

Program EVALPLOT  
(Version 2021-1)

by

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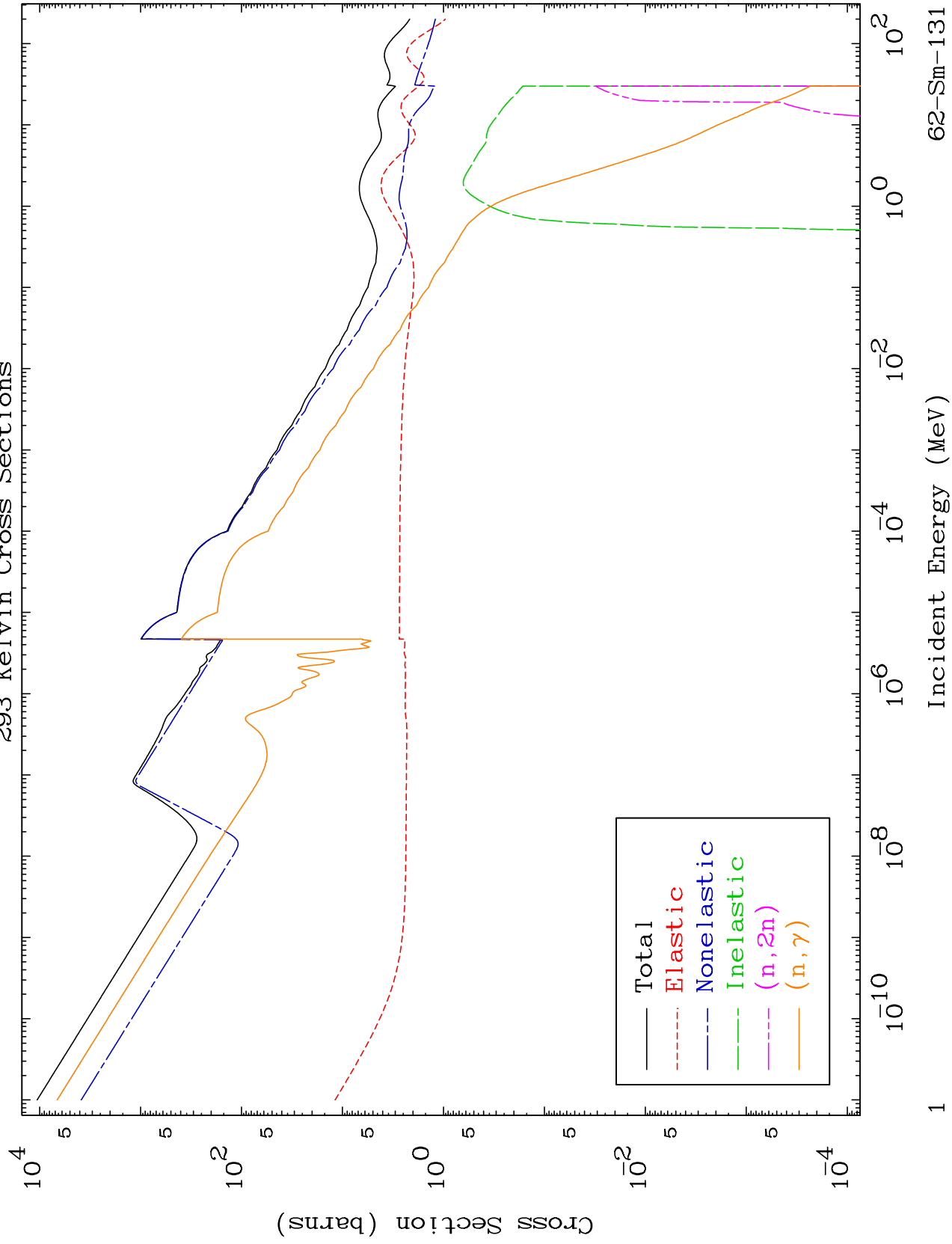
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6186

