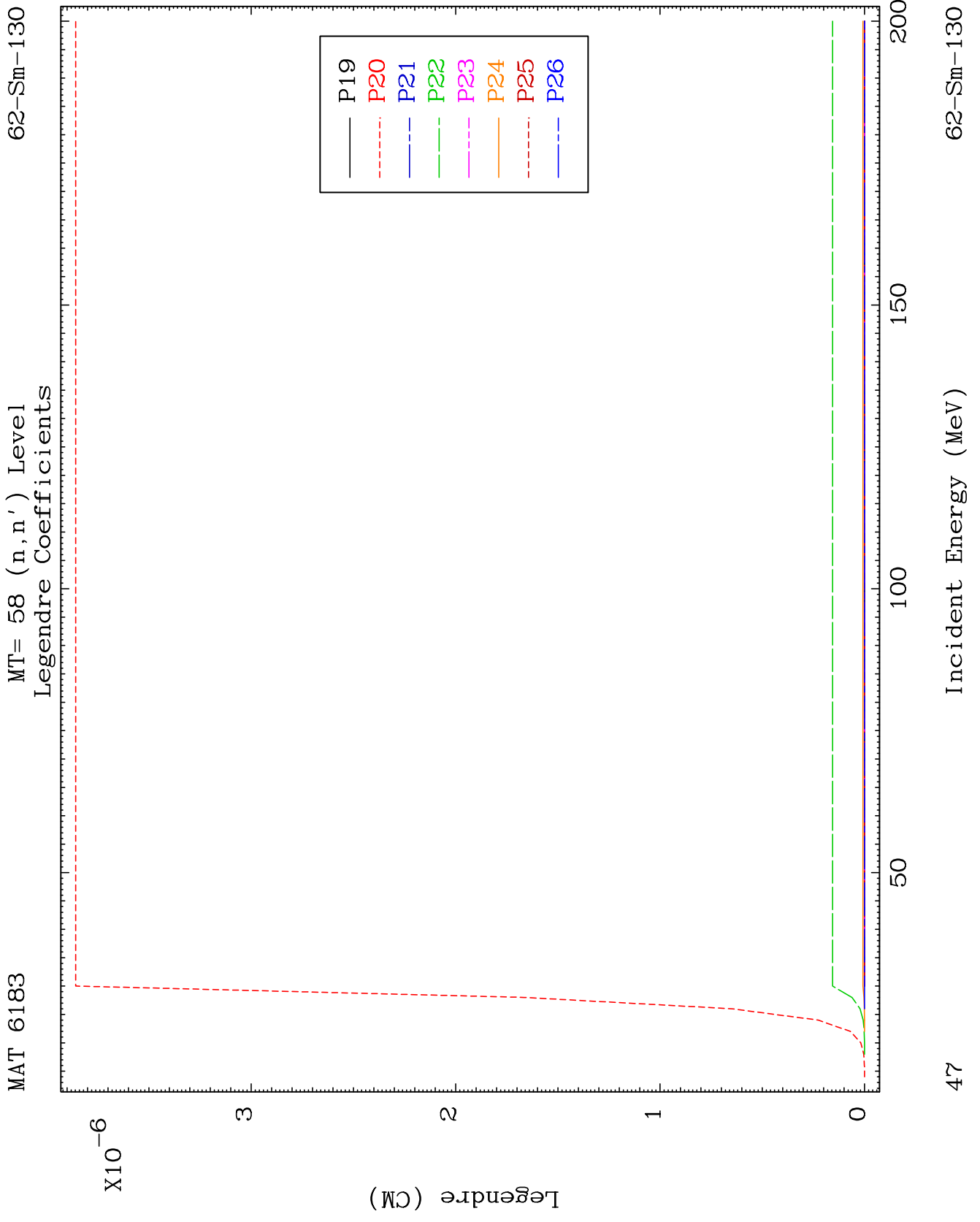
62-Sm-130



46

Incident Energy (MeV)

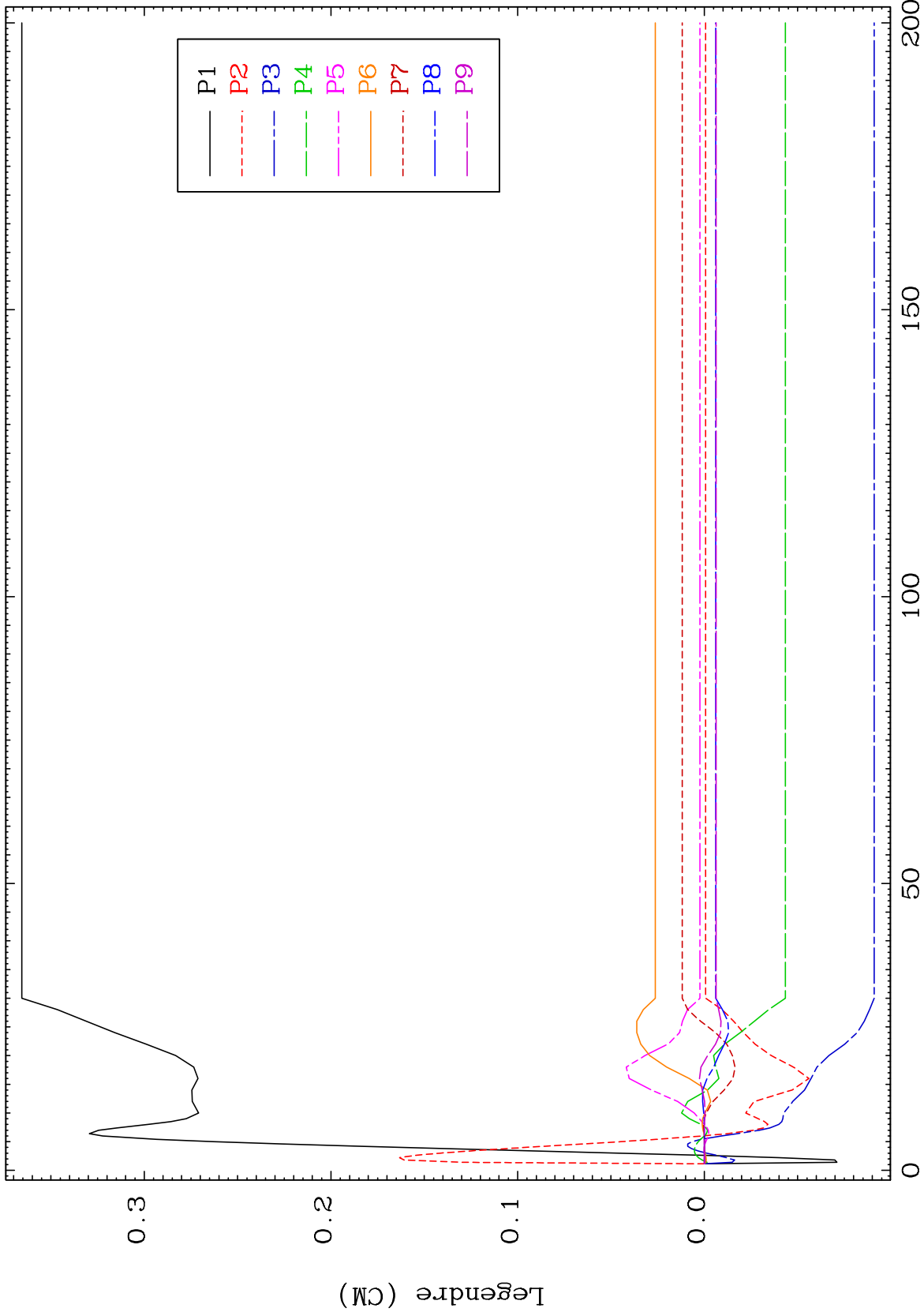
62-Sm-130



MAT 6183

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

62-Sm-130



48

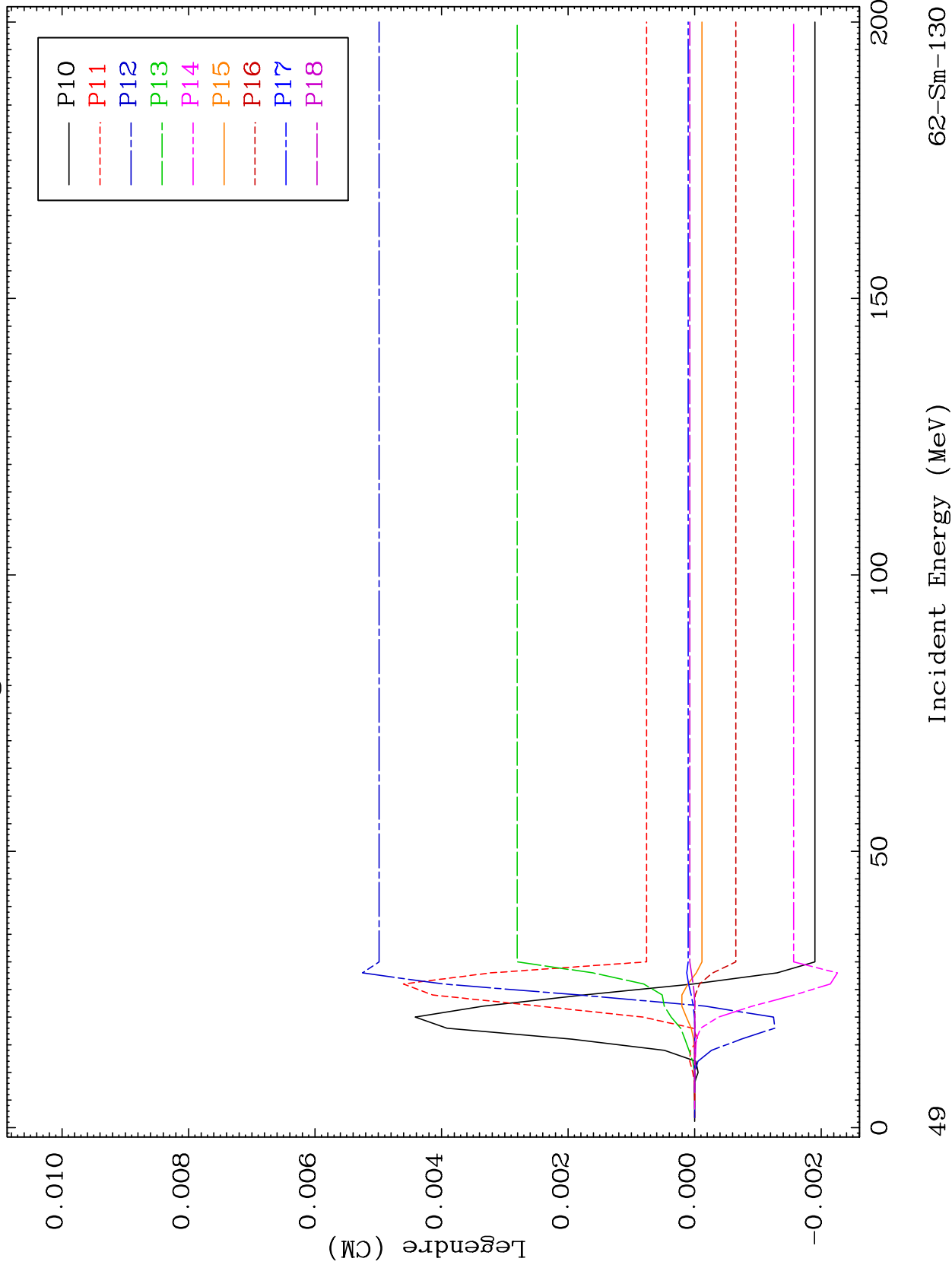
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



