

Program EVALPLOT
(Version 2021-1)

by

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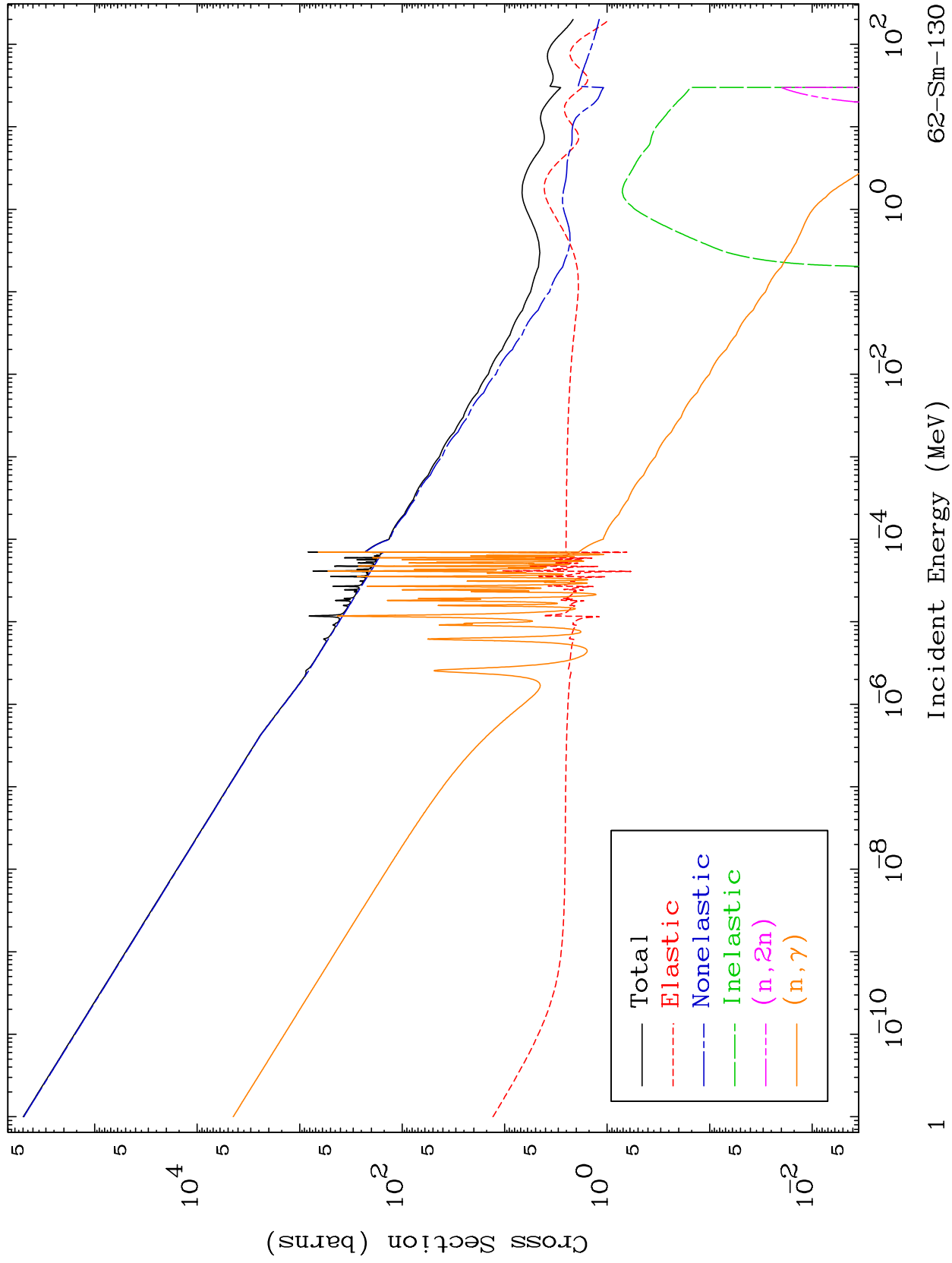
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6183

Neutron Major
293 Kelvin Cross Sections

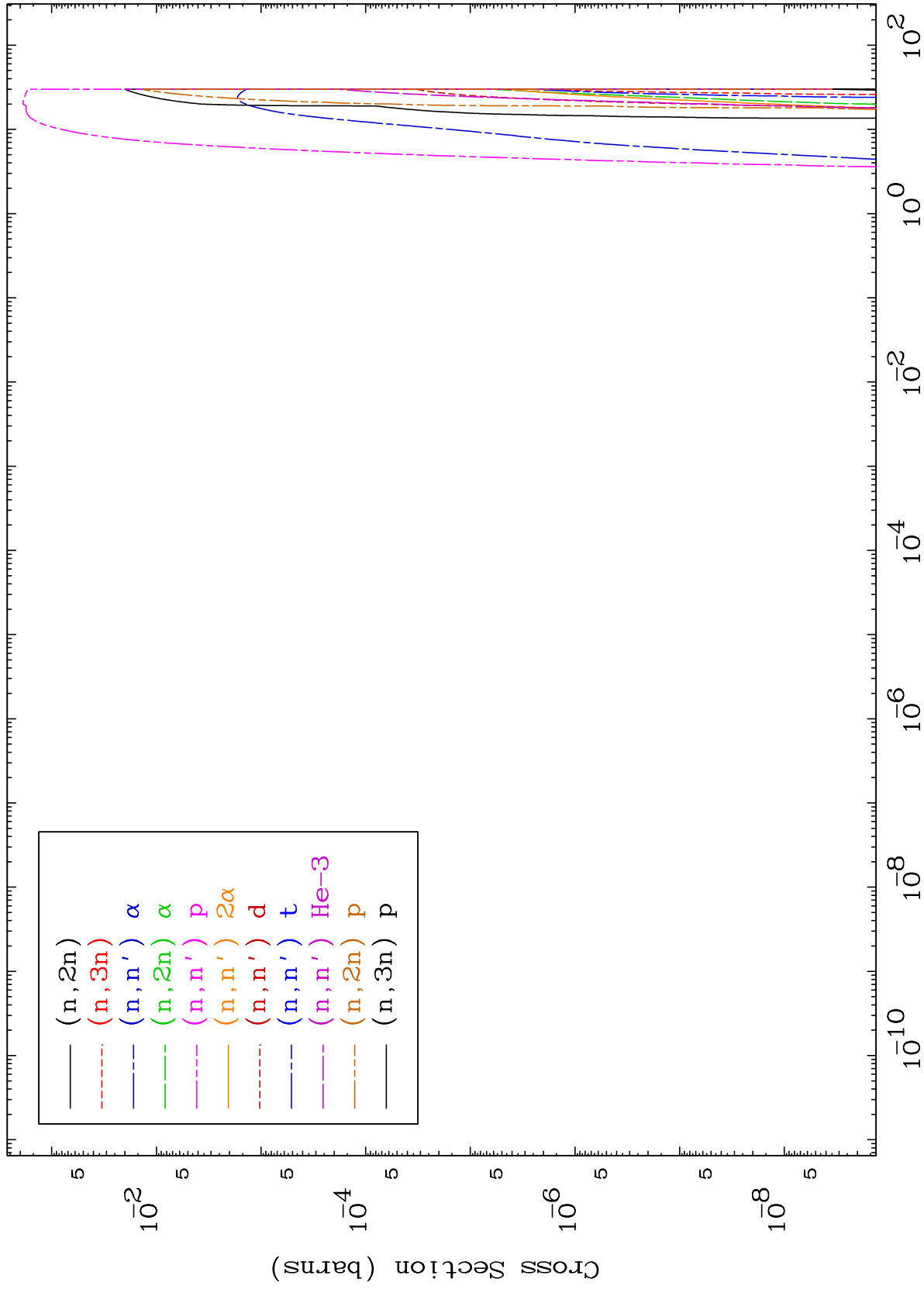
62-Sm-130



MAT 6183

Neutron Absorption
293 Kelvin Cross Sections

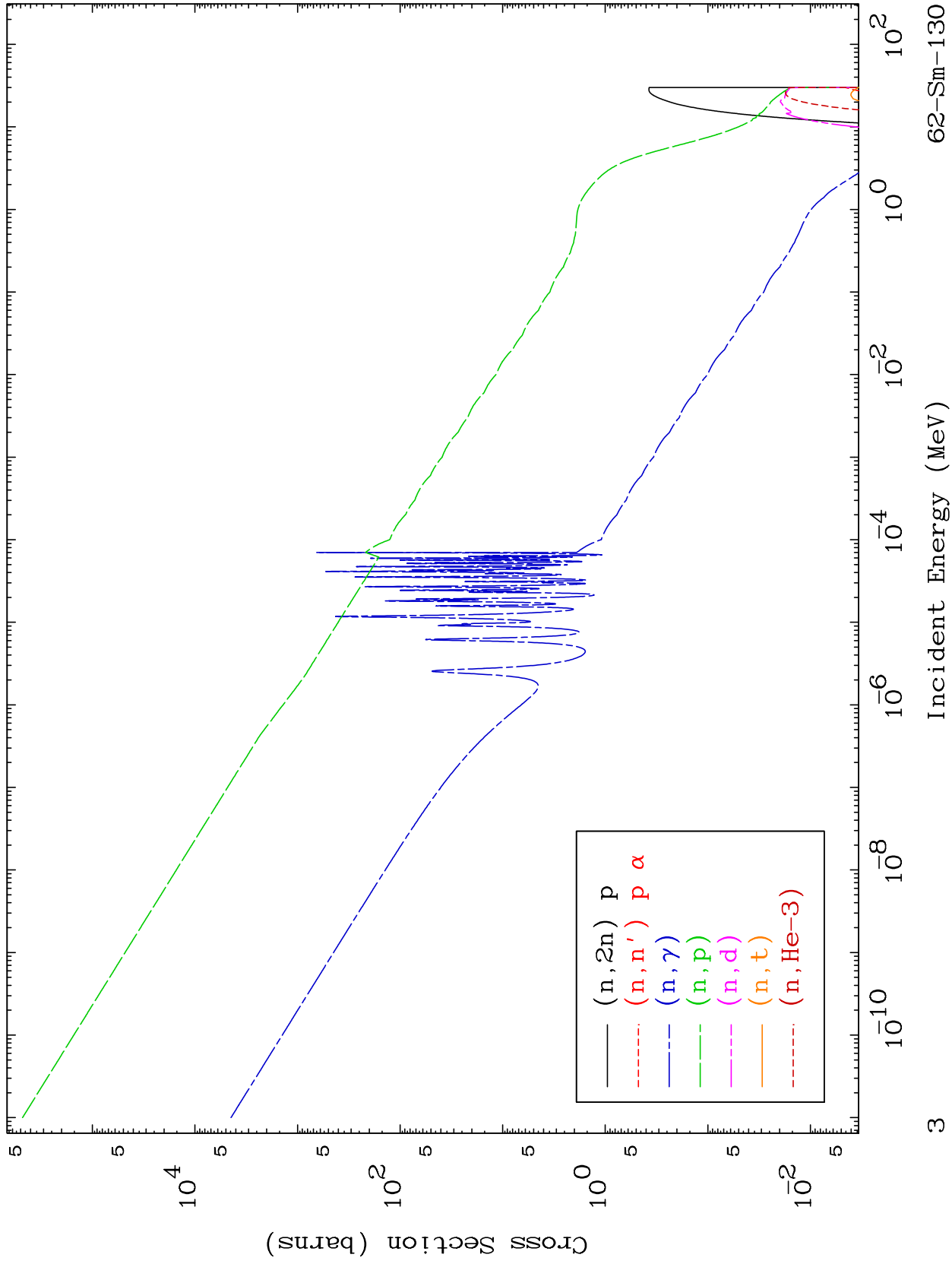
62-Sm-130



MAT 6183

Neutron Absorption
293 Kelvin Cross Sections

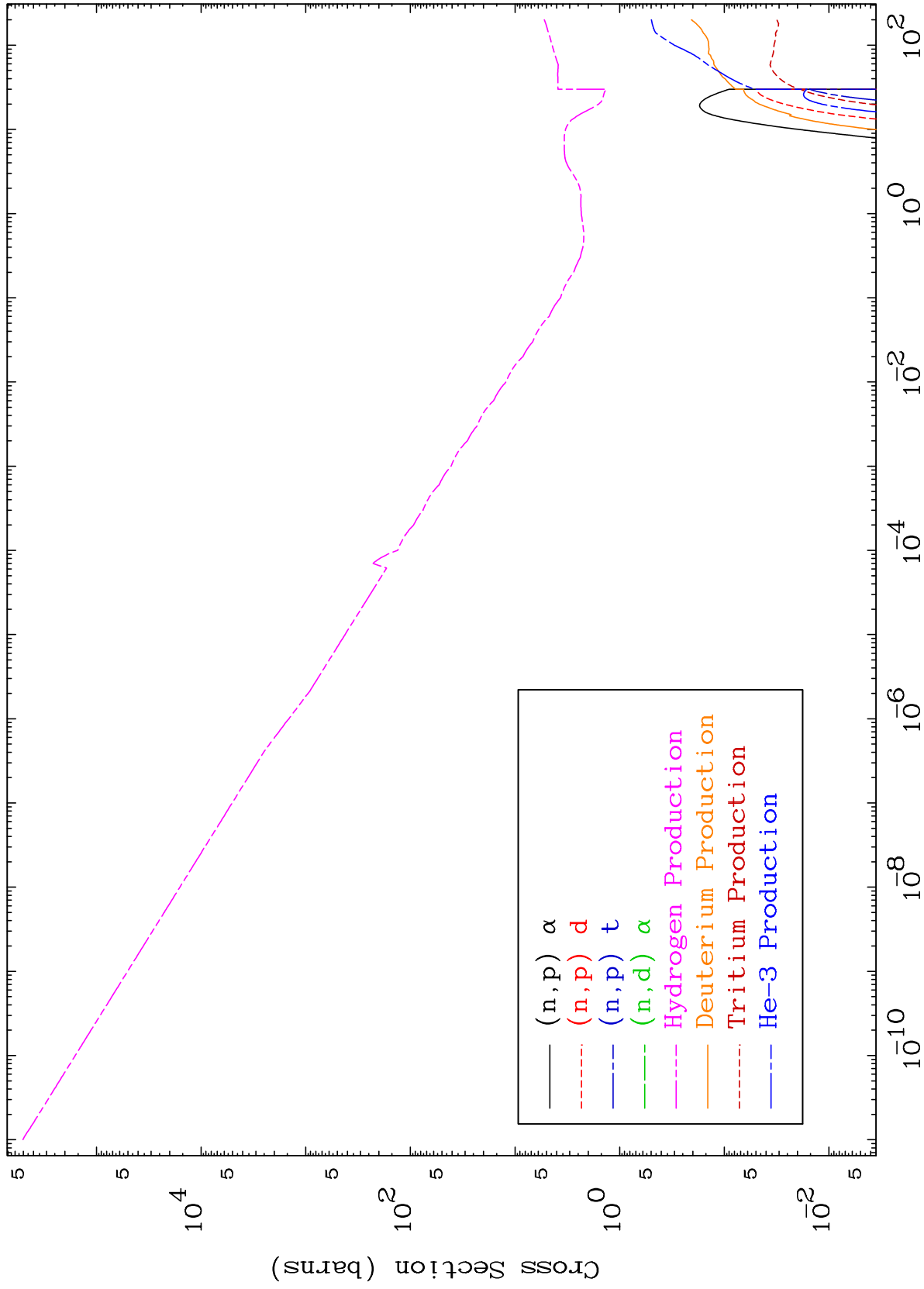
62-Sm-130



MAT 6183

Neutron Absorption
293 Kelvin Cross Sections

62-Sm-130



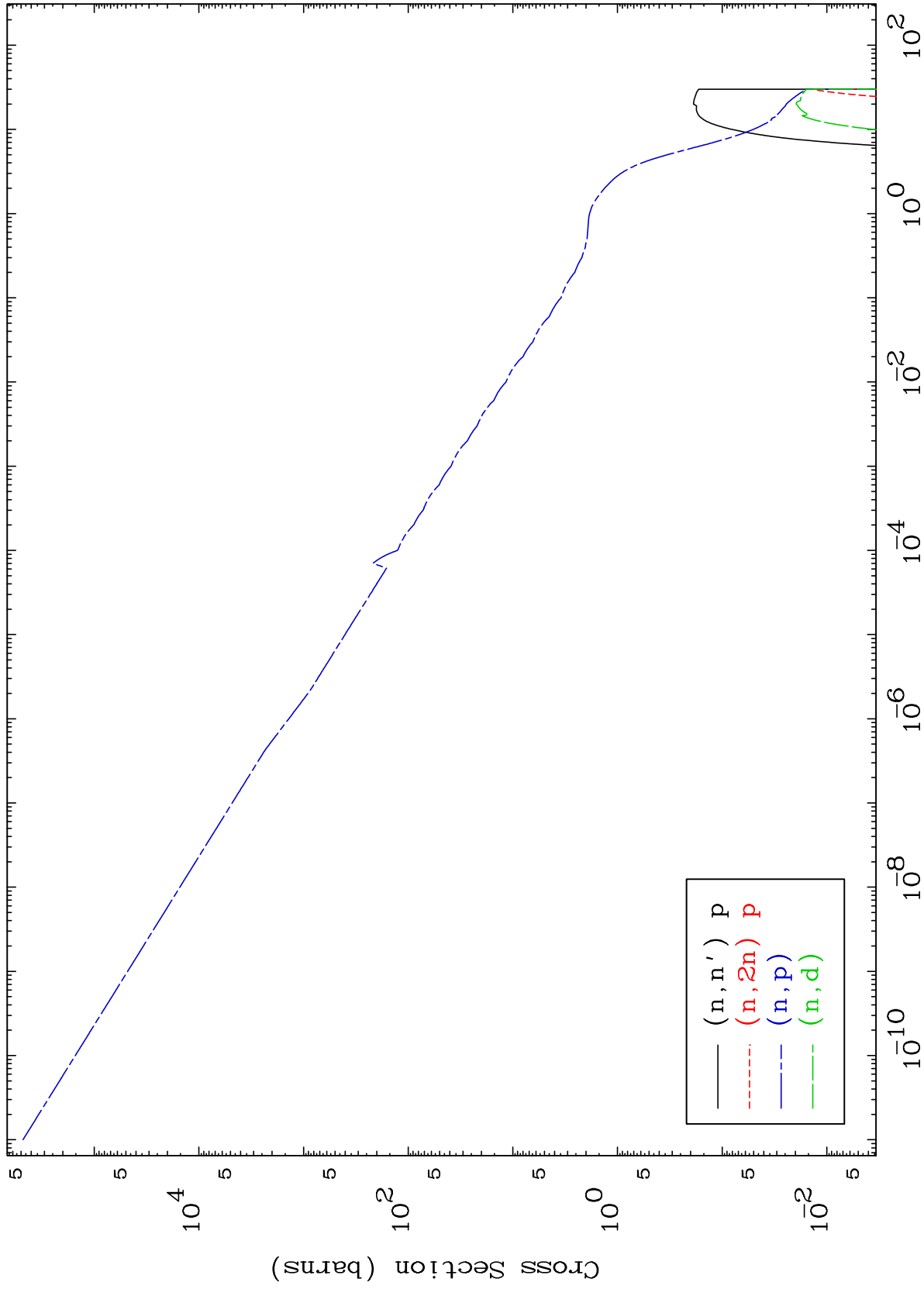
62-Sm-130

Incident Energy (MeV)

MAT 6183

Charged Particle
293 Kelvin Cross Sections

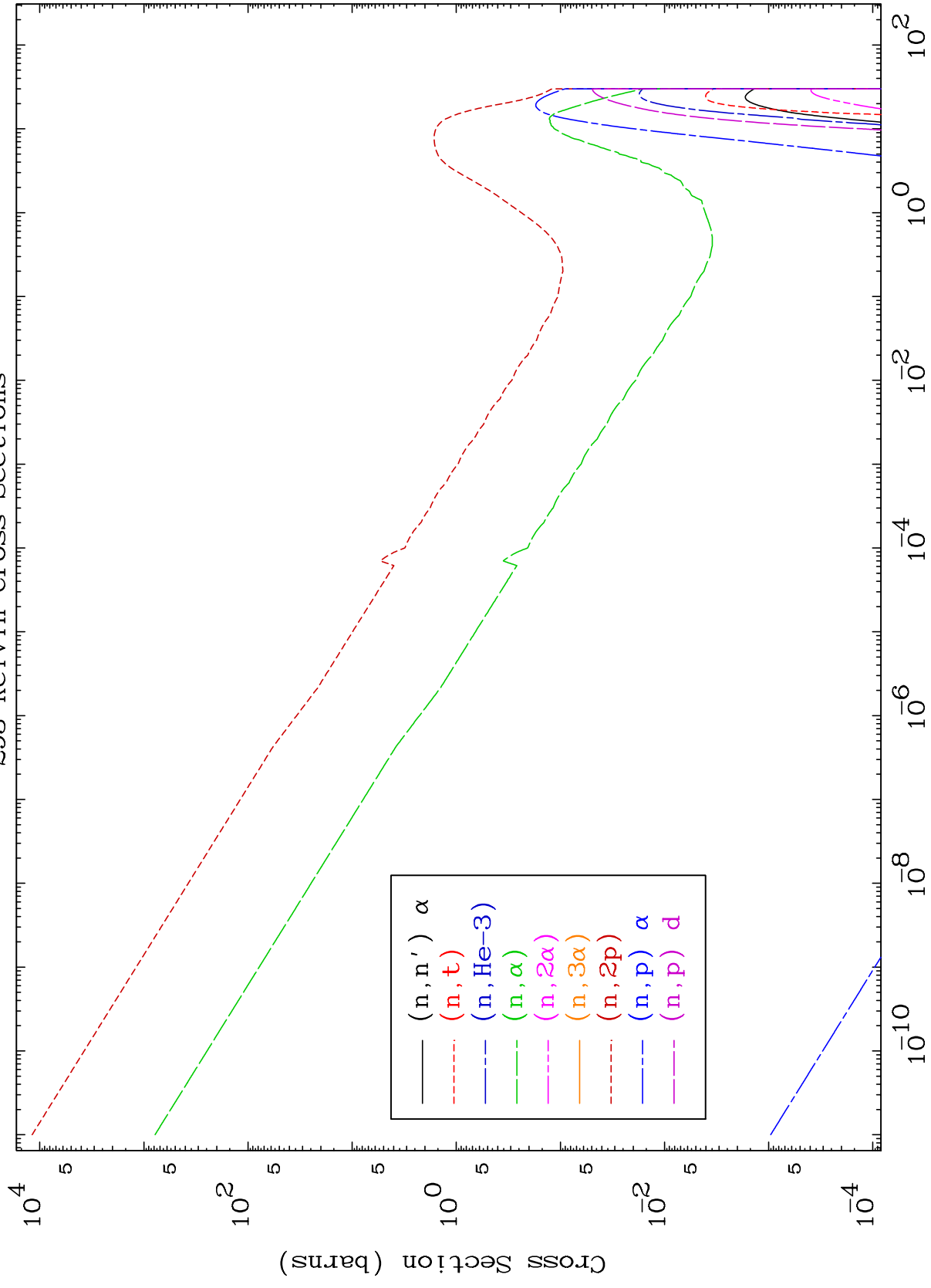
62-Sm-130



MAT 6183

293 Kelvin Cross Sections

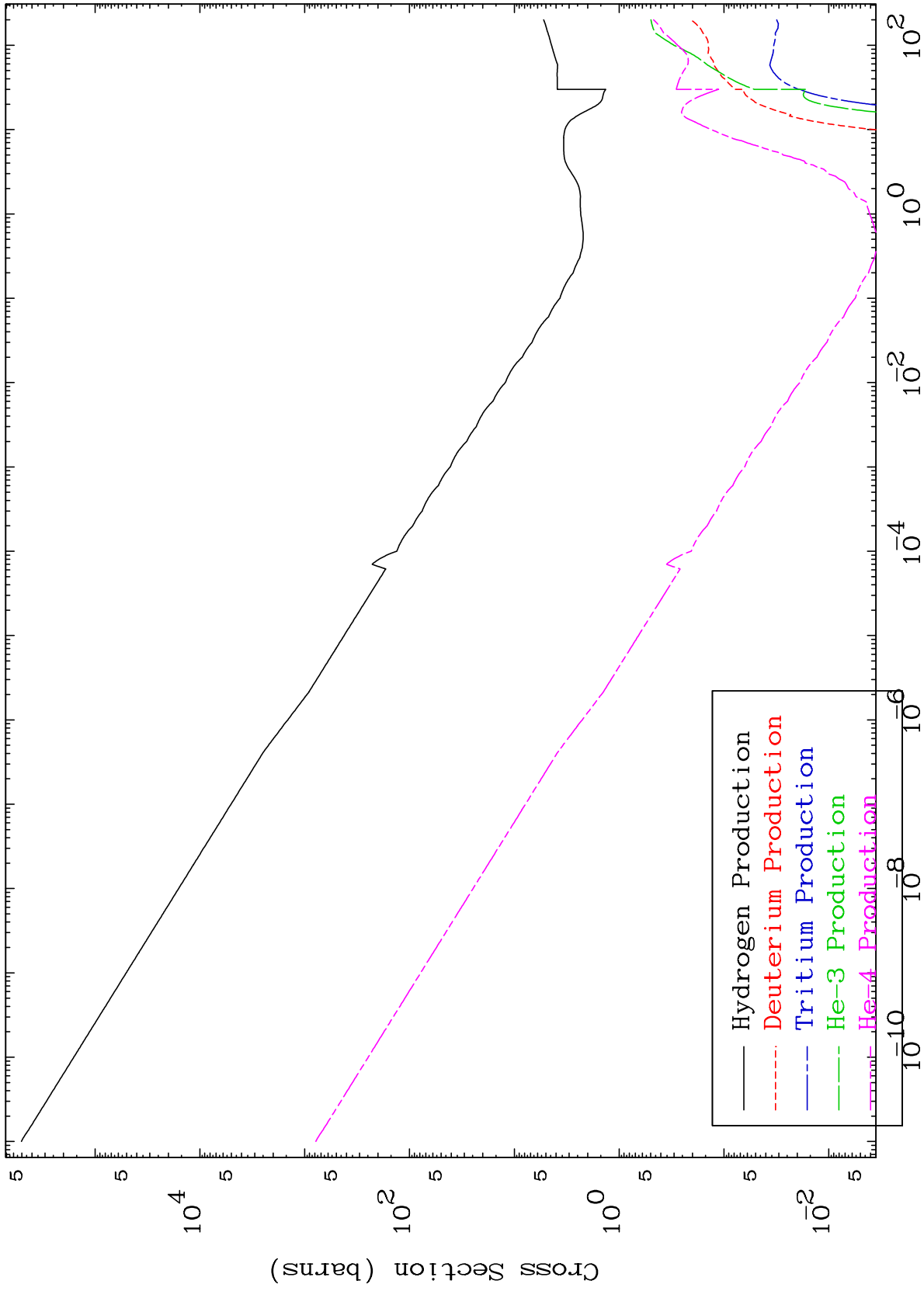
62-Sm-130



MAT 6183

Particle Production
293 Kelvin Cross Sections

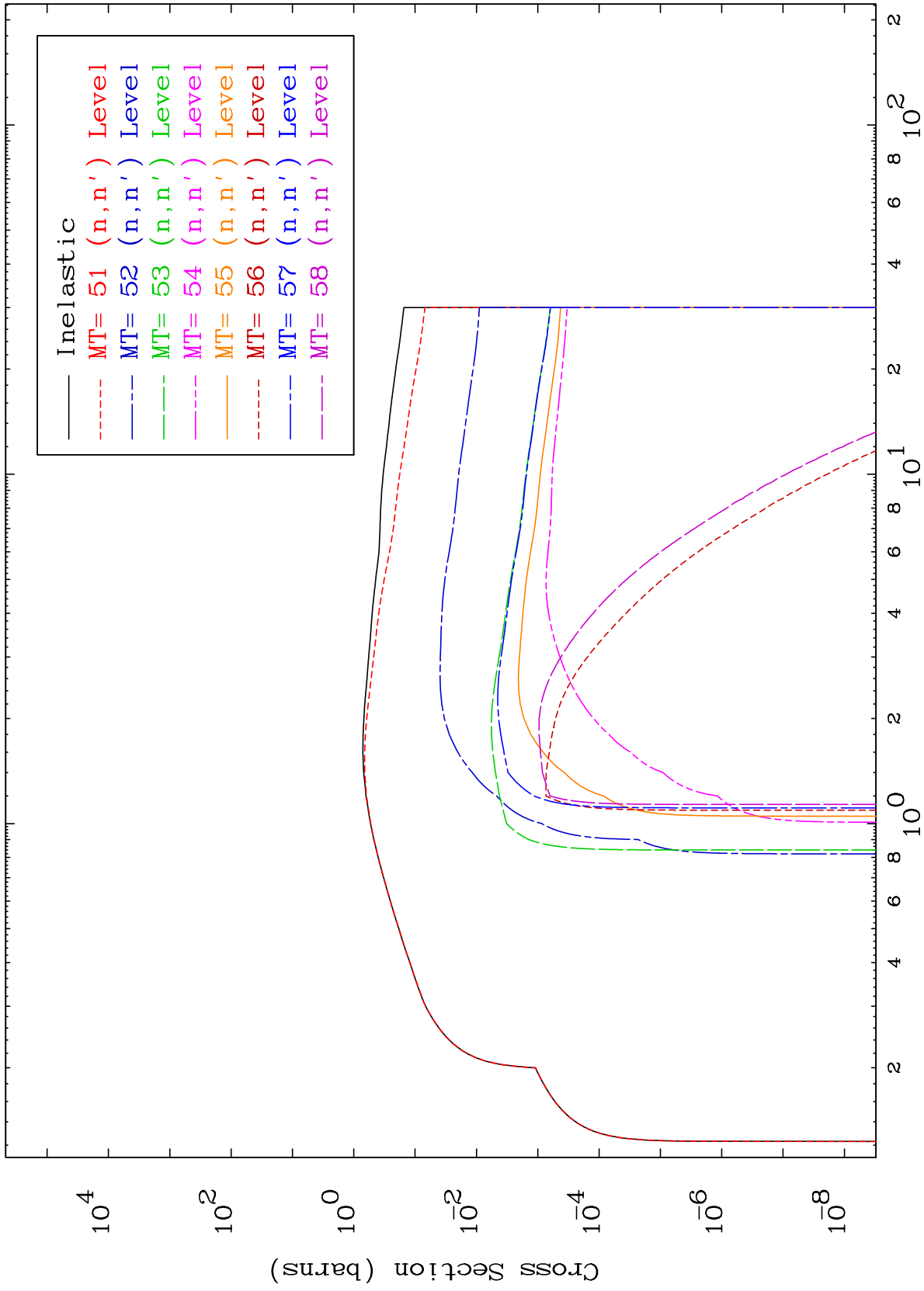
62-Sm-130



MAT 6183

(n,n') Levels
293 Kelvin Cross Sections

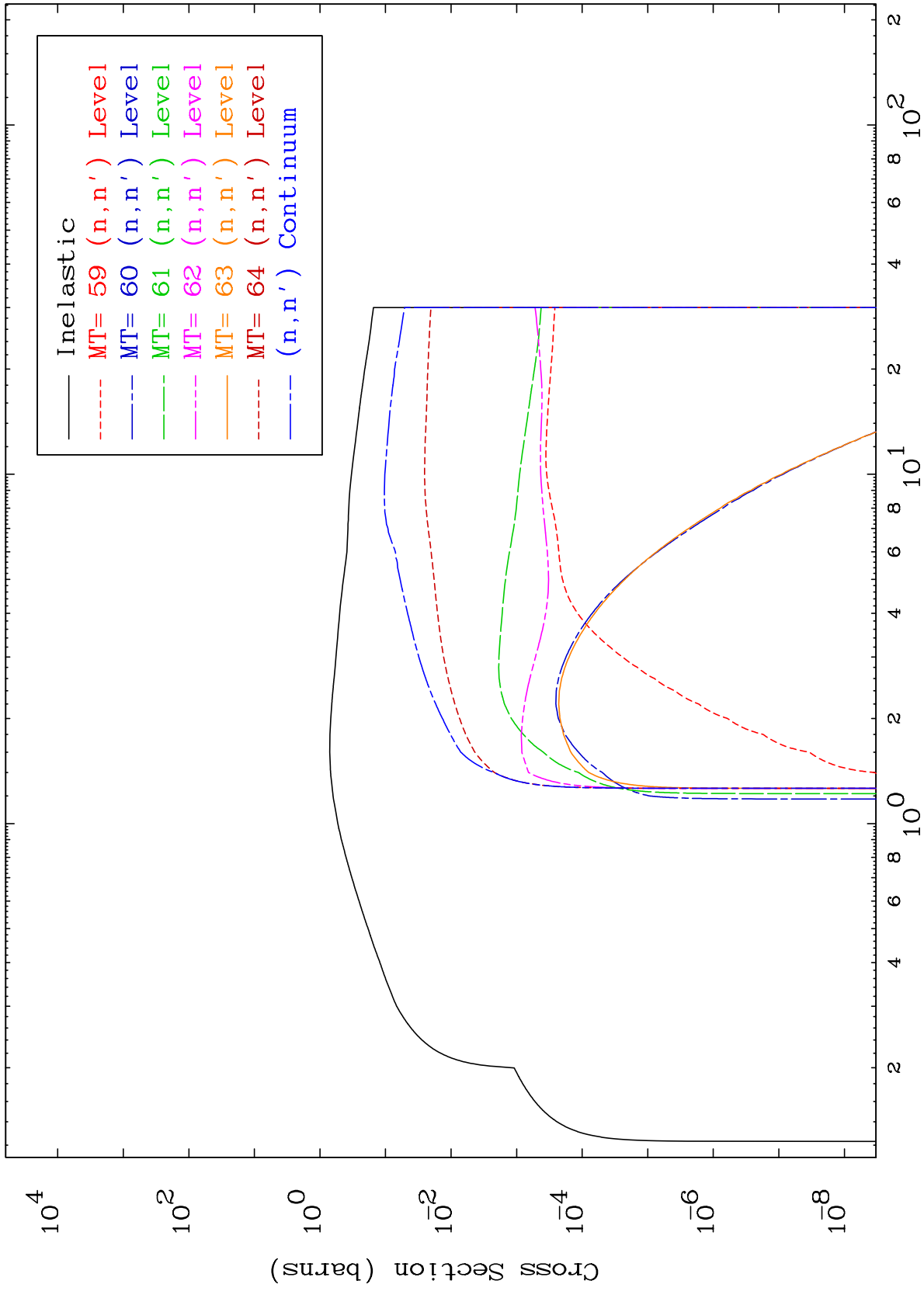
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MAT 6183

