

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

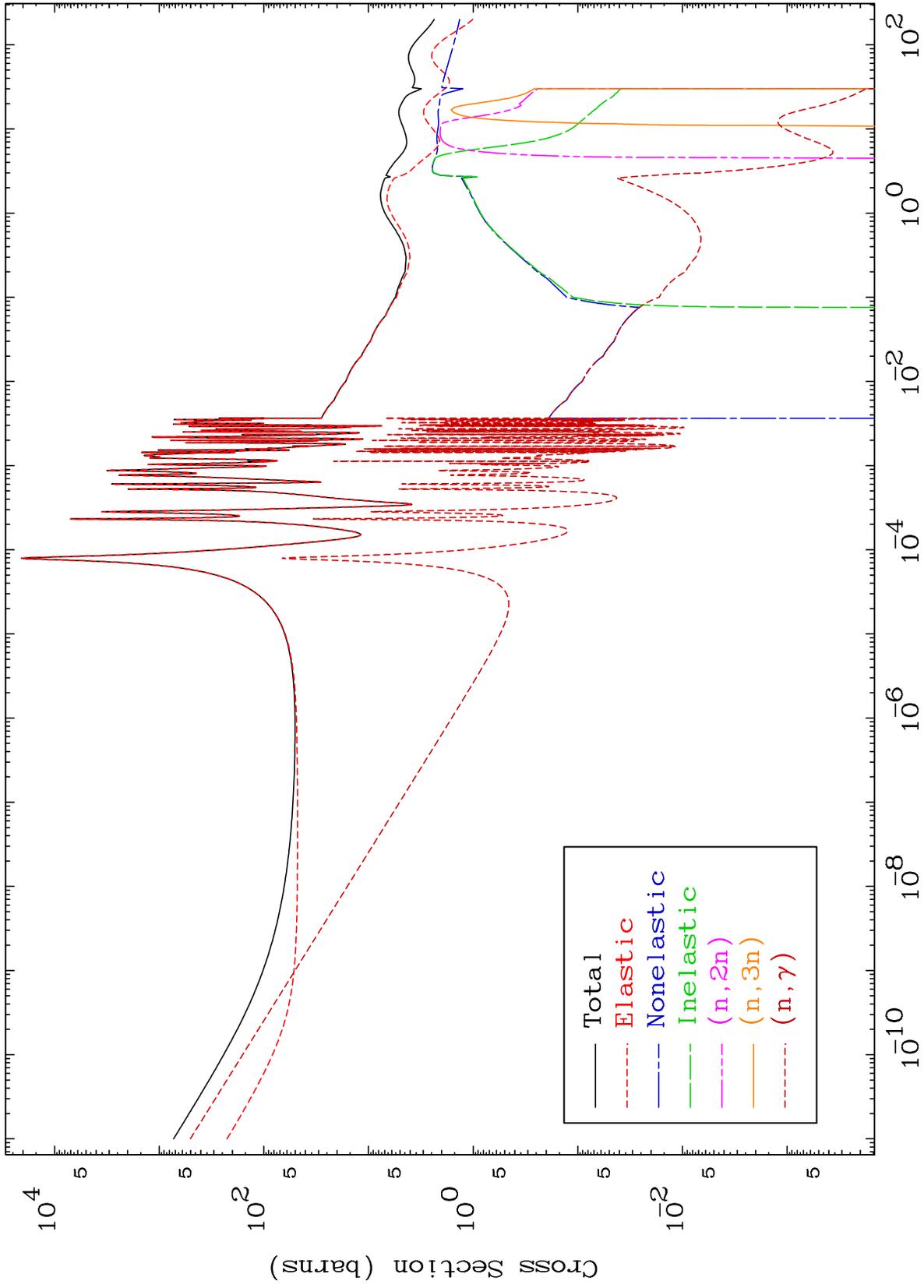
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5870

Neutron Major
293 Kelvin Cross Sections

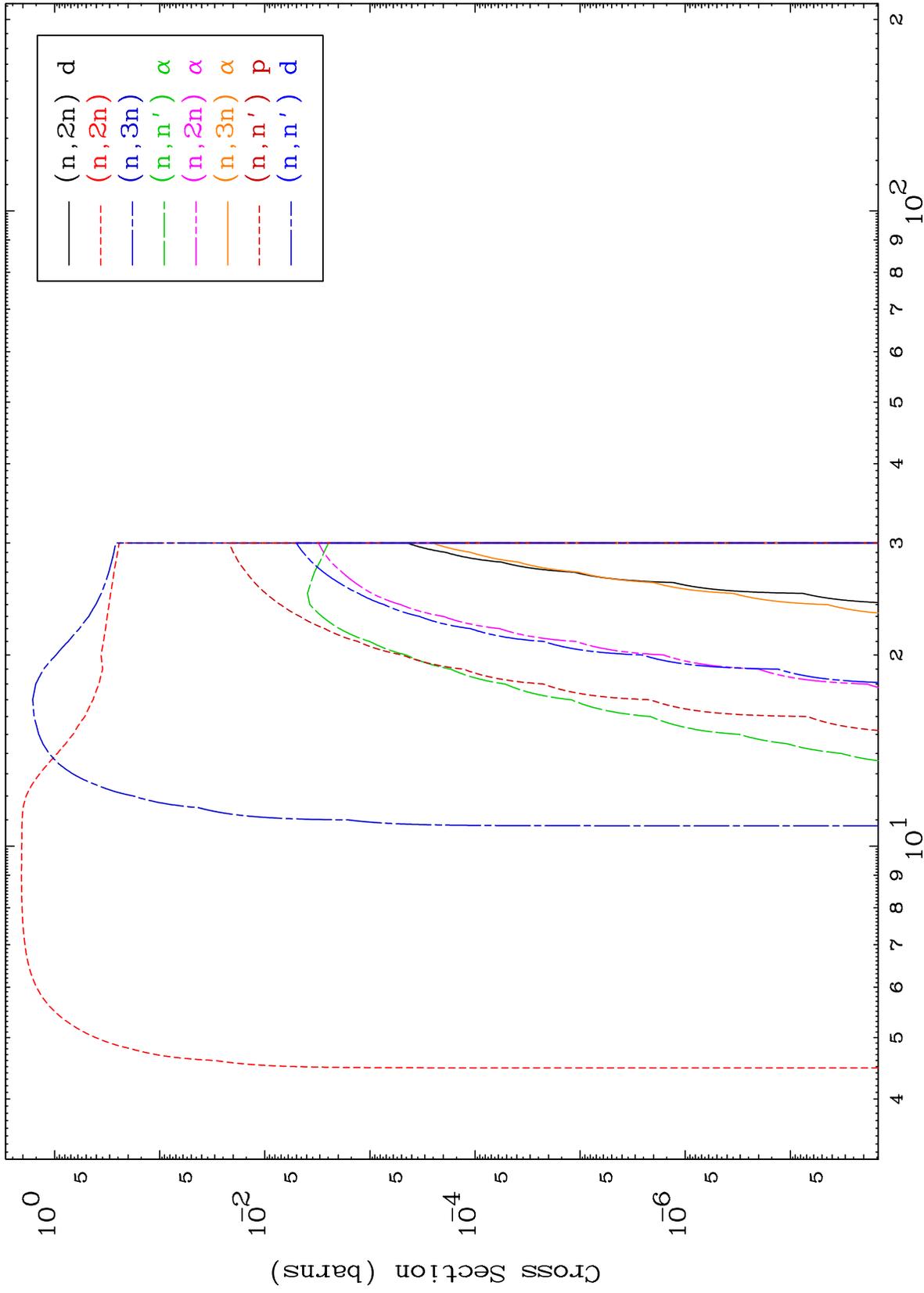
58-Ce-151



MAT 5870

Neutron Absorption 293 Kelvin Cross Sections

58-Ce-151



2

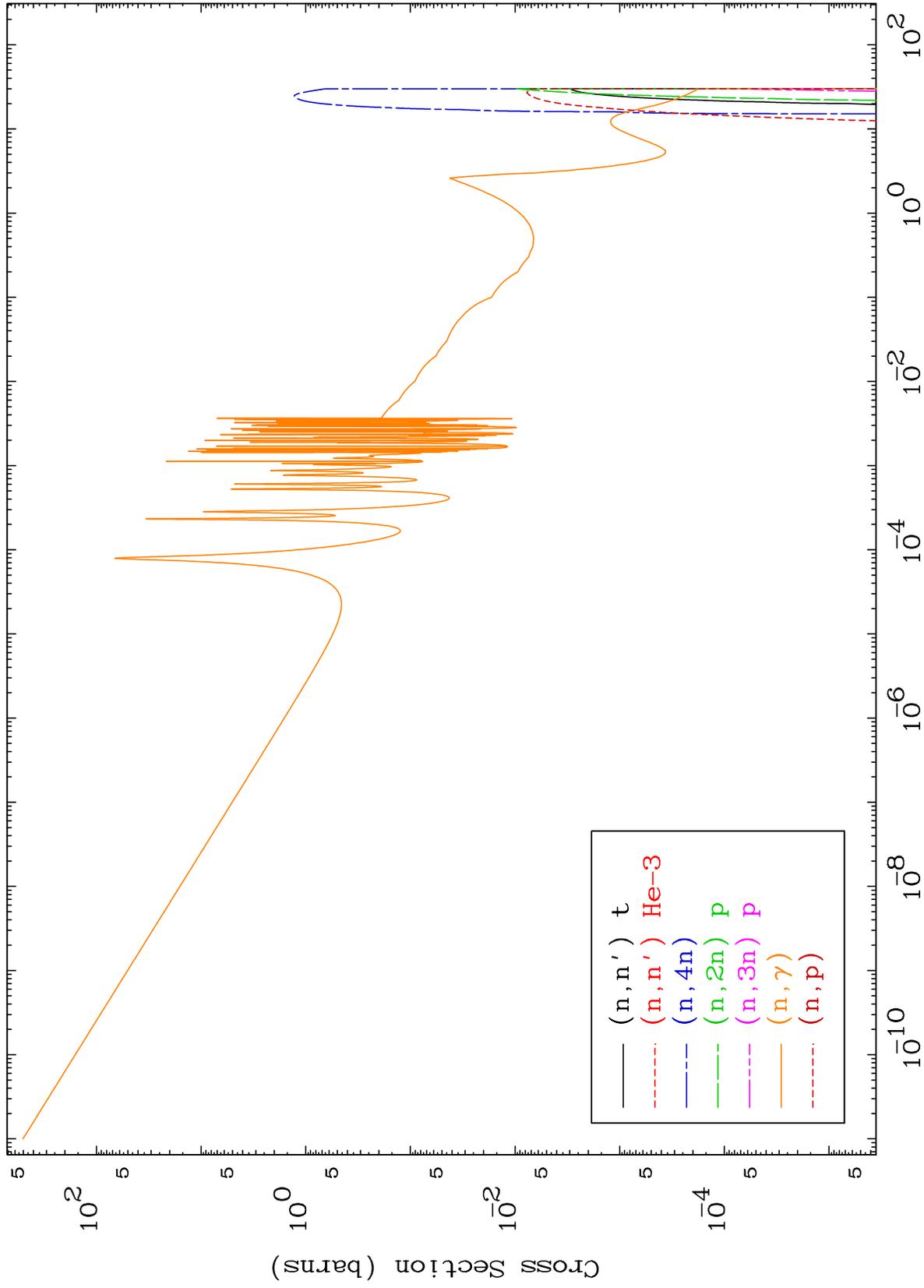
Incident Energy (MeV)