49

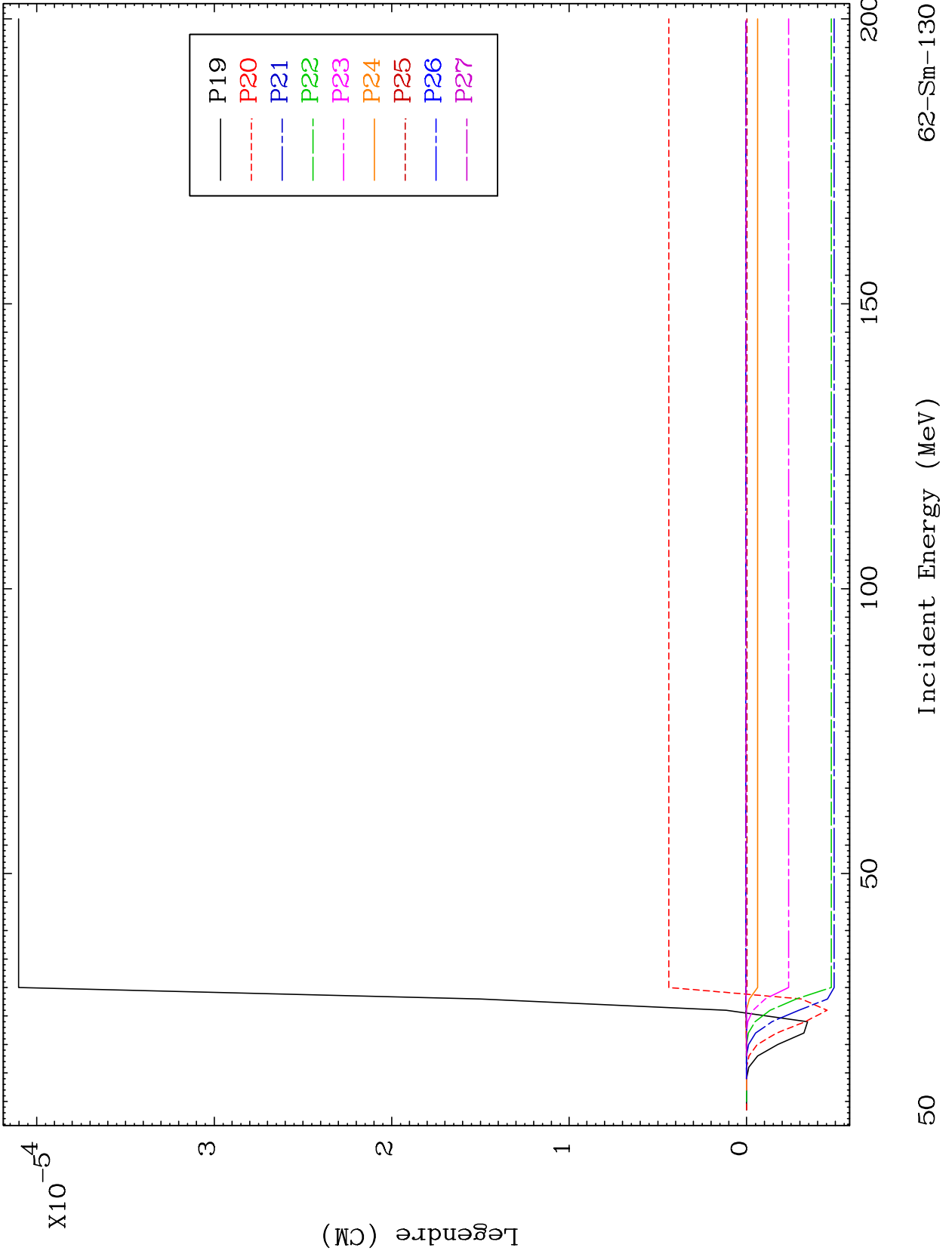
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

