

Program EVALPLOT  
(Version 2015-2)

by

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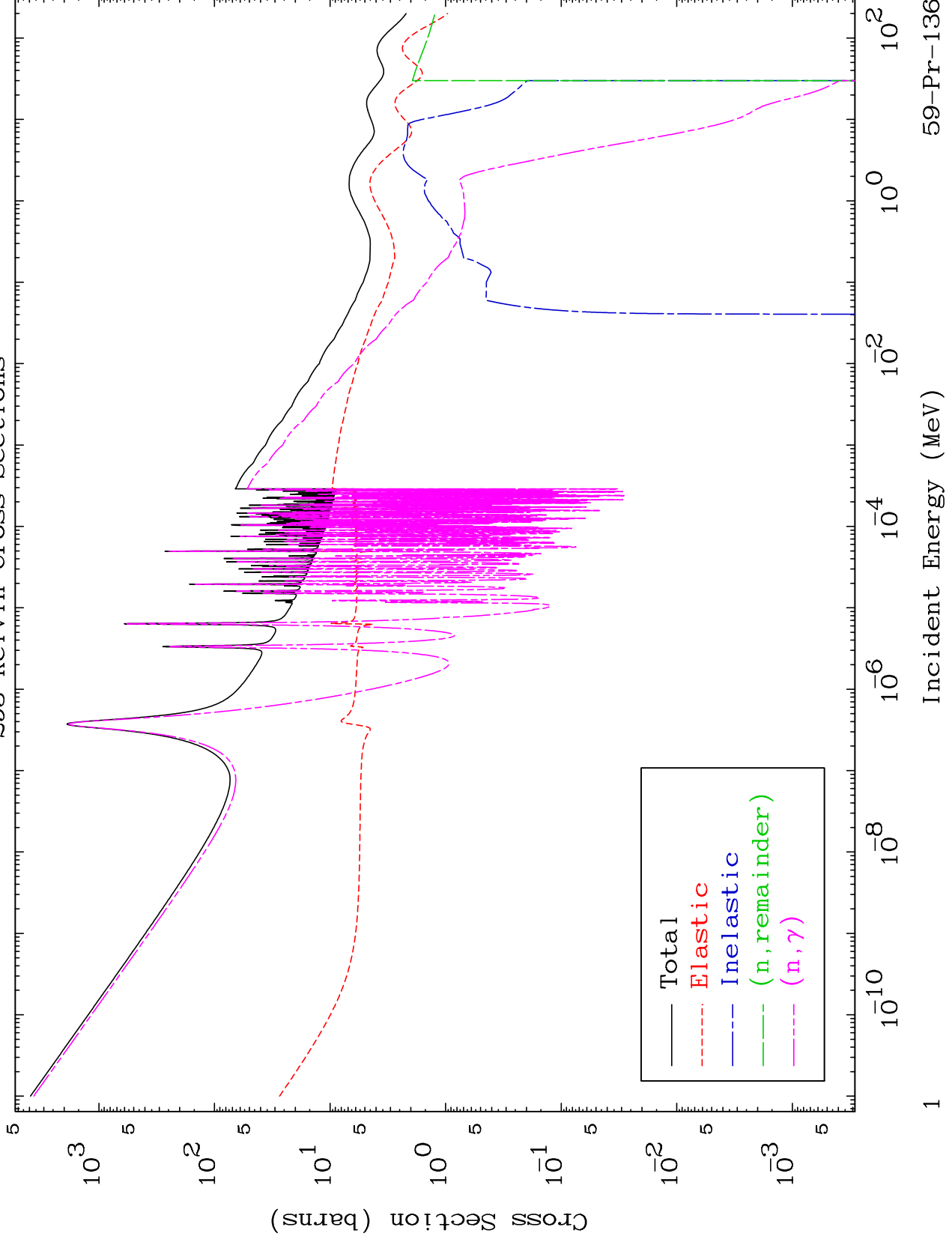
Press Mouse Button to Start

MAT 5910

Major

293 Kelvin Cross Sections

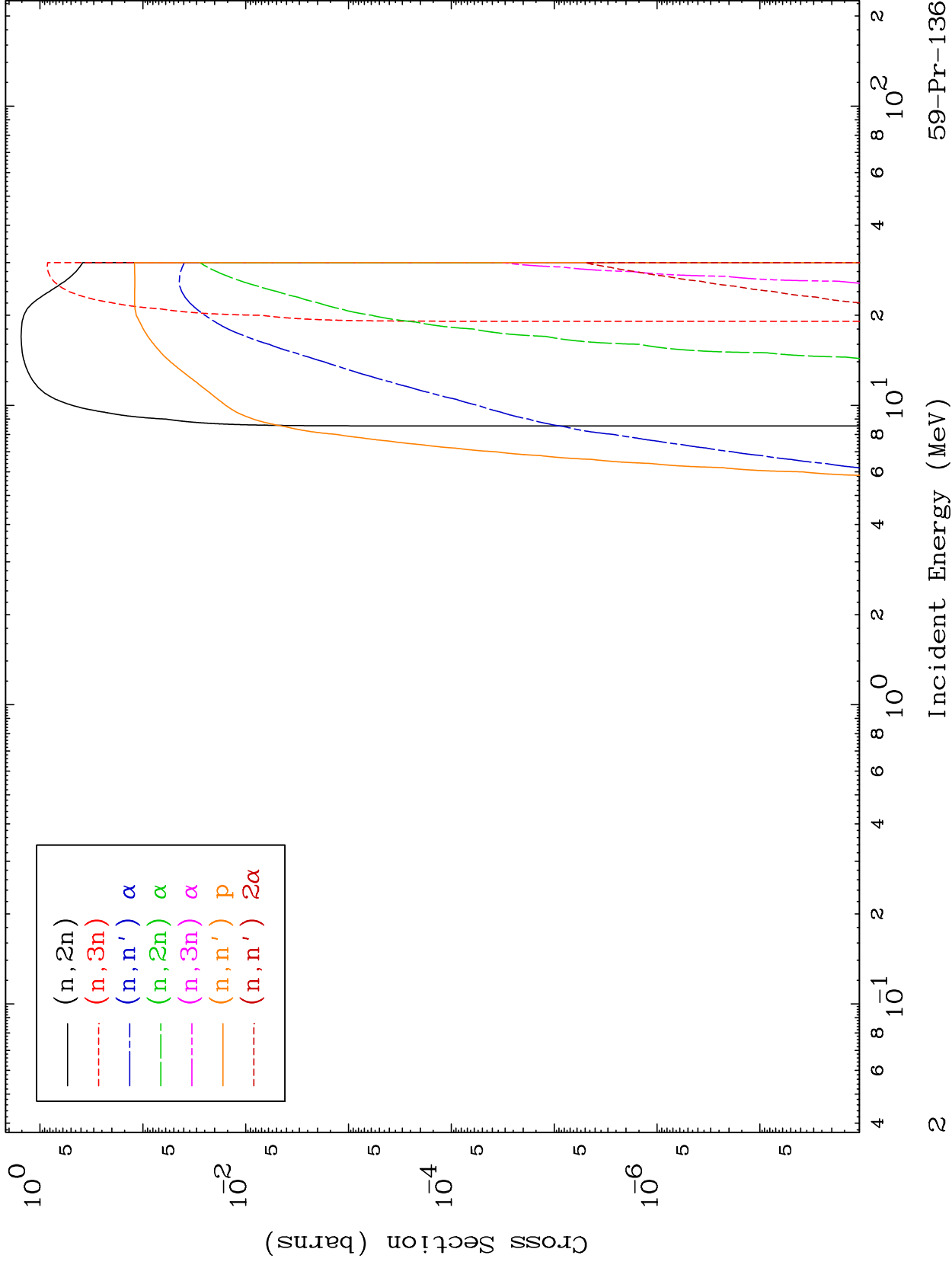
59-Pr-136

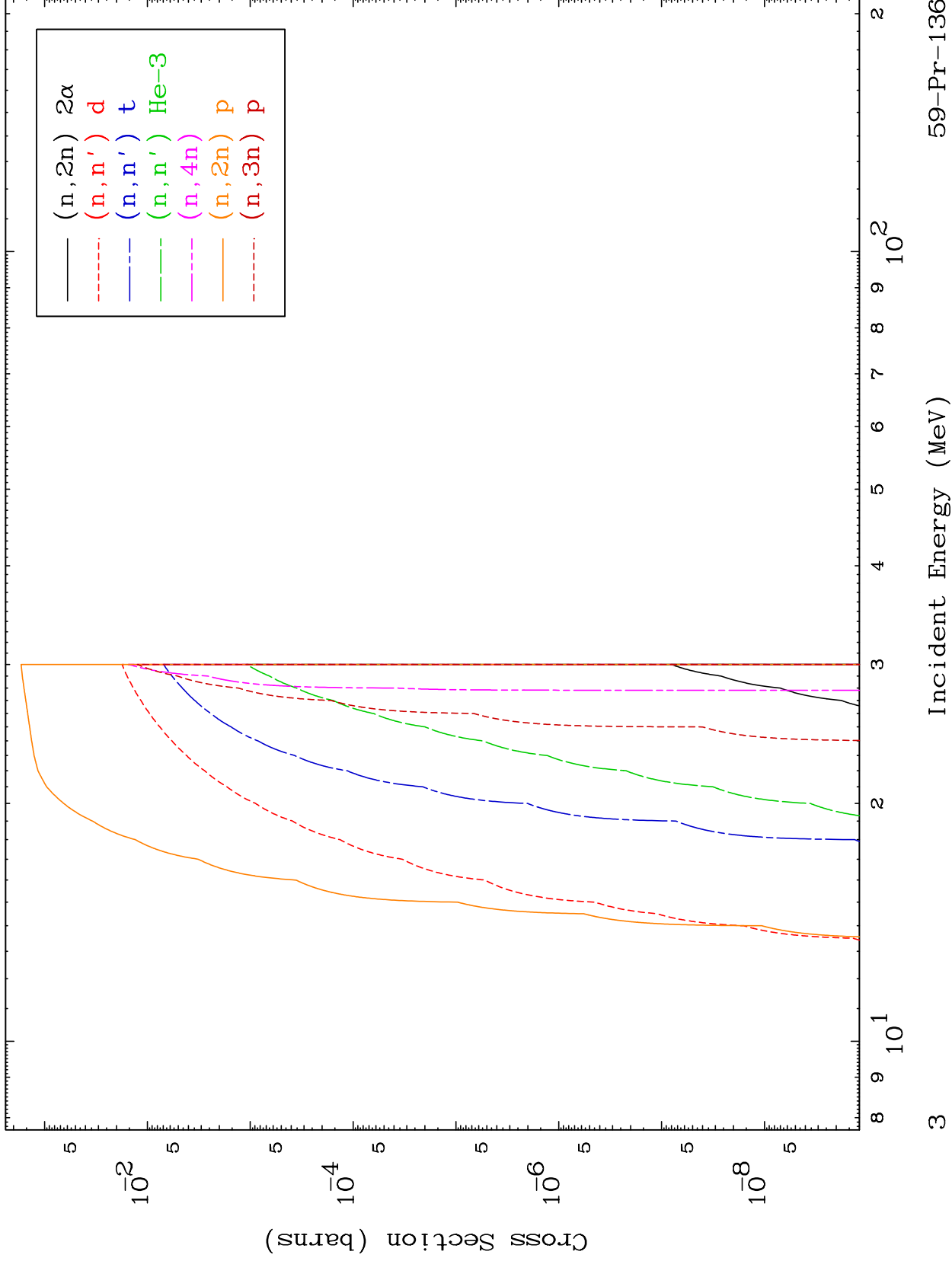


MAT 5910

Neutron Production  
293 Kelvin Cross Sections

59-Pr-136

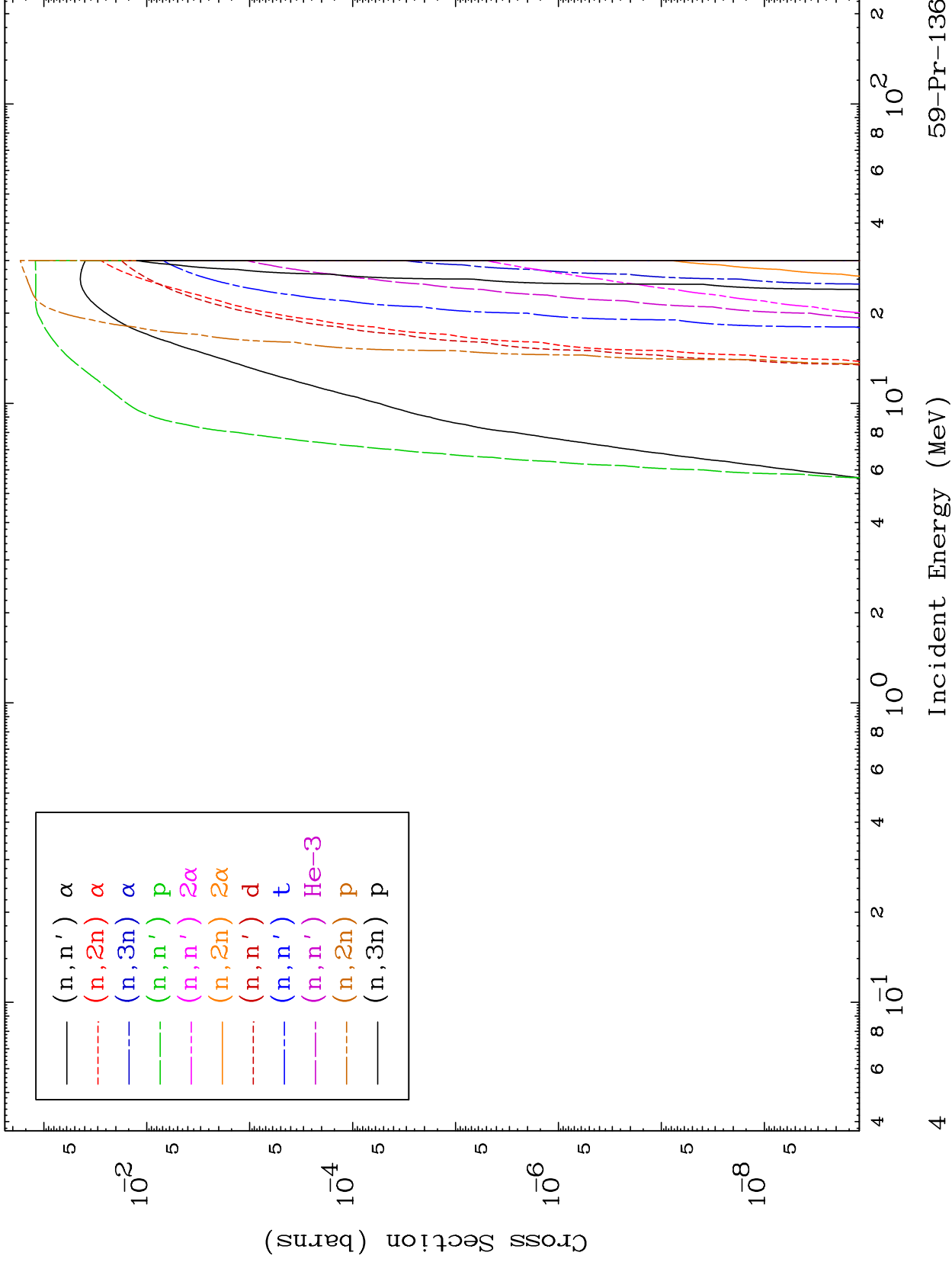




MAT 5910

Charged Particle  
293 Kelvin Cross Sections

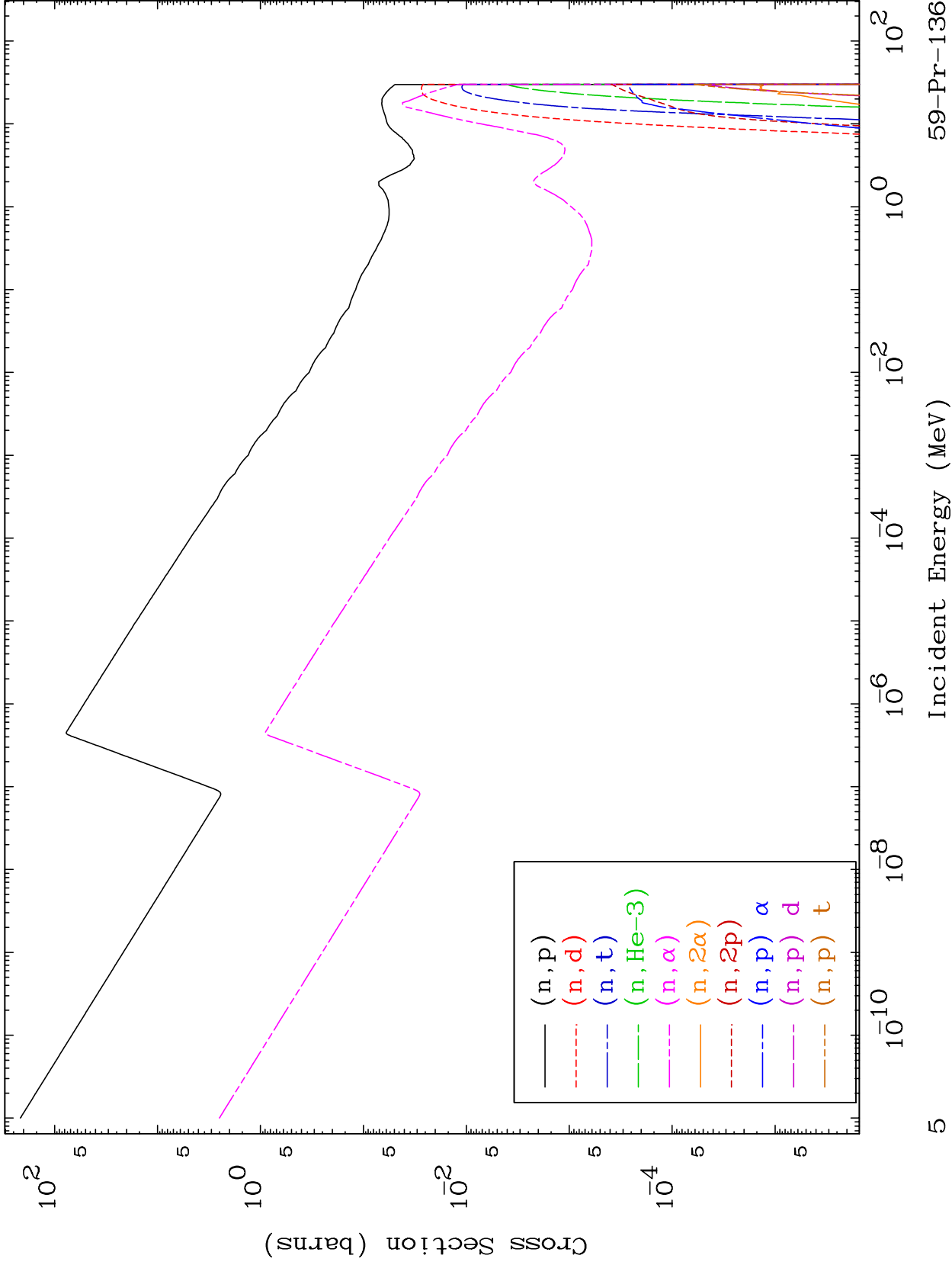
59-Pr-136

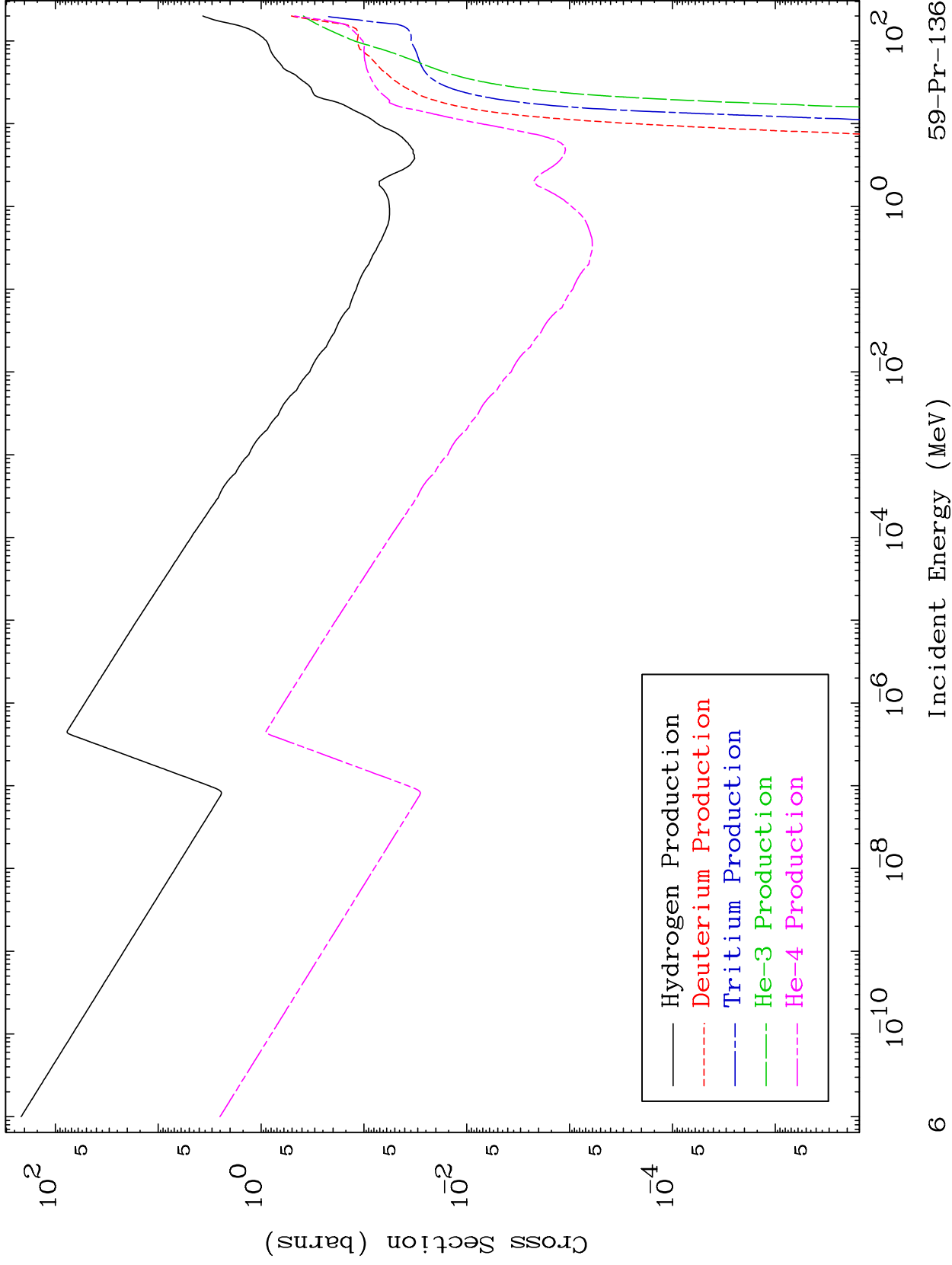


MAT 5910

Charged Particle  
293 Kelvin Cross Sections

59-Pr-136

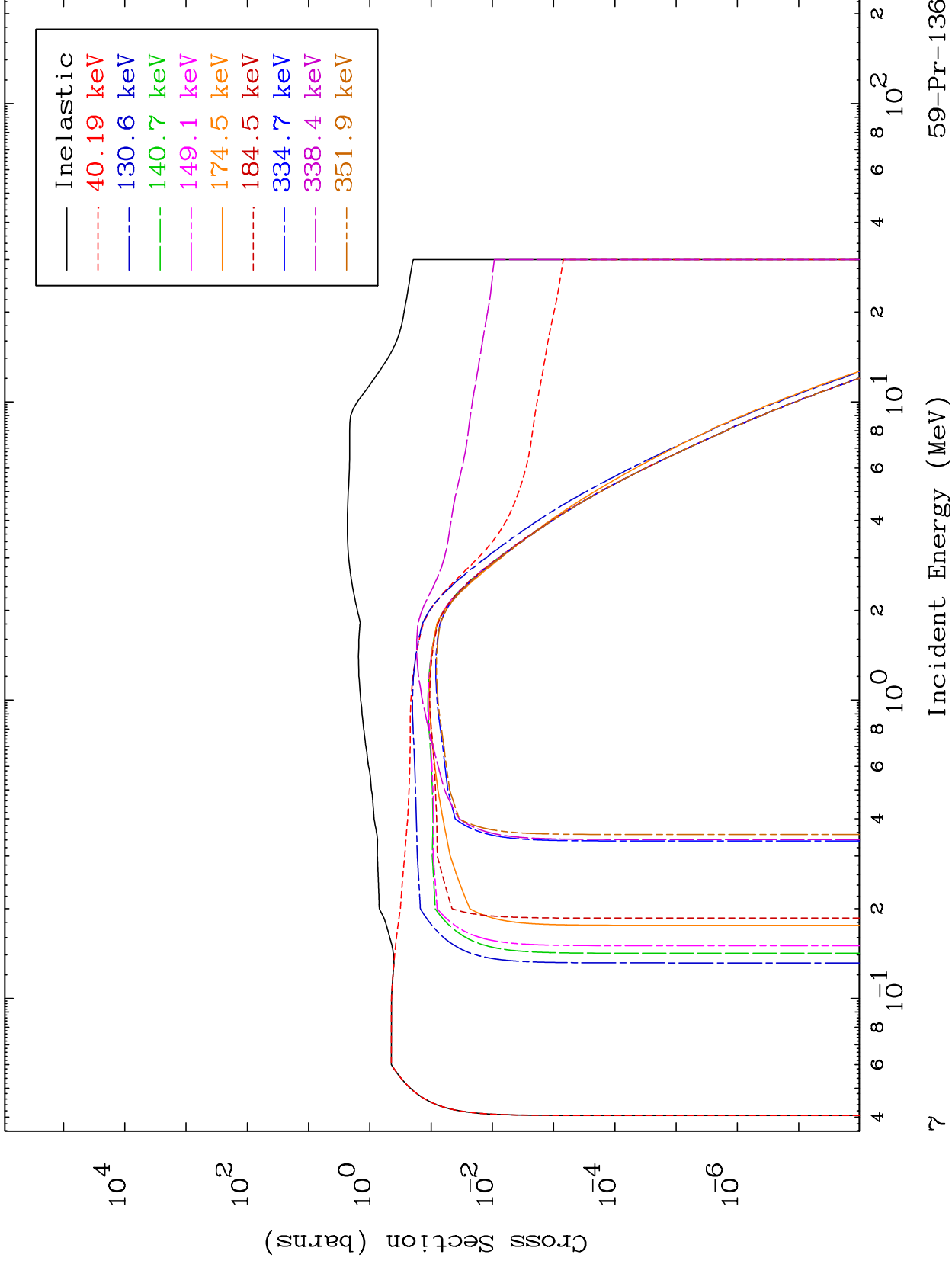




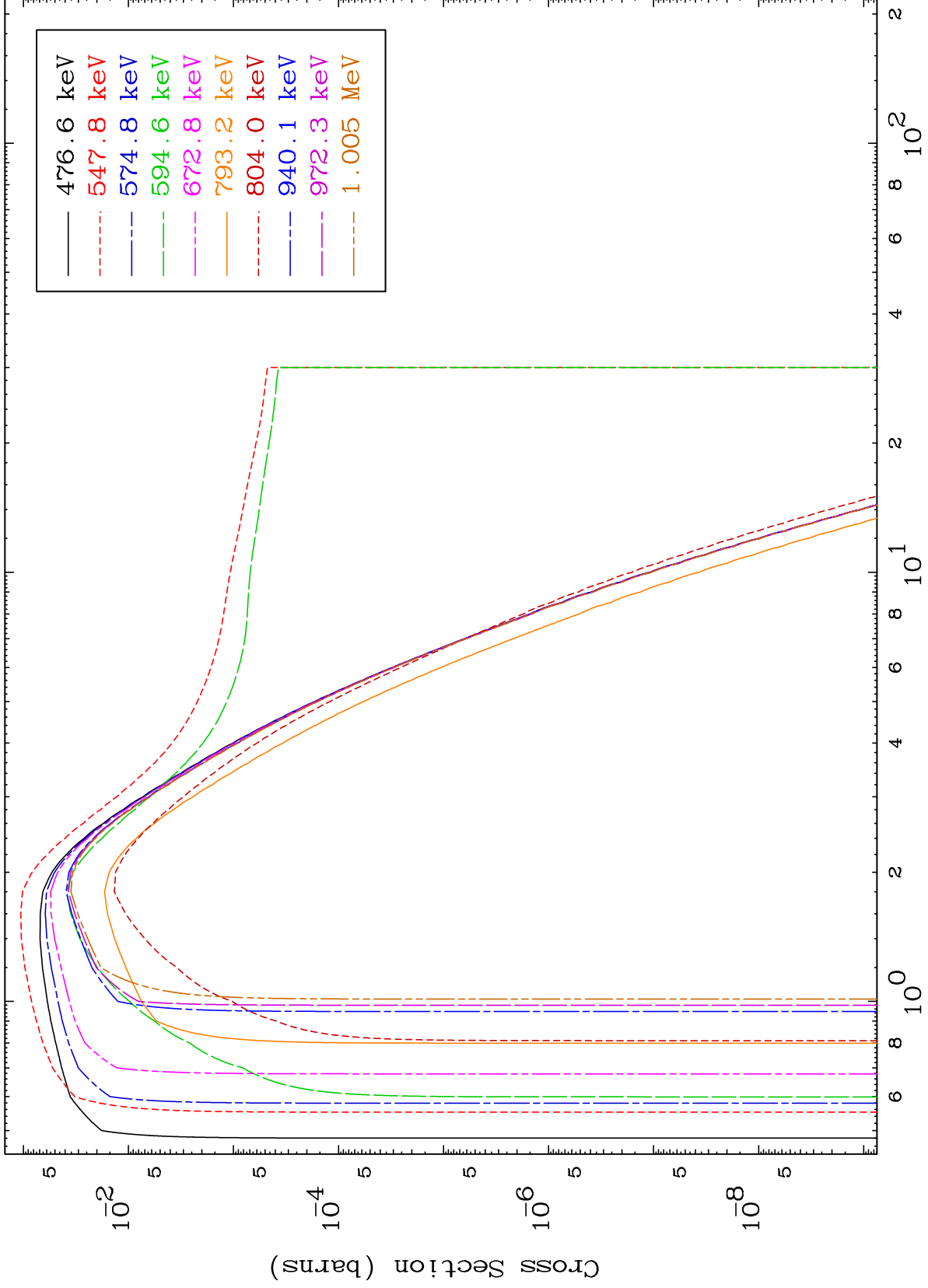
MAT 5910

(n,n') Level  
293 Kelvin Cross Sections

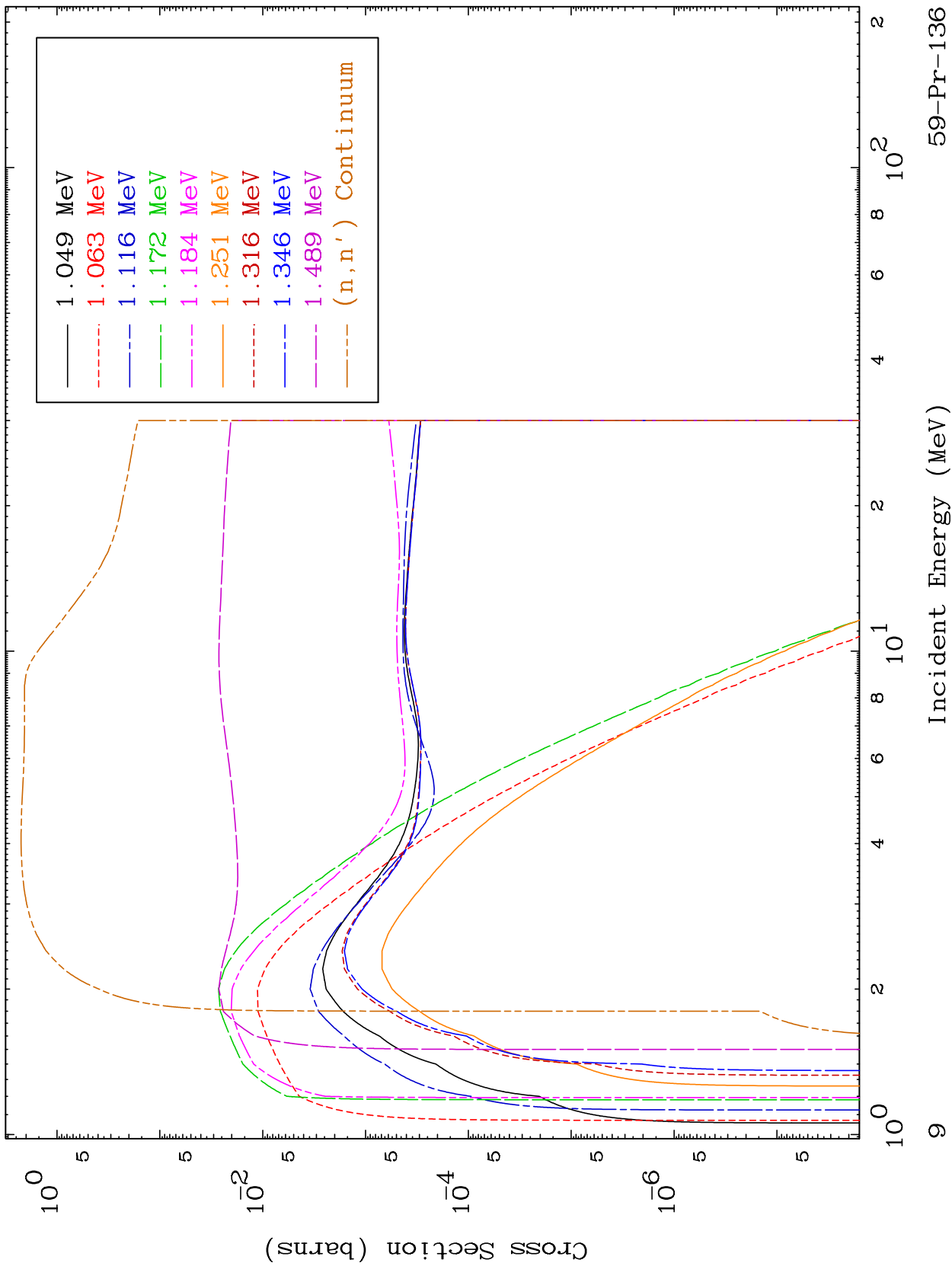
59-Pr-136







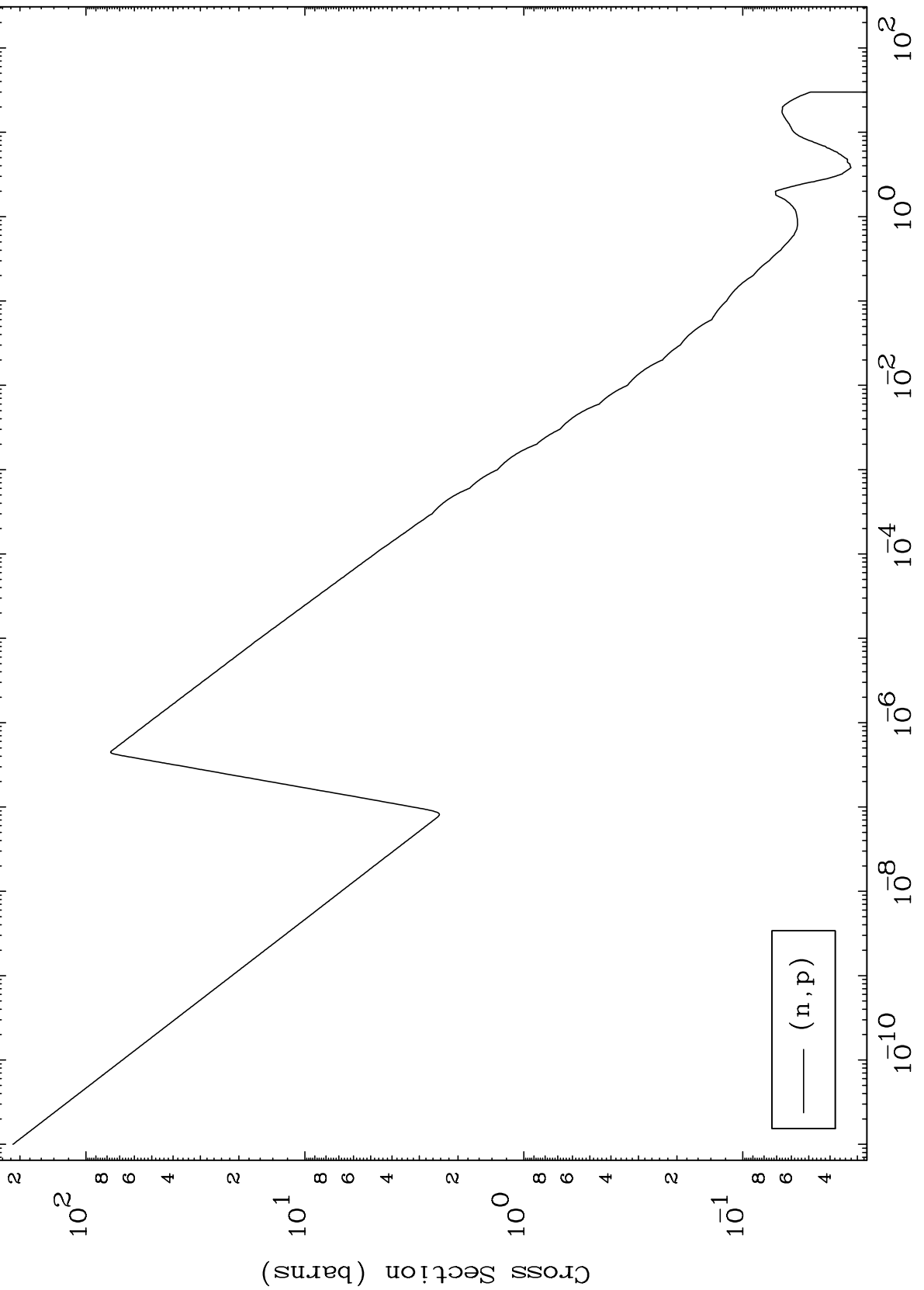
293 Kelvin Cross Sections



MAT 5910

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-136



10

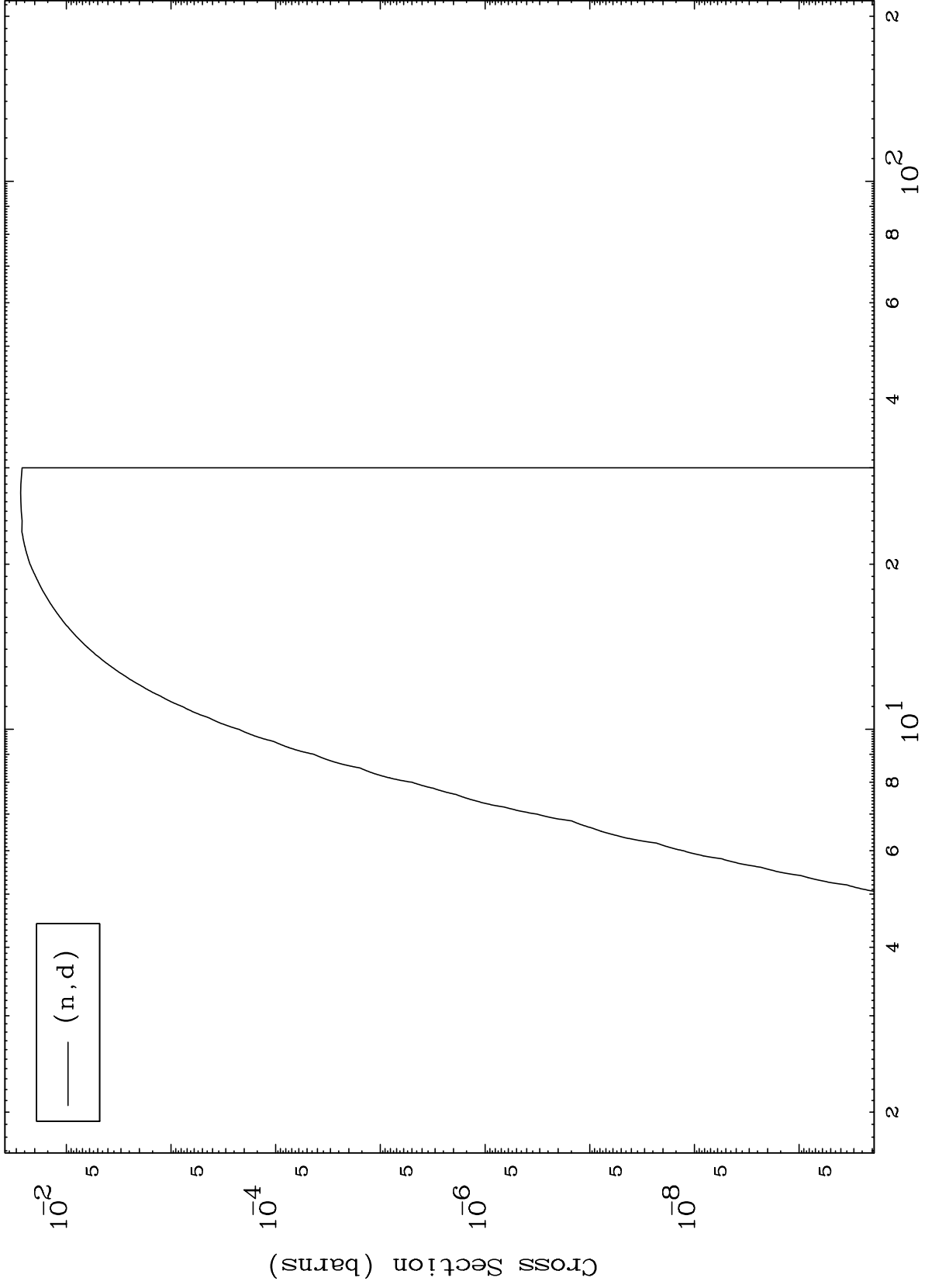
Incident Energy (MeV)

59-Pr-136

MAT 5910

(n,d) Levels  
293 Kelvin Cross Sections

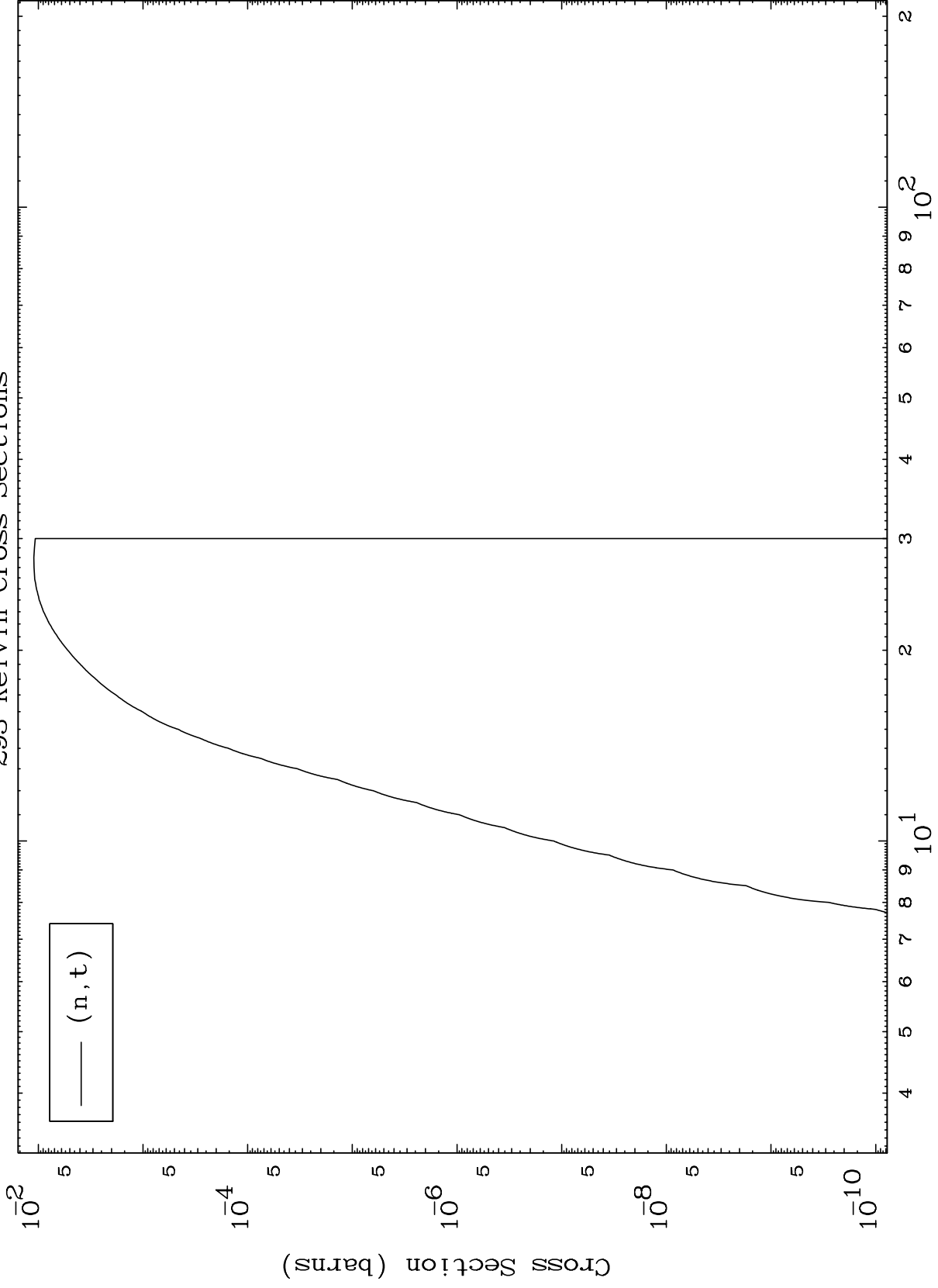
59-Pr-136



MAT 5910

(n,t) Levels  
293 Kelvin Cross Sections

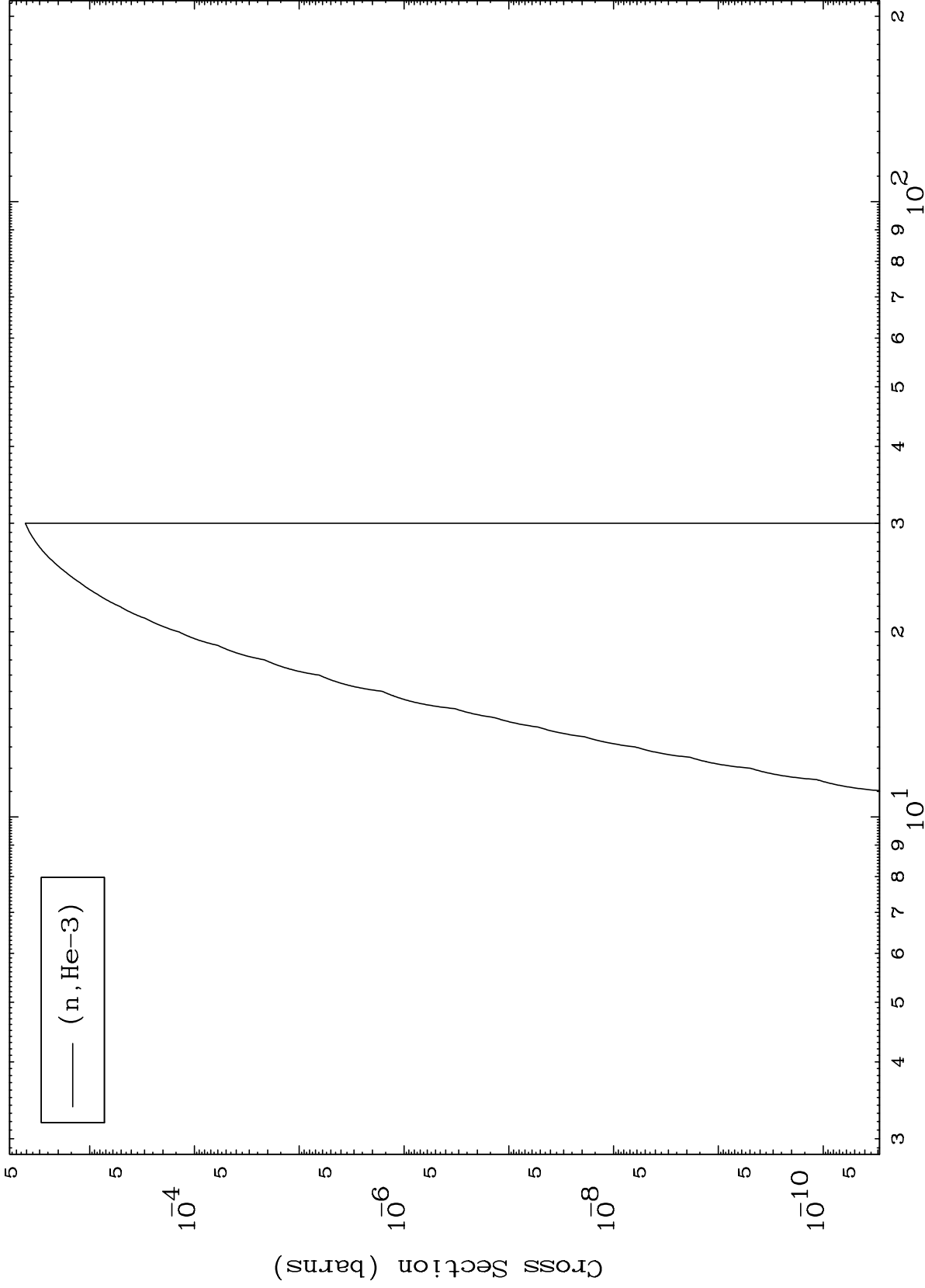
59-Pr-136



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Incident Energy (MeV)

