

Program EVALPLOT
(Version 2015-2)

by

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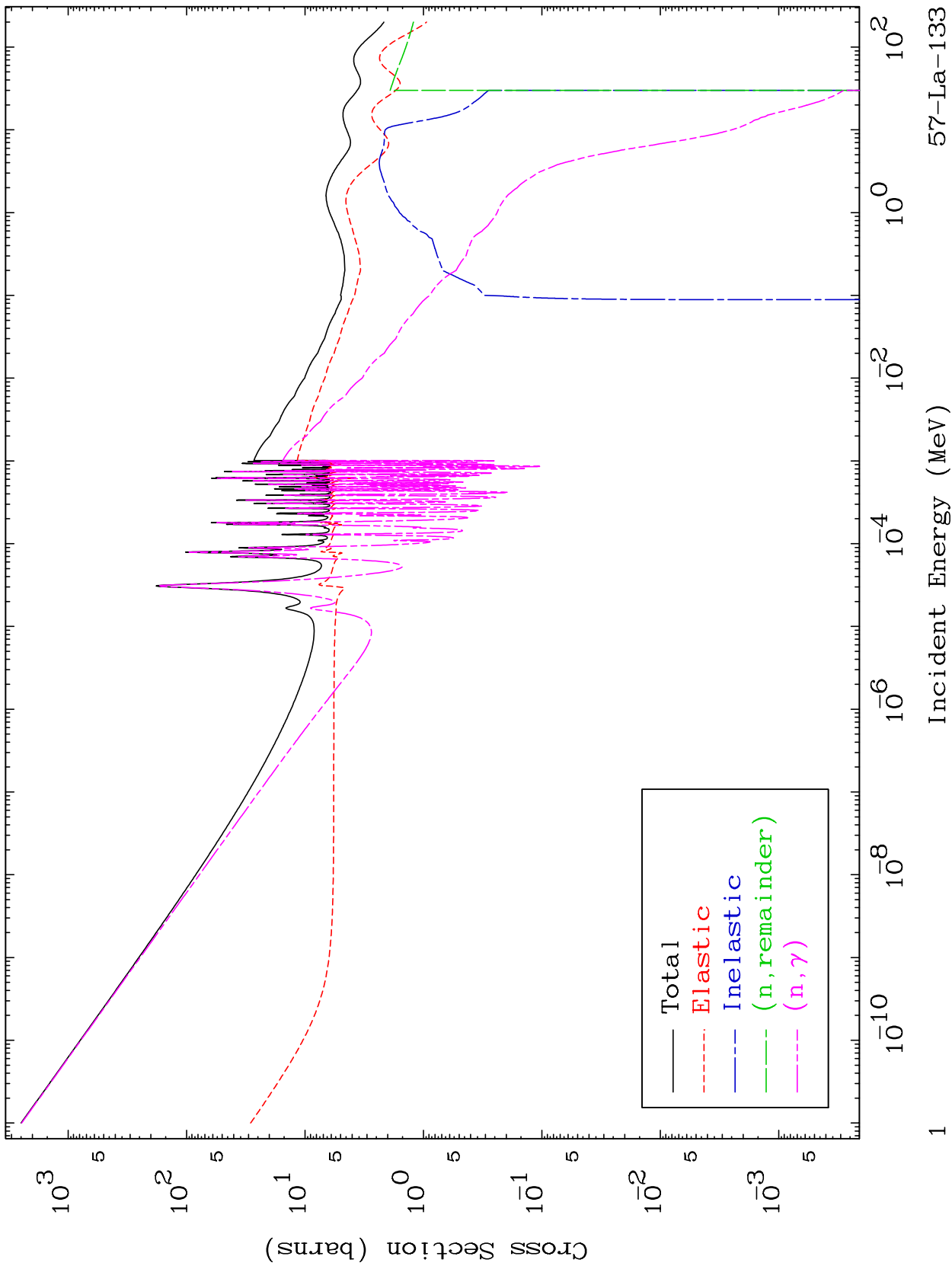
Press Mouse Button to Start

