

Program EVALPLOT
(Version 2015-2)

by

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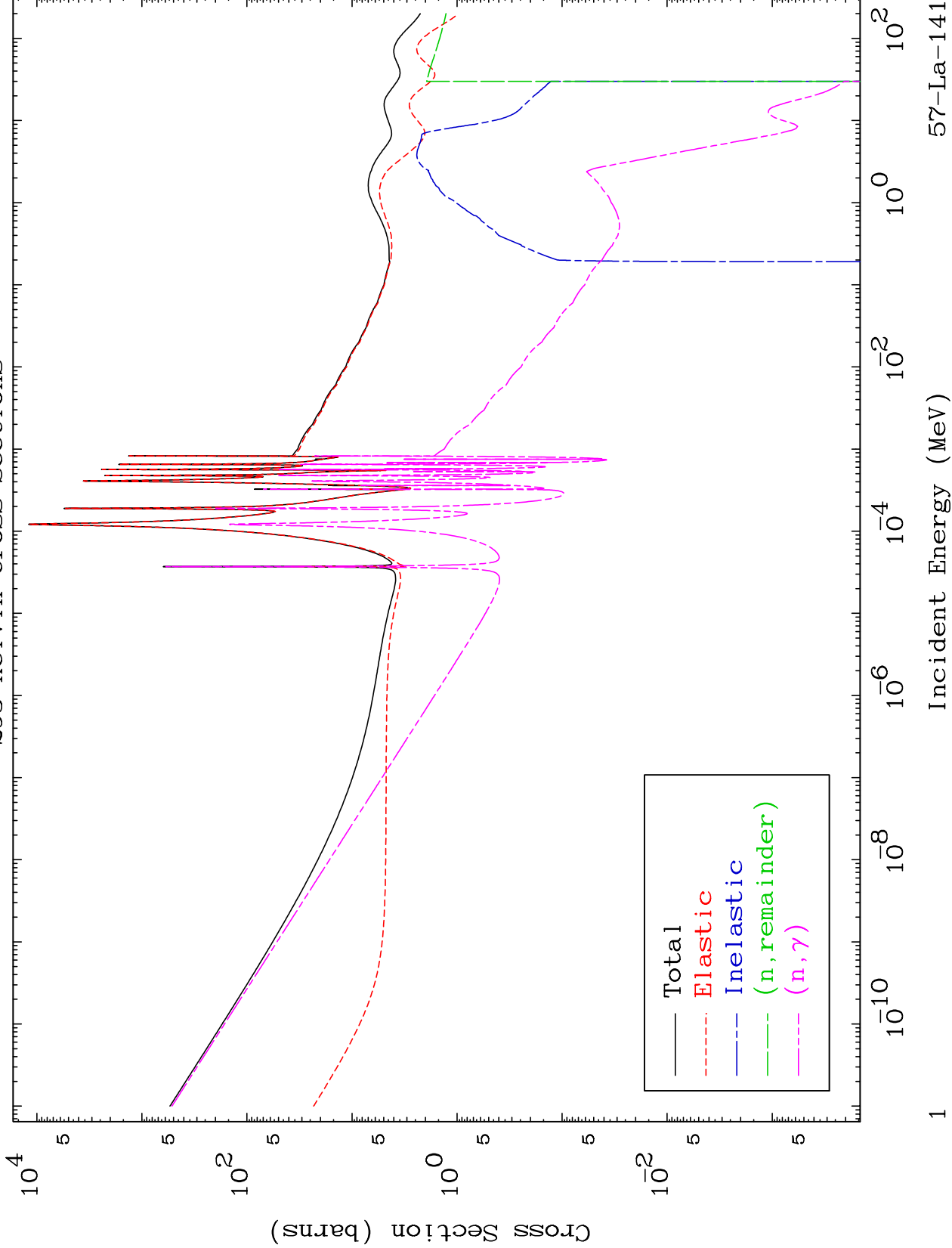
Press Mouse Button to Start

MAT 5734

Major

293 Kelvin Cross Sections

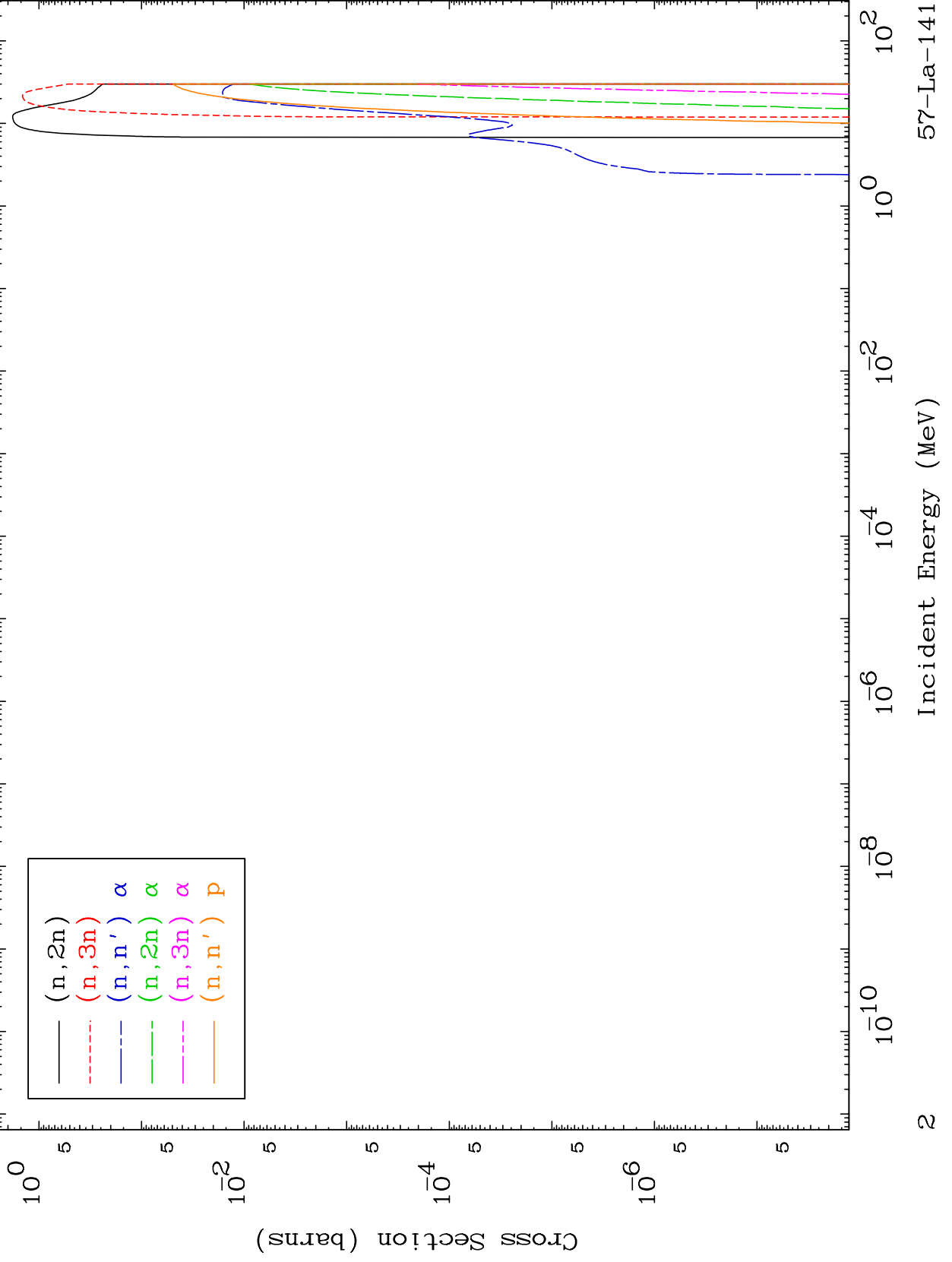
57-La-141



MAT 5734

Neutron Production
293 Kelvin Cross Sections

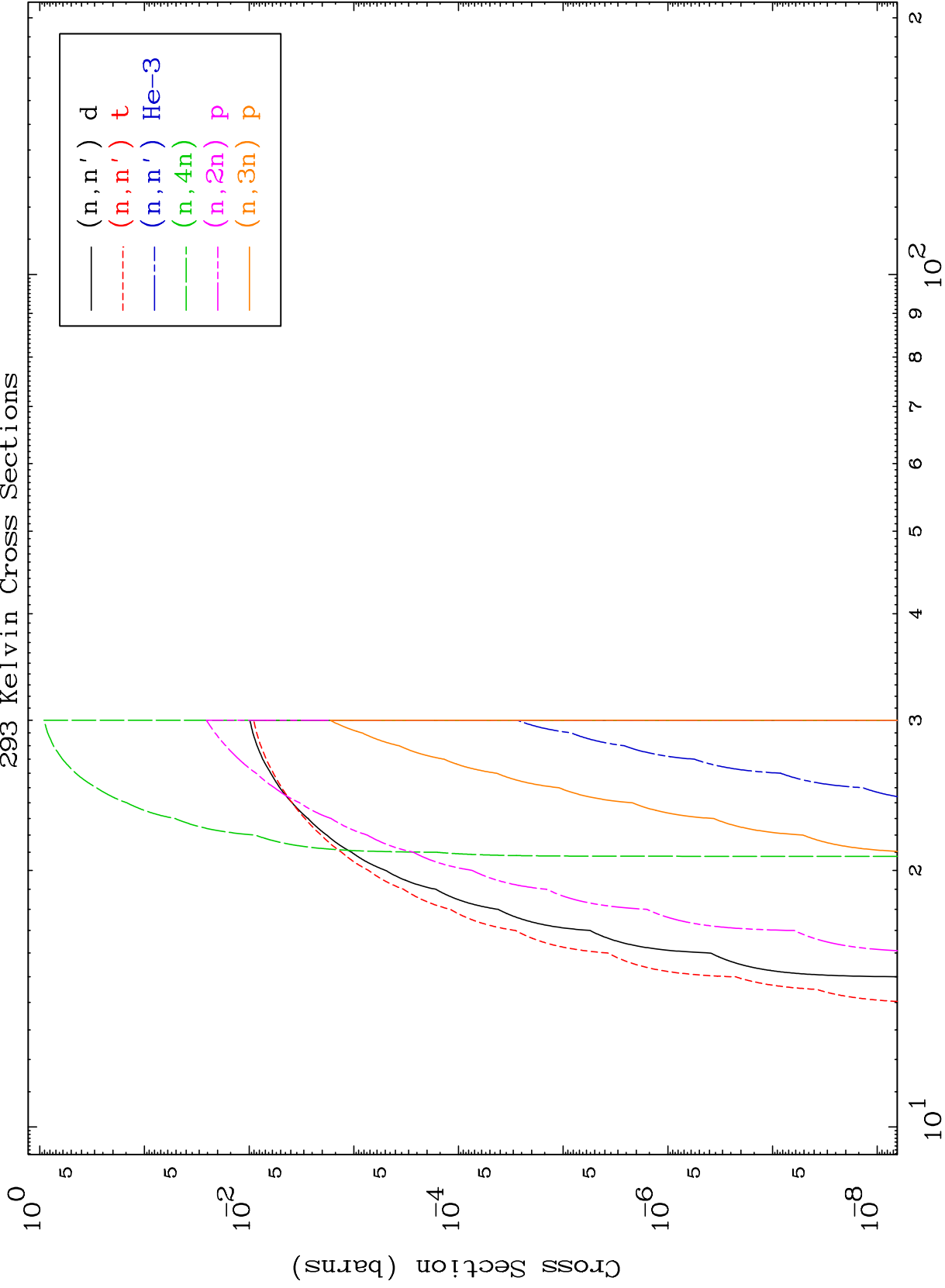
57-La-141



MAT 5734

Neutron Production
293 Kelvin Cross Sections

57-La-141



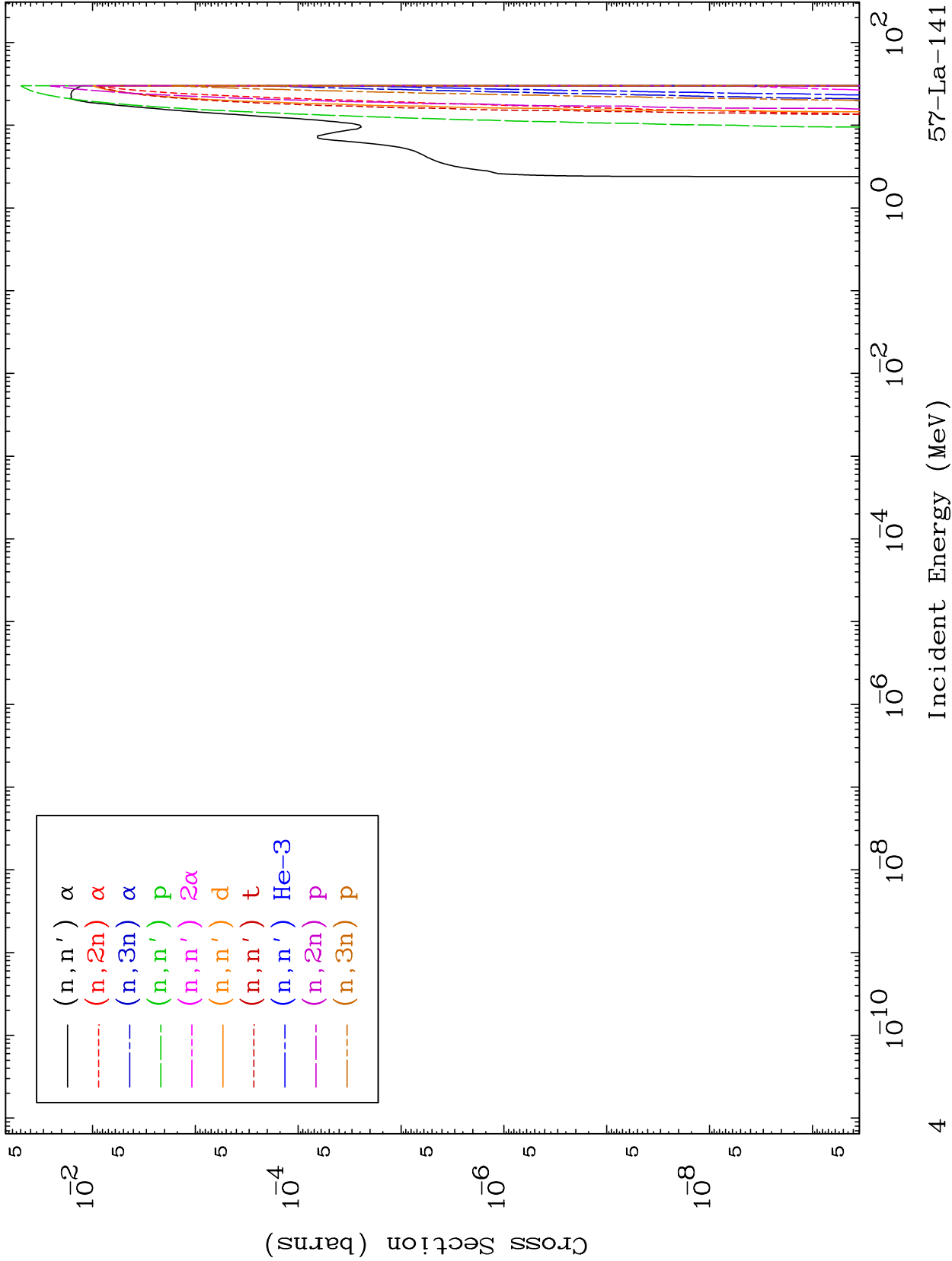
Incident Energy (MeV)

57-La-141

MAT 5734

Charged Particle
293 Kelvin Cross Sections

57-La-141



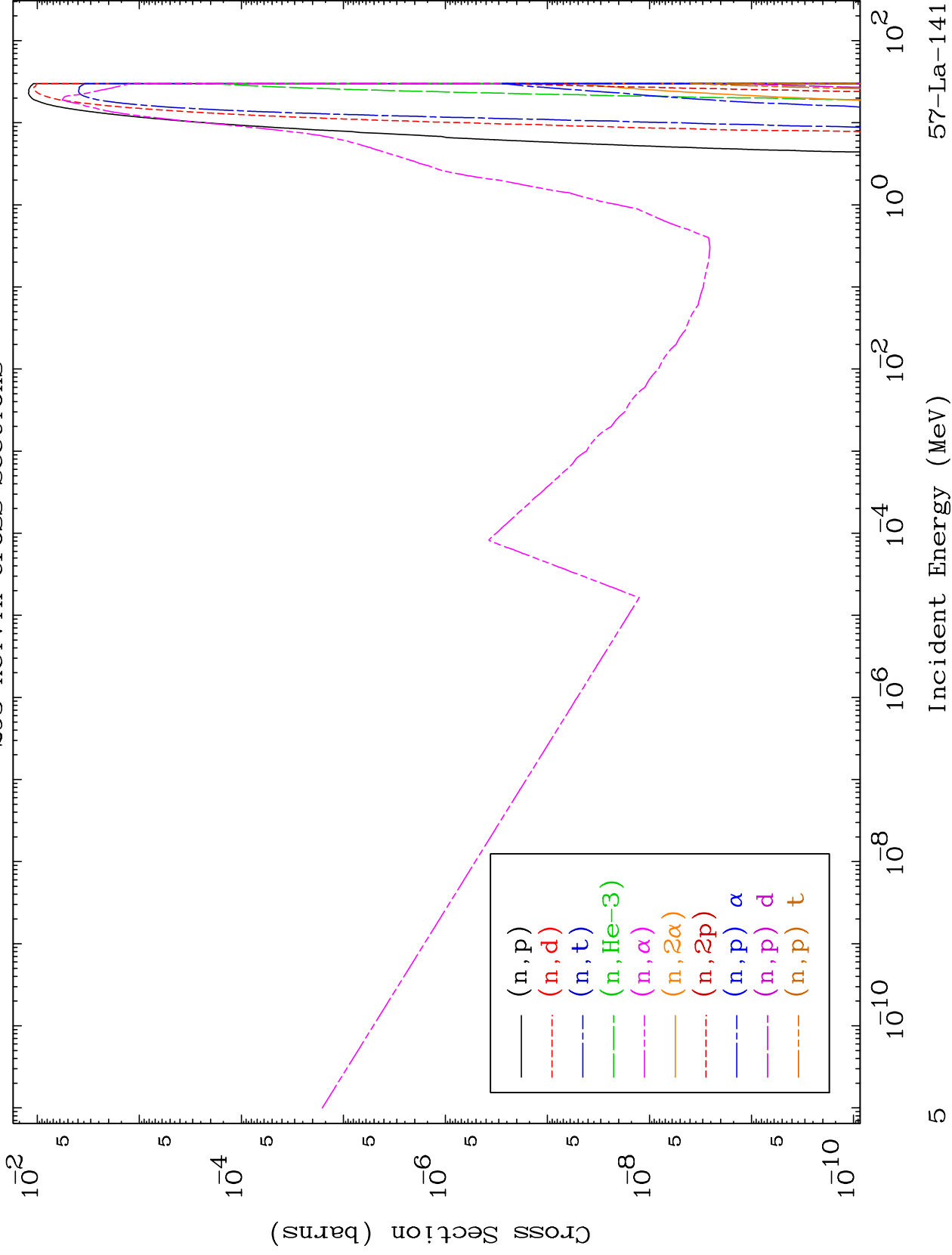
57-La-141

Incident Energy (MeV)

MAT 5734

Charged Particle
293 Kelvin Cross Sections

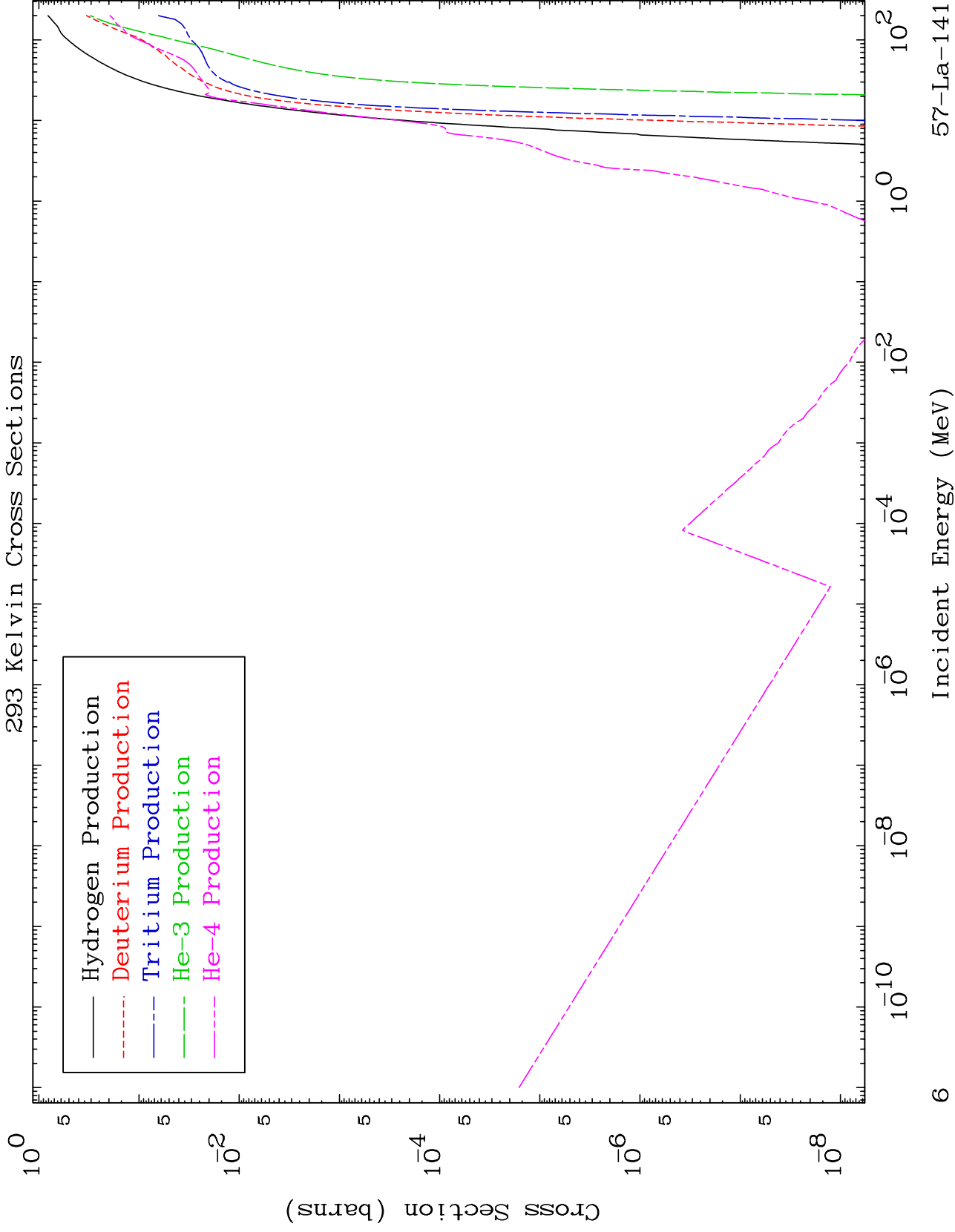
57-La-141



MAT 5734

Particle Production
293 Kelvin Cross Sections

57-La-141

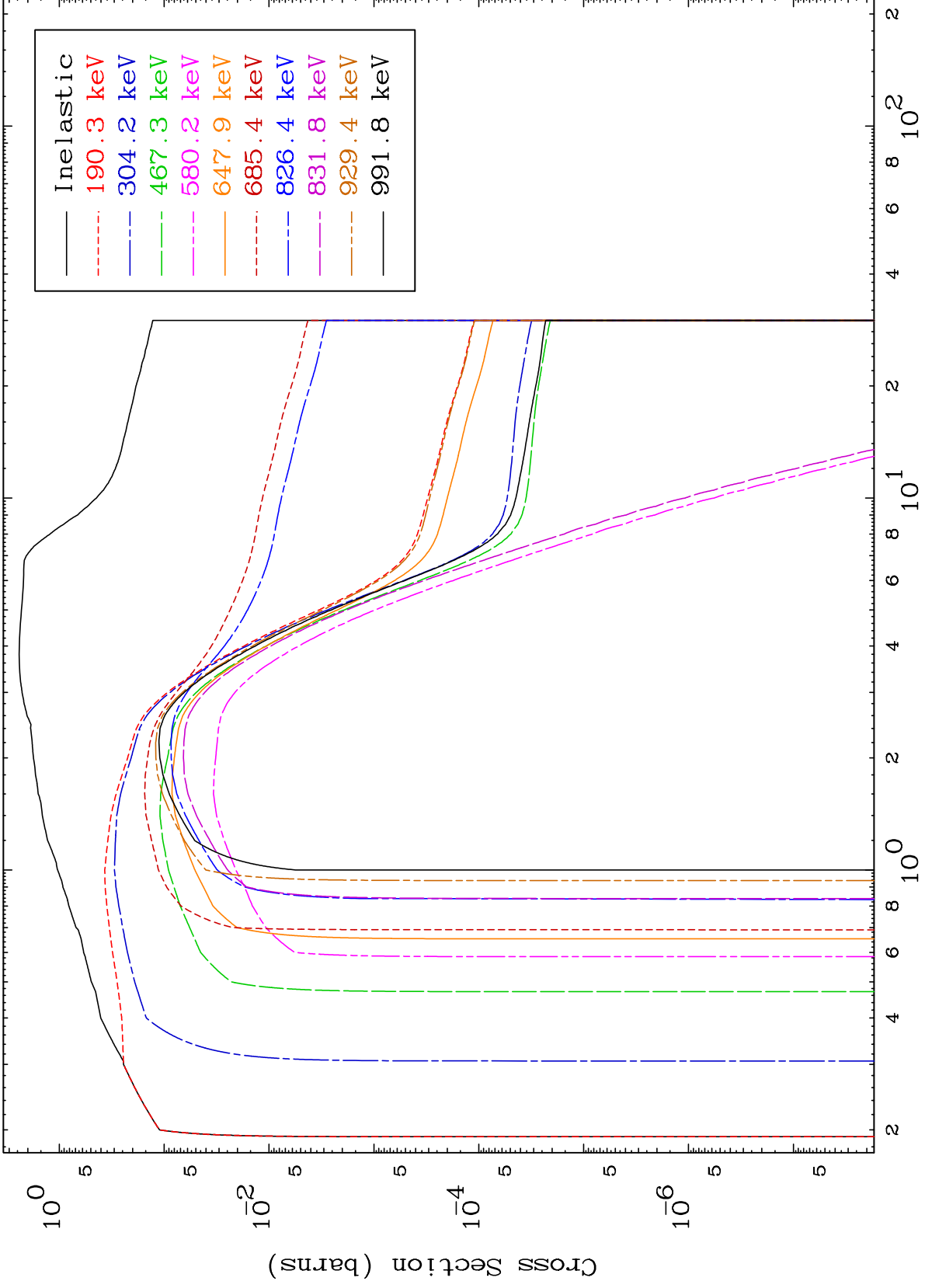


MAT 5734

(n,n') Level

57-La-141

293 Kelvin Cross Sections



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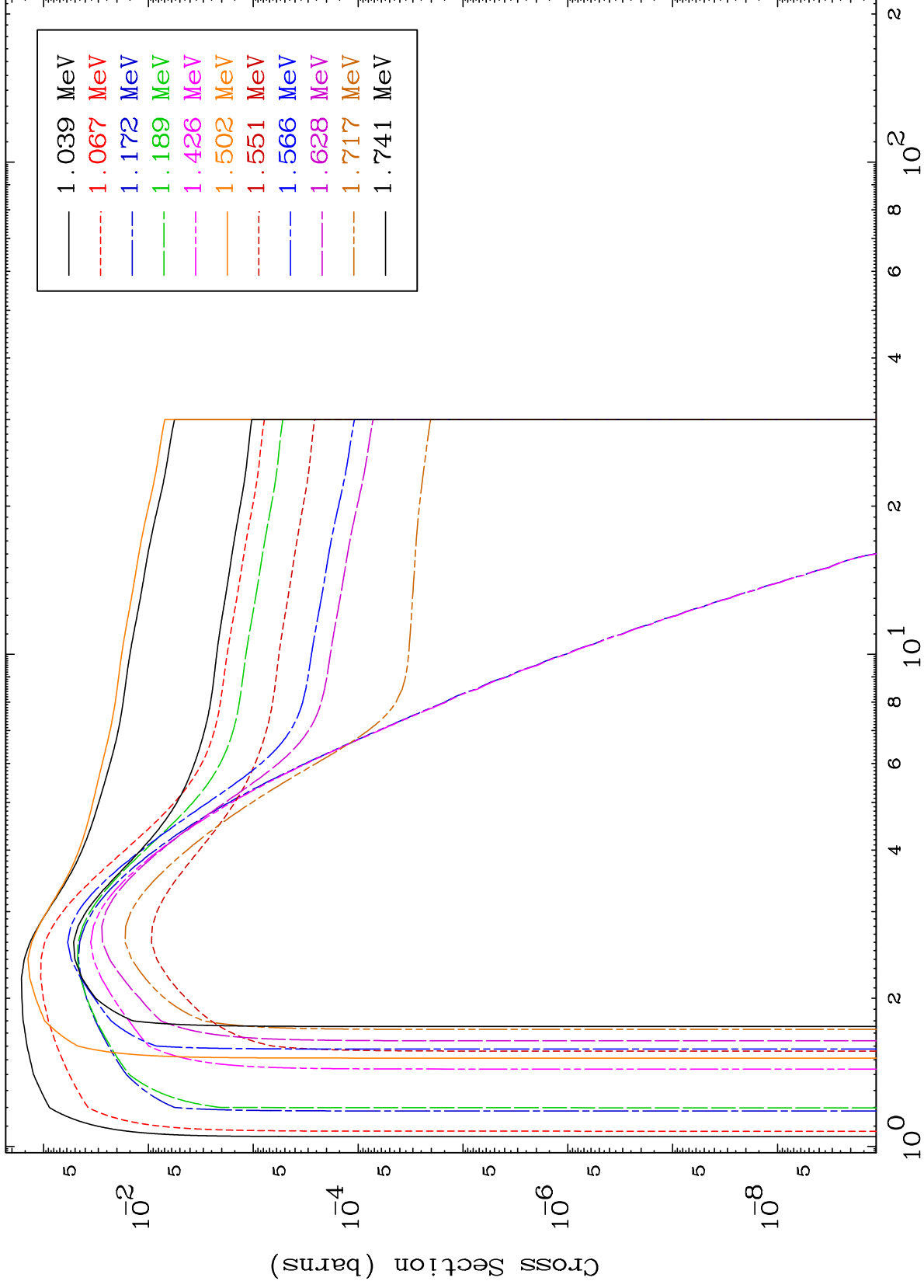
Incident Energy (MeV)

57-La-141

MAT 5734

(n,n') Level
293 Kelvin Cross Sections

57-La-141



Incident Energy (MeV)

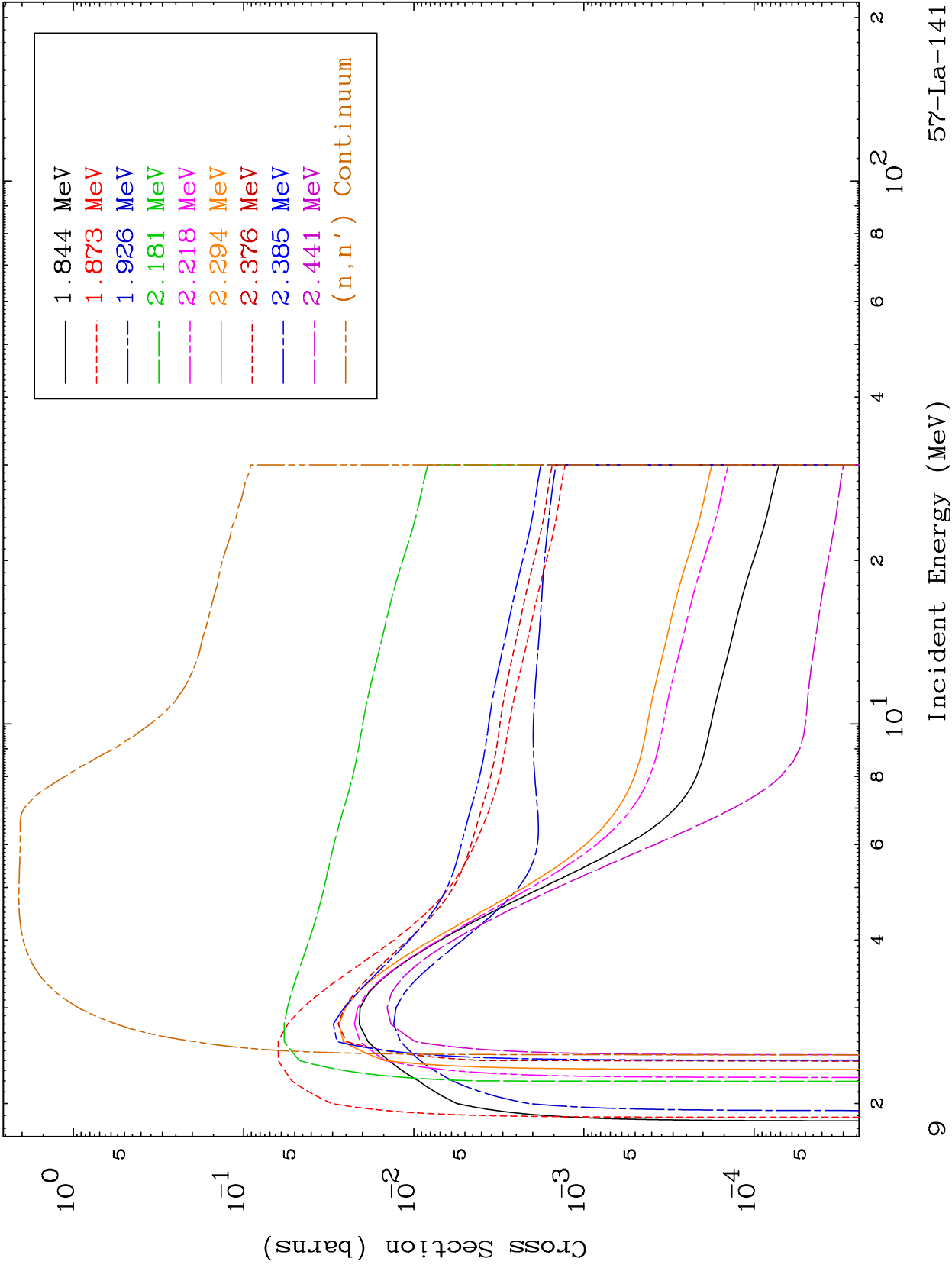
57-La-141

MAT 5734

(n,n') Level

57-La-141

293 Kelvin Cross Sections



9

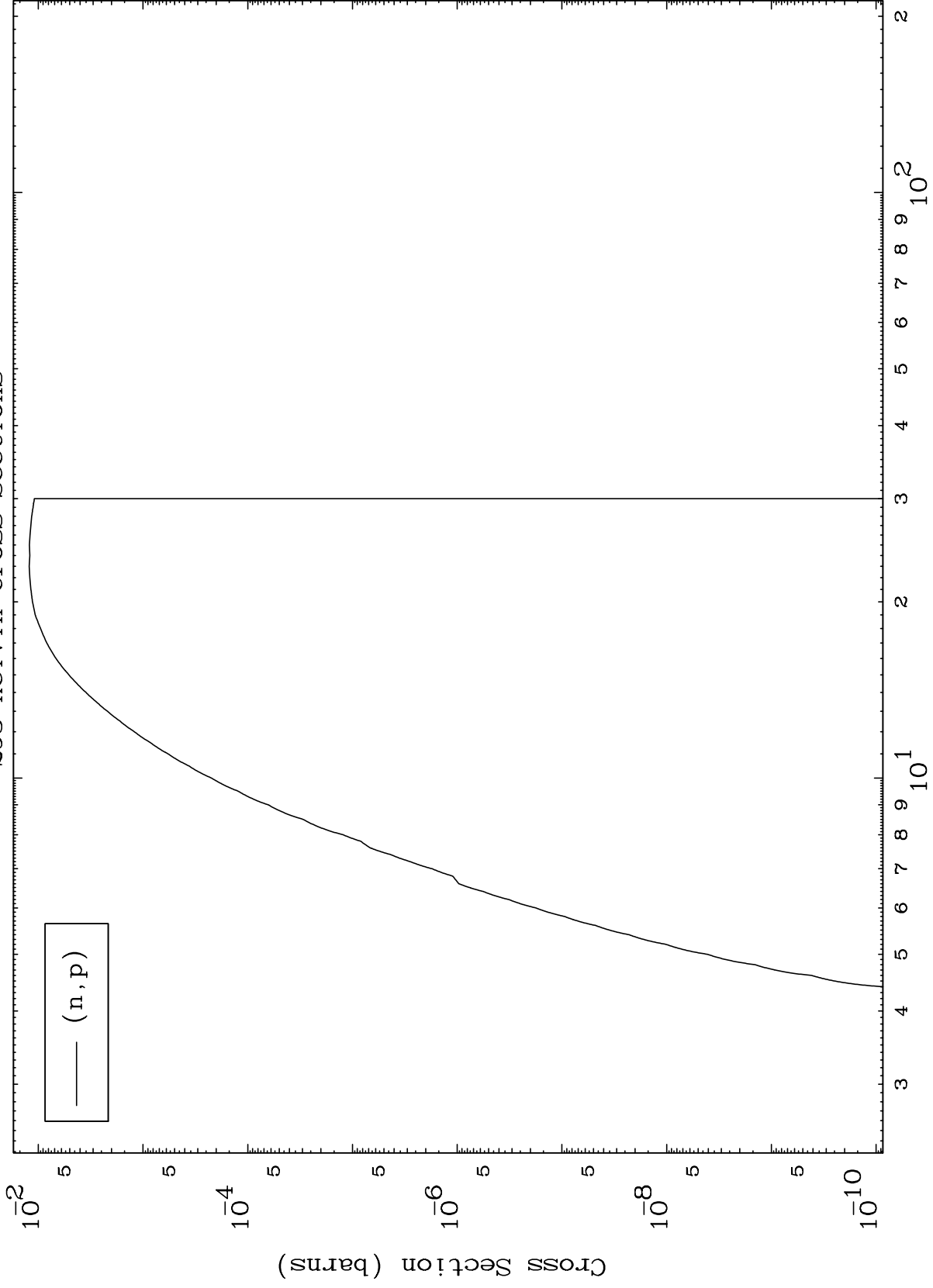
Incident Energy (MeV)

57-La-141

MAT 5734

(n,p) Levels
293 Kelvin Cross Sections

57-La-141



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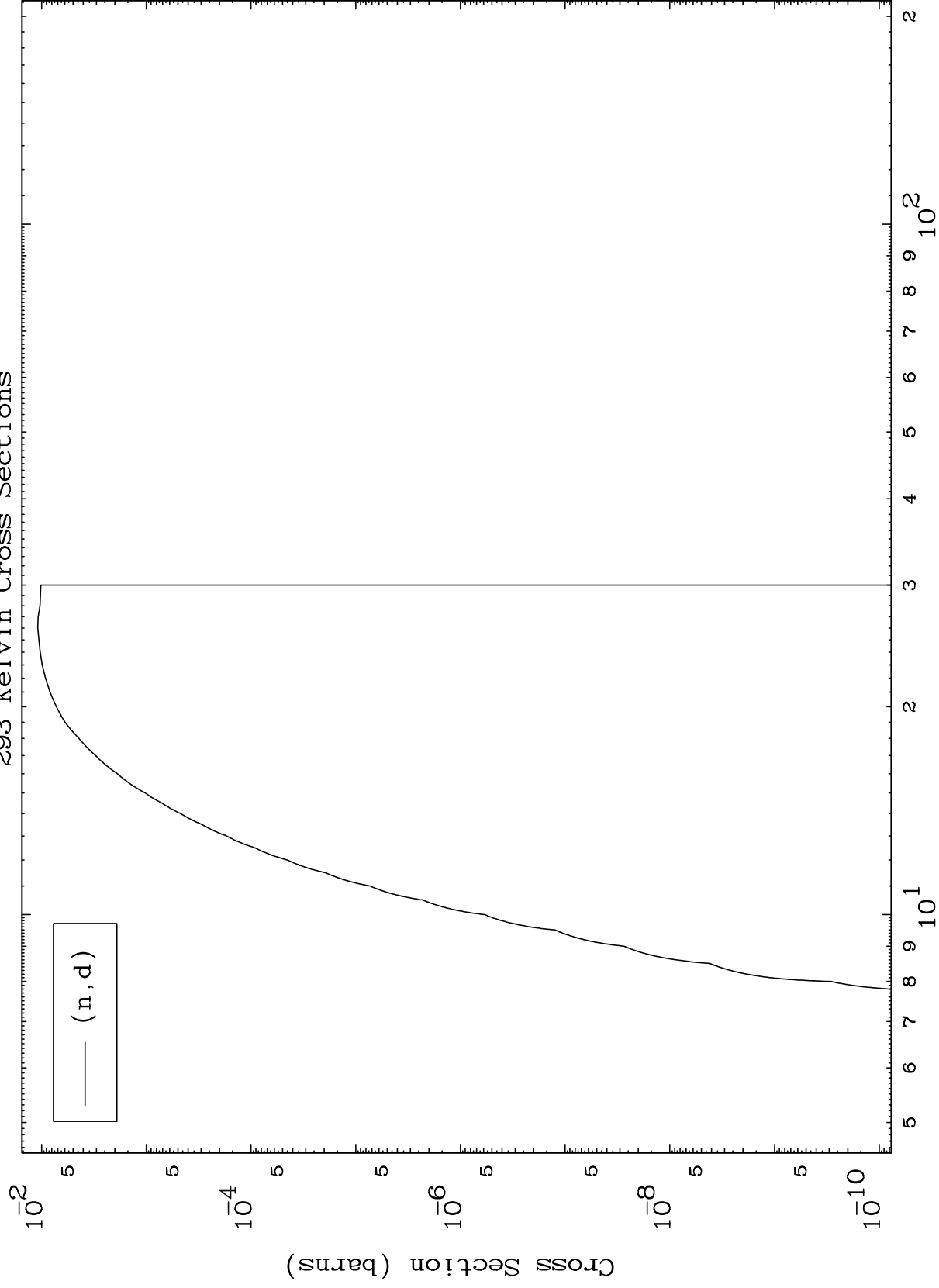
Incident Energy (MeV)

57-La-141

MAT 5734

(n,d) Levels
293 Kelvin Cross Sections

57-La-141



11

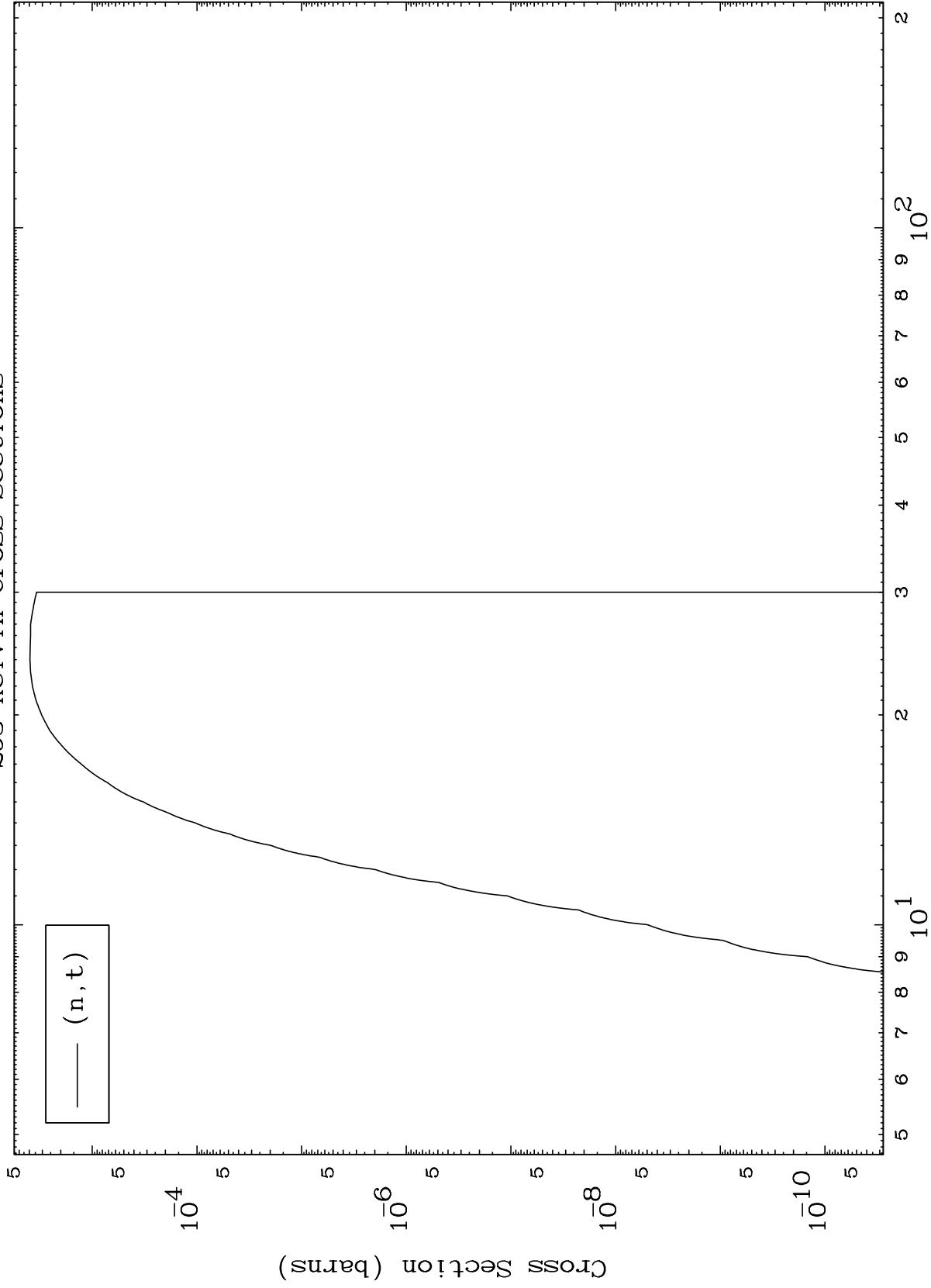
Incident Energy (MeV)

57-La-141

MAT 5734

(n,t) Levels
293 Kelvin Cross Sections

57-La-141



12

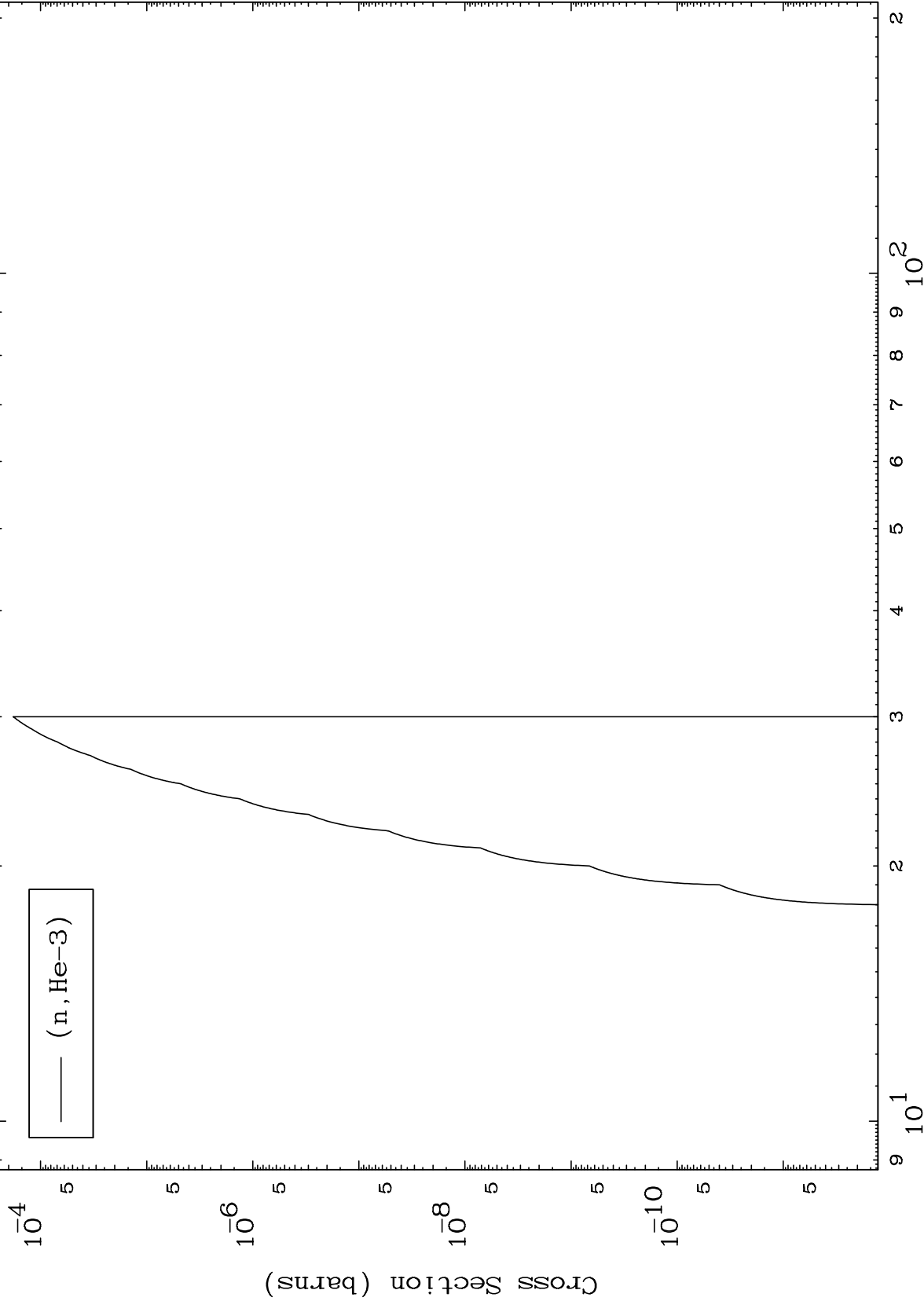
Incident Energy (MeV)

57-La-141

MAT 5734

57-La-141

(n,He3) Levels
293 Kelvin Cross Sections



57-La-141

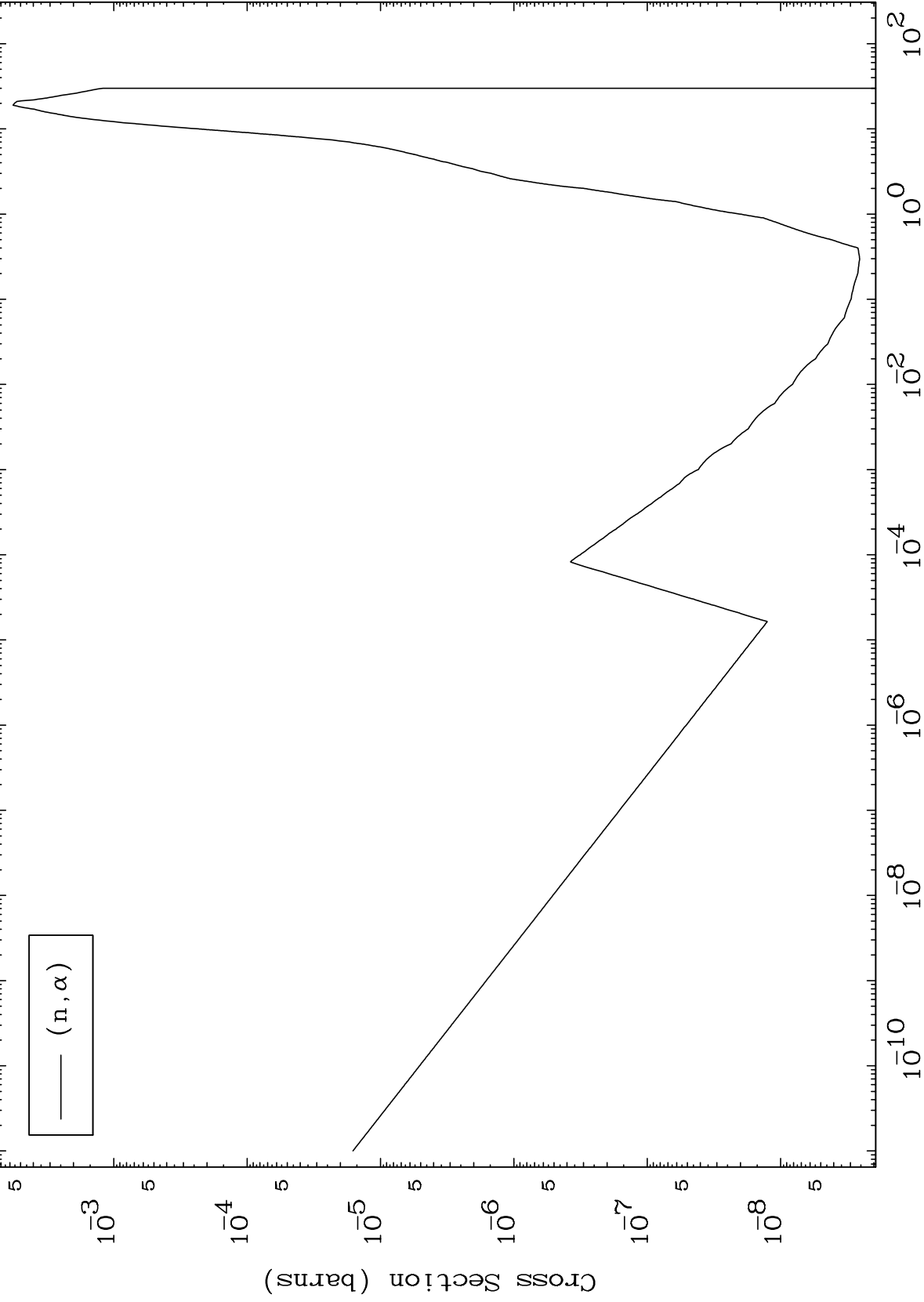
Incident Energy (MeV)

13

MAT 5734

(n, α) Levels
293 Kelvin Cross Sections

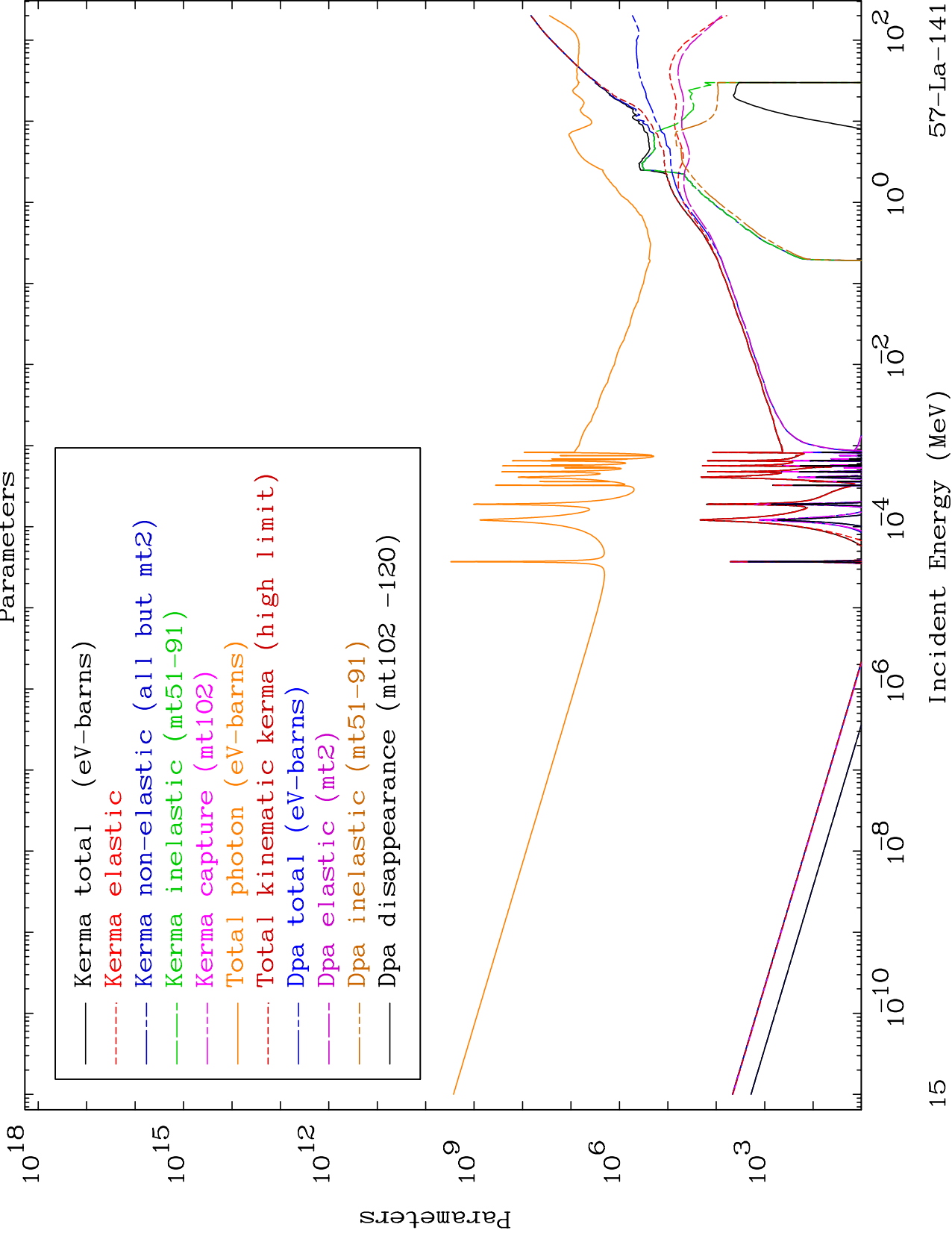
57-La-141

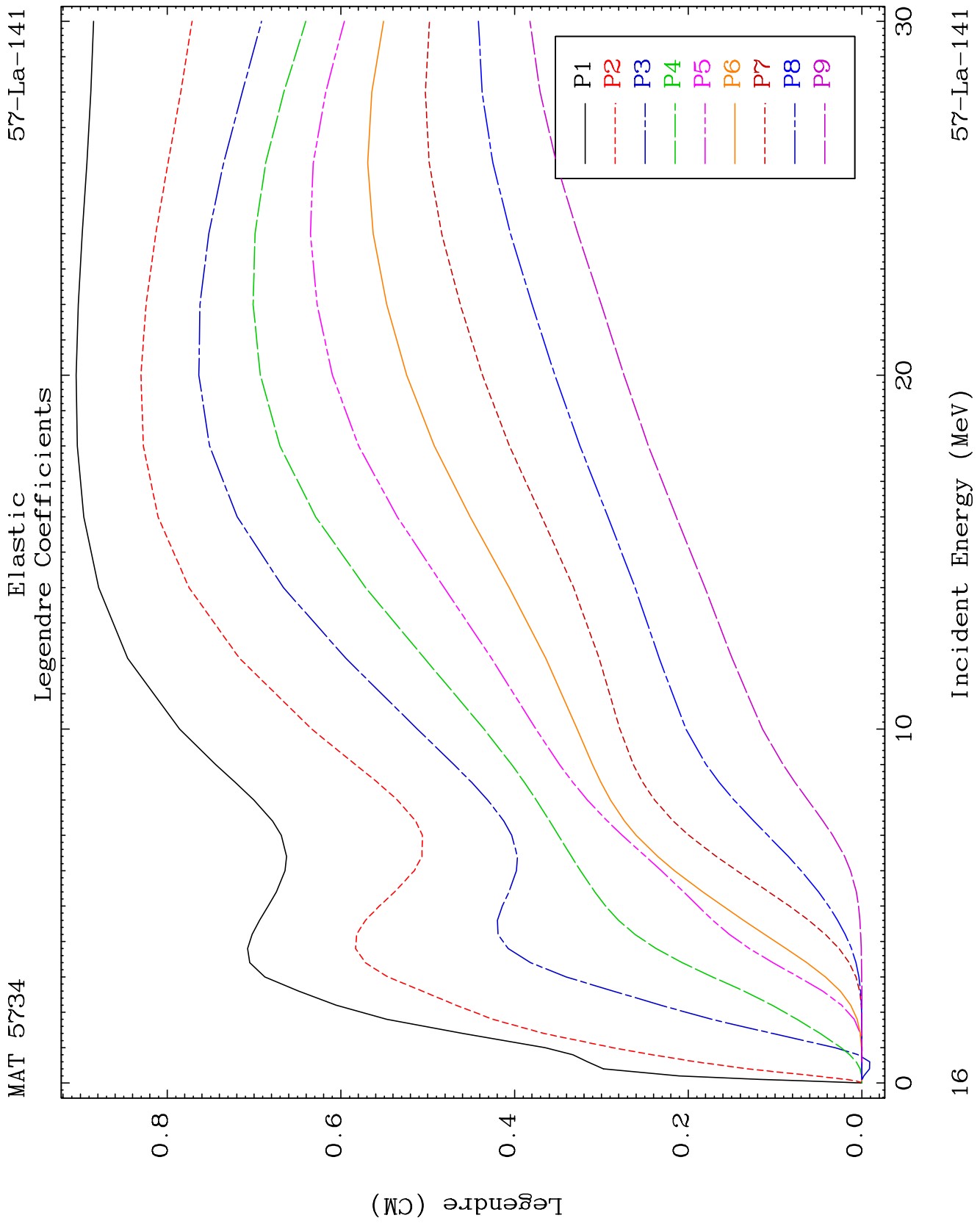


14

Incident Energy (MeV)

