

Program EVALPLOT  
(Version 2015-2)

by

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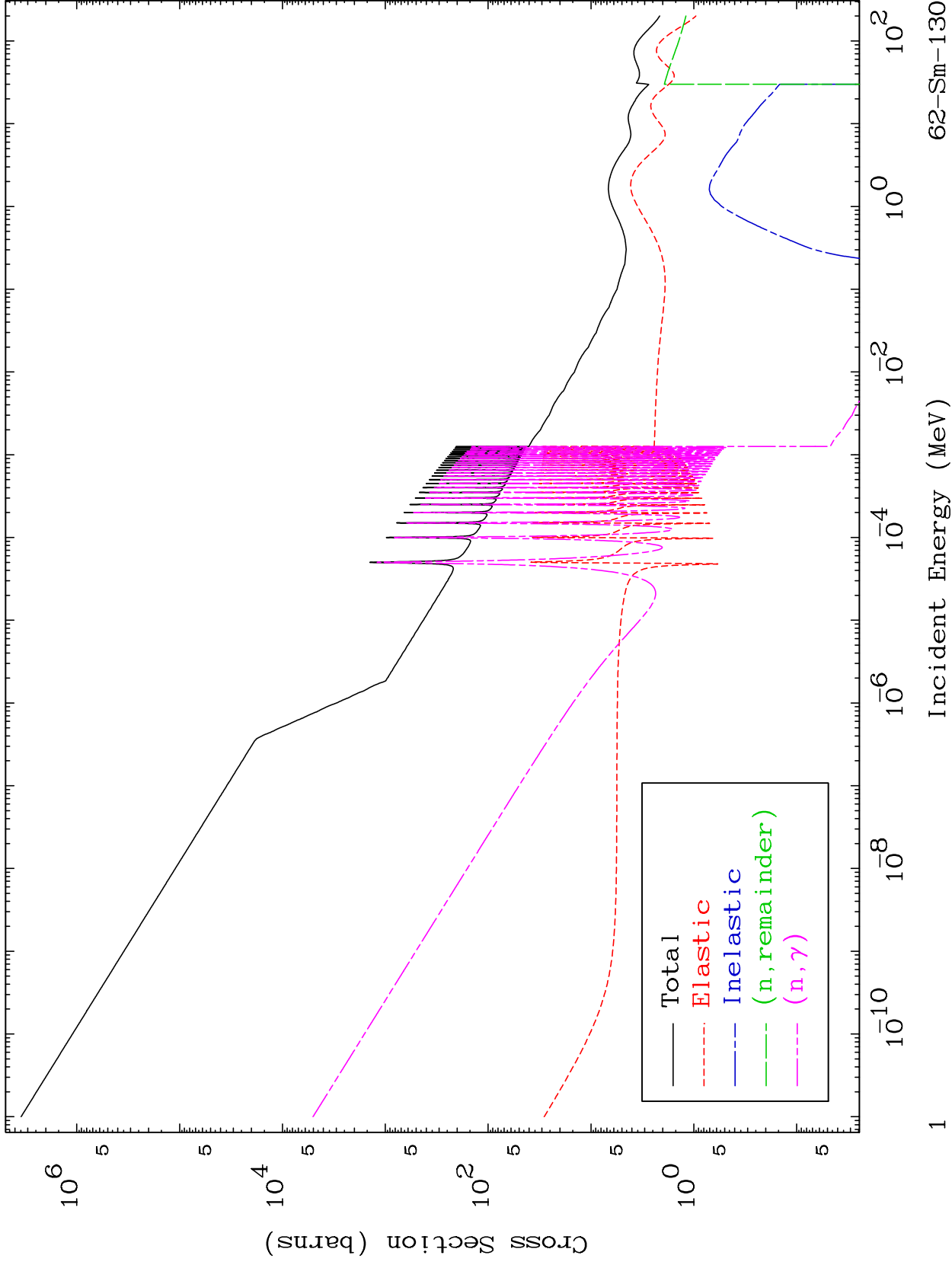
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6183

Major  
293 Kelvin Cross Sections

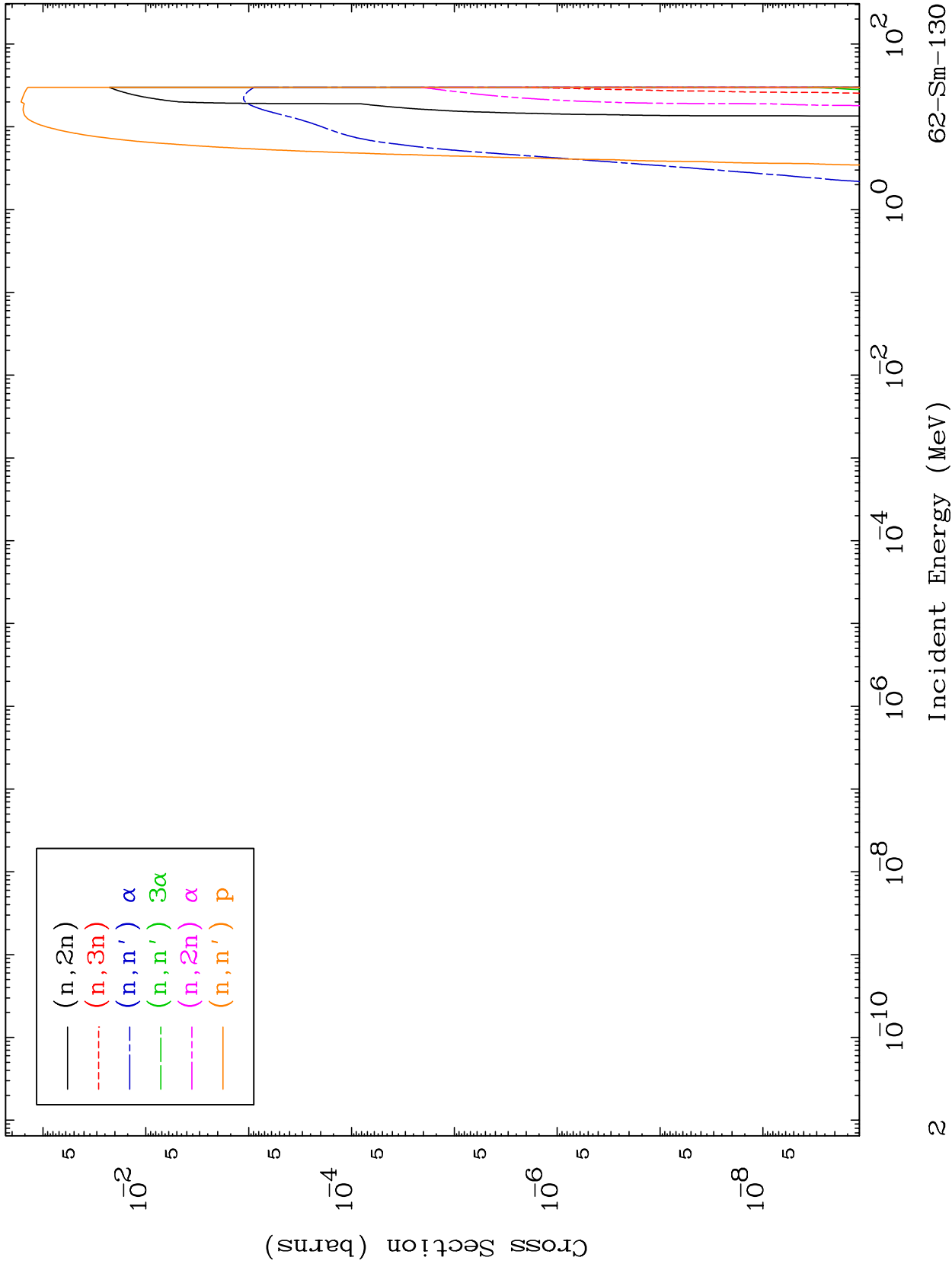
62-Sm-130



MAT 6183

Neutron Production  
293 Kelvin Cross Sections

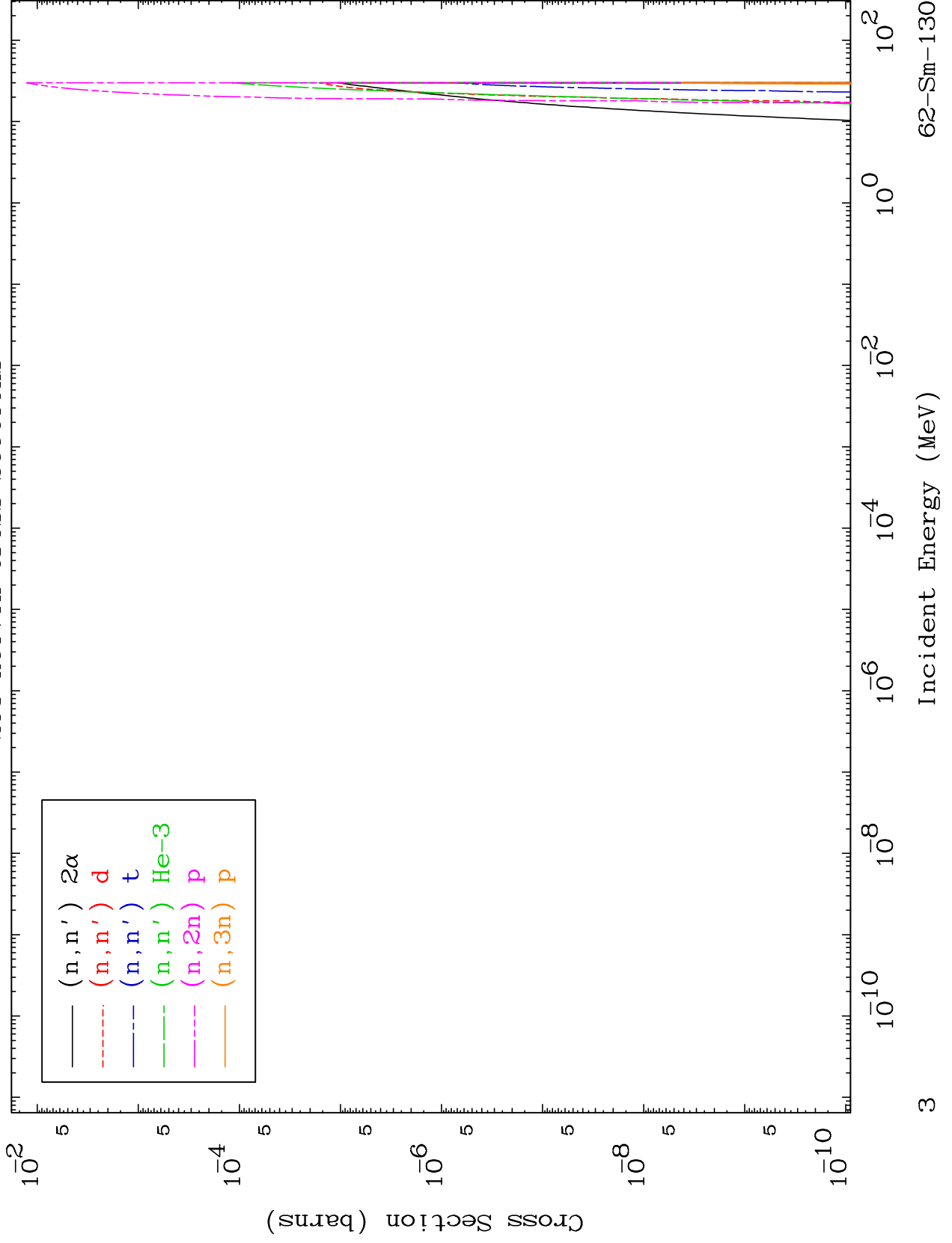
62-Sm-130



MAT 6183

Neutron Production  
293 Kelvin Cross Sections

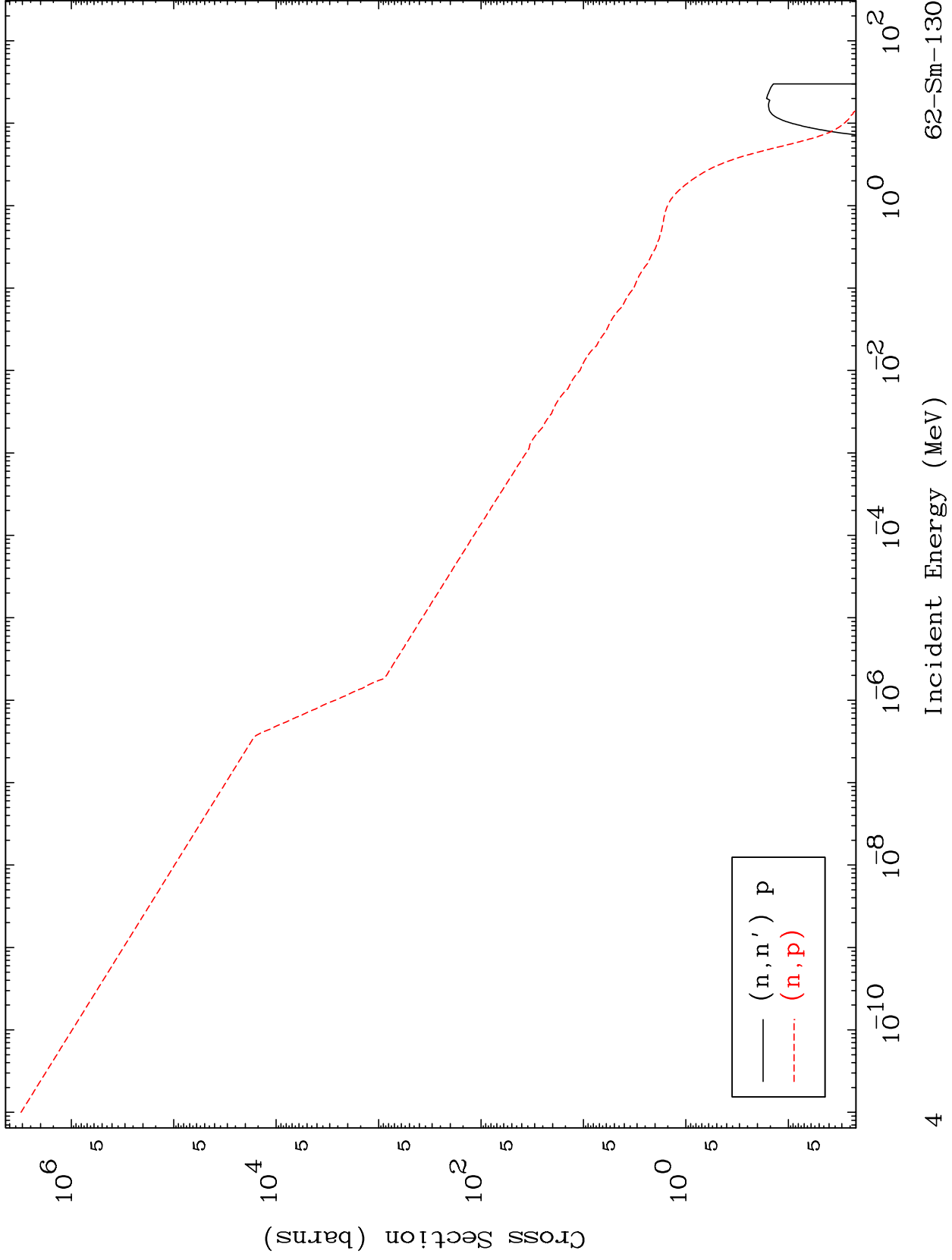
62-Sm-130



MAT 6183

Charged Particle  
293 Kelvin Cross Sections

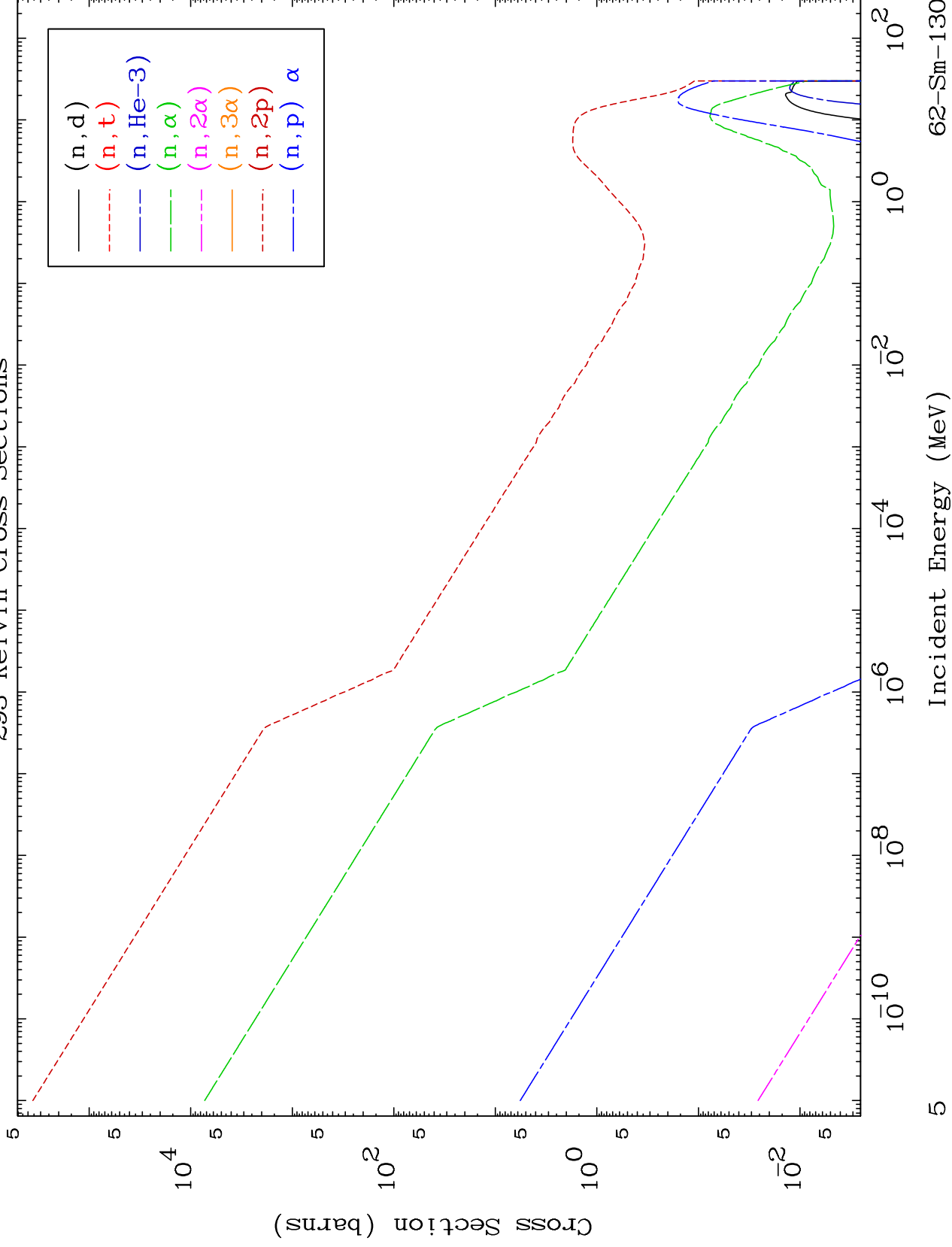
62-Sm-130



MAT 6183

Charged Particle  
293 Kelvin Cross Sections

62-Sm-130



62-Sm-130

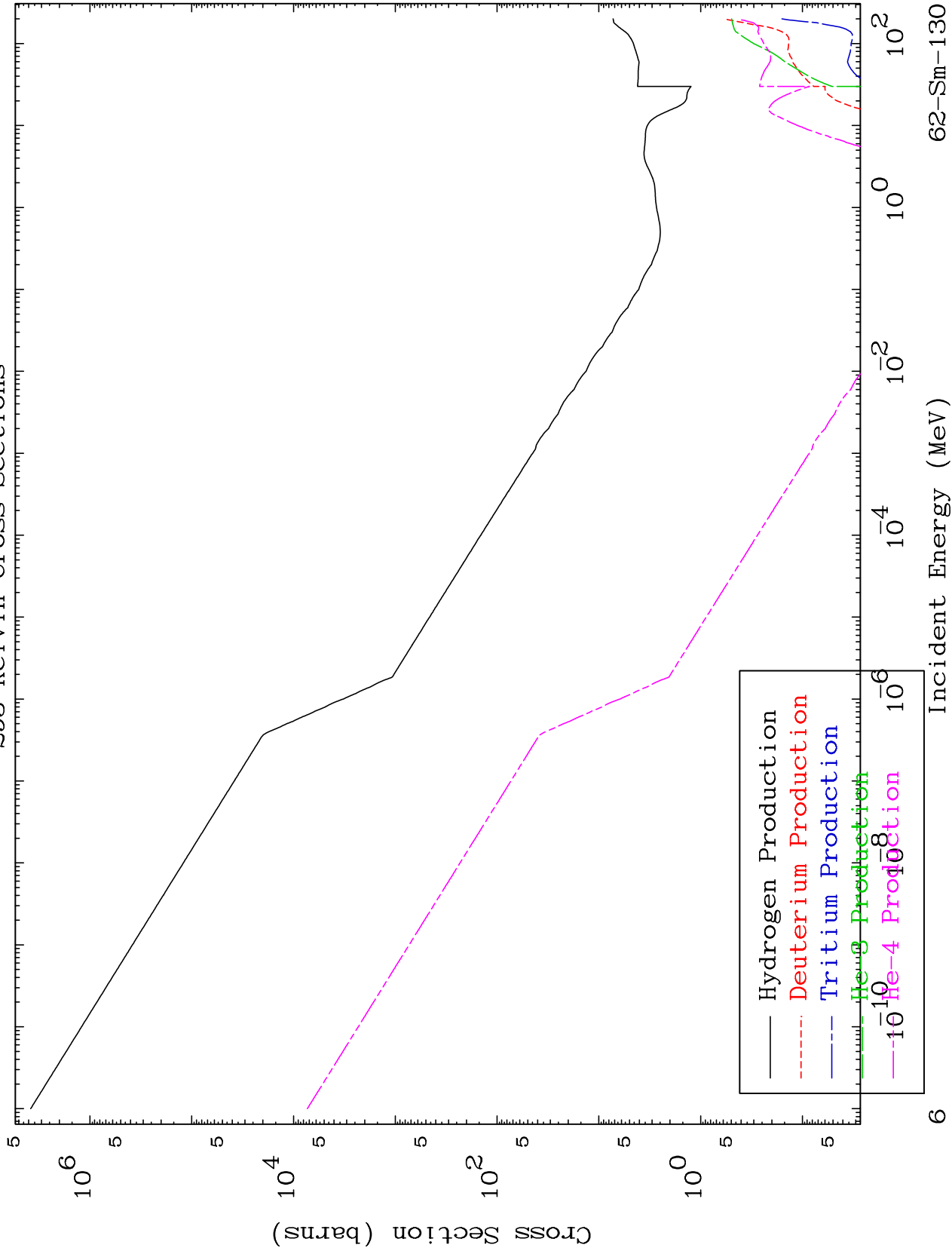
Incident Energy (MeV)

5

MAT 6183

Particle Production  
293 Kelvin Cross Sections

62-Sm-130



62-Sm-130

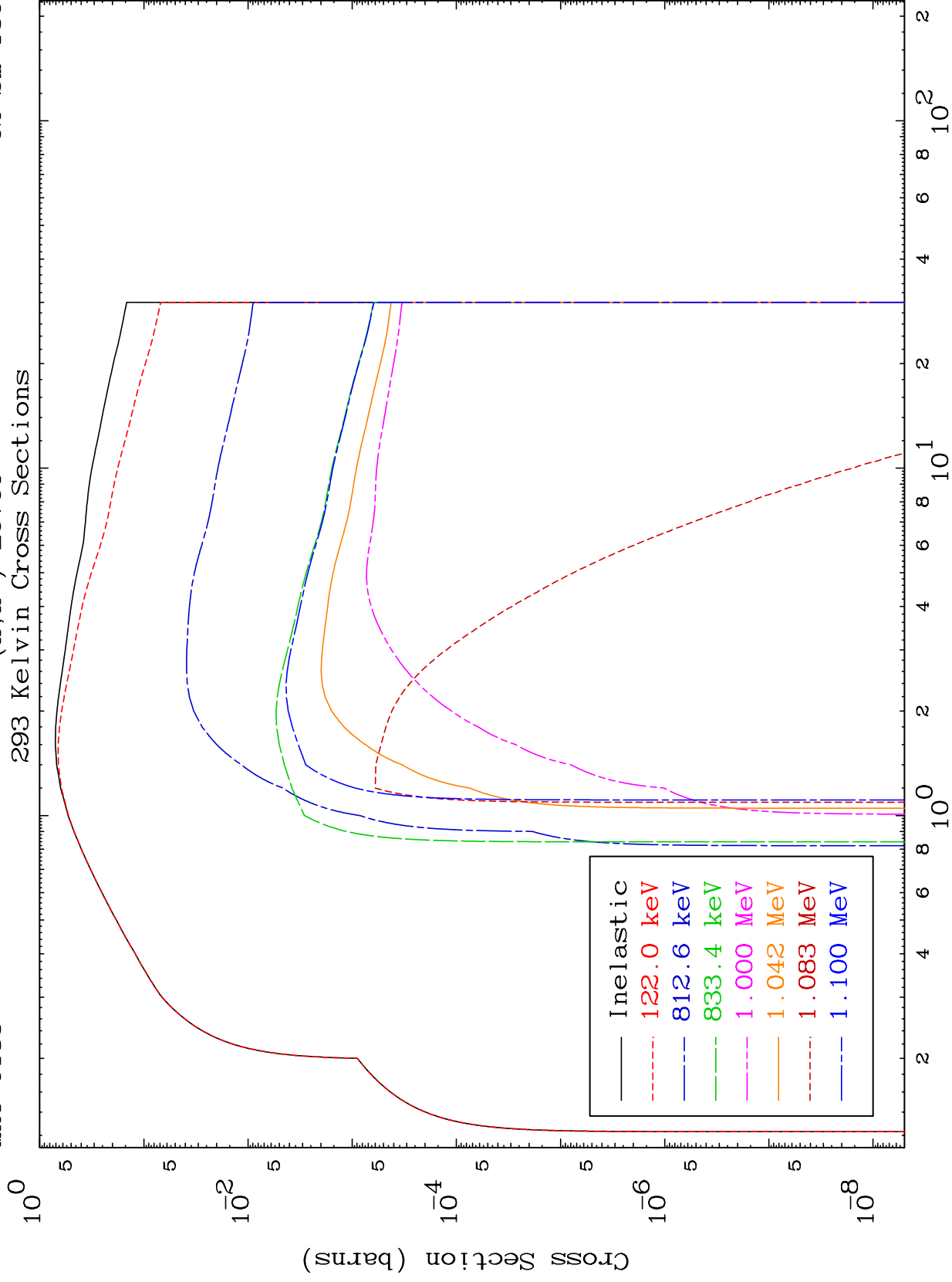
Incident Energy (MeV)

6

MAT 6183

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-130



62-Sm-130

Incident Energy (MeV)