58-Ce-151

MAT 5870

Neutron Absorption
293 Kelvin Cross Sections

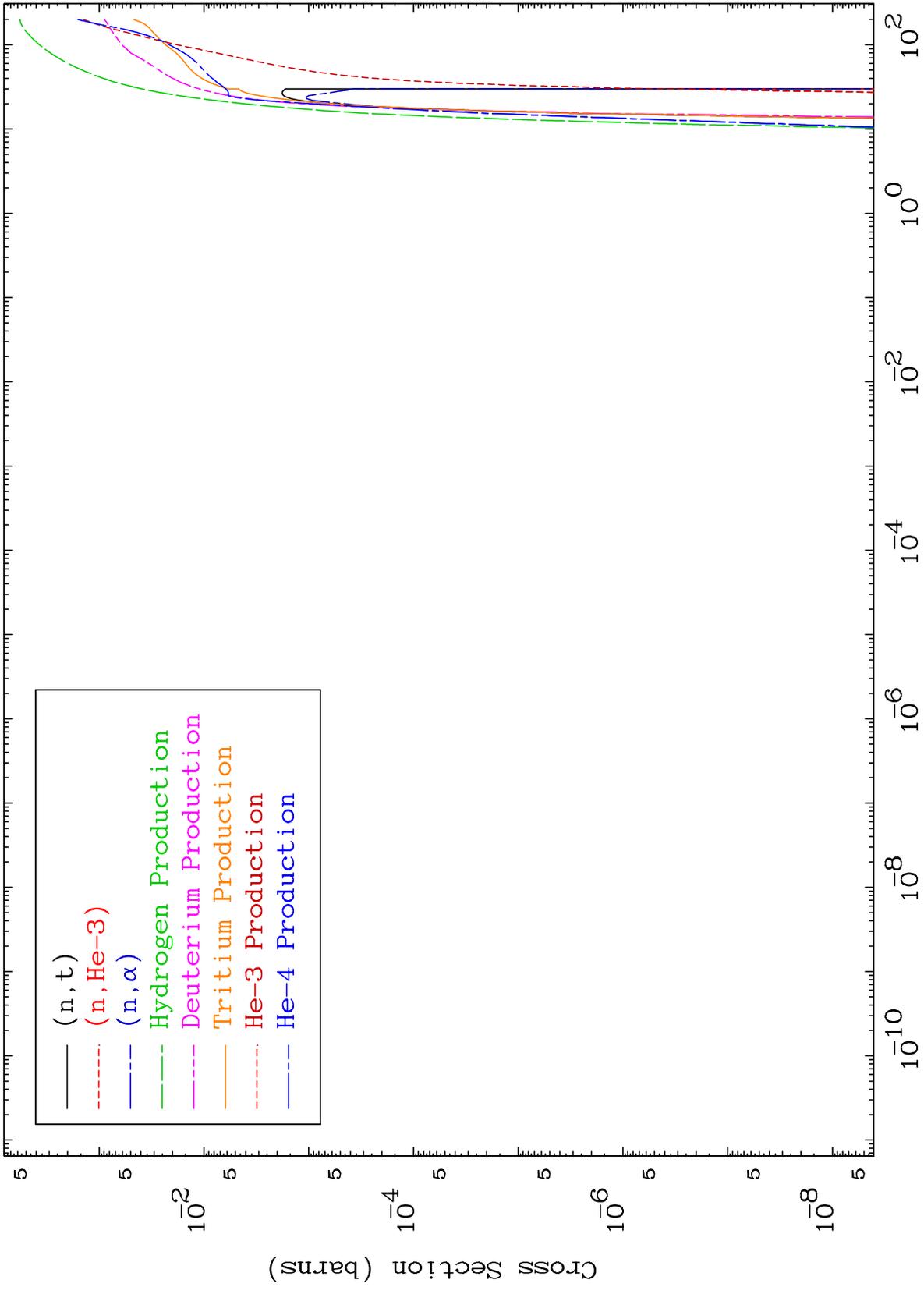
58-Ce-151



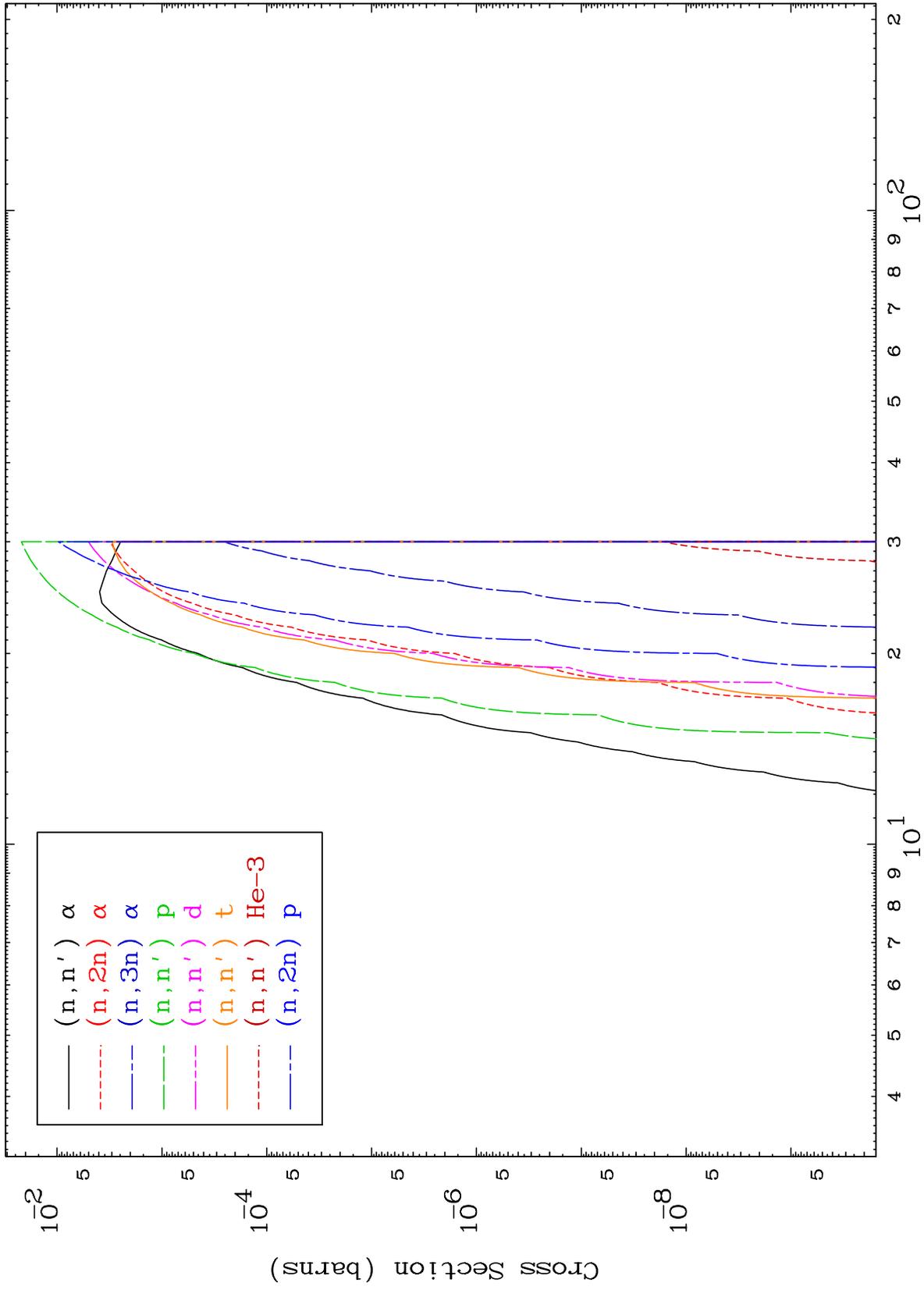
MAT 5870

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-151



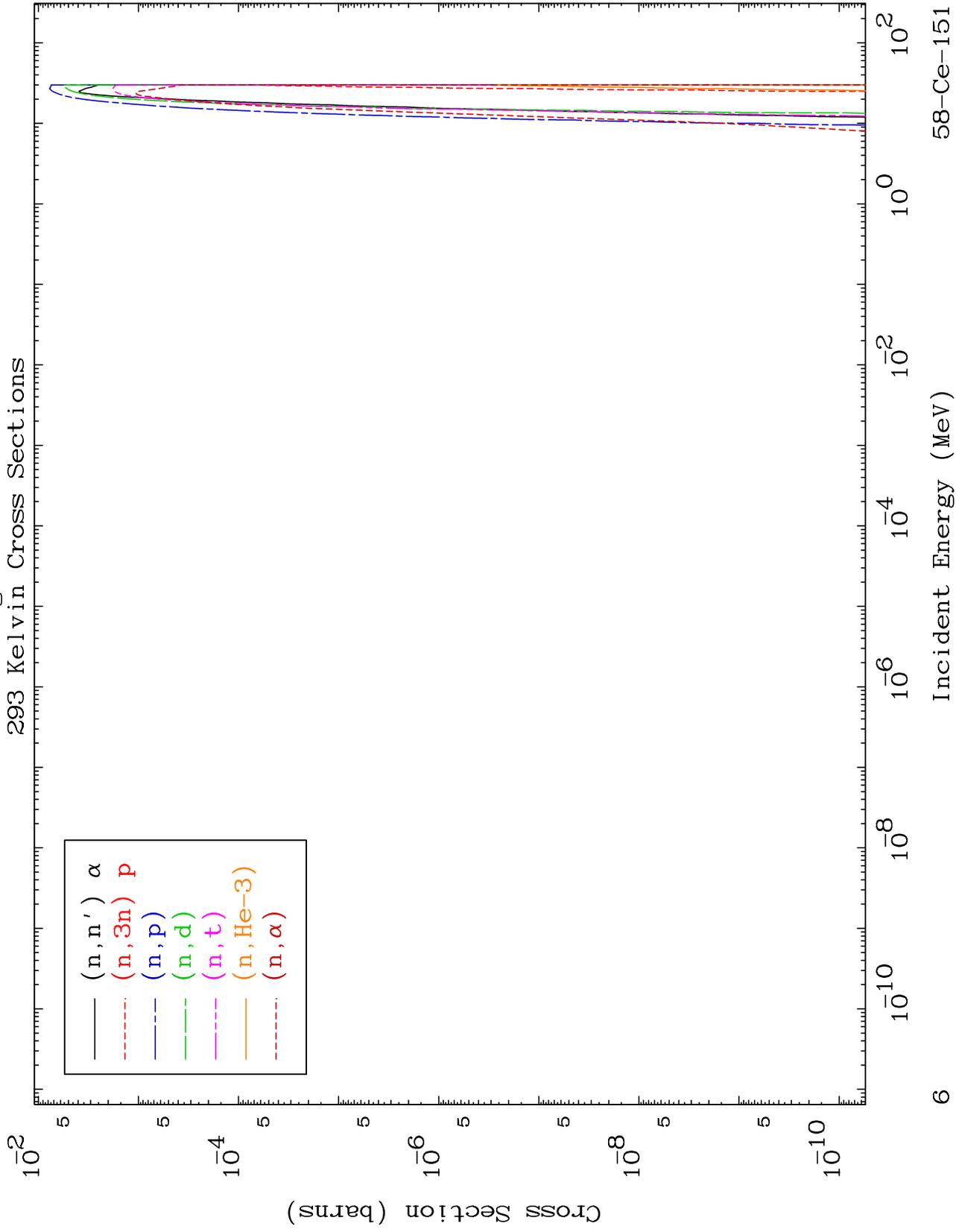
58-Ce-151



MAT 5870

Charged Particle
293 Kelvin Cross Sections

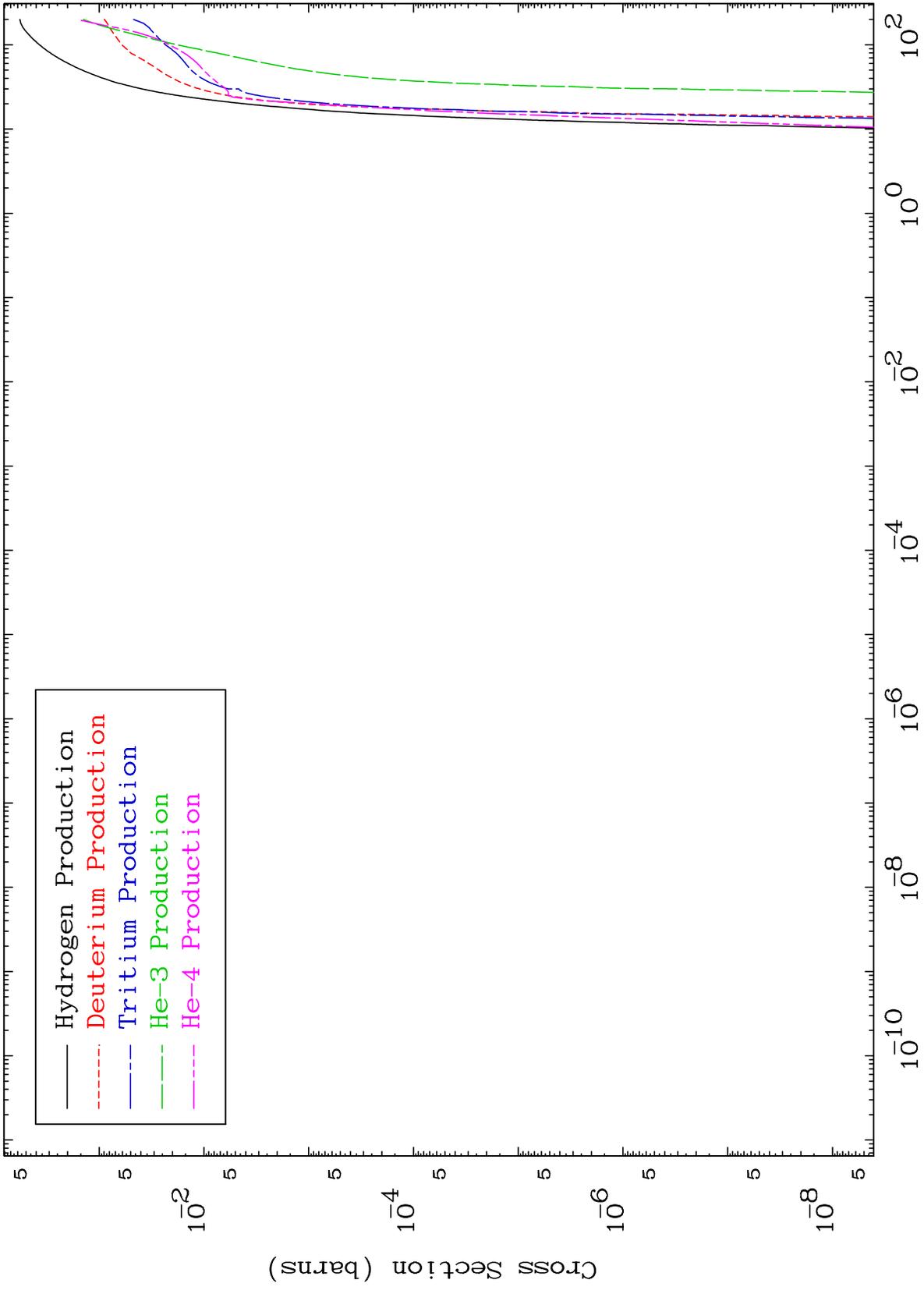
58-Ce-151



MAT 5870

Particle Production
293 Kelvin Cross Sections

58-Ce-151



7

Incident Energy (MeV)

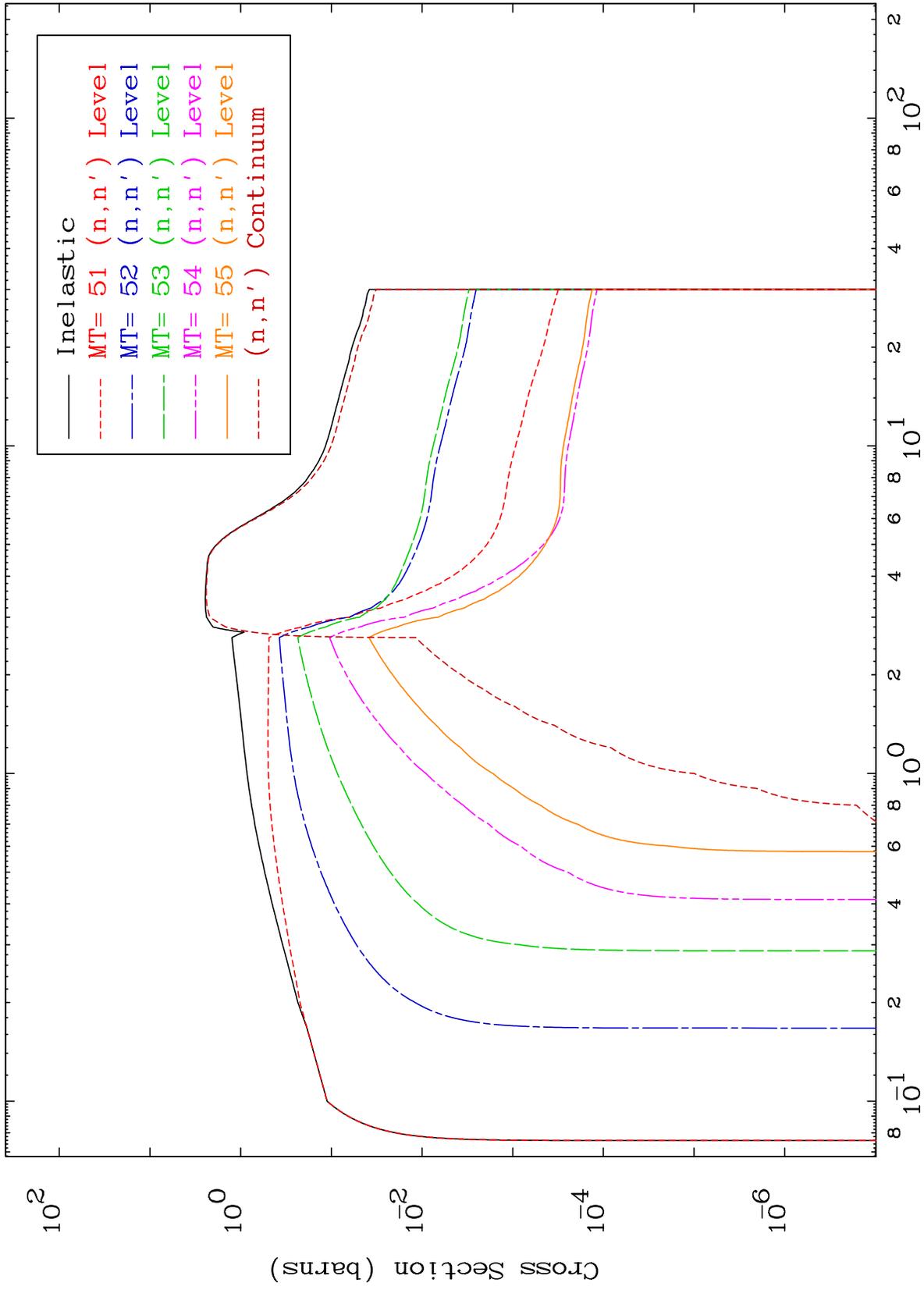
58-Ce-151

MAT 5870

(n,n') Levels

58-Ce-151

293 Kelvin Cross Sections



8

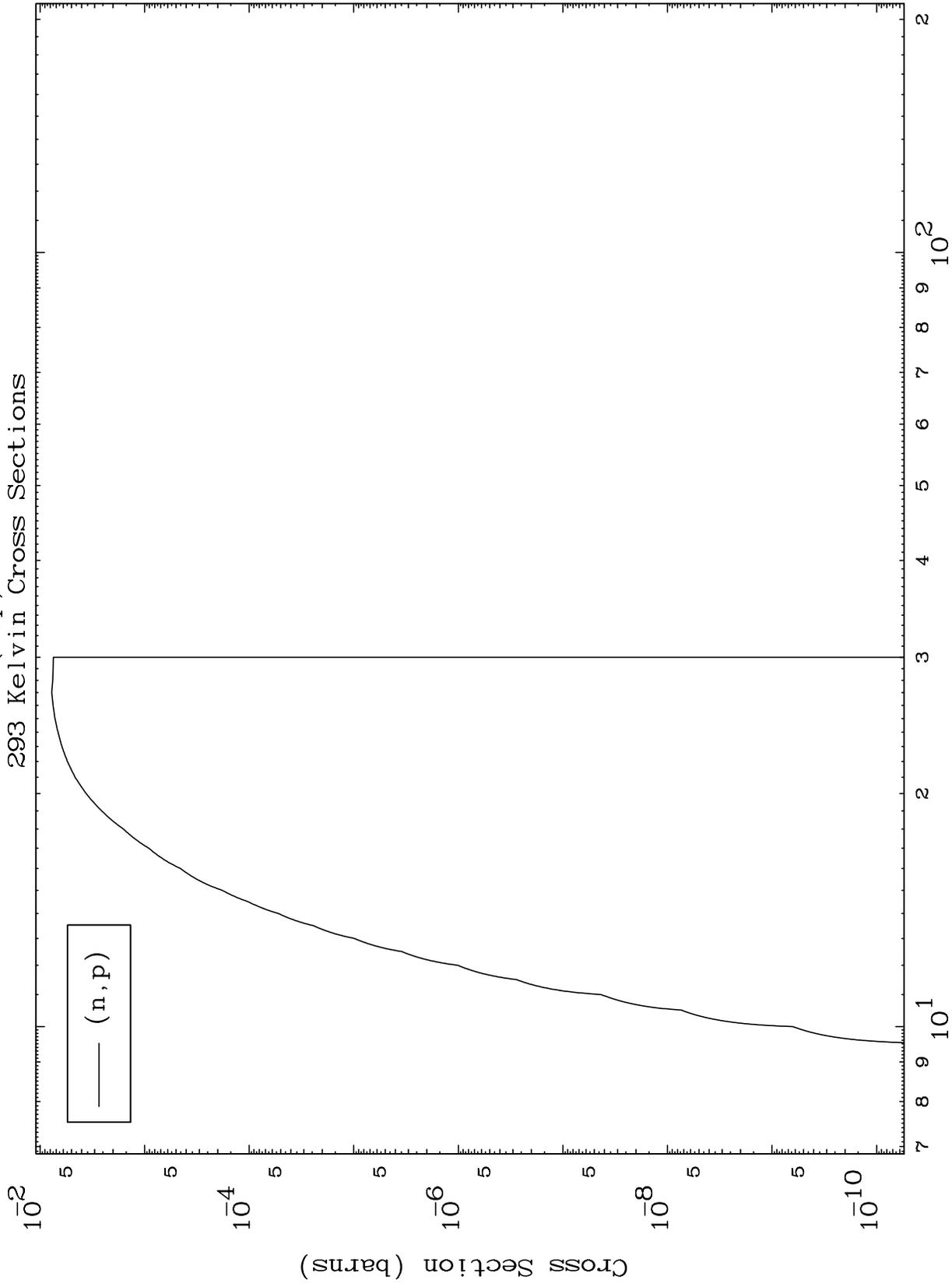
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-151