57-La-141

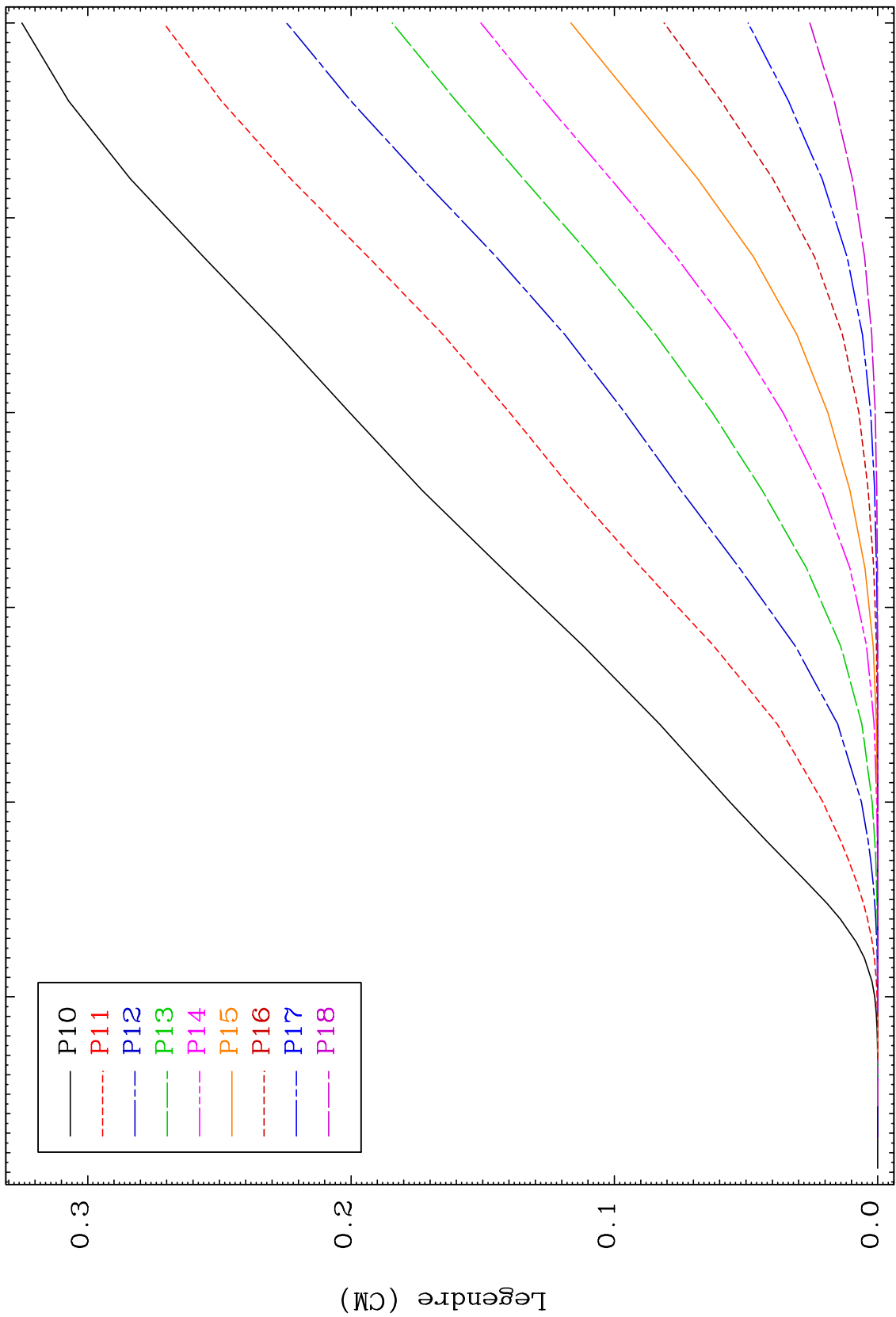




MAT 5734

Elastic Legendre Coefficients

57-La-141



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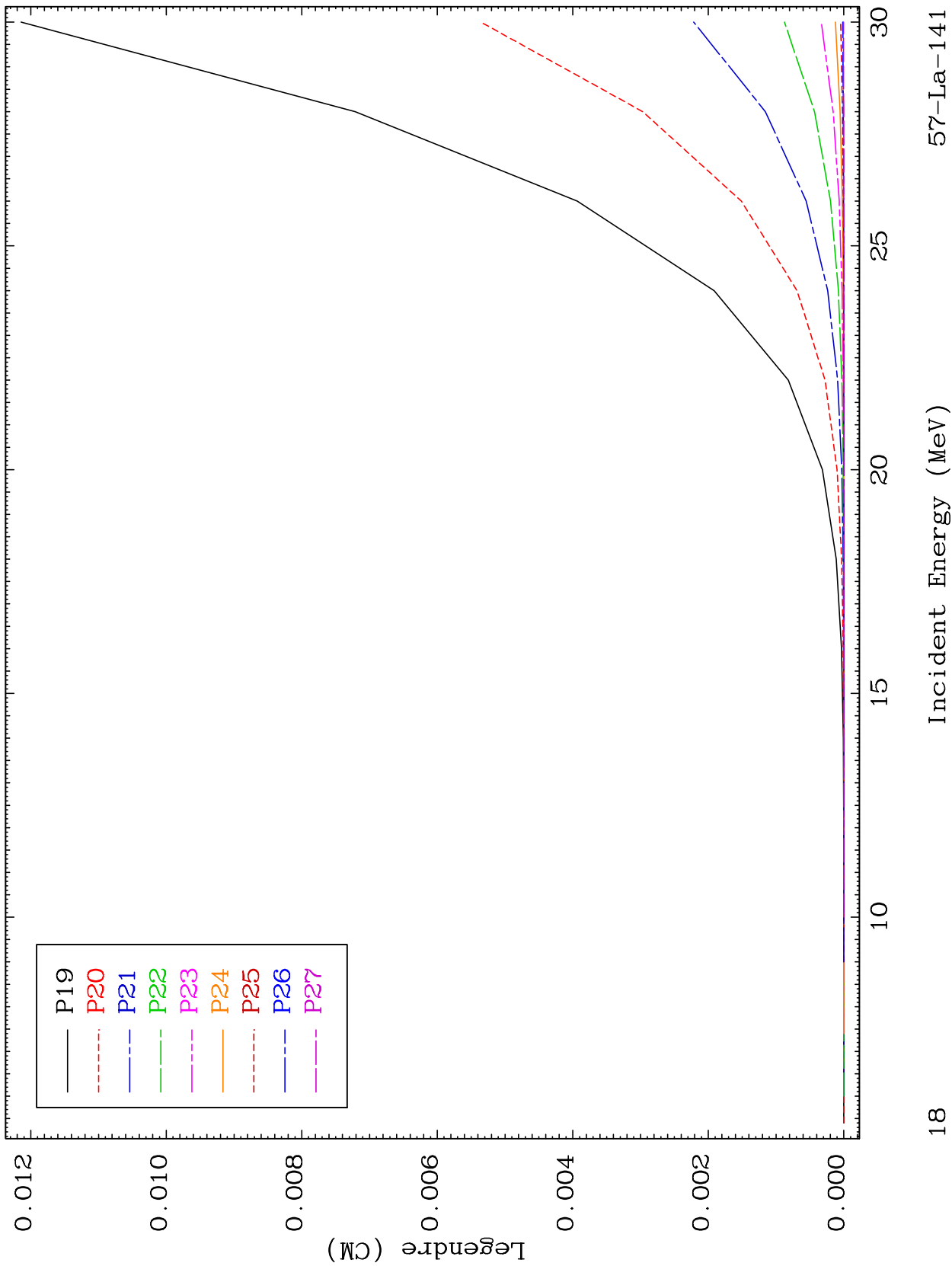
Incident Energy (MeV)

57-La-141

MAT 5734

Elastic Legendre Coefficients

57-La-141



18

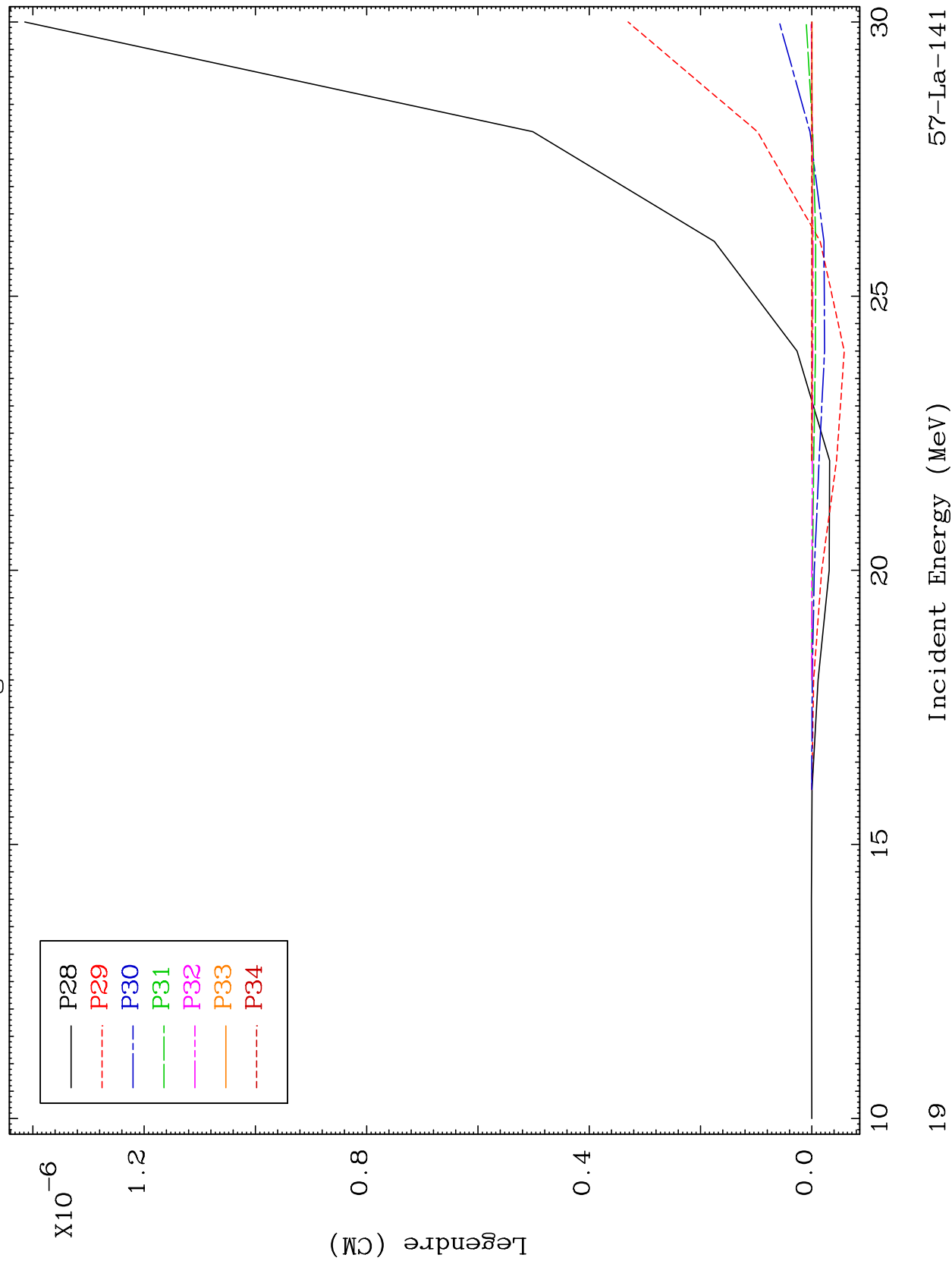
Incident Energy (MeV)

57-La-141

MAT 5734

Elastic
Legendre Coefficients

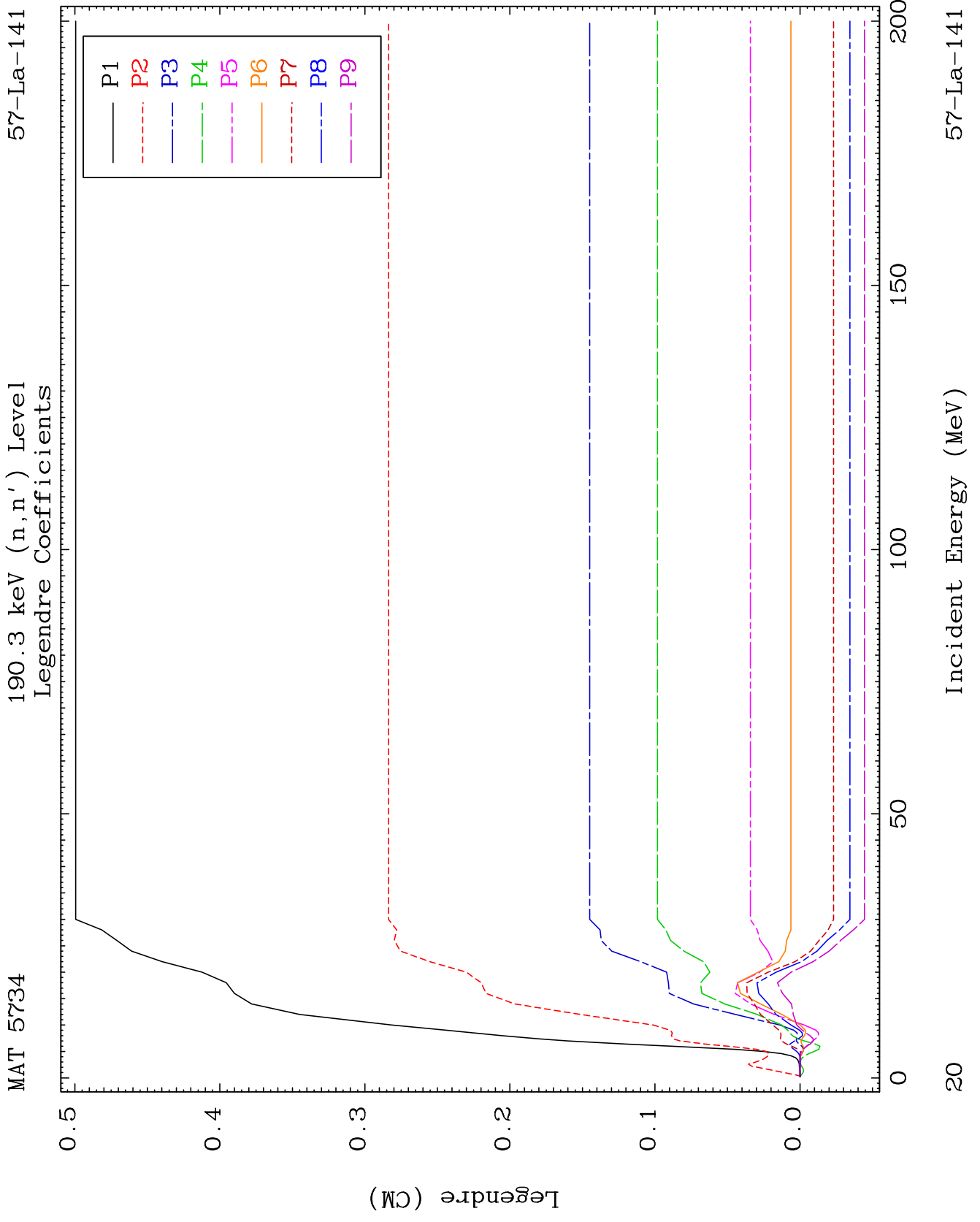
57-La-141

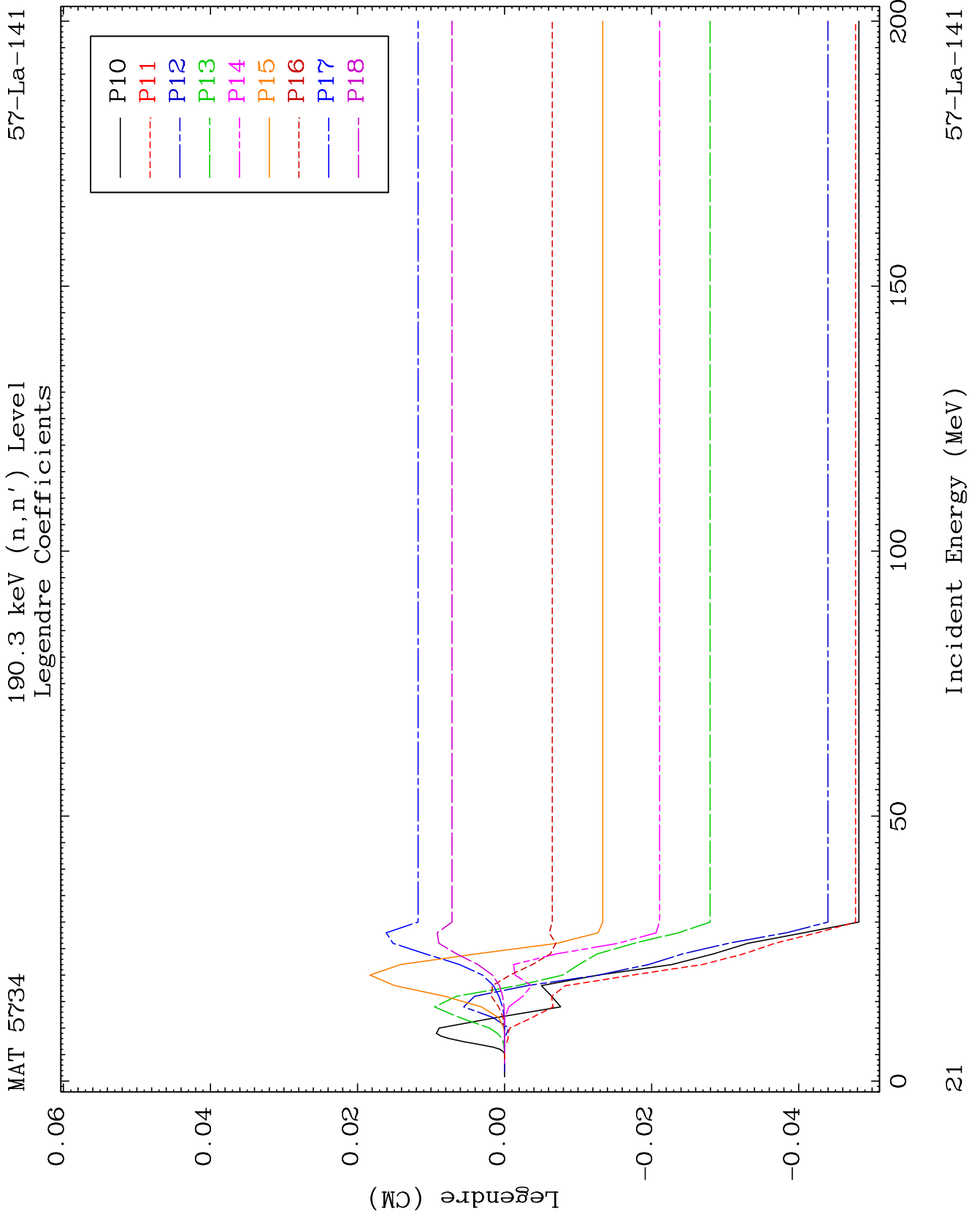


19

Incident Energy (MeV)

57-La-141

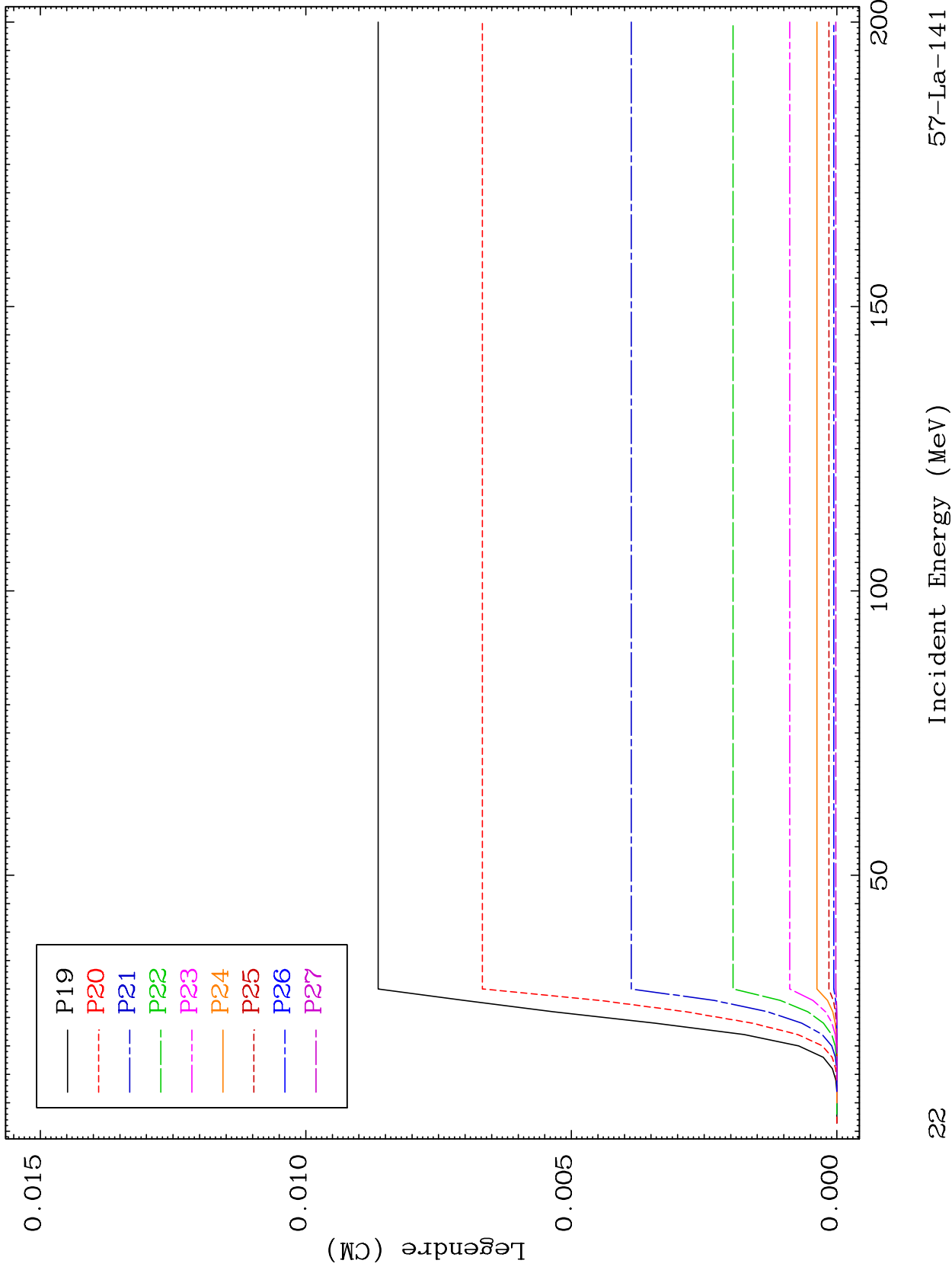




MAT 5734

190.3 keV (n,n') Level
Legendre Coefficients

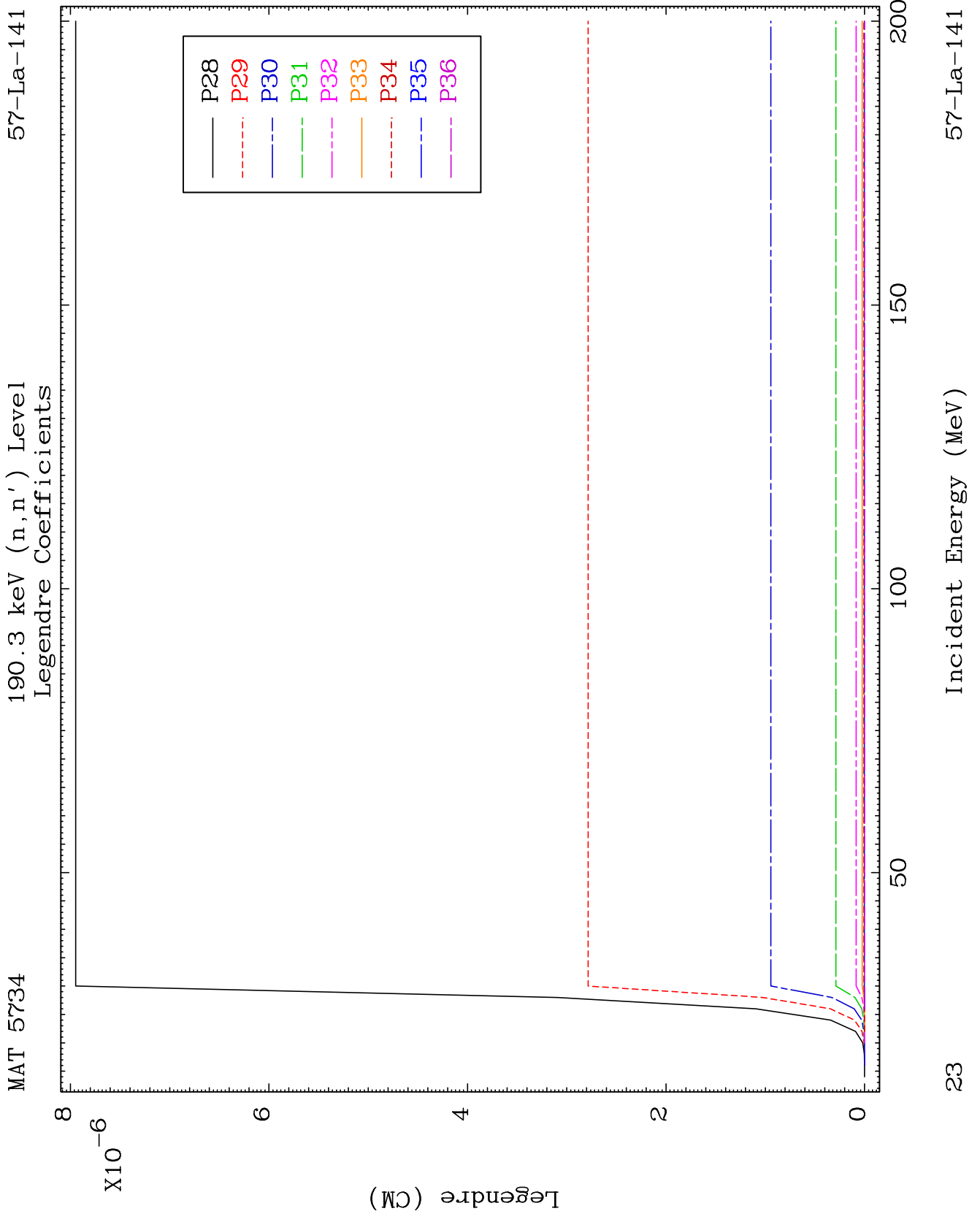
57-La-141



22

Incident Energy (MeV)

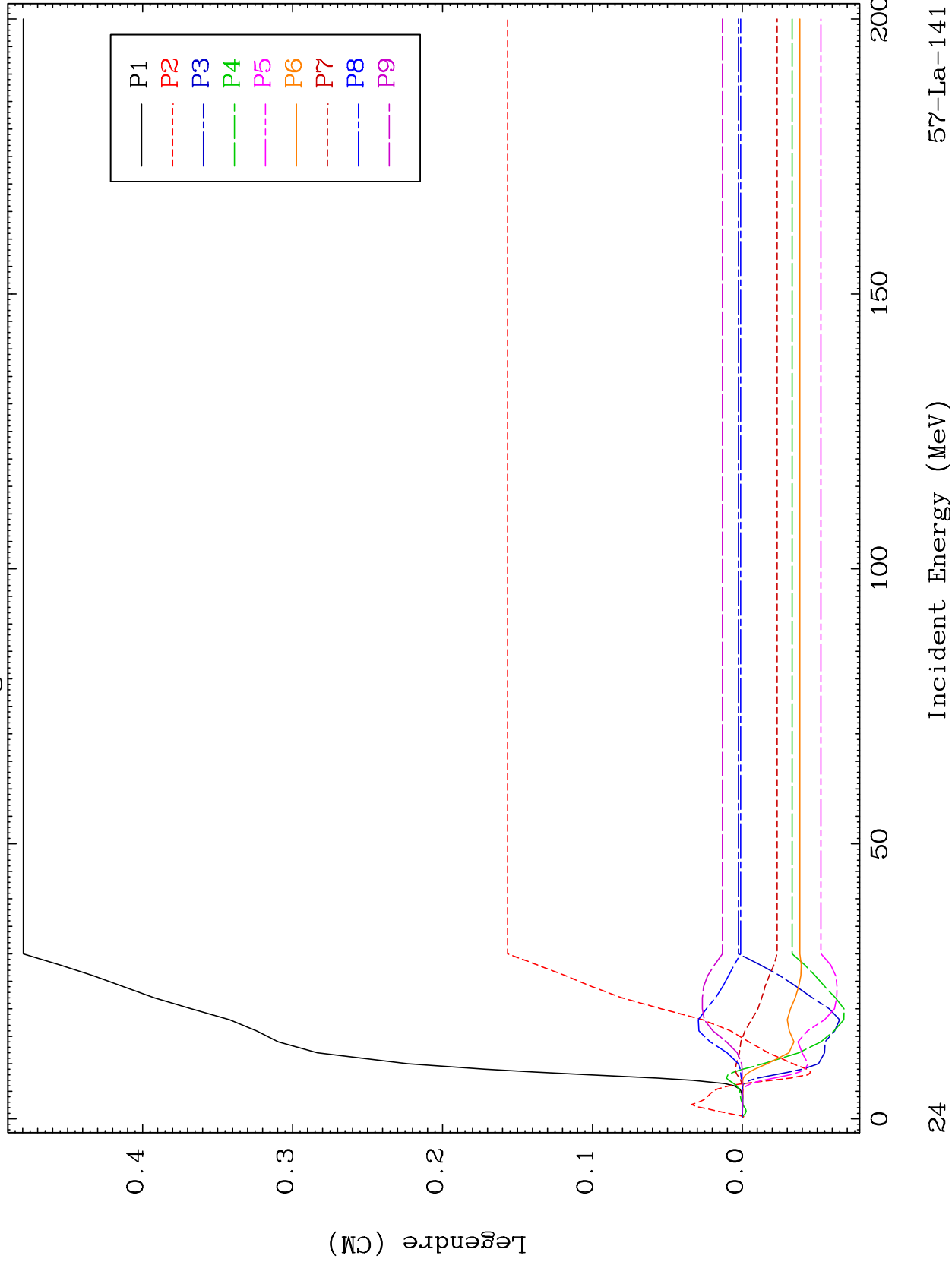
57-La-141



MAT 5734

304.2 keV (n,n') Level
Legendre Coefficients

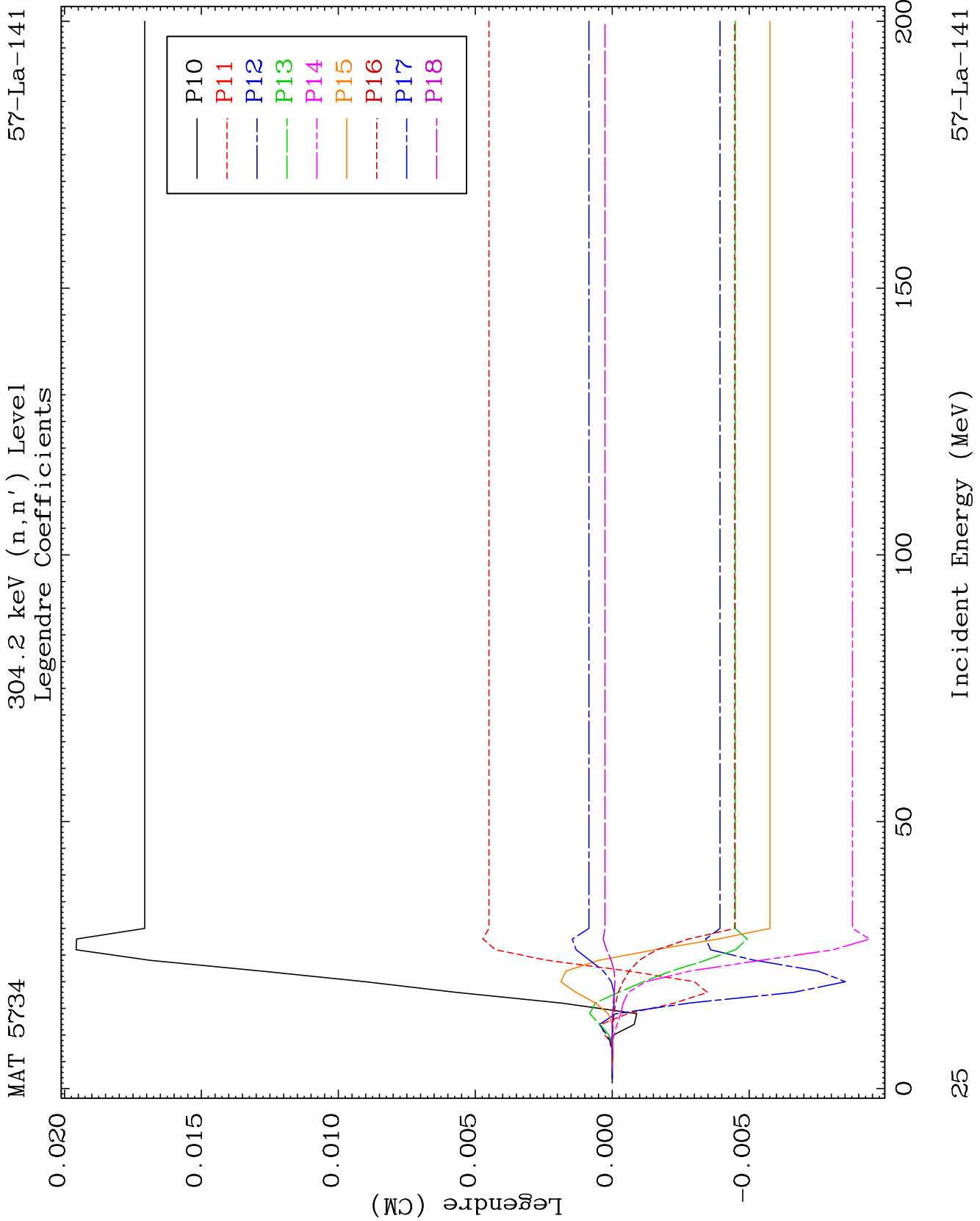
57-La-141

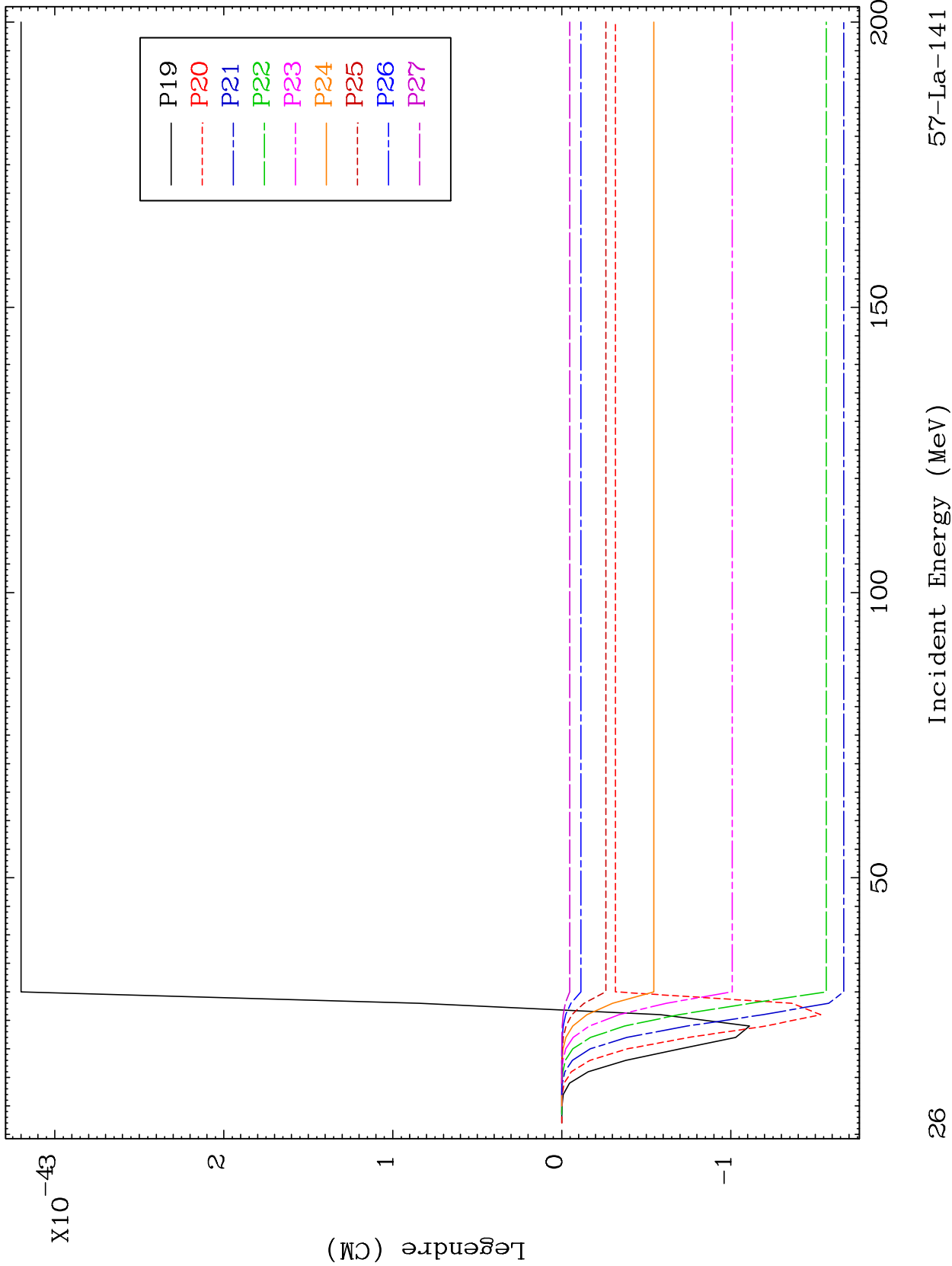


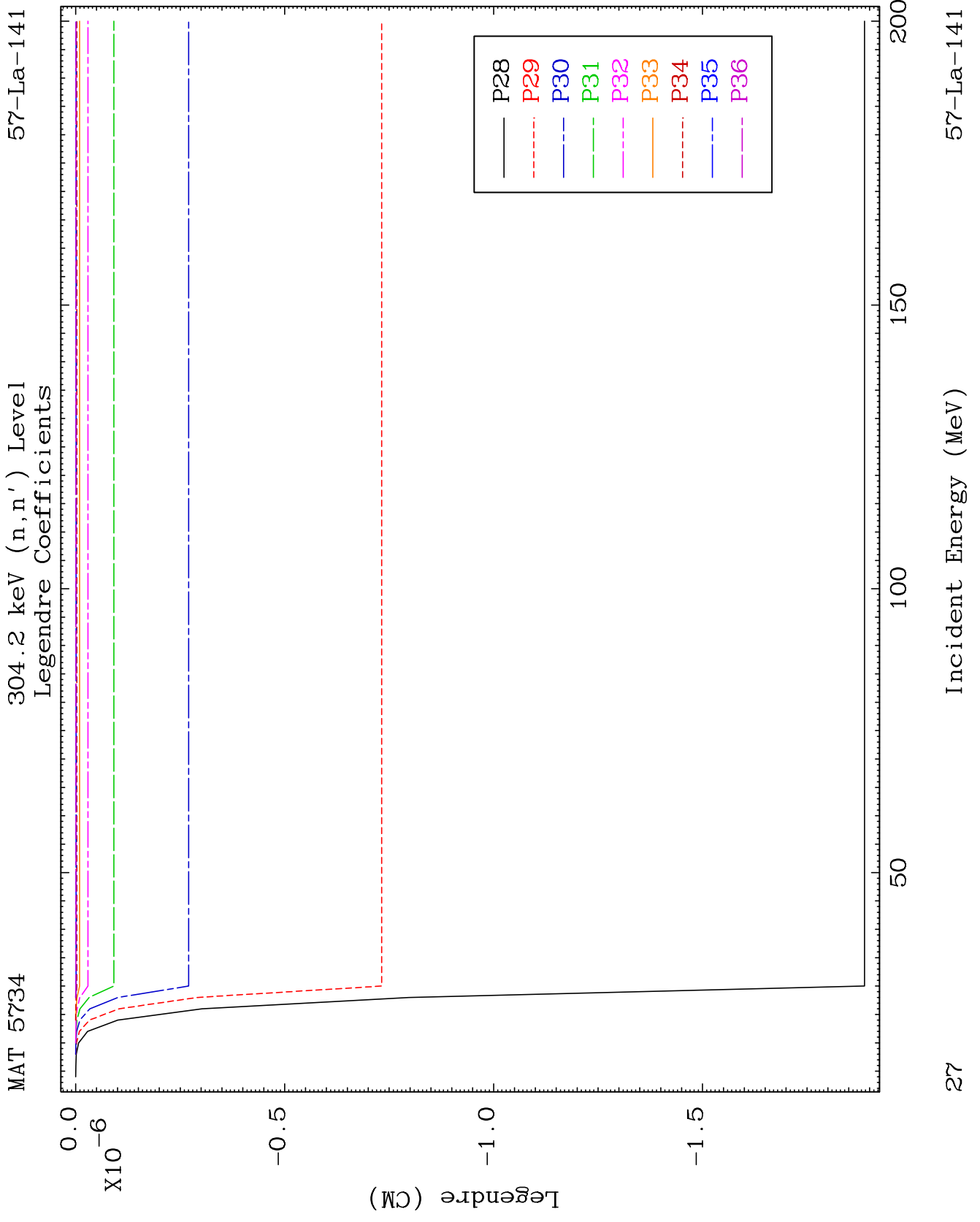
57-La-141

Incident Energy (MeV)

24



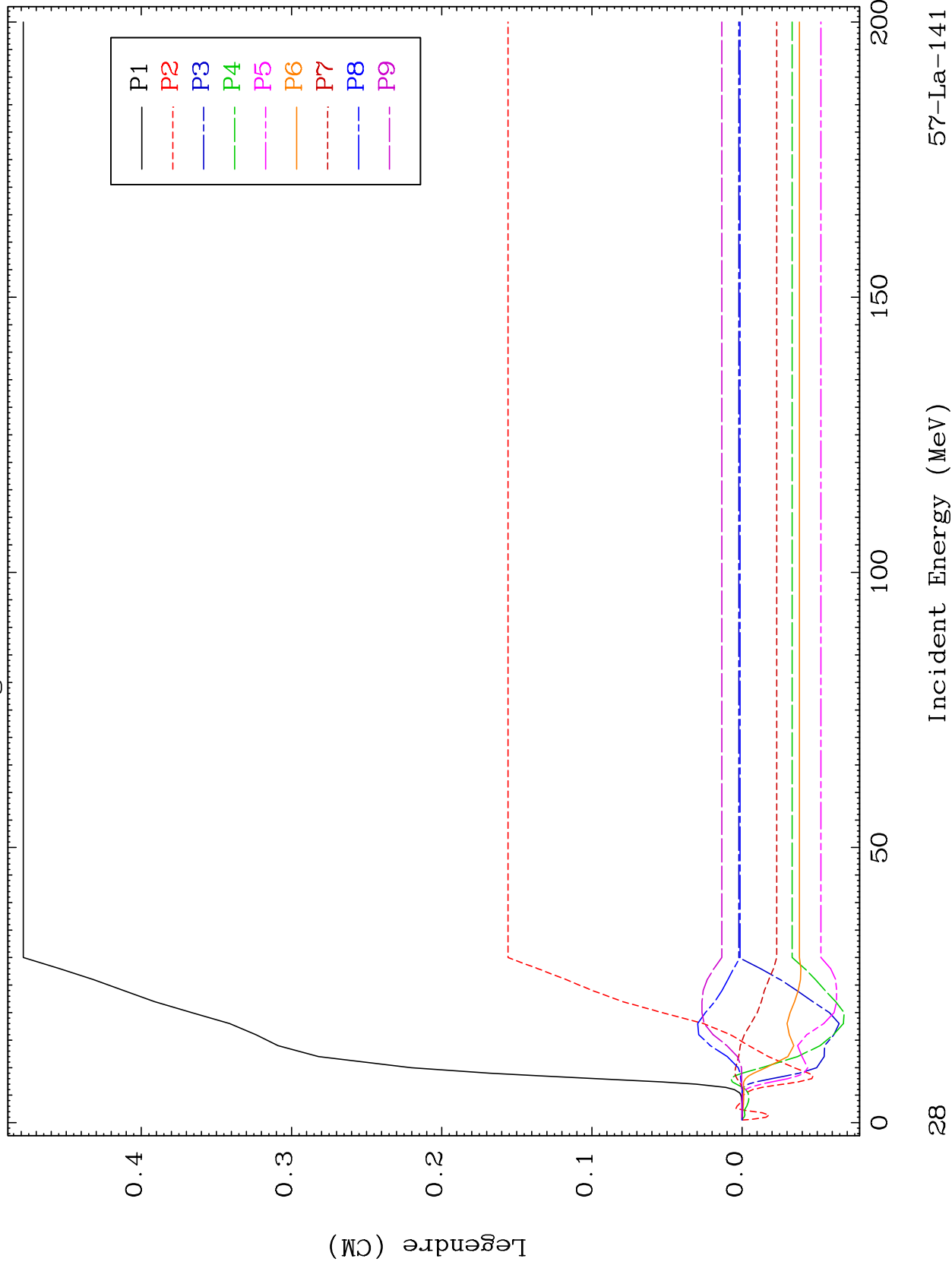




MAT 5734

467.3 keV (n,n') Level
Legendre Coefficients

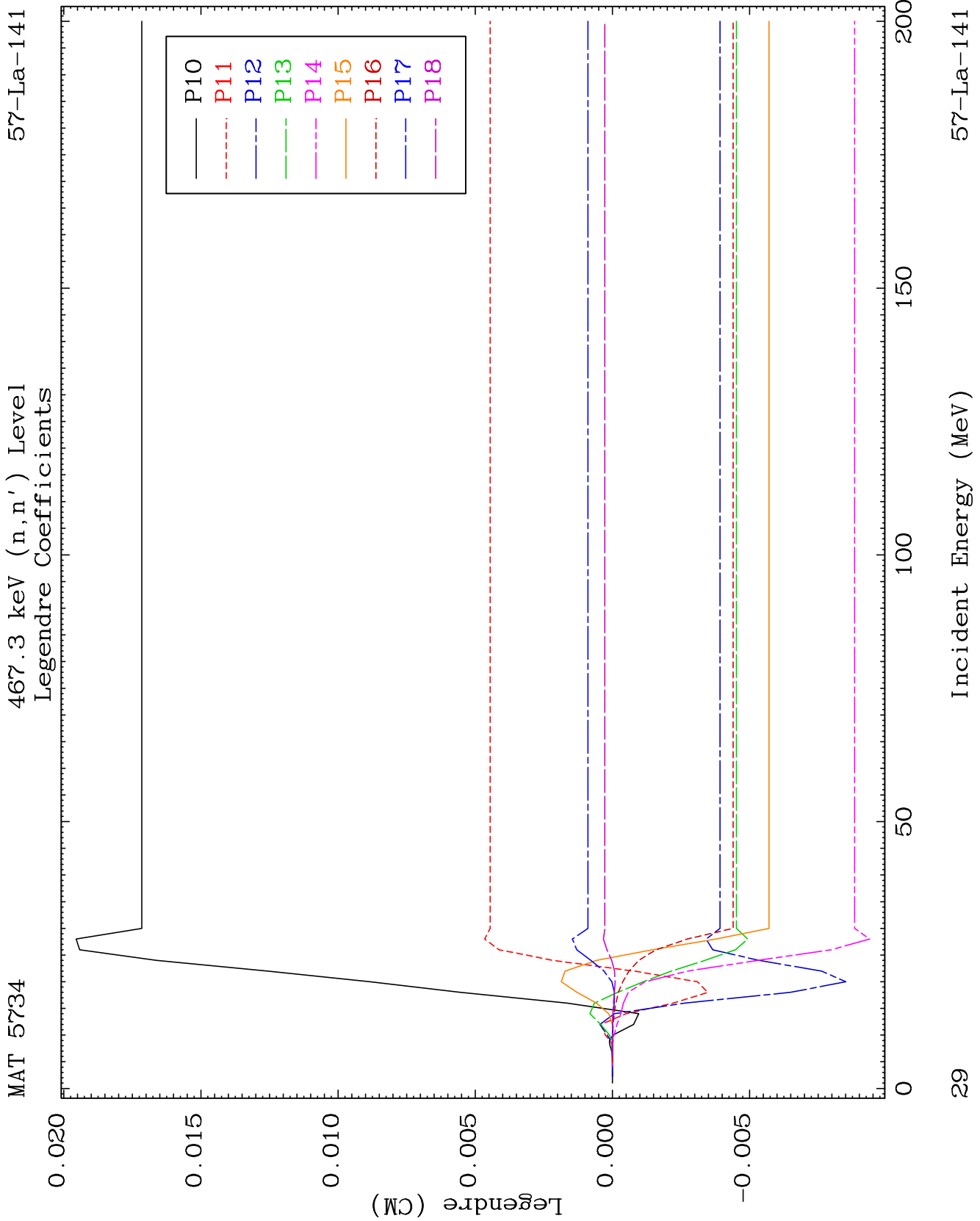
57-La-141



57-La-141

Incident Energy (MeV)

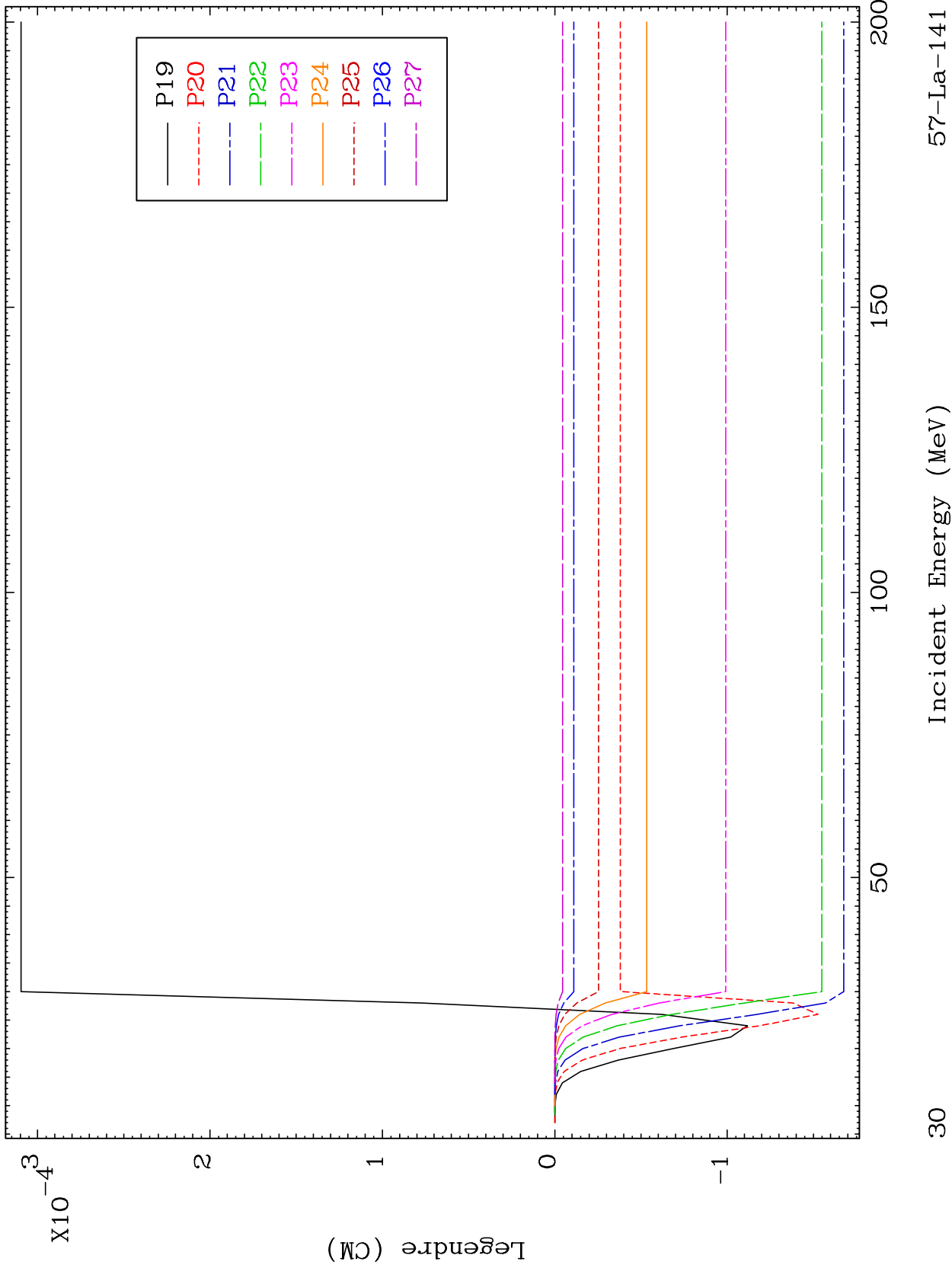
28



MAT 5734

467.3 keV (n,n') Level
Legendre Coefficients

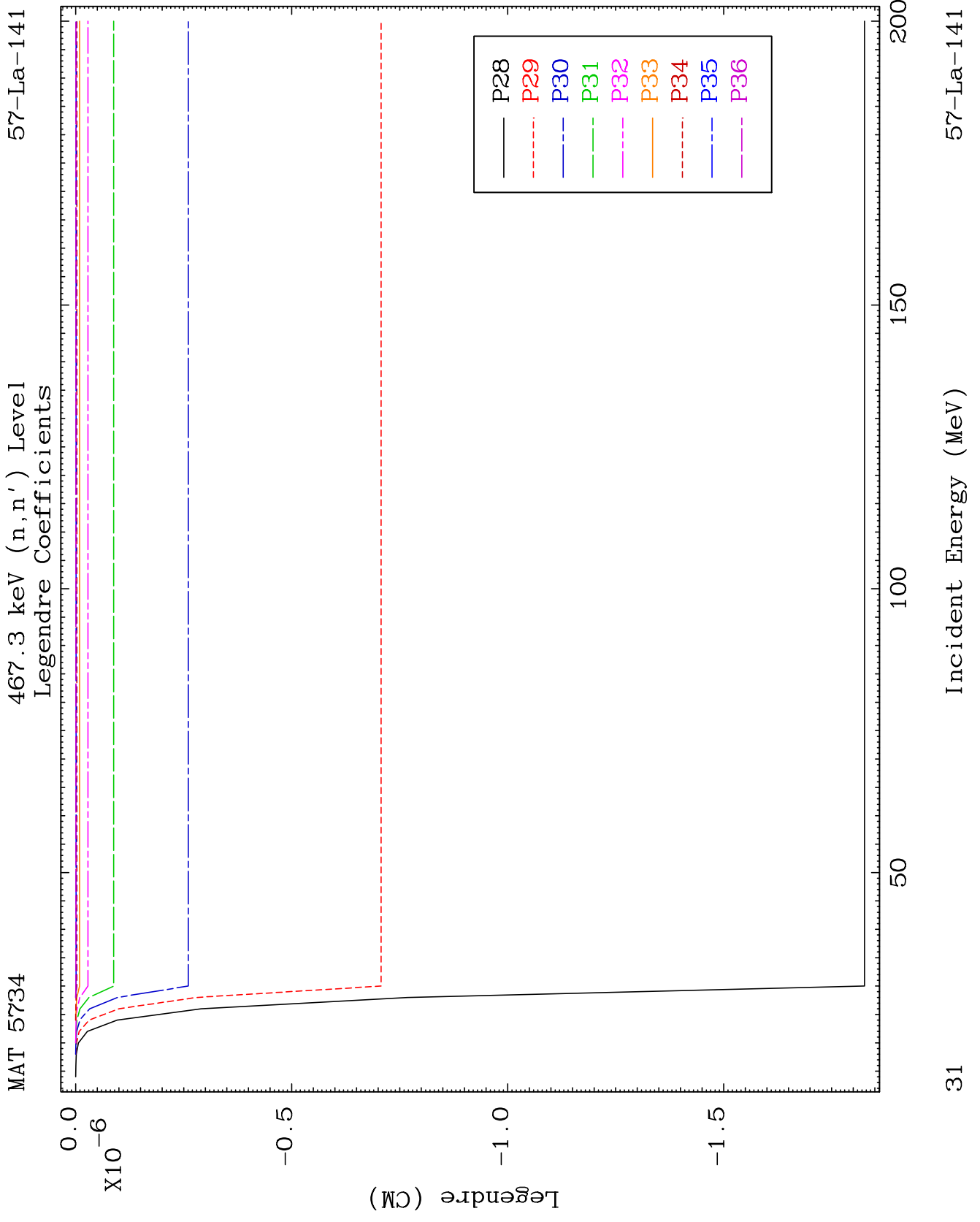
57-La-141

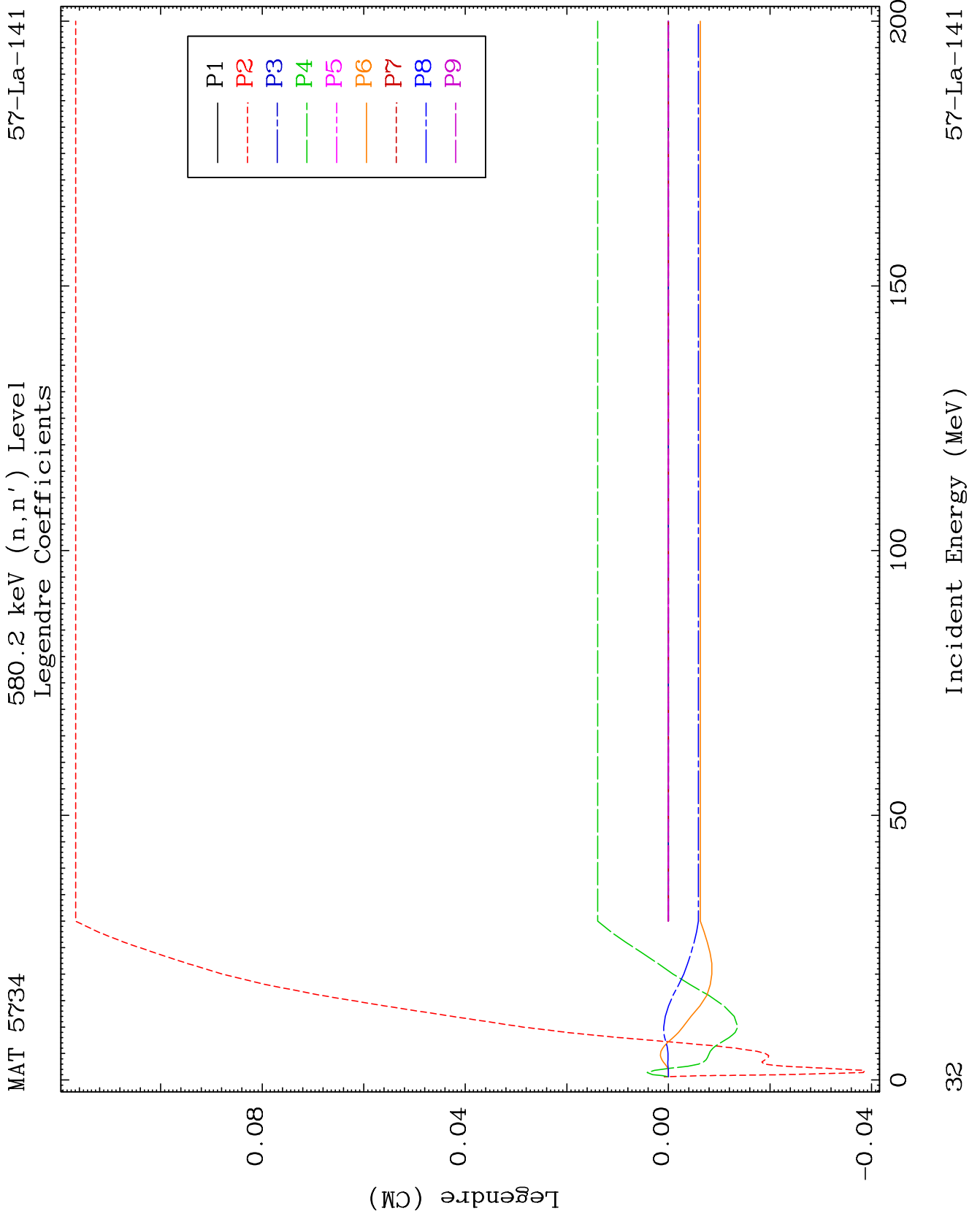


30

Incident Energy (MeV)