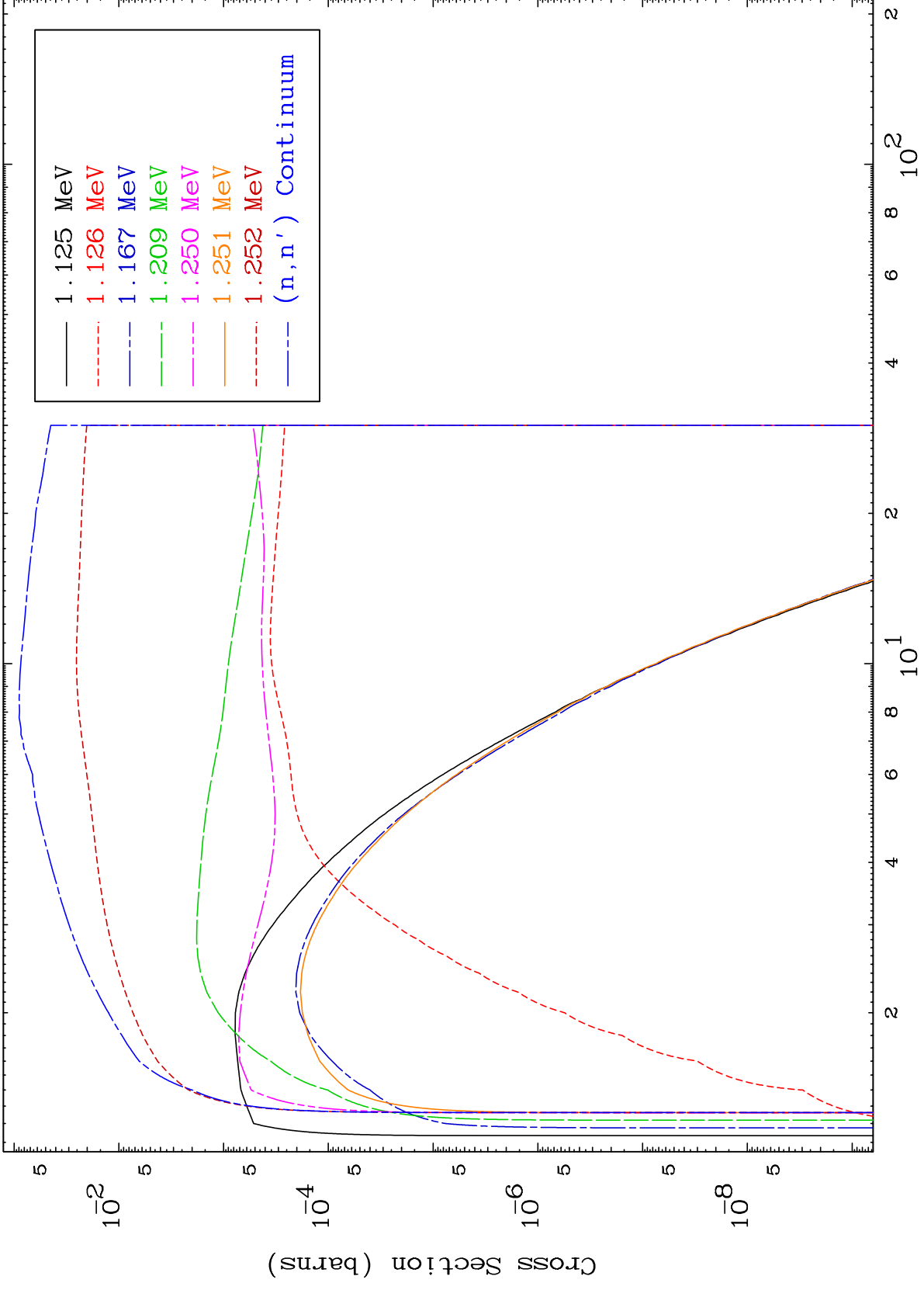


MAT 6183

(n,n') Level

62-Sm-130

293 Kelvin Cross Sections



8

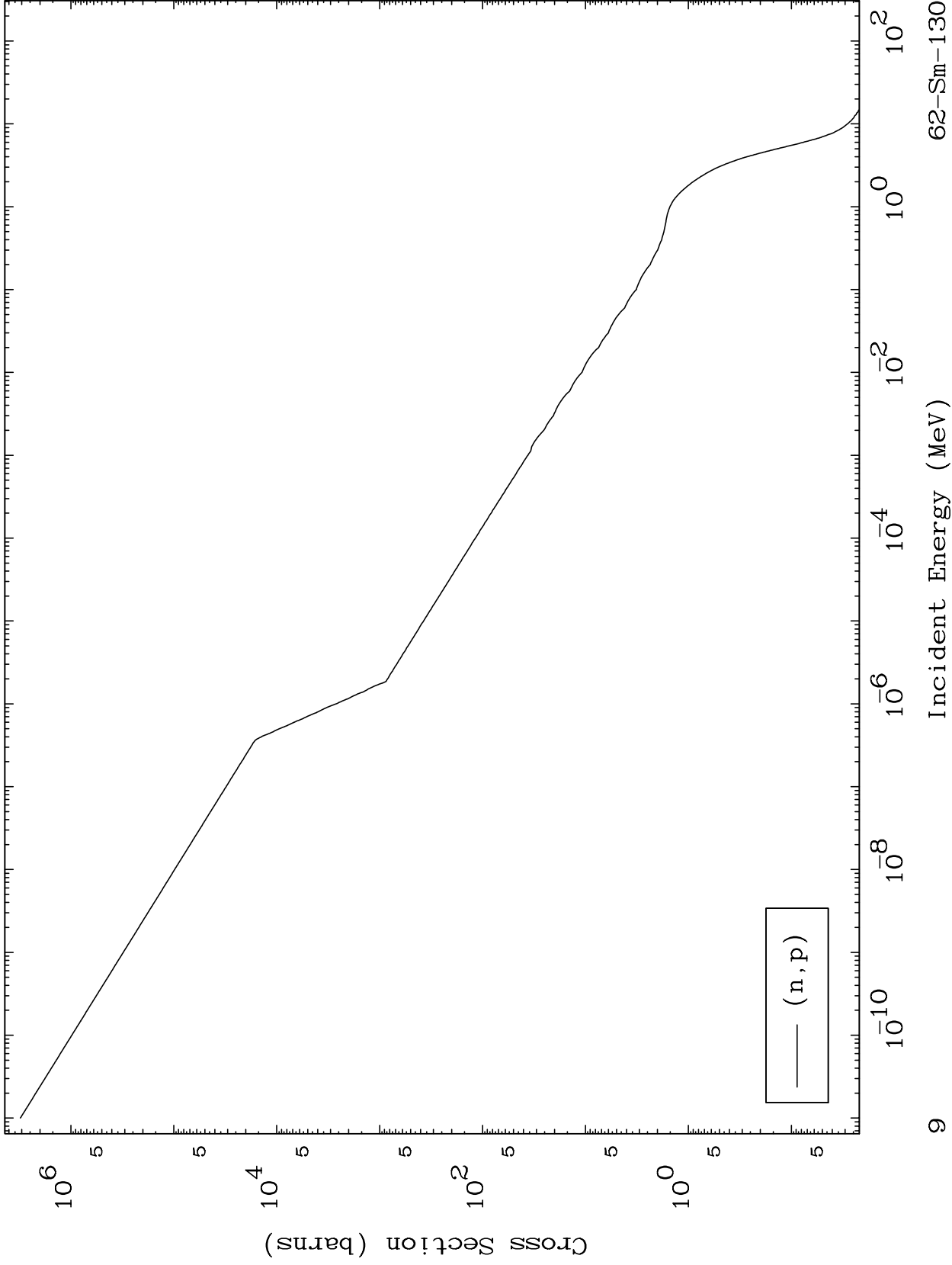
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,p) Levels  
293 Kelvin Cross Sections

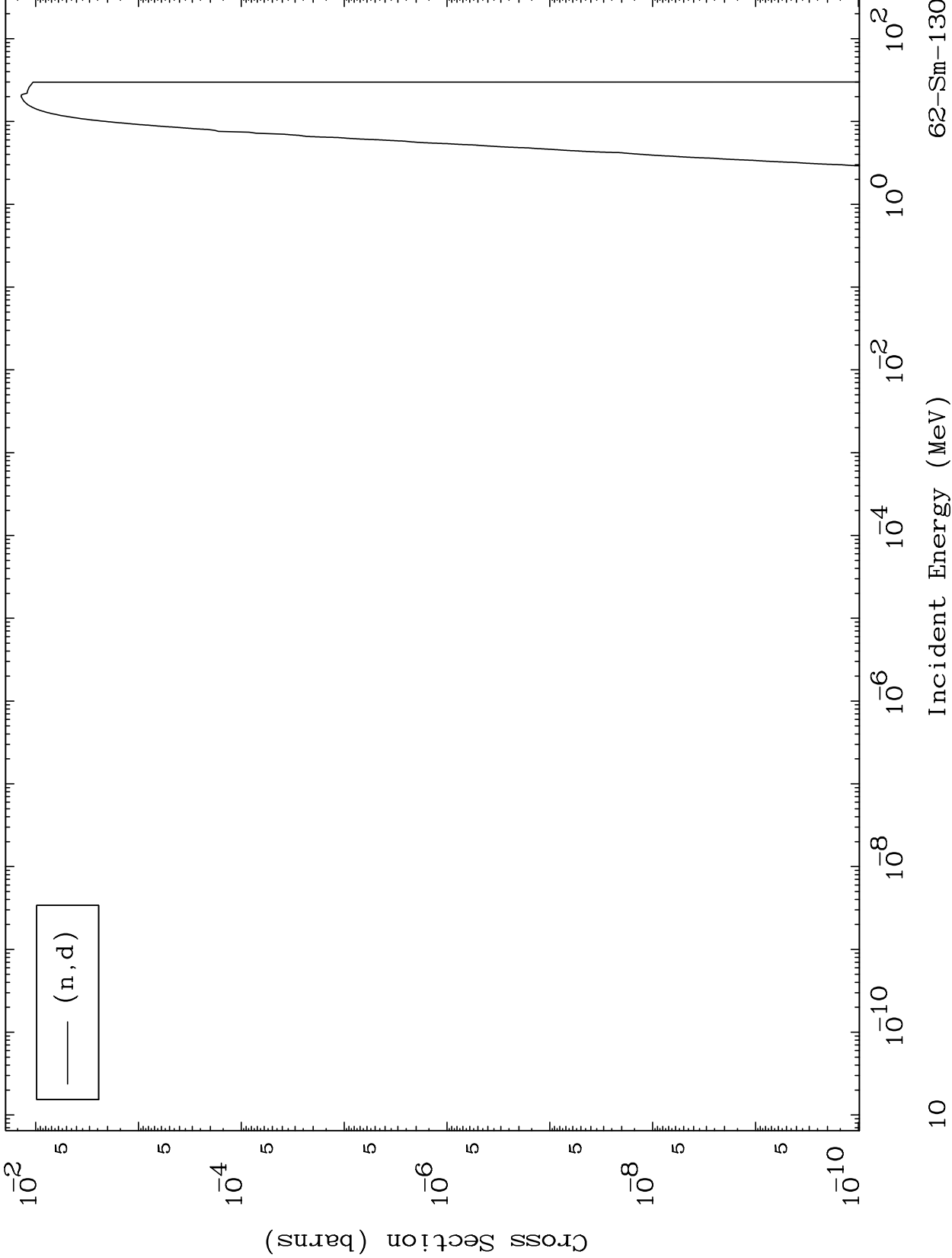
62-Sm-130



MAT 6183

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-130



10

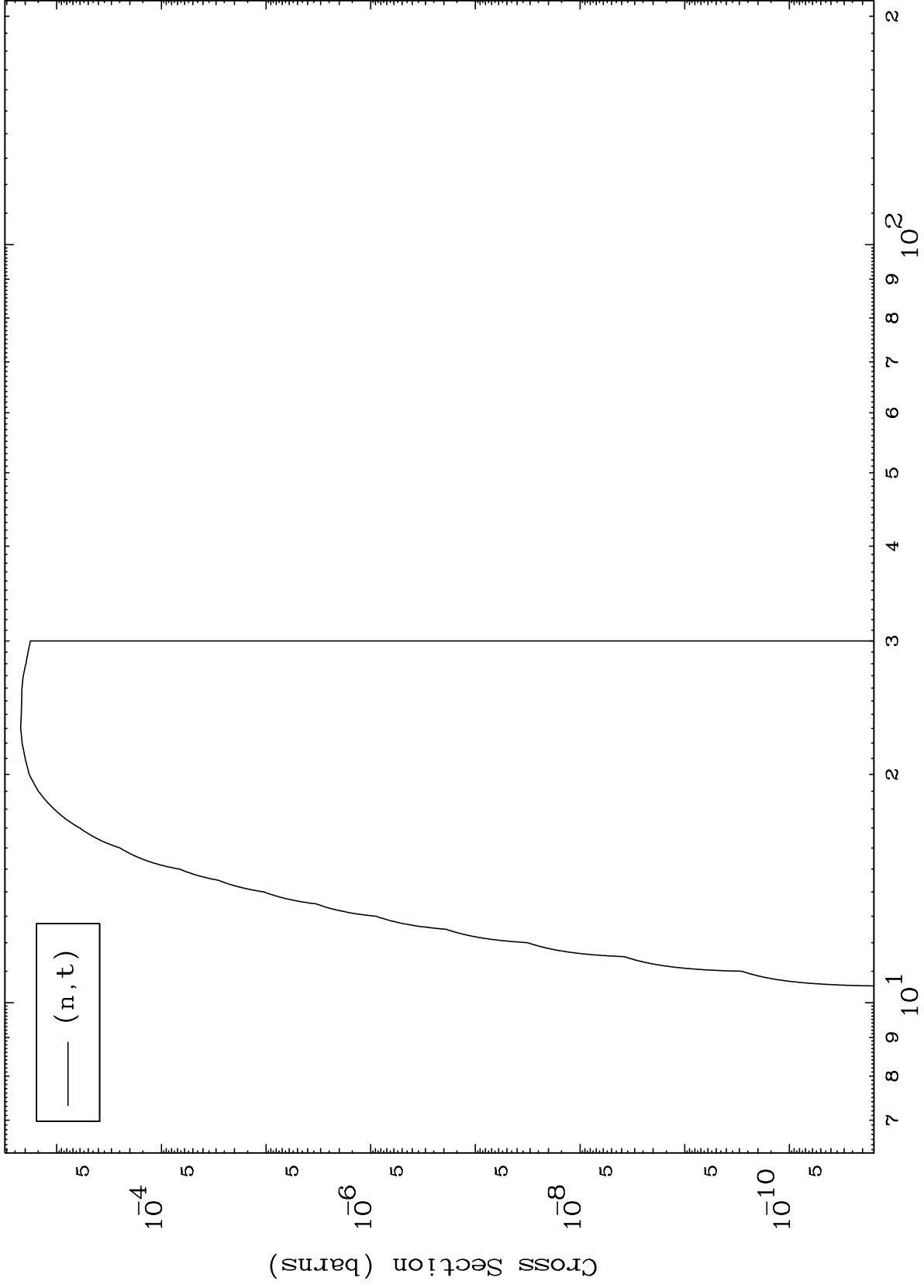
Incident Energy (MeV)

62-Sm-130

MAT 6183

(n,t) Levels  
293 Kelvin Cross Sections

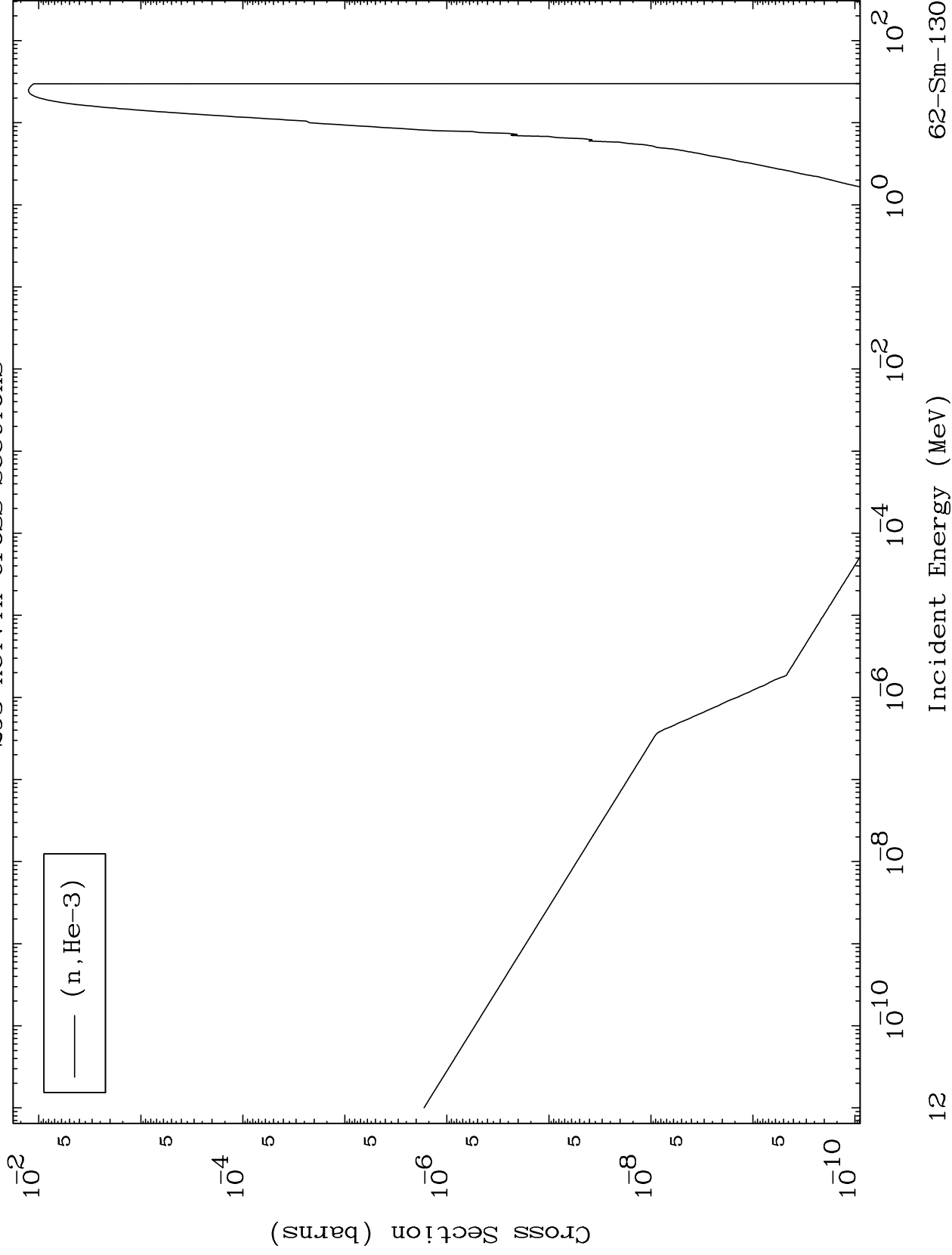
62-Sm-130



MAT 6183

(n,He3) Levels  
293 Kelvin Cross Sections

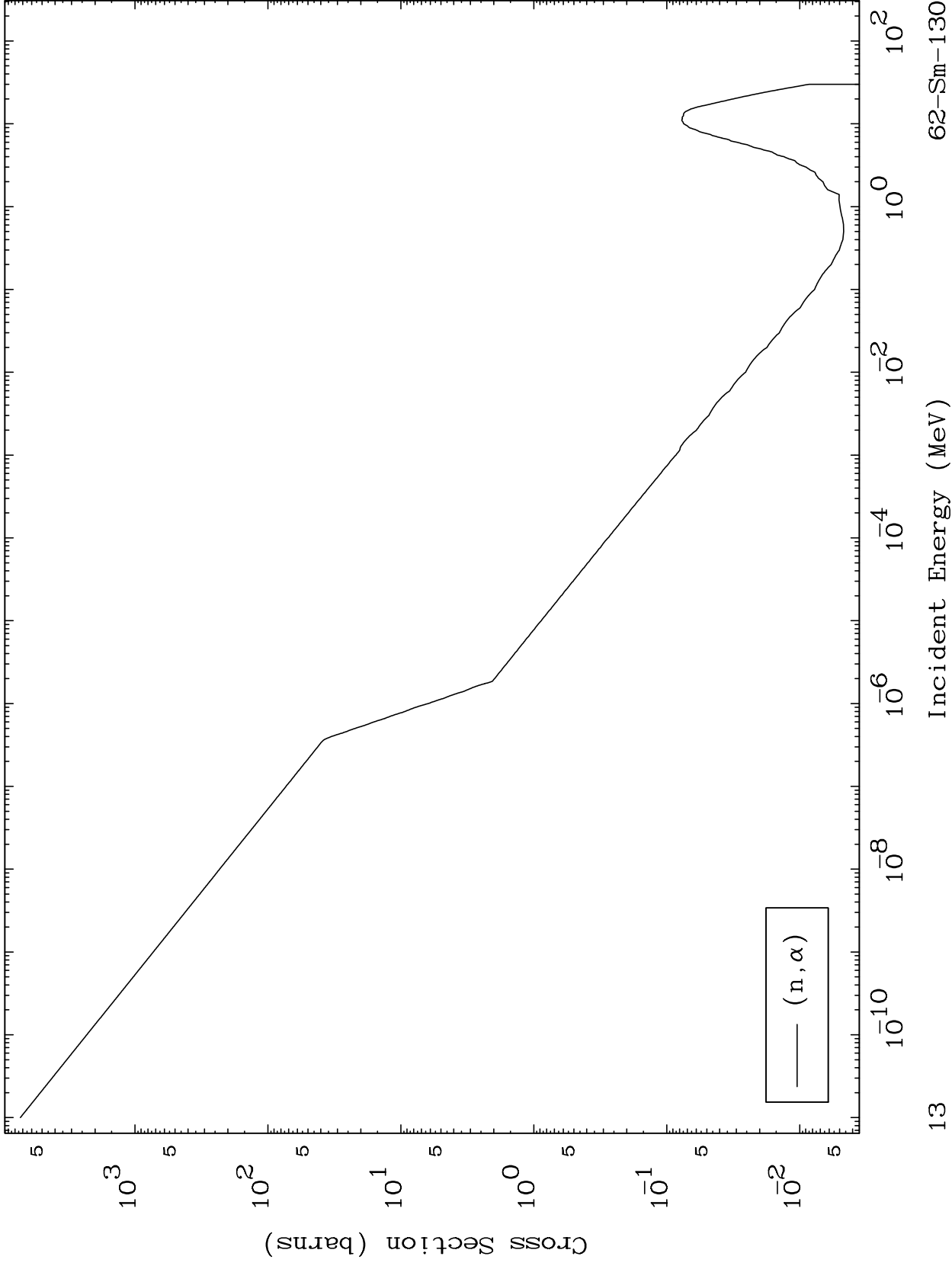
62-Sm-130

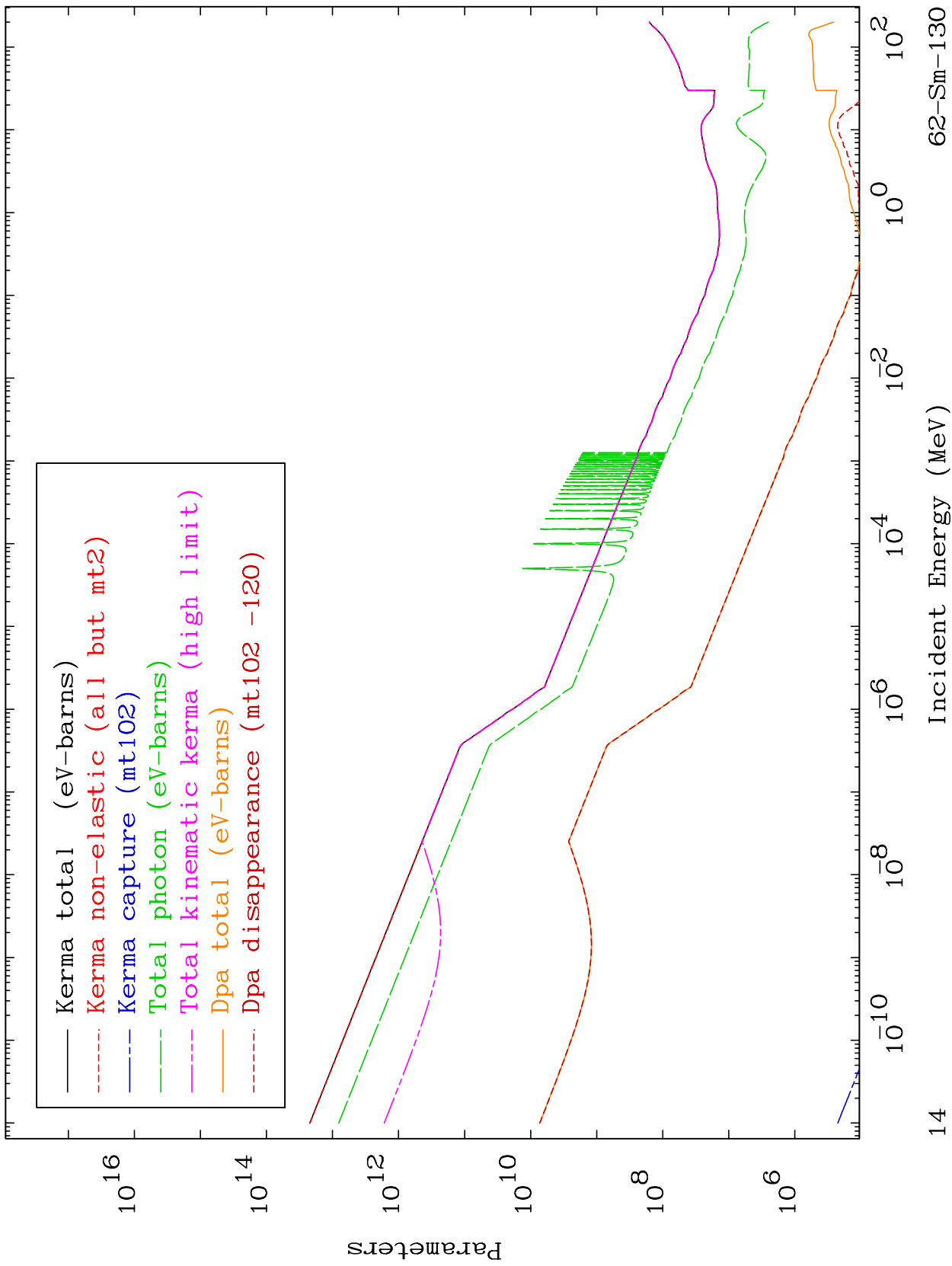


MAT 6183

(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-130

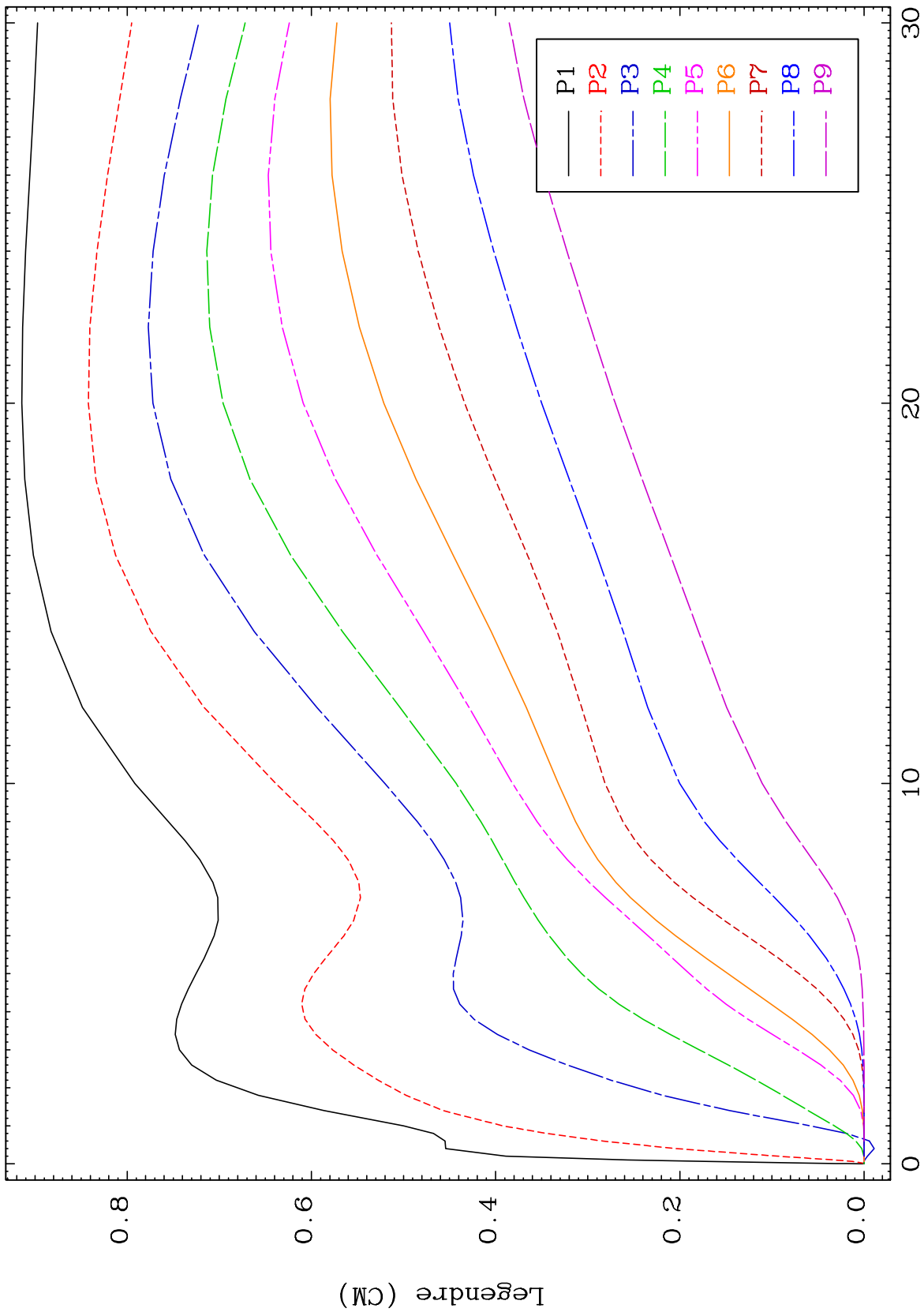




MAT 6183

Elastic Legendre Coefficients

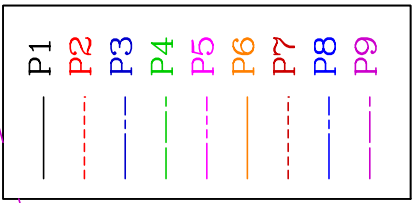
$^{62}\text{Sm}-130$



15

Incident Energy (MeV)

