

Program EVALPLOT  
(Version 2015-2)

by

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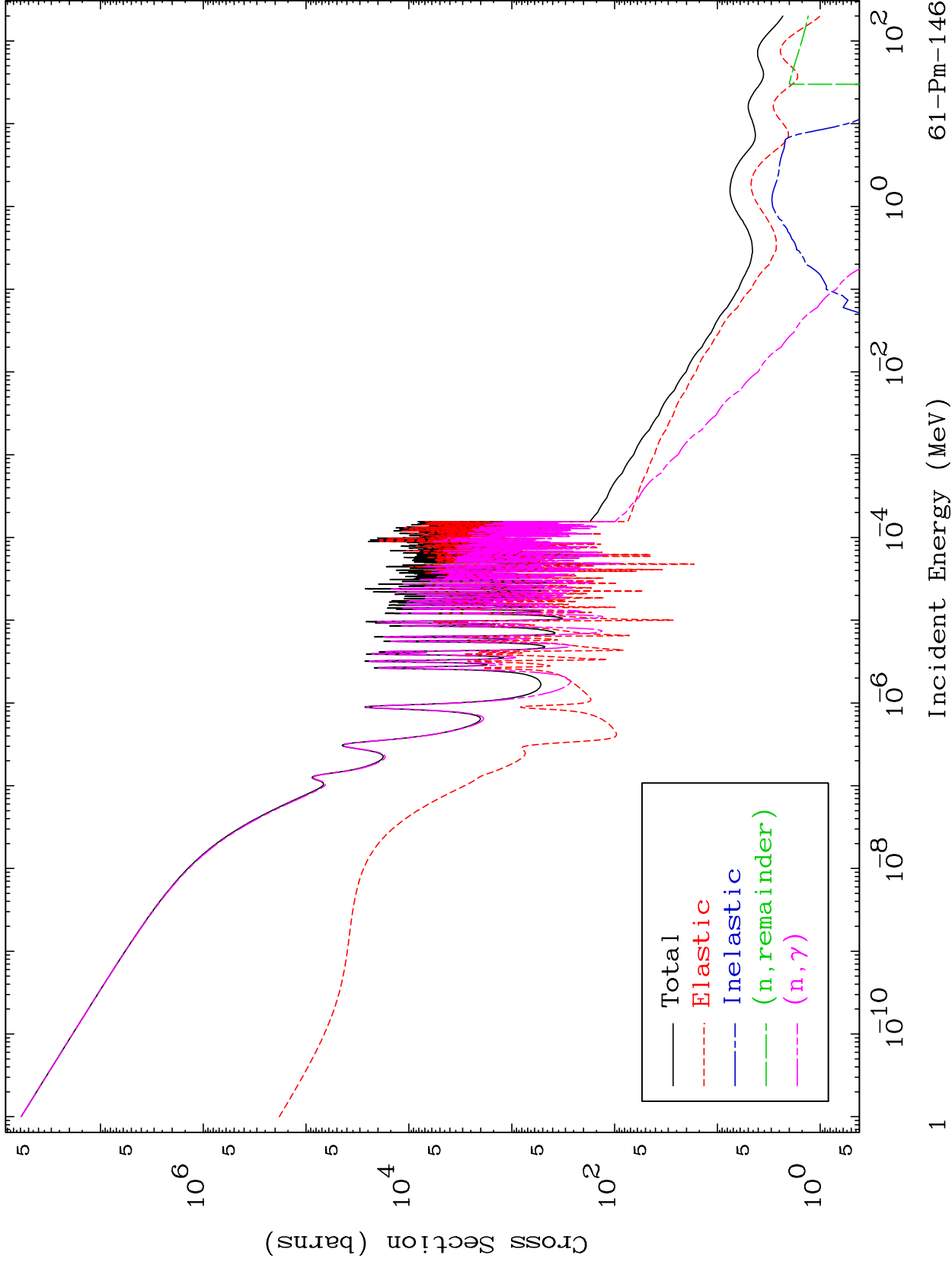
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6146

Major  
293 Kelvin Cross Sections

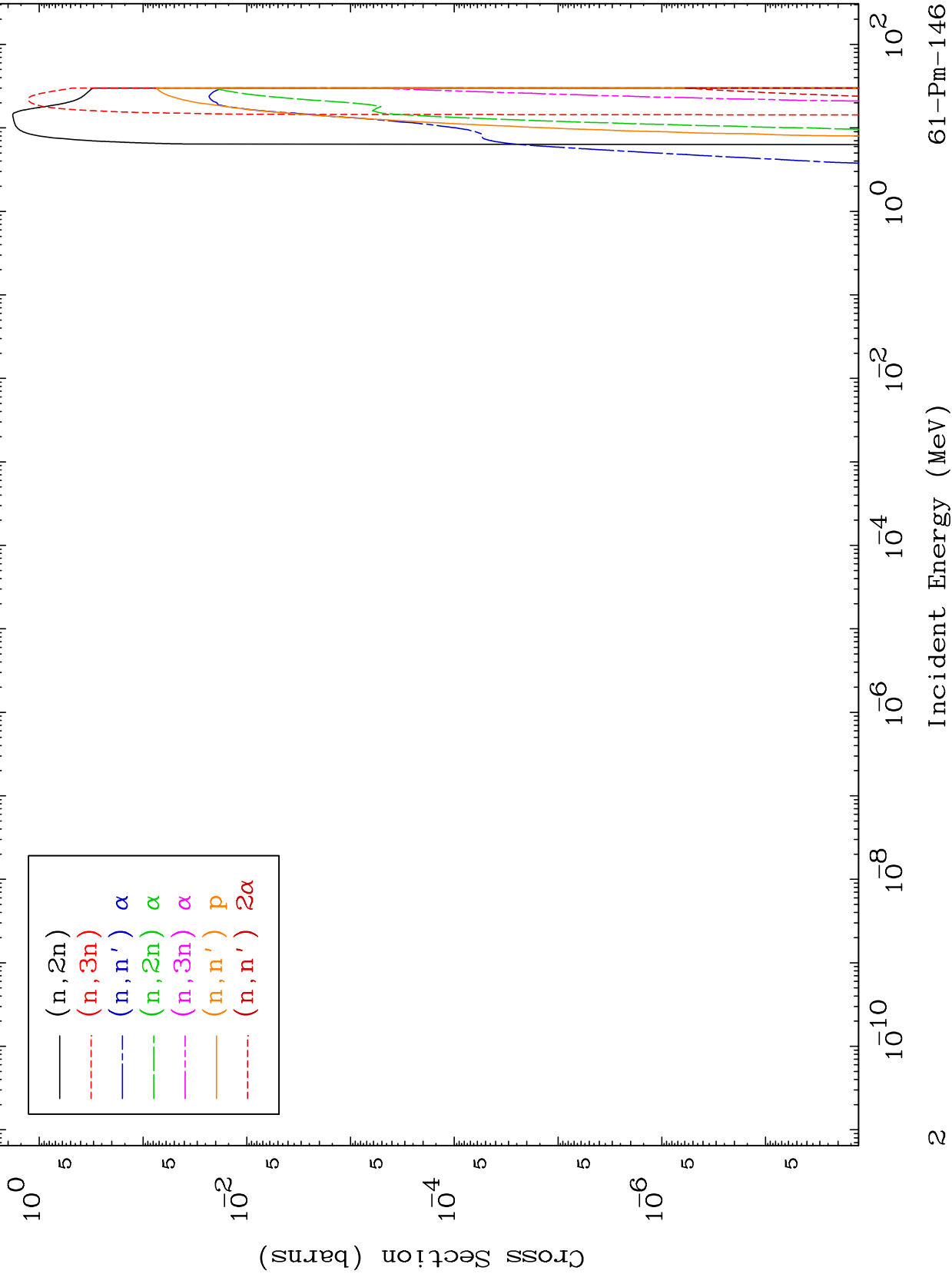
61-Pm-146

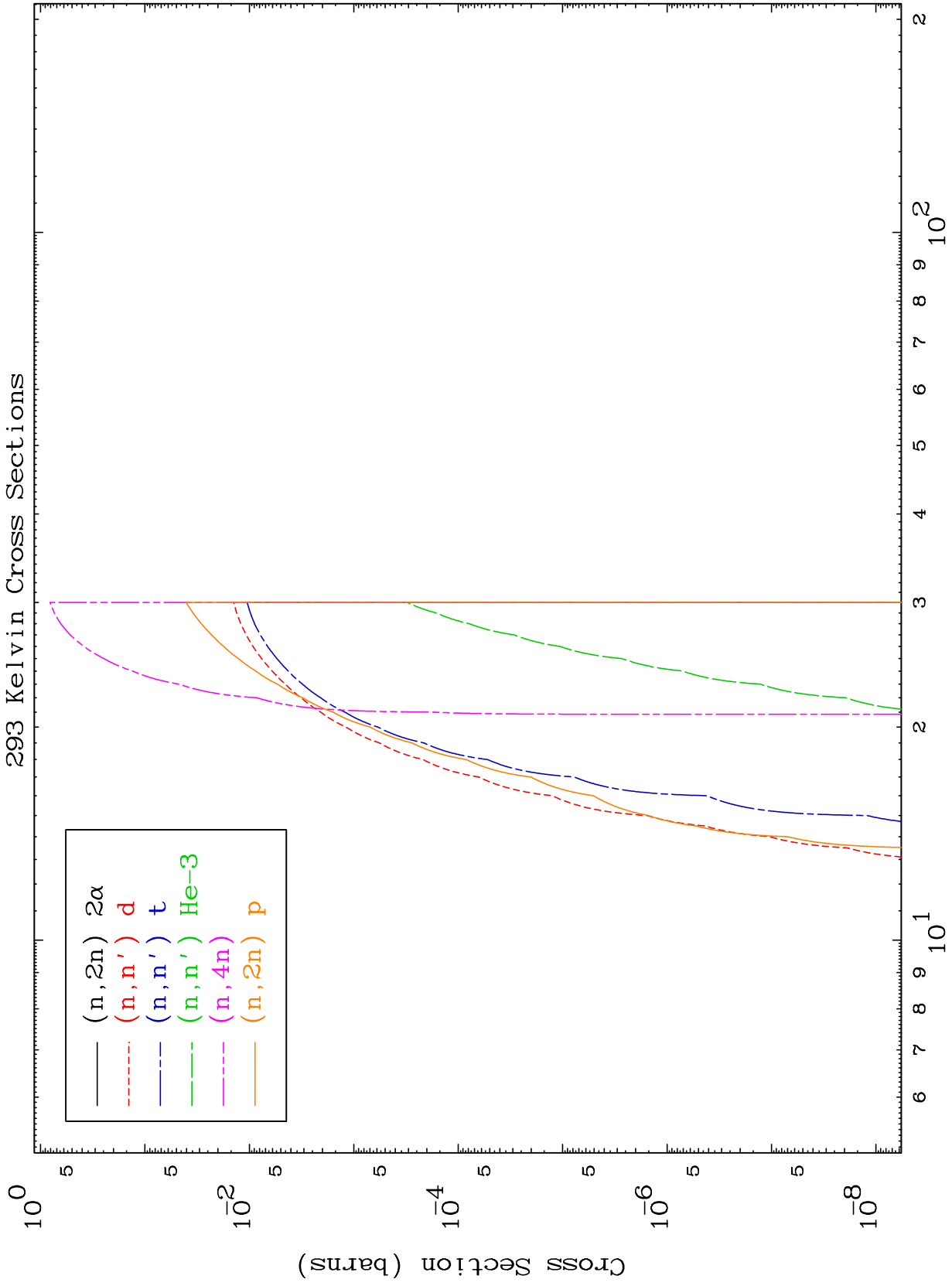


MAT 6146

Neutron Production  
293 Kelvin Cross Sections

61-Pm-146

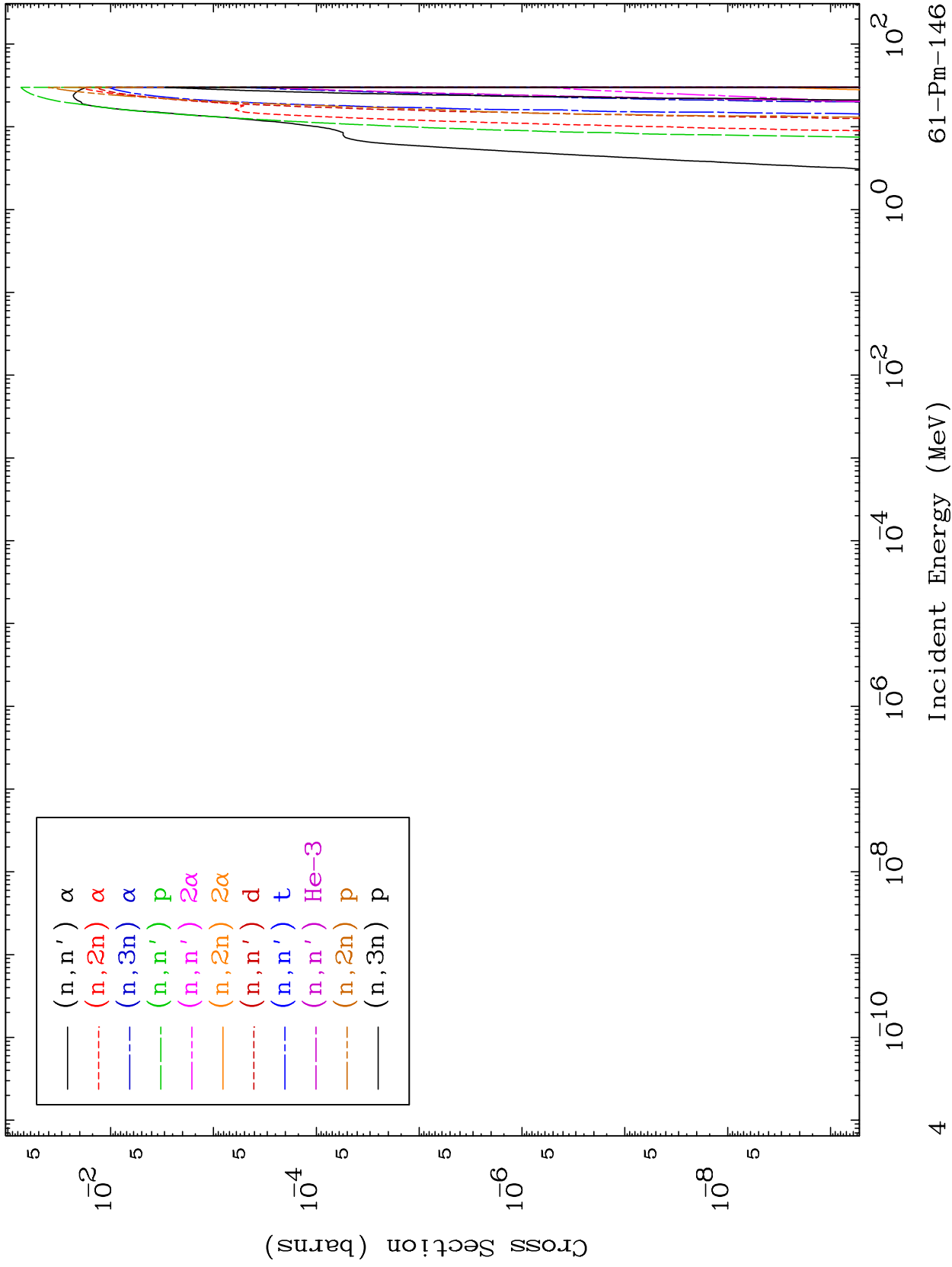




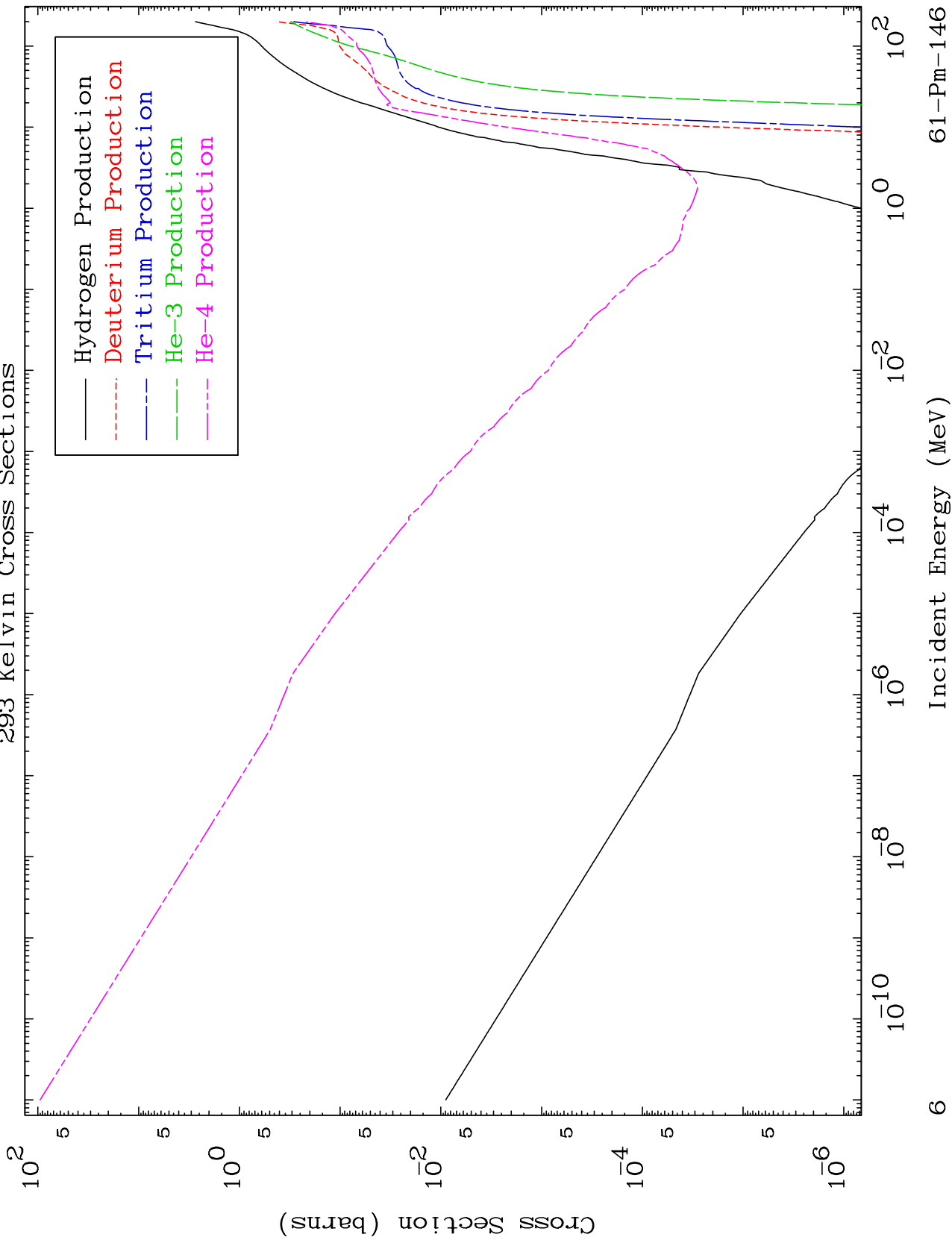
MAT 6146

Charged Particle  
293 Kelvin Cross Sections

61-Pm-146





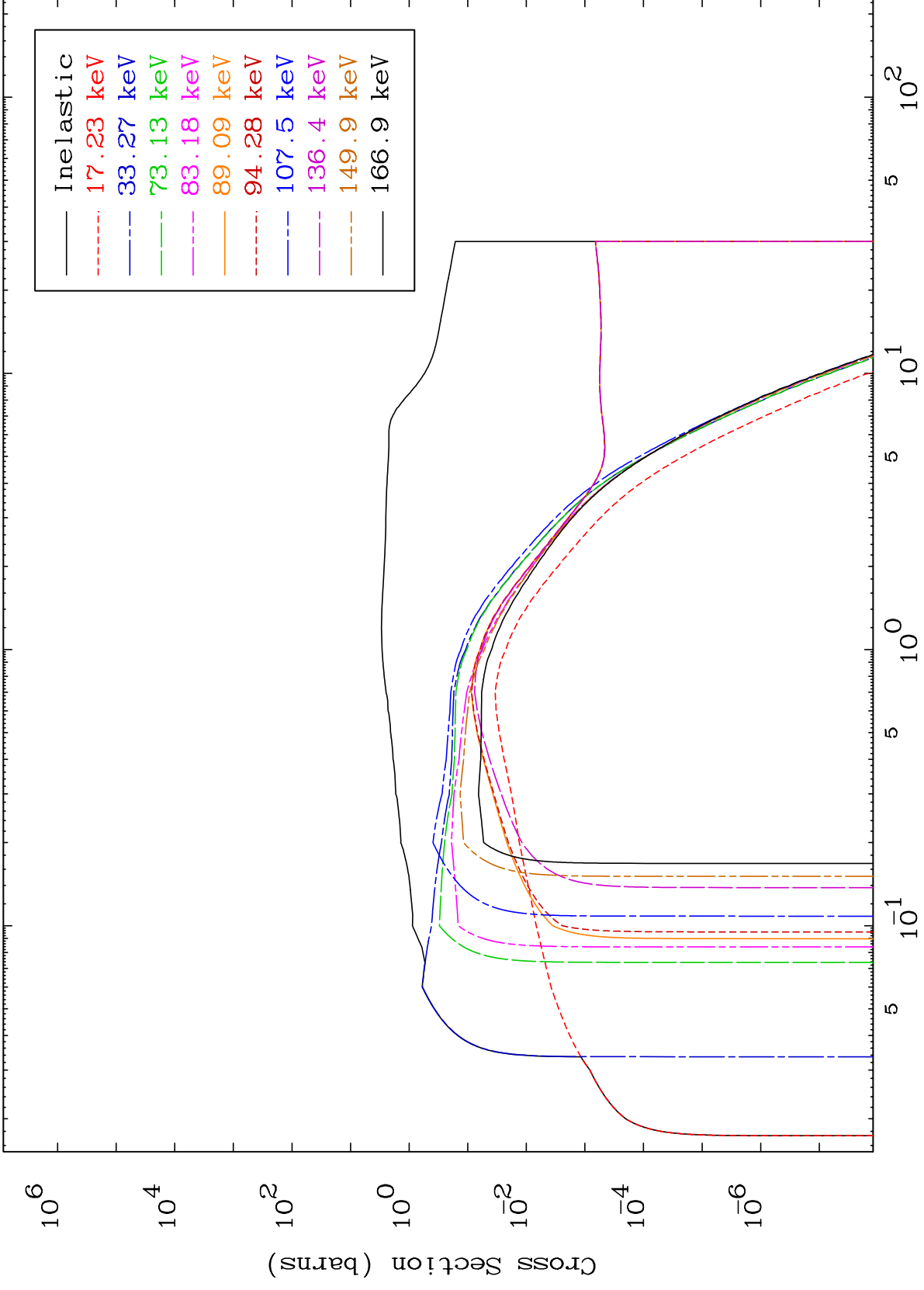


MAT 6146

(n,n') Level

61-Pm-146

293 Kelvin Cross Sections



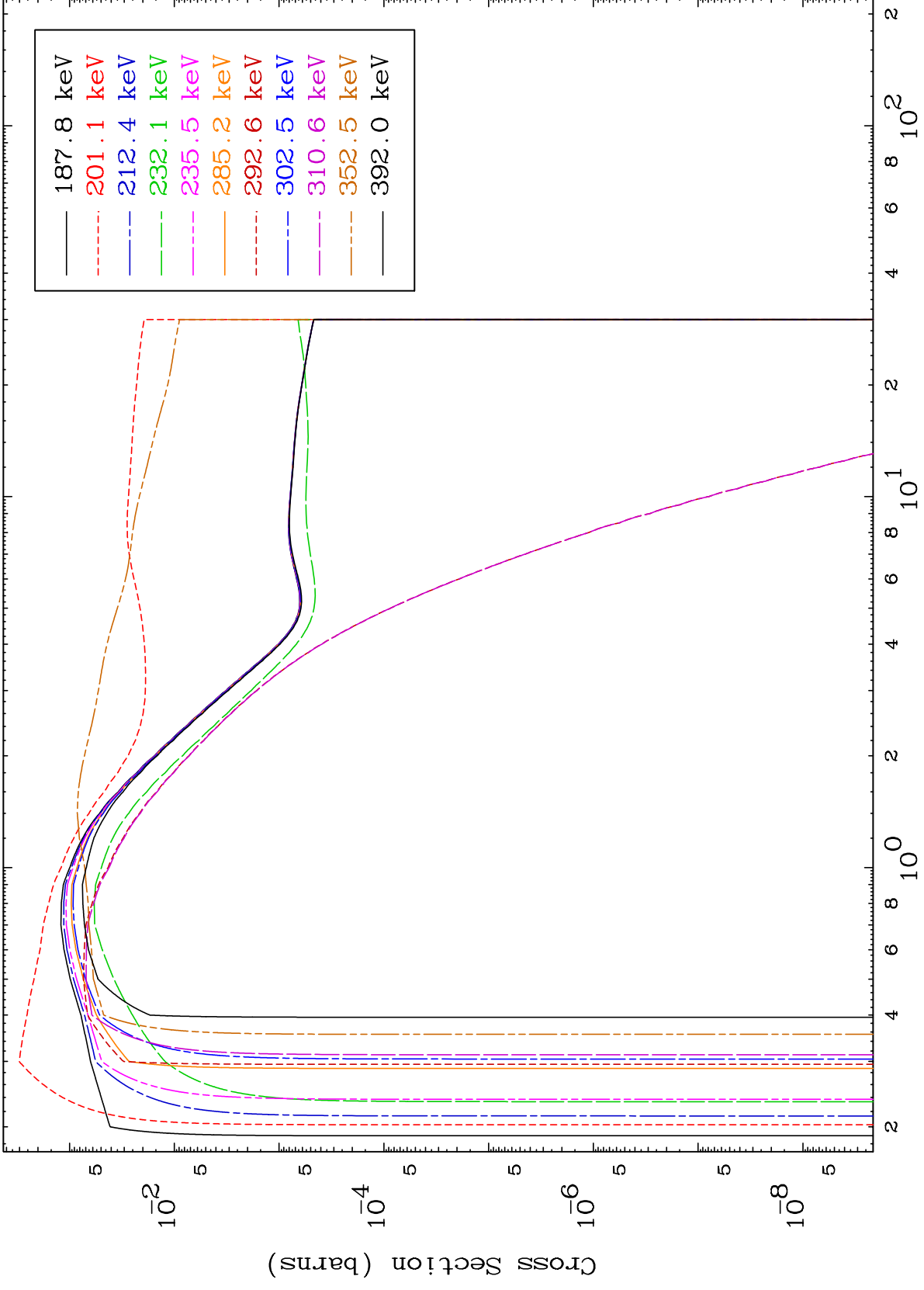


MAT 6146

(n,n') Level

61-Pm-146

293 Kelvin Cross Sections



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Incident Energy (MeV)

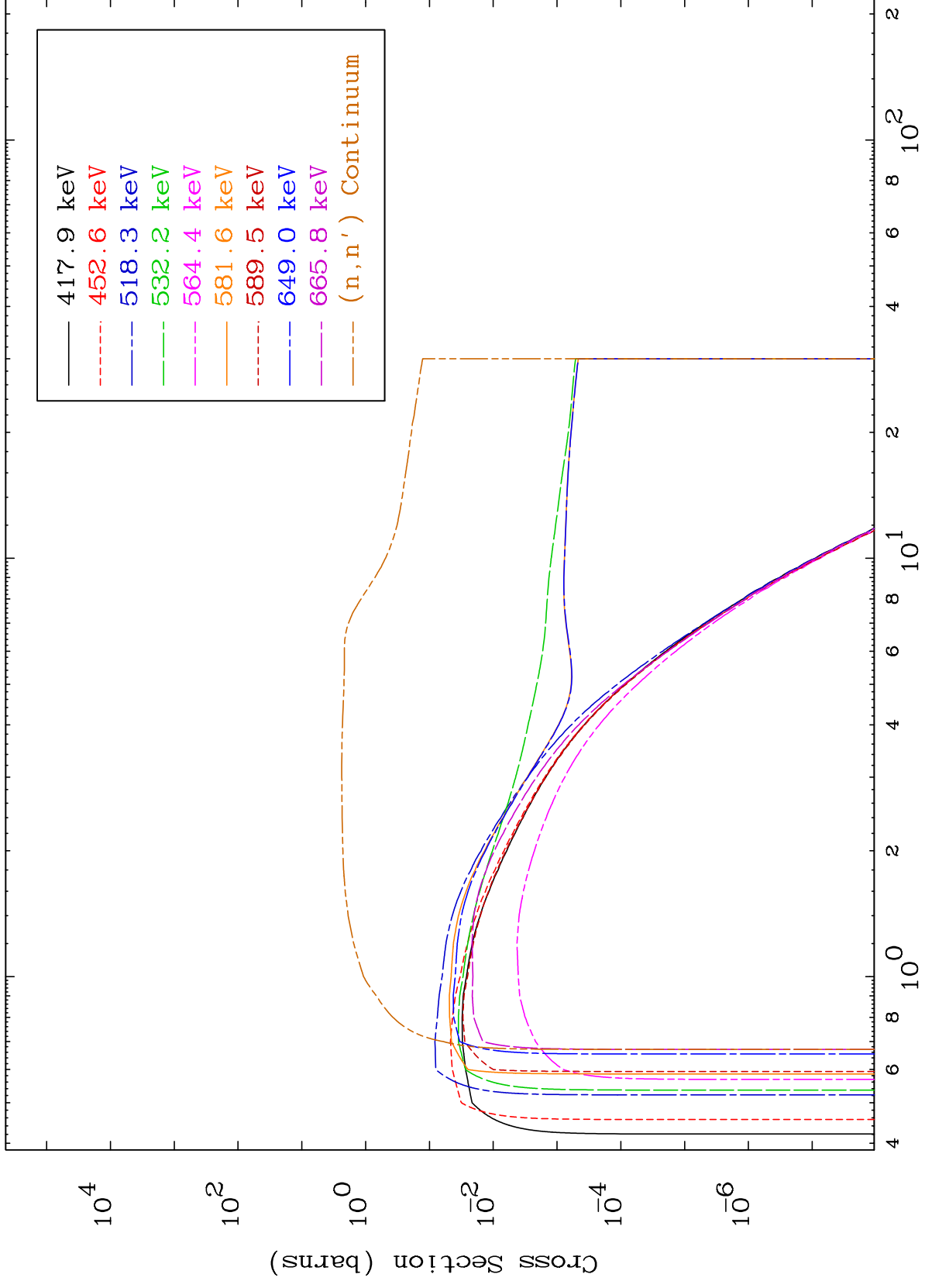
61-Pm-146

MAT 6146

(n,n') Level

61-Pm-146

293 Kelvin Cross Sections



9

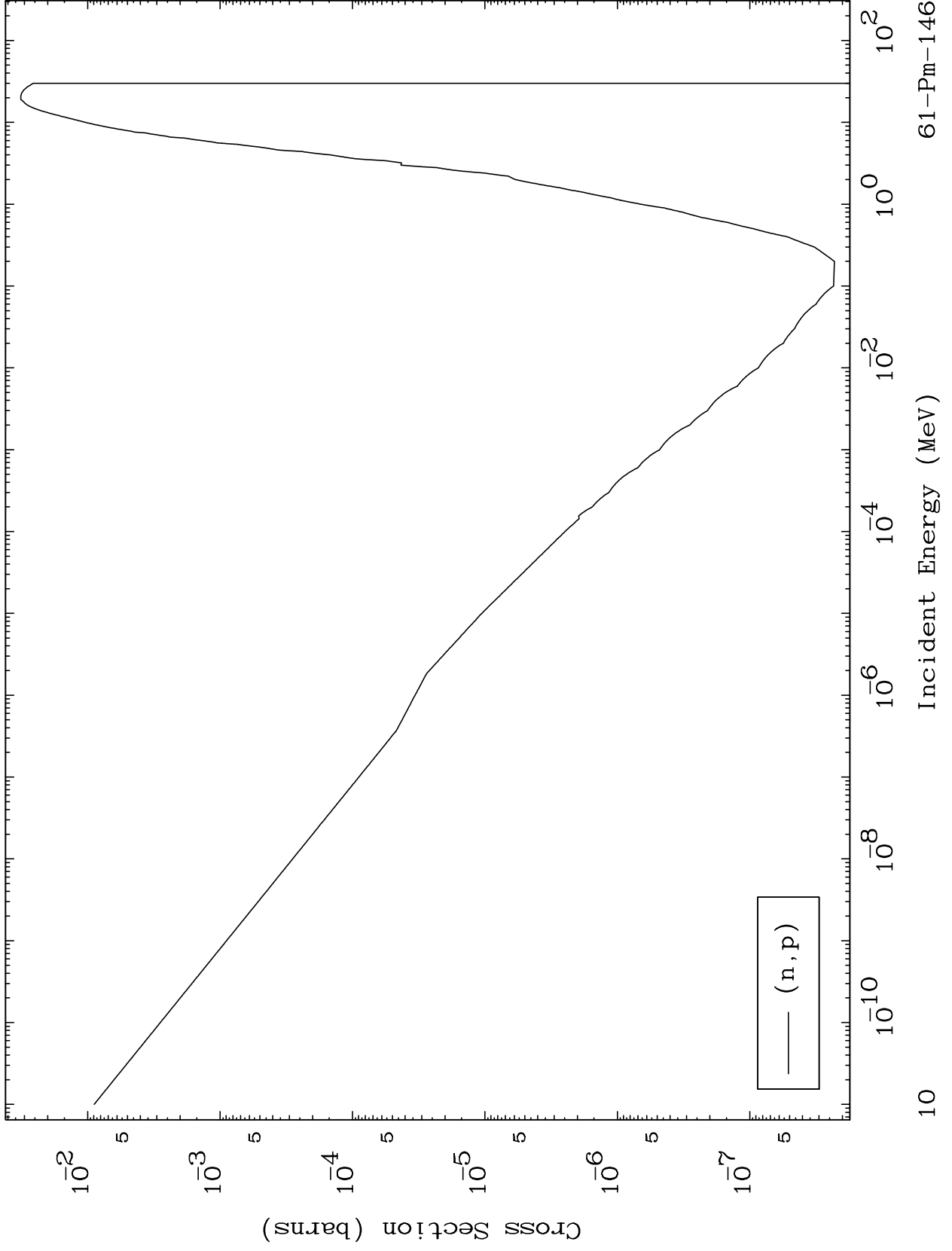
Incident Energy (MeV)

61-Pm-146

MAT 6146

(n,p) Levels  
293 Kelvin Cross Sections

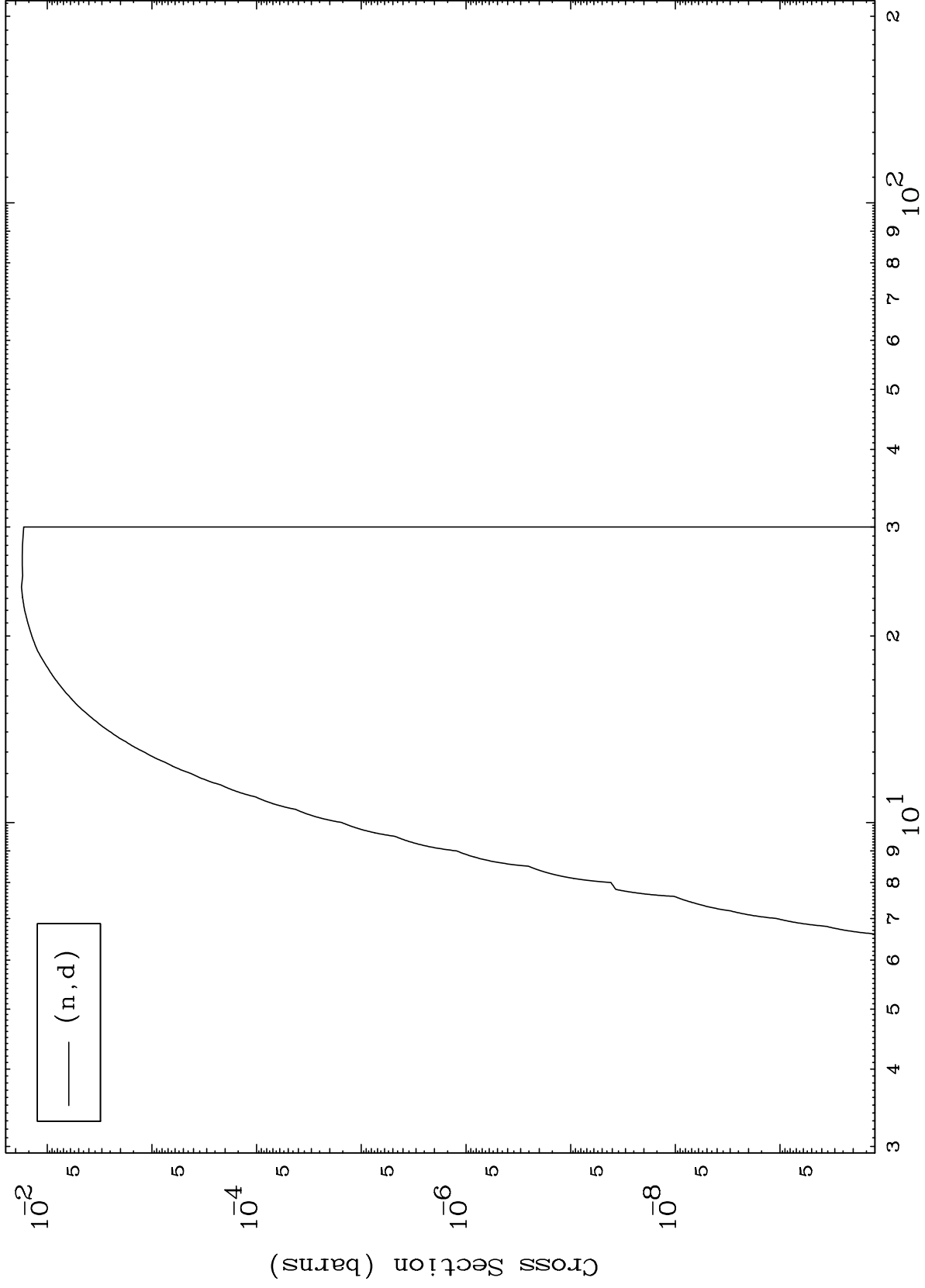
61-Pm-146



MAT 6146

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-146



(n,d)

Incident Energy (MeV)

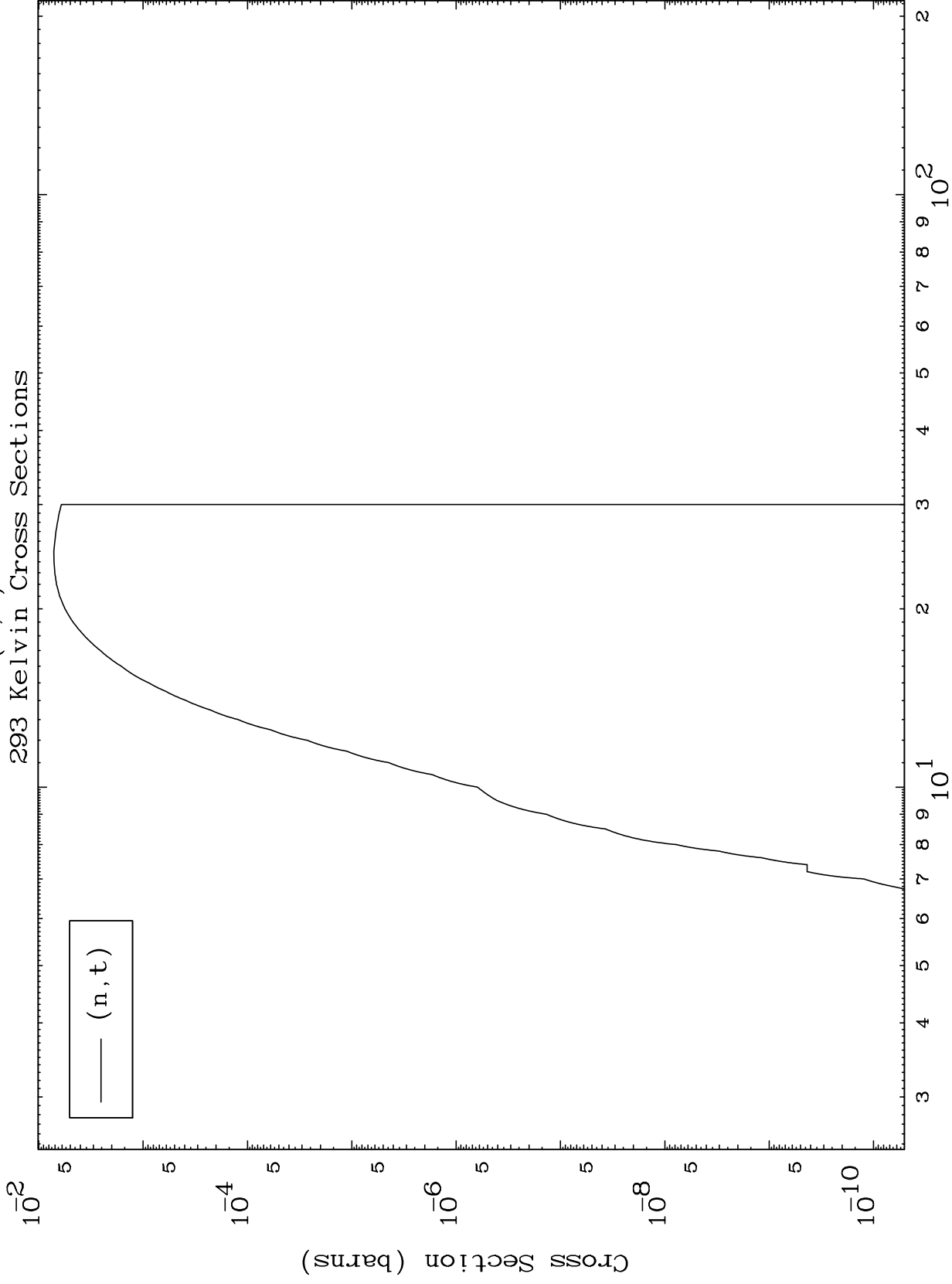
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11

MAT 6146

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-146



12

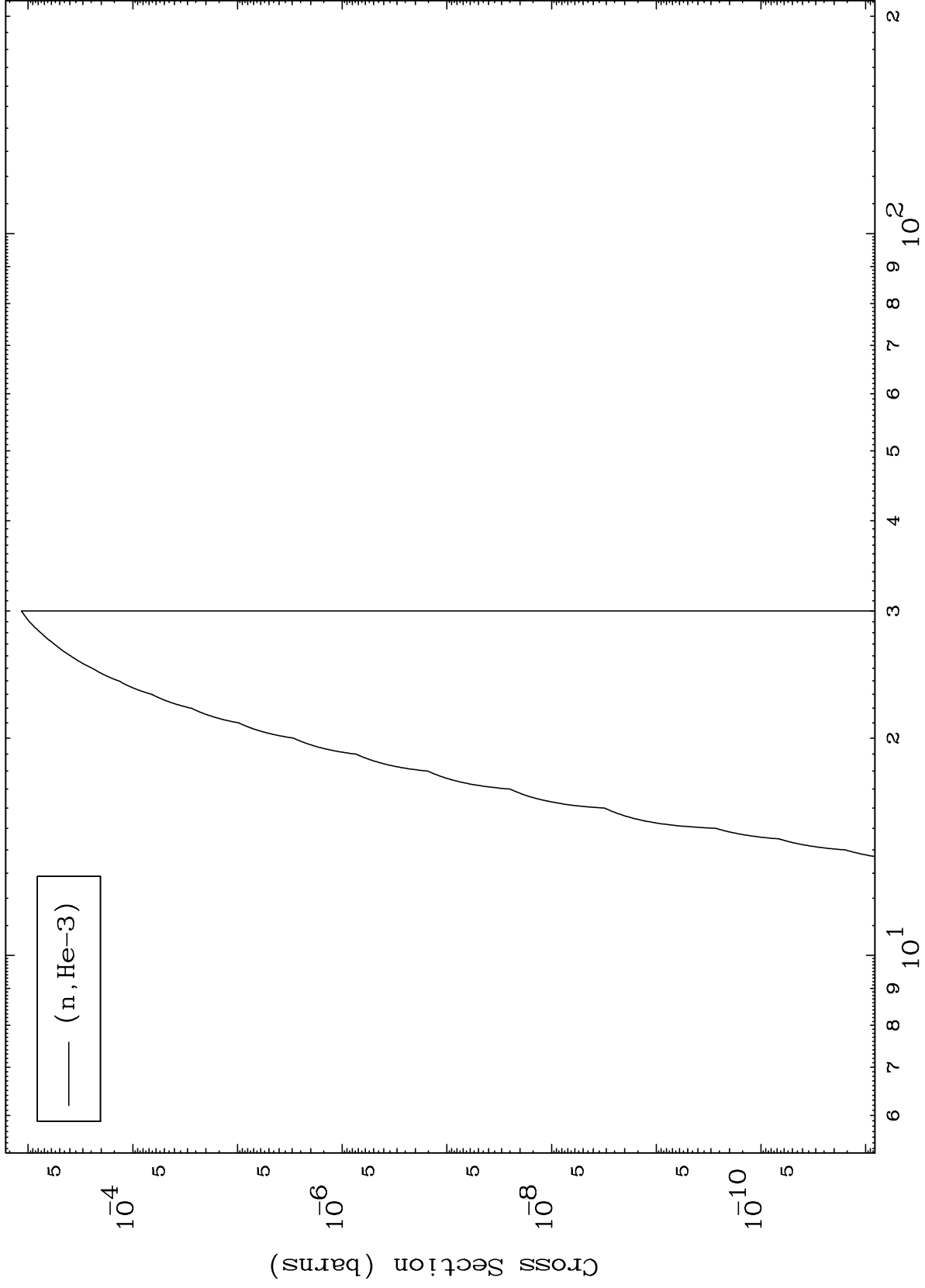
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61-Pm-146

MAT 6146

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-146



13

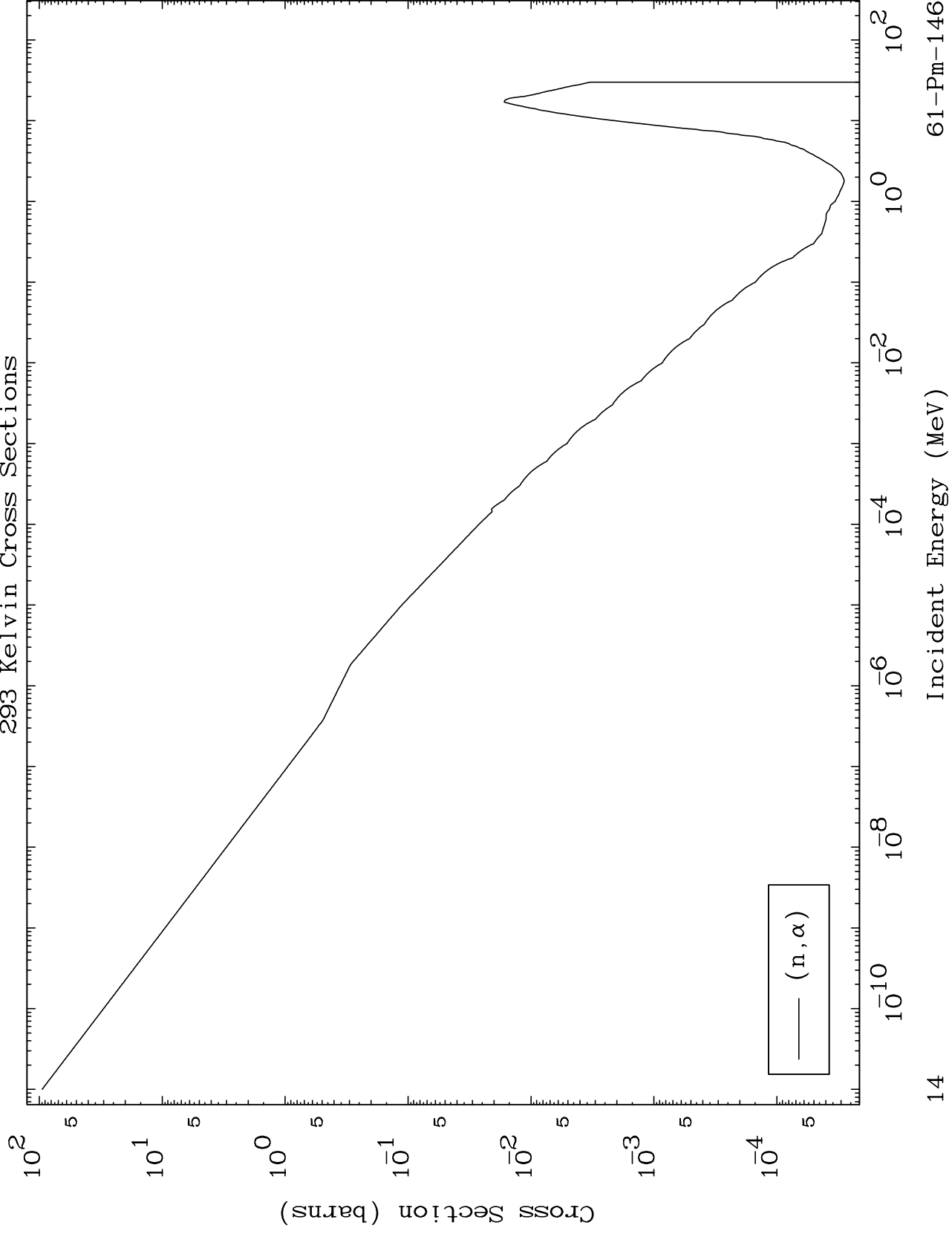
Incident Energy (MeV)

