

Program EVALPLOT  
(Version 2018-1)

by

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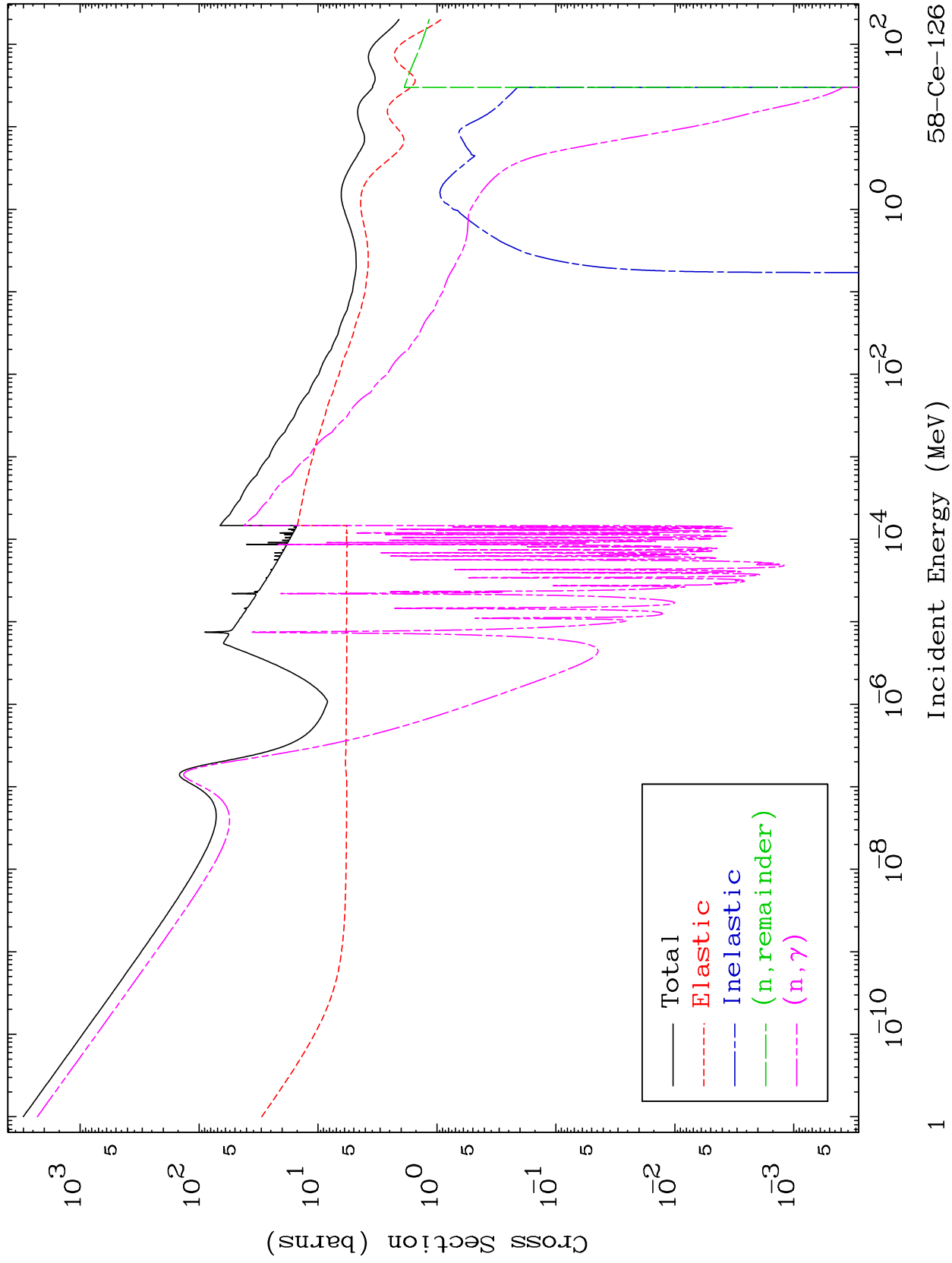
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5795

Major  
293 Kelvin Cross Sections

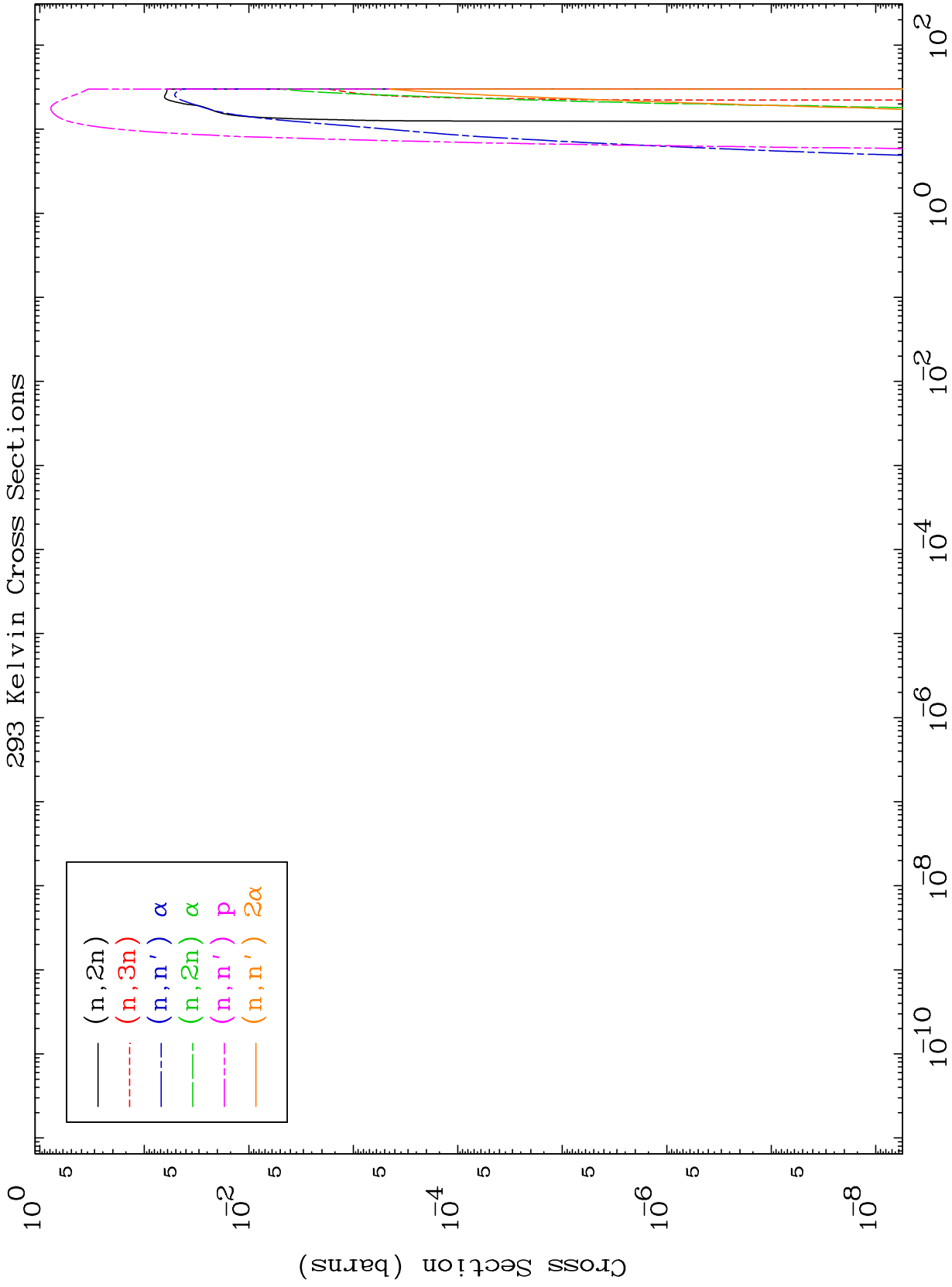
58-Ce-126



MAT 5795

Neutron Production  
293 Kelvin Cross Sections

58-Ce-126



2

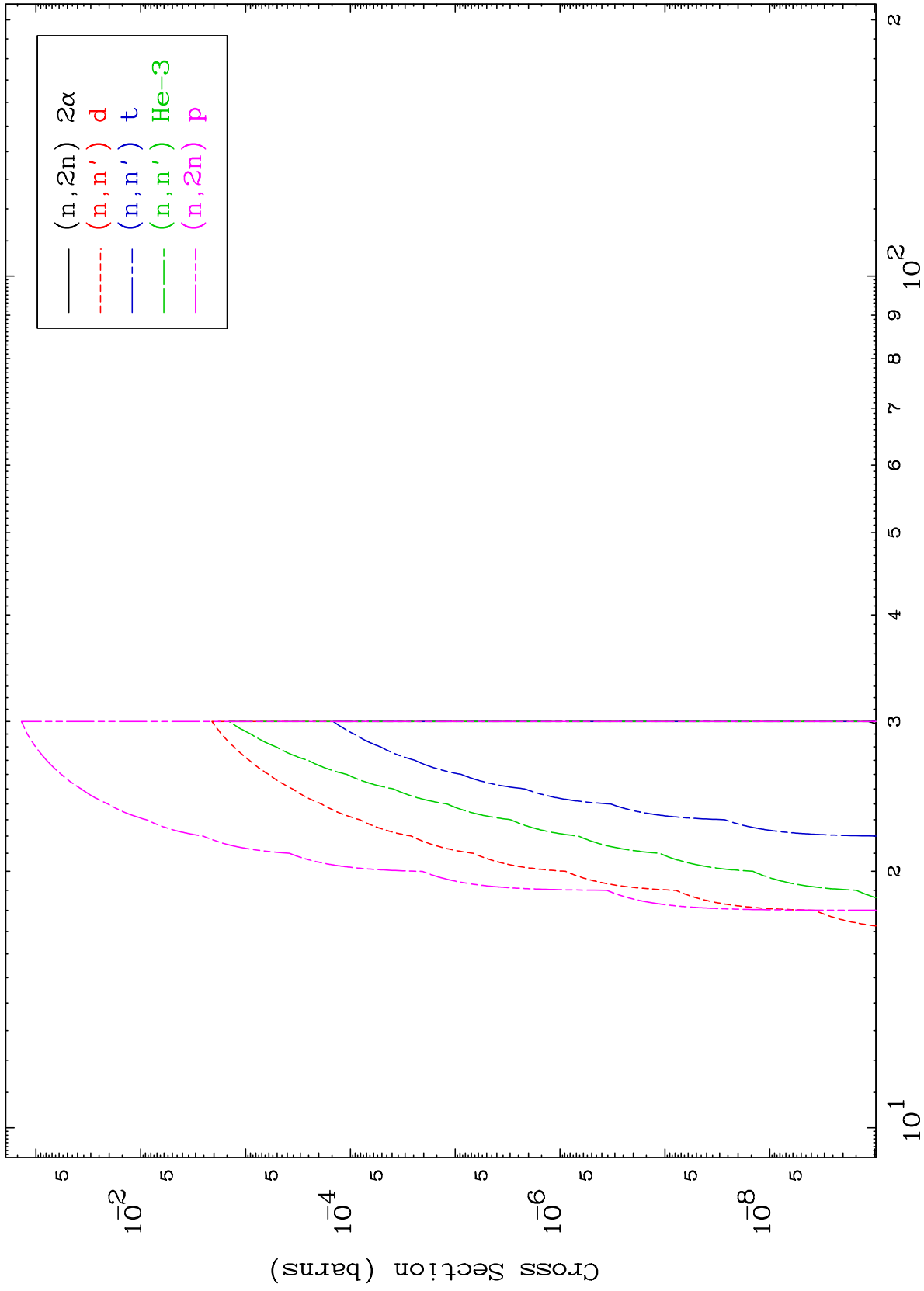
Incident Energy (MeV)

58-Ce-126

MAT 5795

Neutron Production  
293 Kelvin Cross Sections

58-Ce-126



3

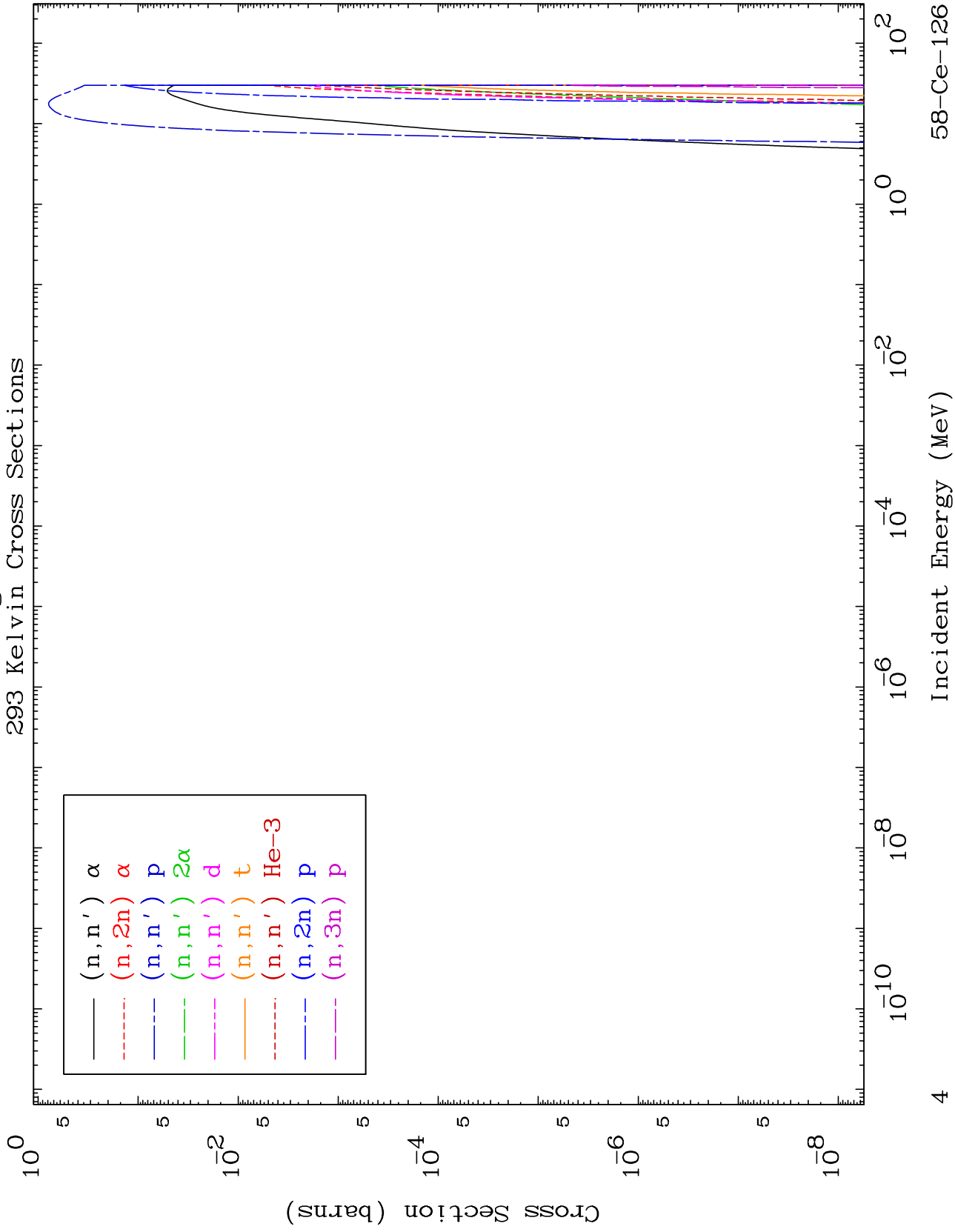
Incident Energy (MeV)

58-Ce-126

MAT 5795

Charged Particle  
293 Kelvin Cross Sections

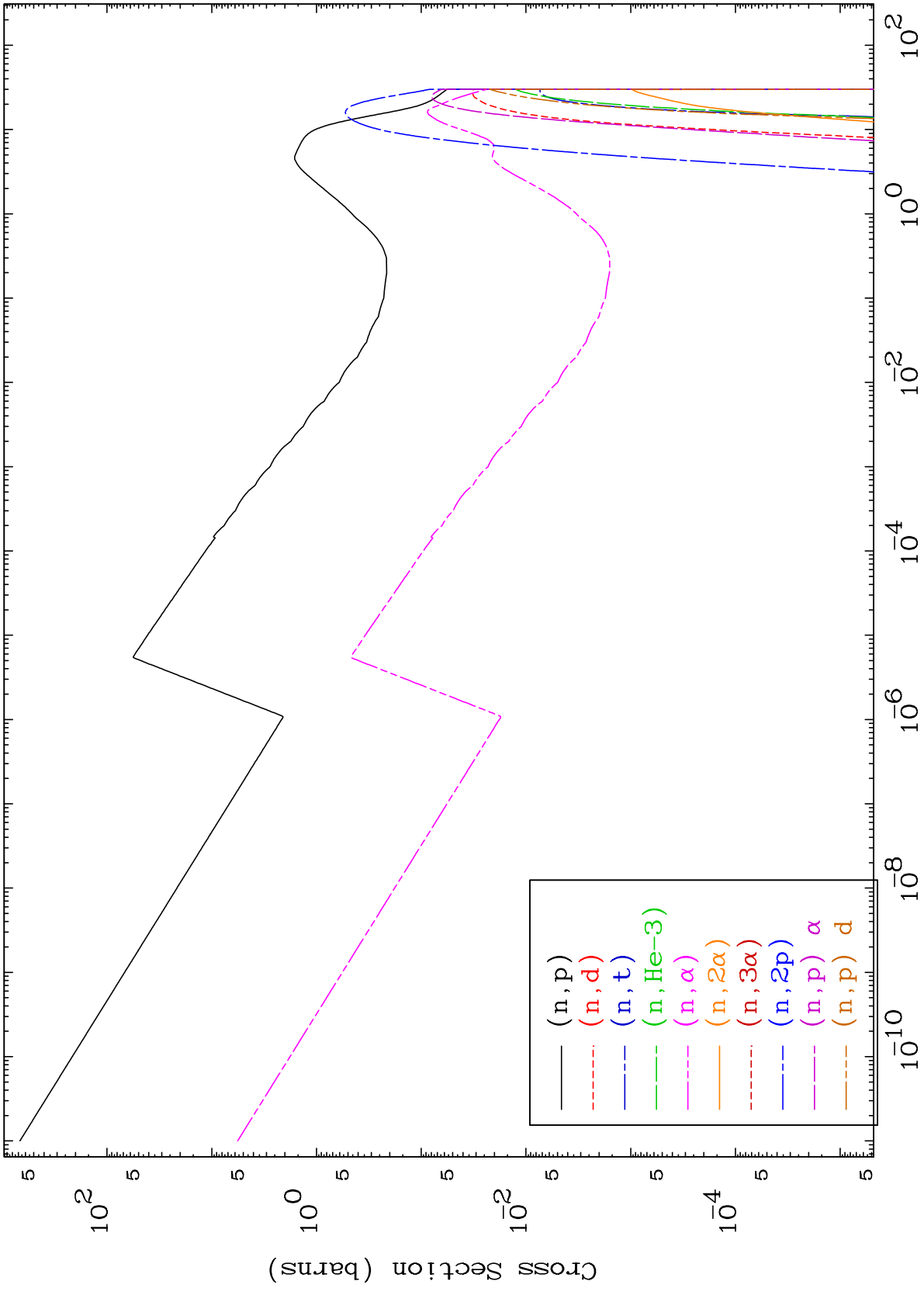
58-Ce-126



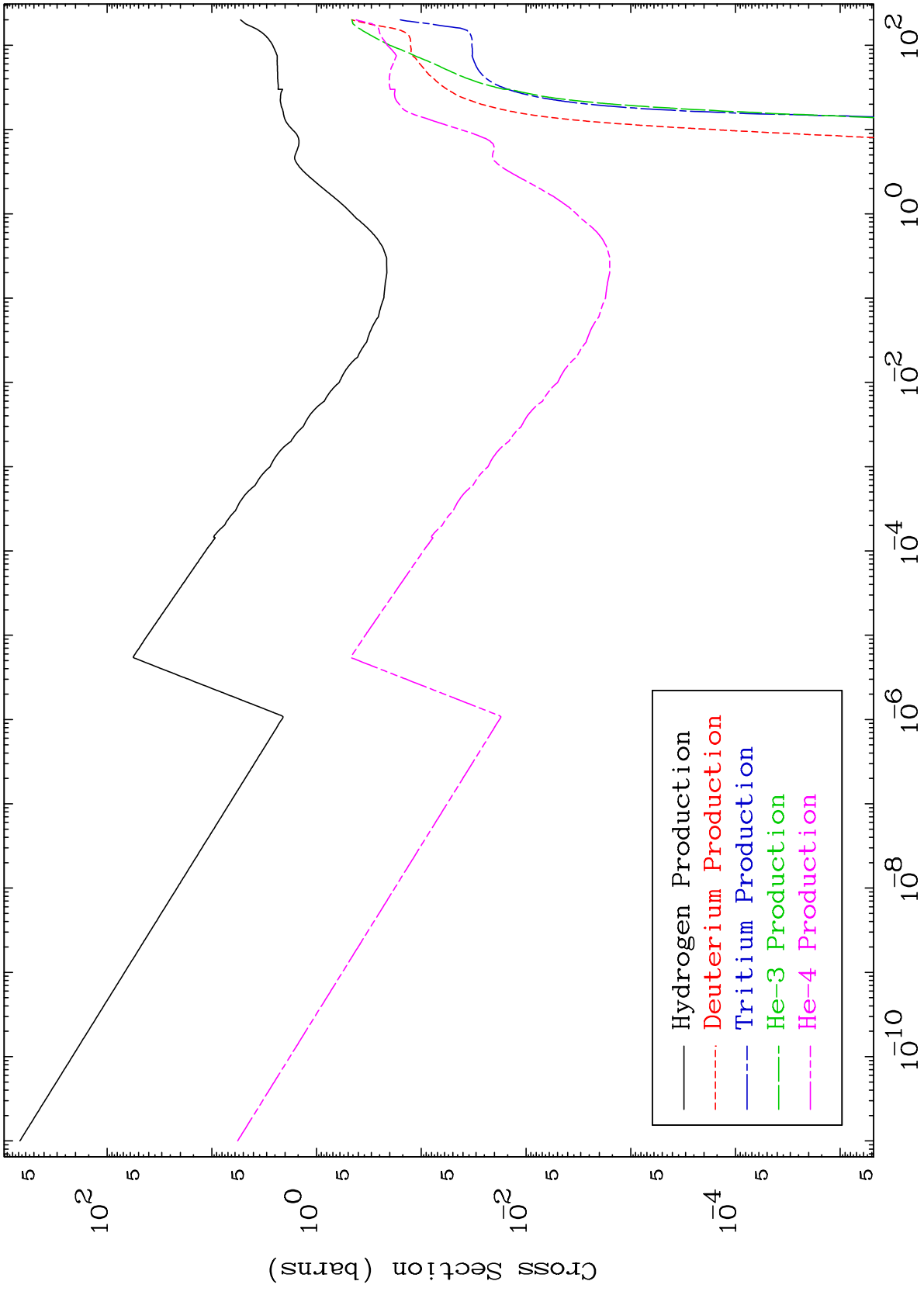
MAT 5795

Charged Particle  
293 Kelvin Cross Sections

58-Ce-126



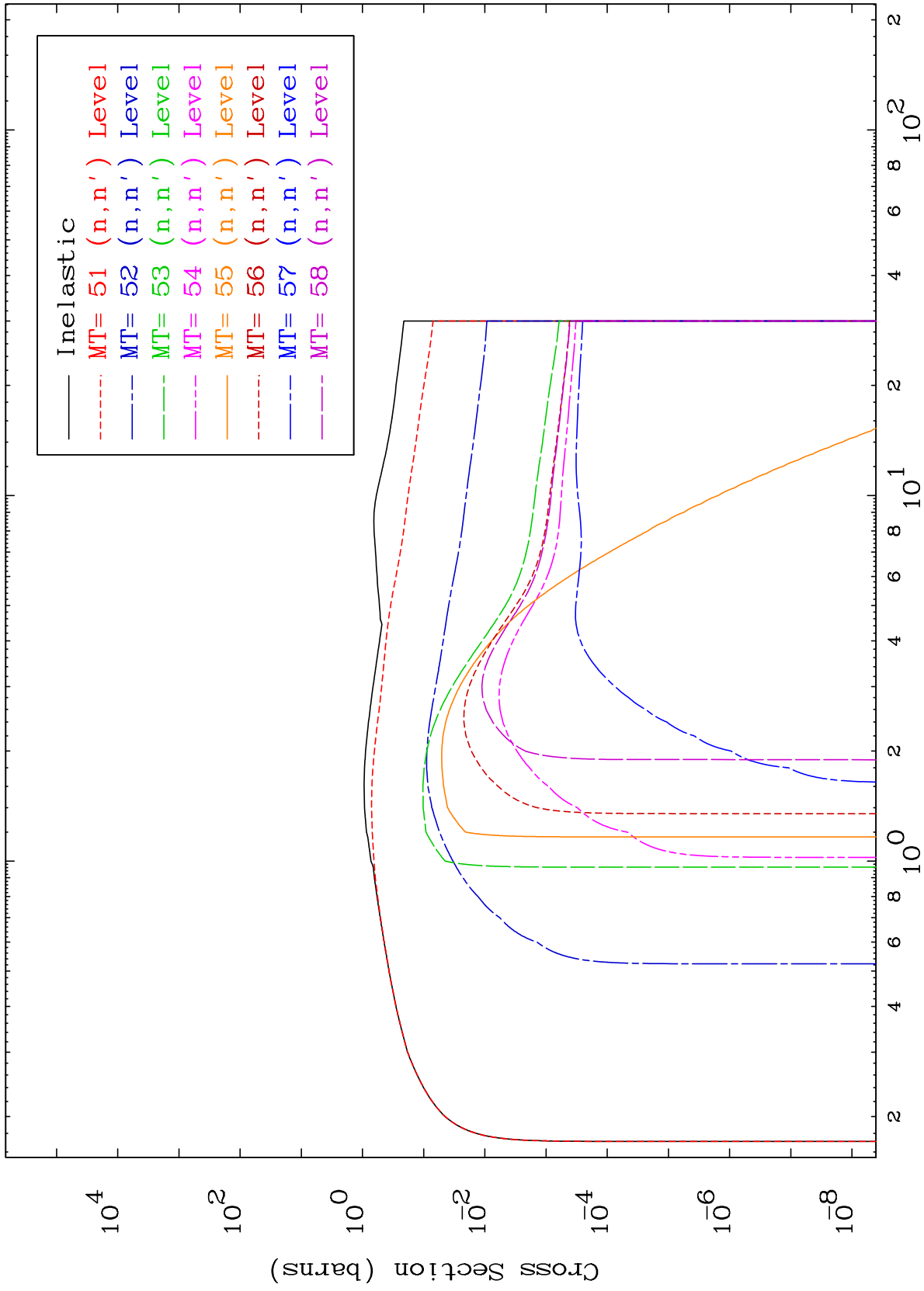
58-Ce-126



MAT 5795

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-126



7

Incident Energy (MeV)

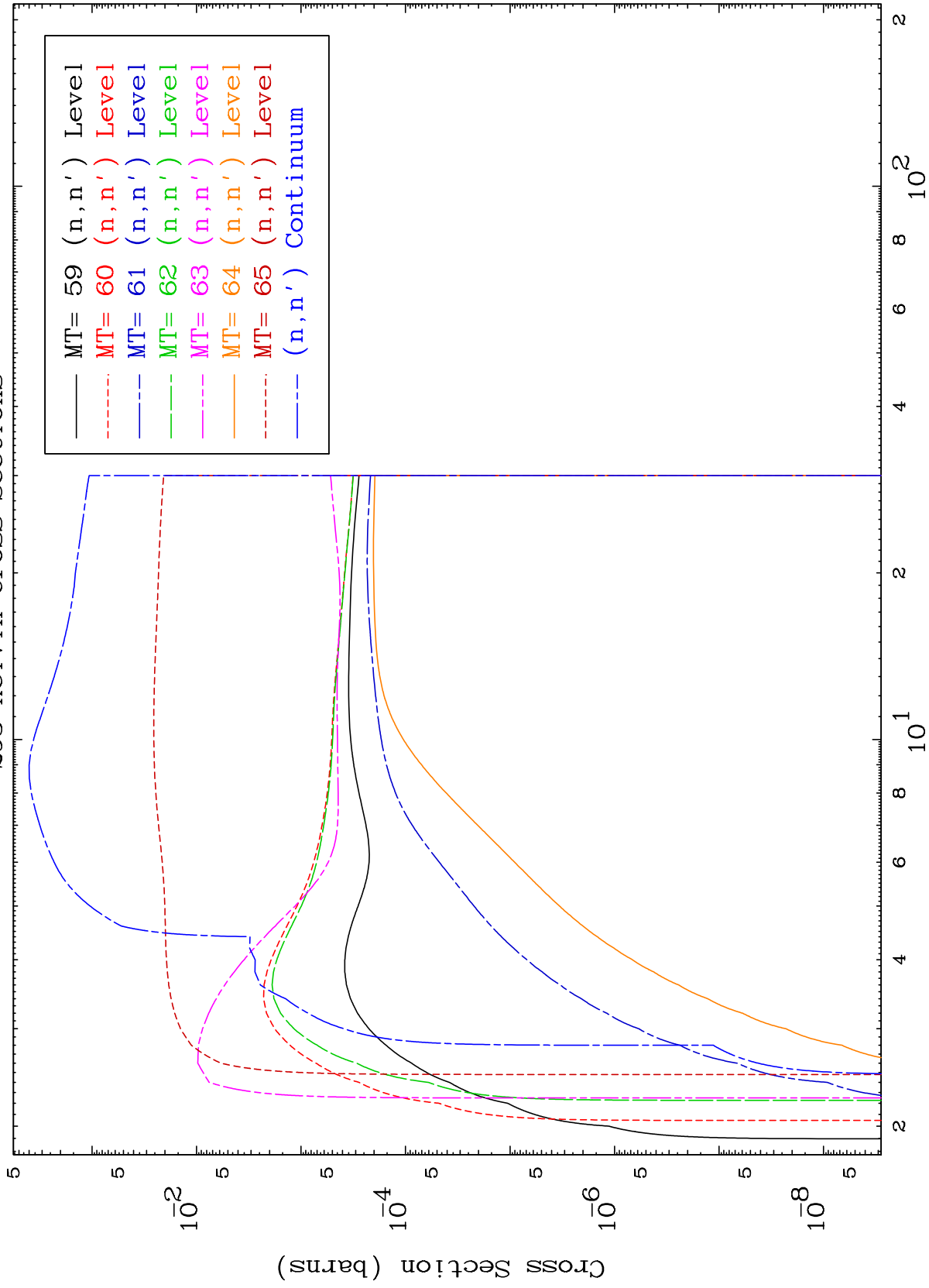
58-Ce-126



MAT 5795

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-126



8

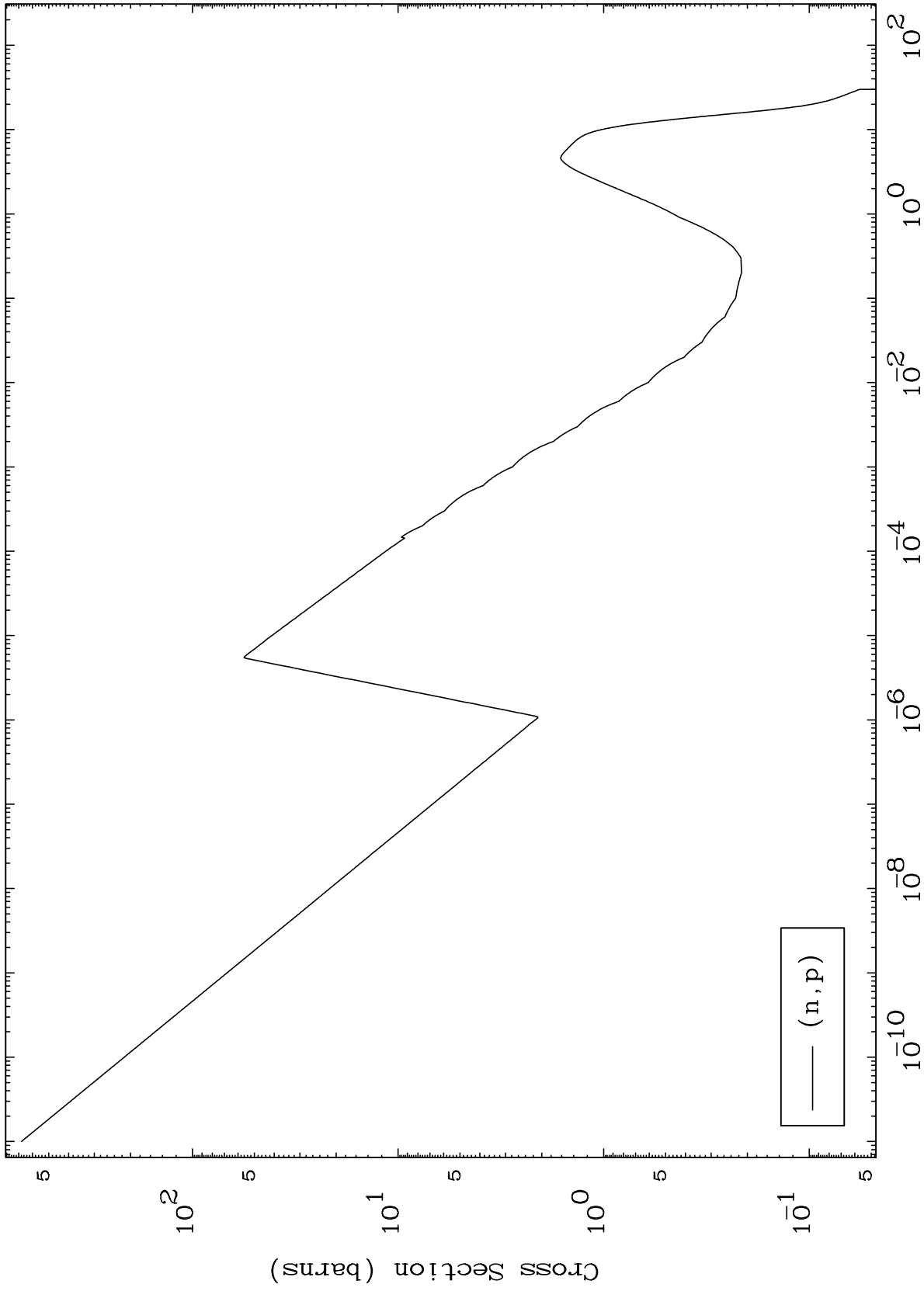
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,p) Levels  
293 Kelvin Cross Sections

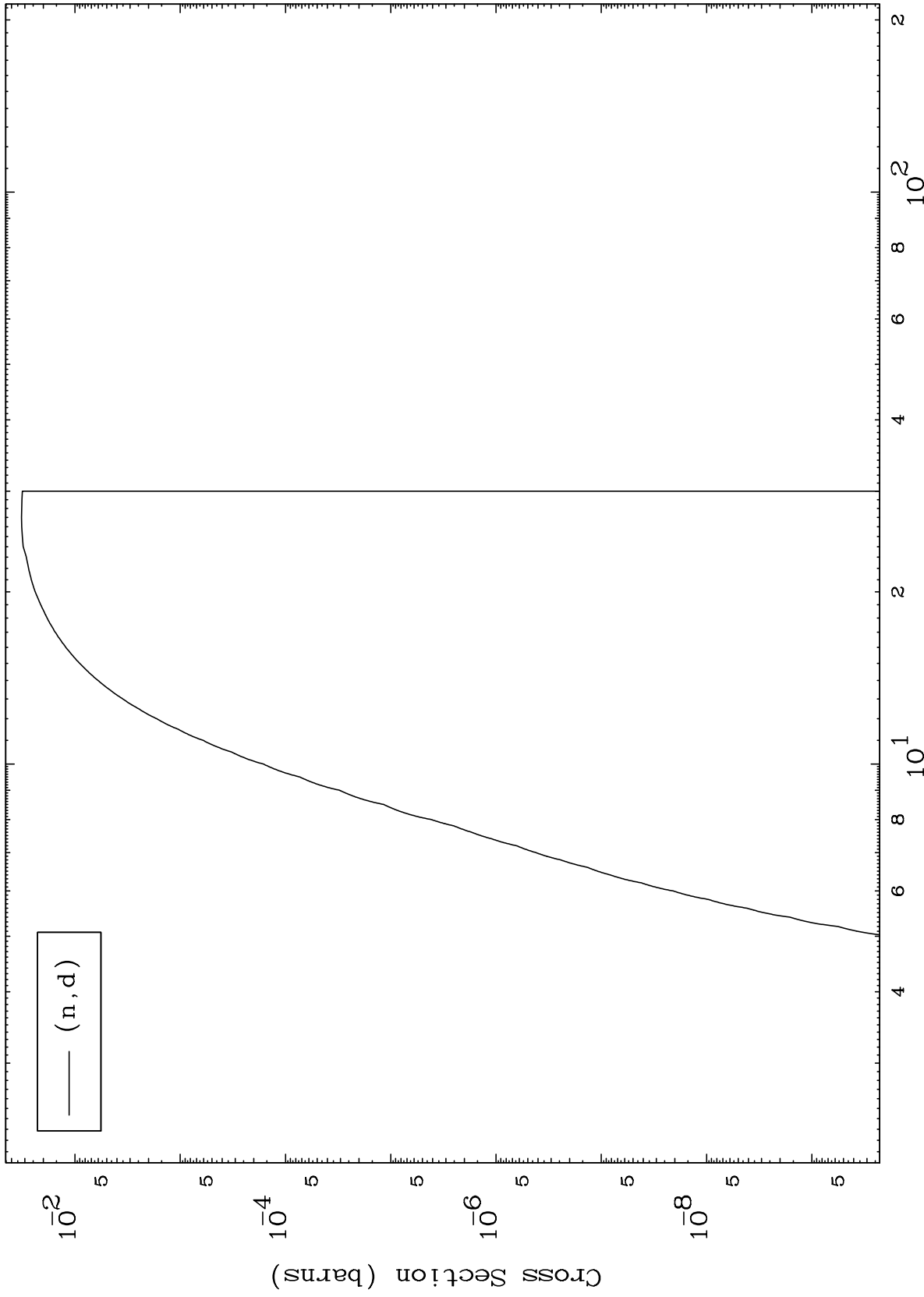
58-Ce-126



MAT 5795

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-126



10

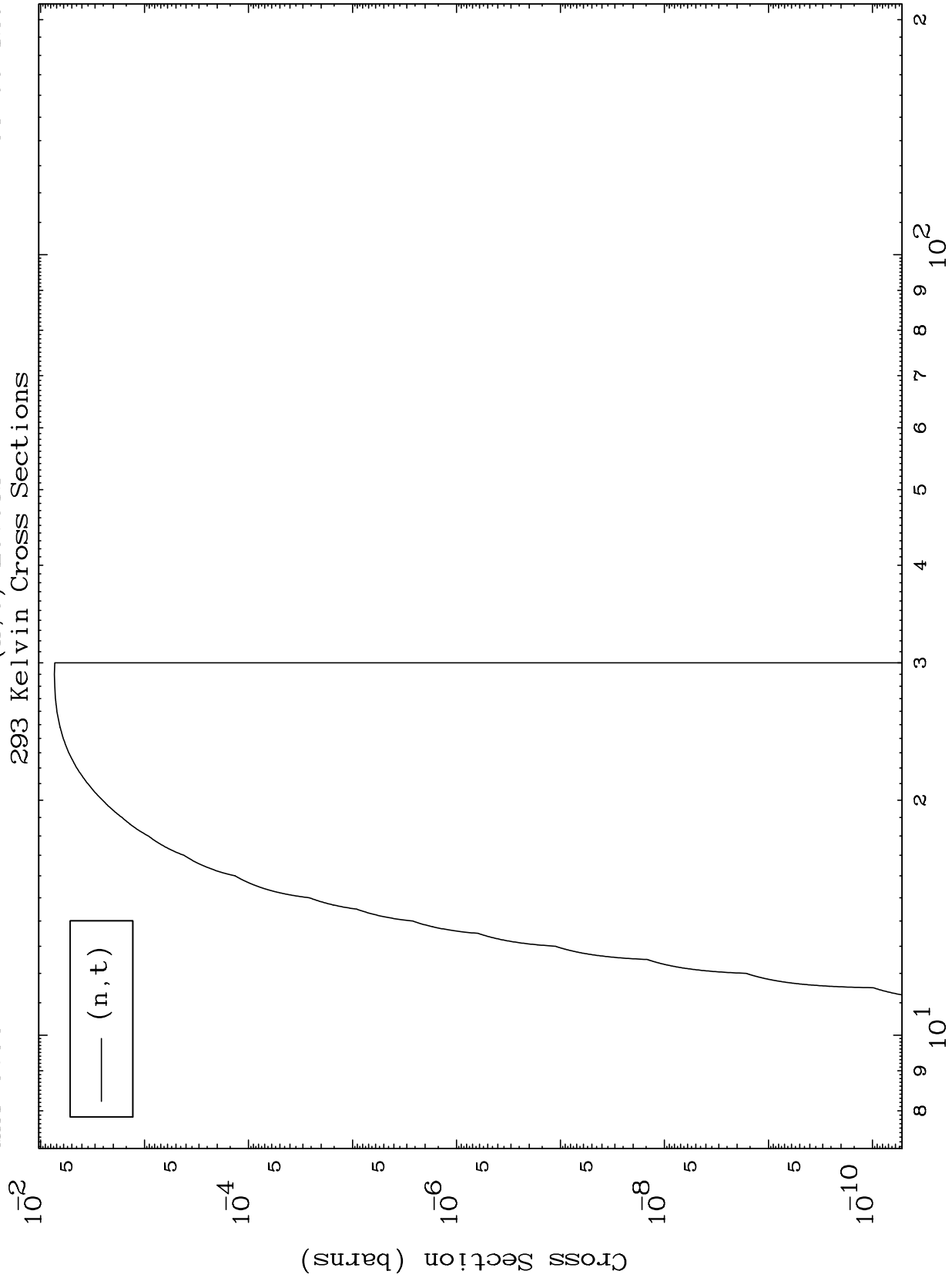
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-126