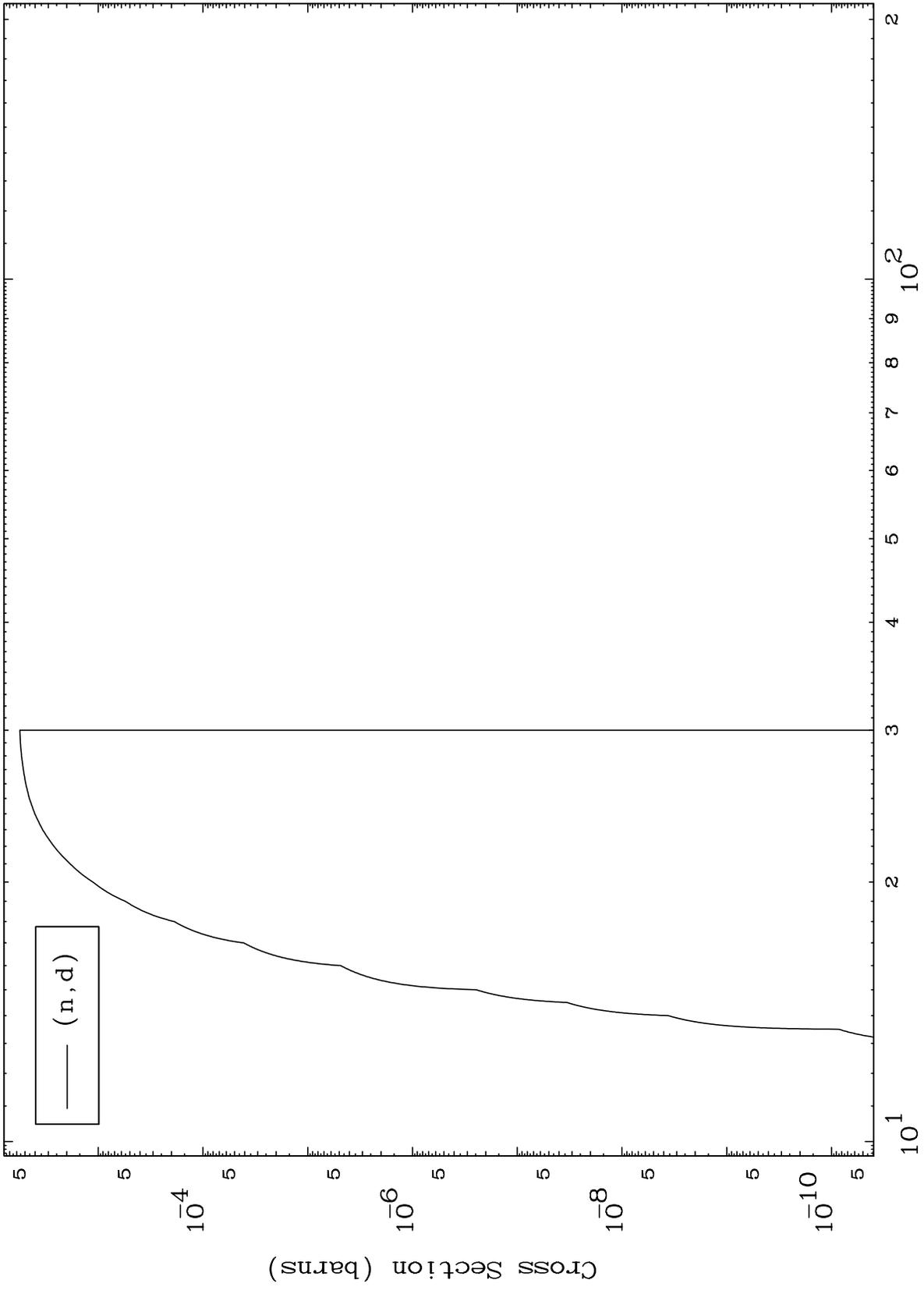
9

58-Ce-151

MAT 5870

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-151



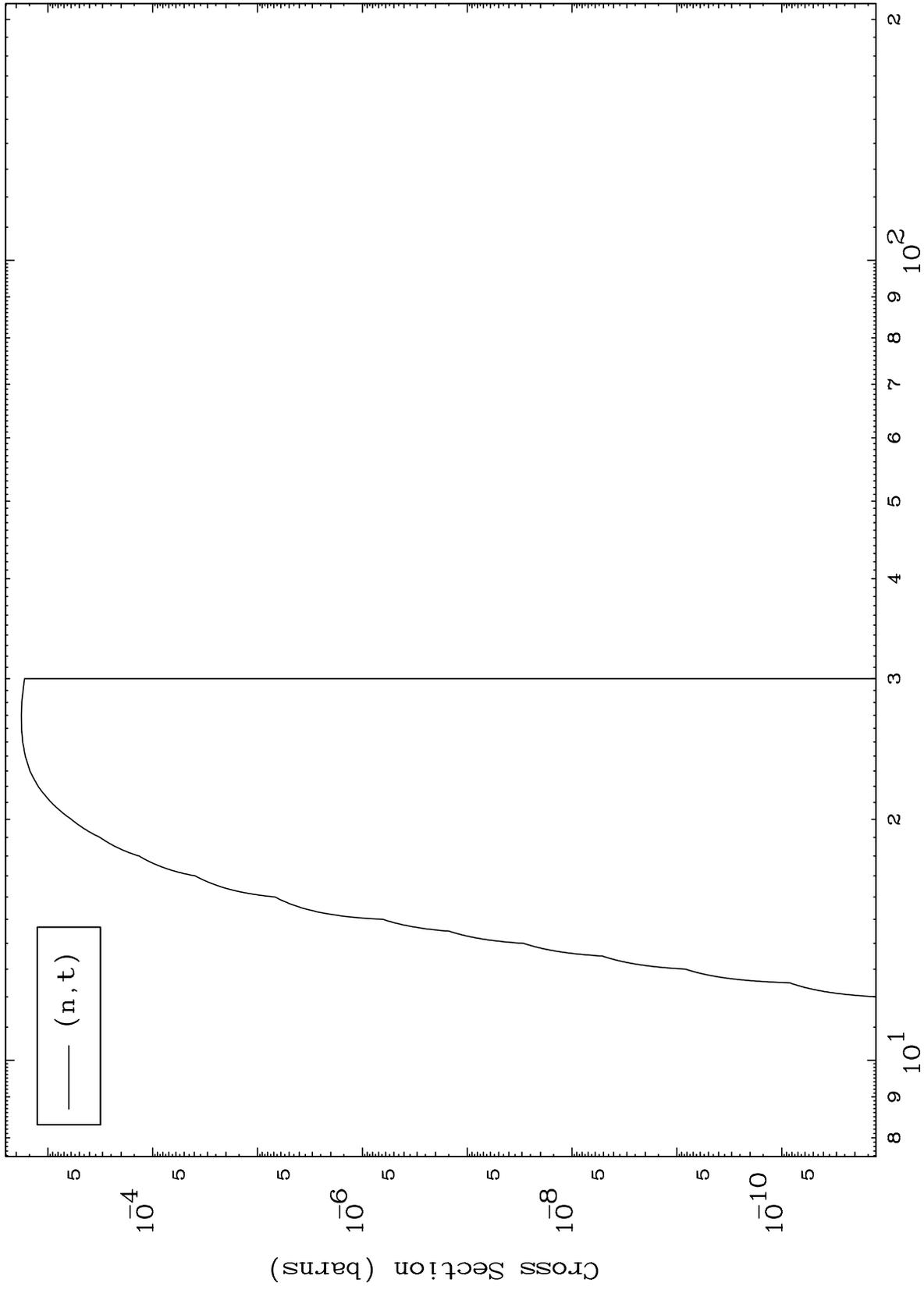
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-151



11

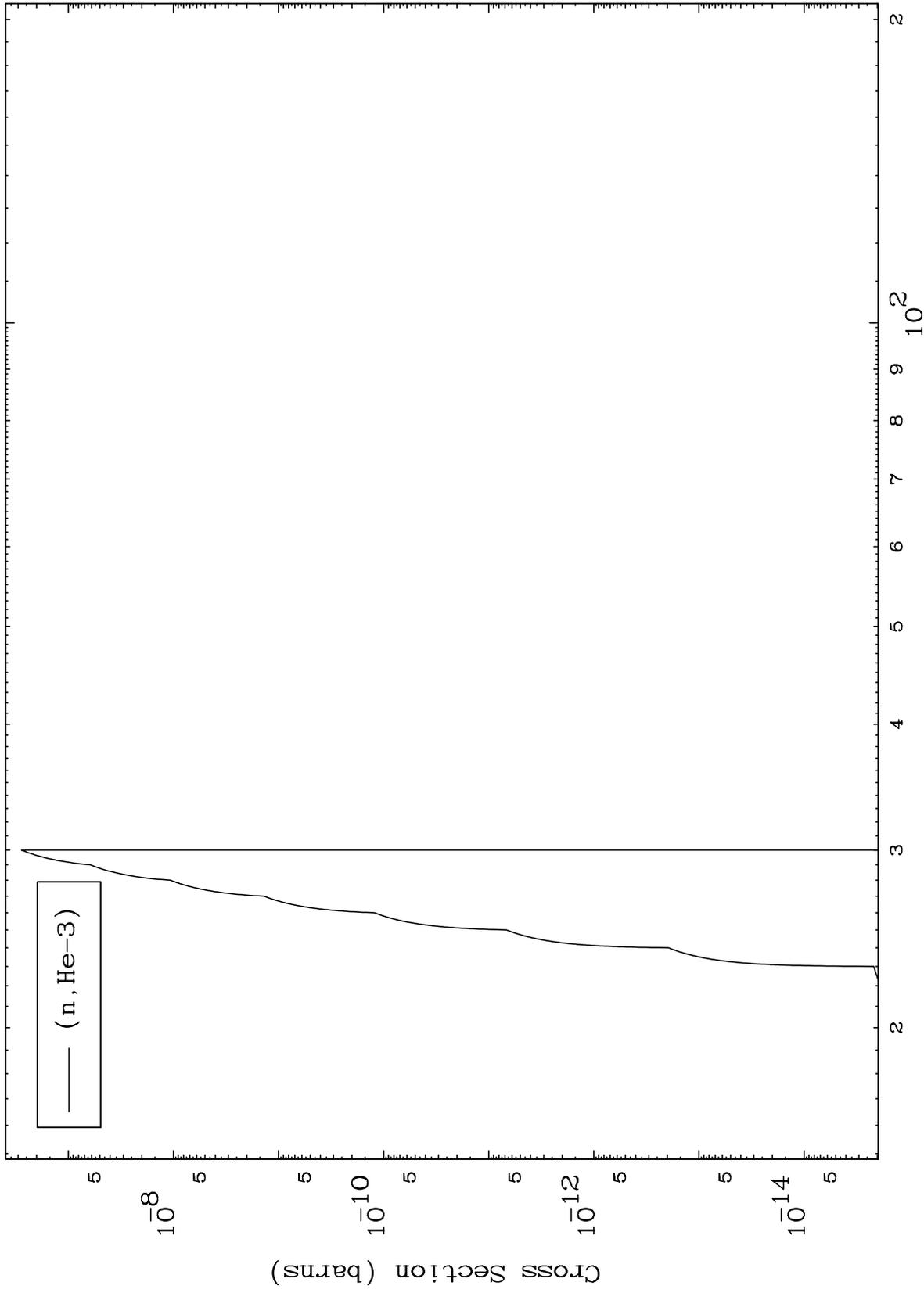
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-151



12

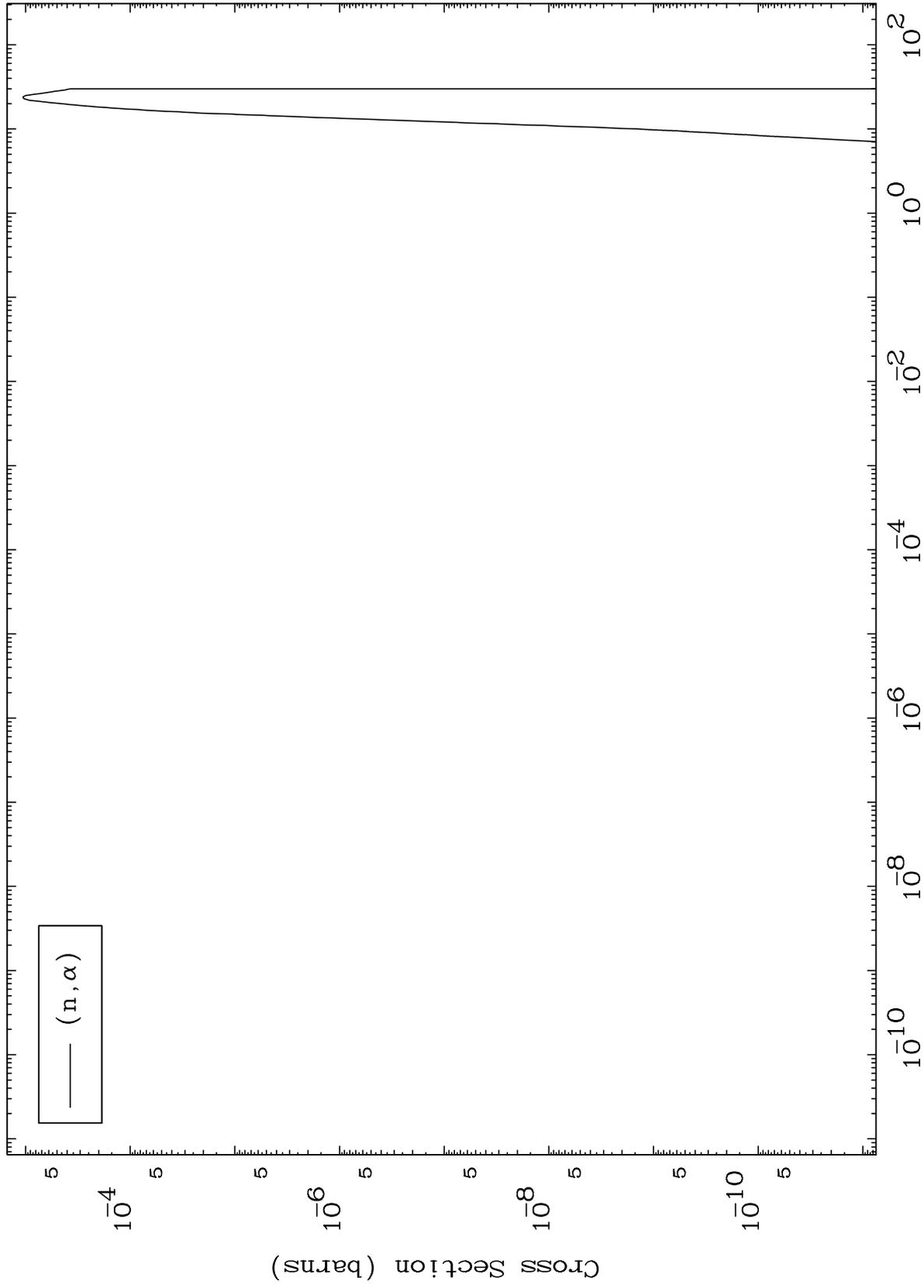
Incident Energy (MeV)

58-Ce-151

MAT 5870

(n,α) Levels
293 Kelvin Cross Sections

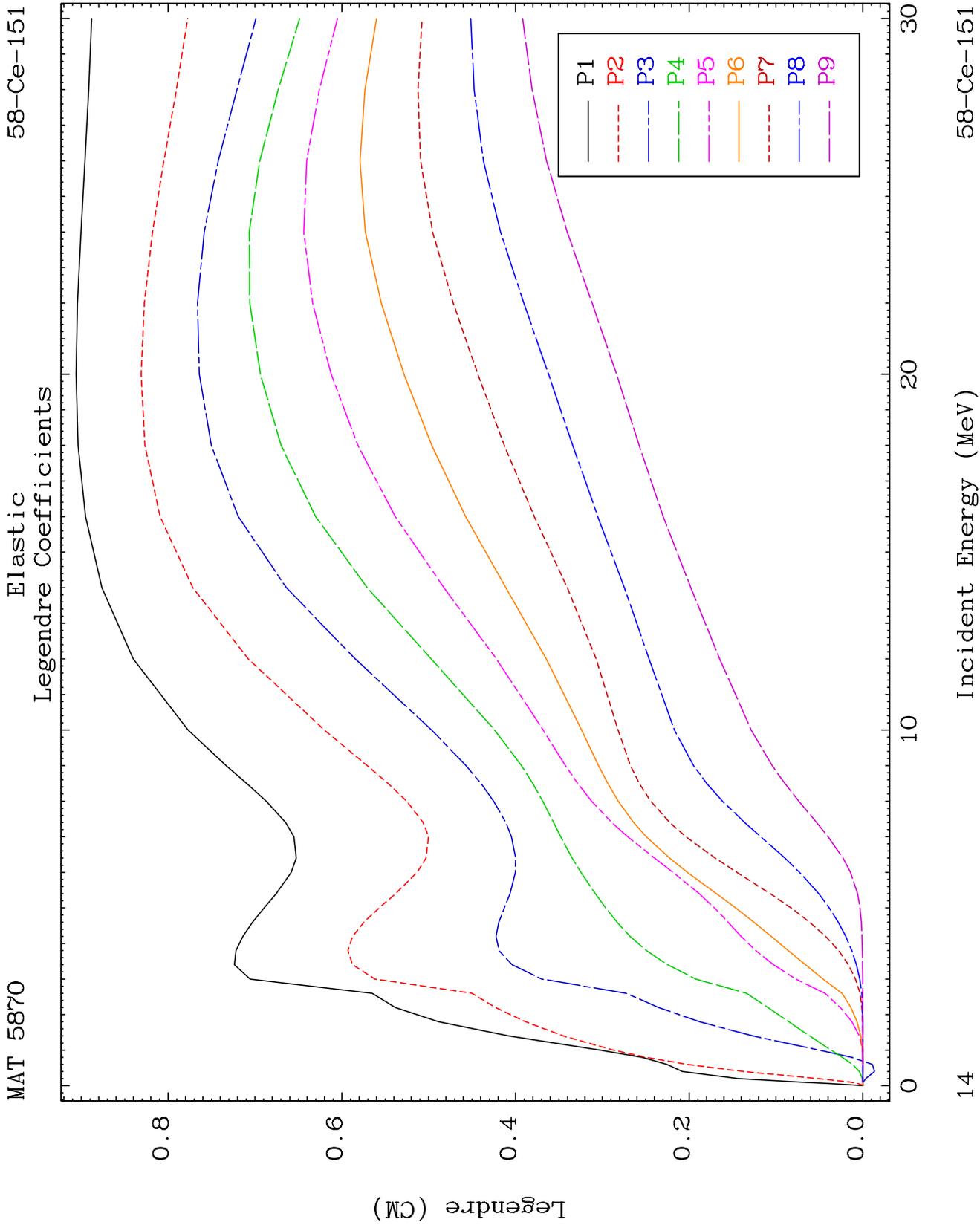
58-Ce-151



13

Incident Energy (MeV)