57-La-141

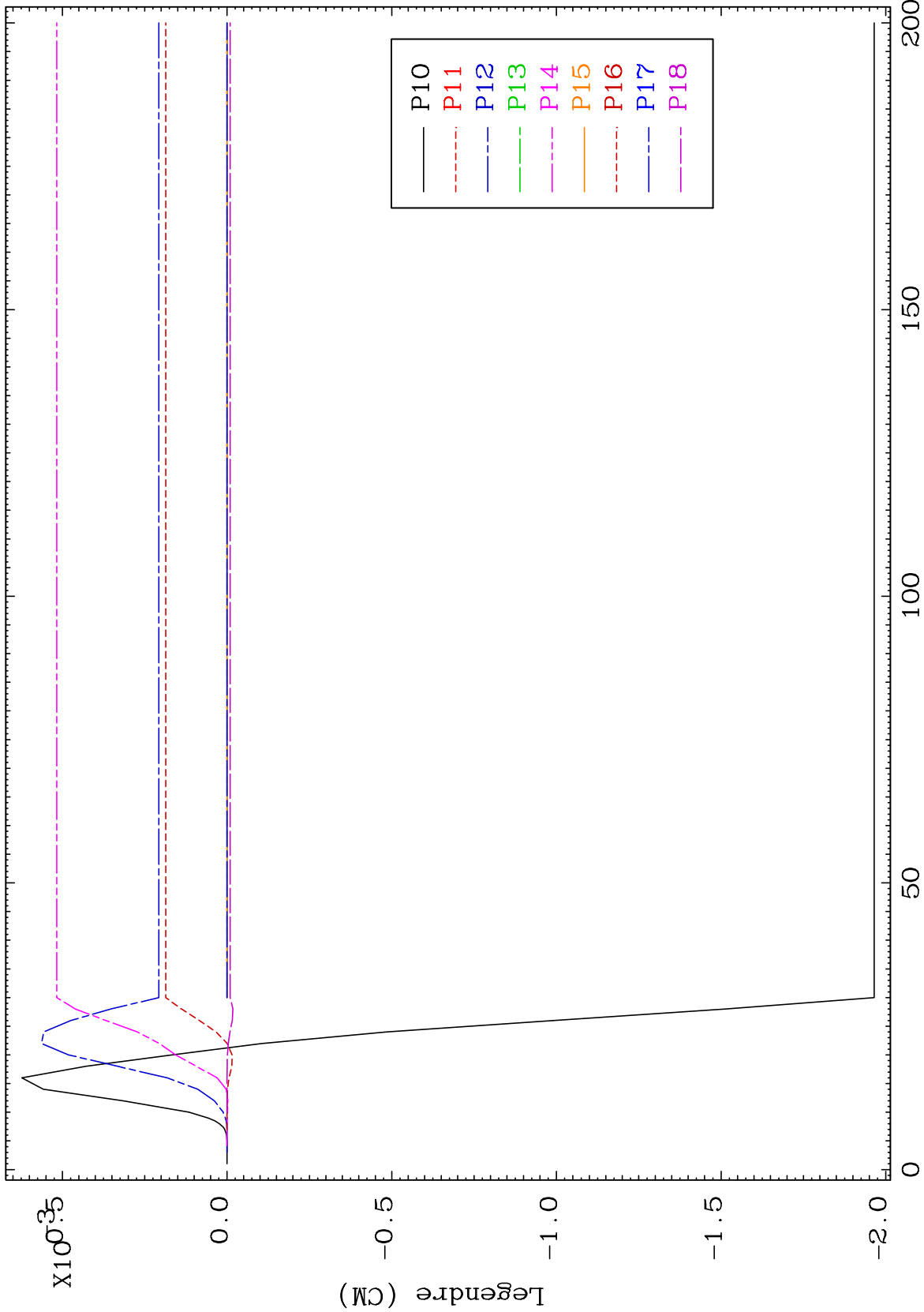


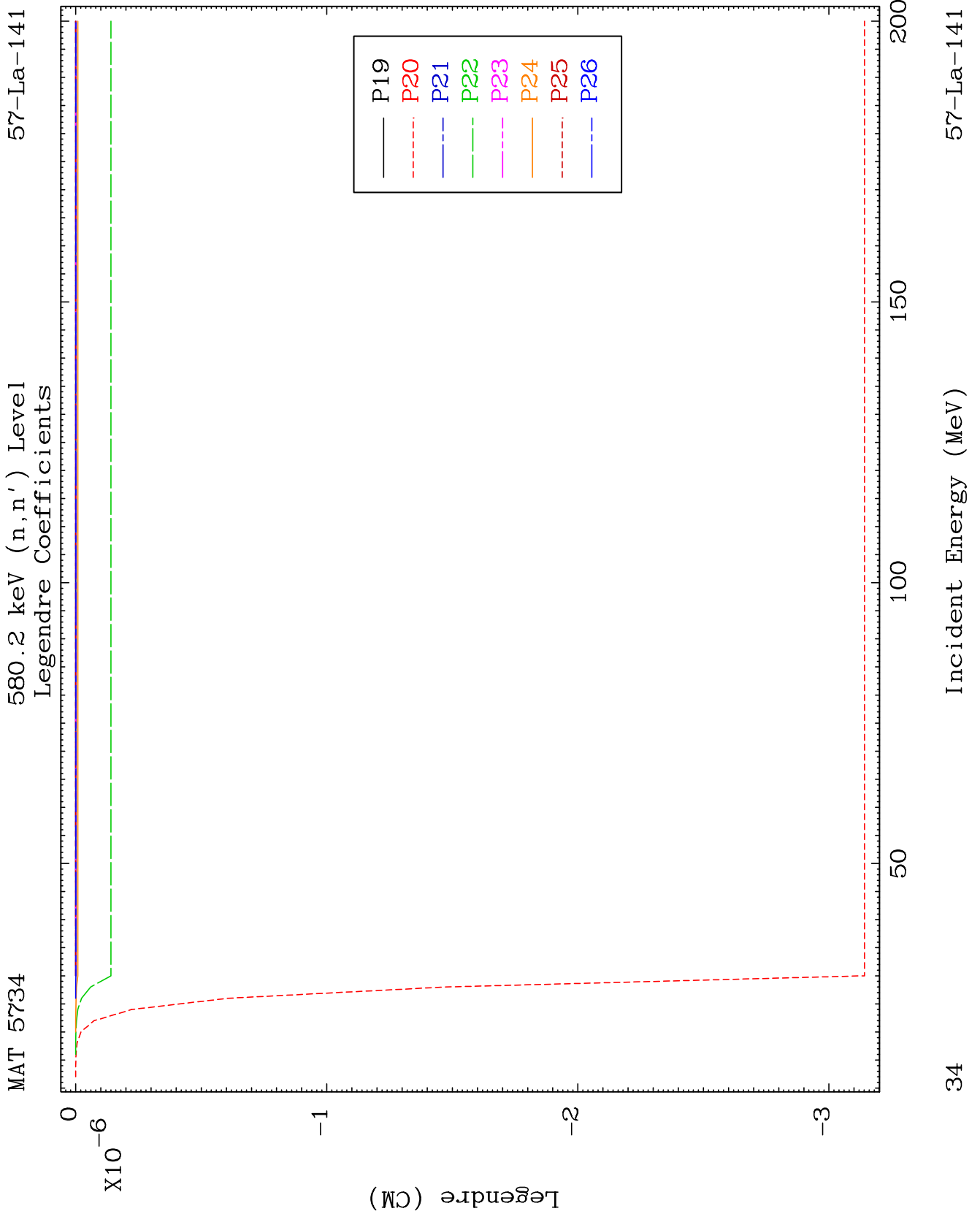


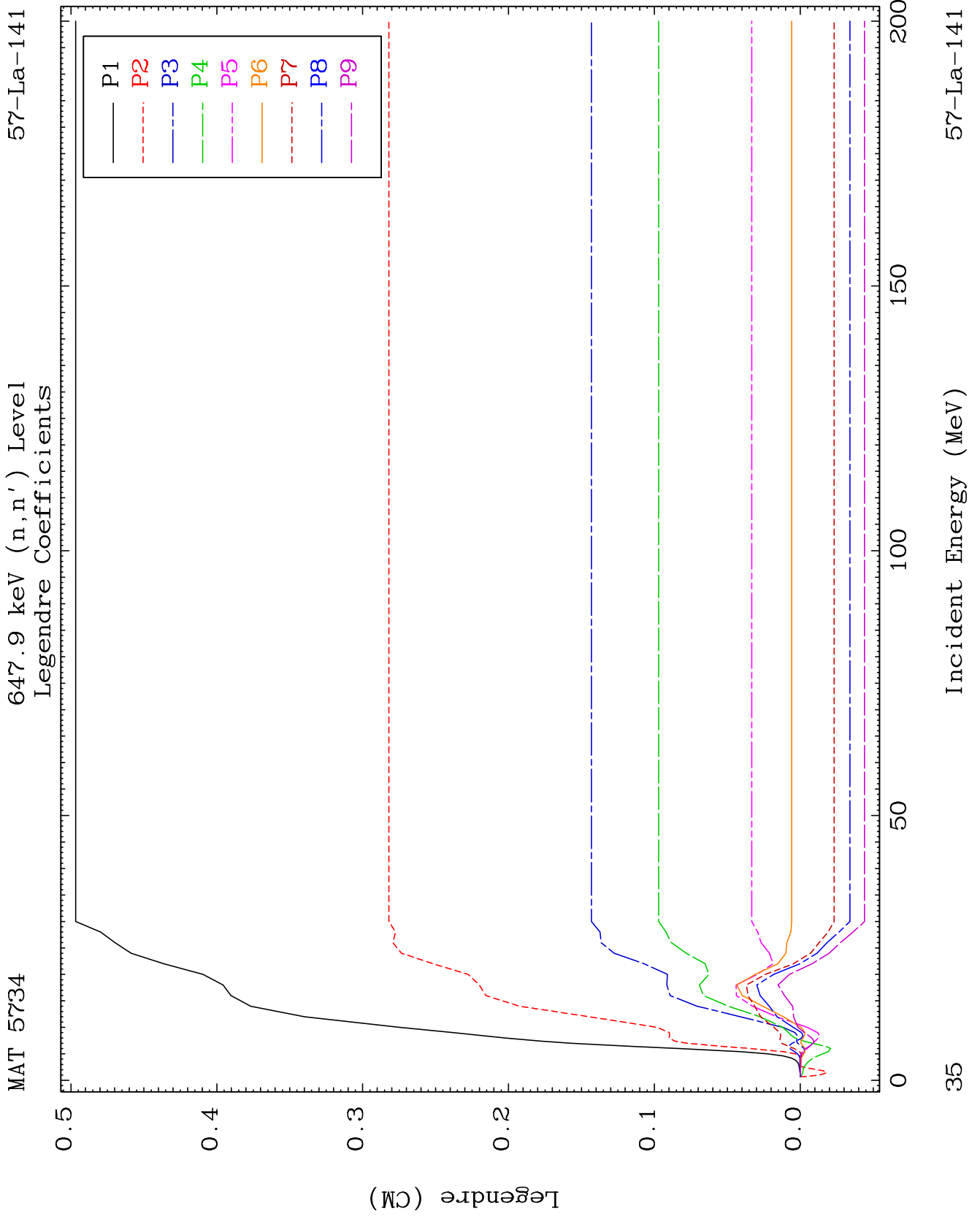
MAT 5734

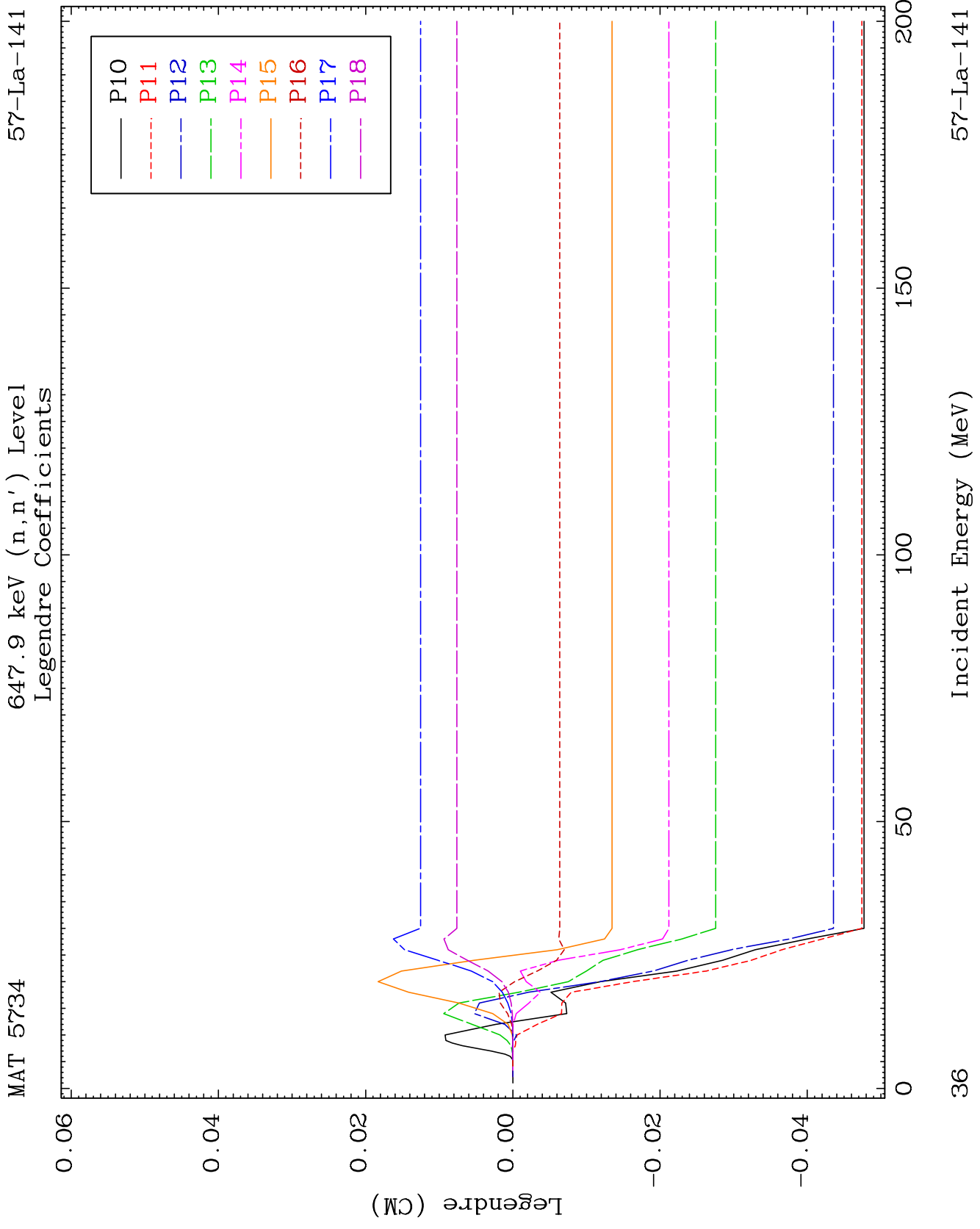
580.2 keV (n,n') Level
Legendre Coefficients

57-La-141





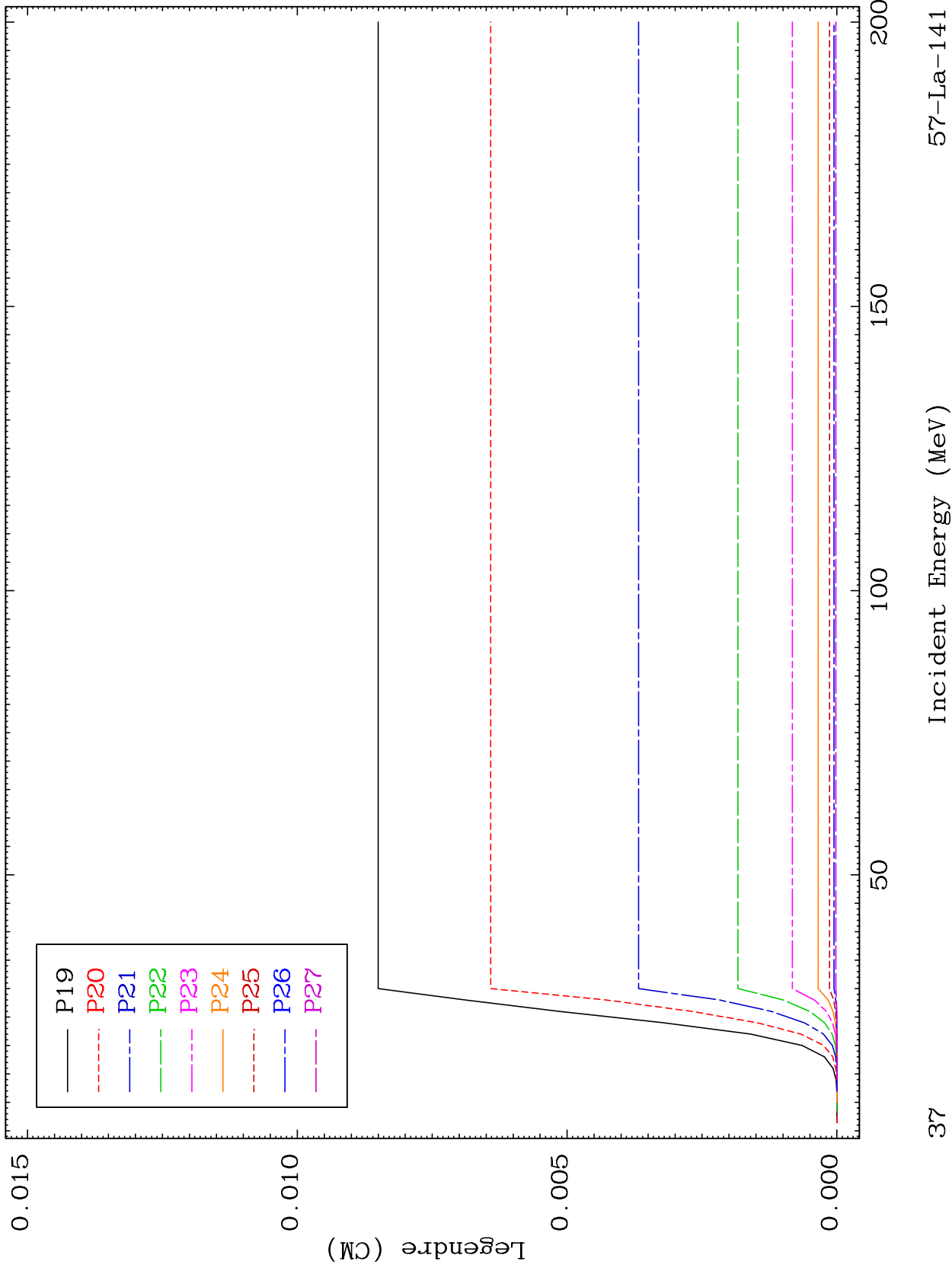




MAT 5734

647.9 keV (n,n') Level
Legendre Coefficients

57-La-141



37

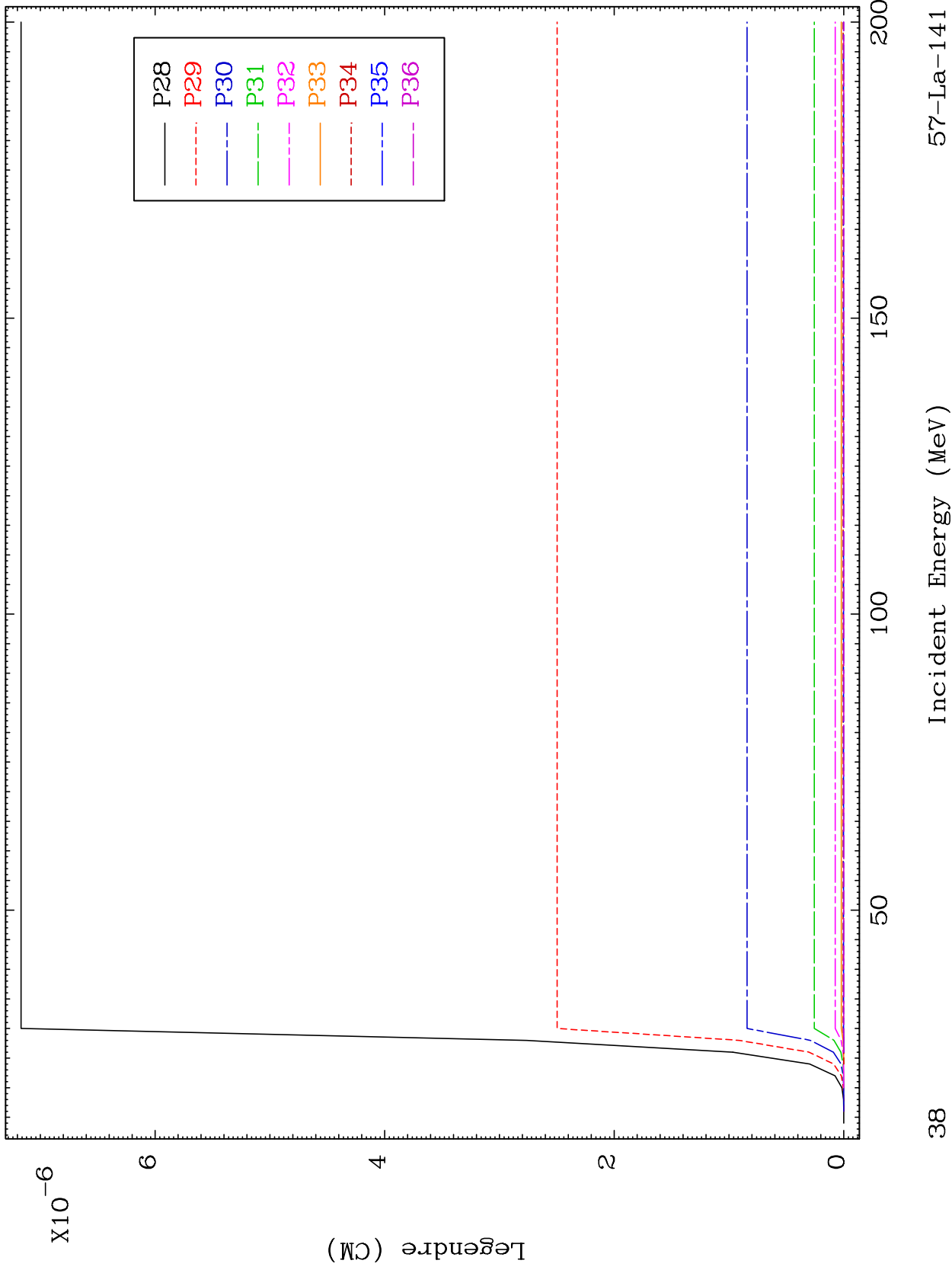
Incident Energy (MeV)

57-La-141

MAT 5734

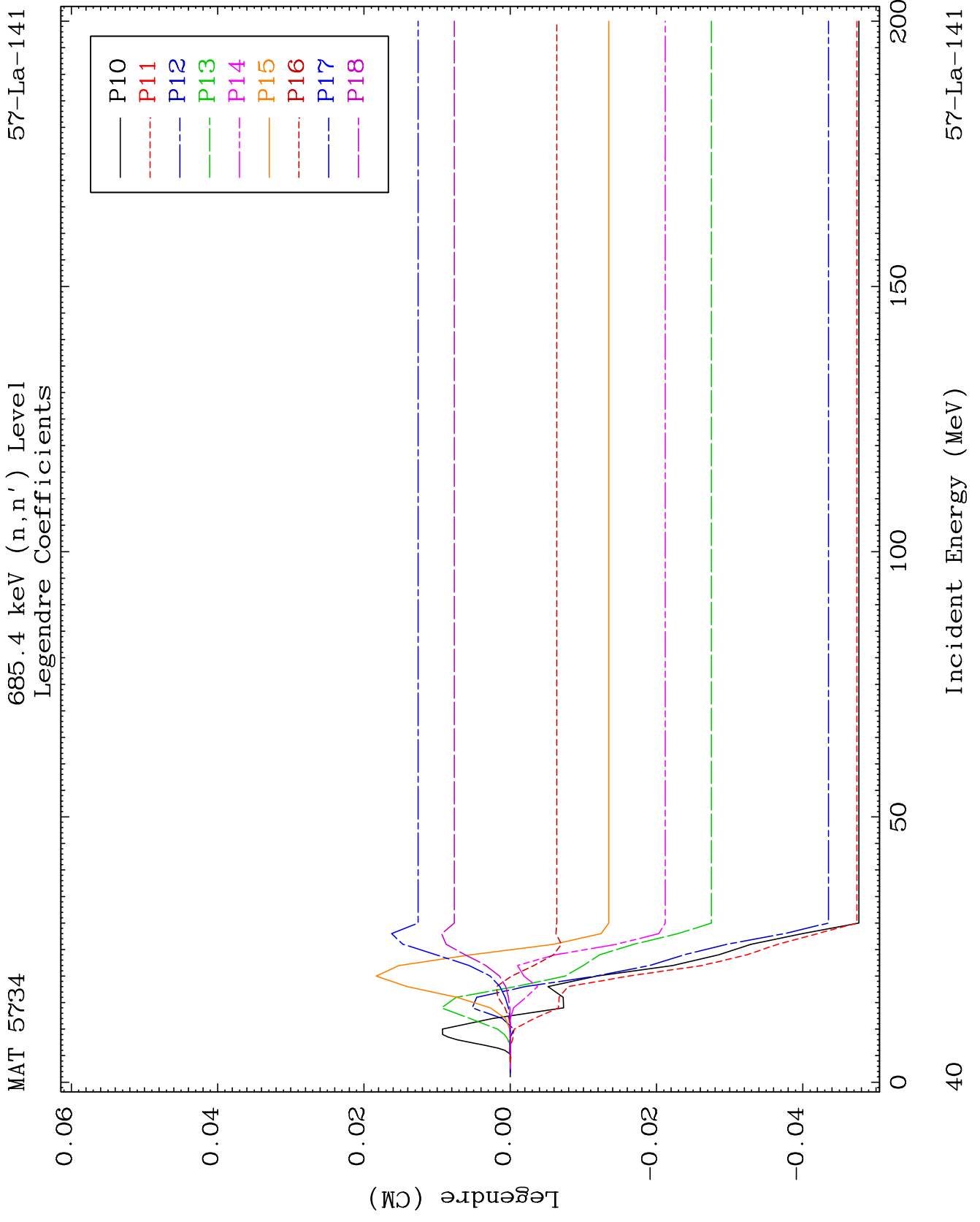
647.9 keV (n,n') Level
Legendre Coefficients

57-La-141



38

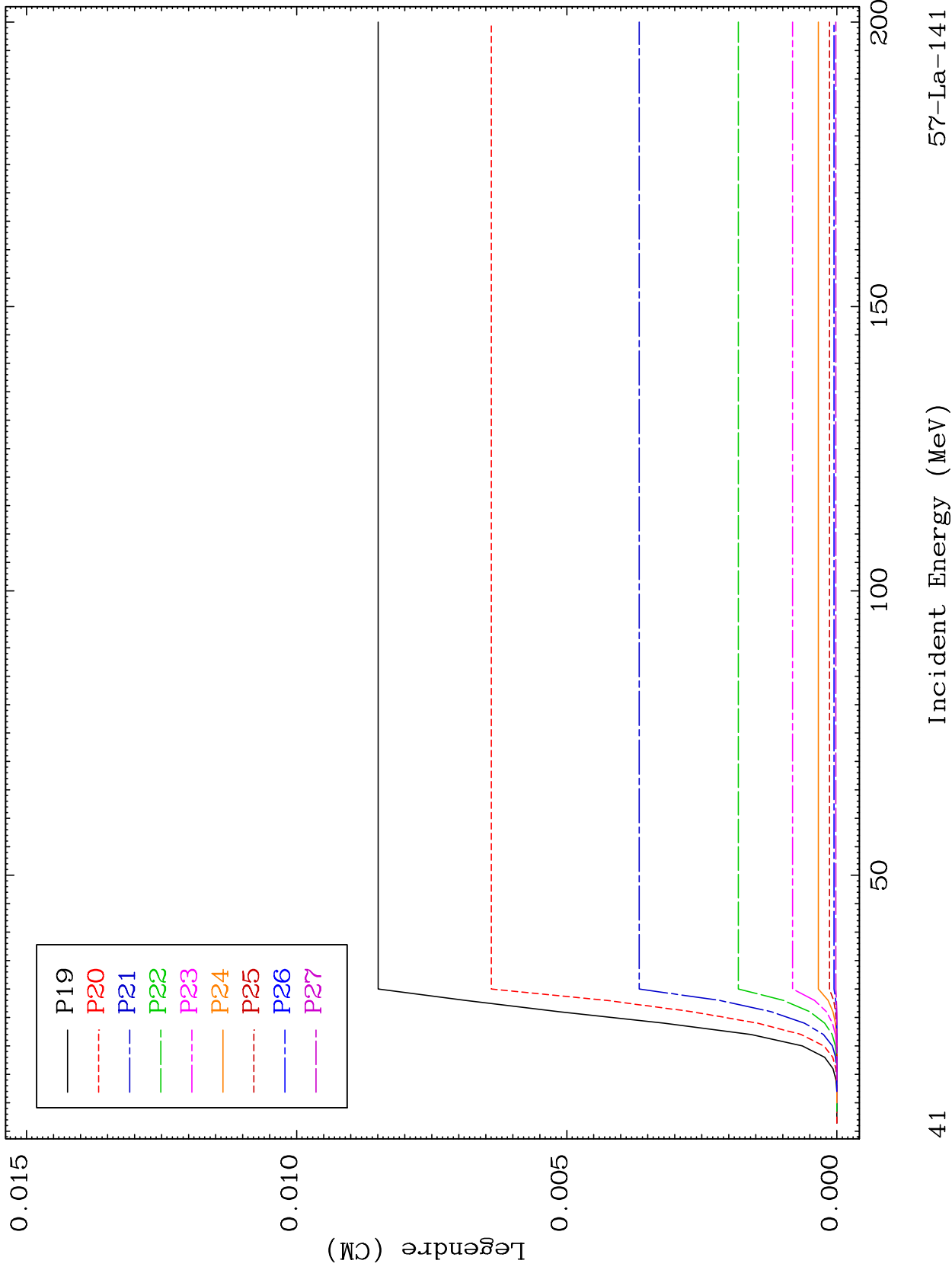
57-La-141



MAT 5734

685.4 keV (n,n') Level
Legendre Coefficients

57-La-141



41

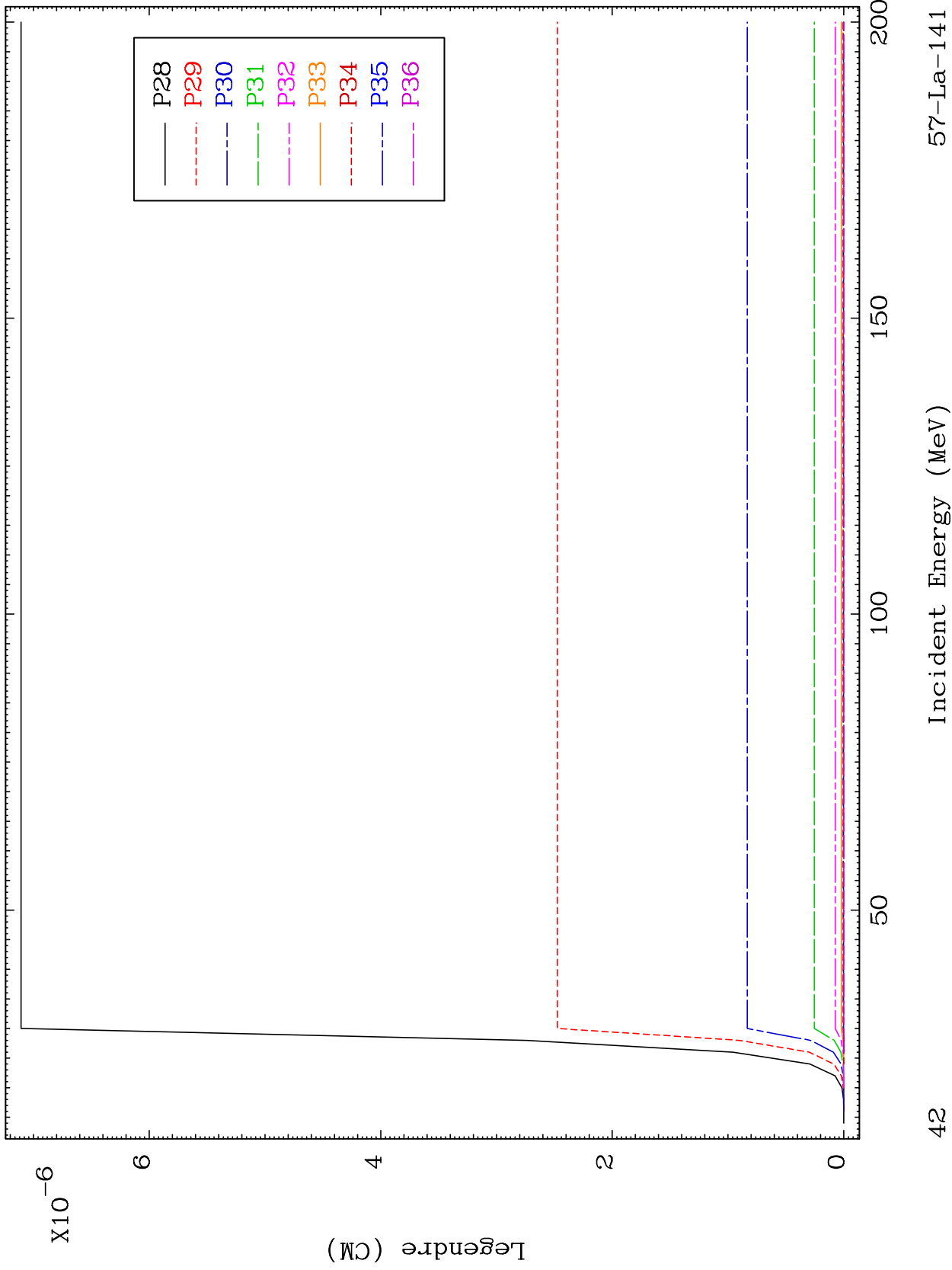
Incident Energy (MeV)

57-La-141

MAT 5734

685.4 keV (n,n') Level
Legendre Coefficients

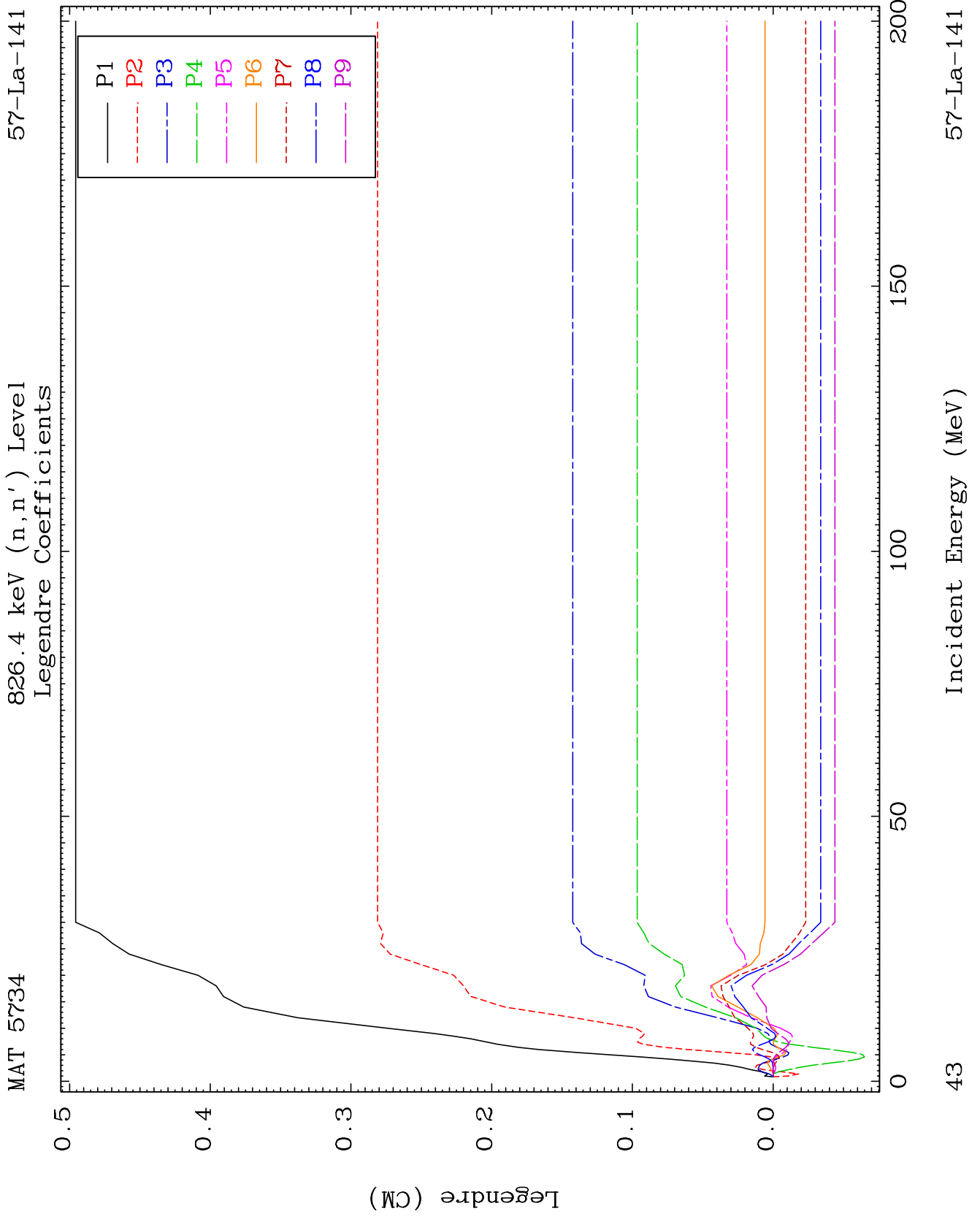
57-La-141

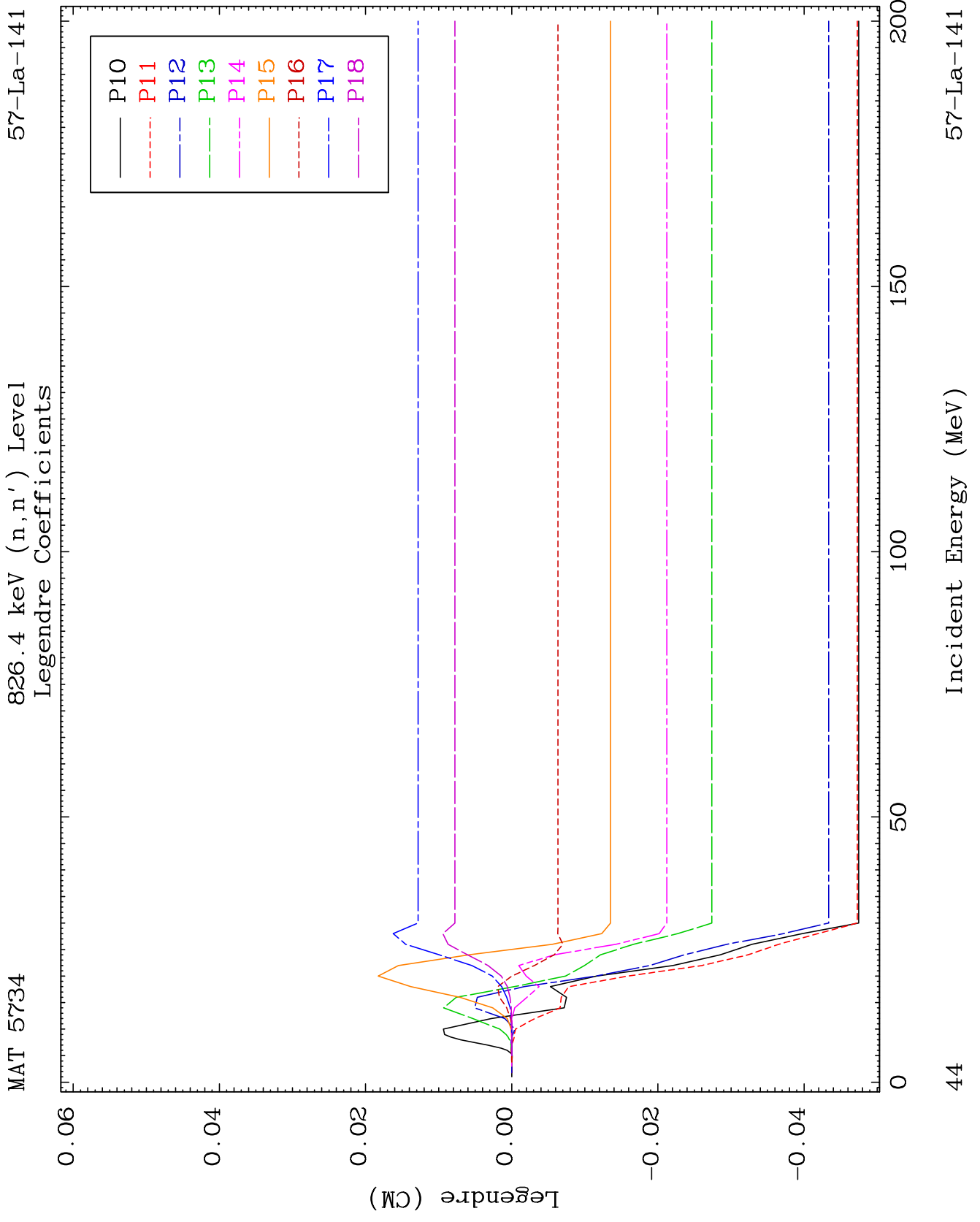


42

Incident Energy (MeV)

57-La-141

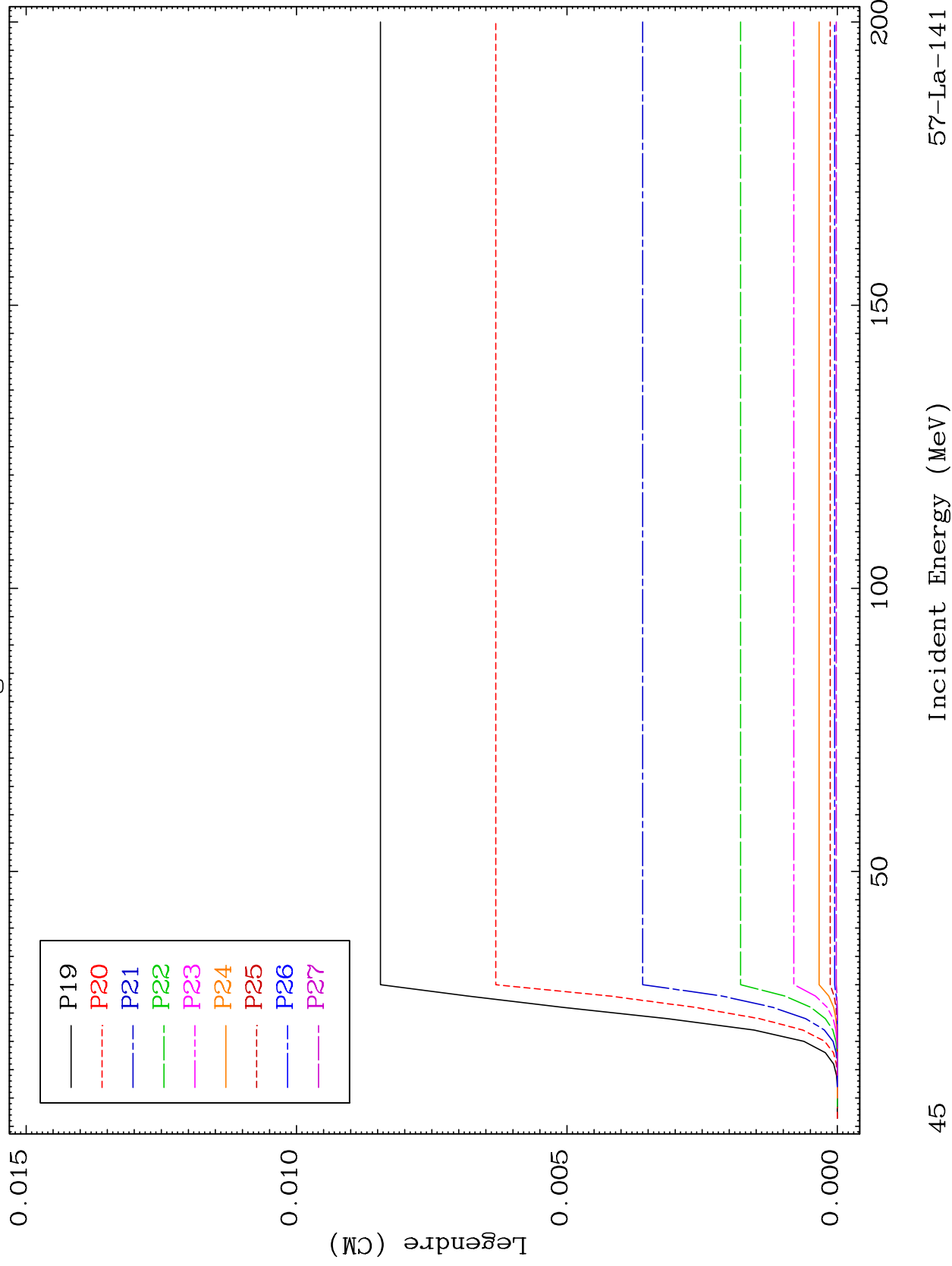




MAT 5734

826.4 keV (n,n') Level
Legendre Coefficients

57-La-141



45

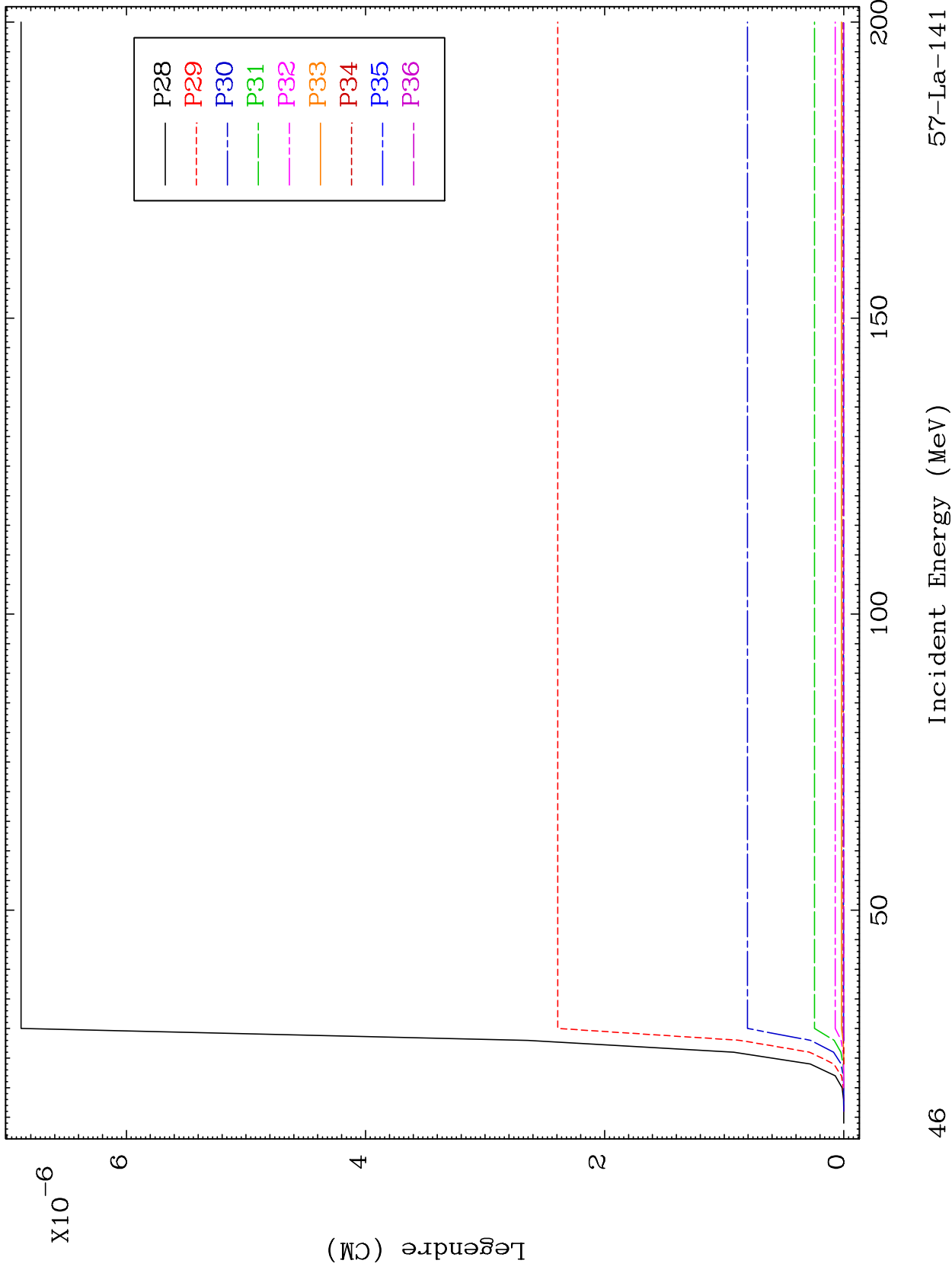
Incident Energy (MeV)

57-La-141

MAT 5734

826.4 keV (n,n') Level
Legendre Coefficients

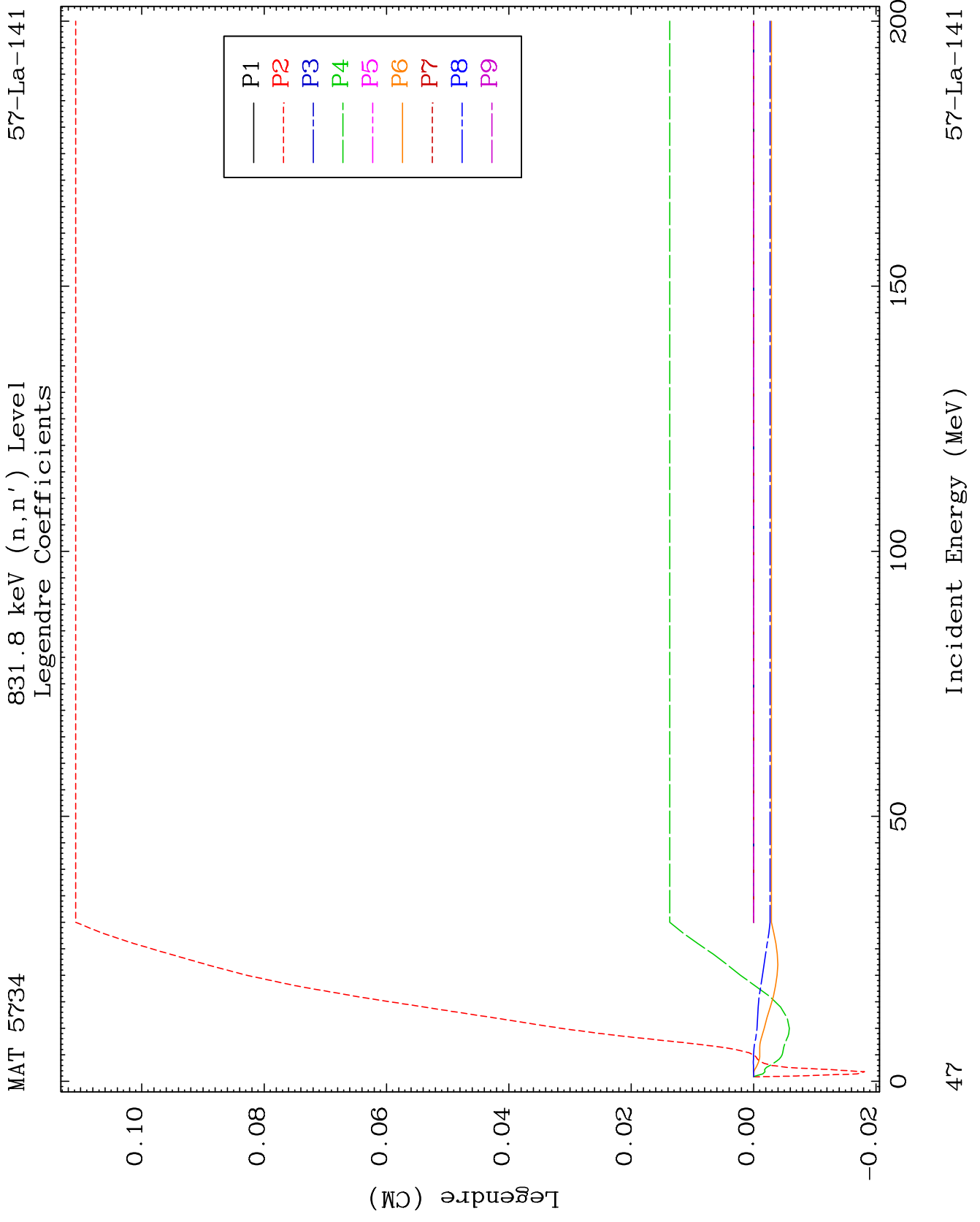
57-La-141



46

Incident Energy (MeV)

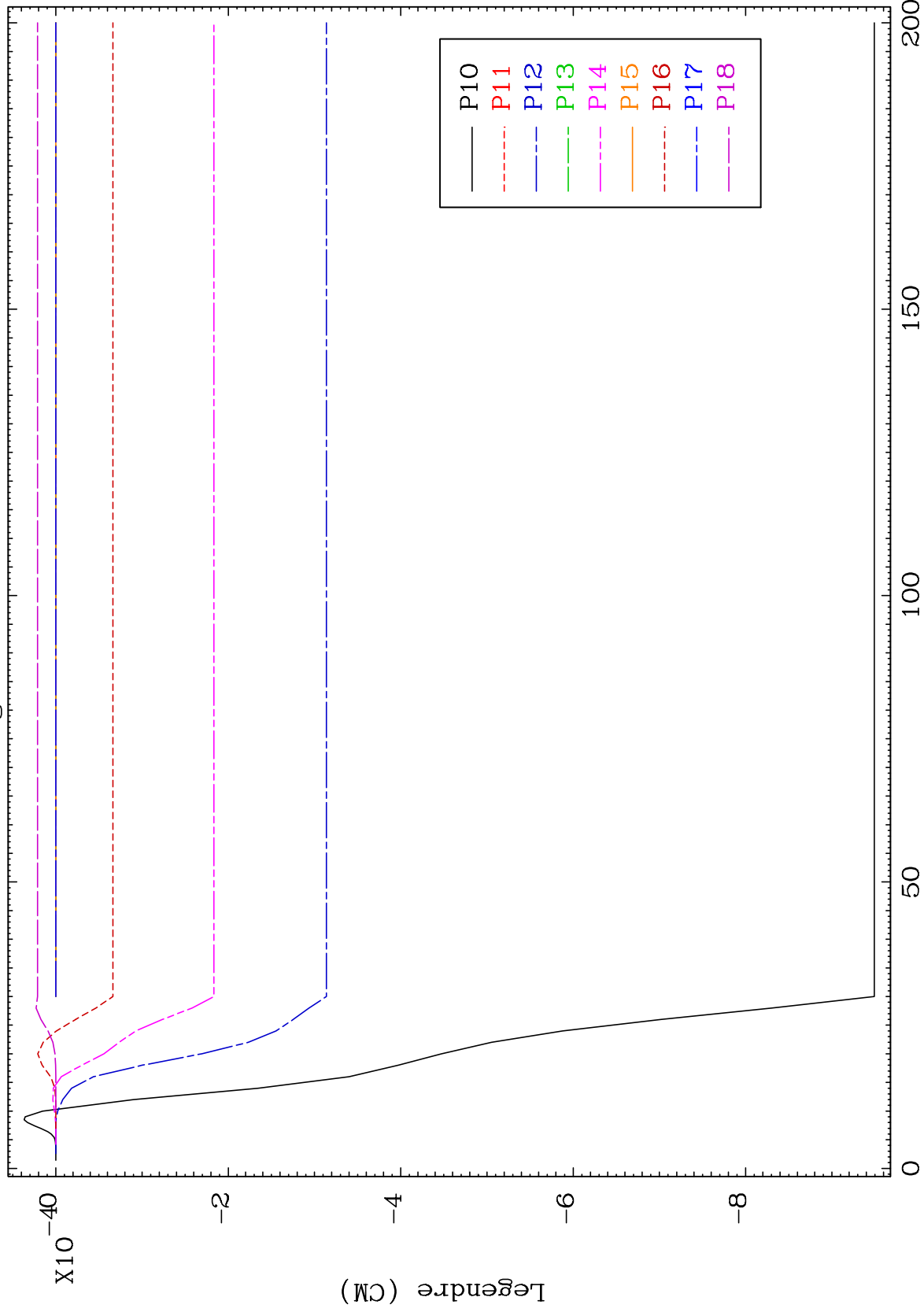
57-La-141



MAT 5734

831.8 keV (n,n') Level
Legendre Coefficients

57-La-141



48

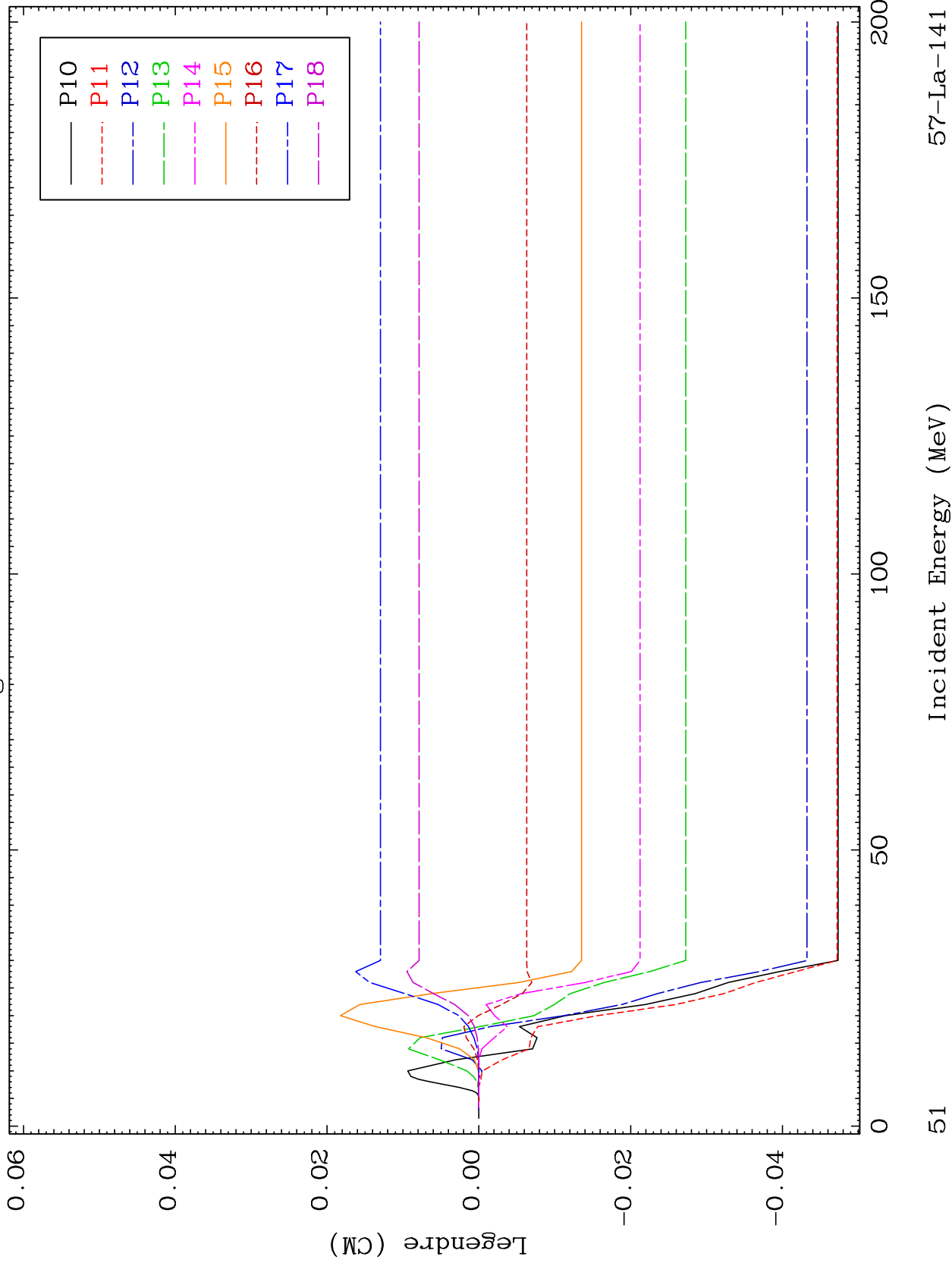
Incident Energy (MeV)

57-La-141

MAT 5734

929.4 keV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

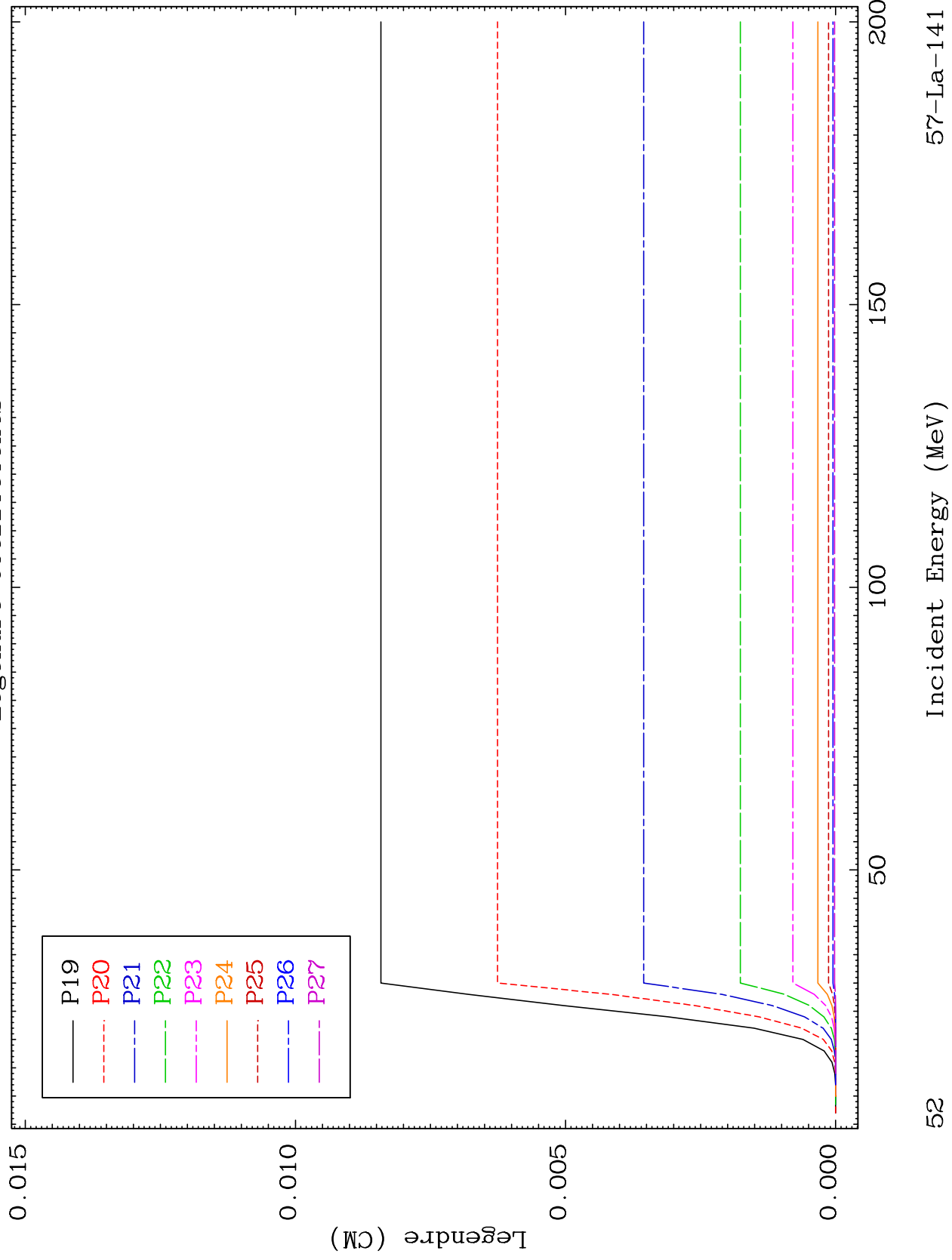
Incident Energy (MeV)

51

MAT 5734

929.4 keV (n,n') Level
Legendre Coefficients

57-La-141



52

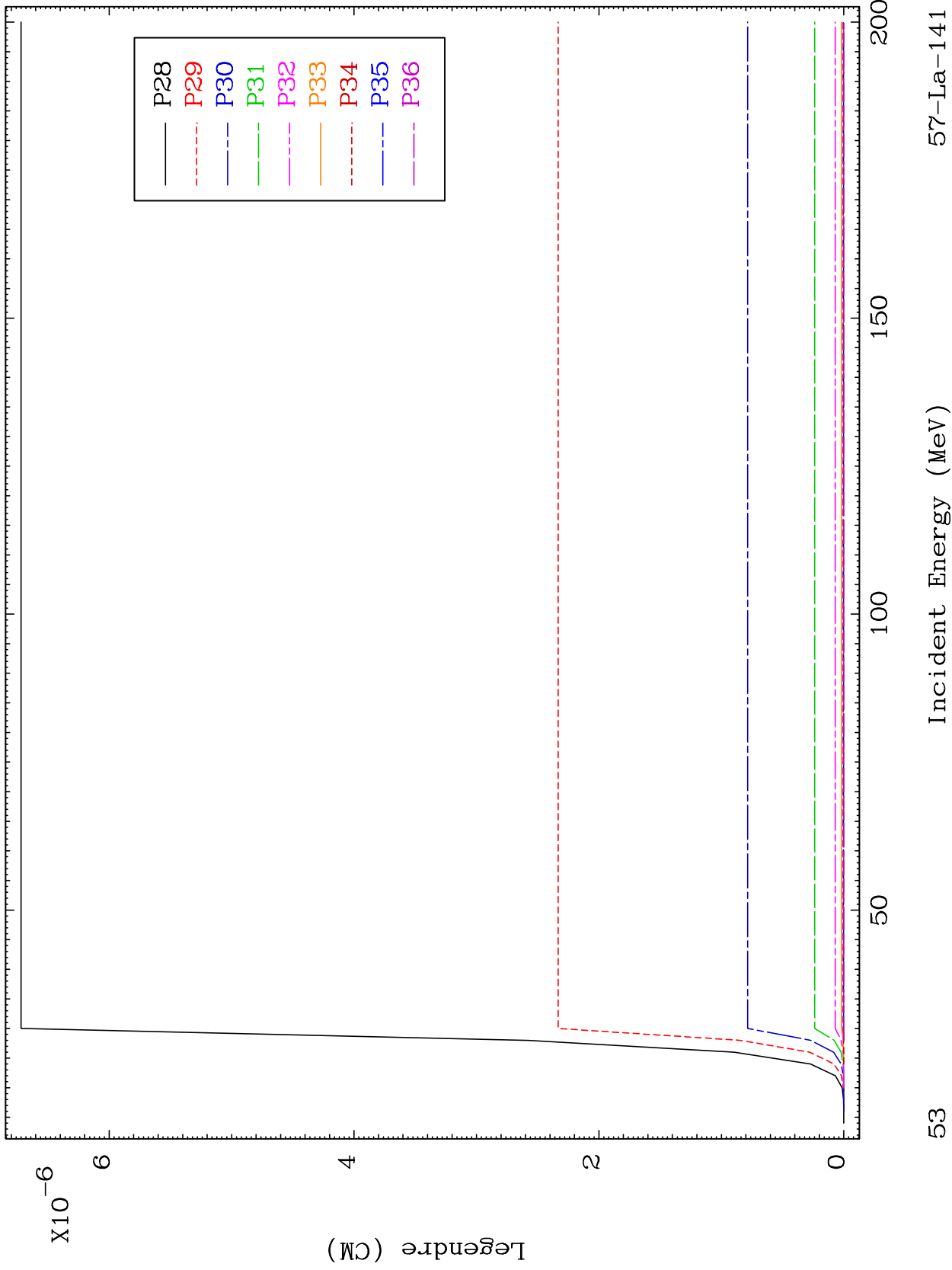
Incident Energy (MeV)