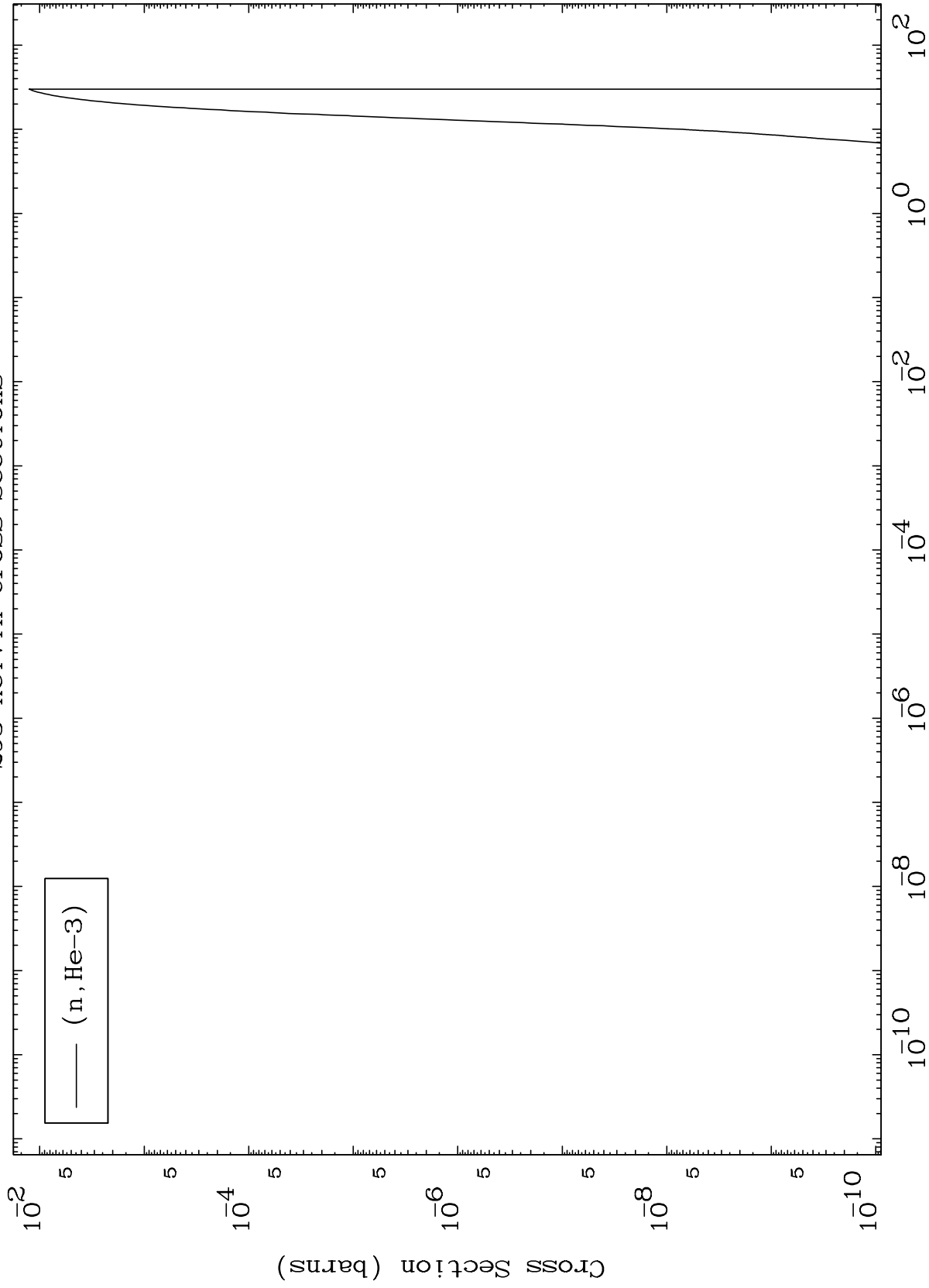
11

58-Ce-126

MAT 5795

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-126



12

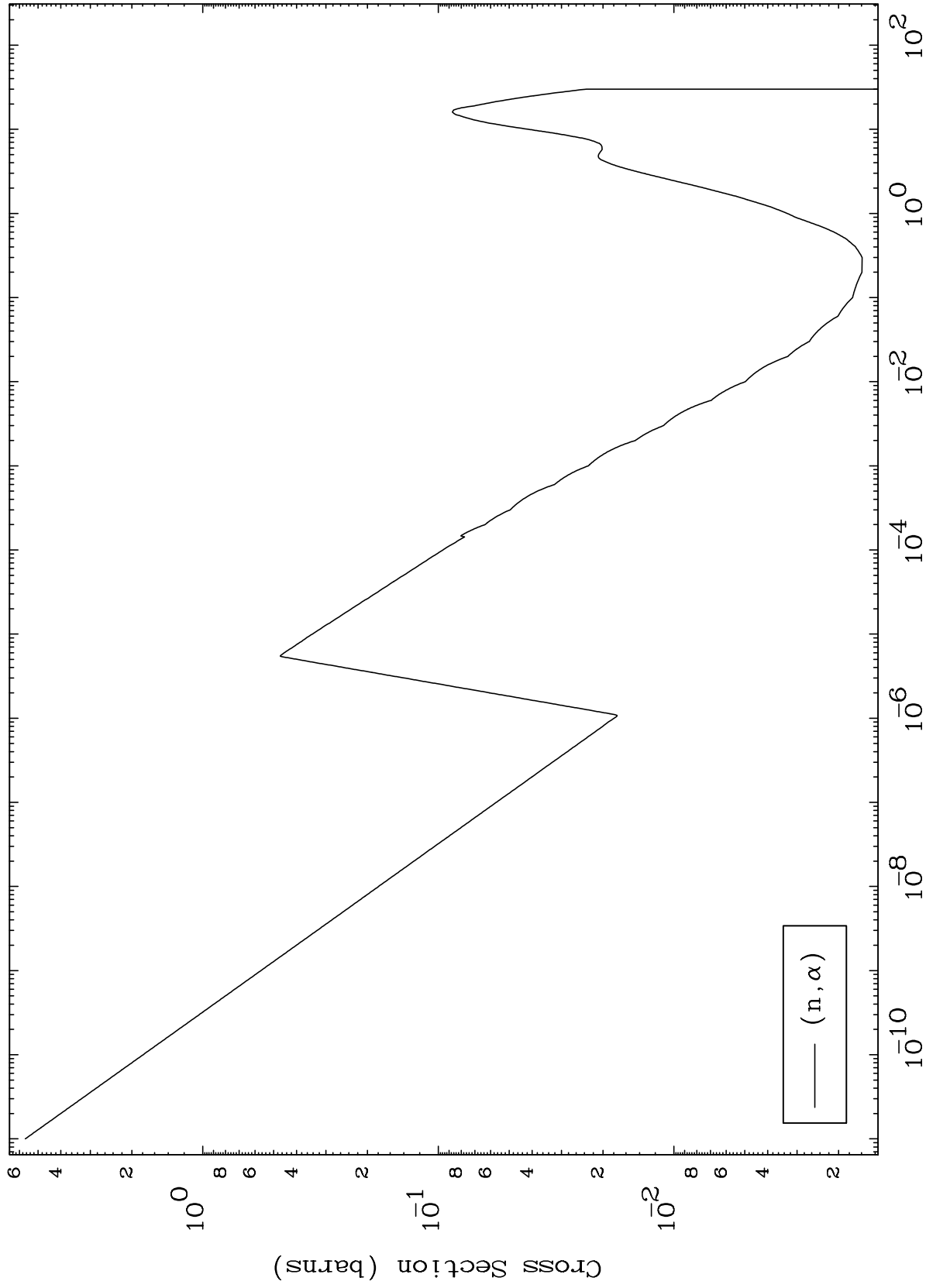
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

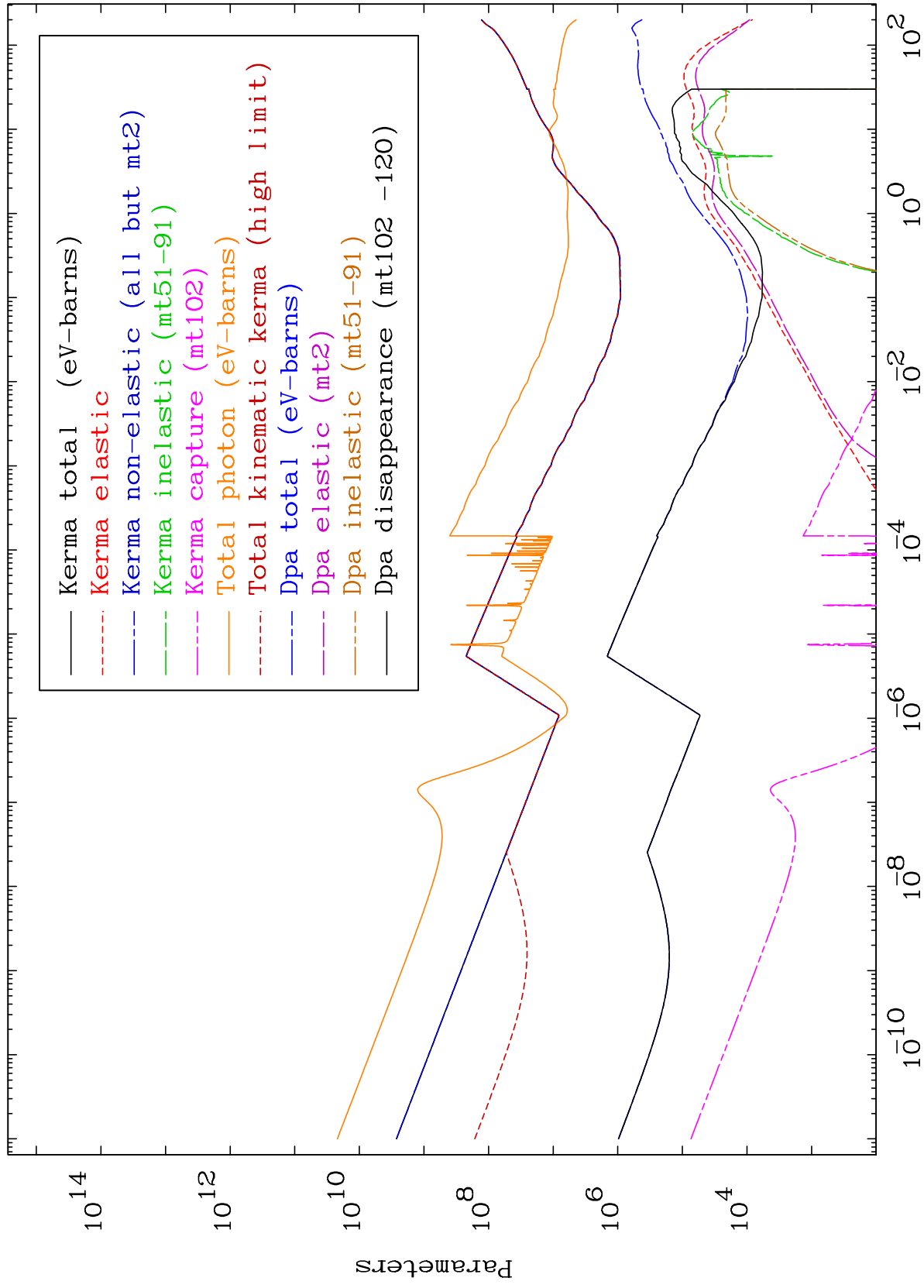
58-Ce-126



13

Incident Energy (MeV)

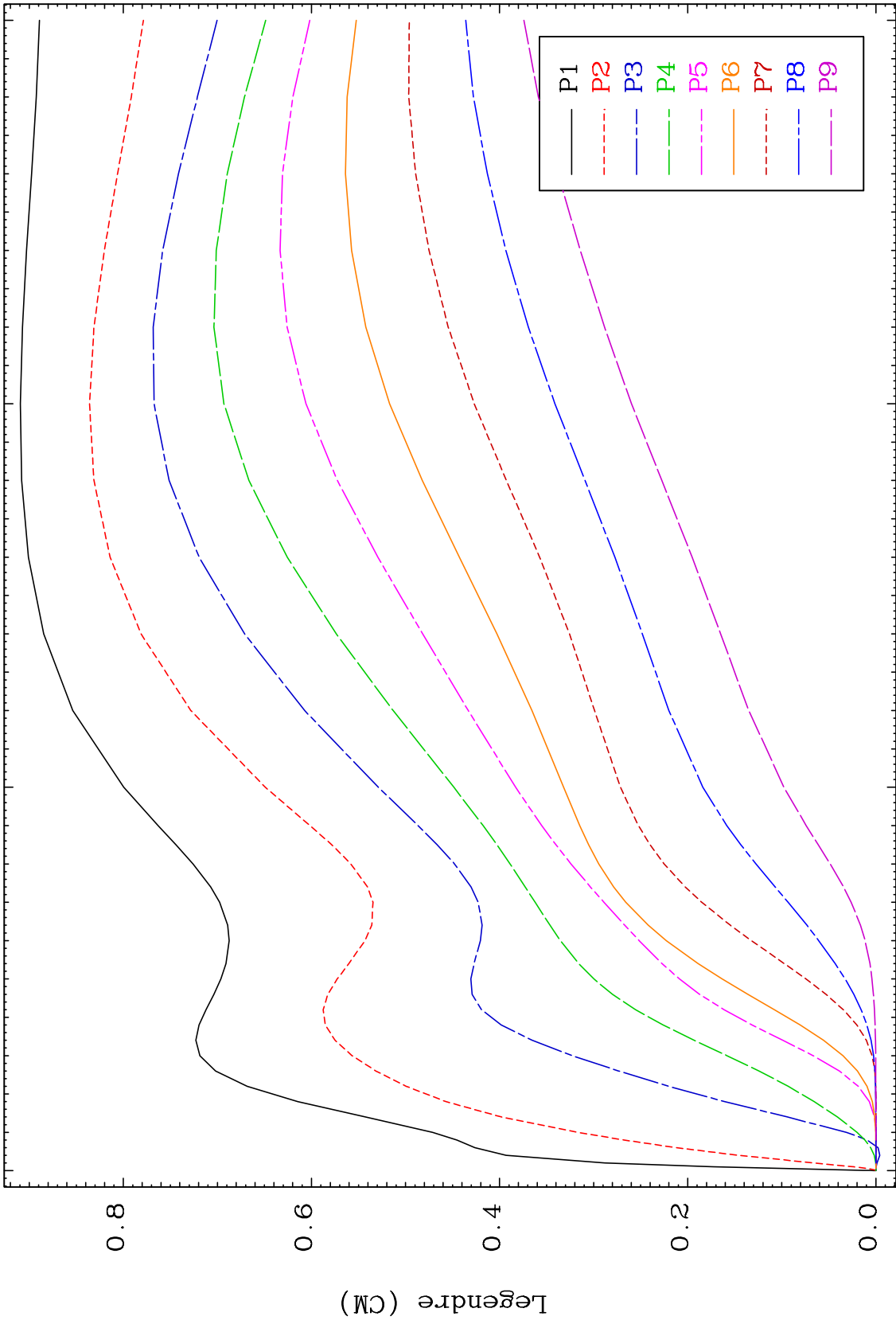
58-Ce-126



MAT 5795

Elastic Legendre Coefficients

58-Ce-126



15

Incident Energy (MeV)

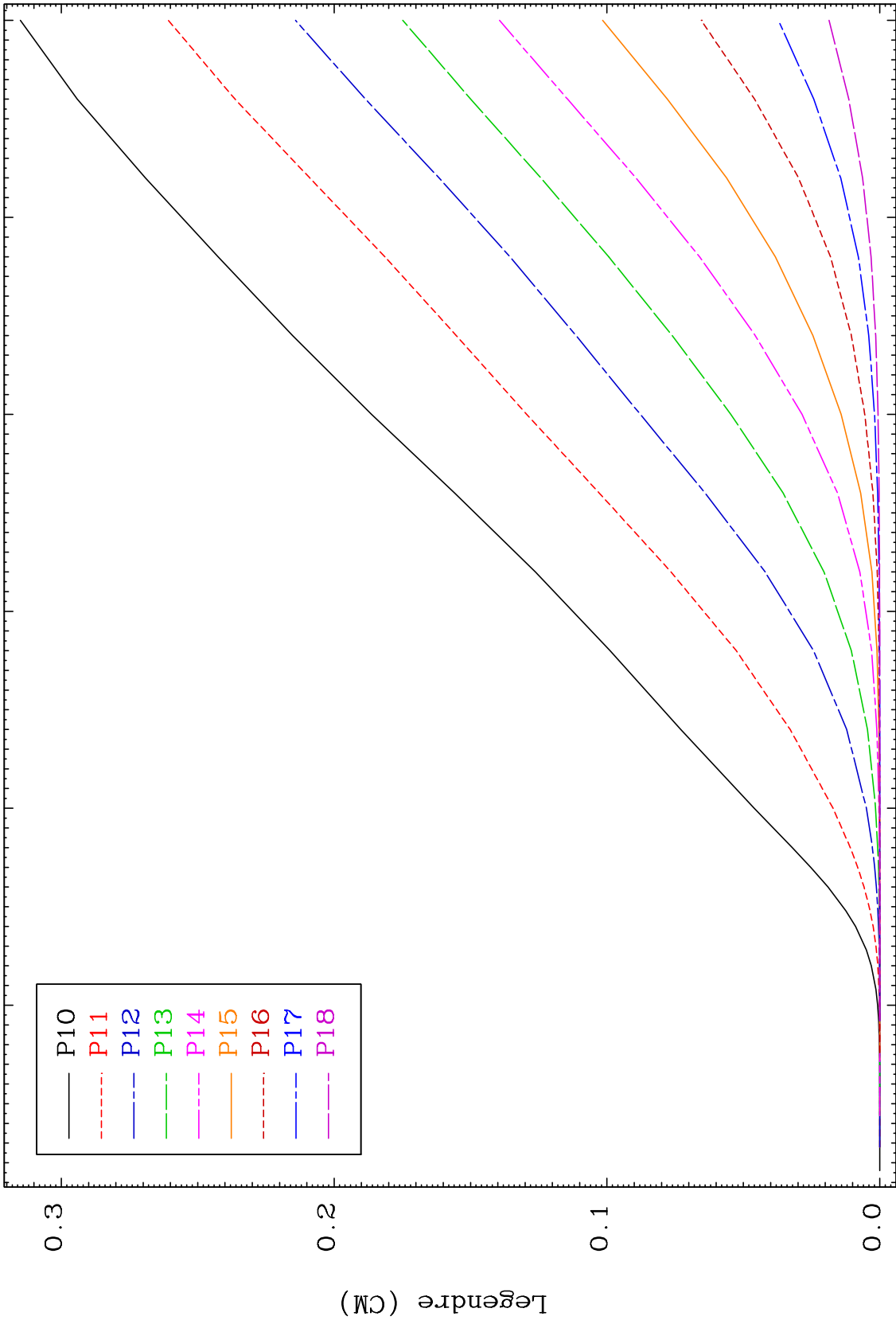
58-Ce-126



MAT 5795

Elastic Legendre Coefficients

58-Ce-126



16

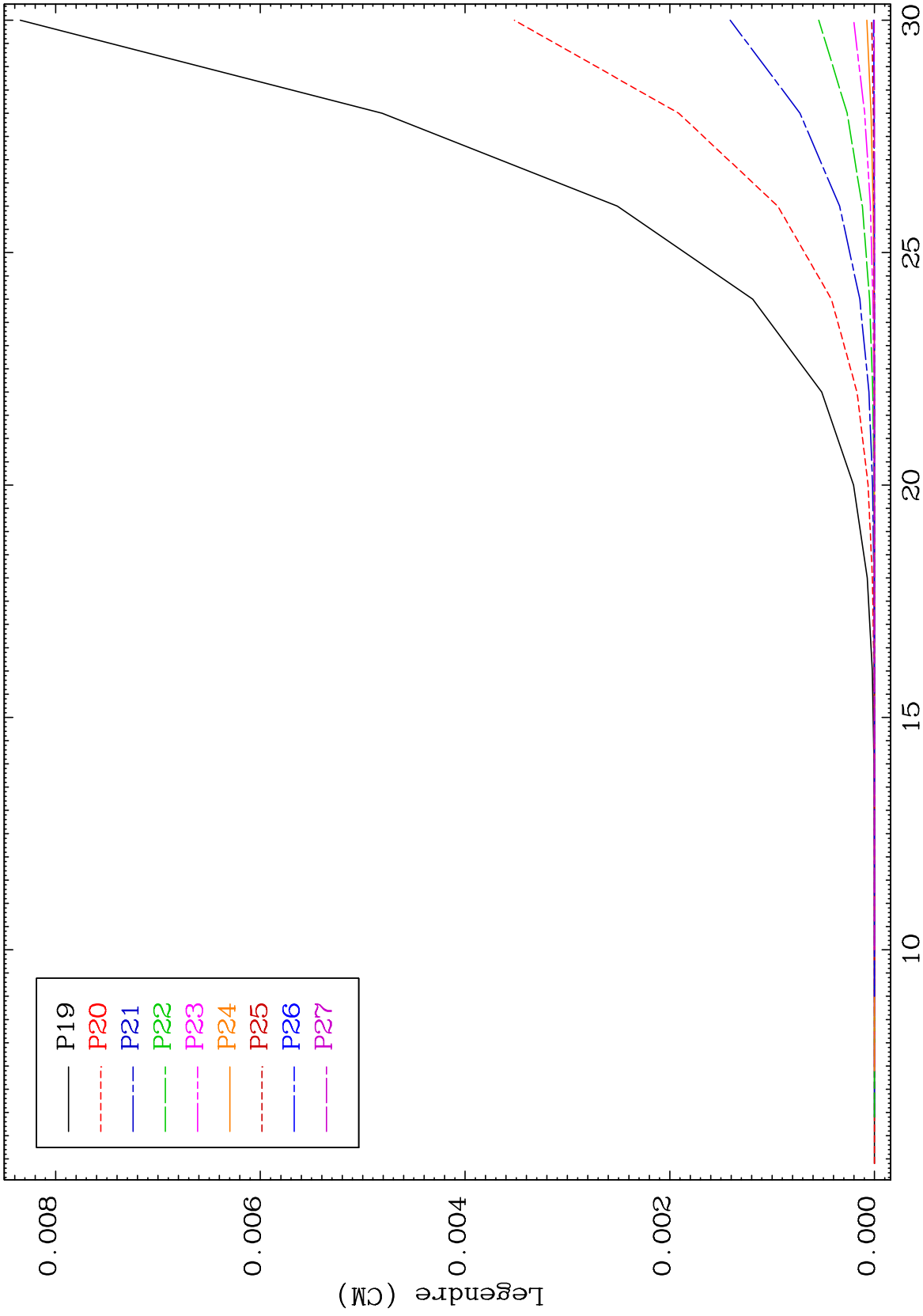
Incident Energy (MeV)

58-Ce-126

MAT 5795

### Elastic Legendre Coefficients

58-Ce-126



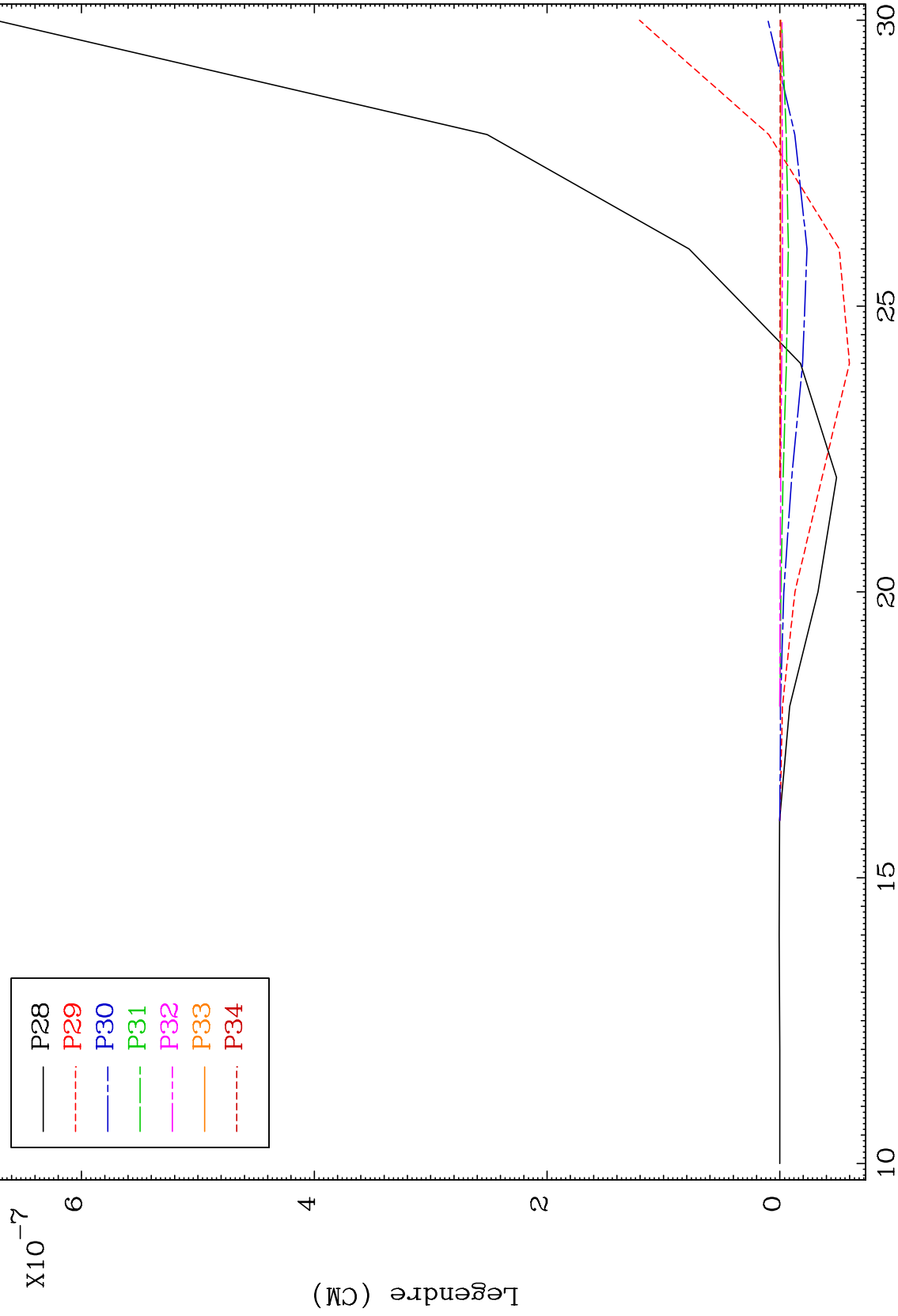
17

58-Ce-126

MAT 5795

Elastic Legendre Coefficients

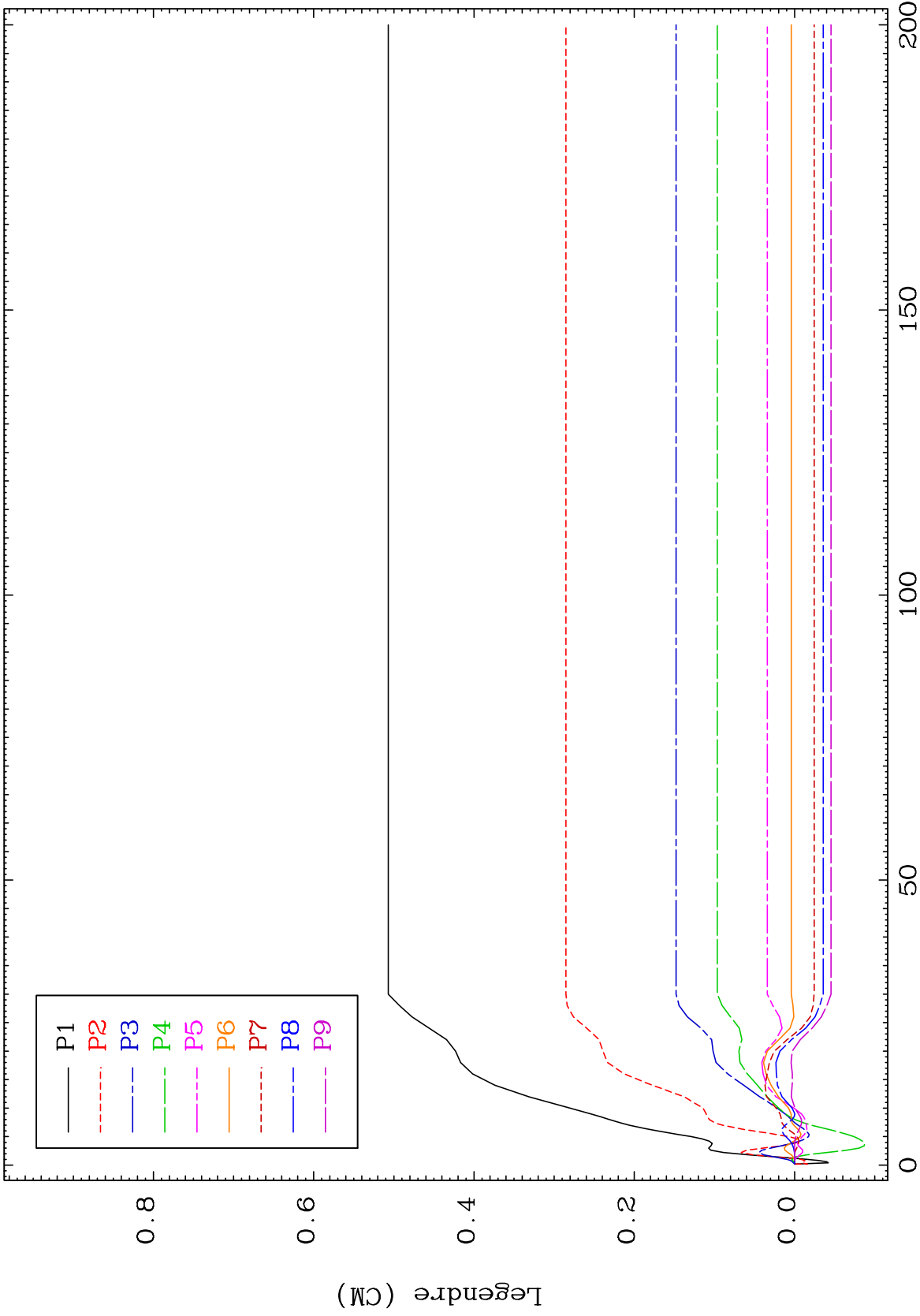
58-Ce-126



MAT 5795

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

58-Ce-126



19

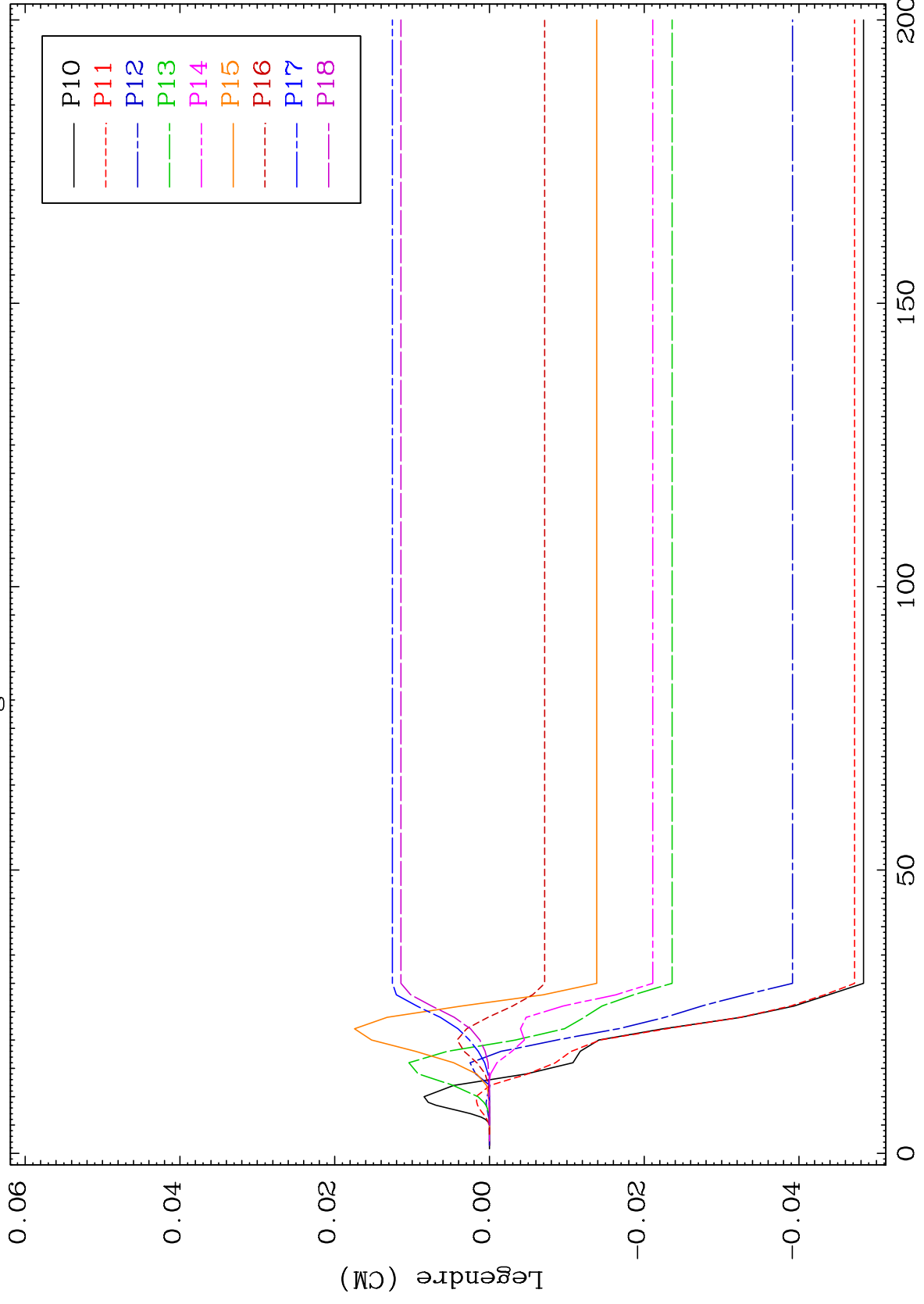
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



20

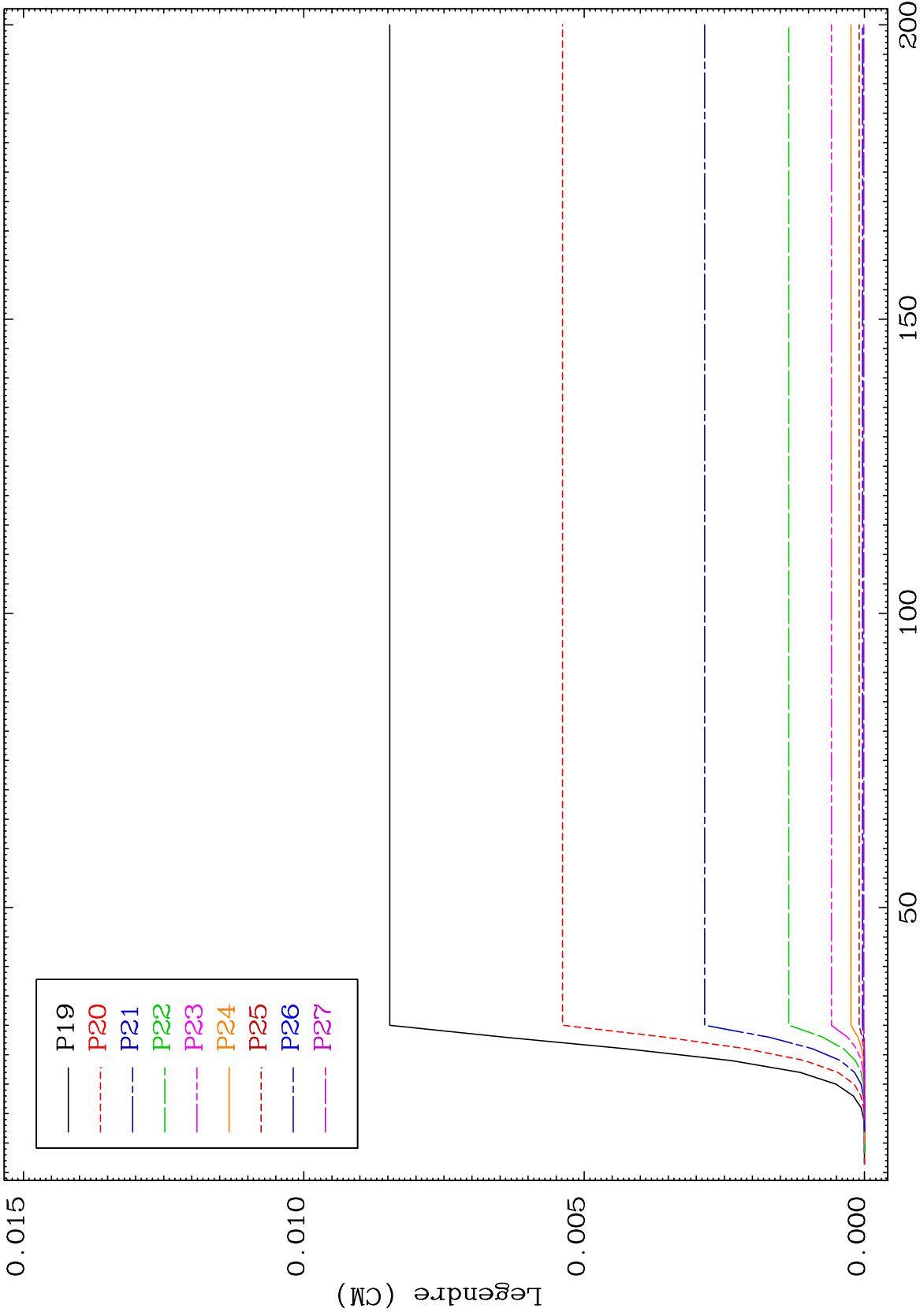
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