MAT 5710

Major

293 Kelvin Cross Sections

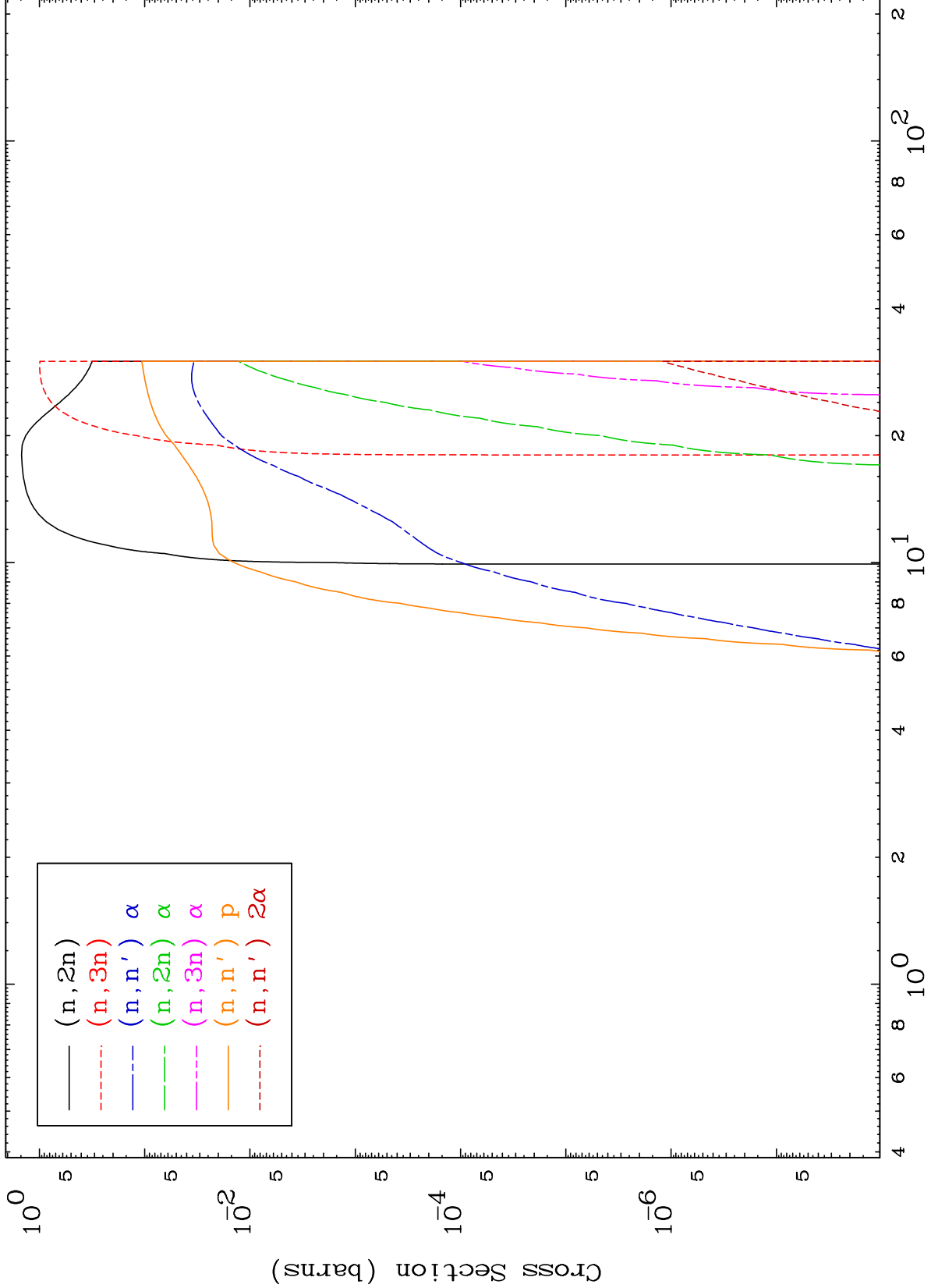
57-La-133



MAT 5710

Neutron Production
293 Kelvin Cross Sections

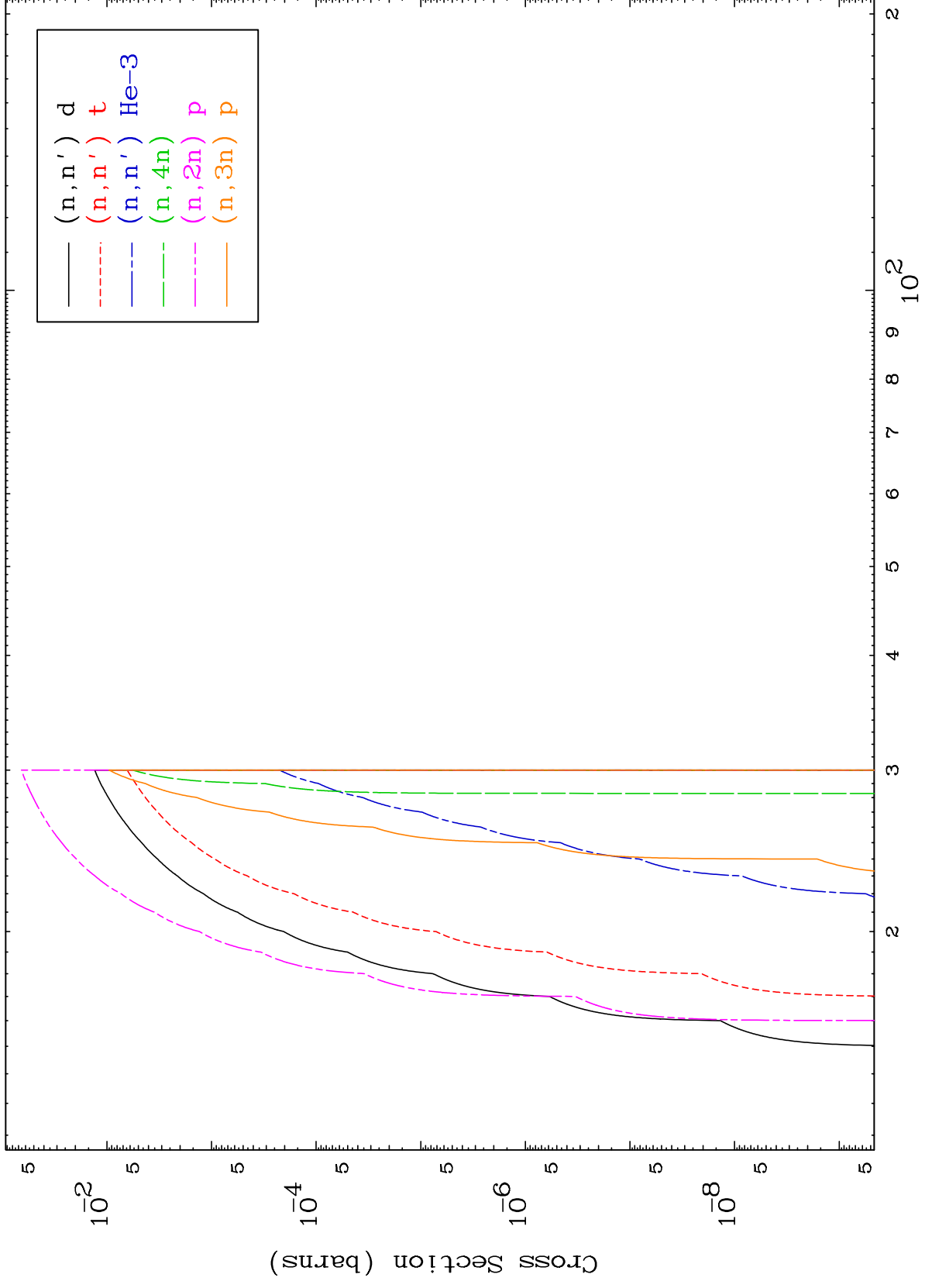
57-La-133



Incident Energy (MeV)