61-Pm-146

MAT 6146

(n,α) Levels  
293 Kelvin Cross Sections

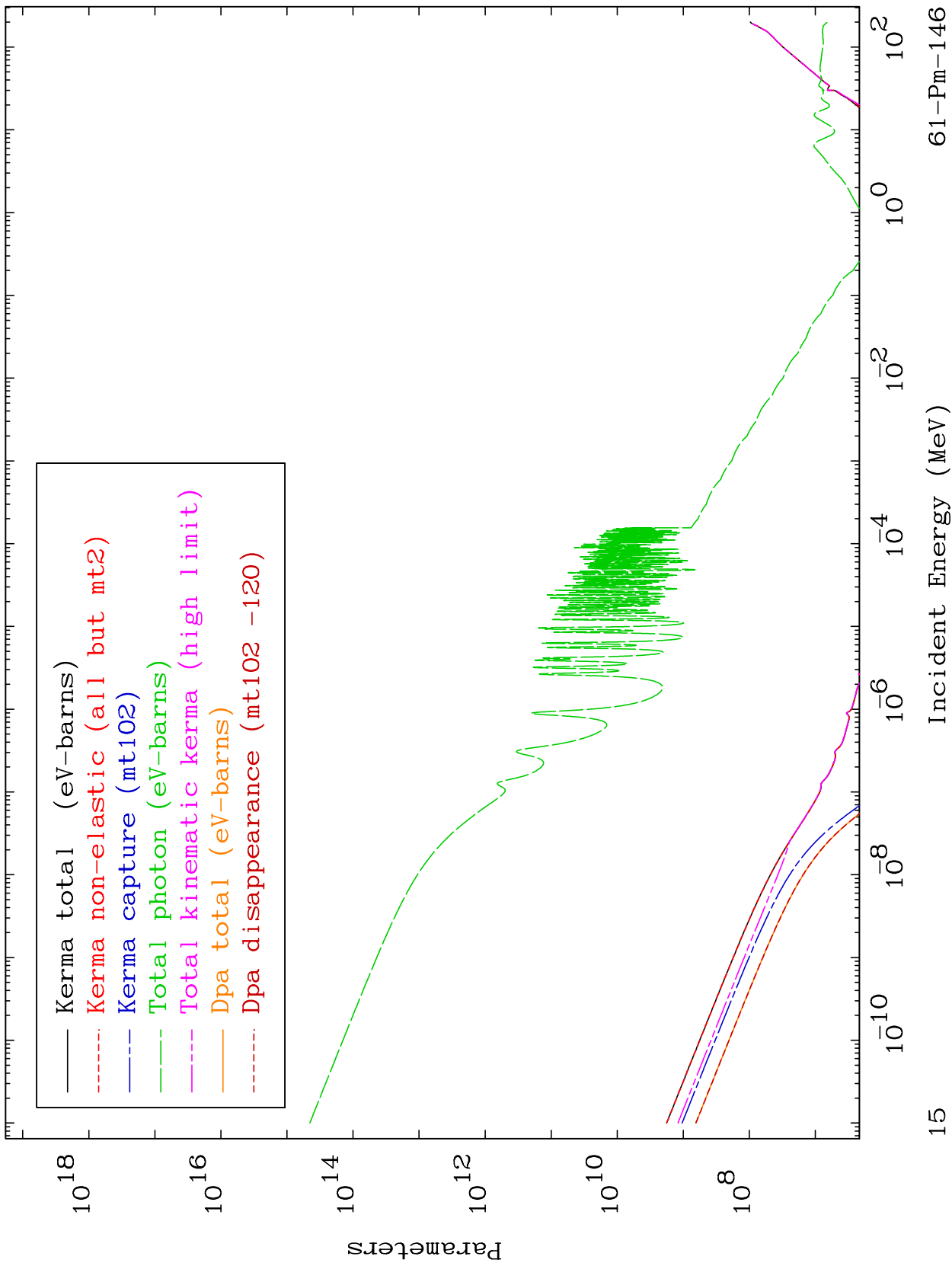
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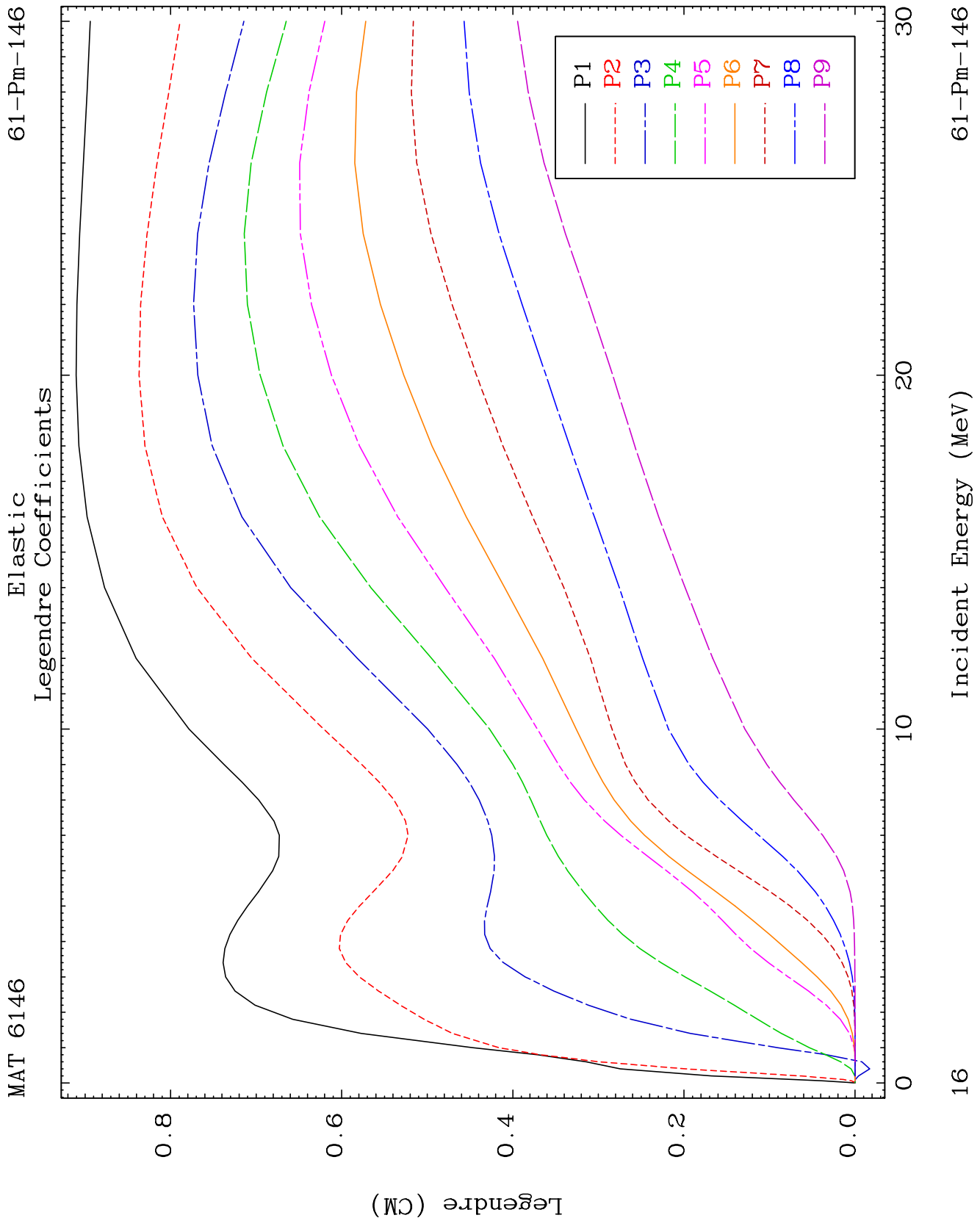
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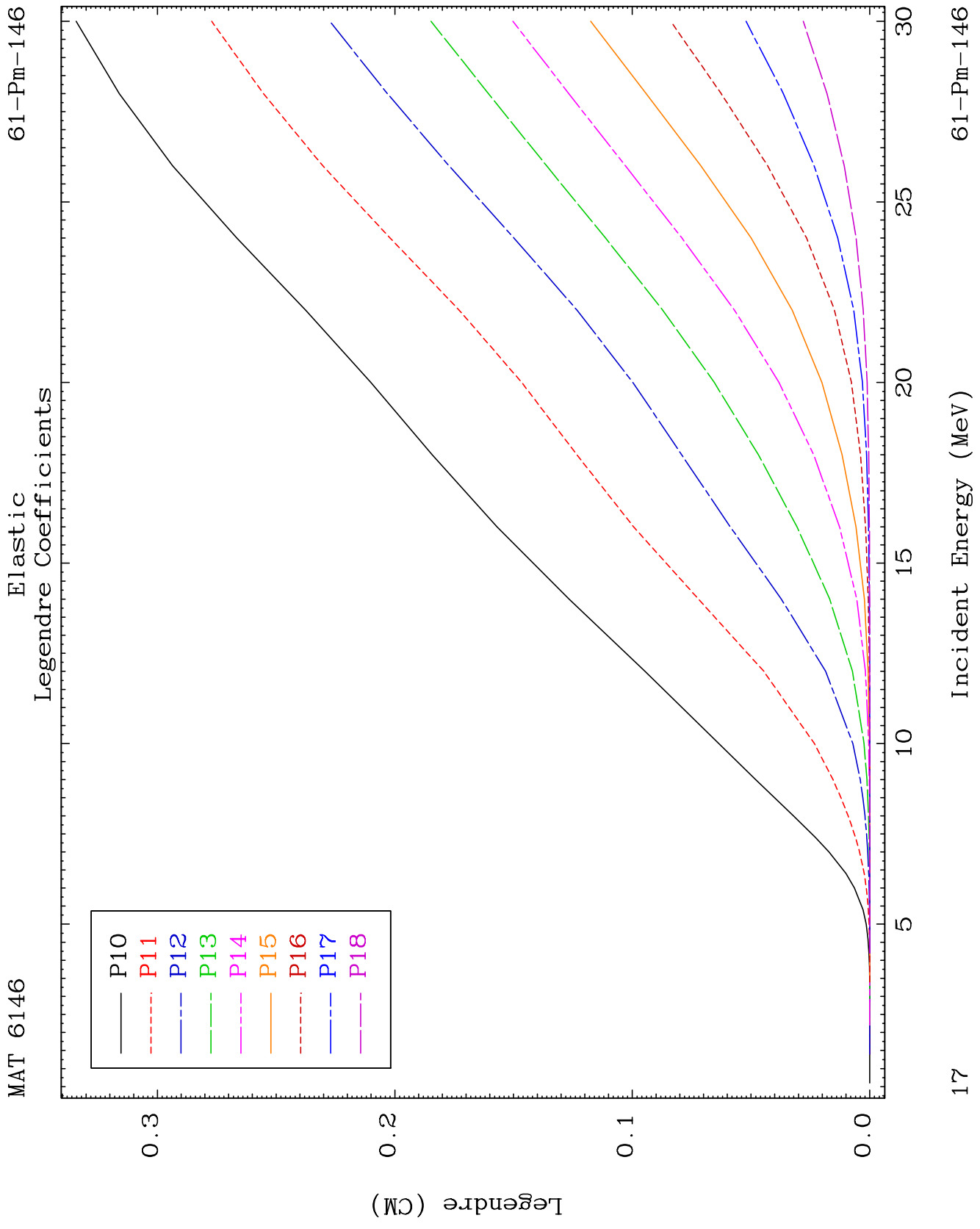
Incident Energy (MeV)

61-Pm-146





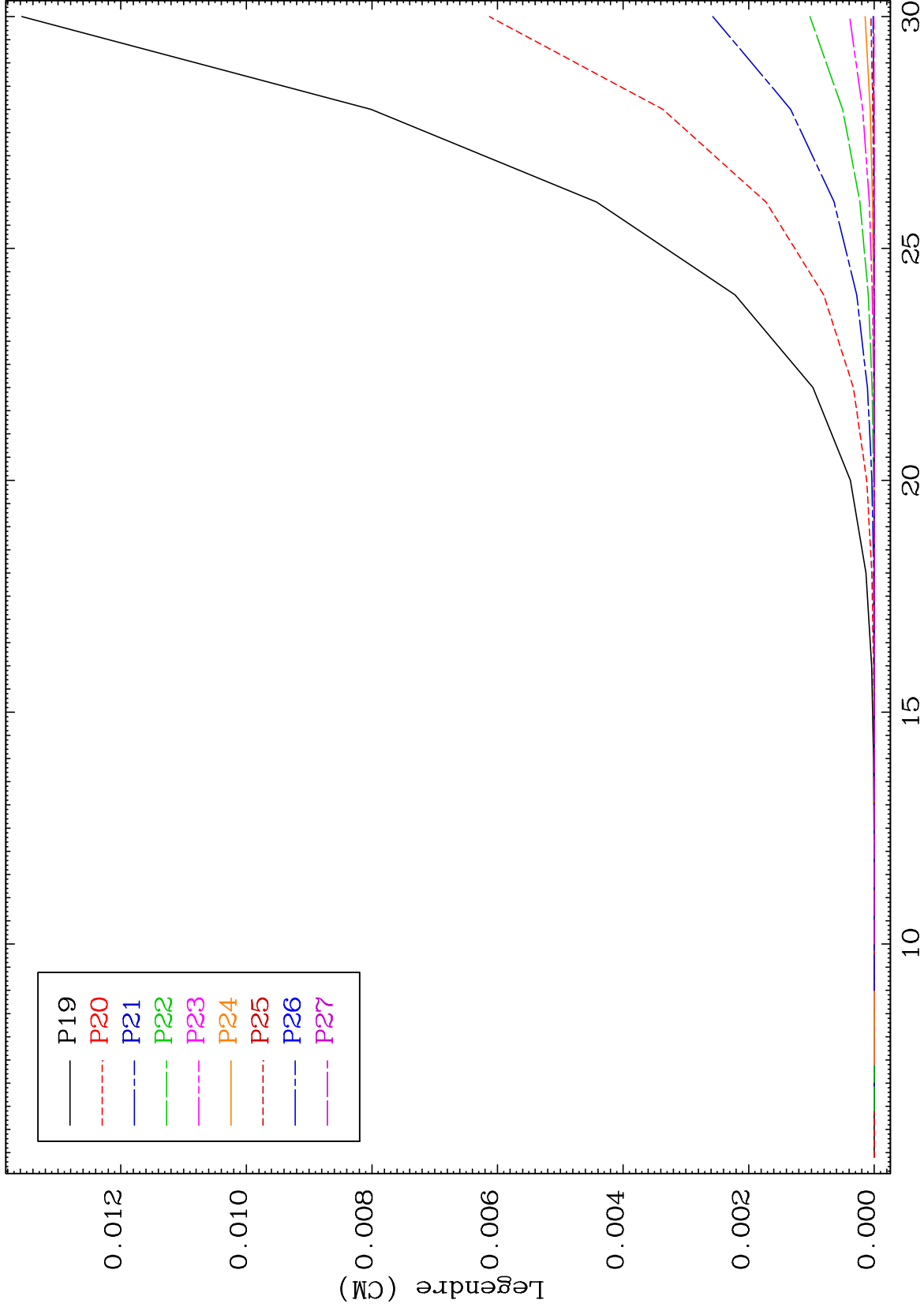




MAT 6146

### Elastic Legendre Coefficients

61-Pm-146



18

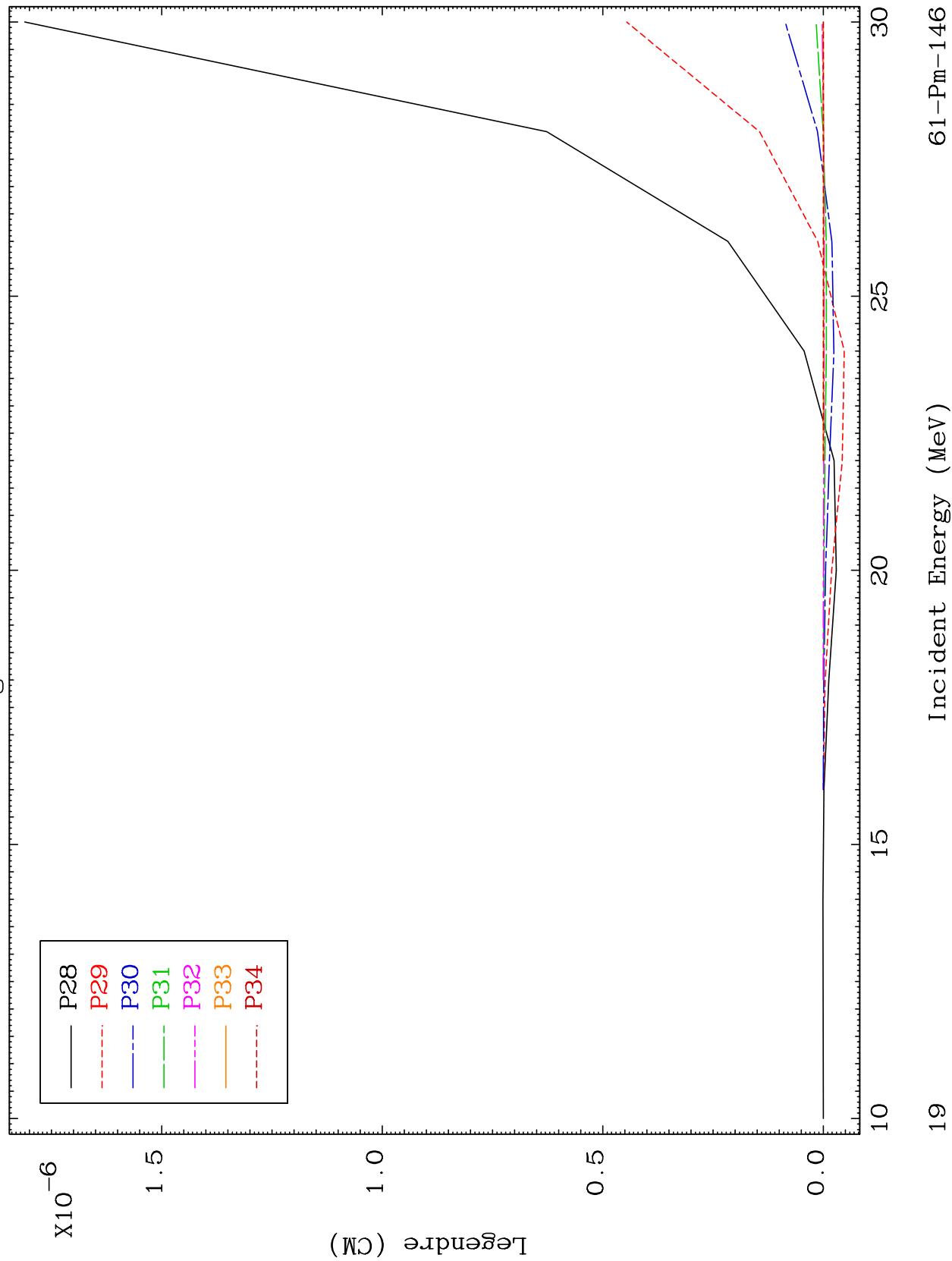
Incident Energy (MeV)

61-Pm-146

MAT 6146

Elastic  
Legendre Coefficients

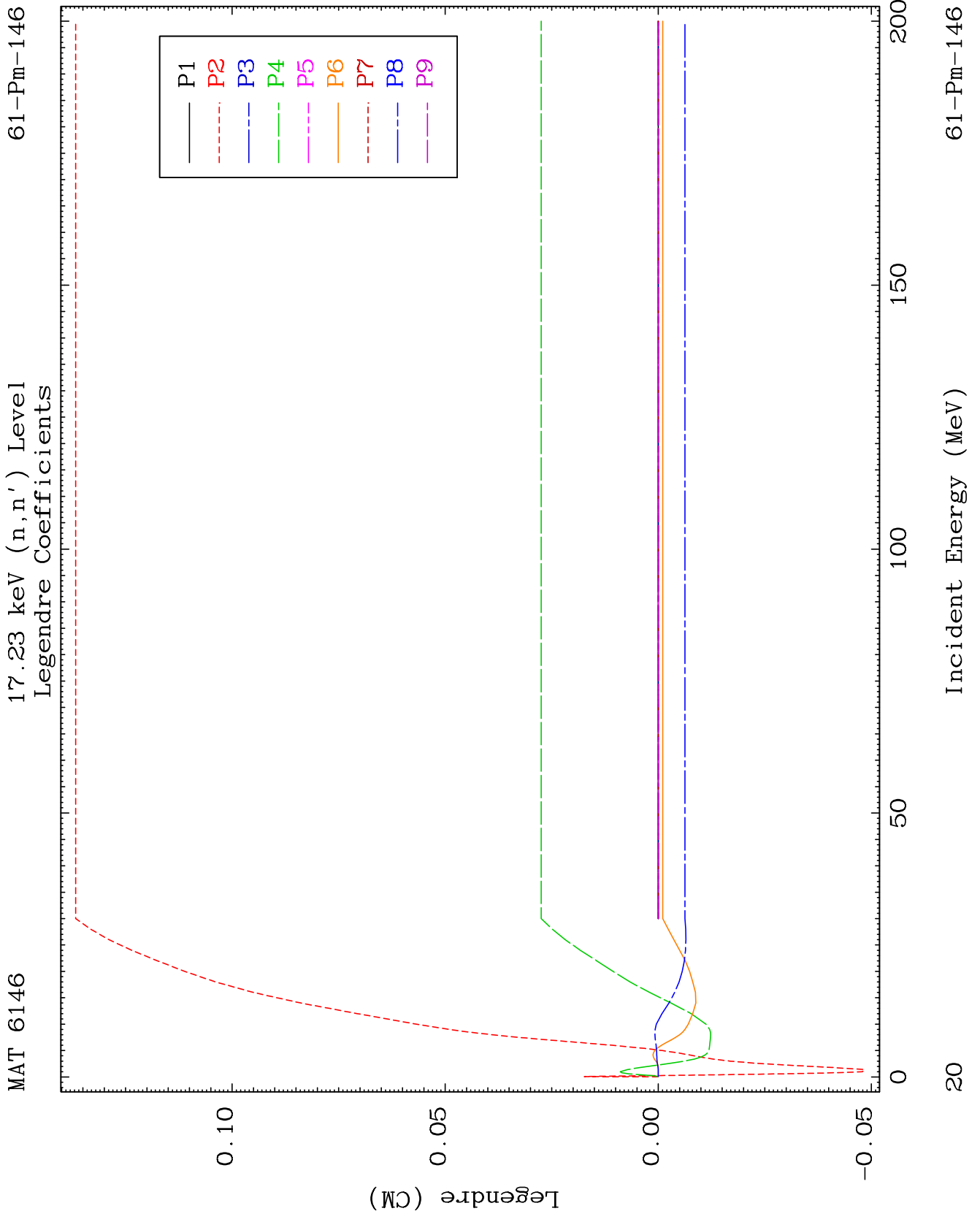
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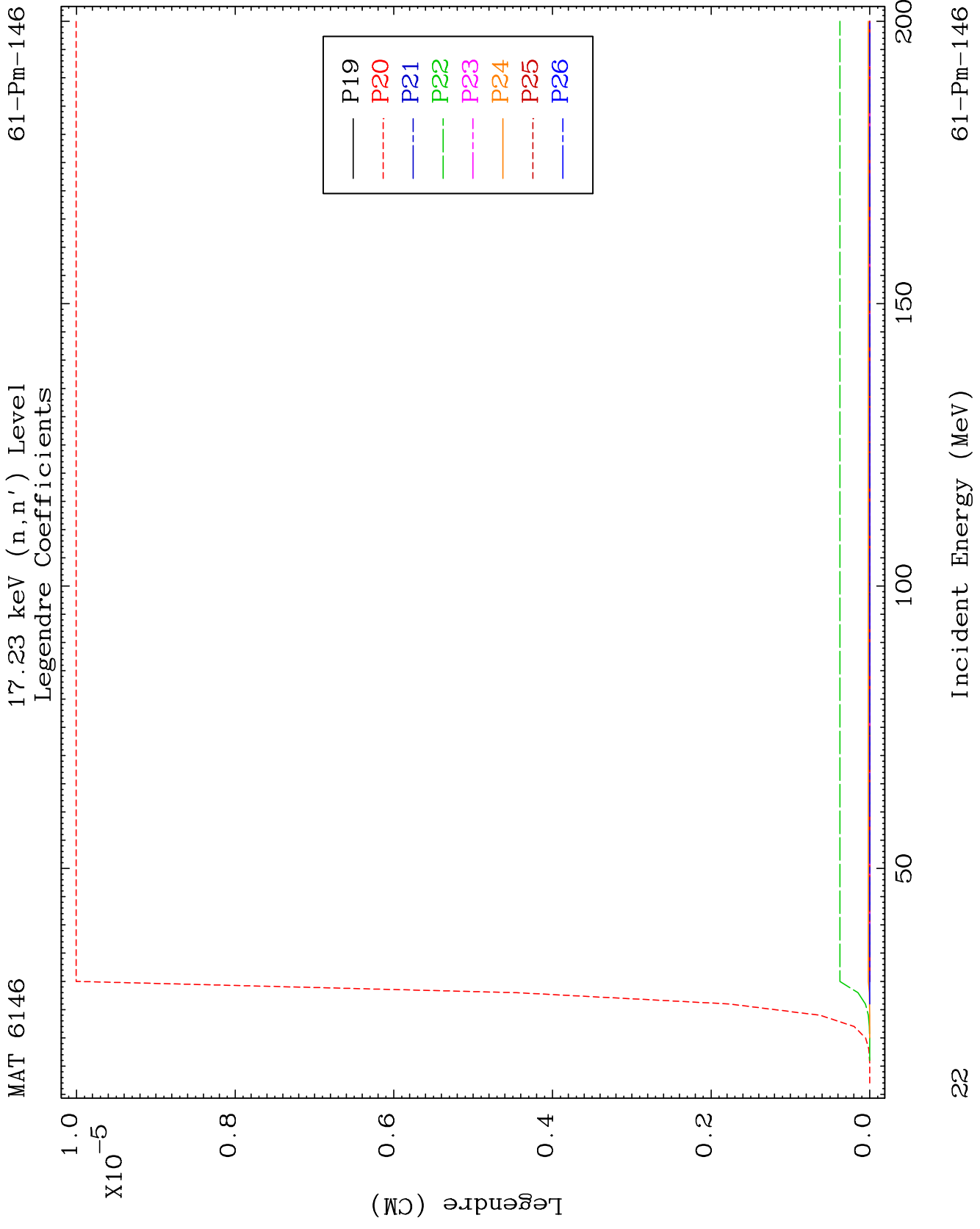
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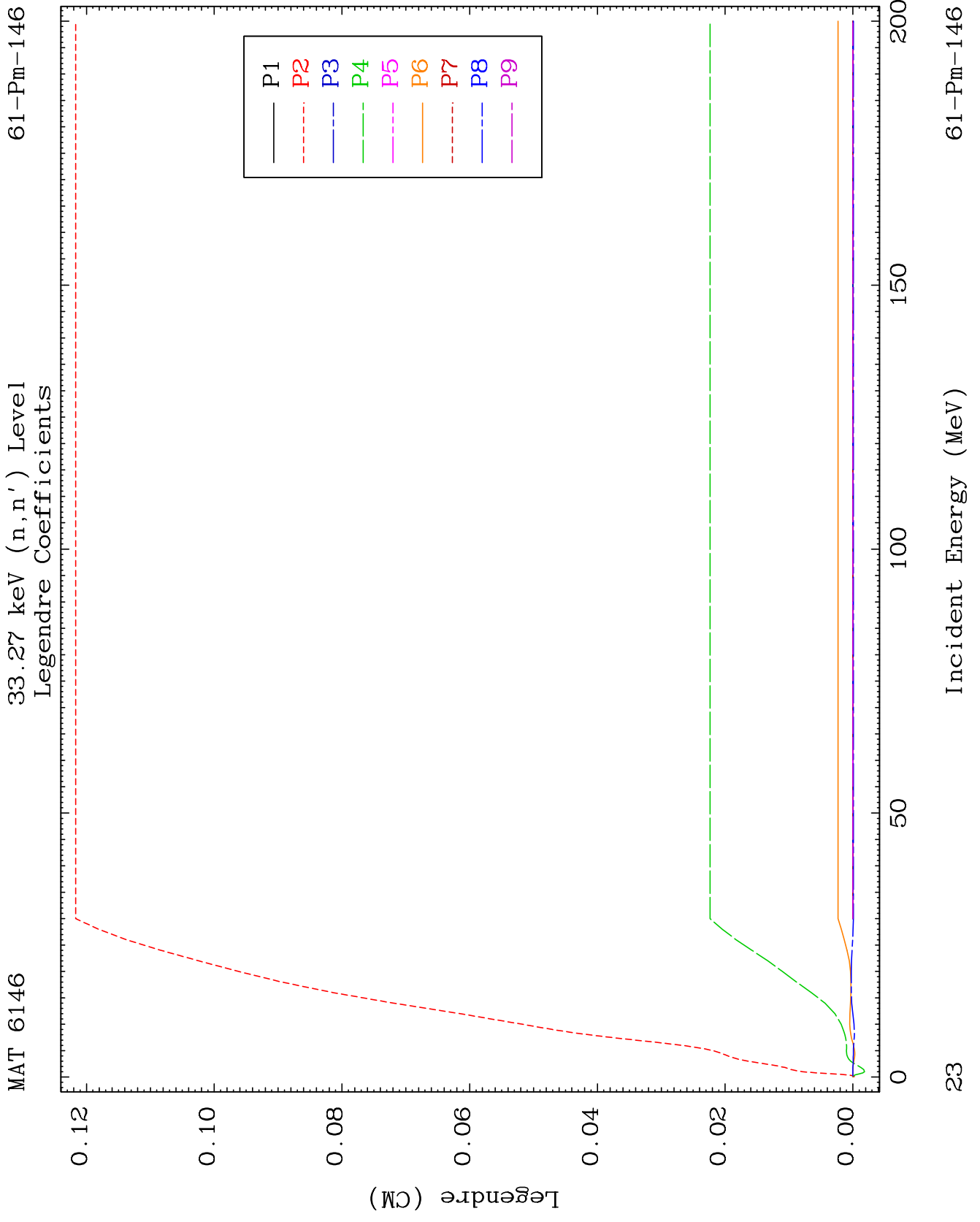
Incident Energy (MeV)

61-Pm-146







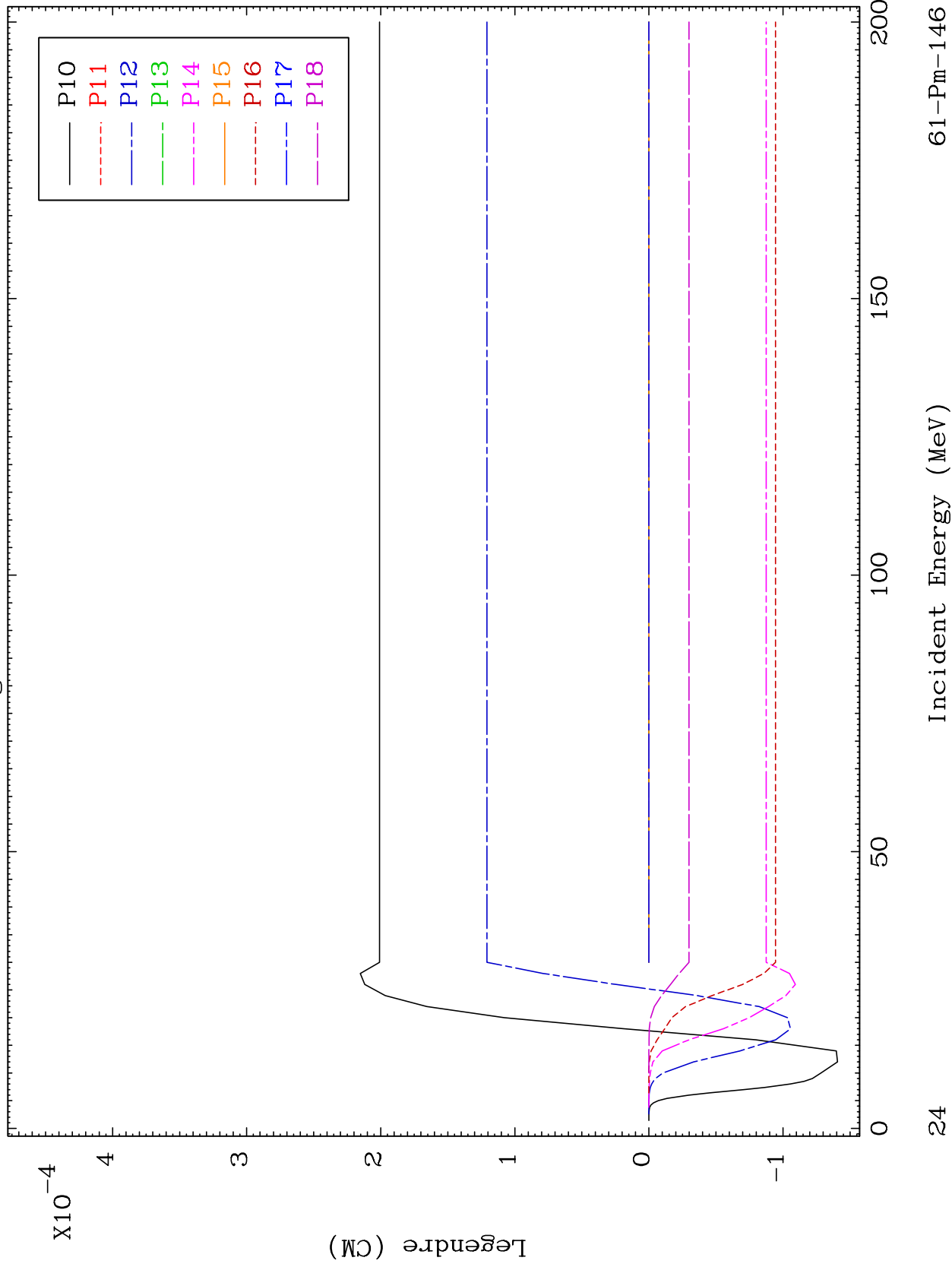




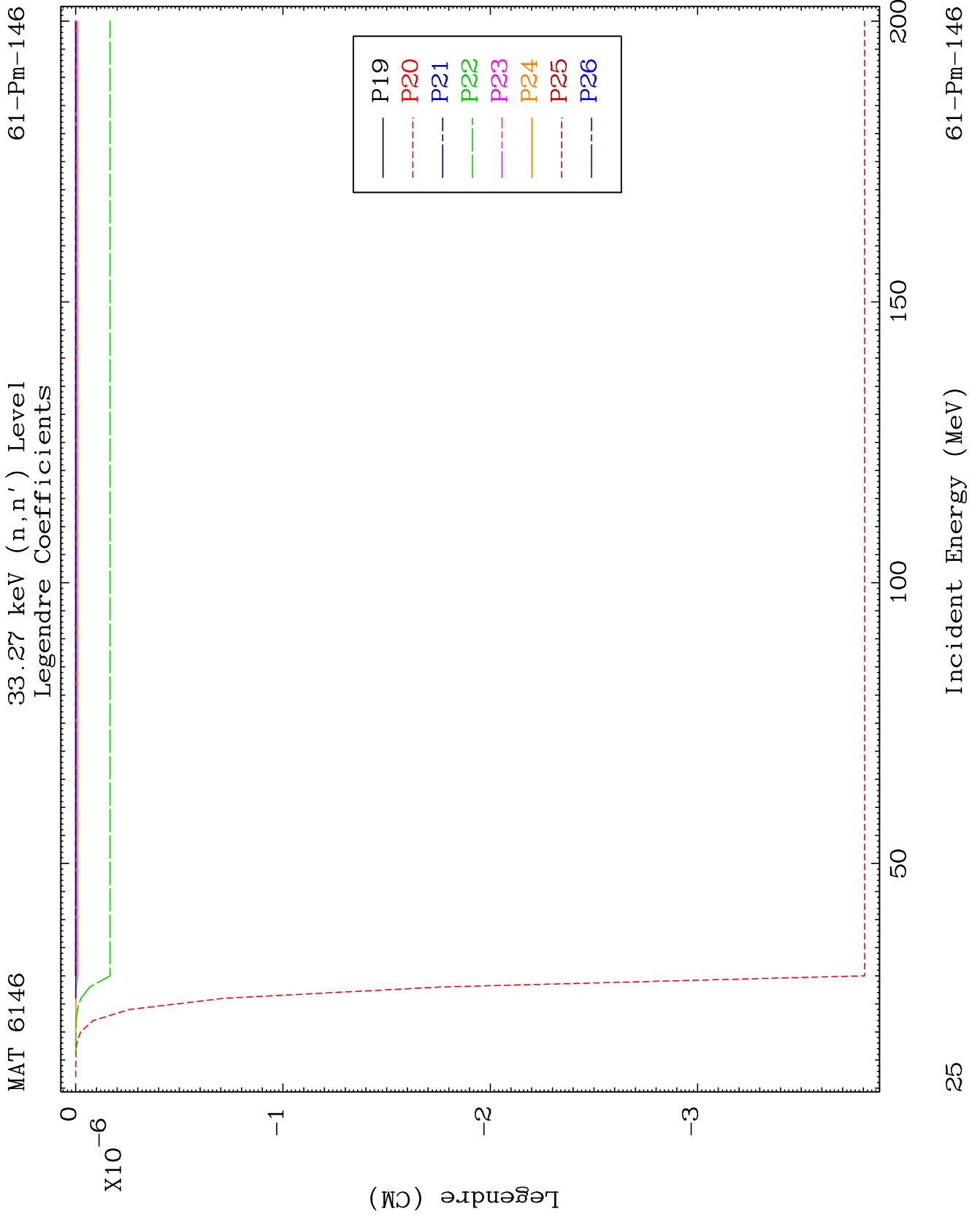
MAT 6146

33.27 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



61-Pm-146

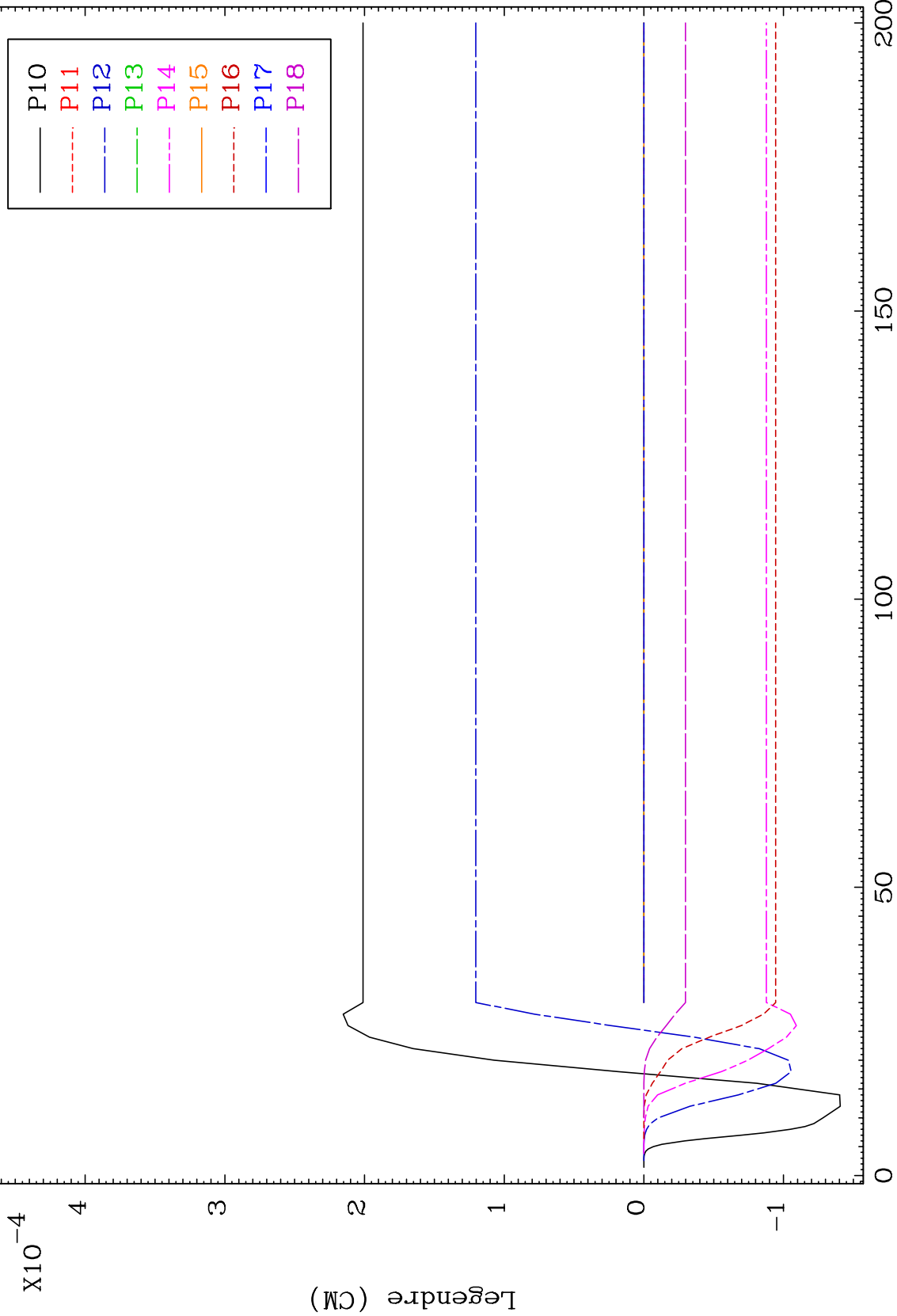




MAT 6146

73.13 keV (n,n') Level  
Legendre Coefficients

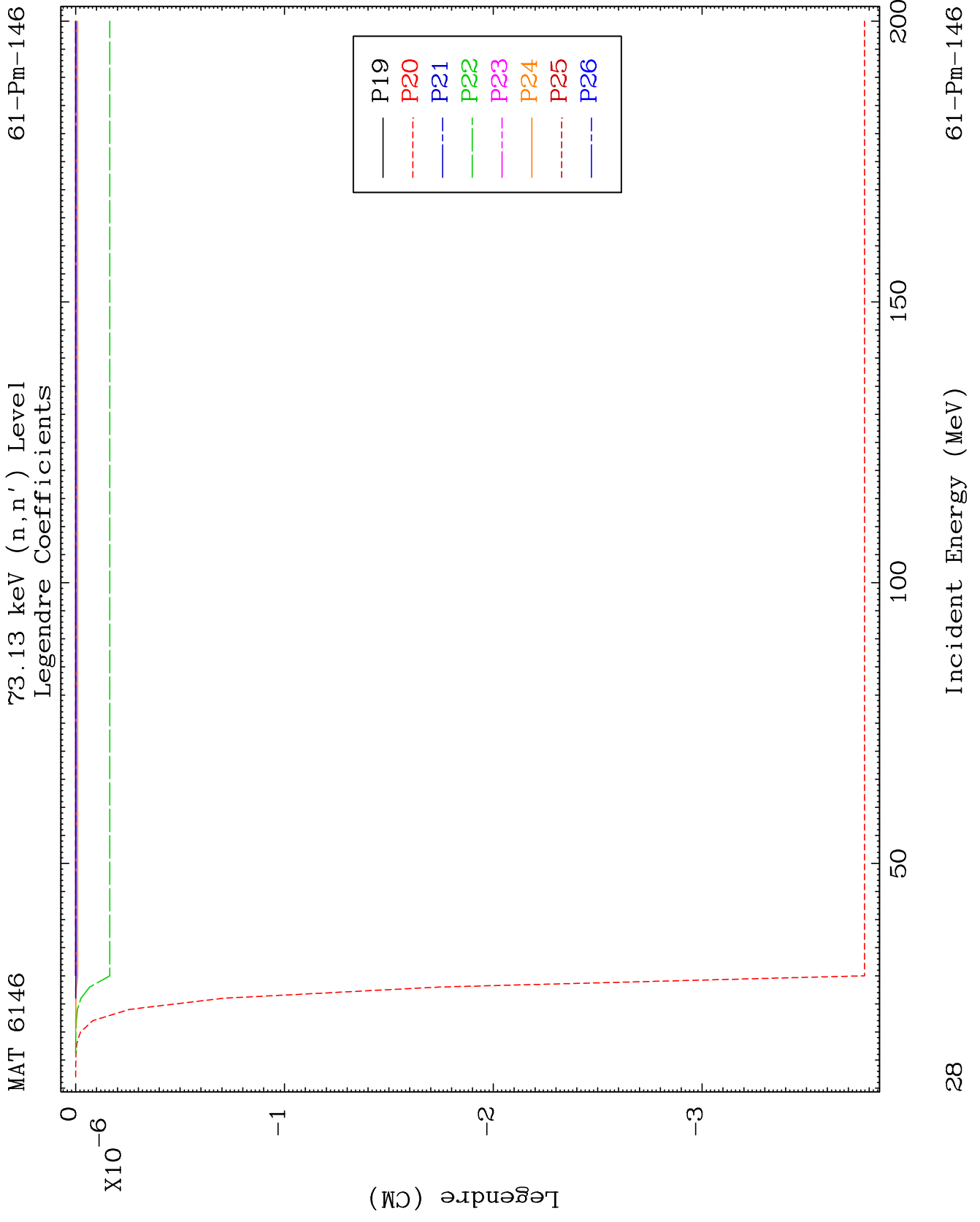
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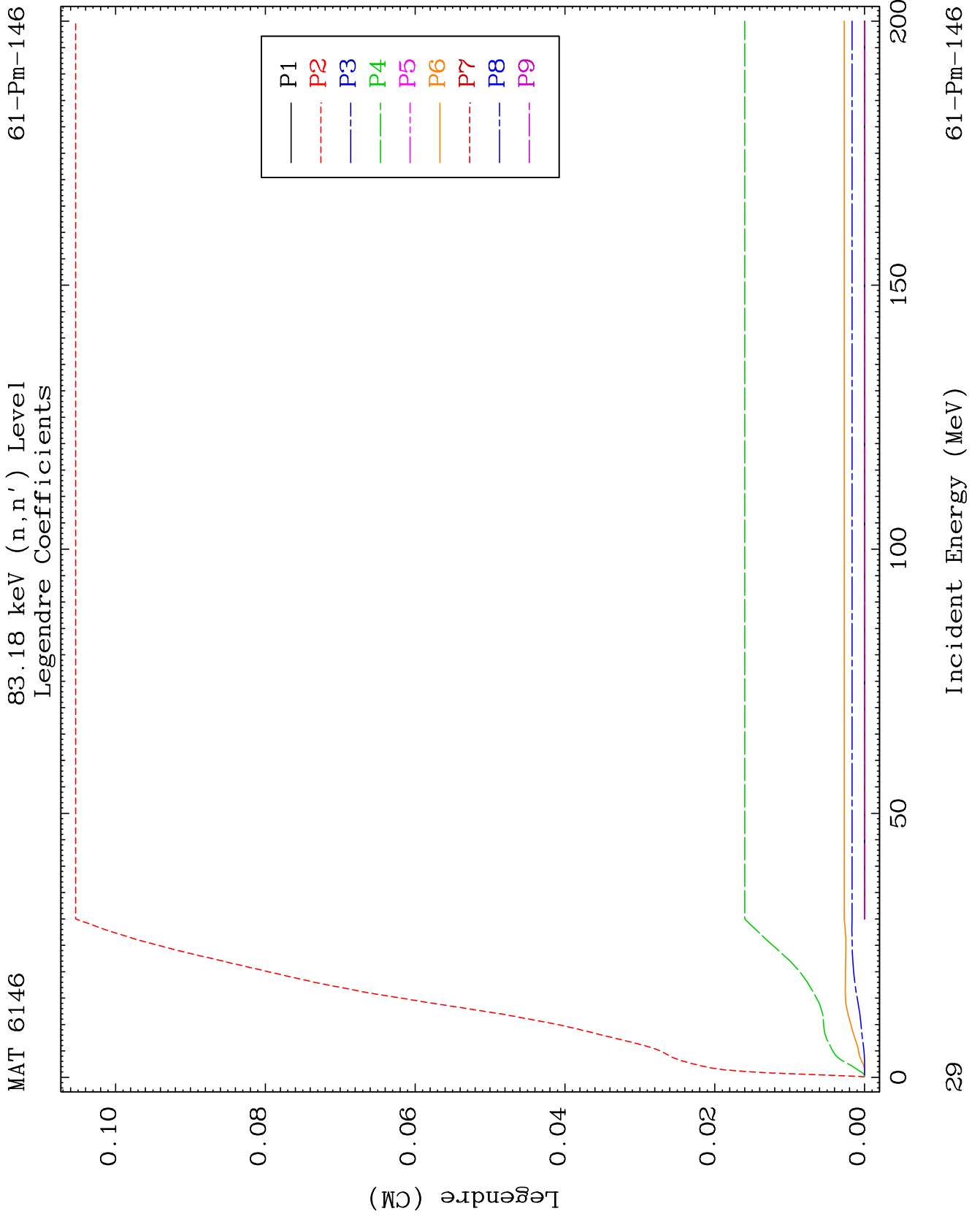


