

Program EVALPLOT
(Version 2018-1)

by

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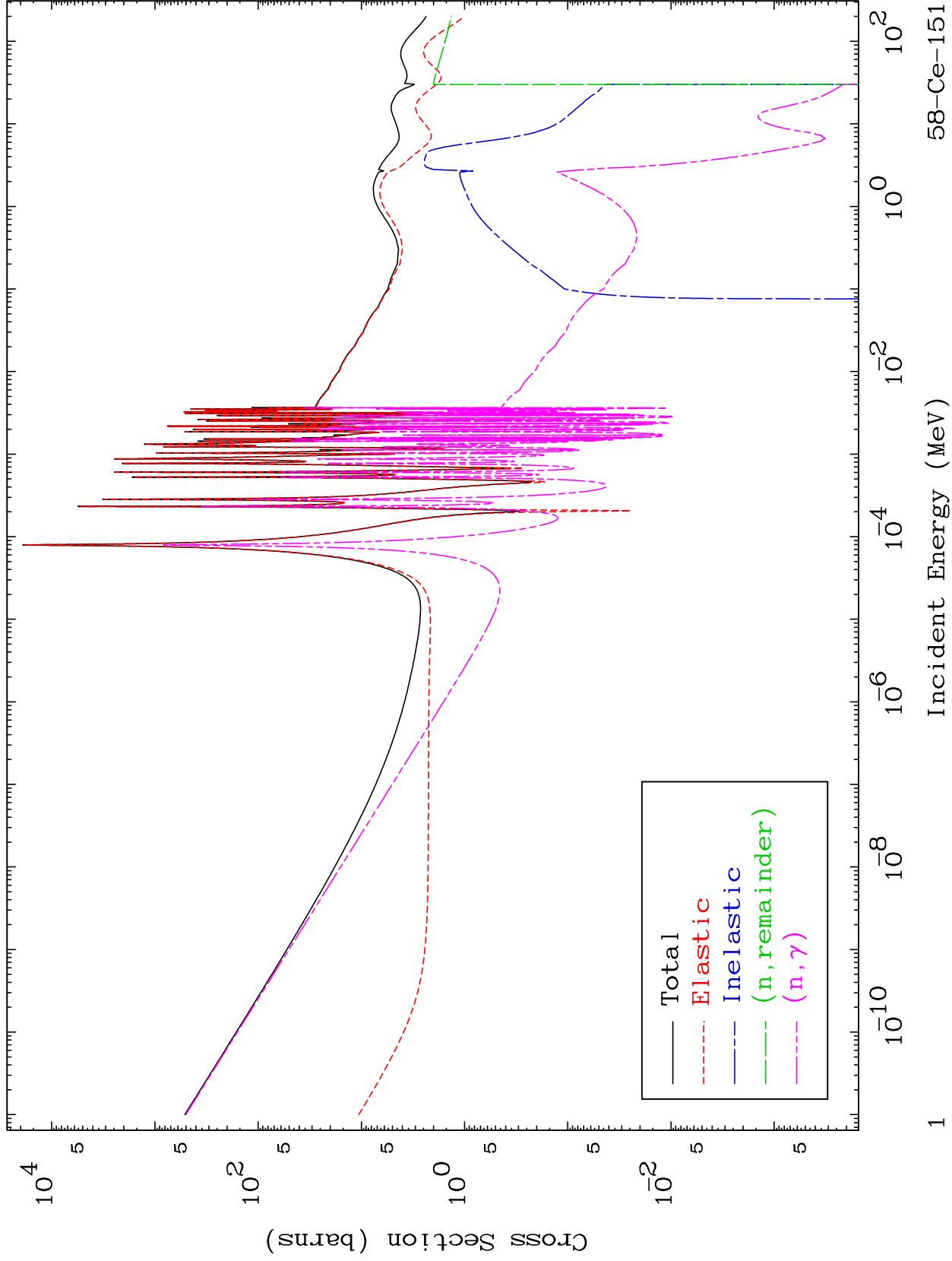
Press Mouse Button to Start

MAT 5870

Major

293 Kelvin Cross Sections

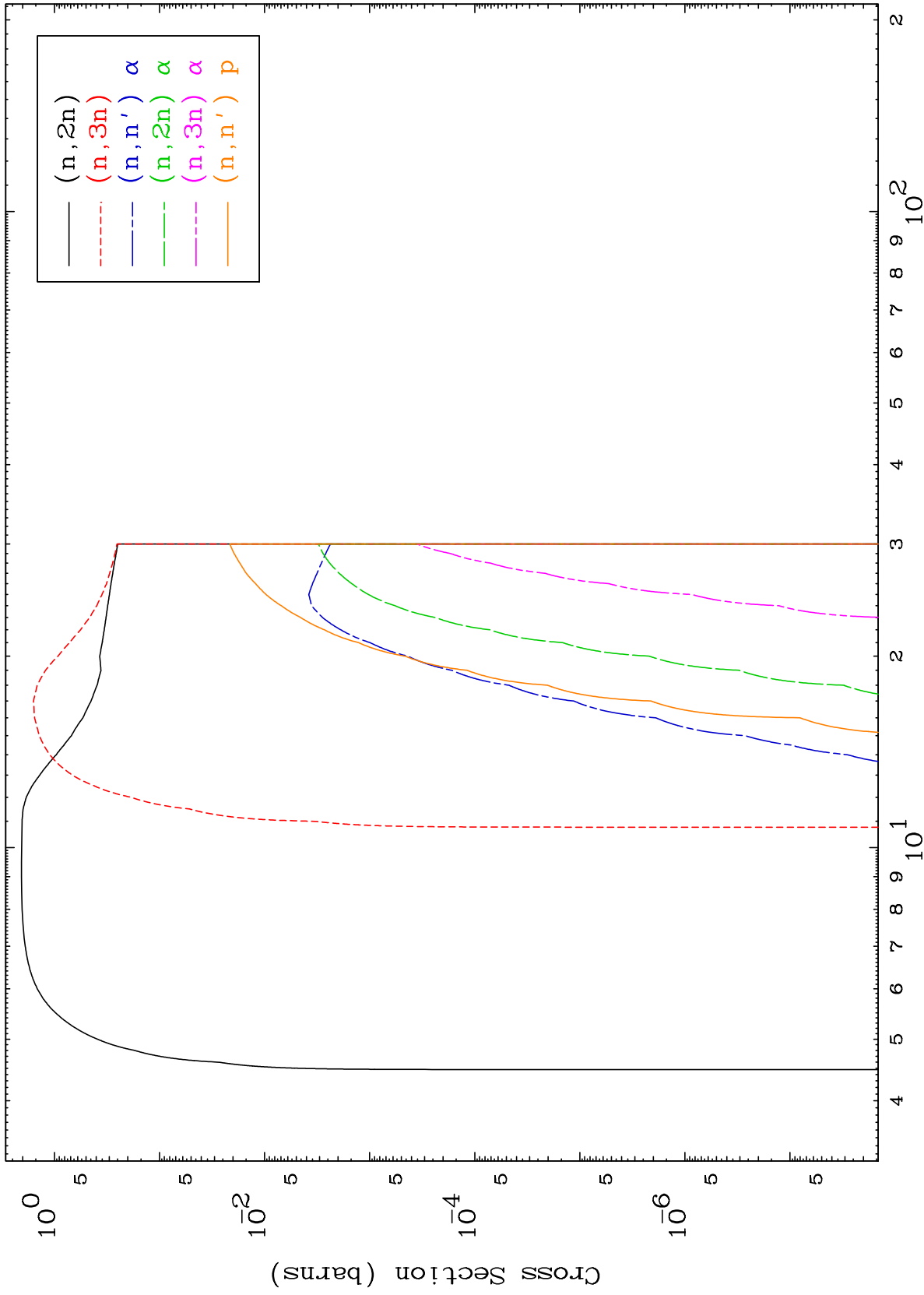
58-Ce-151



MAT 5870

Neutron Production
293 Kelvin Cross Sections

58-Ce-151



2

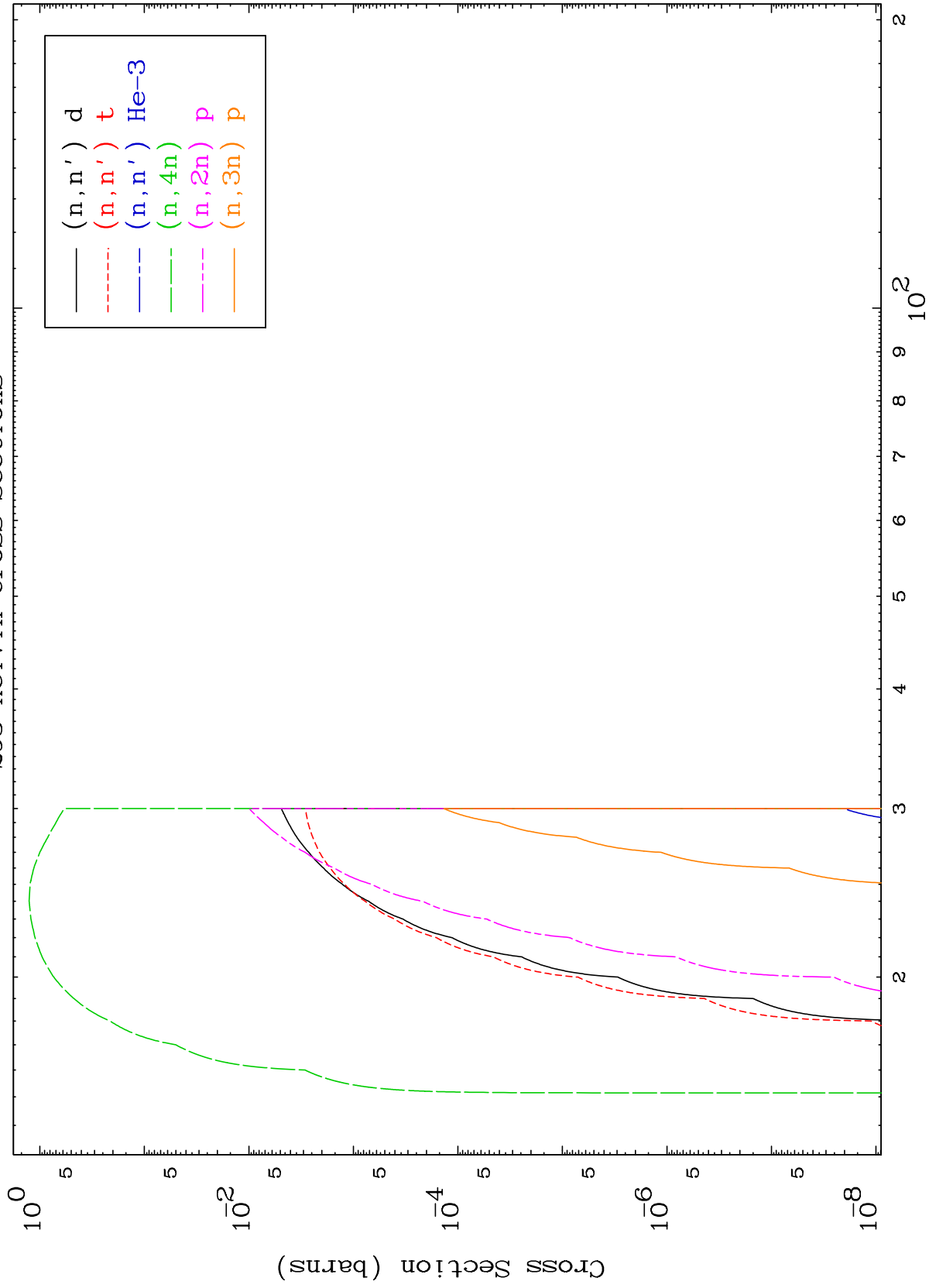
Incident Energy (MeV)

58-Ce-151

MAT 5870

Neutron Production
293 Kelvin Cross Sections

58-Ce-151



3

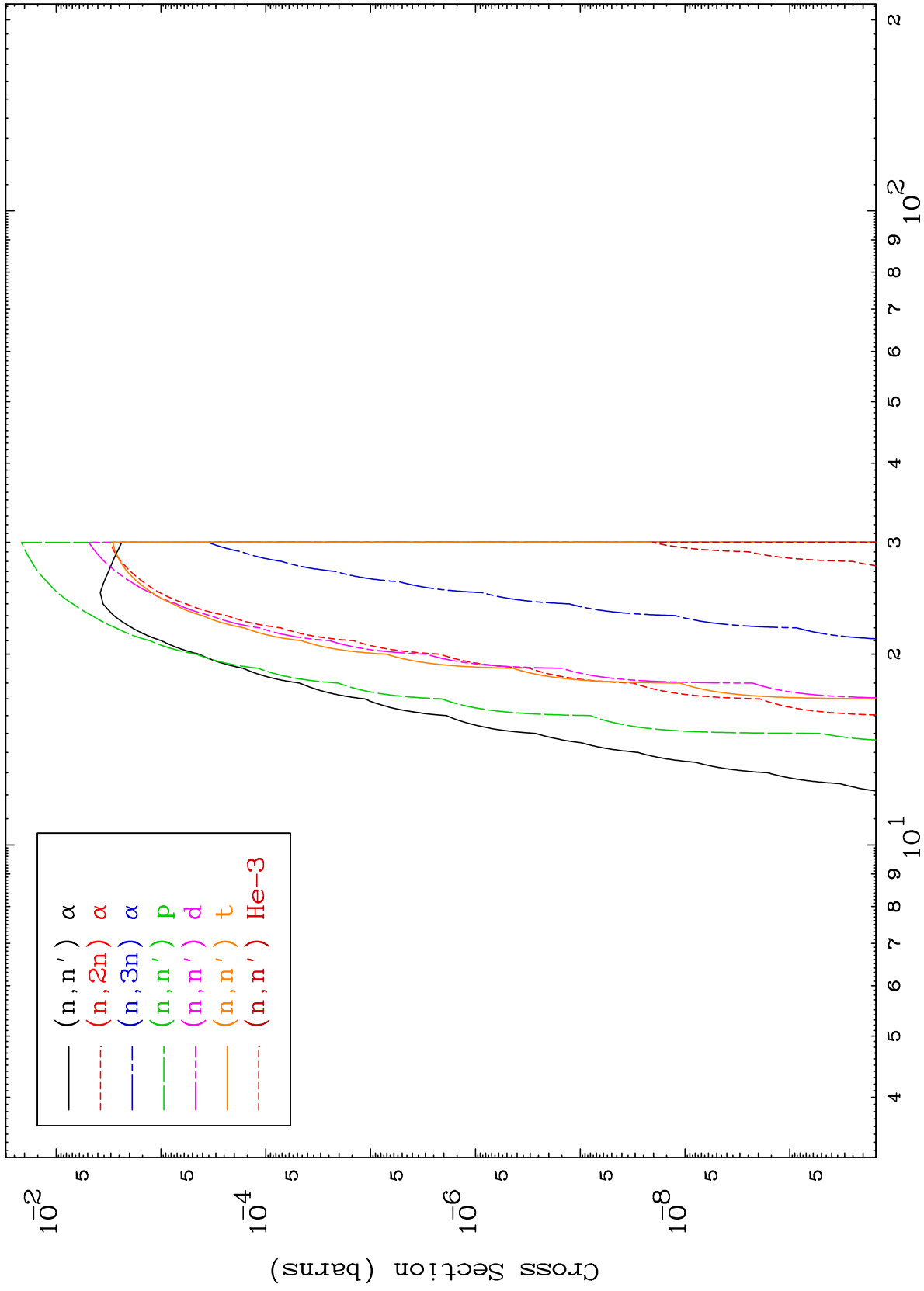
Incident Energy (MeV)