57-La-133

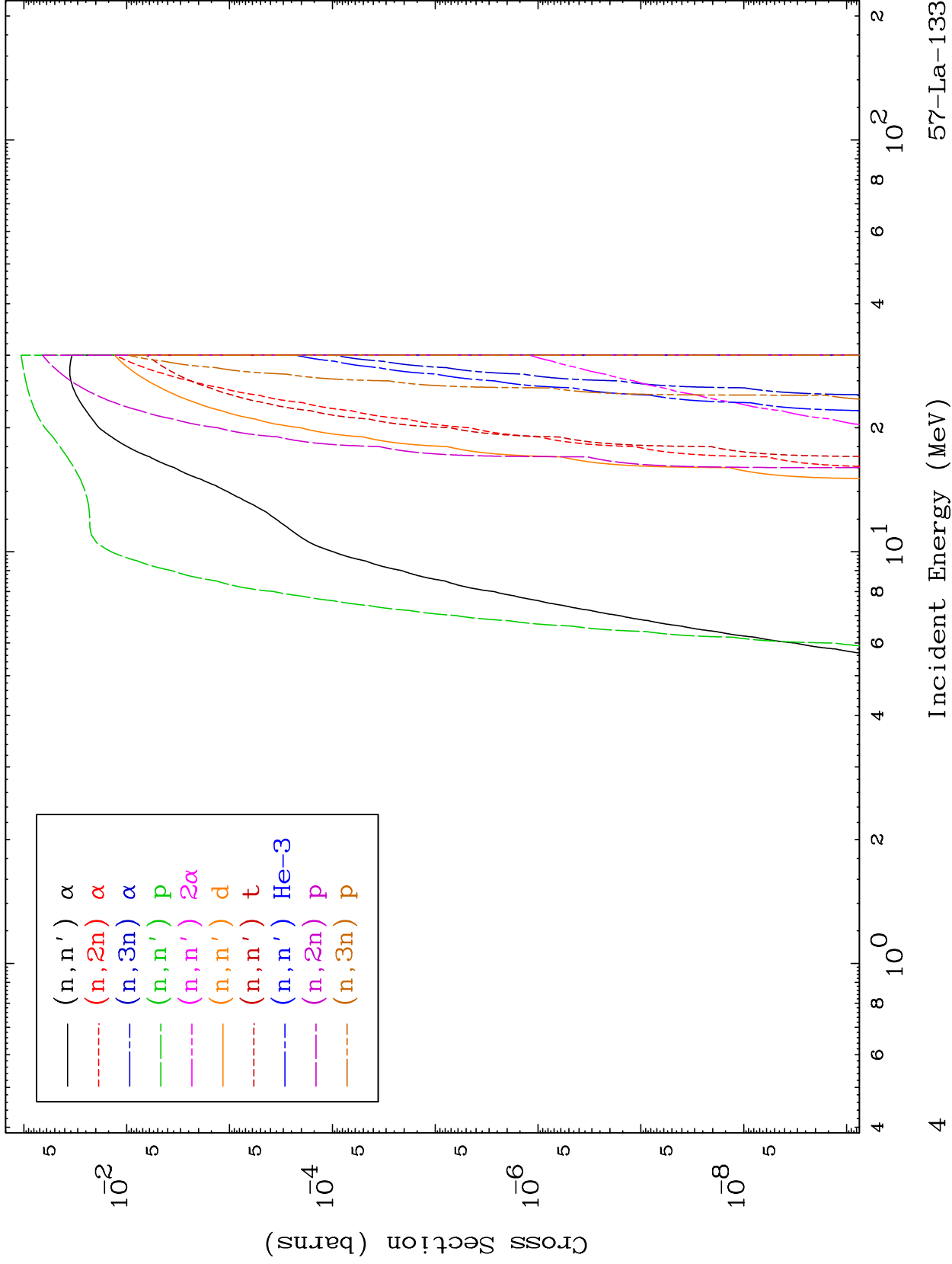
2



MAT 5710

Charged Particle
293 Kelvin Cross Sections

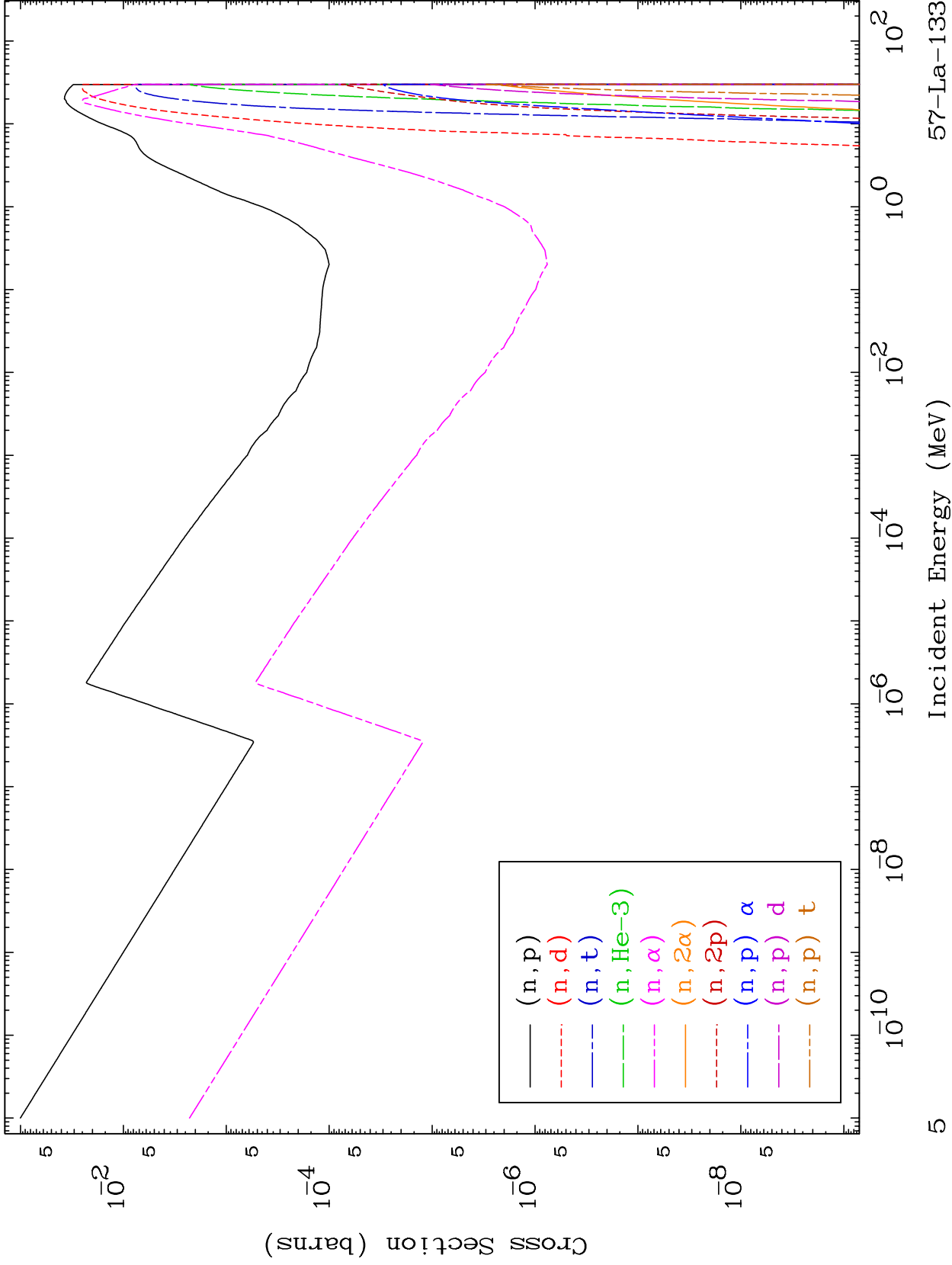