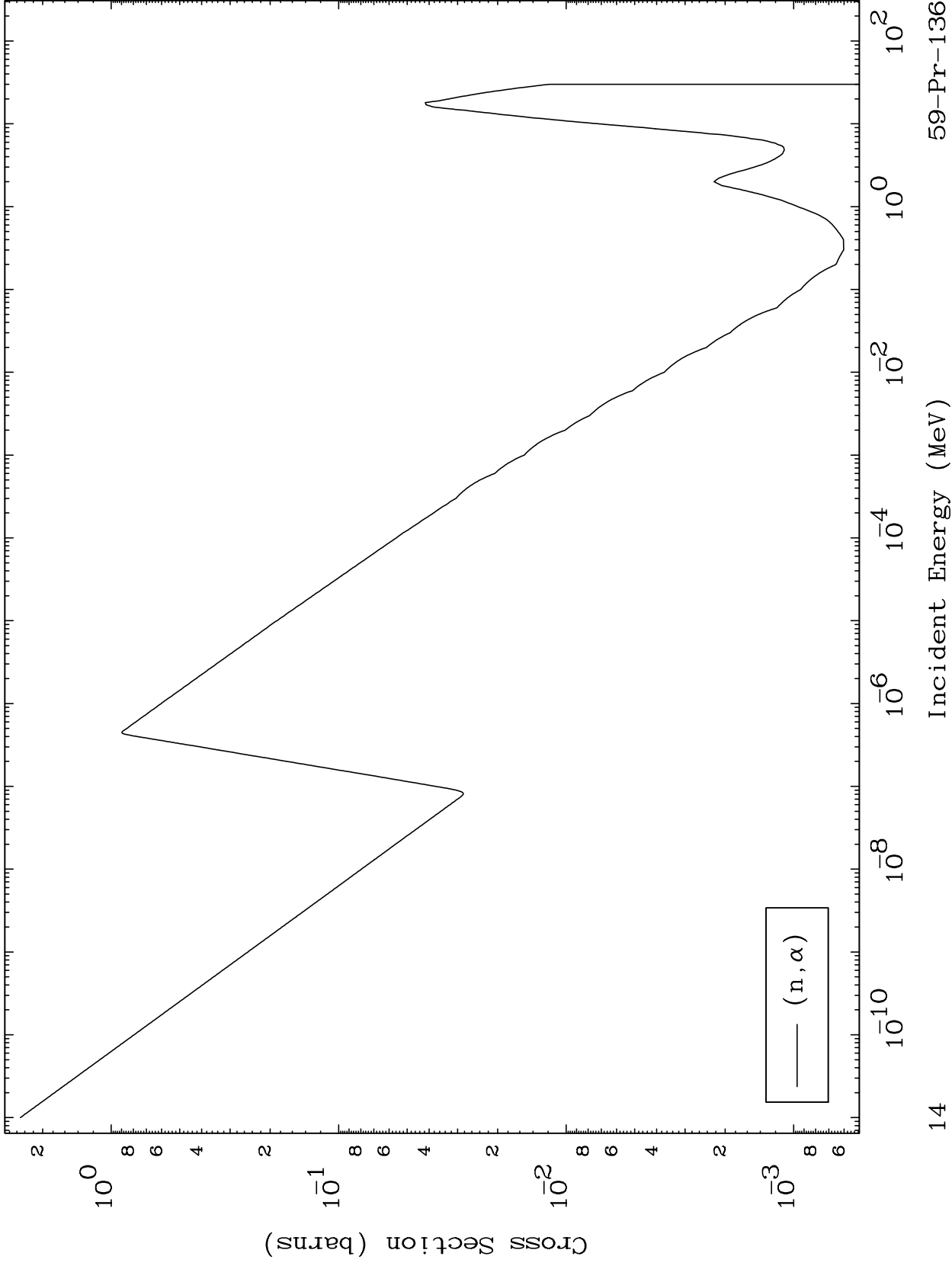
59-Pr-136



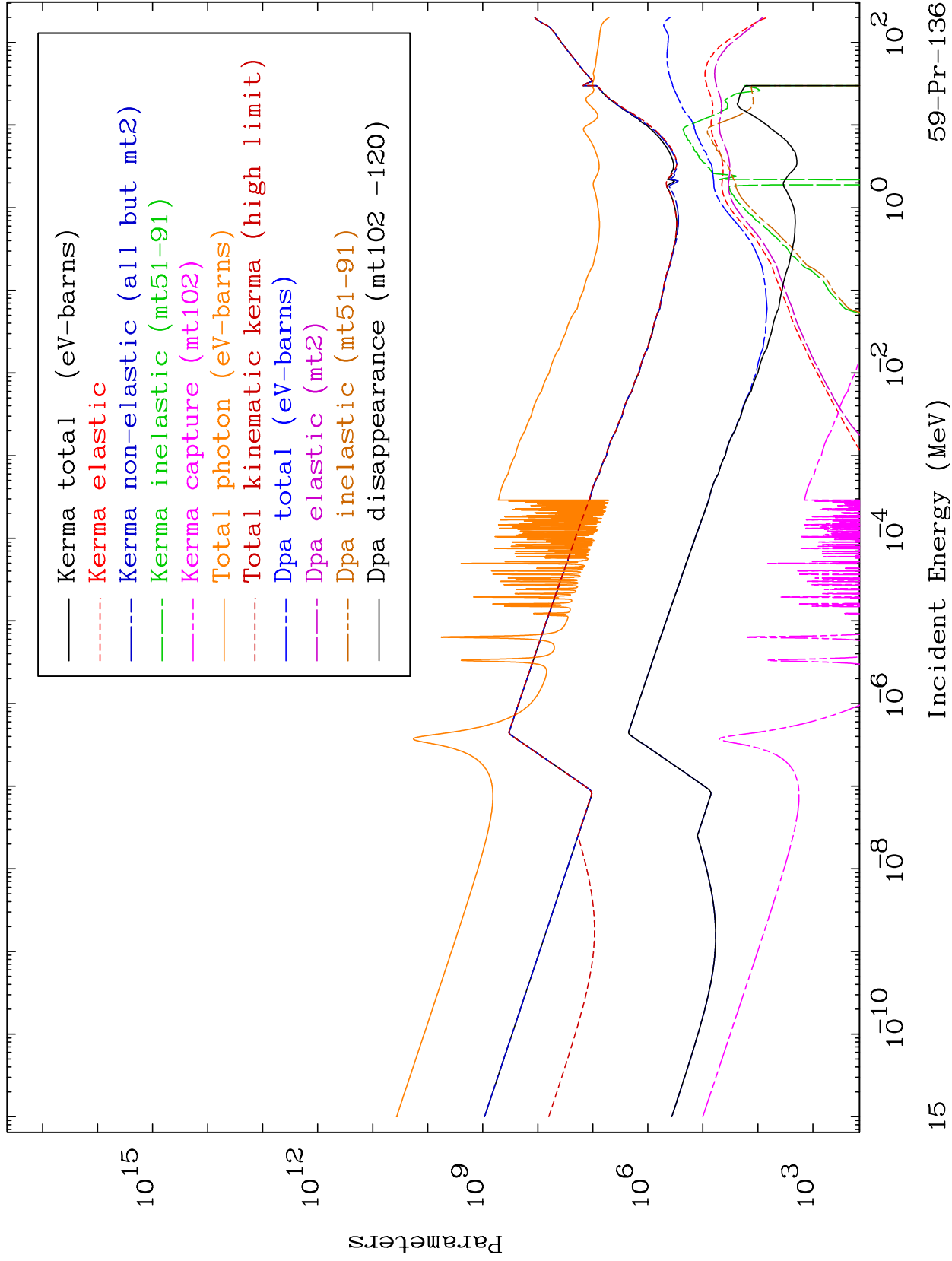
MAT 5910

(n,α) Levels  
293 Kelvin Cross Sections

59-Pr-136



59-Pr-136

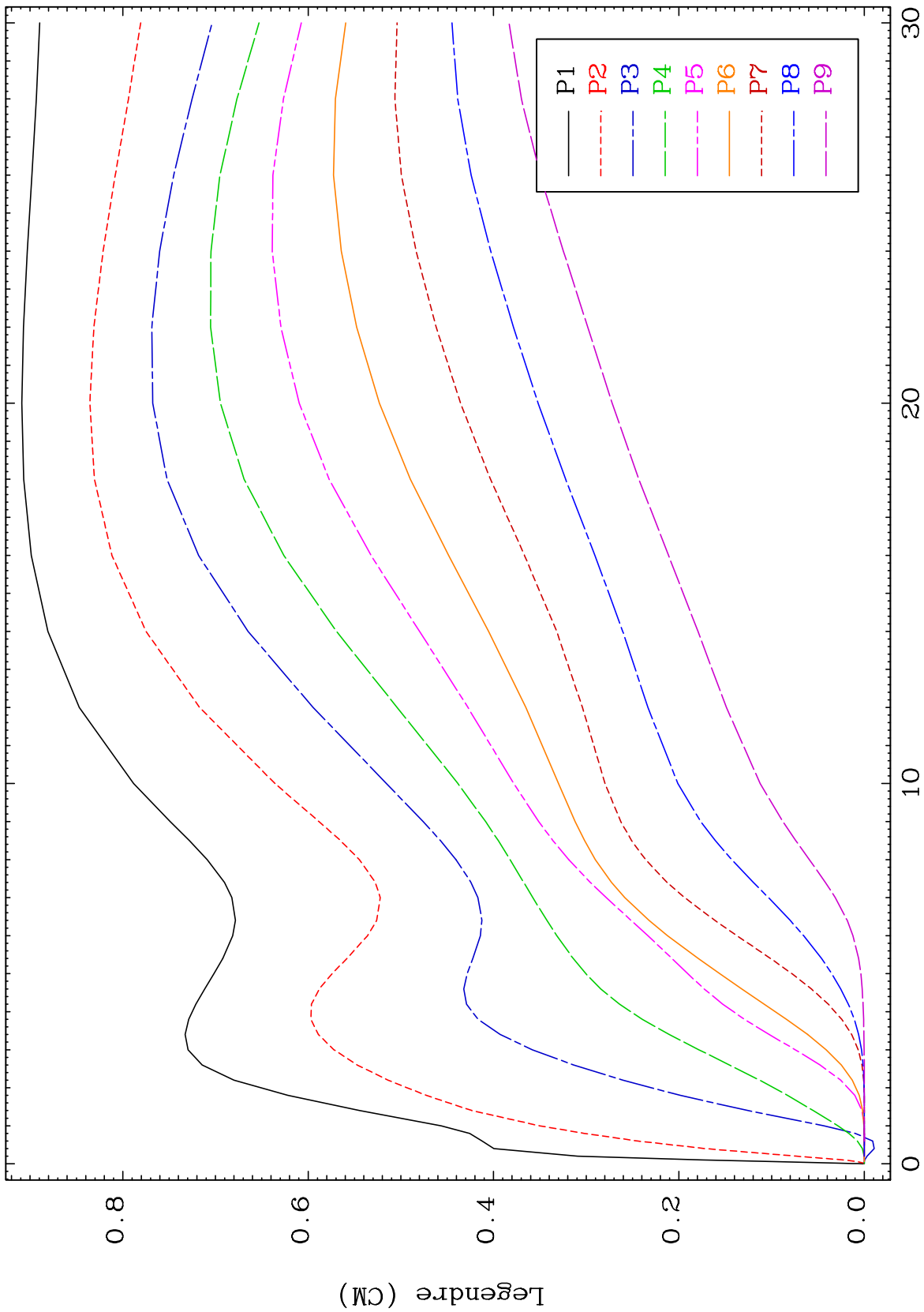




MAT 5910

59-Pr-136

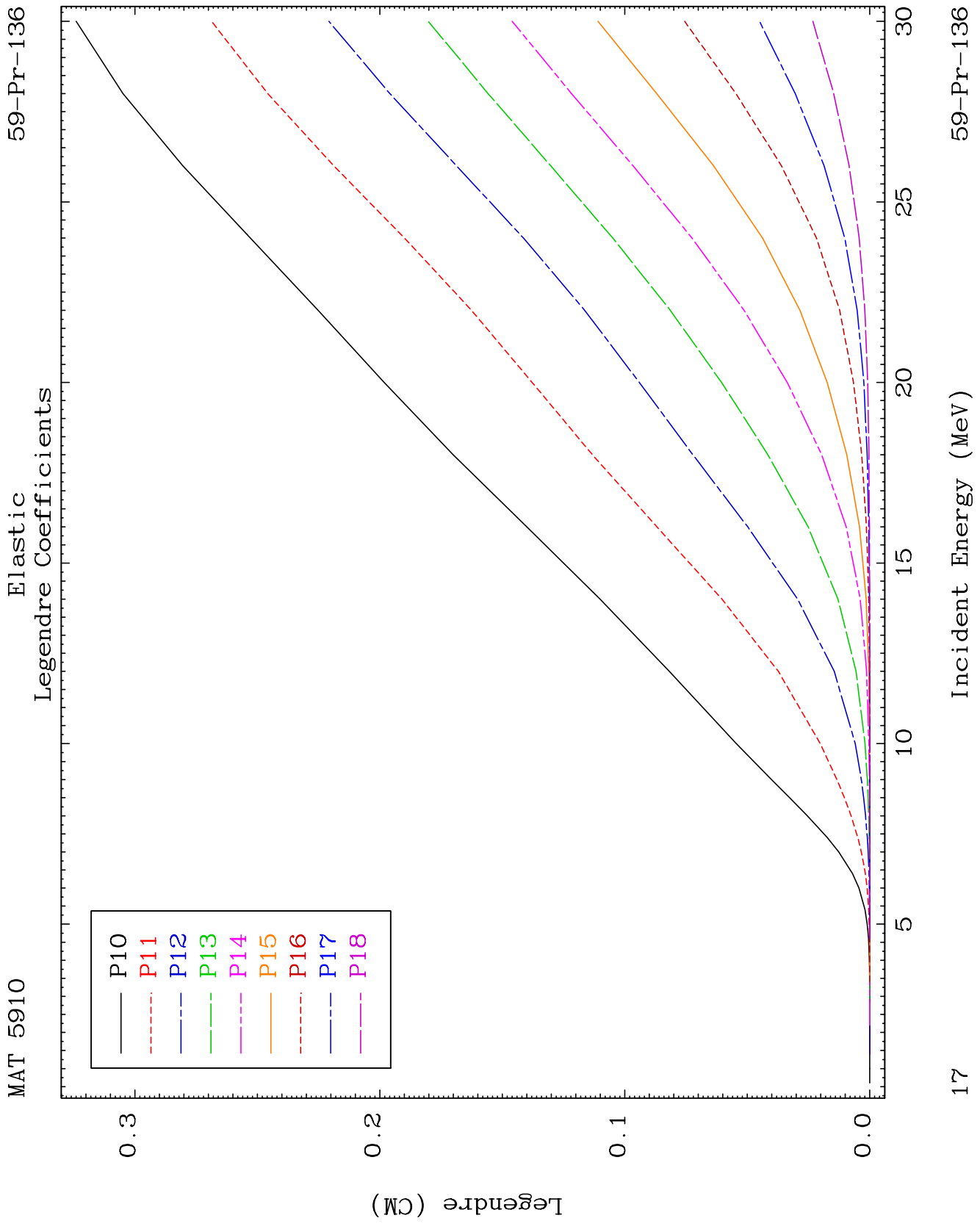
Elastic Legendre Coefficients



59-Pr-136

Incident Energy (MeV)

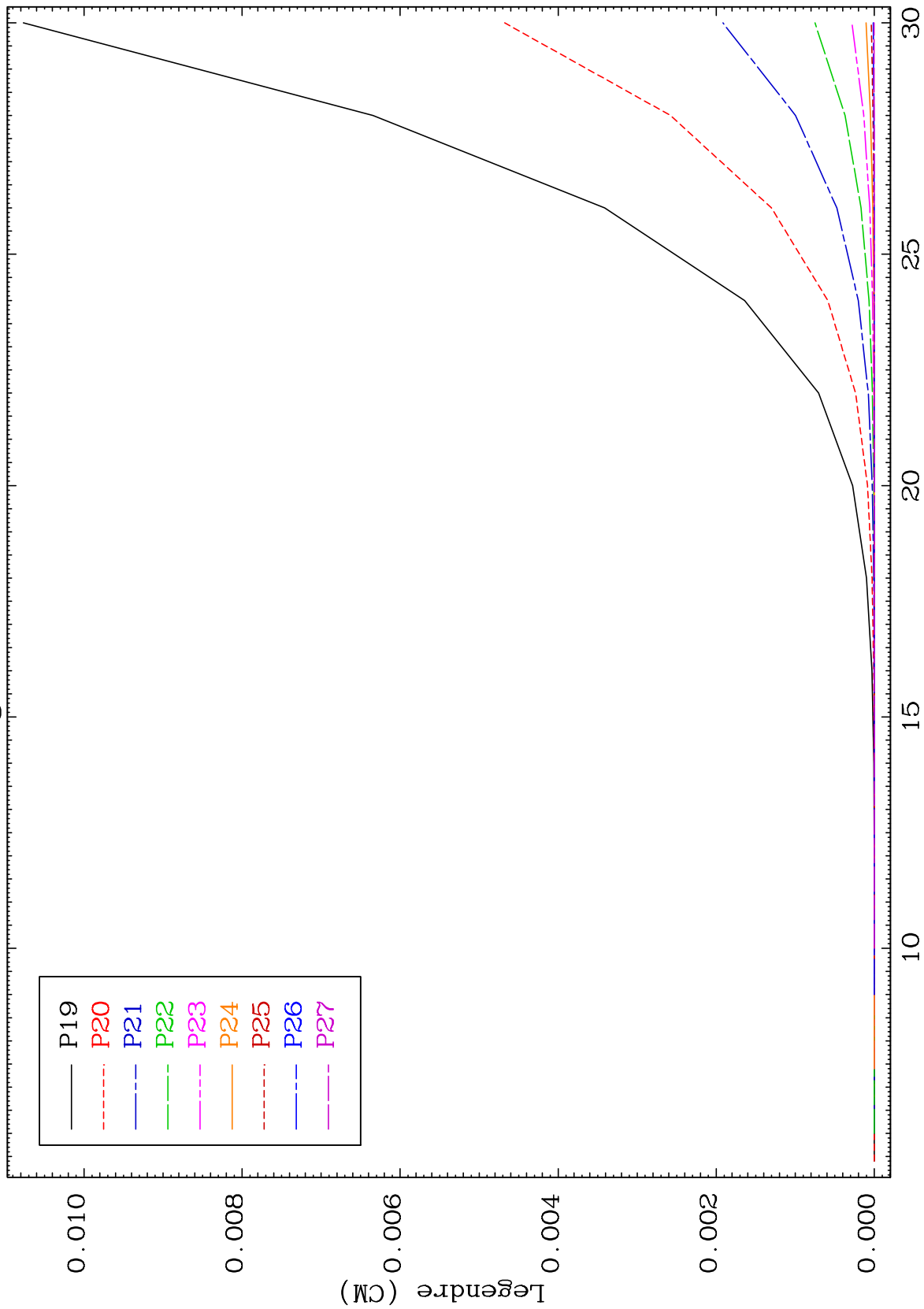
16



MAT 5910

### Elastic Legendre Coefficients

59-Pr-136



18

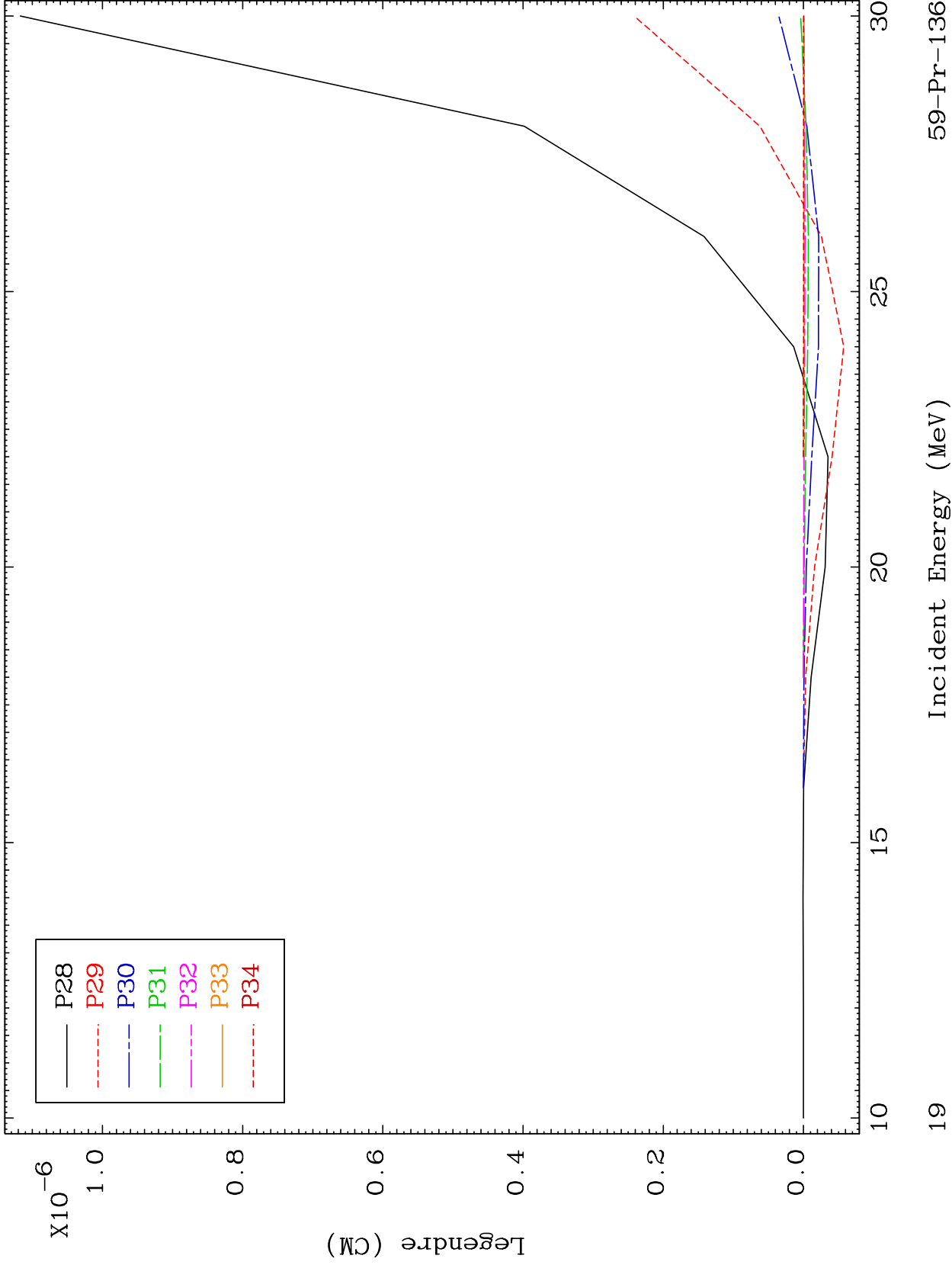
Incident Energy (MeV)

59-Pr-136

MAT 5910

Elastic Legendre Coefficients

59-Pr-136

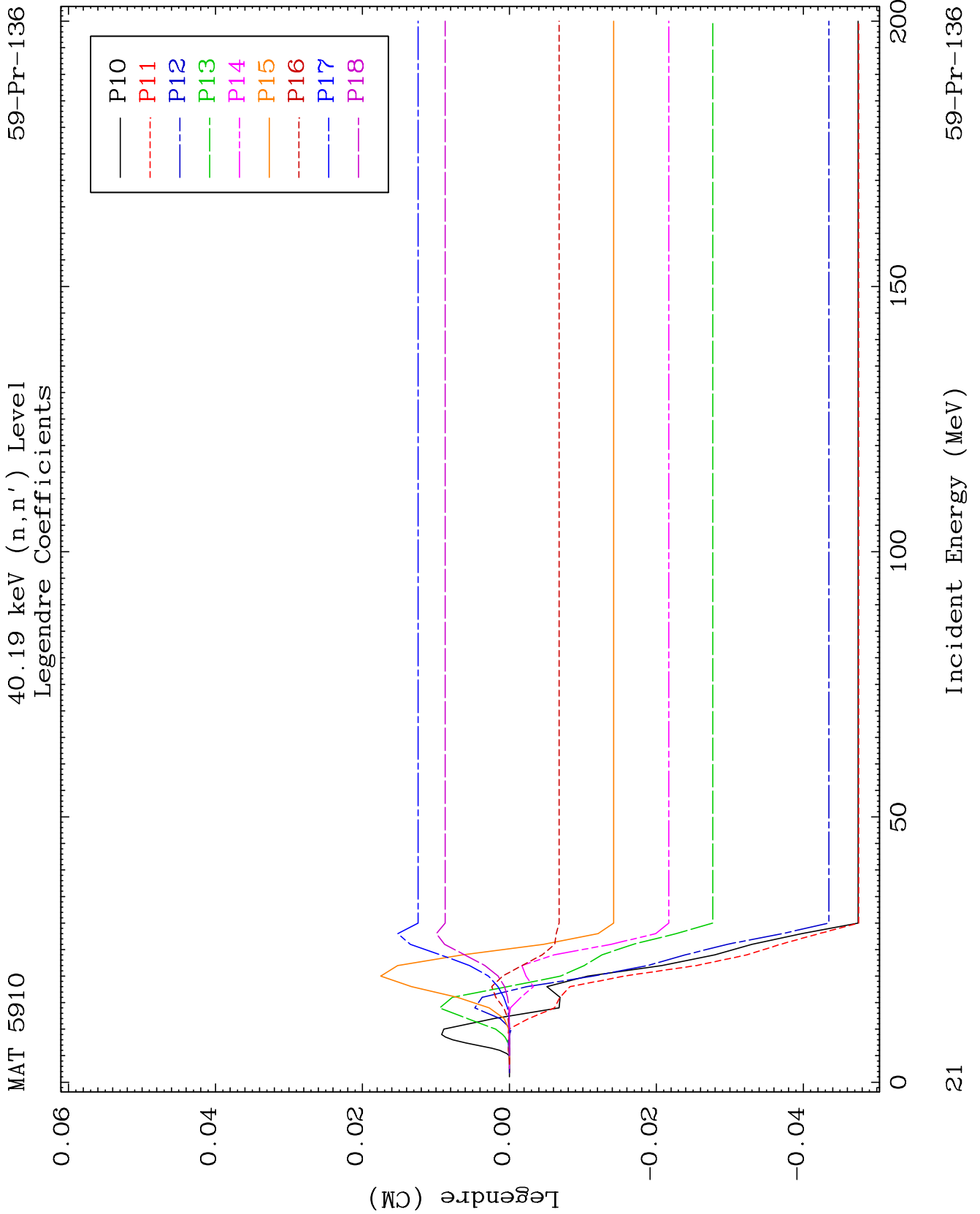


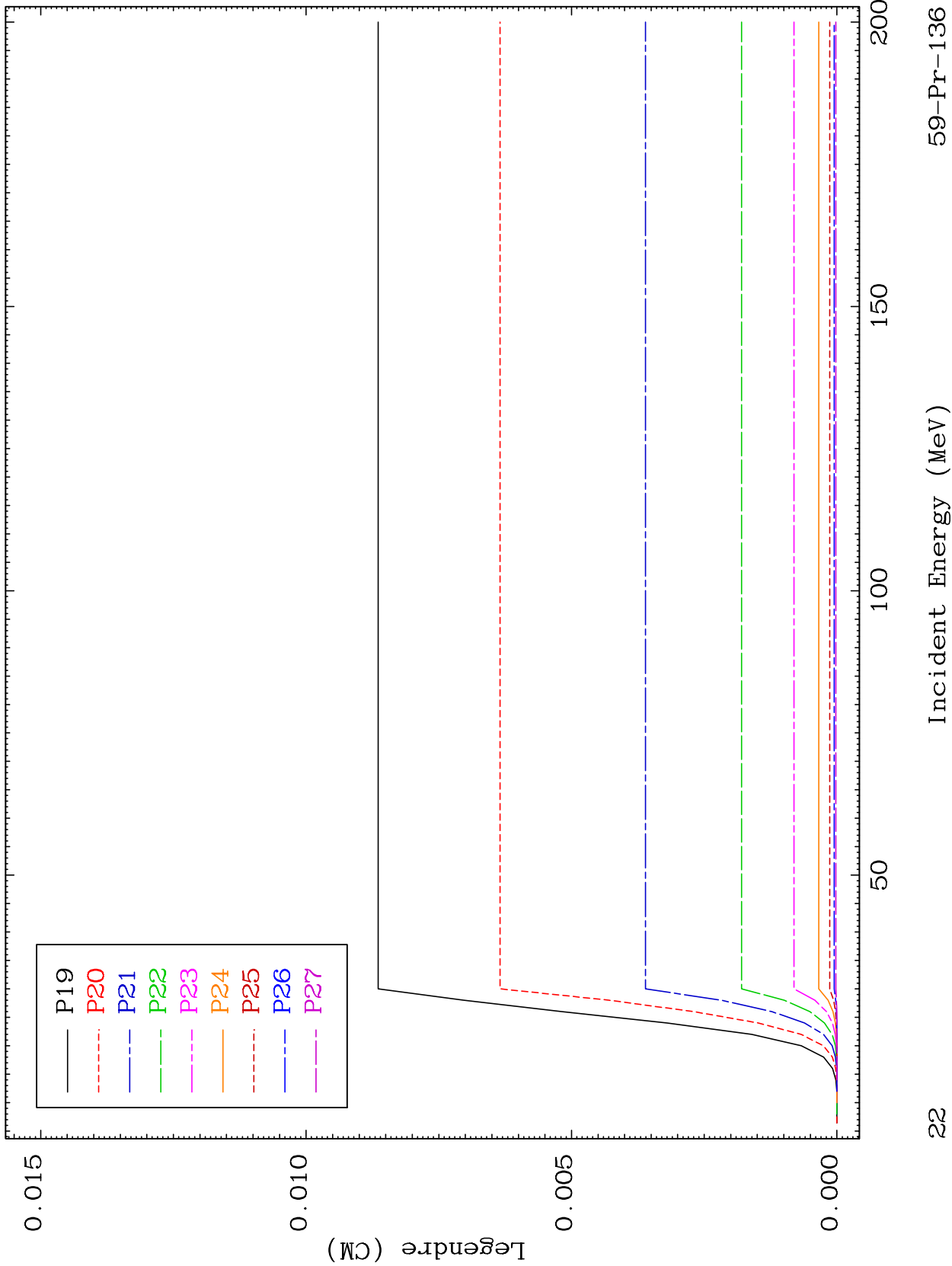
19

Incident Energy (MeV)

59-Pr-136



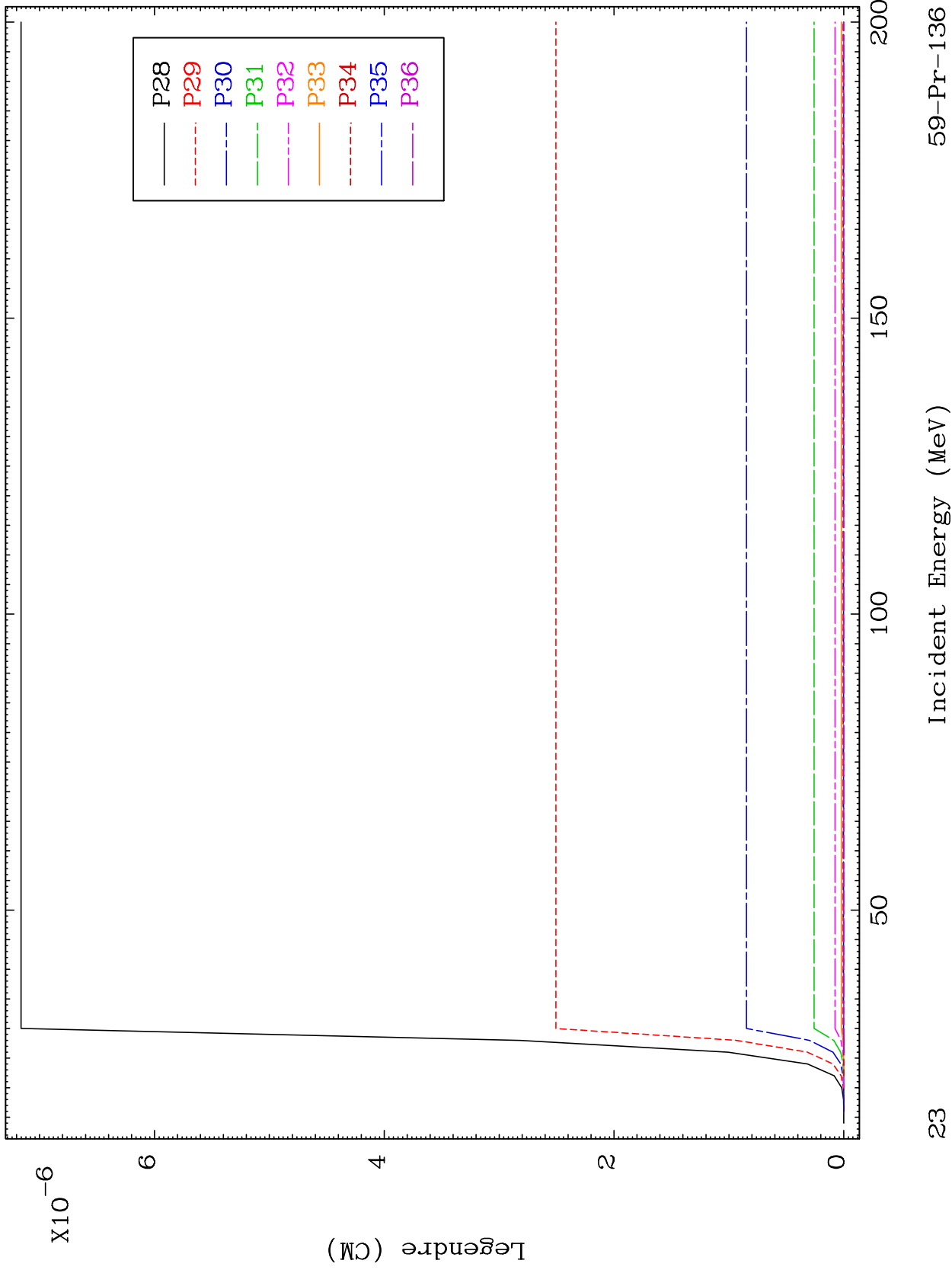




MAT 5910

40.19 keV (n,n') Level  
Legendre Coefficients

59-Pr-136

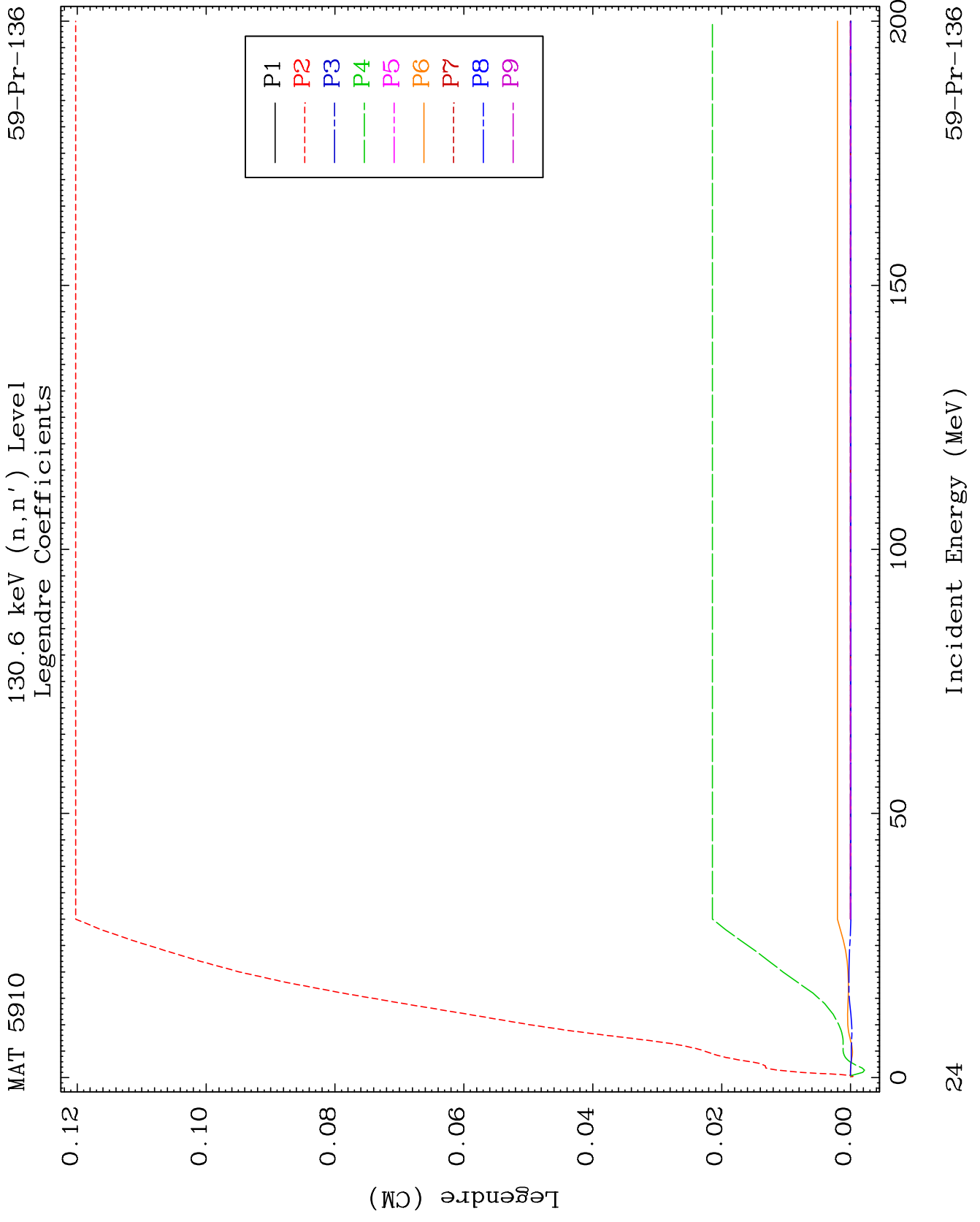


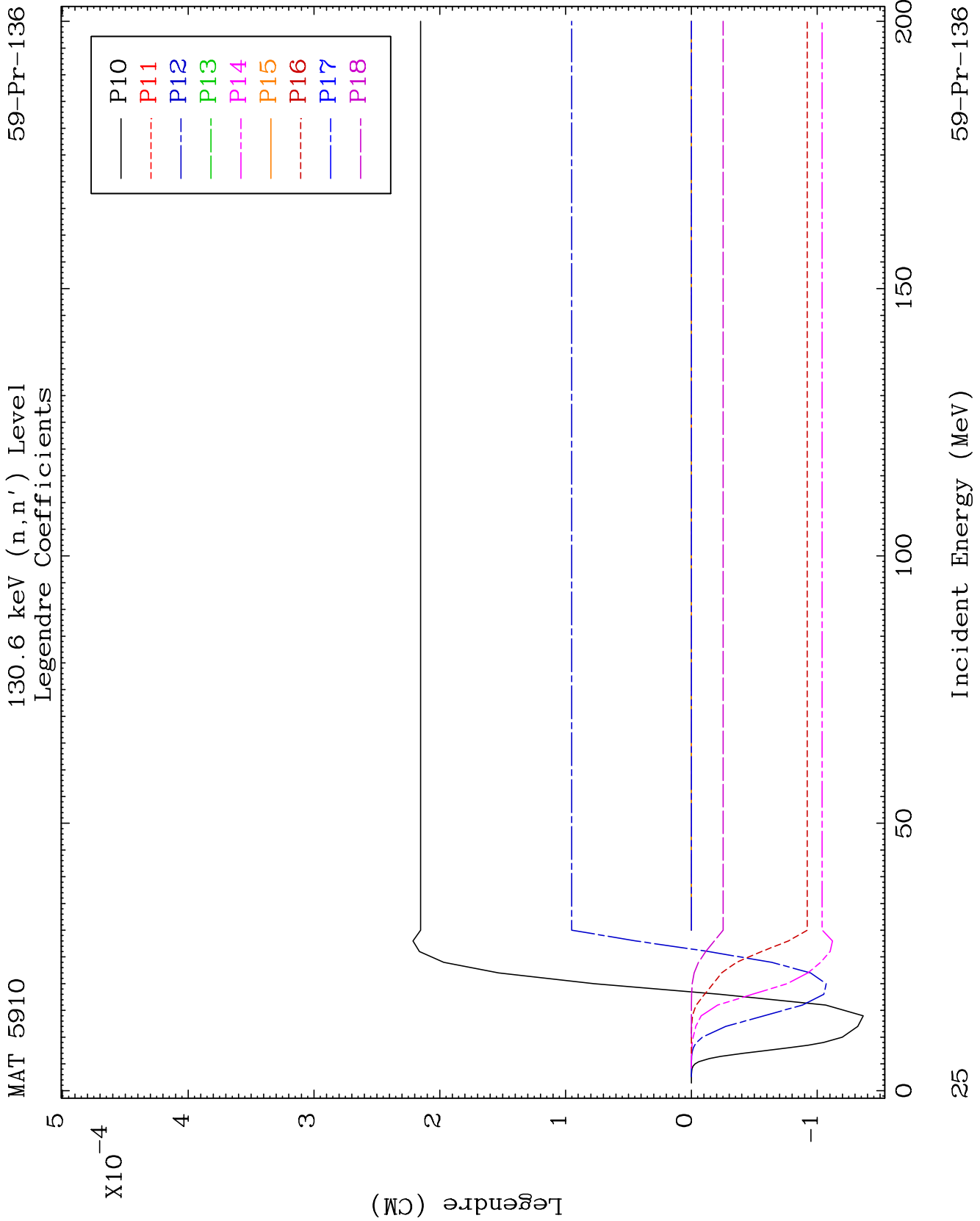
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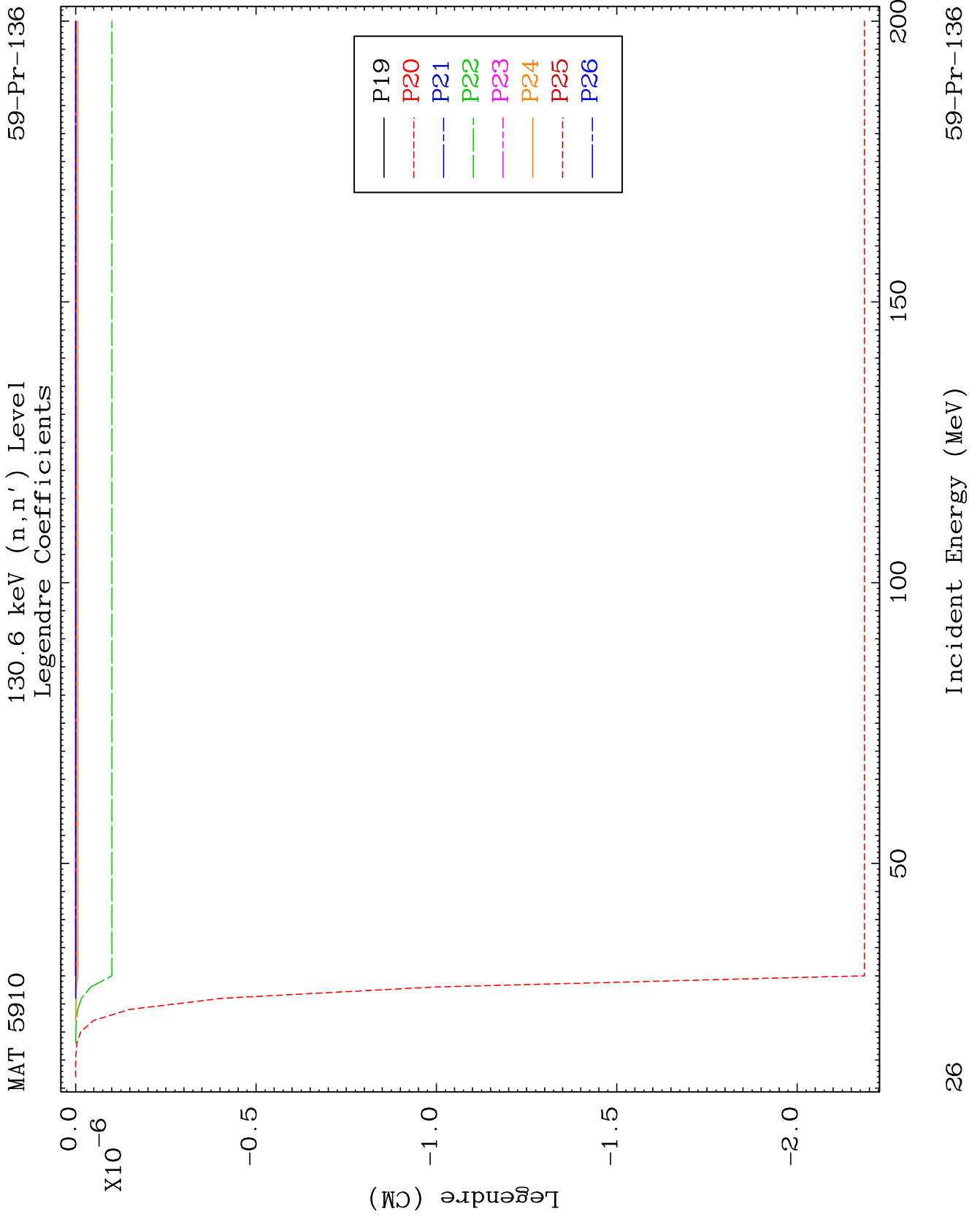
Incident Energy (MeV)