Neutron Major  
293 Kelvin Cross Sections

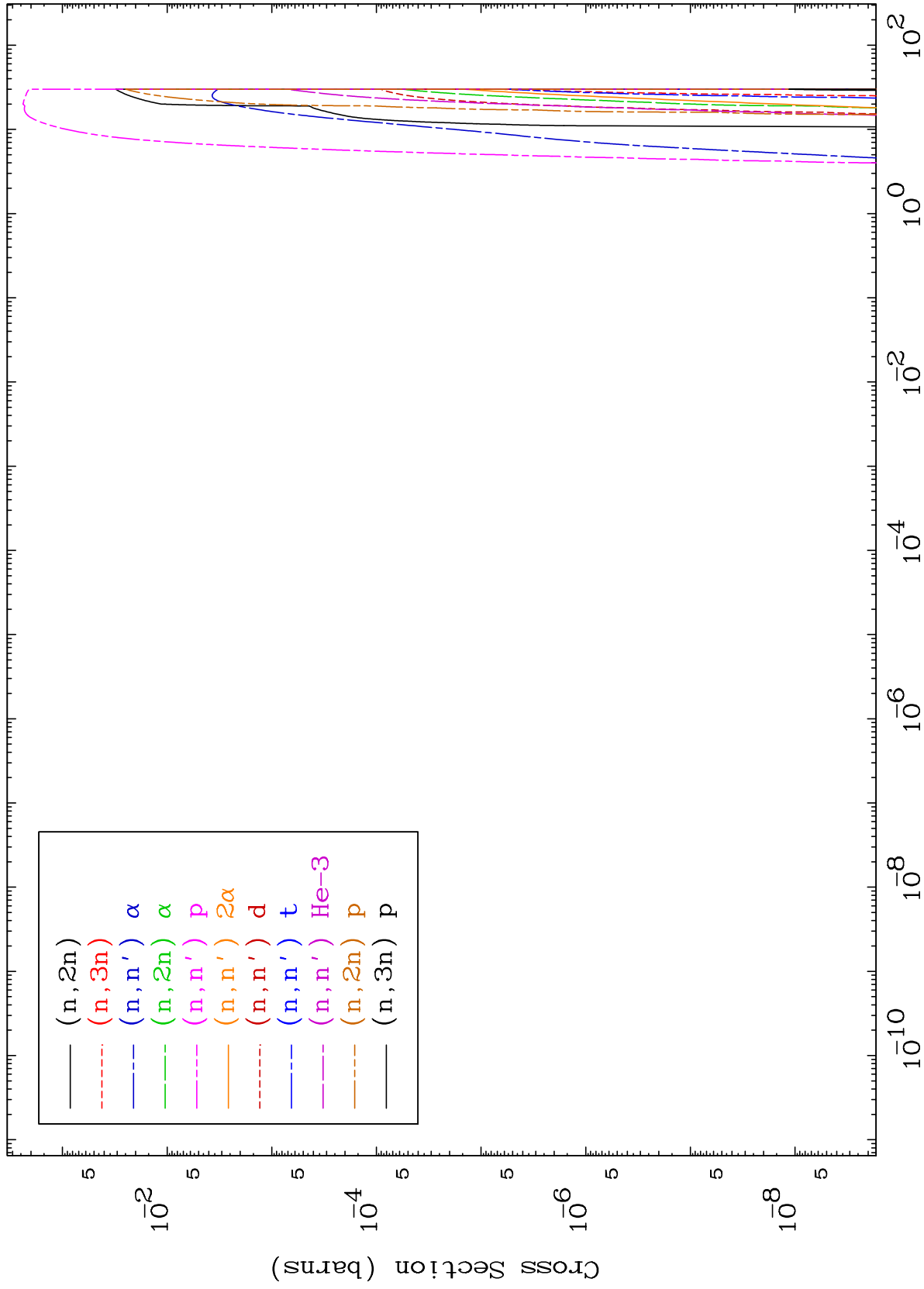
62-Sm-131



MAT 6186

Neutron Absorption  
293 Kelvin Cross Sections

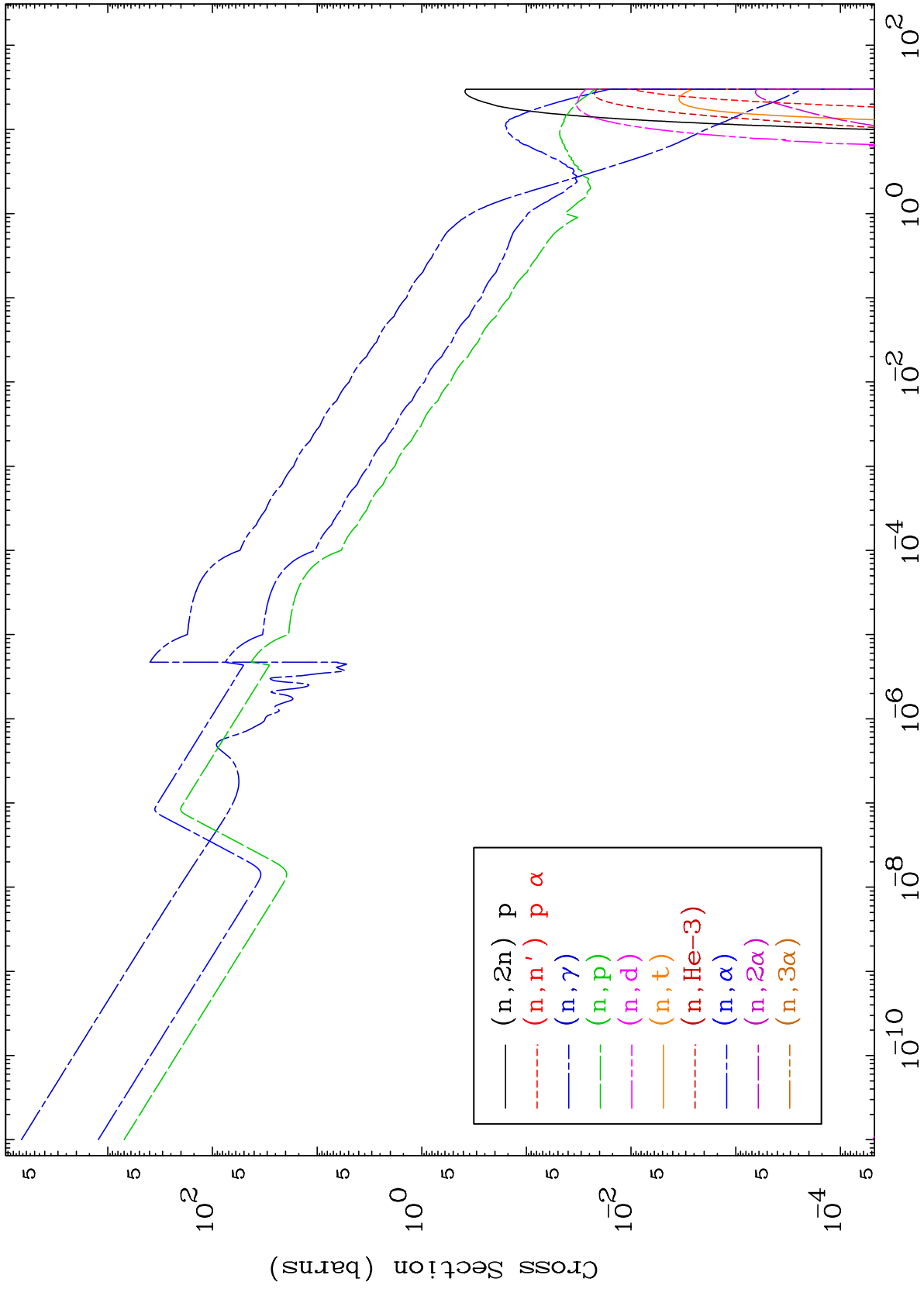
62-Sm-131



MAT 6186

Neutron Absorption  
293 Kelvin Cross Sections

62-Sm-131

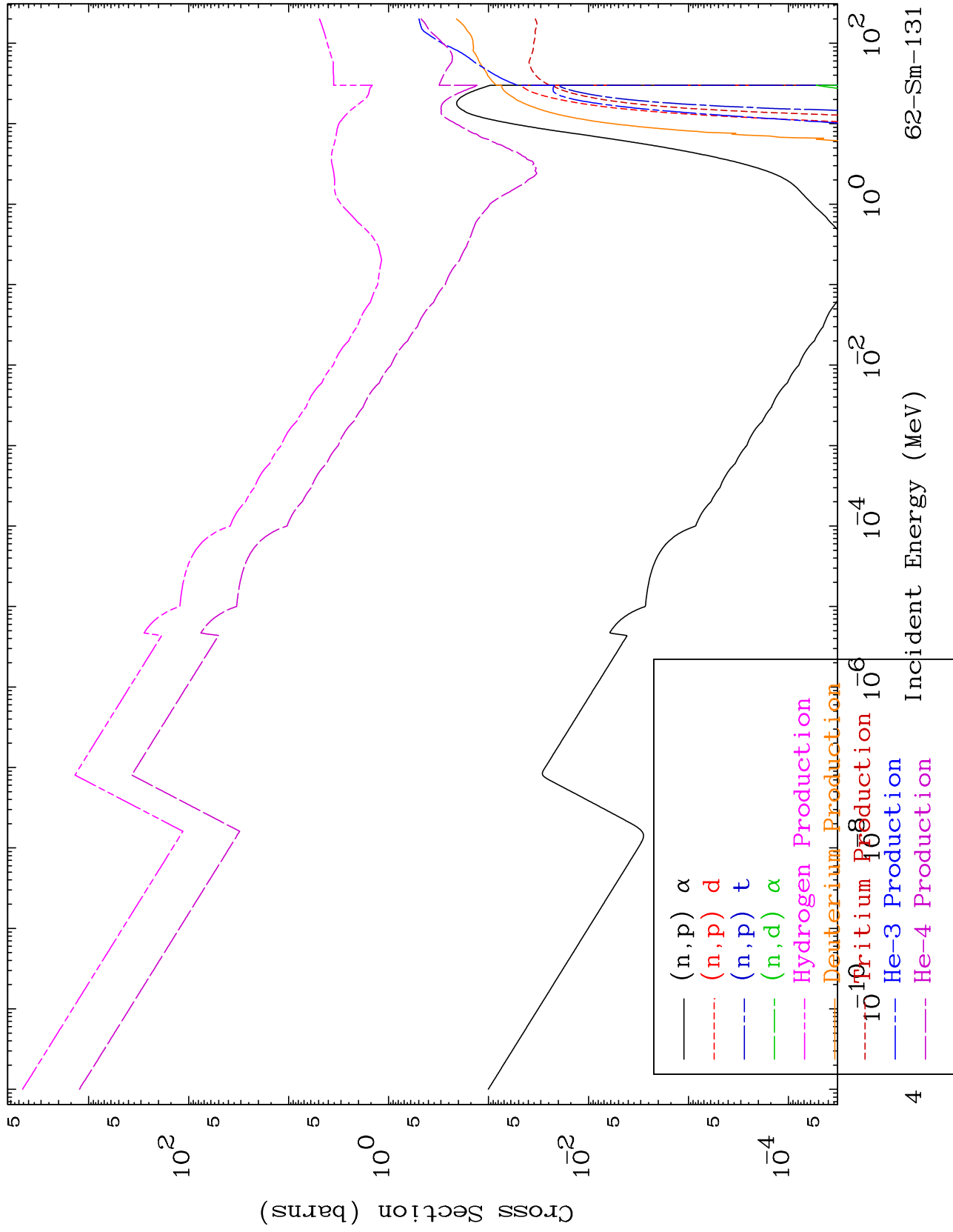


62-Sm-131

MAT 6186

Neutron Absorption  
293 Kelvin Cross Sections

62-Sm-131

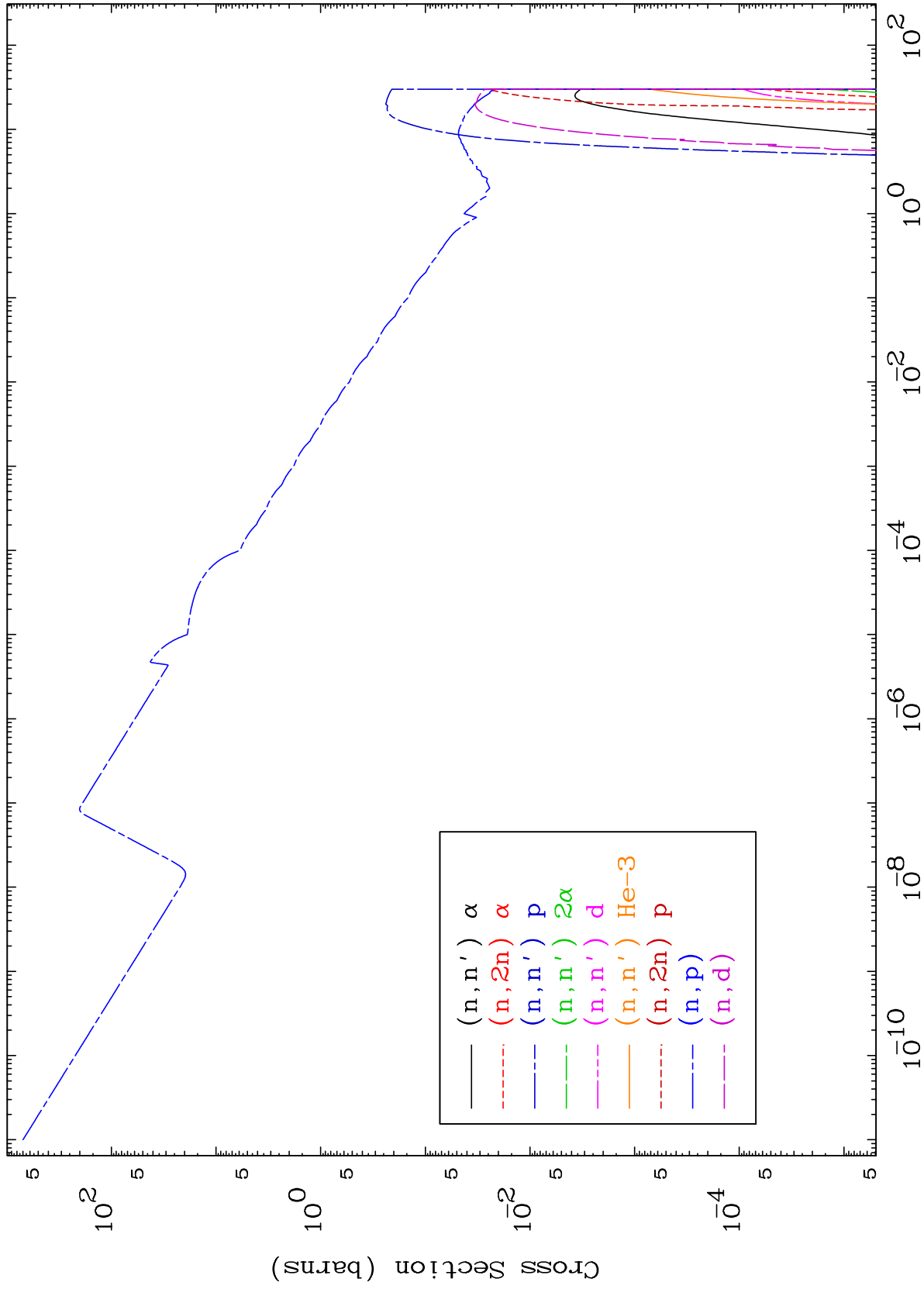


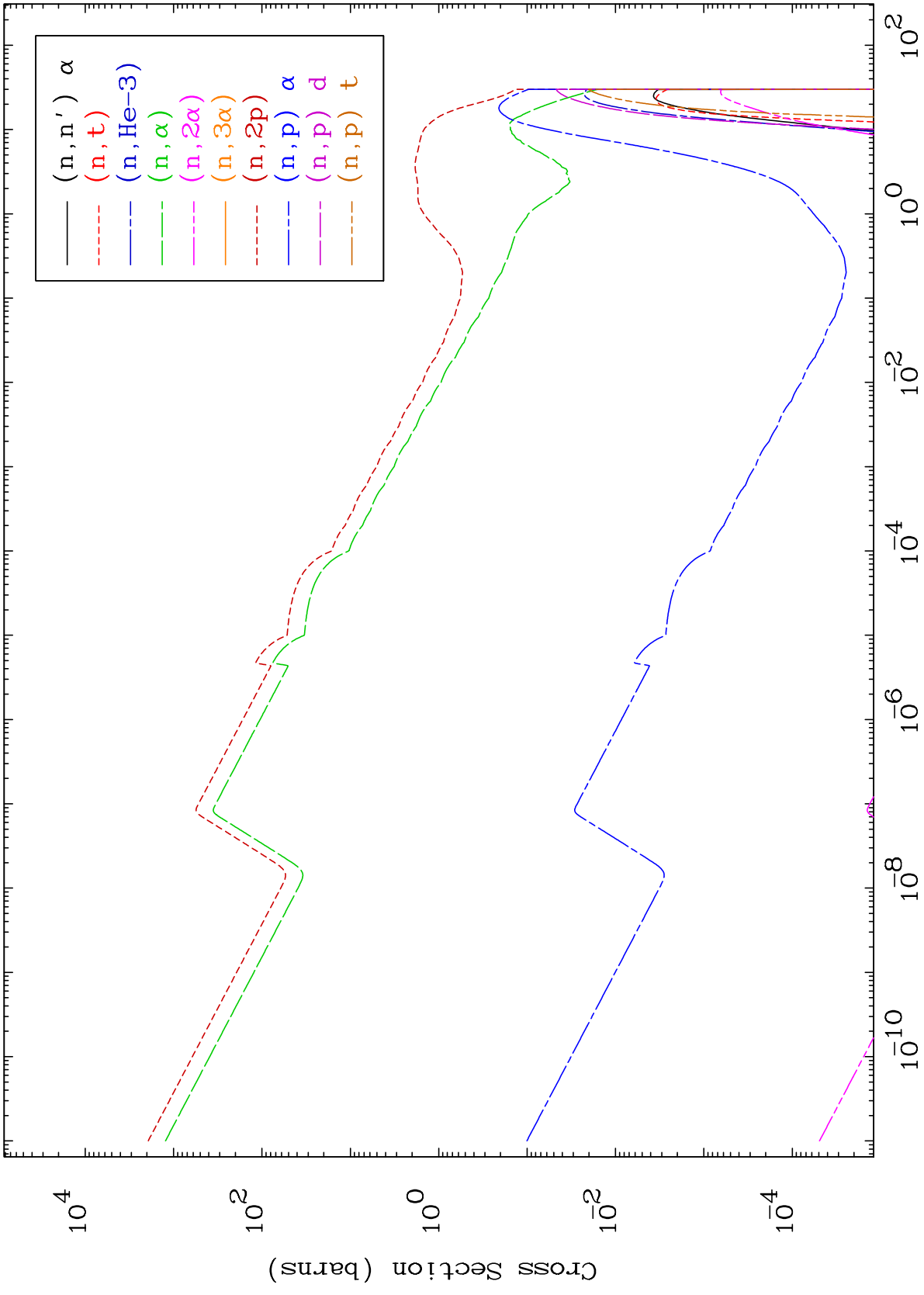
4

MAT 6186

Charged Particle  
293 Kelvin Cross Sections

62-Sm-131

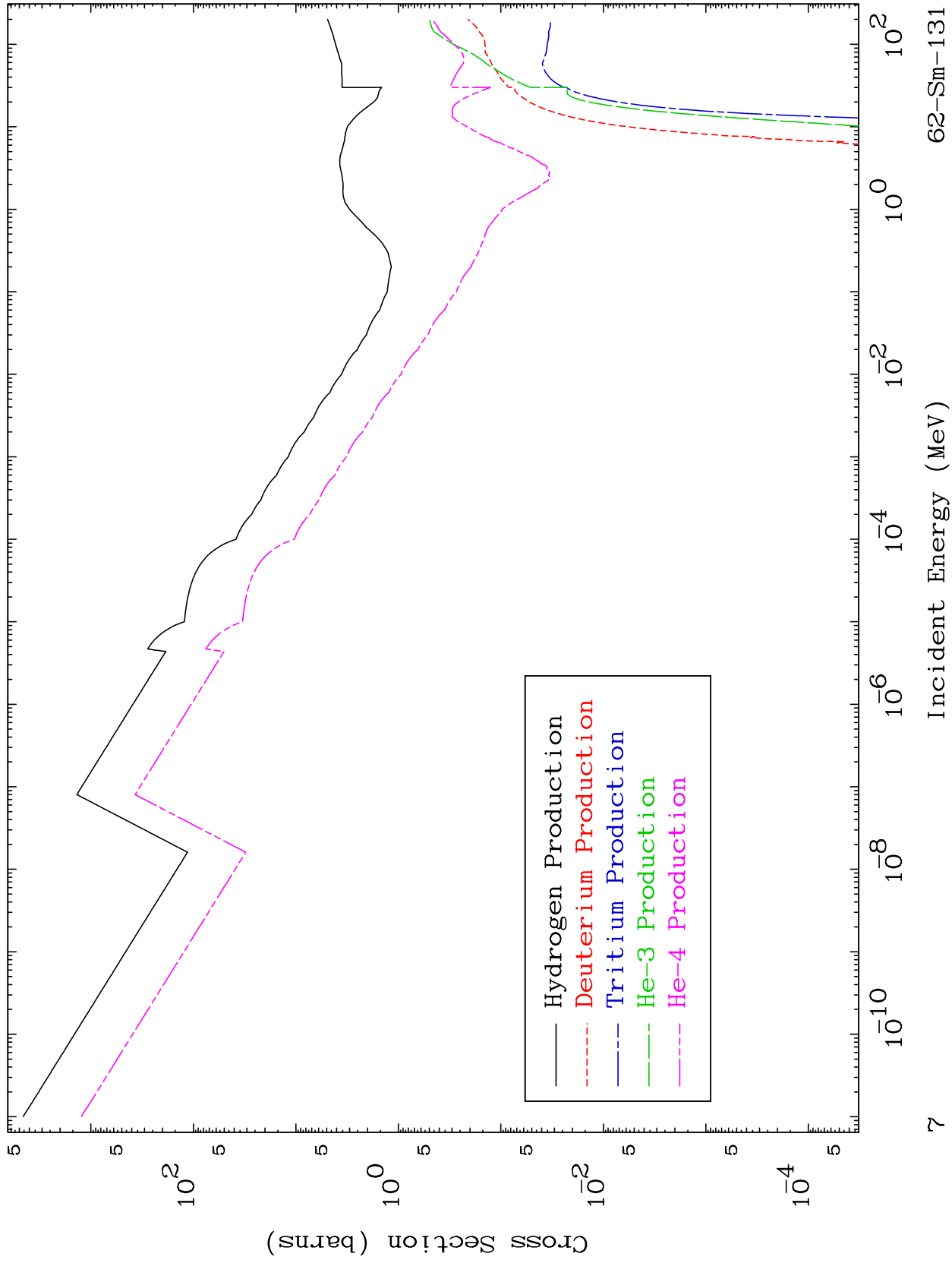




MAT 6186

Particle Production  
293 Kelvin Cross Sections

62-Sm-131

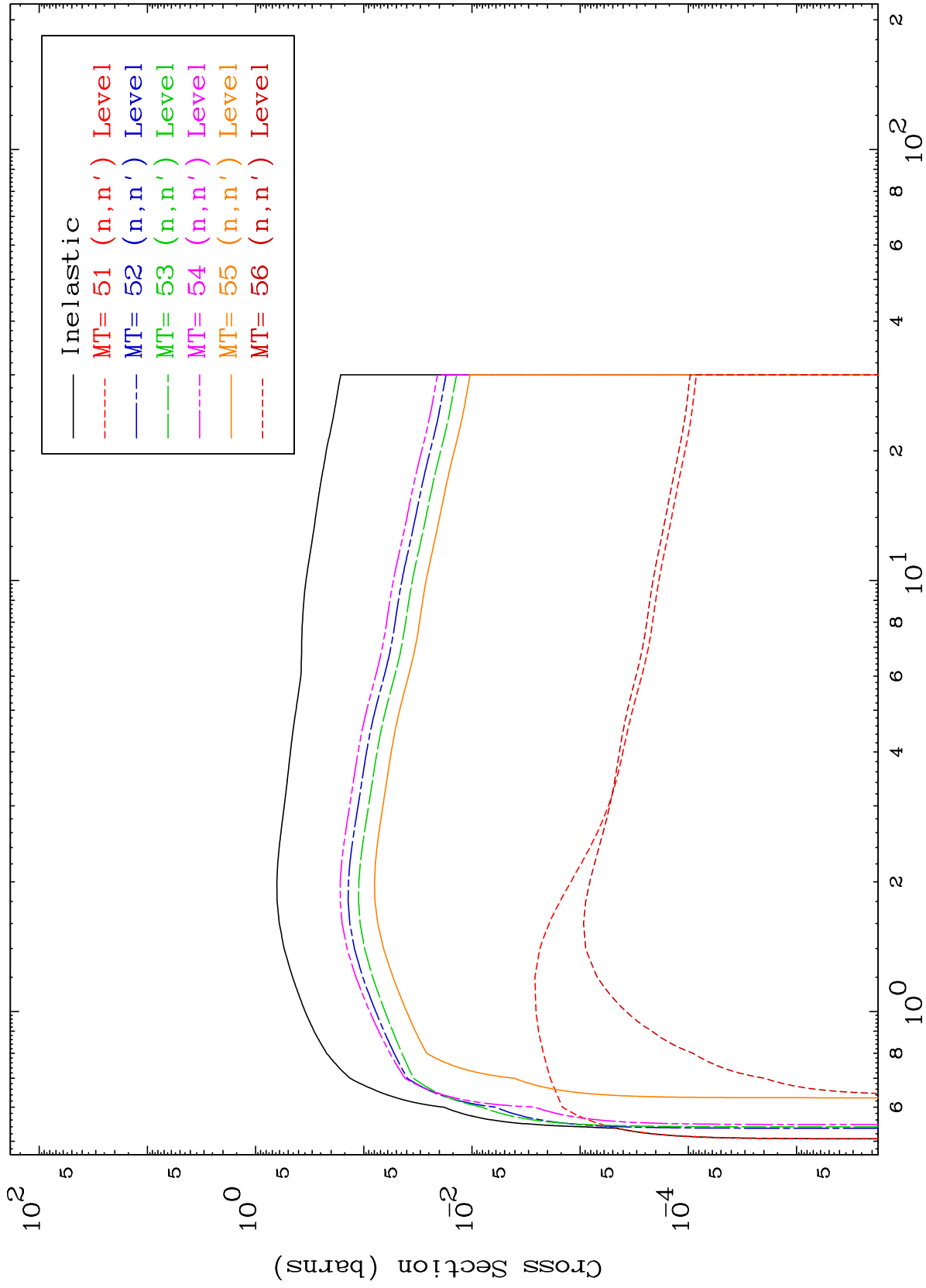




MAT 6186

(n,n') Levels  
293 Kelvin Cross Sections

62-Sm-131



8

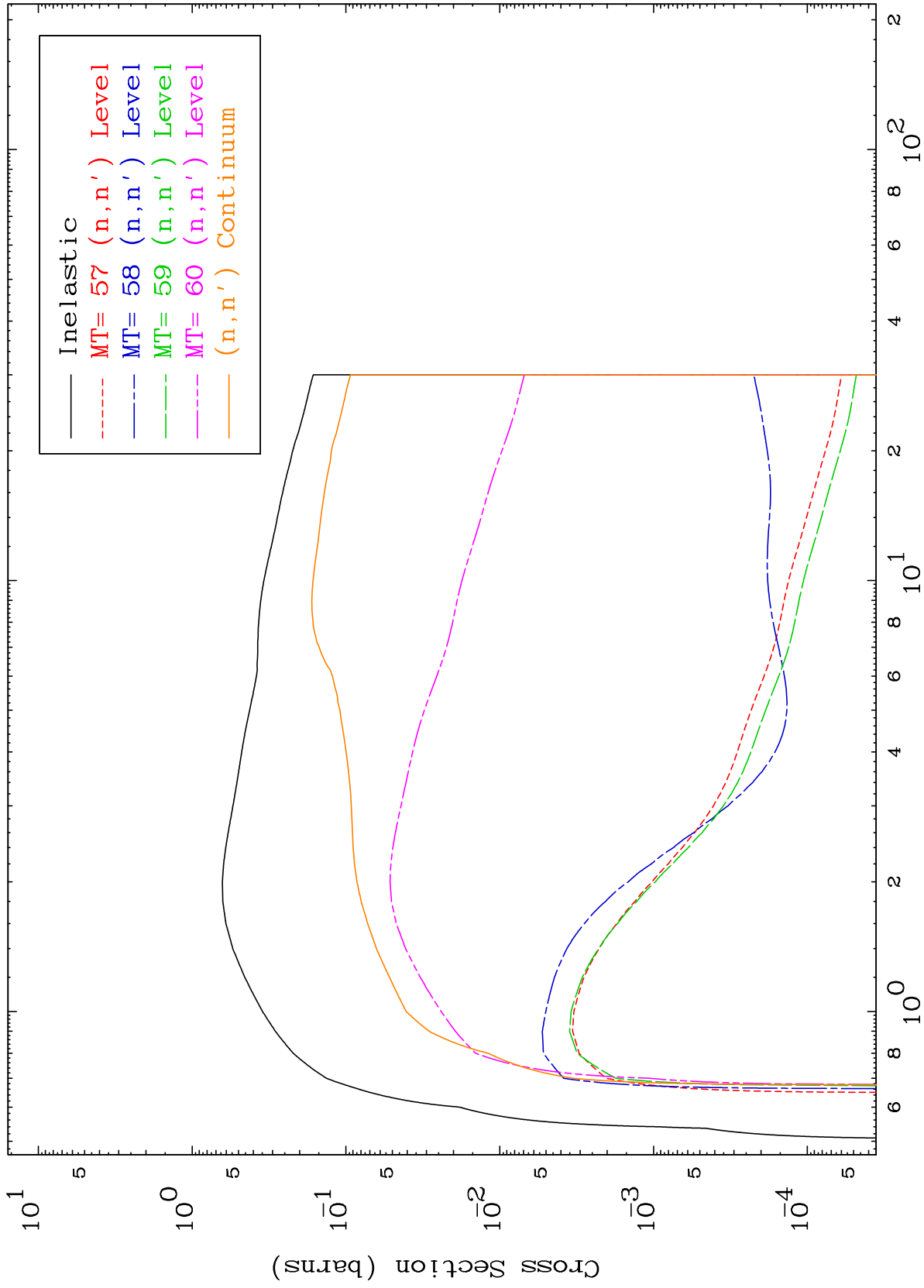
Incident Energy (MeV)

62-Sm-131

MAT 6186

(n,n') Levels  
293 Kelvin Cross Sections

62-Sm-131



9

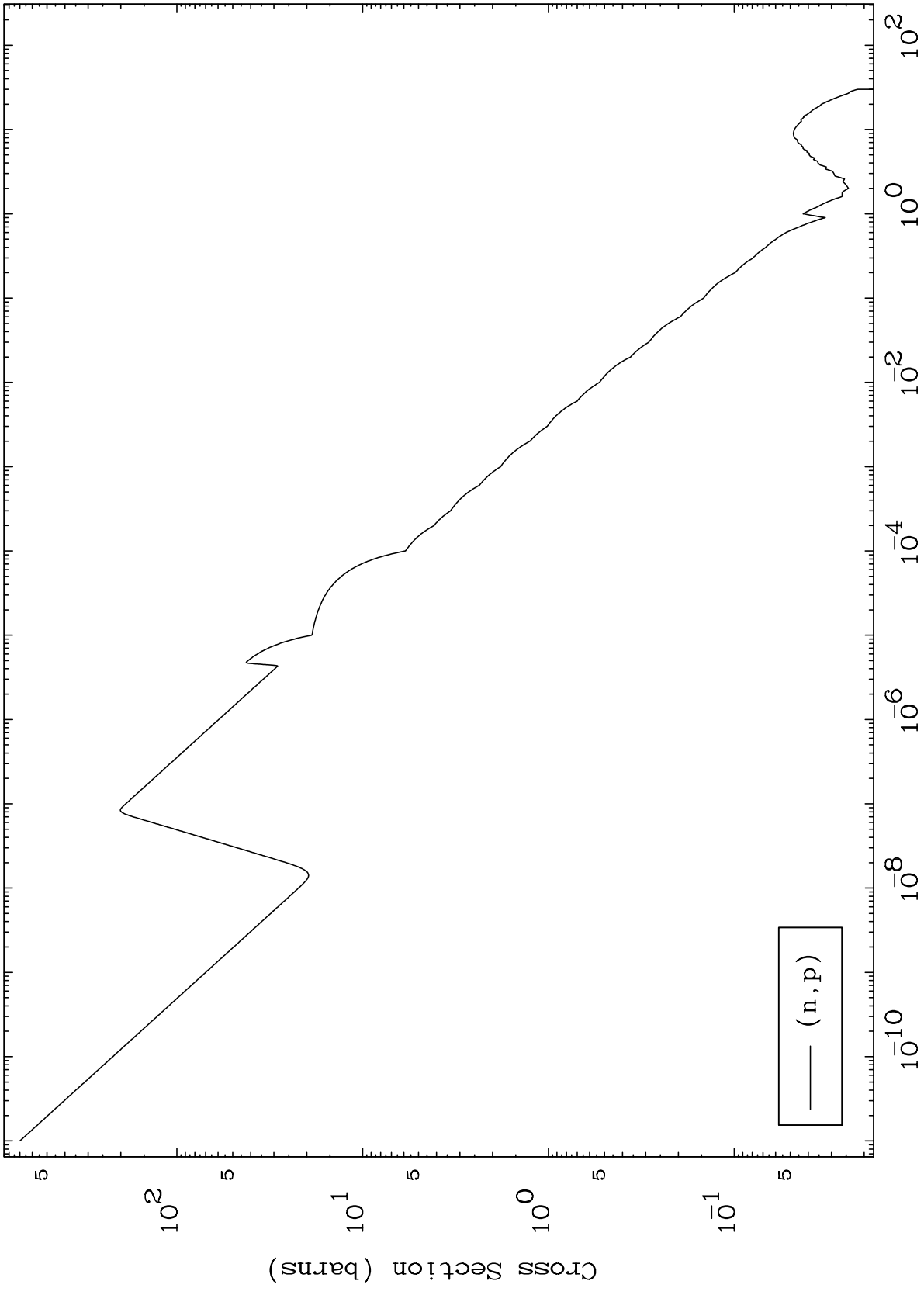
Incident Energy (MeV)

62-Sm-131

MAT 6186

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-131



10

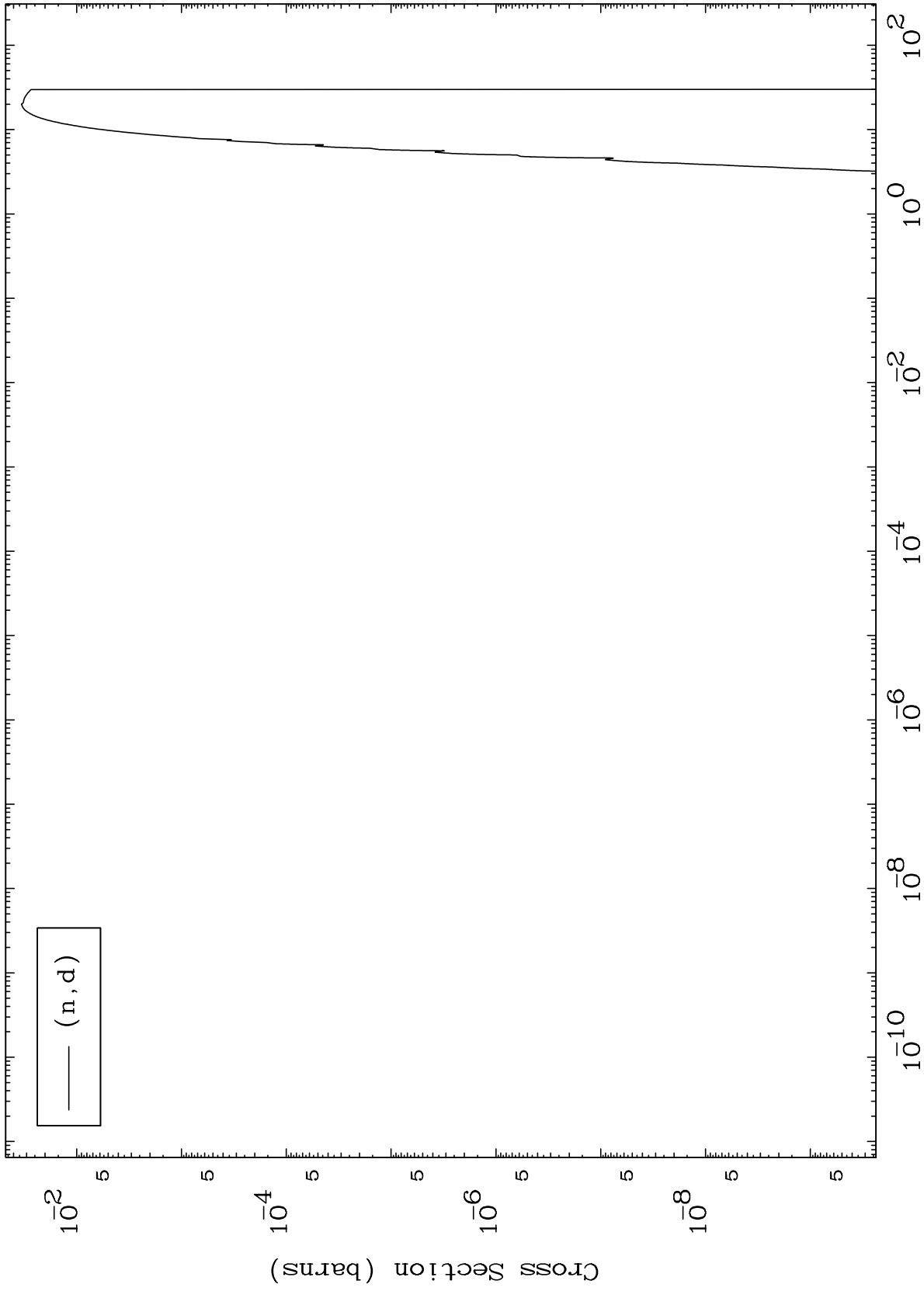
Incident Energy (MeV)

62-Sm-131

MAT 6186

(n,d) Levels  
293 Kelvin Cross Sections

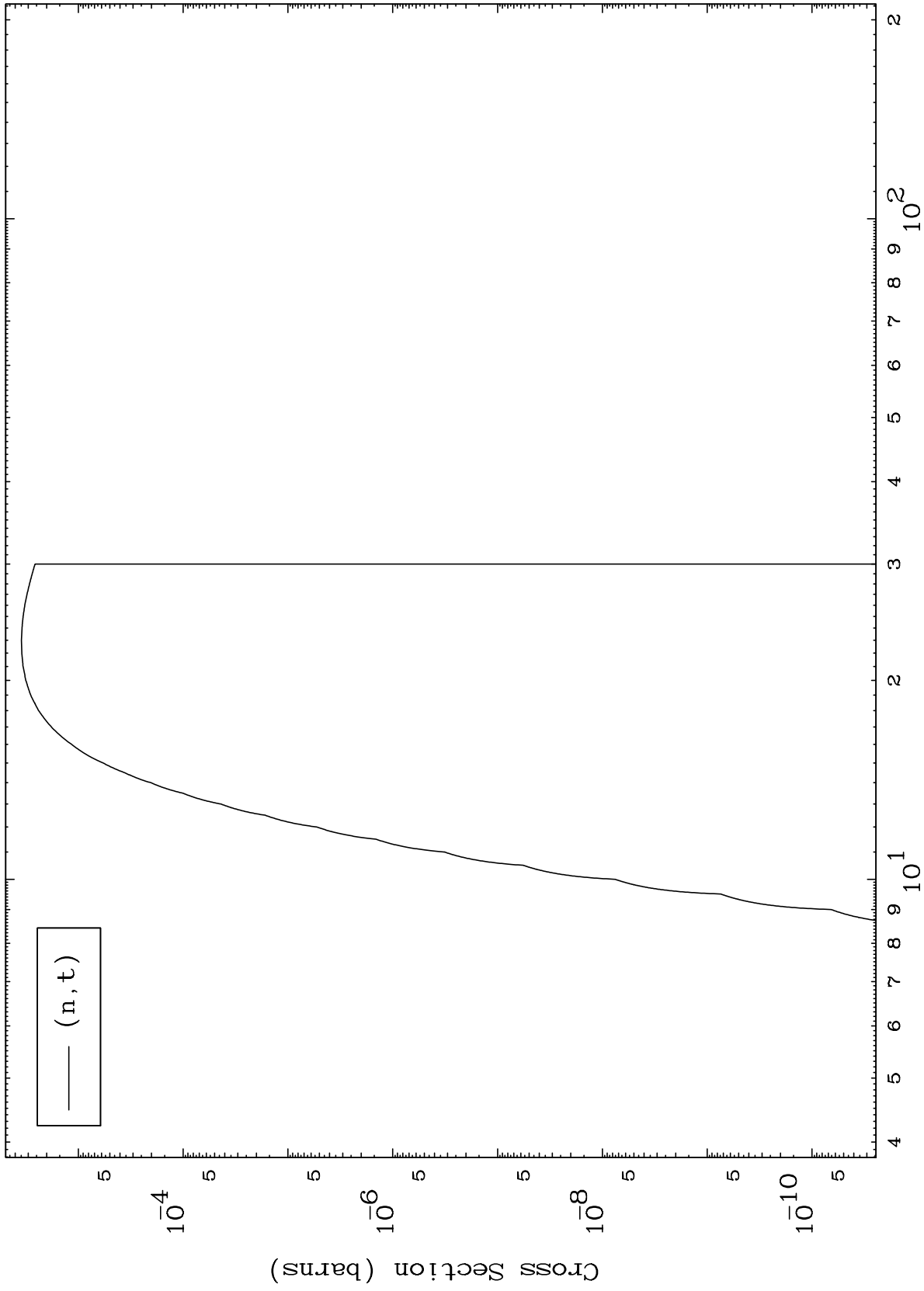
62-Sm-131



MAT 6186

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-131



12

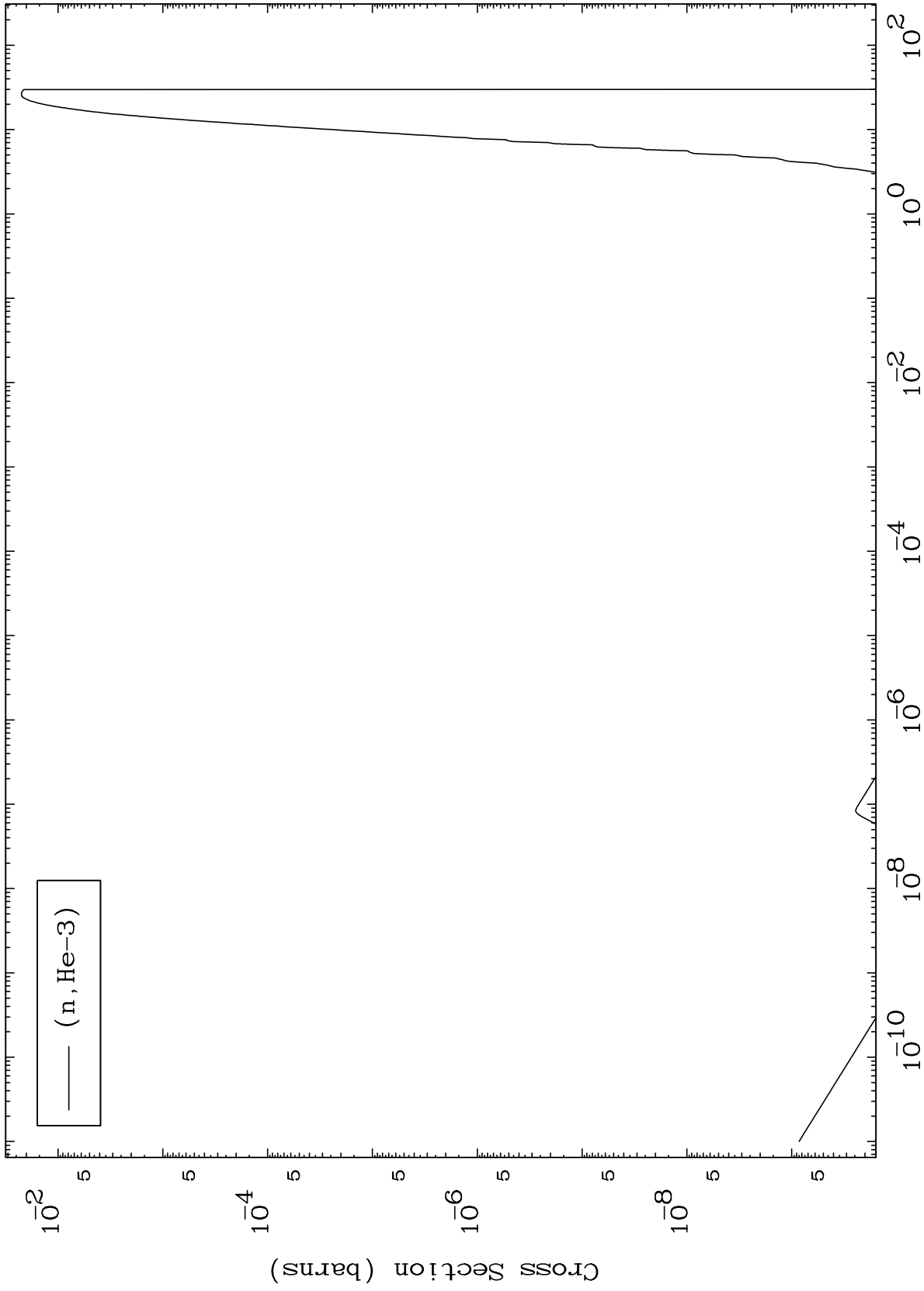
Incident Energy (MeV)

62-Sm-131

MAT 6186

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-131



13

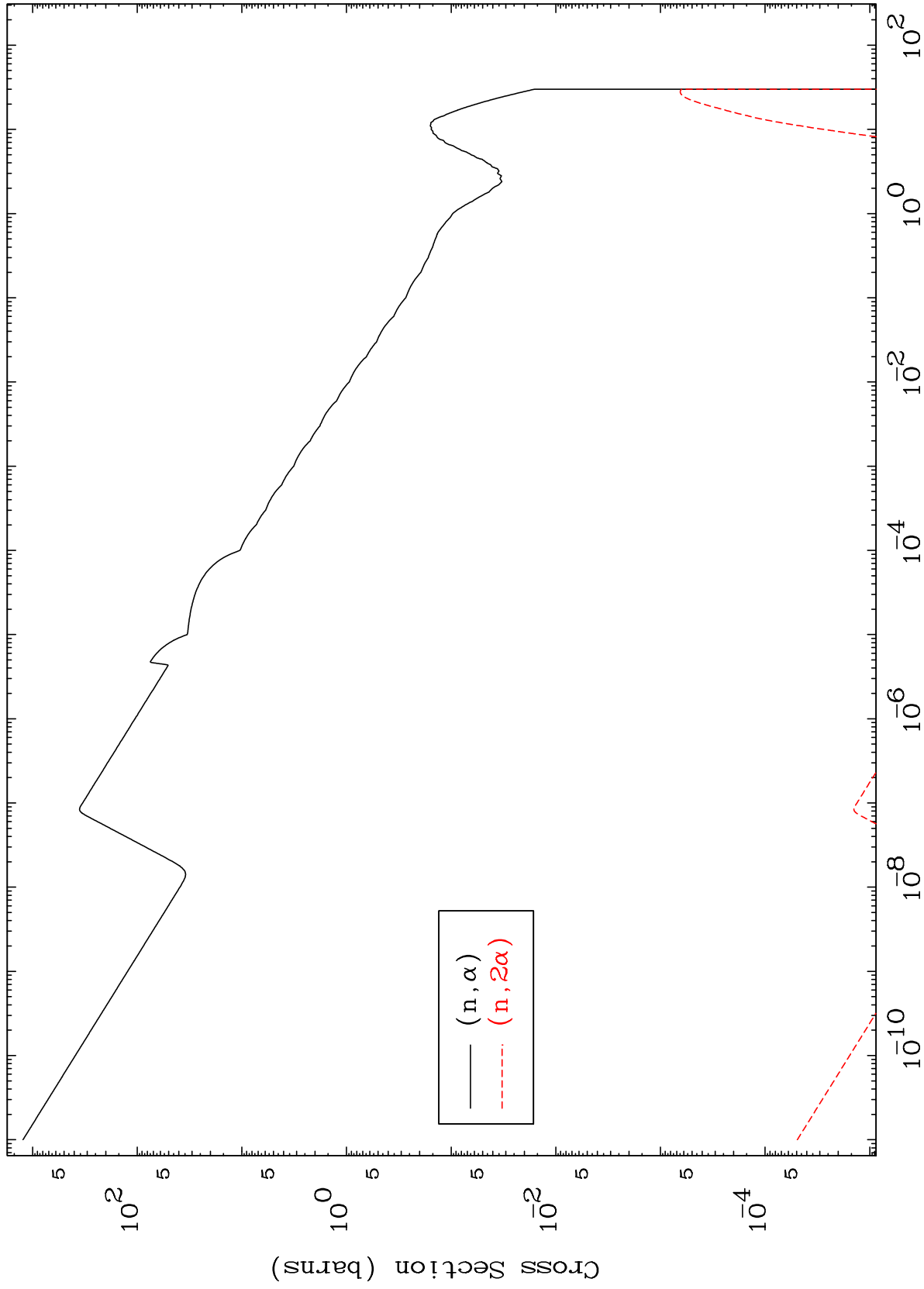
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



14

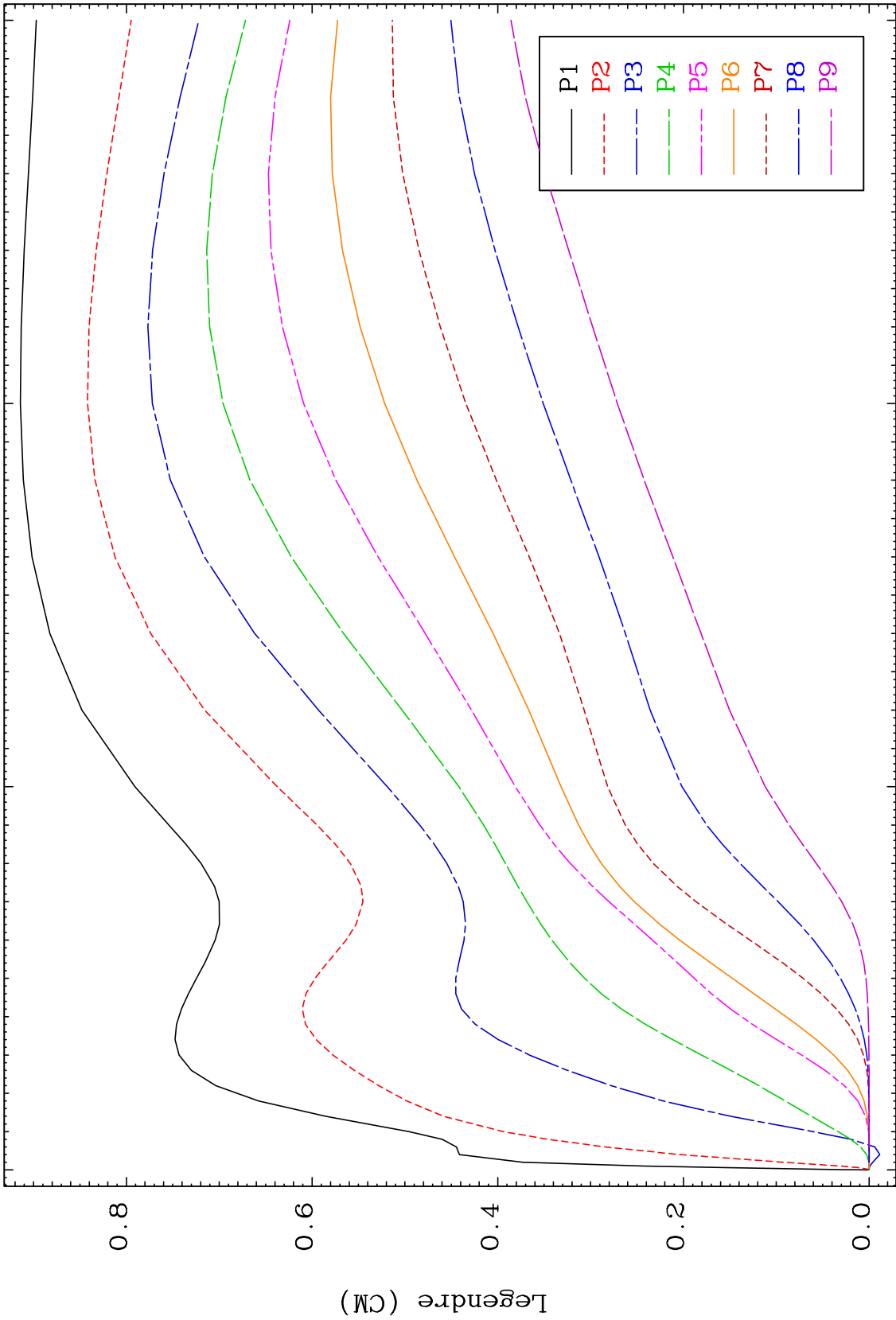
Incident Energy (MeV)

62-Sm-131

MAT 6186

Elastic Legendre Coefficients

62-Sm-131



15

Incident Energy (MeV)

