

Program EVALPLOT  
(Version 2015-2)

by

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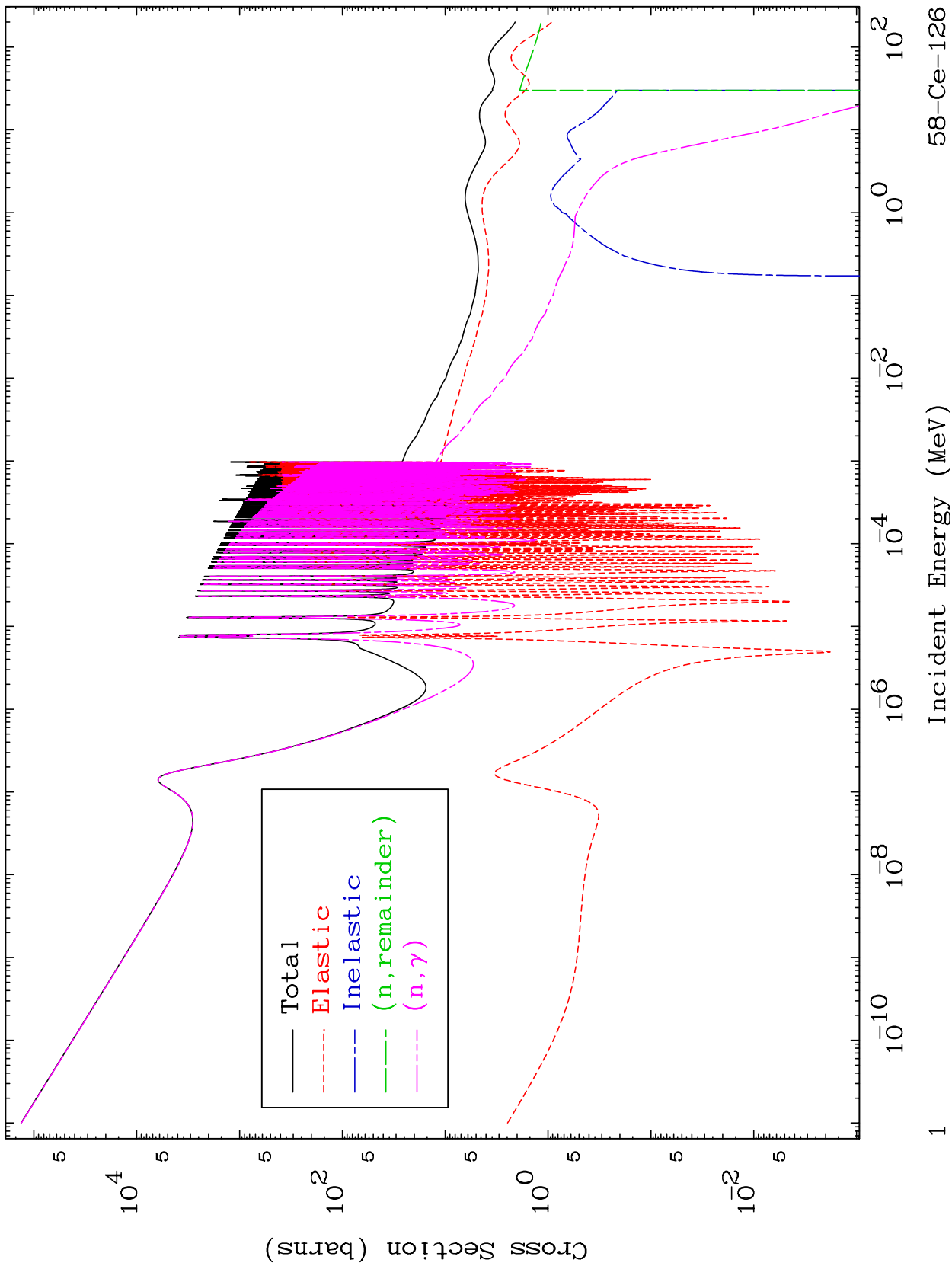
Press Mouse Button to Start

MAT 5795

Major

293 Kelvin Cross Sections

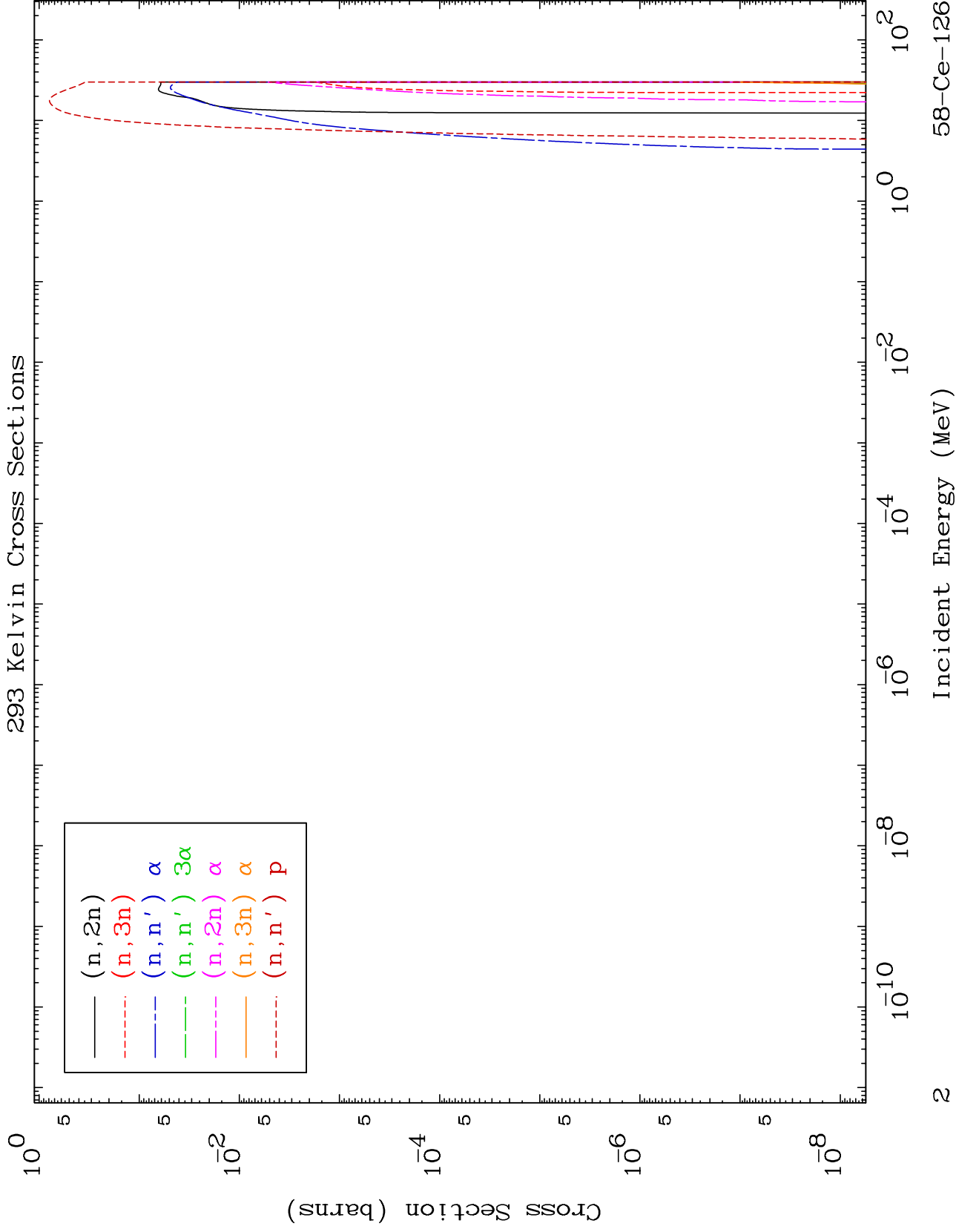
58-Ce-126



MAT 5795

Neutron Production  
293 Kelvin Cross Sections

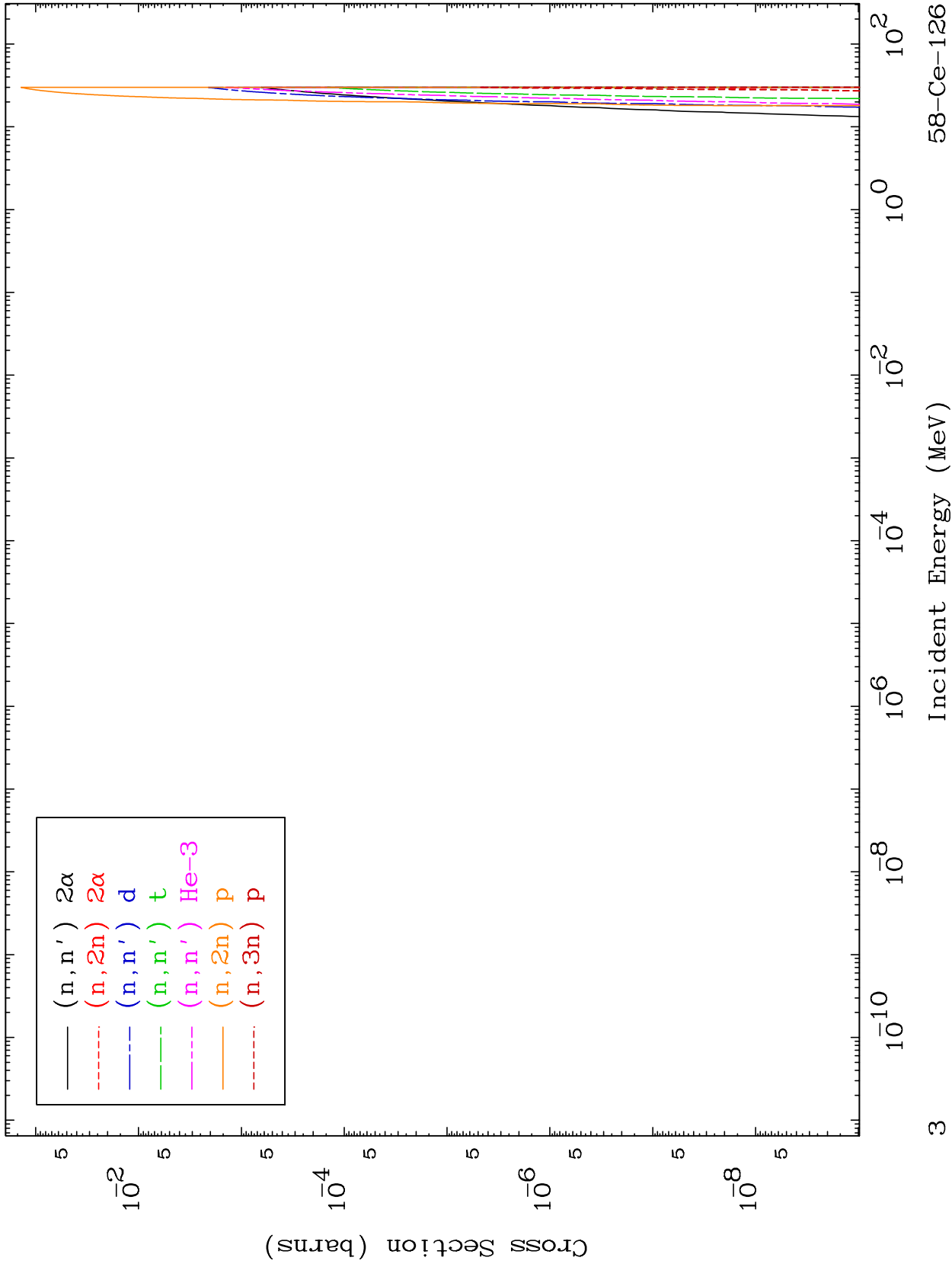
58-Ce-126



MAT 5795

Neutron Production  
293 Kelvin Cross Sections

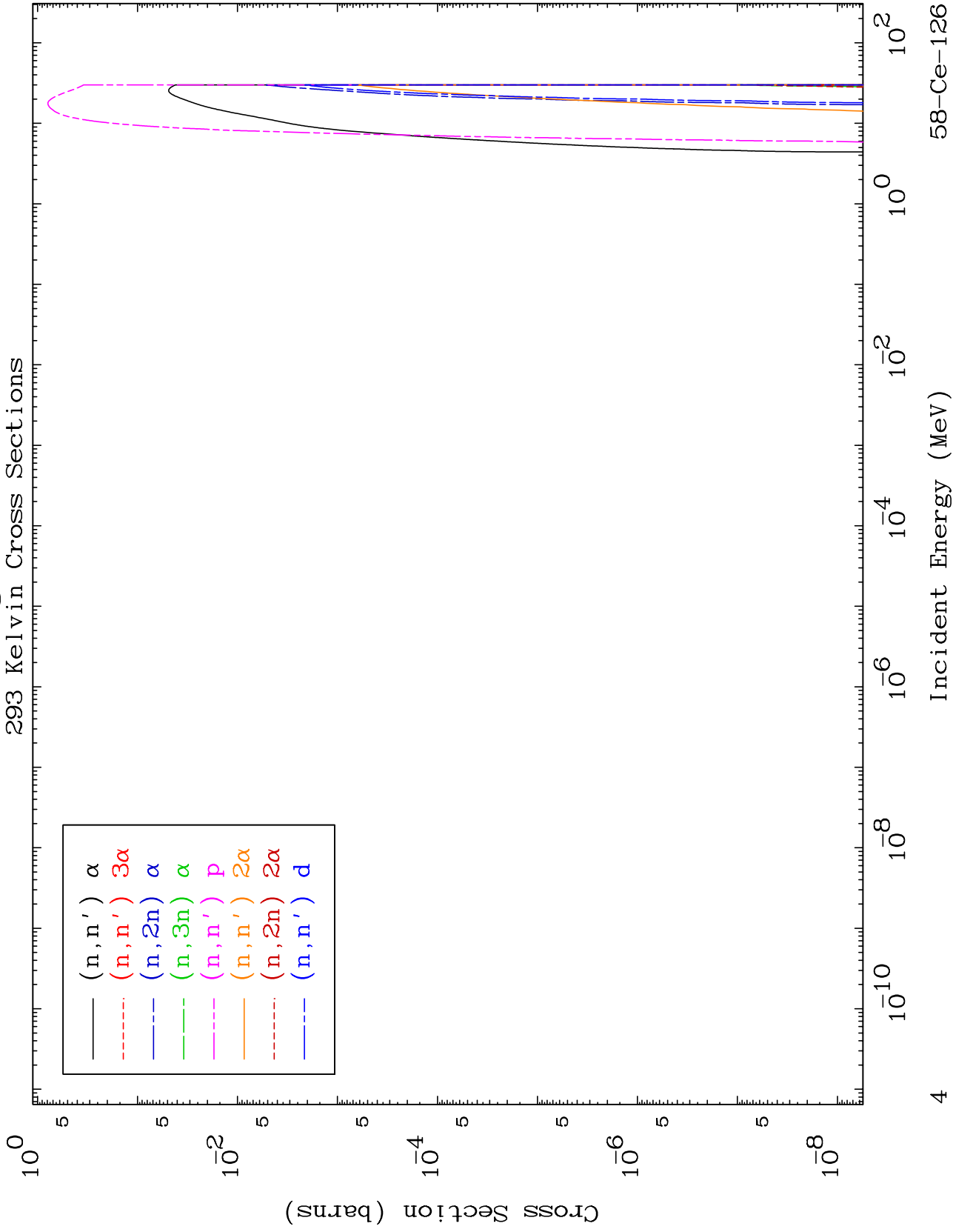
58-Ce-126



MAT 5795

Charged Particle  
293 Kelvin Cross Sections

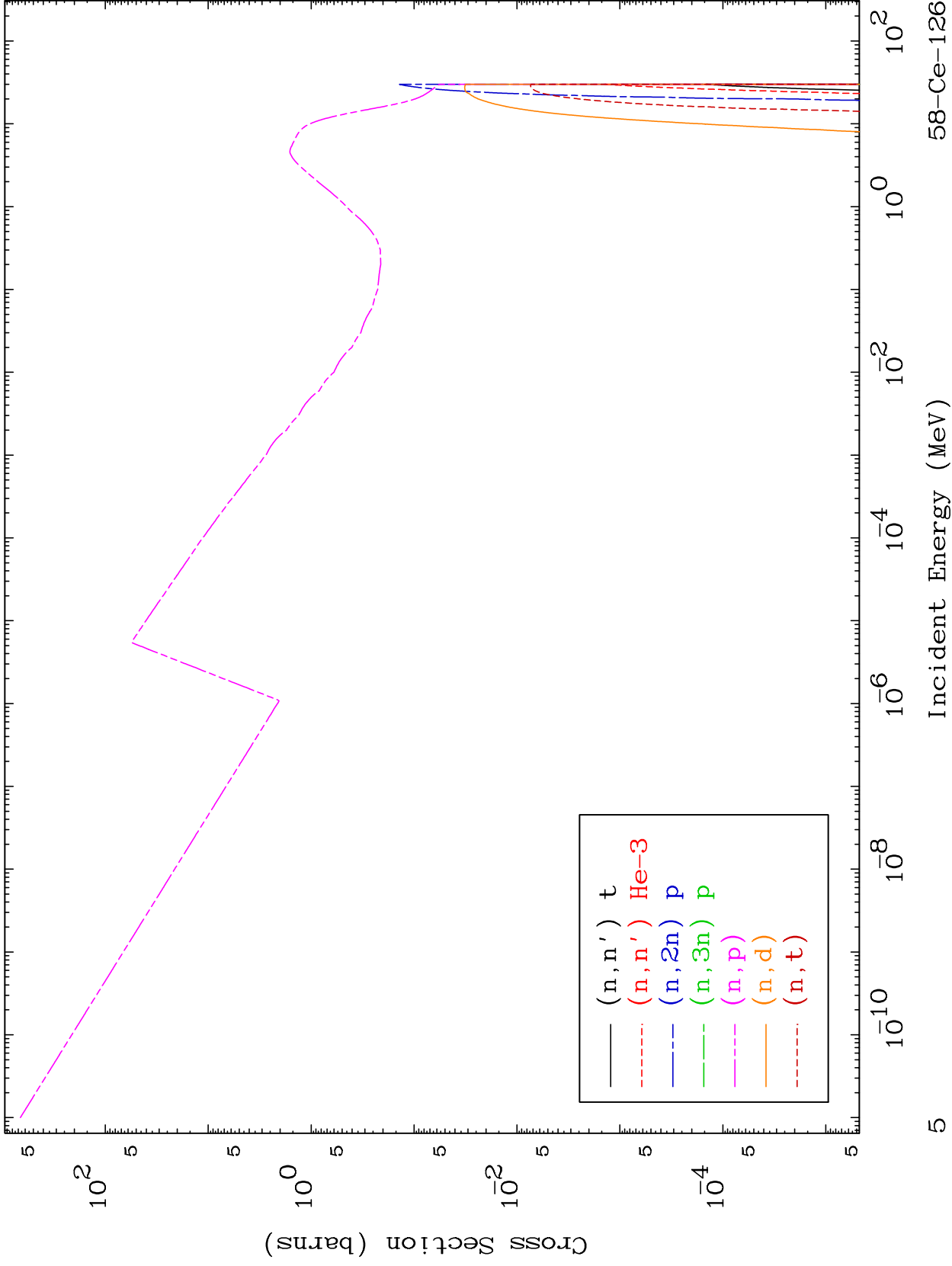
58-Ce-126



MAT 5795

Charged Particle  
293 Kelvin Cross Sections

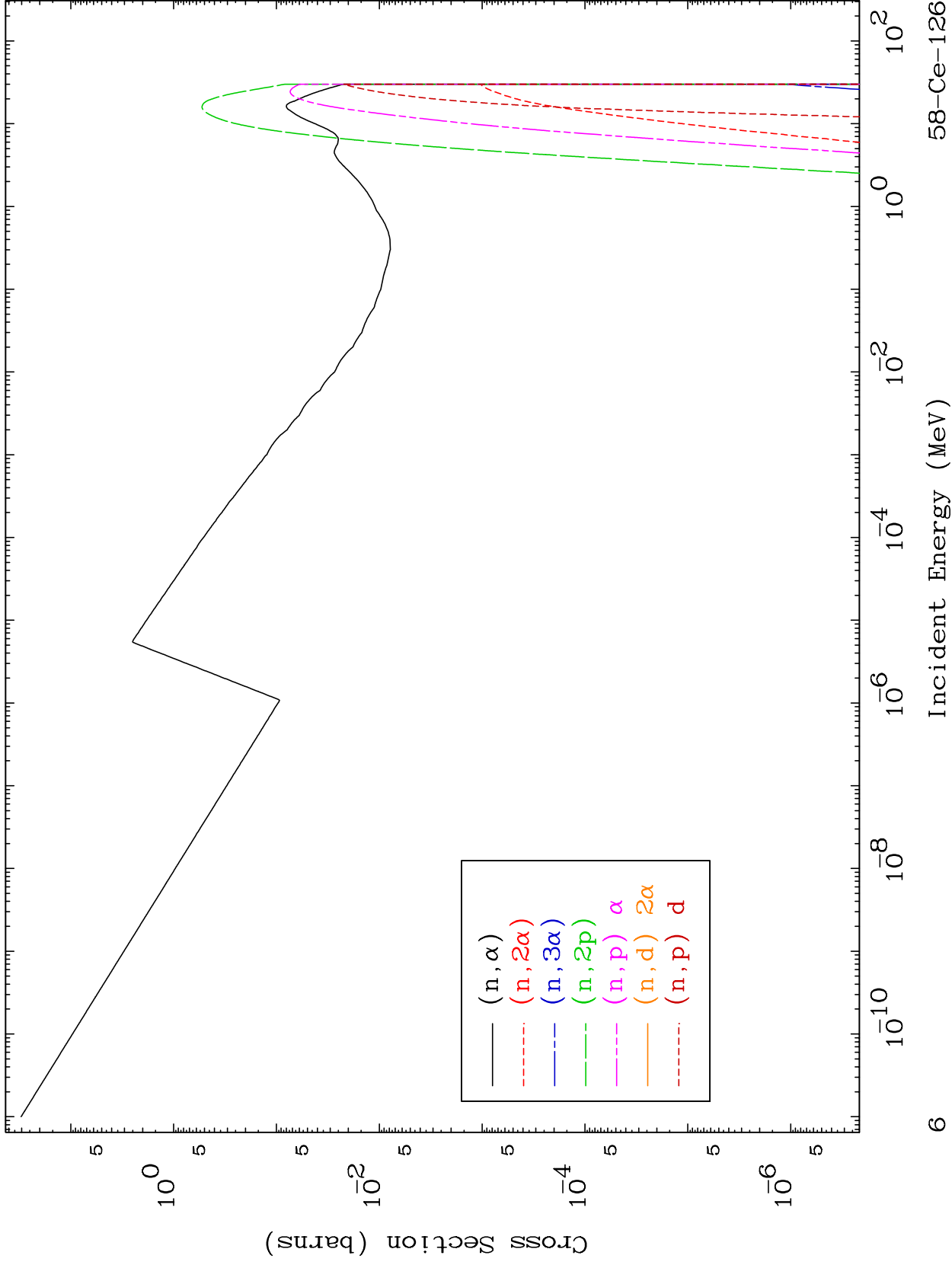
58-Ce-126



MAT 5795

Charged Particle  
293 Kelvin Cross Sections

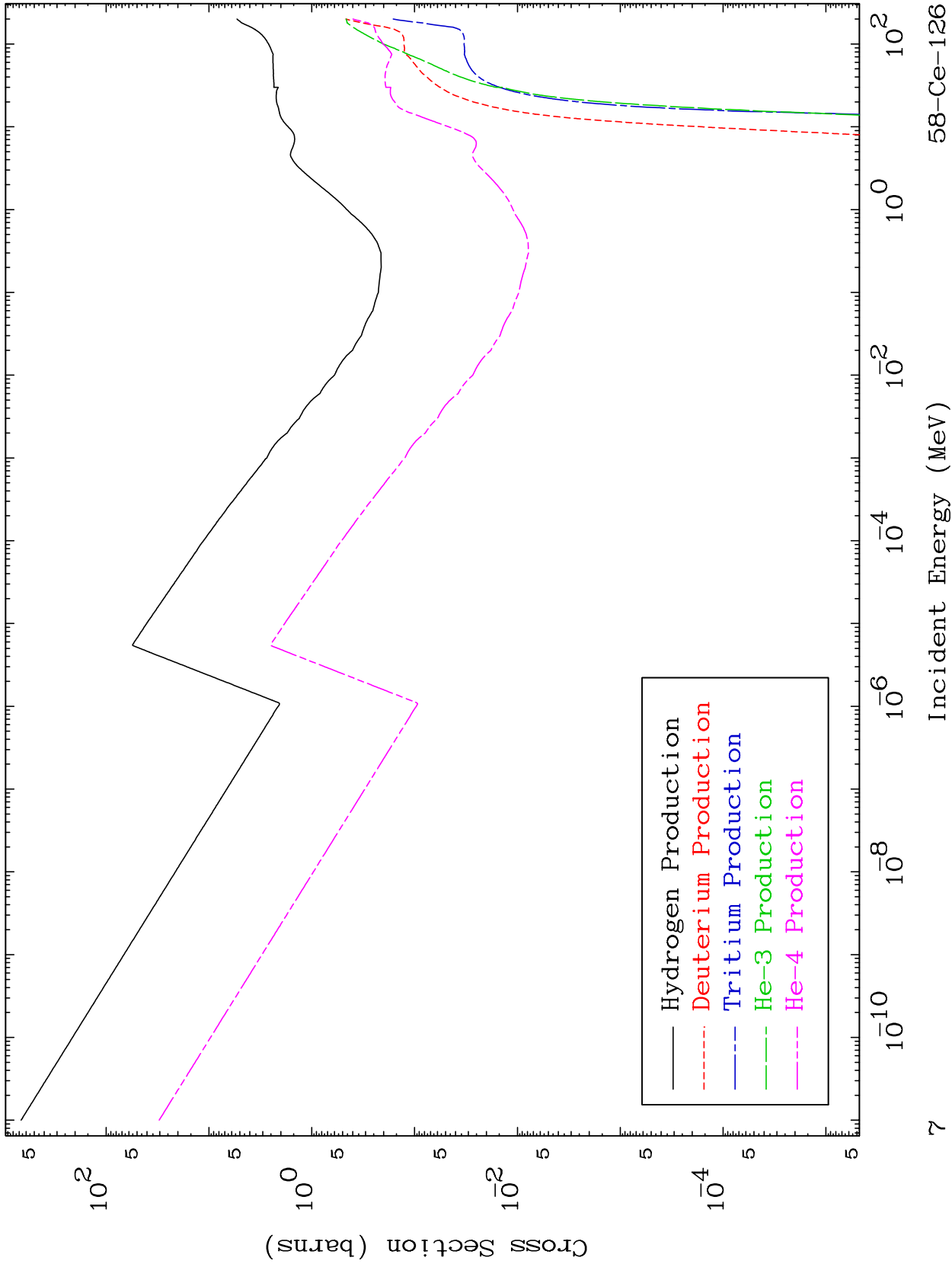
58-Ce-126



MAT 5795

Particle Production  
293 Kelvin Cross Sections

58-Ce-126

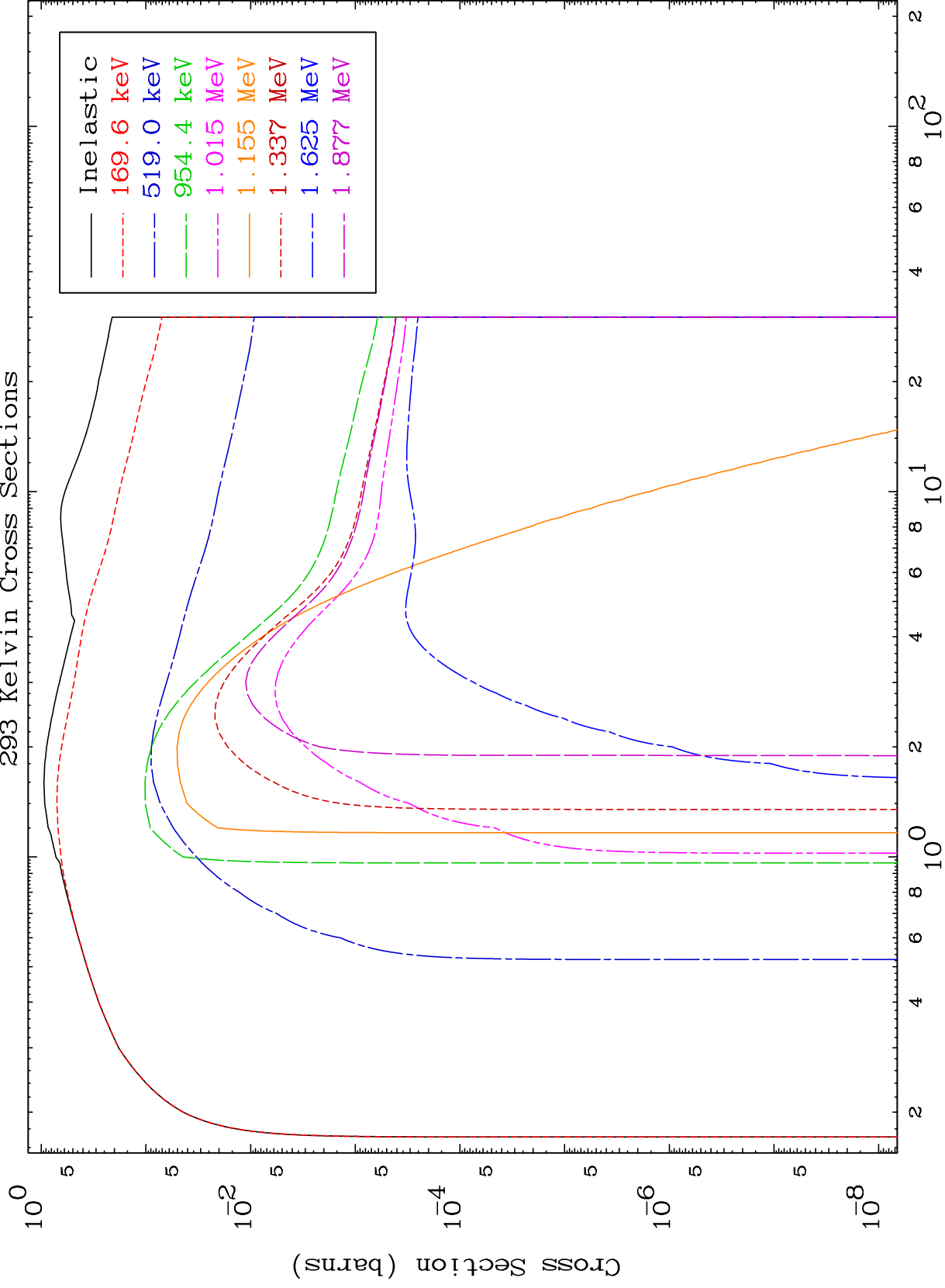




MAT 5795

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-126



8

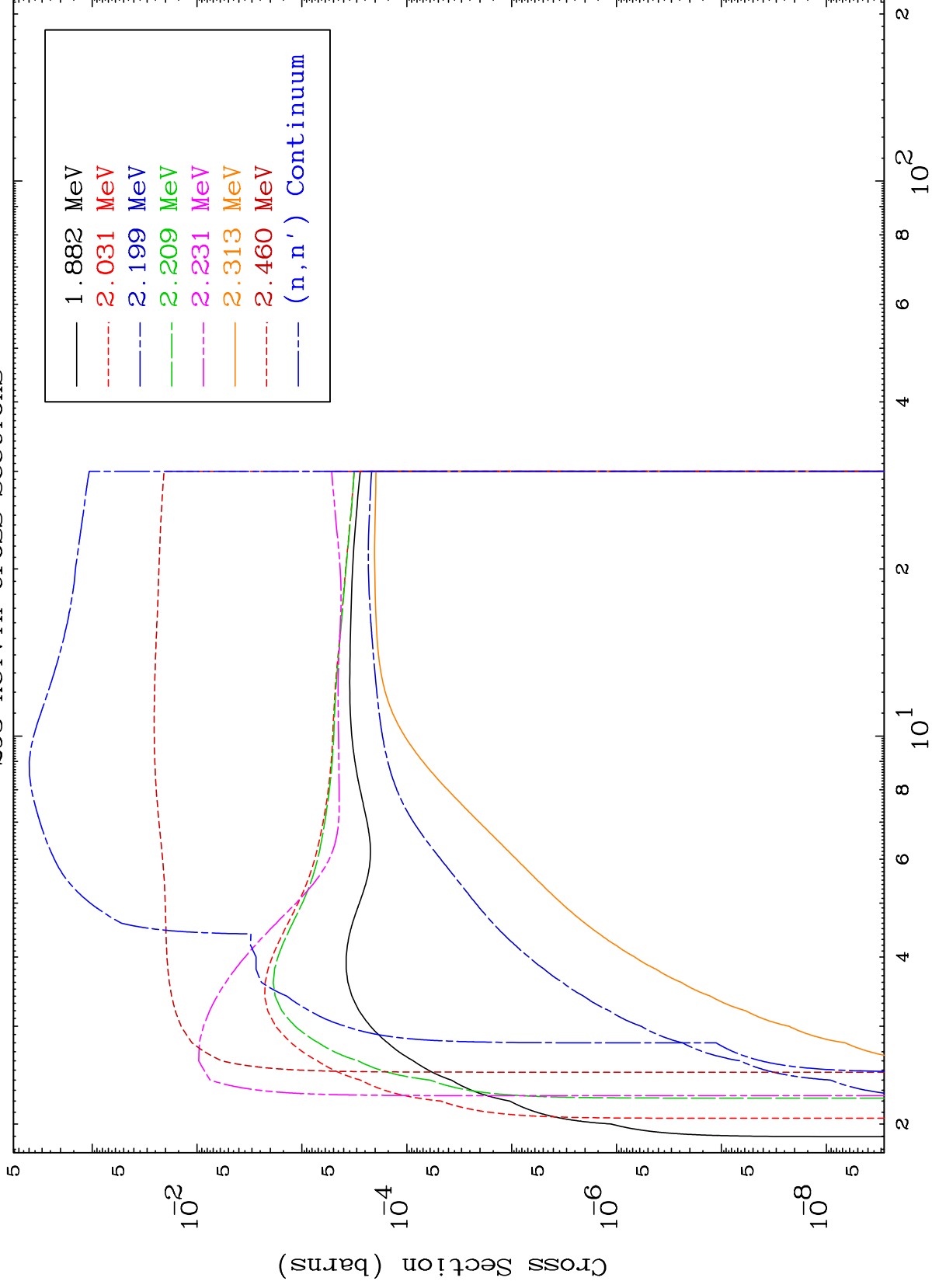
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-126



9

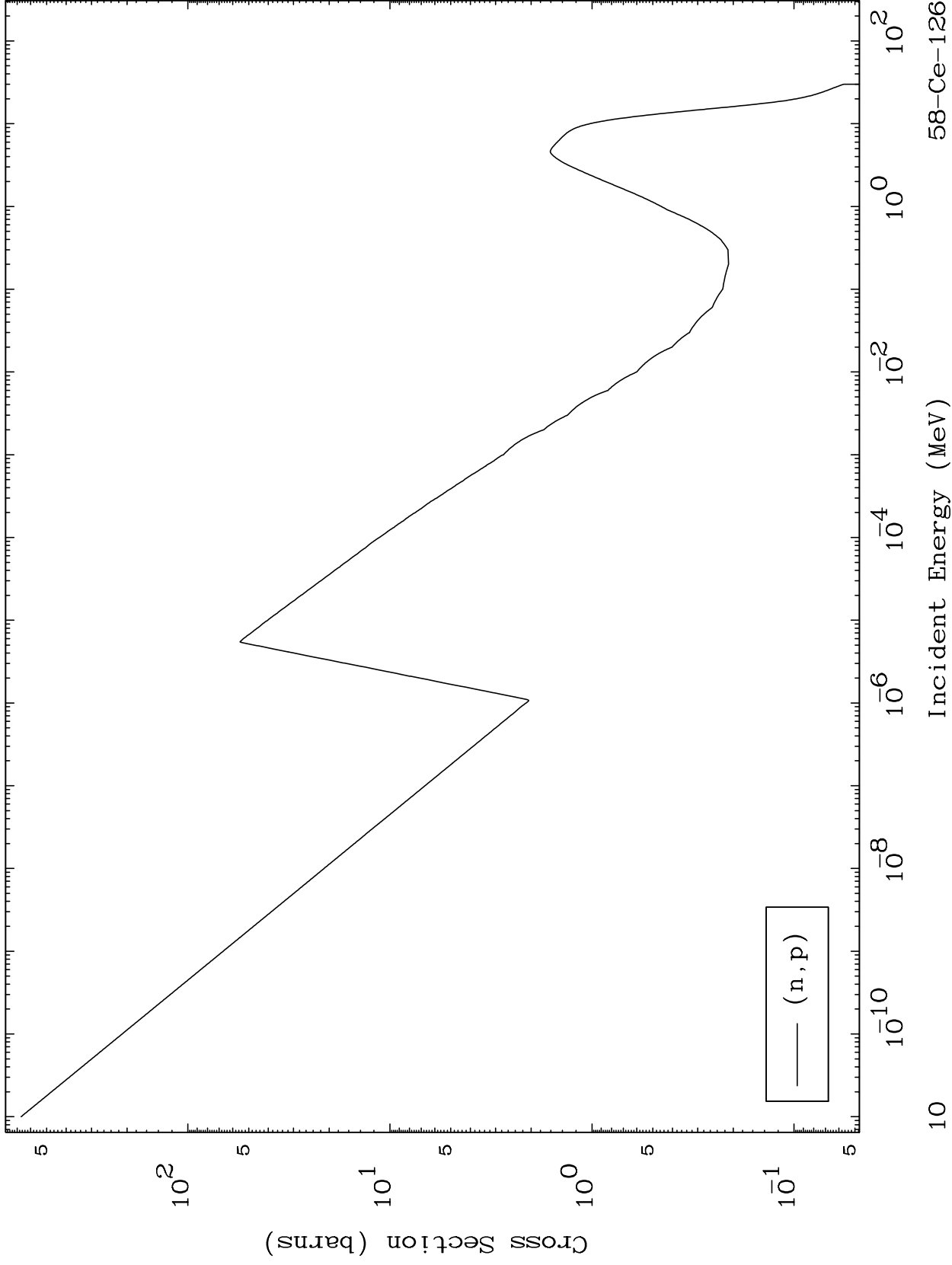
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-126