21

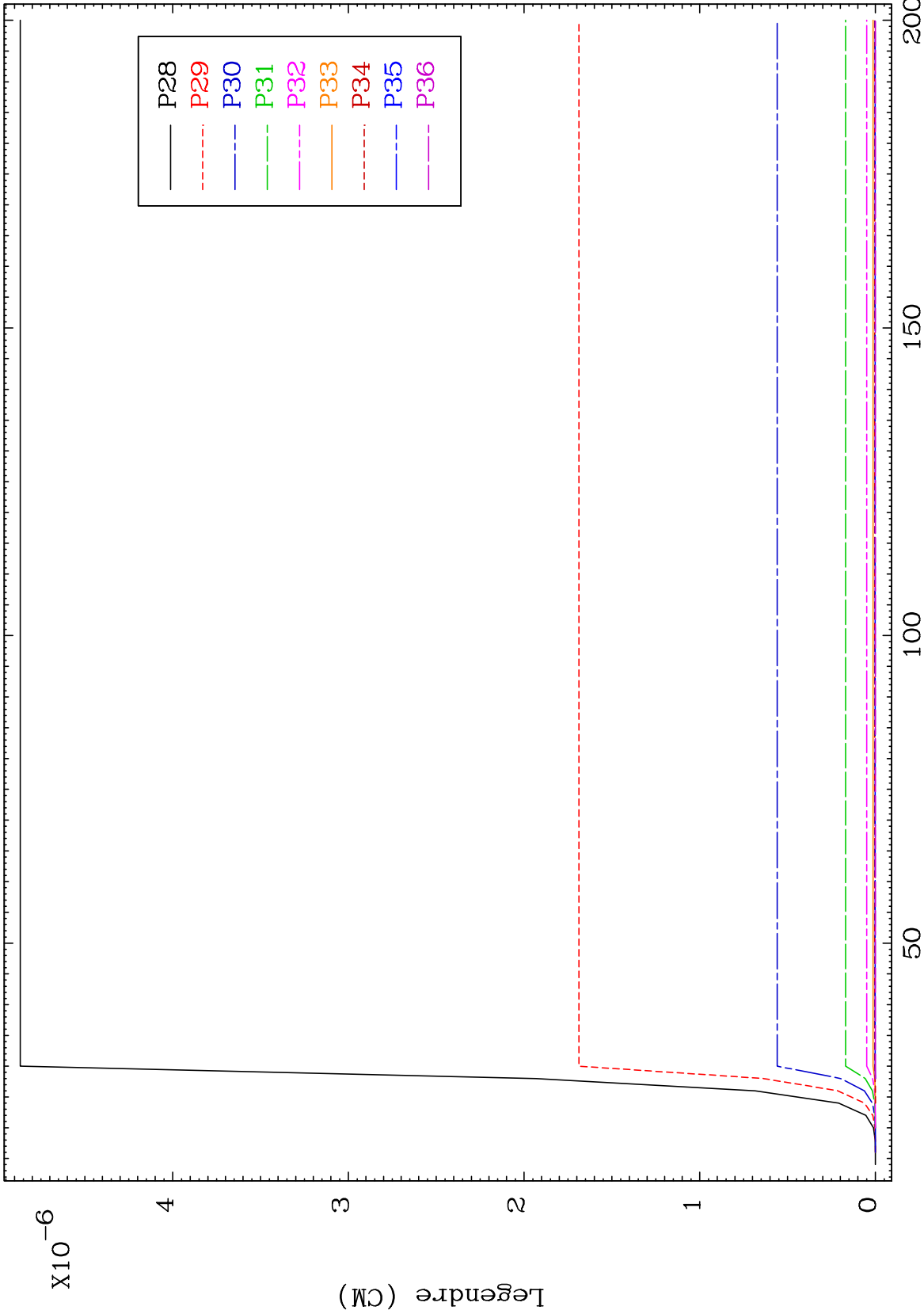
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



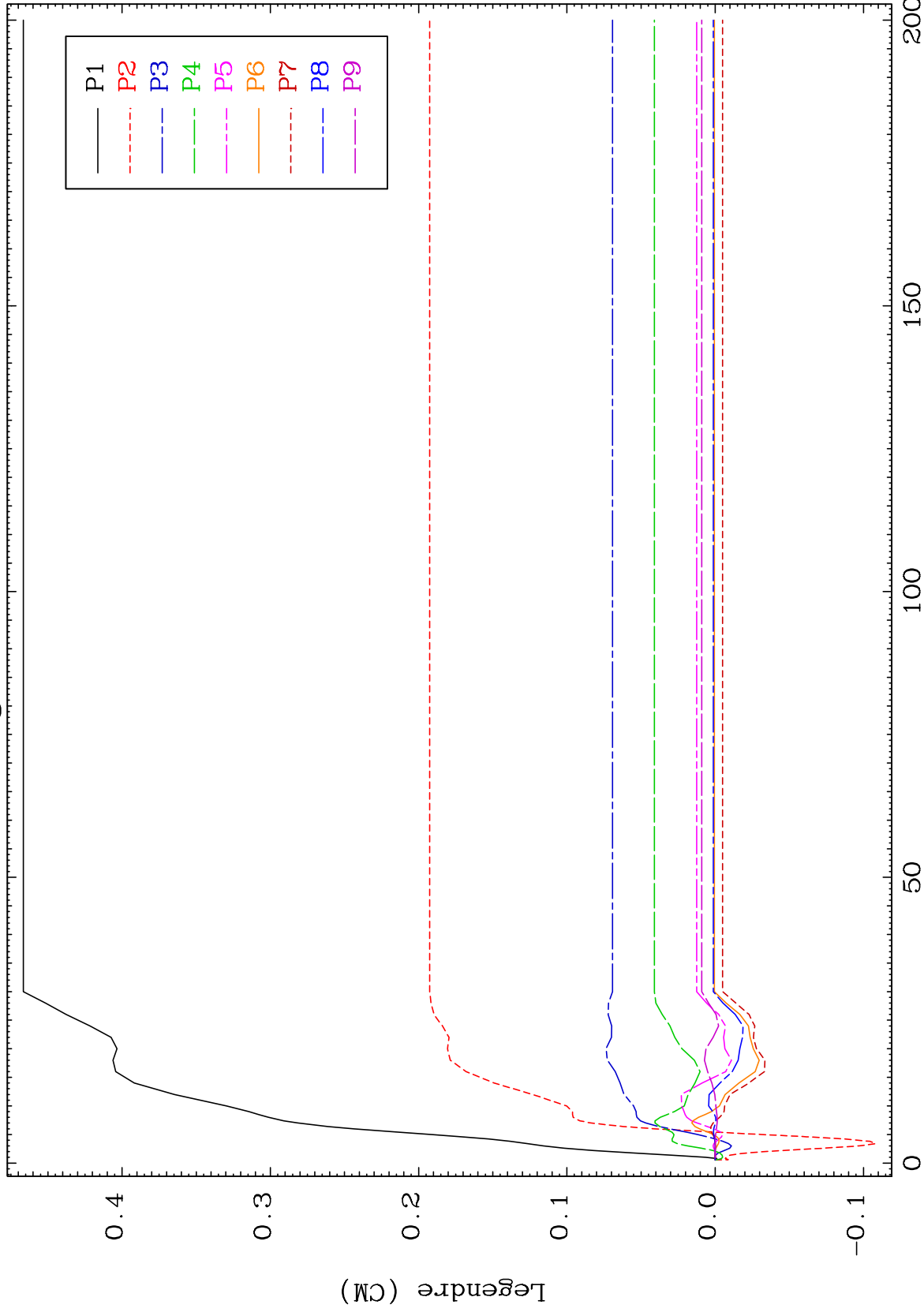
22

58-Ce-126

MAT 5795

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

58-Ce-126



23

Incident Energy (MeV)

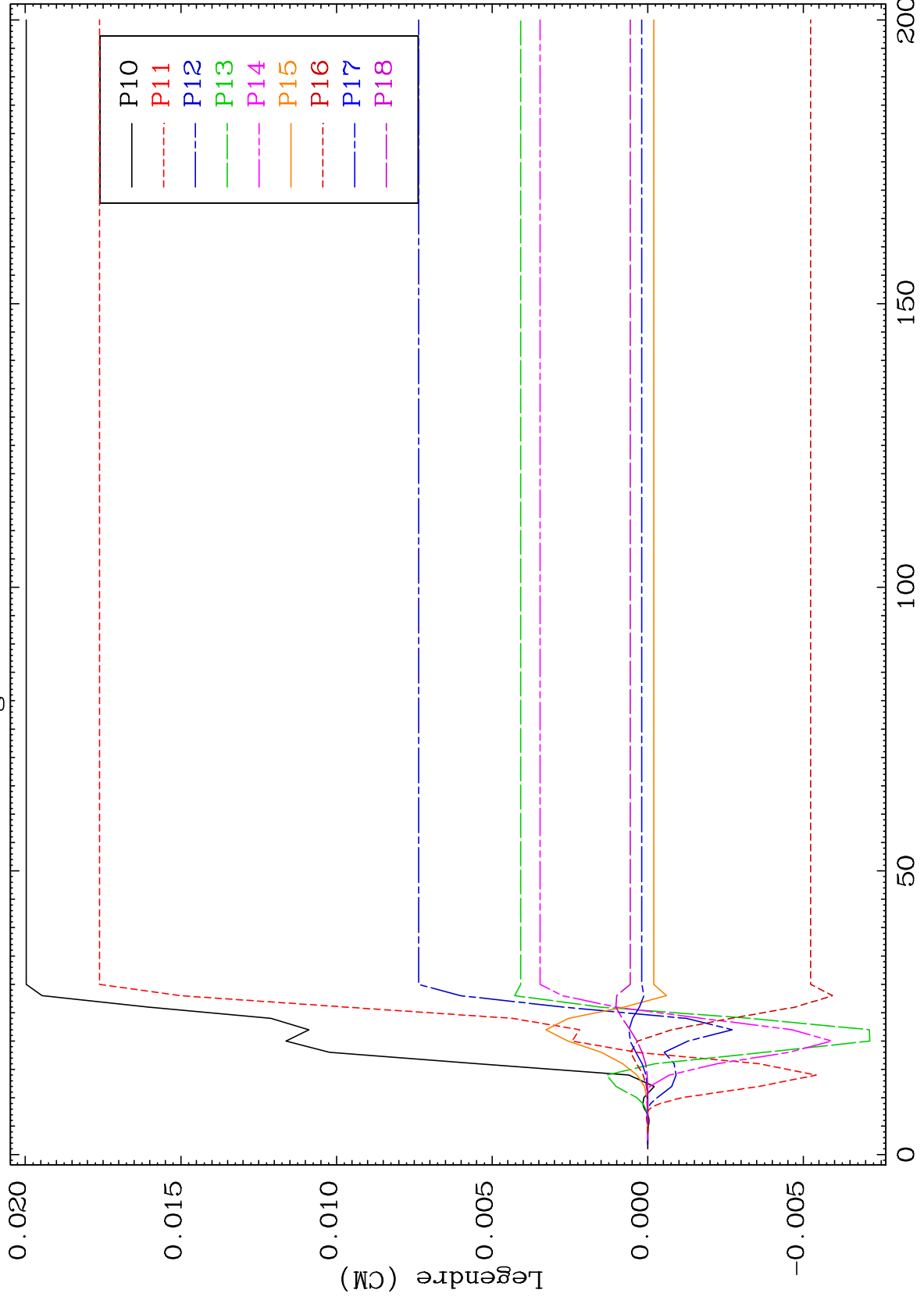
58-Ce-126



MAT 5795

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

58-Ce-126



24

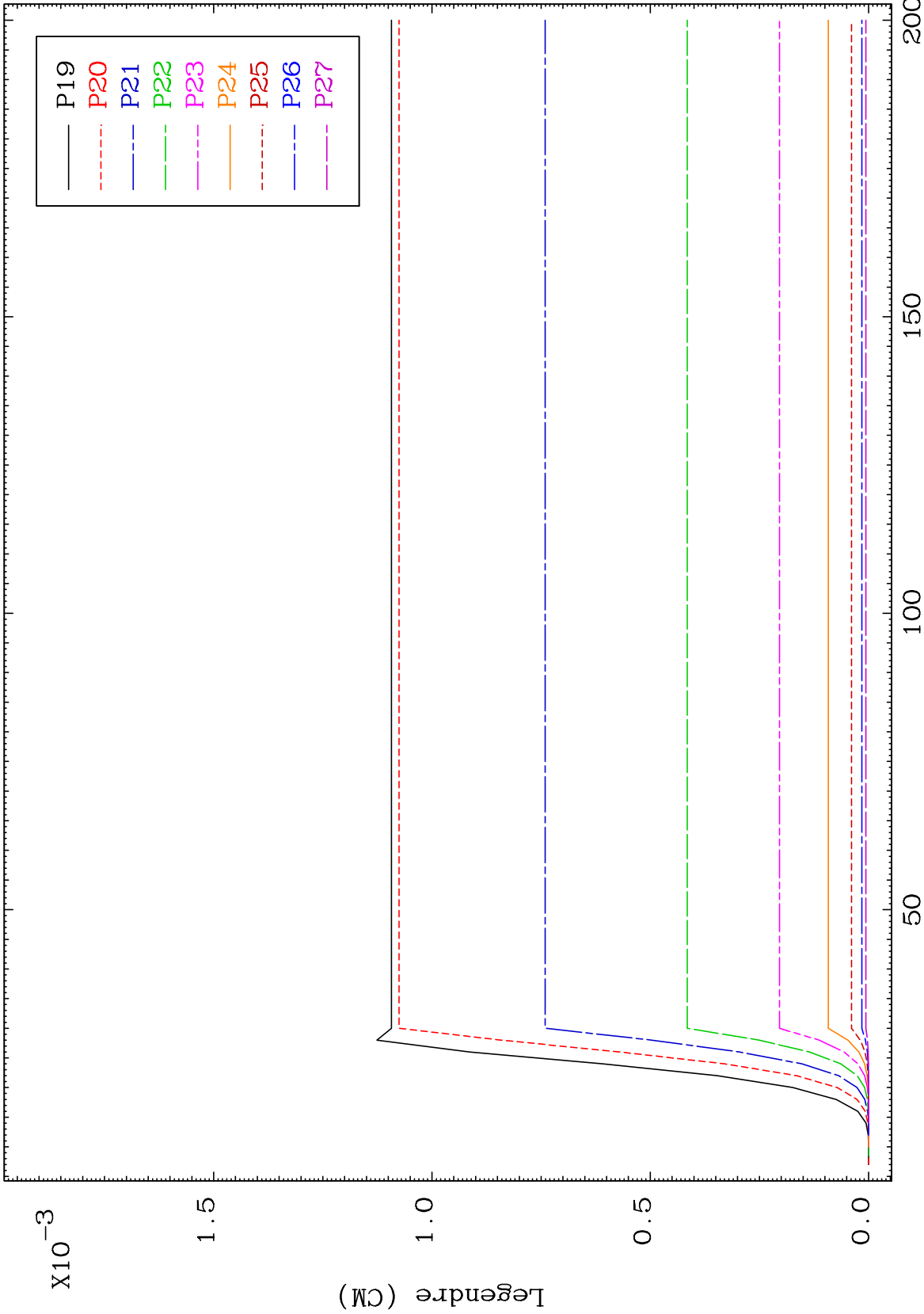
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



25

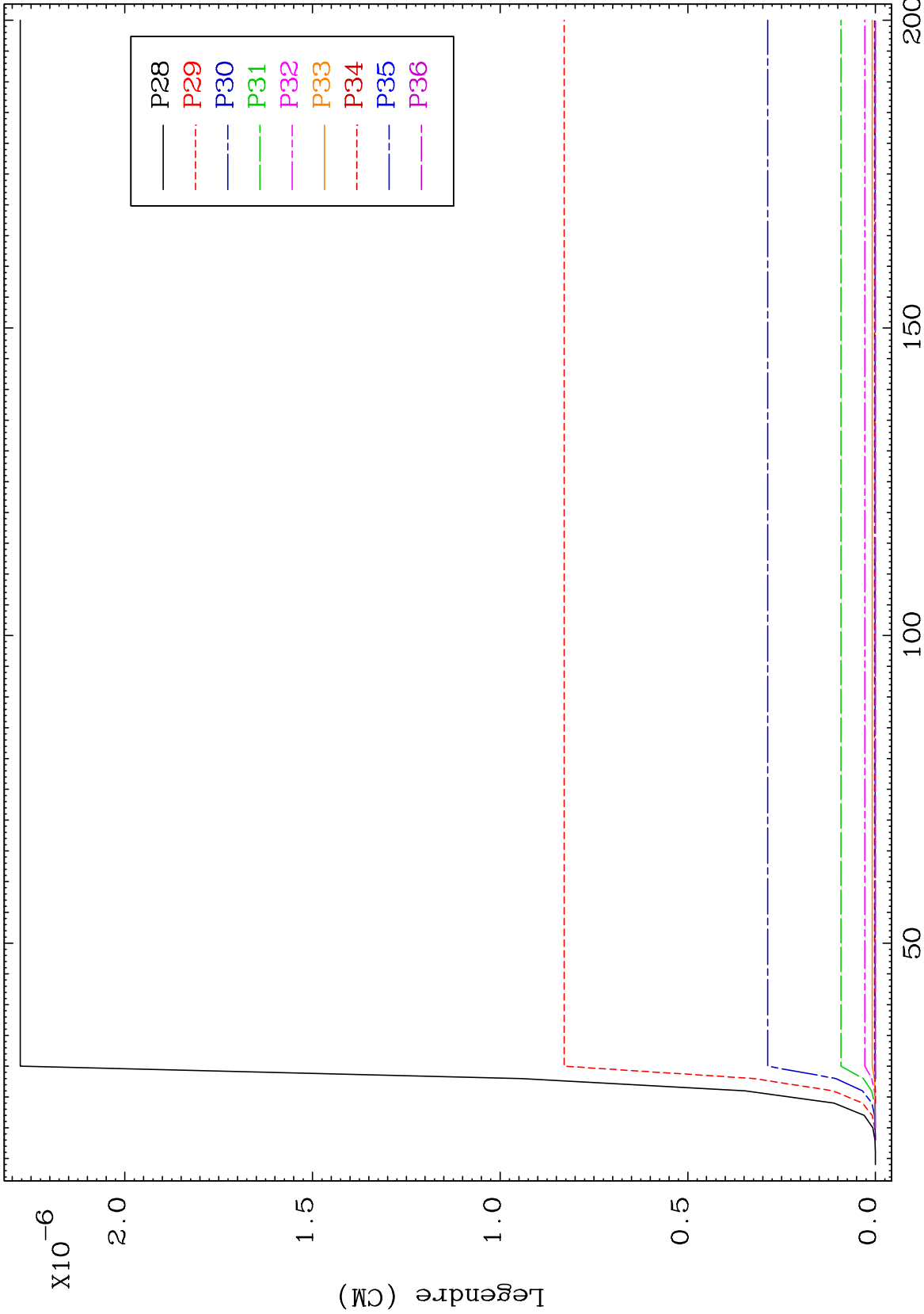
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



26

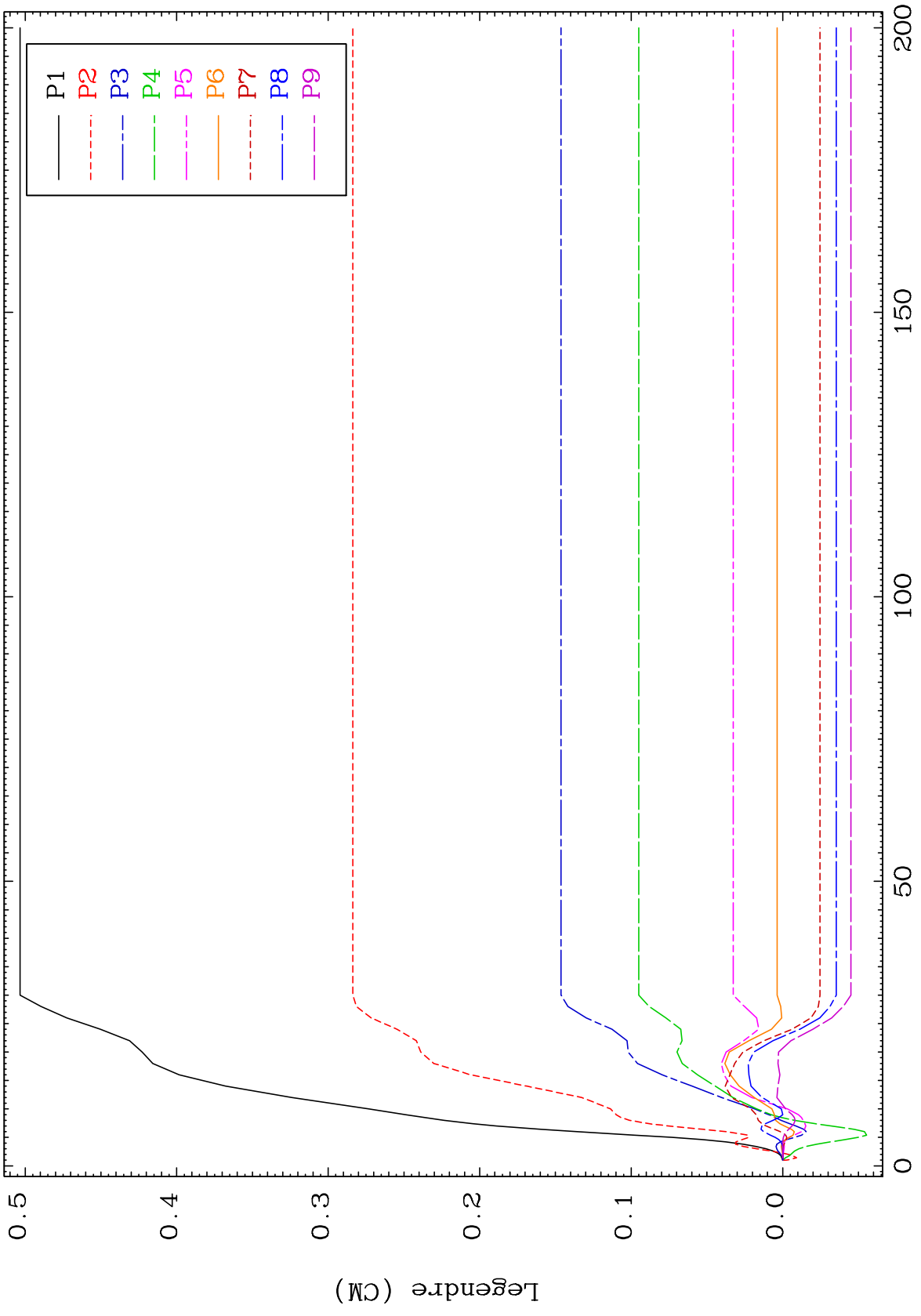
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



27

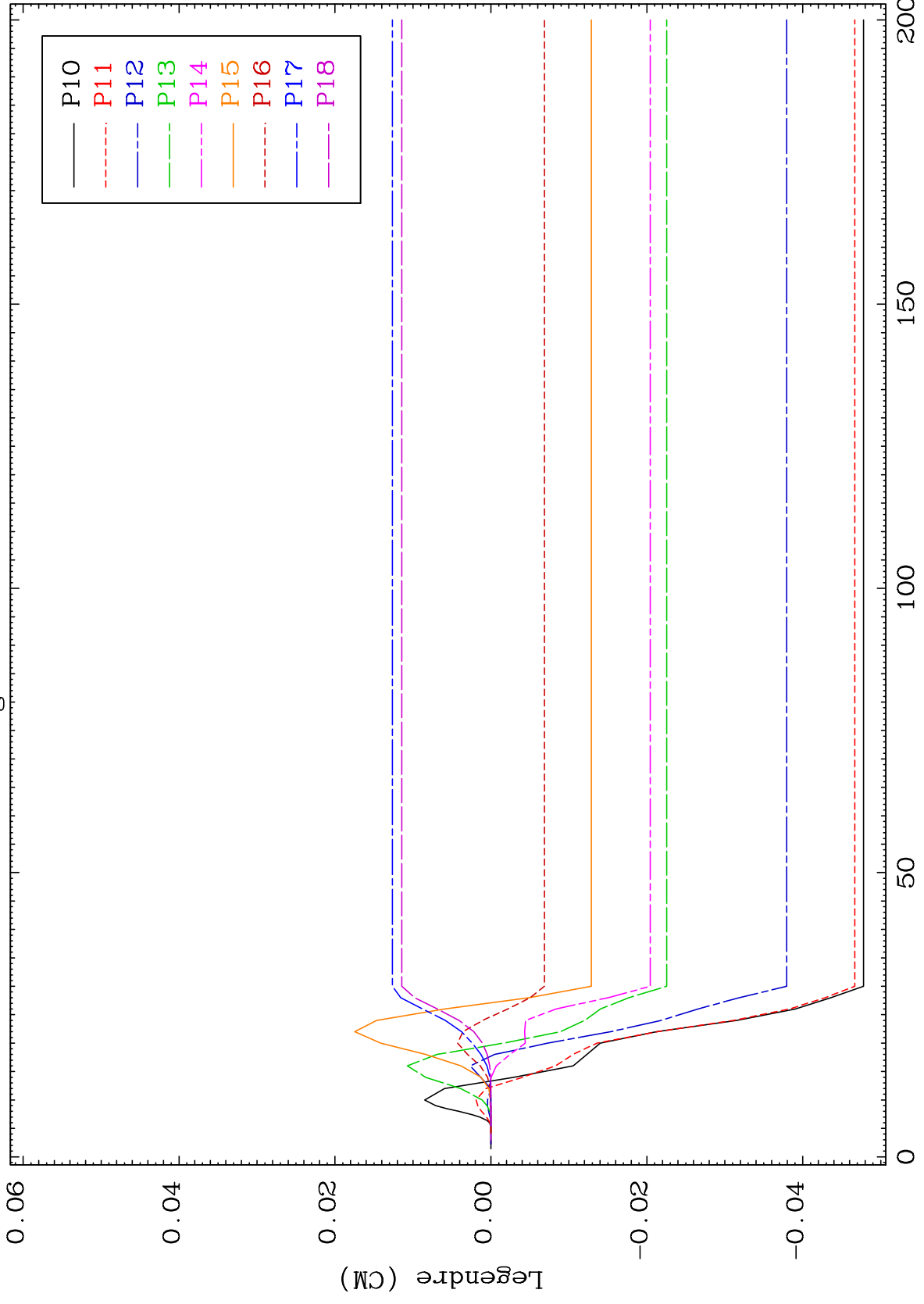
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



28

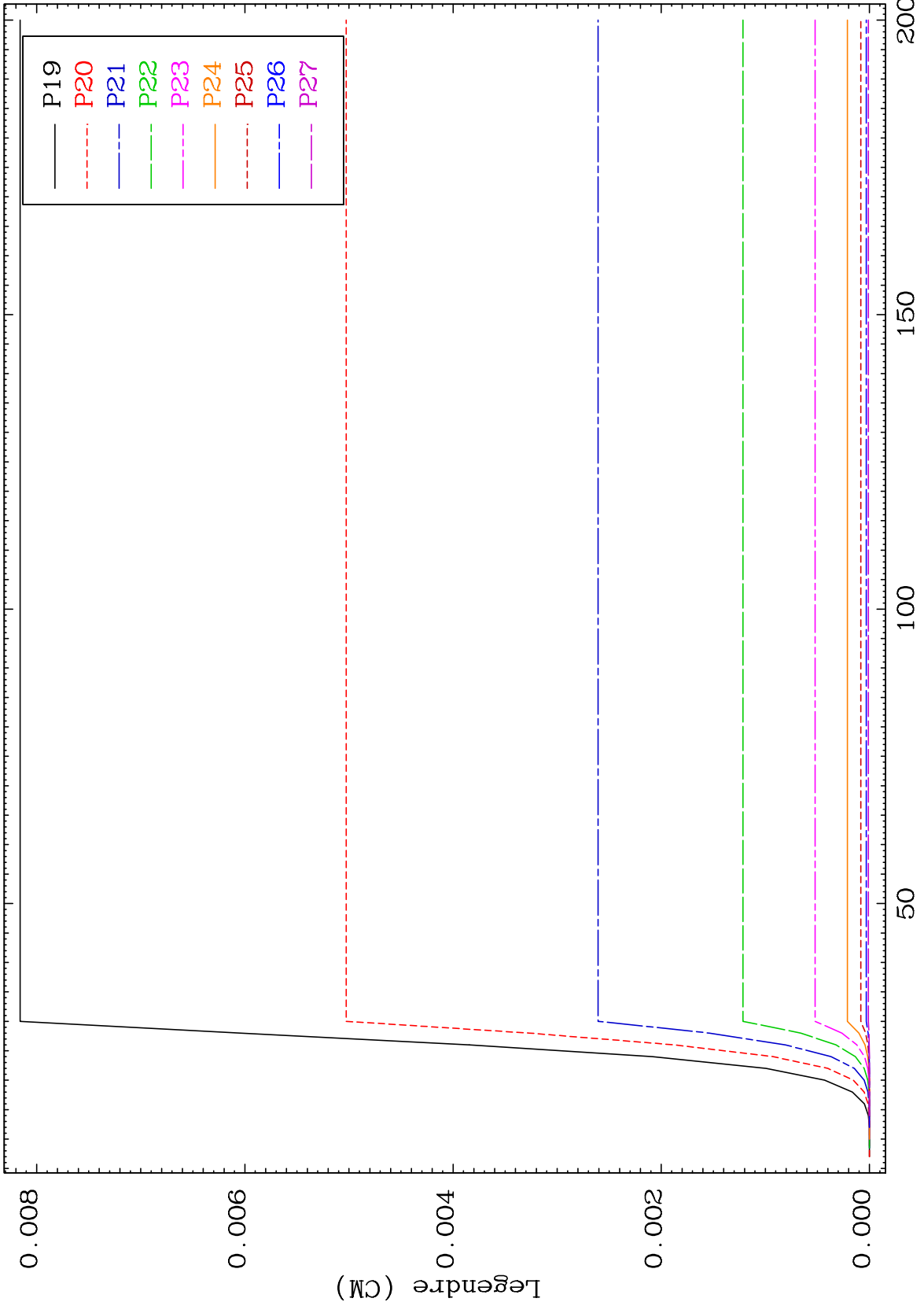
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



29

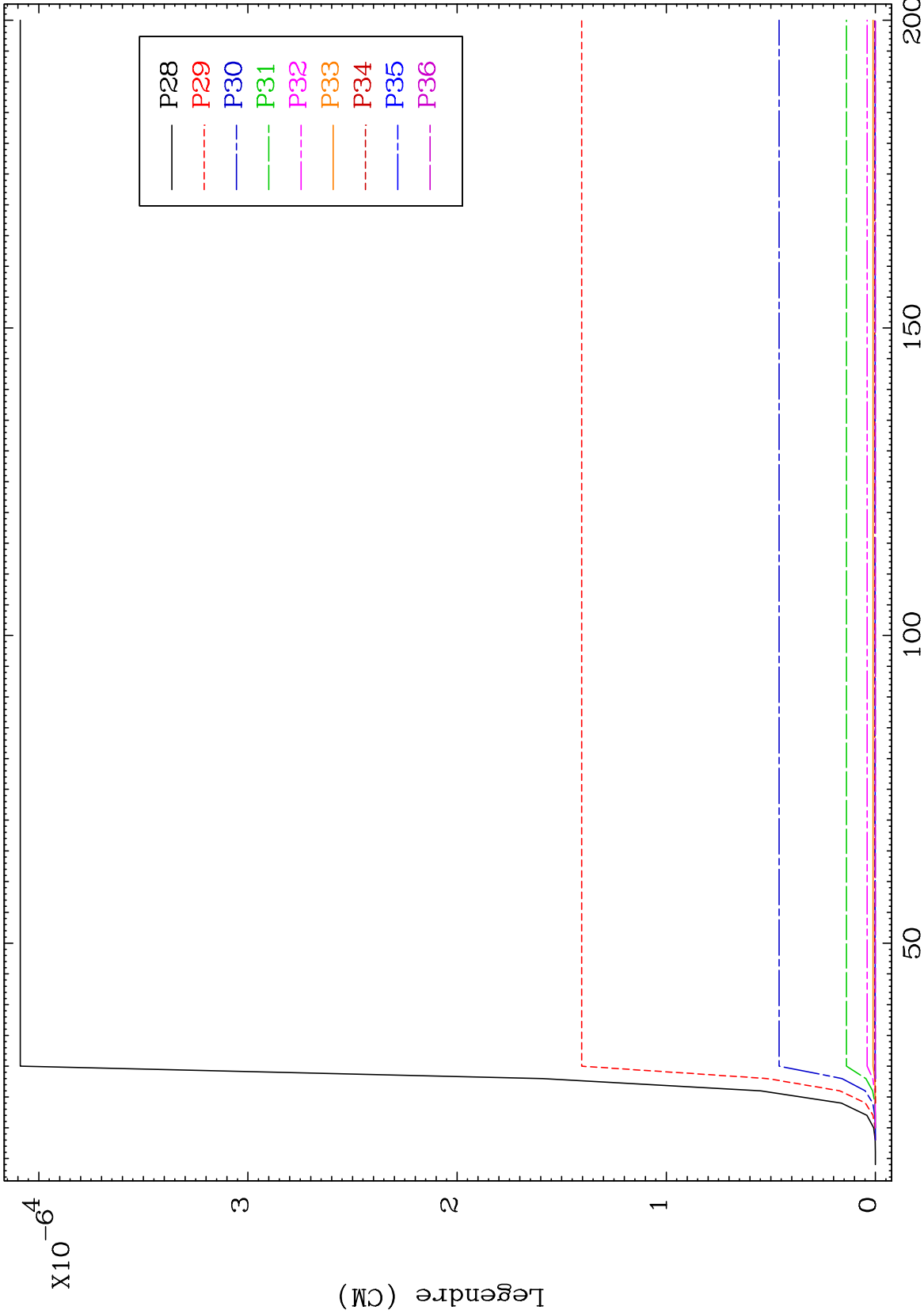
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



30

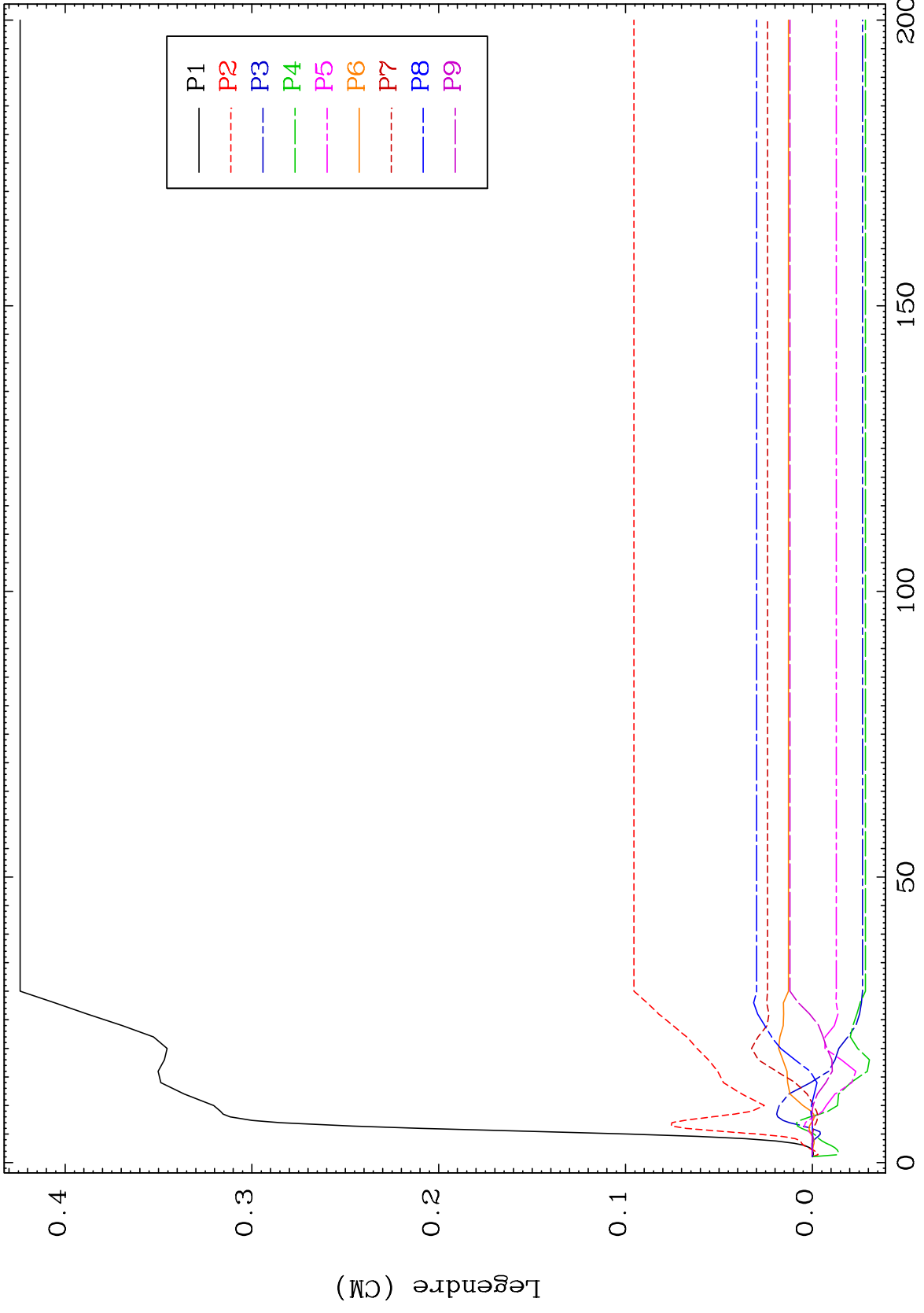
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



31

Incident Energy (MeV)

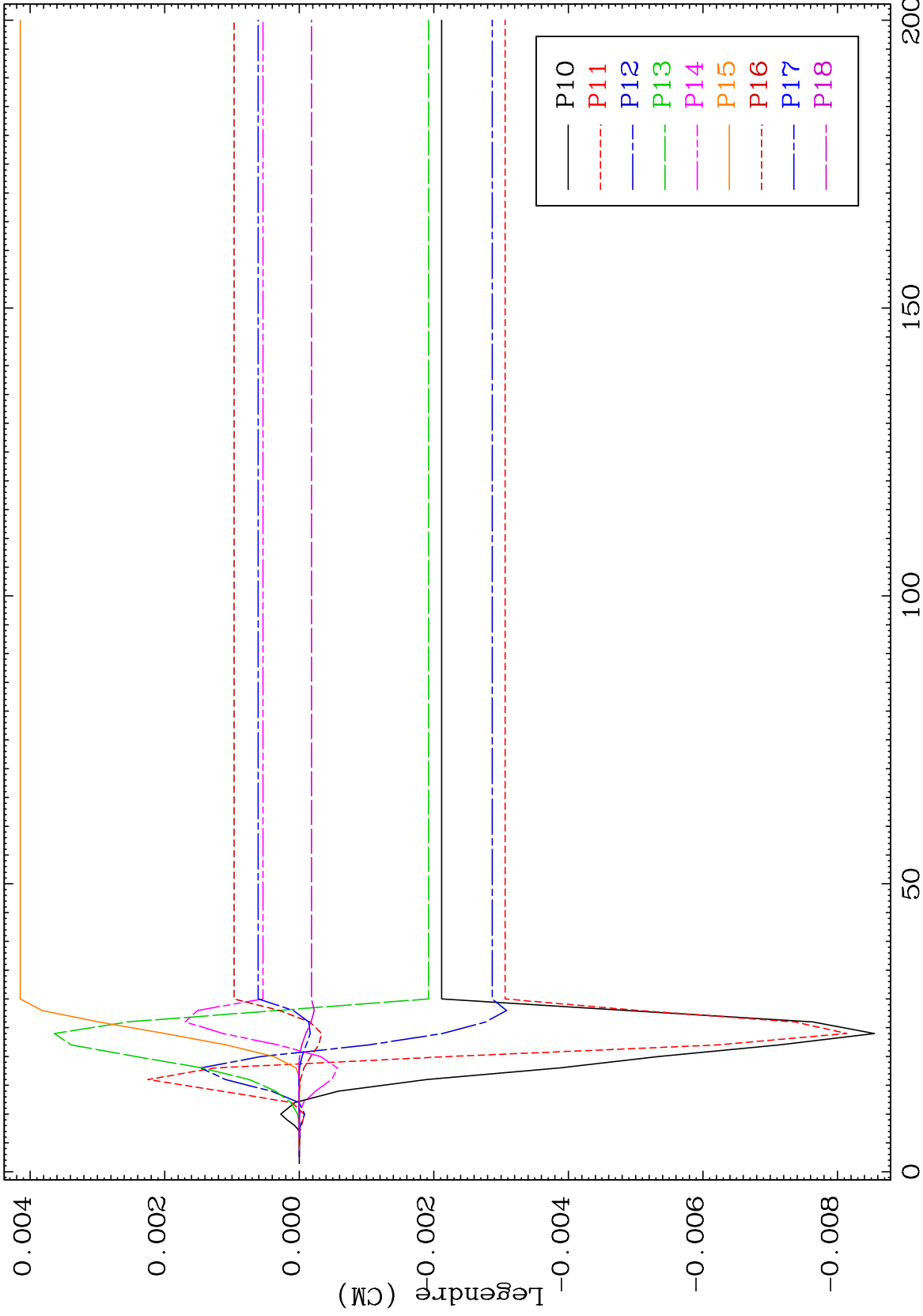
58-Ce-126



MAT 5795

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

58-Ce-126



32

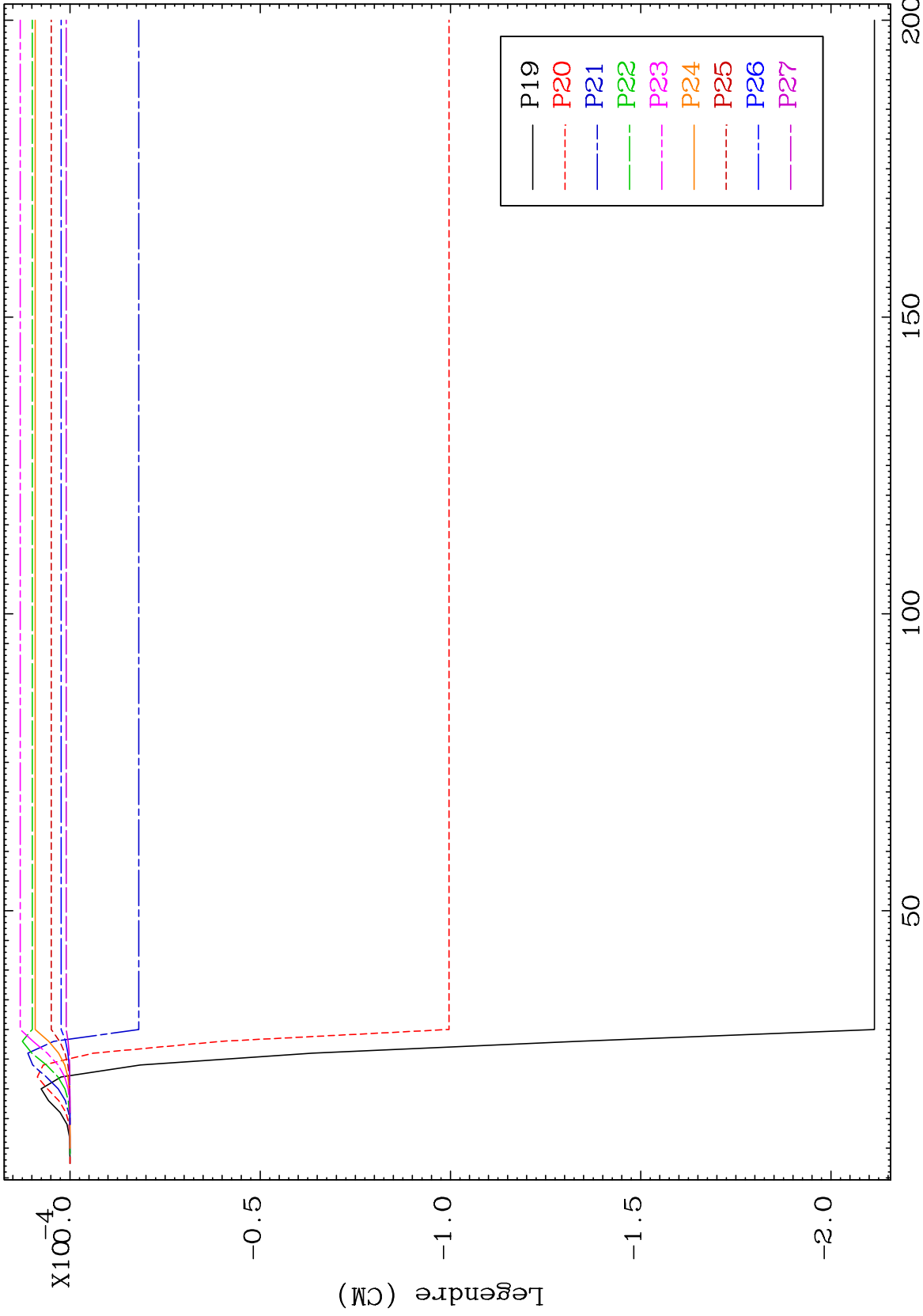
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



