

Program EVALPLOT  
(Version 2015-2)

by

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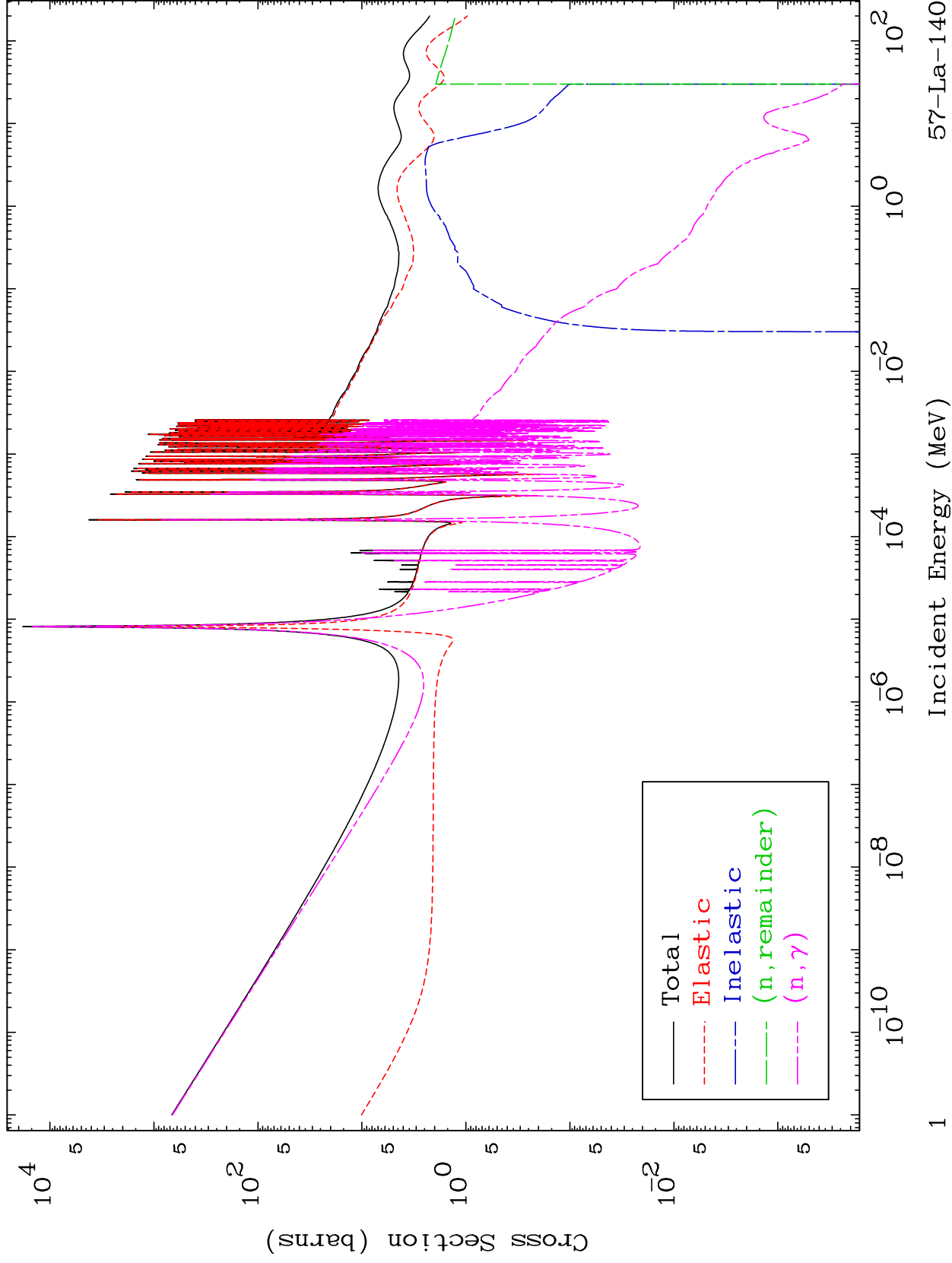
Press Mouse Button to Start

MAT 5731

Major

293 Kelvin Cross Sections

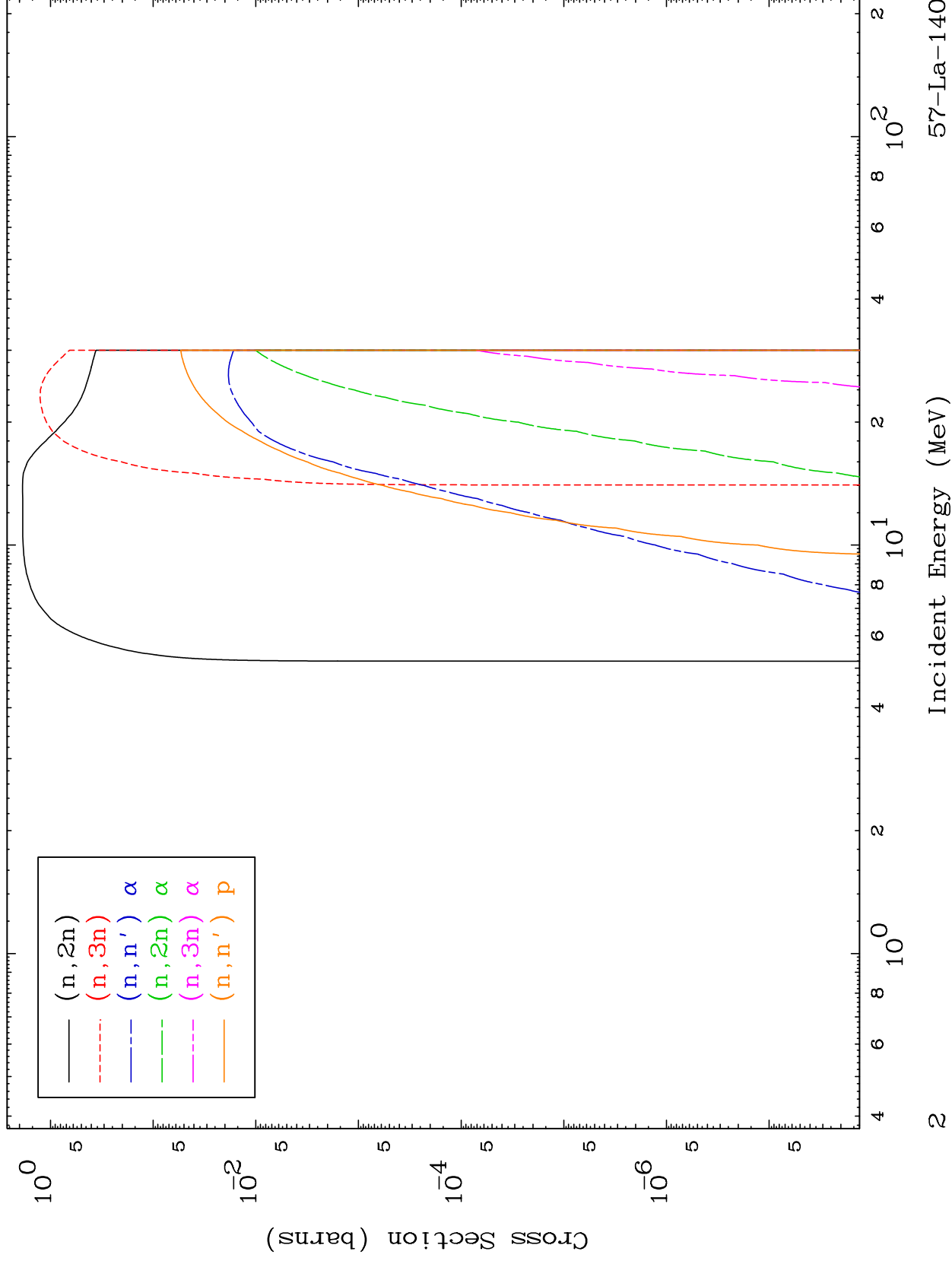
57-La-140



MAT 5731

Neutron Production  
293 Kelvin Cross Sections

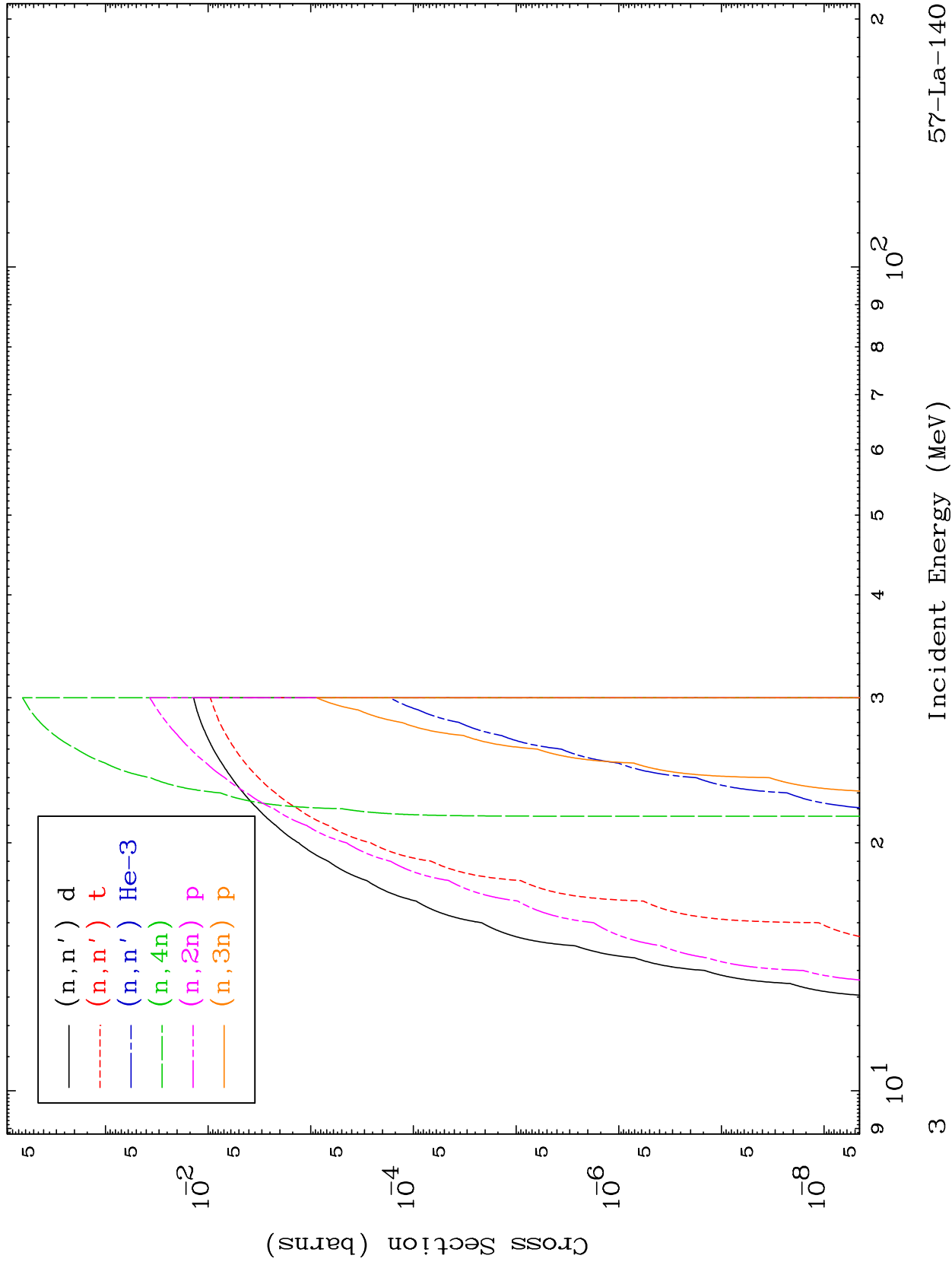
57-La-140



MAT 5731

Neutron Production  
293 Kelvin Cross Sections

57-La-140



57-La-140

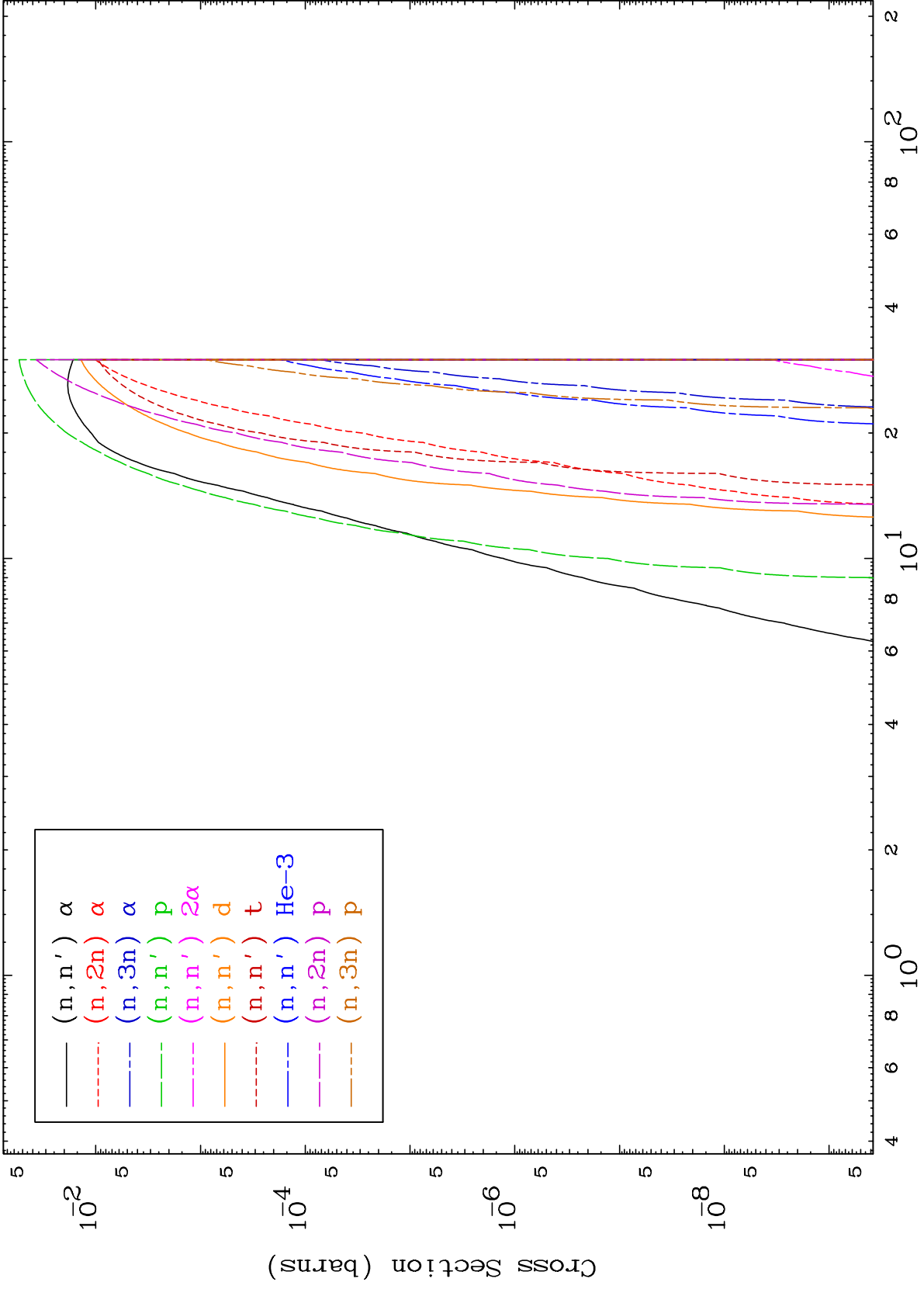
Incident Energy (MeV)

3

MAT 5731

Charged Particle  
293 Kelvin Cross Sections

57-La-140



4

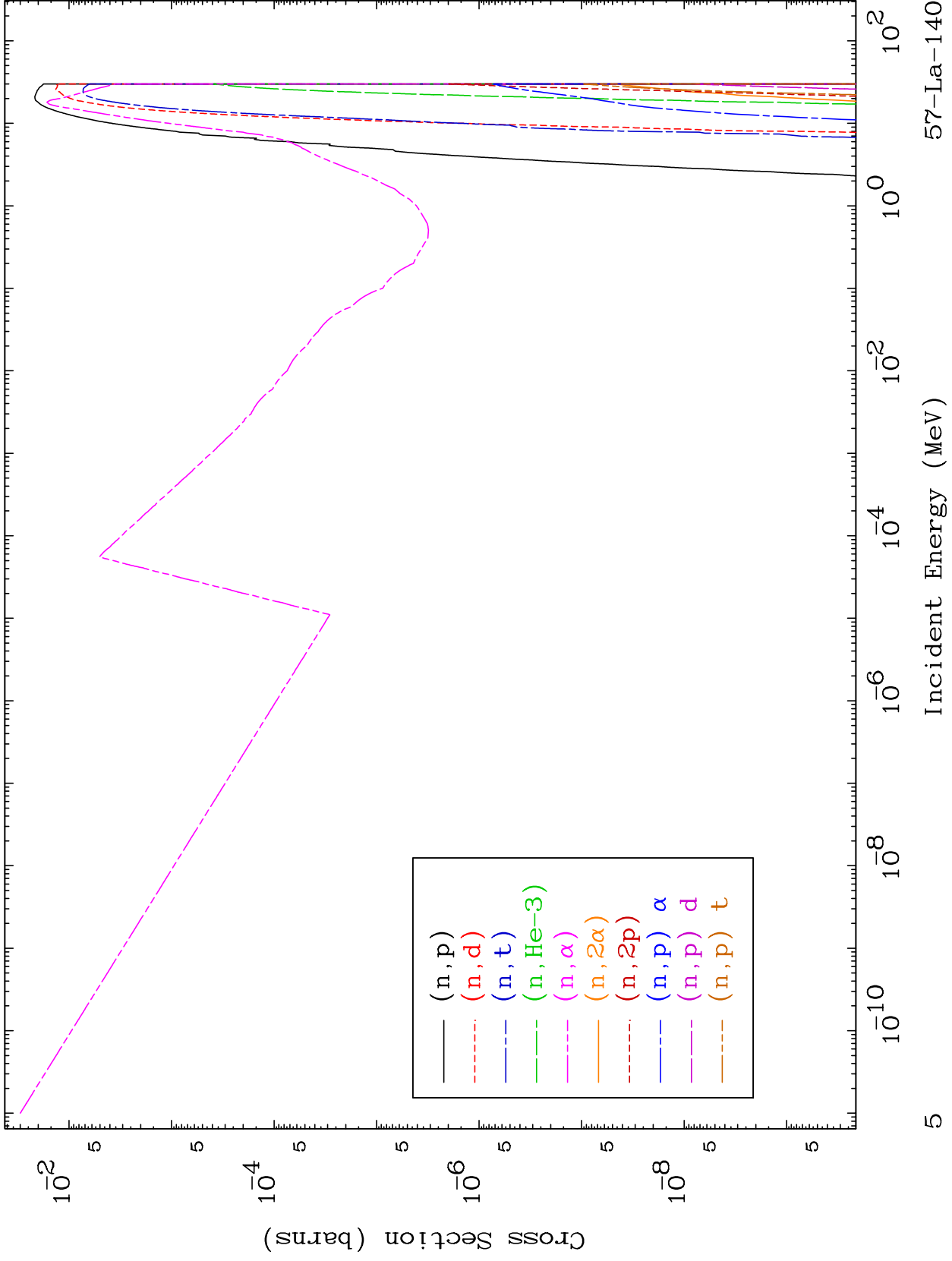
Incident Energy (MeV)

57-La-140

MAT 5731

Charged Particle  
293 Kelvin Cross Sections

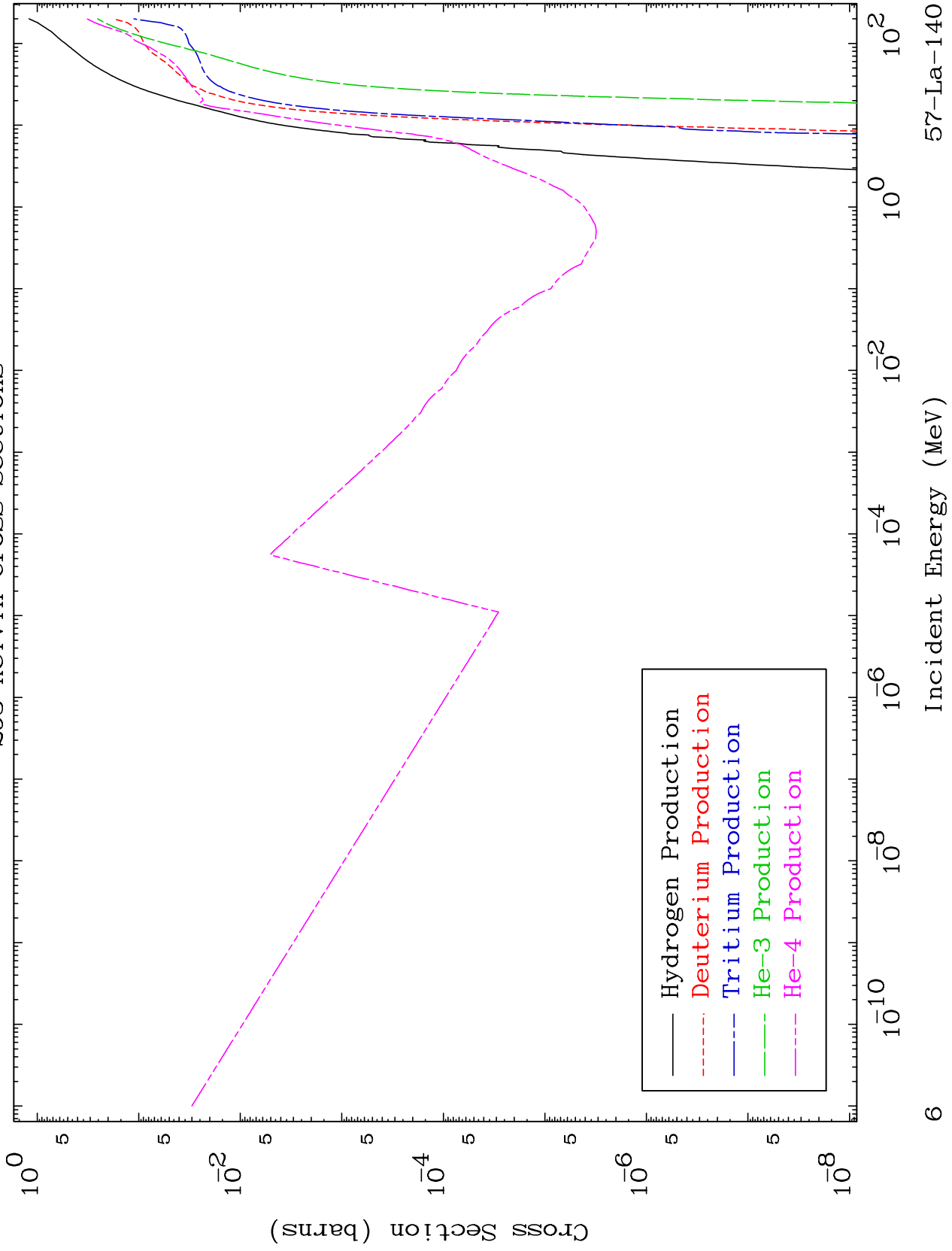
57-La-140



MAT 5731

Particle Production  
293 Kelvin Cross Sections

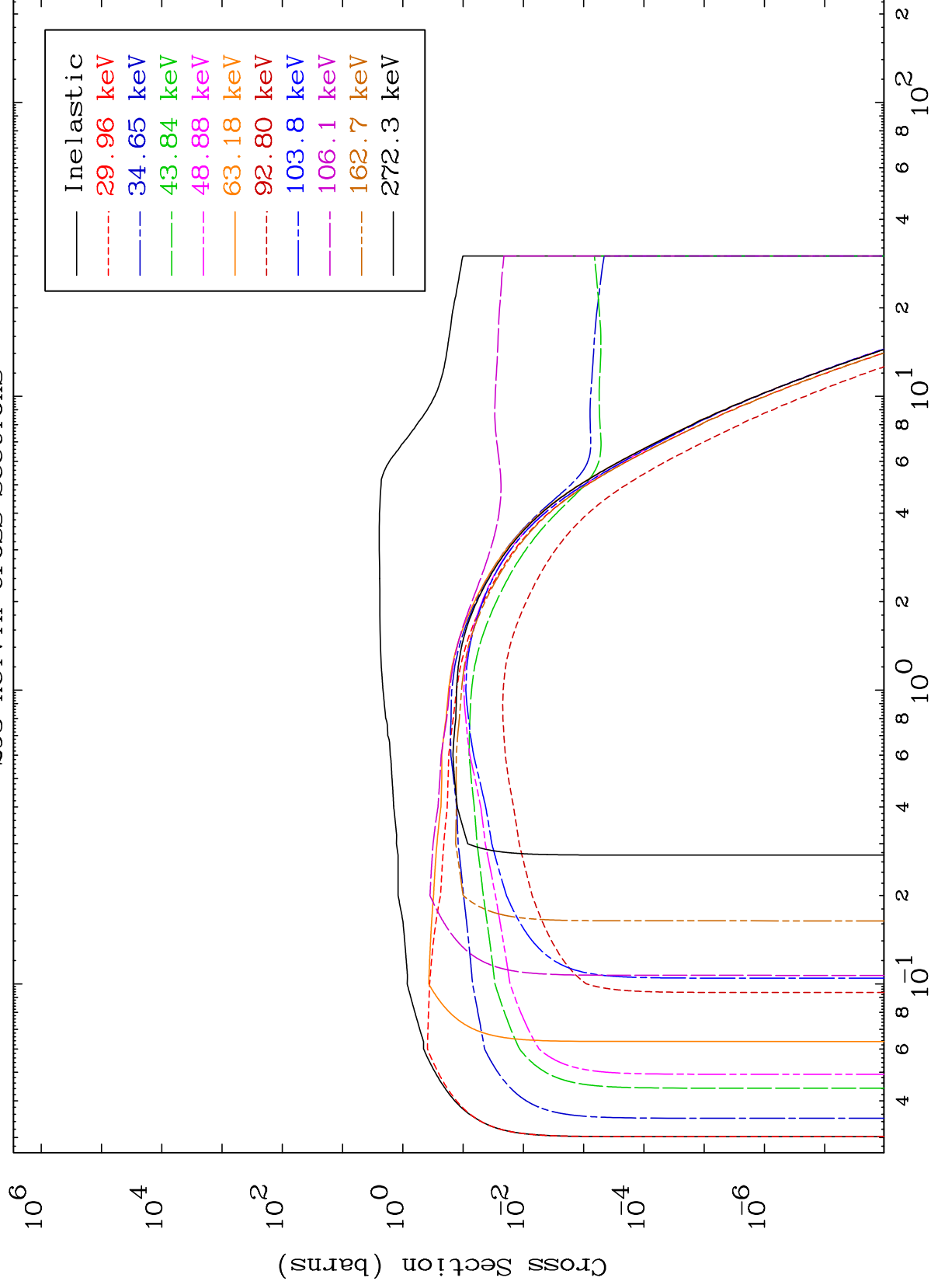
57-La-140



MAT 5731

(n,n') Level  
293 Kelvin Cross Sections

57-La-140

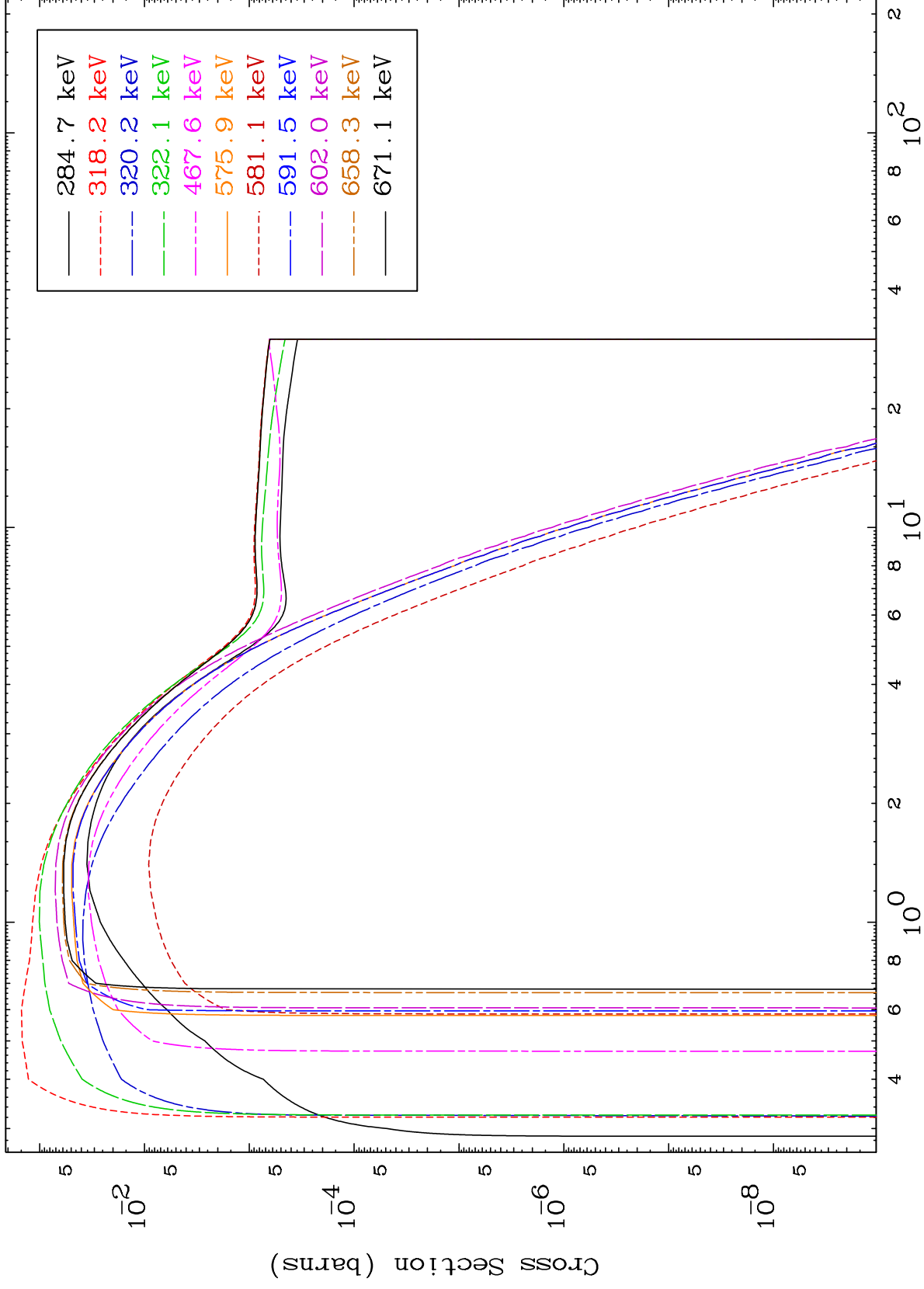




MAT 5731

(n,n') Level  
293 Kelvin Cross Sections

57-La-140



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Incident Energy (MeV)

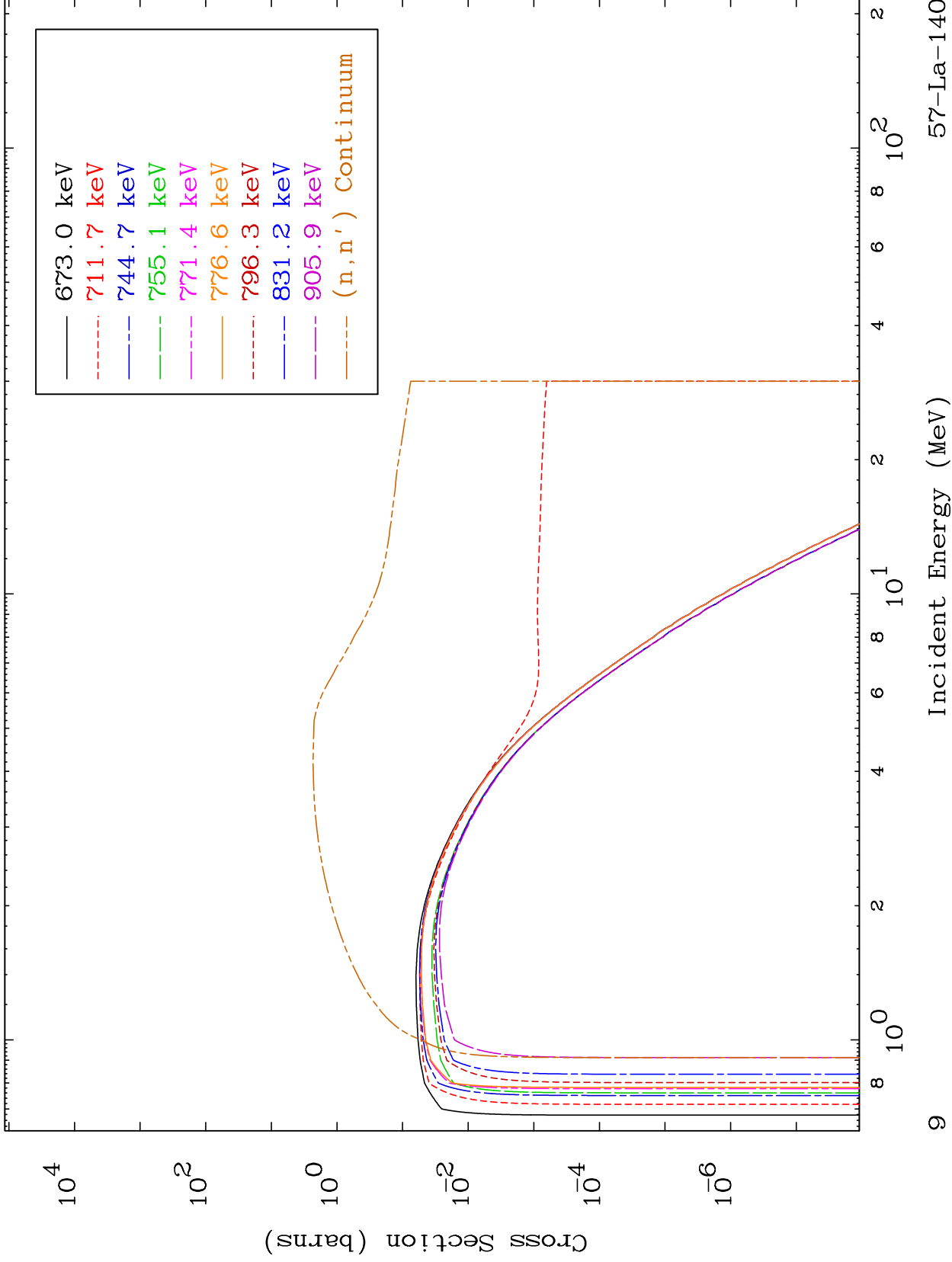
57-La-140

MAT 5731

(n,n') Level

57-La-140

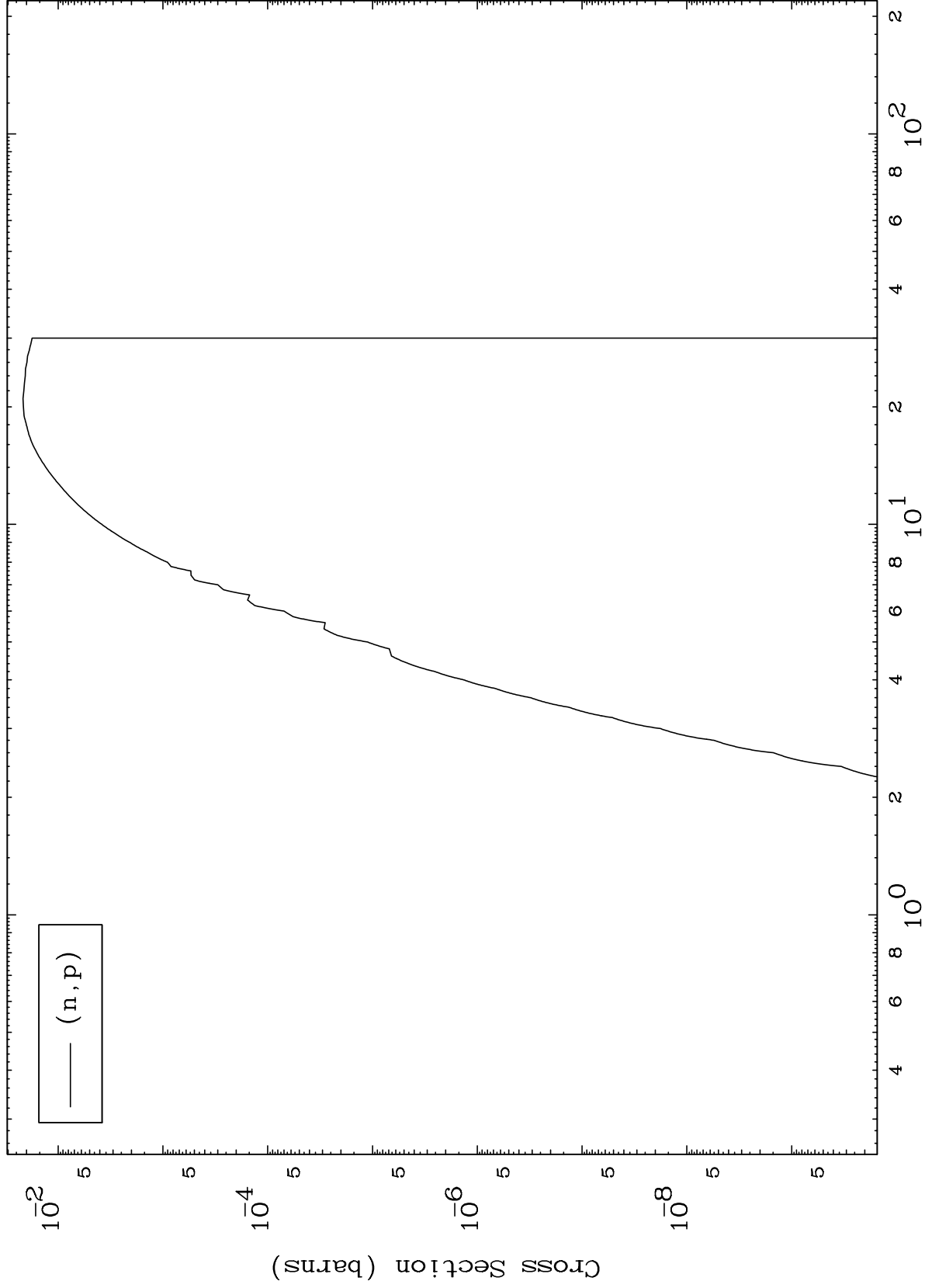
293 Kelvin Cross Sections



MAT 5731

(n,p) Levels  
293 Kelvin Cross Sections

57-La-140



10

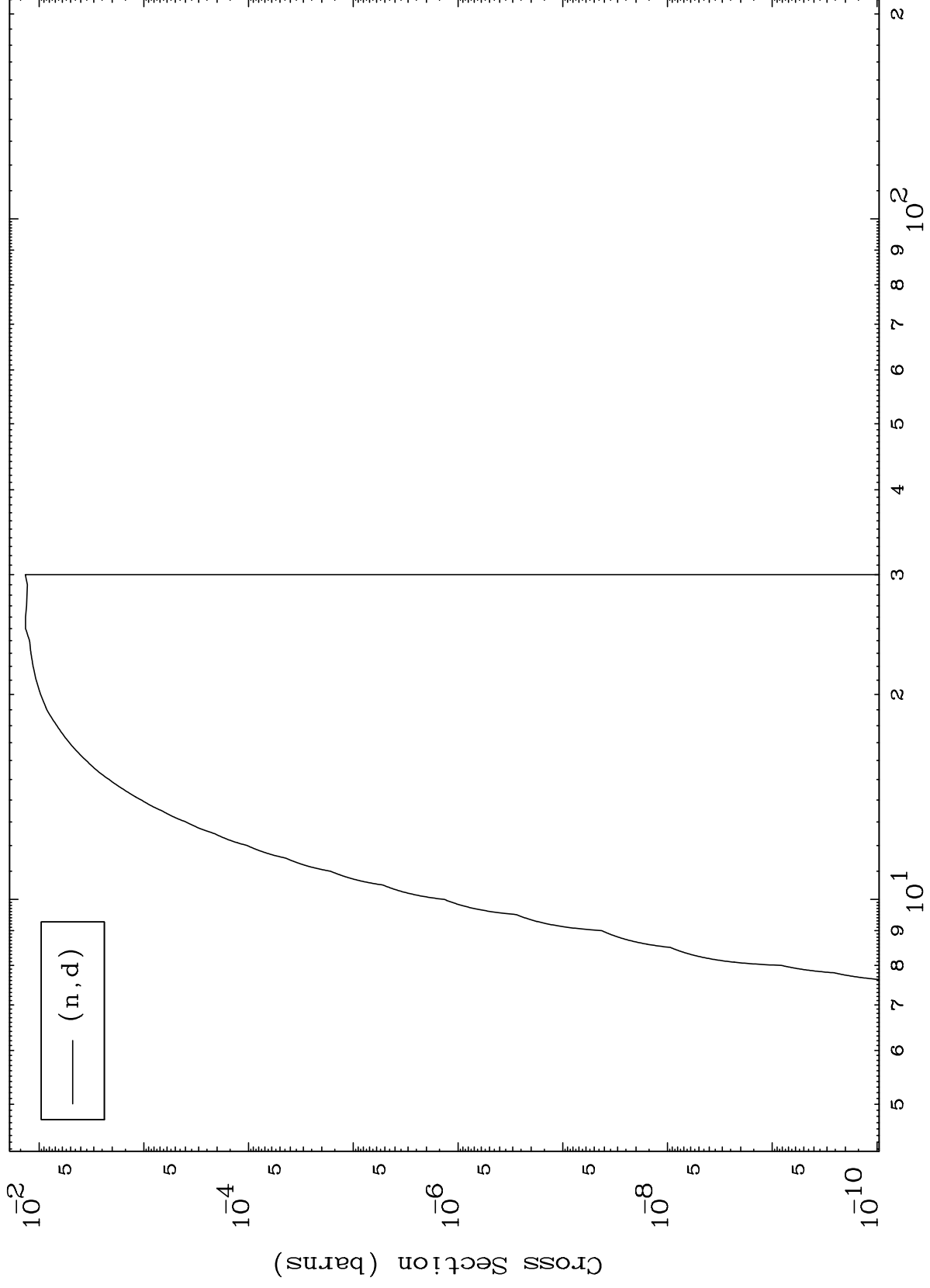
Incident Energy (MeV)

57-La-140

MAT 5731

(n,d) Levels  
293 Kelvin Cross Sections

57-La-140



11

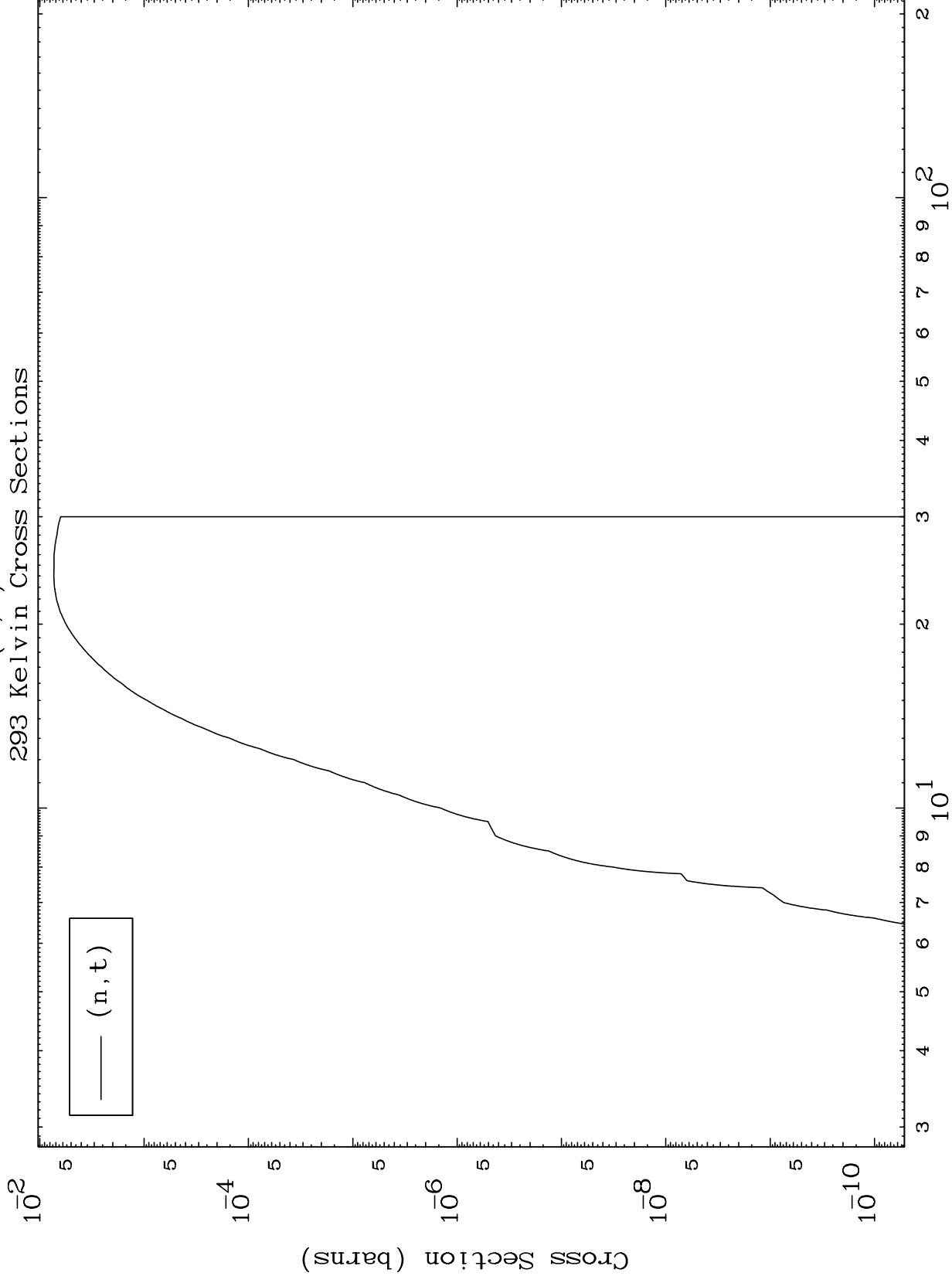
Incident Energy (MeV)

57-La-140

MAT 5731

(n,t) Levels  
293 Kelvin Cross Sections

57-La-140



12

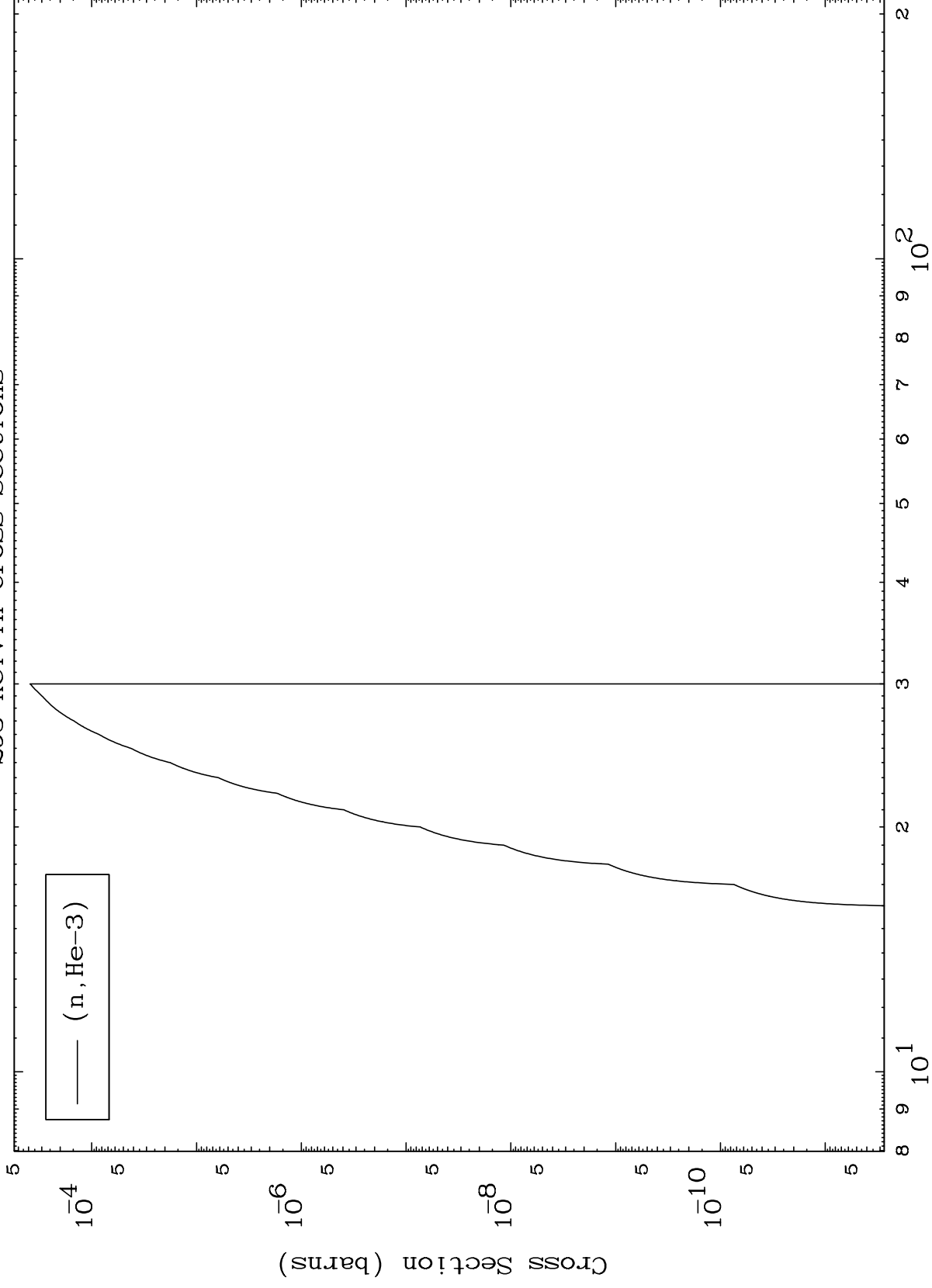
Incident Energy (MeV)

57-La-140

MAT 5731

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-140



13

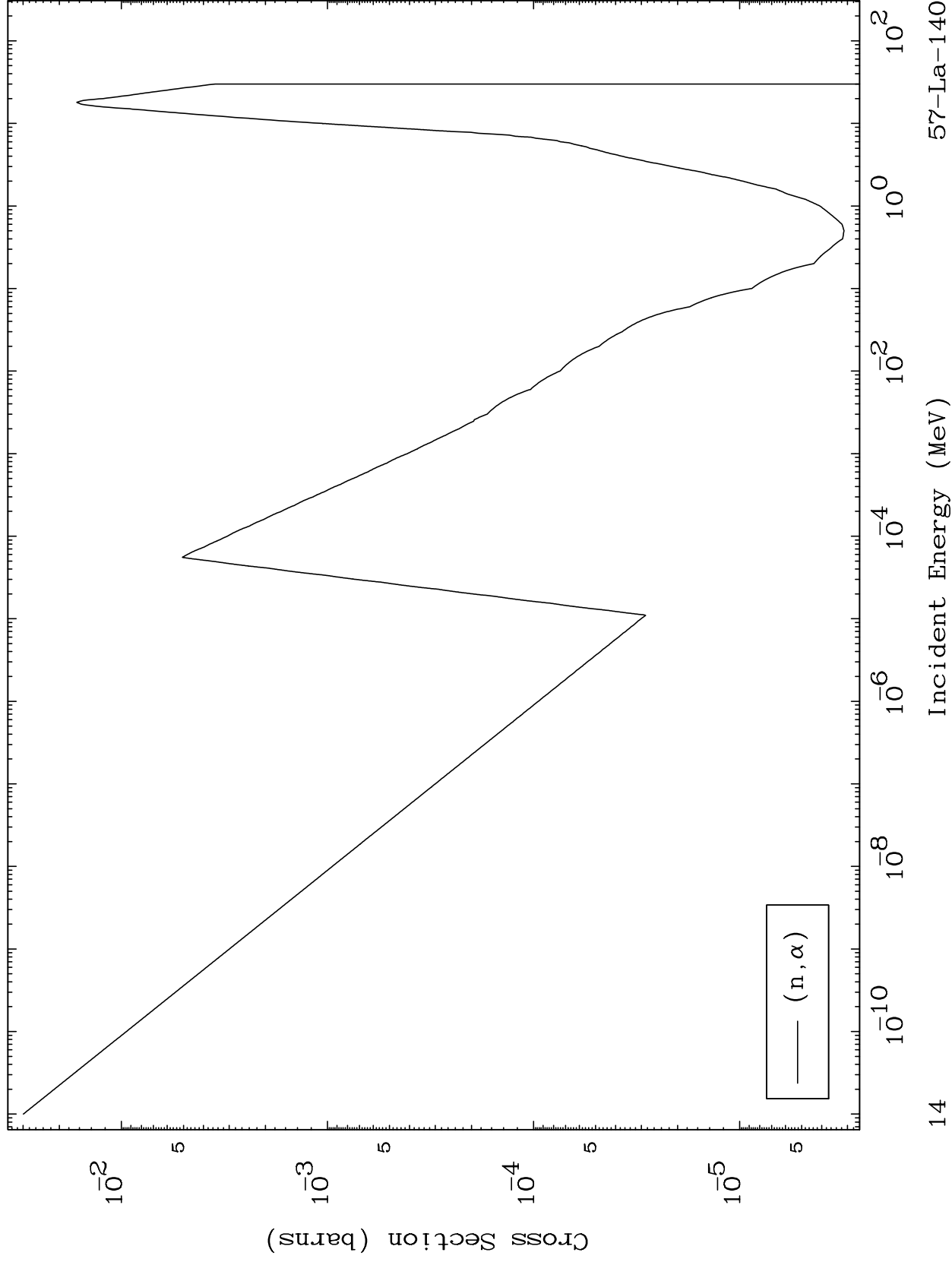
Incident Energy (MeV)