57-La-141

MAT 5734

929.4 keV (n,n') Level
Legendre Coefficients

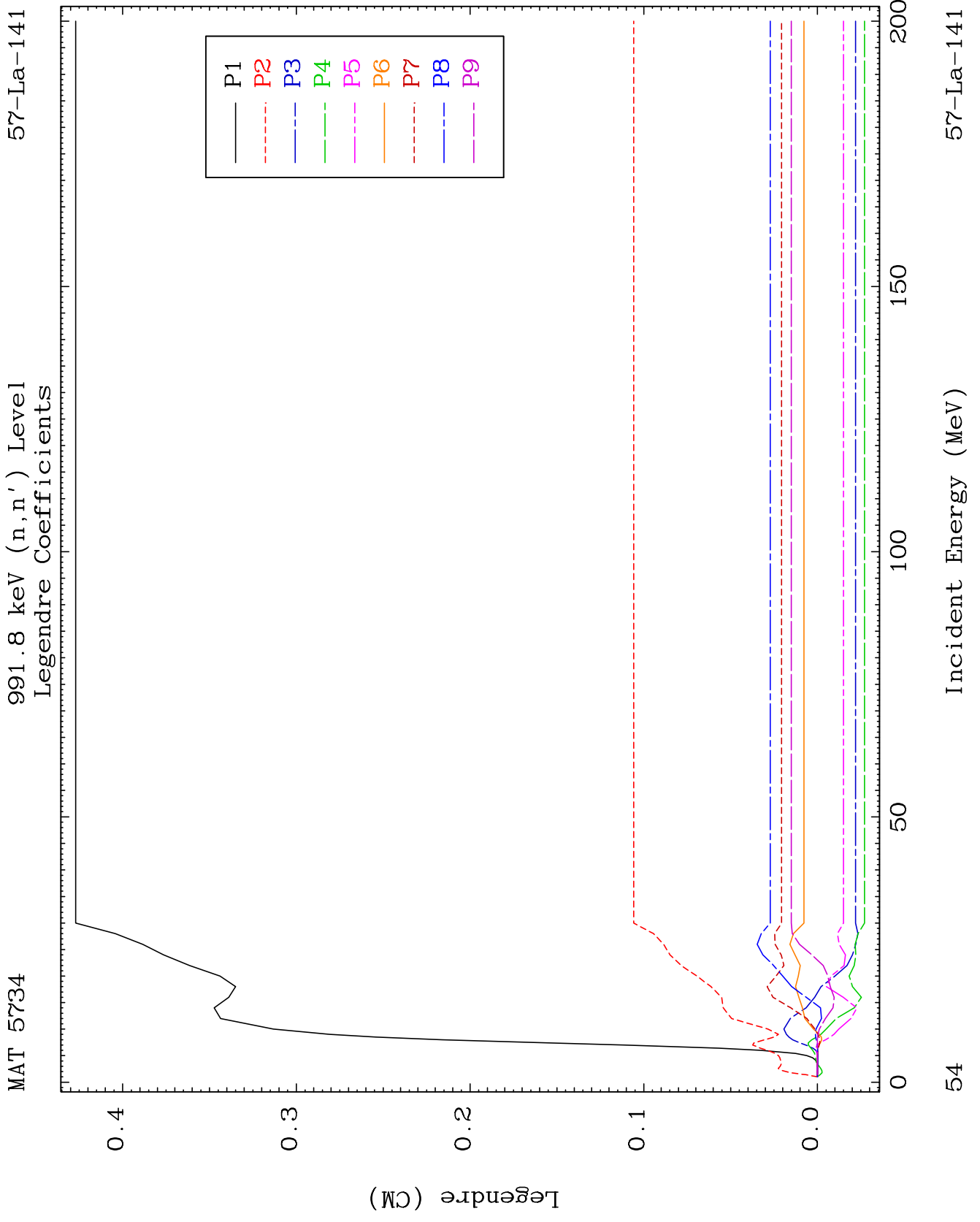
57-La-141



53

Incident Energy (MeV)

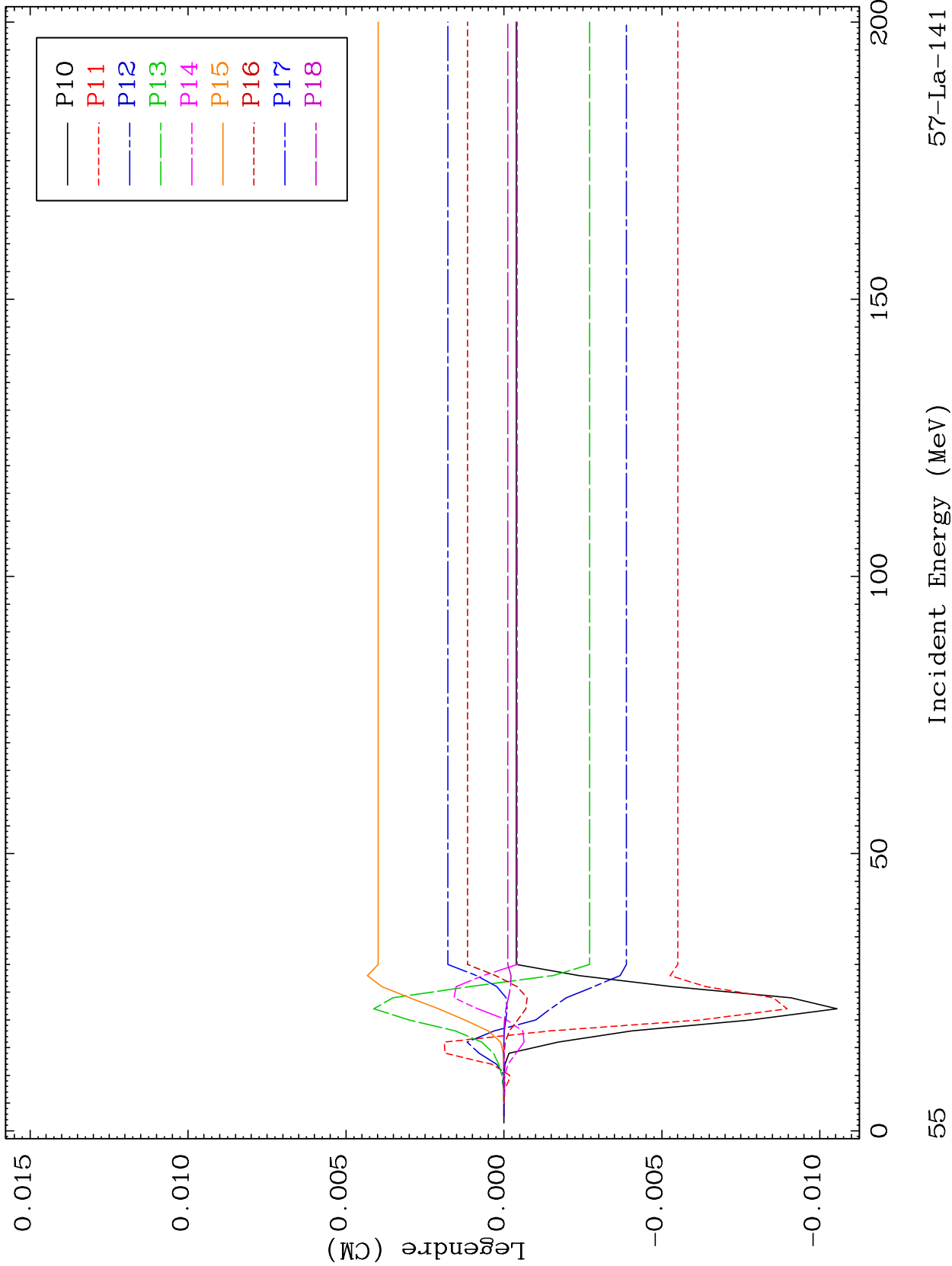
57-La-141



MAT 5734

991.8 keV (n,n') Level
Legendre Coefficients

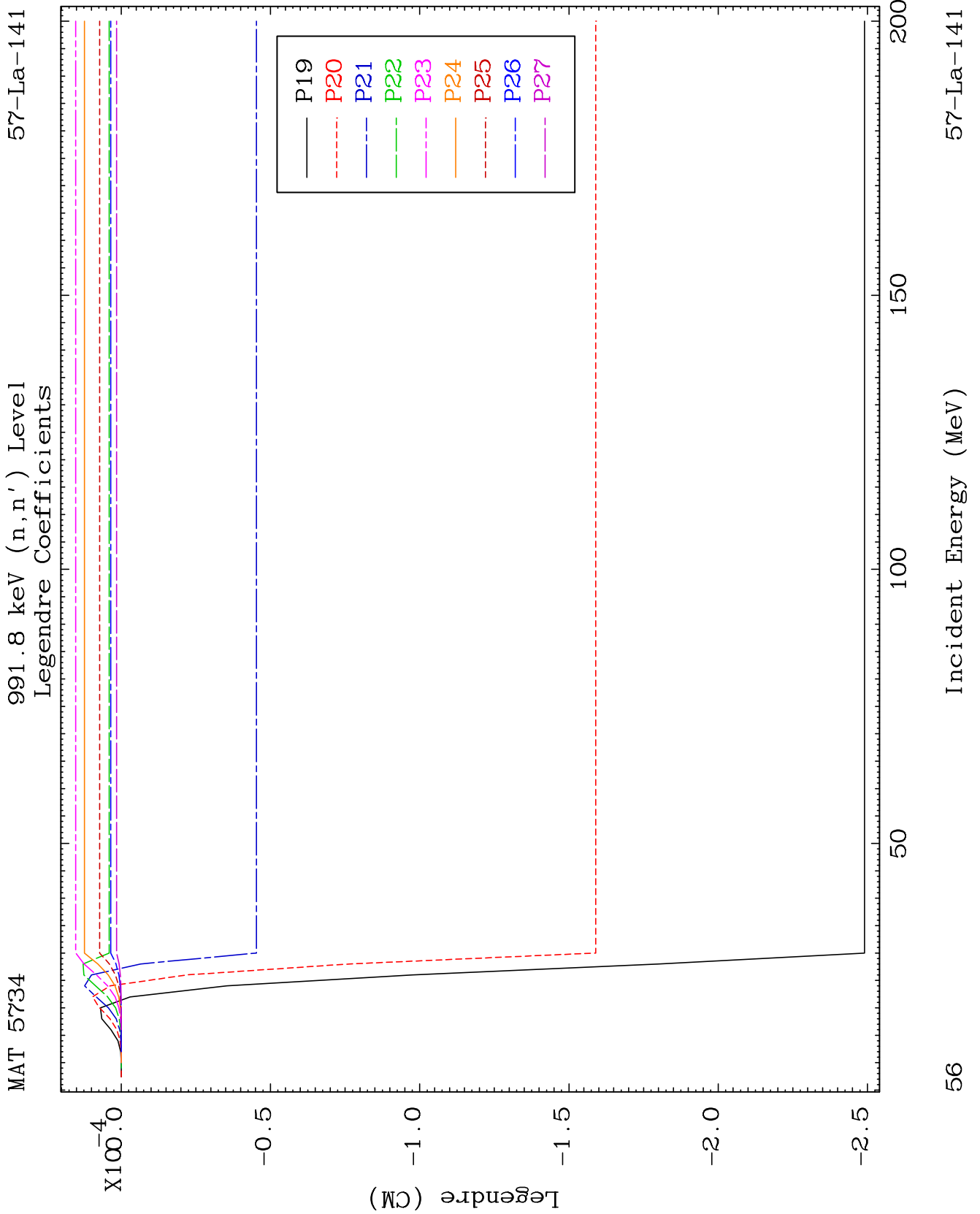
57-La-141



57-La-141

Incident Energy (MeV)

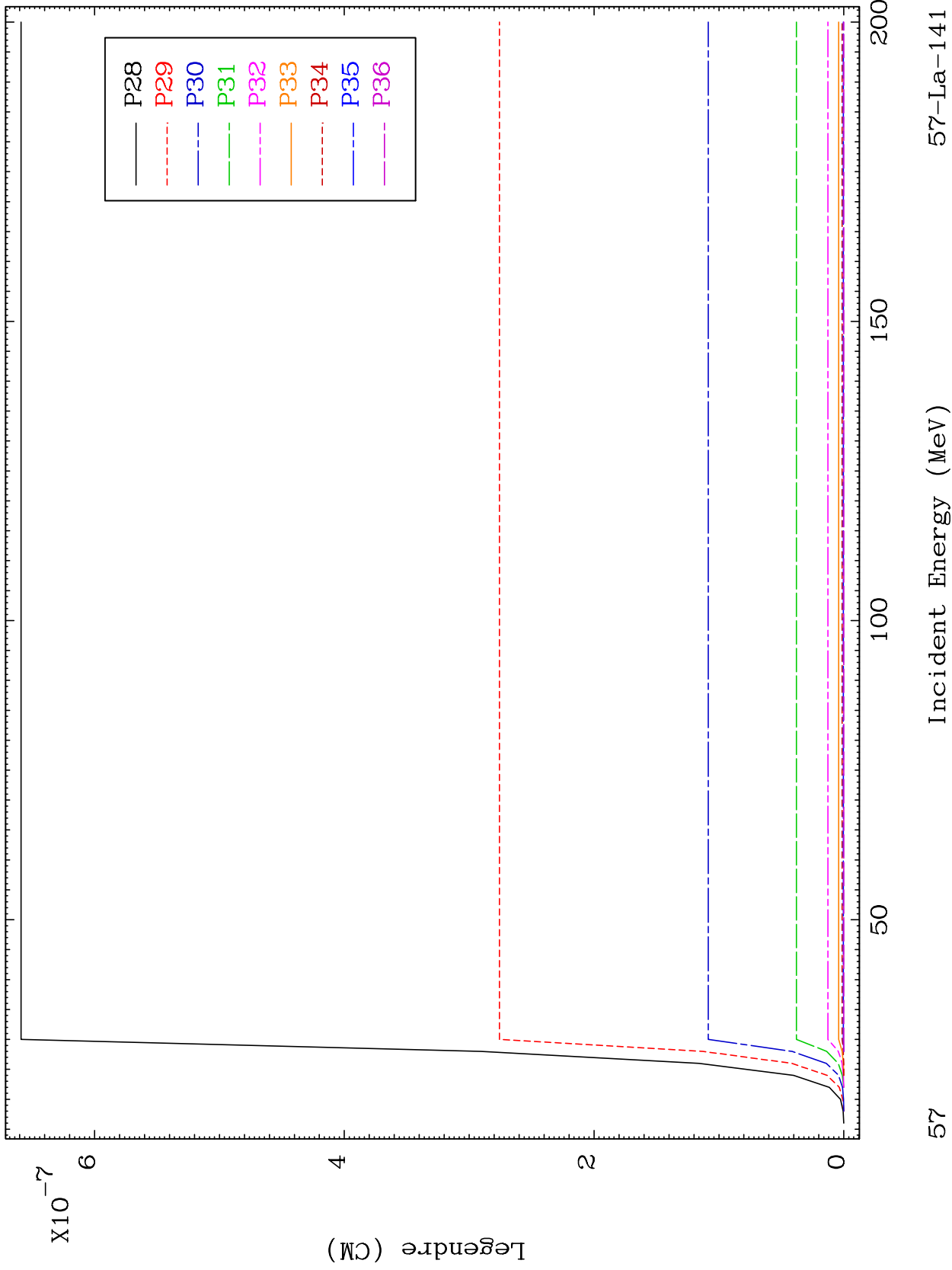
55



MAT 5734

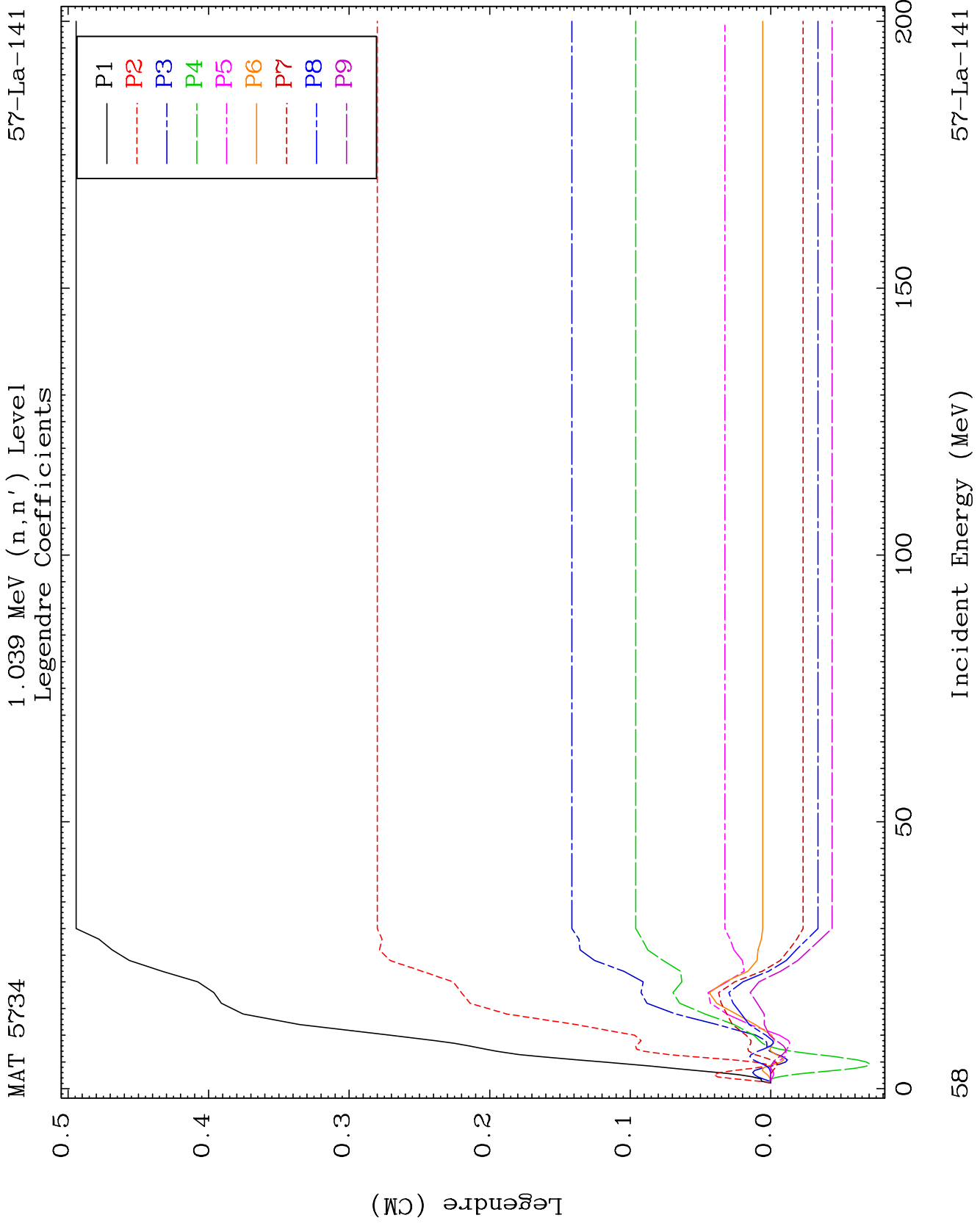
991.8 keV (n,n') Level
Legendre Coefficients

57-La-141



57

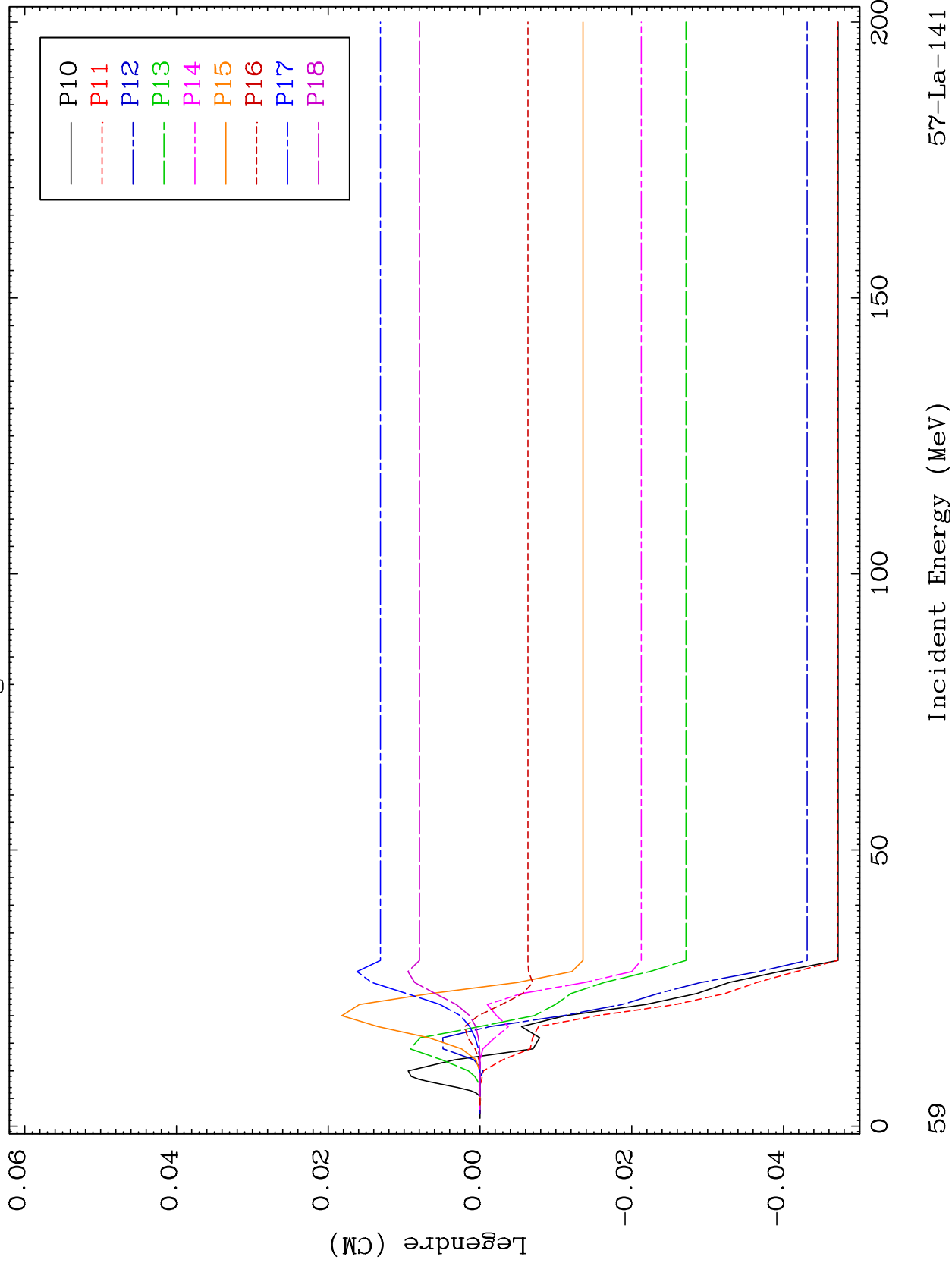
57-La-141



MAT 5734

1.039 MeV (n,n') Level
Legendre Coefficients

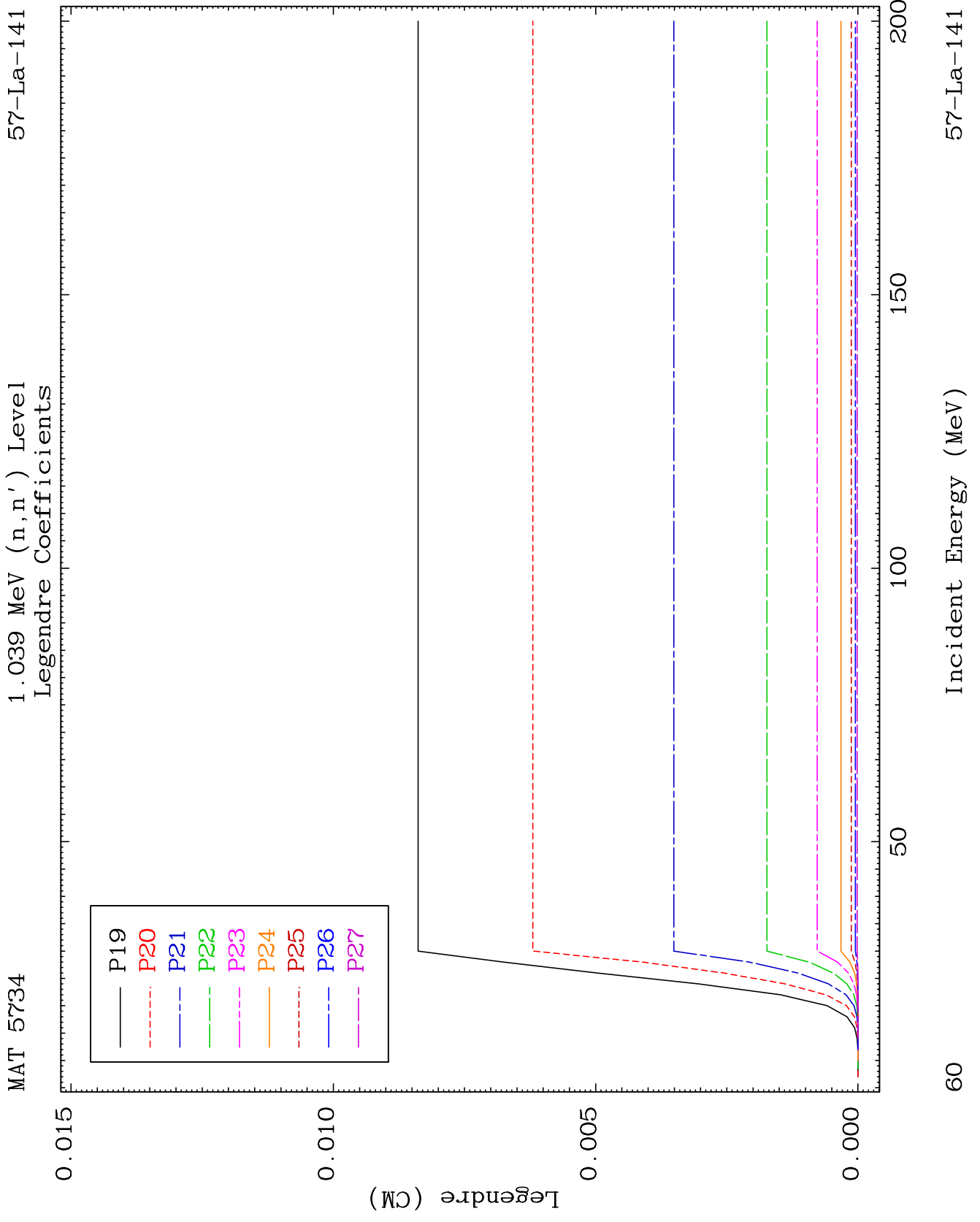
57-La-141



57-La-141

Incident Energy (MeV)

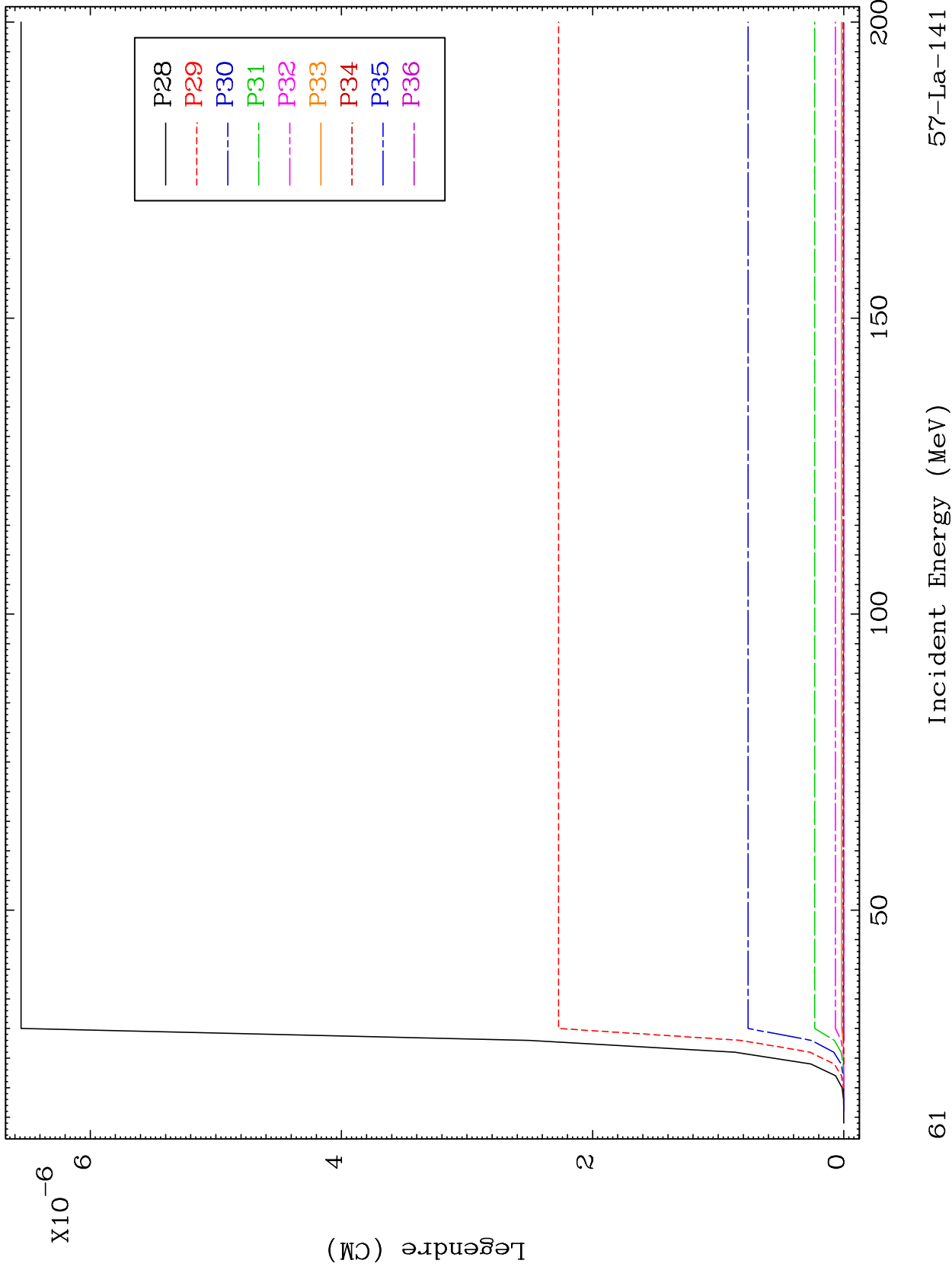
59



MAT 5734

1.039 MeV (n, n') Level
Legendre Coefficients

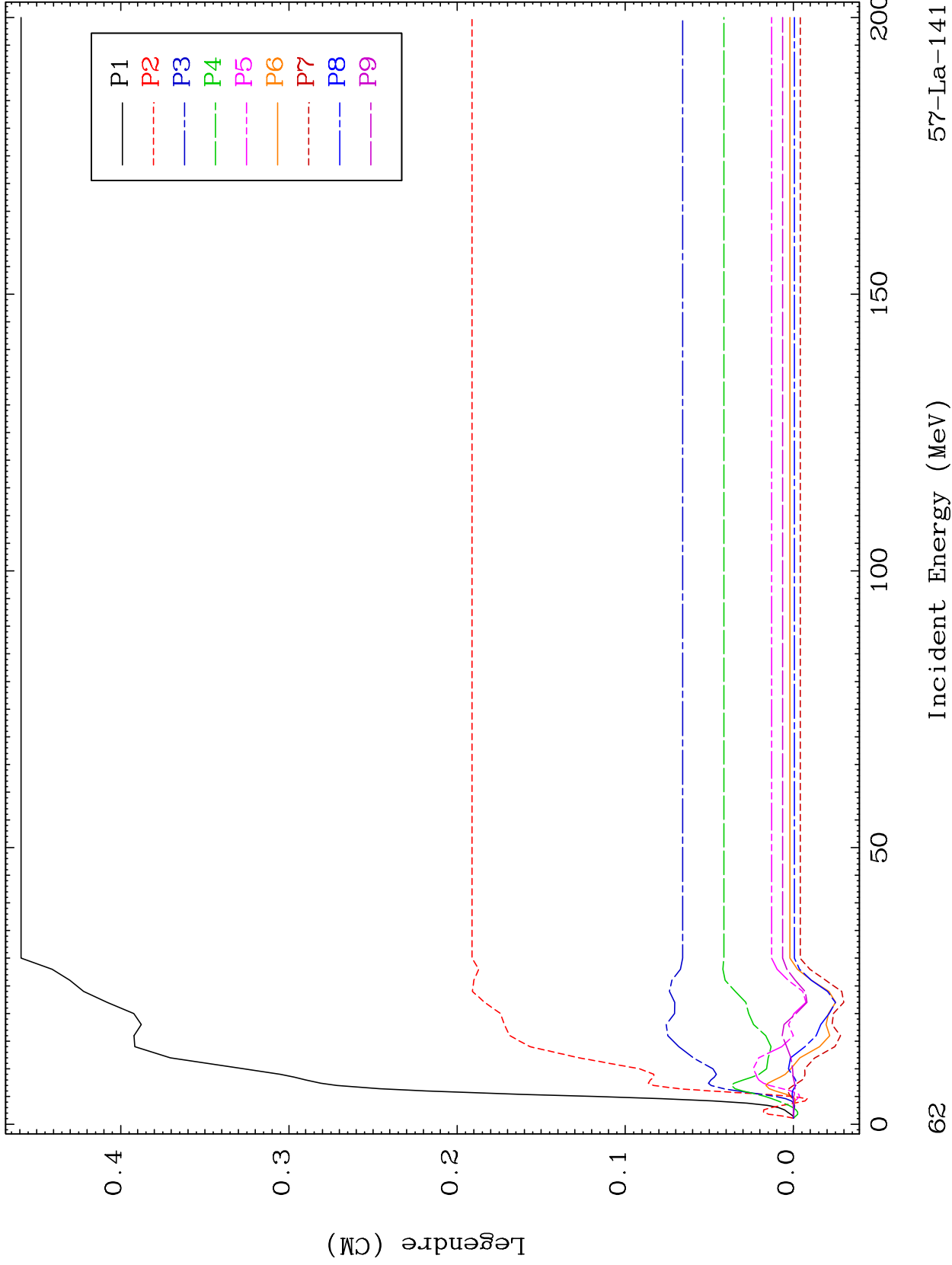
57-La-141



MAT 5734

1.067 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

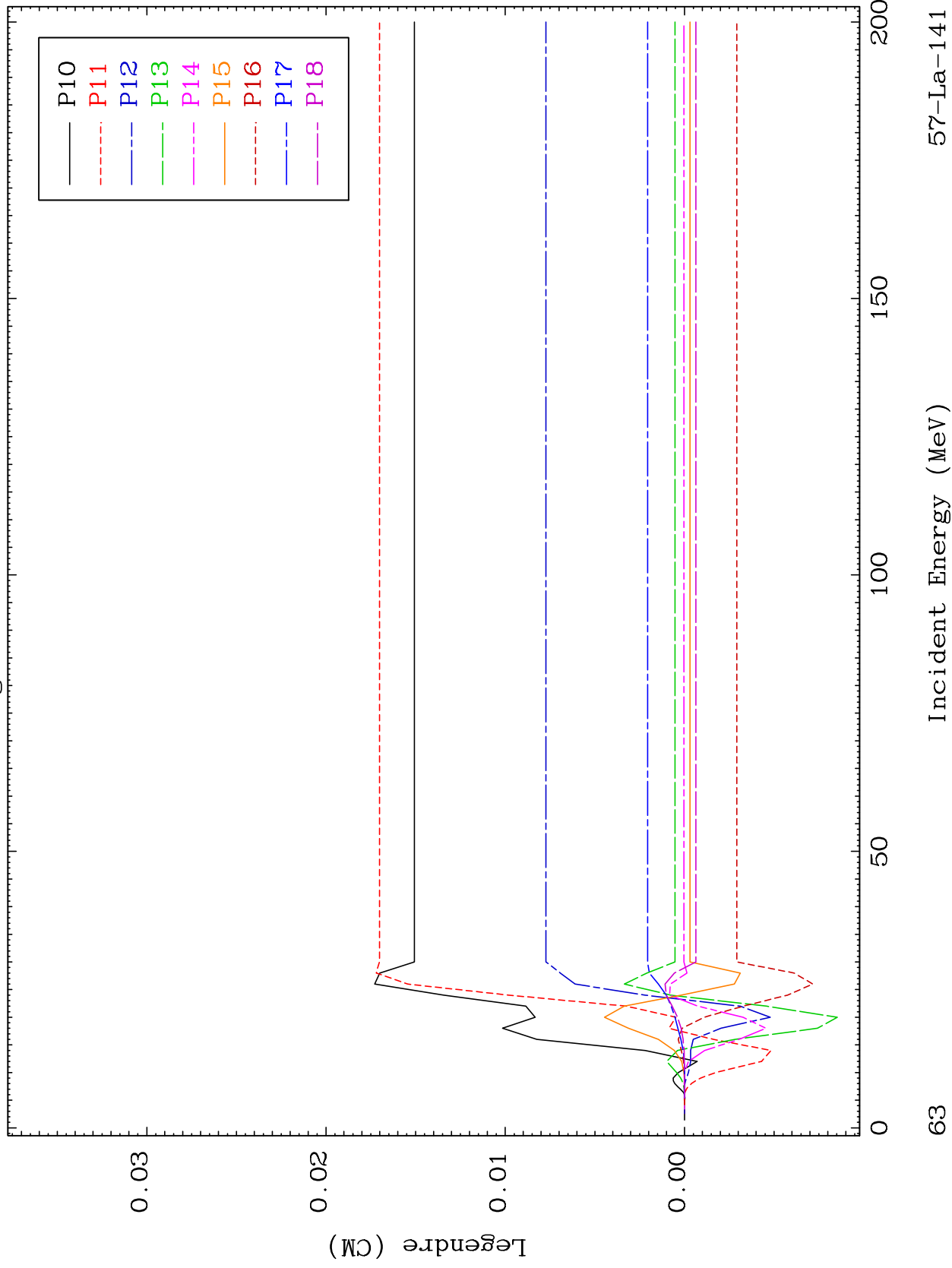
Incident Energy (MeV)

62

MAT 5734

1.067 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

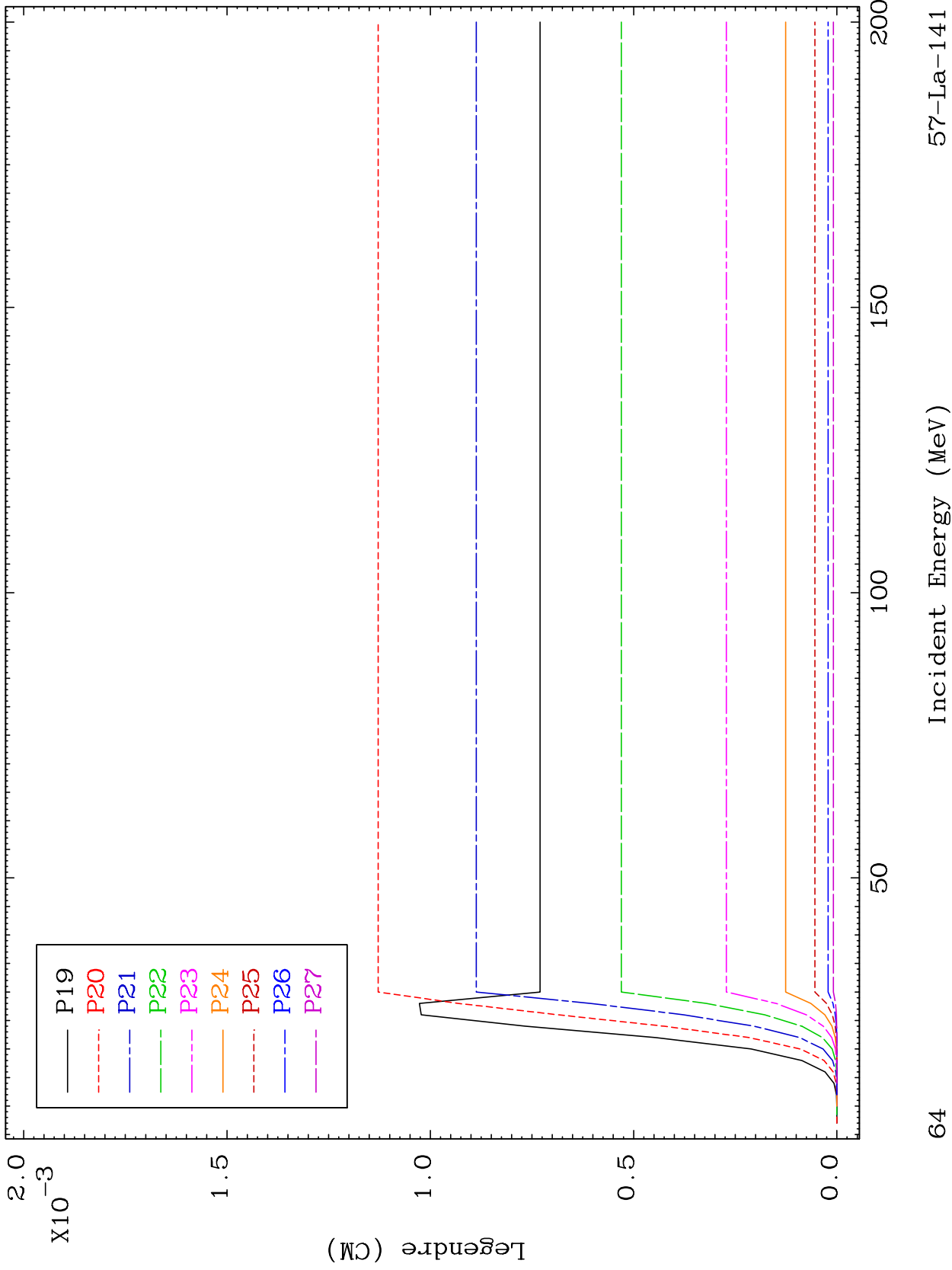
Incident Energy (MeV)

63

MAT 5734

1.067 MeV (n,n') Level
Legendre Coefficients

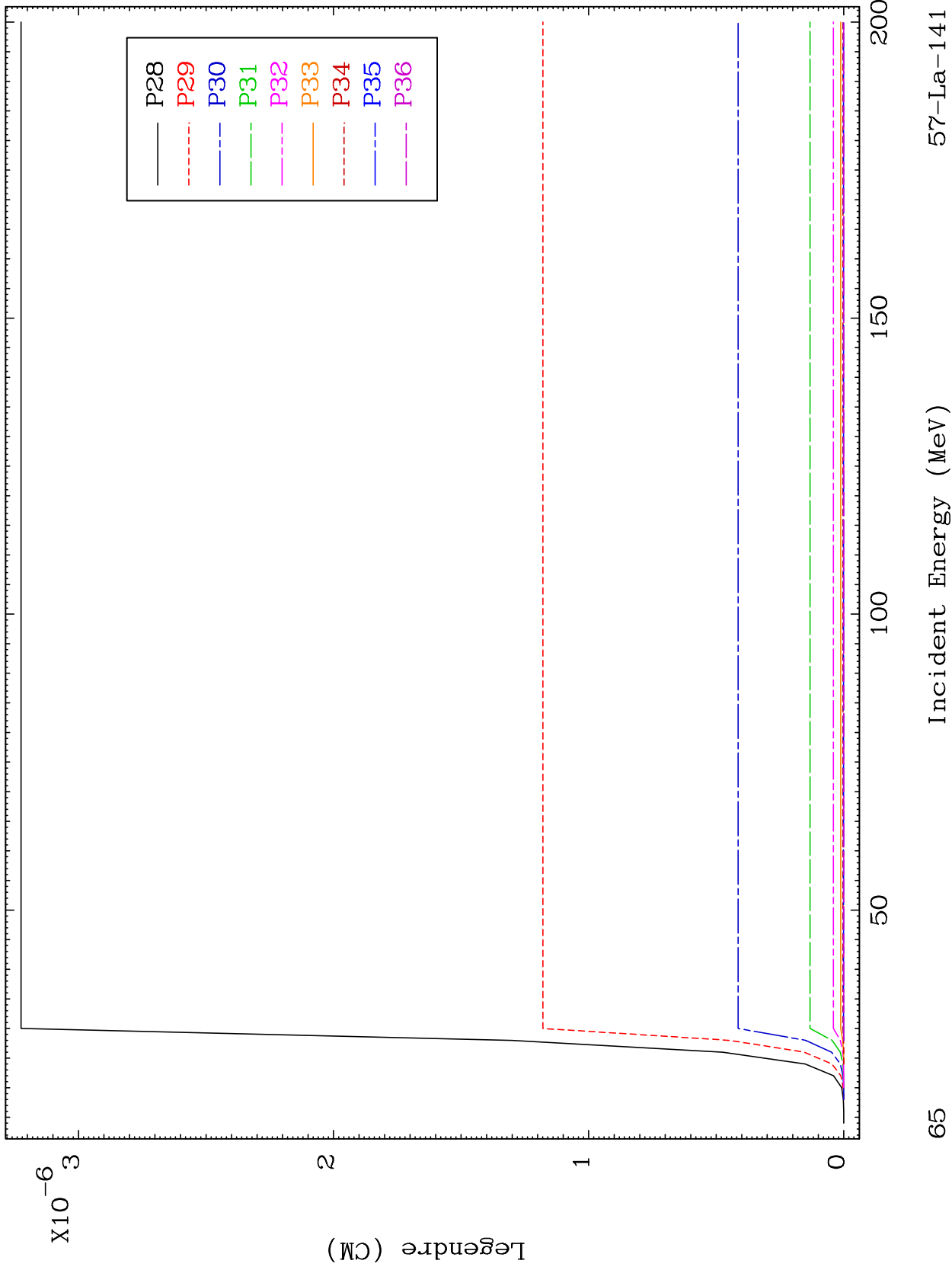
57-La-141



MAT 5734

1.067 MeV (n,n') Level
Legendre Coefficients

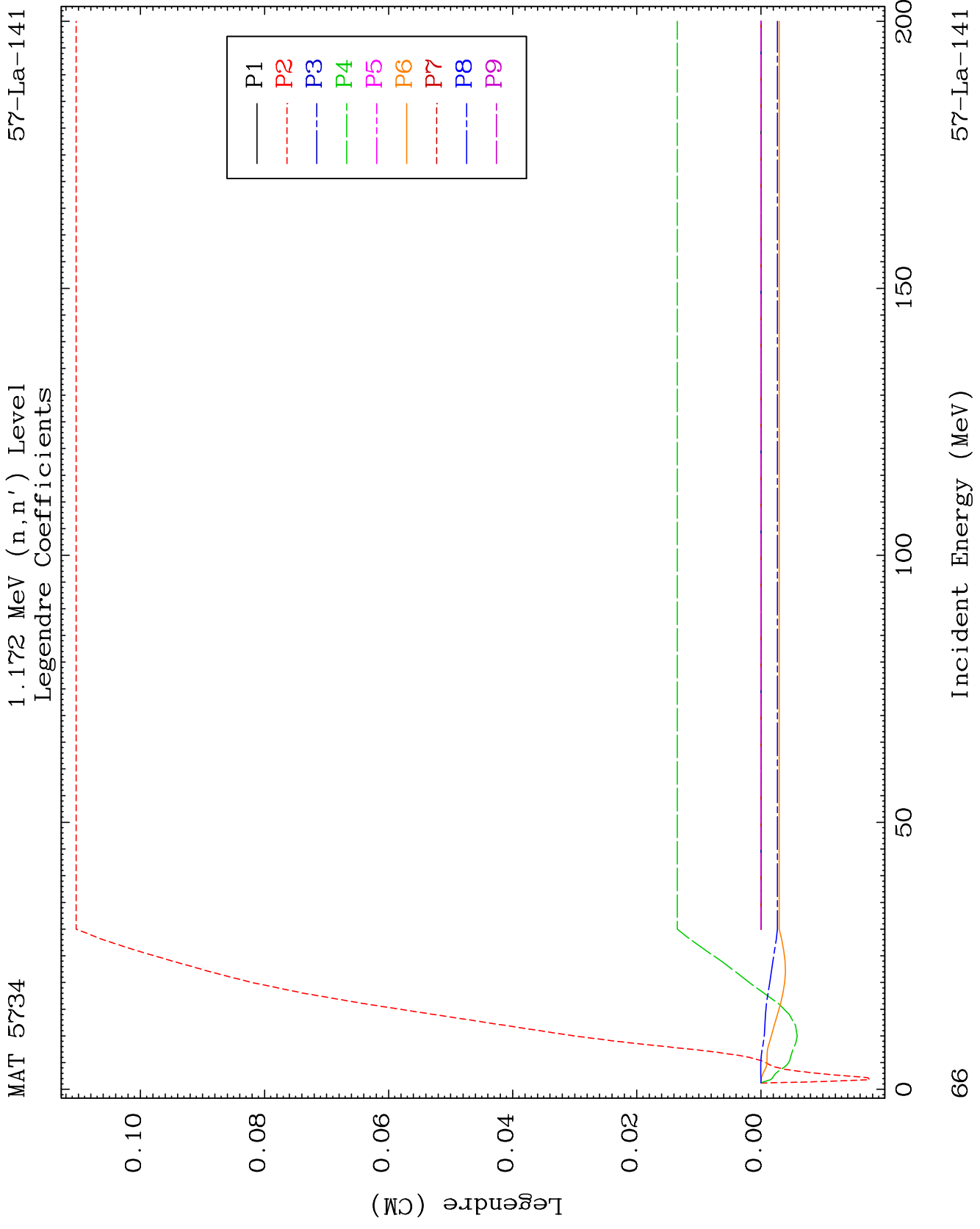
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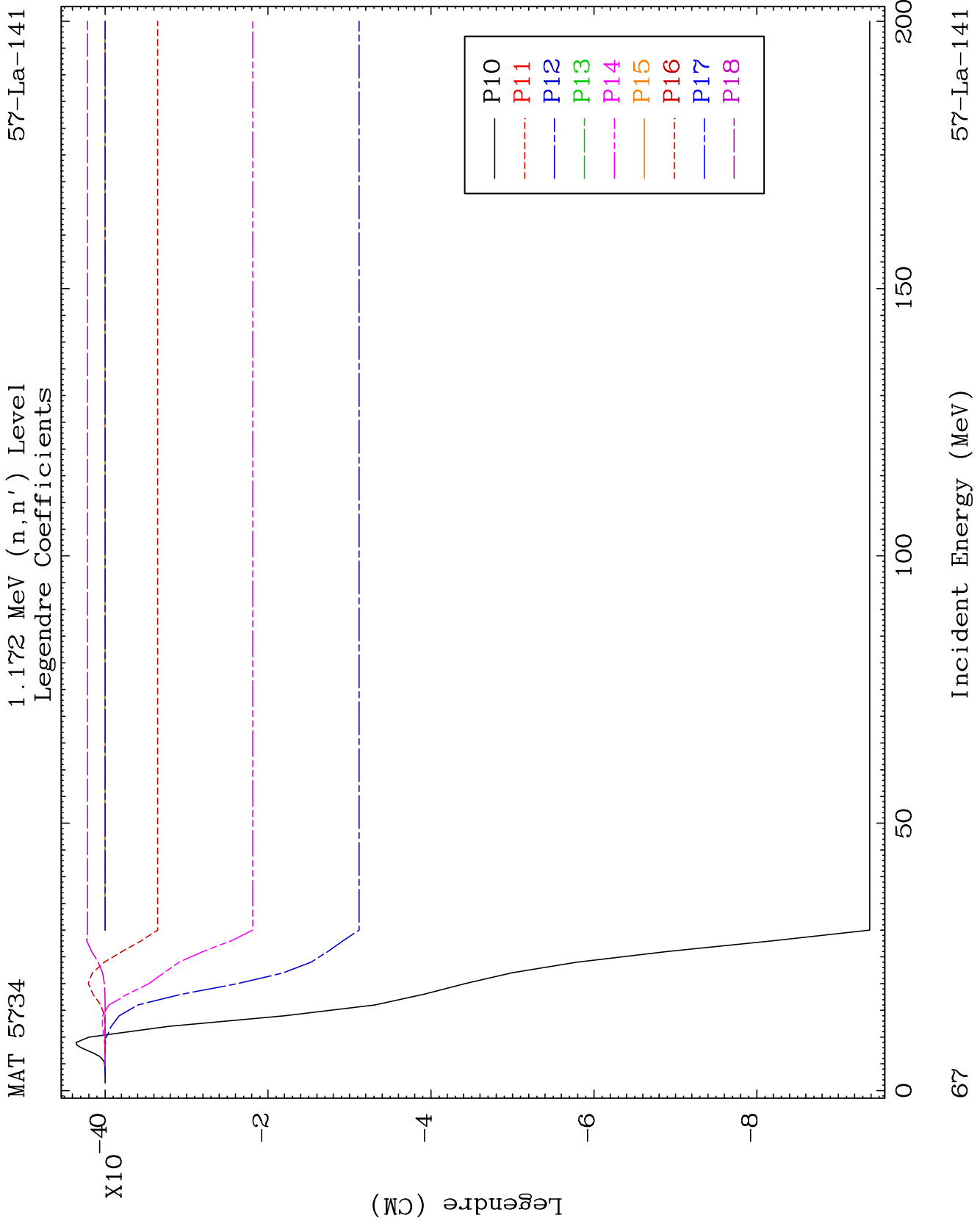


65

Incident Energy (MeV)

57-La-141

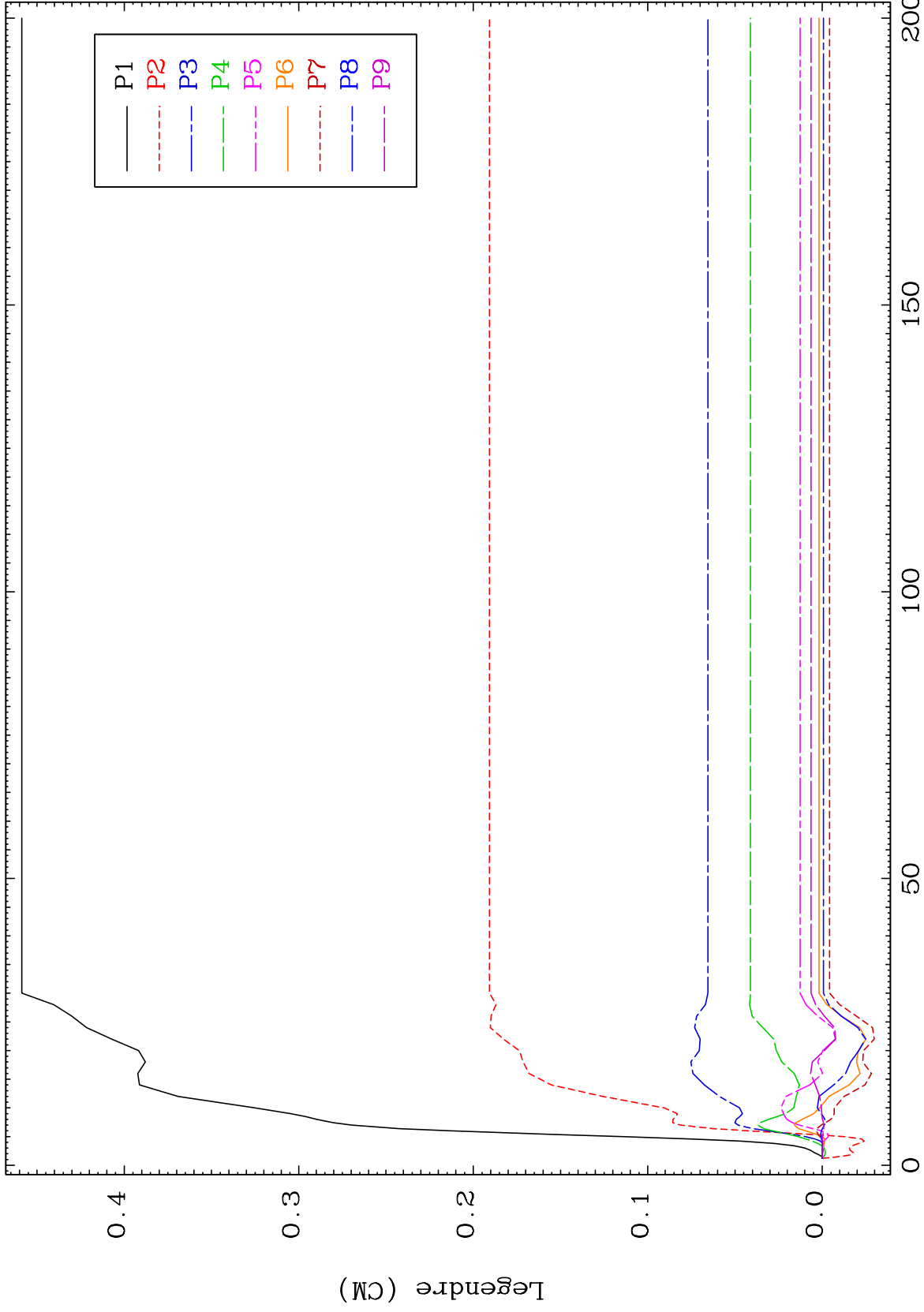




MAT 5734

1.189 MeV (n,n') Level
Legendre Coefficients

57-La-141



69

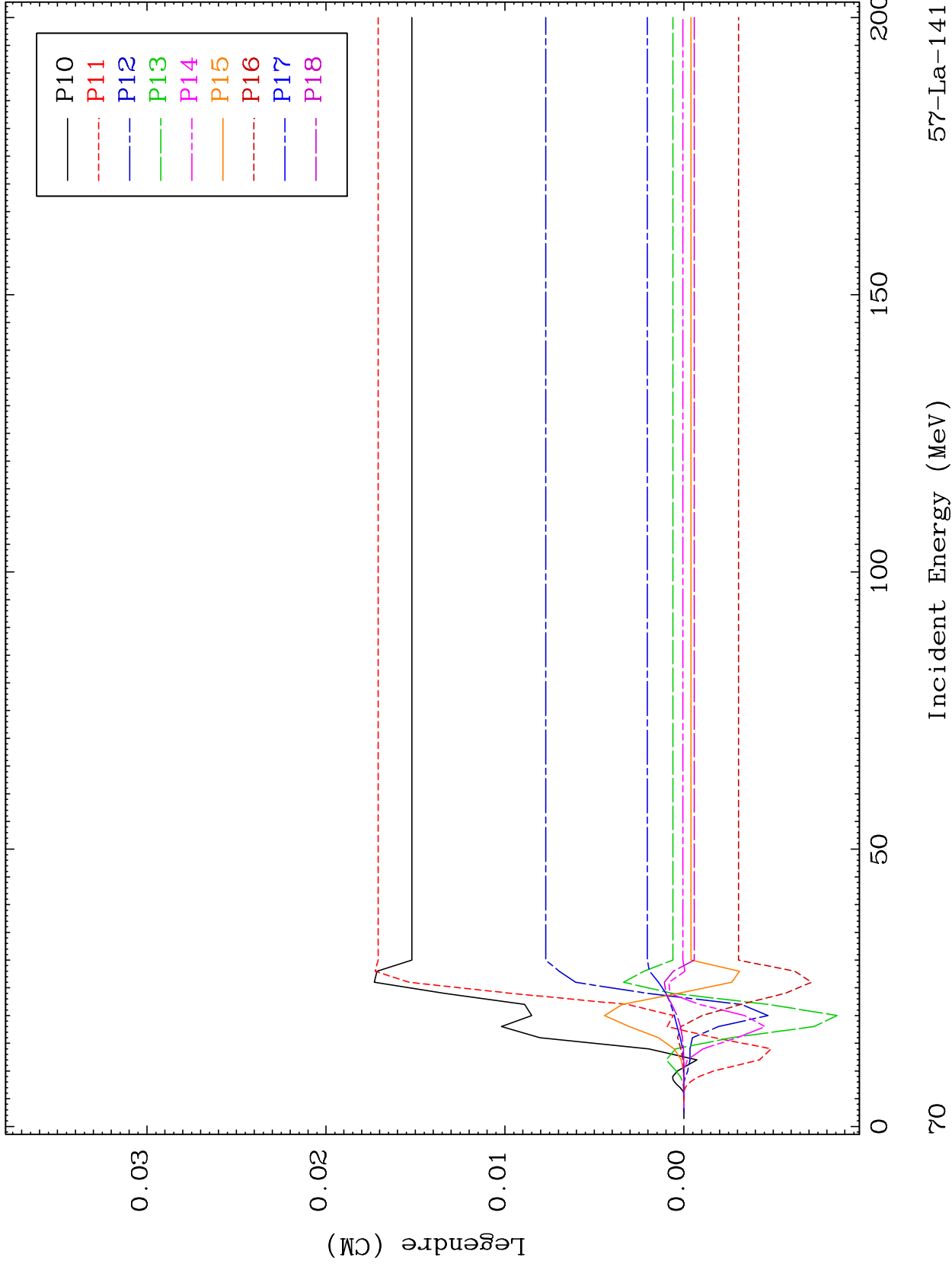
Incident Energy (MeV)

57-La-141

MAT 5734

1.189 MeV (n, n') Level
Legendre Coefficients

57-La-141



57-La-141

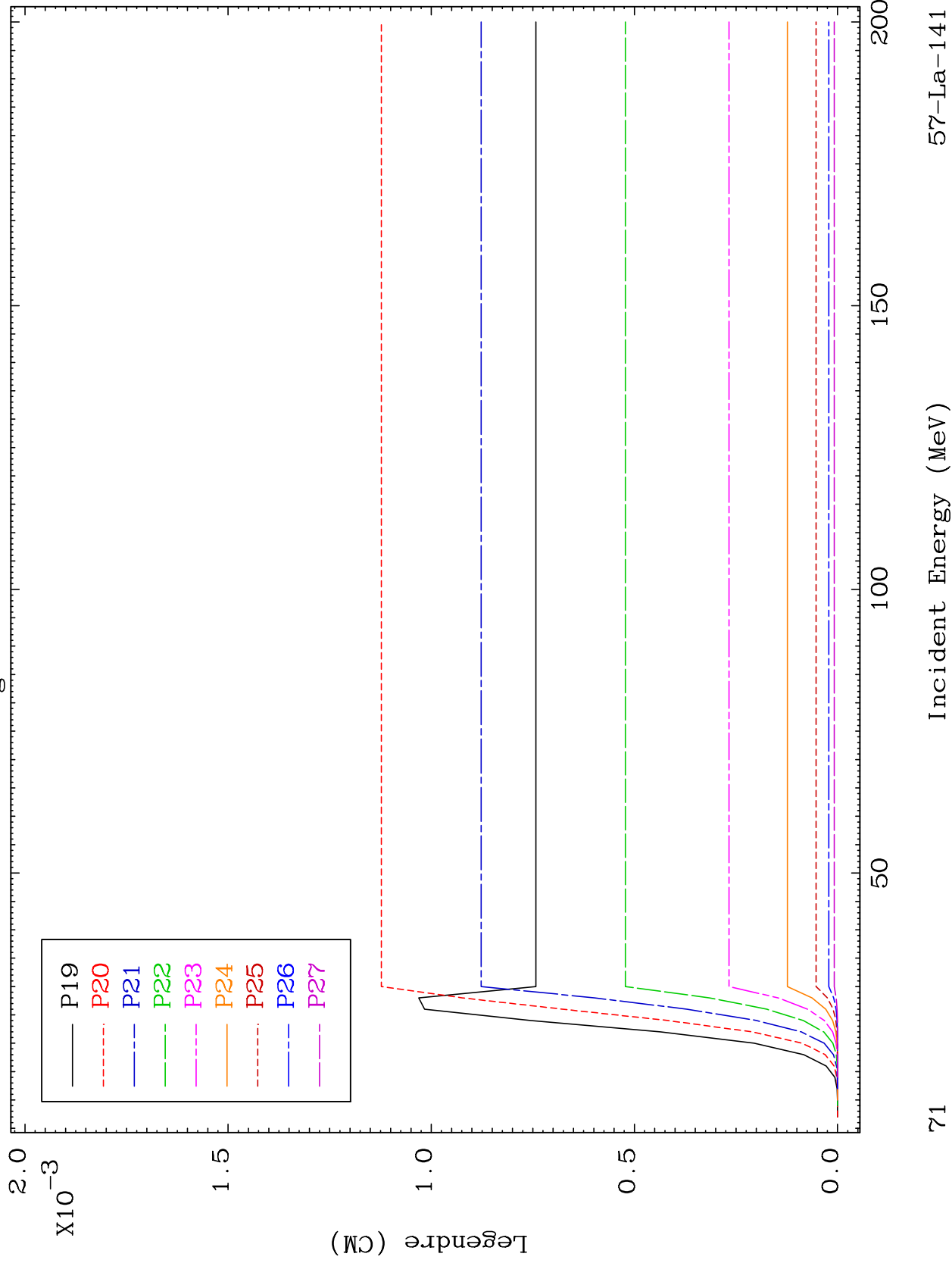
Incident Energy (MeV)