(n,n') Levels
293 Kelvin Cross Sections

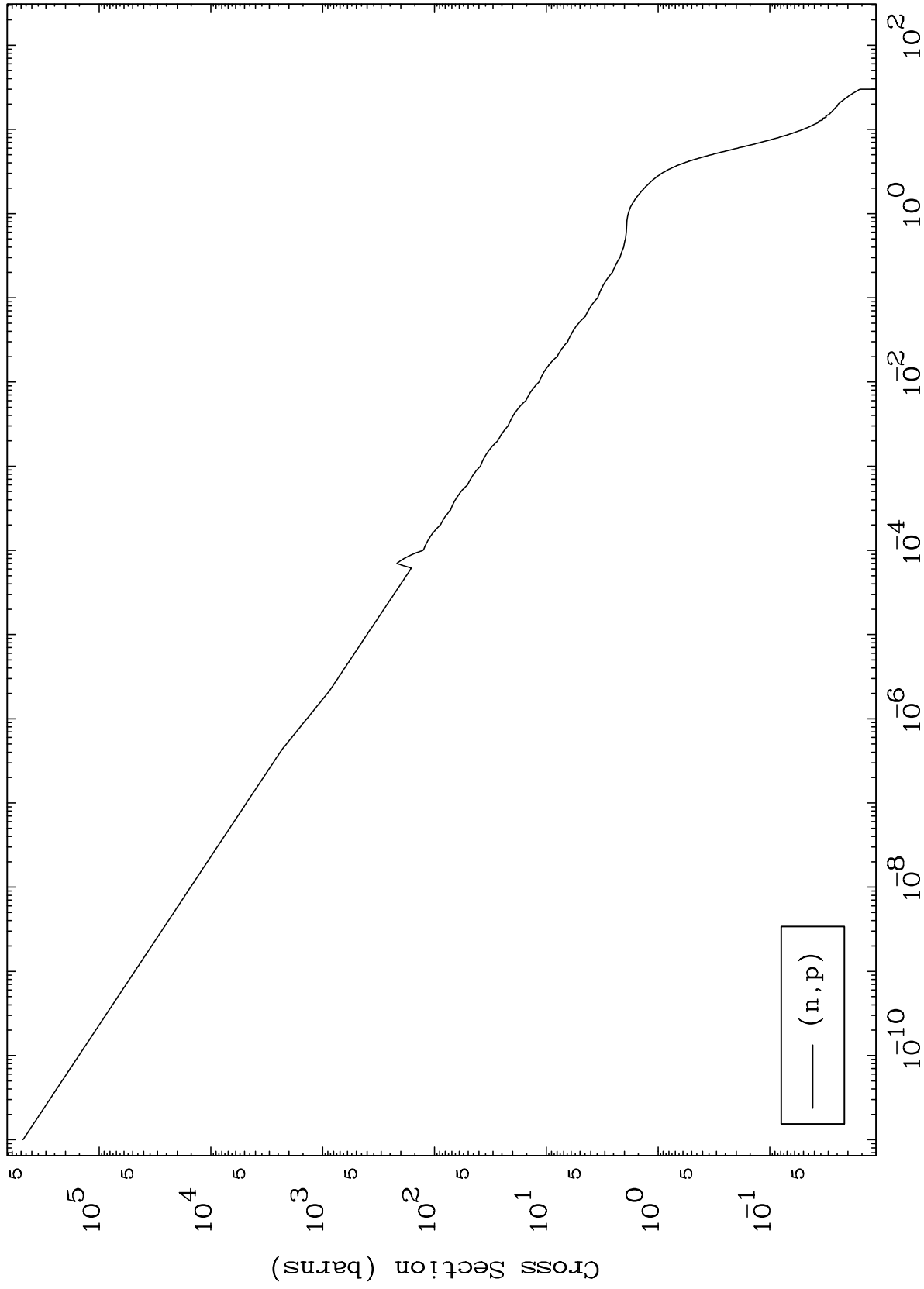
62-Sm-130



MAT 6183

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-130



10

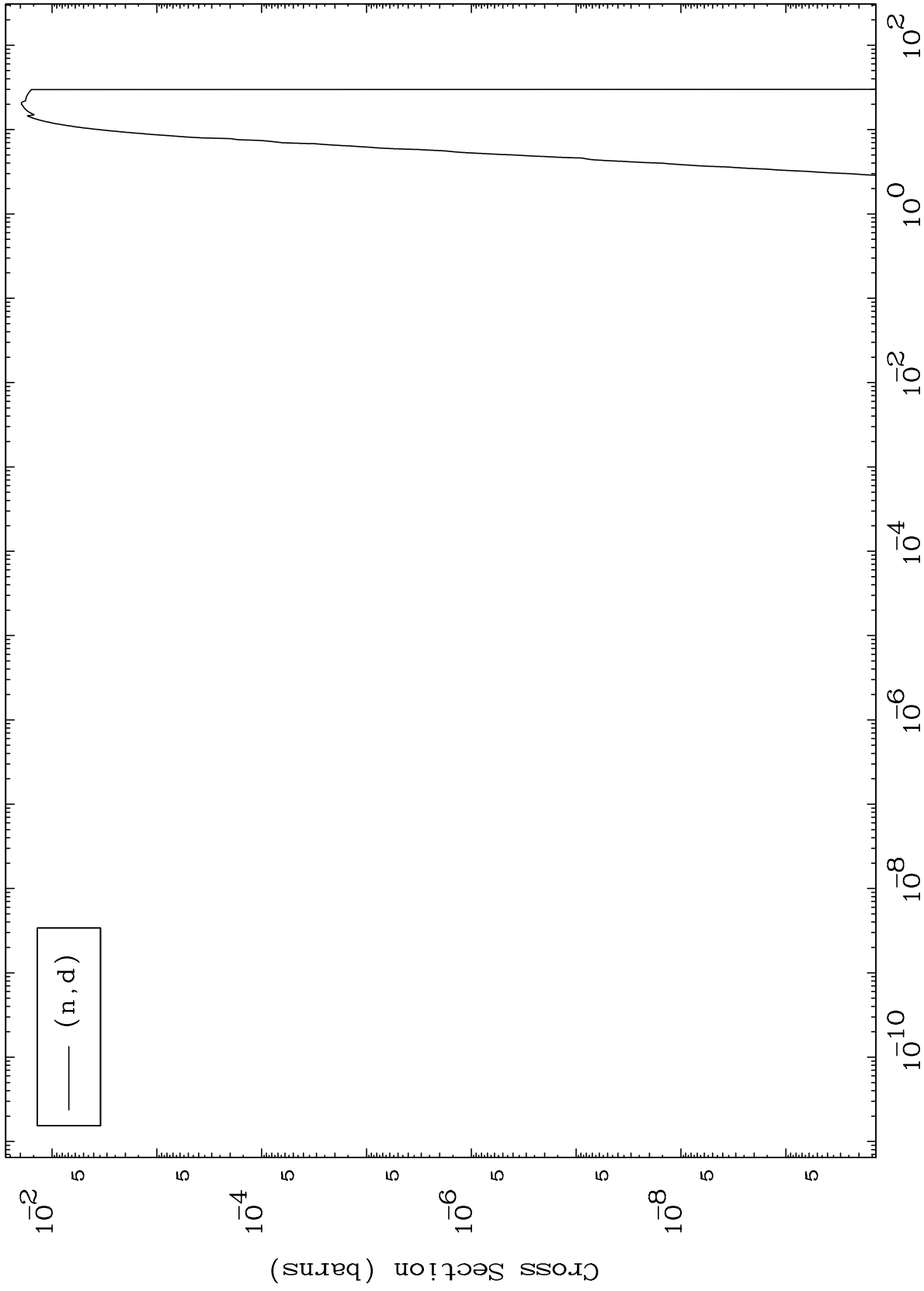
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,d) Levels
293 Kelvin Cross Sections

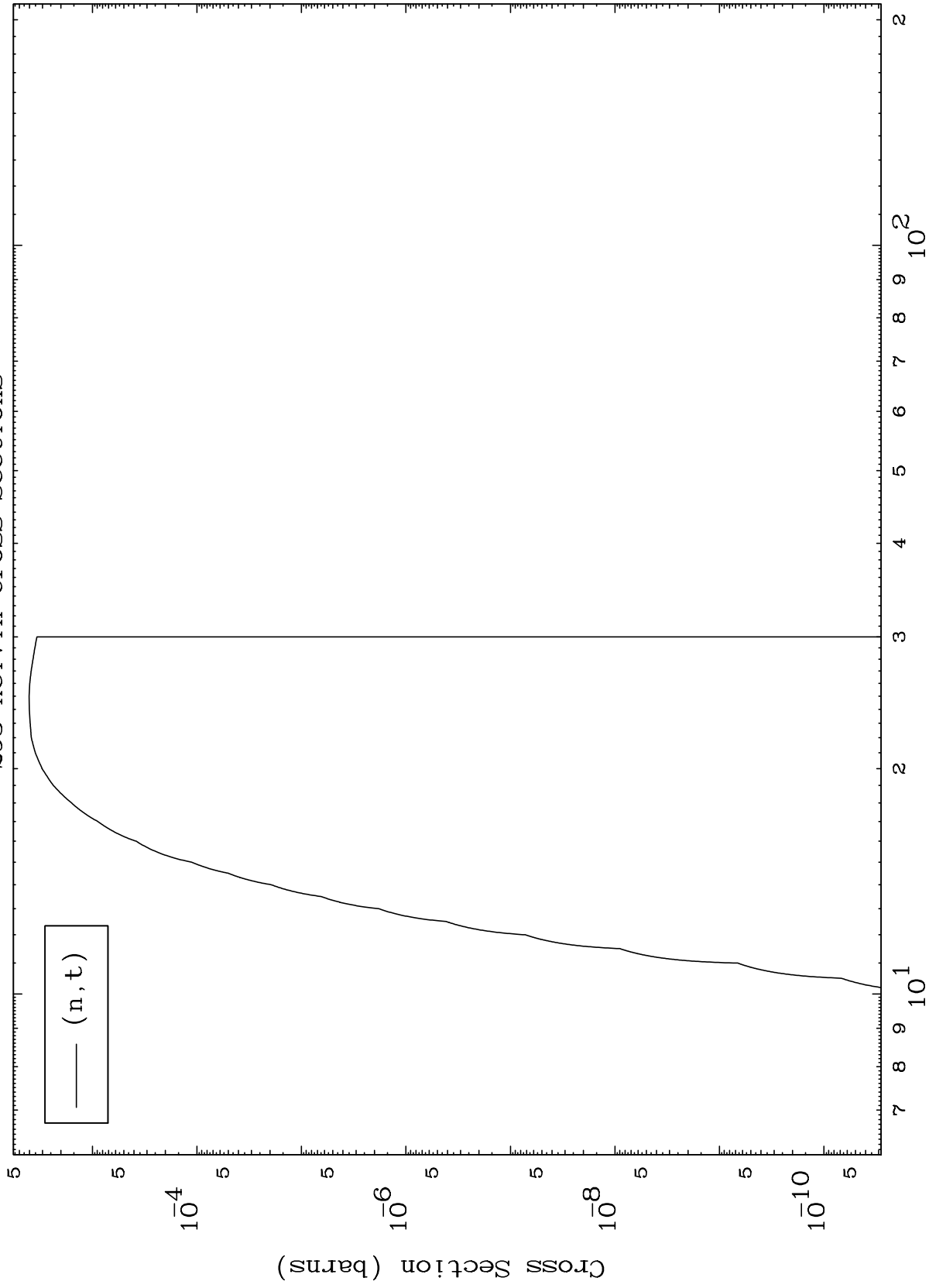
62-Sm-130



MAT 6183

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-130



12

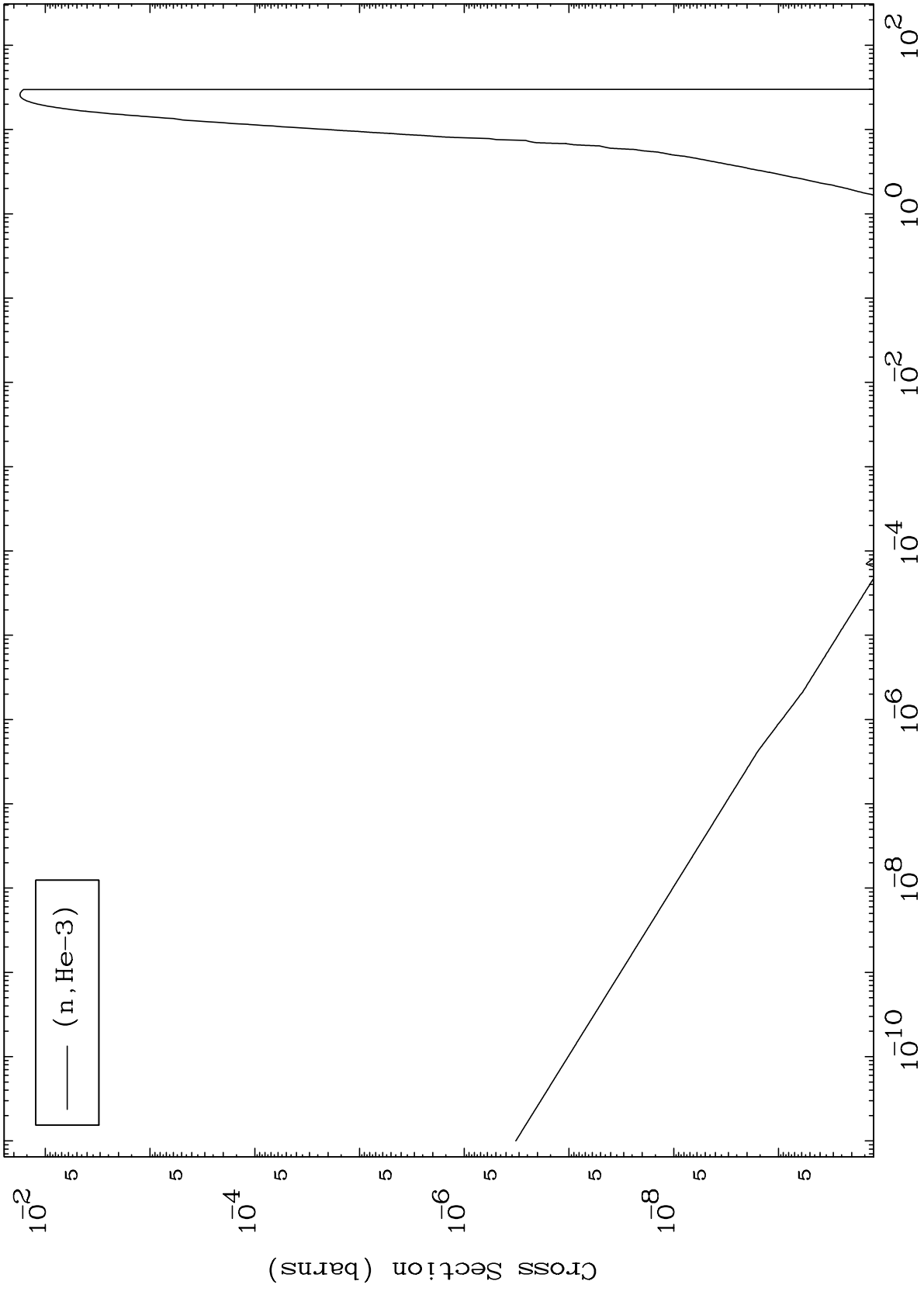
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,He3) Levels
293 Kelvin Cross Sections

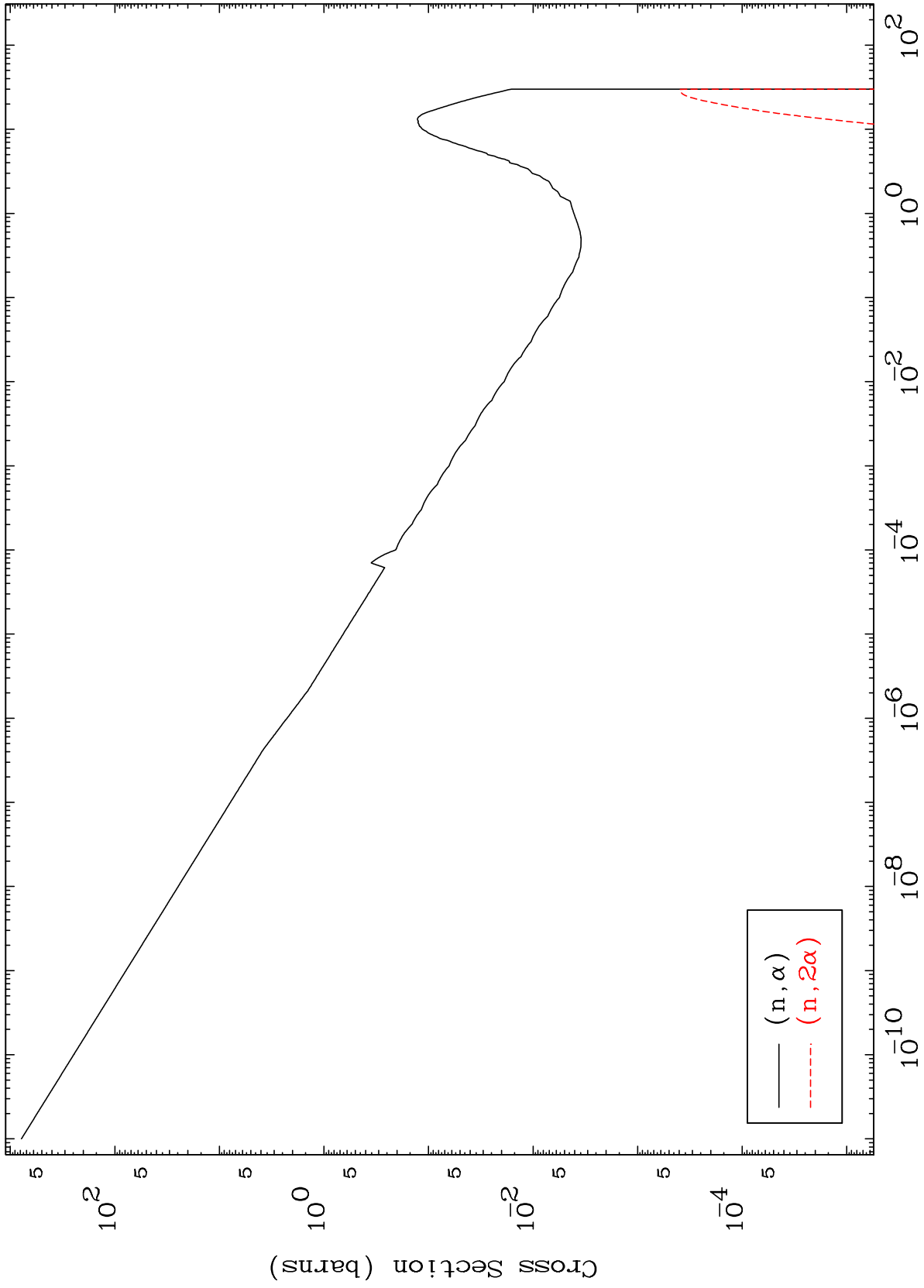
62-Sm-130



MAT 6183

(n,α) Levels
293 Kelvin Cross Sections

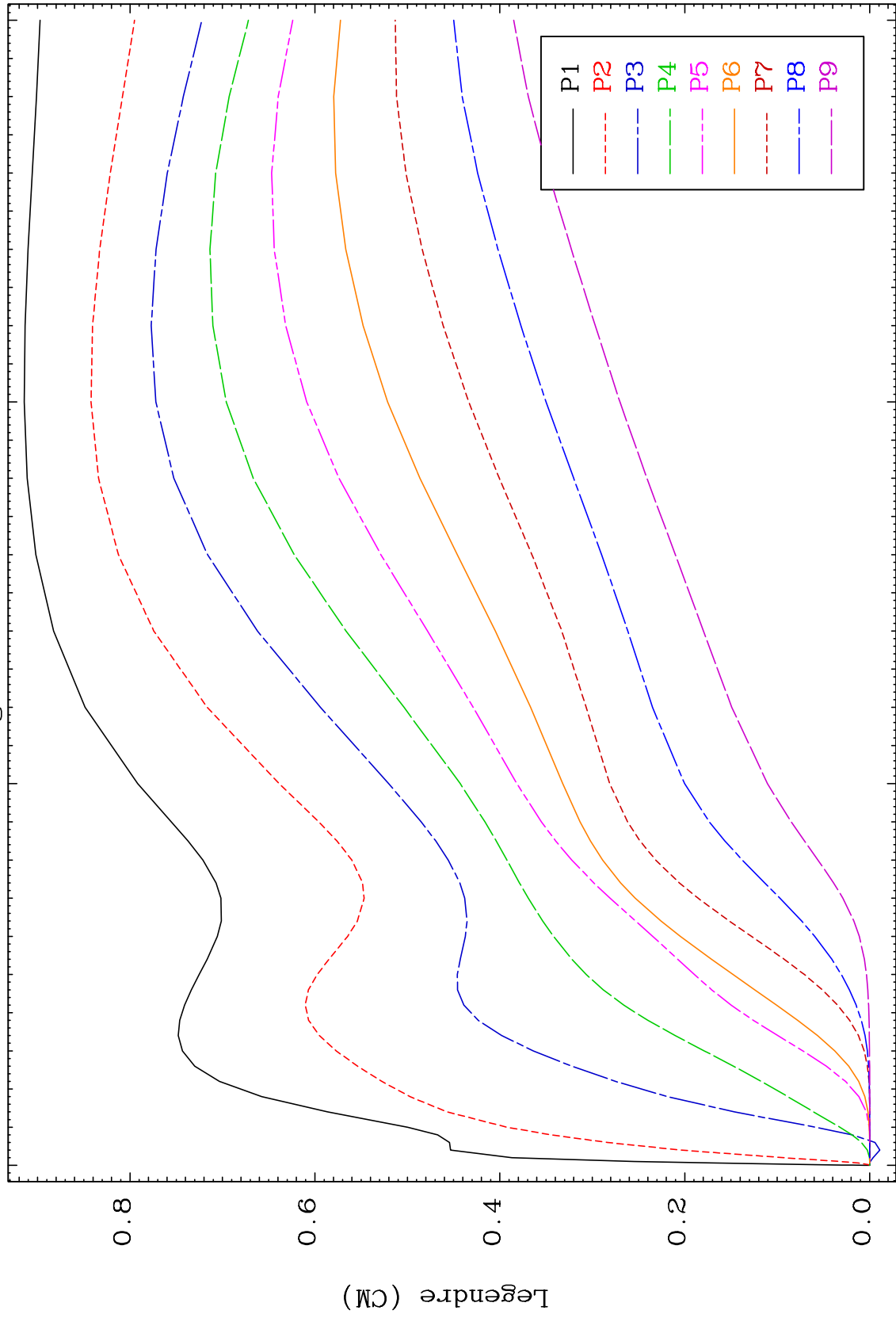
62-Sm-130



MAT 6183

Elastic Legendre Coefficients

62-Sm-130



0

15

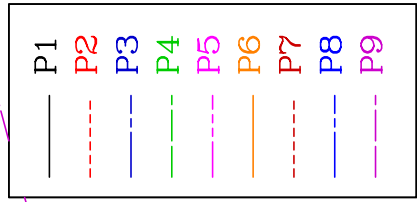
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20

30

Incident Energy (MeV)

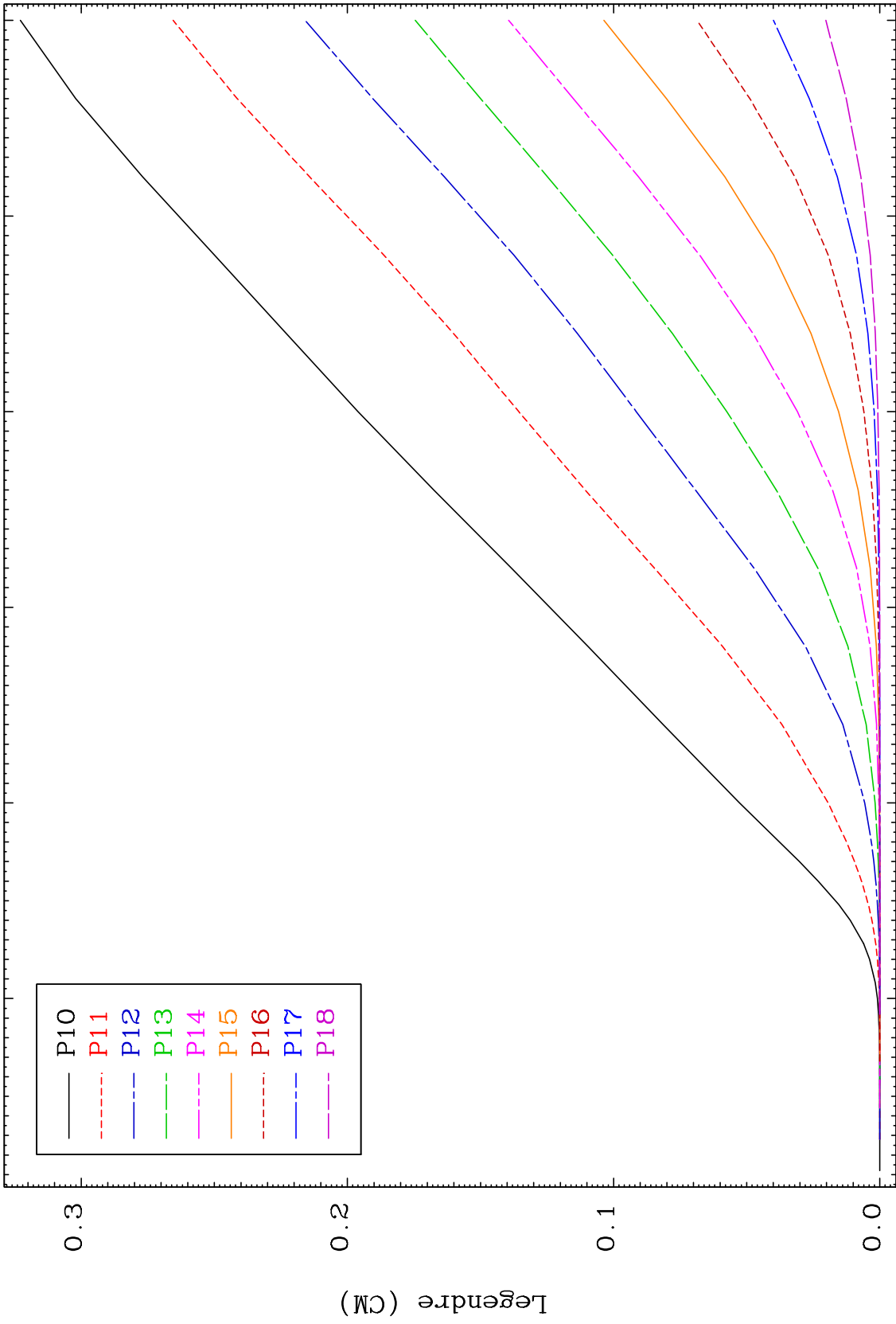
62-Sm-130



MAT 6183

Elastic Legendre Coefficients

62-Sm-130



16

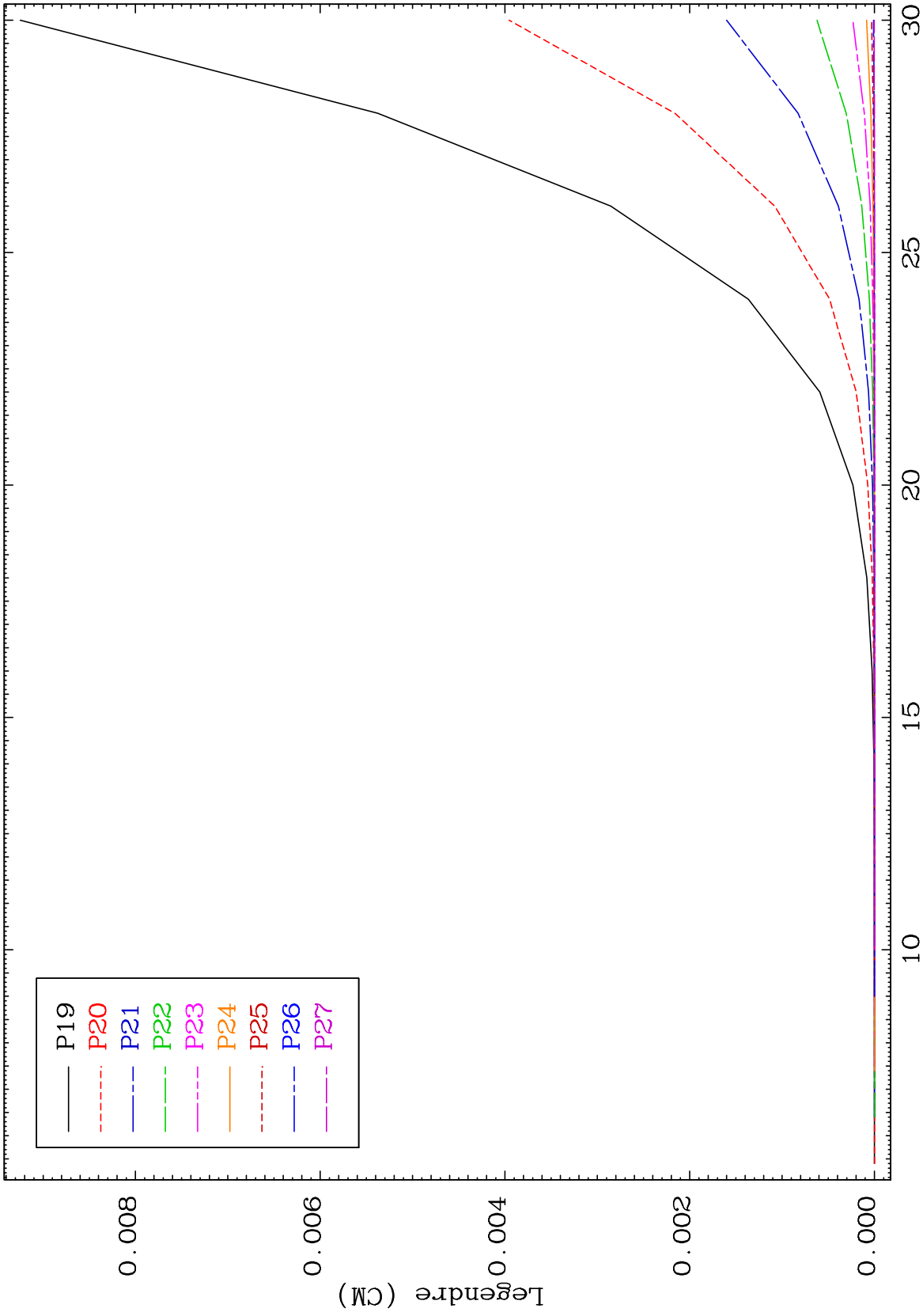
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