10

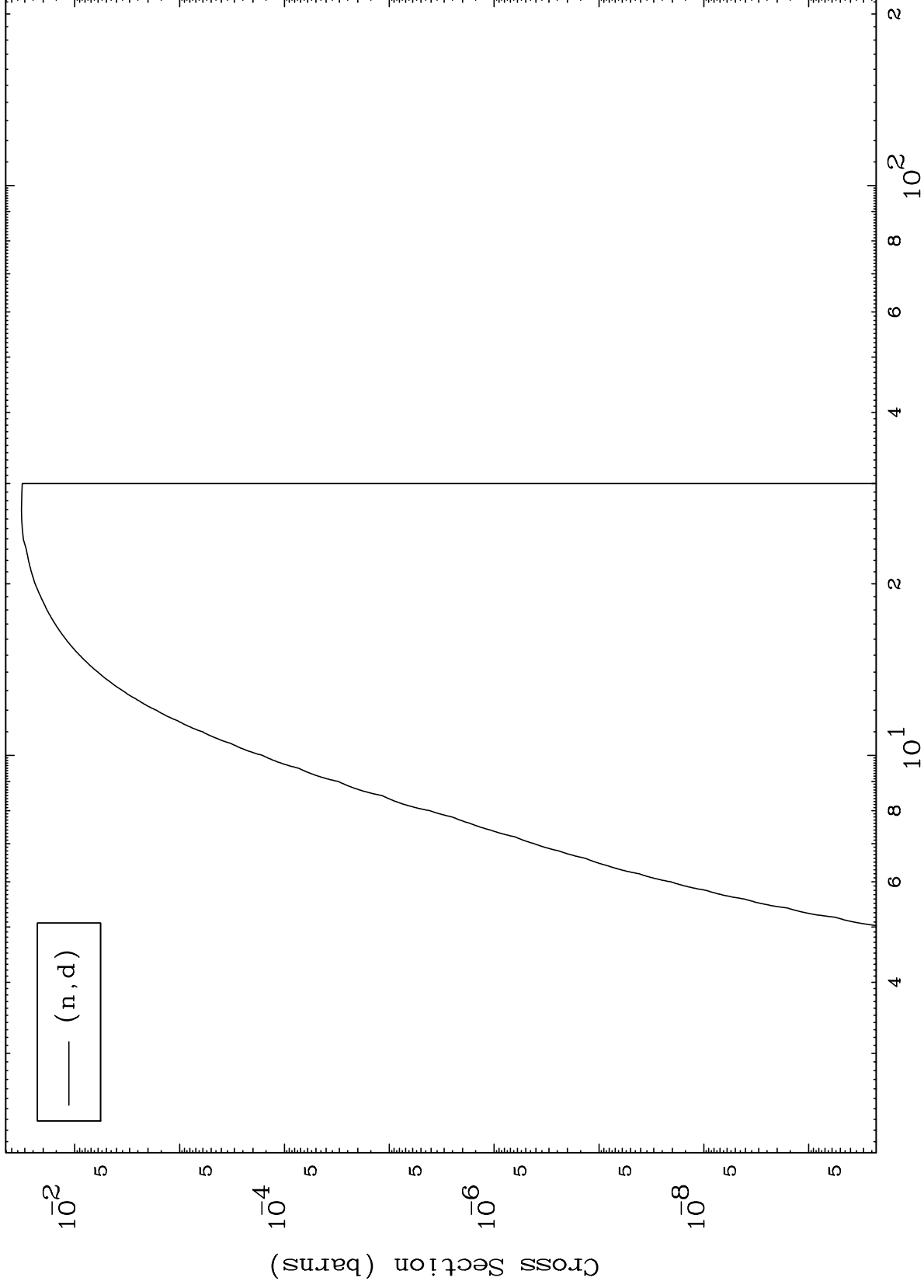
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,d) Levels  
293 Kelvin Cross Sections

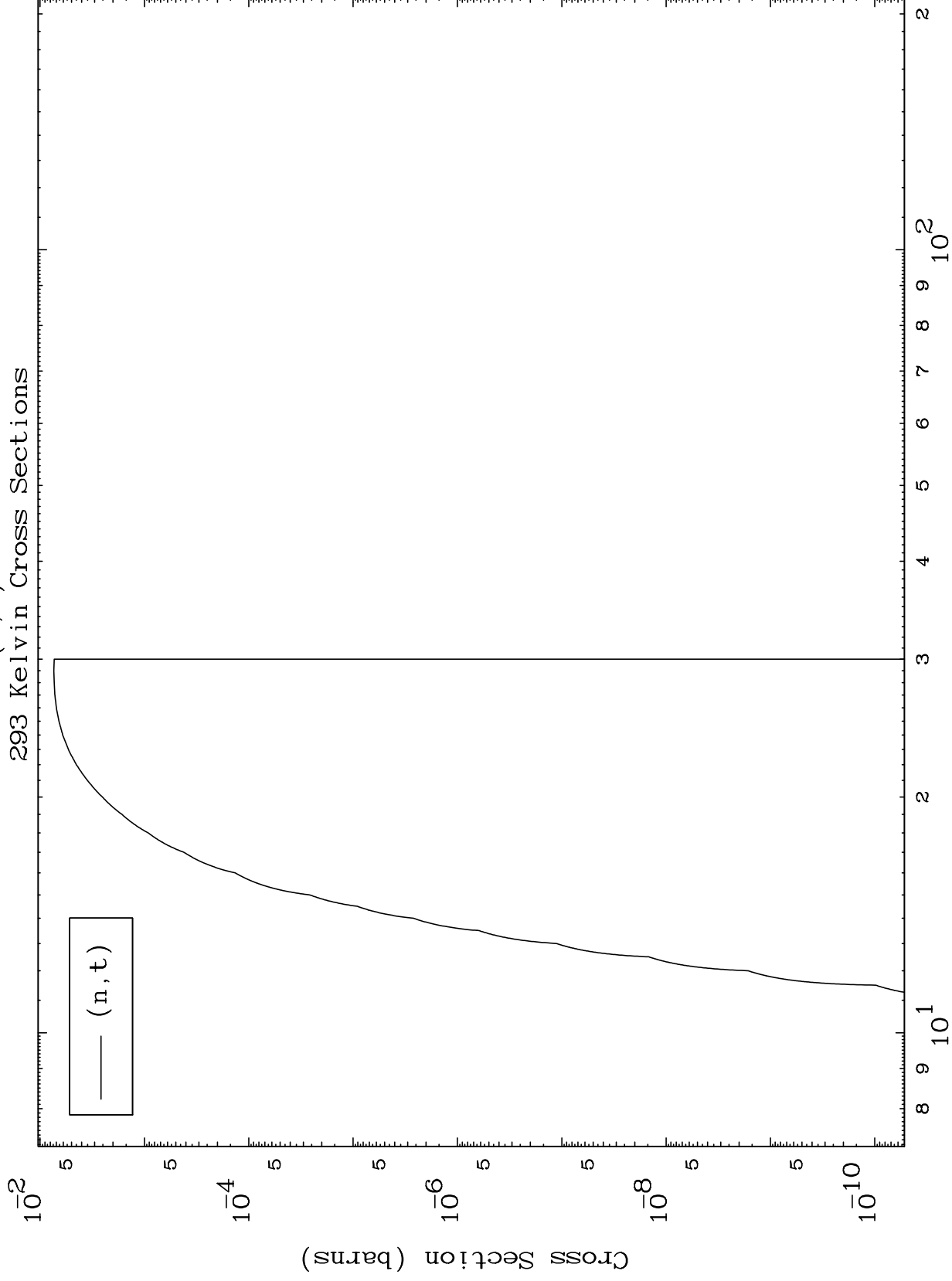
58-Ce-126



MAT 5795

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-126



12

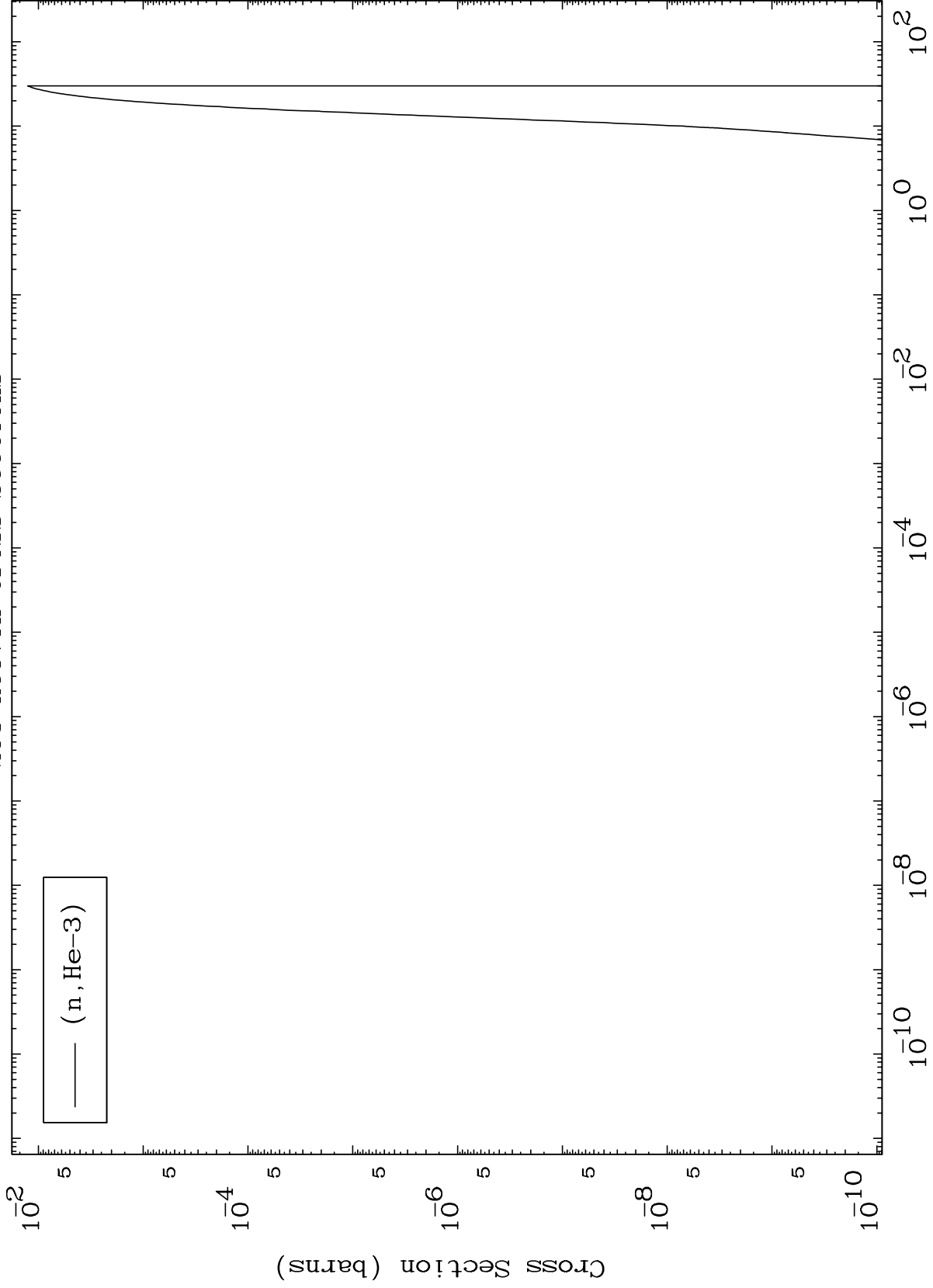
Incident Energy (MeV)

58-Ce-126

MAT 5795

(n,He3) Levels  
293 Kelvin Cross Sections

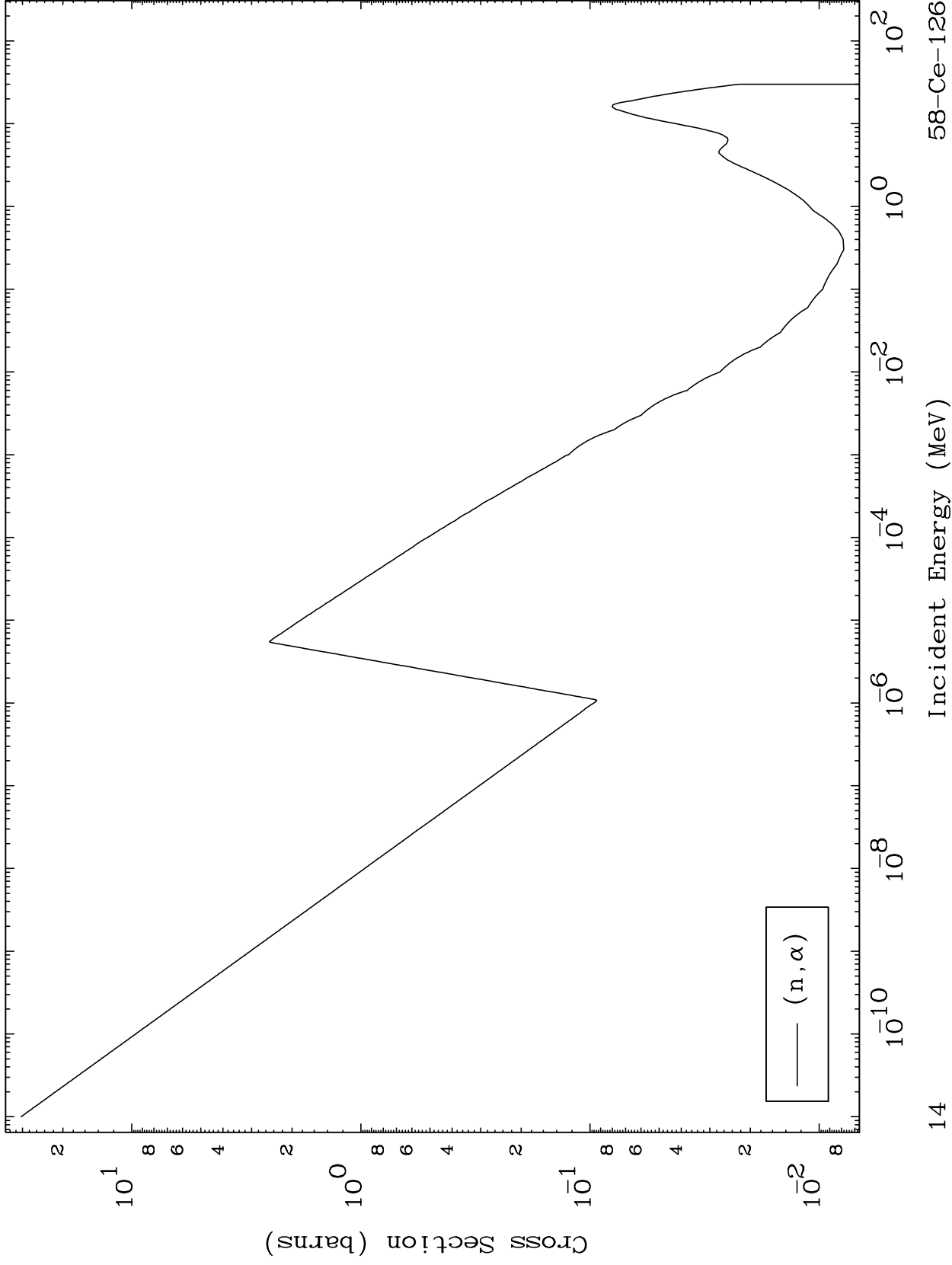
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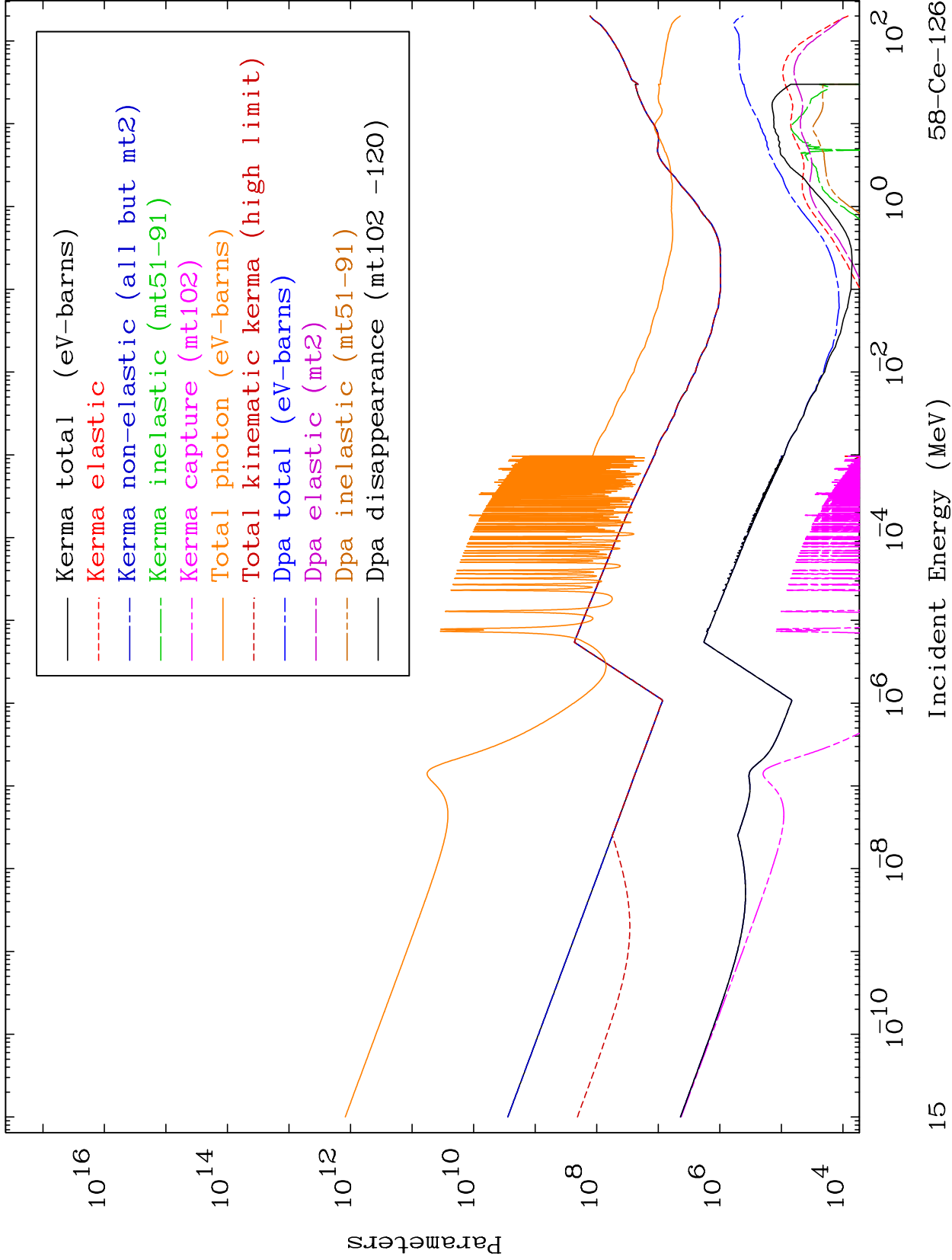


MAT 5795

(n,α) Levels  
293 Kelvin Cross Sections

58-Ce-126



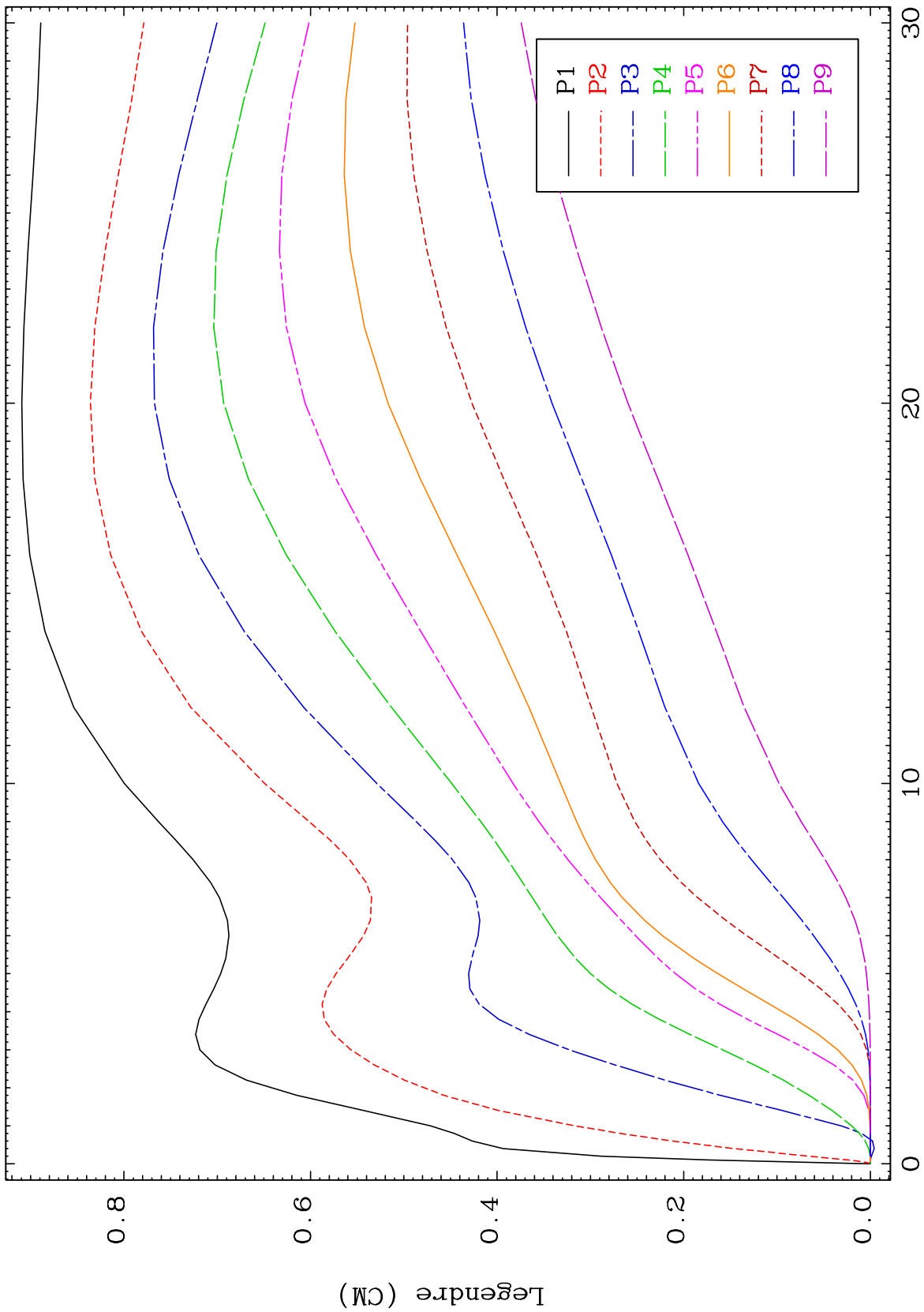




MAT 5795

58-Ce-126

Elastic Legendre Coefficients



16

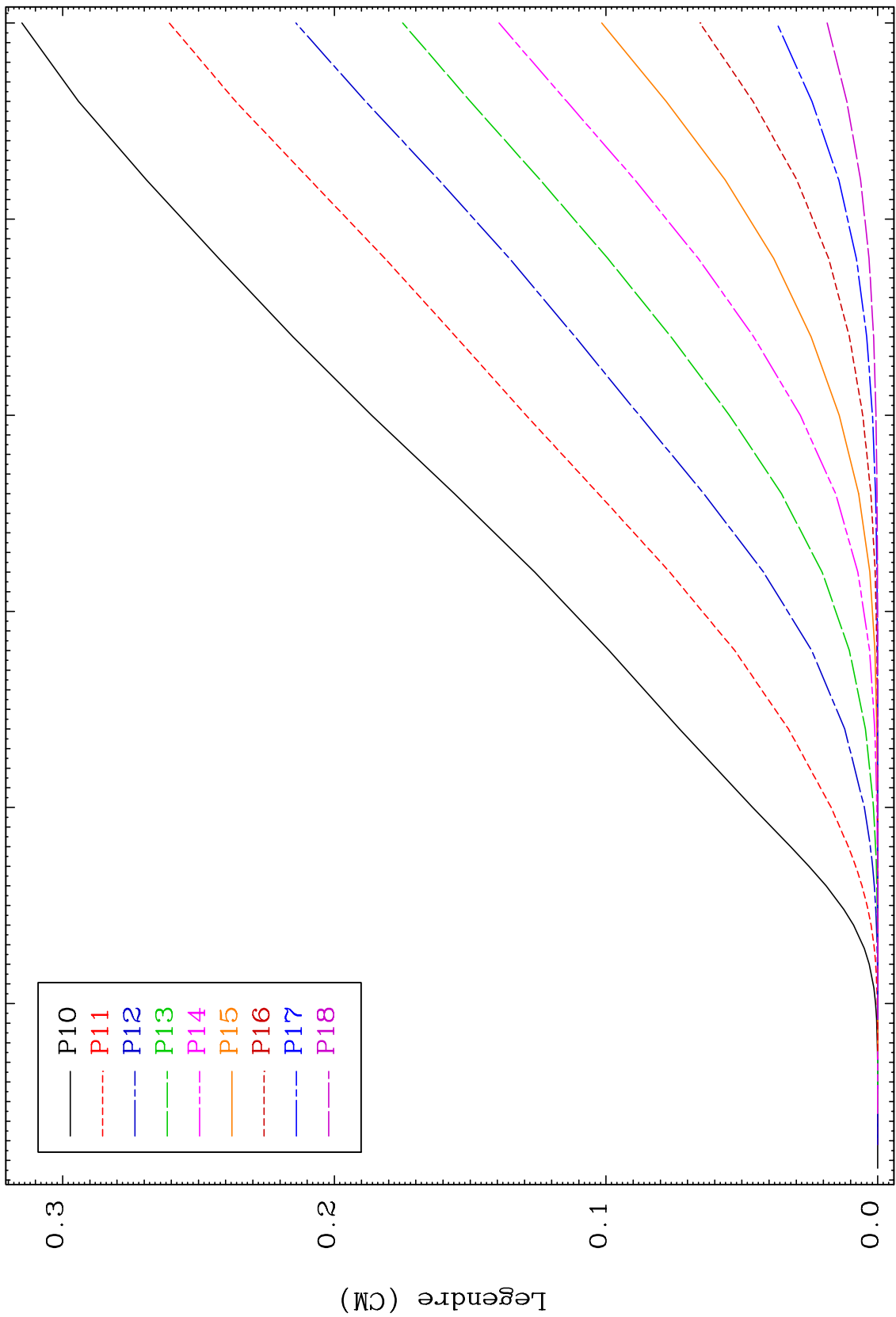
Incident Energy (MeV)

58-Ce-126

MAT 5795

Elastic Legendre Coefficients

58-Ce-126



17

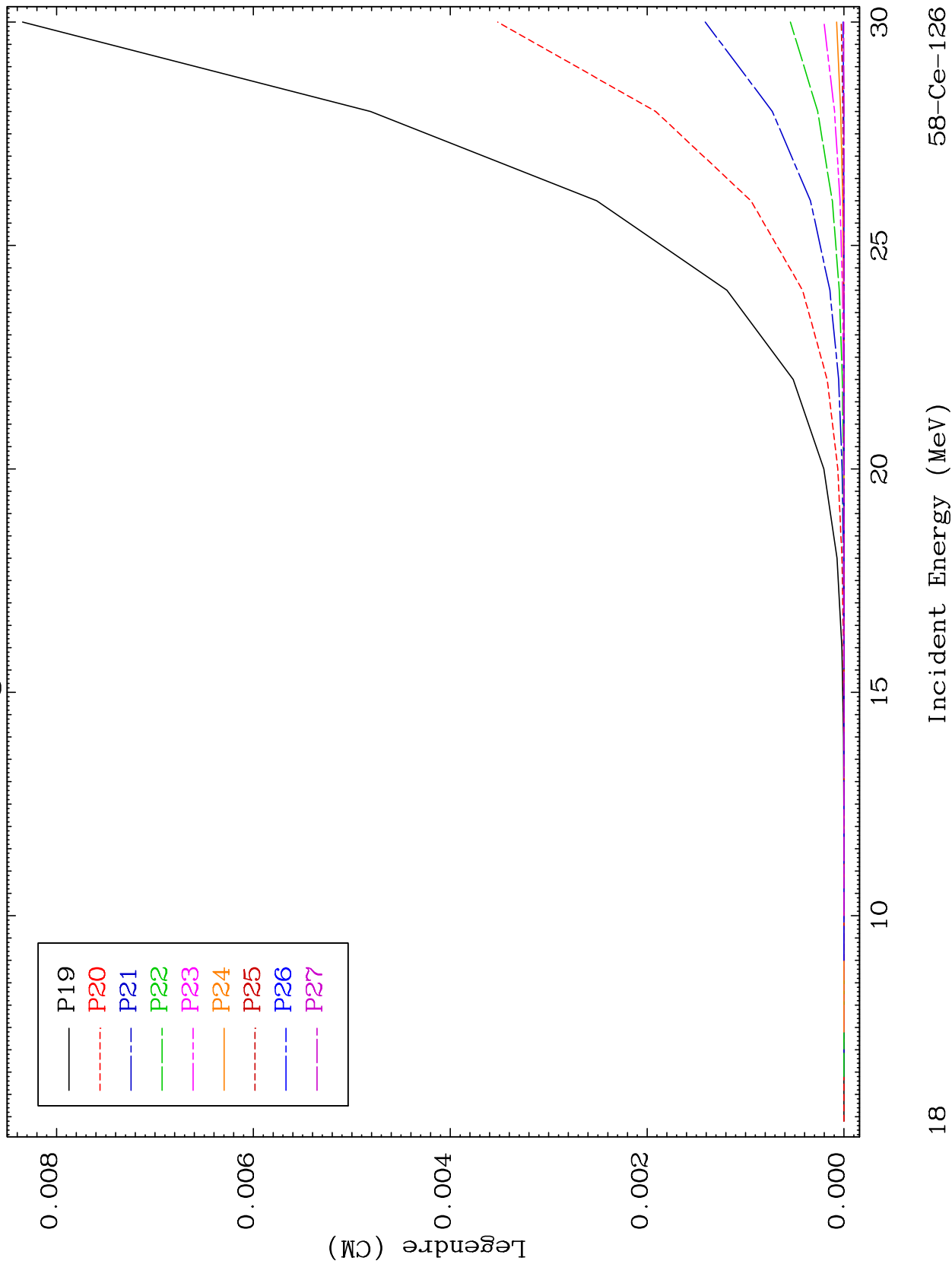
Incident Energy (MeV)

58-Ce-126

MAT 5795

### Elastic Legendre Coefficients

58-Ce-126



18

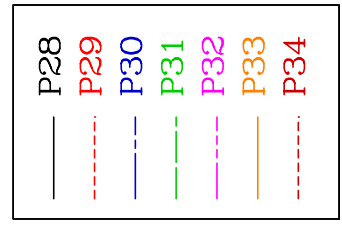
Incident Energy (MeV)

58-Ce-126

MAT 5795

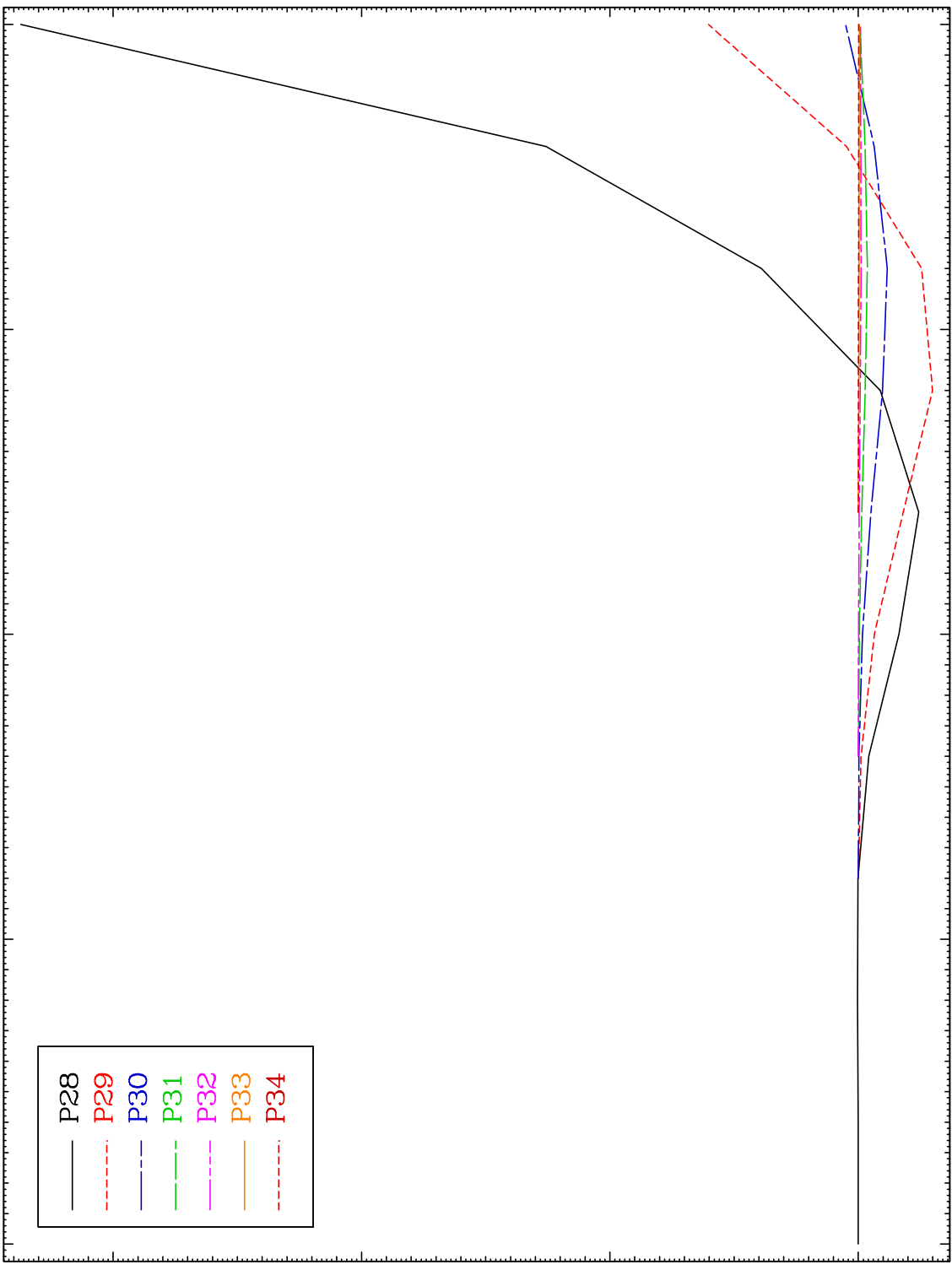
Elastic  
Legendre Coefficients

58-Ce-126



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

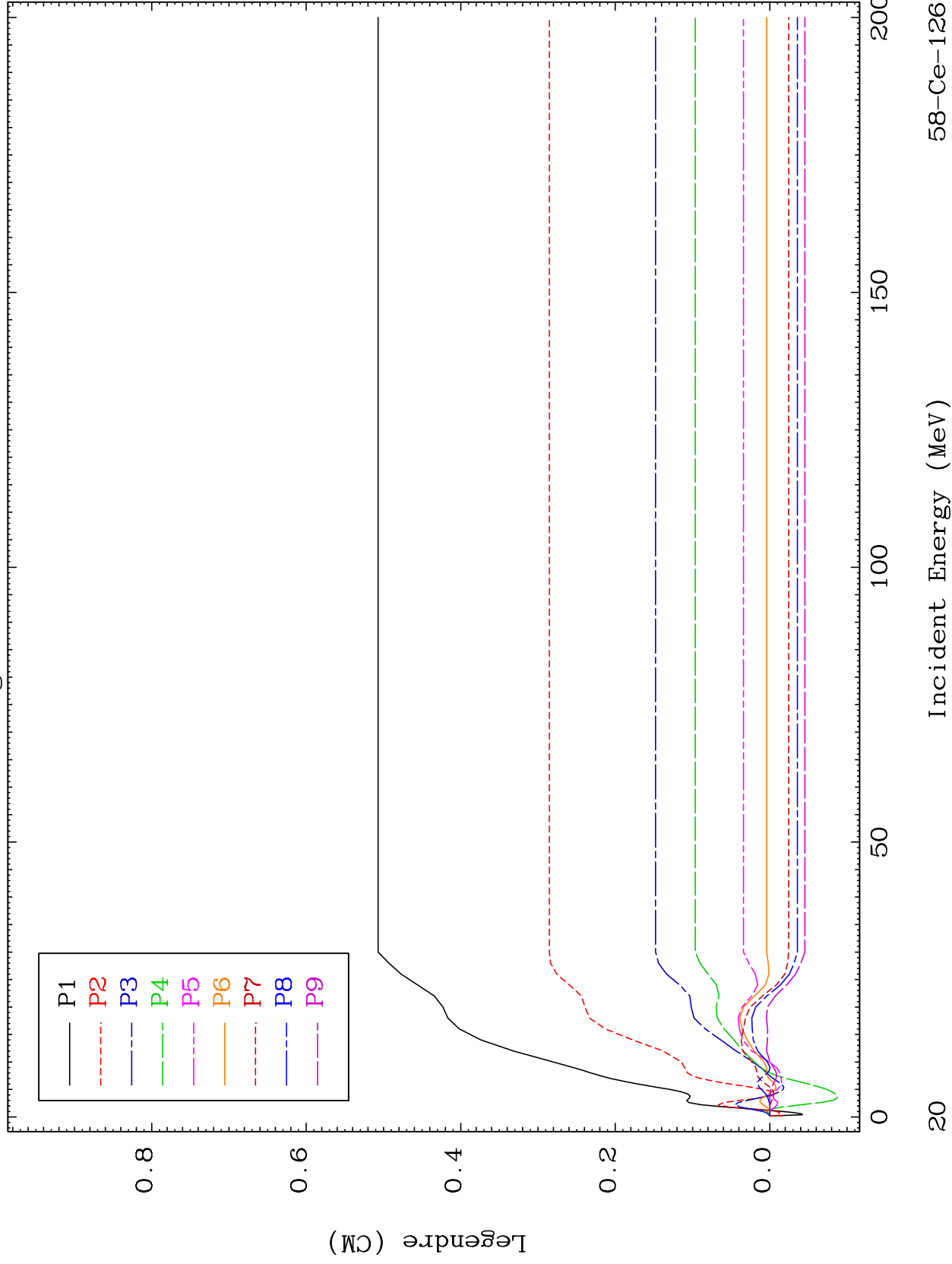
58-Ce-126

19

MAT 5795

169.6 keV (n,n') Level  
Legendre Coefficients

58-Ce-126



58-Ce-126

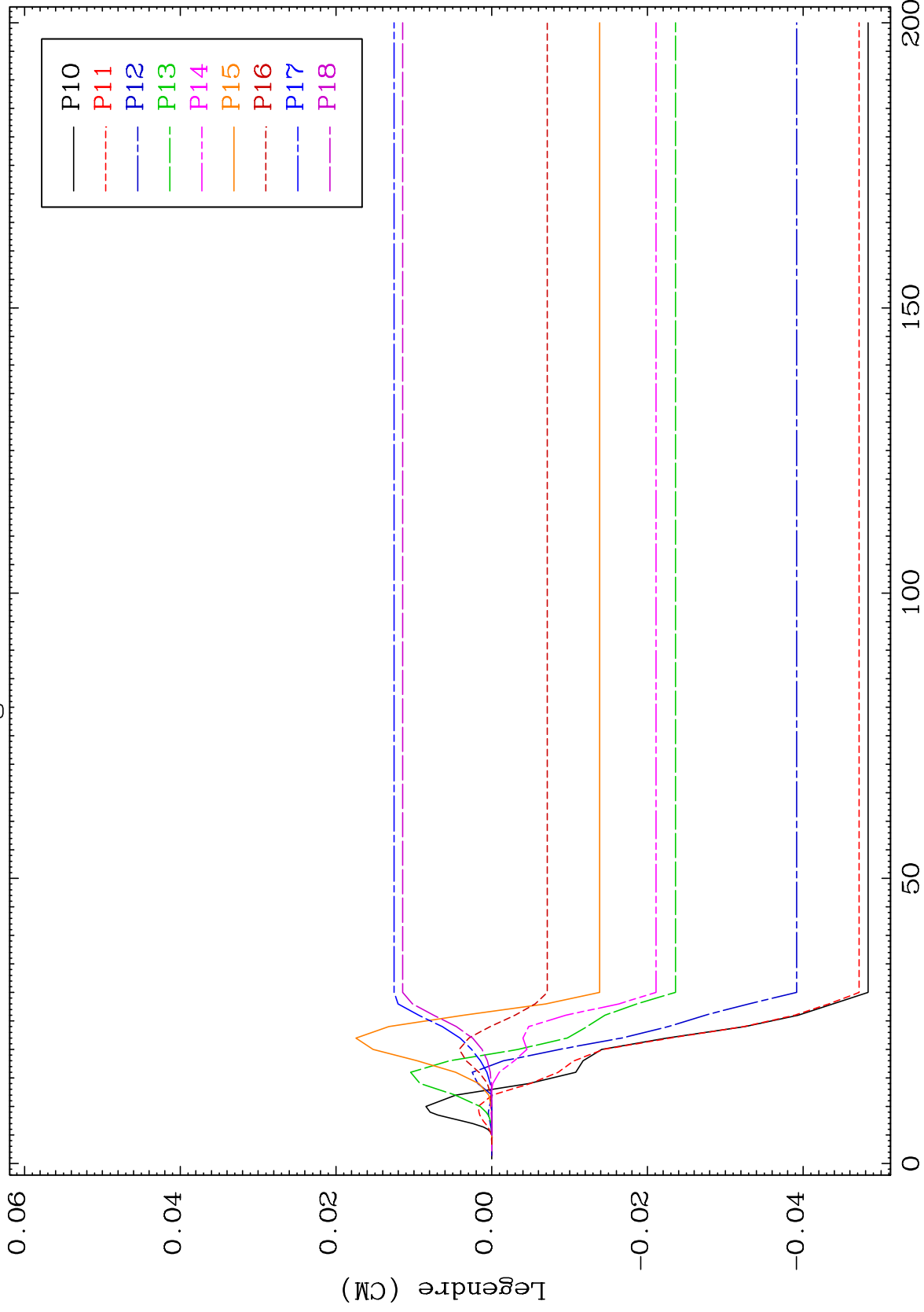
Incident Energy (MeV)