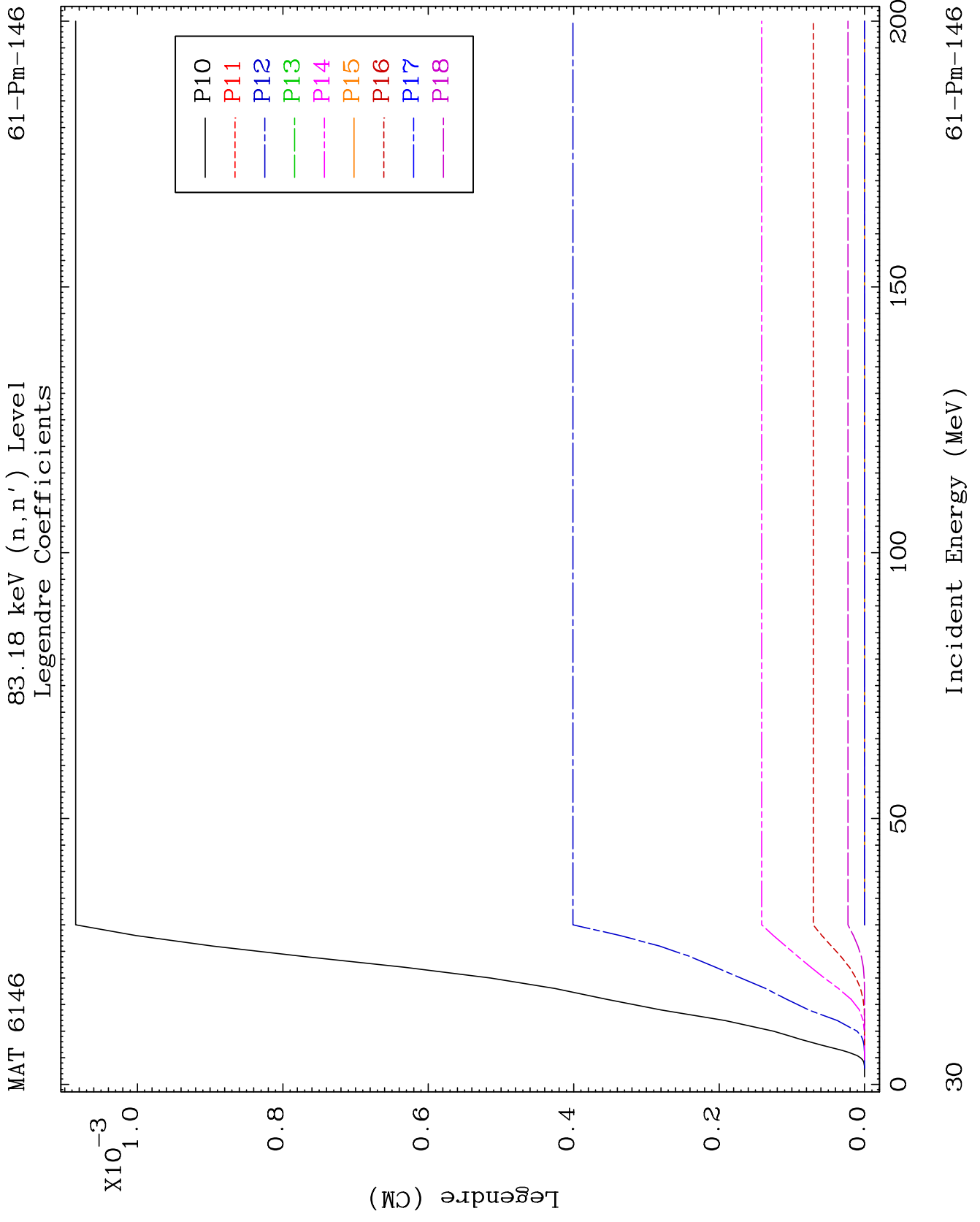
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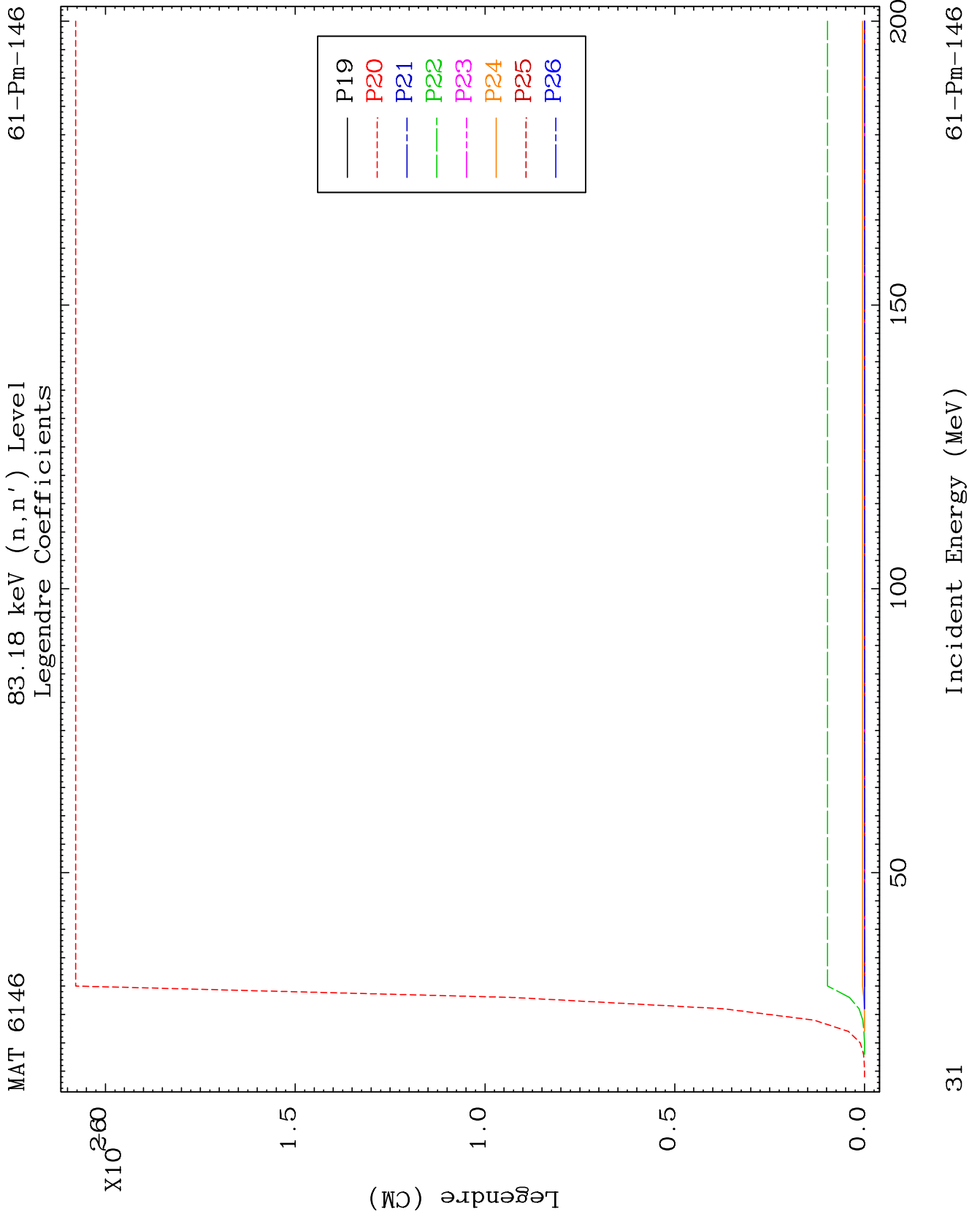
Incident Energy (MeV)

61-Pm-146

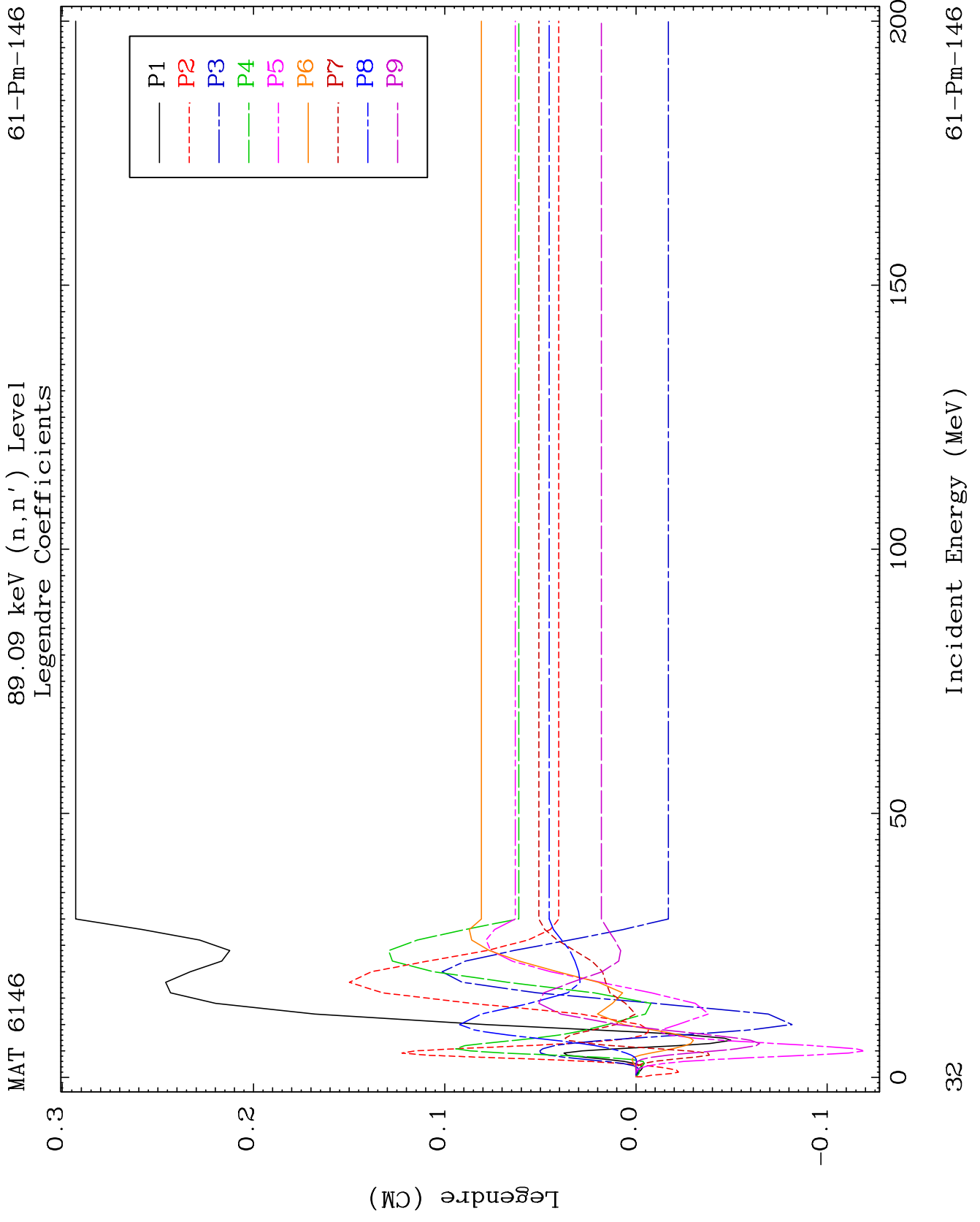


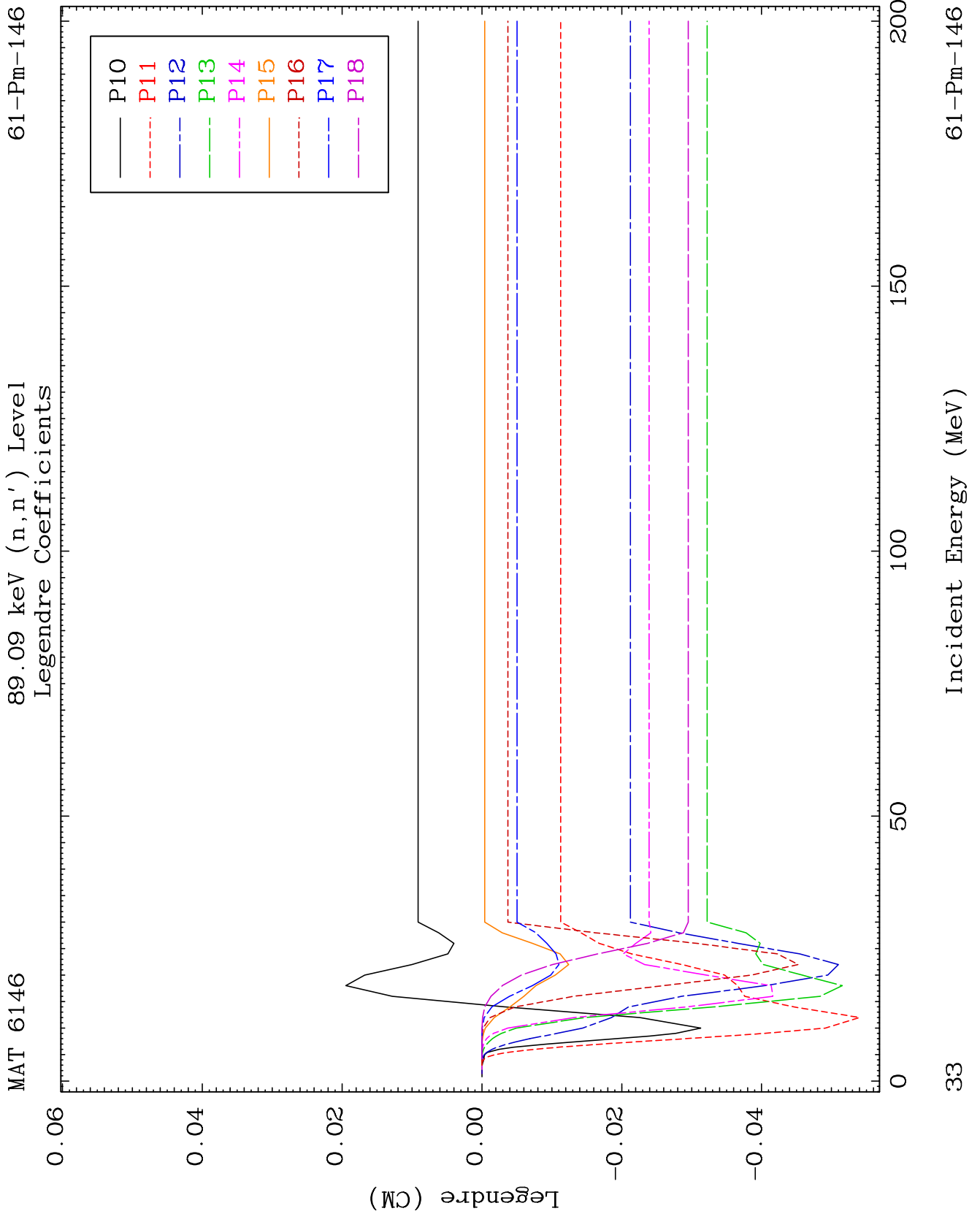








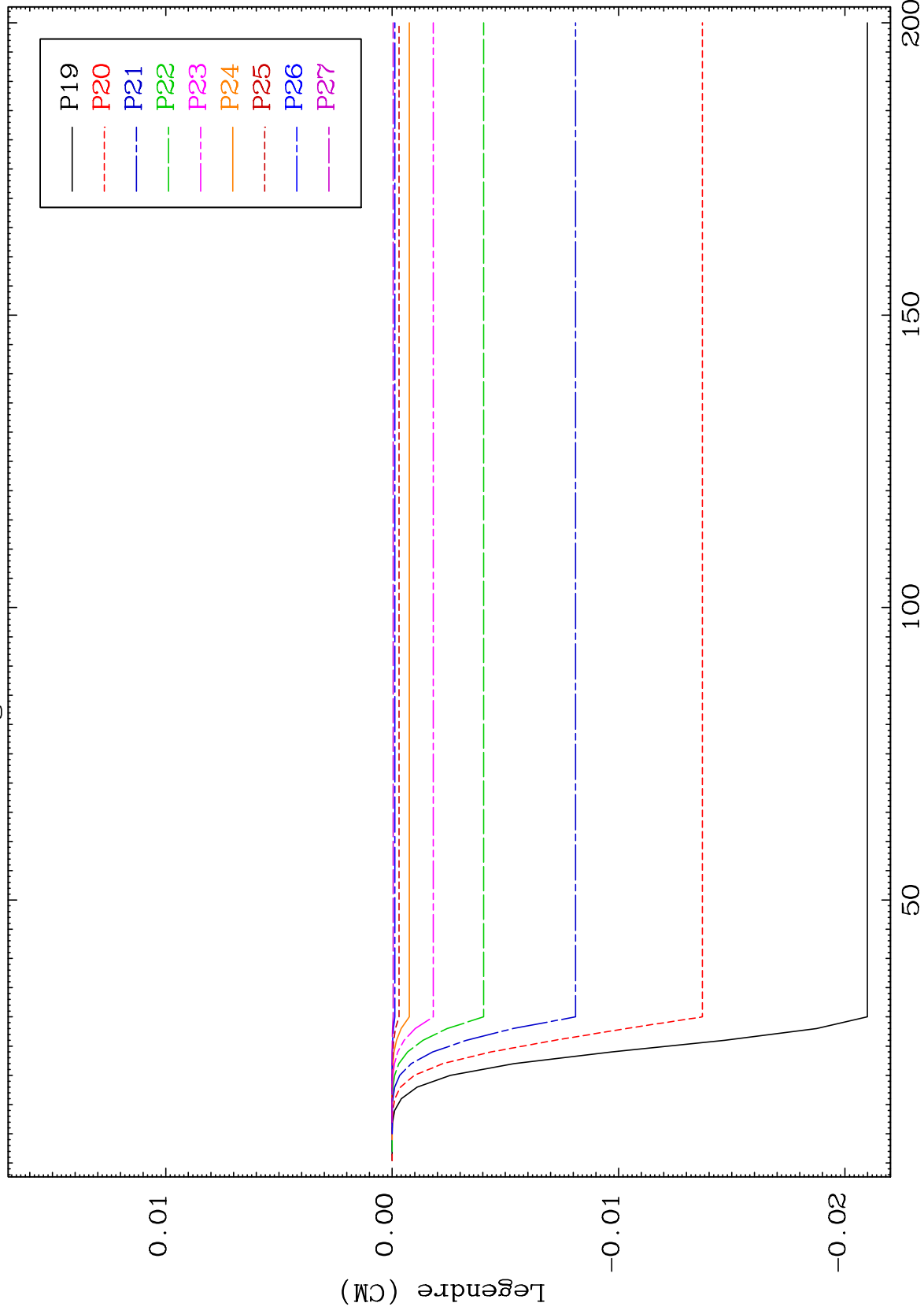




MAT 6146

89.09 keV (n,n') Level  
Legendre Coefficients

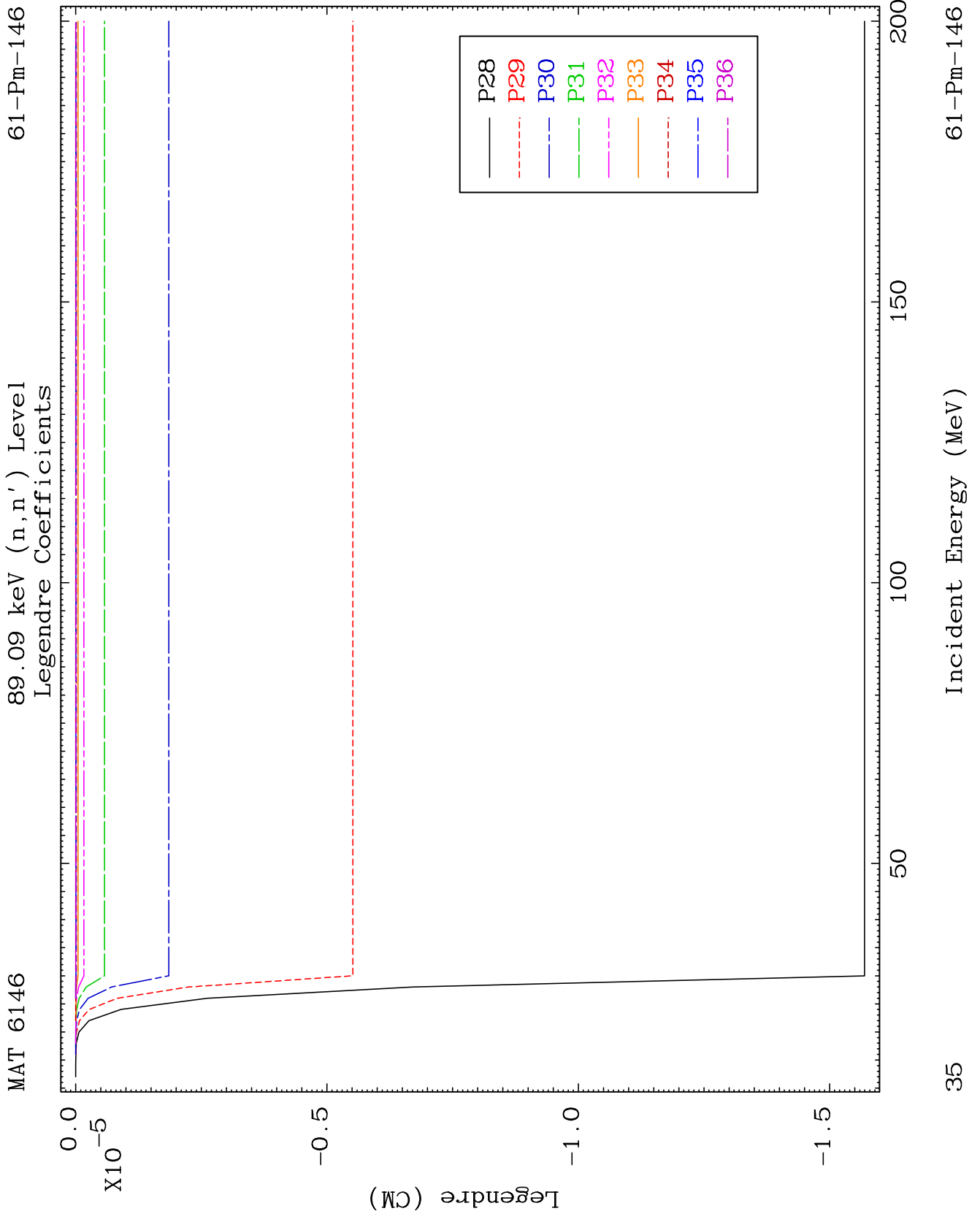
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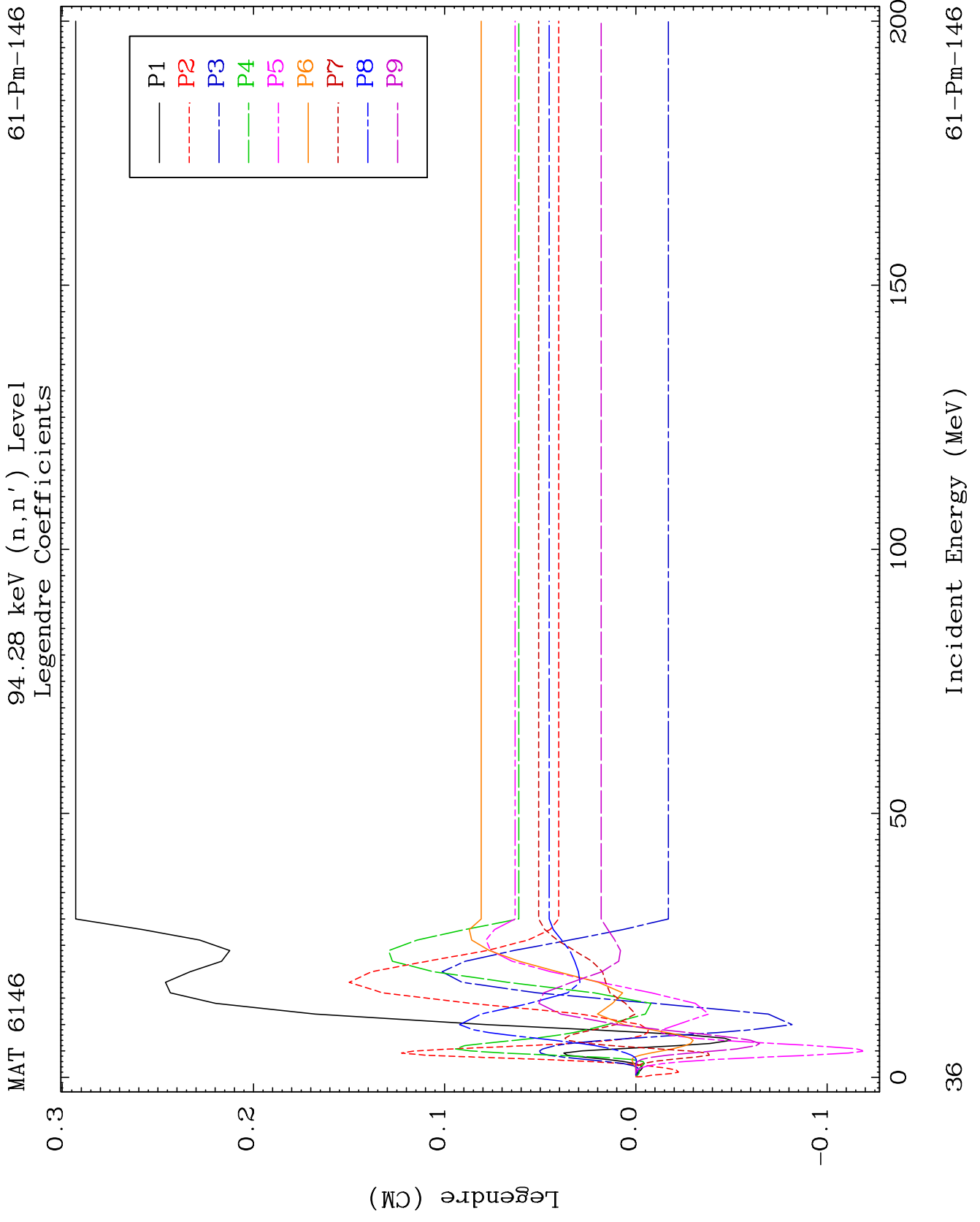


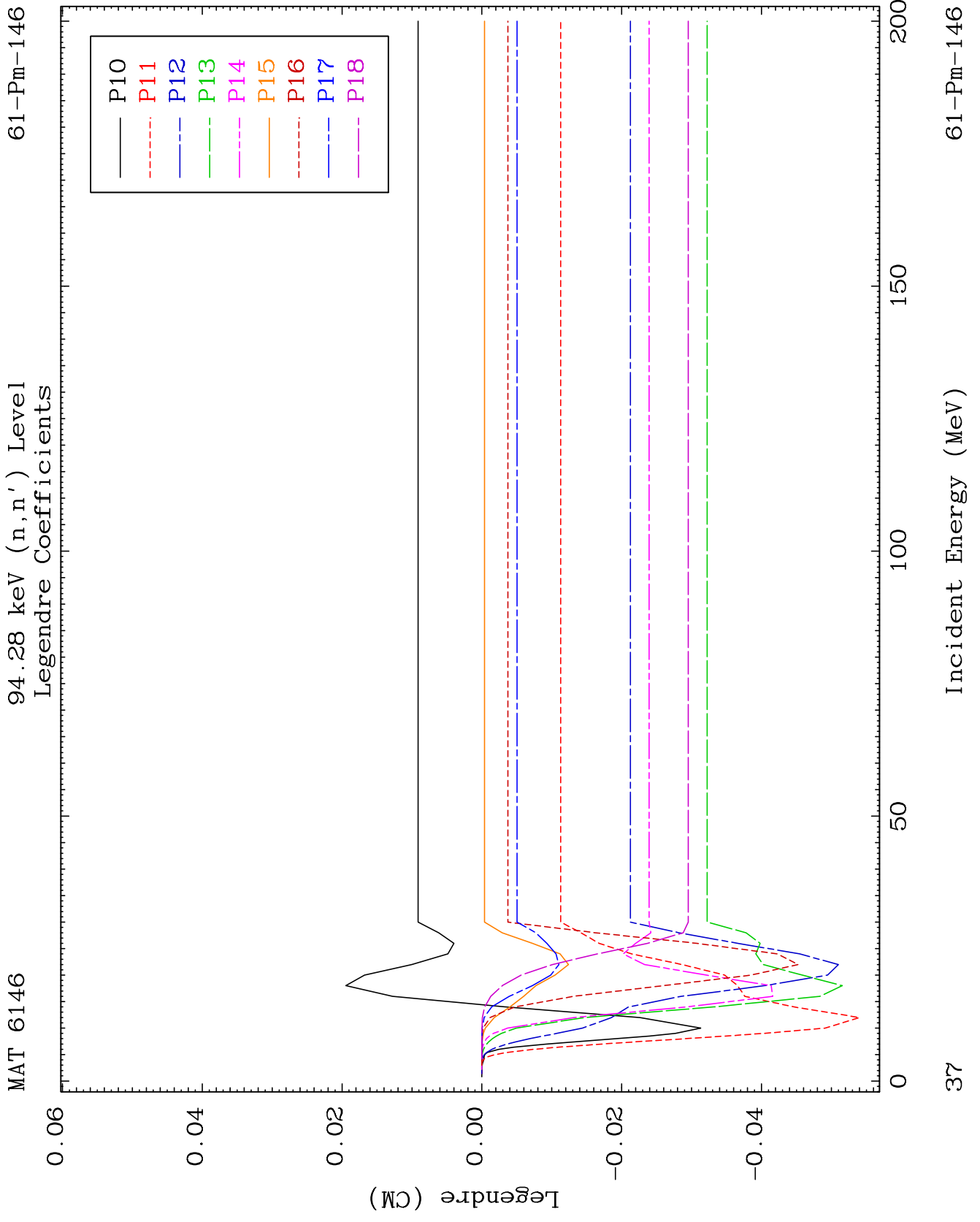
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Incident Energy (MeV)

61-Pm-146



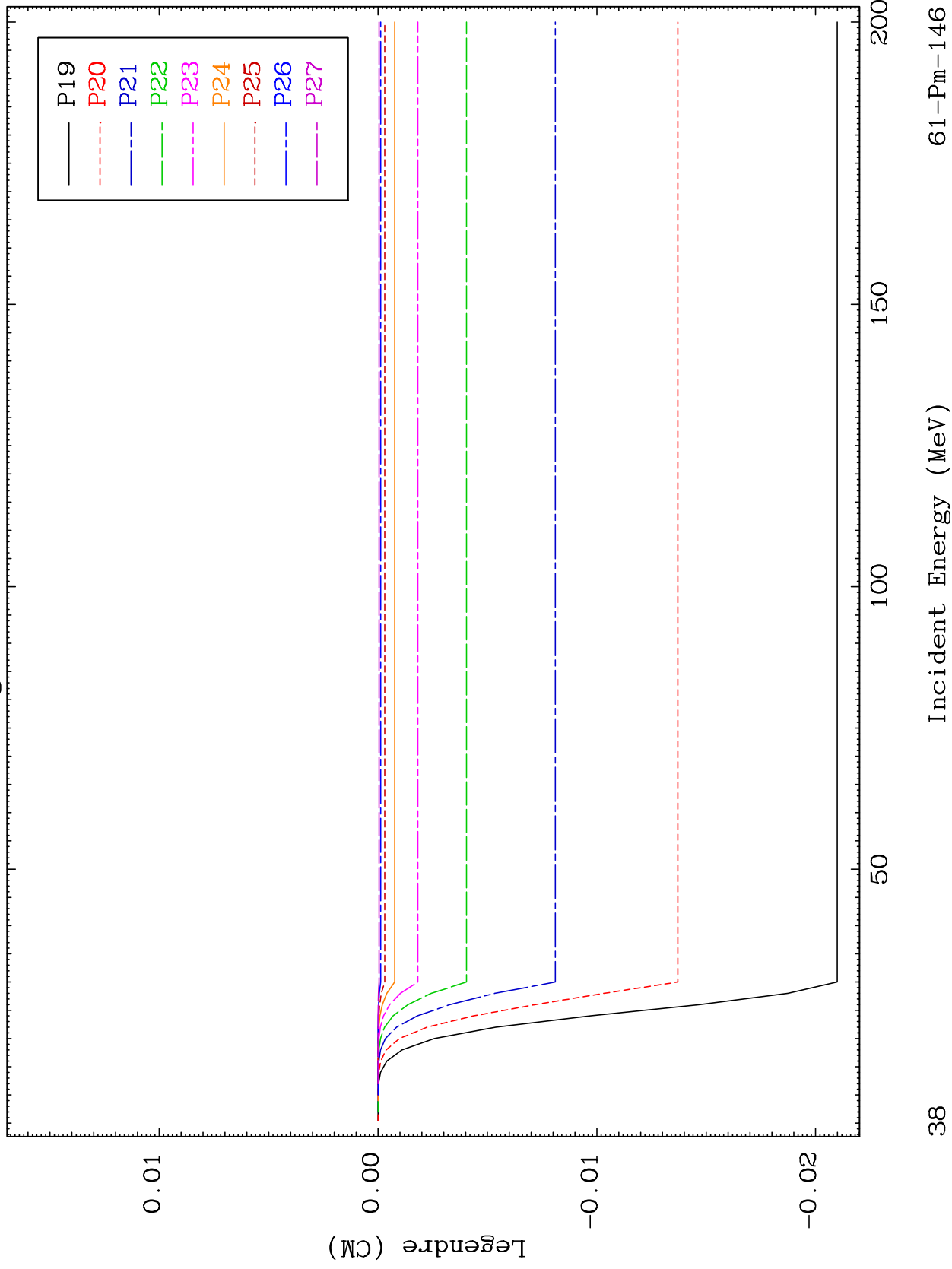




MAT 6146

94.28 keV (n,n') Level  
Legendre Coefficients

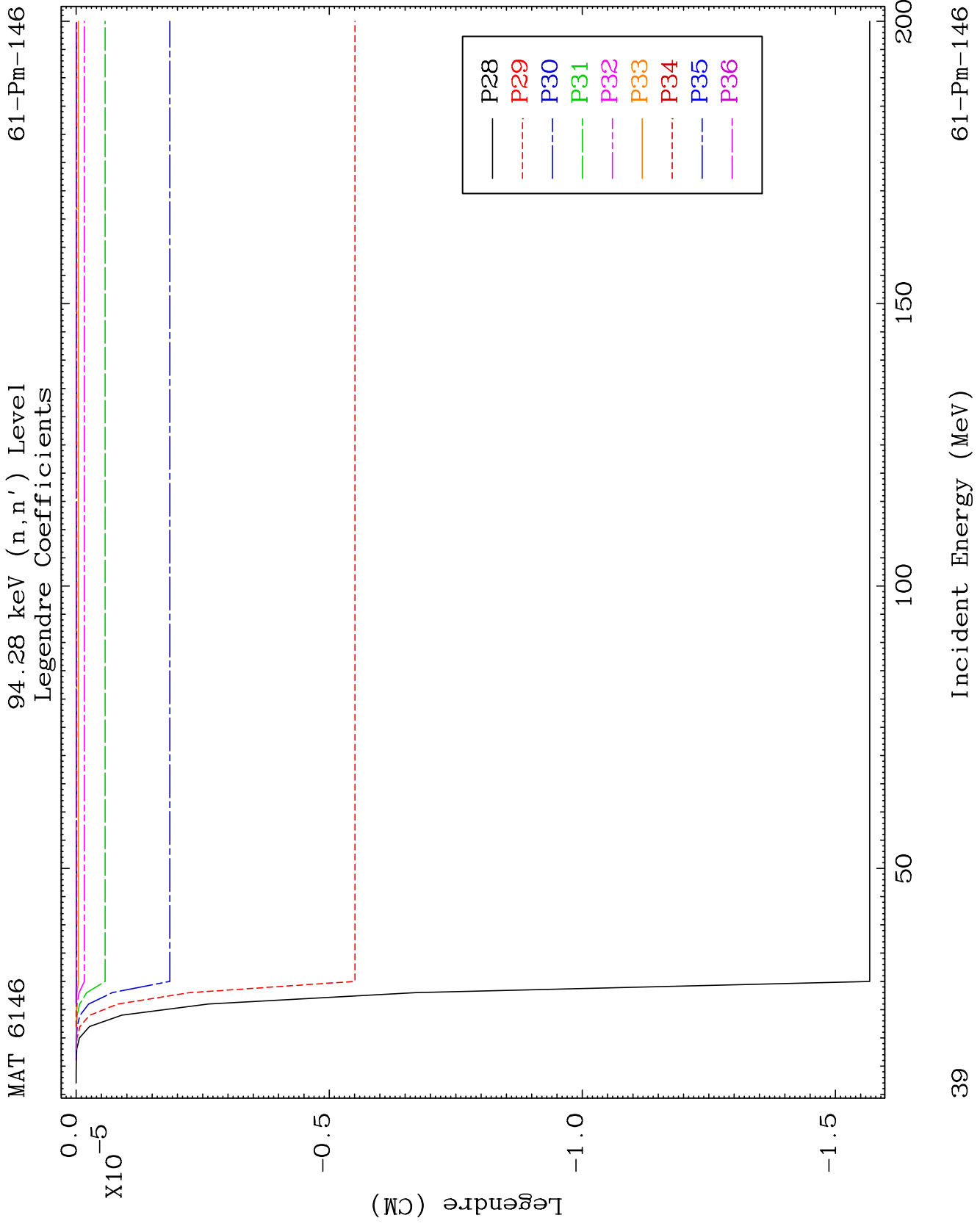
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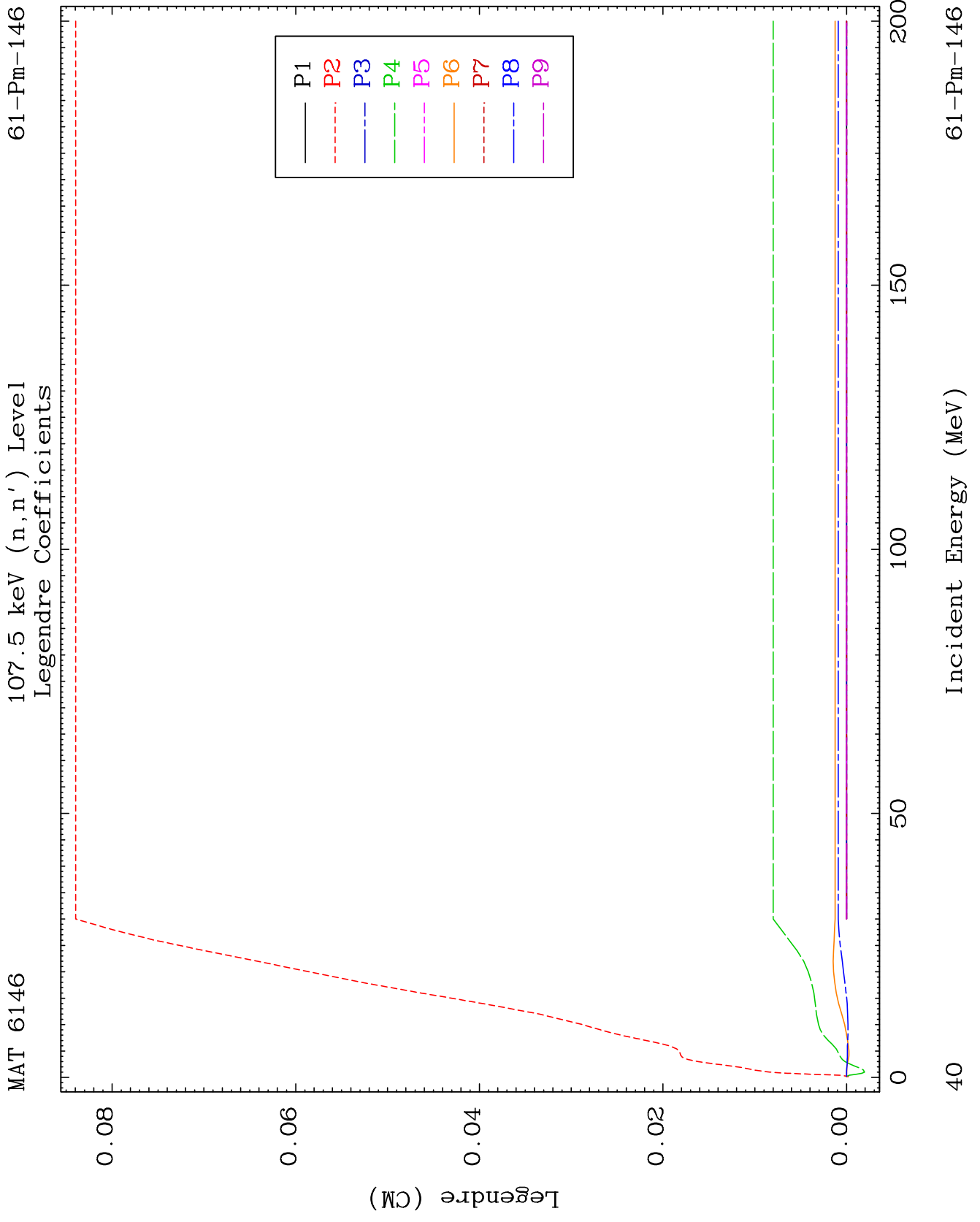
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Incident Energy (MeV)

61-Pm-146



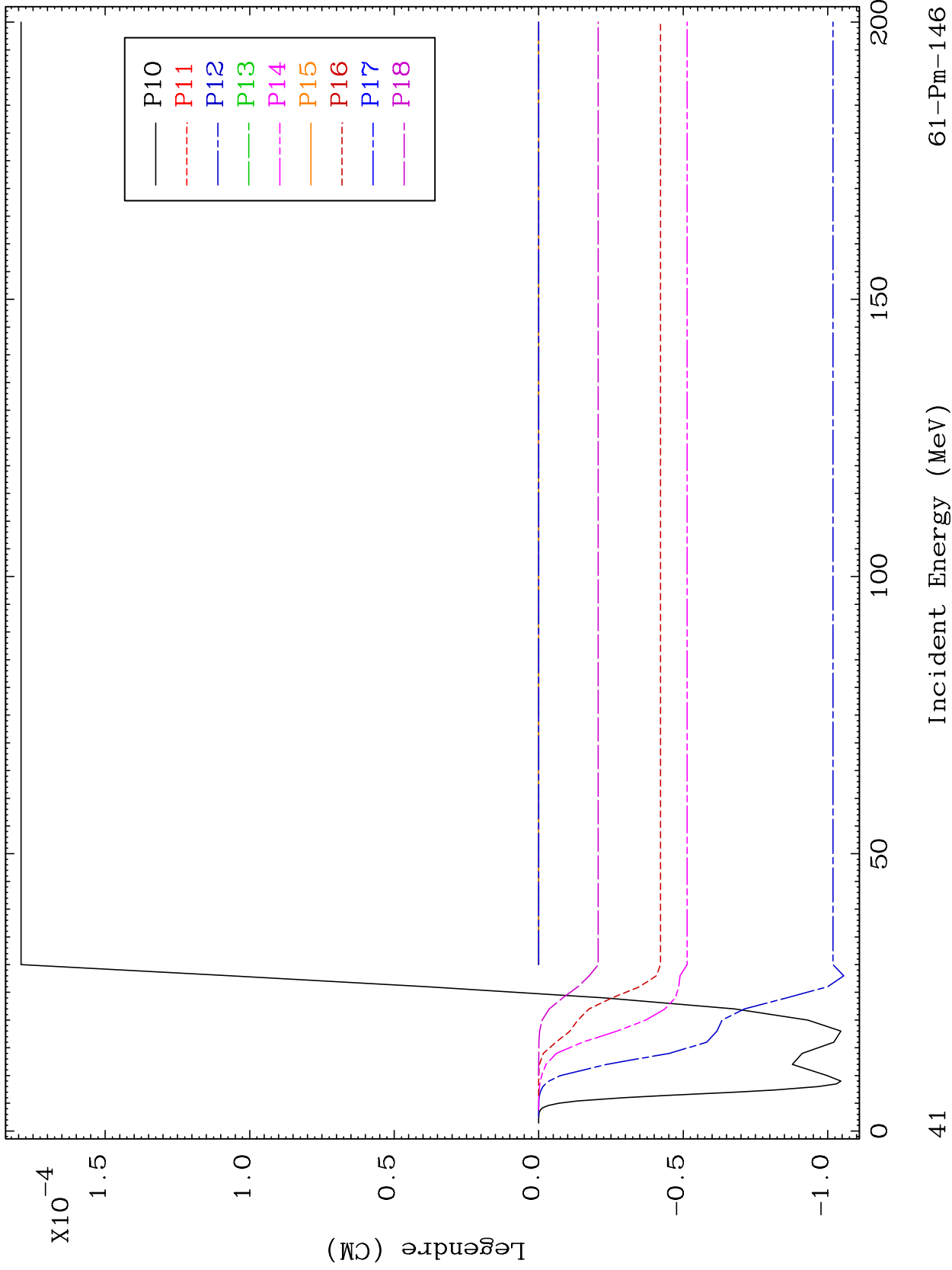




MAT 6146

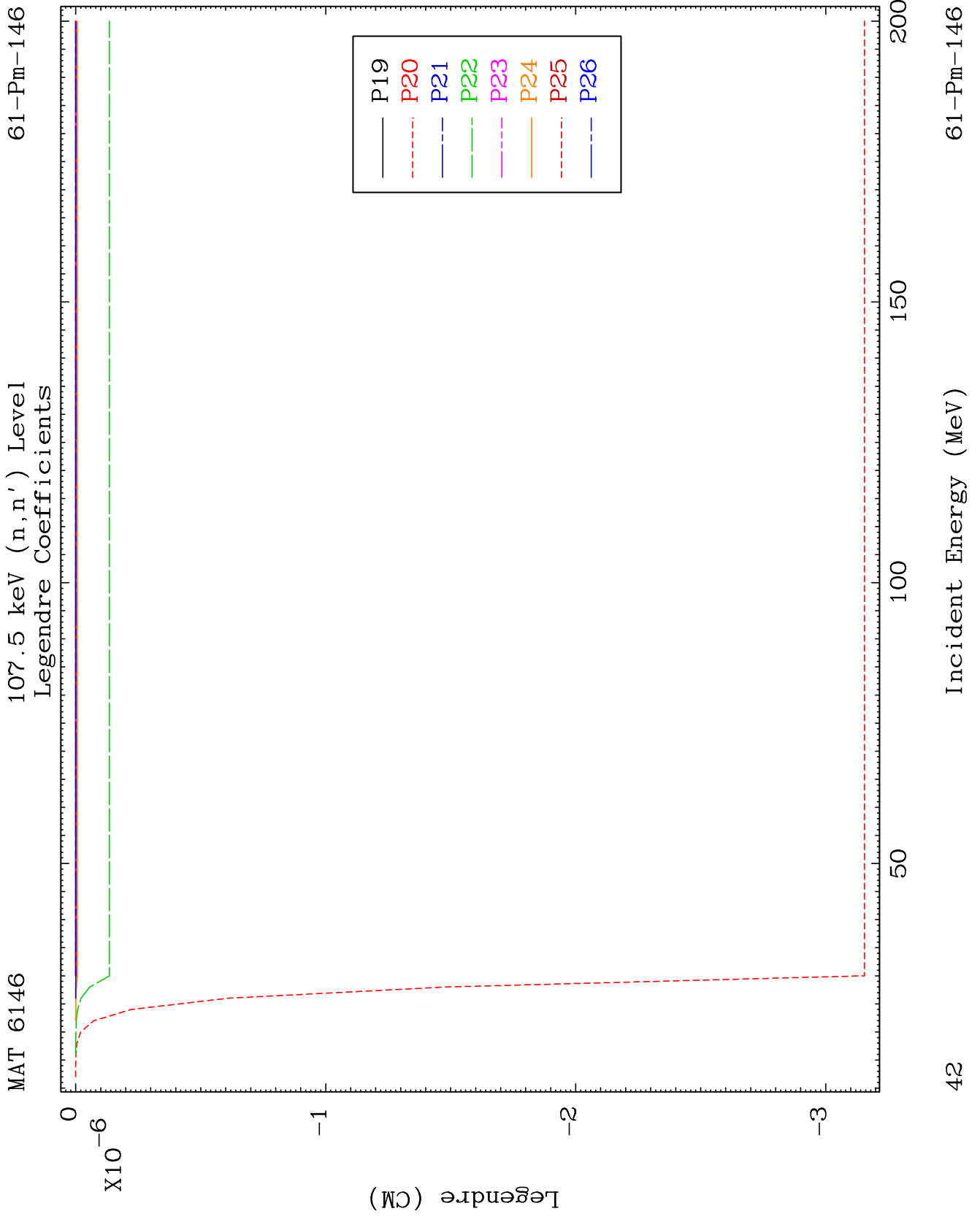
107.5 keV (n,n') Level  
Legendre Coefficients