58-Ce-151

MAT 5870

Charged Particle
293 Kelvin Cross Sections

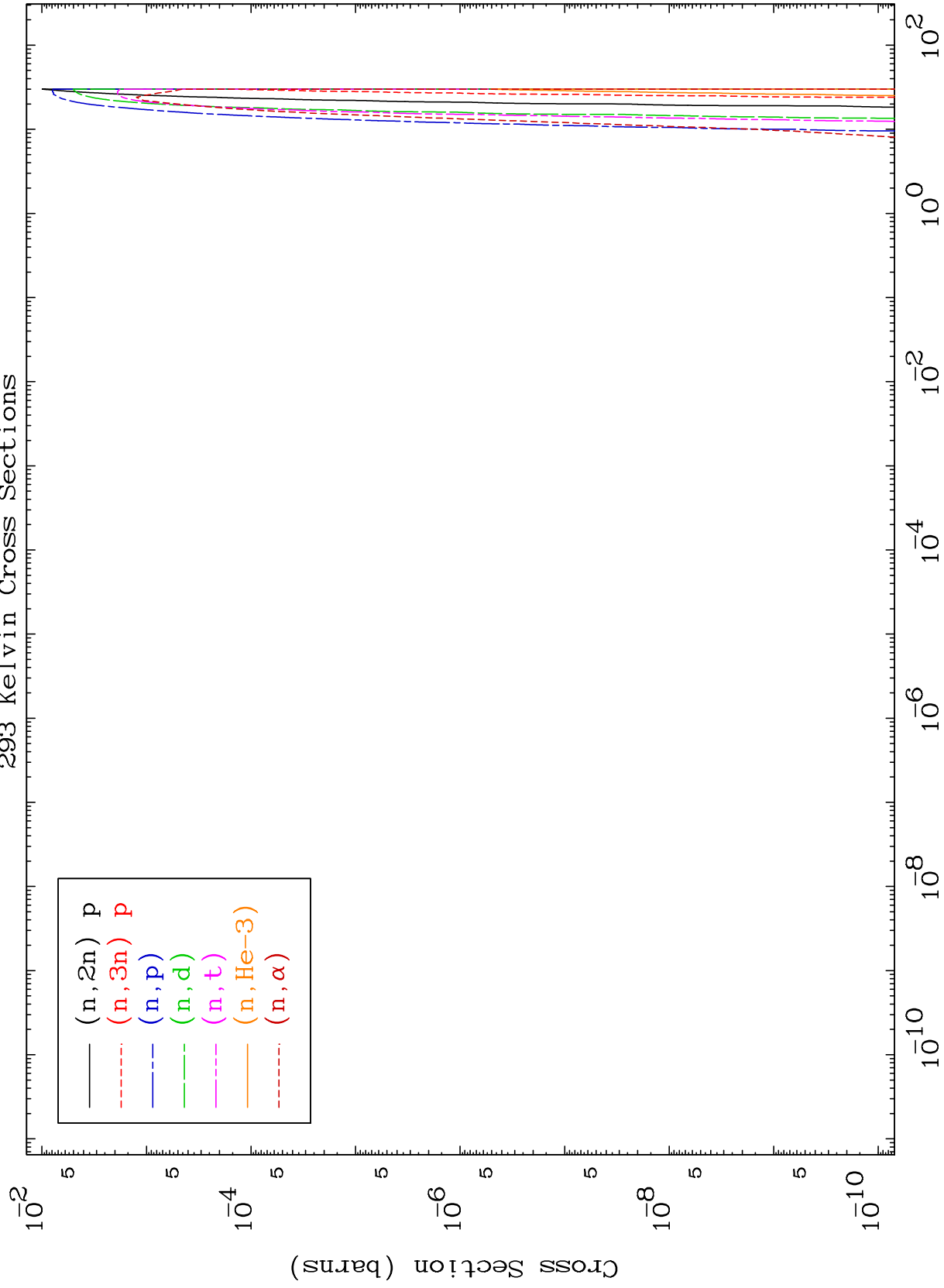
58-Ce-151



MAT 5870

Charged Particle
293 Kelvin Cross Sections

58-Ce-151



5

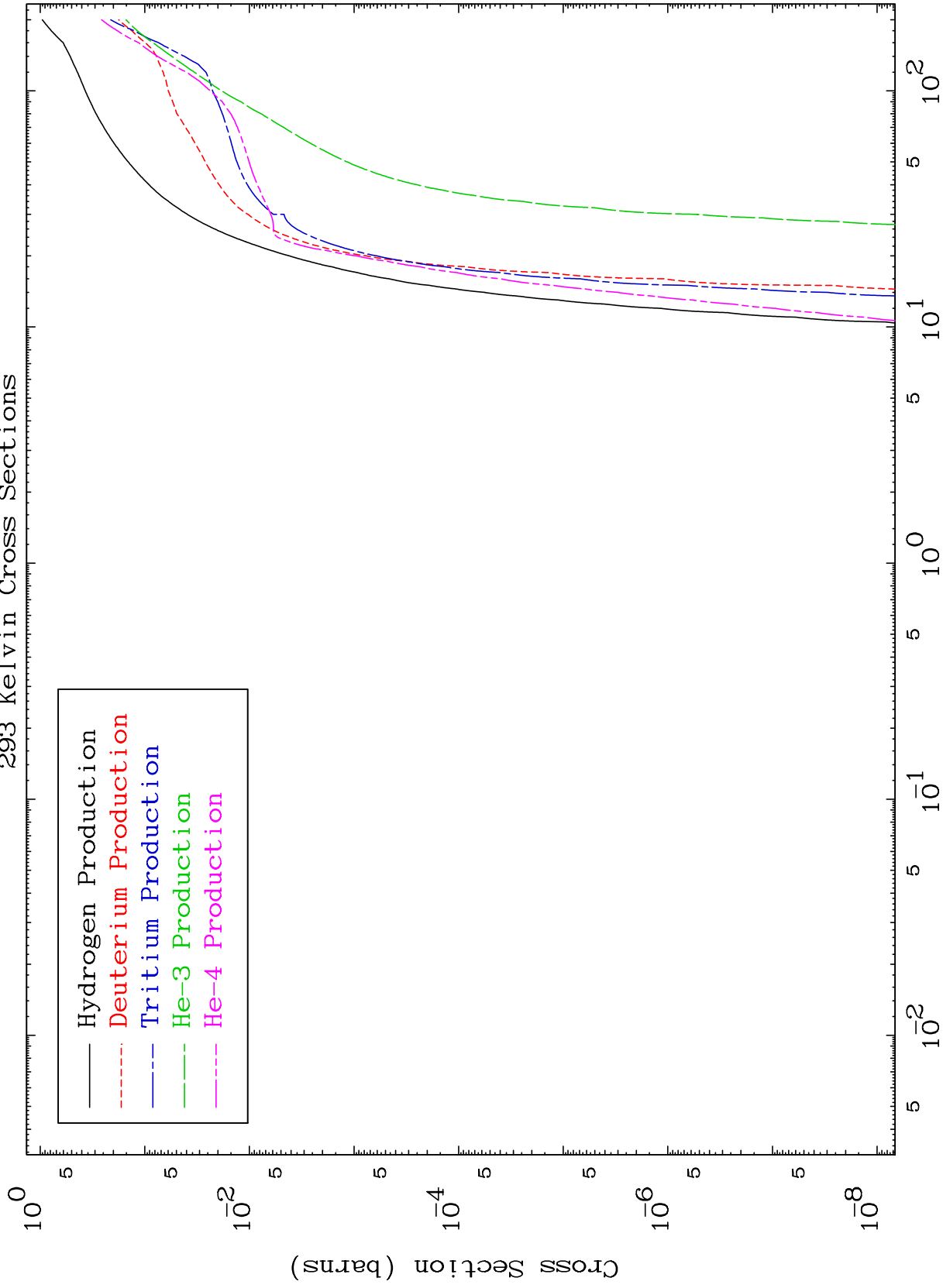
Incident Energy (MeV)

58-Ce-151

MAT 5870

Particle Production
293 Kelvin Cross Sections

58-Ce-151



6

Incident Energy (MeV)

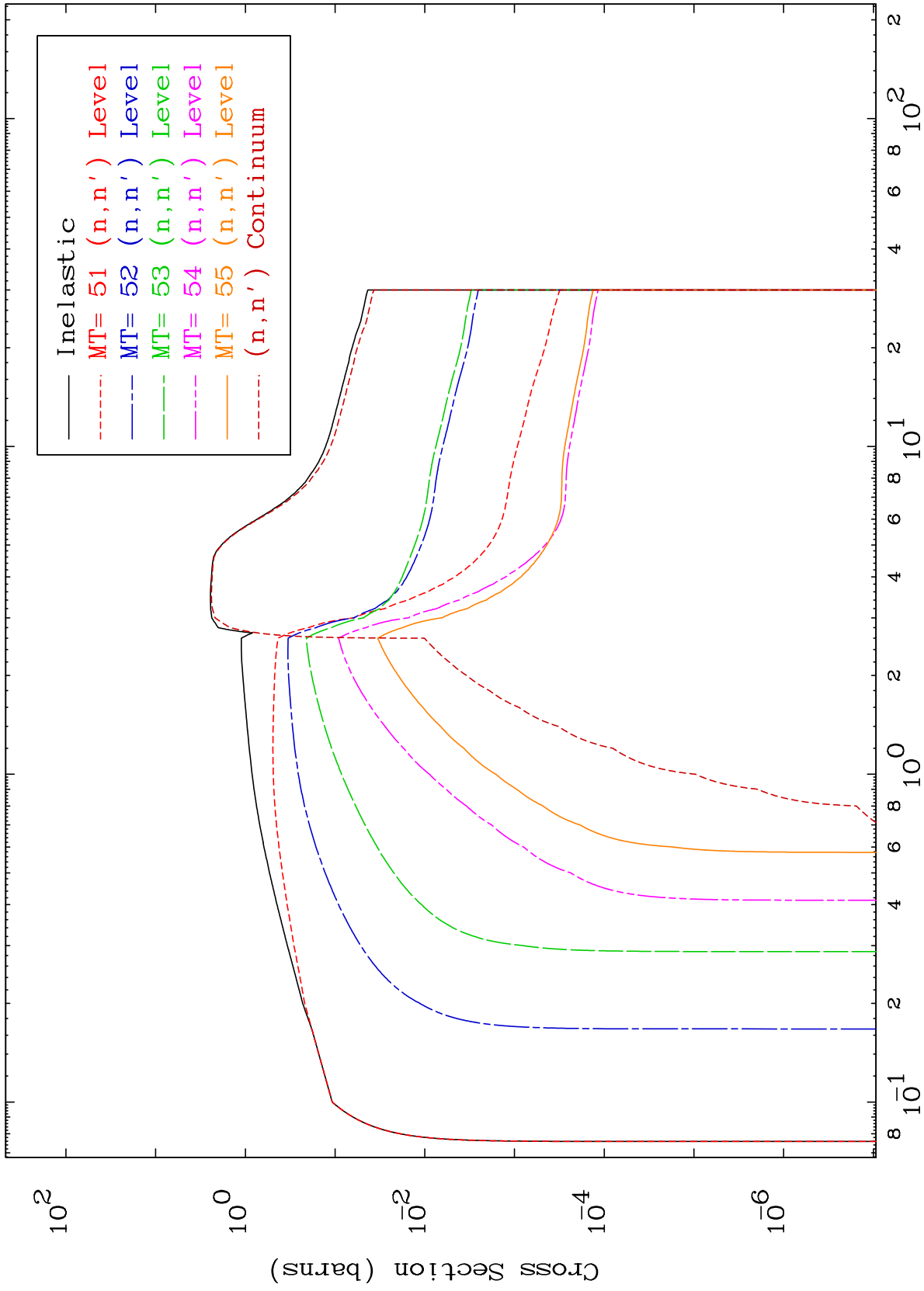
58-Ce-151

MAT 5870

(n,n') Level

58-Ce-151

293 Kelvin Cross Sections



7

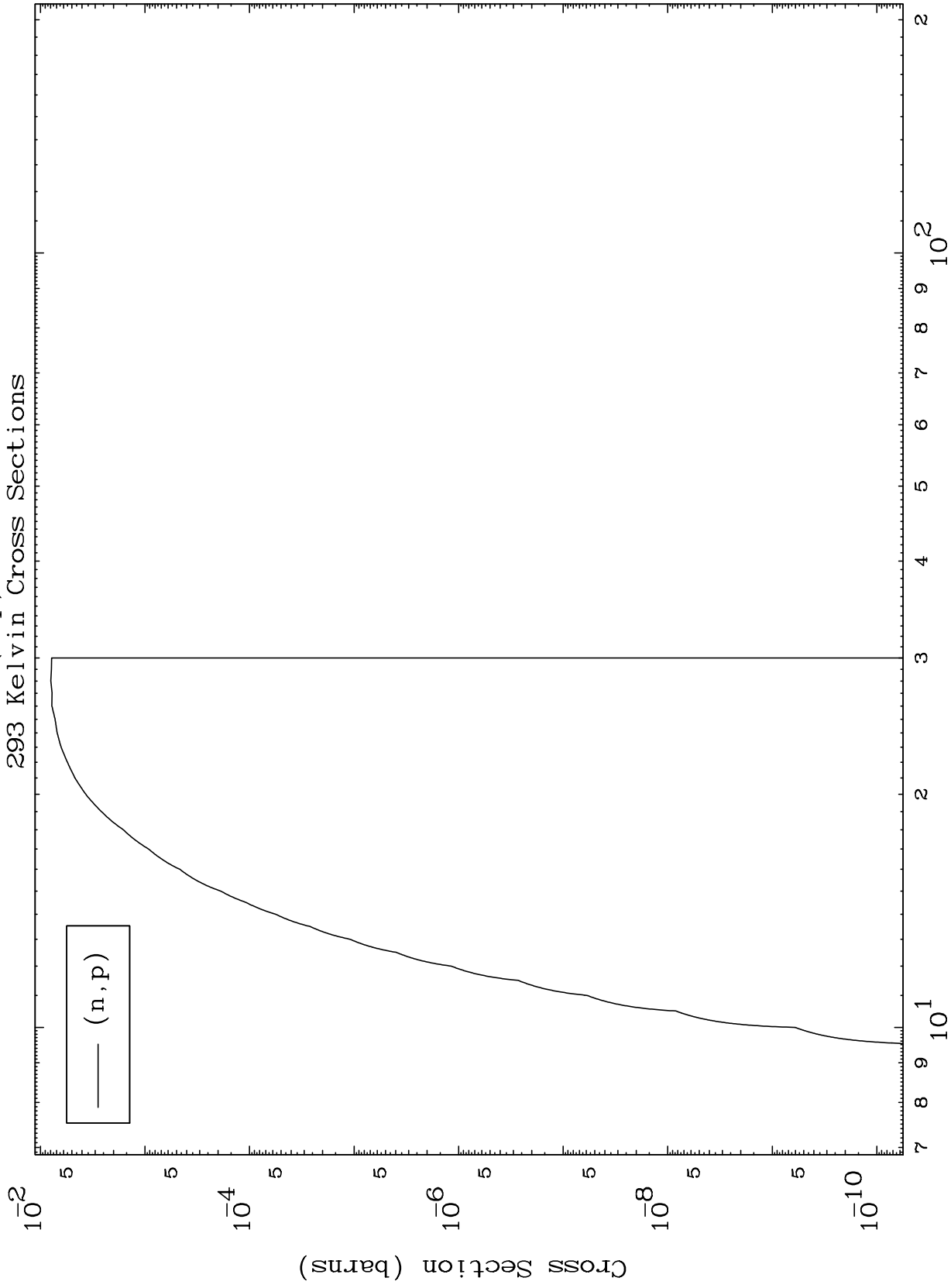
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-151