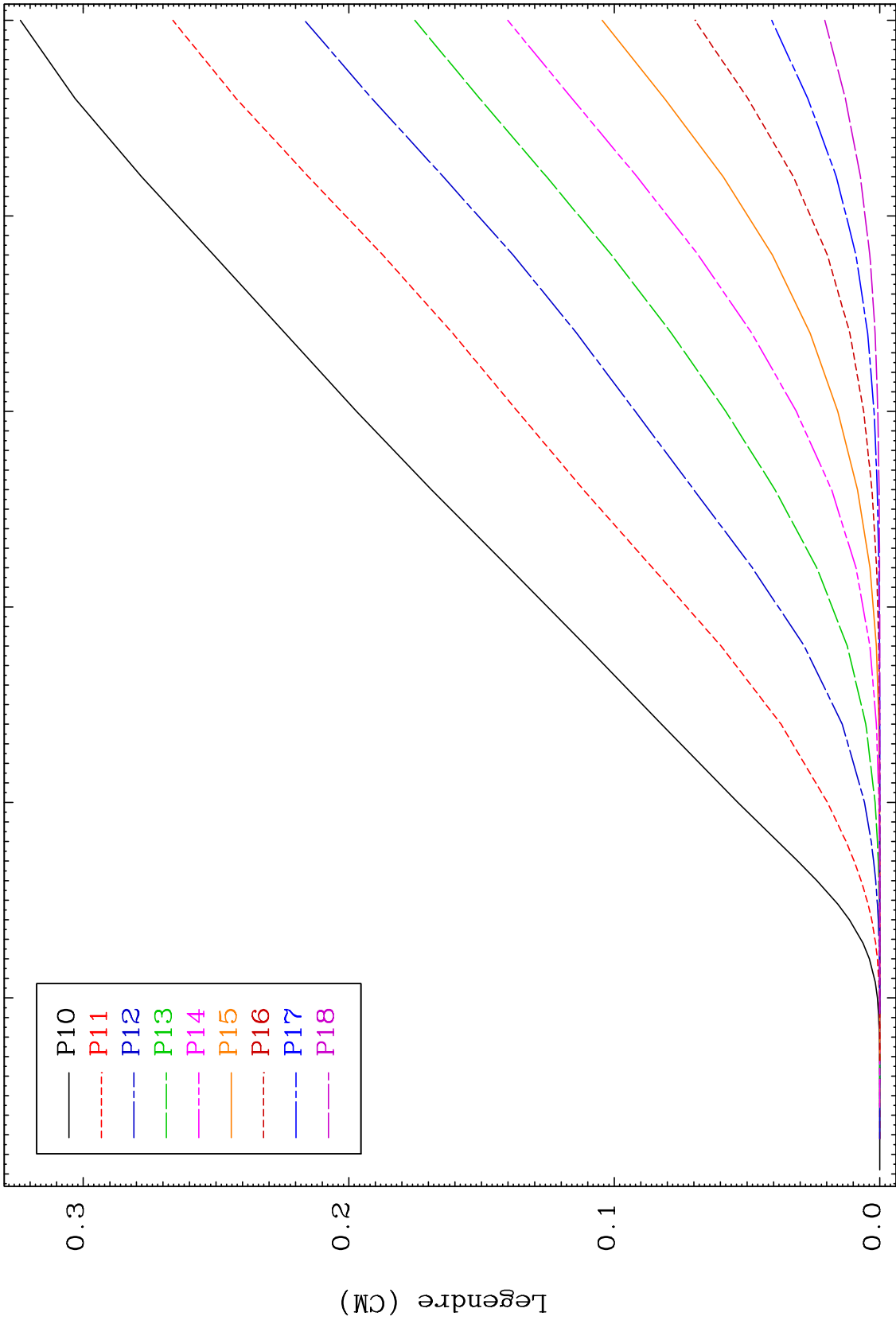
62-Sm-131



MAT 6186

Elastic Legendre Coefficients

62-Sm-131



16

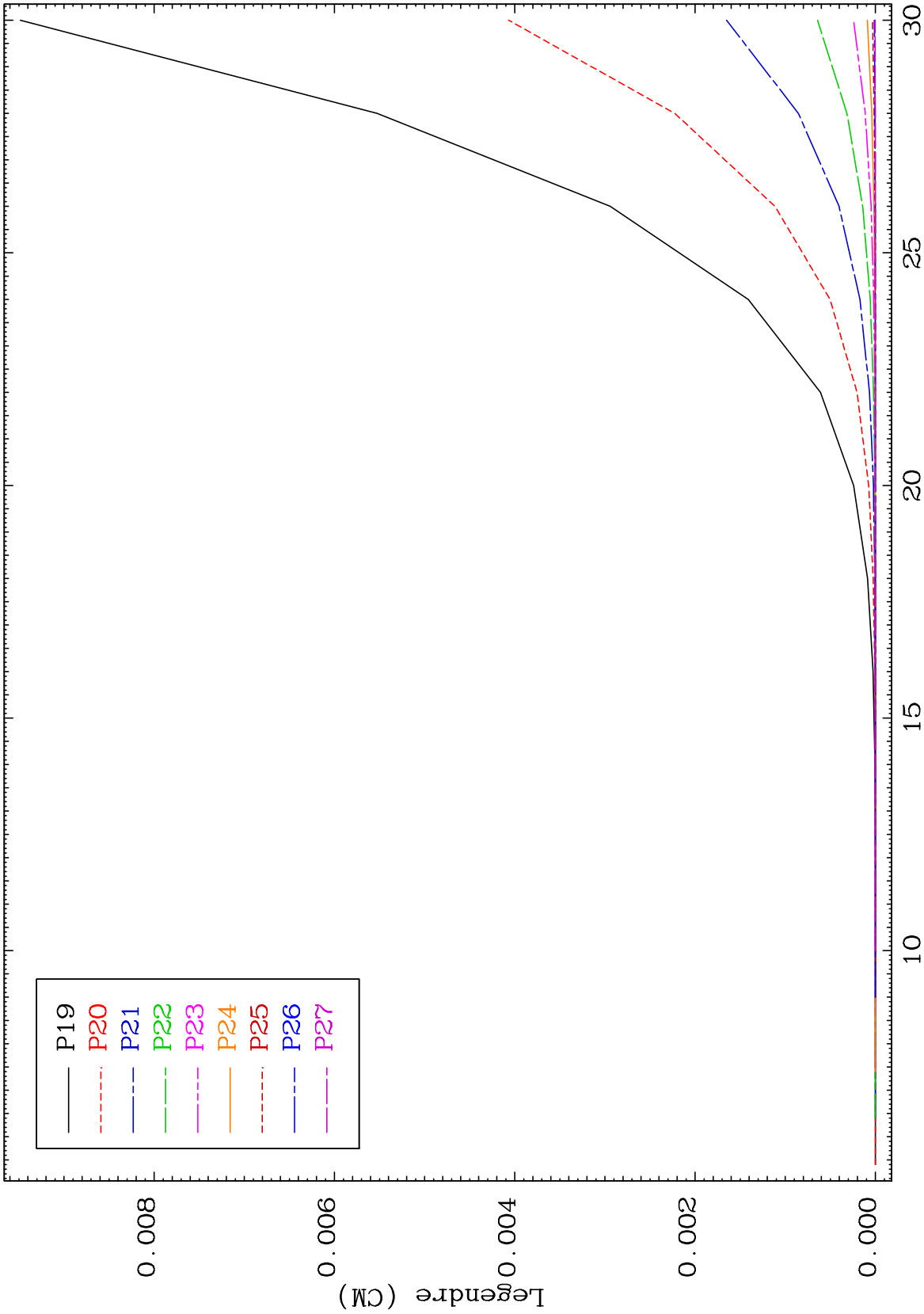
Incident Energy (MeV)

62-Sm-131

MAT 6186

### Elastic Legendre Coefficients

62-Sm-131



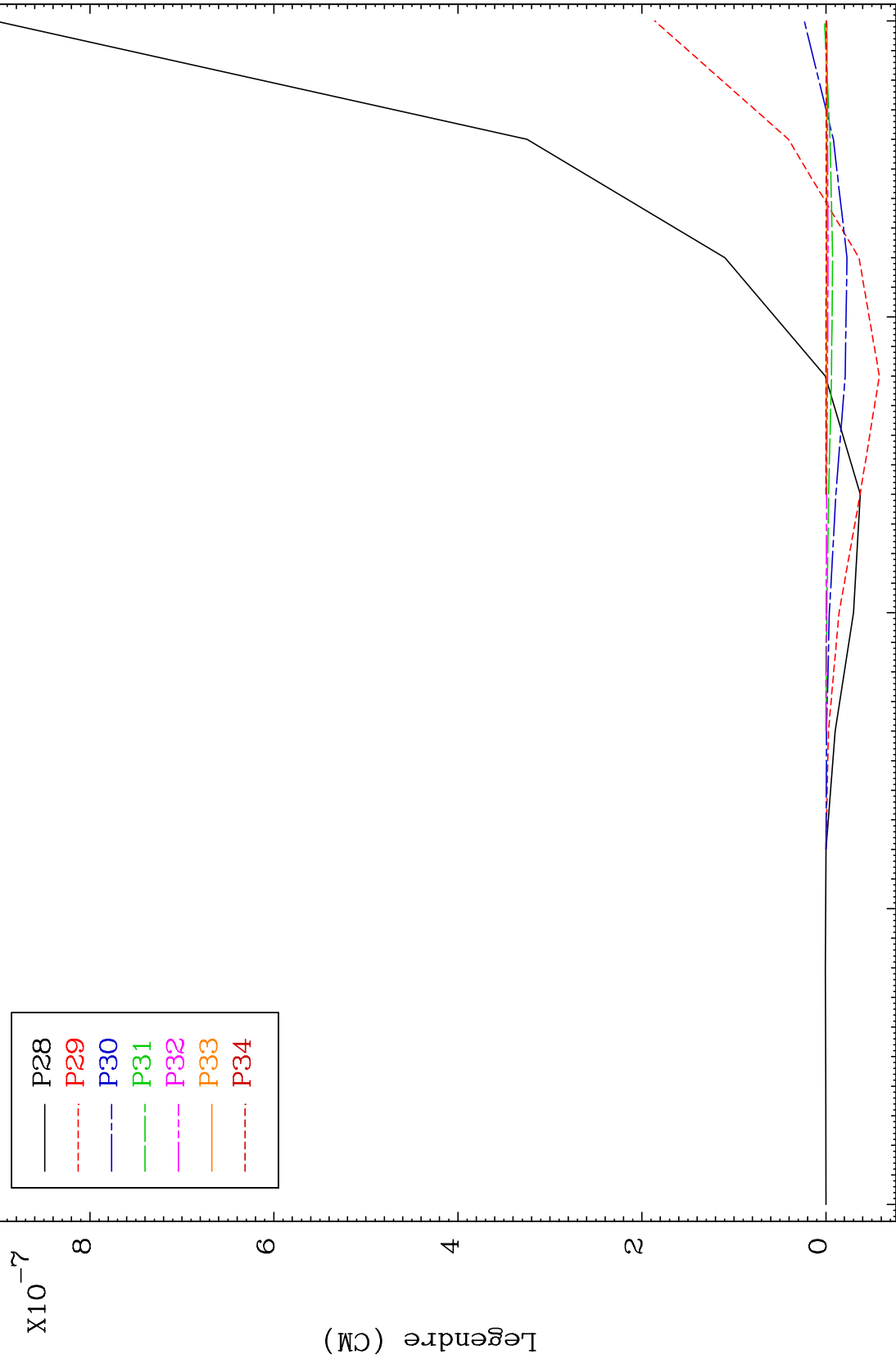
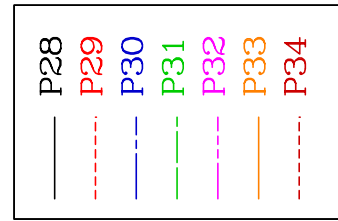
17

62-Sm-131

MAT 6186

Elastic Legendre Coefficients

62-Sm-131



18

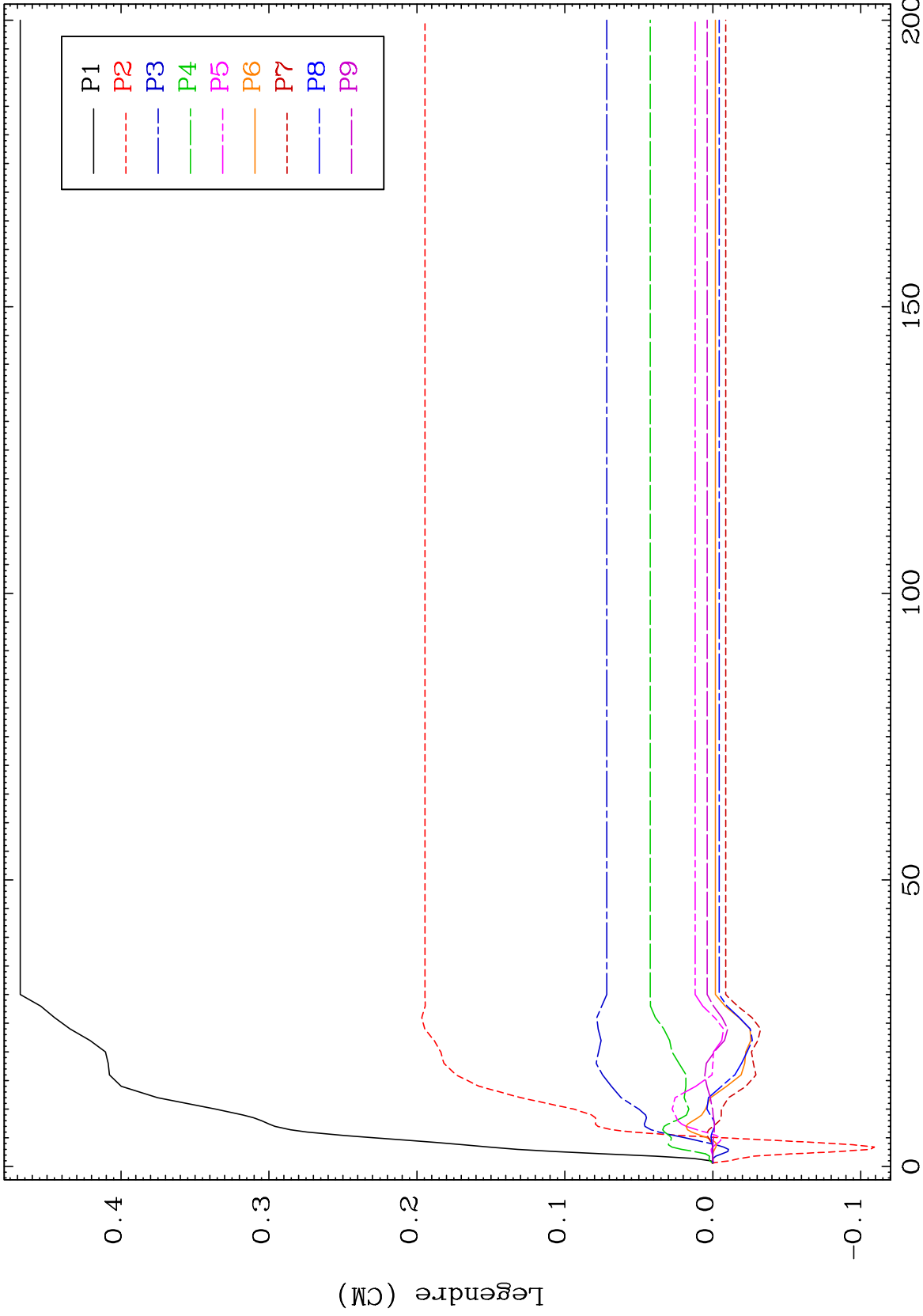
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



19

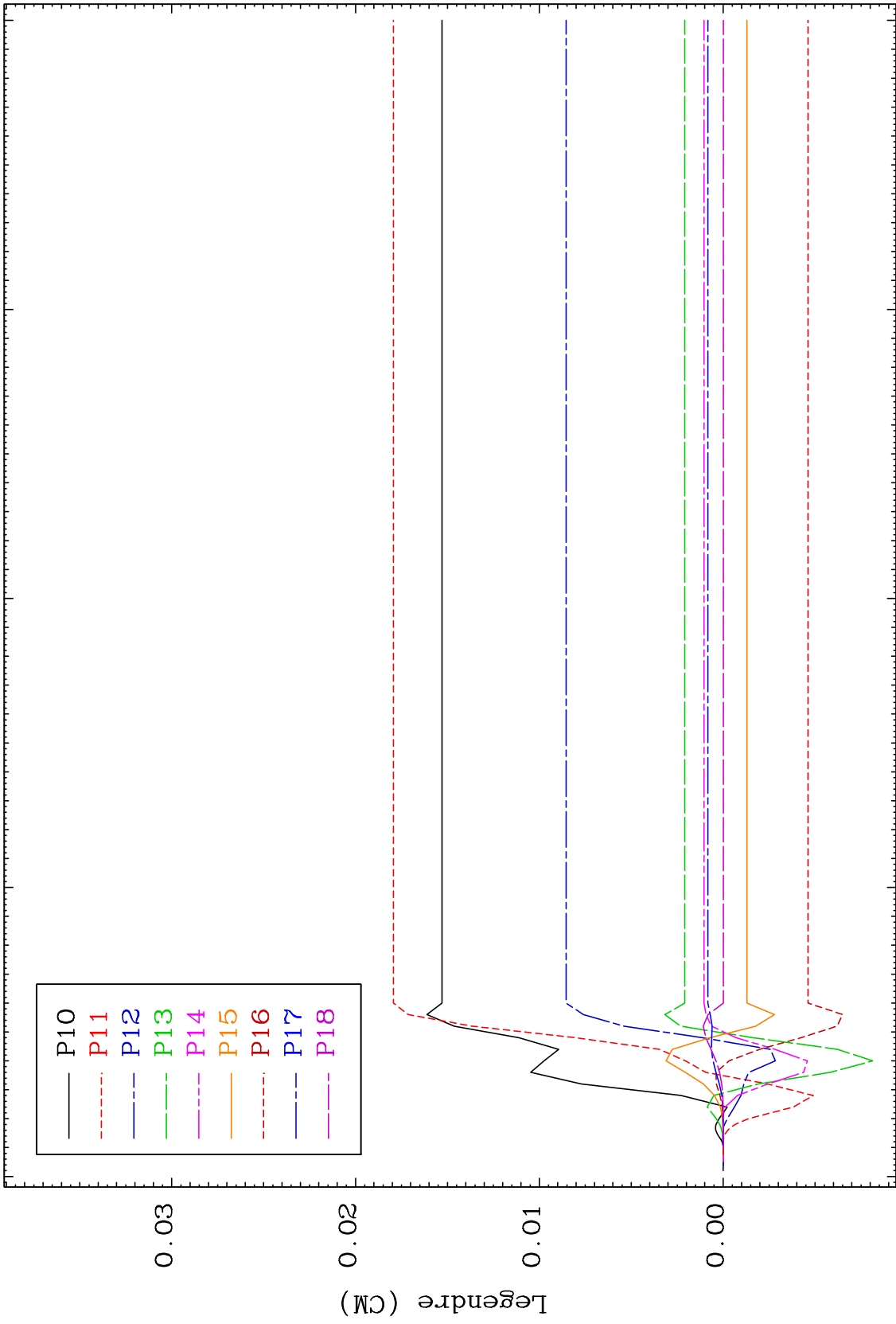
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



0

50

100

150

200

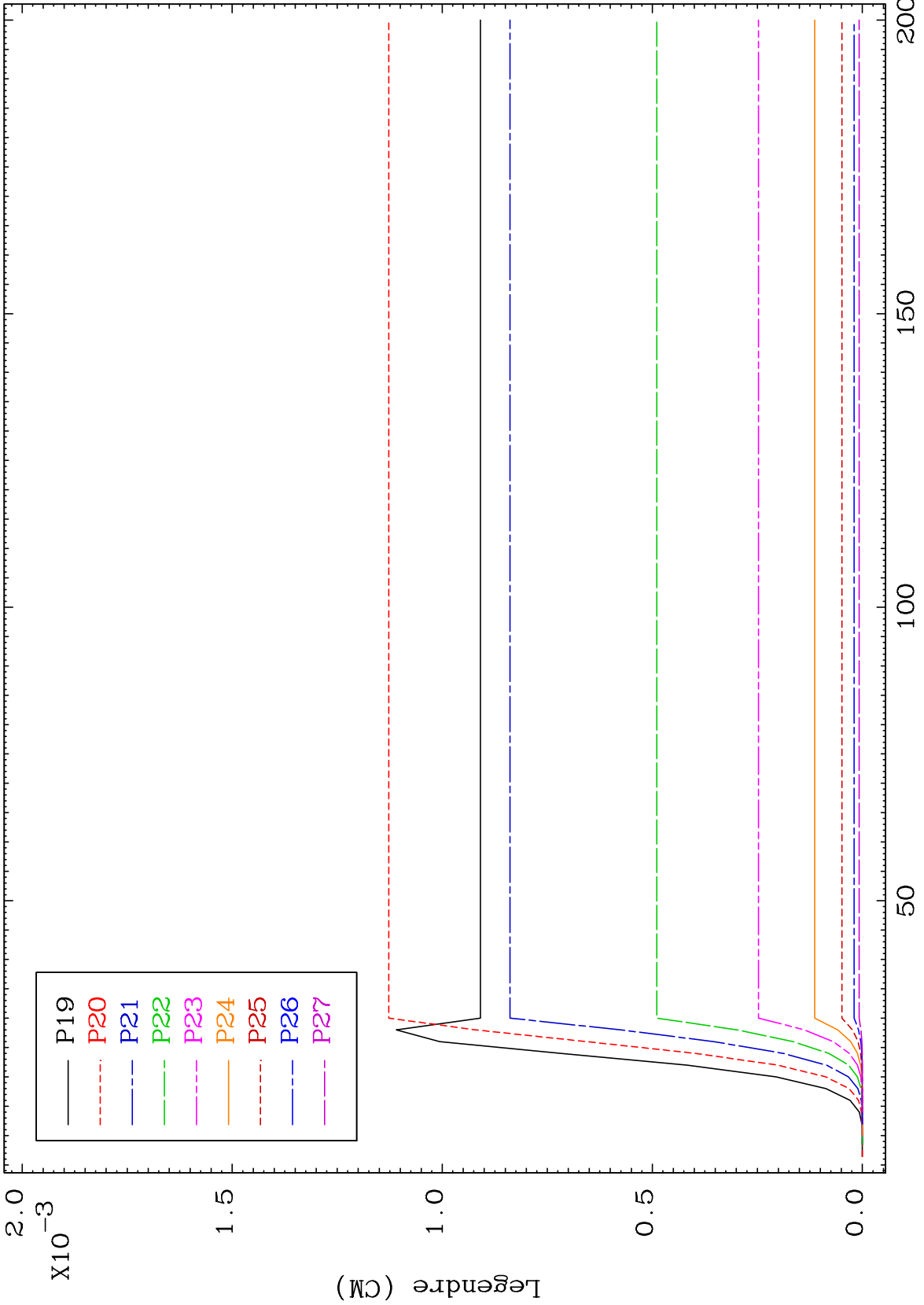
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



21

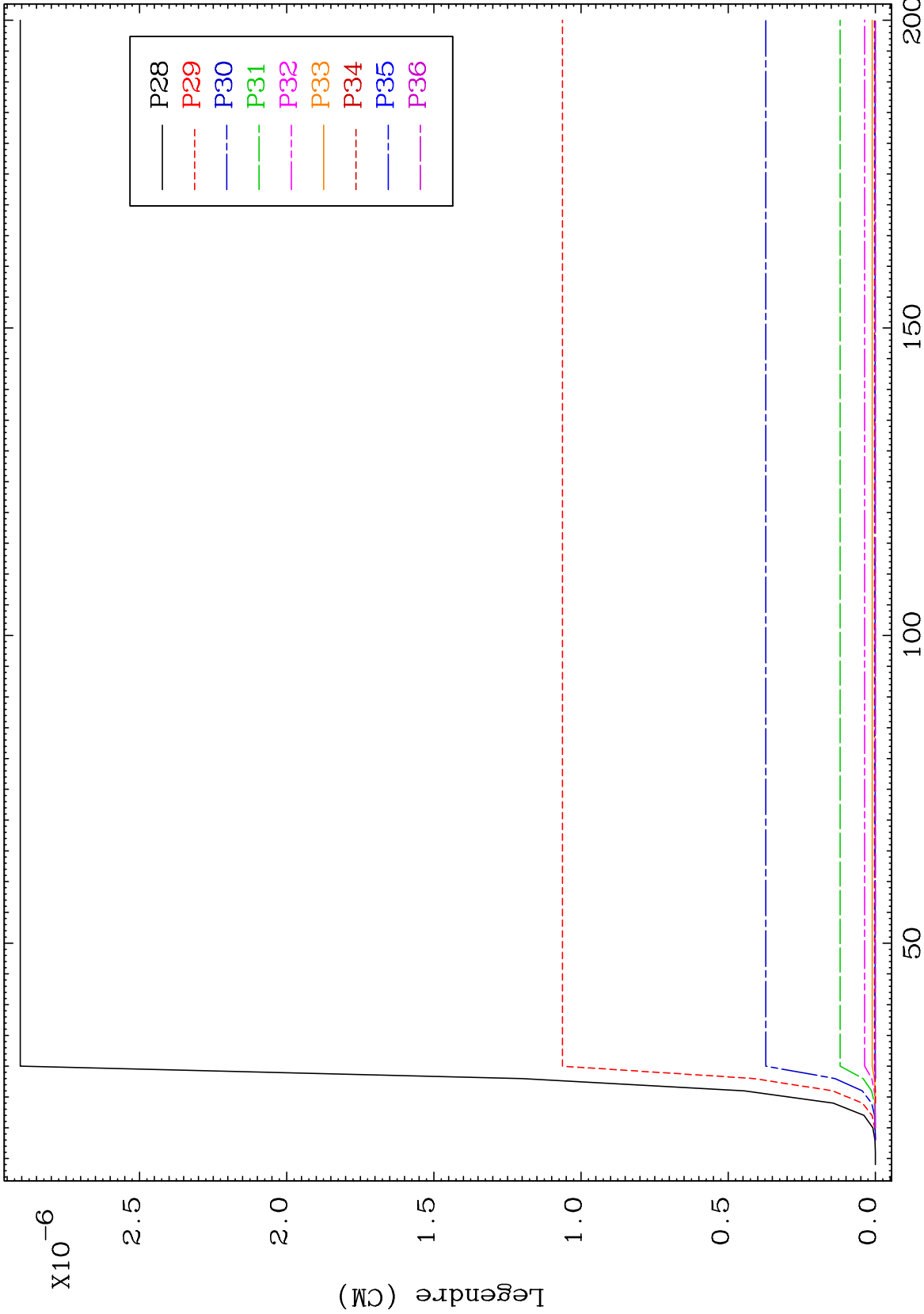
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



22

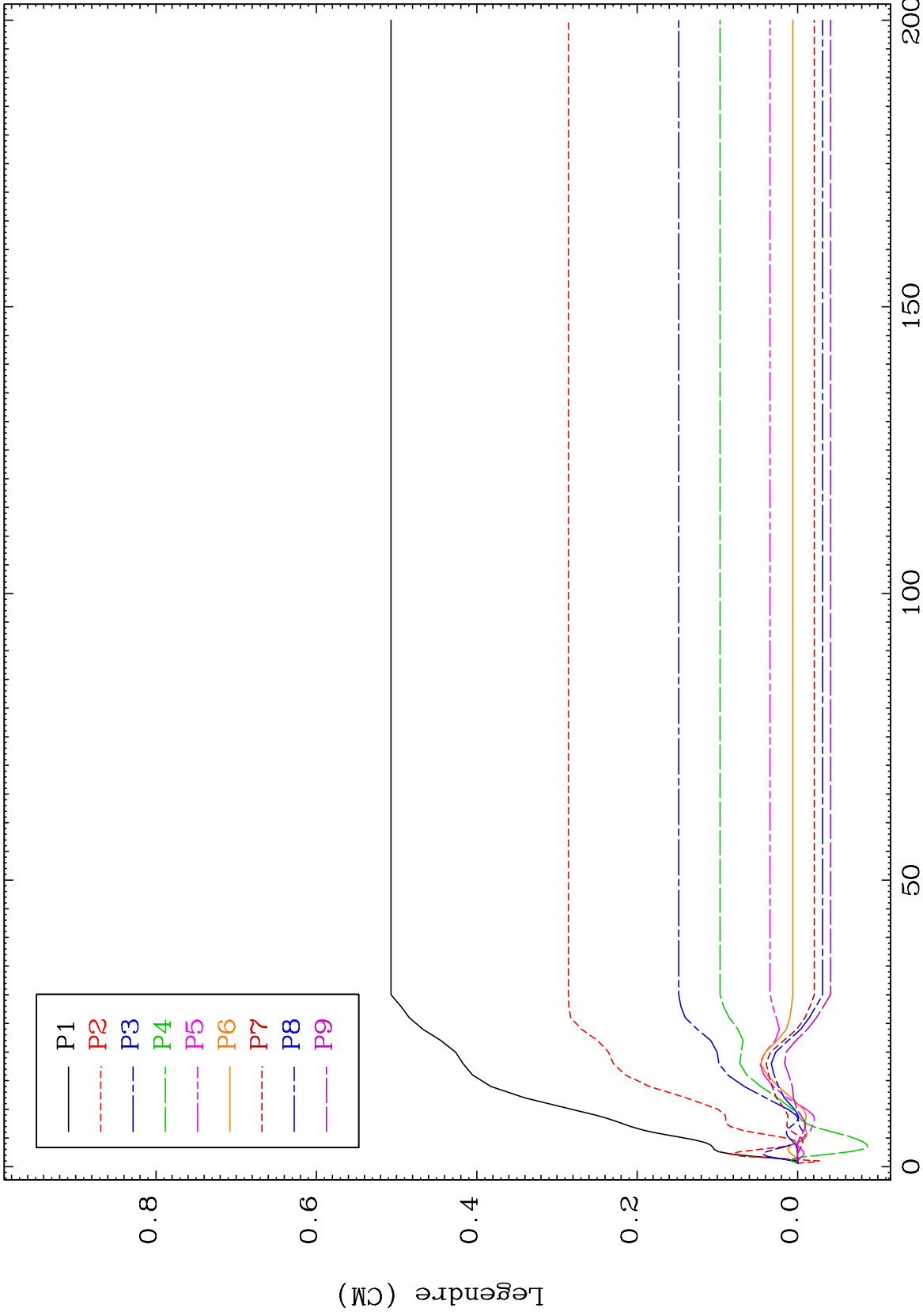
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