62-Sm-130



17

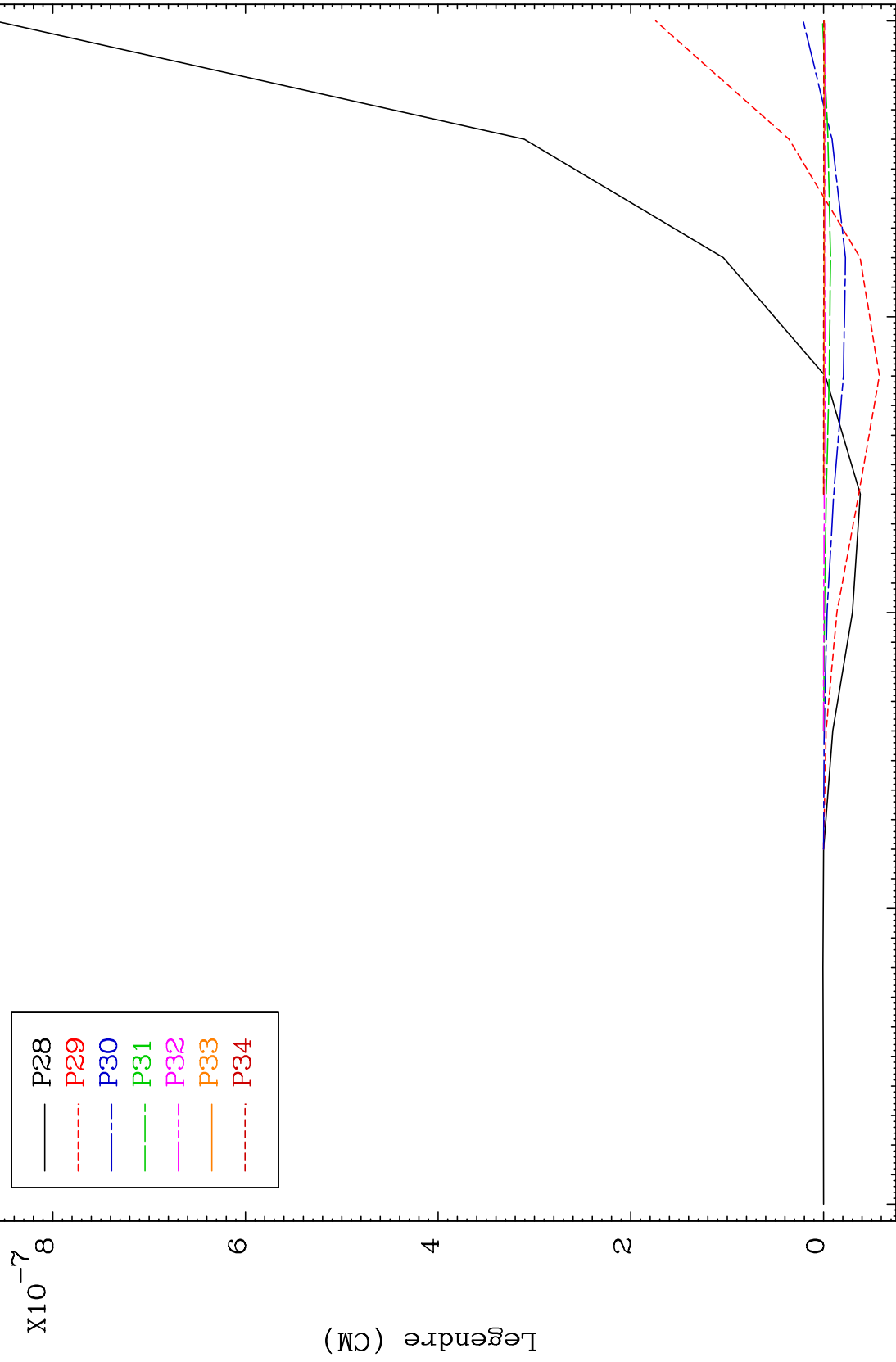
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

62-Sm-130



18

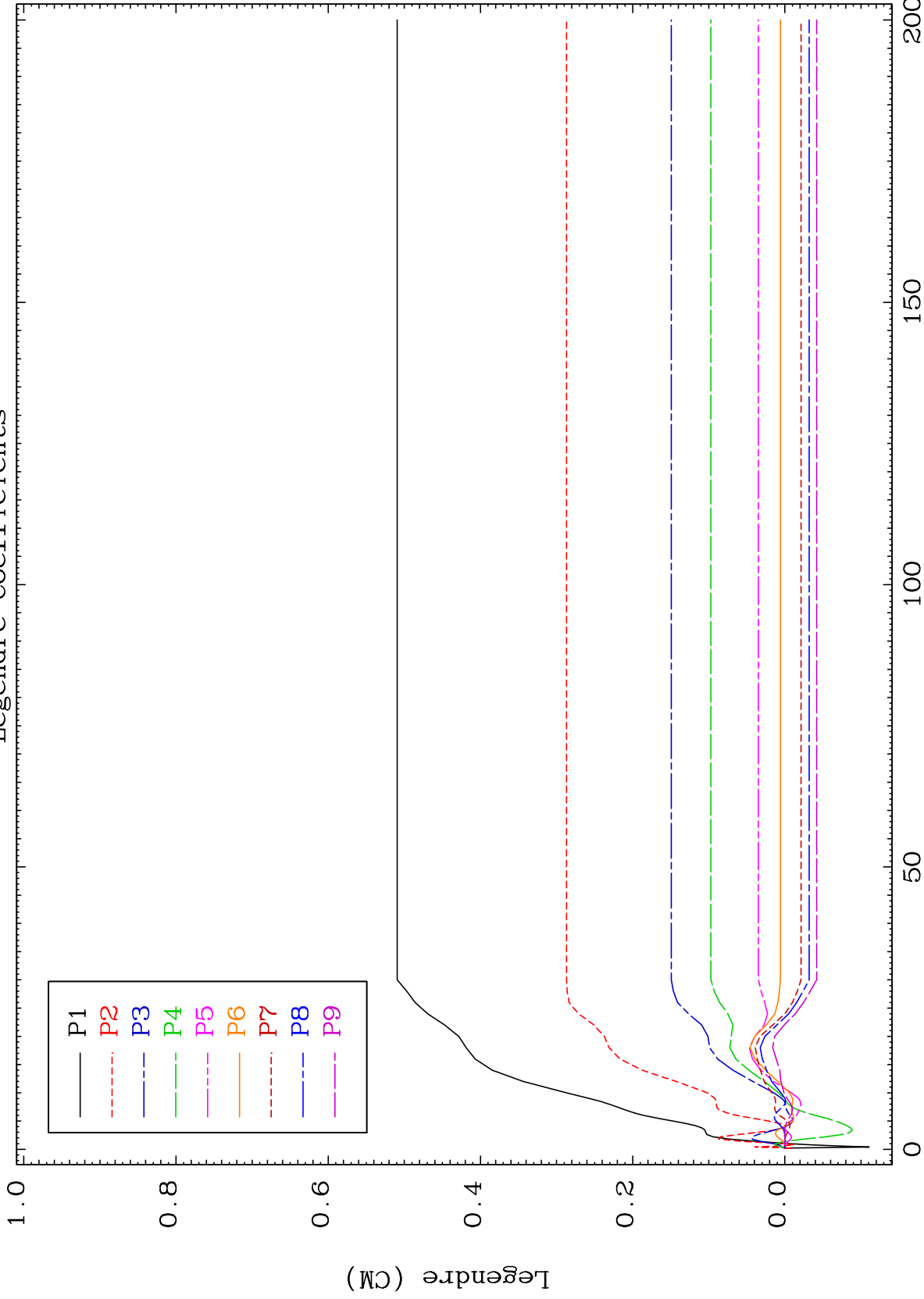
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



19

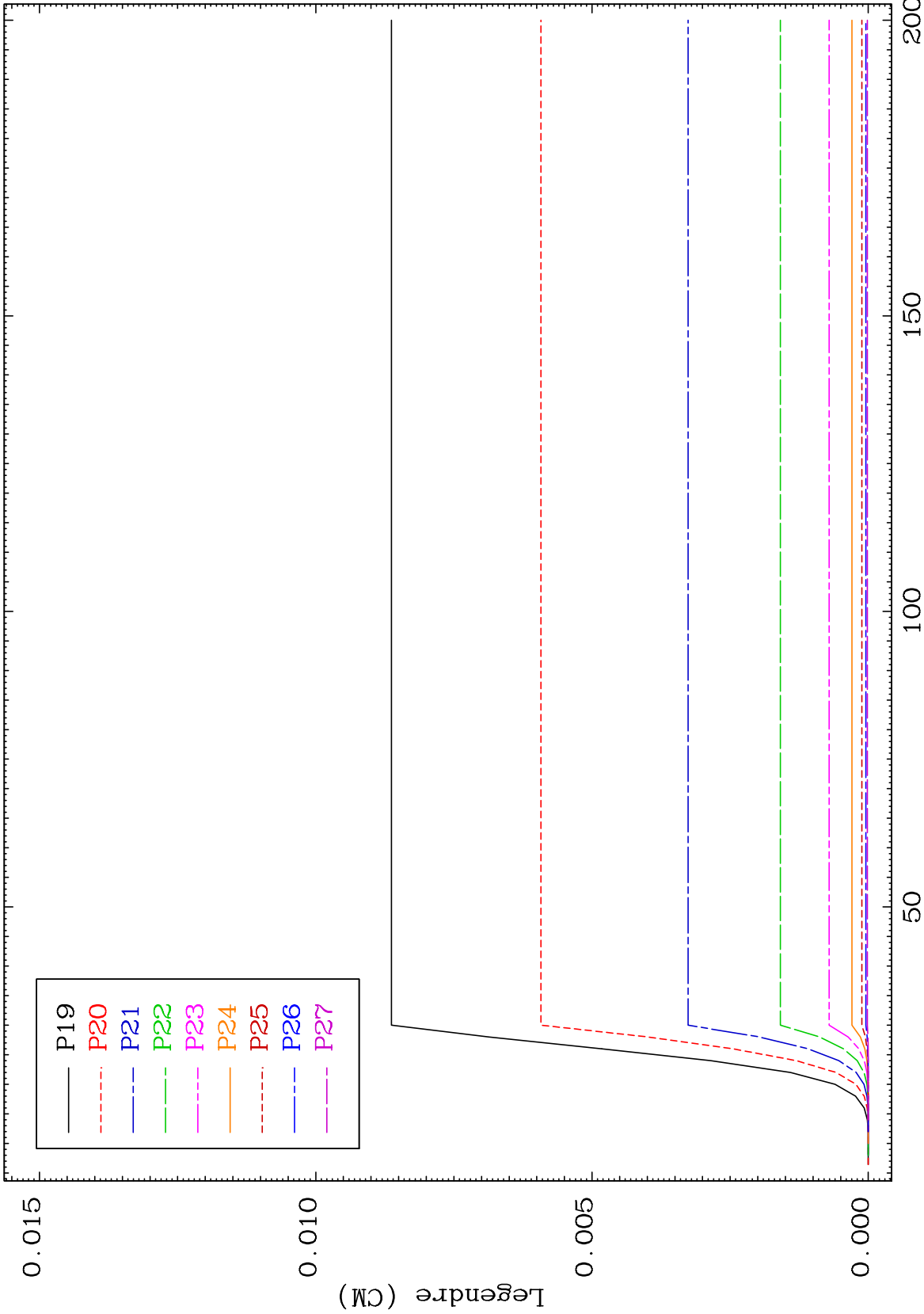
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

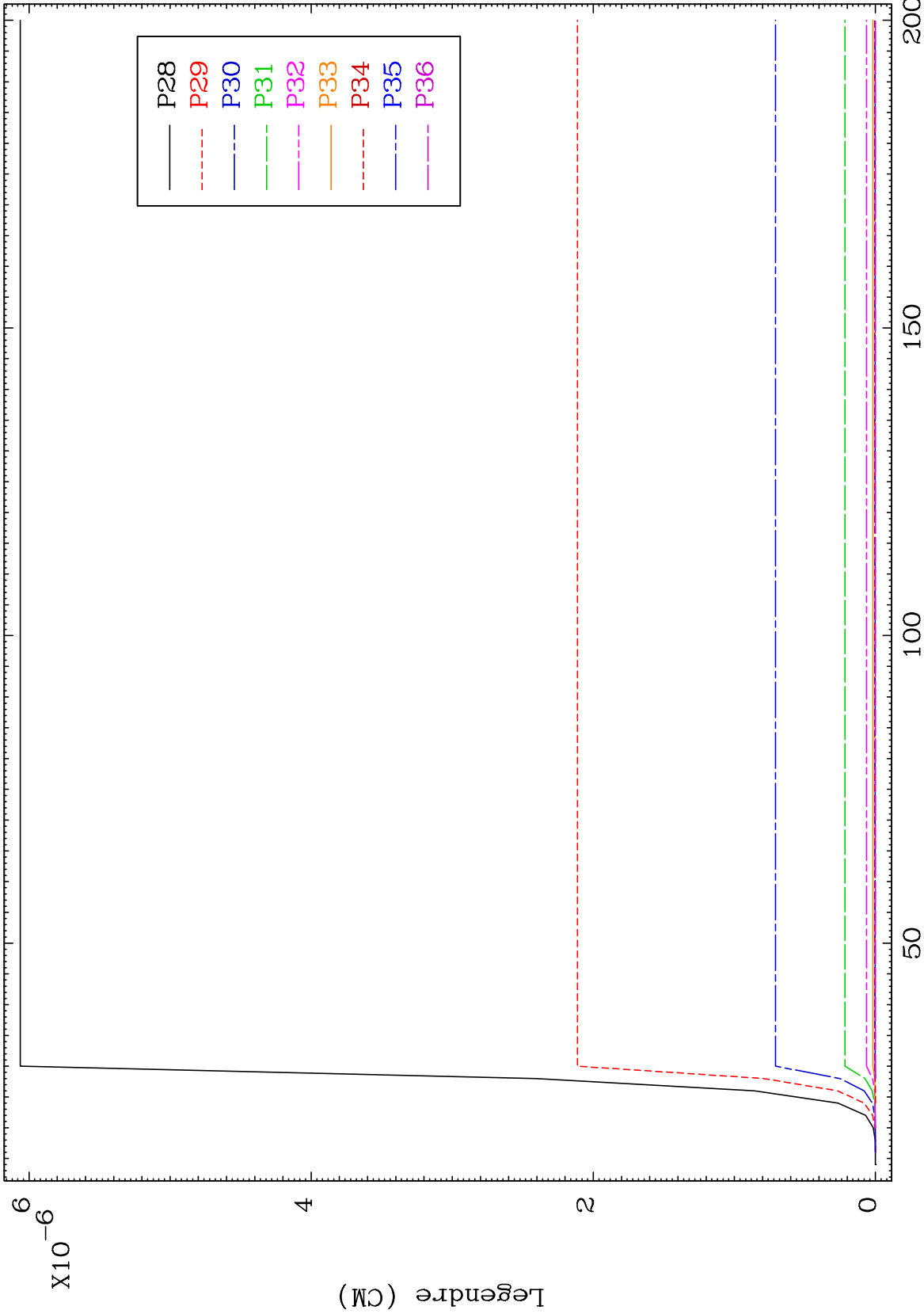
62-Sm-130



MAT 6183

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

62-Sm-130



22

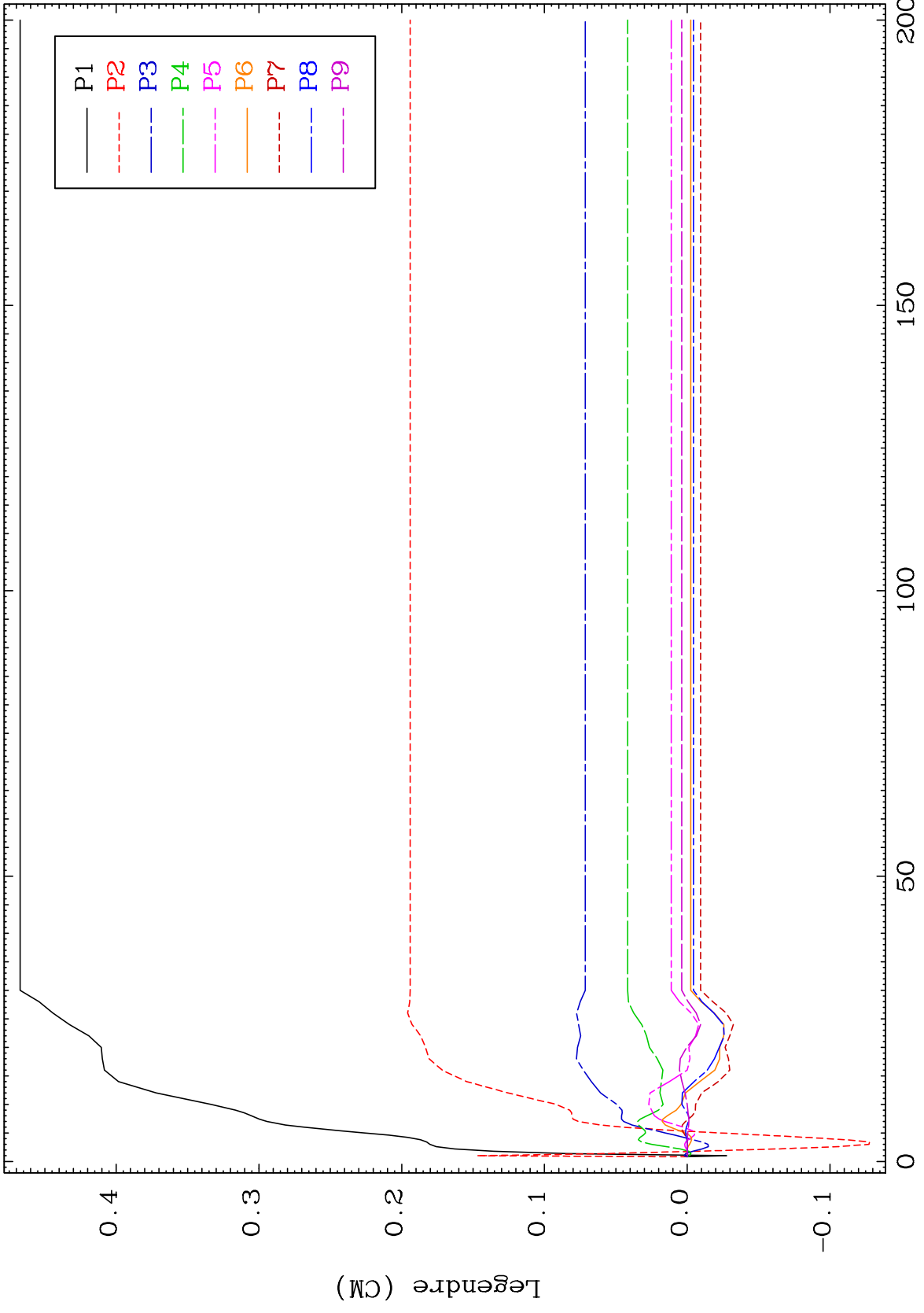
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



23

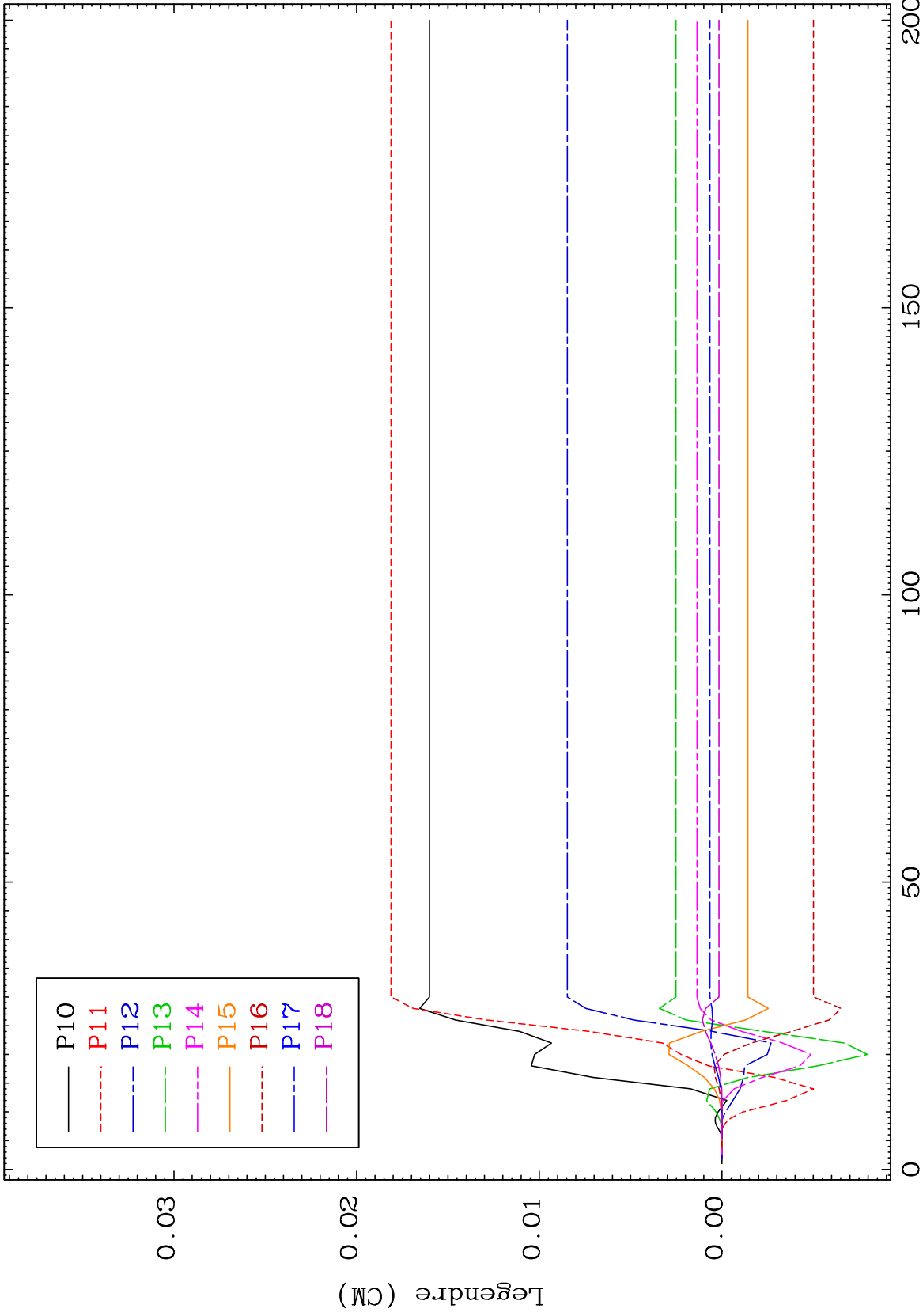
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

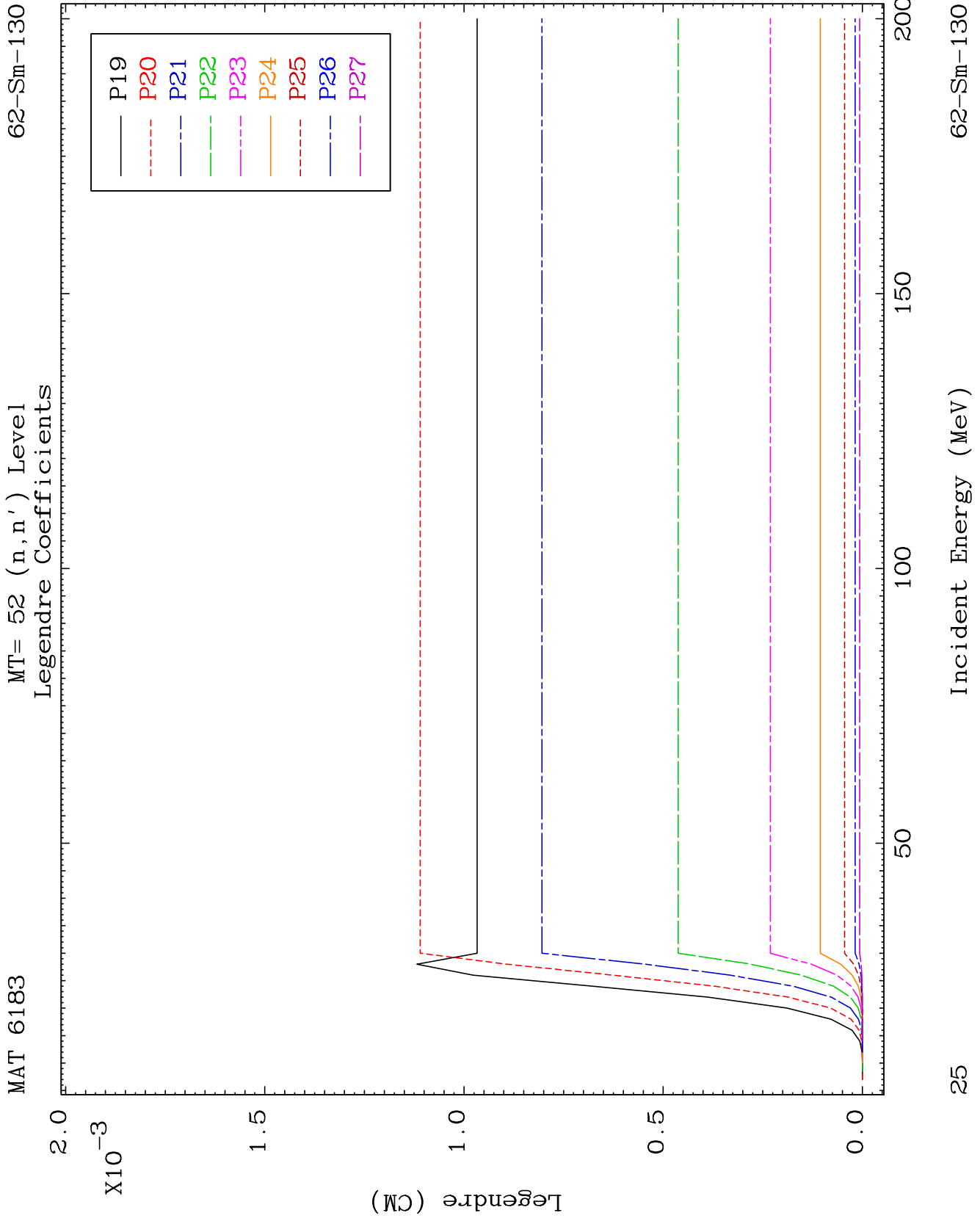
62-Sm-130



24

Incident Energy (MeV)

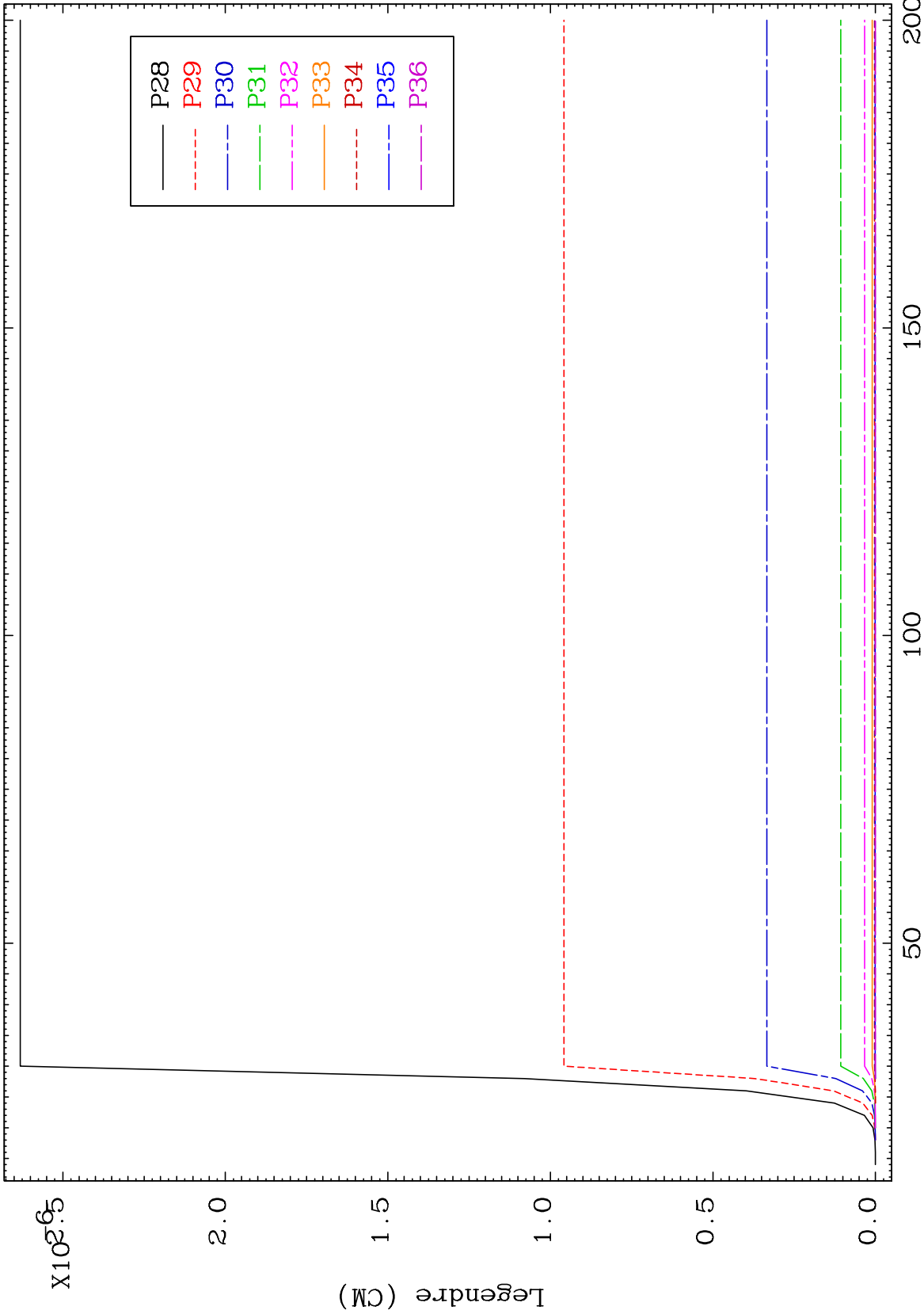
62-Sm-130



MAT 6183

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

62-Sm-130



26

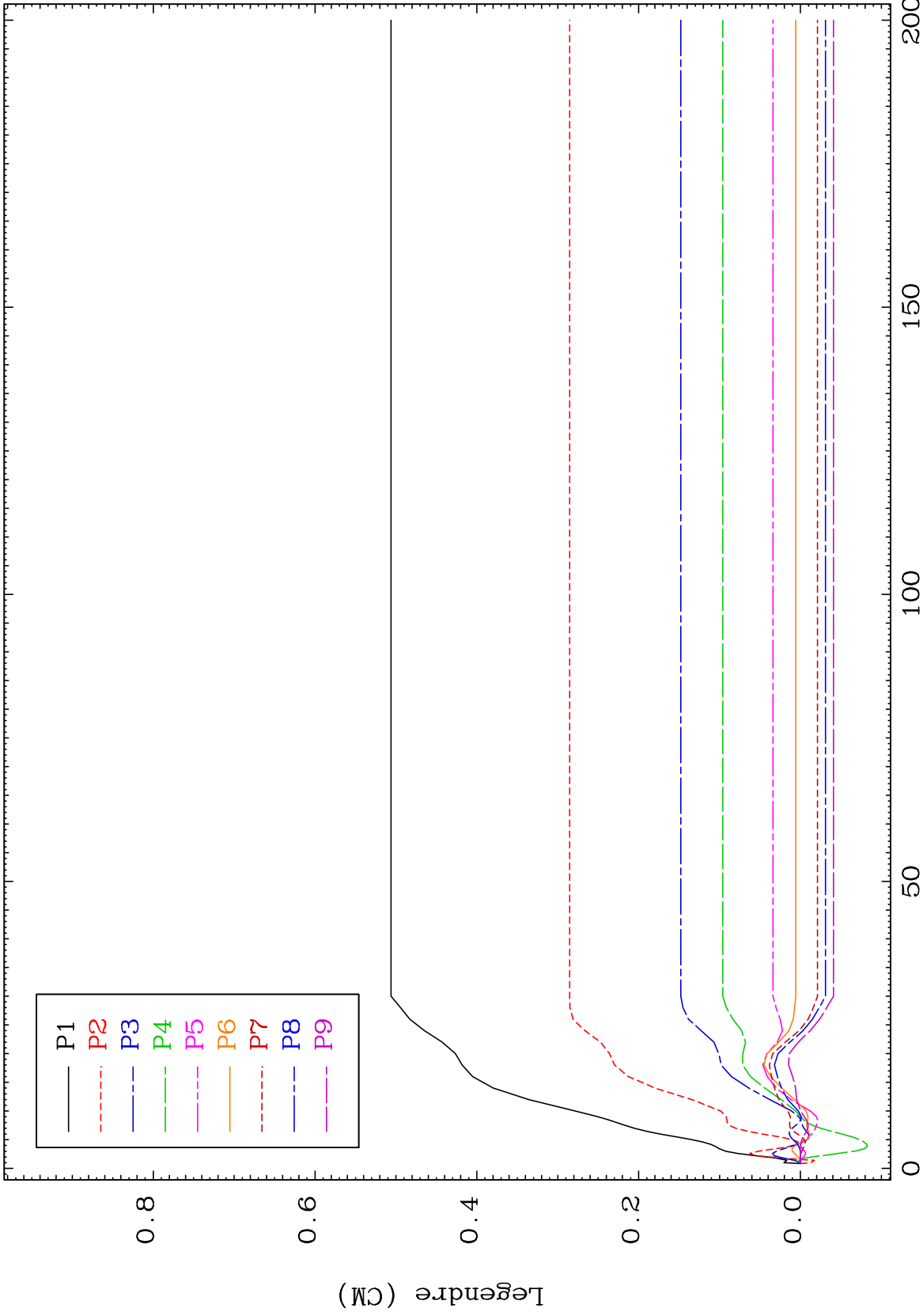
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