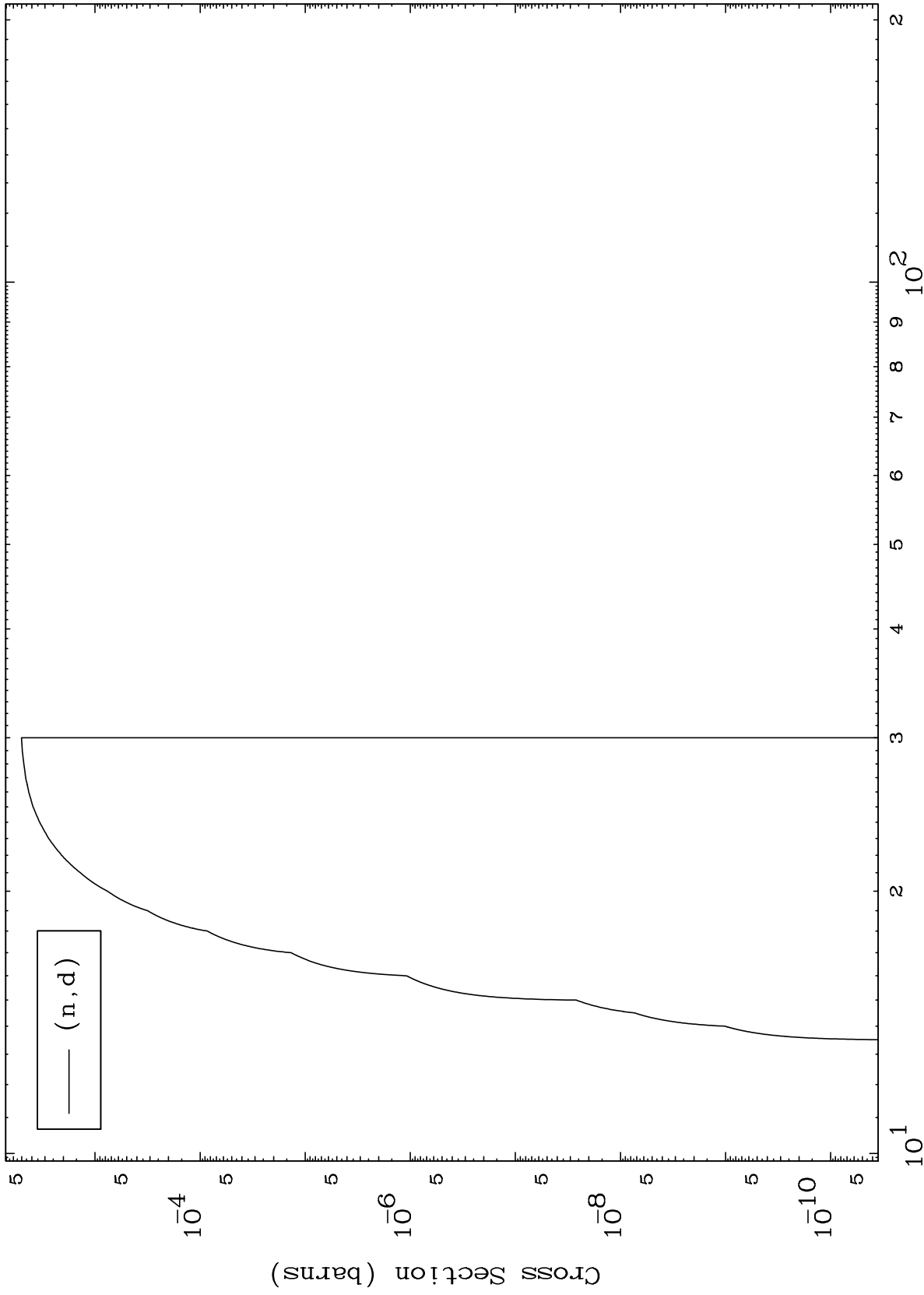
8

58-Ce-151

MAT 5870

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-151



9

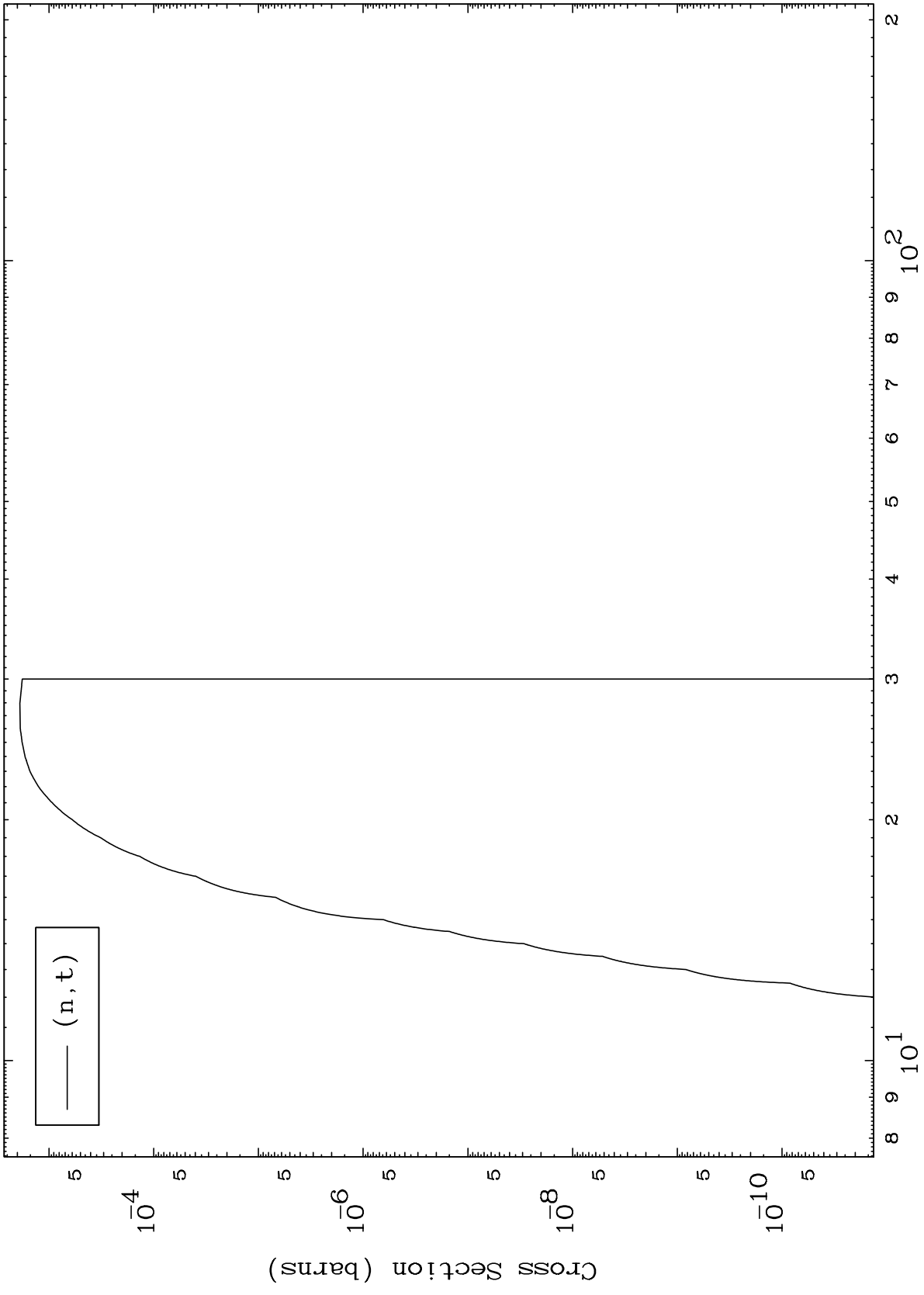
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-151



10

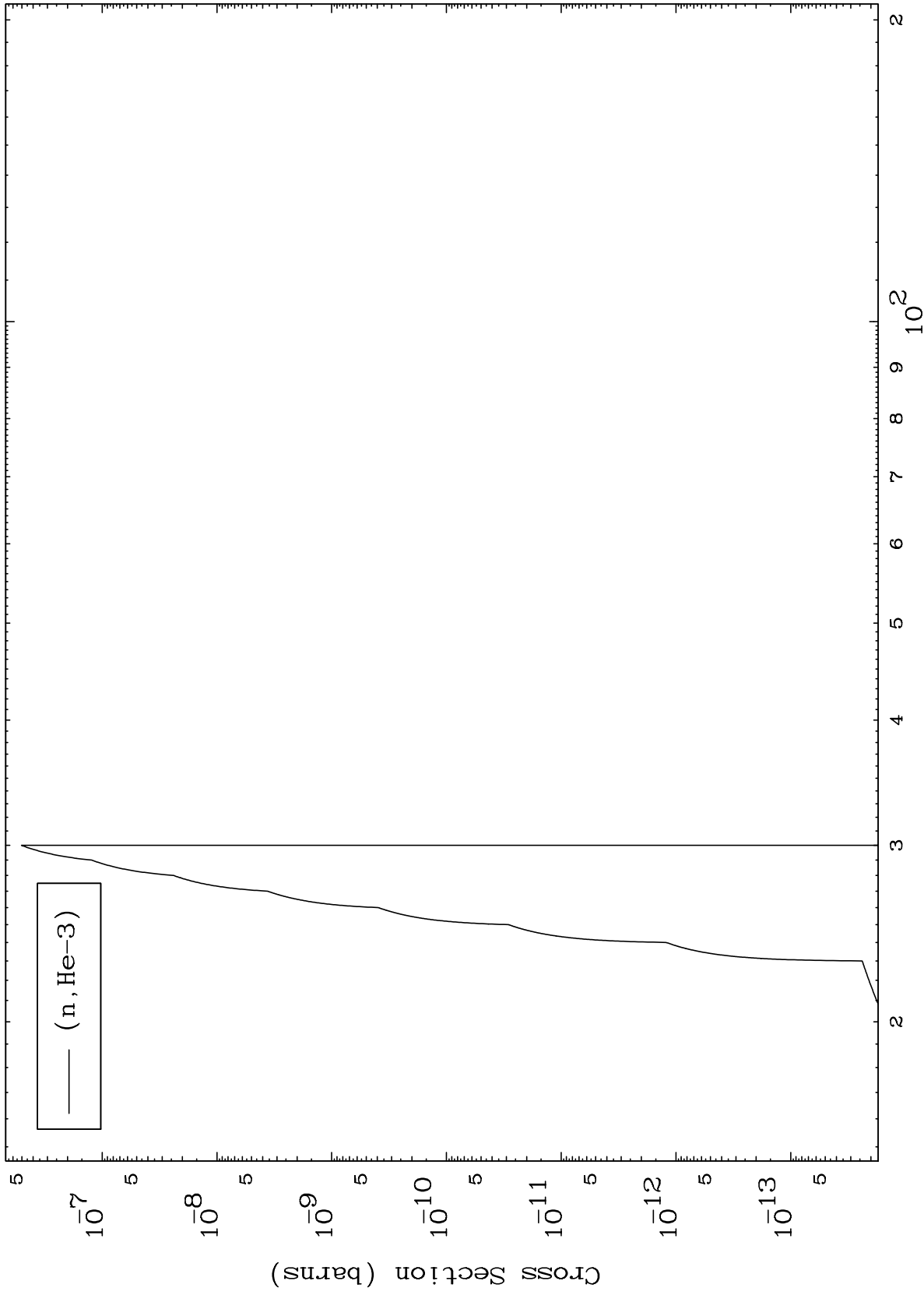
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-151



11

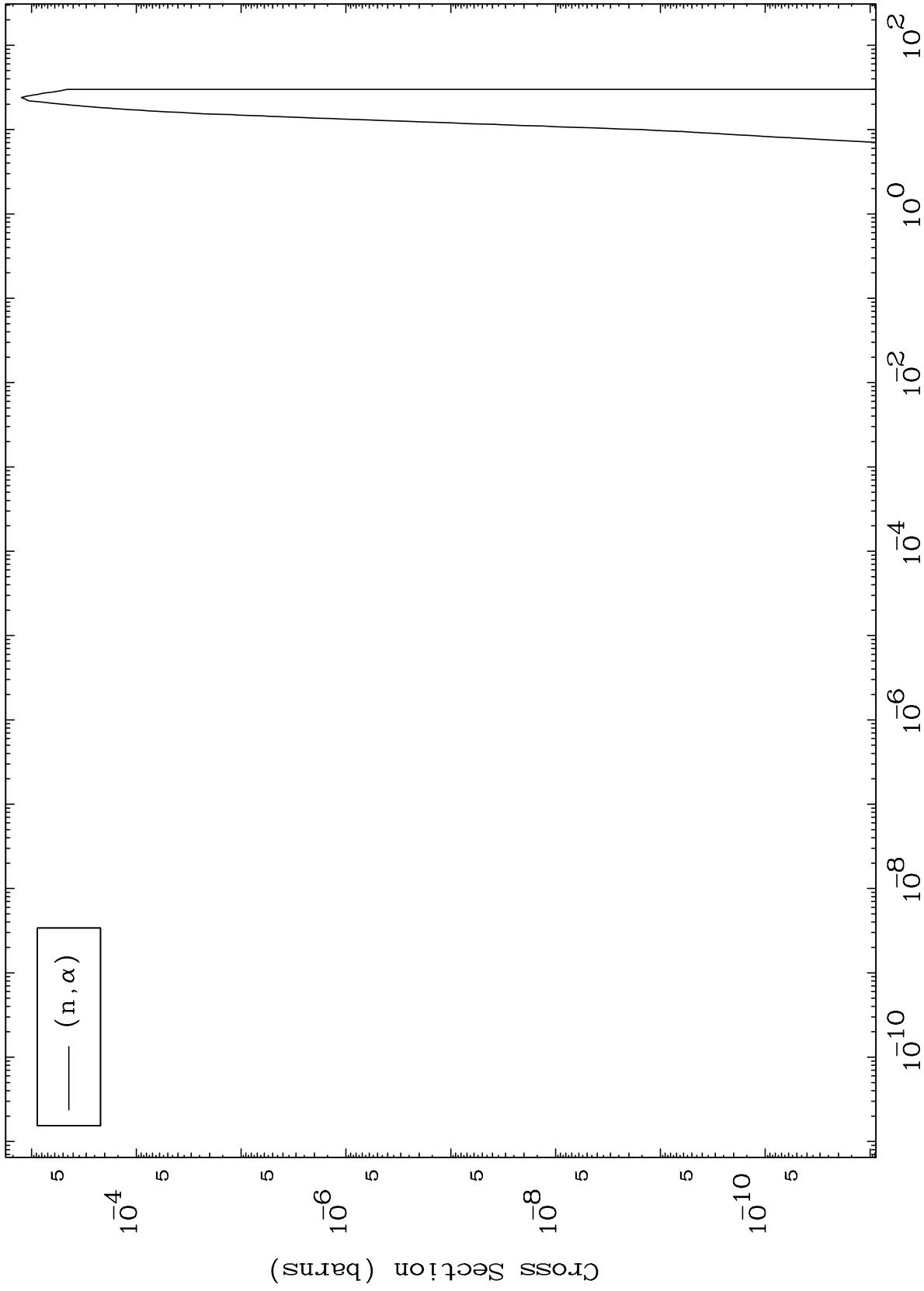
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,α) Levels
293 Kelvin Cross Sections

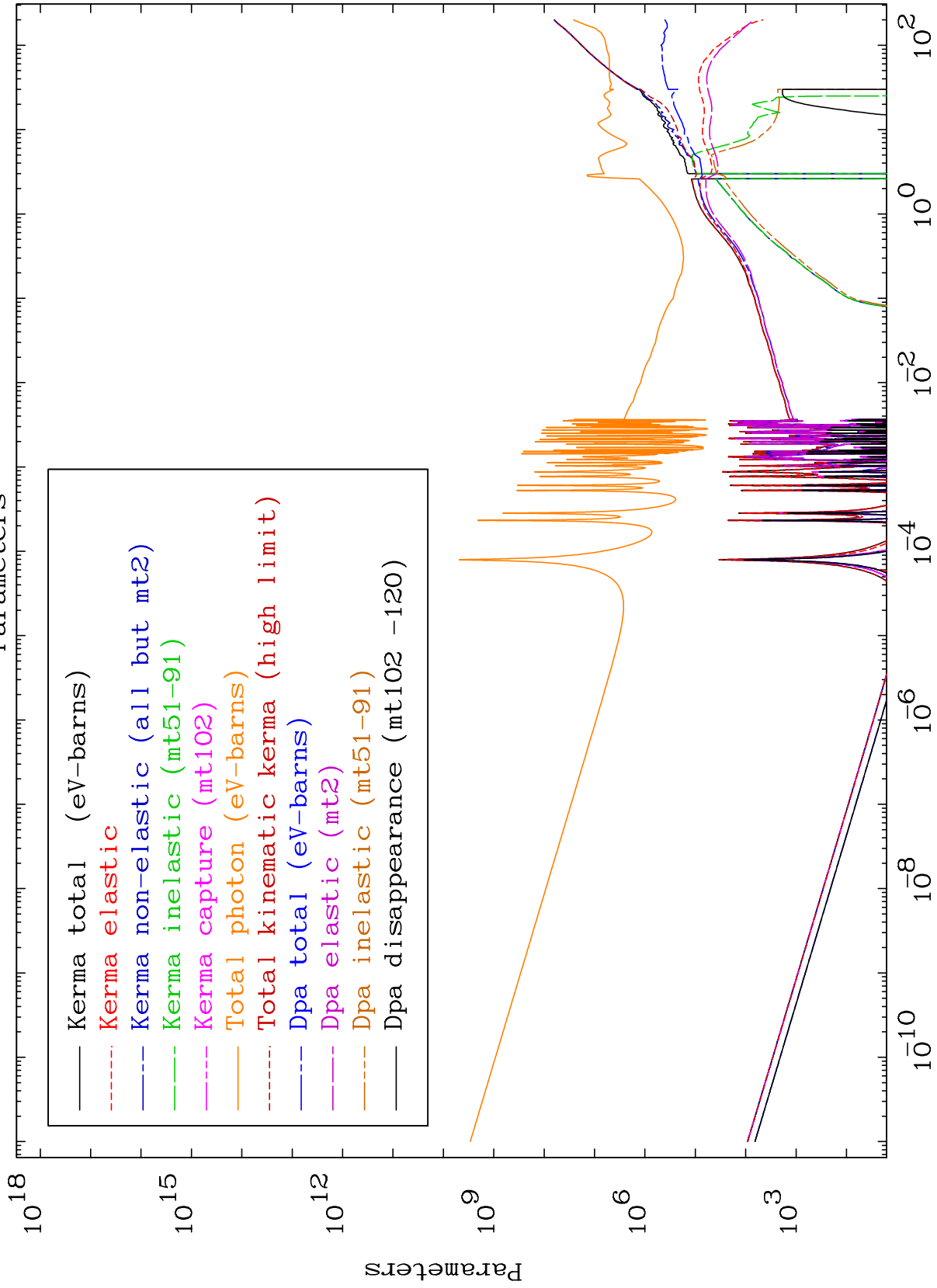
58-Ce-151

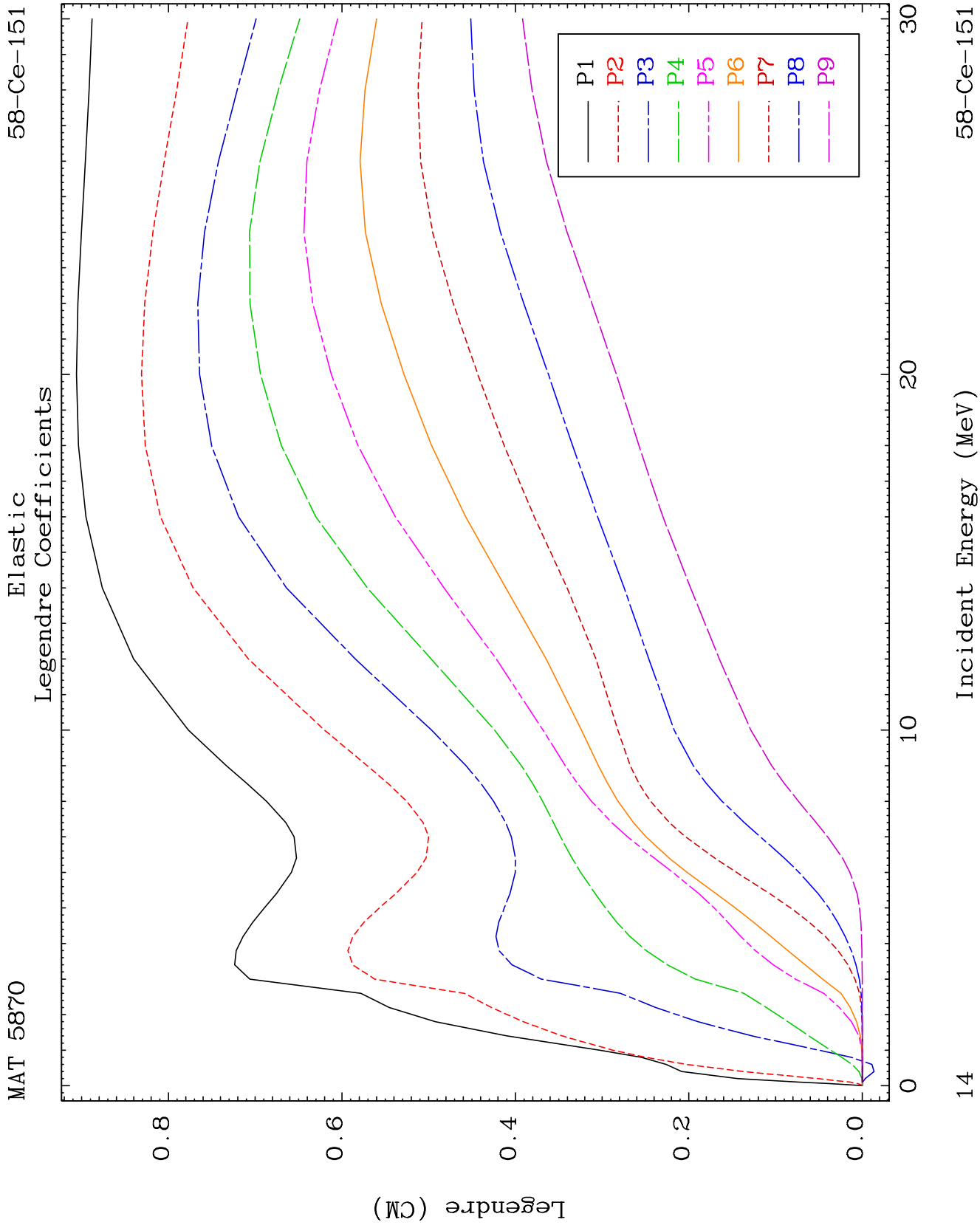


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Incident Energy (MeV)