23

Incident Energy (MeV)

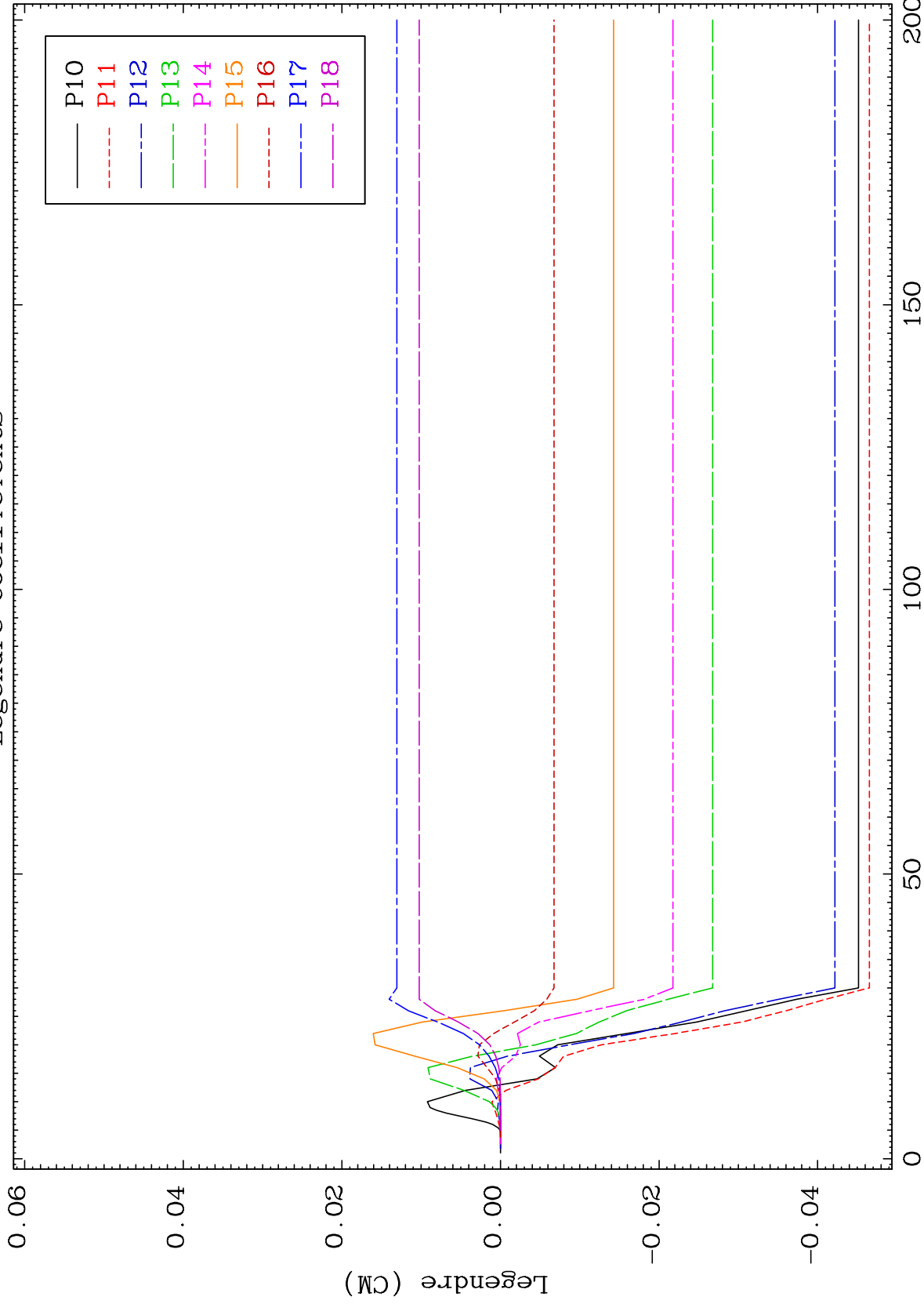
62-Sm-131



MAT 6186

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

62-Sm-131



24

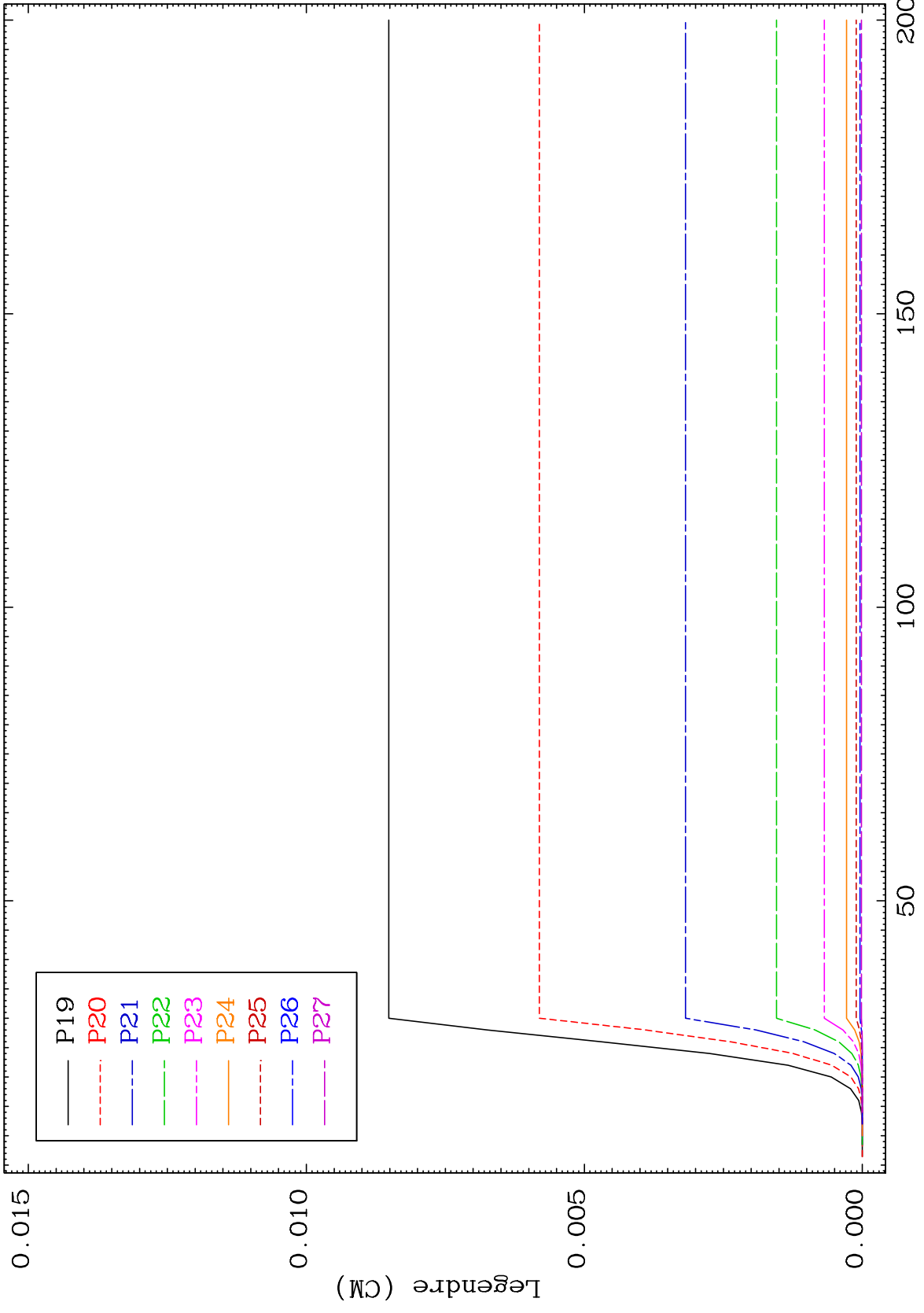
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



25

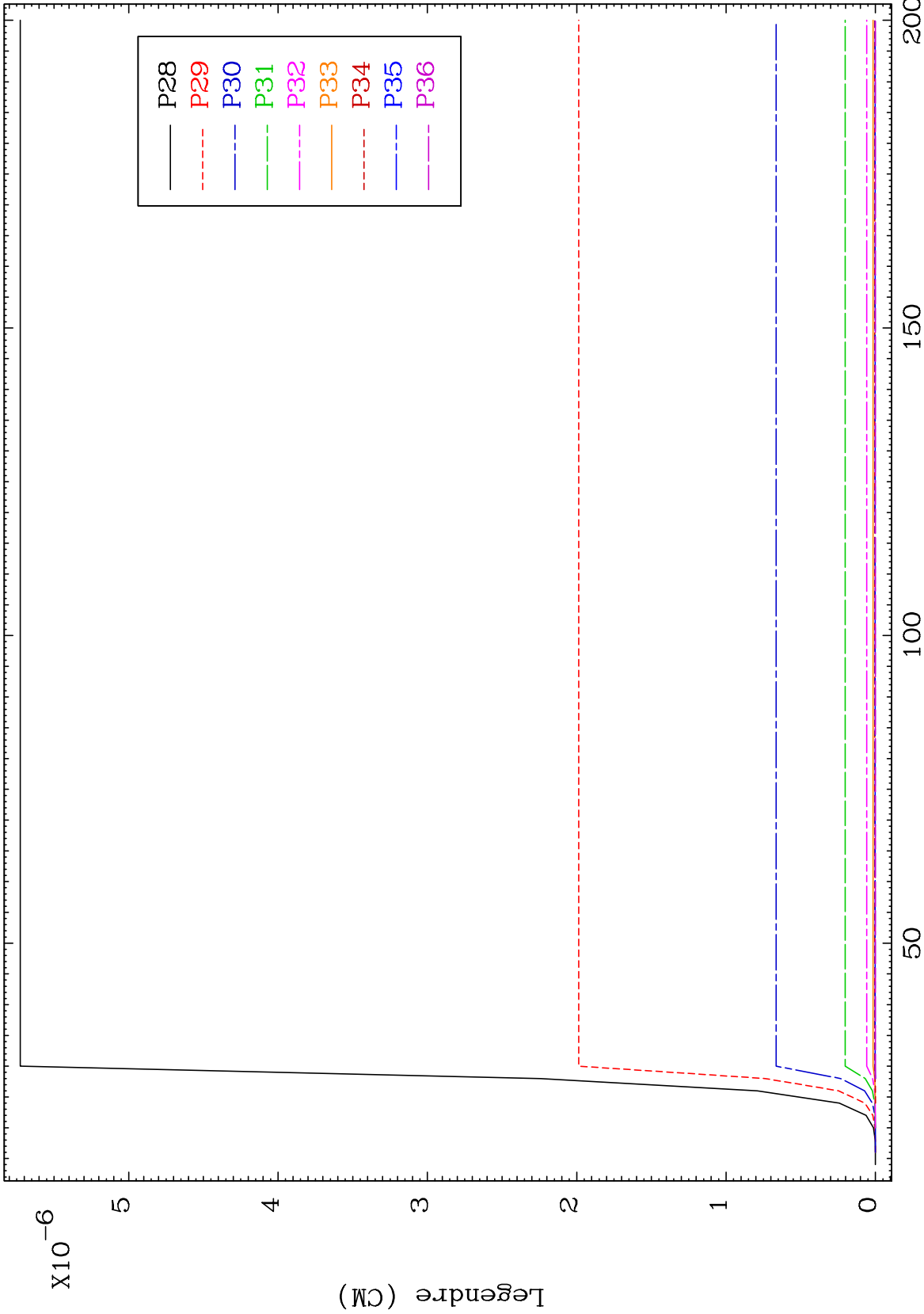
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



26

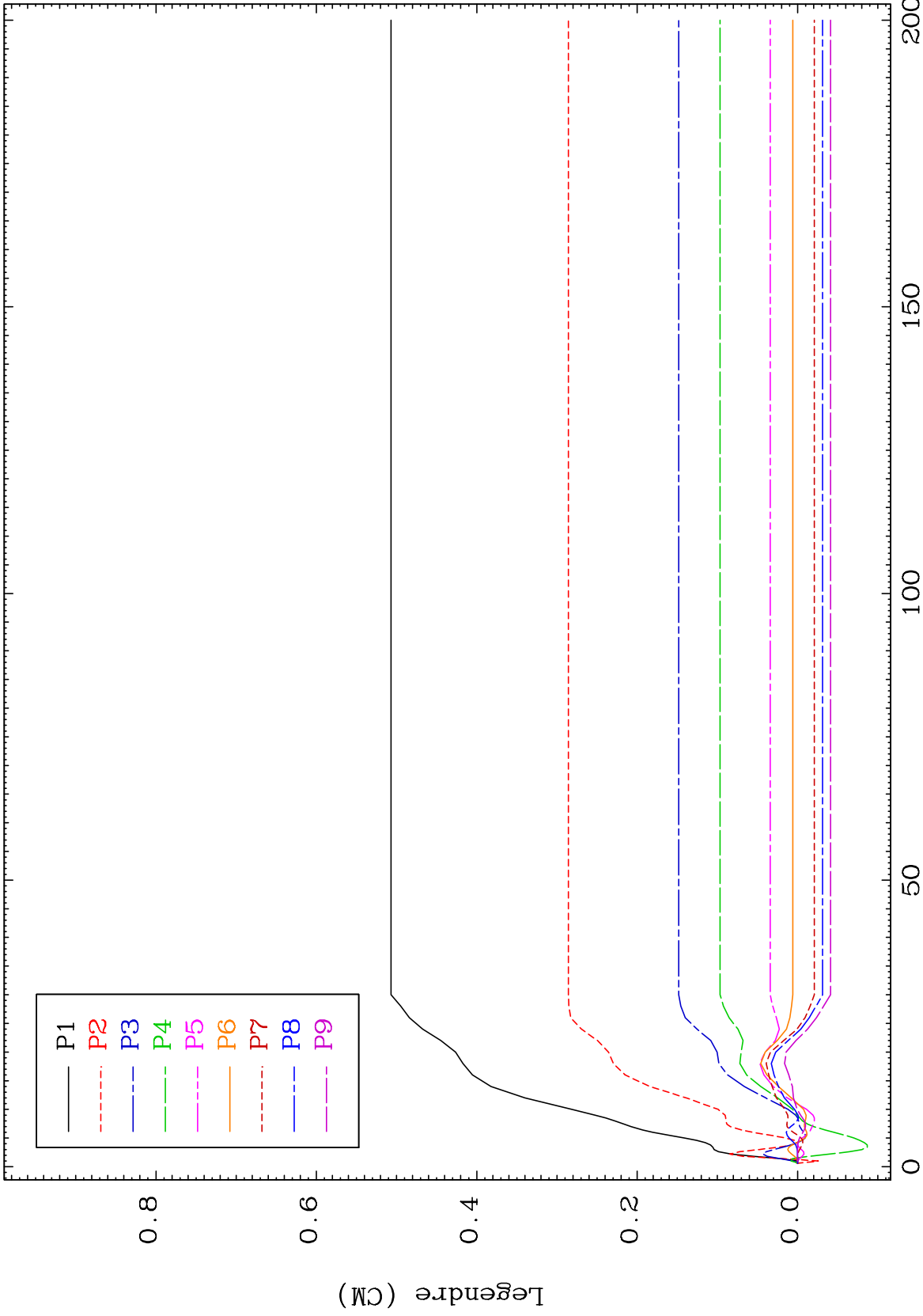
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



27

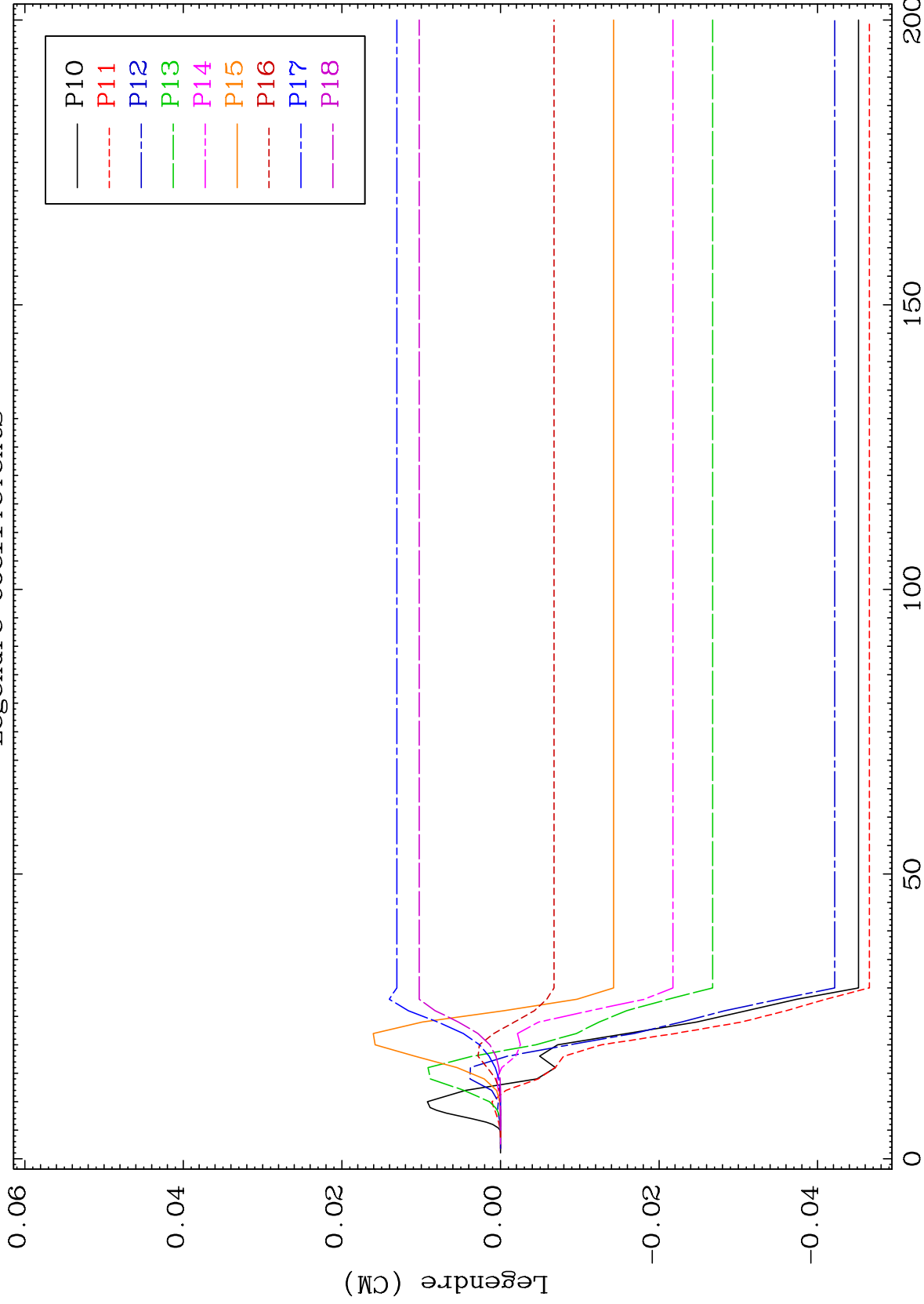
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



28

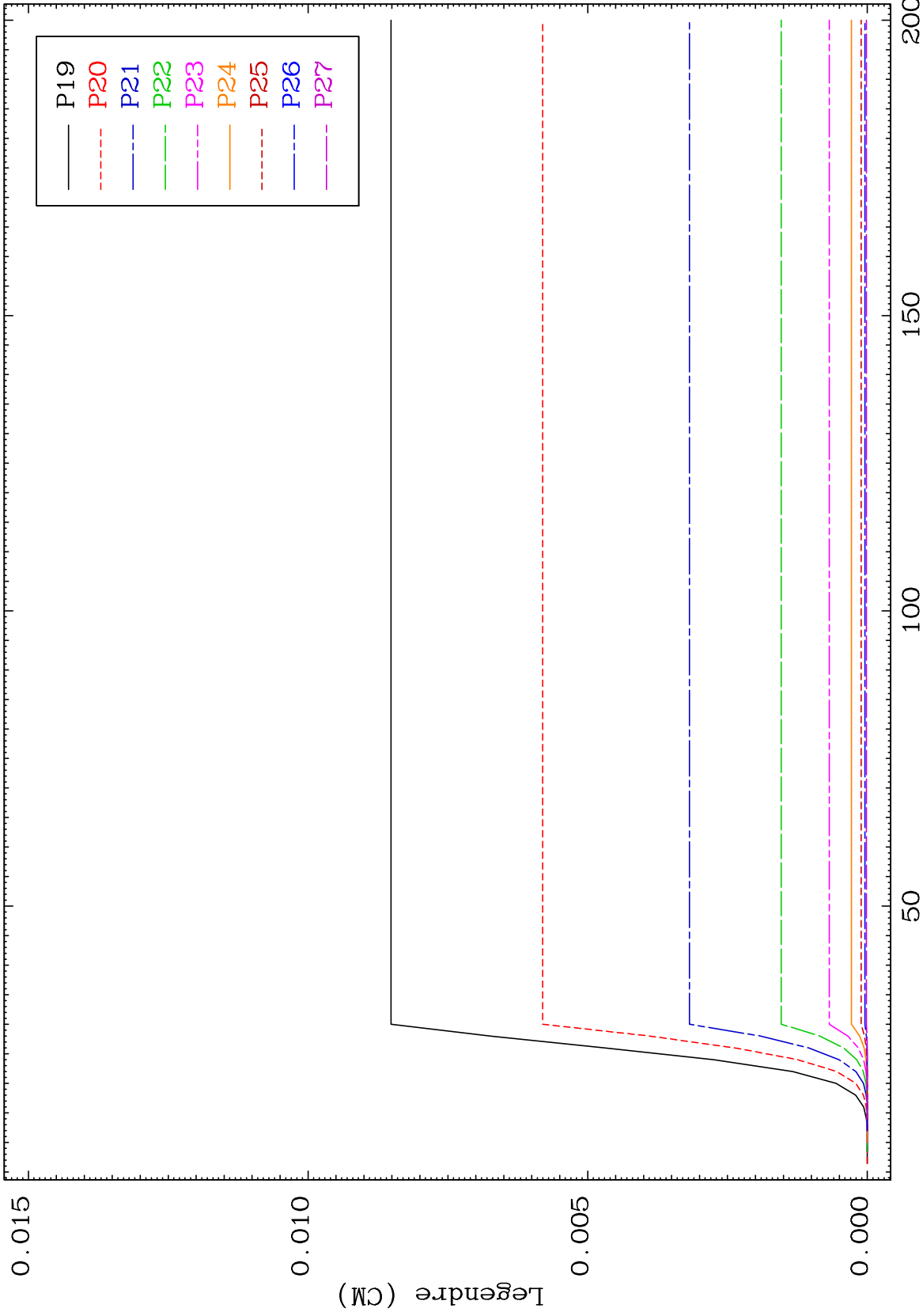
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



29

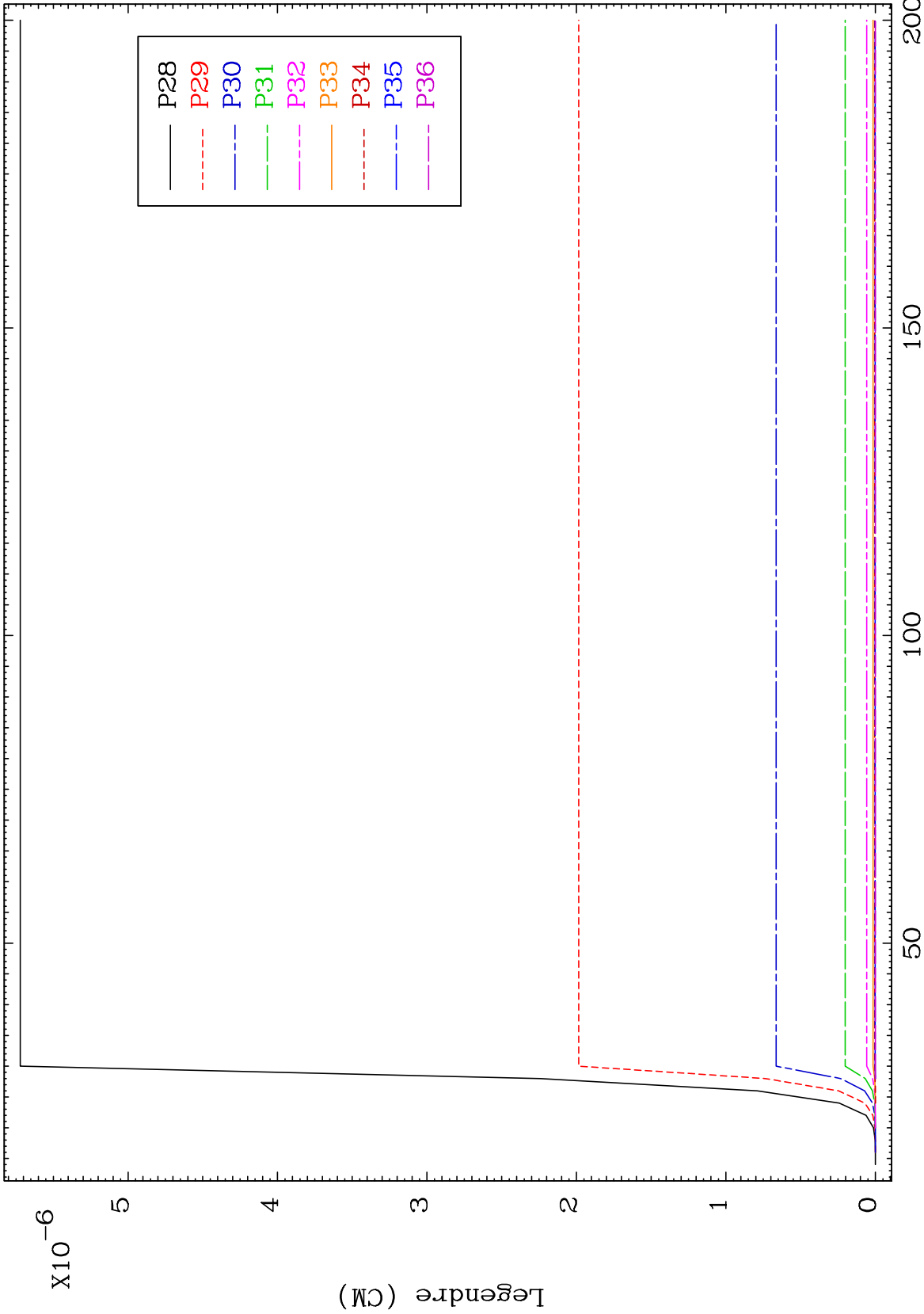
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