33

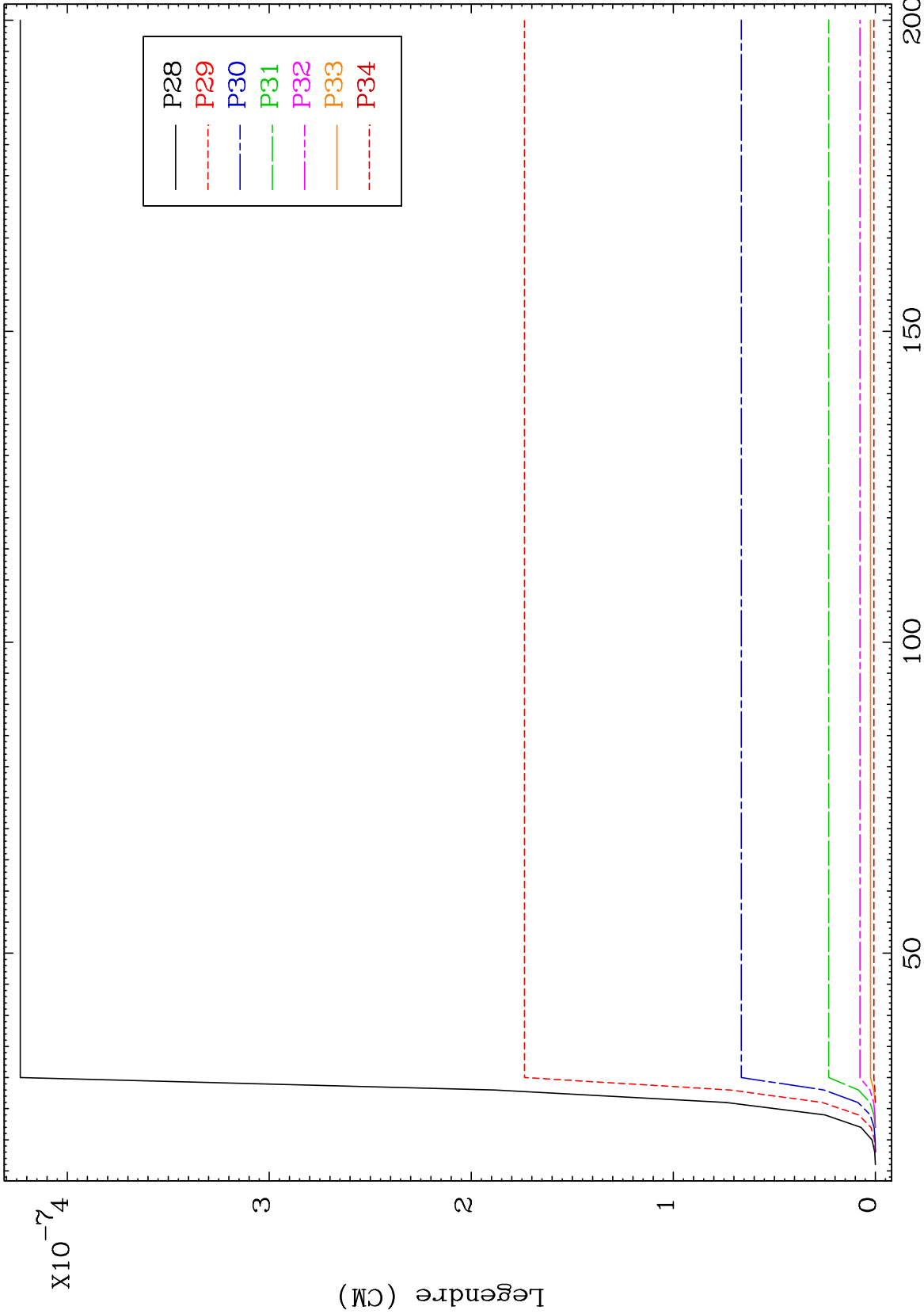
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



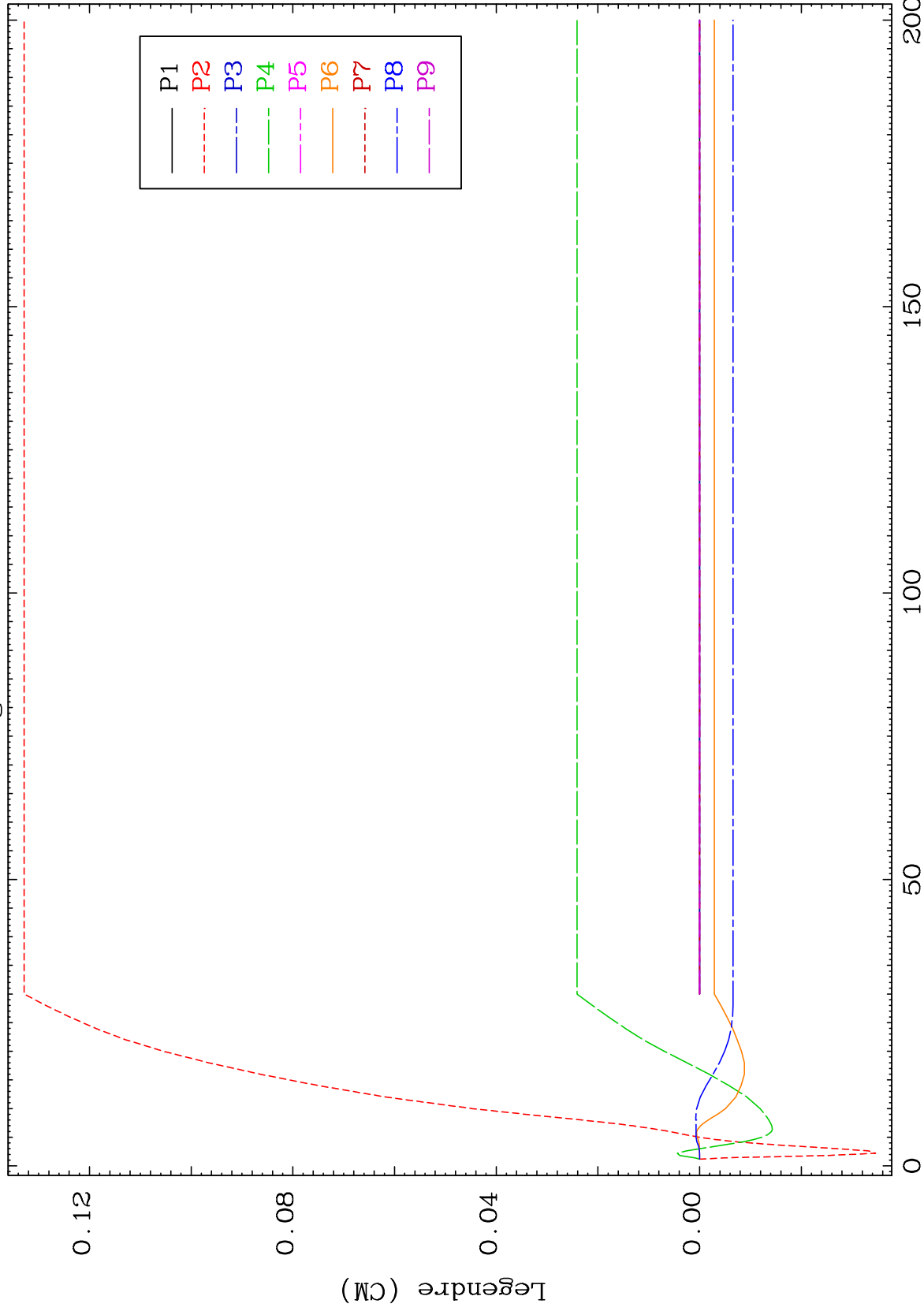
34

58-Ce-126

MAT 5795

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

58-Ce-126



35

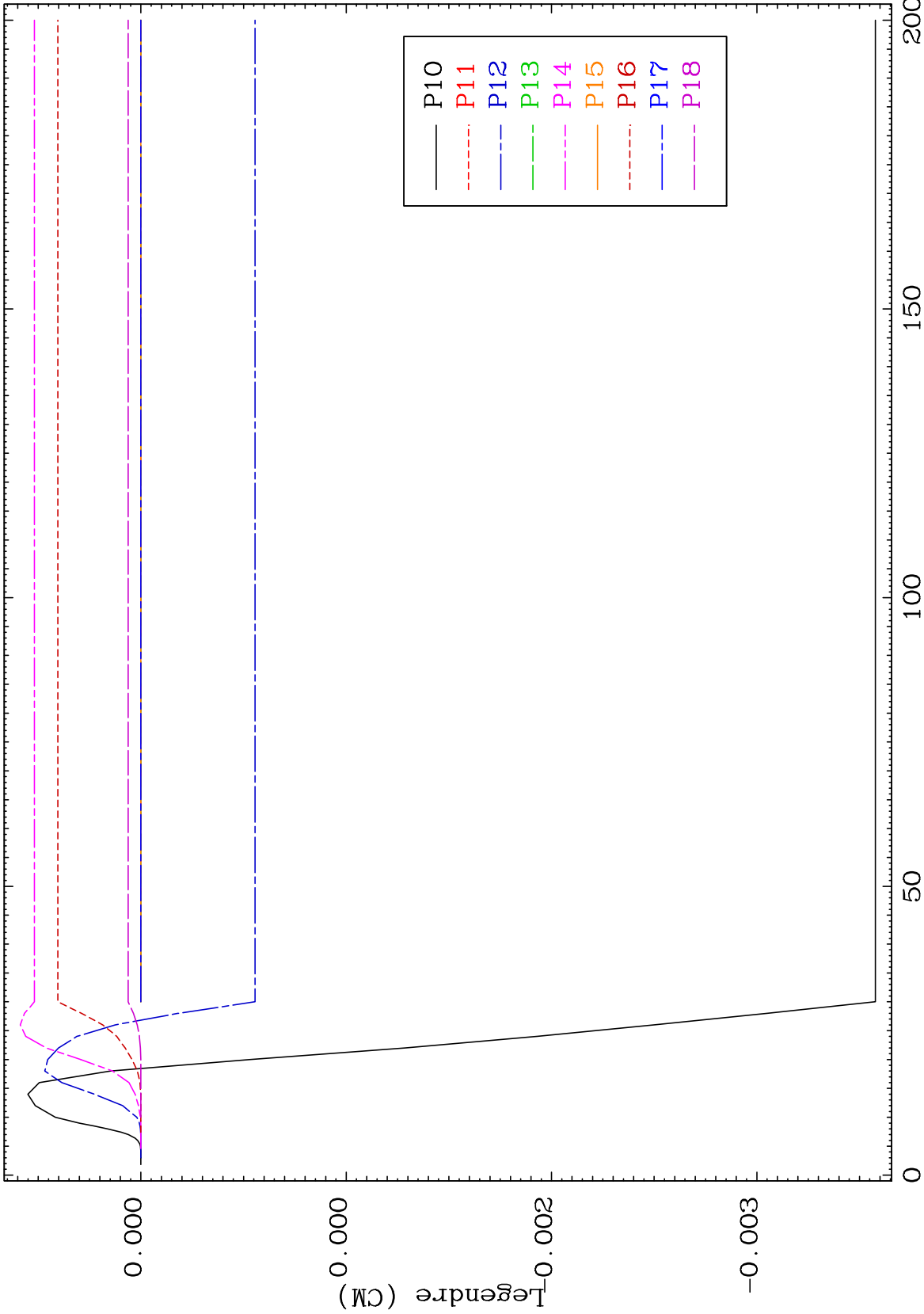
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



36

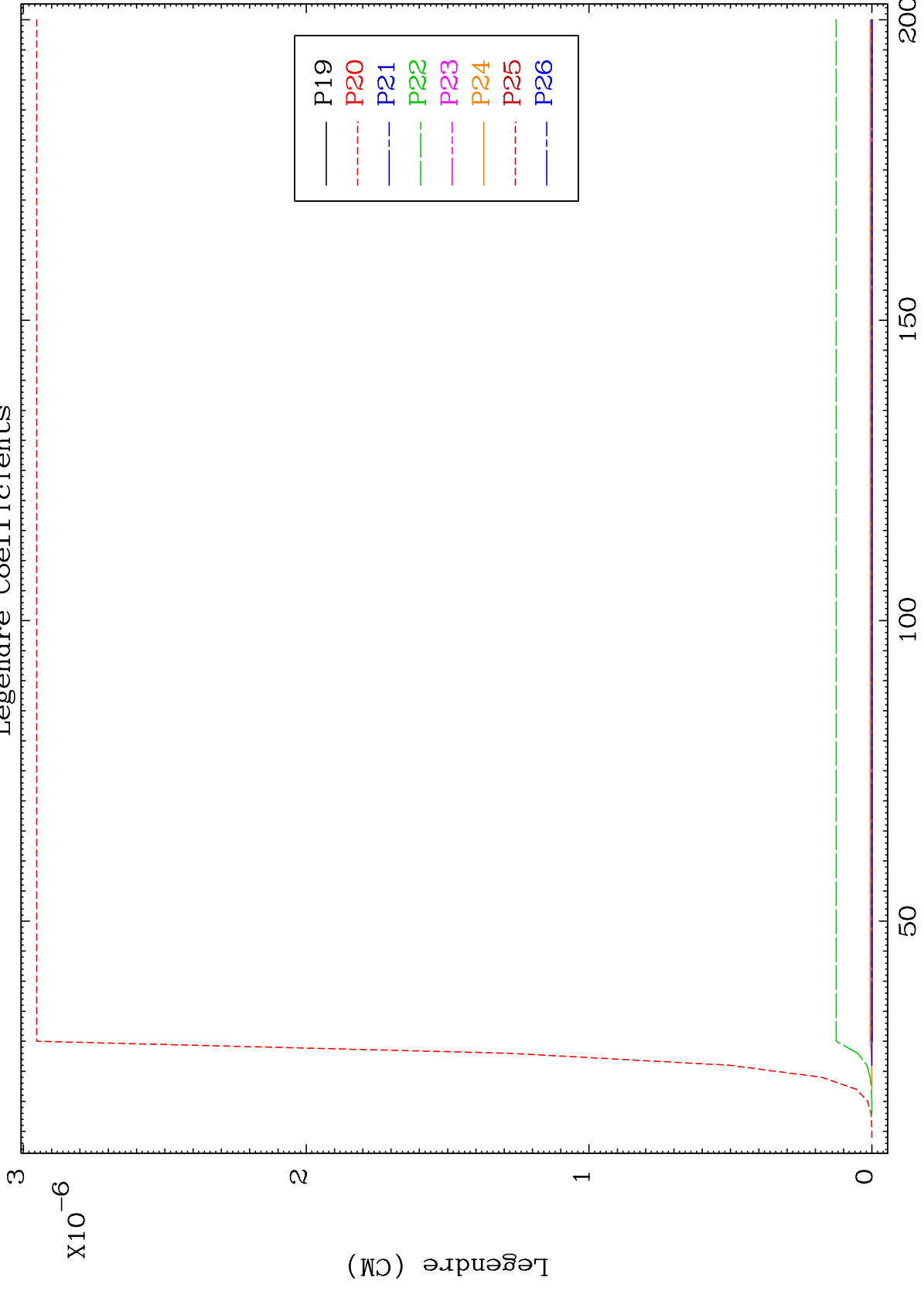
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



37

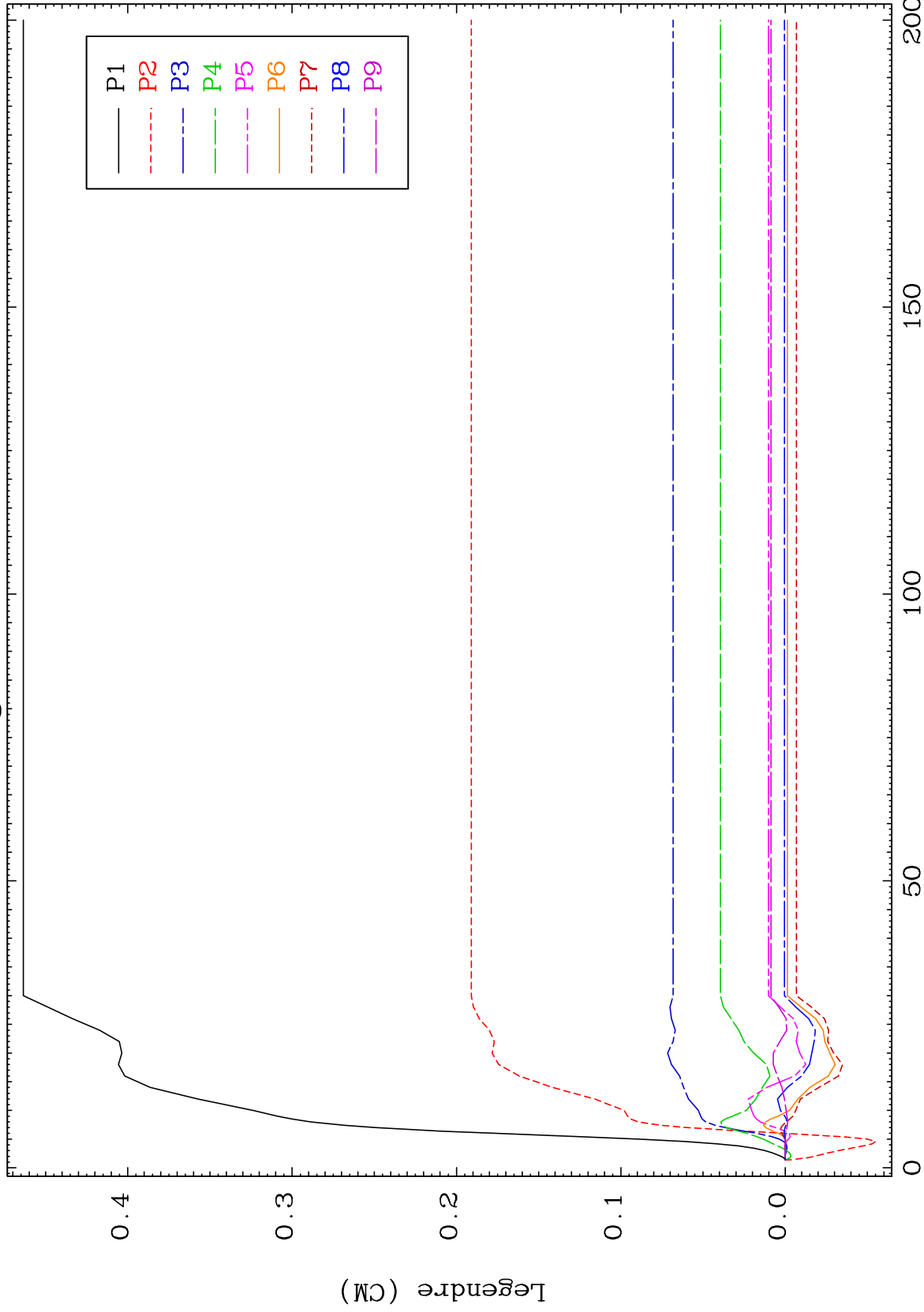
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



38

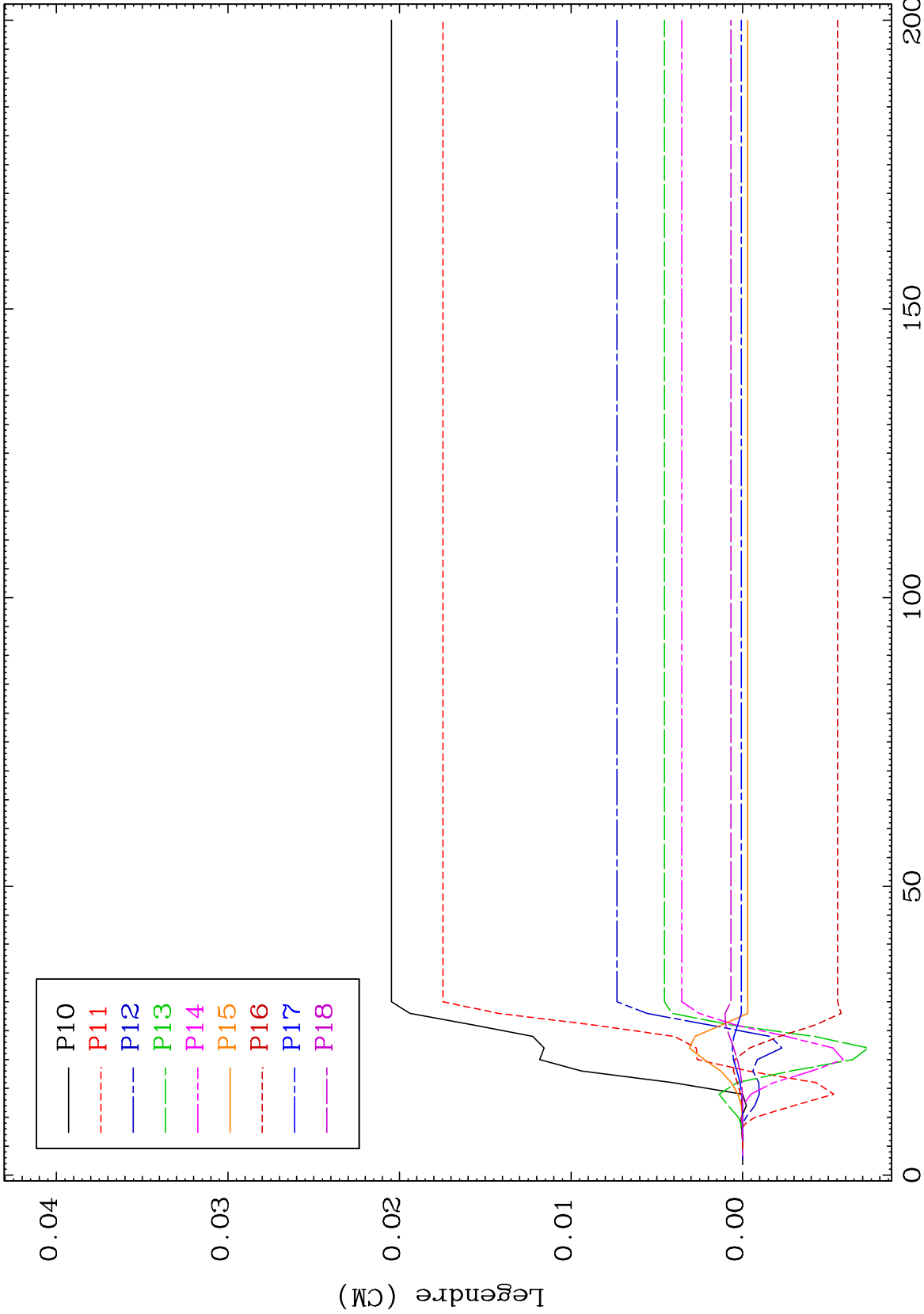
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



39

Incident Energy (MeV)

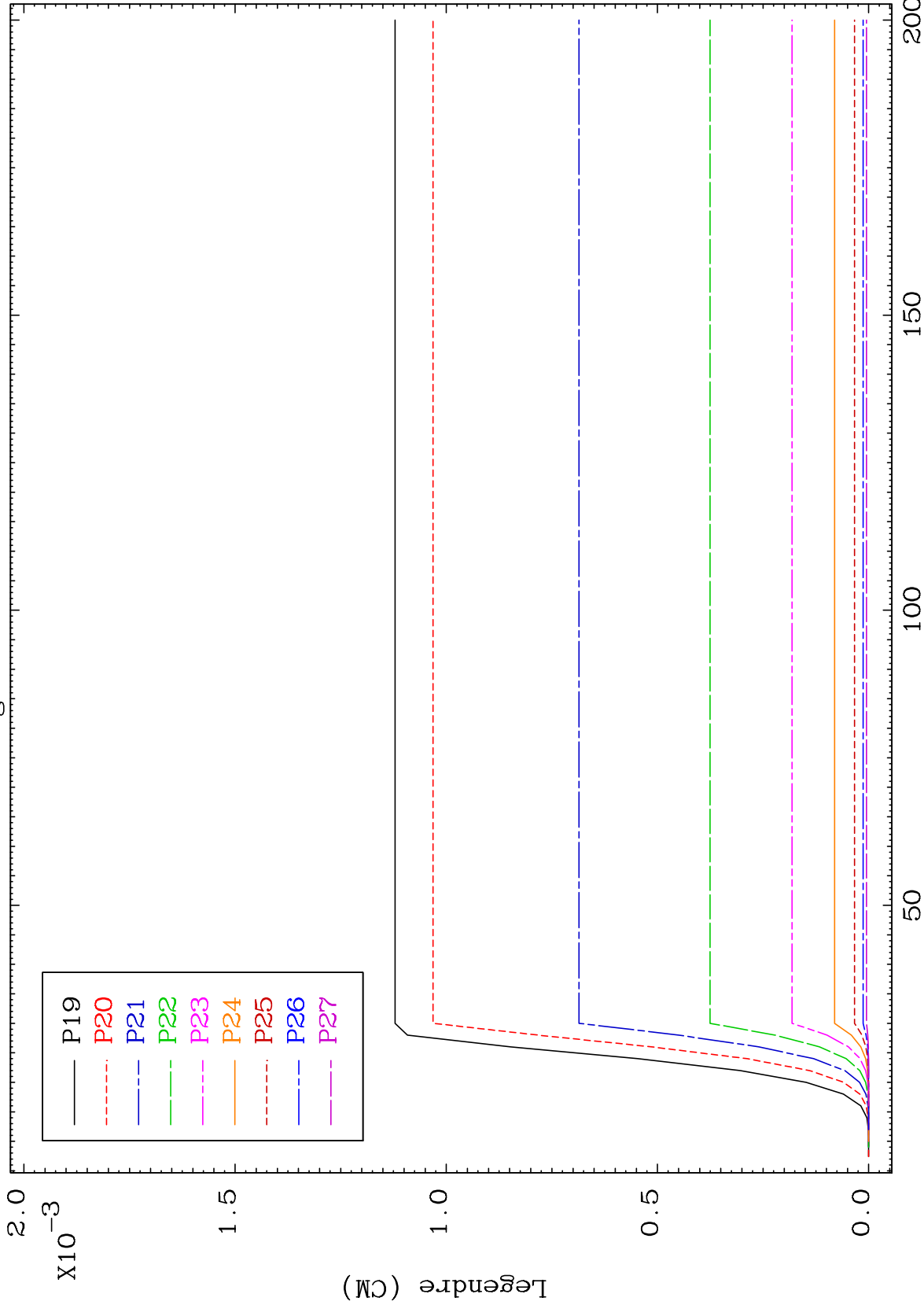
58-Ce-126



MAT 5795

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

58-Ce-126



40

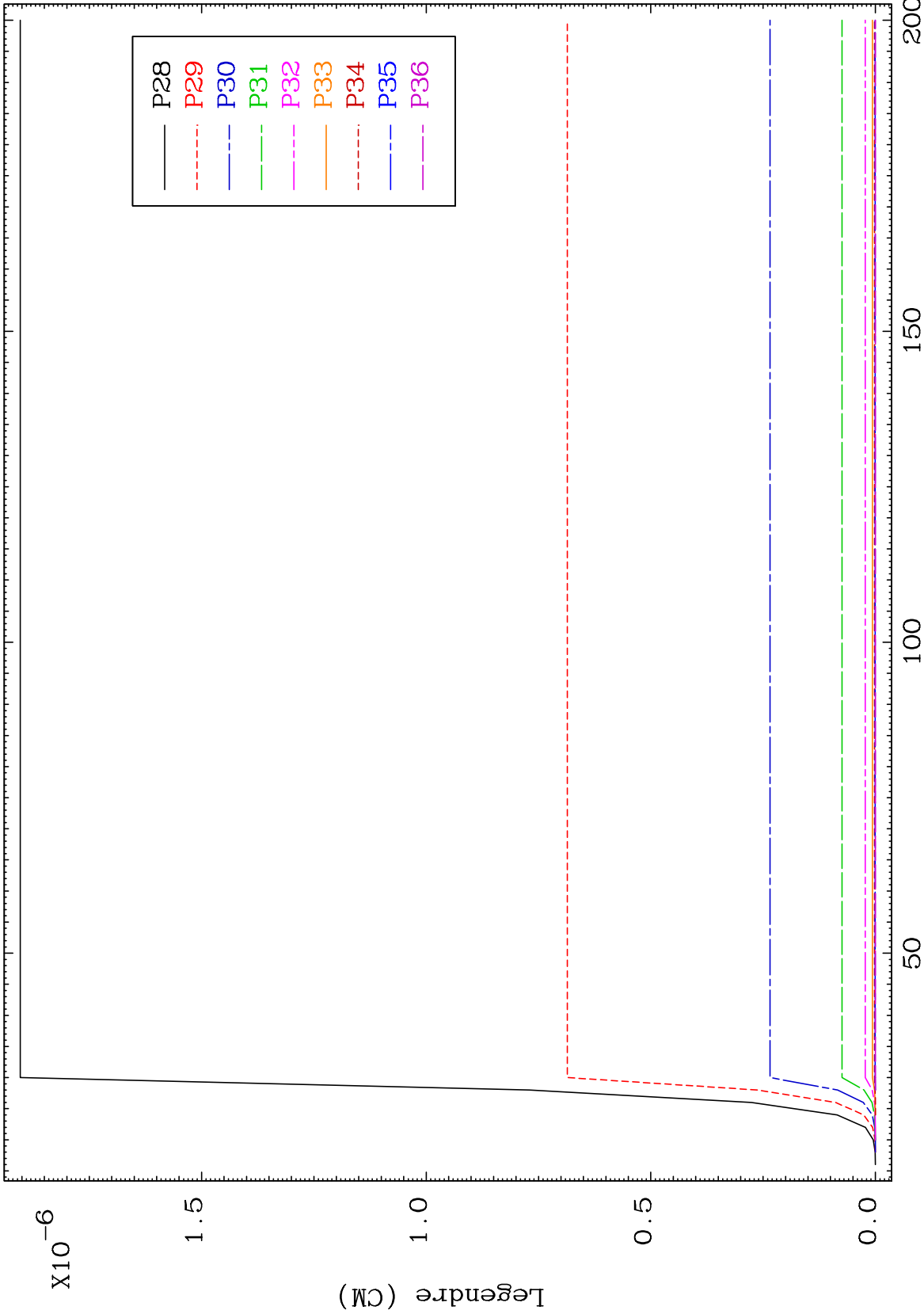
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



41

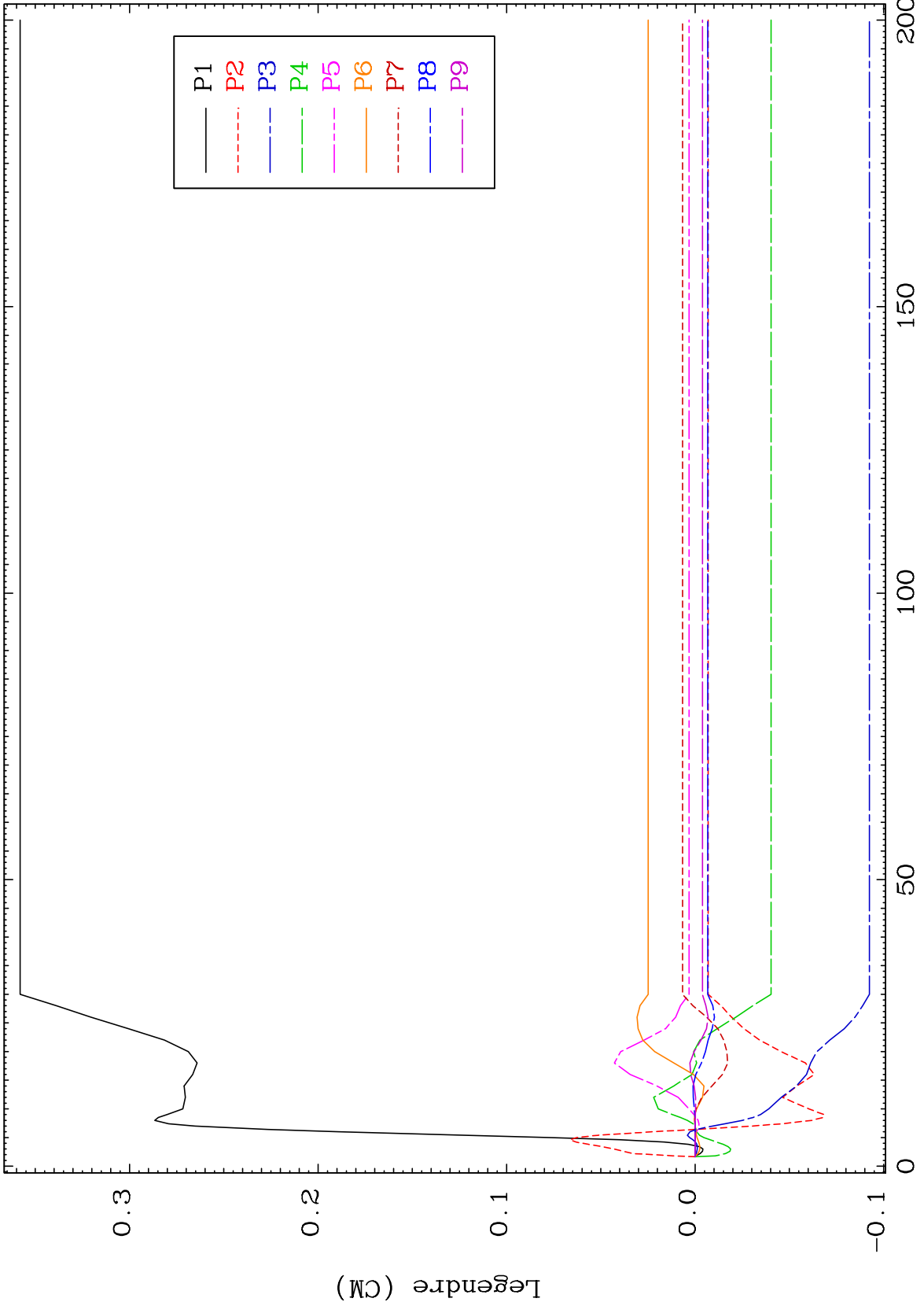
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



42

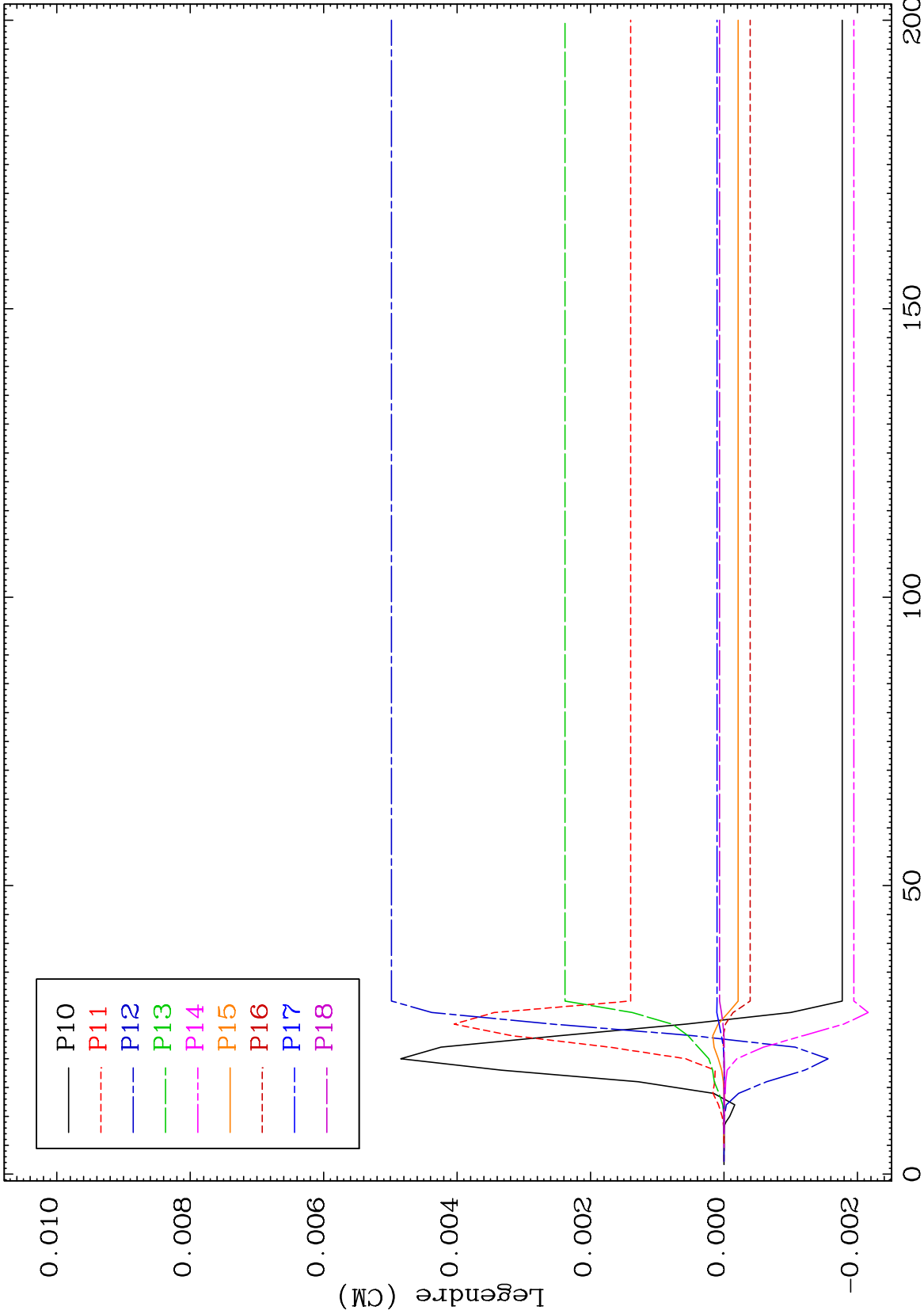
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