58-Ce-151

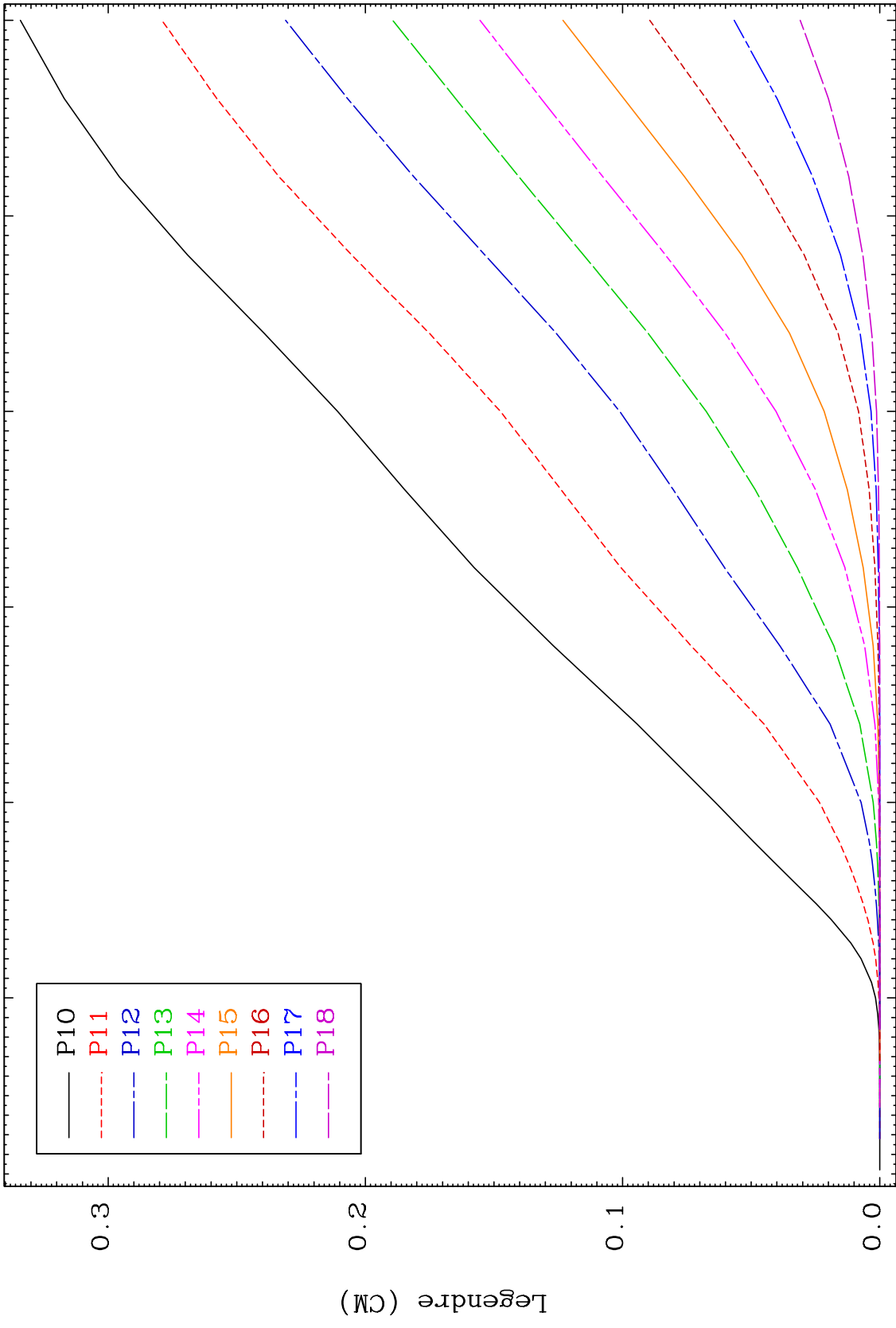




MAT 5870

Elastic Legendre Coefficients

58-Ce-151



15

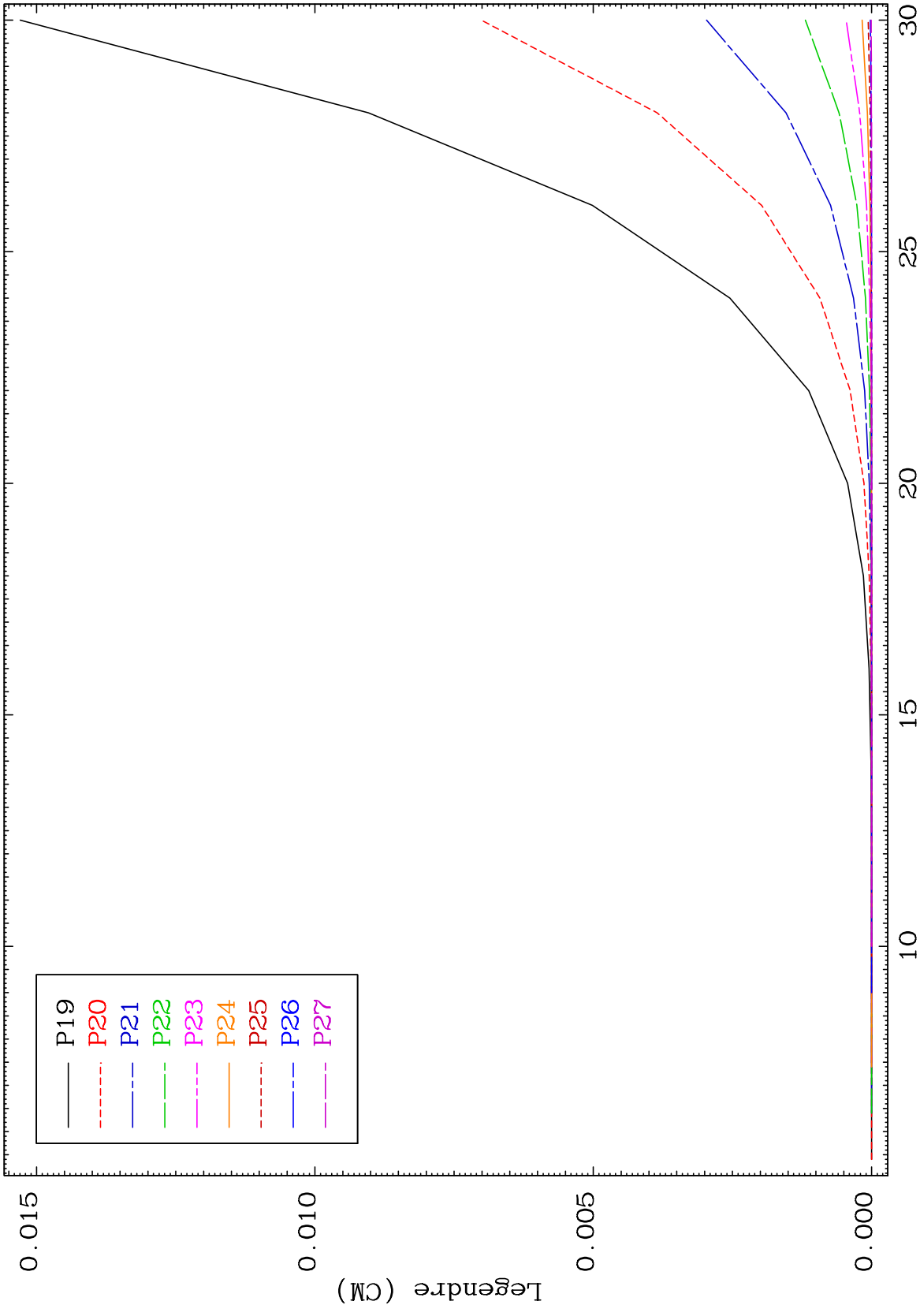
Incident Energy (MeV)

58-Ce-151

MAT 5870

Elastic Legendre Coefficients

58-Ce-151



16

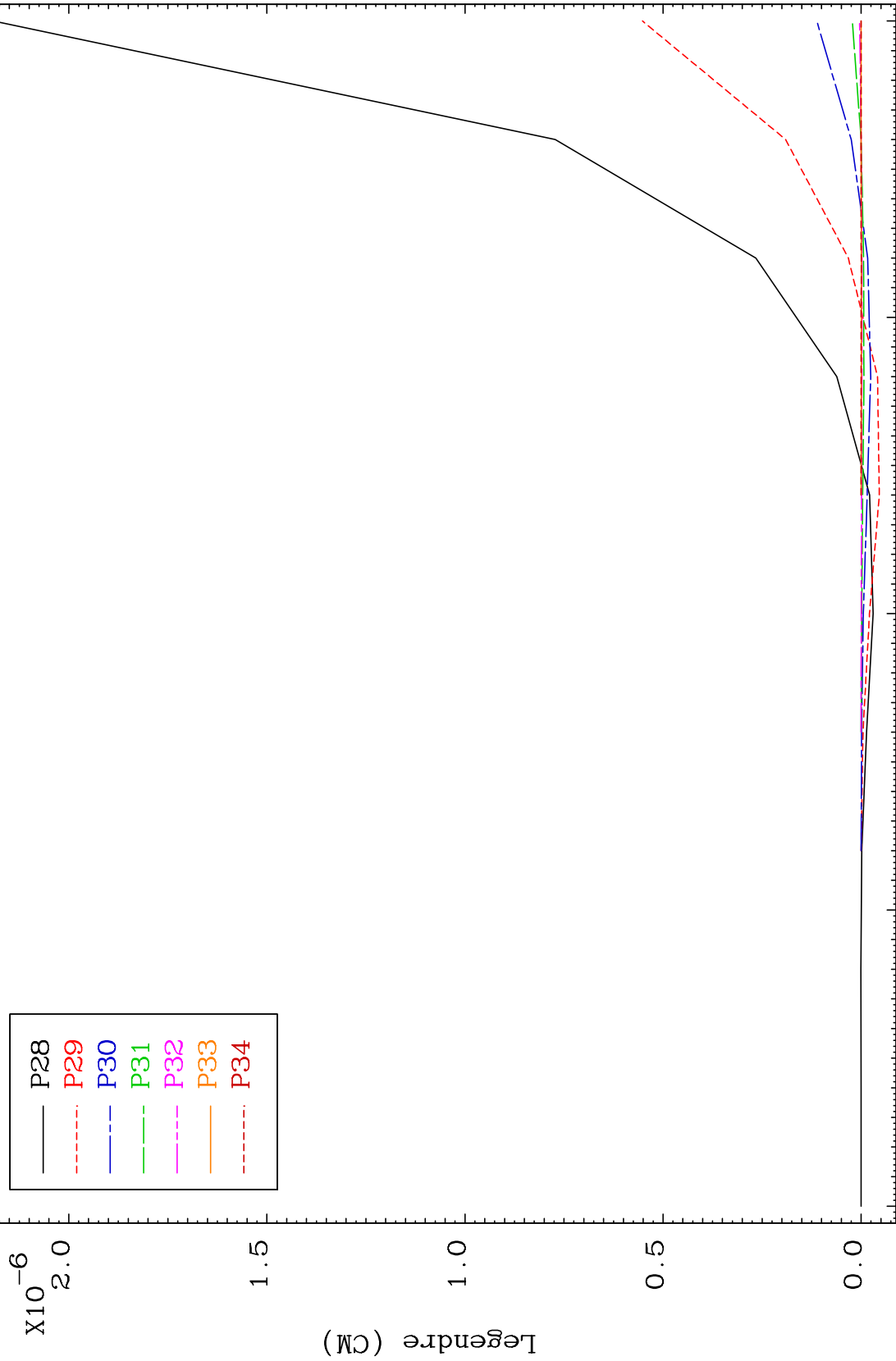
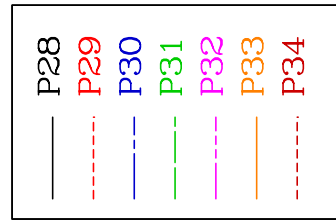
Incident Energy (MeV)

58-Ce-151

MAT 5870

Elastic Legendre Coefficients

58-Ce-151

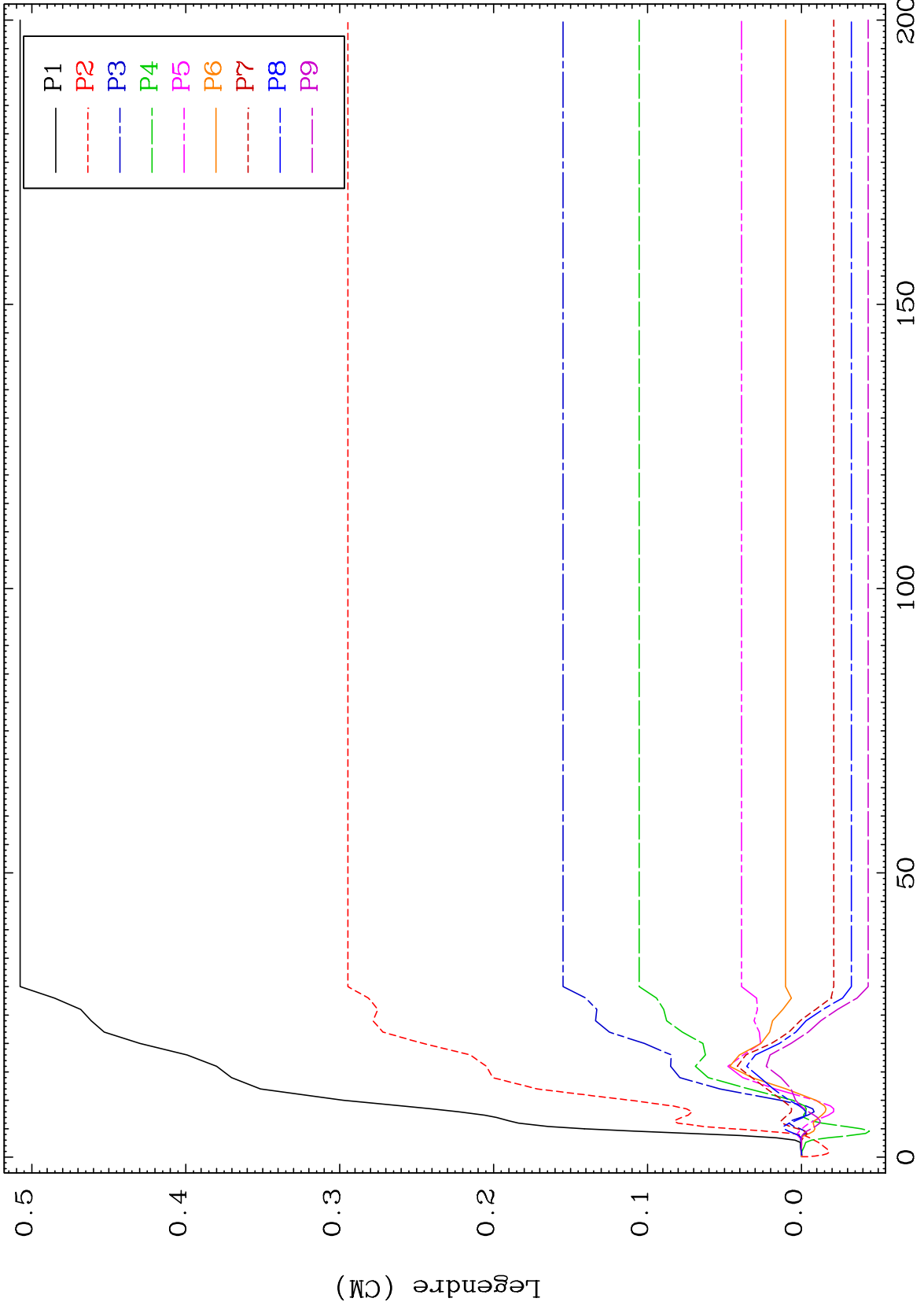


17

Incident Energy (MeV)