57-La-133

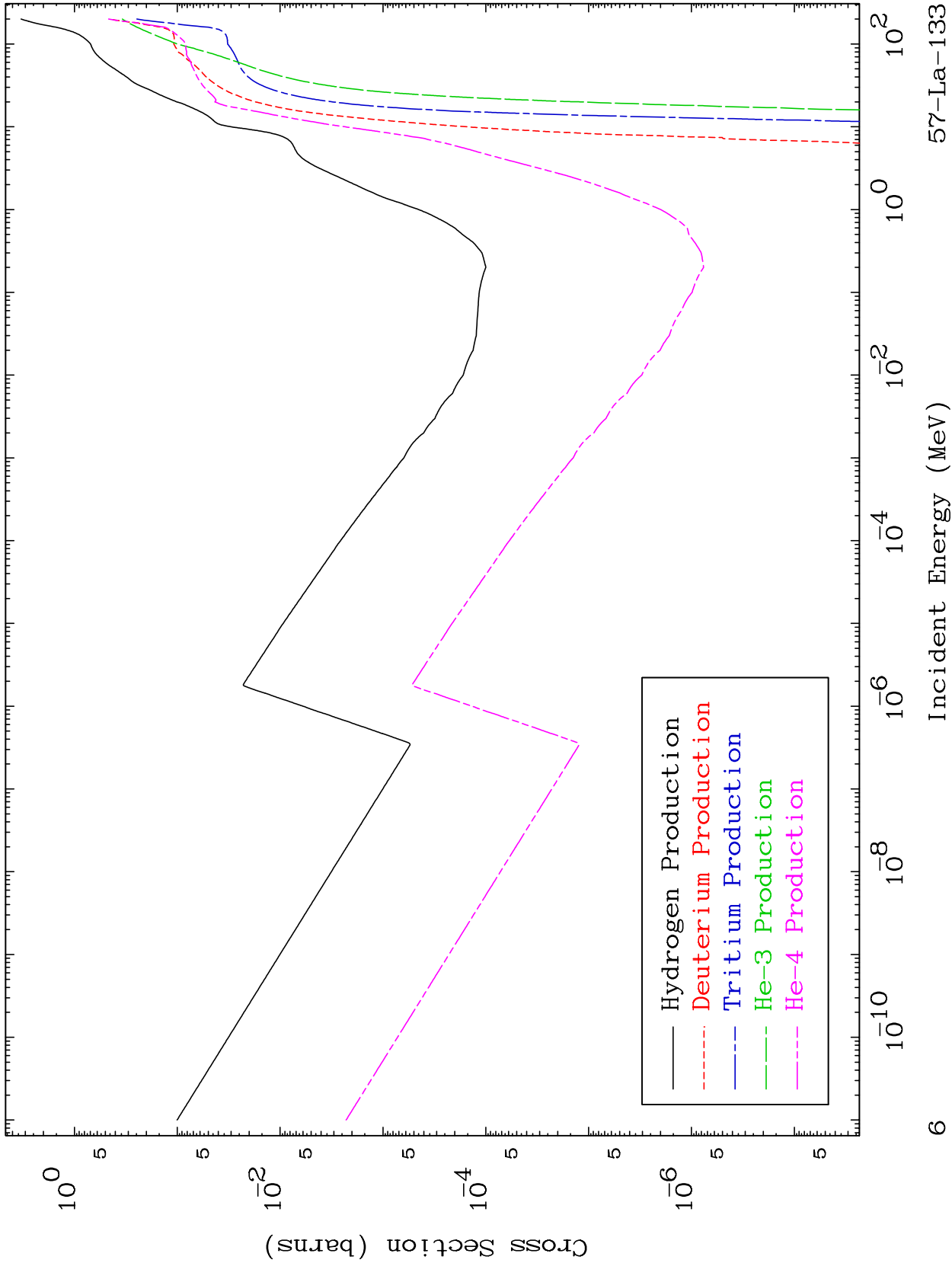


MAT 5710

Charged Particle
293 Kelvin Cross Sections

57-La-133