70

MAT 5734

1.189 MeV (n,n') Level
Legendre Coefficients

57-La-141



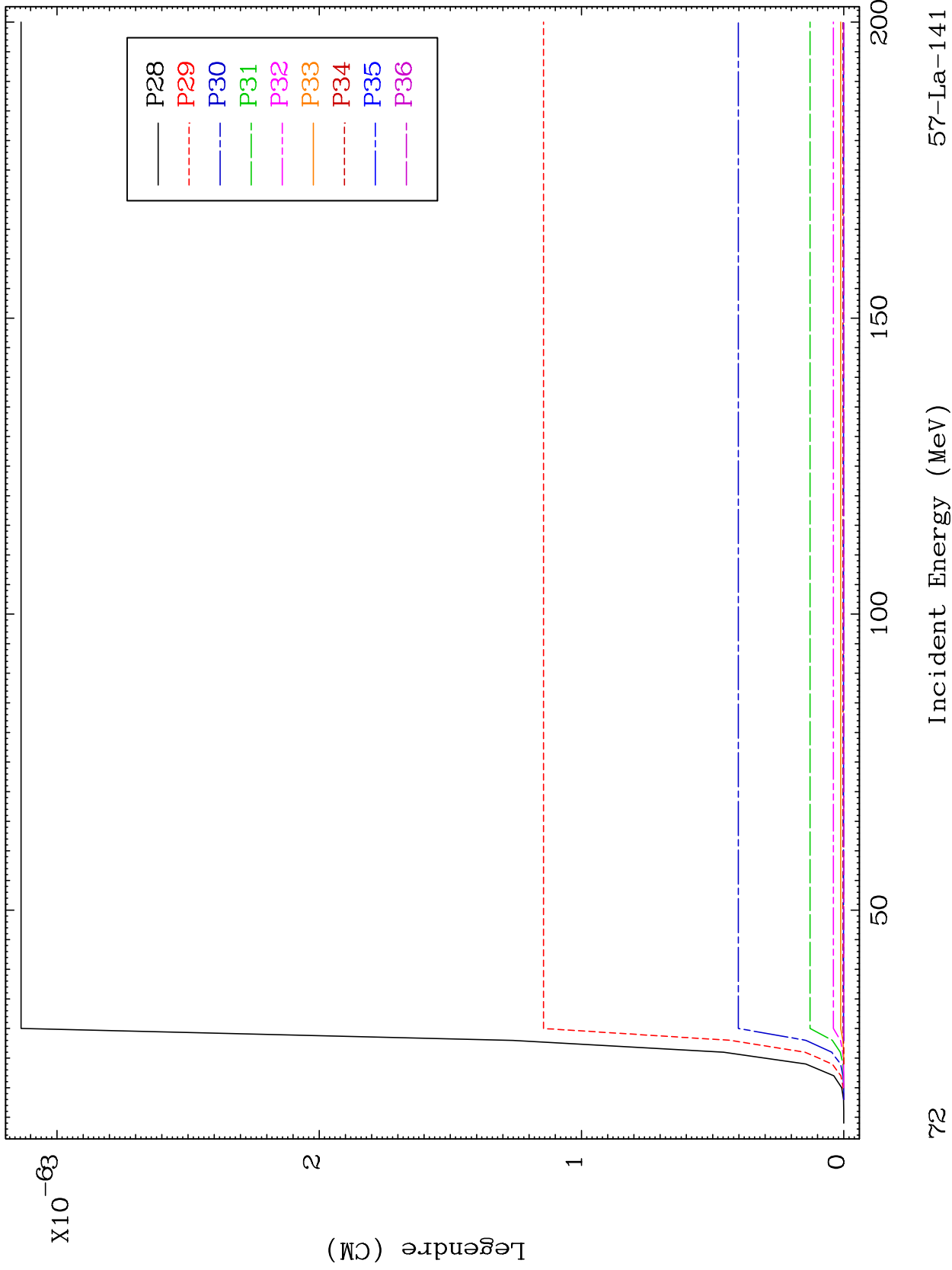
71

200

MAT 5734

1.189 MeV (n,n') Level
Legendre Coefficients

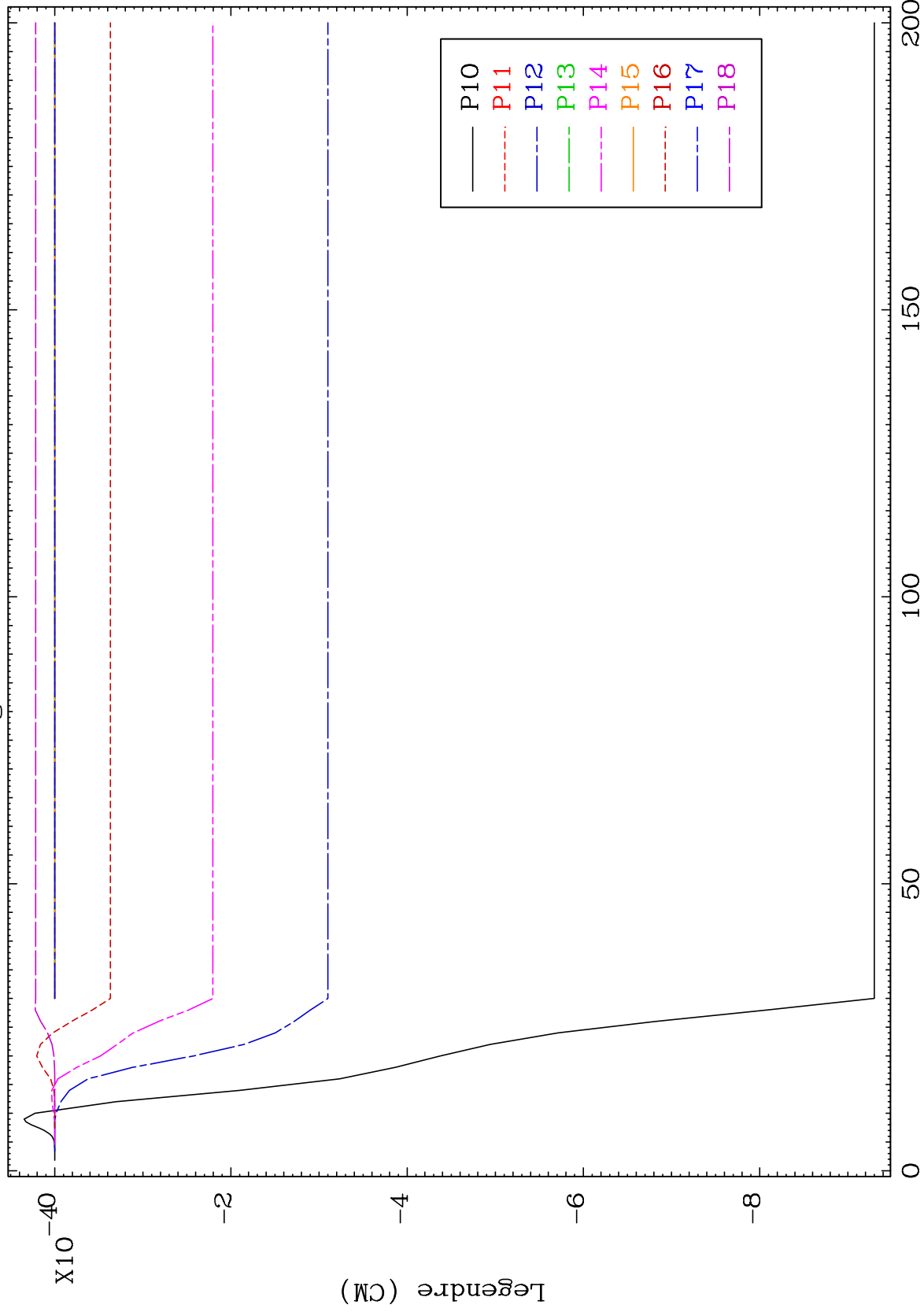
57-La-141



MAT 5734

1.426 MeV (n,n') Level
Legendre Coefficients

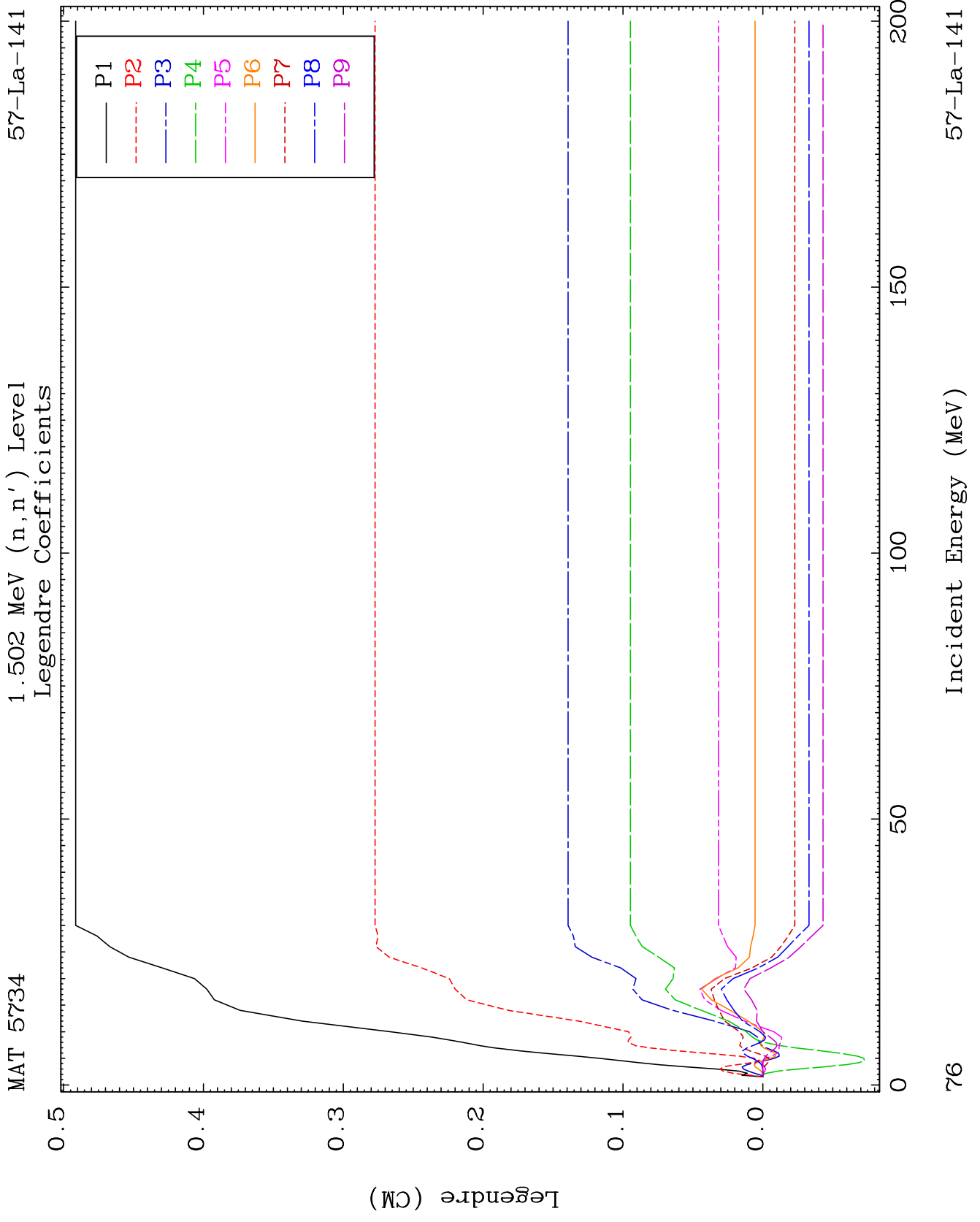
57-La-141

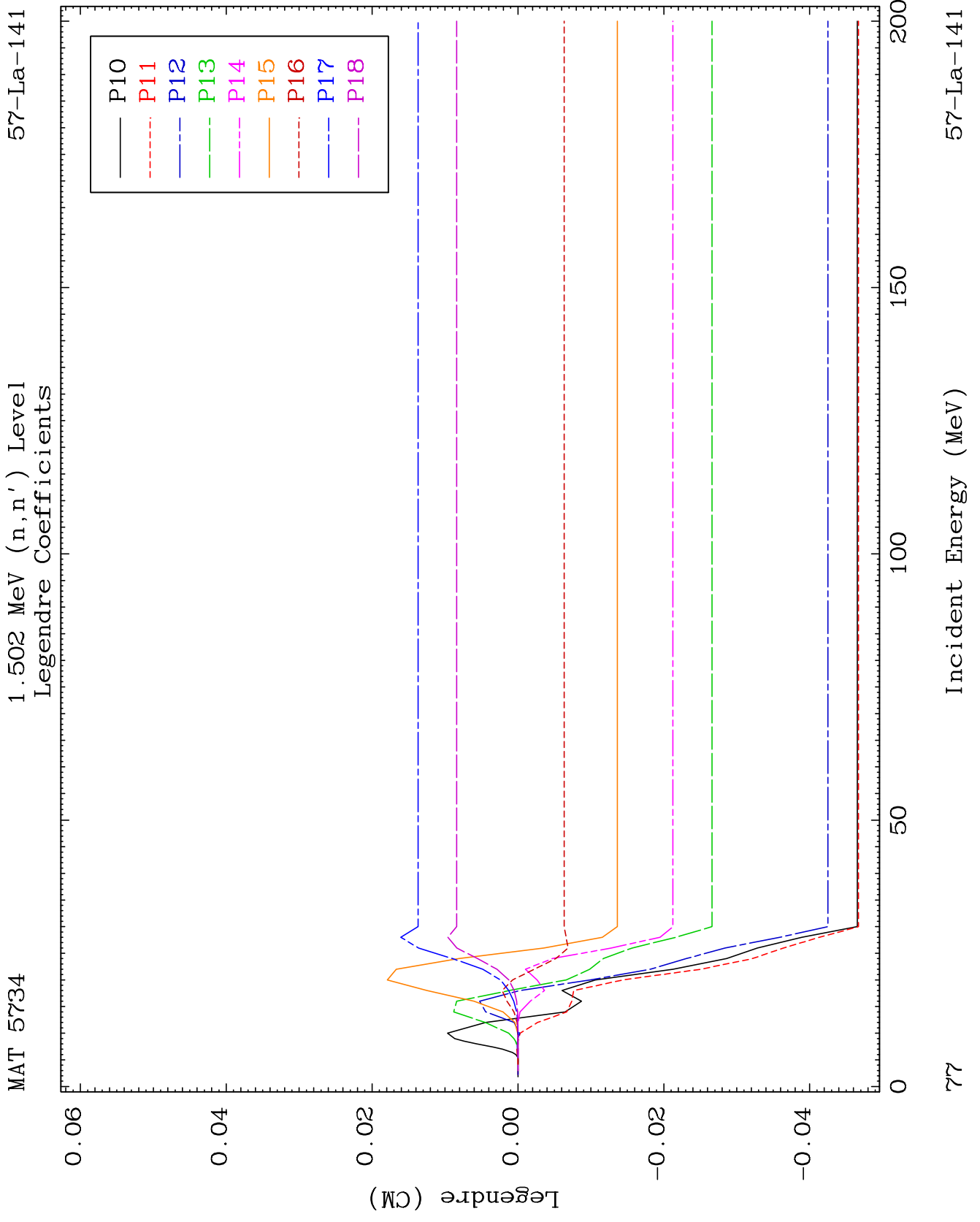


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Incident Energy (MeV)

57-La-141

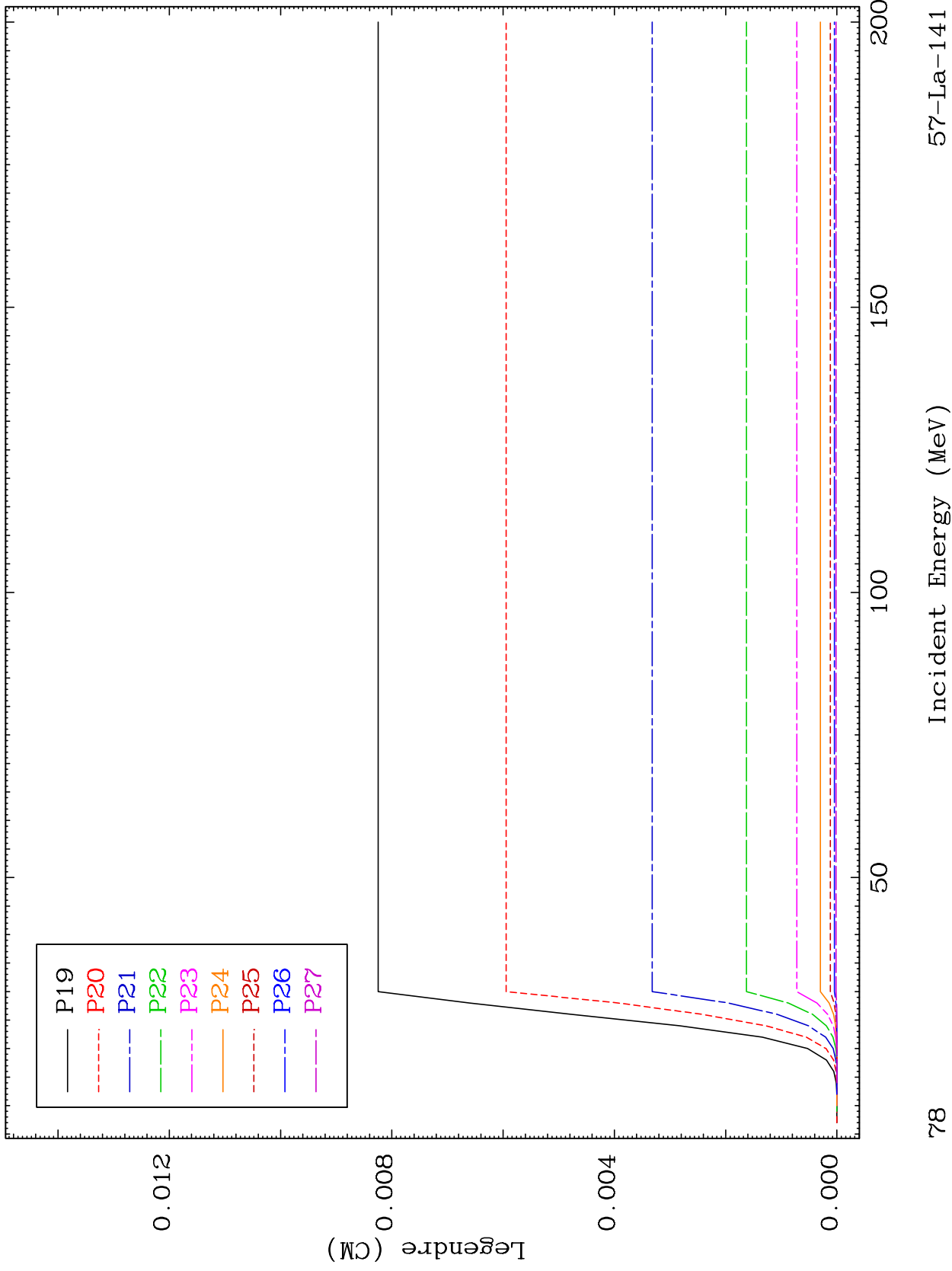




MAT 5734

1.502 MeV (n,n') Level
Legendre Coefficients

57-La-141



78

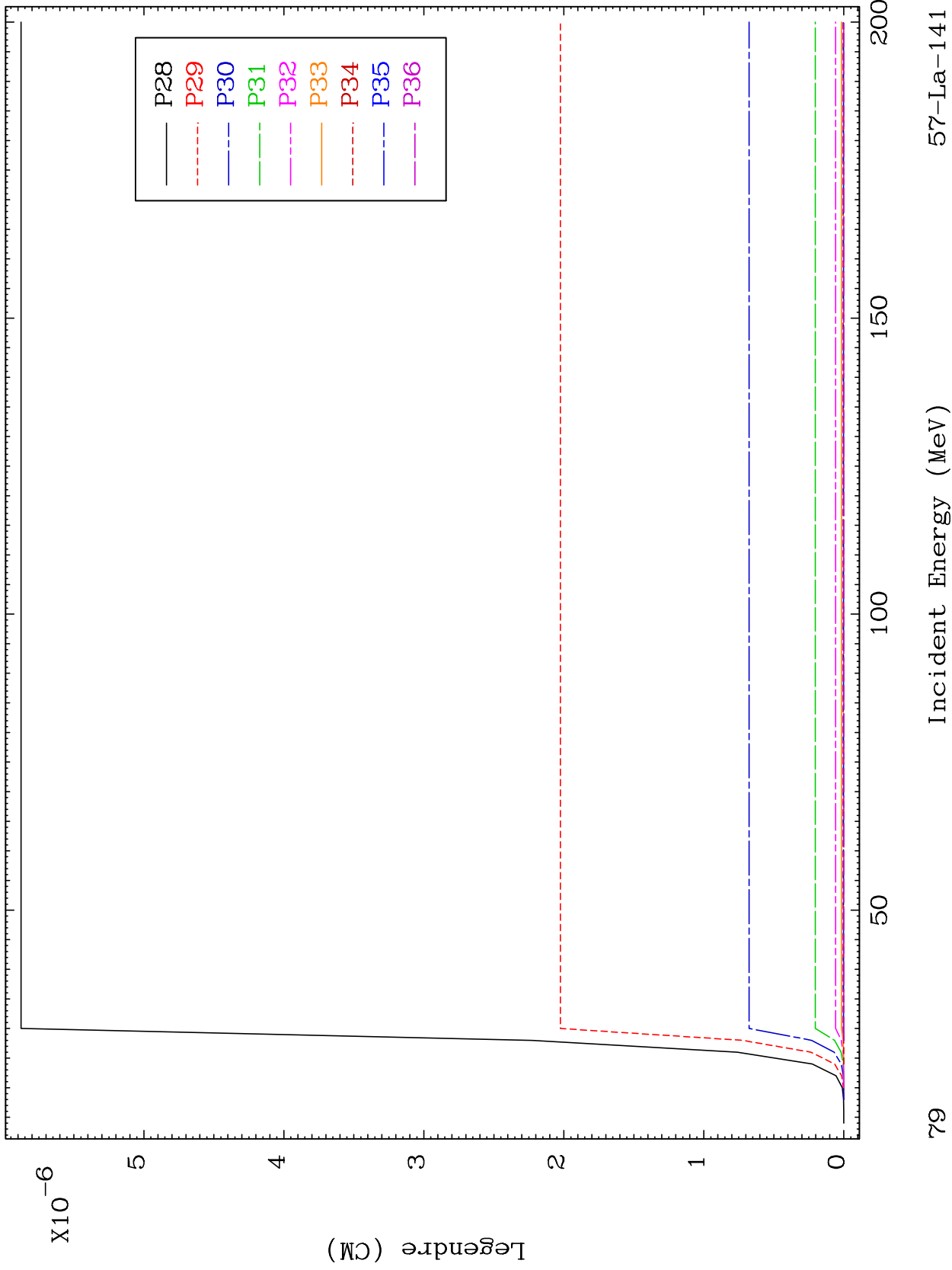
Incident Energy (MeV)

57-La-141

MAT 5734

1.502 MeV (n,n') Level
Legendre Coefficients

57-La-141



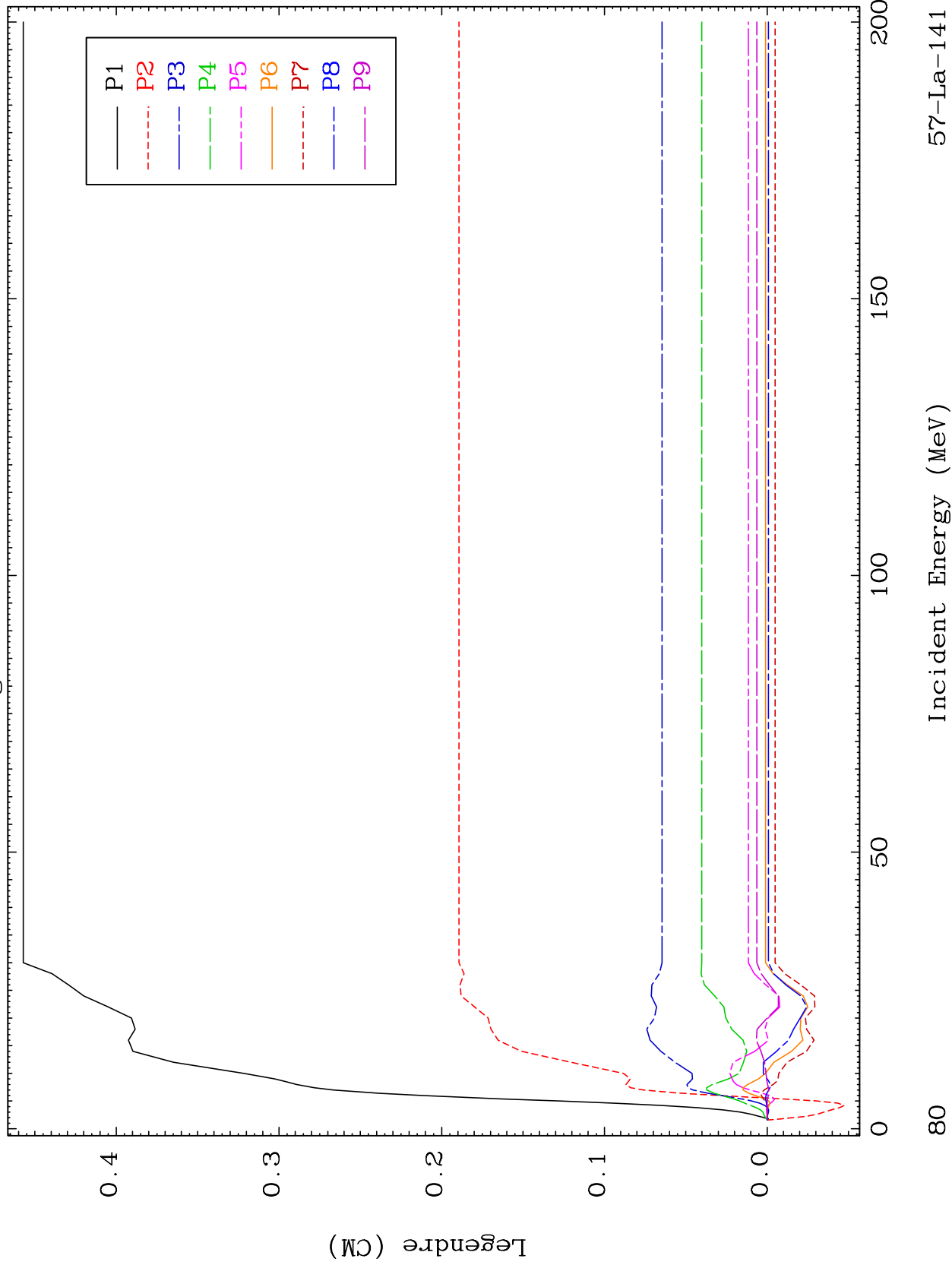
79

57-La-141

MAT 5734

1.551 MeV (n,n') Level
Legendre Coefficients

57-La-141

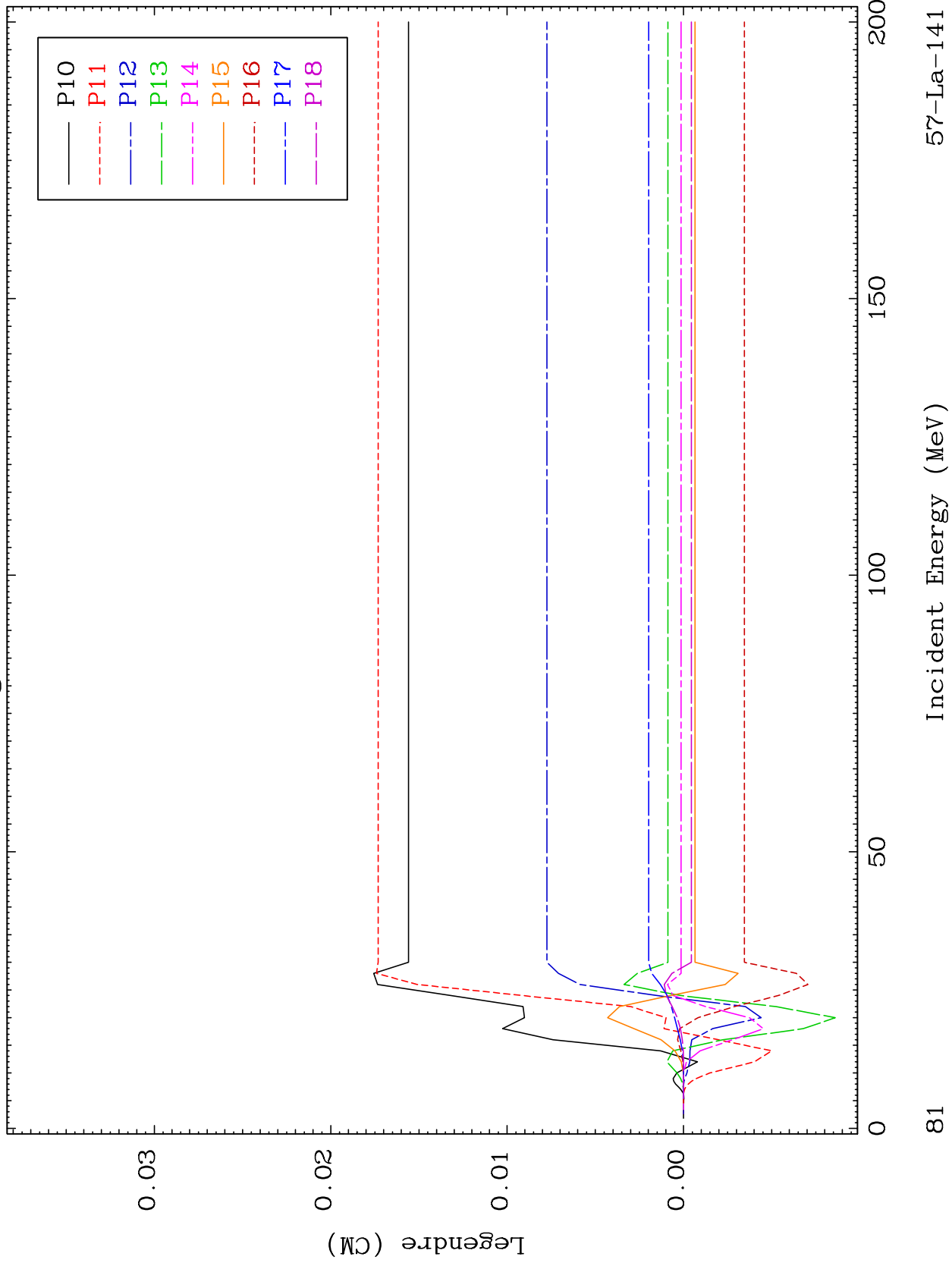


57-La-141

MAT 5734

1.551 MeV (n,n') Level
Legendre Coefficients

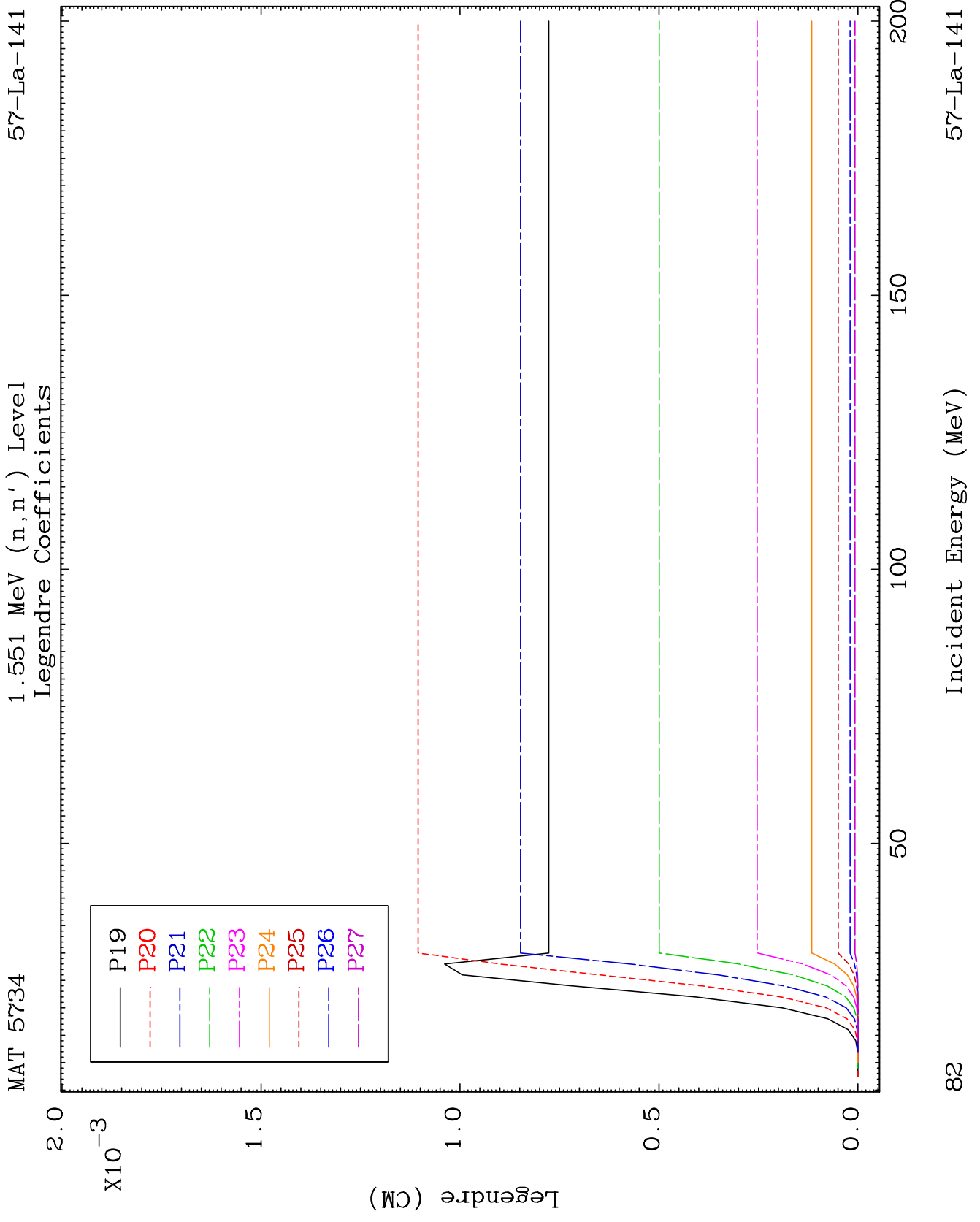
57-La-141

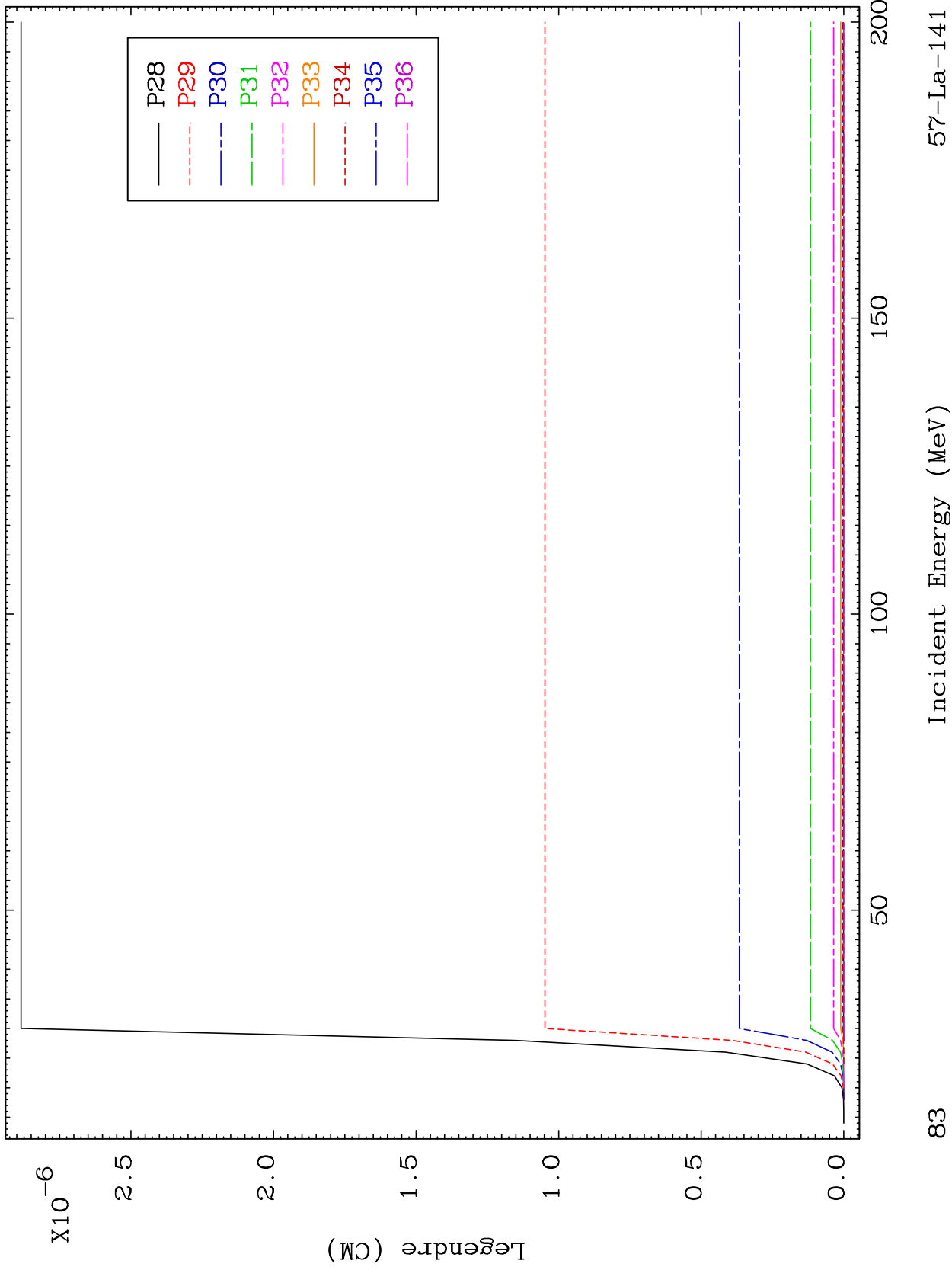


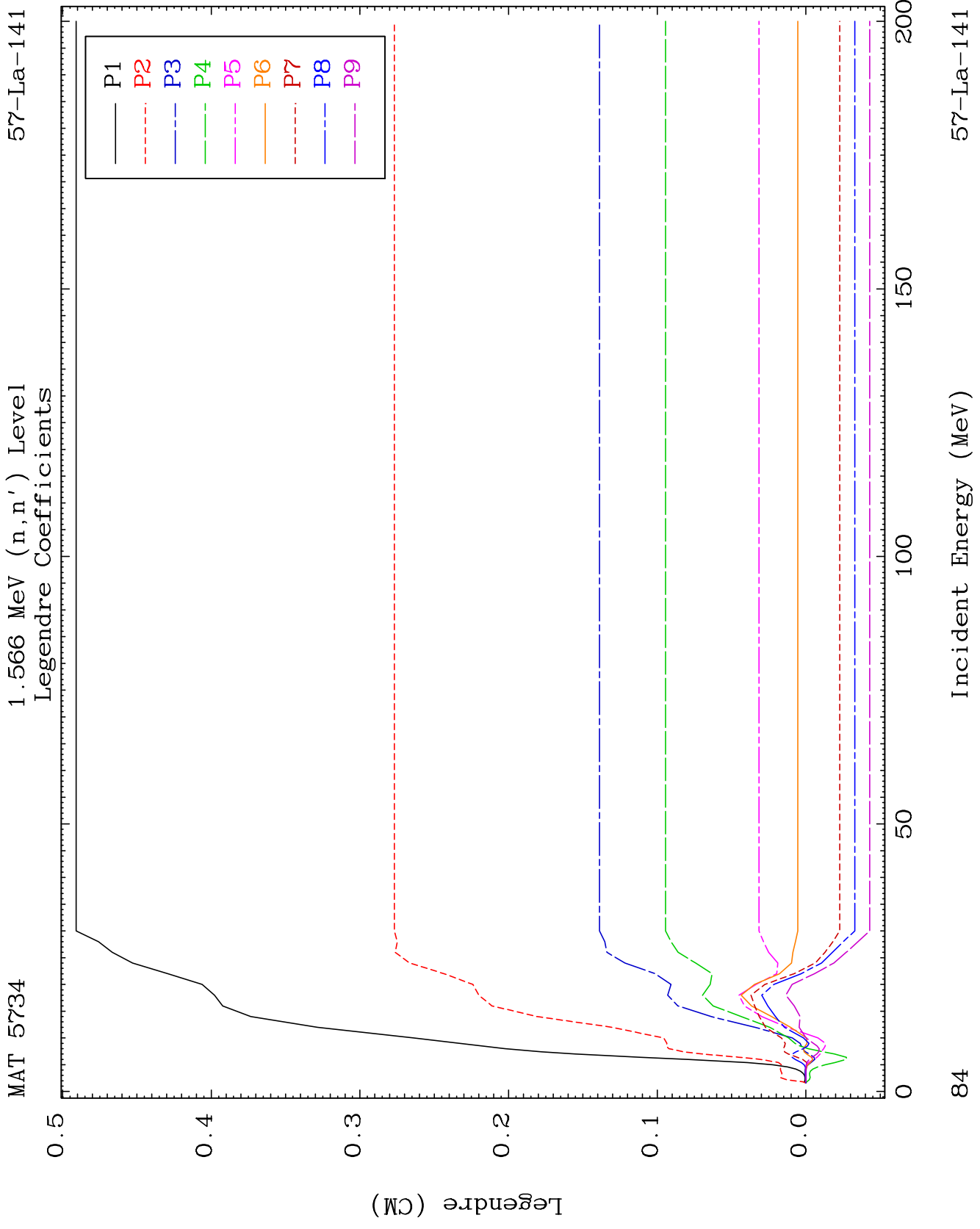
57-La-141

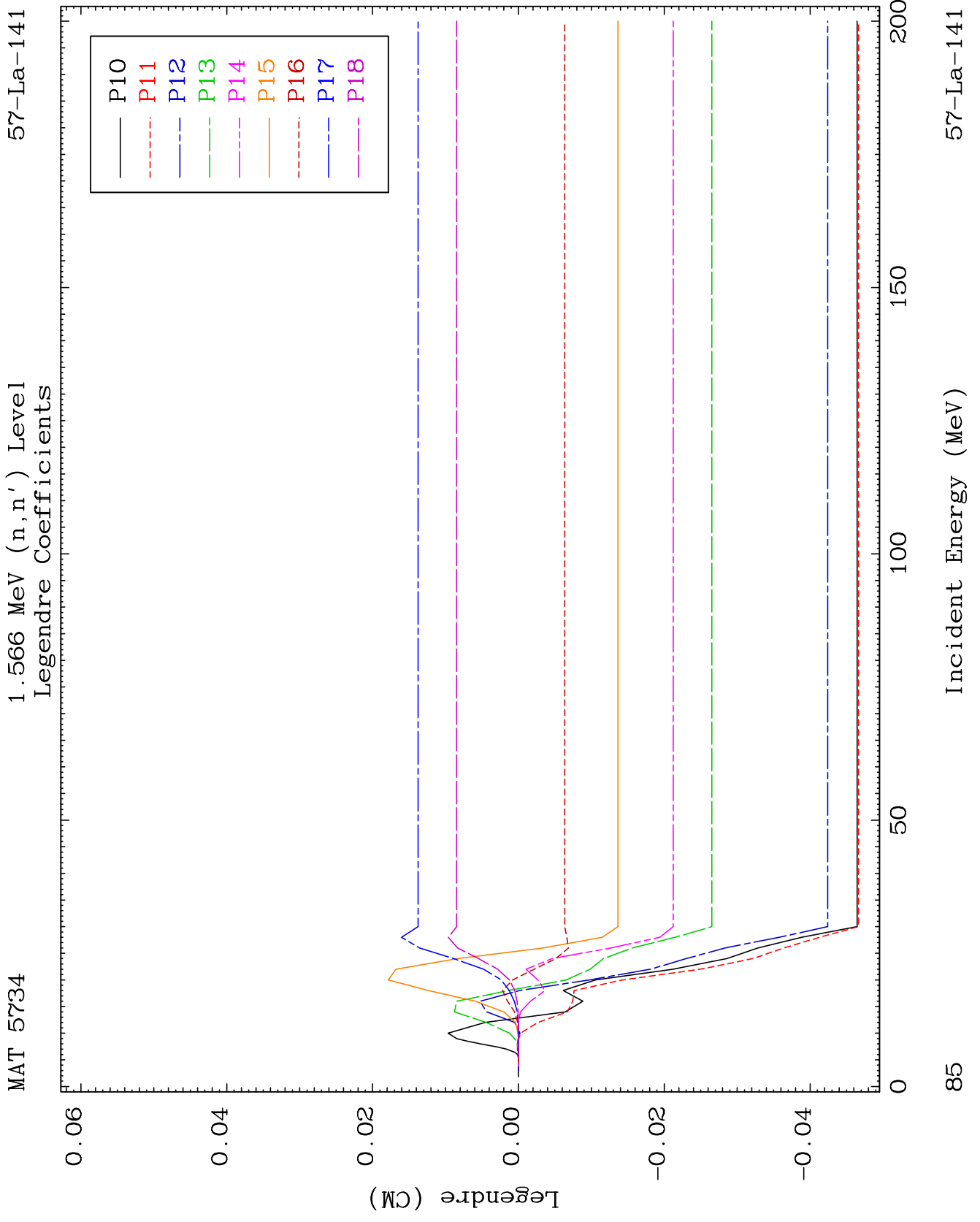
Incident Energy (MeV)

81





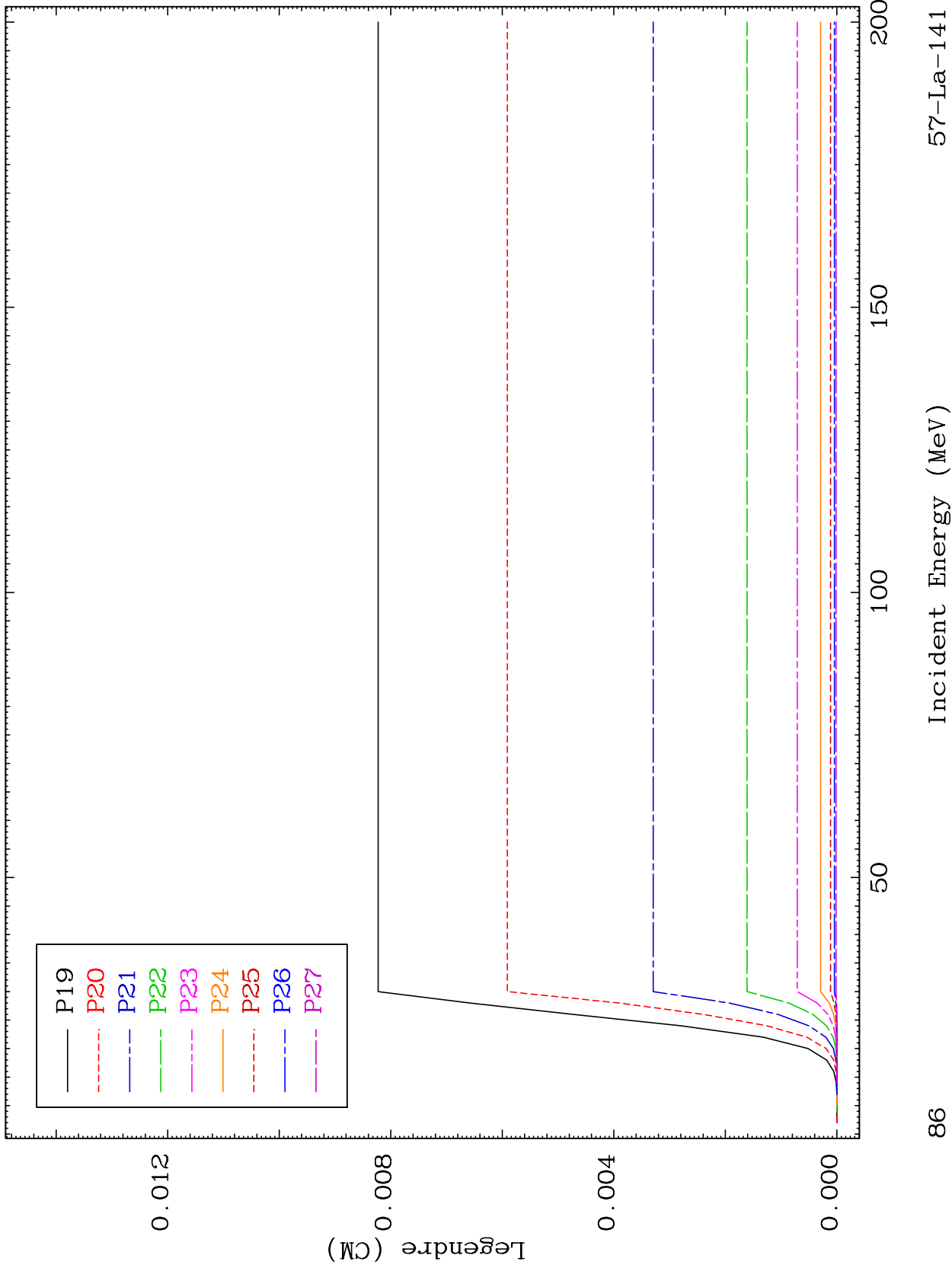




MAT 5734

1.566 MeV (n,n') Level
Legendre Coefficients

57-La-141



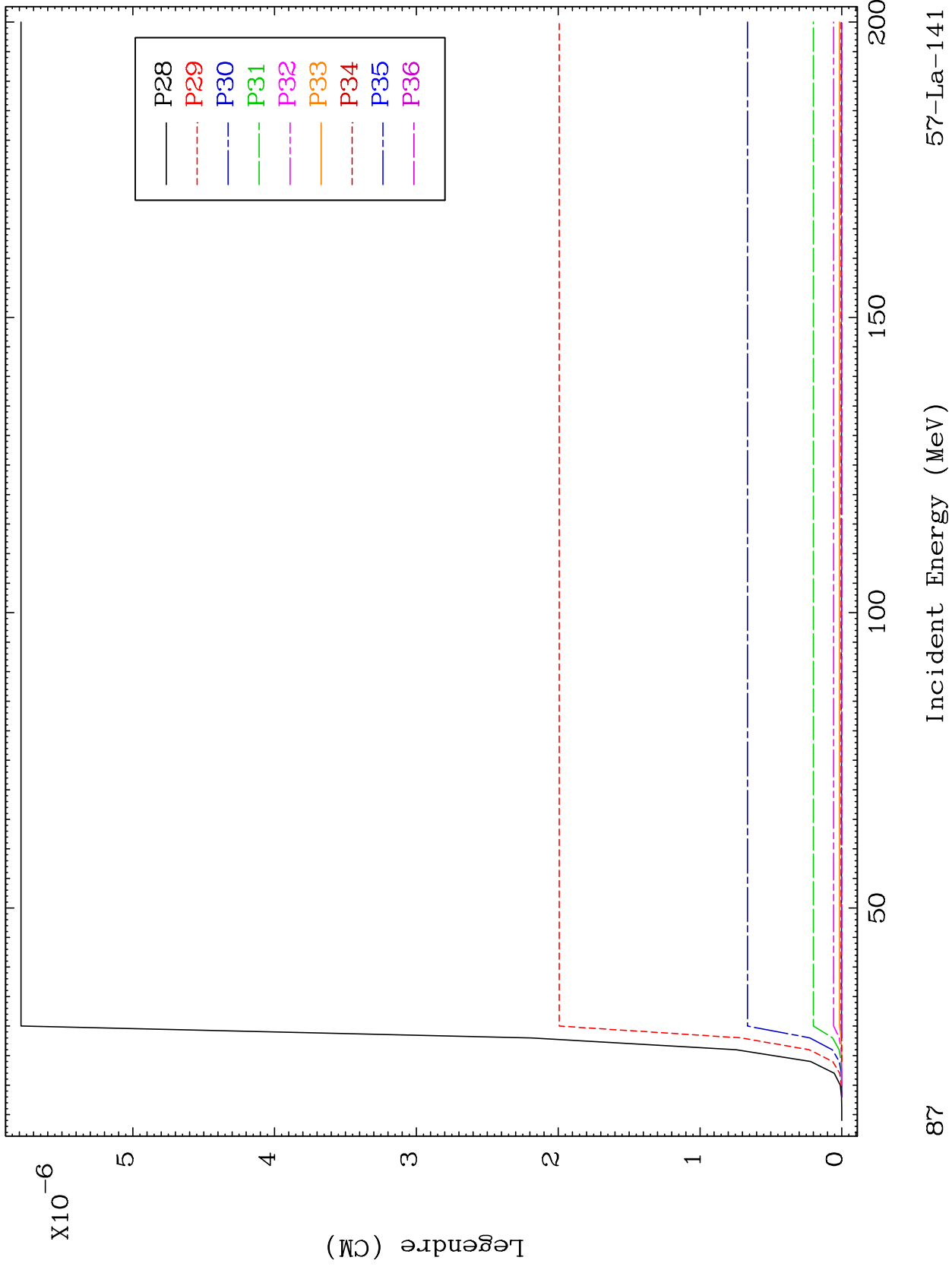
86

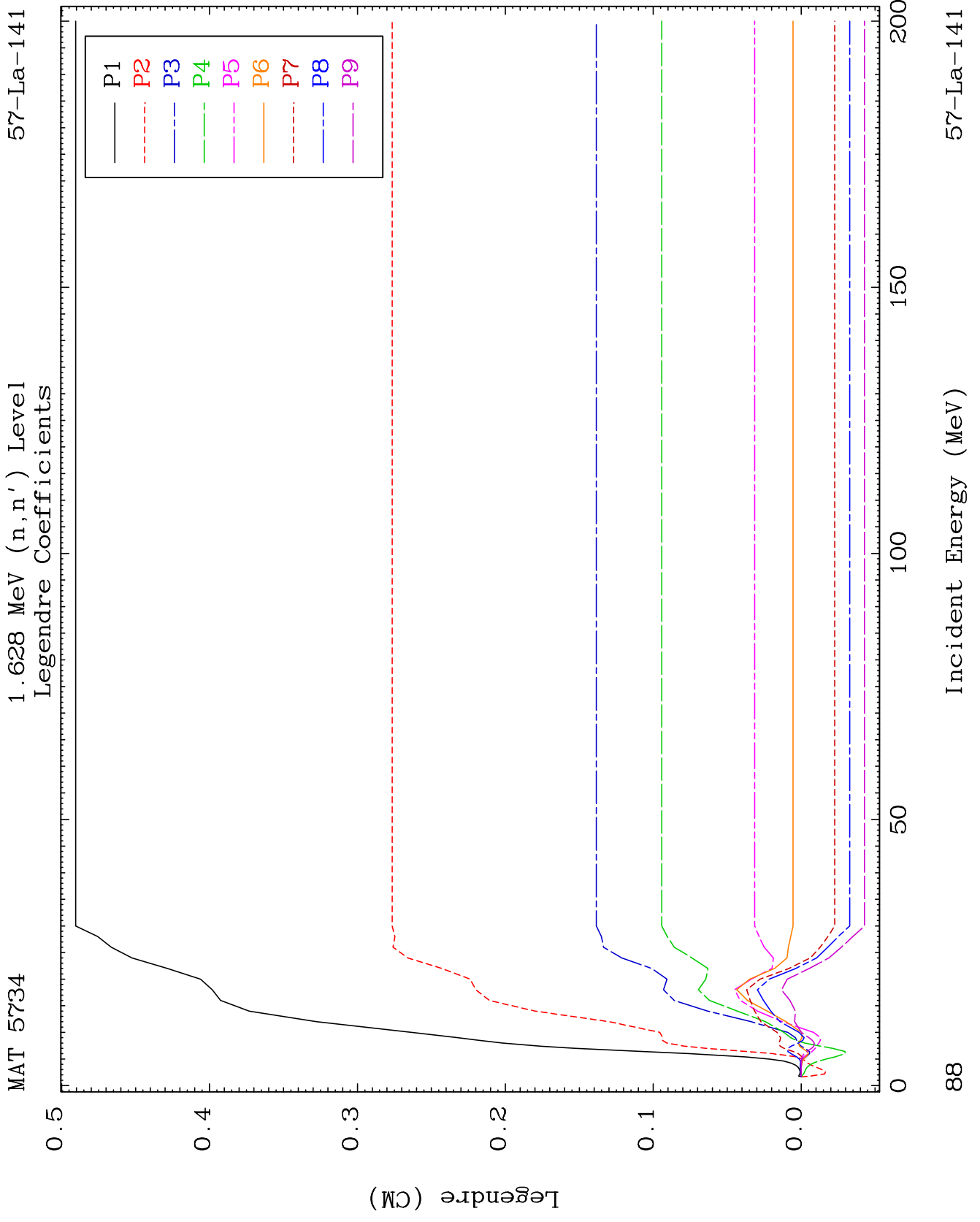
57-La-141

MAT 5734

1.566 MeV (n,n') Level
Legendre Coefficients

57-La-141

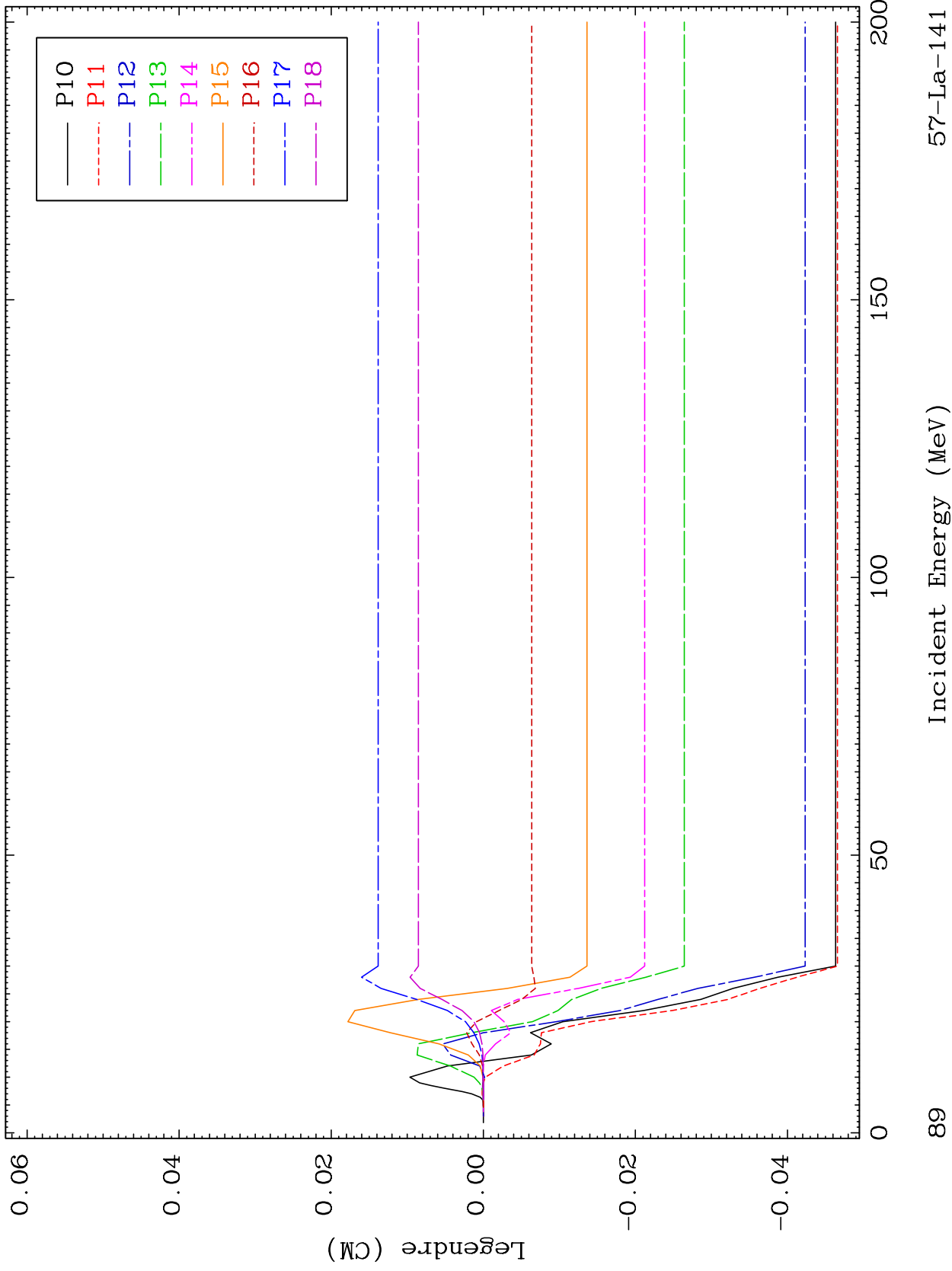




MAT 5734

1.628 MeV (n,n') Level
Legendre Coefficients

57-La-141



89

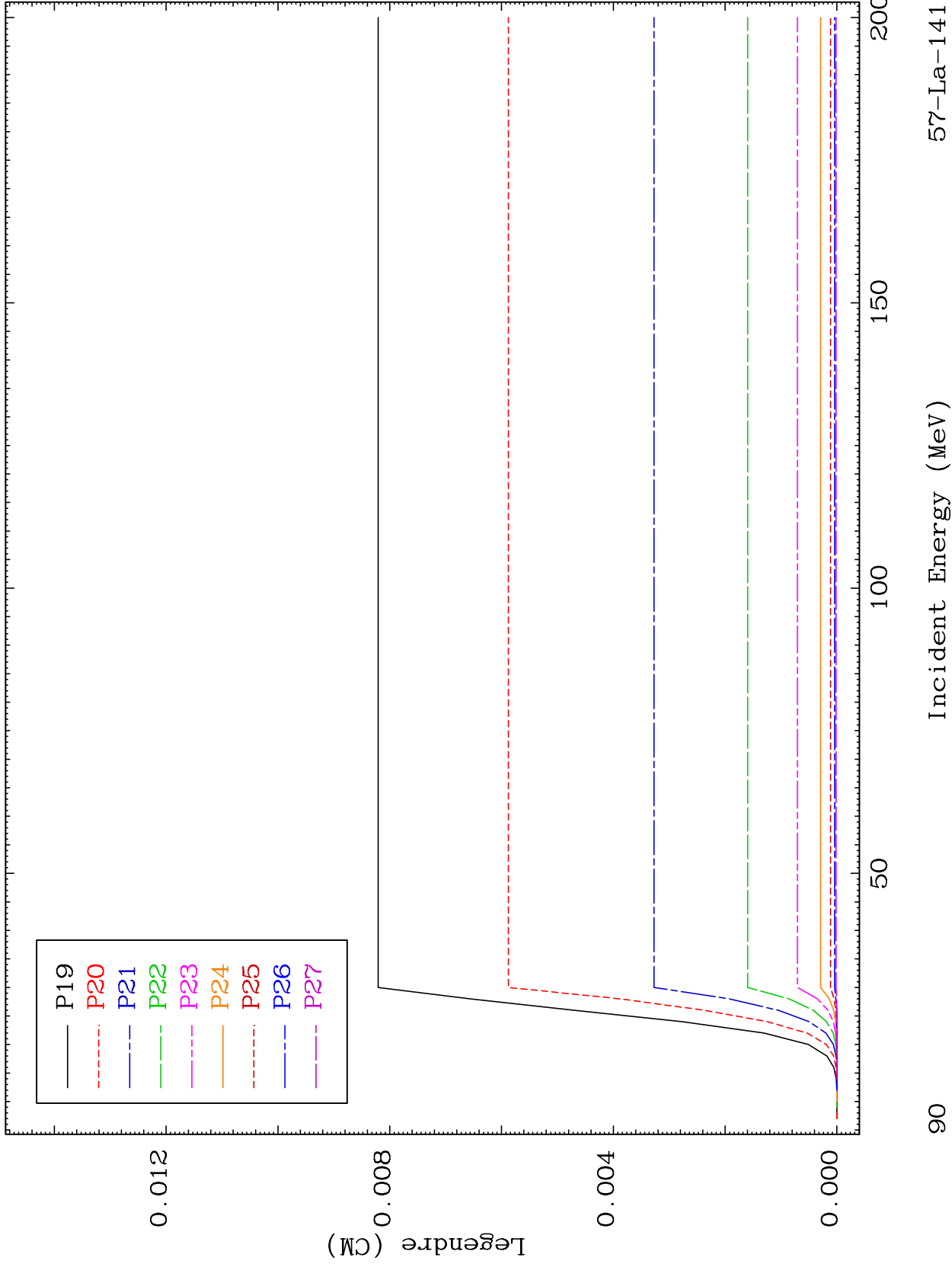
Incident Energy (MeV)