0

MAT 5795

169.6 keV (n,n') Level  
Legendre Coefficients

58-Ce-126



21

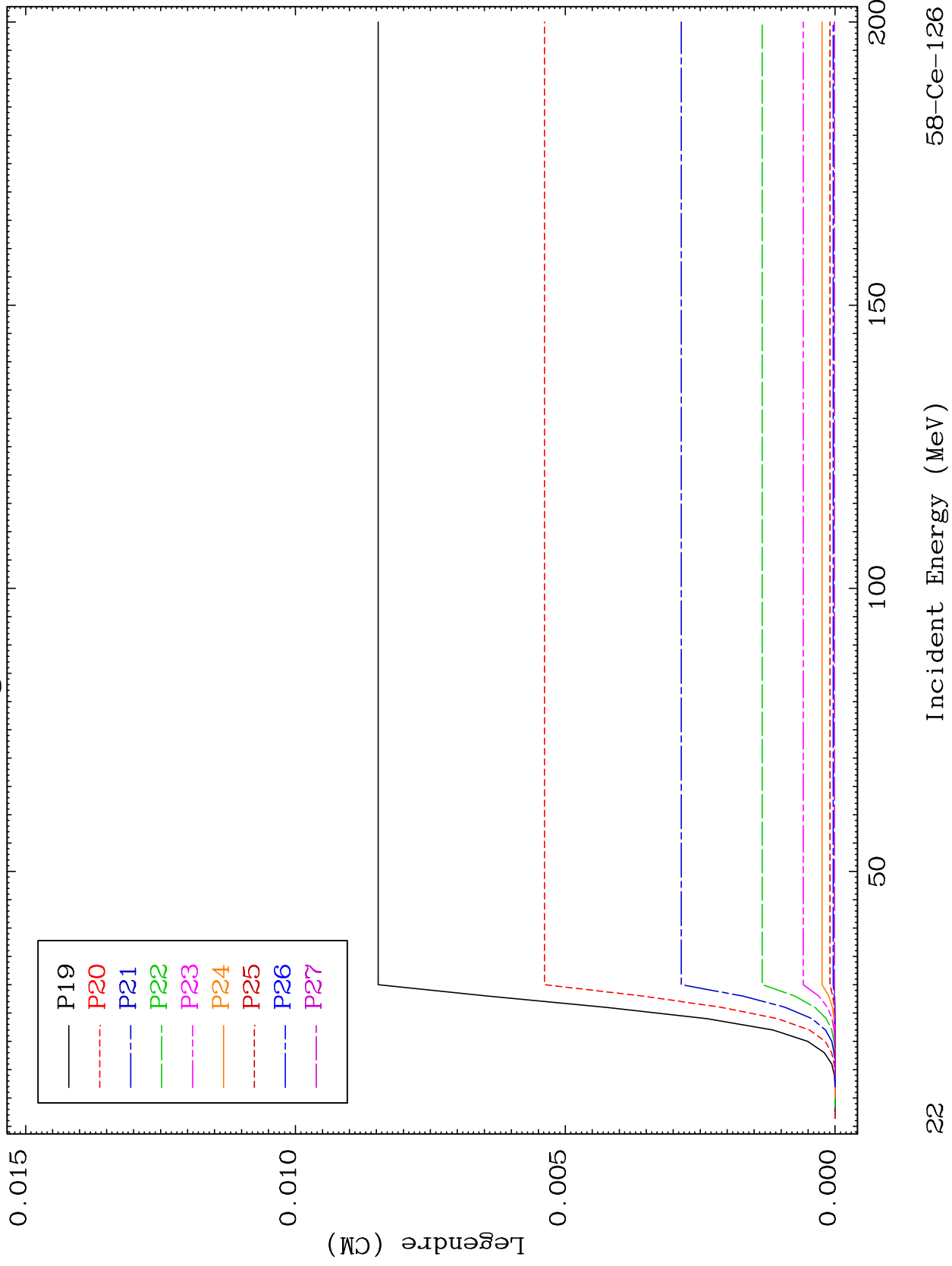
Incident Energy (MeV)

58-Ce-126

MAT 5795

169.6 keV (n,n') Level  
Legendre Coefficients

58-Ce-126



22

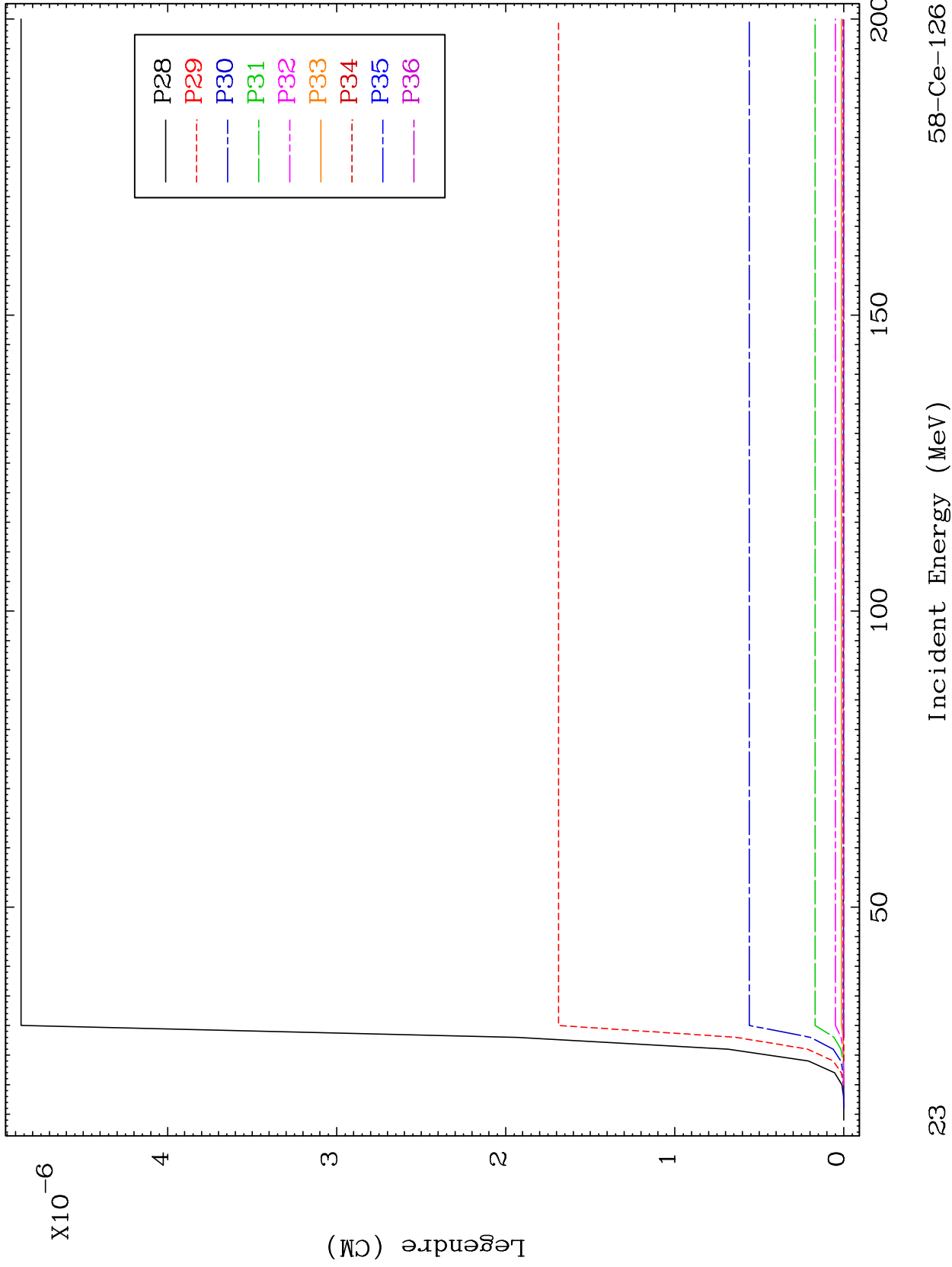
Incident Energy (MeV)

58-Ce-126

MAT 5795

169.6 keV (n,n') Level  
Legendre Coefficients

58-Ce-126



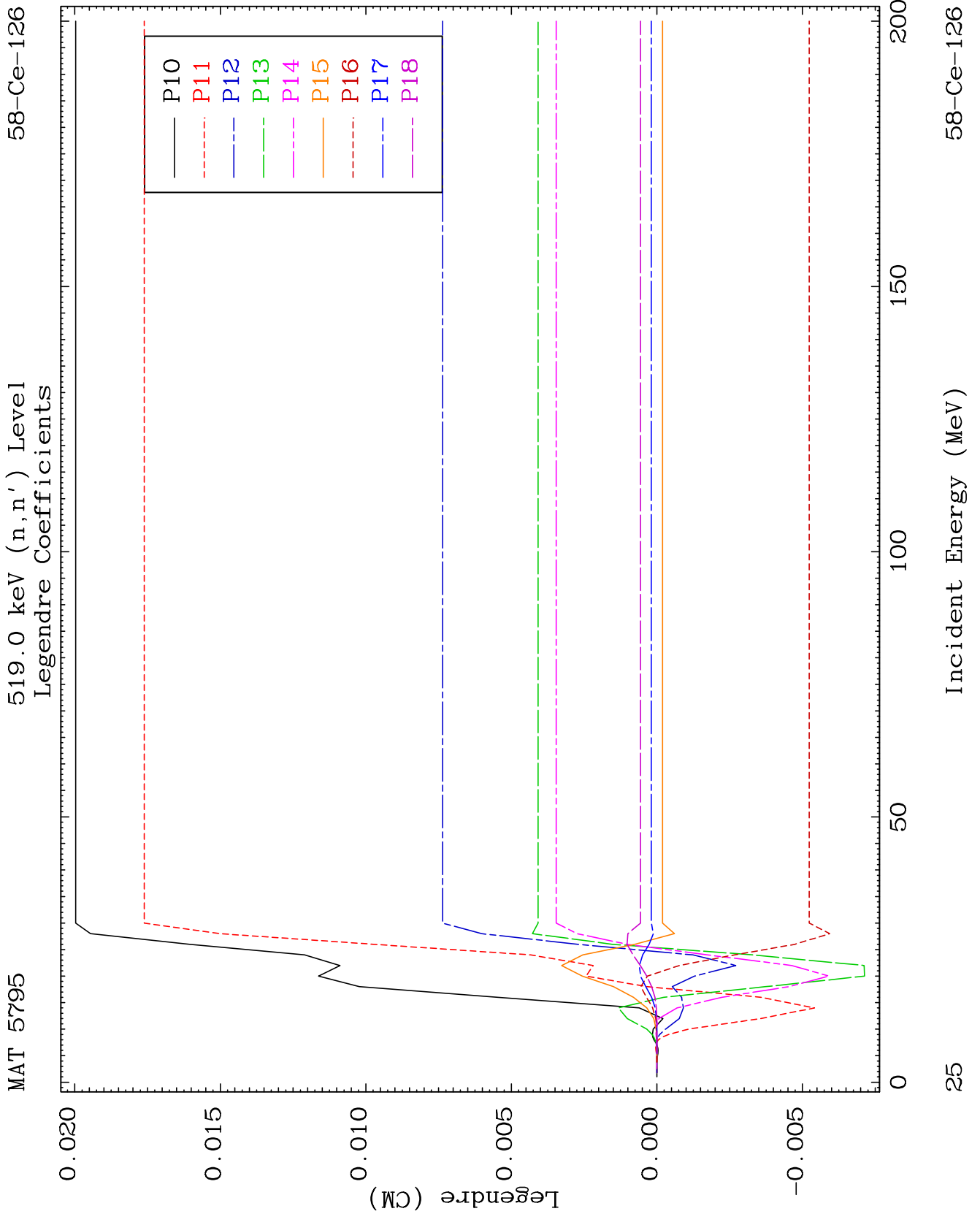
23

Incident Energy (MeV)

58-Ce-126



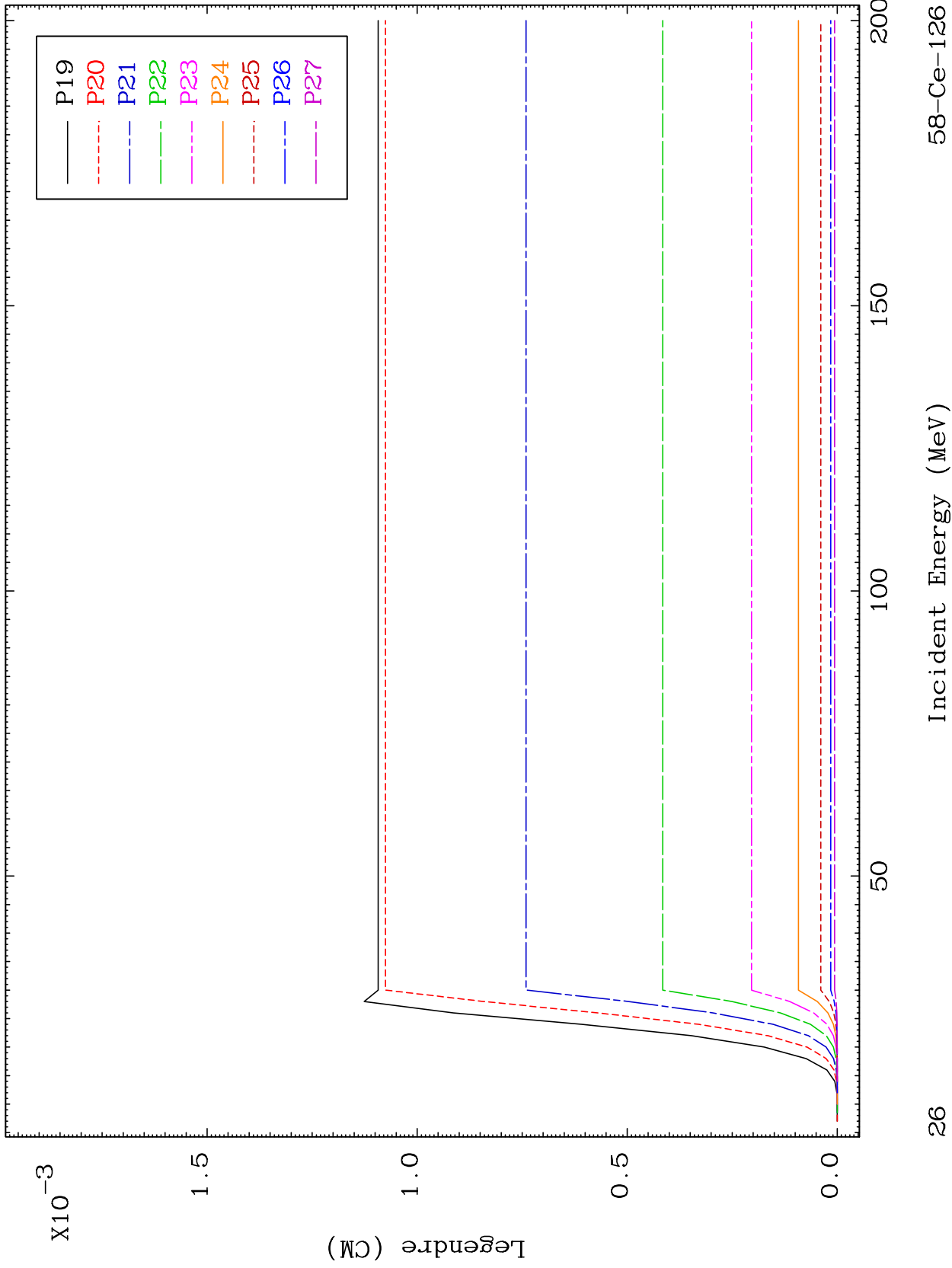




MAT 5795

519.0 keV (n,n') Level  
Legendre Coefficients

58-Ce-126



26

Incident Energy (MeV)

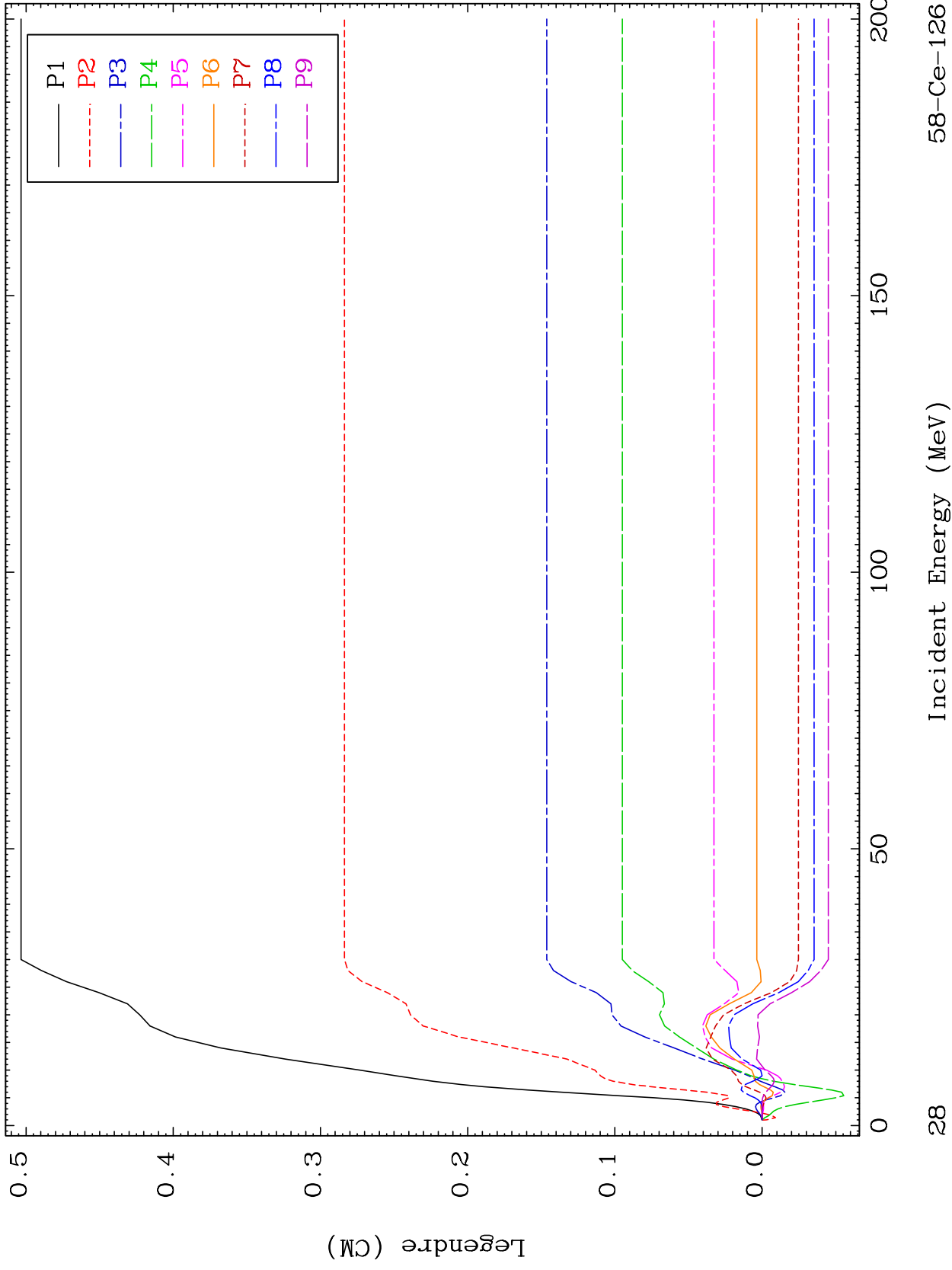
58-Ce-126



MAT 5795

954.4 keV (n,n') Level  
Legendre Coefficients

58-Ce-126

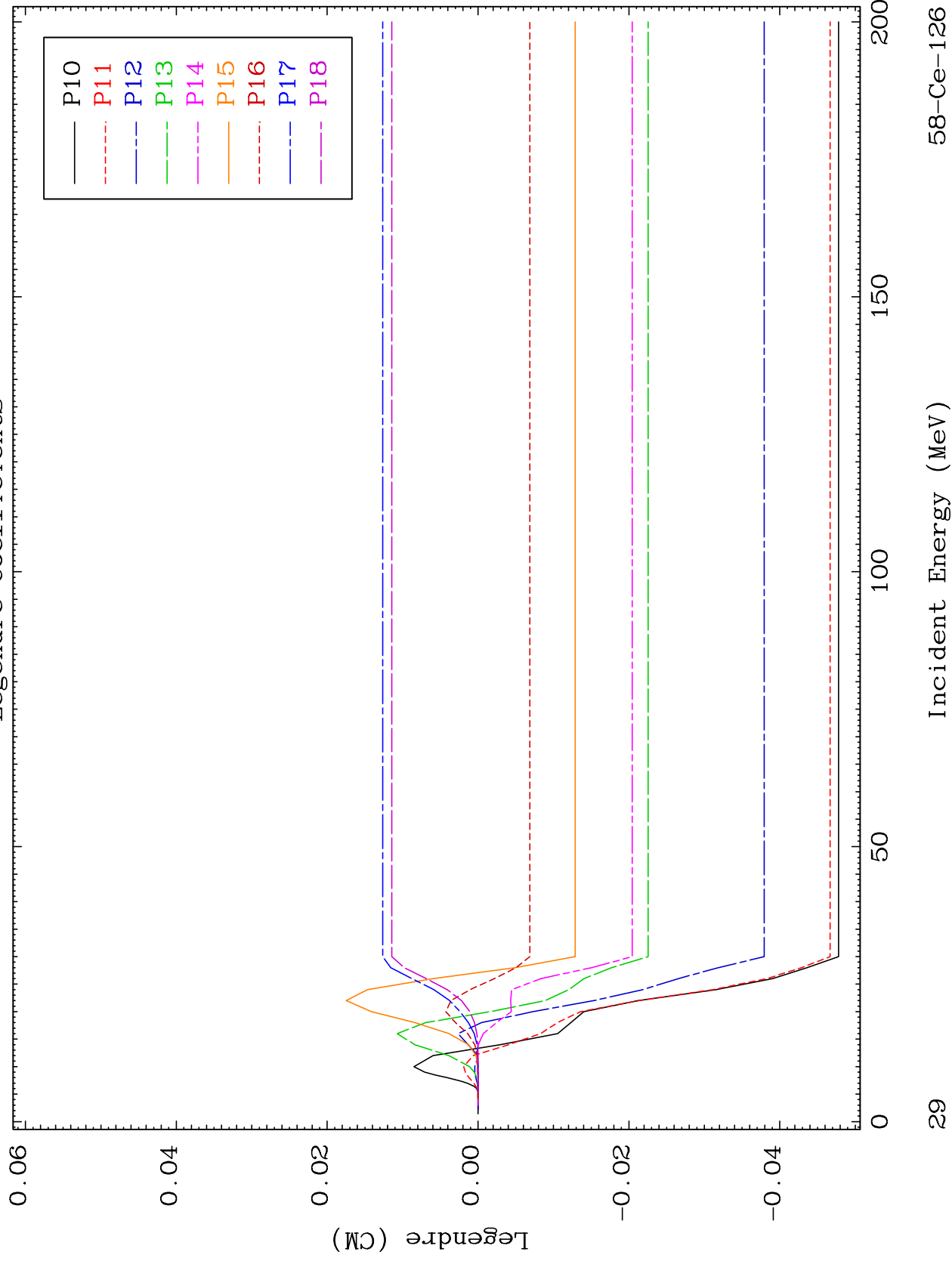


28

MAT 5795

954.4 keV (n,n') Level  
Legendre Coefficients

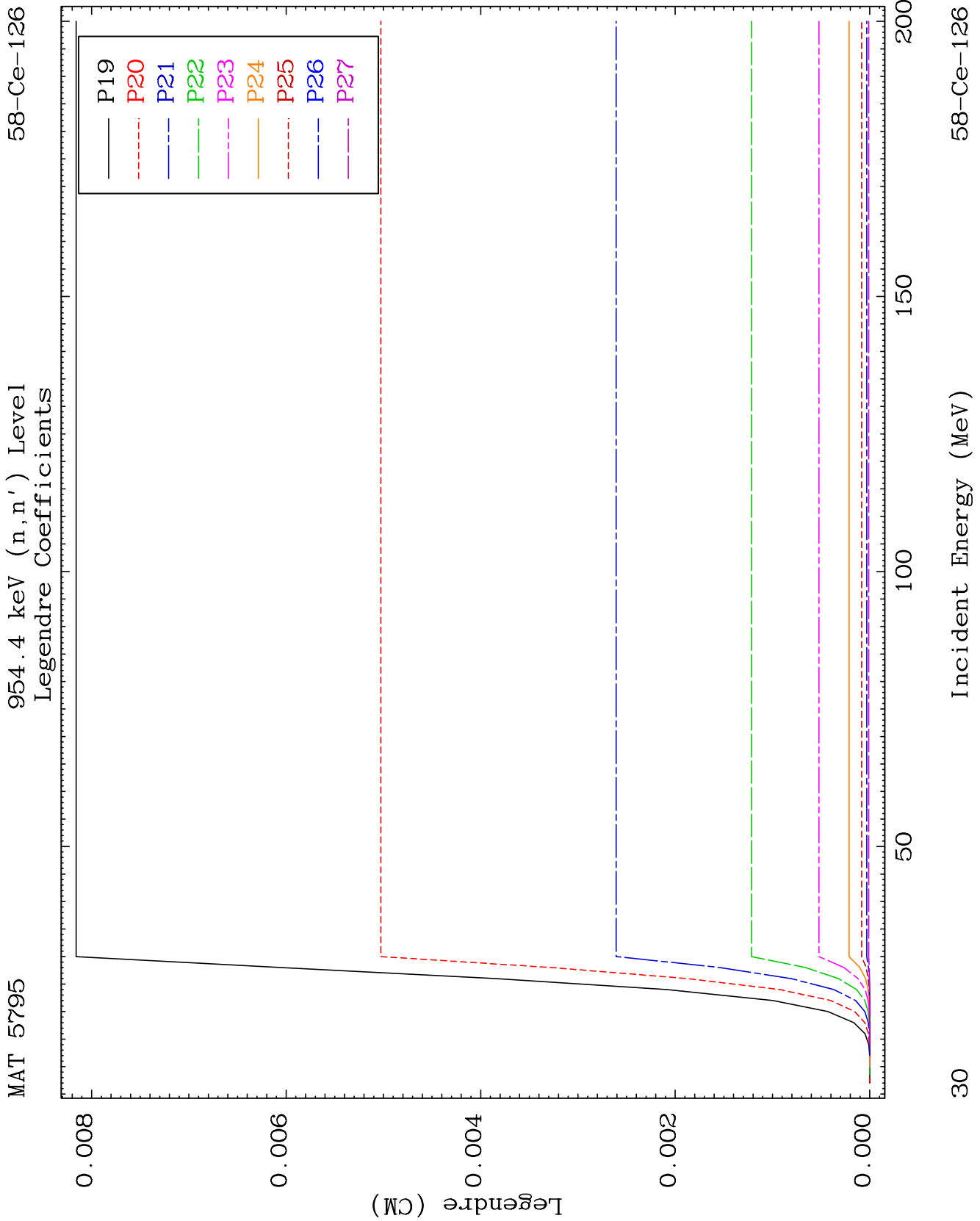
58-Ce-126



58-Ce-126

Incident Energy (MeV)

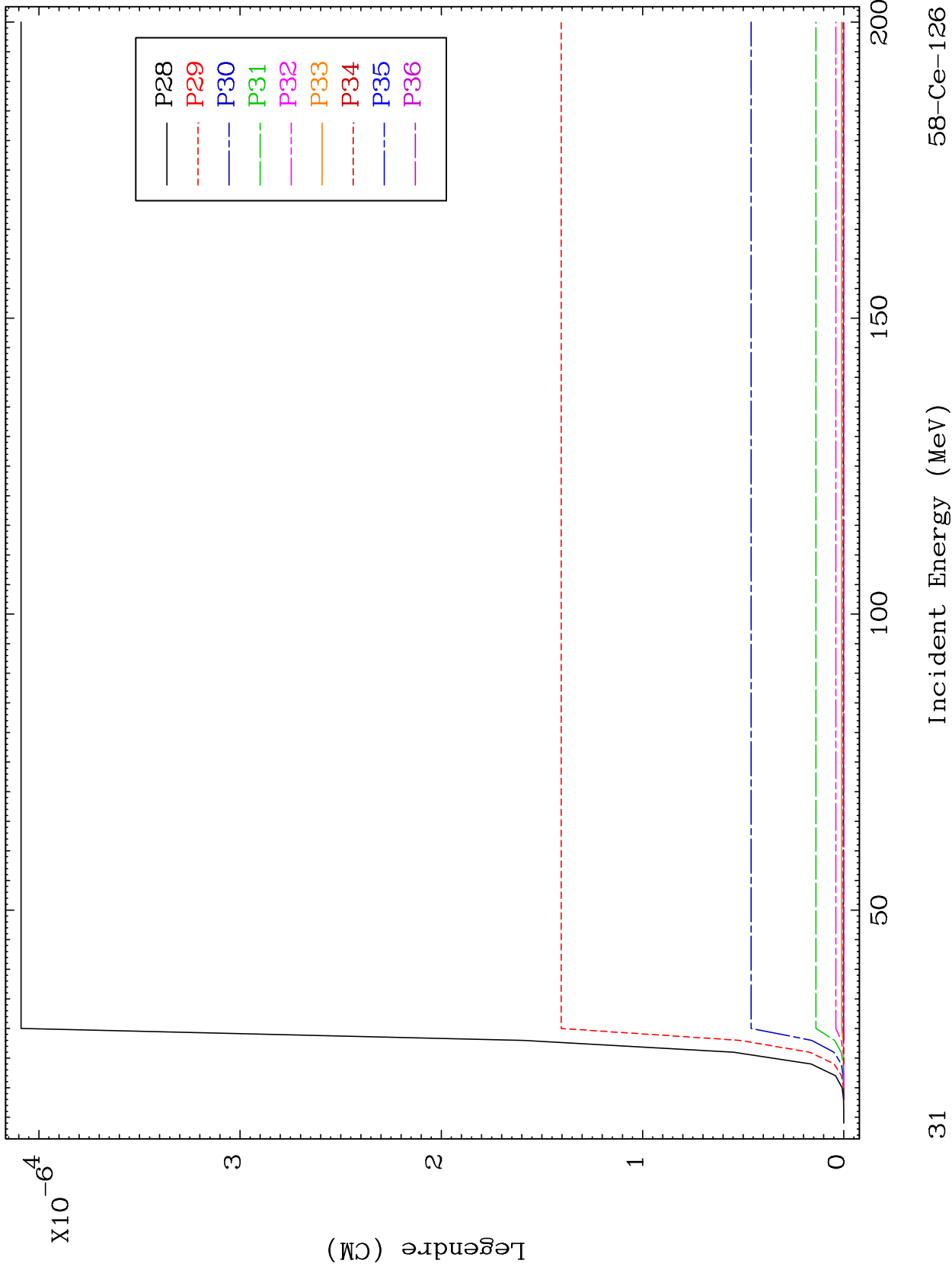
29



MAT 5795

954.4 keV (n,n') Level  
Legendre Coefficients

58-Ce-126



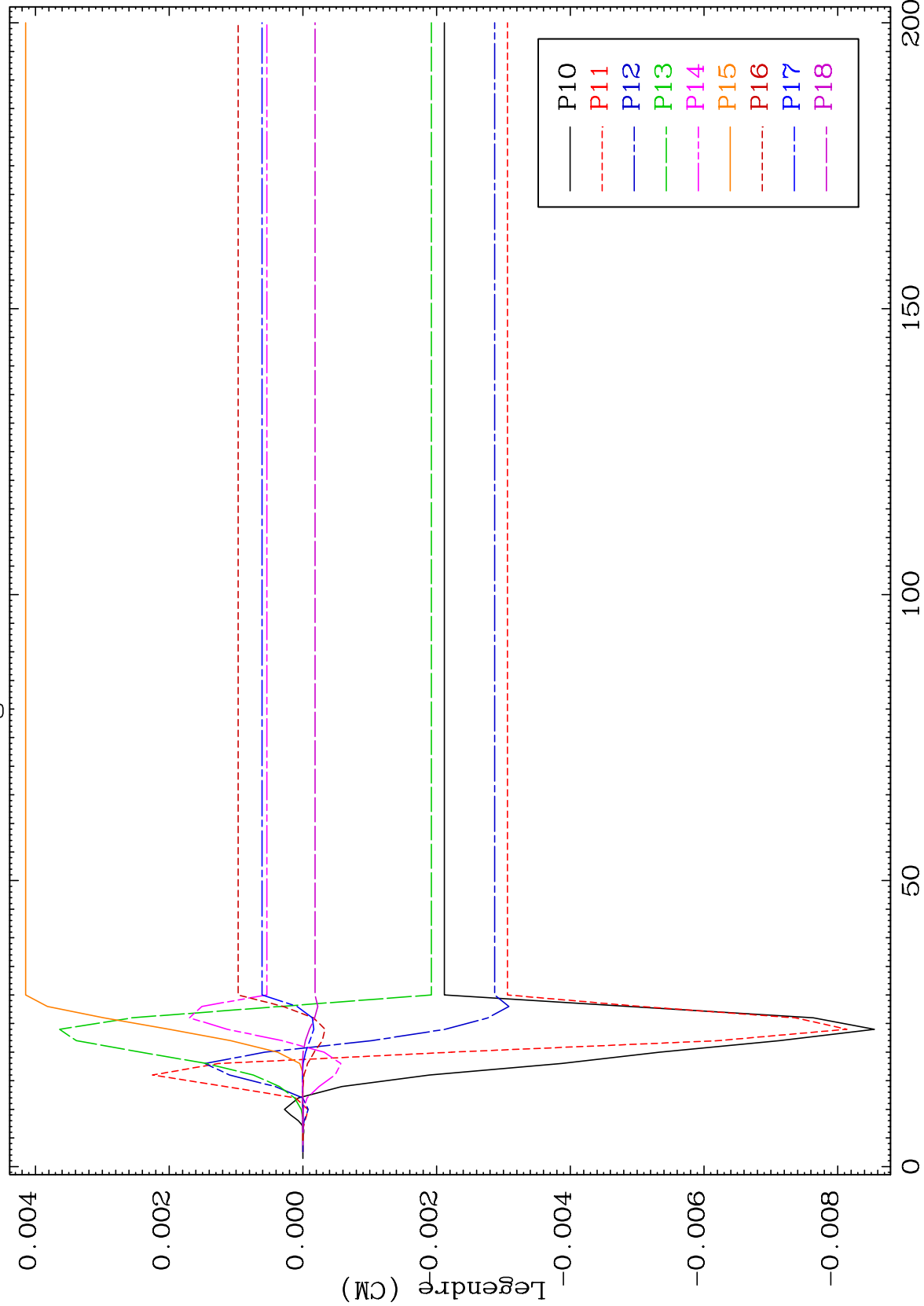




MAT 5795

1.015 MeV (n,n') Level  
Legendre Coefficients

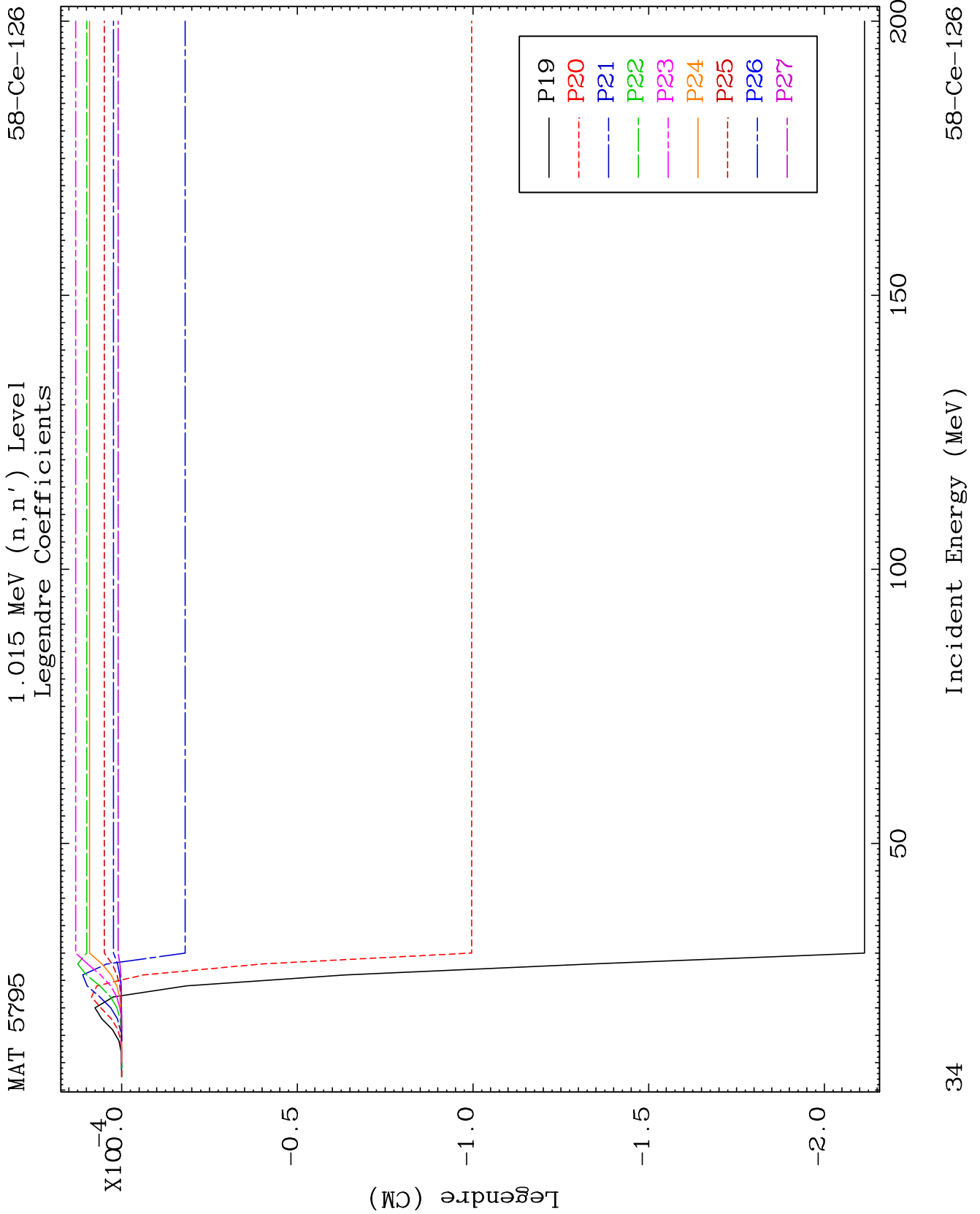
58-Ce-126



33

Incident Energy (MeV)