$^{62}\text{Sm}-130$

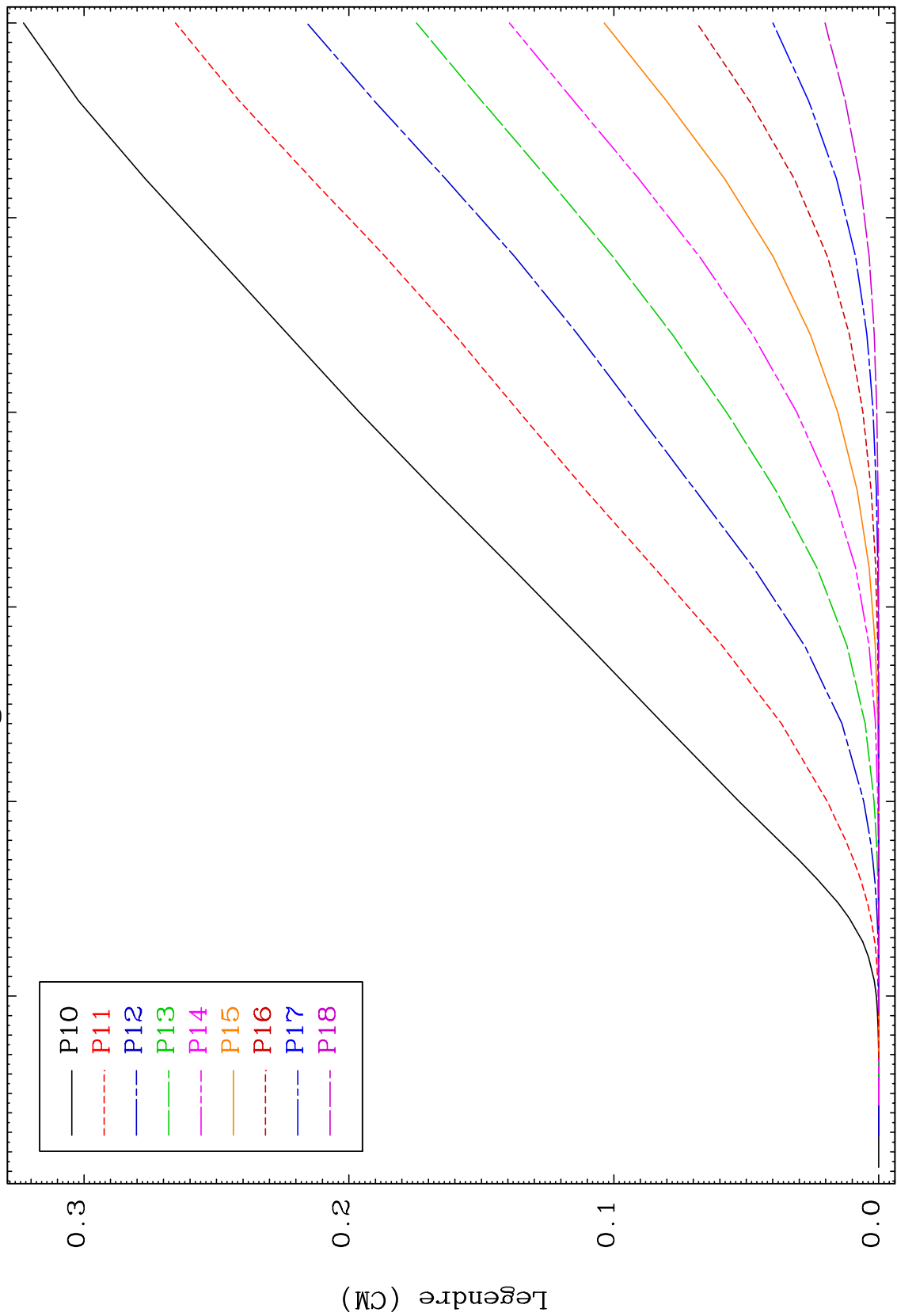




MAT 6183

Elastic Legendre Coefficients

62-Sm-130



16

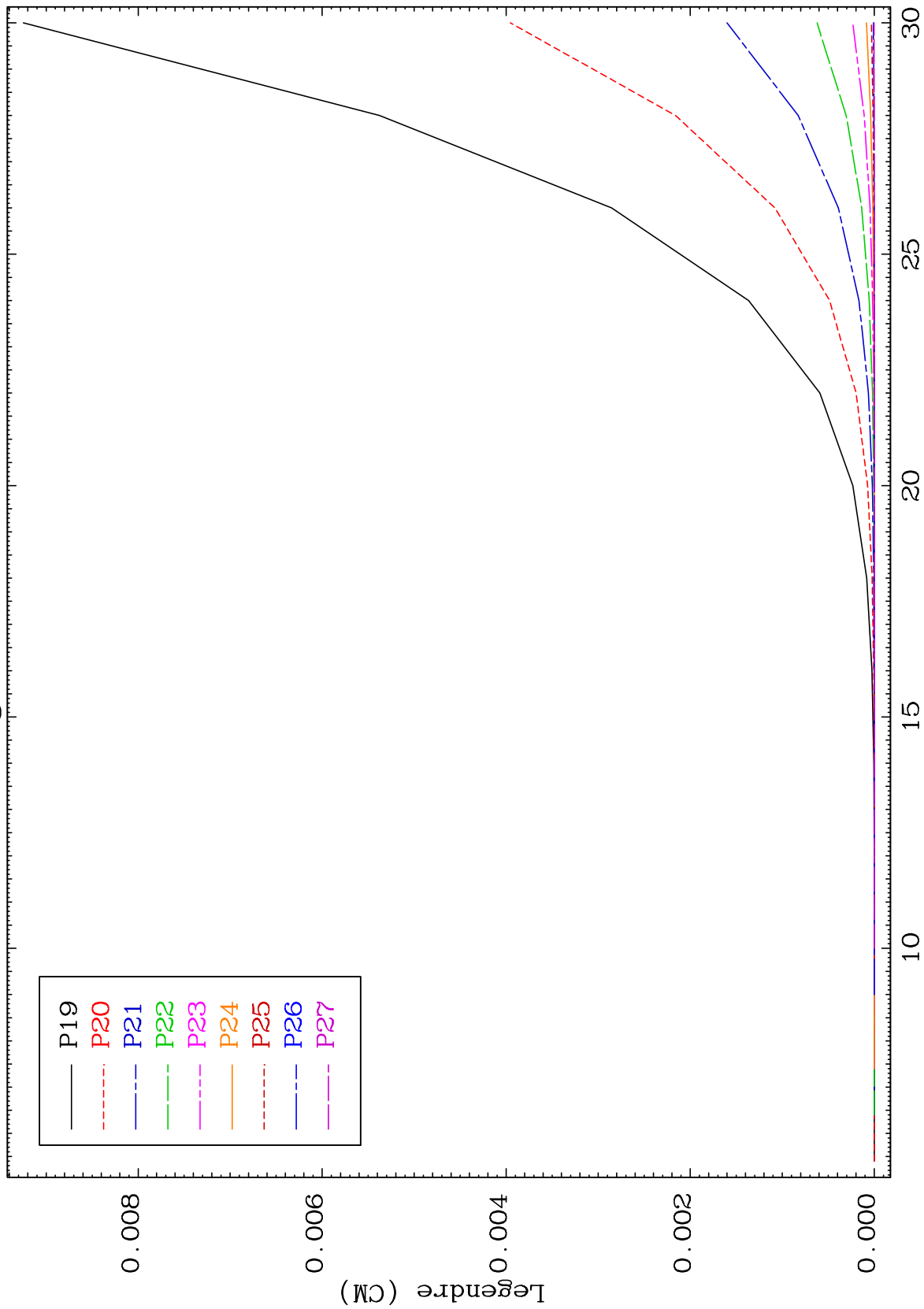
Incident Energy (MeV)

62-Sm-130

MAT 6183

### Elastic Legendre Coefficients

62-Sm-130



17

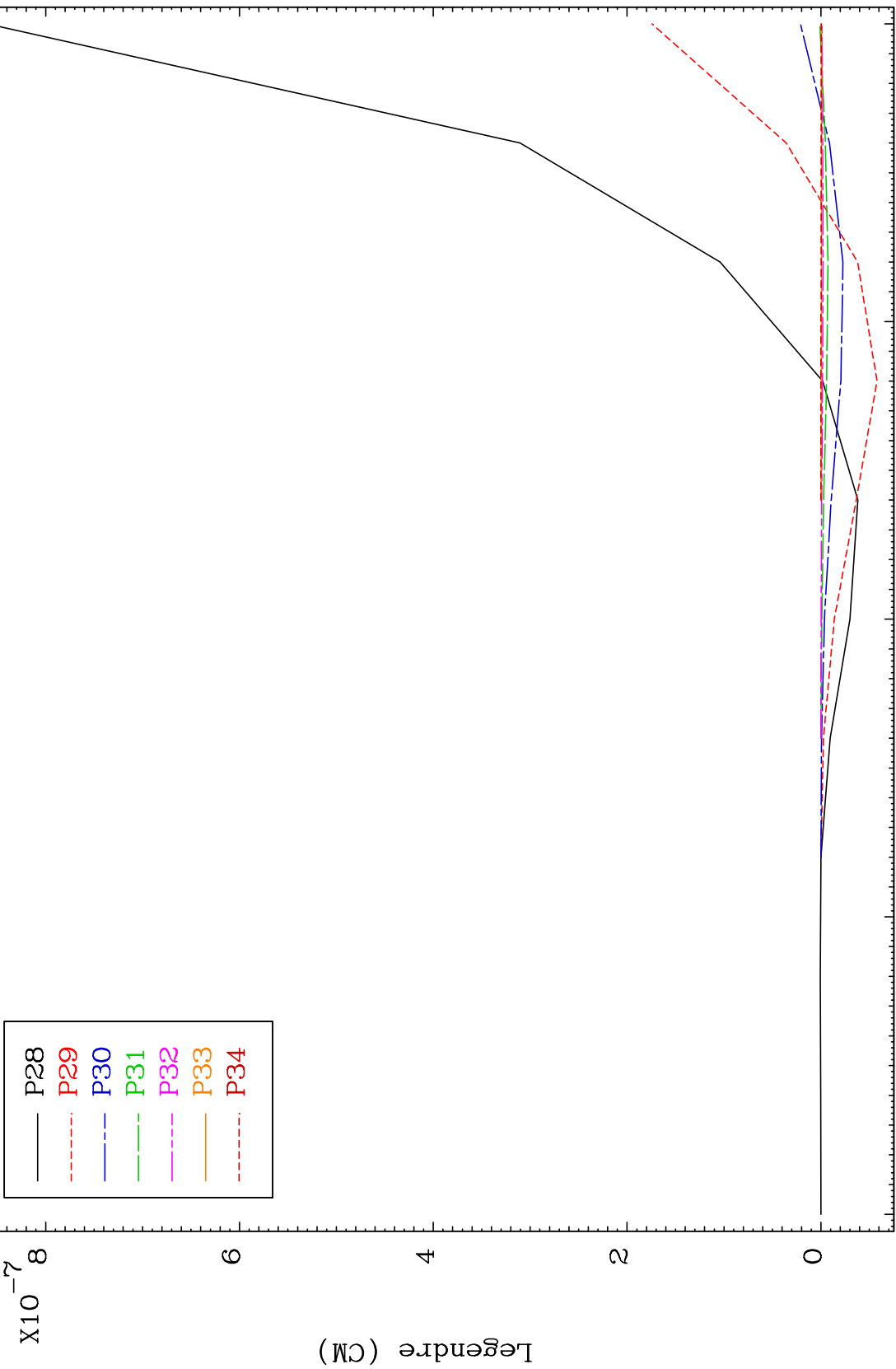
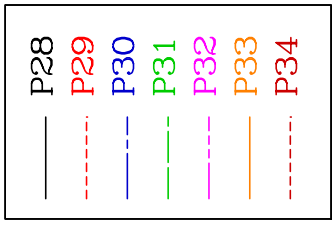
Incident Energy (MeV)

62-Sm-130

MAT 6183

Elastic Legendre Coefficients

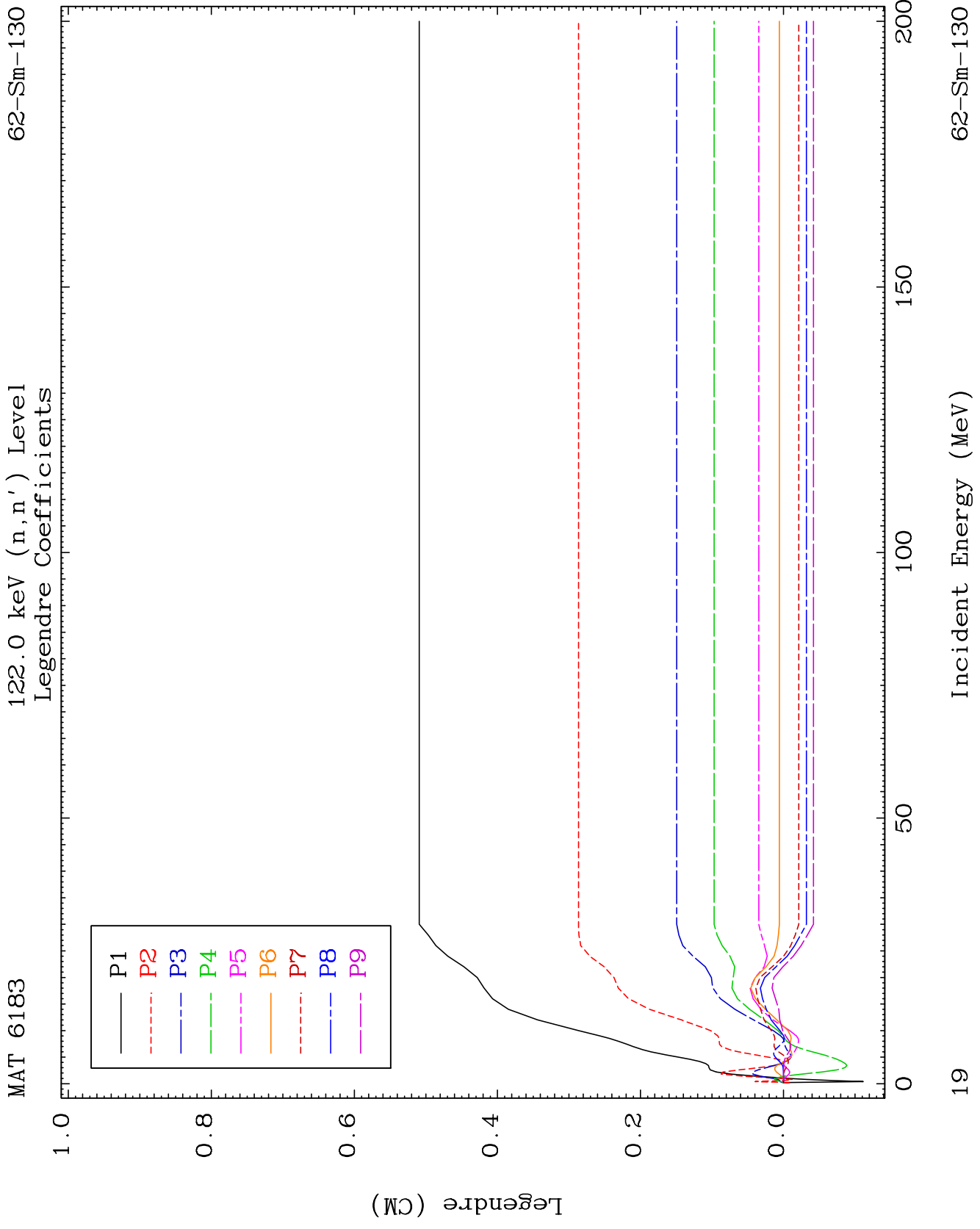
<sup>62</sup>Sm-130



18

Incident Energy (MeV)

<sup>62</sup>Sm-130

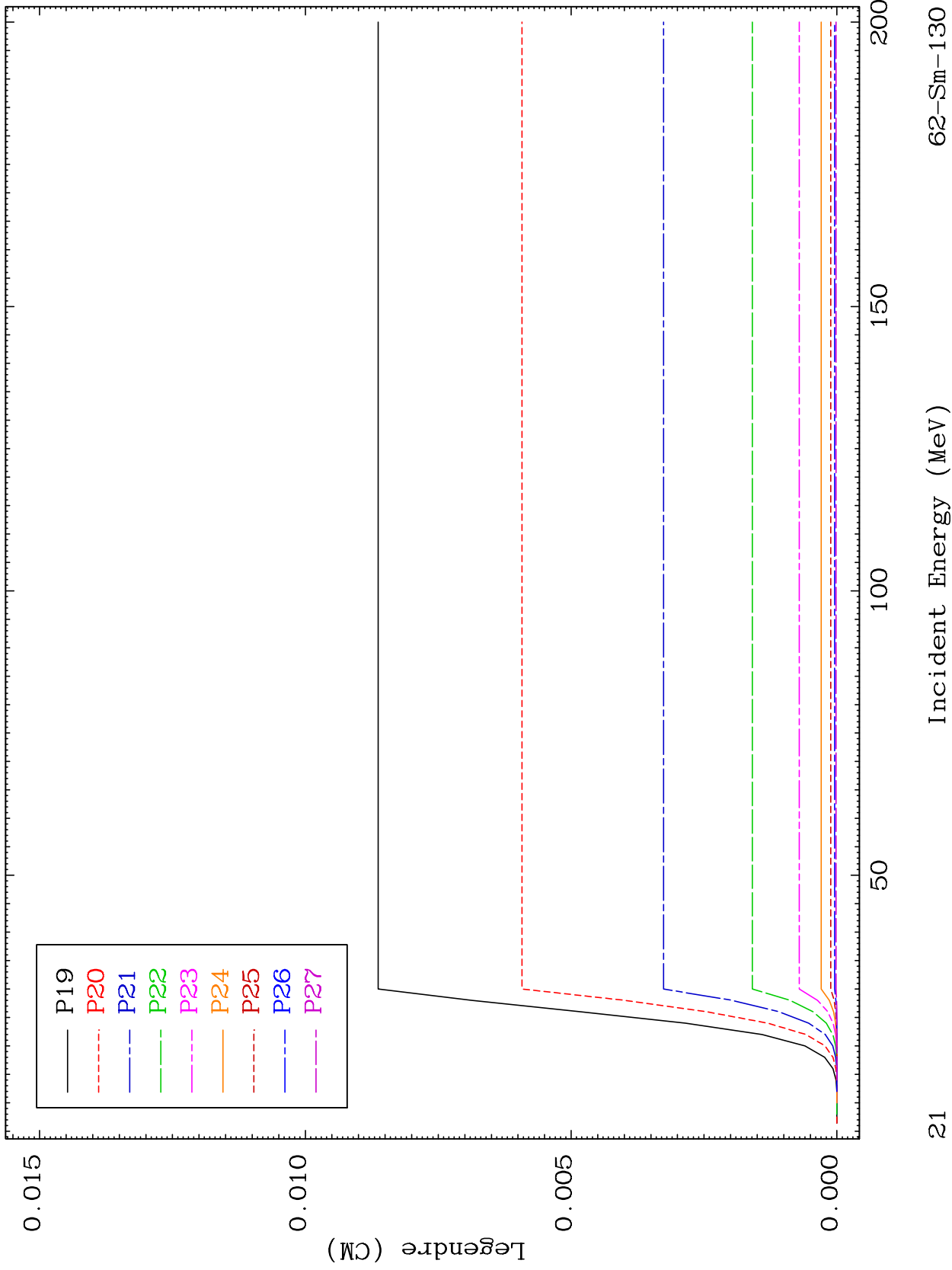


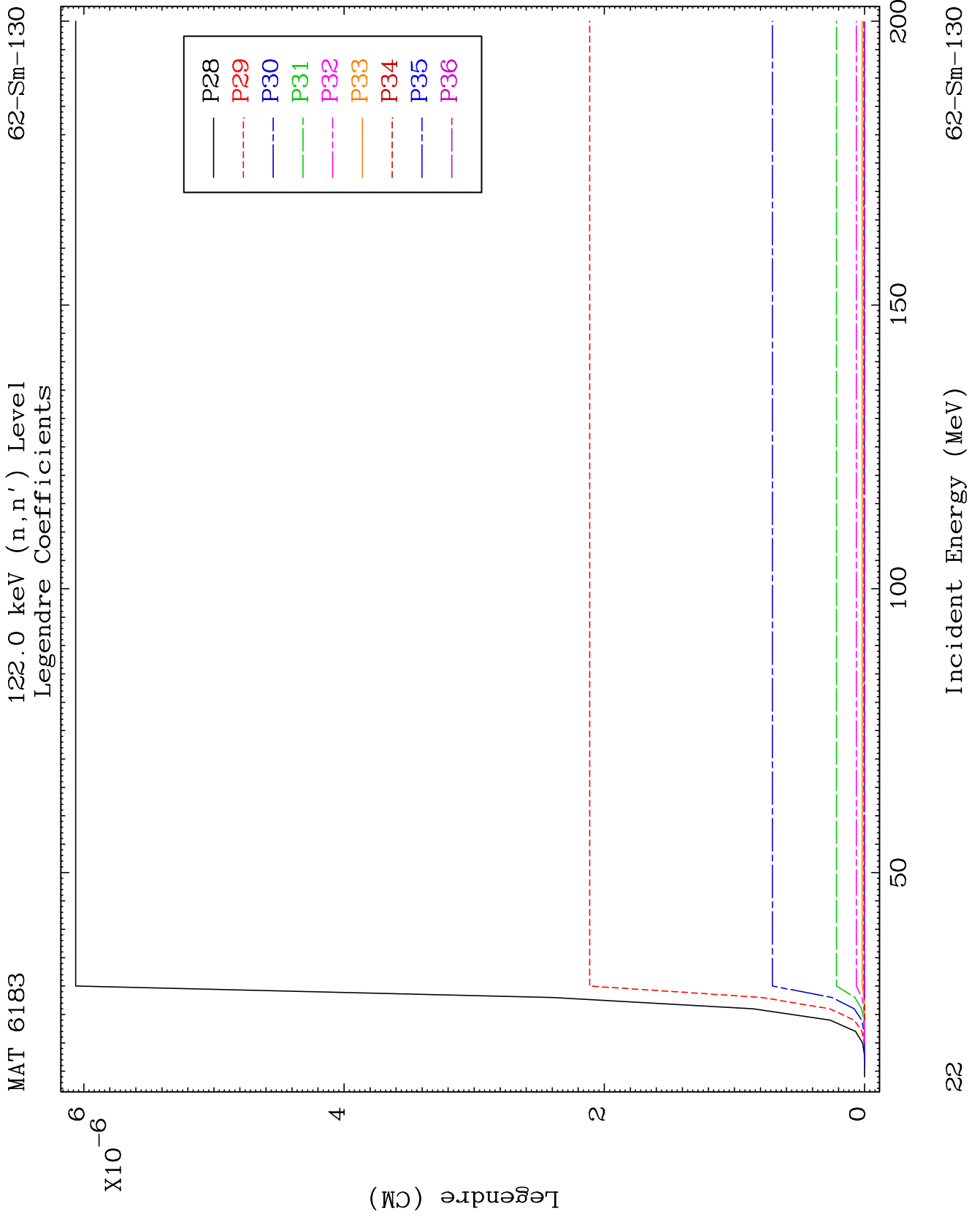


MAT 6183

122.0 keV (n,n') Level  
Legendre Coefficients

62-Sm-130





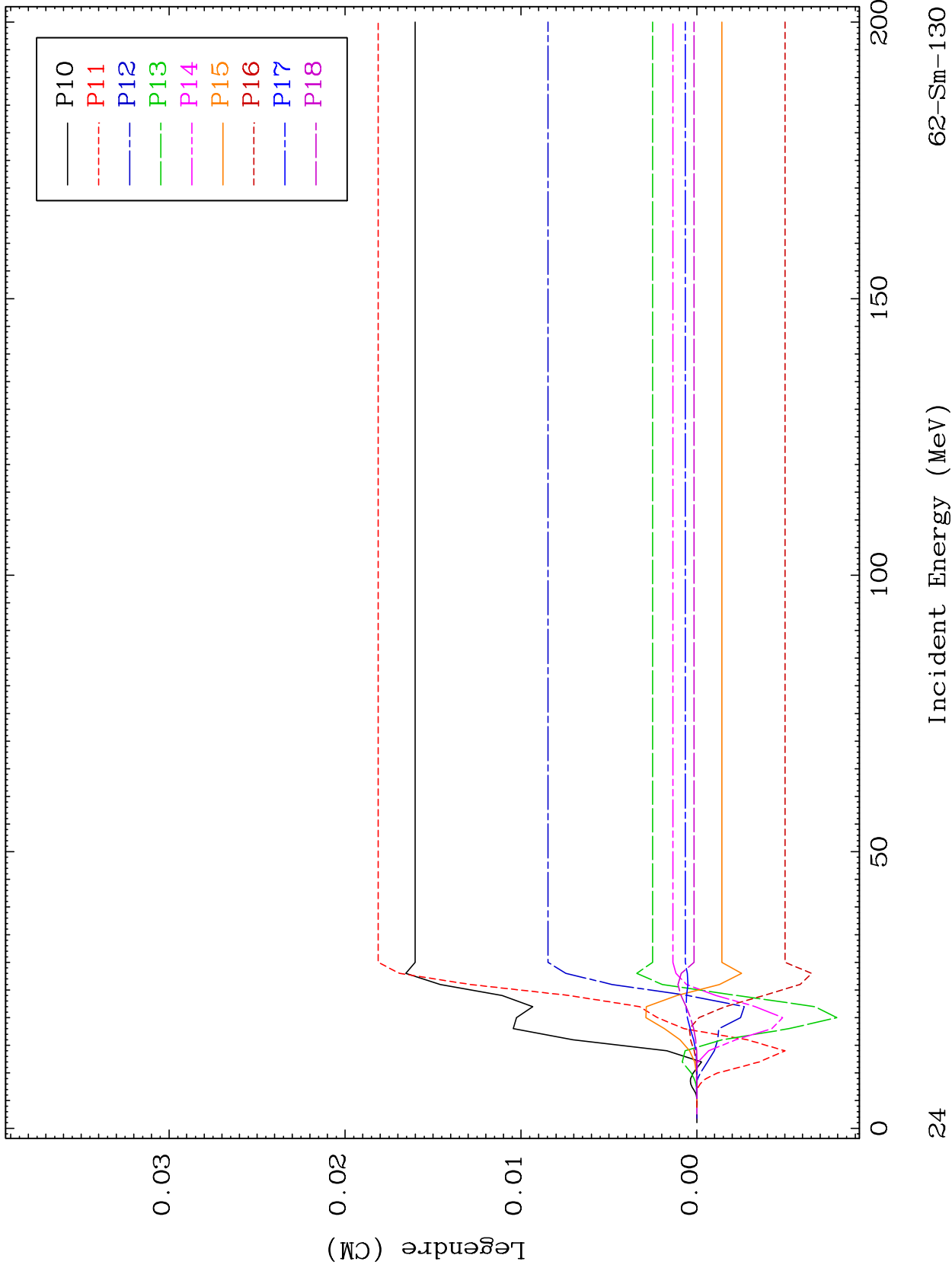




MAT 6183

812.6 keV (n,n') Level  
Legendre Coefficients

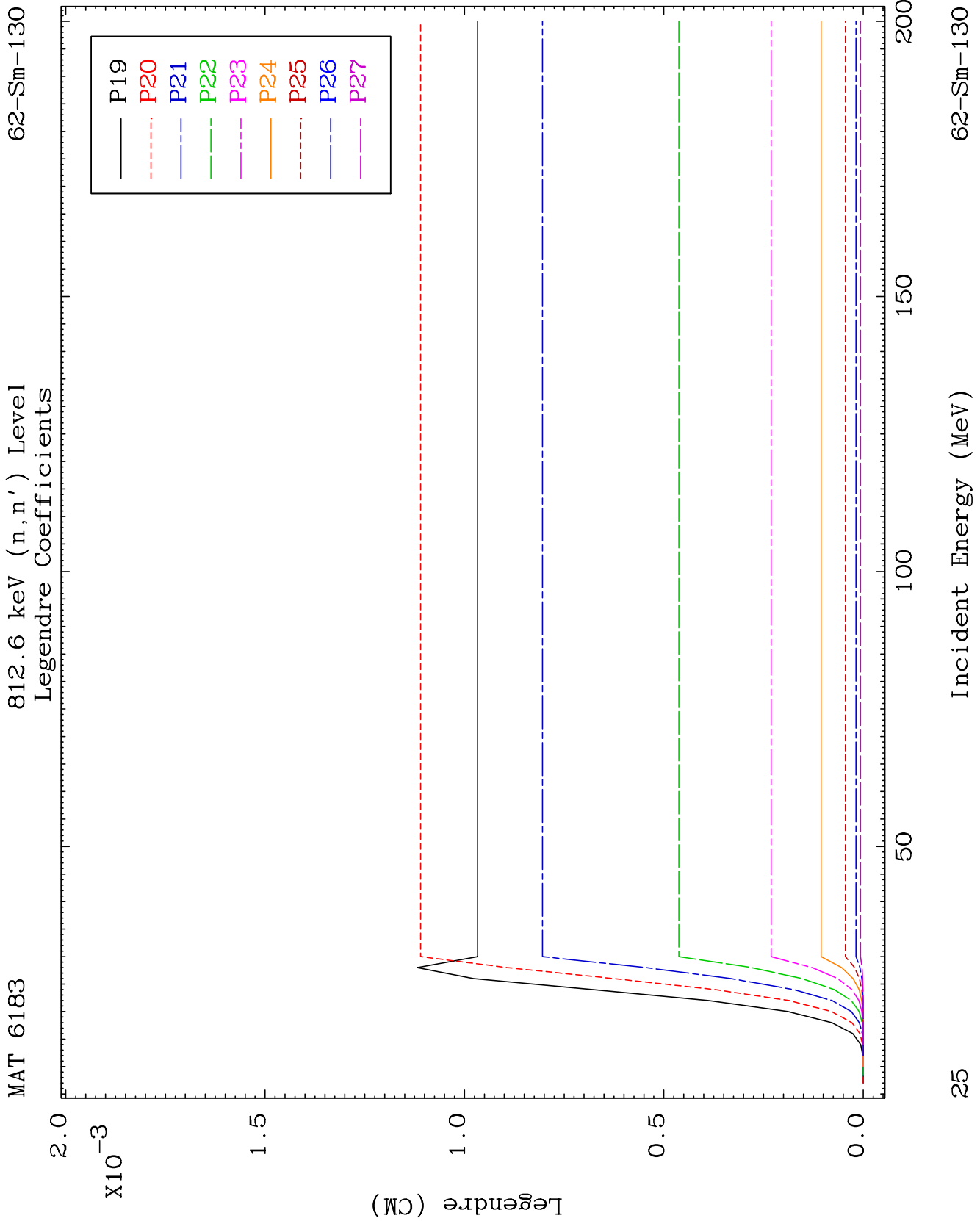
62-Sm-130

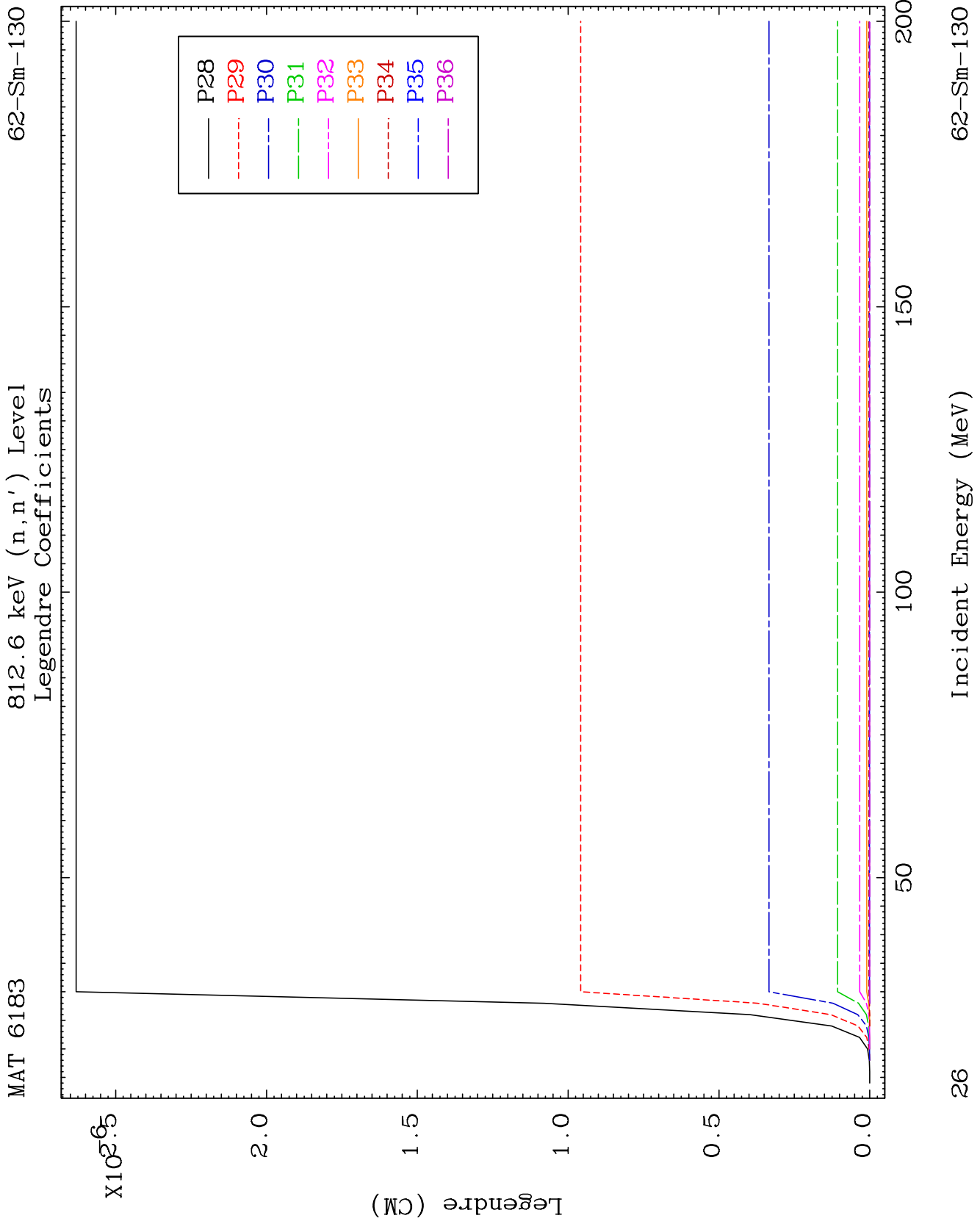


62-Sm-130

Incident Energy (MeV)