59-Pr-136

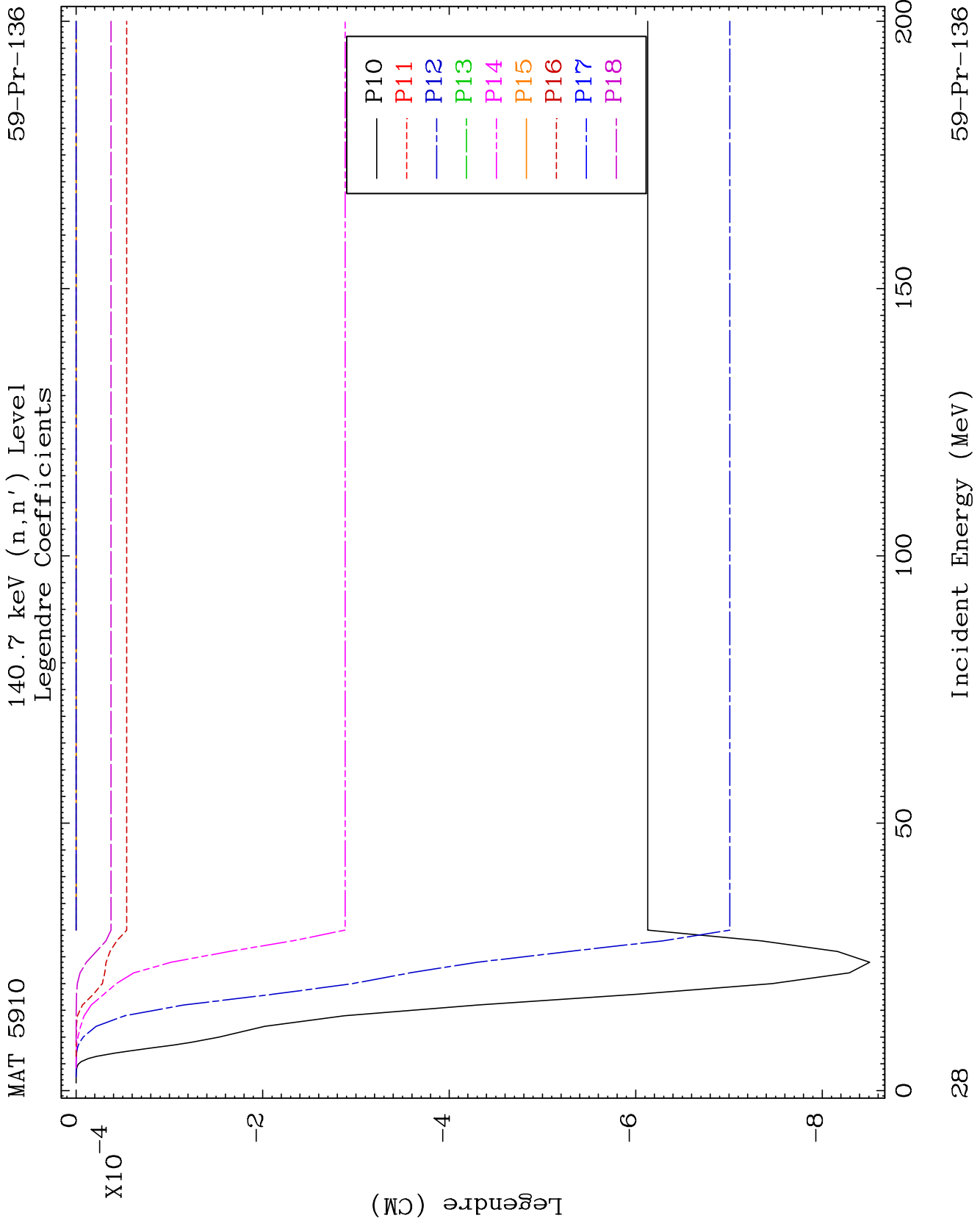


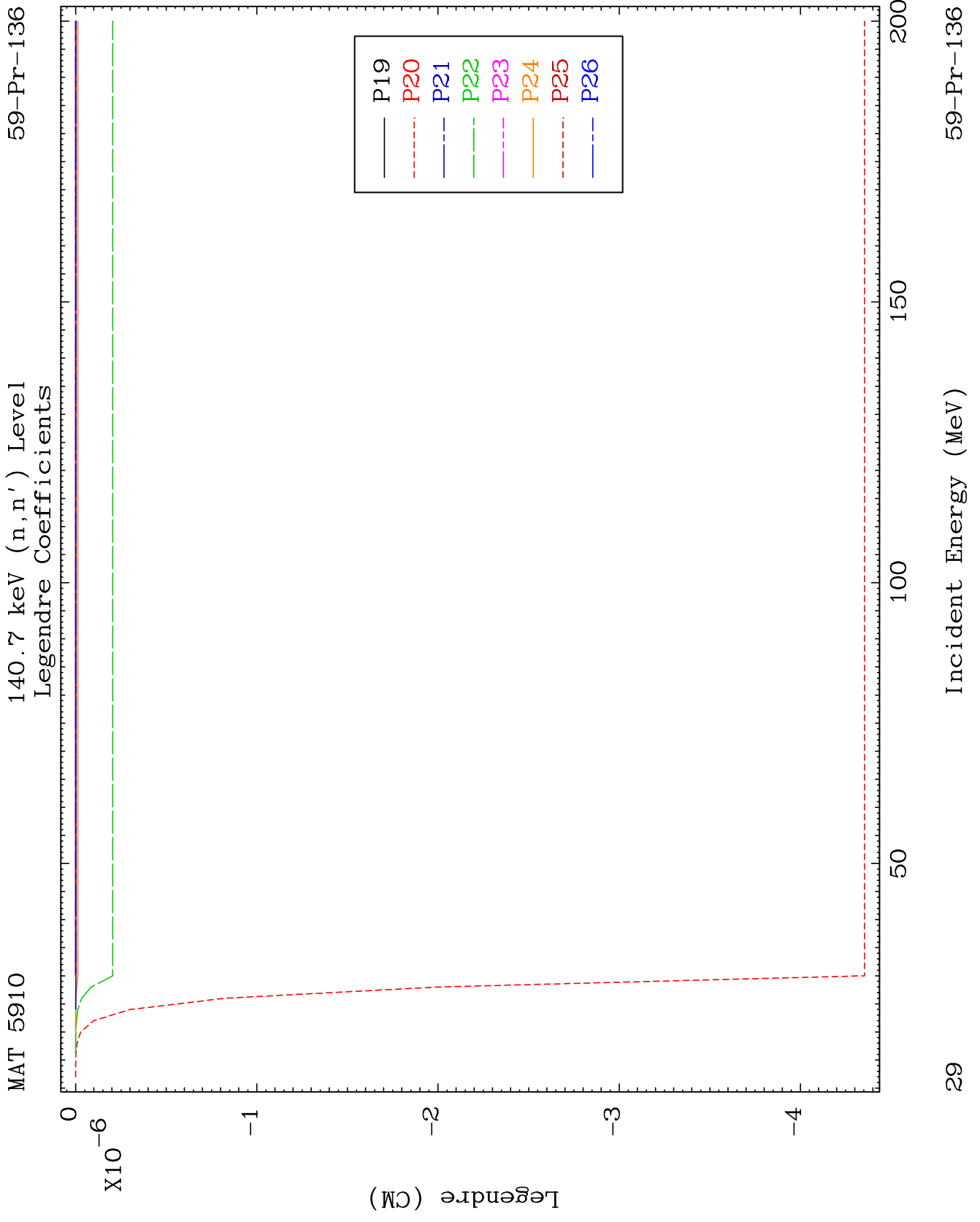




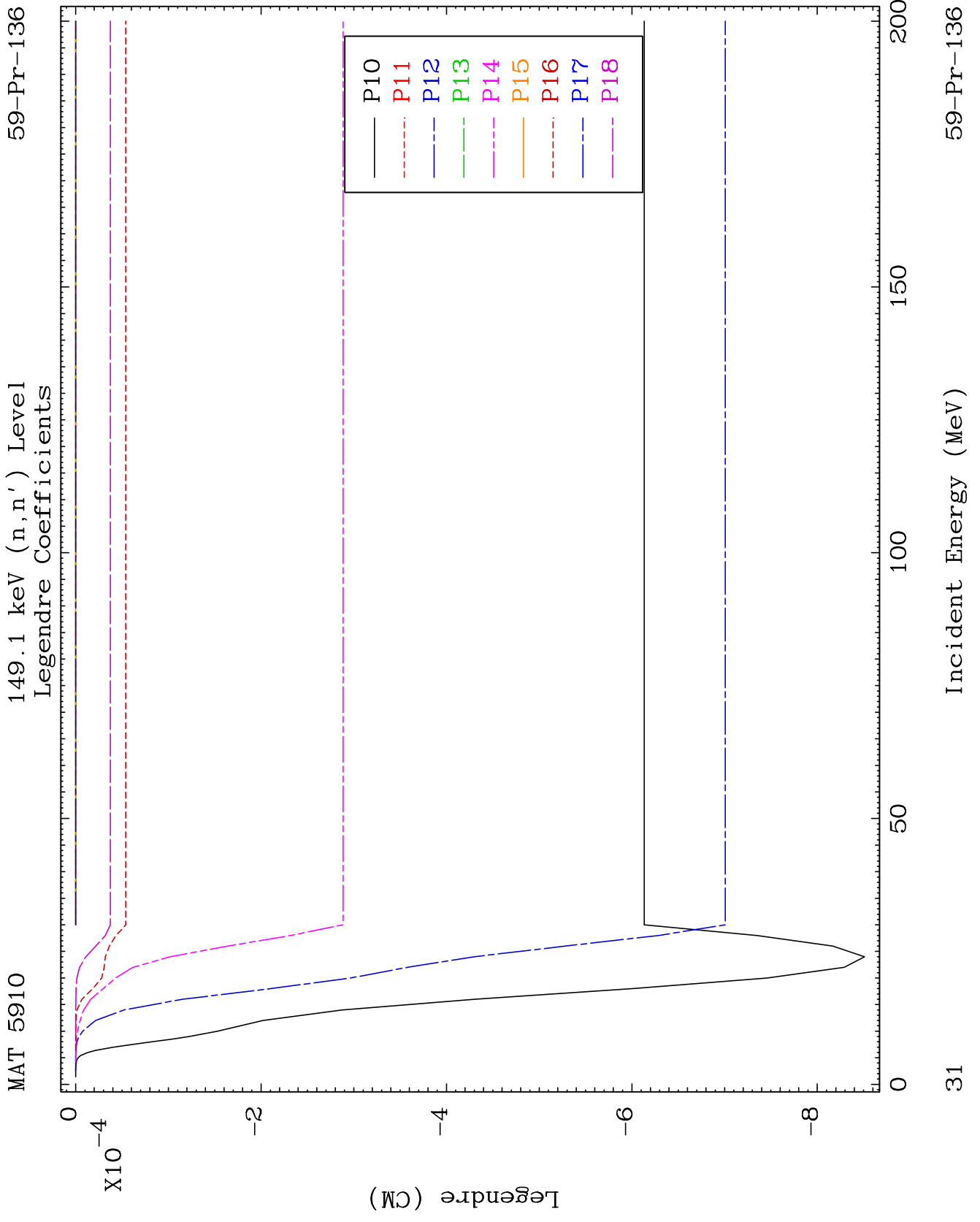




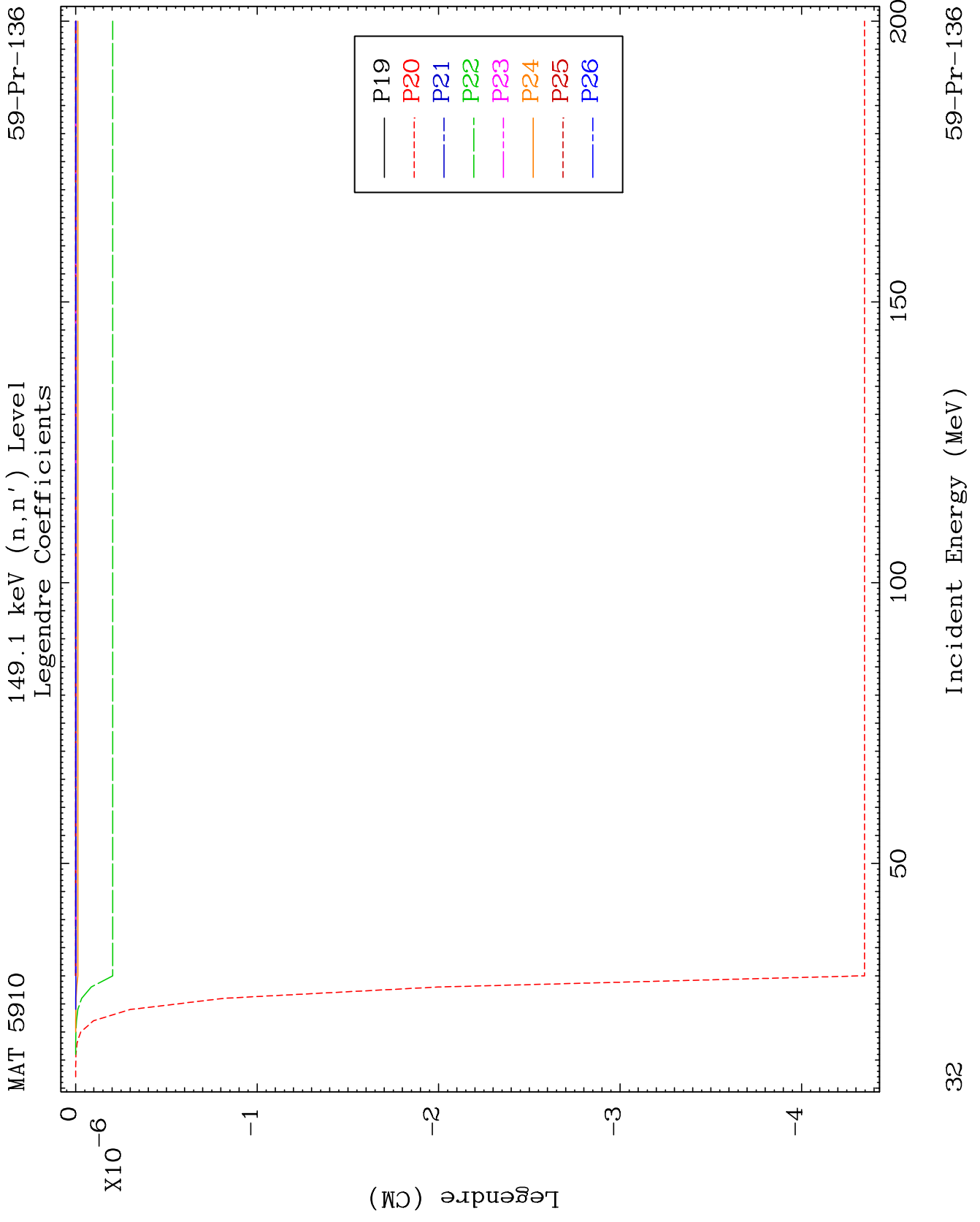




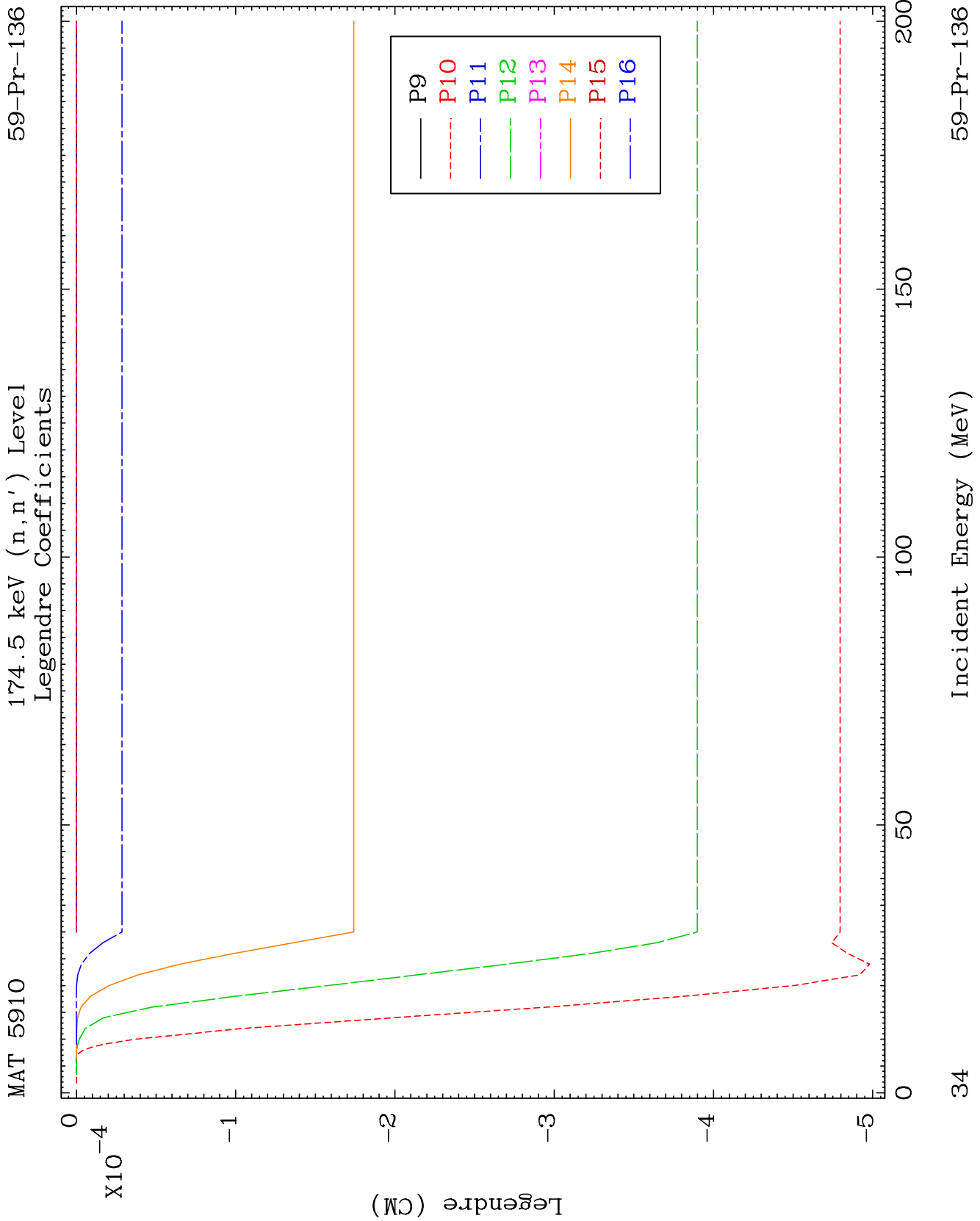








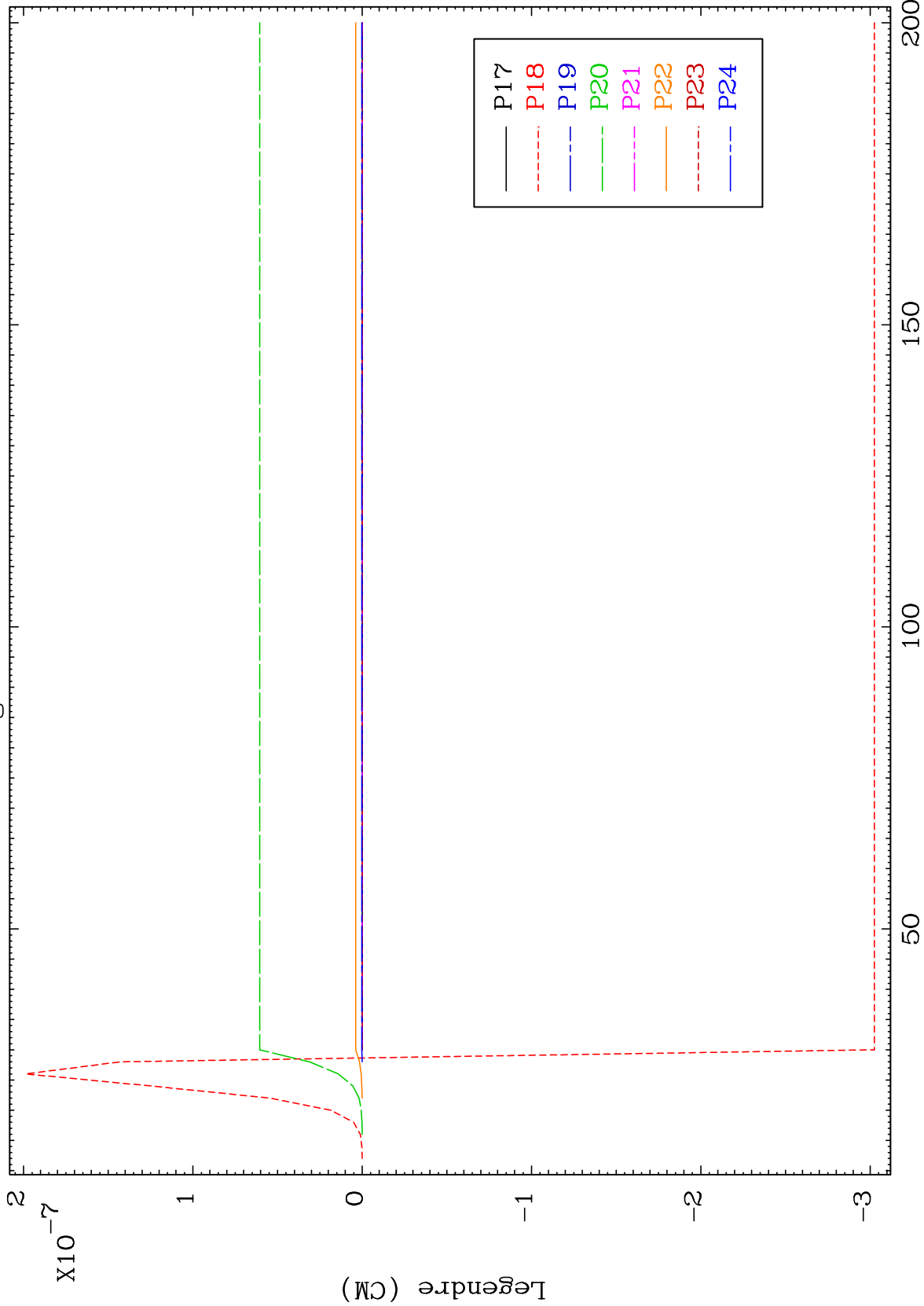




MAT 5910

174.5 keV (n,n') Level  
Legendre Coefficients

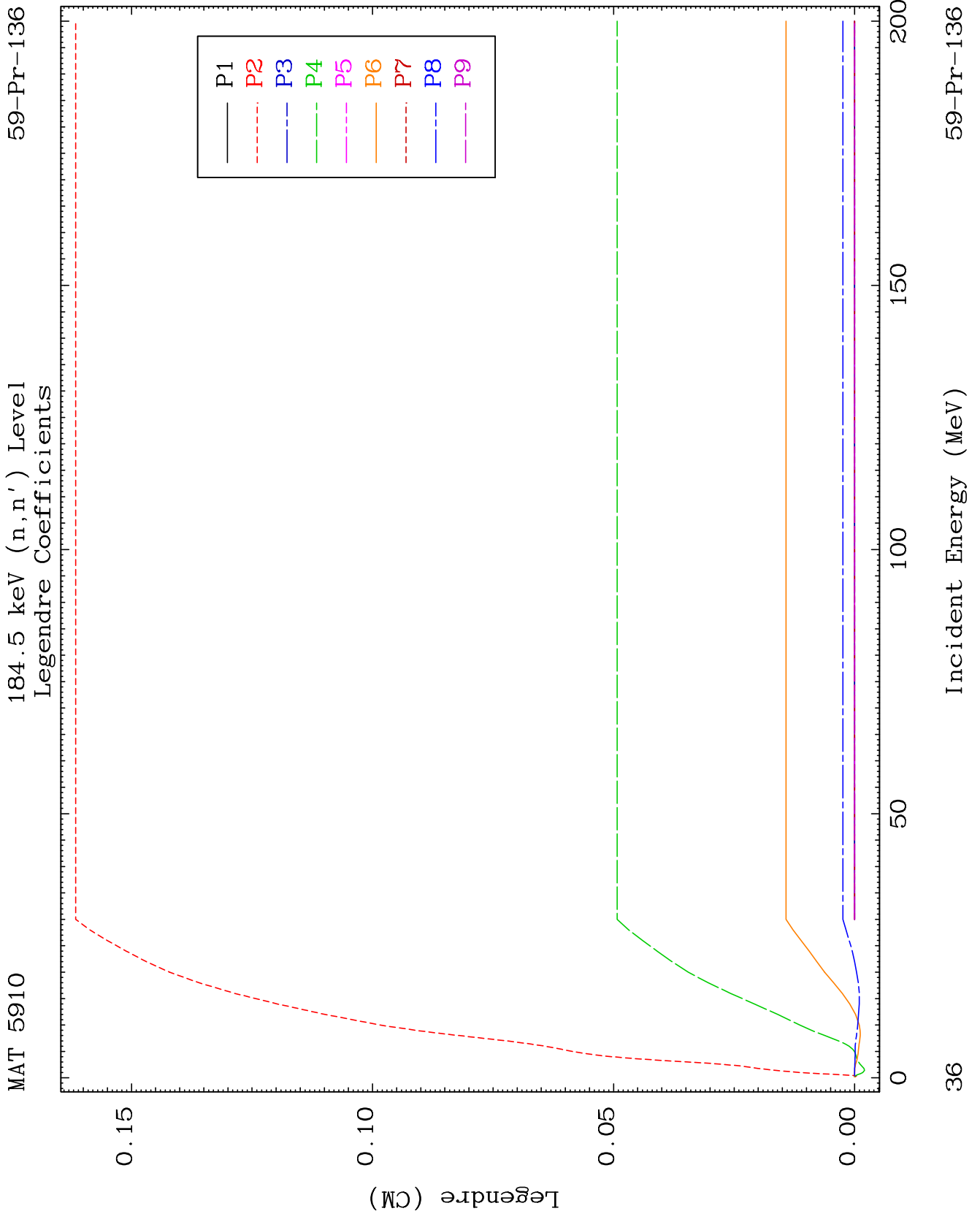
59-Pr-136

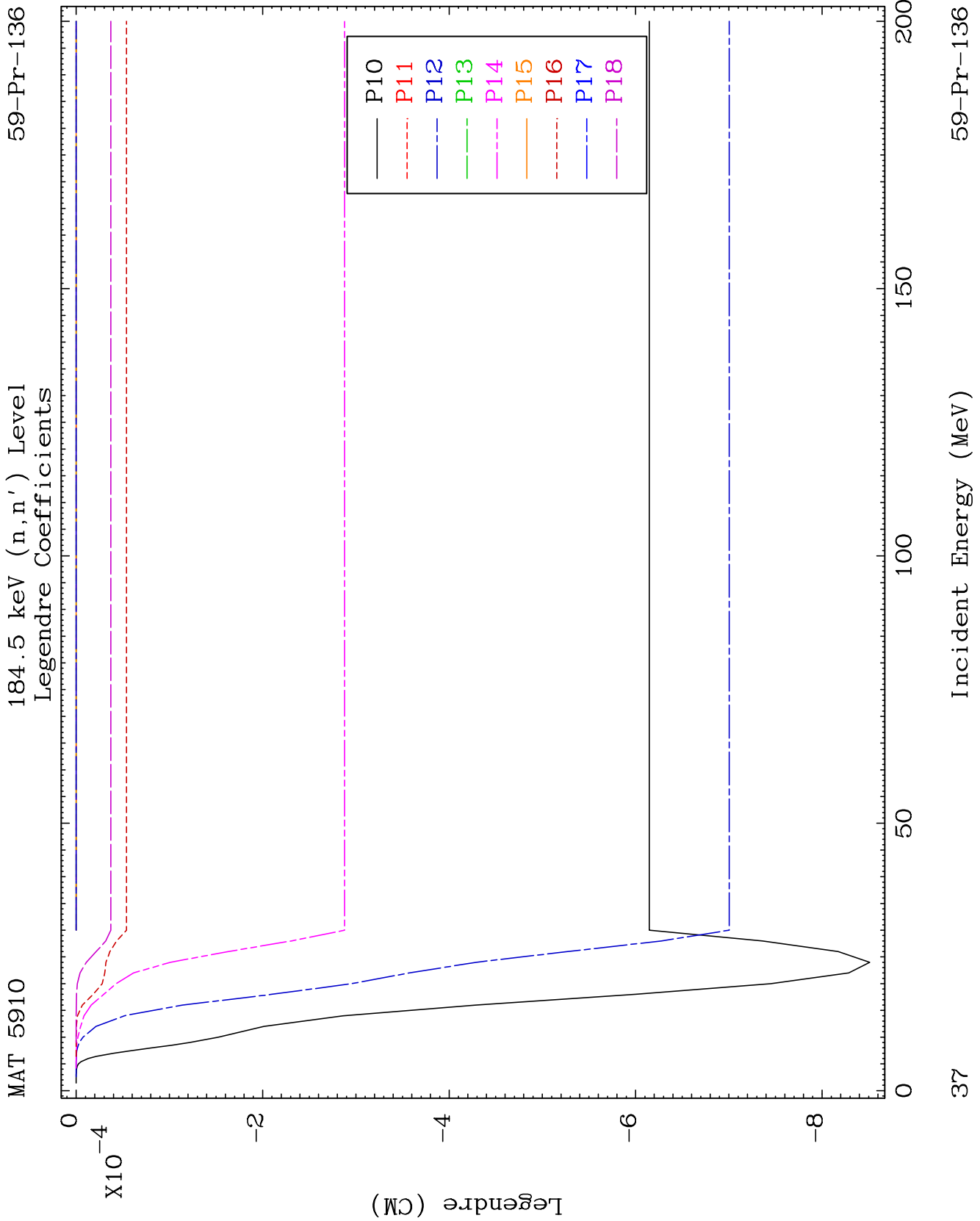


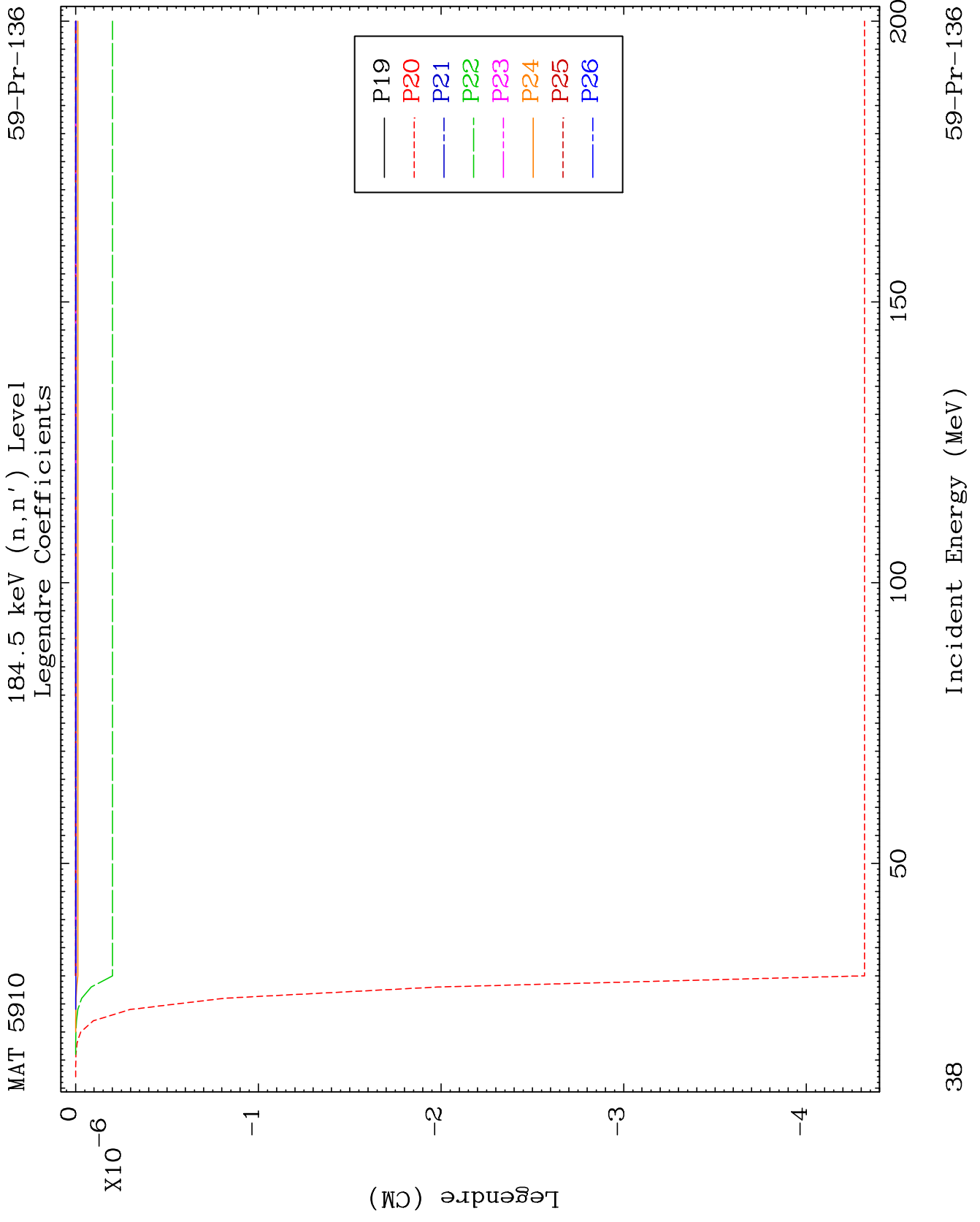
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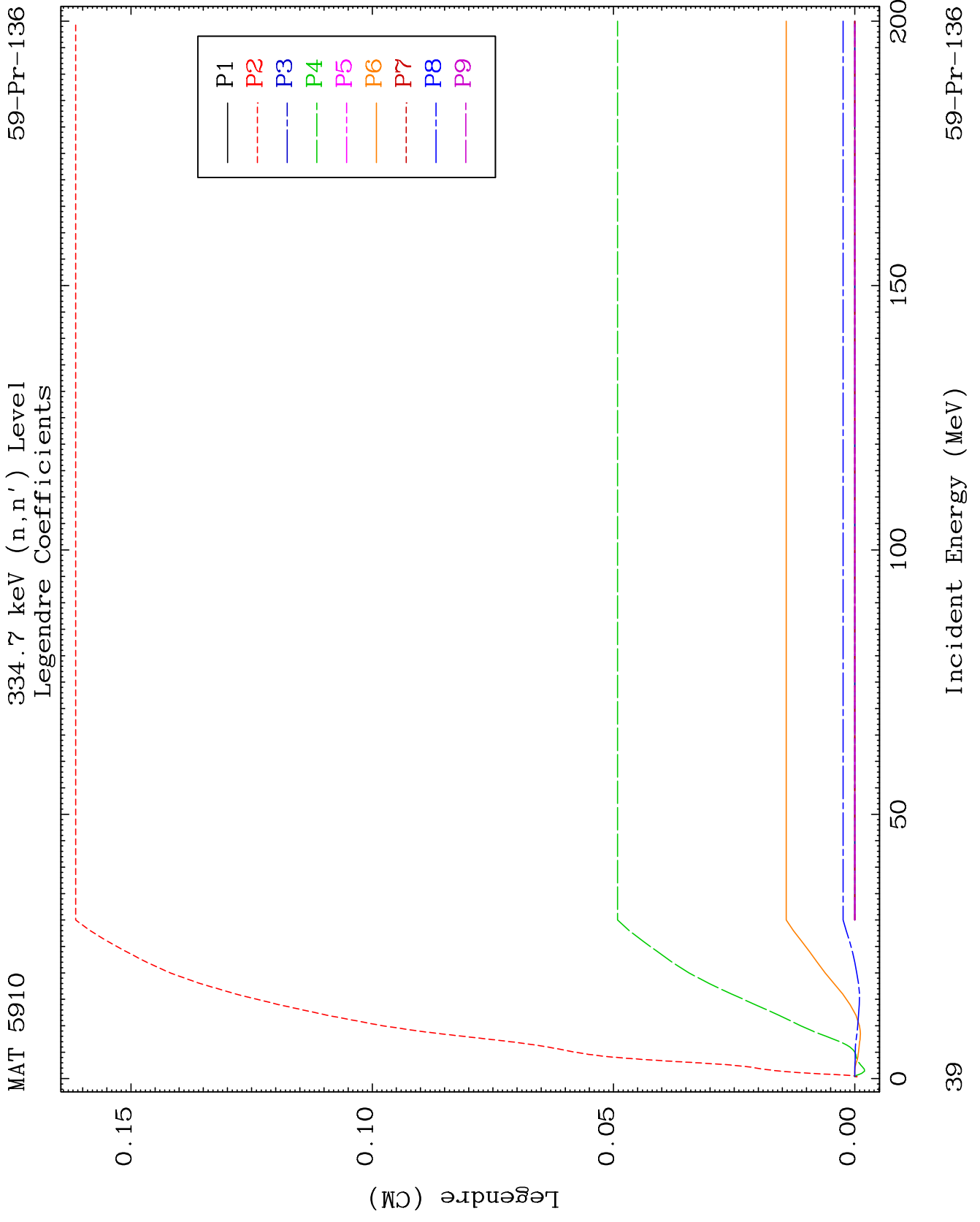
Incident Energy (MeV)

59-Pr-136

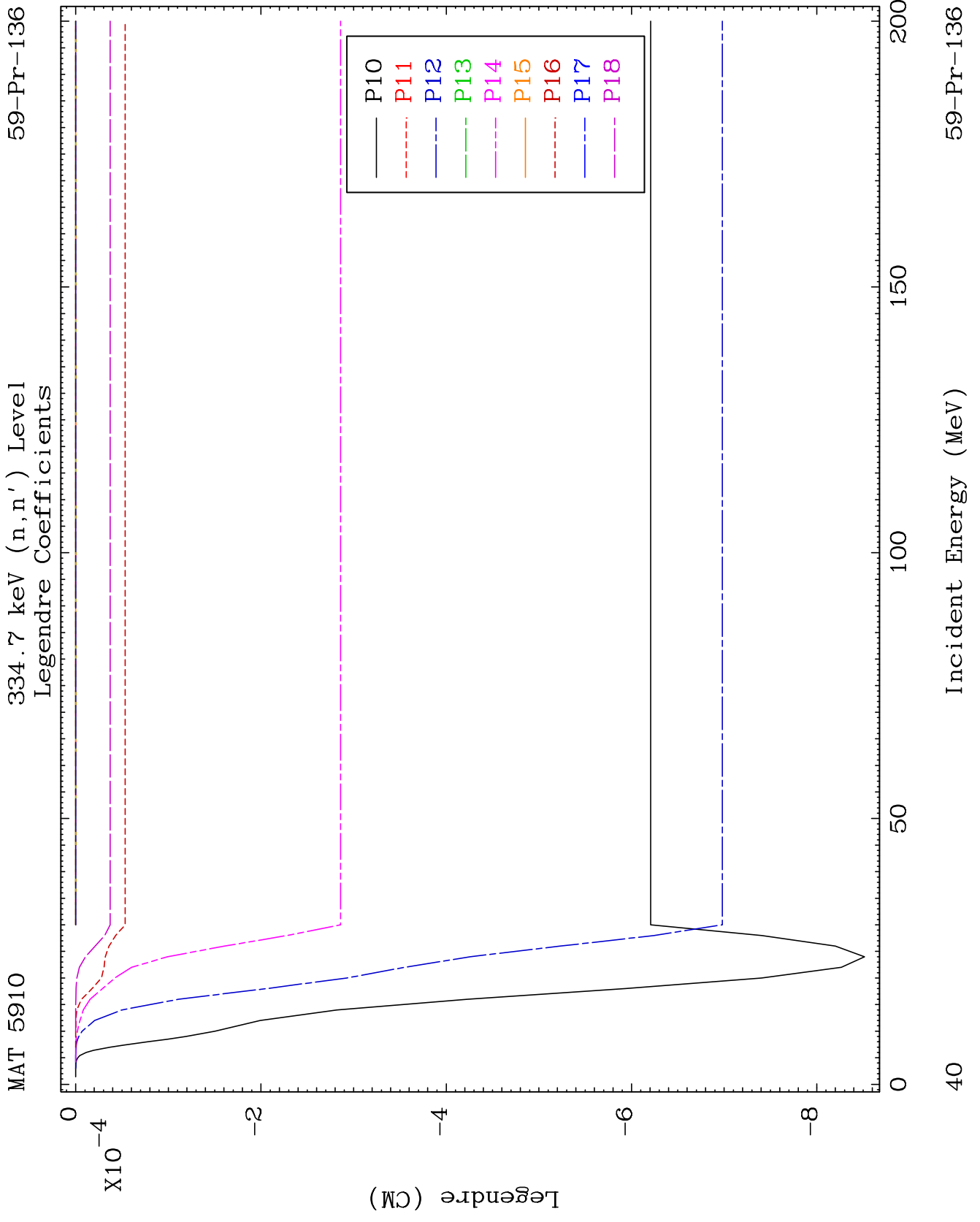


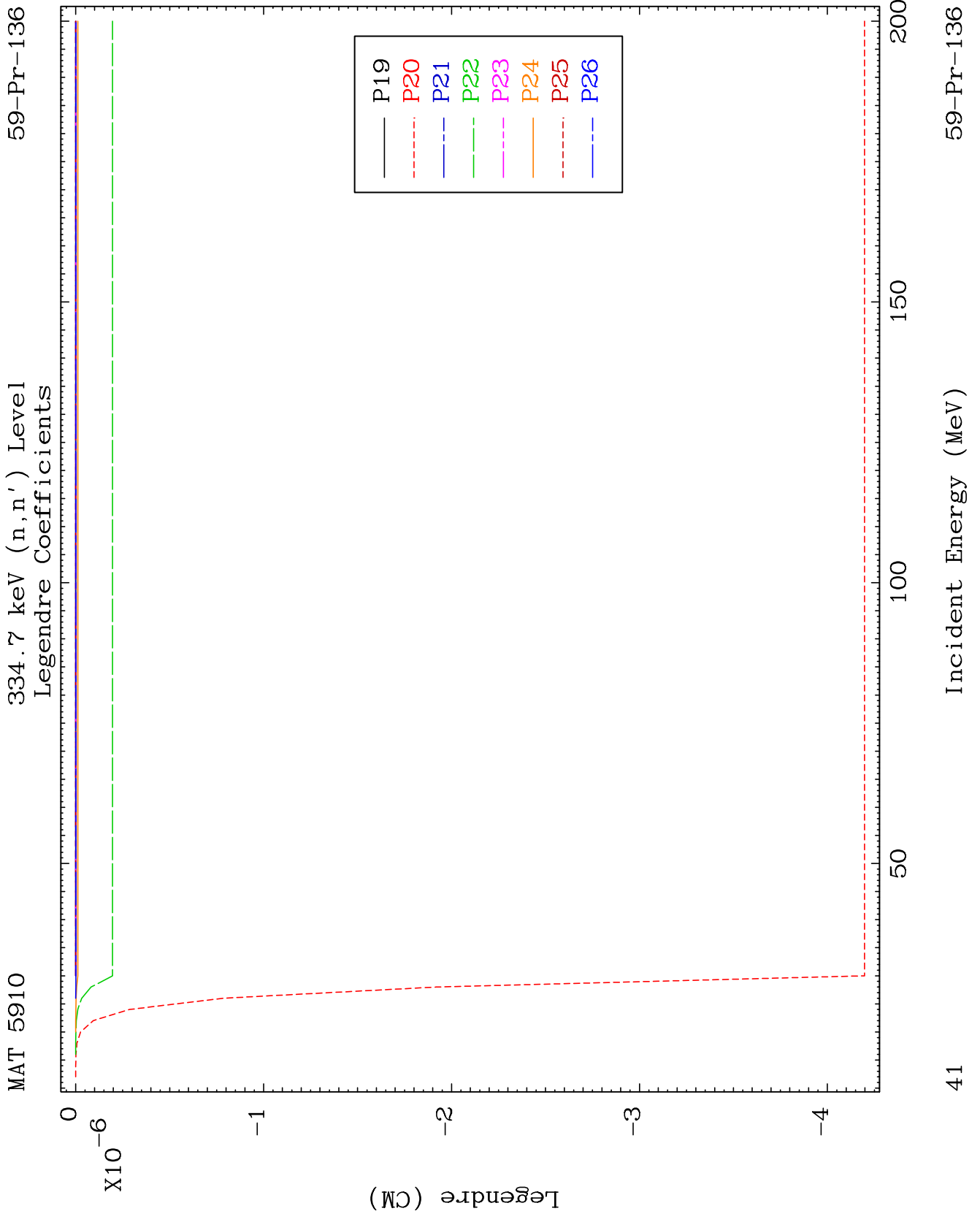








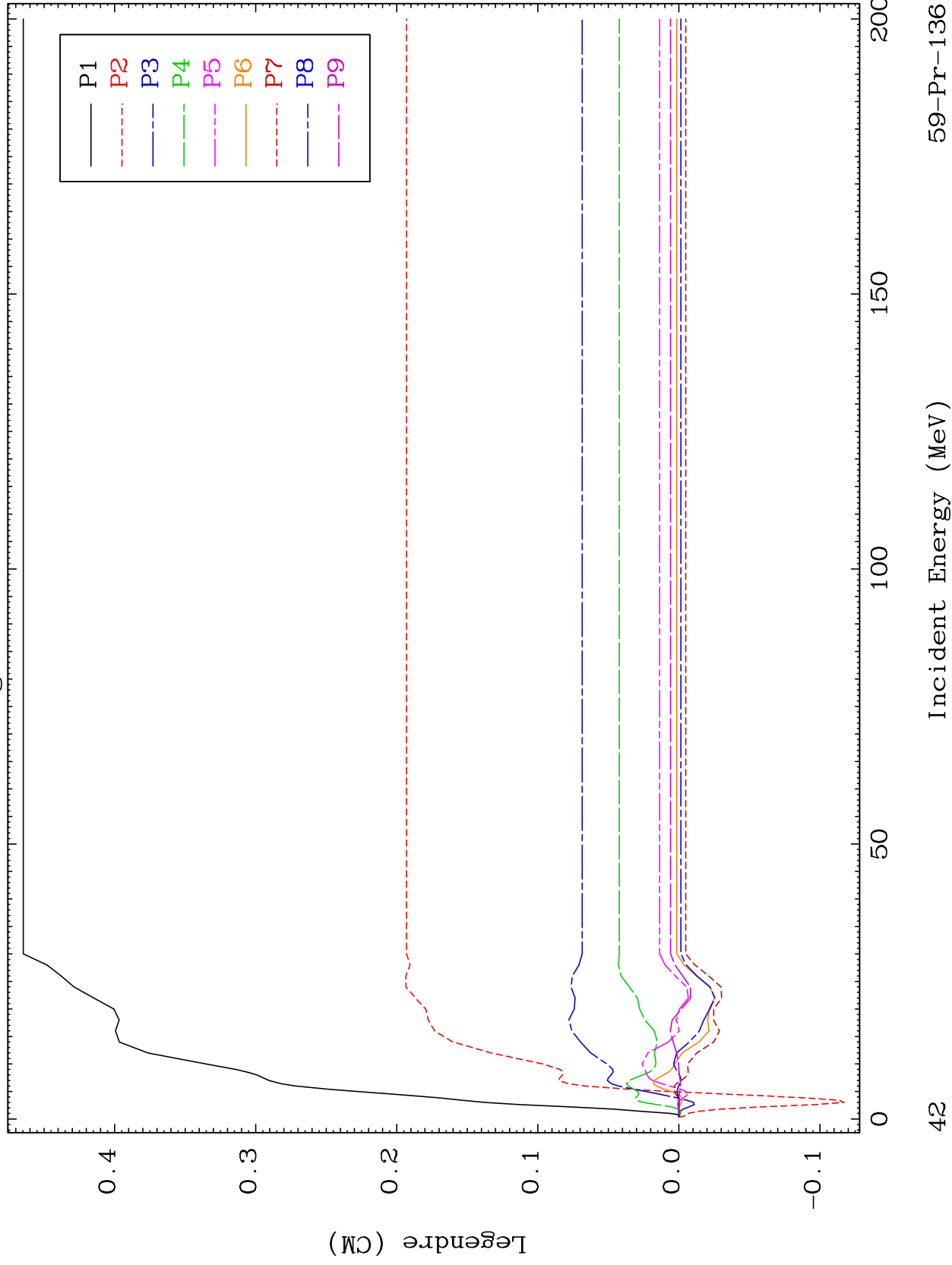




MAT 5910

338.4 keV (n,n') Level  
Legendre Coefficients

59-Pr-136



59-Pr-136

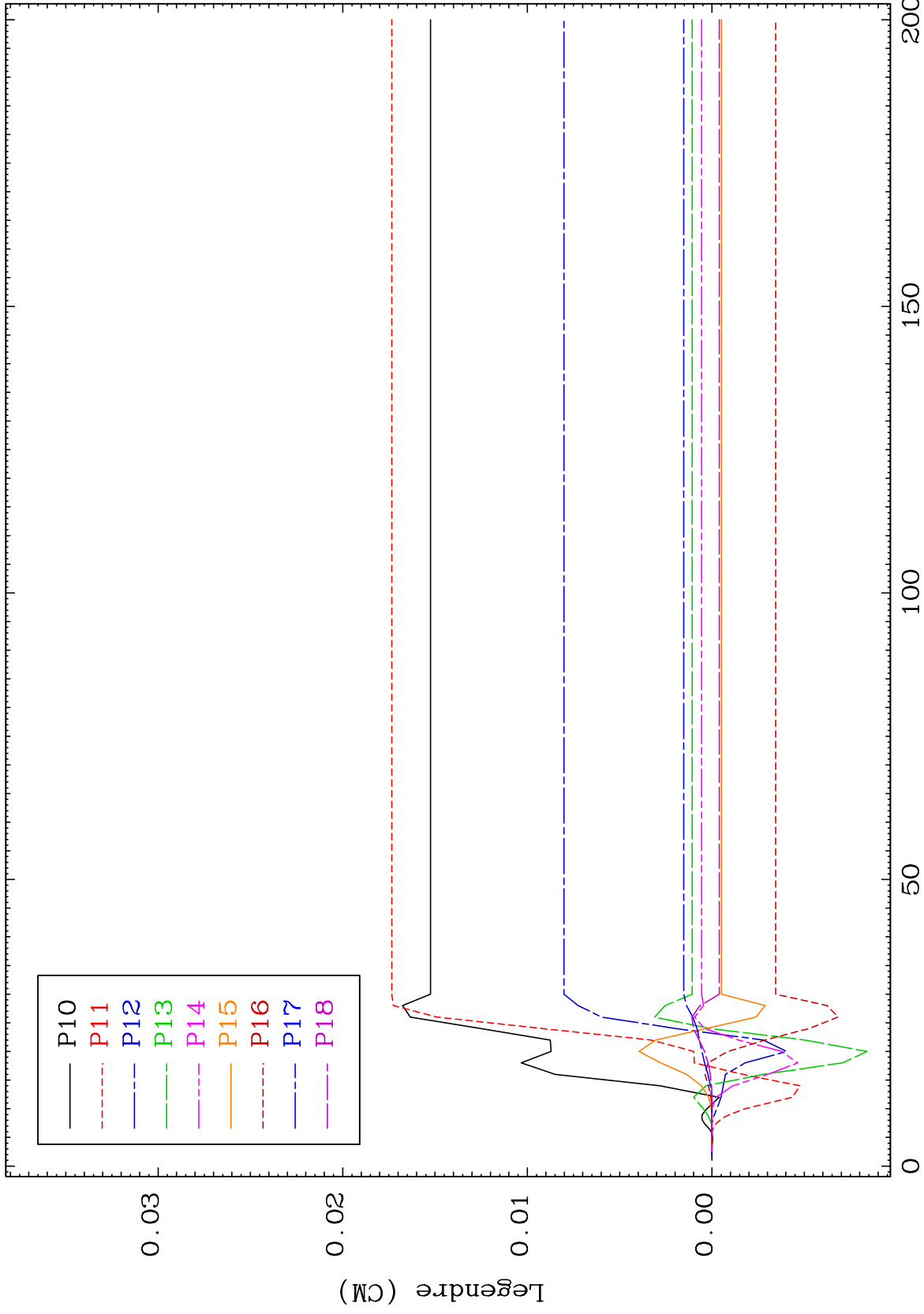
Incident Energy (MeV)

42

MAT 5910

338.4 keV (n, n') Level  
Legendre Coefficients

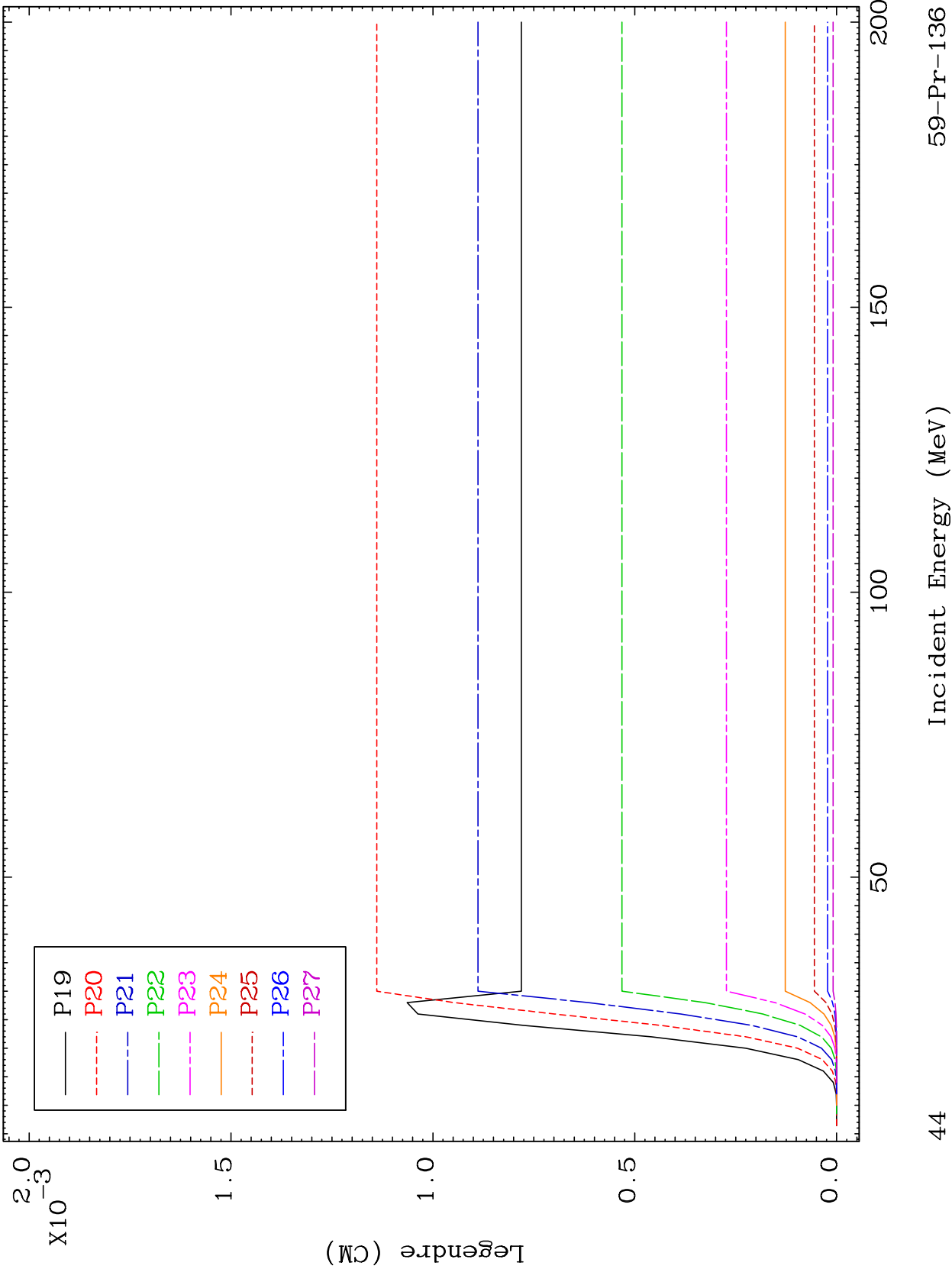
59-Pr-136



43

Incident Energy (MeV)