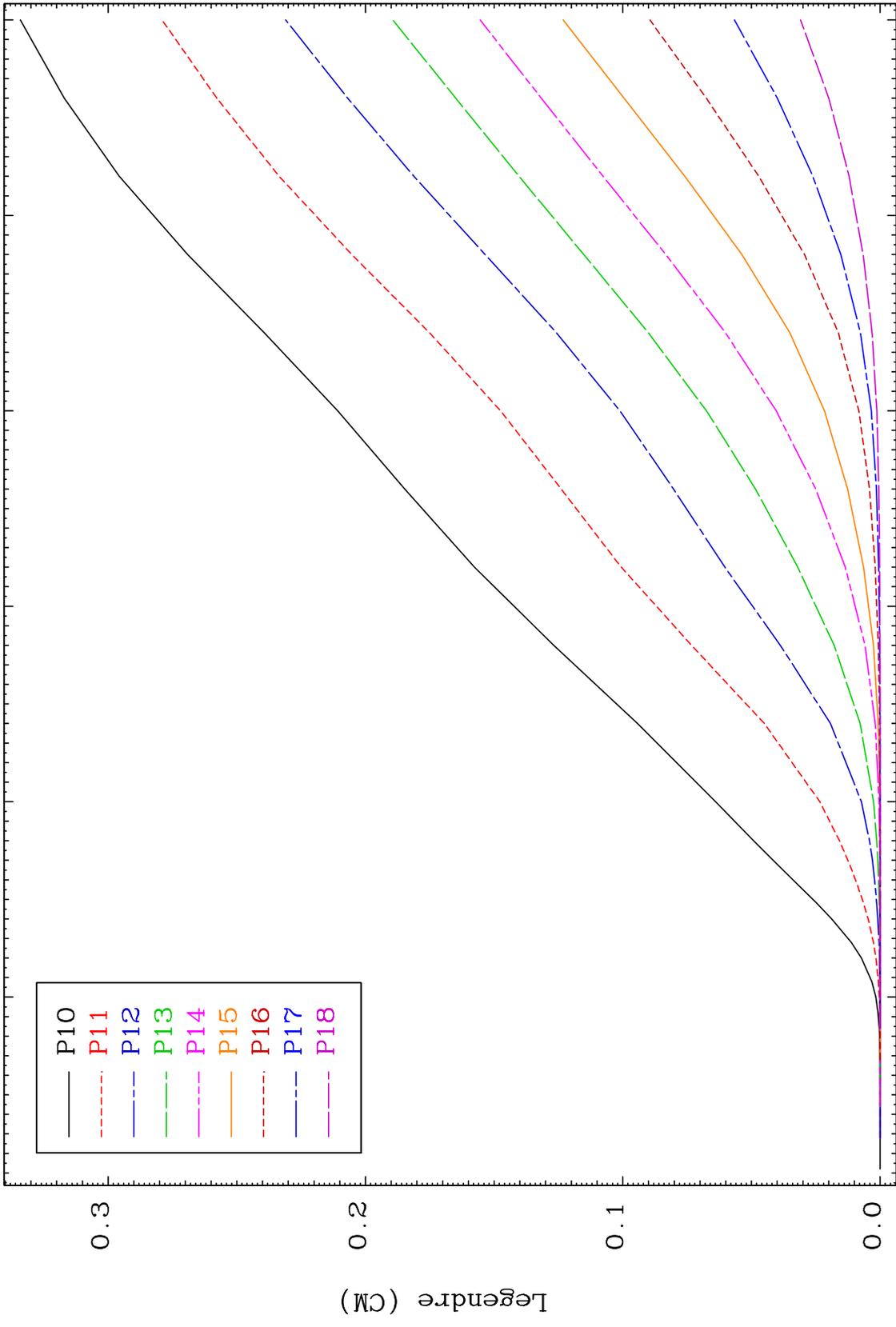
58-Ce-151



MAT 5870

Elastic Legendre Coefficients

58-Ce-151



15

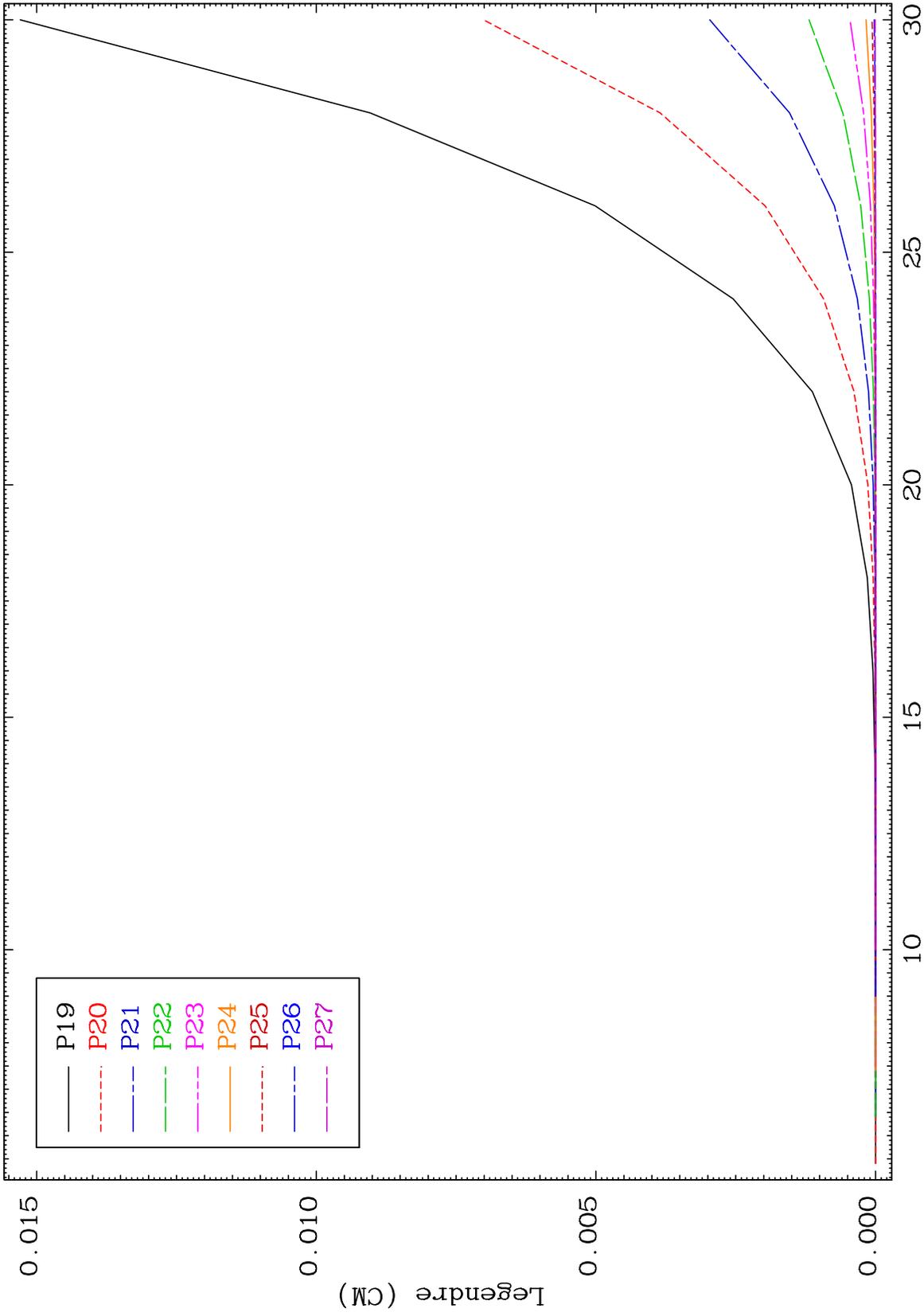
Incident Energy (MeV)

58-Ce-151

MAT 5870

Elastic Legendre Coefficients

58-Ce-151



16

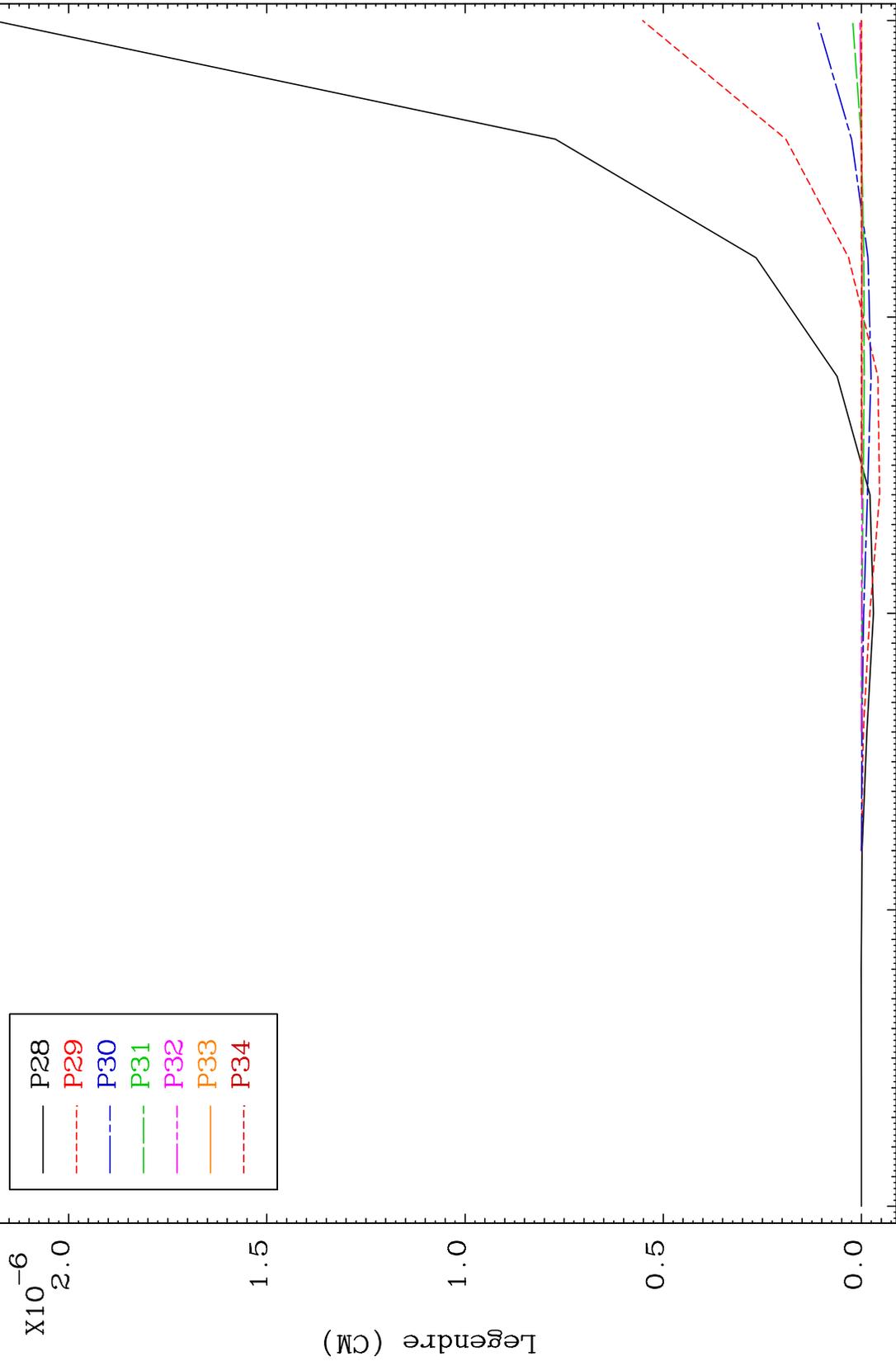
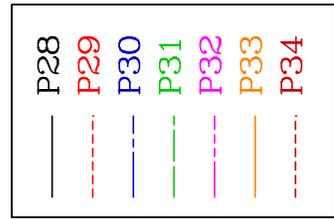
Incident Energy (MeV)

58-Ce-151

MAT 5870

Elastic Legendre Coefficients

58-Ce-151

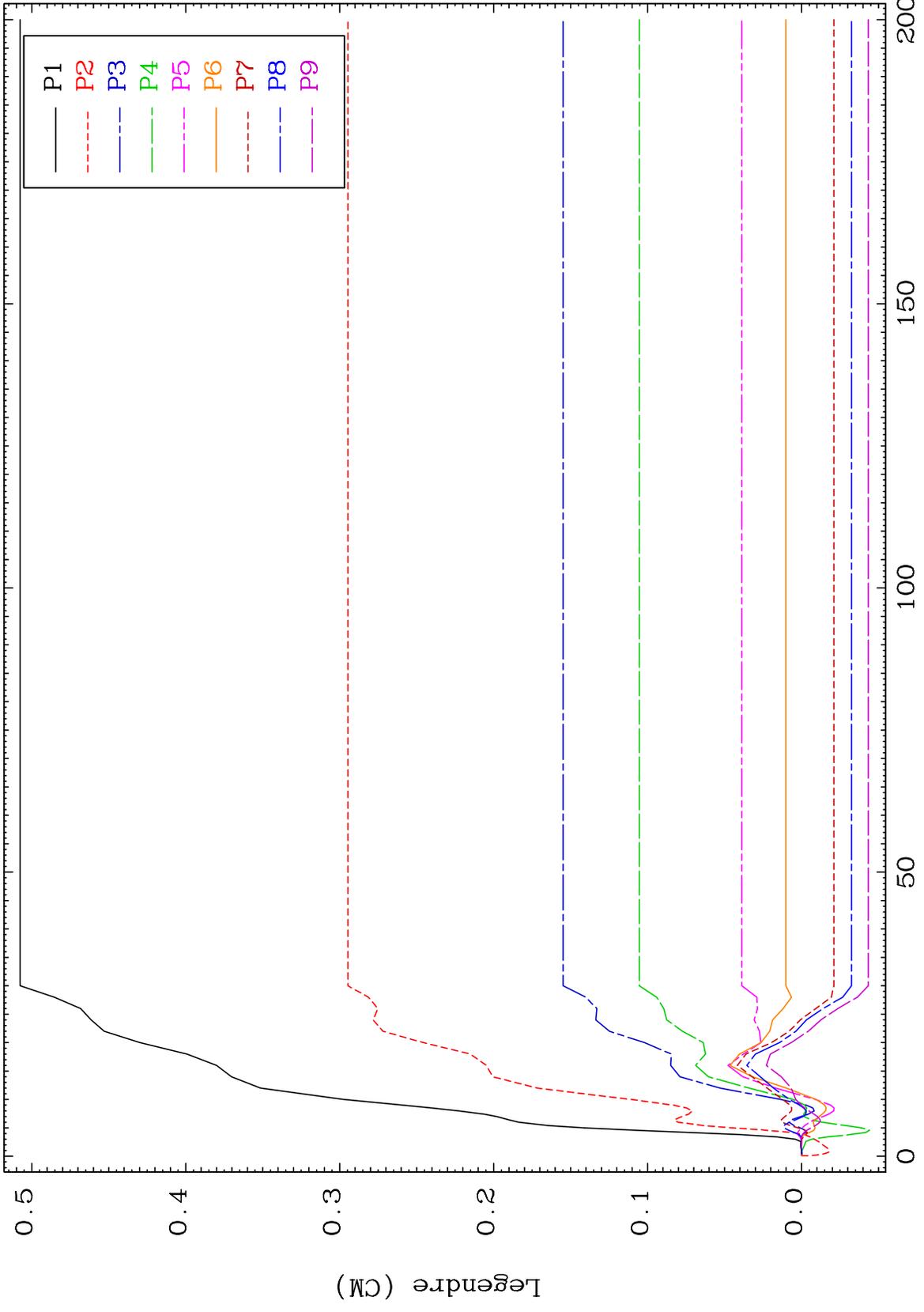


17

Incident Energy (MeV)