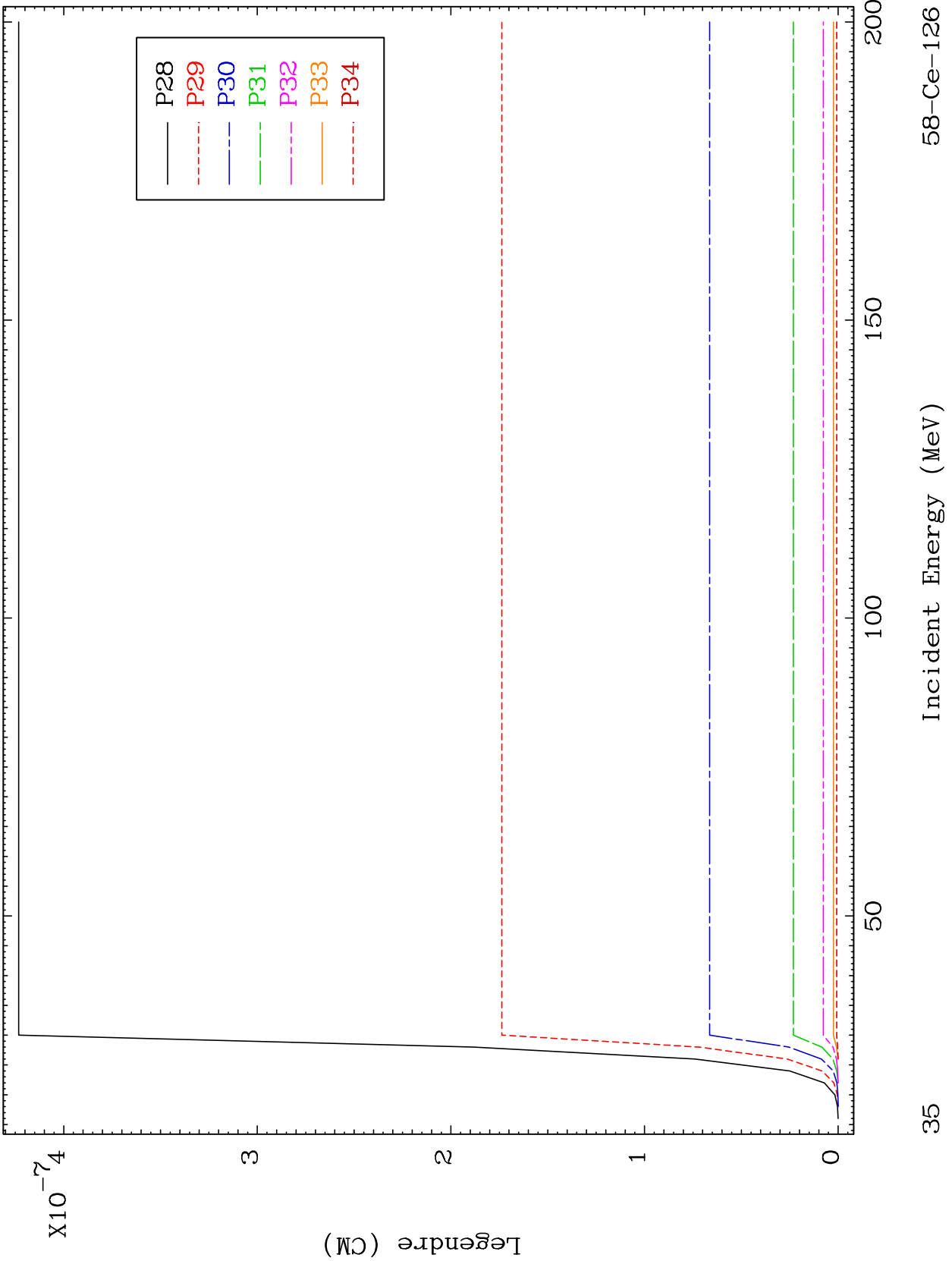
58-Ce-126



MAT 5795

1.015 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



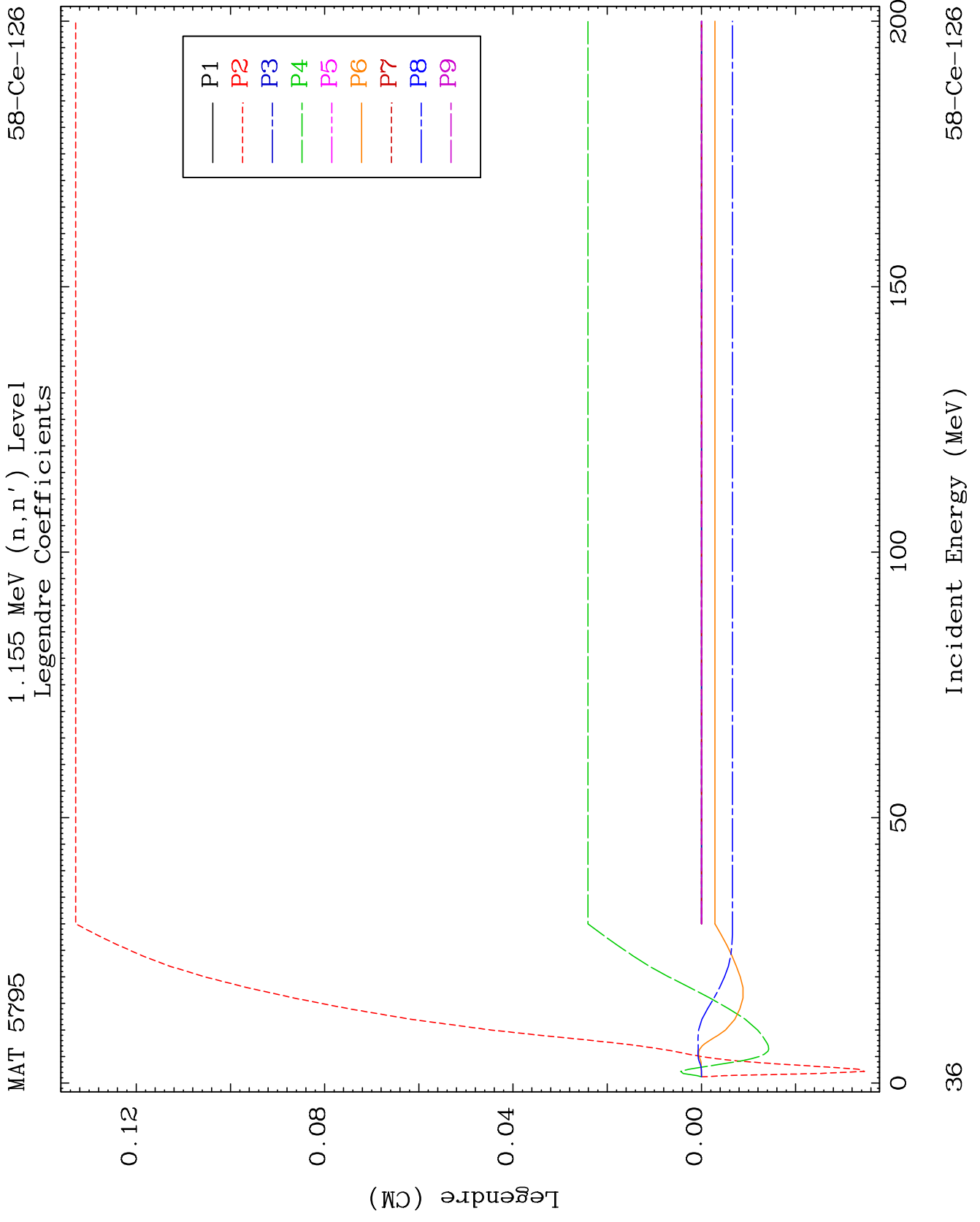
35

50

100

150

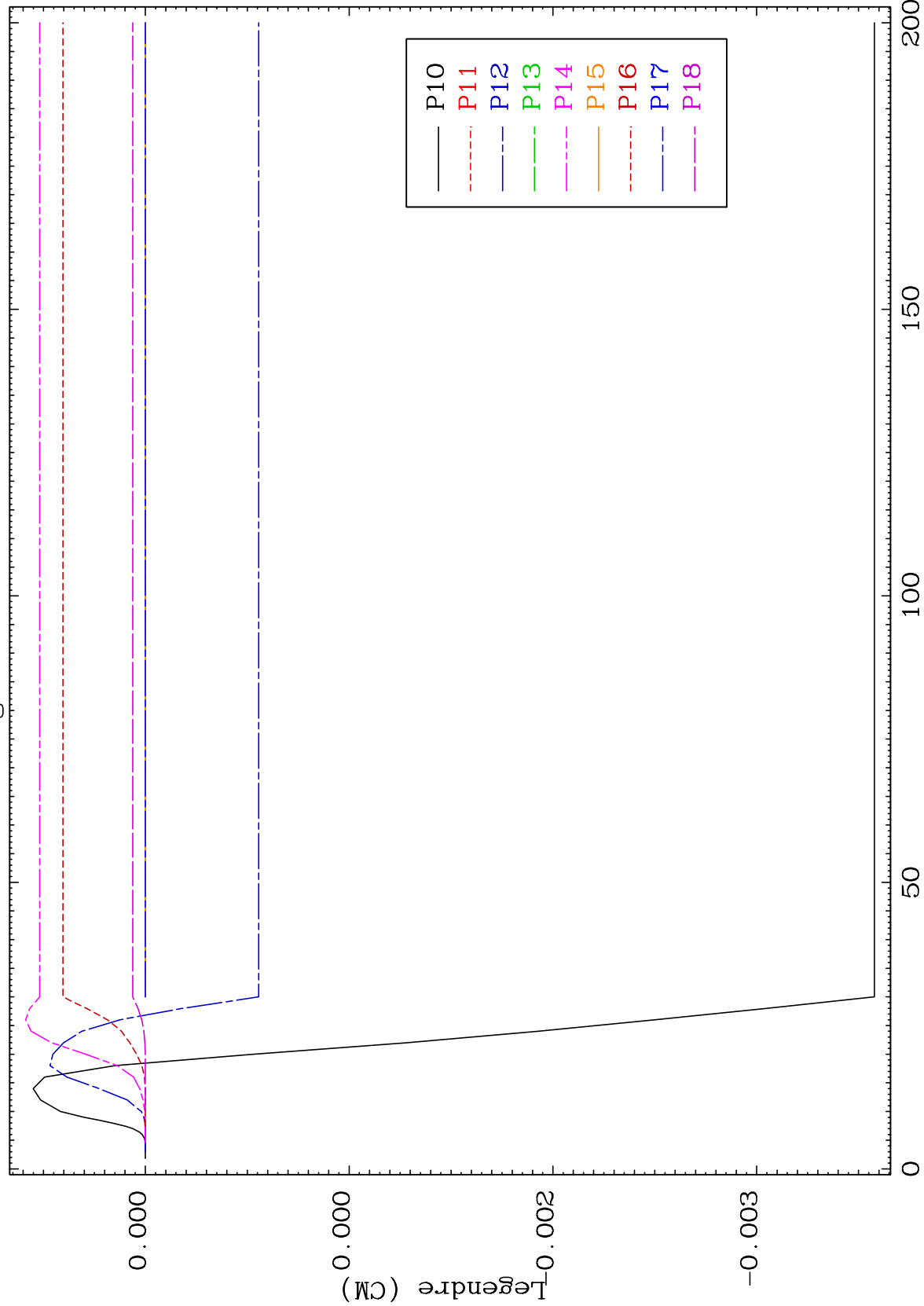
200



MAT 5795

1.155 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126

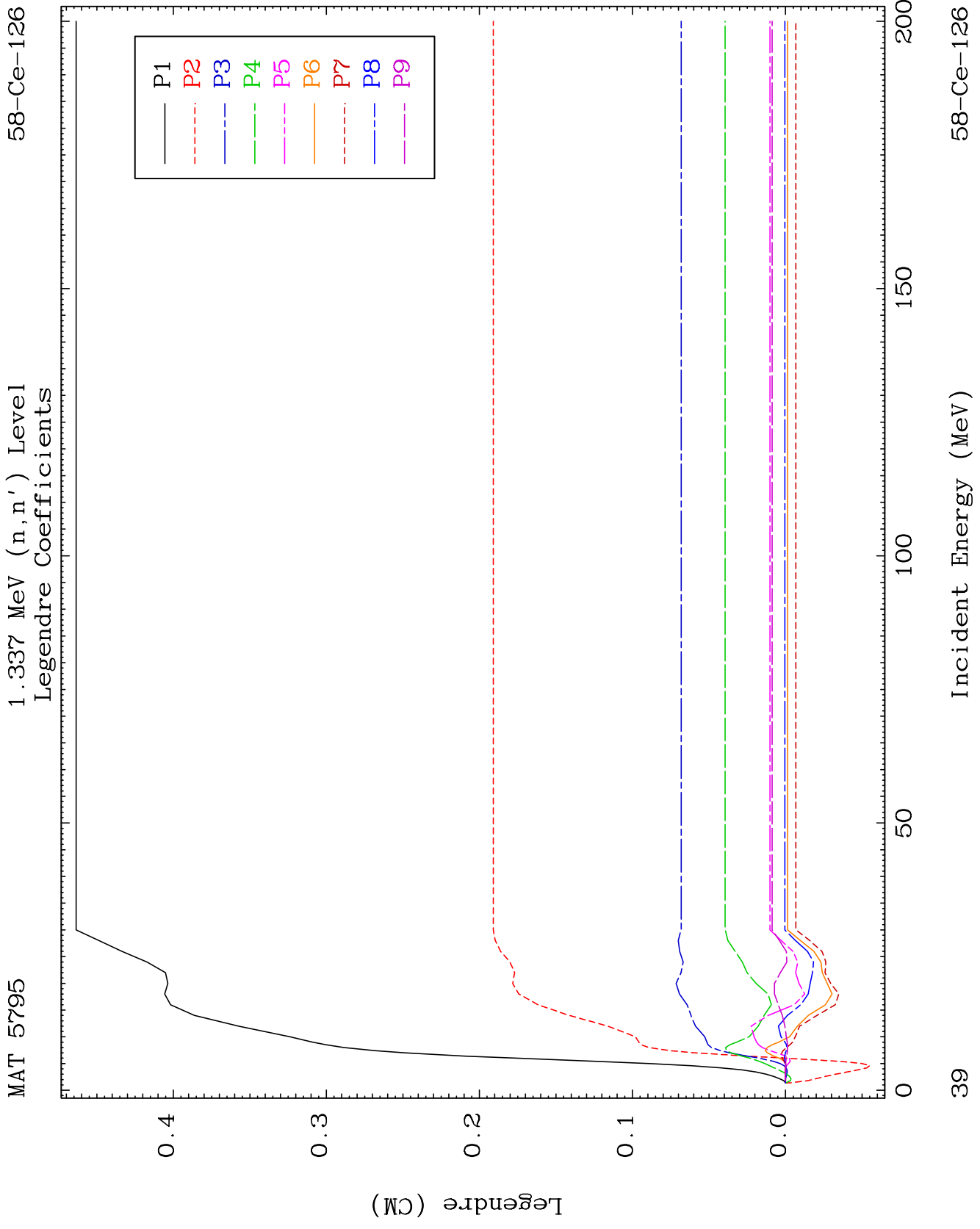


37

Incident Energy (MeV)

58-Ce-126



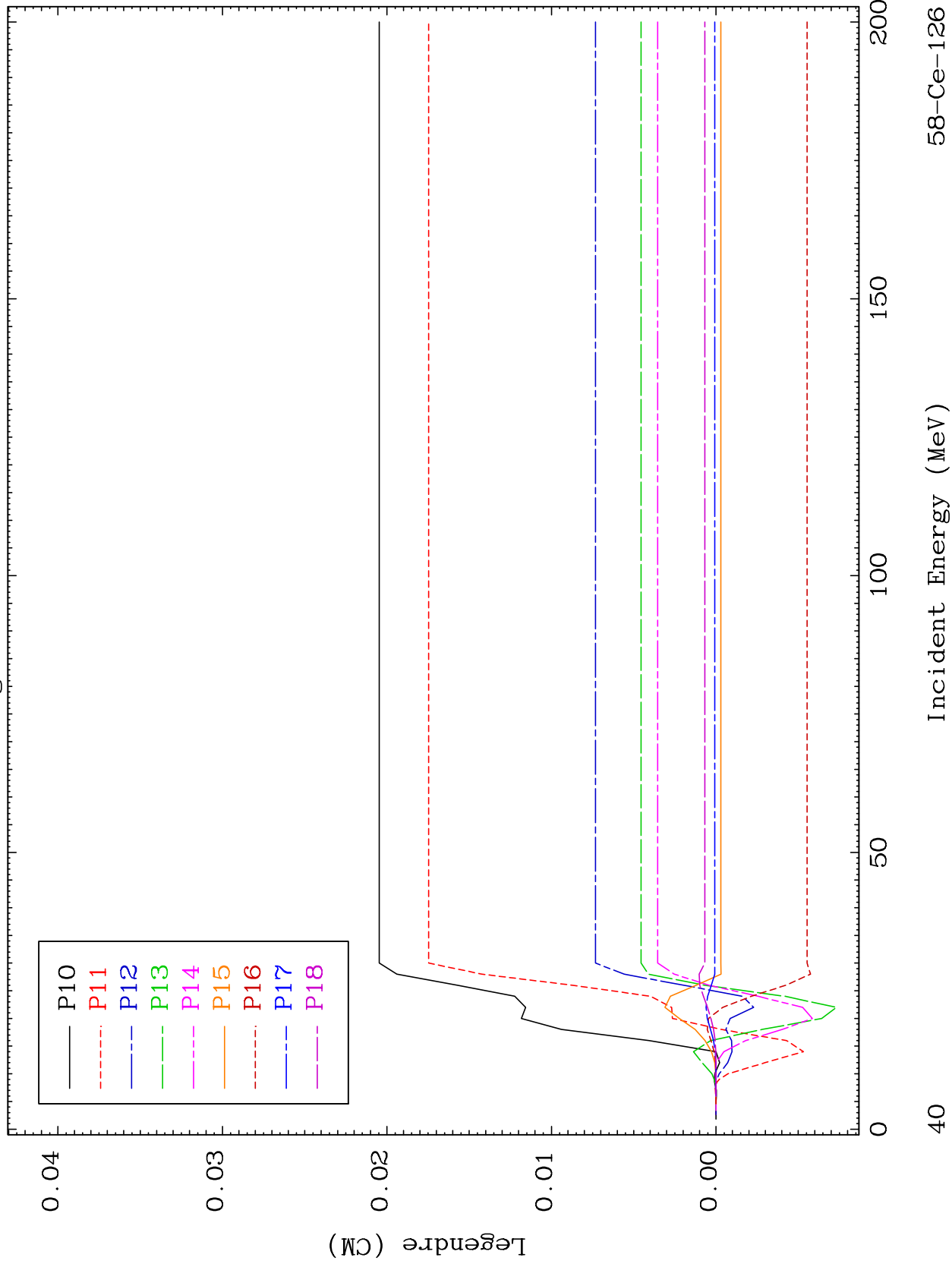




MAT 5795

1.337 MeV (n,n') Level  
Legendre Coefficients

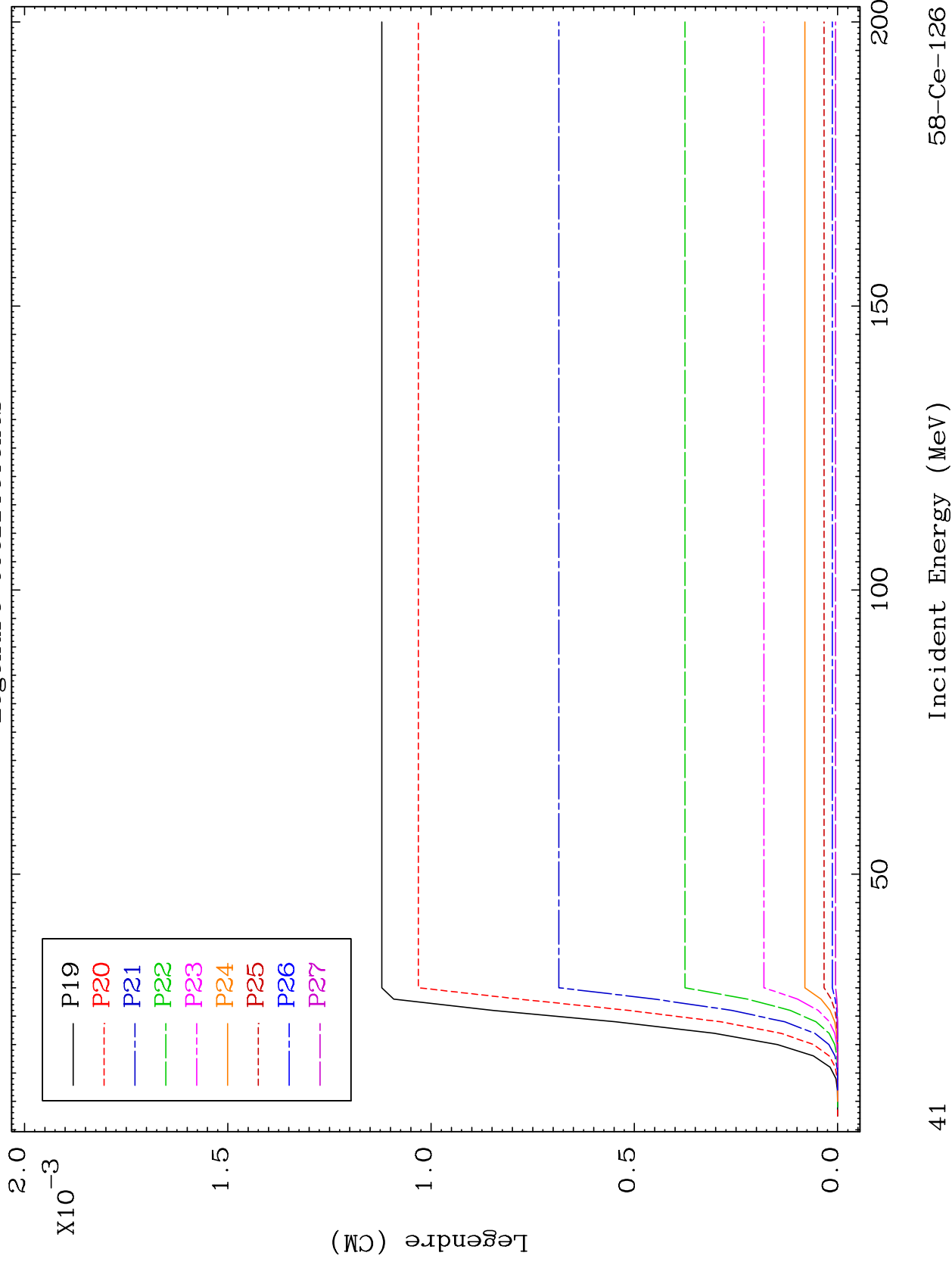
58-Ce-126



58-Ce-126

Incident Energy (MeV)

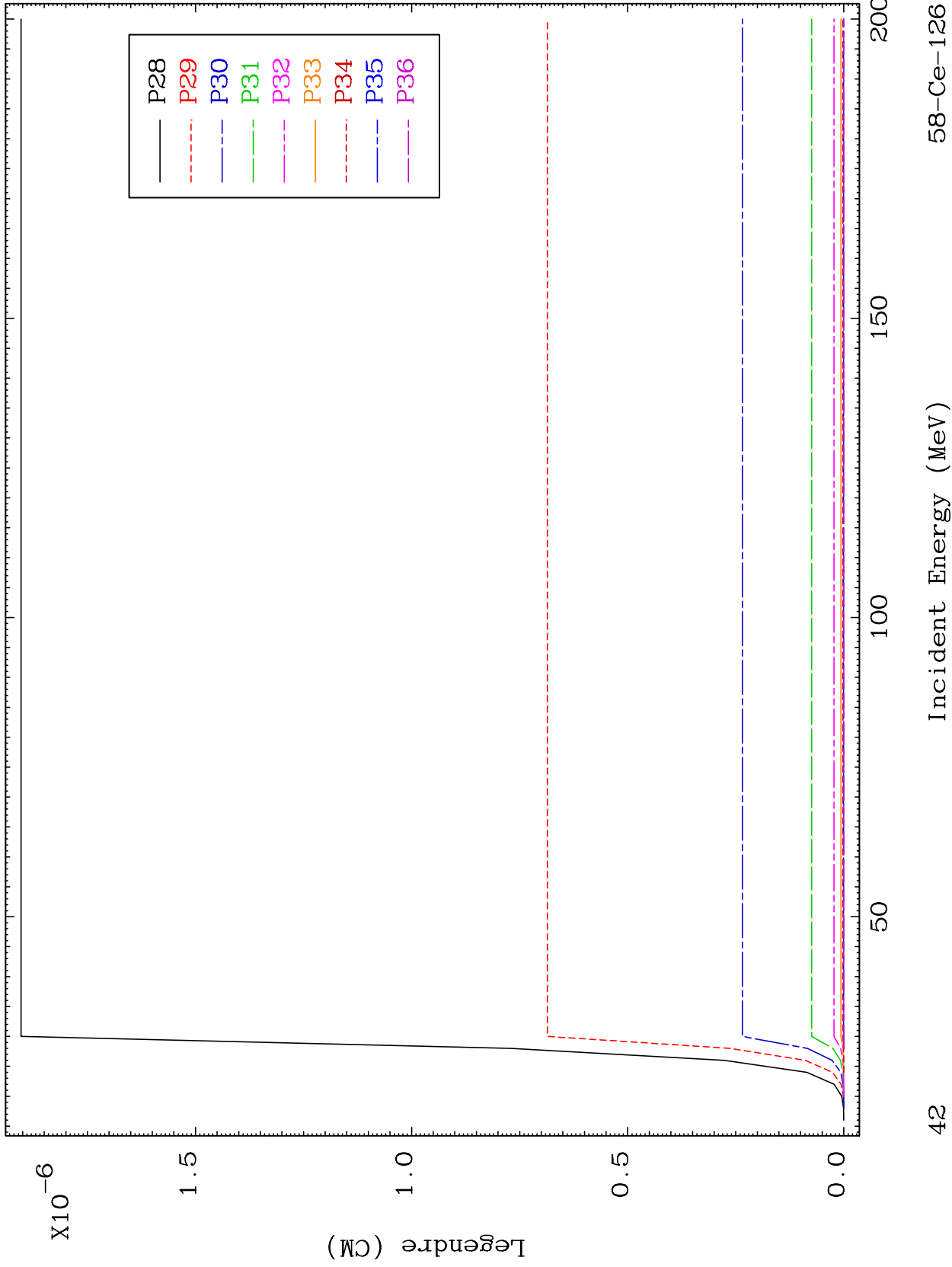
40



MAT 5795

1.337 MeV (n,n') Level  
Legendre Coefficients

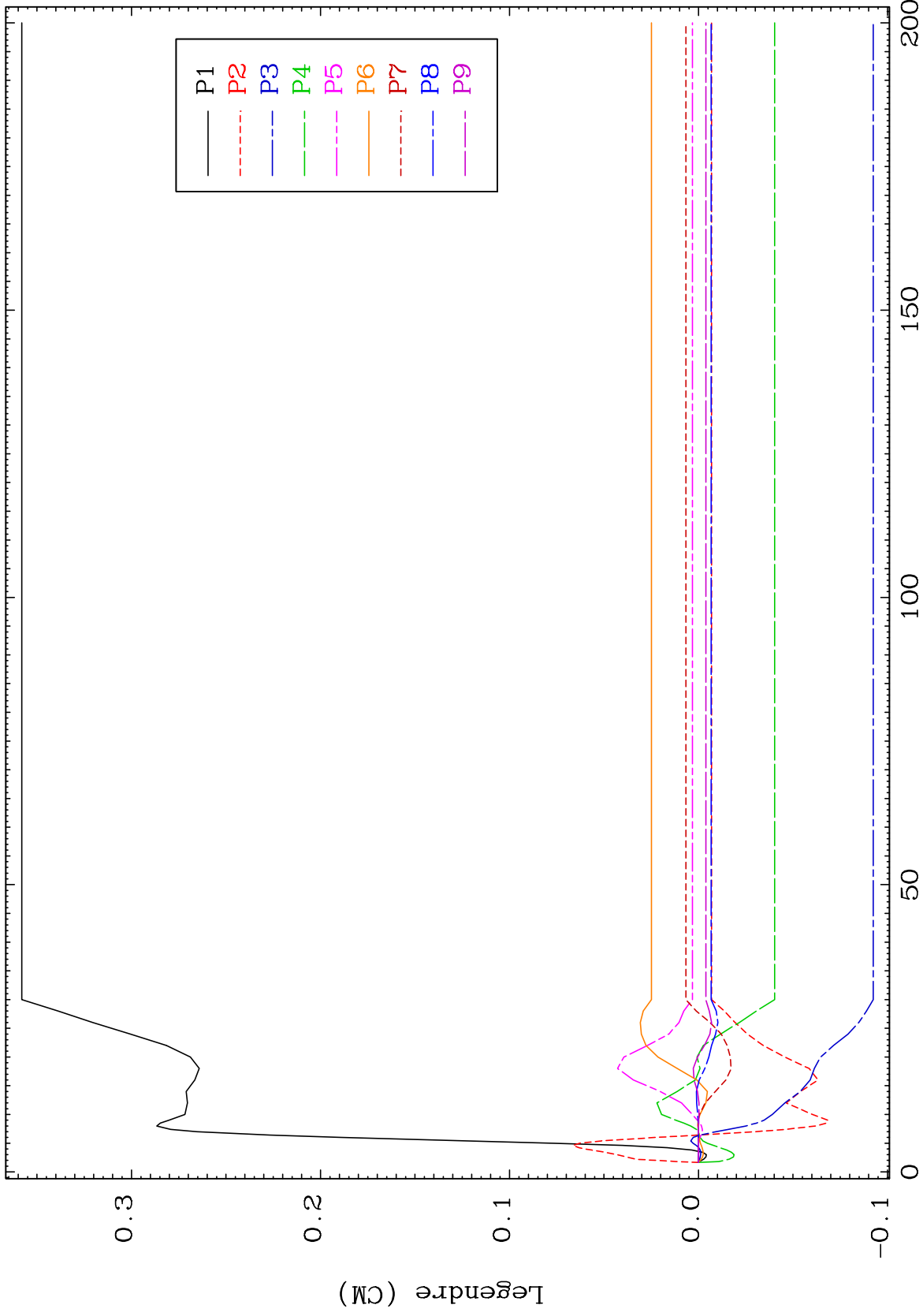
58-Ce-126



MAT 5795

1.625 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



43

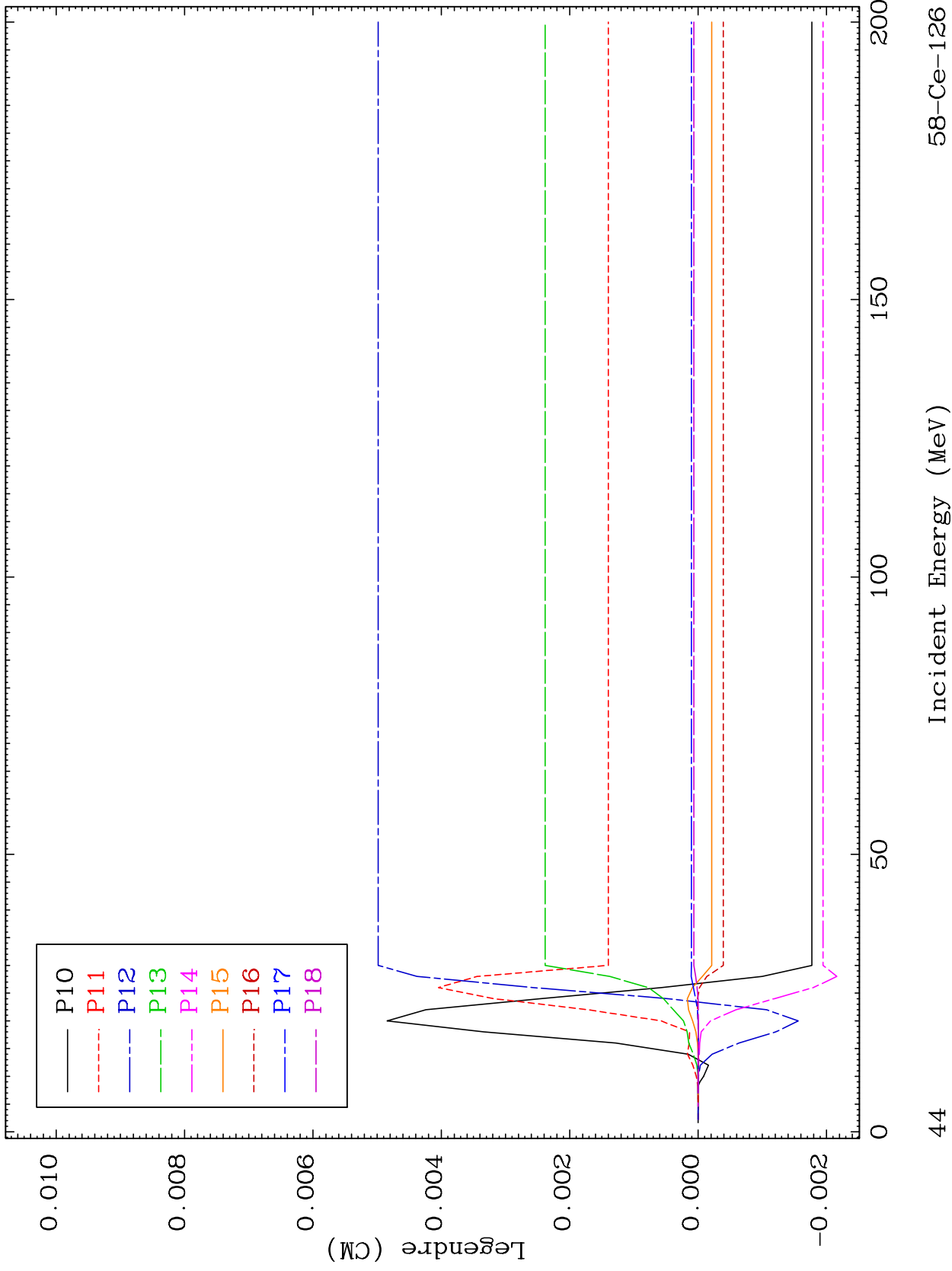
Incident Energy (MeV)