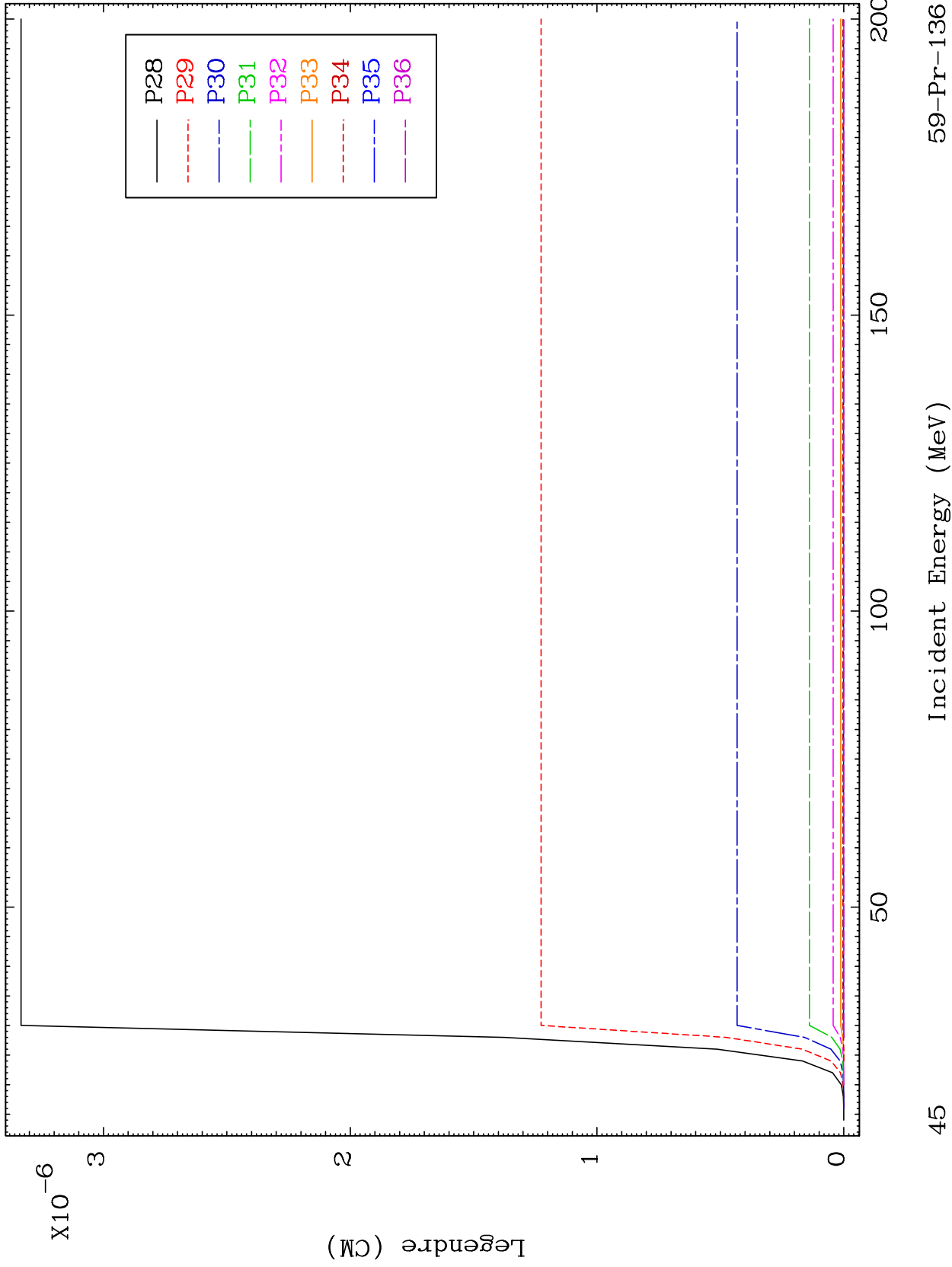
59-Pr-136

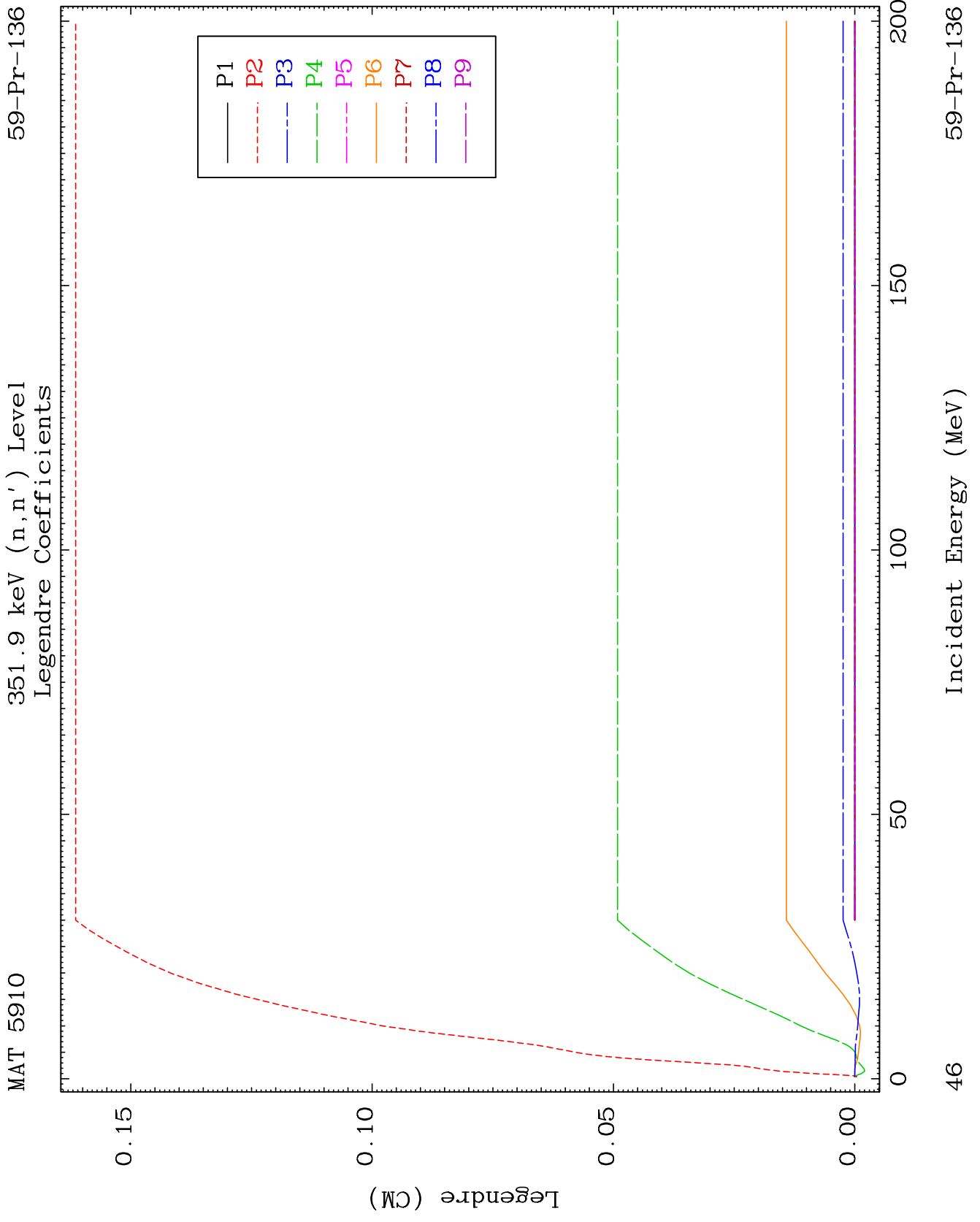


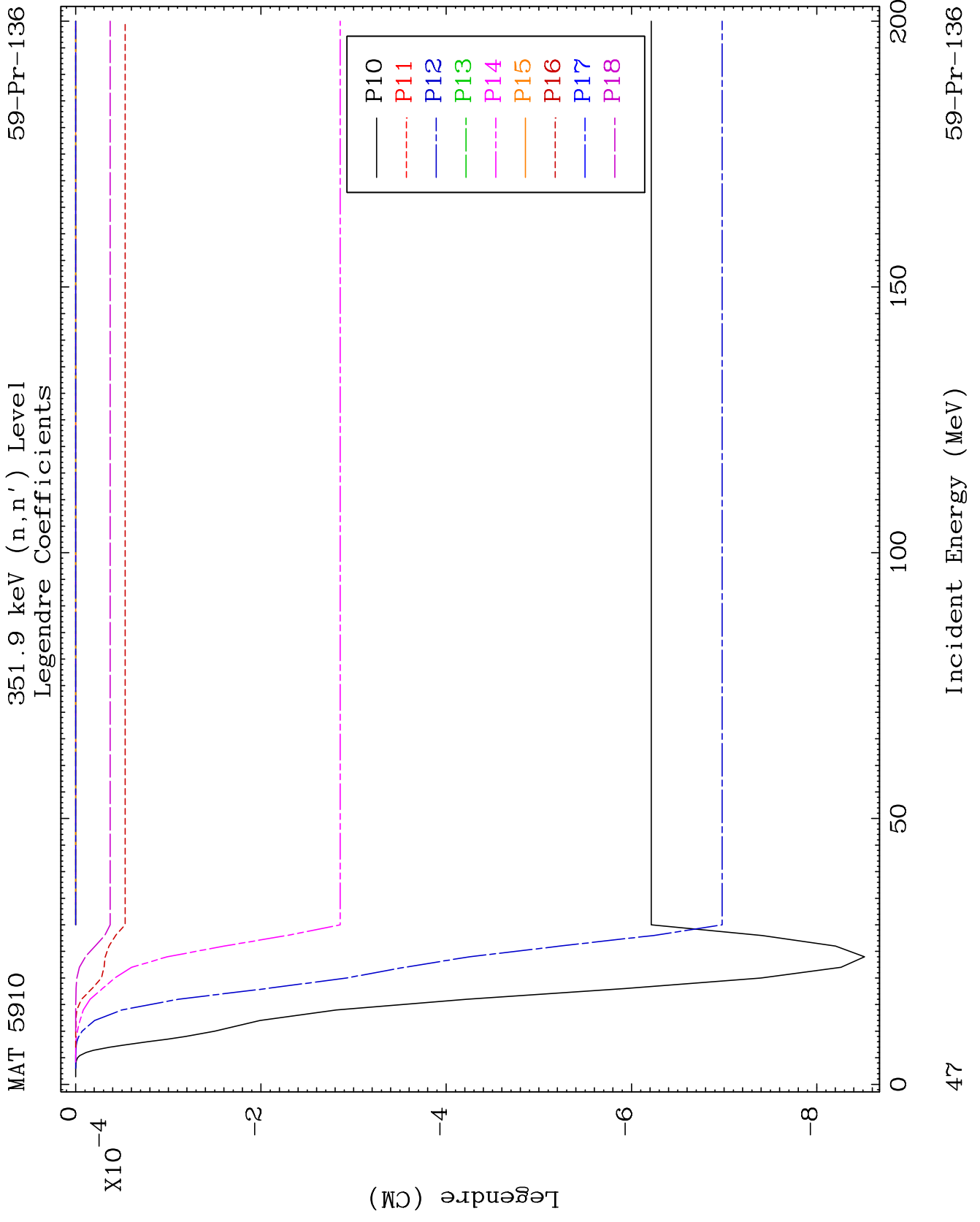
MAT 5910

338.4 keV (n,n') Level  
Legendre Coefficients

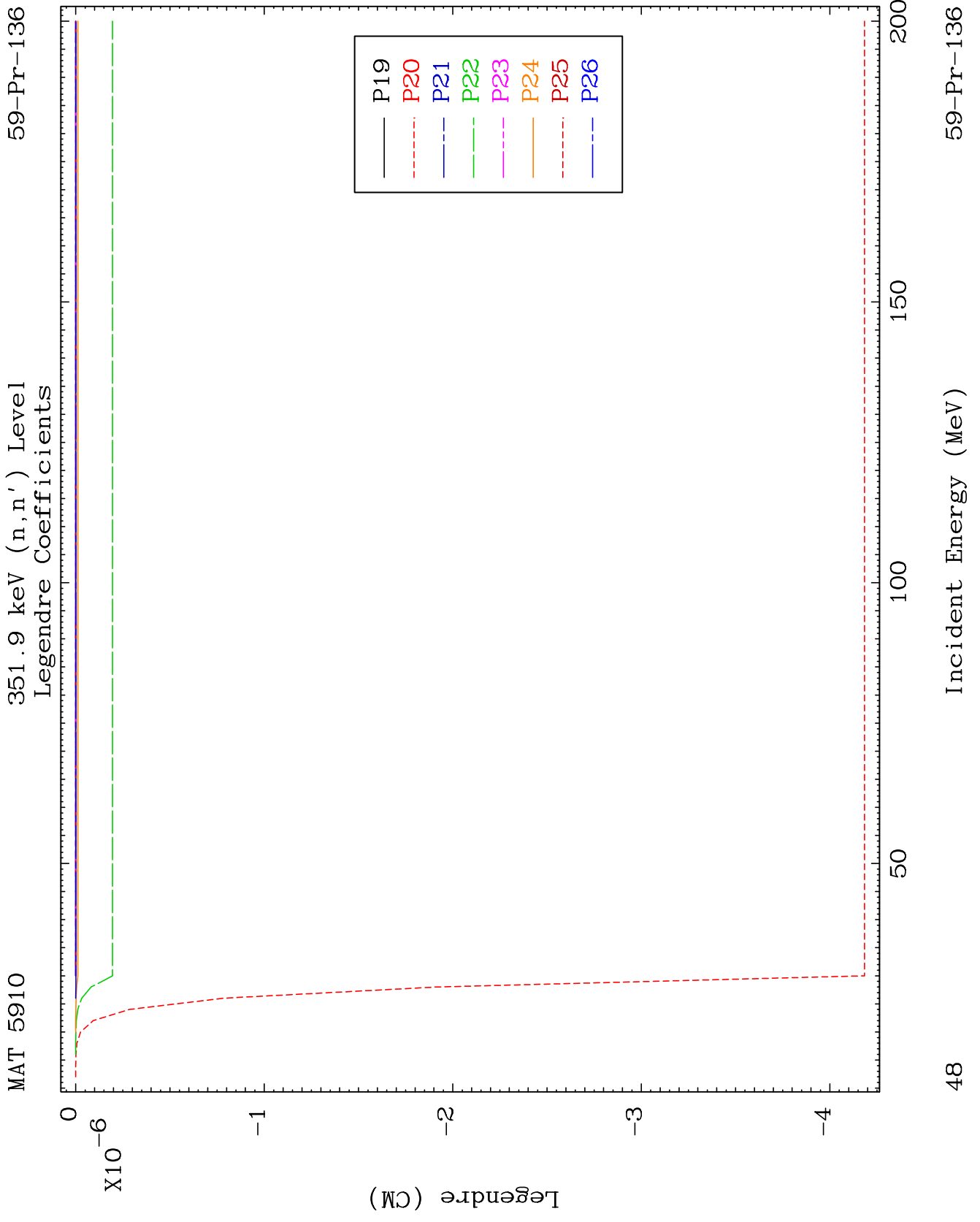
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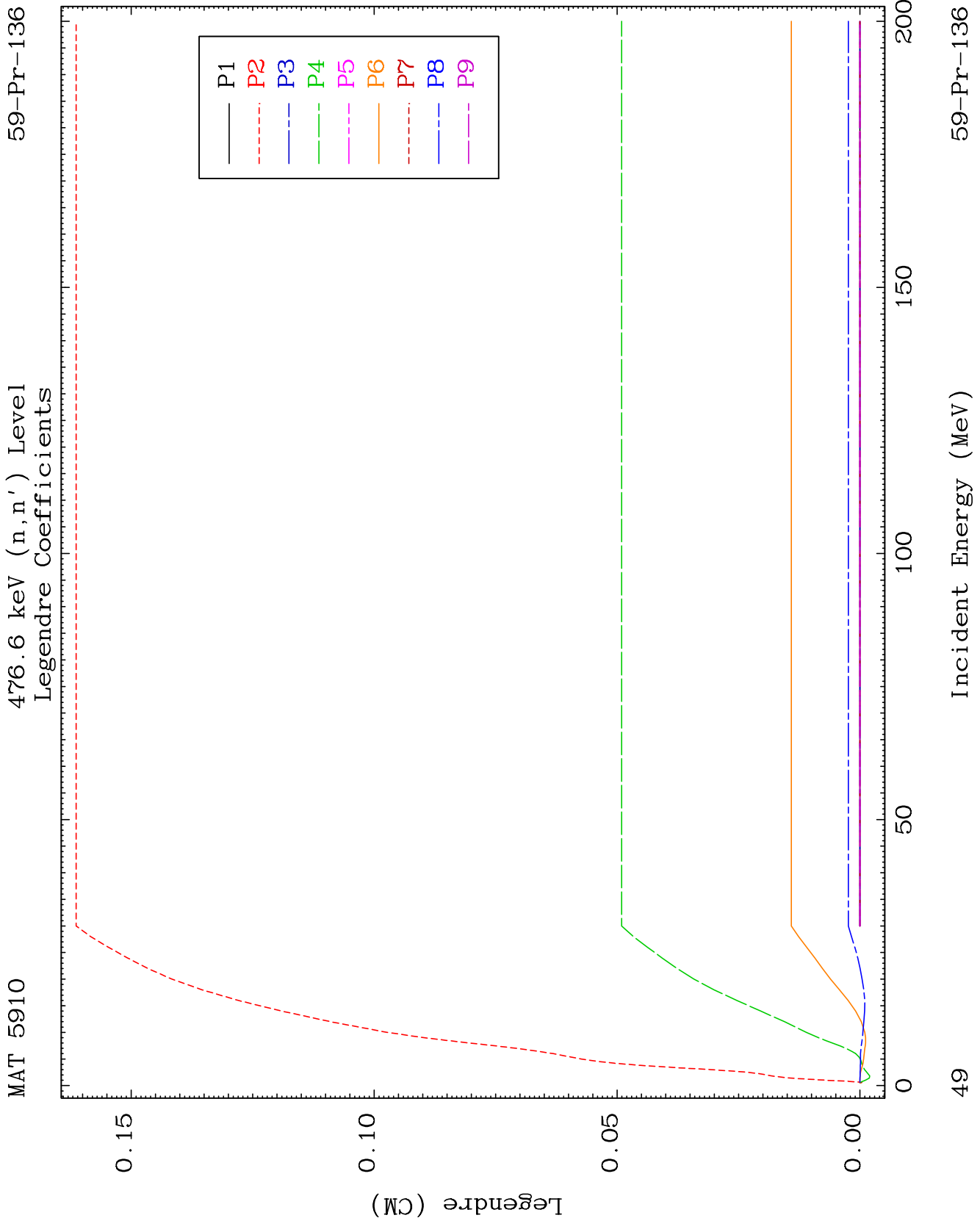




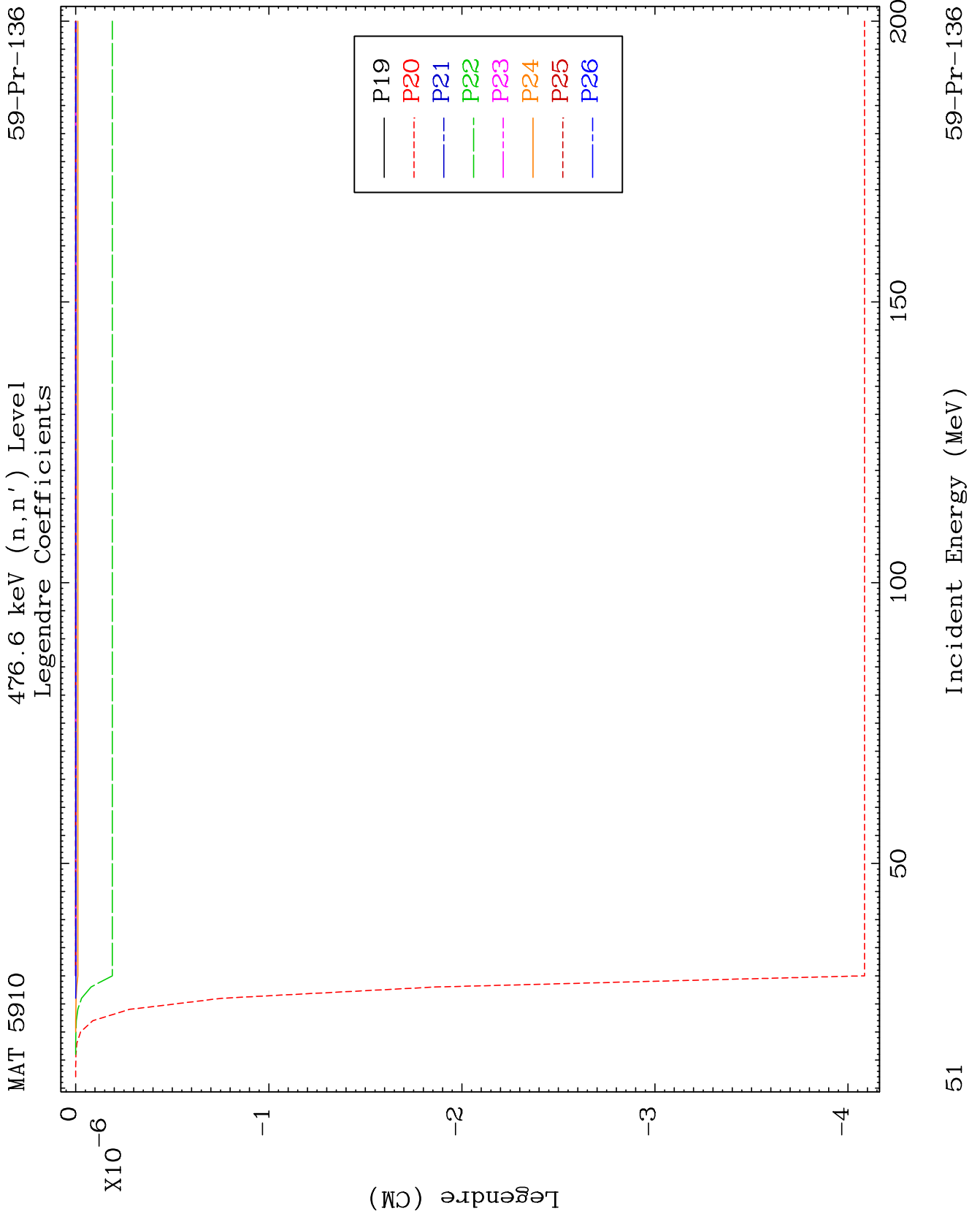








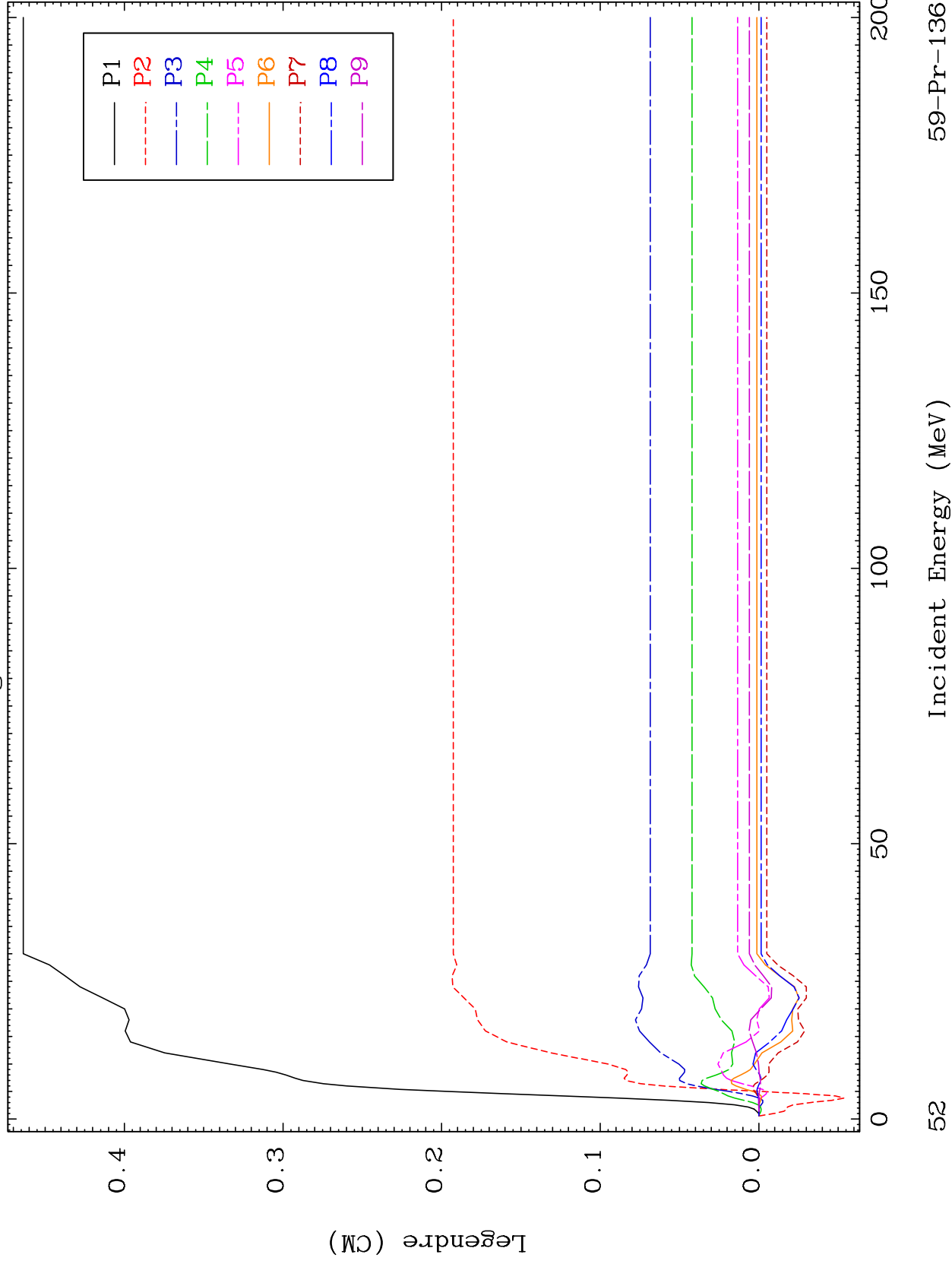




MAT 5910

547.8 keV (n,n') Level  
Legendre Coefficients

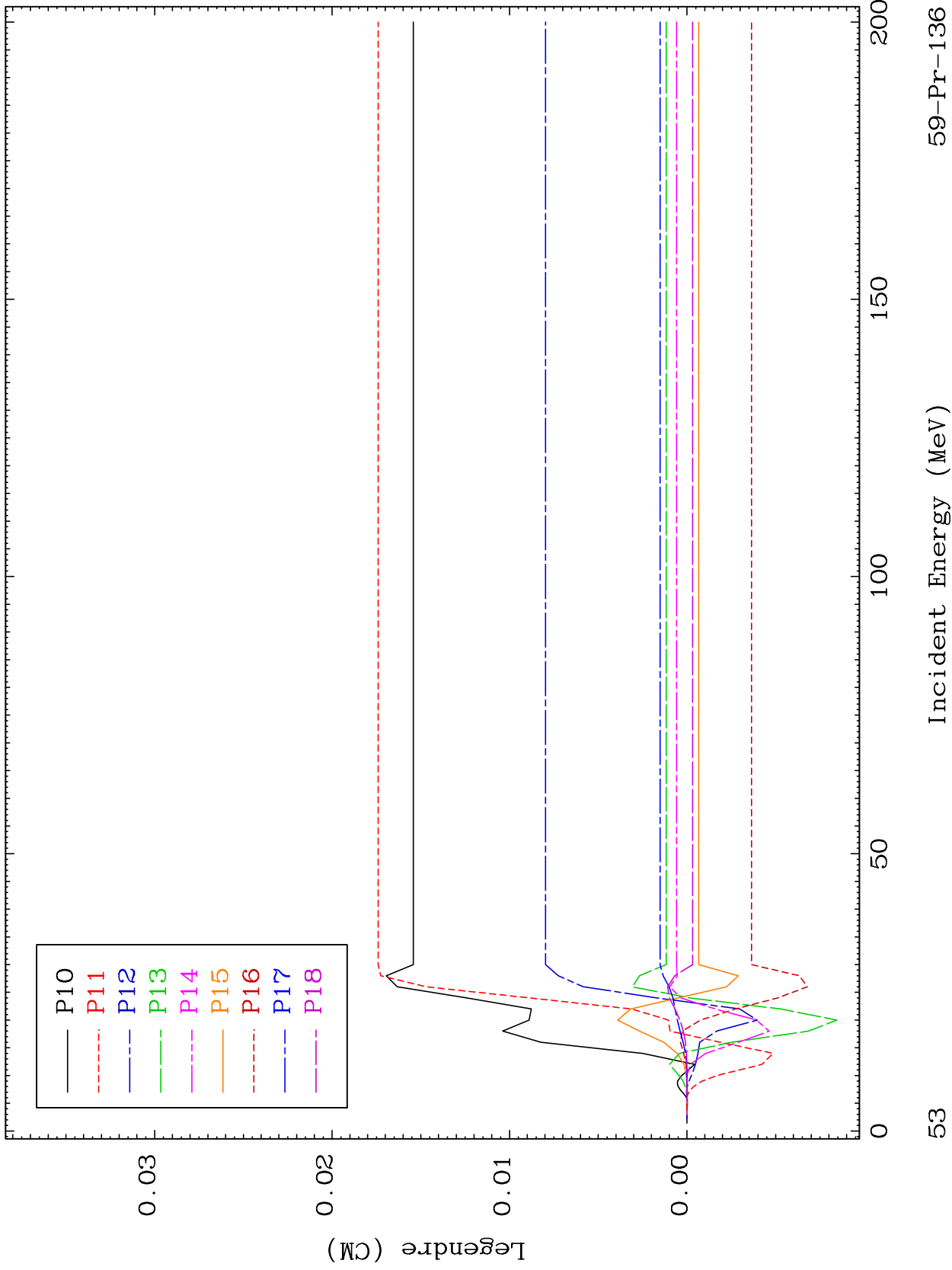
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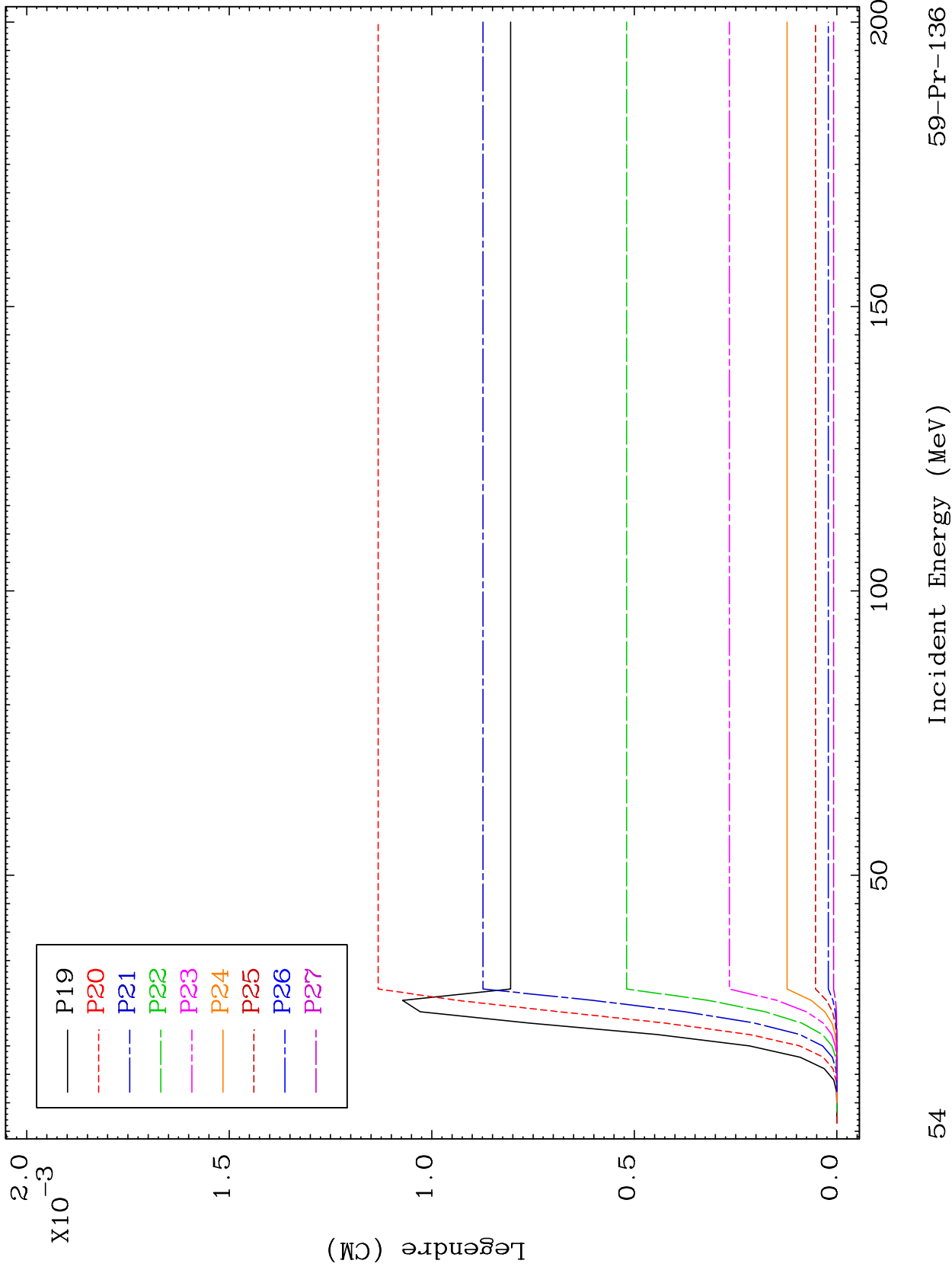


59-Pr-136

Incident Energy (MeV)

52

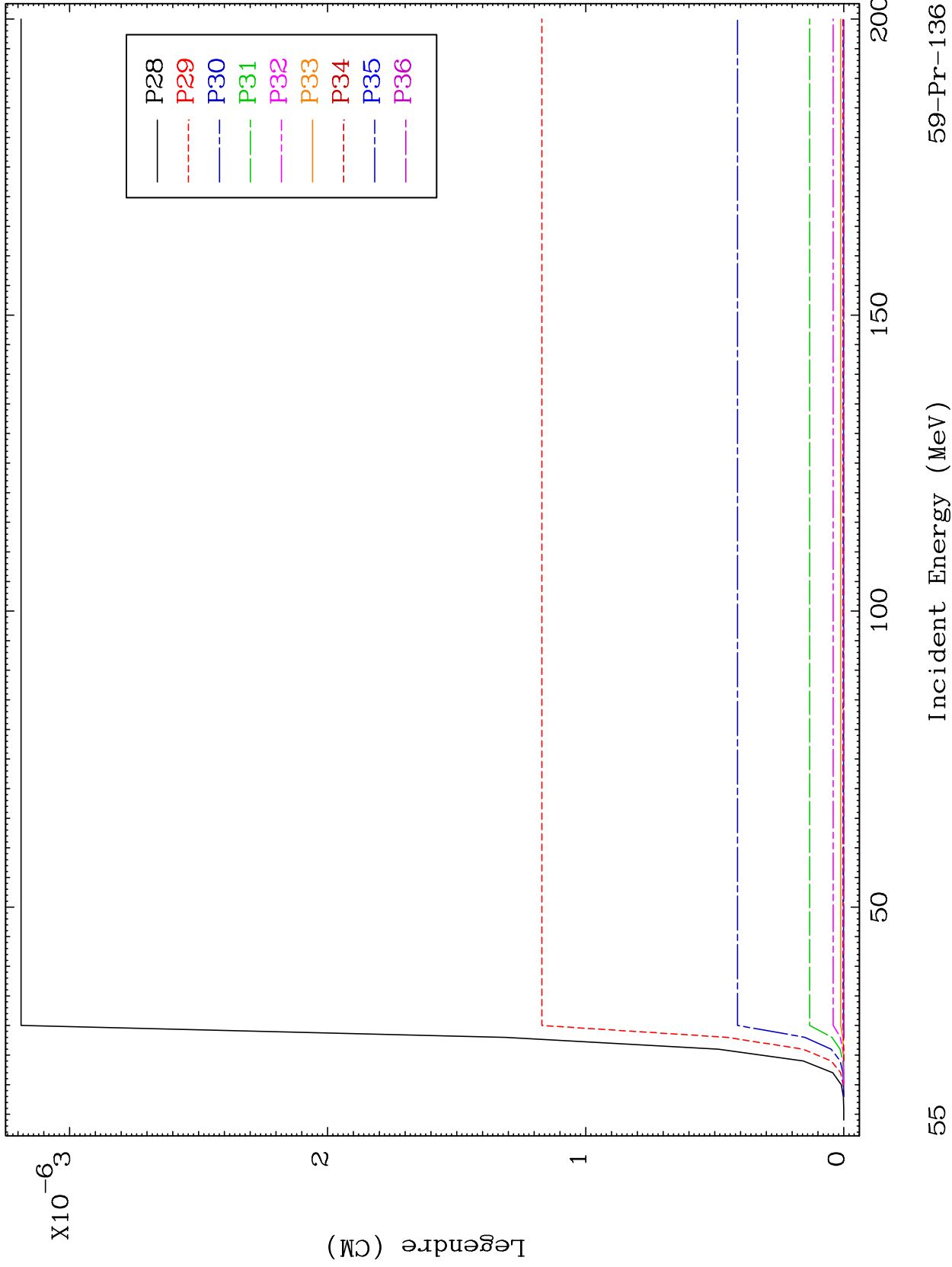




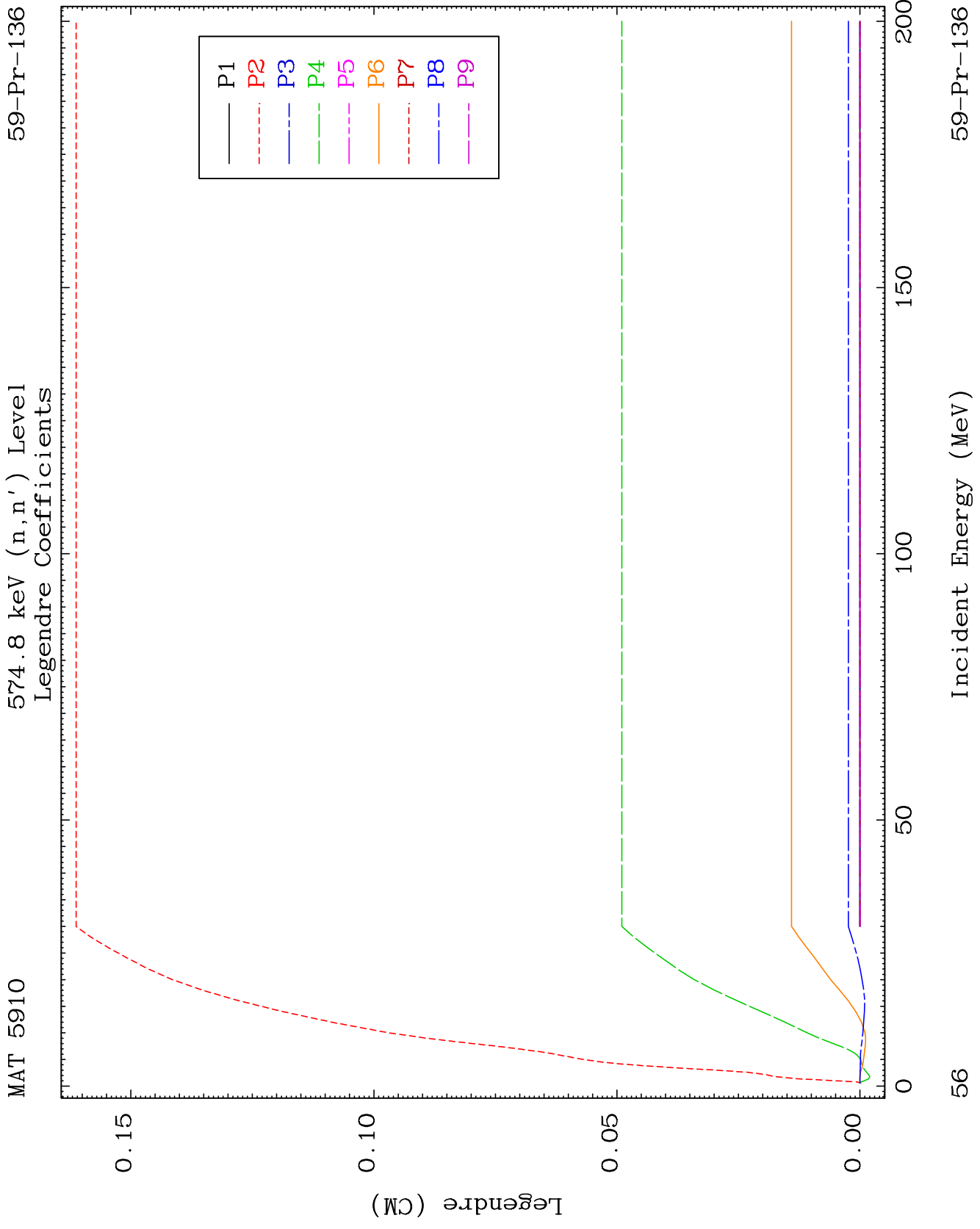
MAT 5910

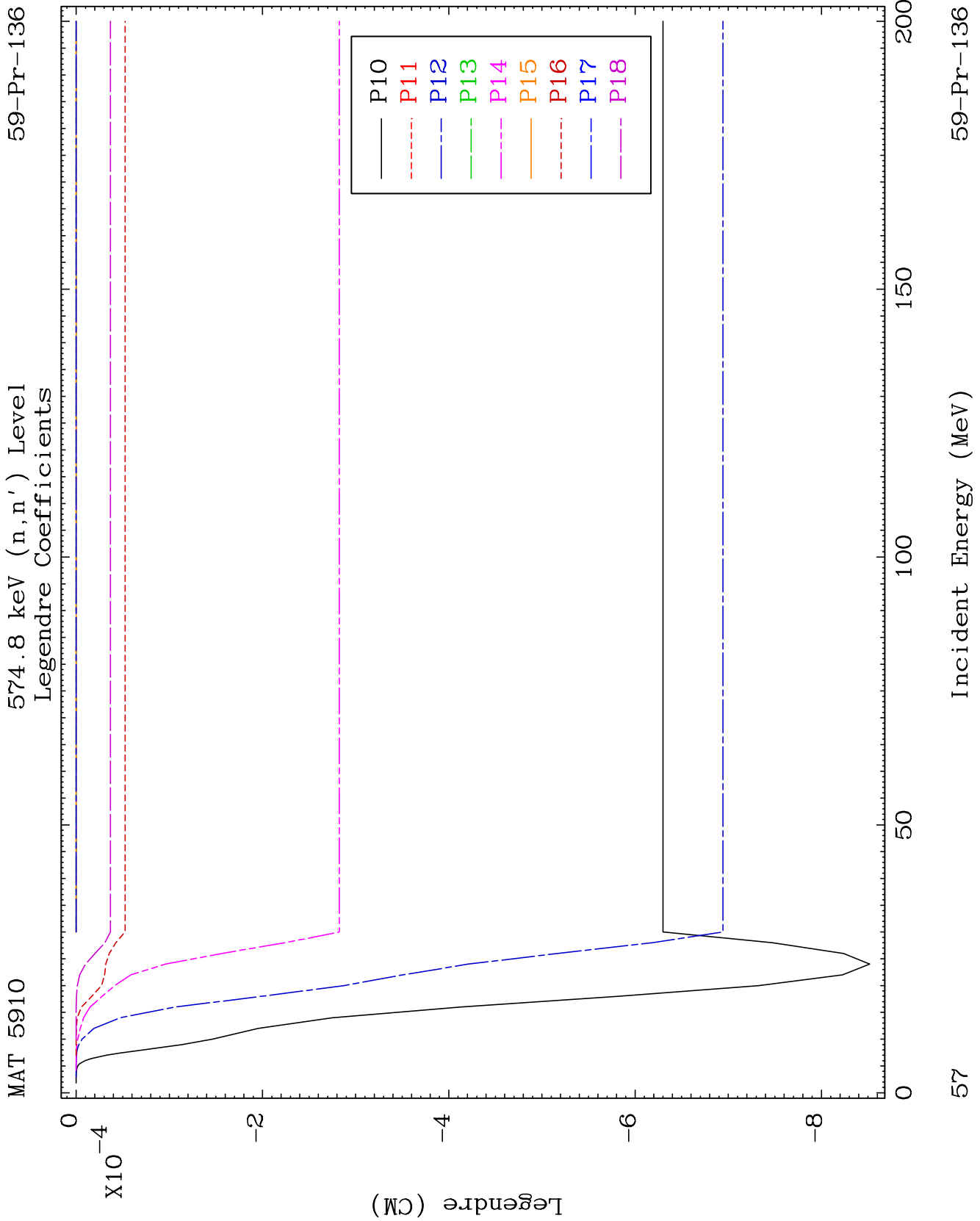
547.8 keV (n,n') Level  
Legendre Coefficients

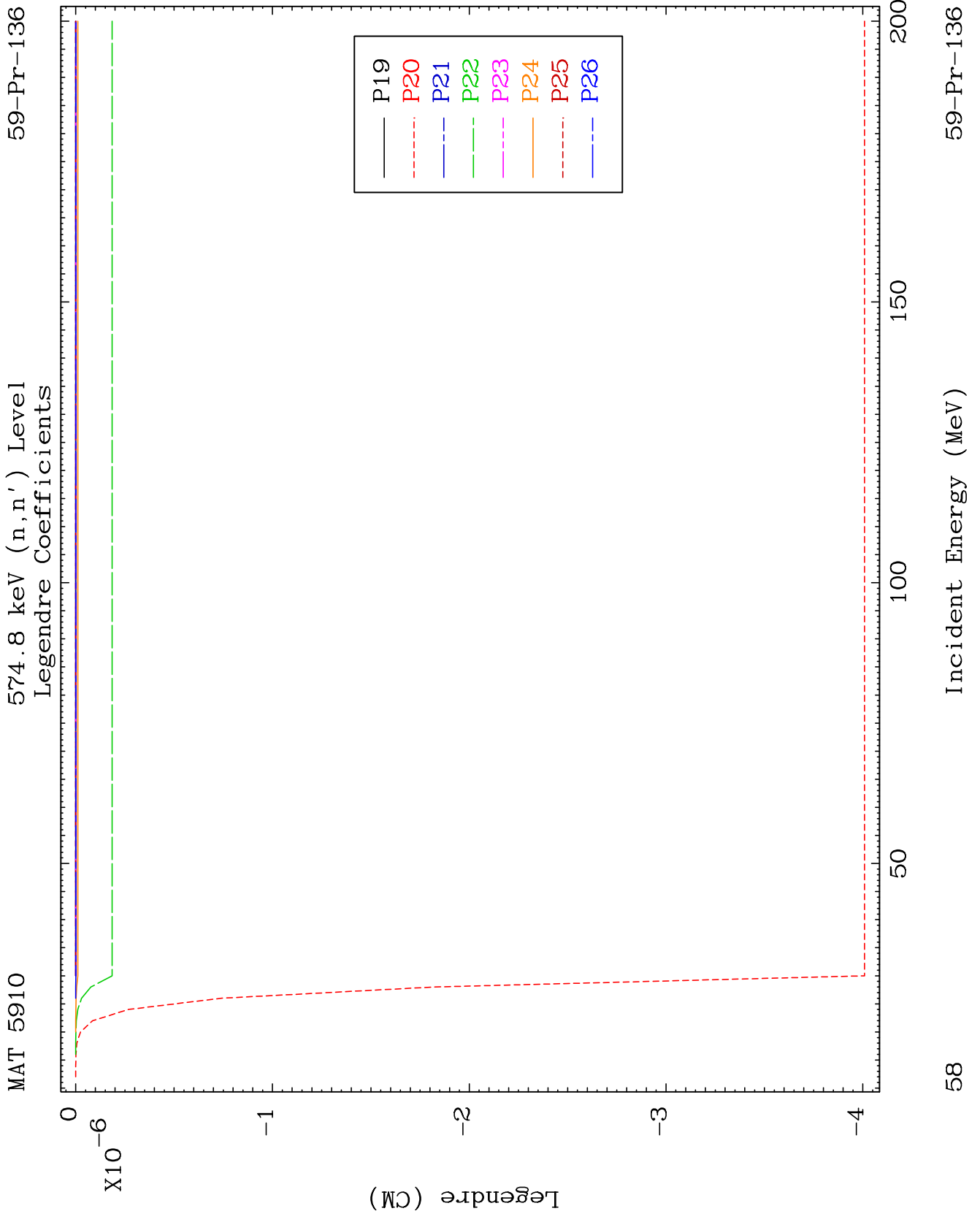
59-Pr-136







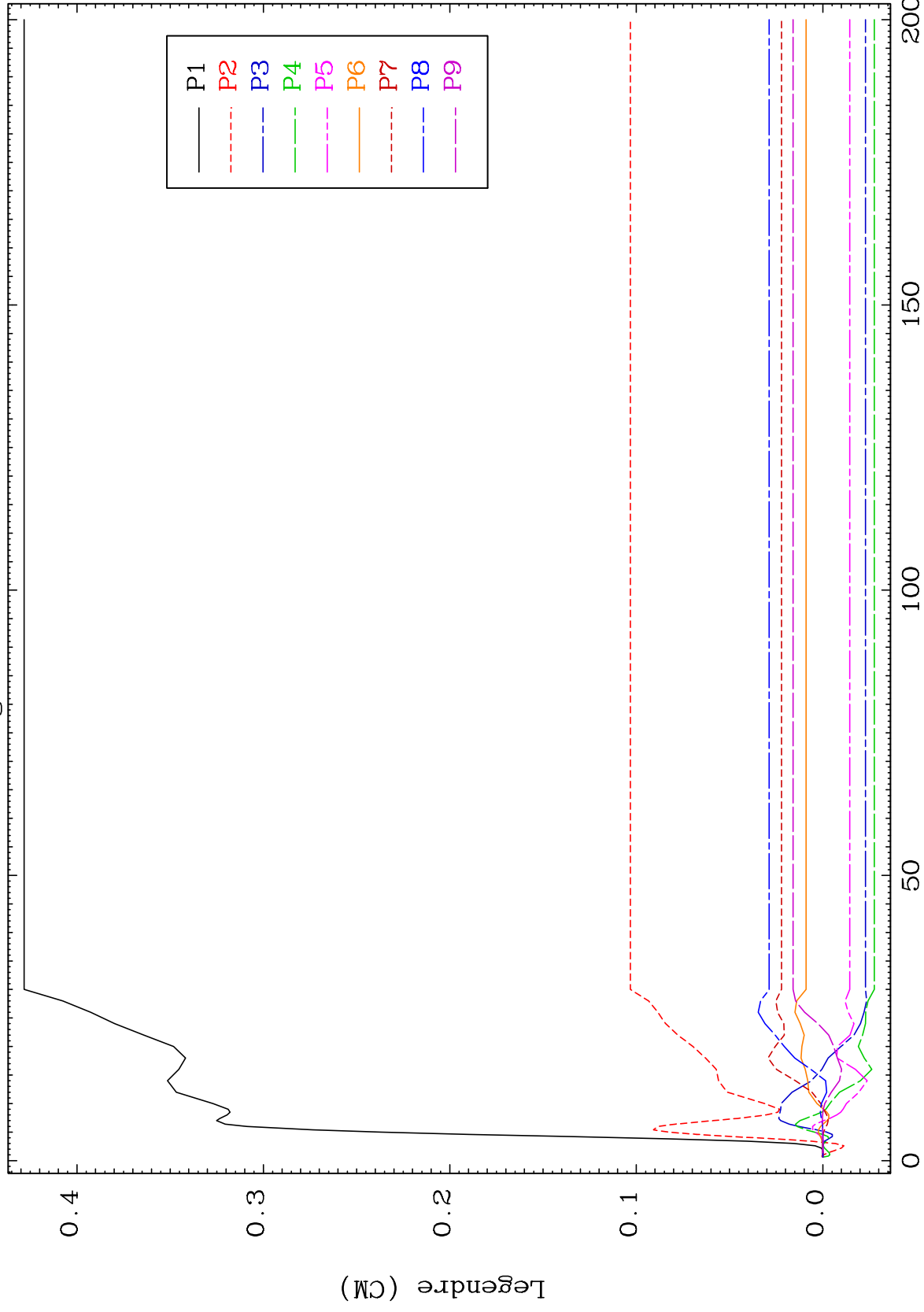




MAT 5910

594.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-136

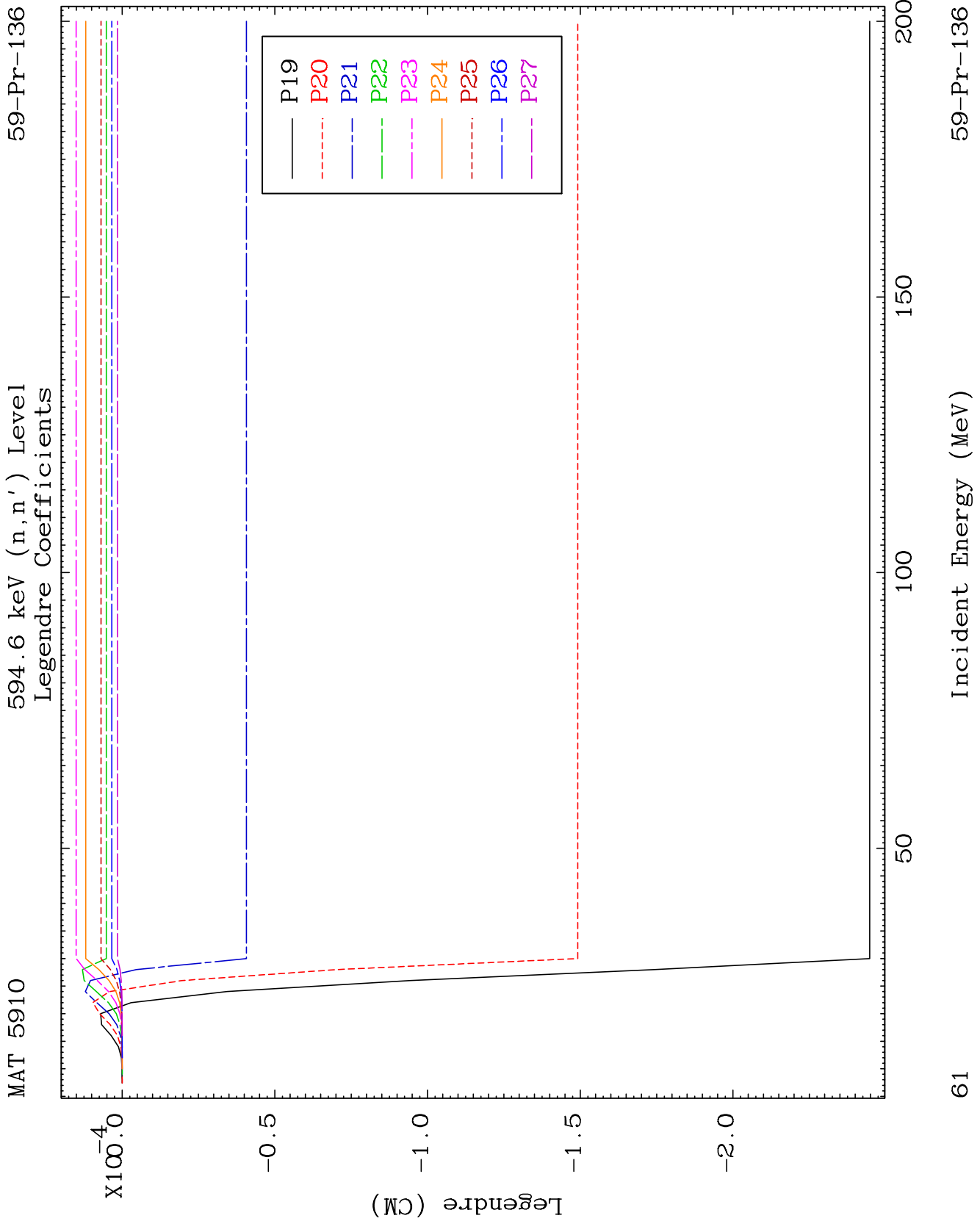


59

Incident Energy (MeV)

59-Pr-136

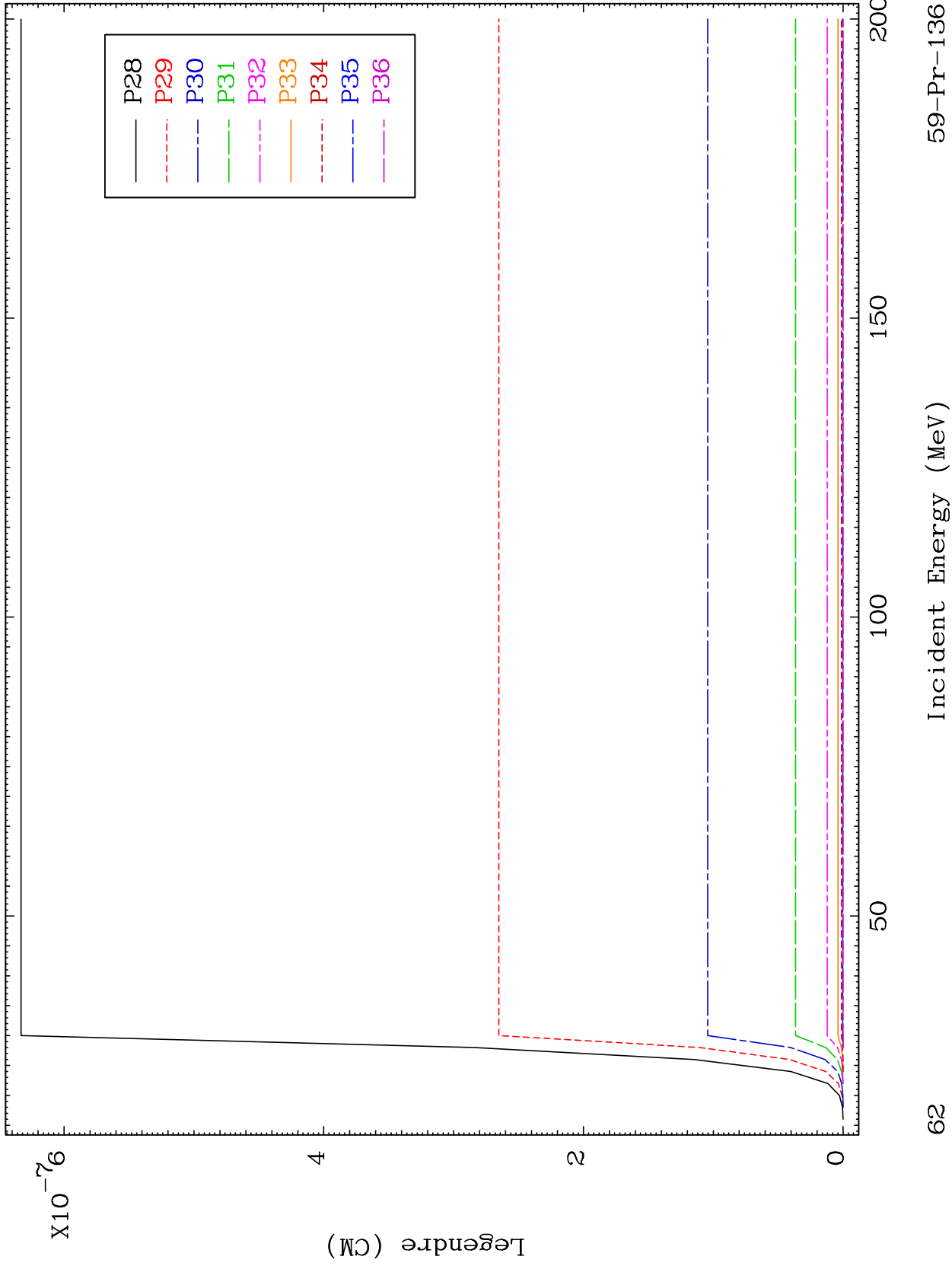


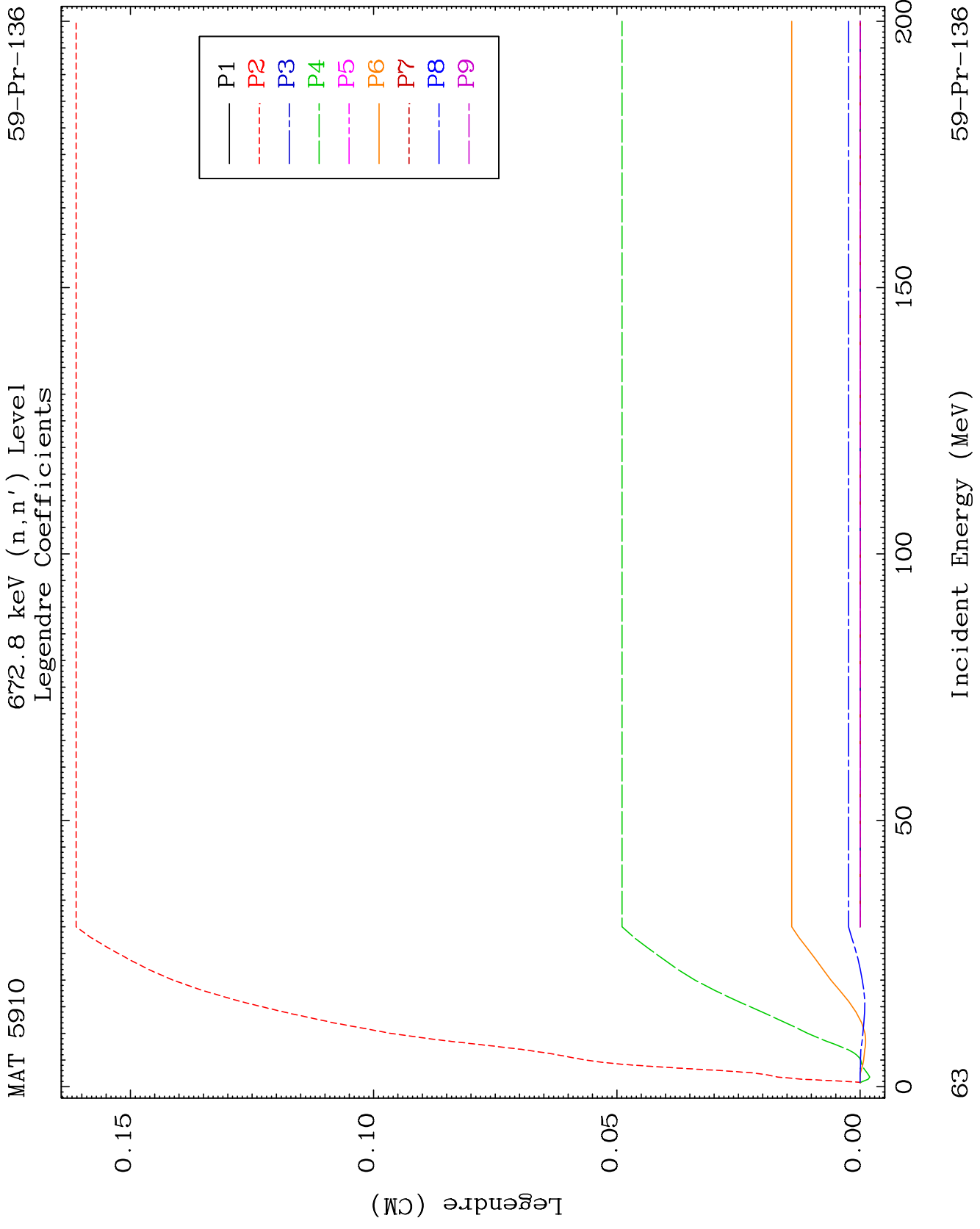


MAT 5910

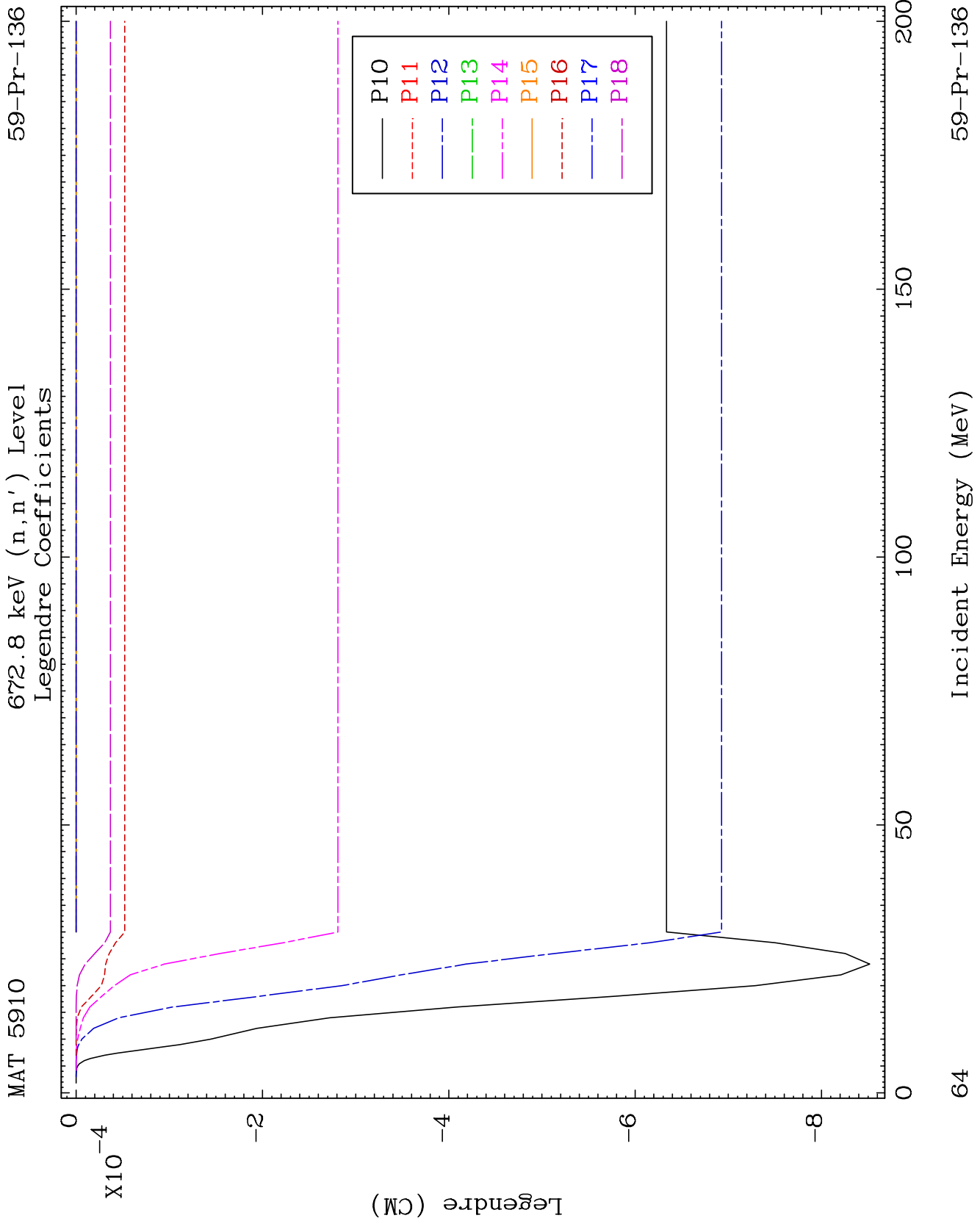
594.6 keV (n,n') Level  
Legendre Coefficients