27

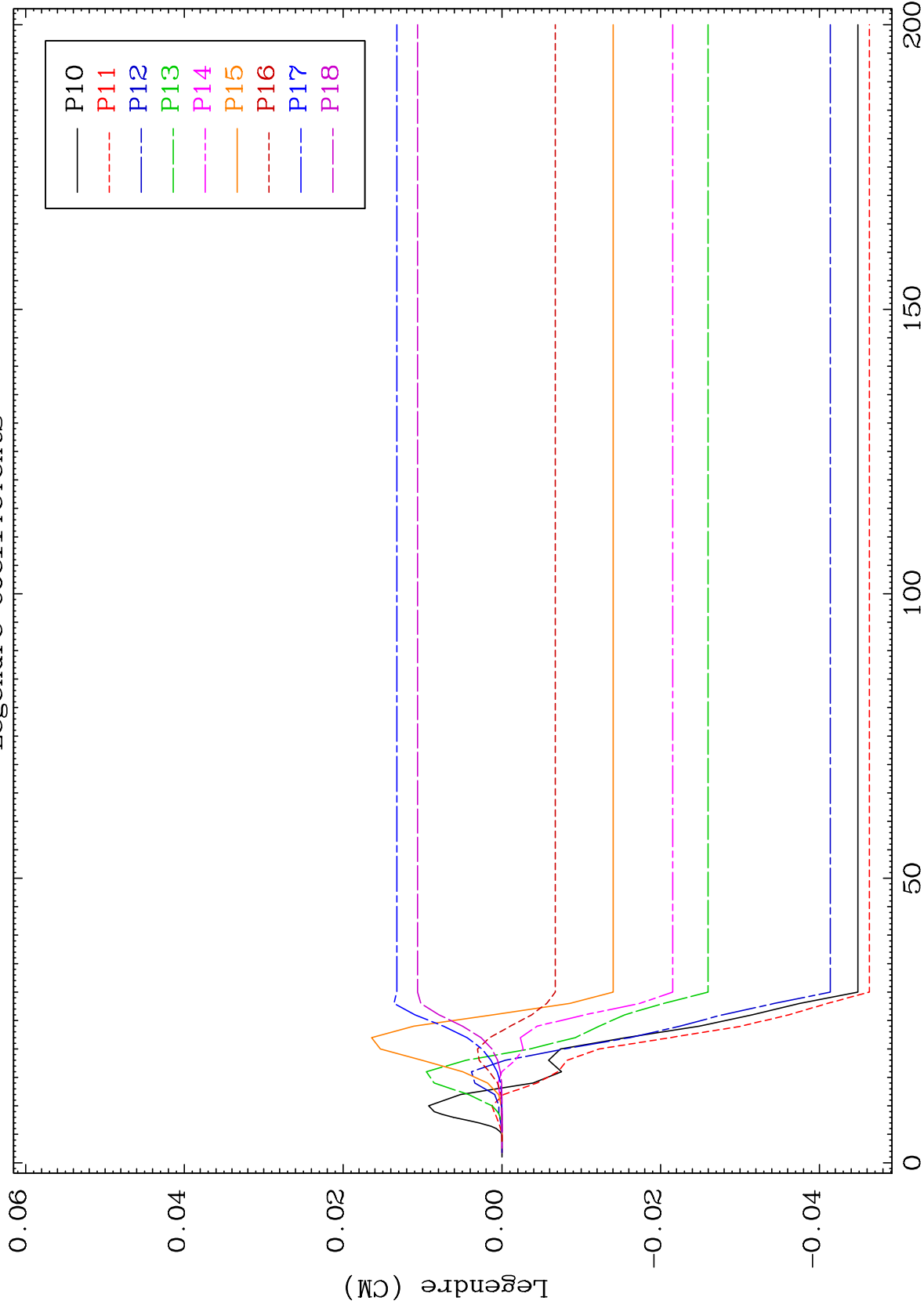
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



28

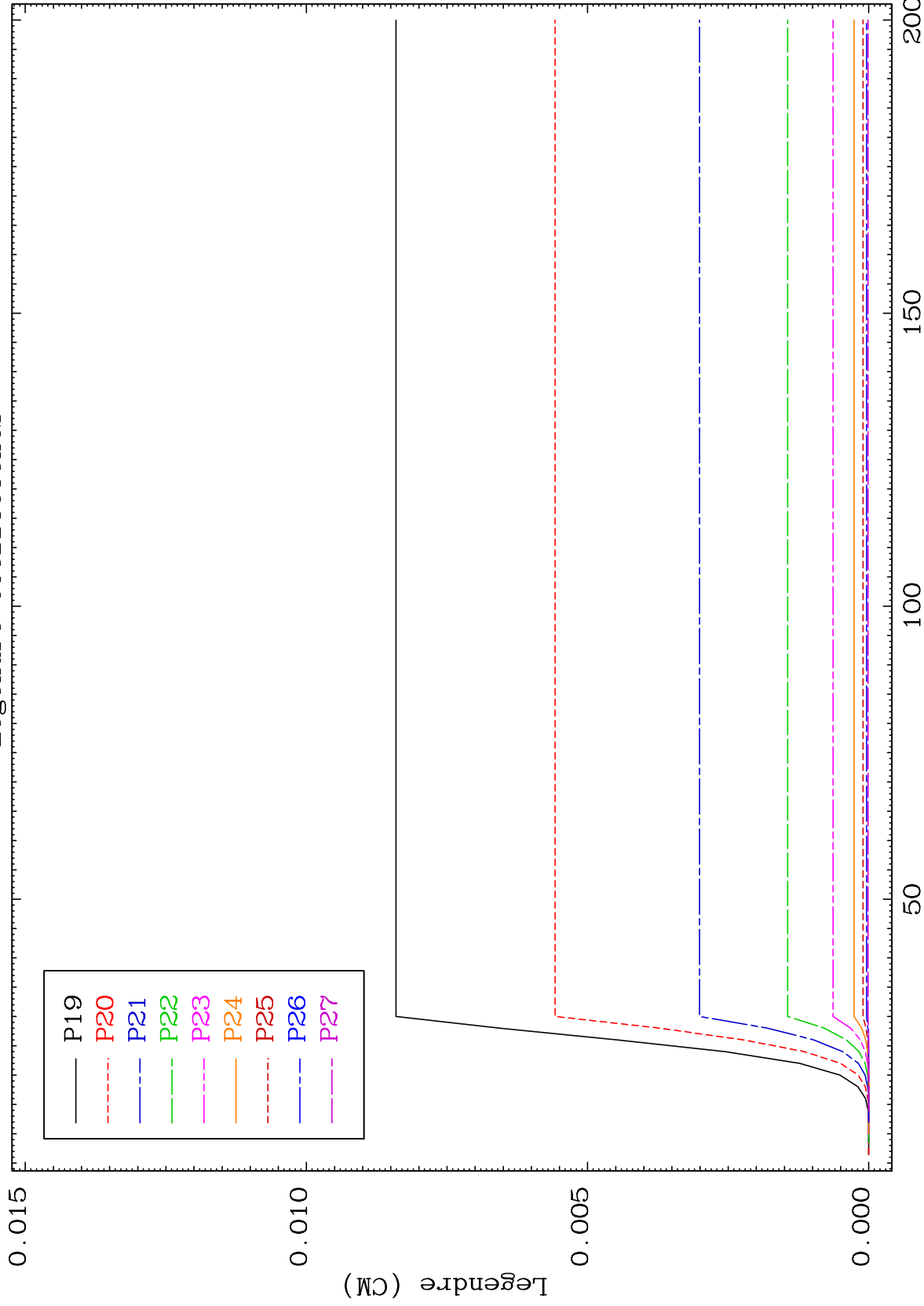
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



29

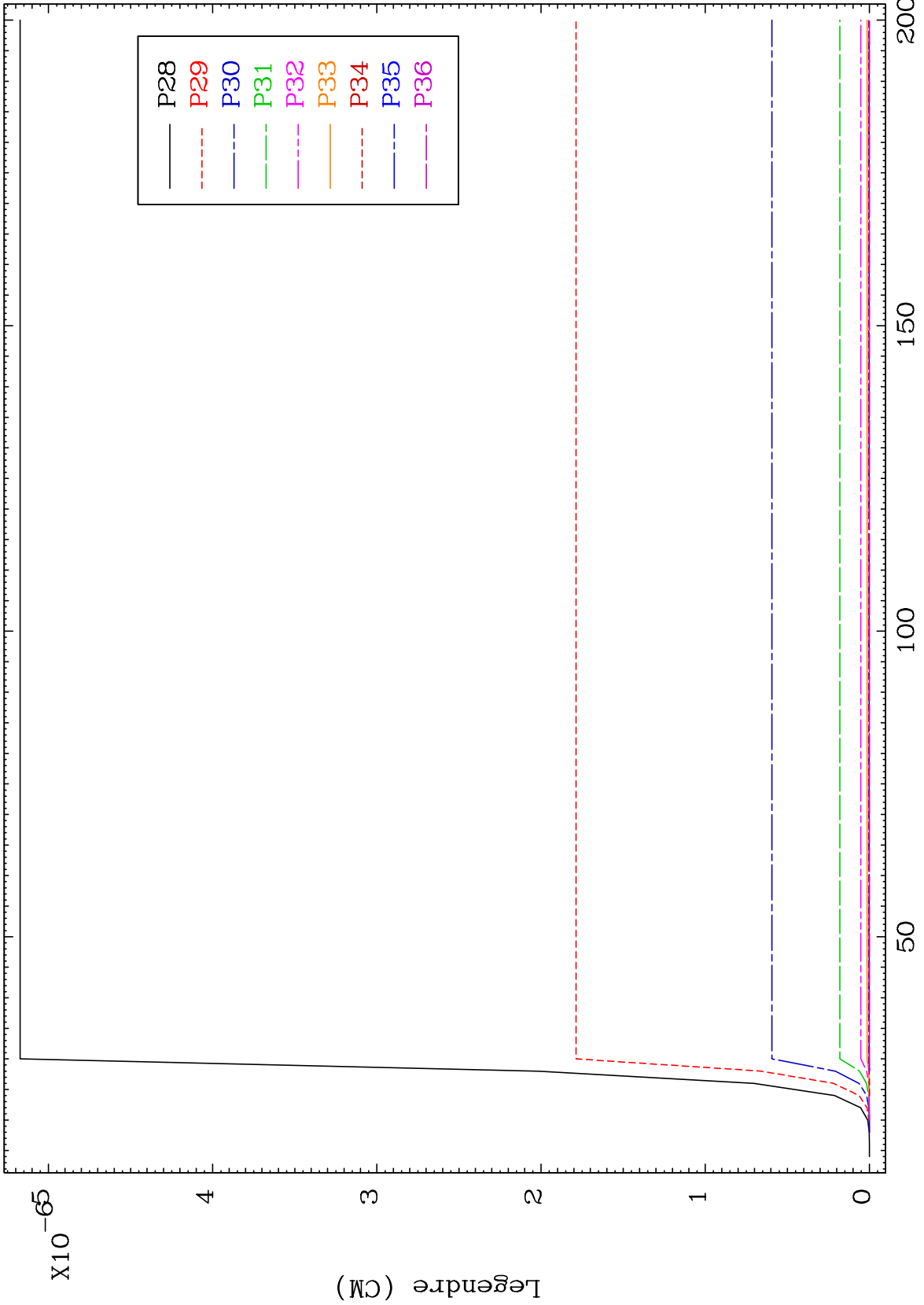
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



30

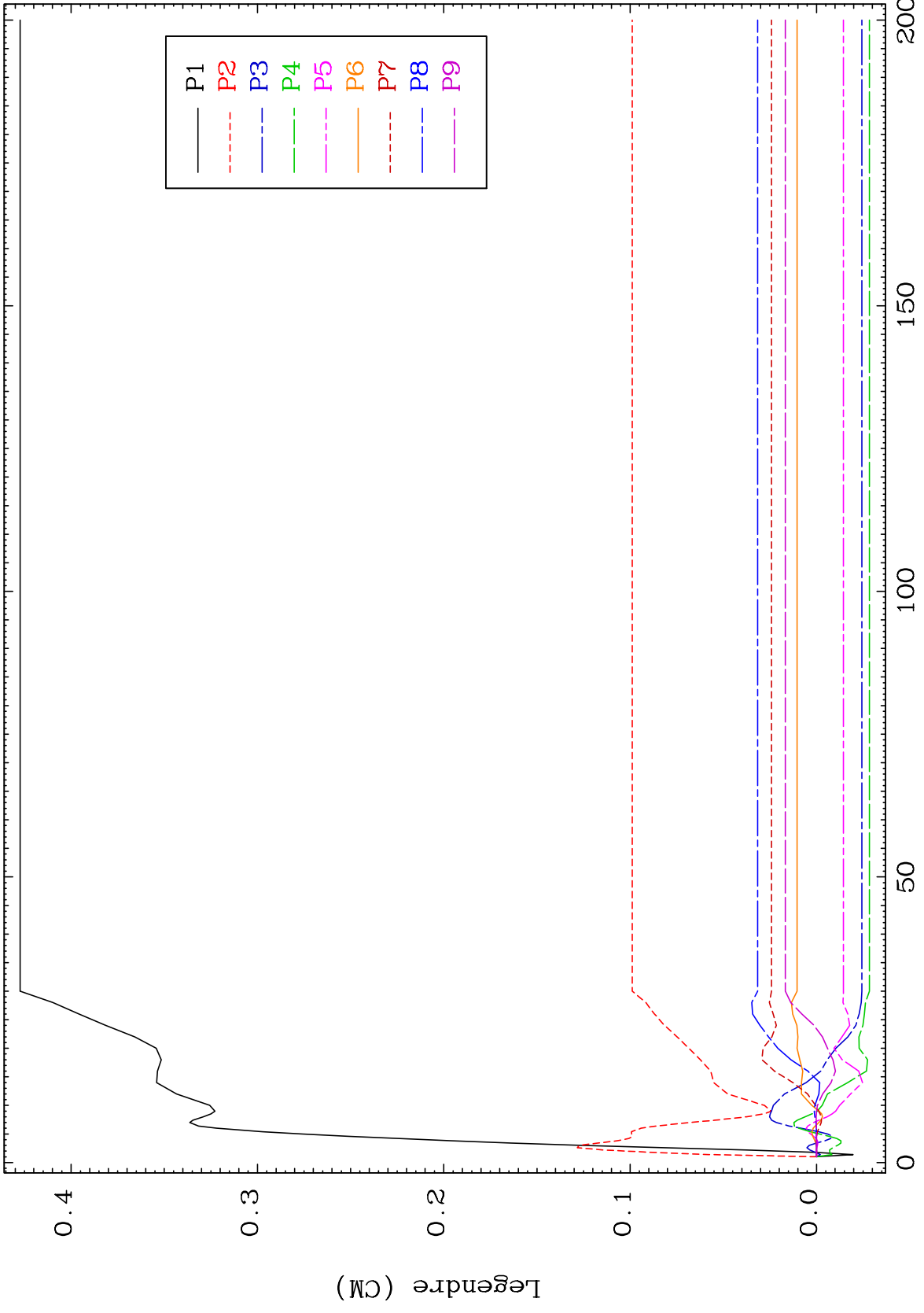
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



31

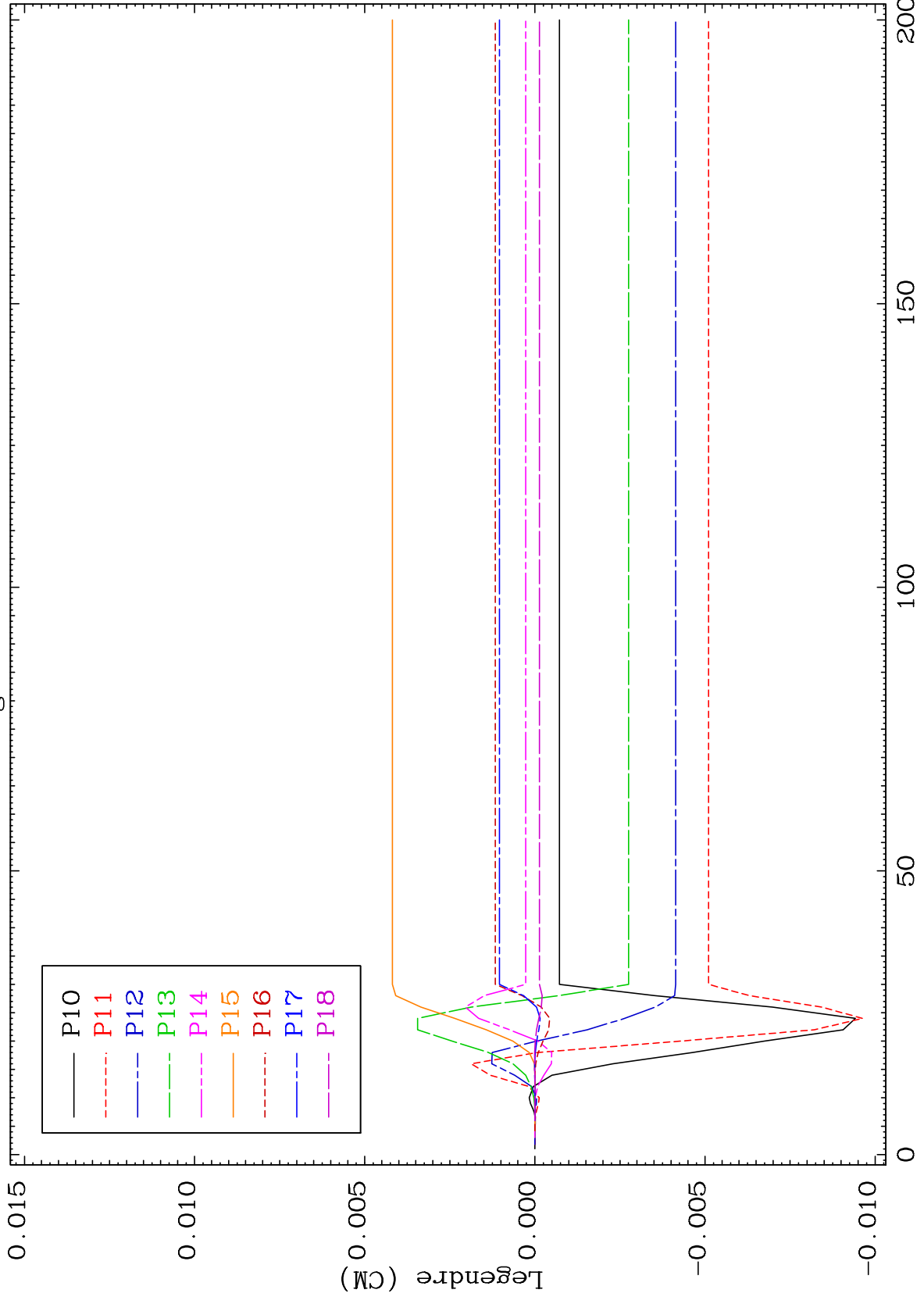
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



32

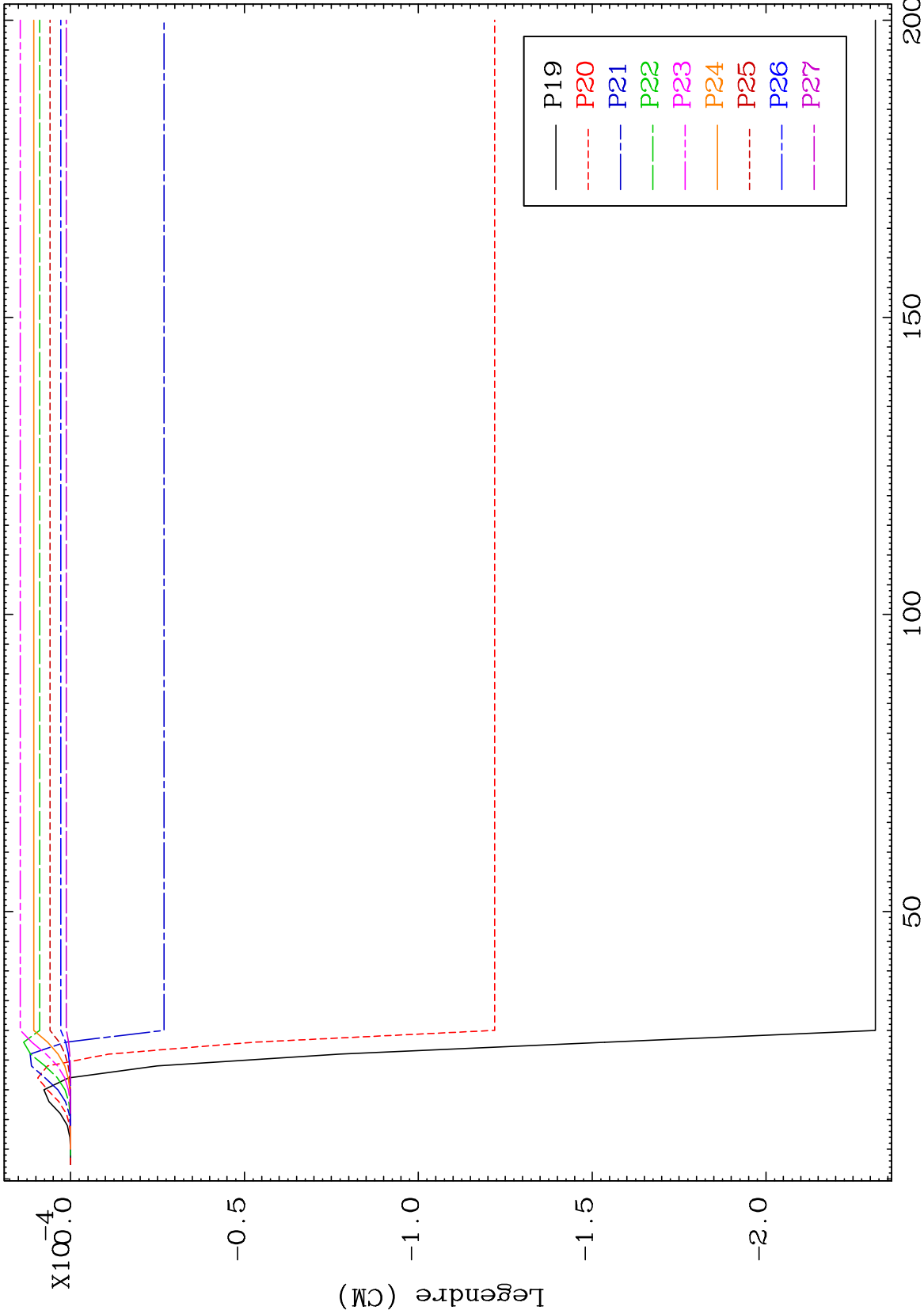
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



33

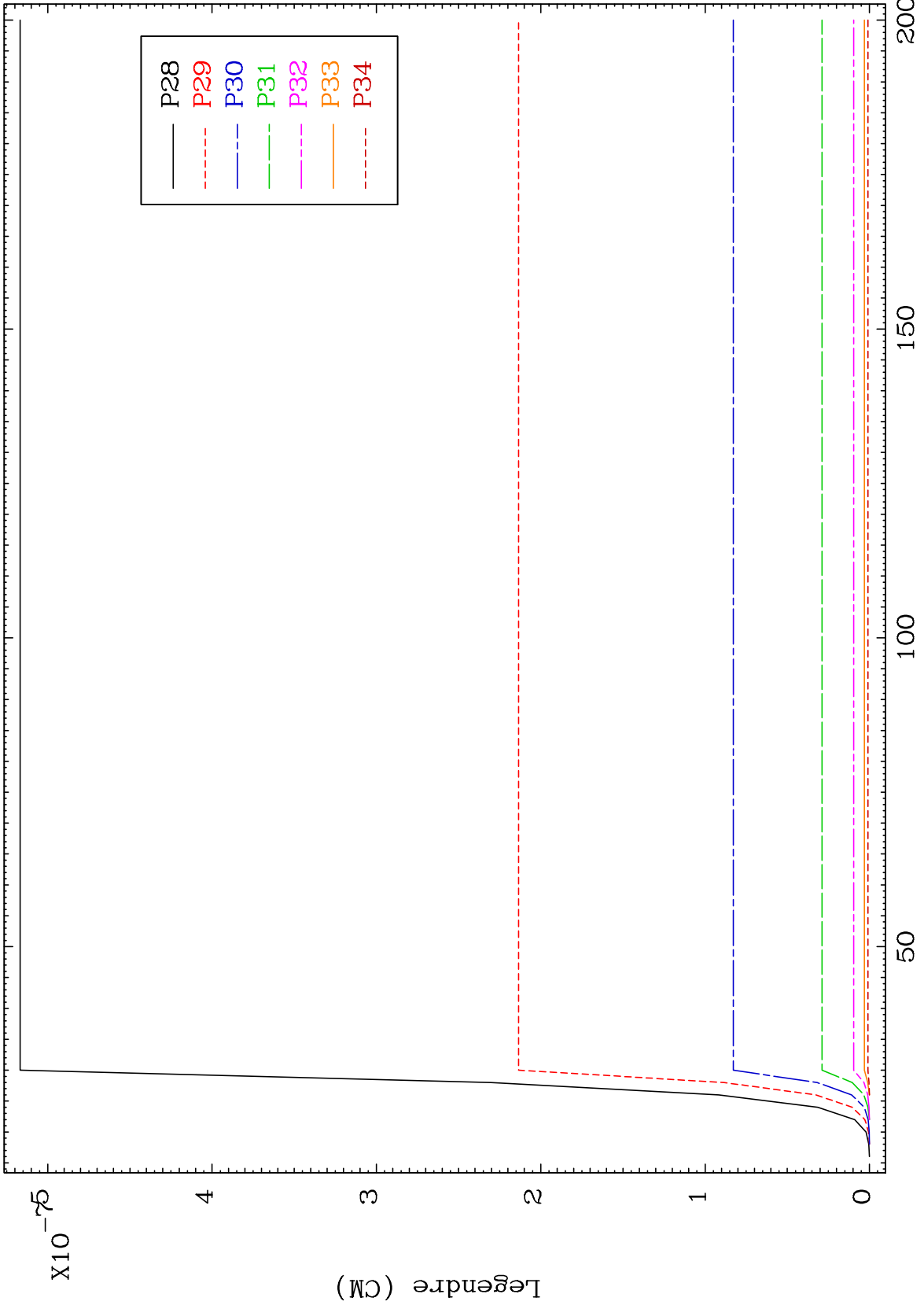
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



34

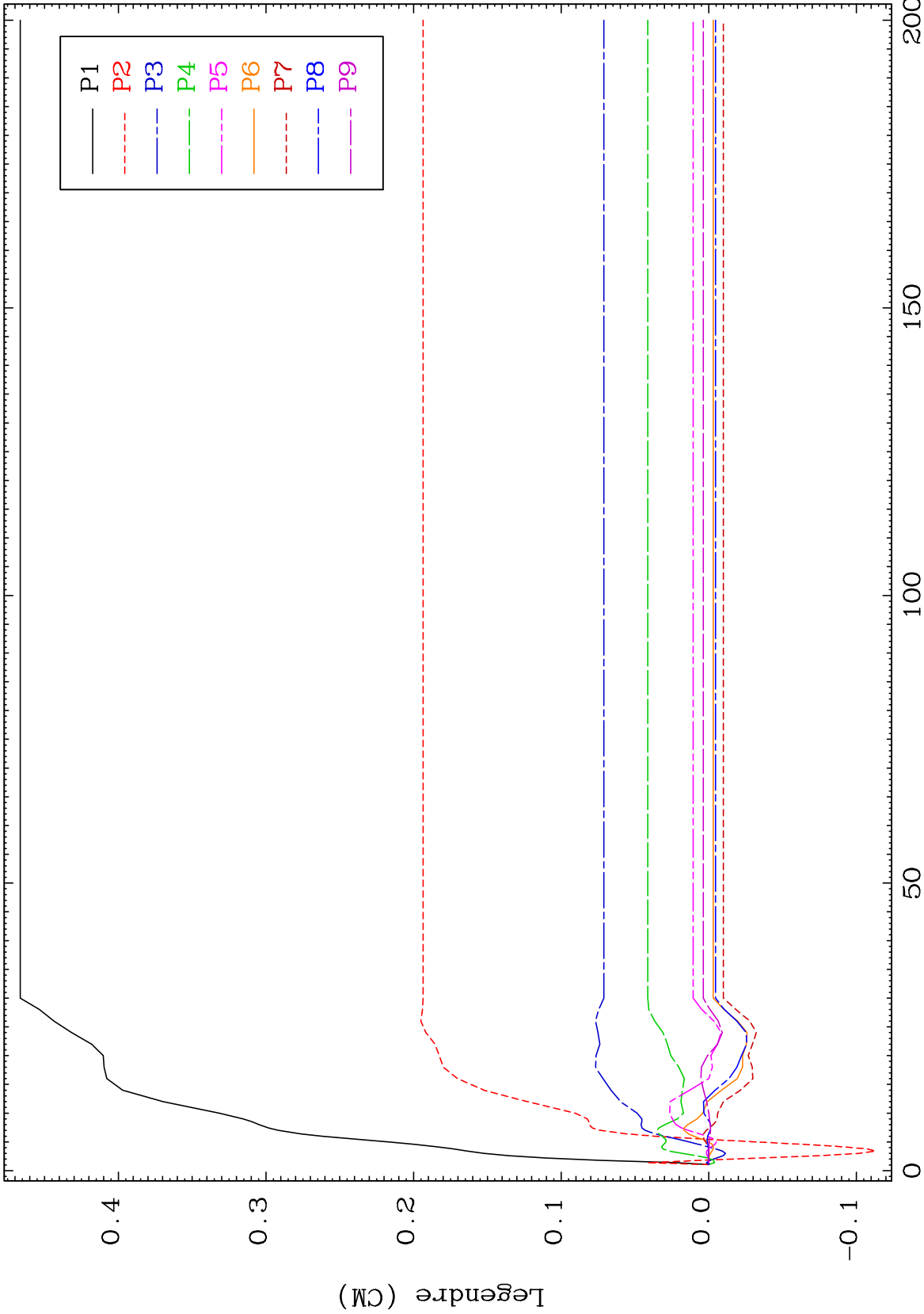
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