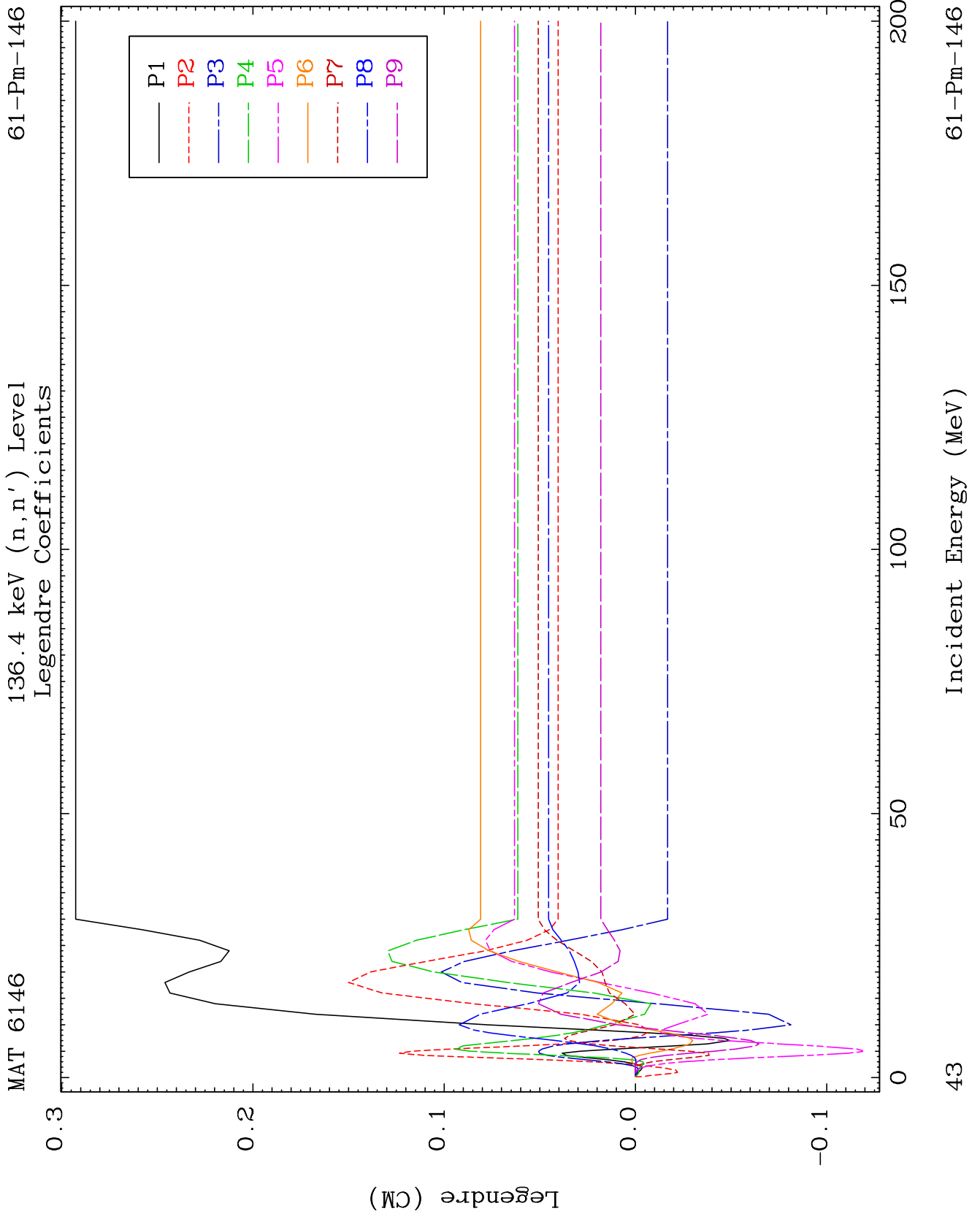
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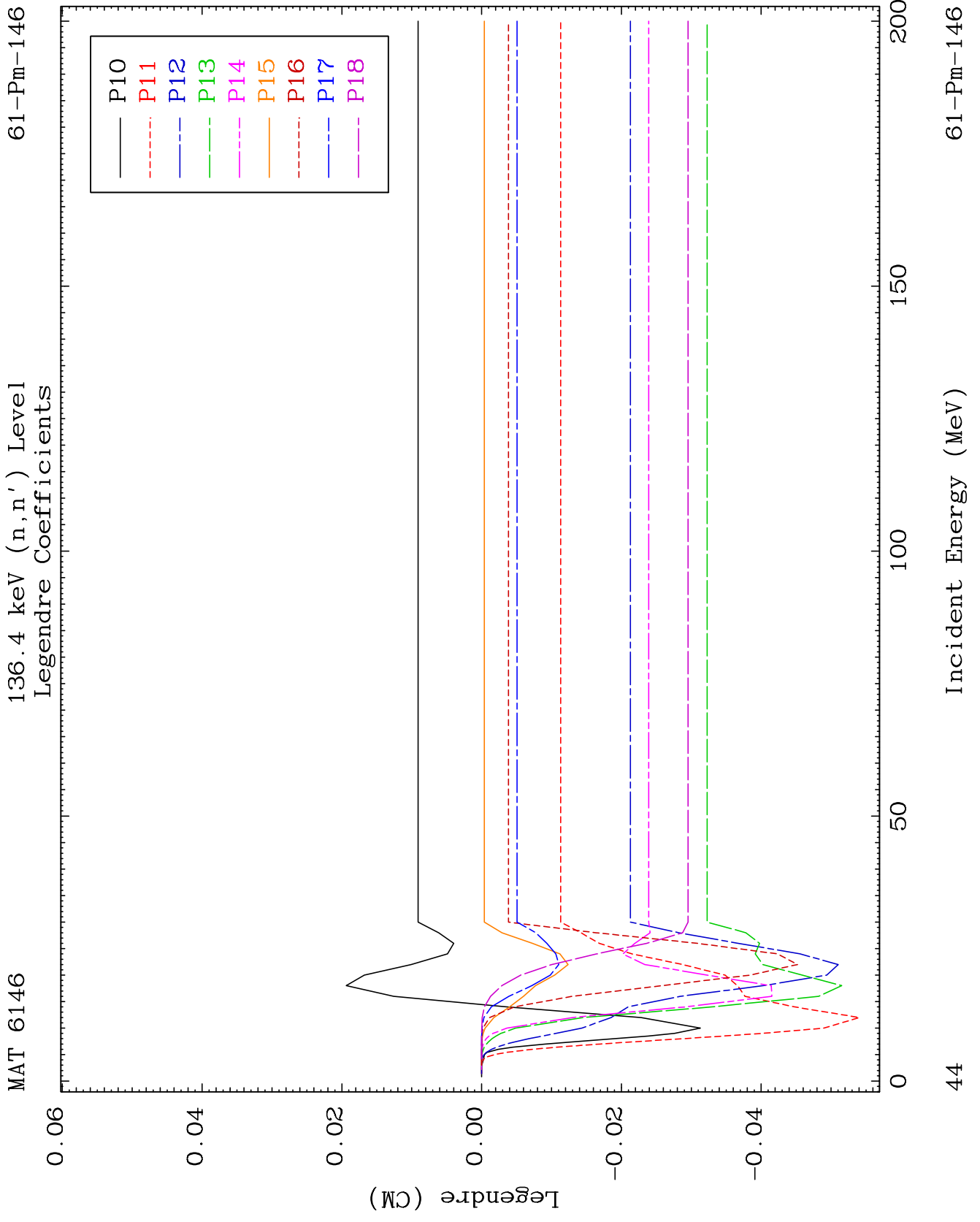


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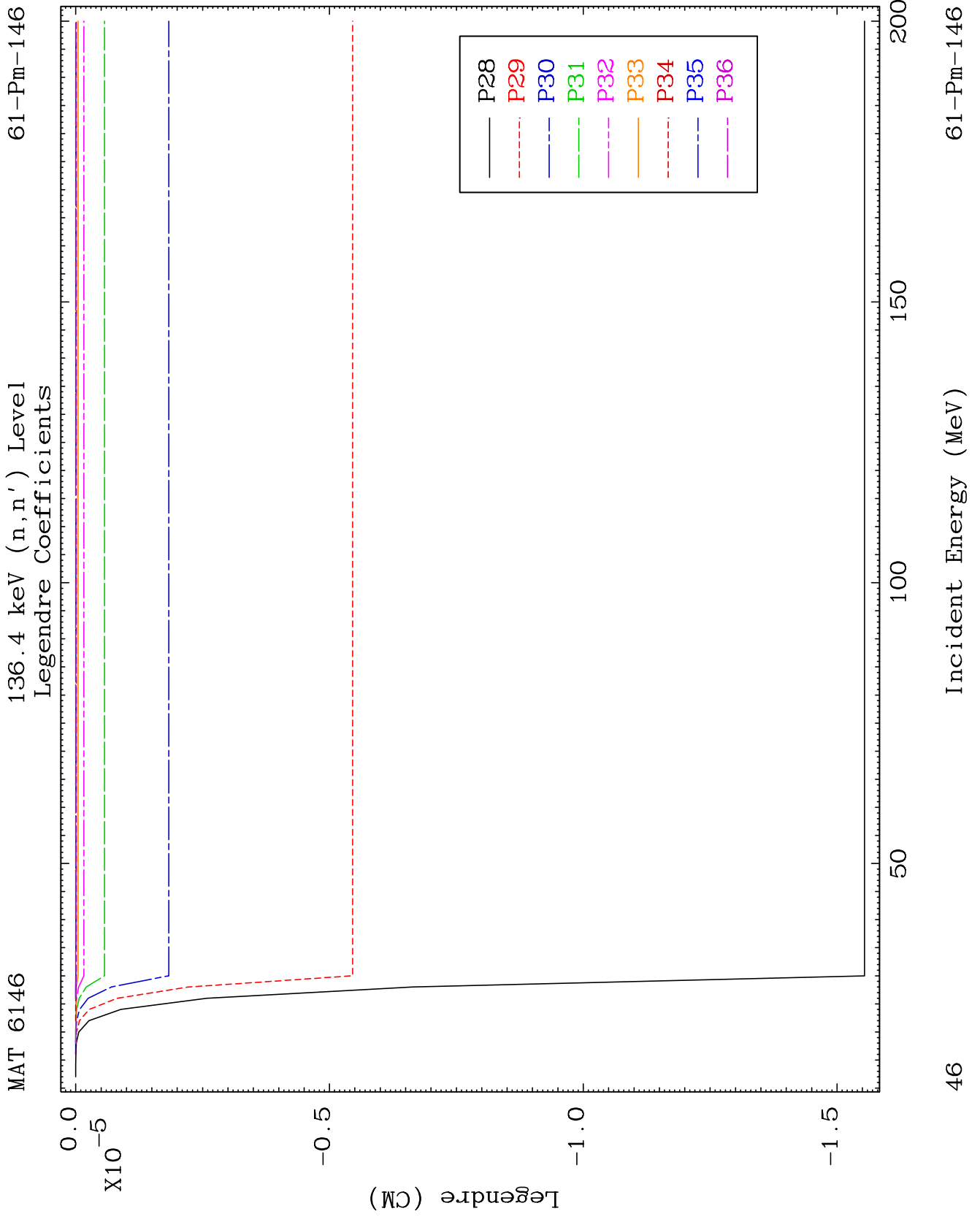
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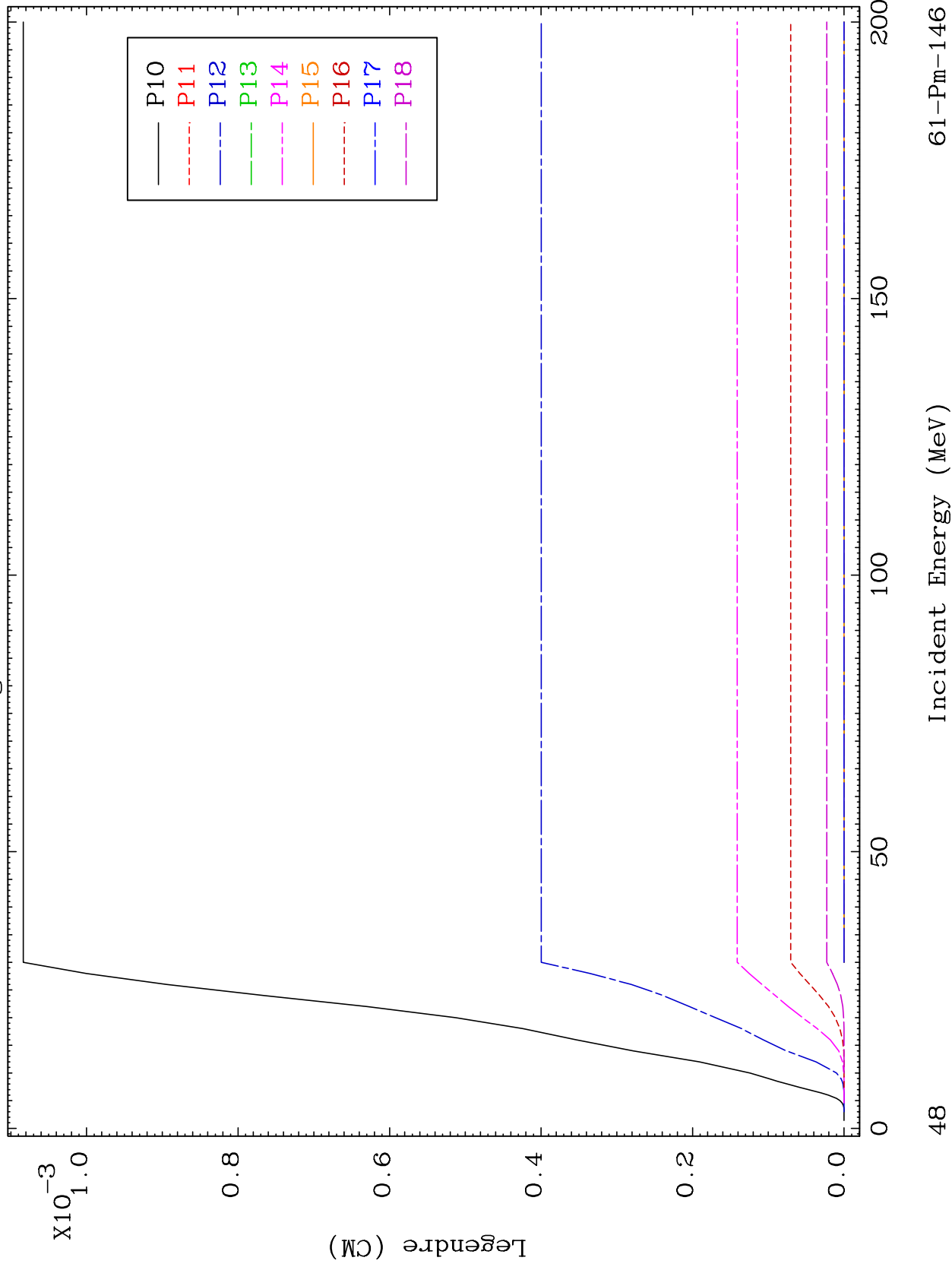




MAT 6146

149.9 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



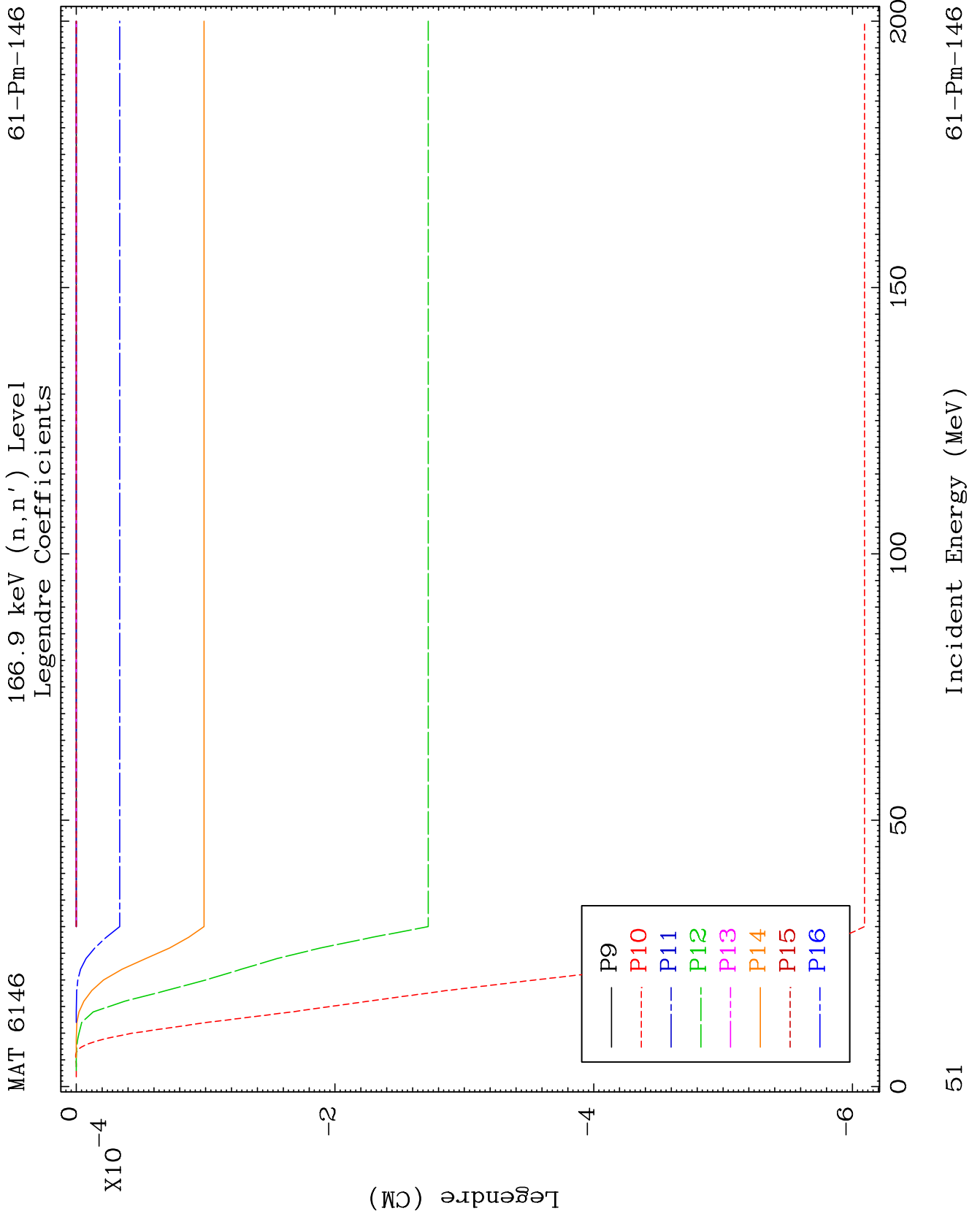
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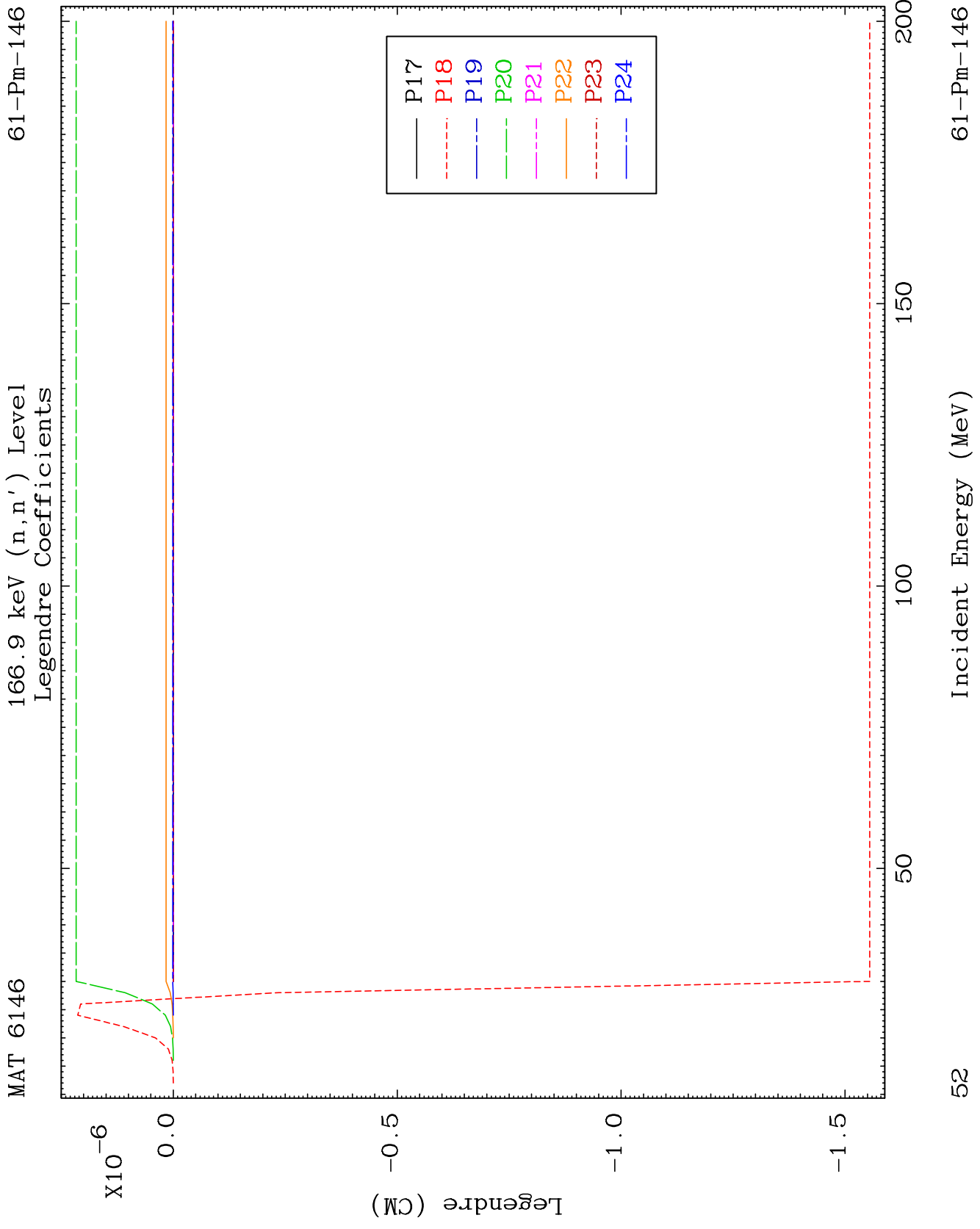
Incident Energy (MeV)

48





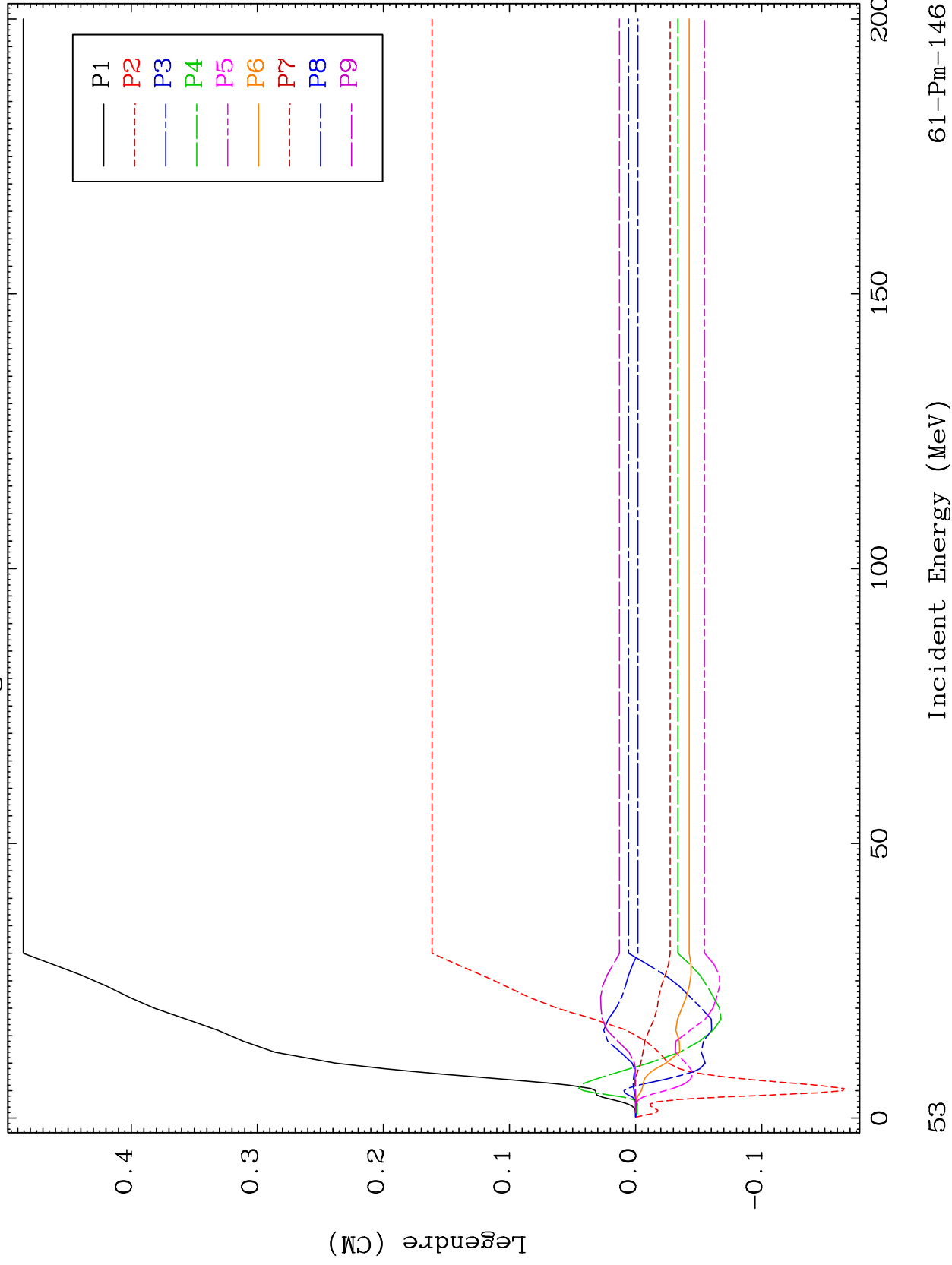




MAT 6146

187.8 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



61-Pm-146

Incident Energy (MeV)

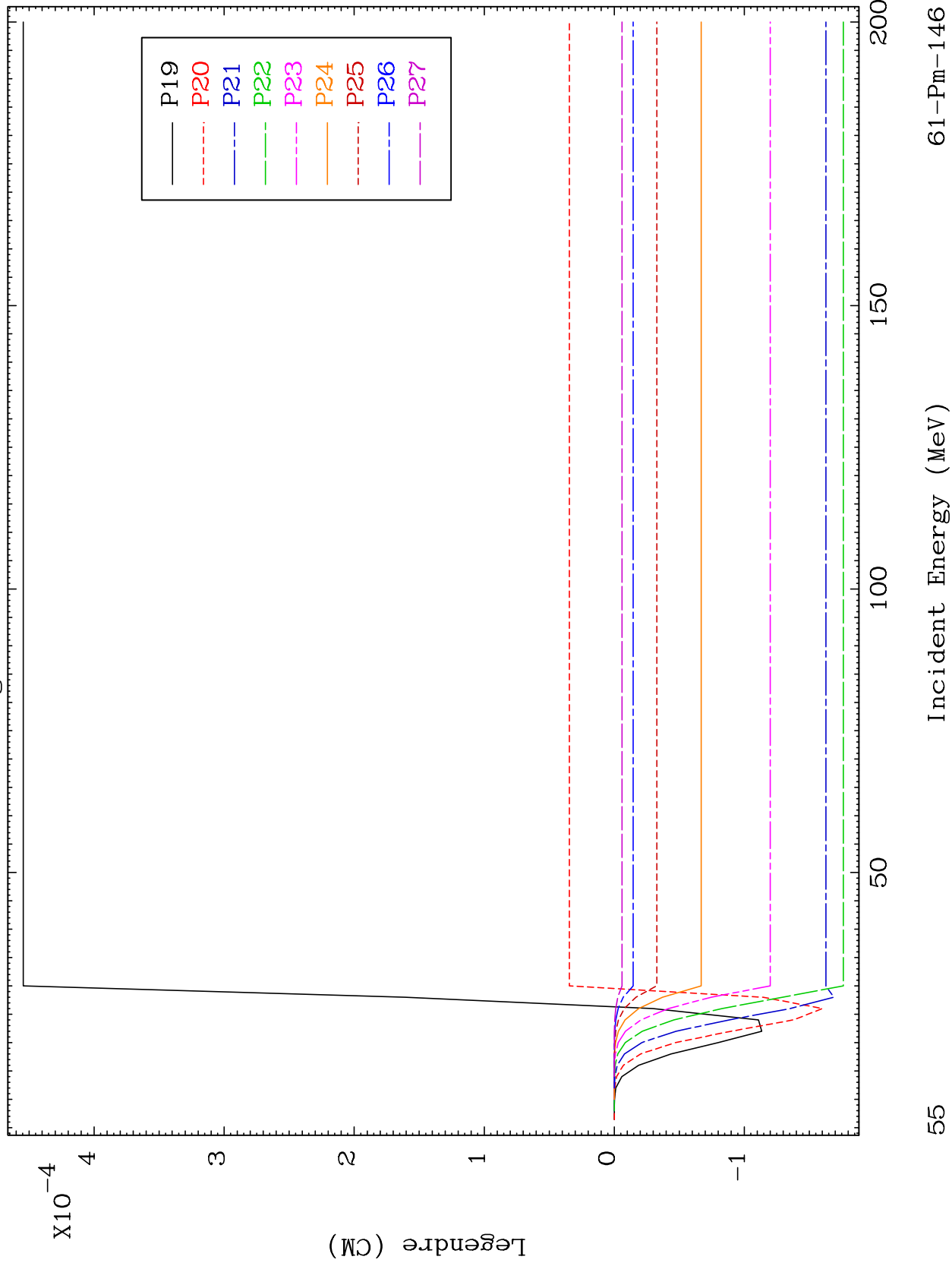
53



MAT 6146

187.8 keV (n,n') Level  
Legendre Coefficients

61-Pm-146

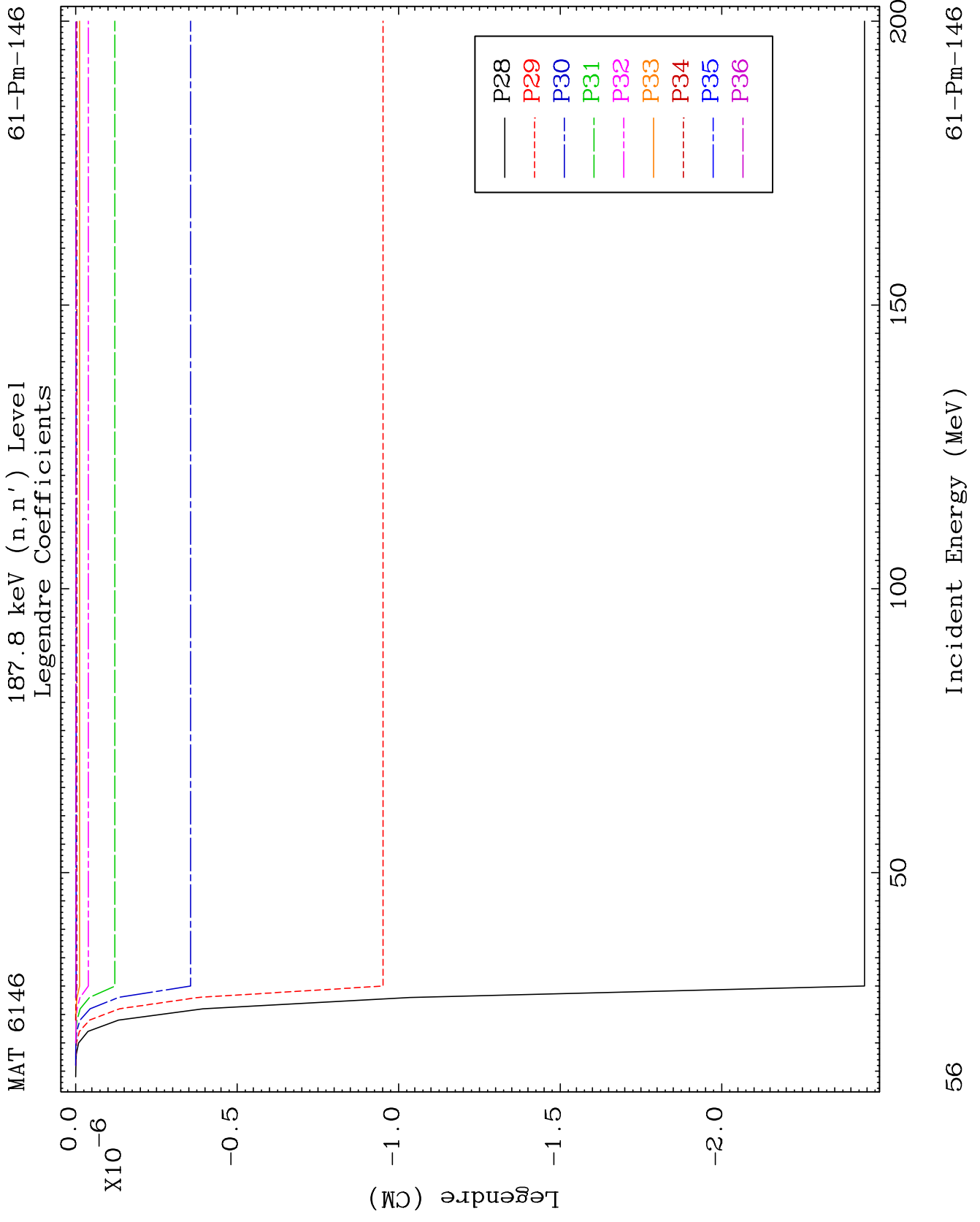


55

Incident Energy (MeV)

61-Pm-146

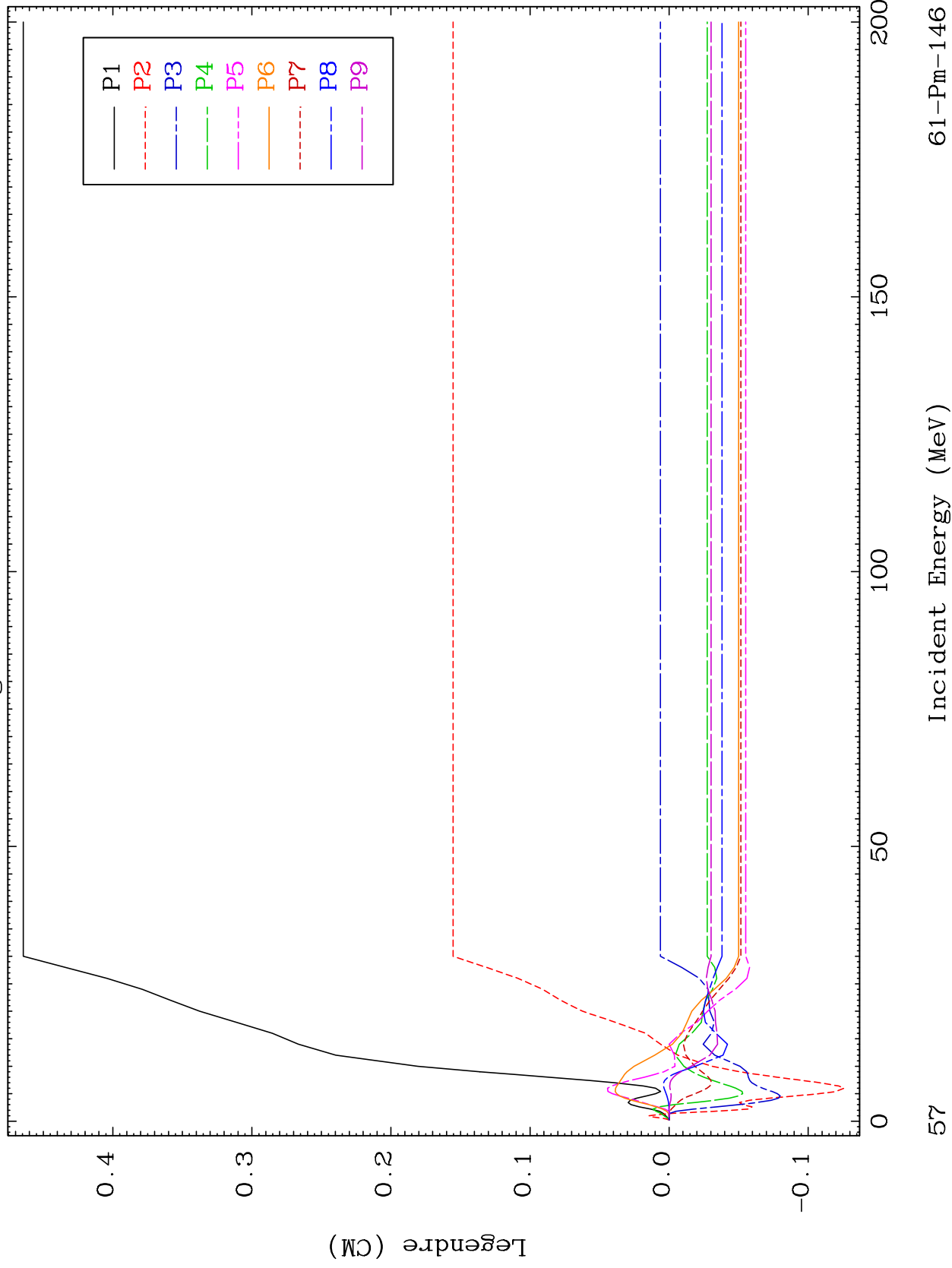




MAT 6146

201.1 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



57

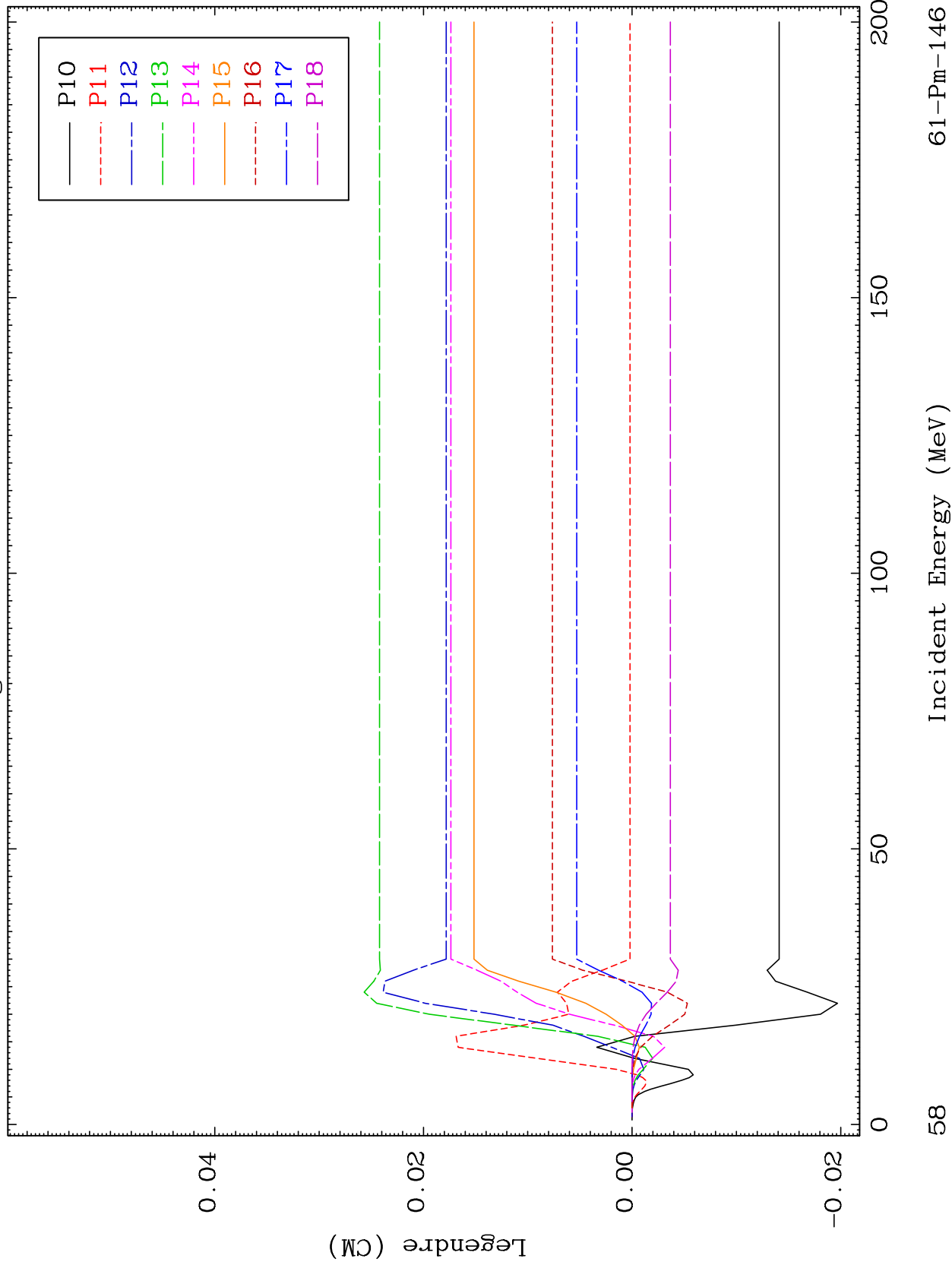
Incident Energy (MeV)

61-Pm-146

MAT 6146

201.1 keV (n,n') Level  
Legendre Coefficients

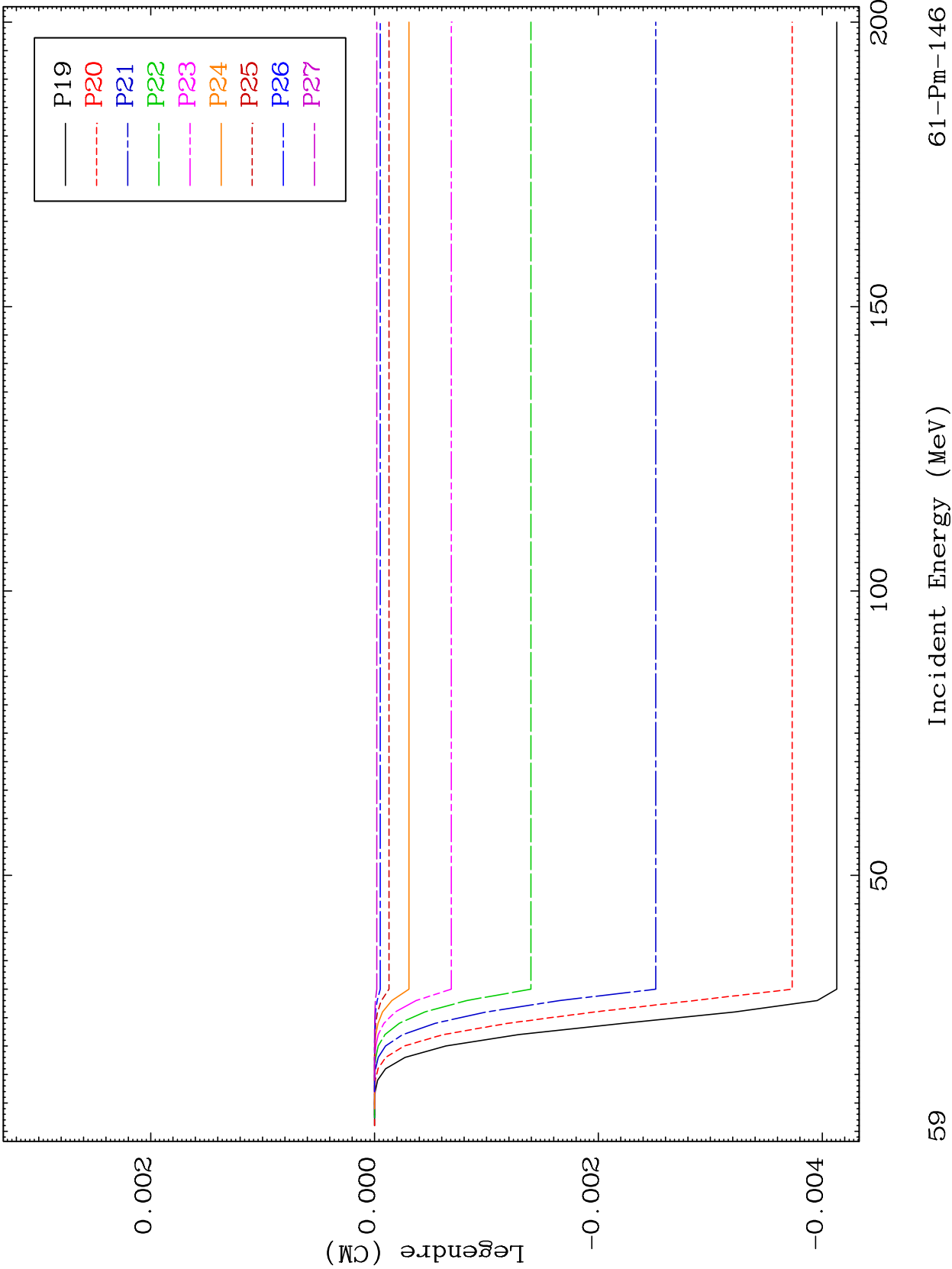
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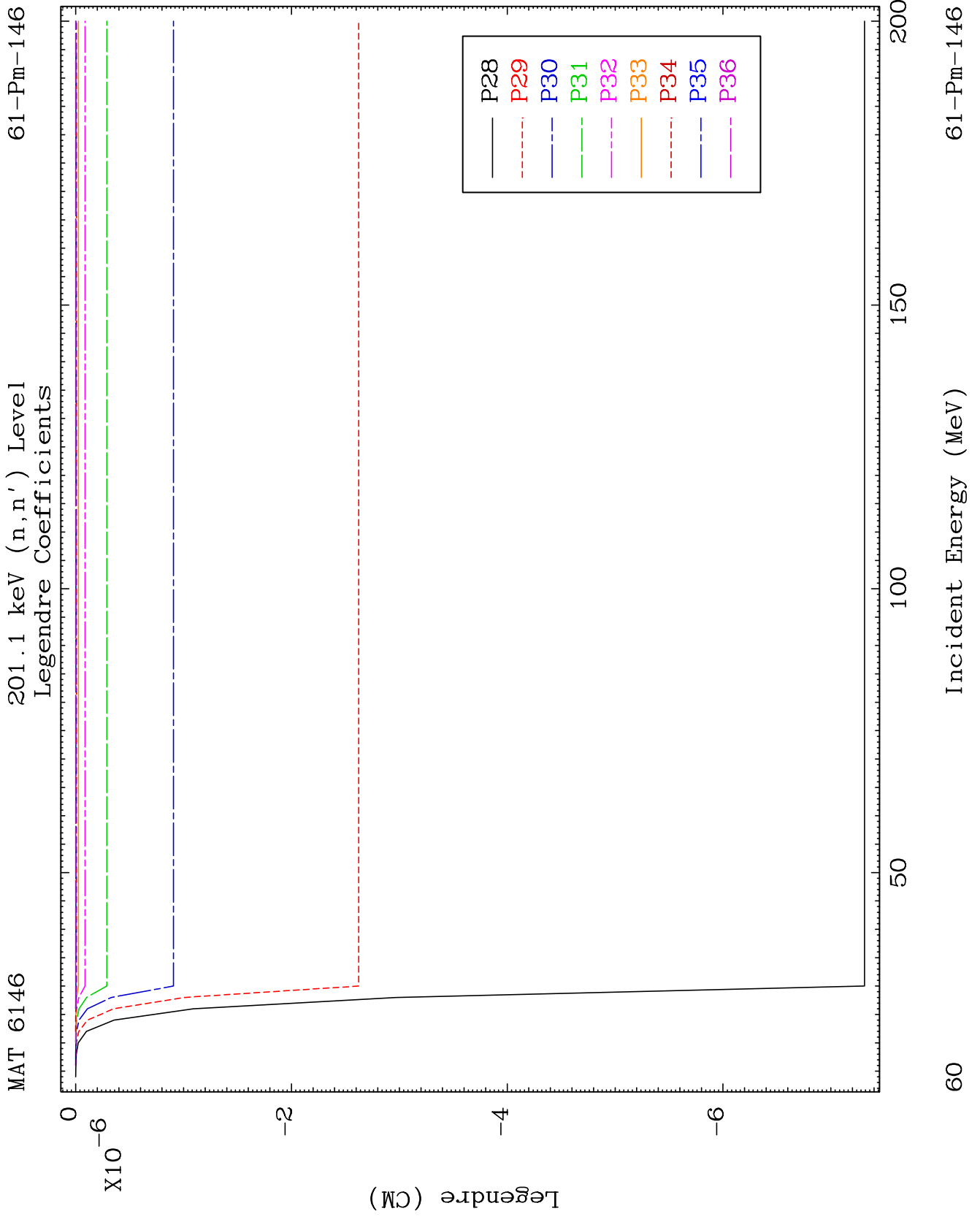


61-Pm-146

Incident Energy (MeV)