24

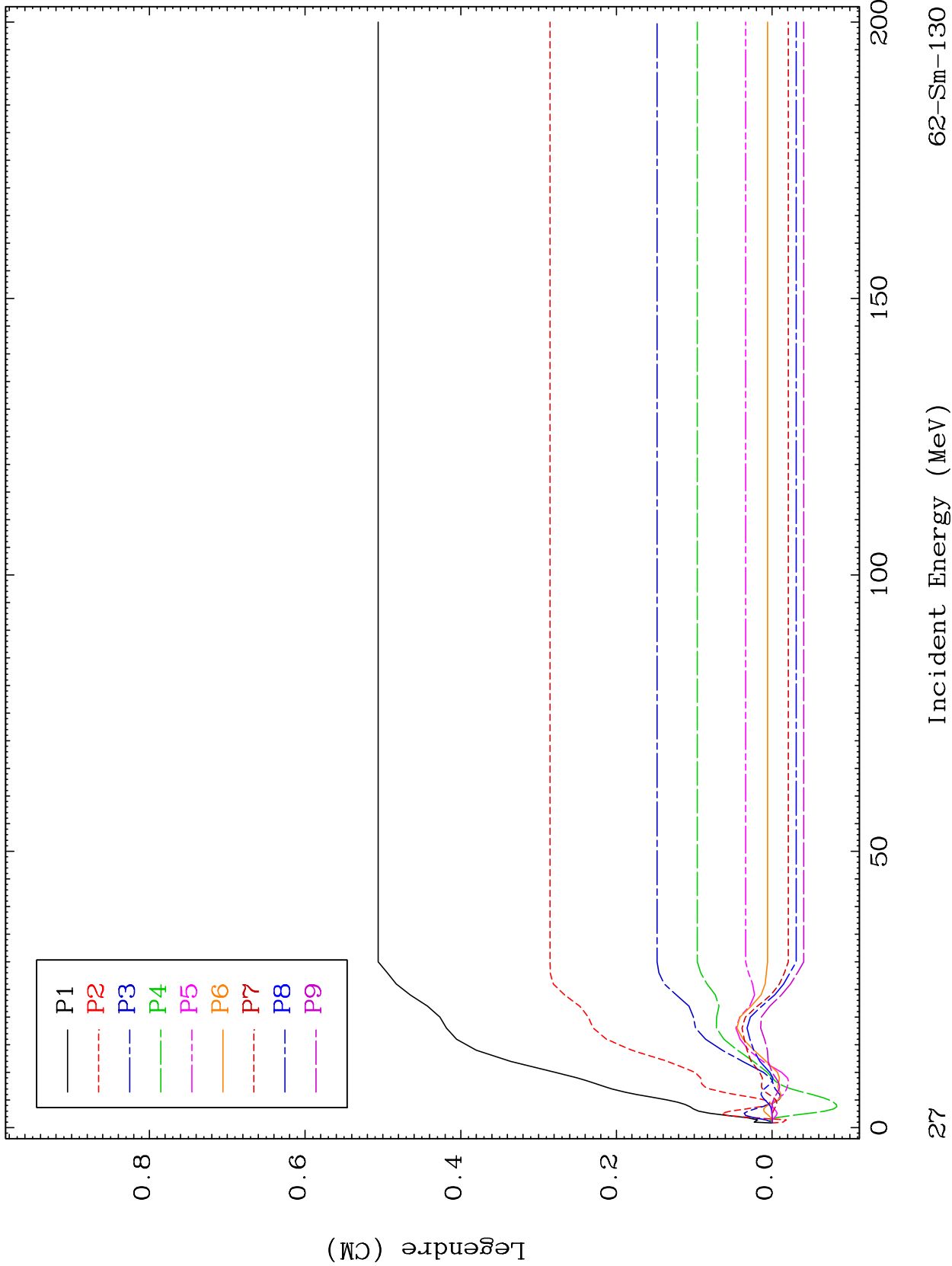


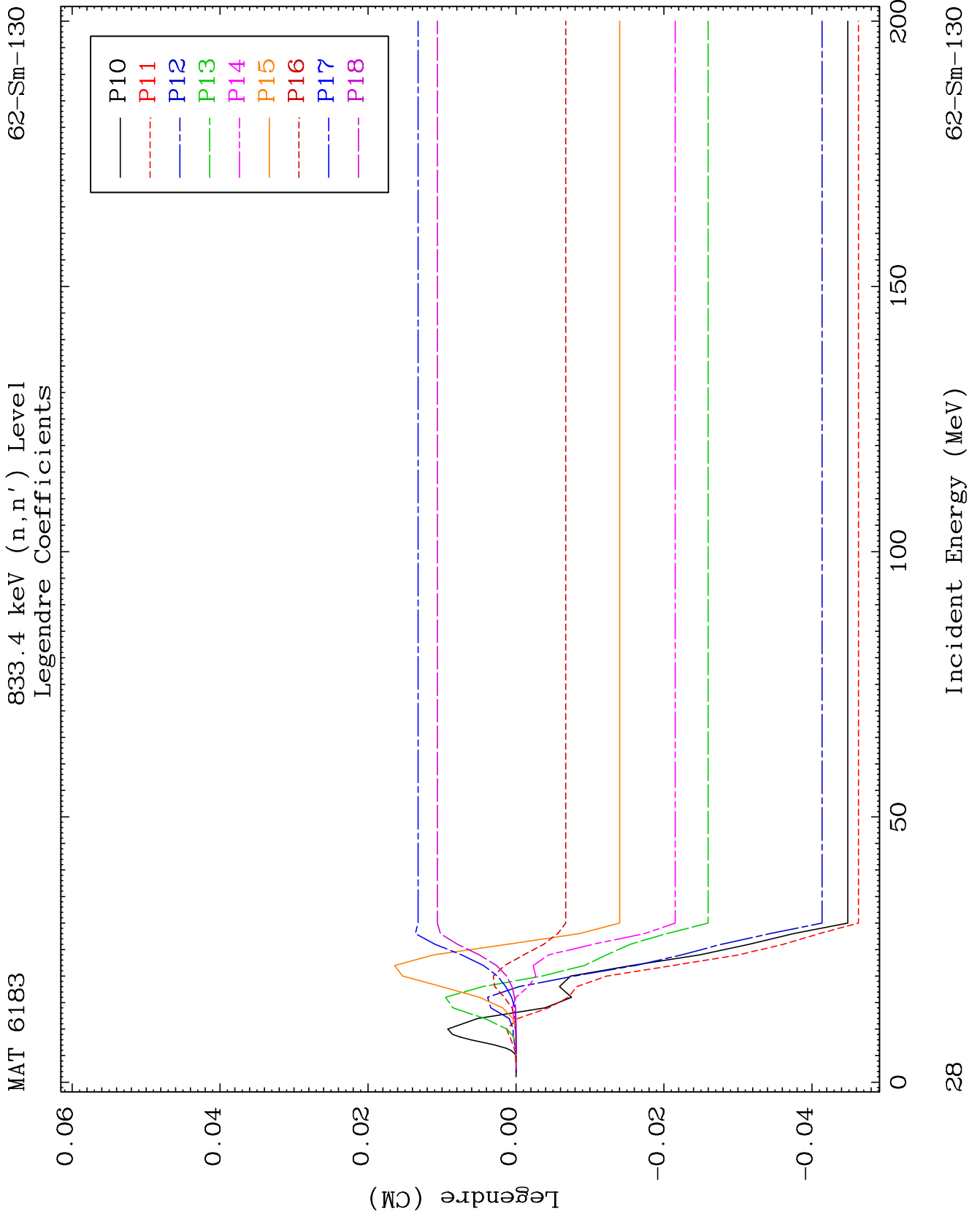


MAT 6183

833.4 keV (n,n') Level  
Legendre Coefficients

62-Sm-130

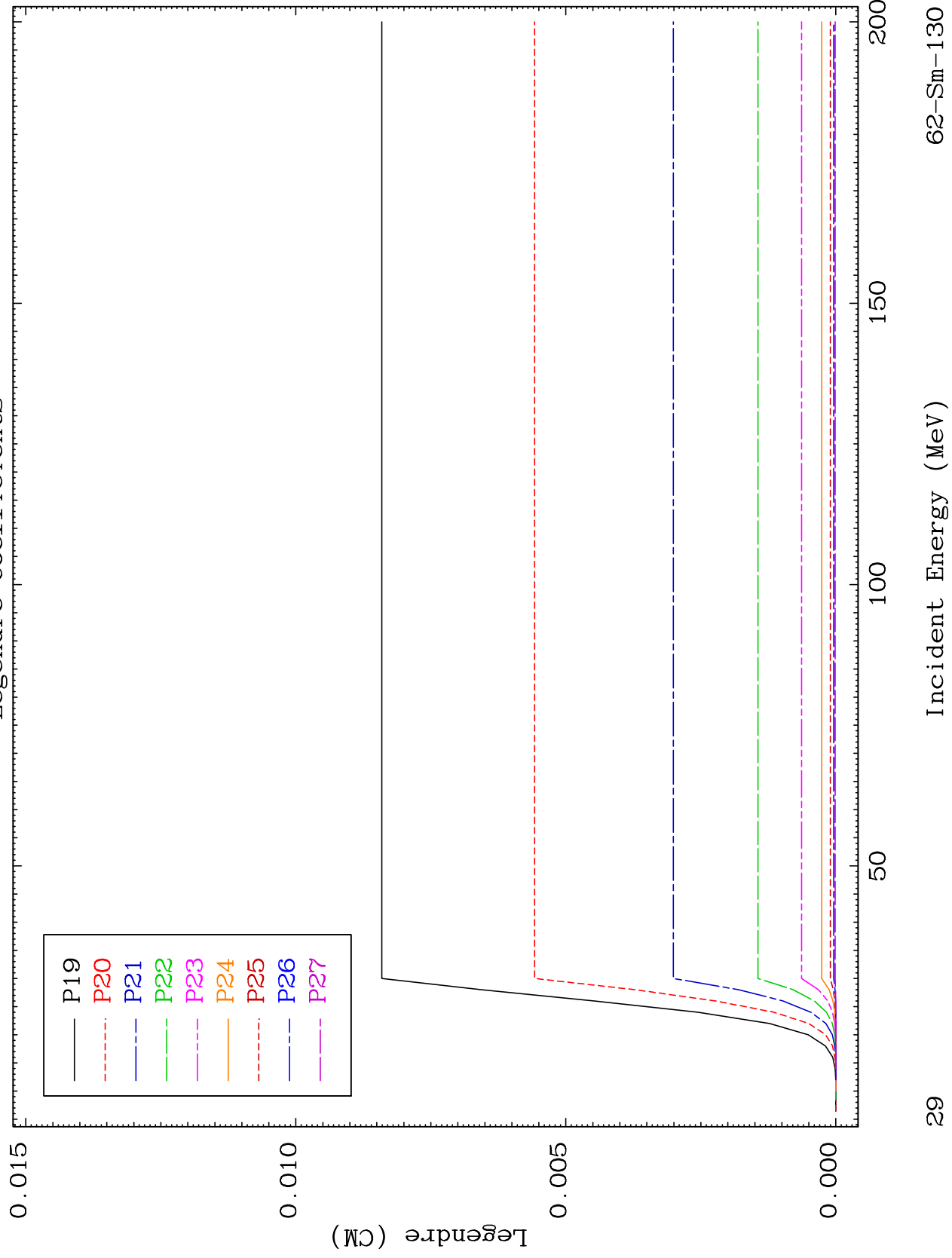




MAT 6183

833.4 keV (n,n') Level  
Legendre Coefficients

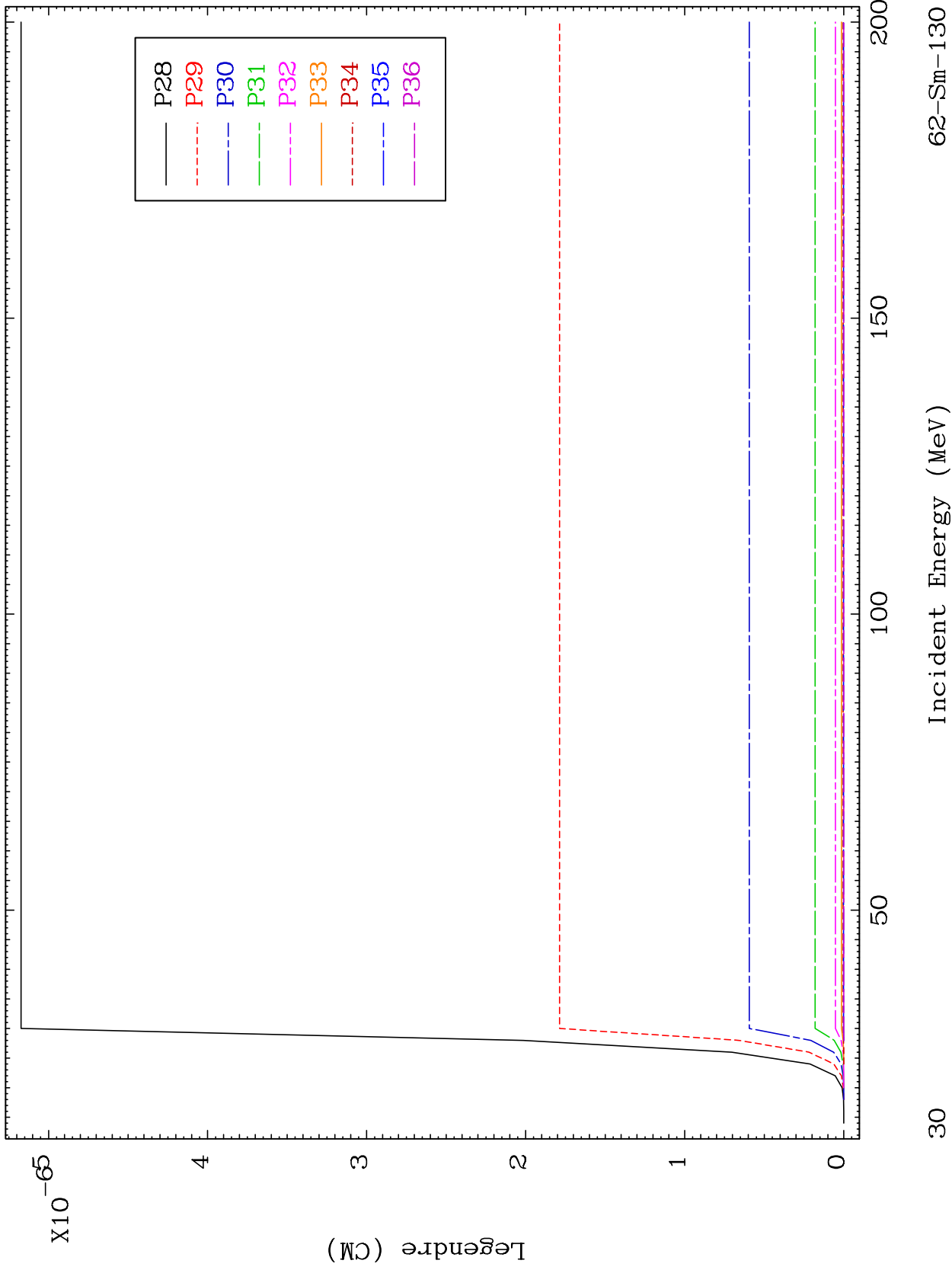
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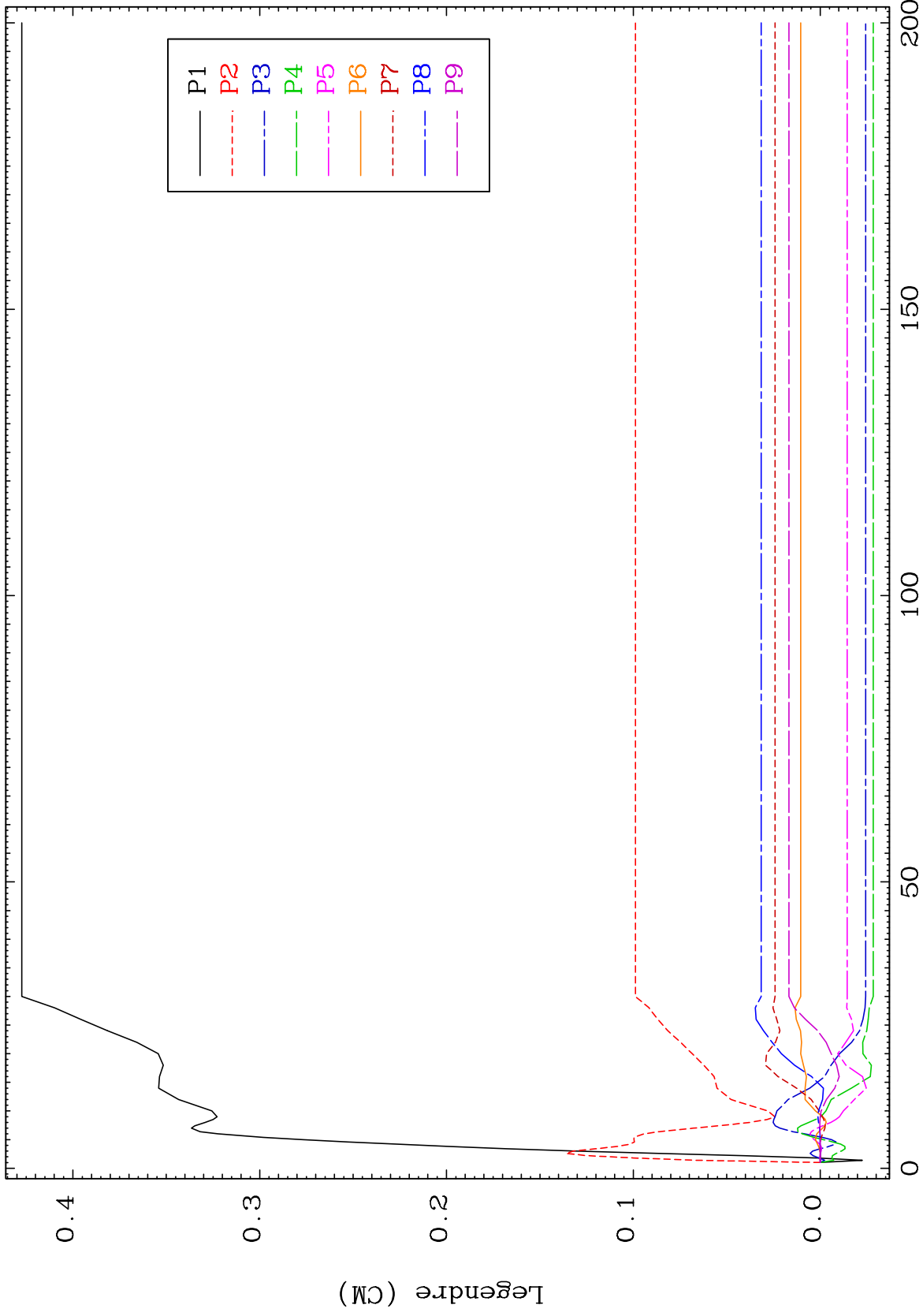


MAT 6183

833.4 keV (n,n') Level  
Legendre Coefficients

62-Sm-130



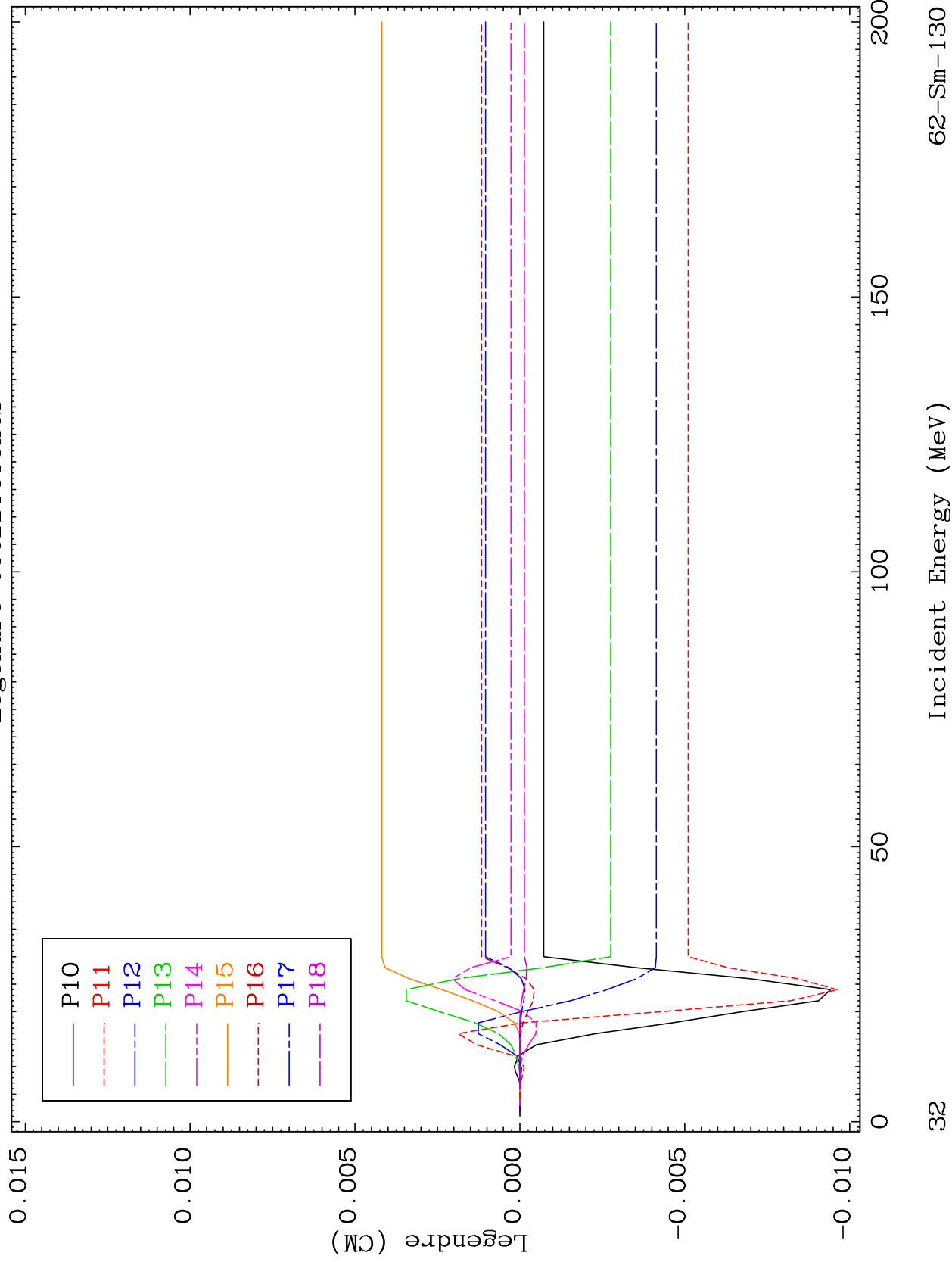




MAT 6183

1.000 MeV (n,n') Level  
Legendre Coefficients

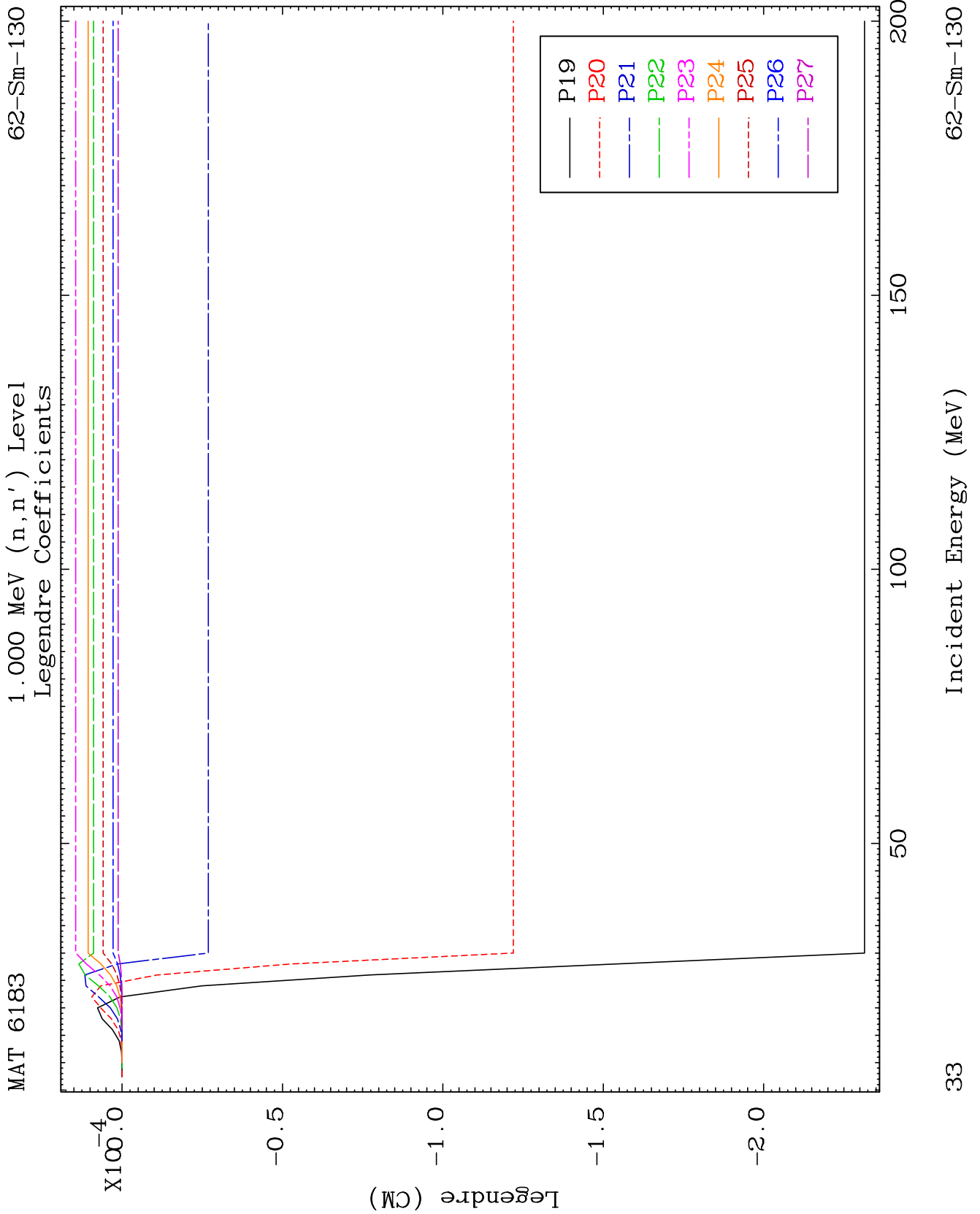
62-Sm-130



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Incident Energy (MeV)