57-La-141

MAT 5734

1.628 MeV (n,n') Level
Legendre Coefficients

57-La-141



90

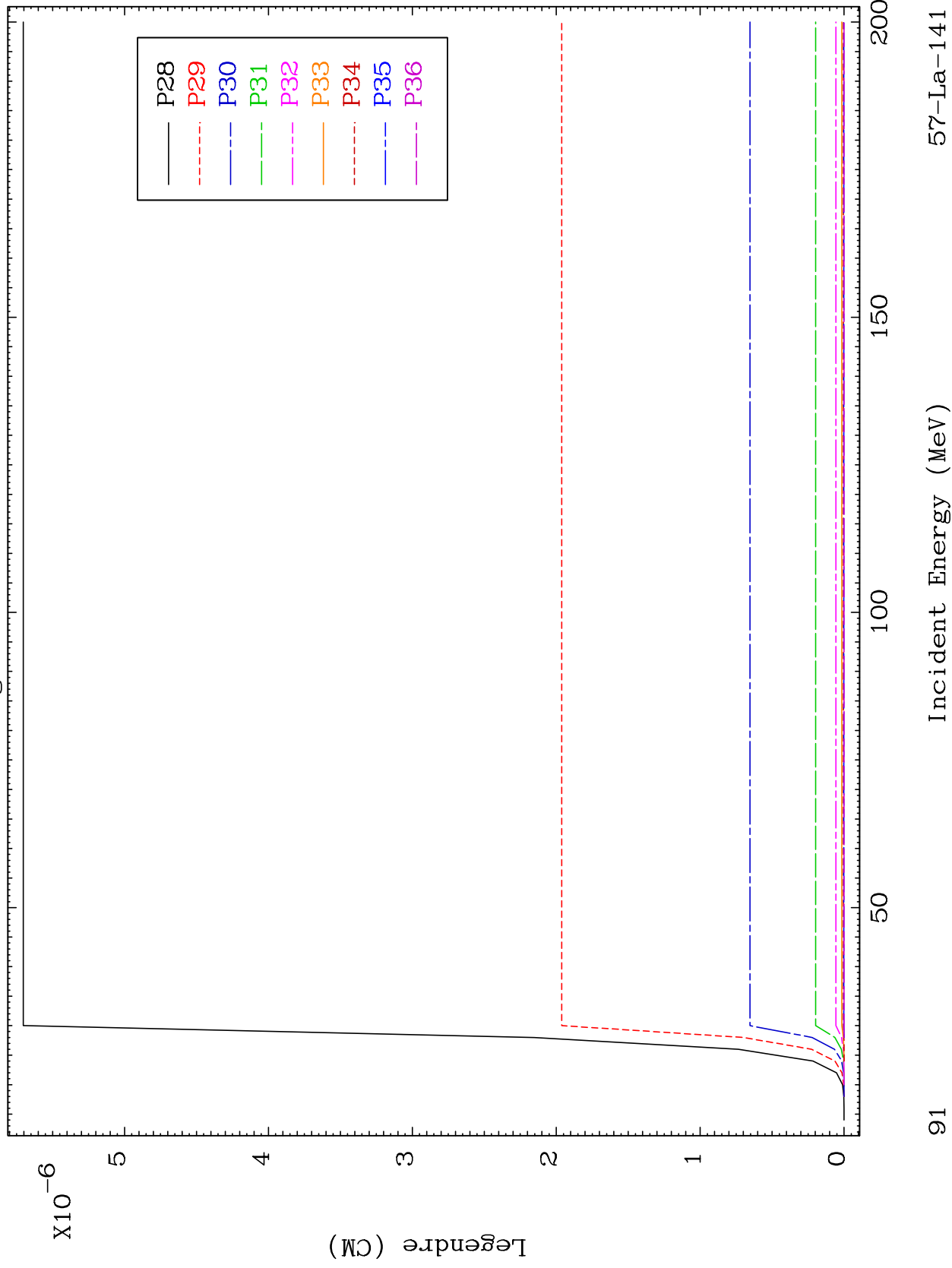
Incident Energy (MeV)

57-La-141

MAT 5734

1.628 MeV (n,n') Level
Legendre Coefficients

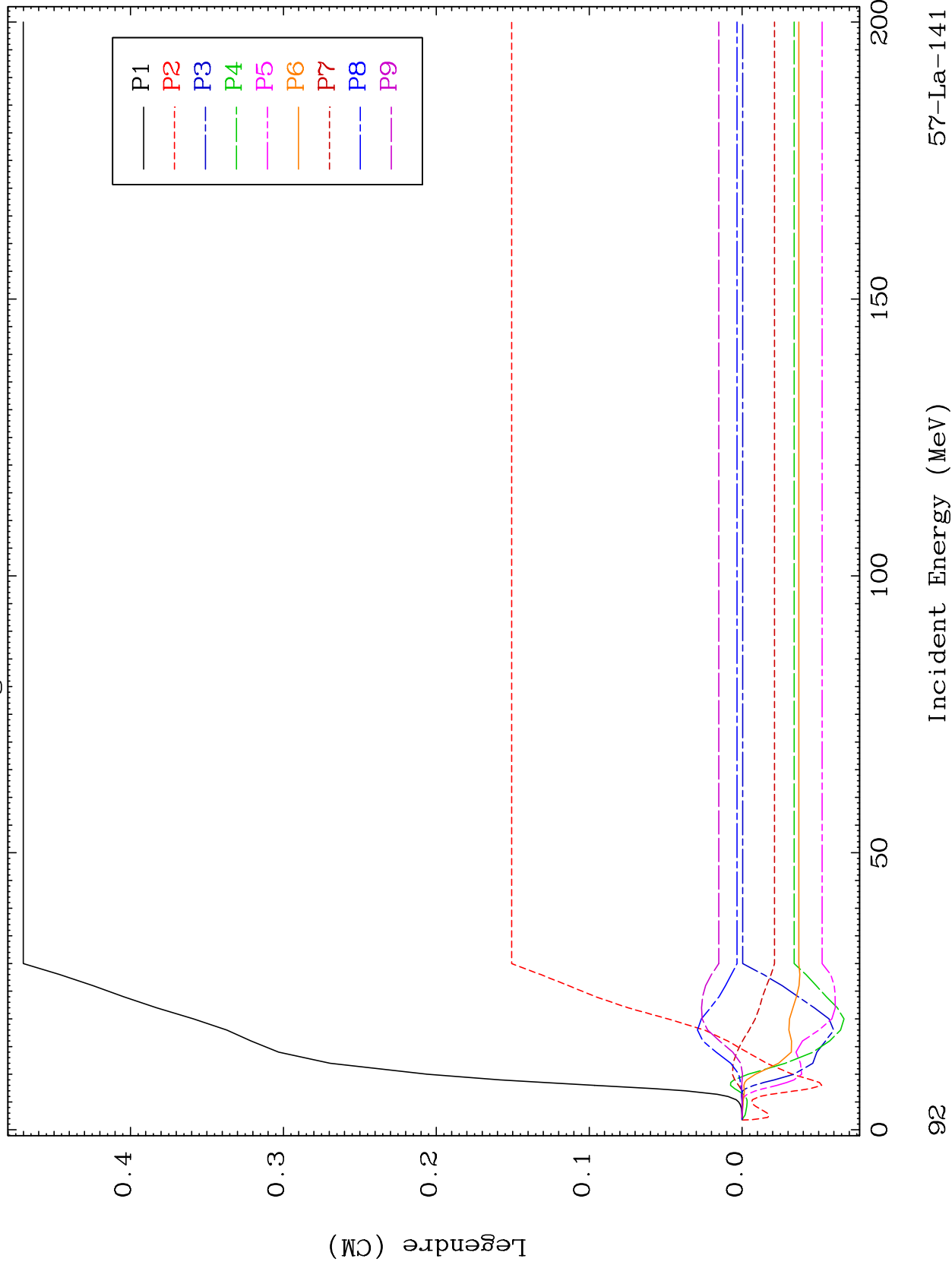
57-La-141



MAT 5734

1.717 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

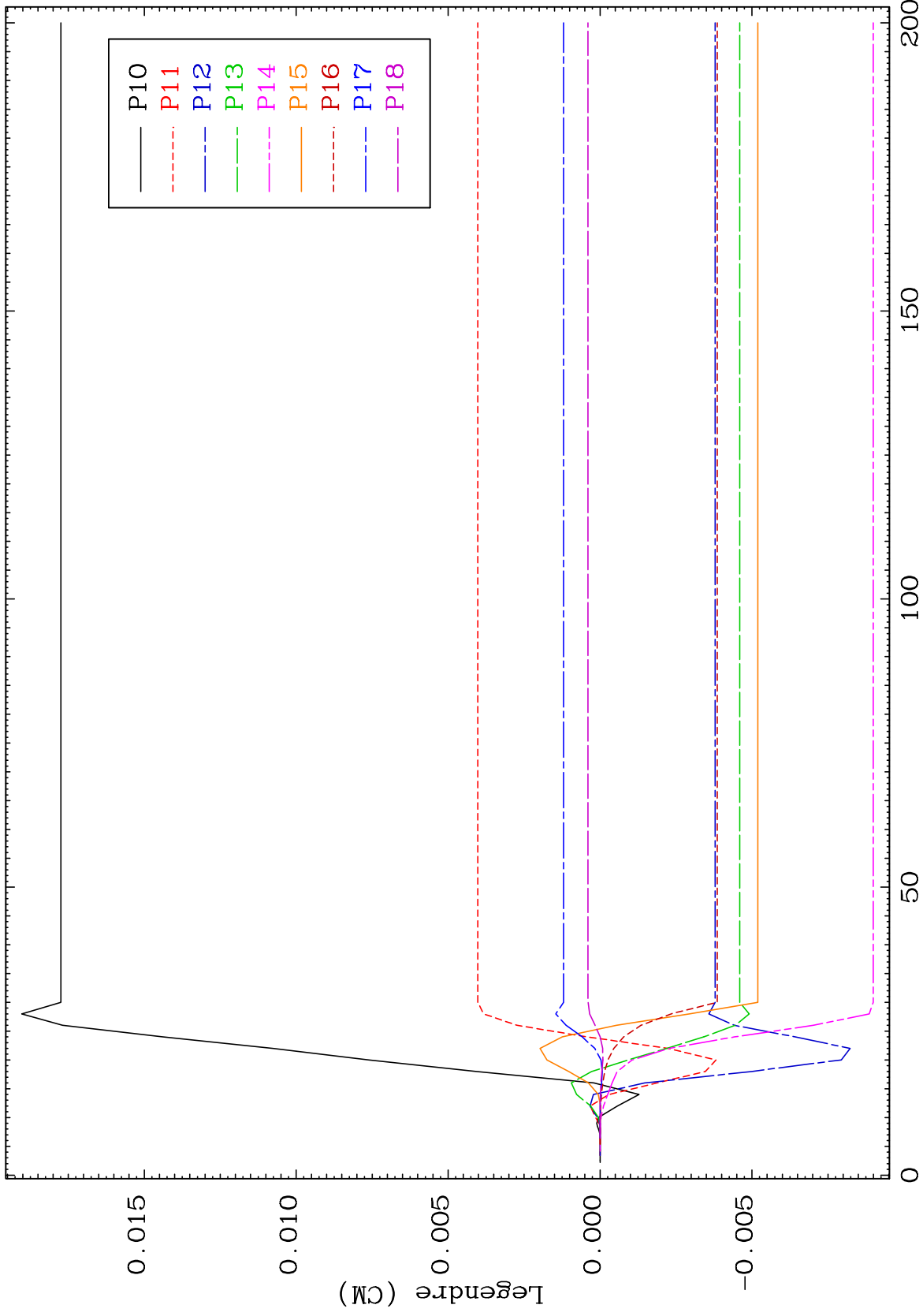
Incident Energy (MeV)

92

MAT 5734

1.717 MeV (n,n') Level
Legendre Coefficients

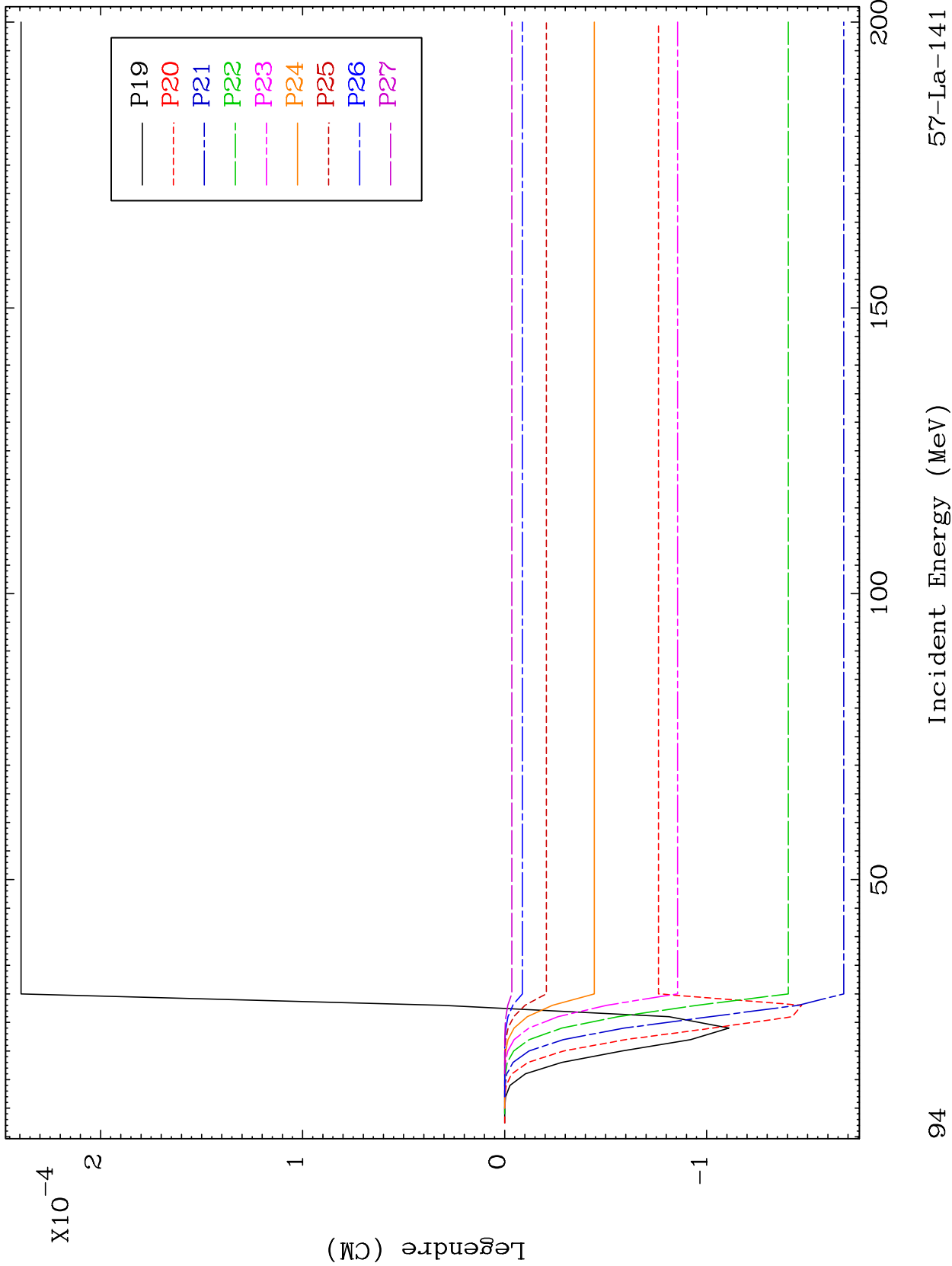
57-La-141

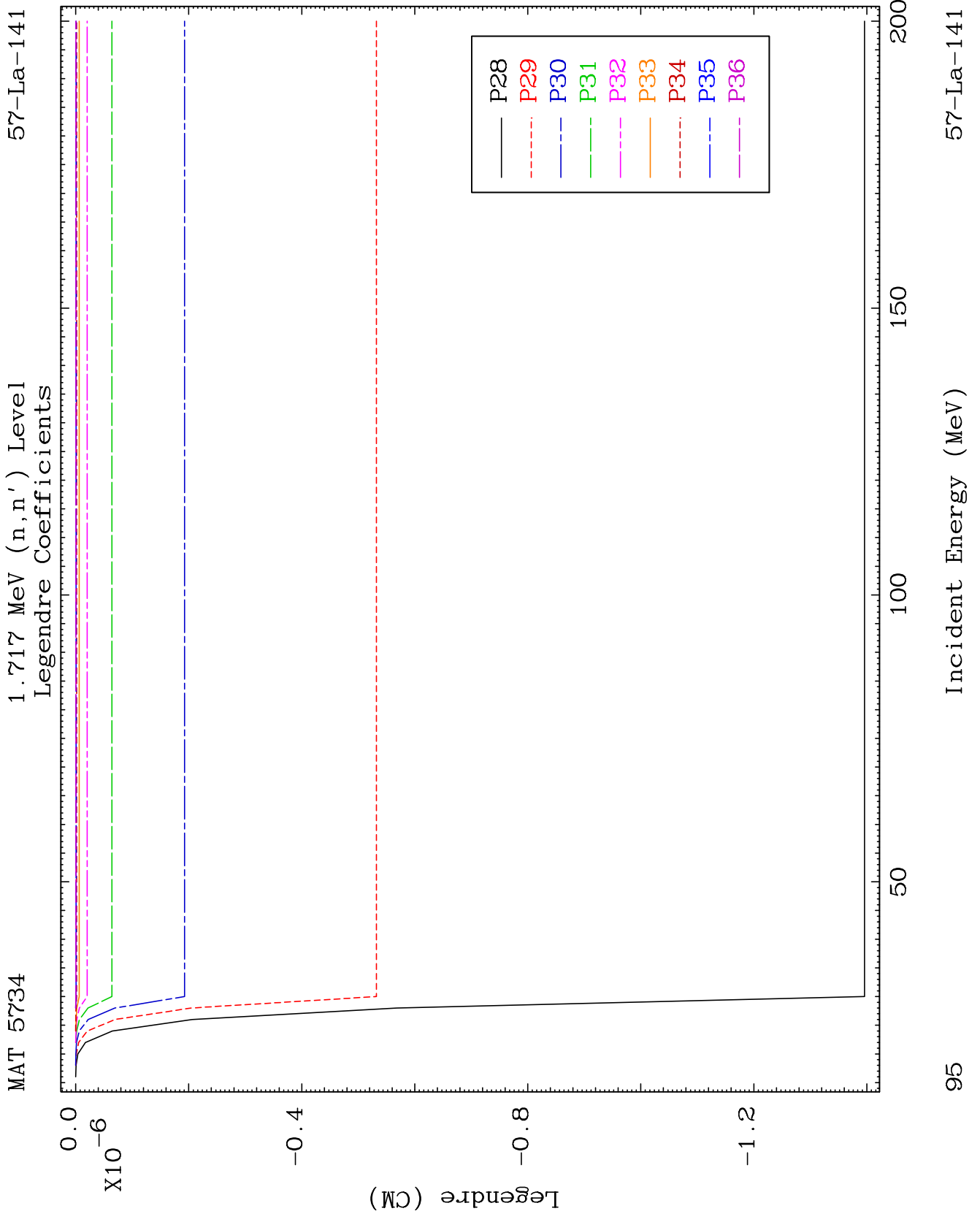


93

Incident Energy (MeV)

57-La-141

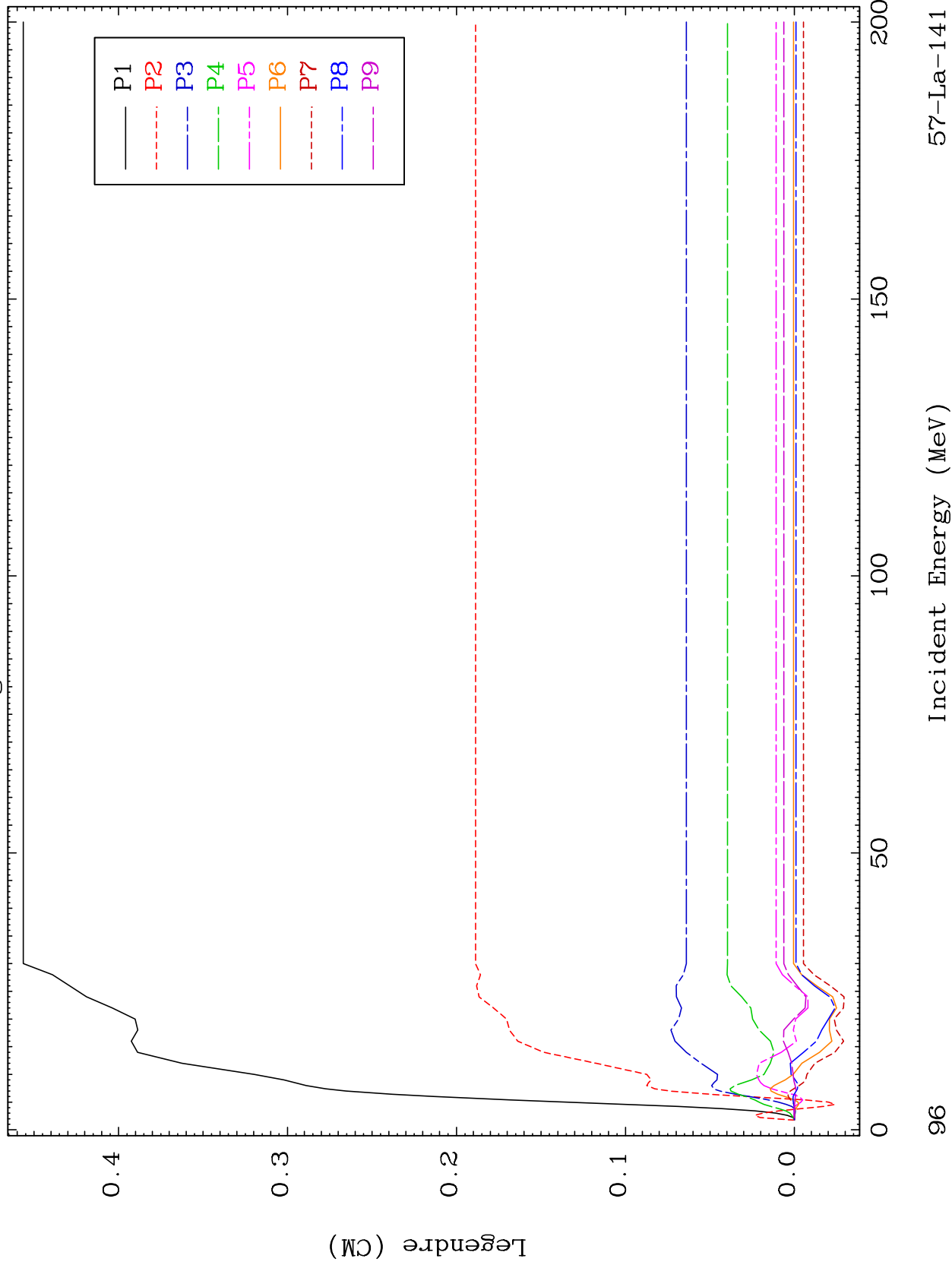




MAT 5734

1.741 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

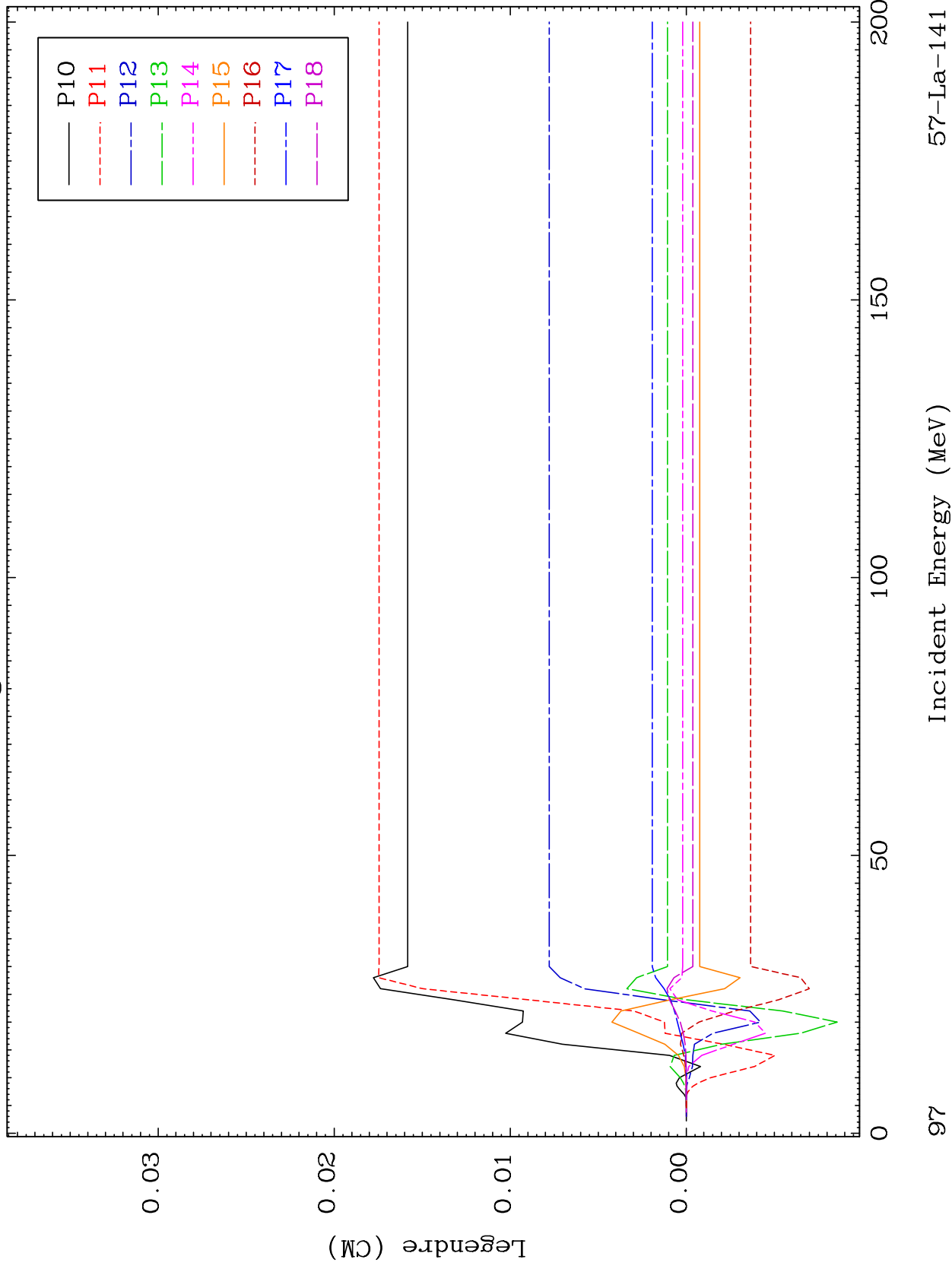
Incident Energy (MeV)

96

MAT 5734

1.741 MeV (n,n') Level
Legendre Coefficients

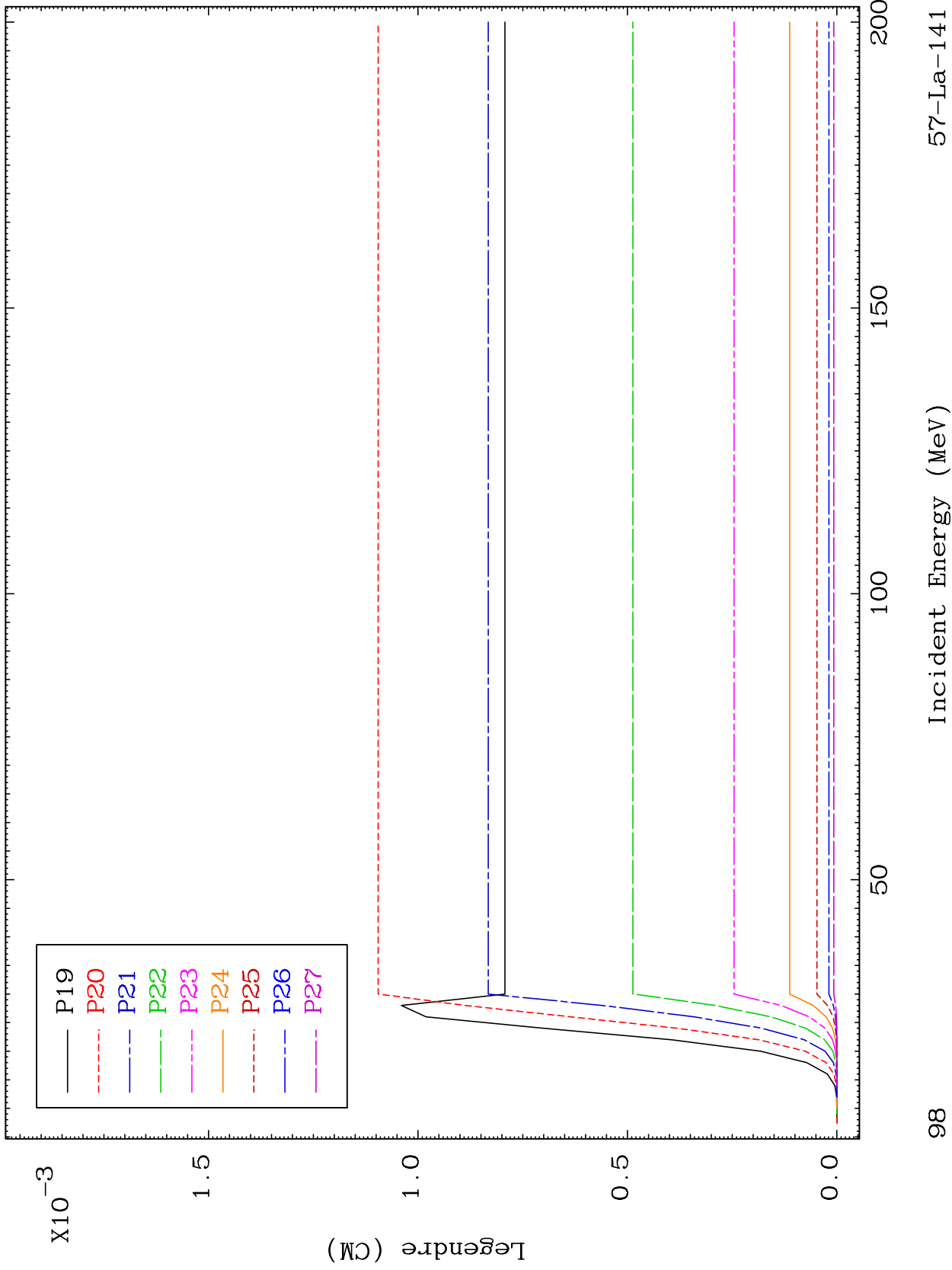
57-La-141



57-La-141

Incident Energy (MeV)

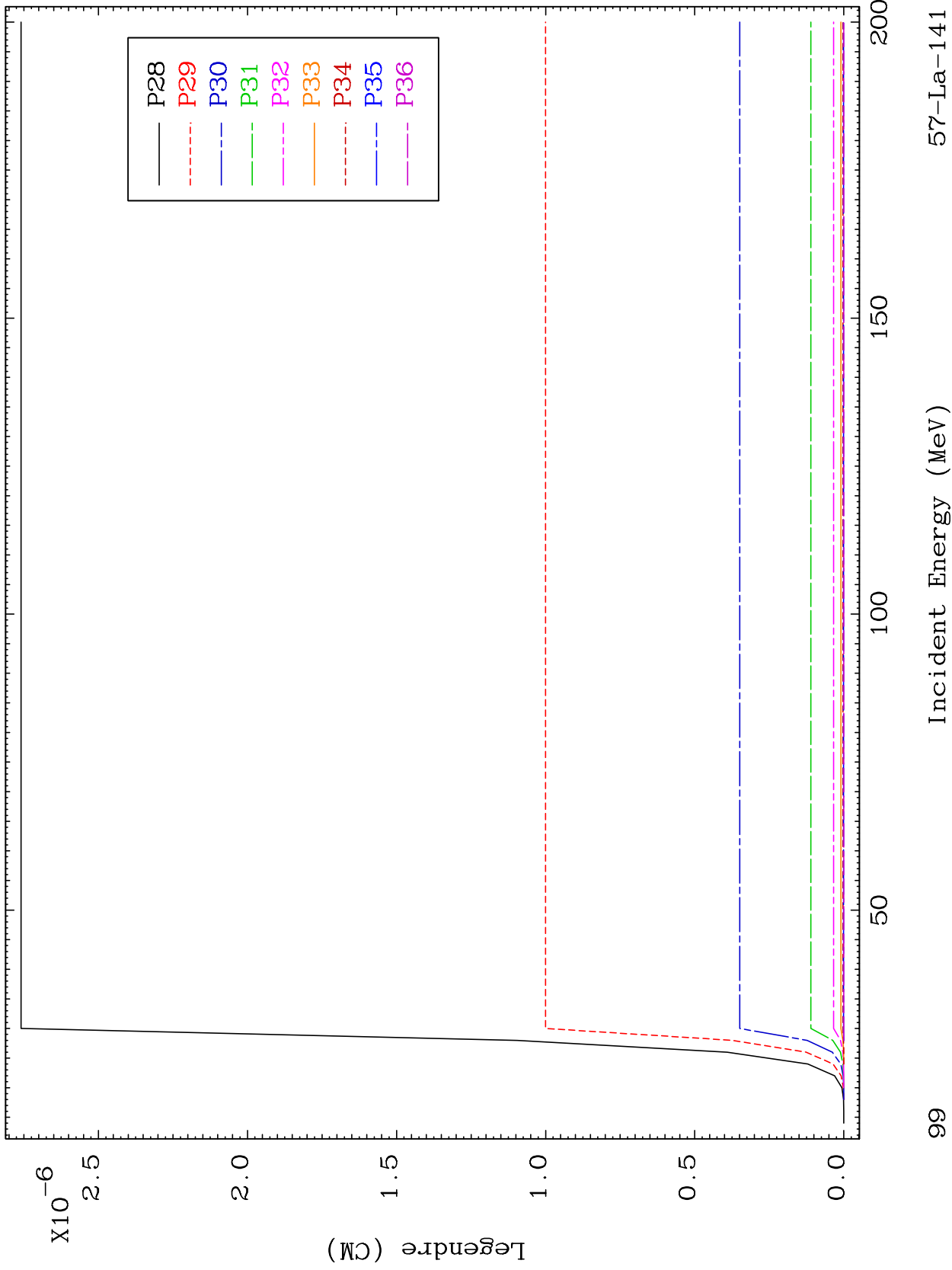
97



MAT 5734

1.741 MeV (n,n') Level
Legendre Coefficients

57-La-141



99

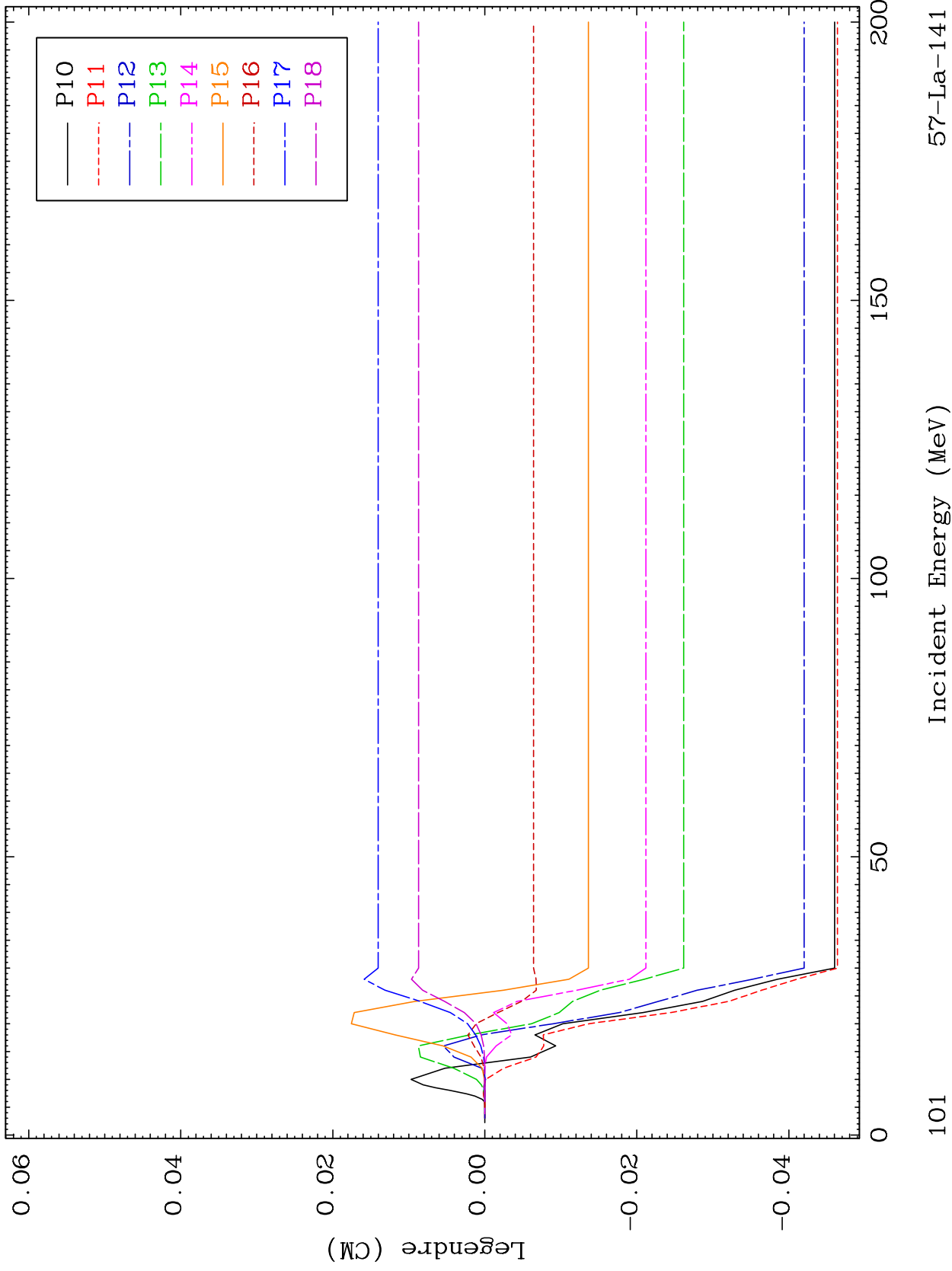
Incident Energy (MeV)

57-La-141

MAT 5734

1.844 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

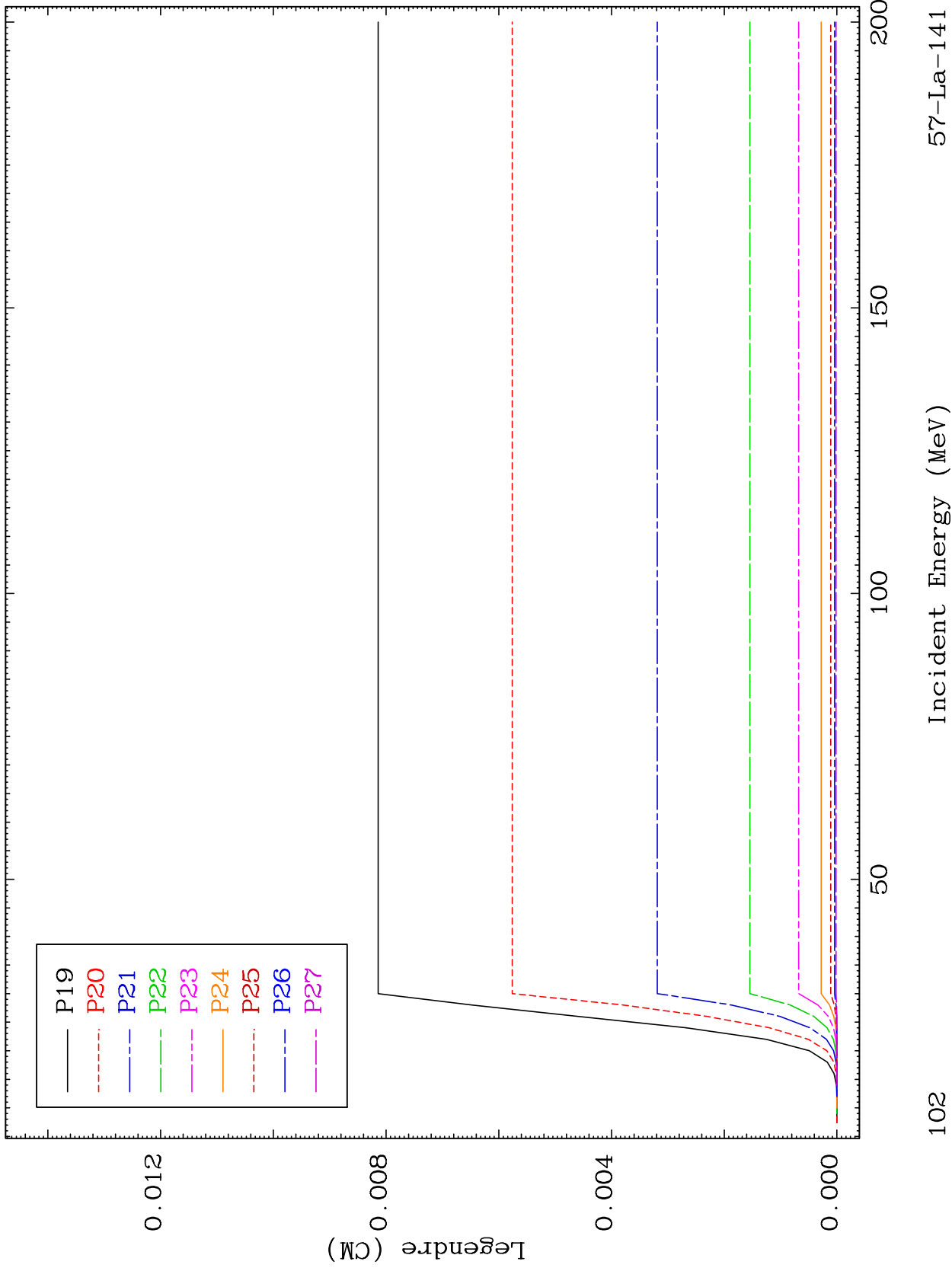
Incident Energy (MeV)

101

MAT 5734

1.844 MeV (n,n') Level
Legendre Coefficients

57-La-141



102

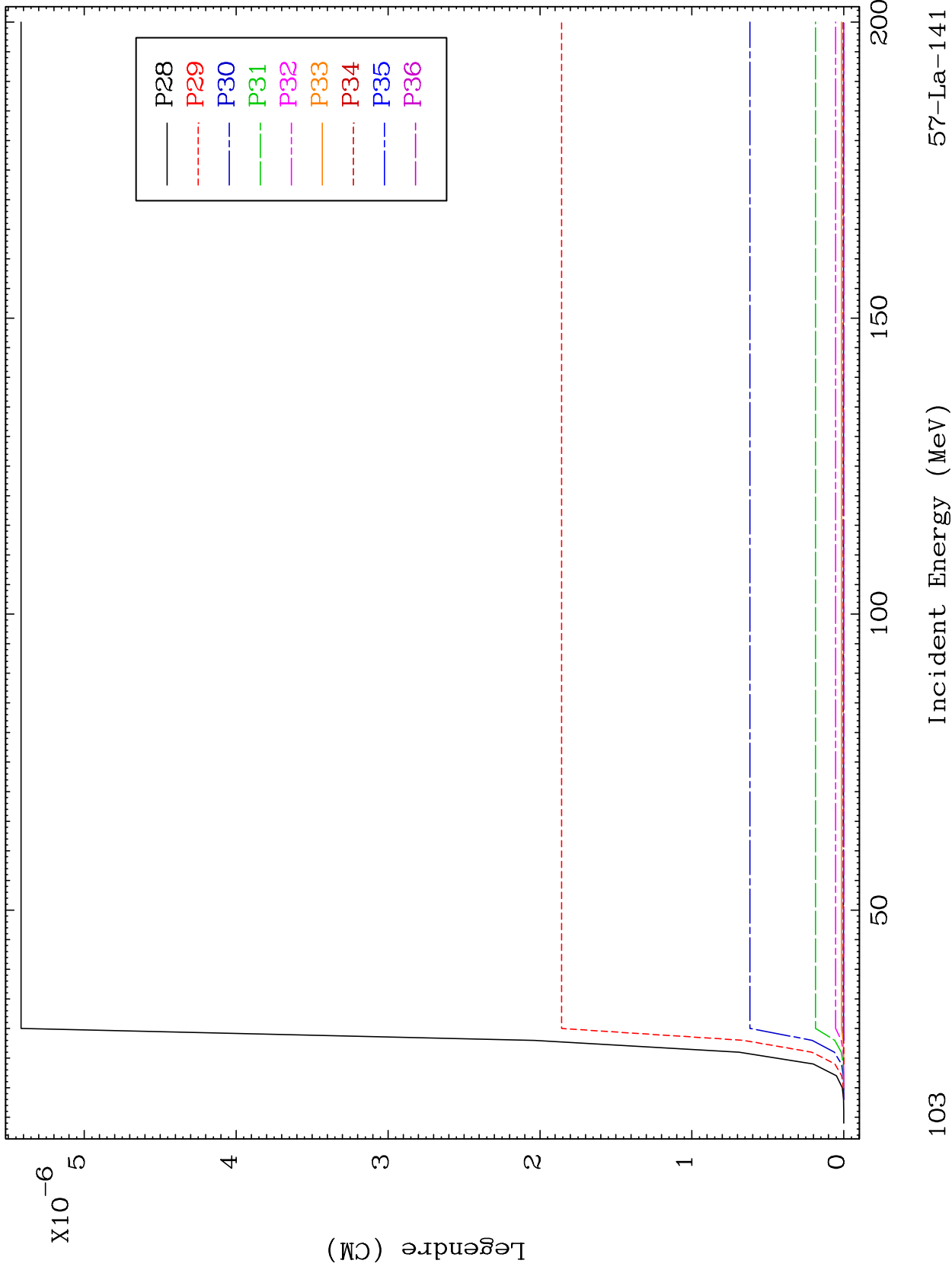
Incident Energy (MeV)

57-La-141

MAT 5734

1.844 MeV (n, n') Level
Legendre Coefficients

57-La-141



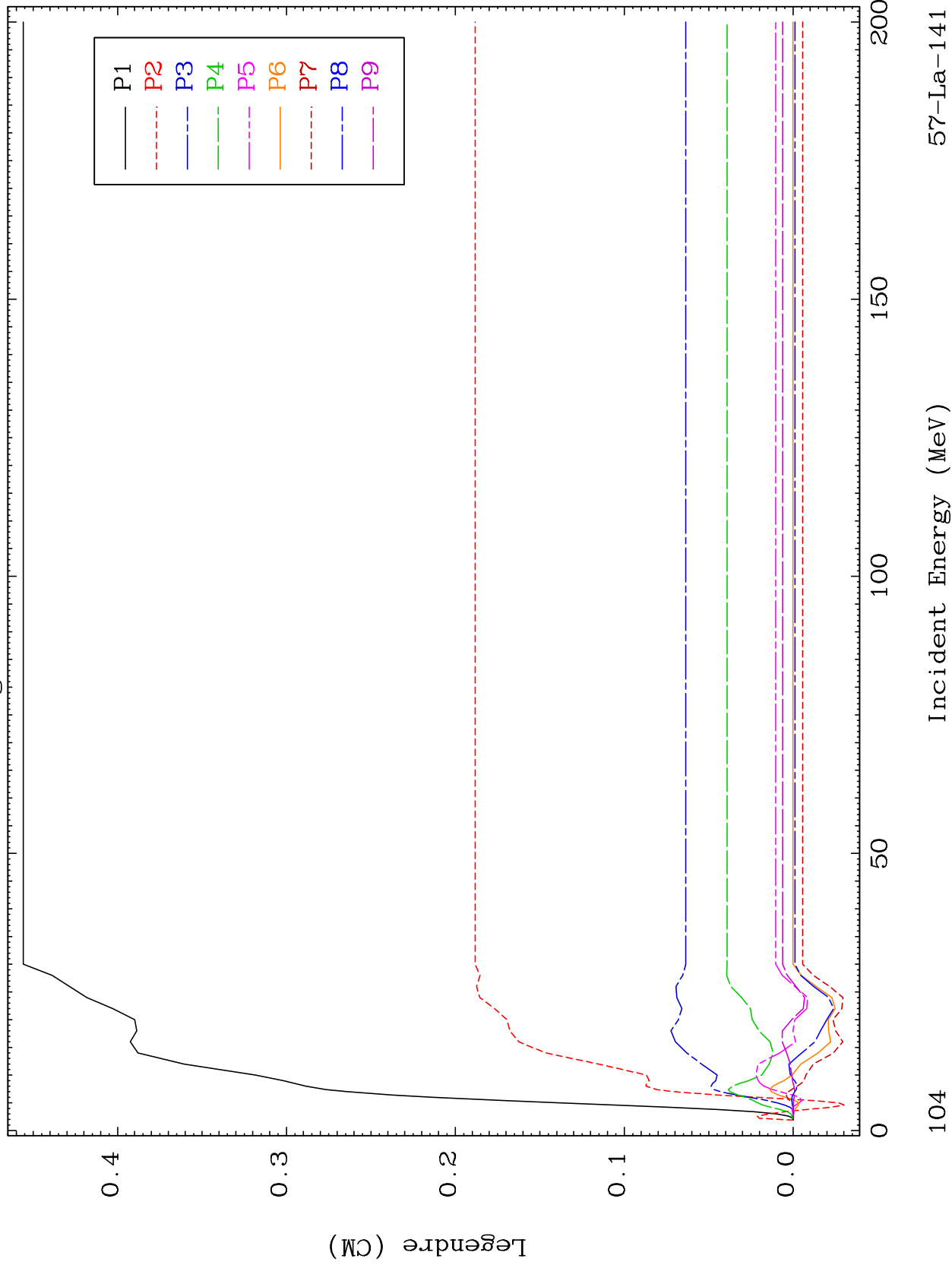
103

57-La-141

MAT 5734

1.873 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

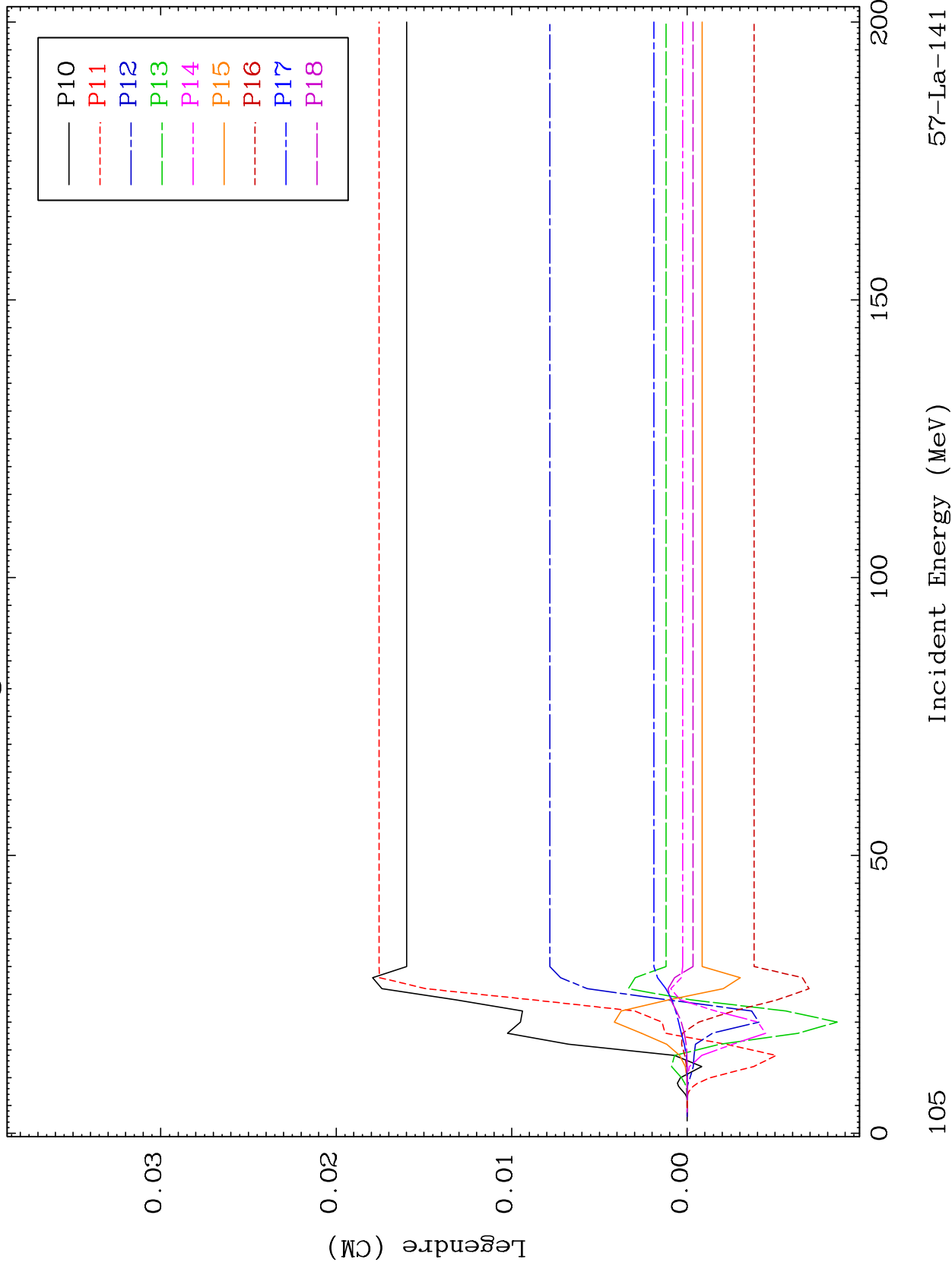
Incident Energy (MeV)

104

MAT 5734

1.873 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

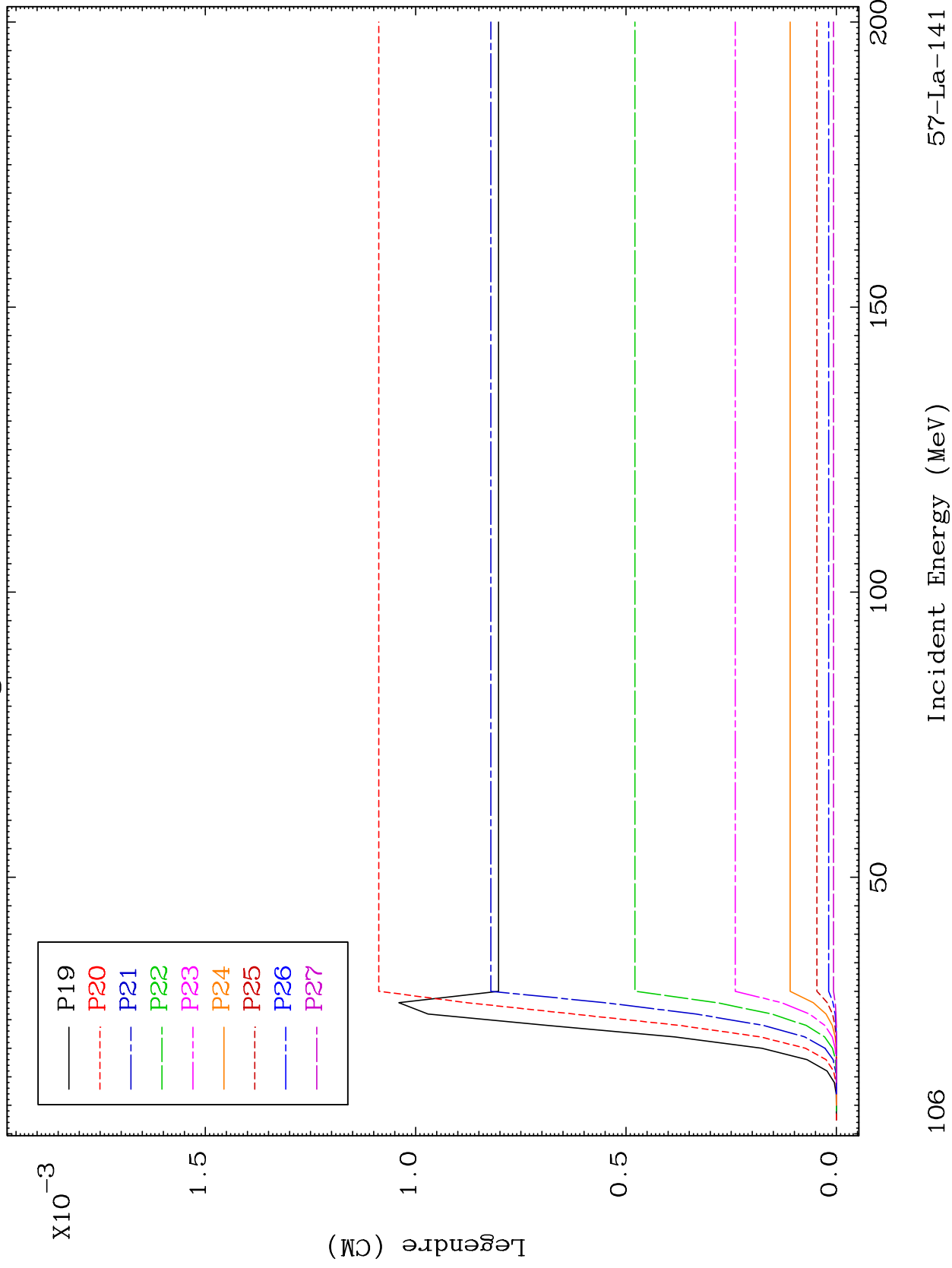
Incident Energy (MeV)