58-Ce-126

MAT 5795

1.625 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126

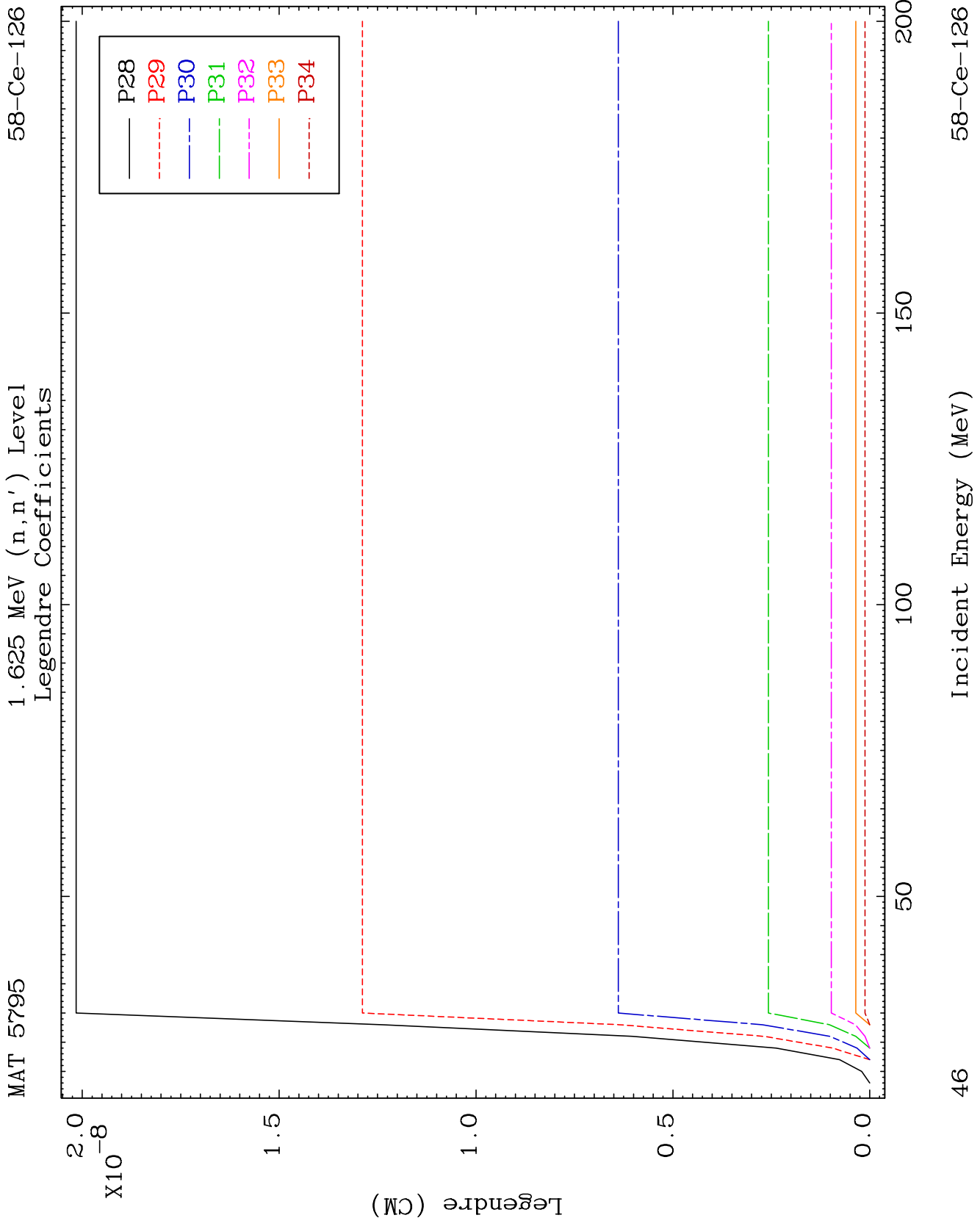


44

Incident Energy (MeV)

58-Ce-126

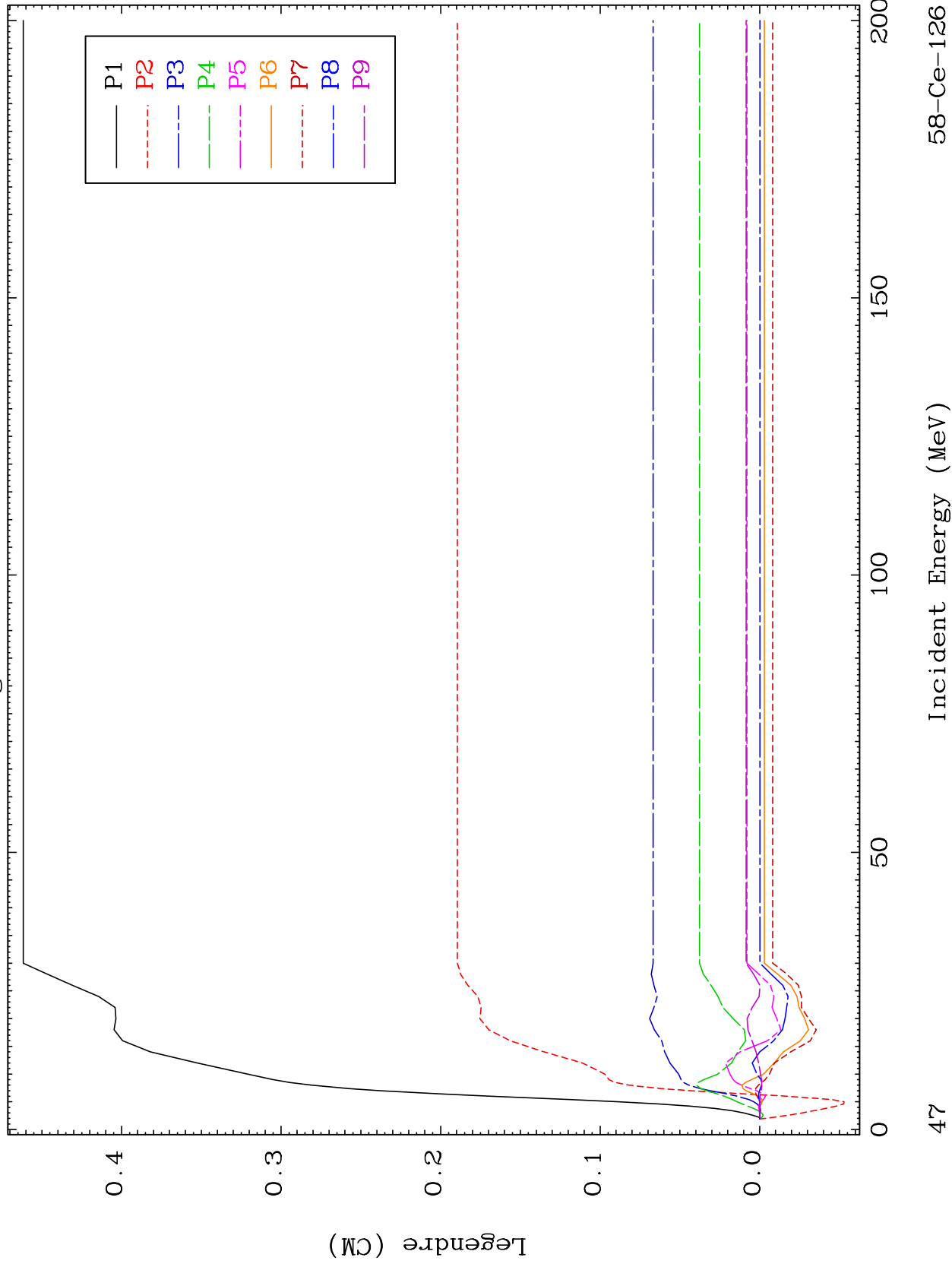




MAT 5795

1.877 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



58-Ce-126

Incident Energy (MeV)

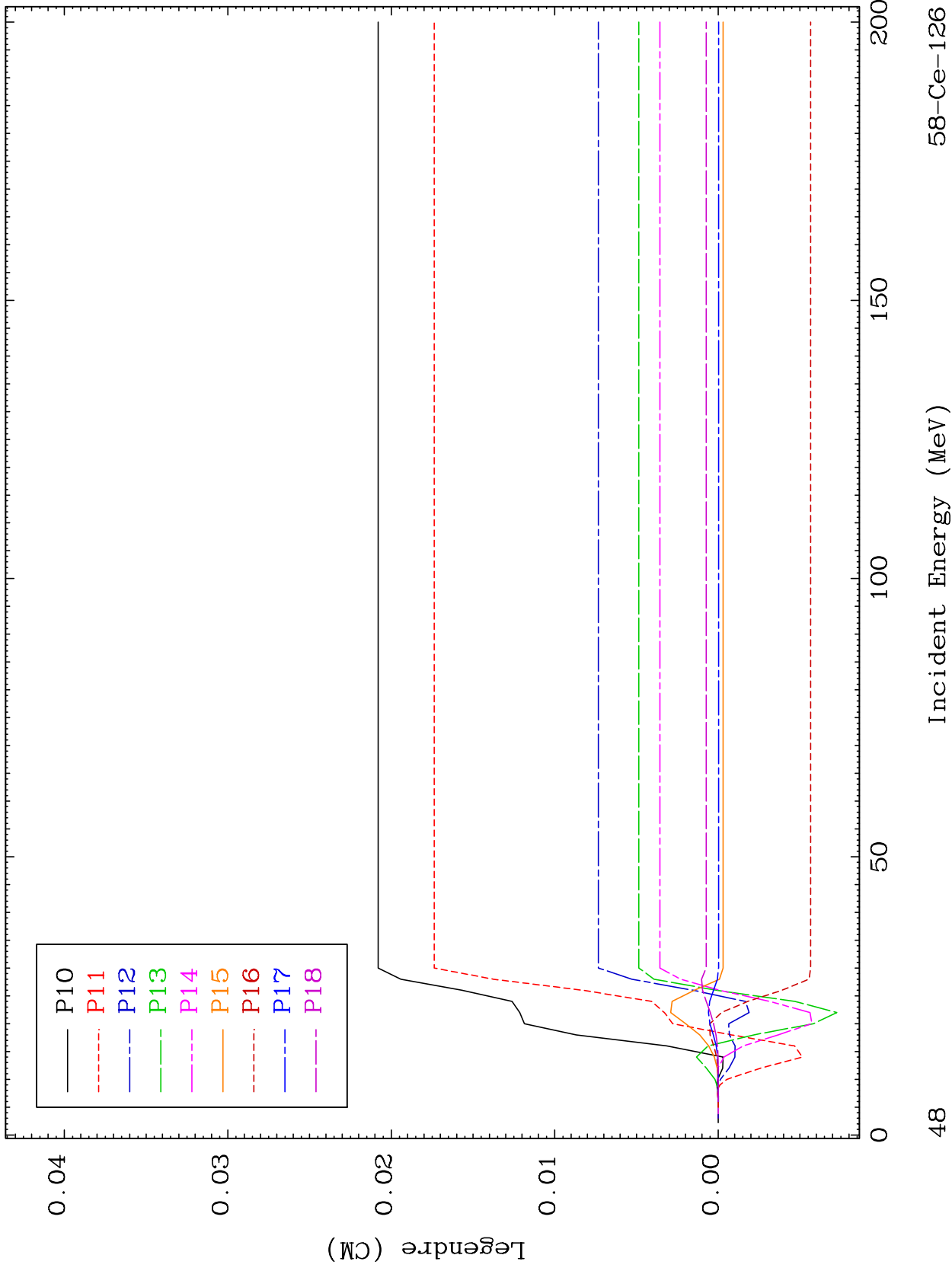
47



MAT 5795

1.877 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



58-Ce-126

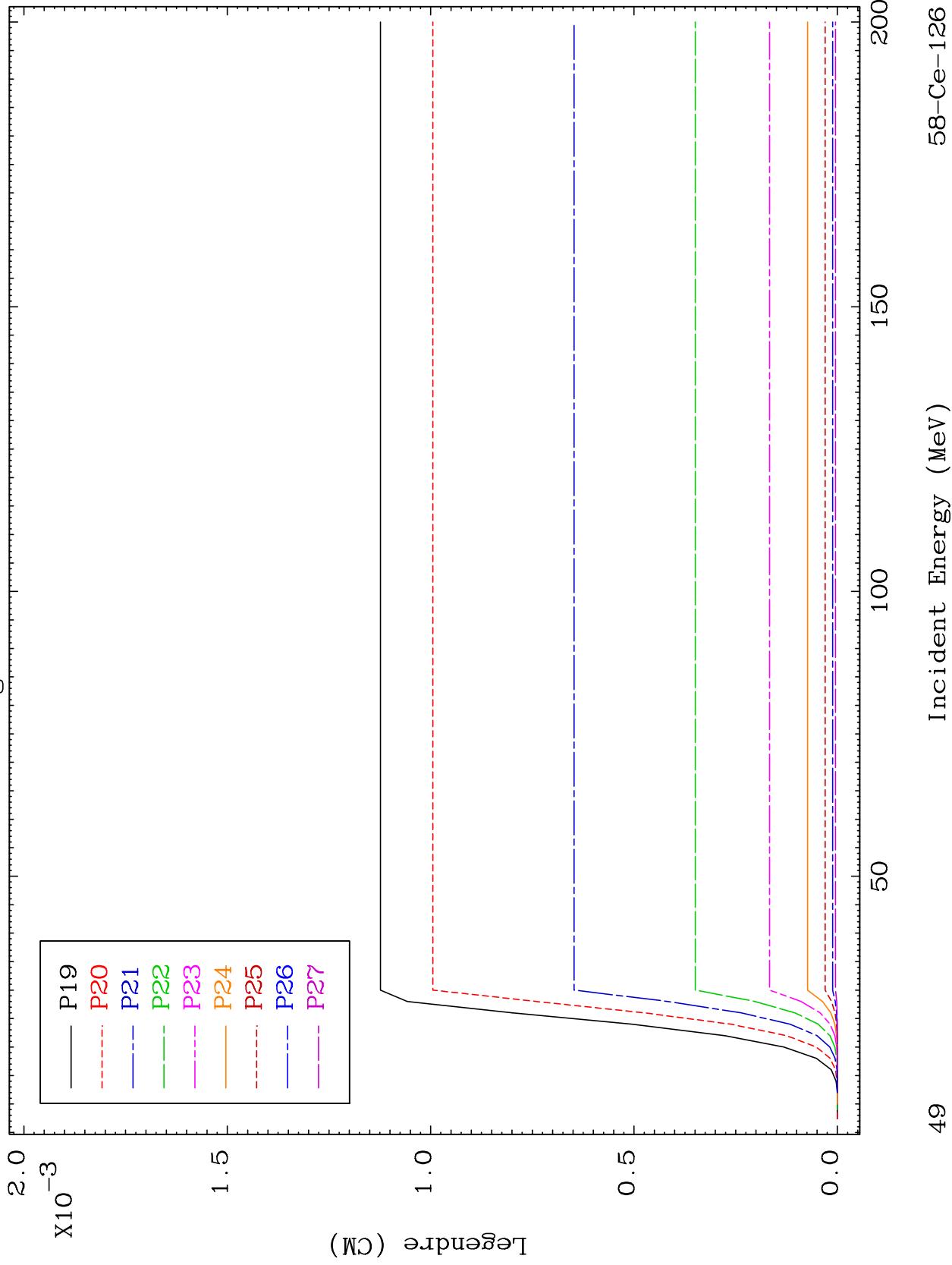
Incident Energy (MeV)

48

MAT 5795

1.877 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



49

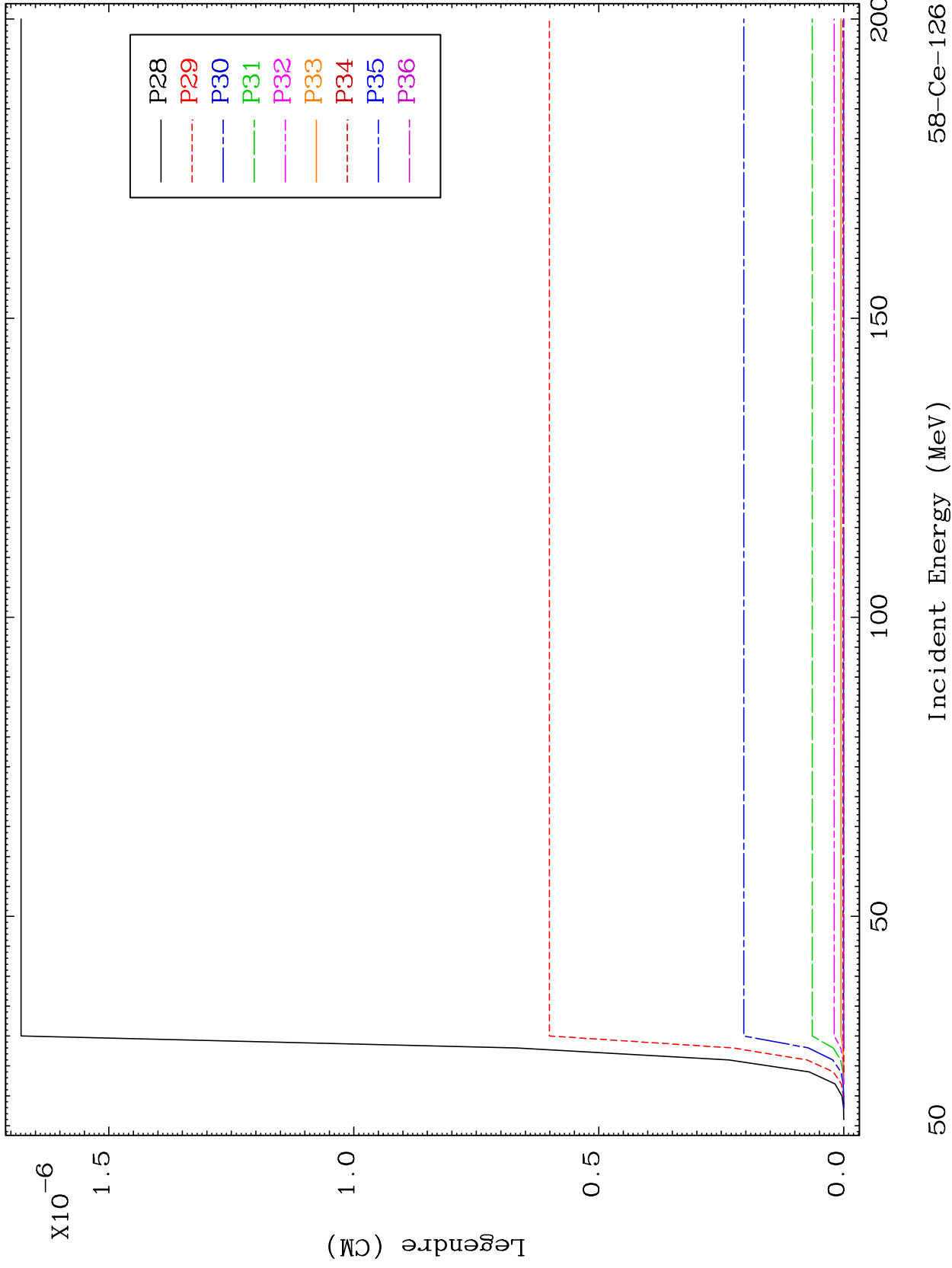
Incident Energy (MeV)

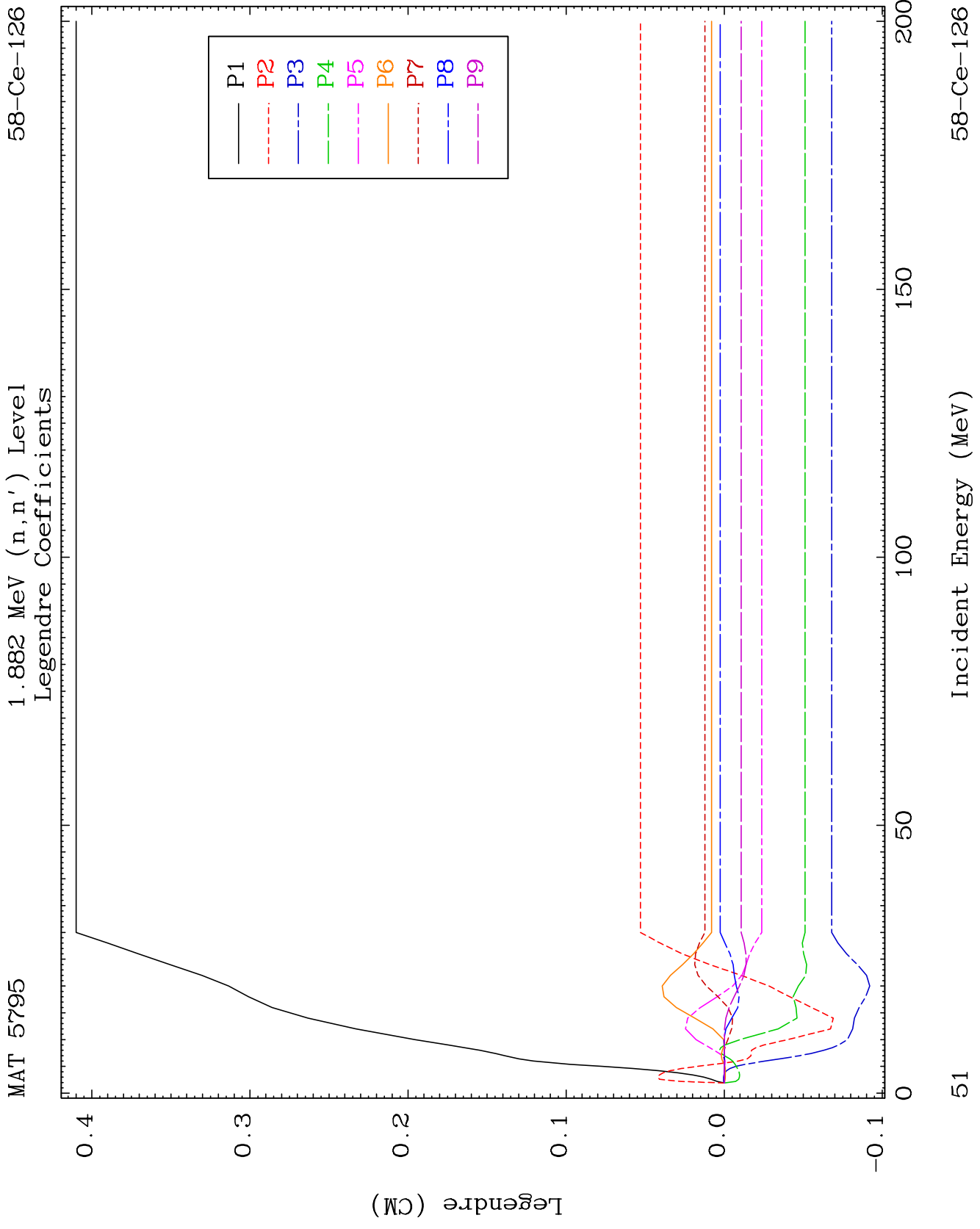
58-Ce-126

MAT 5795

1.877 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126

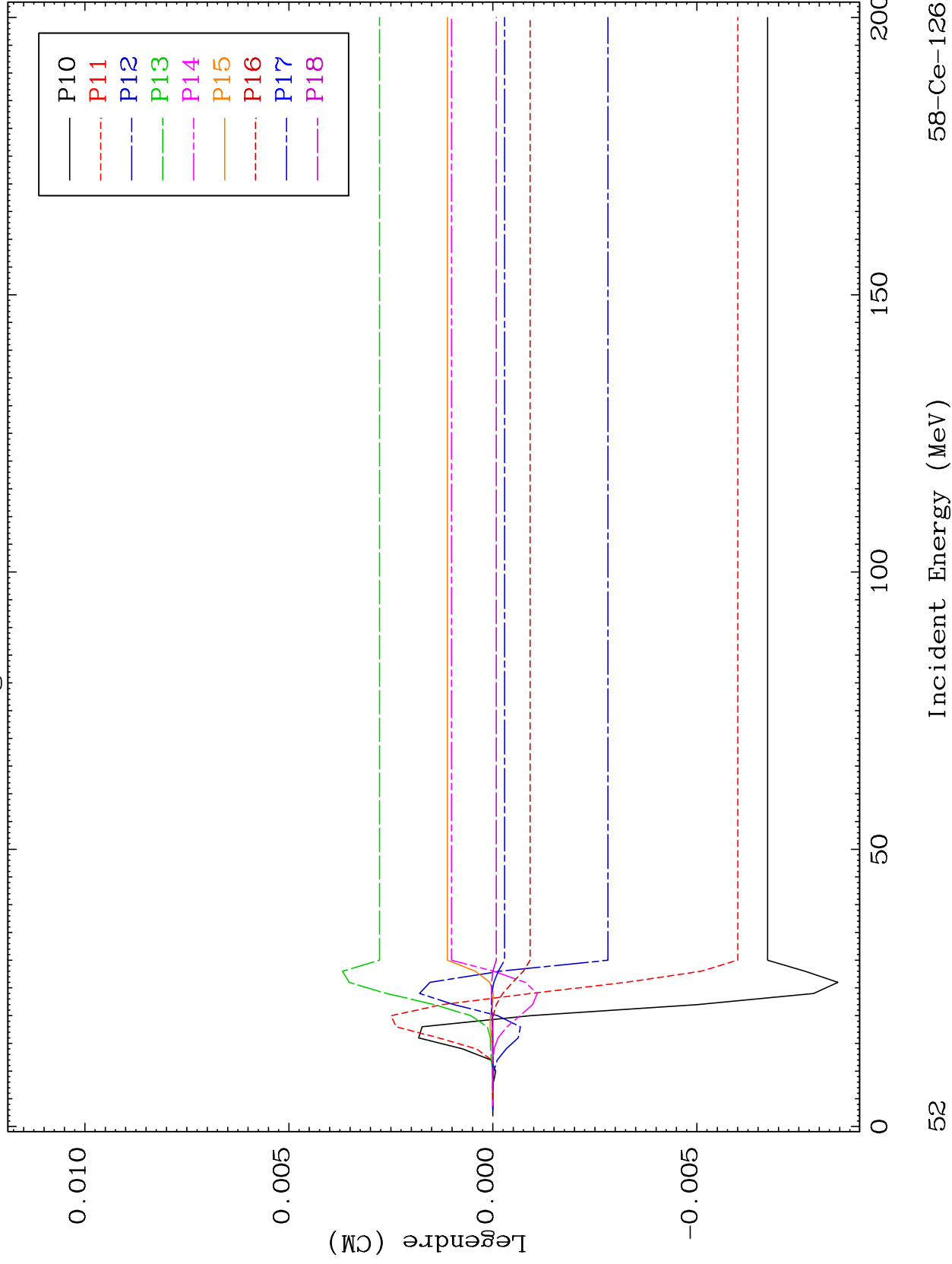




MAT 5795

1.882 MeV (n,n') Level  
Legendre Coefficients

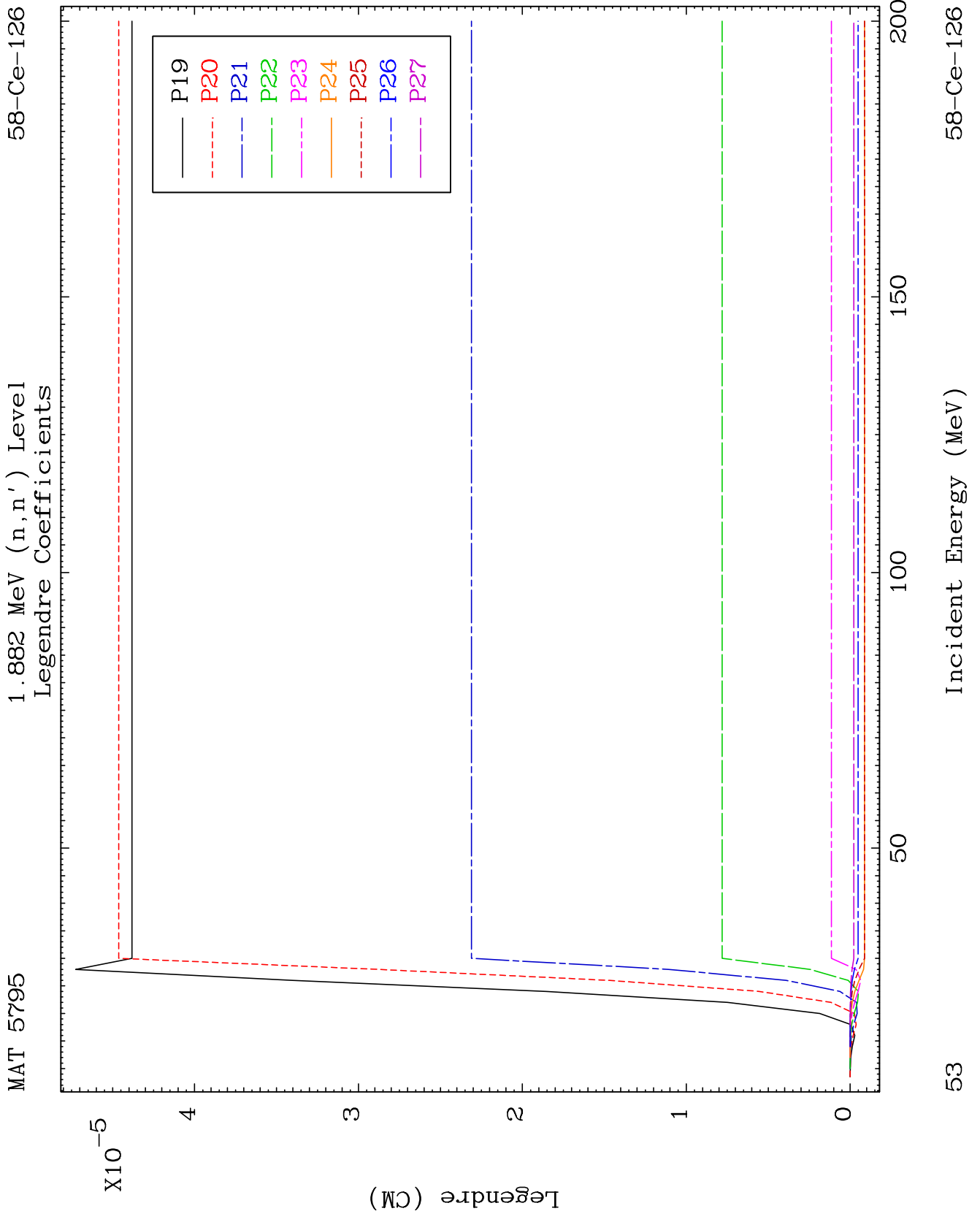
58-Ce-126

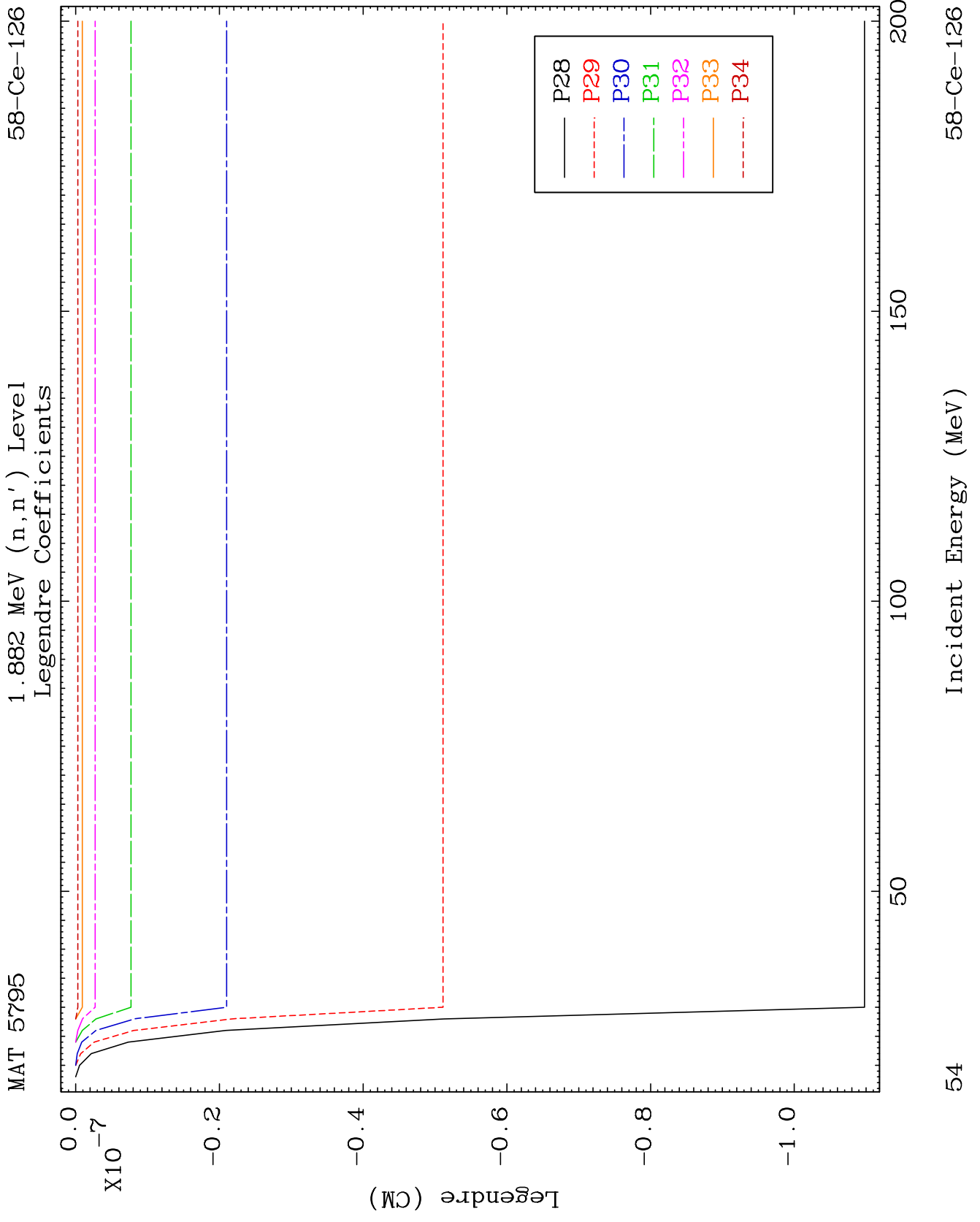


52

Incident Energy (MeV)