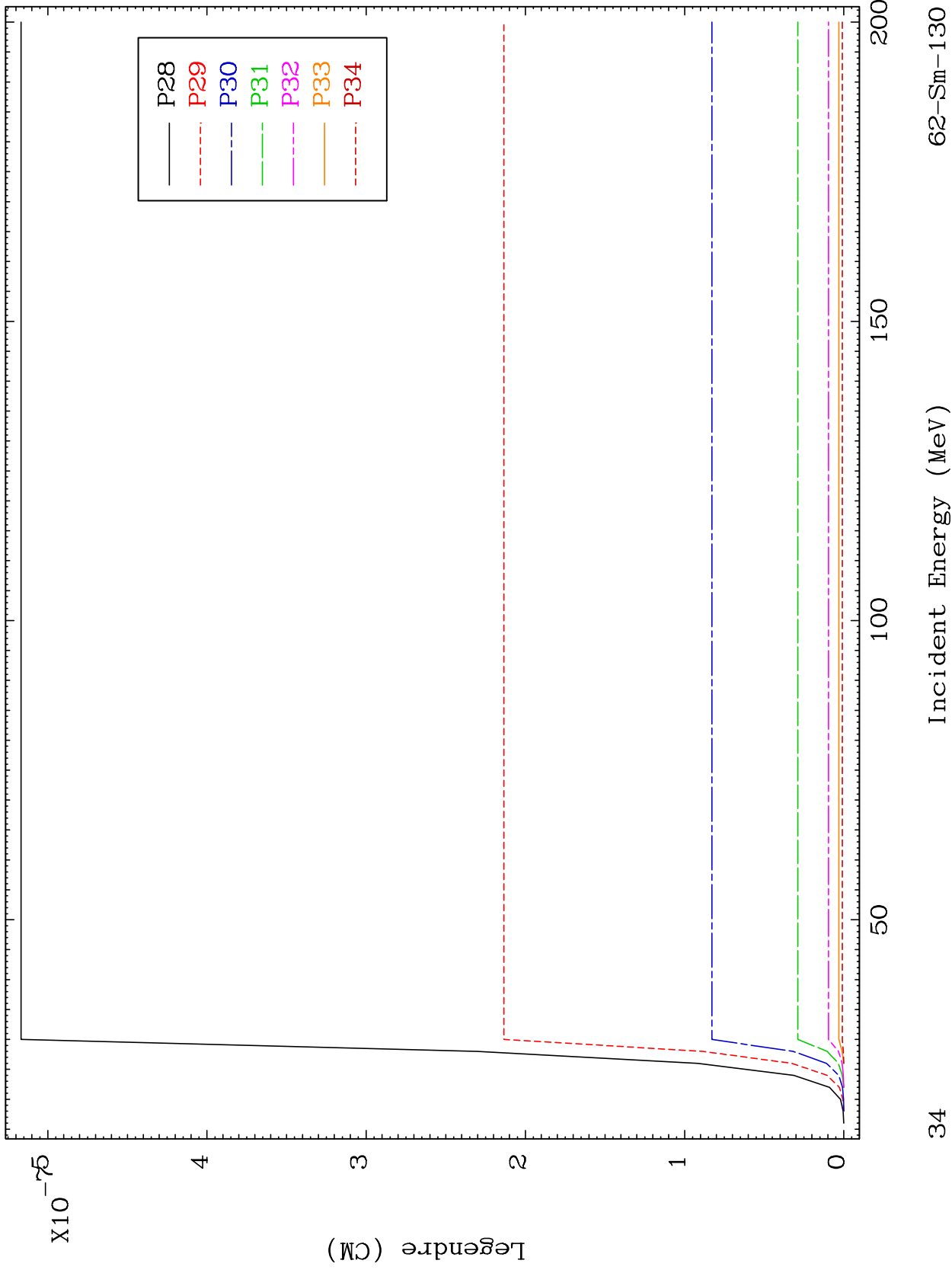
62-Sm-130



MAT 6183

1.000 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



34

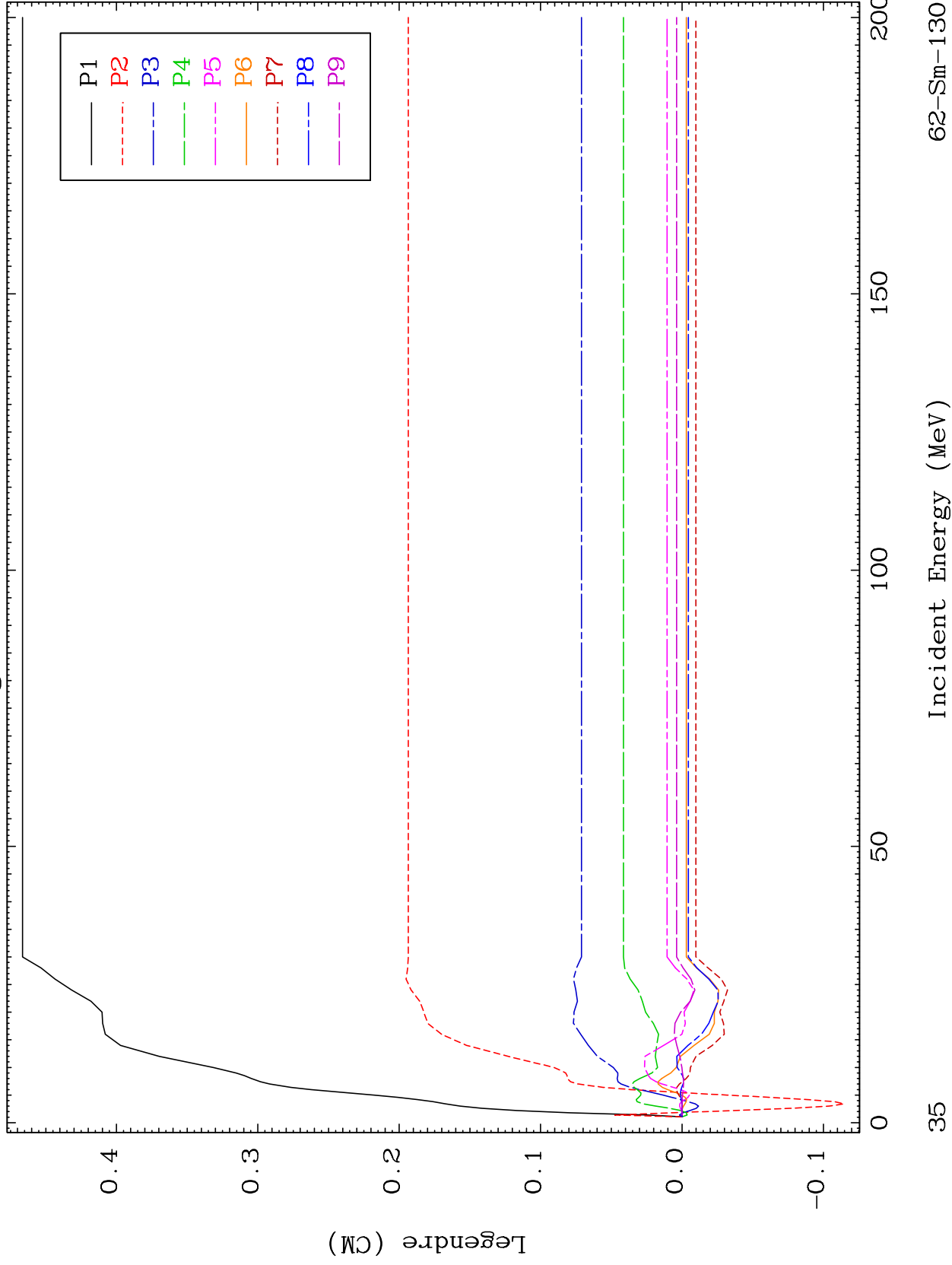
Incident Energy (MeV)

62-Sm-130

MAT 6183

1.042 MeV (n,n') Level  
Legendre Coefficients

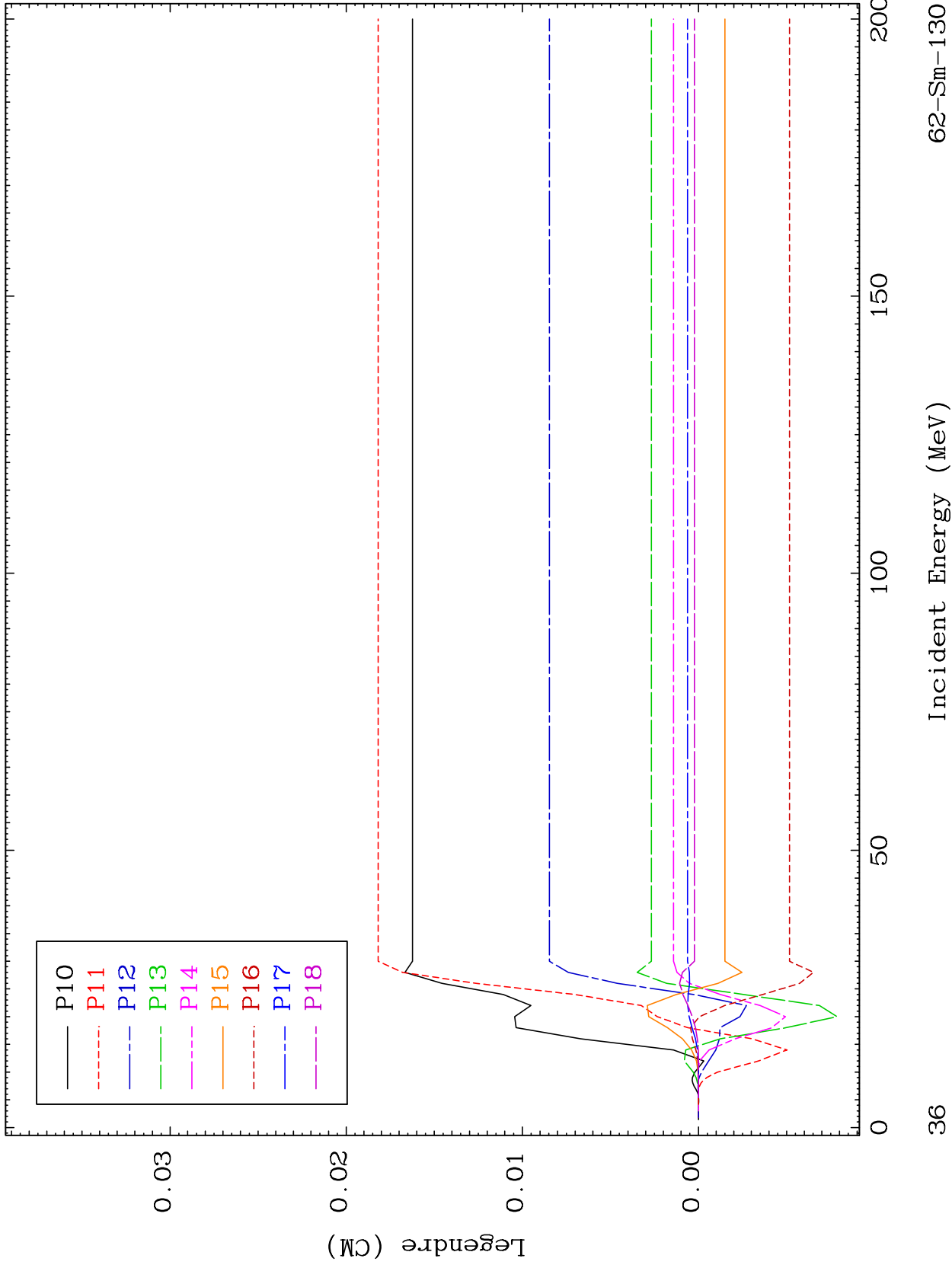
62-Sm-130



62-Sm-130

Incident Energy (MeV)

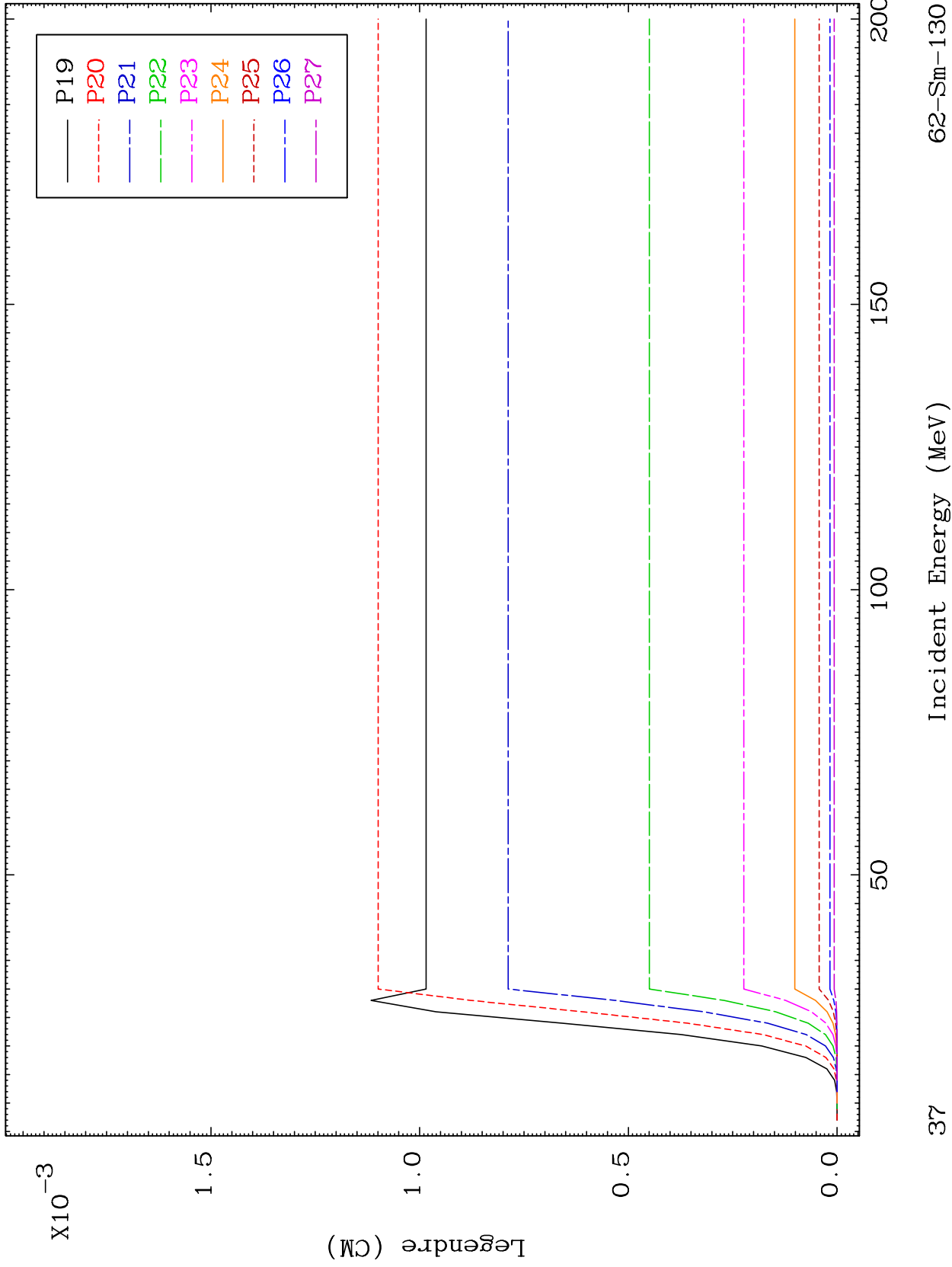
35



MAT 6183

1.042 MeV (n,n') Level  
Legendre Coefficients

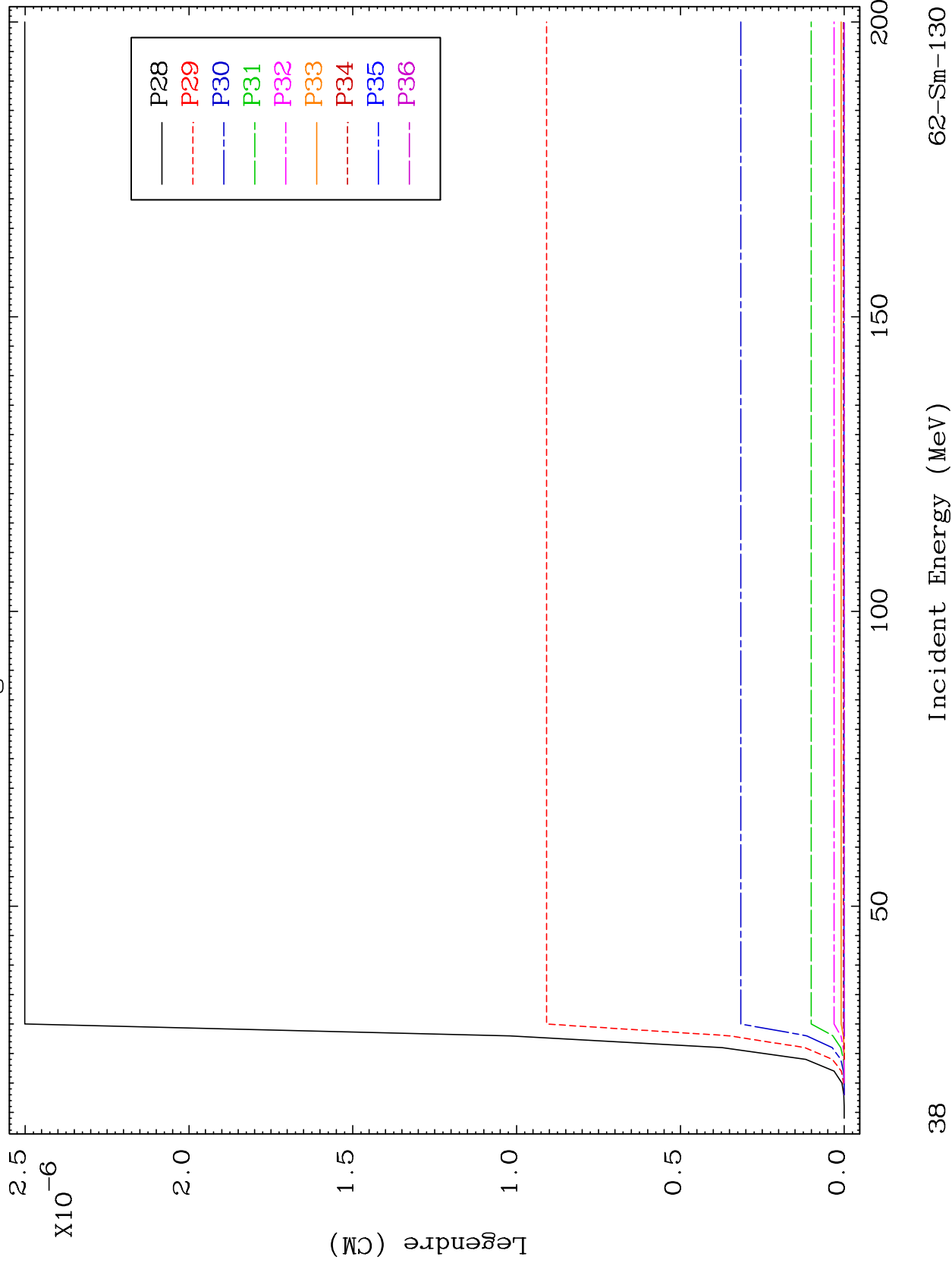
62-Sm-130



MAT 6183

1.042 MeV (n, n') Level  
Legendre Coefficients

62-Sm-130



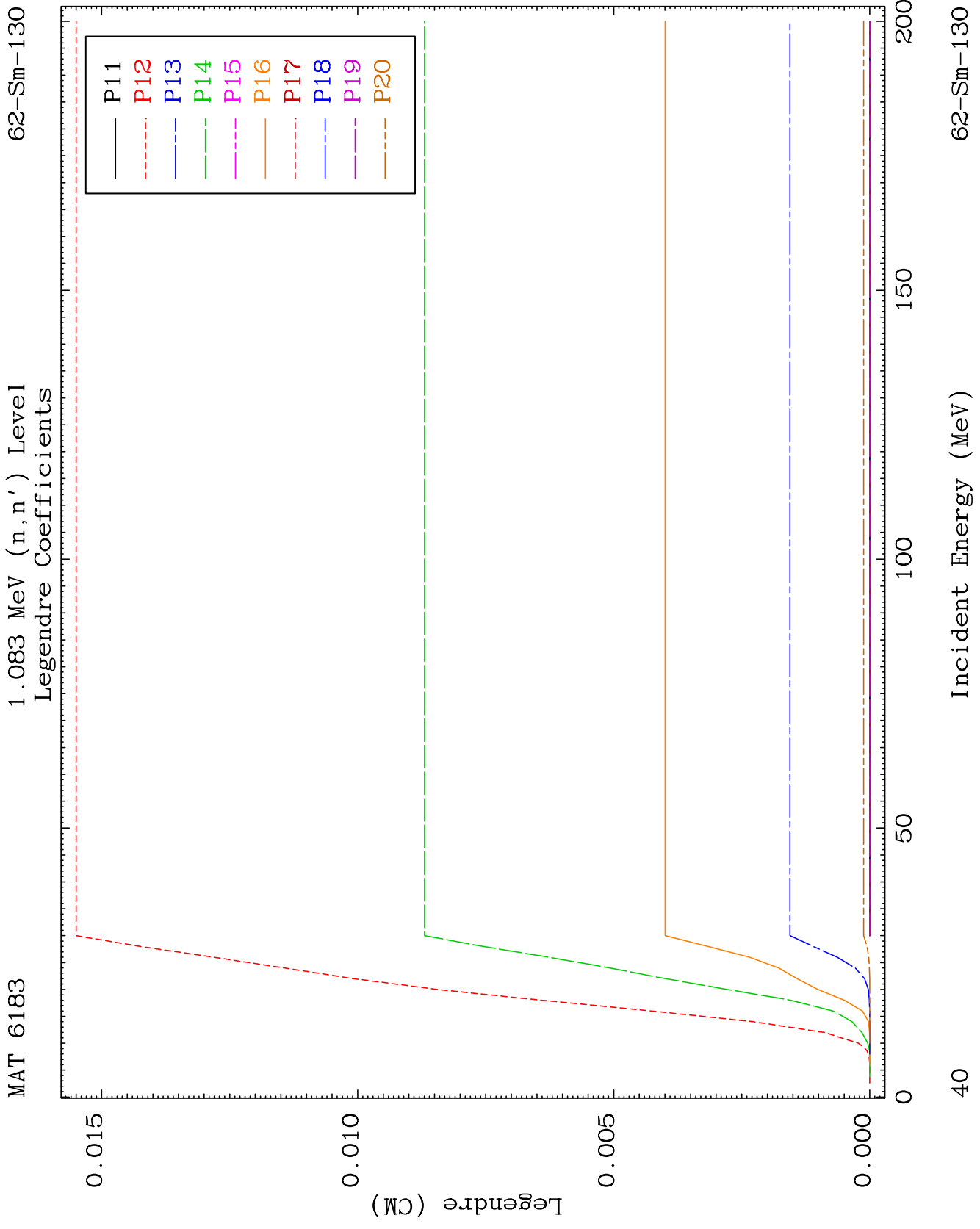
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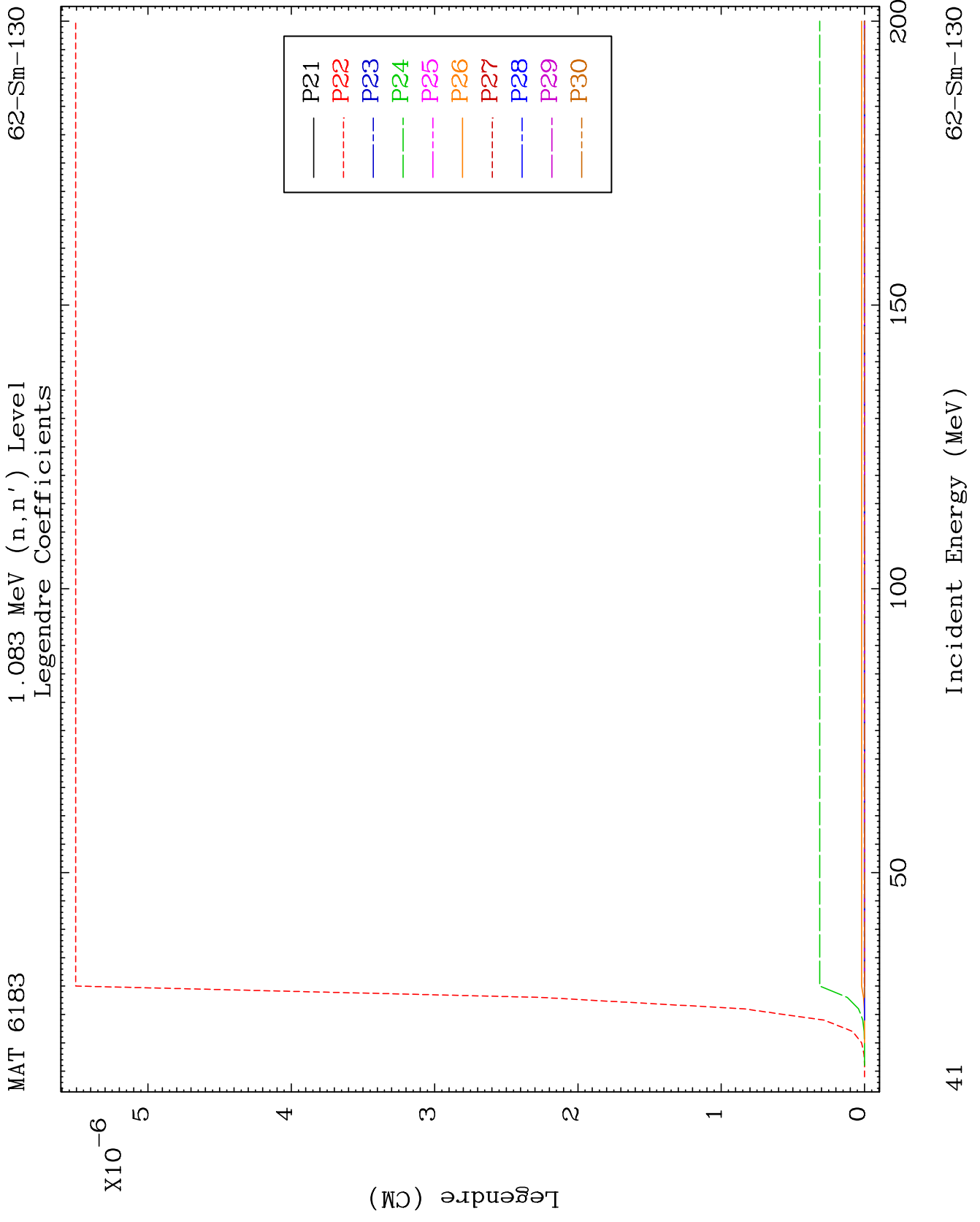
Incident Energy (MeV)