58-Ce-151

MAT 5870 MT= 51 (n,n') Level Legendre Coefficients 58-Ce-151

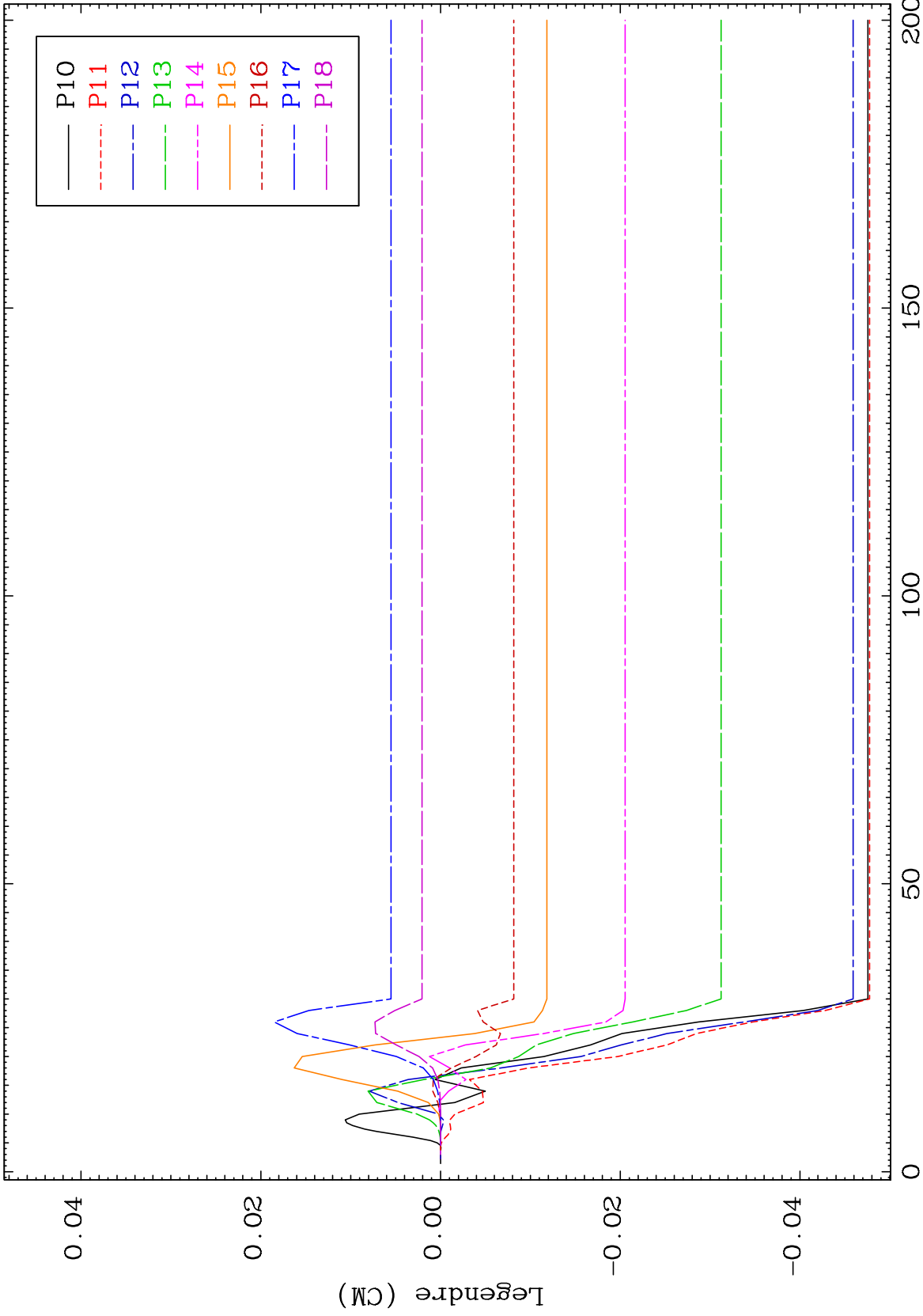


18 58-Ce-151

MAT 5870

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

58-Ce-151



19

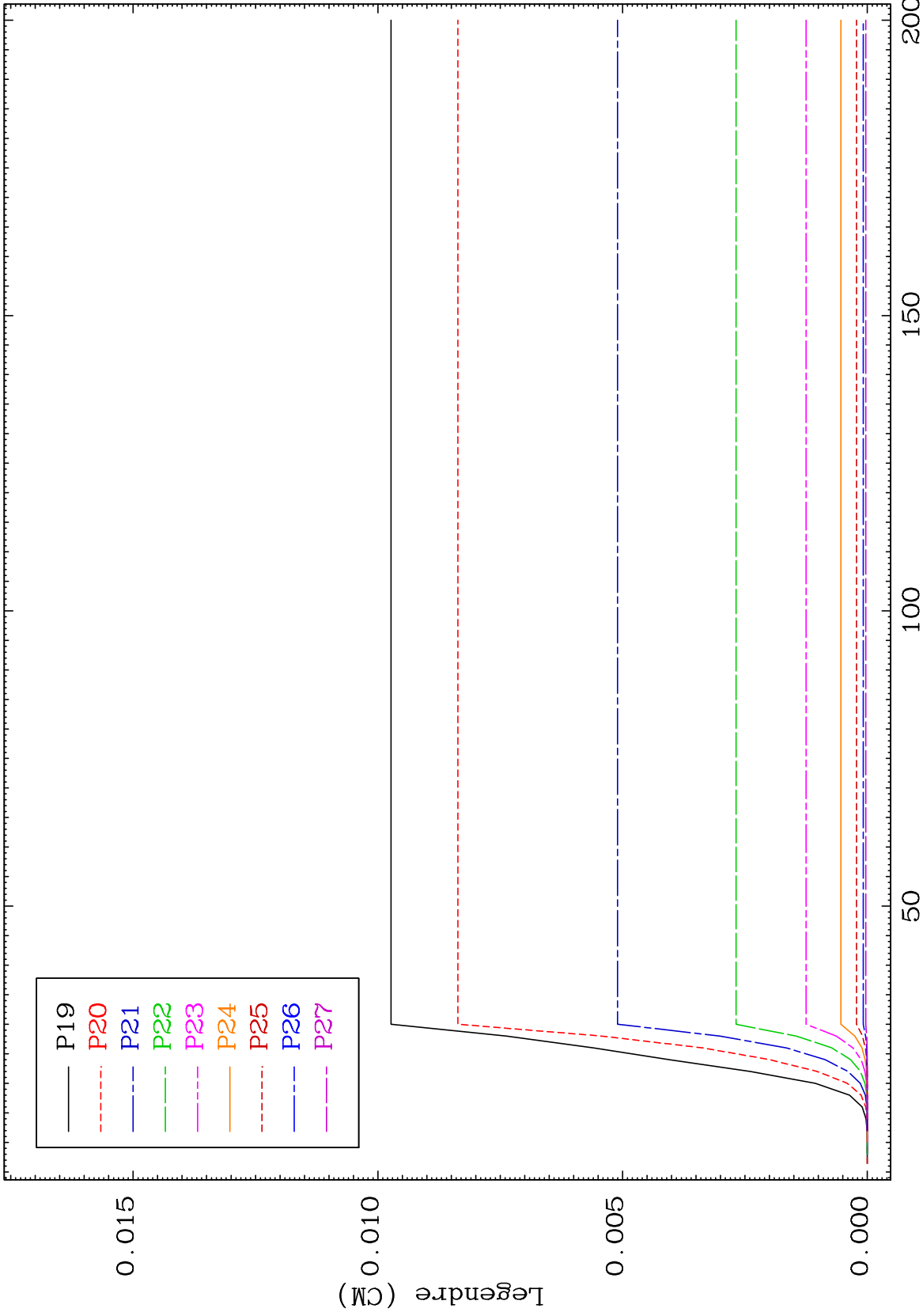
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



20

50

100

150

200

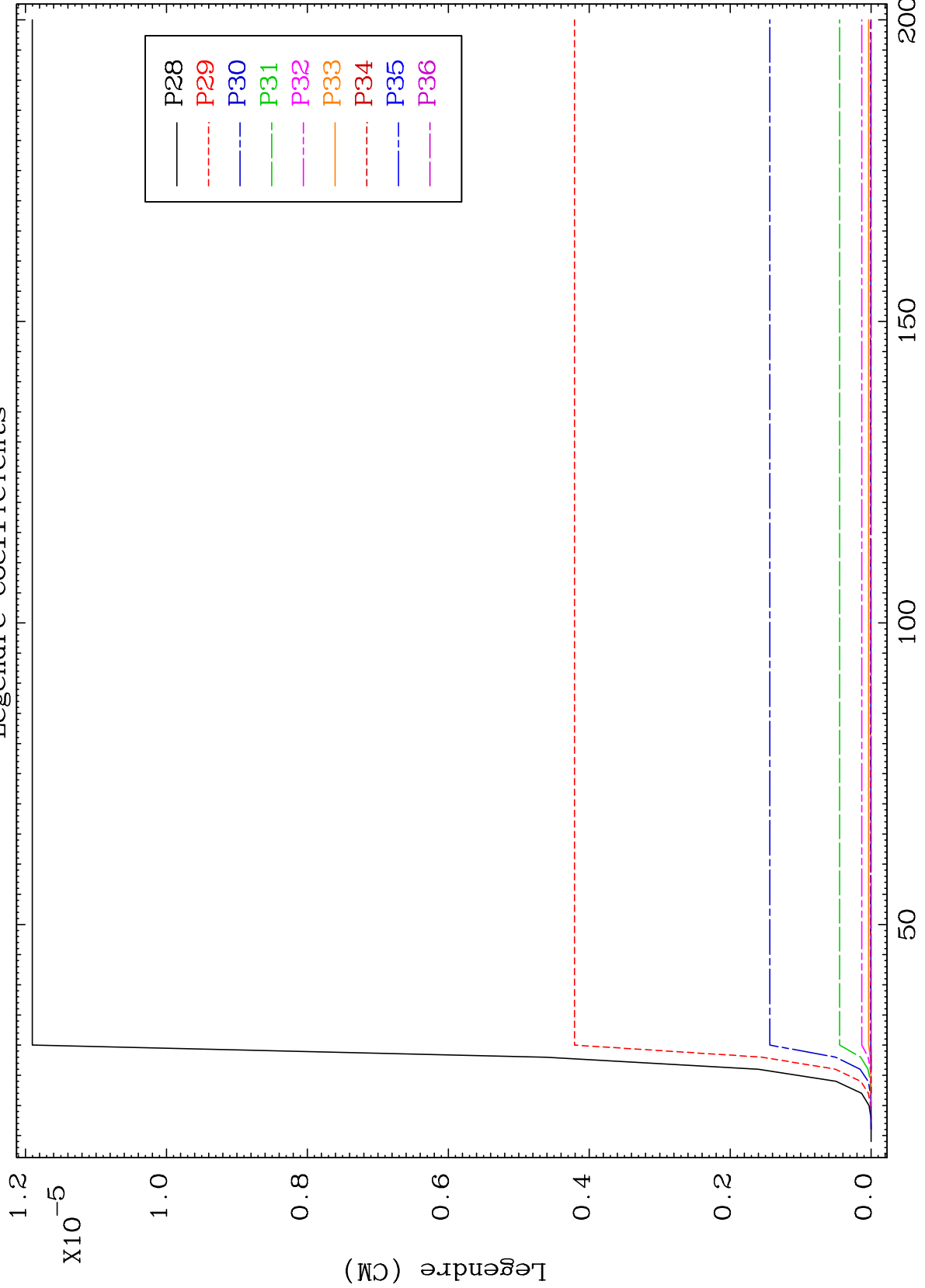
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



21

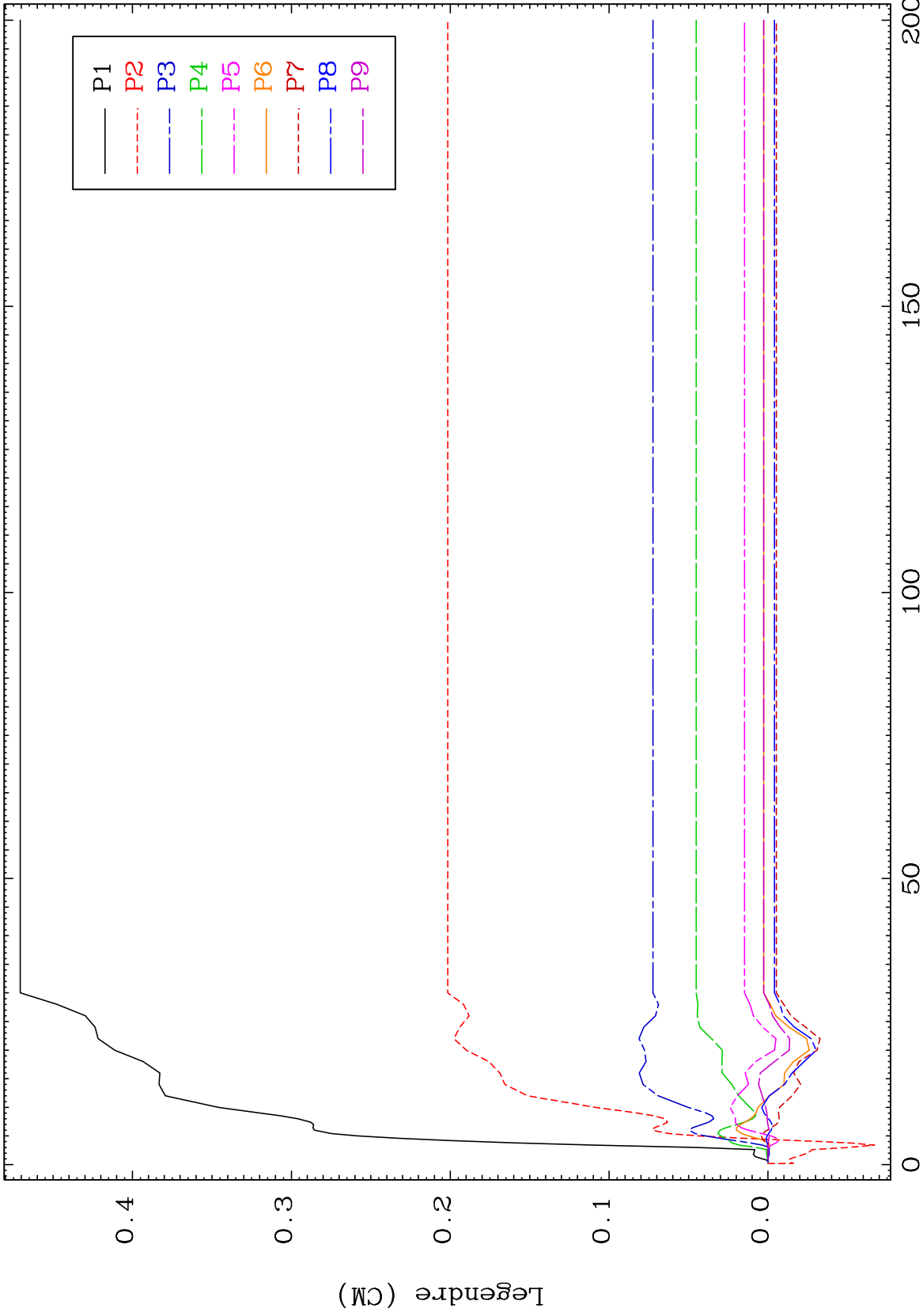
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