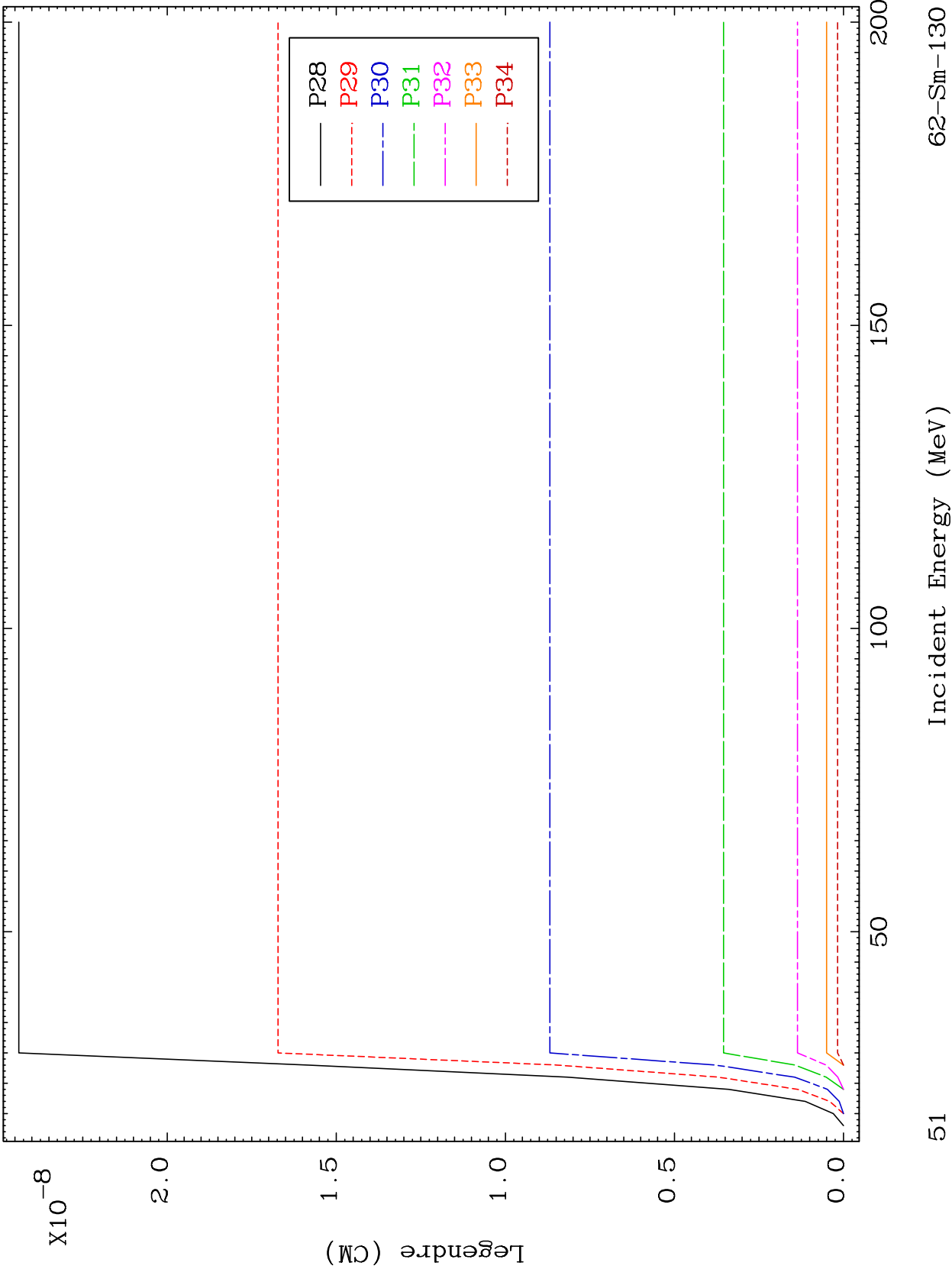
62-Sm-130

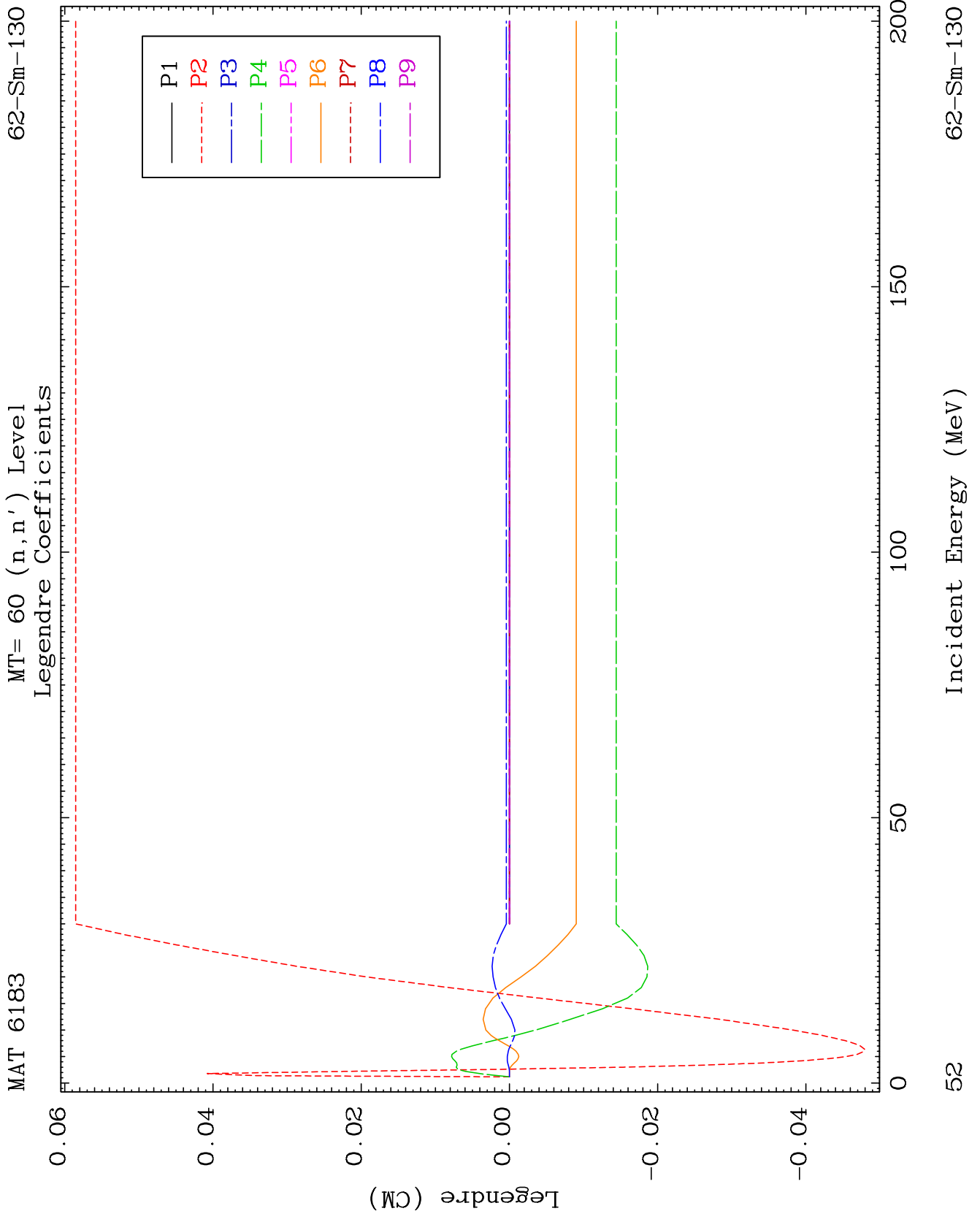


62-Sm-130

Incident Energy (MeV)

50

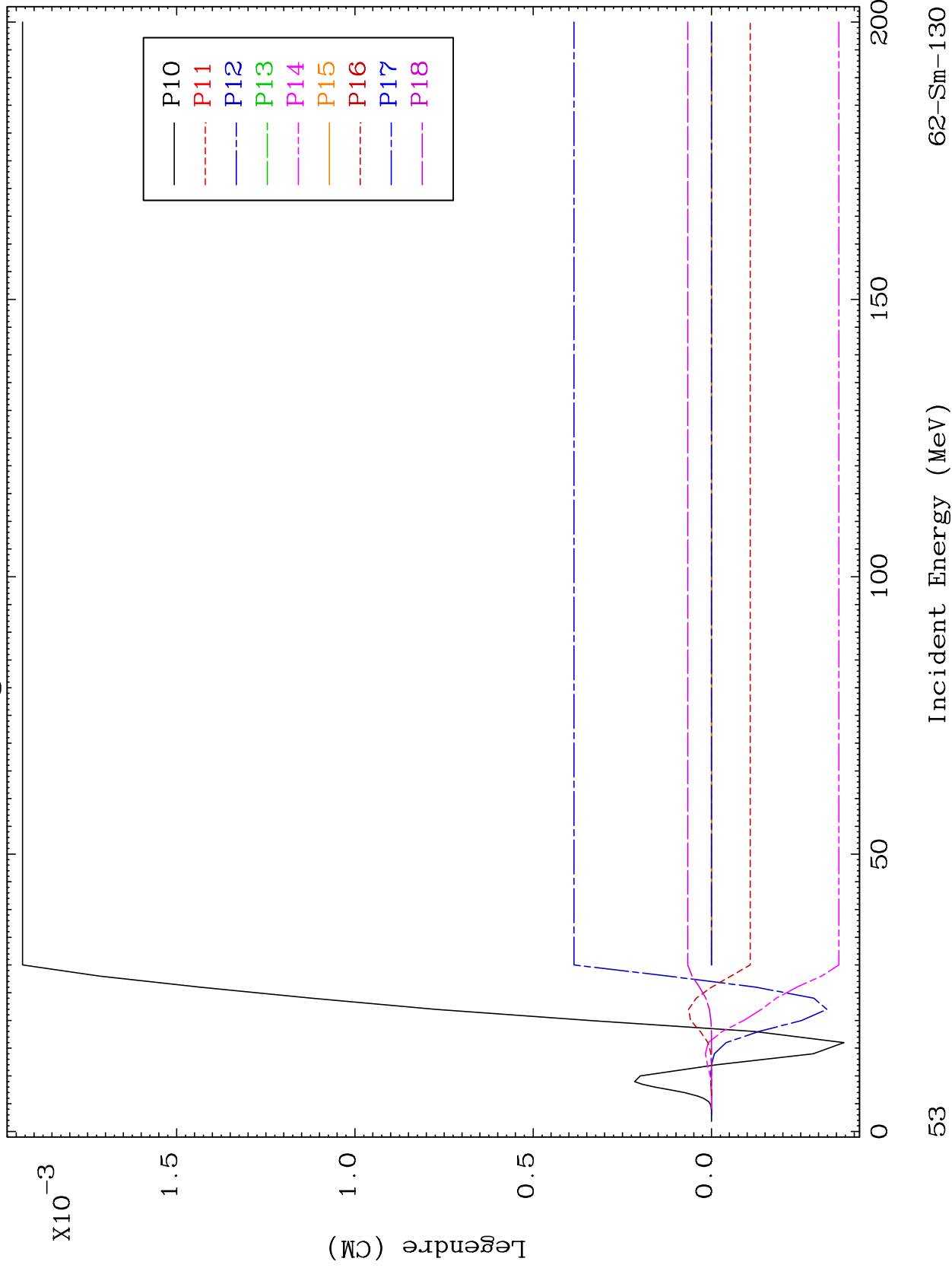




MAT 6183

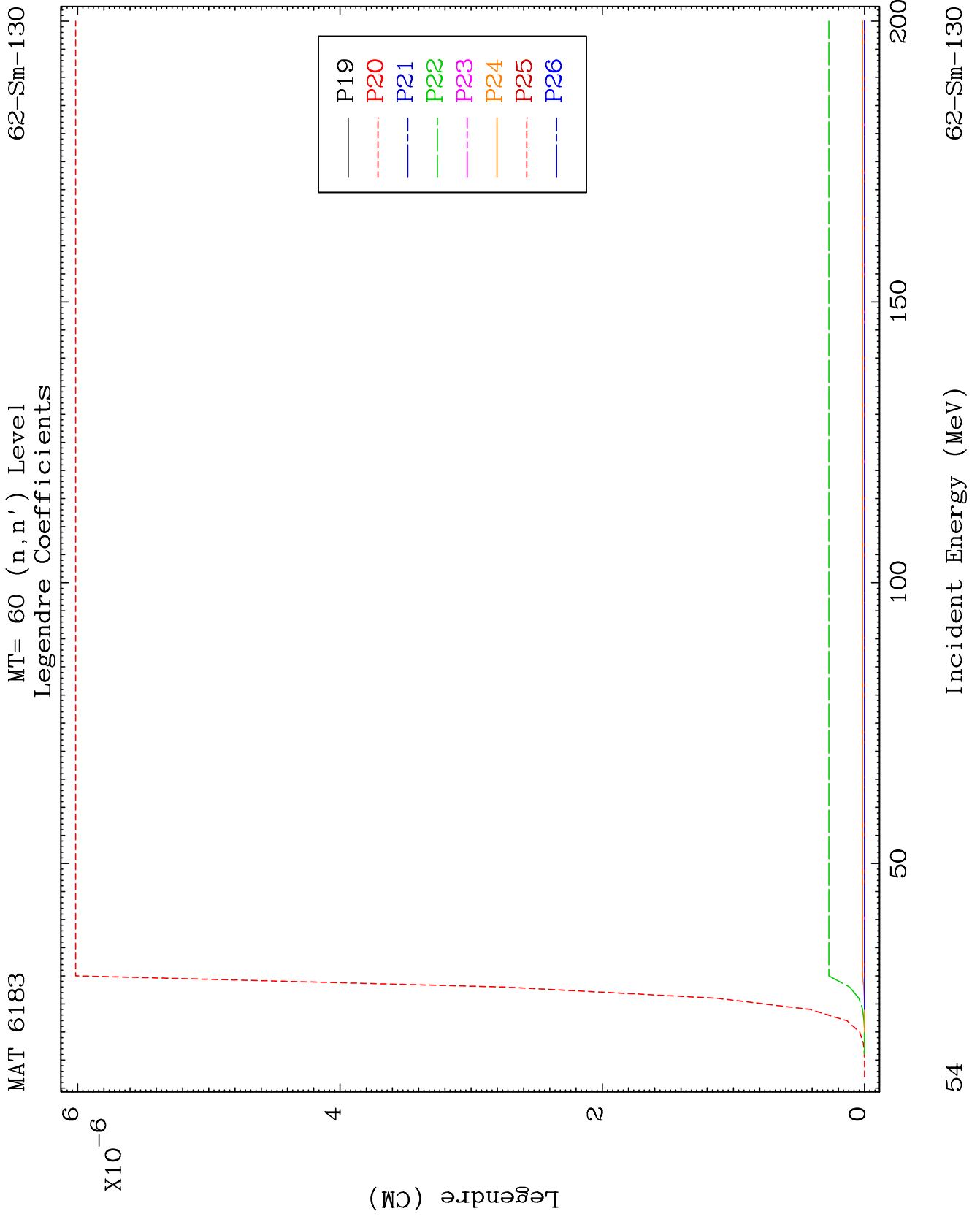
MT= 60 (n,n') Level
Legendre Coefficients