58-Ce-151

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

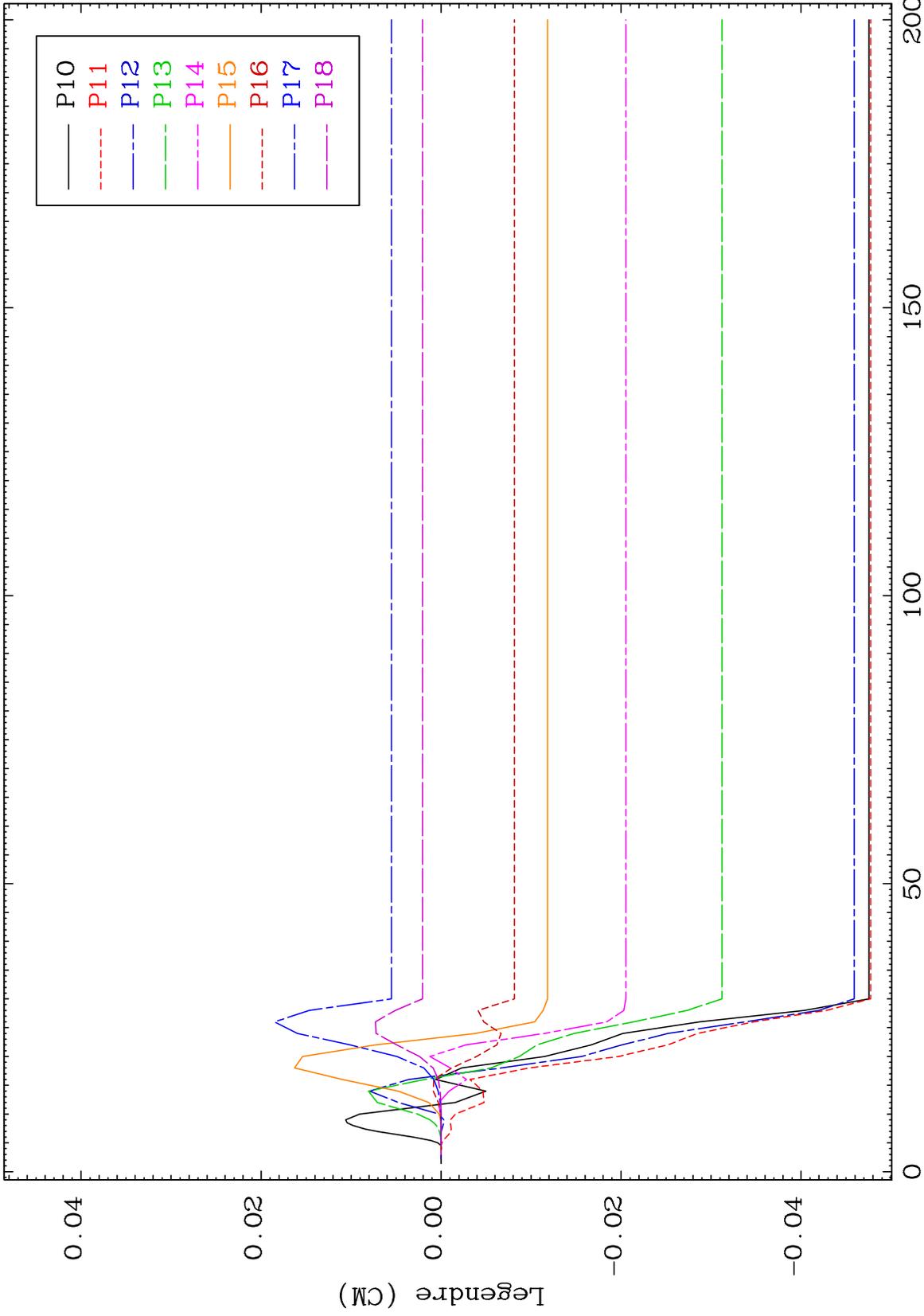


18 Incident Energy (MeV) 58-Ce-151

MAT 5870

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

58-Ce-151



19

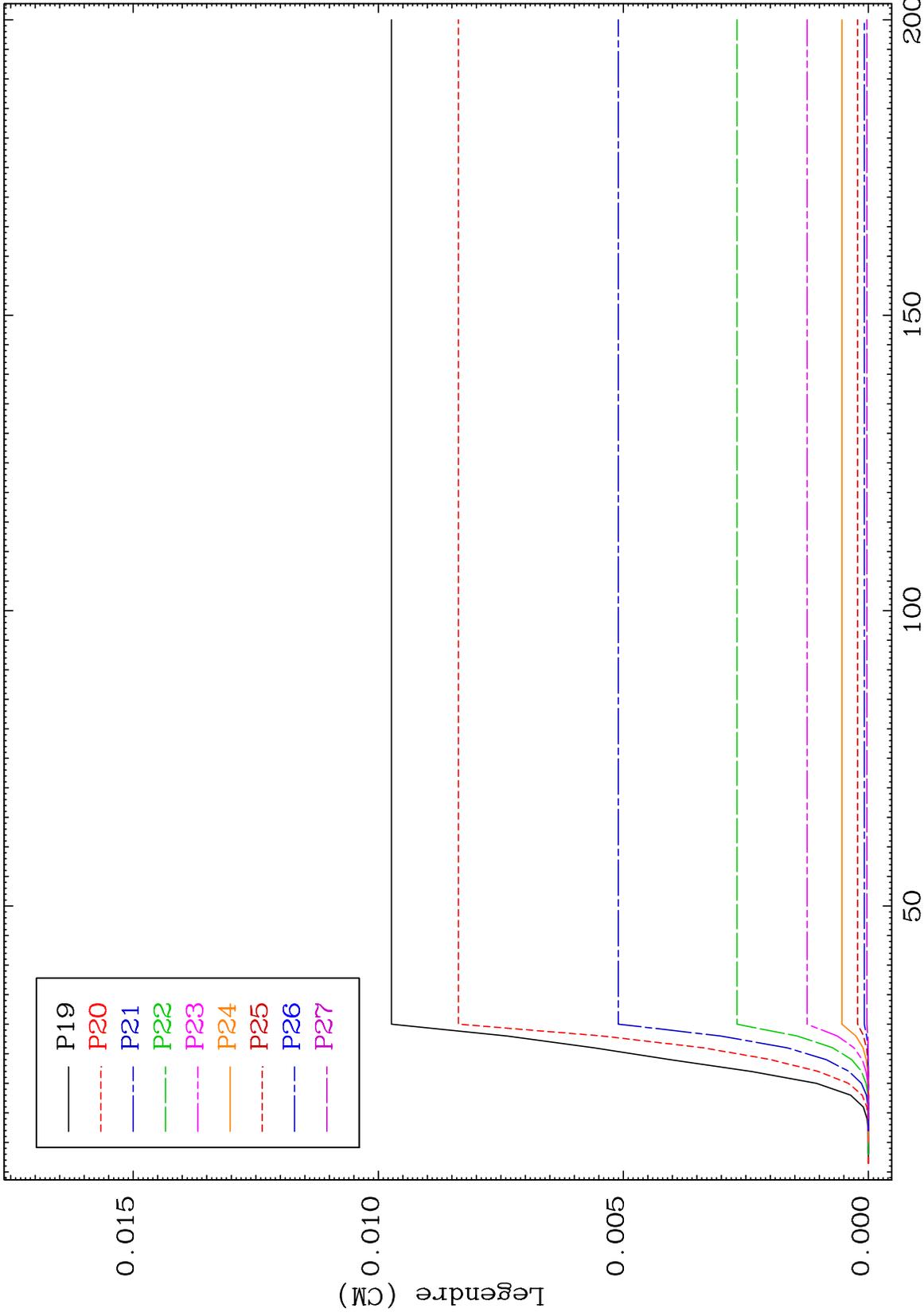
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



20

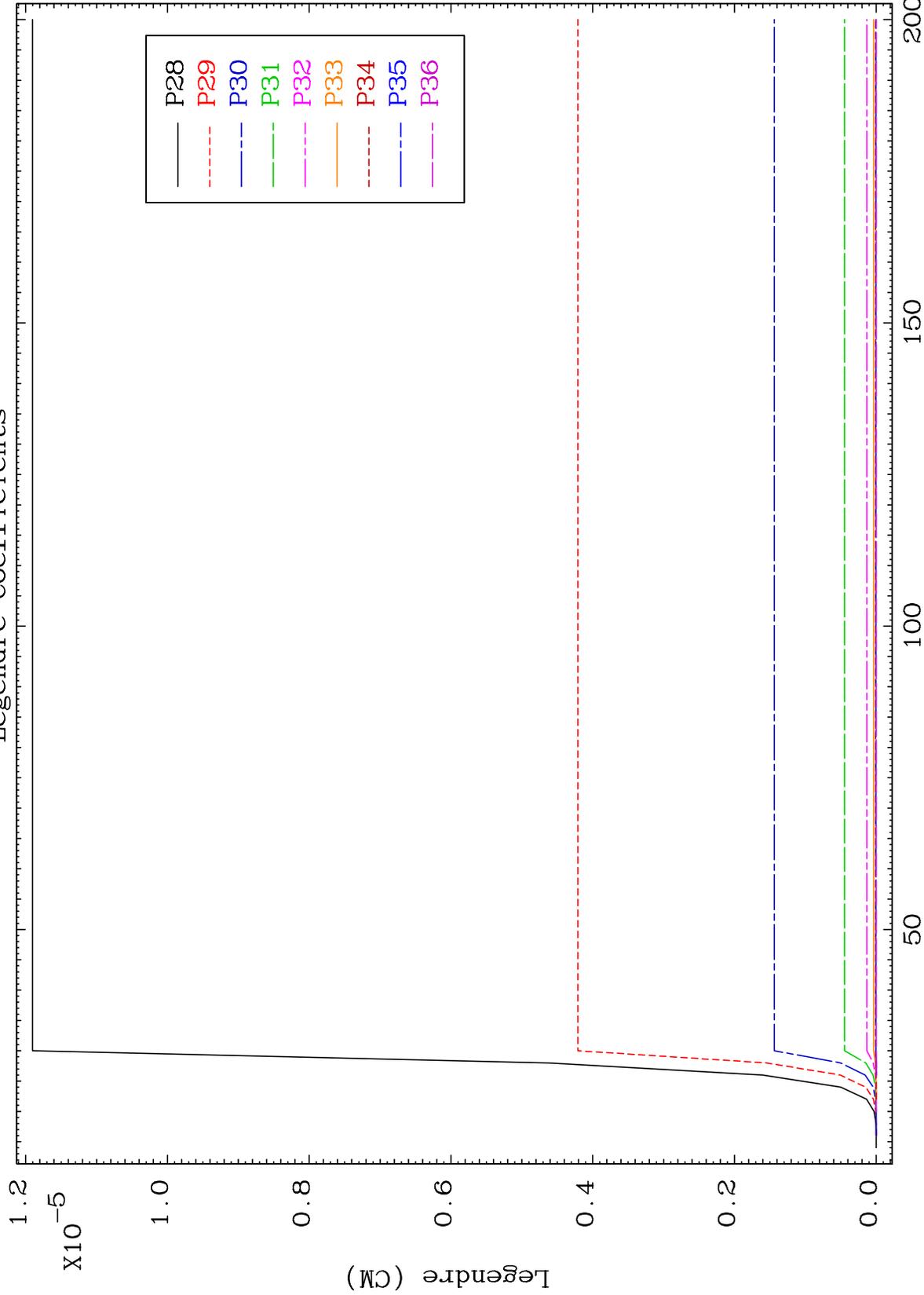
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



21

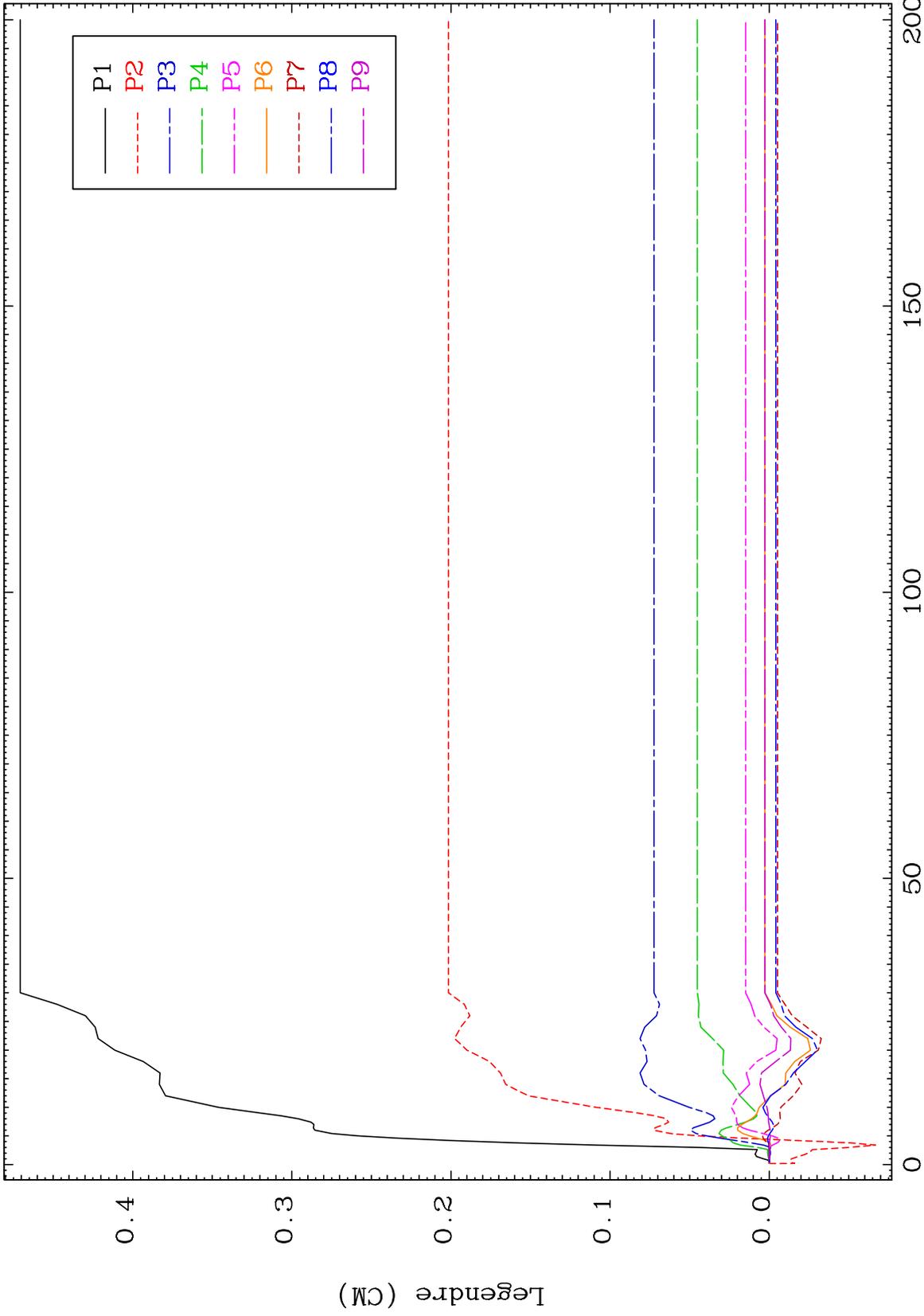
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



22

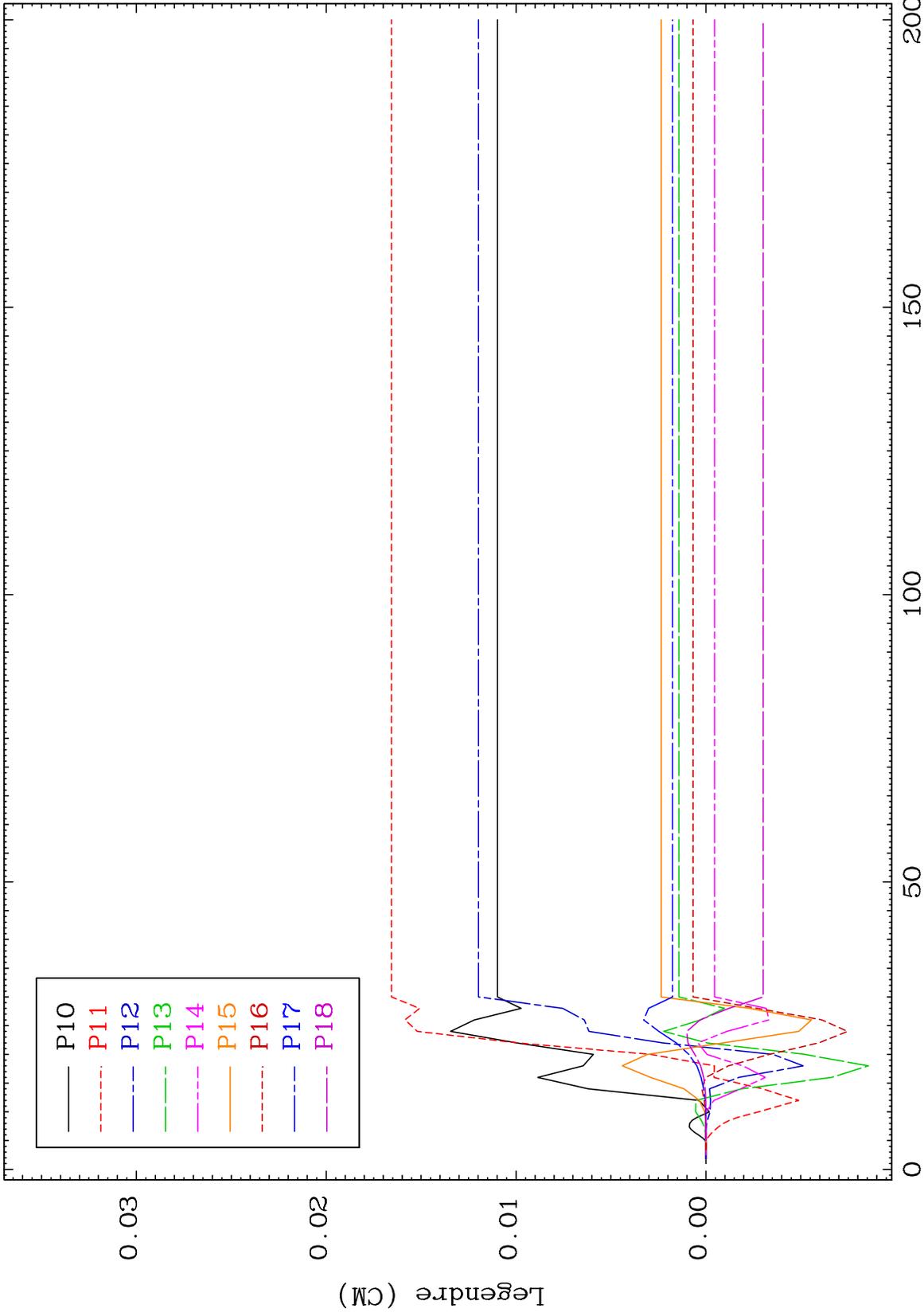
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