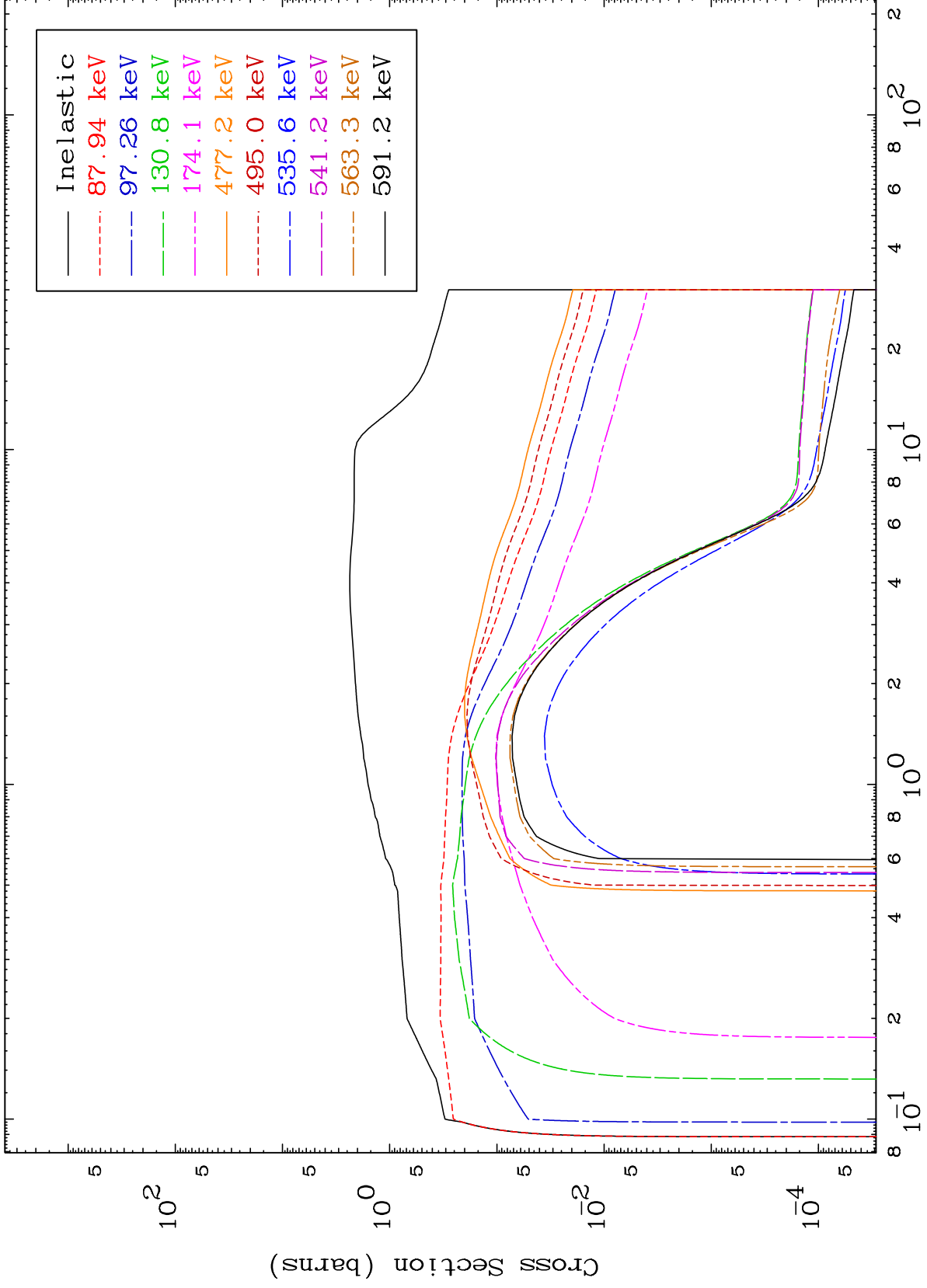




MAT 5710

(n,n') Level
293 Kelvin Cross Sections

57-La-133



Incident Energy (MeV)