43

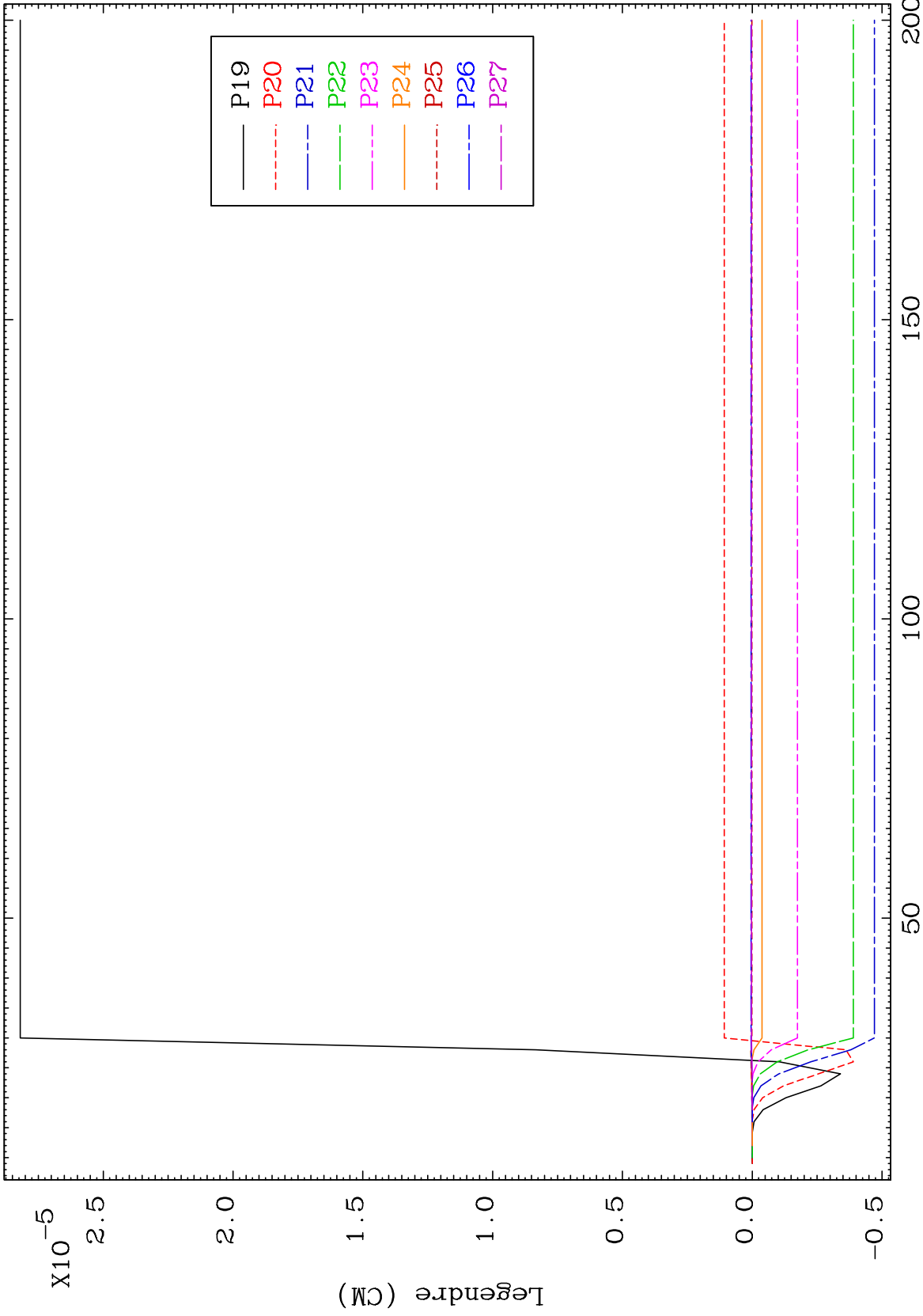
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



44

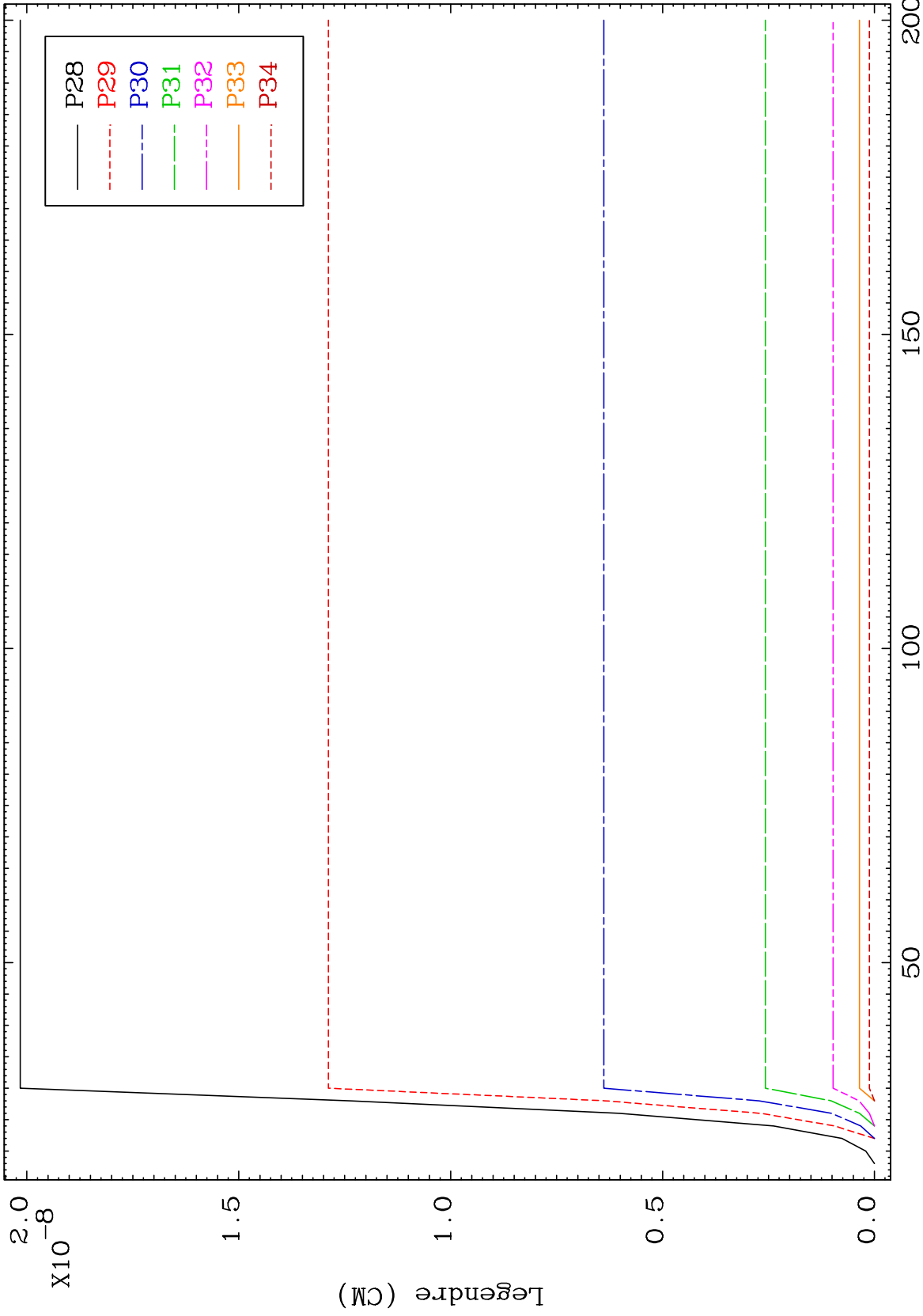
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



45

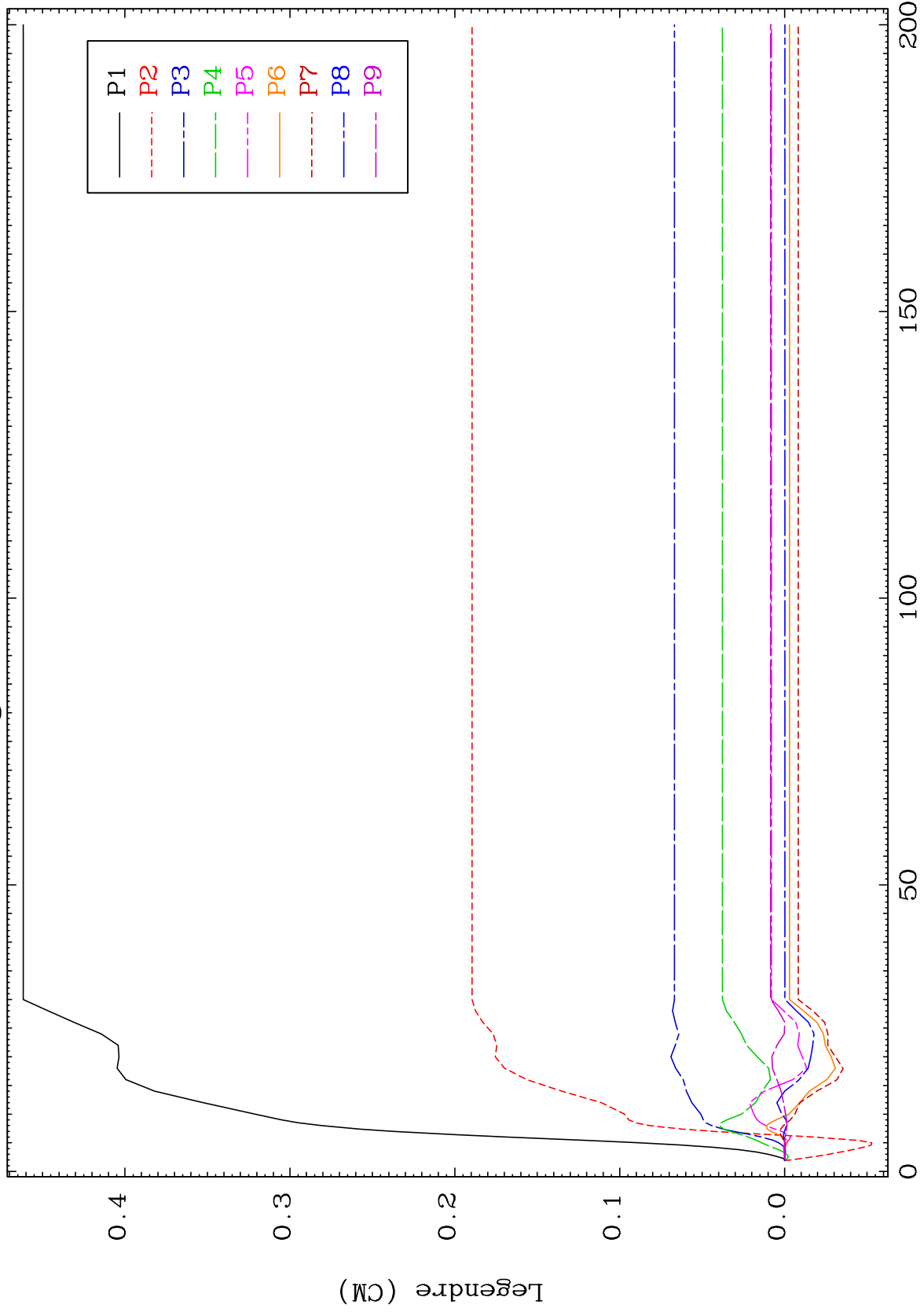
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



46

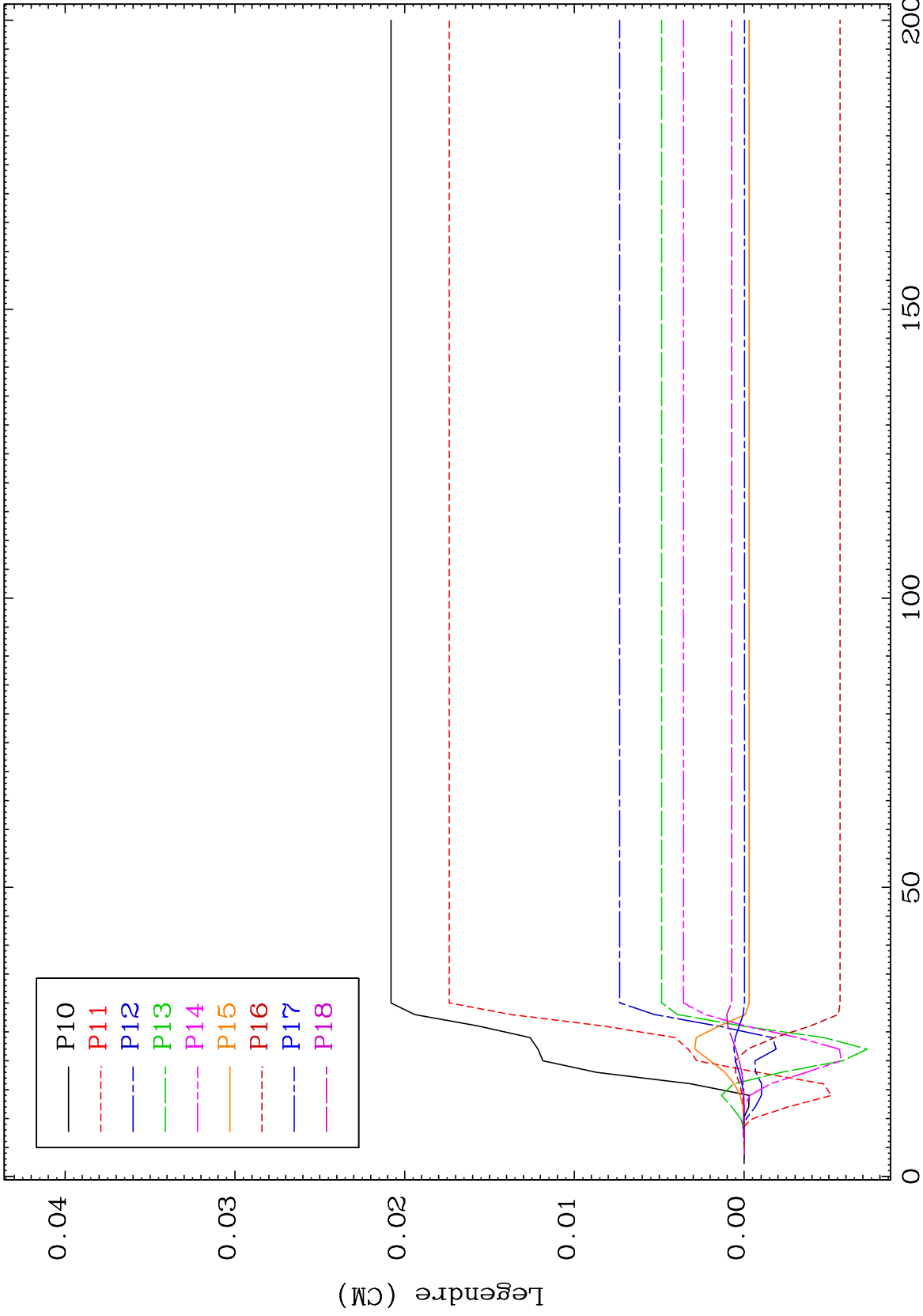
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



47

Incident Energy (MeV)

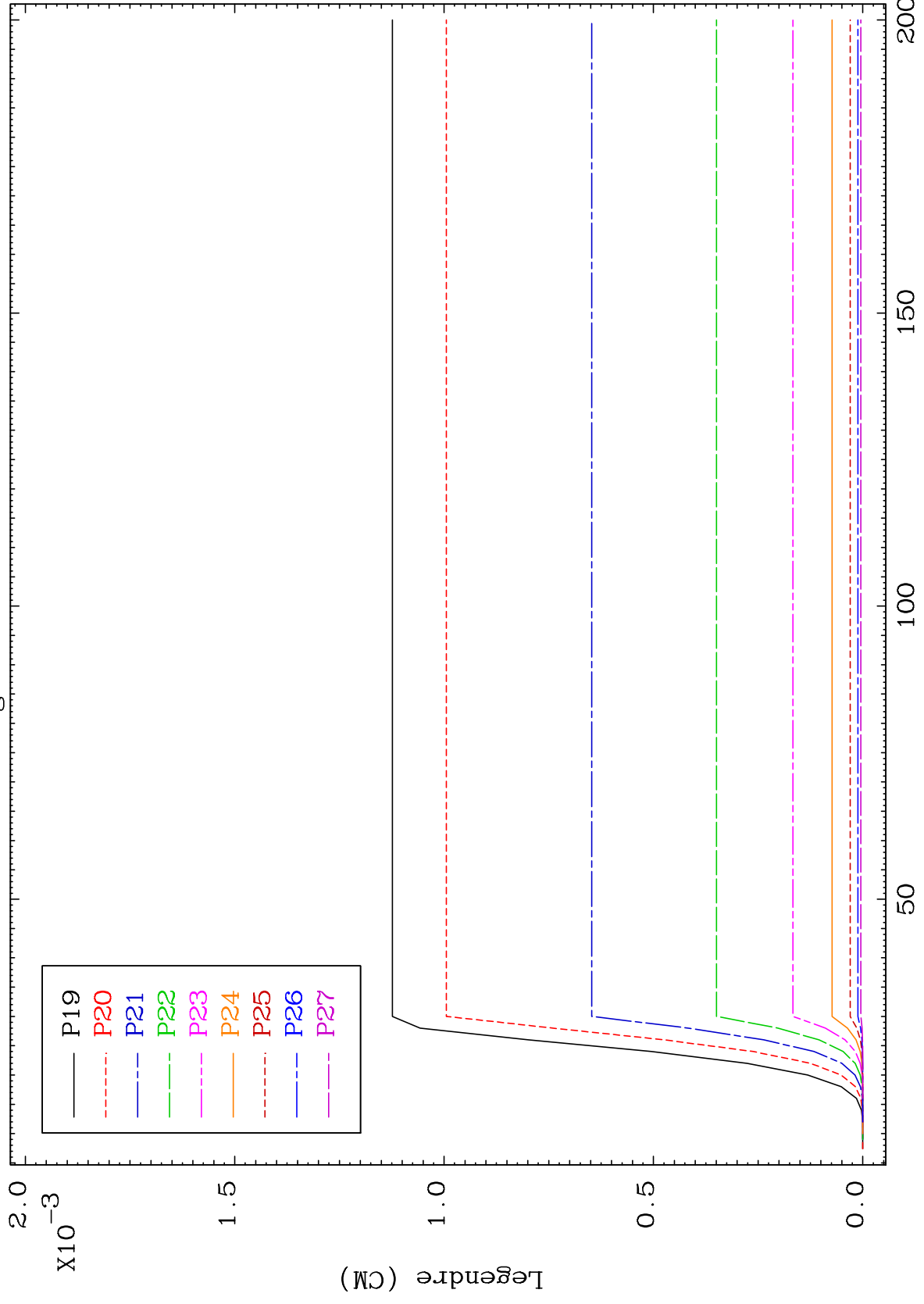
58-Ce-126



MAT 5795

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

58-Ce-126



48

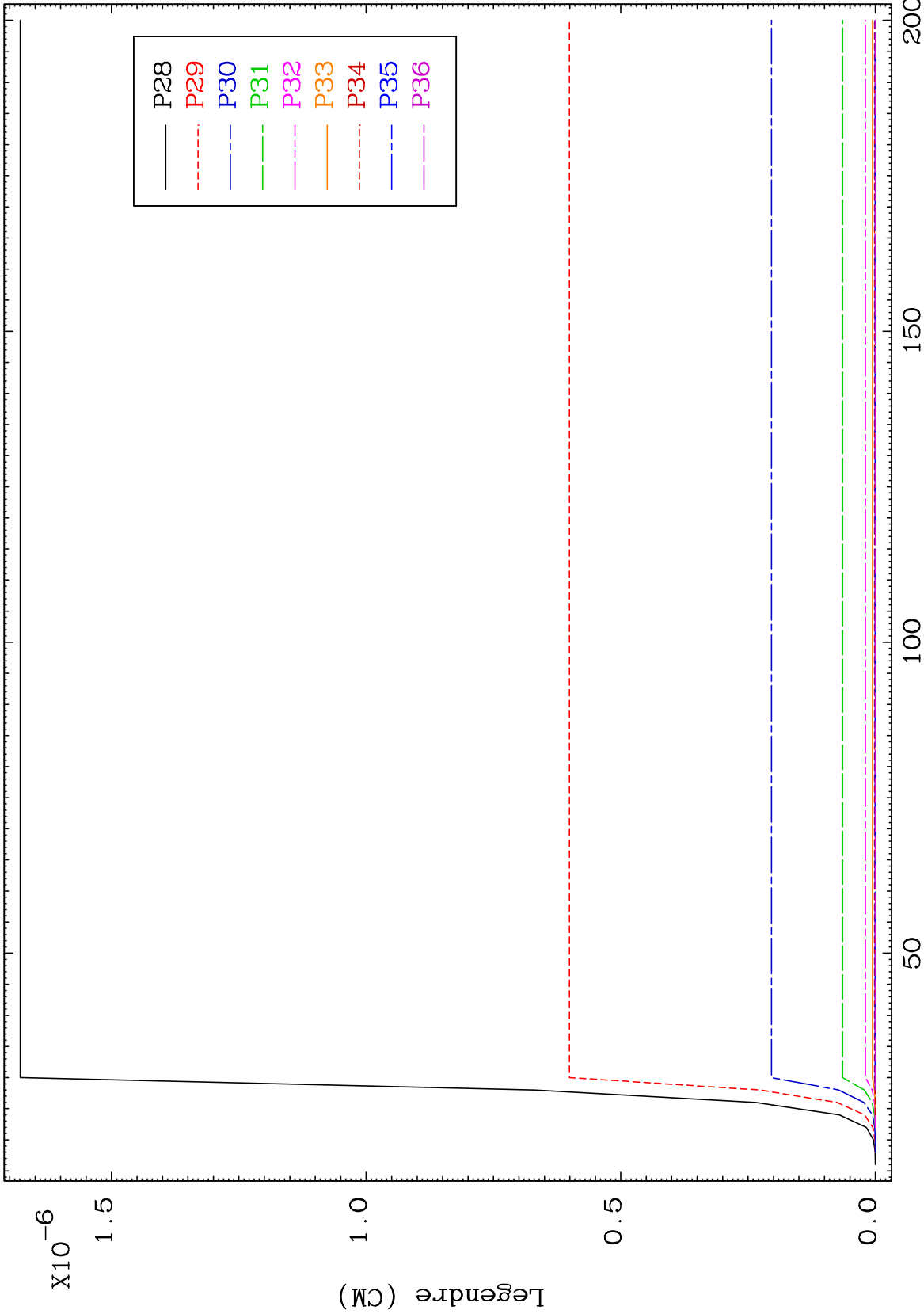
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



49

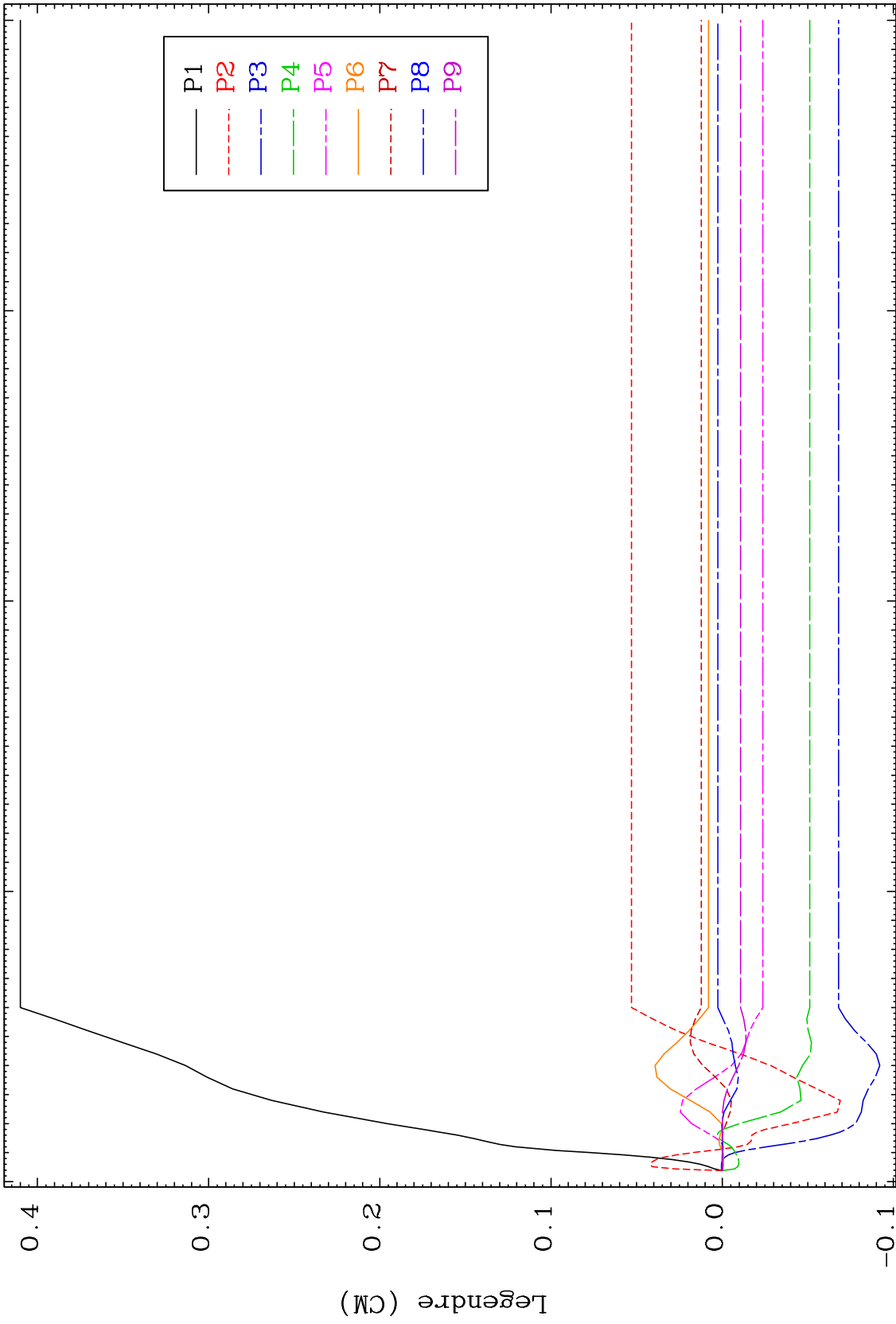
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



58-Ce-126

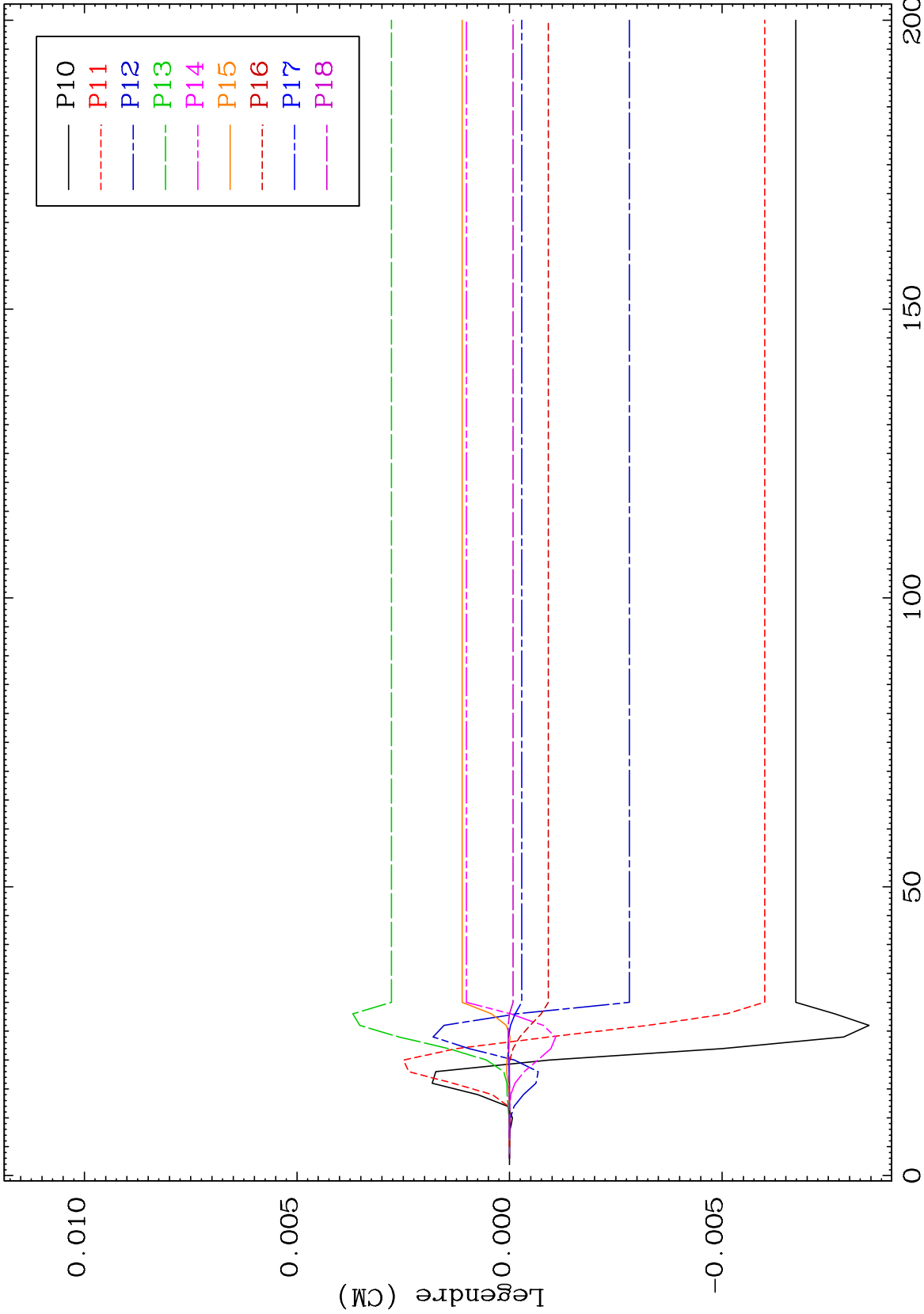
Incident Energy (MeV)

50

MAT 5795

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

58-Ce-126



51

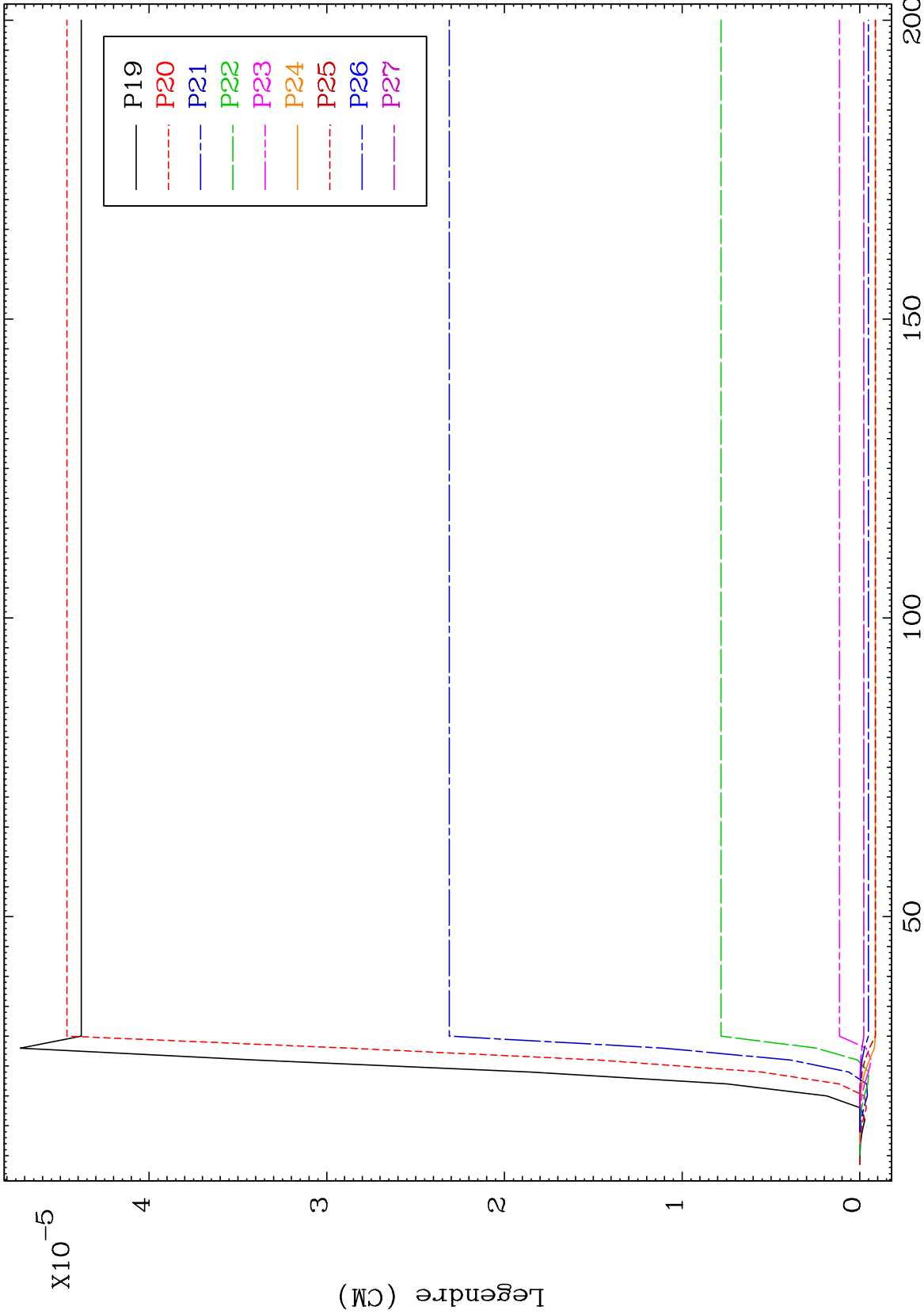
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



52

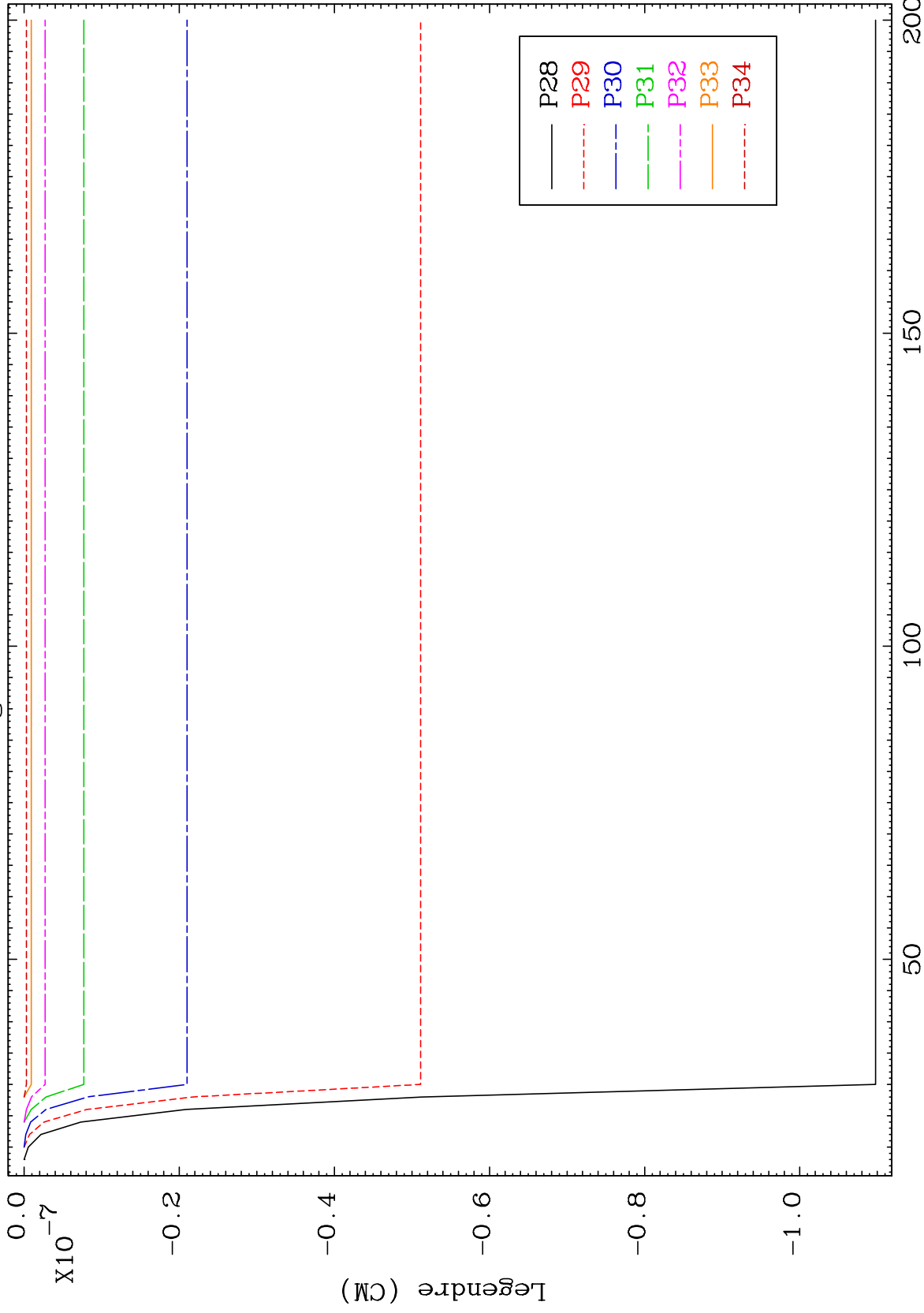
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