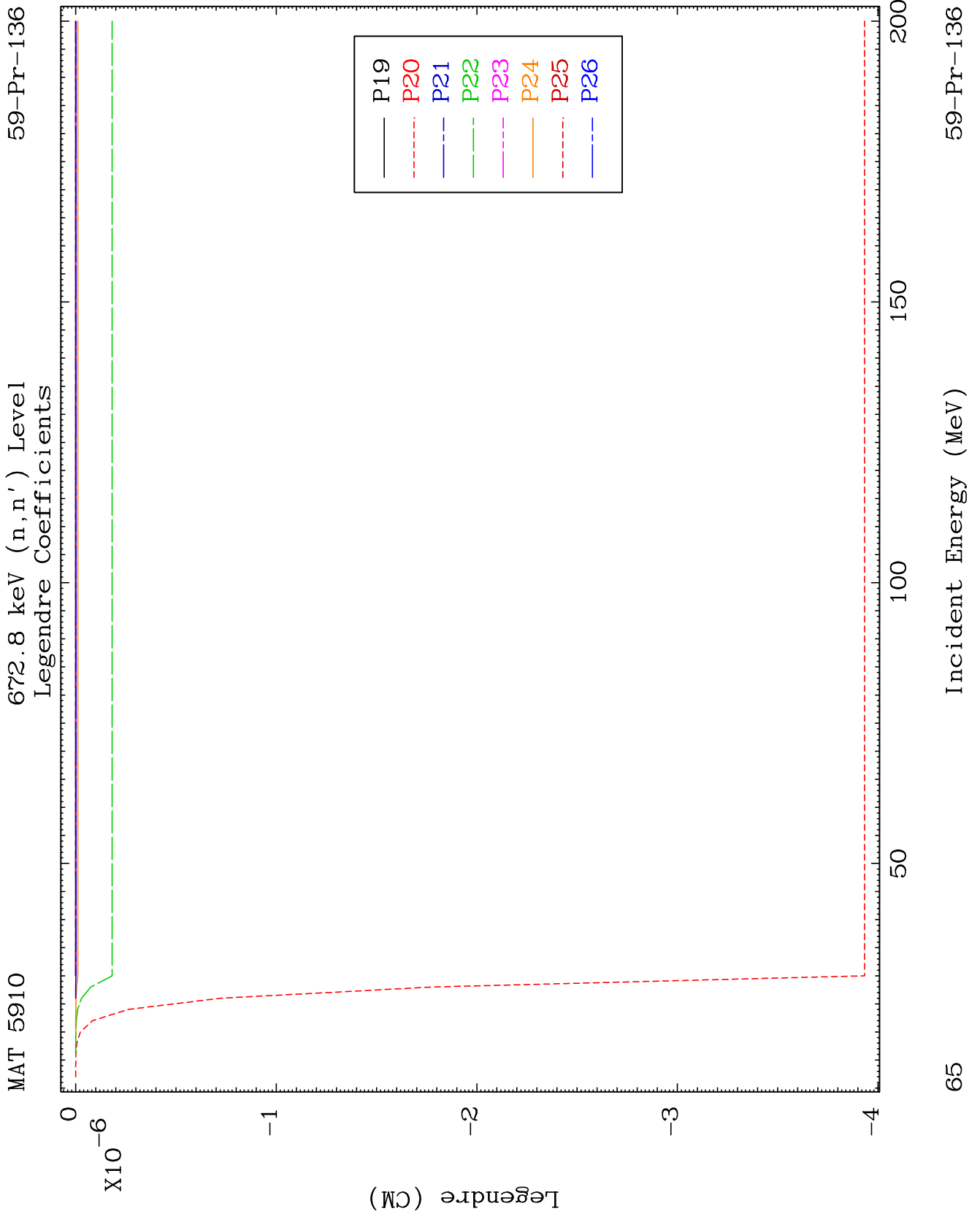
59-Pr-136



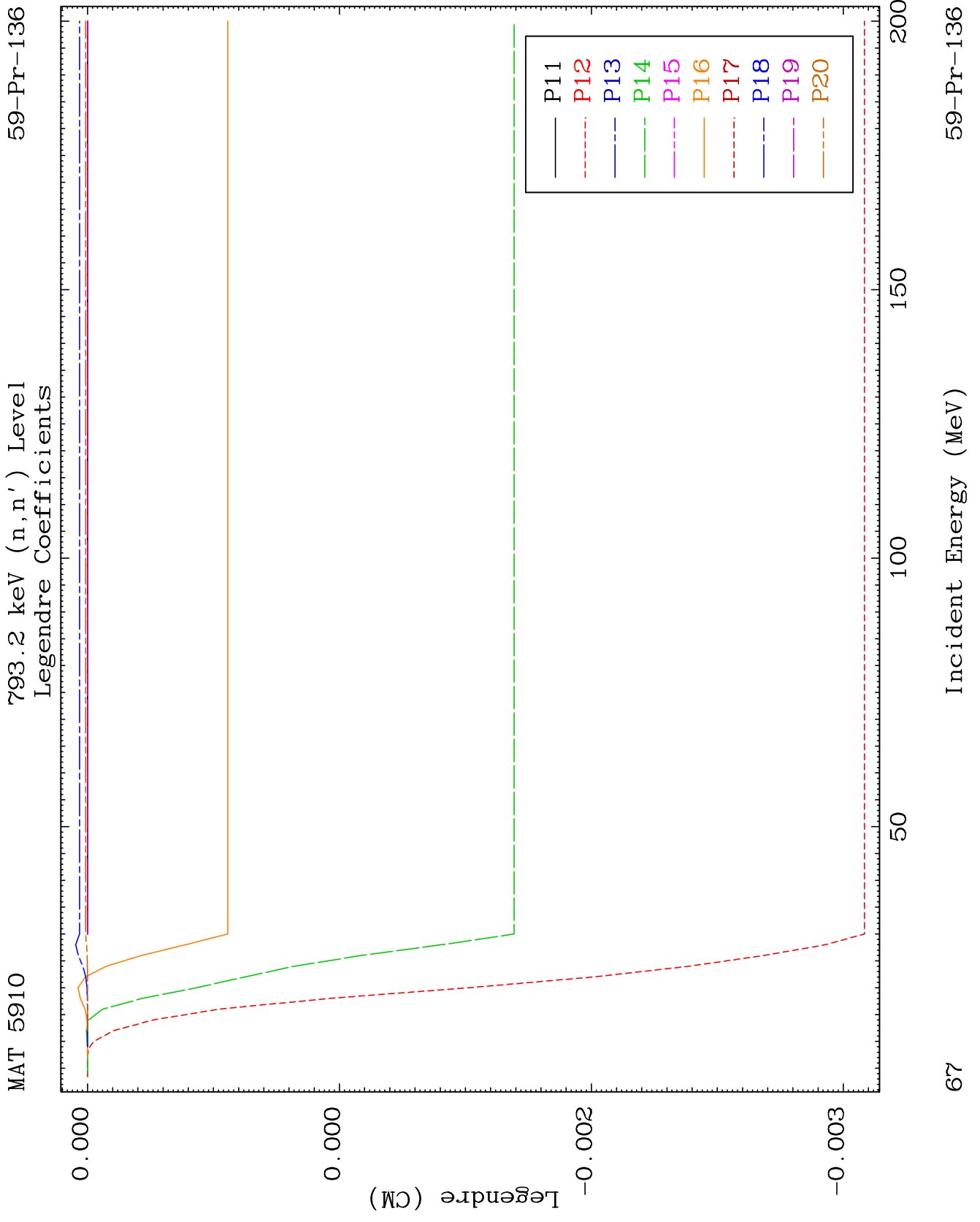










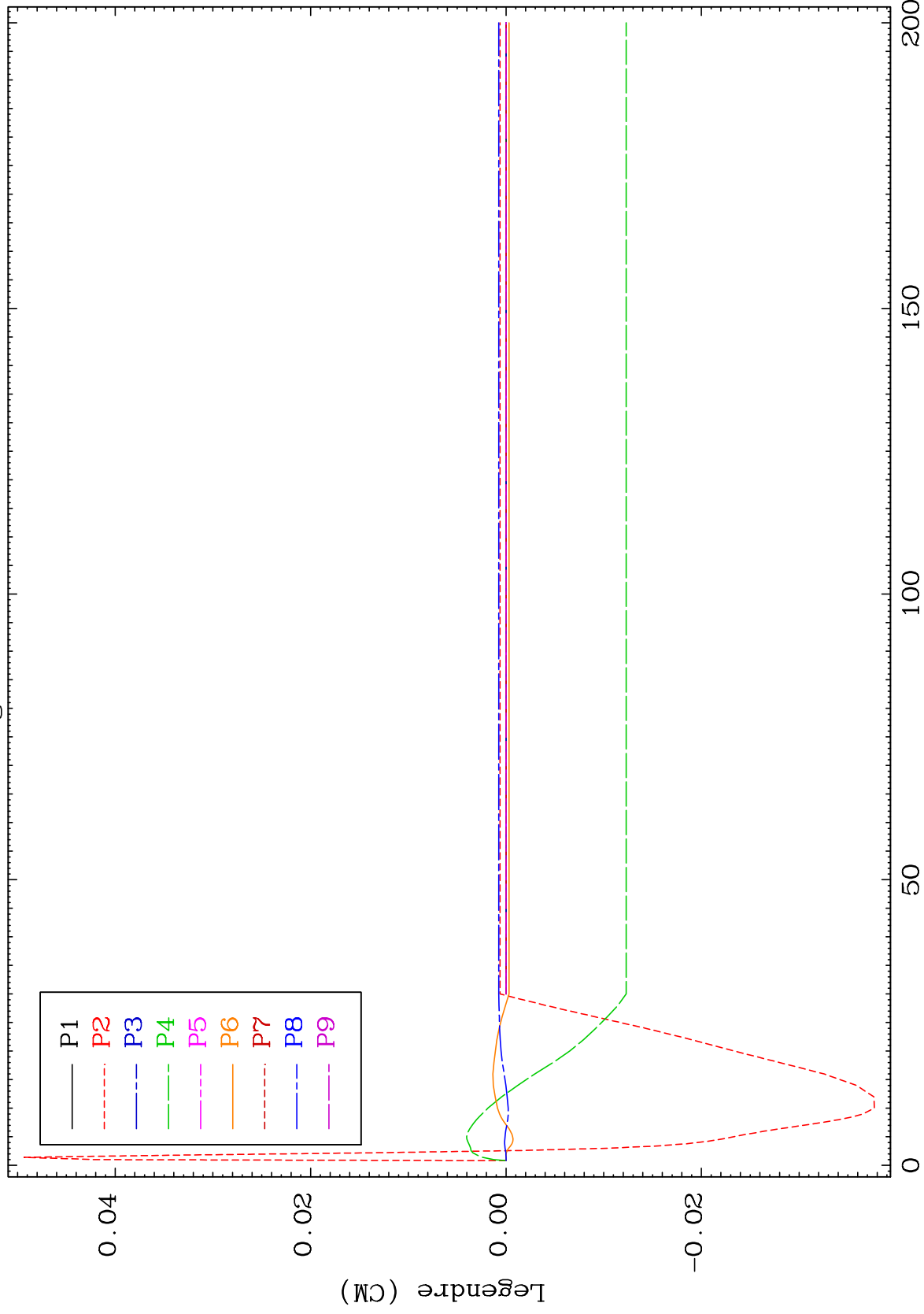




MAT 5910

804.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-136



59-Pr-136

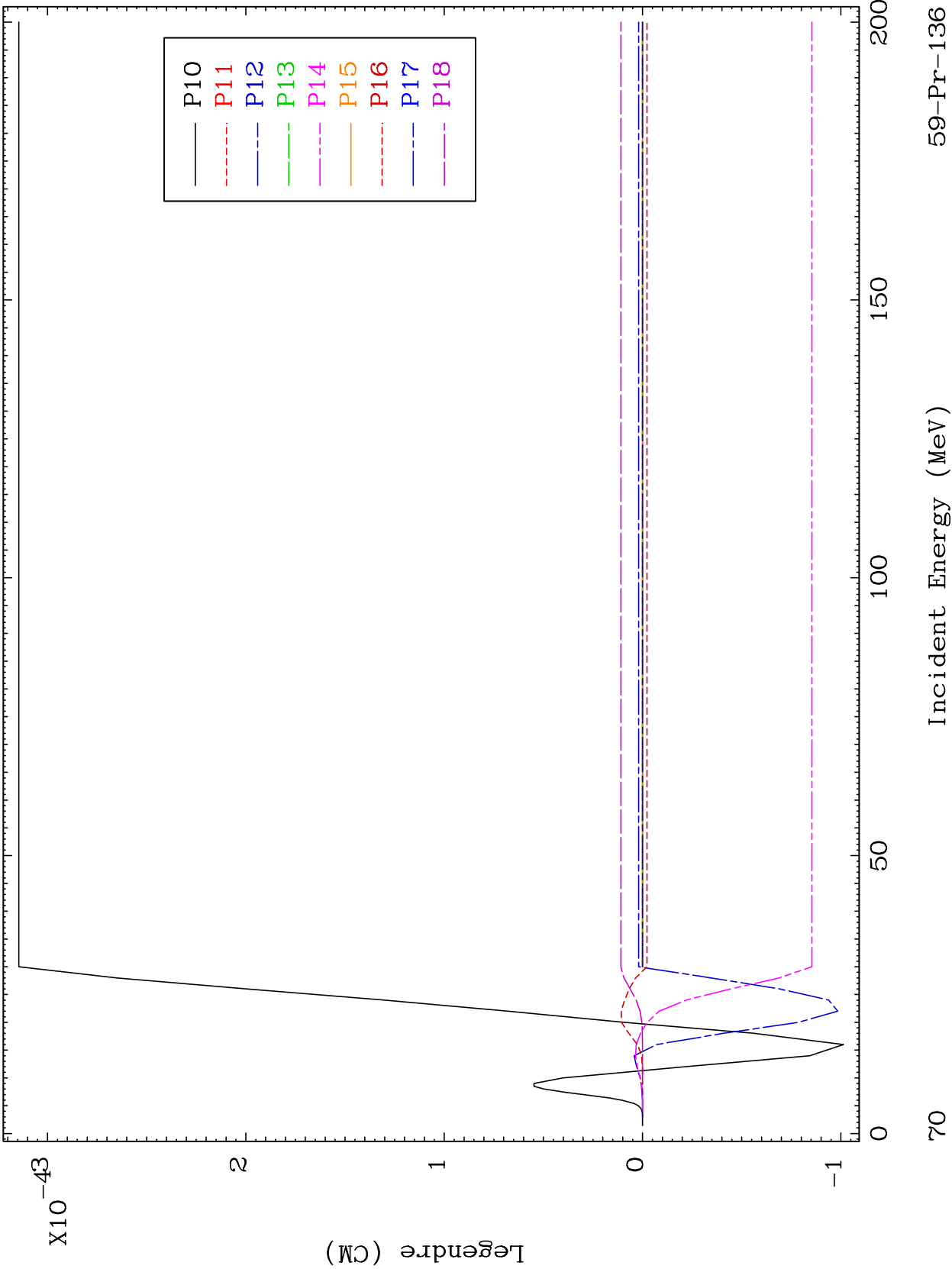
Incident Energy (MeV)

69

MAT 5910

804.0 keV (n,n') Level  
Legendre Coefficients

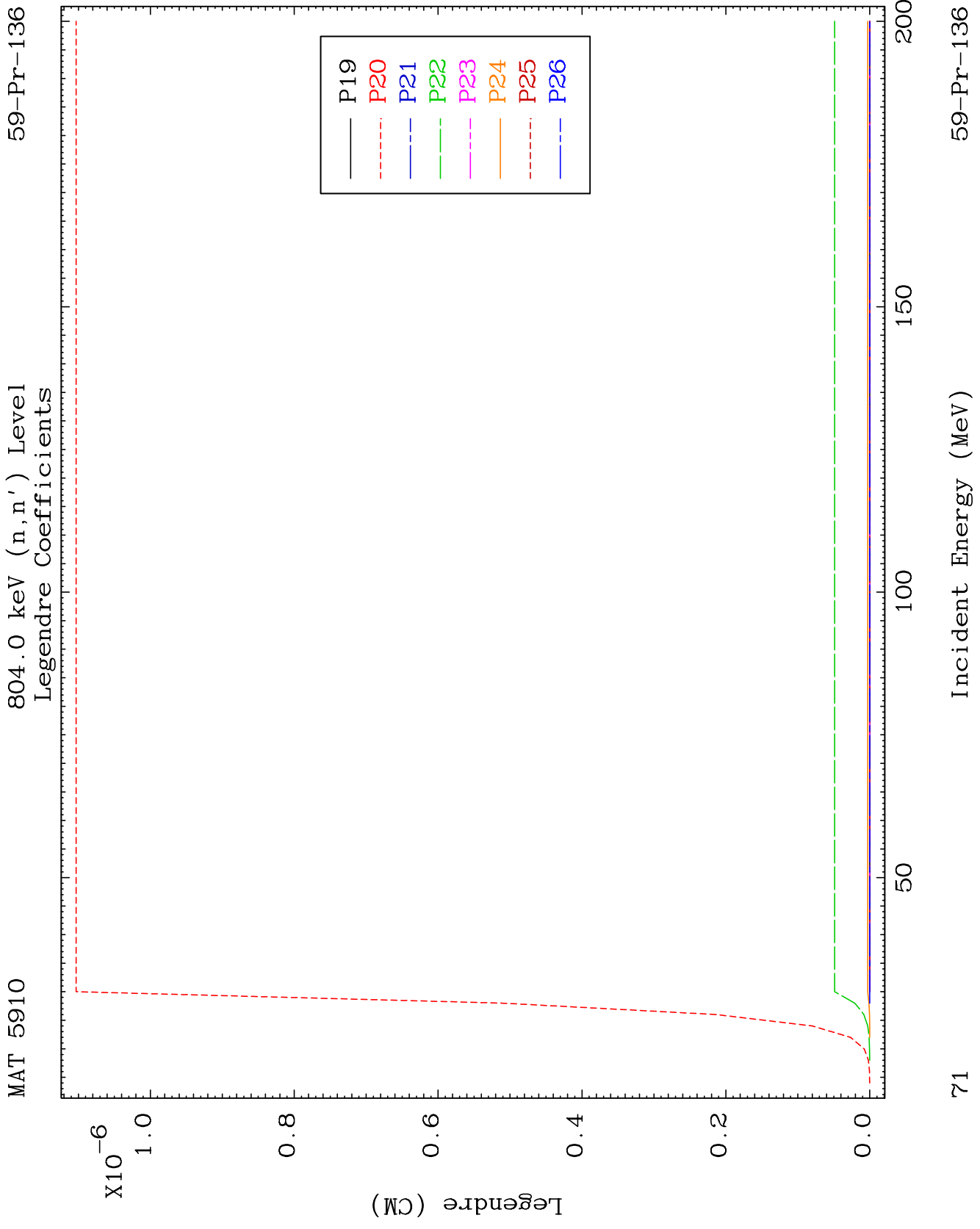
59-Pr-136



59-Pr-136

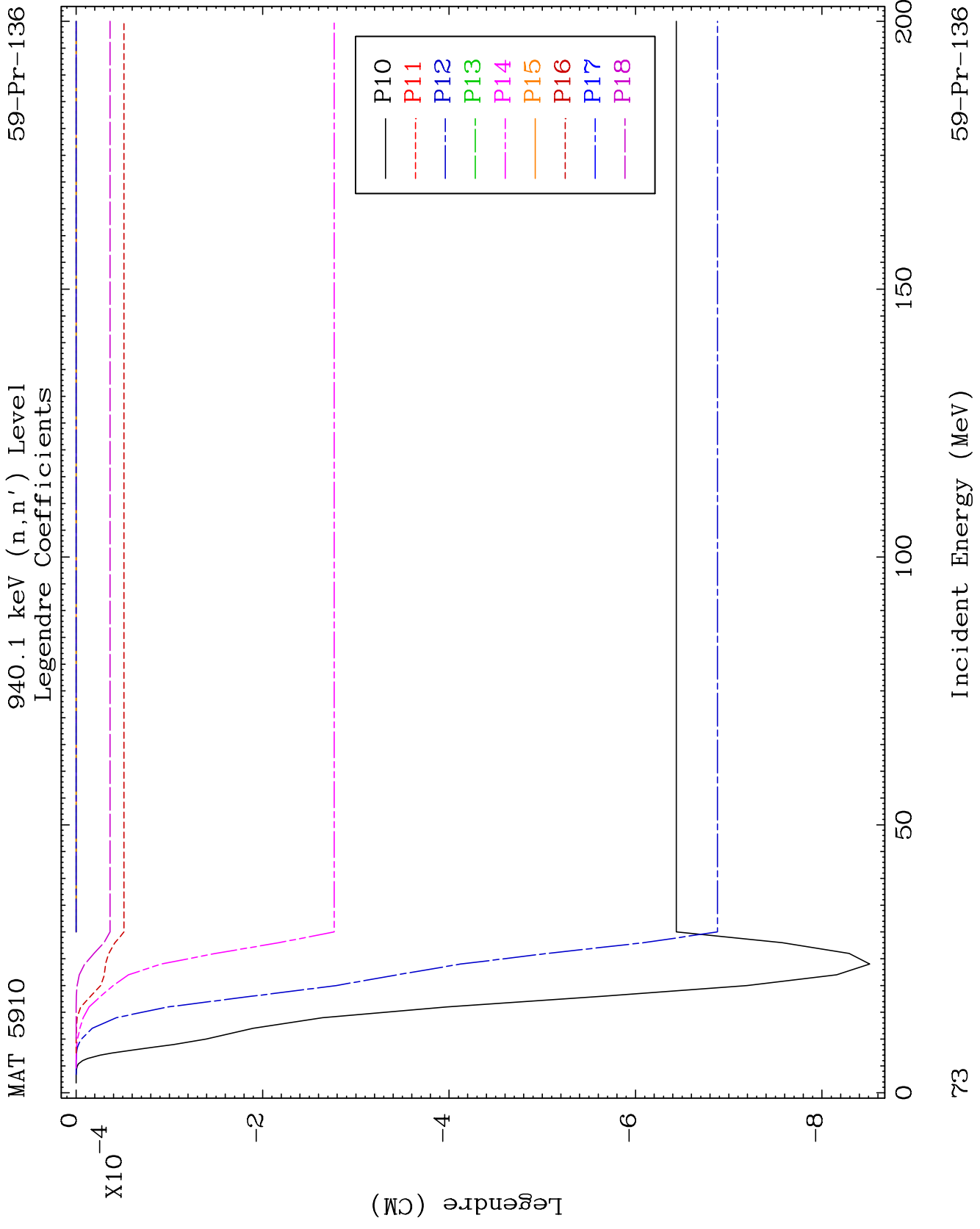
Incident Energy (MeV)

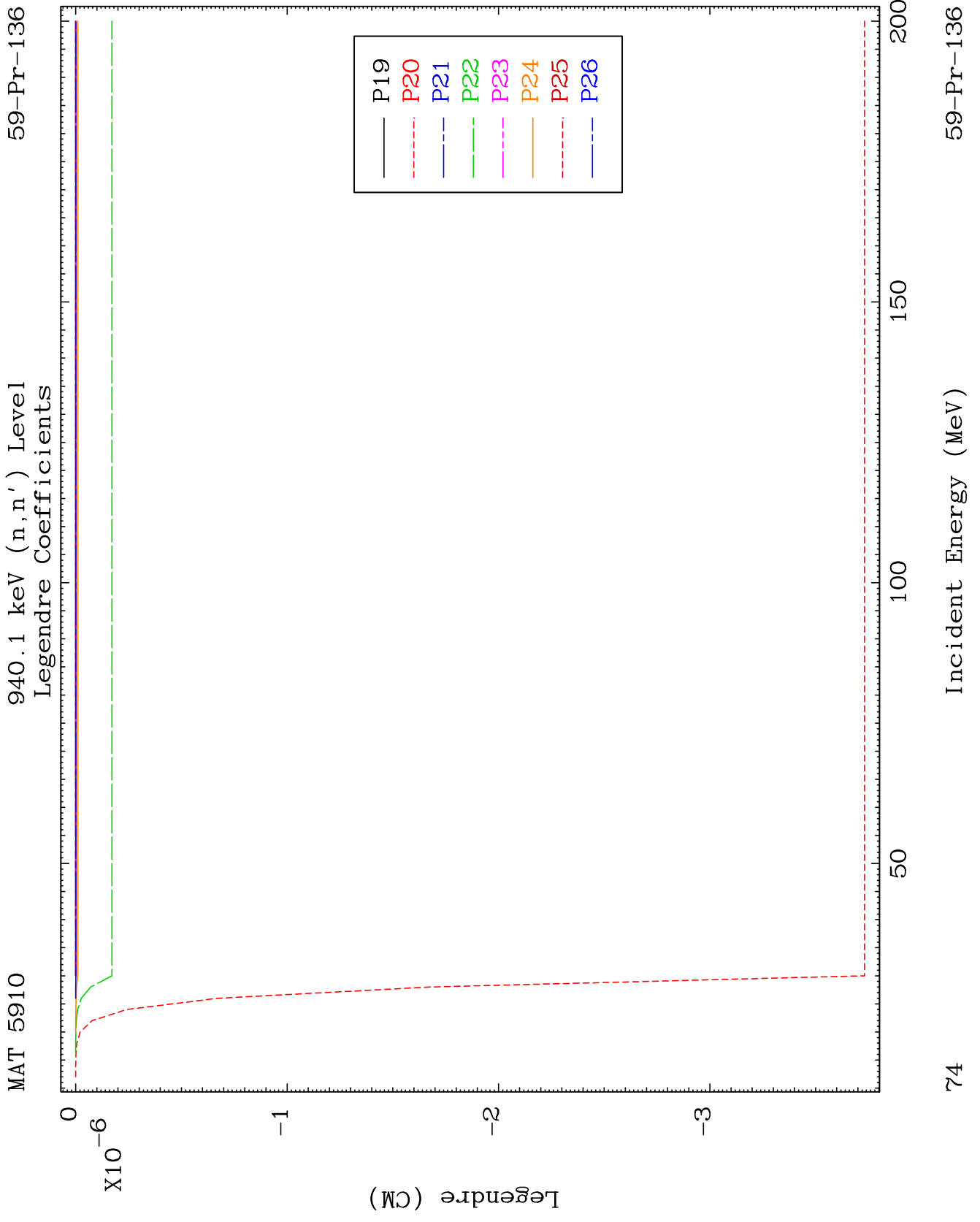
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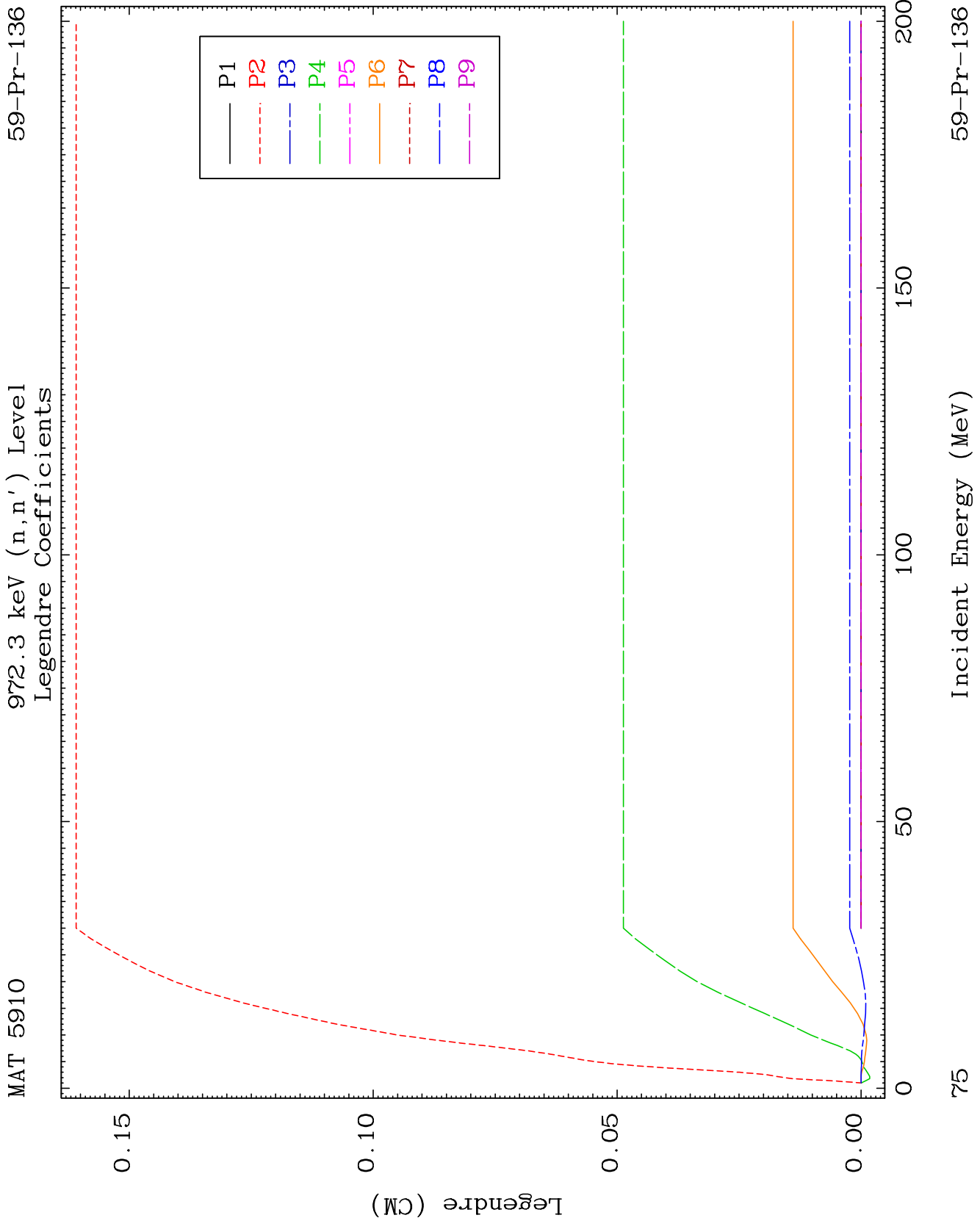