62-Sm-130





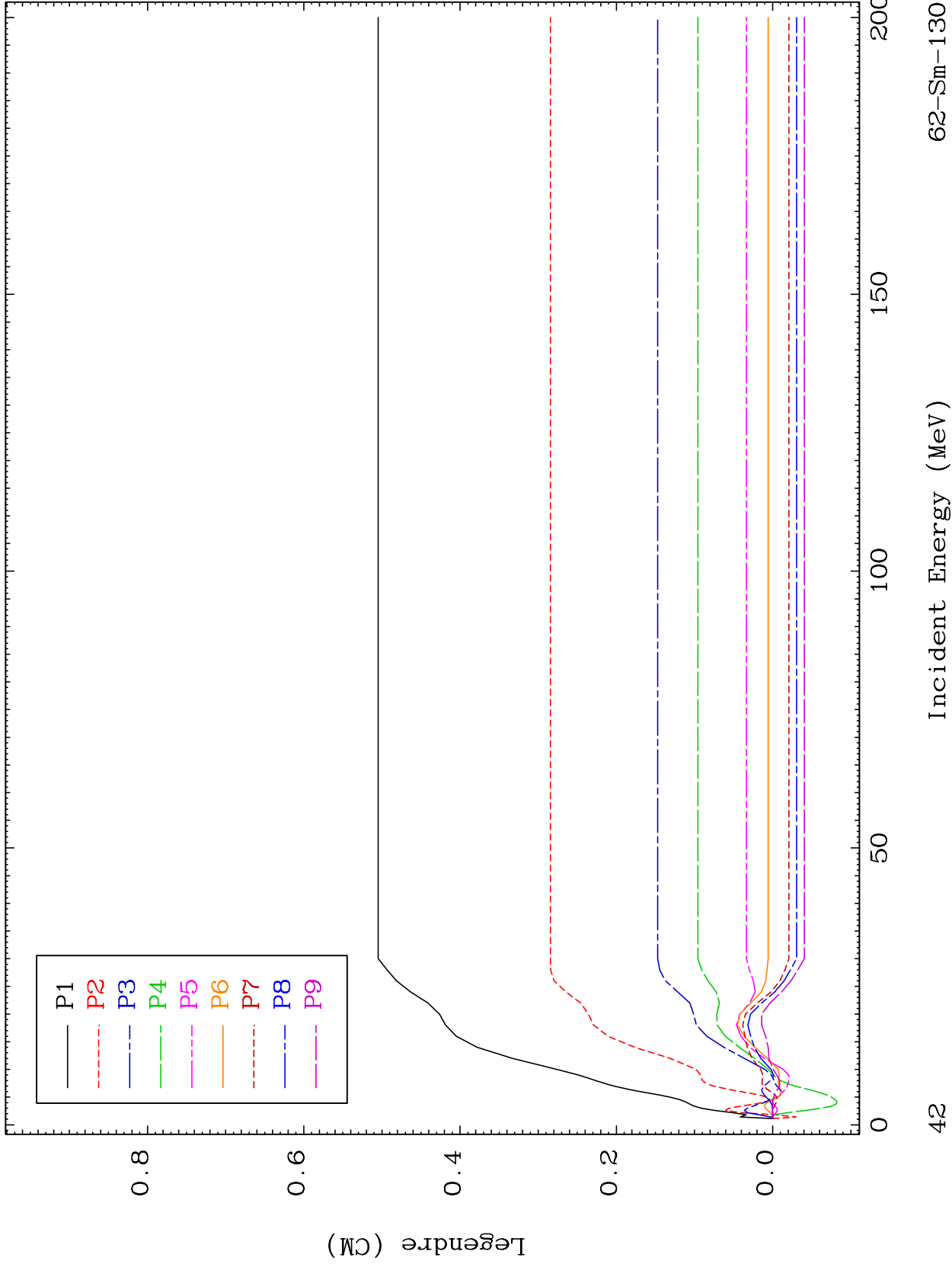




MAT 6183

1.100 MeV (n,n') Level Legendre Coefficients

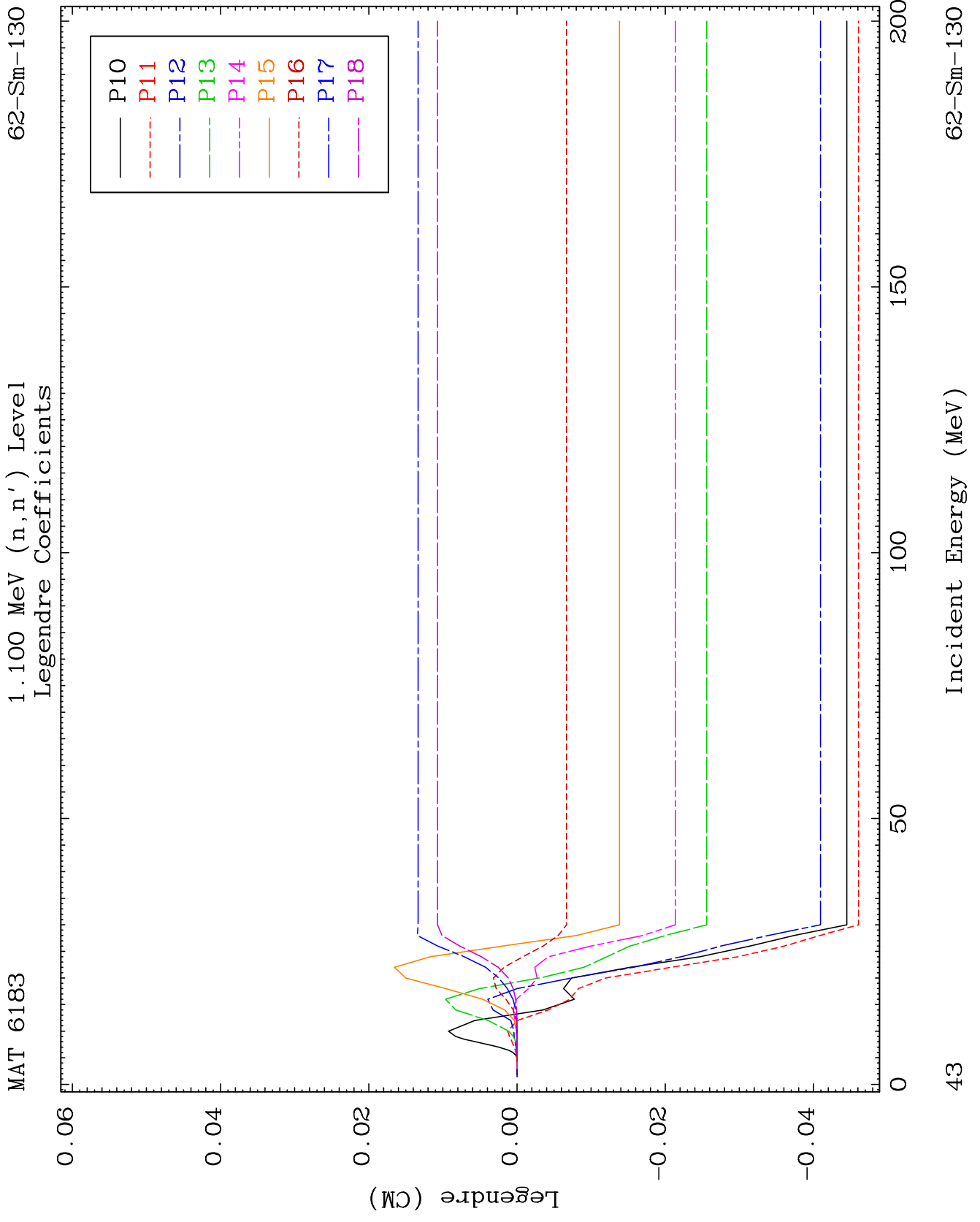
62-Sm-130

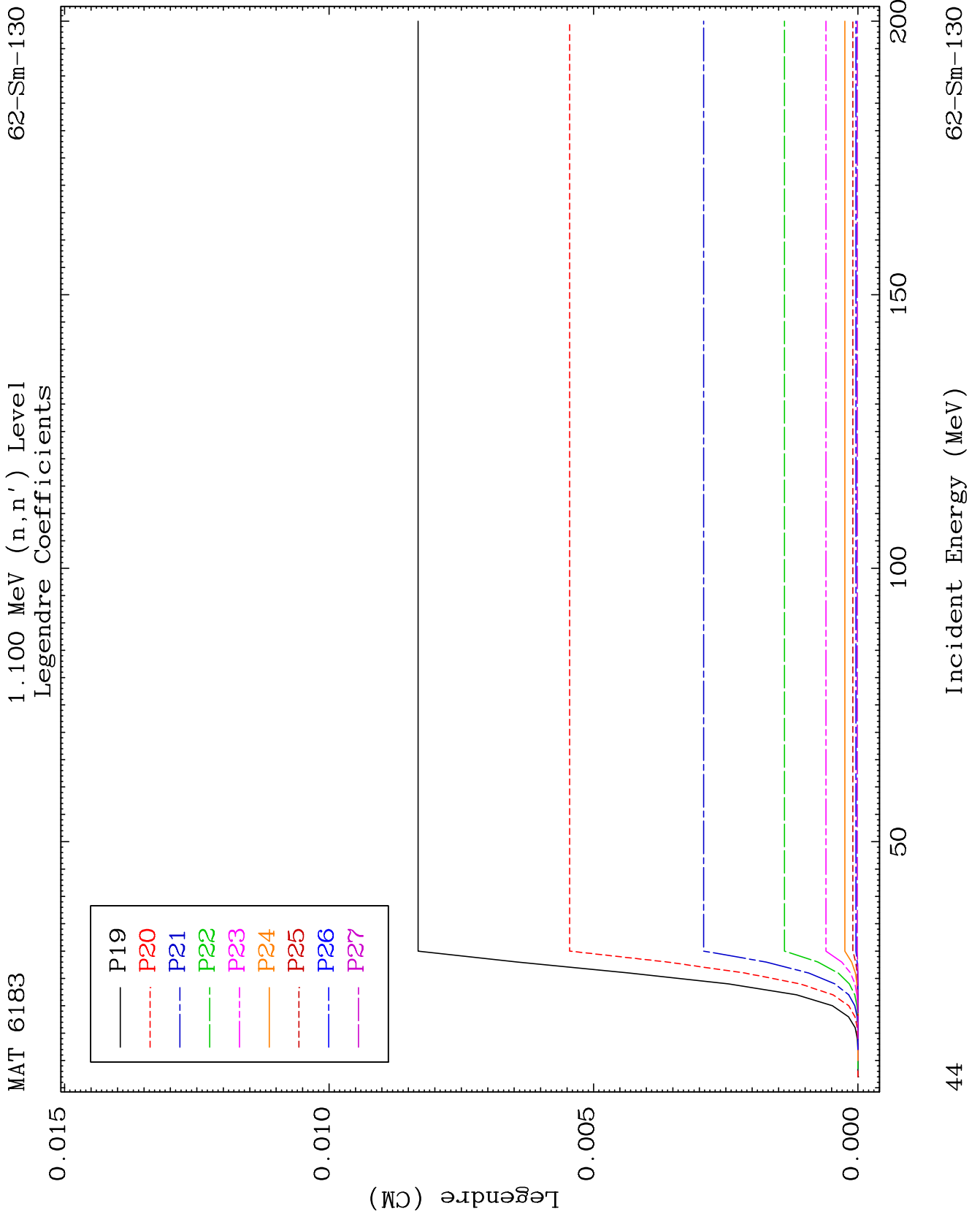


42

Incident Energy (MeV)

62-Sm-130

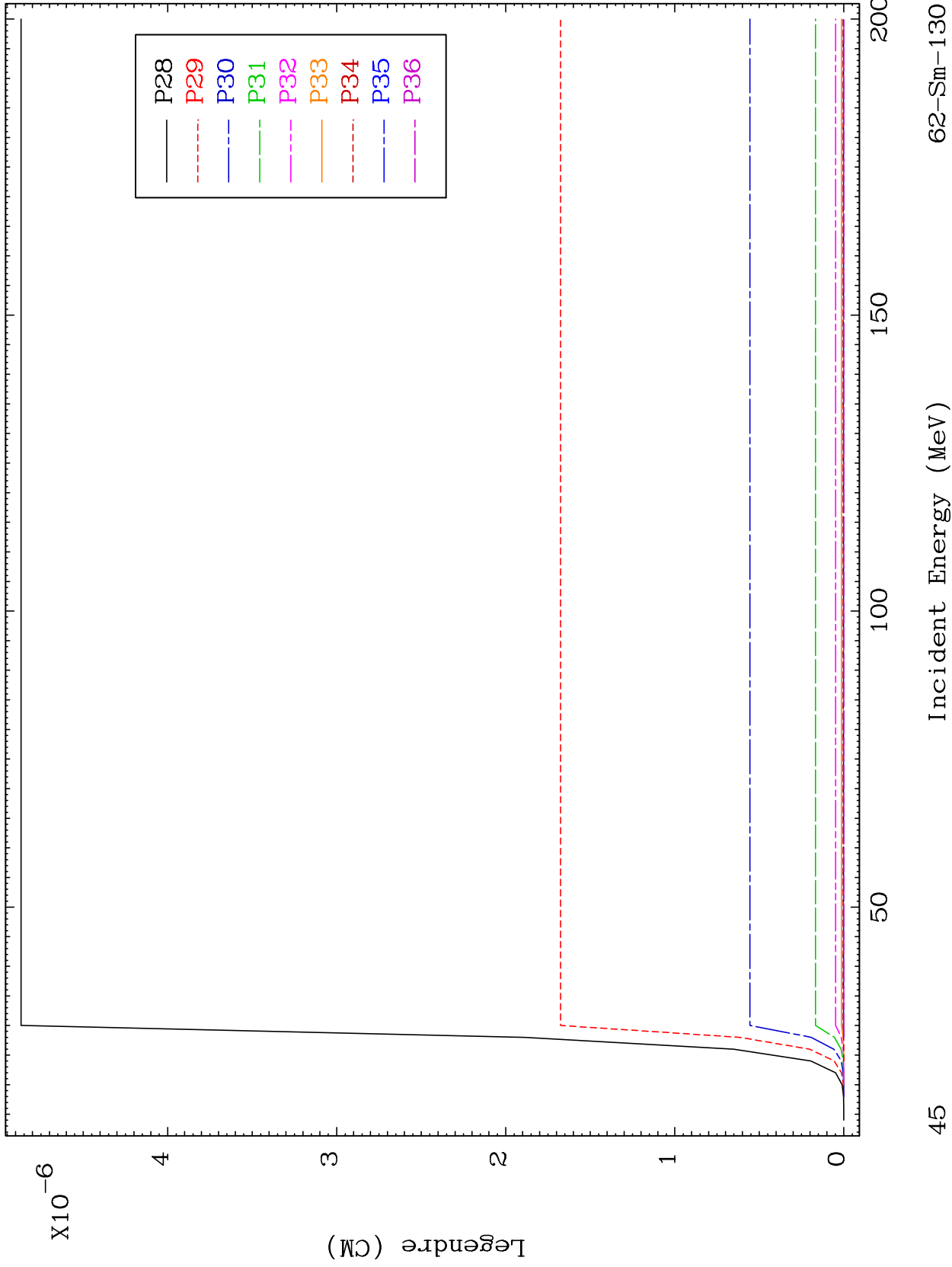


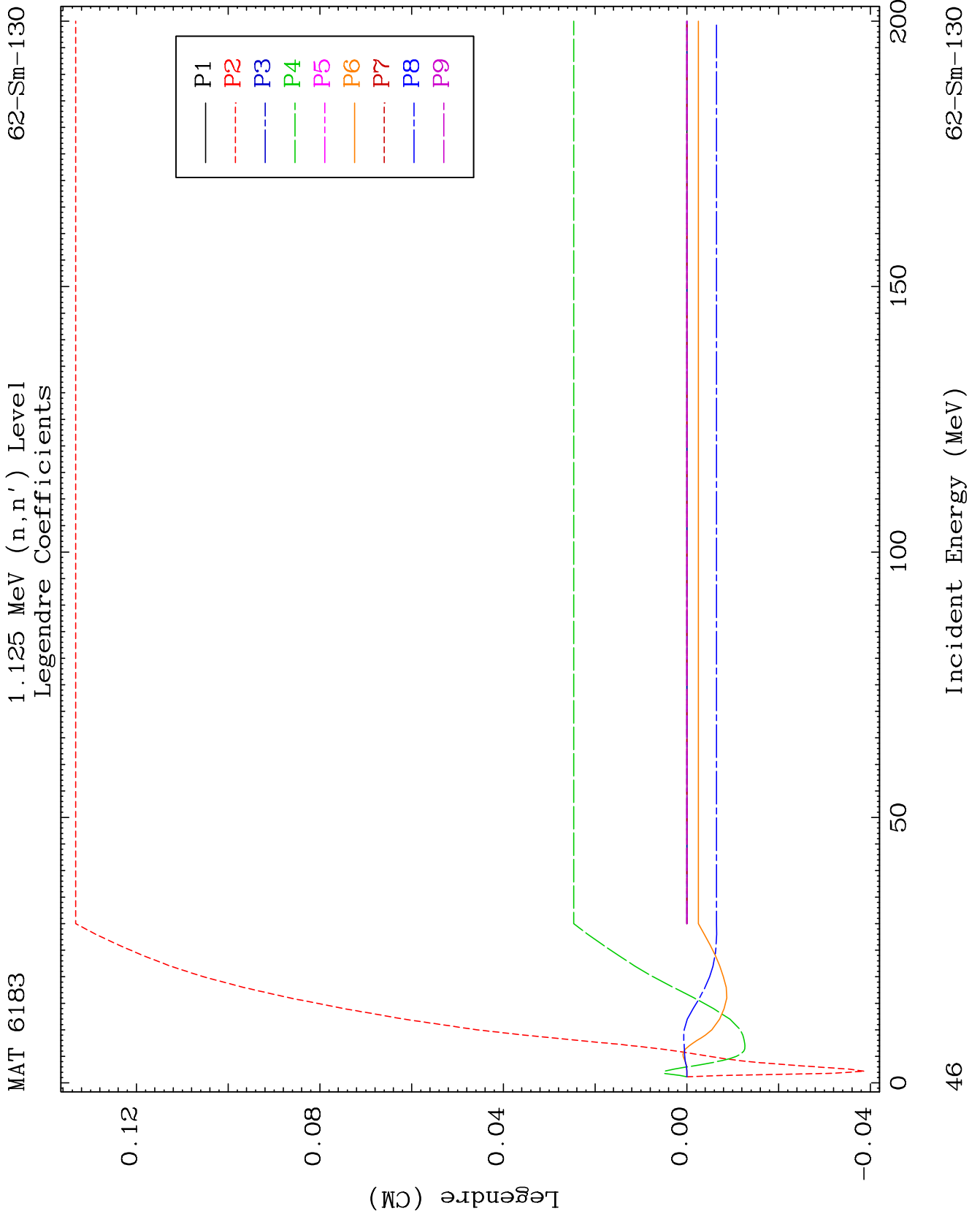


MAT 6183

1.100 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130

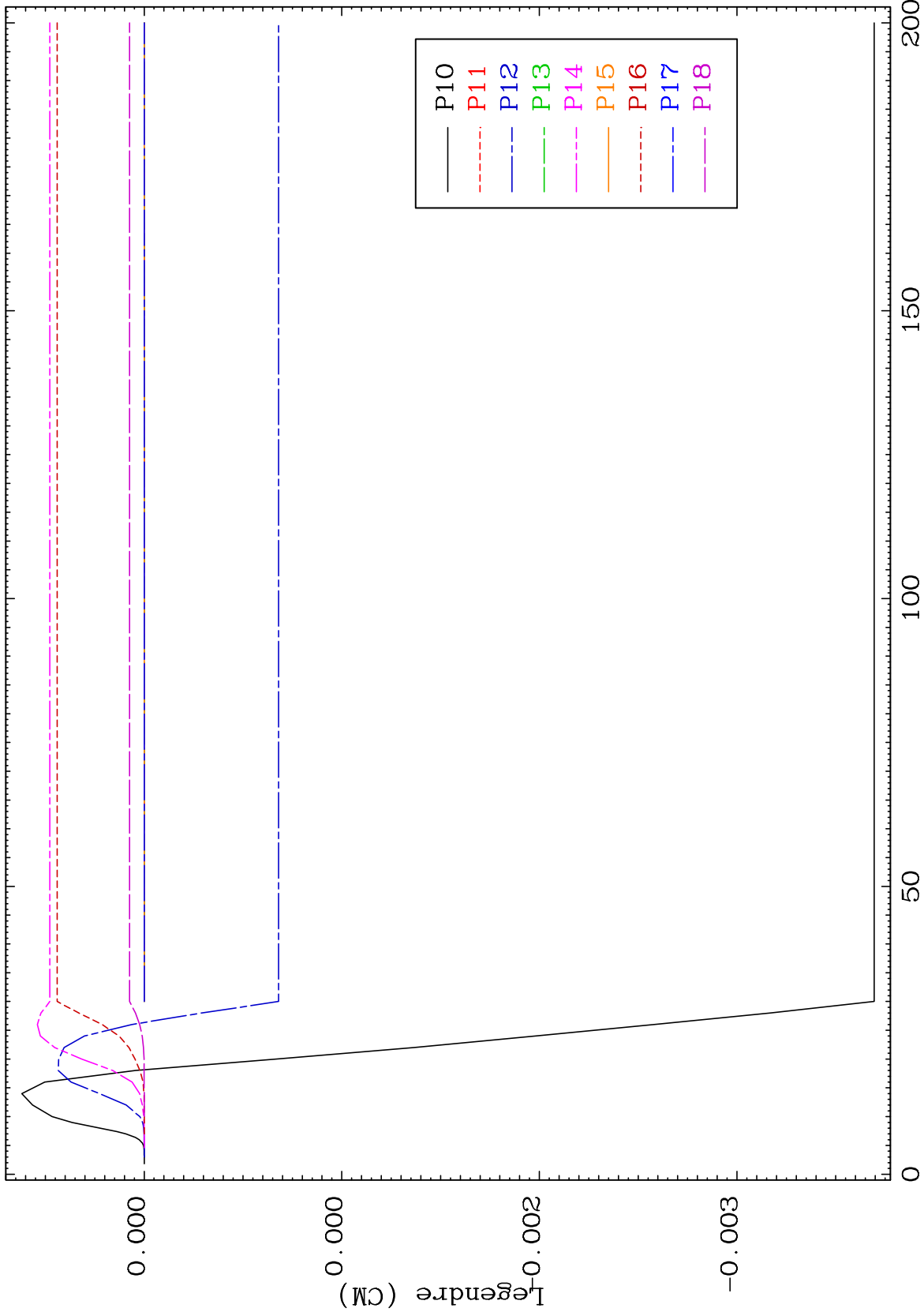




MAT 6183

1.125 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130

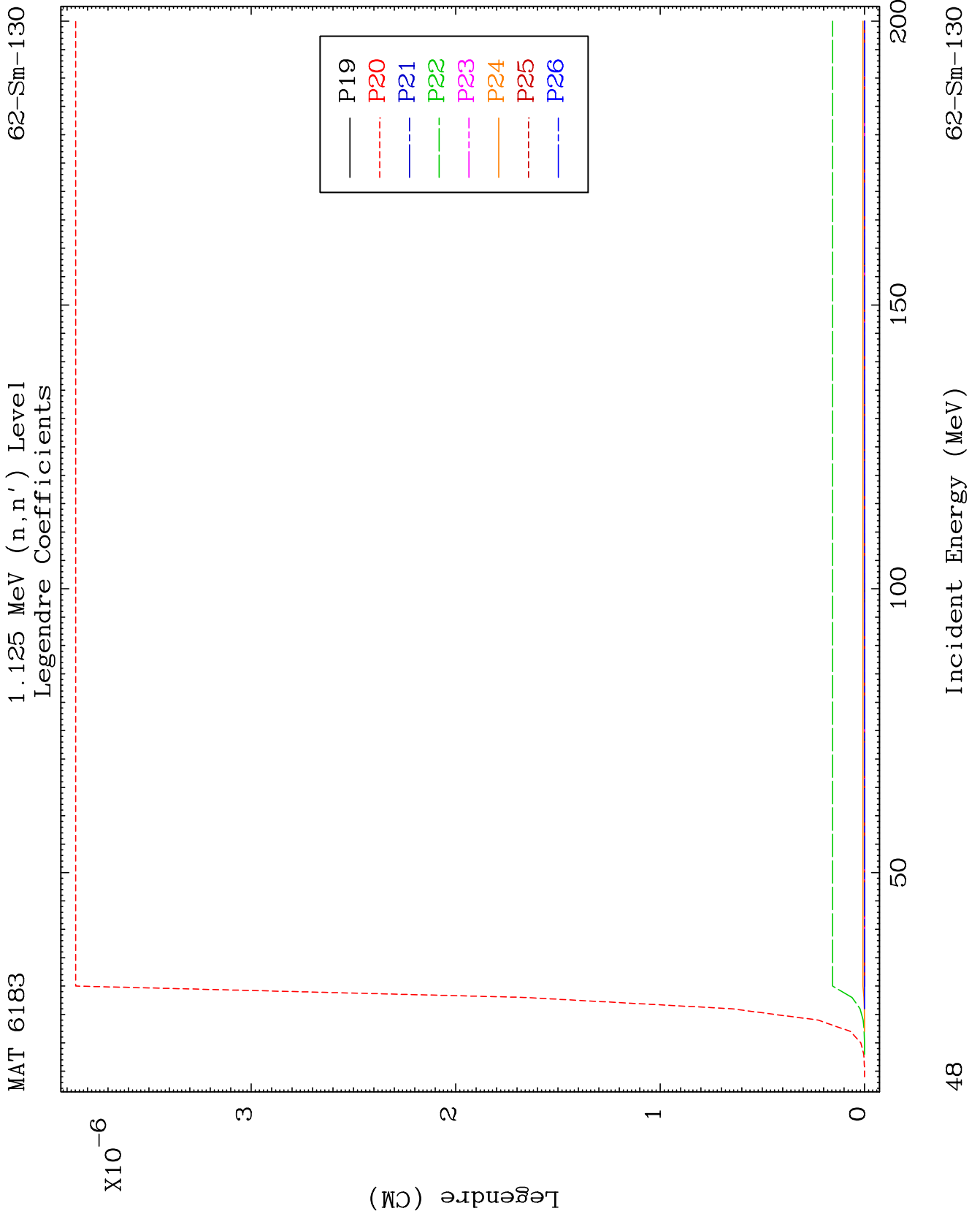


47

Incident Energy (MeV)

62-Sm-130

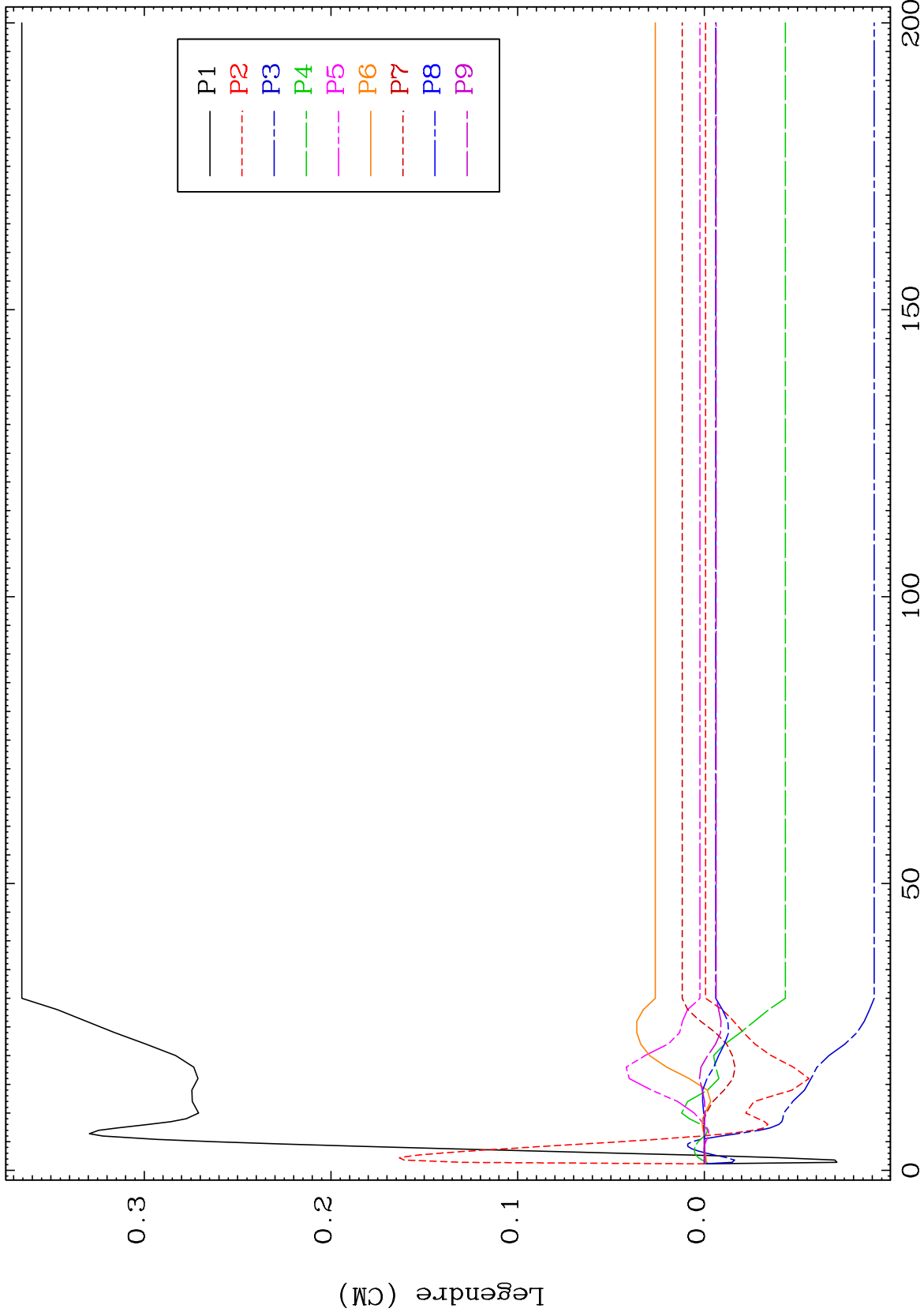




MAT 6183

1.126 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



49

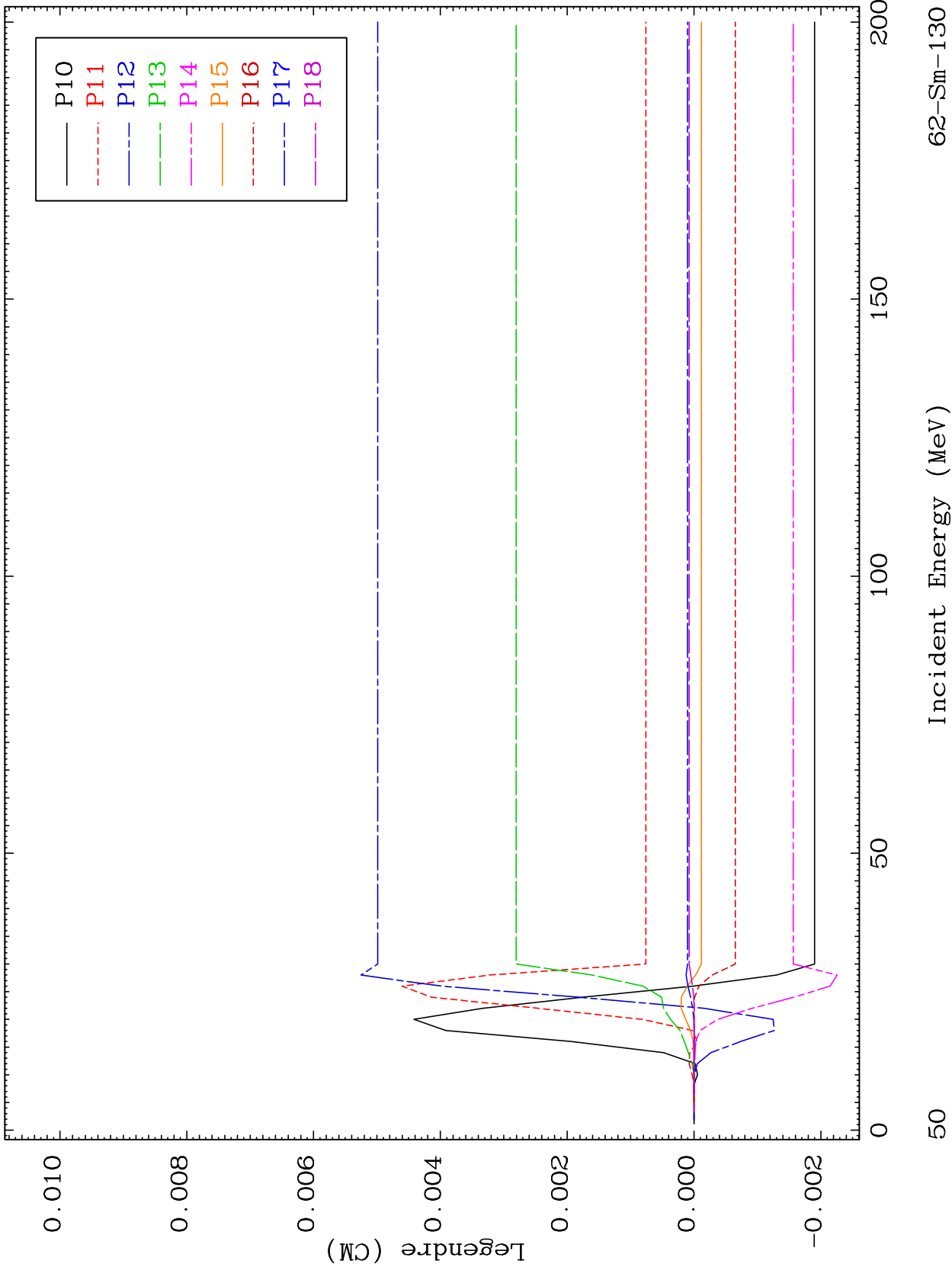
Incident Energy (MeV)