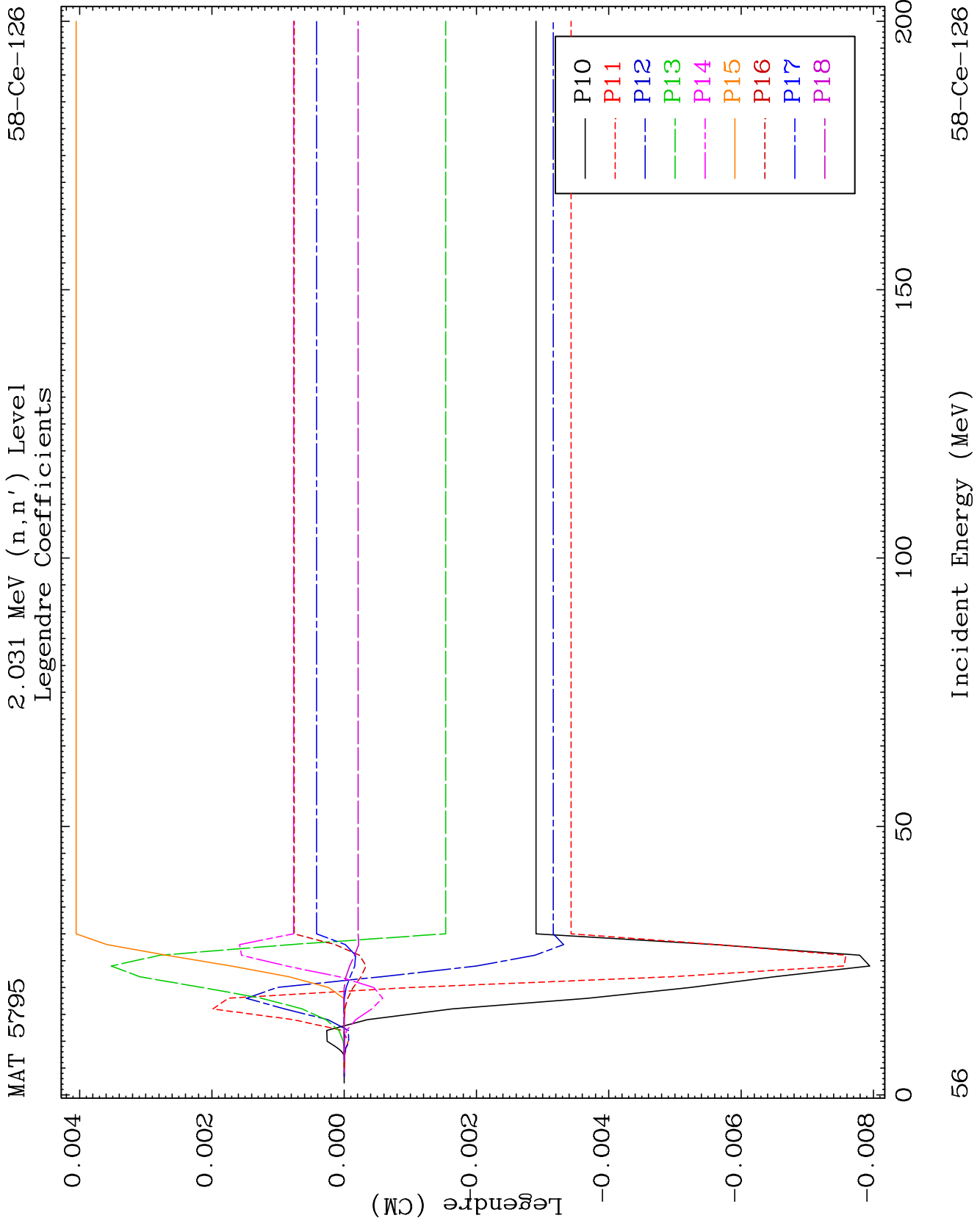
58-Ce-126

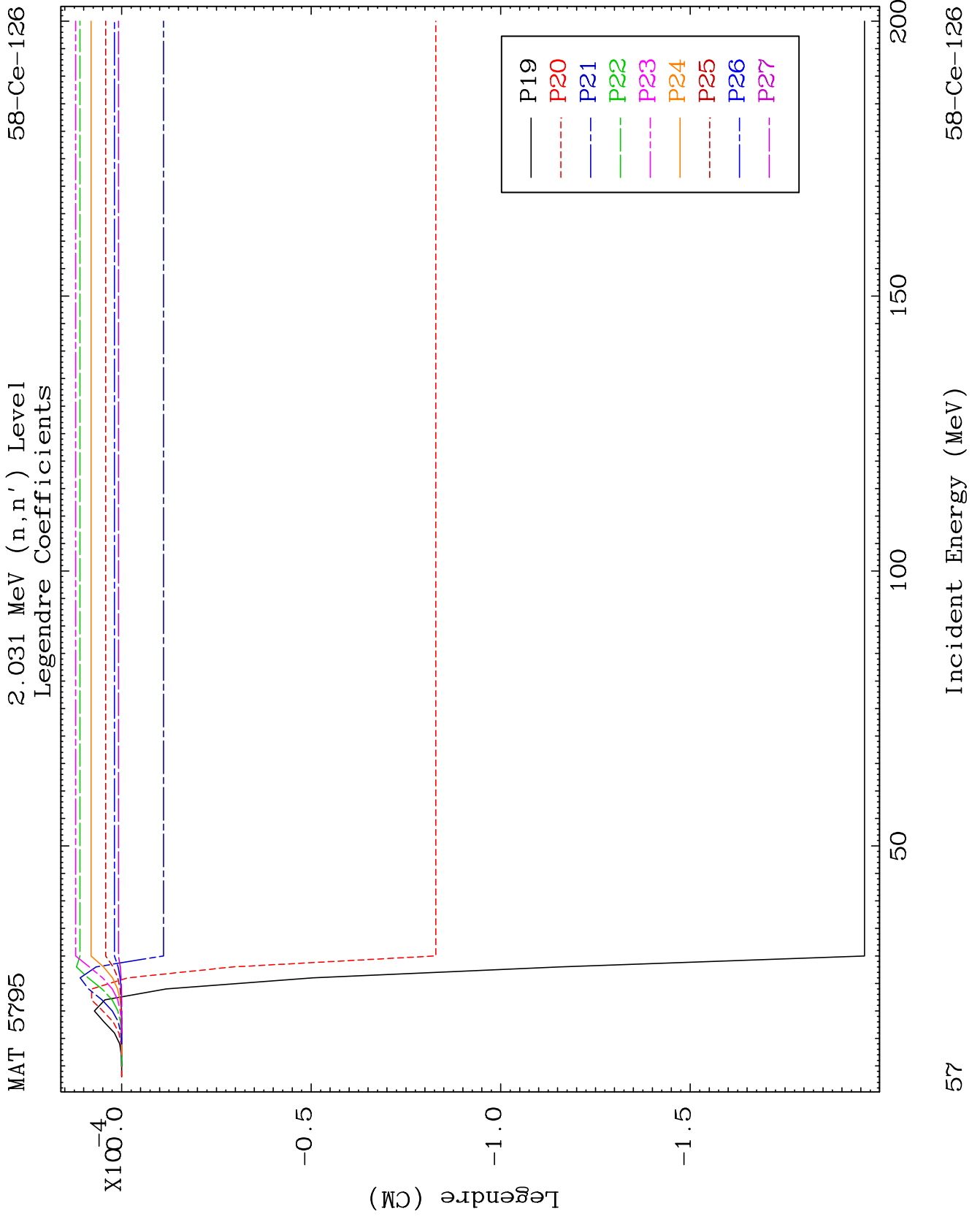








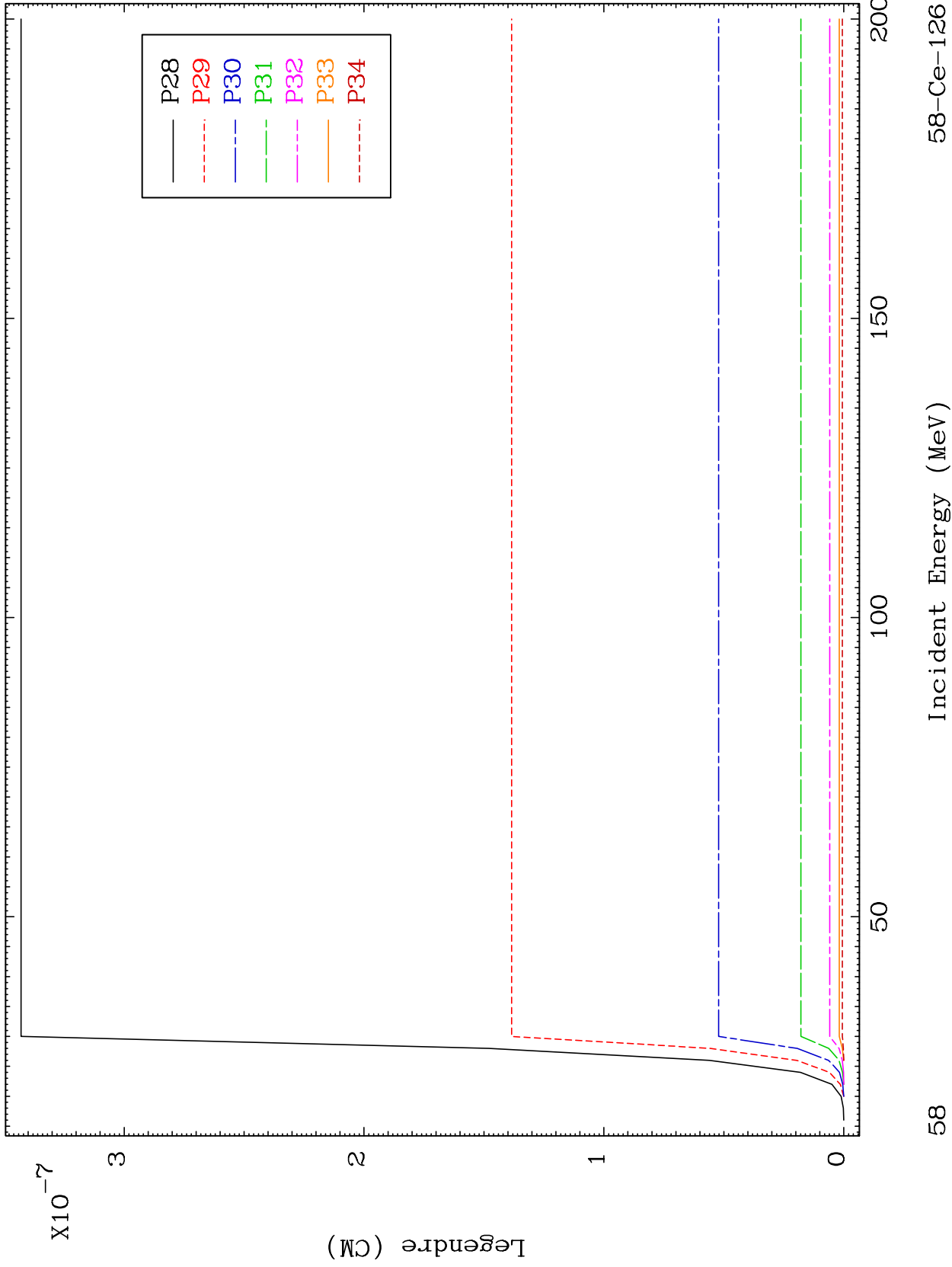


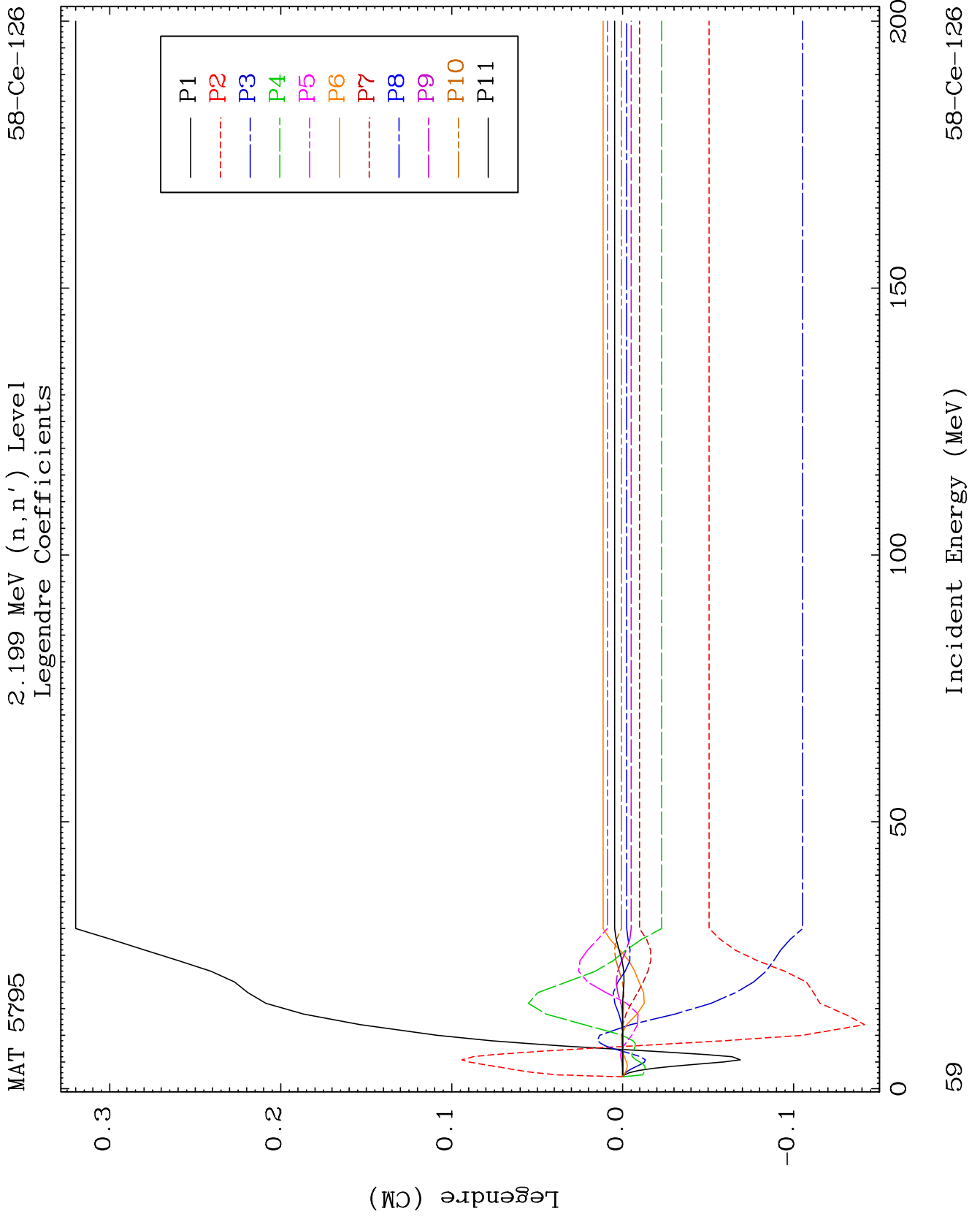


MAT 5795

2.031 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126

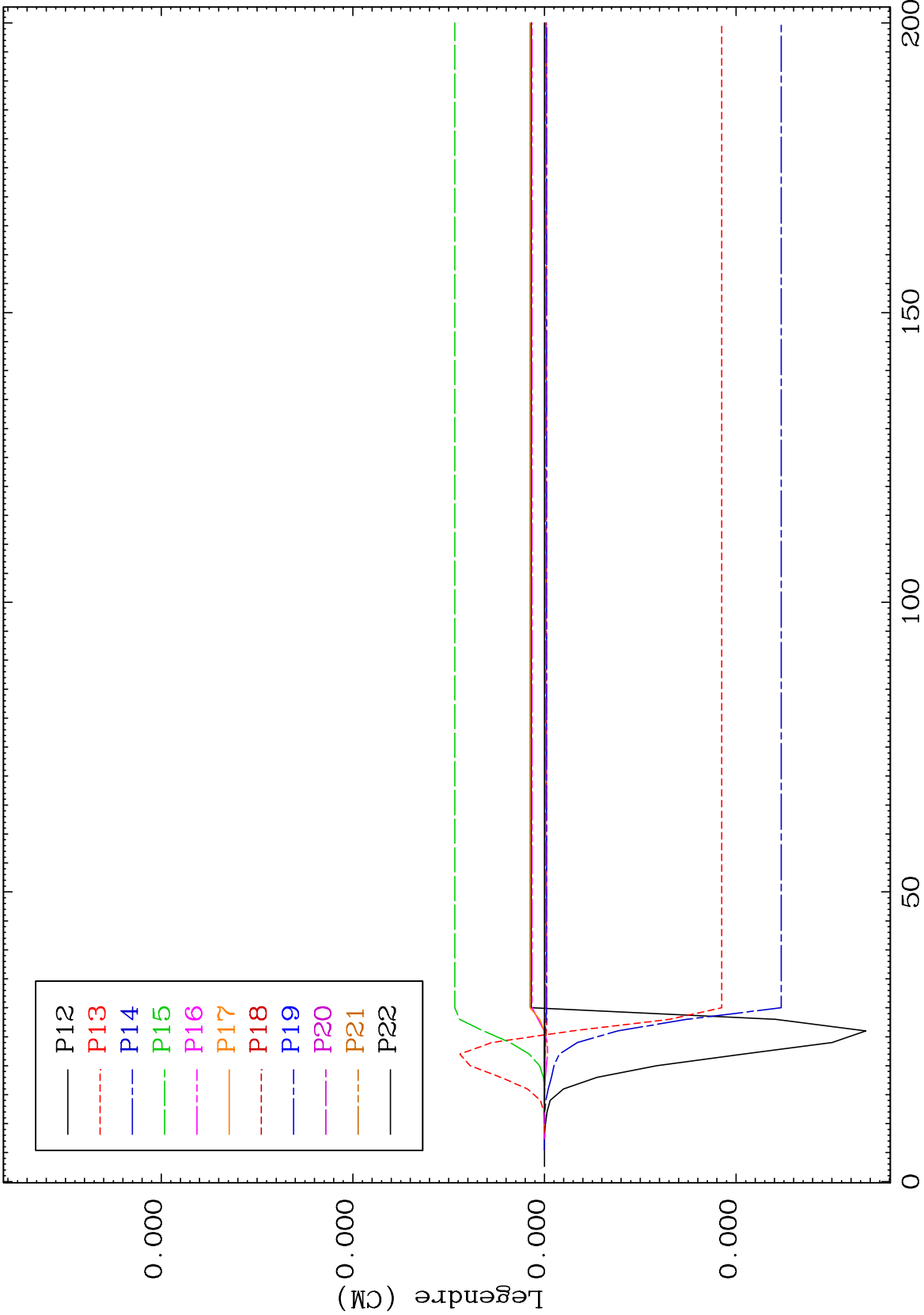




MAT 5795

2.199 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



60

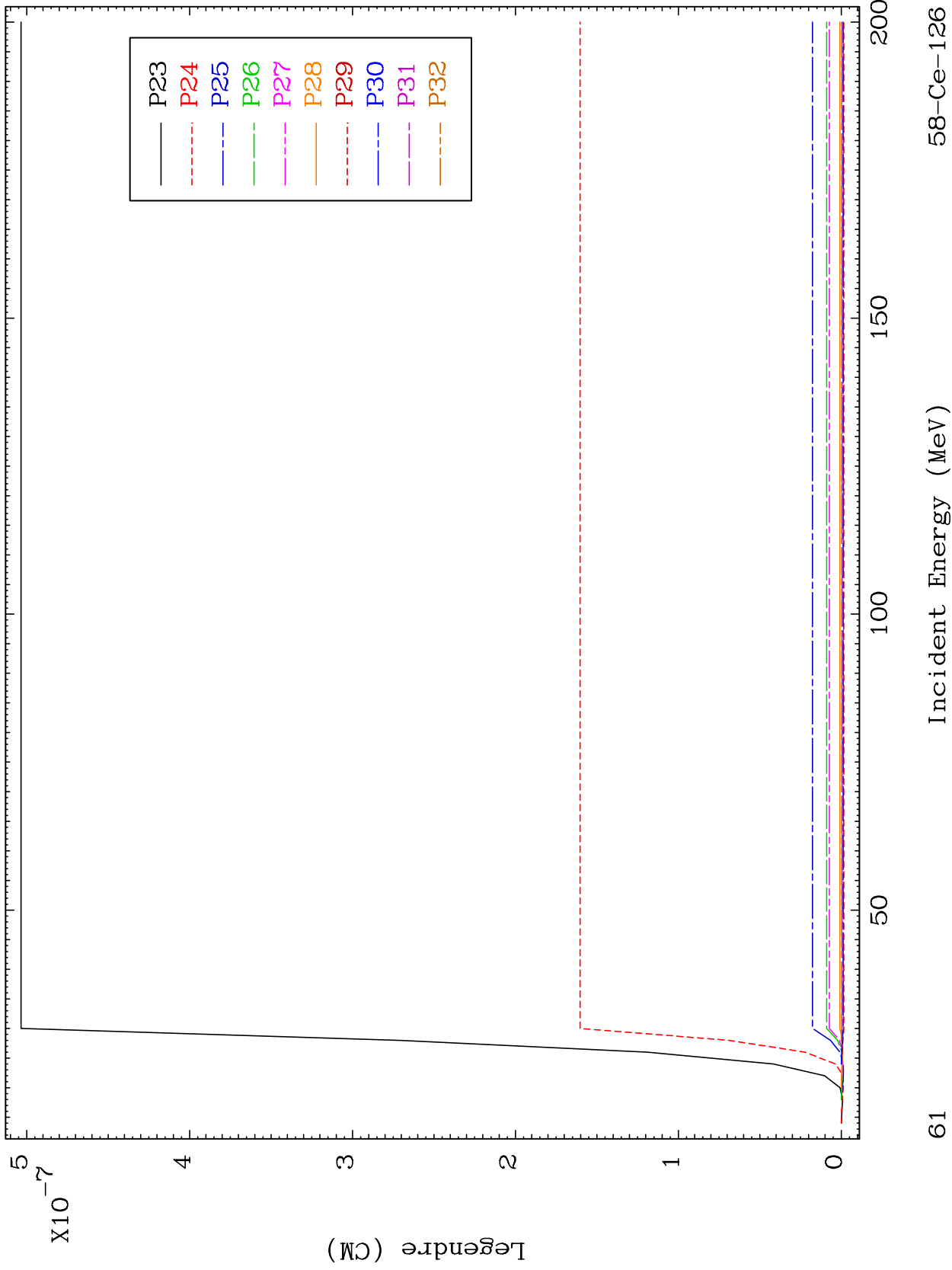
Incident Energy (MeV)

58-Ce-126

MAT 5795

2.199 MeV (n,n') Level  
Legendre Coefficients

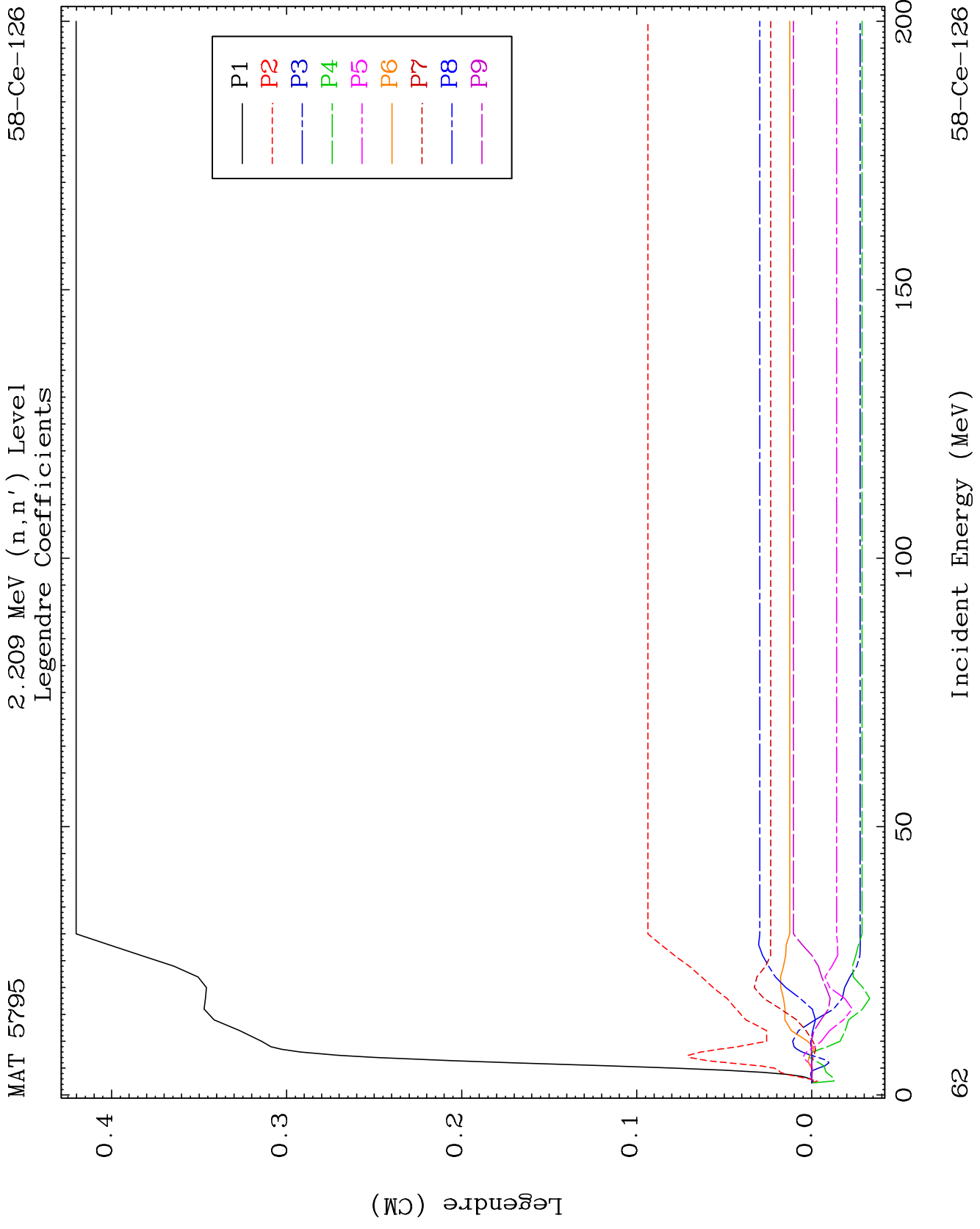
58-Ce-126

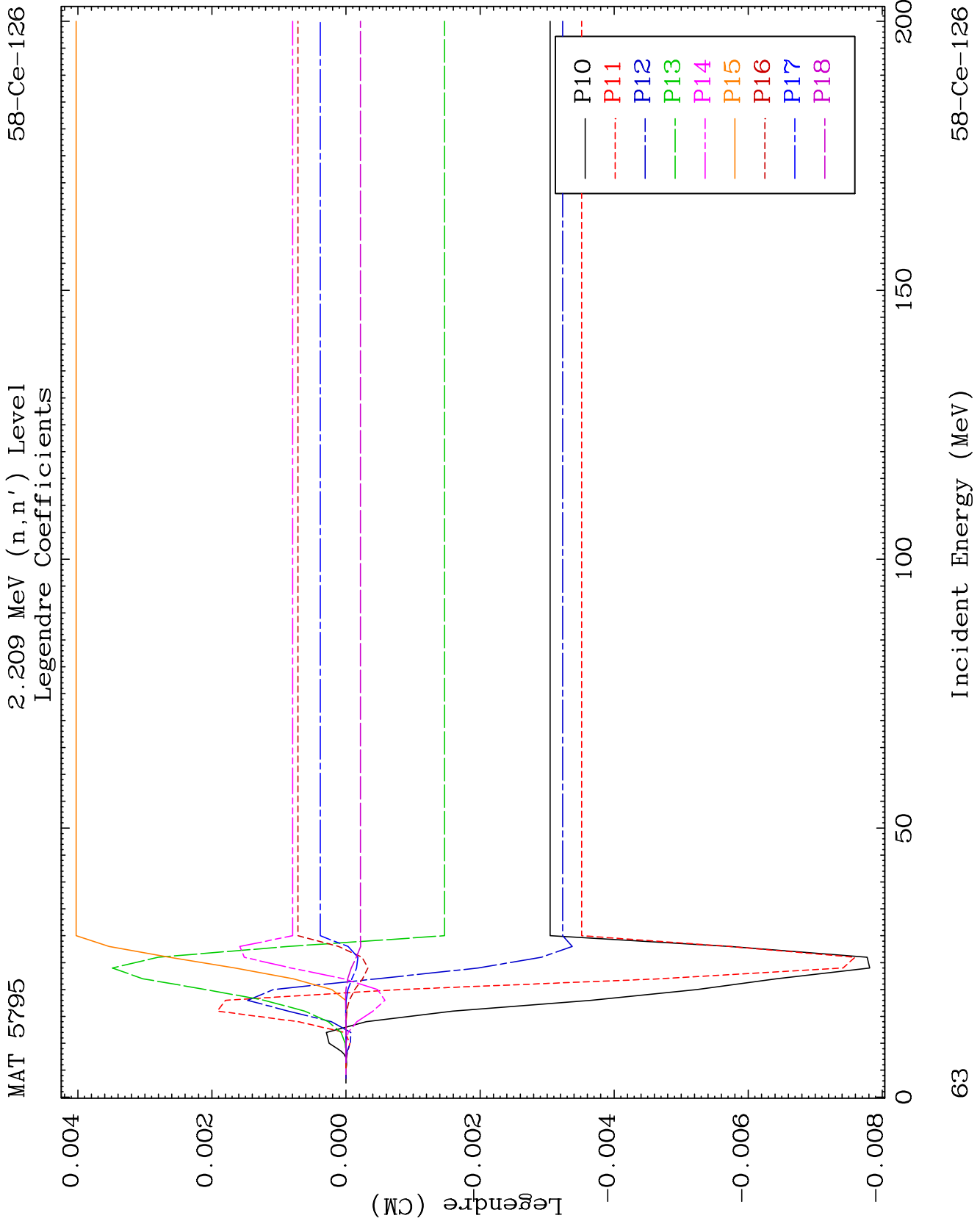


61

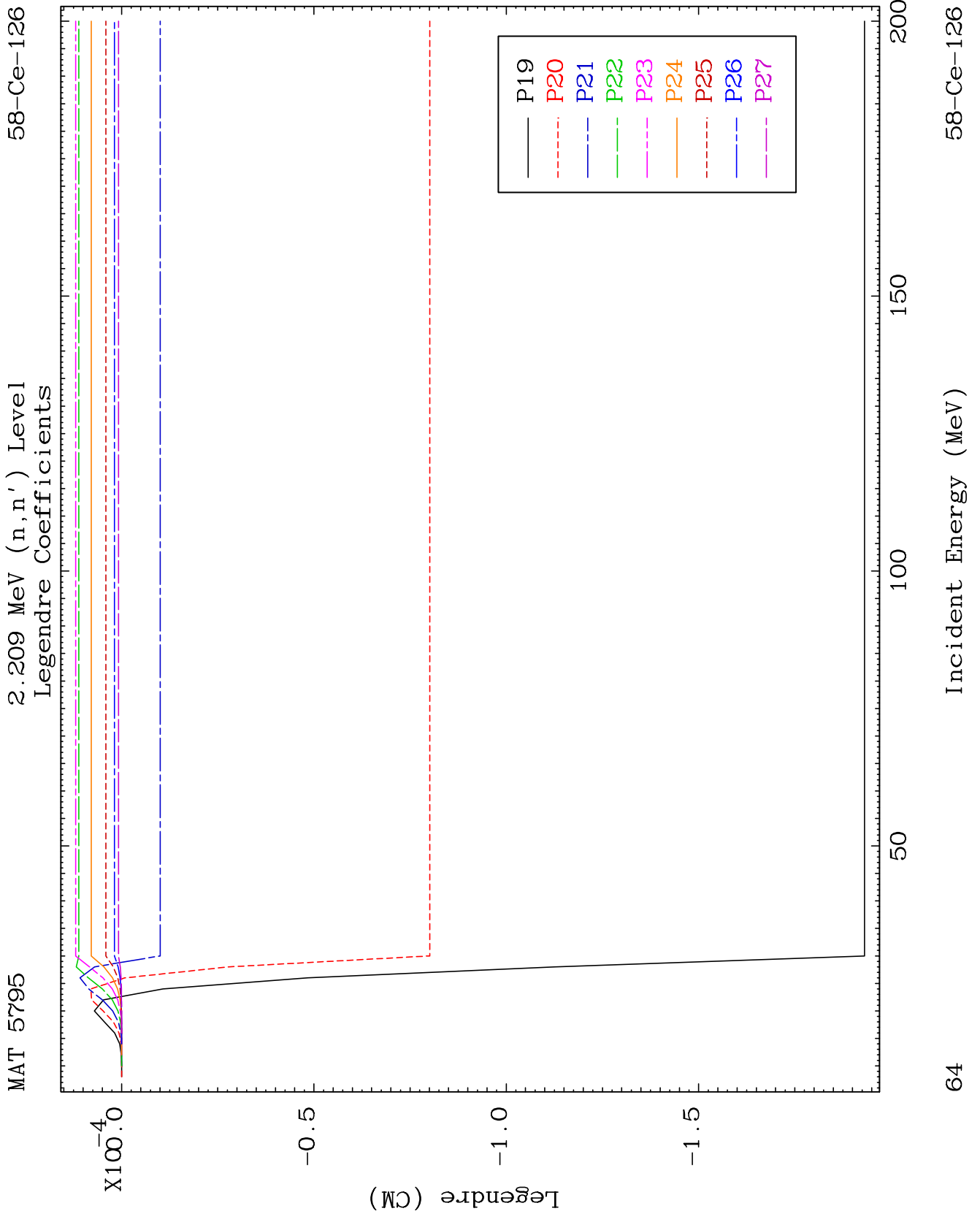
Incident Energy (MeV)

58-Ce-126







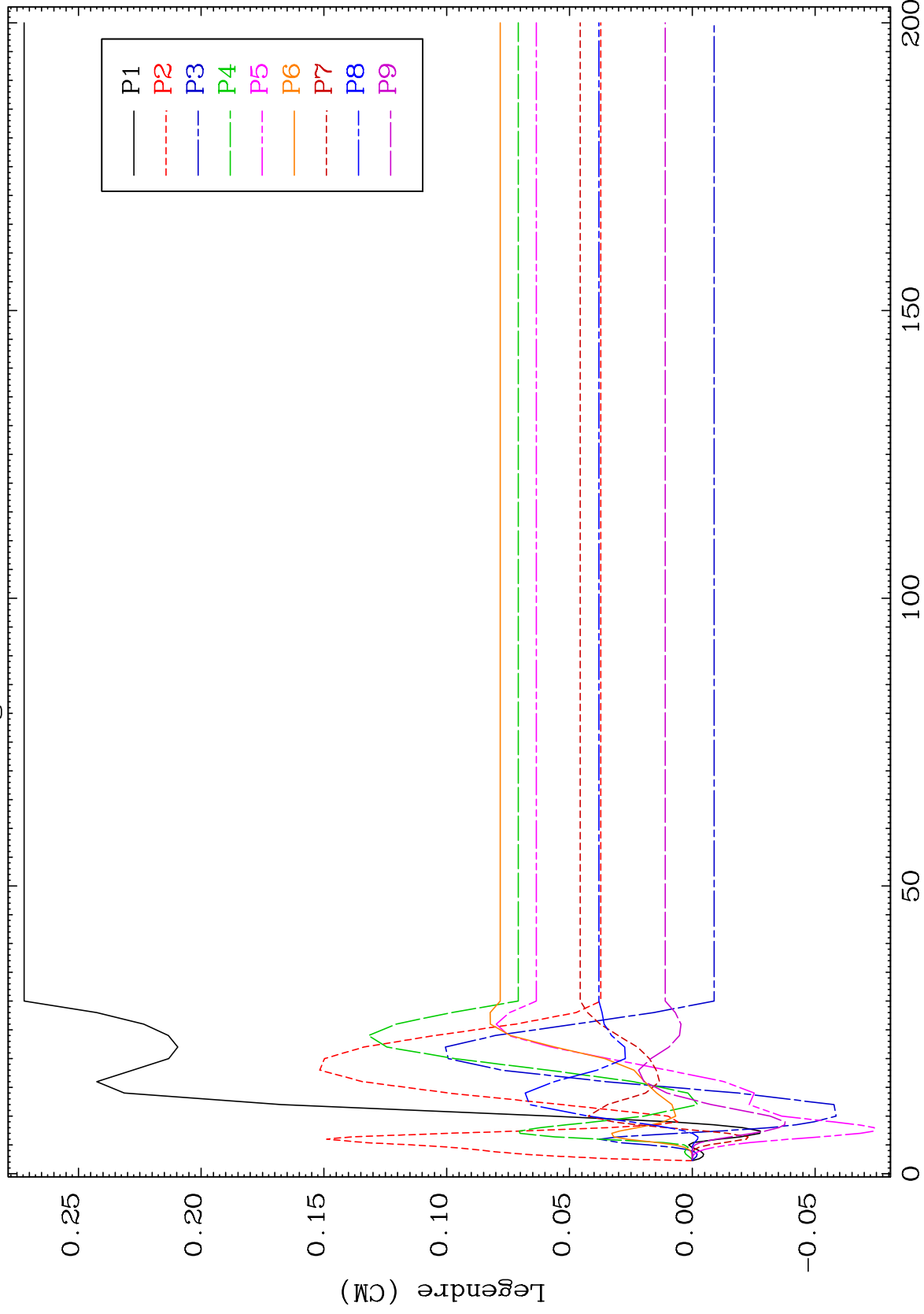




MAT 5795

2.231 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



66

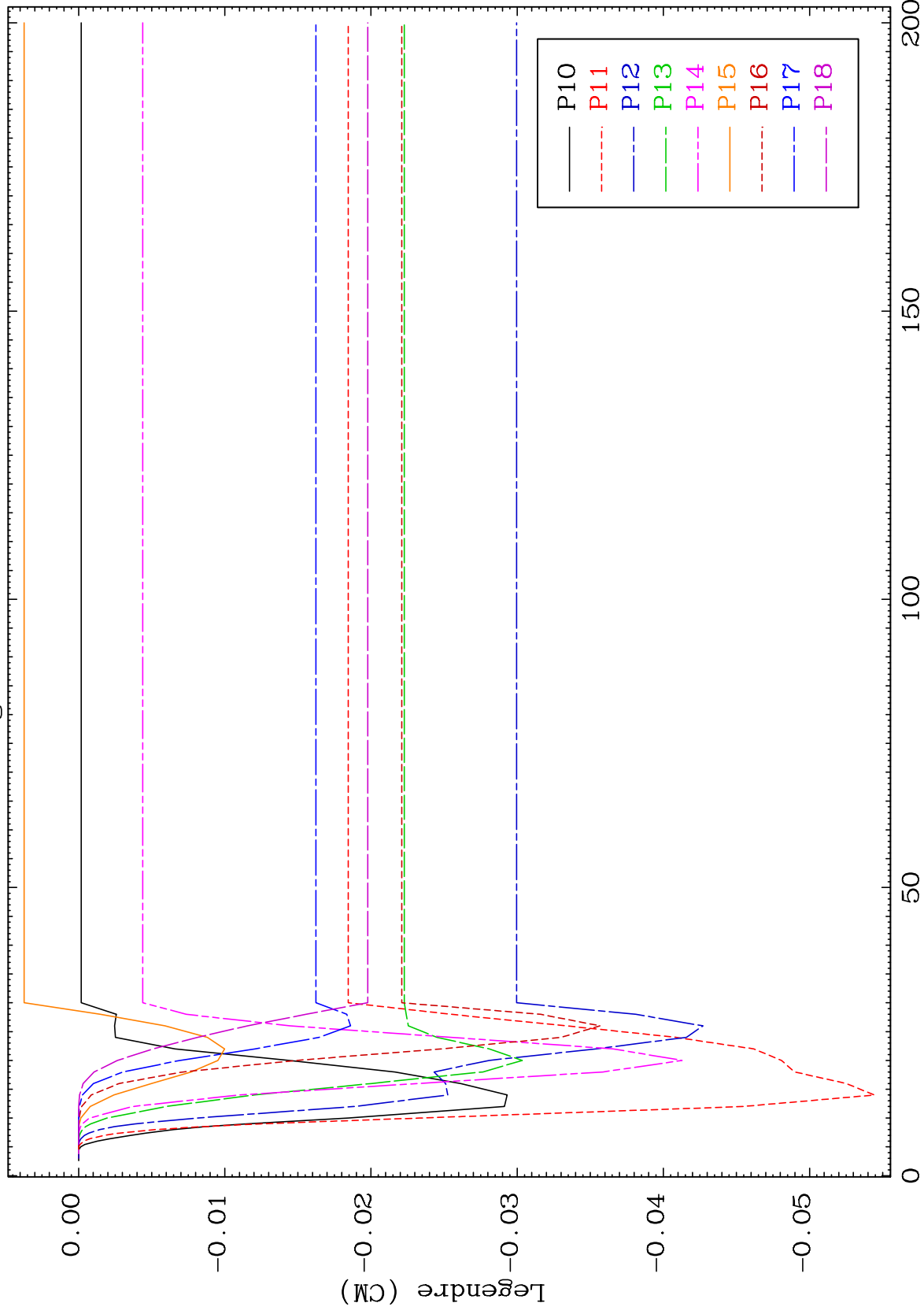
Incident Energy (MeV)