58

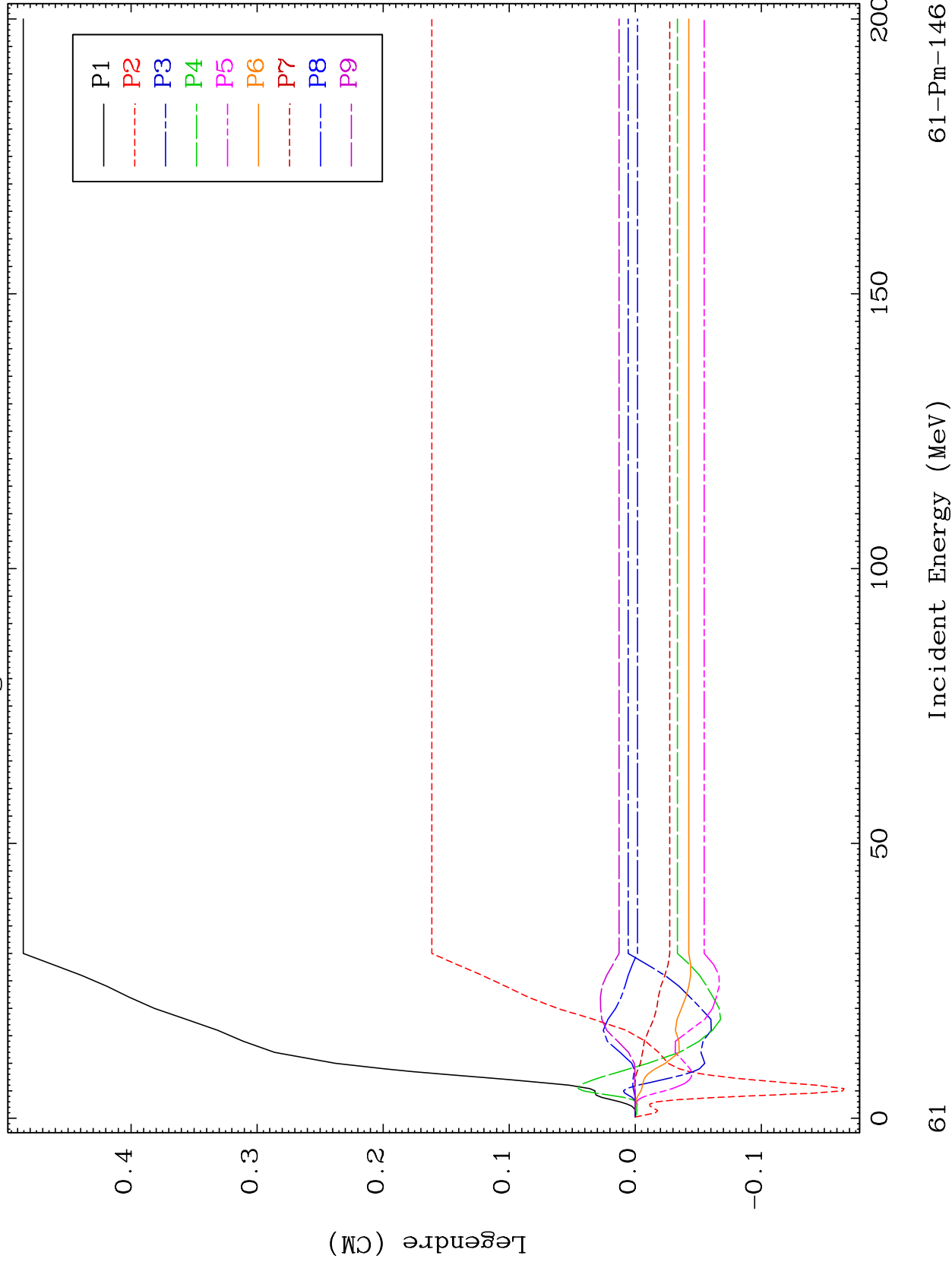




MAT 6146

212.4 keV (n,n') Level  
Legendre Coefficients

61-Pm-146

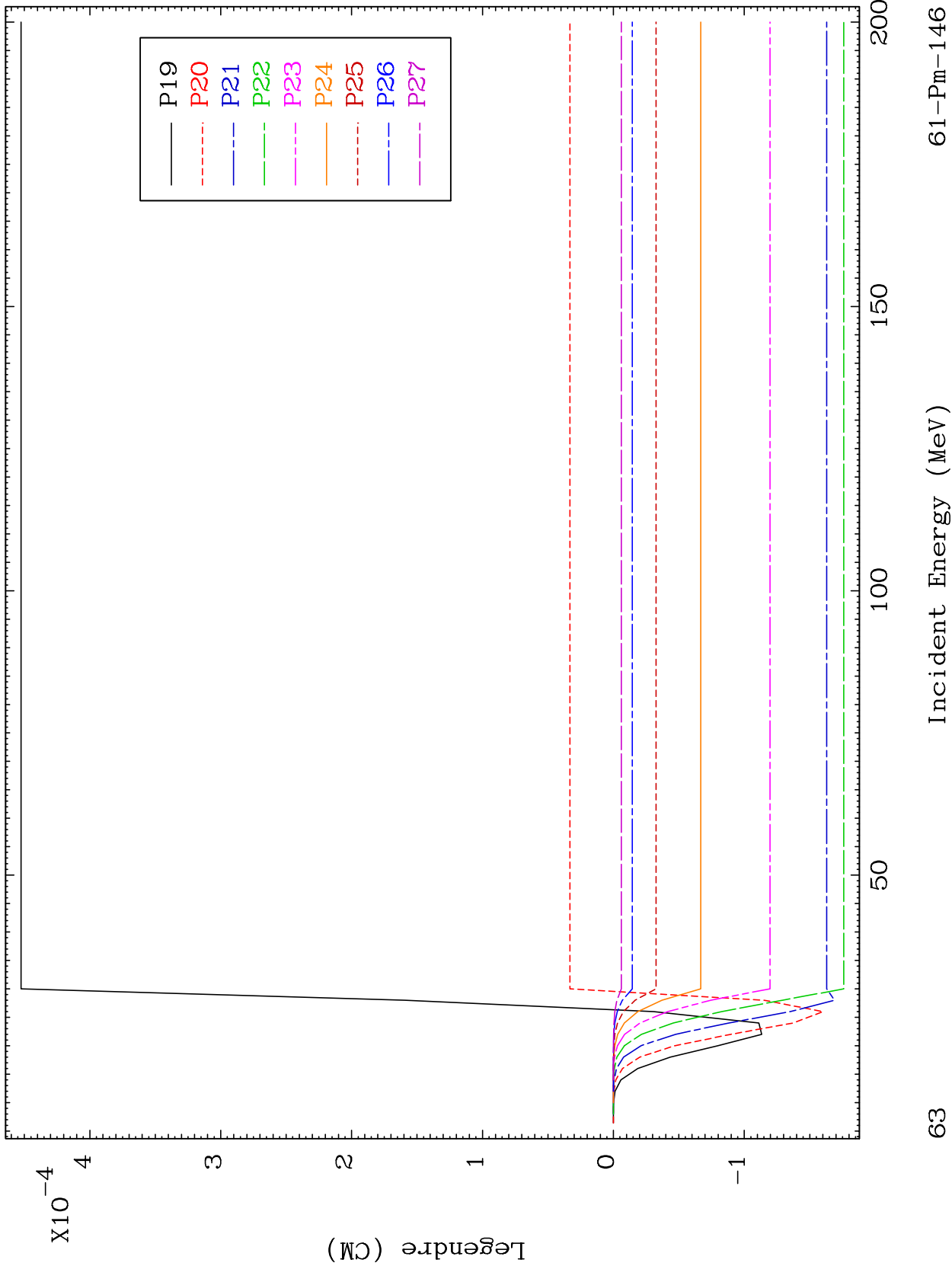


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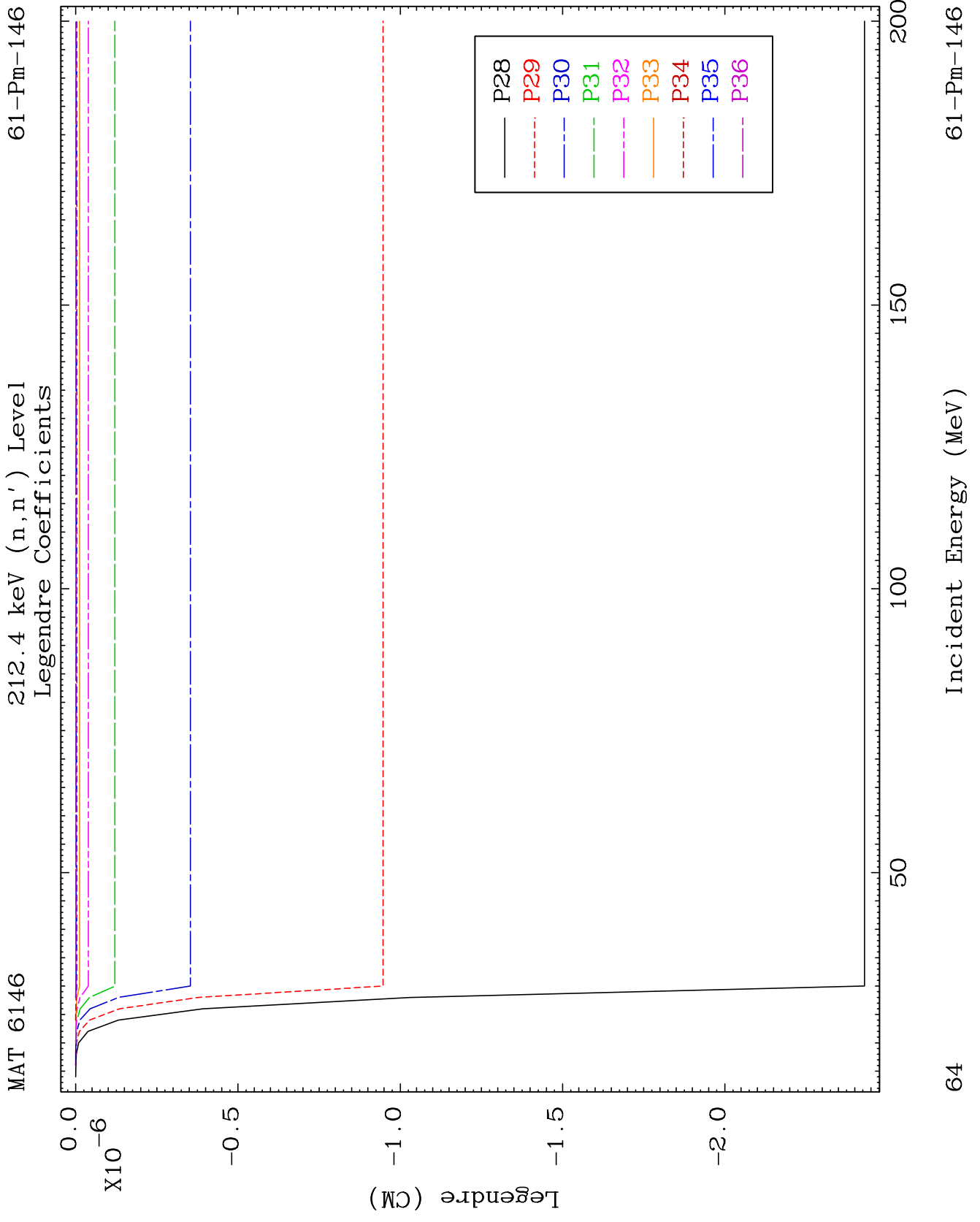
Incident Energy (MeV)

61





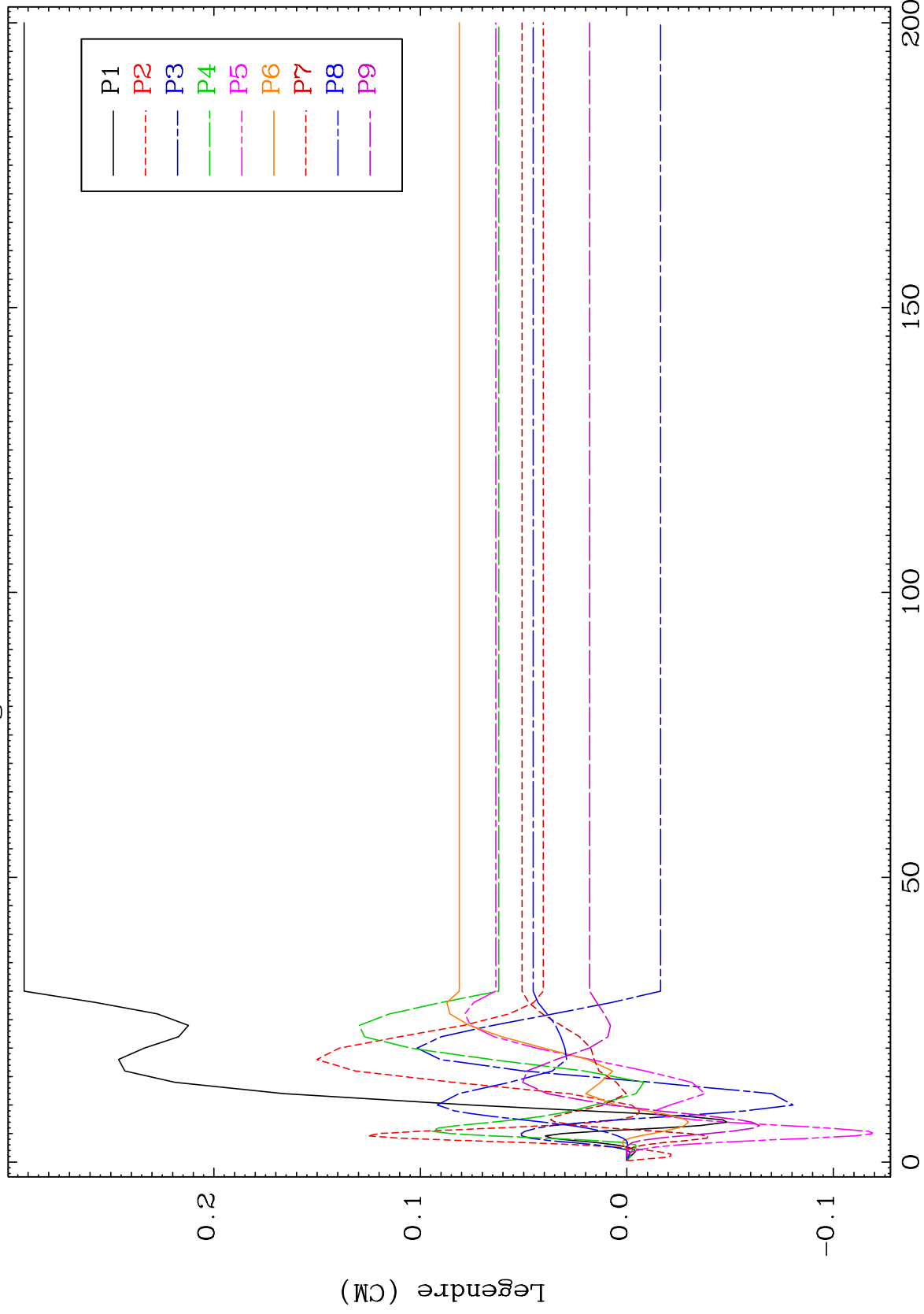




MAT 6146

232.1 keV (n,n') Level  
Legendre Coefficients

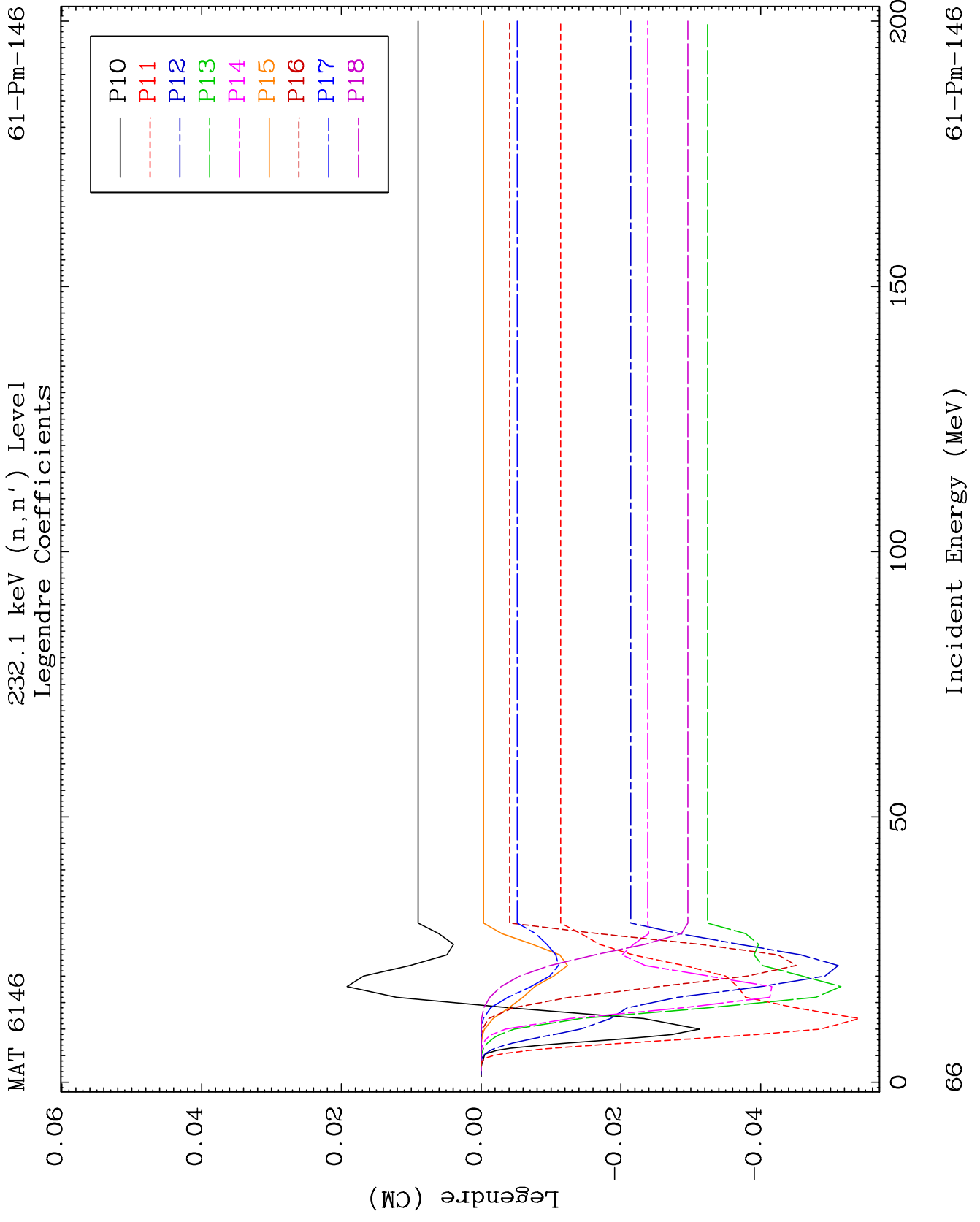
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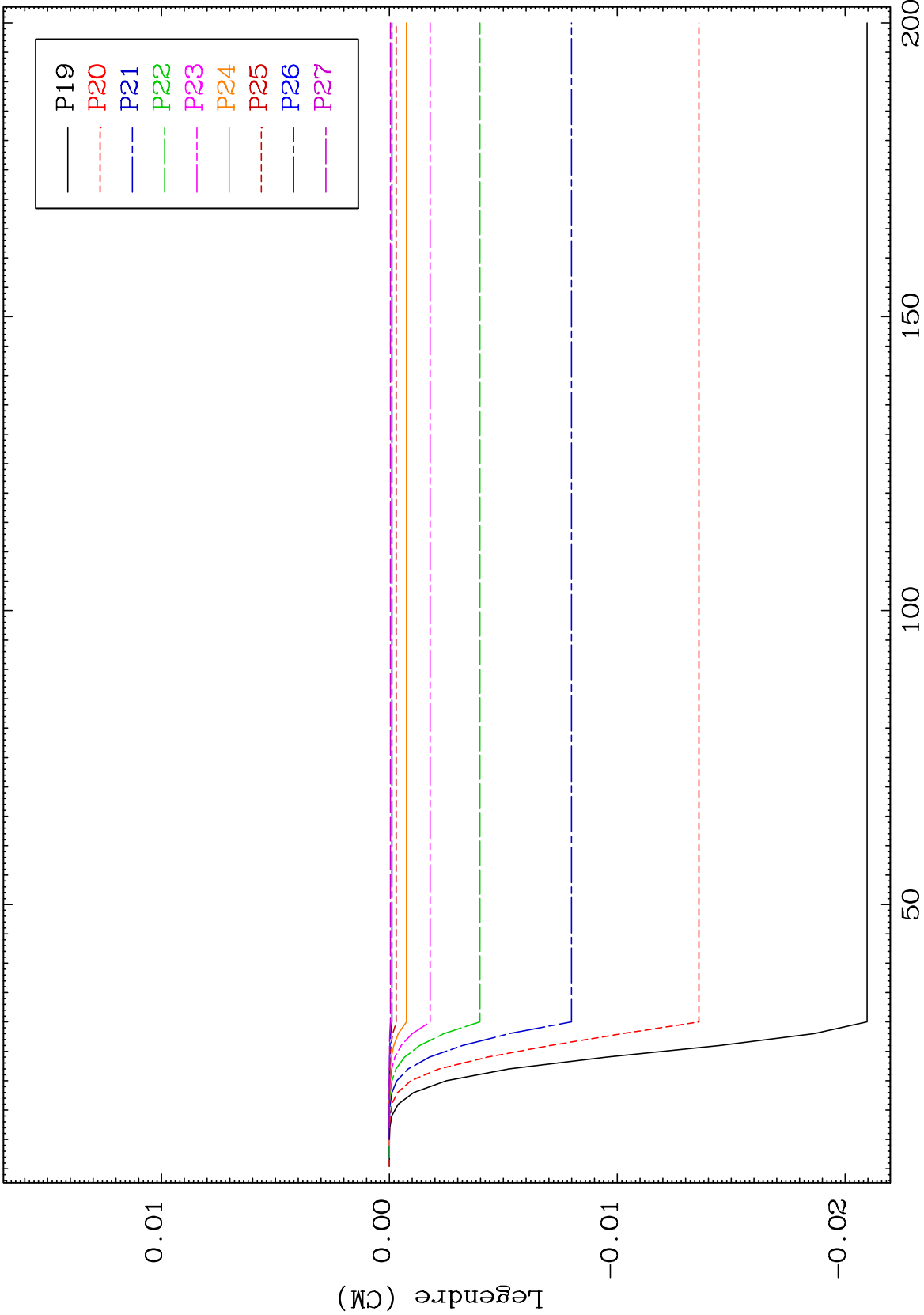


61-Pm-146

Incident Energy (MeV)

65



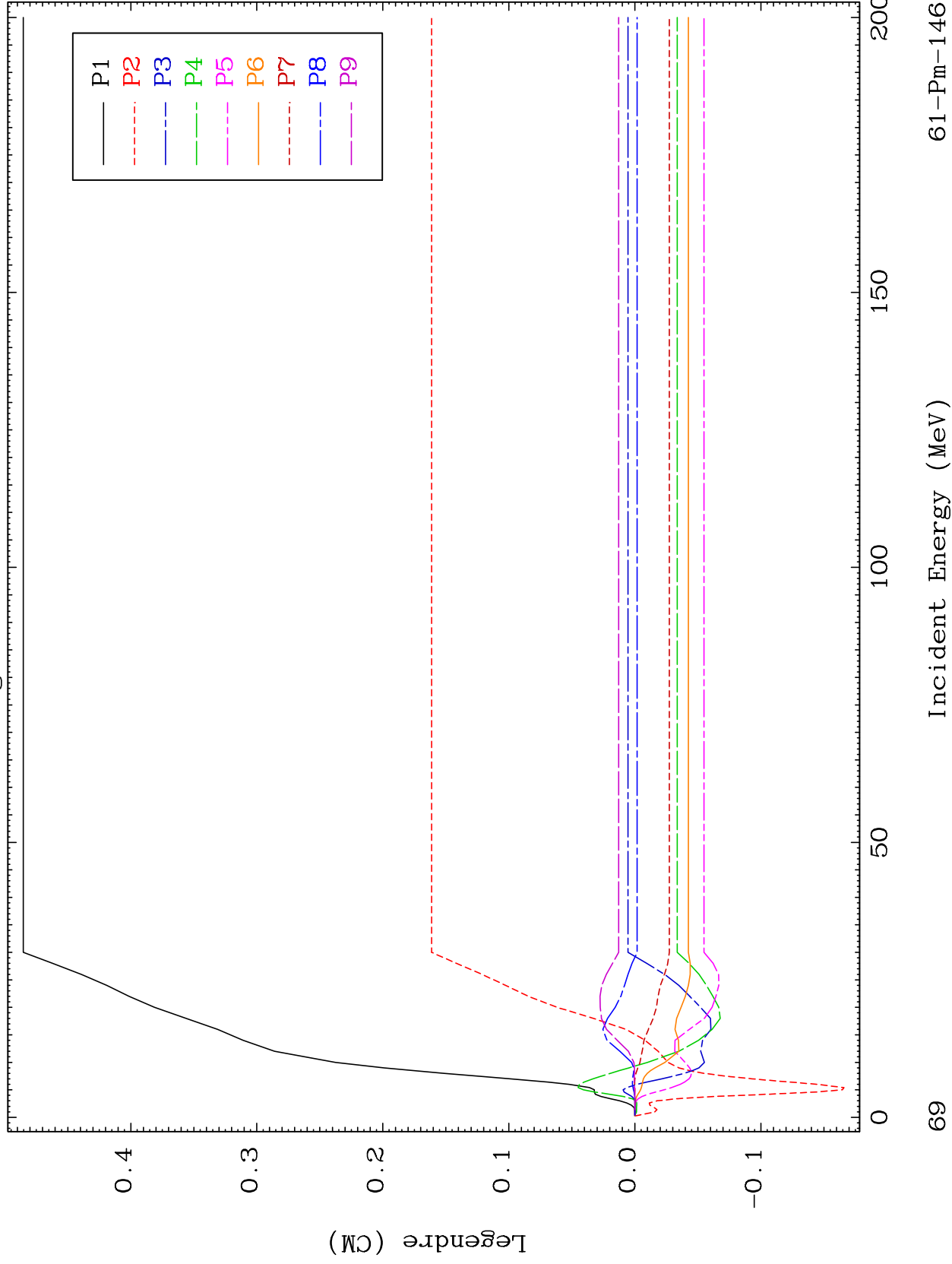




MAT 6146

235.5 keV (n,n') Level  
Legendre Coefficients

61-Pm-146

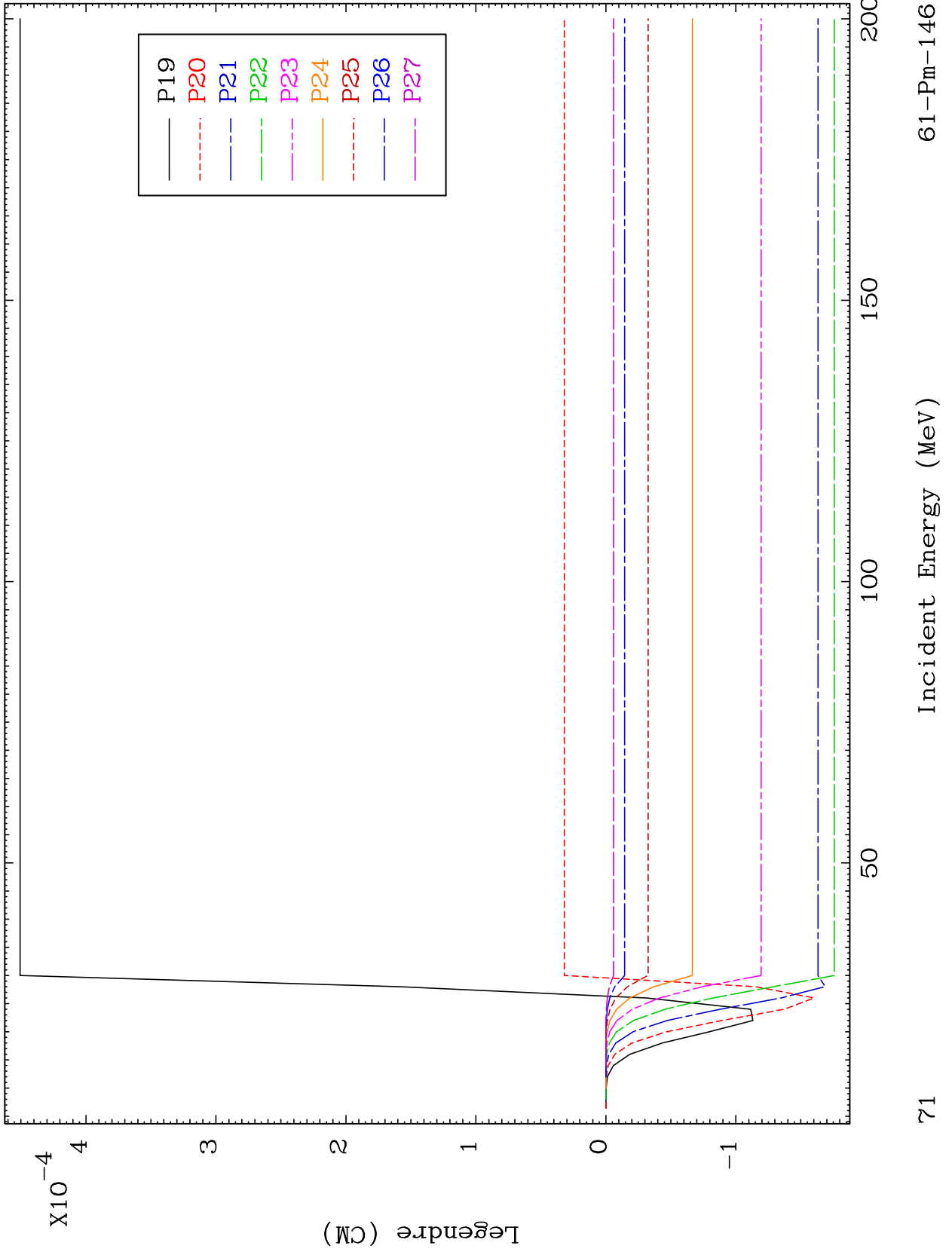


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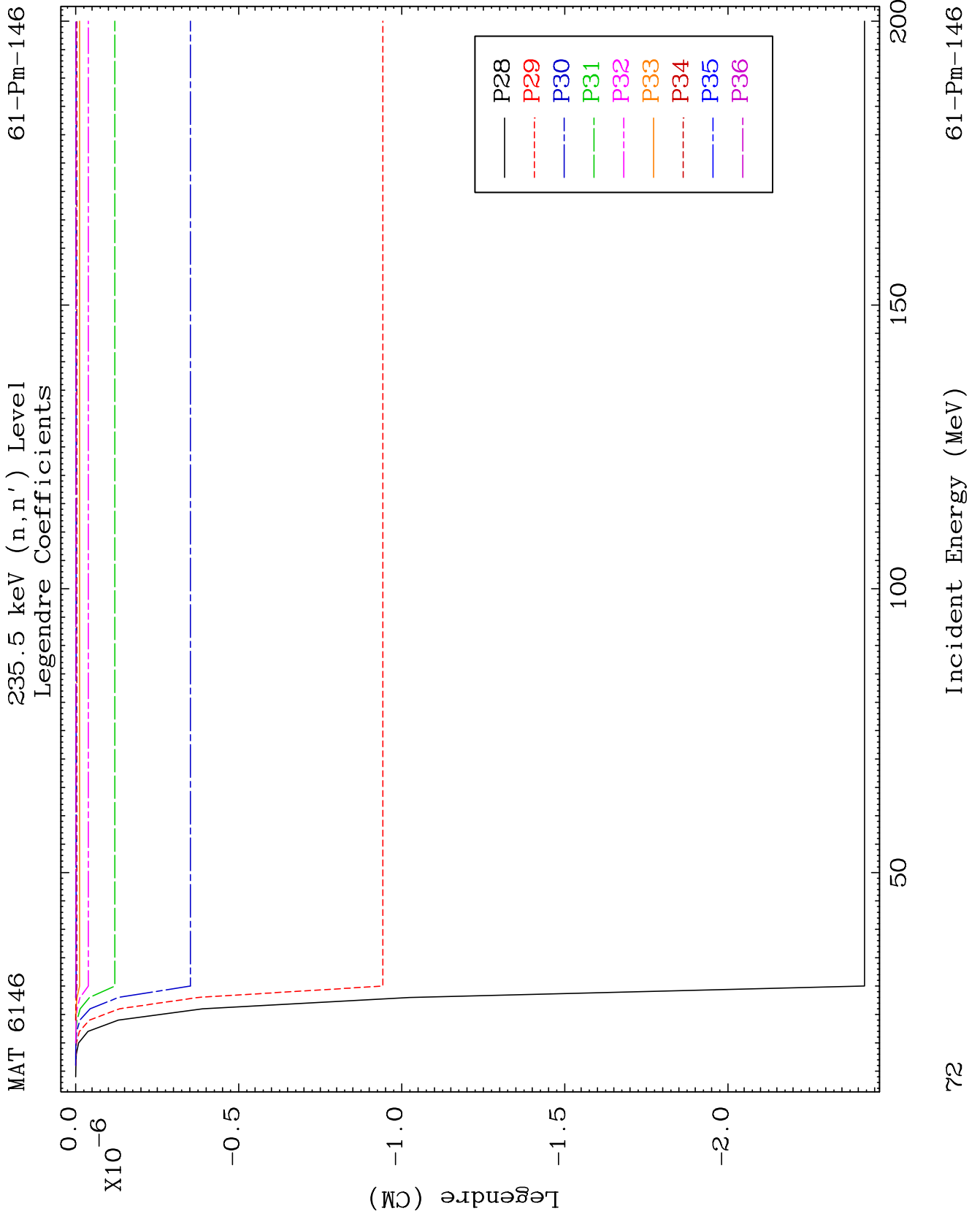
Incident Energy (MeV)

69





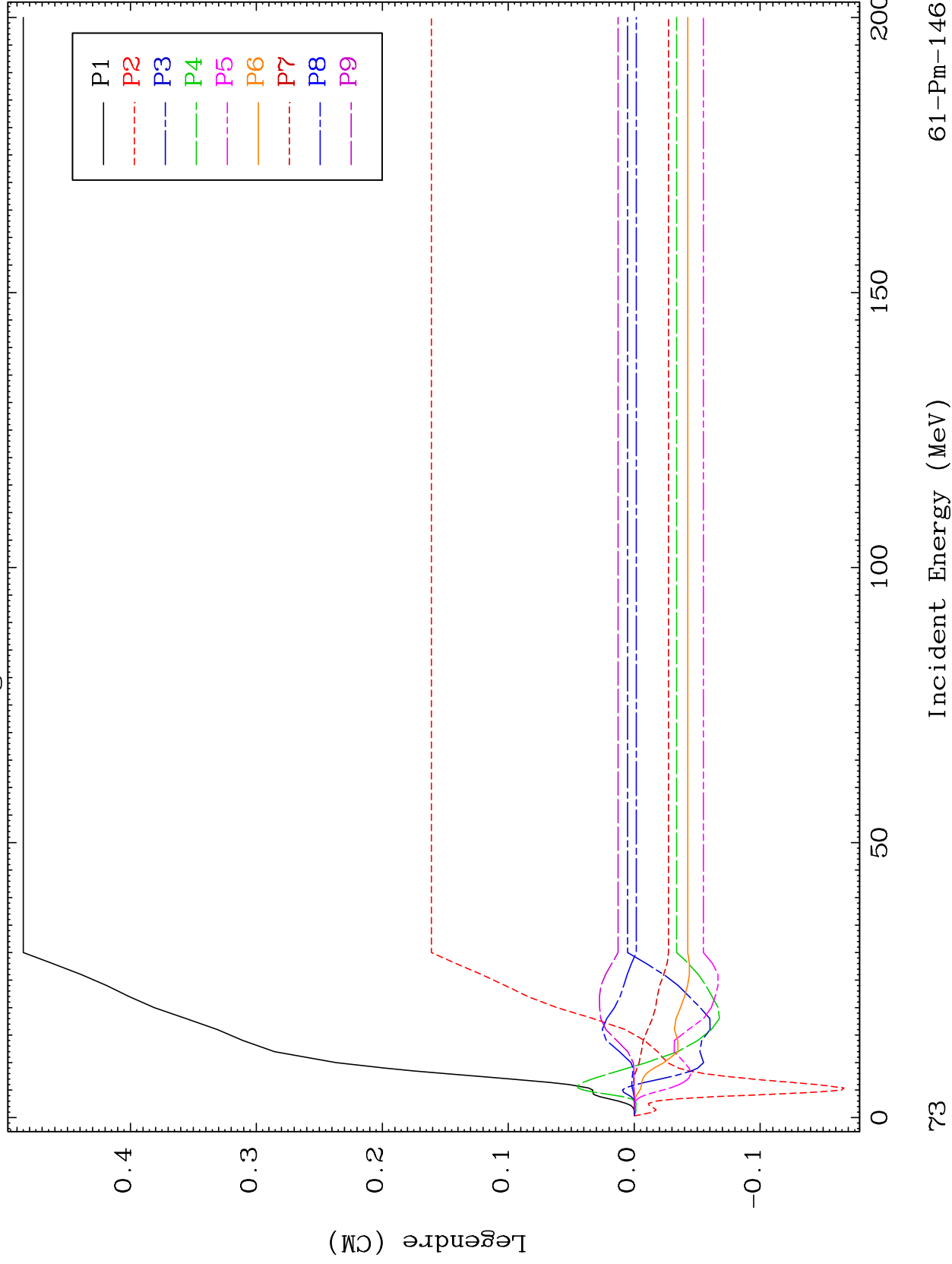




MAT 6146

285.2 keV (n,n') Level  
Legendre Coefficients

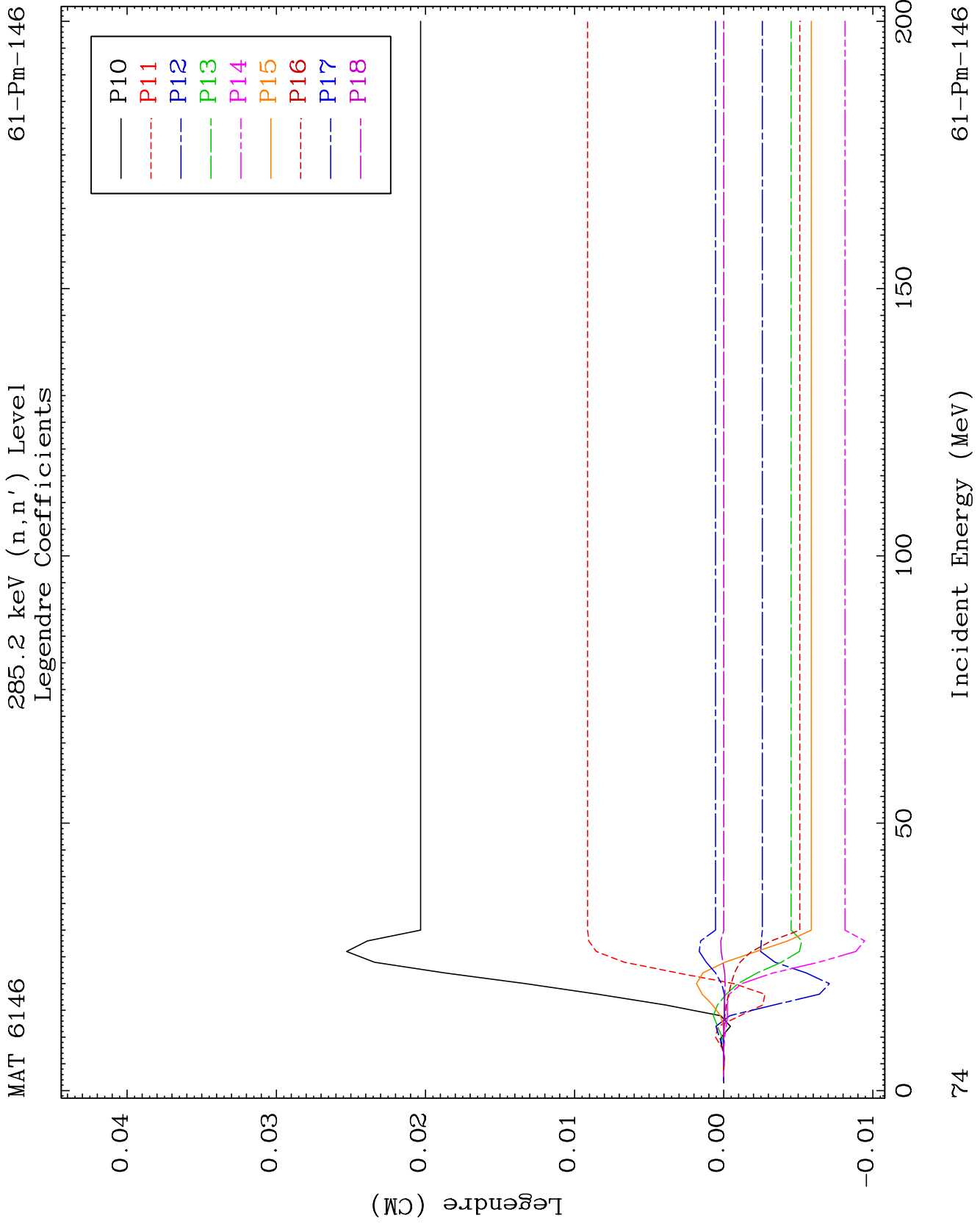
61-Pm-146



61-Pm-146

Incident Energy (MeV)

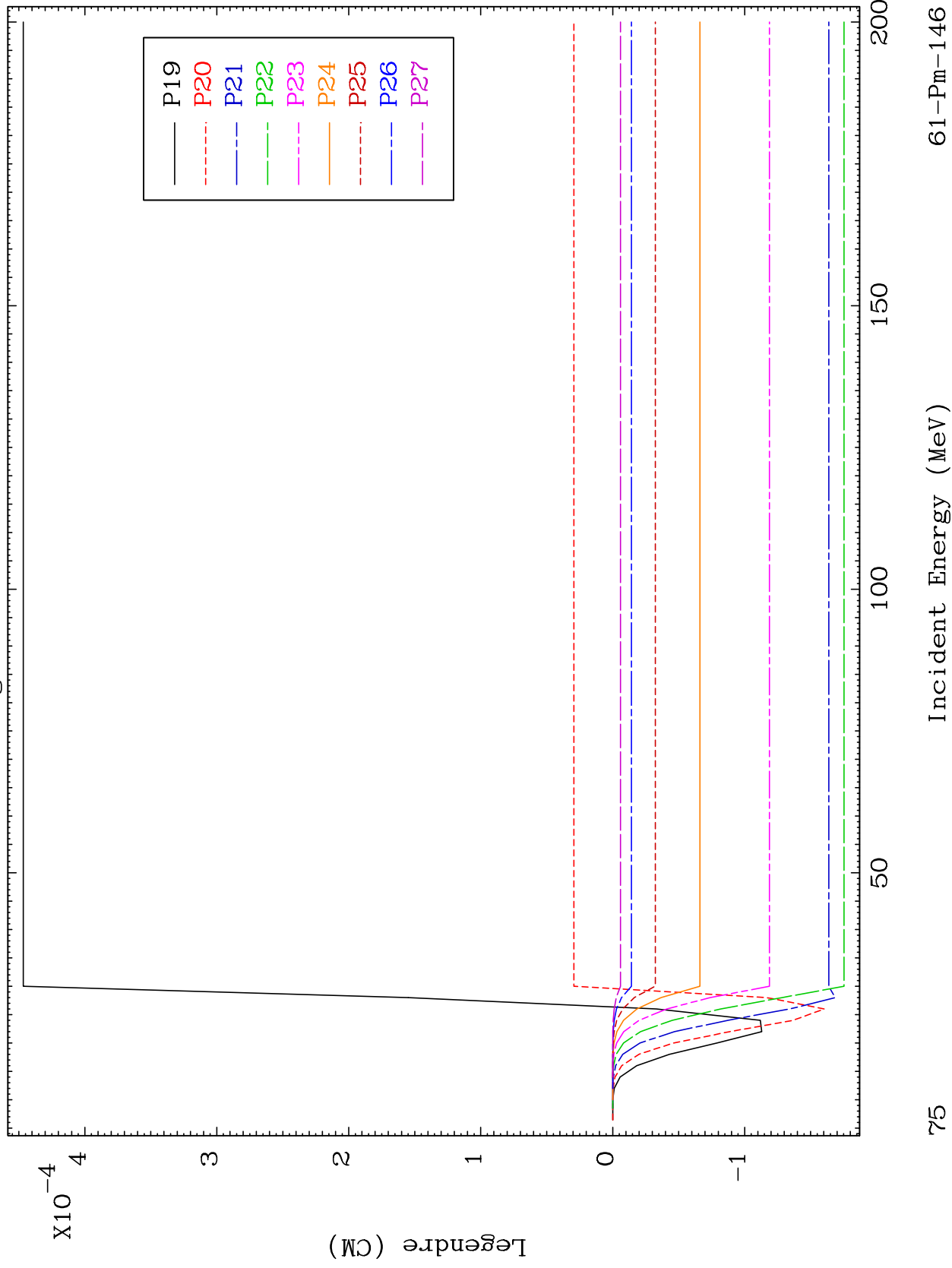
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MAT 6146

285.2 keV (n,n') Level  
Legendre Coefficients

61-Pm-146

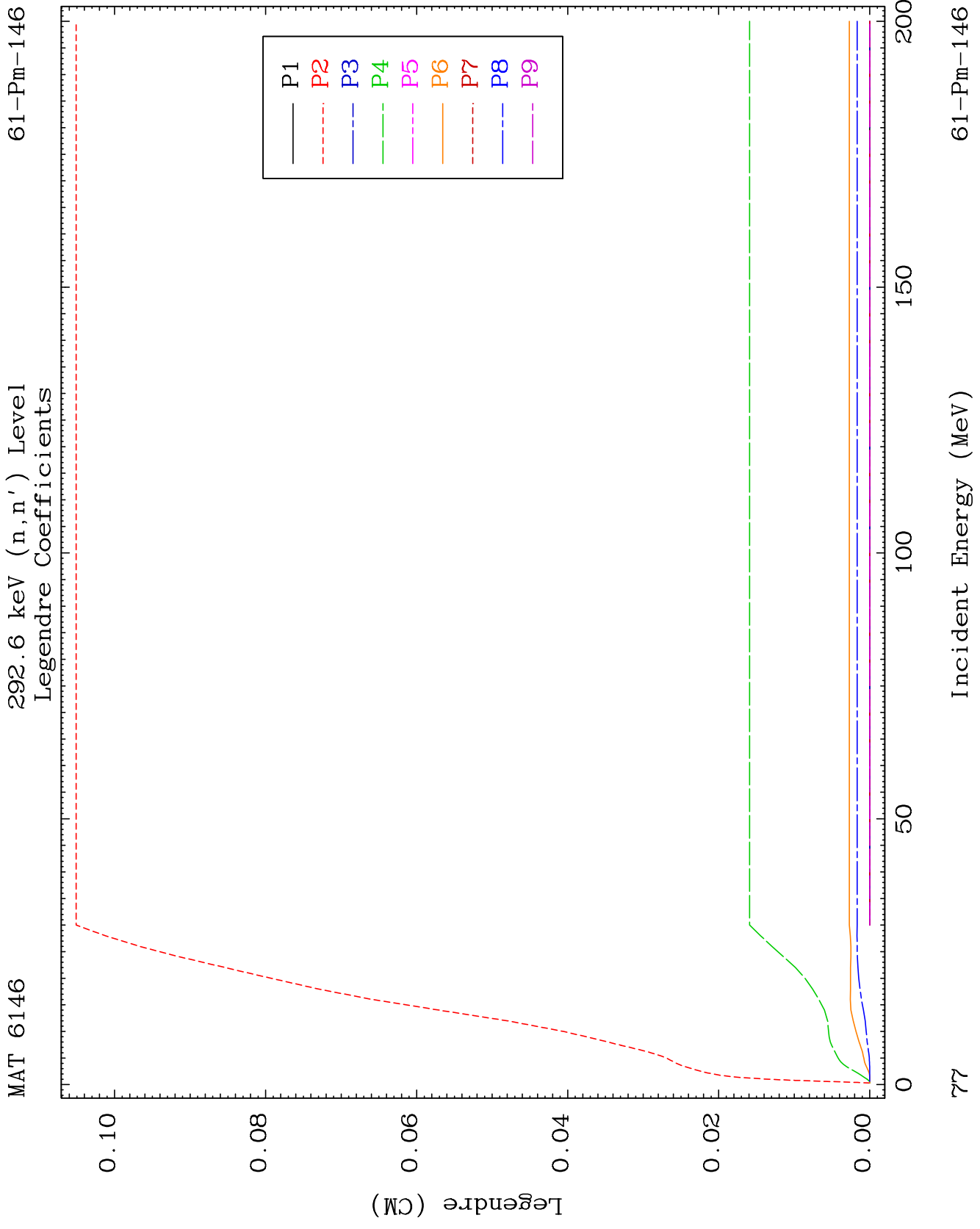


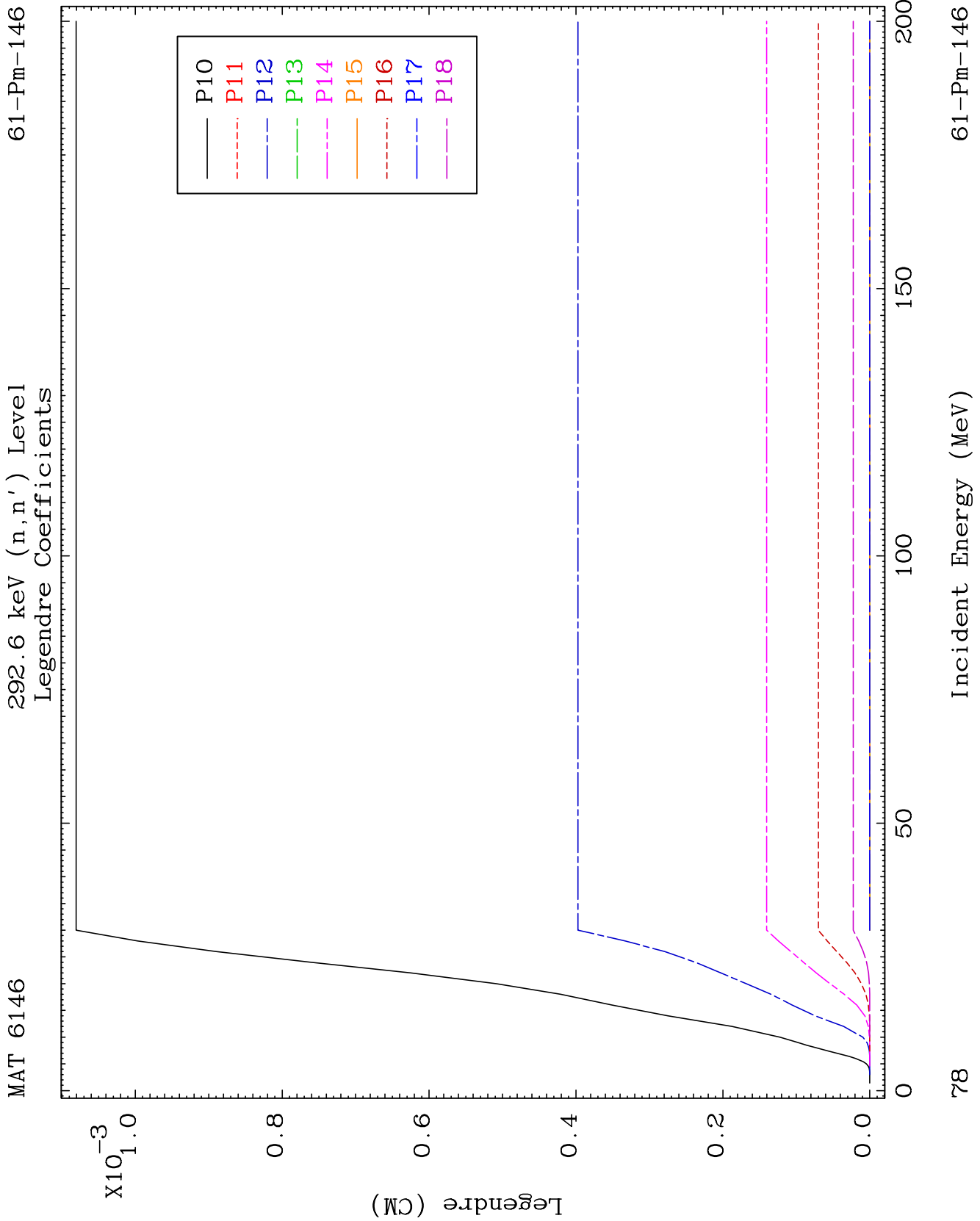
75

Incident Energy (MeV)