62-Sm-130



53

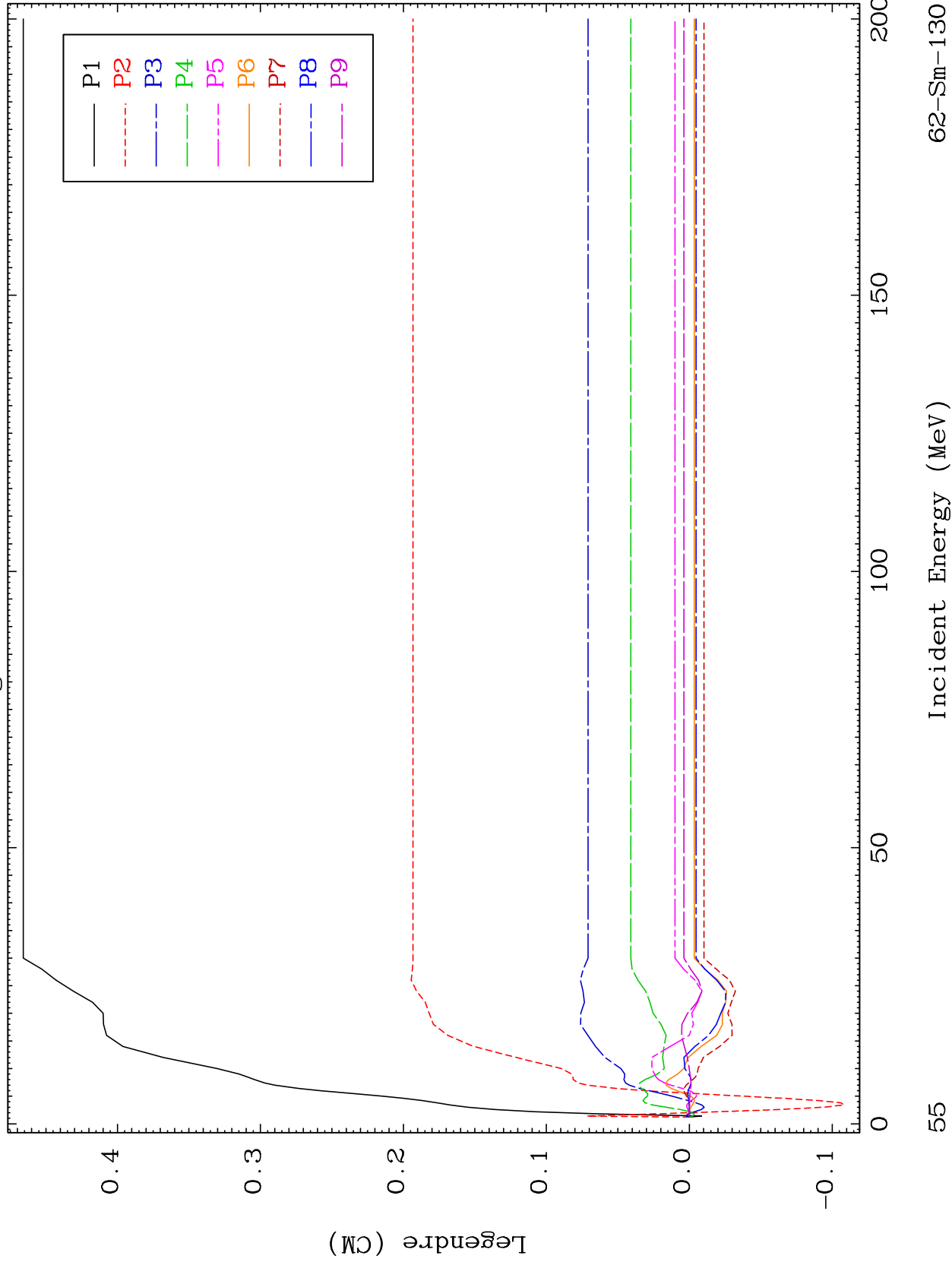
62-Sm-130



MAT 6183

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

62-Sm-130



62-Sm-130

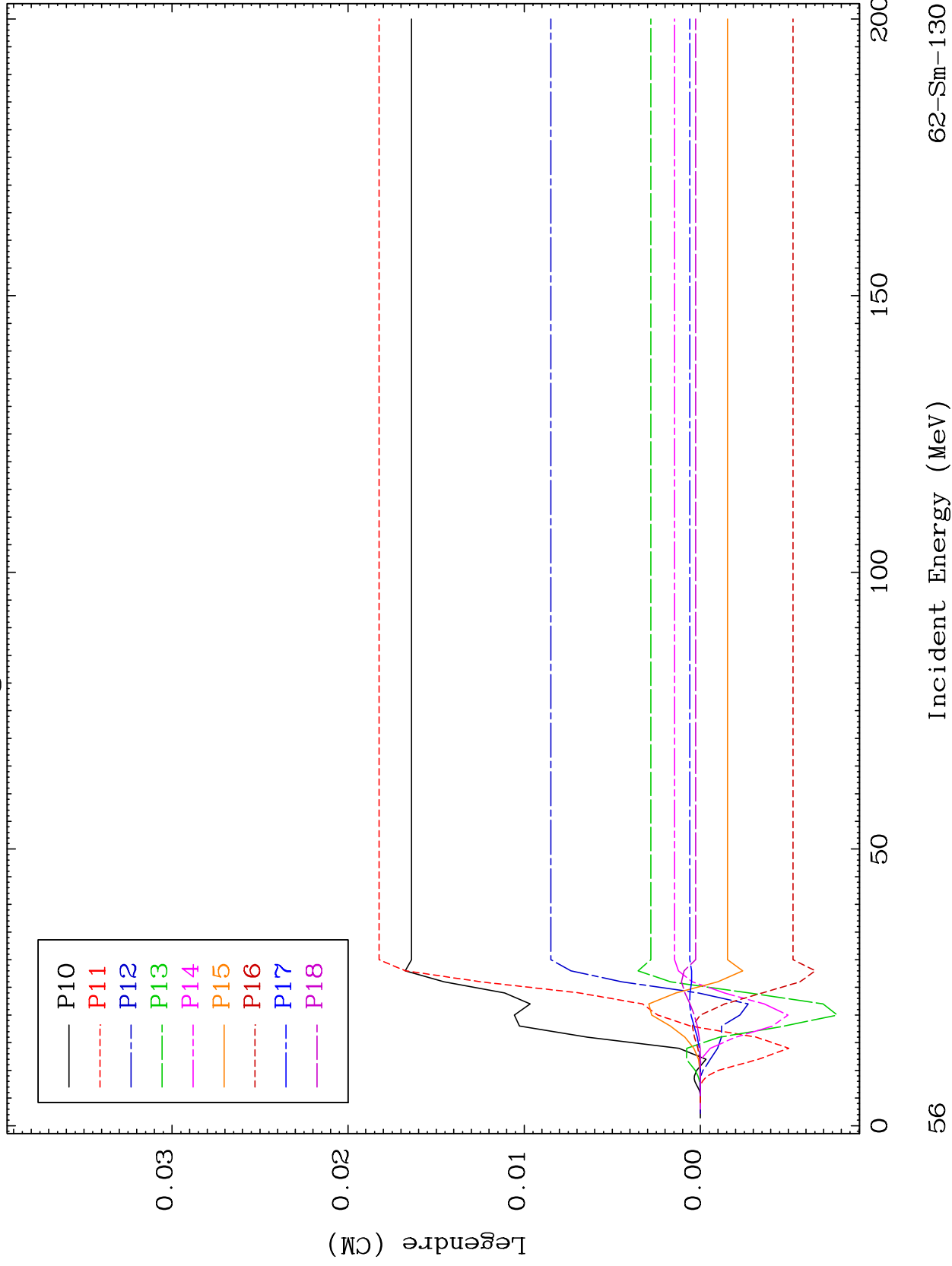
Incident Energy (MeV)

55

MAT 6183

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

62-Sm-130



56

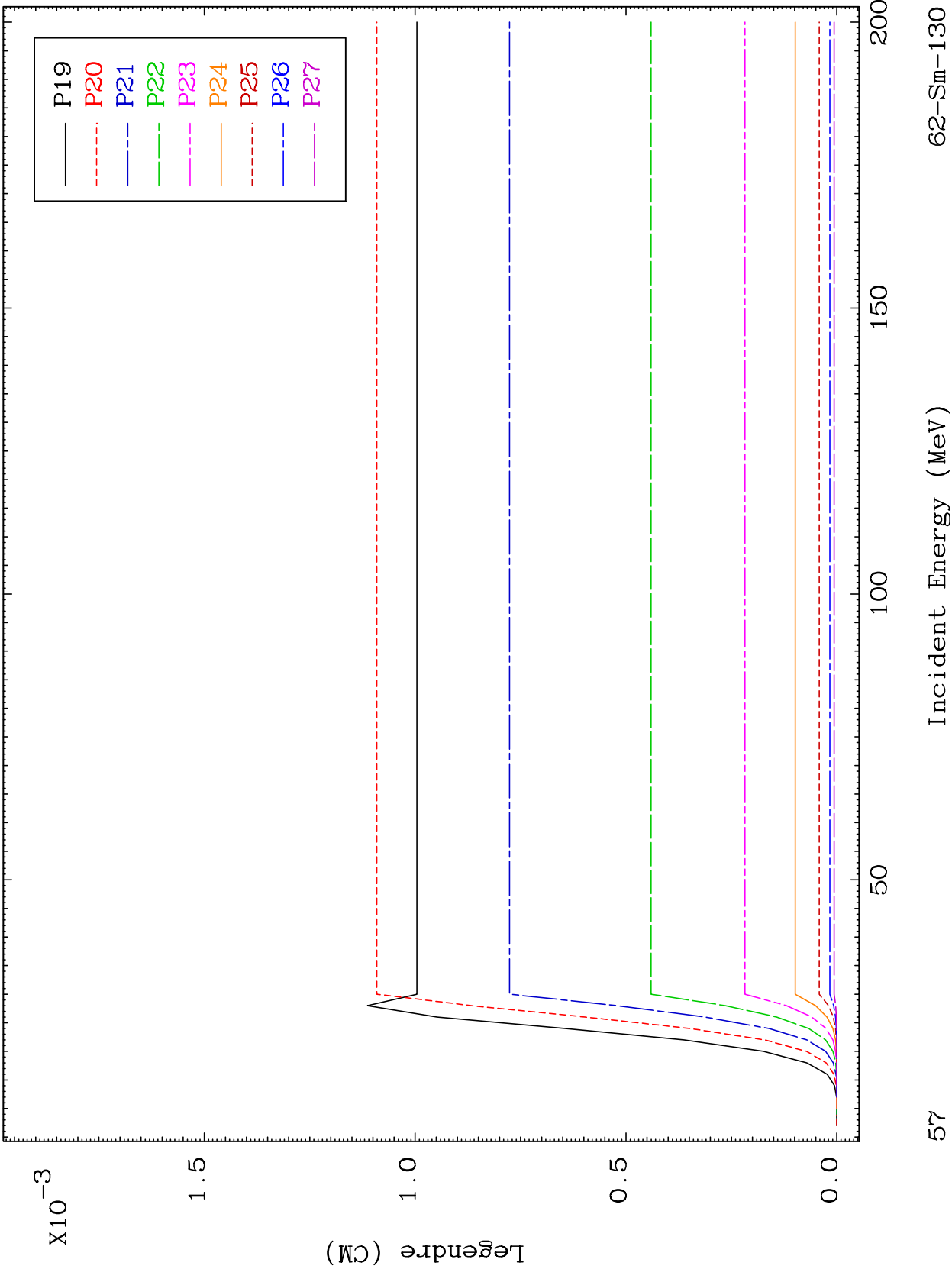
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