22

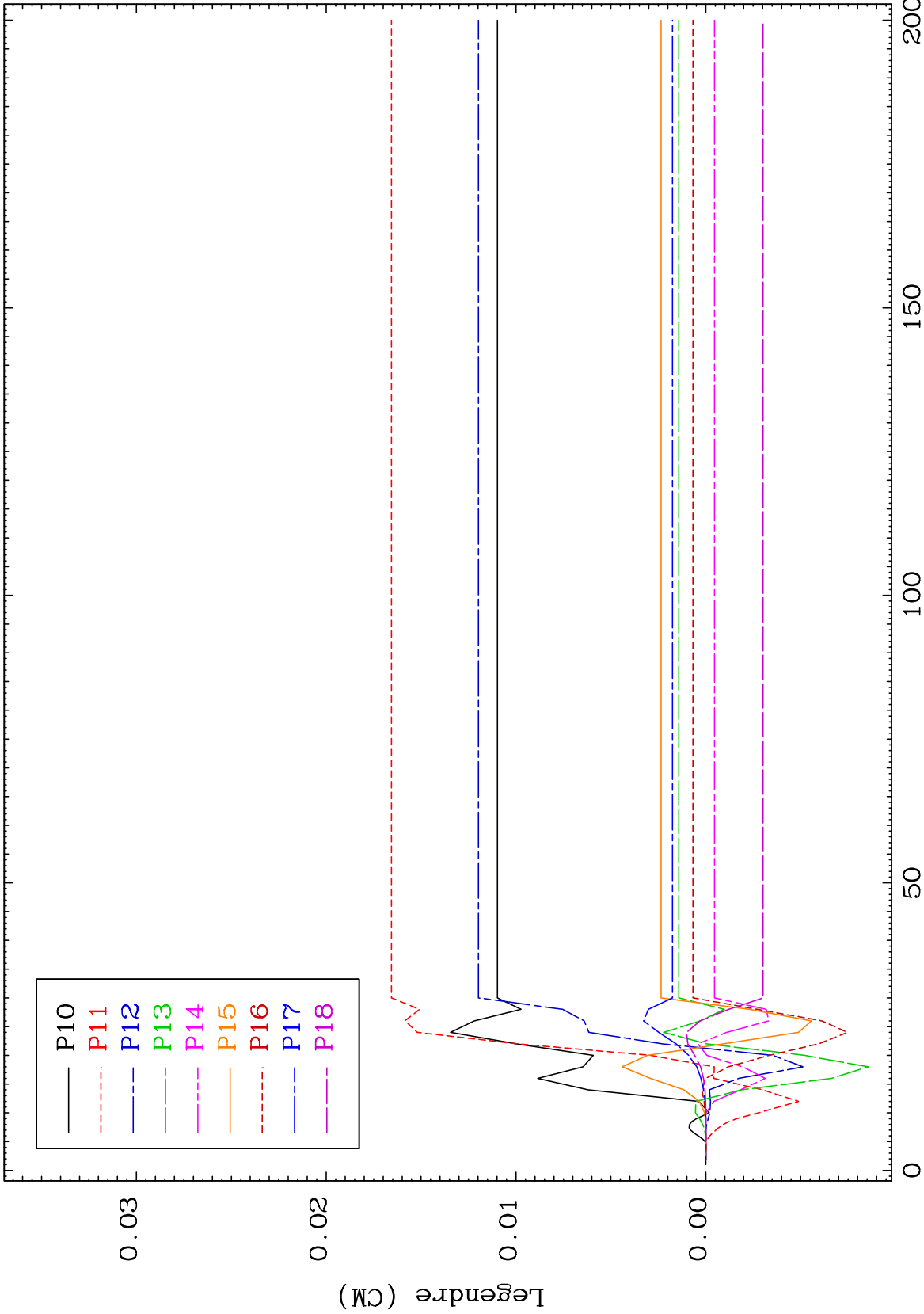
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



23

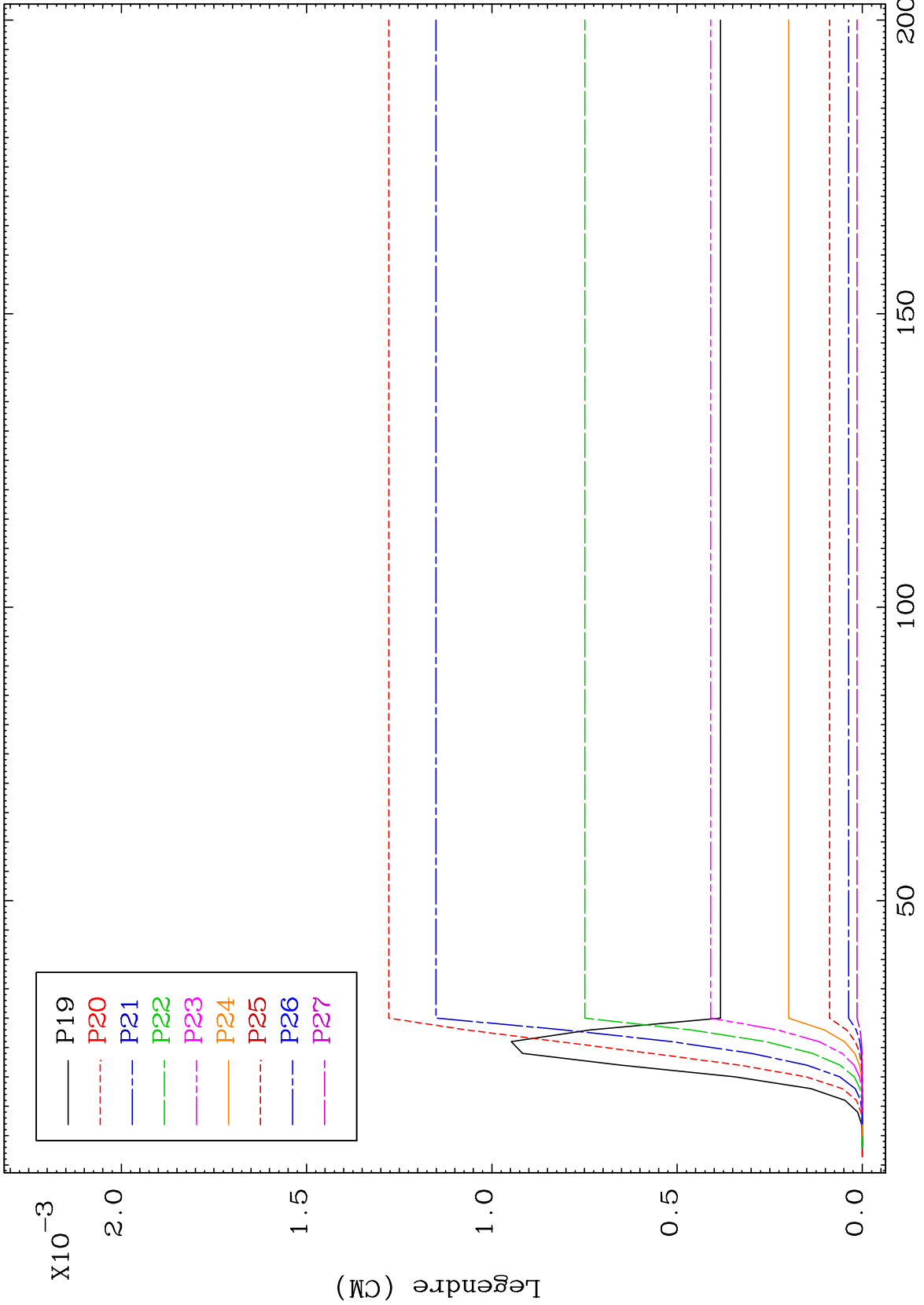
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



24

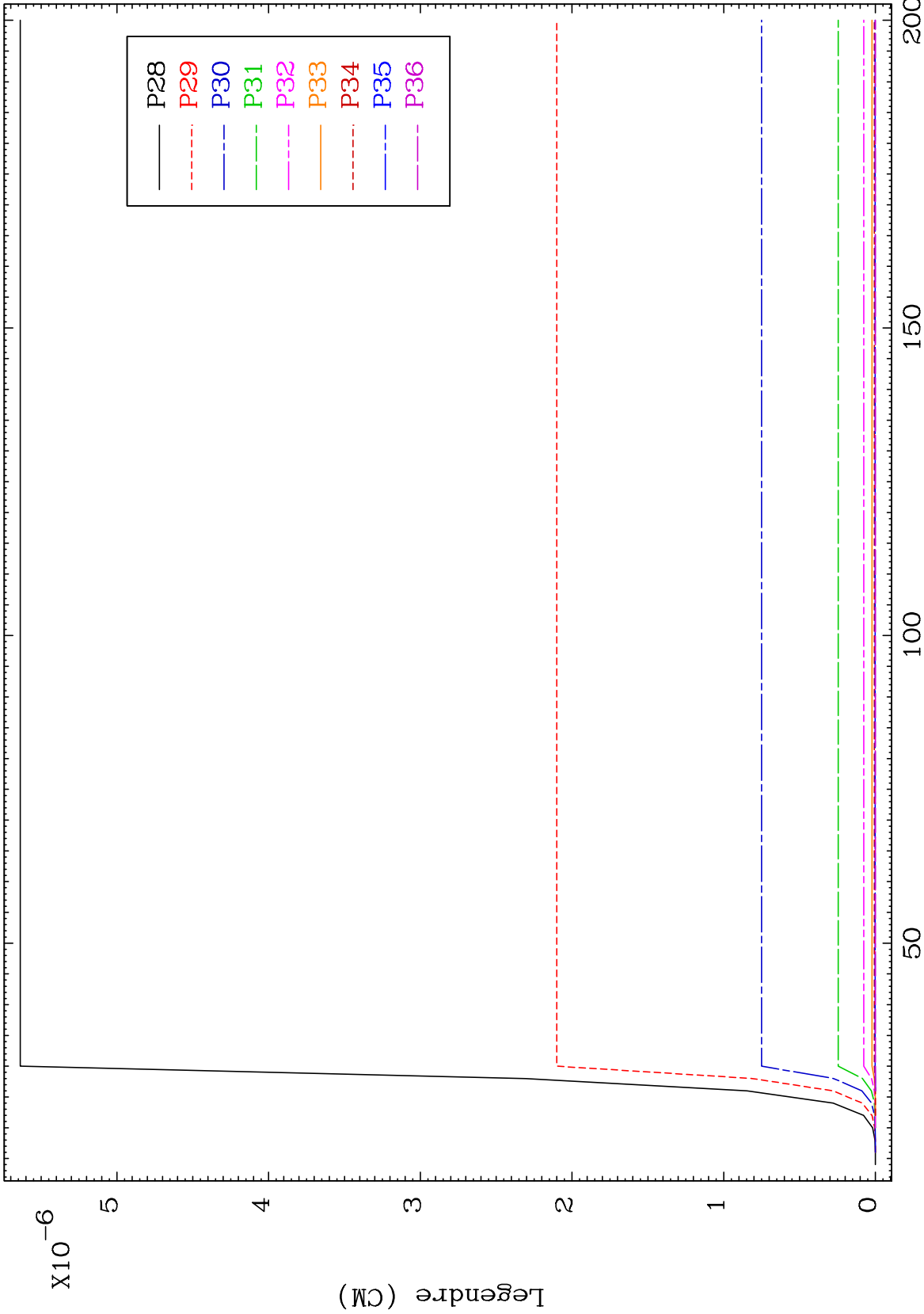
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



25

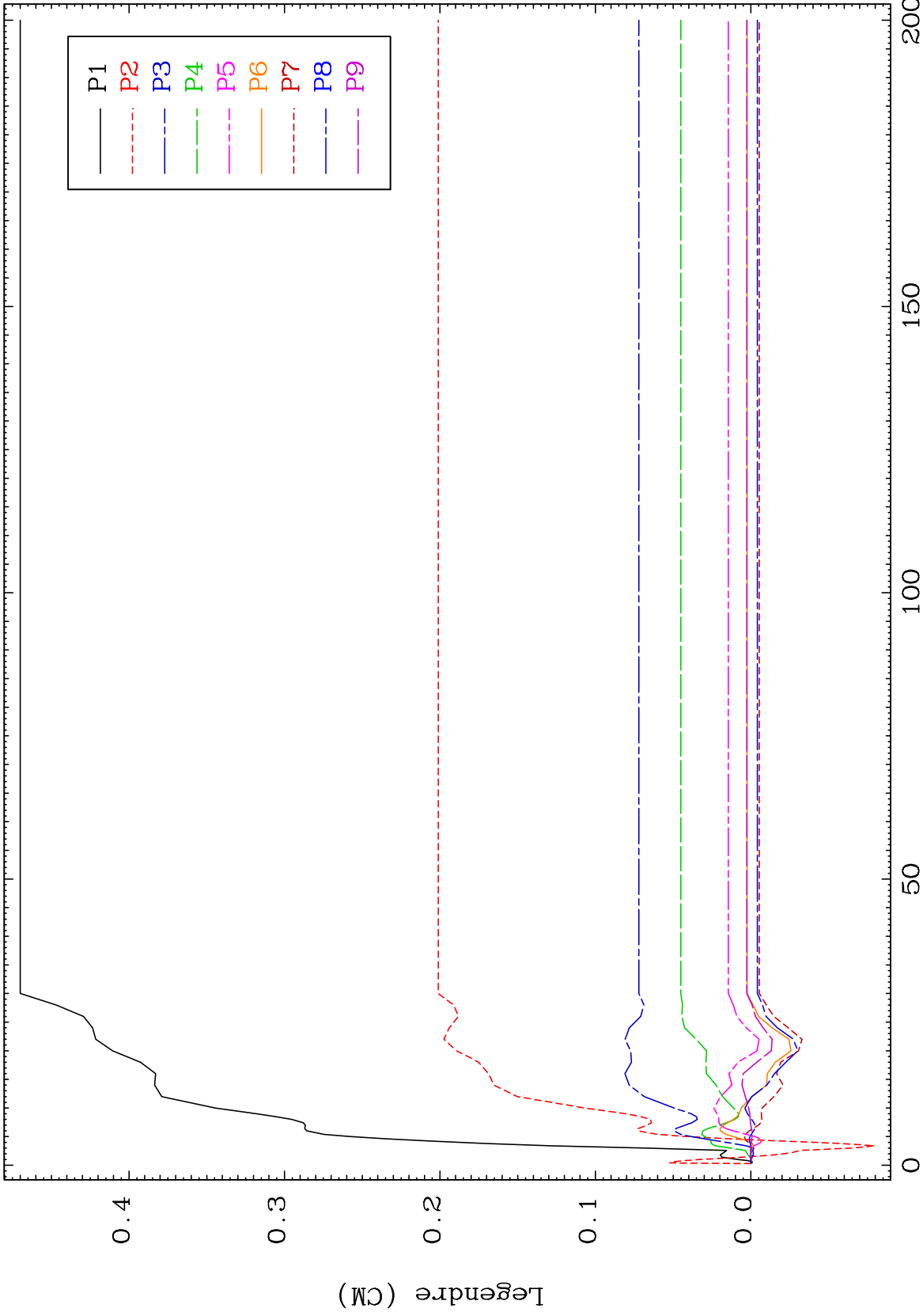
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



26

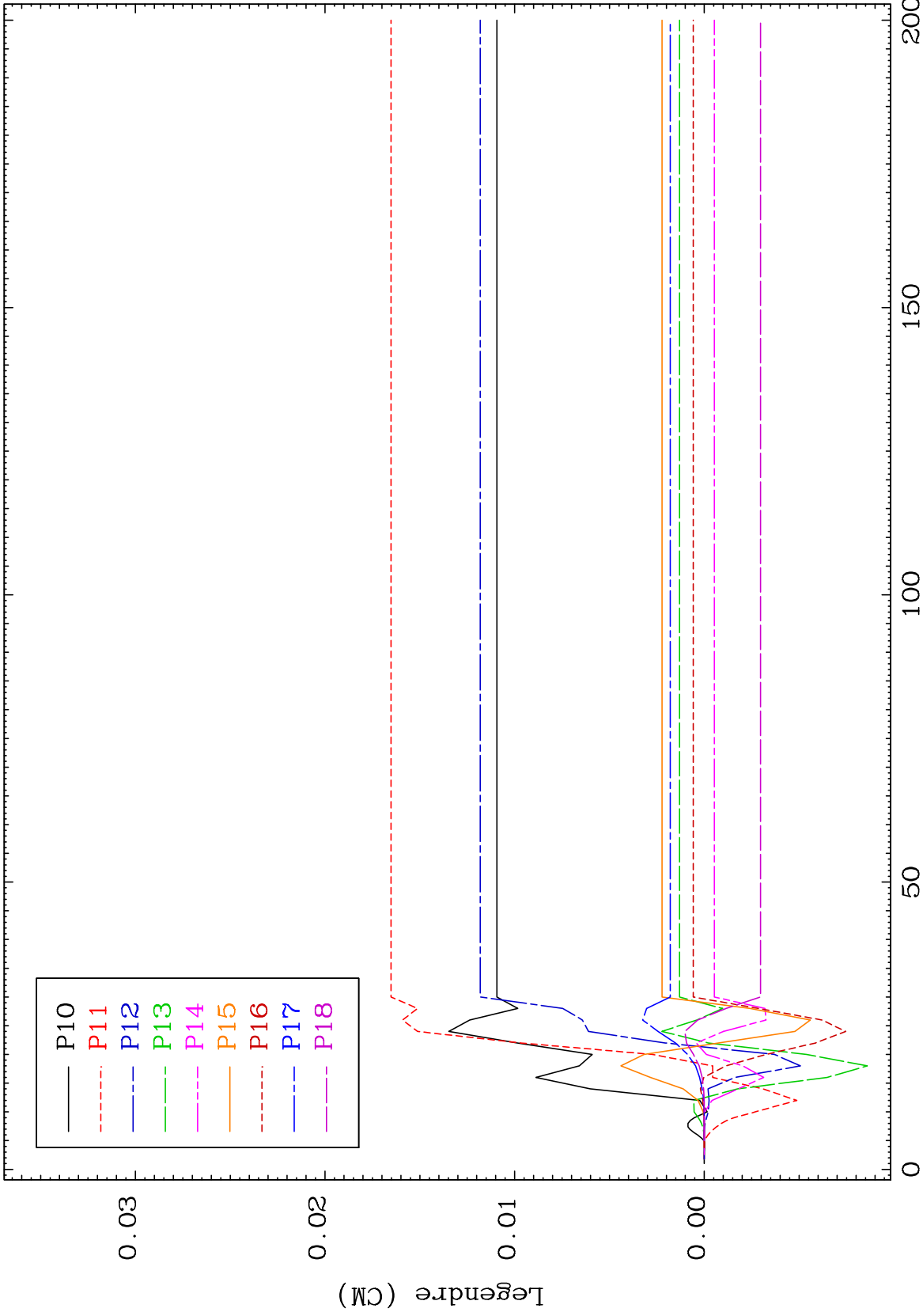
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