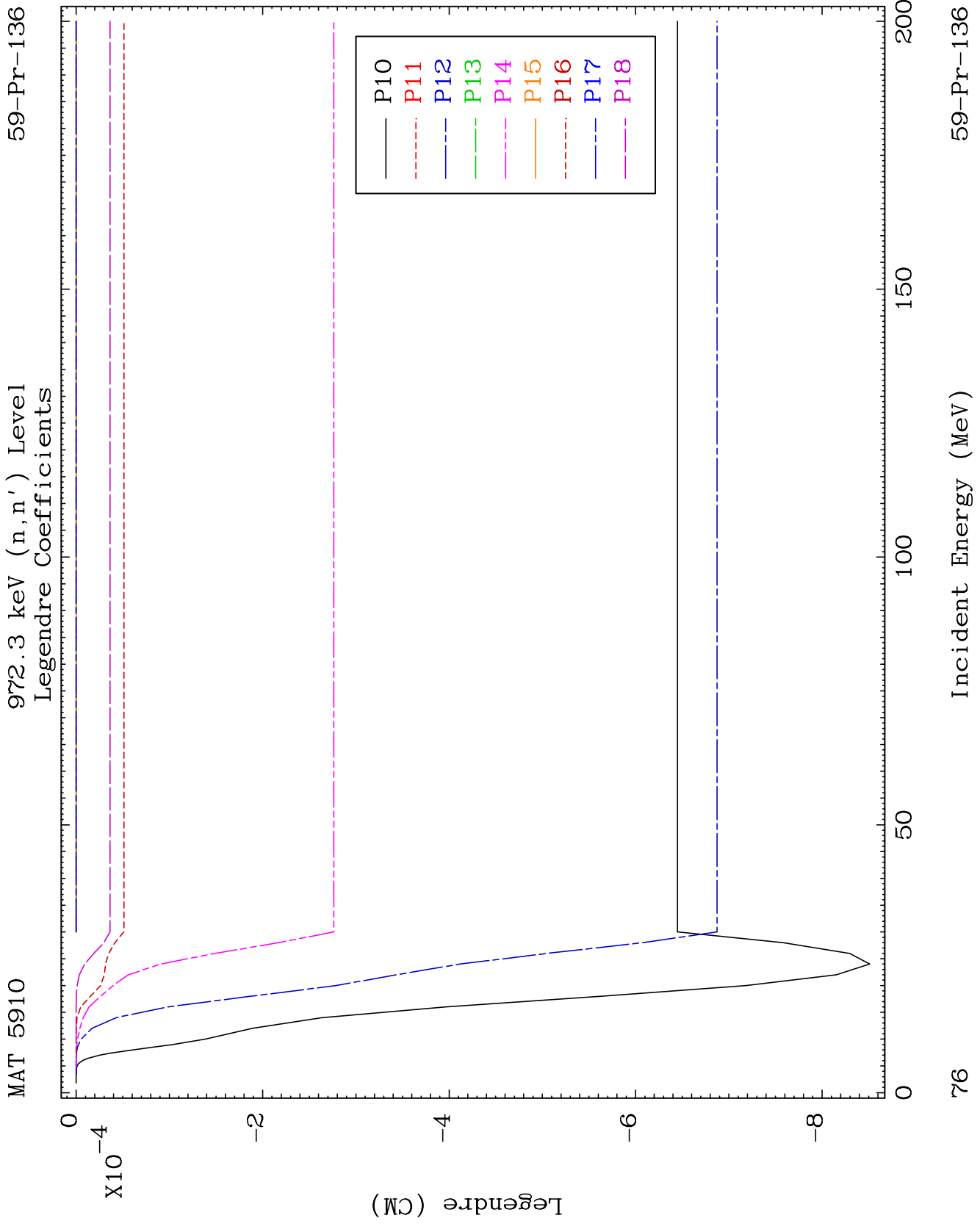


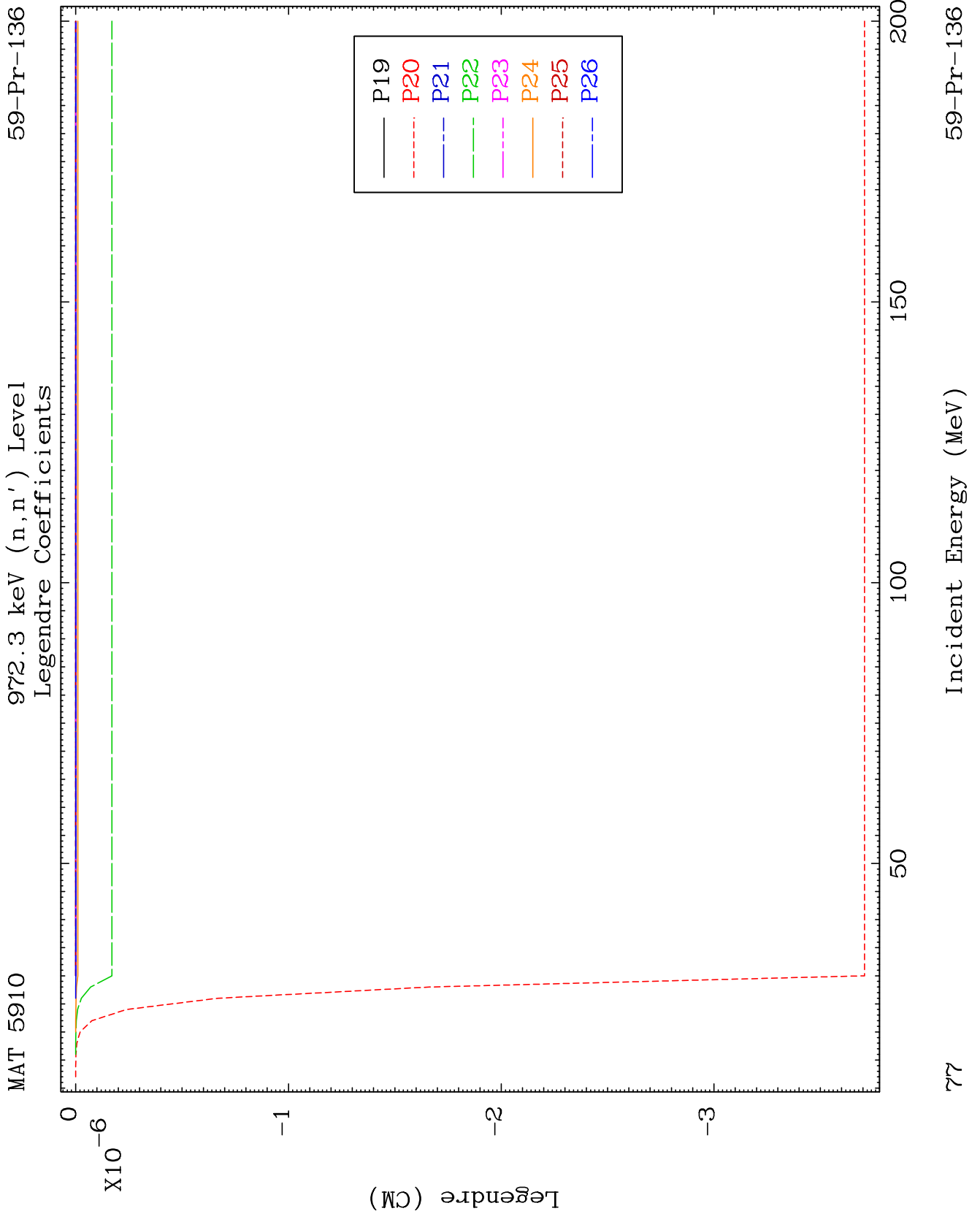


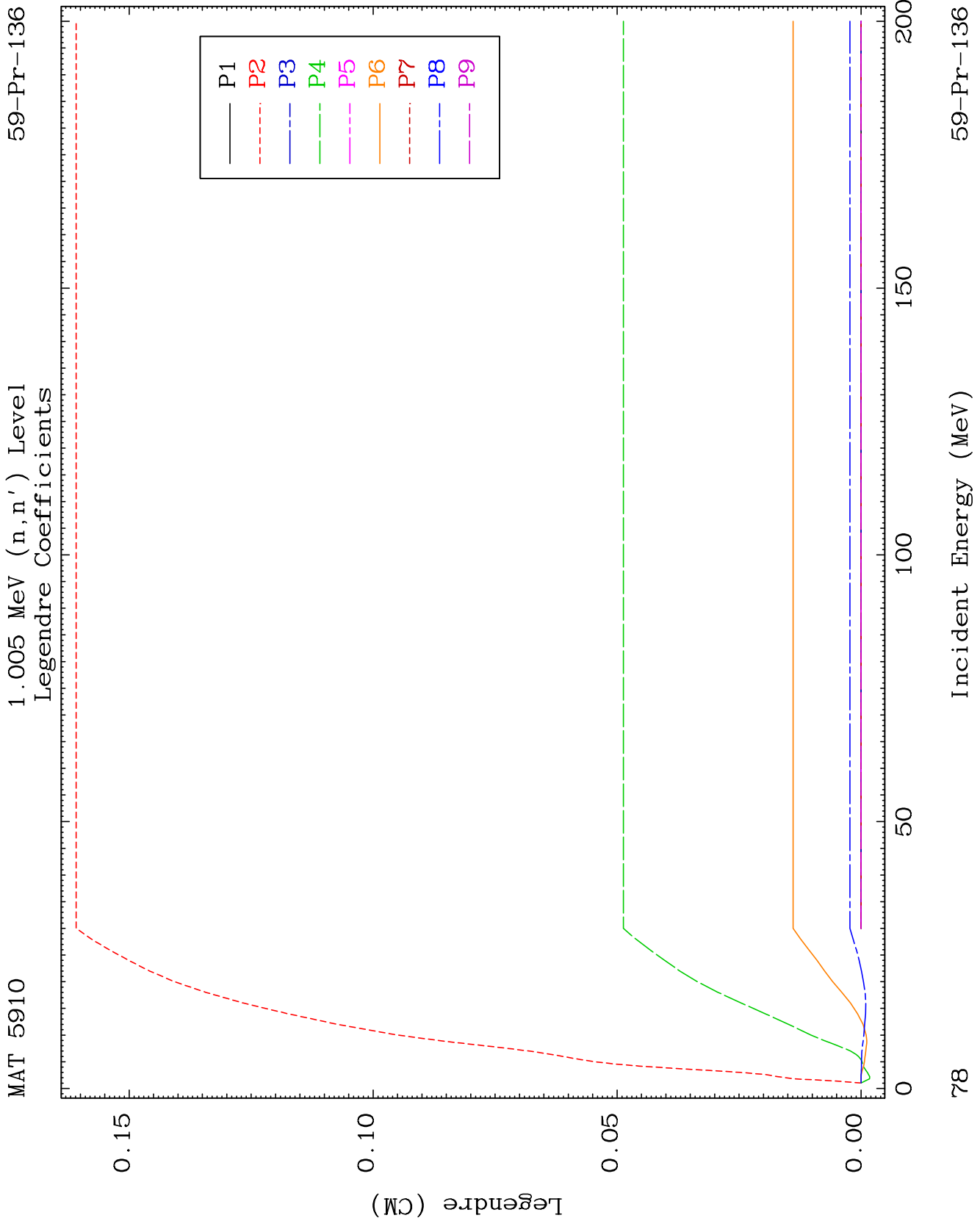


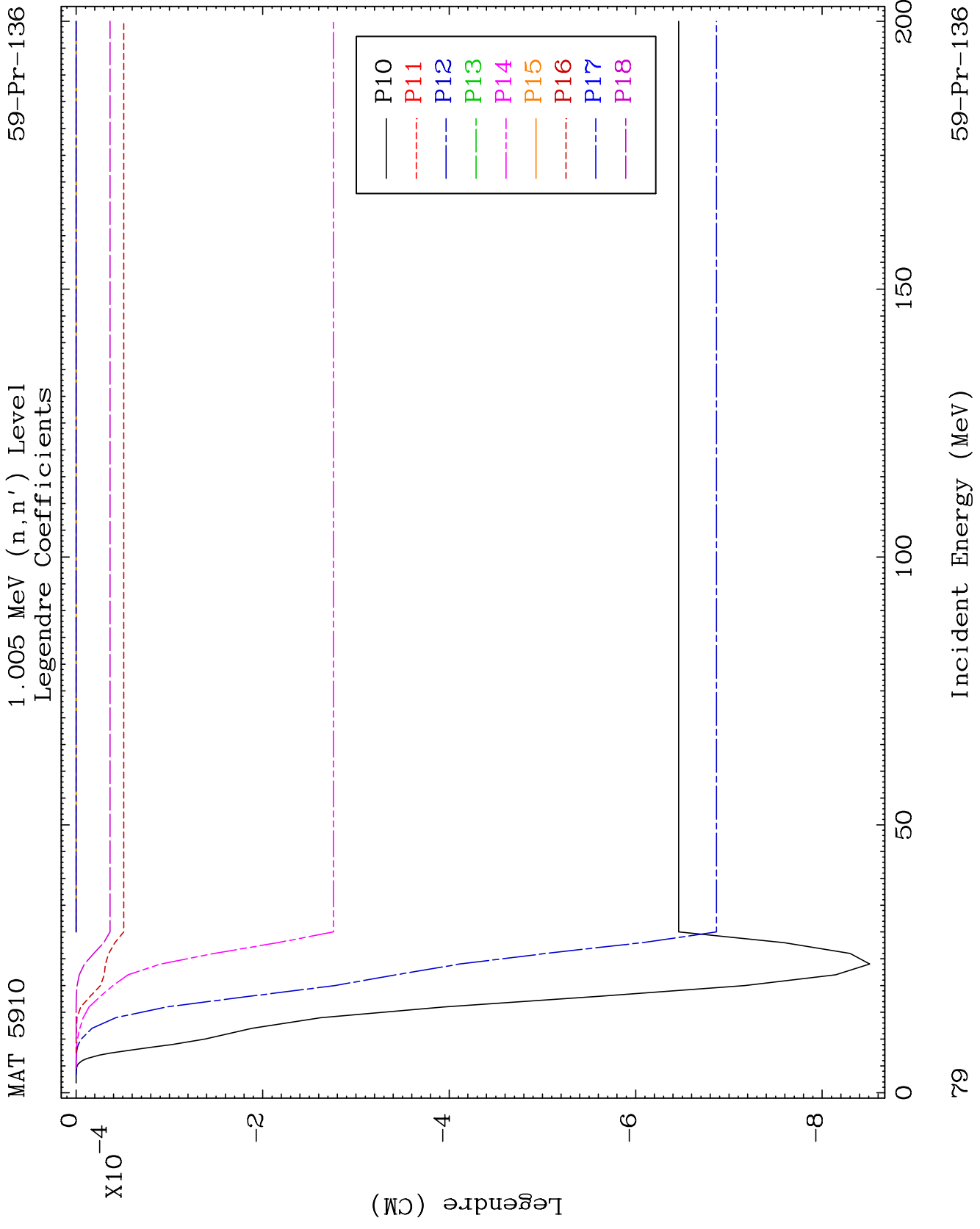




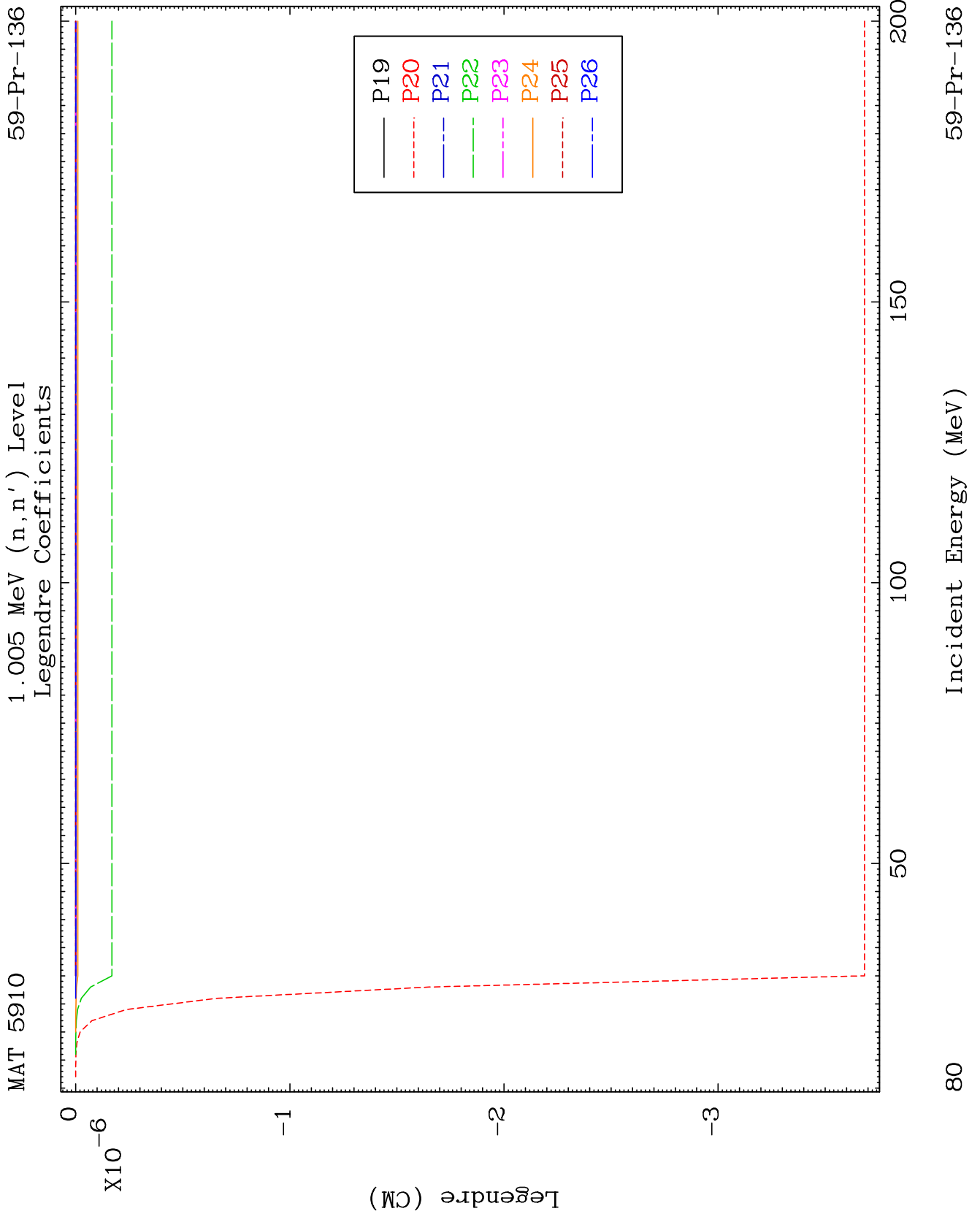


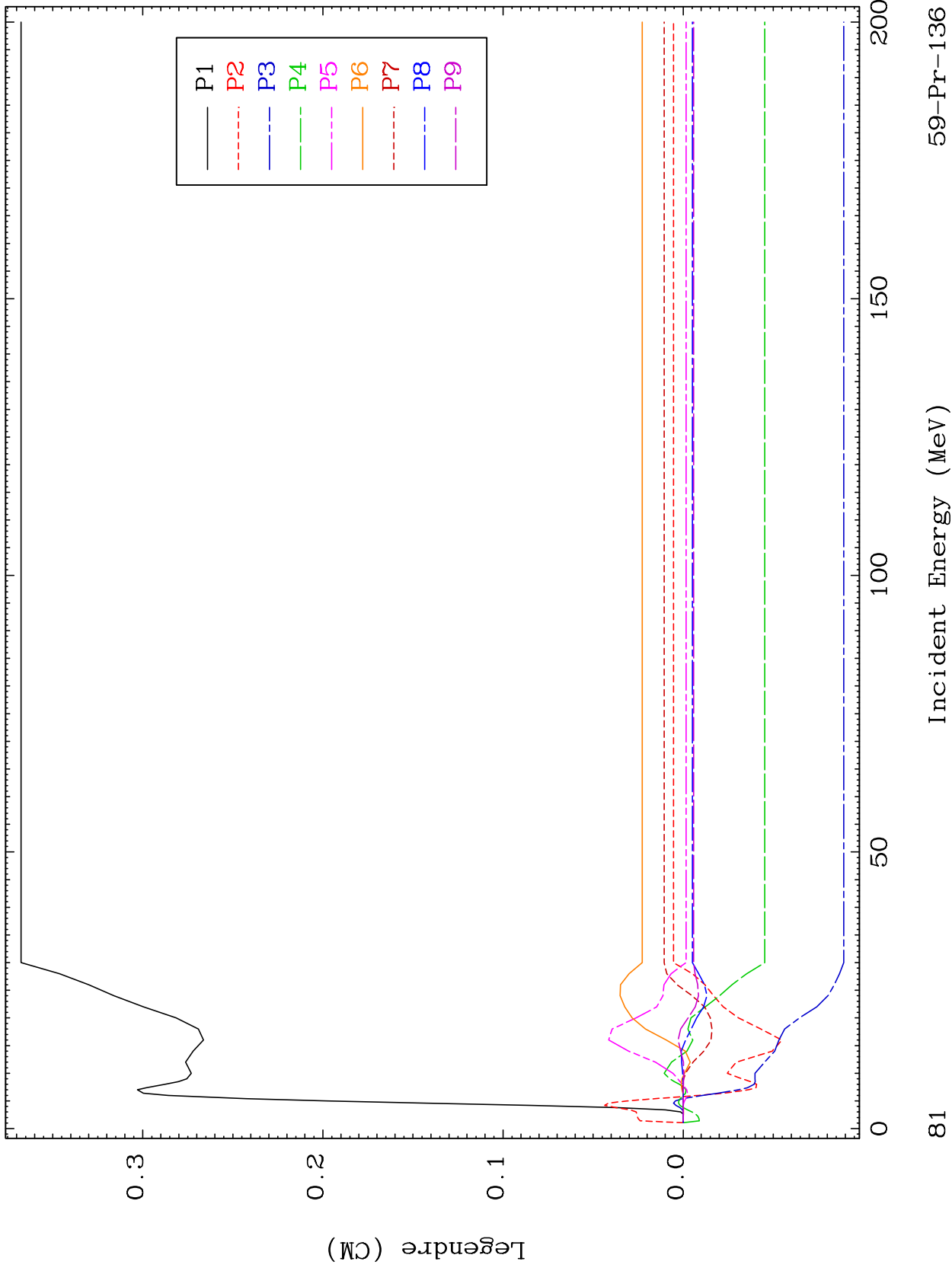








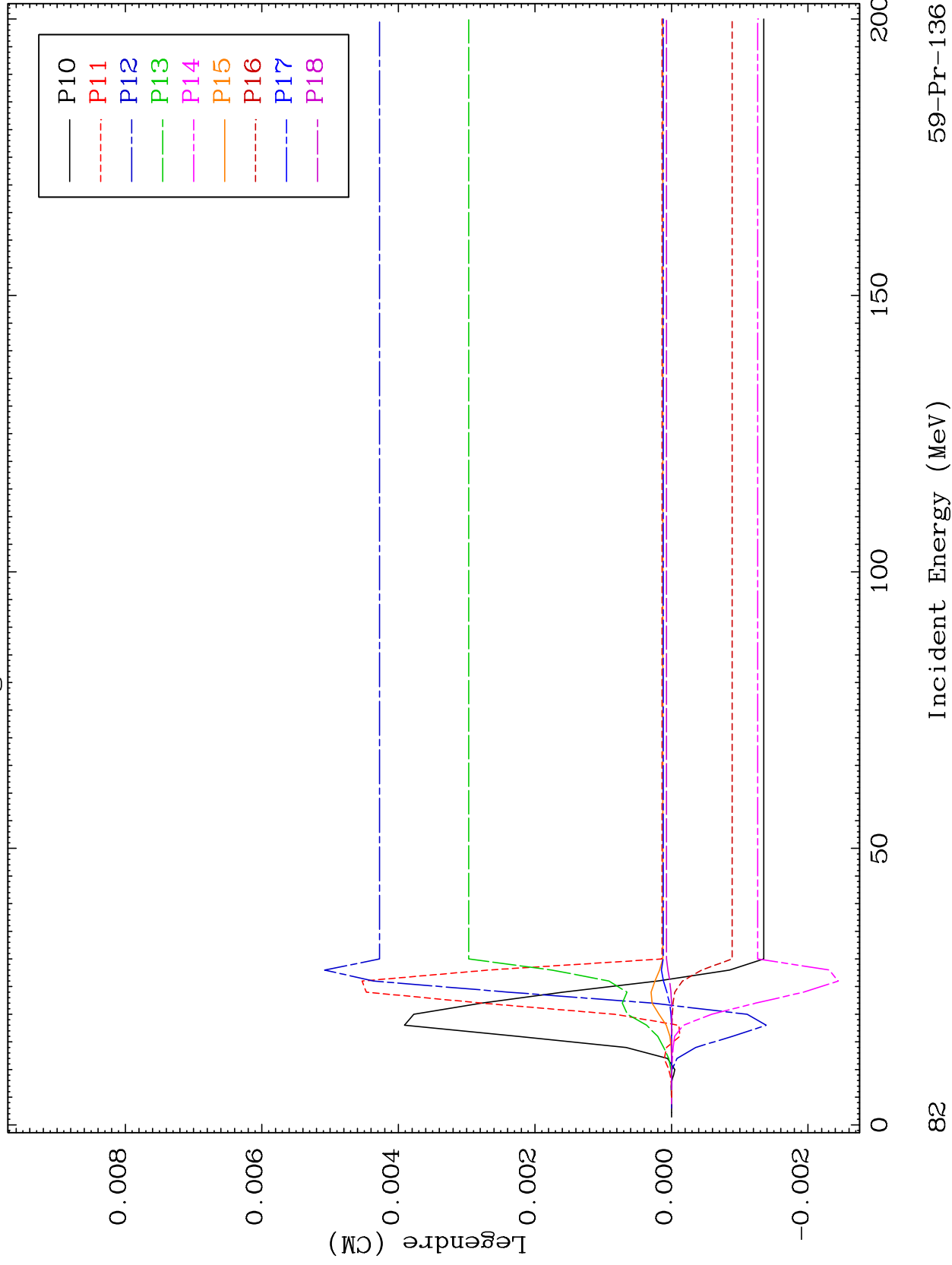




MAT 5910

1.049 MeV (n,n') Level  
Legendre Coefficients

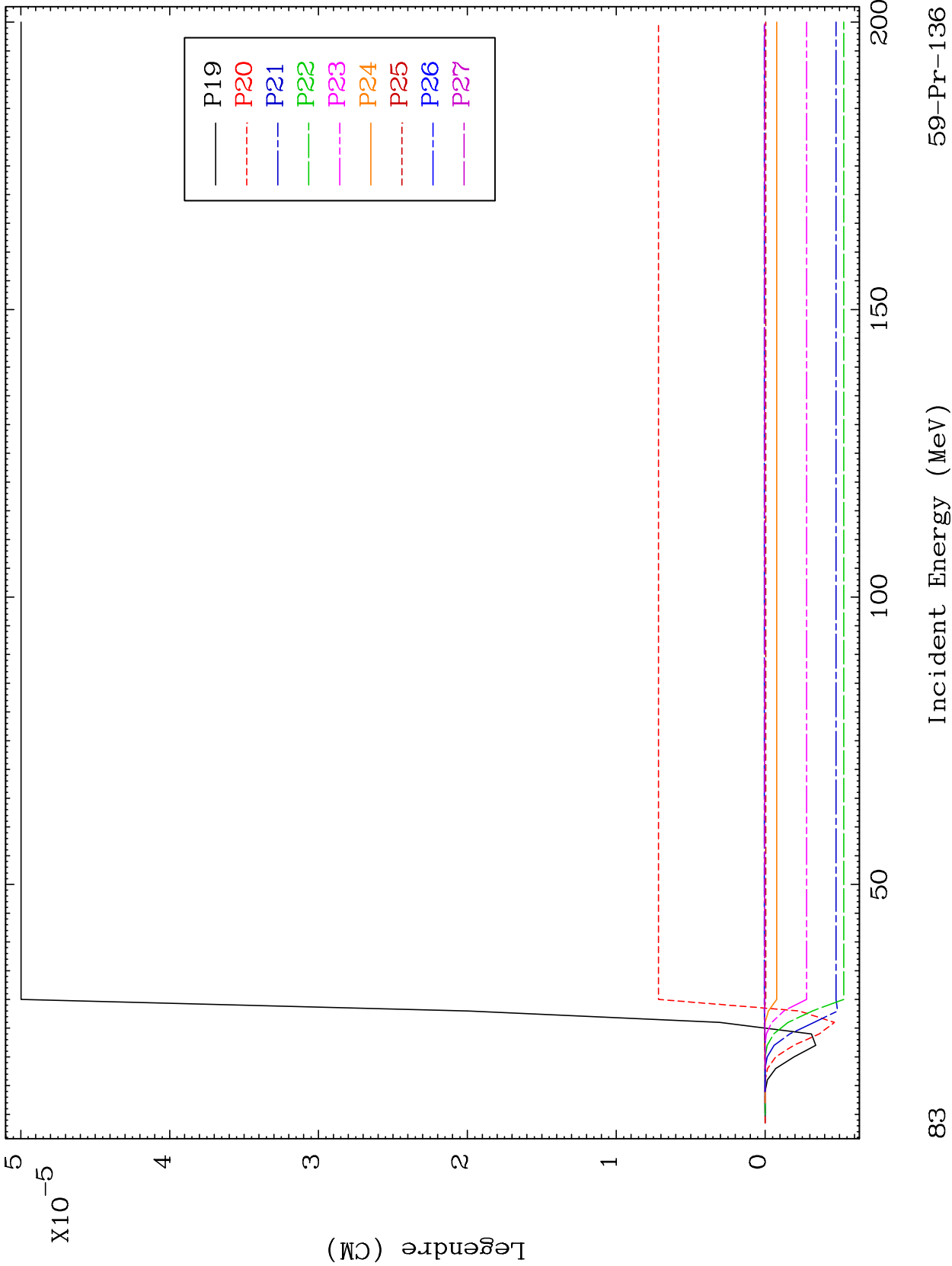
59-Pr-136

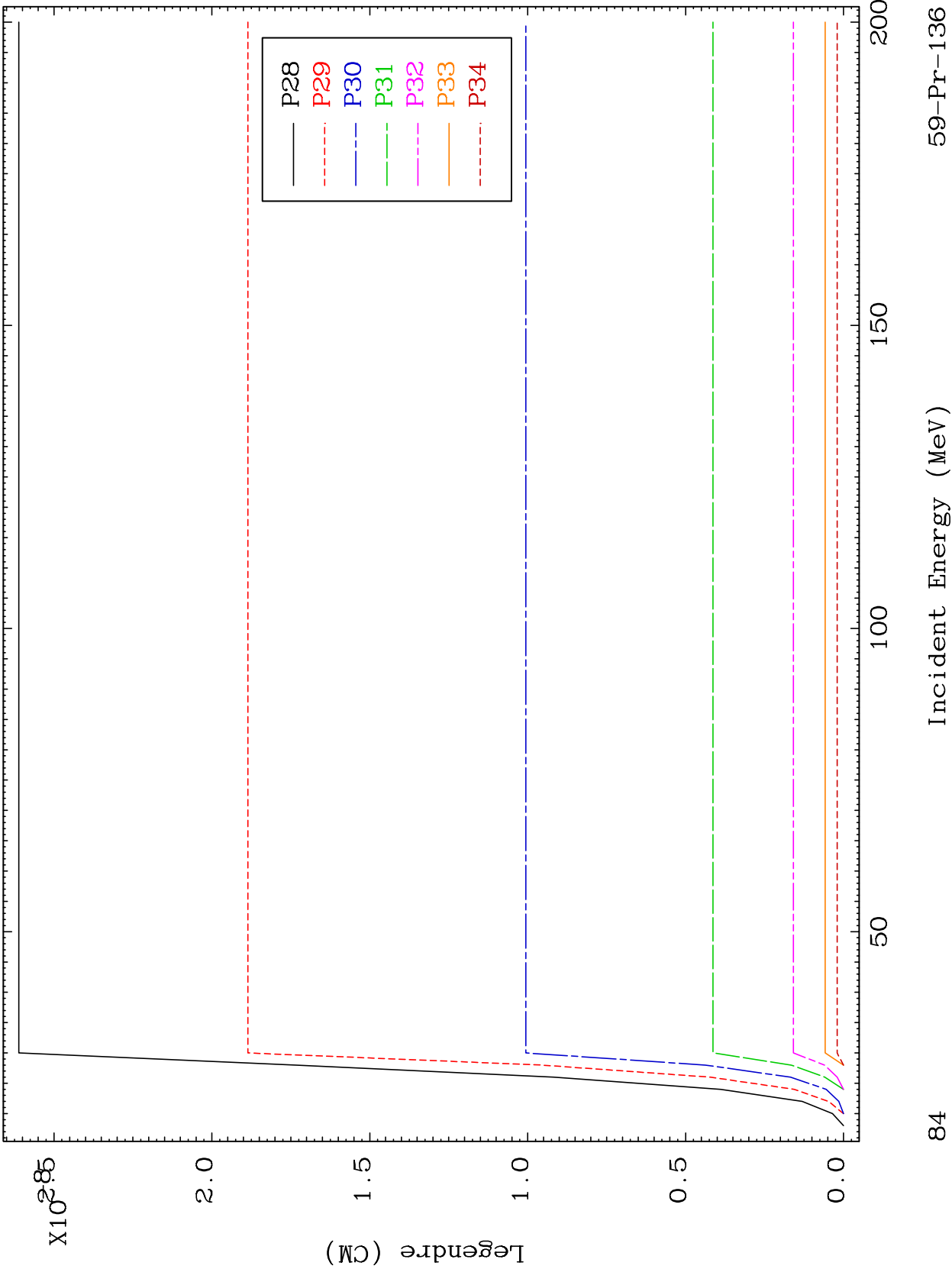


82

Incident Energy (MeV)

59-Pr-136

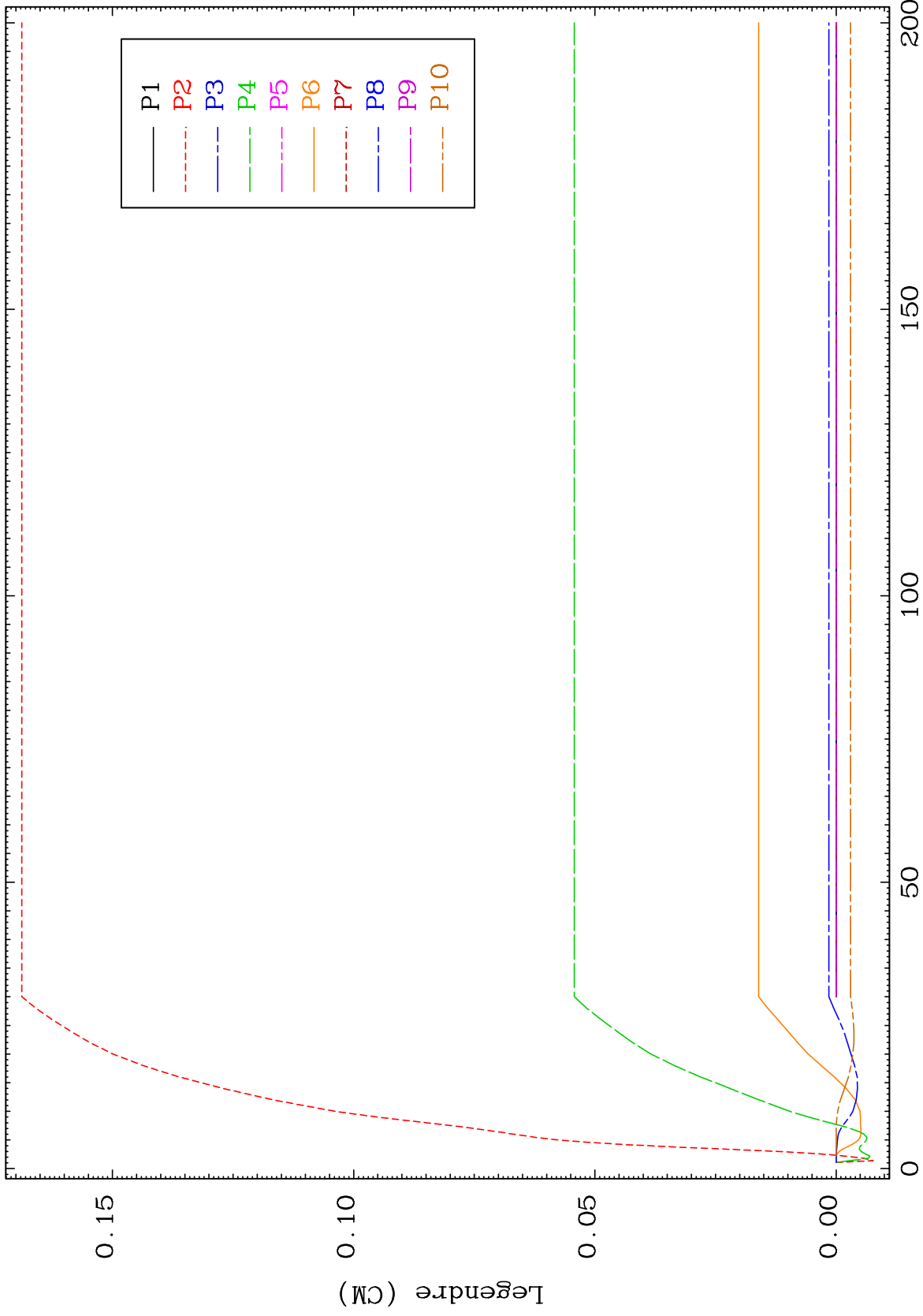




MAT 5910

1.063 MeV (n,n') Level  
Legendre Coefficients

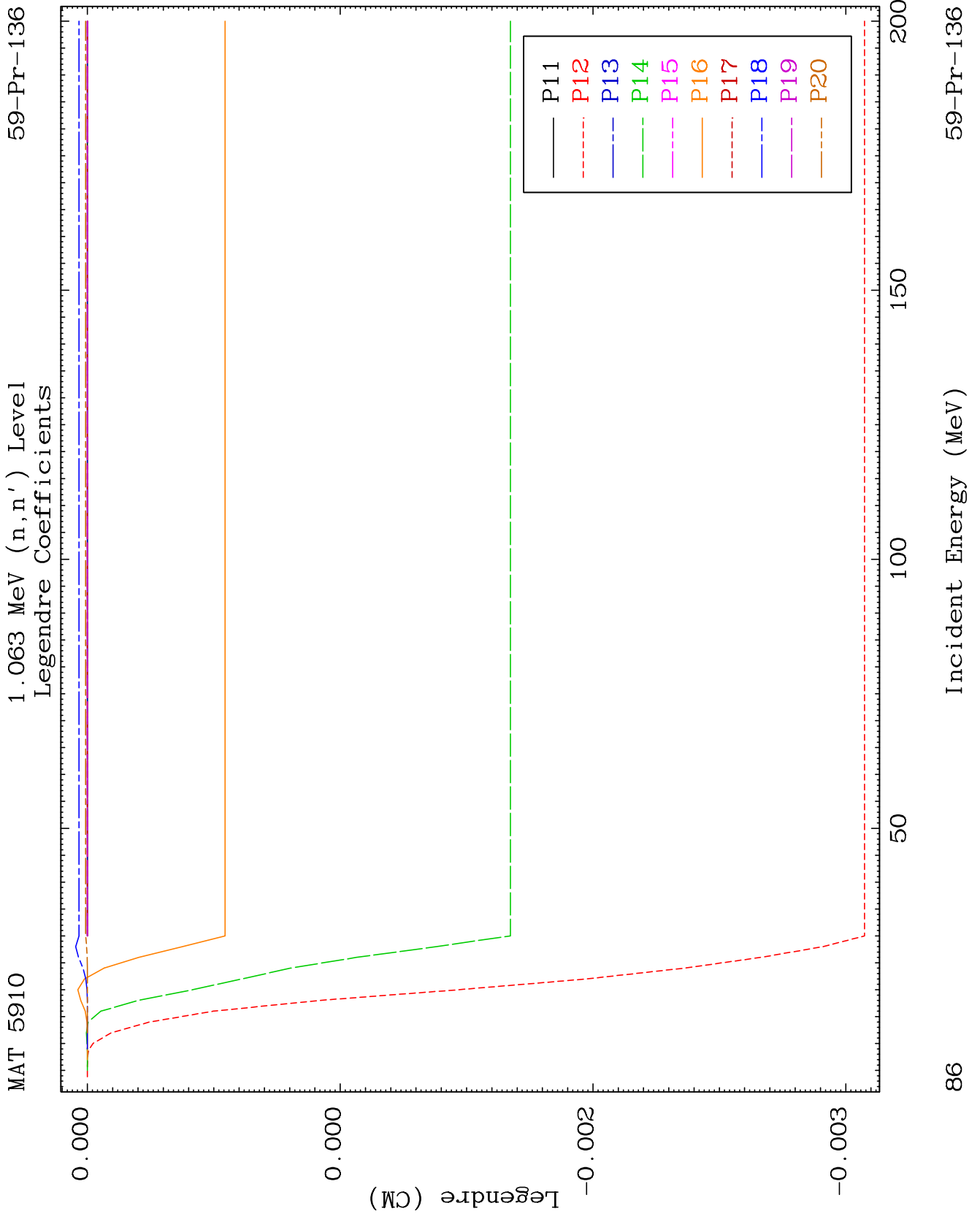
59-Pr-136

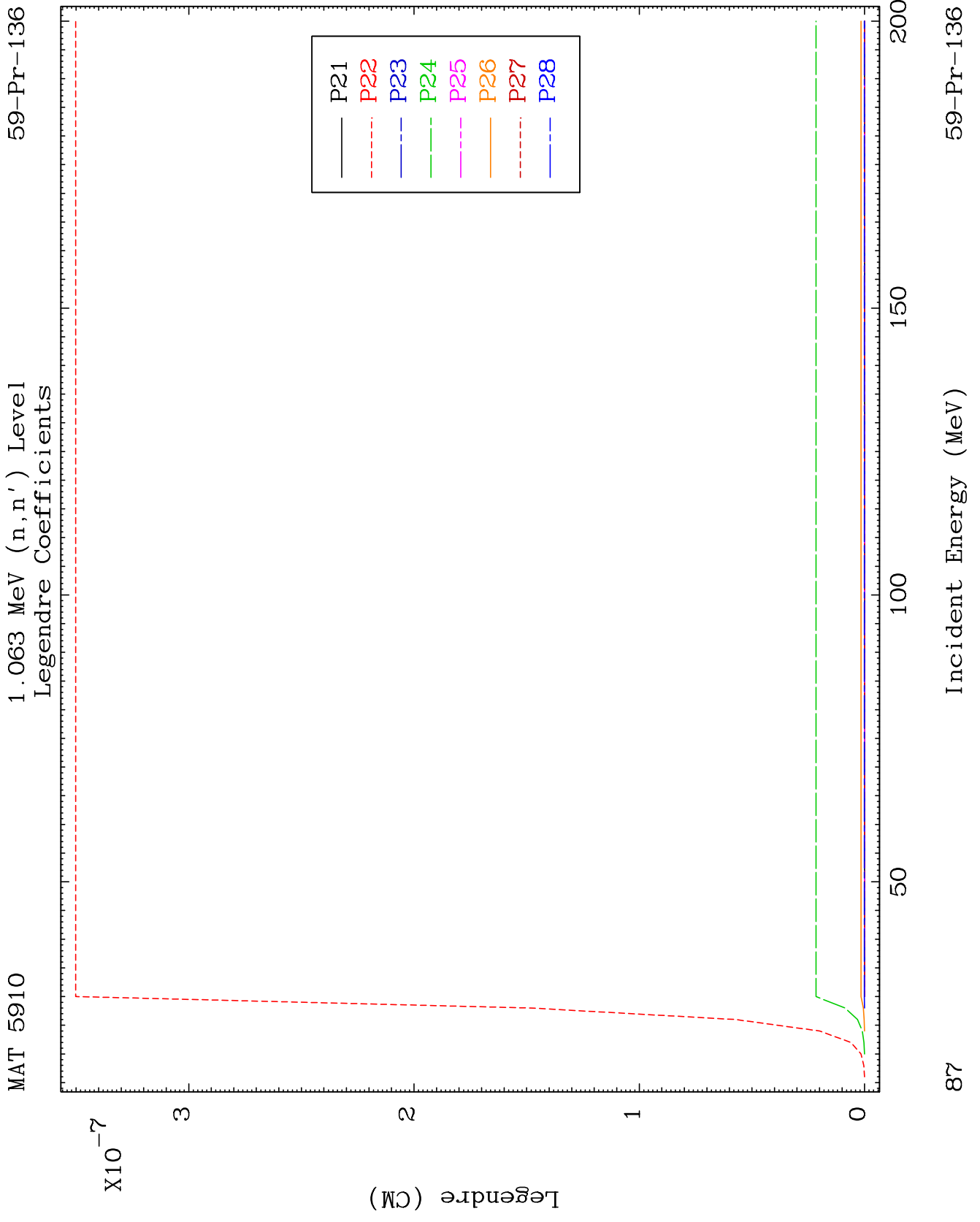


85

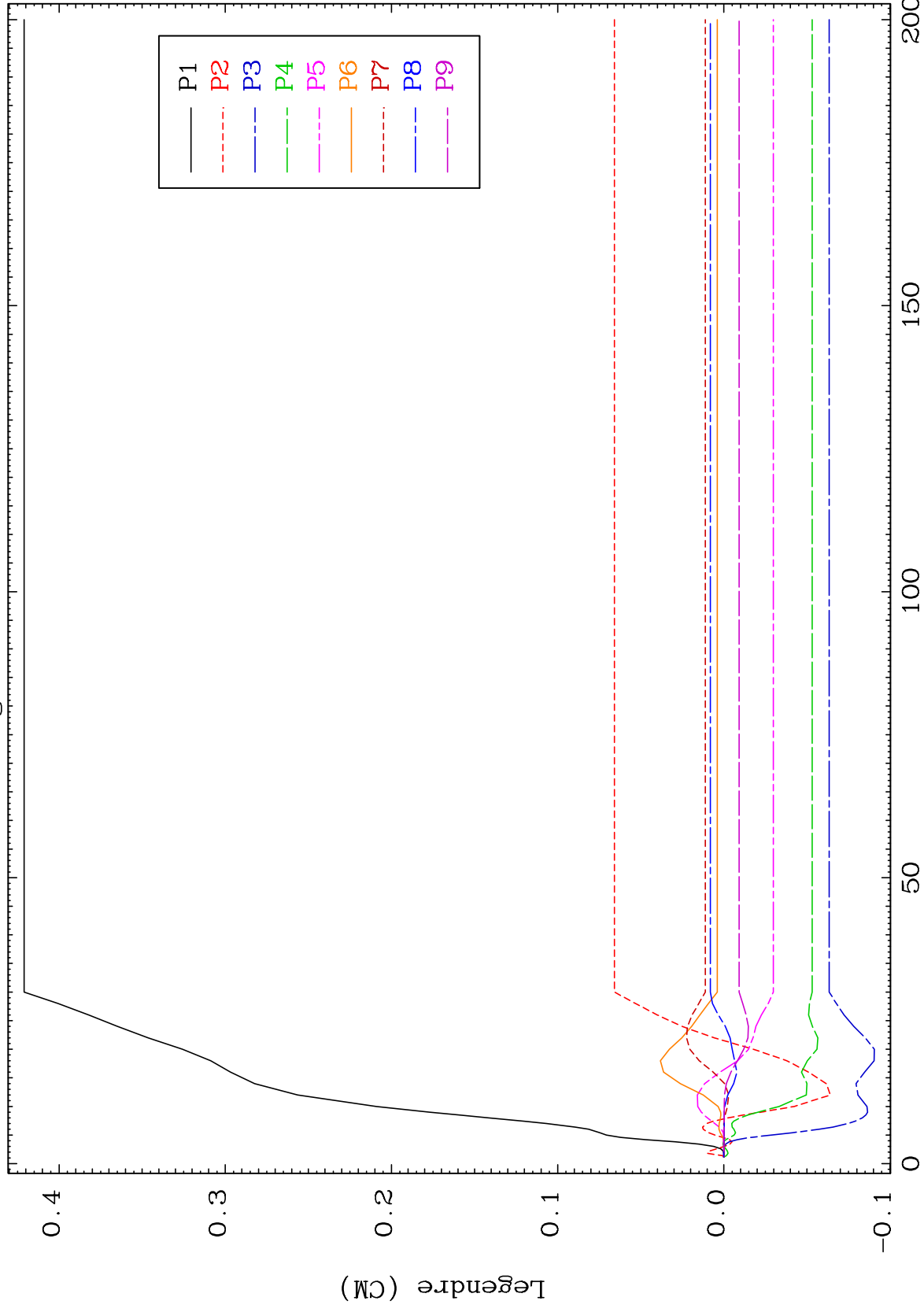
Incident Energy (MeV)

59-Pr-136





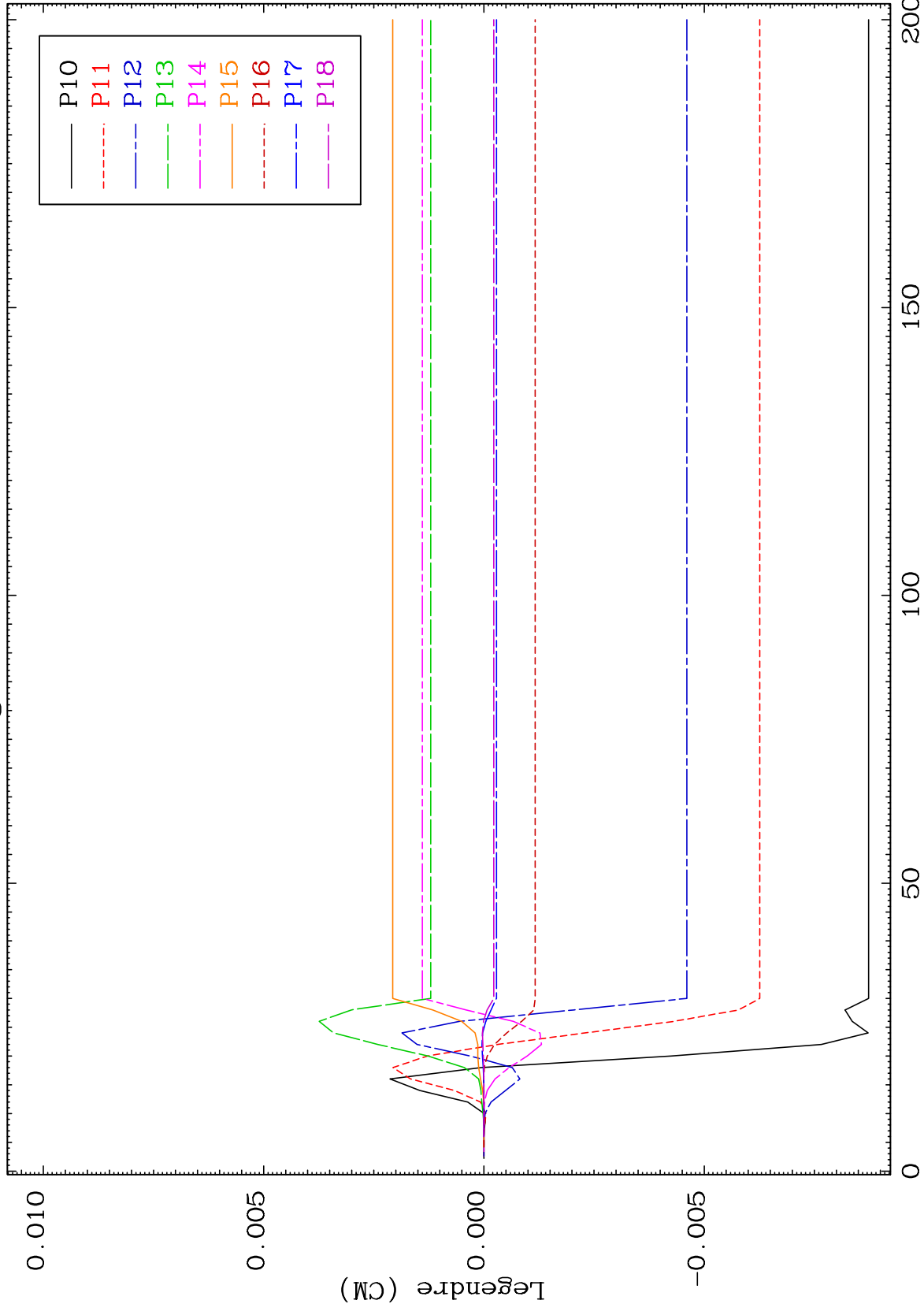




MAT 5910

1.116 MeV (n,n') Level  
Legendre Coefficients

59-Pr-136



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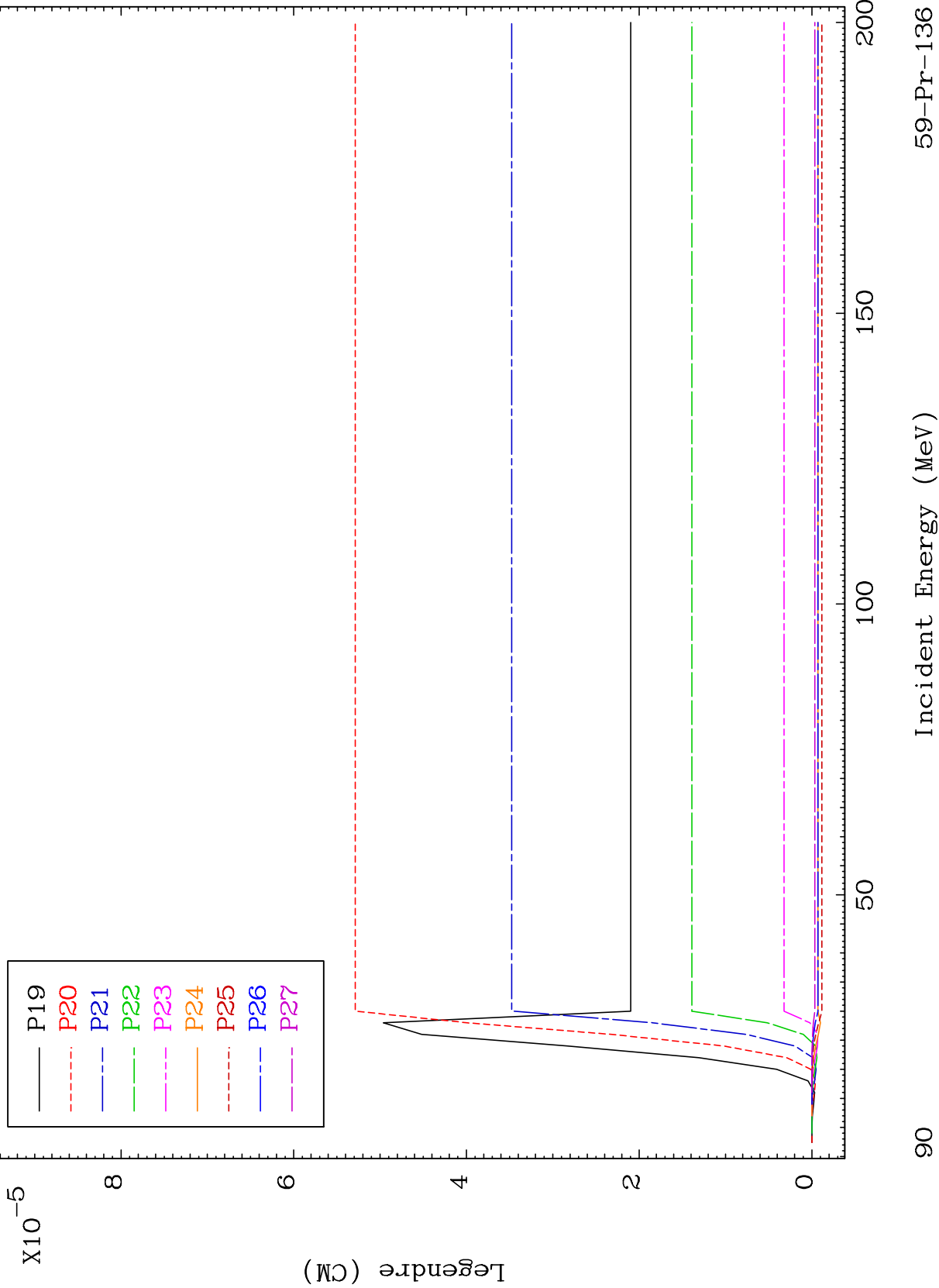
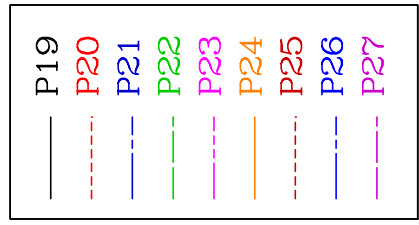
Incident Energy (MeV)

59-Pr-136

MAT 5910

1.116 MeV (n, n') Level  
Legendre Coefficients

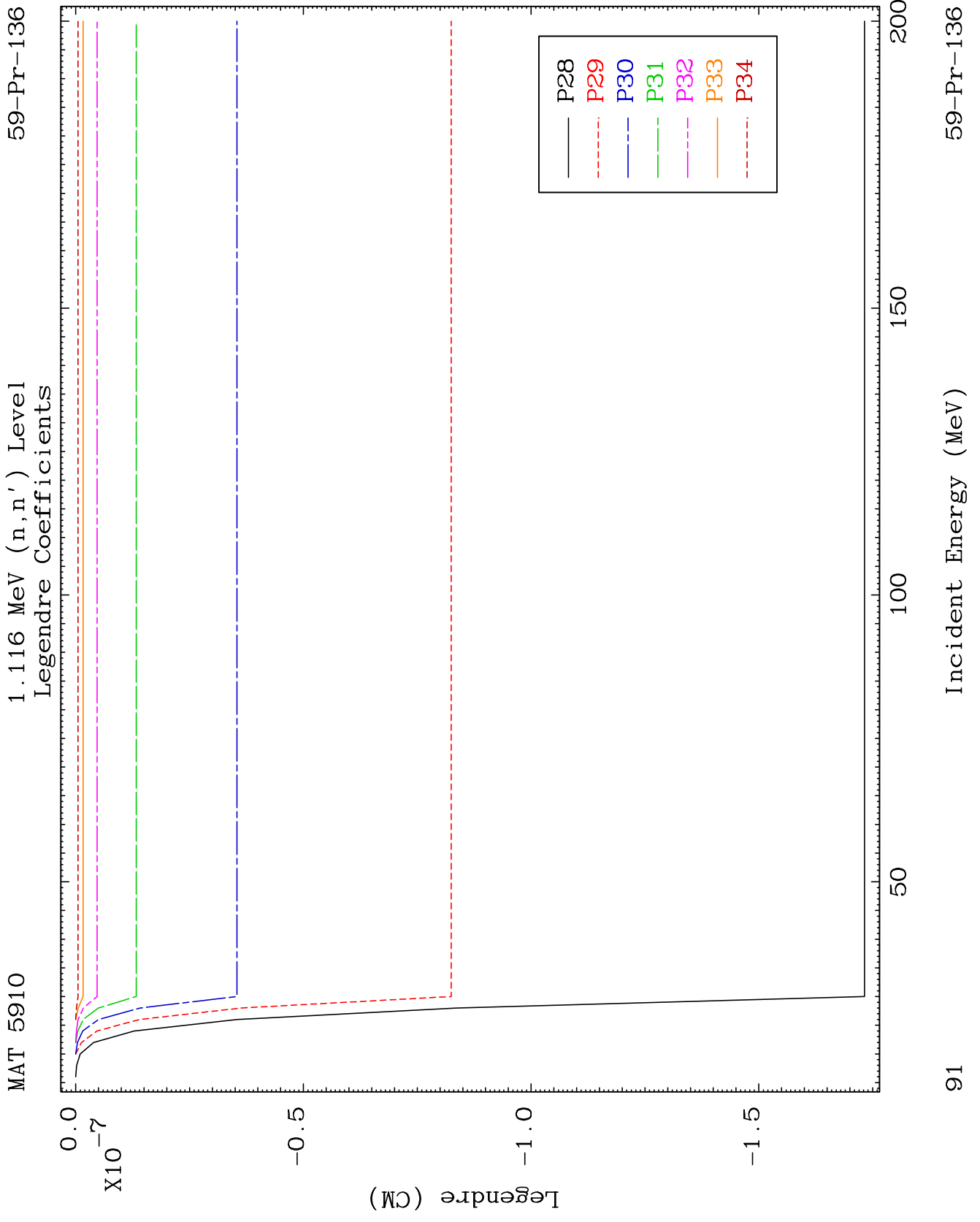
59-Pr-136

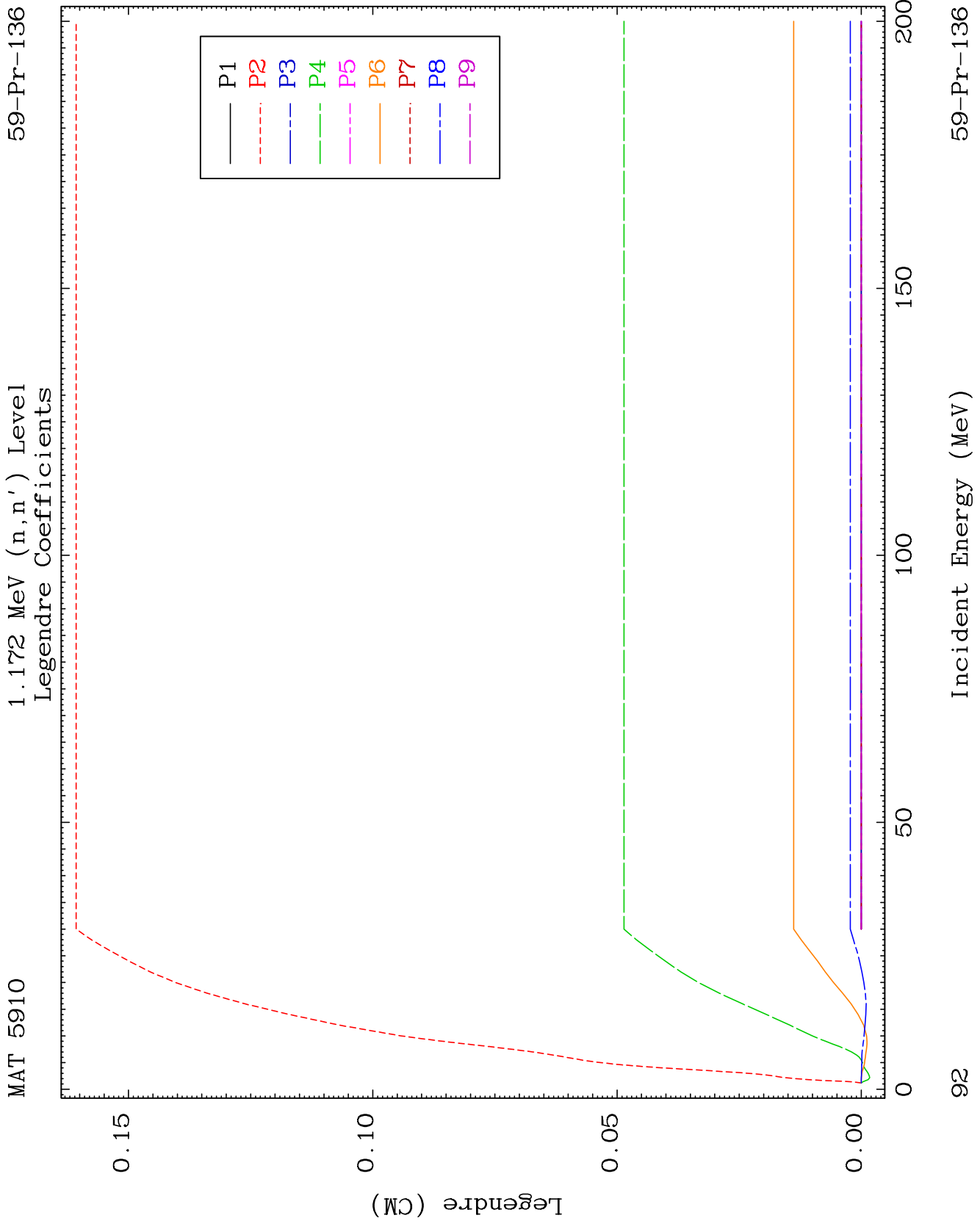


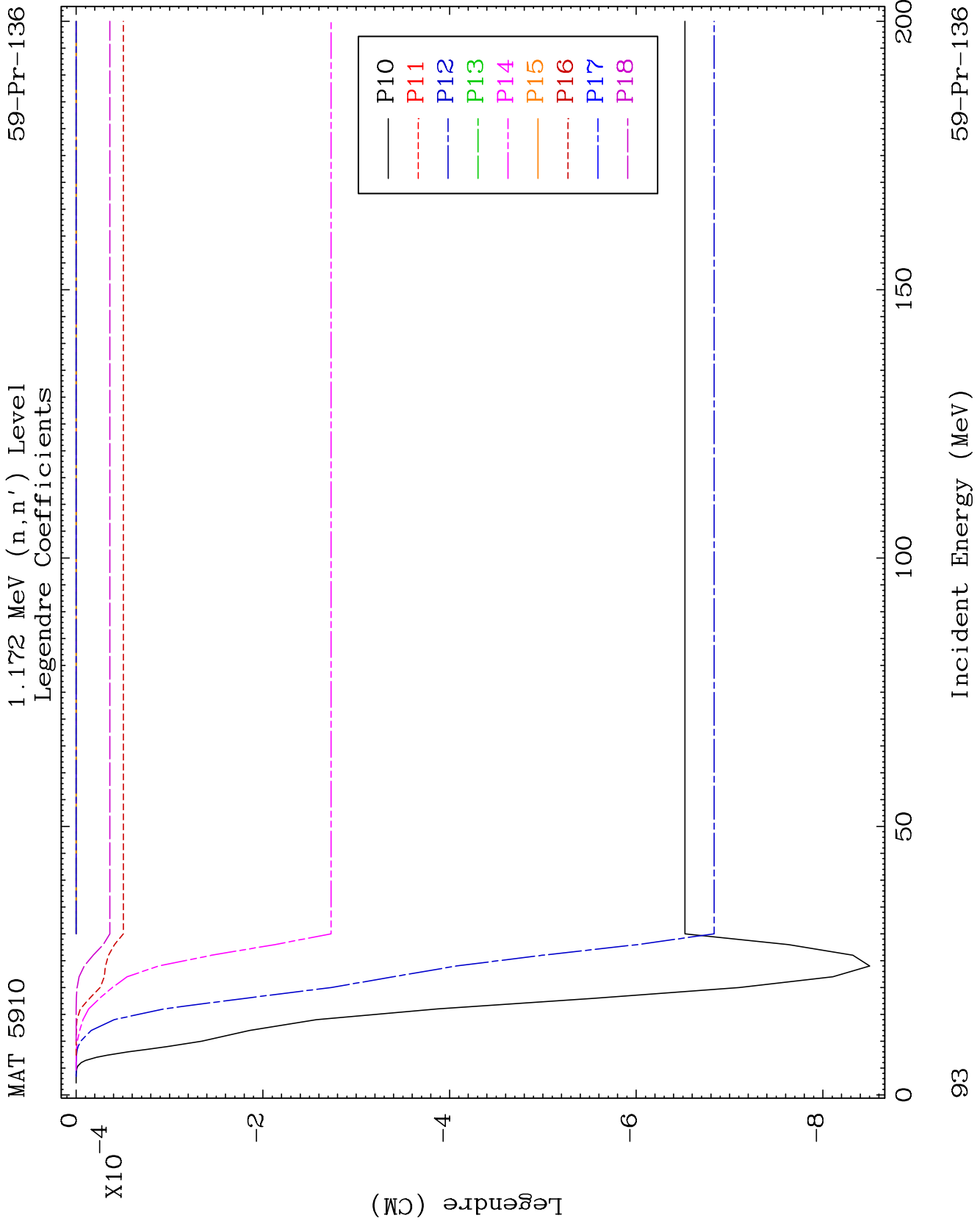
59-Pr-136

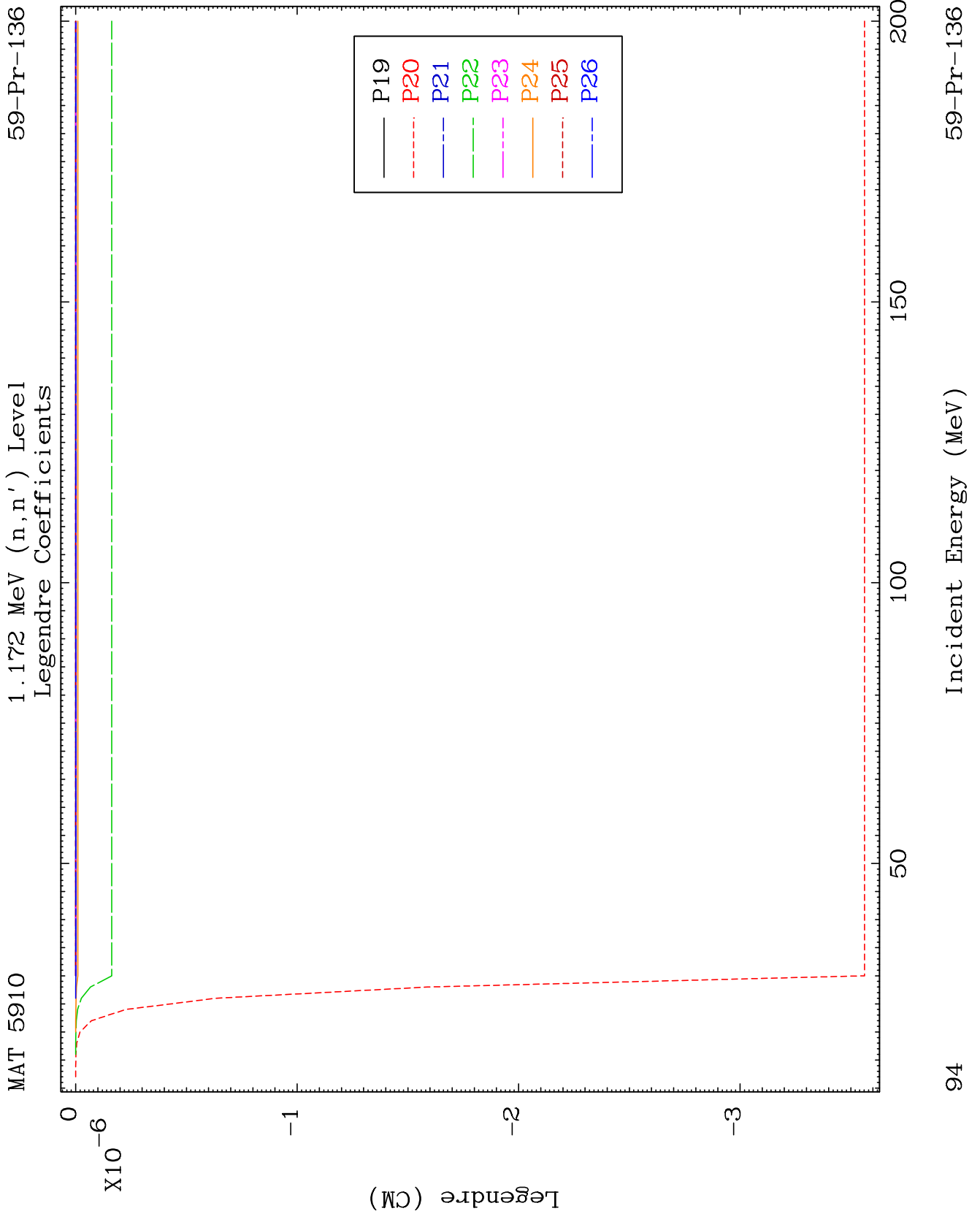
Incident Energy (MeV)