61-Pm-146





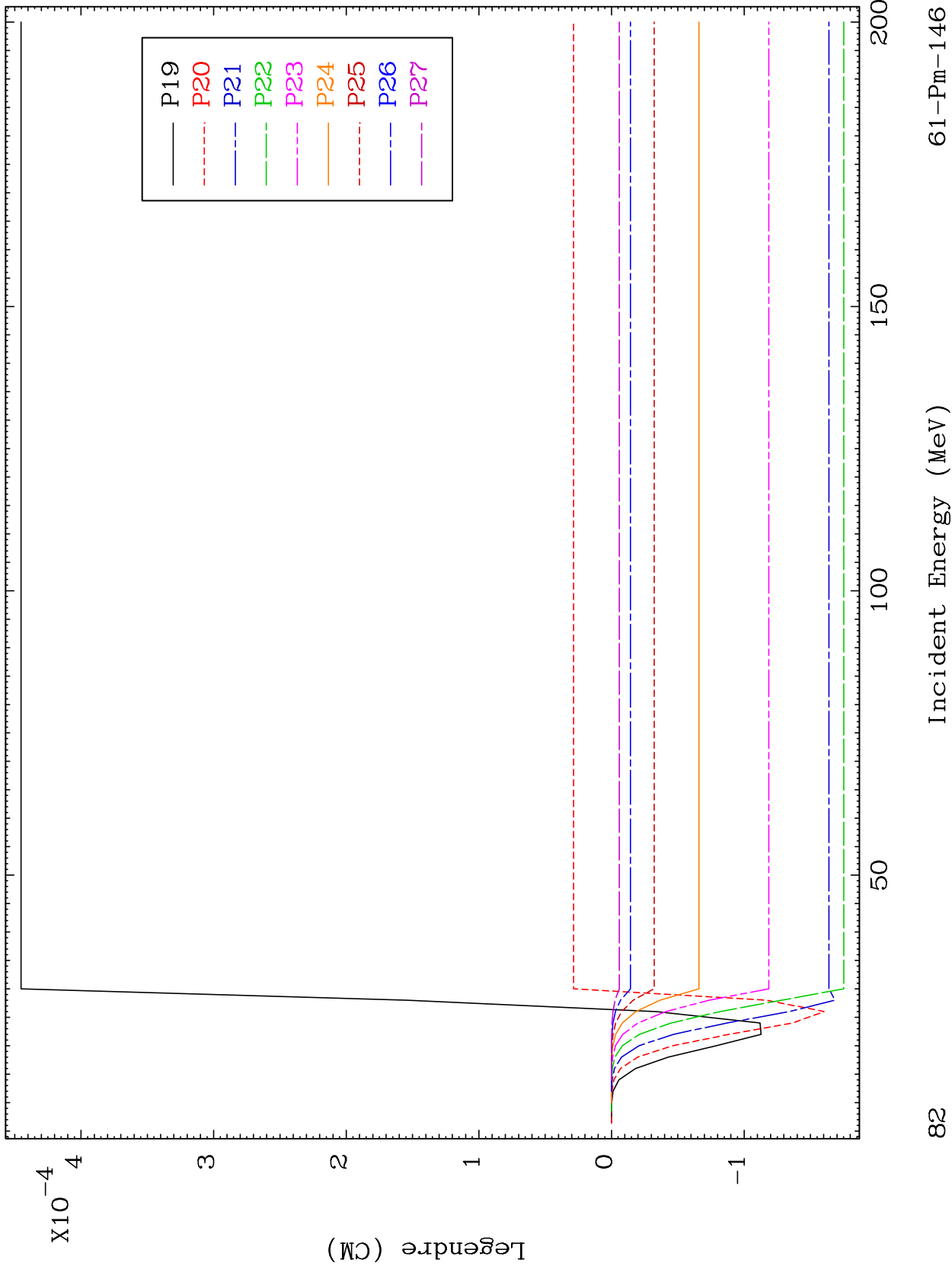


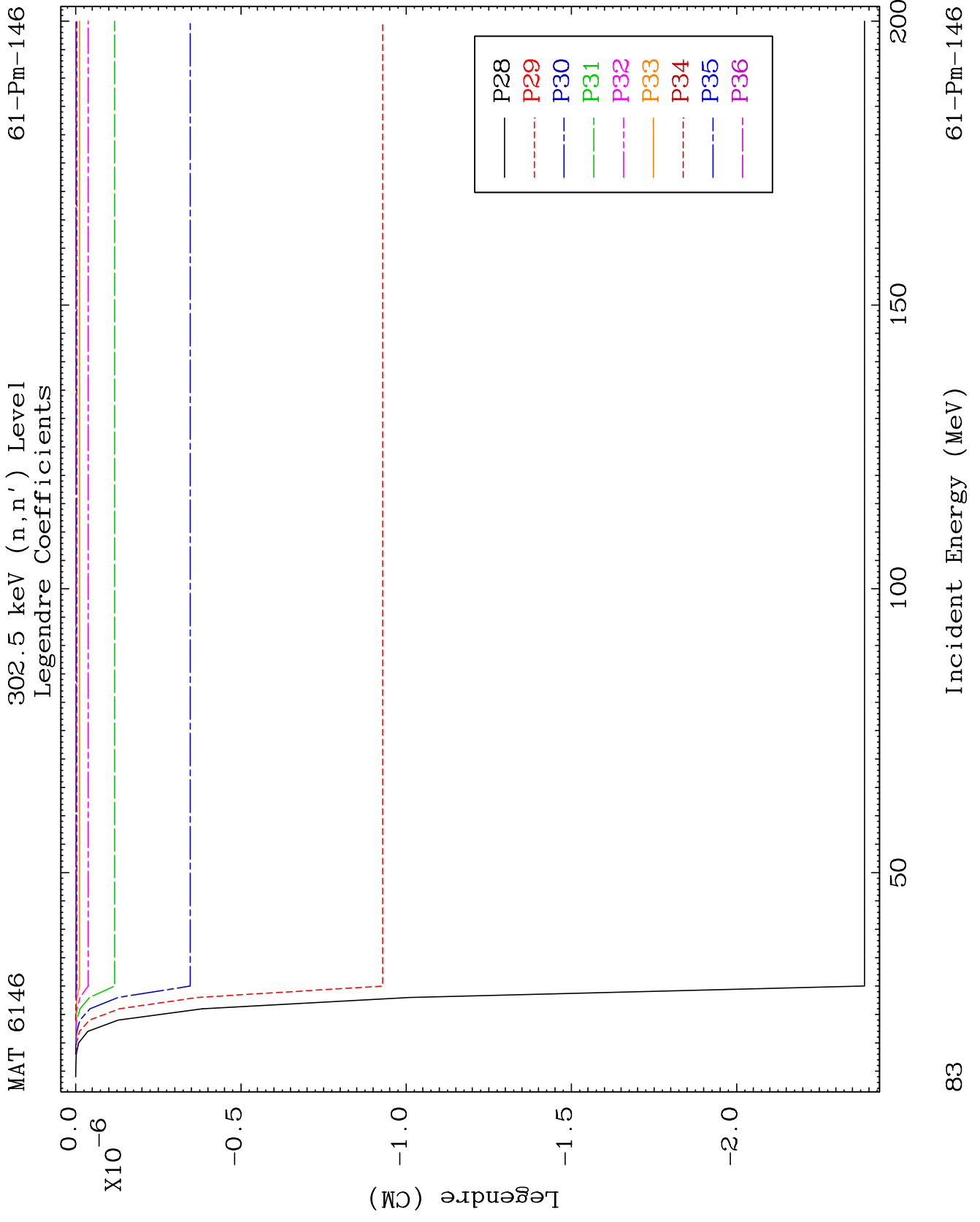




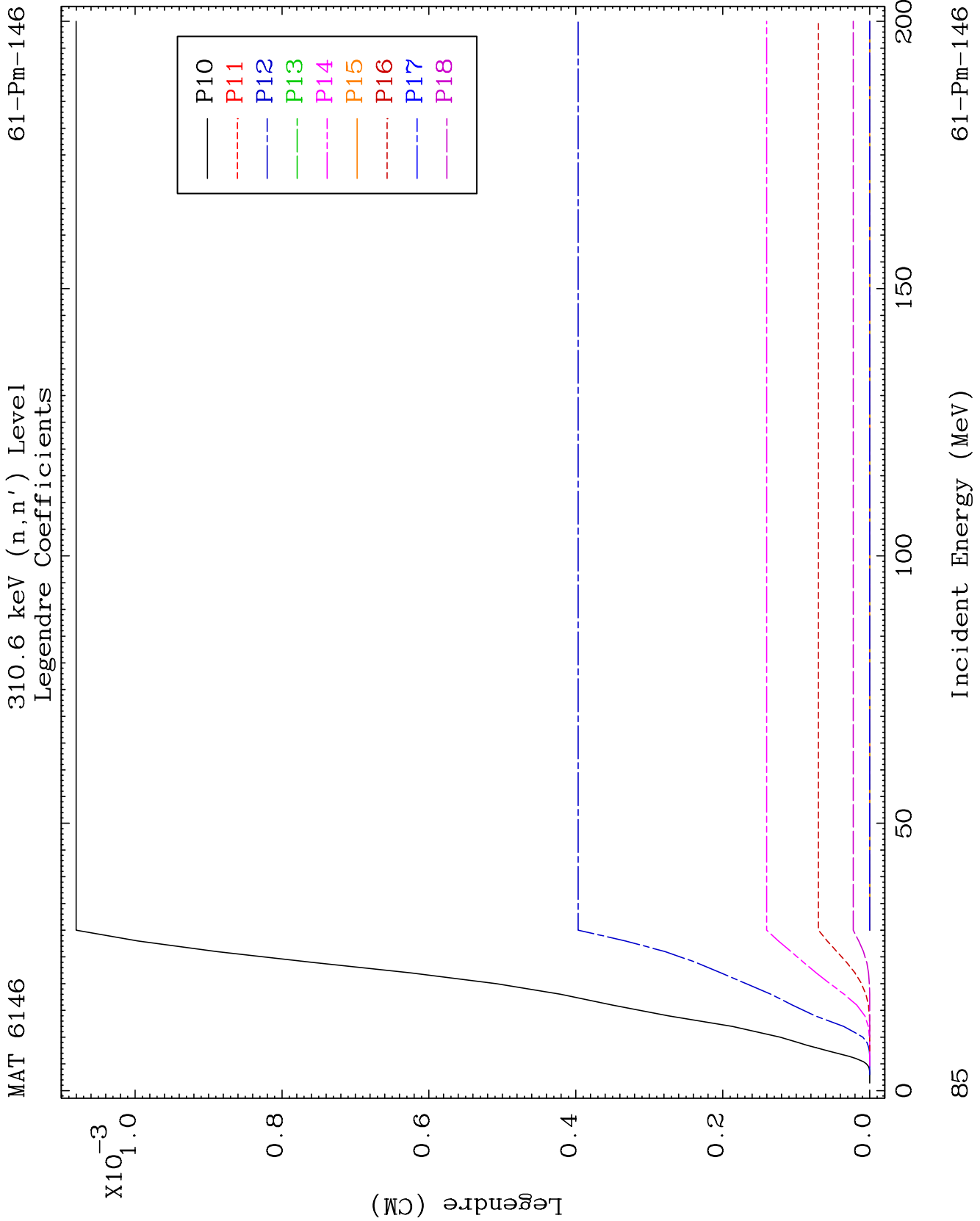


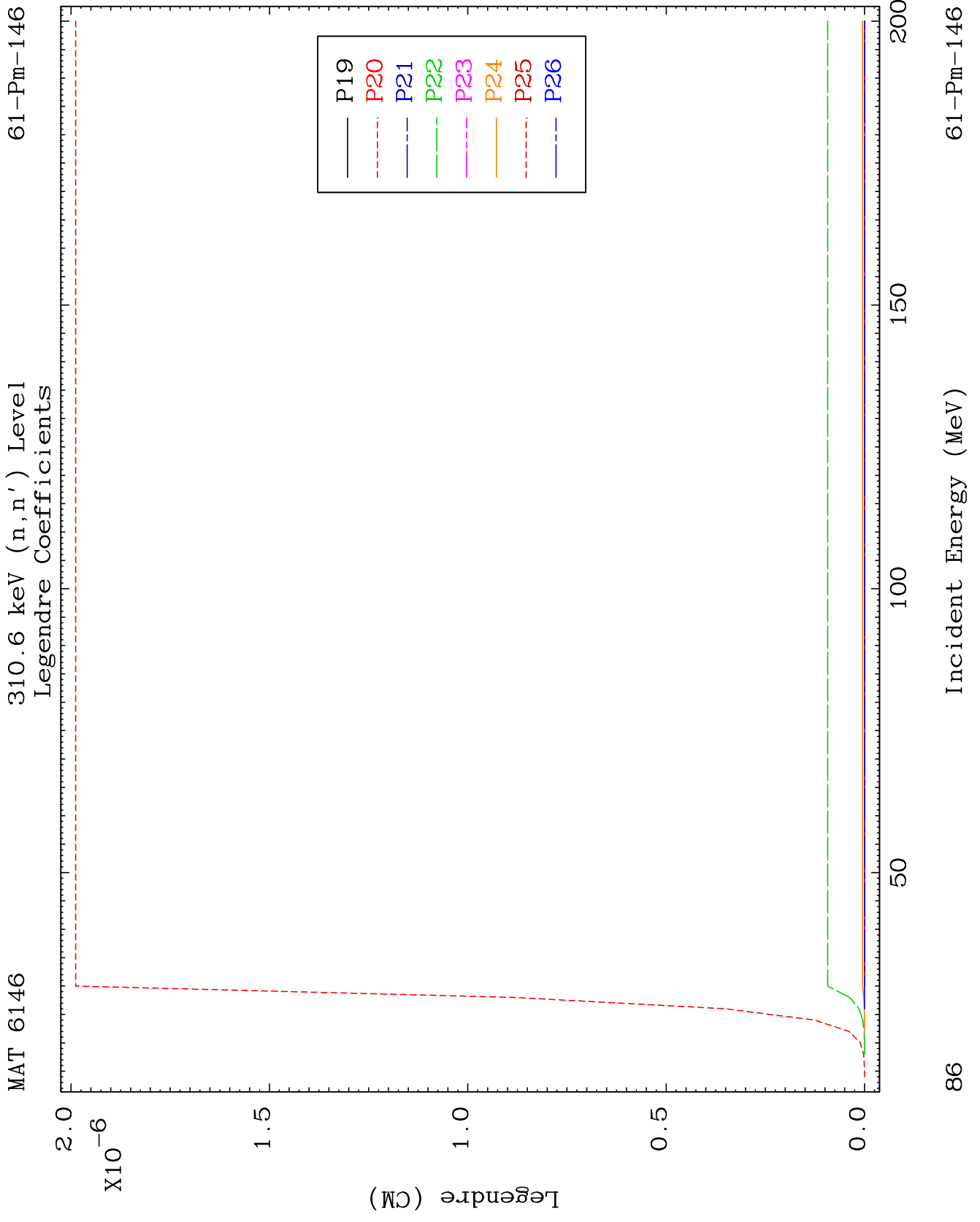


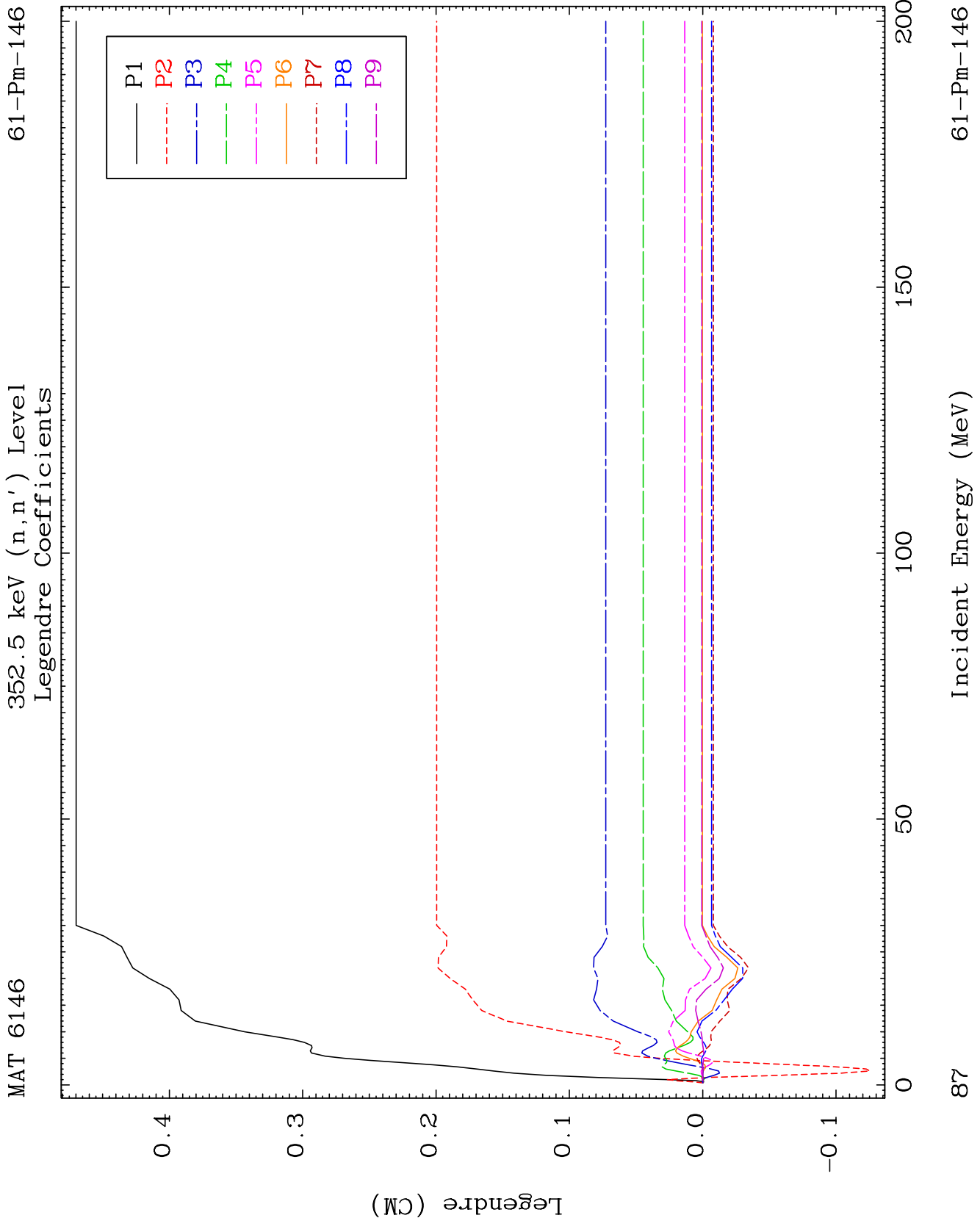






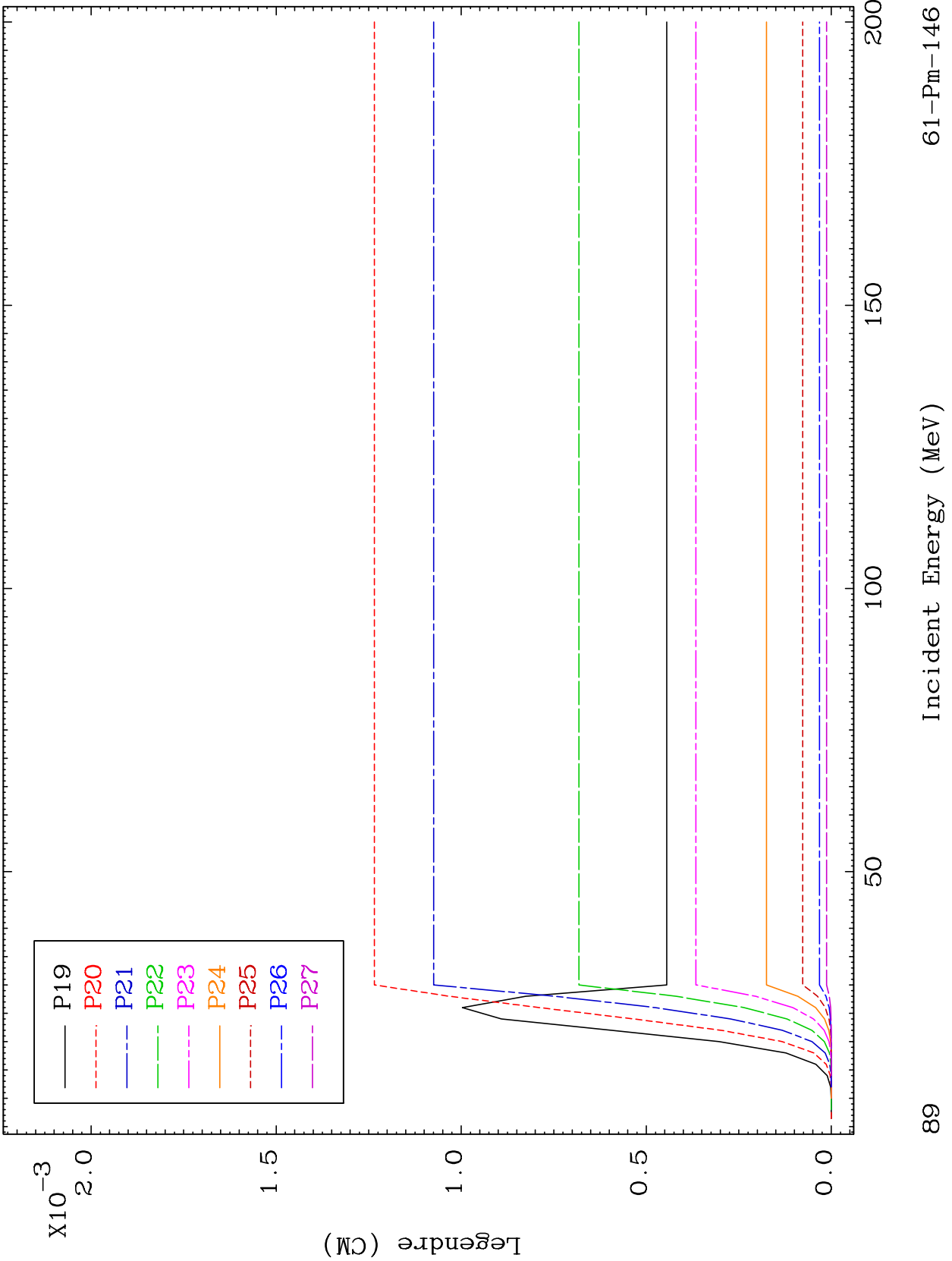


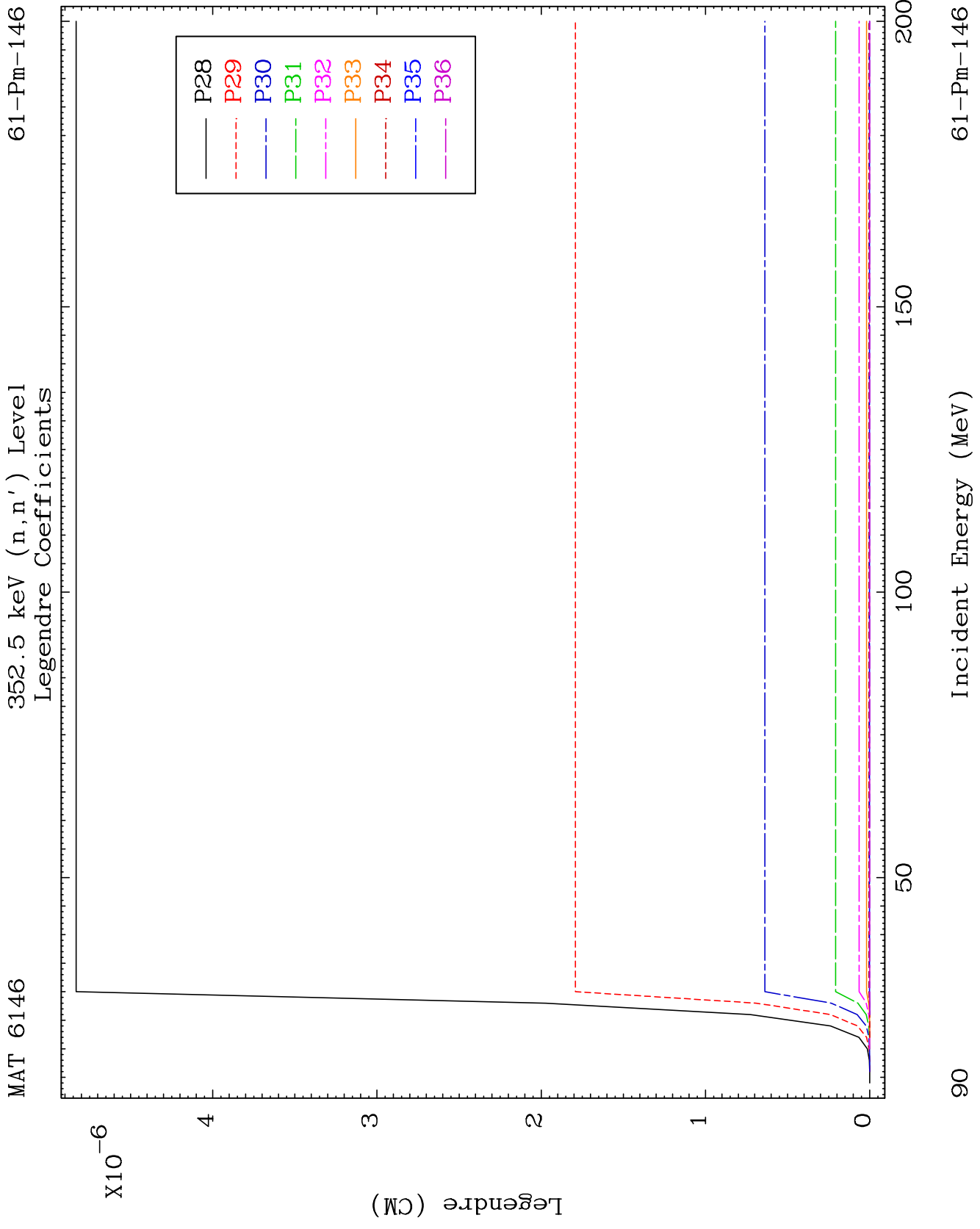








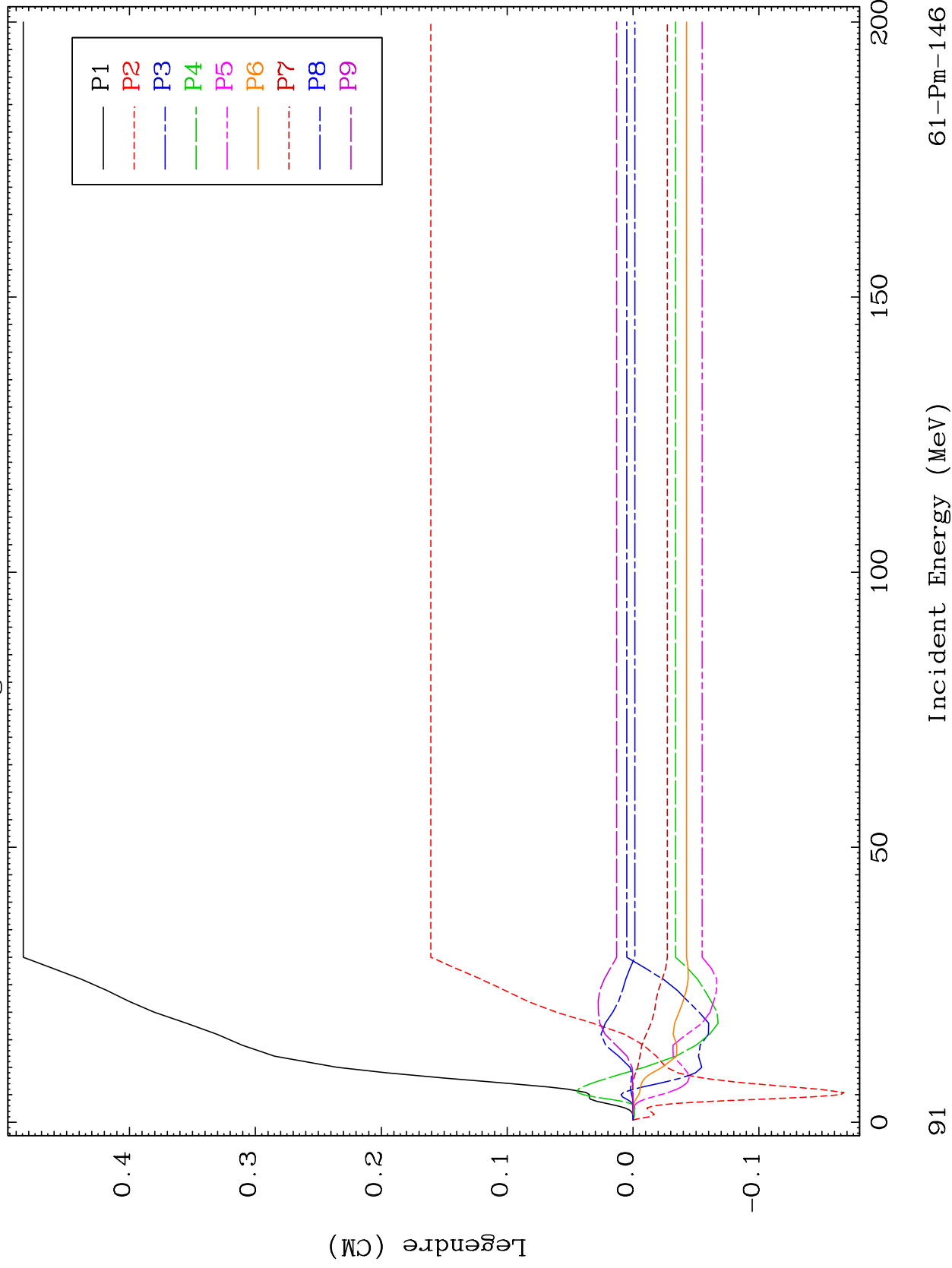




MAT 6146

392.0 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



61-Pm-146

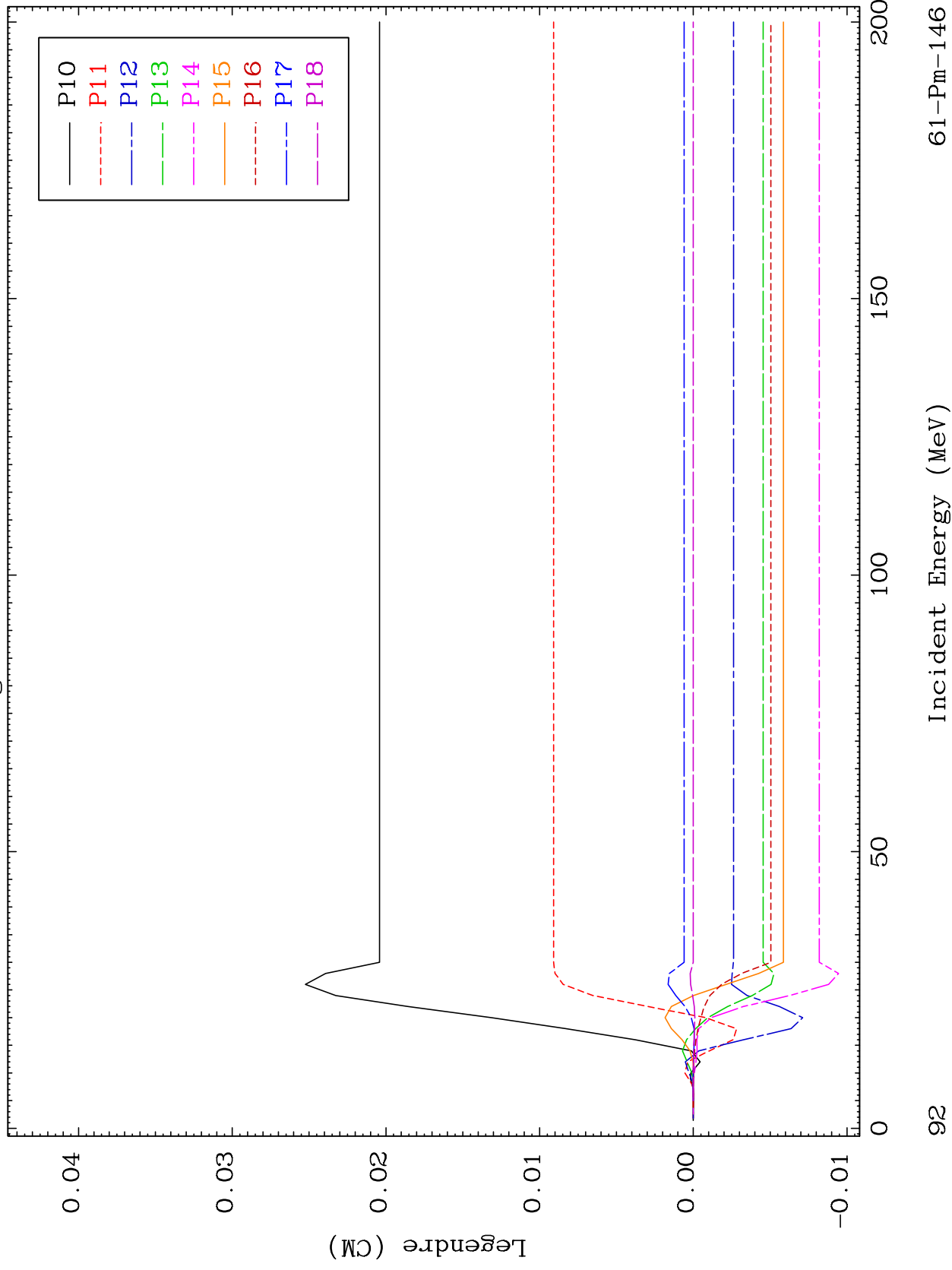
Incident Energy (MeV)

91

MAT 6146

392.0 keV (n,n') Level  
Legendre Coefficients

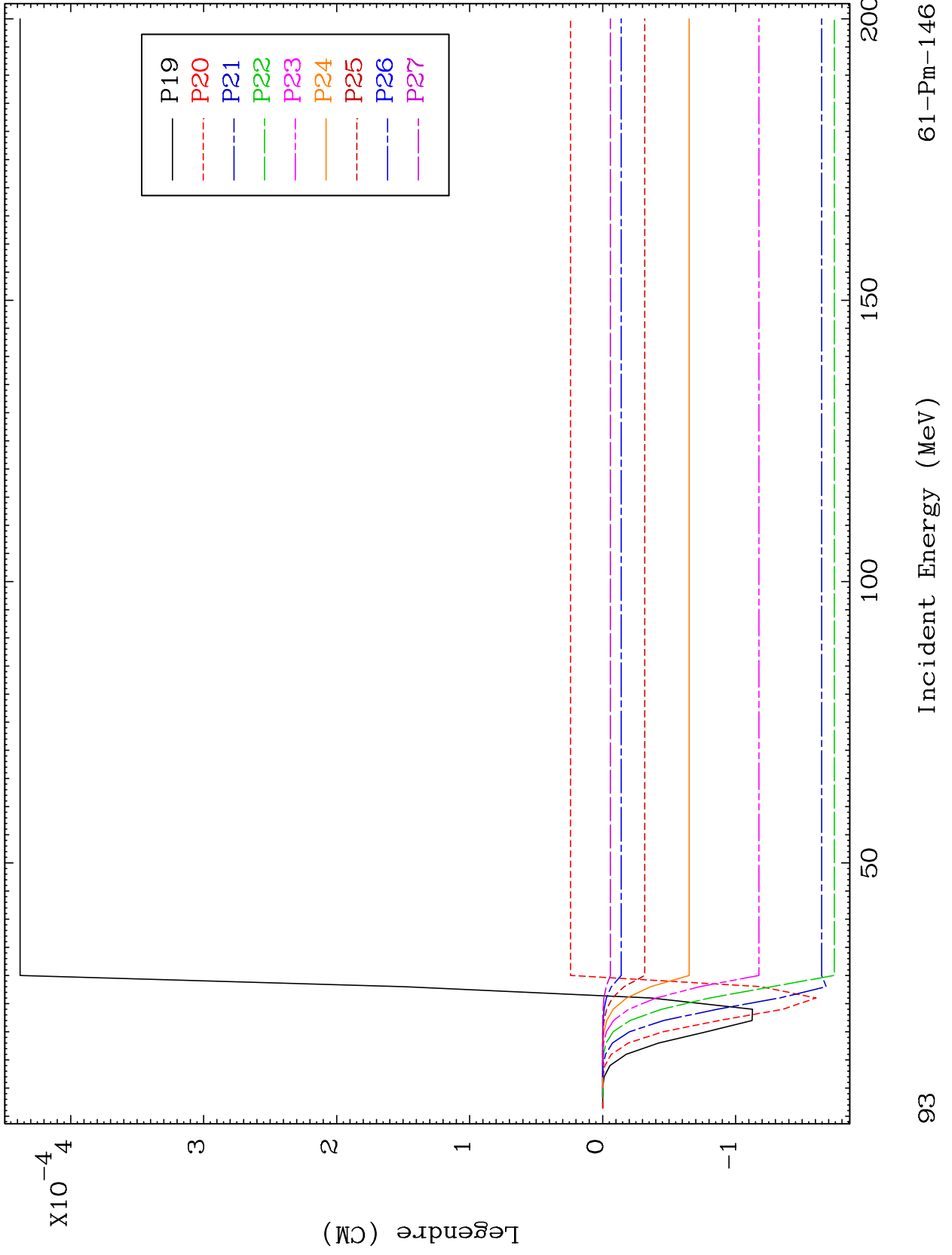
61-Pm-146



61-Pm-146

Incident Energy (MeV)

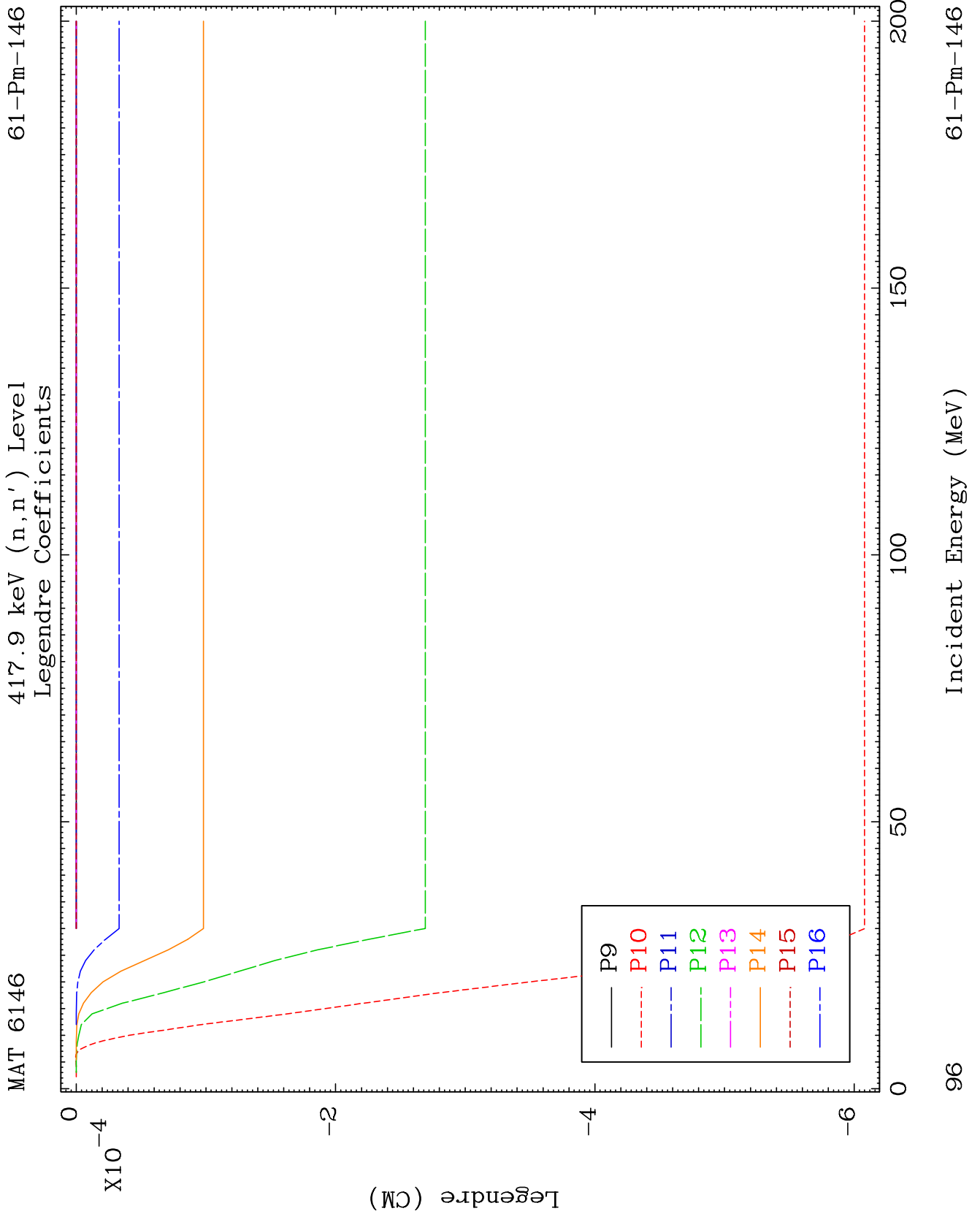
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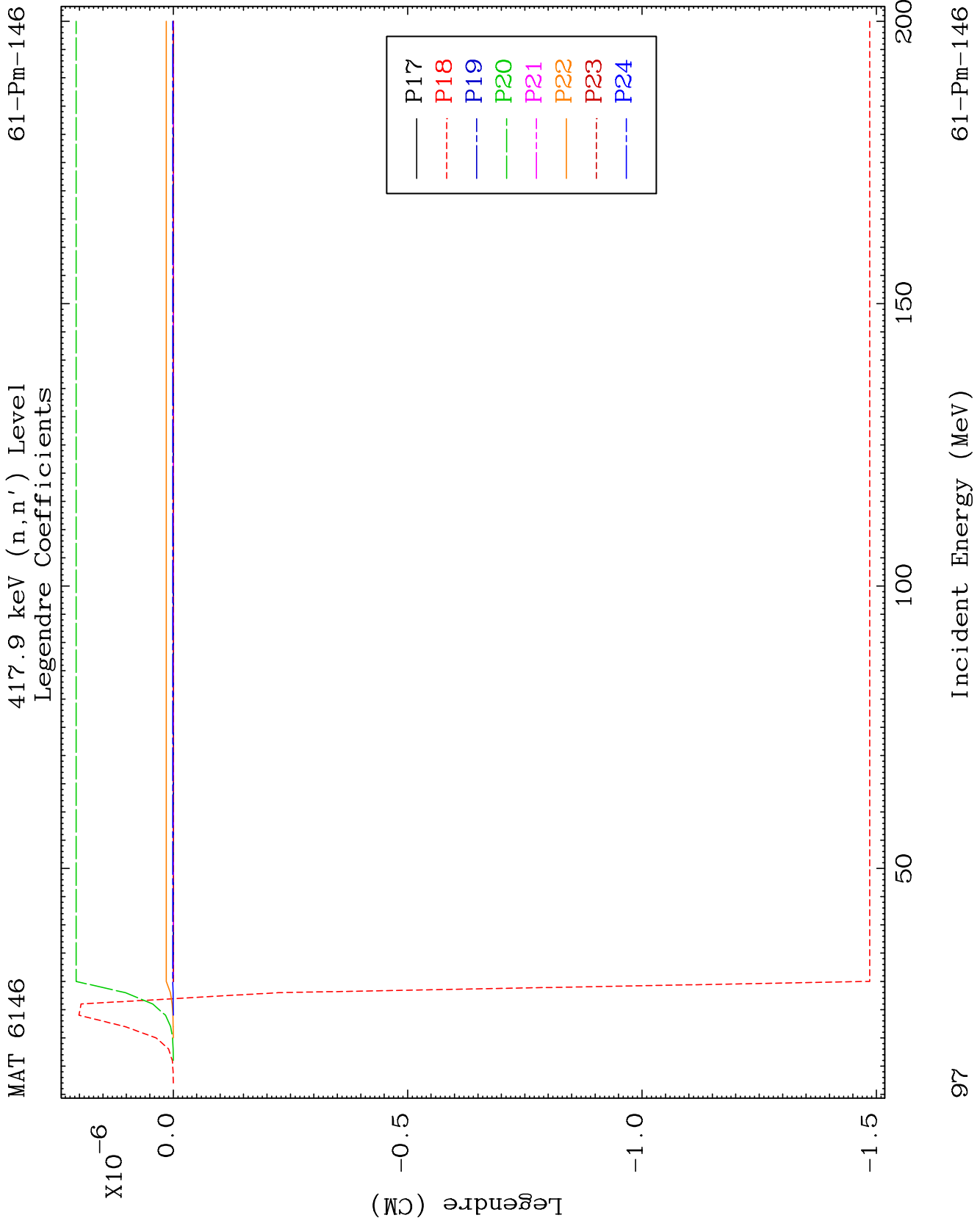