57-La-140

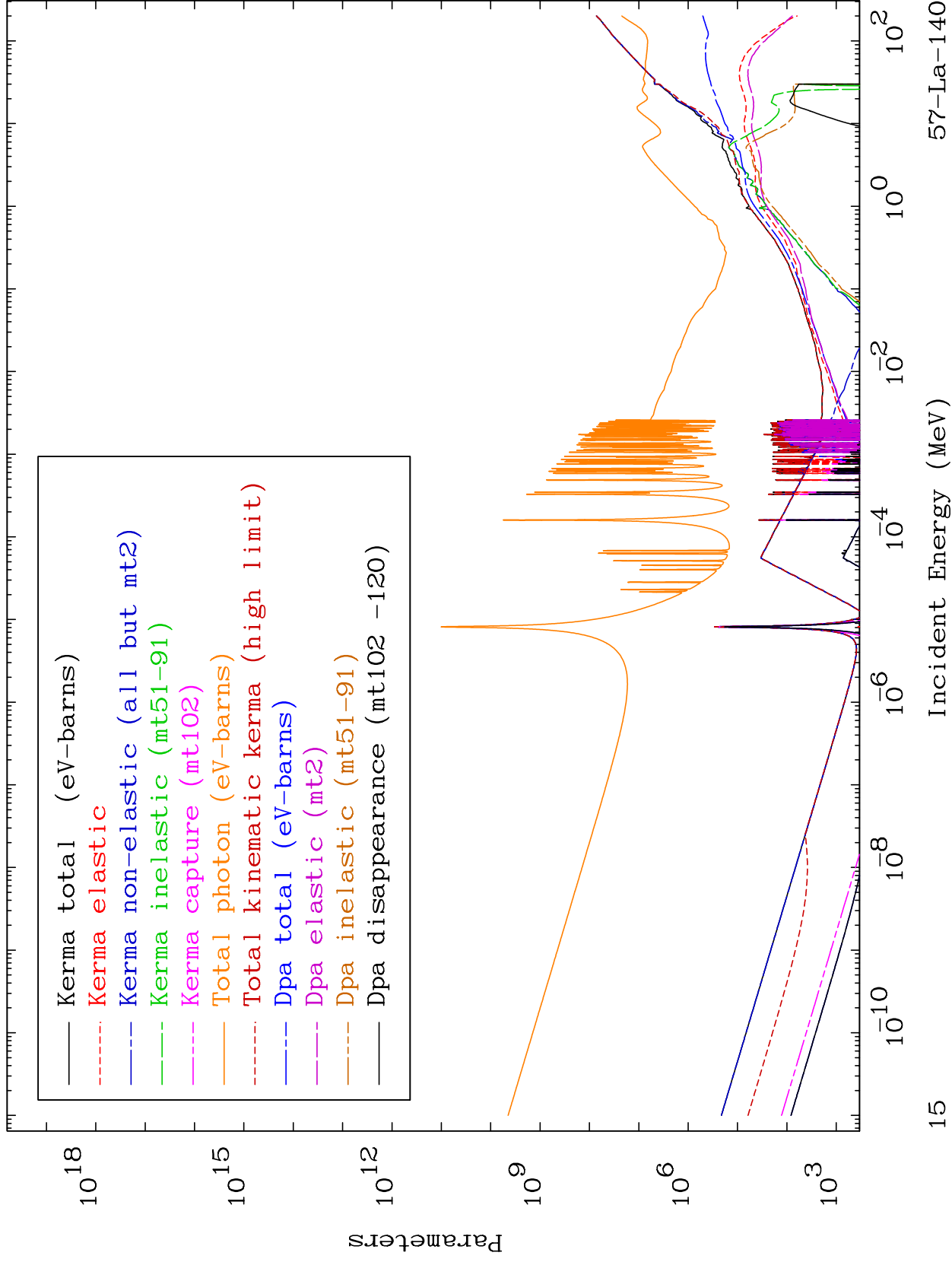
MAT 5731

(n,α) Levels  
293 Kelvin Cross Sections

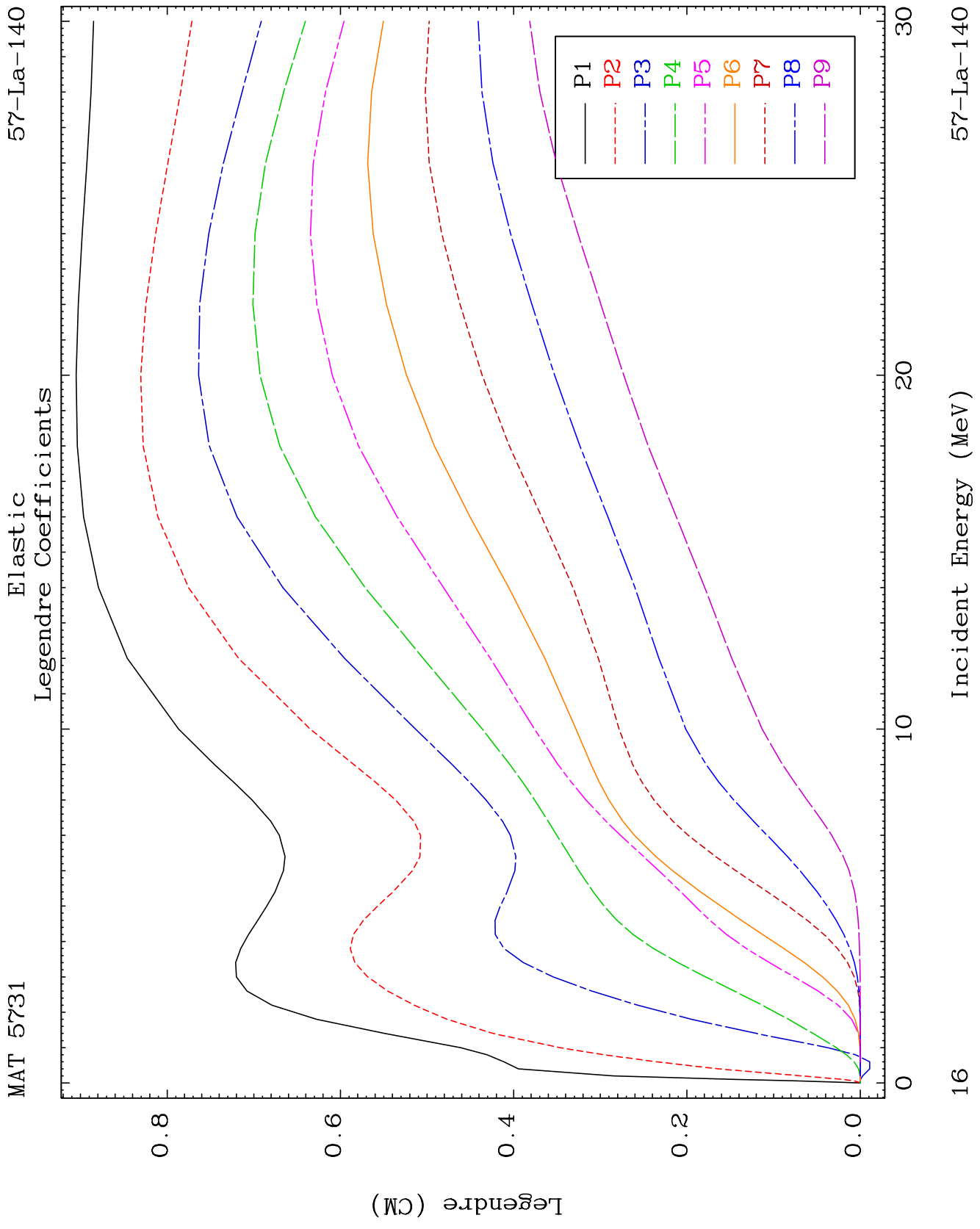
57-La-140

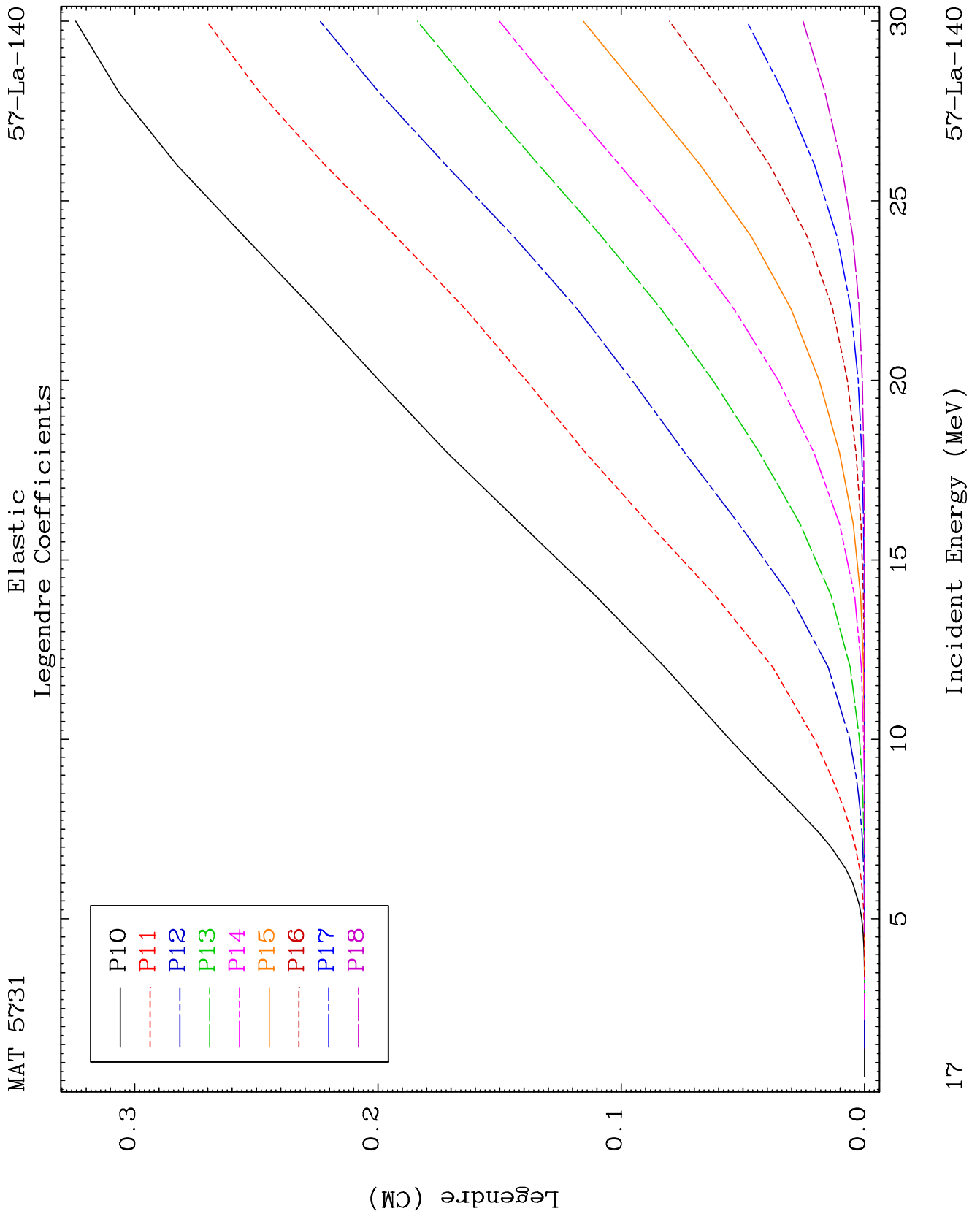


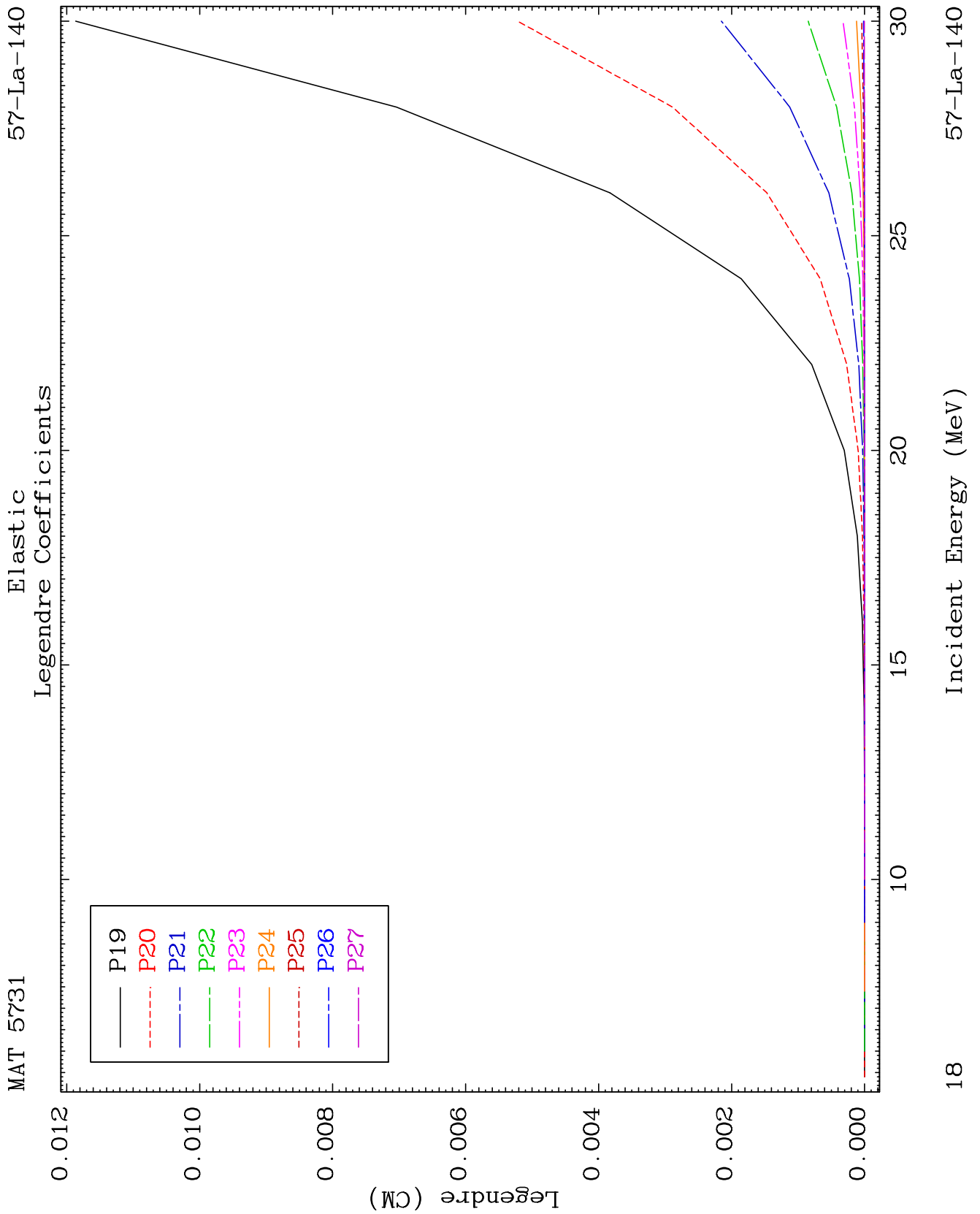
14







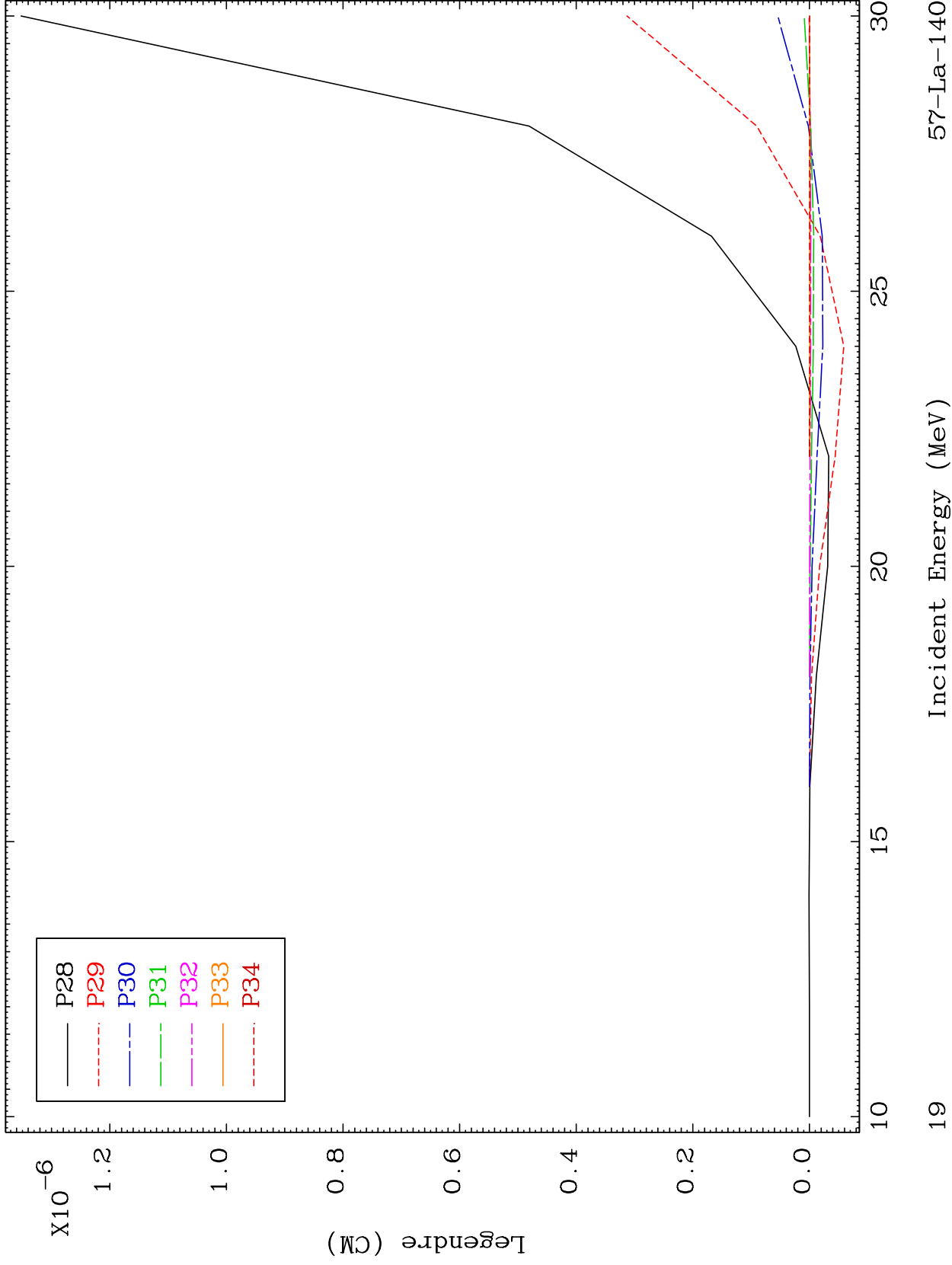




MAT 5731

Elastic  
Legendre Coefficients

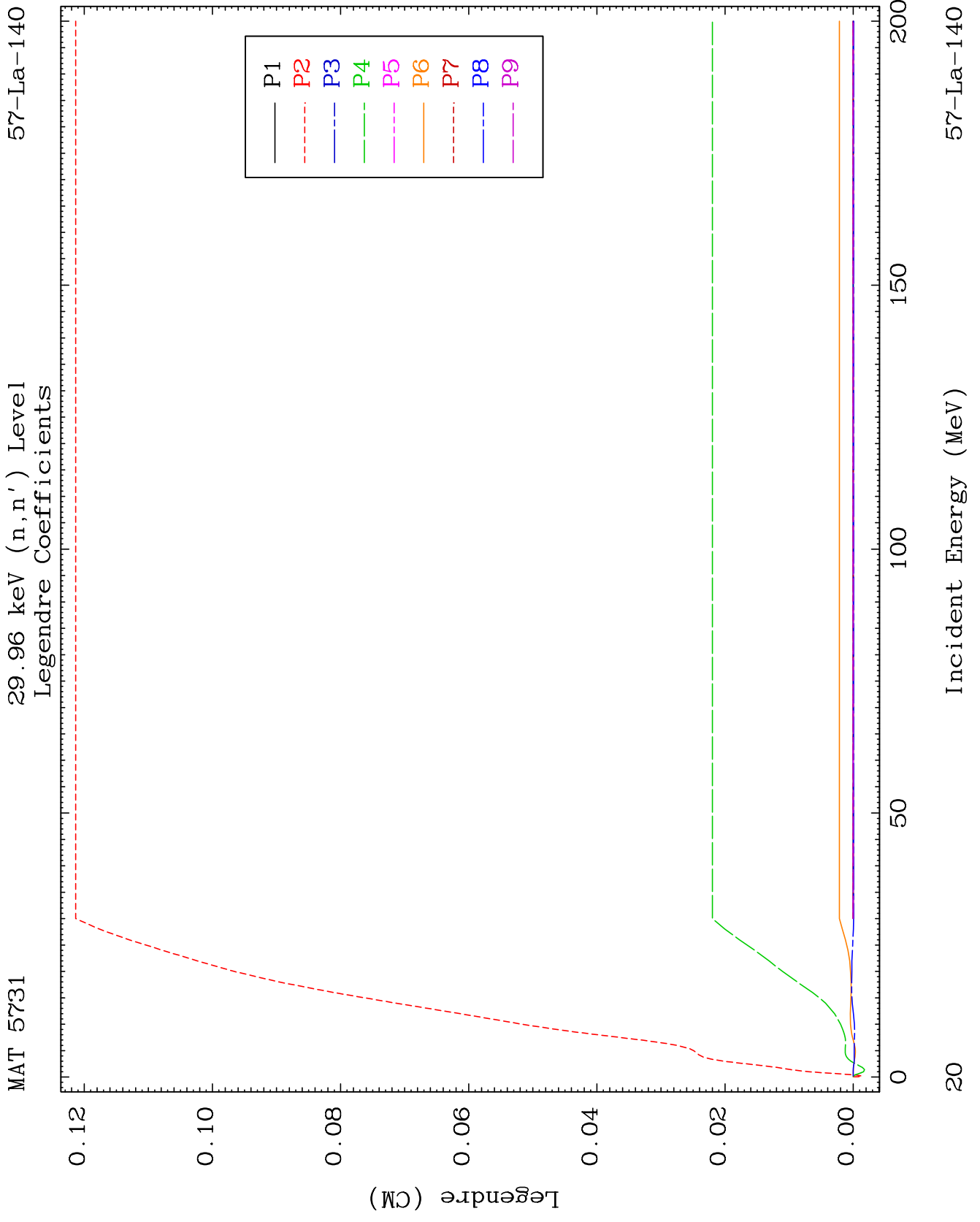
57-La-140



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Incident Energy (MeV)

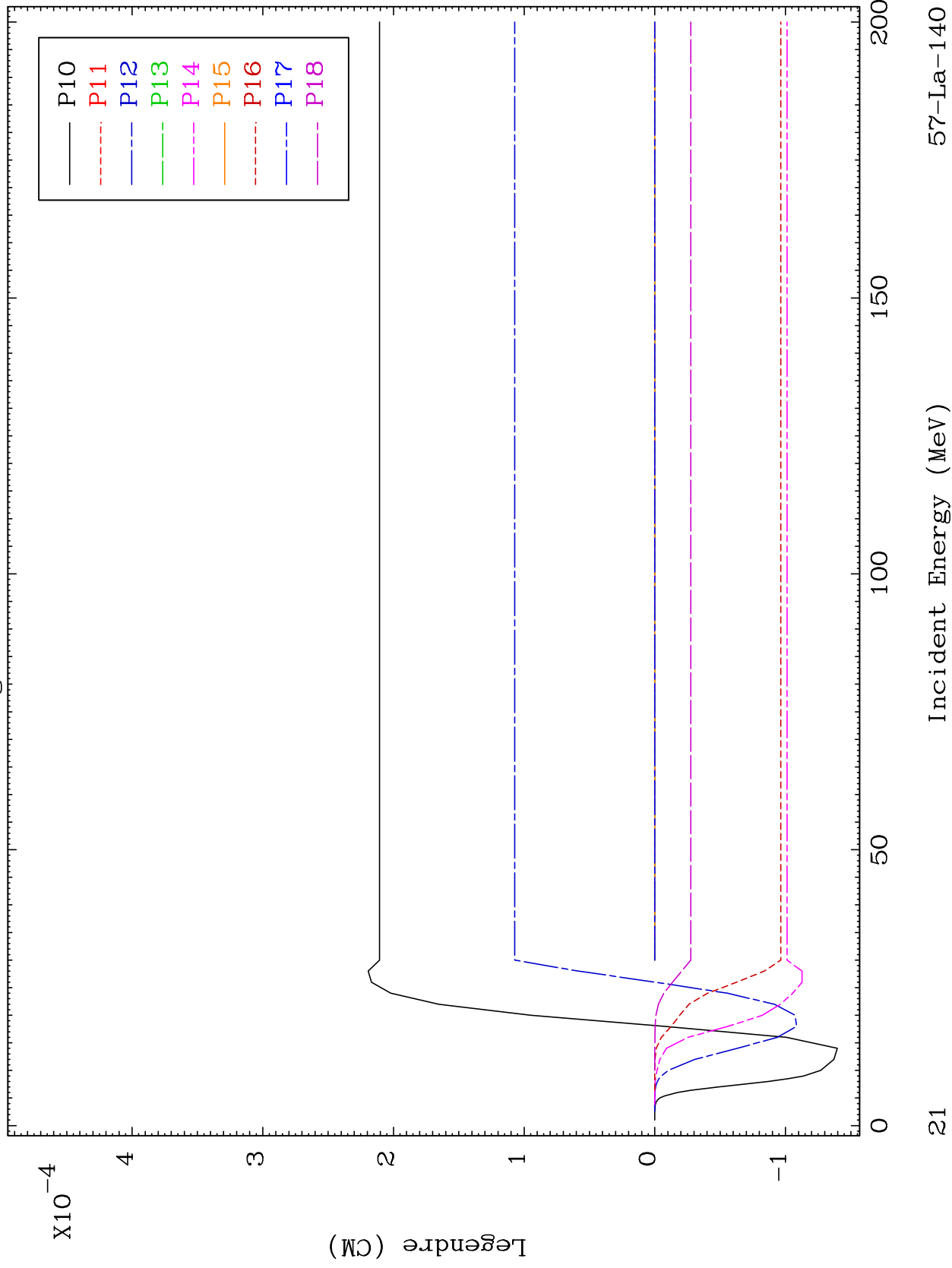
57-La-140



MAT 5731

29.96 keV (n,n') Level  
Legendre Coefficients

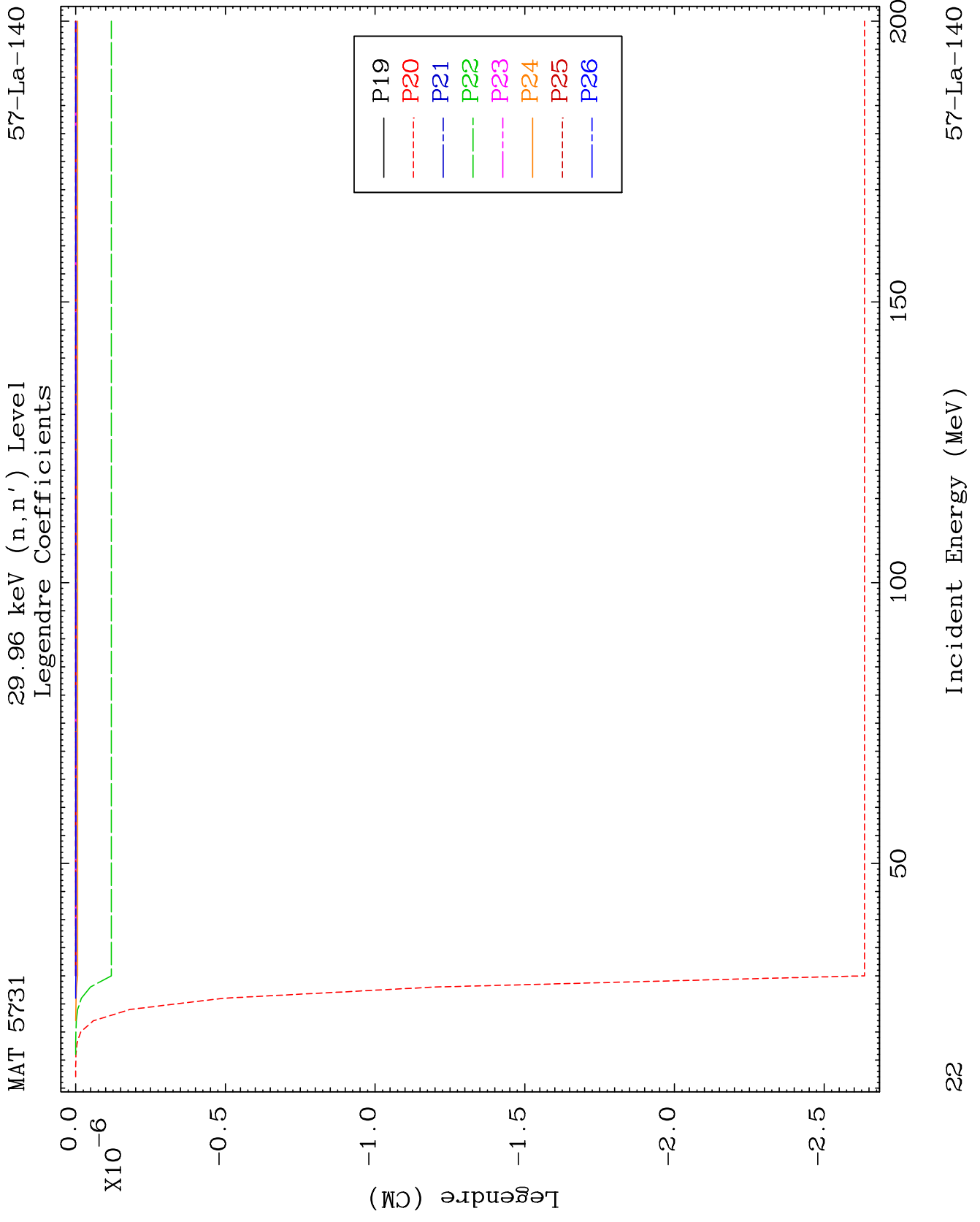
57-La-140

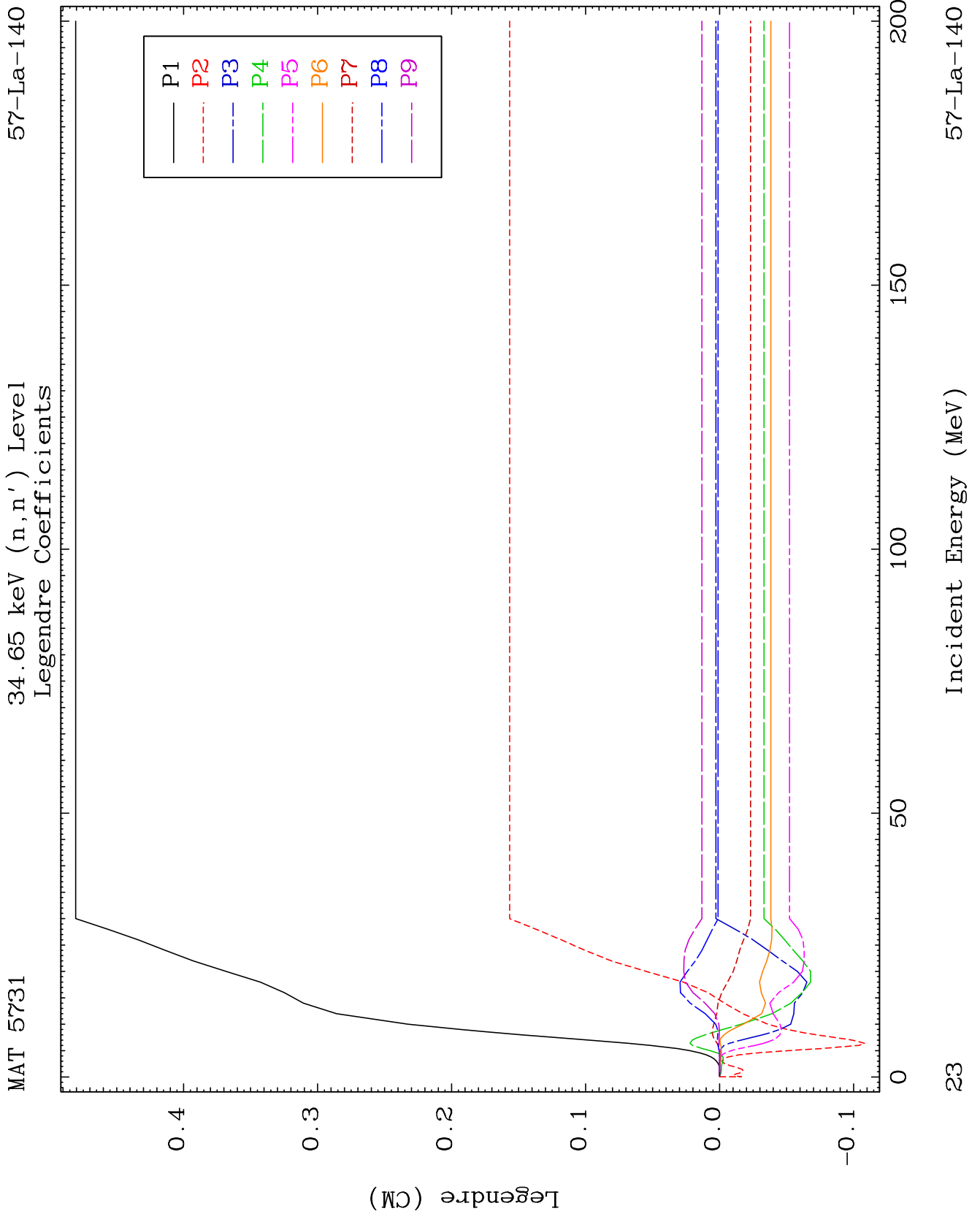


57-La-140

Incident Energy (MeV)

21





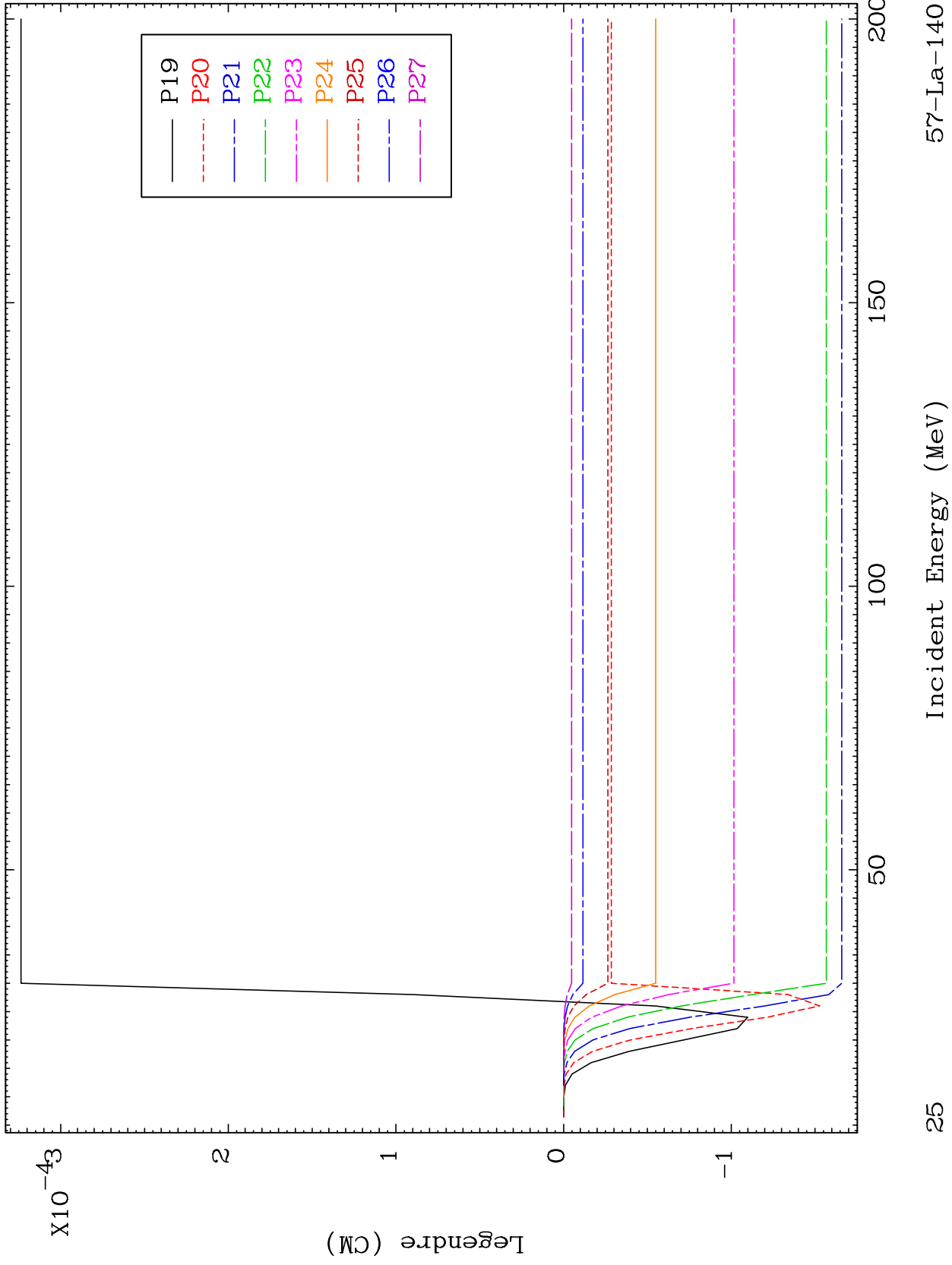




MAT 5731

34.65 keV (n,n') Level  
Legendre Coefficients

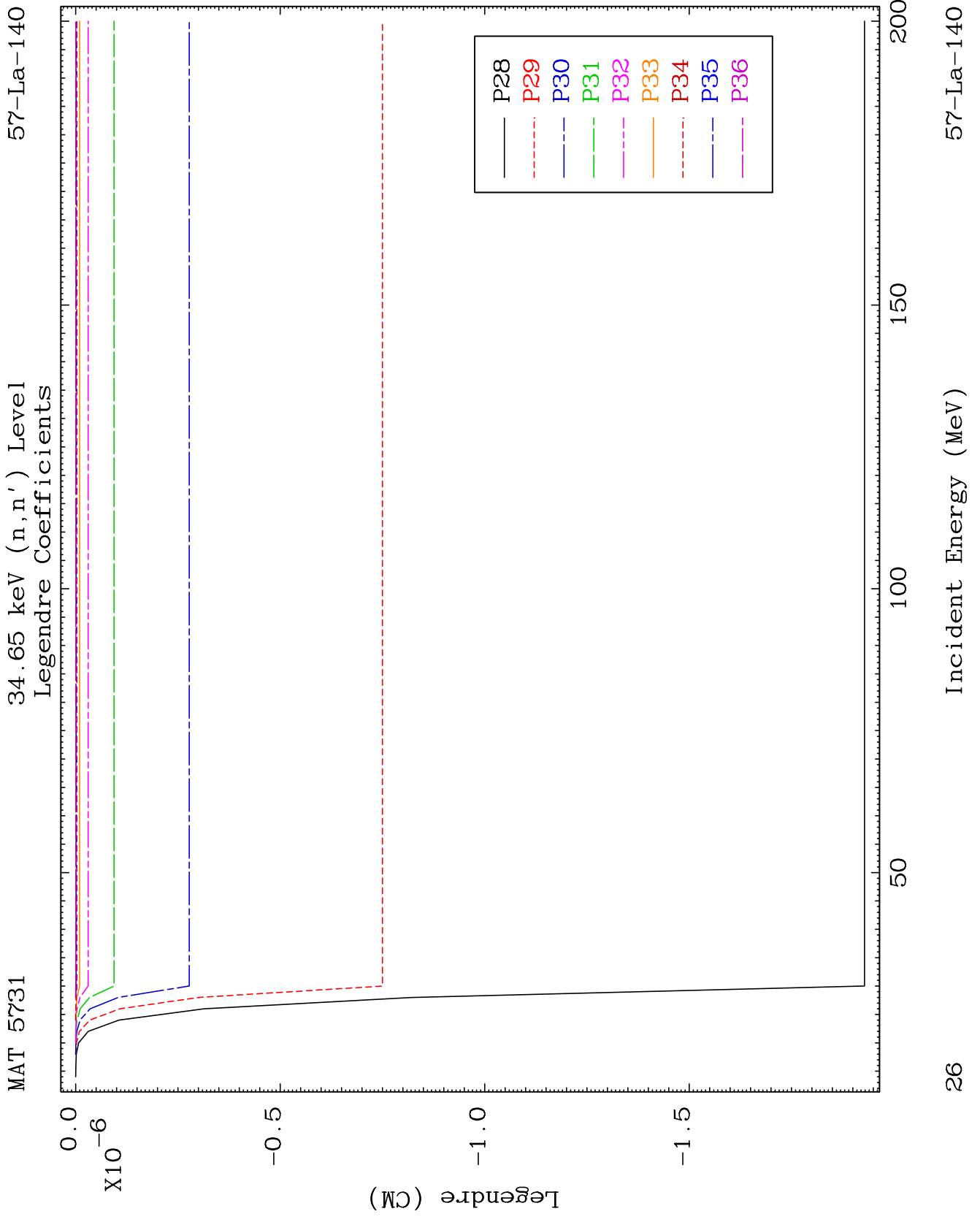
57-La-140



25

Incident Energy (MeV)

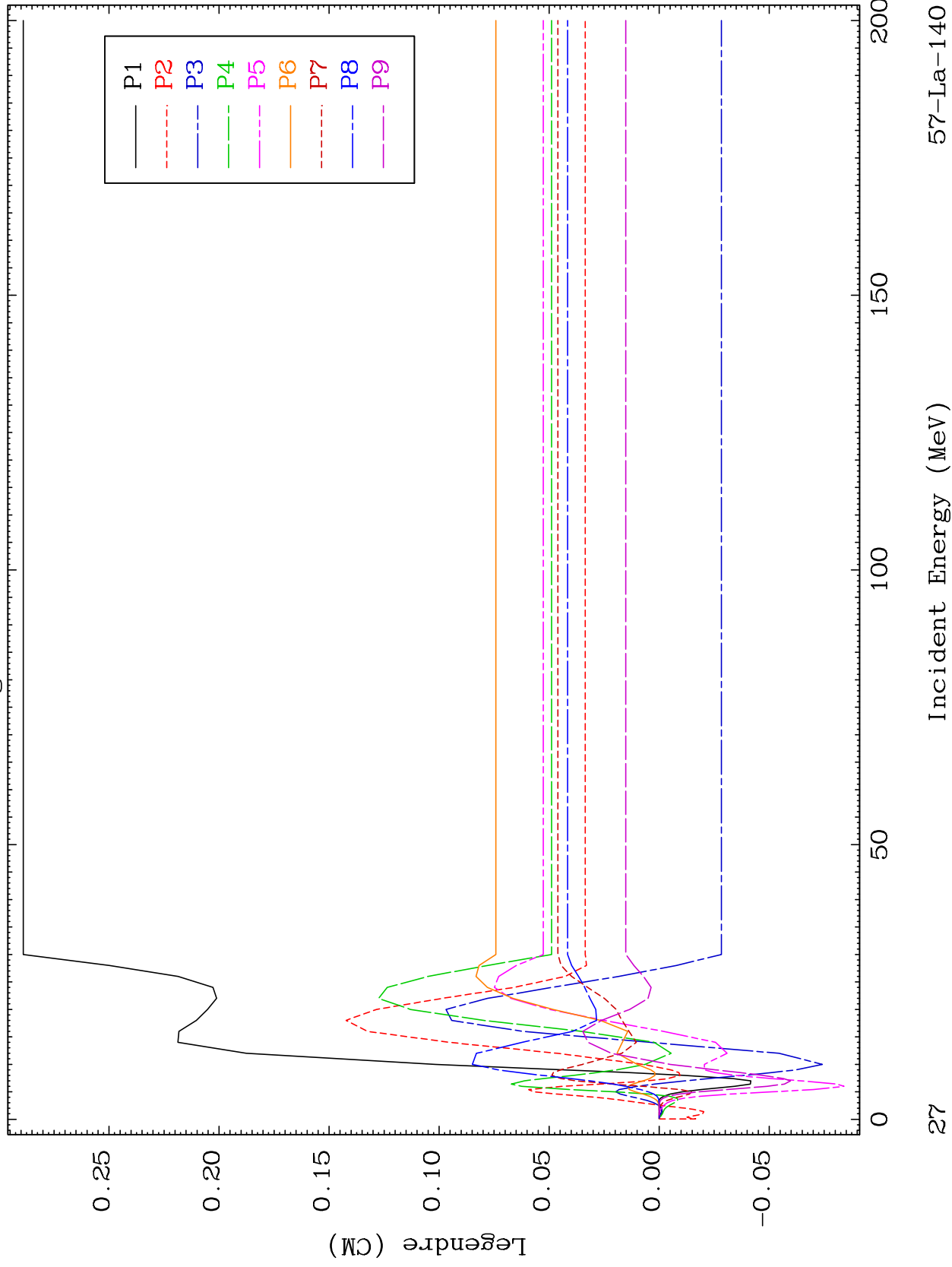
57-La-140



MAT 5731

43.84 keV (n,n') Level  
Legendre Coefficients

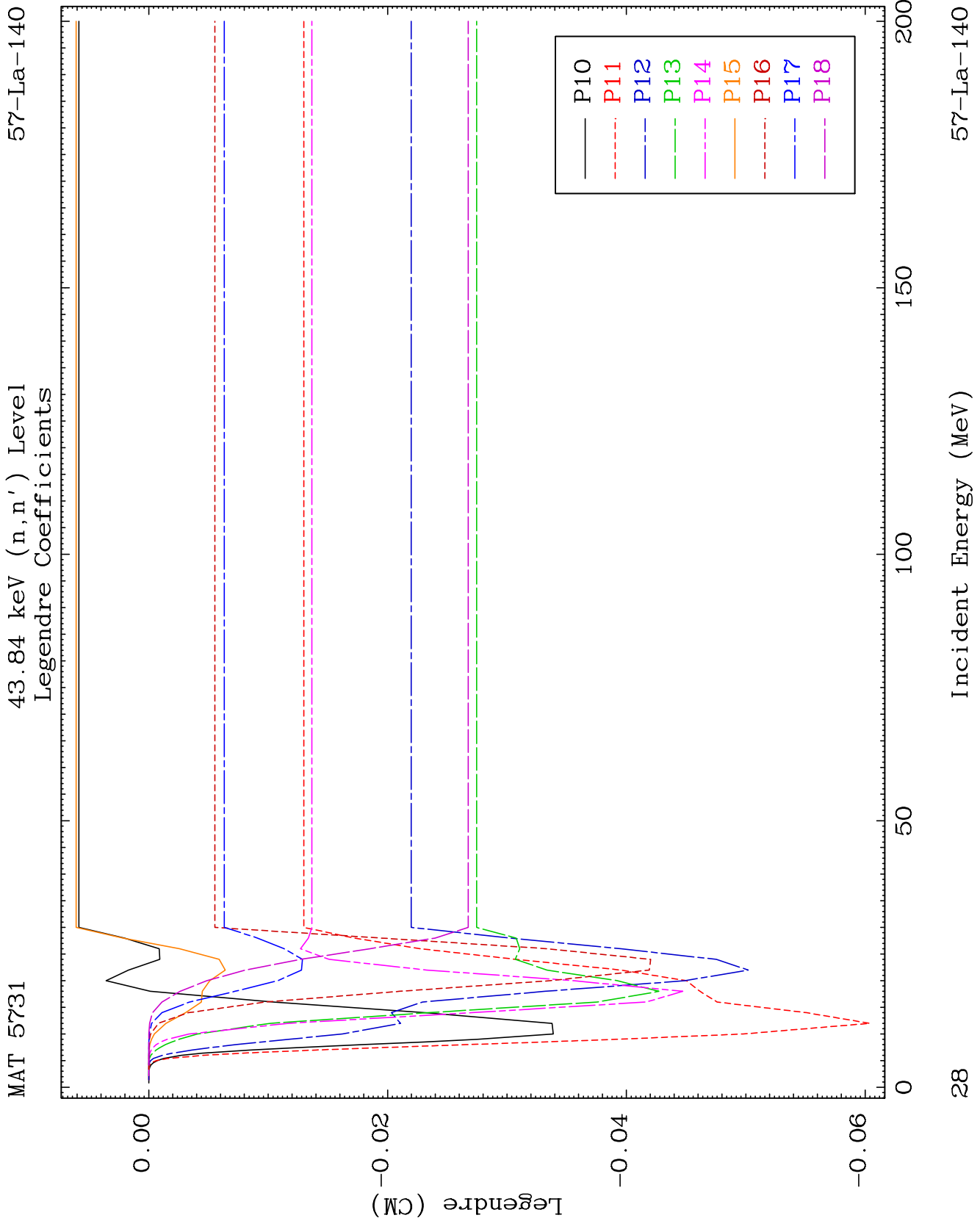
57-La-140

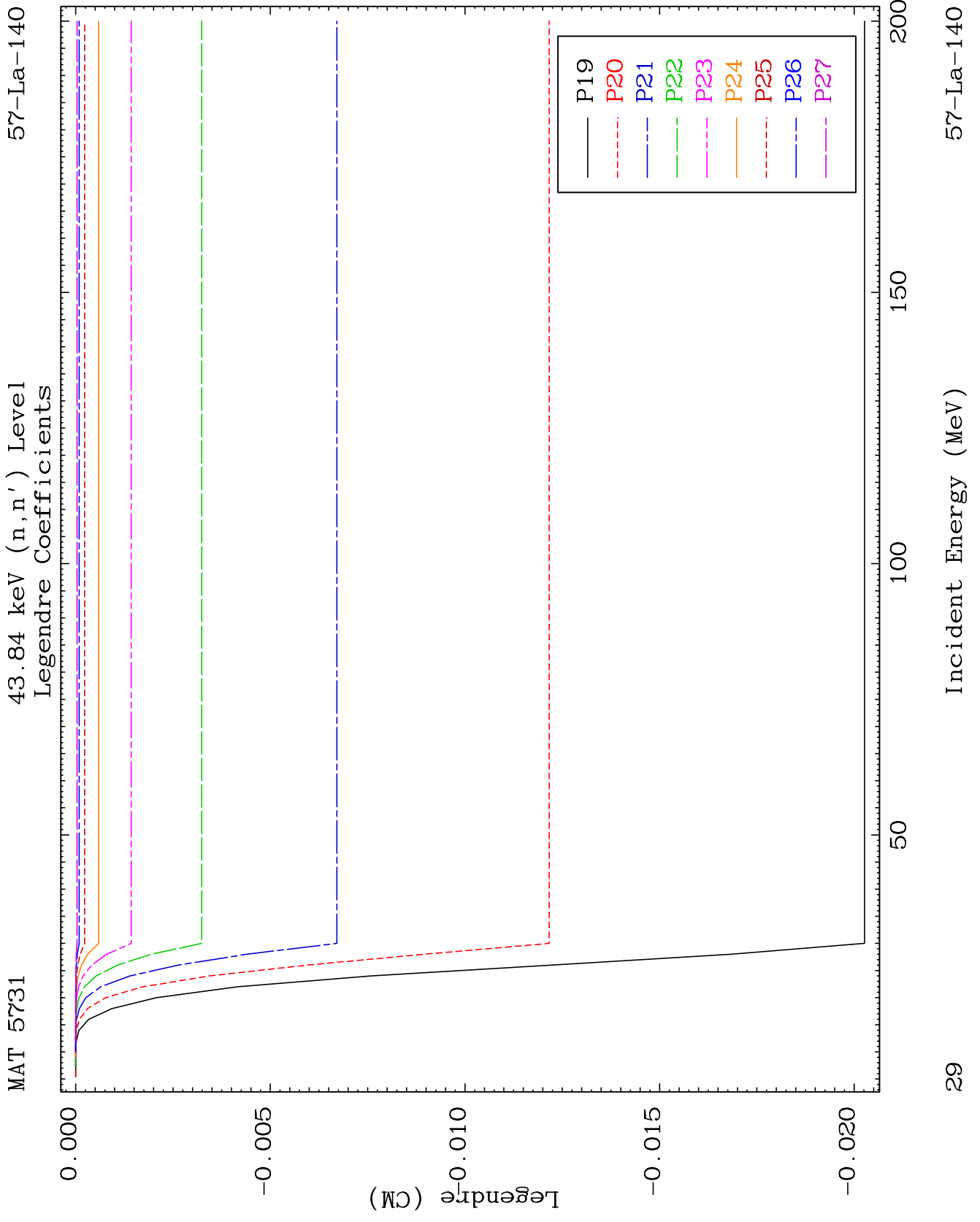


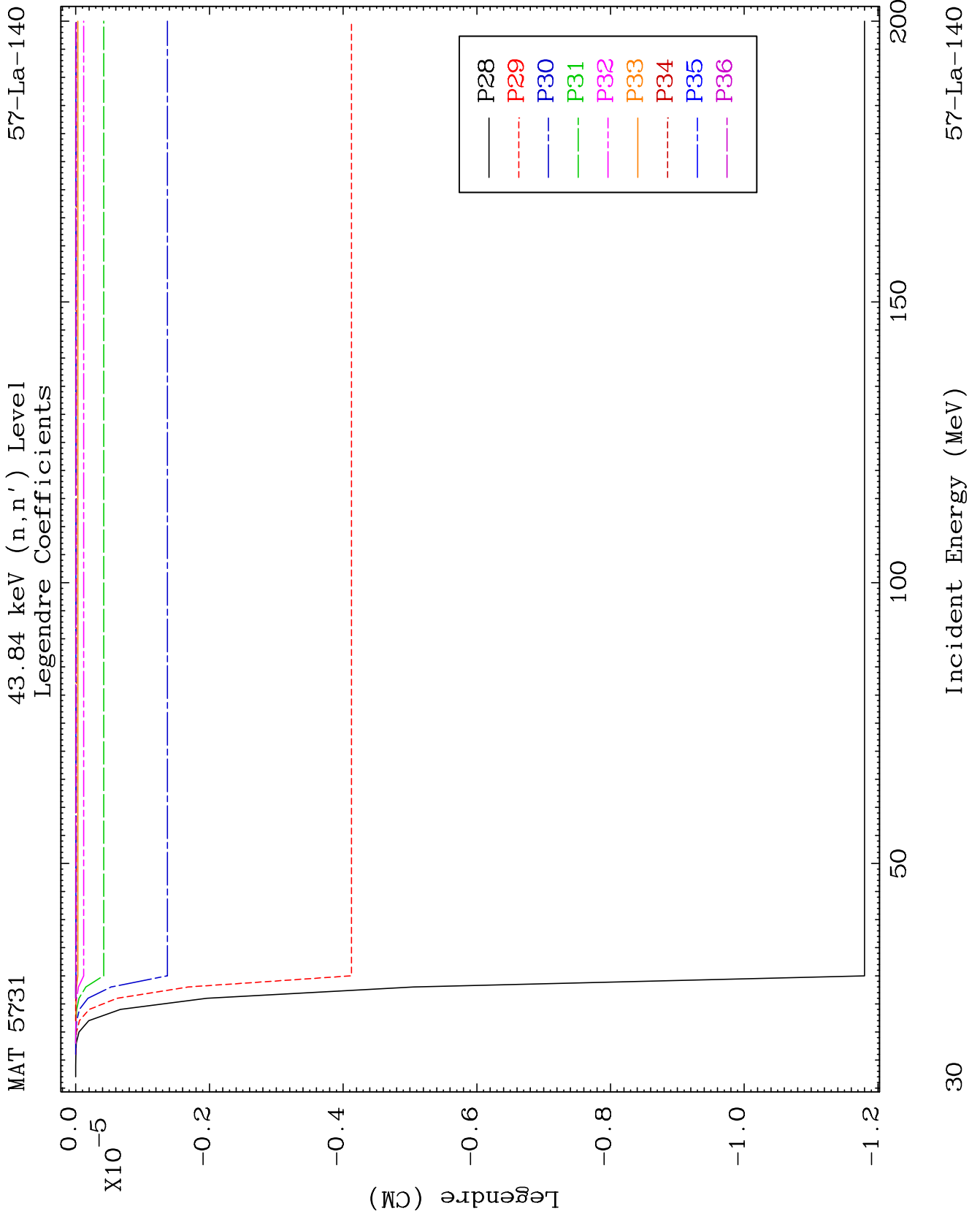
57-La-140

Incident Energy (MeV)