30

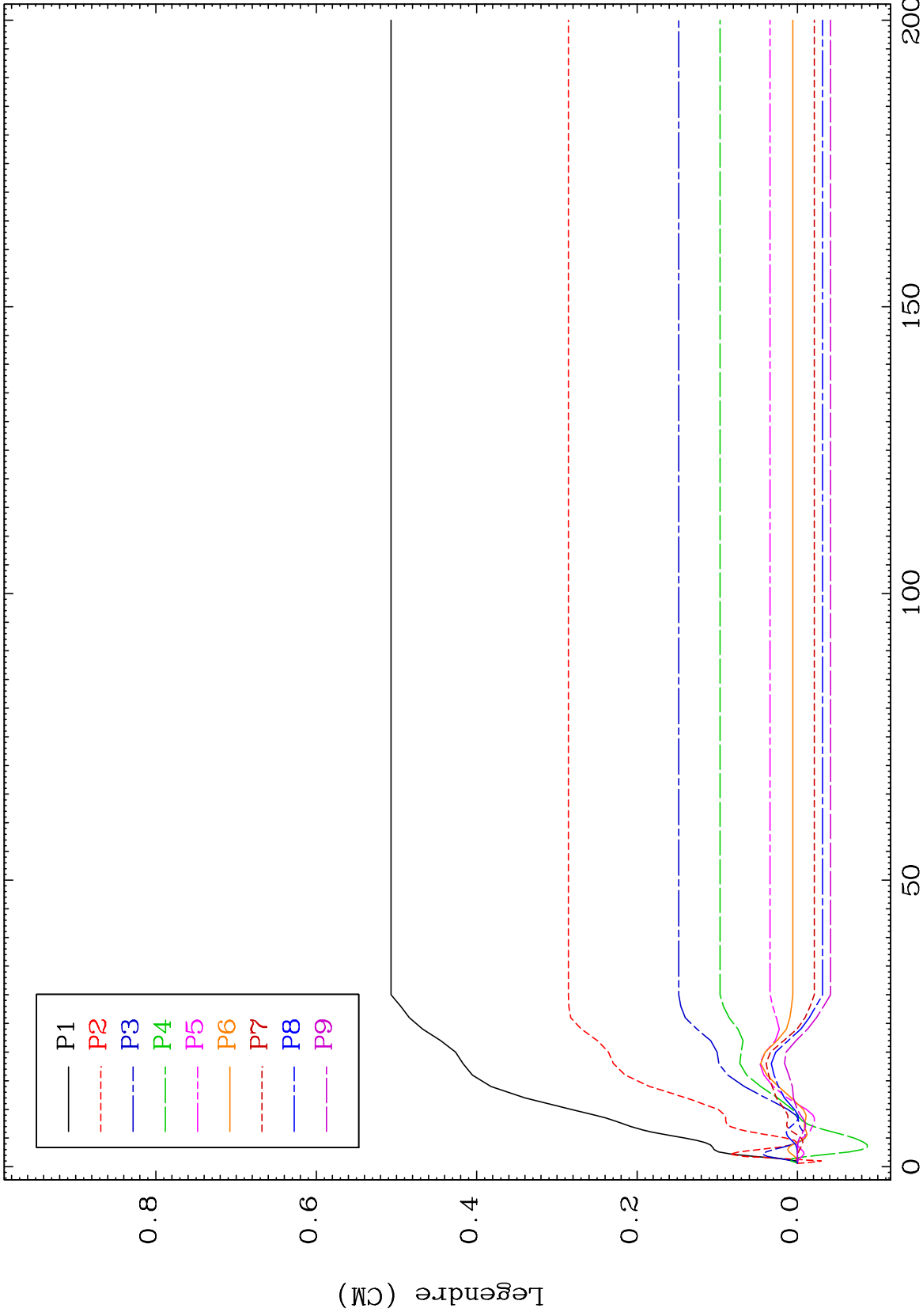
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



31

Incident Energy (MeV)

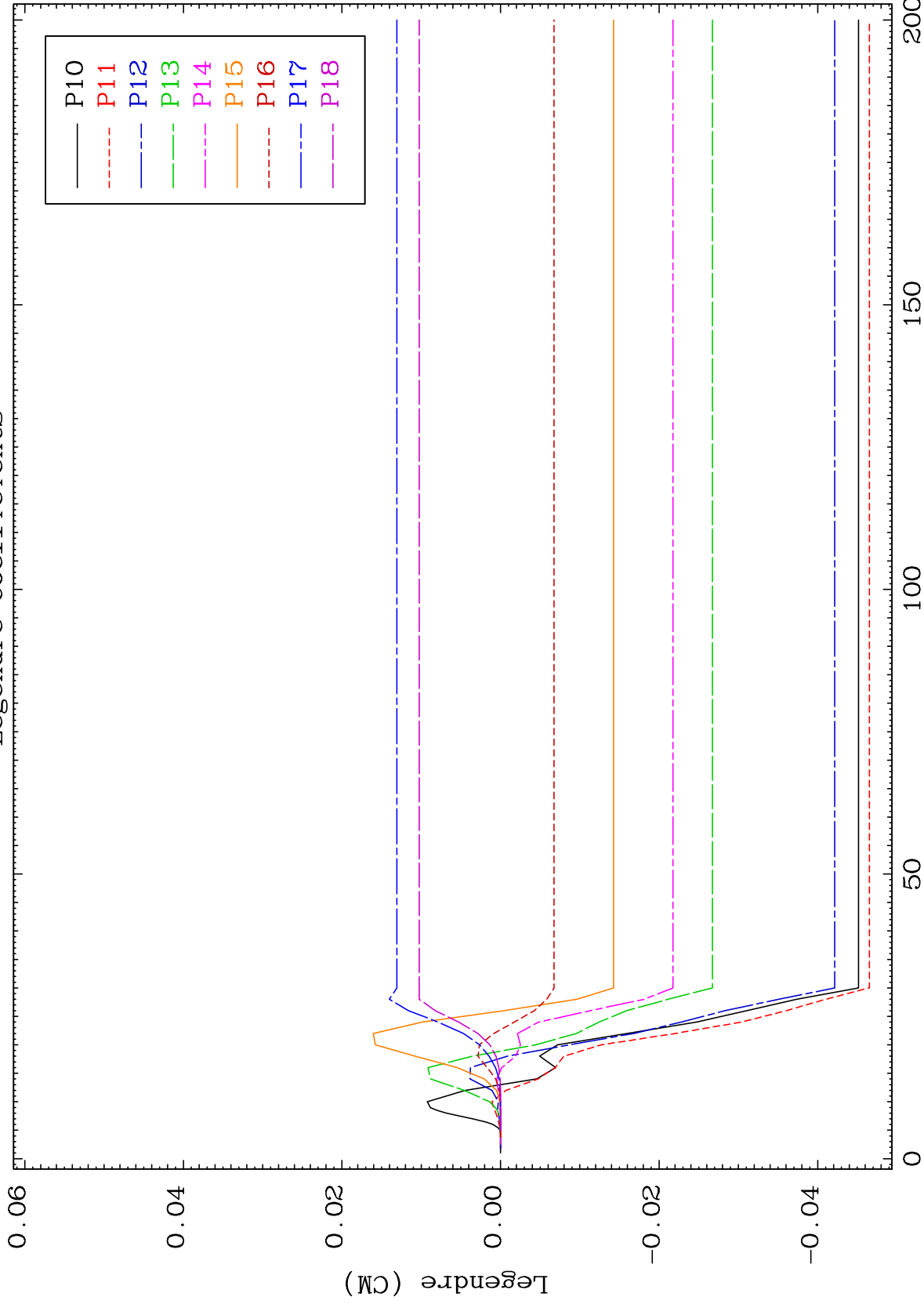
62-Sm-131



MAT 6186

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

62-Sm-131



32

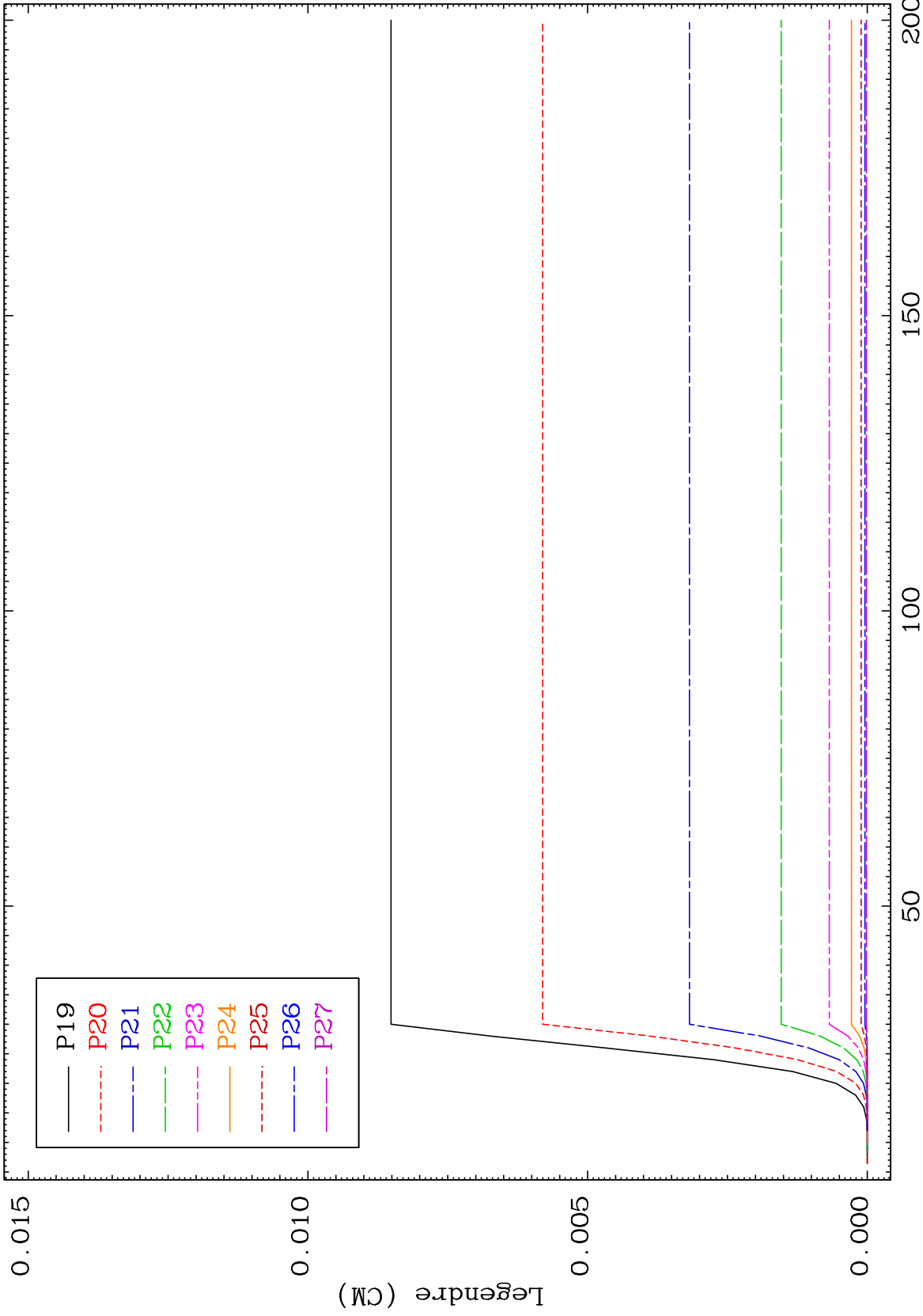
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

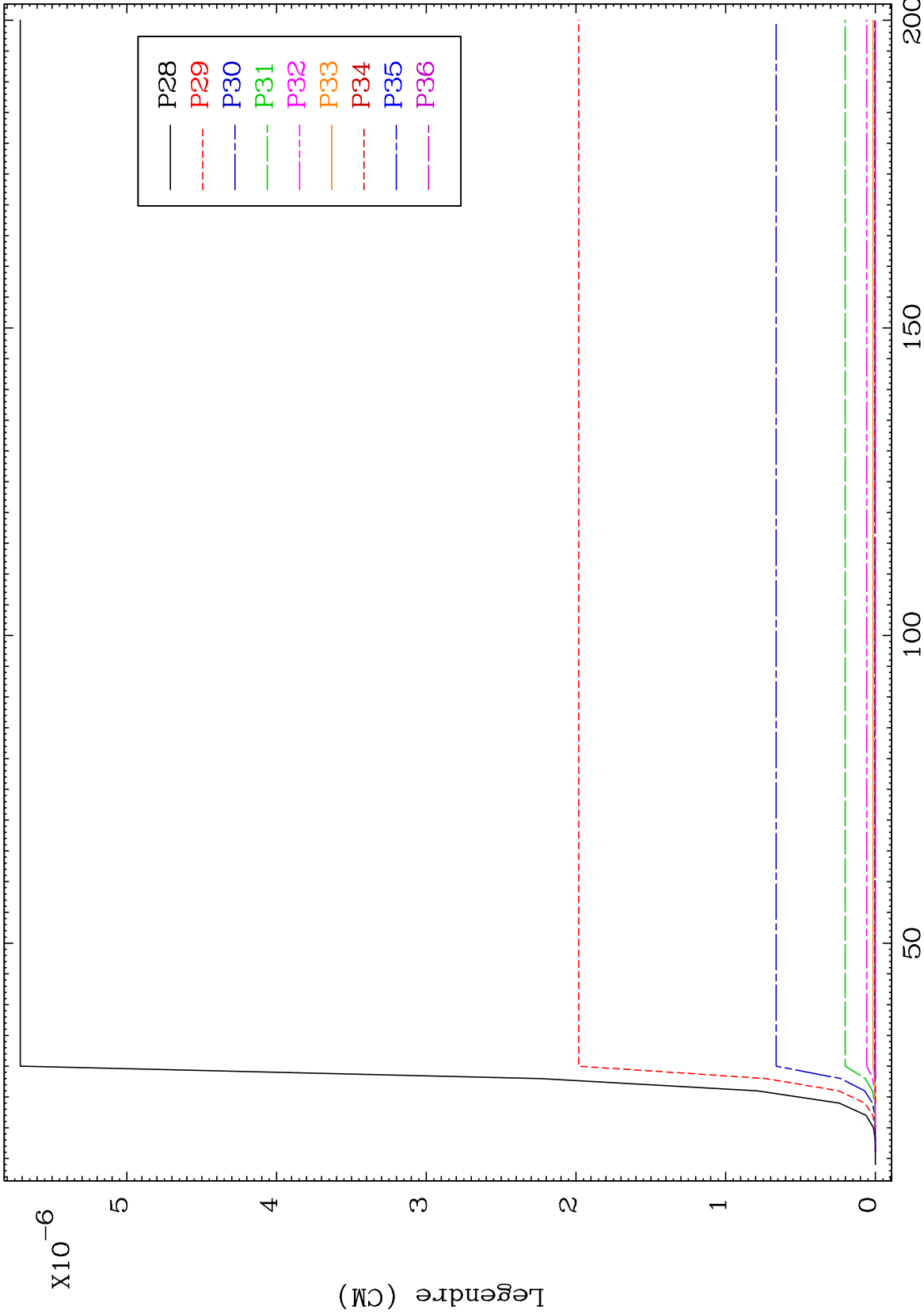
62-Sm-131



MAT 6186

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

62-Sm-131



34

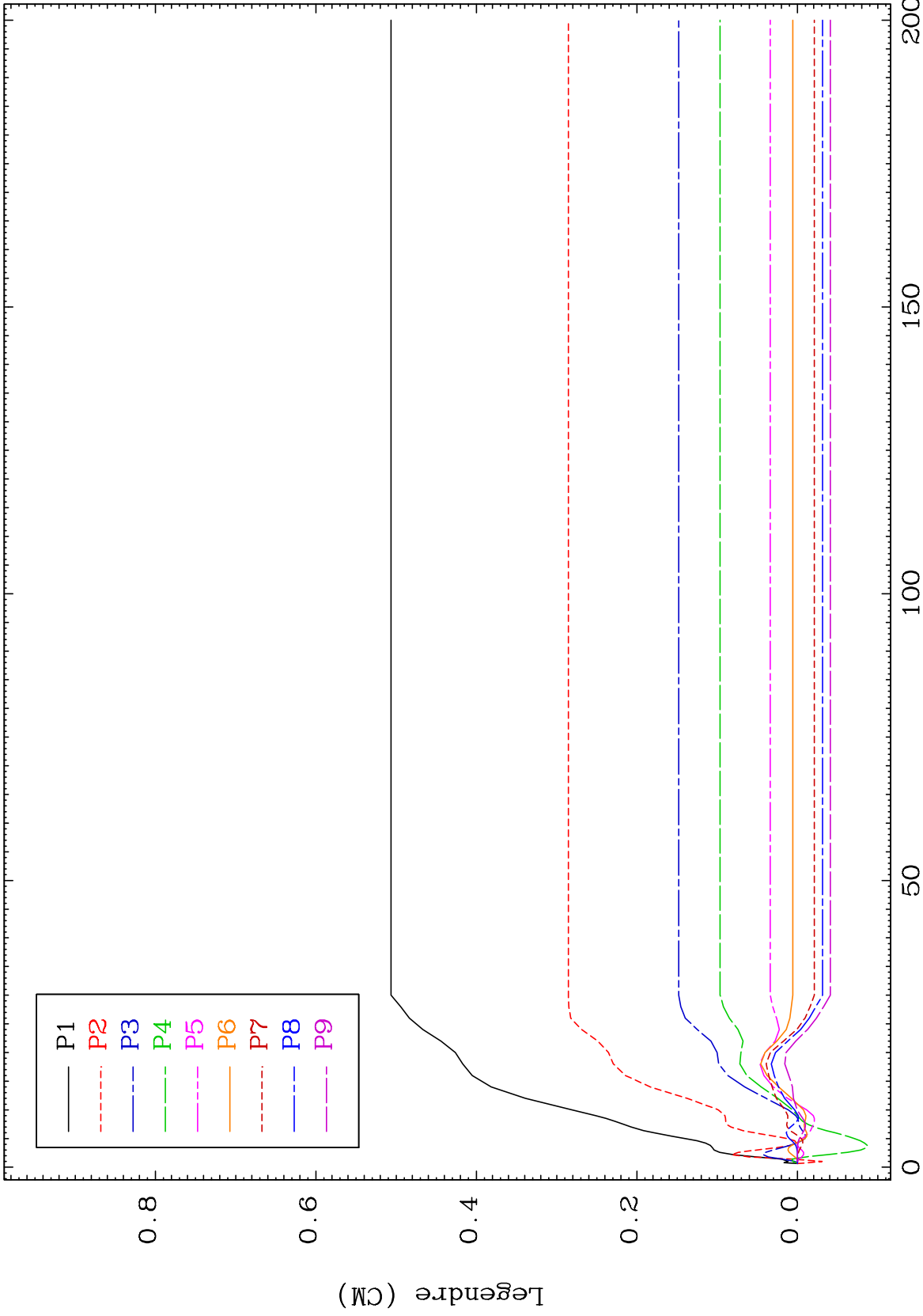
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



62-Sm-131

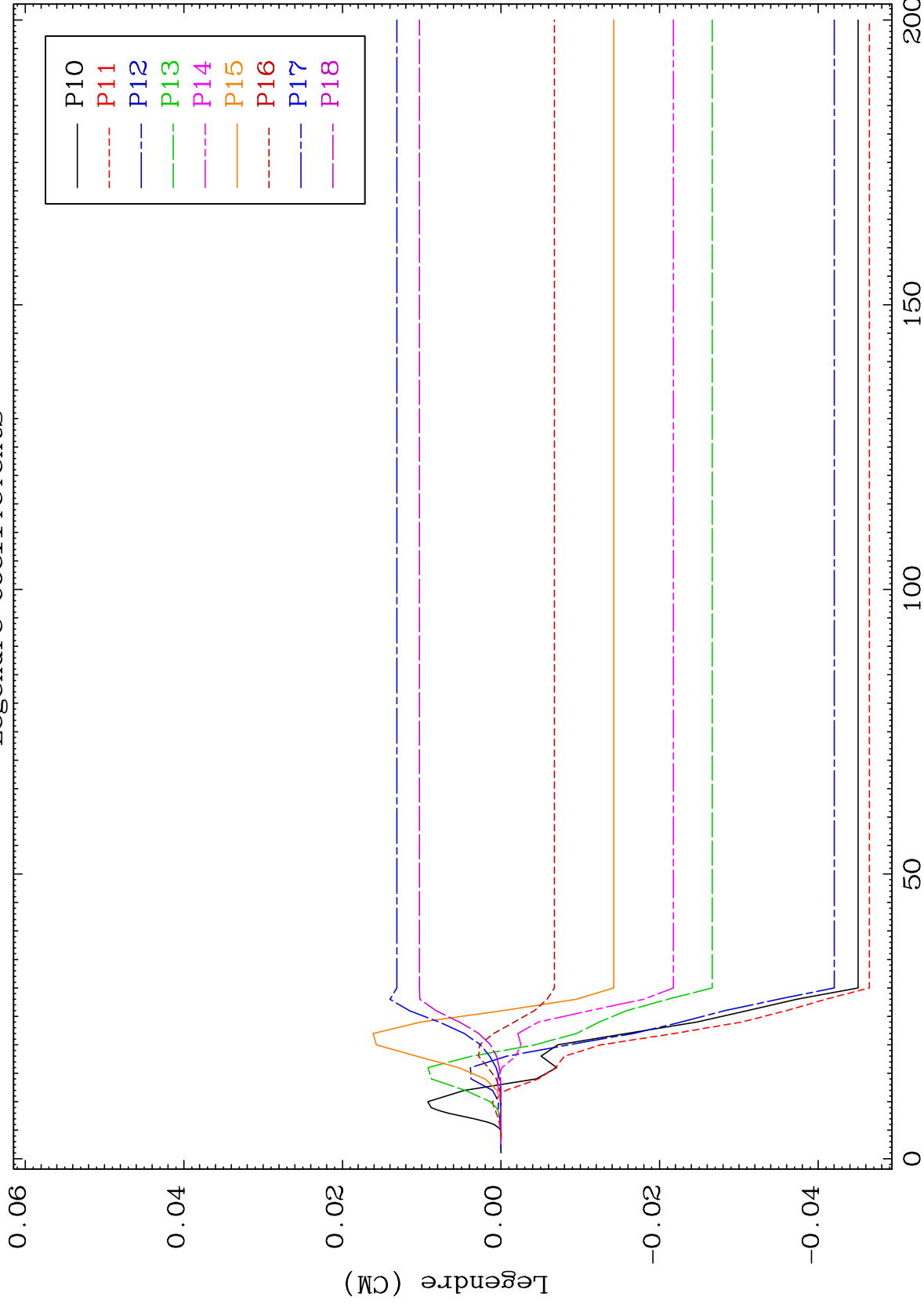
Incident Energy (MeV)

35

MAT 6186

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

62-Sm-131



36

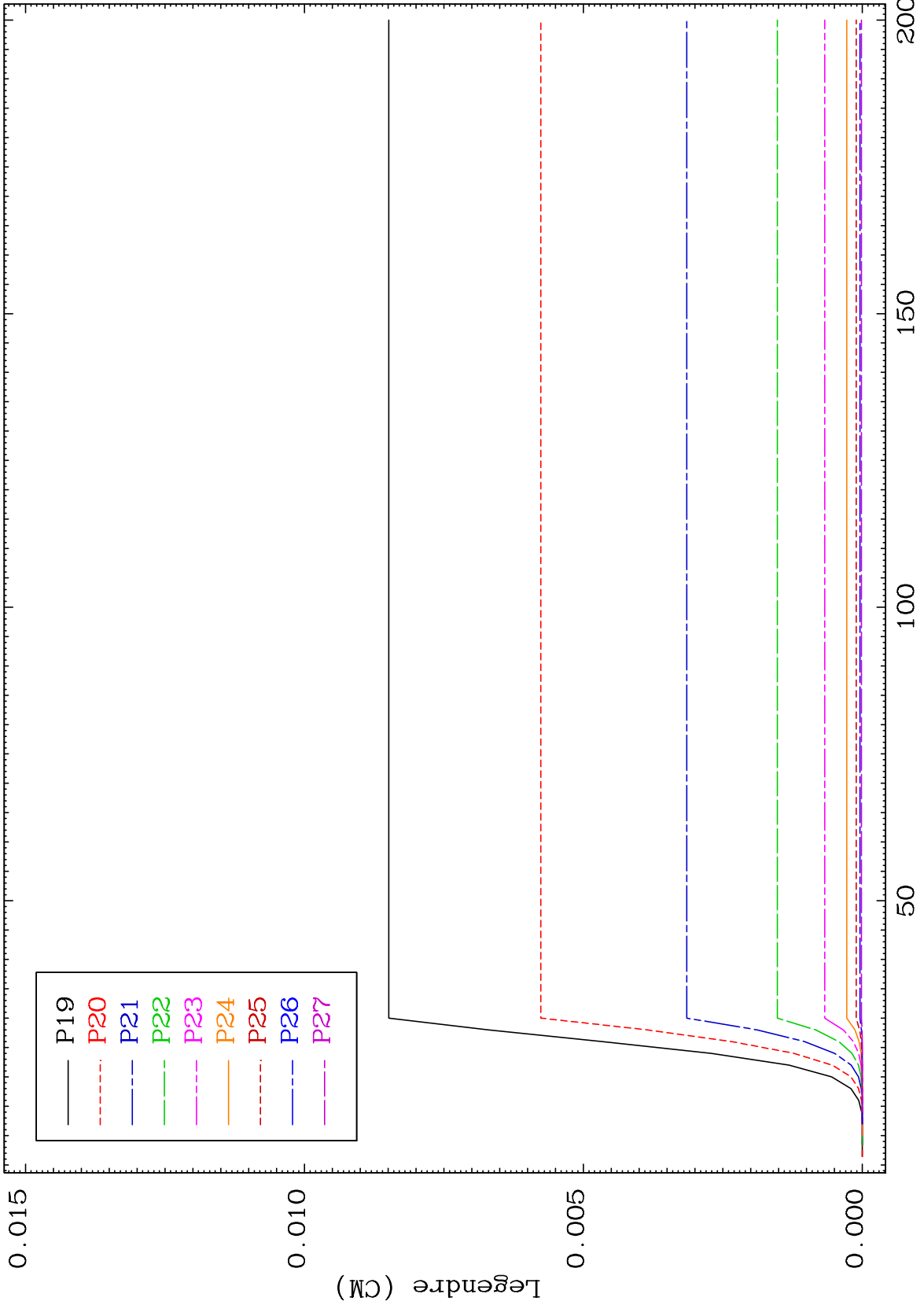
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



37

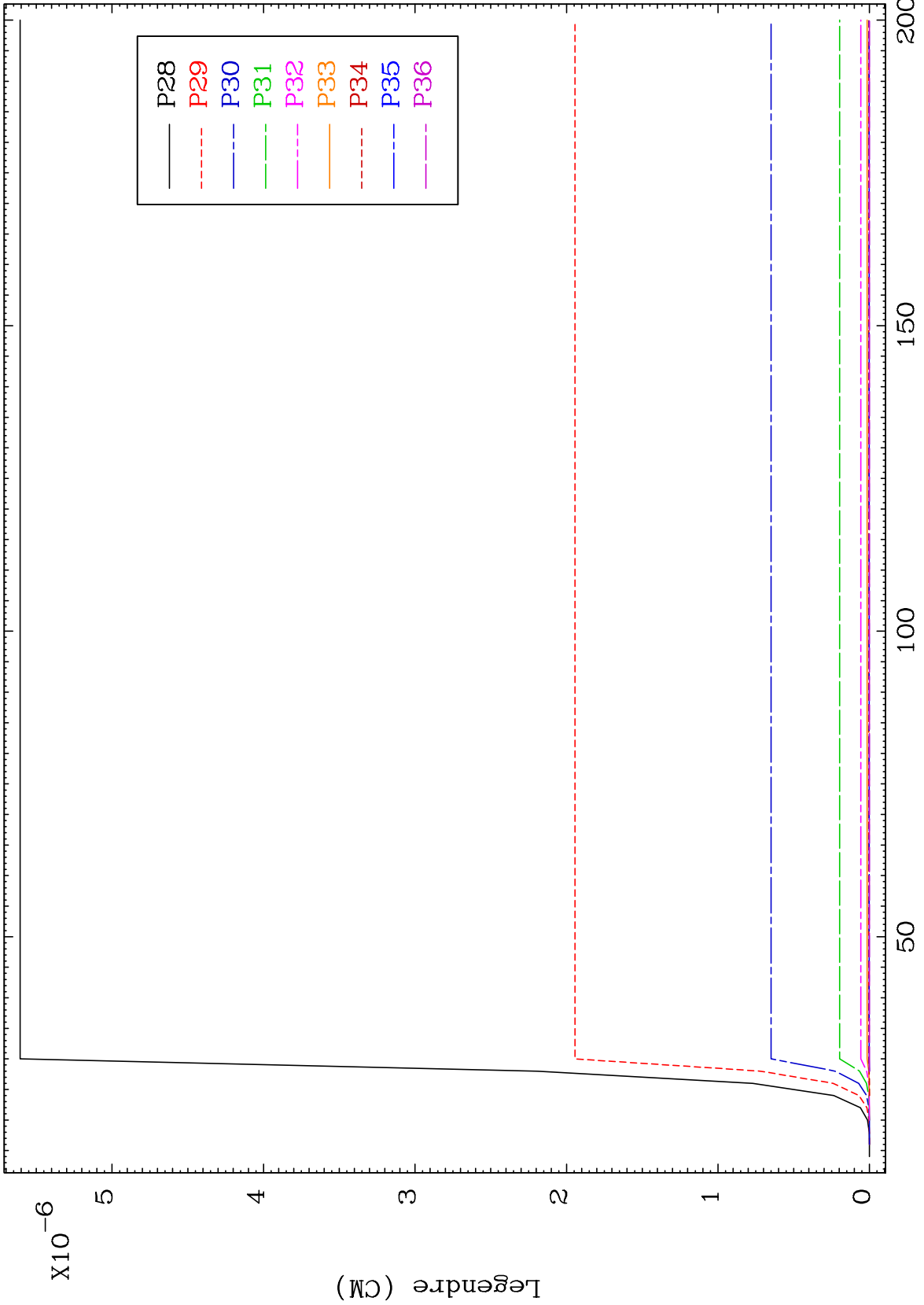
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