57

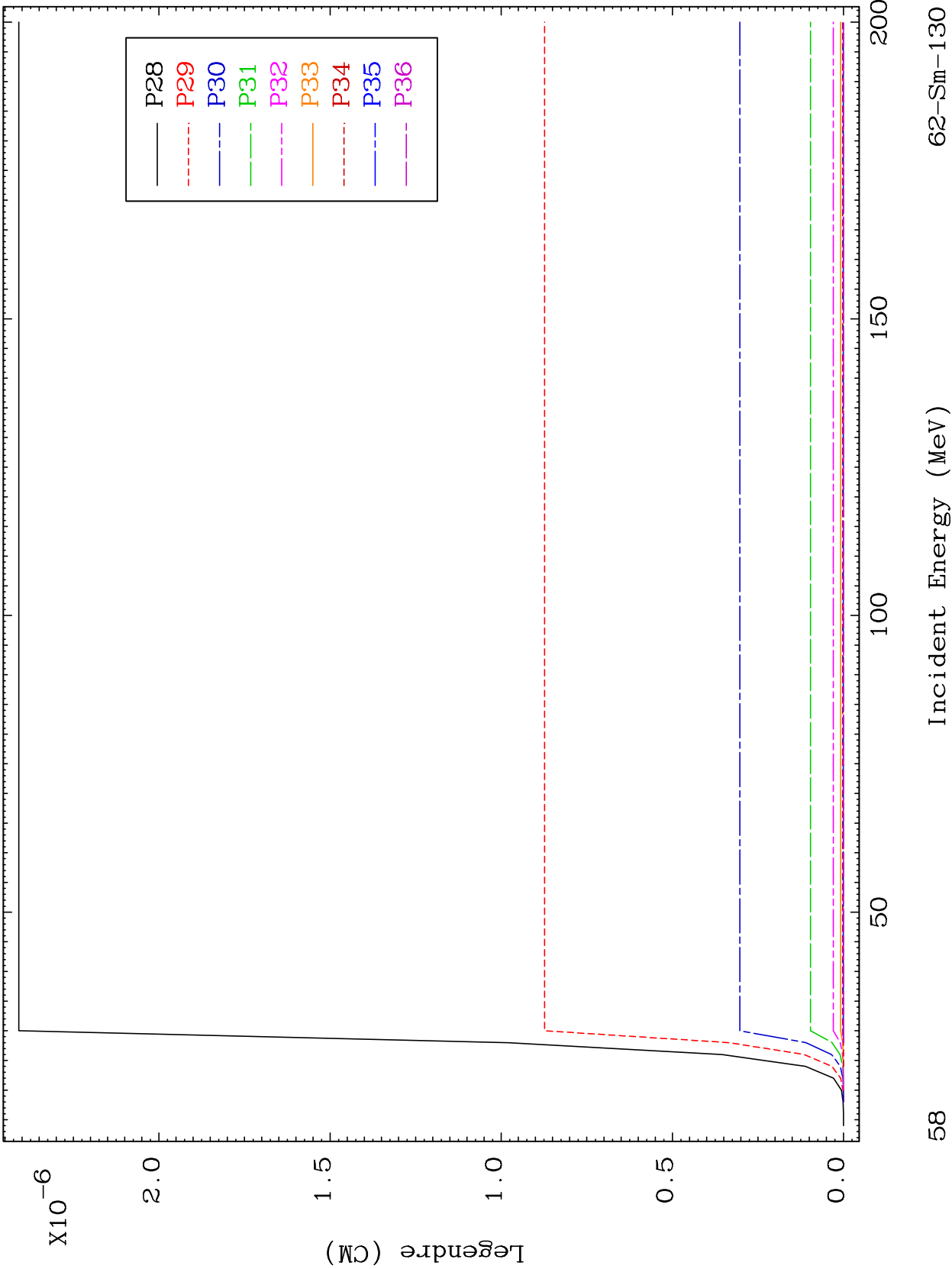
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



58

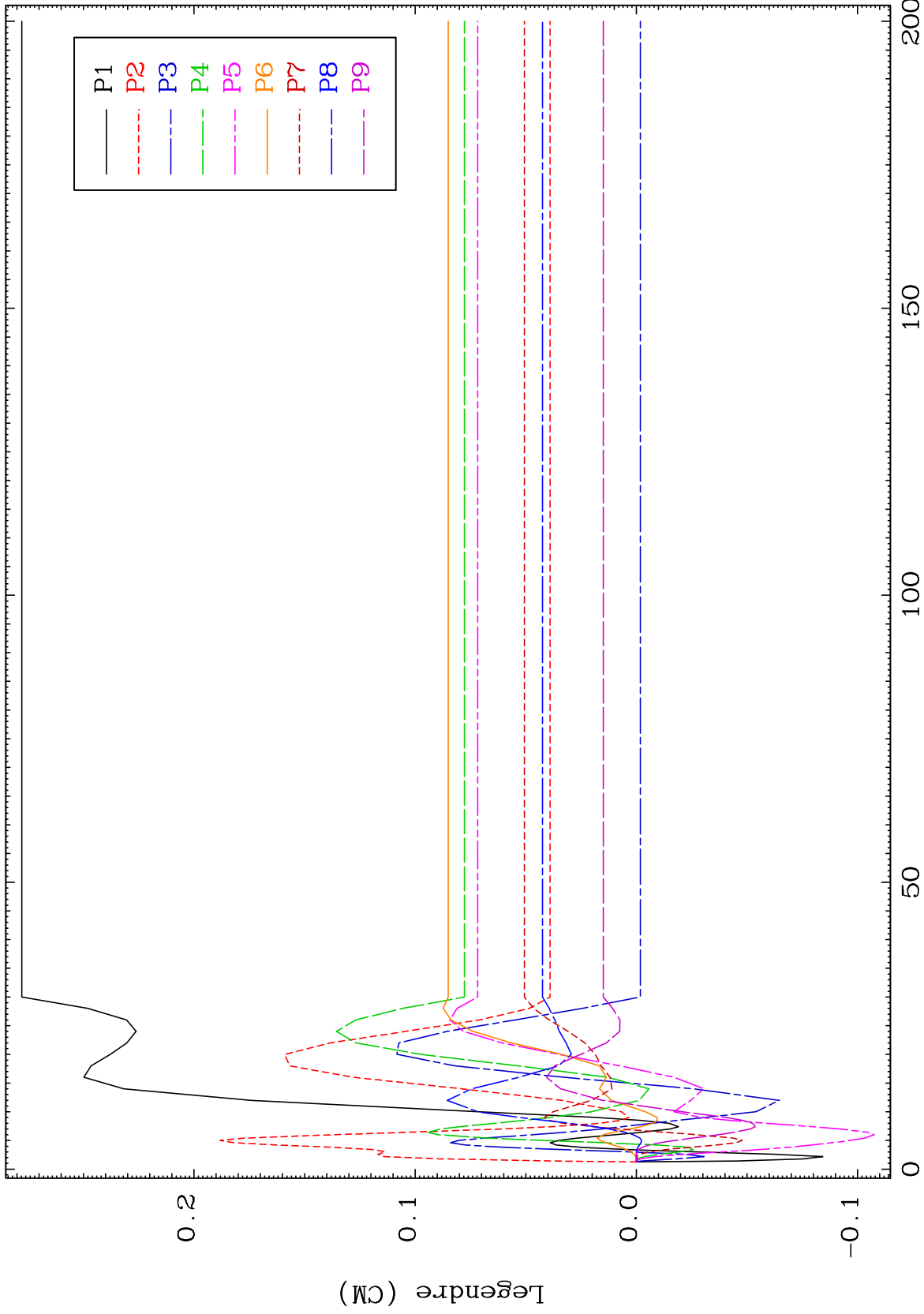
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



59

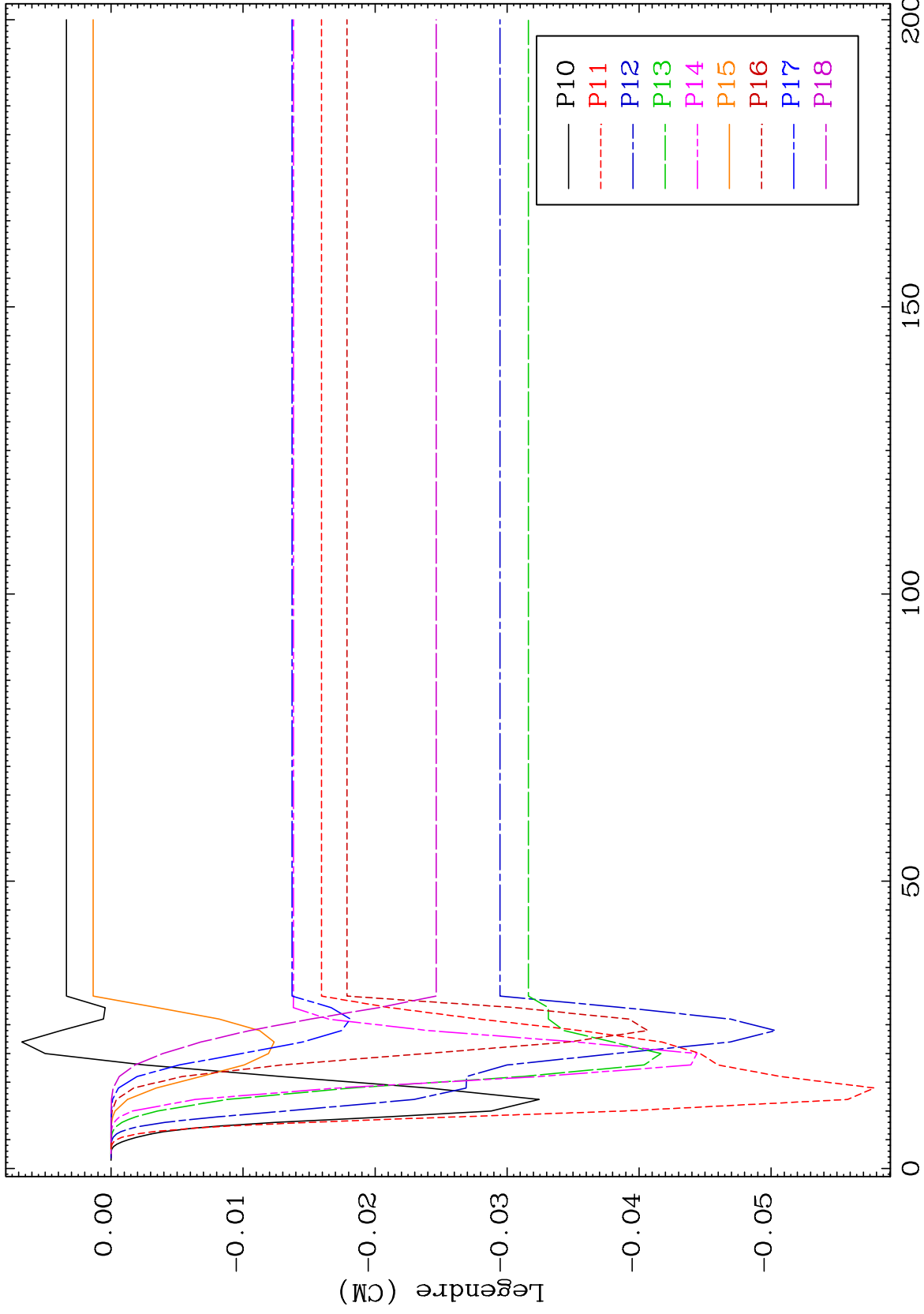
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