27

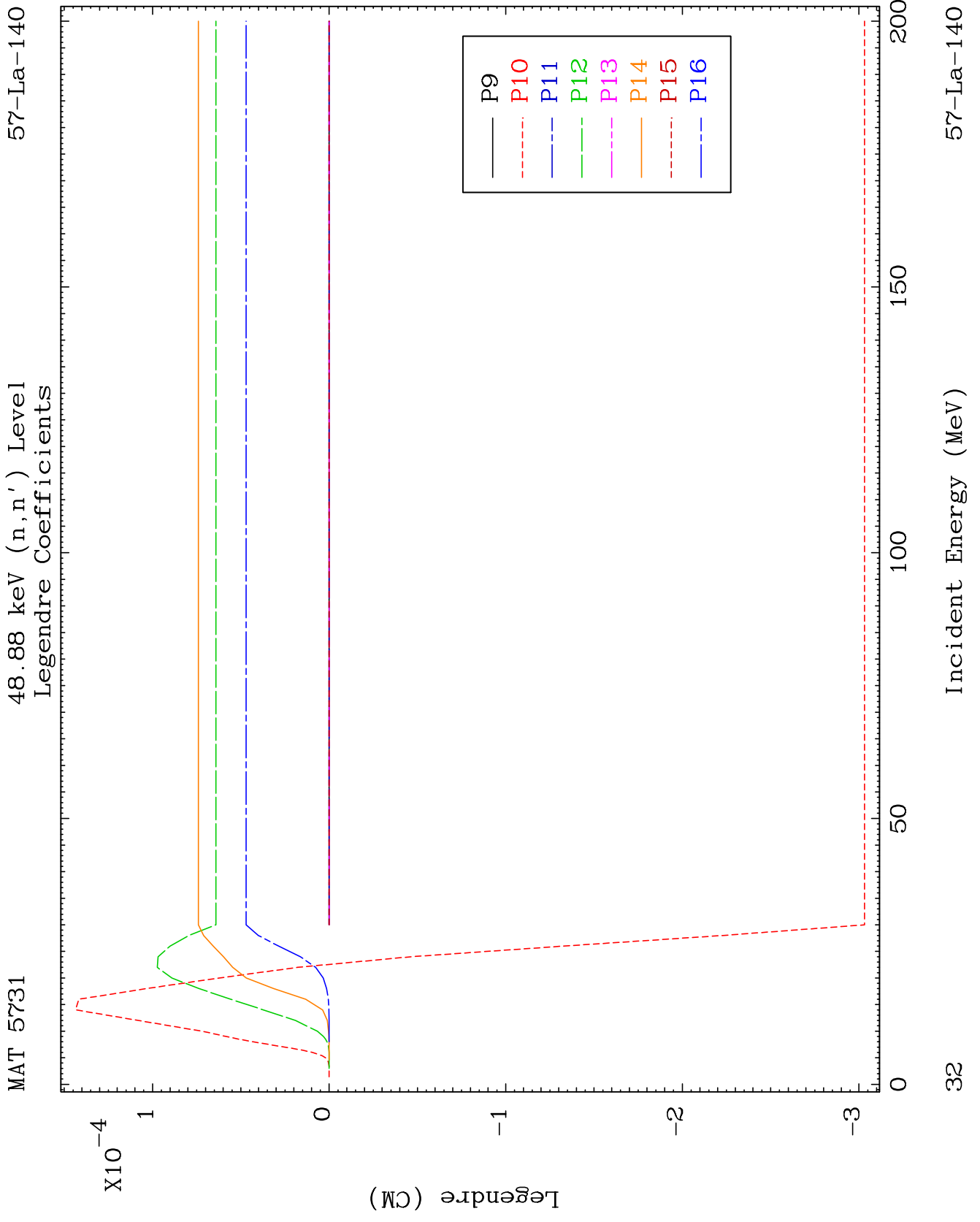












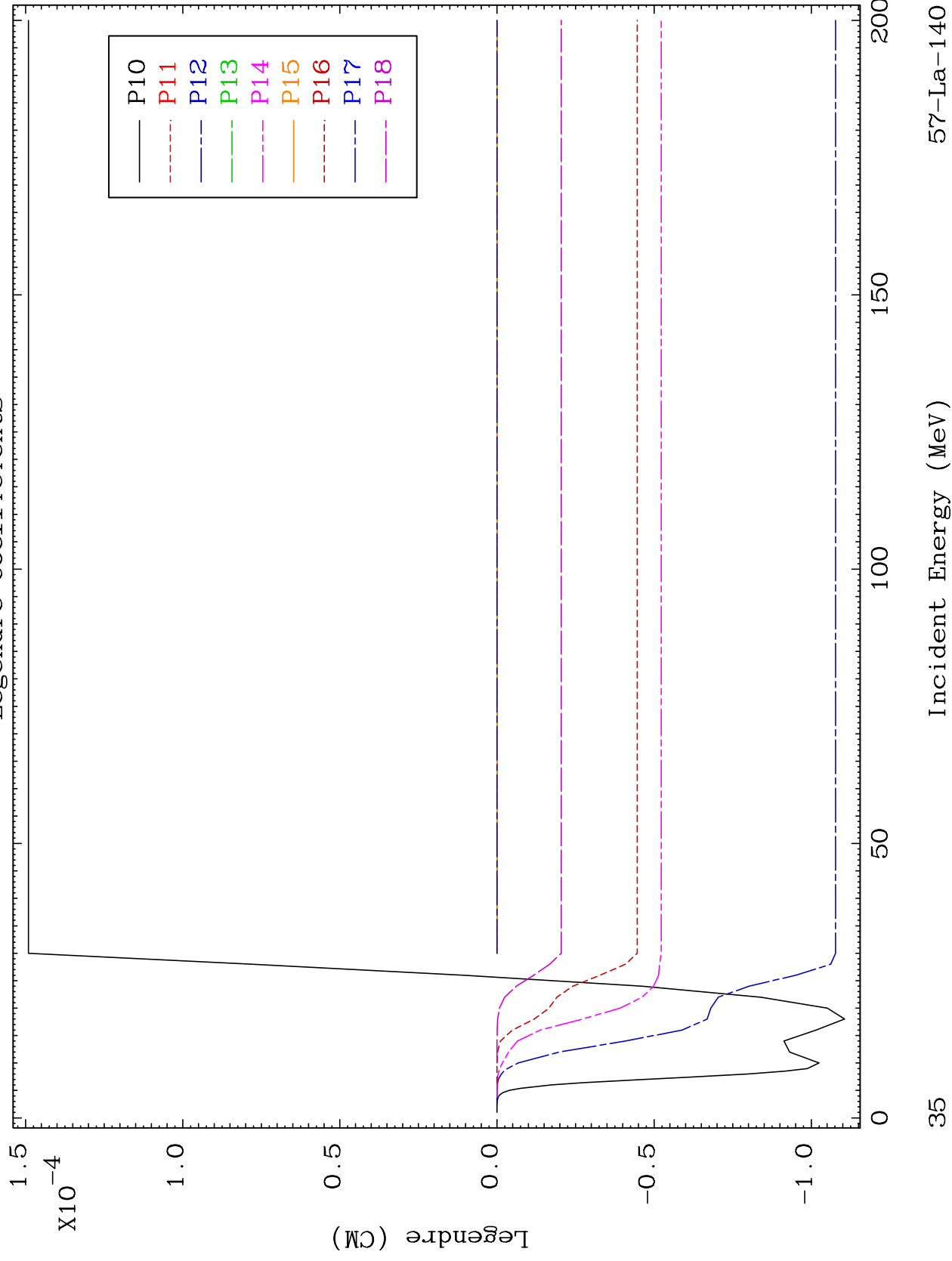




MAT 5731

63.18 keV (n,n') Level  
Legendre Coefficients

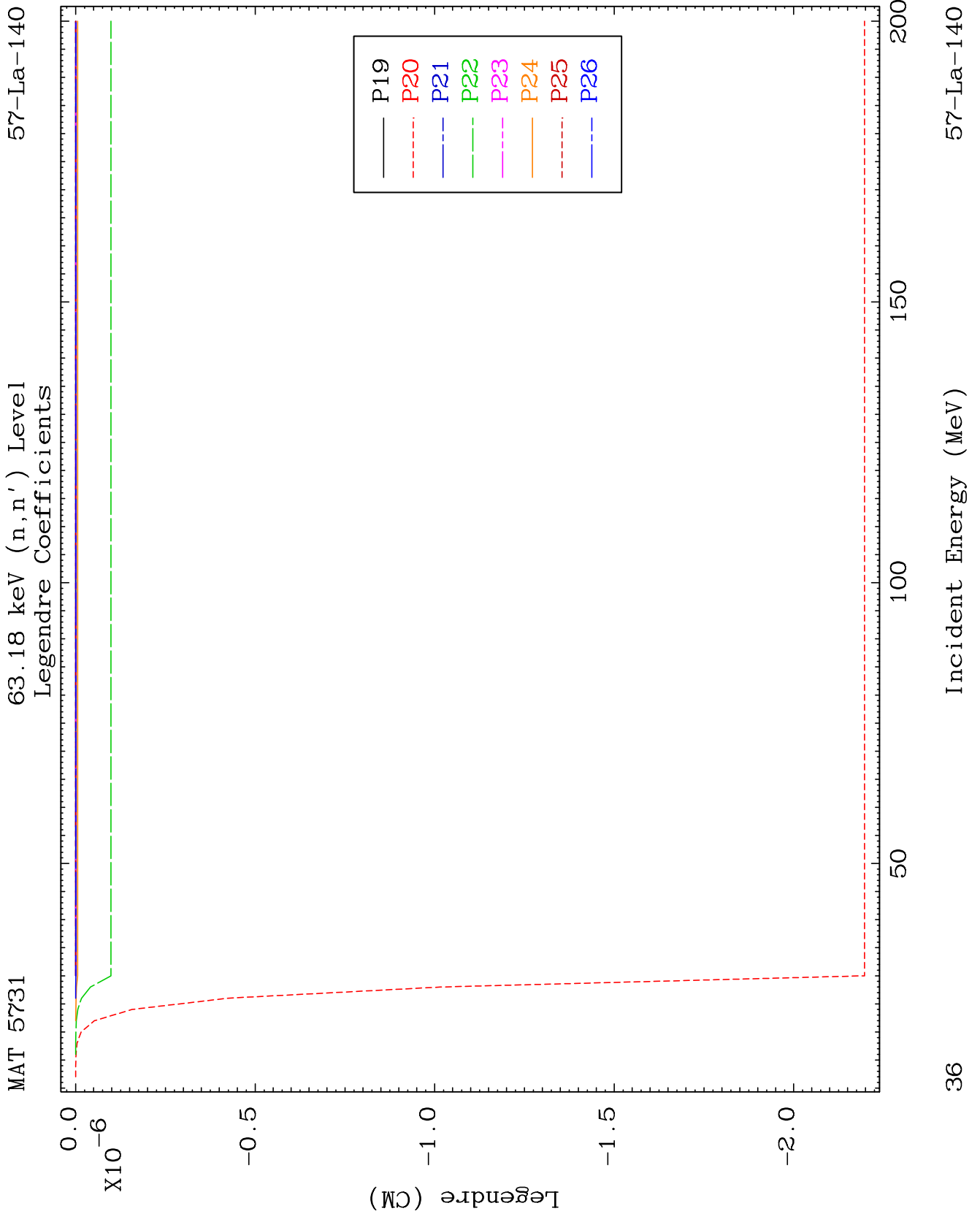
57-La-140



57-La-140

Incident Energy (MeV)

35

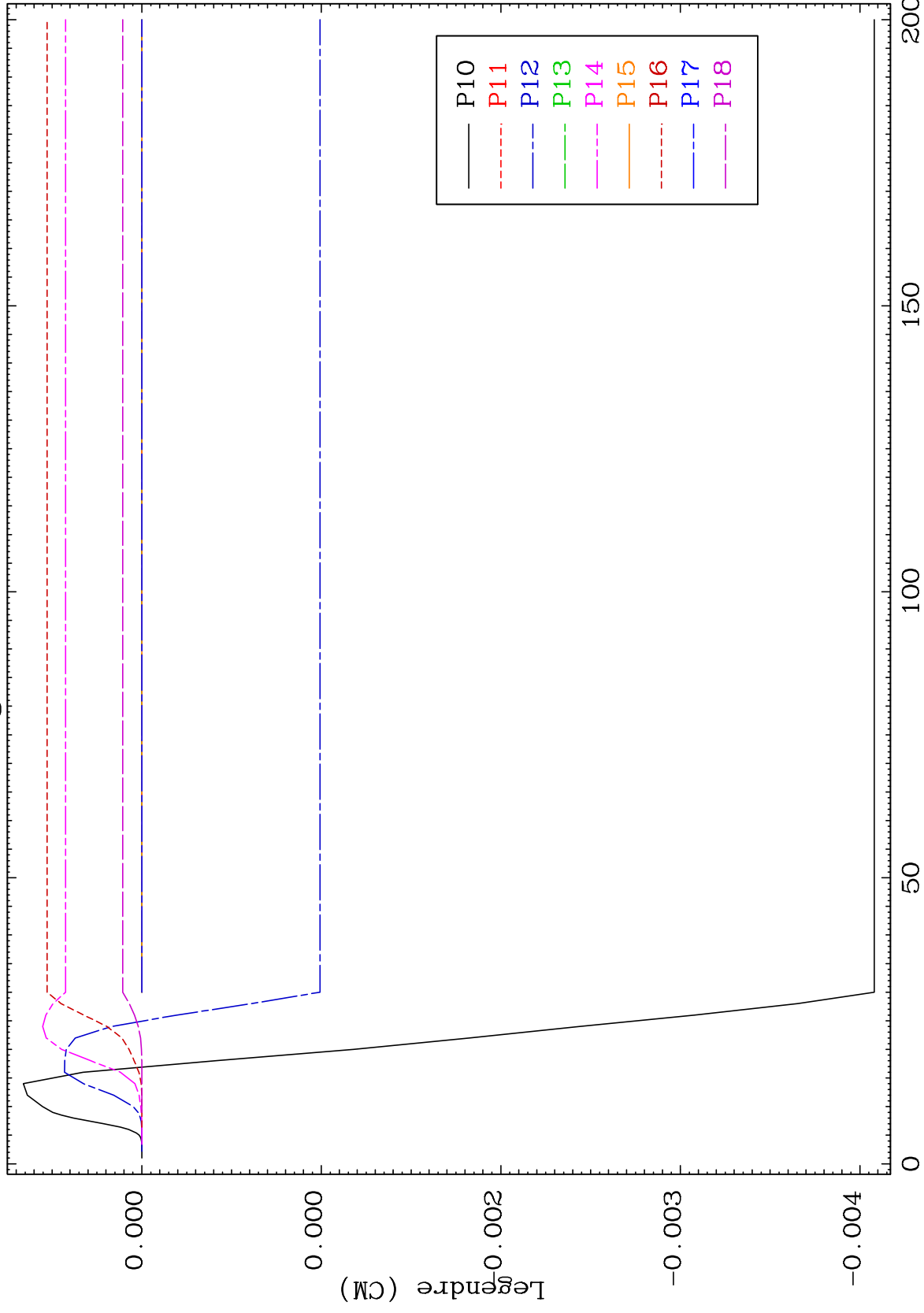




MAT 5731

92.80 keV (n,n') Level  
Legendre Coefficients

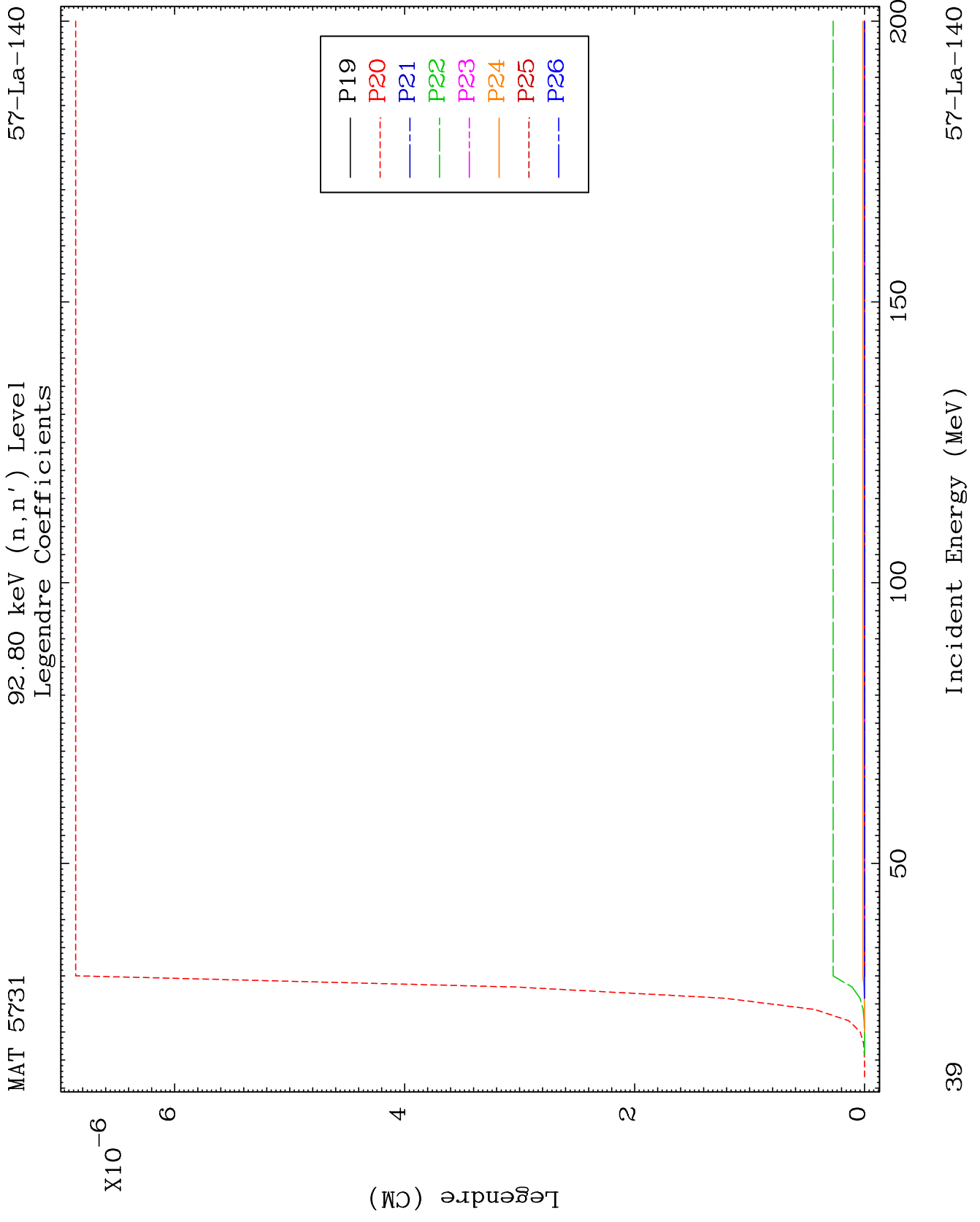
57-La-140



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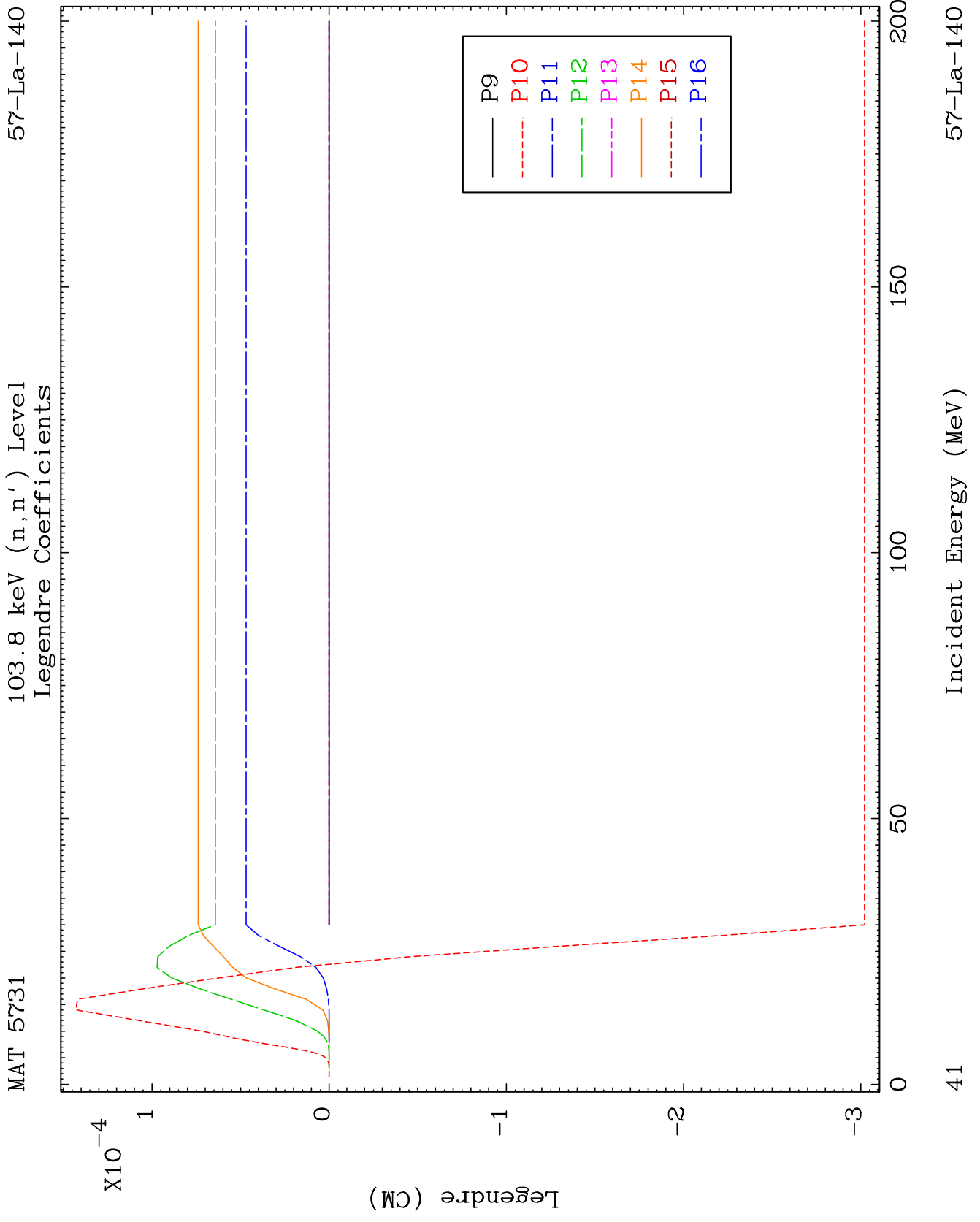
Incident Energy (MeV)

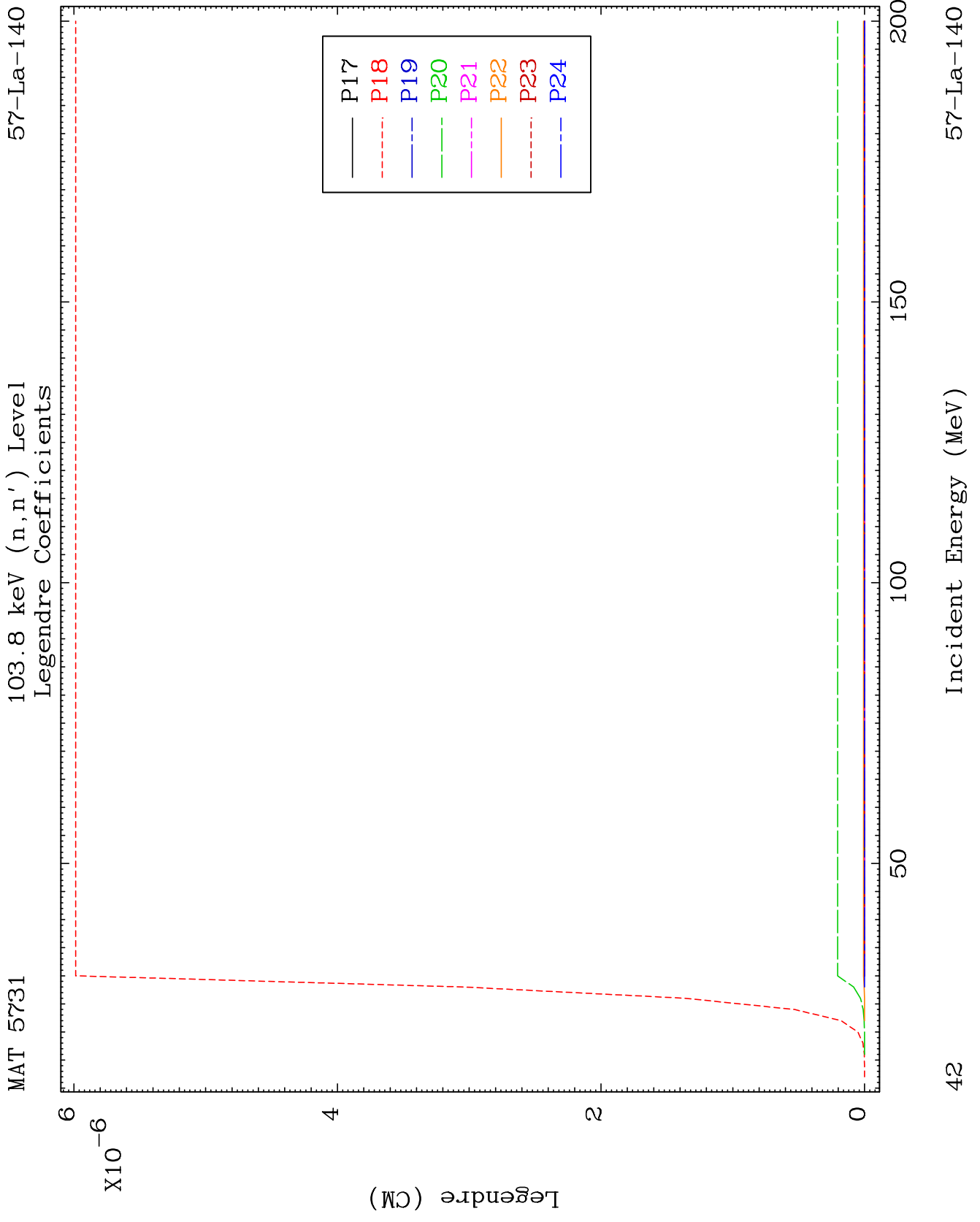
57-La-140

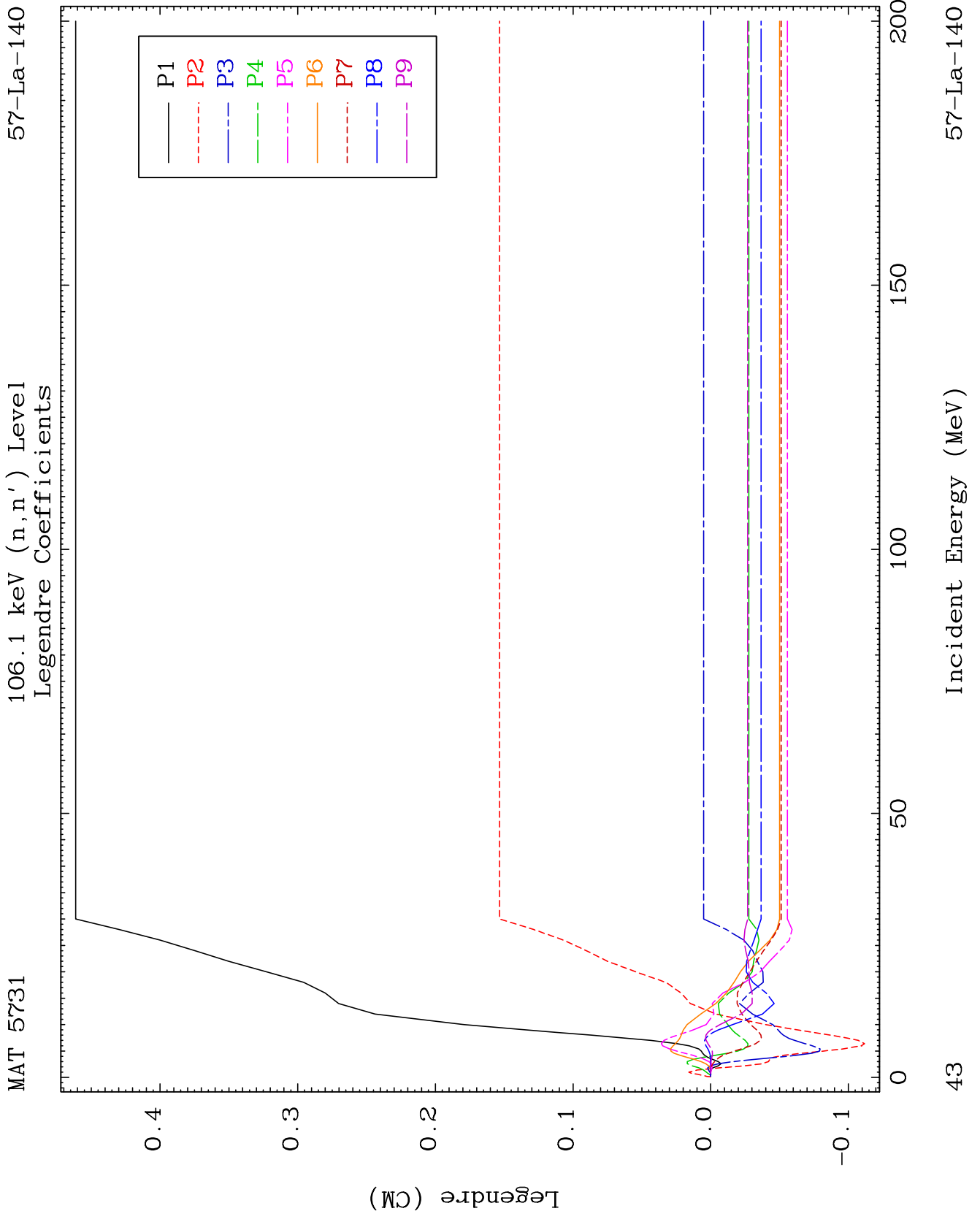








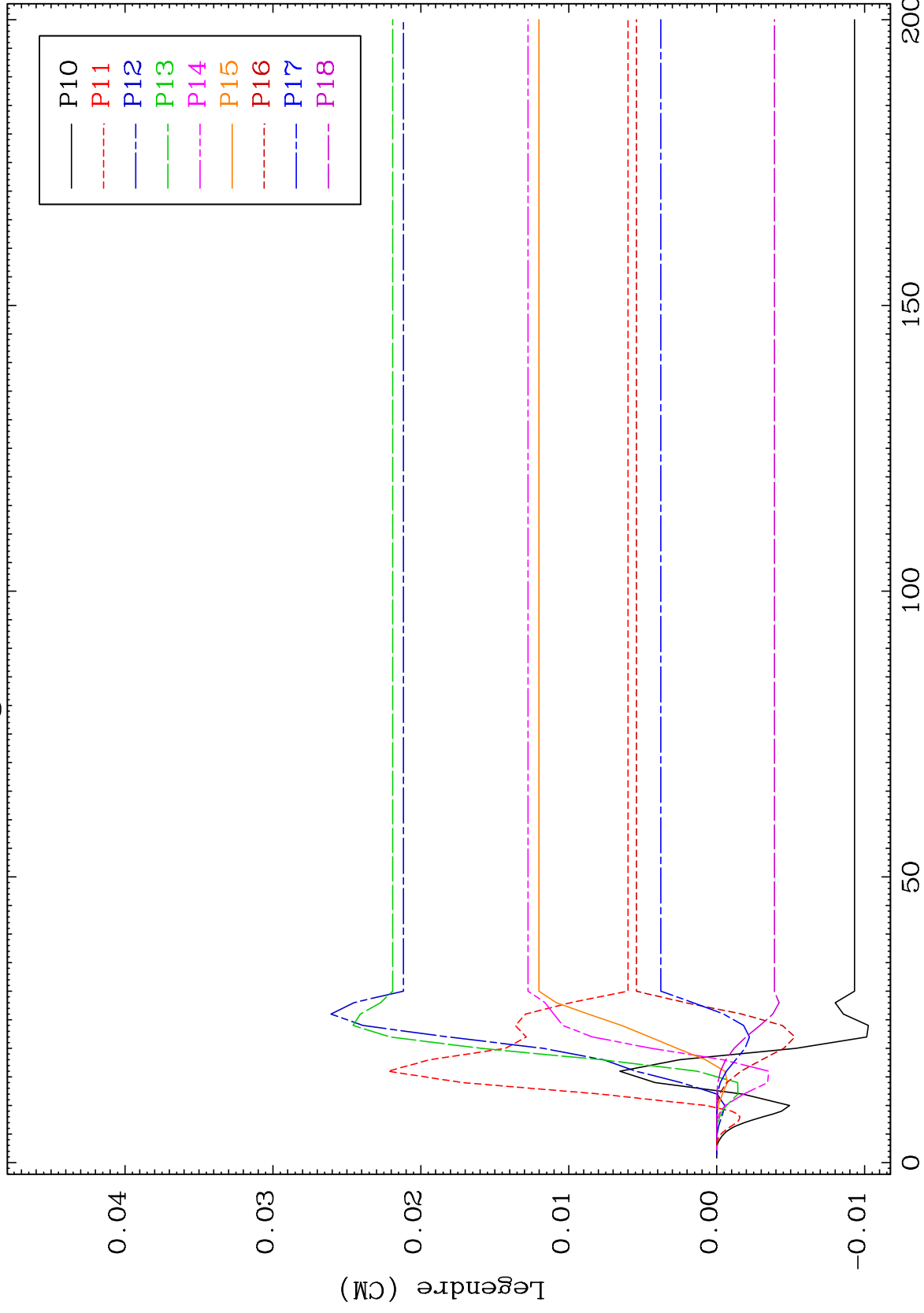




MAT 5731

106.1 keV (n,n') Level  
Legendre Coefficients

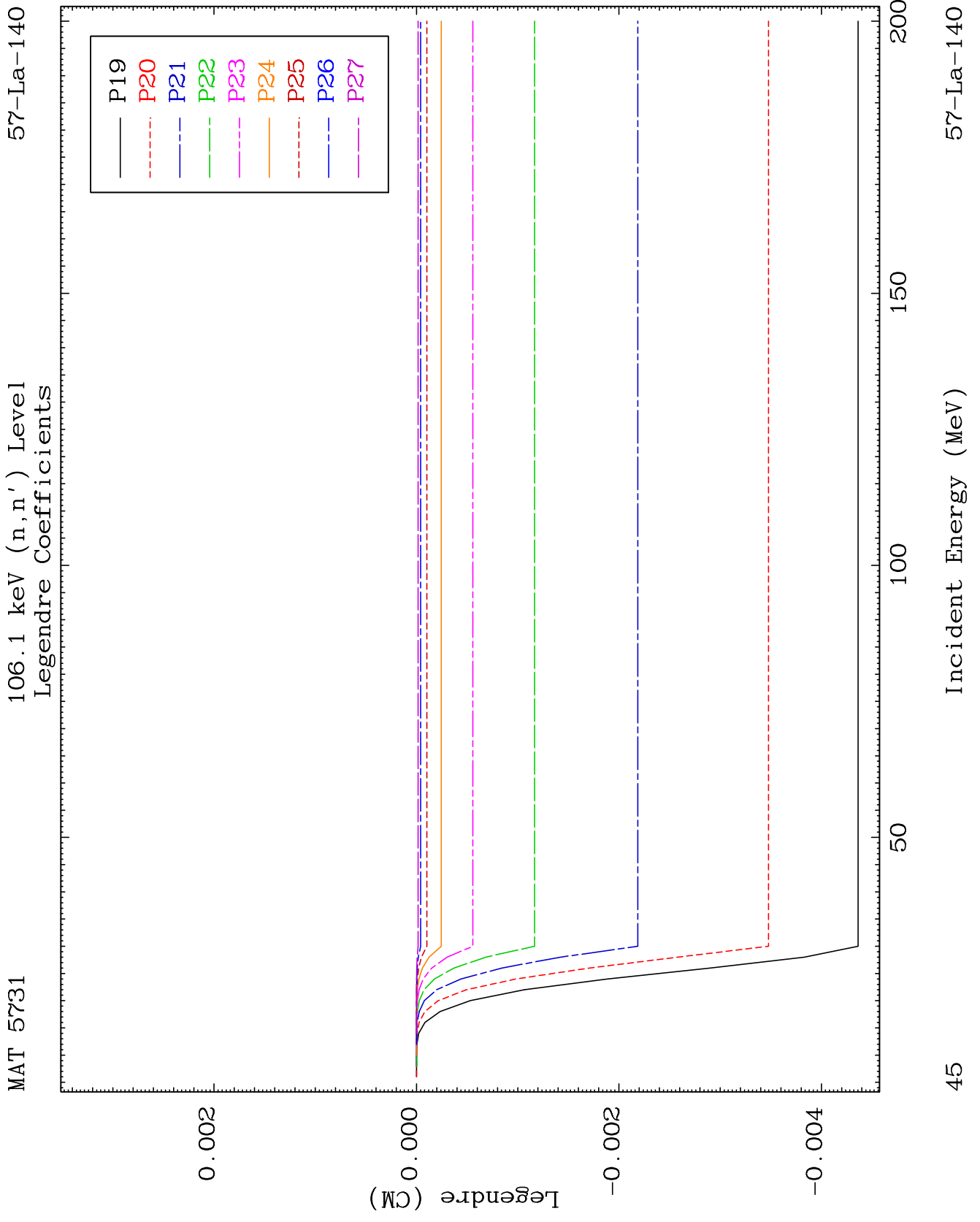
57-La-140

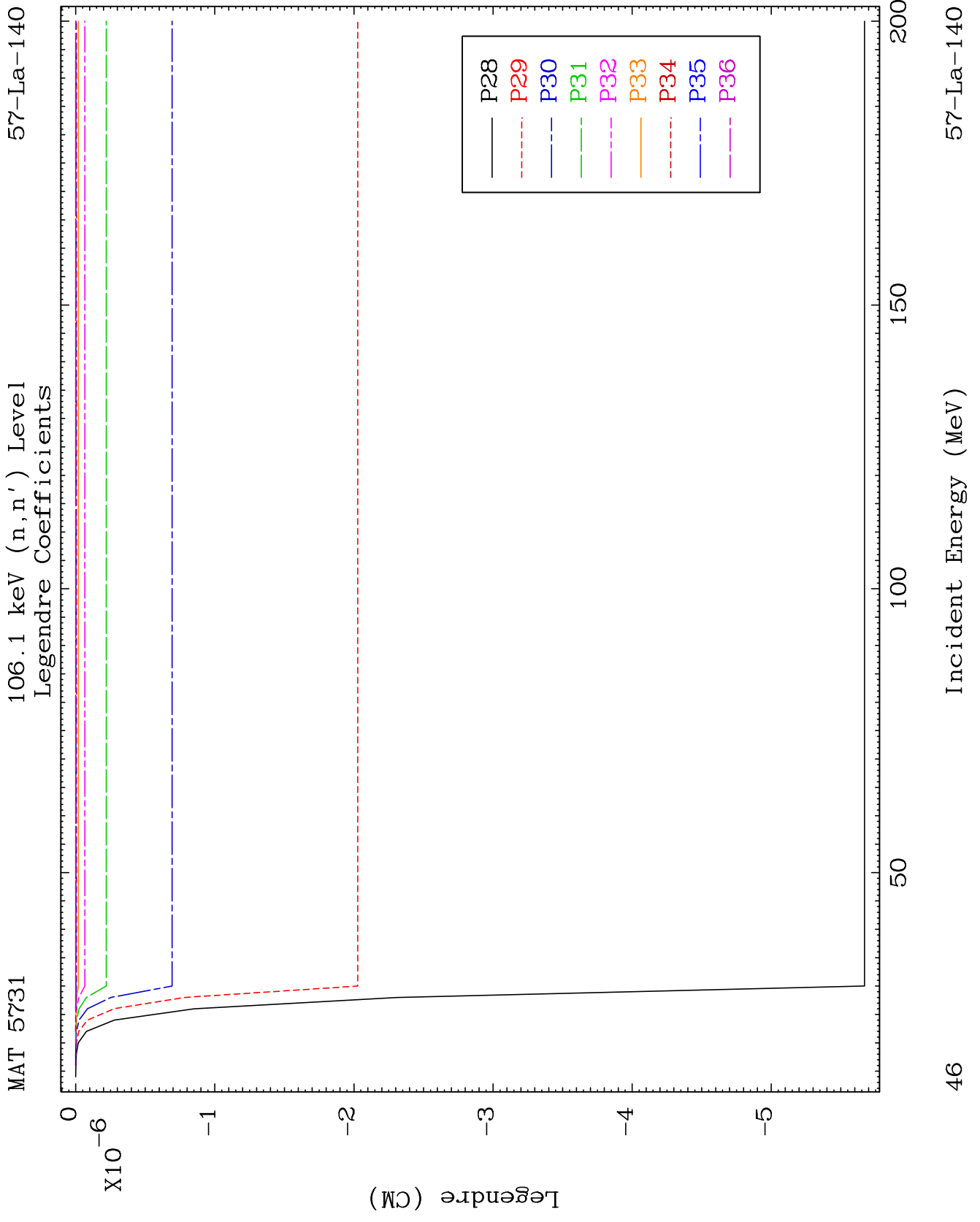


44

Incident Energy (MeV)