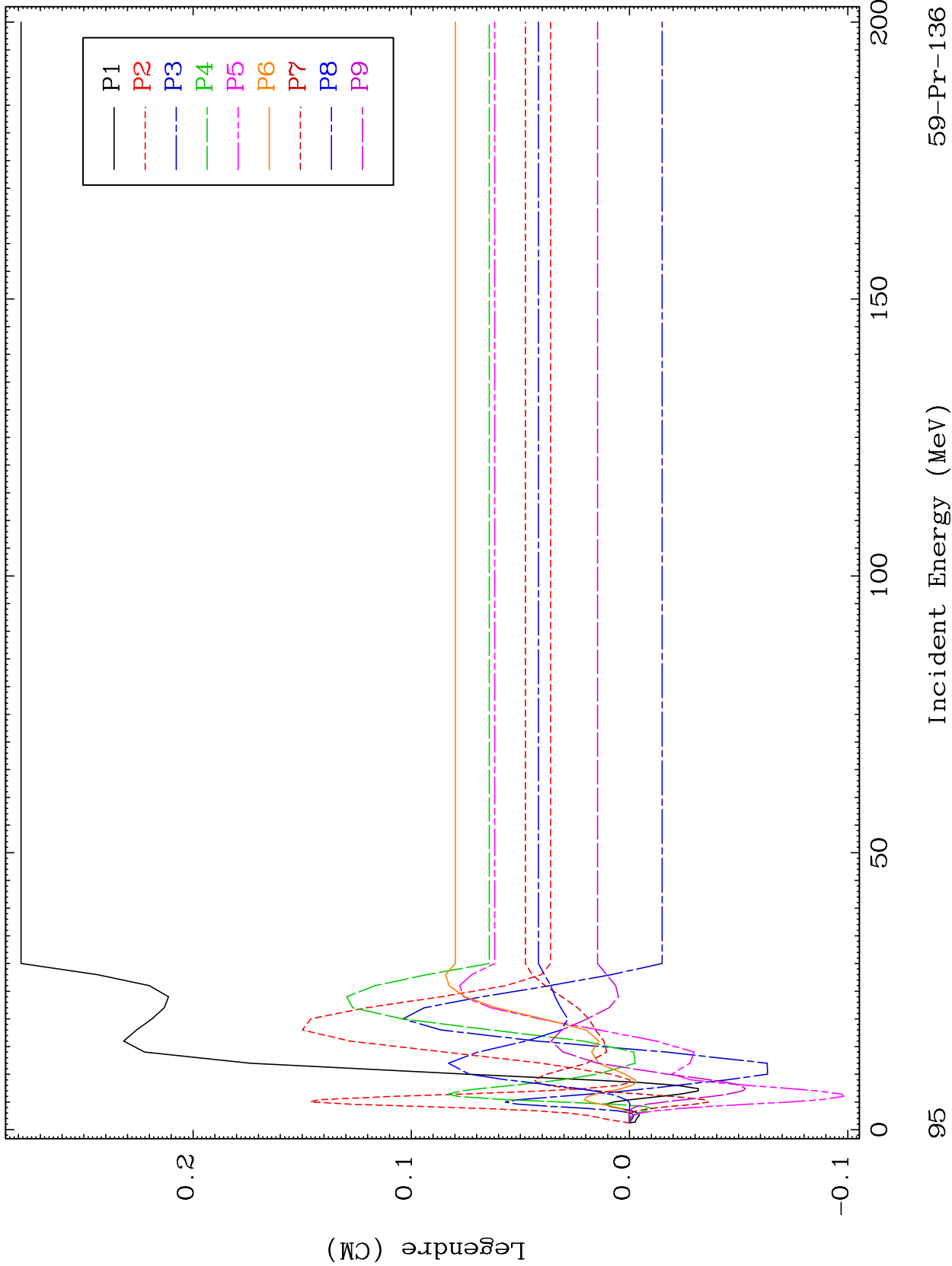
90



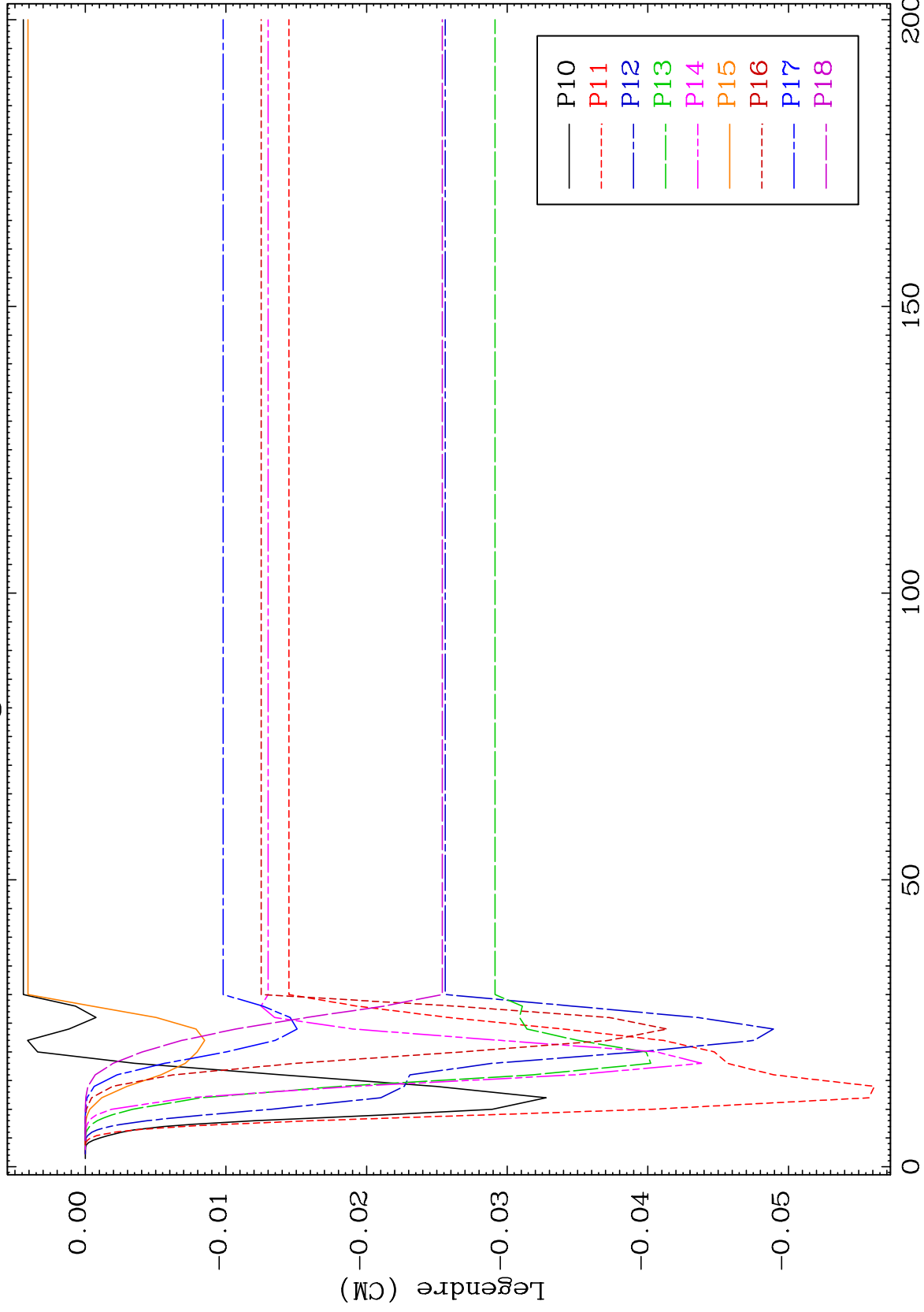


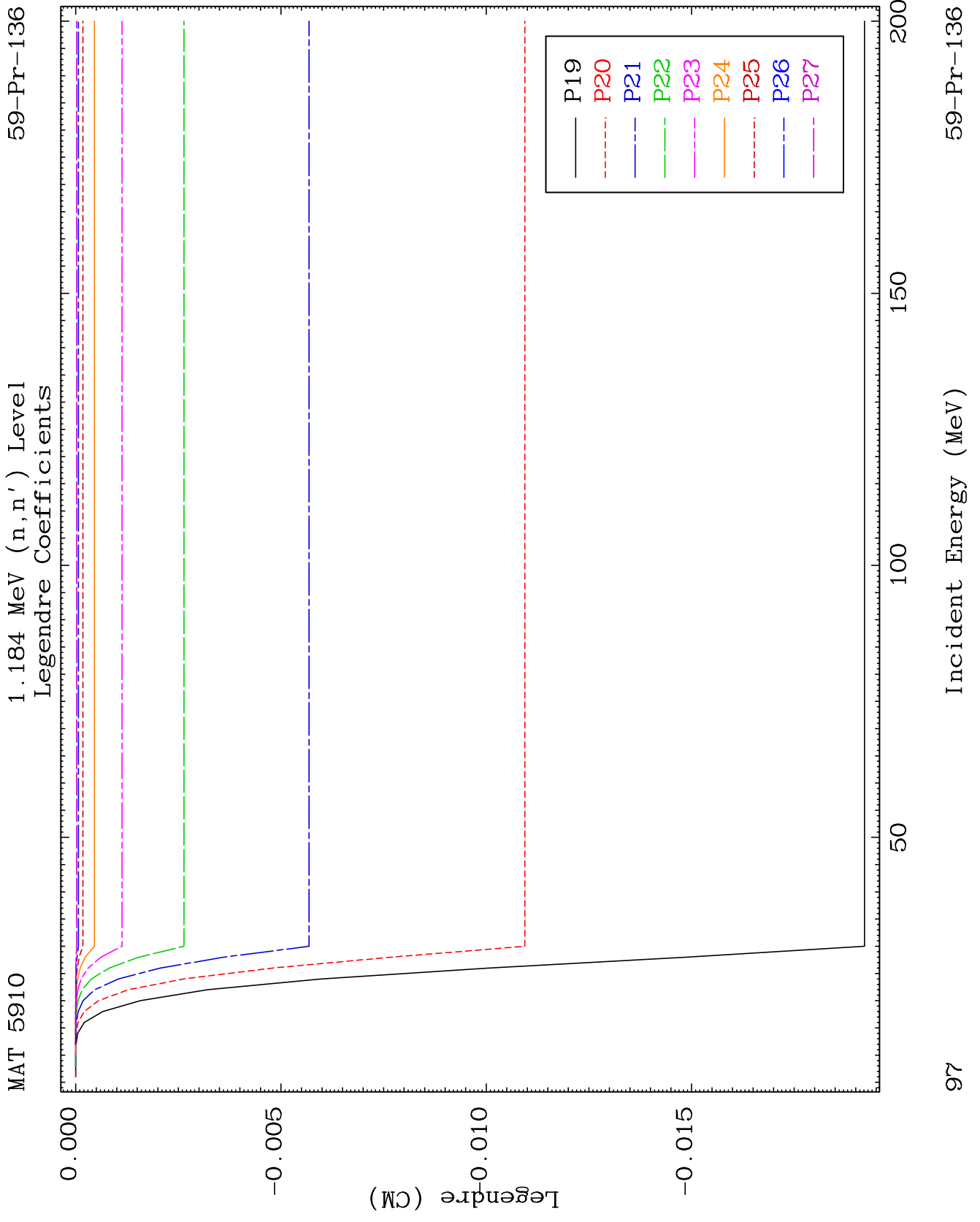


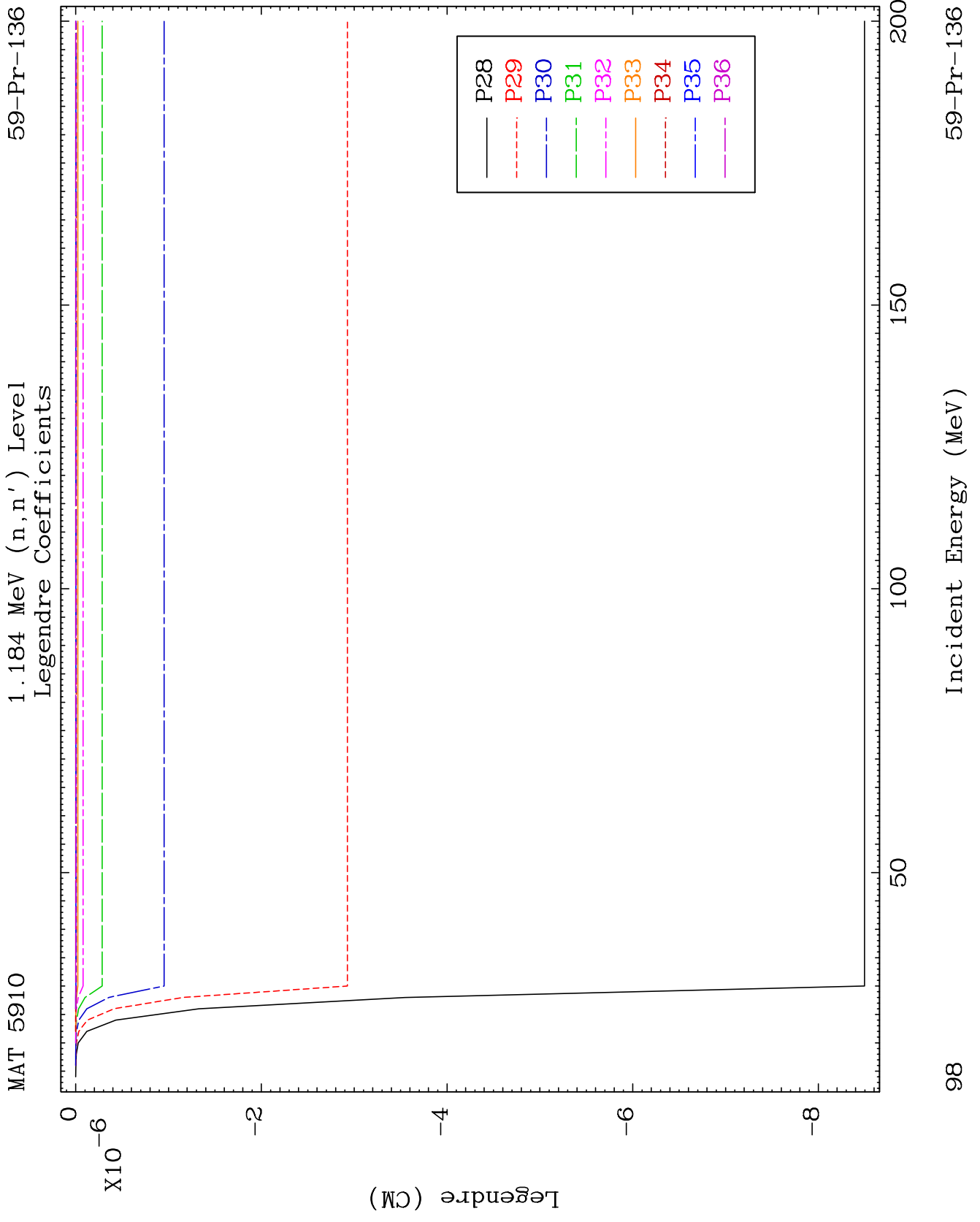










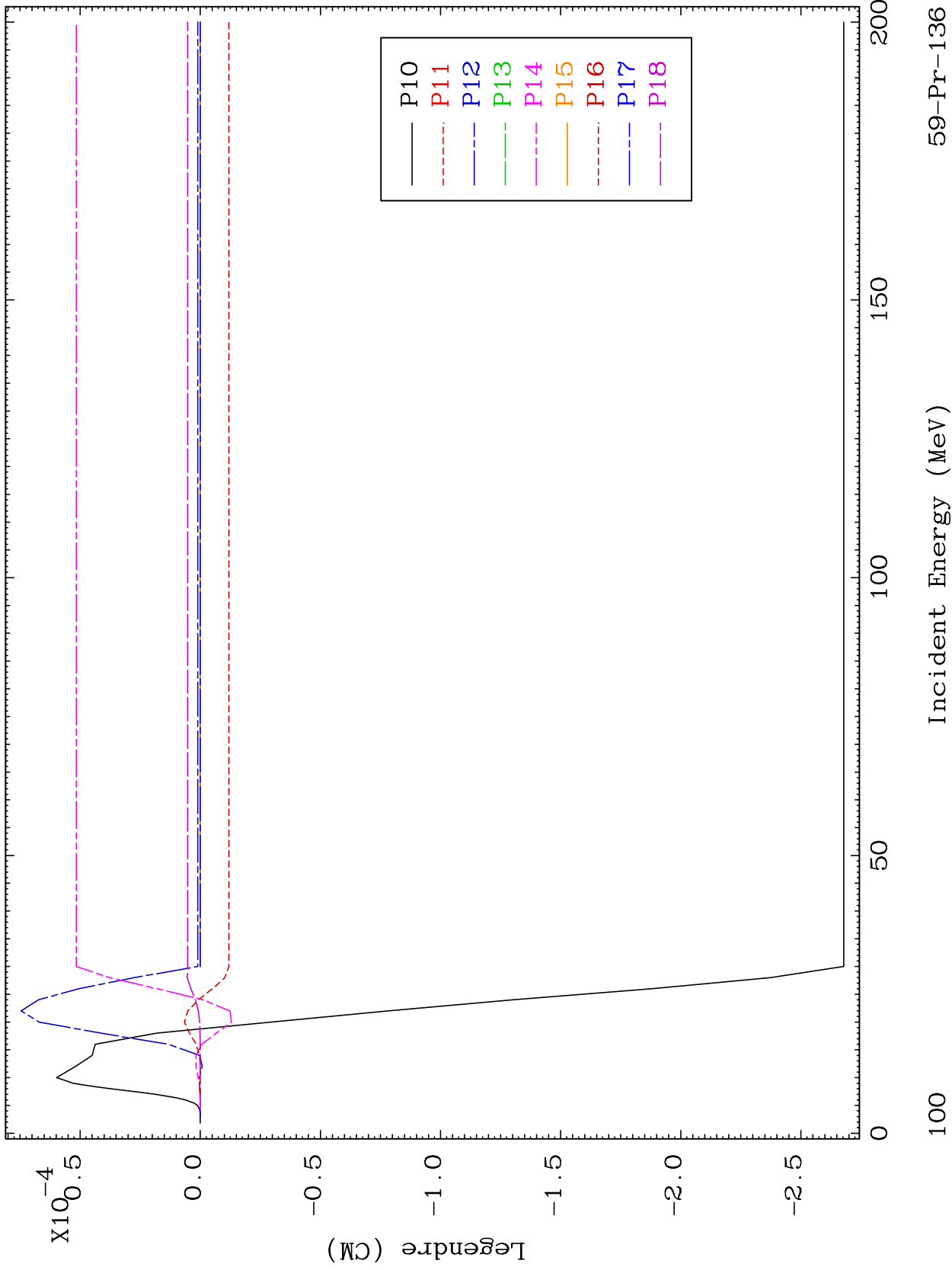




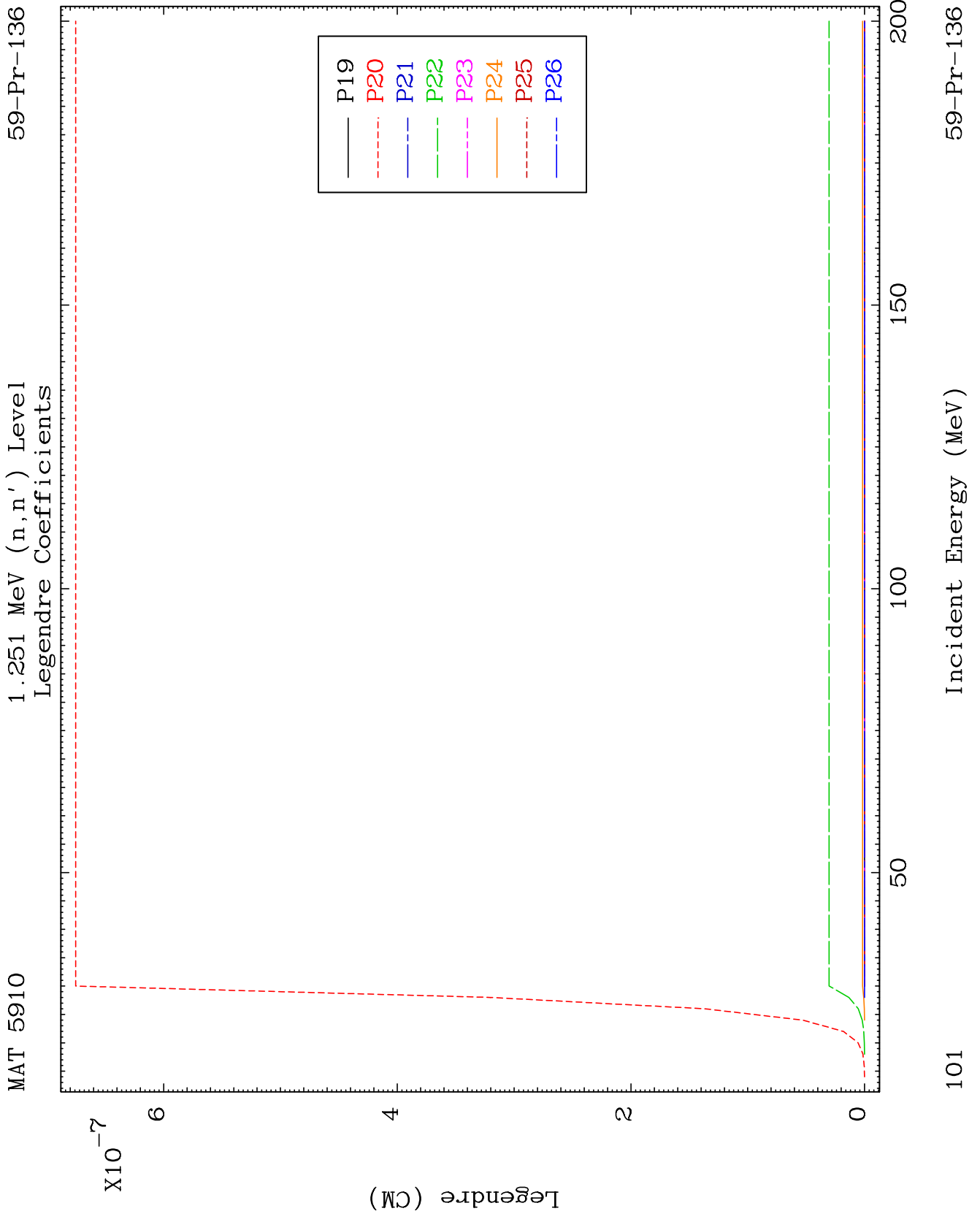
MAT 5910

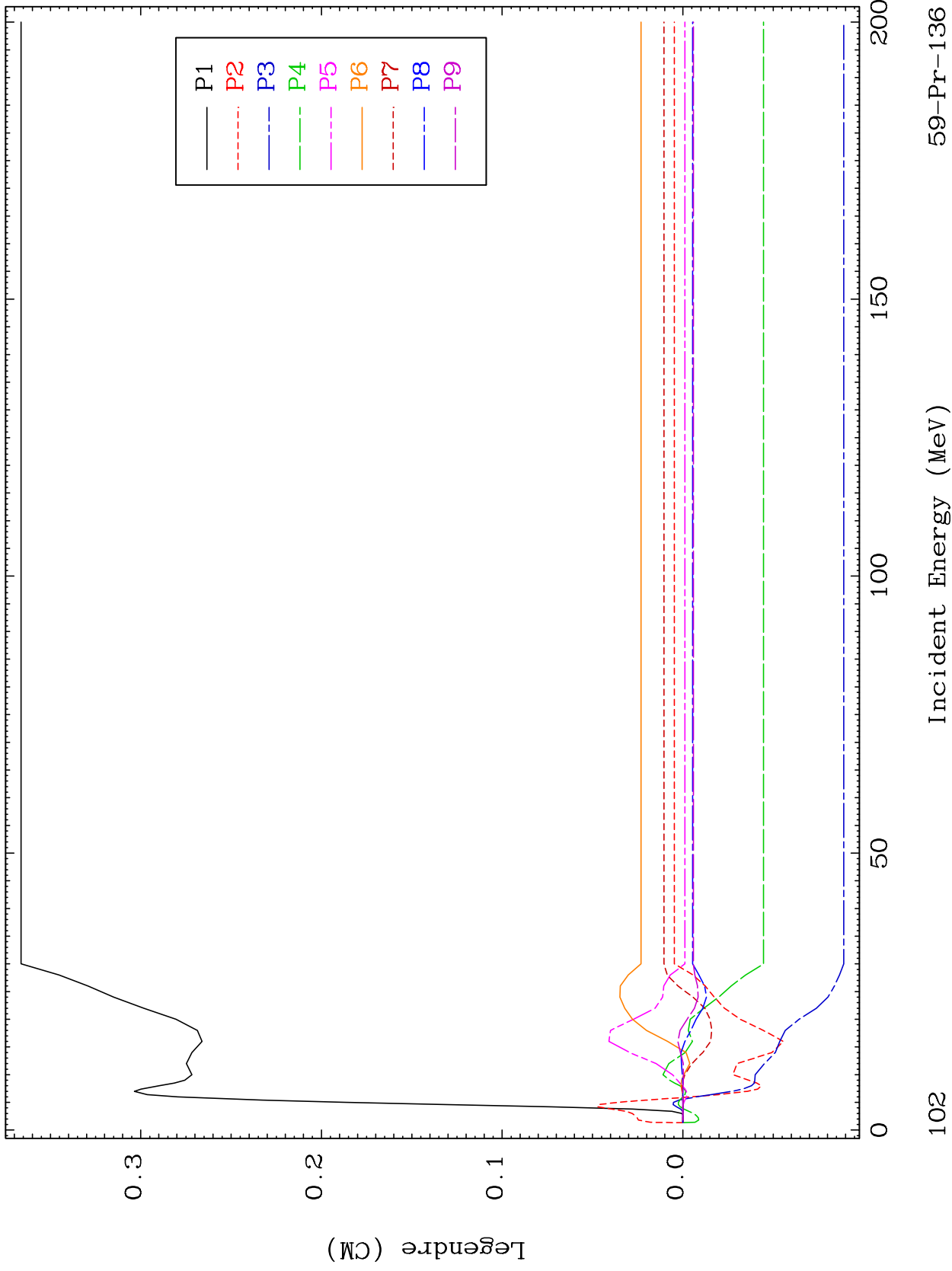
1.251 MeV (n,n') Level  
Legendre Coefficients

59-Pr-136



59-Pr-136

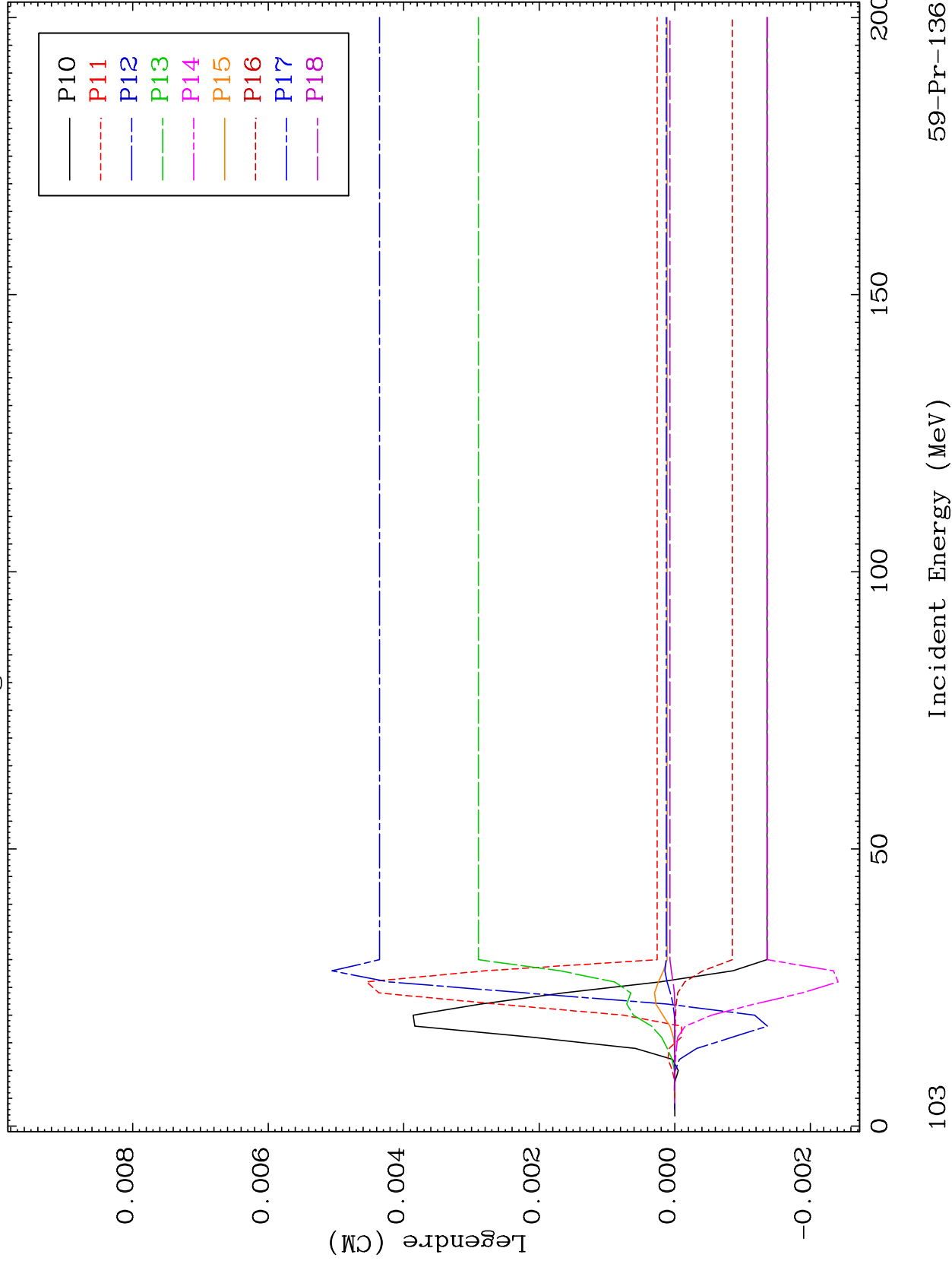




MAT 5910

1.316 MeV (n,n') Level  
Legendre Coefficients

59-Pr-136



103

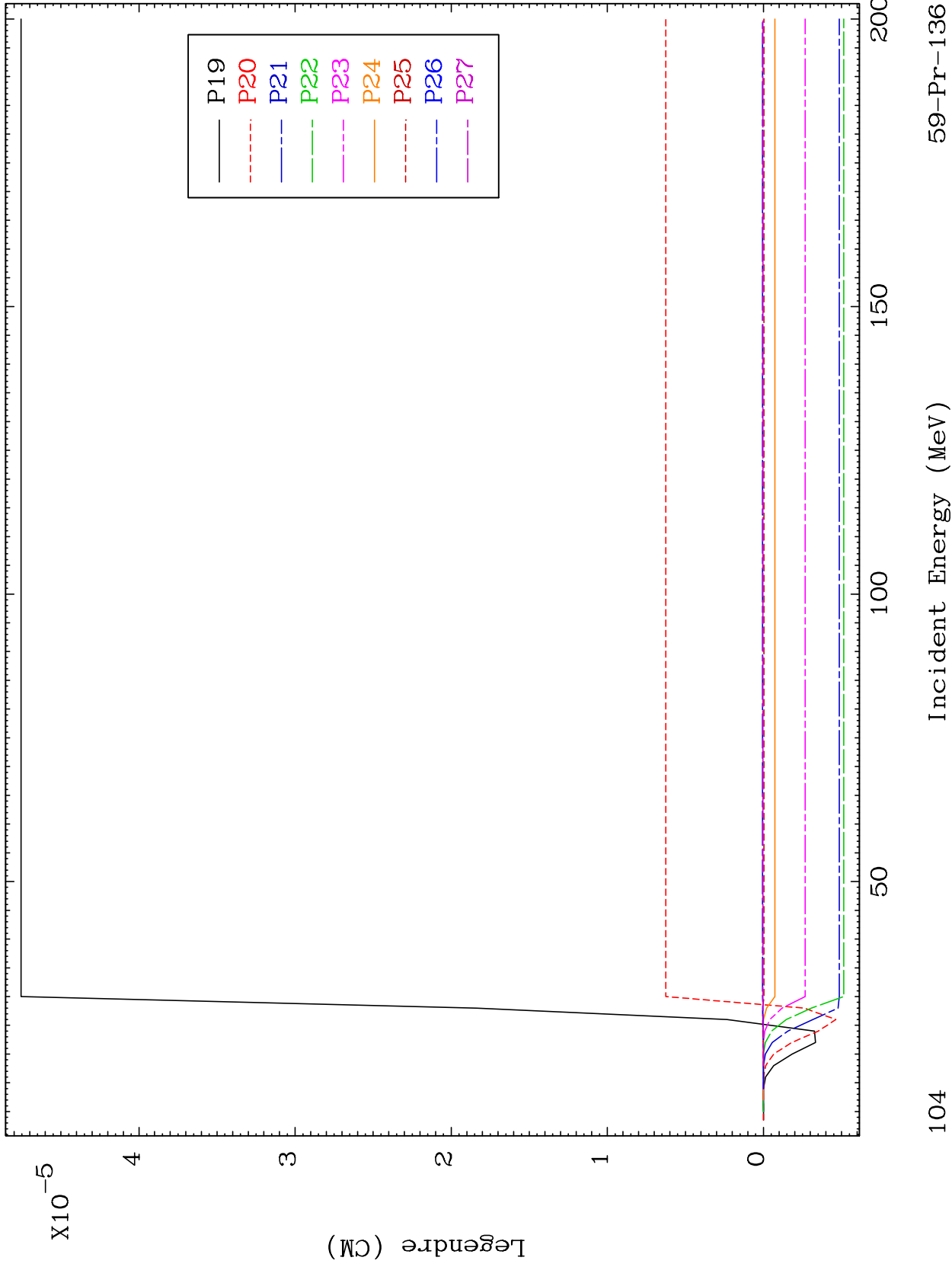
59-Pr-136



MAT 5910

1.316 MeV (n,n') Level  
Legendre Coefficients

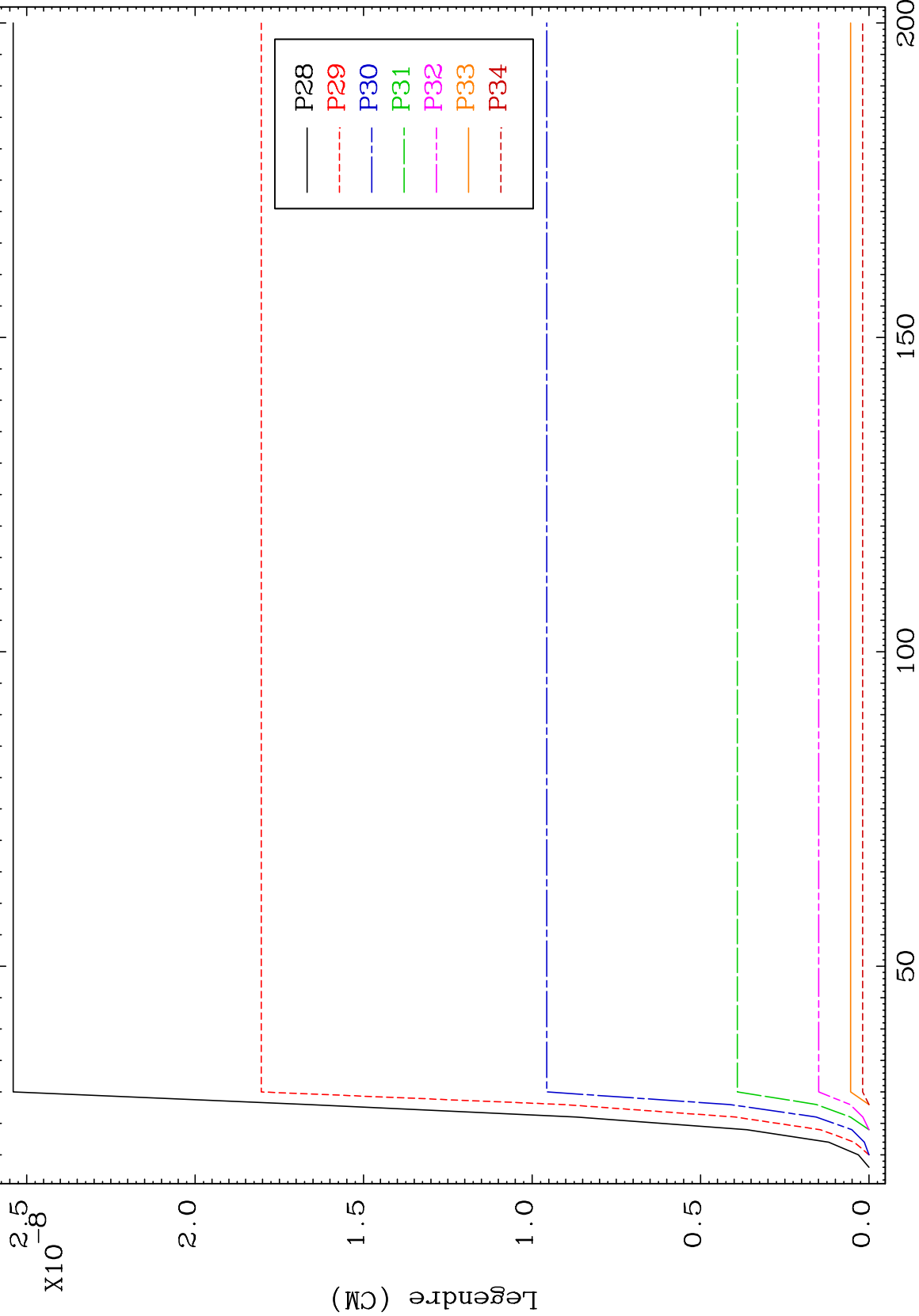
59-Pr-136



MAT 5910

1.316 MeV (n,n') Level  
Legendre Coefficients

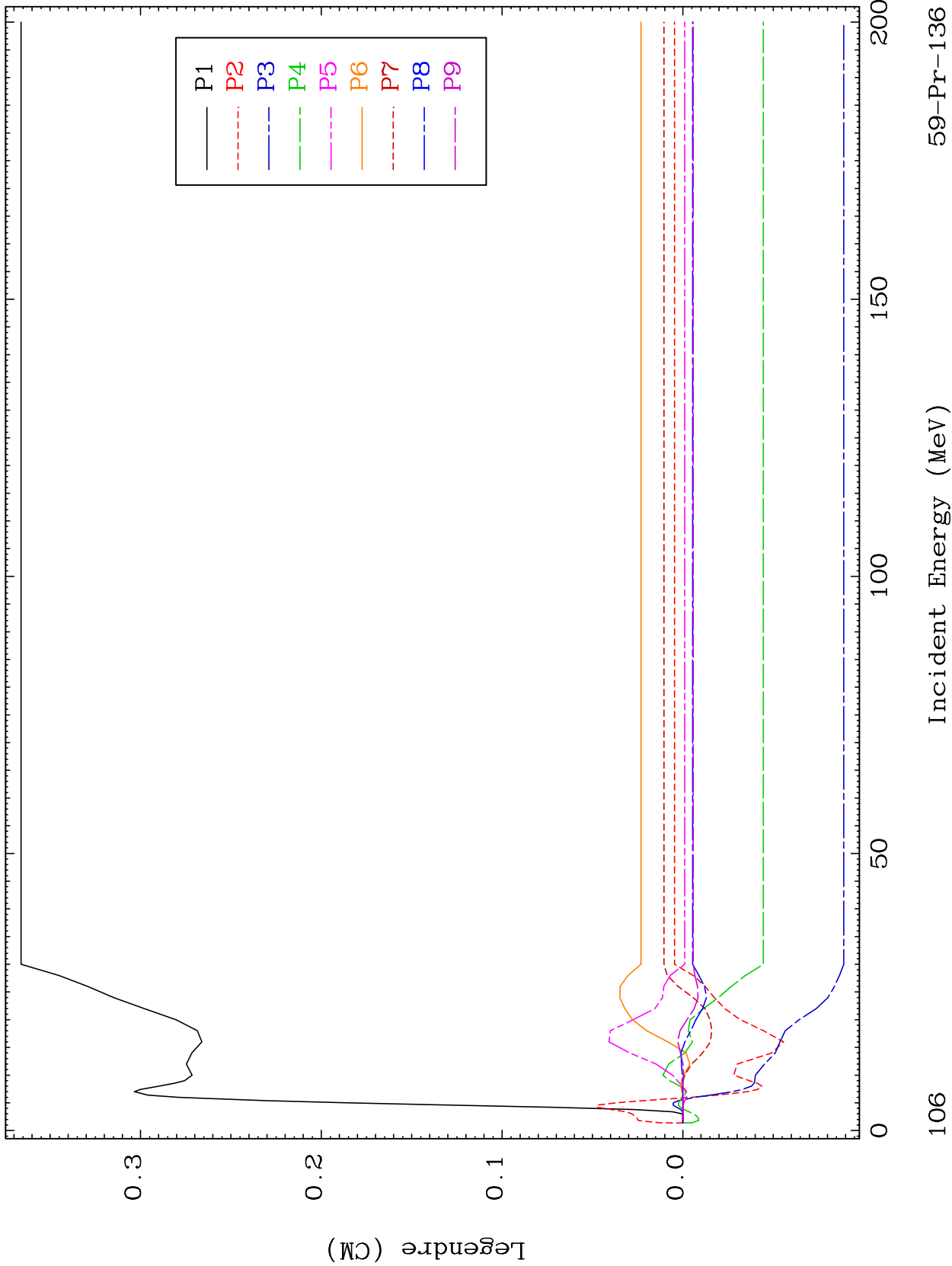
59-Pr-136



105

Incident Energy (MeV)

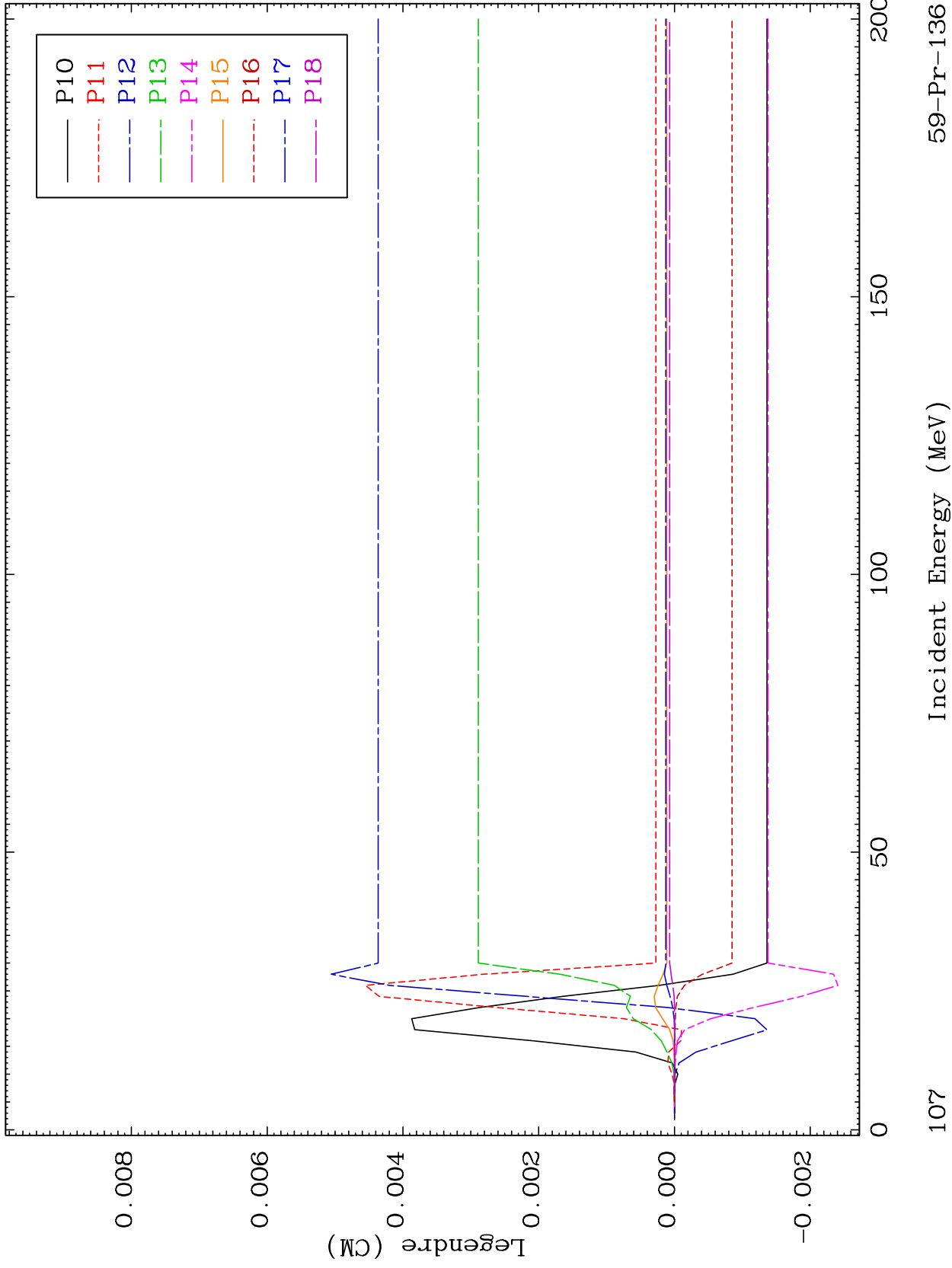
59-Pr-136



MAT 5910

1.346 MeV (n,n') Level  
Legendre Coefficients

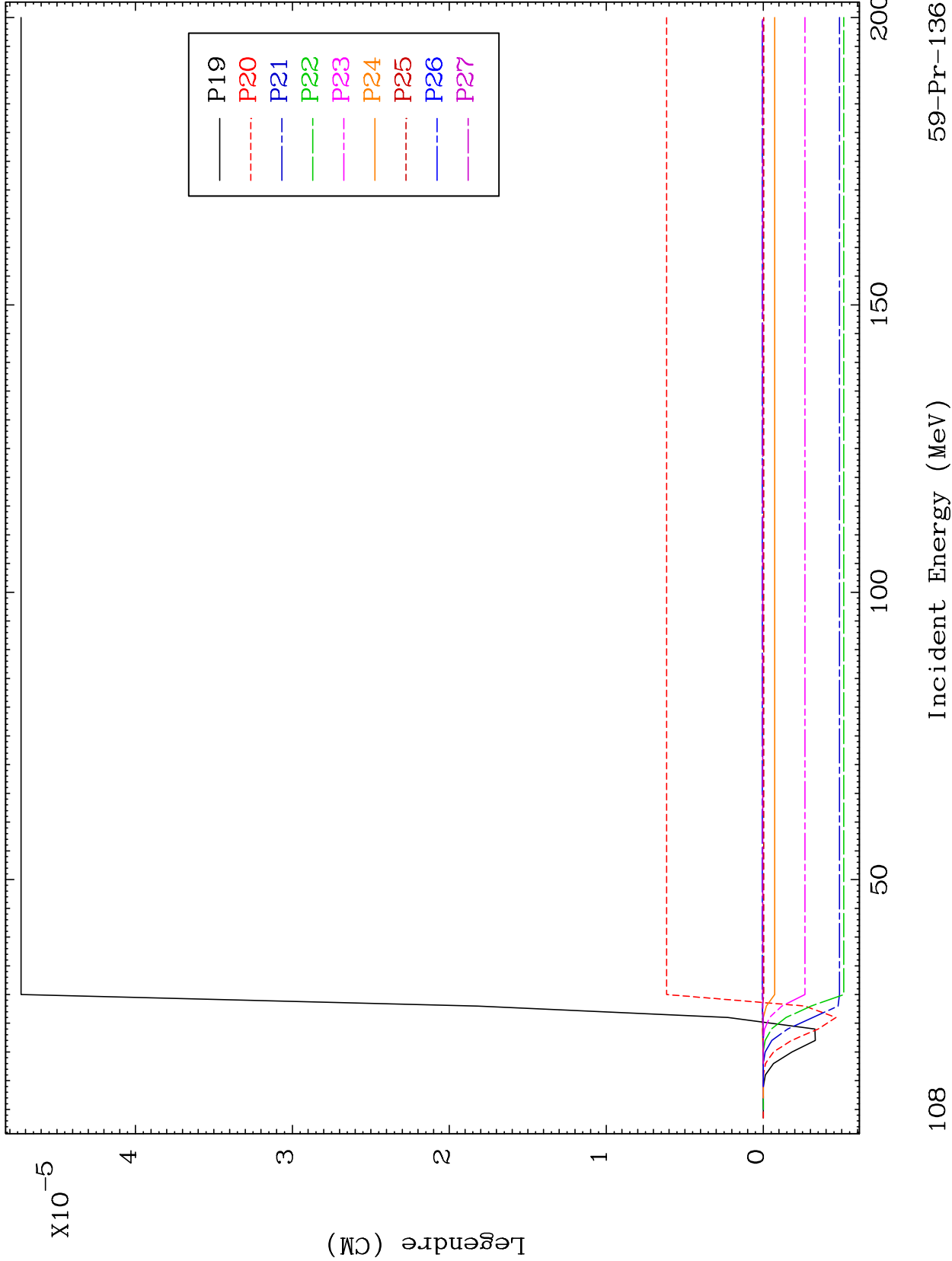
59-Pr-136

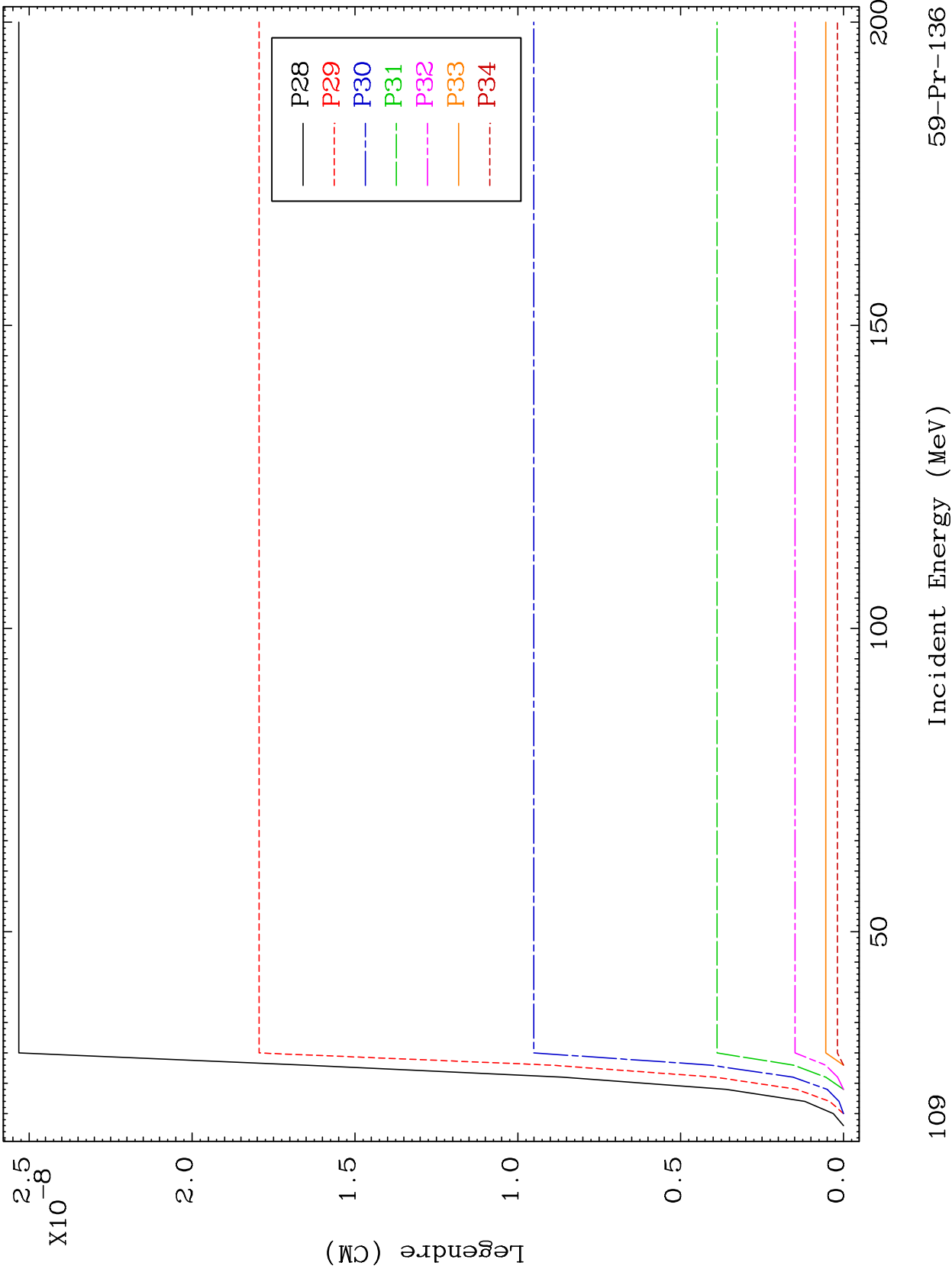


59-Pr-136

Incident Energy (MeV)