62-Sm-130

MAT 6183

1.126 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



62-Sm-130

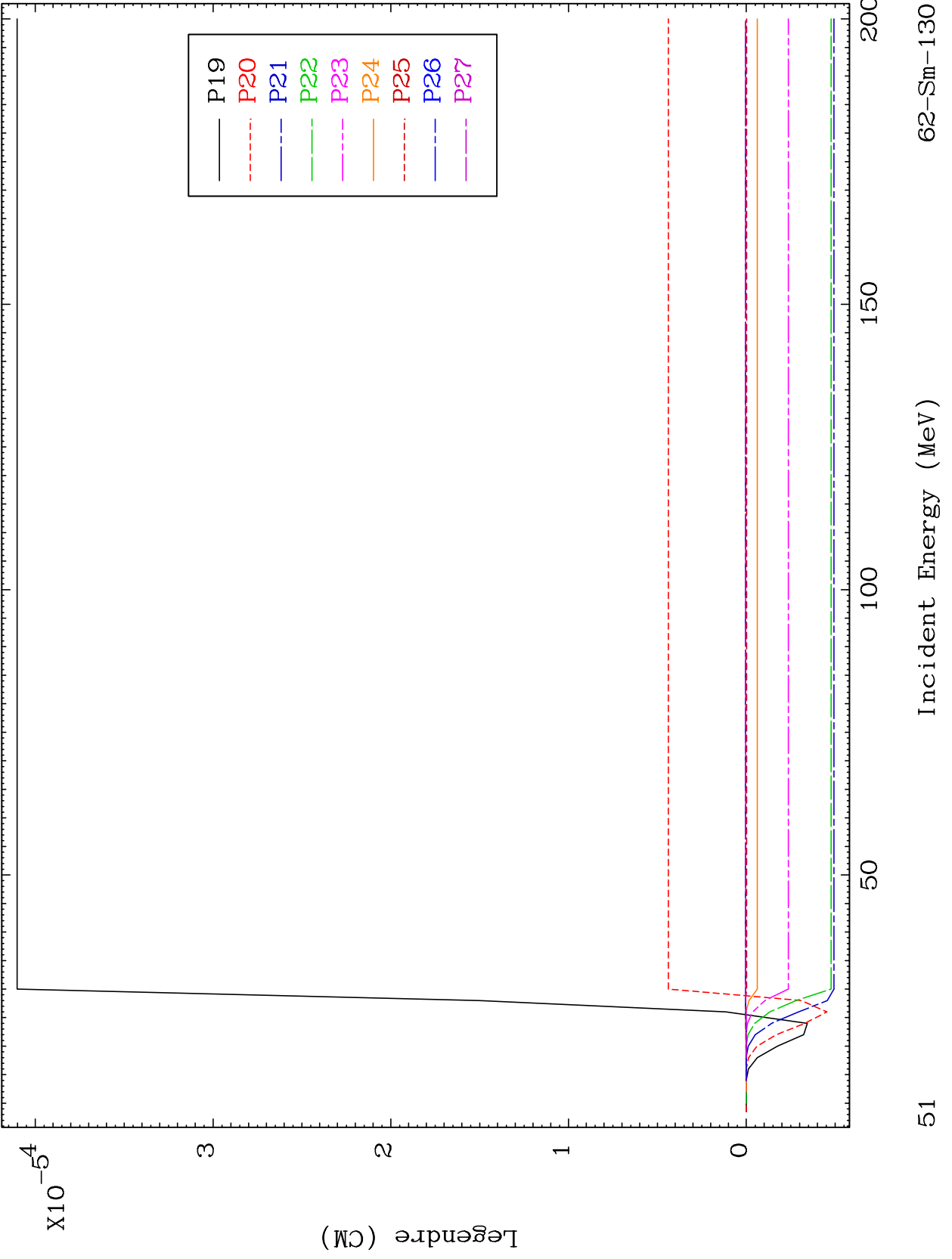
Incident Energy (MeV)

50

MAT 6183

1.126 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



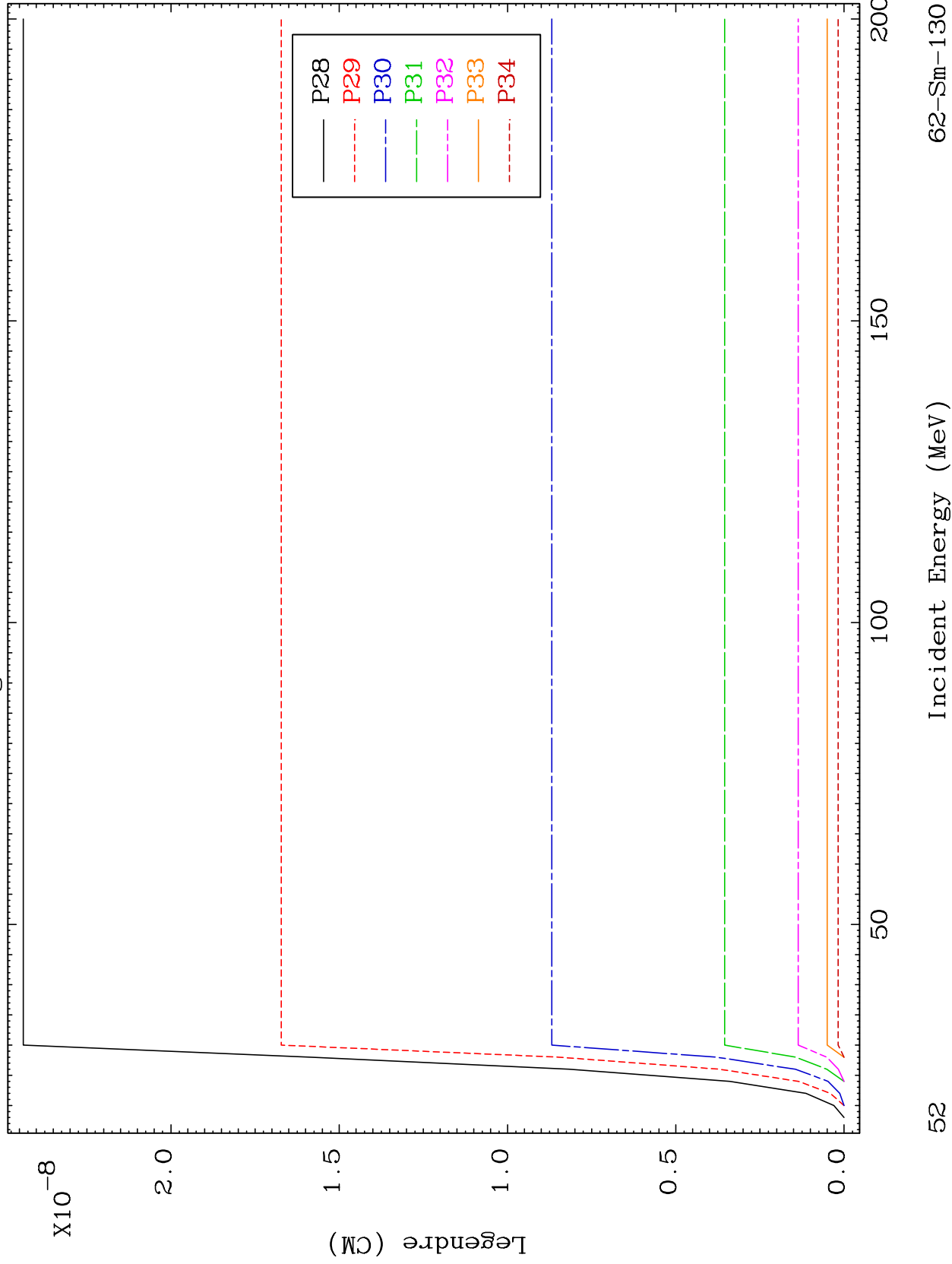
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62-Sm-130

MAT 6183

1.126 MeV (n,n') Level  
Legendre Coefficients

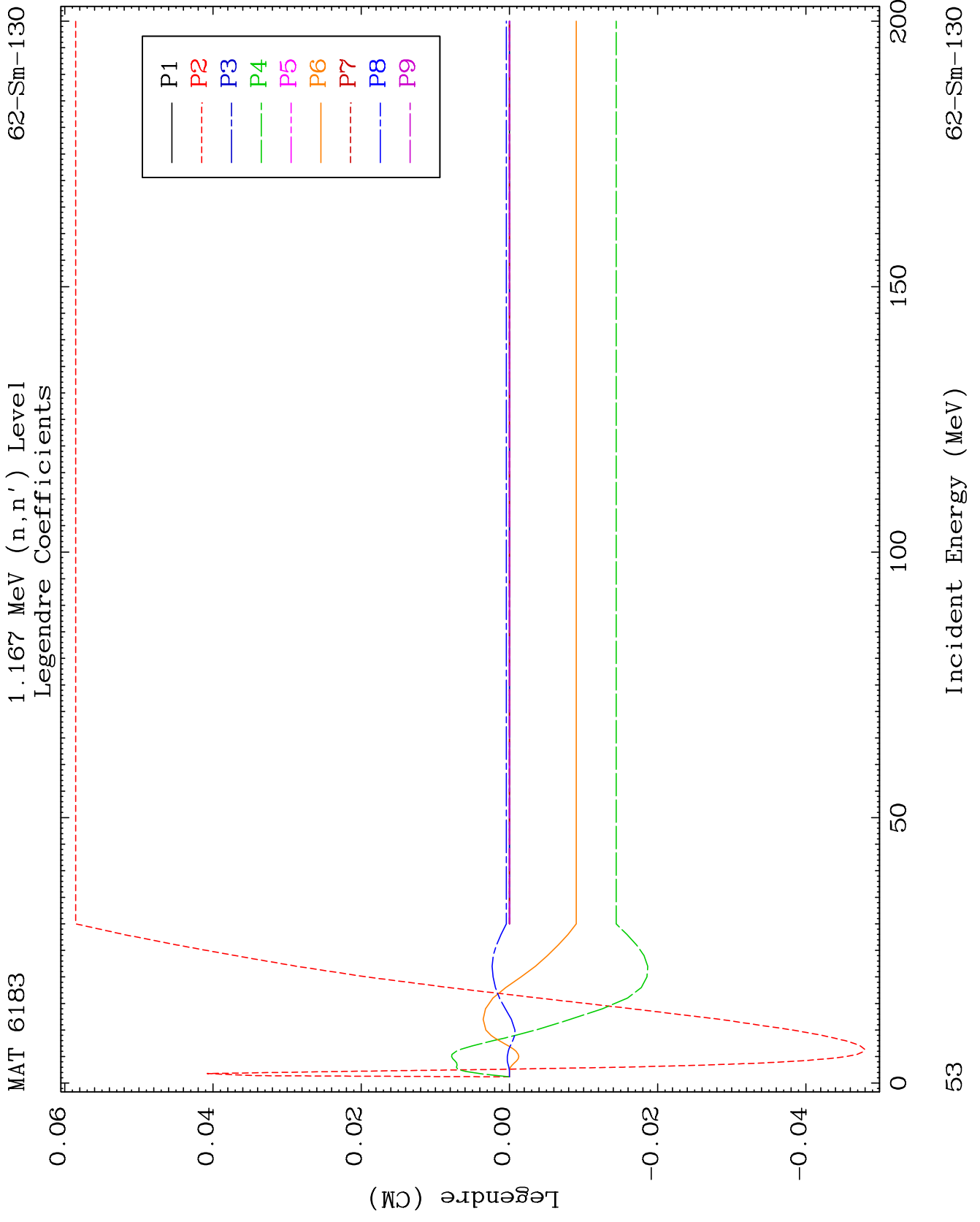
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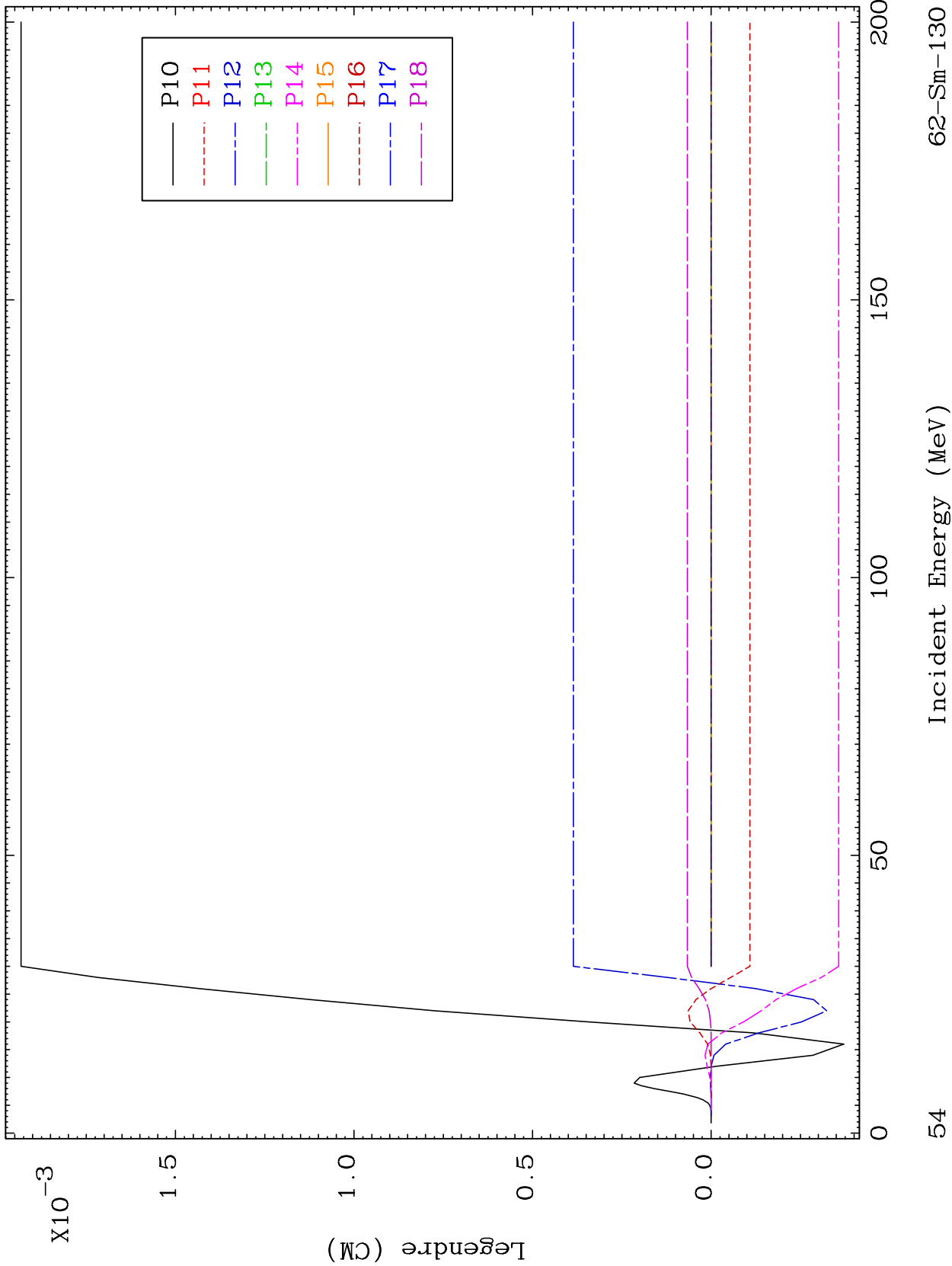


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Incident Energy (MeV)

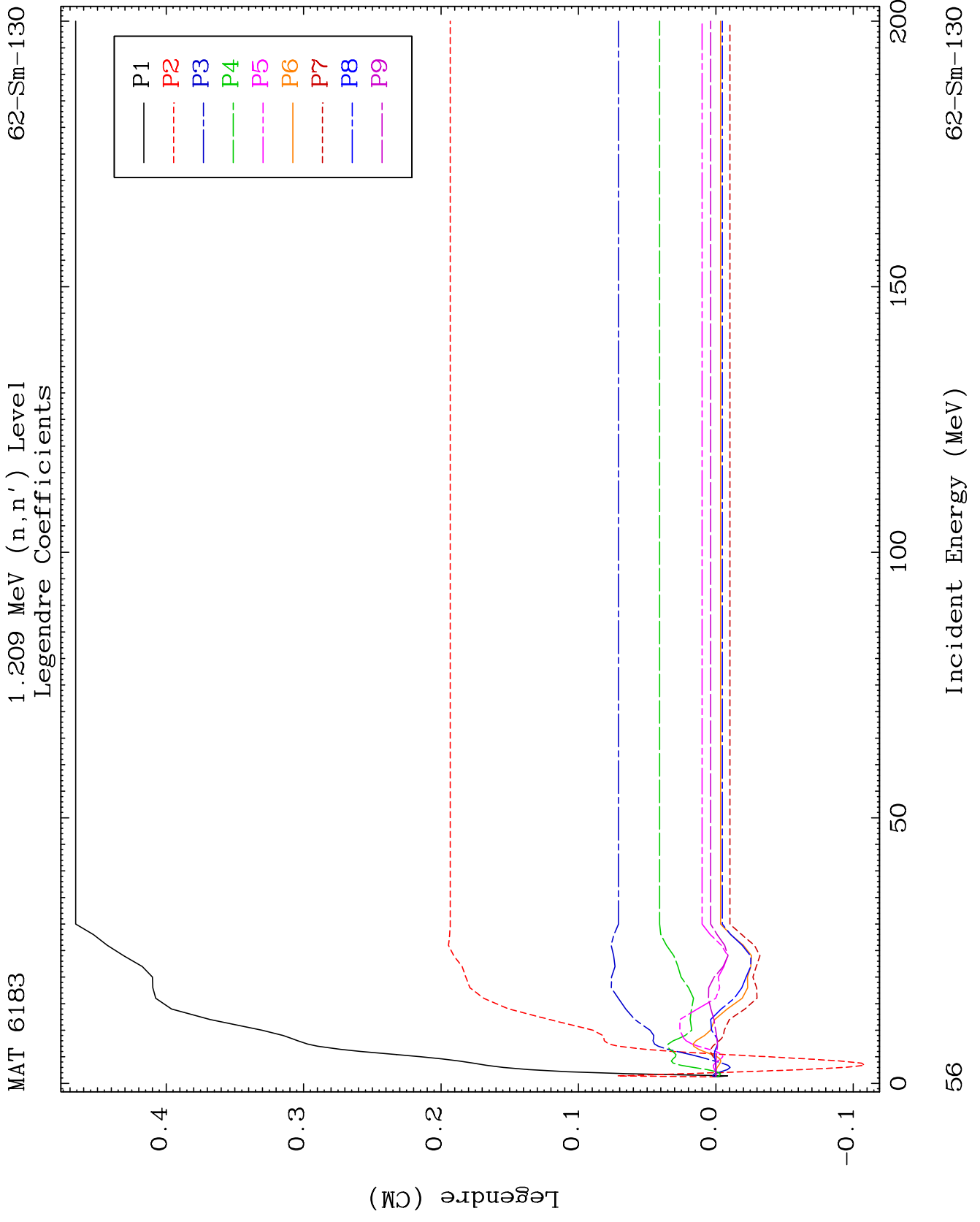
62-Sm-130







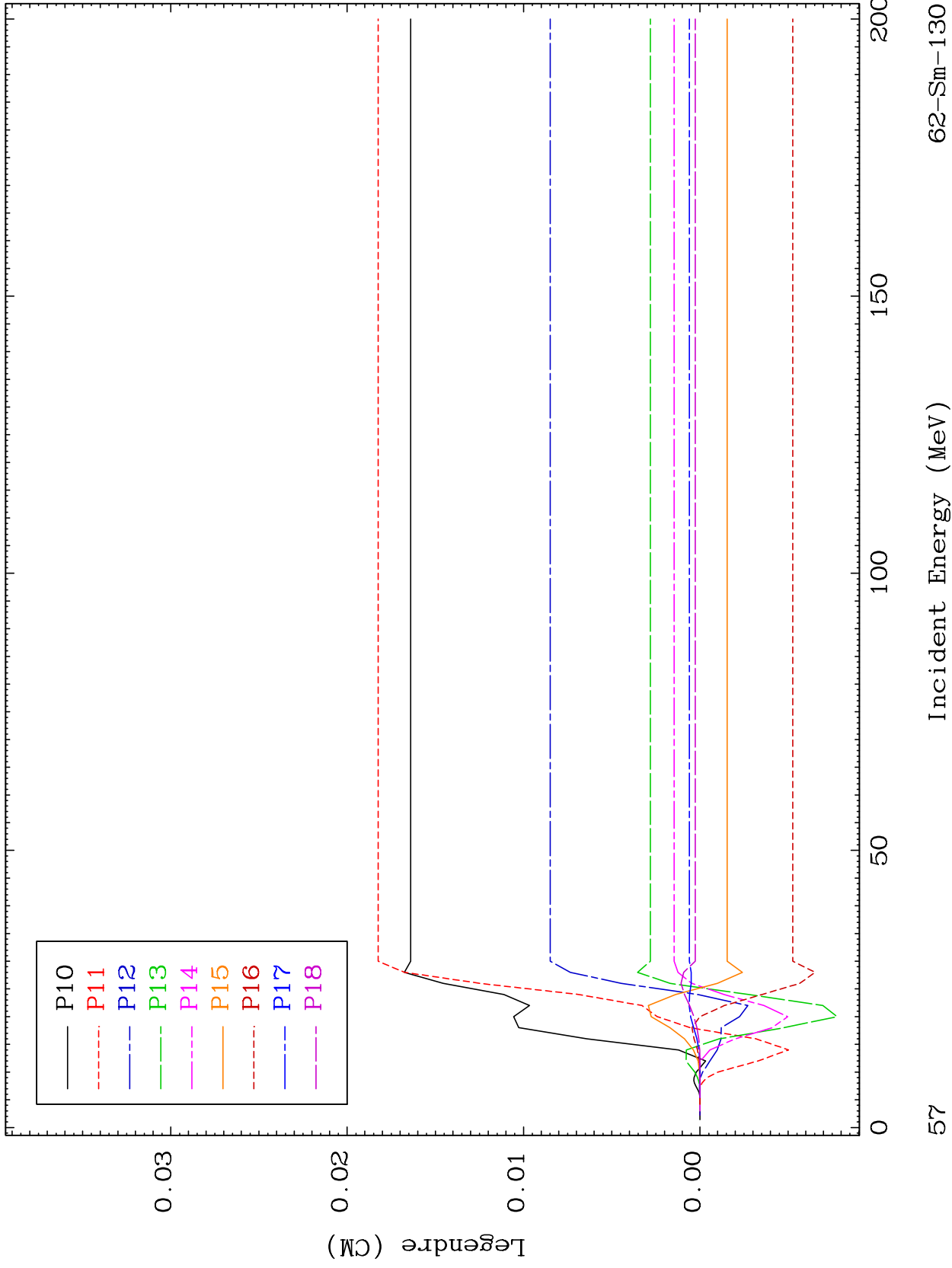




MAT 6183

1.209 MeV (n, n') Level  
Legendre Coefficients

62-Sm-130



57

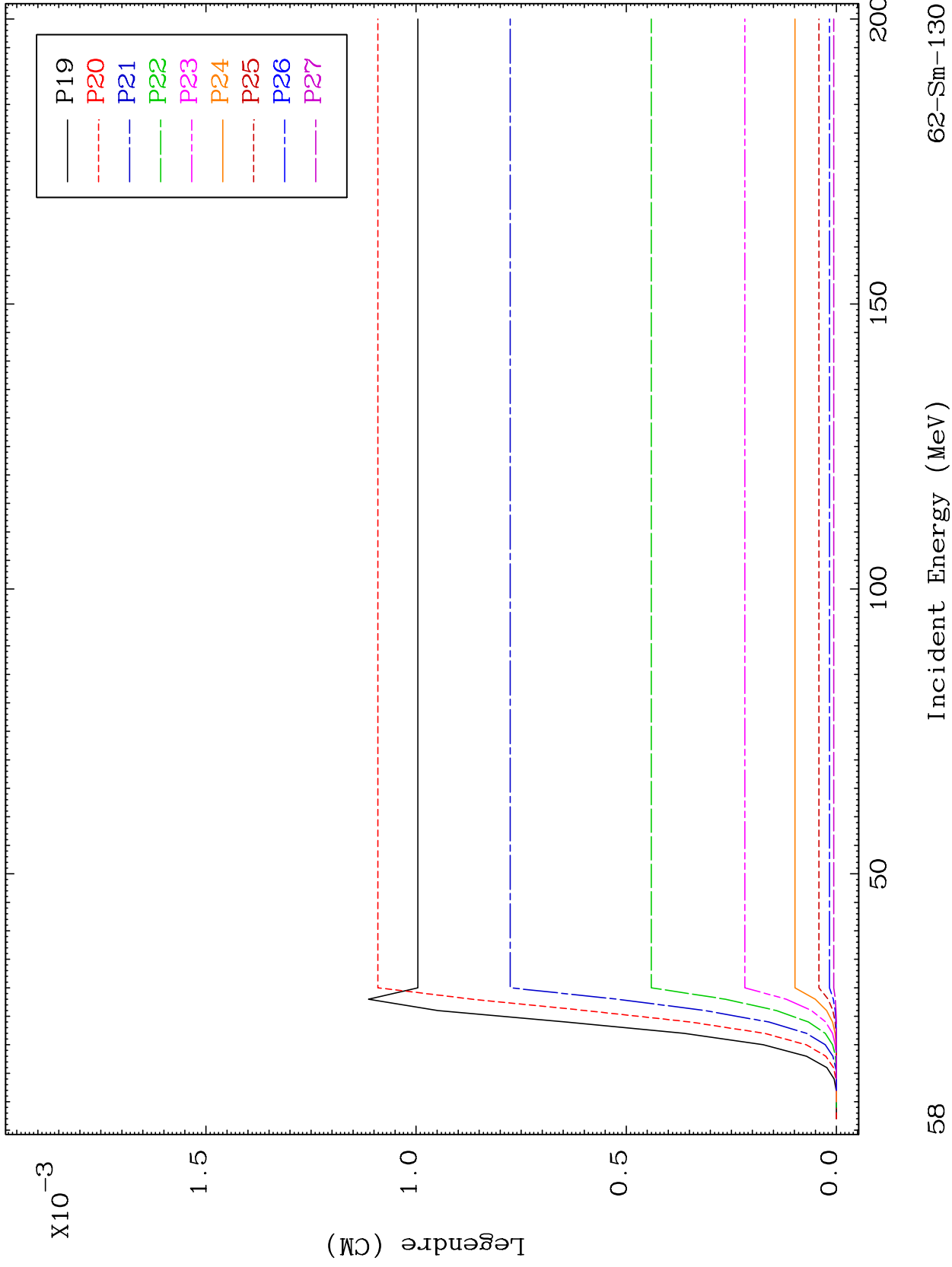
Incident Energy (MeV)