57-La-140





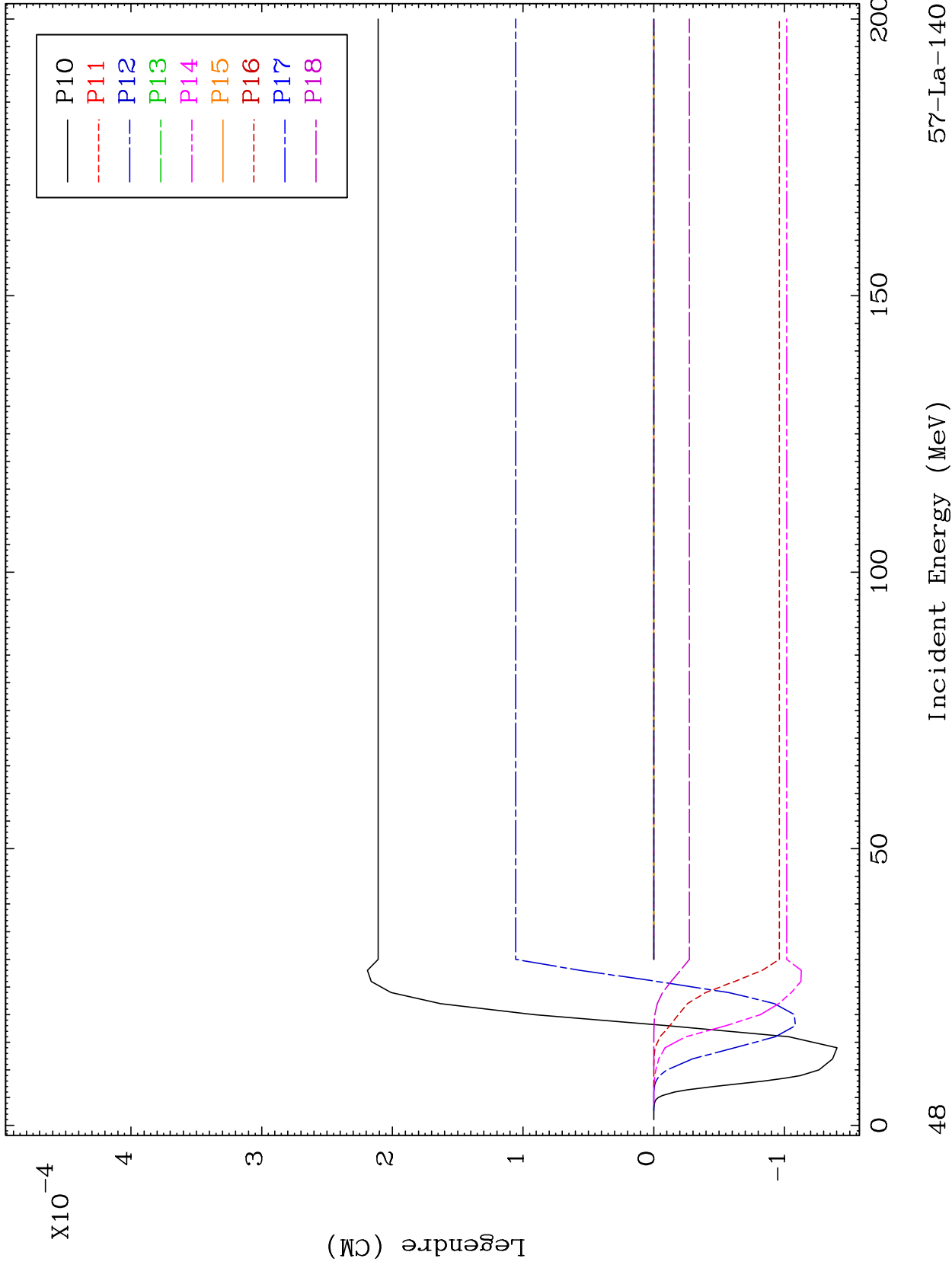




MAT 5731

162.7 keV (n,n') Level  
Legendre Coefficients

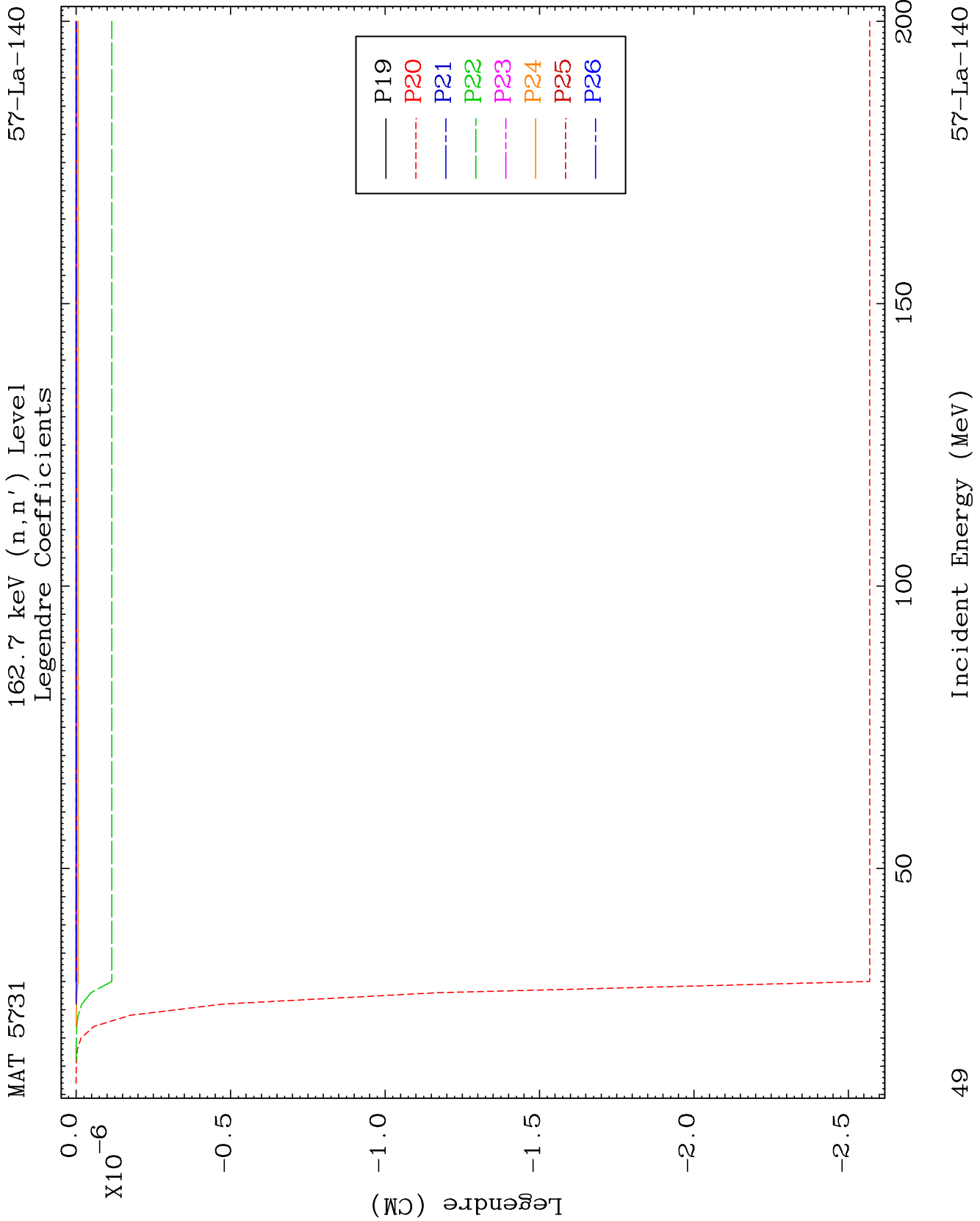
57-La-140



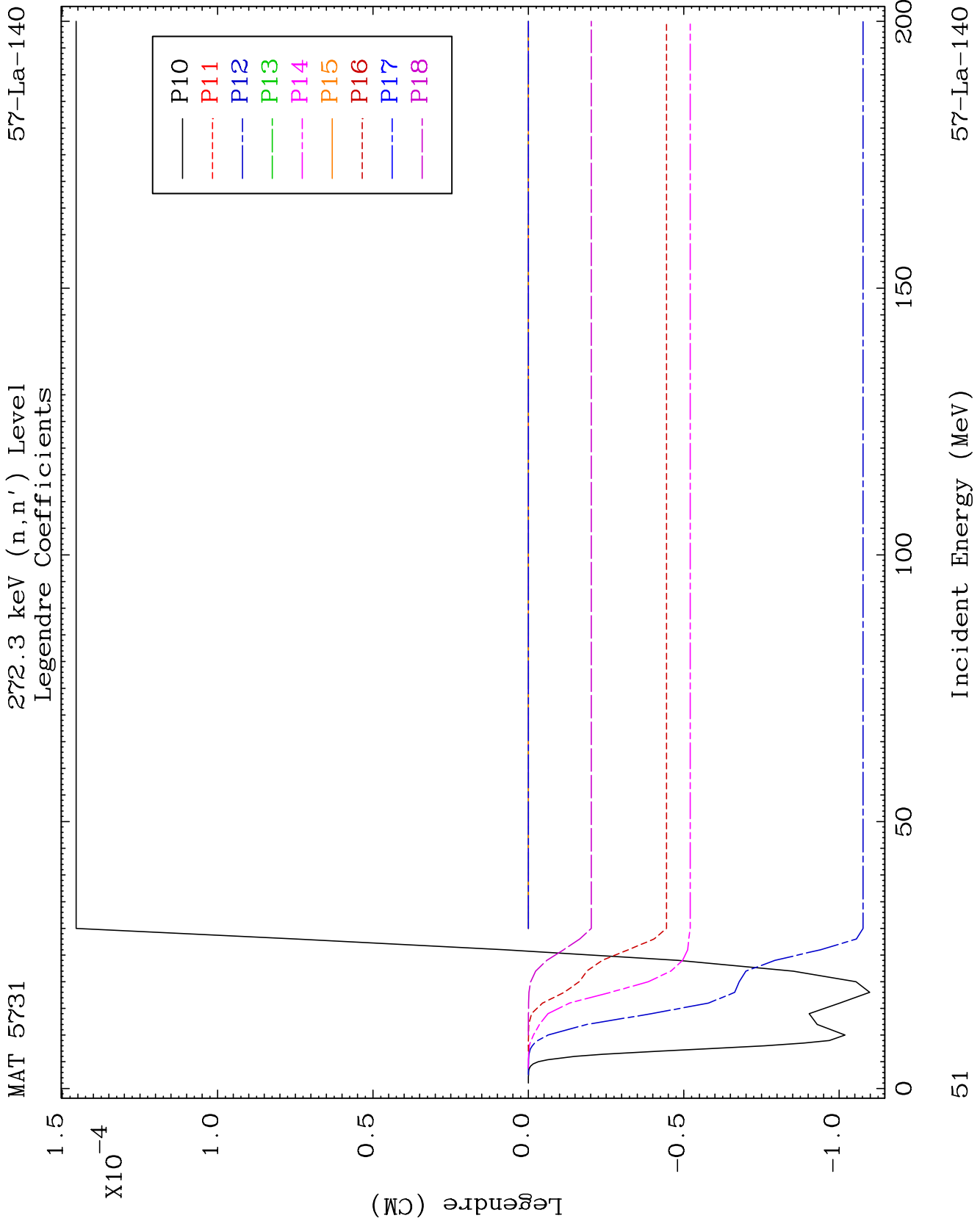
57-La-140

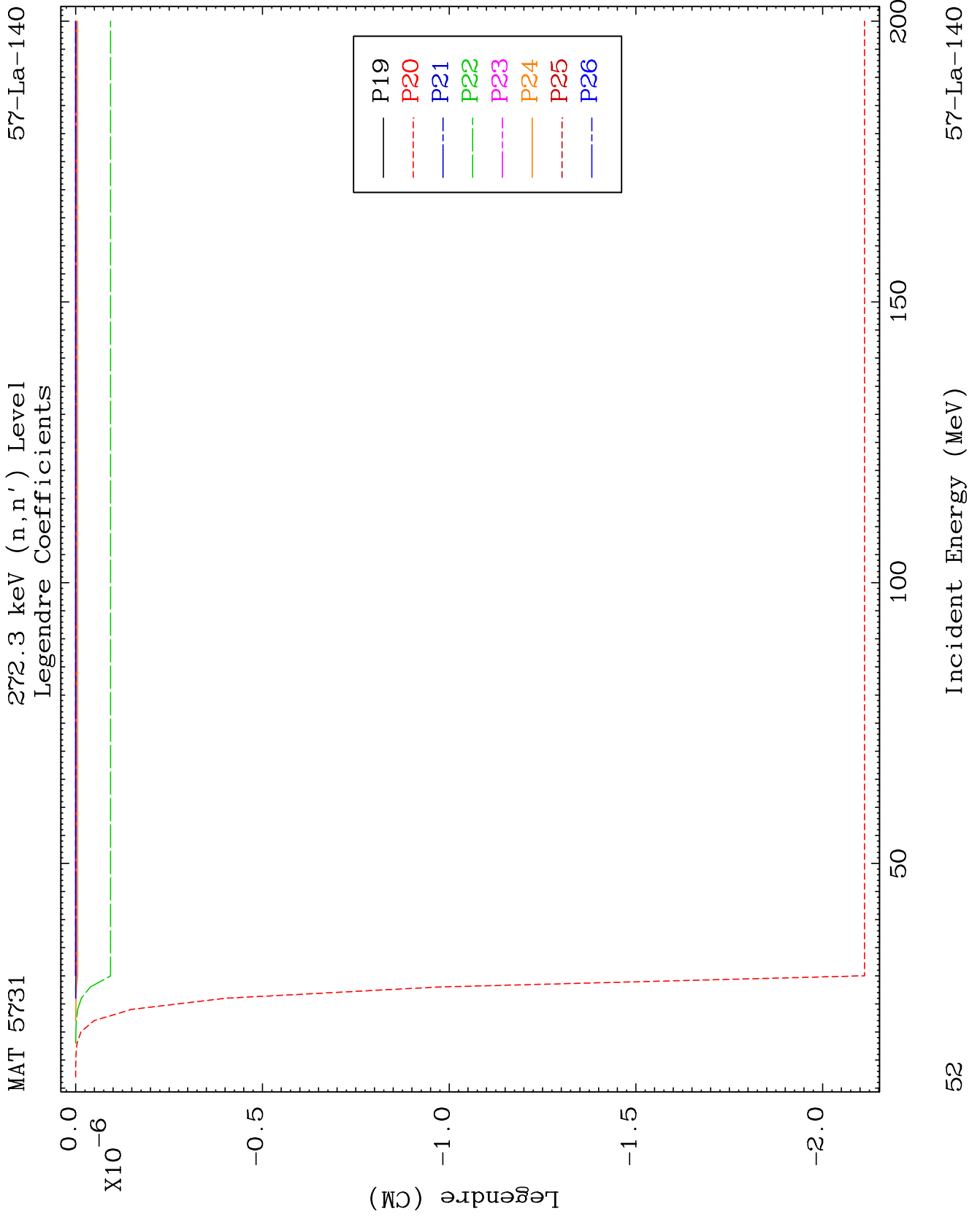
Incident Energy (MeV)

48







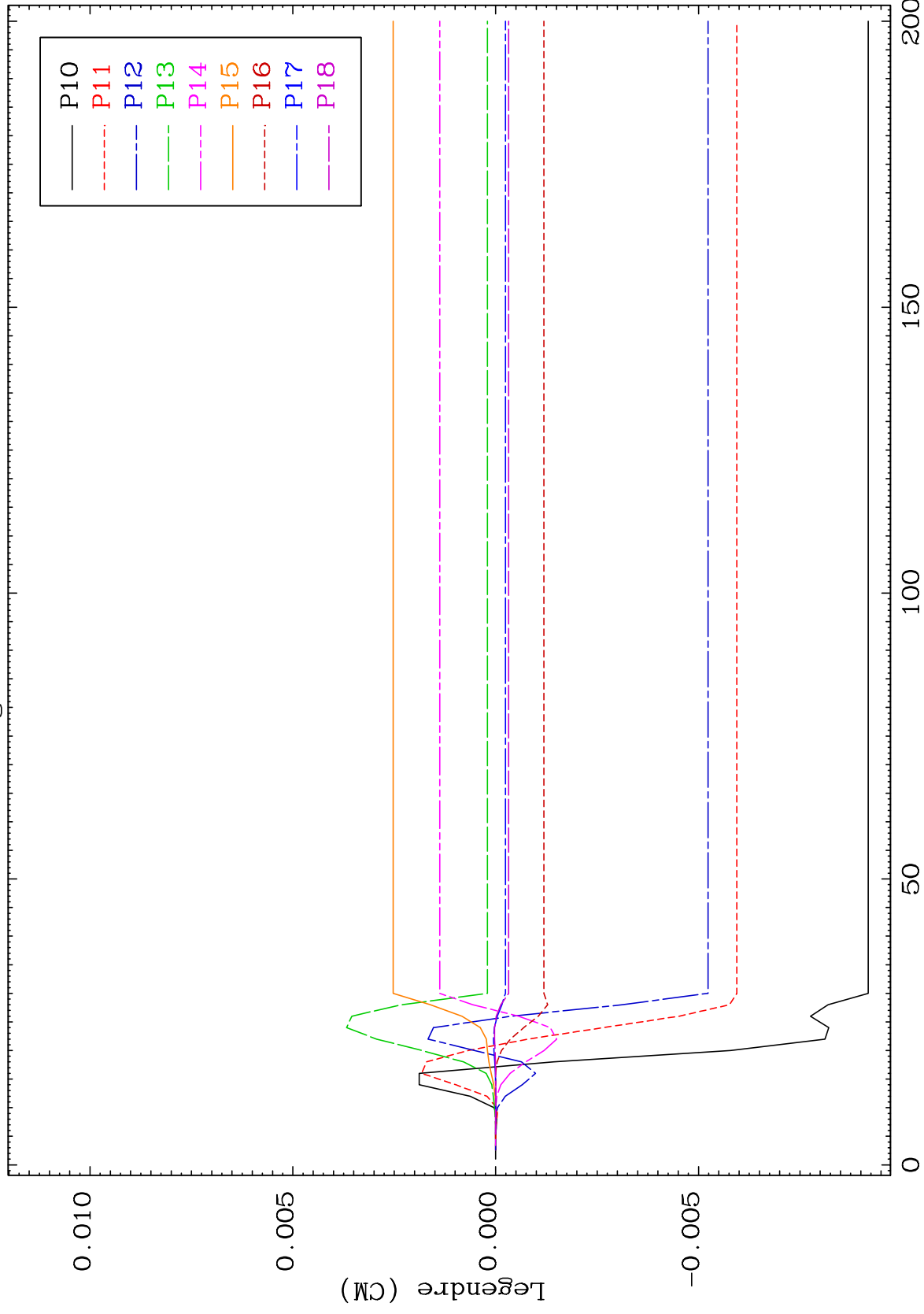




MAT 5731

284.7 keV (n,n') Level  
Legendre Coefficients

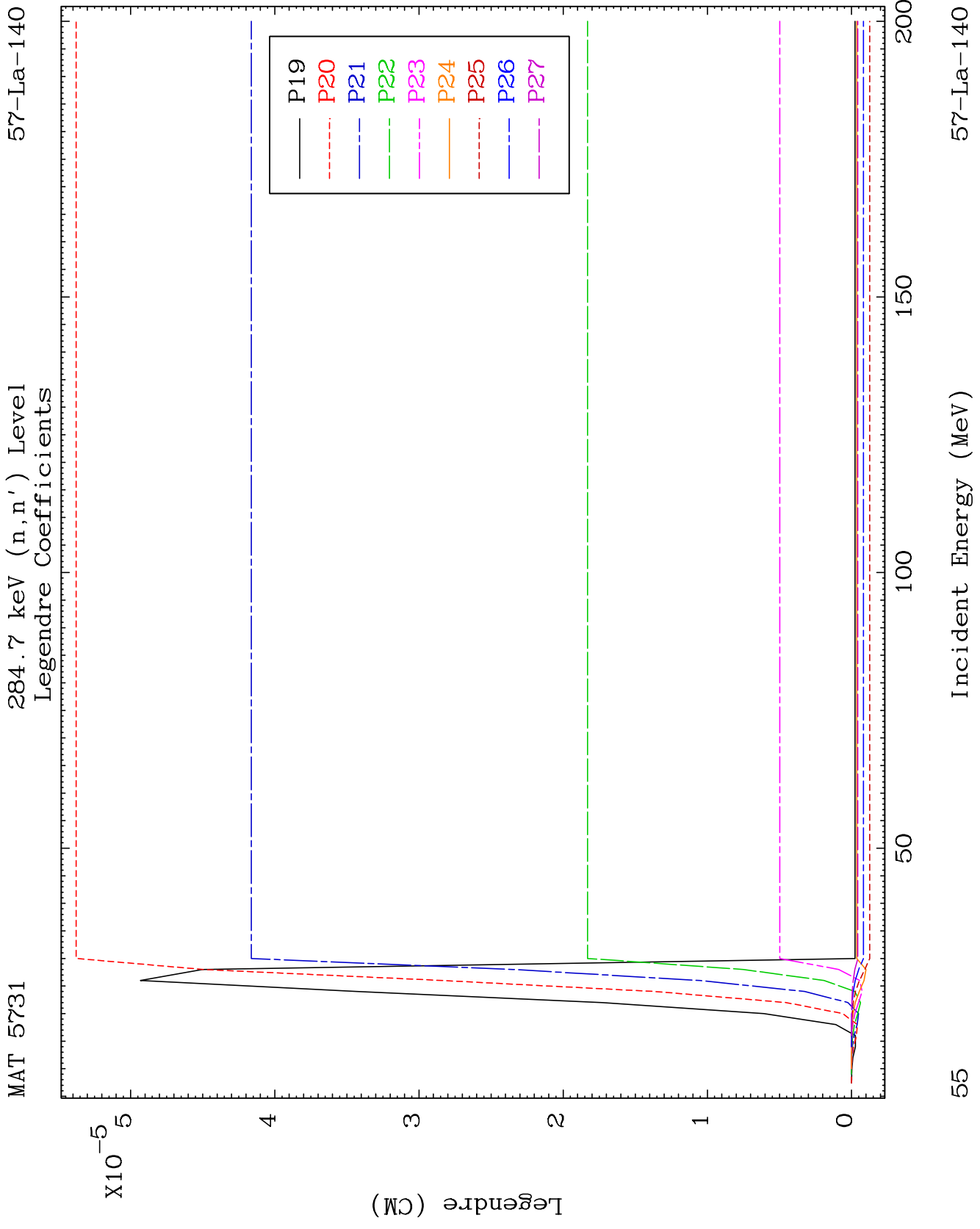
57-La-140



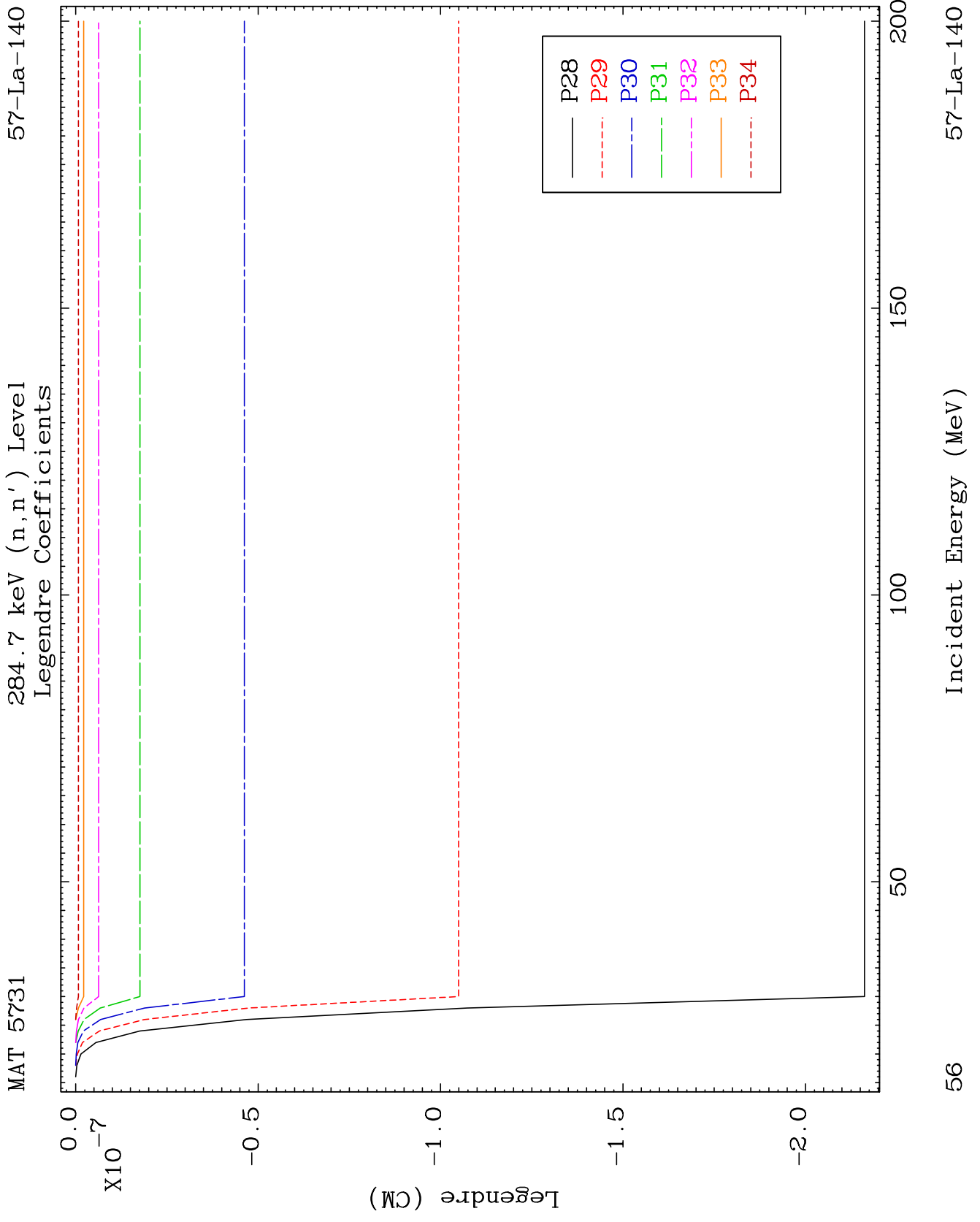
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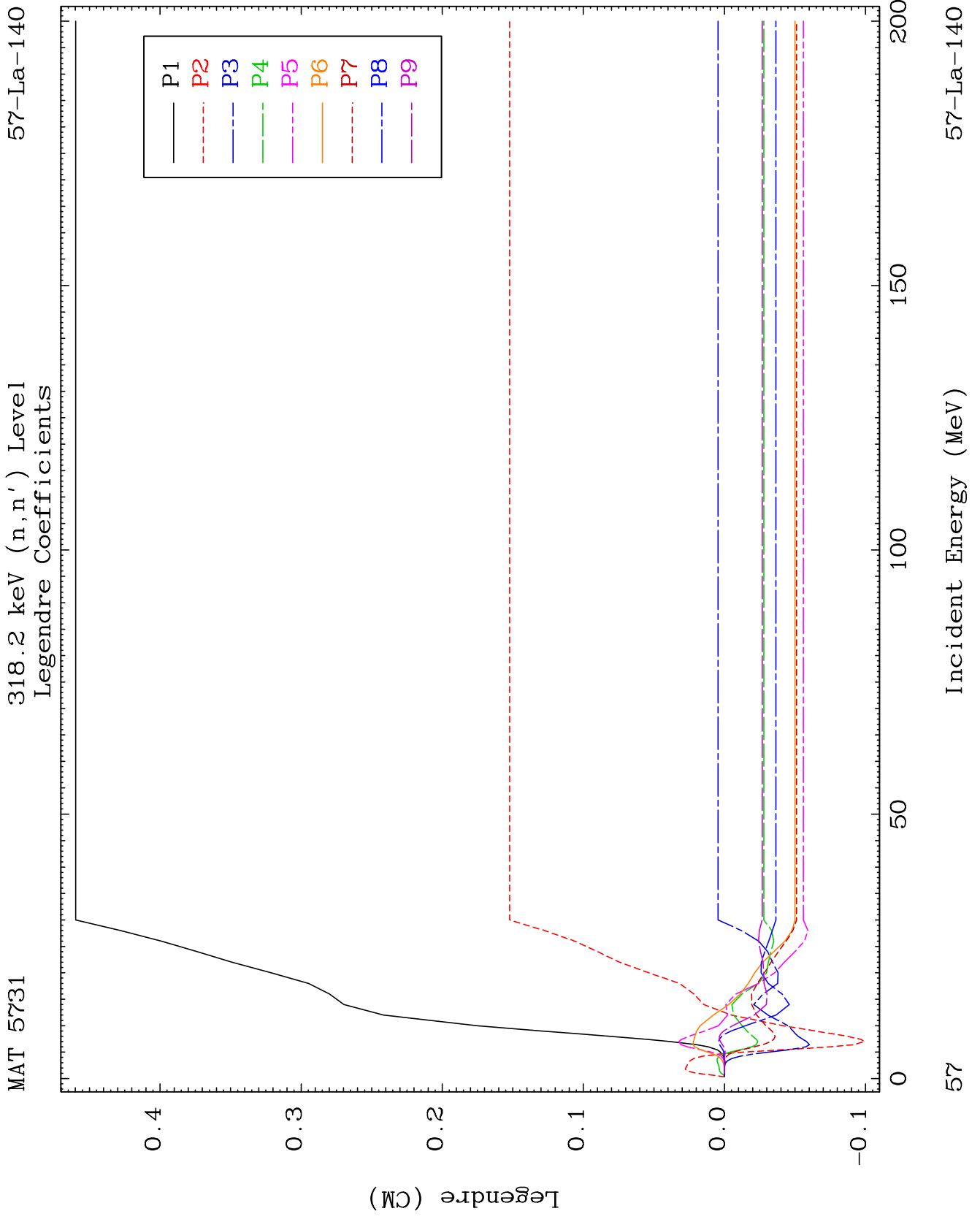
Incident Energy (MeV)

57-La-140





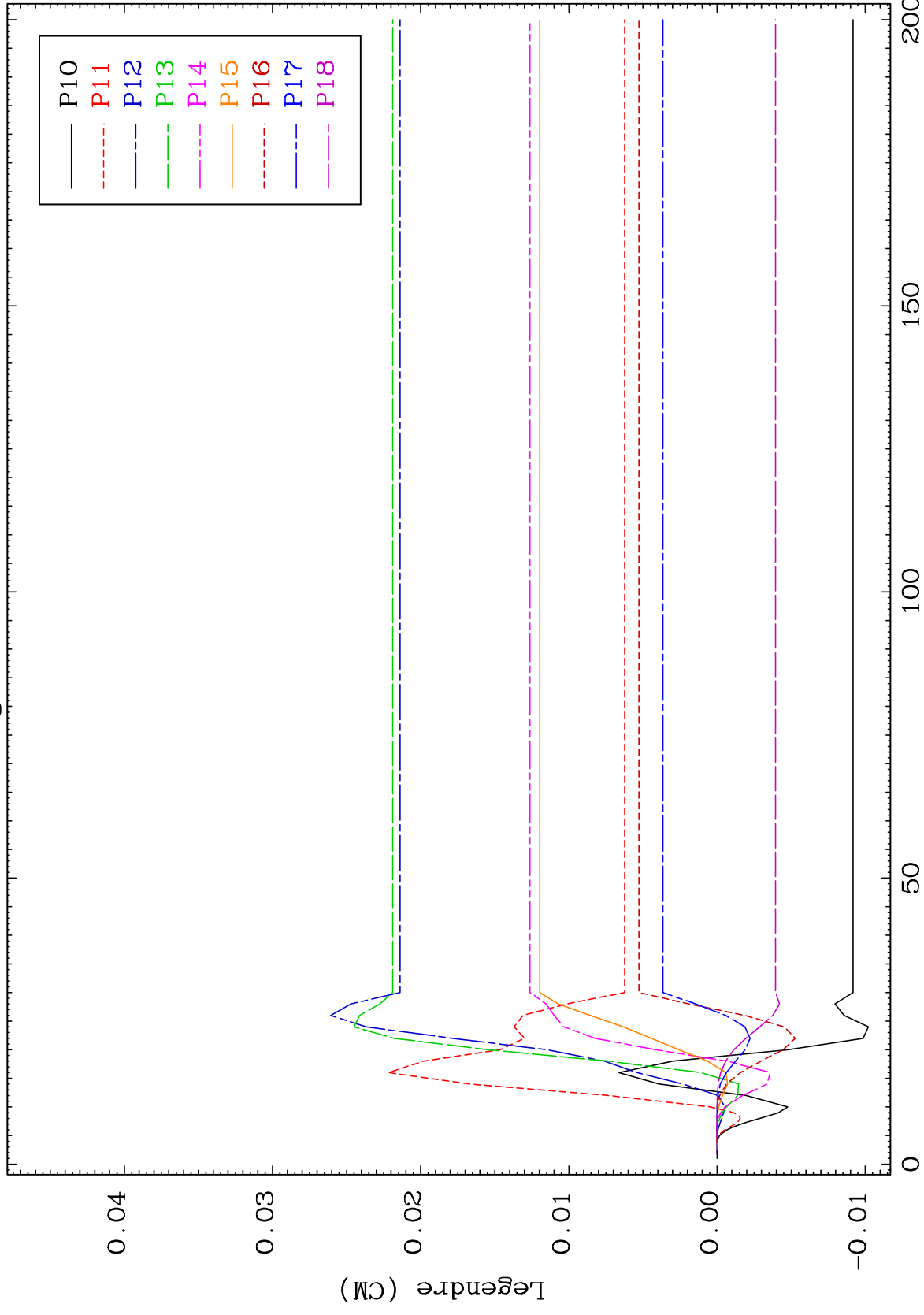




MAT 5731

318.2 keV (n,n') Level  
Legendre Coefficients

57-La-140



58

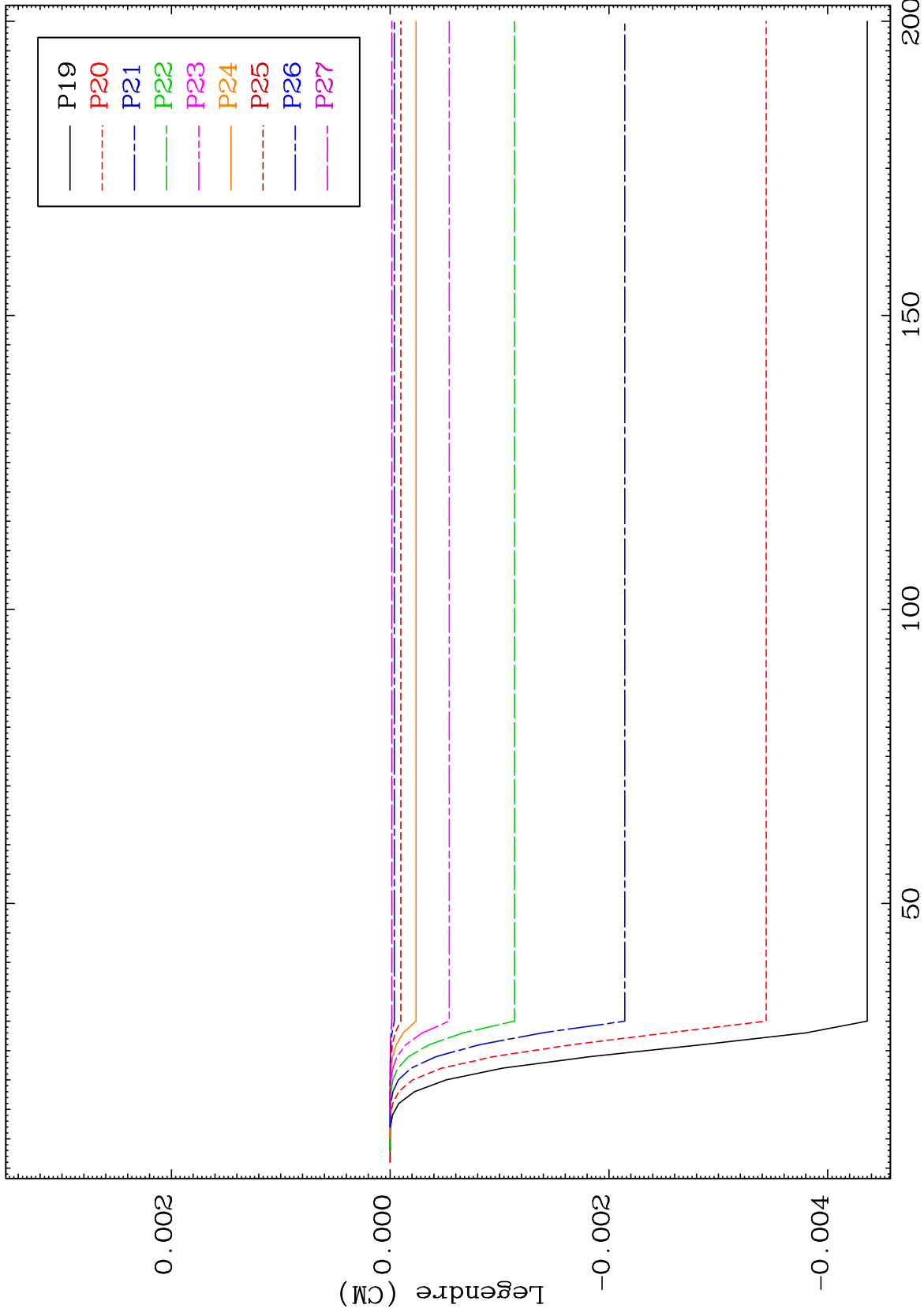
Incident Energy (MeV)

57-La-140

MAT 5731

318.2 keV (n,n') Level  
Legendre Coefficients

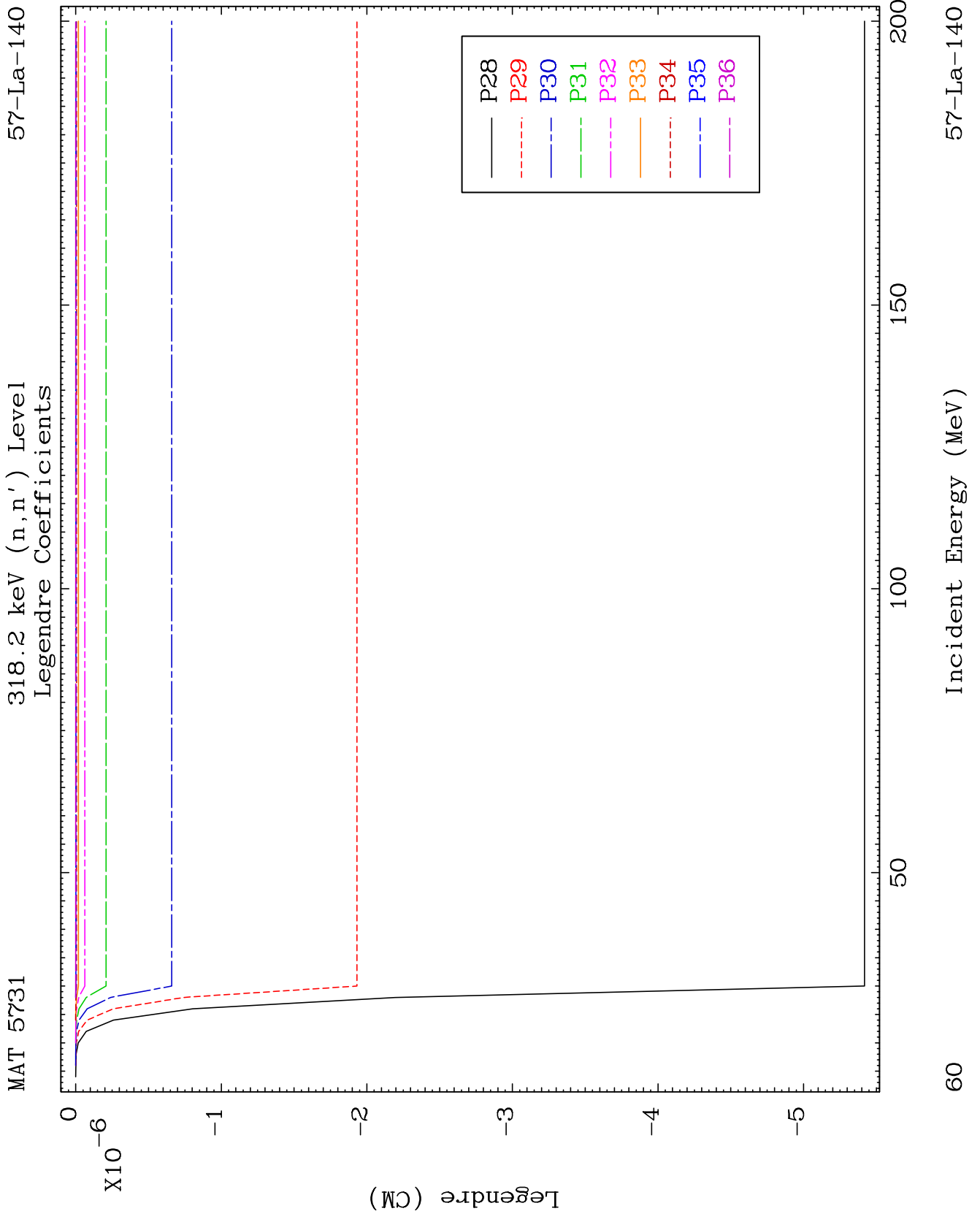
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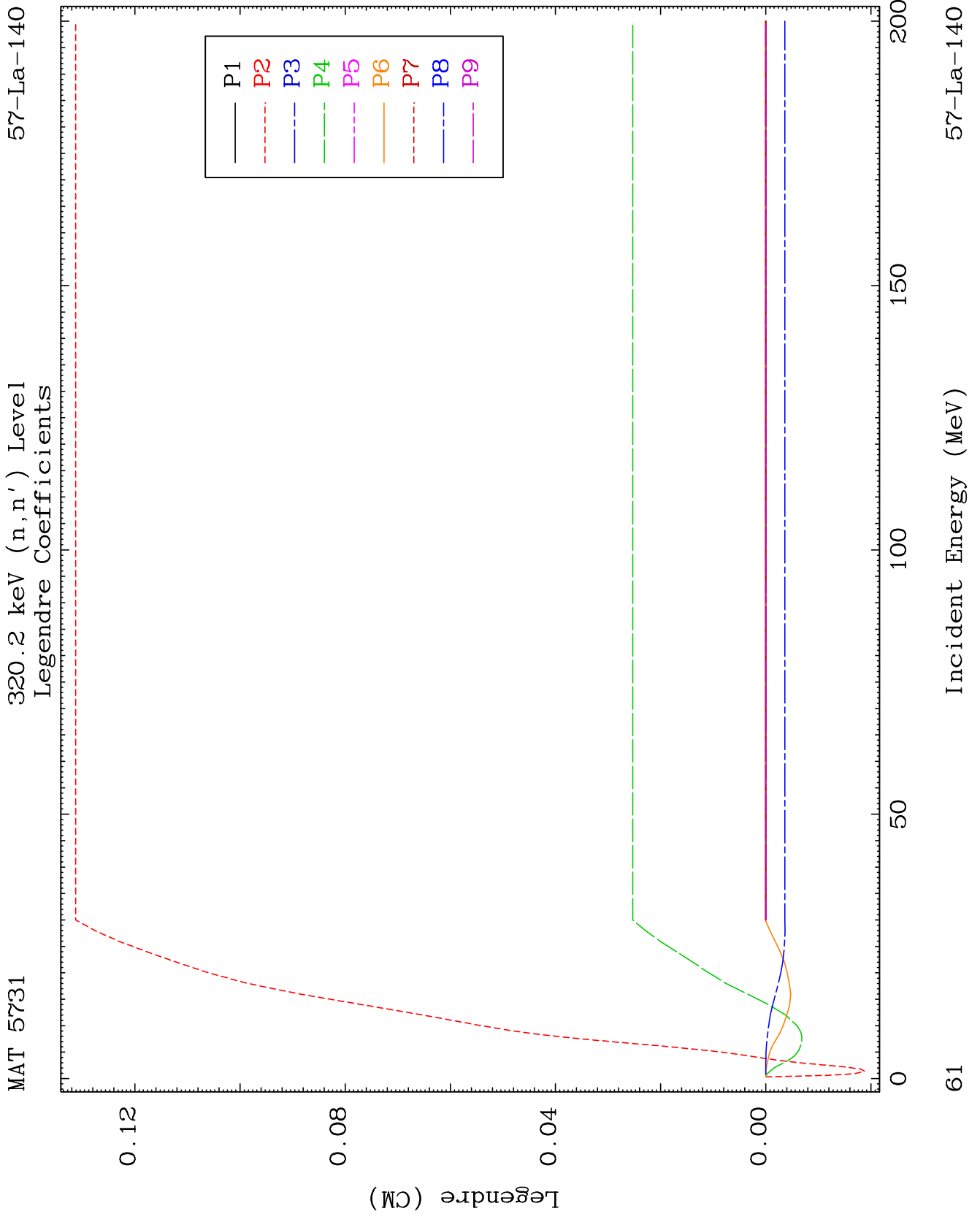


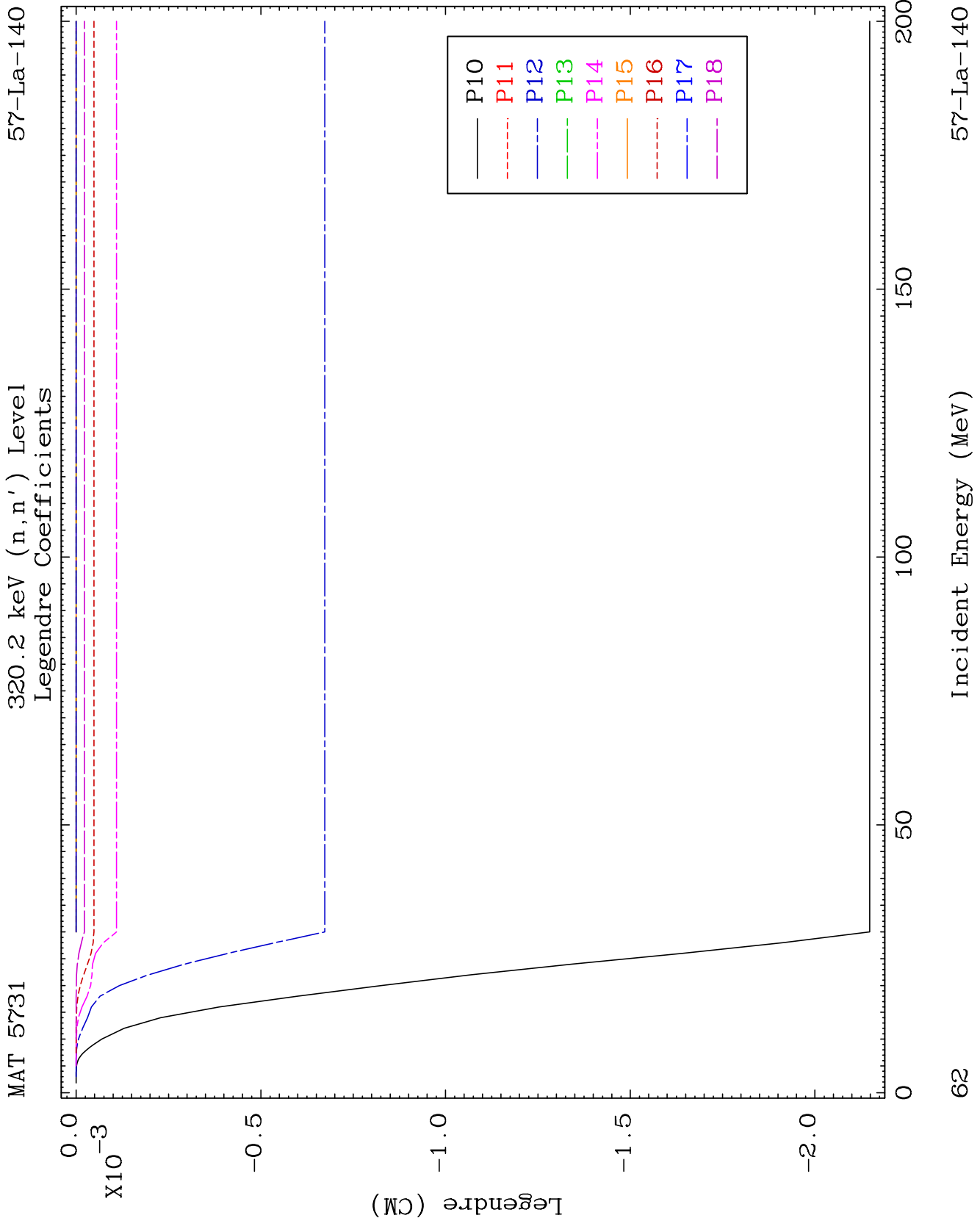
59

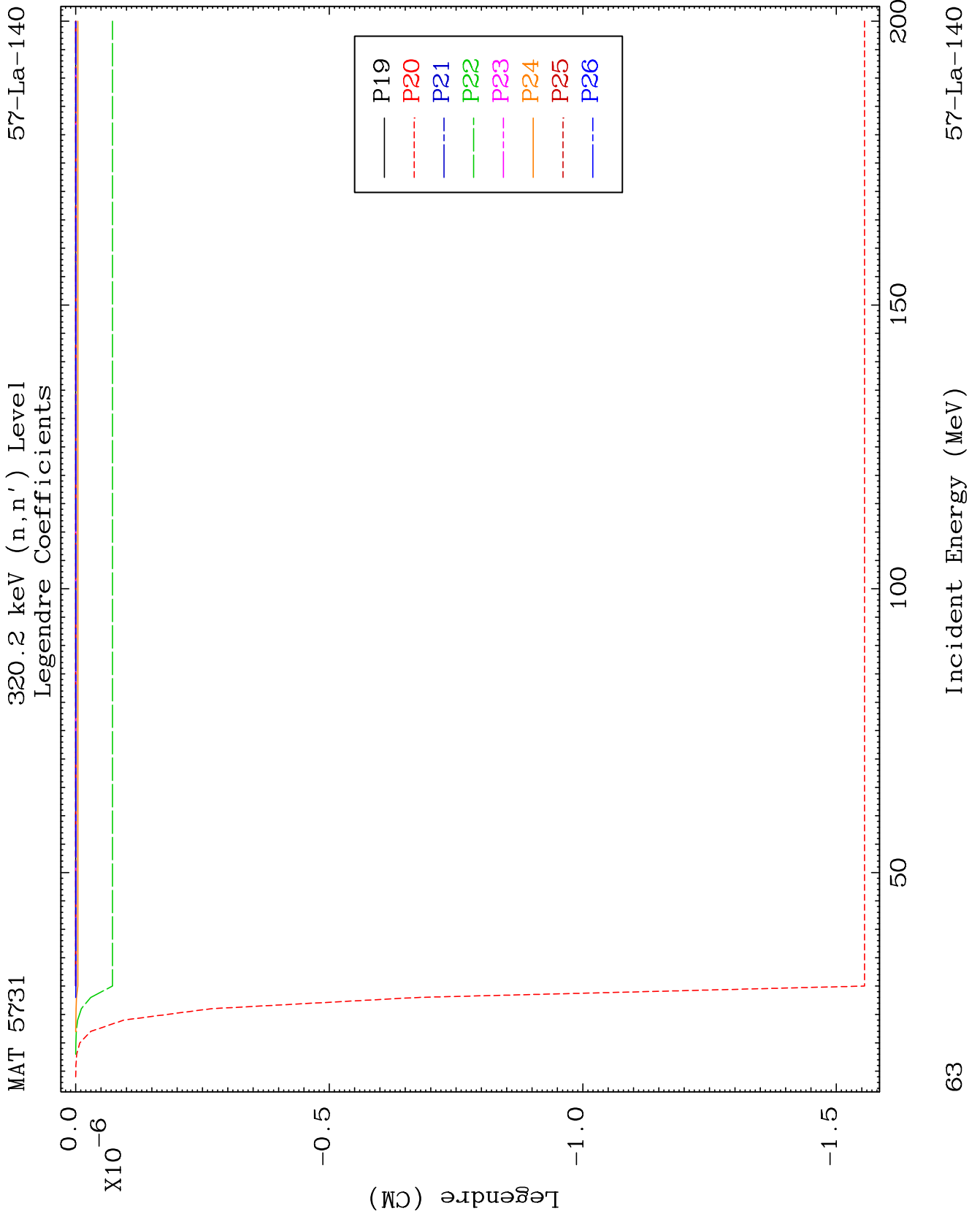
Incident Energy (MeV)