107

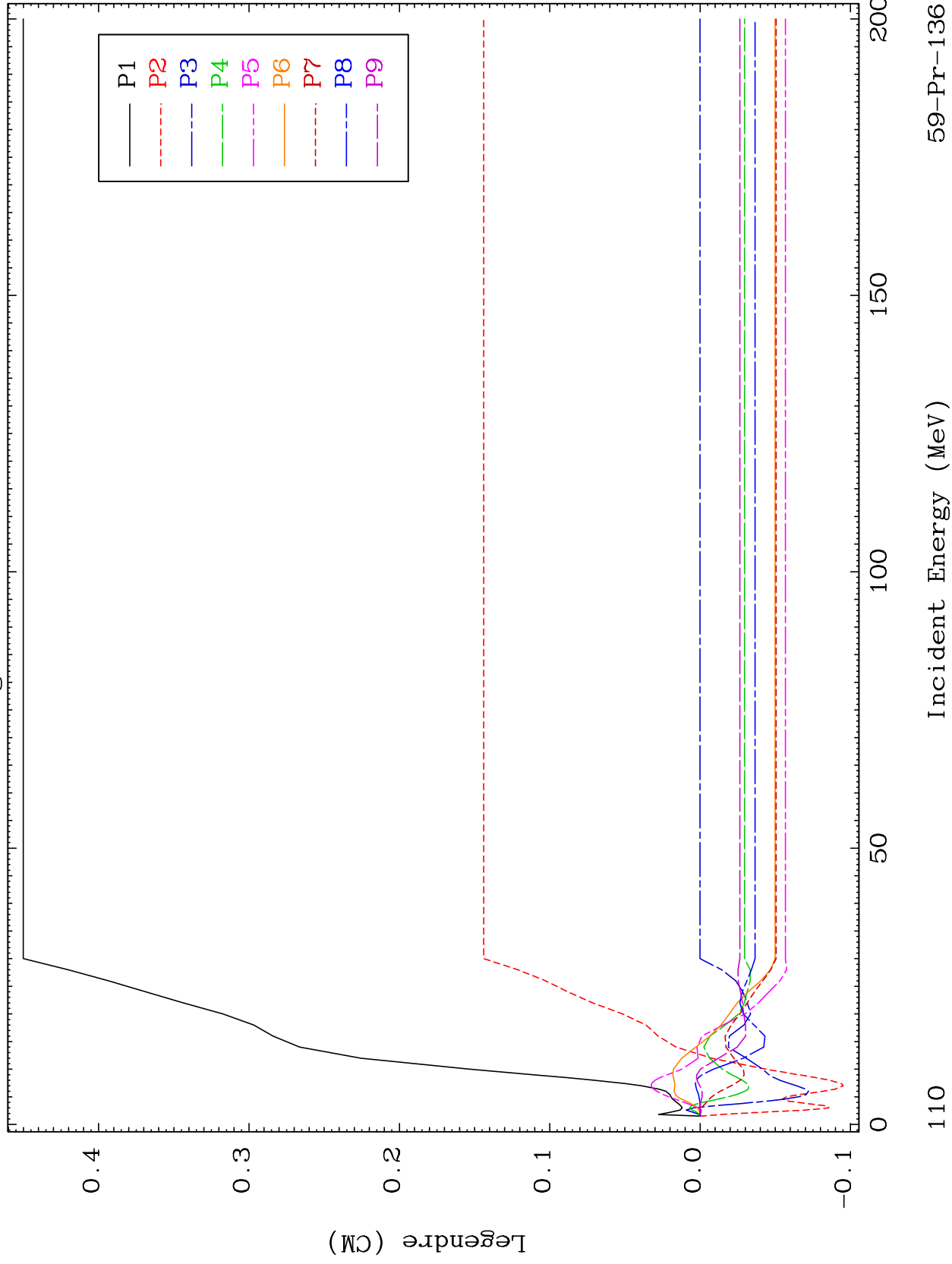




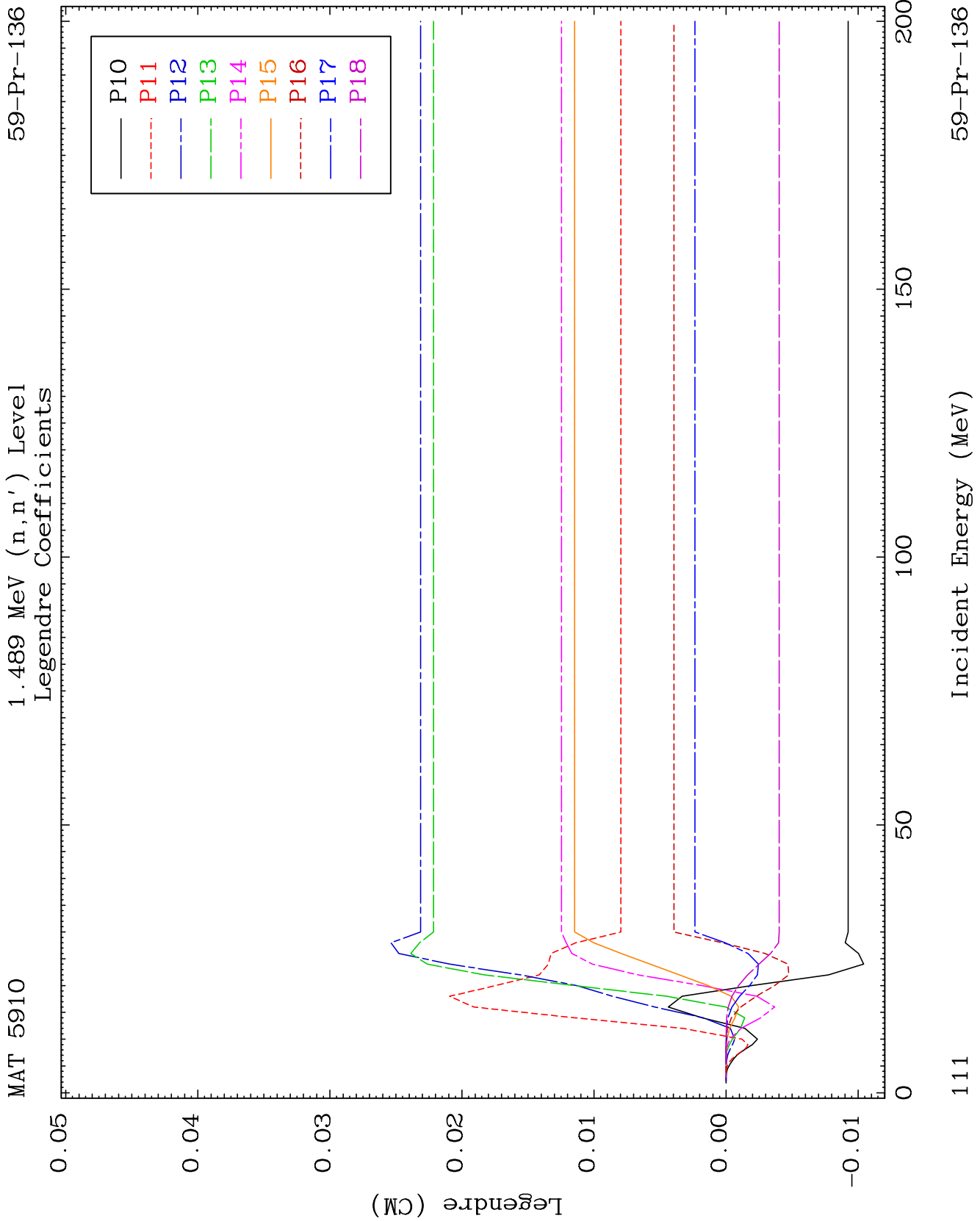
MAT 5910

1.489 MeV (n,n') Level  
Legendre Coefficients

59-Pr-136



59-Pr-136

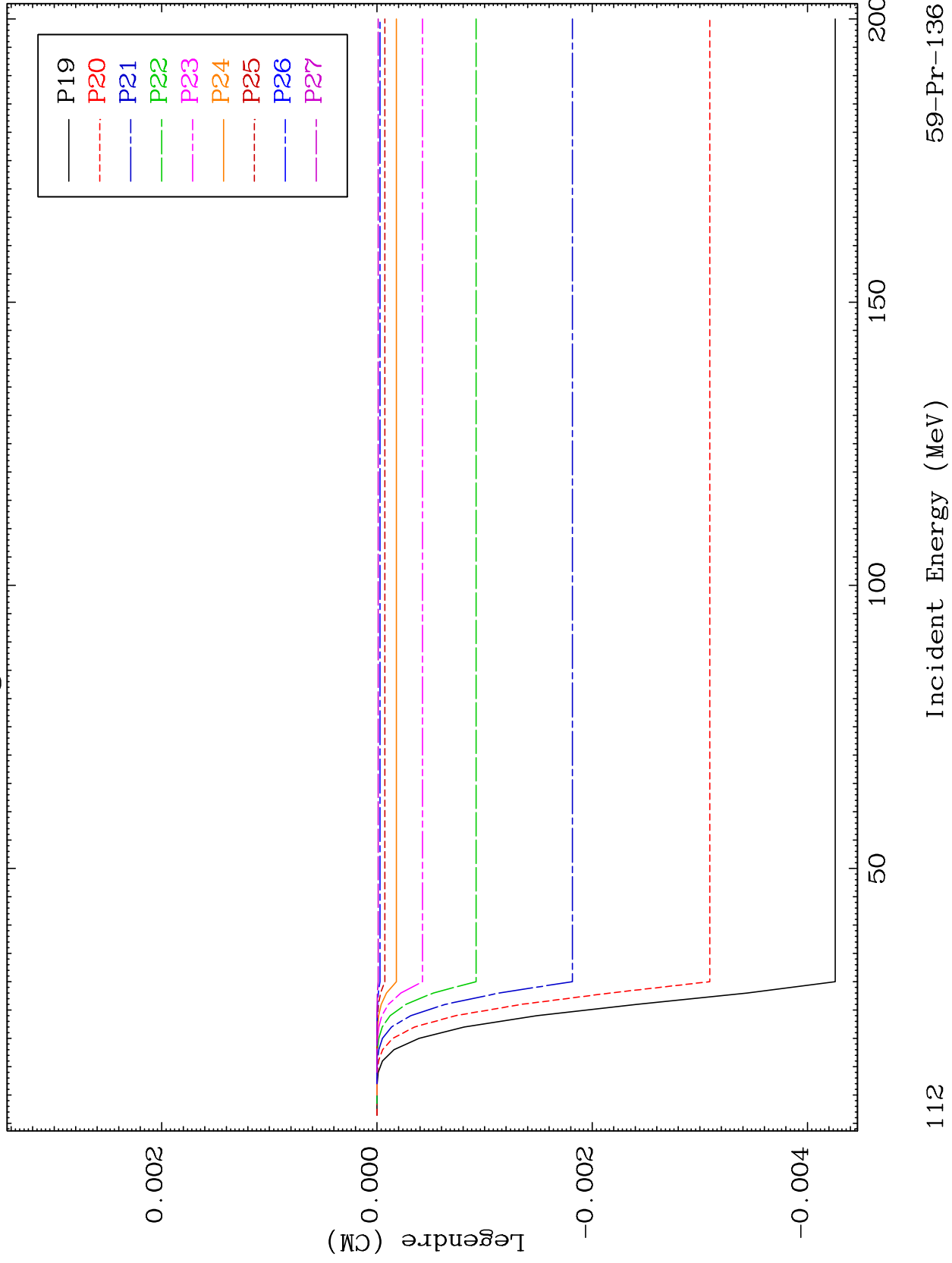




MAT 5910

1.489 MeV (n,n') Level  
Legendre Coefficients

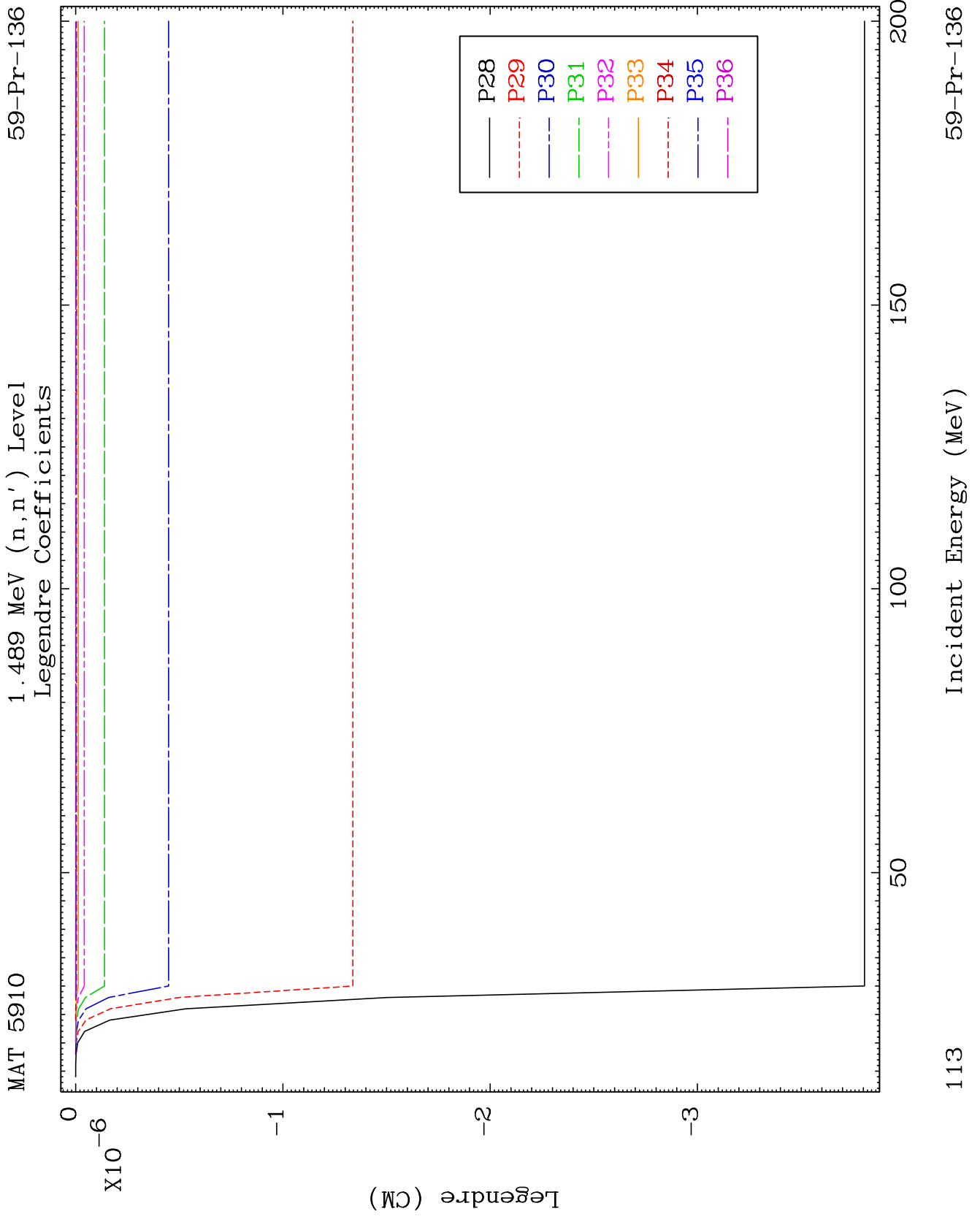
59-Pr-136



112

Incident Energy (MeV)

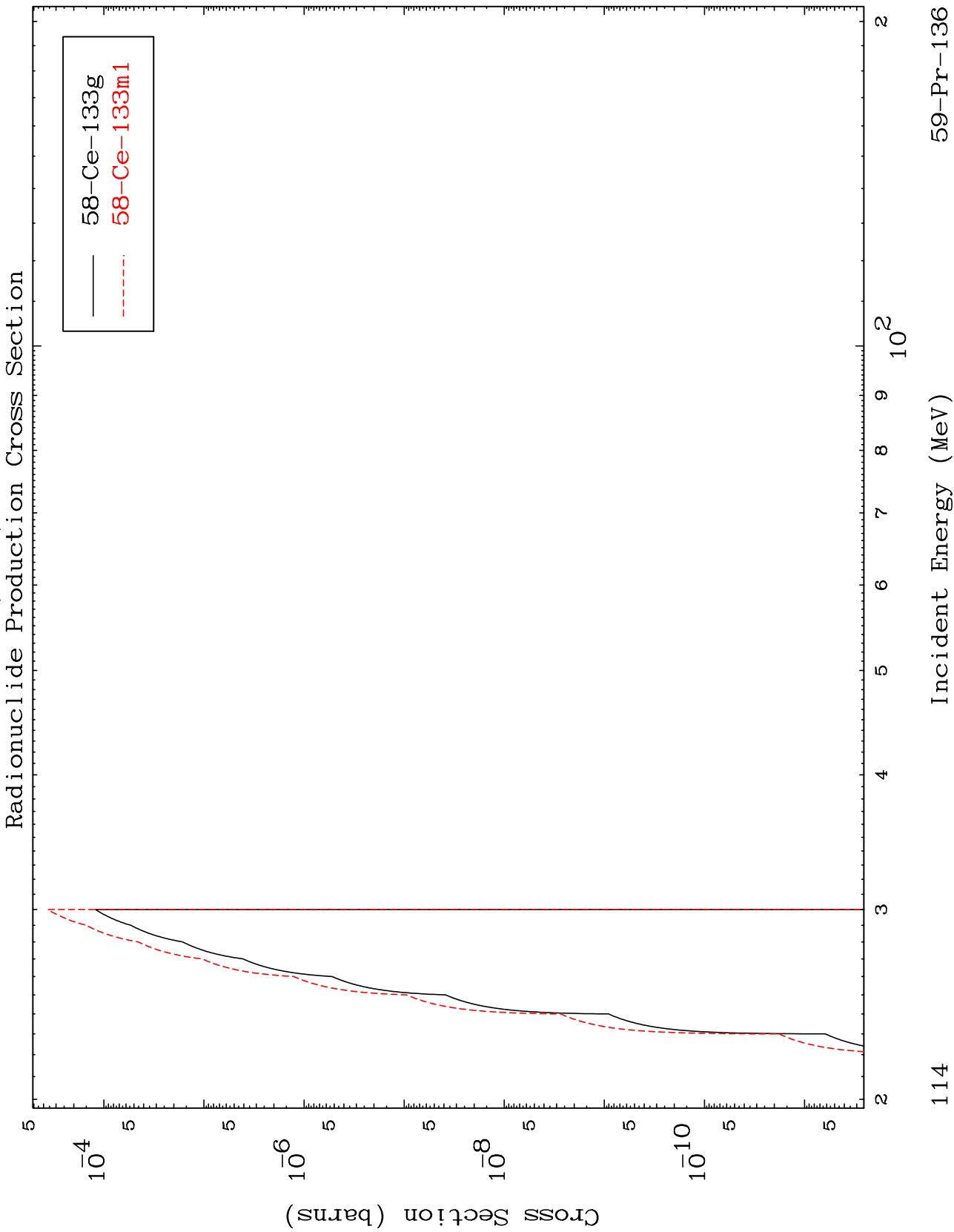
59-Pr-136



MAT 5910

(n,2n) d

59-Pr-136



114

Incident Energy (MeV)

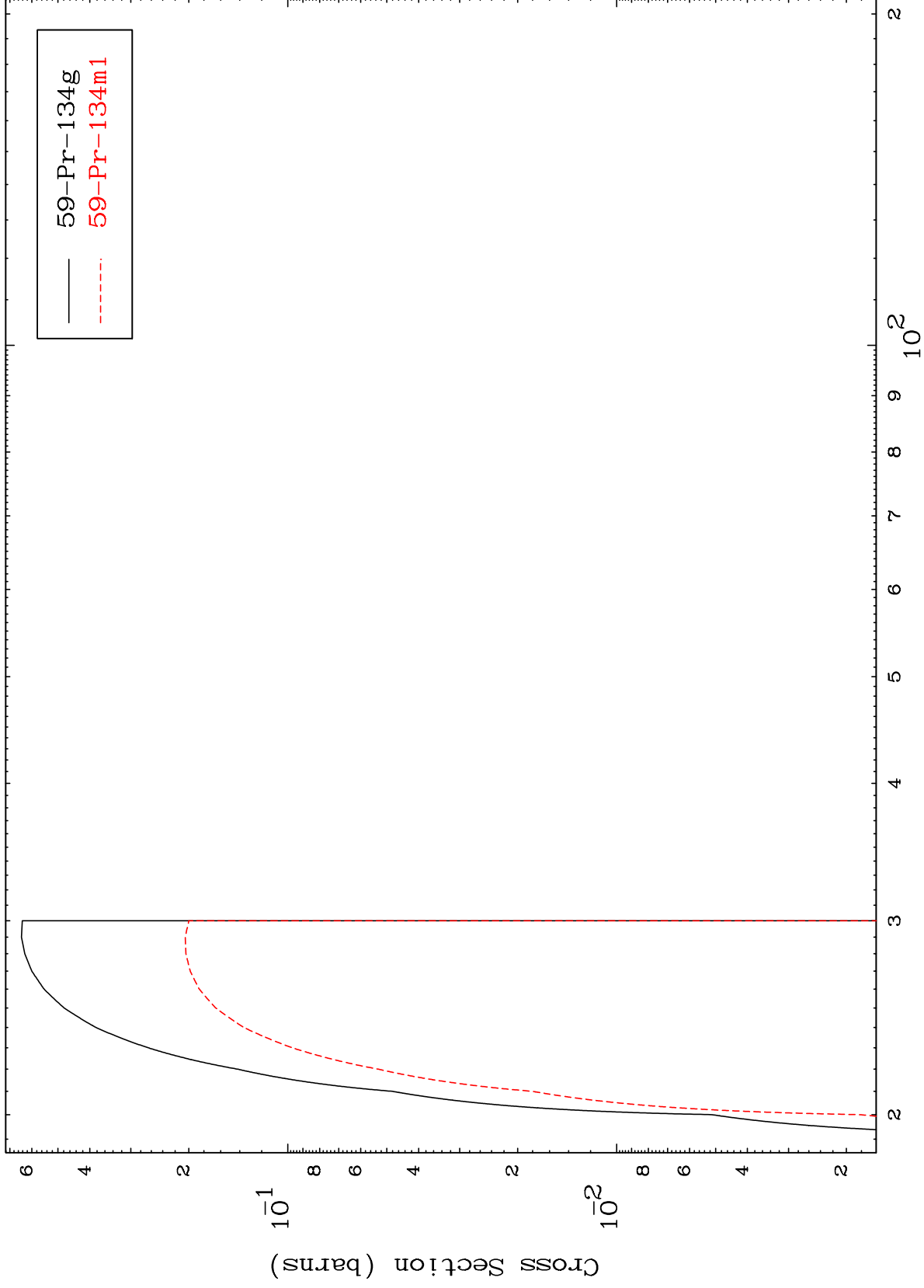
59-Pr-136

MAT 5910

(n,3n)

59-Pr-136

Radionuclide Production Cross Section



115

Incident Energy (MeV)

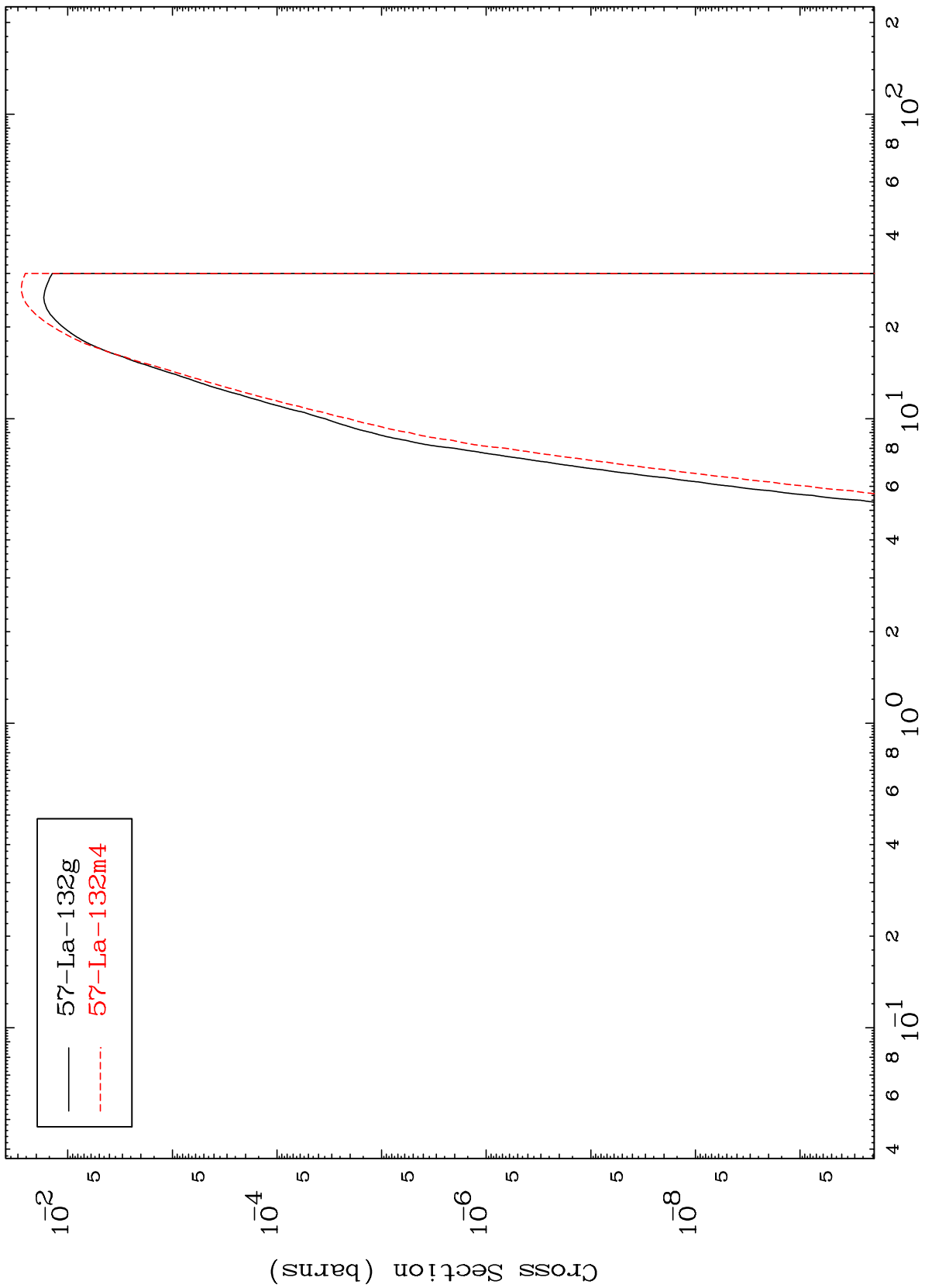
59-Pr-136

MAT 5910

(n,n')  $\alpha$

59-Pr-136

Radionuclide Production Cross Section

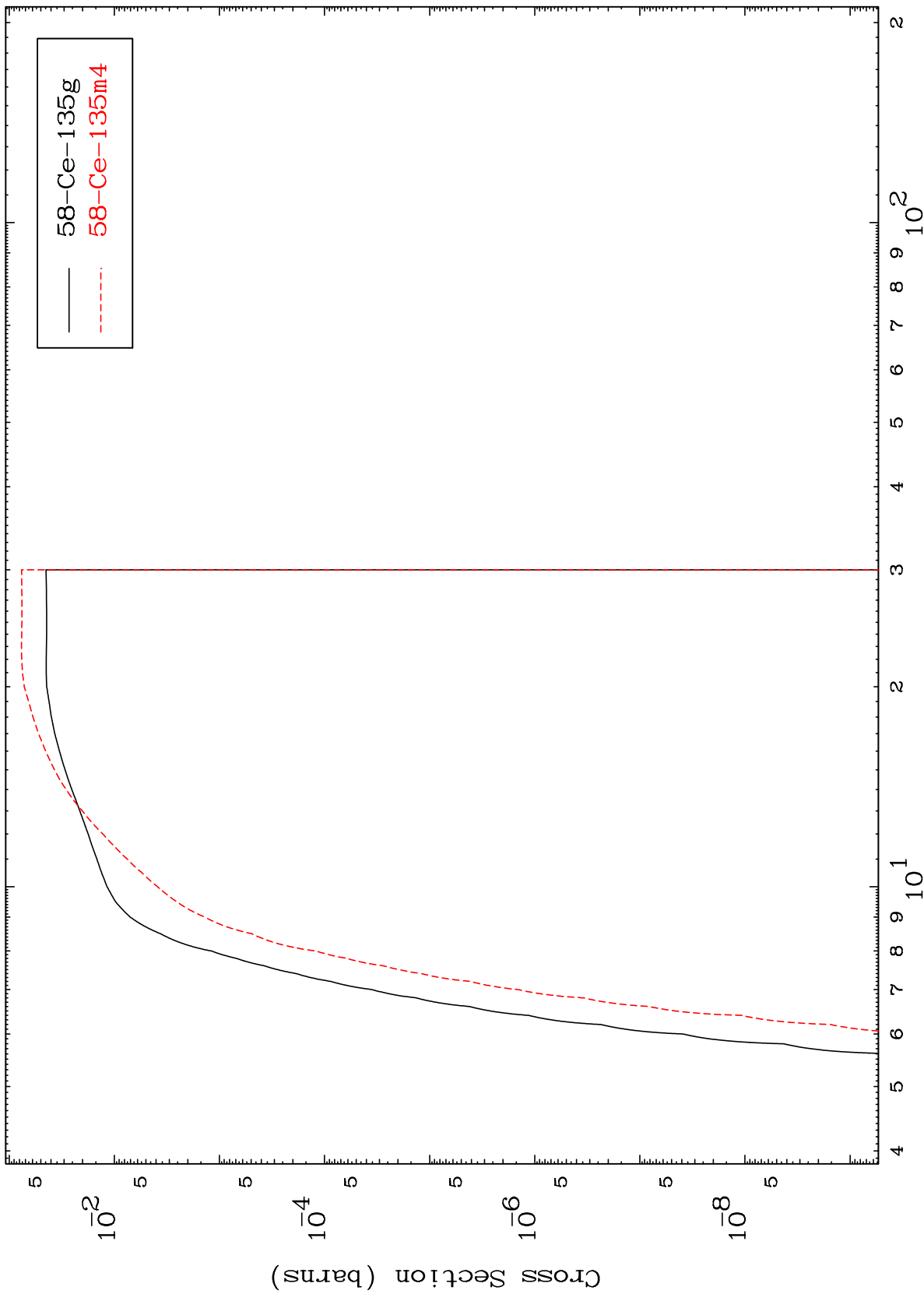


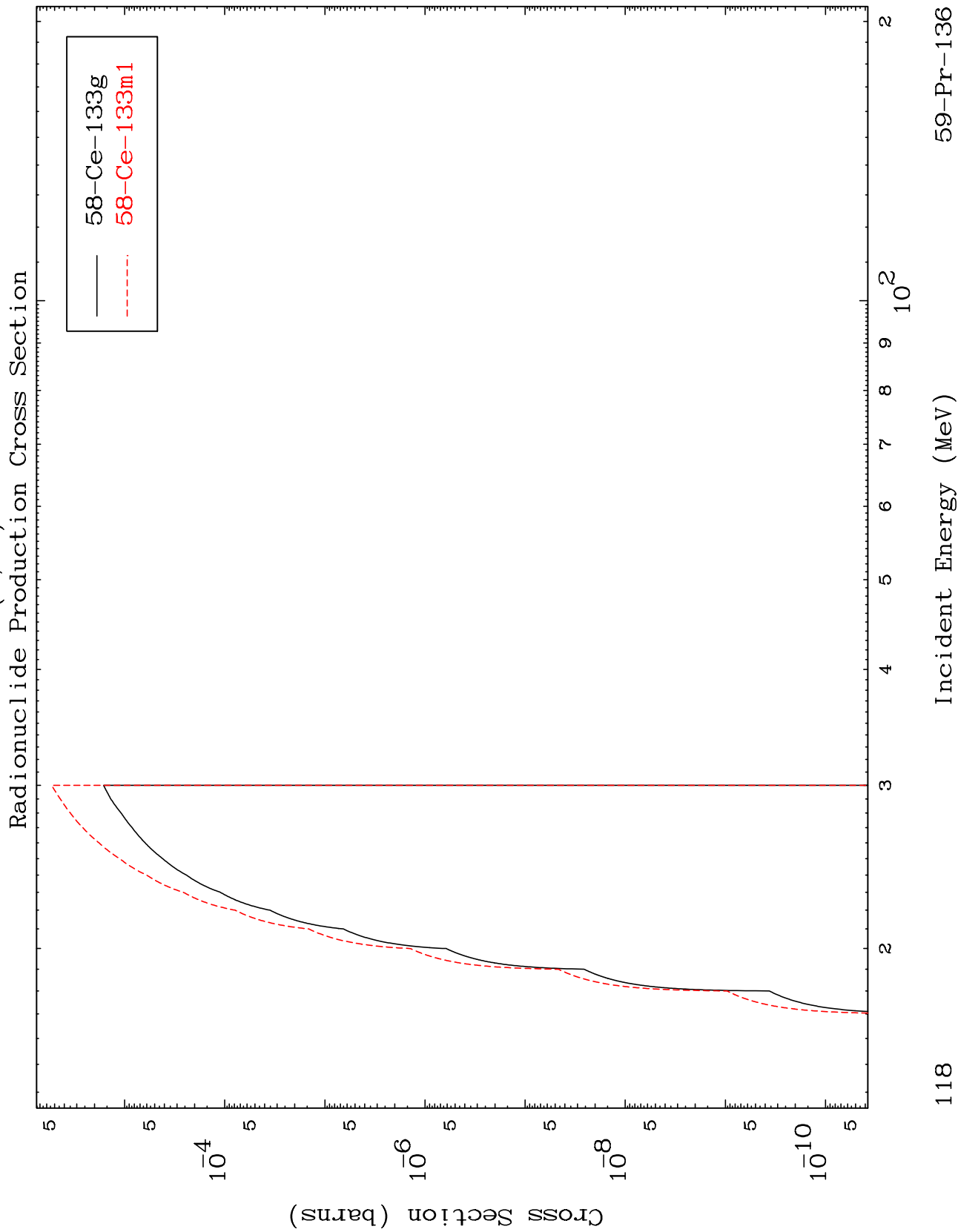
116

Incident Energy (MeV)

59-Pr-136

(n,n') p  
Radionuclide Production Cross Section

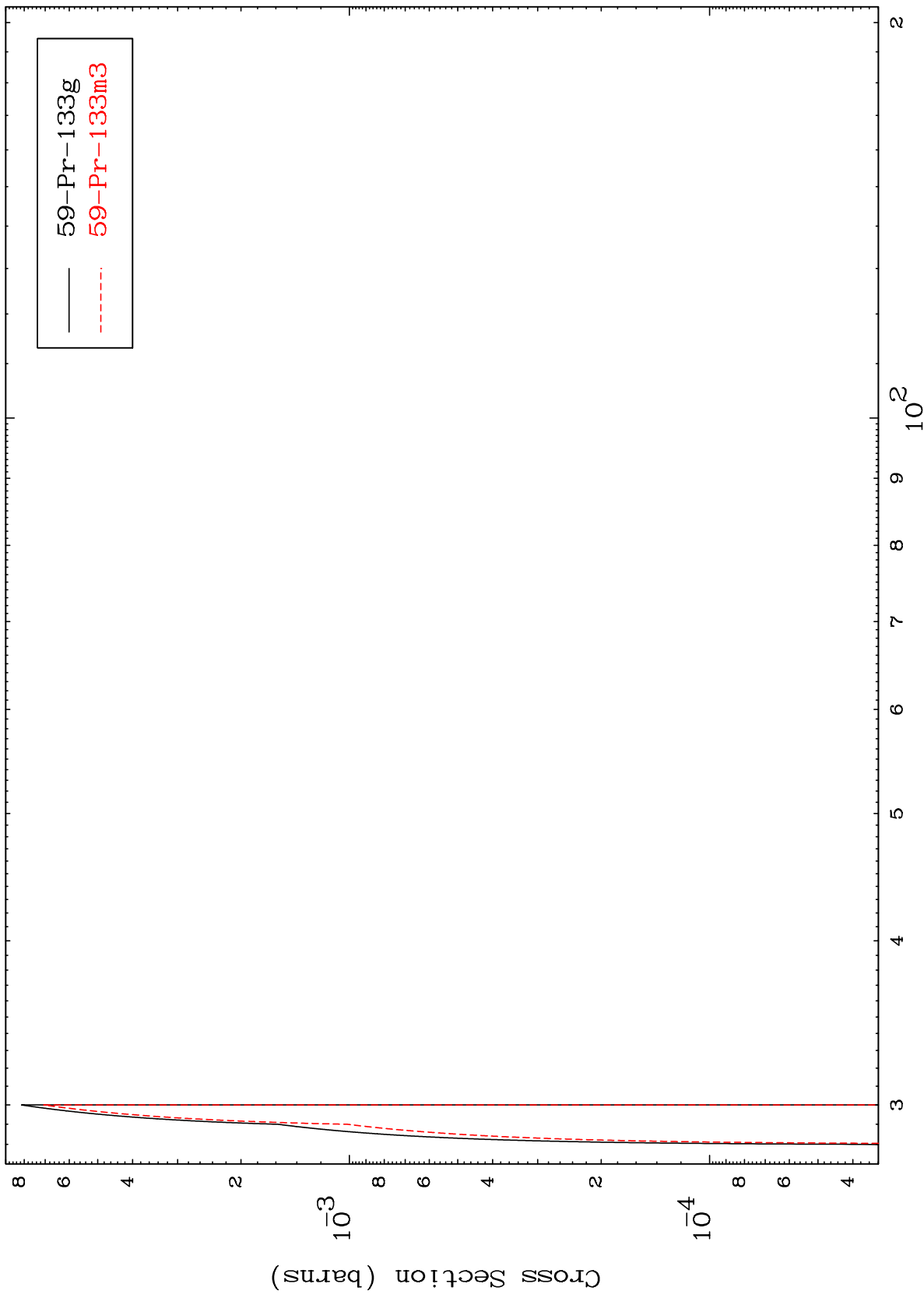




MAT 5910

59-Pr-136

(n,4n)  
Radionuclide Production Cross Section



59-Pr-136

Incident Energy (MeV)

119

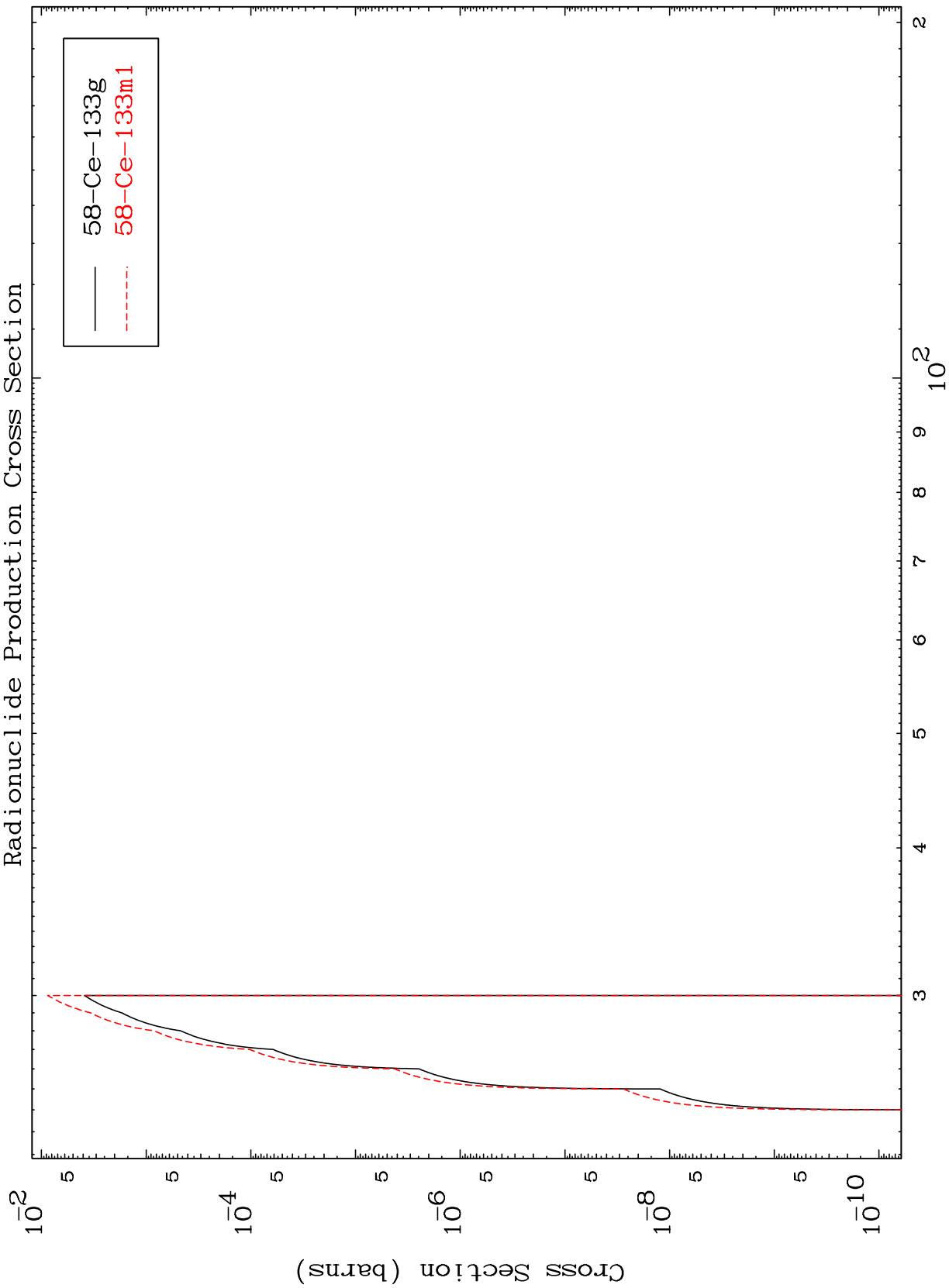


MAT 5910

(n,3n) p

59-Pr-136

Radionuclide Production Cross Section



120

Incident Energy (MeV)

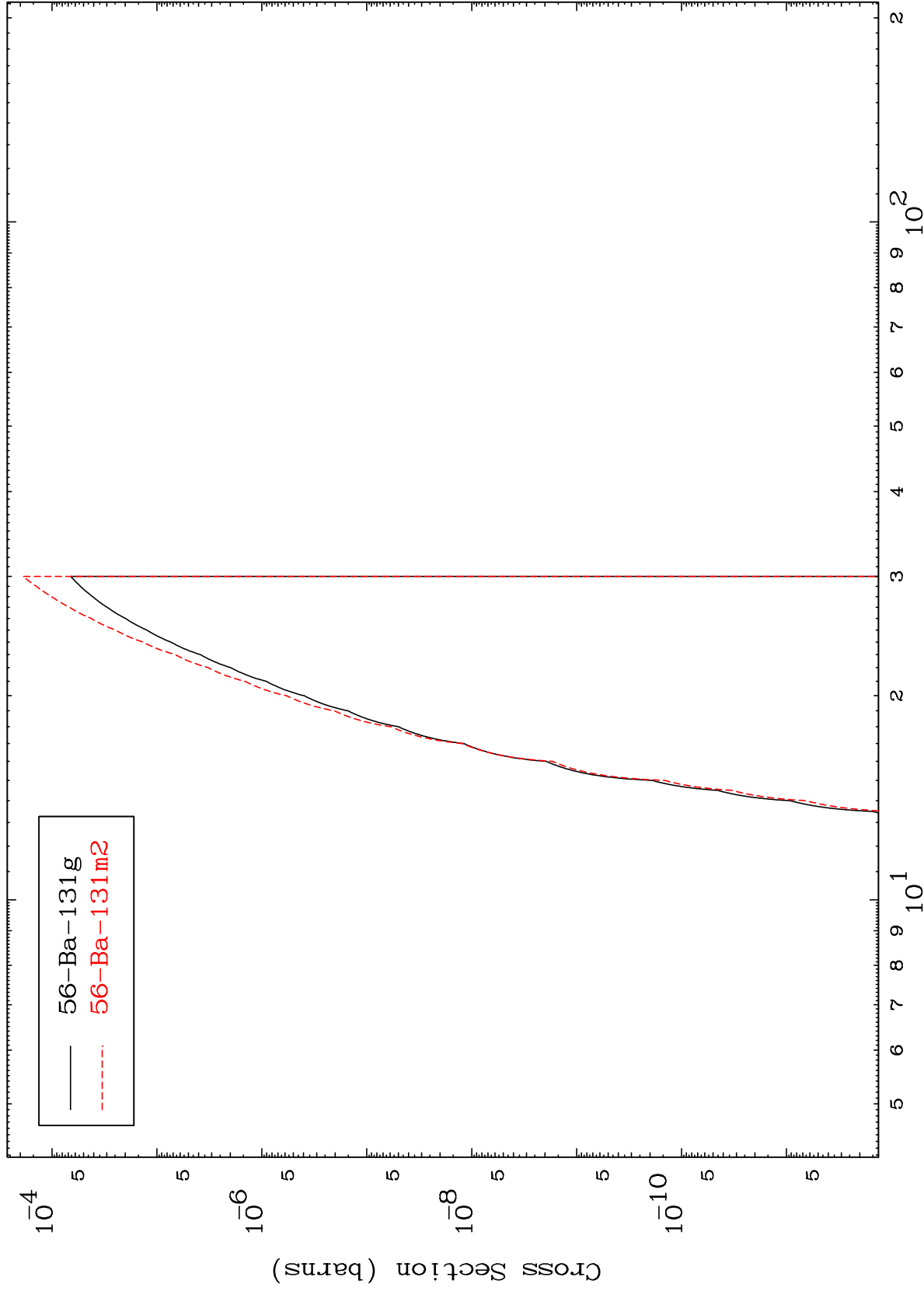
59-Pr-136

MAT 5910

(n,n') p  $\alpha$

59-Pr-136

Radionuclide Production Cross Section



121

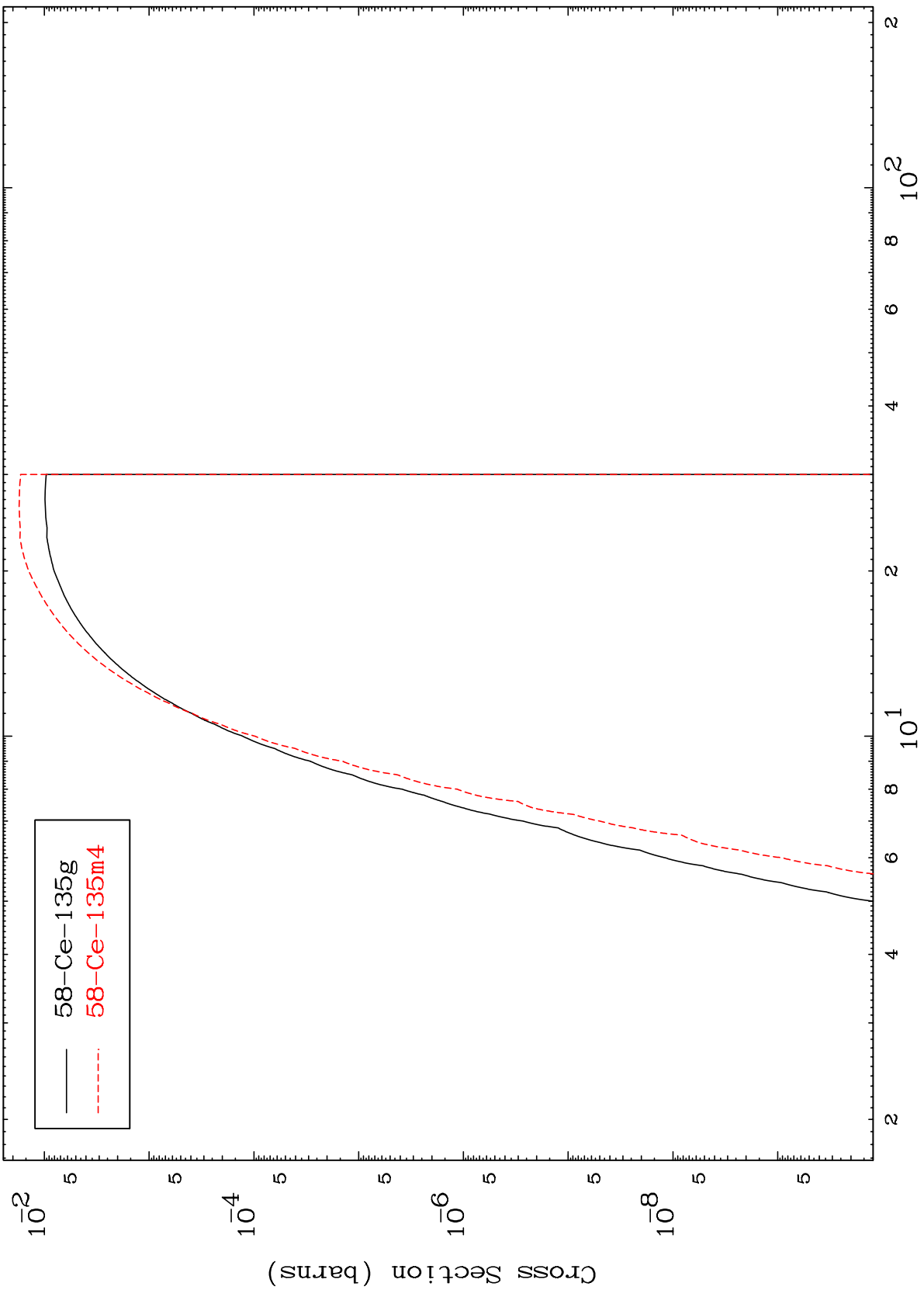
Incident Energy (MeV)

59-Pr-136

MAT 5910

59-Pr-136

(n,d)  
Radionuclide Production Cross Section



— 58-Ce-135g  
- - - 58-Ce-135m4

122

Incident Energy (MeV)

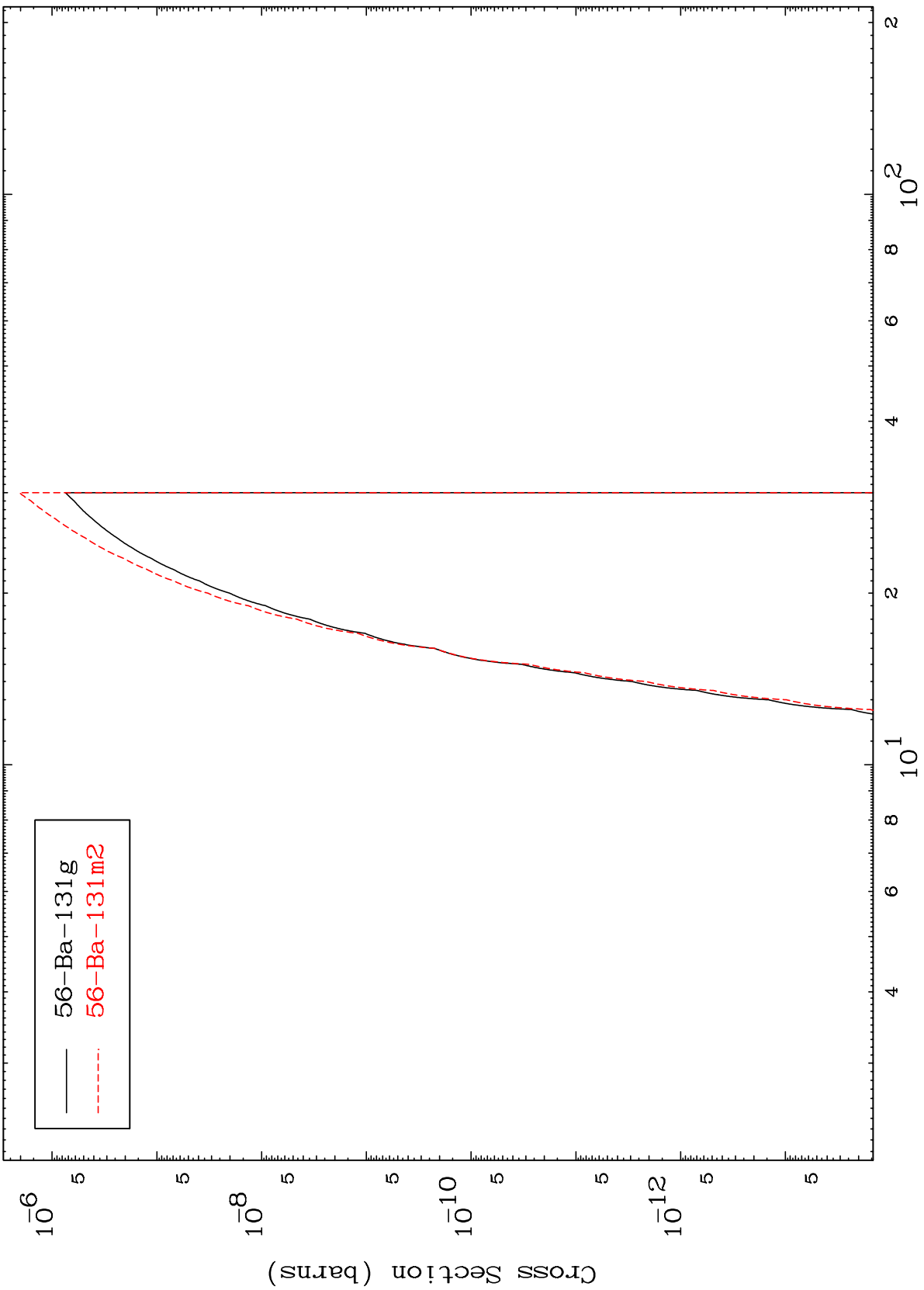
59-Pr-136

MAT 5910

(n,d)  $\alpha$

59-Pr-136

Radionuclide Production Cross Section



56-Ba-131g  
56-Ba-131m2