57-La-133

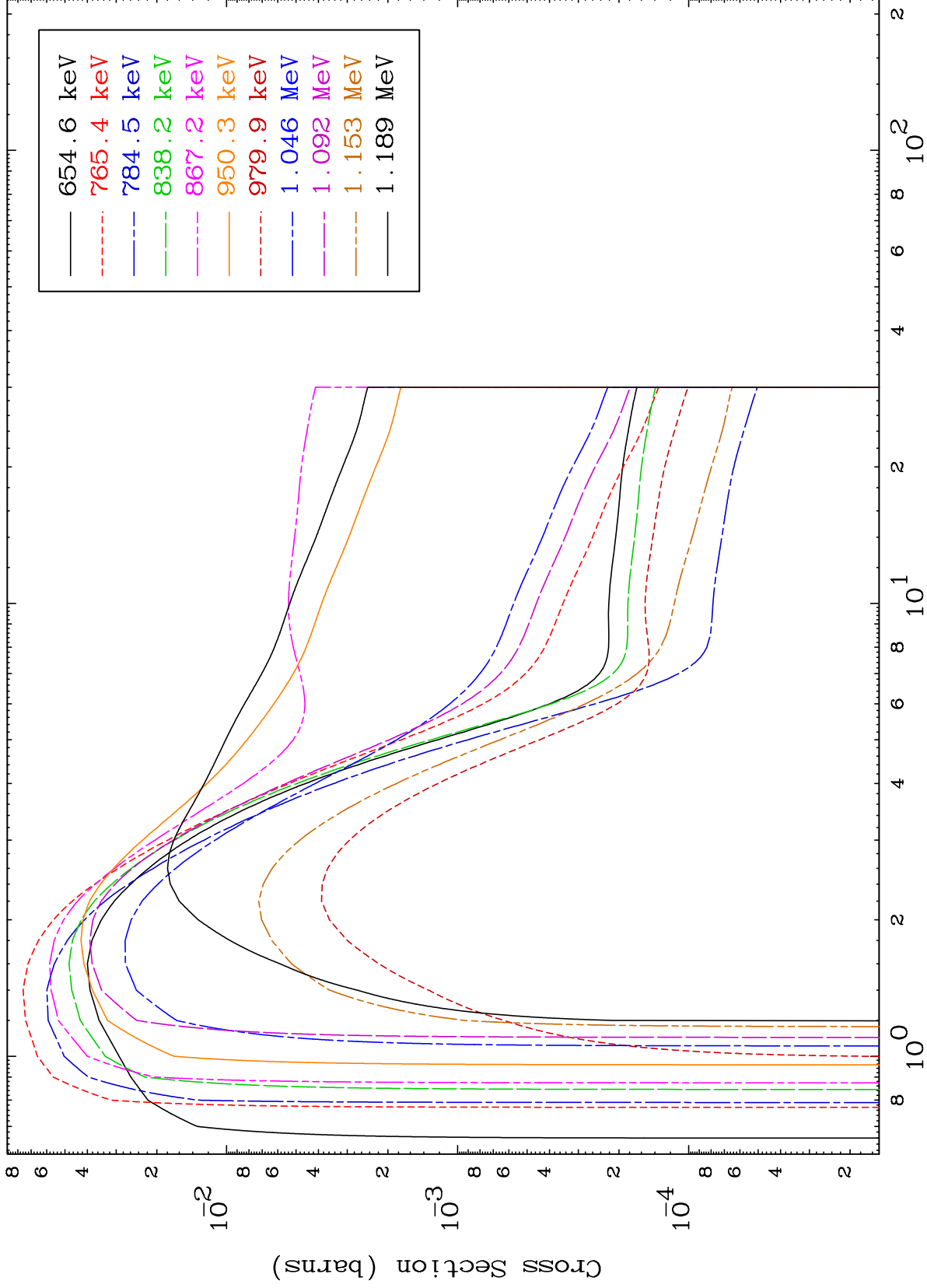
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MAT 5710