57-La-140



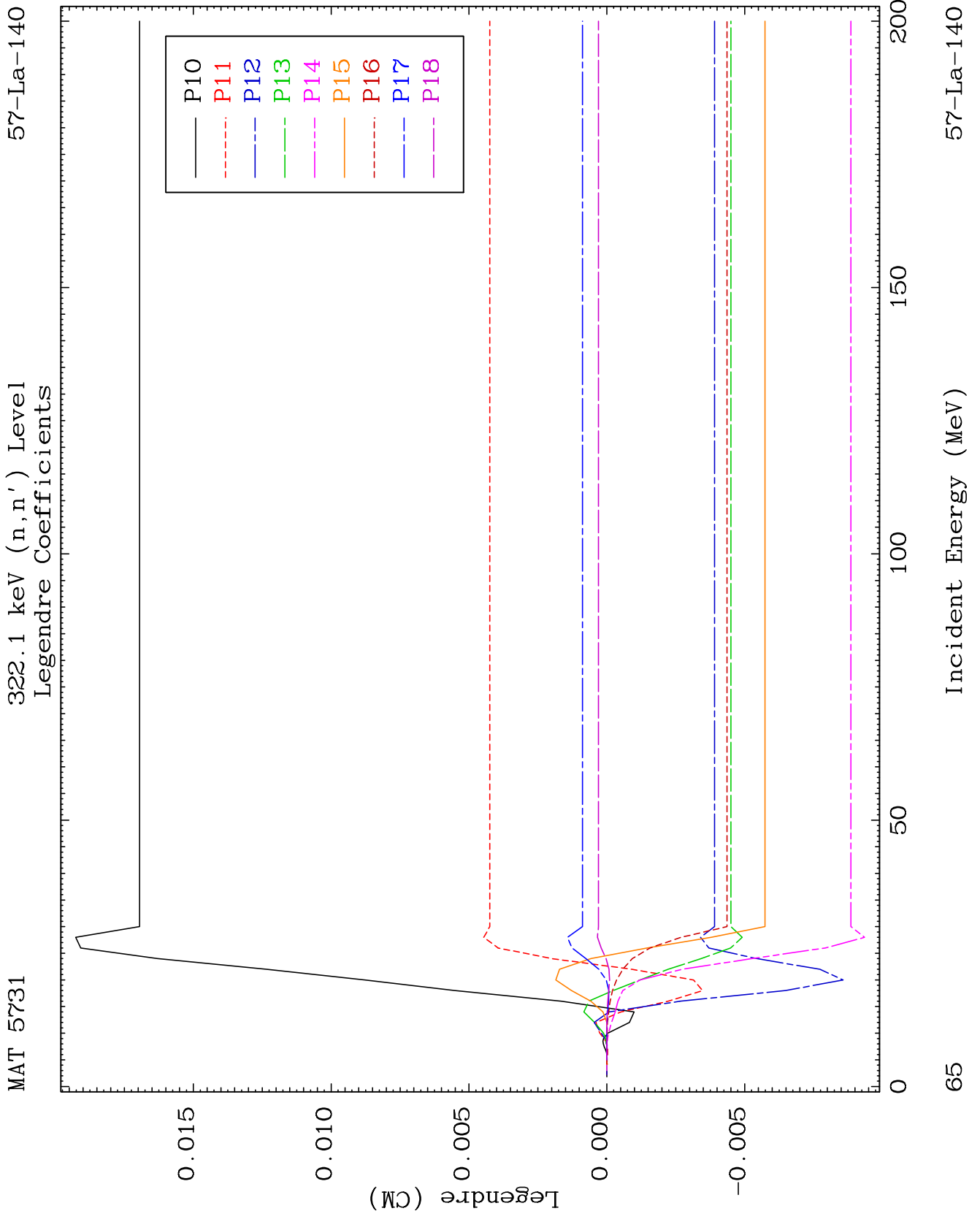


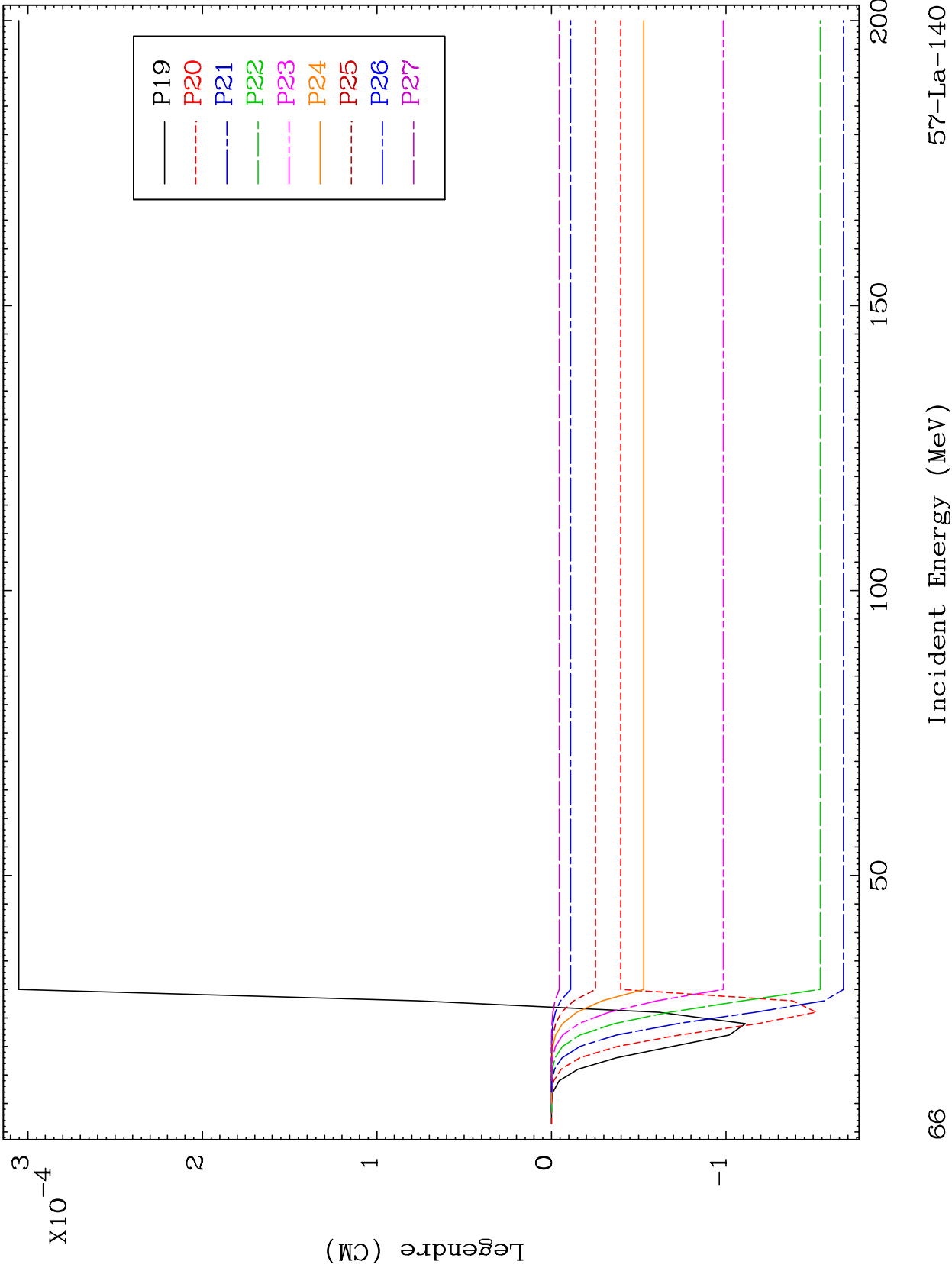


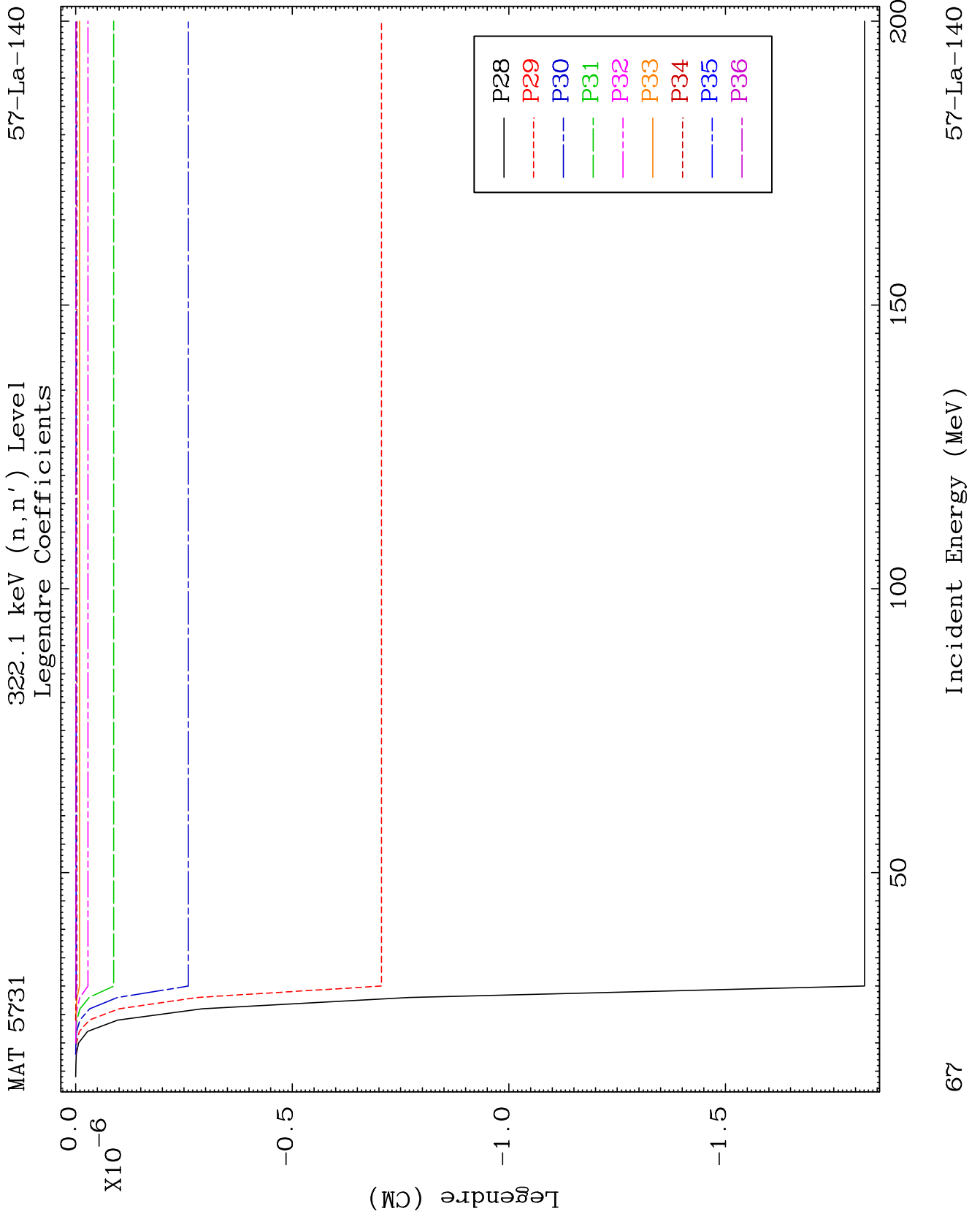




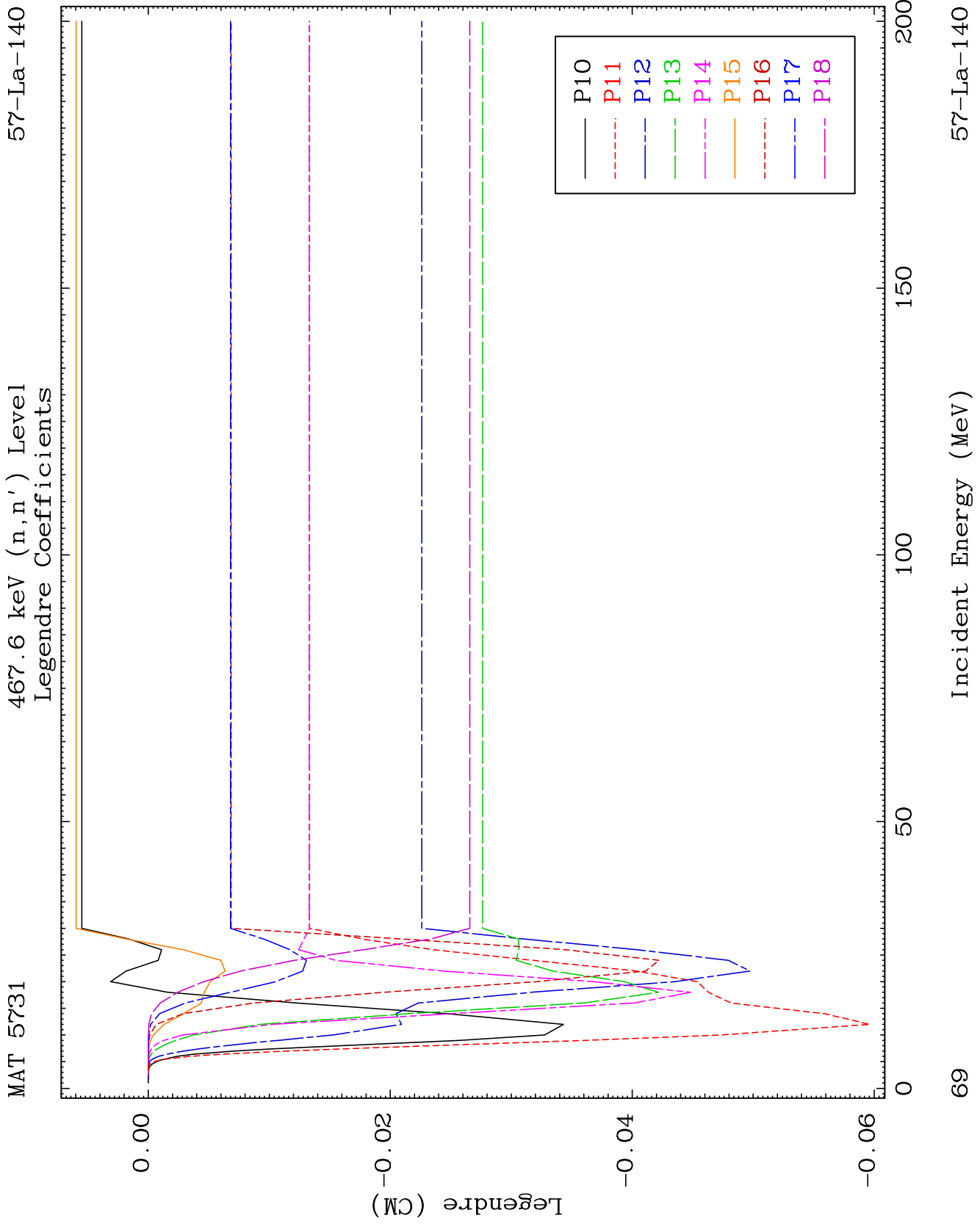


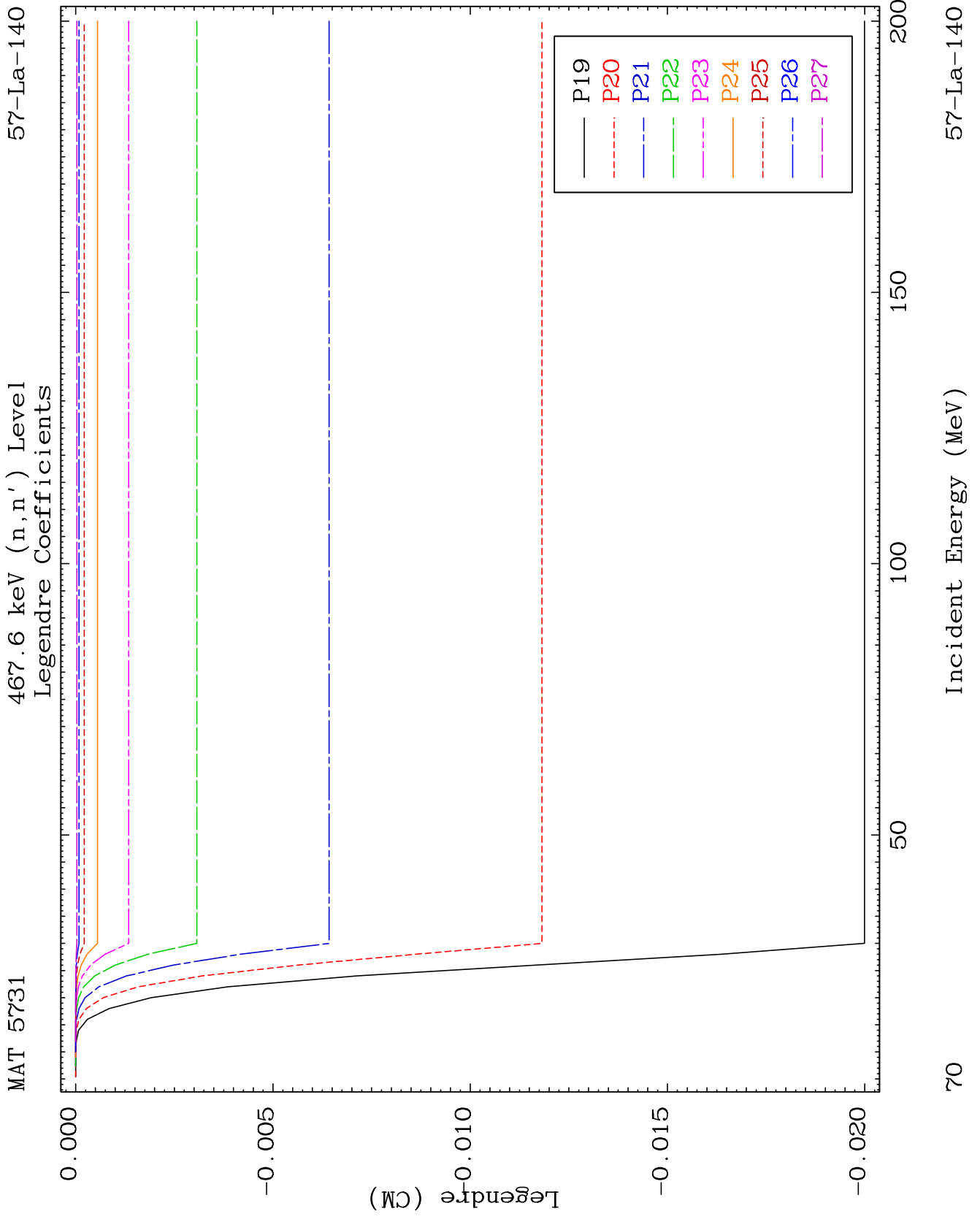


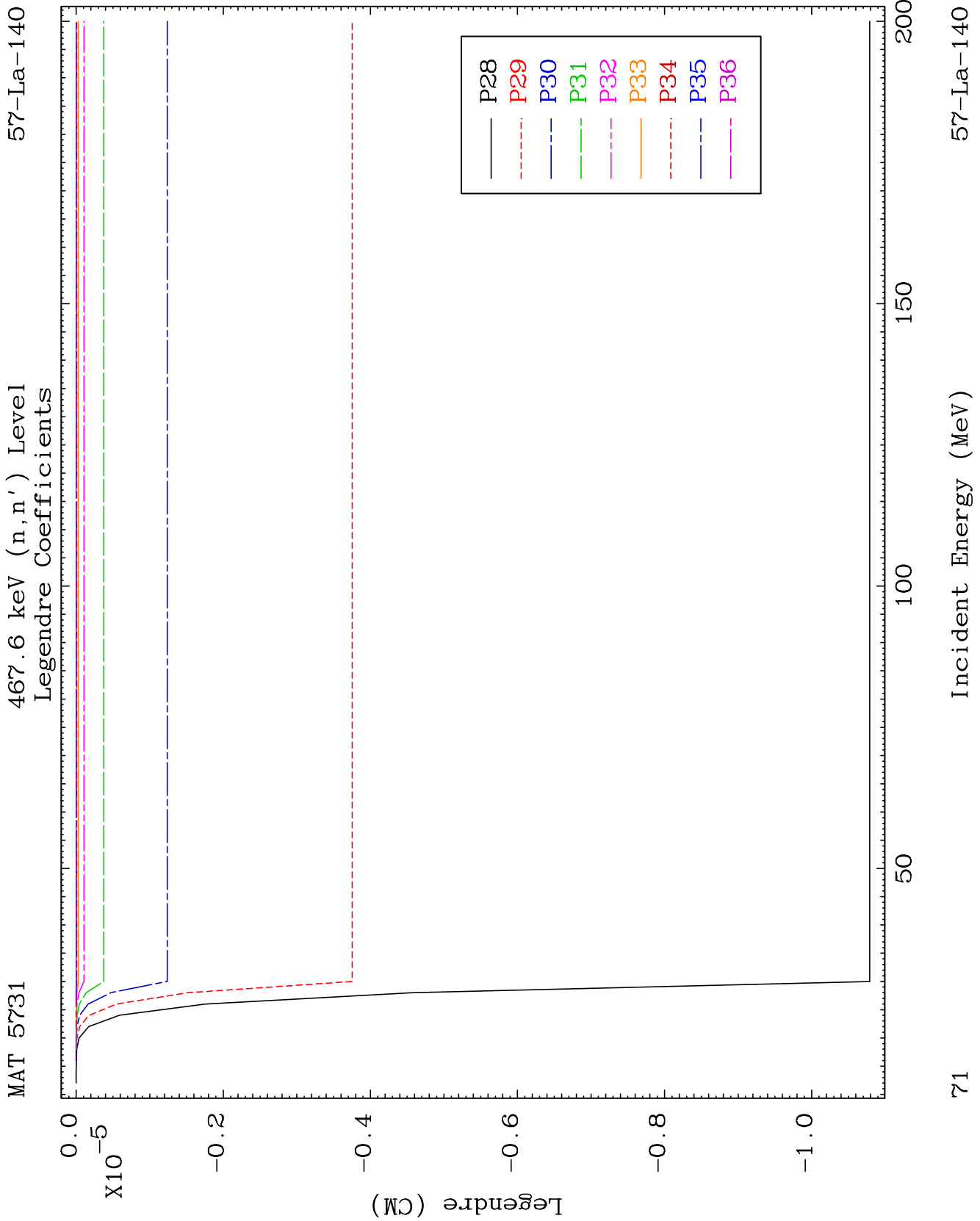




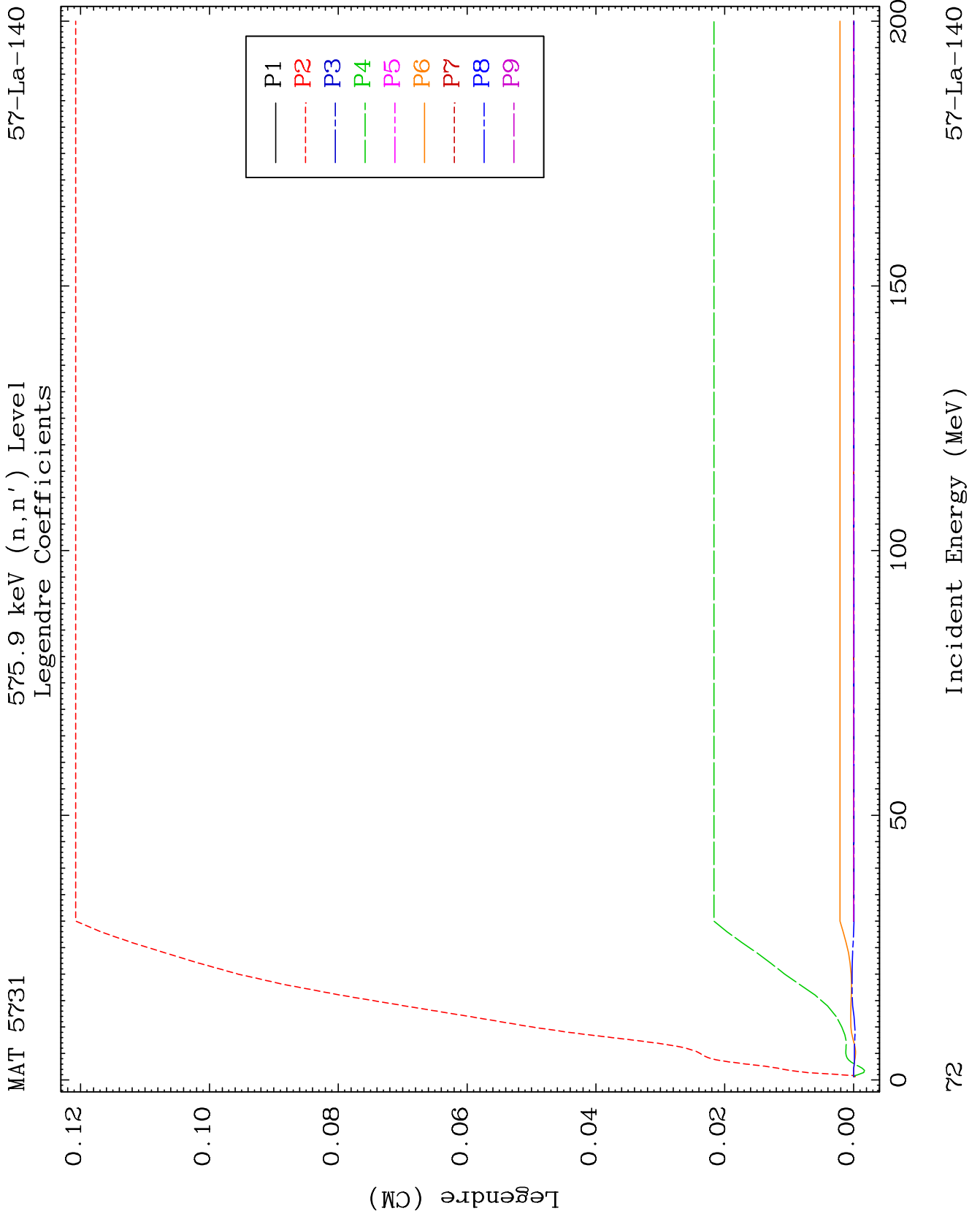








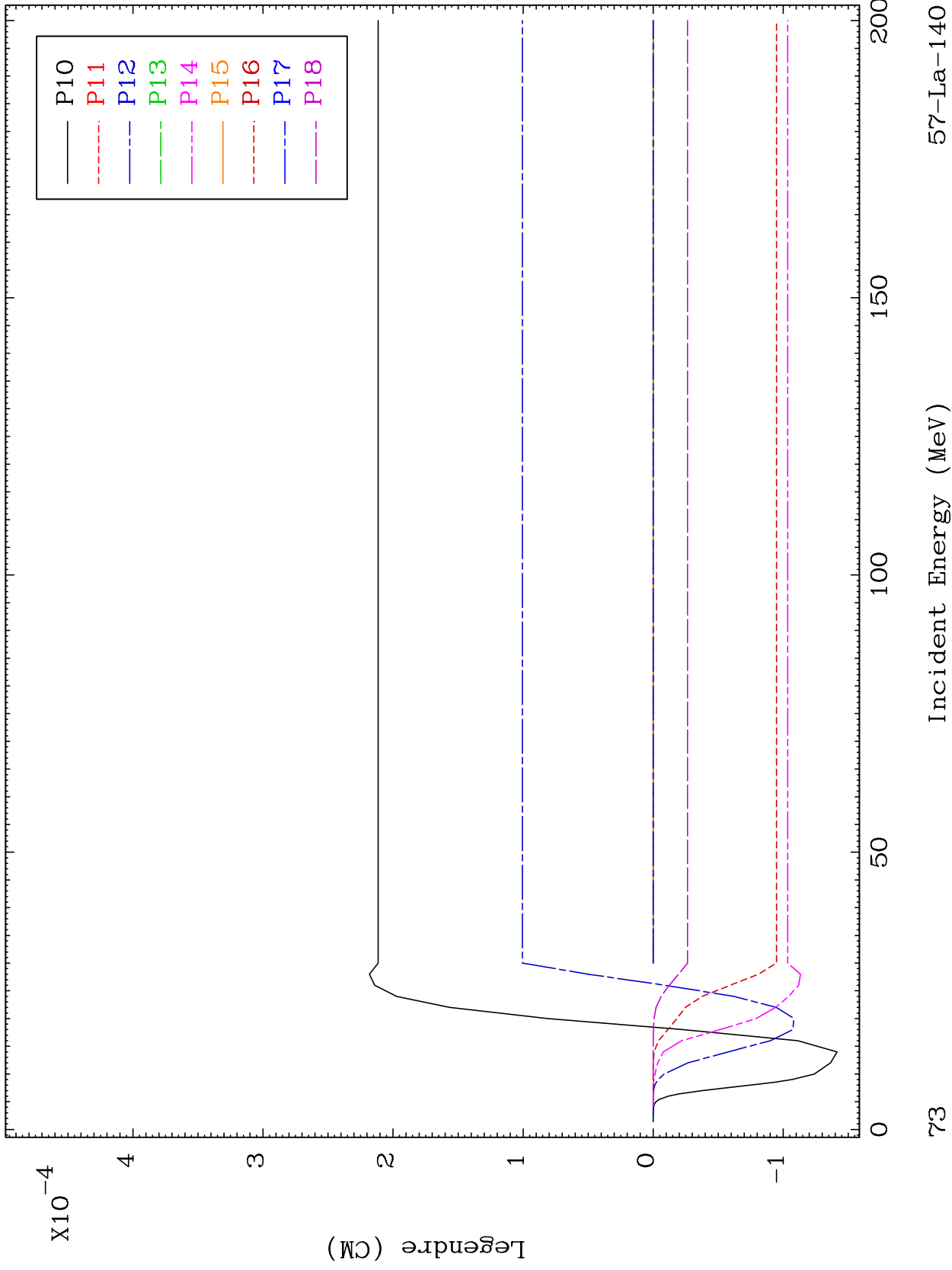




MAT 5731

575.9 keV (n,n') Level  
Legendre Coefficients

57-La-140

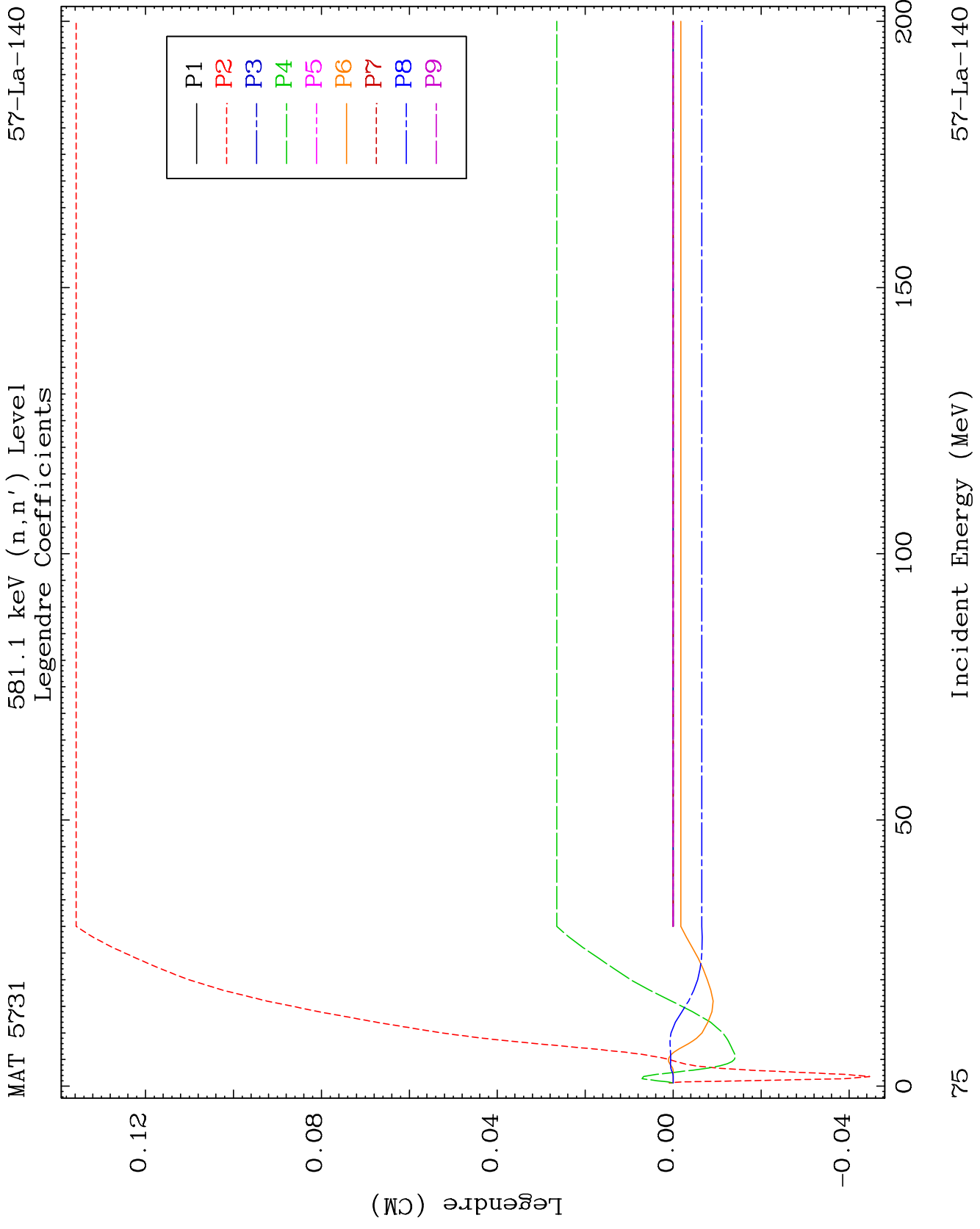


57-La-140

Incident Energy (MeV)

73

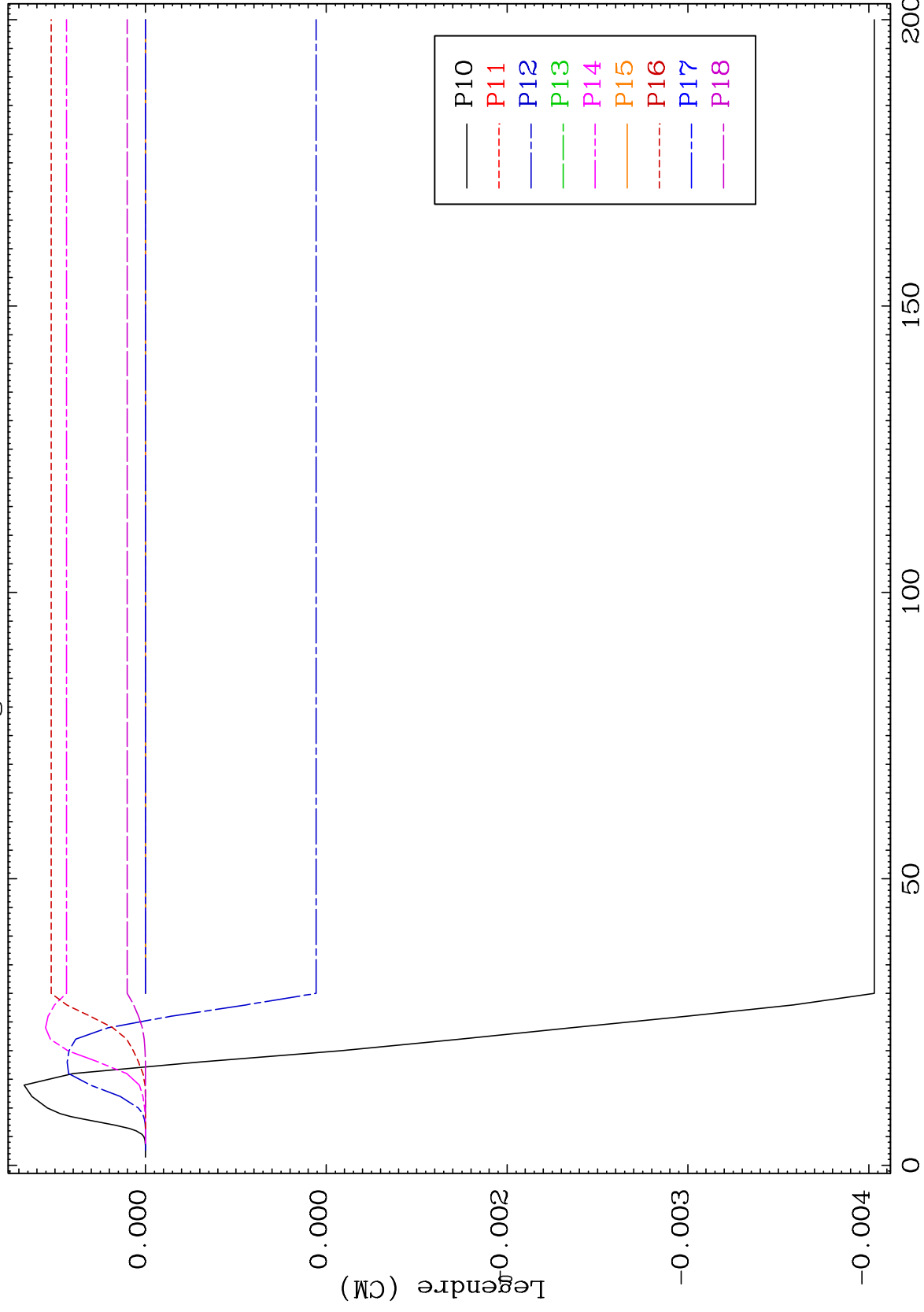




MAT 5731

581.1 keV (n,n') Level  
Legendre Coefficients

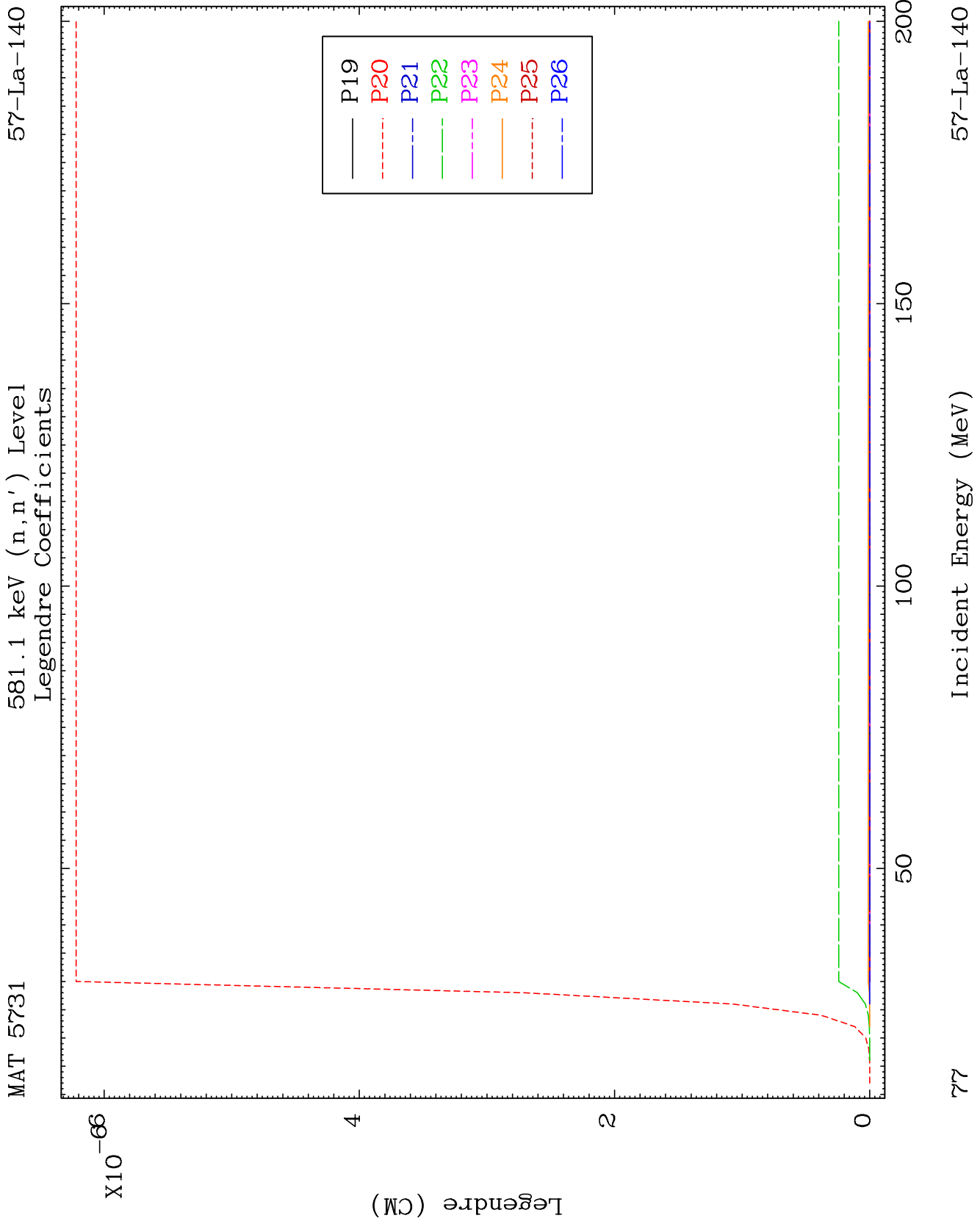
57-La-140

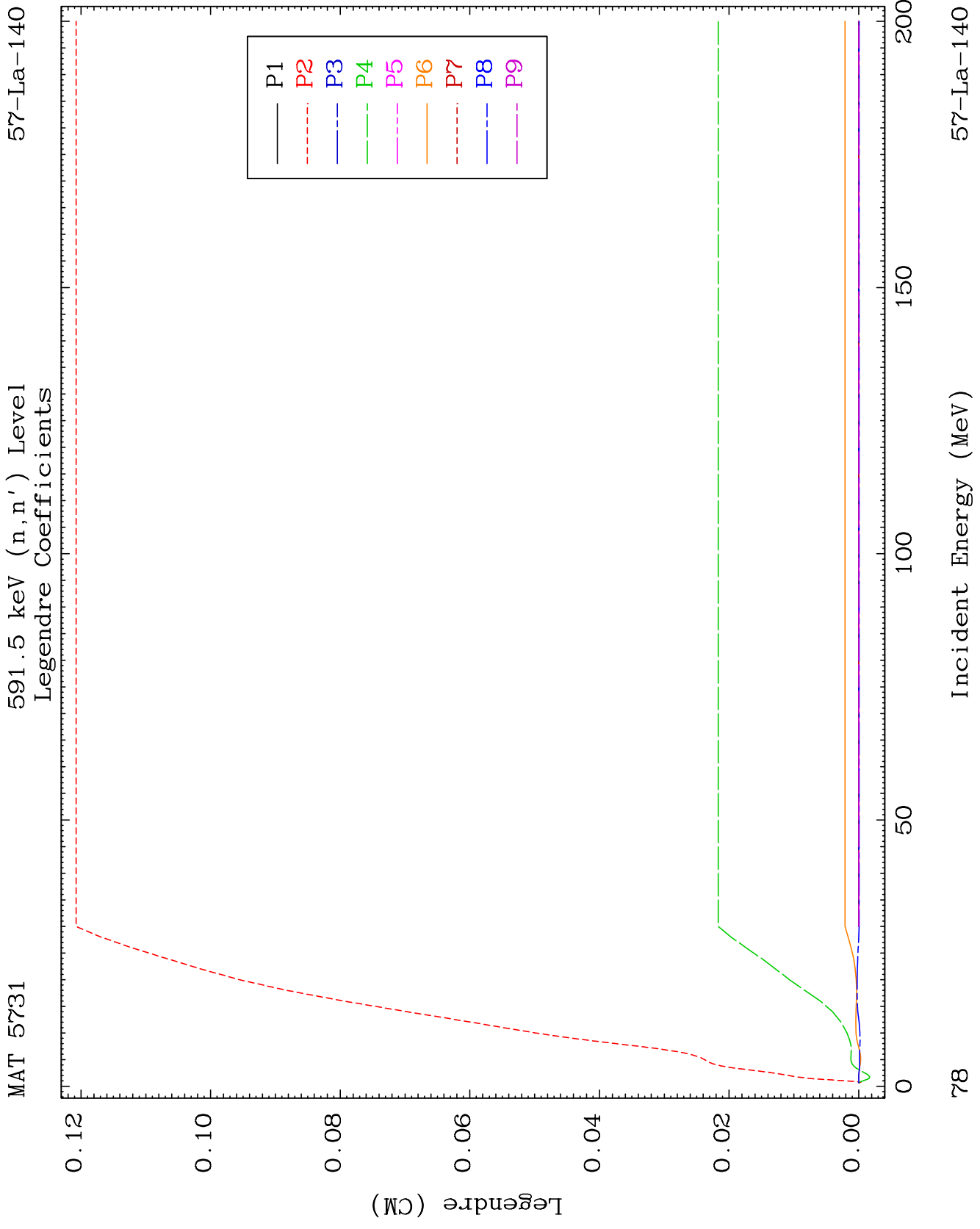


76

Incident Energy (MeV)

57-La-140

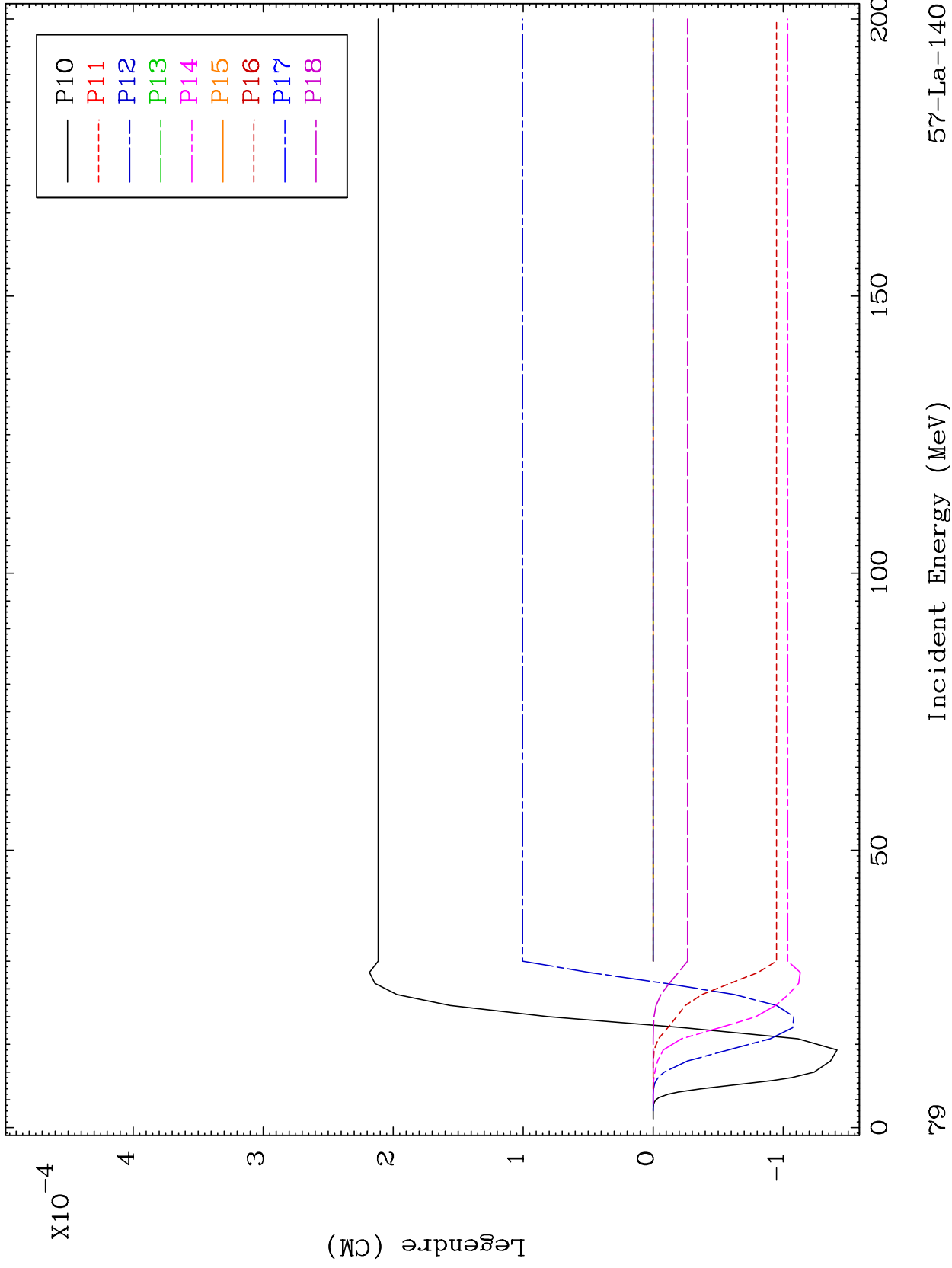




MAT 5731

591.5 keV (n,n') Level  
Legendre Coefficients

57-La-140



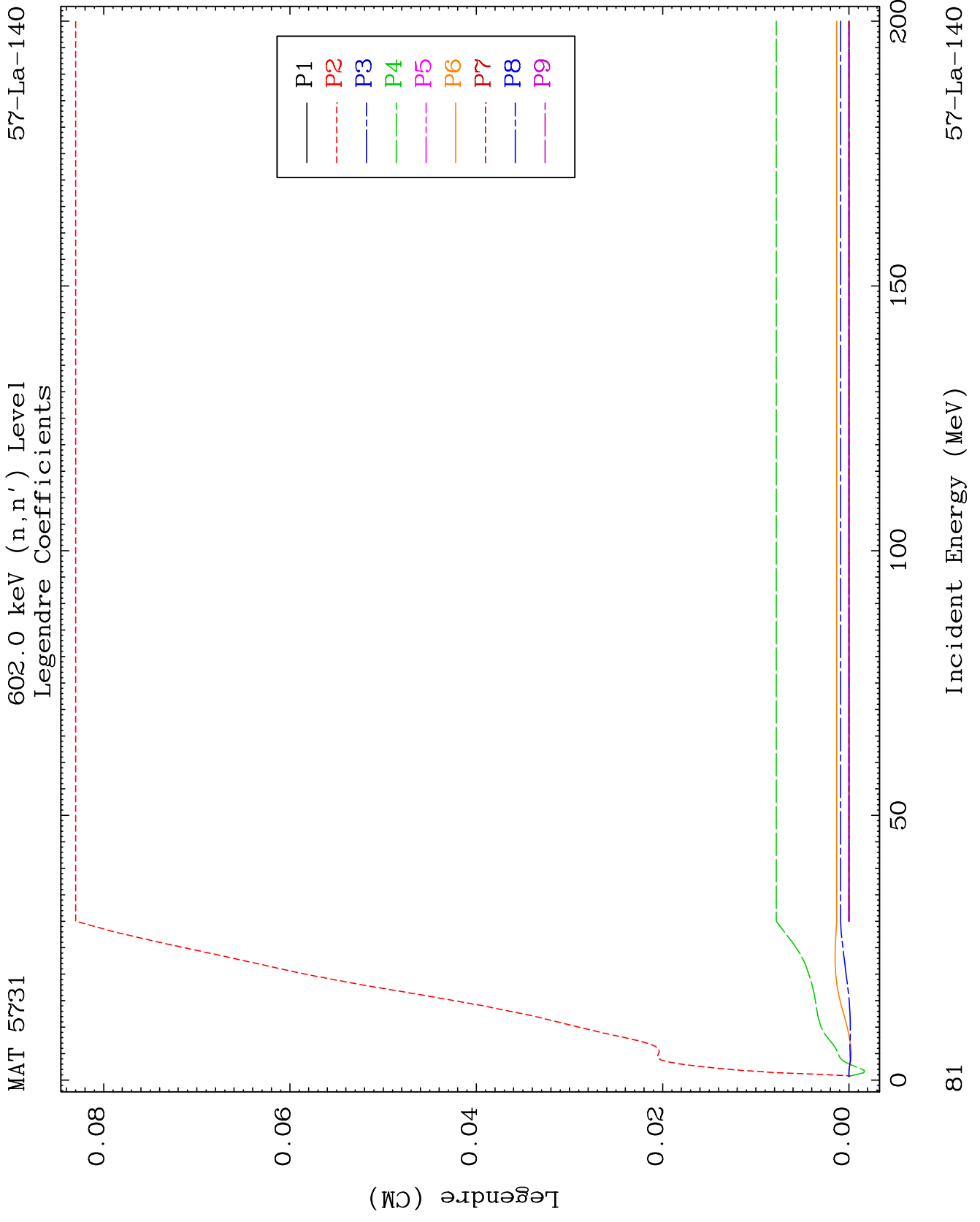
79

Incident Energy (MeV)

57-La-140



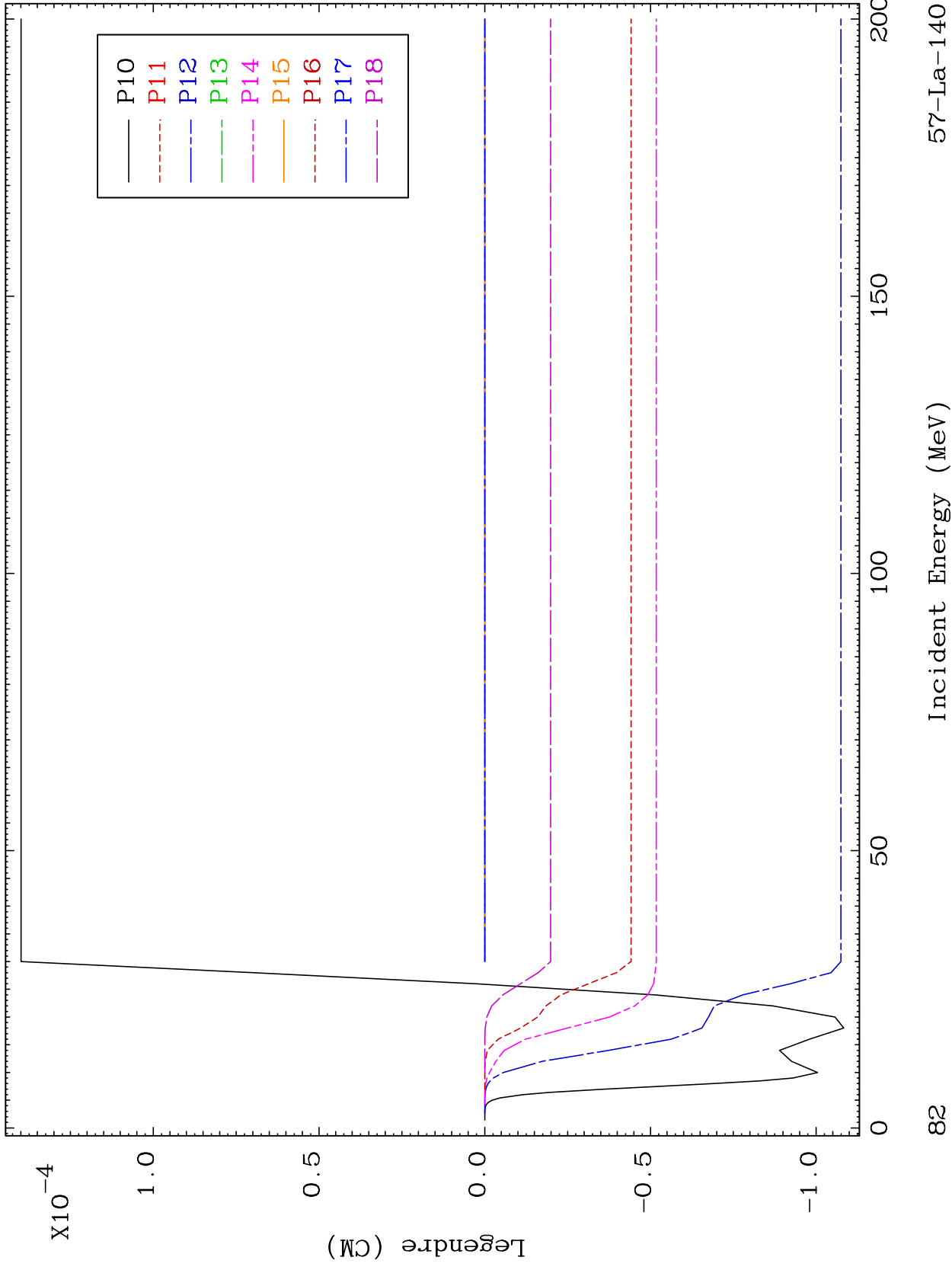




MAT 5731

602.0 keV (n,n') Level  
Legendre Coefficients

57-La-140



82

Incident Energy (MeV)