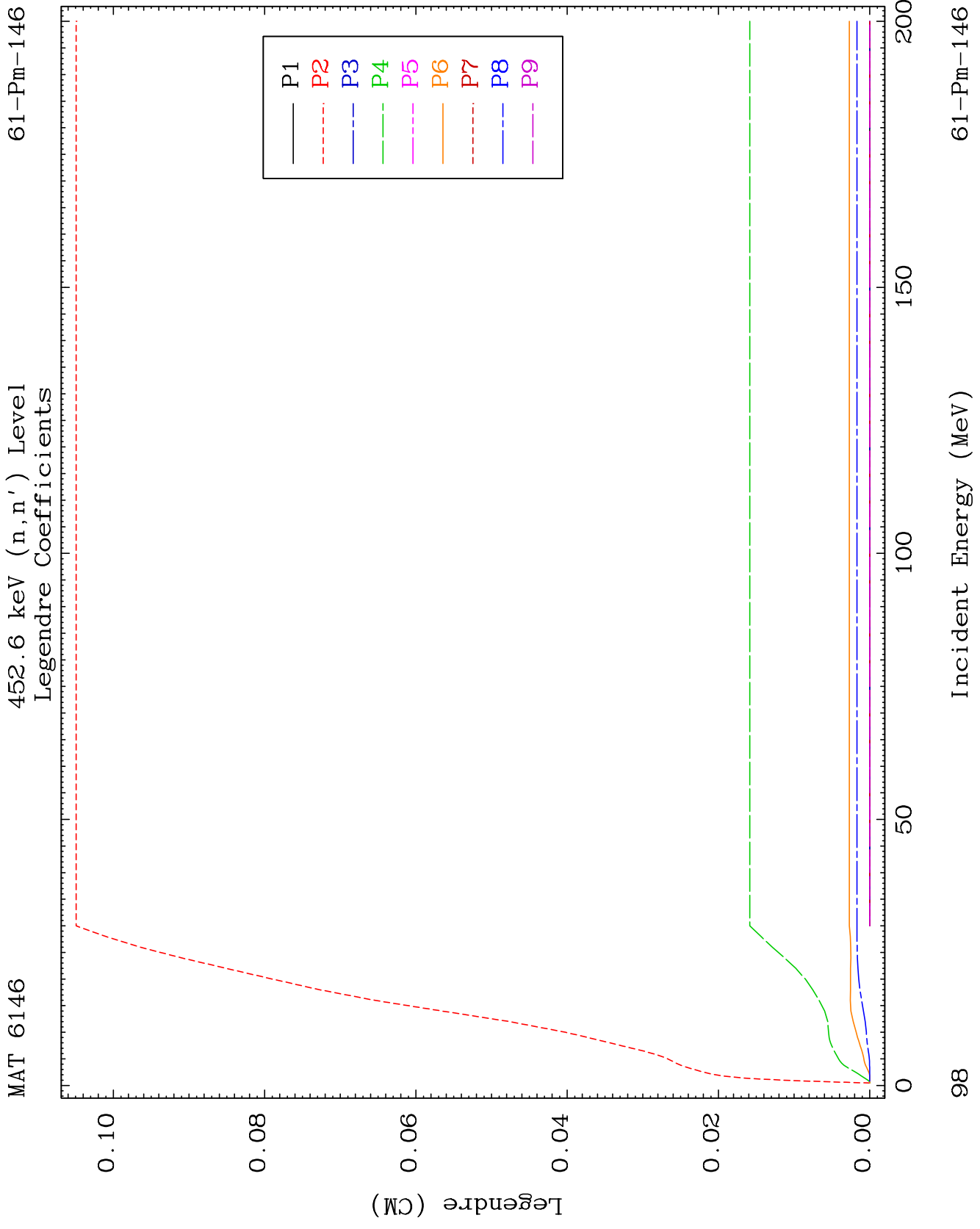








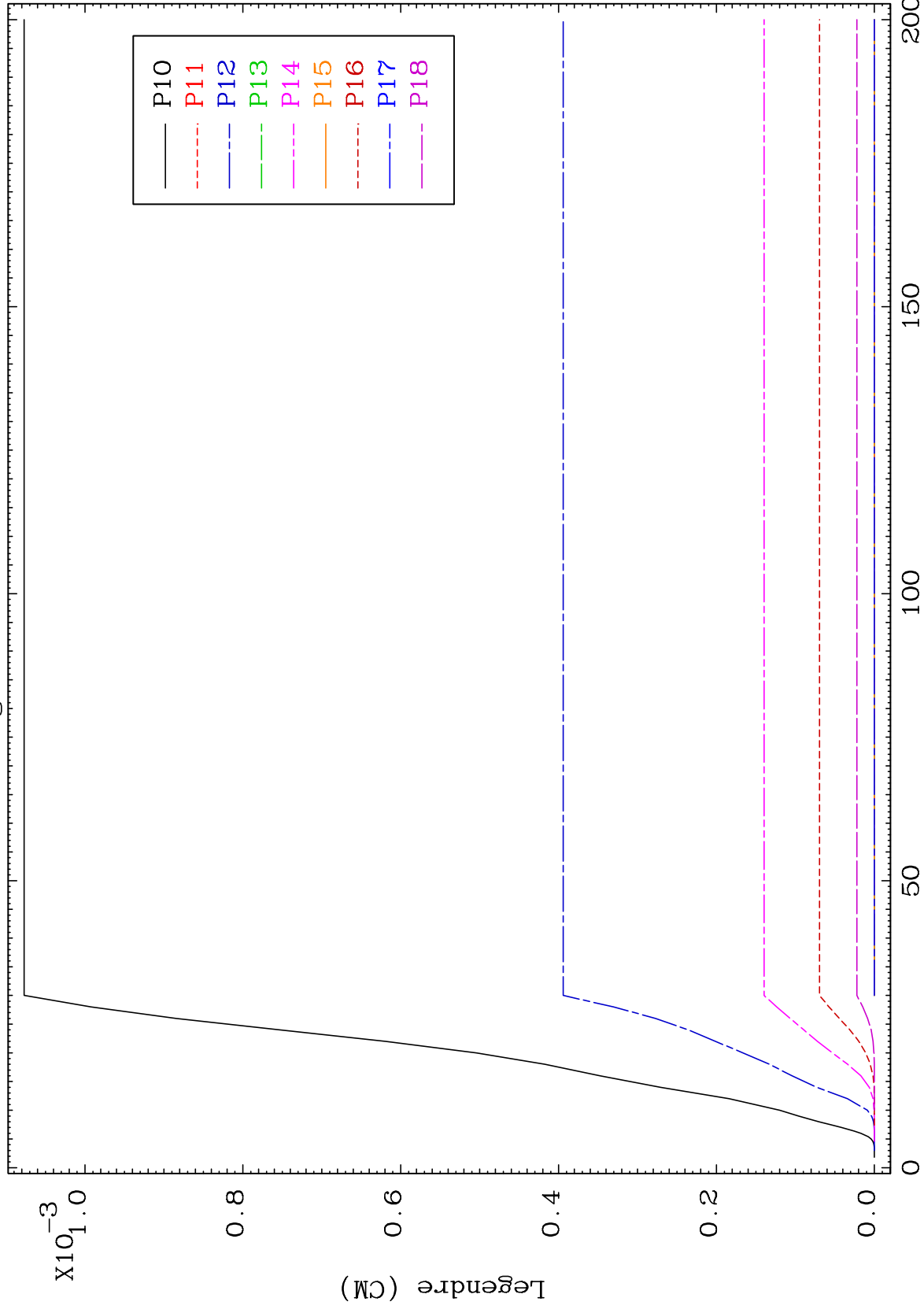




MAT 6146

452.6 keV (n,n') Level  
Legendre Coefficients

61-Pm-146

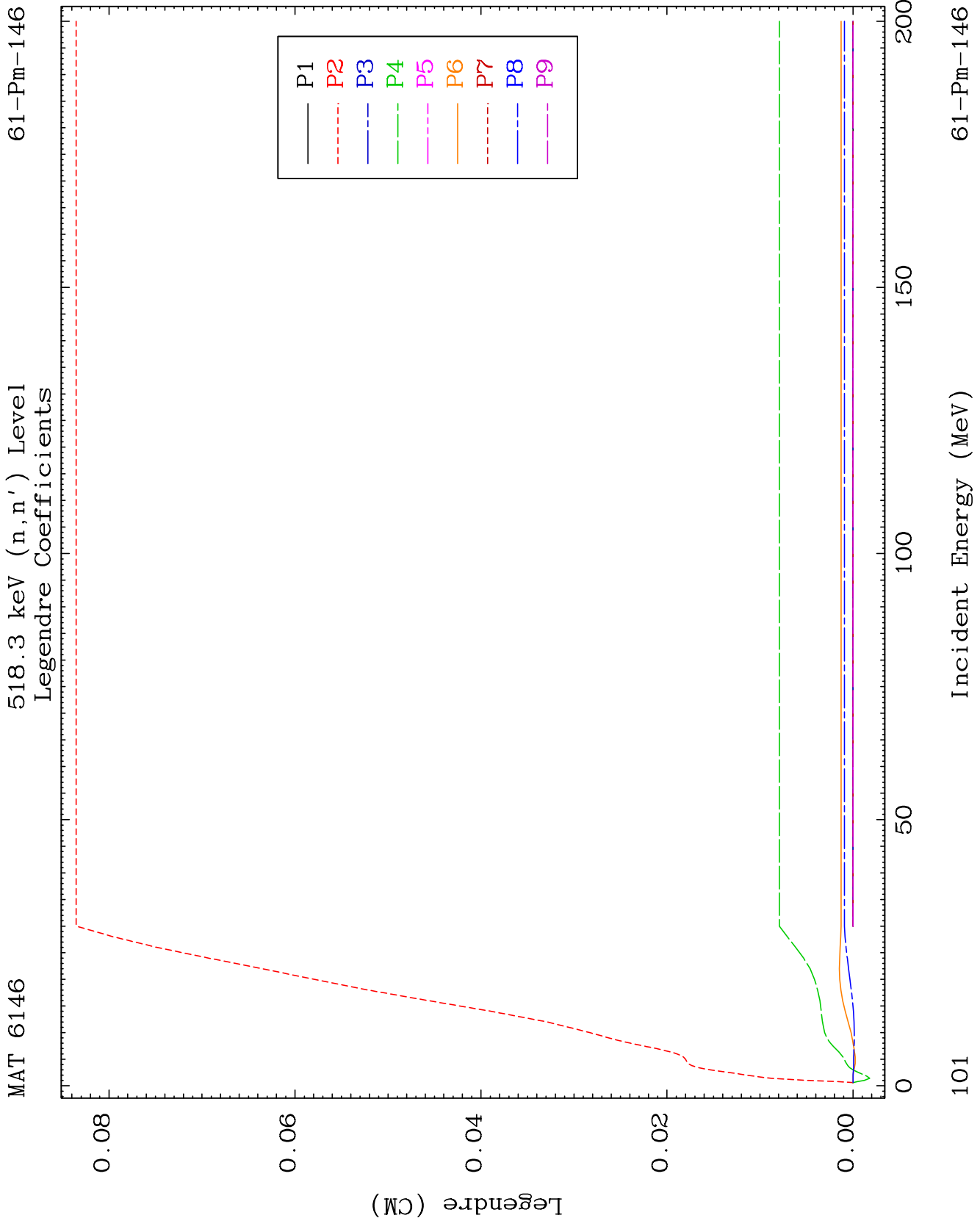


99

Incident Energy (MeV)

61-Pm-146

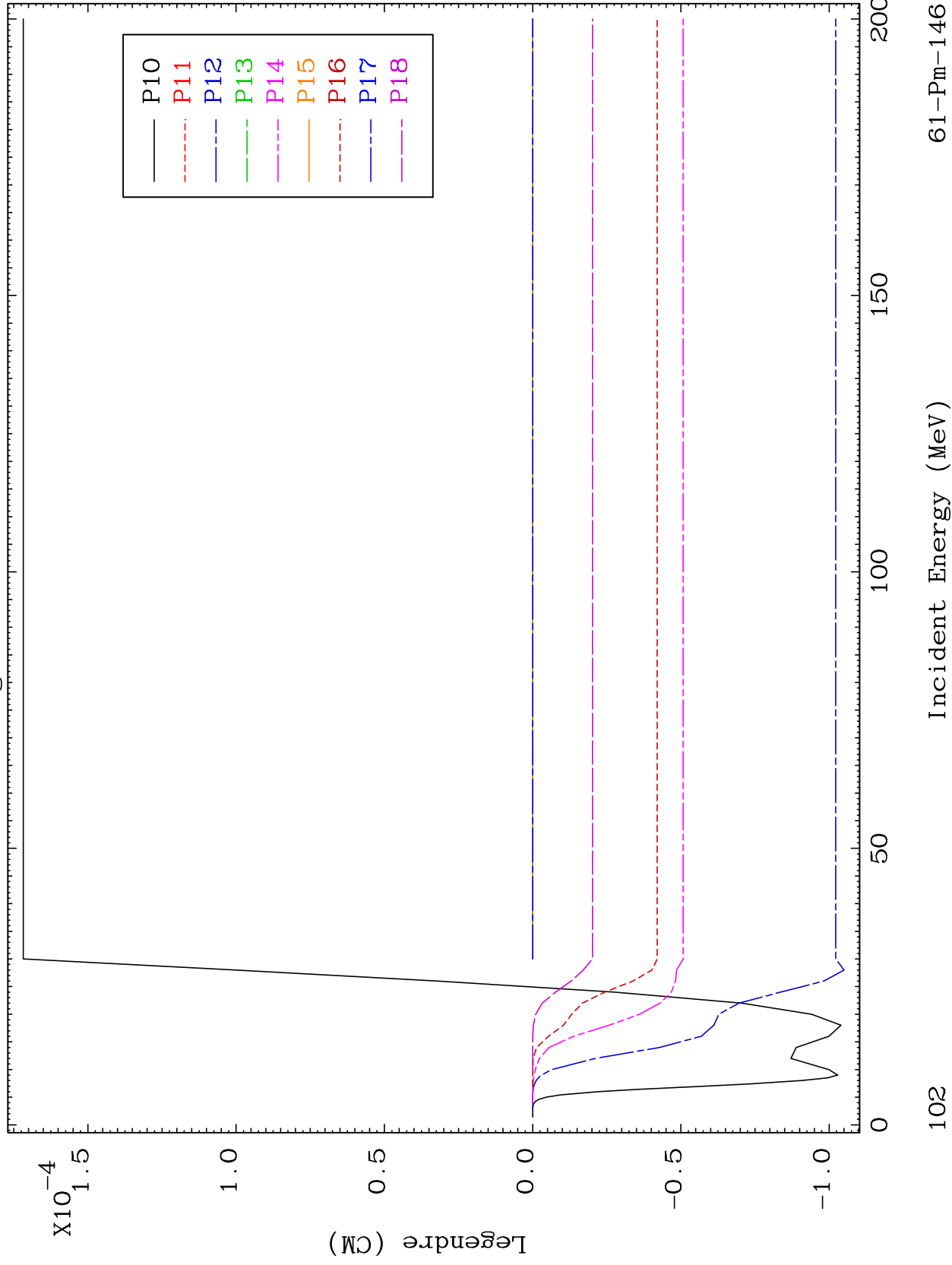




MAT 6146

518.3 keV (n,n') Level  
Legendre Coefficients

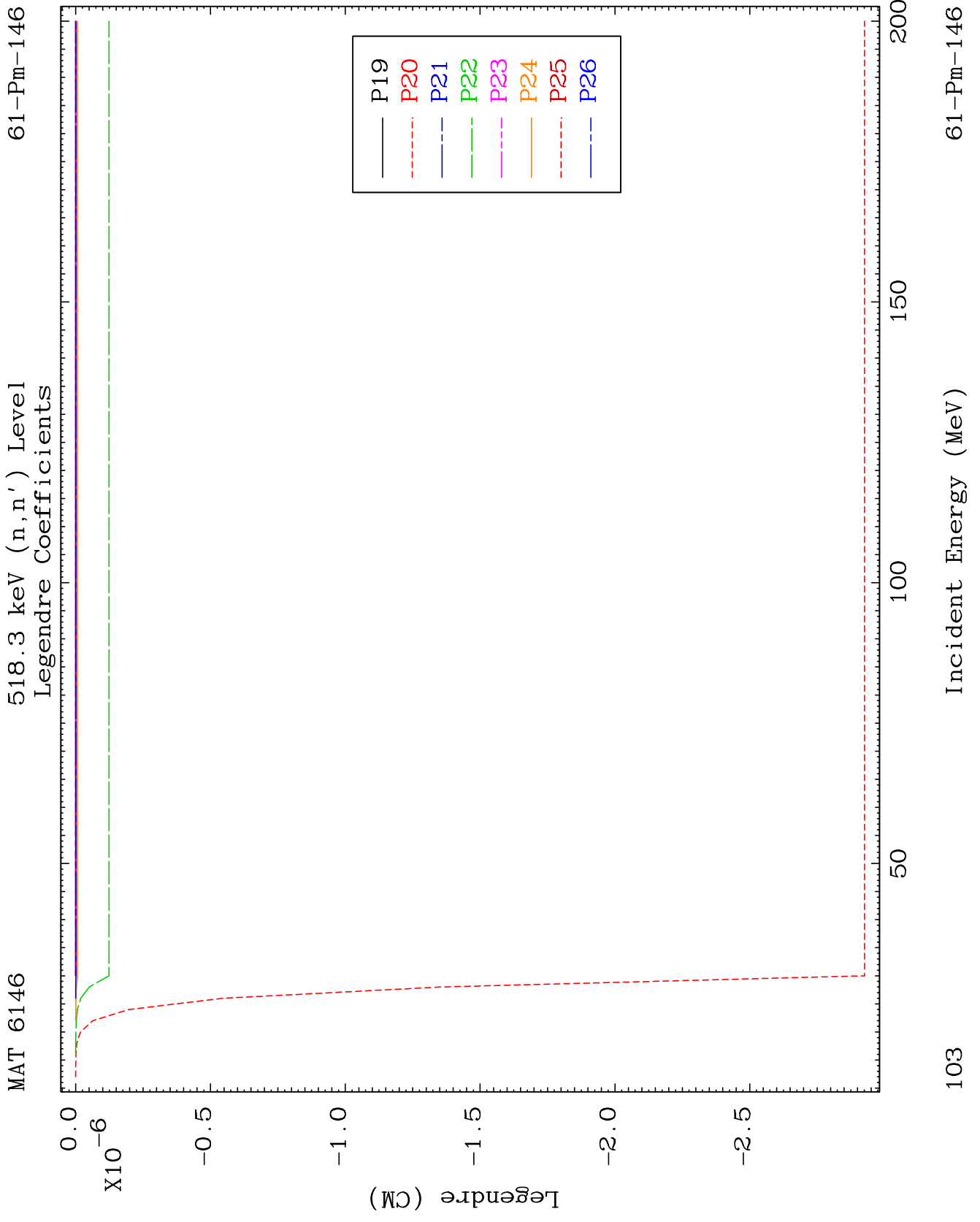
61-Pm-146



61-Pm-146

Incident Energy (MeV)

102

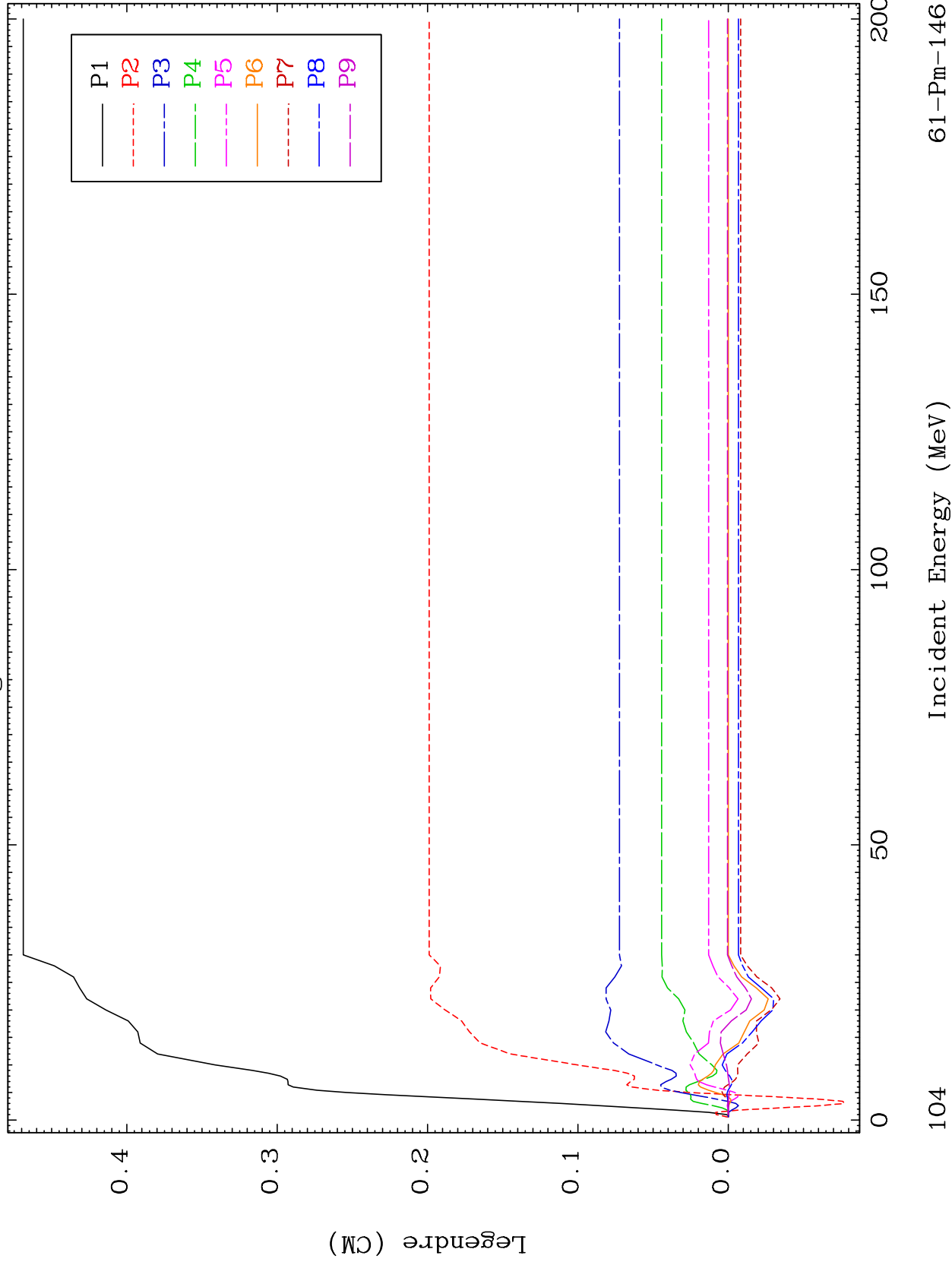




MAT 6146

532.2 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



61-Pm-146

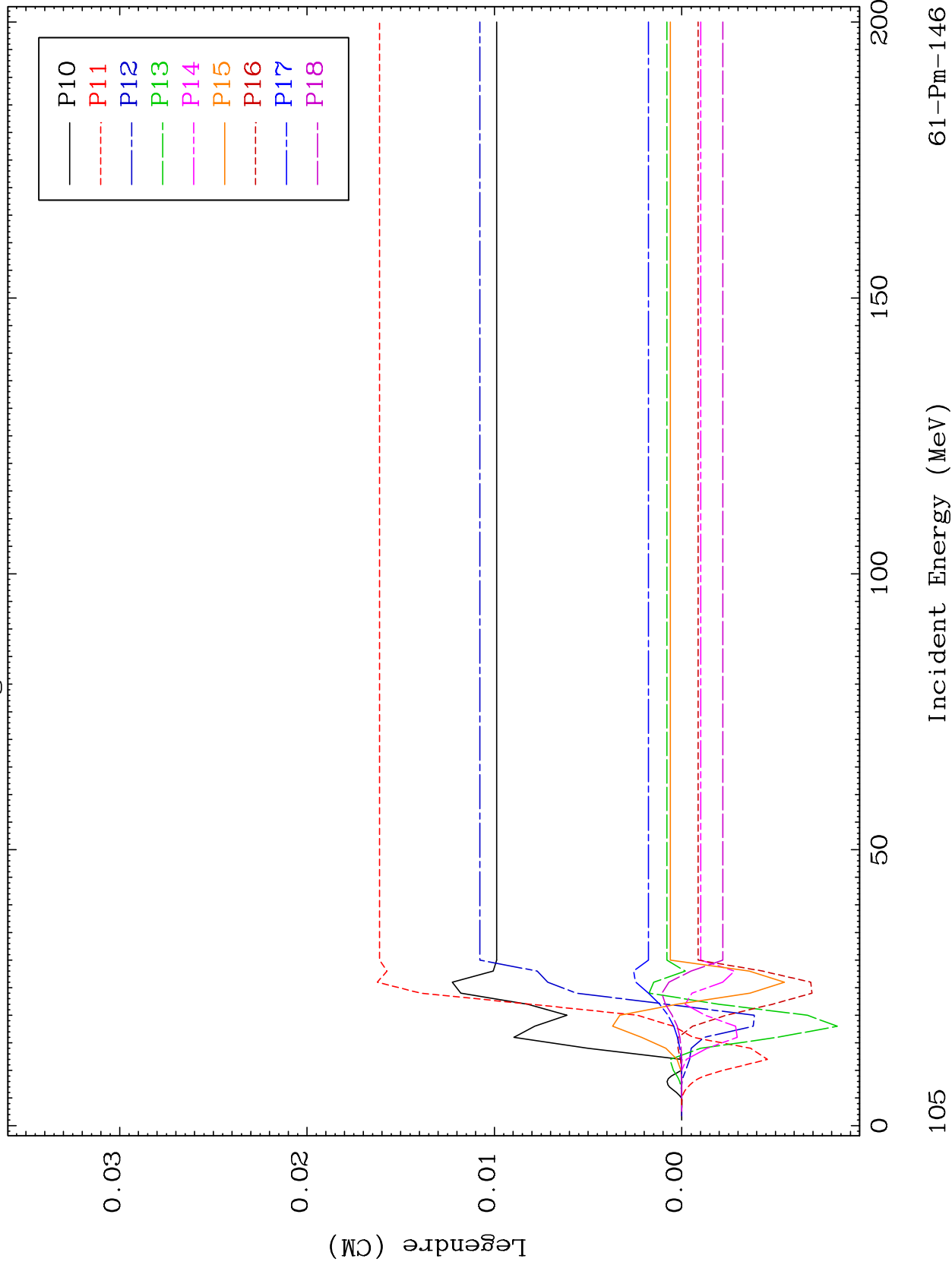
Incident Energy (MeV)

104

MAT 6146

532.2 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



61-Pm-146

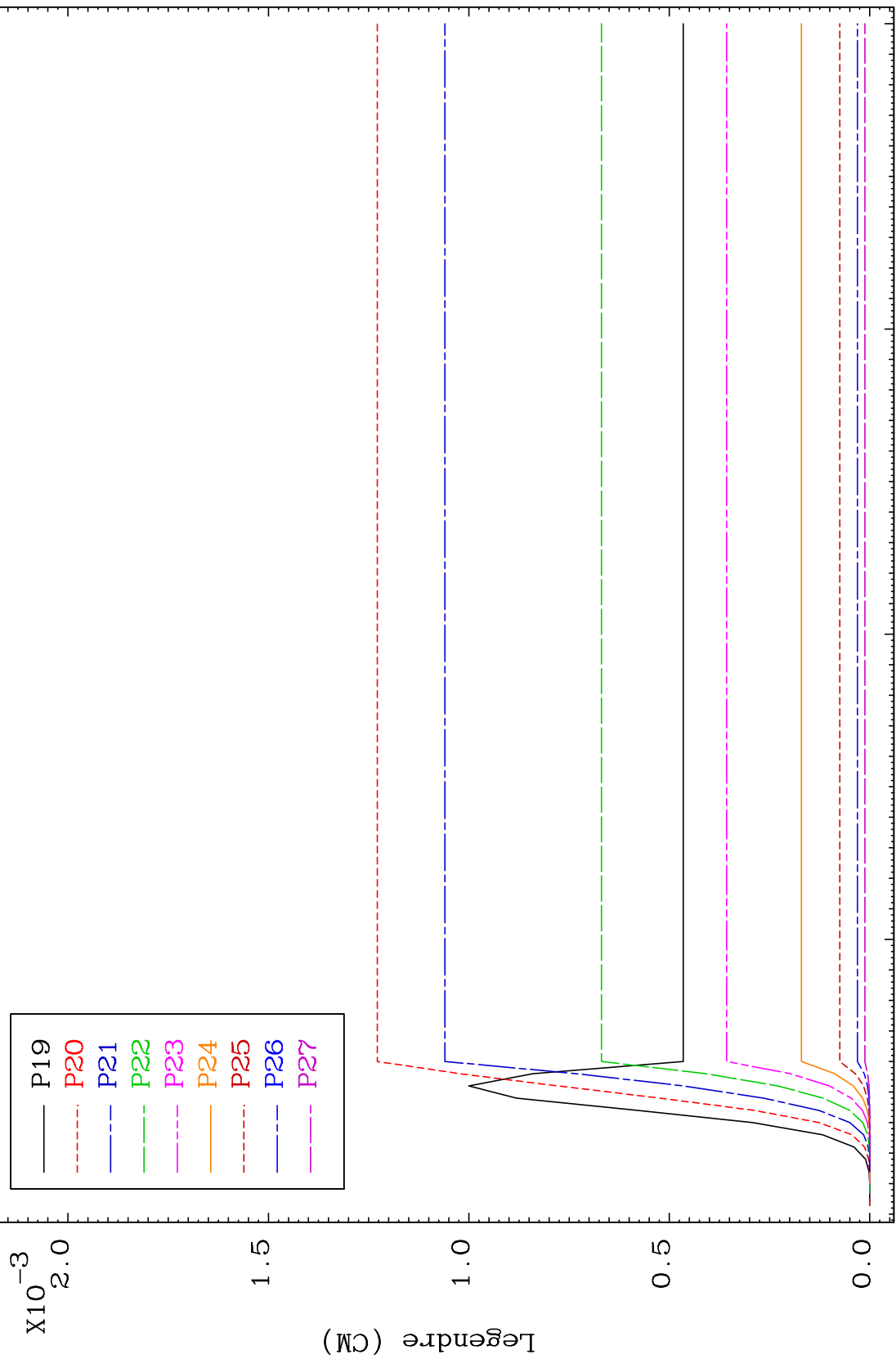
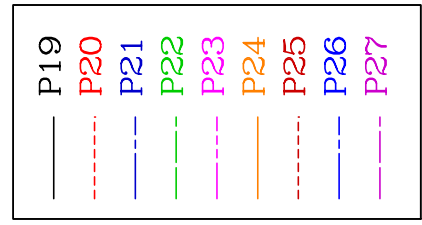
Incident Energy (MeV)

105

MAT 6146

532.2 keV (n,n') Level  
Legendre Coefficients

61-Pm-146



106

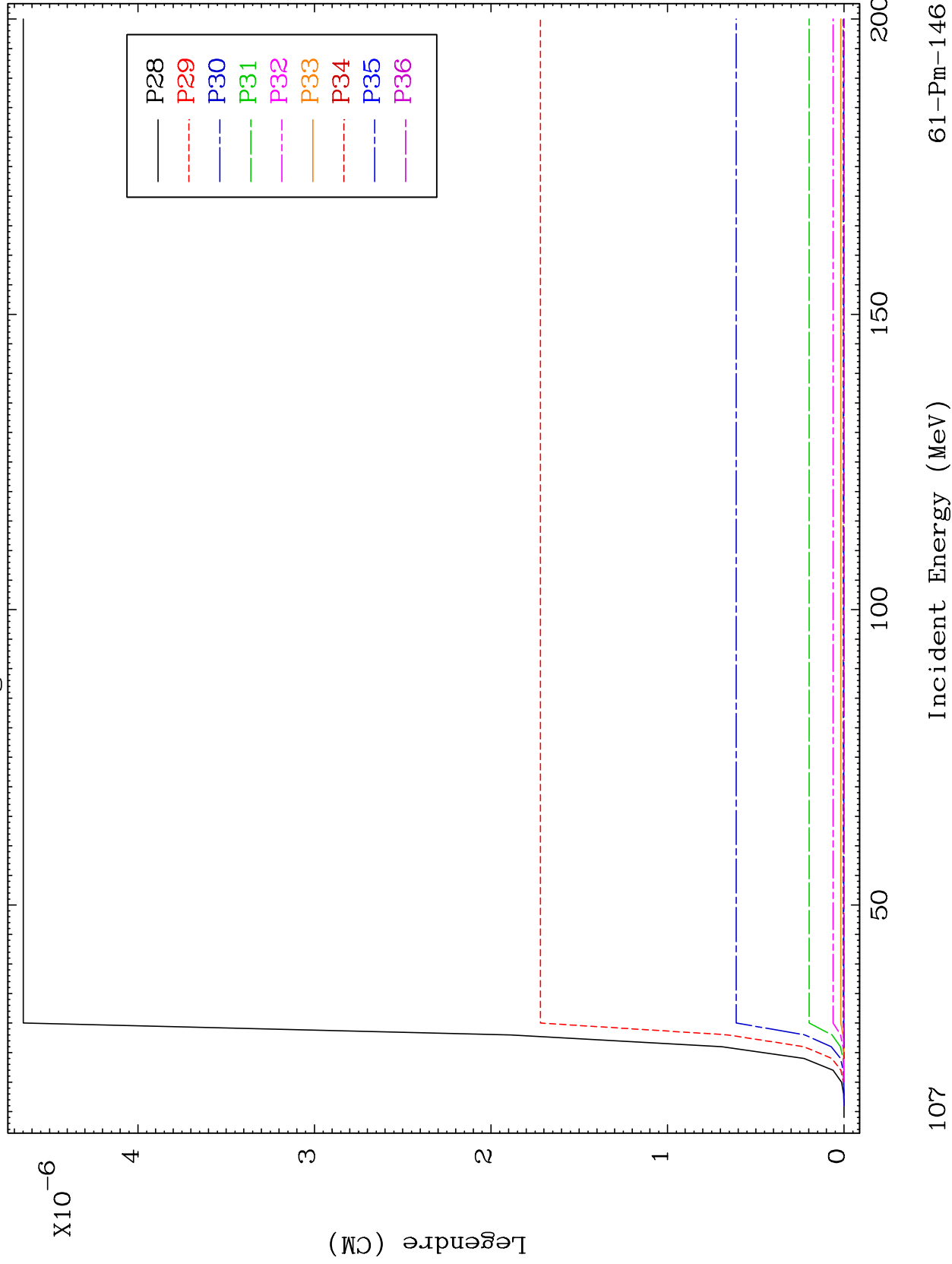
Incident Energy (MeV)

61-Pm-146

MAT 6146

532.2 keV (n,n') Level  
Legendre Coefficients

61-Pm-146

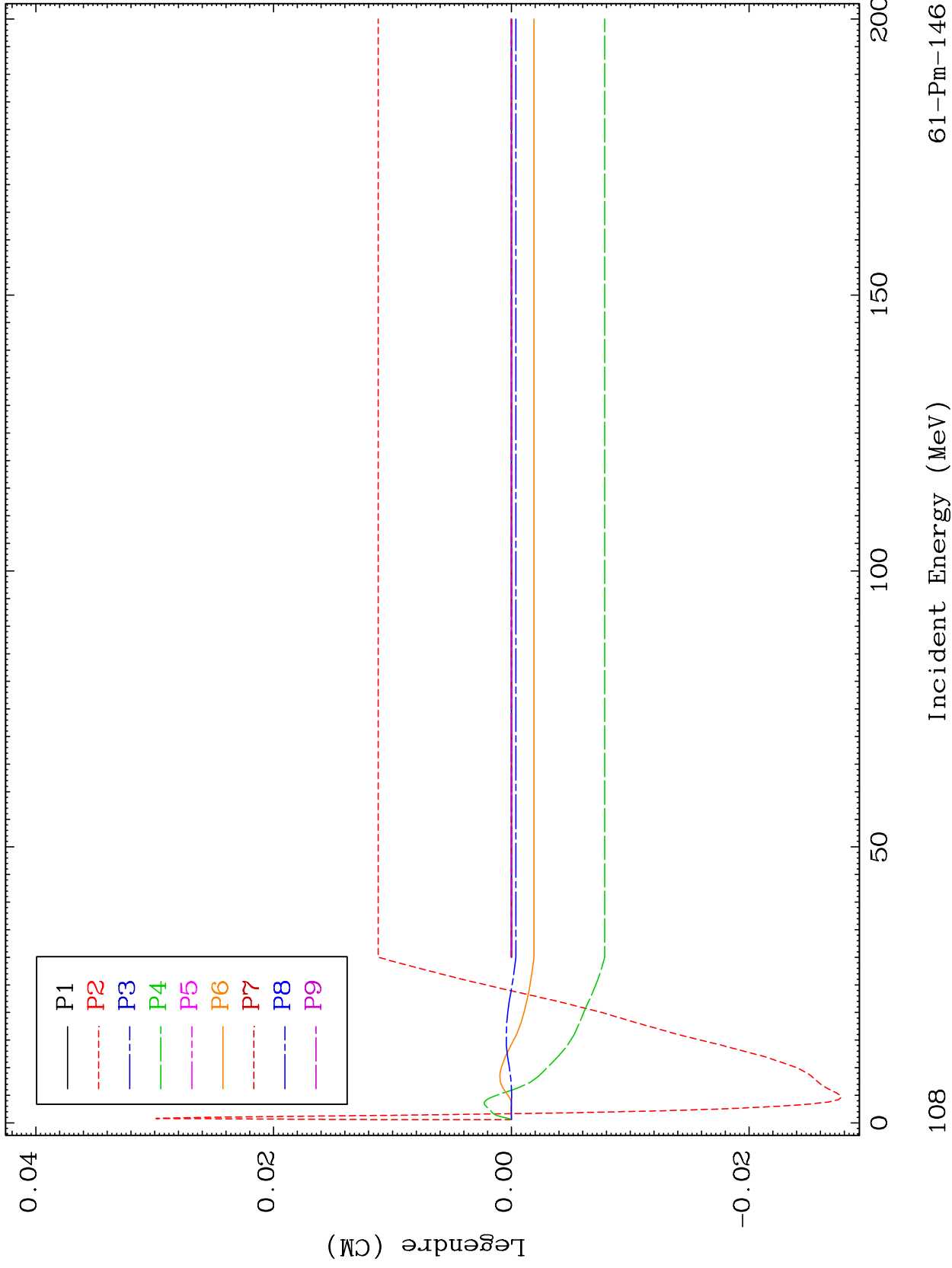


107

MAT 6146

564.4 keV (n,n') Level  
Legendre Coefficients

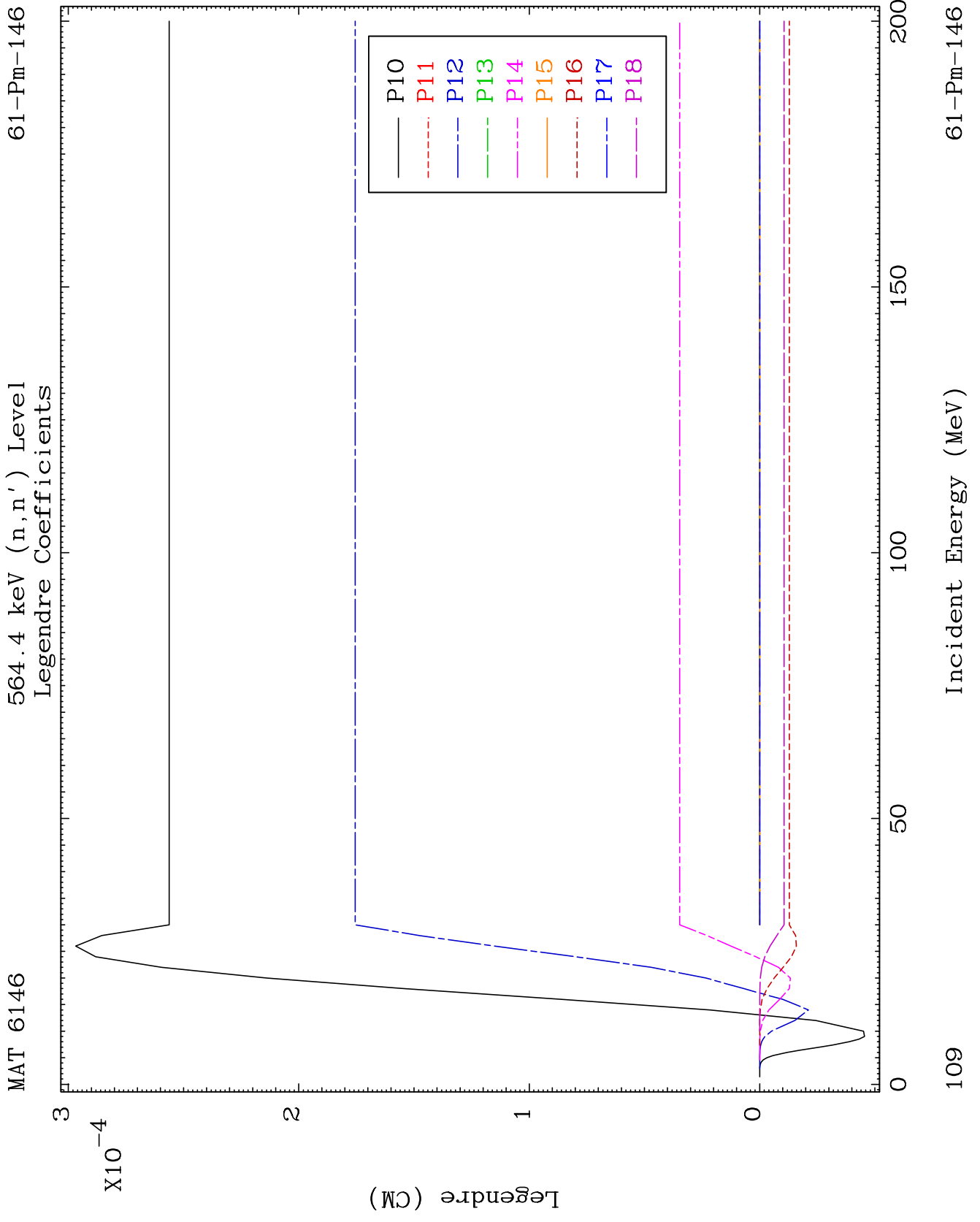
61-Pm-146

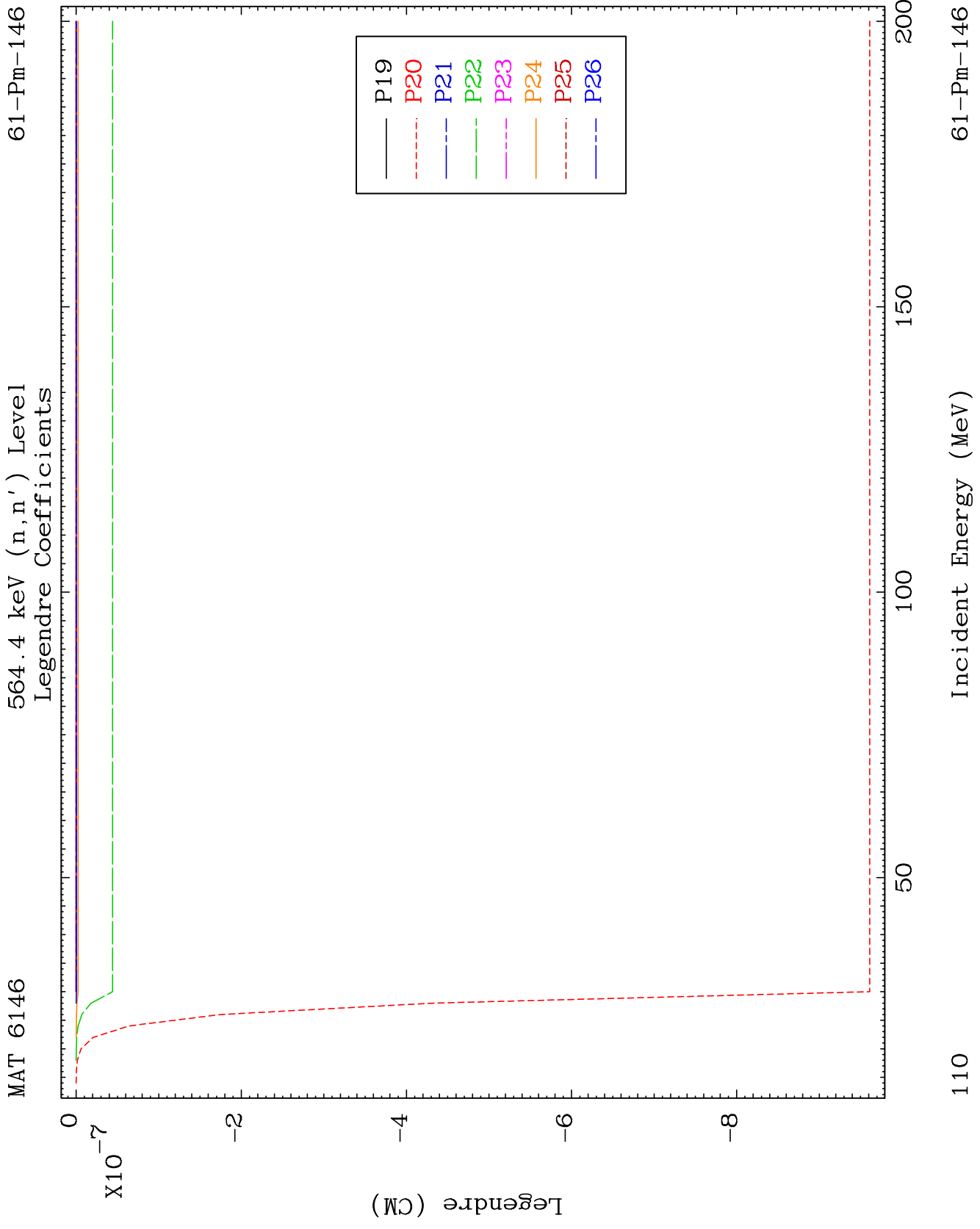


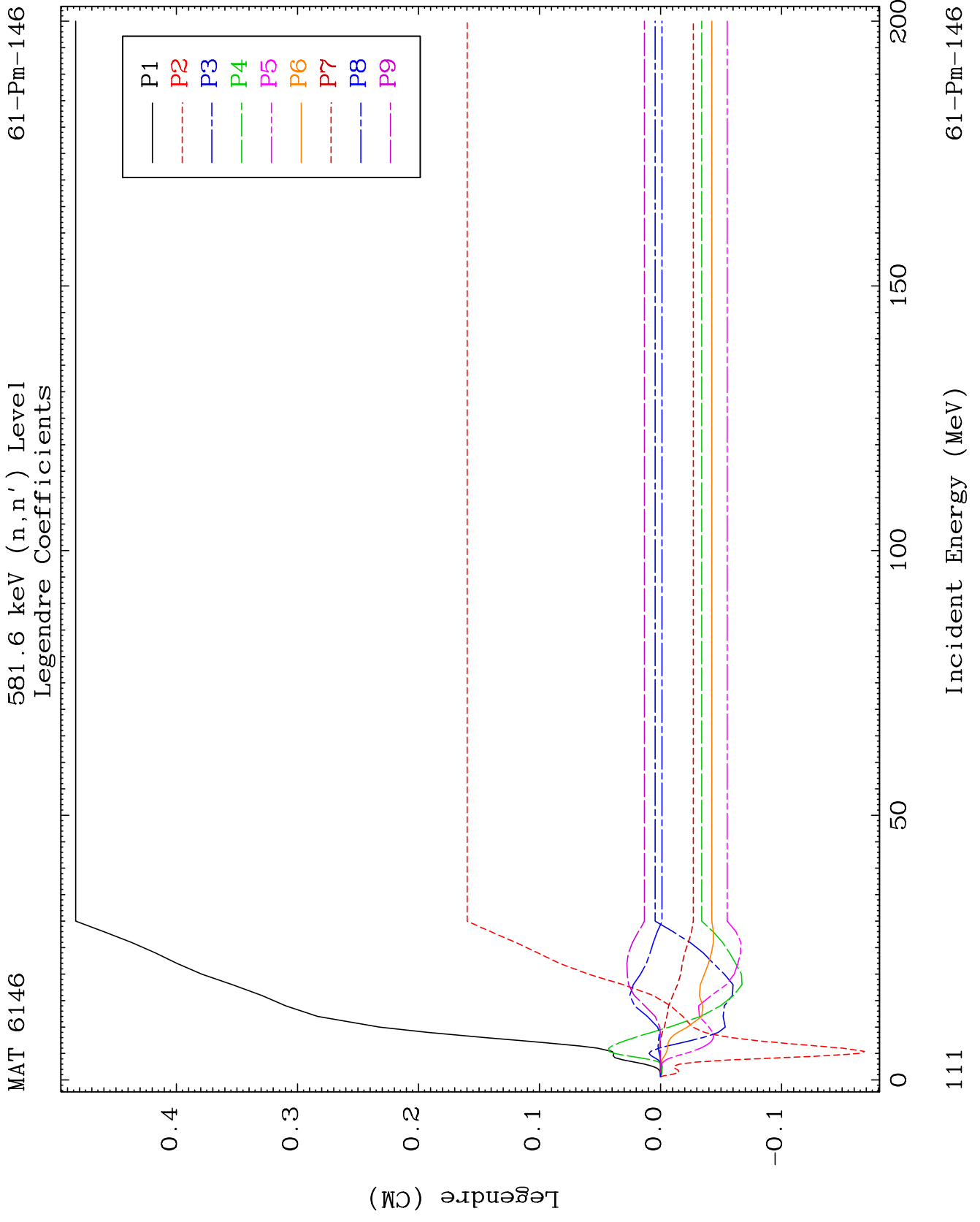
61-Pm-146

Incident Energy (MeV)