53

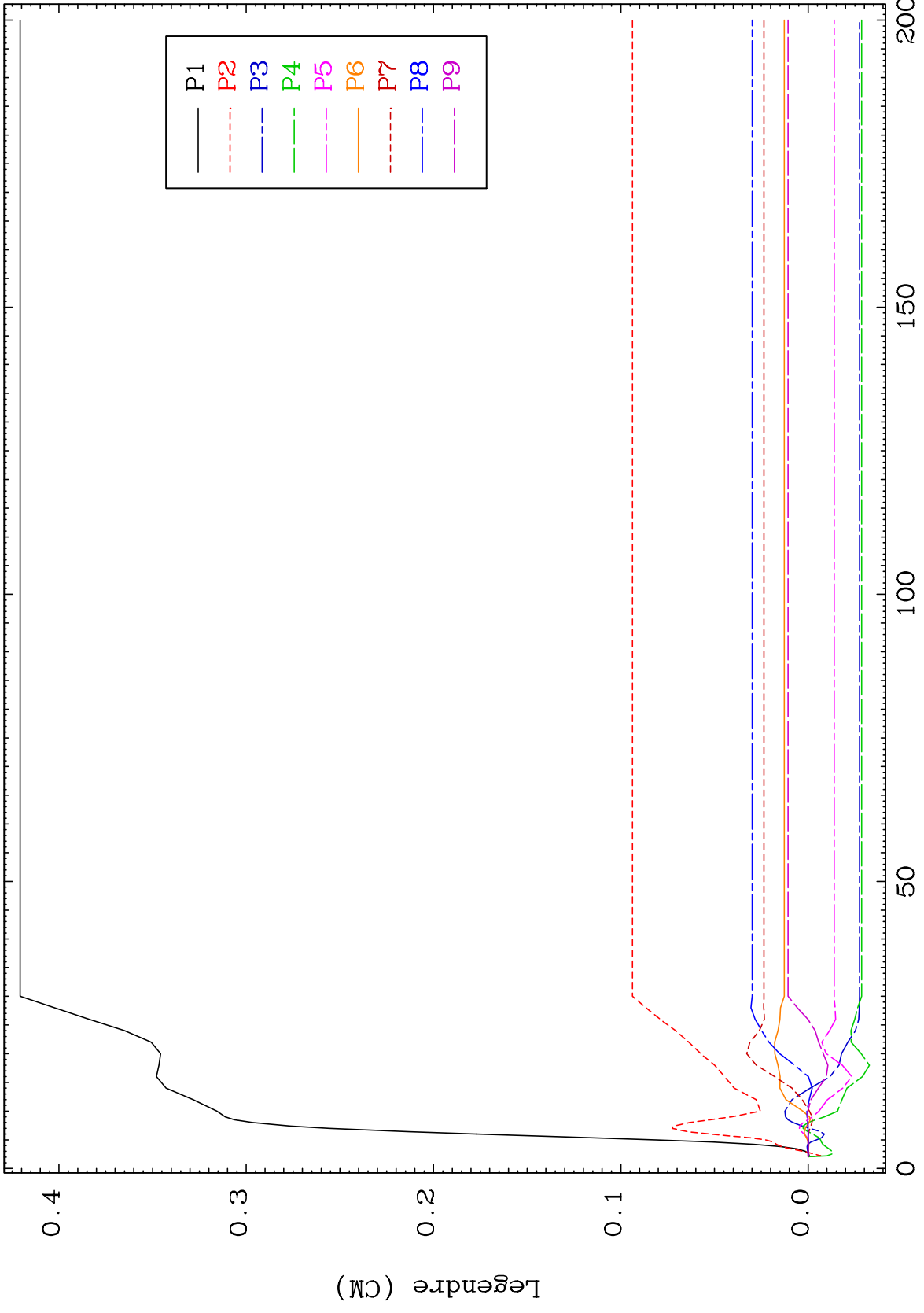
58-Ce-126

200

MAT 5795

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

58-Ce-126



54

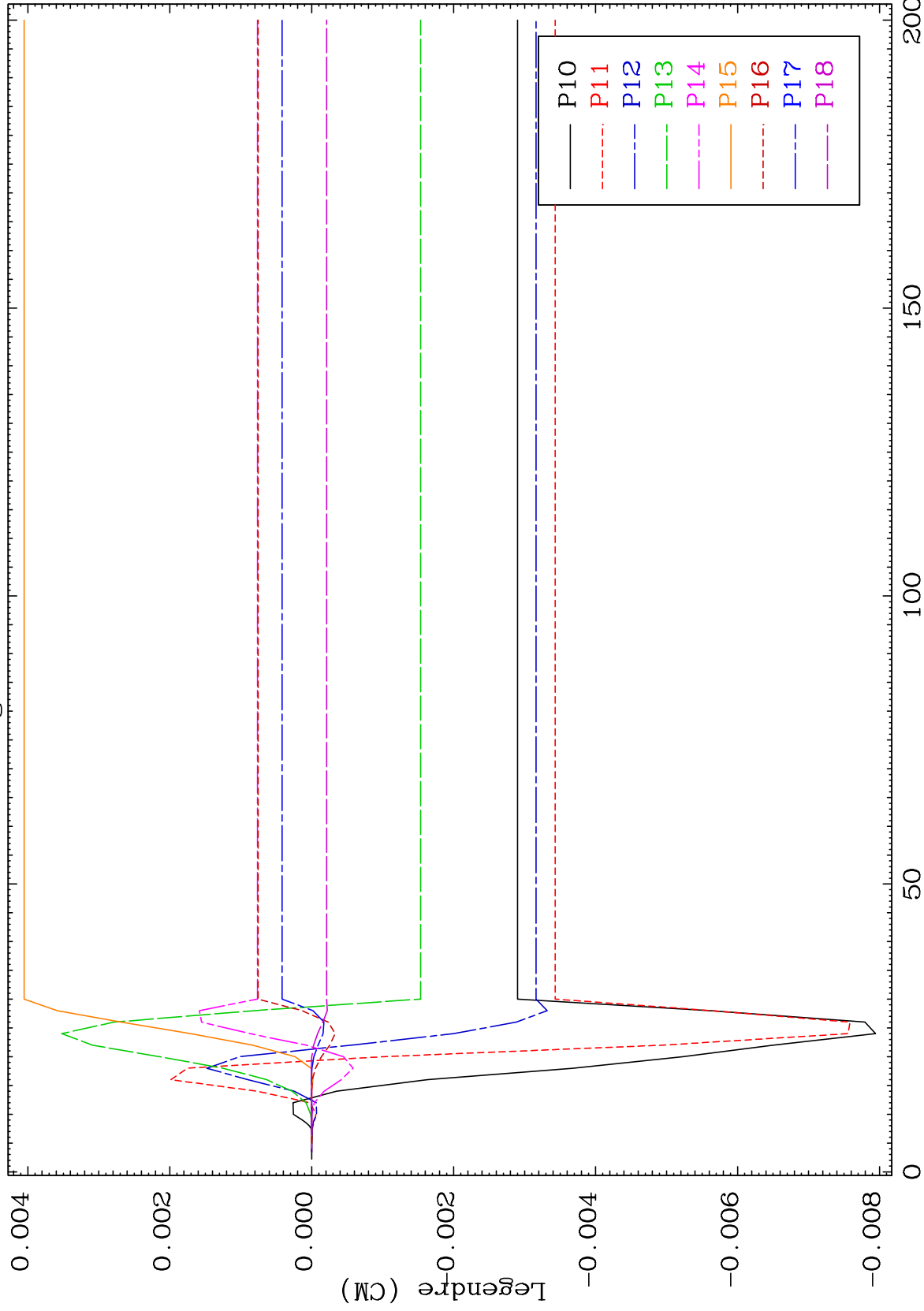
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



55

Incident Energy (MeV)

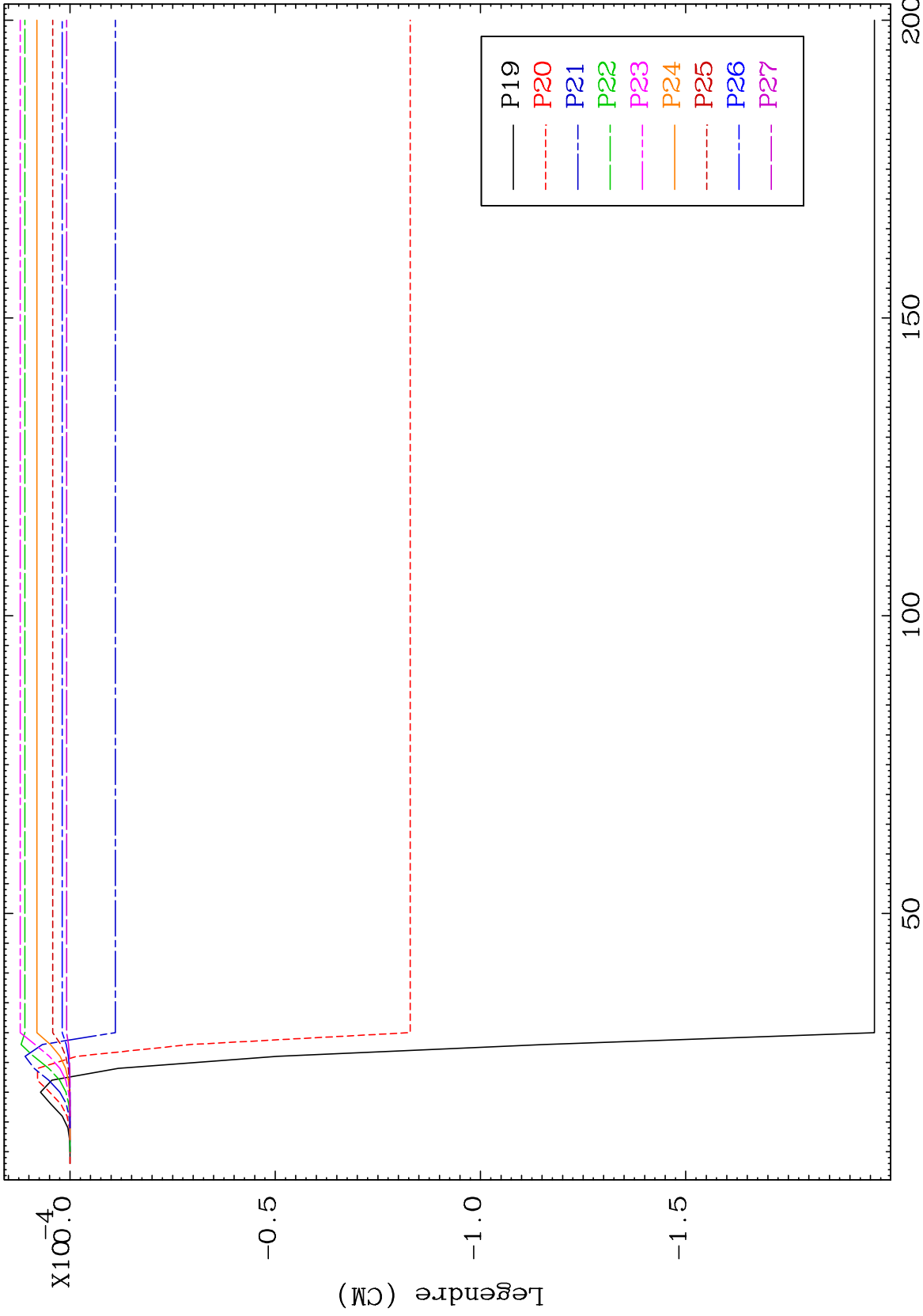
58-Ce-126



MAT 5795

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

58-Ce-126



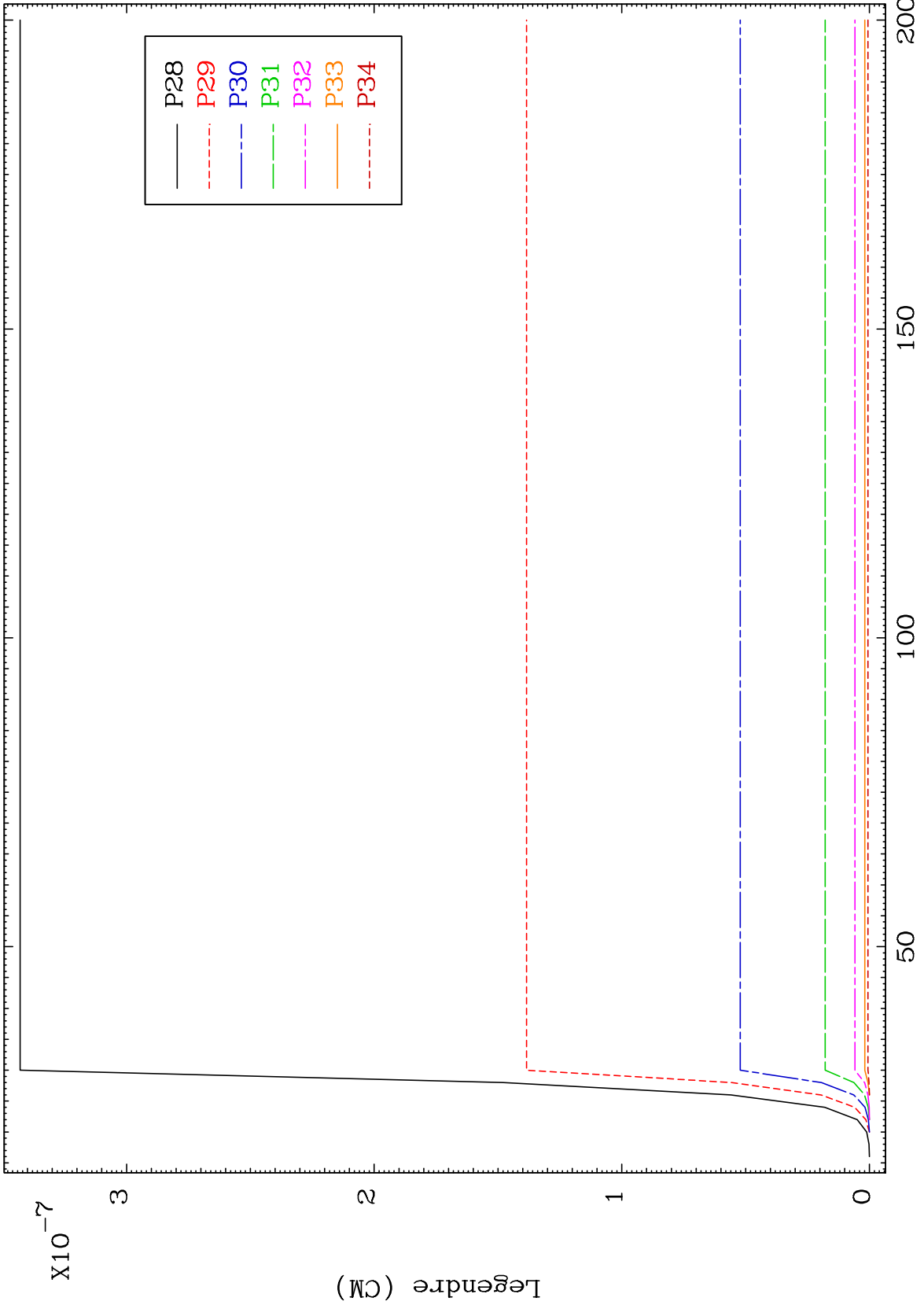
56

58-Ce-126

MAT 5795

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

58-Ce-126



57

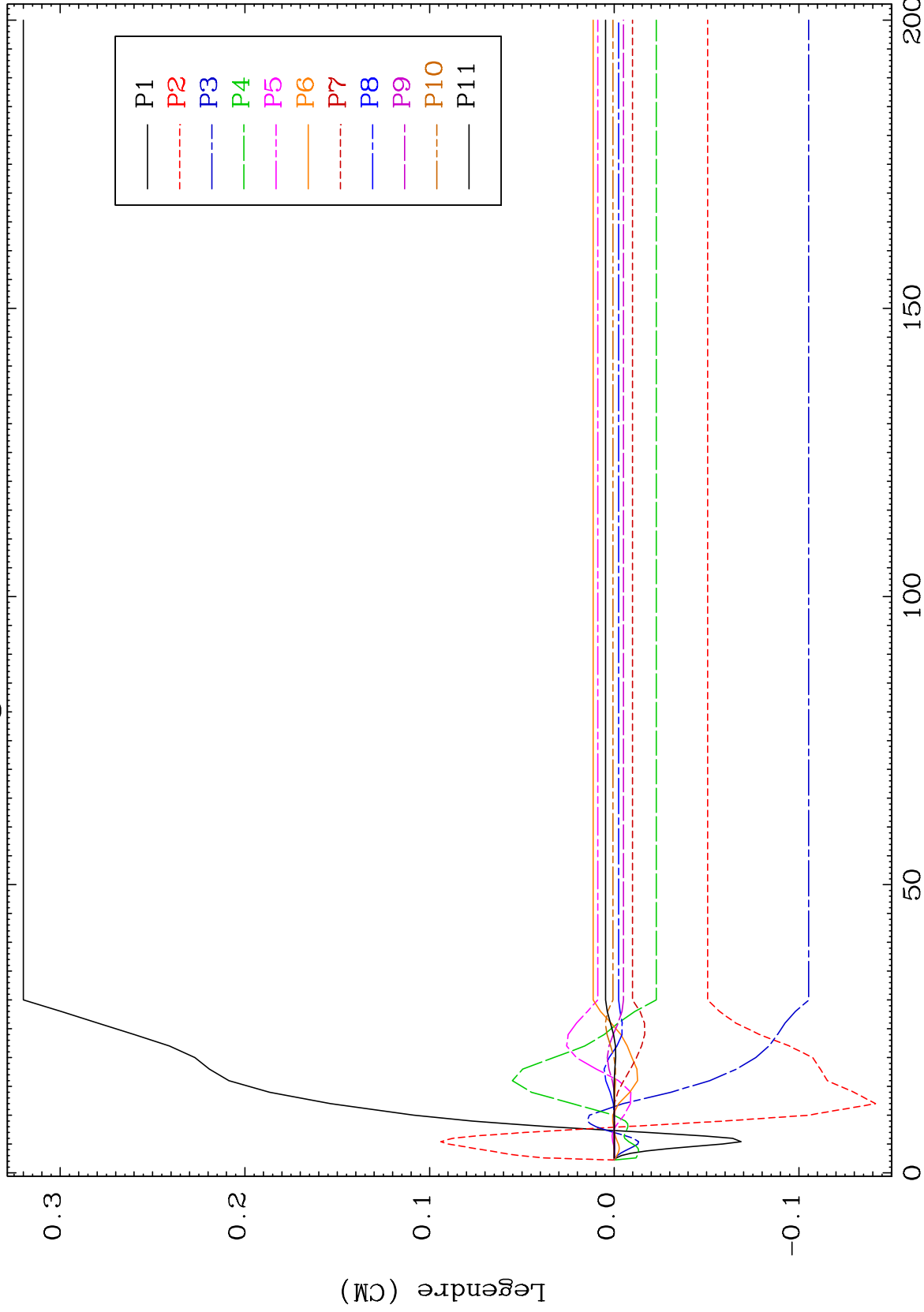
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



58

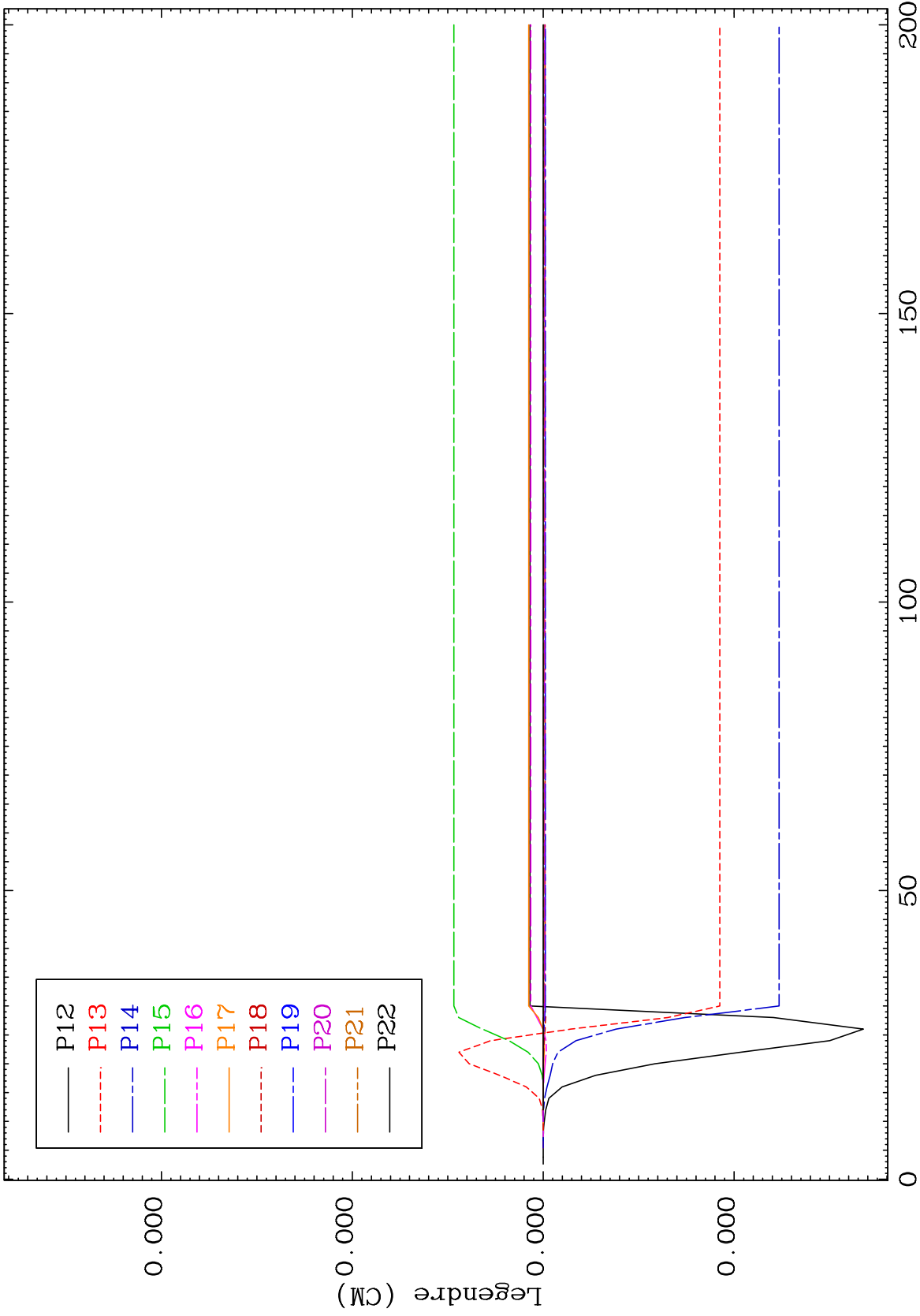
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



59

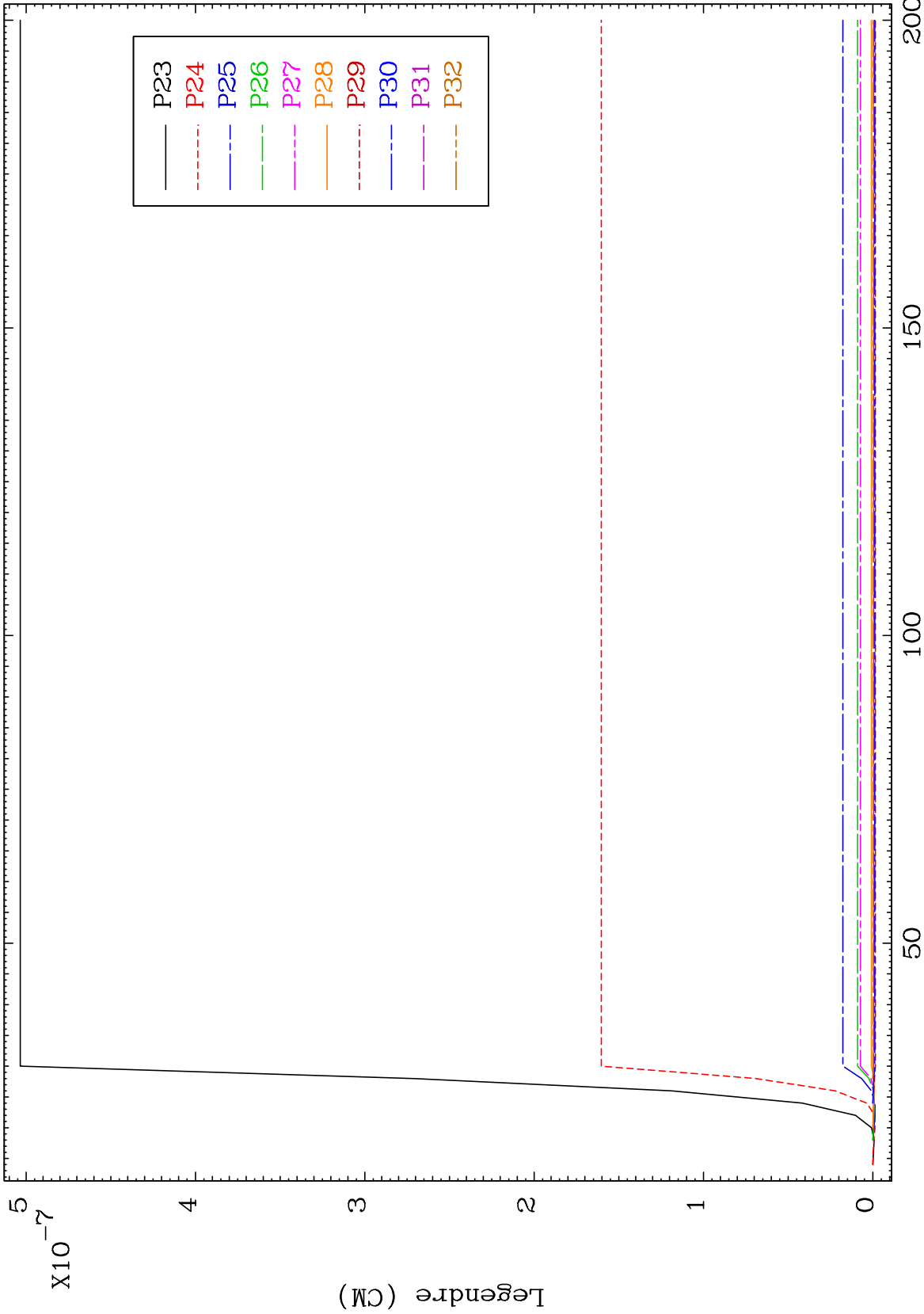
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



60

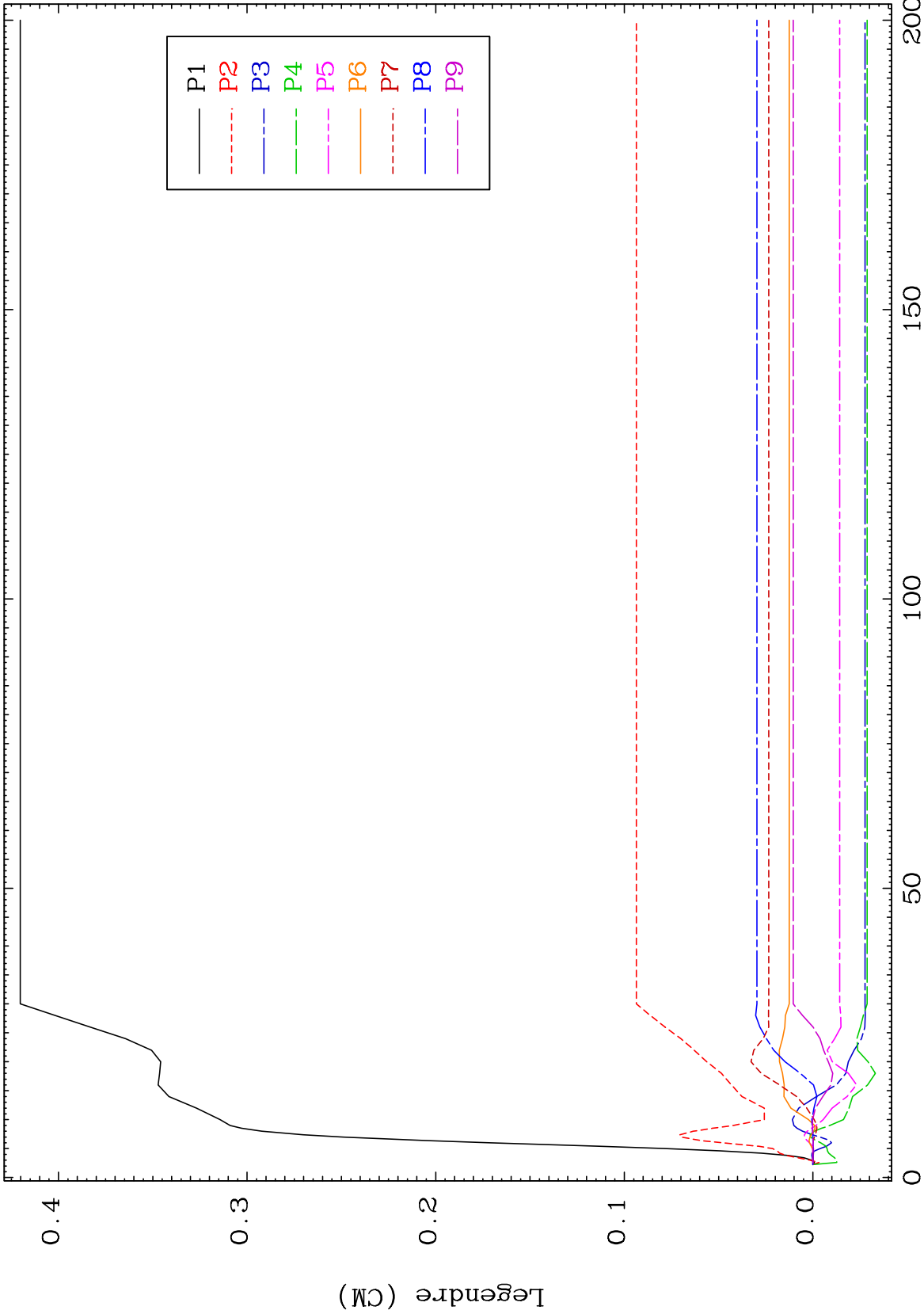
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



61

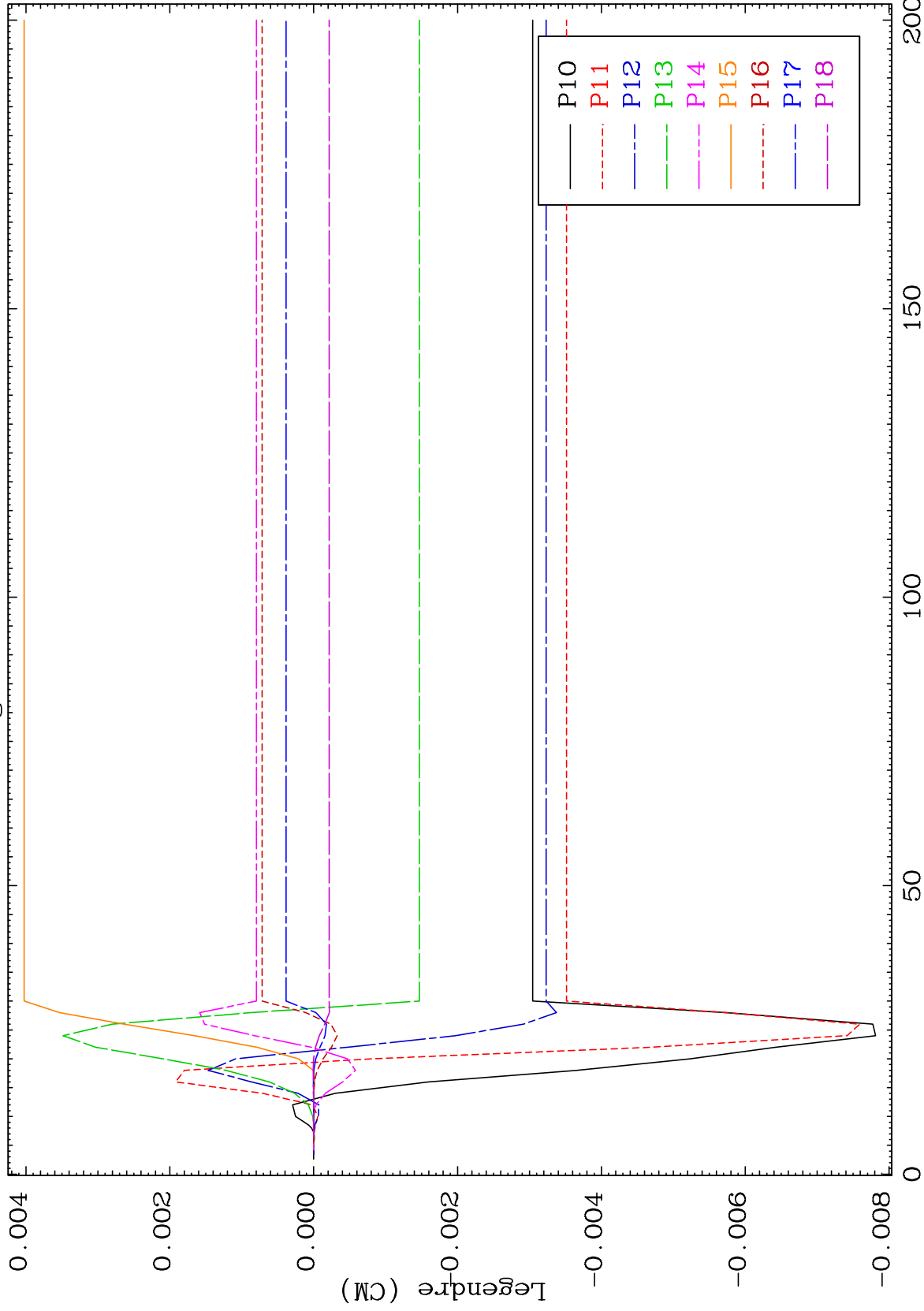
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



62

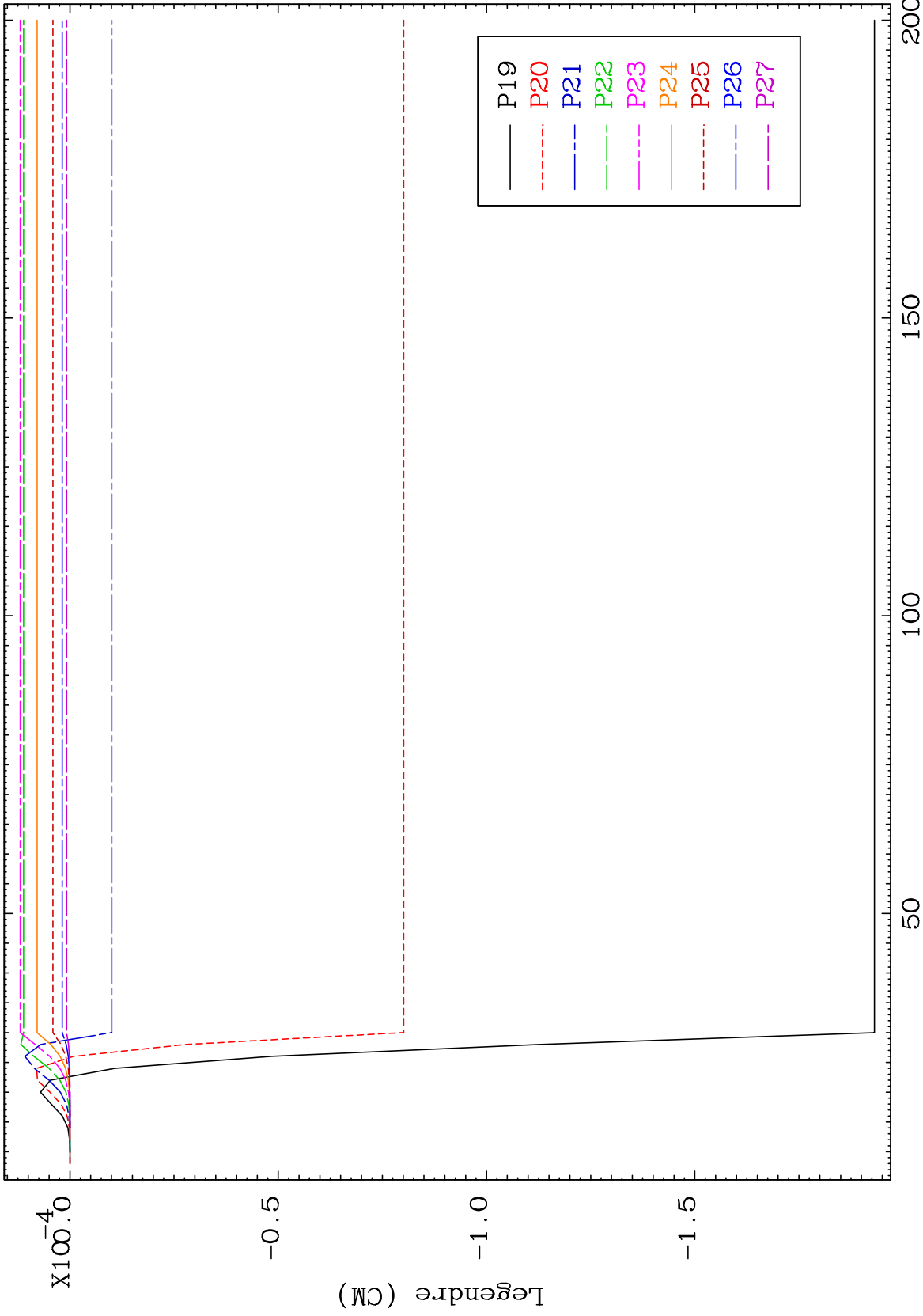
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



63

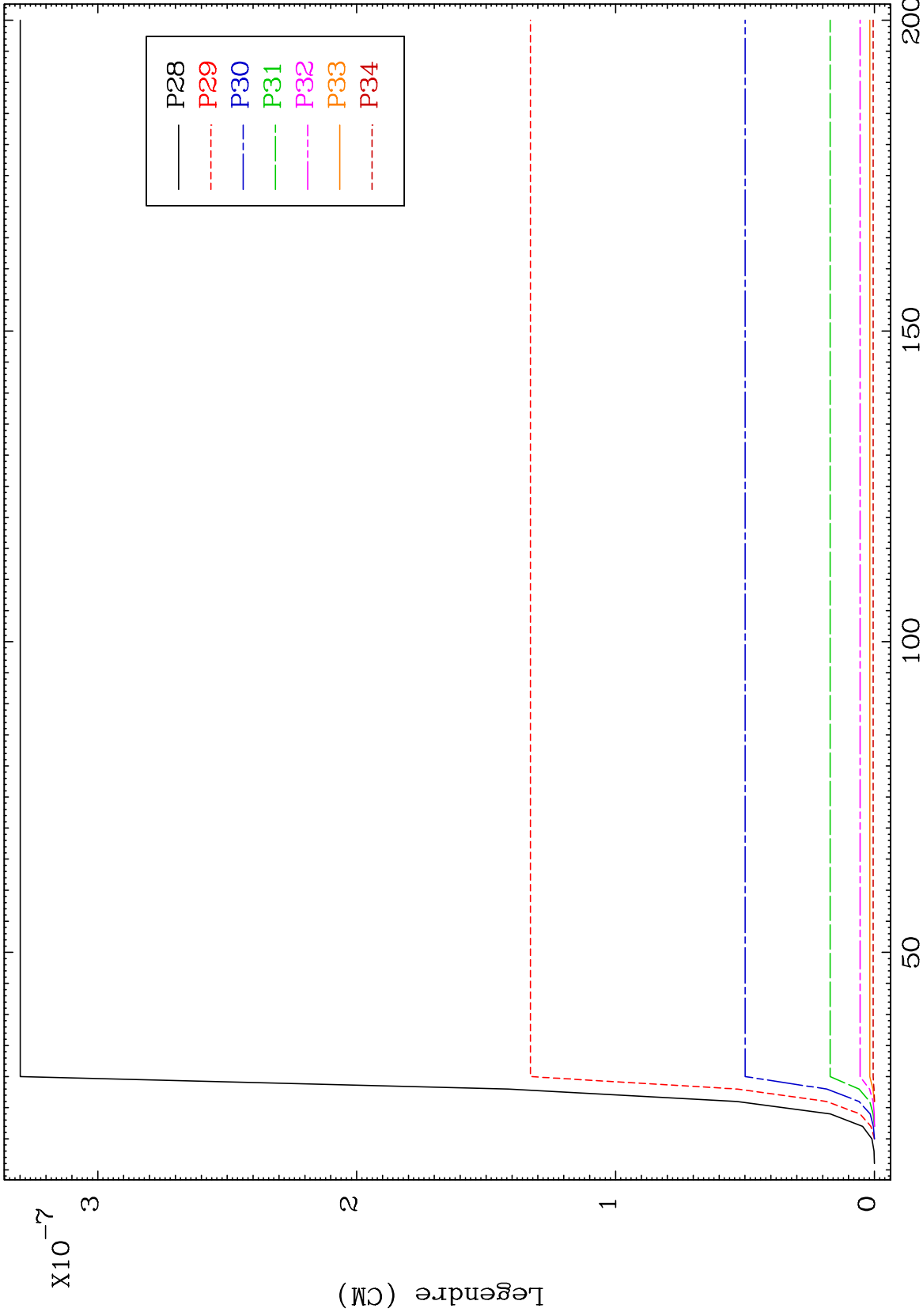
58-Ce-126



MAT 5795

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

58-Ce-126



64

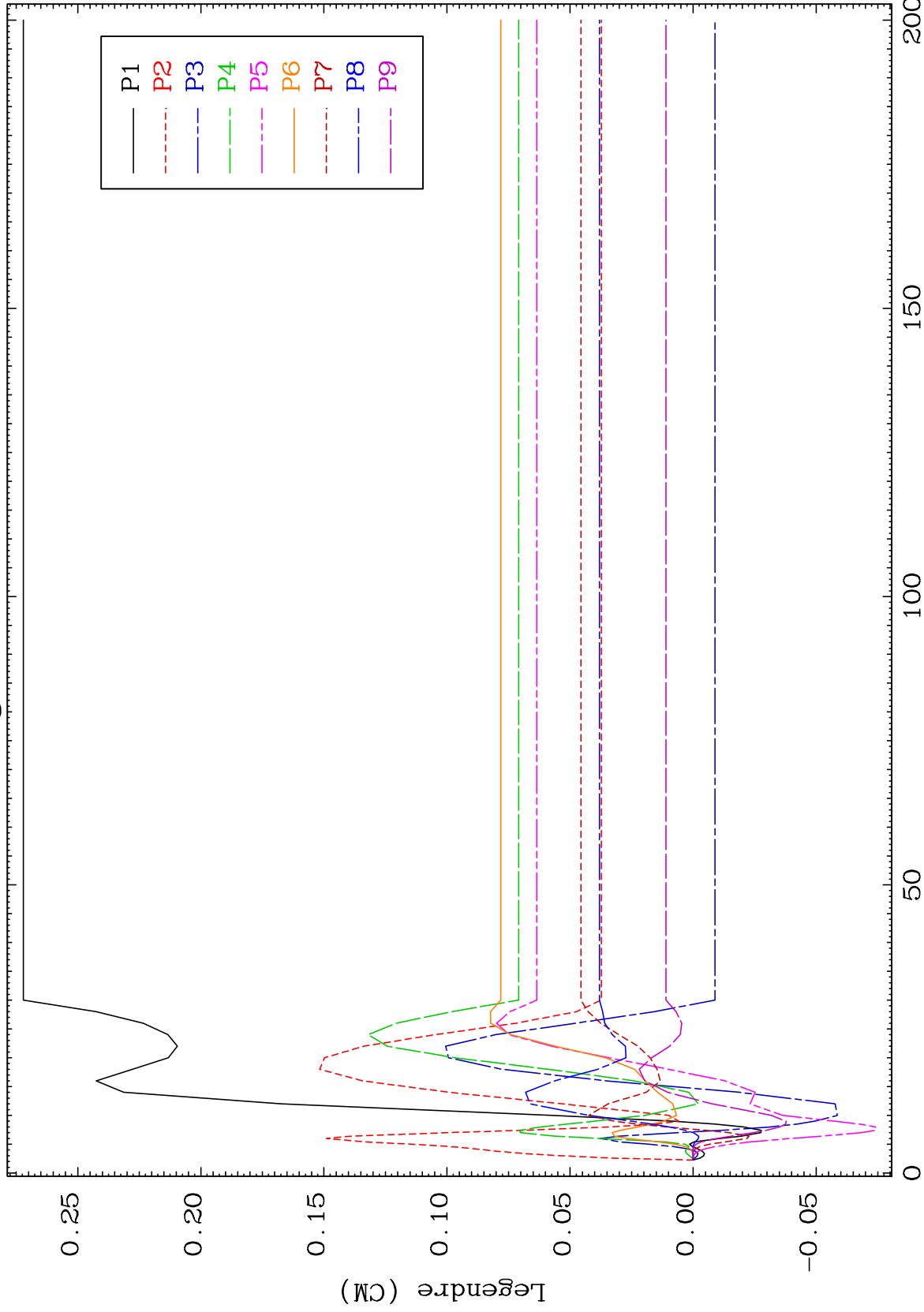
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