27

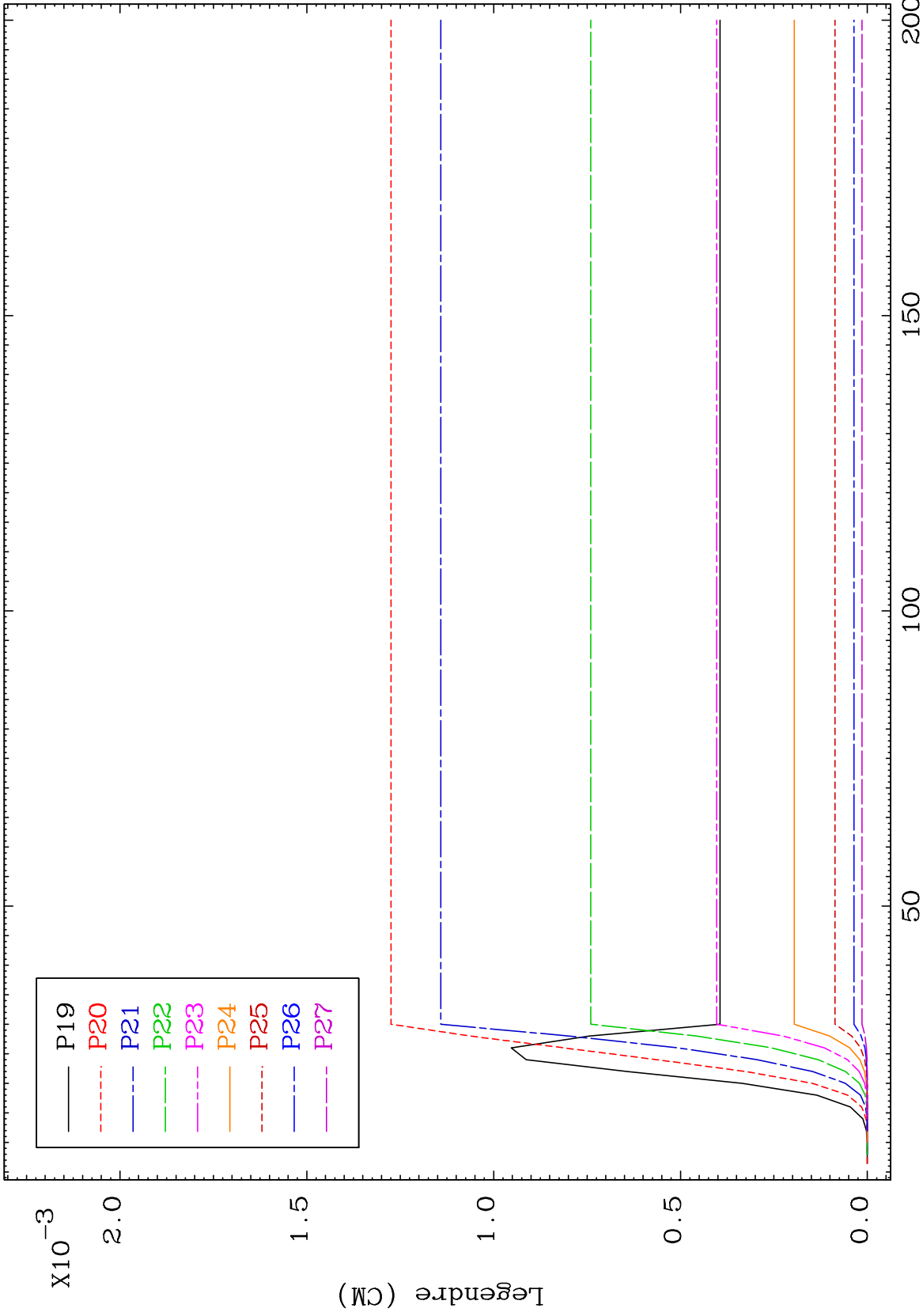
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



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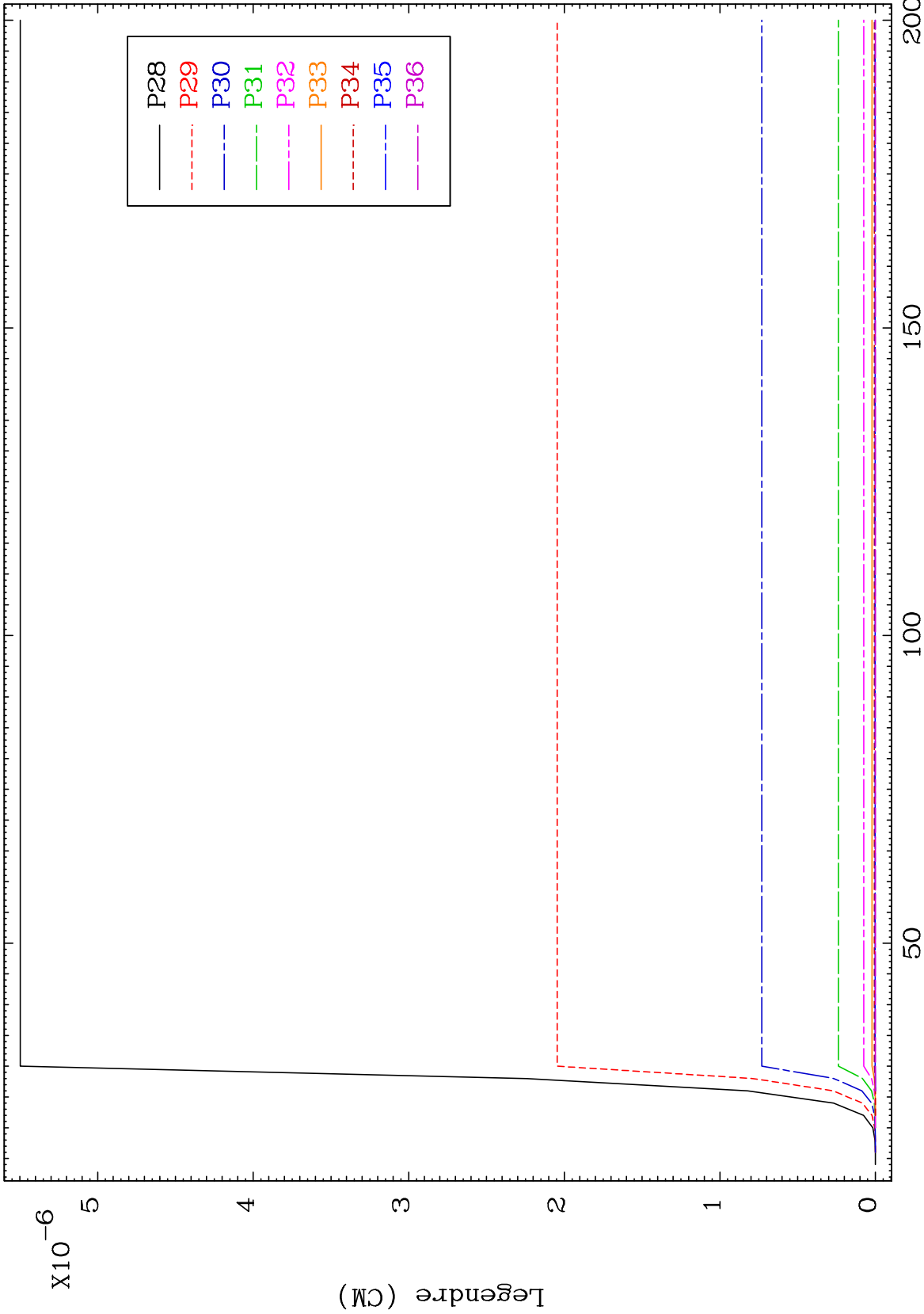
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



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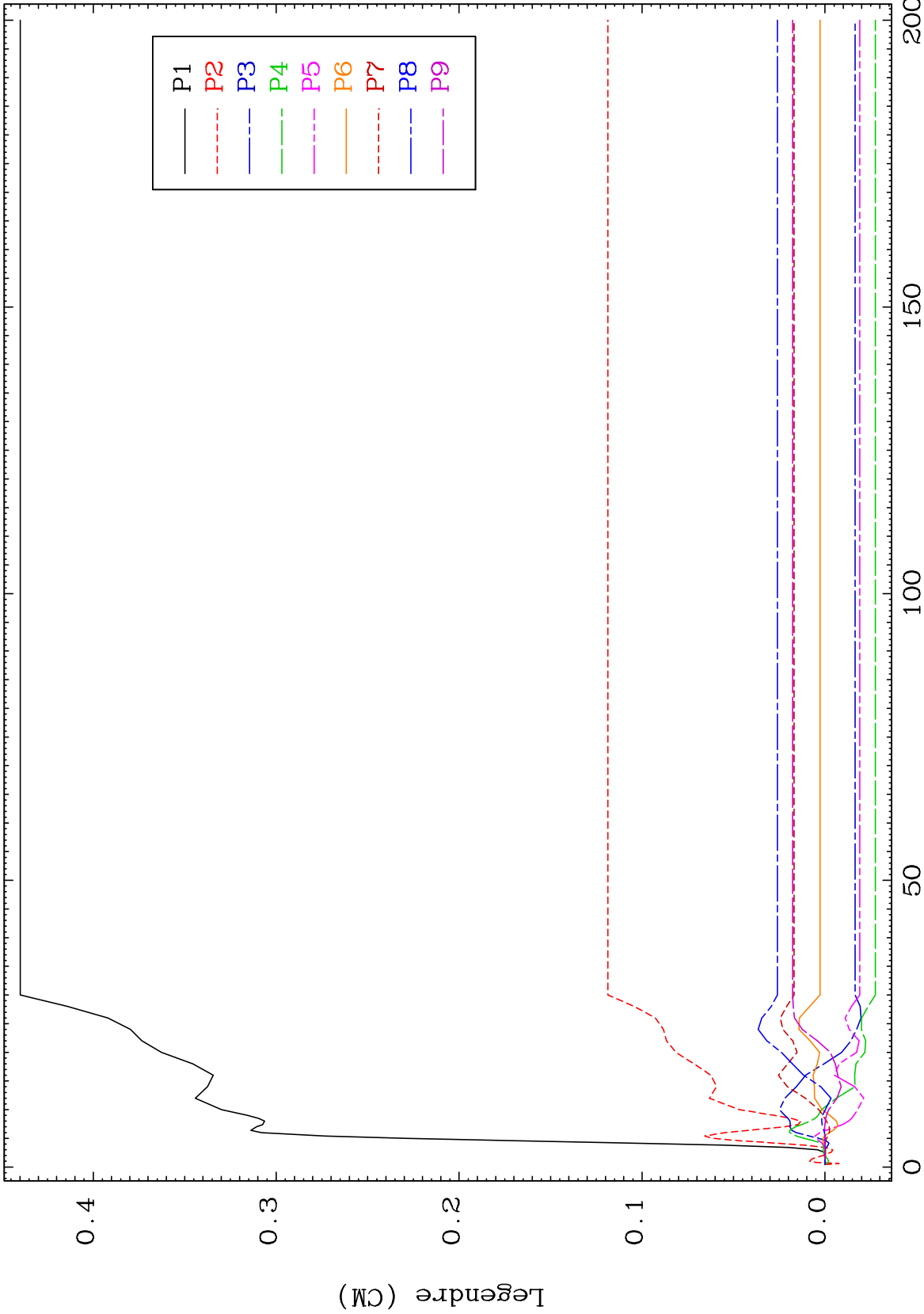
58-Ce-151

58-Ce-151

MAT 5870

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

58-Ce-151



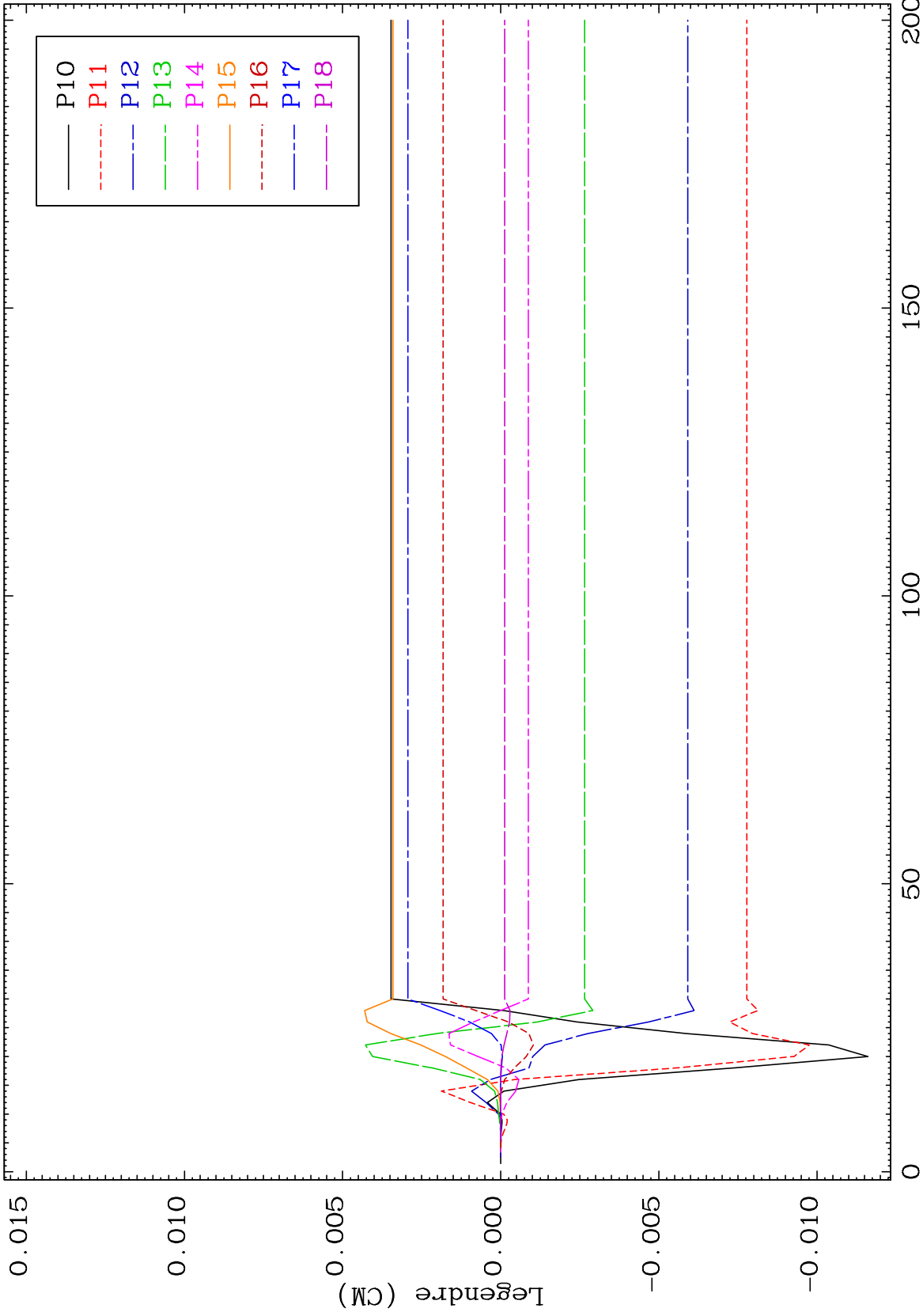
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151

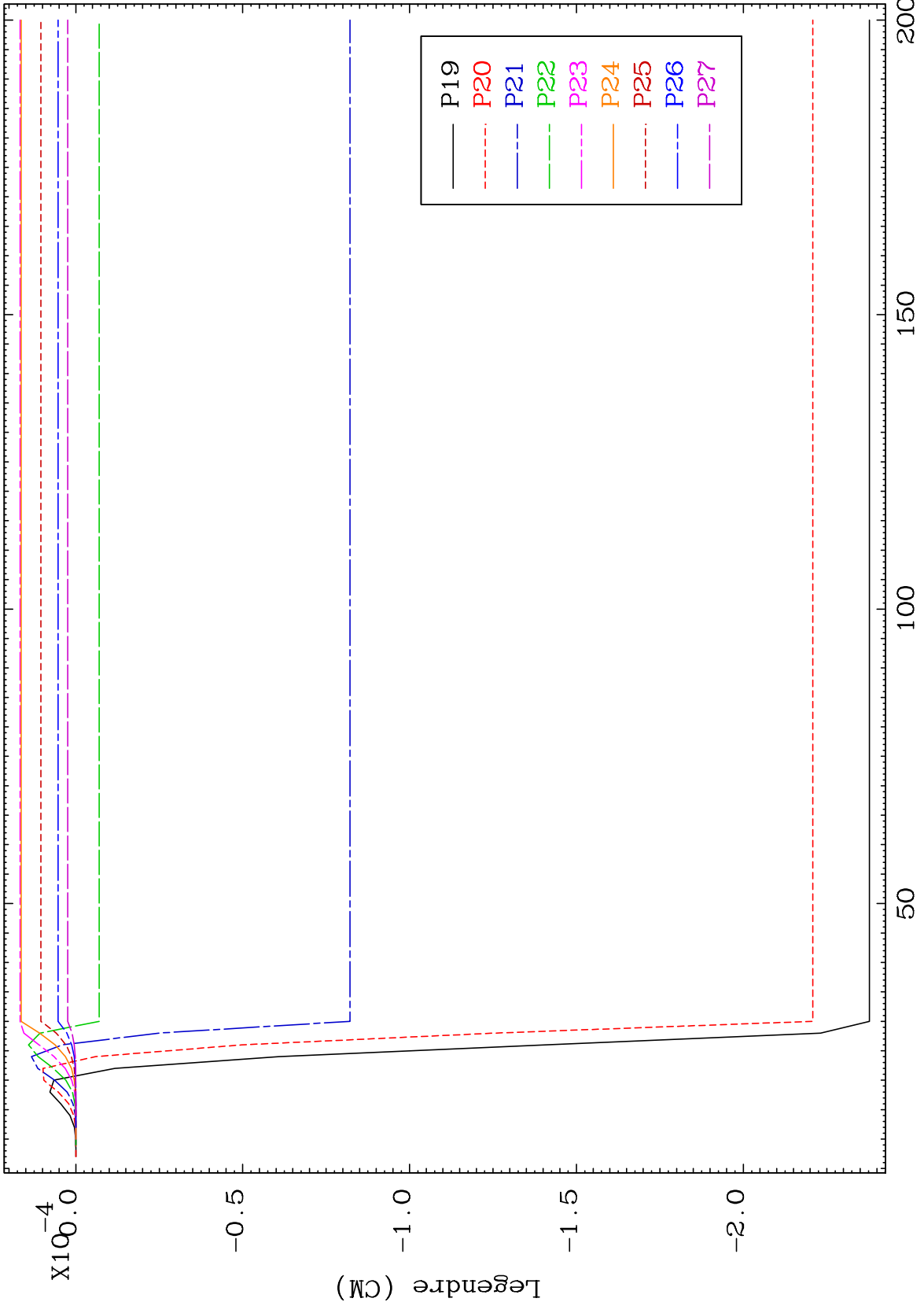


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Incident Energy (MeV)