(n,n') Level

57-La-133

293 Kelvin Cross Sections

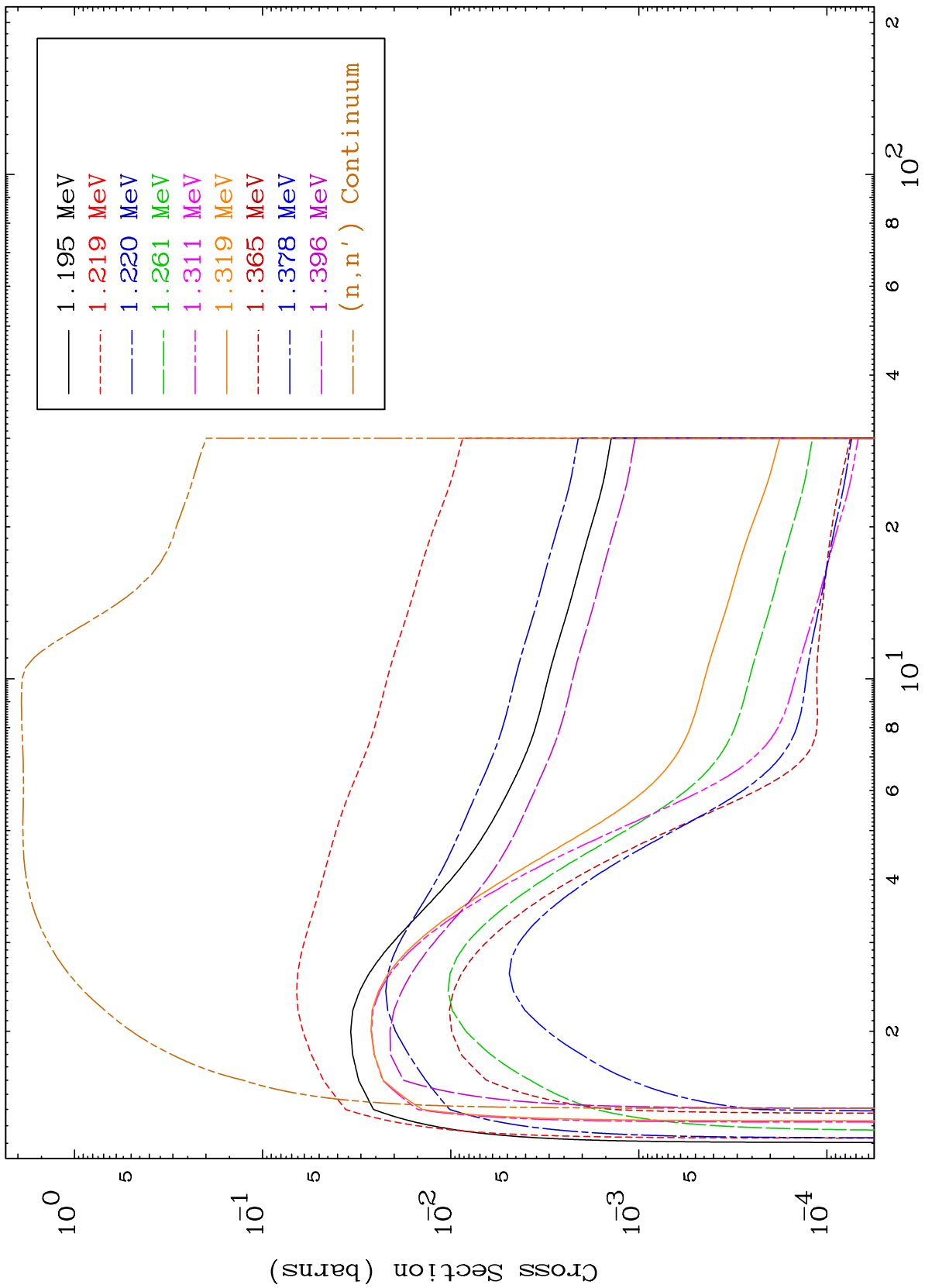


Incident Energy (MeV)

57-La-133

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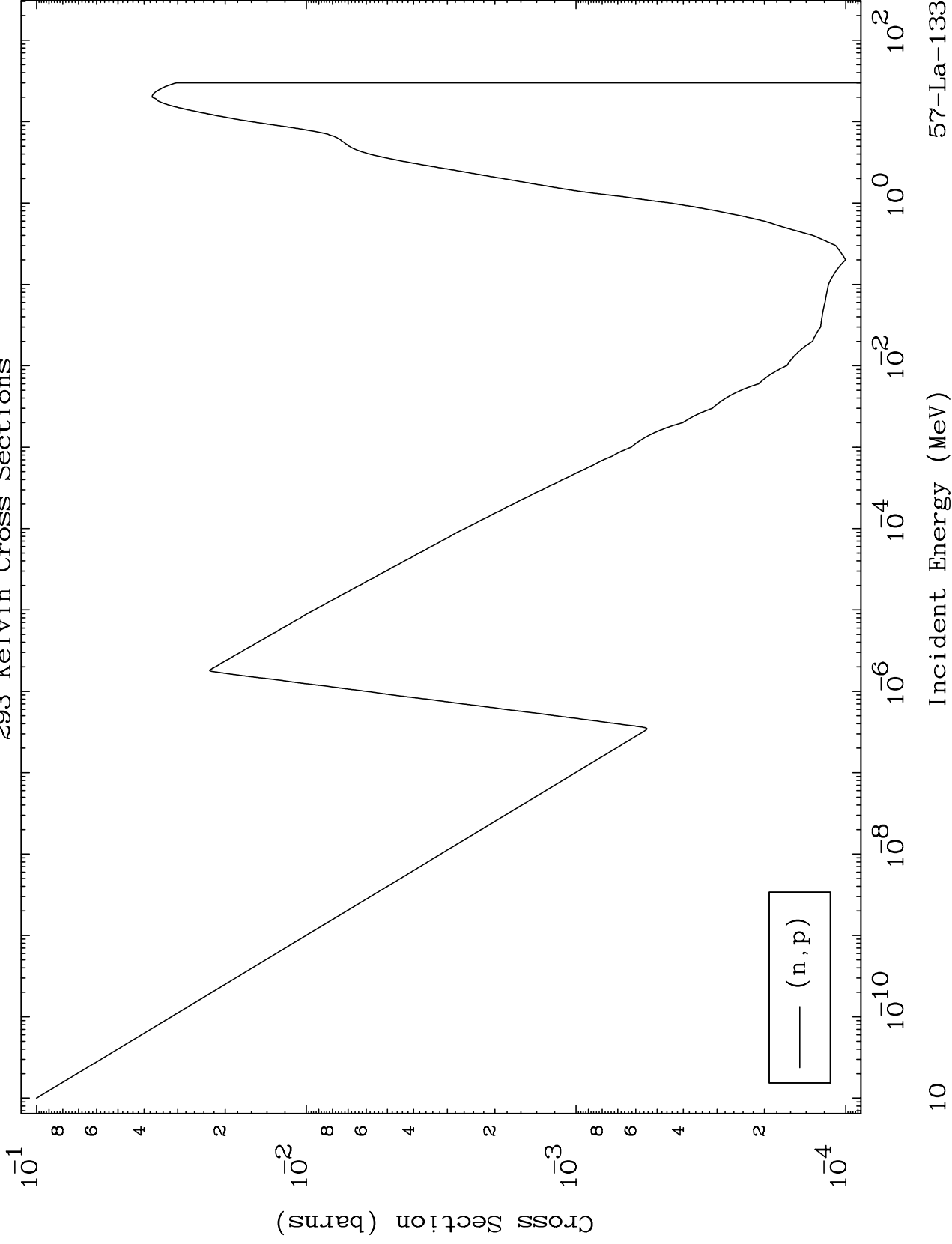
293 Kelvin Cross Sections