35

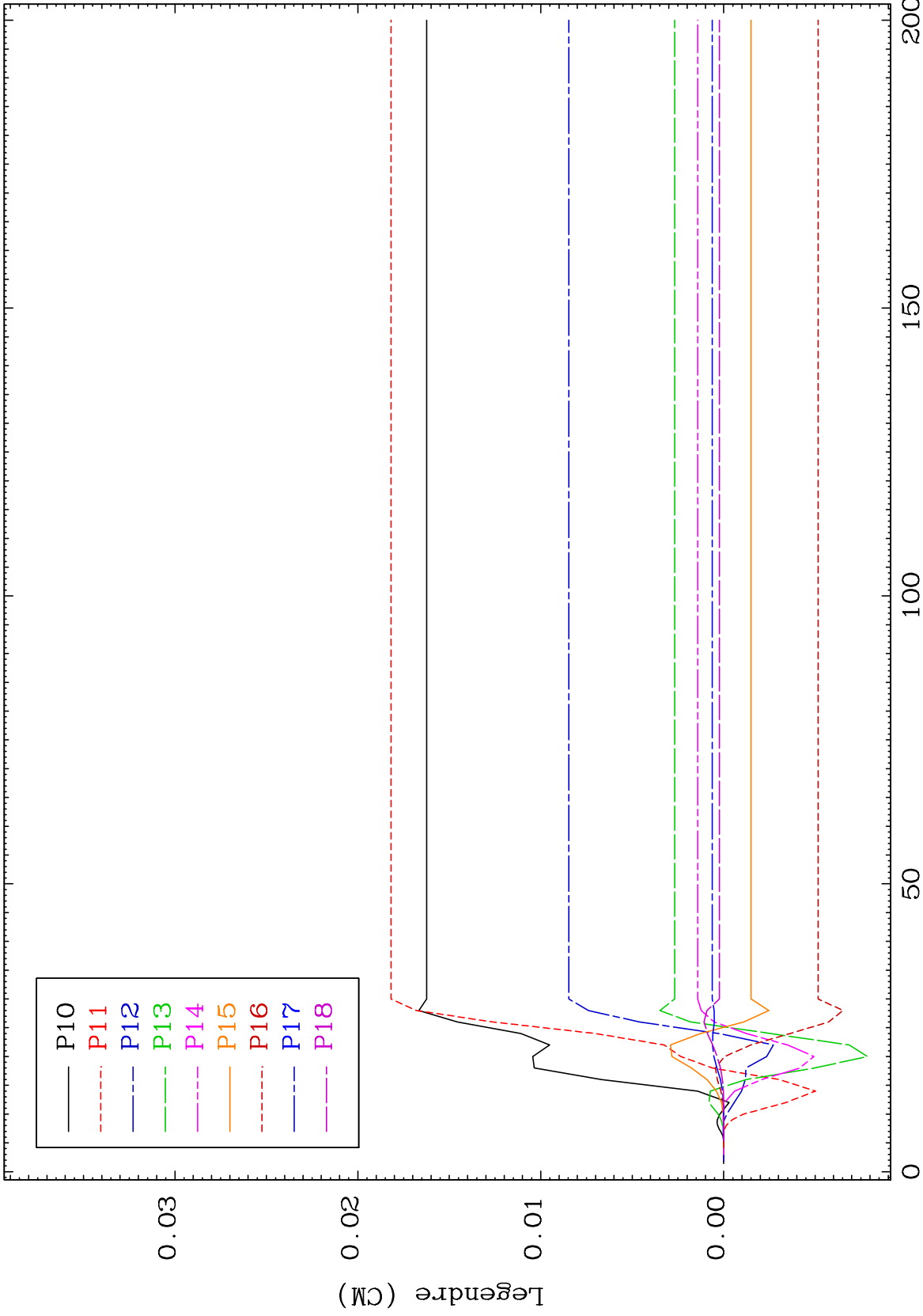
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



36

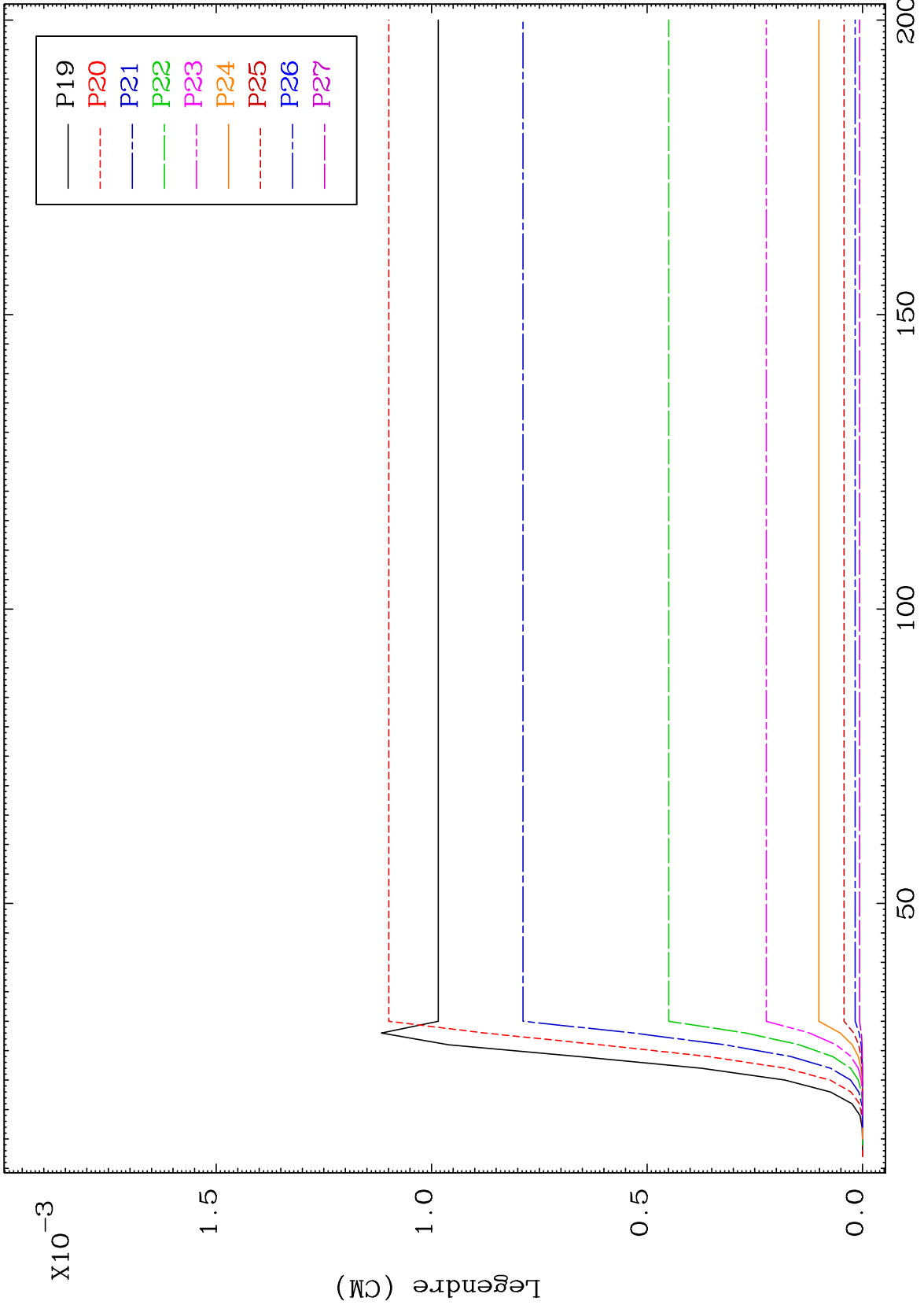
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



37

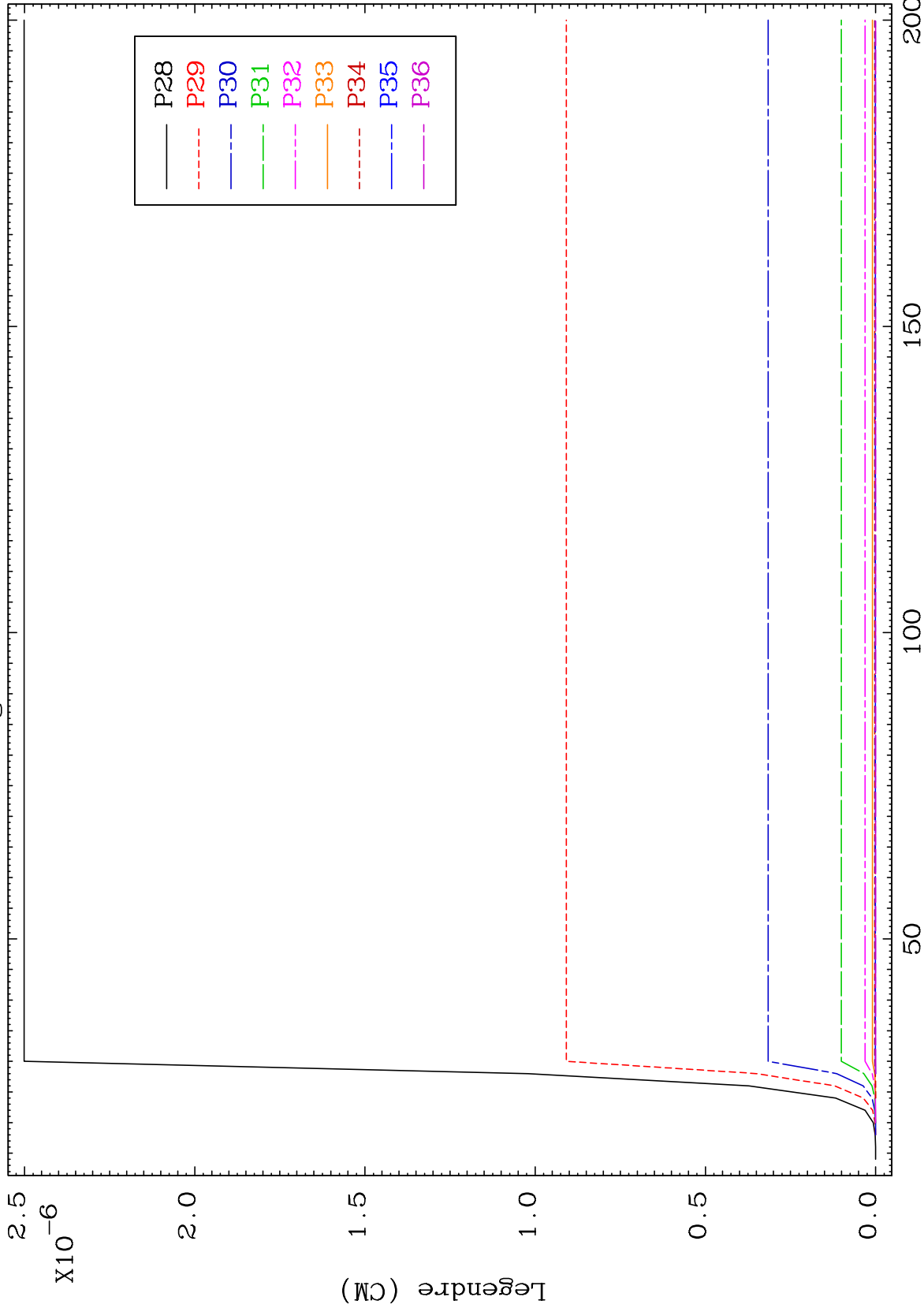
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



38

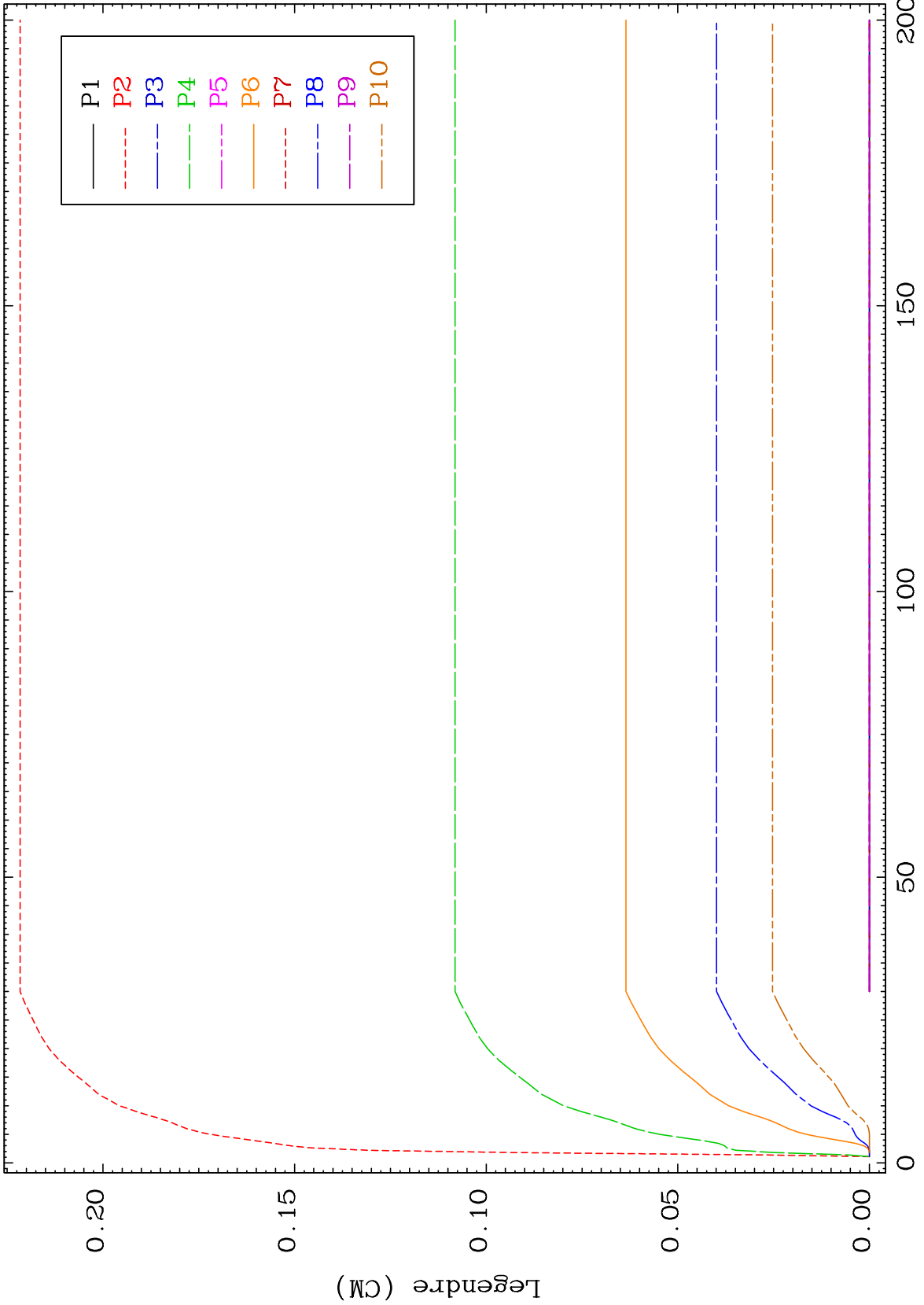
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



39

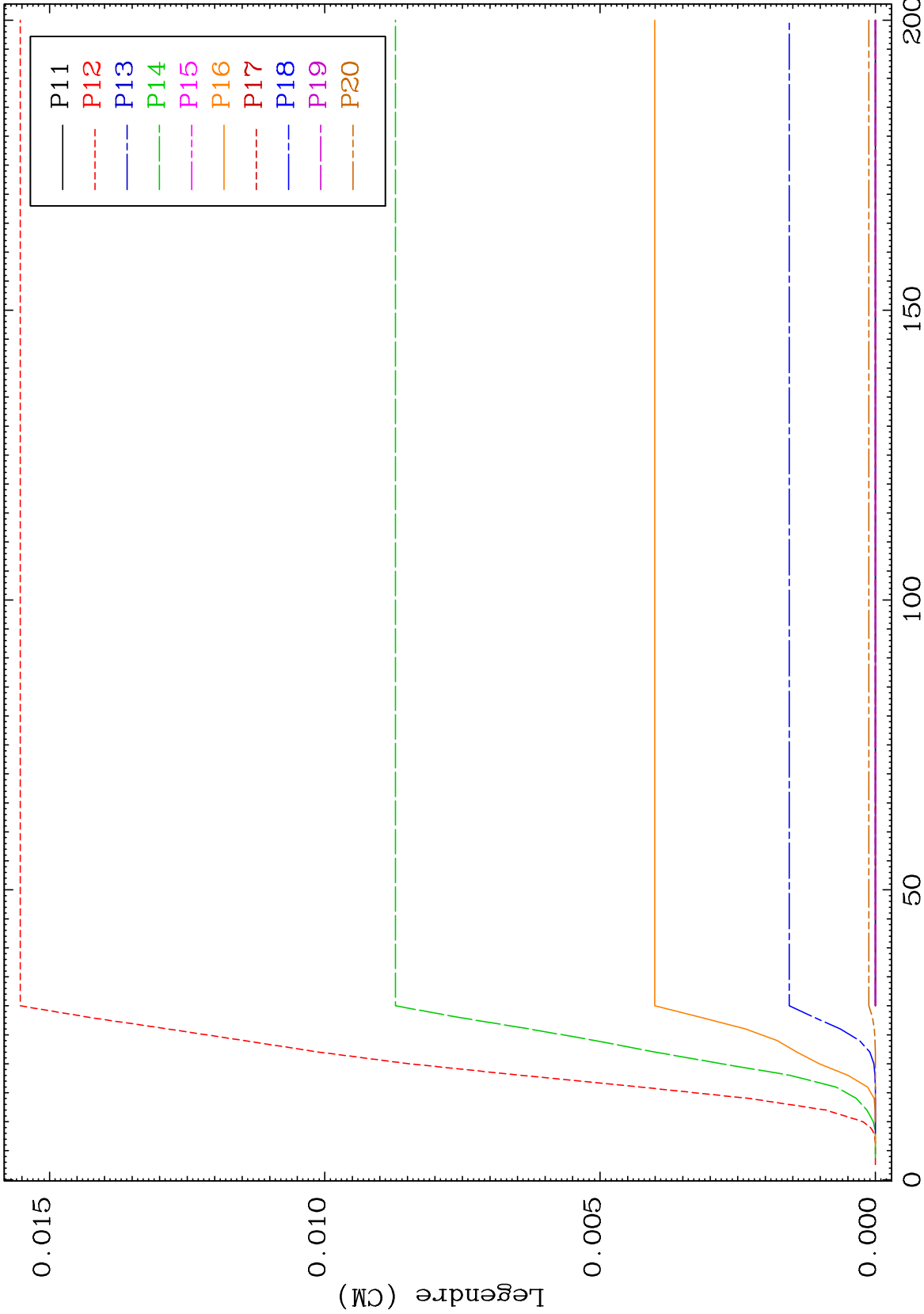
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

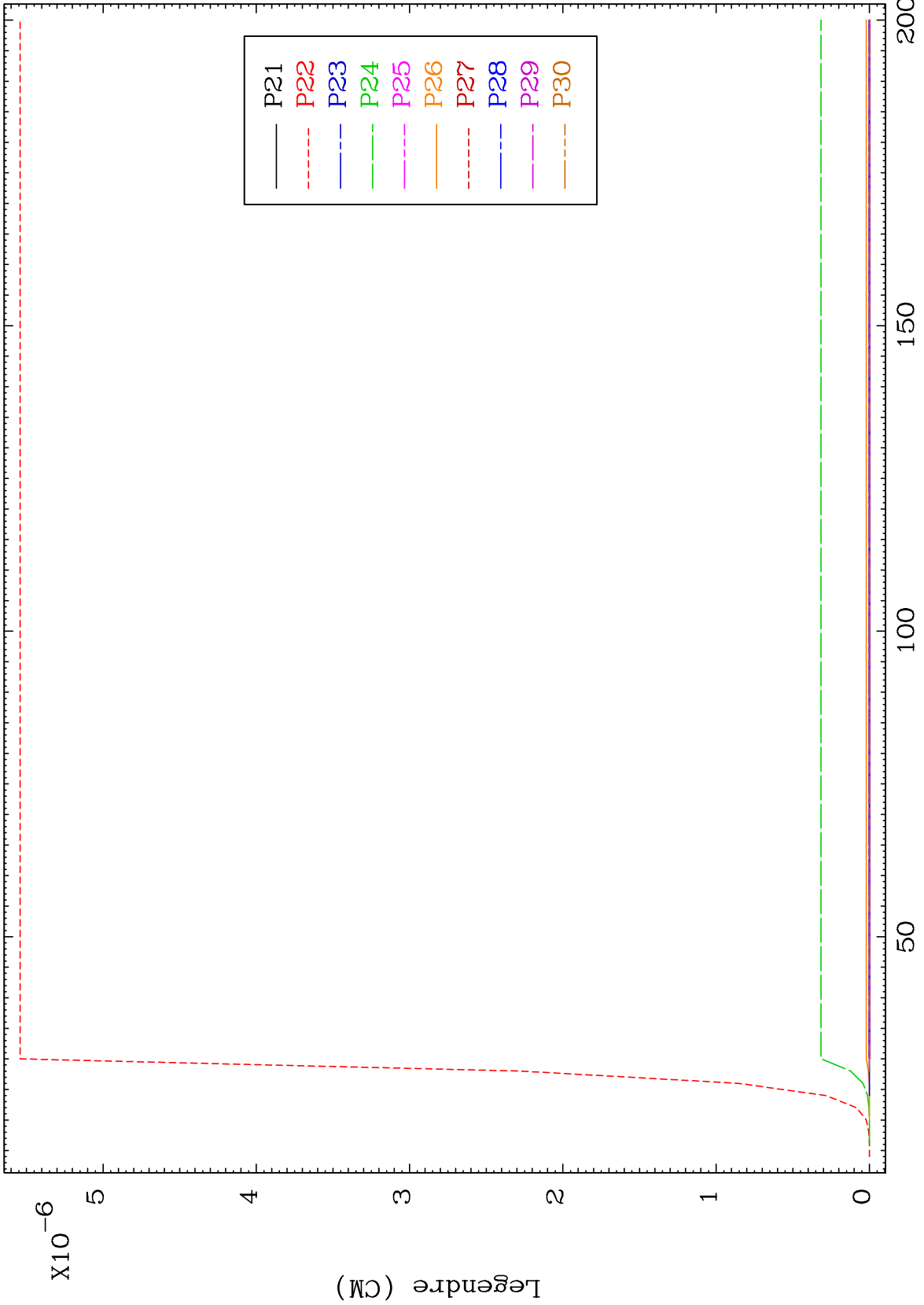
Incident Energy (MeV)

40

MAT 6183

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

62-Sm-130



41

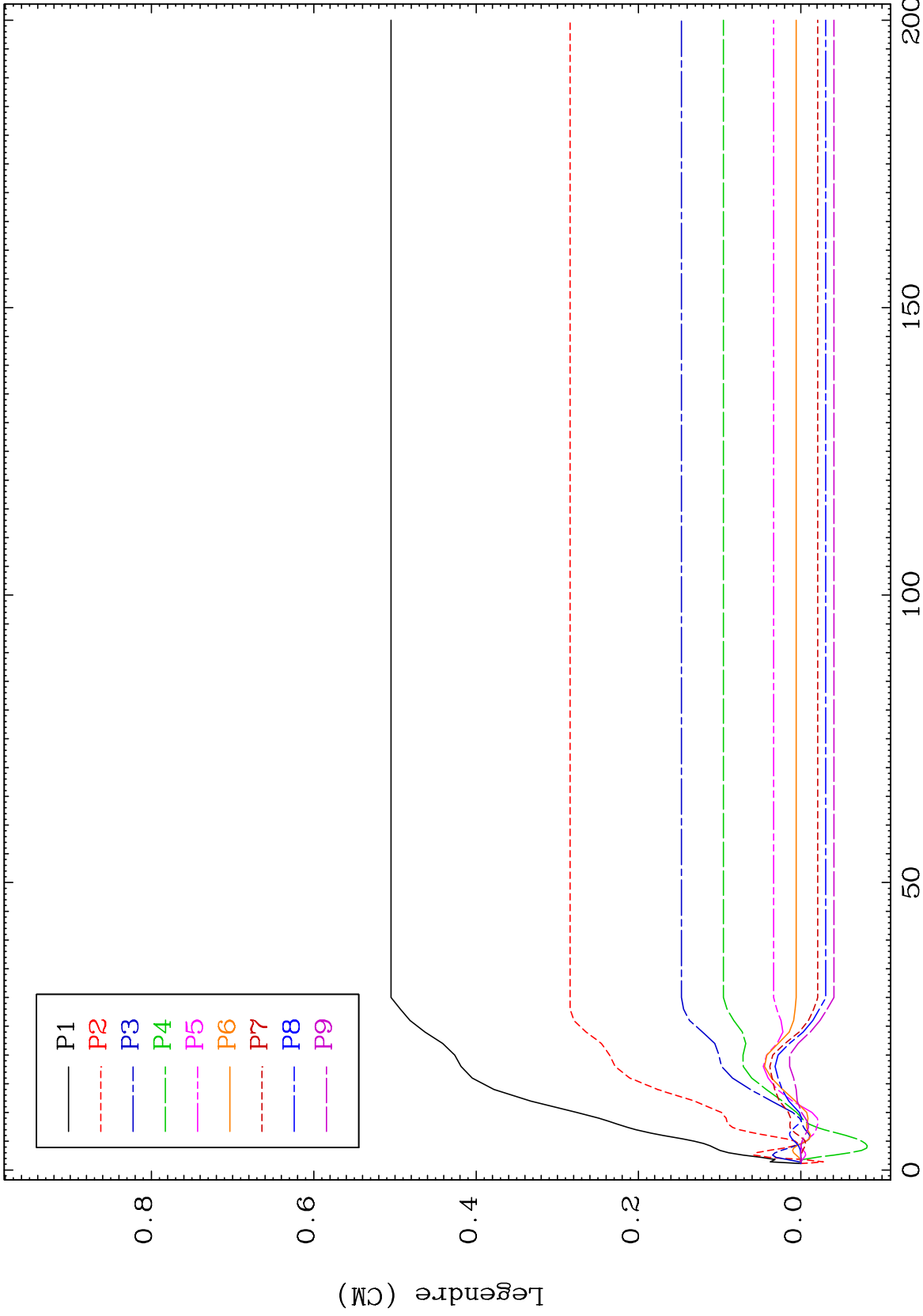
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



42

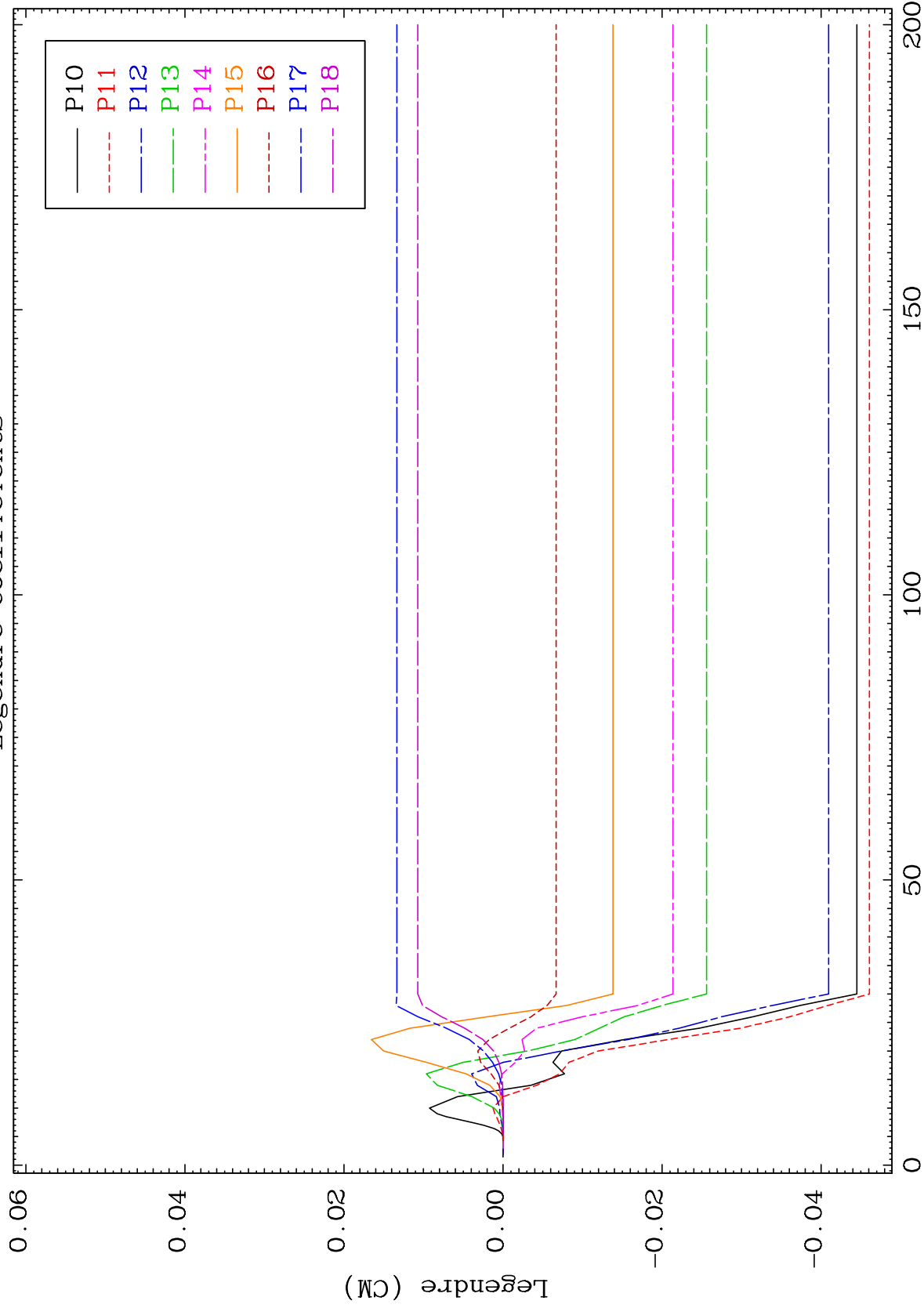
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



43

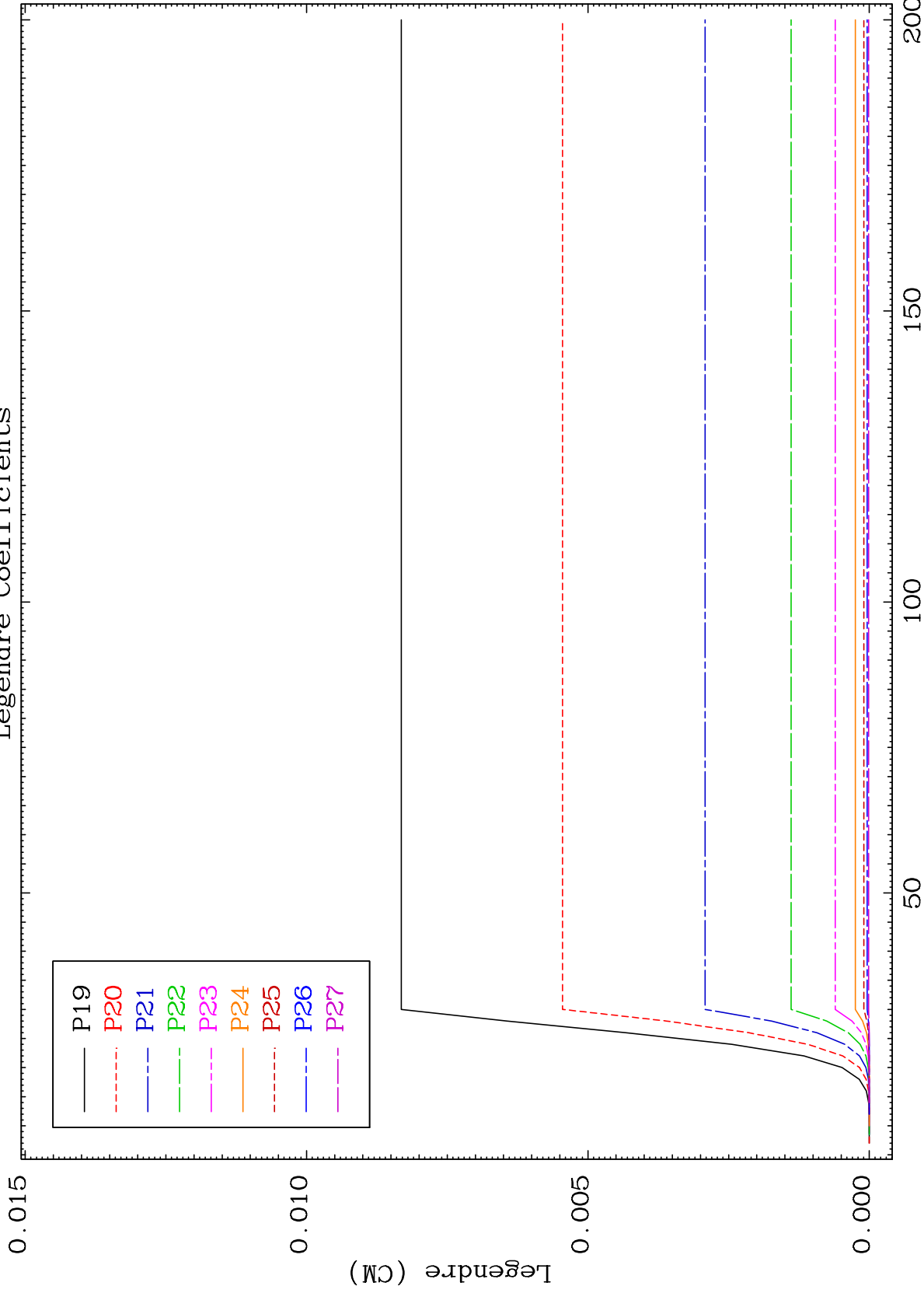
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