38

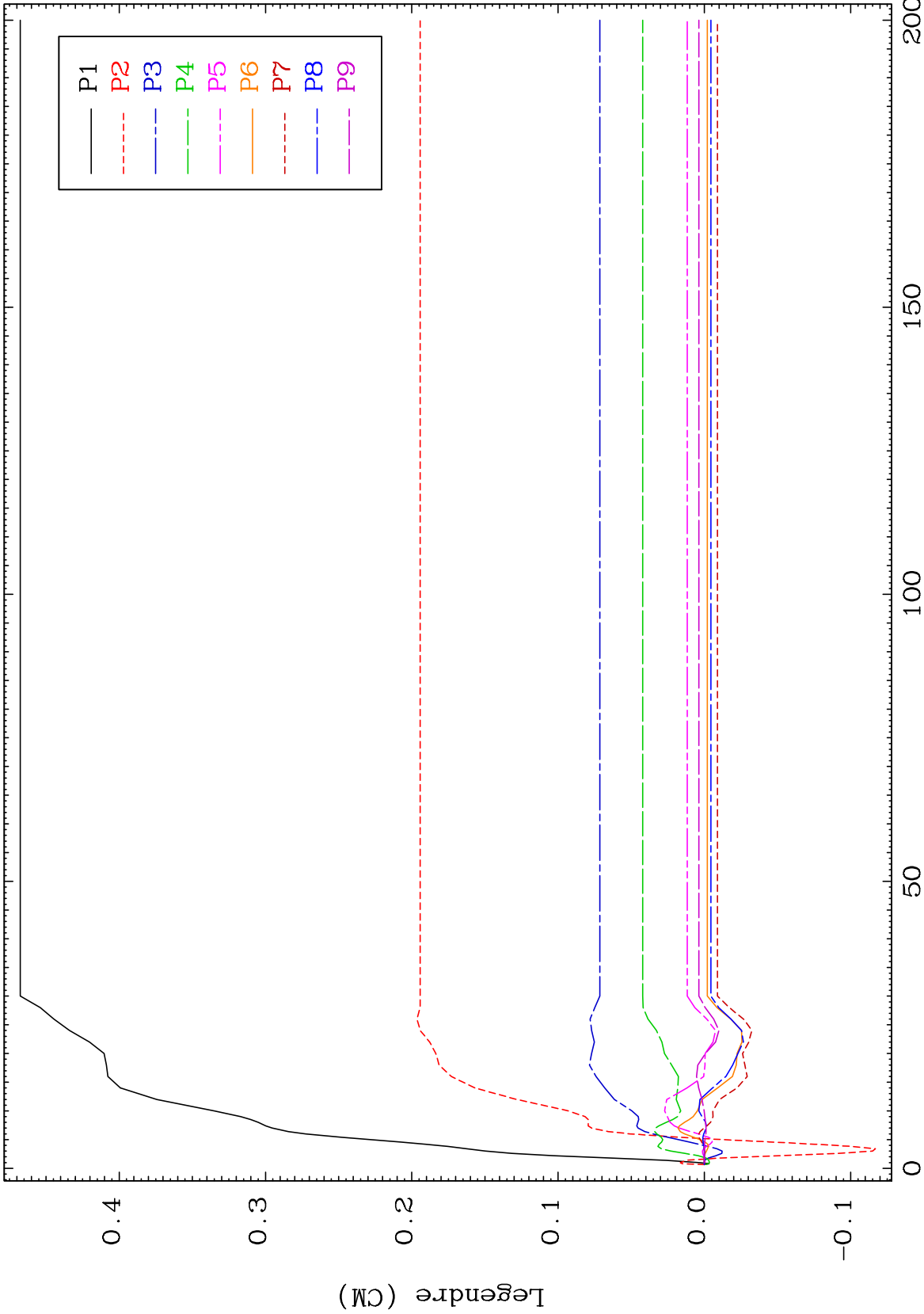
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



39

Incident Energy (MeV)

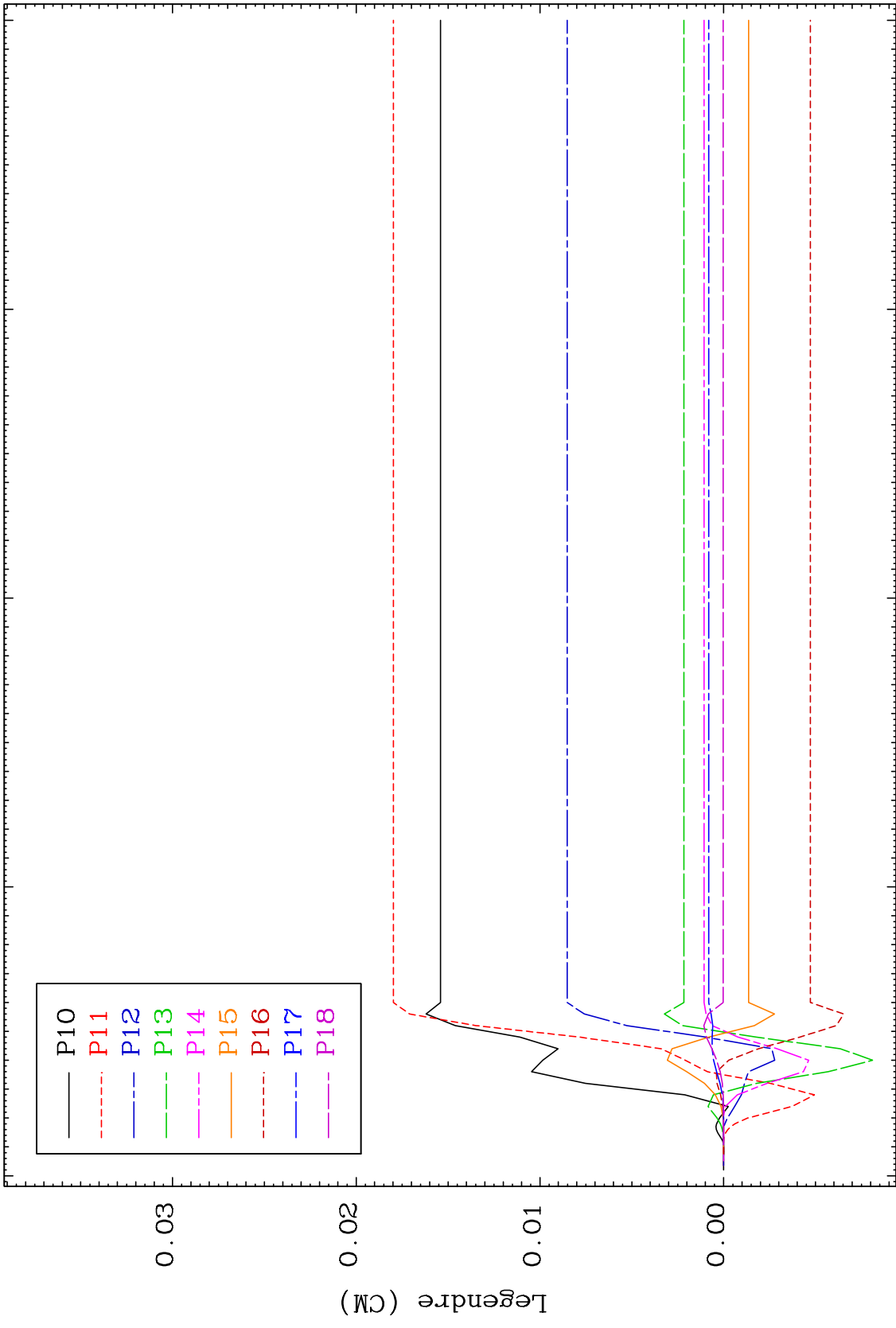
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MAT 6186

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

62-Sm-131



40

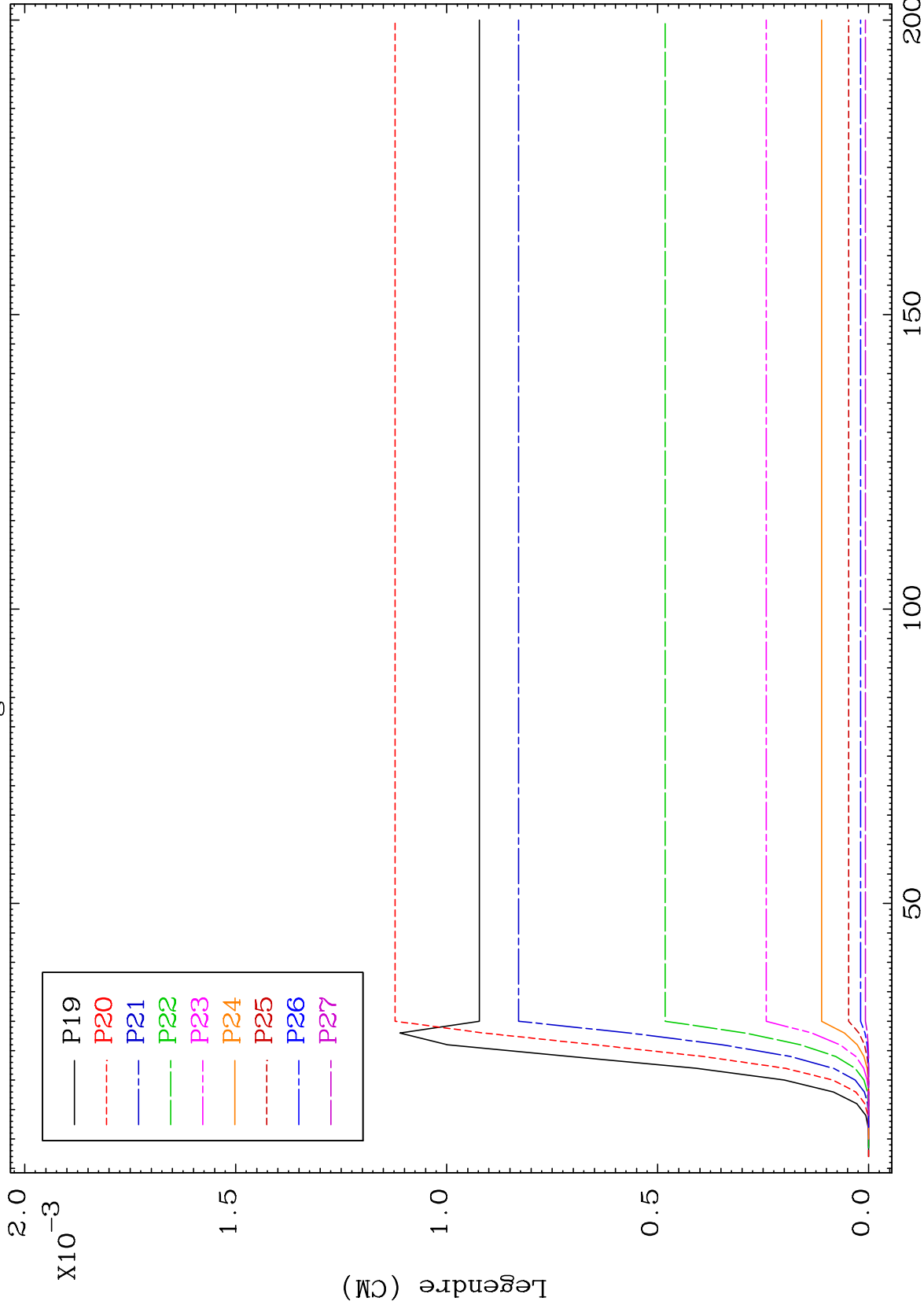
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

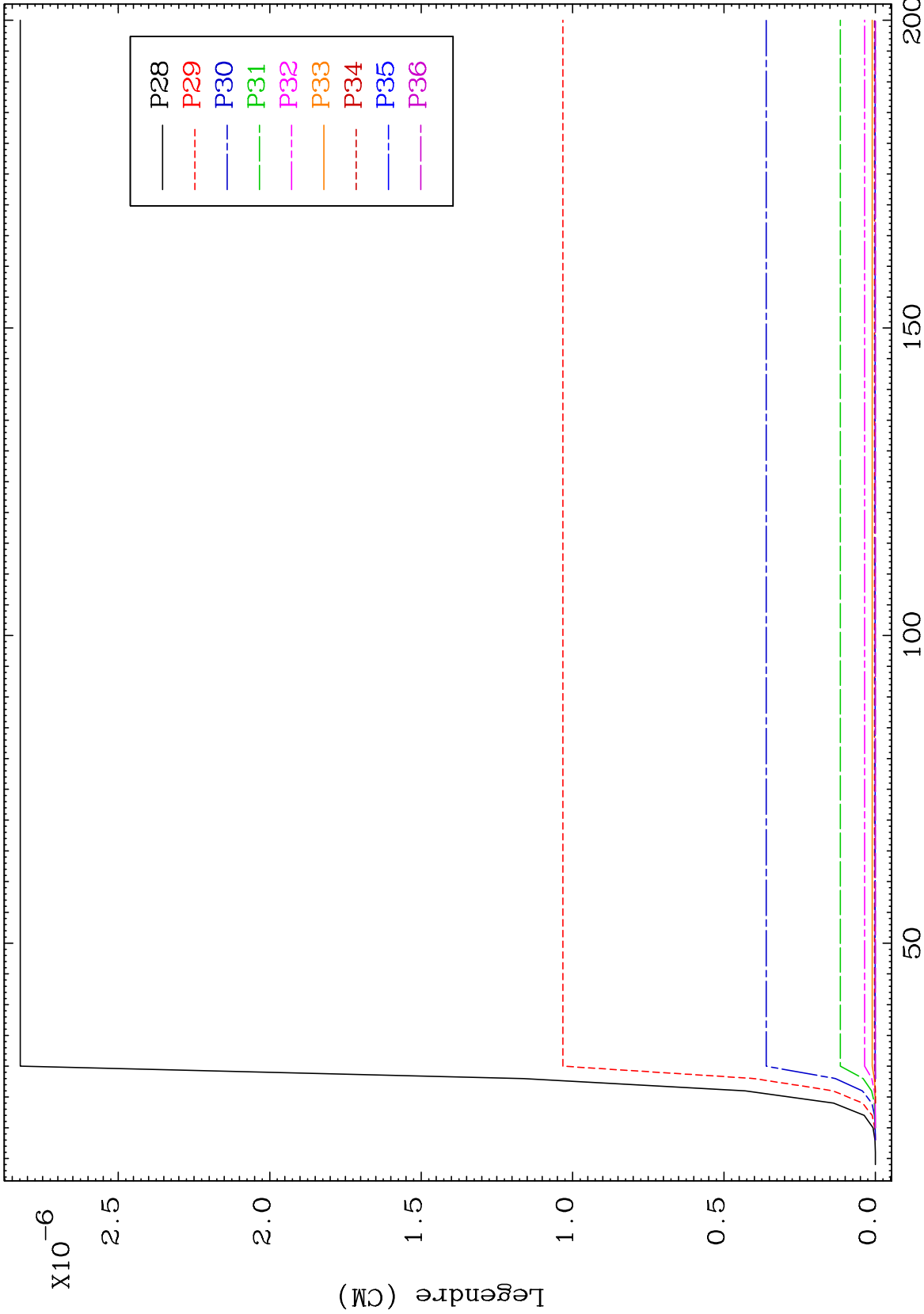
62-Sm-131



MAT 6186

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

62-Sm-131



42

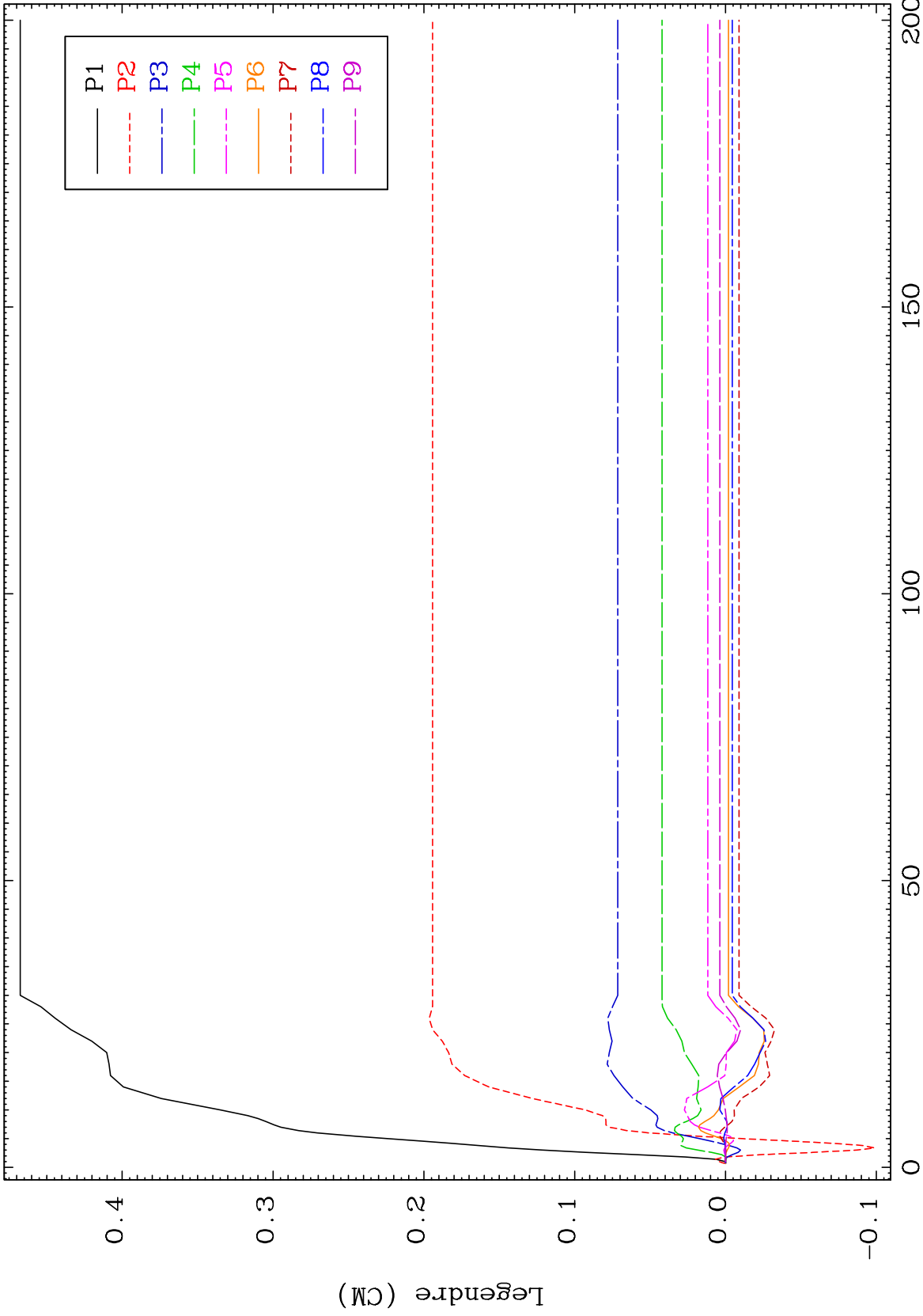
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



43

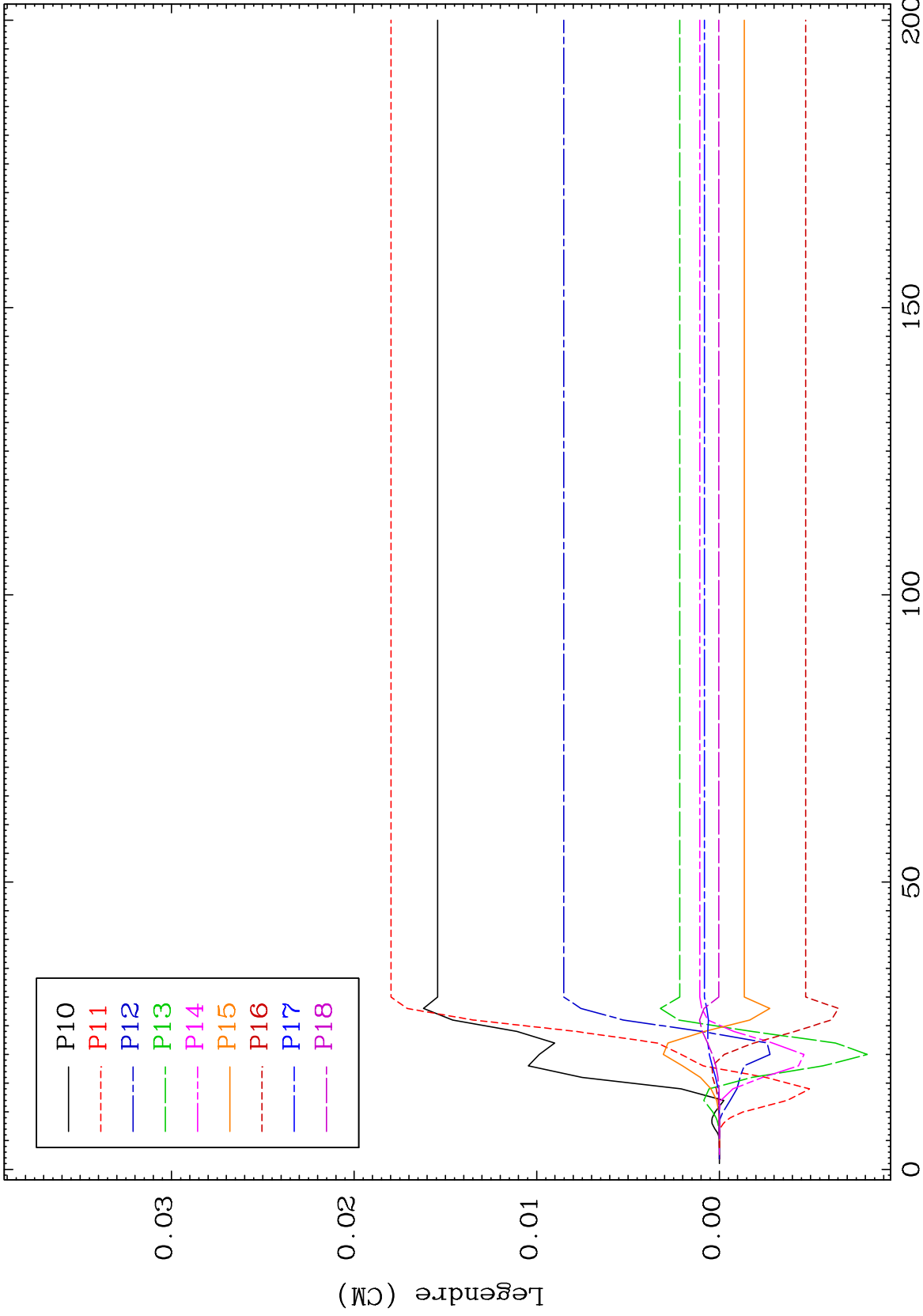
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



44

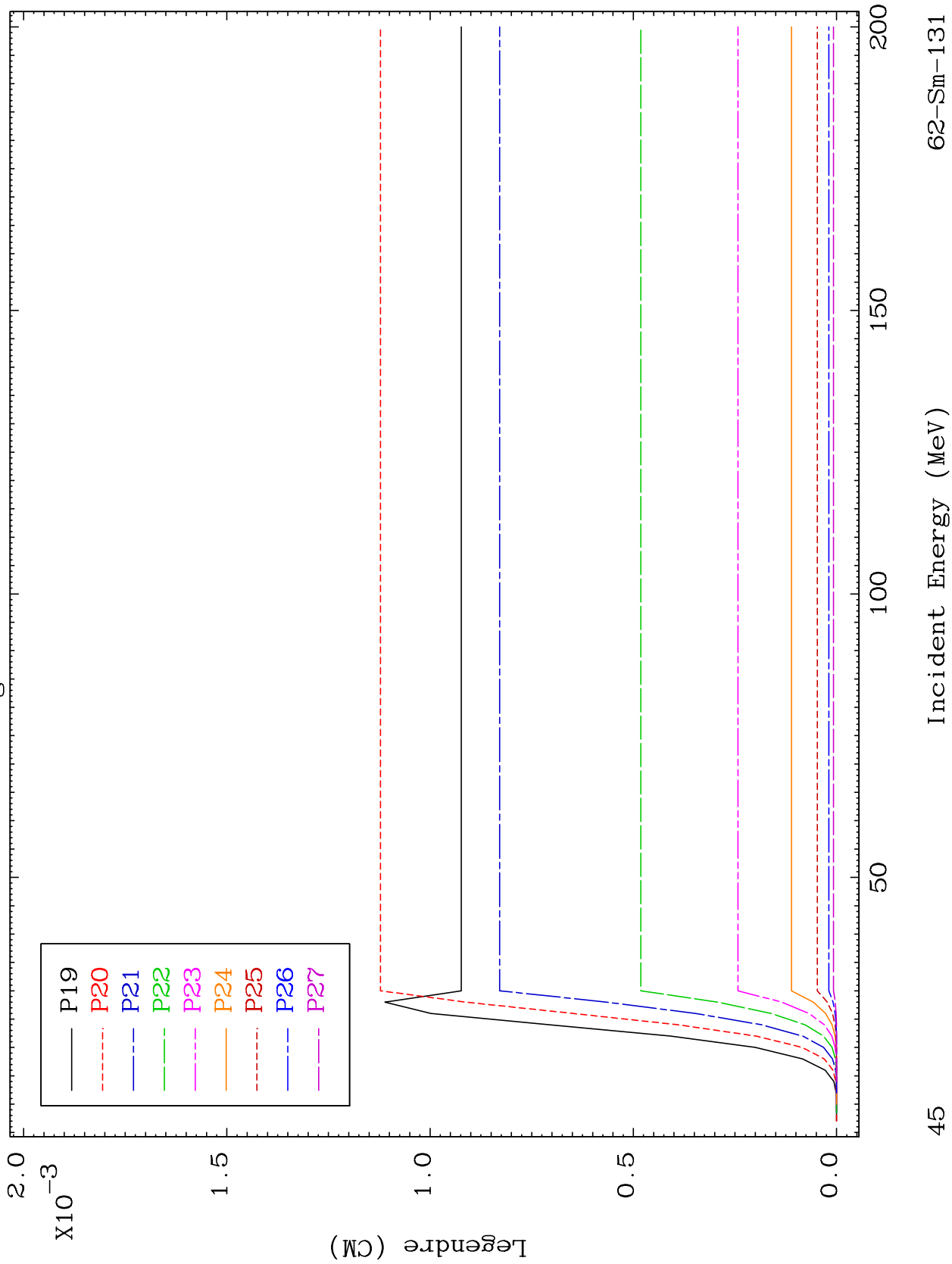
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



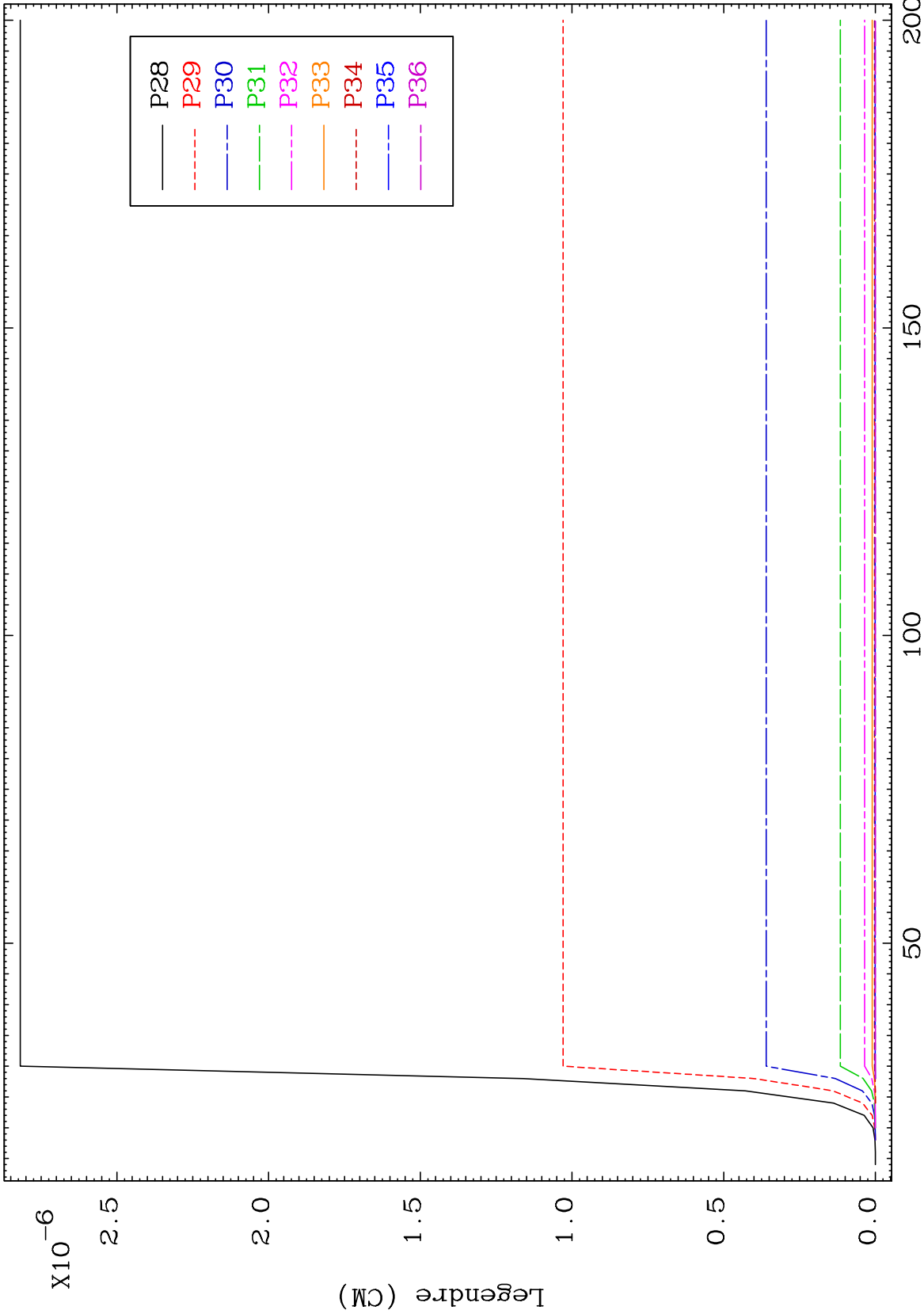
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62-Sm-131