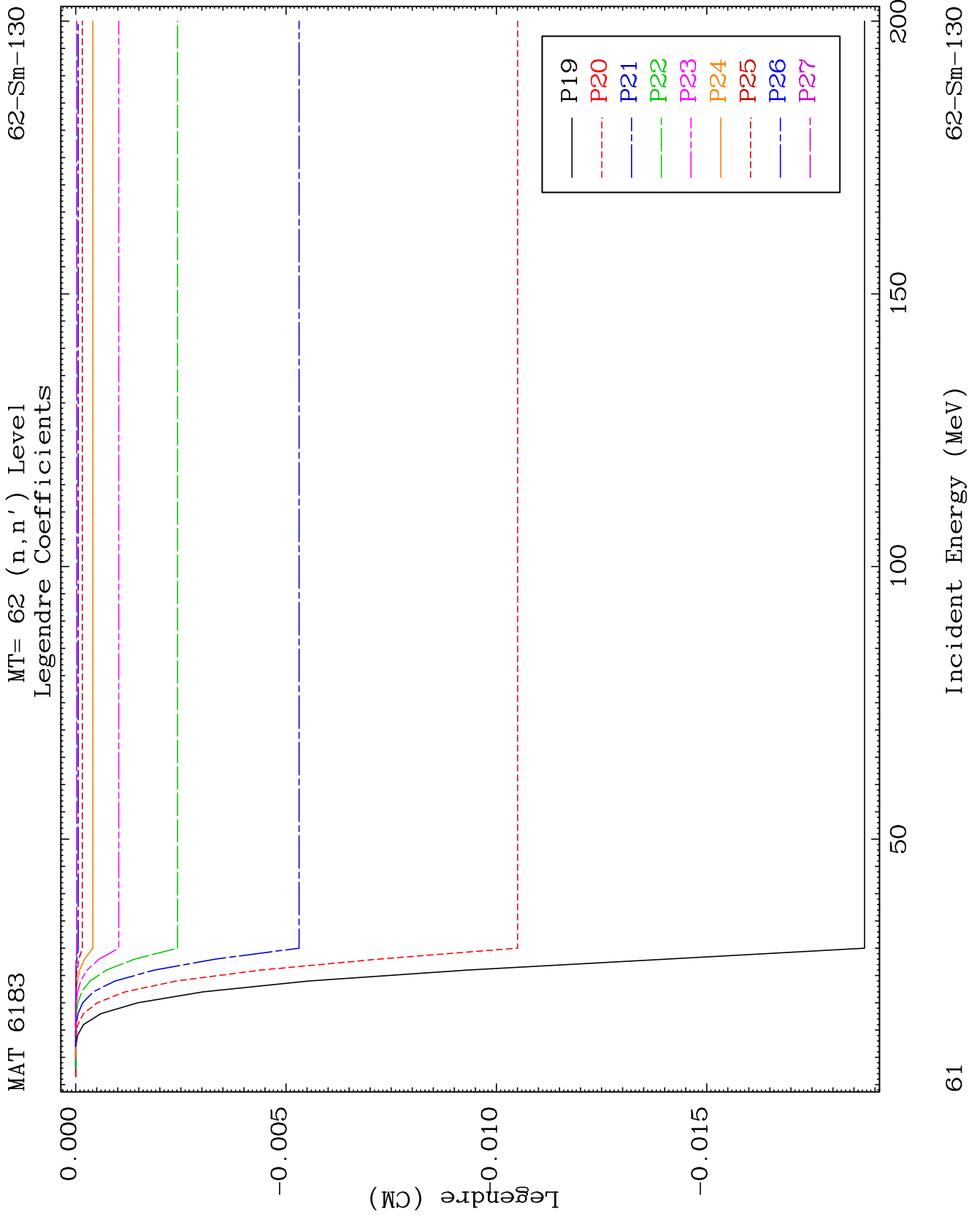
62-Sm-130

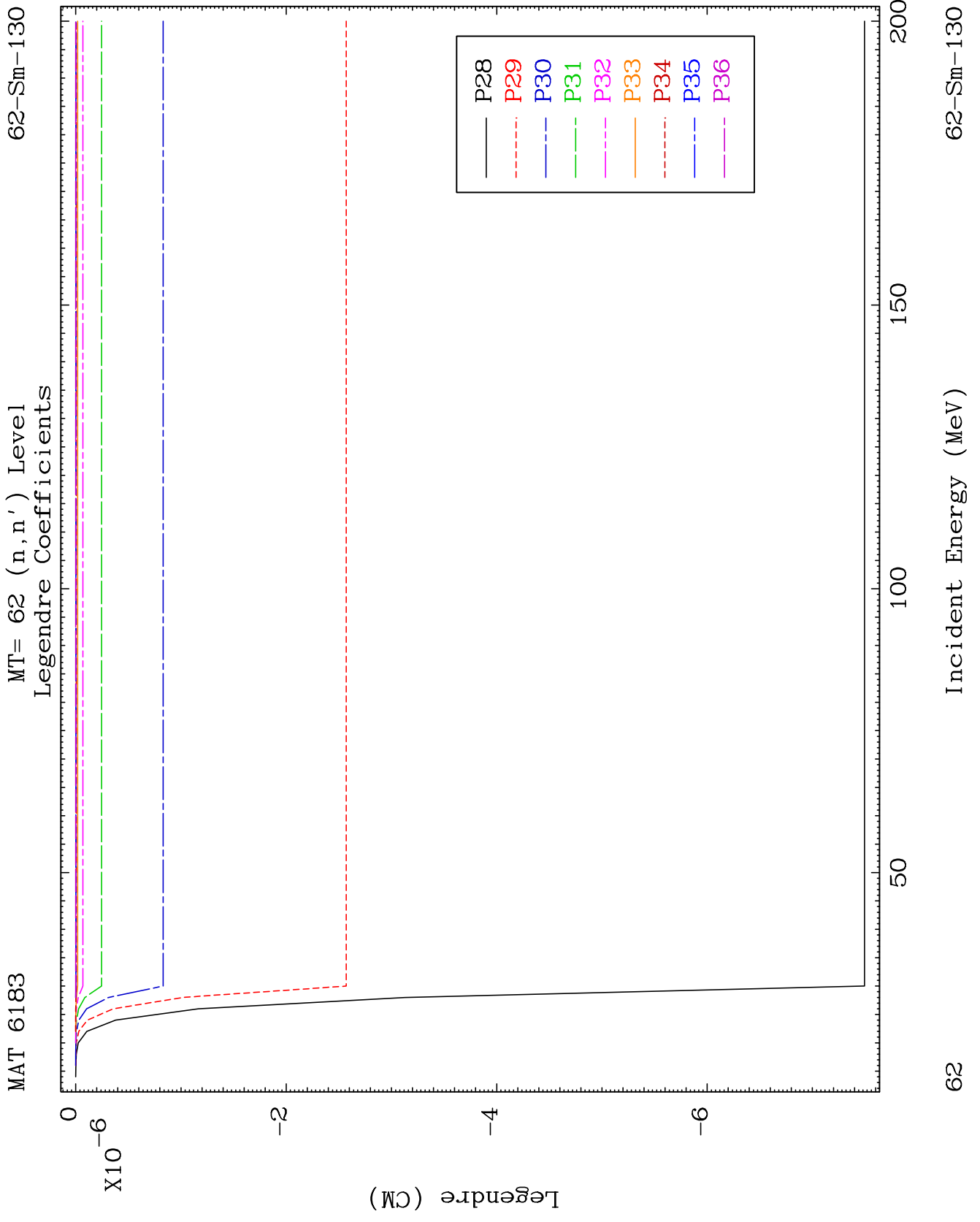


60

Incident Energy (MeV)