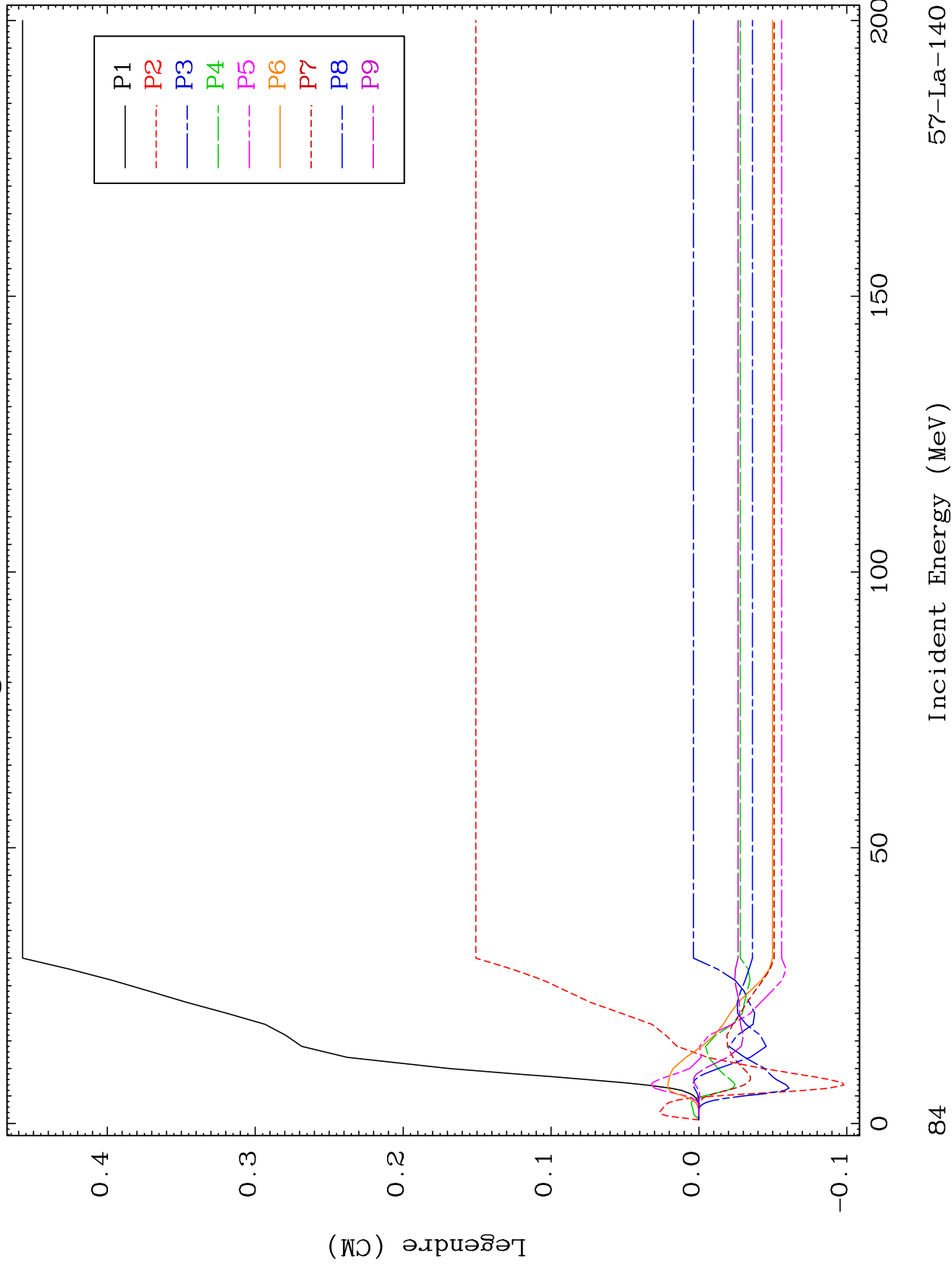
57-La-140



MAT 5731

658.3 keV (n,n') Level  
Legendre Coefficients

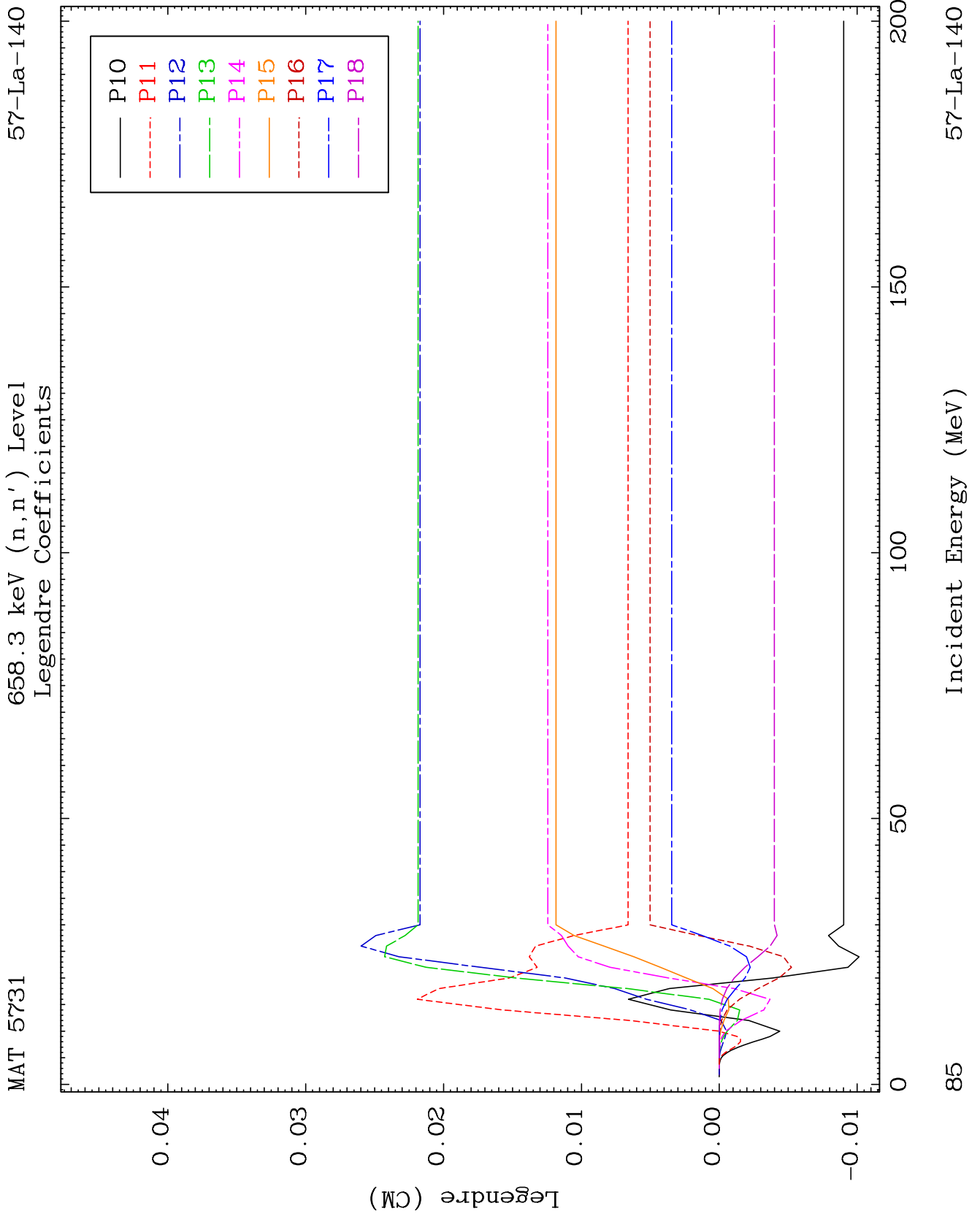
57-La-140

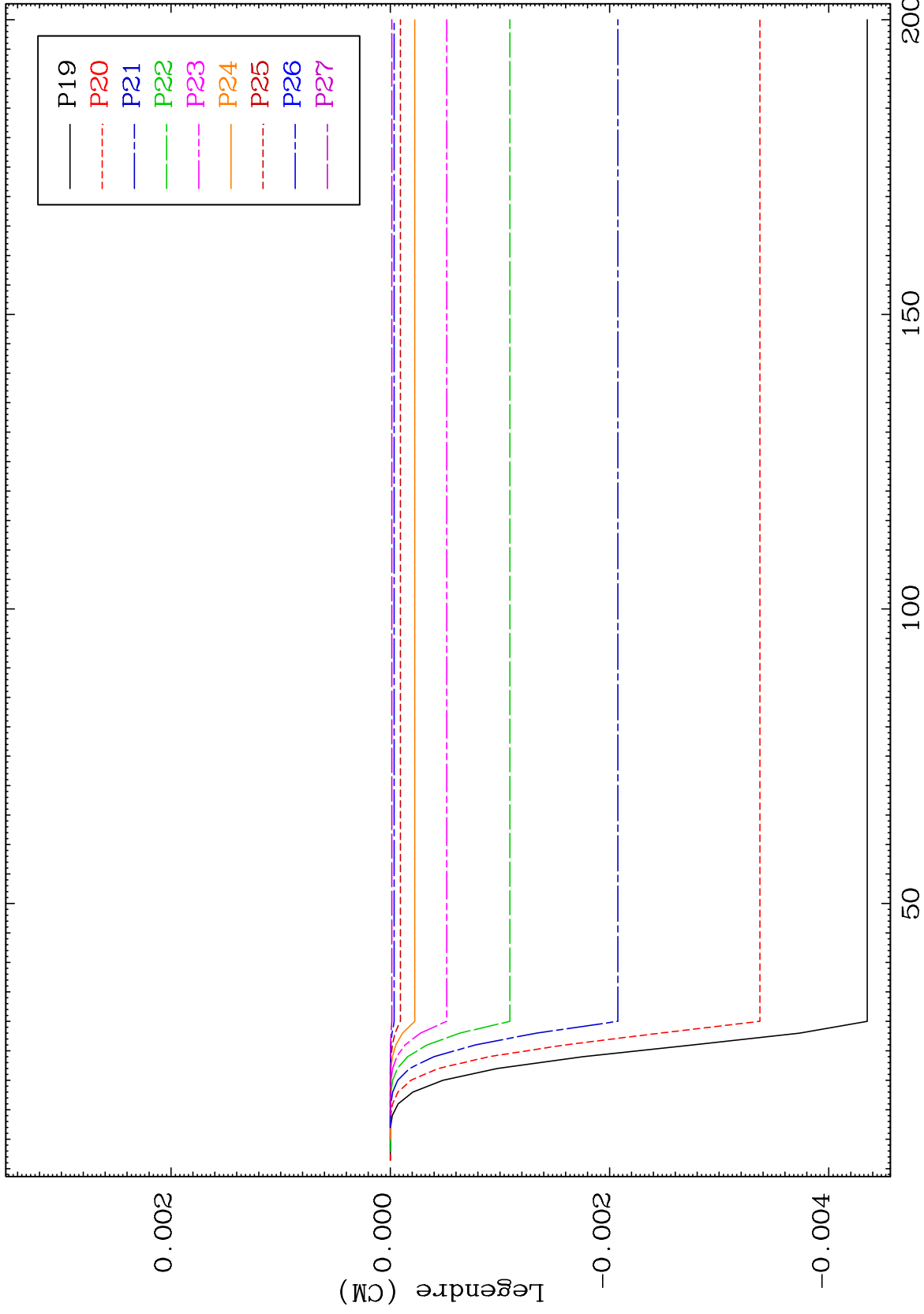


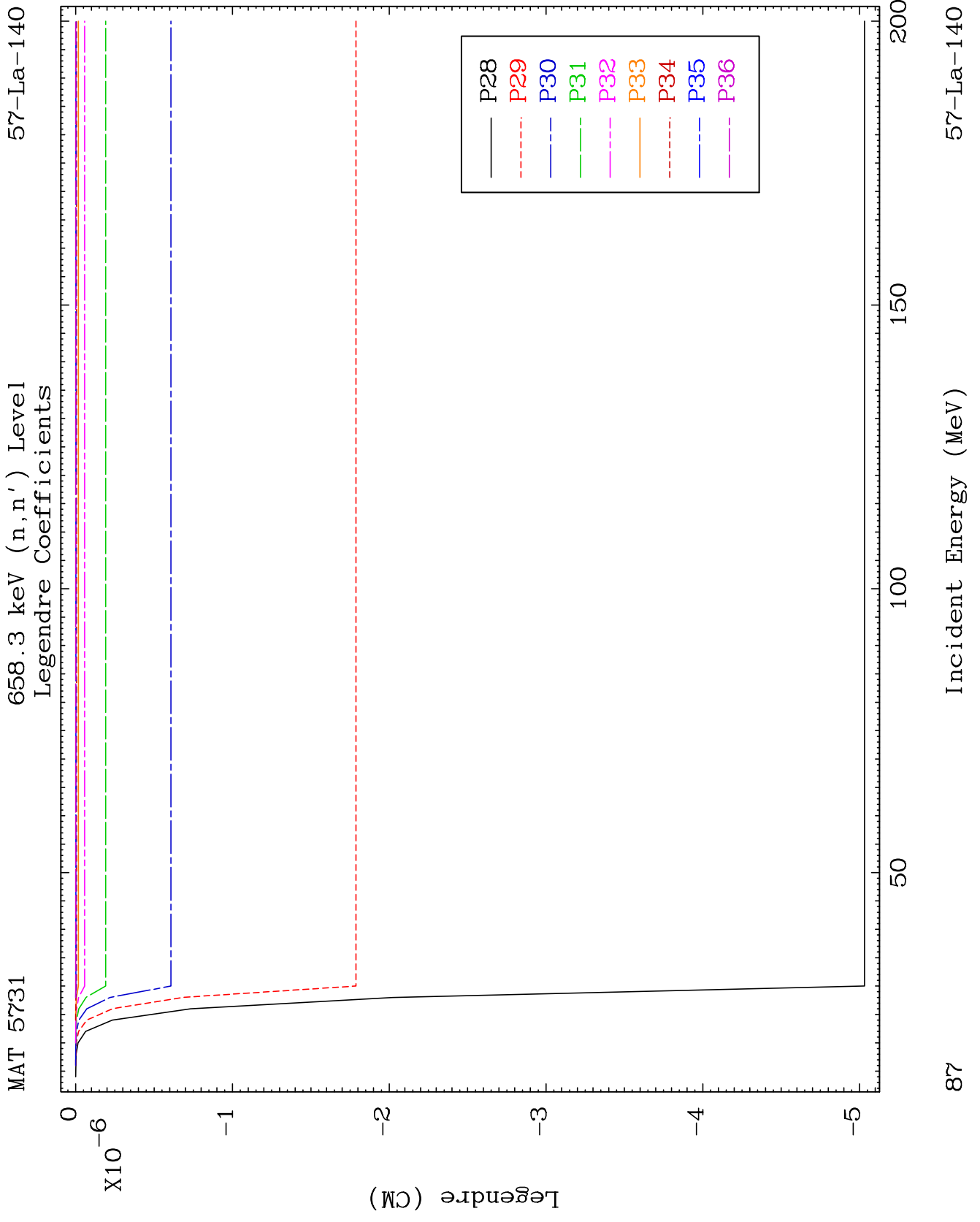
57-La-140

Incident Energy (MeV)

84





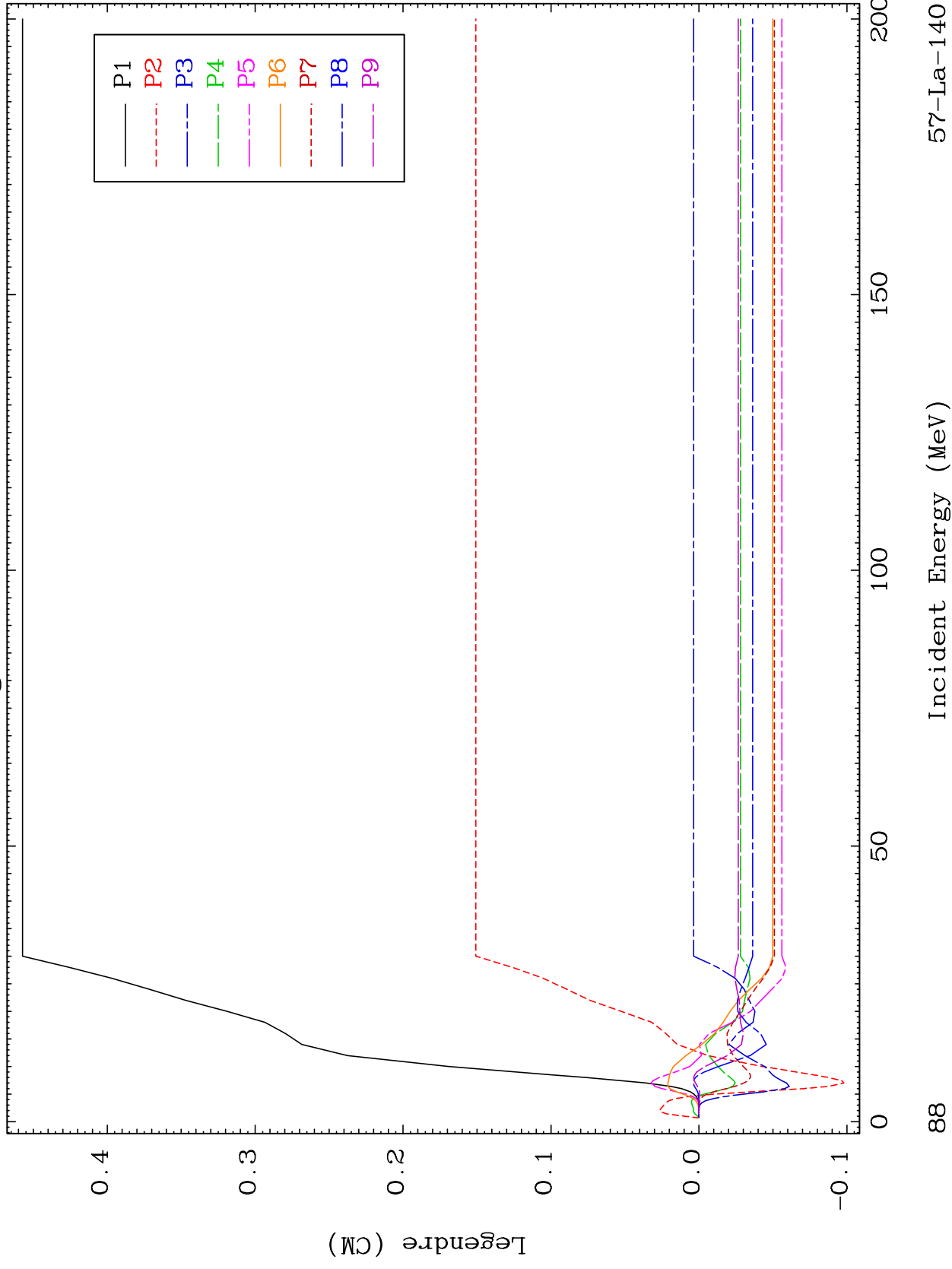




MAT 5731

671.1 keV (n,n') Level  
Legendre Coefficients

57-La-140

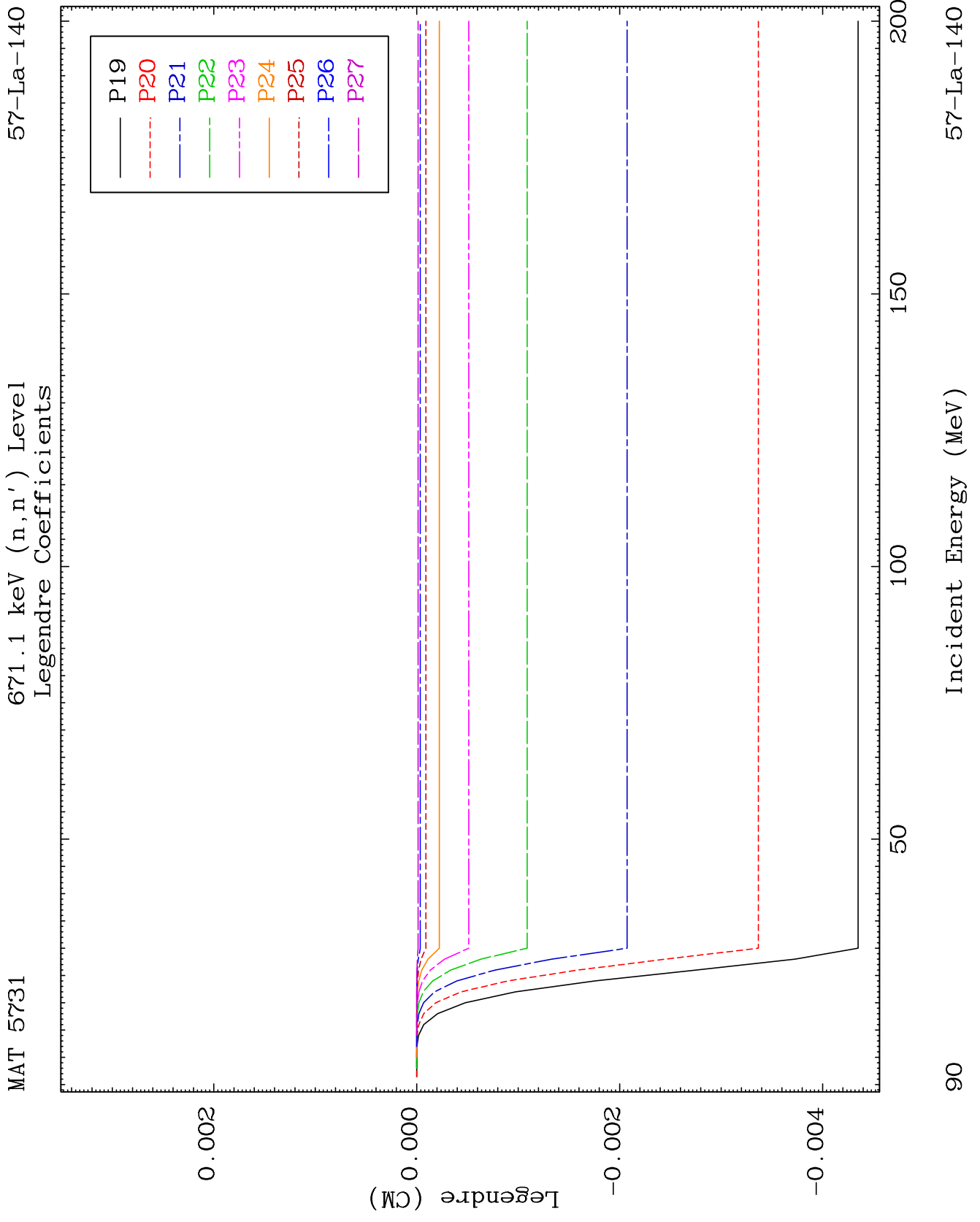


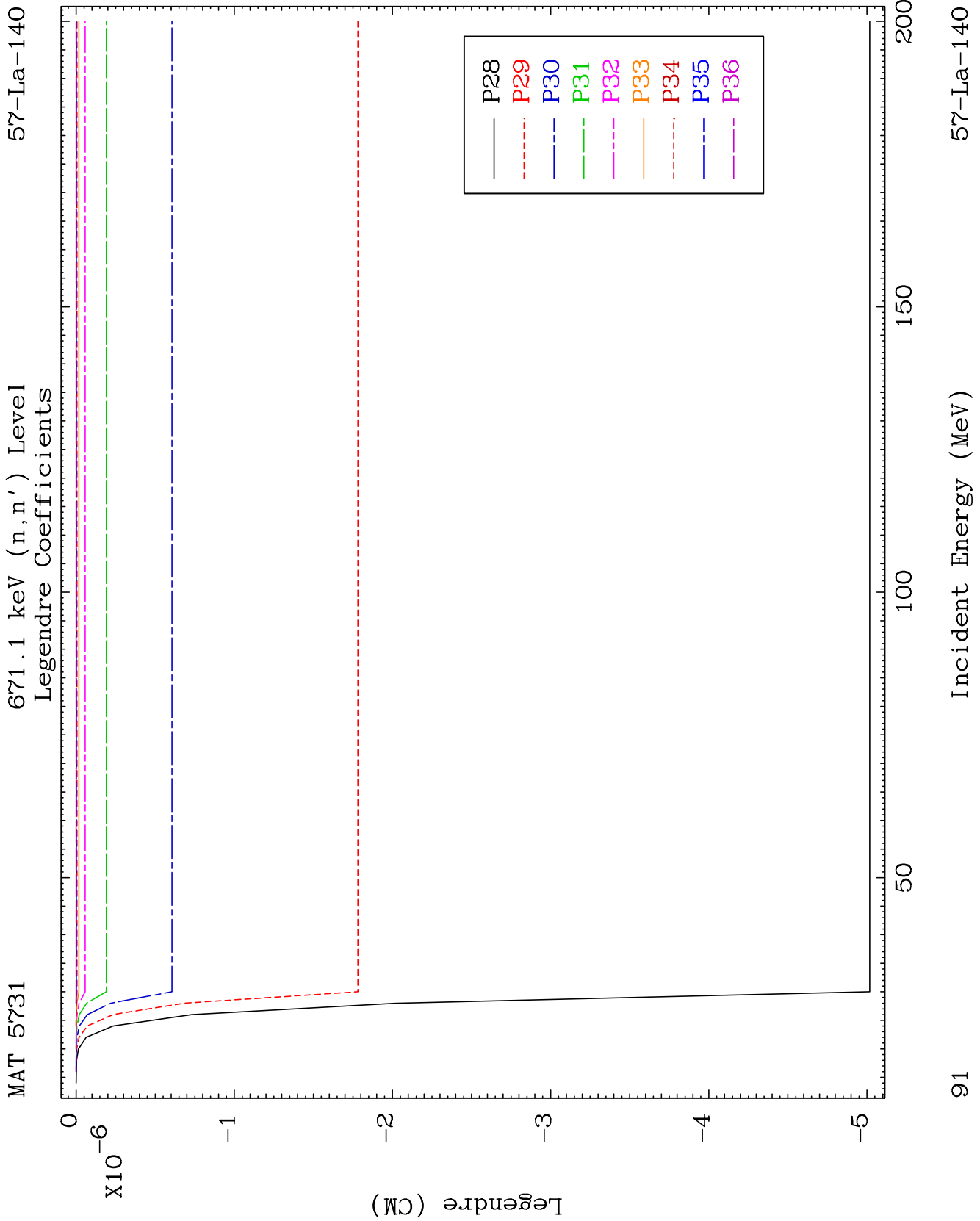
57-La-140

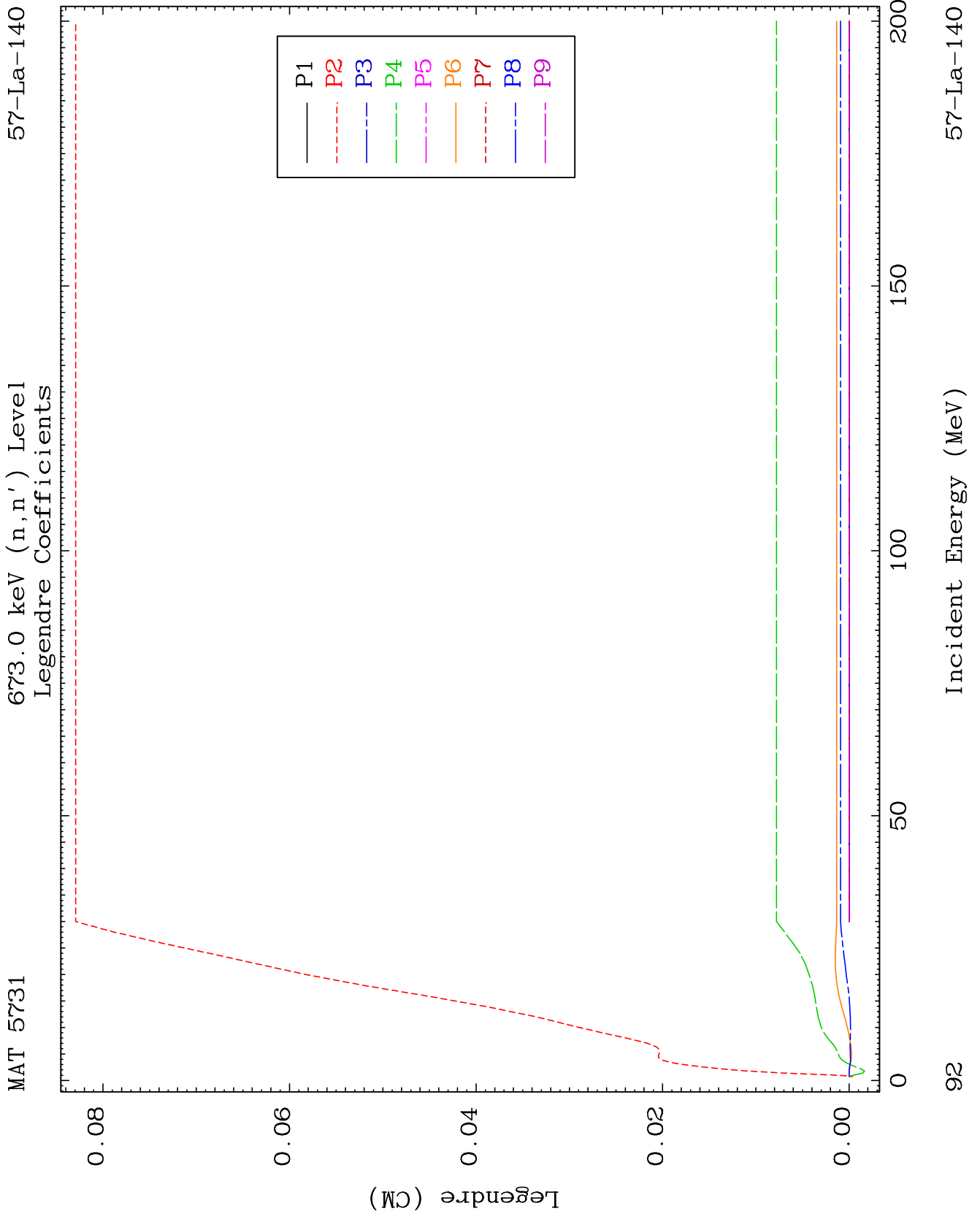
Incident Energy (MeV)

88





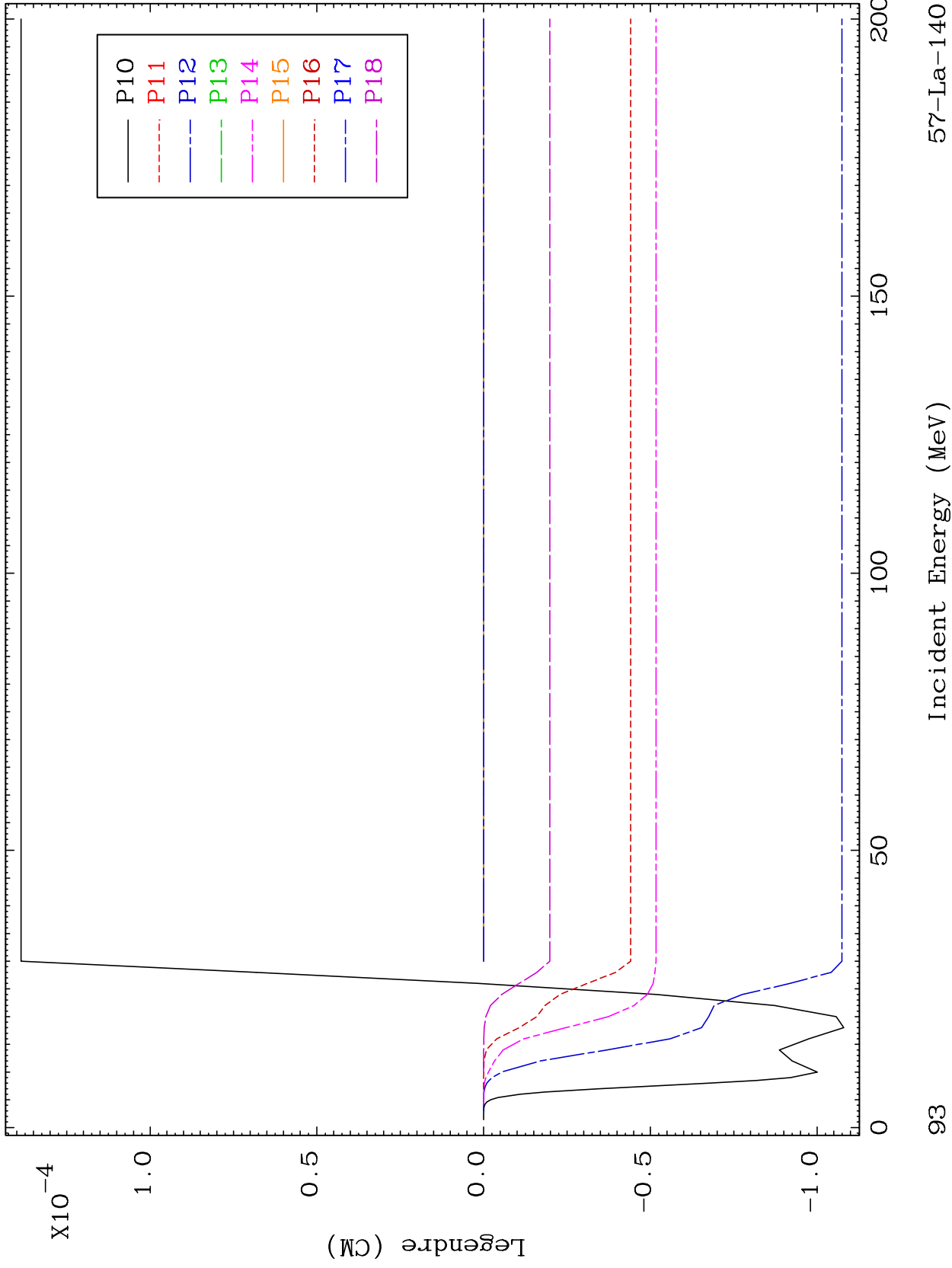


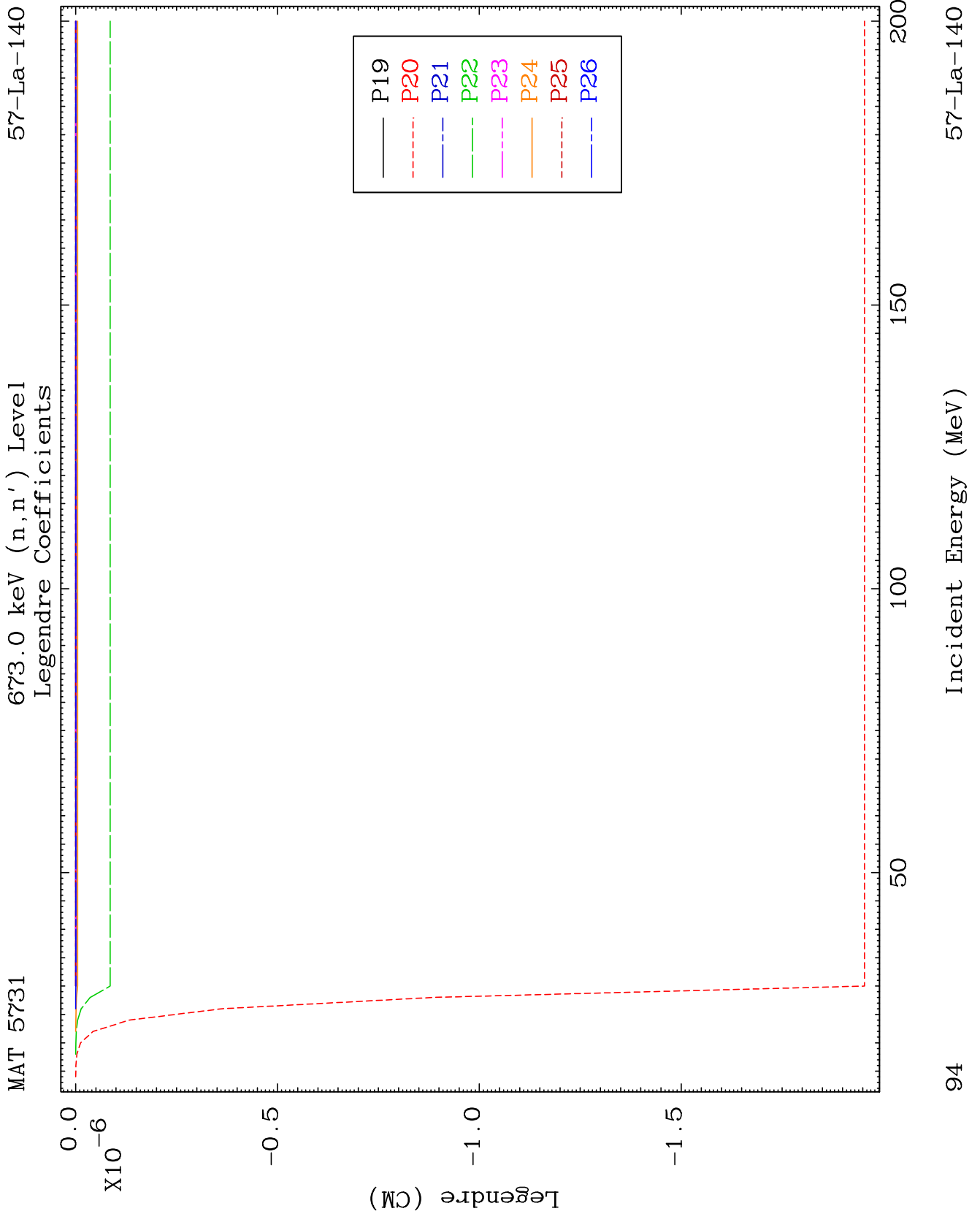


MAT 5731

673.0 keV (n,n') Level  
Legendre Coefficients

57-La-140

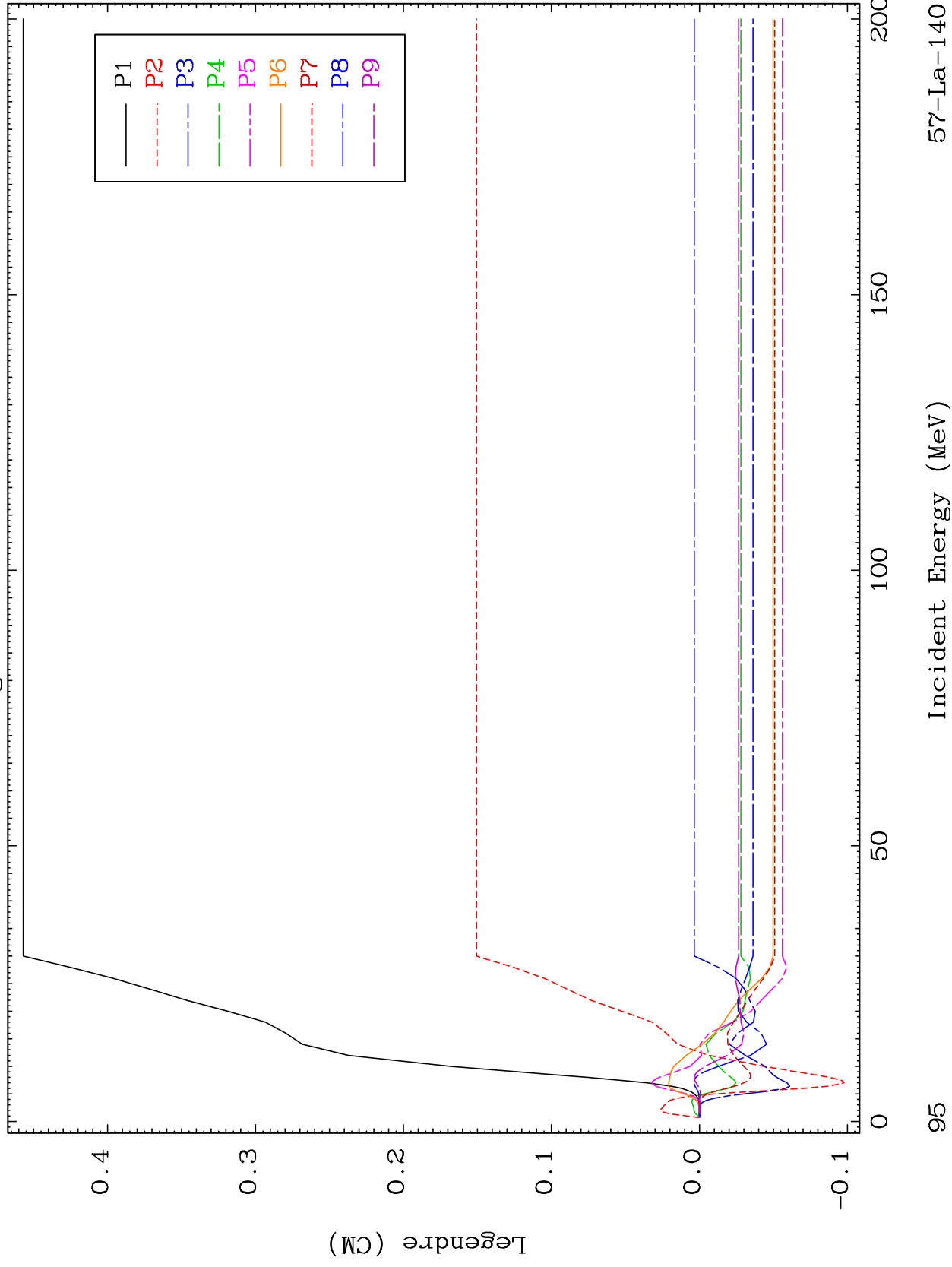




MAT 5731

711.7 keV (n,n') Level  
Legendre Coefficients

57-La-140



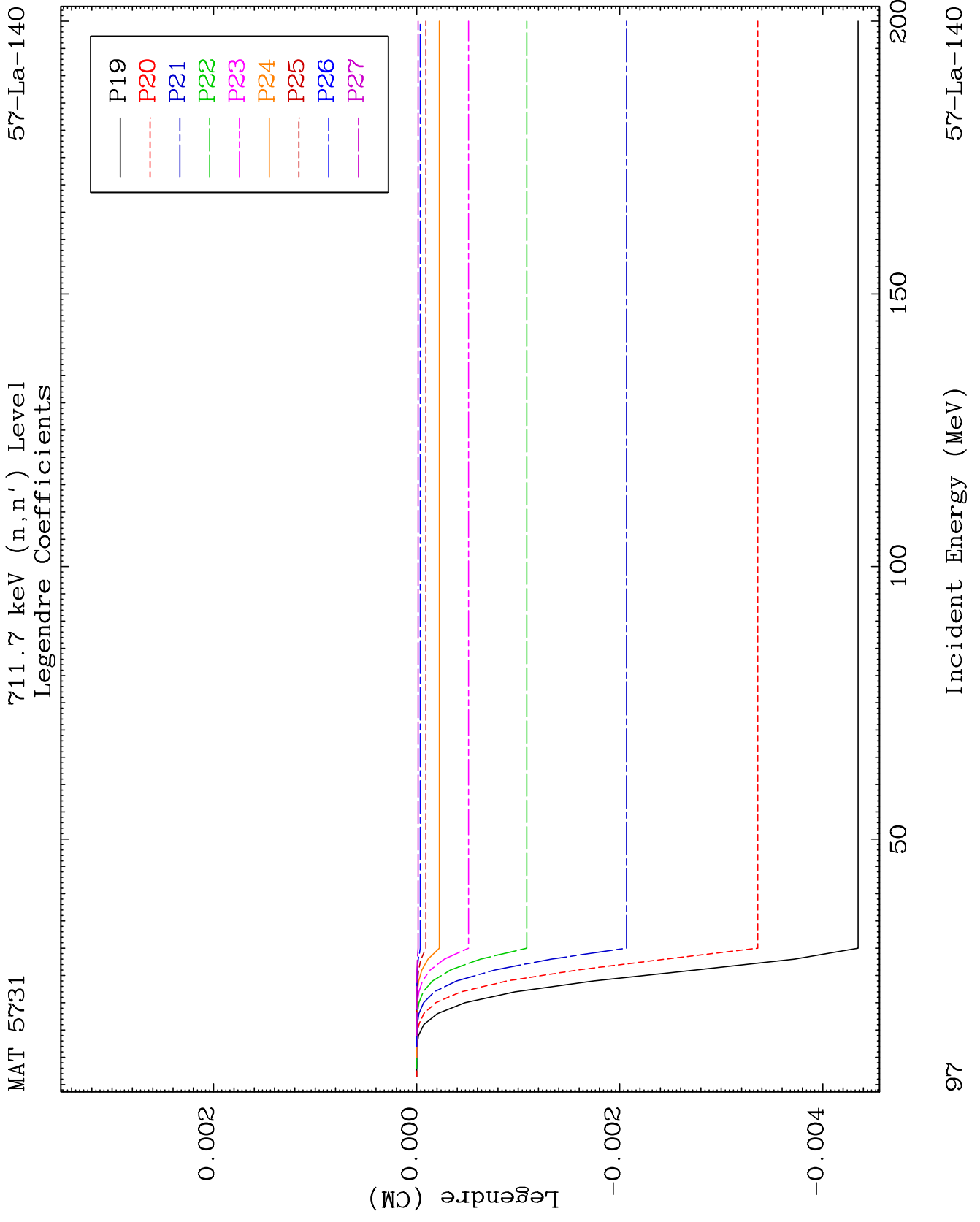
57-La-140

Incident Energy (MeV)

95







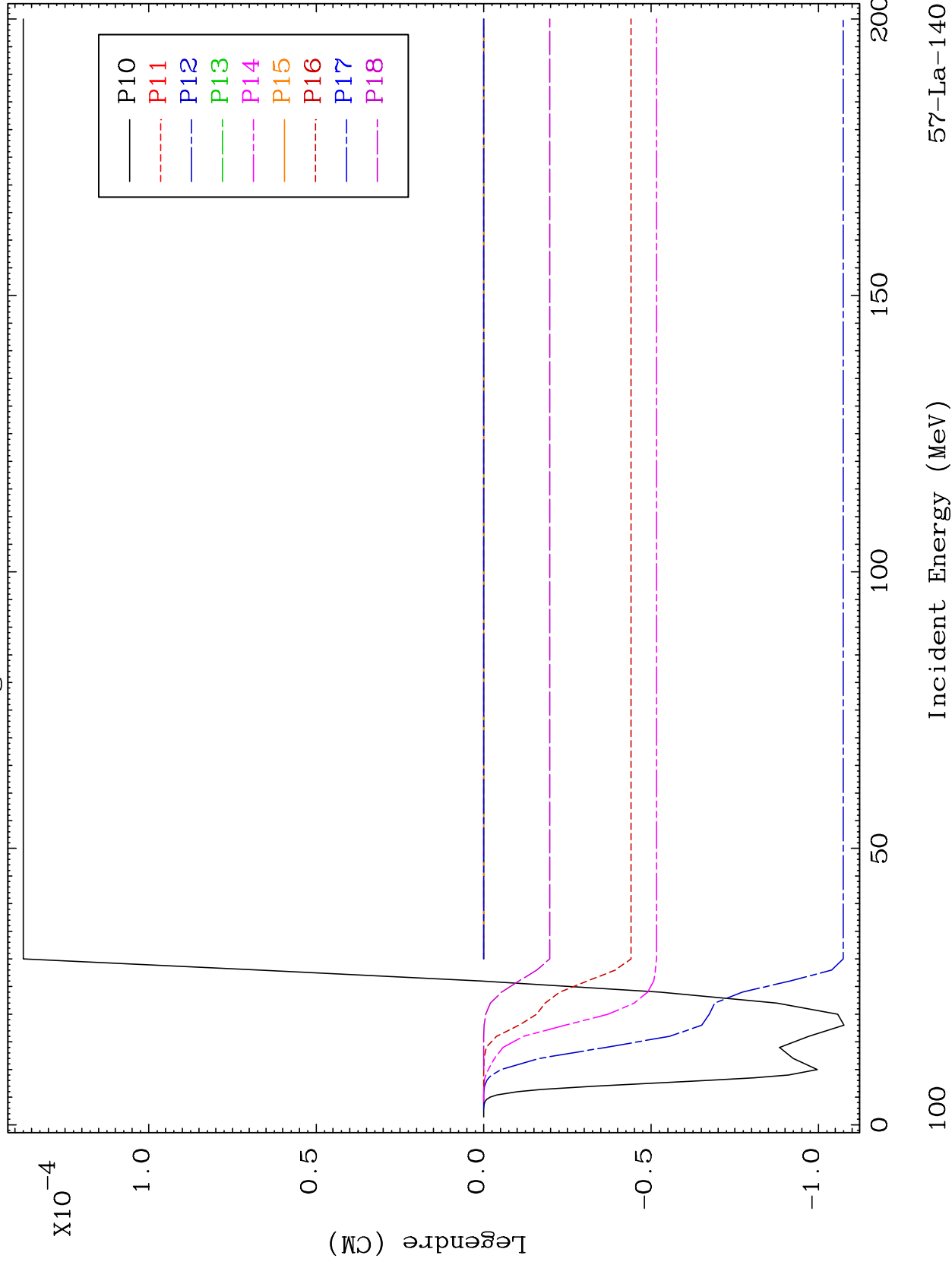




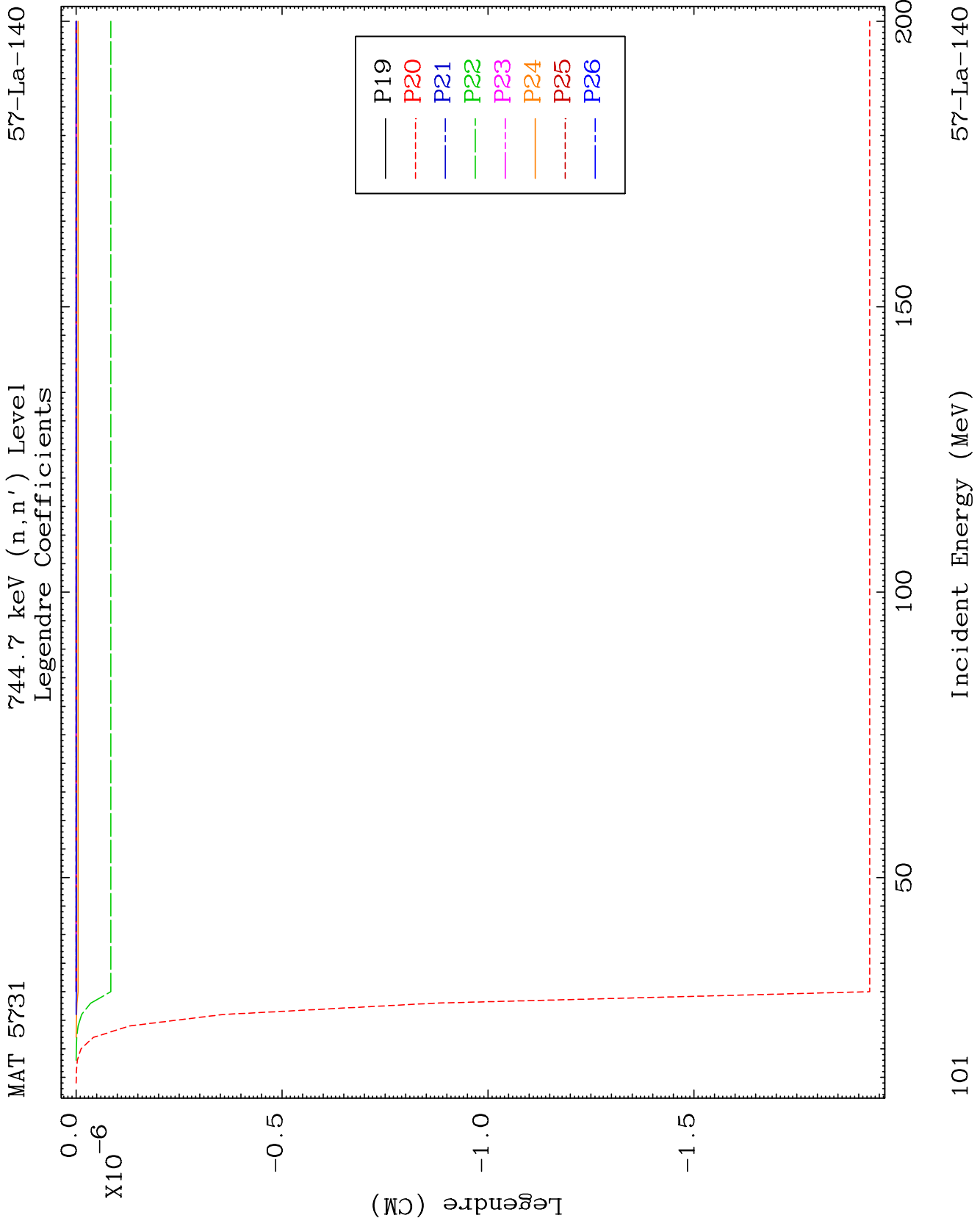
MAT 5731

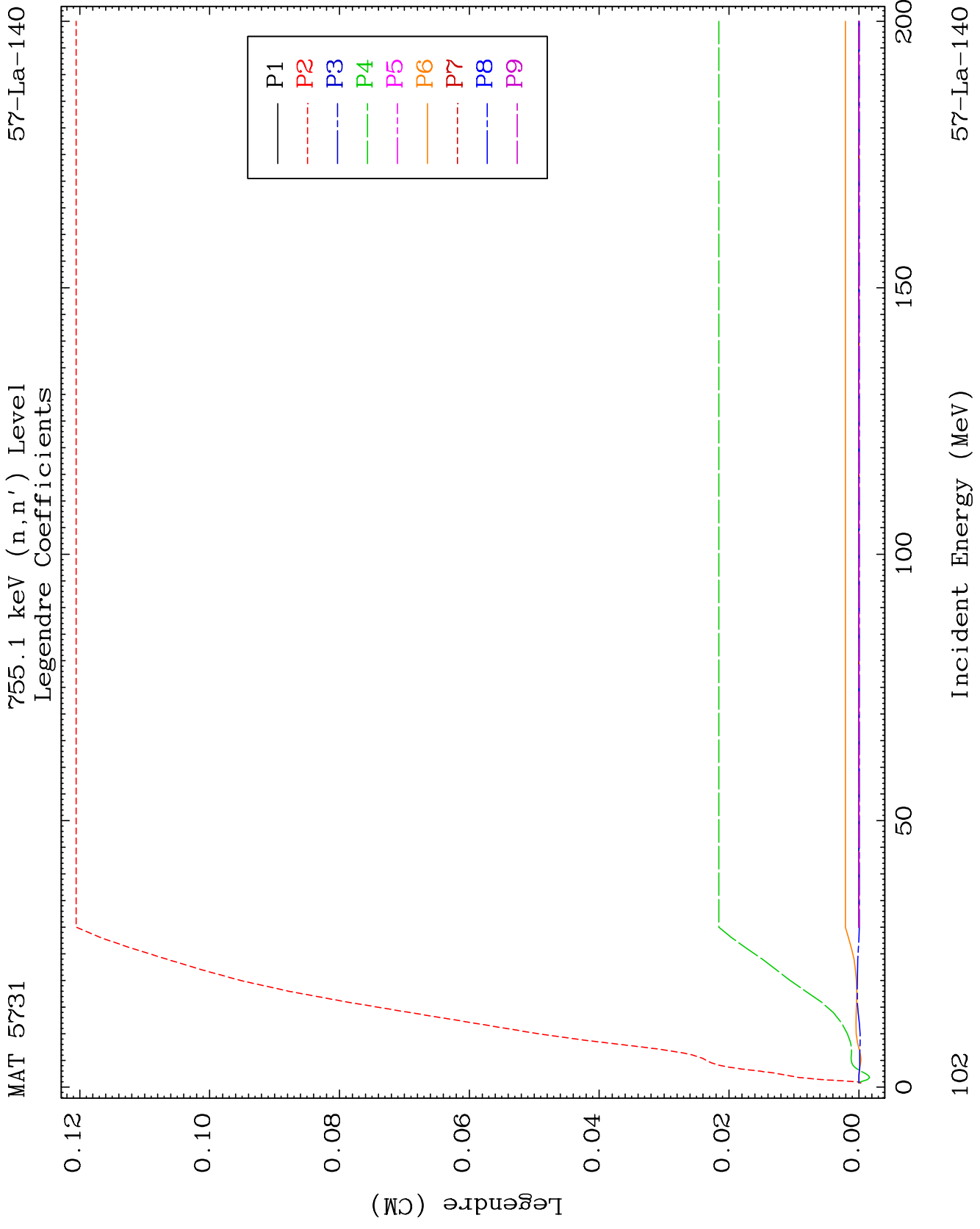
744.7 keV (n,n') Level  
Legendre Coefficients