58-Ce-151

MAT 5870 MT= 54 (n,n') Level Legendre Coefficients 58-Ce-151

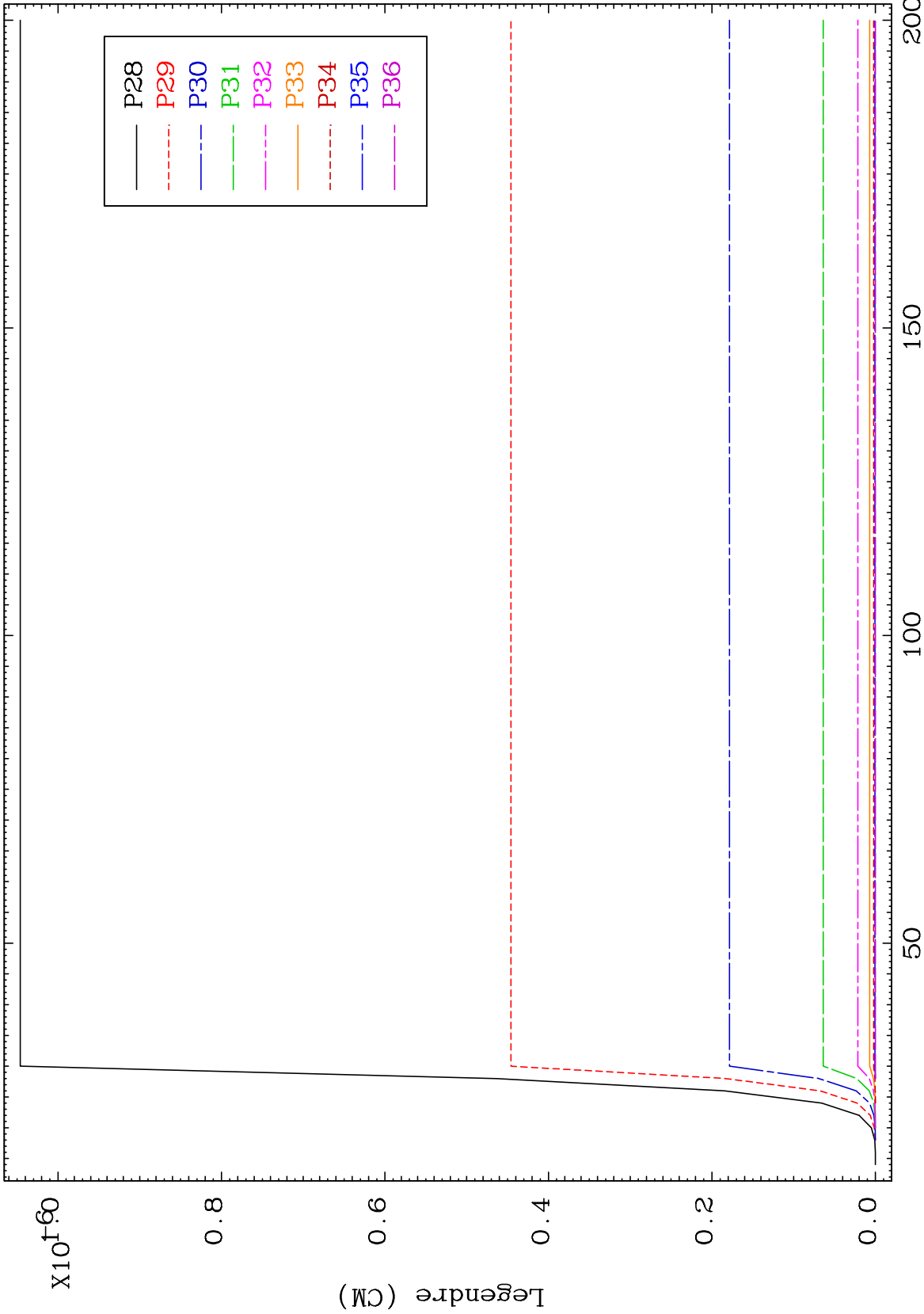


32 58-Ce-151

MAT 5870

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

58-Ce-151



33

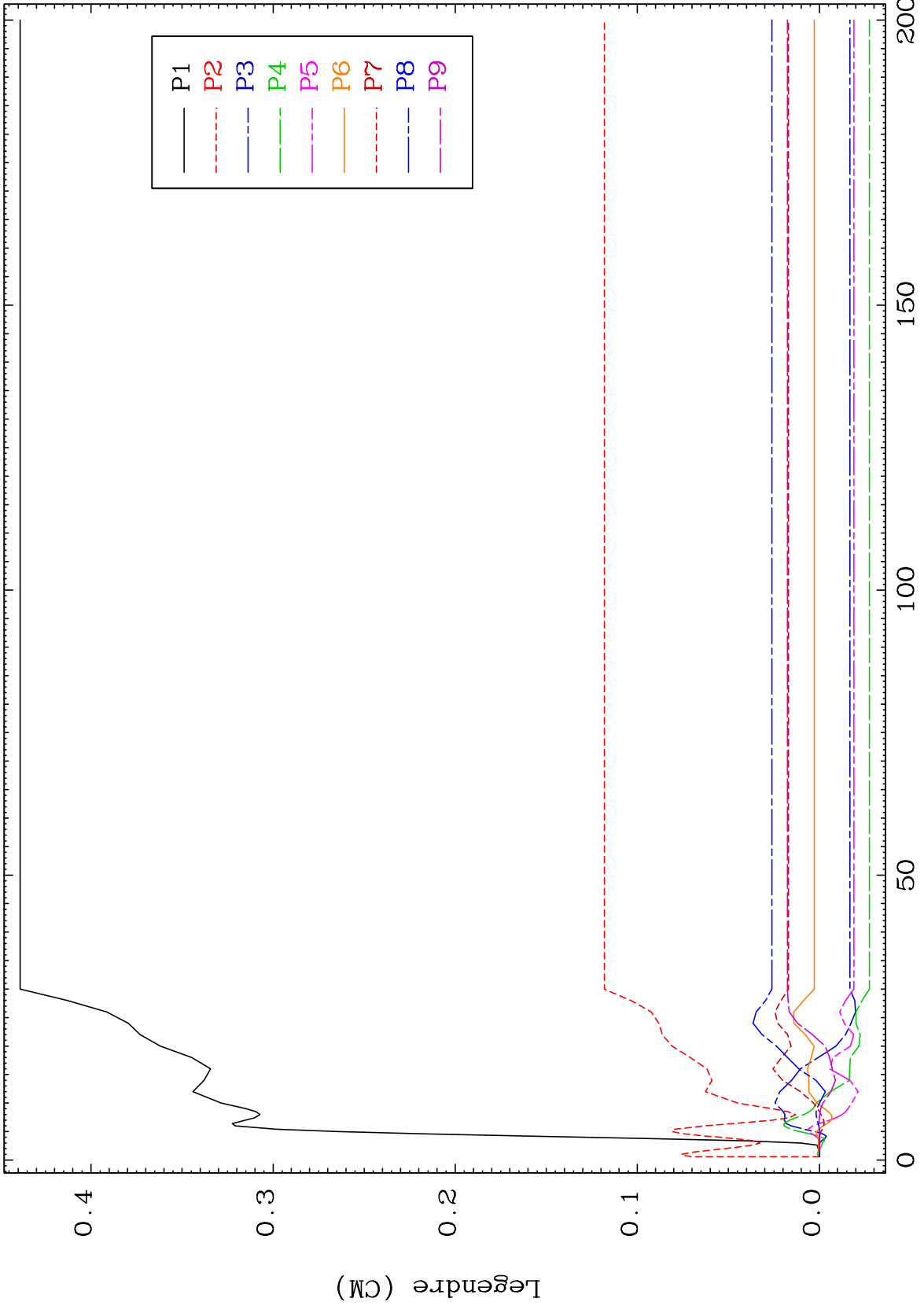
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



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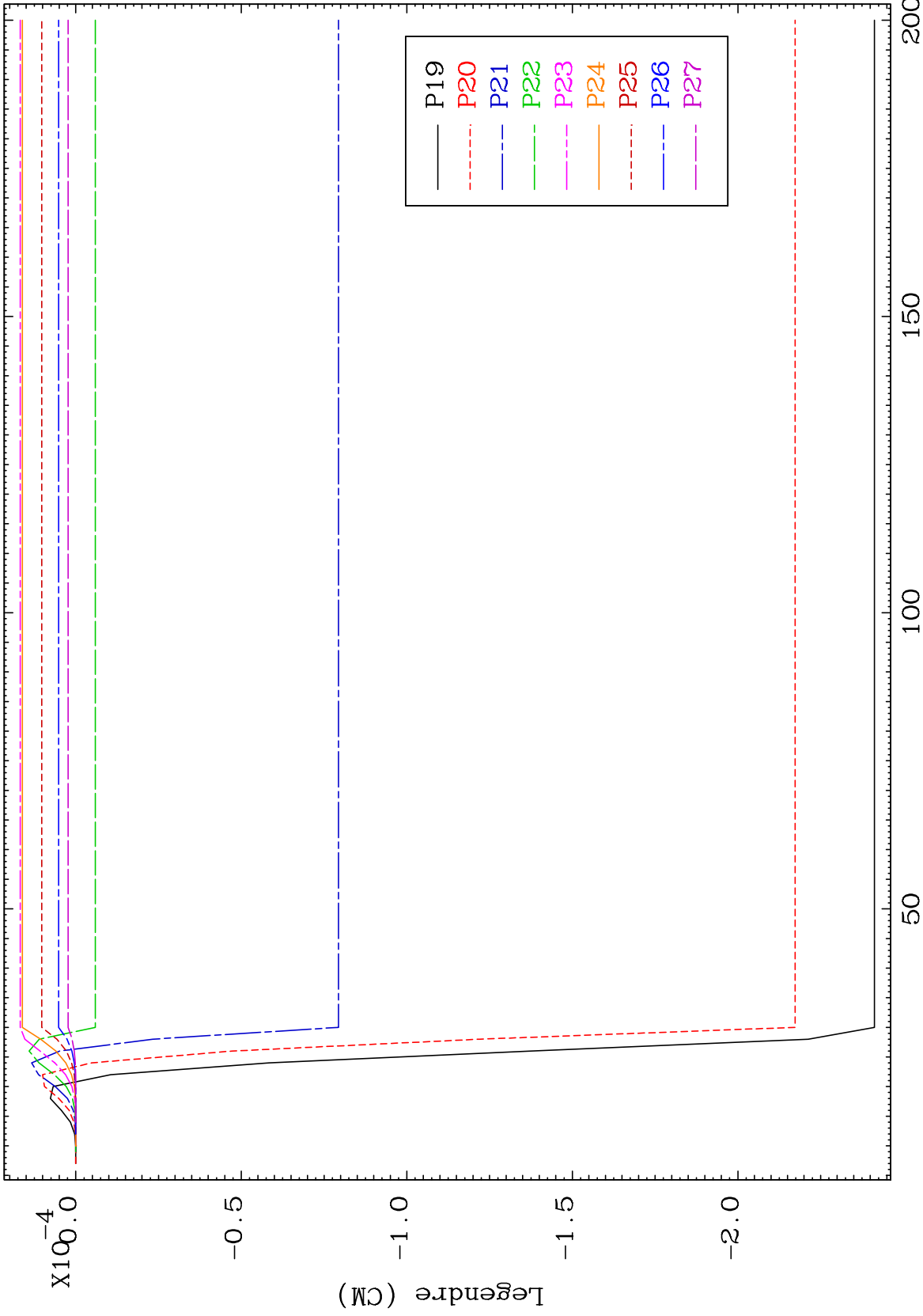
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



58-Ce-151

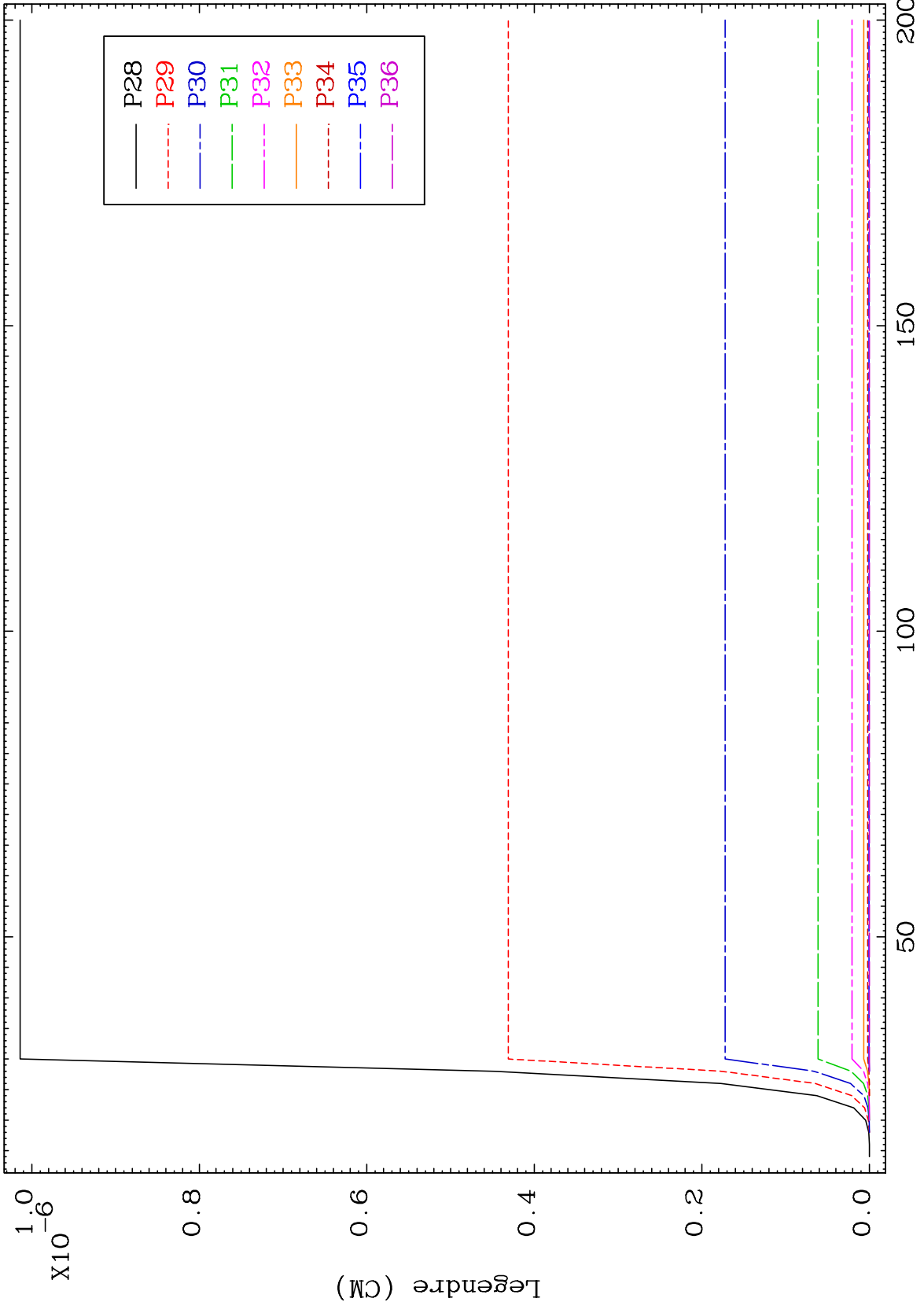
Incident Energy (MeV)

36

MAT 5870

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

58-Ce-151



37

Incident Energy (MeV)

58-Ce-151