23

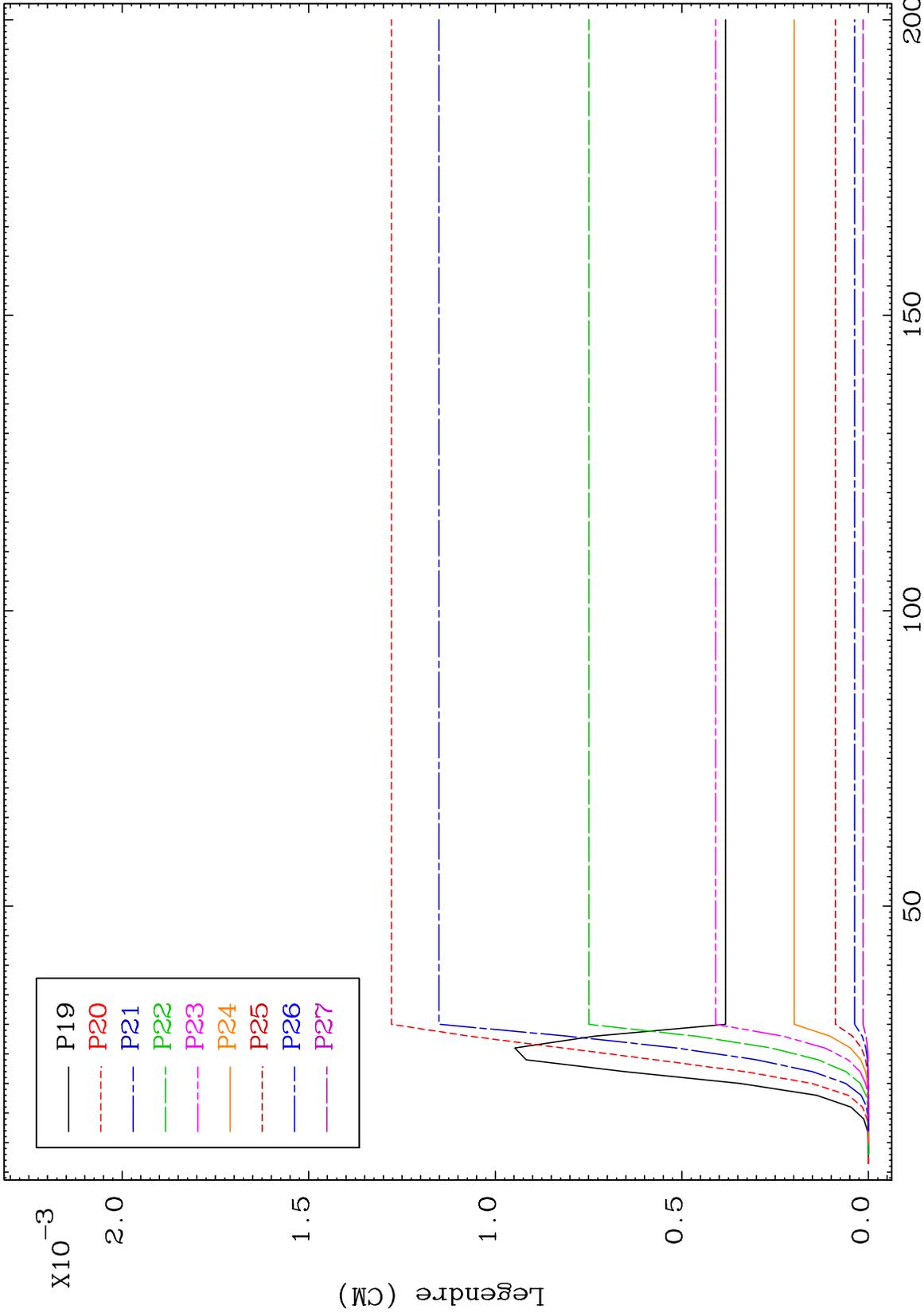
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



24

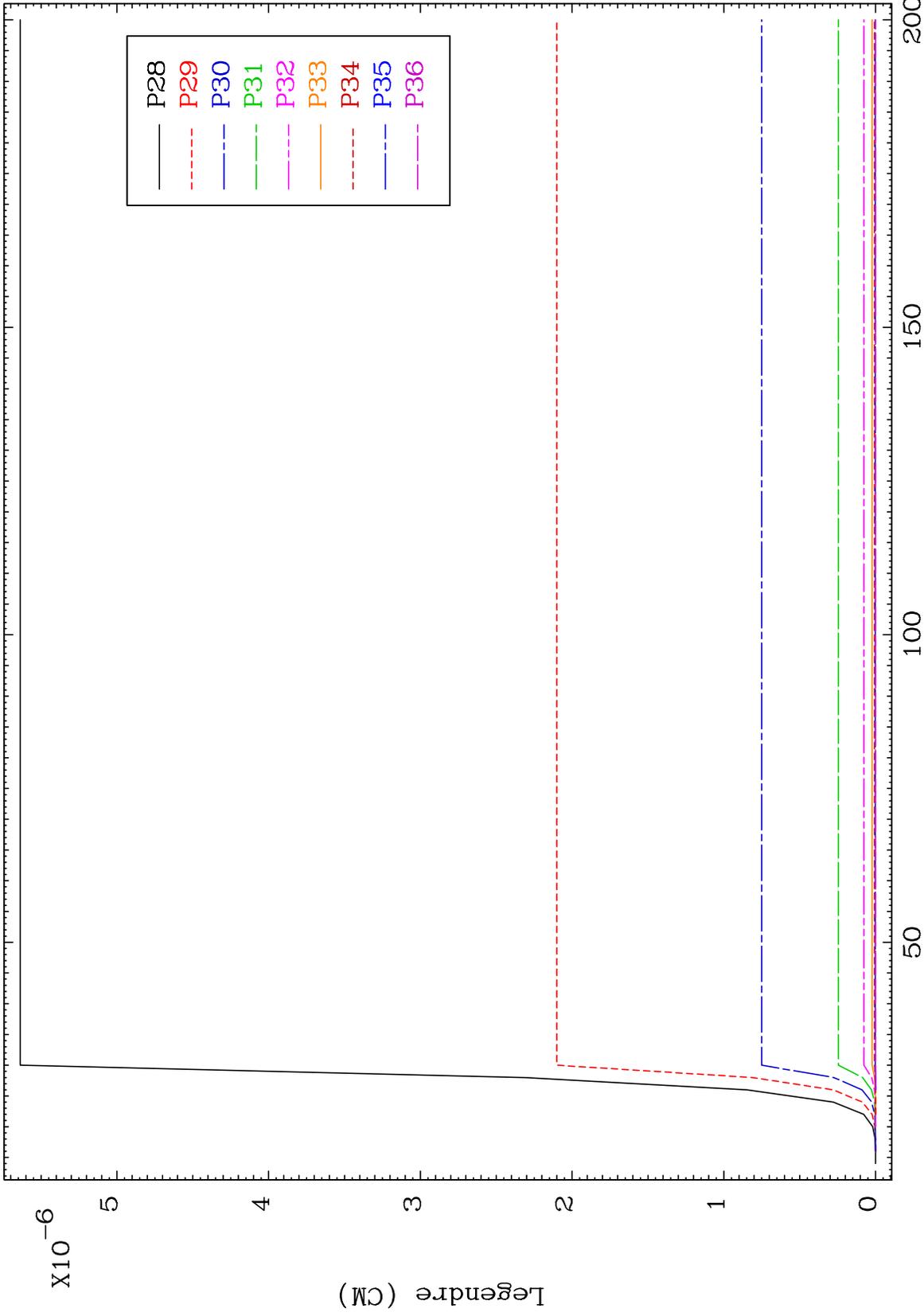
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



25

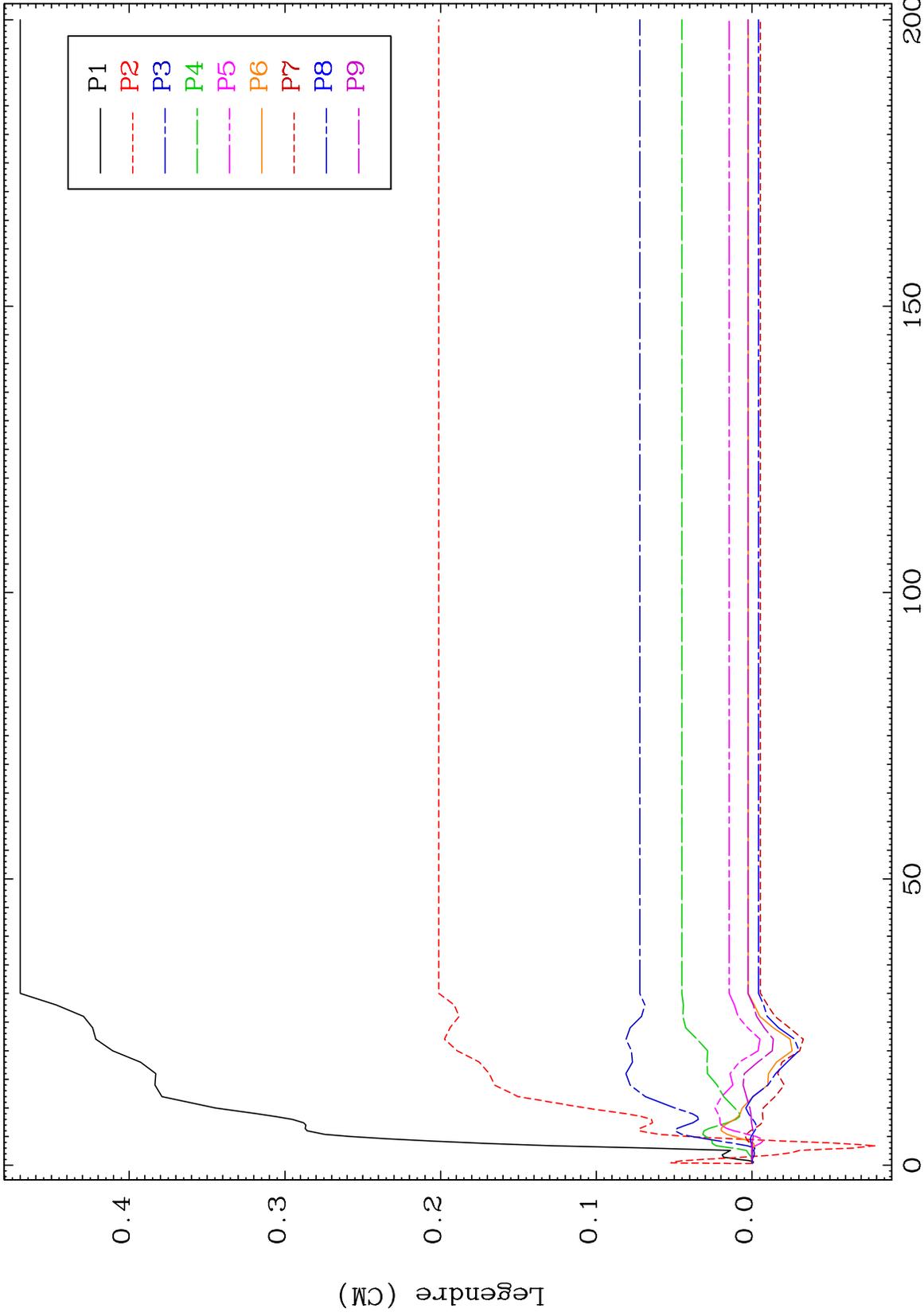
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



26

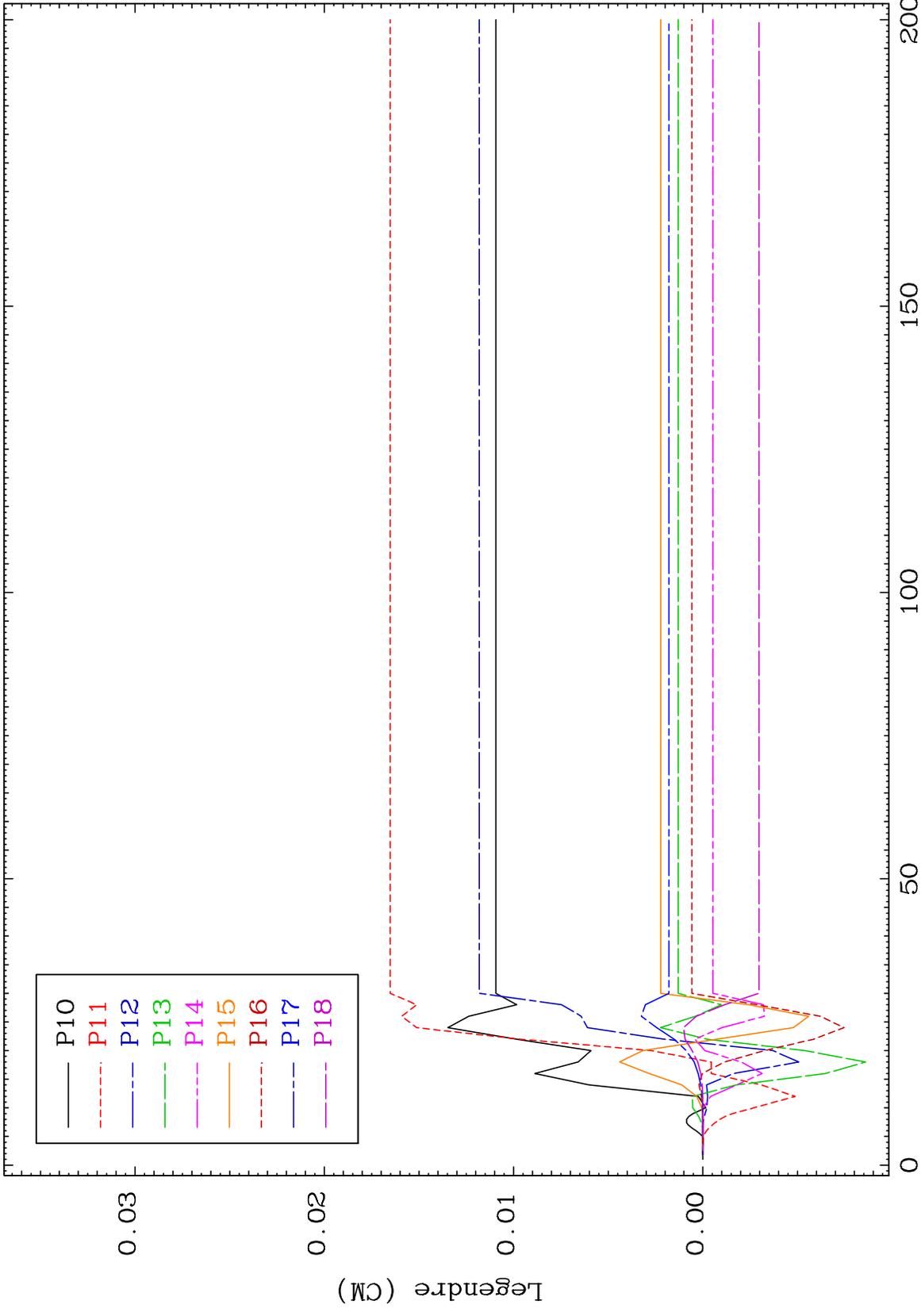
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



27

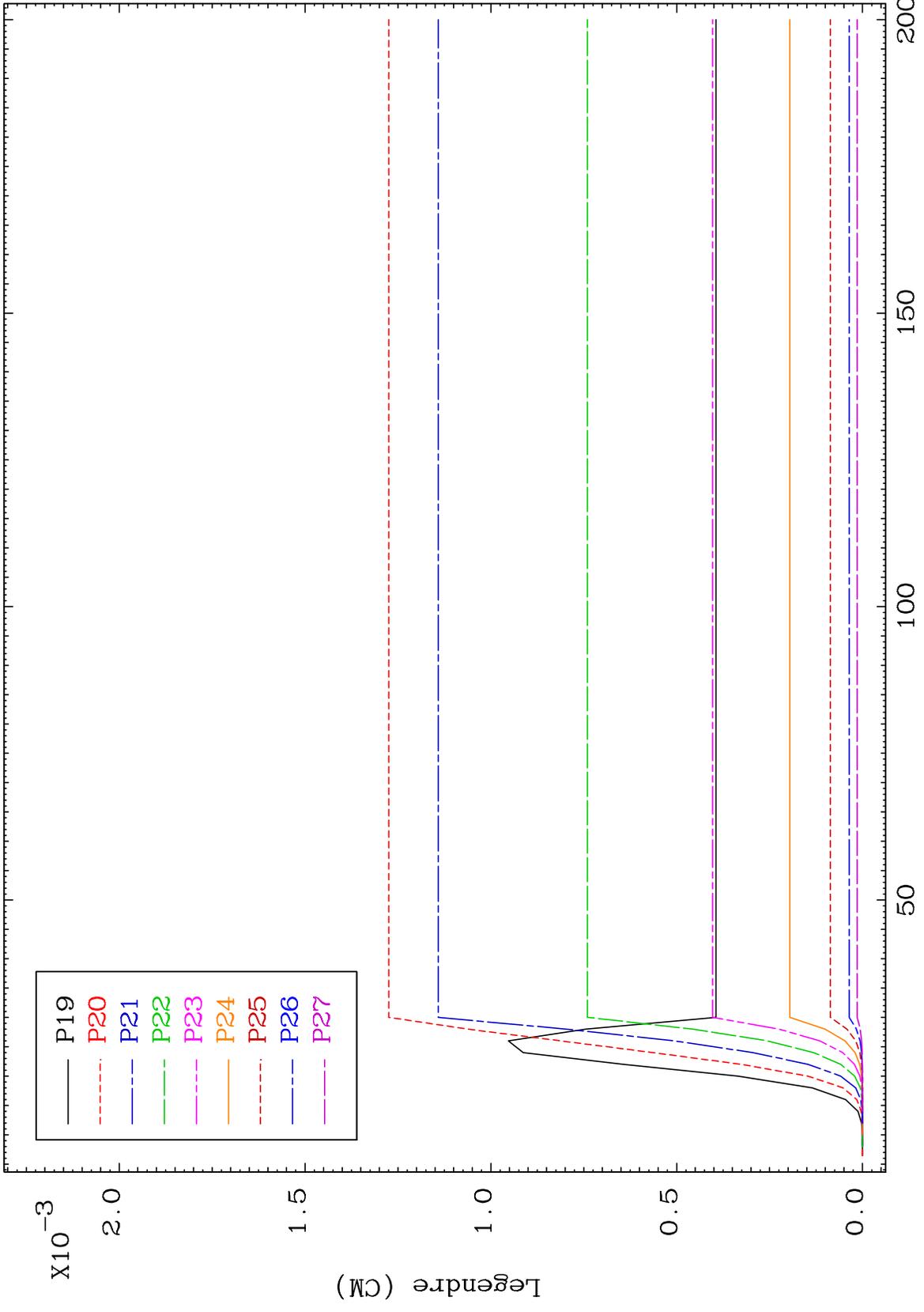
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