57-La-140



57-La-140

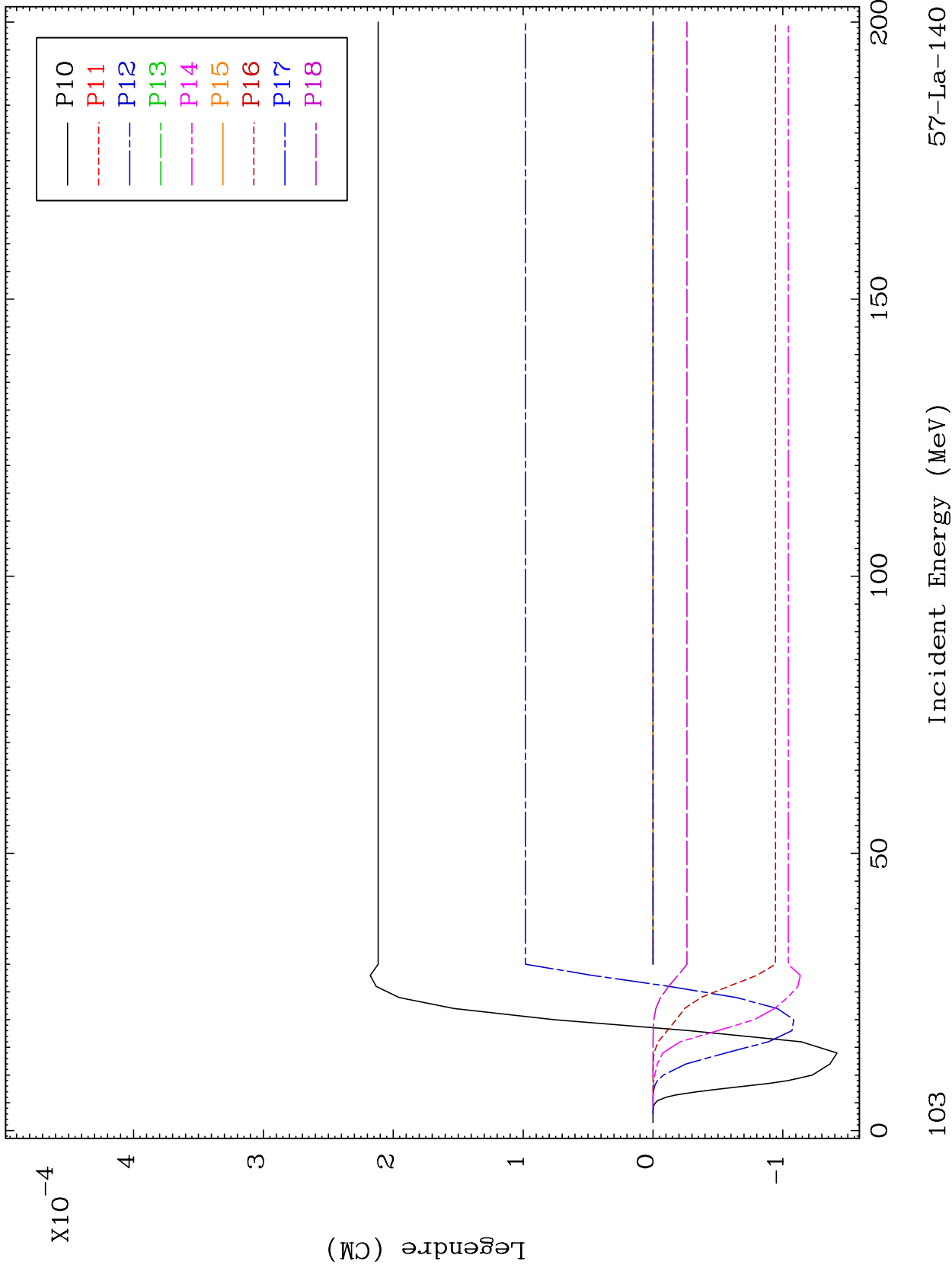




MAT 5731

755.1 keV (n,n') Level  
Legendre Coefficients

57-La-140

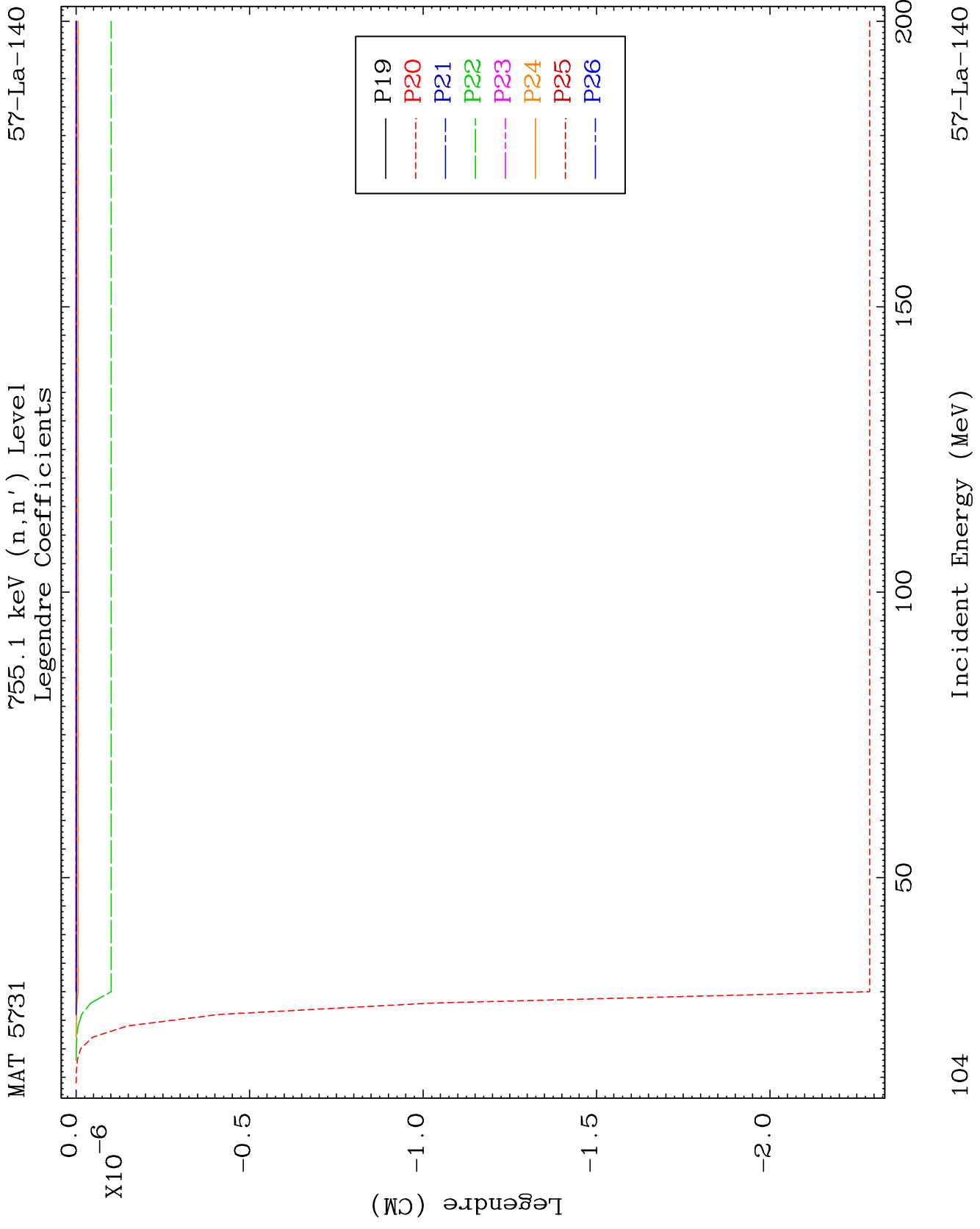


103

Incident Energy (MeV)

57-La-140



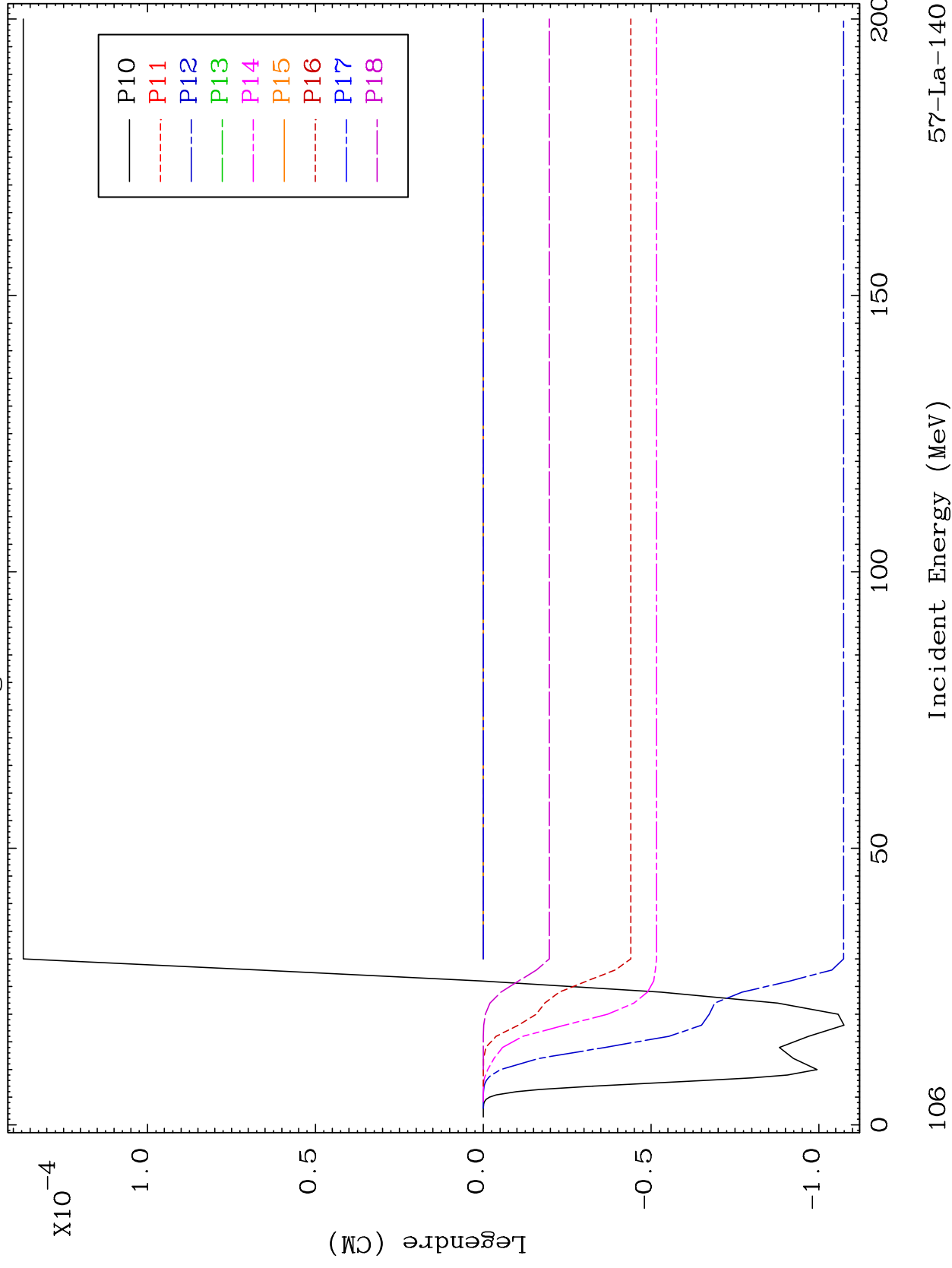




MAT 5731

771.4 keV (n,n') Level  
Legendre Coefficients

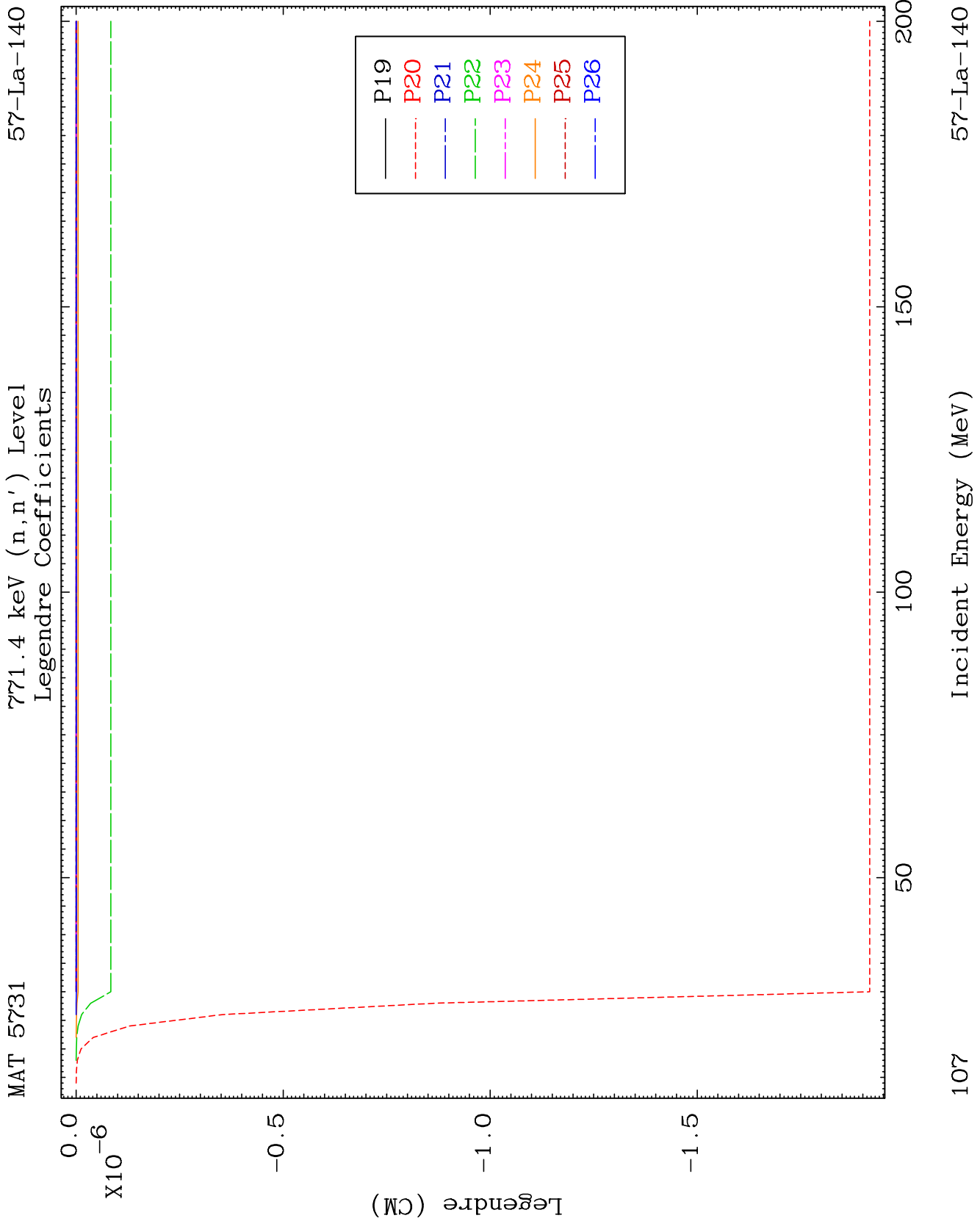
57-La-140

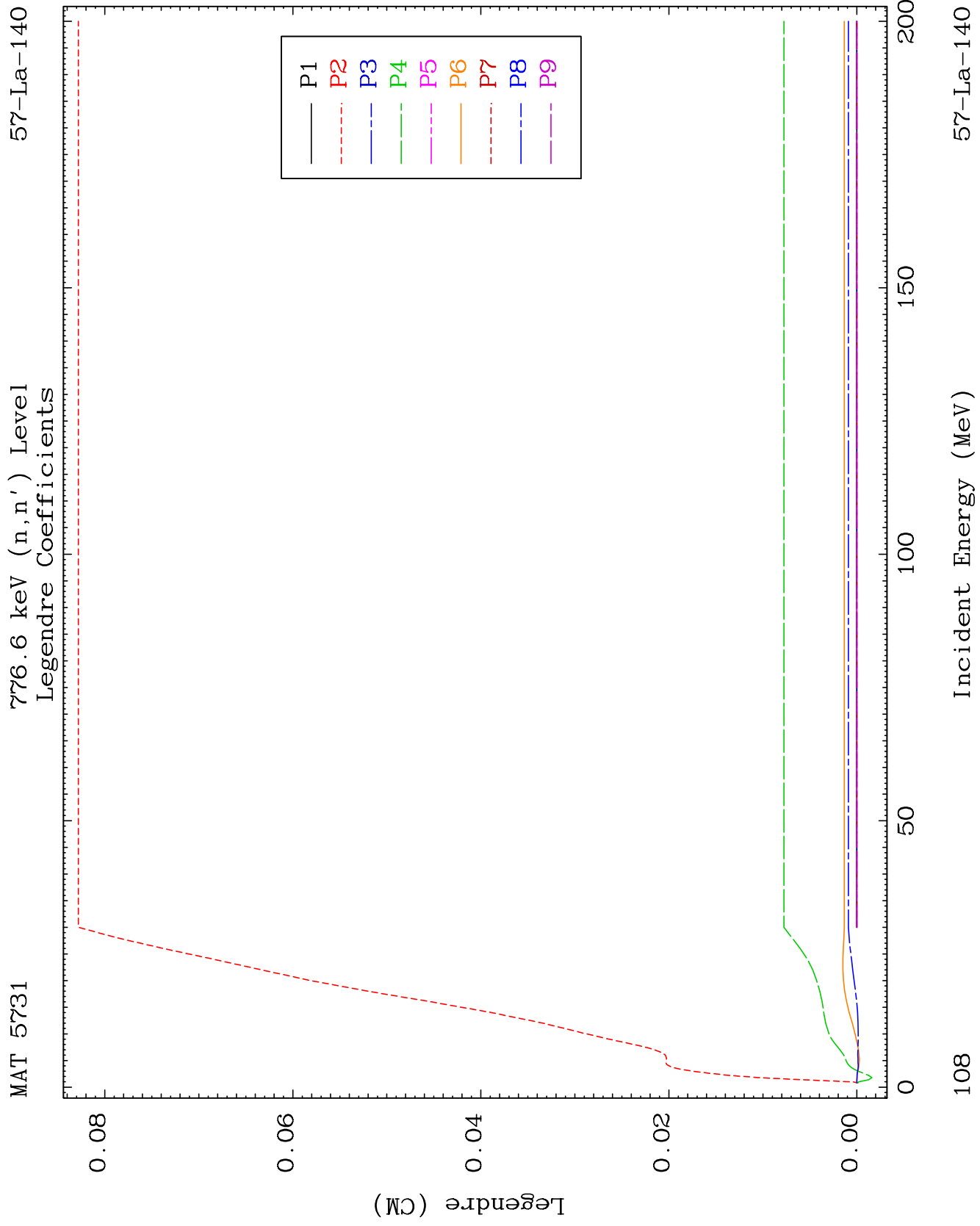


57-La-140

Incident Energy (MeV)

106

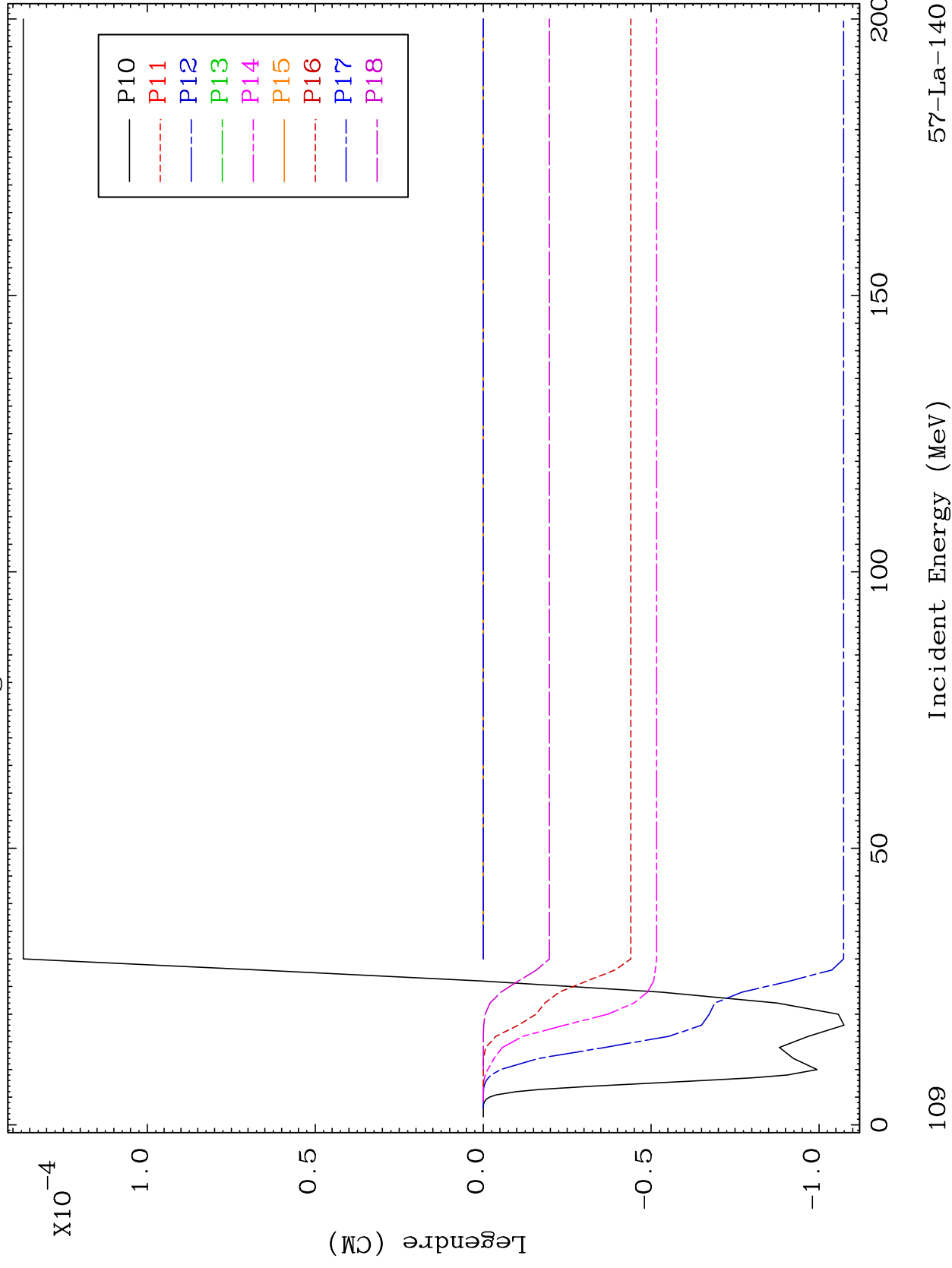




MAT 5731

776.6 keV (n,n') Level  
Legendre Coefficients

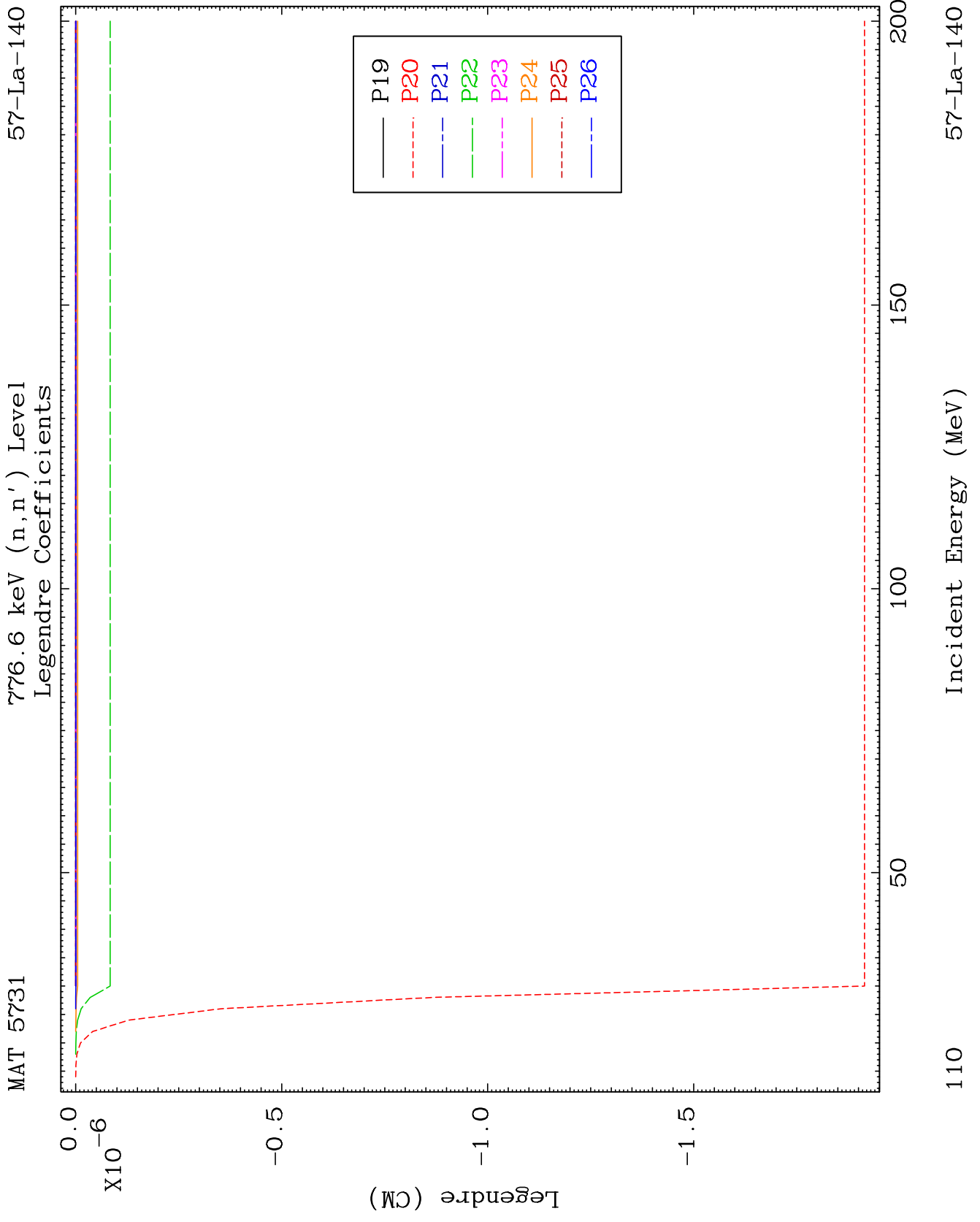
57-La-140



57-La-140

Incident Energy (MeV)

109



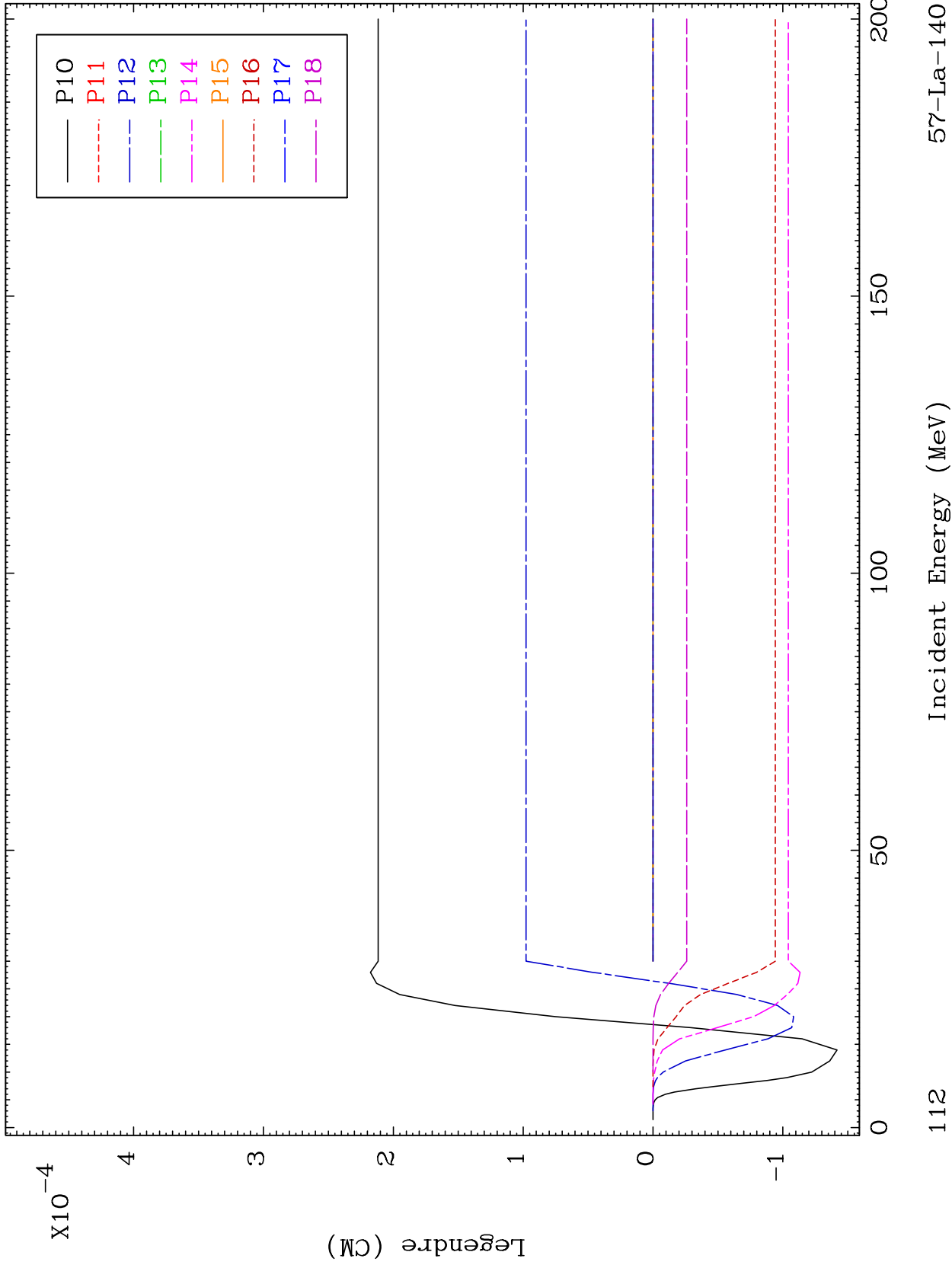




MAT 5731

796.3 keV (n,n') Level  
Legendre Coefficients

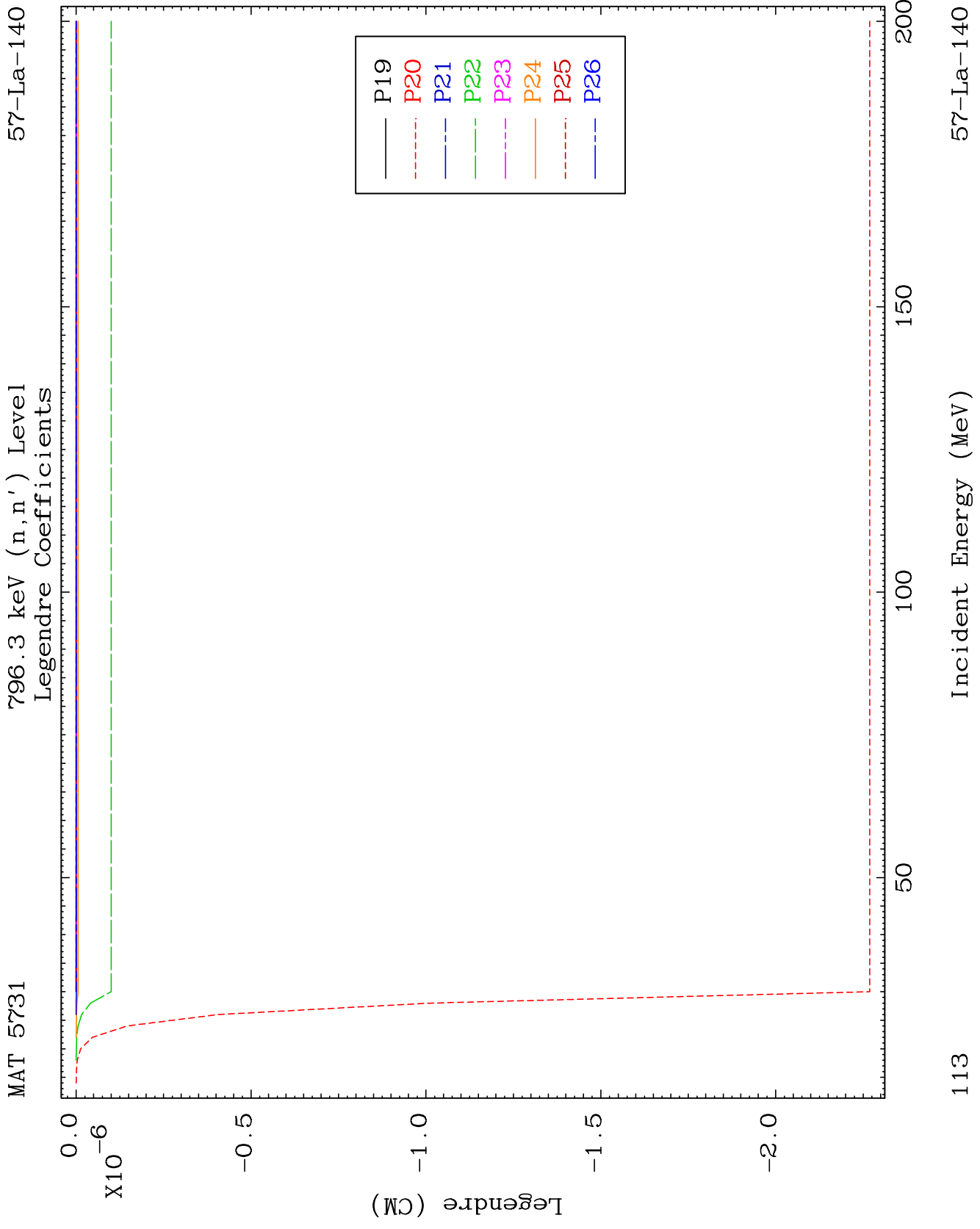
57-La-140



57-La-140

Incident Energy (MeV)

112

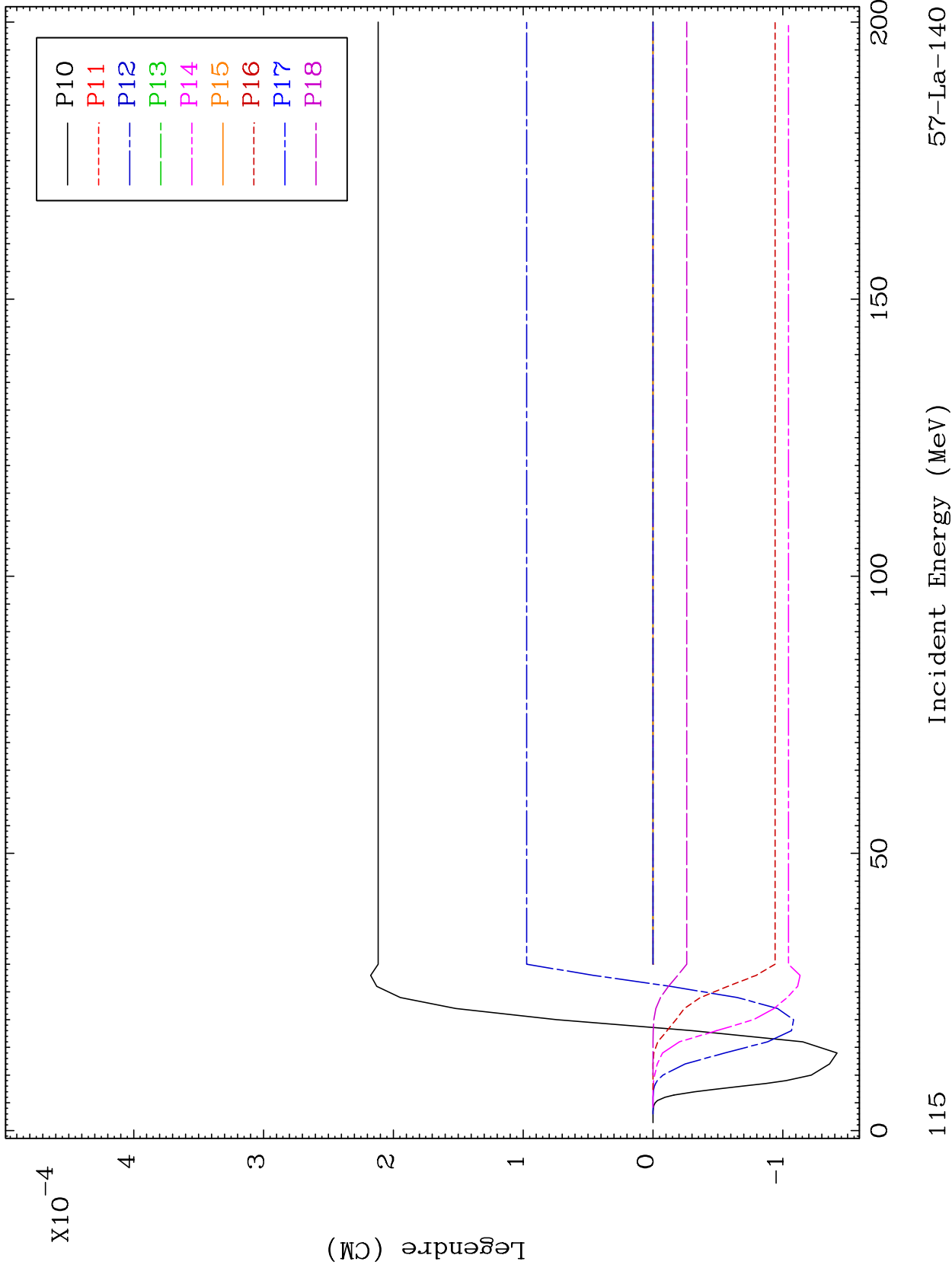




MAT 5731

831.2 keV (n,n') Level  
Legendre Coefficients

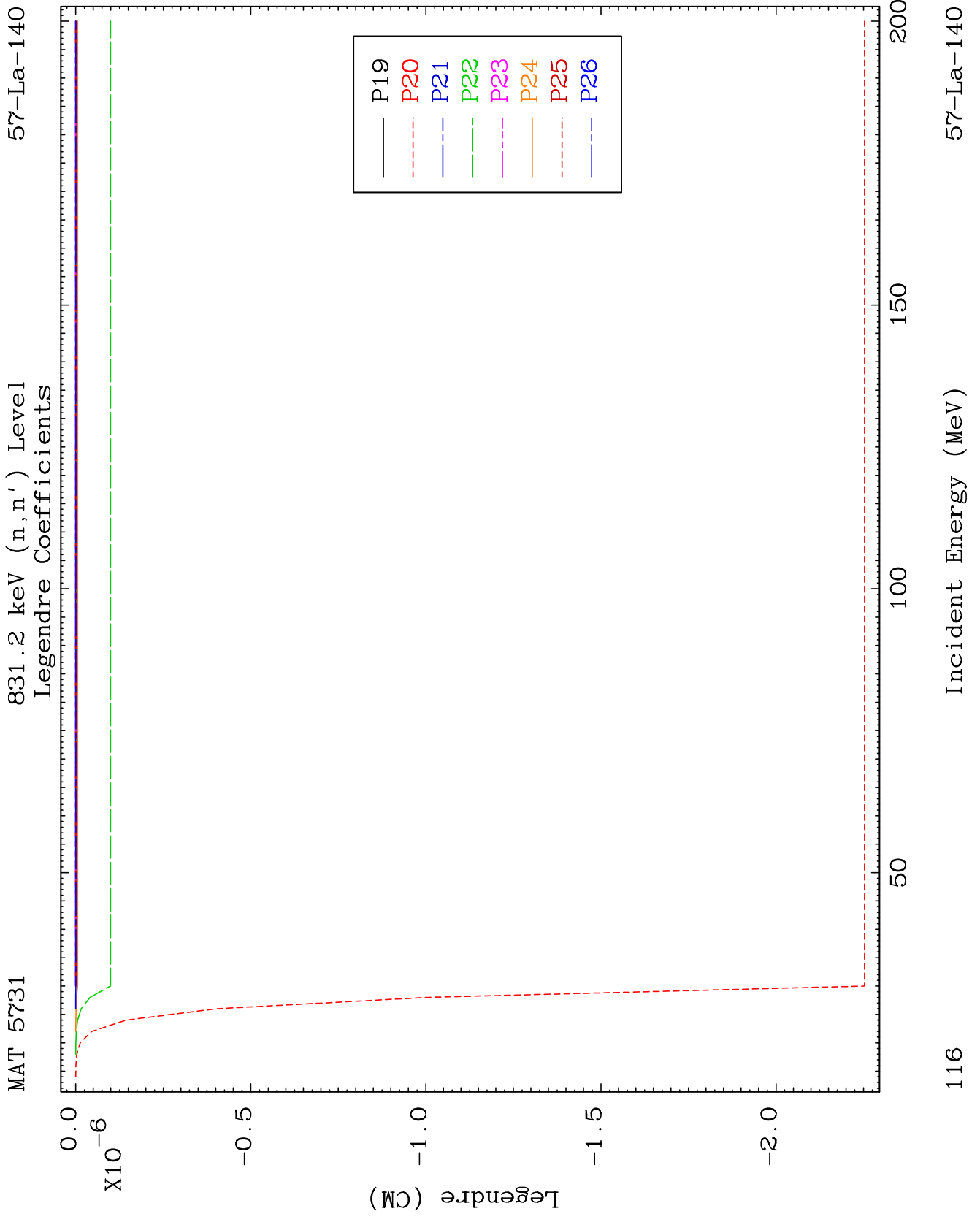
57-La-140

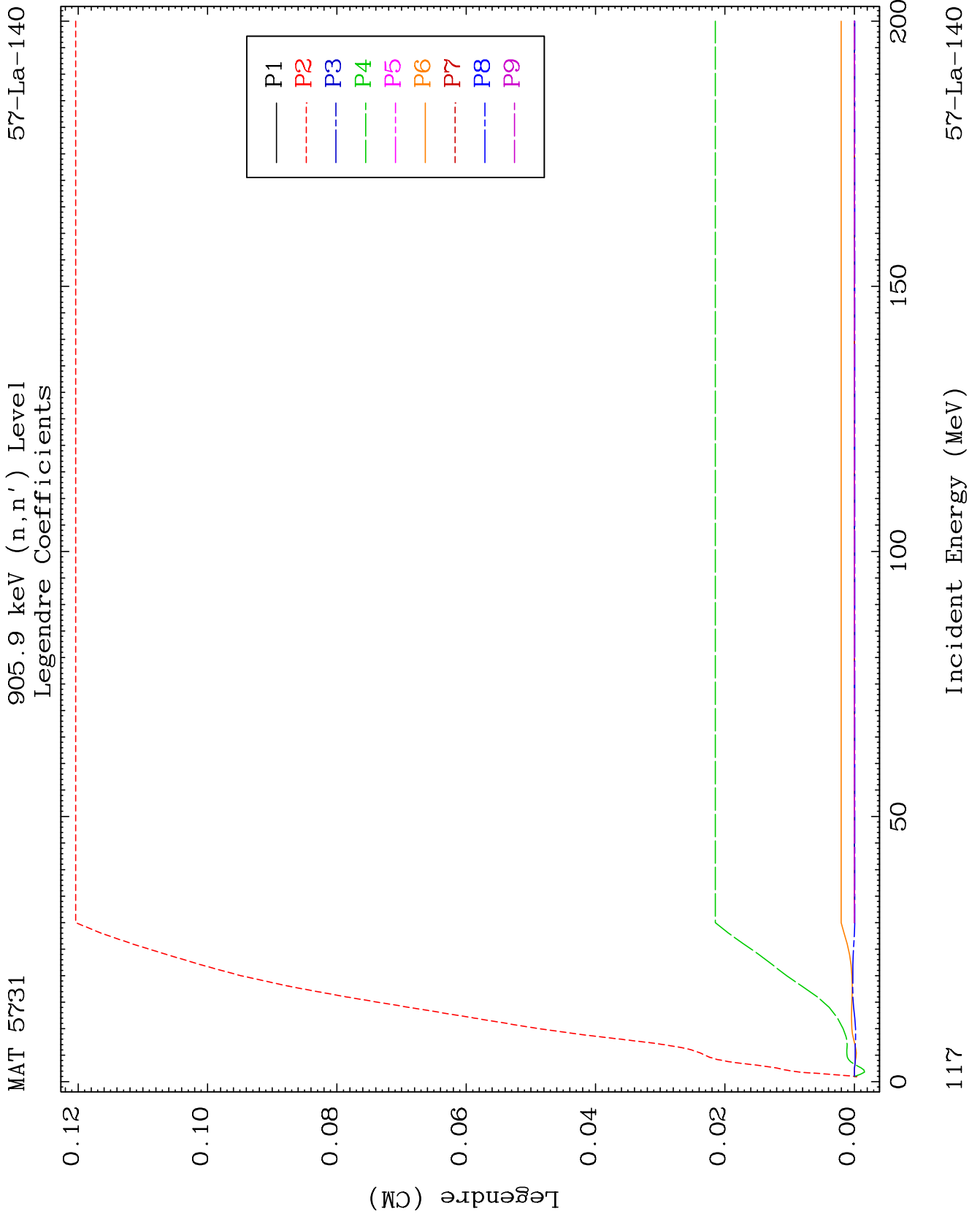


57-La-140

Incident Energy (MeV)