65

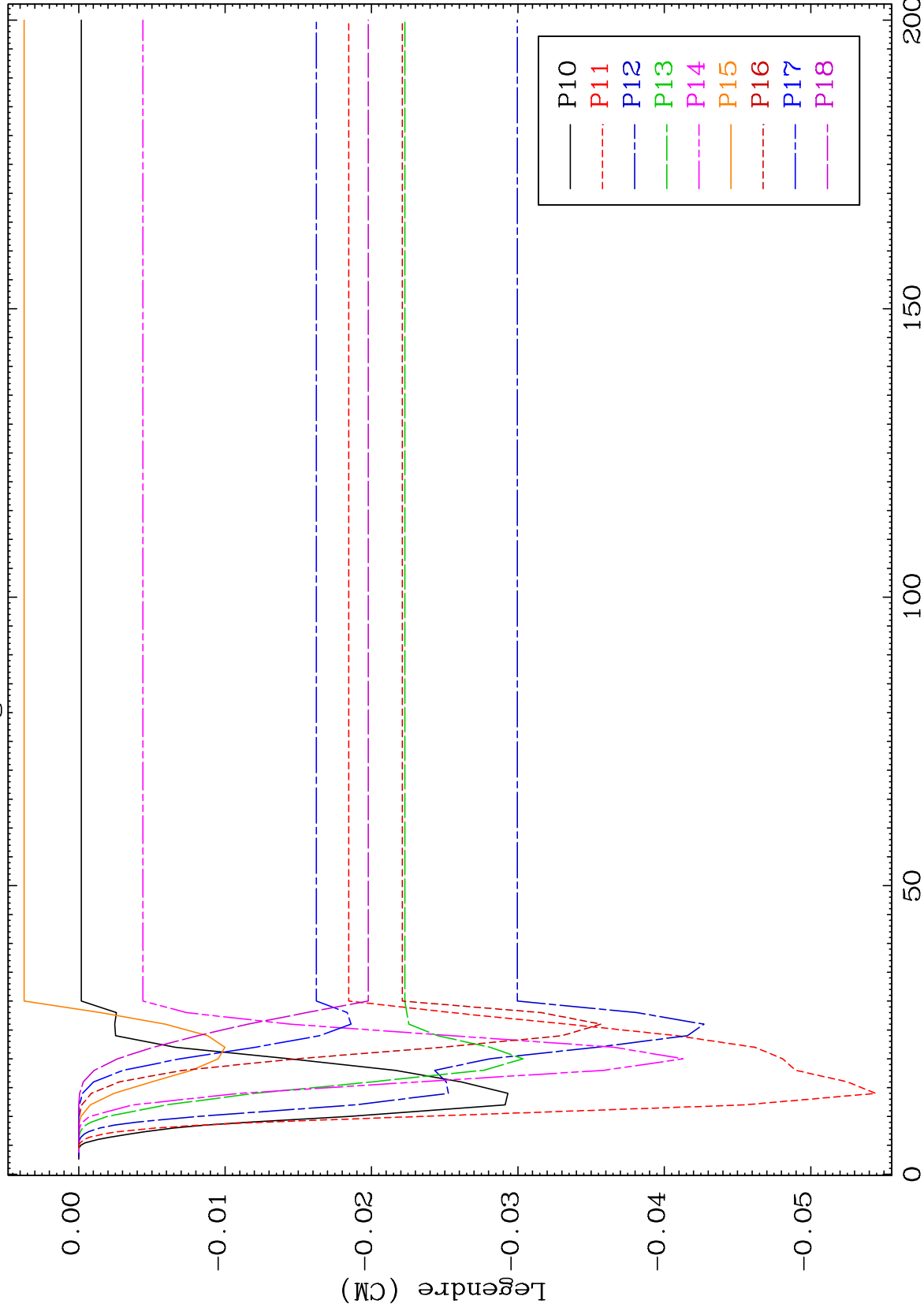
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126

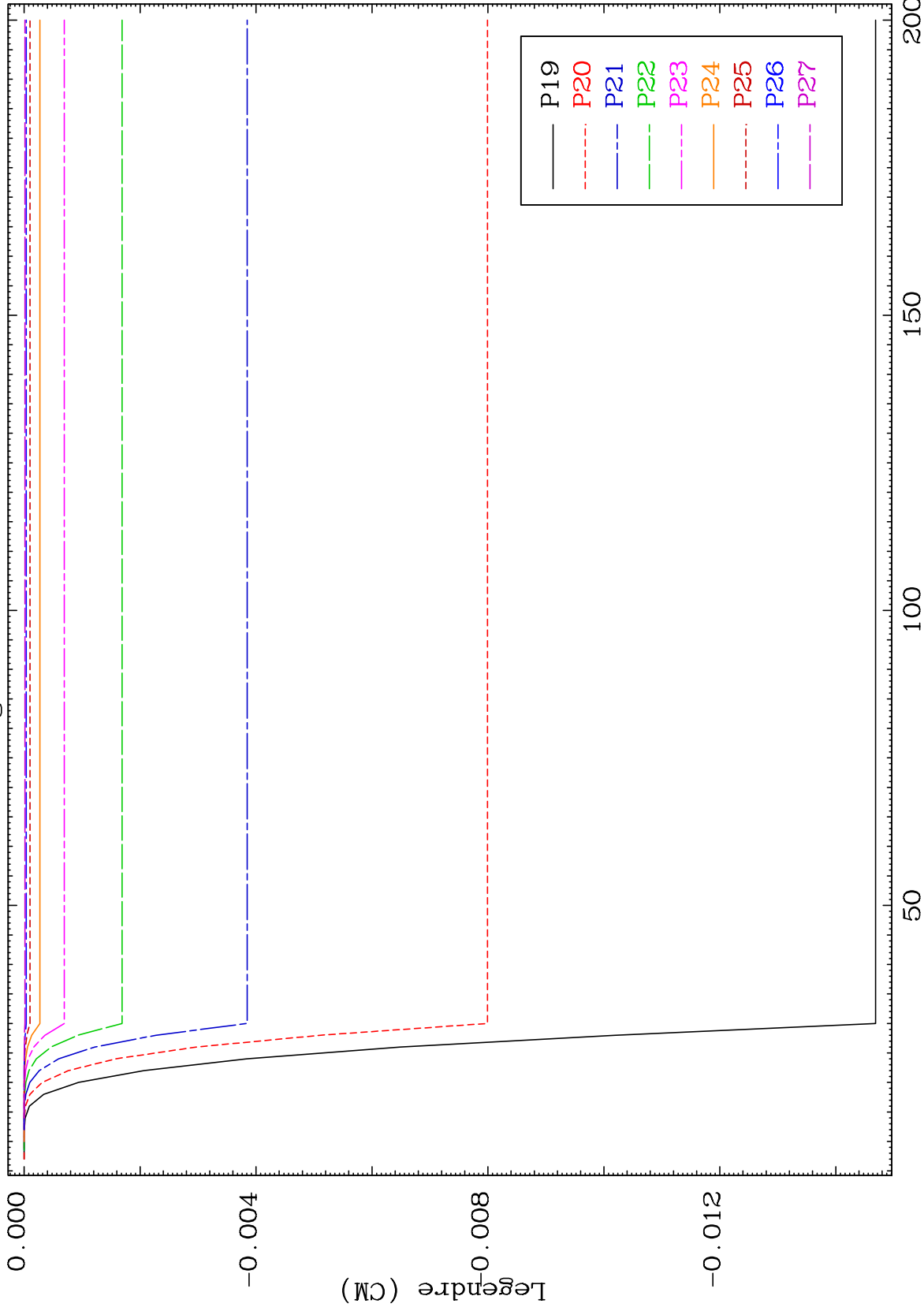


66

Incident Energy (MeV)

58-Ce-126

MAT 5795 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-126

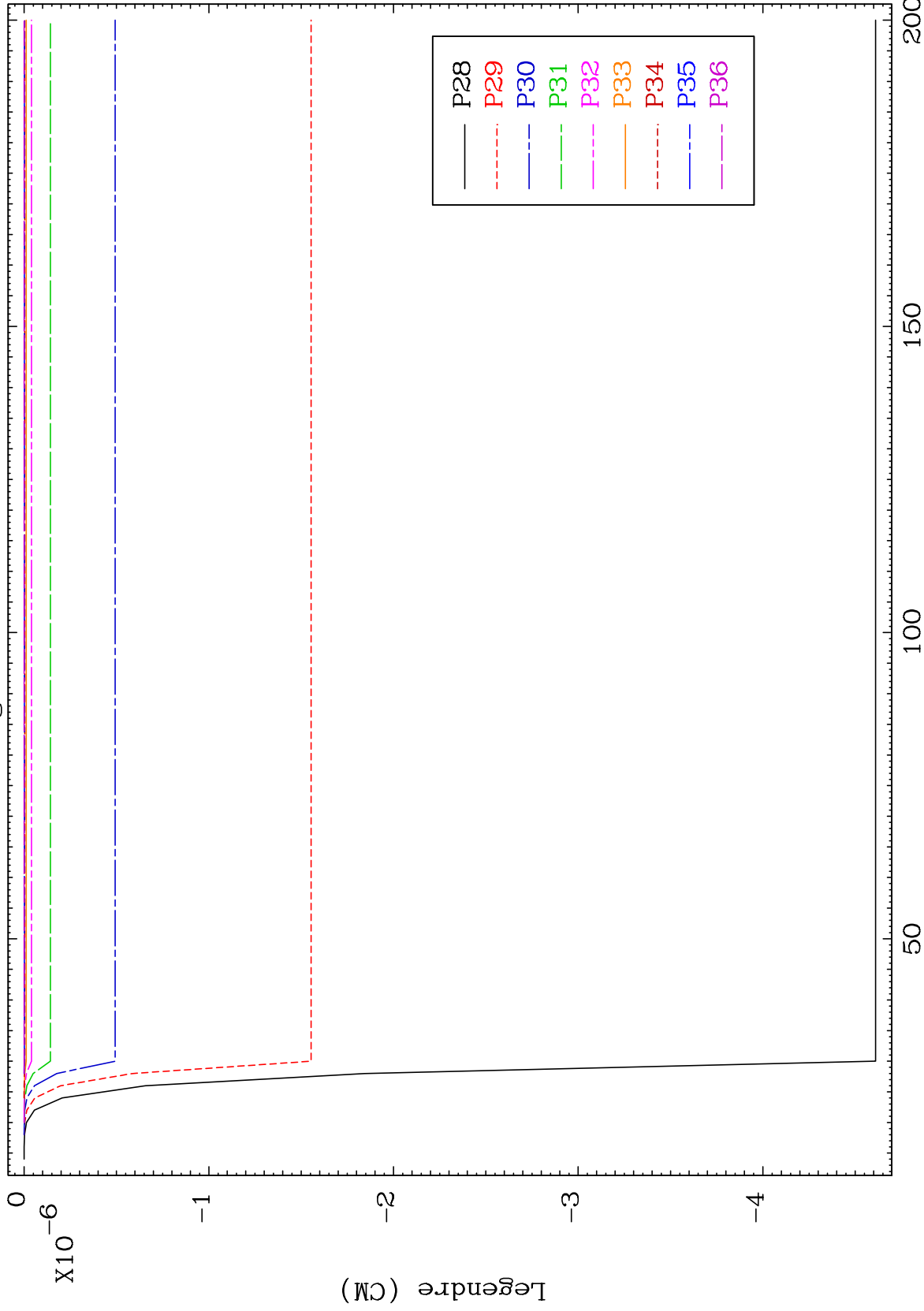


67 58-Ce-126

MAT 5795

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

58-Ce-126



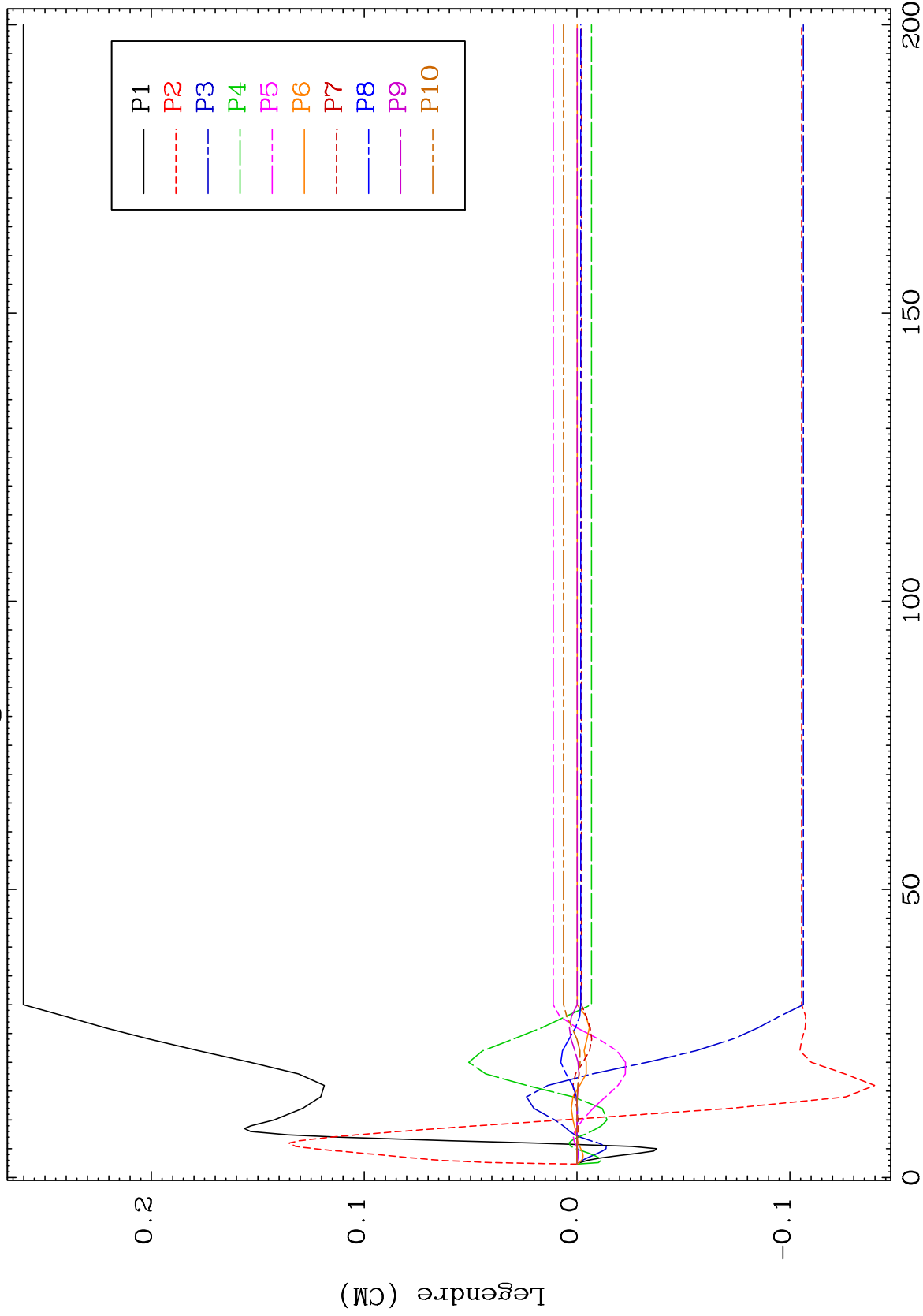
68

58-Ce-126

MAT 5795

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

58-Ce-126



69

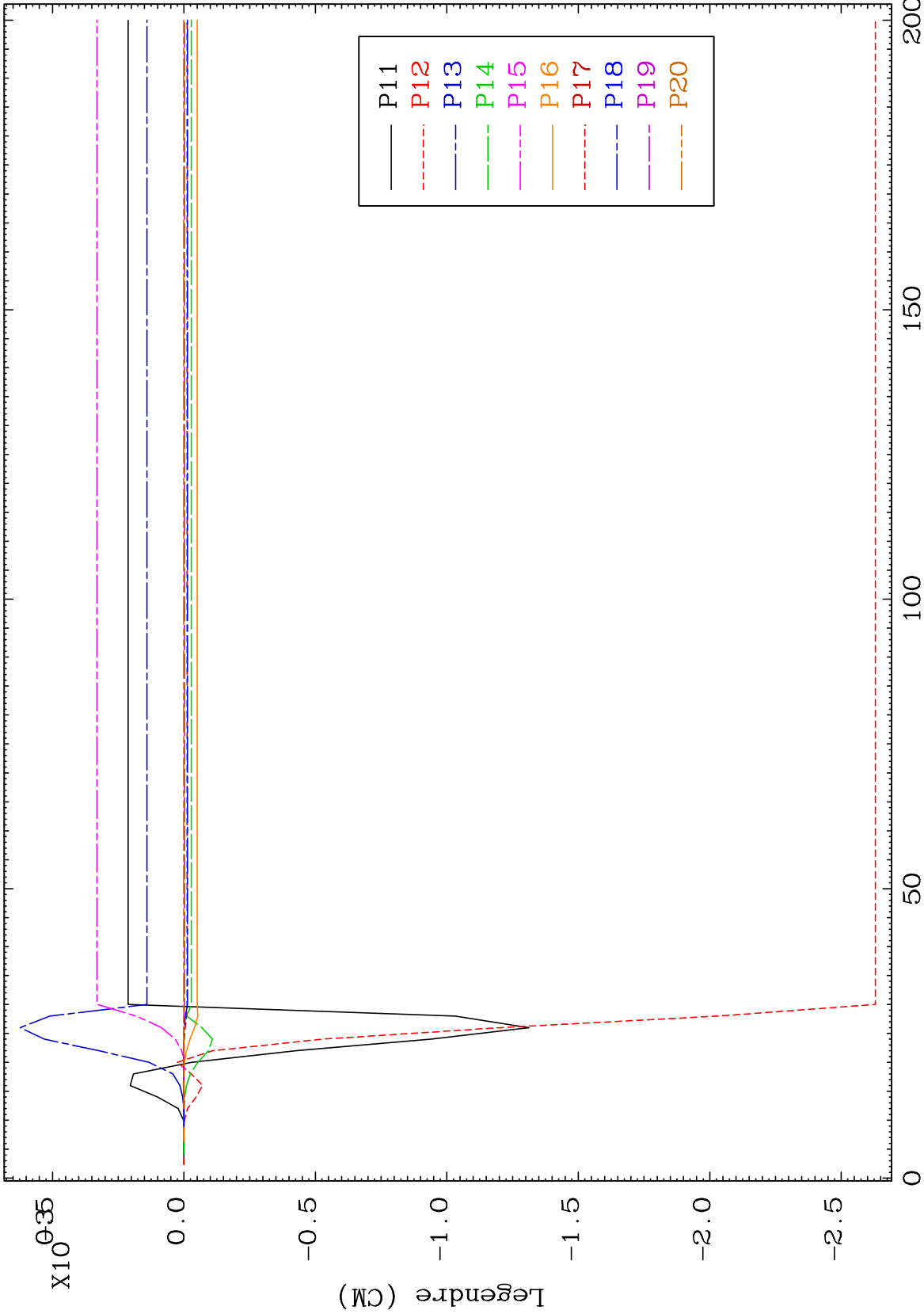
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



70

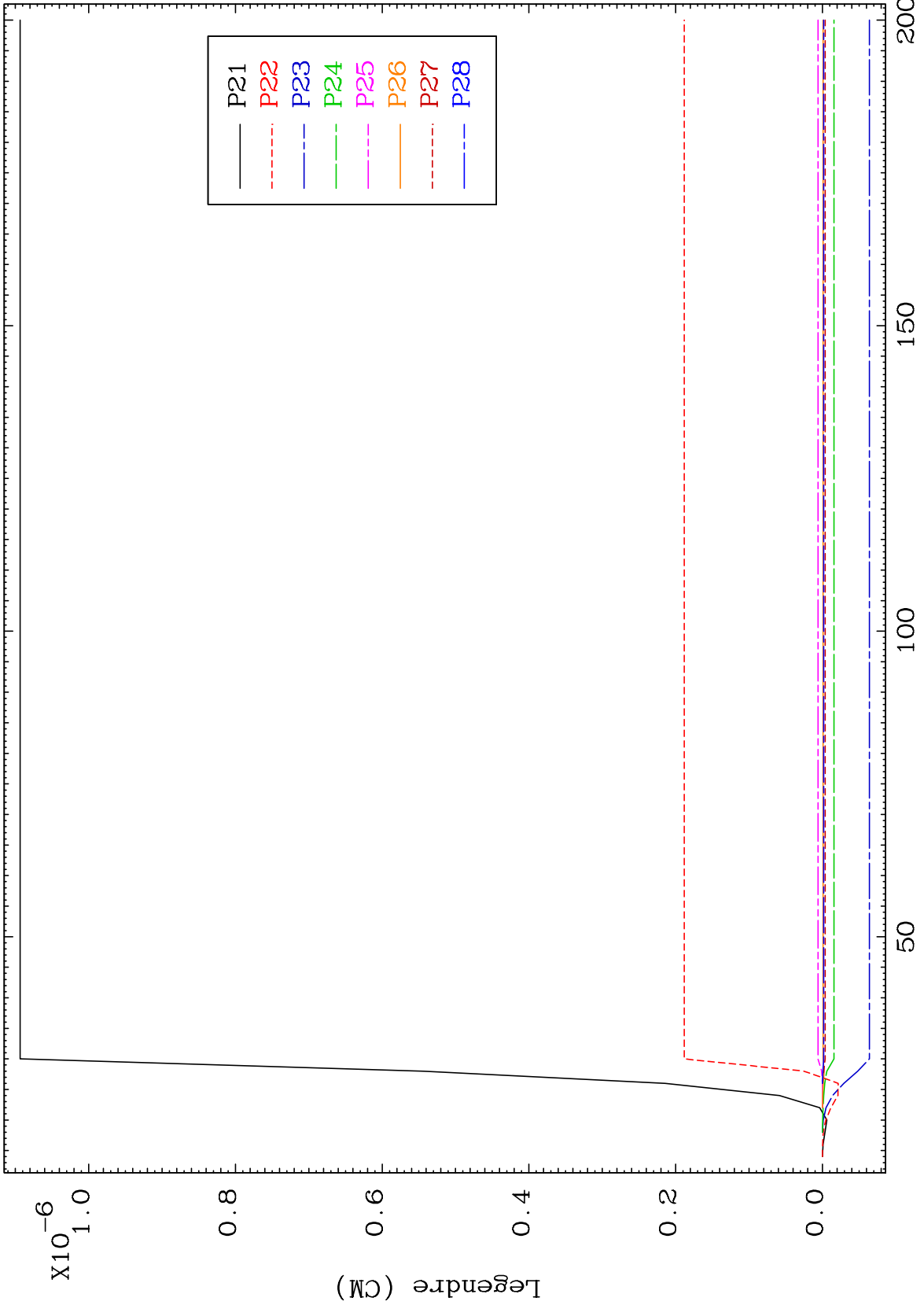
Incident Energy (MeV)

58-Ce-126

MAT 5795

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

58-Ce-126



71

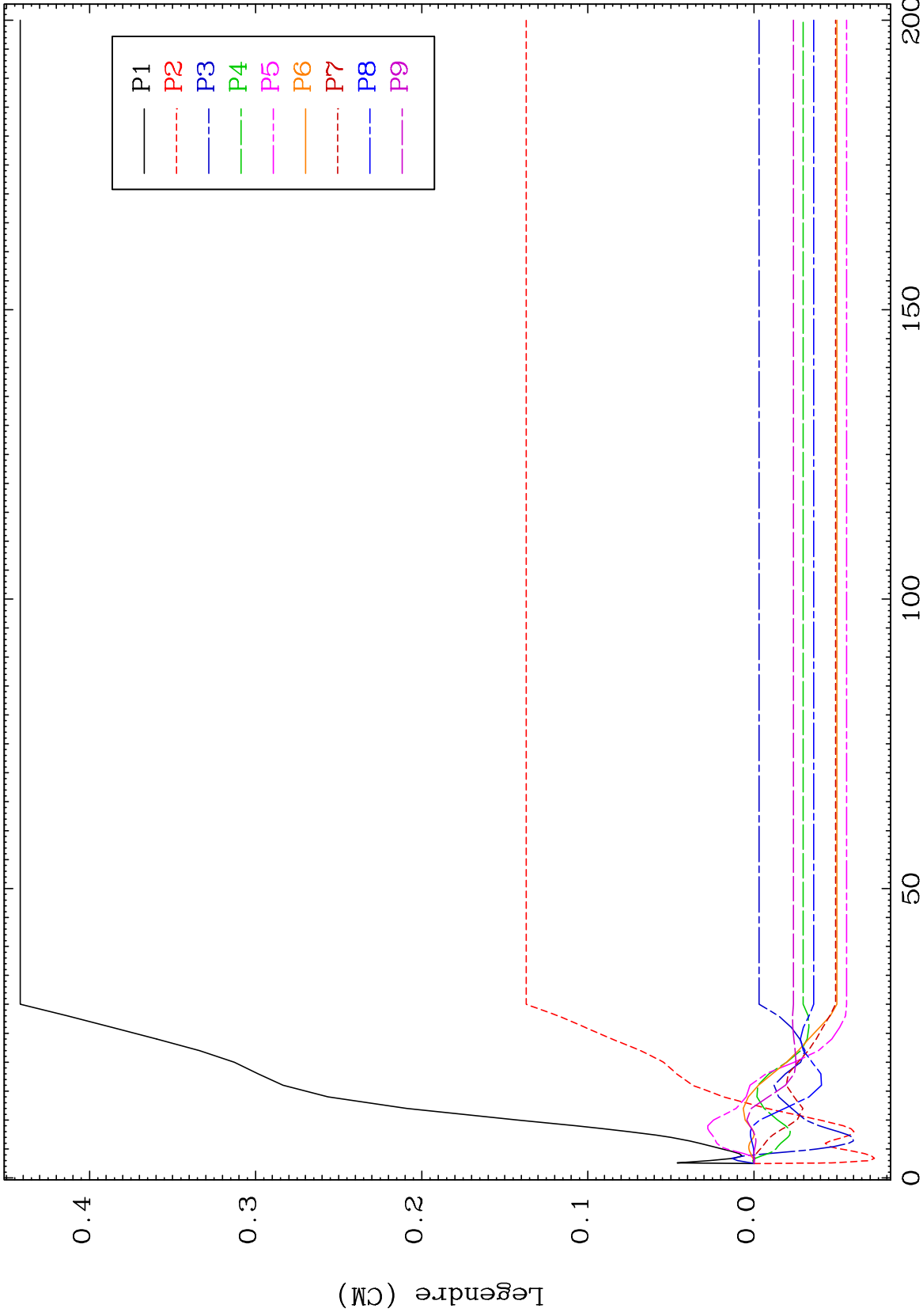
58-Ce-126



MAT 5795

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-126



72

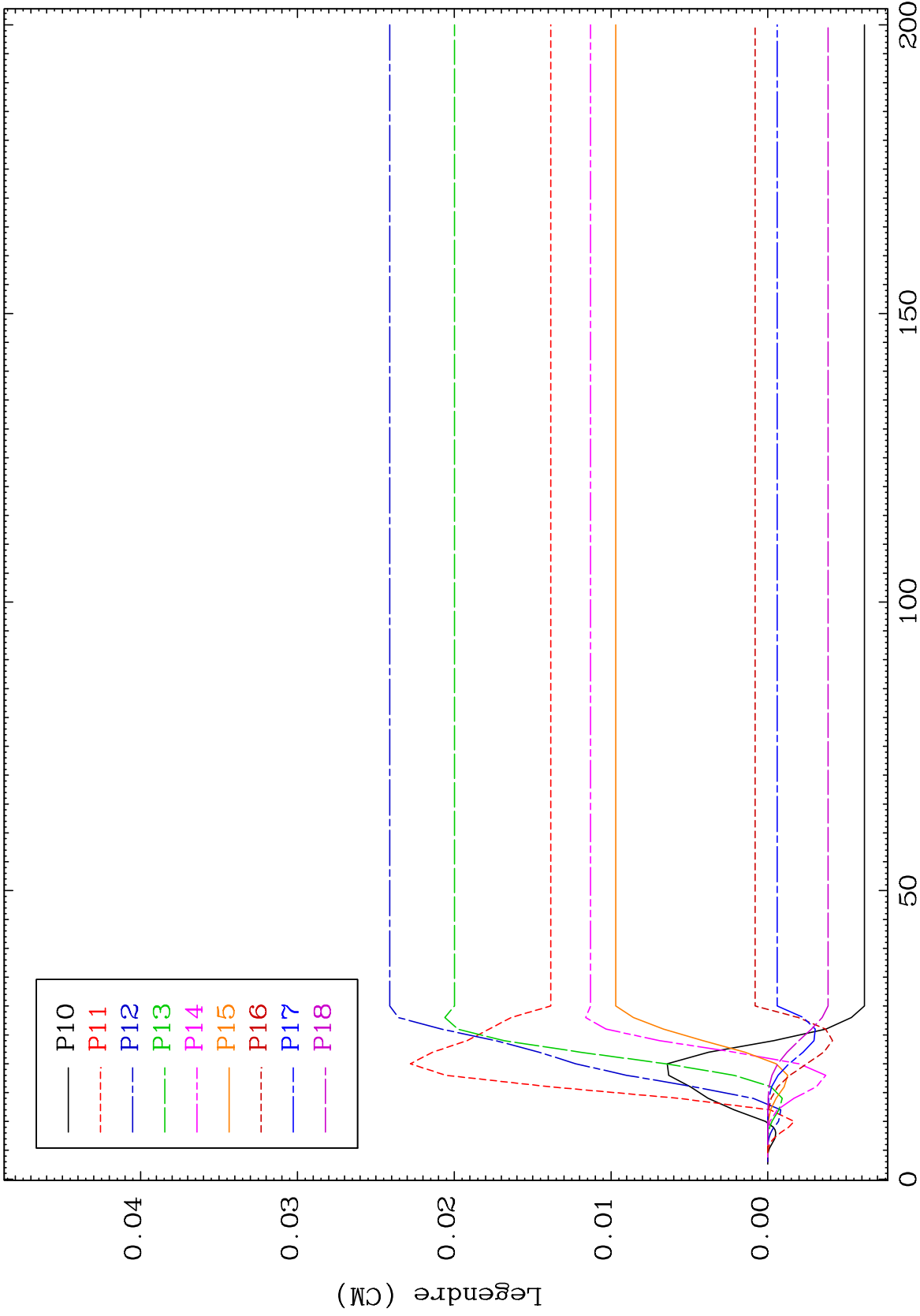
Incident Energy (MeV)

58-Ce-126

MAT 5795

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-126



73

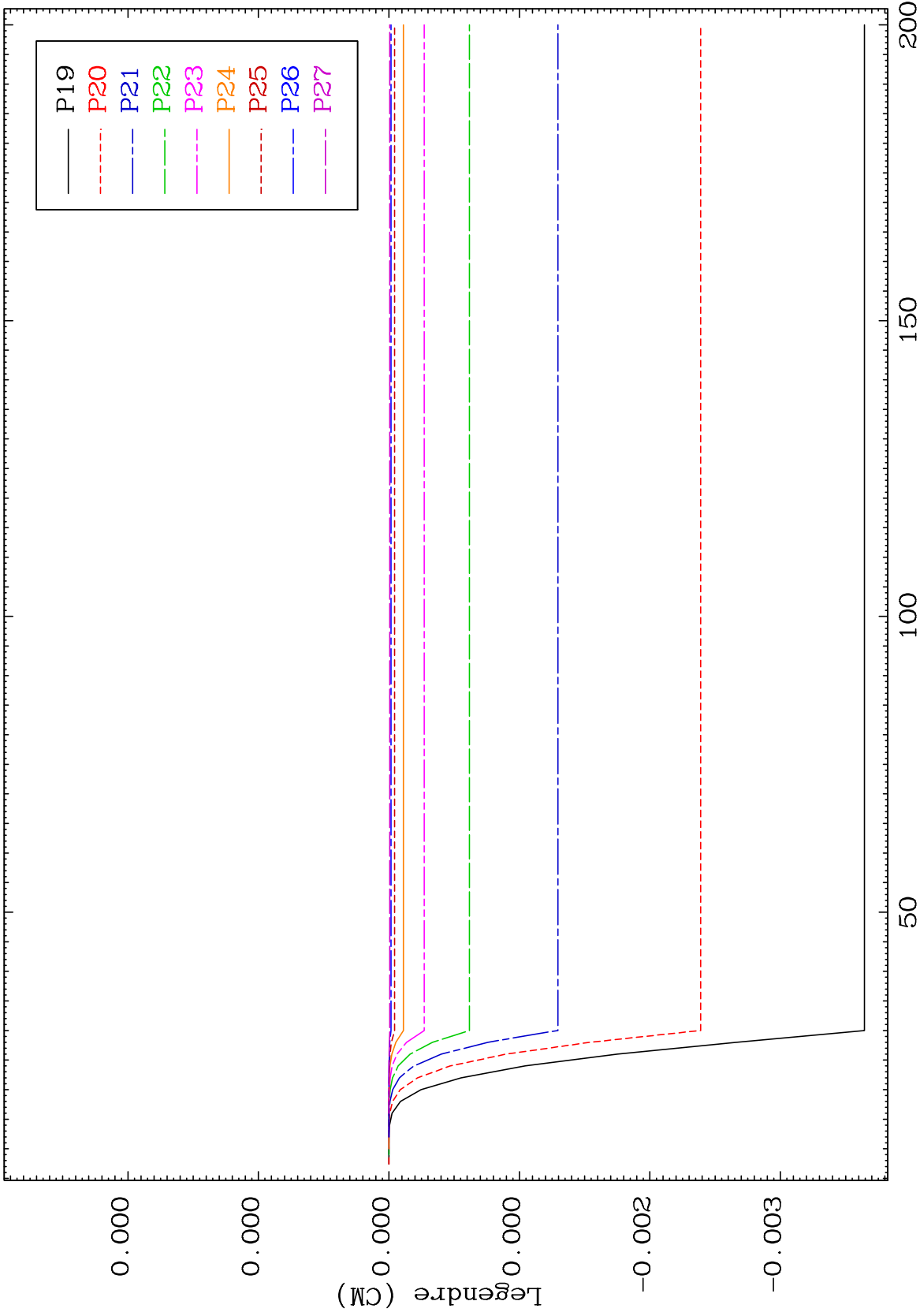
Incident Energy (MeV)

58-Ce-126

MAT 5795

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-126



74

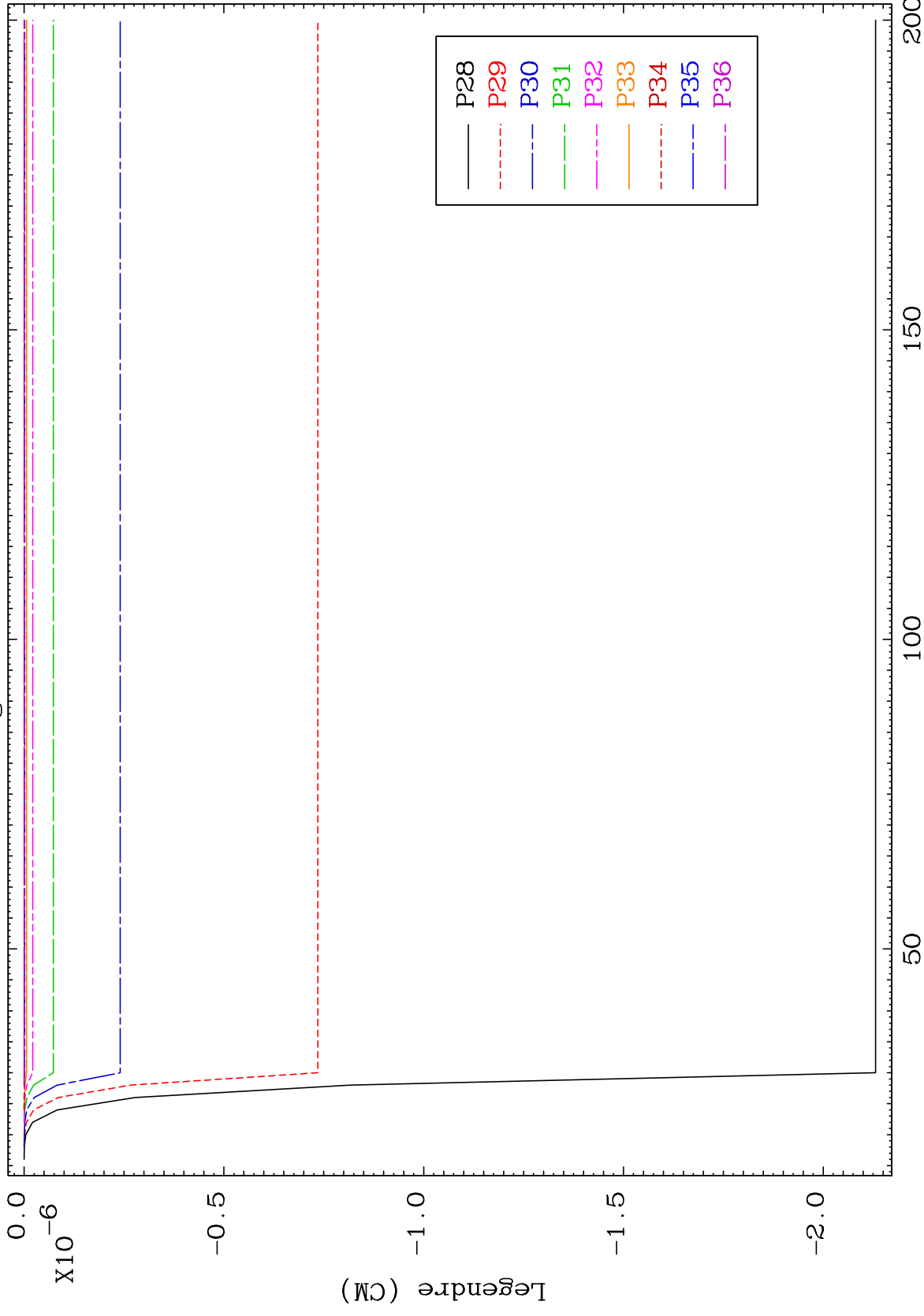
Incident Energy (MeV)

58-Ce-126

MAT 5795

MT= 65 (n,n') Level  
Legendre Coefficients

58-Ce-126



58-Ce-126

Incident Energy (MeV)