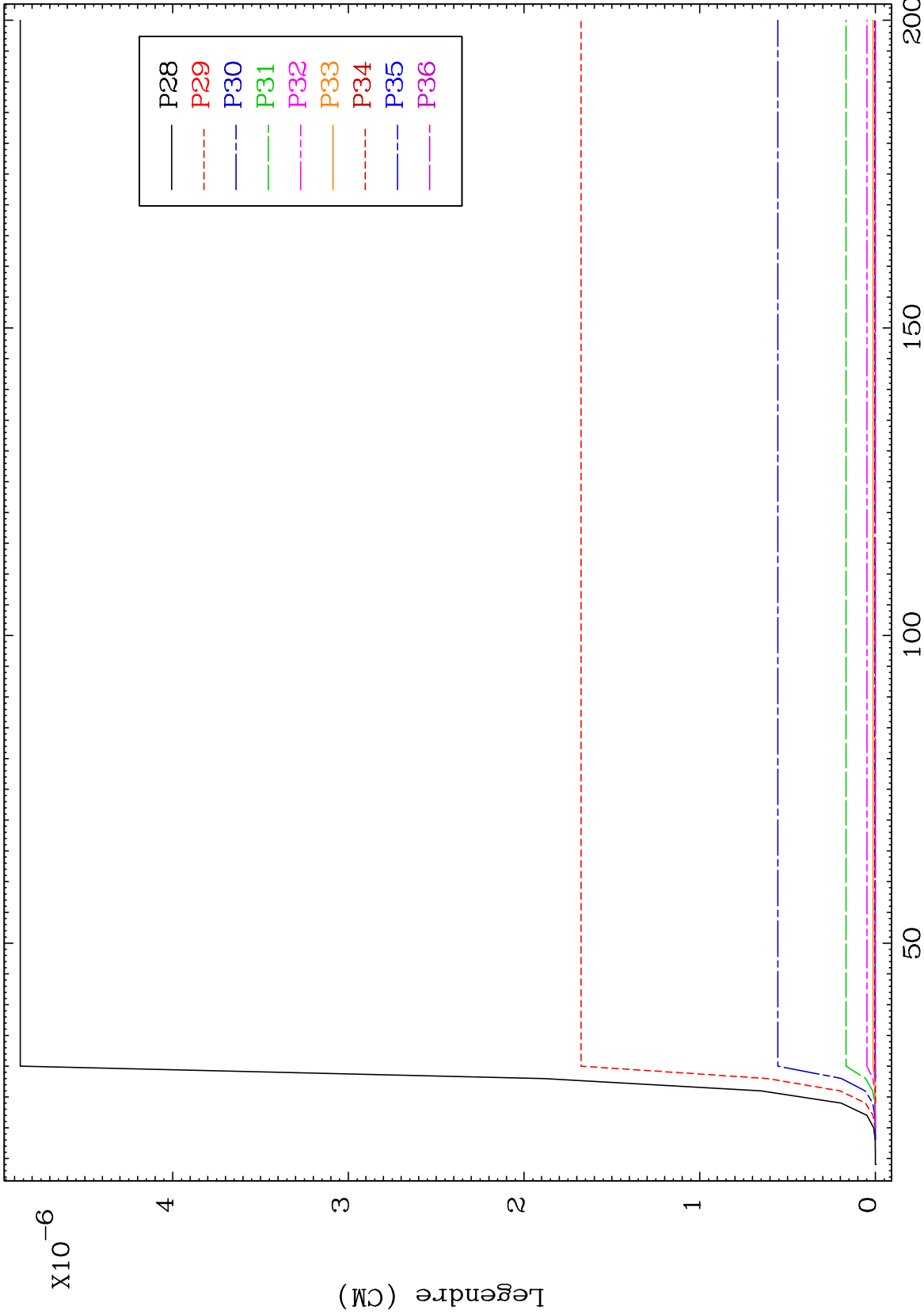
62-Sm-130



MAT 6183

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

62-Sm-130



45

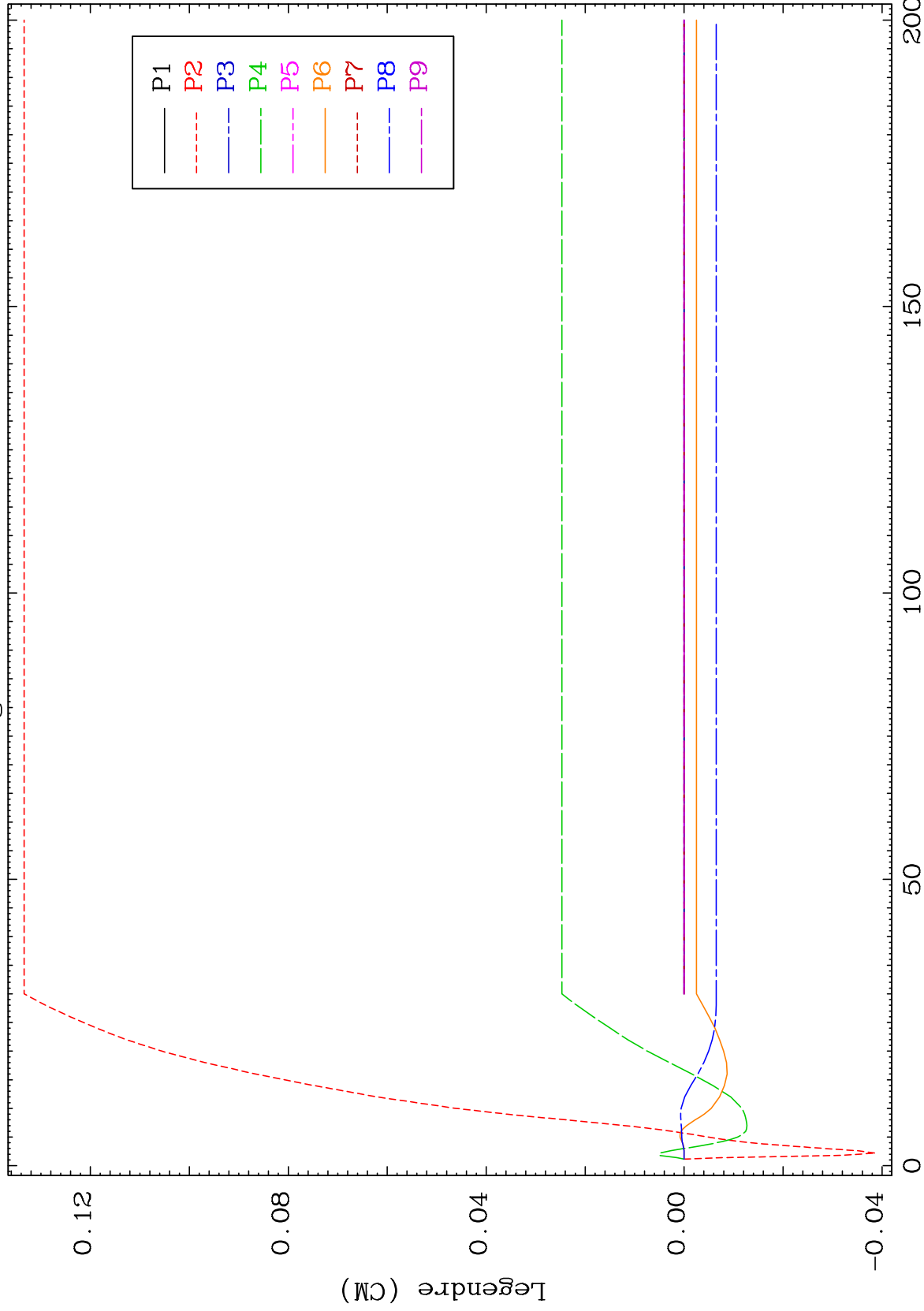
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



46

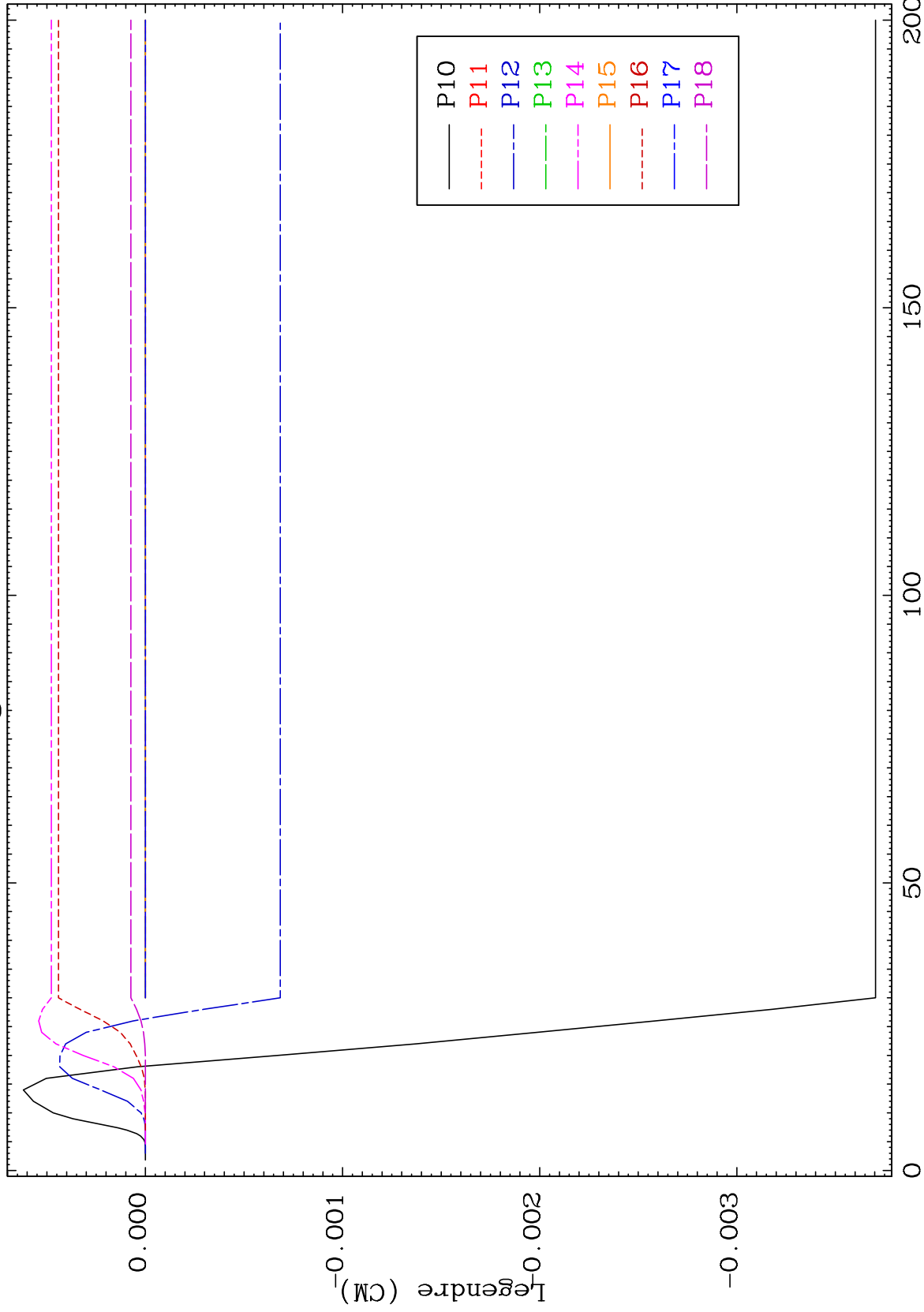
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



47

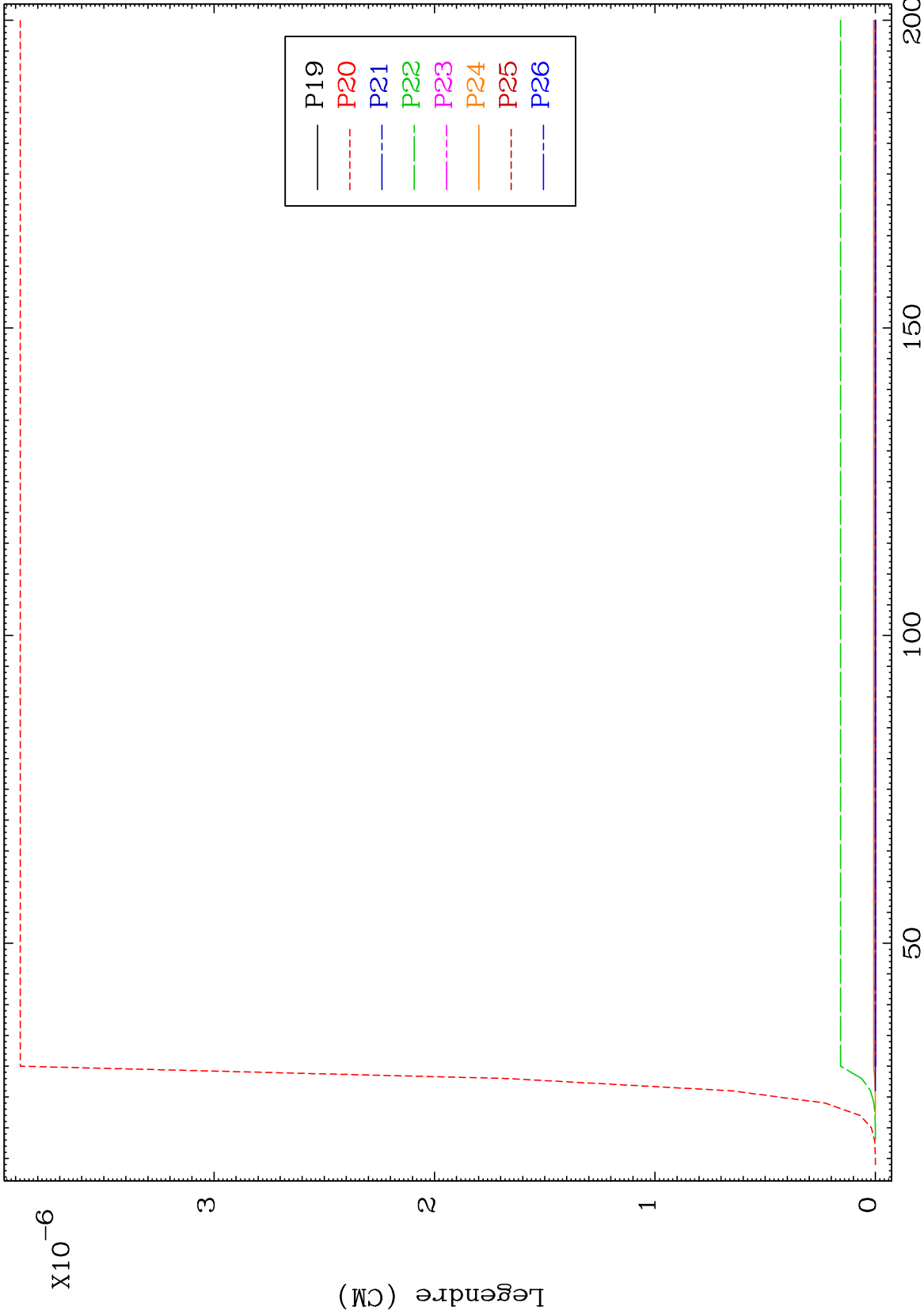
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



48

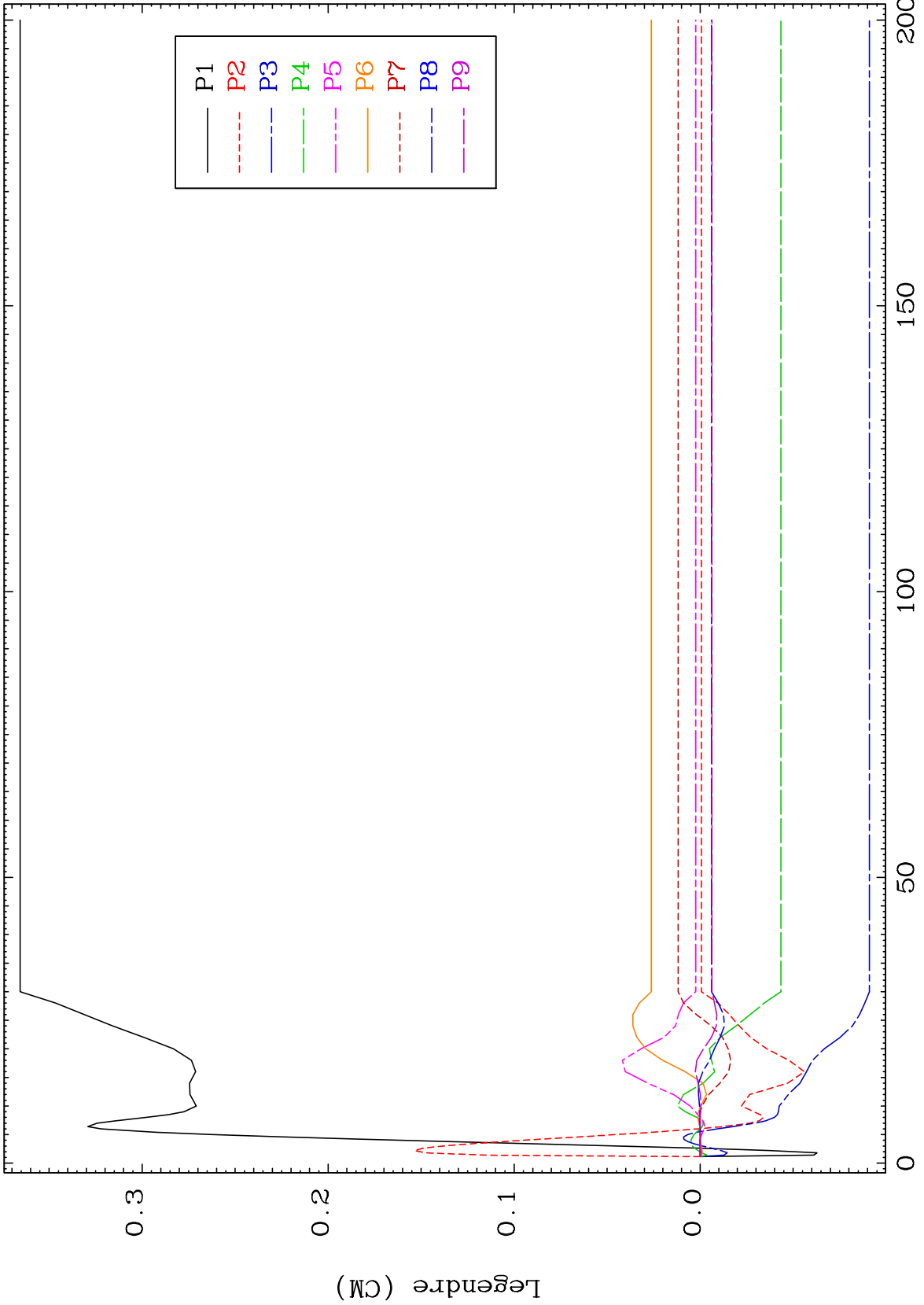
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



49

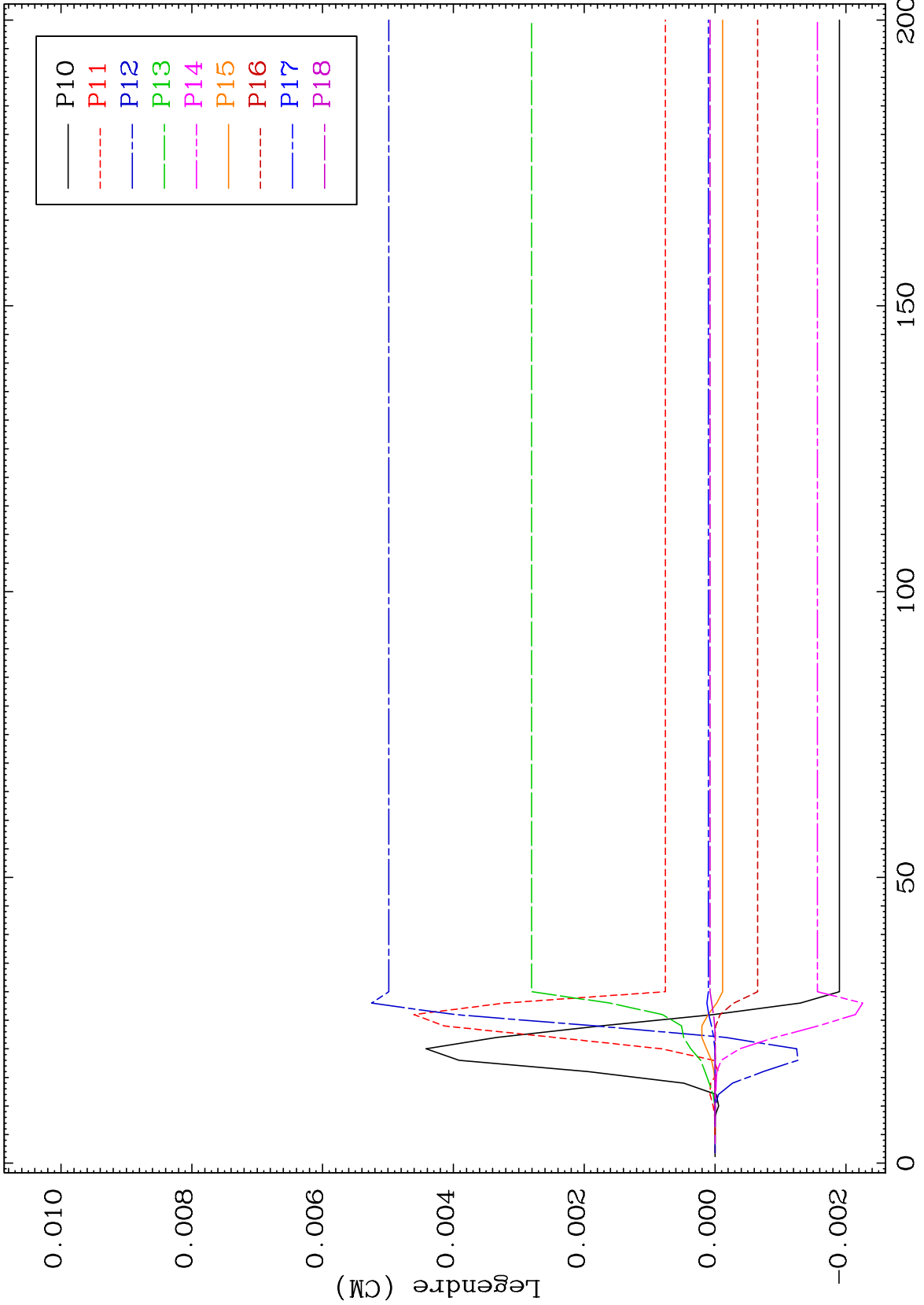
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

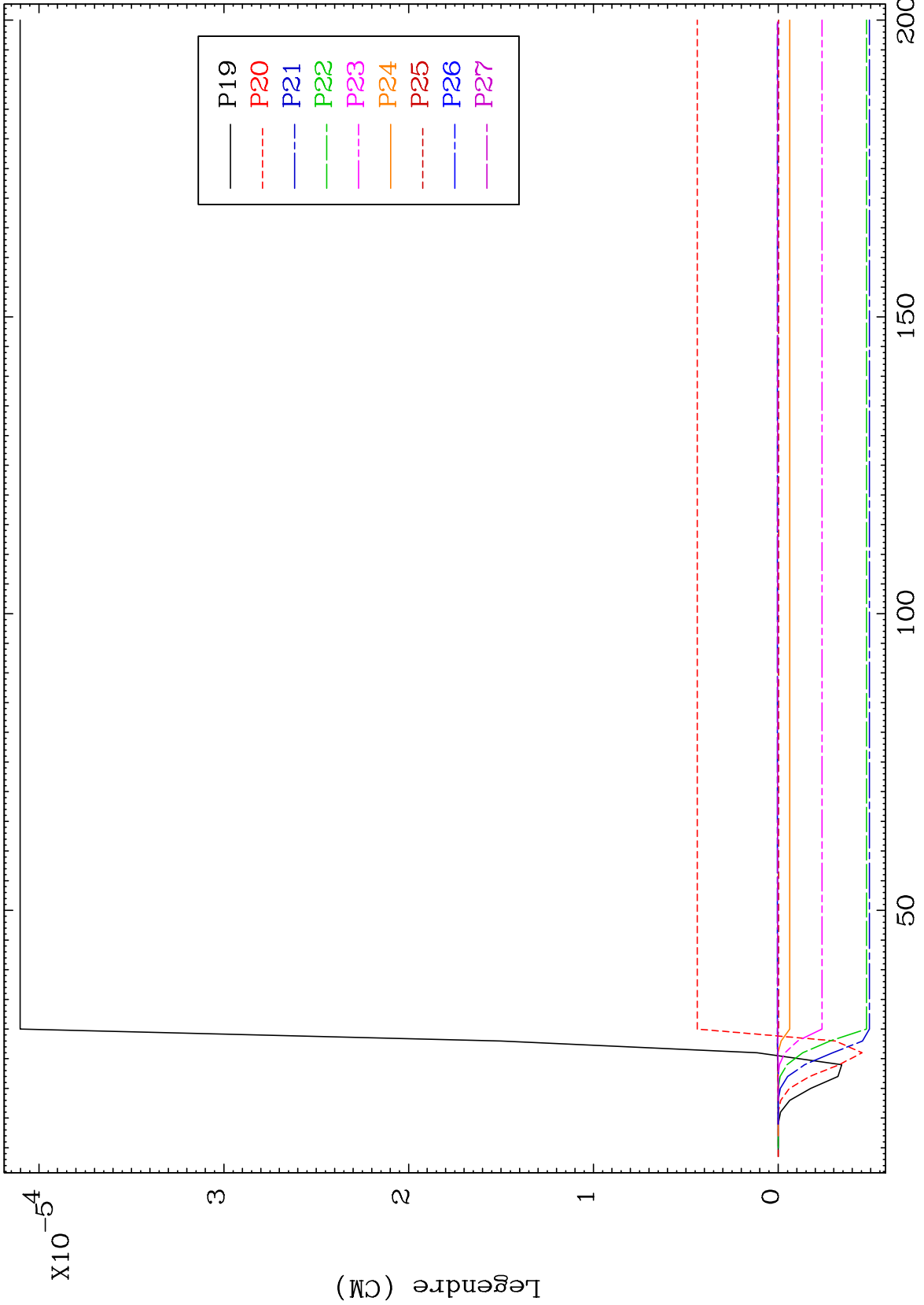
Incident Energy (MeV)

50

MAT 6183

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

62-Sm-130



51

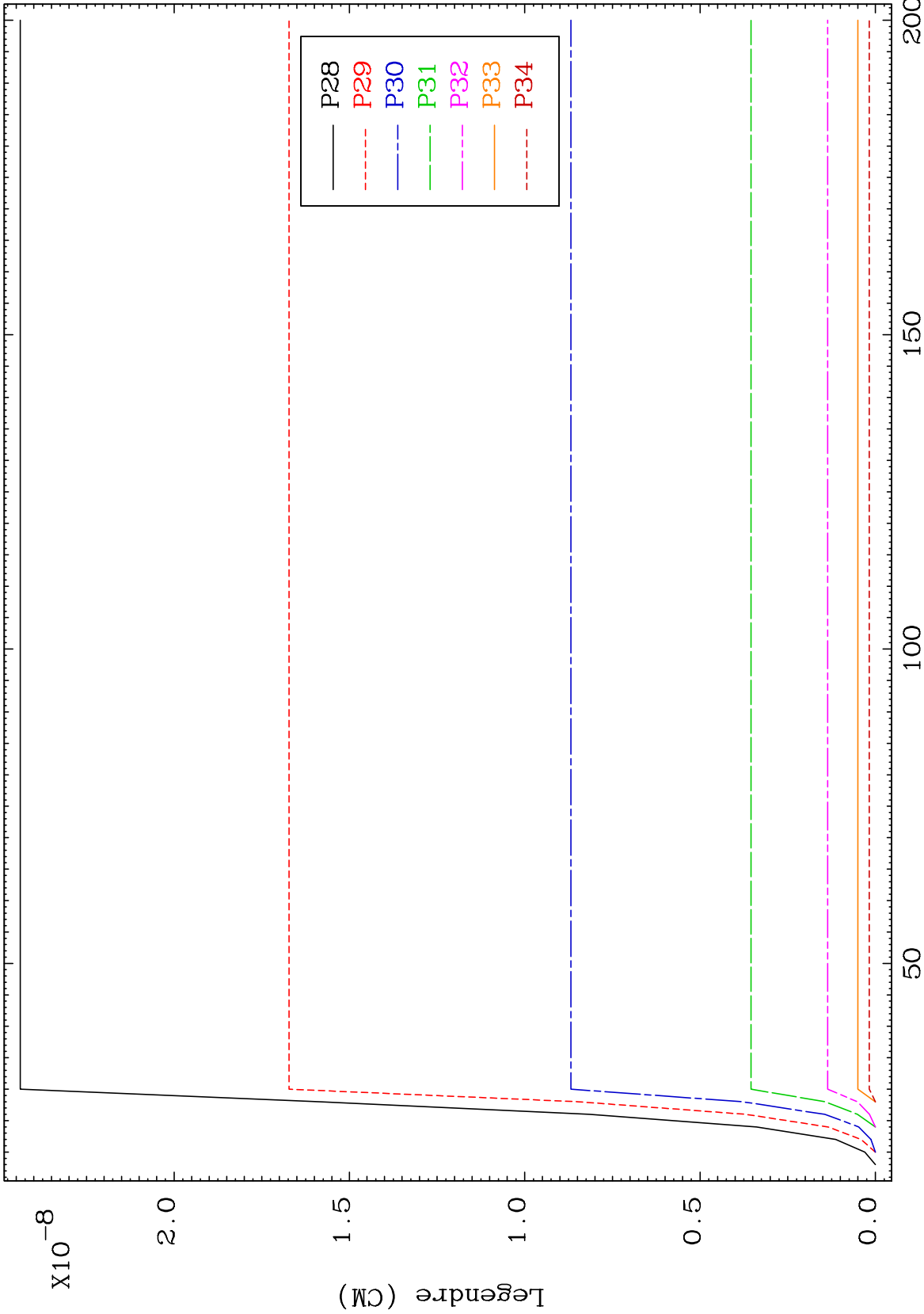
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

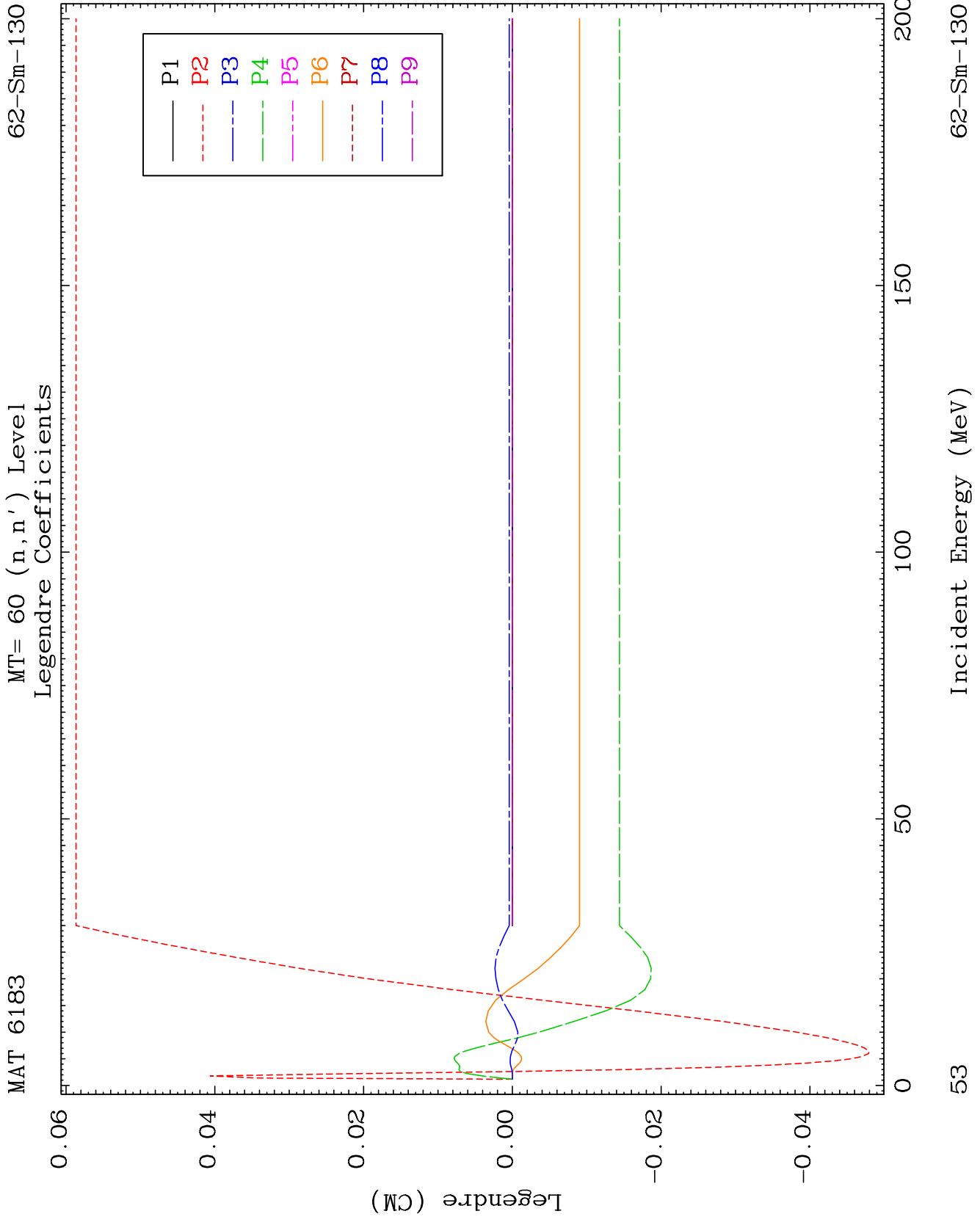
62-Sm-130



52

Incident Energy (MeV)