28

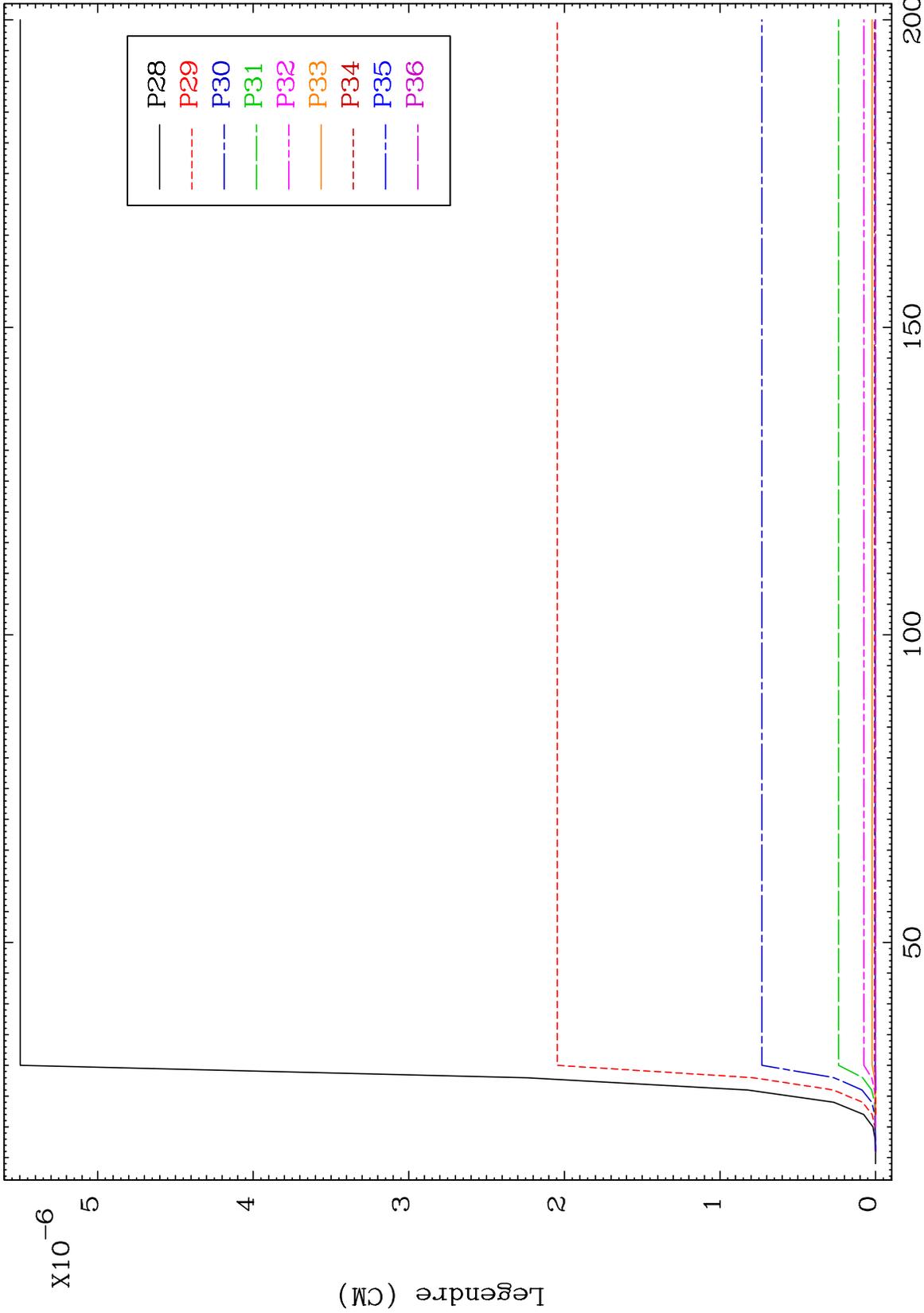
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

58-Ce-151



29

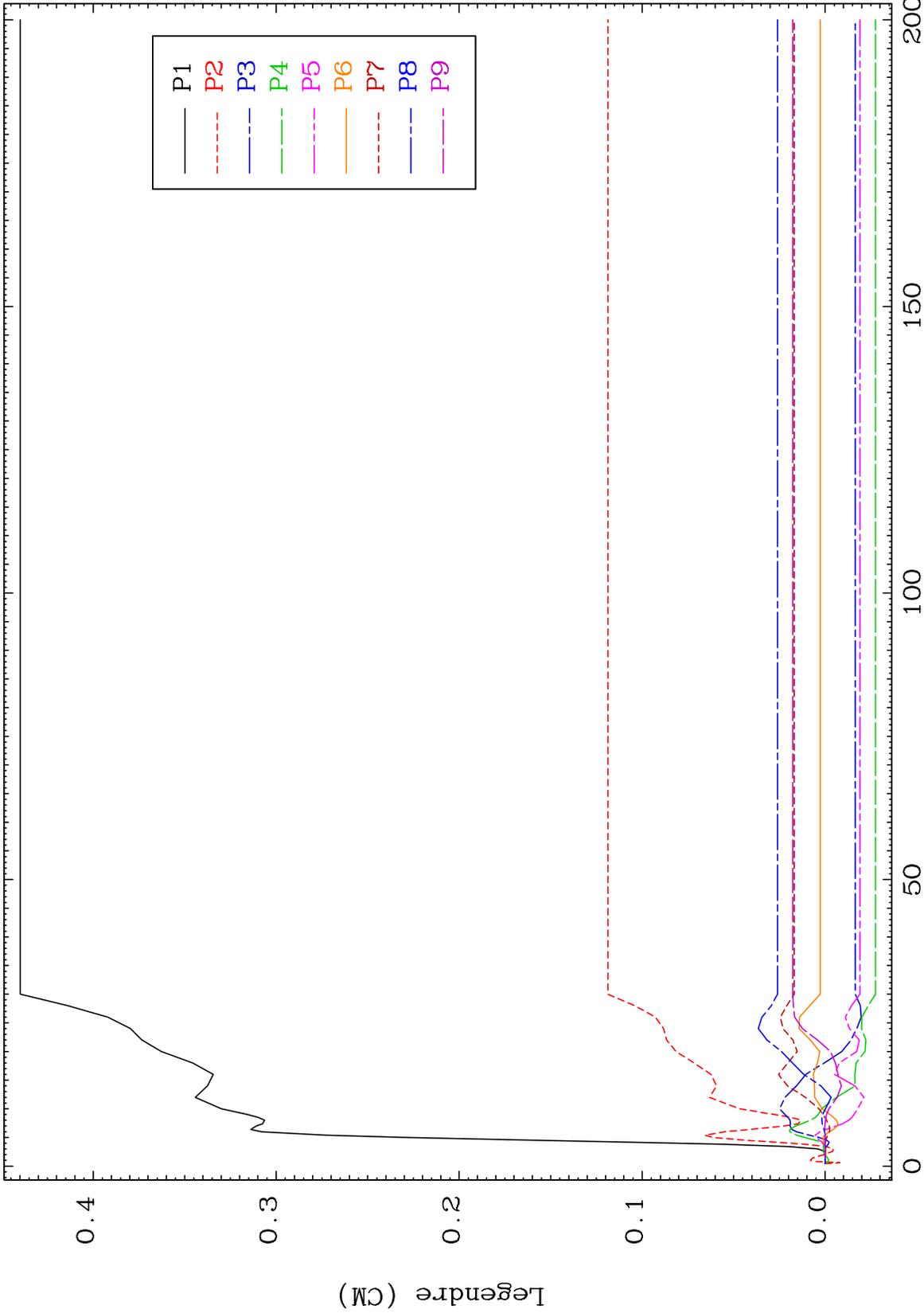
58-Ce-151

58-Ce-151

MAT 5870

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

58-Ce-151



58-Ce-151

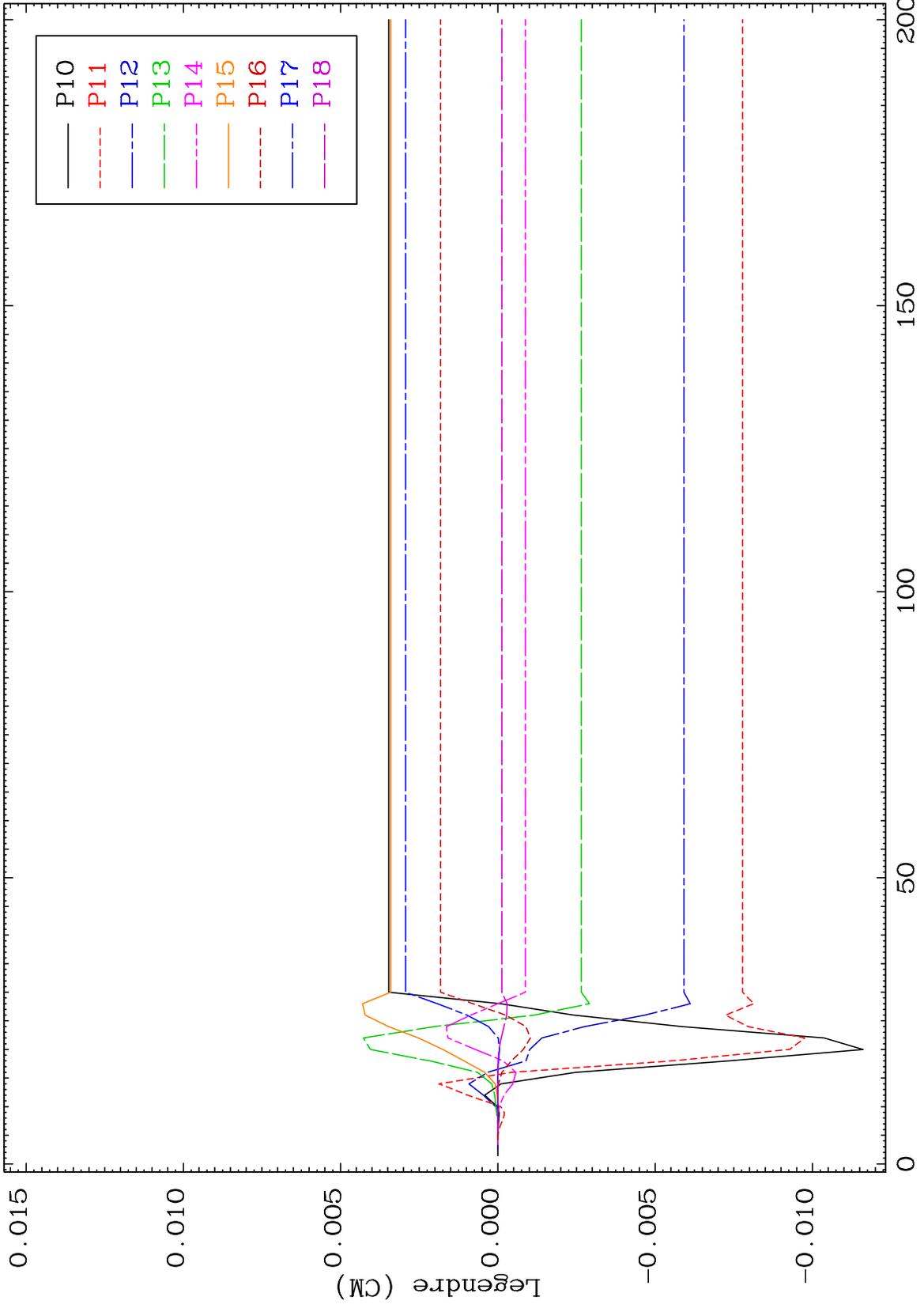
Incident Energy (MeV)

30

MAT 5870

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

58-Ce-151

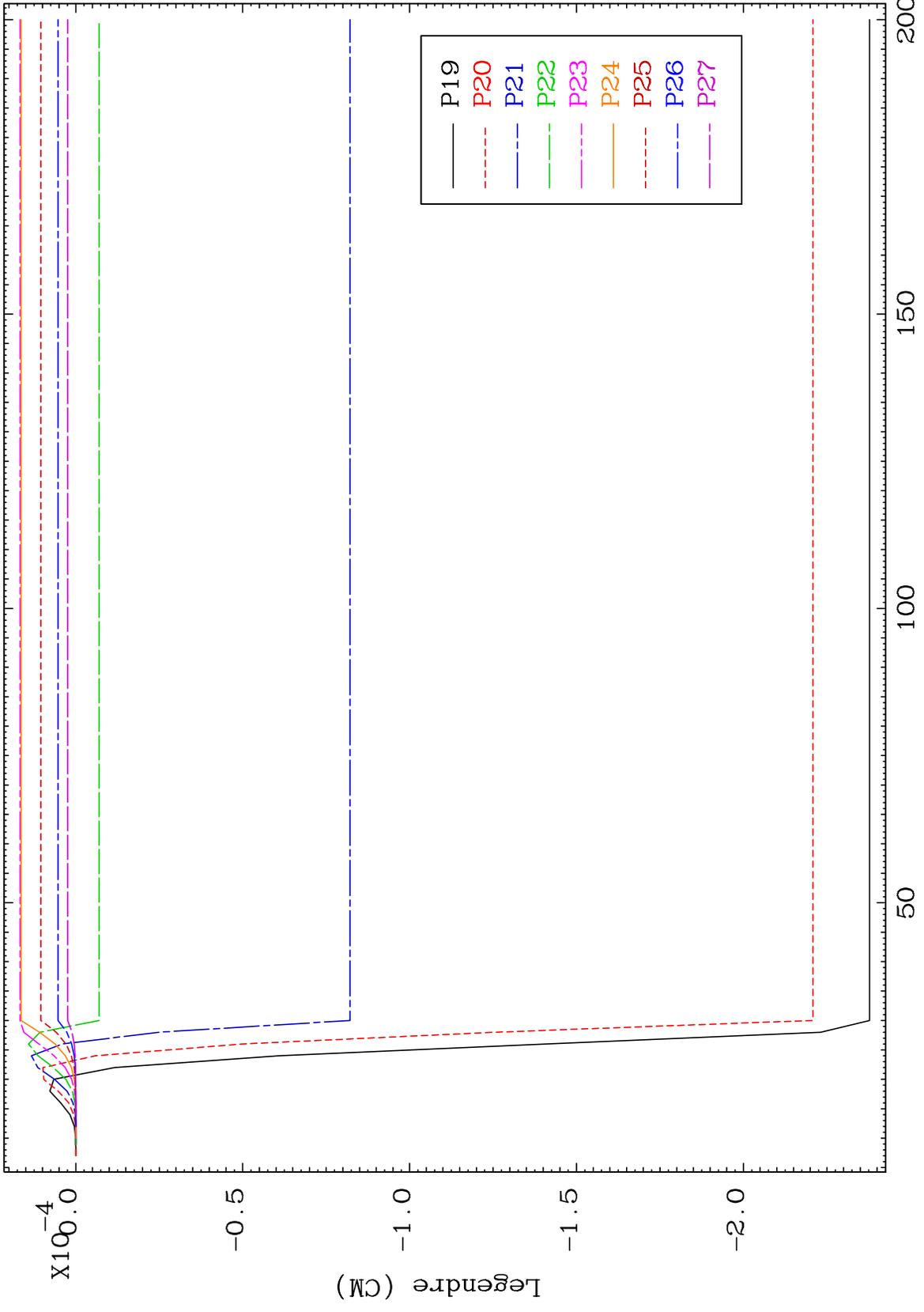


31

Incident Energy (MeV)