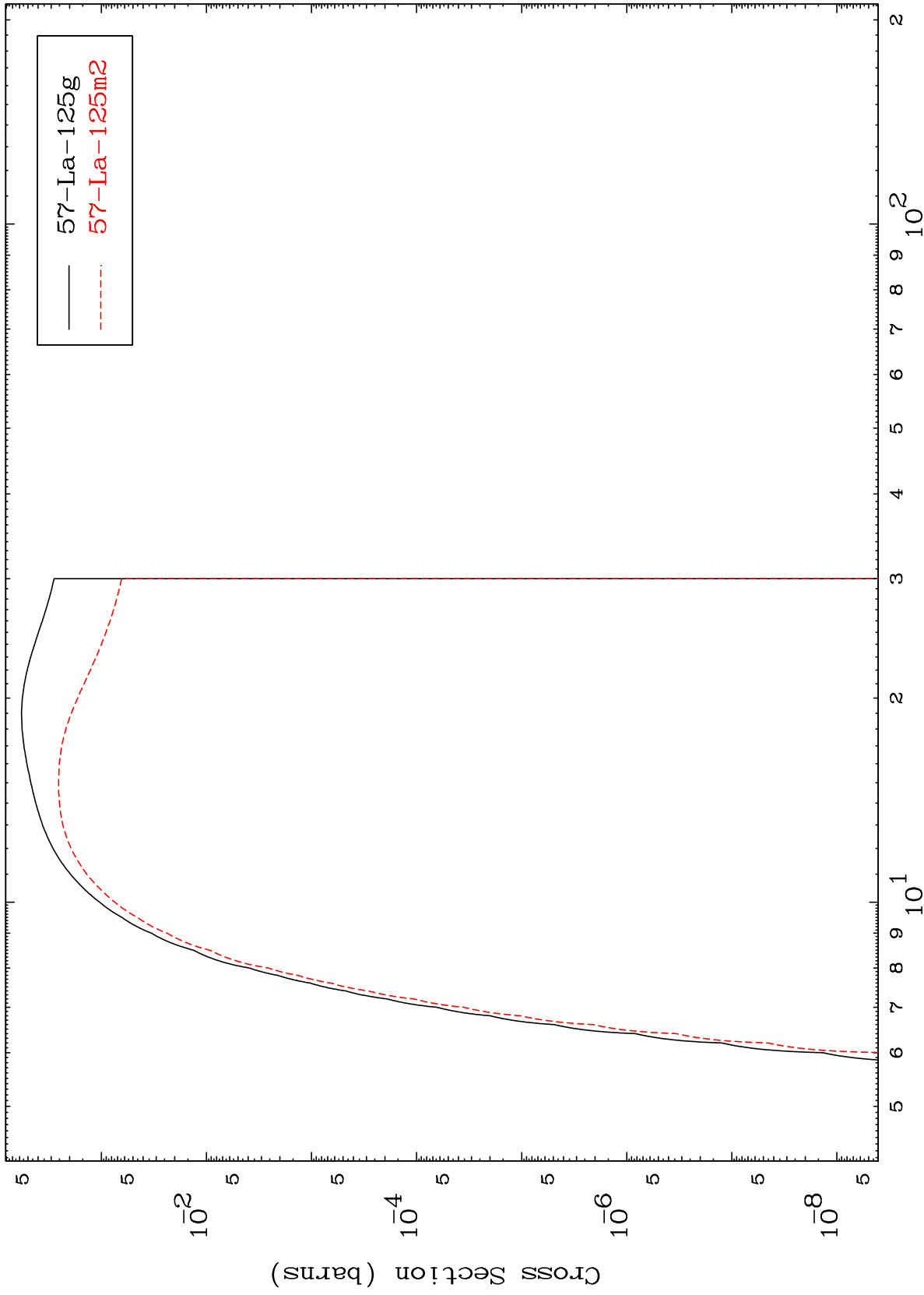
75

MAT 5795

(n,n') p

58-Ce-126

Radionuclide Production Cross Section



76

Incident Energy (MeV)

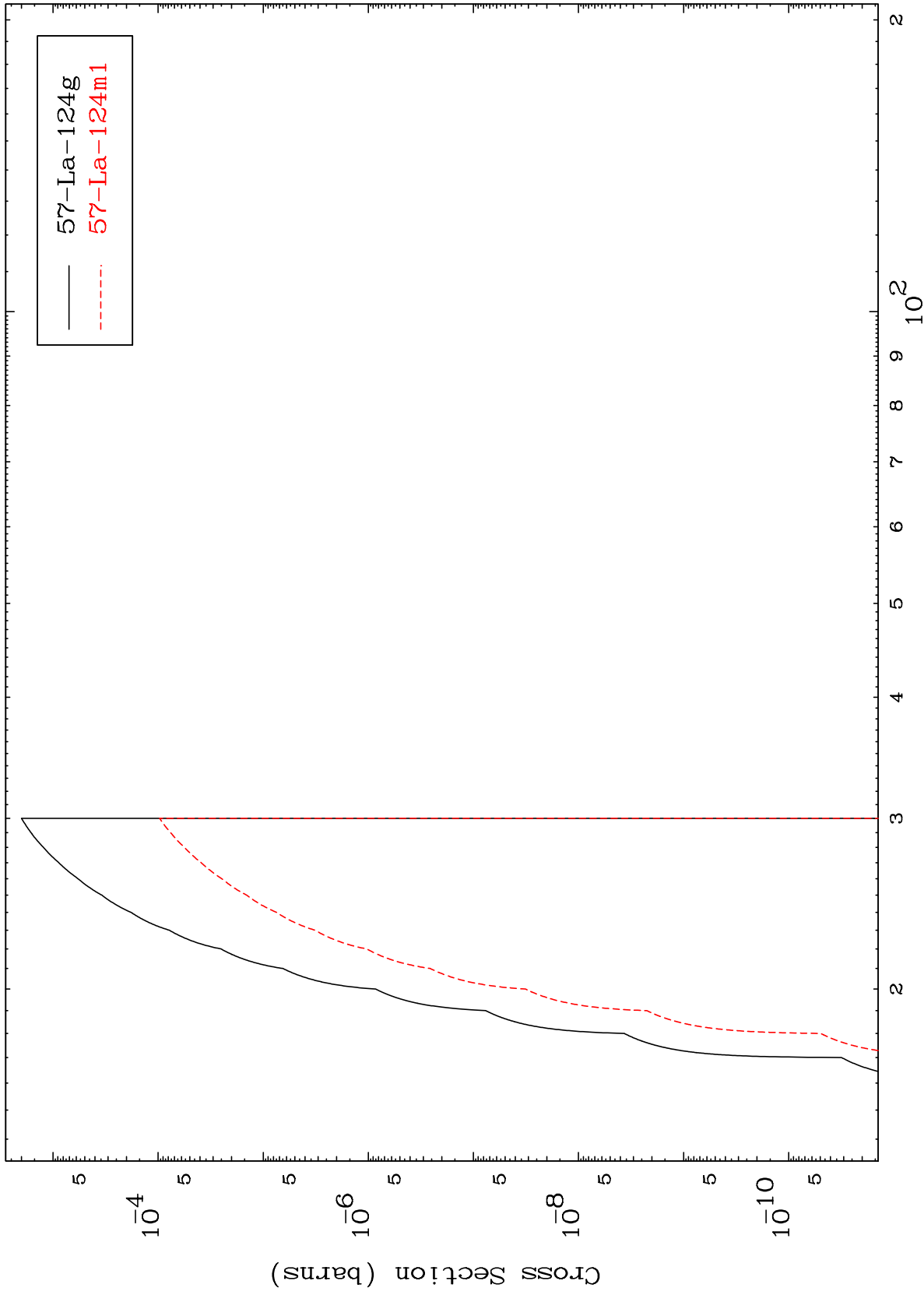
58-Ce-126

MAT 5795

(n,n') d

58-Ce-126

Radionuclide Production Cross Section



77

Incident Energy (MeV)

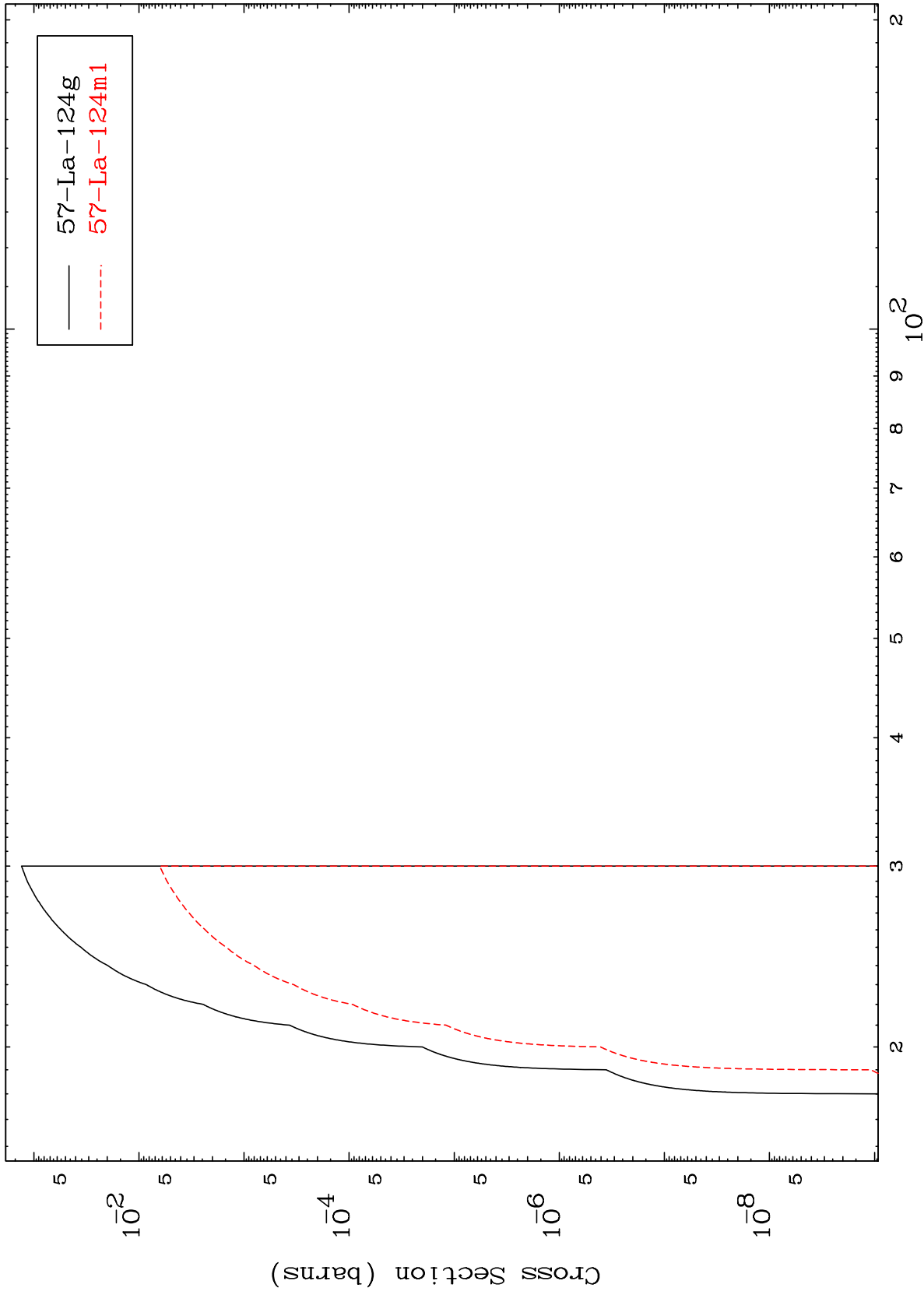
58-Ce-126

MAT 5795

(n,2n) p

58-Ce-126

Radionuclide Production Cross Section



78

Incident Energy (MeV)

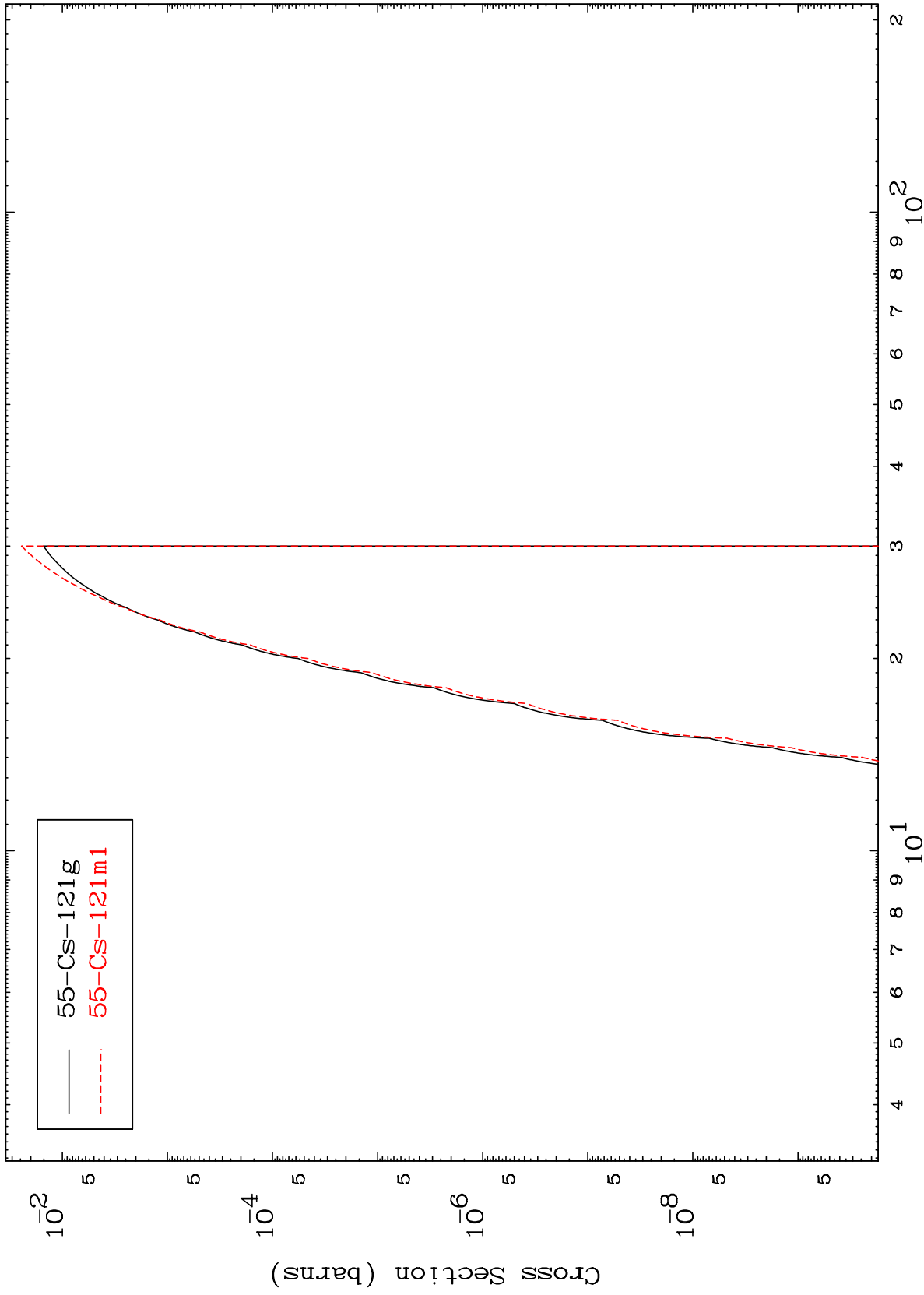
58-Ce-126

MAT 5795

(n,n') p  $\alpha$

58-Ce-126

Radionuclide Production Cross Section



79

Incident Energy (MeV)

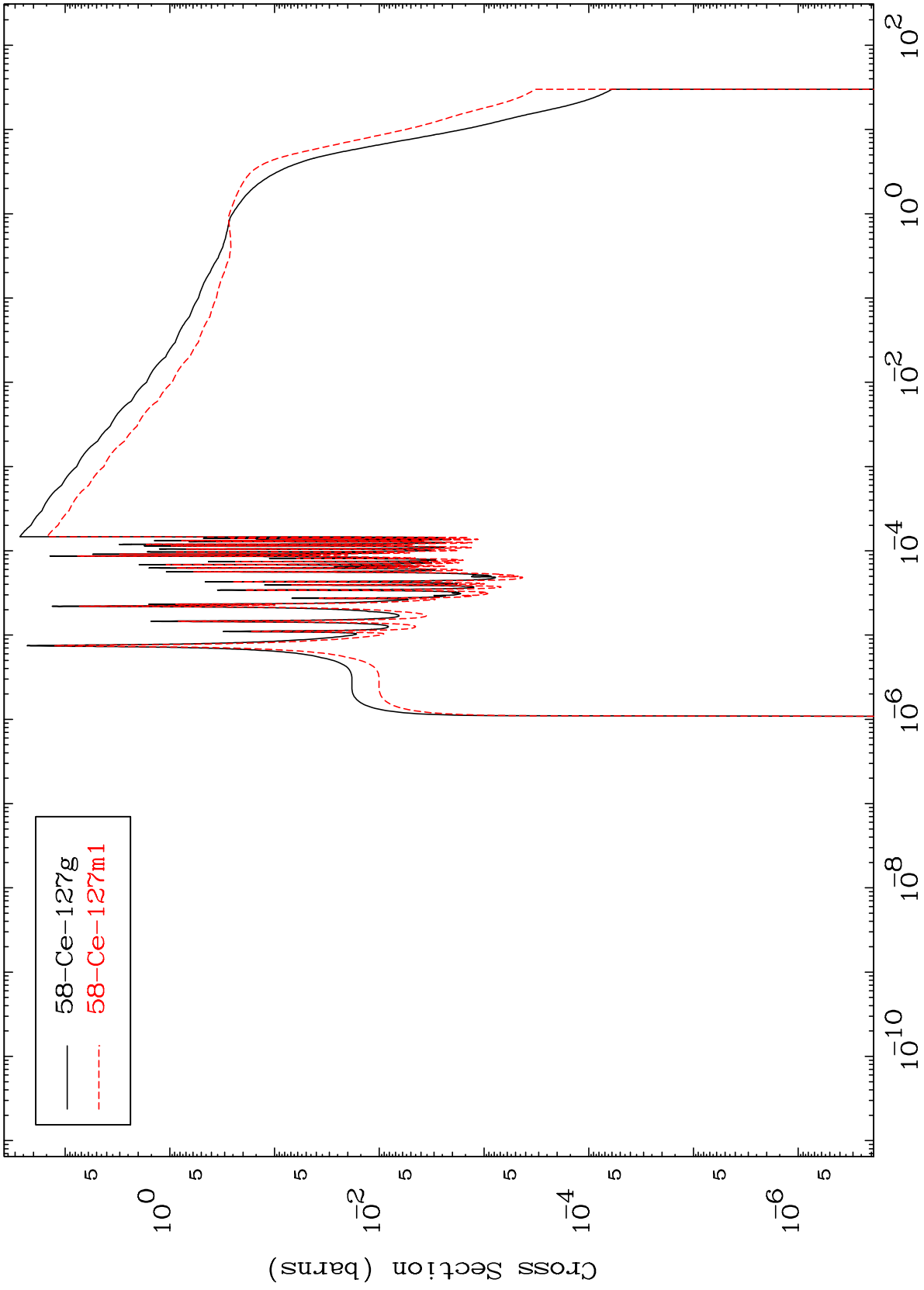
58-Ce-126



MAT 5795

58-Ce-126

(n,  $\gamma$ )  
Radionuclide Production Cross Section



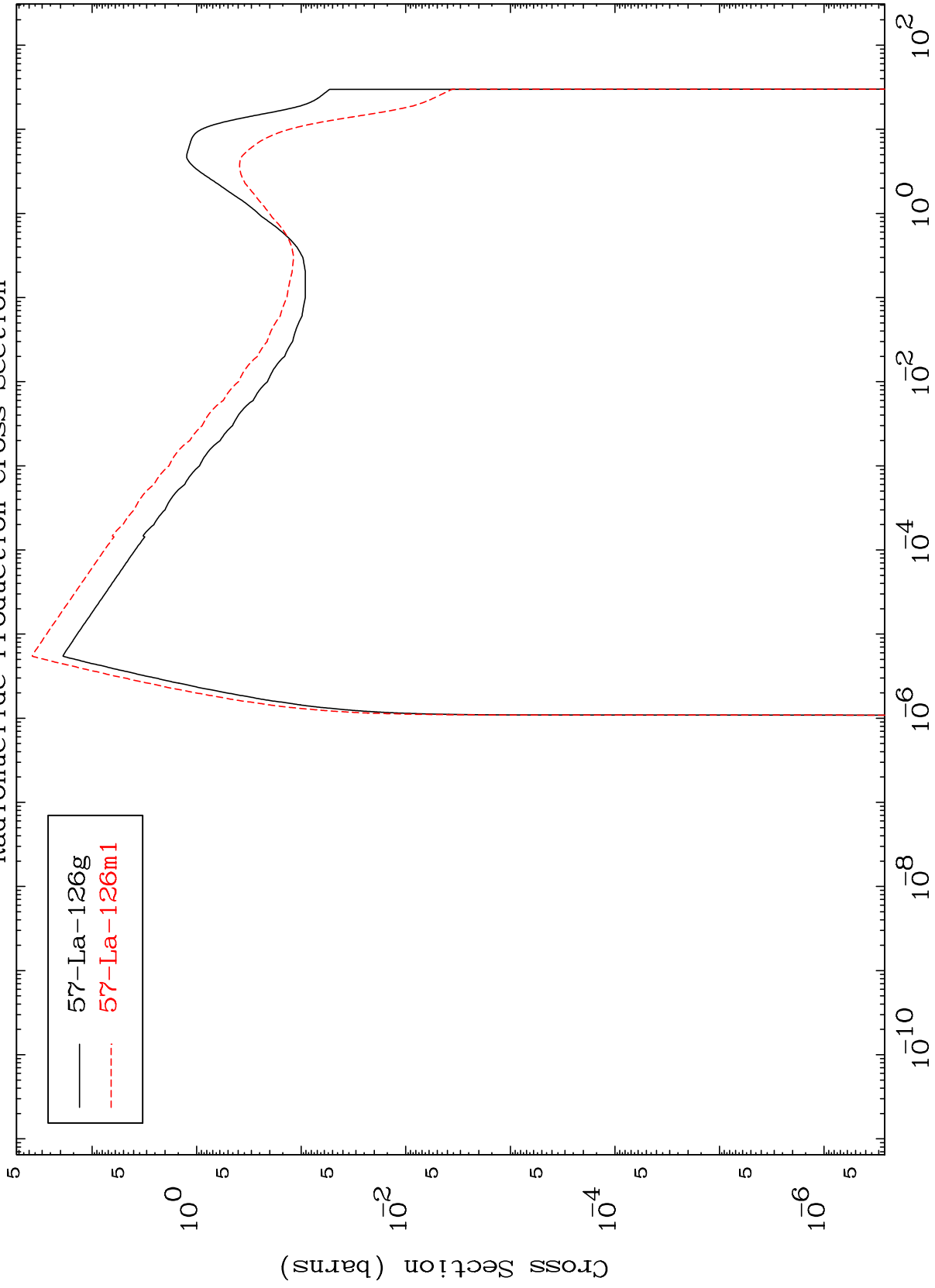
80

58-Ce-126

MAT 5795

58-Ce-126

Radionuclide Production Cross Section (n,p)



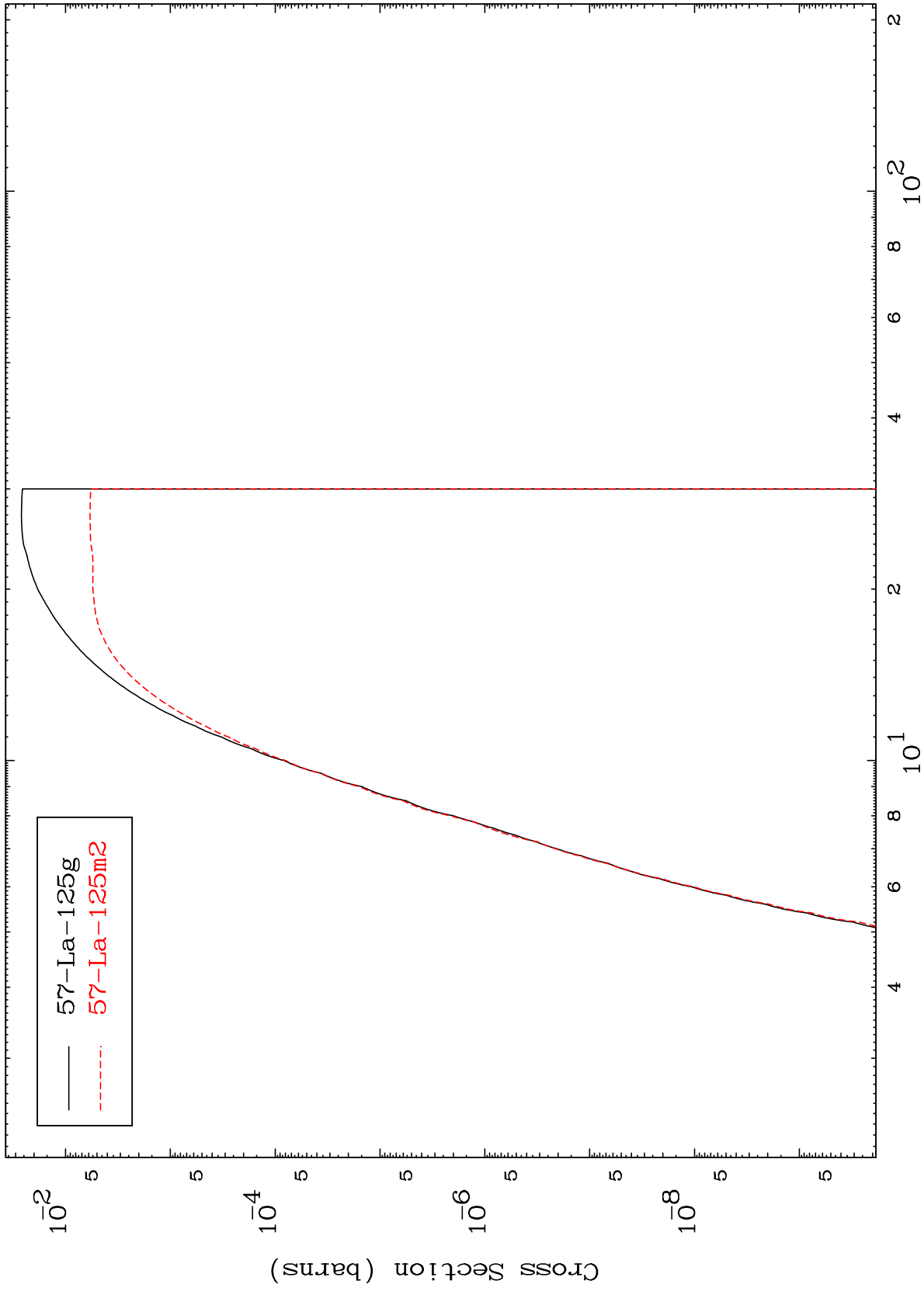
57-La-126g  
57-La-126m1

MAT 5795

(n,d)

58-Ce-126

Radionuclide Production Cross Section



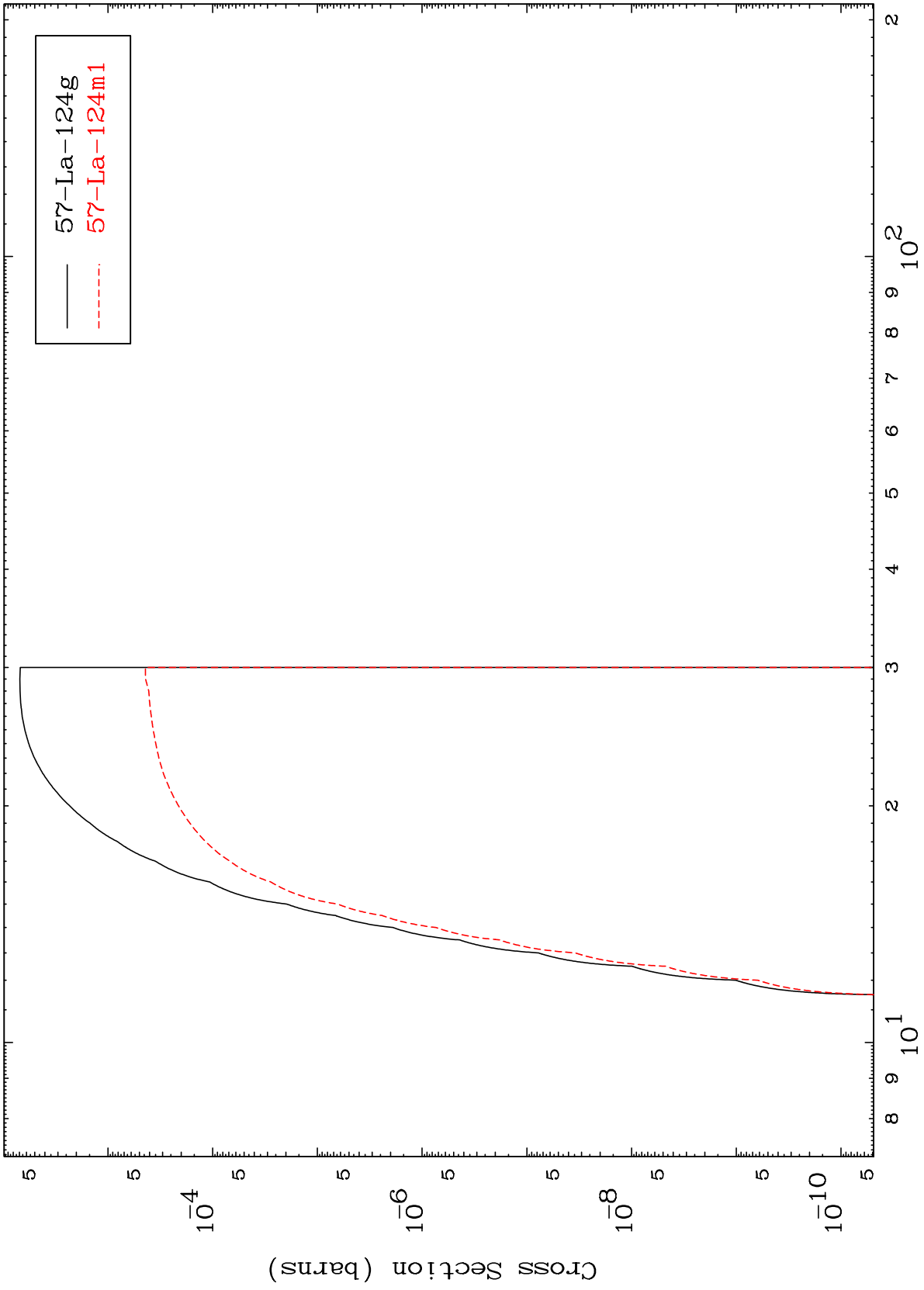
82

58-Ce-126

MAT 5795

58-Ce-126

(n, t)  
Radionuclide Production Cross Section



83

Incident Energy (MeV)

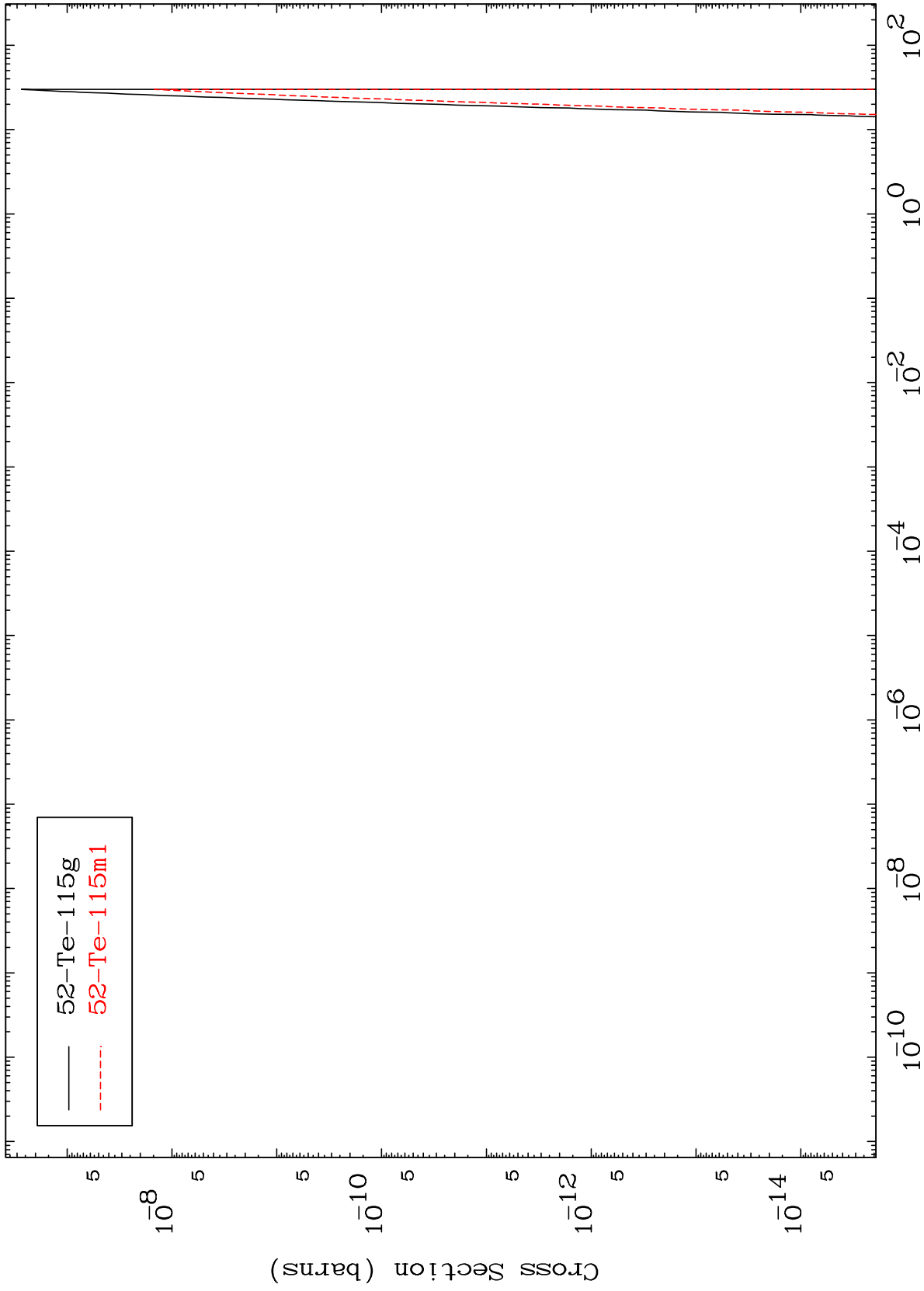
58-Ce-126

MAT 5795

(n,3α)

58-Ce-126

Radionuclide Production Cross Section



84

Incident Energy (MeV)

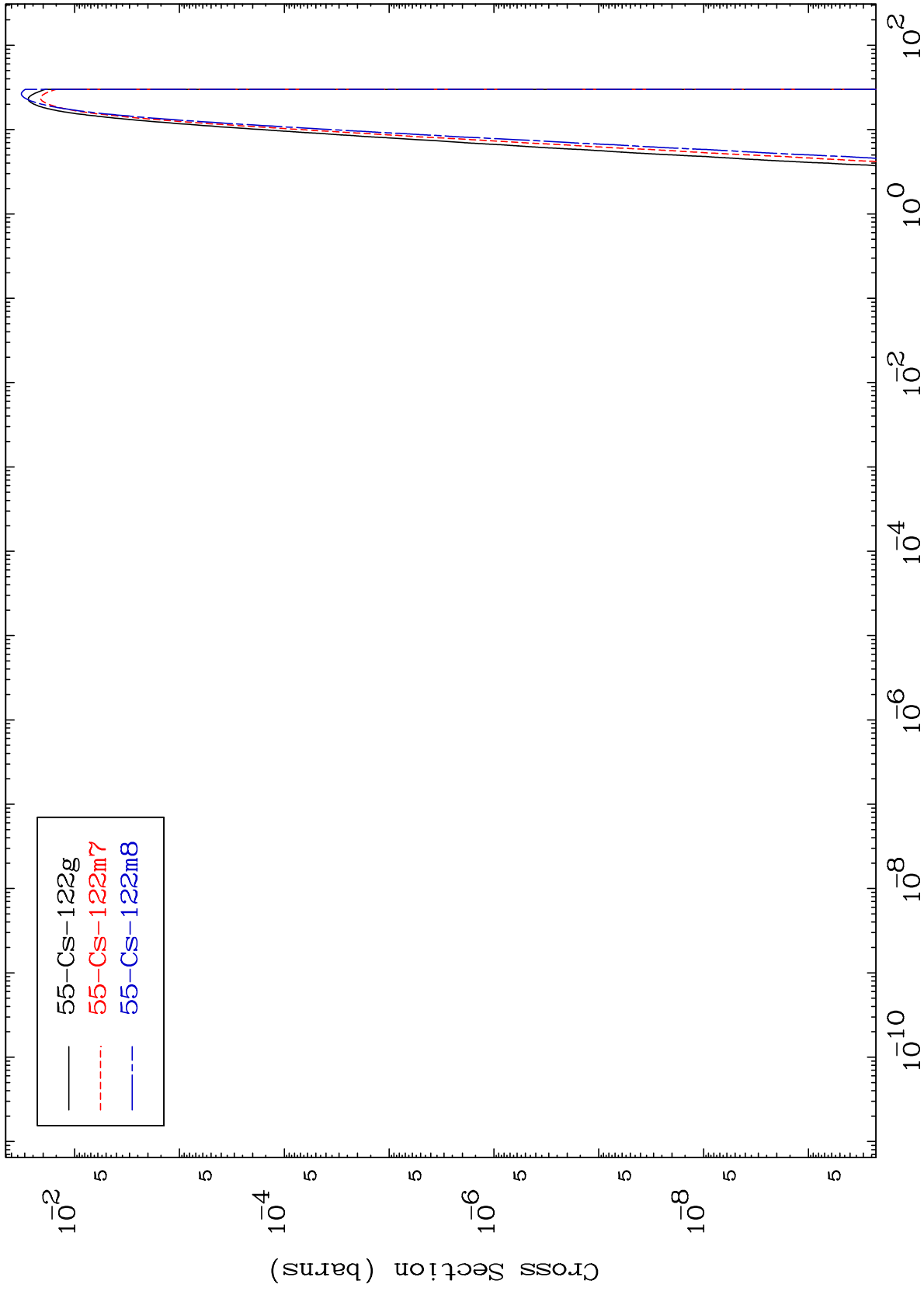
58-Ce-126

MAT 5795

(n,p)  $\alpha$

58-Ce-126

Radionuclide Production Cross Section



85

Incident Energy (MeV)

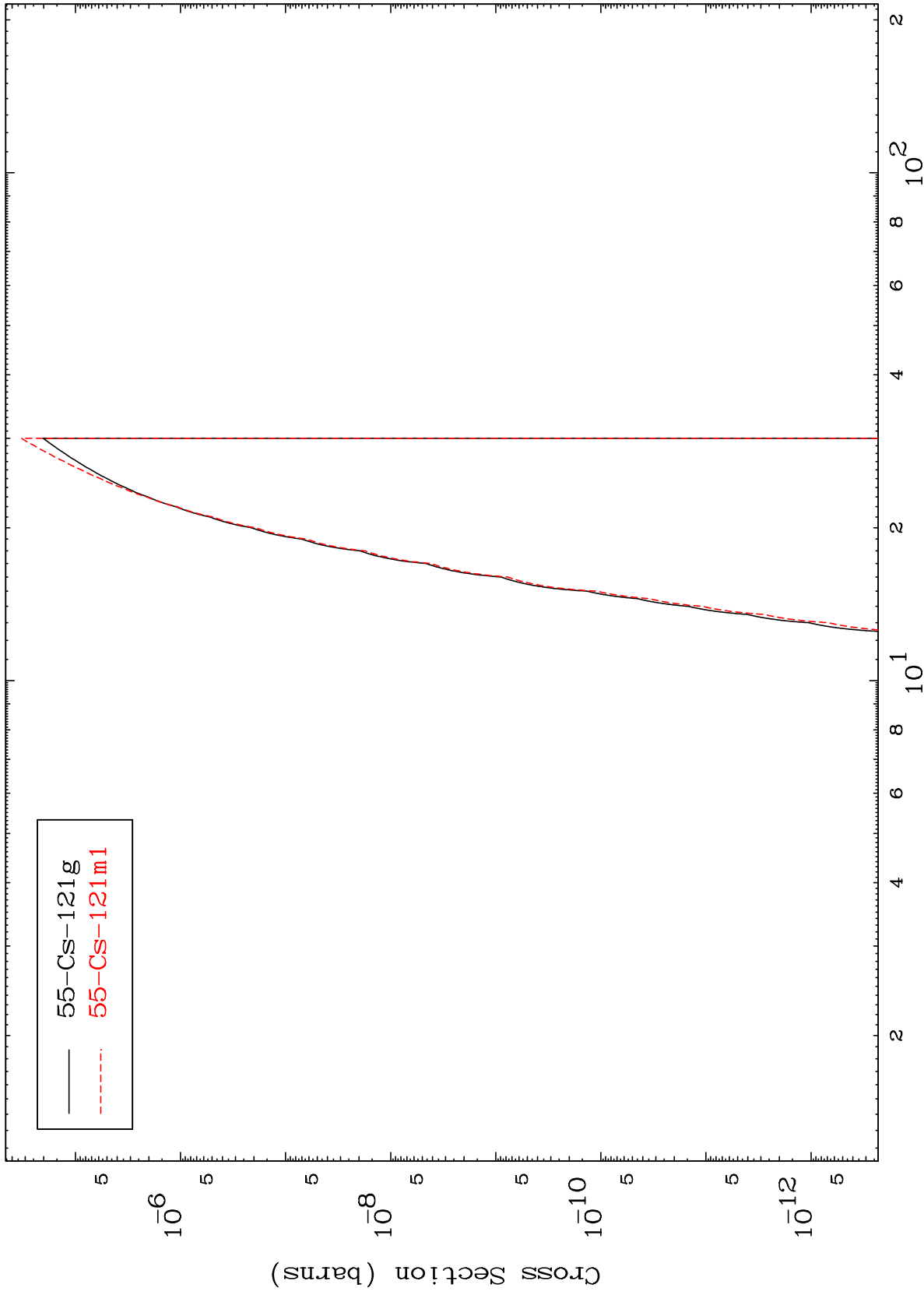
58-Ce-126

MAT 5795

(n,d)  $\alpha$

58-Ce-126

Radionuclide Production Cross Section



86

Incident Energy (MeV)

58-Ce-126