62-Sm-130

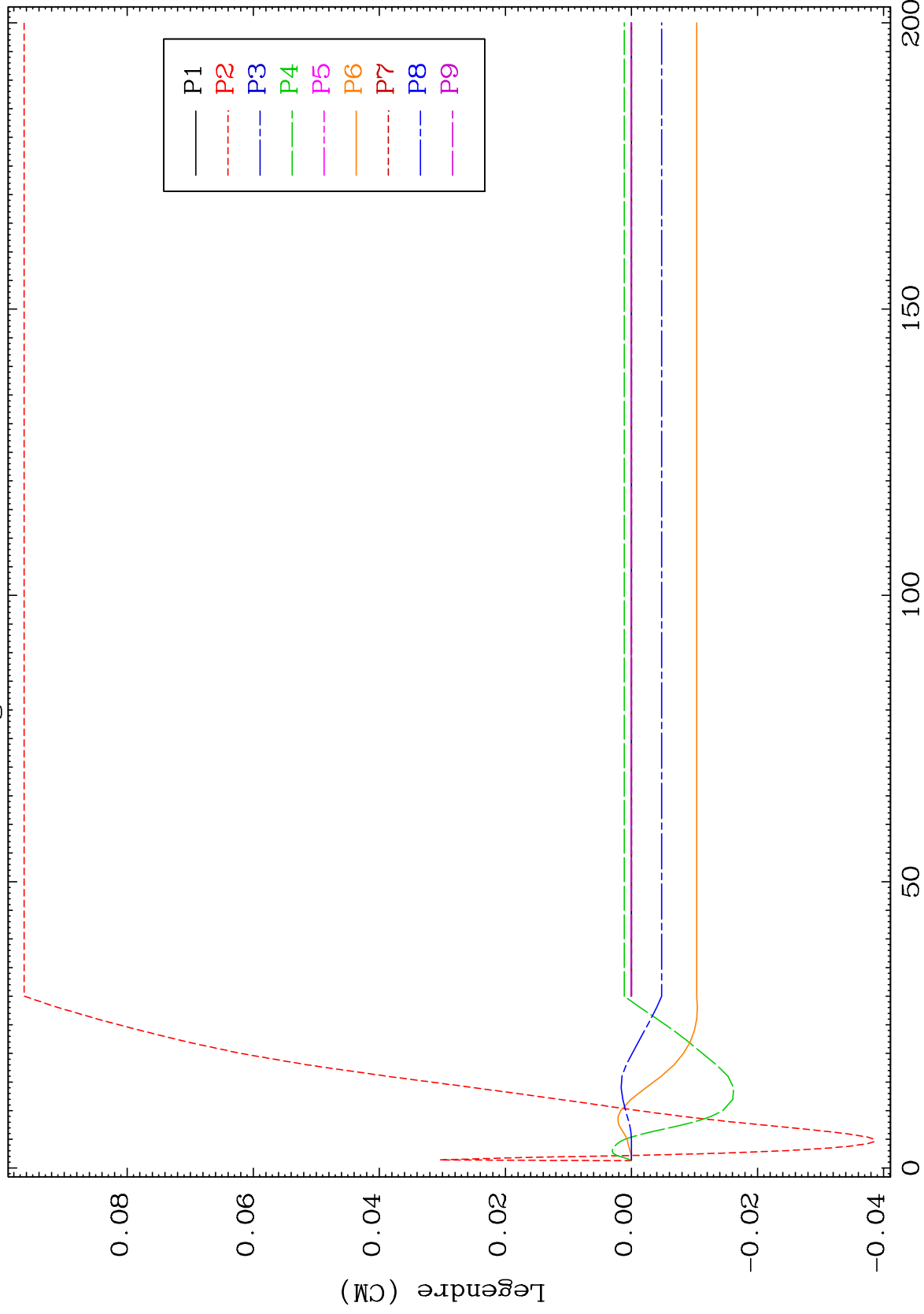




MAT 6183

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

62-Sm-130



62-Sm-130

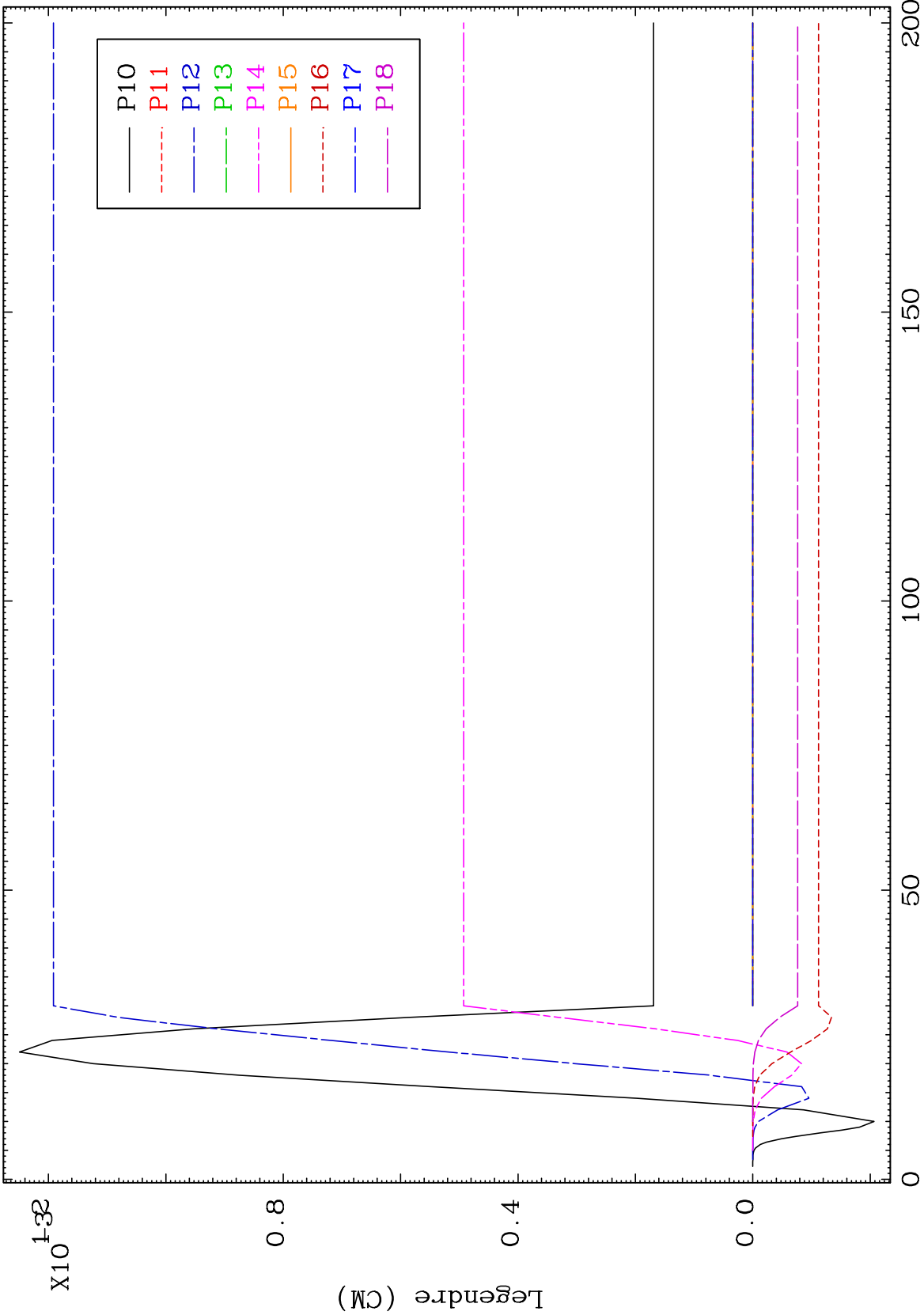
Incident Energy (MeV)

63

MAT 6183

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

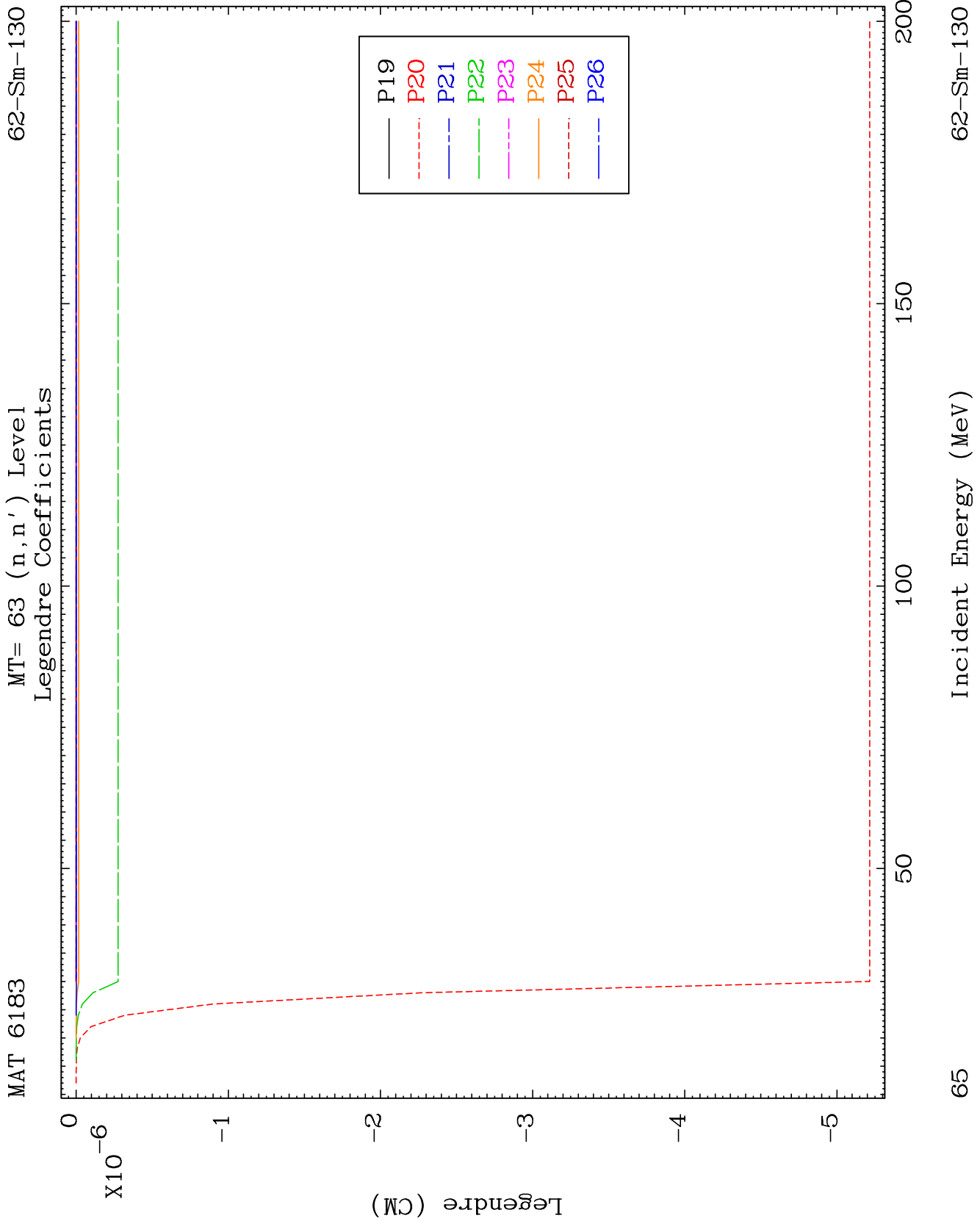
62-Sm-130



64

Incident Energy (MeV)