58-Ce-126

MAT 5795

2.231 MeV (n,n') Level  
Legendre Coefficients

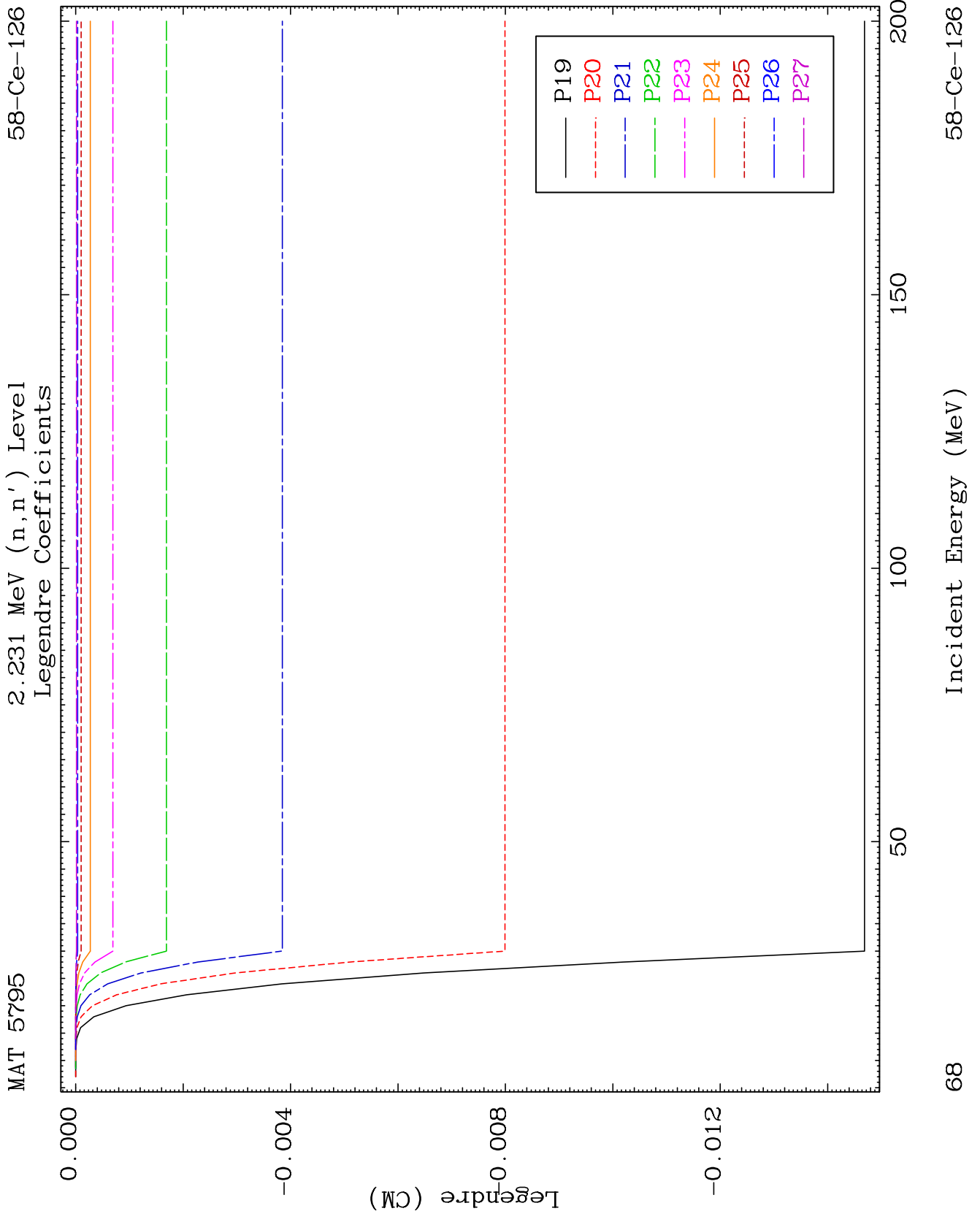
58-Ce-126

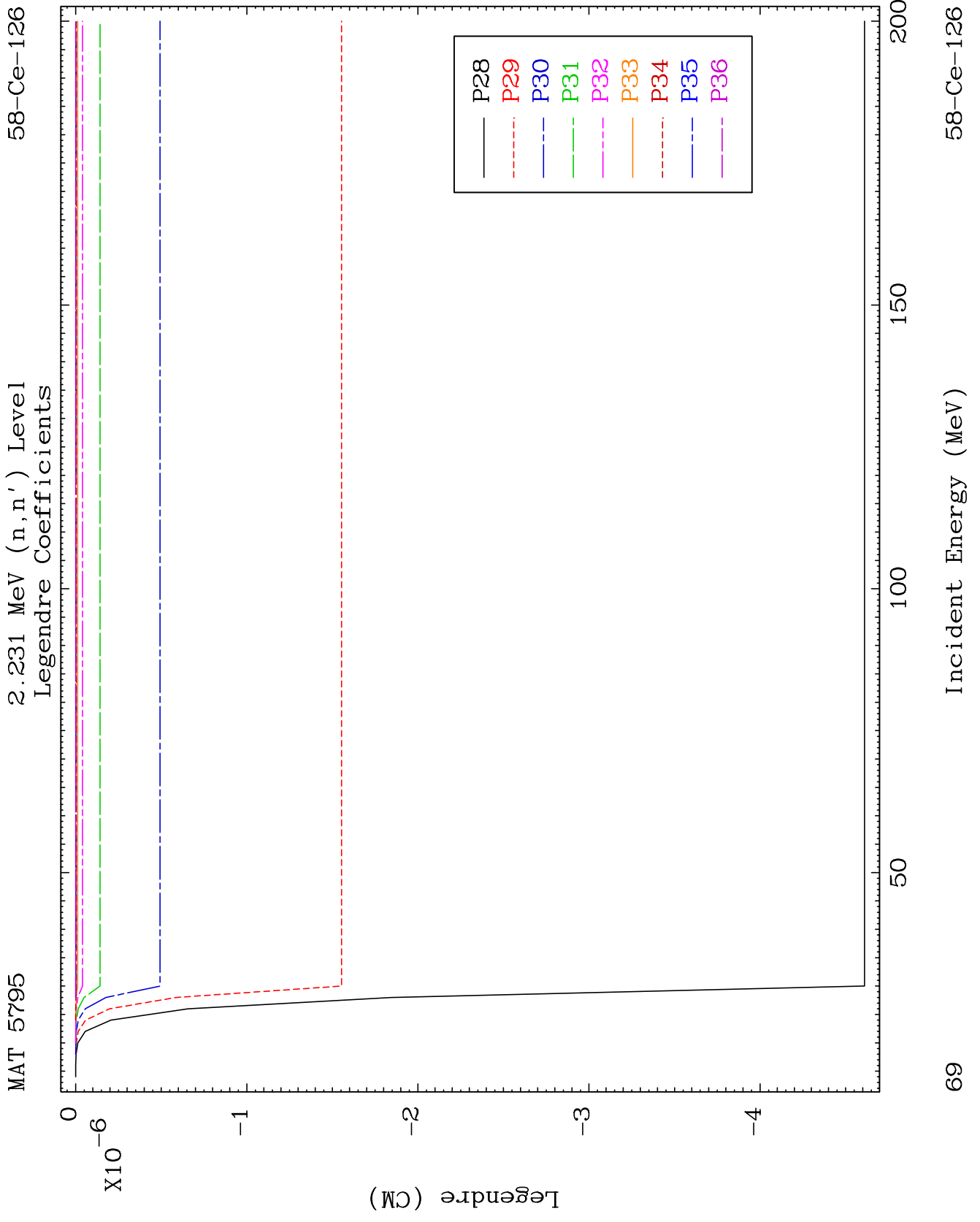


67

Incident Energy (MeV)

58-Ce-126

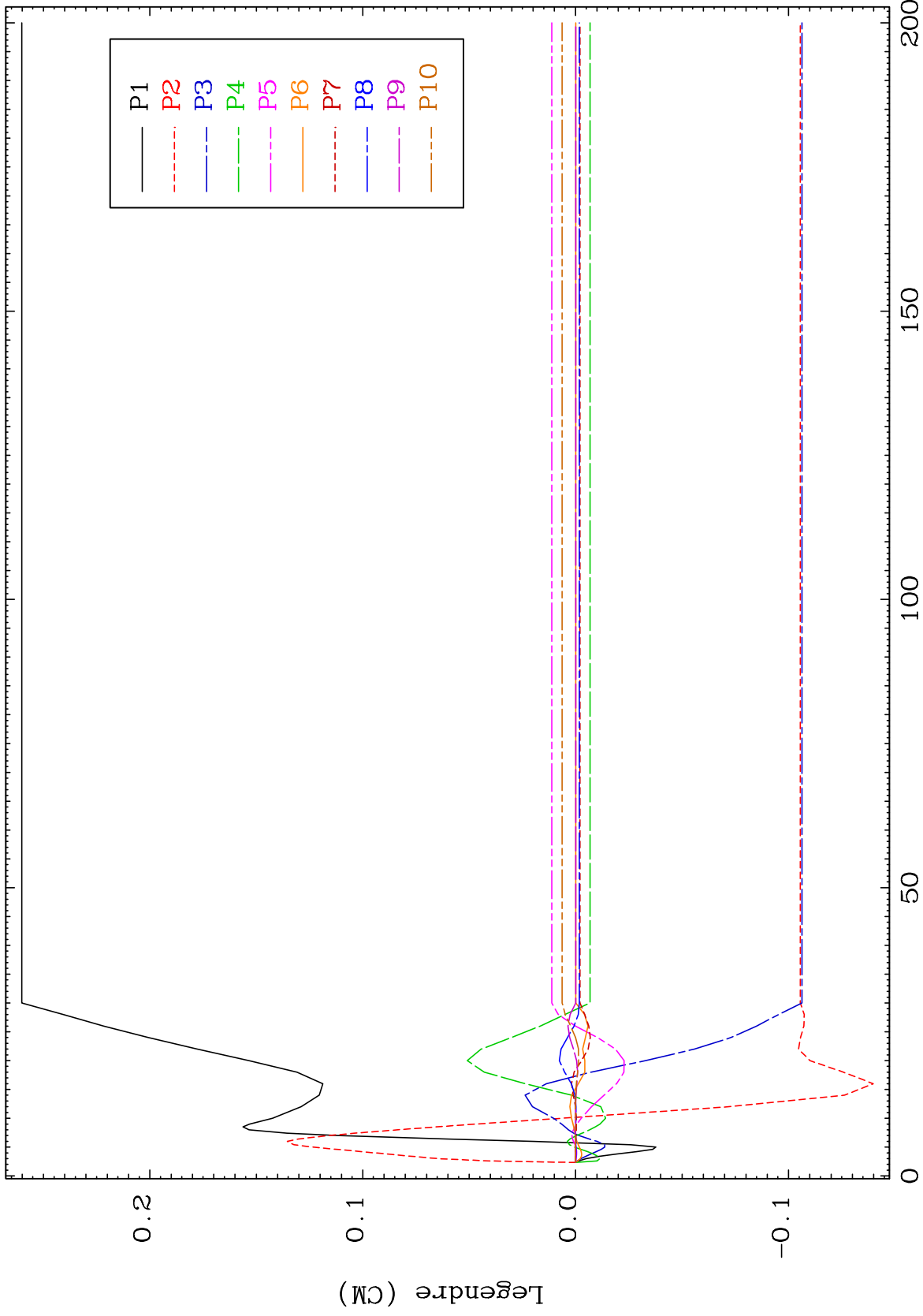




MAT 5795

2.313 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



58-Ce-126

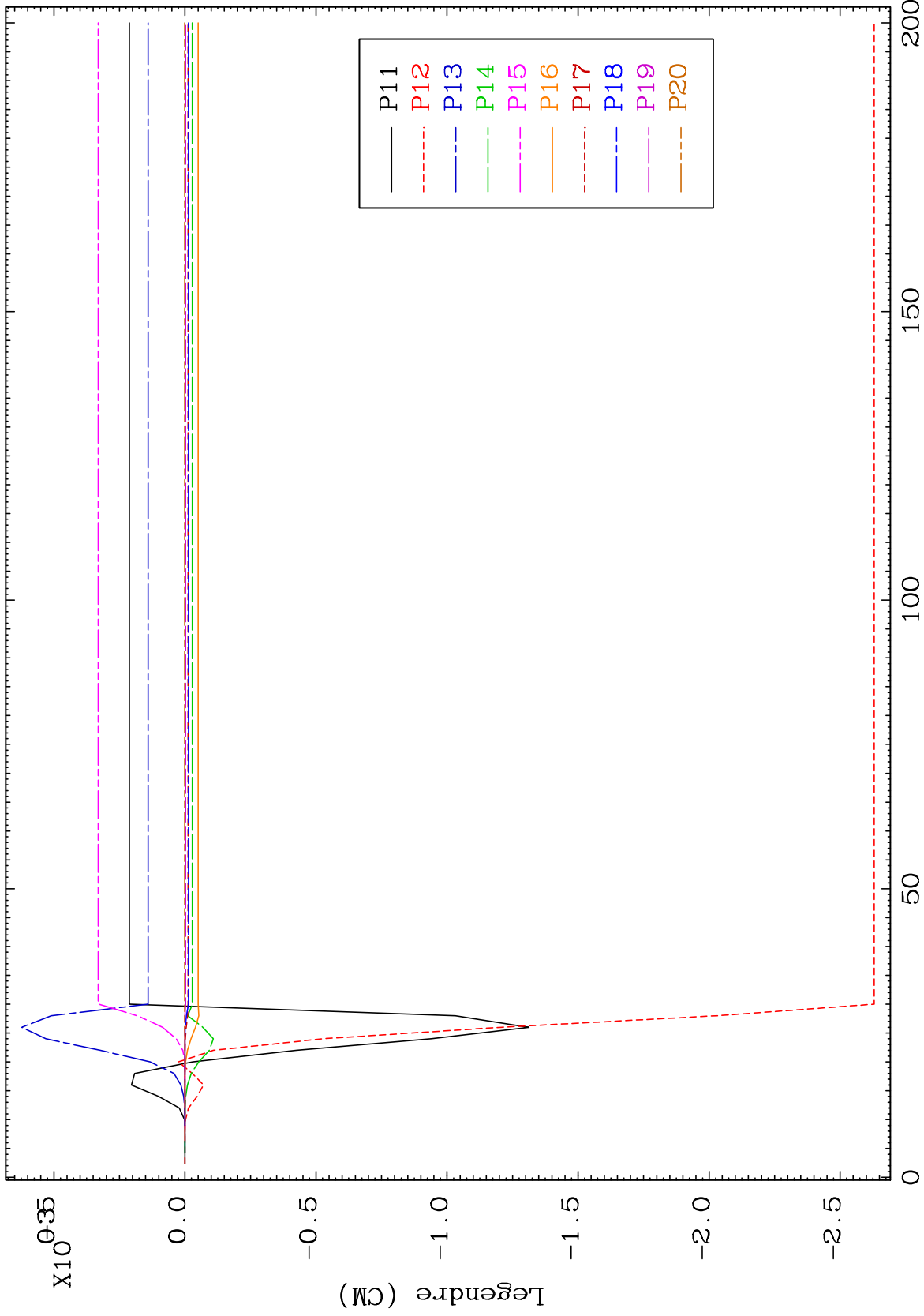
Incident Energy (MeV)

70

MAT 5795

2.313 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



71

Incident Energy (MeV)

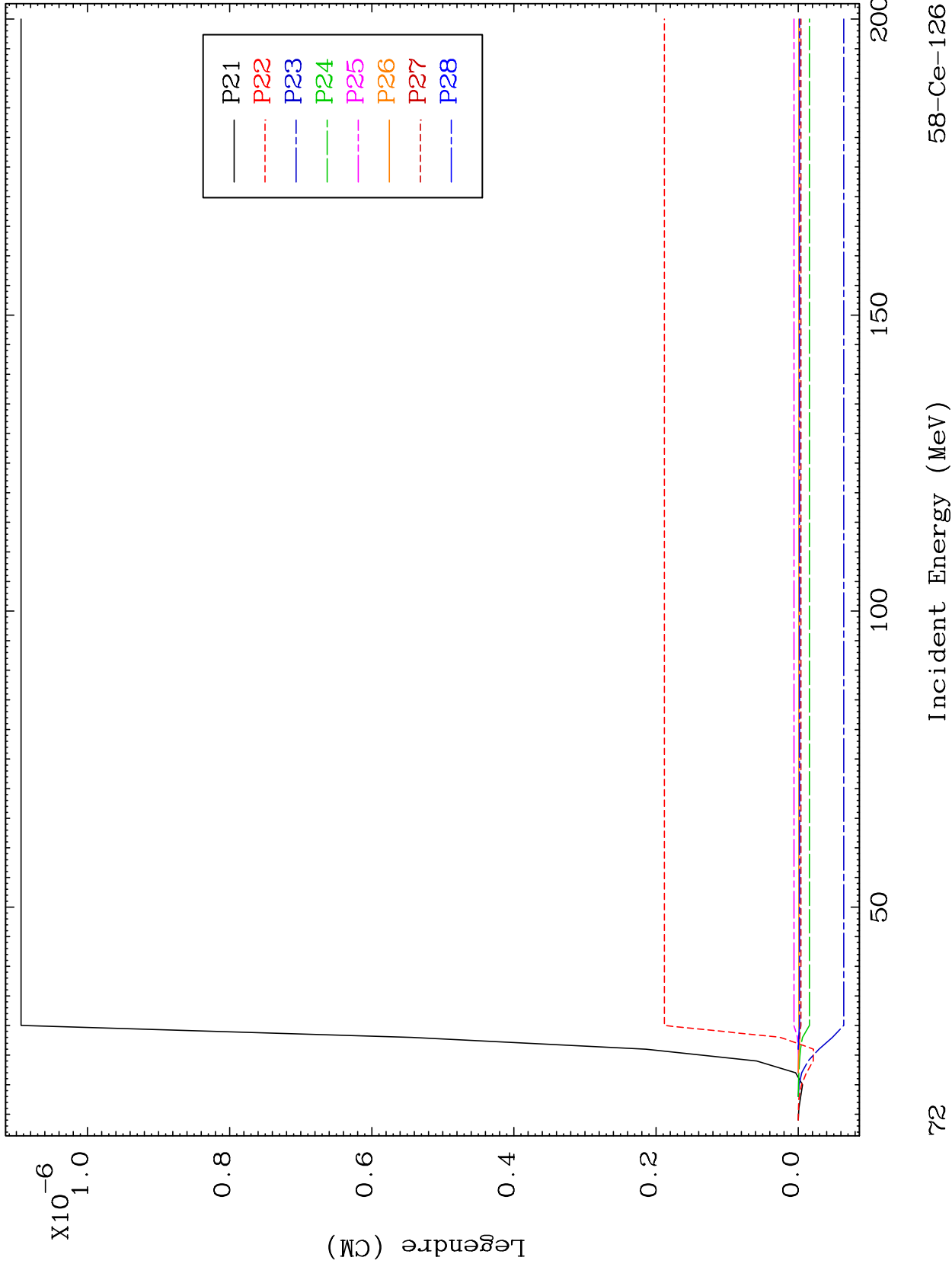
58-Ce-126



MAT 5795

2.313 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



72

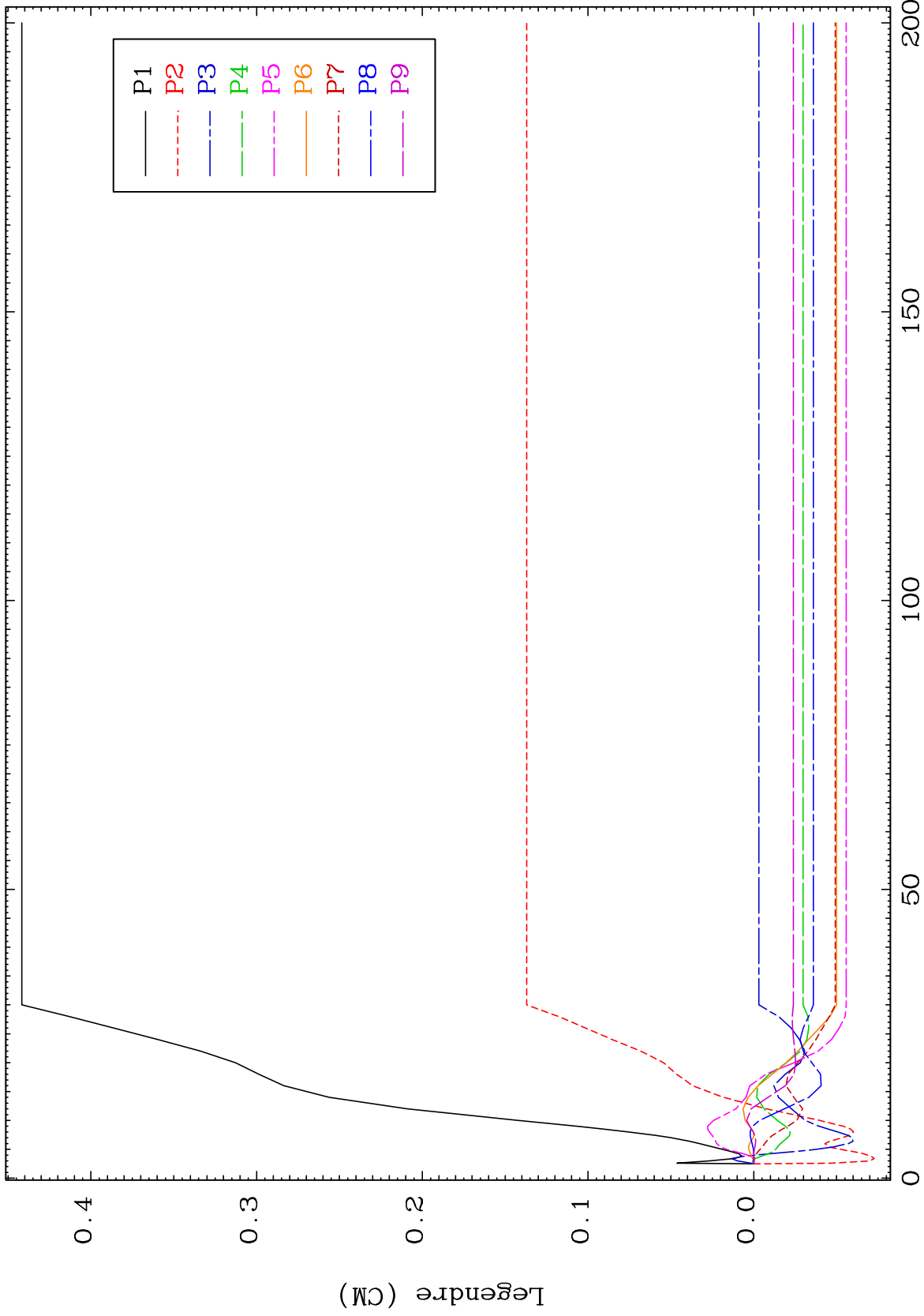
Incident Energy (MeV)

58-Ce-126

MAT 5795

2.460 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



73

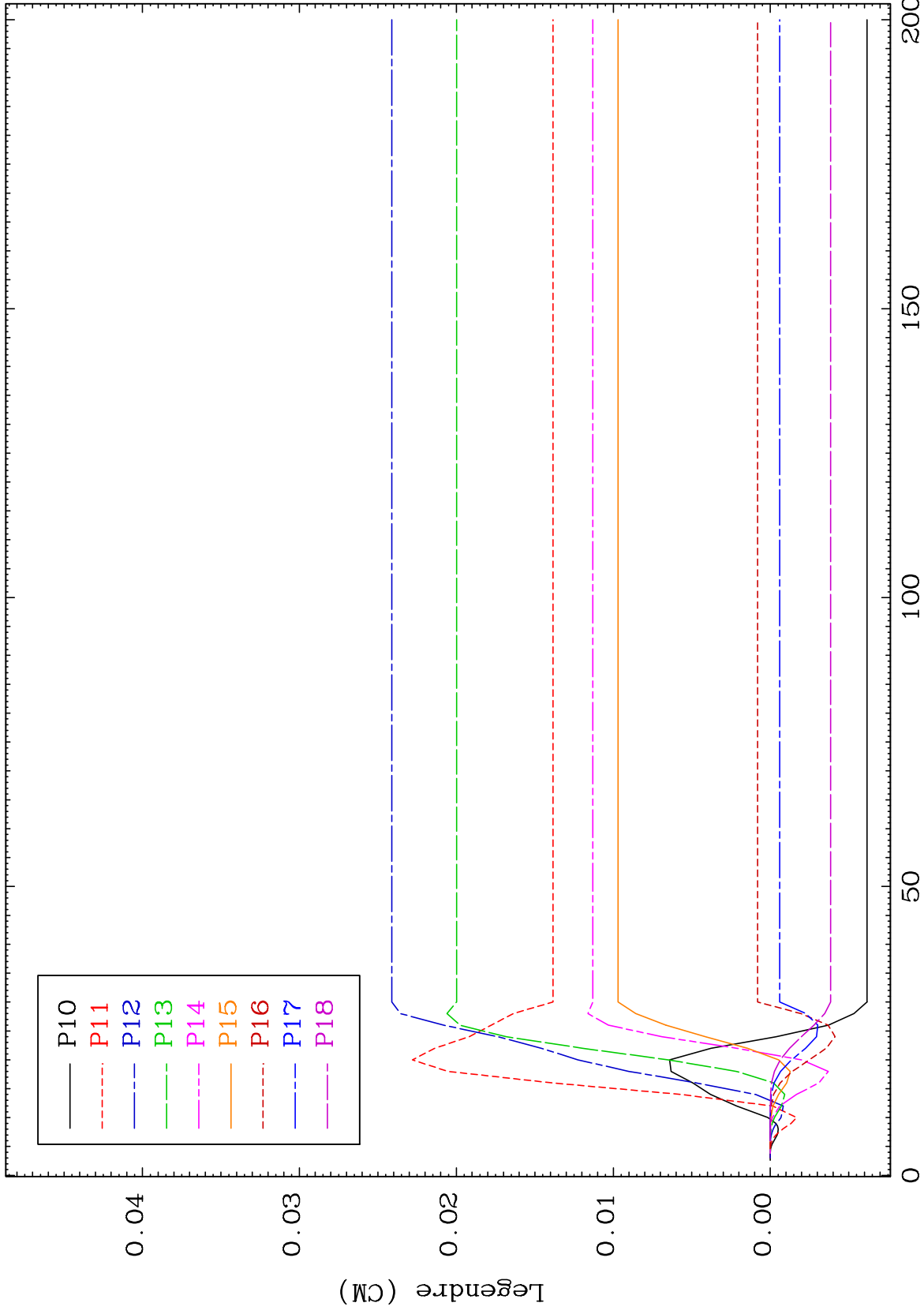
Incident Energy (MeV)

58-Ce-126

MAT 5795

2.460 MeV (n,n') Level  
Legendre Coefficients

58-Ce-126



74

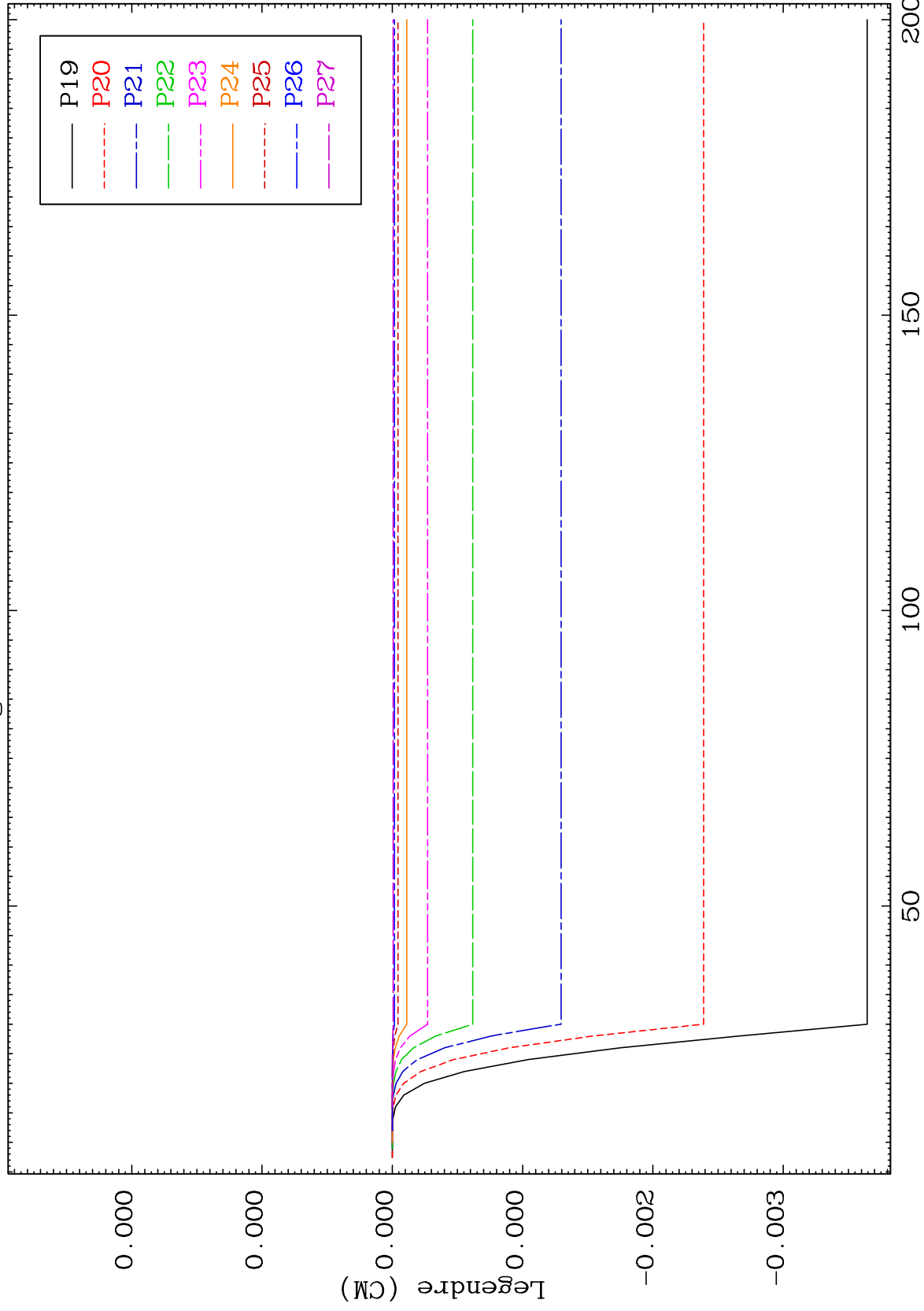
Incident Energy (MeV)

58-Ce-126

MAT 5795

2.460 MeV (n,n') Level  
Legendre Coefficients

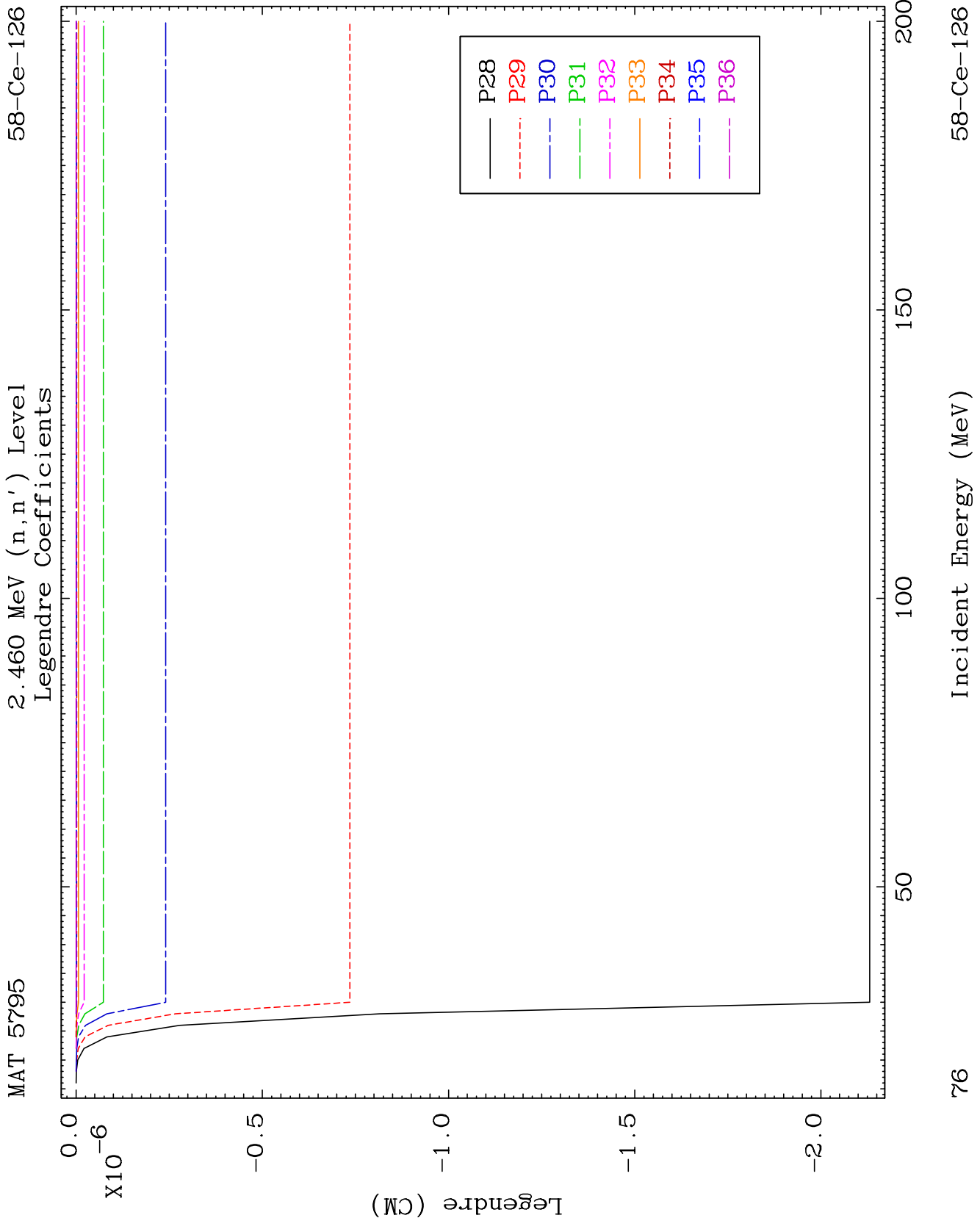
58-Ce-126



75

Incident Energy (MeV)

58-Ce-126

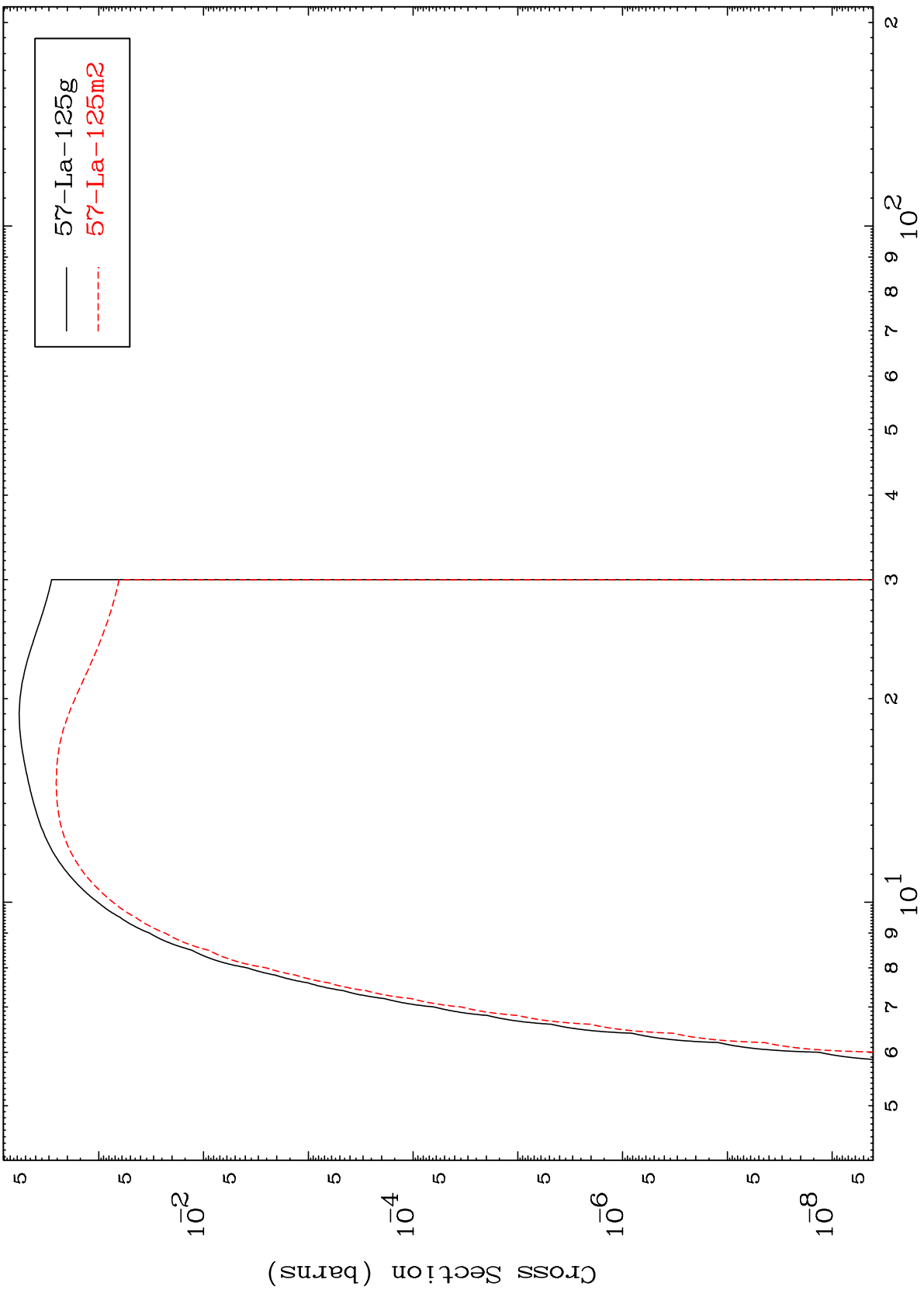


MAT 5795

(n,n') p

58-Ce-126

Radionuclide Production Cross Section



77

Incident Energy (MeV)