105

MAT 5734

1.873 MeV (n,n') Level
Legendre Coefficients

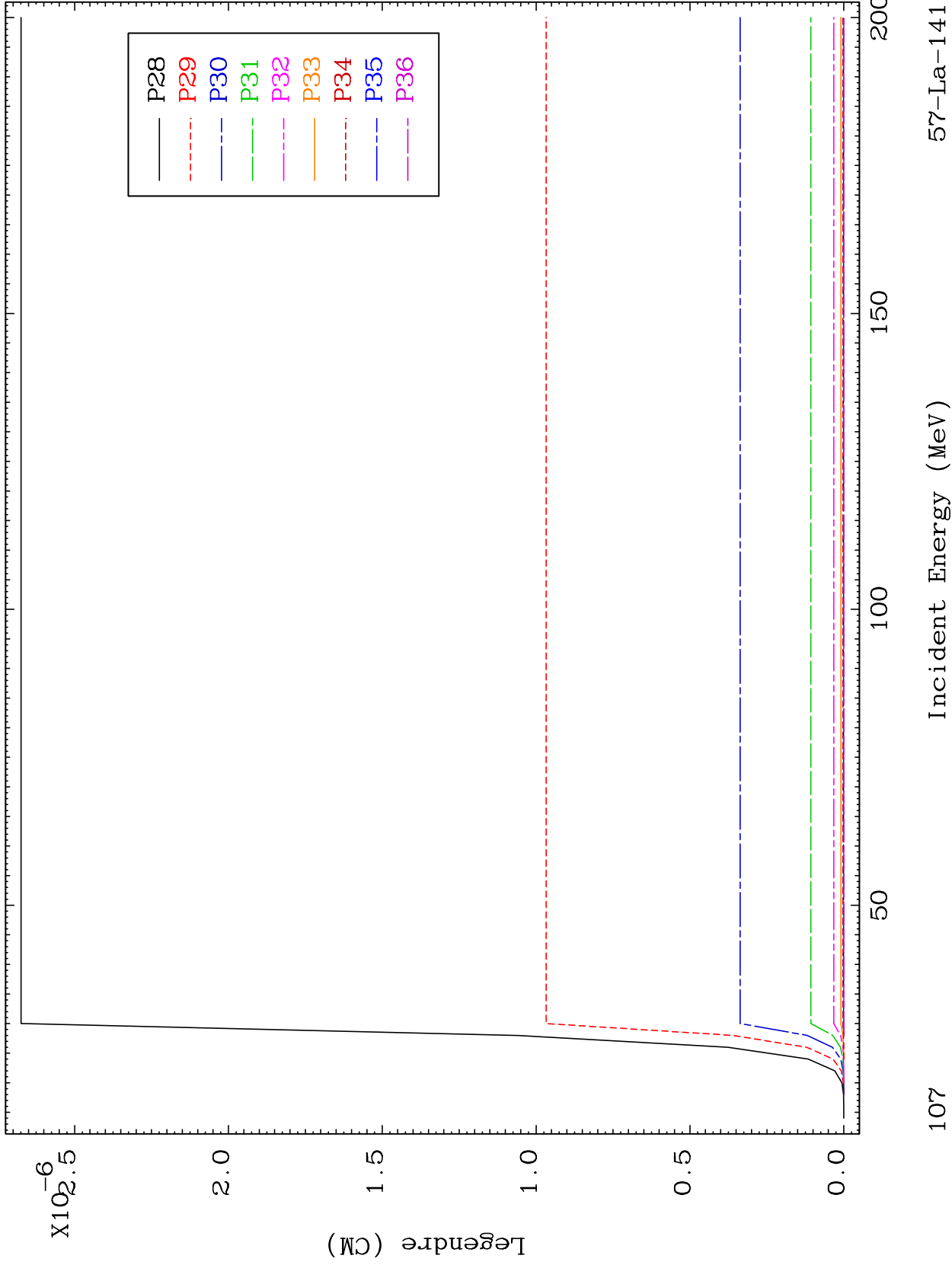
57-La-141



MAT 5734

1.873 MeV (n, n') Level
Legendre Coefficients

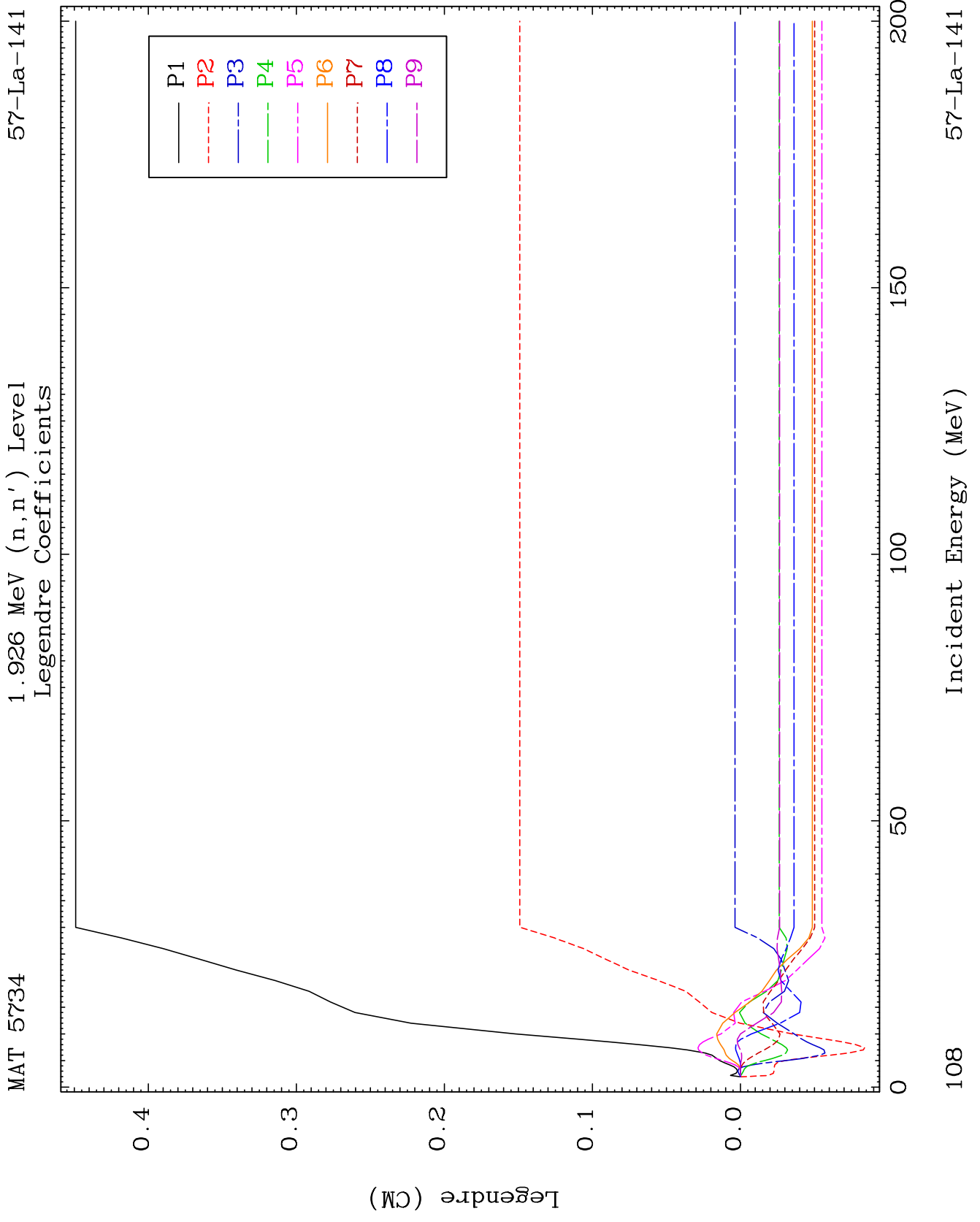
57-La-141



107

Incident Energy (MeV)

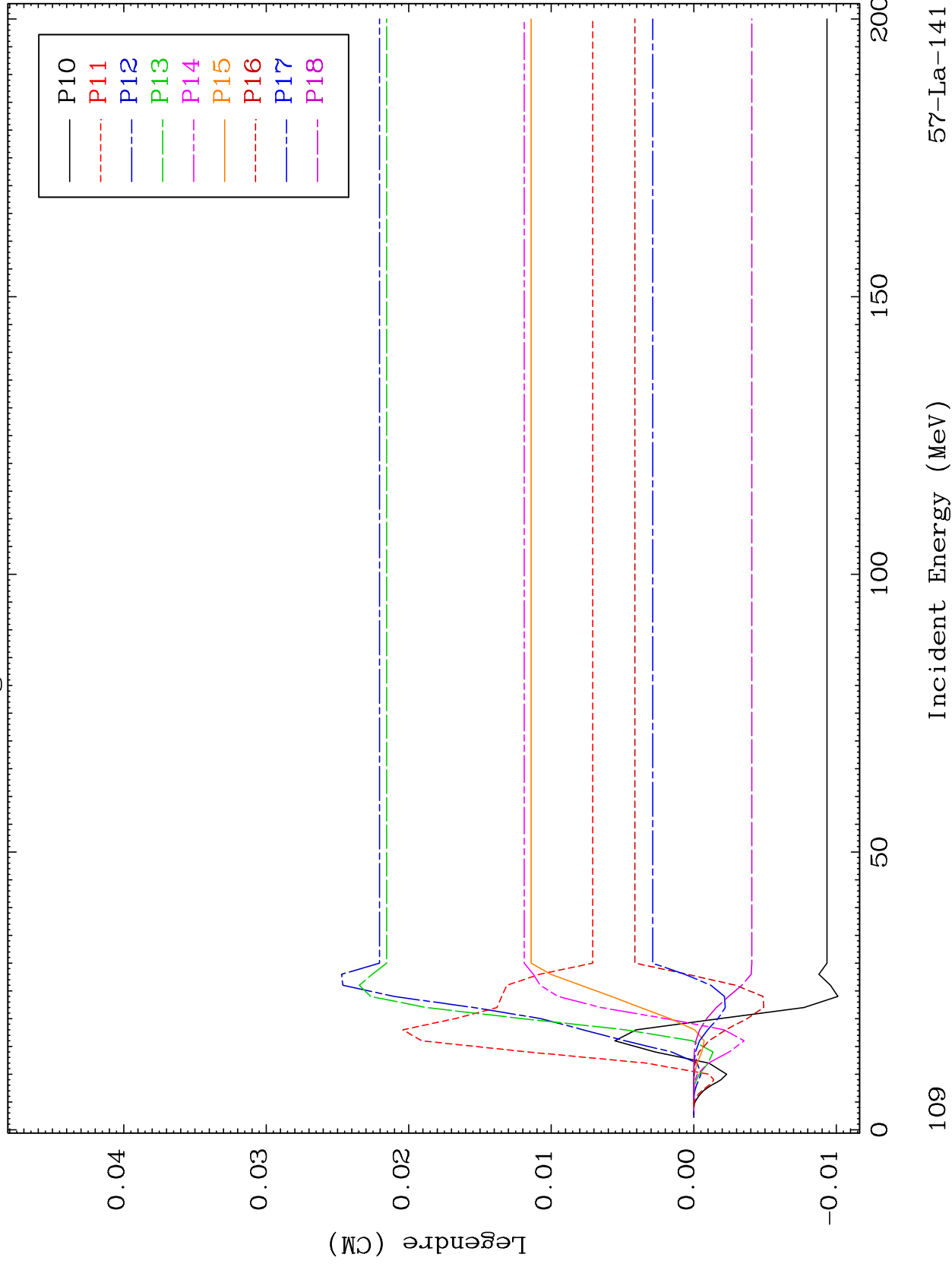
57-La-141



MAT 5734

1.926 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

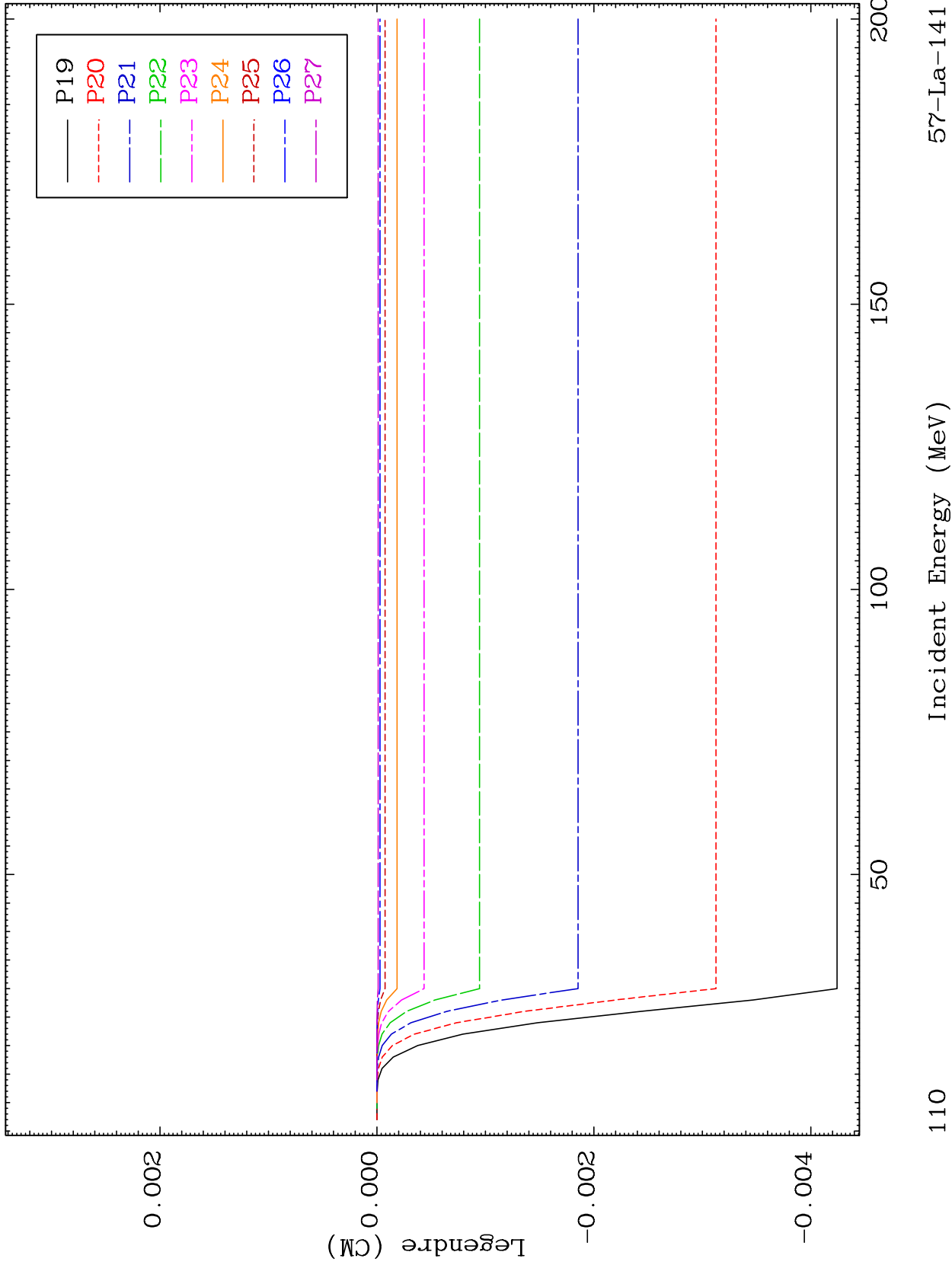
Incident Energy (MeV)

109

MAT 5734

1.926 MeV (n,n') Level
Legendre Coefficients

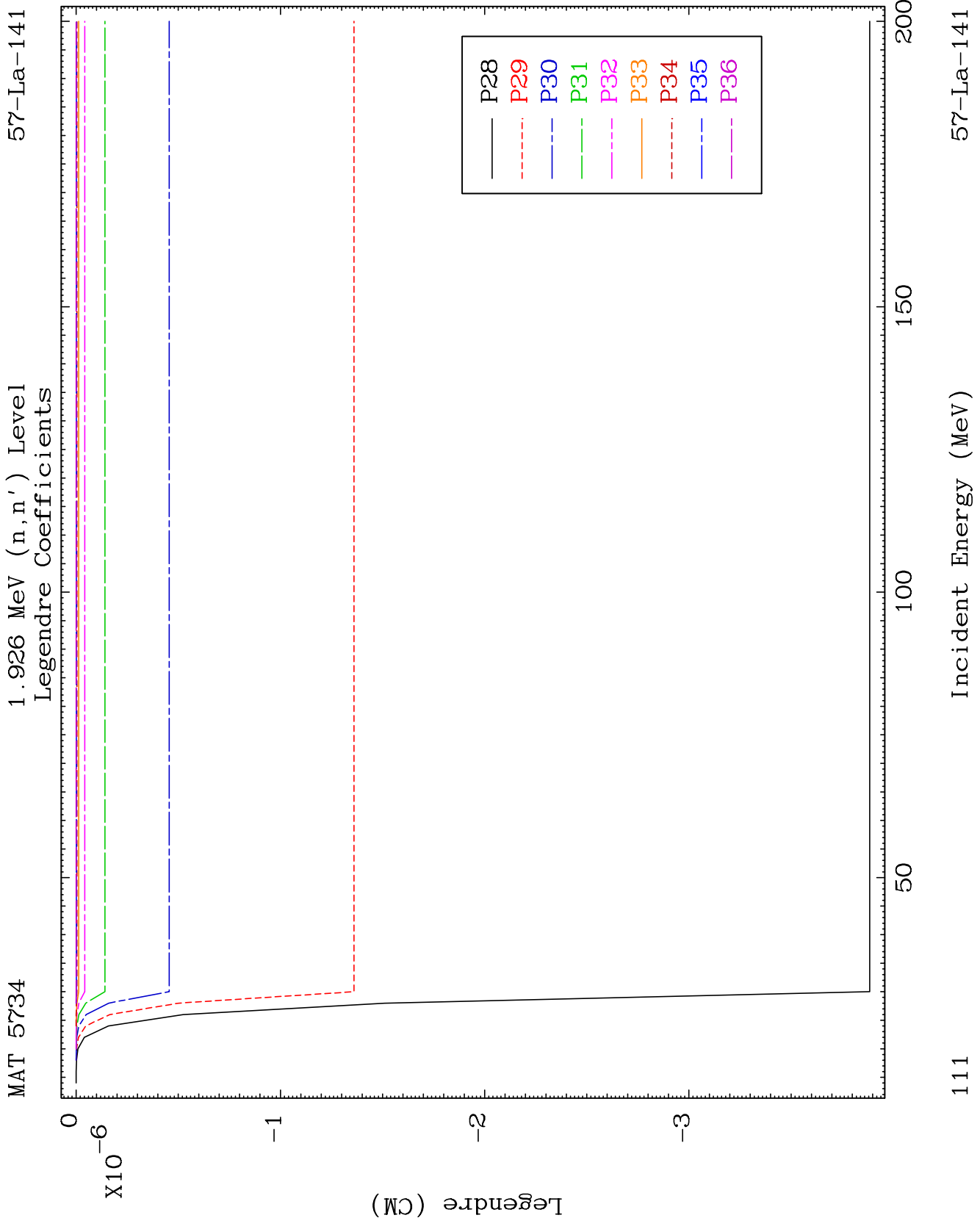
57-La-141



110

Incident Energy (MeV)

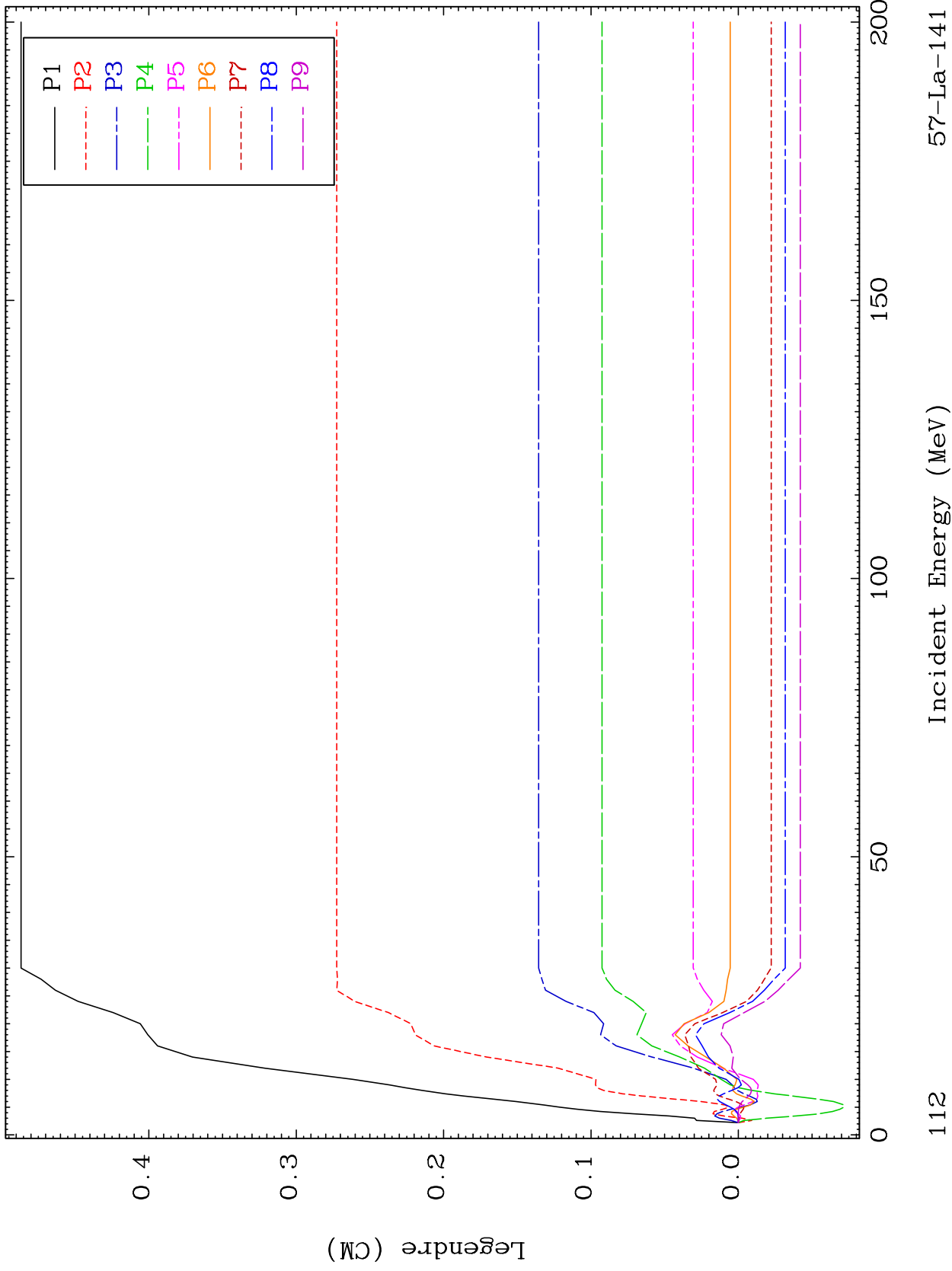
57-La-141



MAT 5734

2.181 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

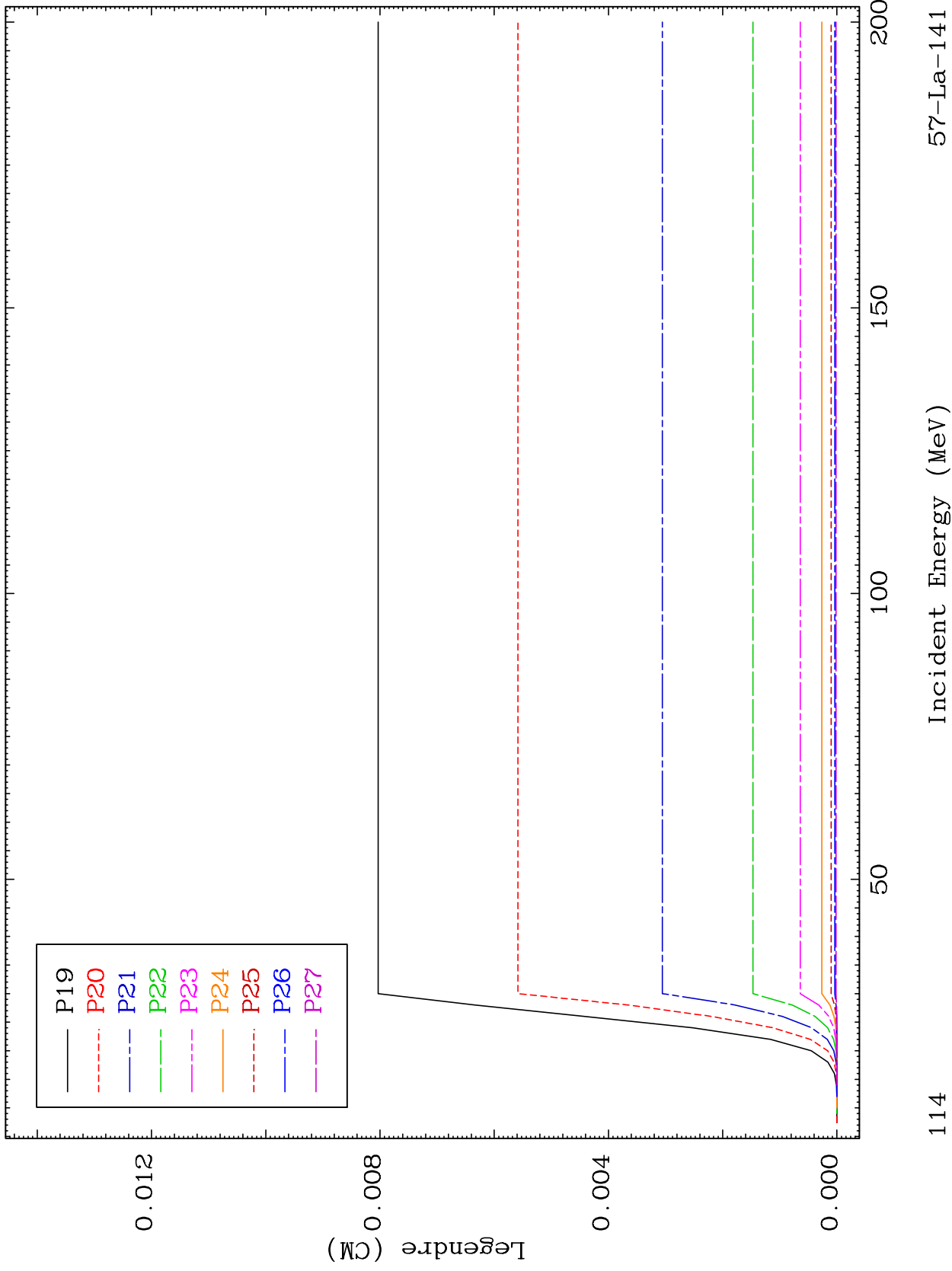
Incident Energy (MeV)

112

MAT 5734

2.181 MeV (n,n') Level
Legendre Coefficients

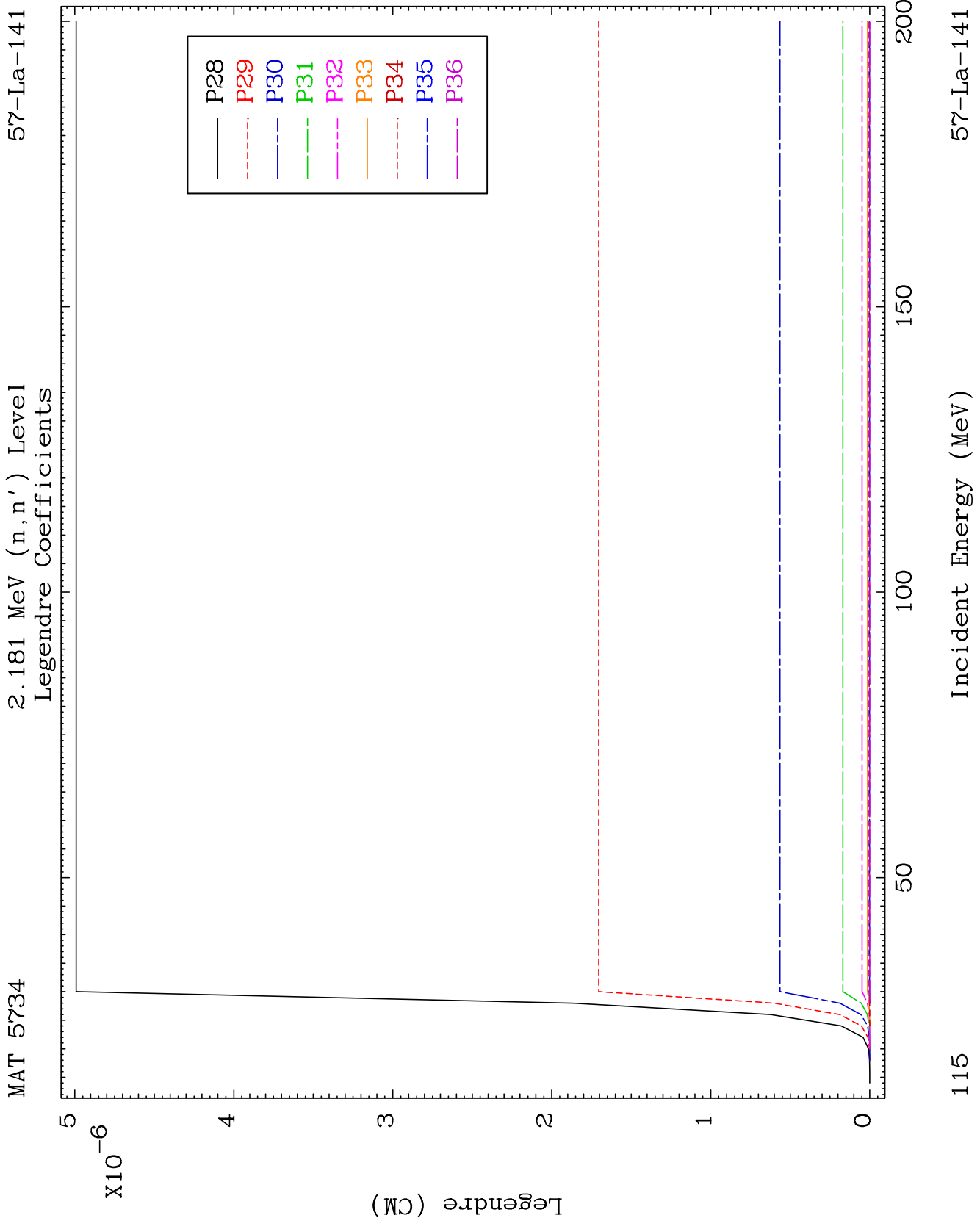
57-La-141



114

Incident Energy (MeV)

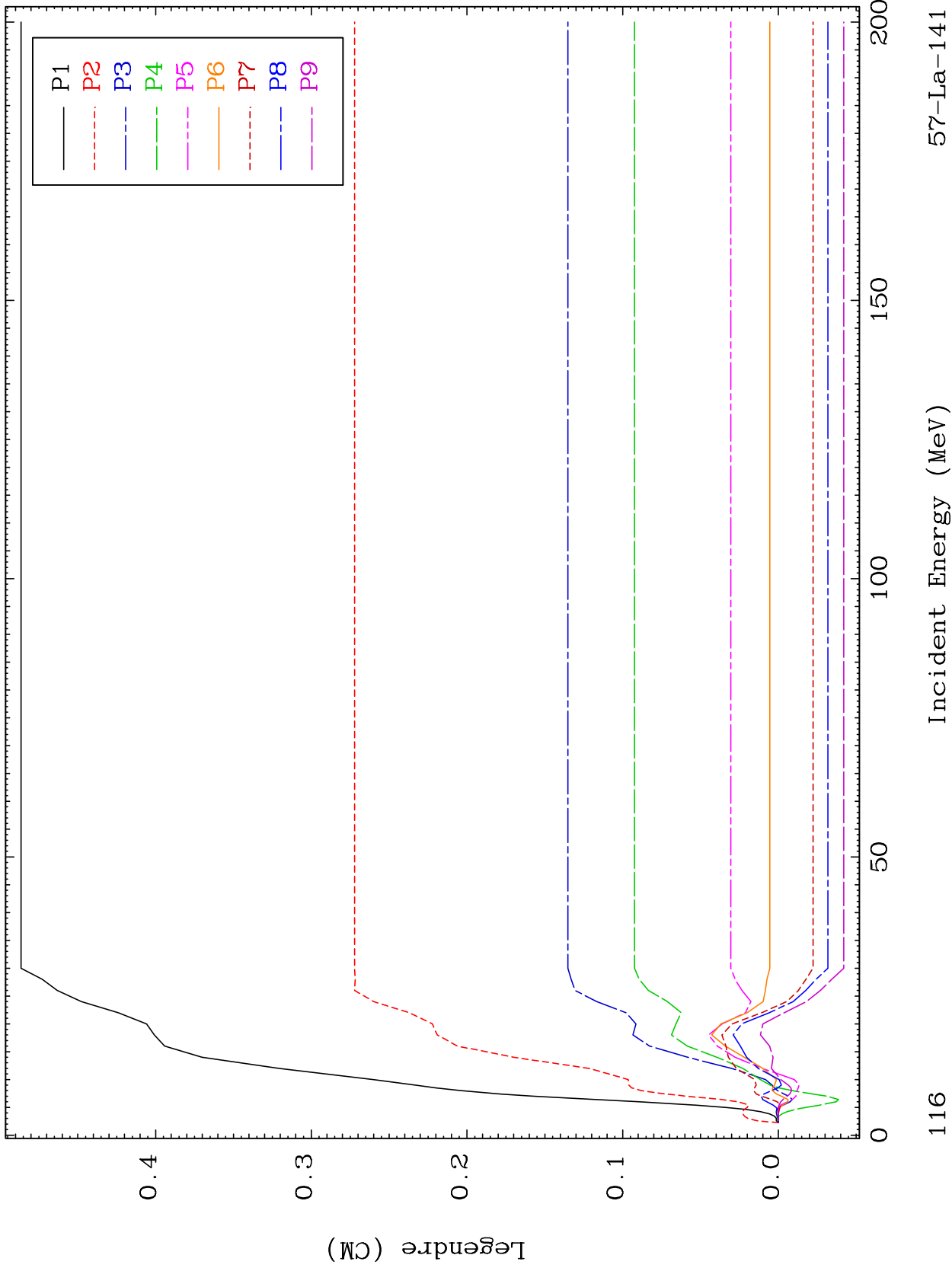
57-La-141



MAT 5734

2.218 MeV (n,n') Level
Legendre Coefficients

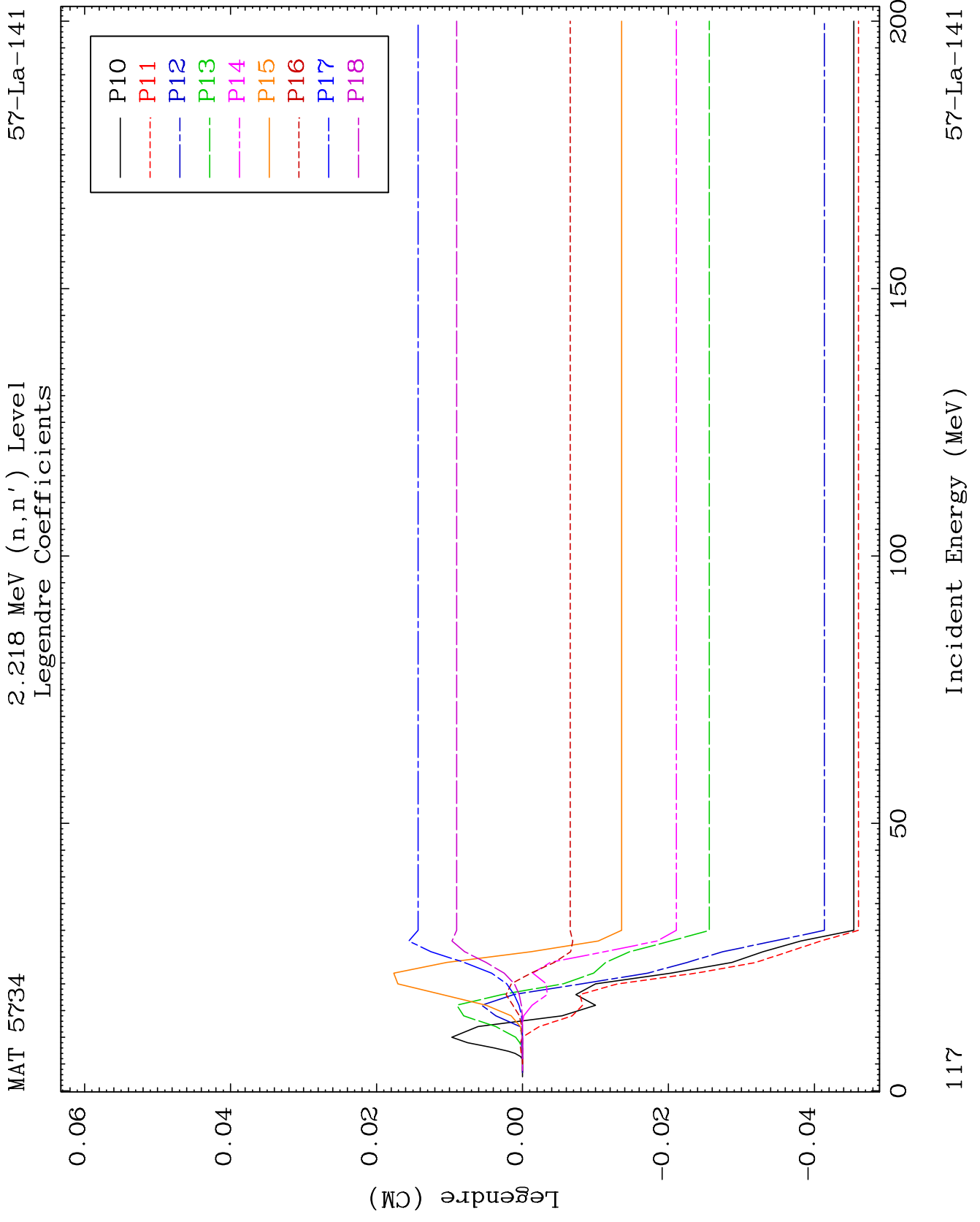
57-La-141



116

Incident Energy (MeV)

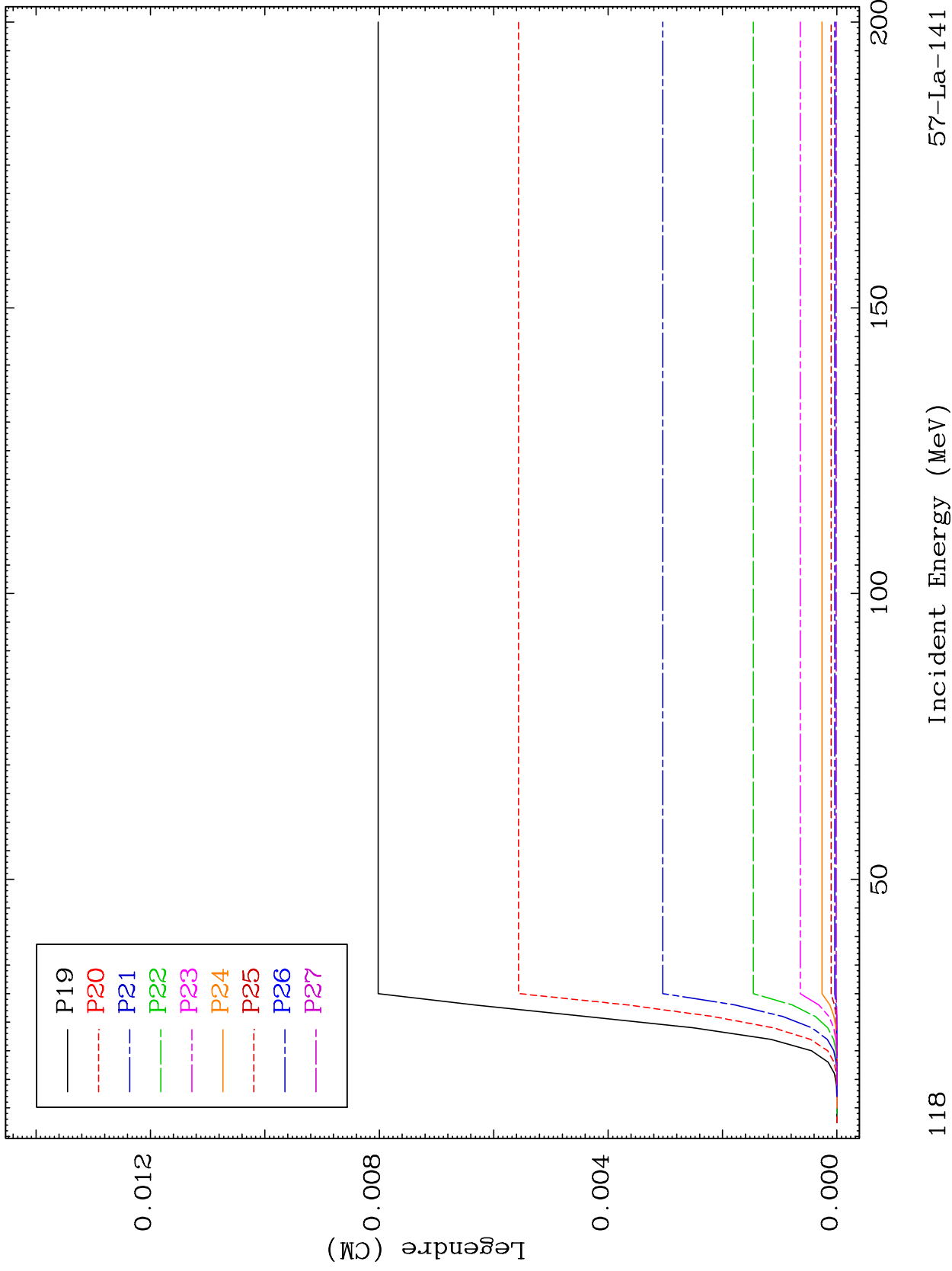
57-La-141



MAT 5734

2.218 MeV (n,n') Level
Legendre Coefficients

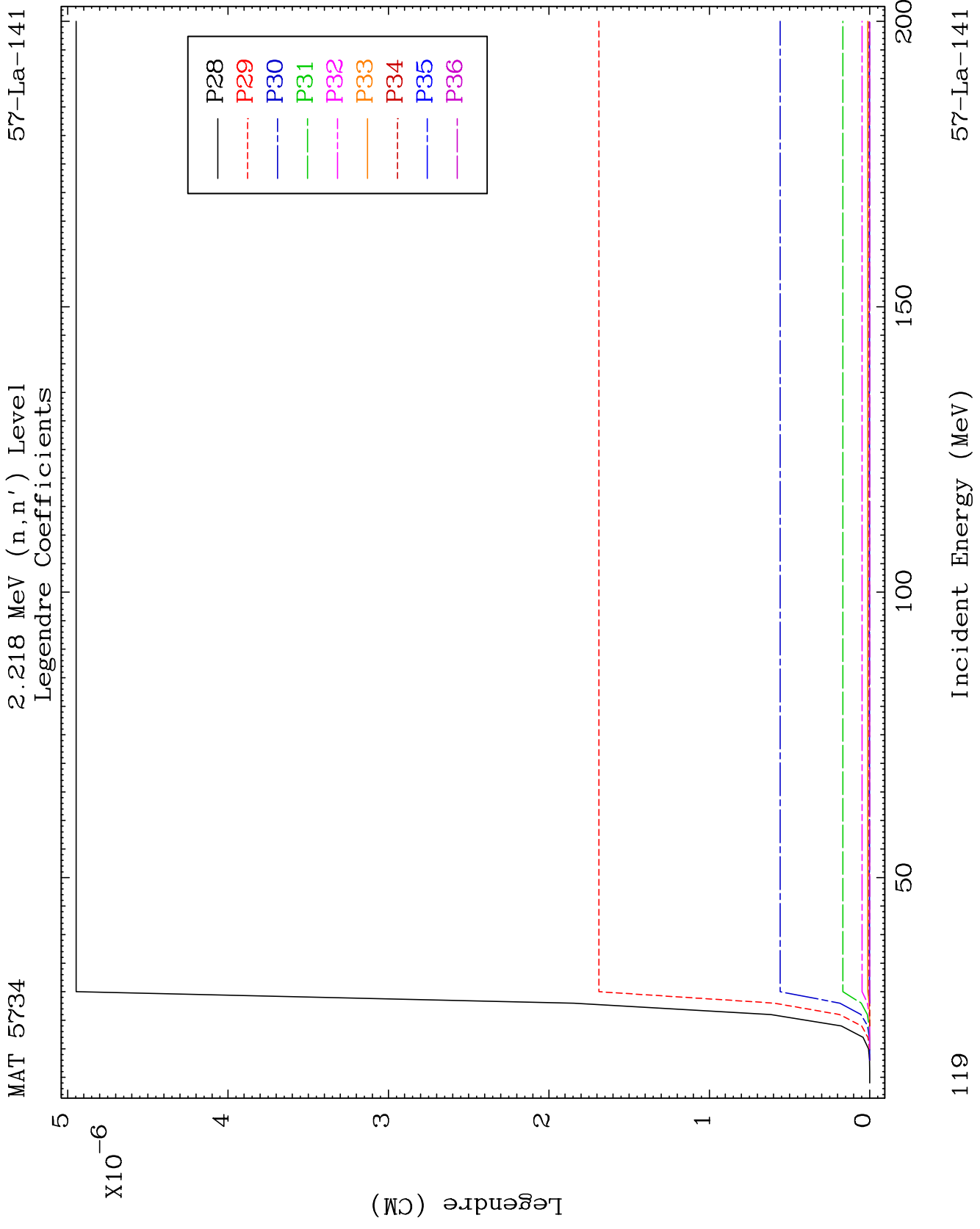
57-La-141

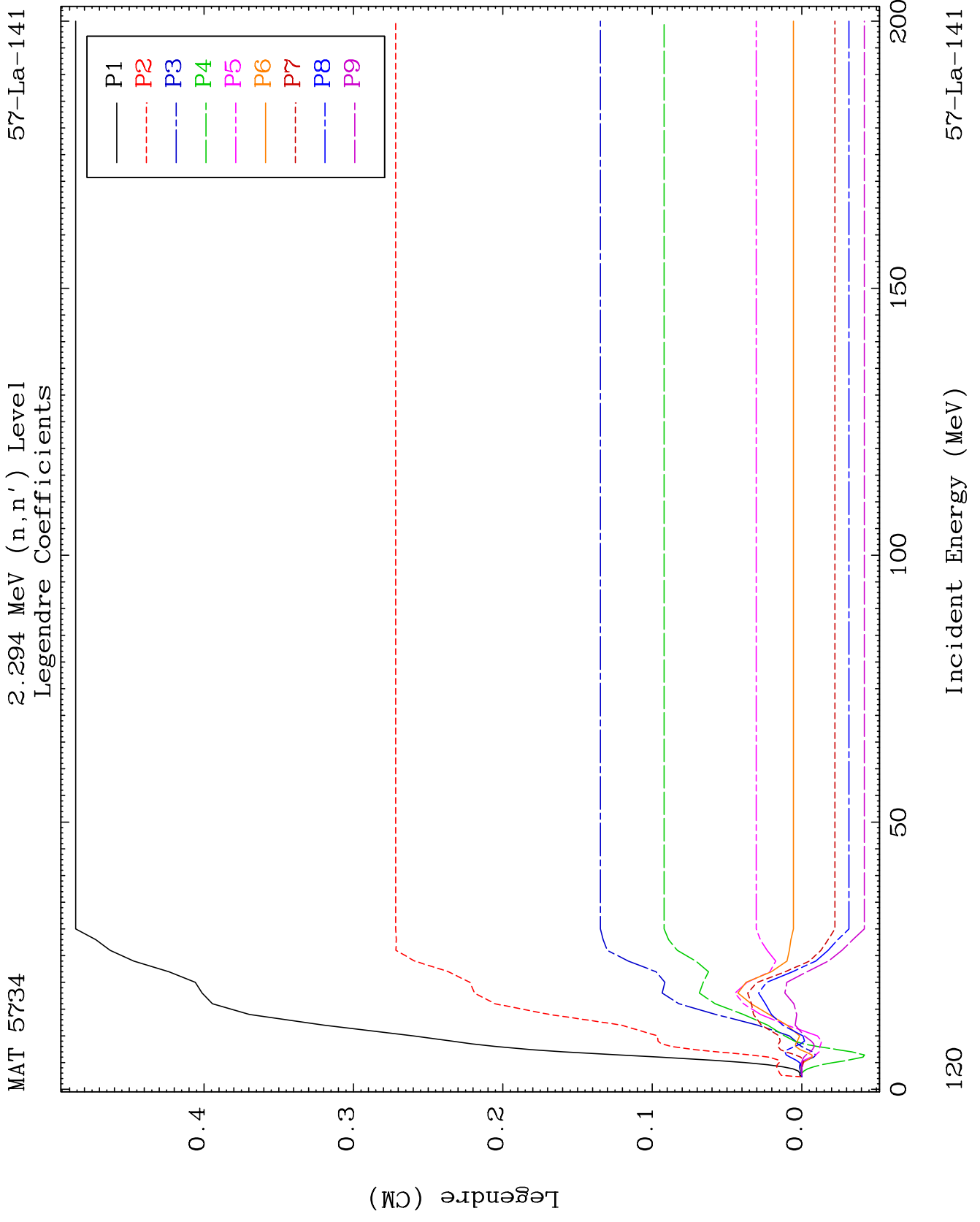


118

Incident Energy (MeV)

57-La-141

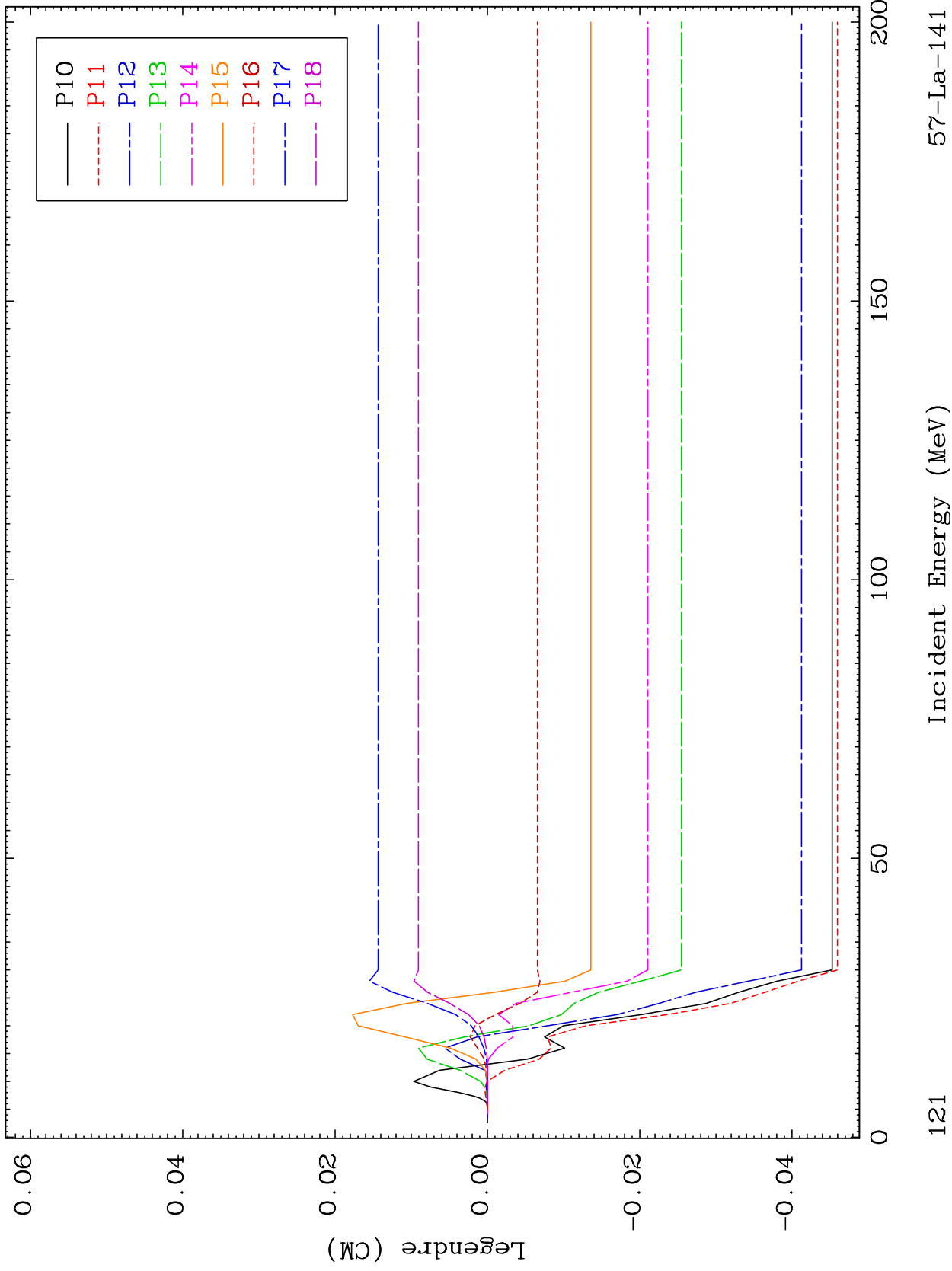




MAT 5734

2.294 MeV (n,n') Level
Legendre Coefficients

57-La-141



121

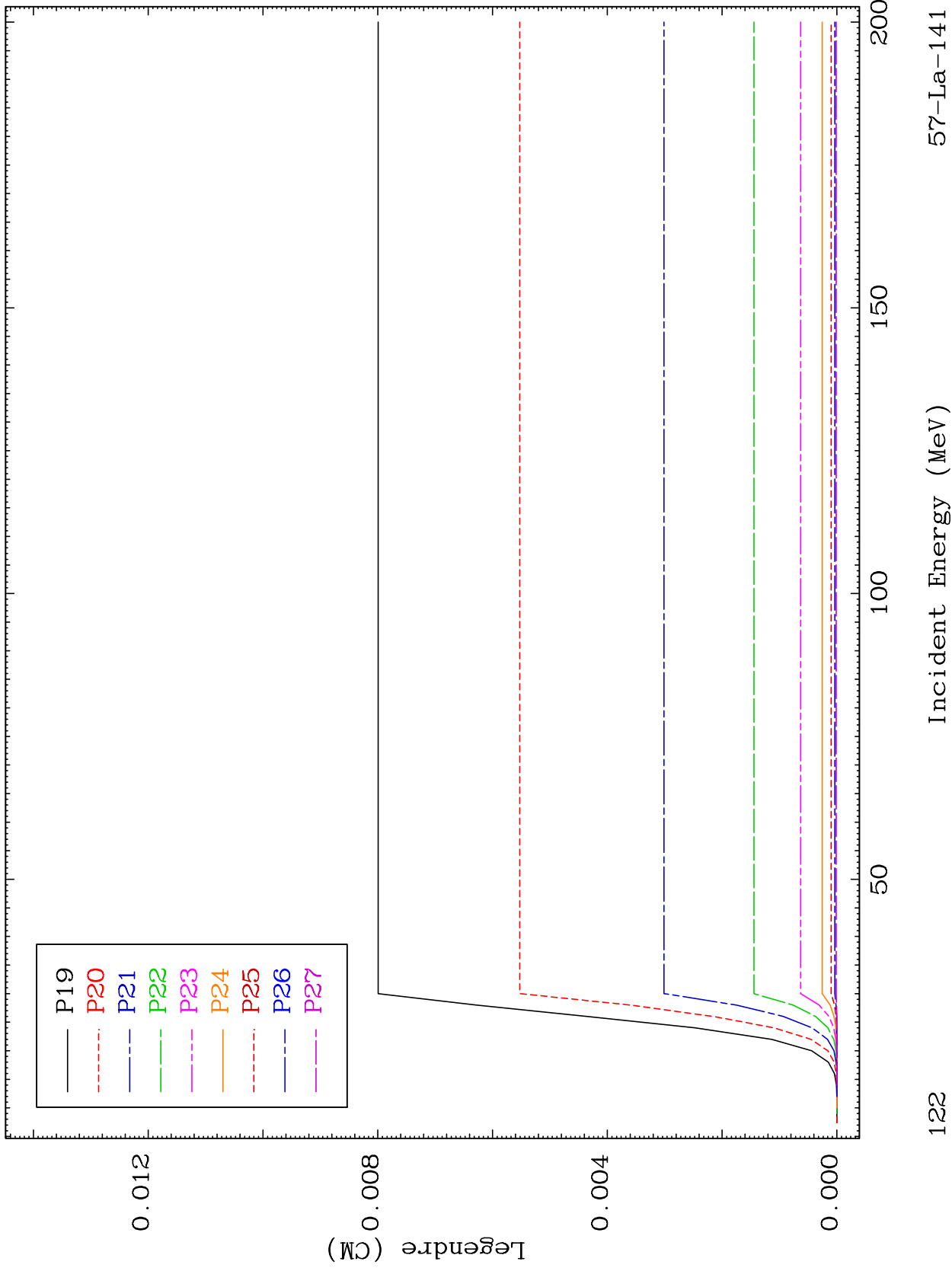
Incident Energy (MeV)

57-La-141

MAT 5734

2.294 MeV (n,n') Level
Legendre Coefficients

57-La-141



122

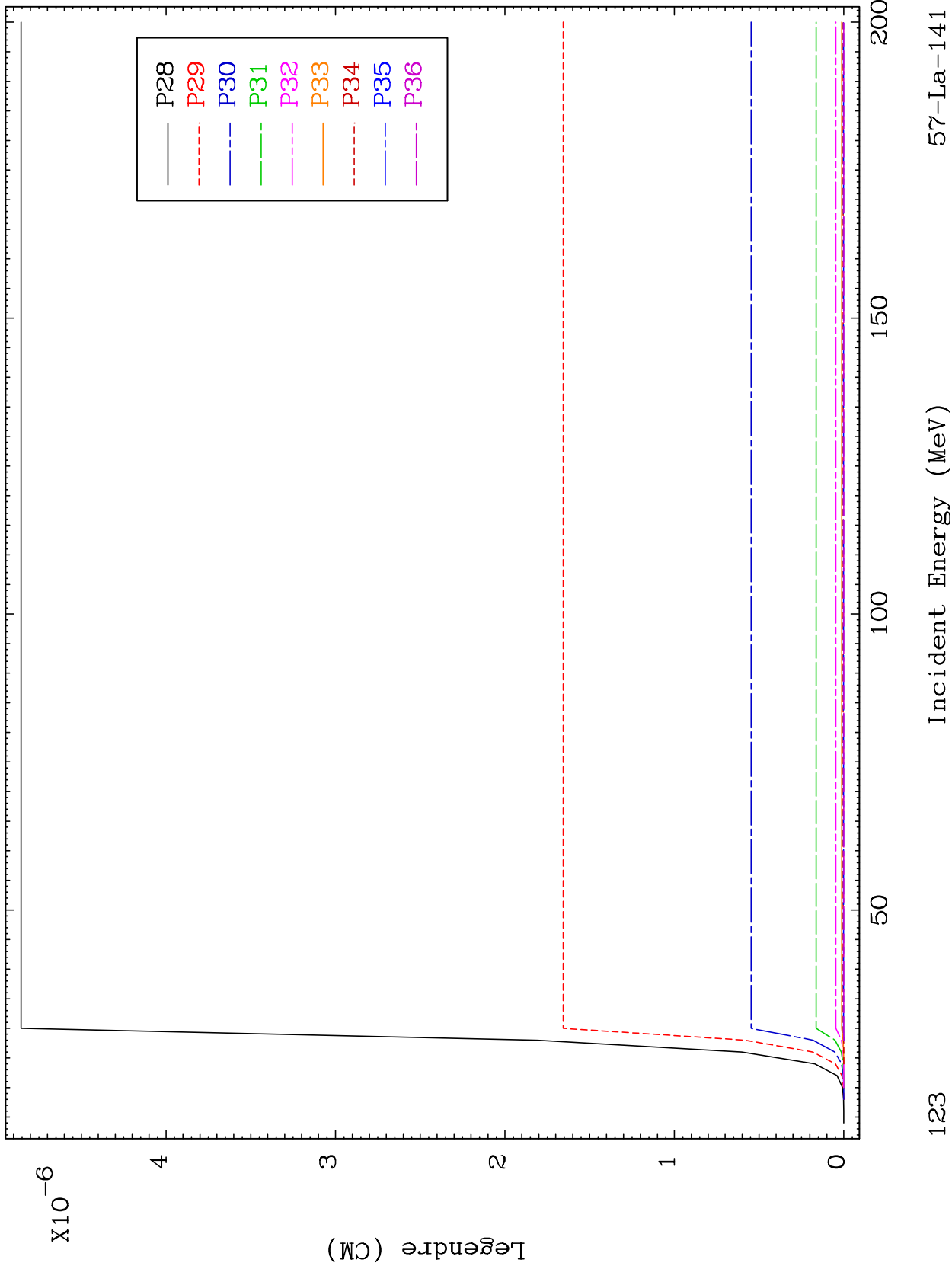
Incident Energy (MeV)

57-La-141

MAT 5734

2.294 MeV (n, n') Level
Legendre Coefficients

57-La-141



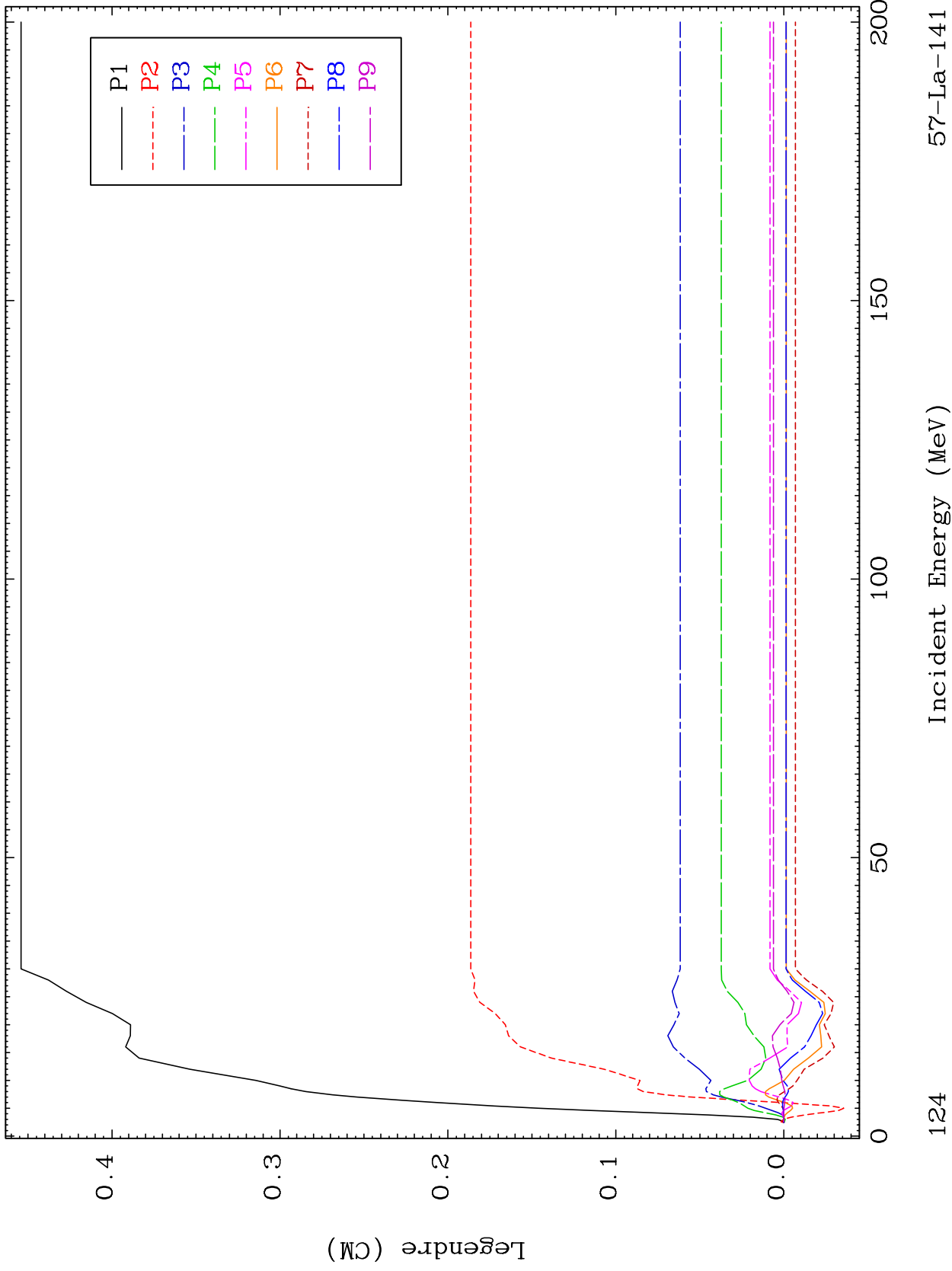
123

57-La-141

MAT 5734

2.376 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

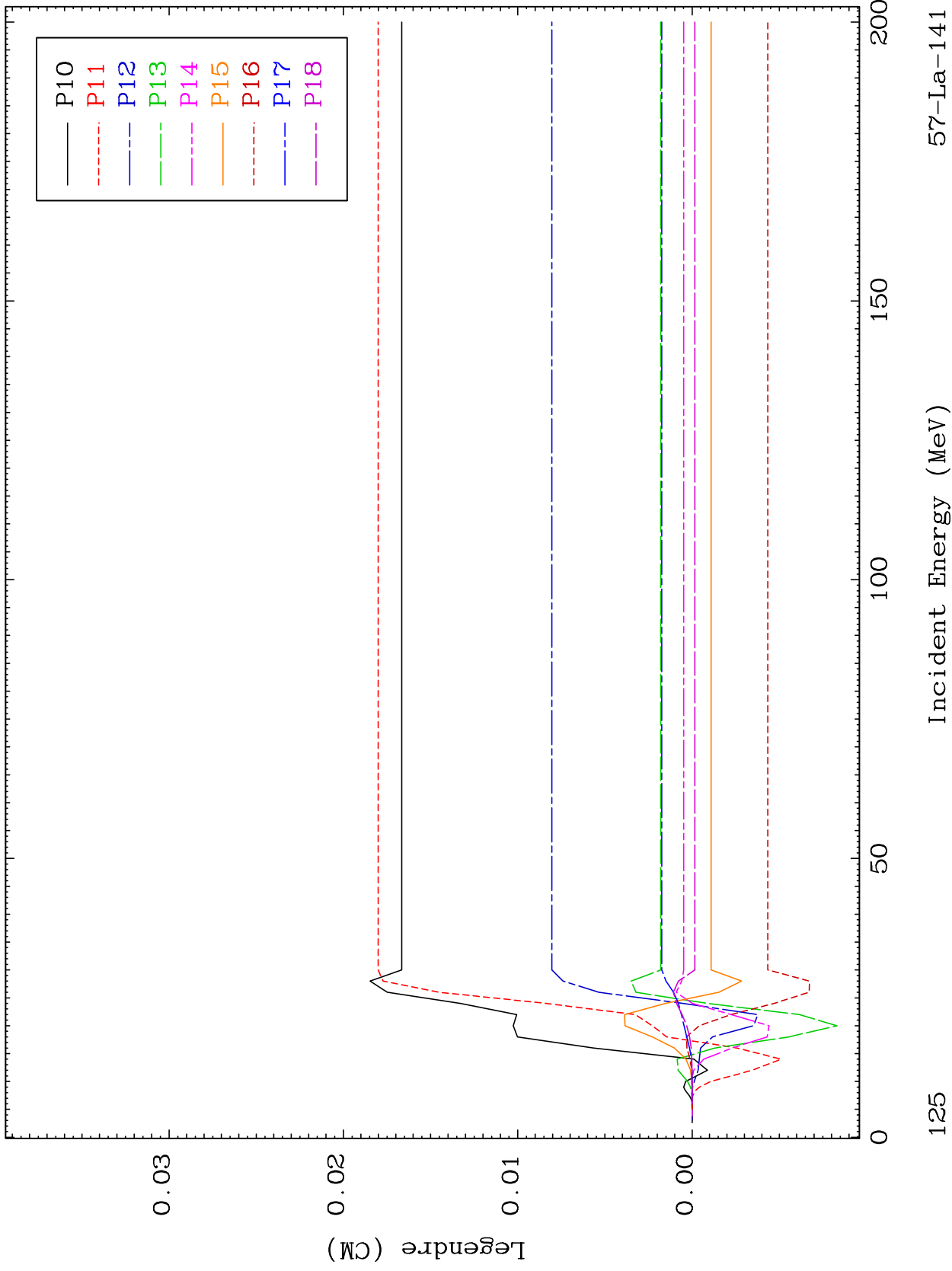
Incident Energy (MeV)