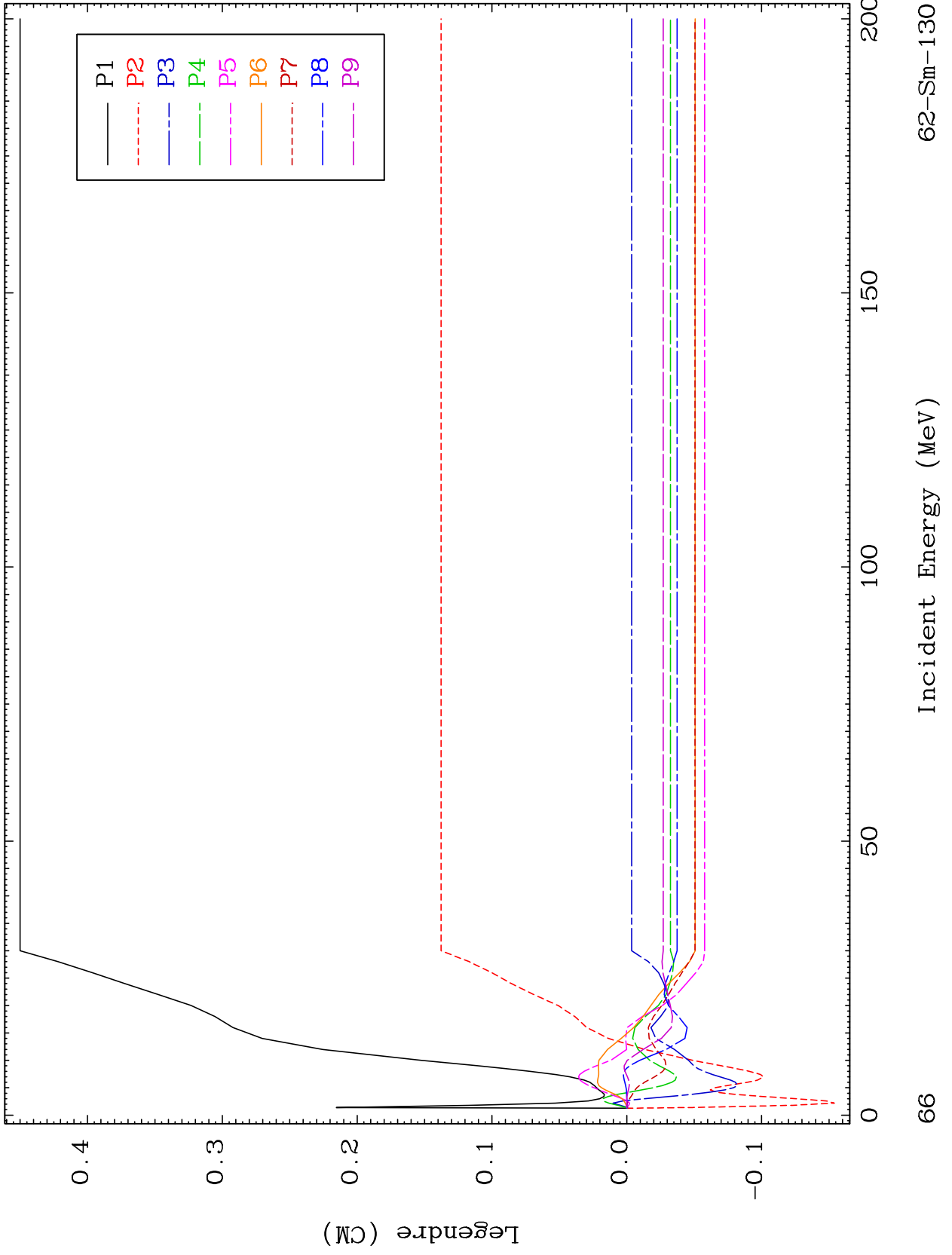
62-Sm-130



MAT 6183

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

62-Sm-130



66

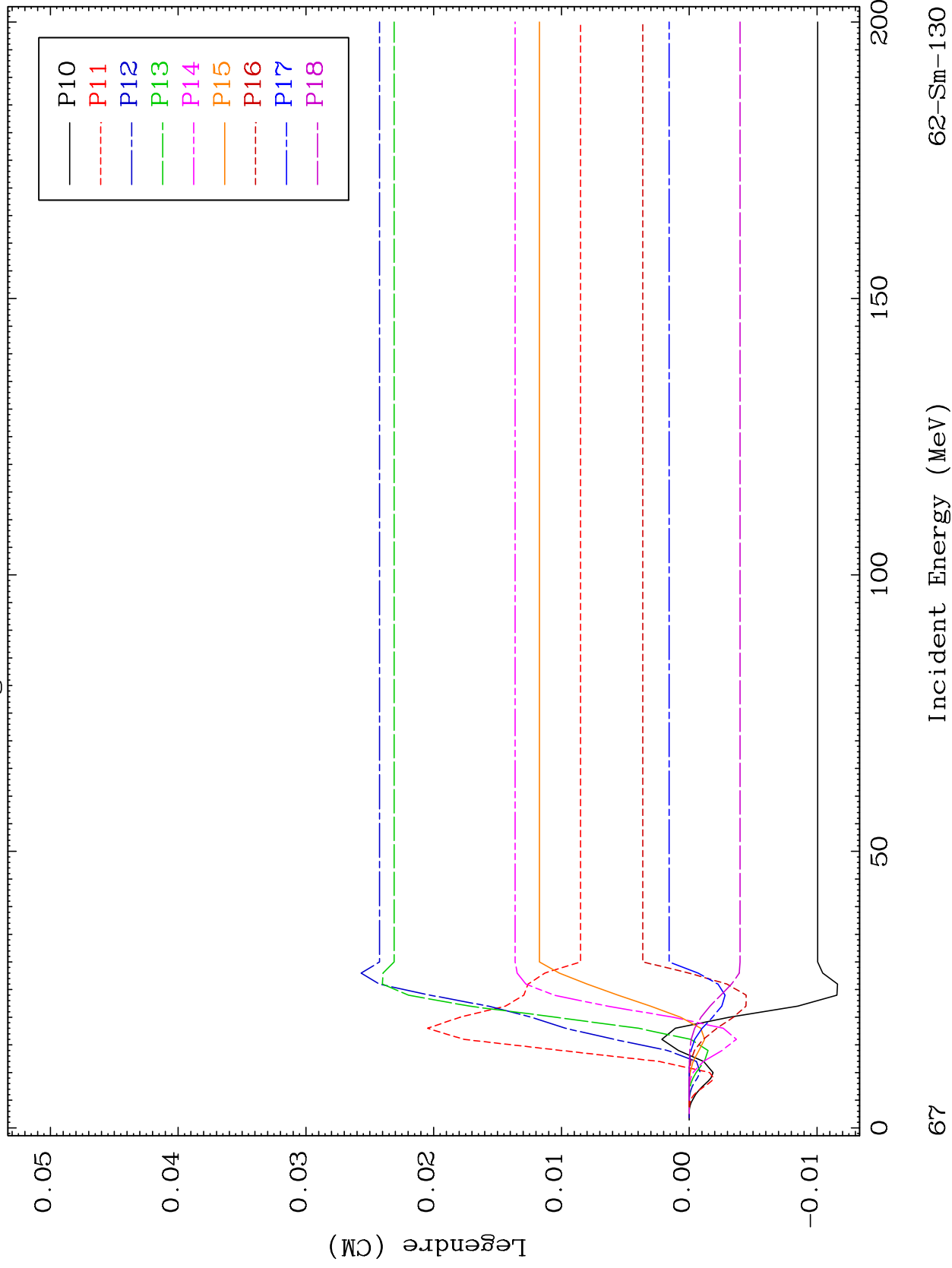
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

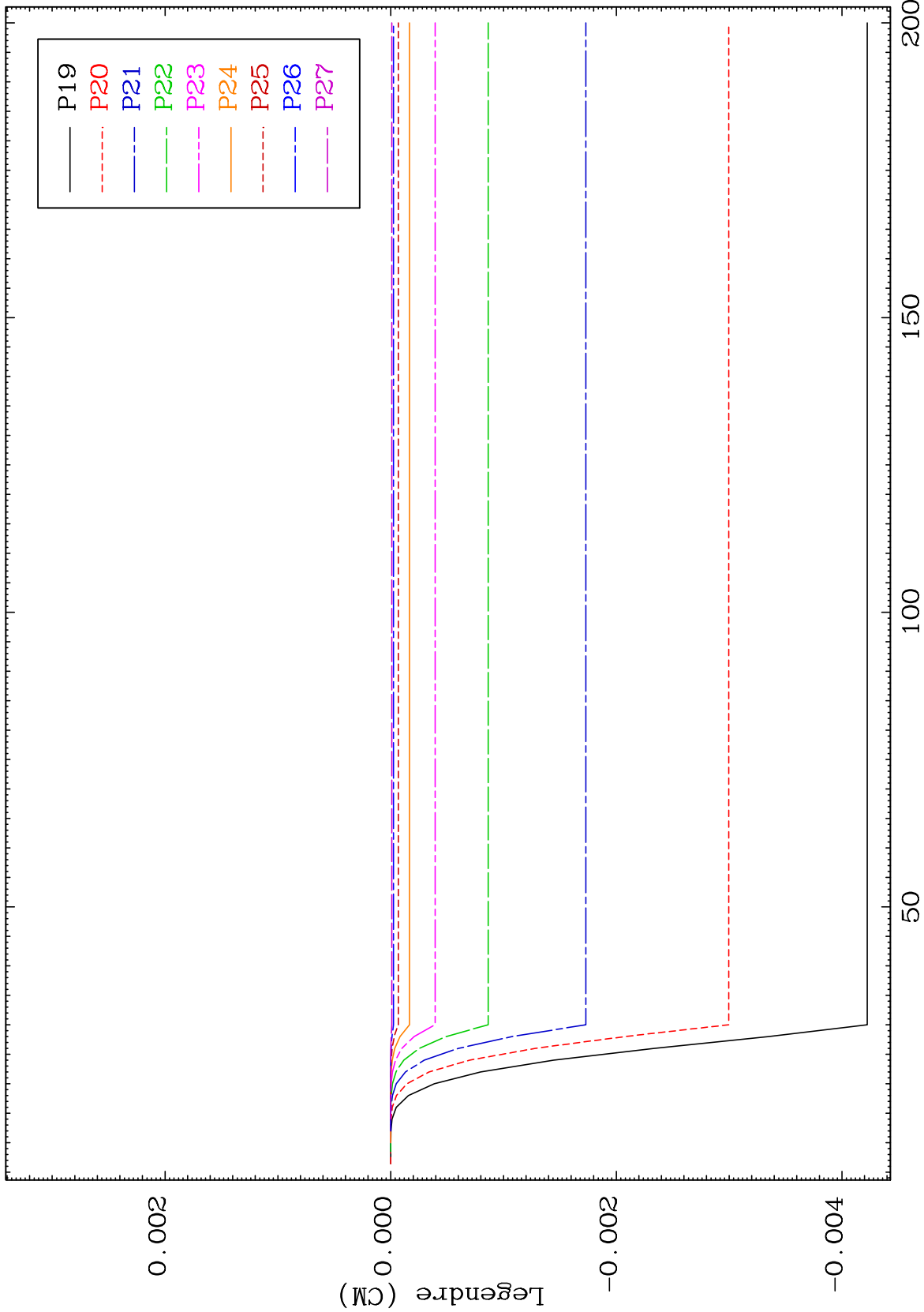
Incident Energy (MeV)

67

MAT 6183

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

62-Sm-130



68

Incident Energy (MeV)

62-Sm-130