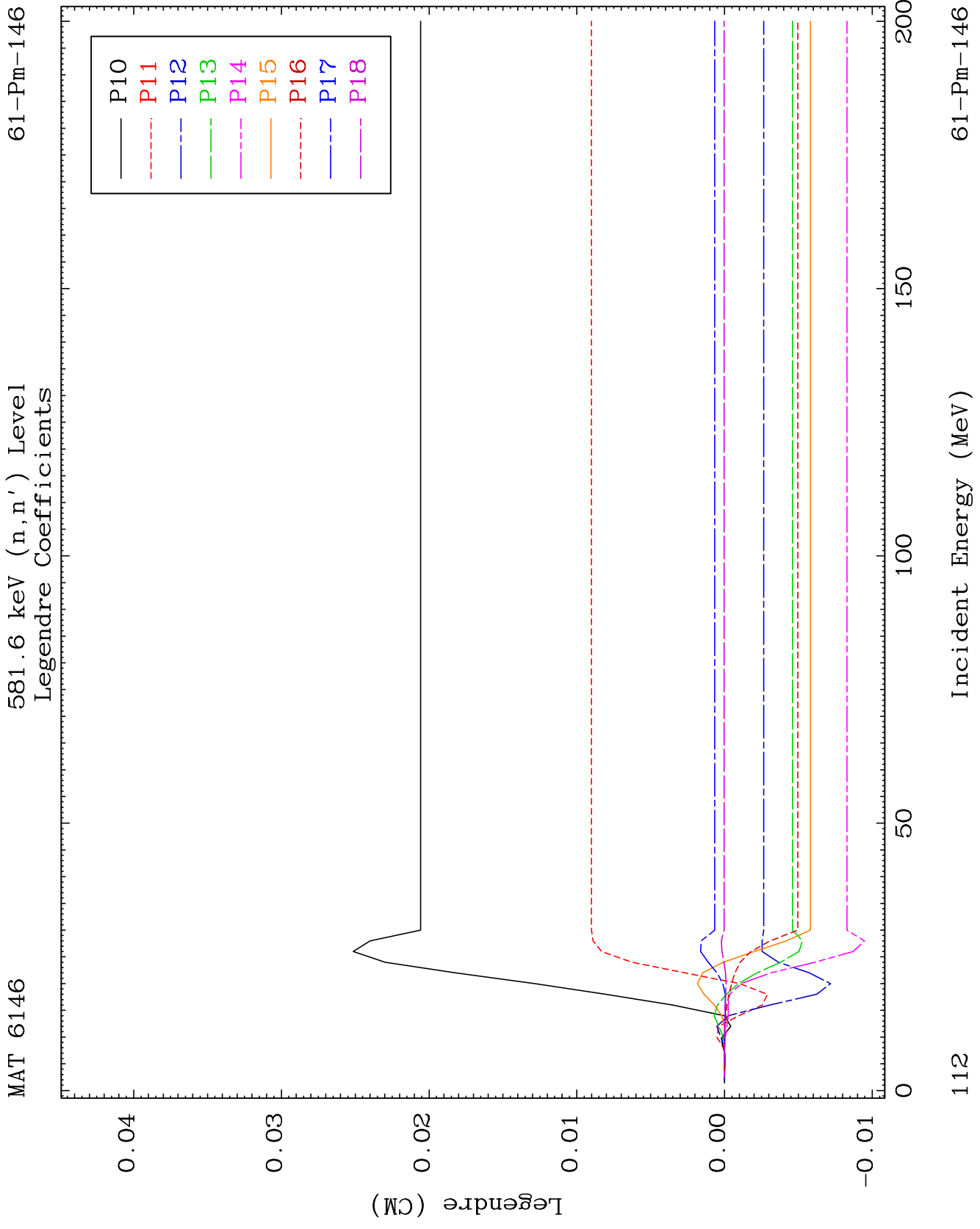
108







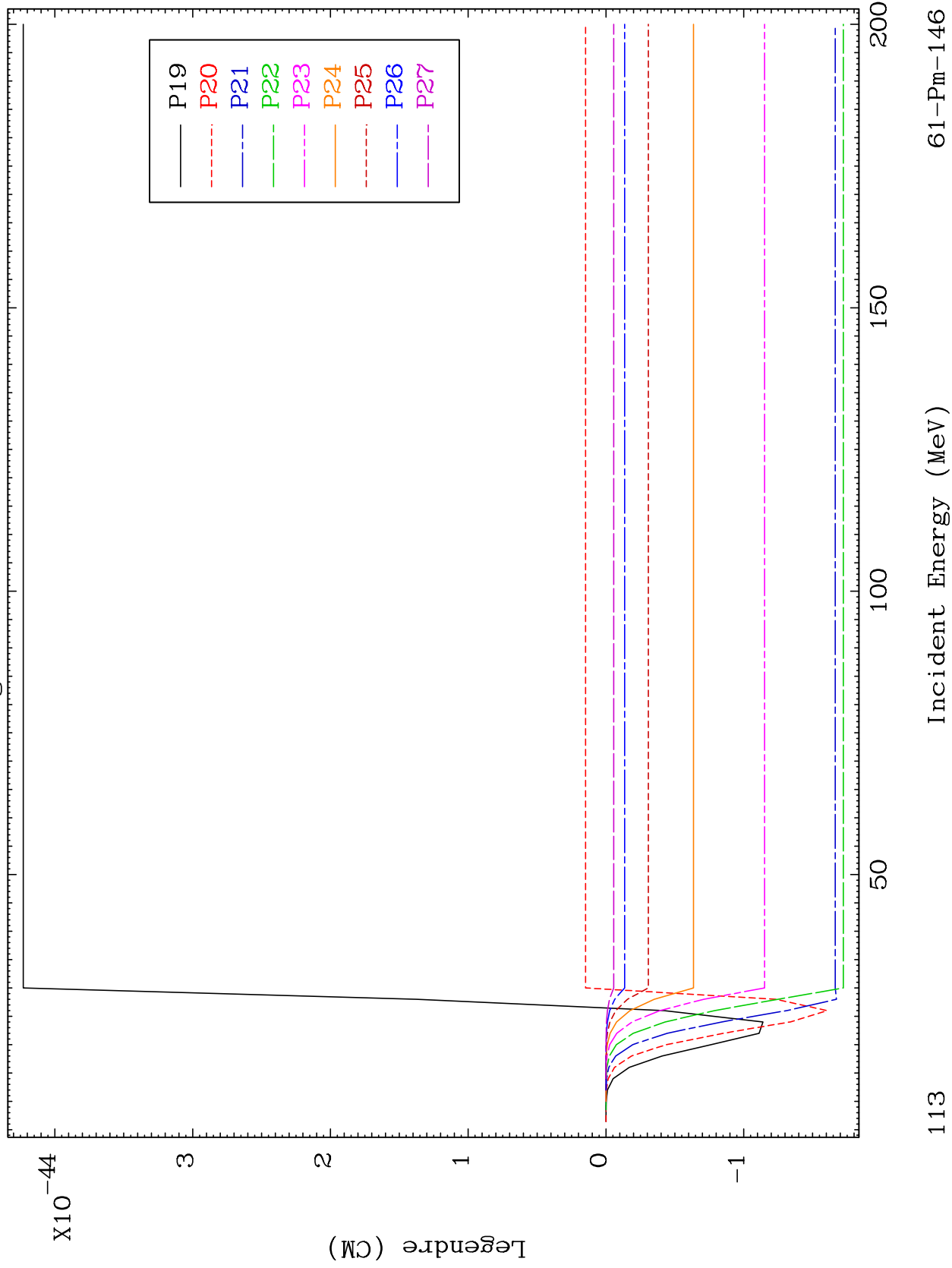




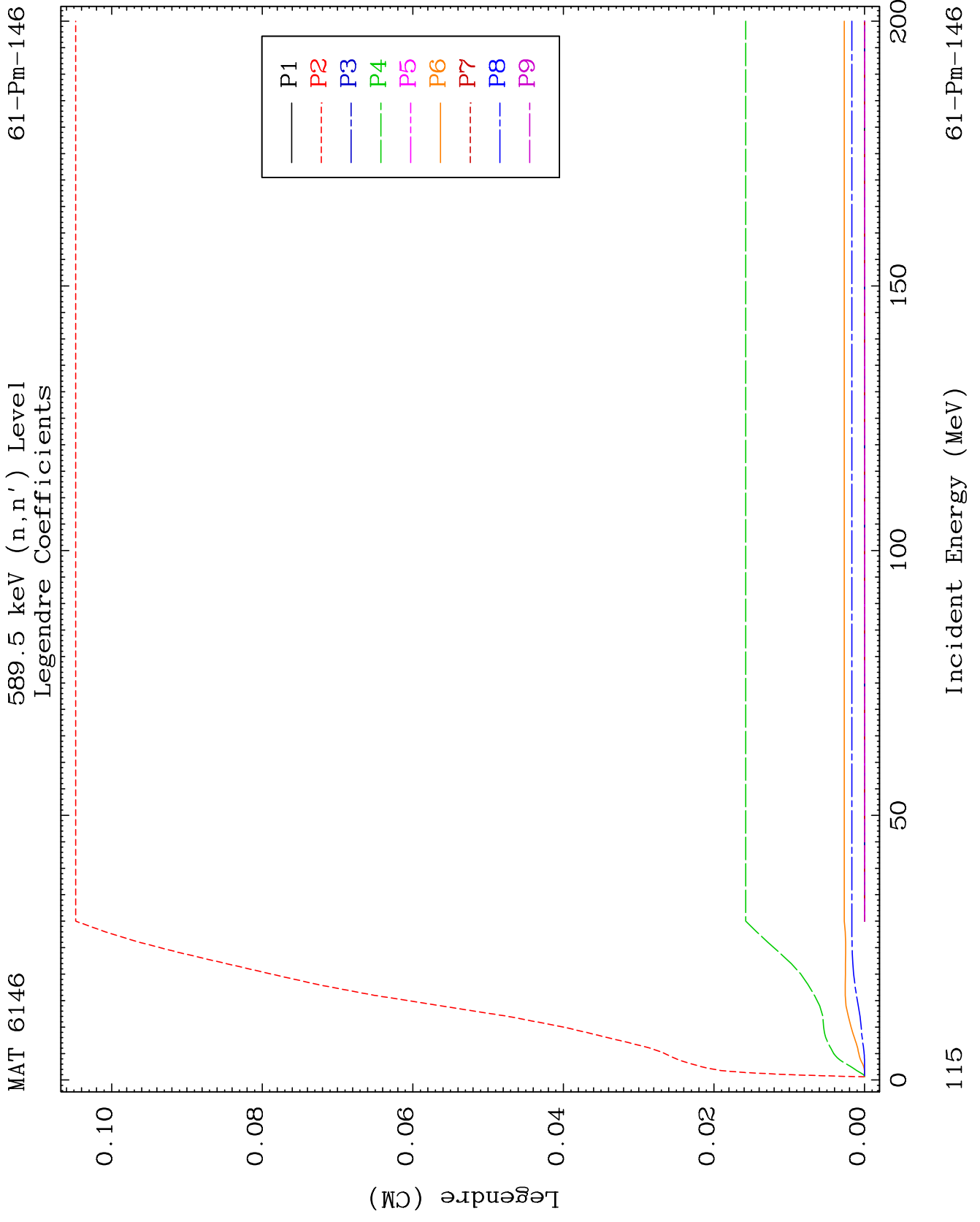
MAT 6146

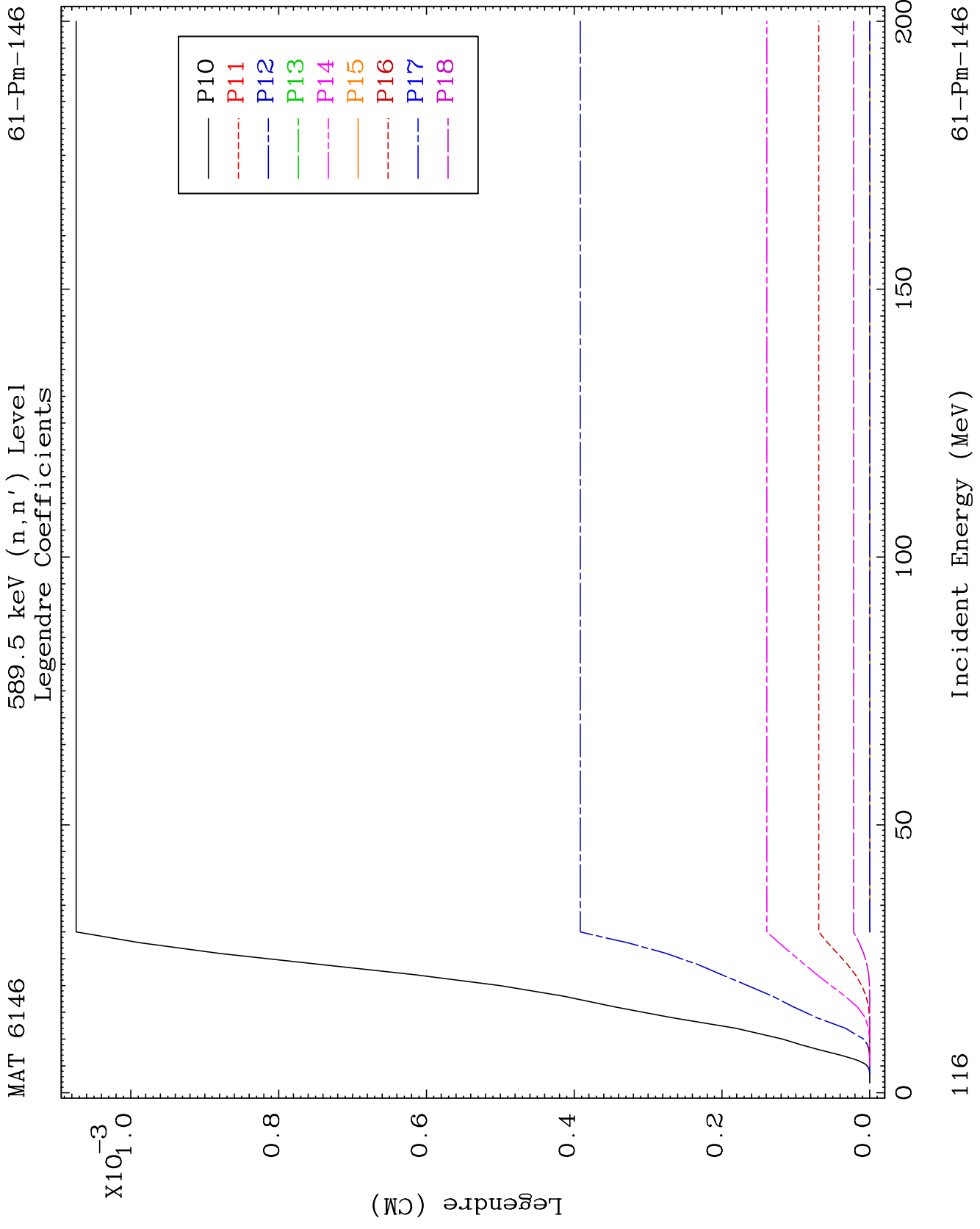
581.6 keV (n, n') Level  
Legendre Coefficients

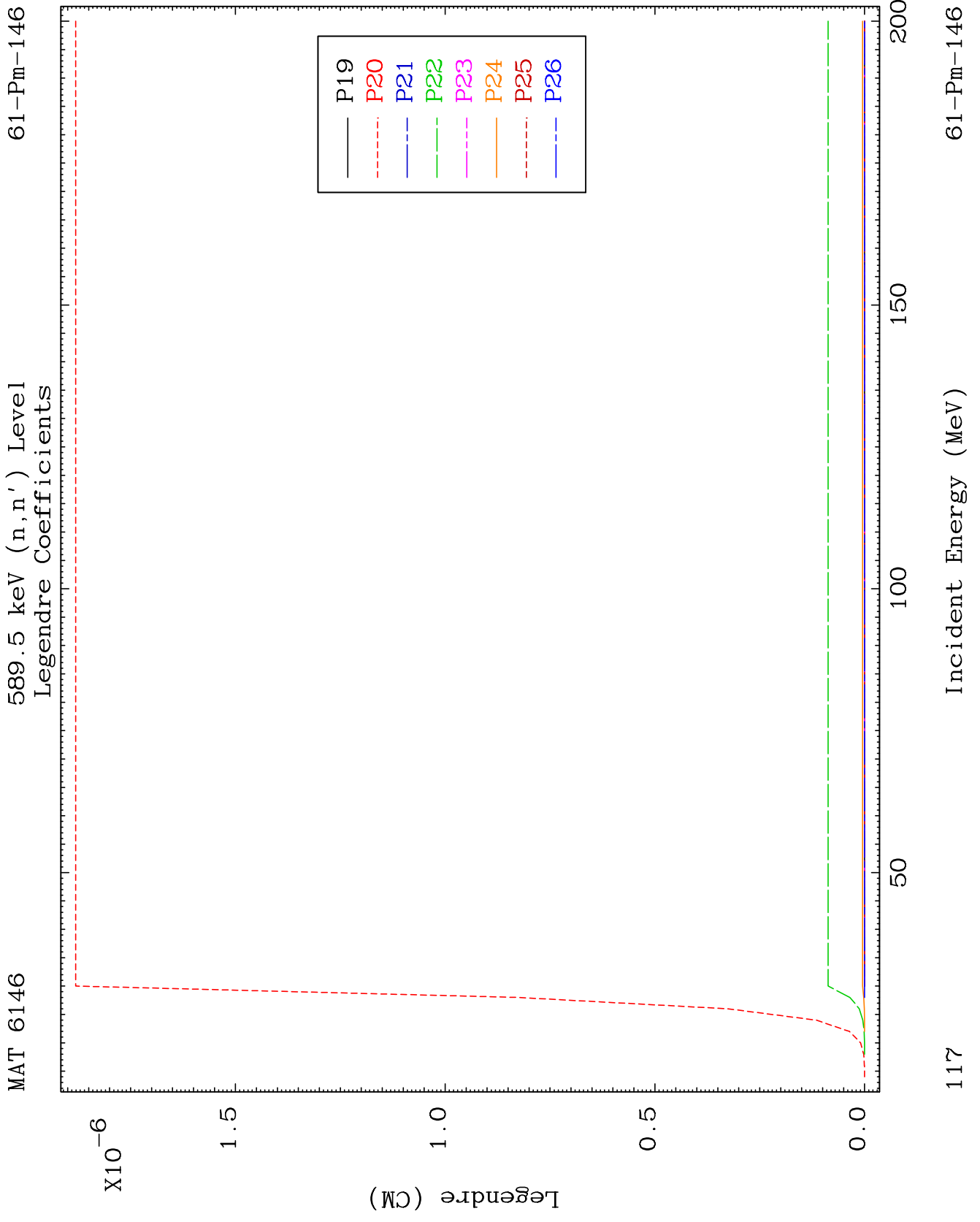
61-Pm-146



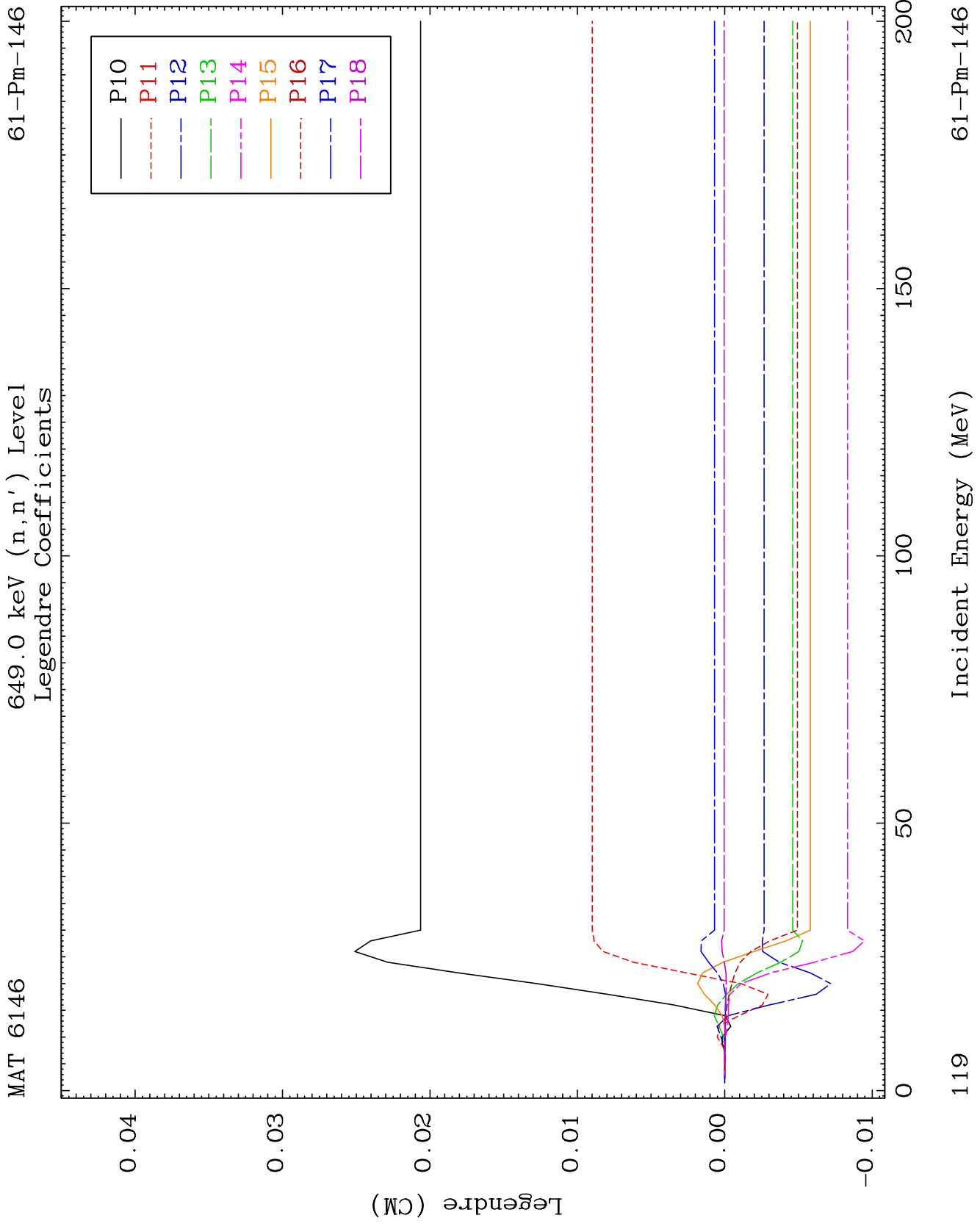










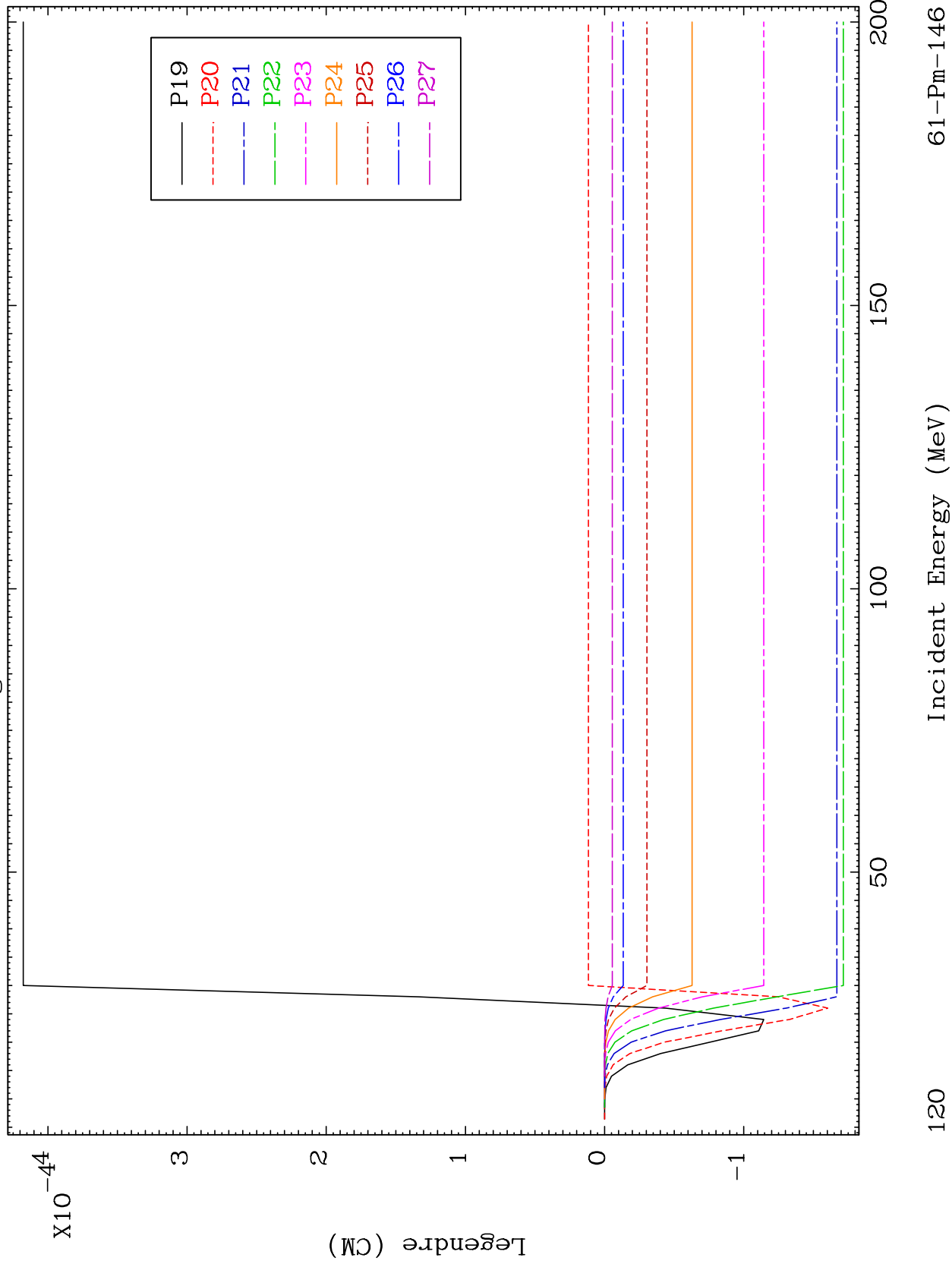




MAT 6146

649.0 keV (n,n') Level  
Legendre Coefficients

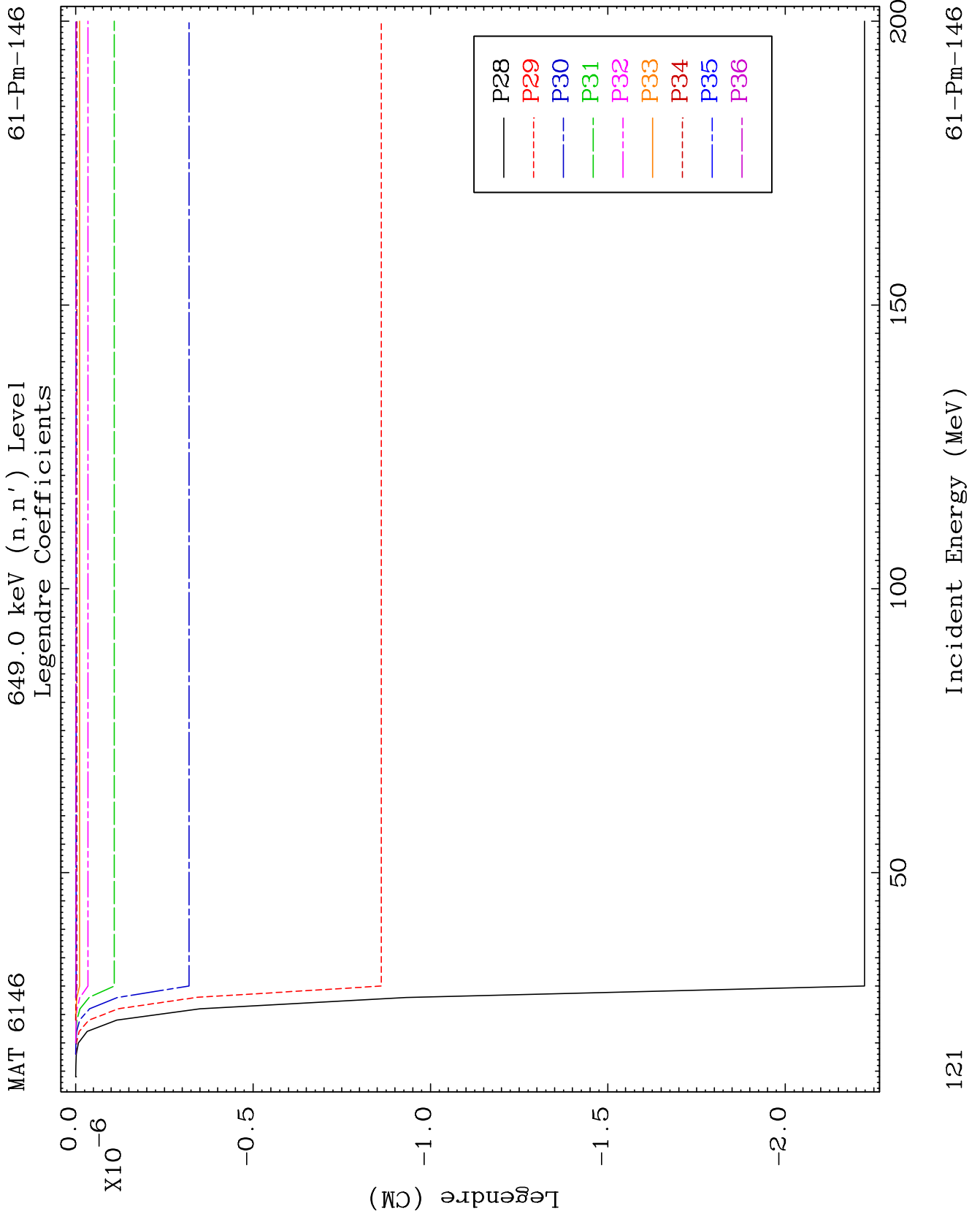
61-Pm-146



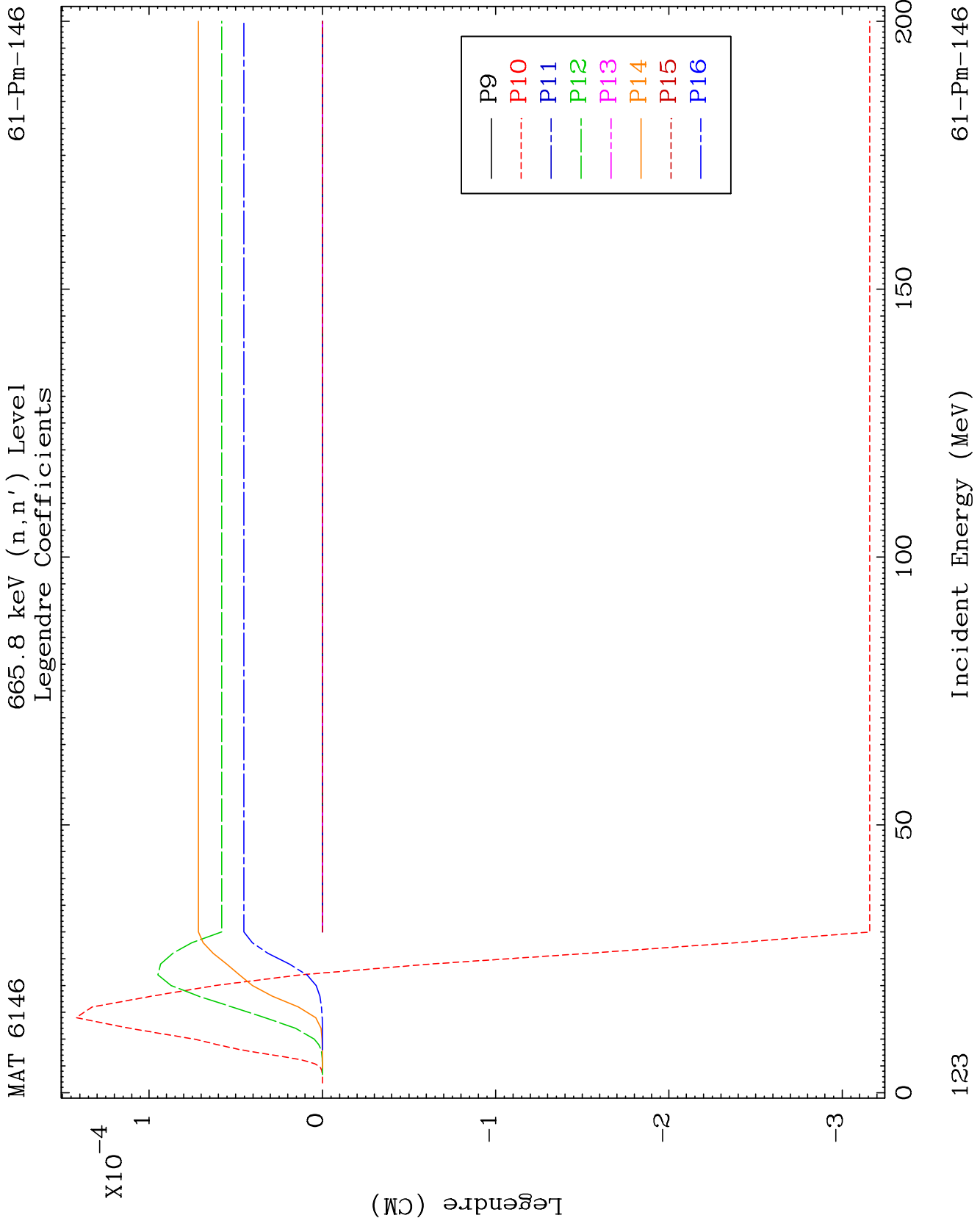
120

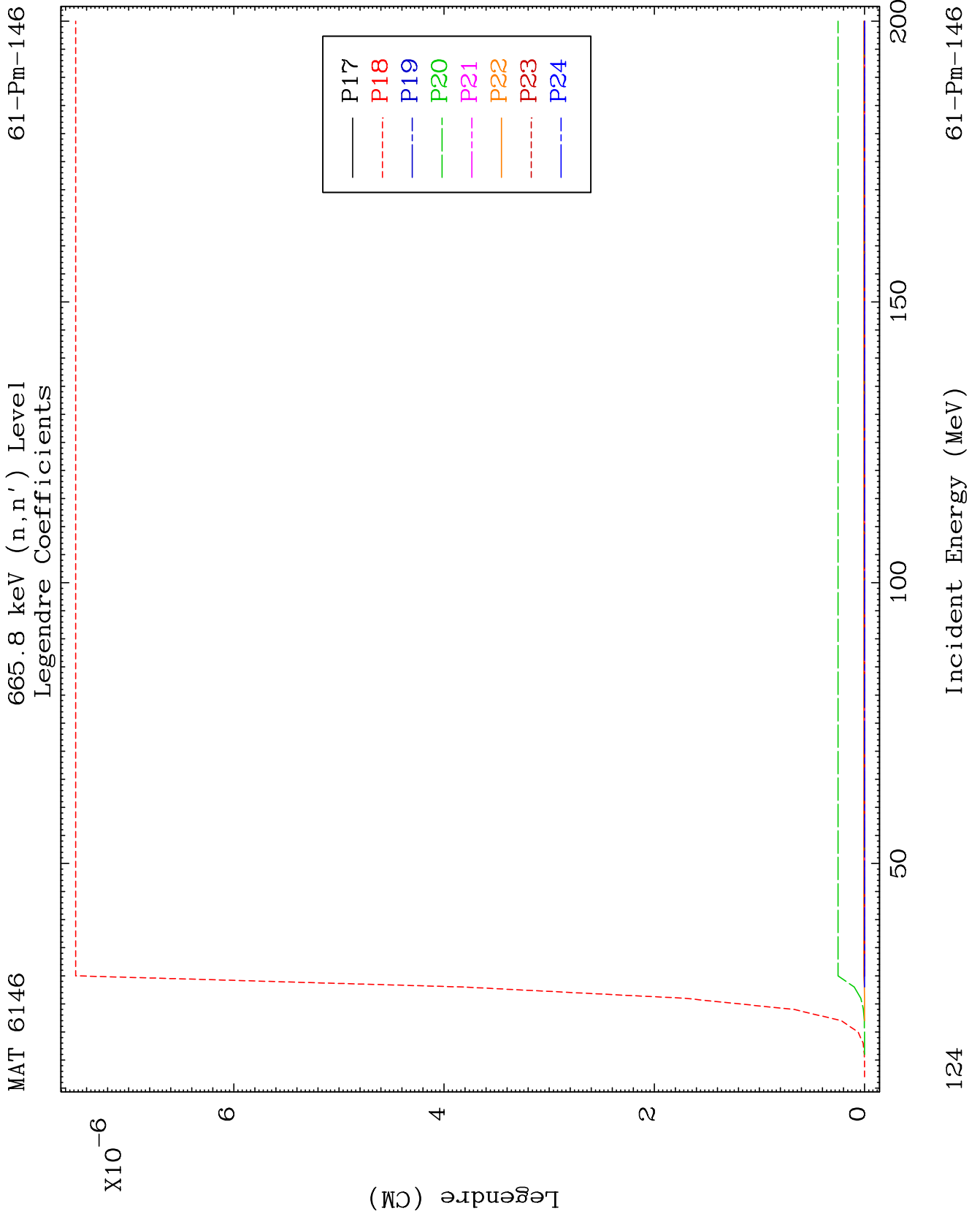
Incident Energy (MeV)

61-Pm-146







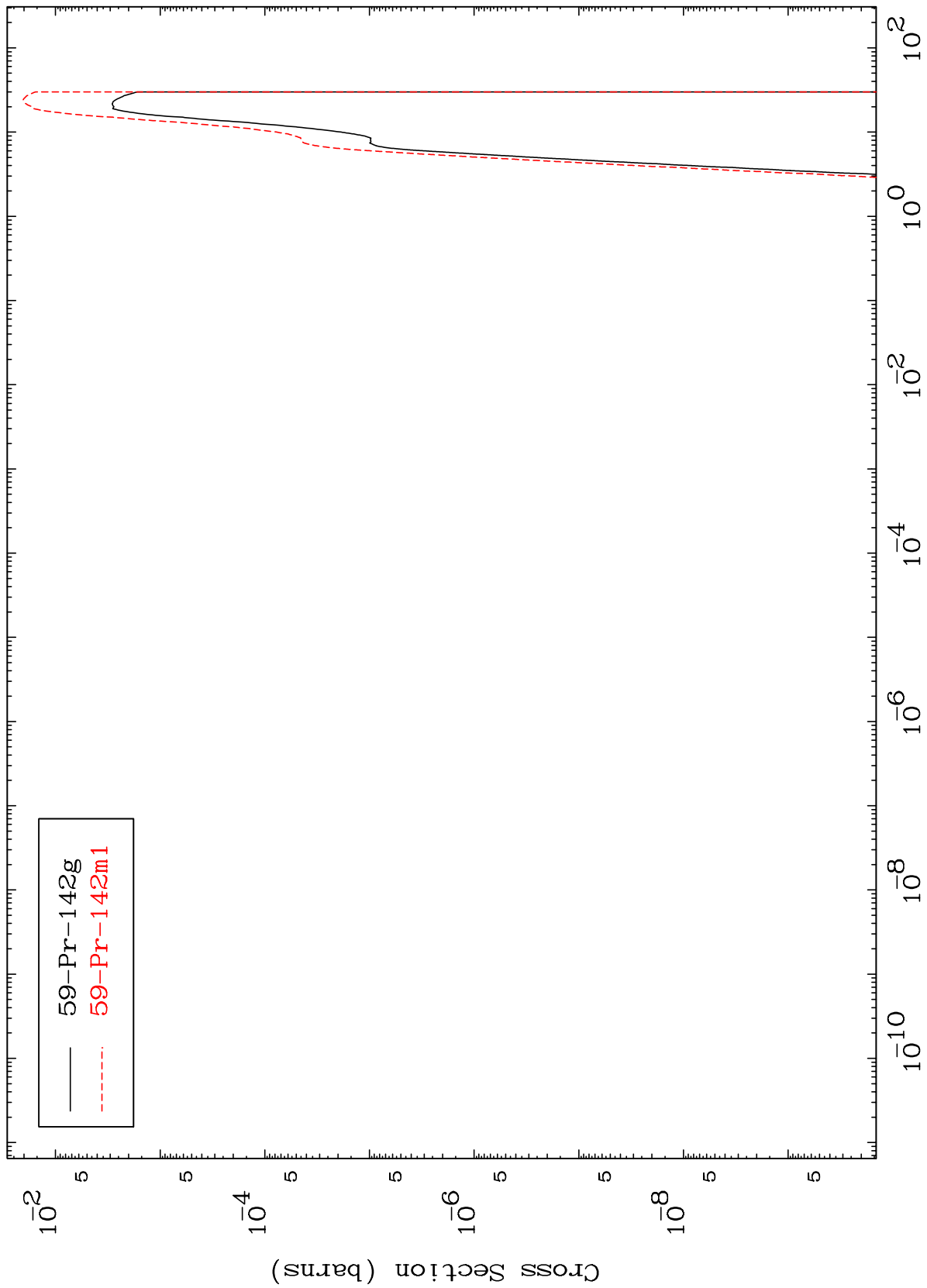


MAT 6146

$(n, n') \alpha$

61-Pm-146

Radionuclide Production Cross Section

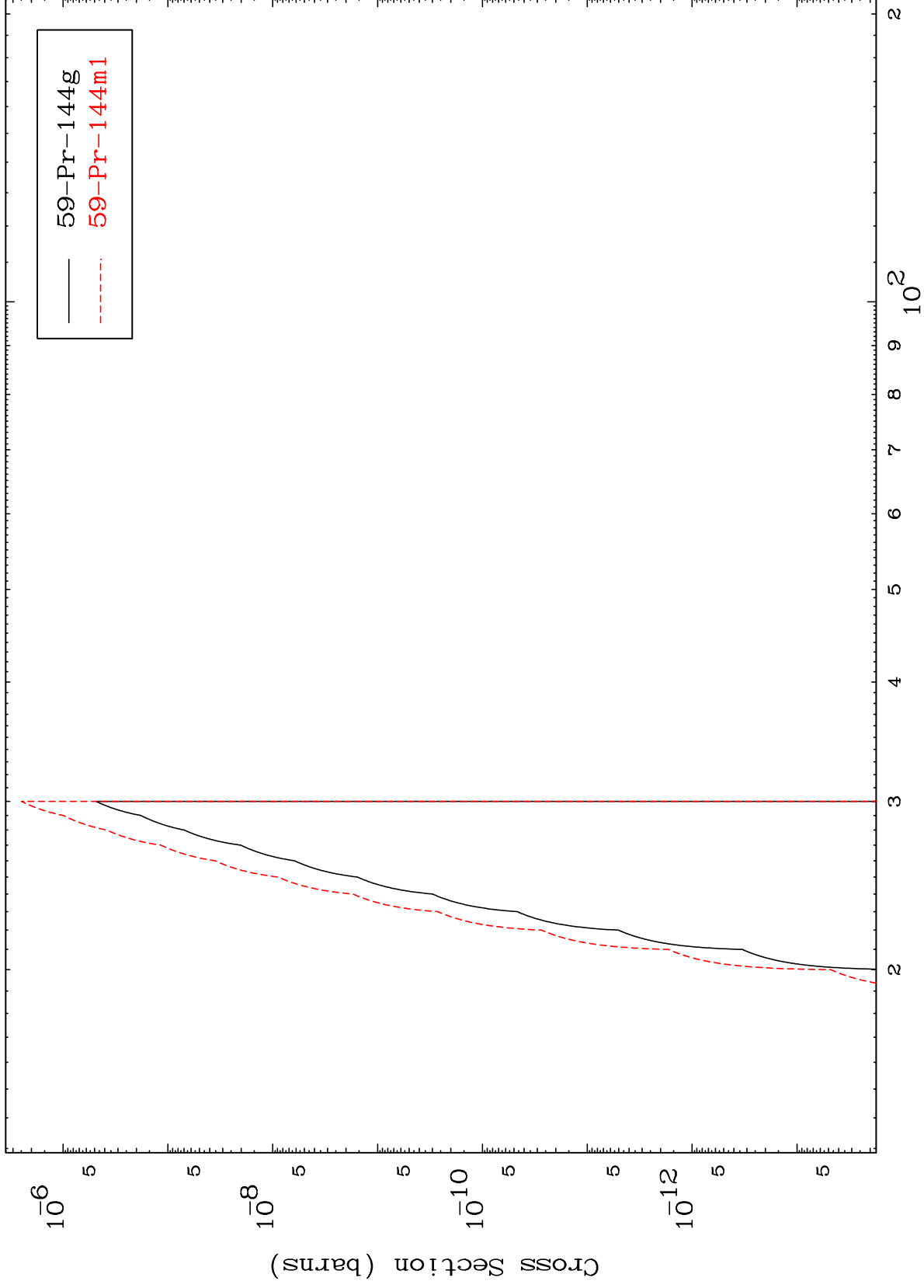


MAT 6146

(n,2n) p

61-Pm-146

Radionuclide Production Cross Section



126

Incident Energy (MeV)

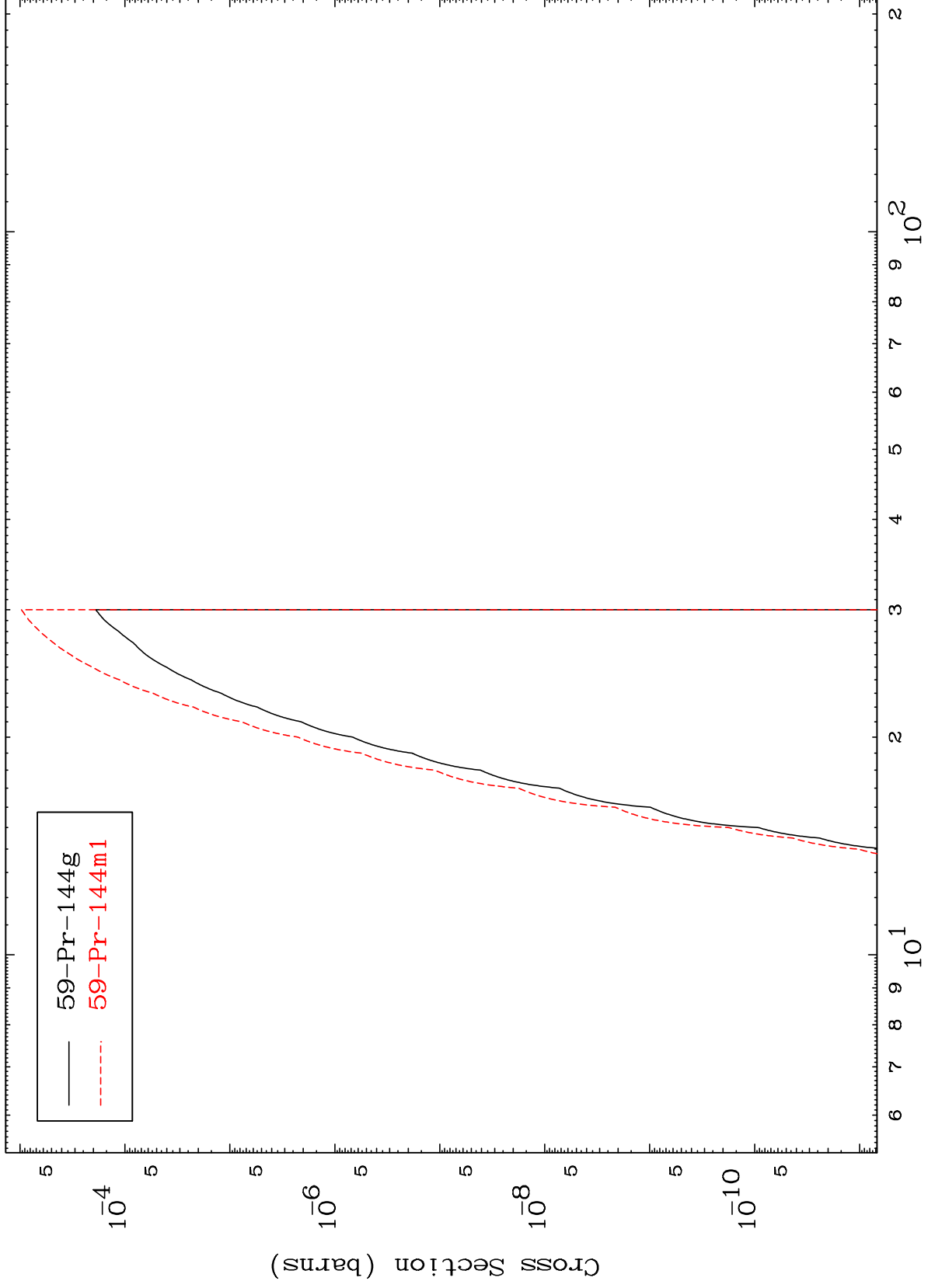
61-Pm-146

MAT 6146

(n,He-3)

61-Pm-146

Radionuclide Production Cross Section



127

Incident Energy (MeV)

61-Pm-146



Radionuclide Production Cross Section