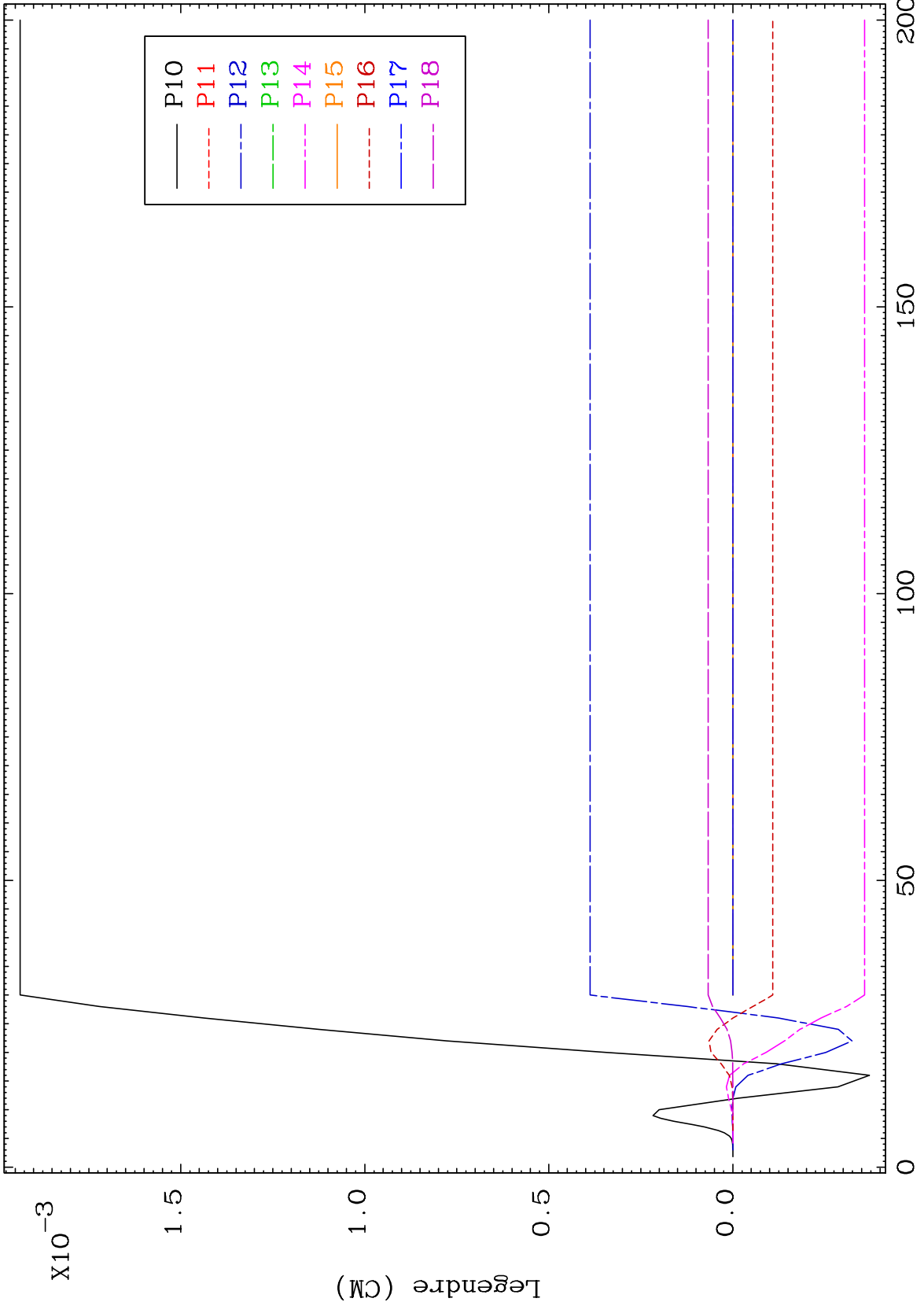
62-Sm-130



MAT 6183

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

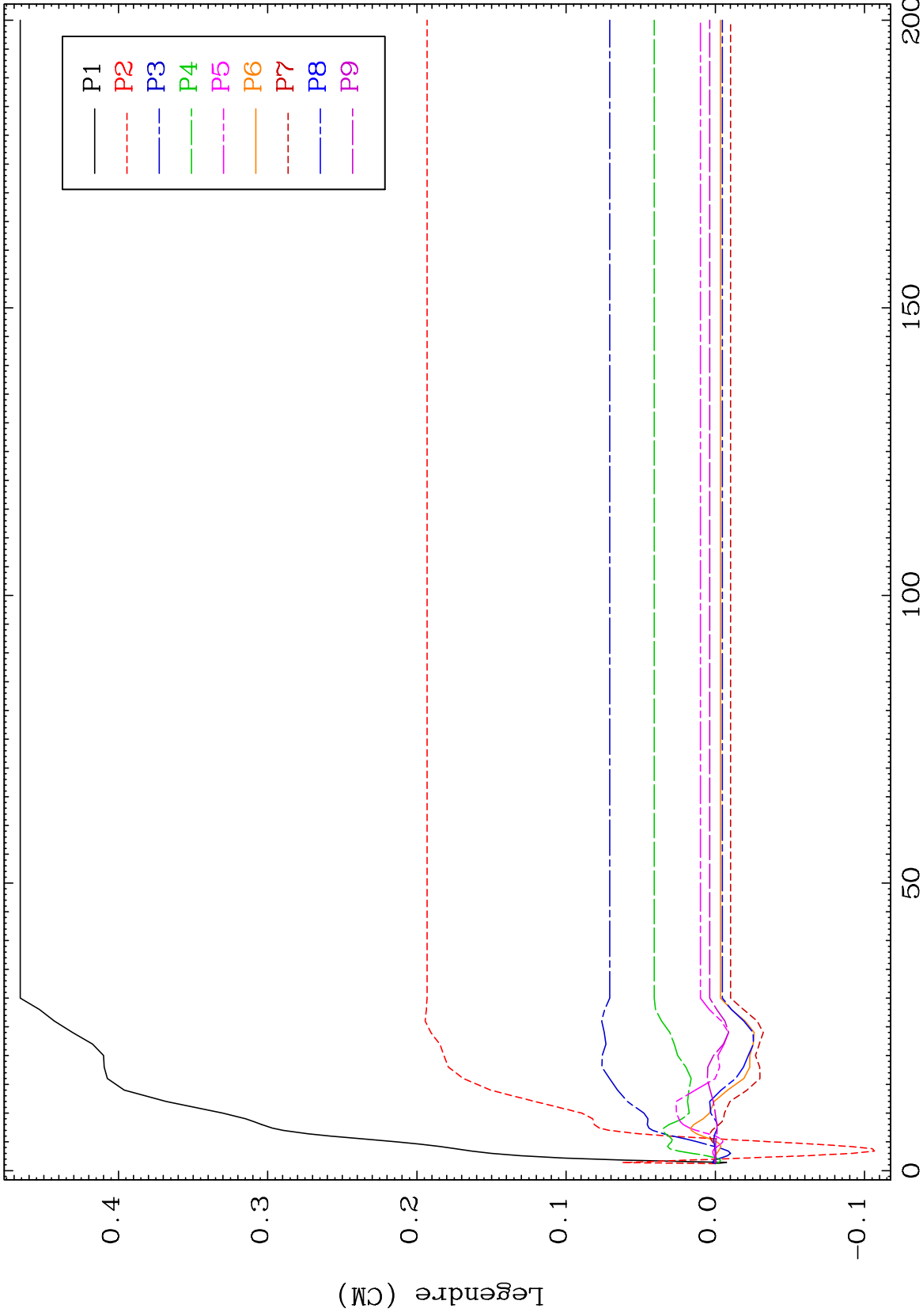
62-Sm-130



MAT 6183

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

62-Sm-130



56

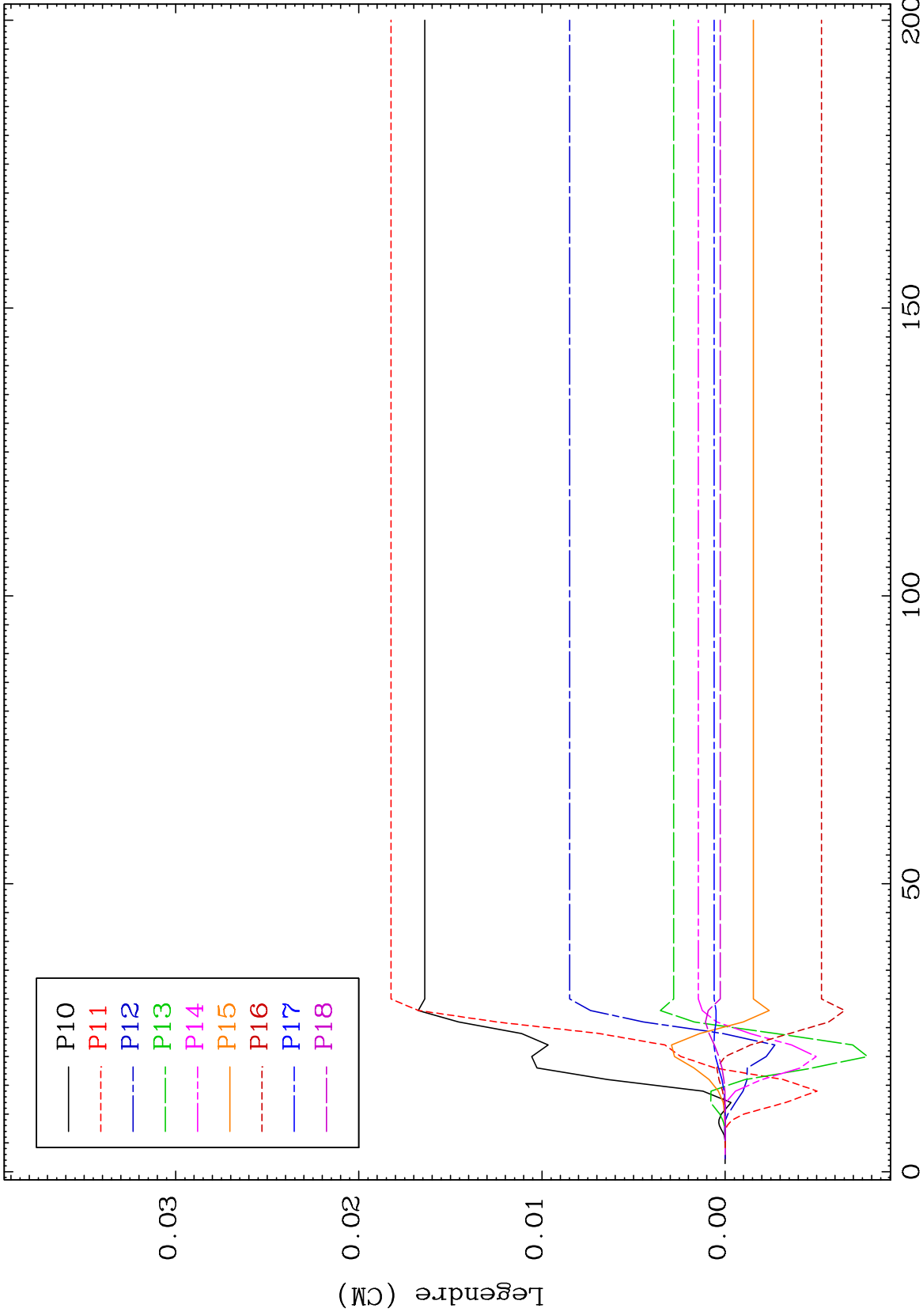
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



57

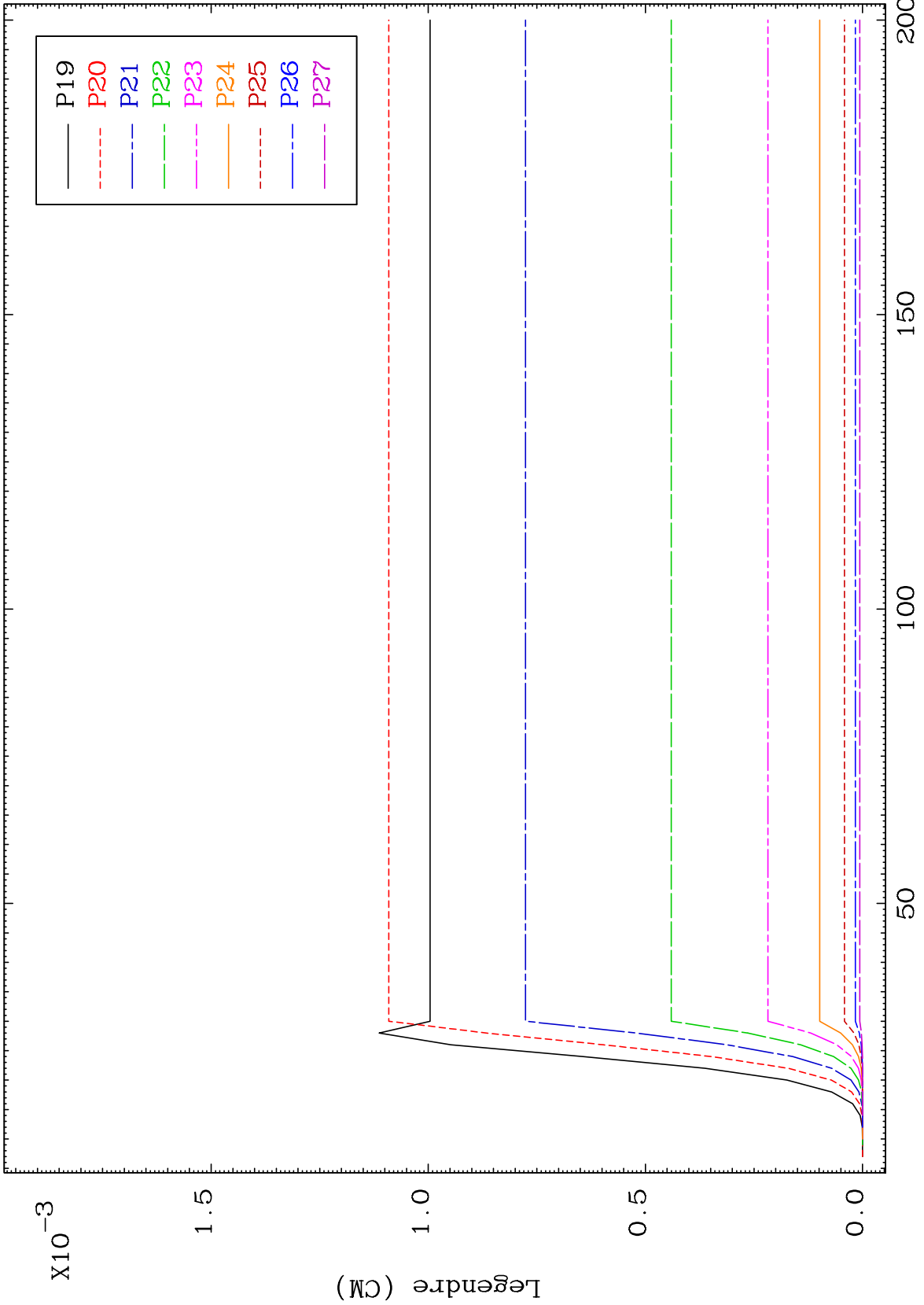
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



58

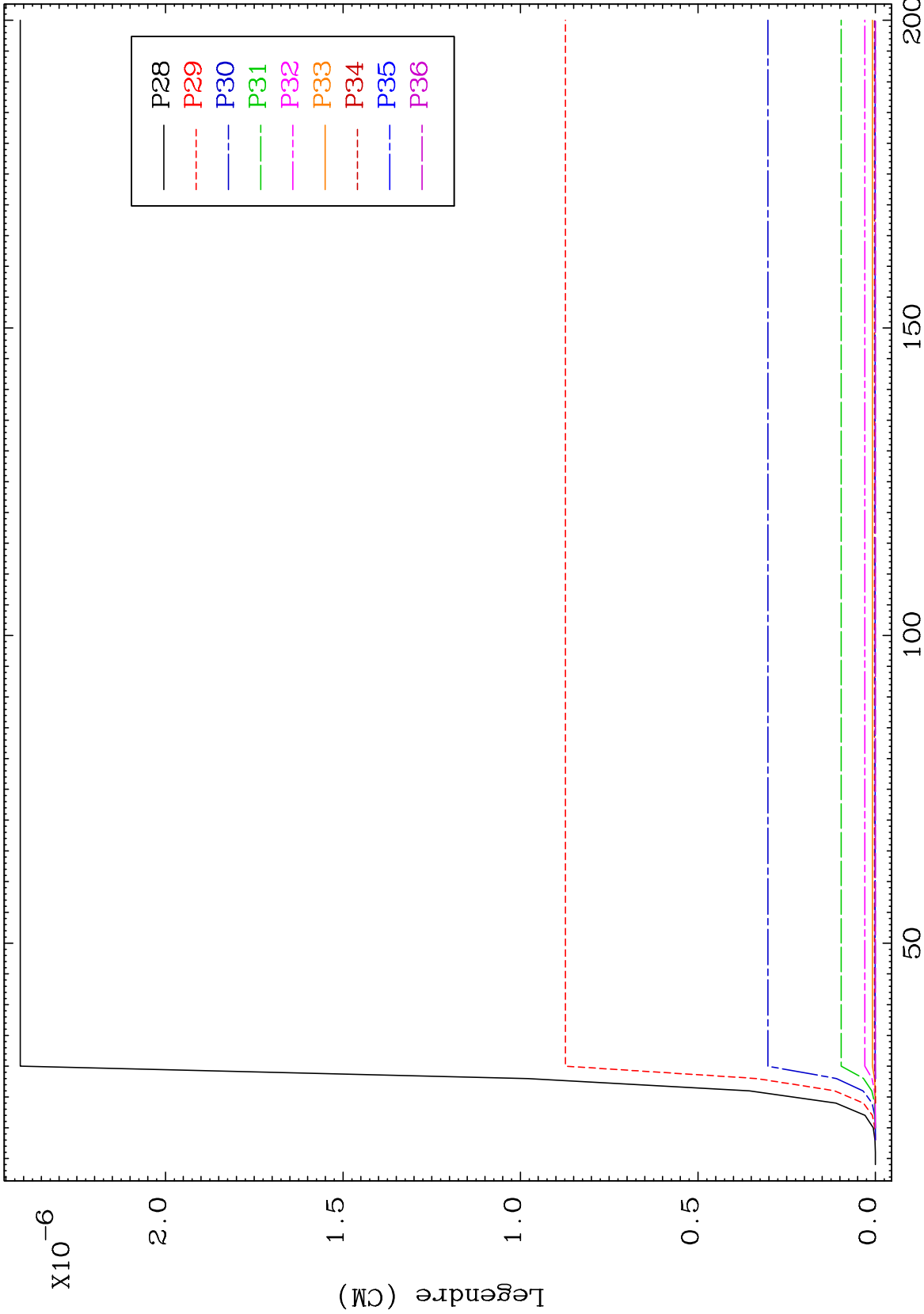
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



59

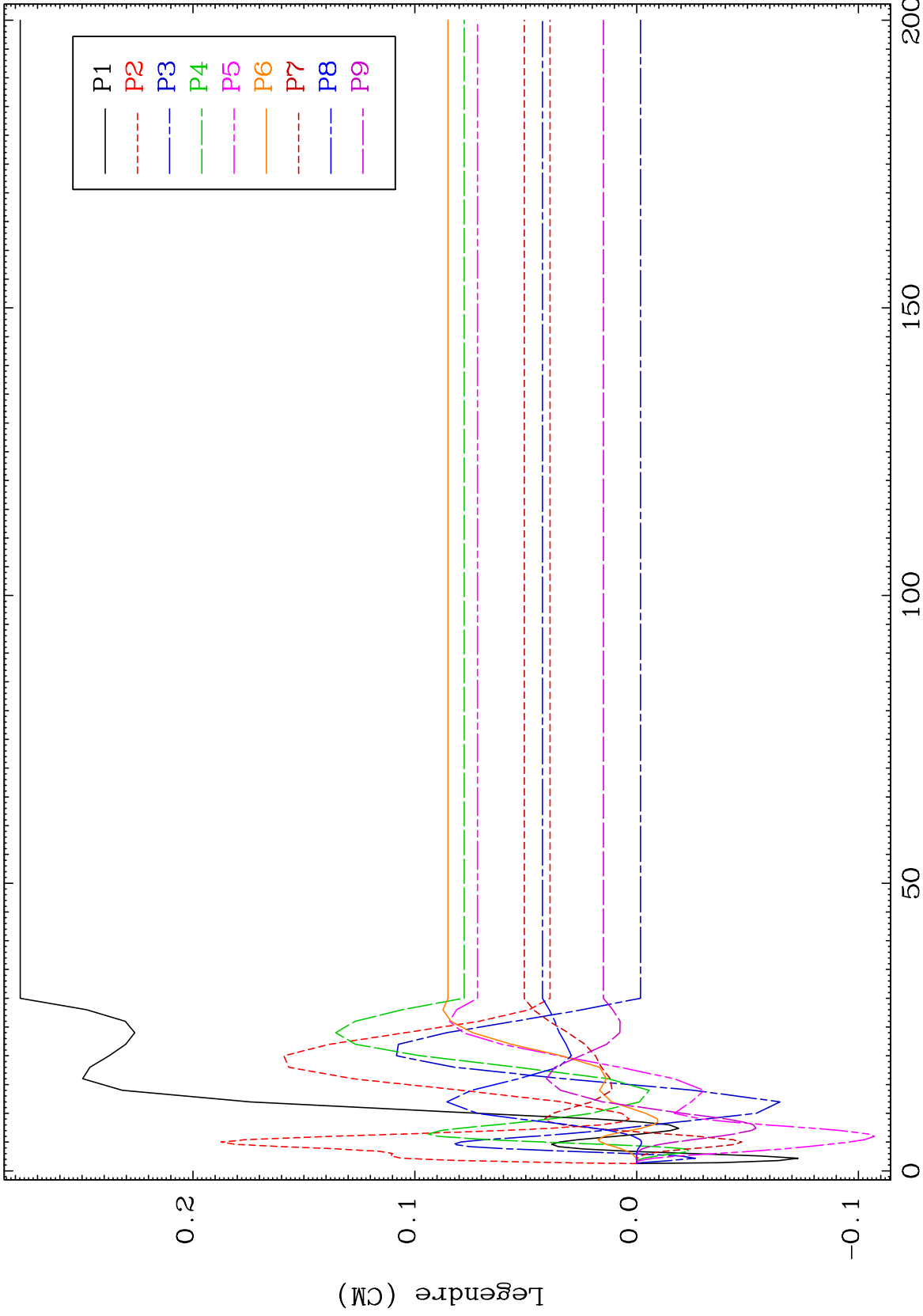
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130

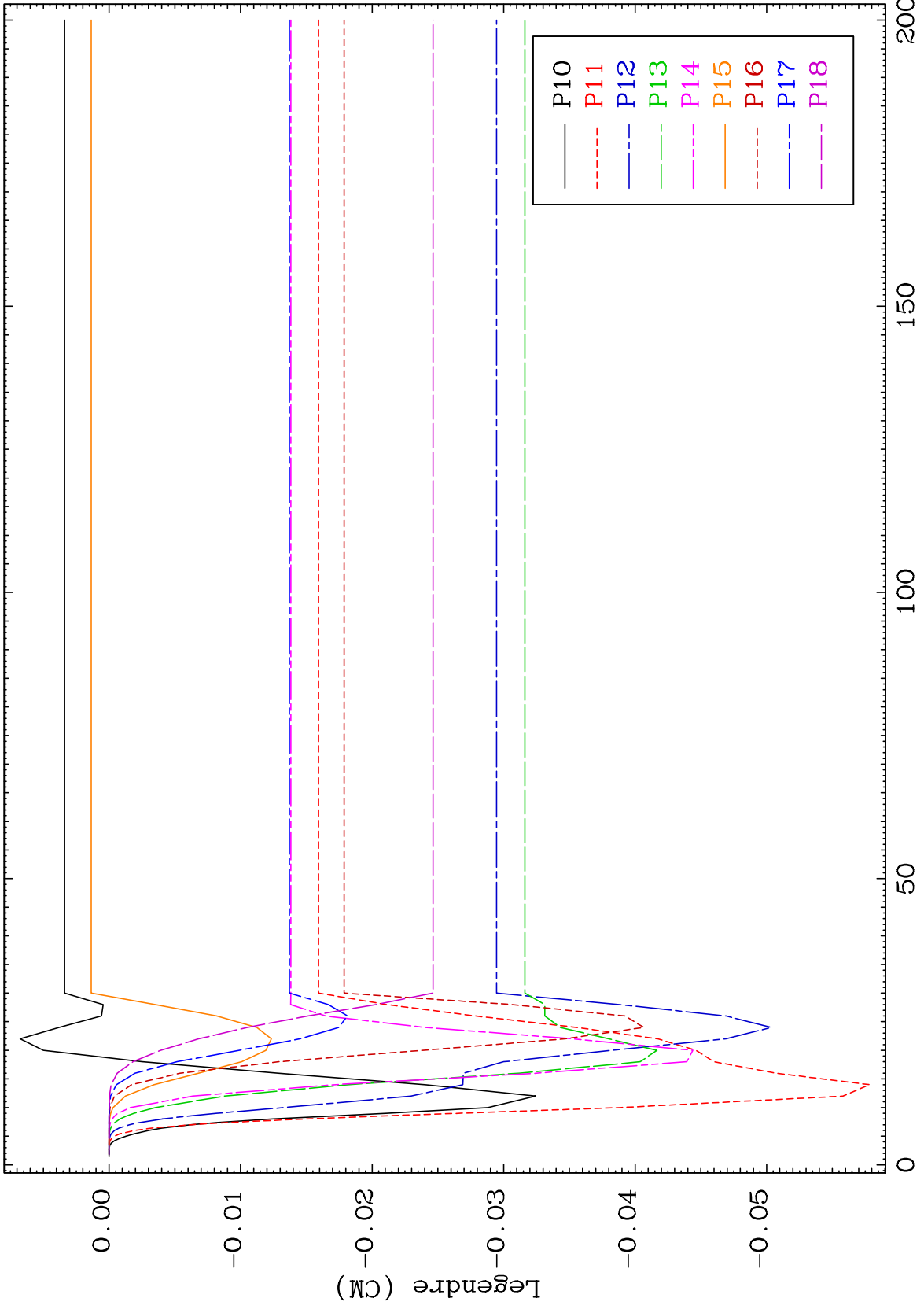


60

Incident Energy (MeV)