58-Ce-151

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

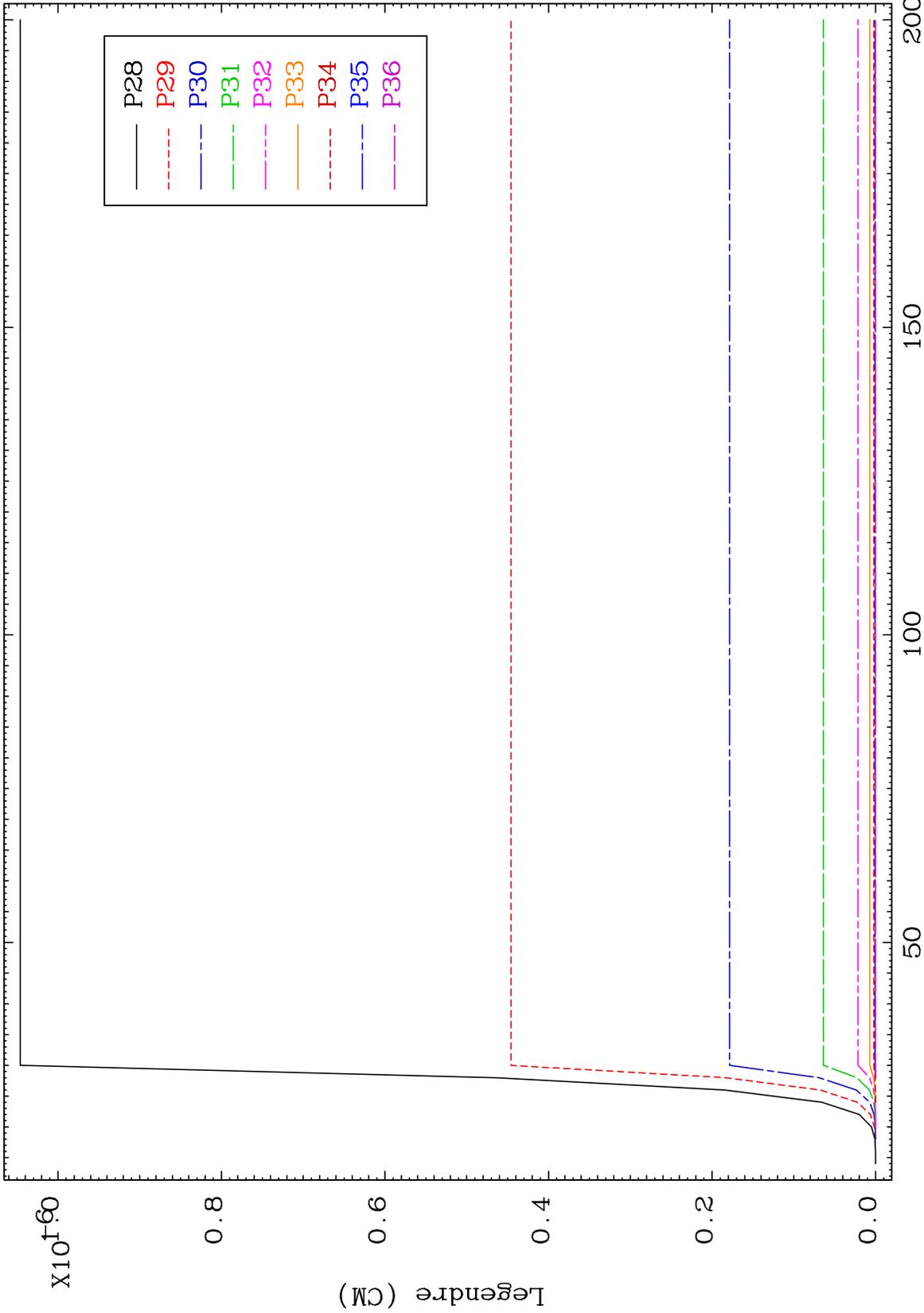


32 58-Ce-151

MAT 5870

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

58-Ce-151



33

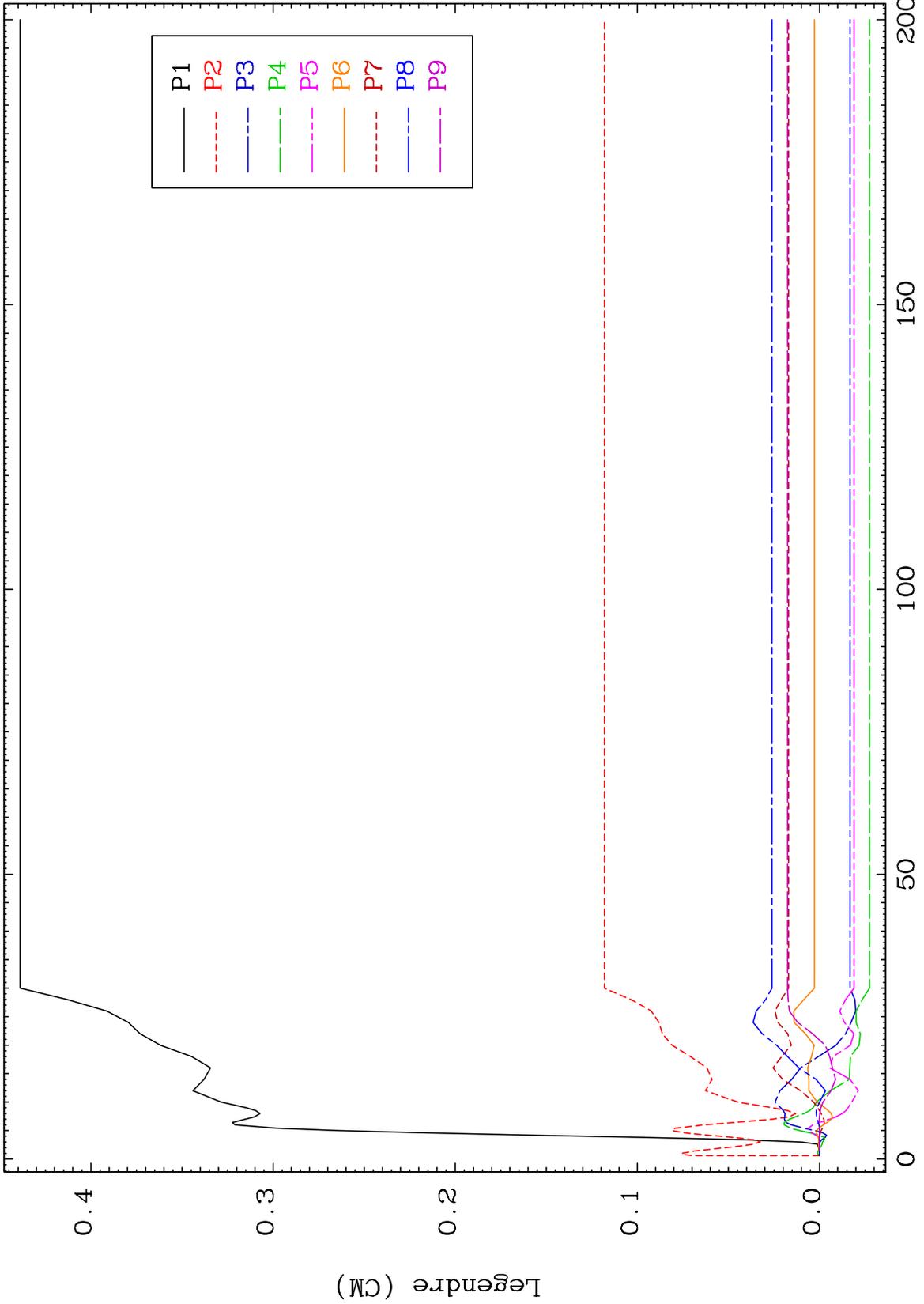
Incident Energy (MeV)

58-Ce-151

MAT 5870

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

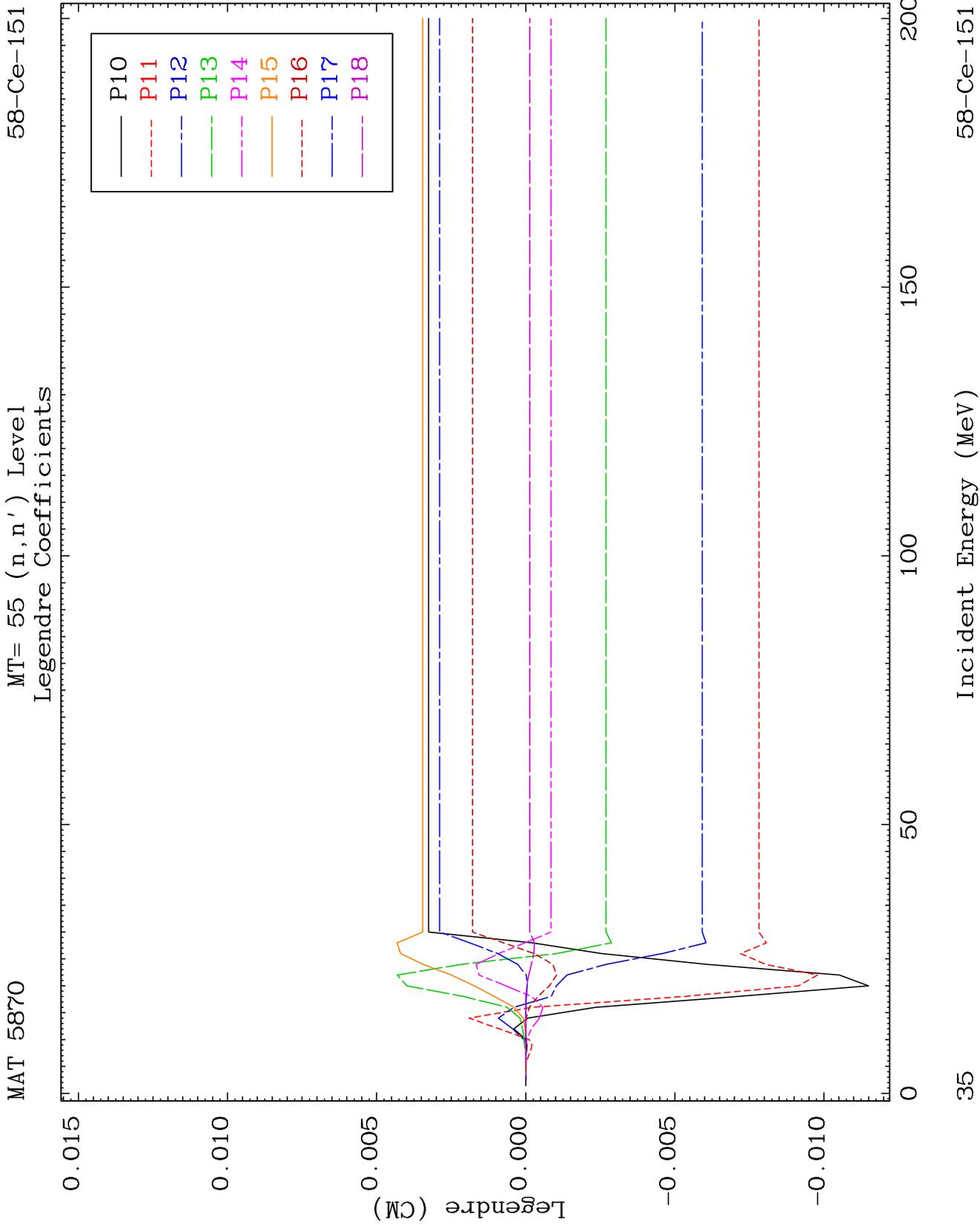
58-Ce-151



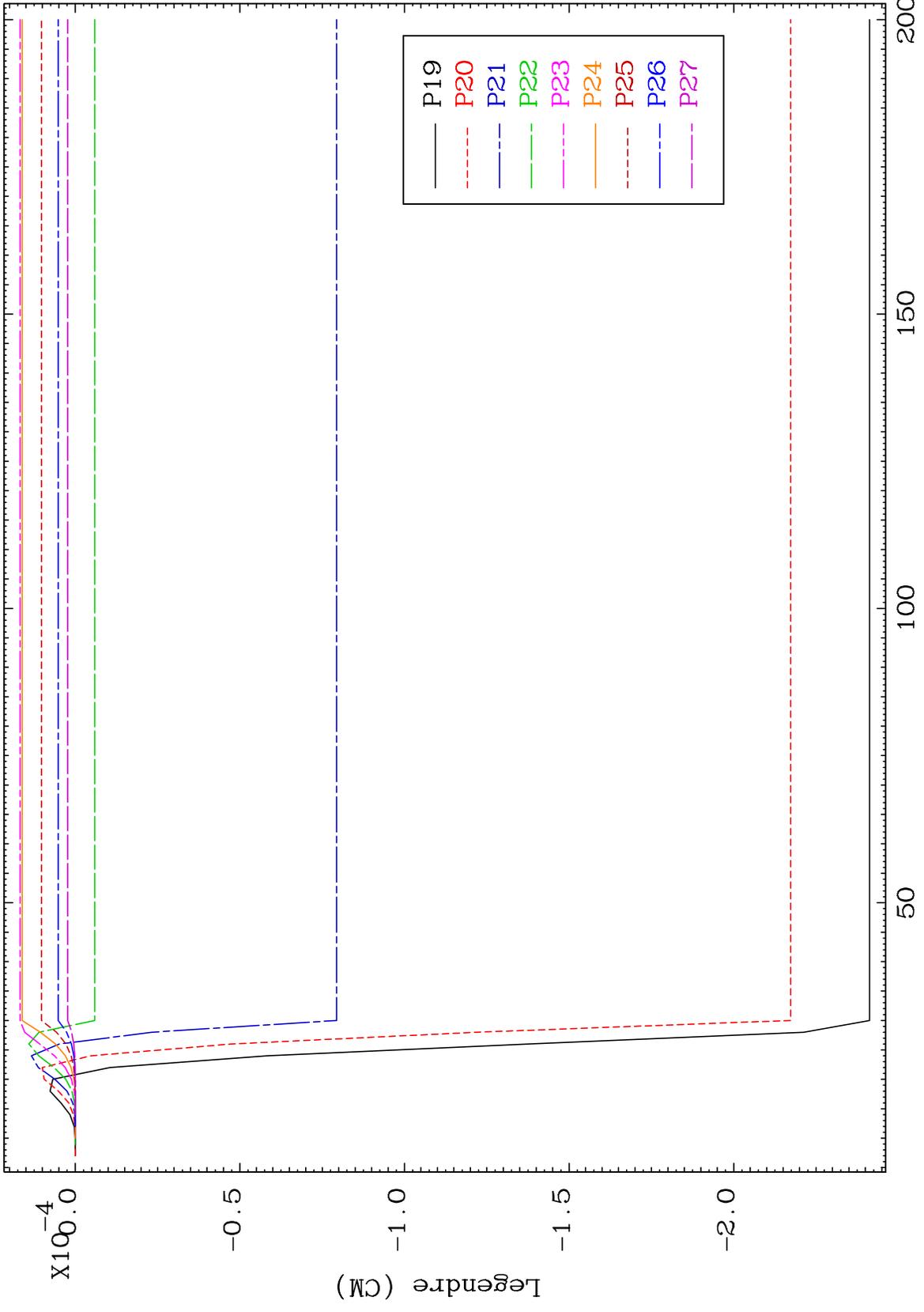
34

Incident Energy (MeV)

58-Ce-151



MAT 5870 MT= 55 (n,n') Level Legendre Coefficients 58-Ce-151

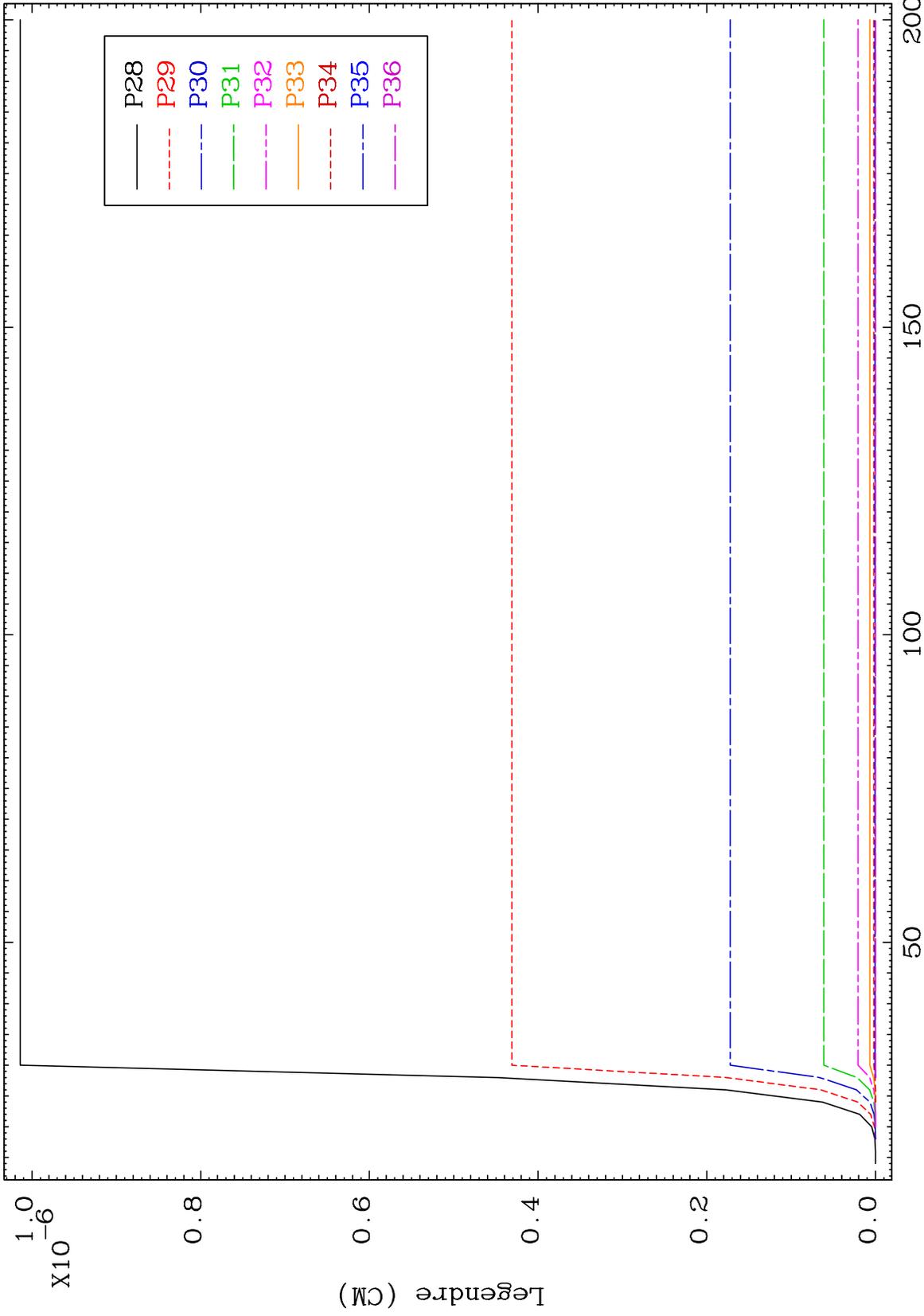


36 Incident Energy (MeV) 58-Ce-151

MAT 5870

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

58-Ce-151



37

Incident Energy (MeV)

58-Ce-151