124

MAT 5734

2.376 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

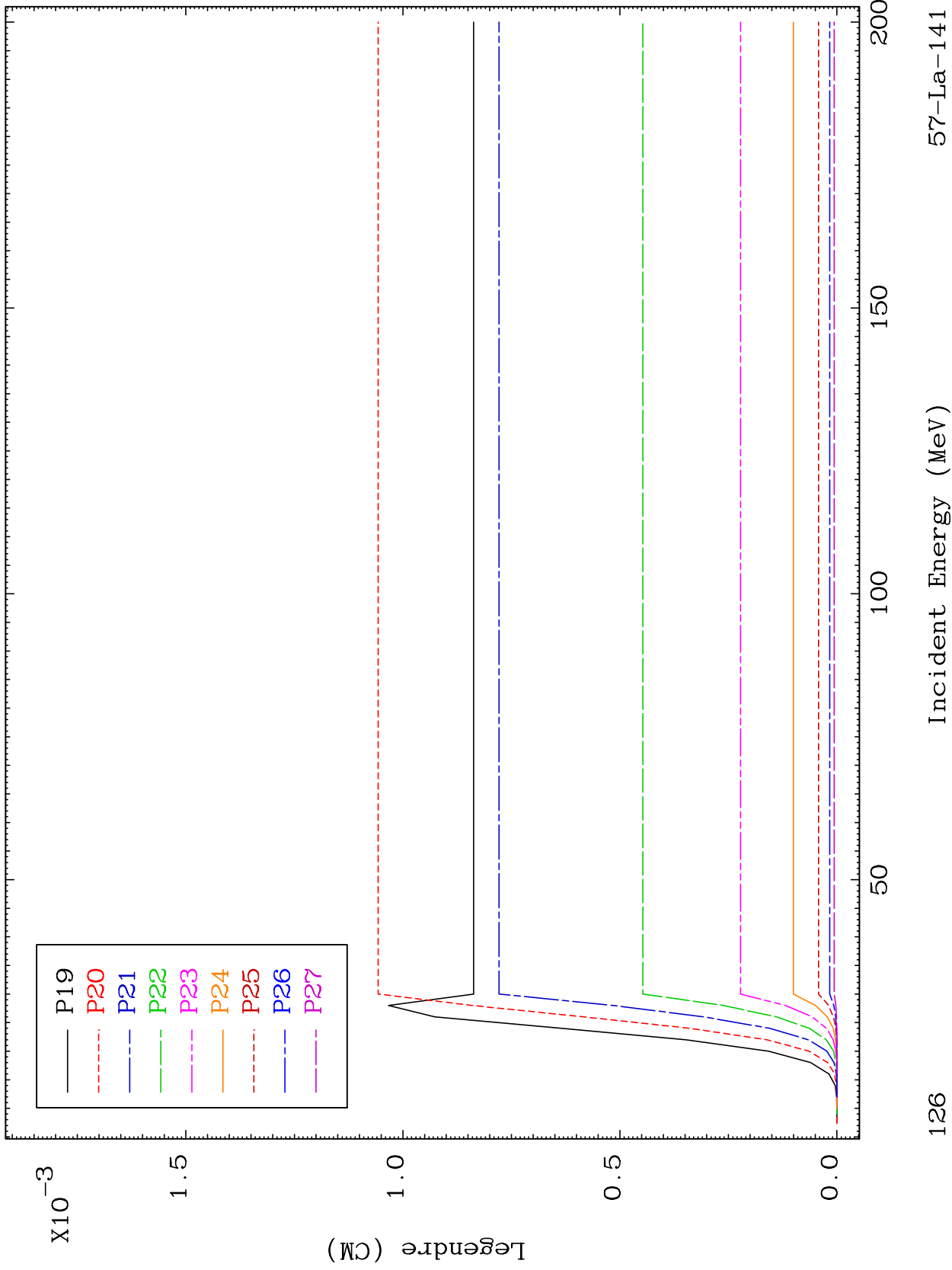
Incident Energy (MeV)

125

MAT 5734

2.376 MeV (n,n') Level
Legendre Coefficients

57-La-141



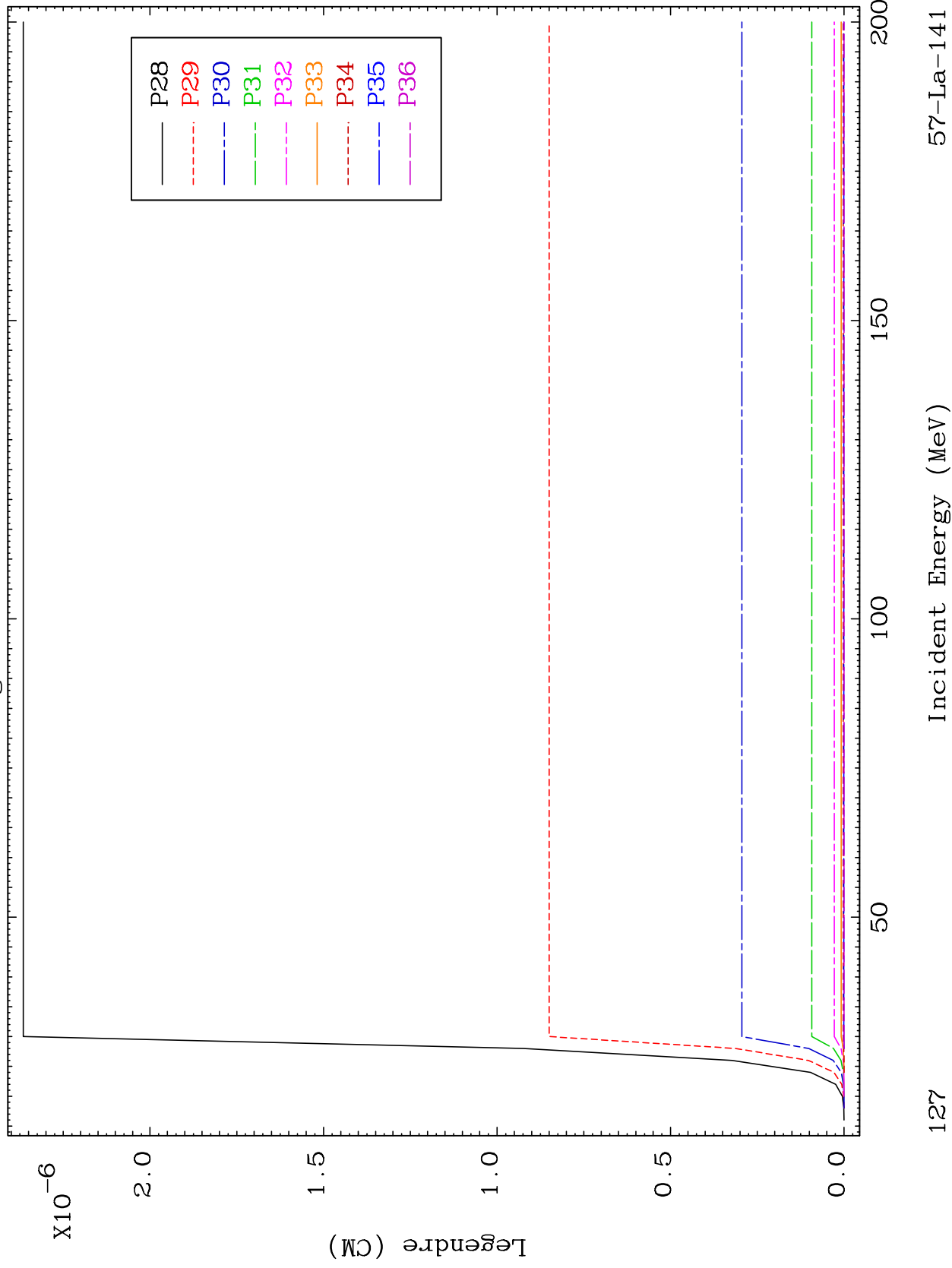
126

57-La-141

MAT 5734

2.376 MeV (n, n') Level
Legendre Coefficients

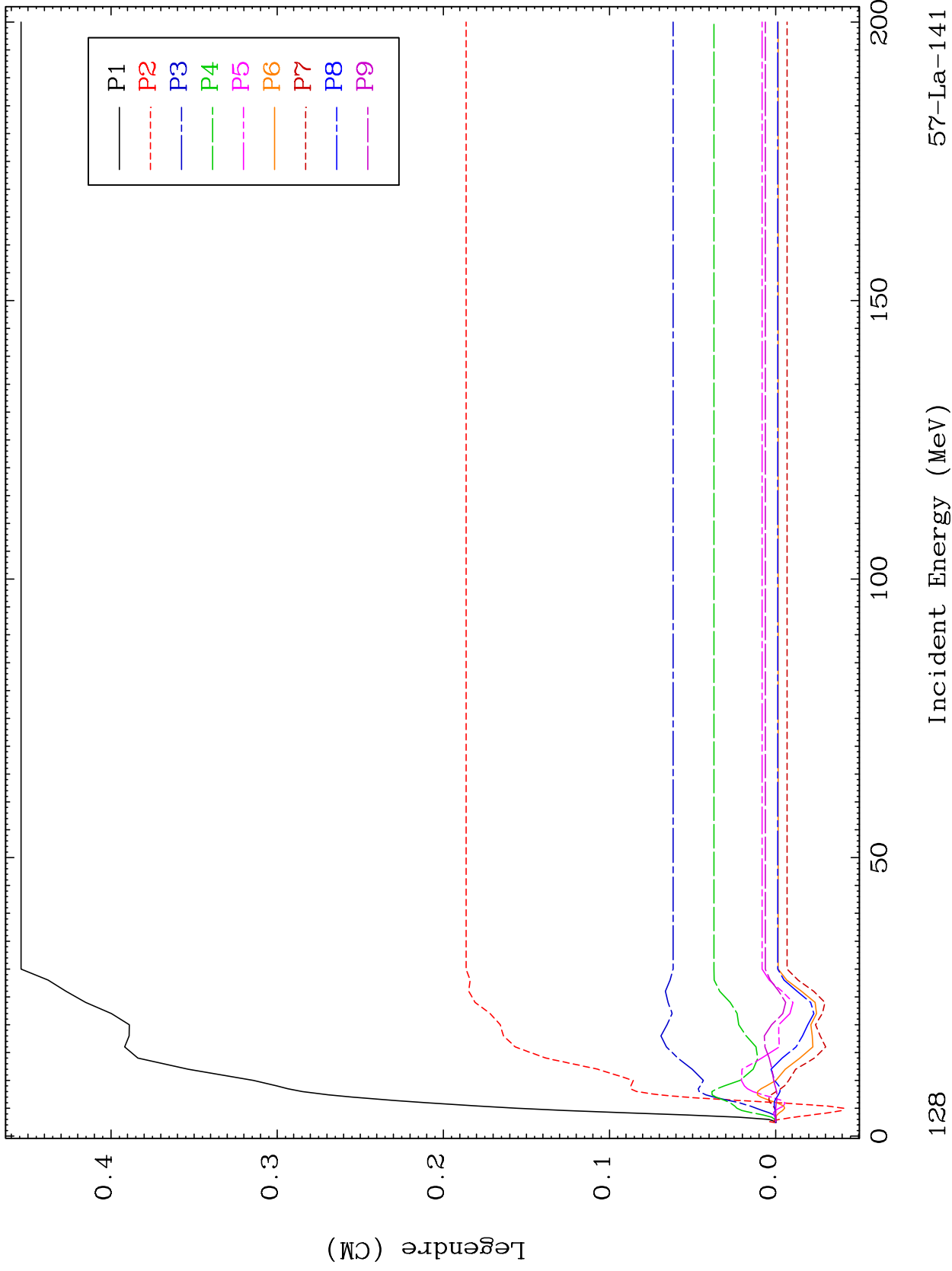
57-La-141



MAT 5734

2.385 MeV (n,n') Level
Legendre Coefficients

57-La-141



57-La-141

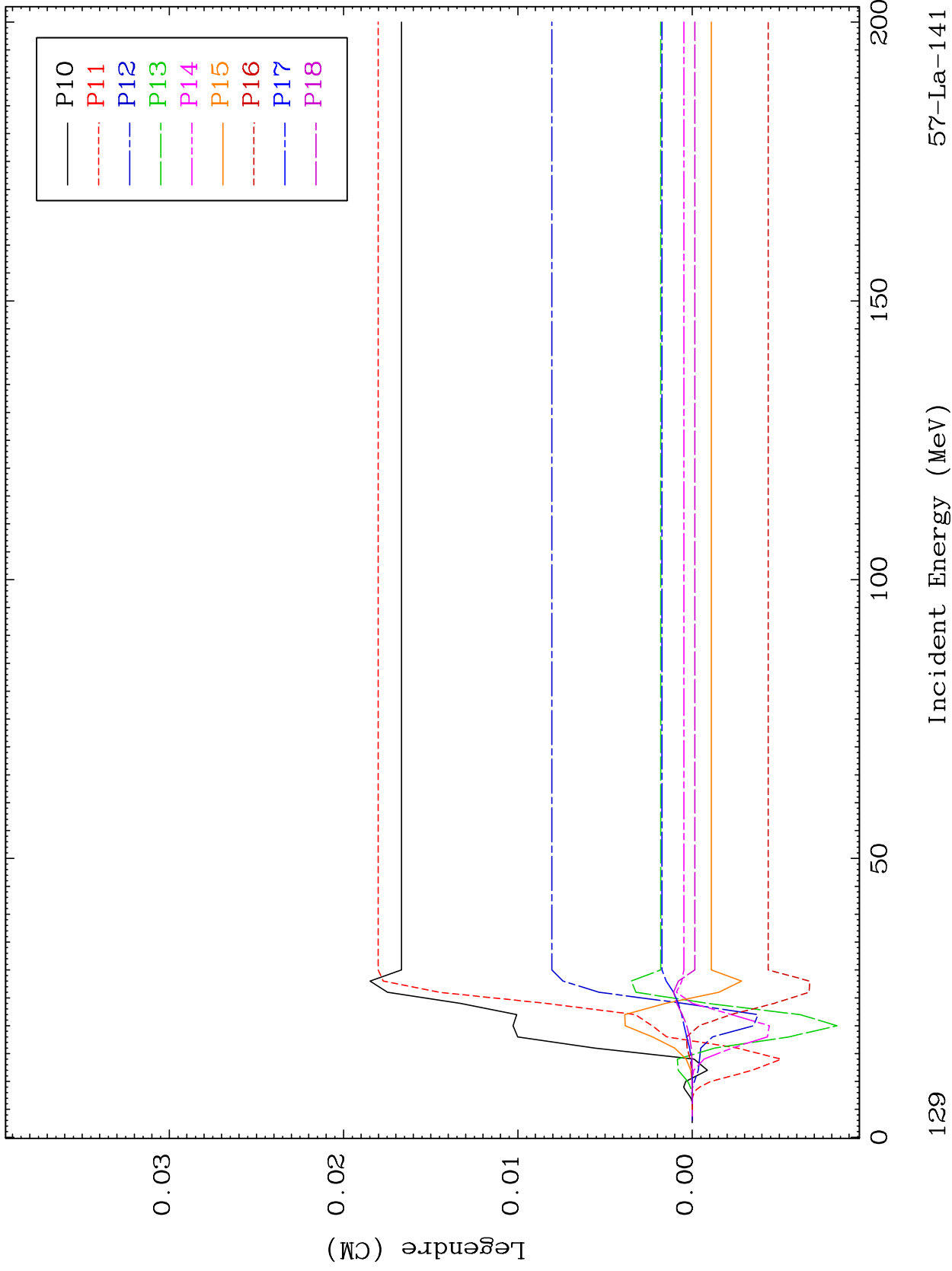
Incident Energy (MeV)

128

MAT 5734

2.385 MeV (n,n') Level
Legendre Coefficients

57-La-141



129

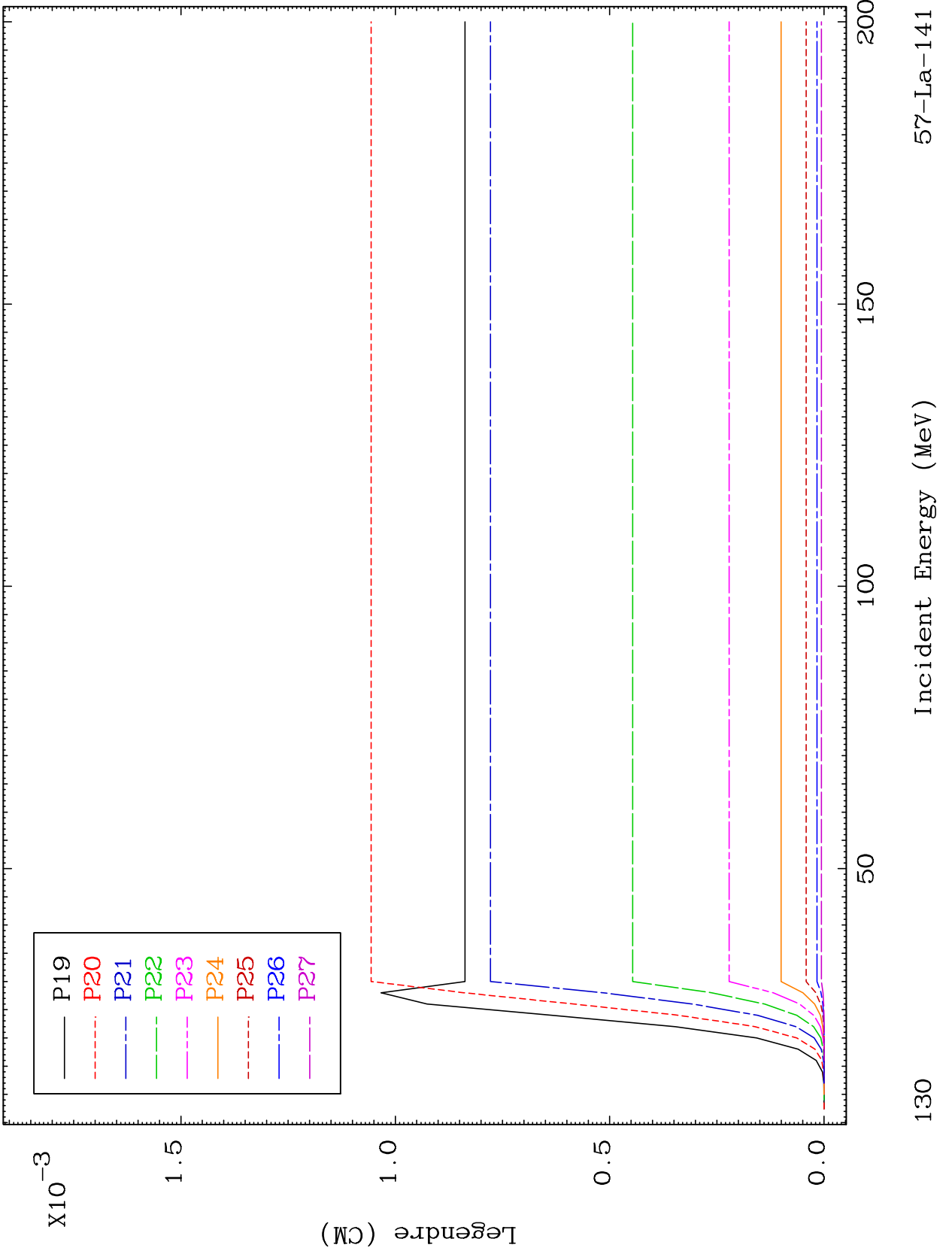
Incident Energy (MeV)

57-La-141

MAT 5734

2.385 MeV (n, n') Level
Legendre Coefficients

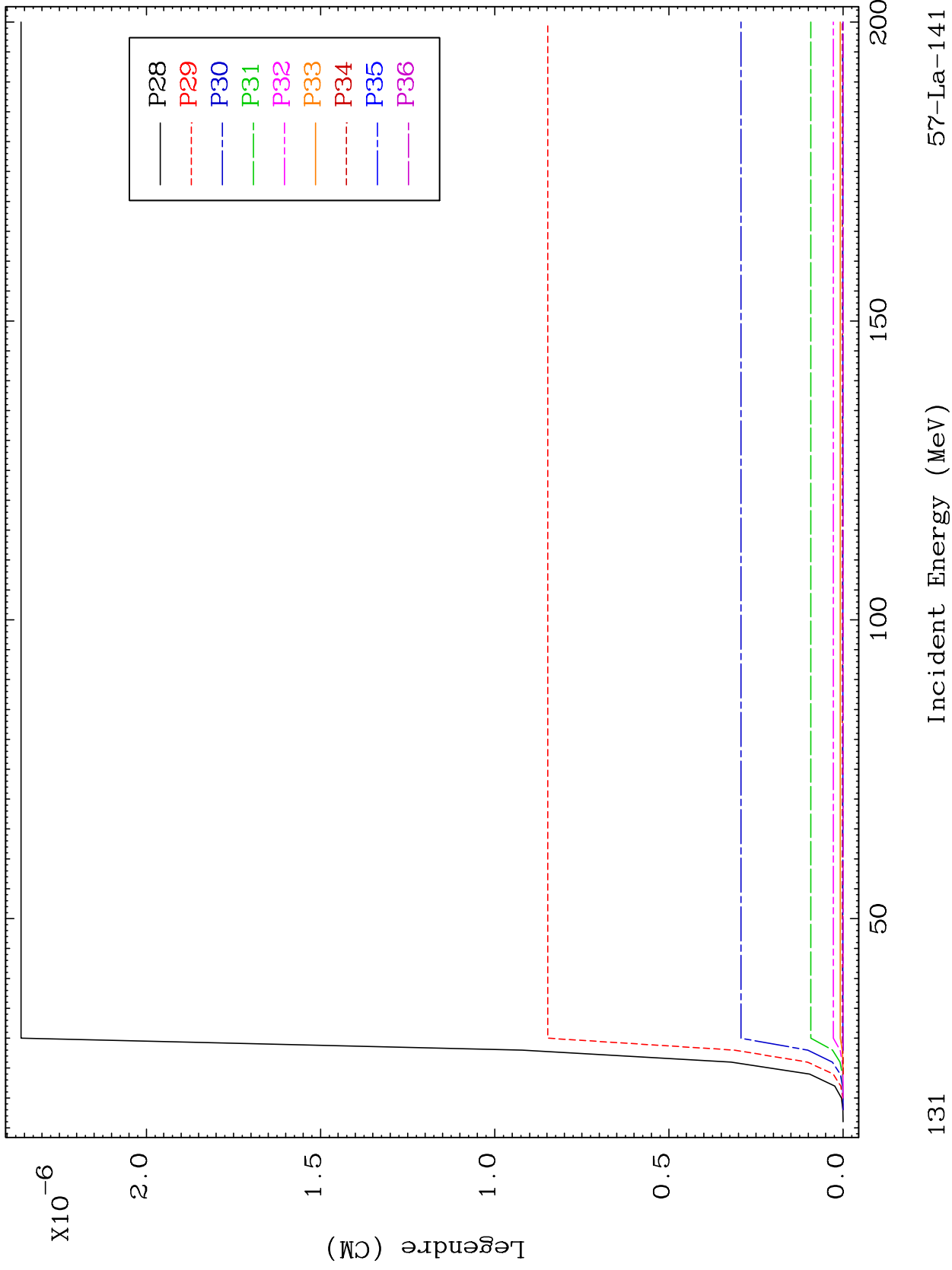
57-La-141

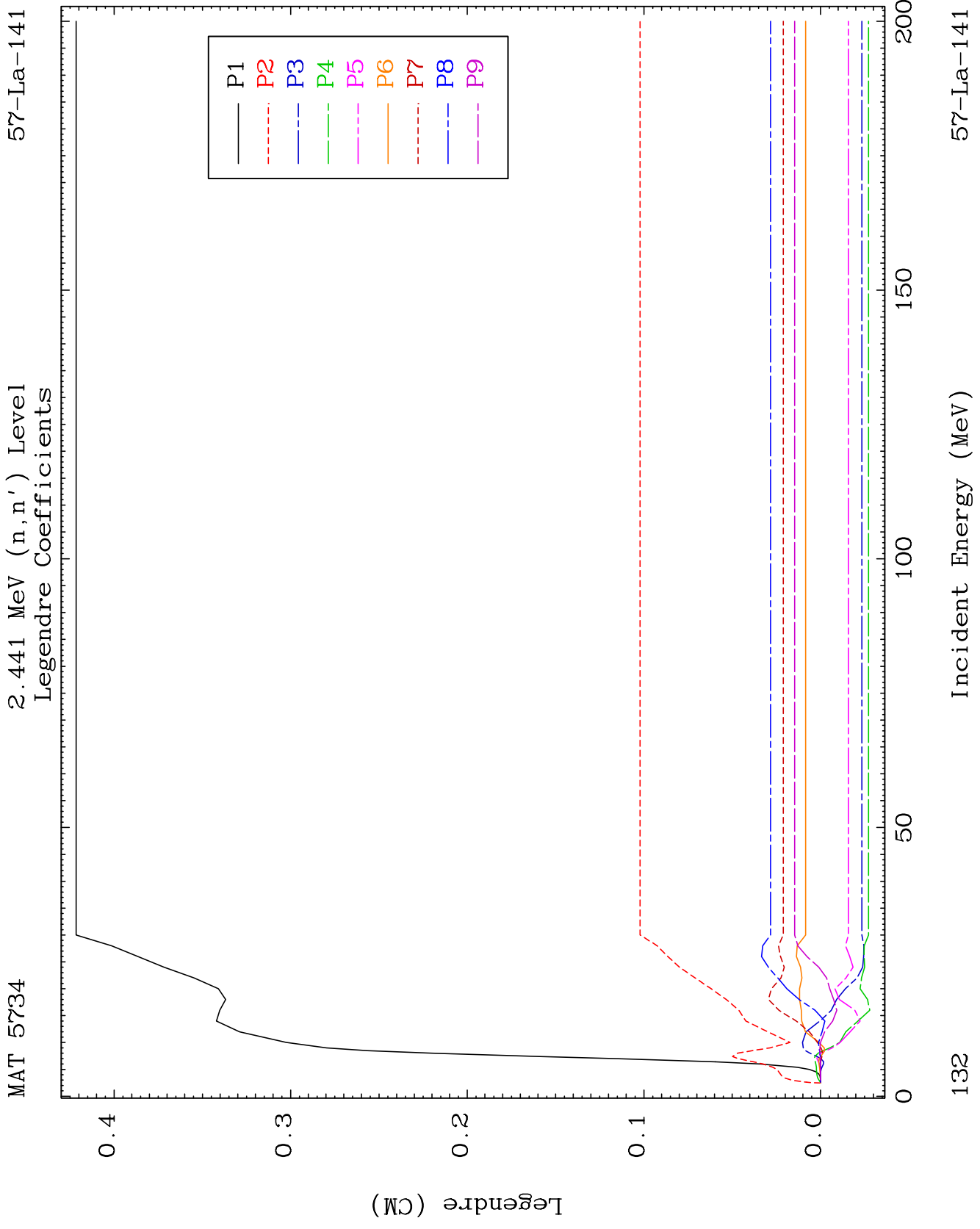


MAT 5734

2.385 MeV (n, n') Level
Legendre Coefficients

57-La-141

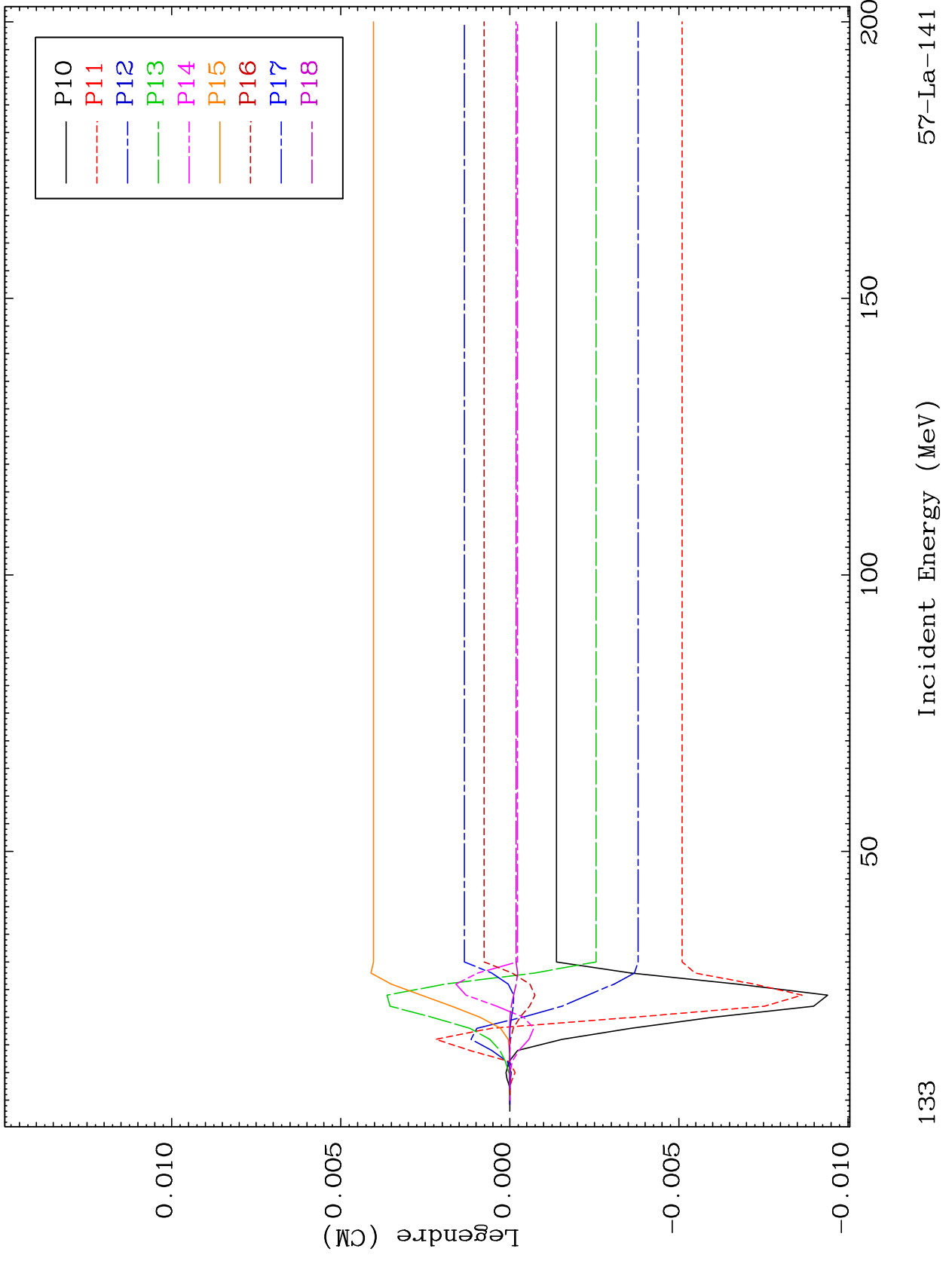




MAT 5734

2.441 MeV (n,n') Level
Legendre Coefficients

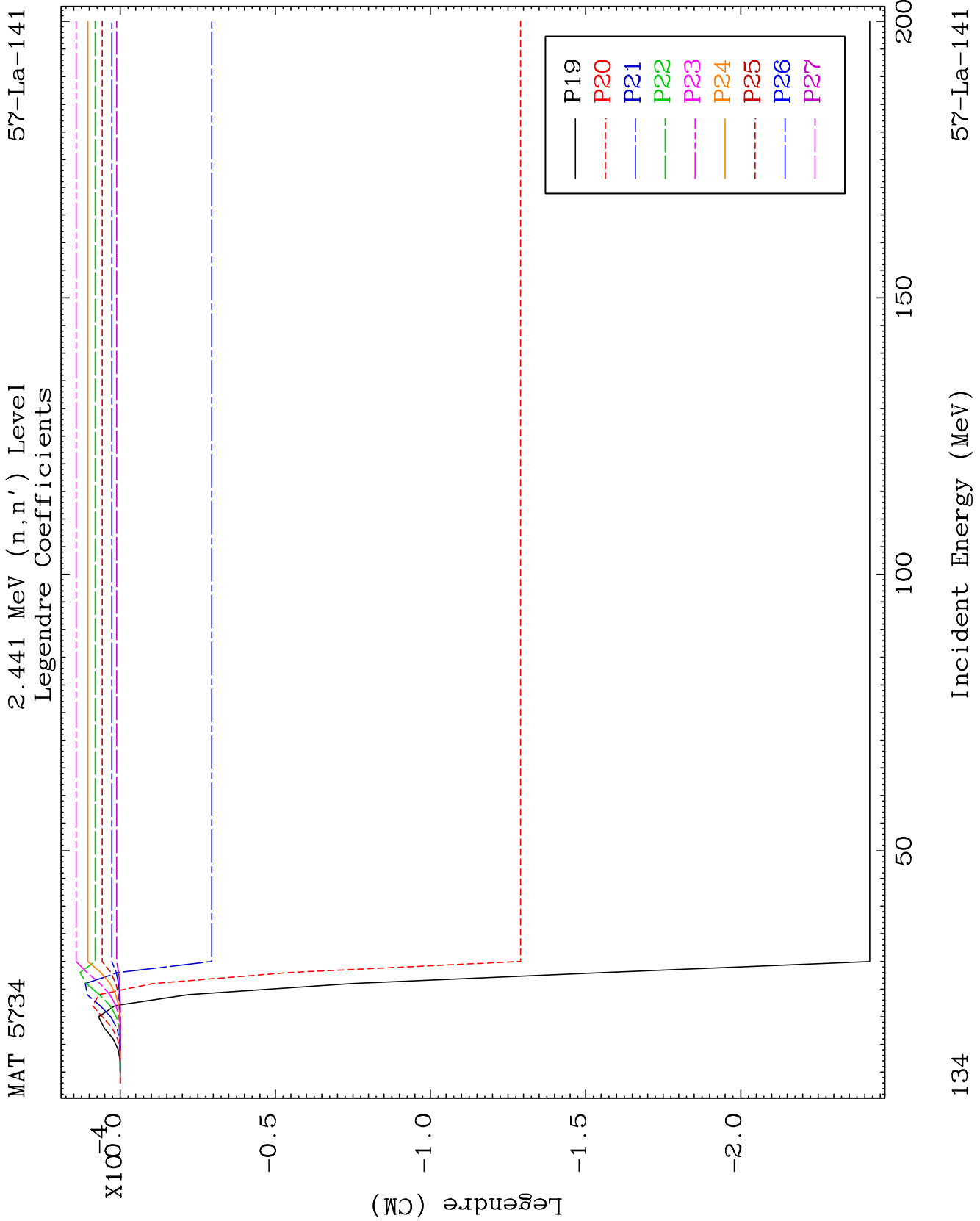
57-La-141



133

Incident Energy (MeV)

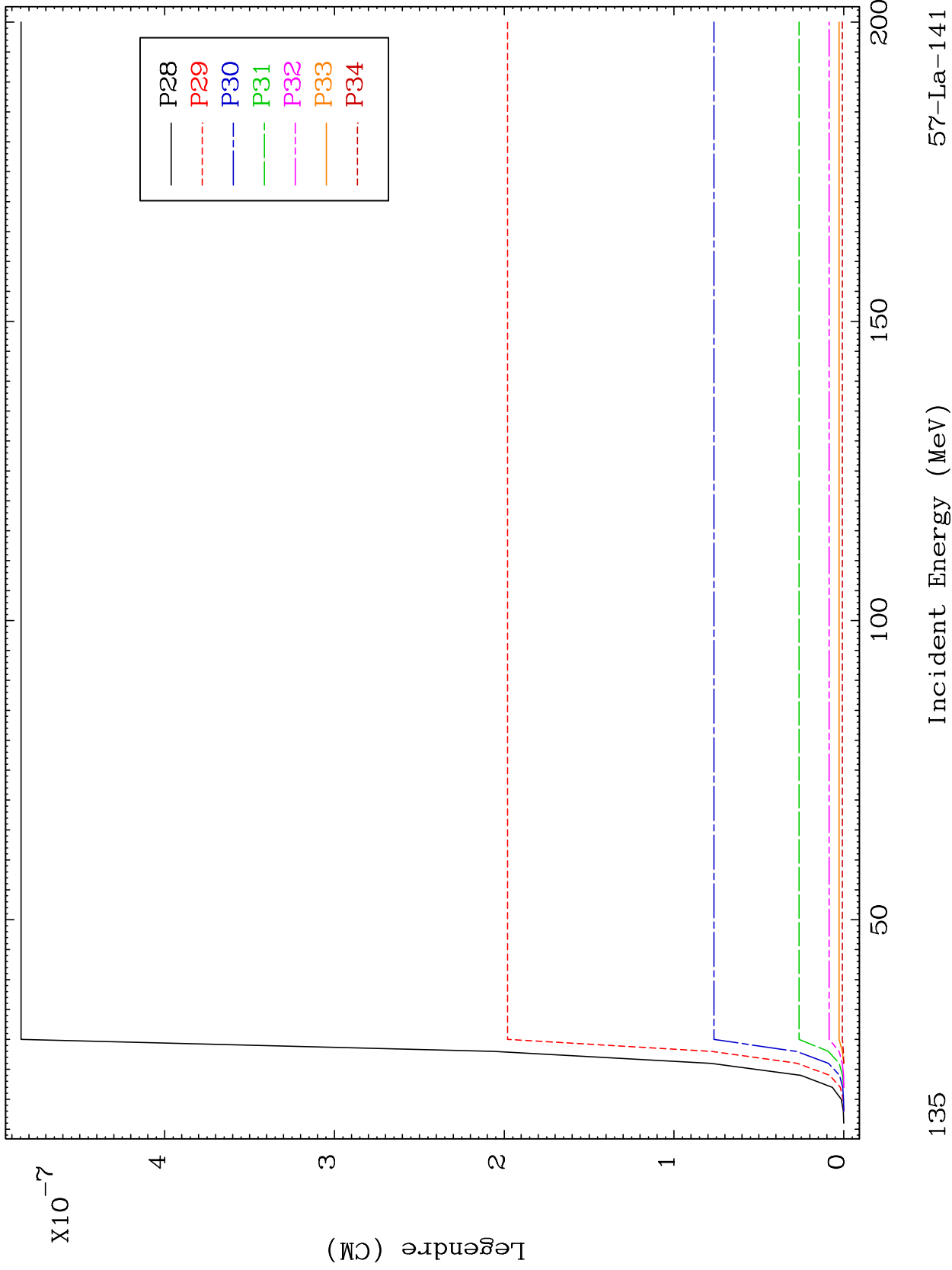
57-La-141



MAT 5734

2.441 MeV (n, n') Level
Legendre Coefficients

57-La-141

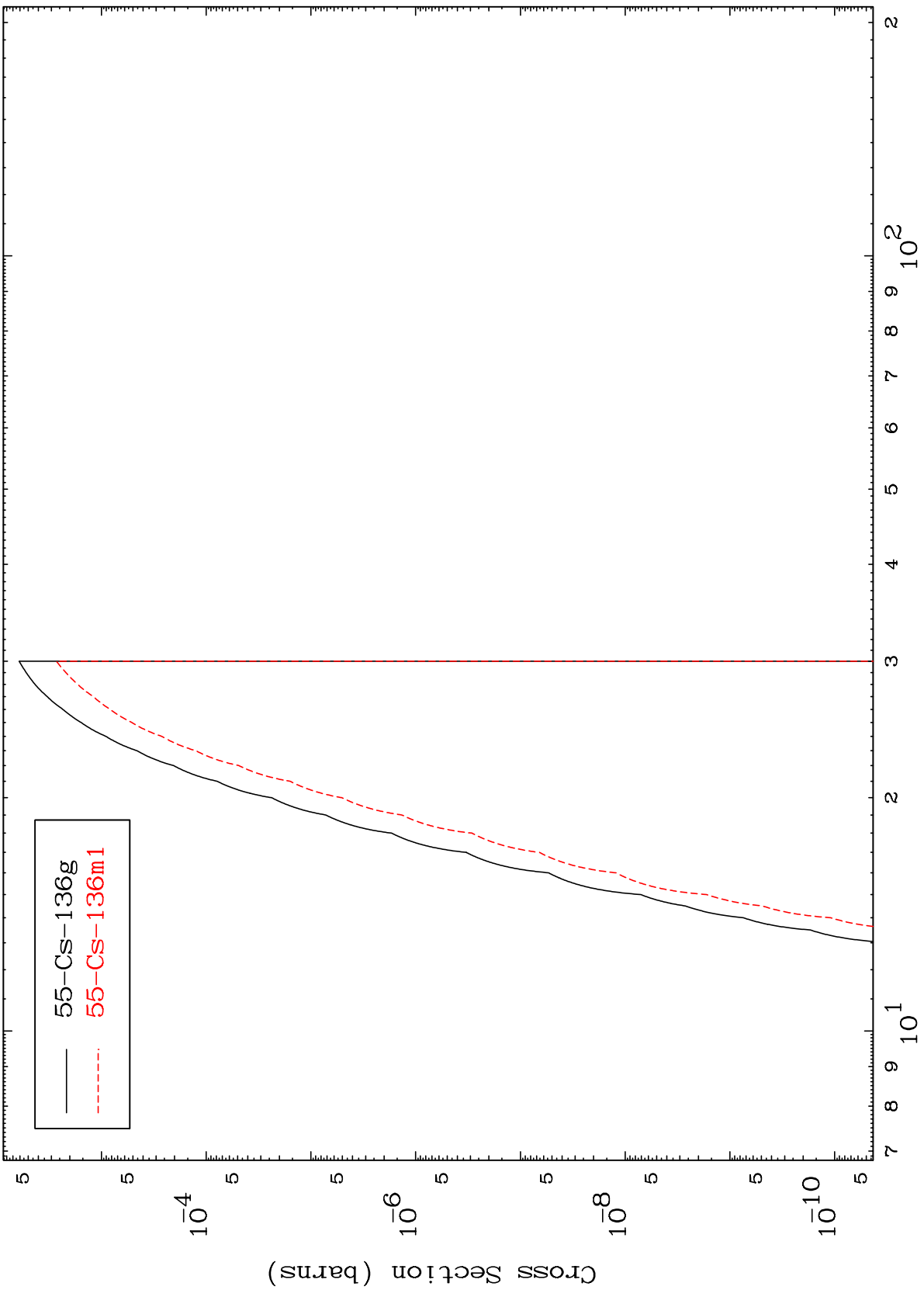


MAT 5734

57-La-141

(n,2n) α

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m1

136

Incident Energy (MeV)

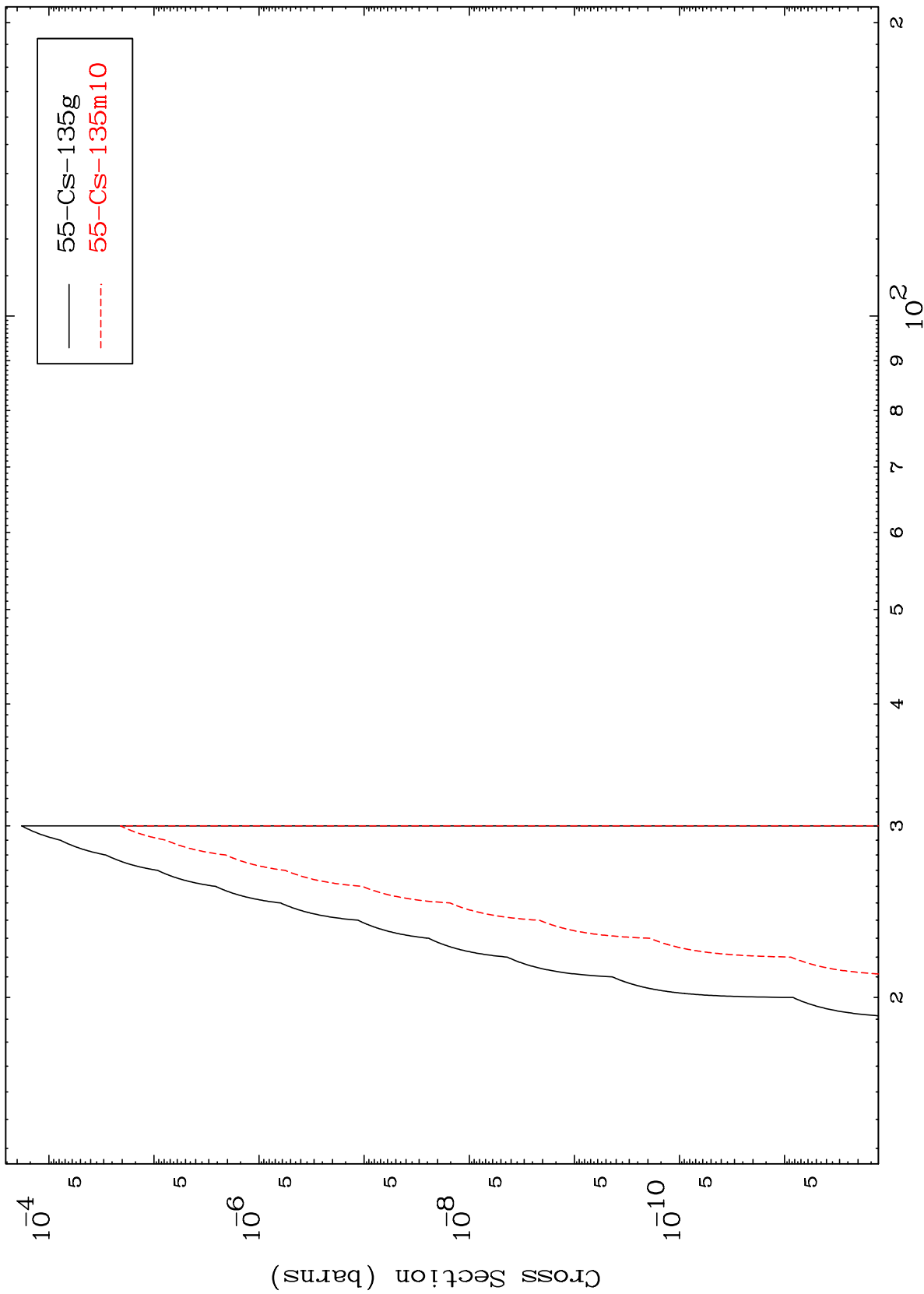
57-La-141

MAT 5734

(n,3n) α

57-La-141

Radionuclide Production Cross Section



137

Incident Energy (MeV)

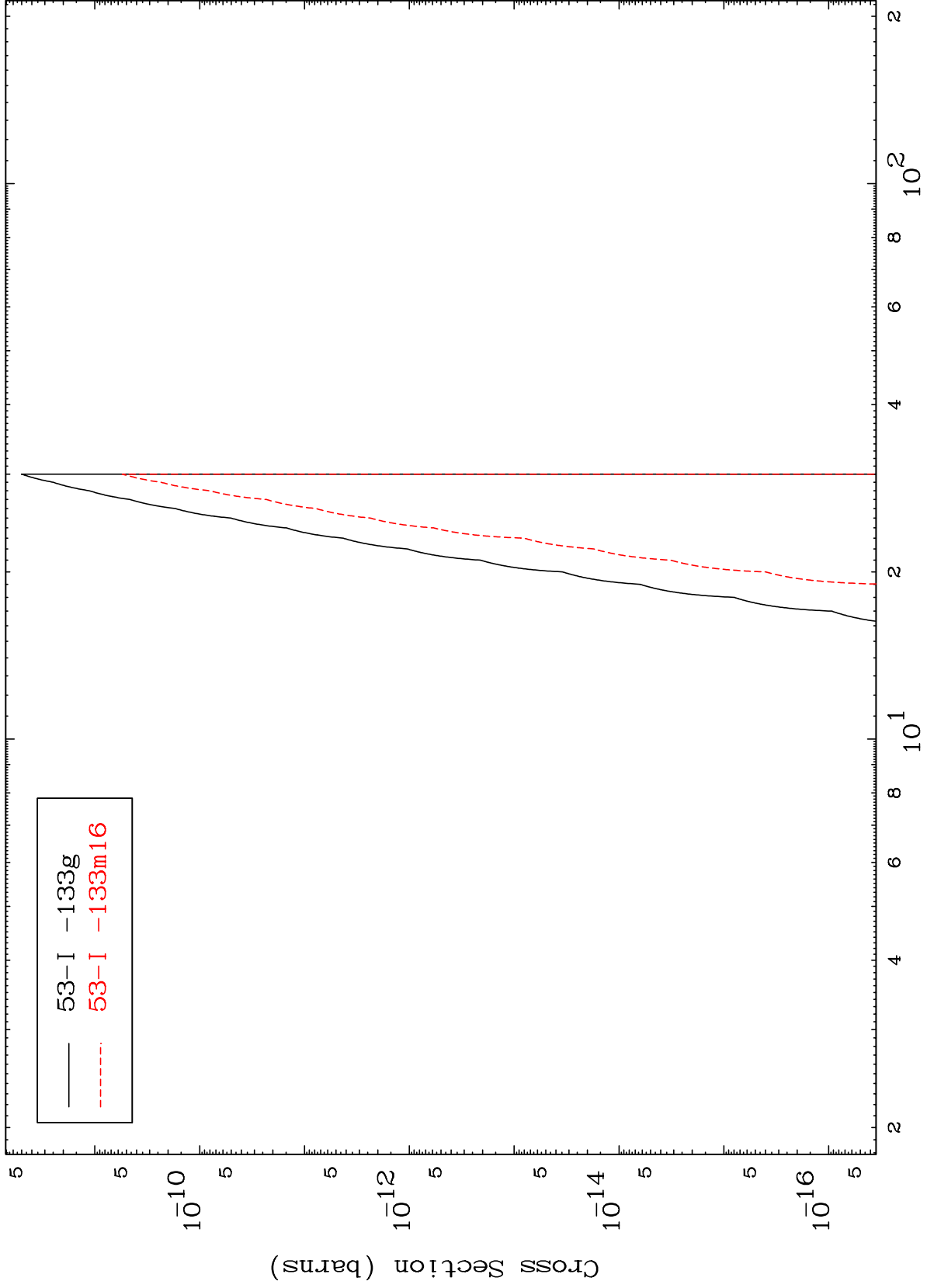
57-La-141

MAT 5734

(n,n') 2 α

57-La-141

Radionuclide Production Cross Section



53-I-133g
53-I-133m16

138

Incident Energy (MeV)

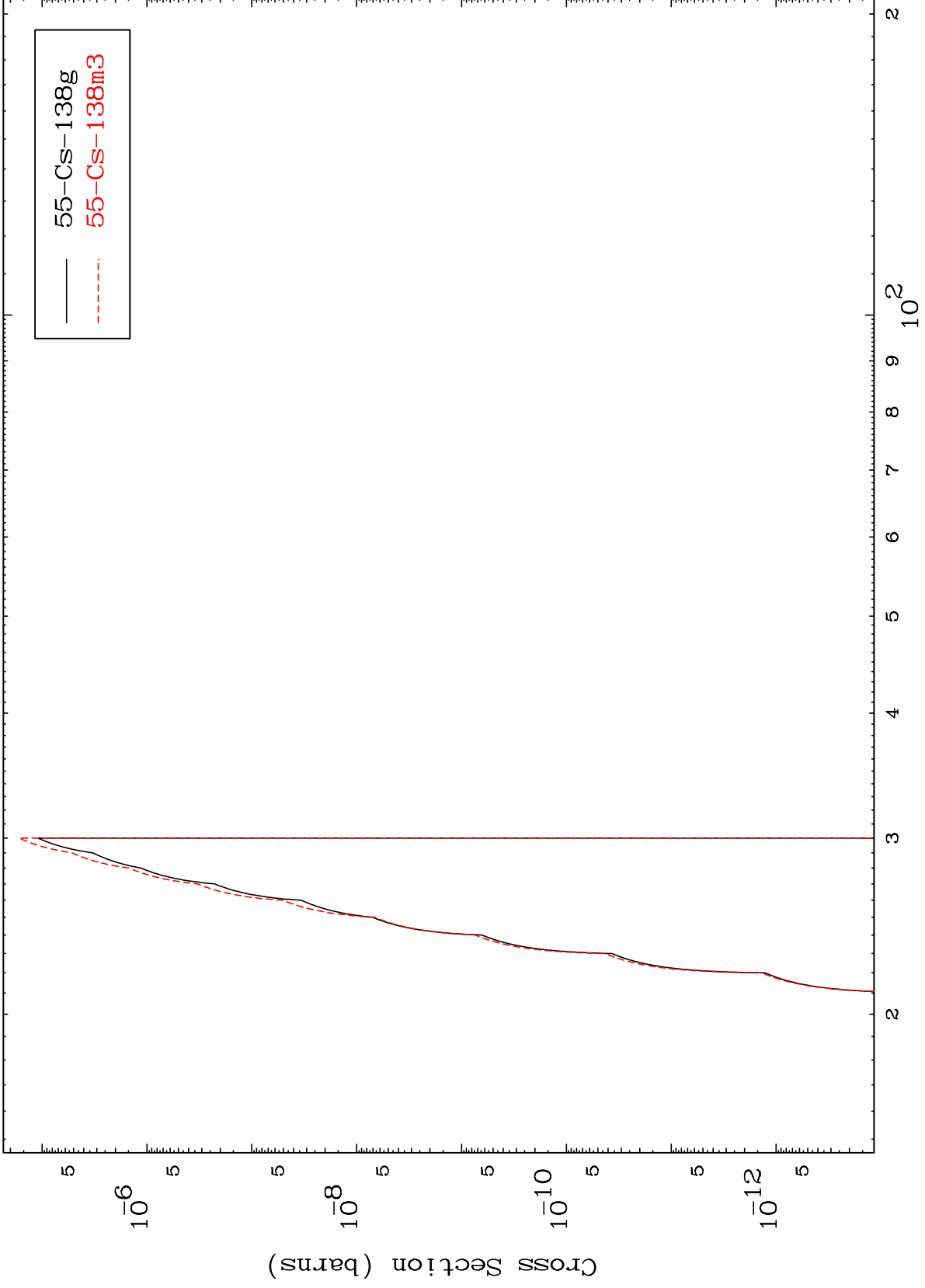
57-La-141

MAT 5734

(n,n') He-3

57-La-141

Radionuclide Production Cross Section



139

Incident Energy (MeV)

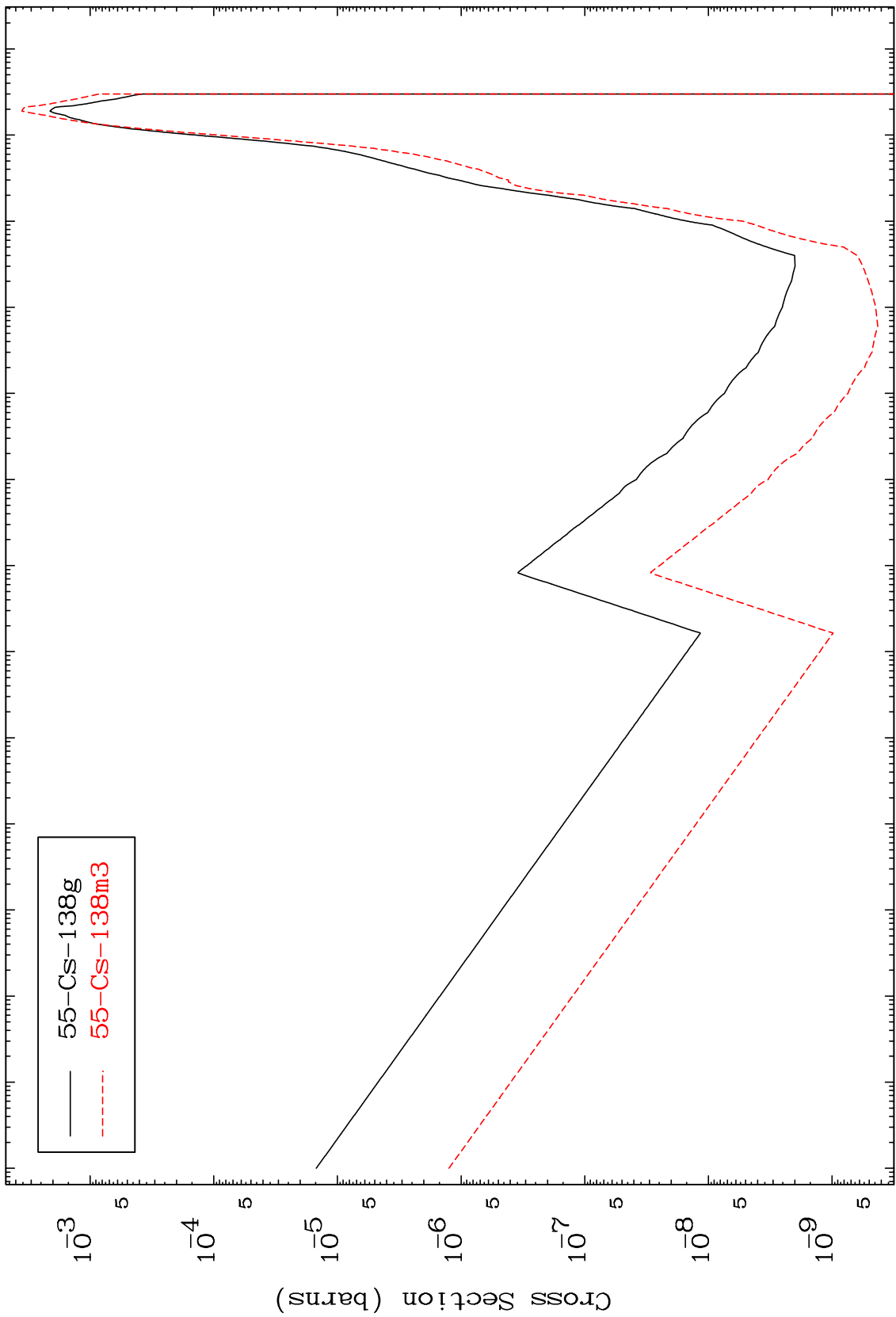
57-La-141

MAT 5734

(n, α)

57-La-141

Radionuclide Production Cross Section

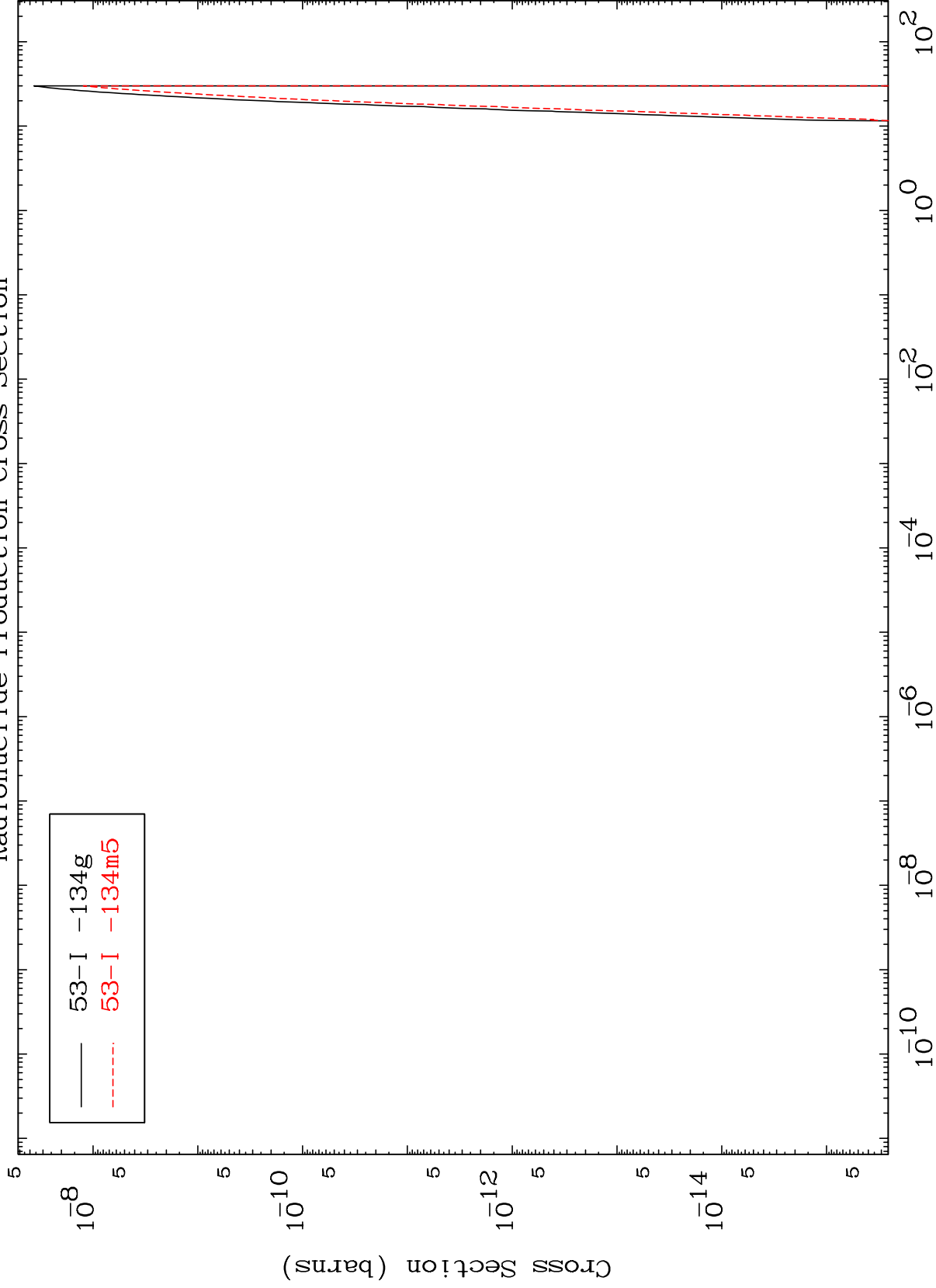


MAT 5734

(n,2α)

57-La-141

Radionuclide Production Cross Section



53-I-134g
53-I-134m5

141

Incident Energy (MeV)

57-La-141

Radionuclide Production Cross Section