62-Sm-130

MAT 6183

1.209 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



58

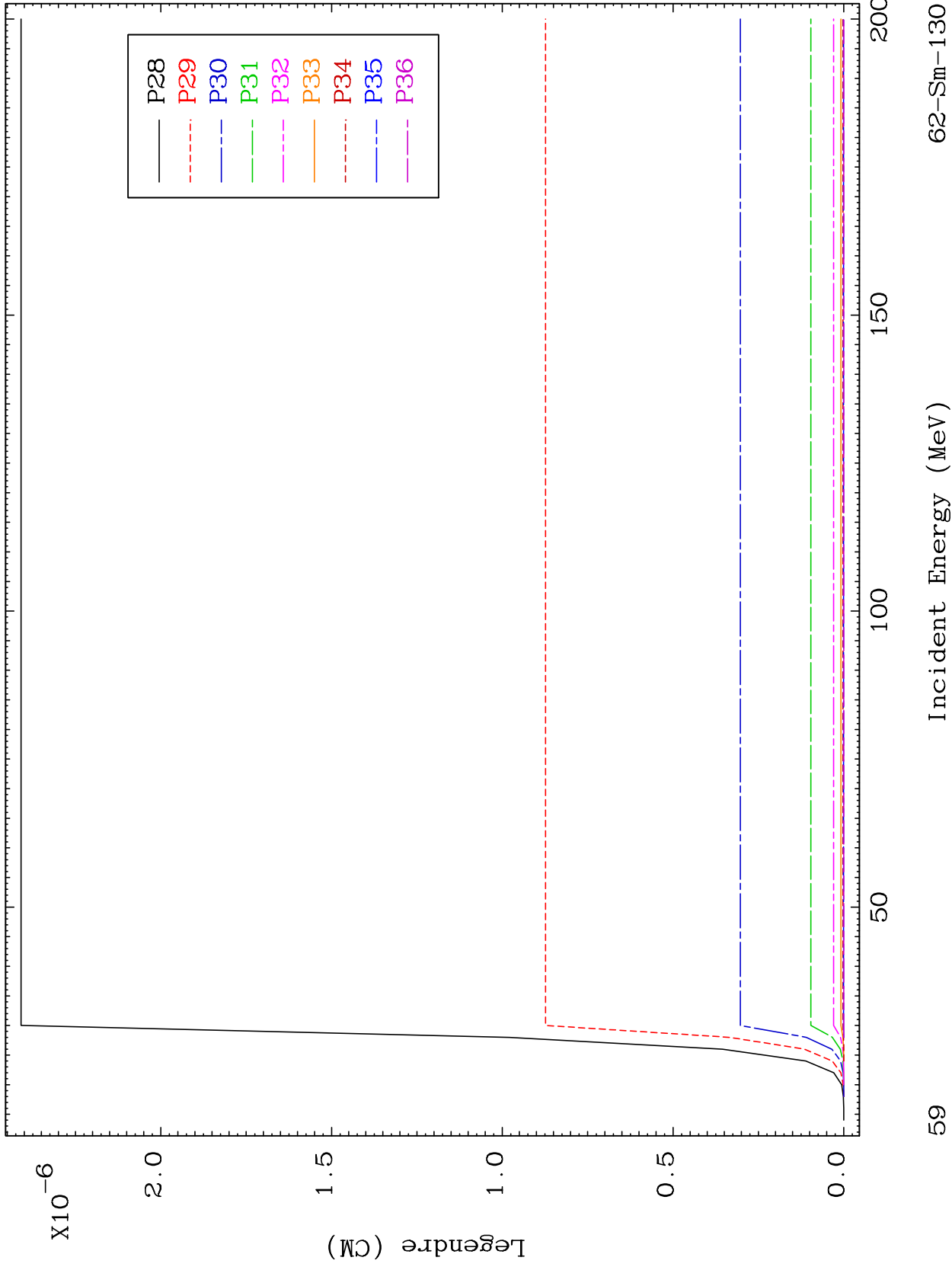
Incident Energy (MeV)

62-Sm-130

MAT 6183

1.209 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



59

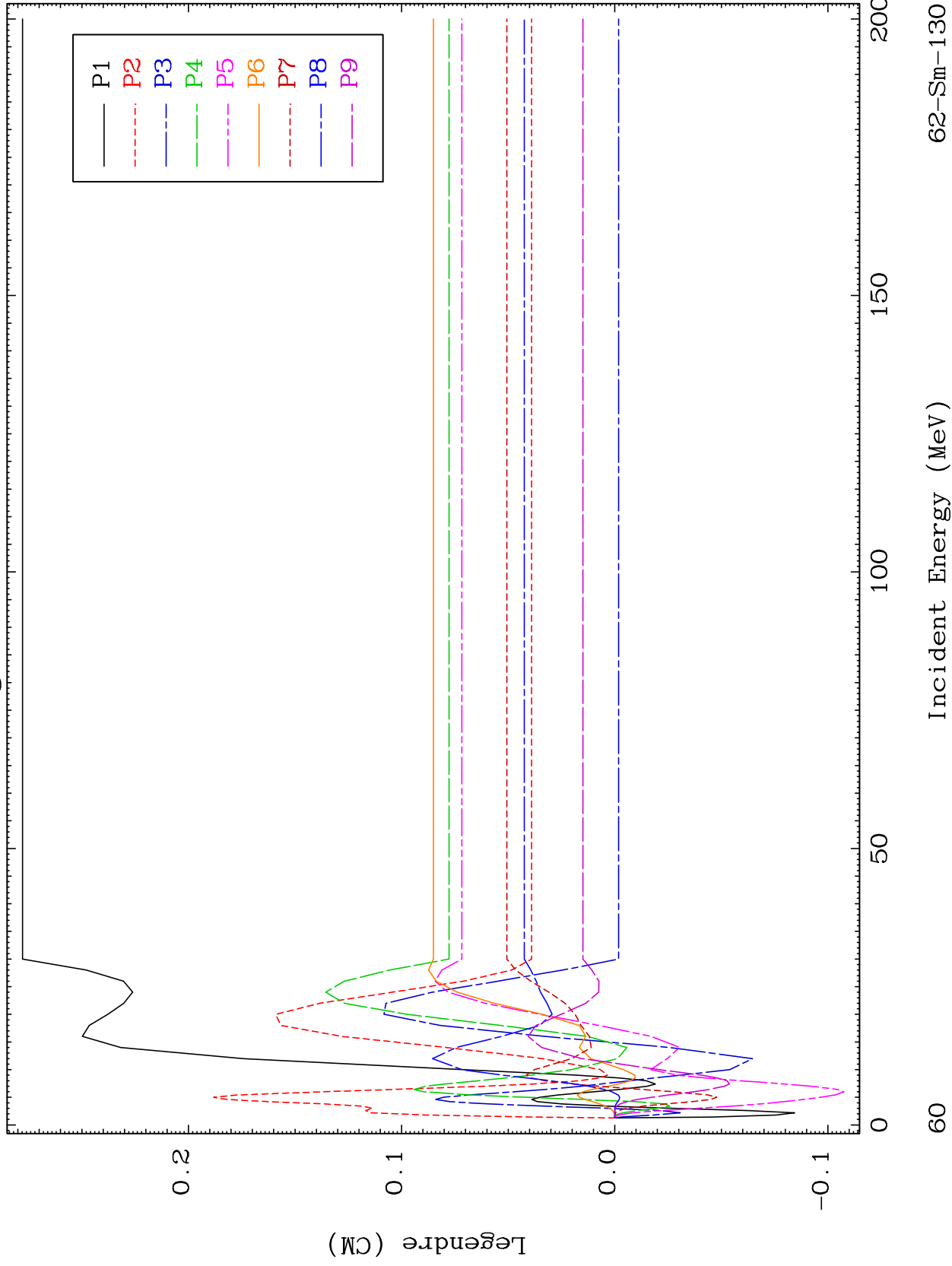
Incident Energy (MeV)

62-Sm-130

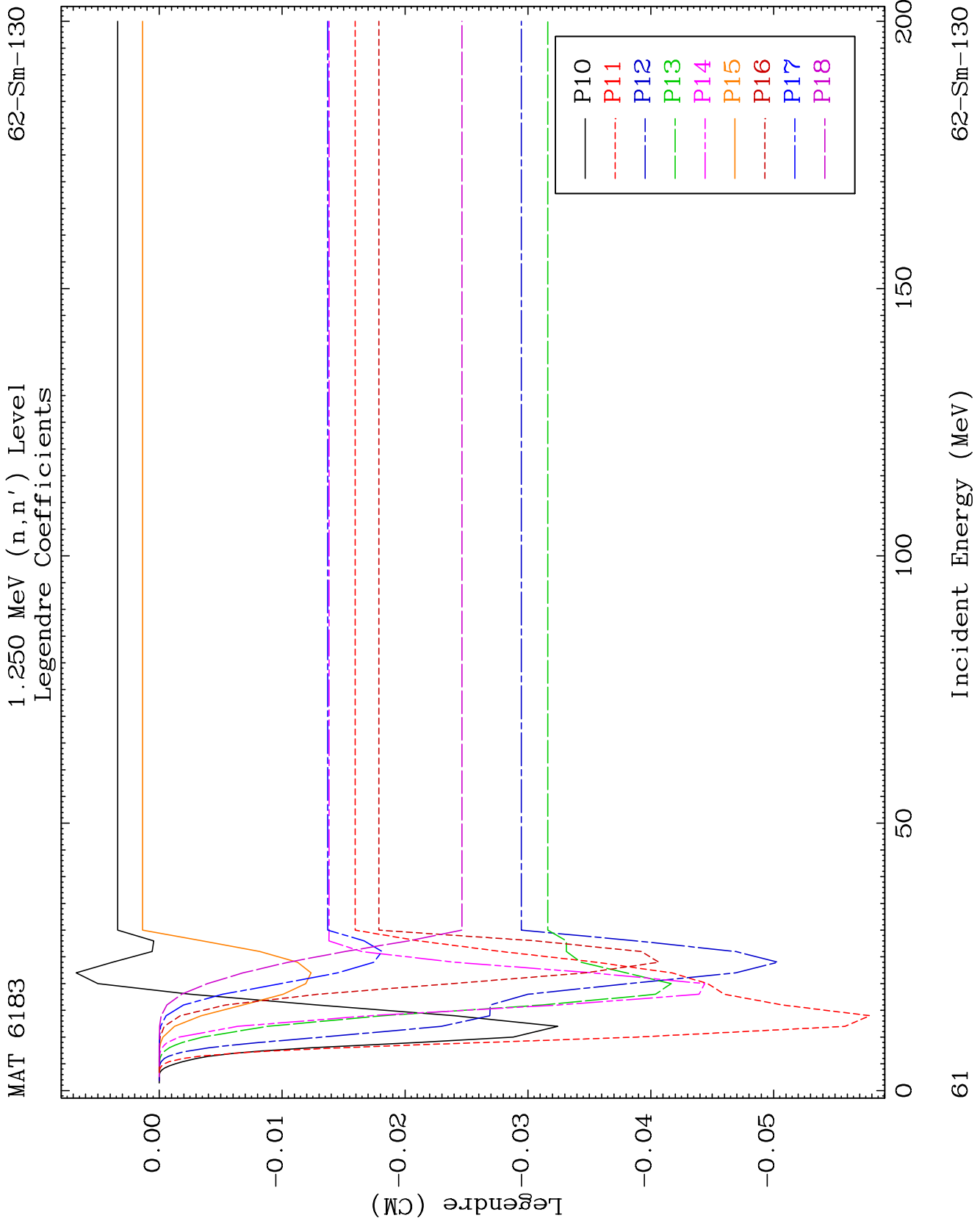
MAT 6183

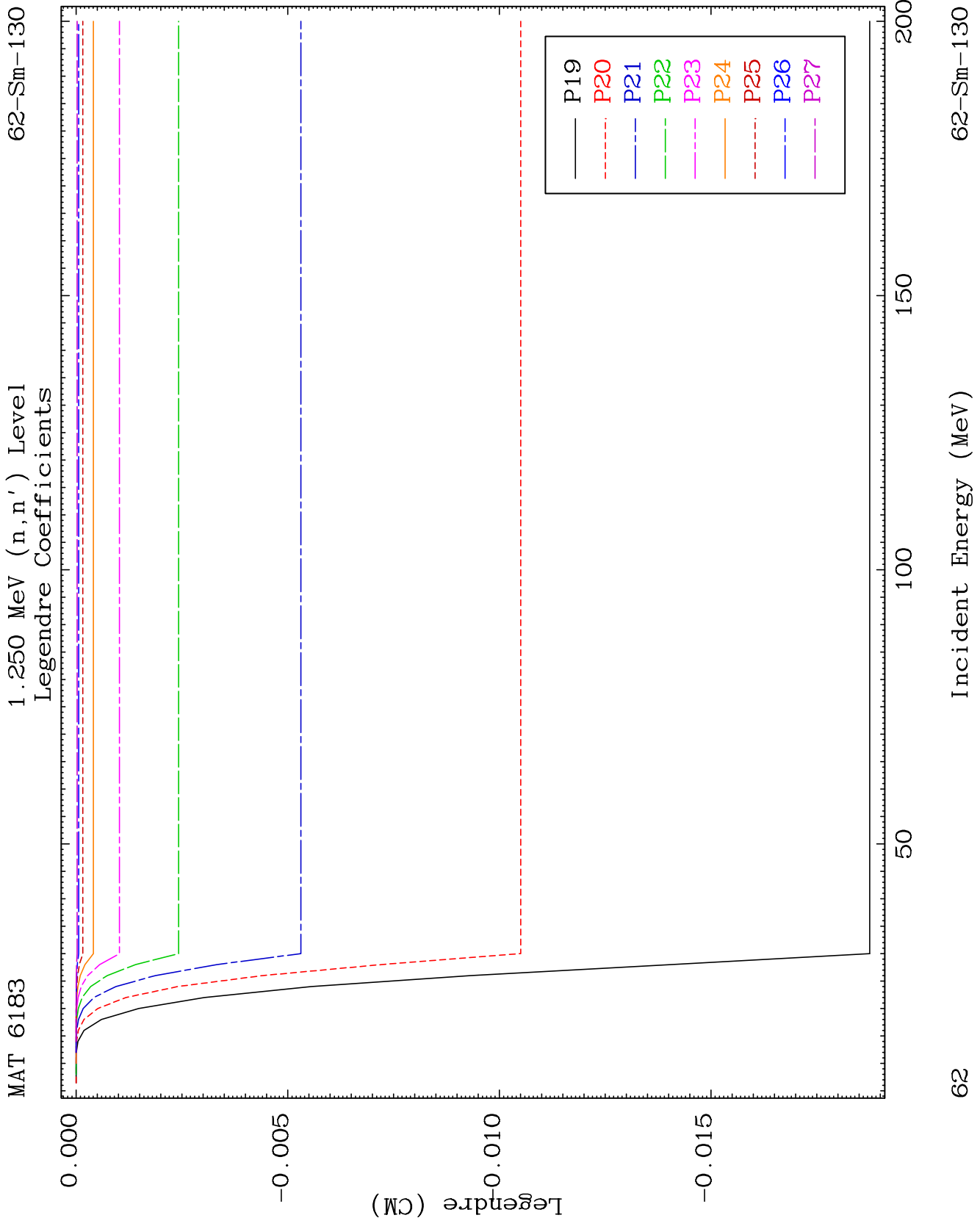
1.250 MeV (n,n') Level  
Legendre Coefficients

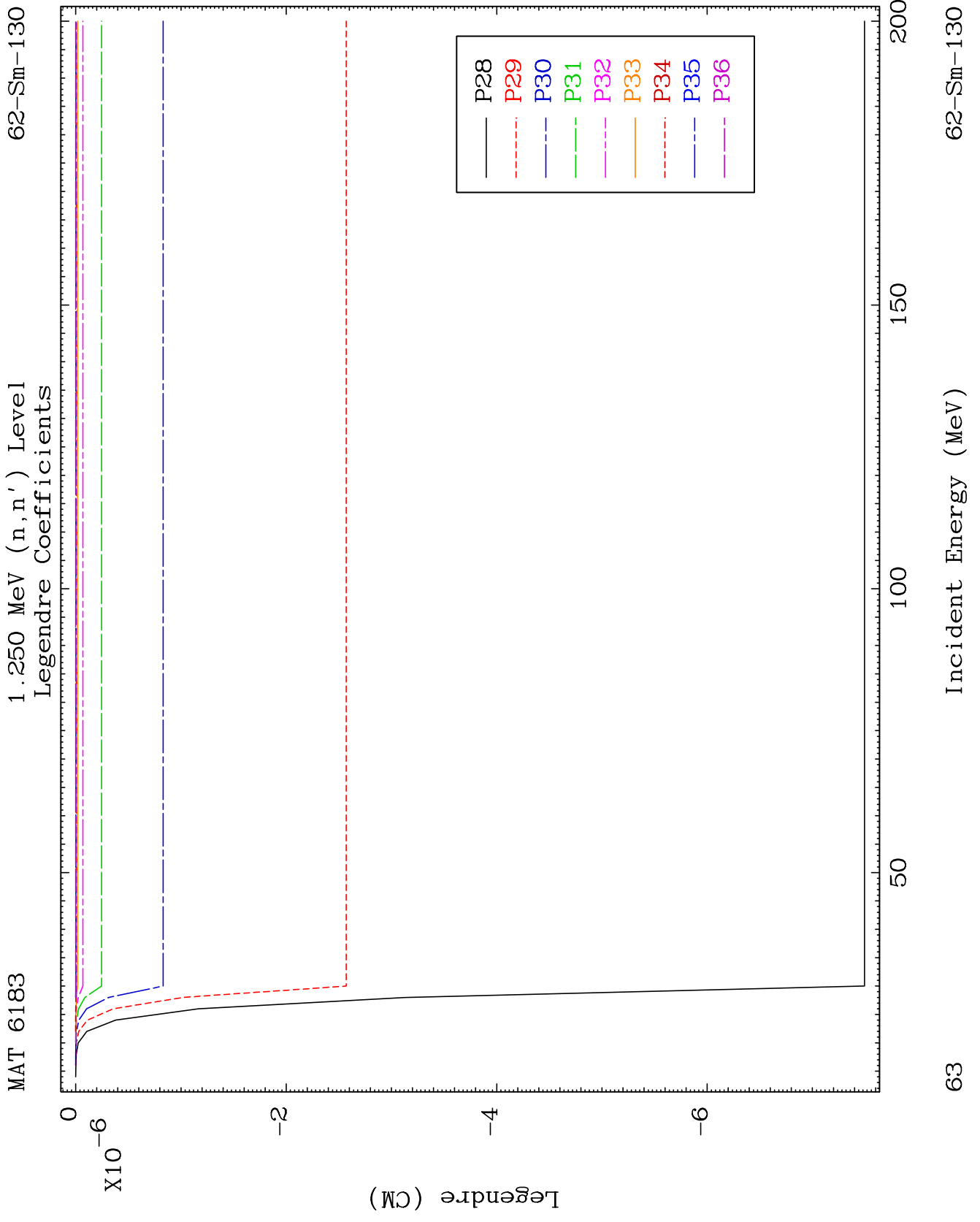
62-Sm-130



62-Sm-130

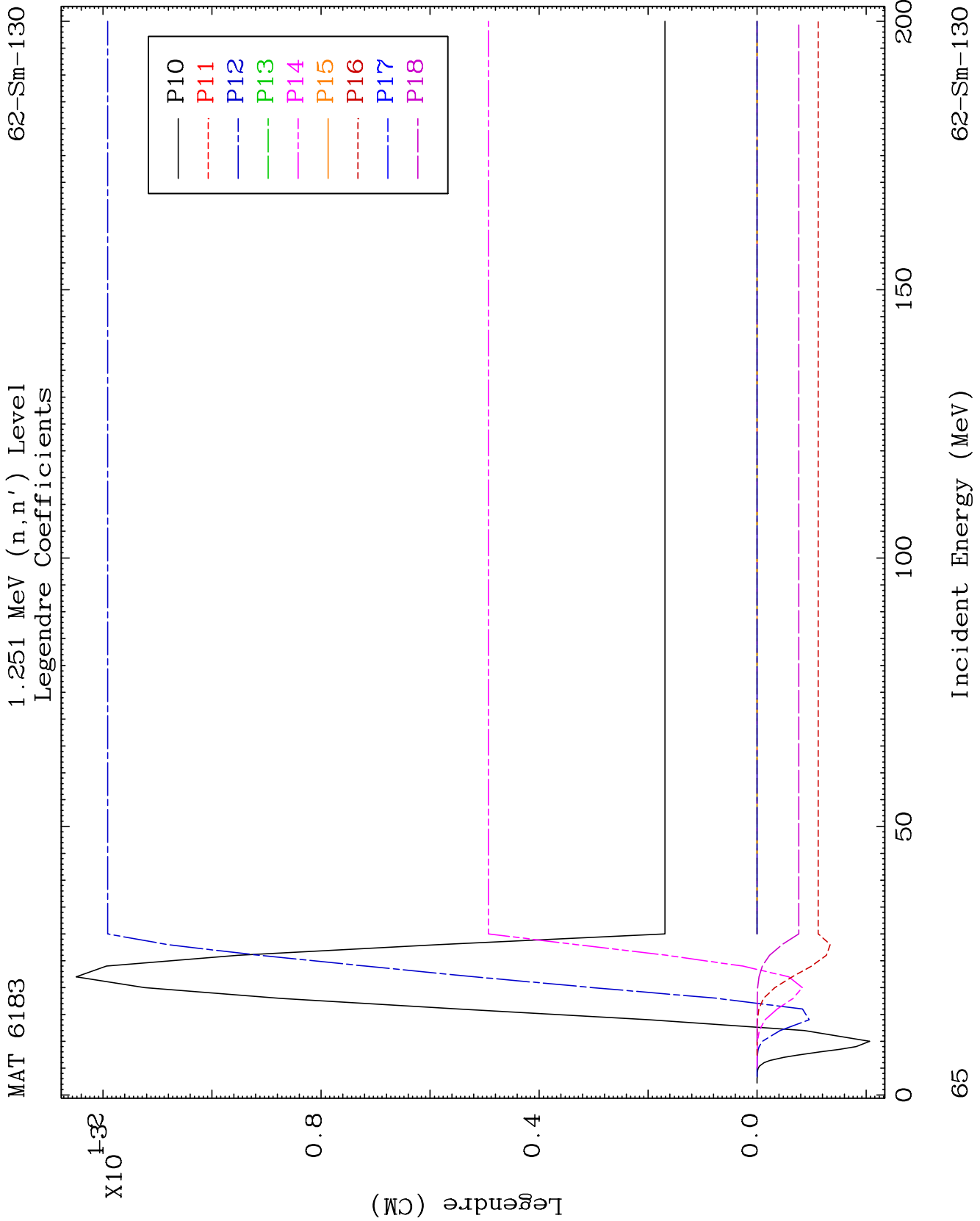


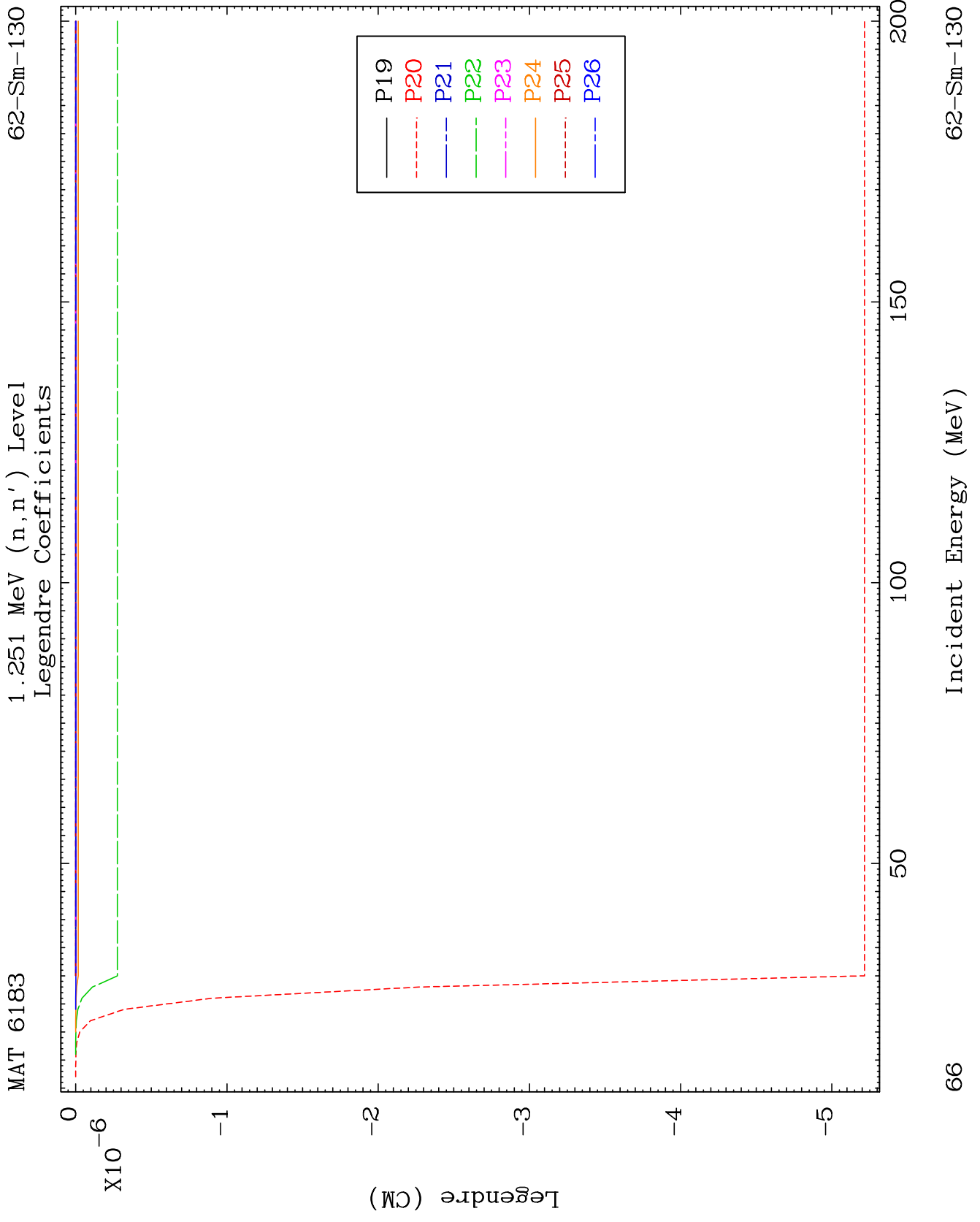








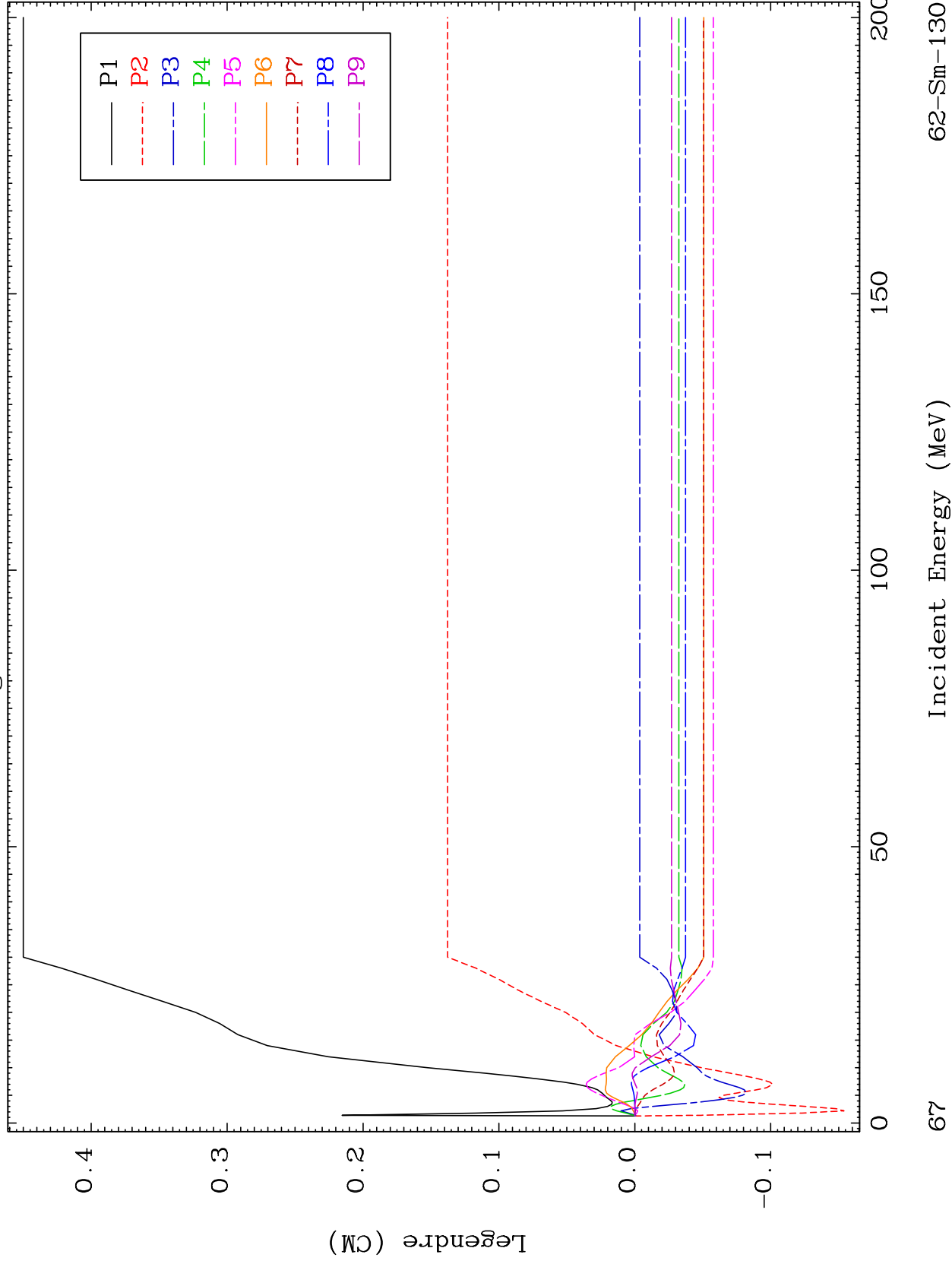




MAT 6183

1.252 MeV (n,n') Level  
Legendre Coefficients

62-Sm-130



62-Sm-130

Incident Energy (MeV)

67