115

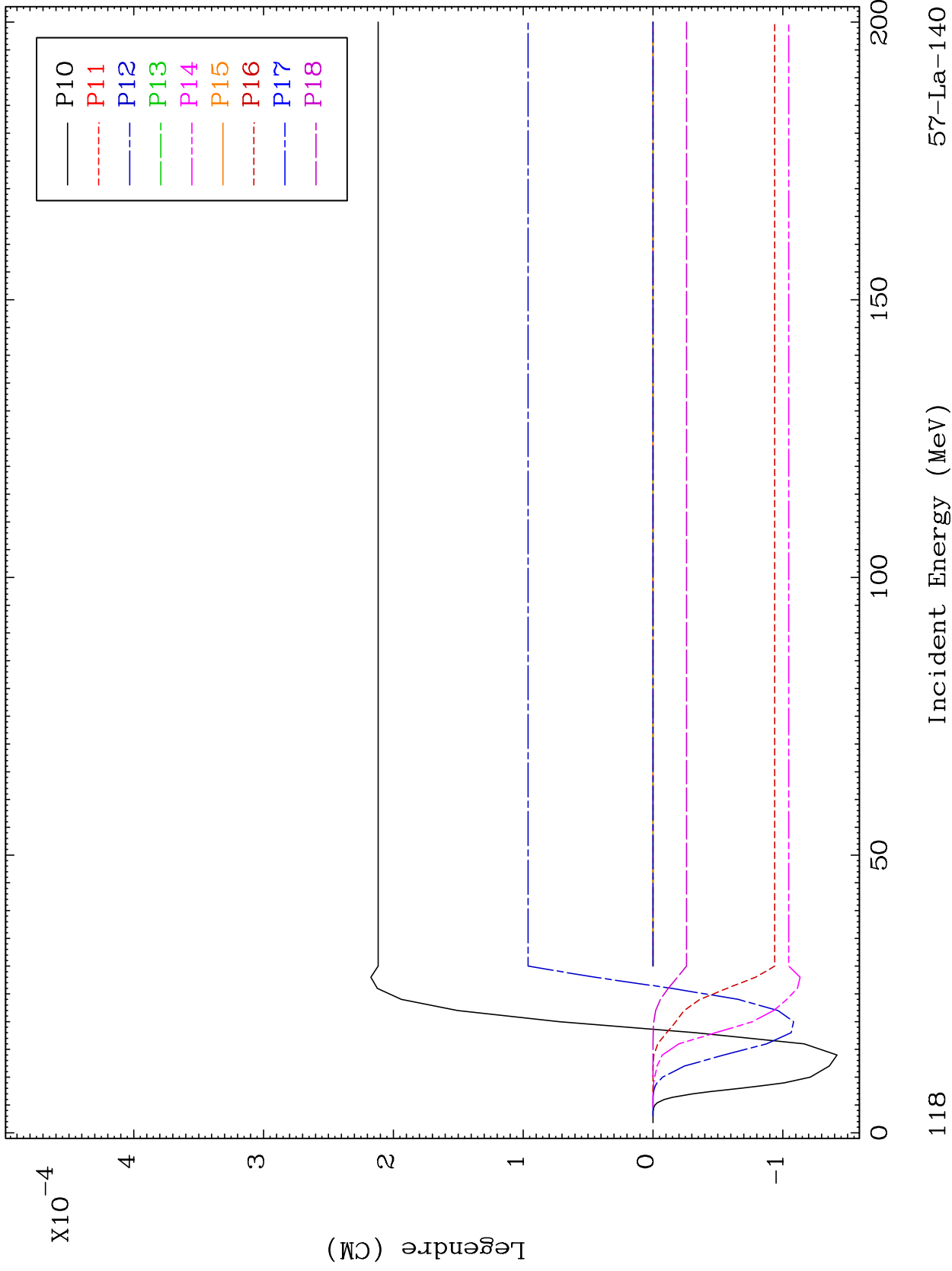


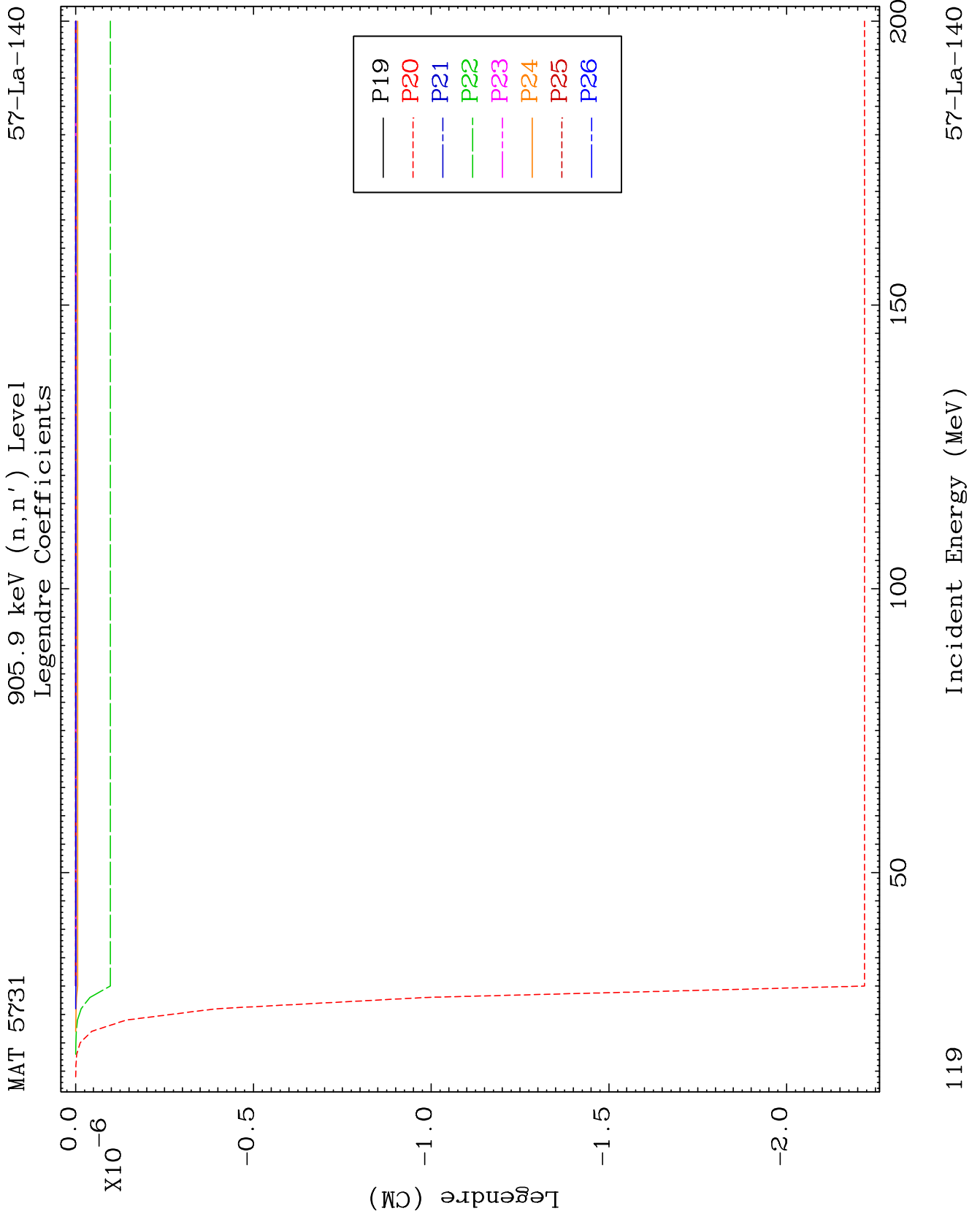


MAT 5731

905.9 keV (n,n') Level  
Legendre Coefficients

57-La-140



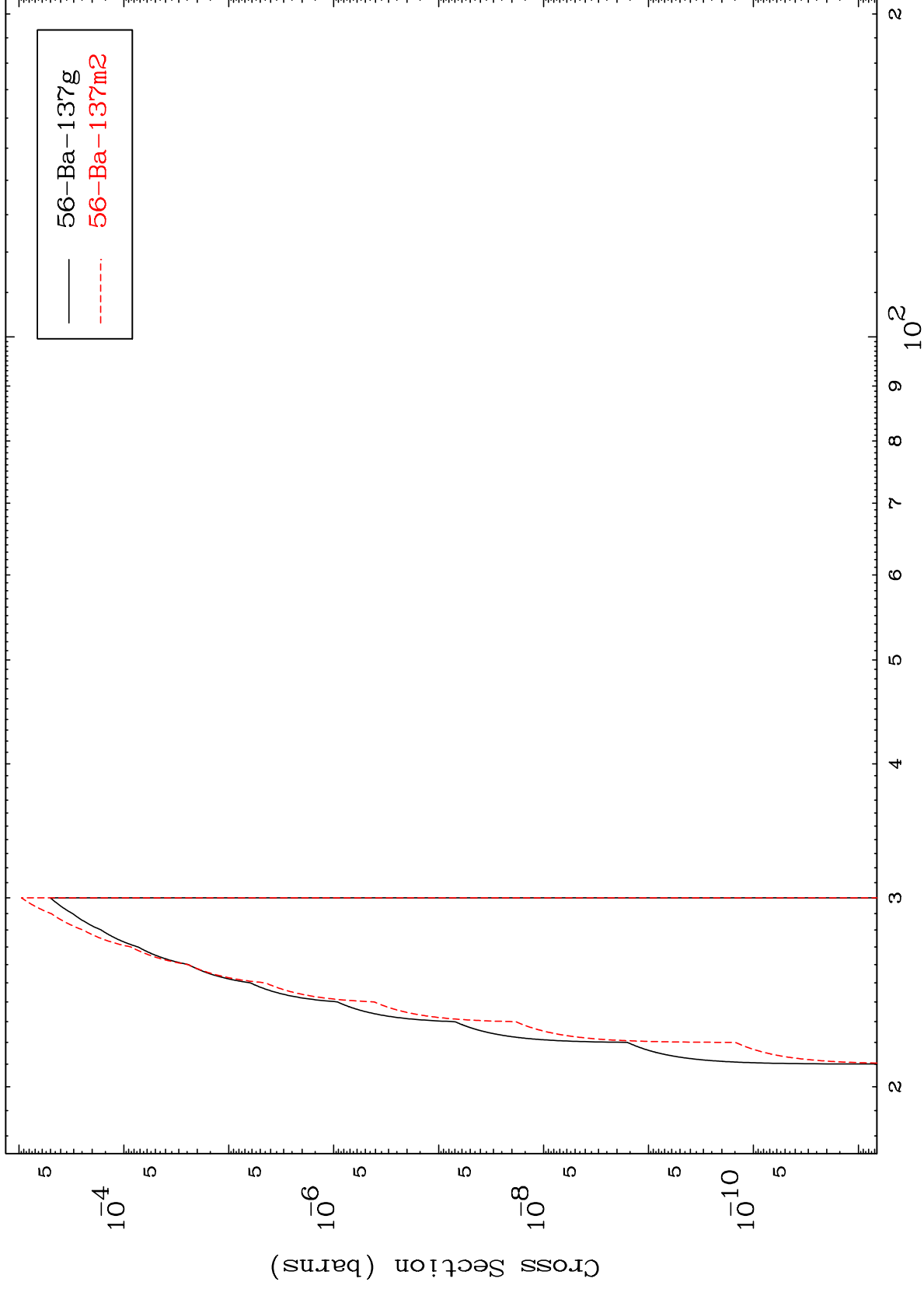




MAT 5731

57-La-140

(n,2n) d  
Radionuclide Production Cross Section



120

Incident Energy (MeV)

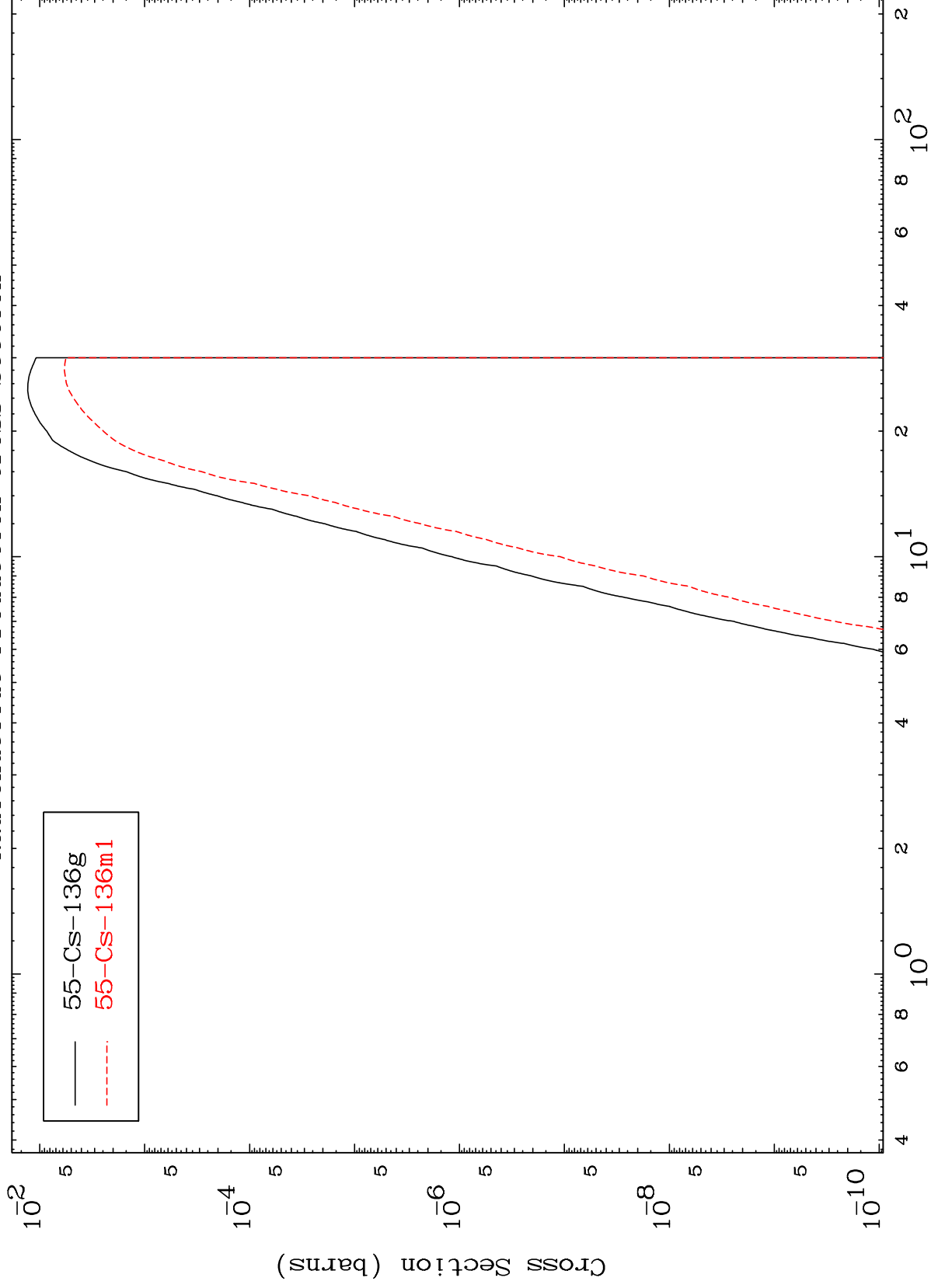
57-La-140

MAT 5731

(n,n')  $\alpha$

57-La-140

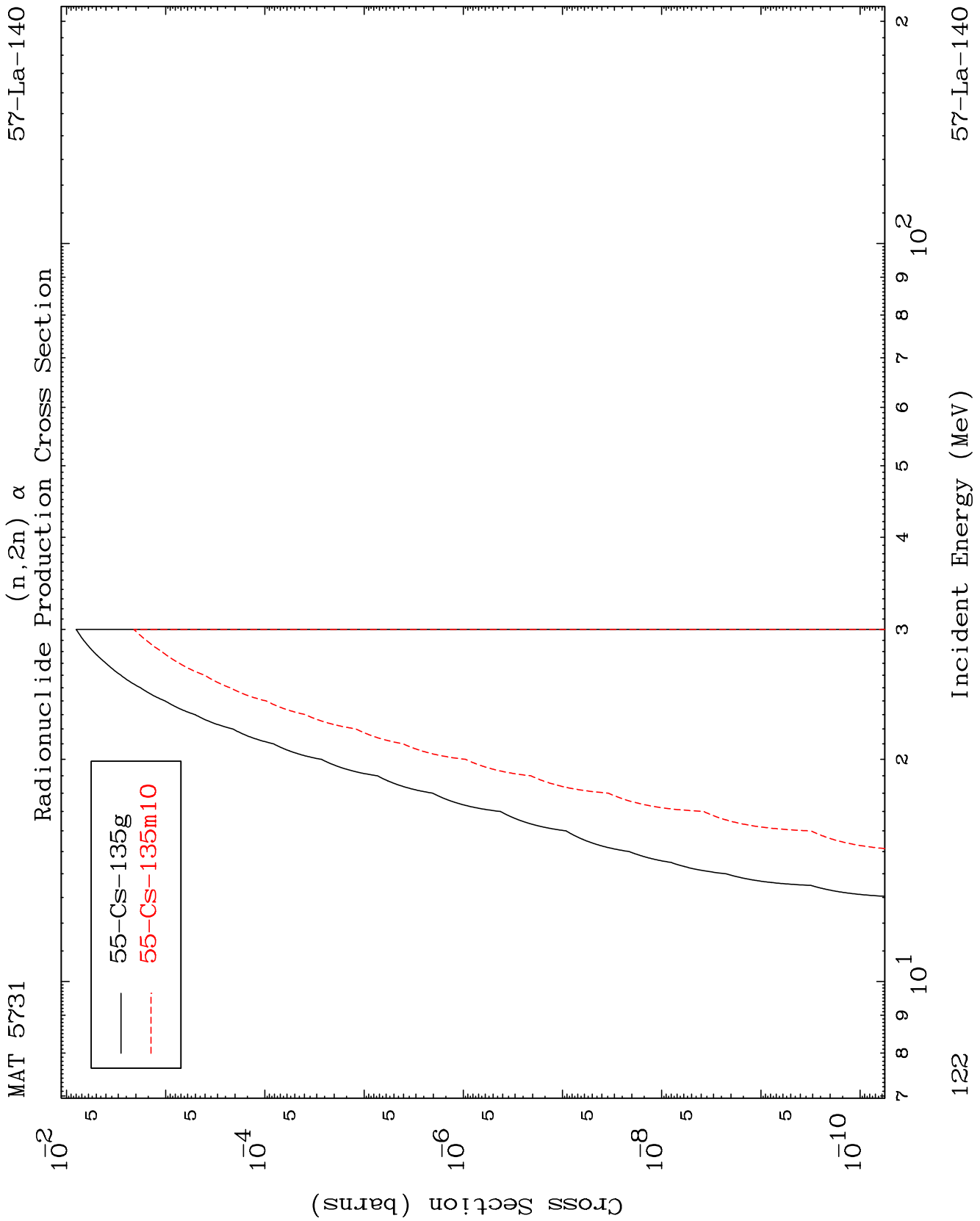
Radionuclide Production Cross Section



121

Incident Energy (MeV)

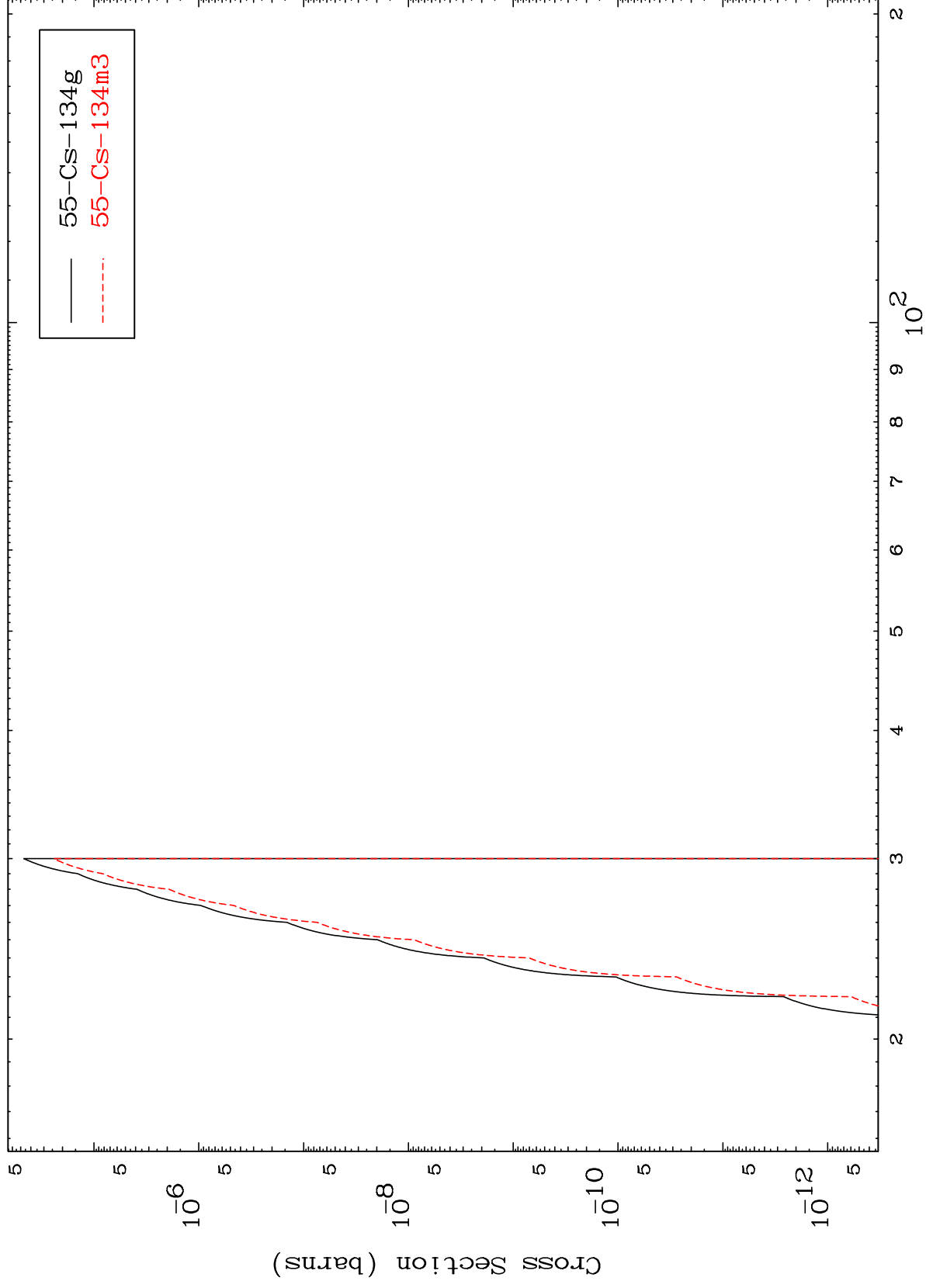
57-La-140



MAT 5731

57-La-140

$(n,3n) \alpha$   
Radionuclide Production Cross Section



123

Incident Energy (MeV)

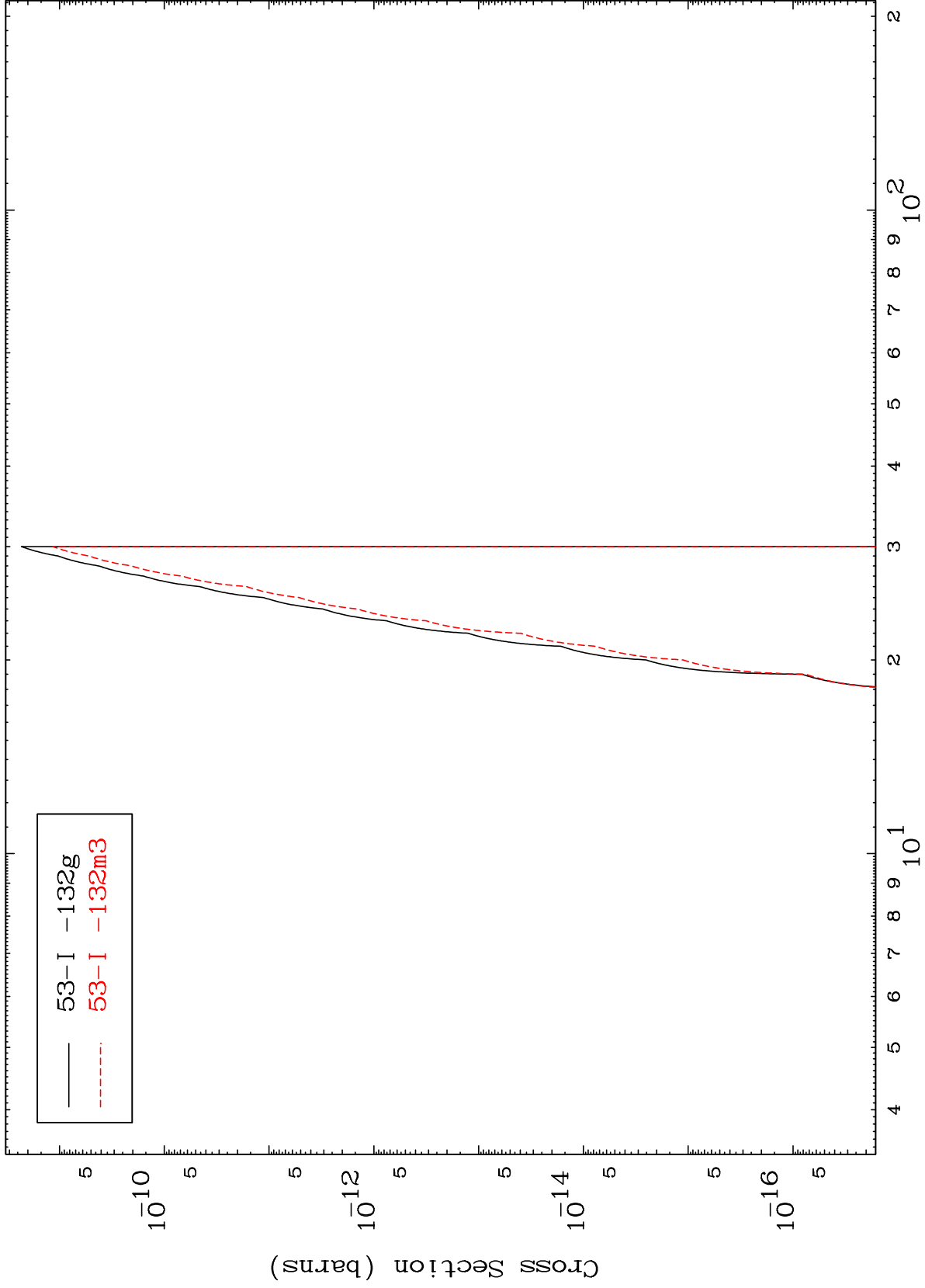
57-La-140

MAT 5731

(n,n') 2α

57-La-140

Radionuclide Production Cross Section



124

Incident Energy (MeV)

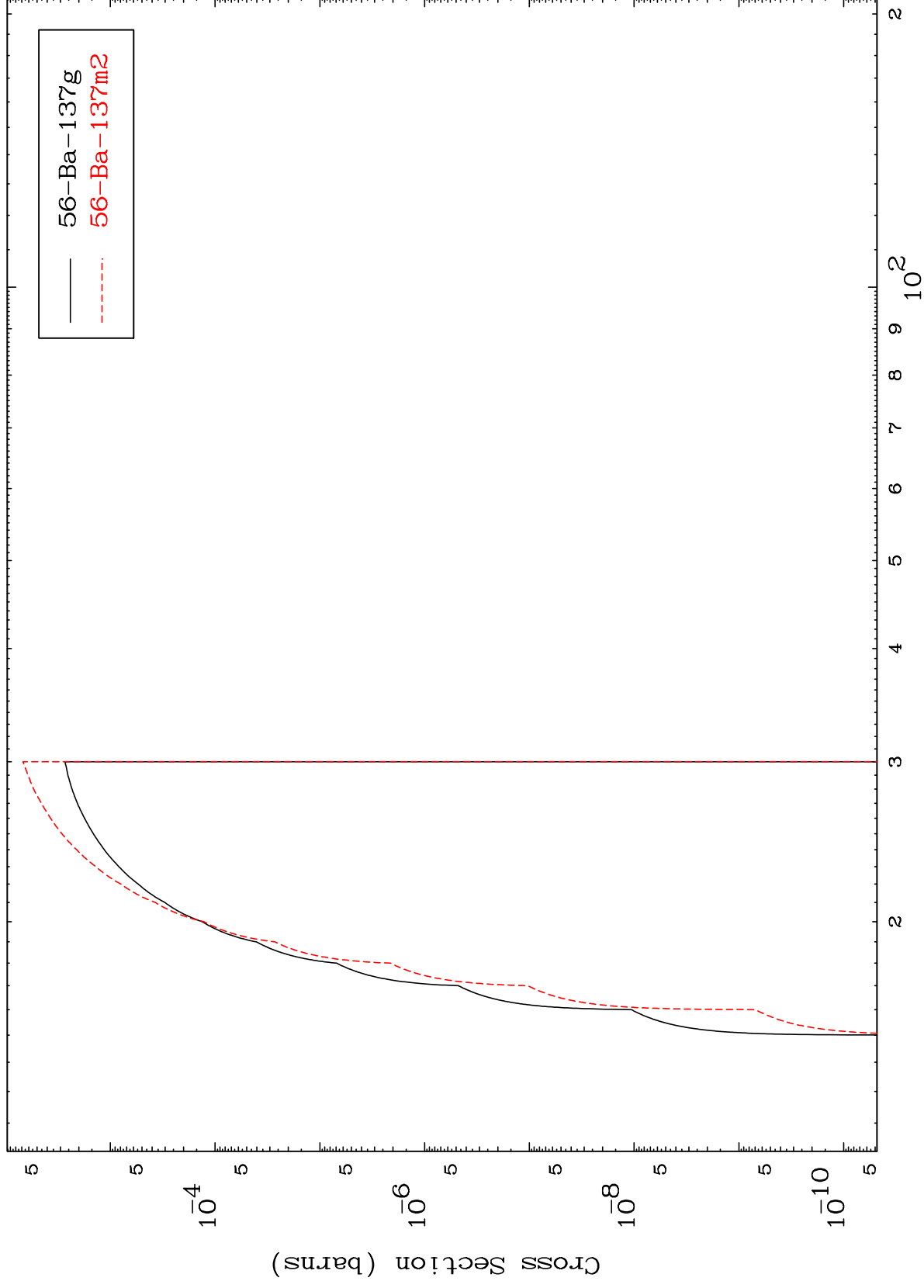
57-La-140

MAT 5731

(n,n') t

57-La-140

Radionuclide Production Cross Section



125

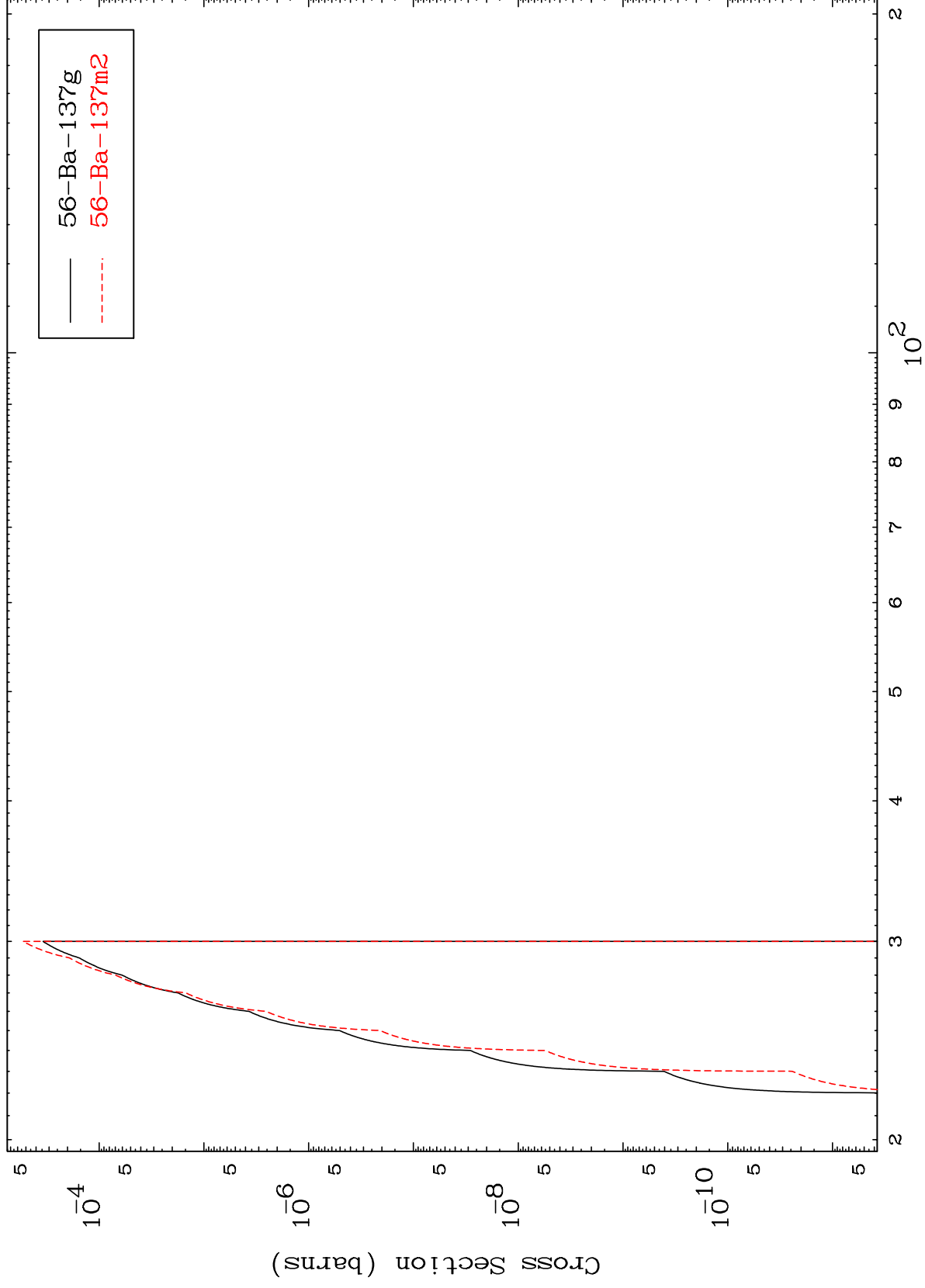
Incident Energy (MeV)

57-La-140

MAT 5731

57-La-140

(n,3n) p  
Radionuclide Production Cross Section



57-La-140

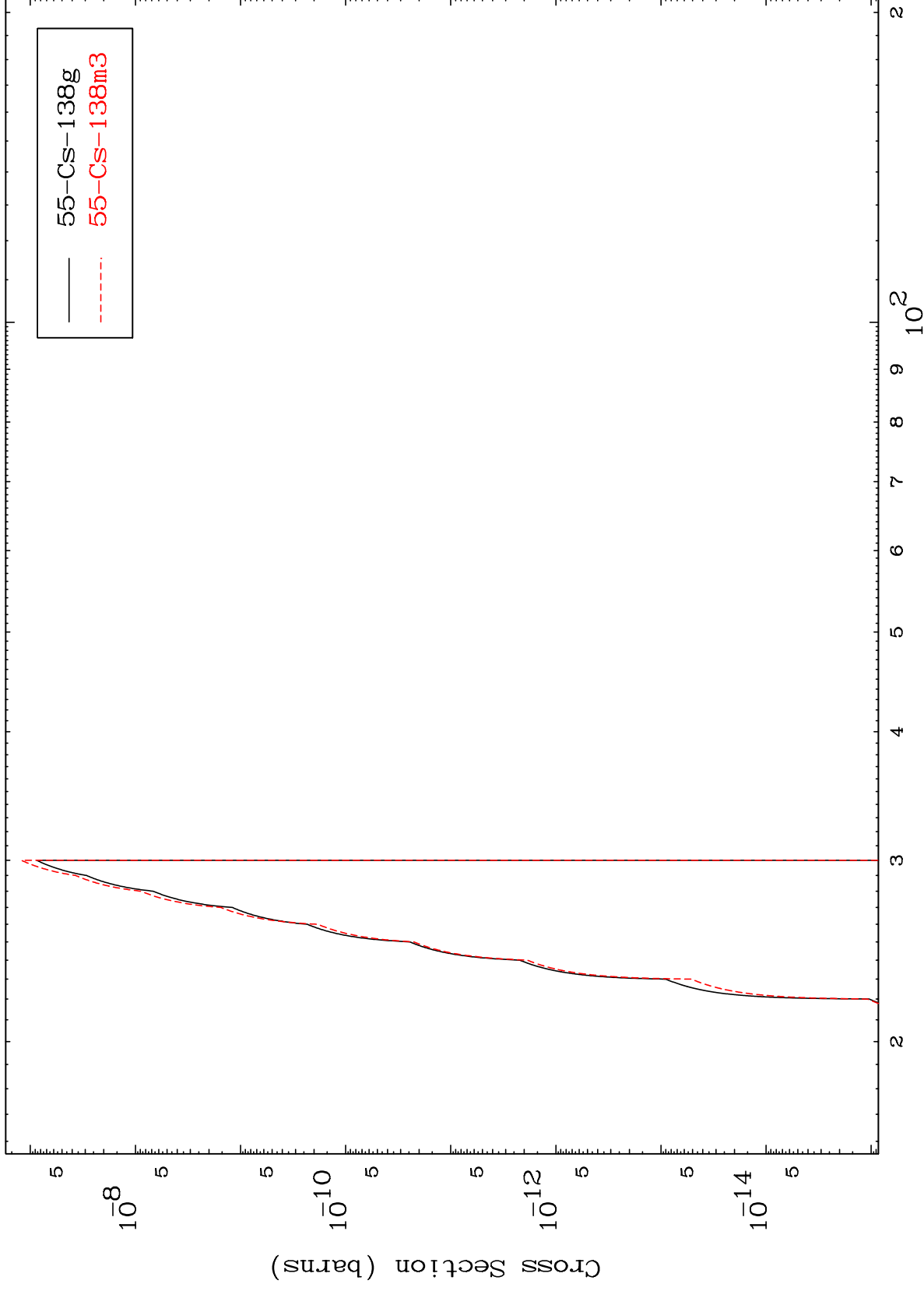
Incident Energy (MeV)

126

MAT 5731

57-La-140

(n,2n) p  
Radionuclide Production Cross Section

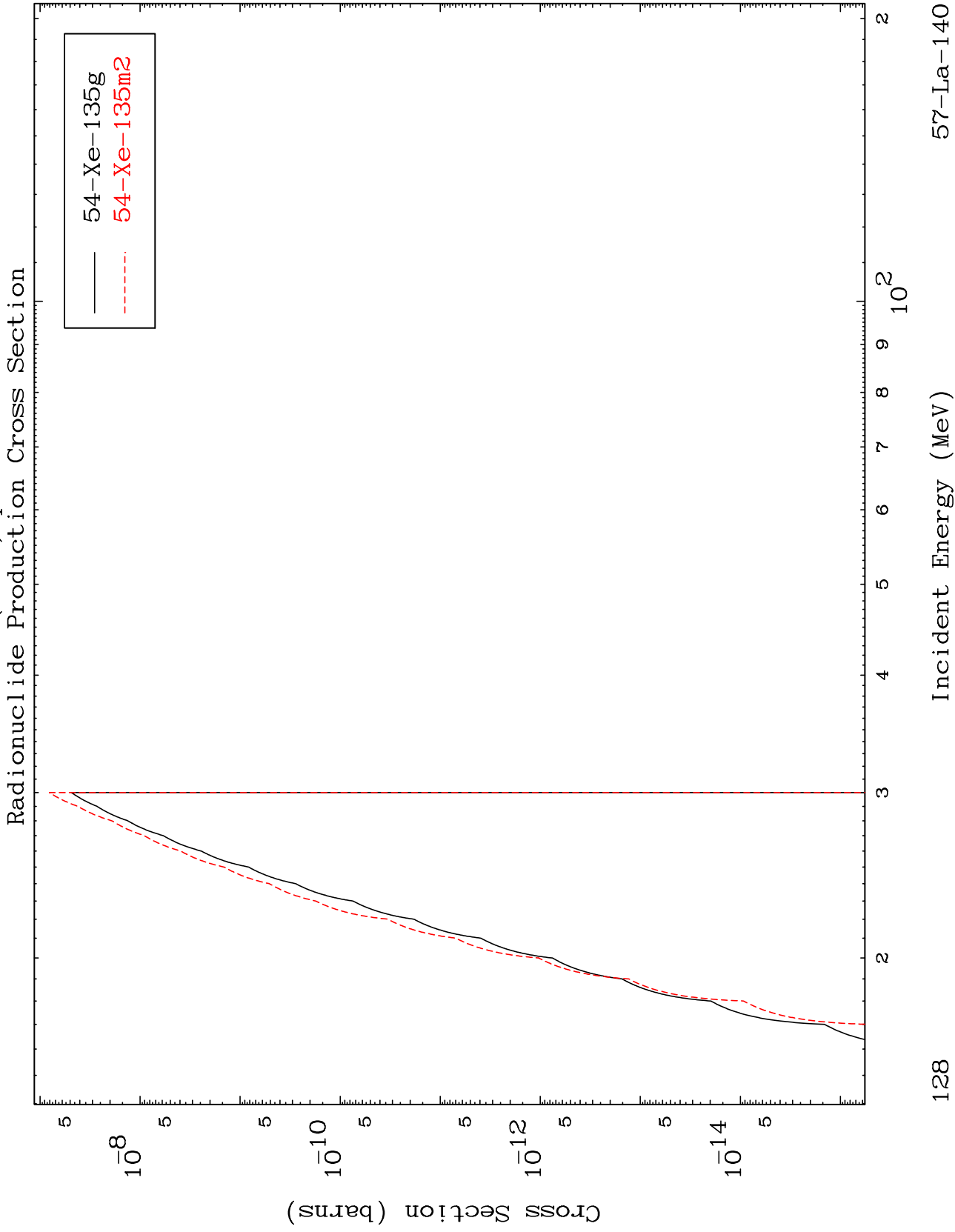


127

Incident Energy (MeV)

57-La-140



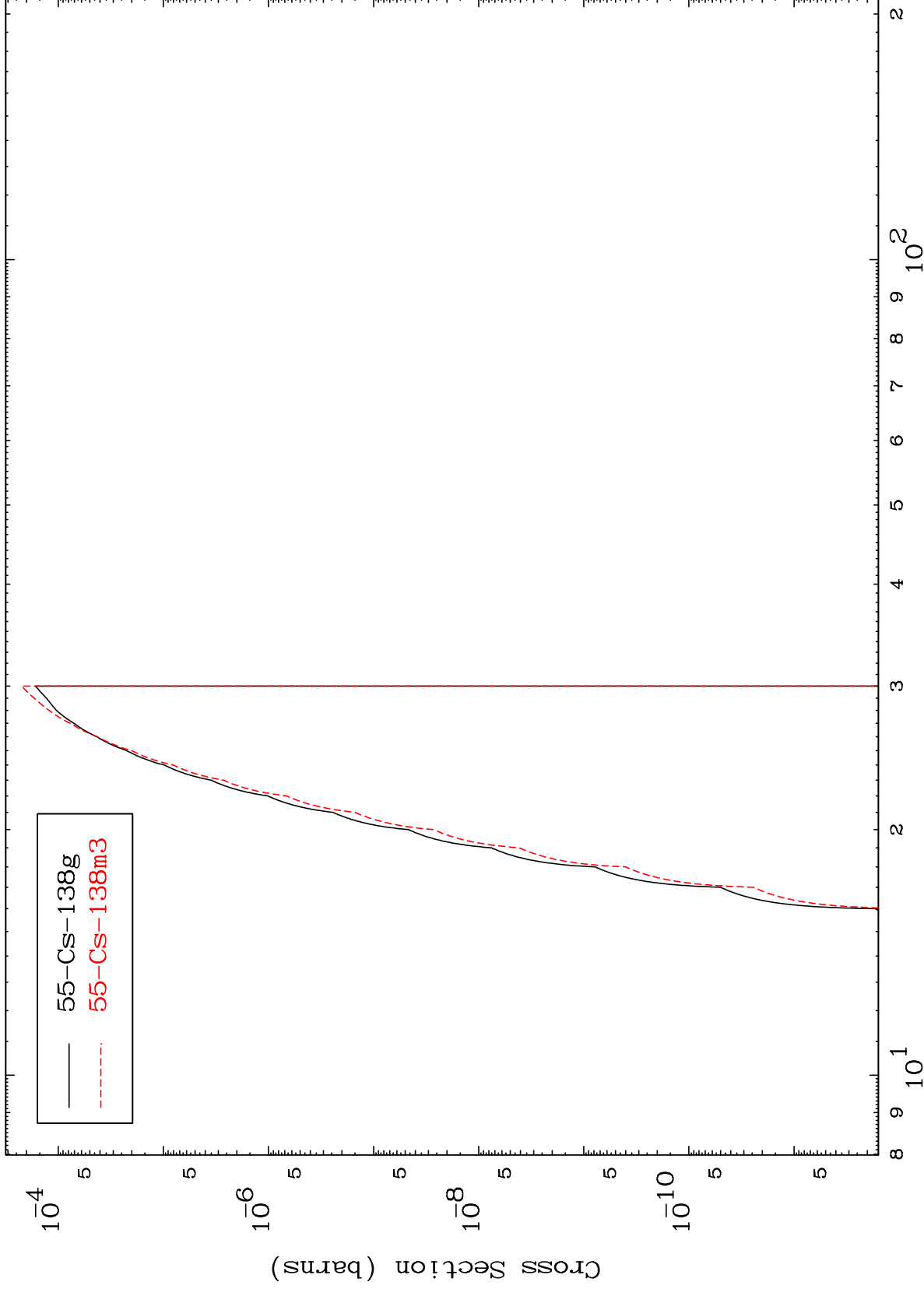


MAT 5731

(n,He-3)

57-La-140

Radionuclide Production Cross Section



129

Incident Energy (MeV)

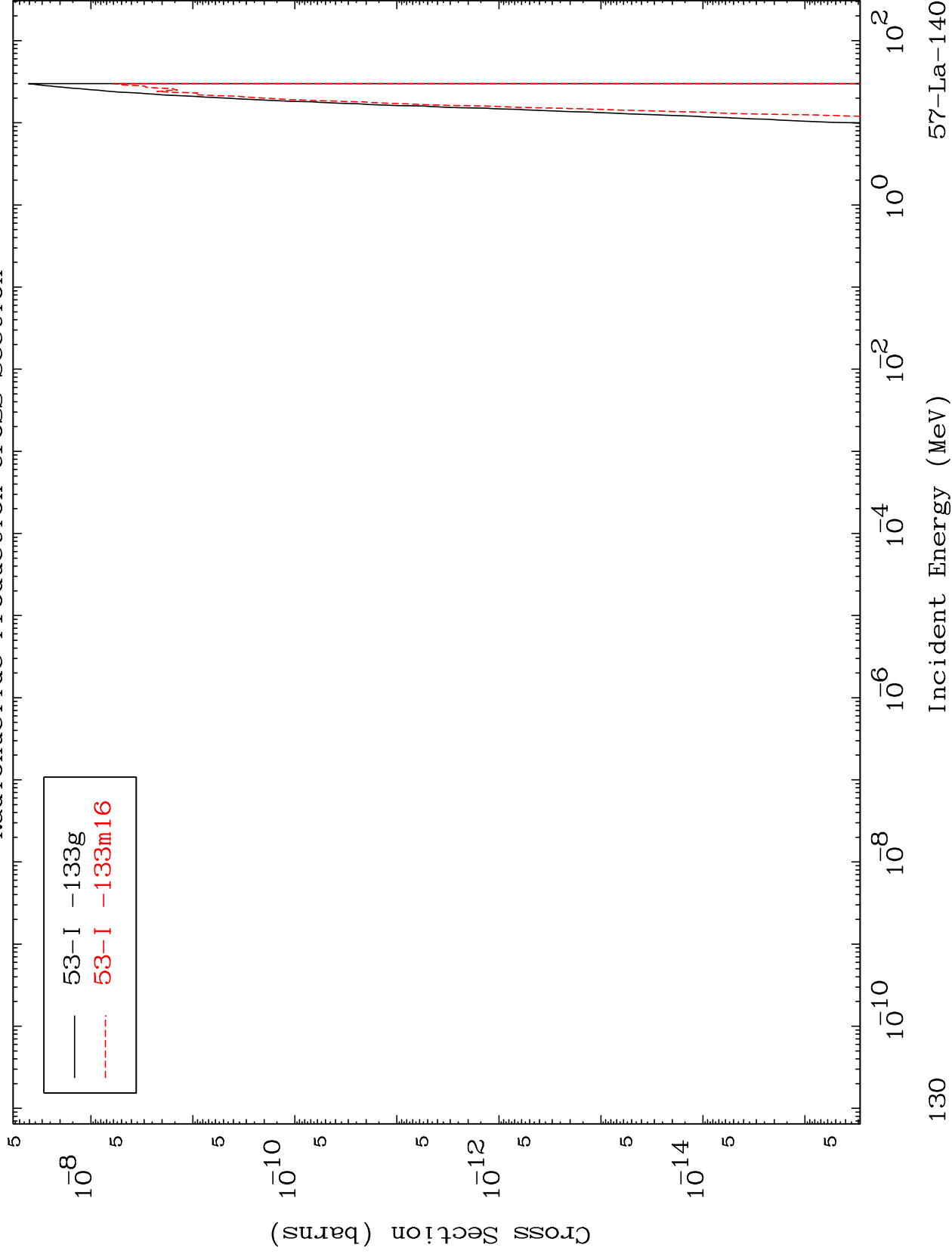
57-La-140

MAT 5731

(n,2α)

57-La-140

Radionuclide Production Cross Section

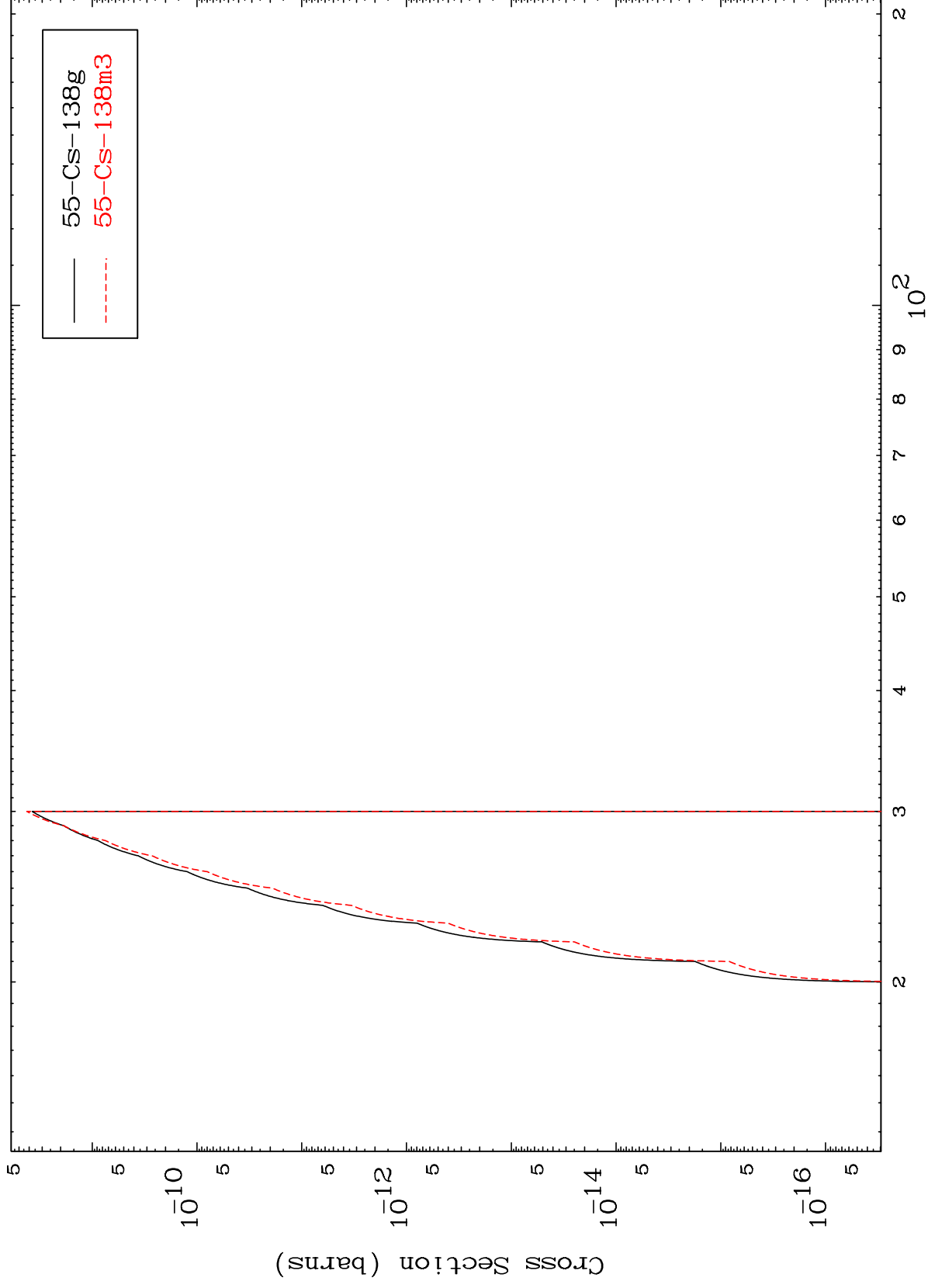


MAT 5731

(n,p) d

57-La-140

Radionuclide Production Cross Section



131

Incident Energy (MeV)

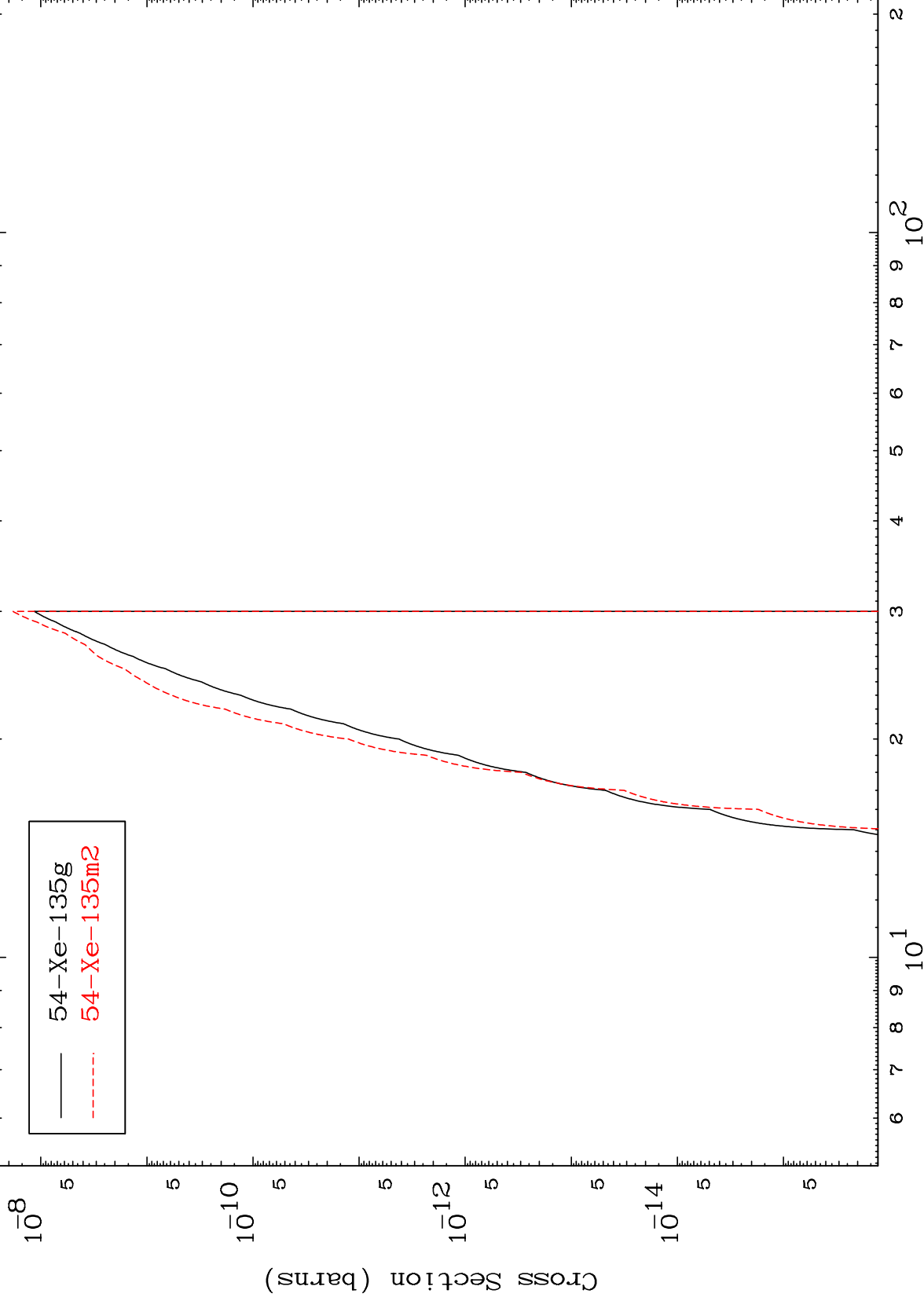
57-La-140

MAT 5731

(n,d)  $\alpha$

57-La-140

Radionuclide Production Cross Section



132

Incident Energy (MeV)

57-La-140