MAT 6186

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

62-Sm-131



46

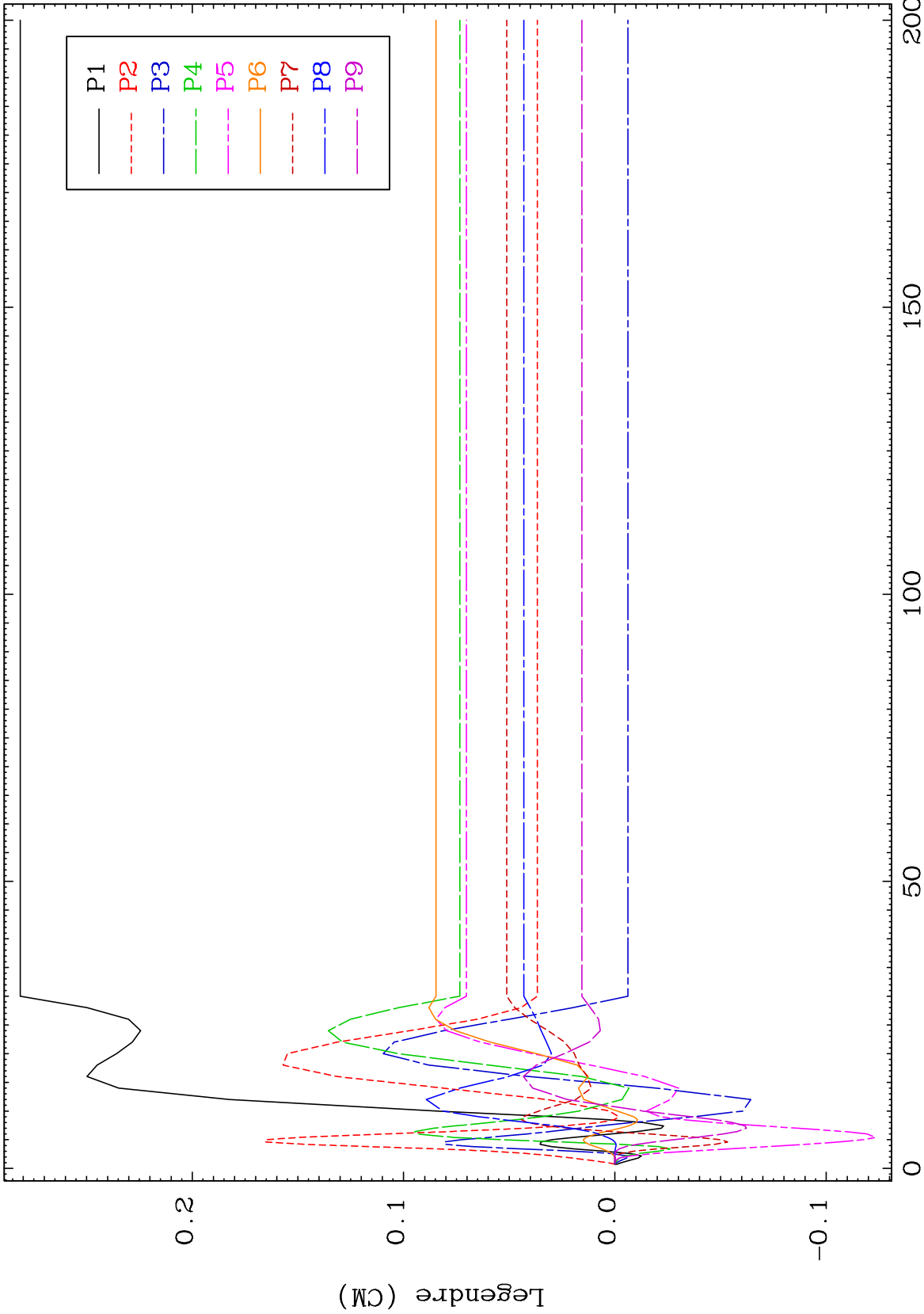
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



47

Incident Energy (MeV)

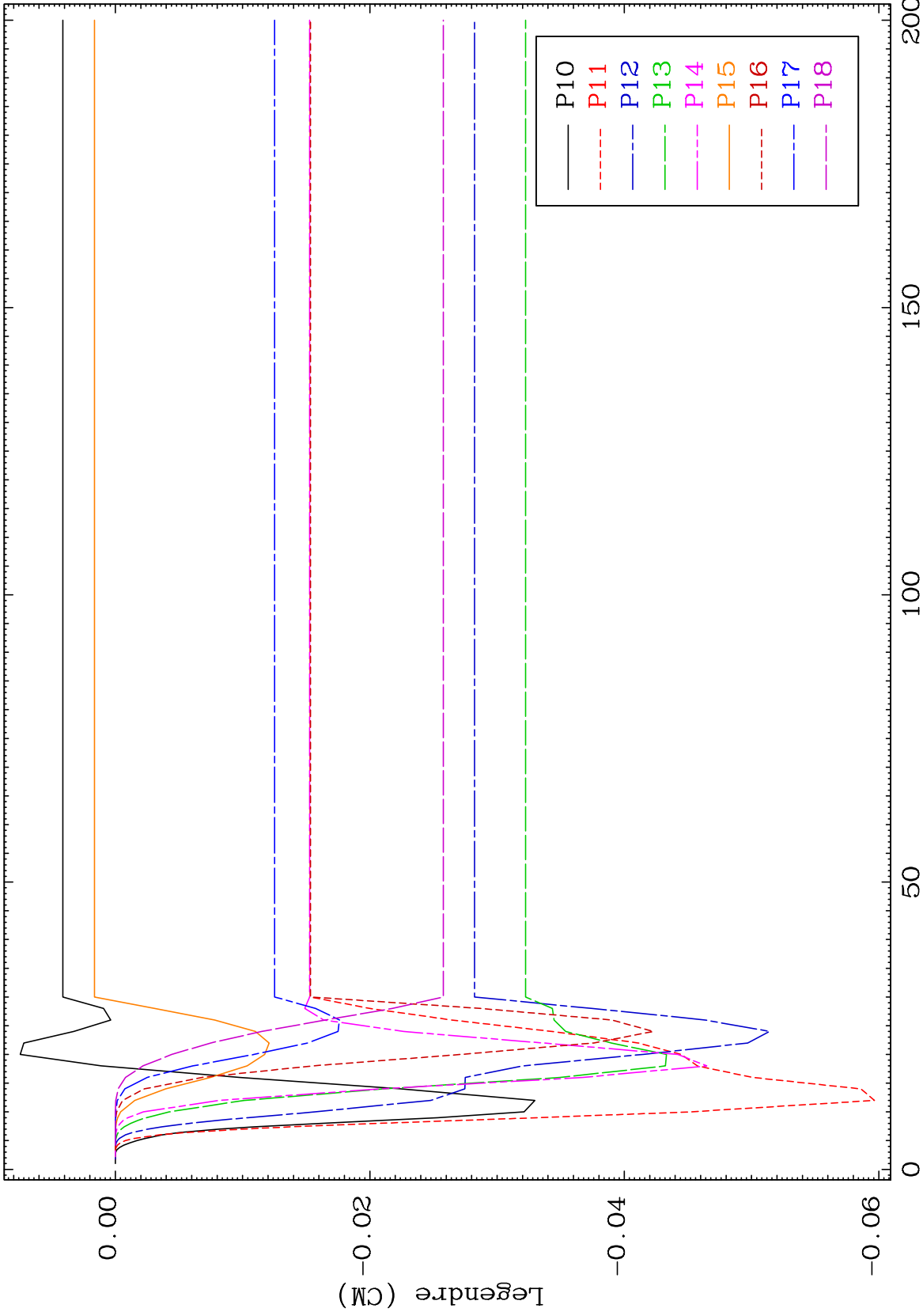
62-Sm-131



MAT 6186

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

62-Sm-131

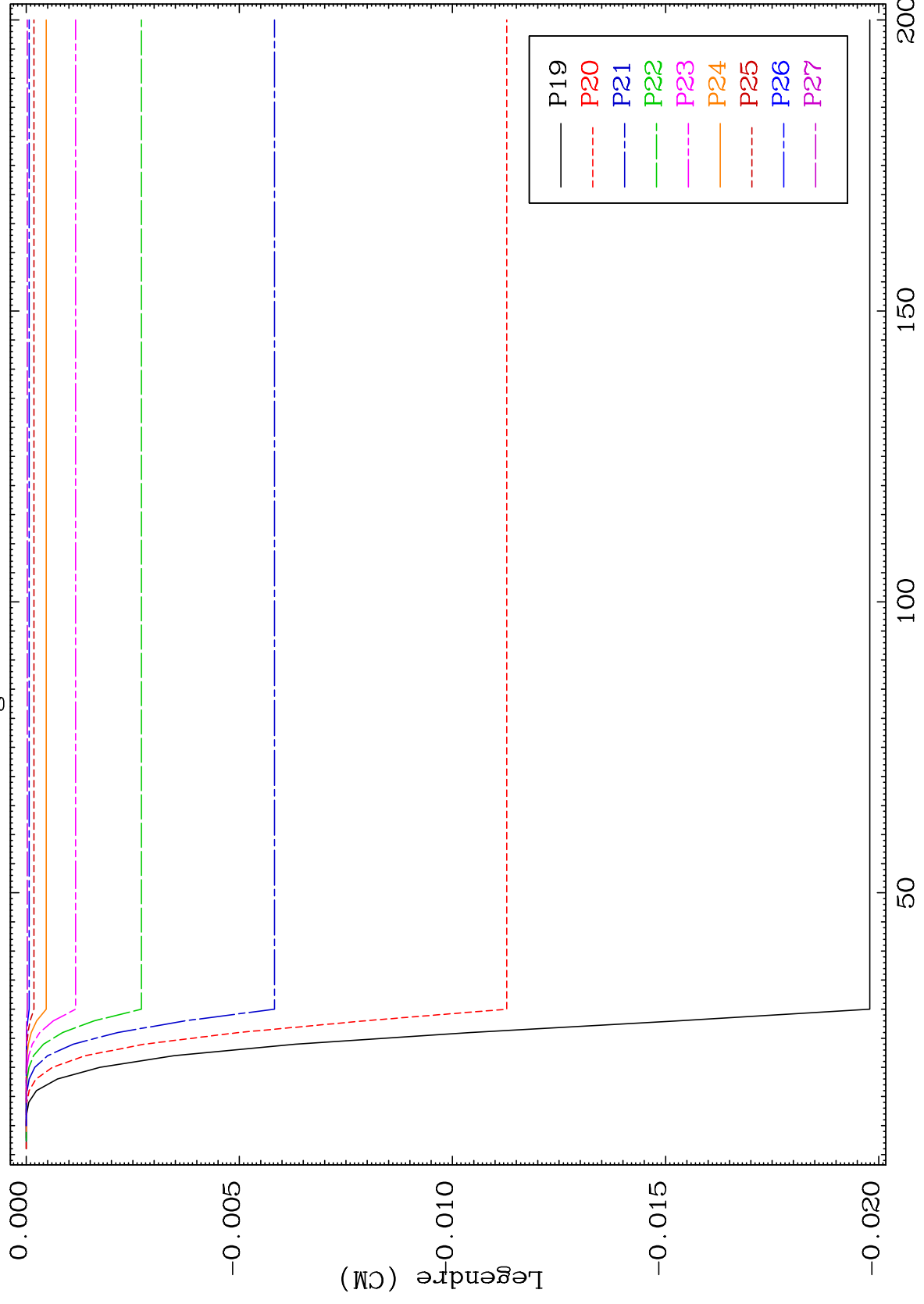


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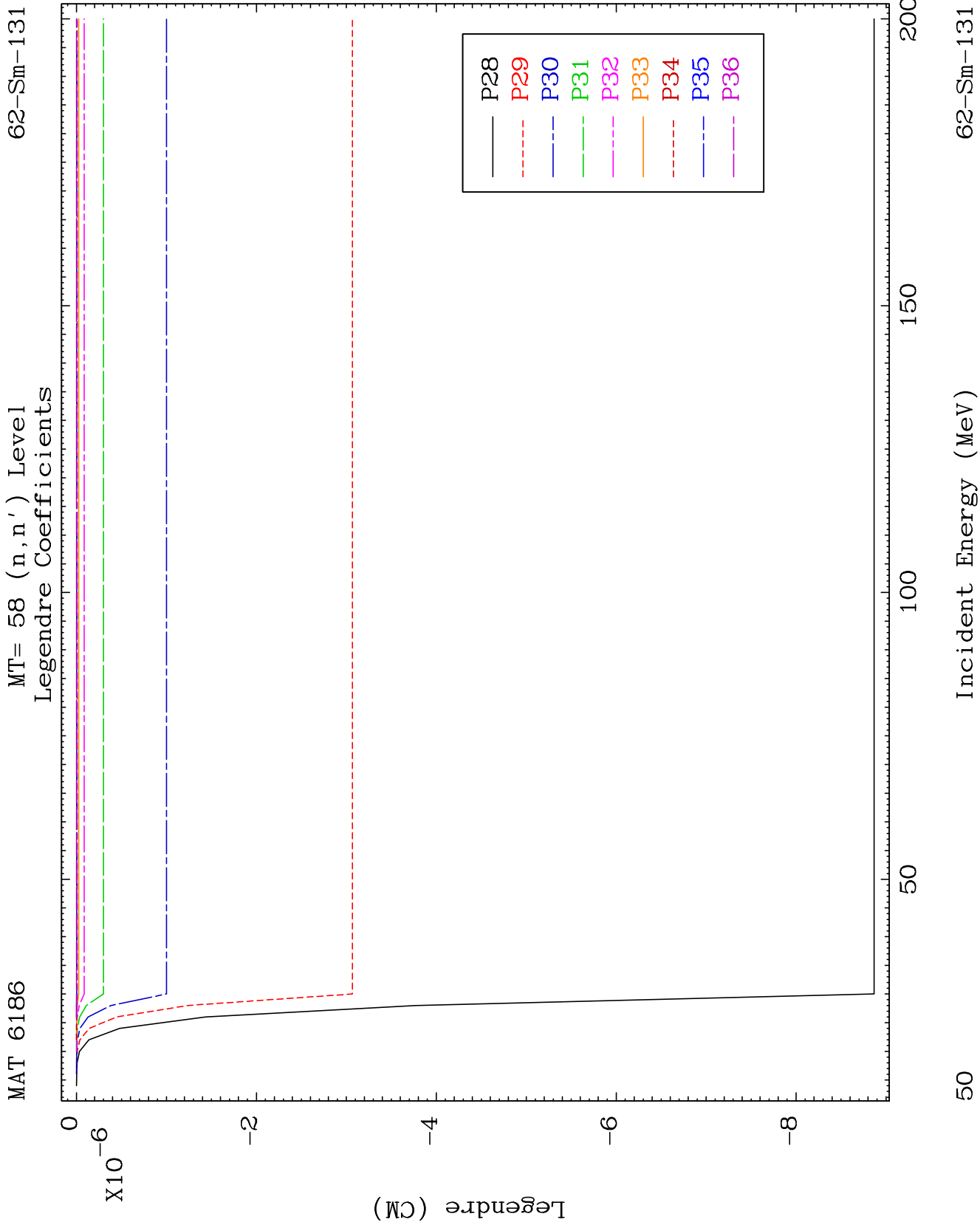
Incident Energy (MeV)

62-Sm-131

MAT 6186 MT= 58 (n,n') Level Legendre Coefficients 62-Sm-131



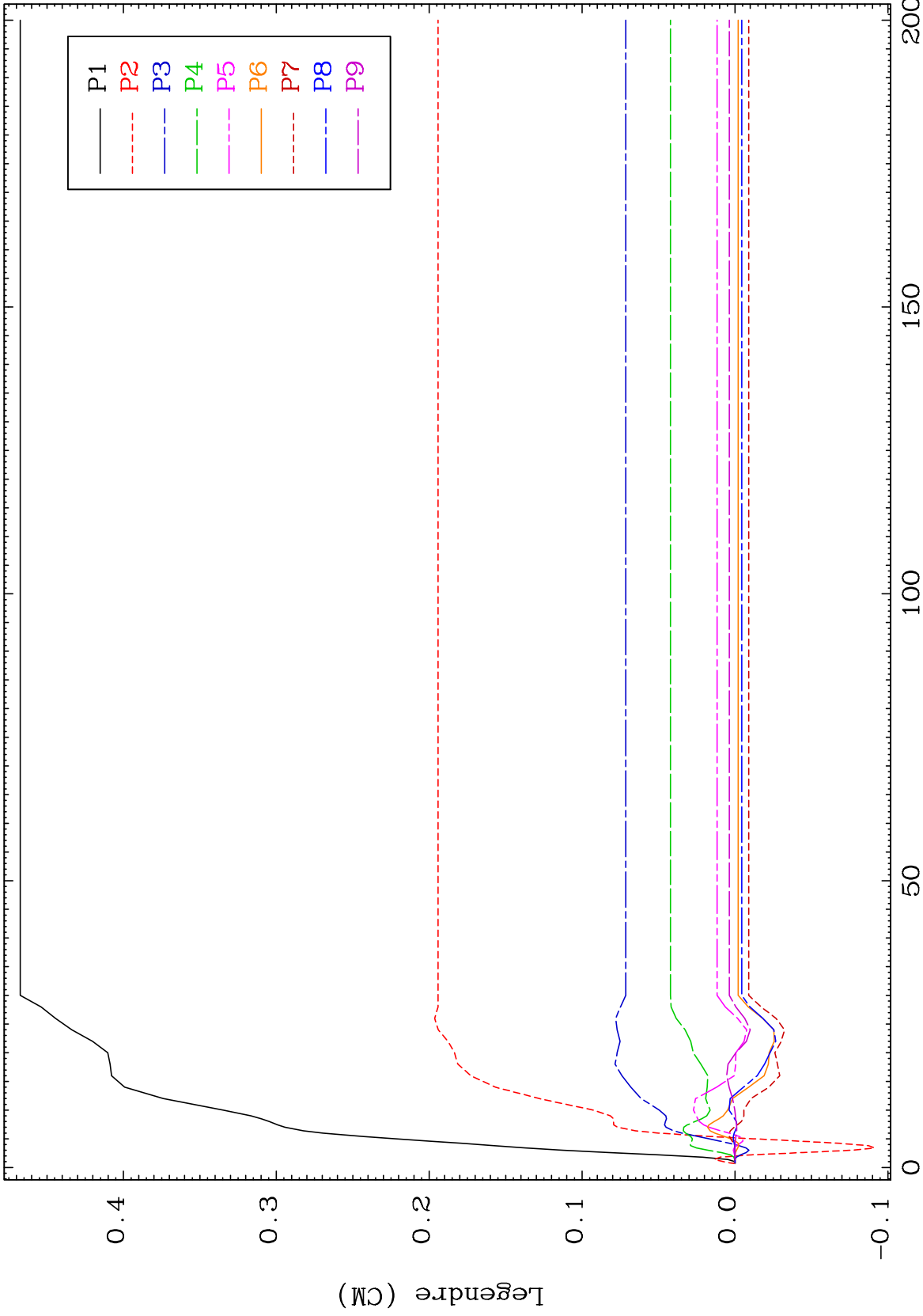
49 62-Sm-131



MAT 6186

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

62-Sm-131



51

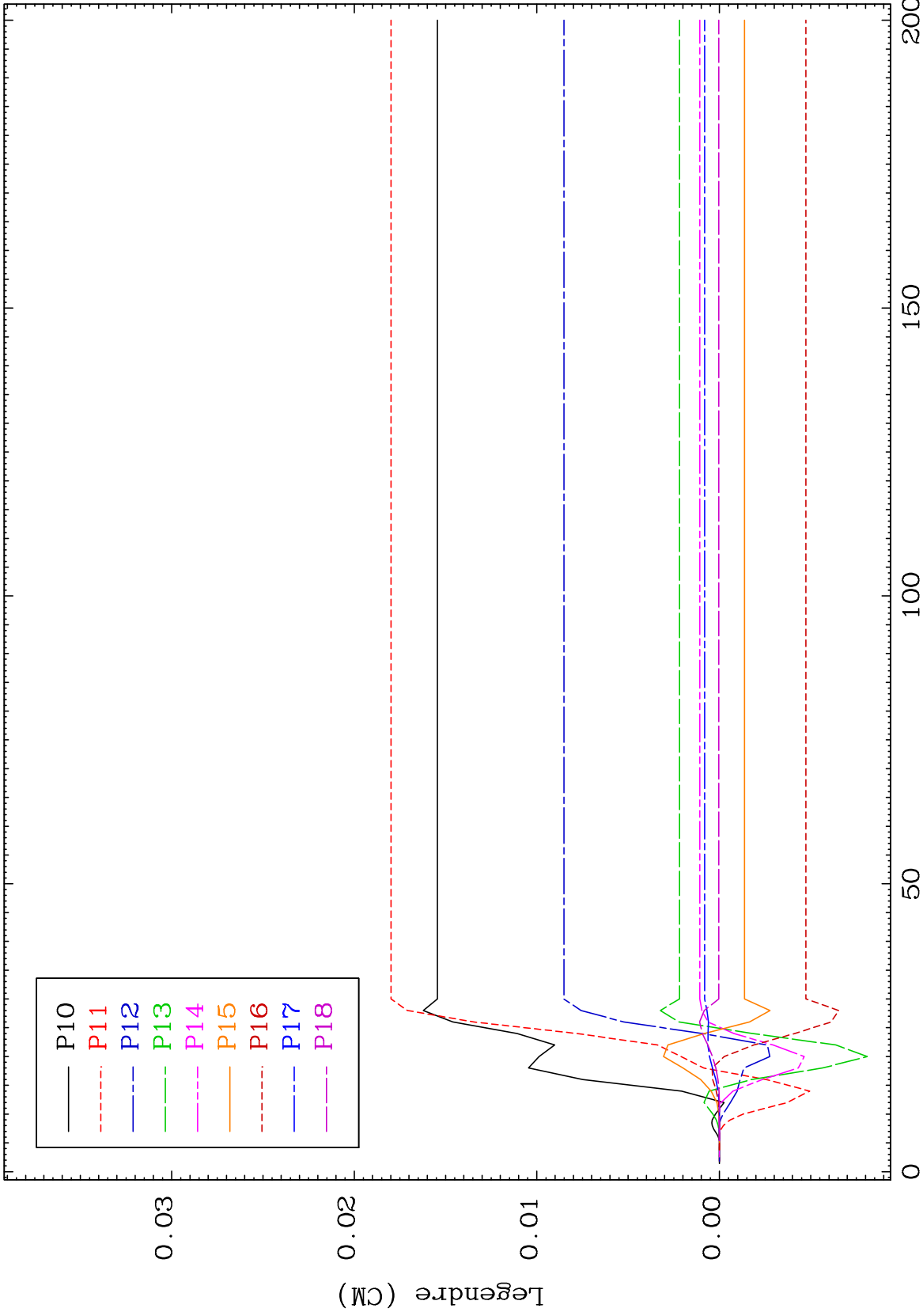
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



52

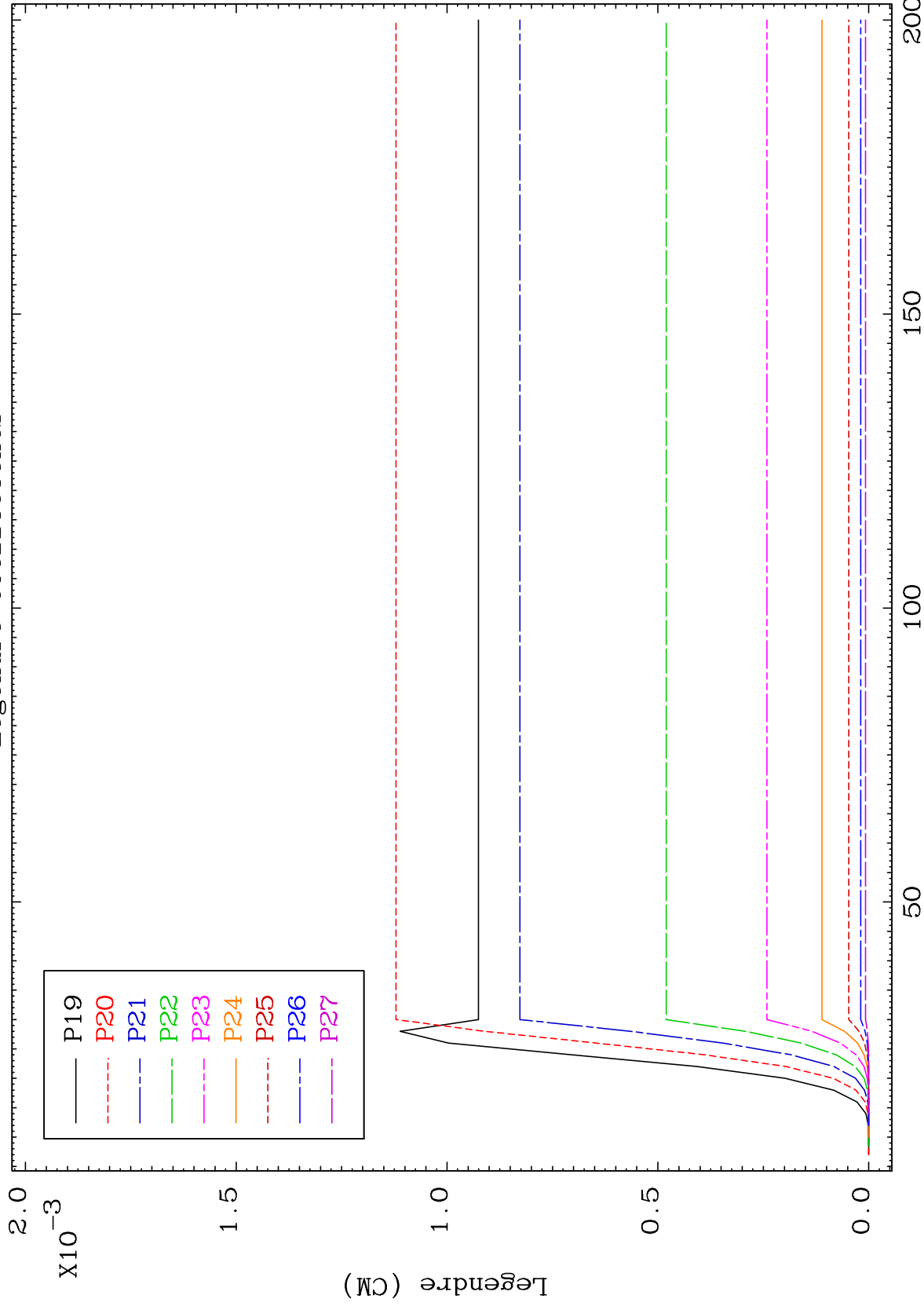
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