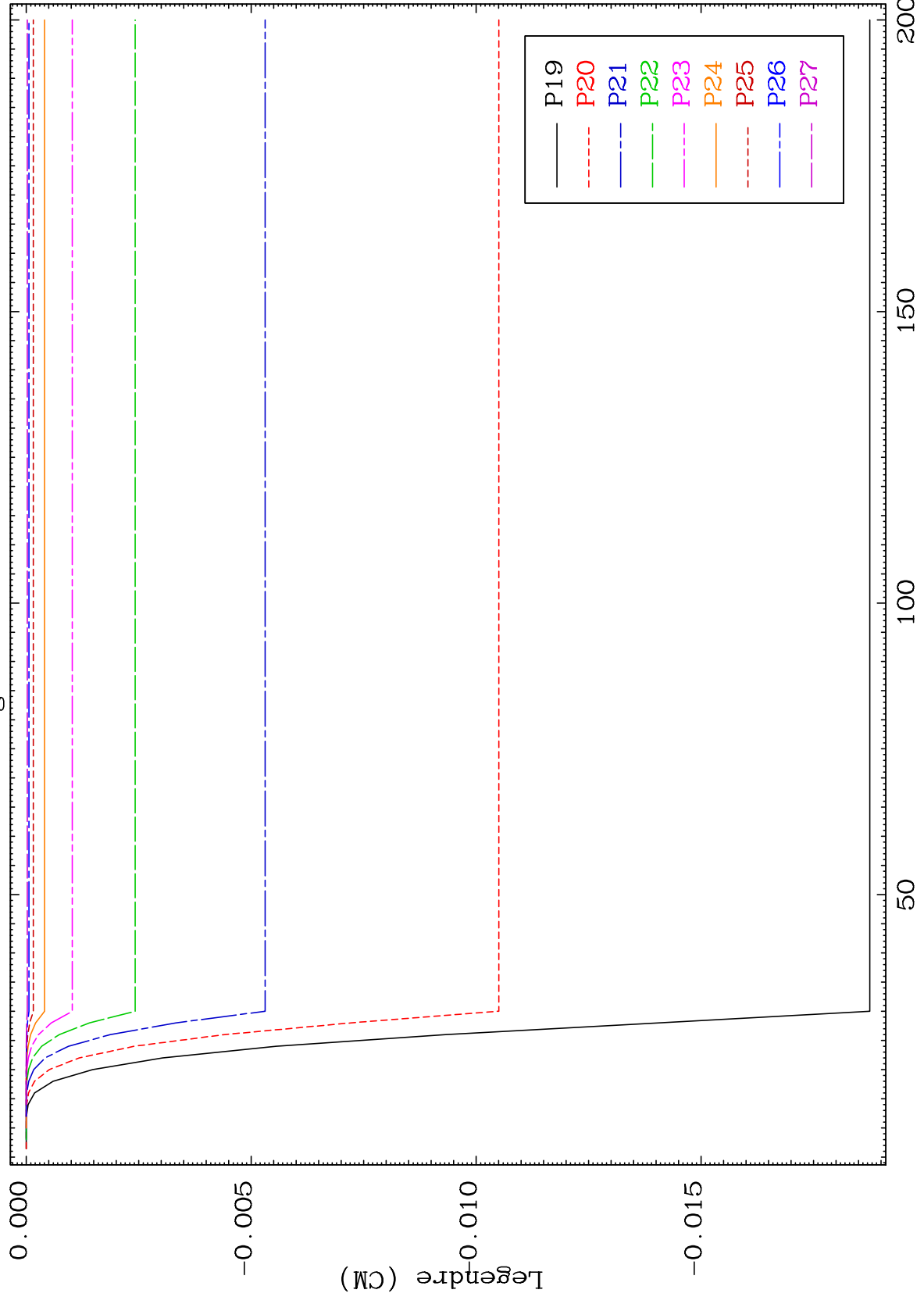
62-Sm-130

MAT 6183 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-130



61 Incident Energy (MeV) 62-Sm-130

MAT 6183 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-130

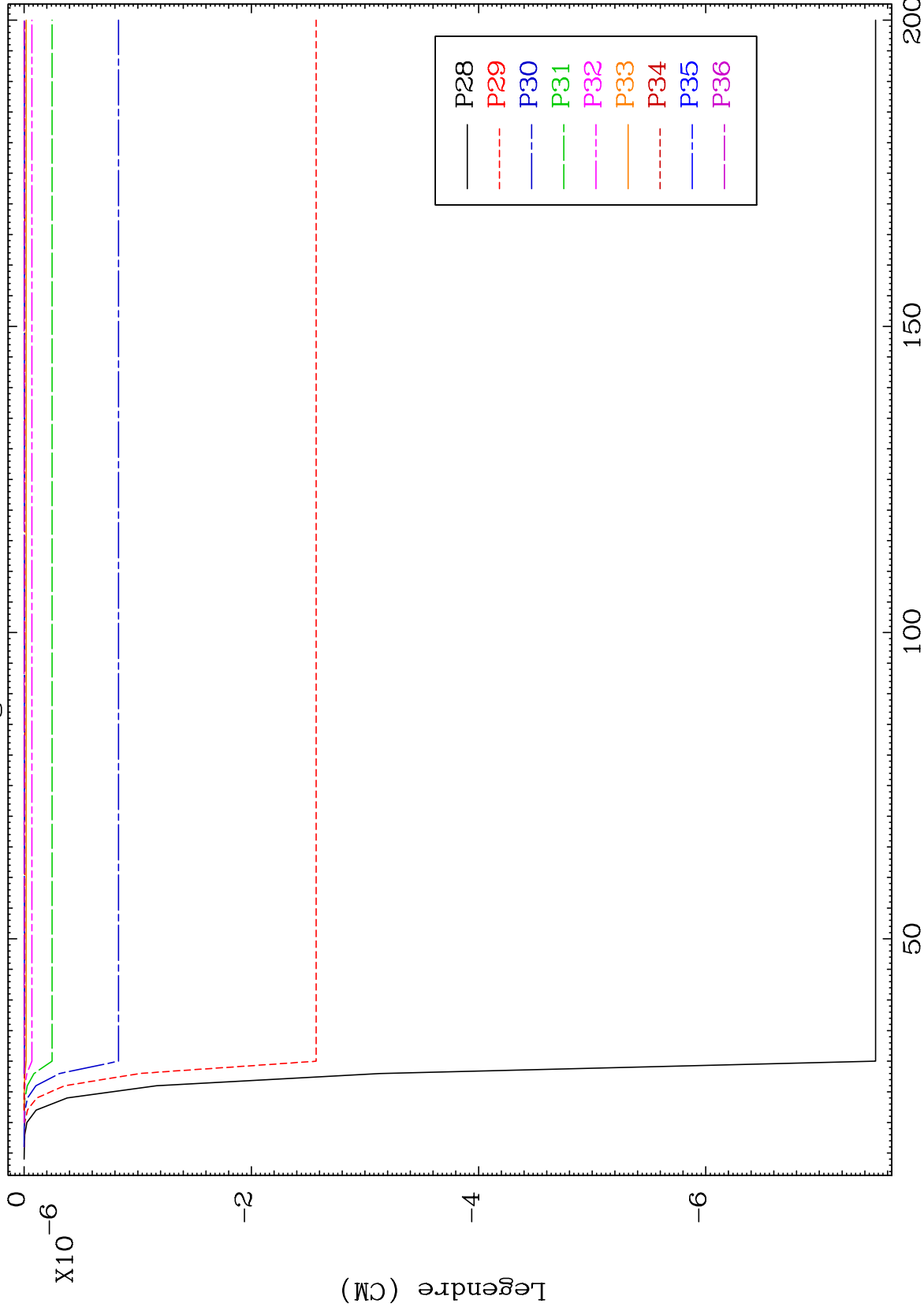


62 62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

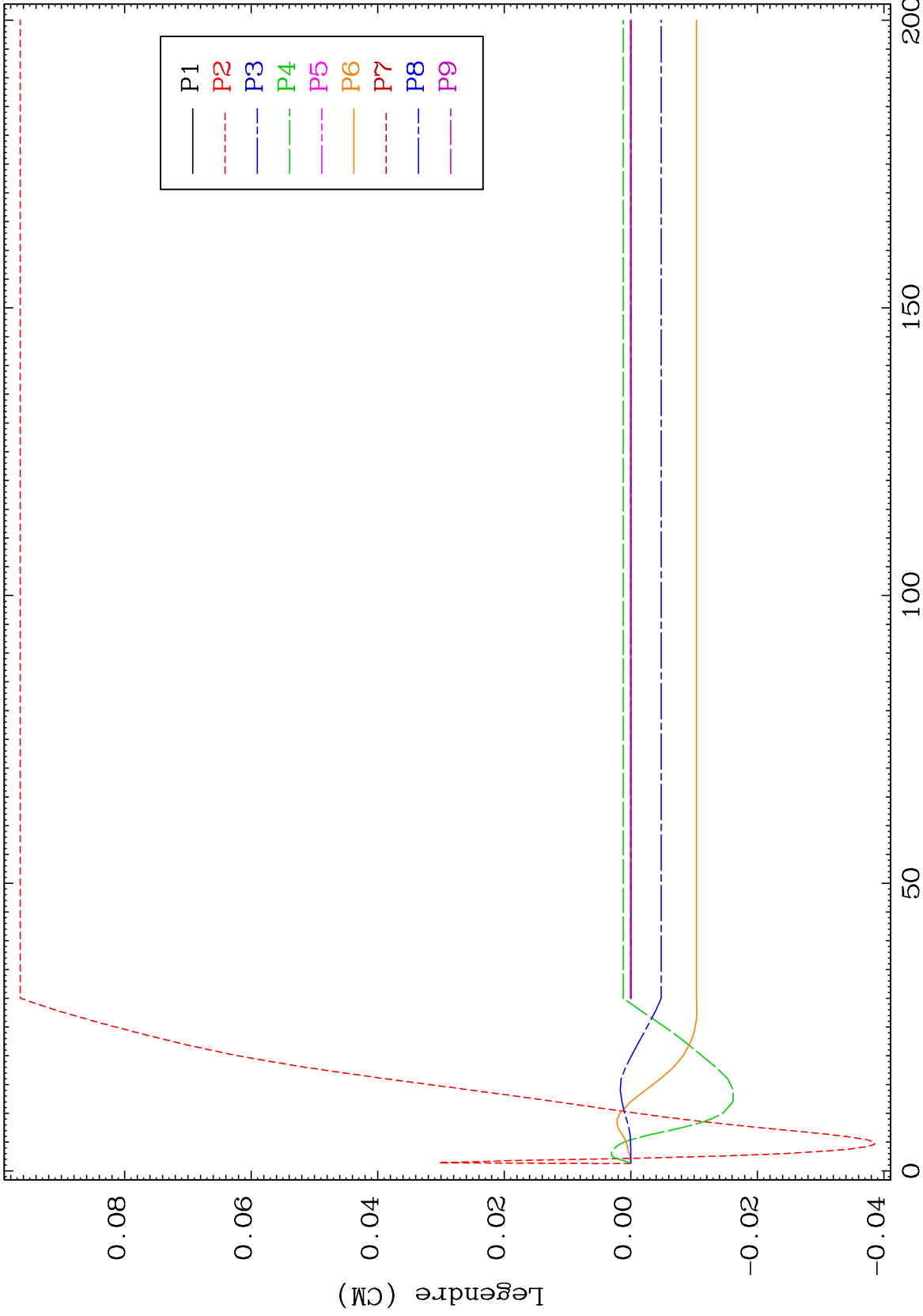
Incident Energy (MeV)

63

MAT 6183

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

62-Sm-130

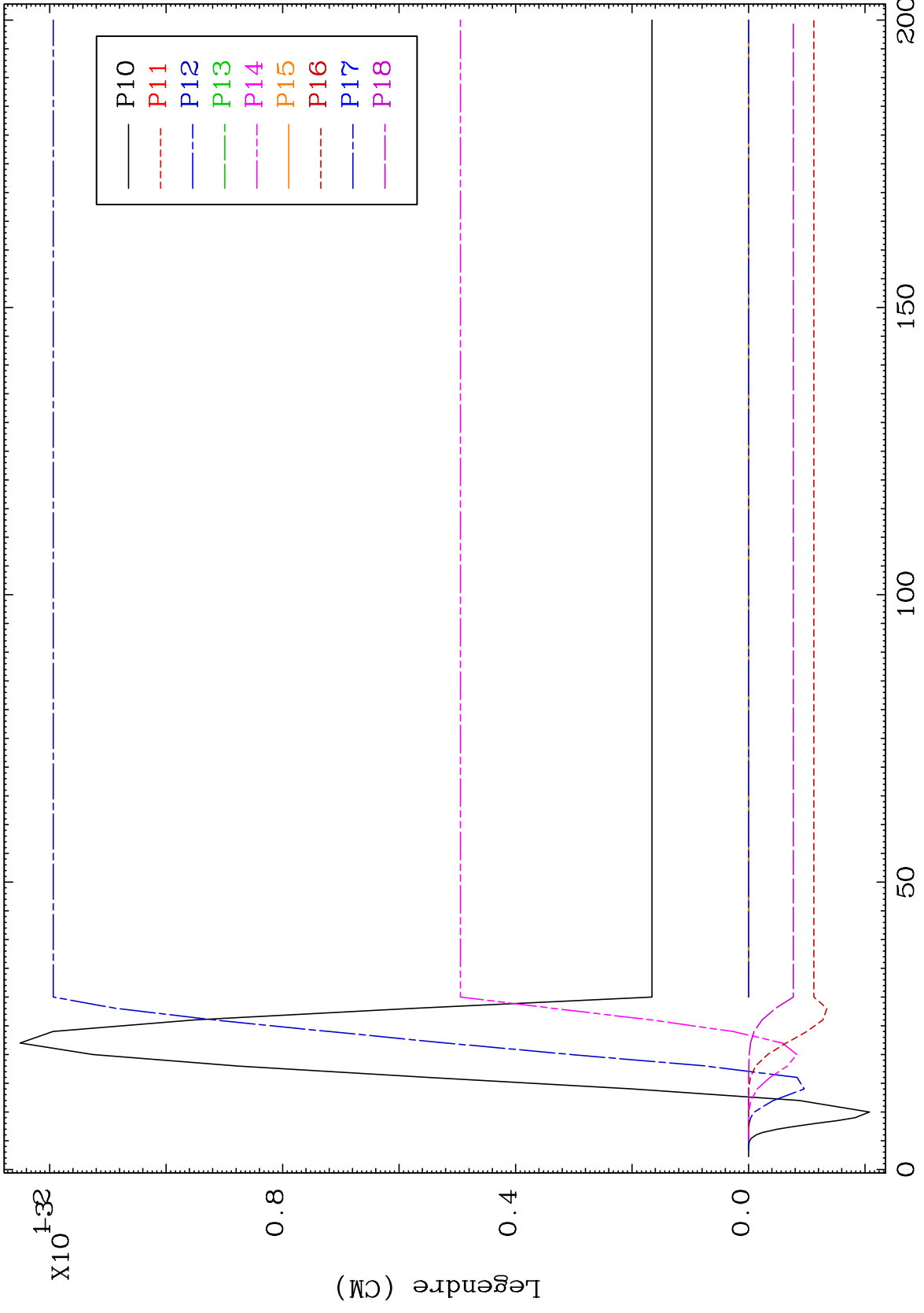


64

Incident Energy (MeV)

62-Sm-130

MAT 6183 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-130

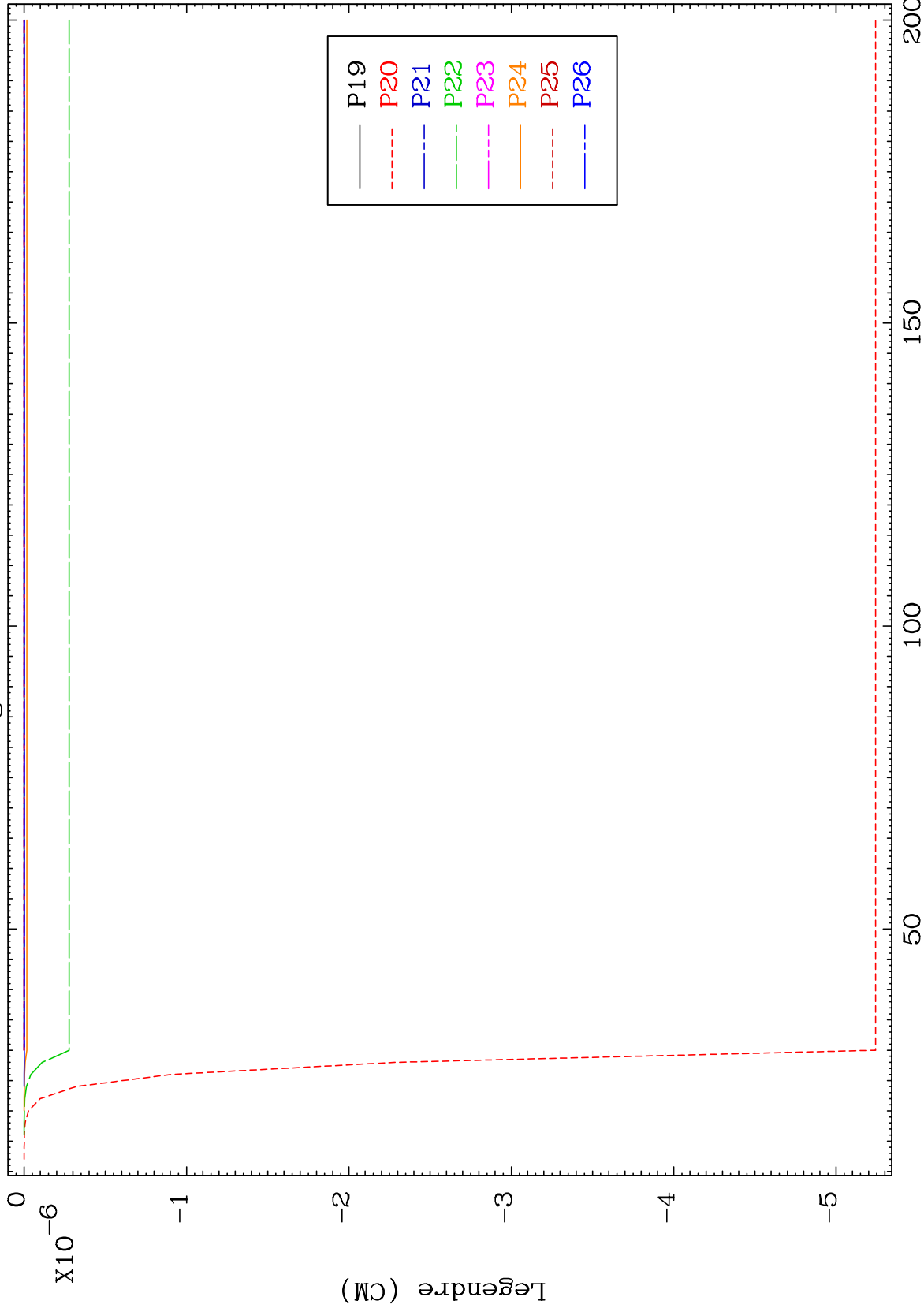


65 62-Sm-130

MAT 6183

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

62-Sm-130



66

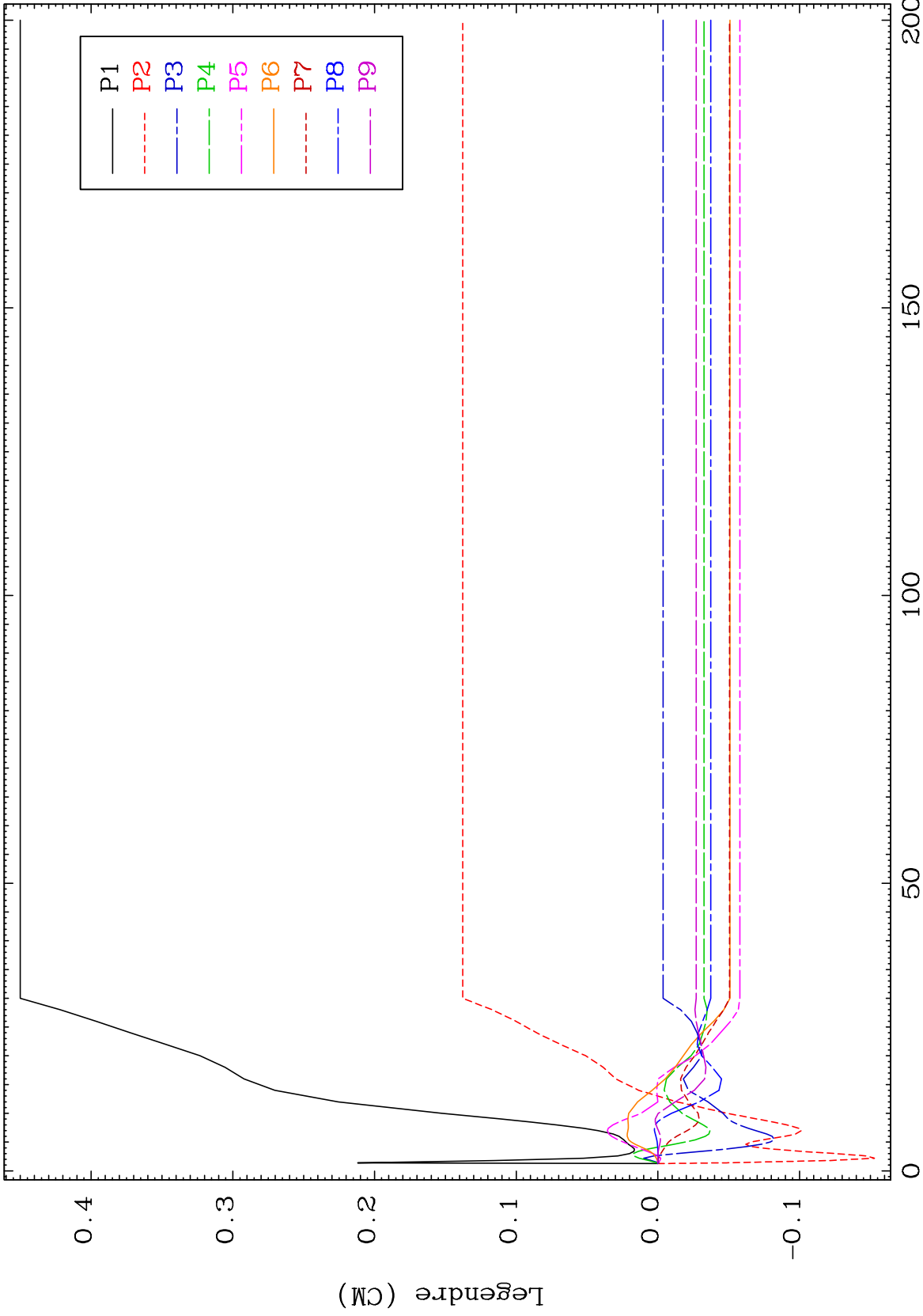
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



67

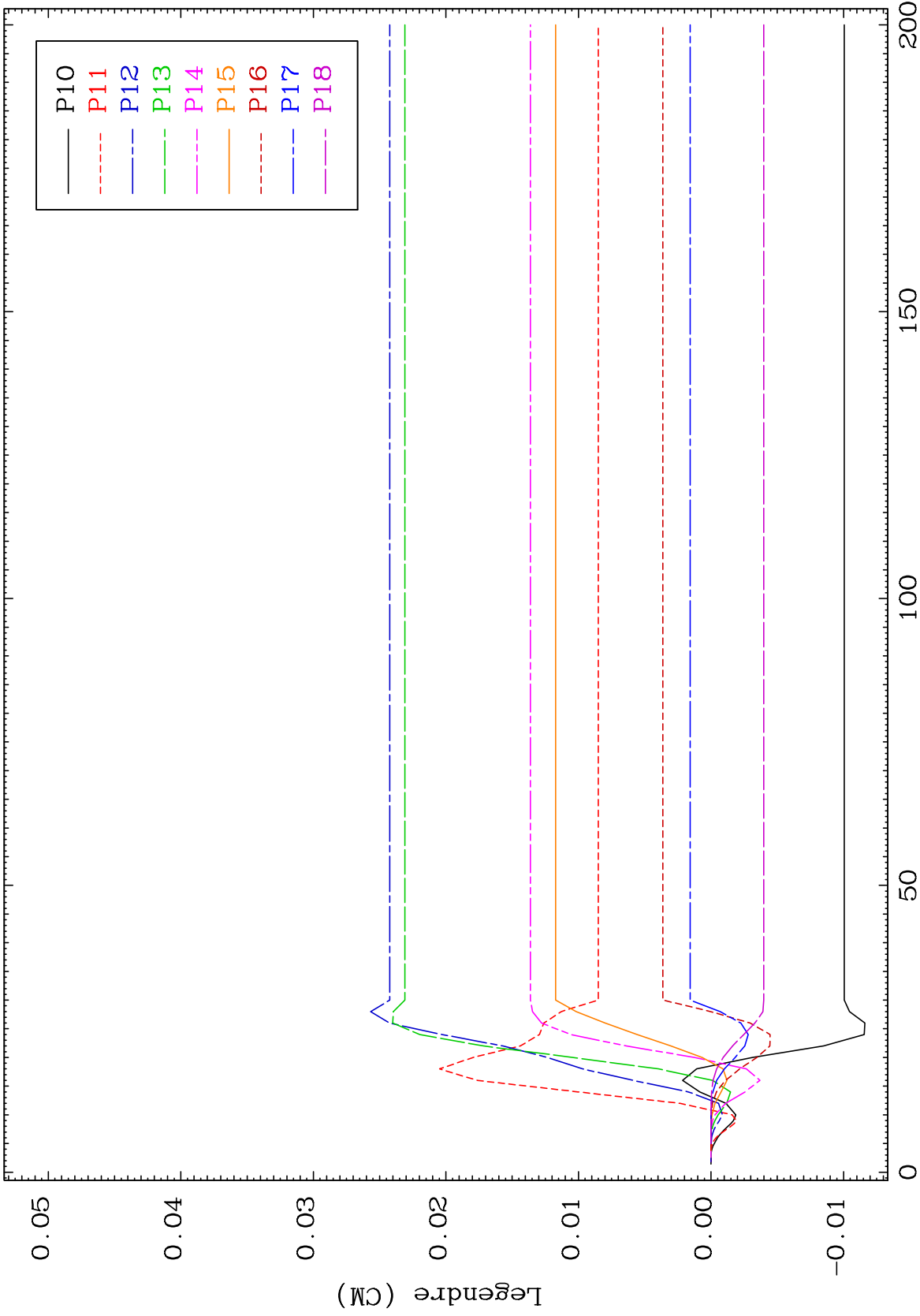
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



68

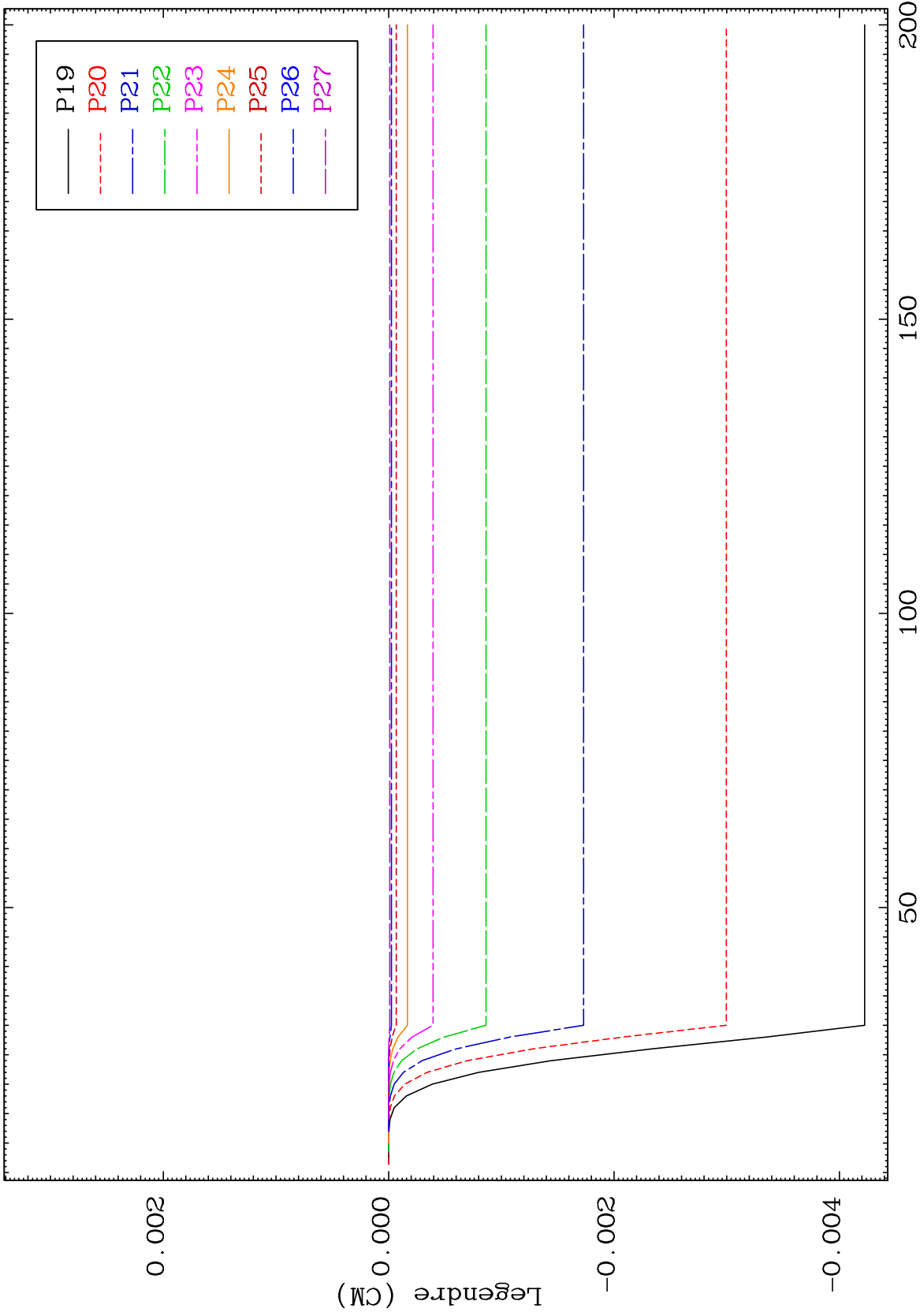
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



69

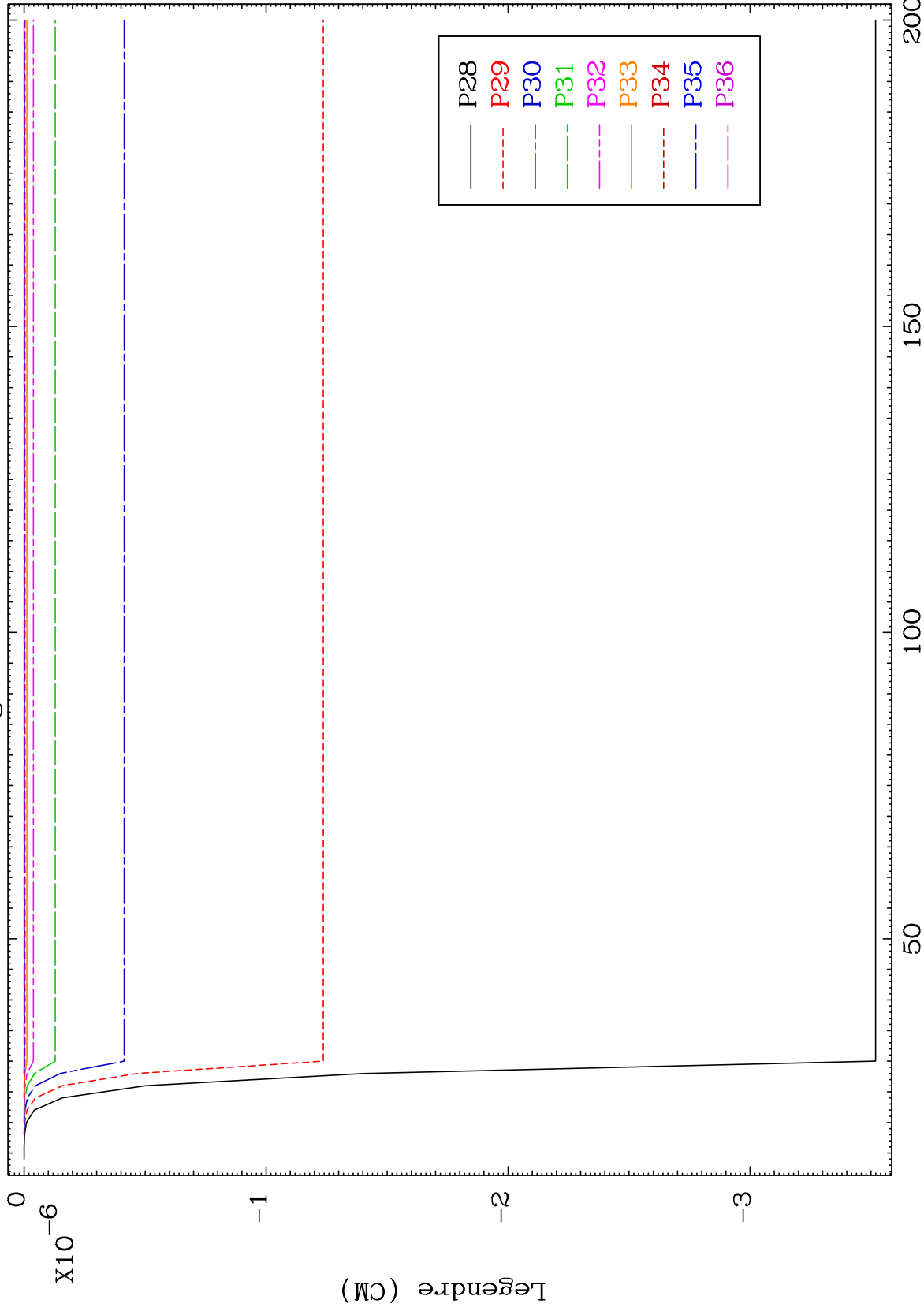
Incident Energy (MeV)

62-Sm-130

MAT 6183

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

62-Sm-130



62-Sm-130

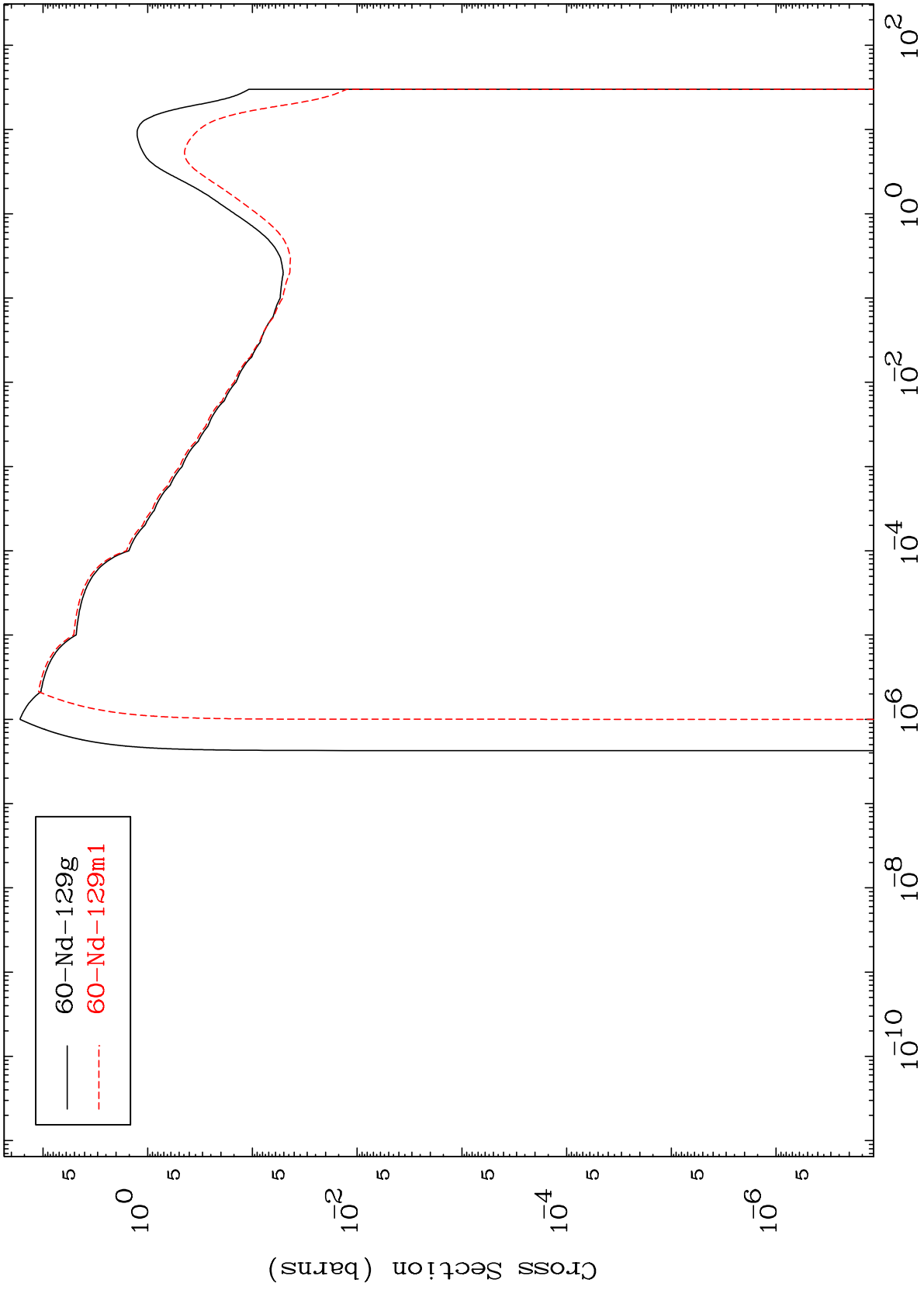
Incident Energy (MeV)

70

MAT 6183

62-Sm-130

Radionuclide Production Cross Section
(n,2p)



71

62-Sm-130