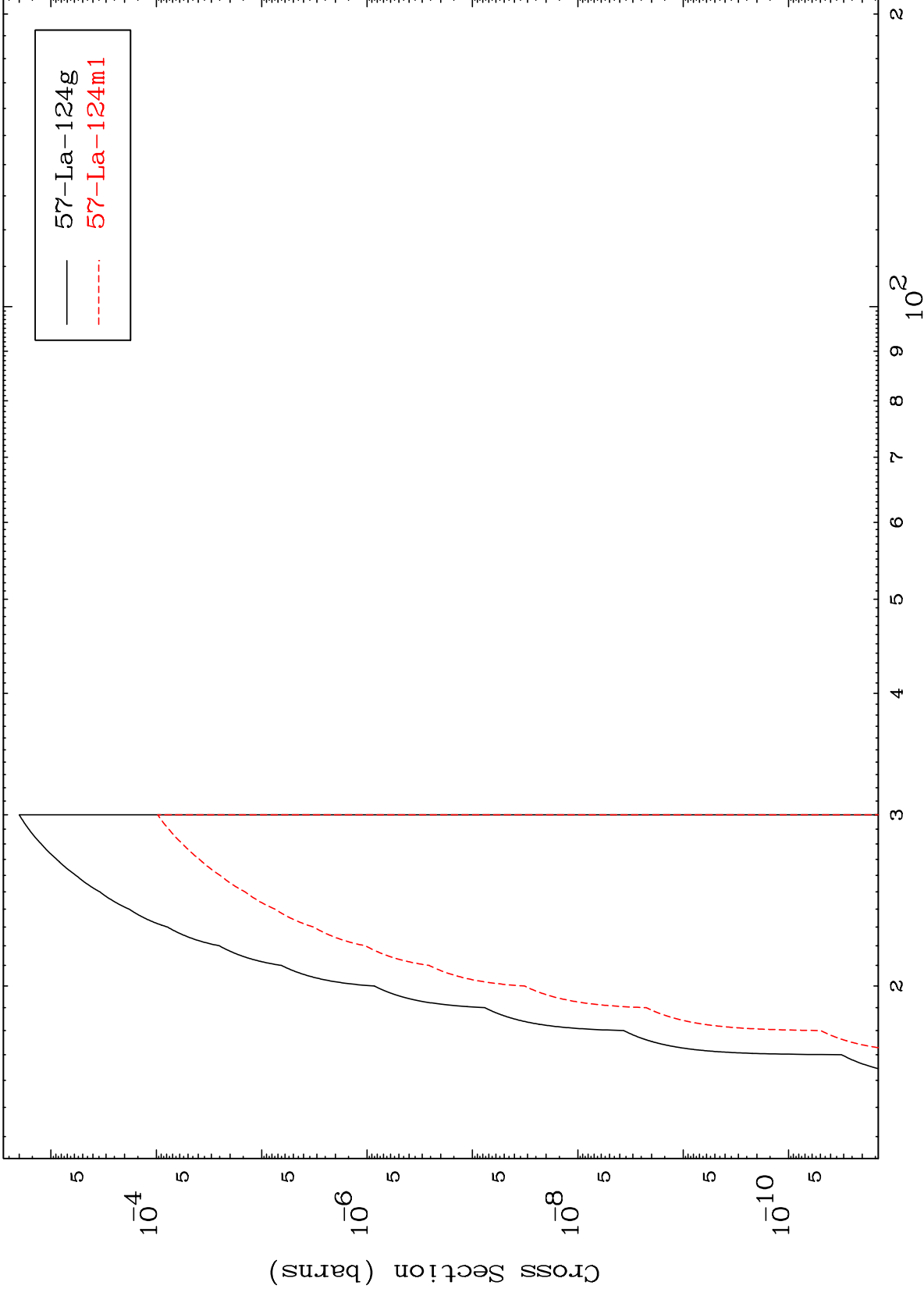
58-Ce-126

MAT 5795

(n,n') d

58-Ce-126

Radionuclide Production Cross Section



78

Incident Energy (MeV)

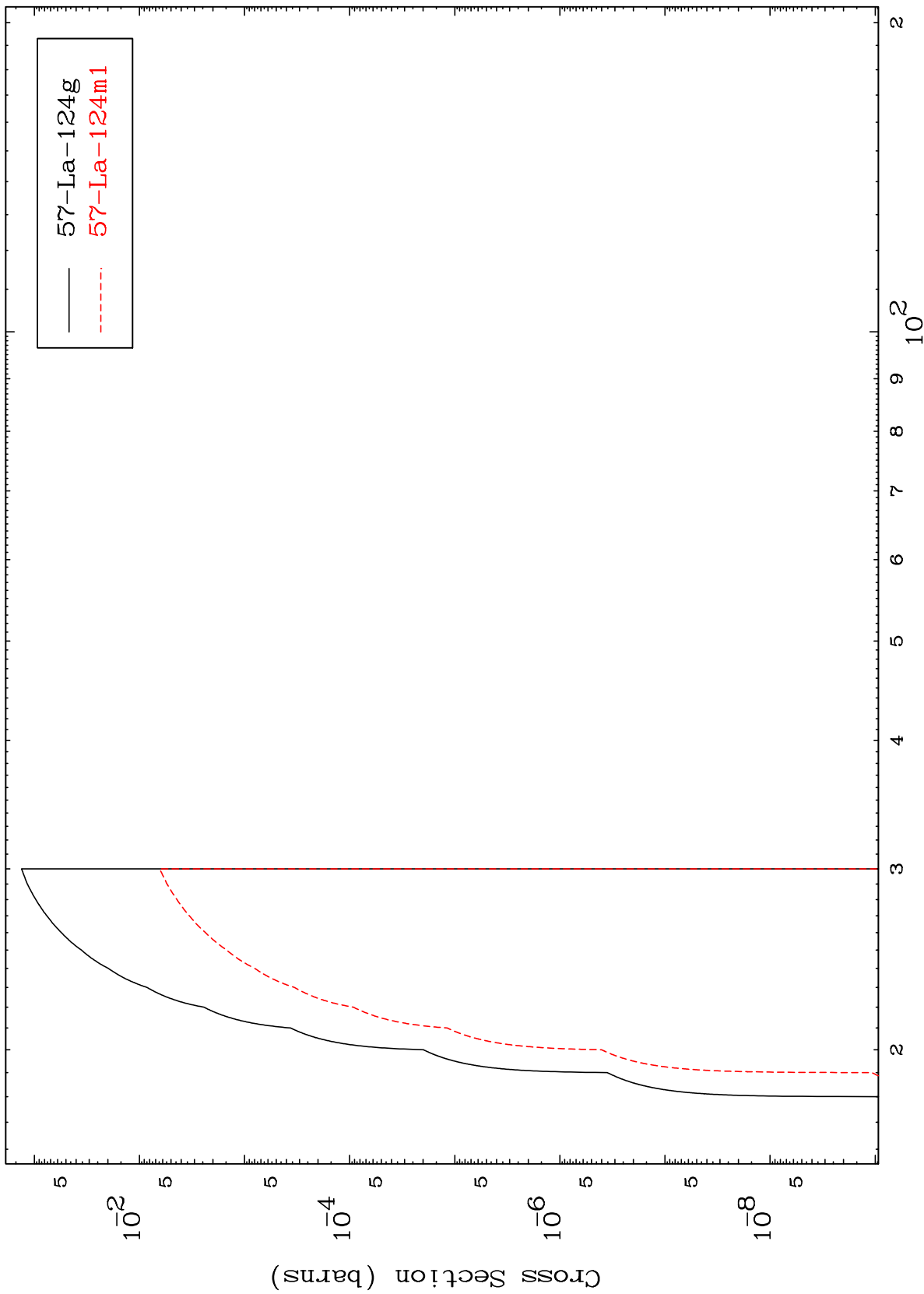
58-Ce-126

MAT 5795

(n,2n) p

58-Ce-126

Radionuclide Production Cross Section



57-La-124g  
57-La-124m1

79

Incident Energy (MeV)

58-Ce-126

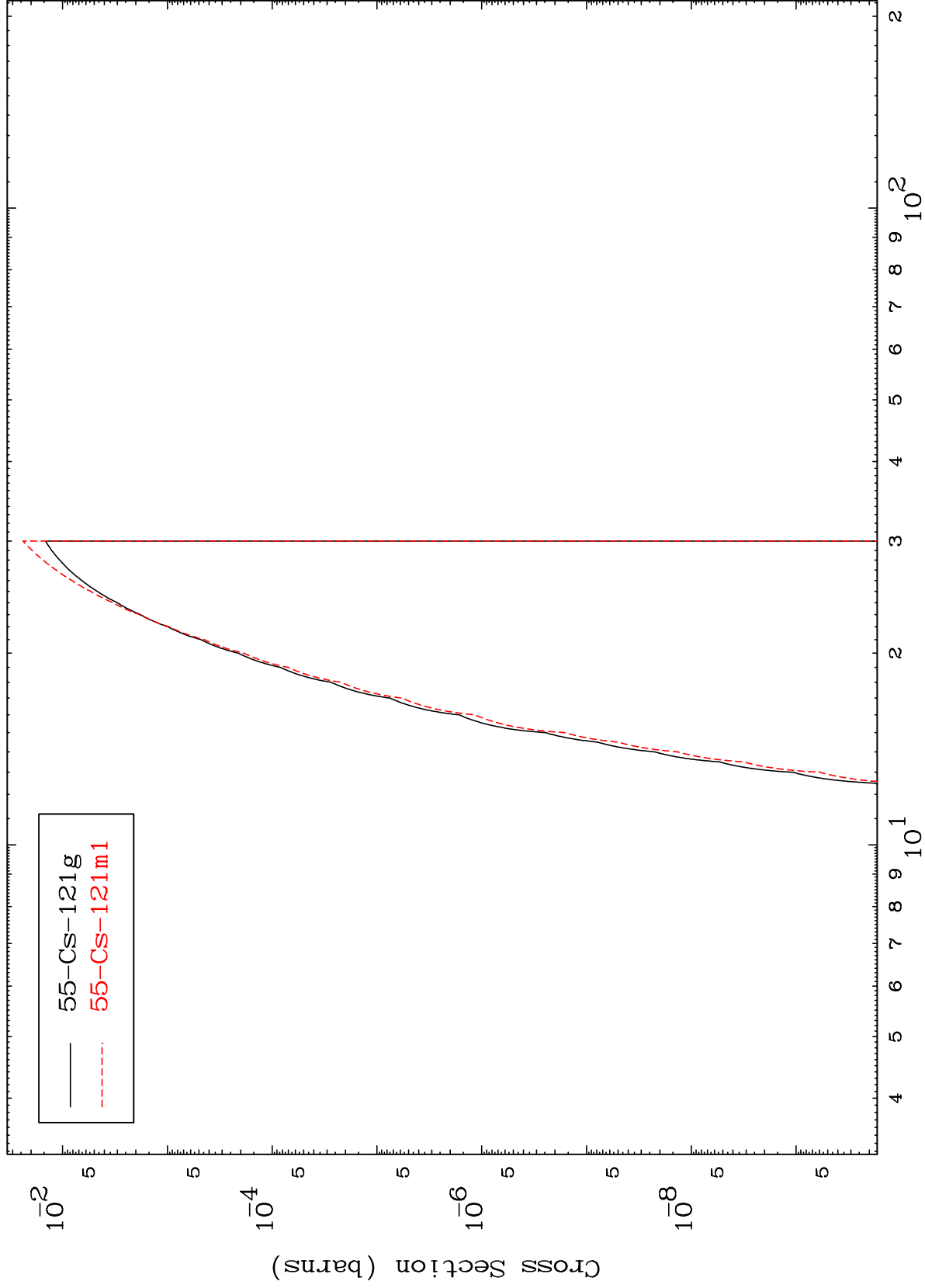


MAT 5795

(n,n') p  $\alpha$

58-Ce-126

Radionuclide Production Cross Section



80

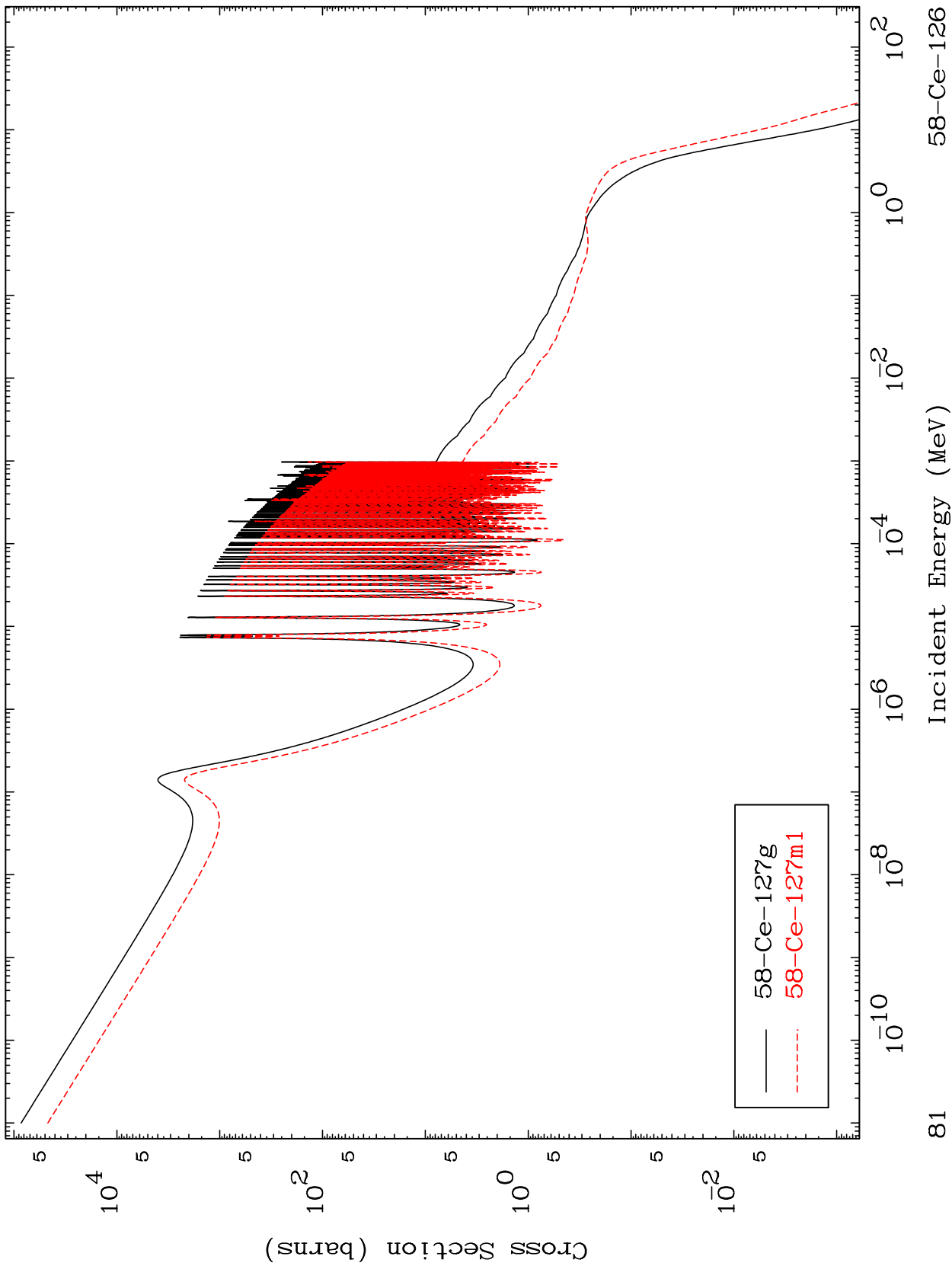
Incident Energy (MeV)

58-Ce-126

MAT 5795

58-Ce-126

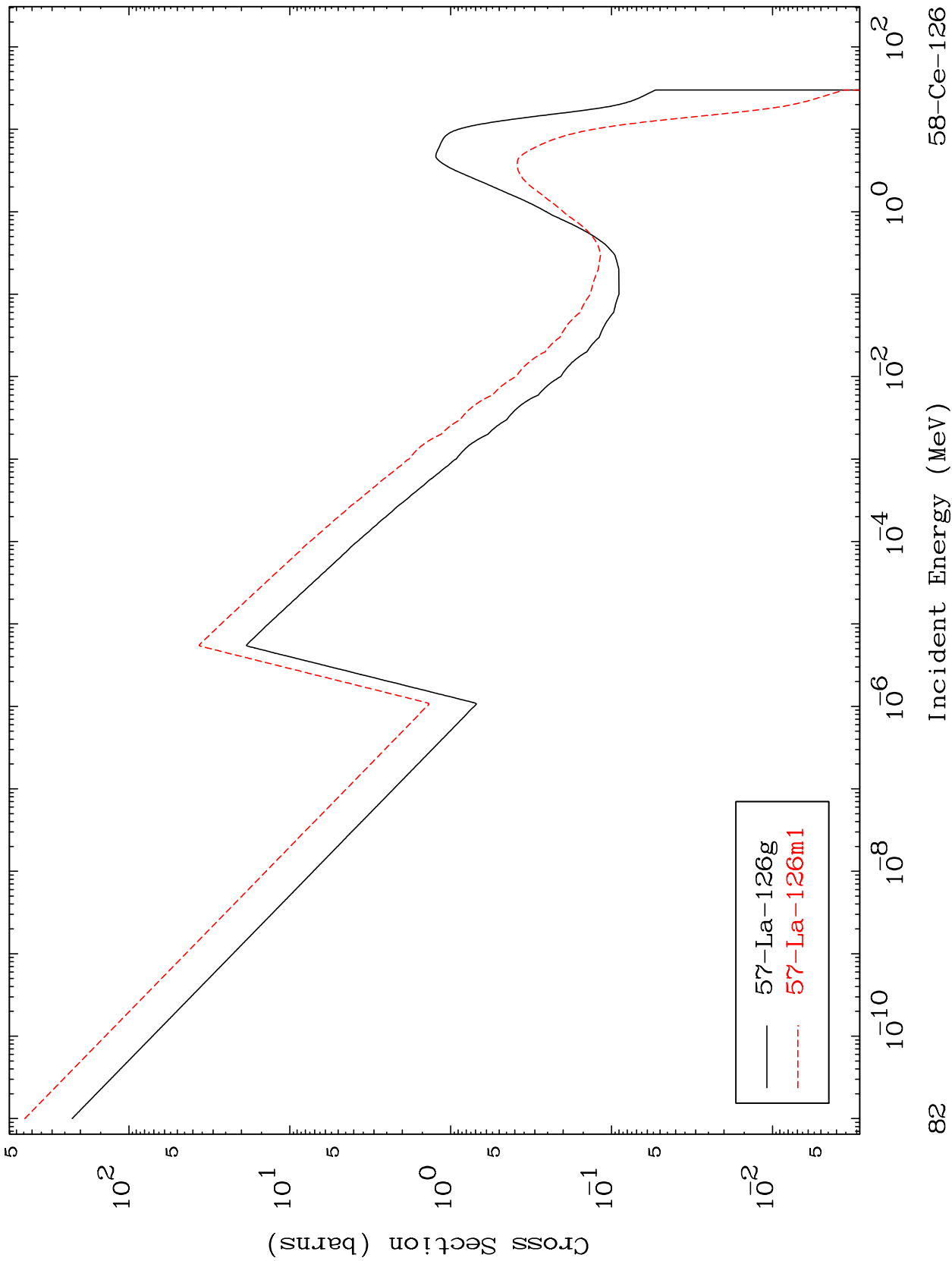
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 5795

58-Ce-126

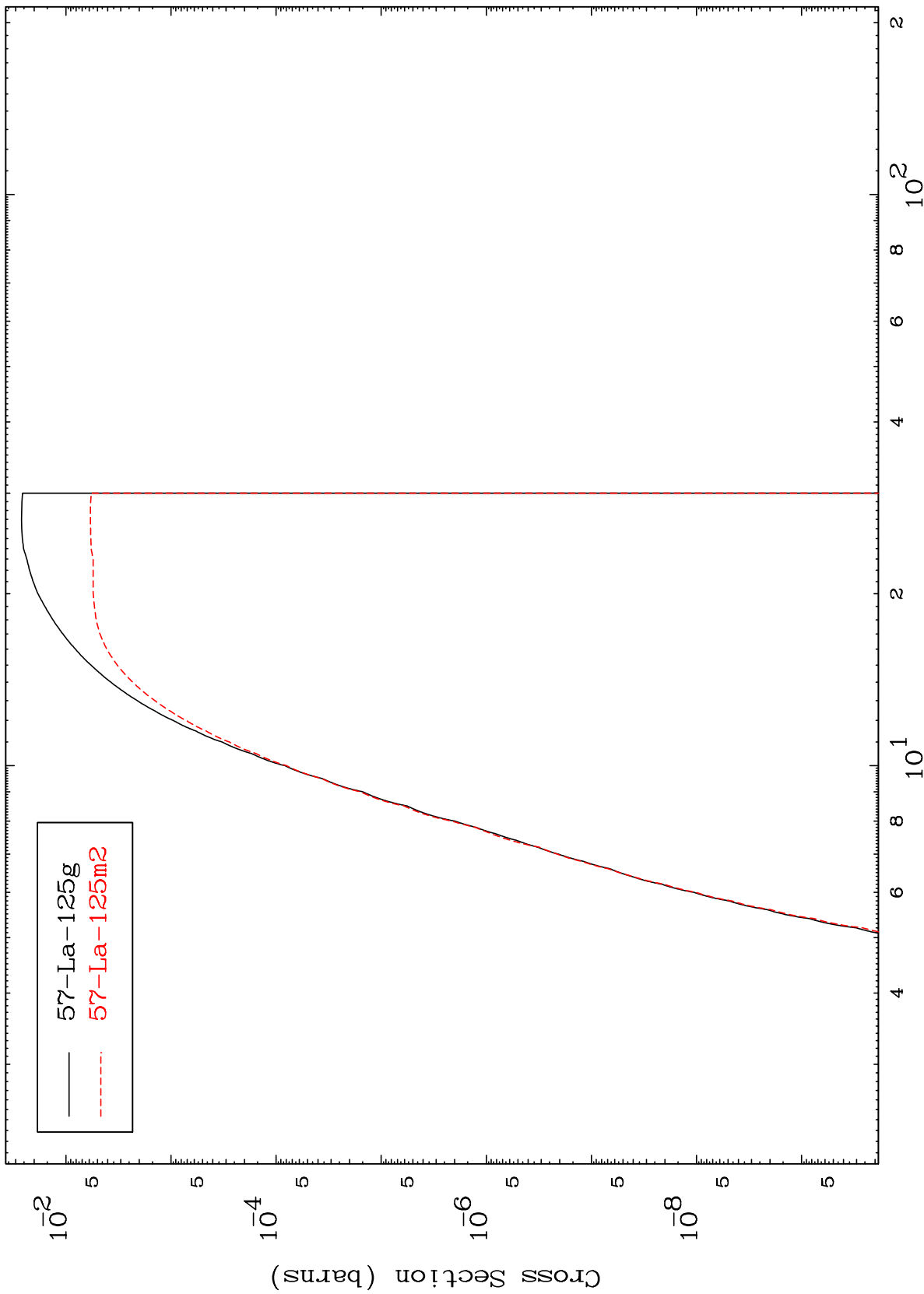
(n,p)  
Radionuclide Production Cross Section



MAT 5795

58-Ce-126

(n,d)  
Radionuclide Production Cross Section



83

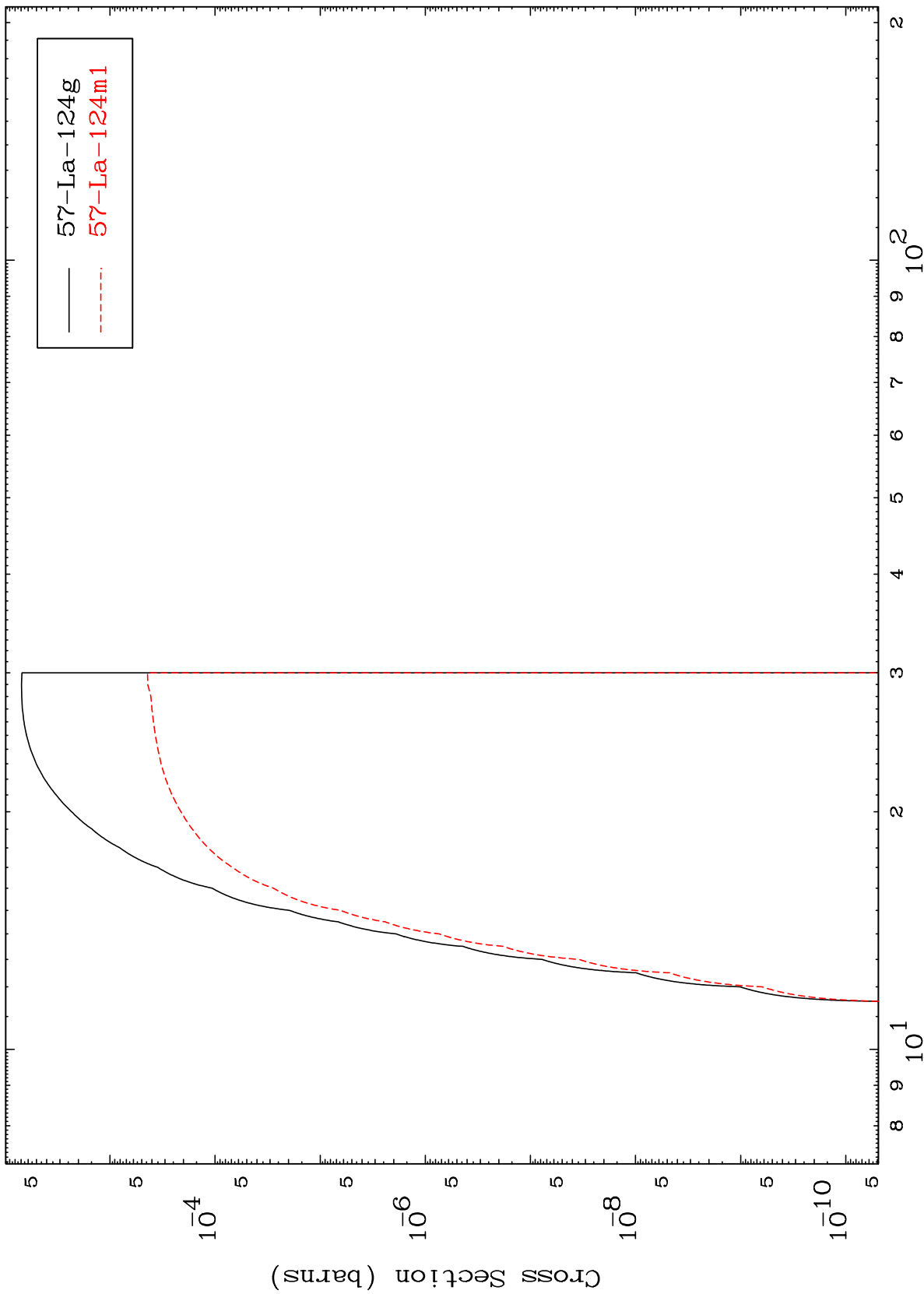
58-Ce-126

Incident Energy (MeV)

MAT 5795

58-Ce-126

(n, t)  
Radionuclide Production Cross Section



84

Incident Energy (MeV)

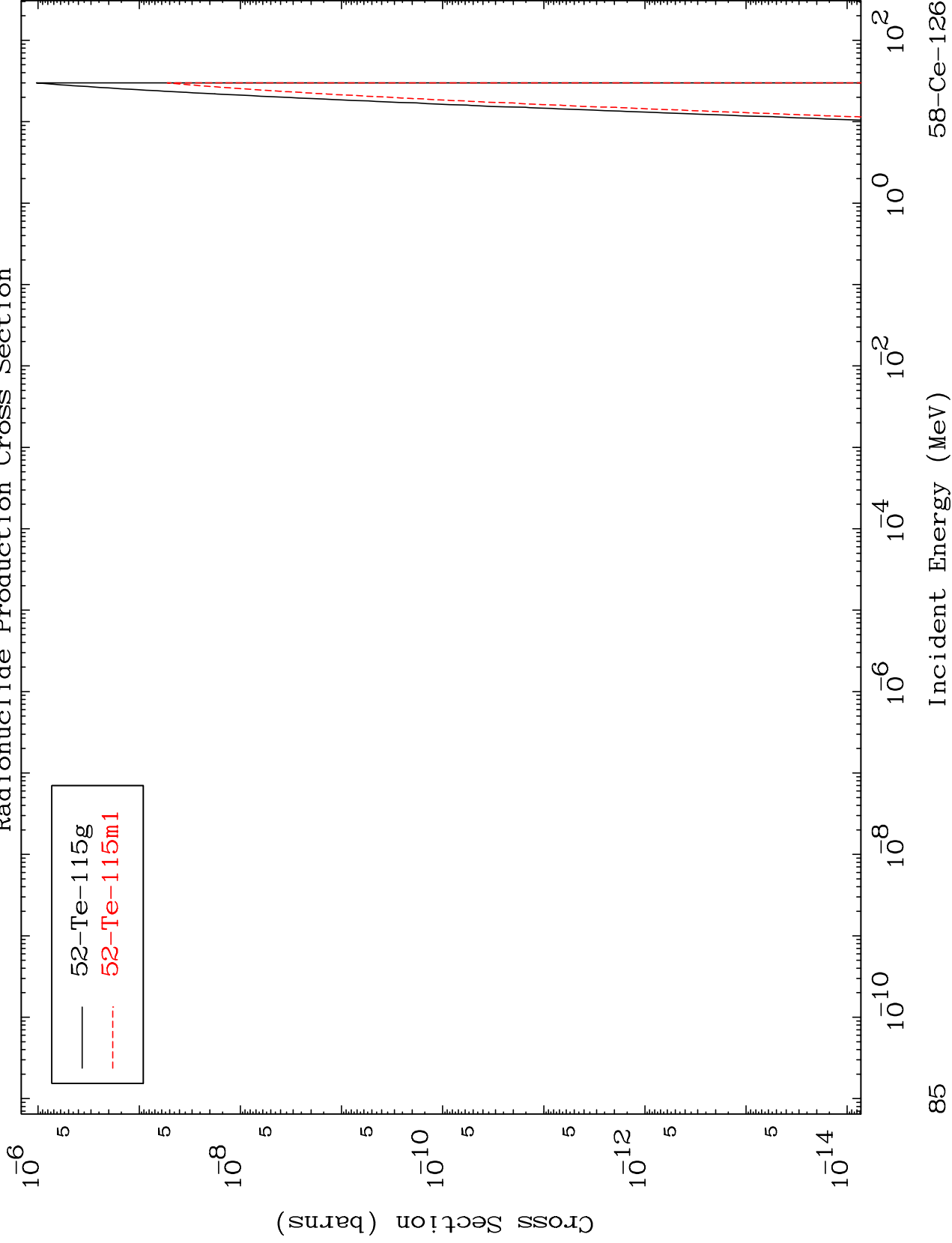
58-Ce-126

MAT 5795

(n,3 $\alpha$ )

58-Ce-126

Radionuclide Production Cross Section



85

Incident Energy (MeV)

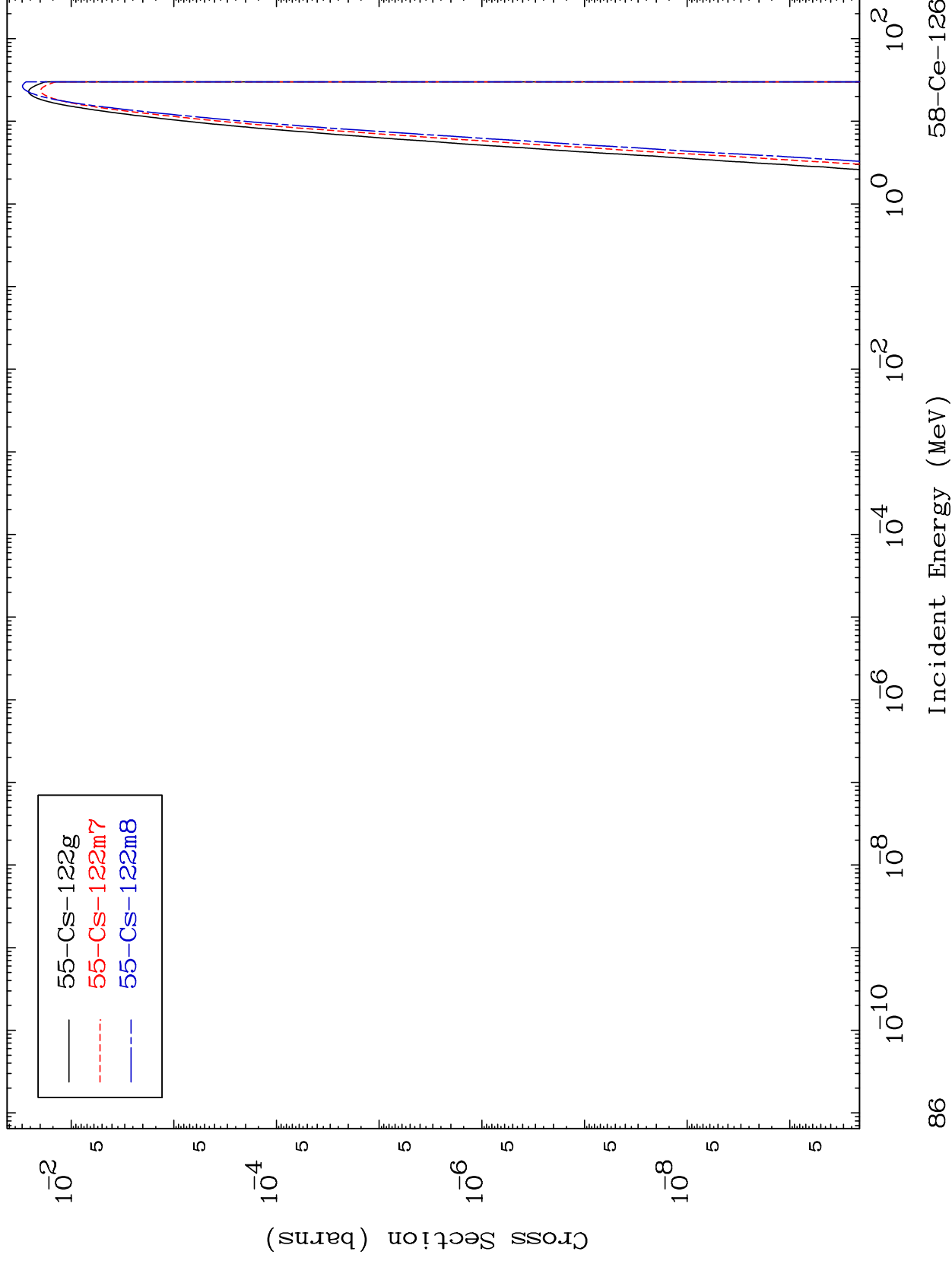
58-Ce-126

MAT 5795

(n,p)  $\alpha$

58-Ce-126

Radionuclide Production Cross Section



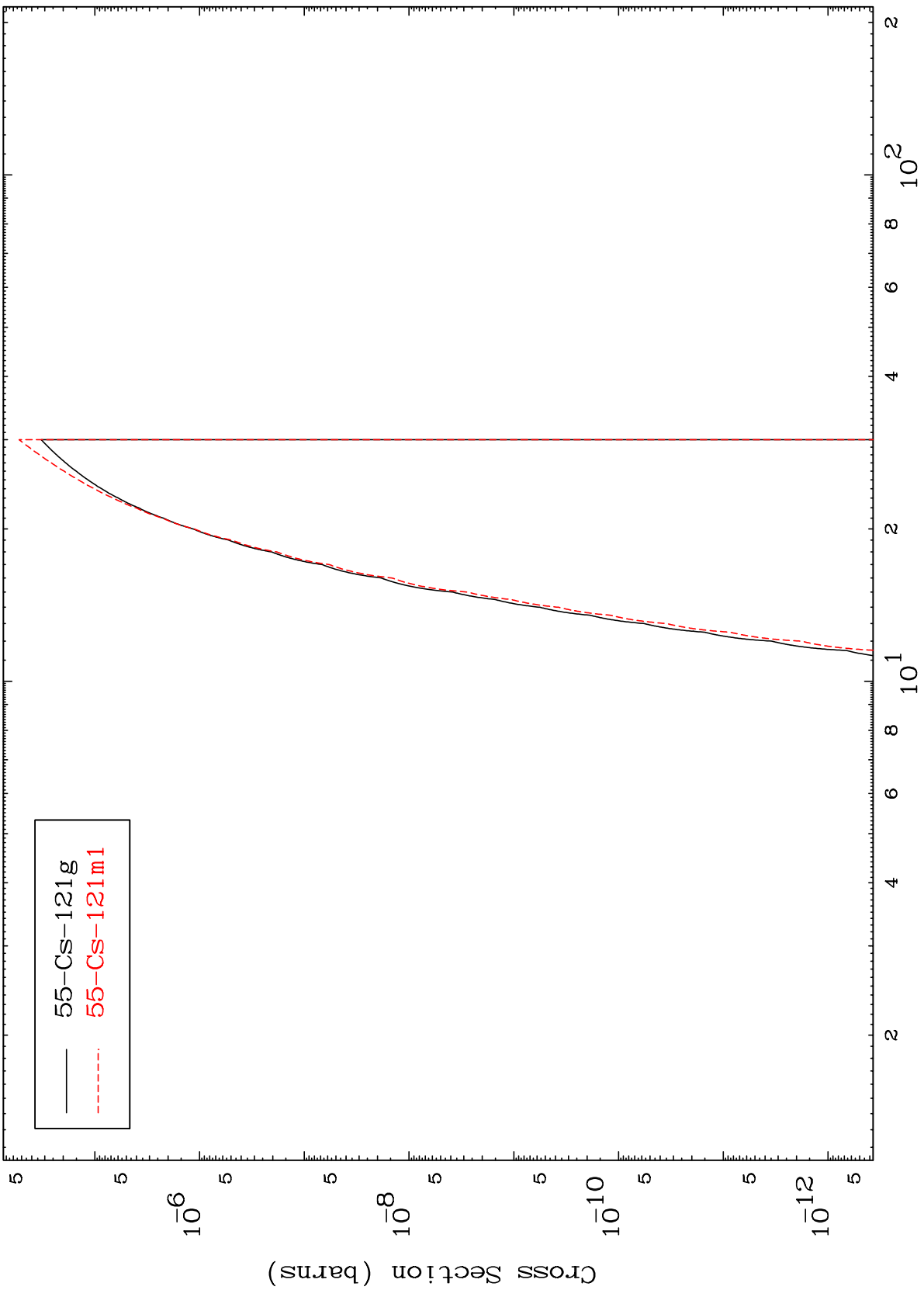
86

MAT 5795

(n,d)  $\alpha$

58-Ce-126

Radionuclide Production Cross Section



55-Cs-121g  
55-Cs-121m1

87

Incident Energy (MeV)

58-Ce-126