53

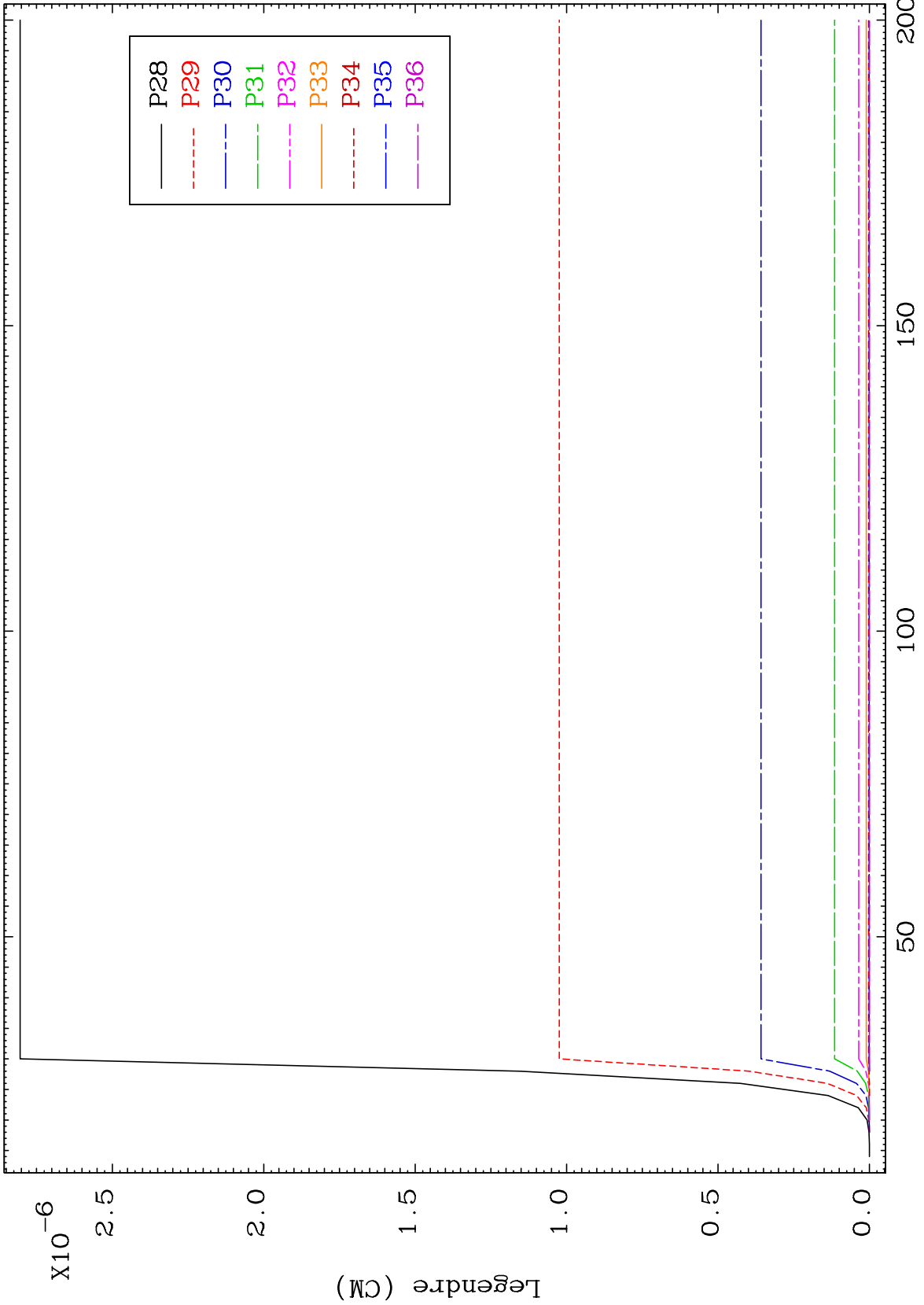
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



54

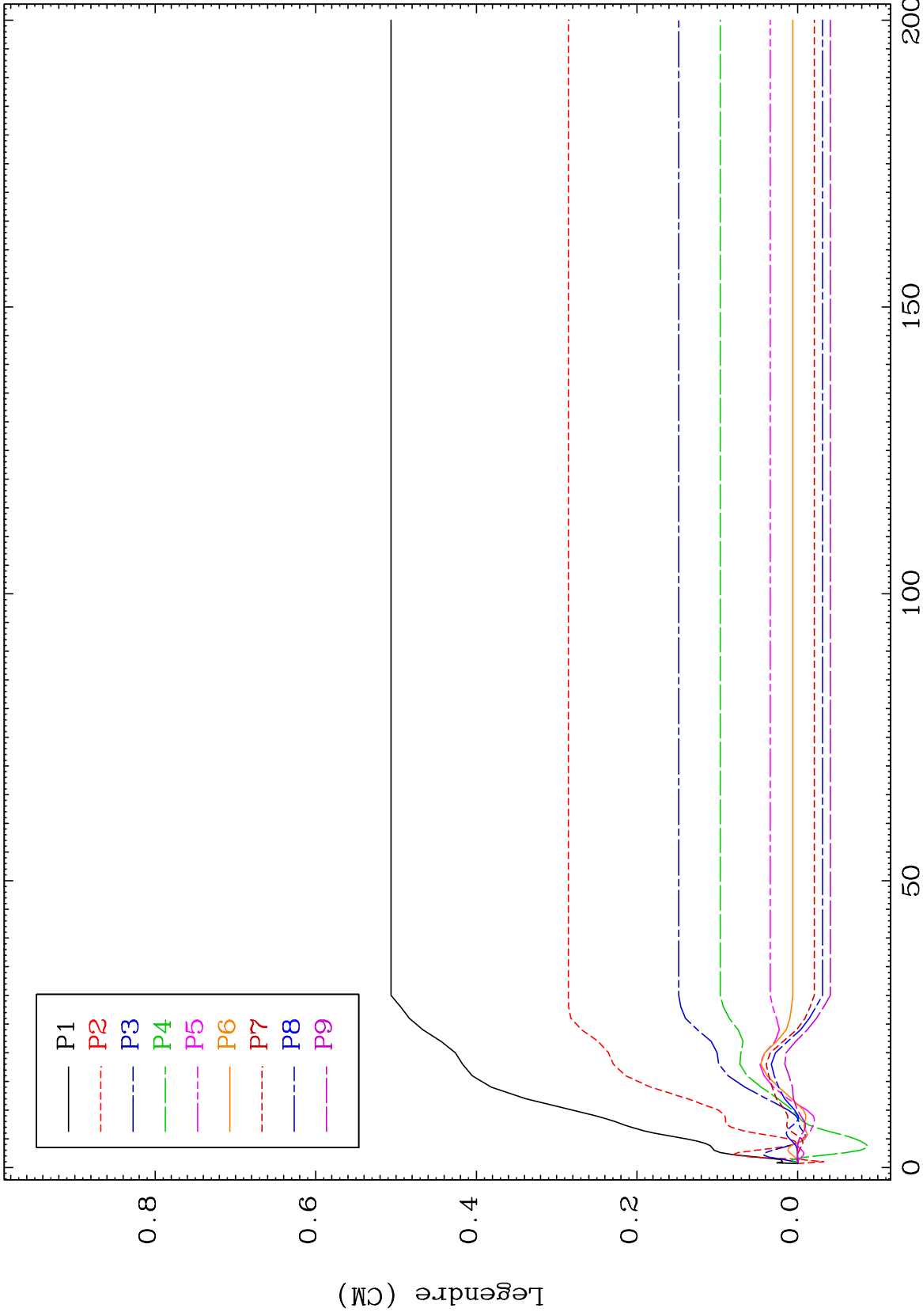
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



55

Incident Energy (MeV)

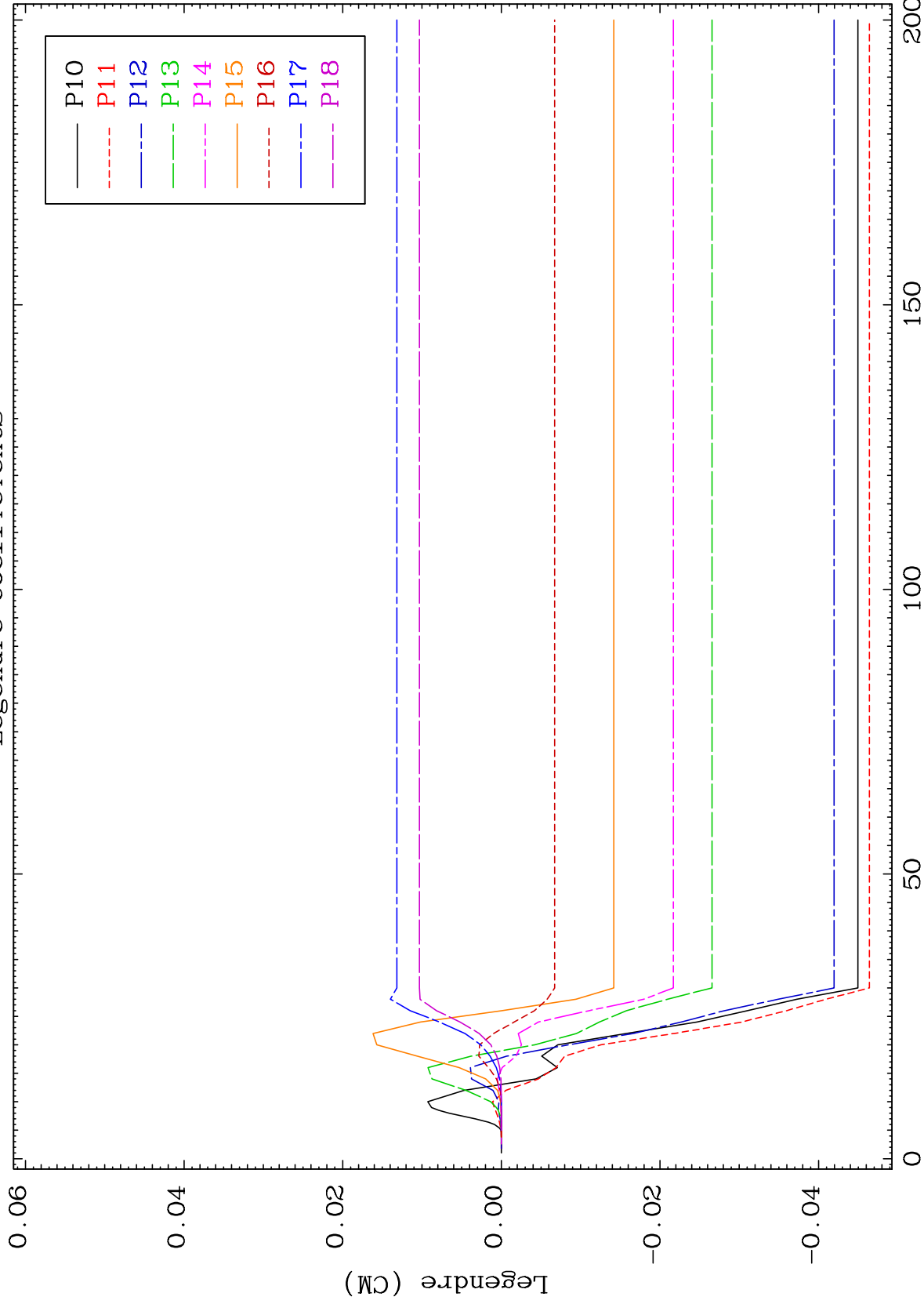
62-Sm-131



MAT 6186

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

62-Sm-131



56

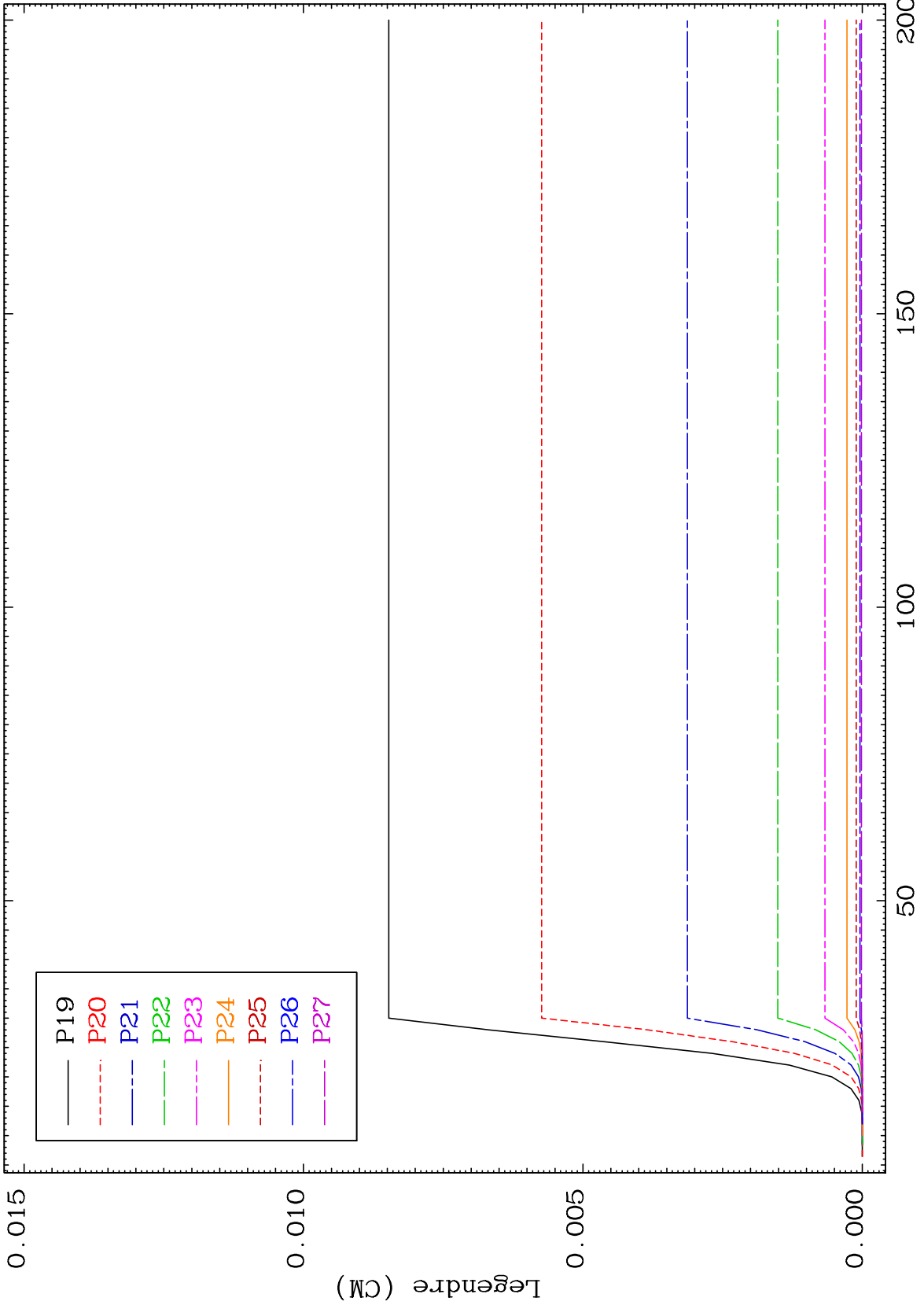
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



57

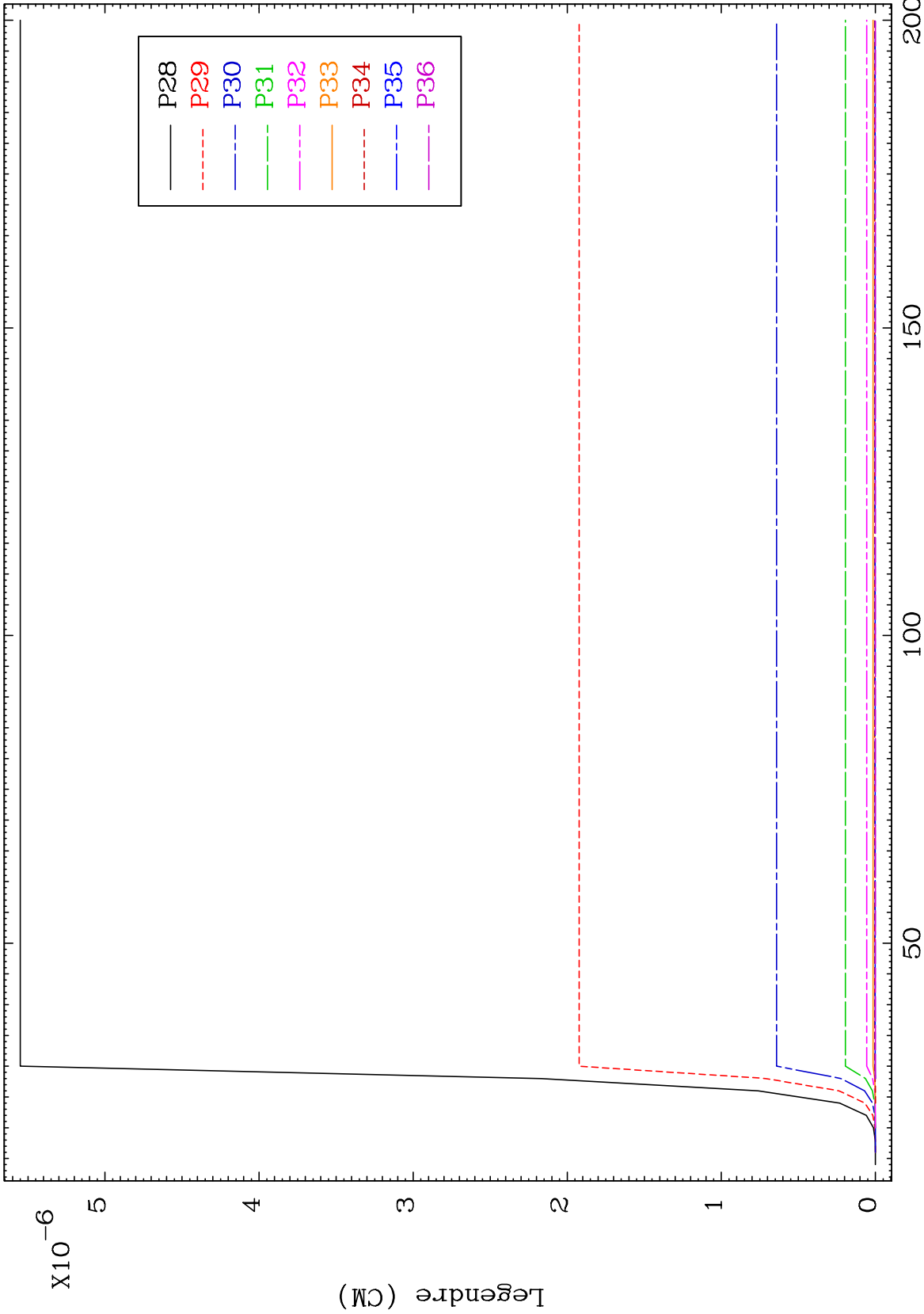
Incident Energy (MeV)

62-Sm-131

MAT 6186

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

62-Sm-131



58

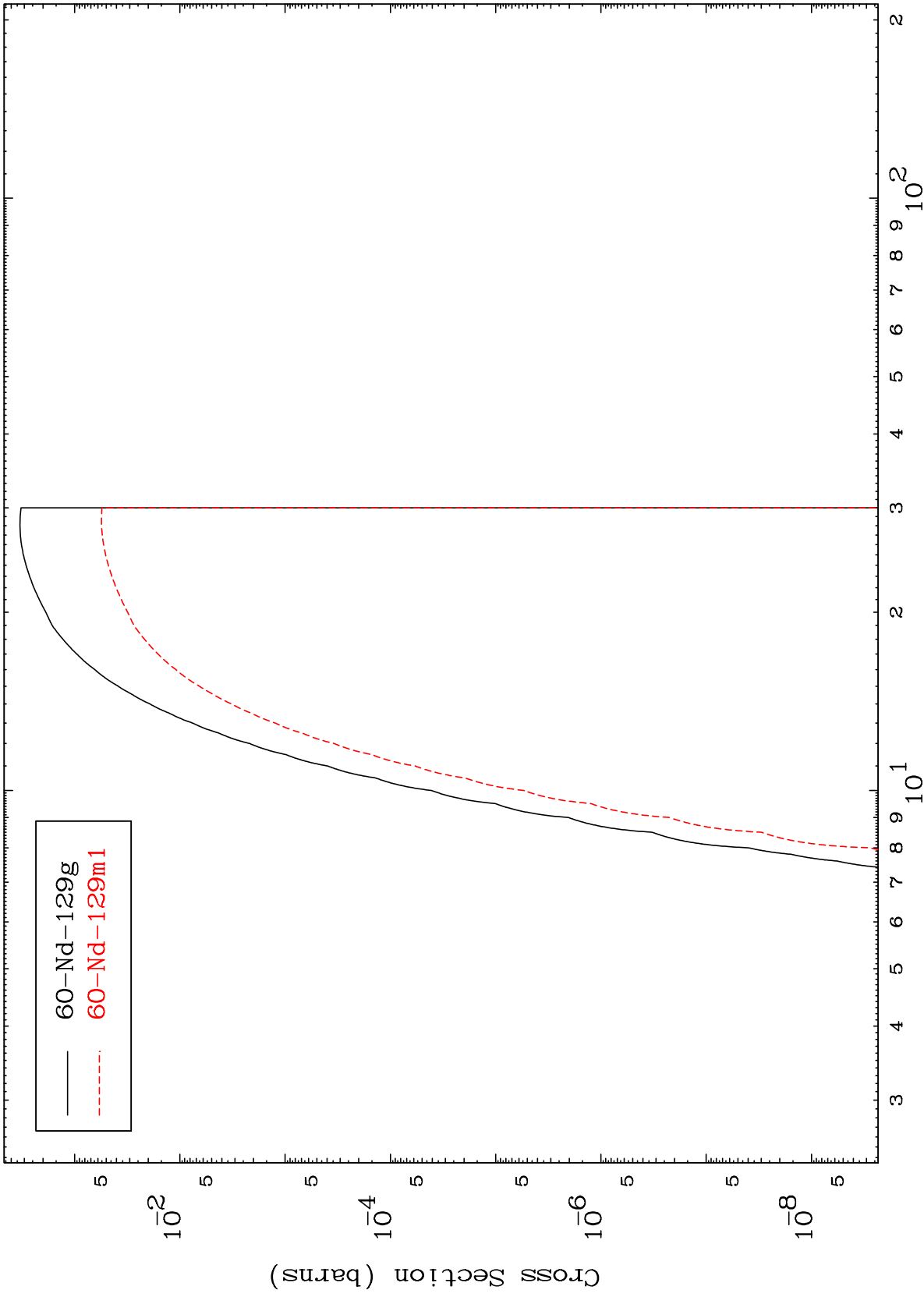
Incident Energy (MeV)

62-Sm-131

MAT 6186

62-Sm-131

(n,2n) p  
Radionuclide Production Cross Section



59

Incident Energy (MeV)

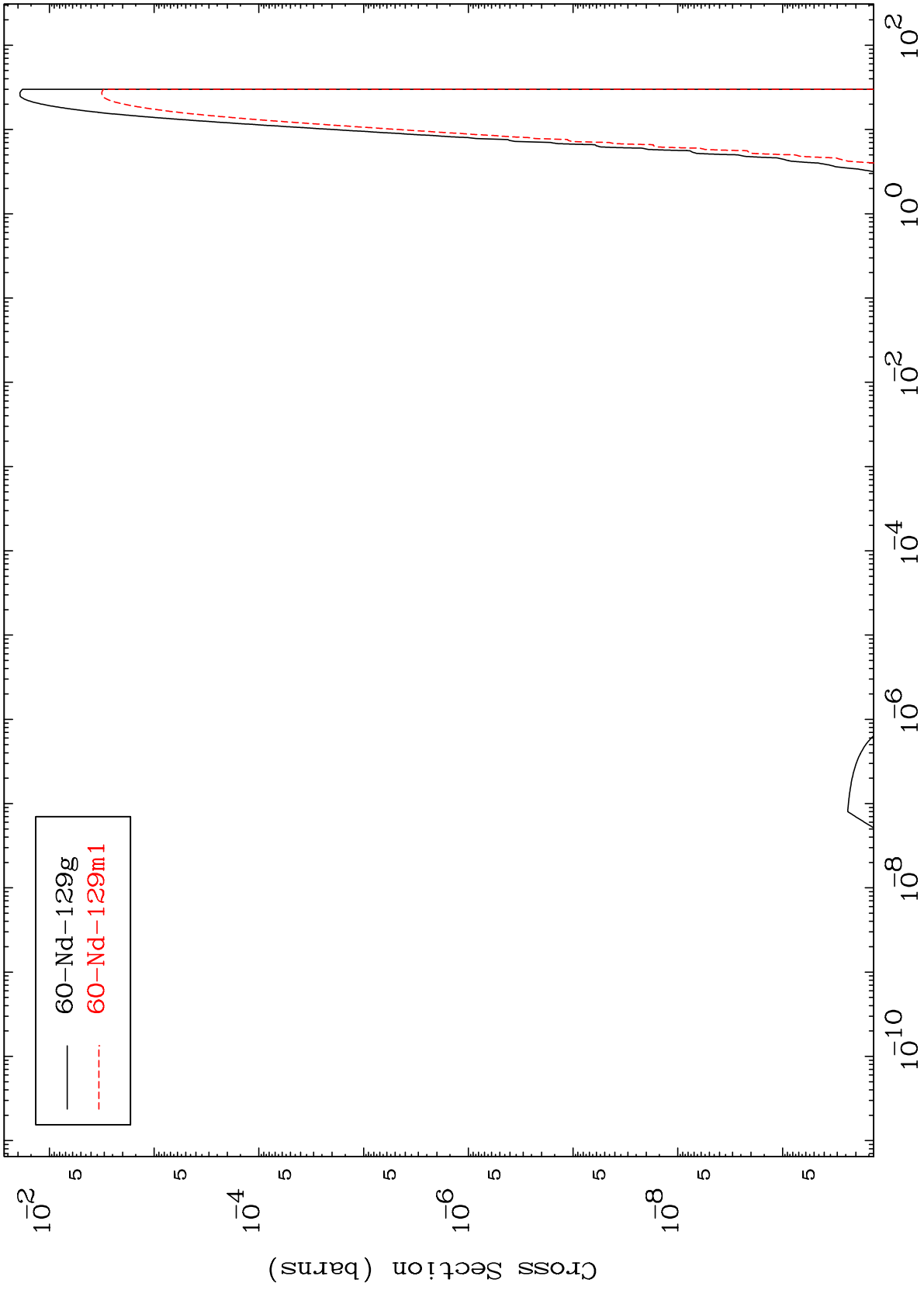
62-Sm-131

MAT 6186

(n, He-3)

62-Sm-131

Radionuclide Production Cross Section

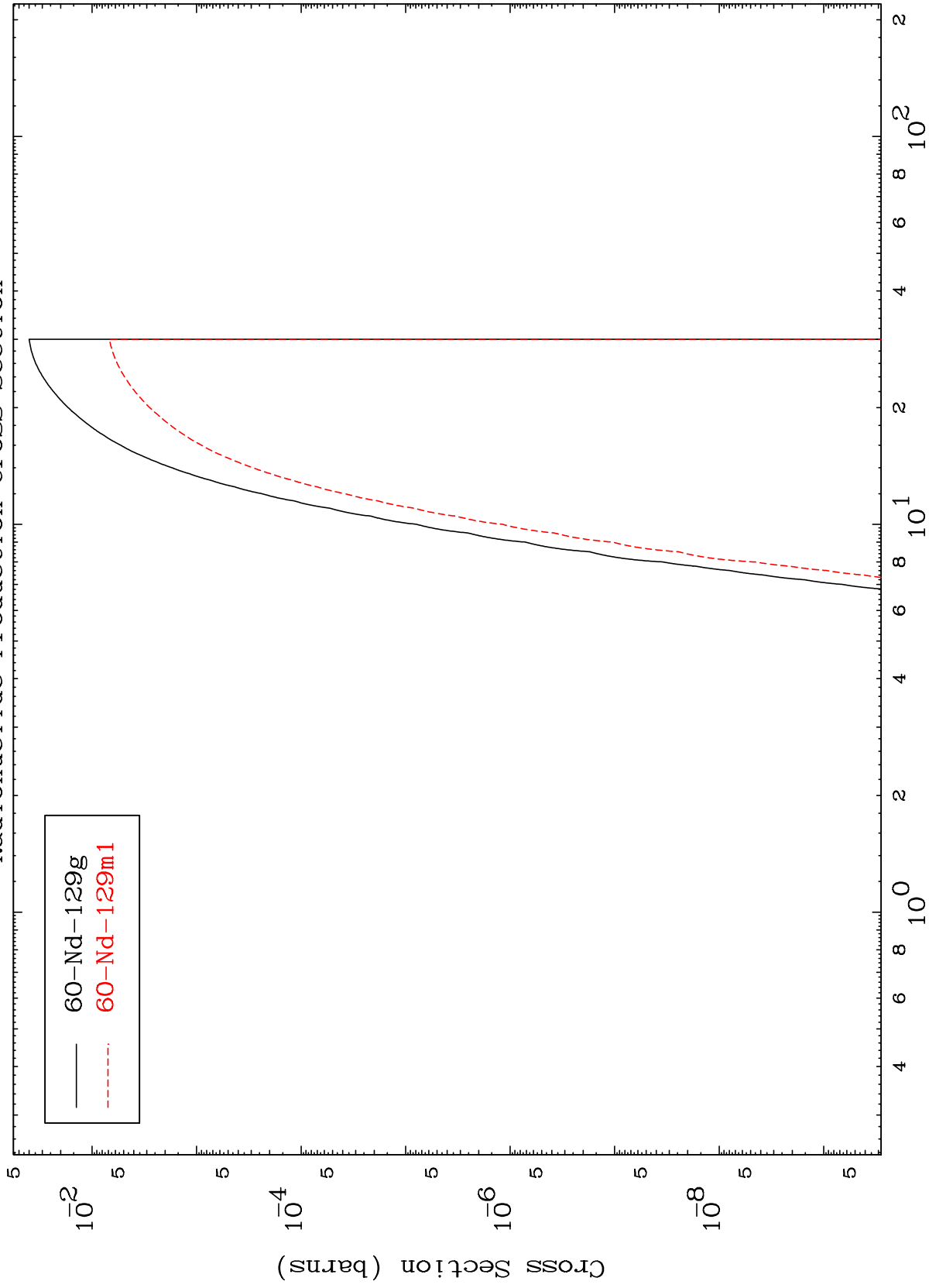


MAT 6186

(n,p) d

62-Sm-131

Radionuclide Production Cross Section



61

Incident Energy (MeV)

62-Sm-131