MAT 5710

(n,p) Levels
293 Kelvin Cross Sections

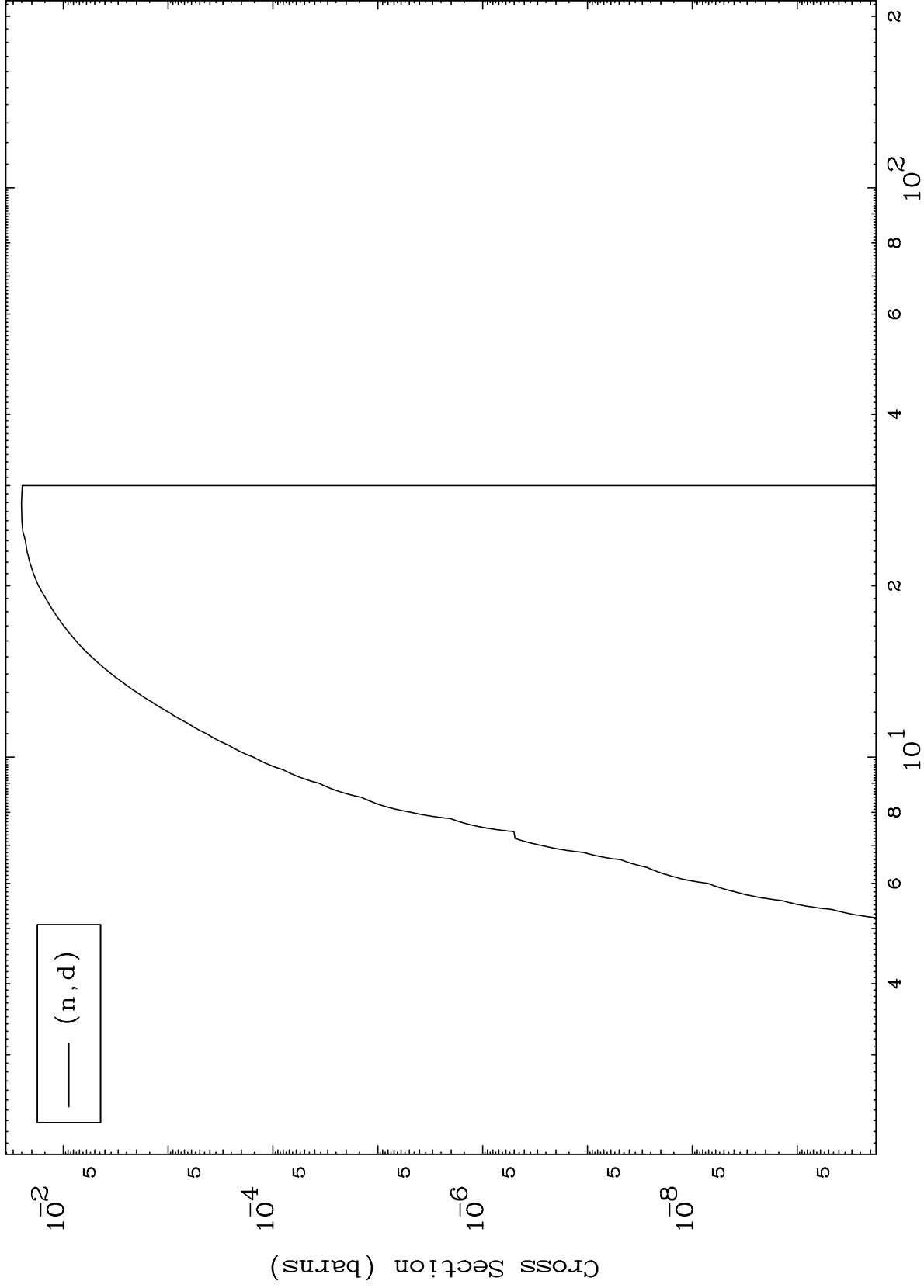
57-La-133



MAT 5710

(n,d) Levels
293 Kelvin Cross Sections

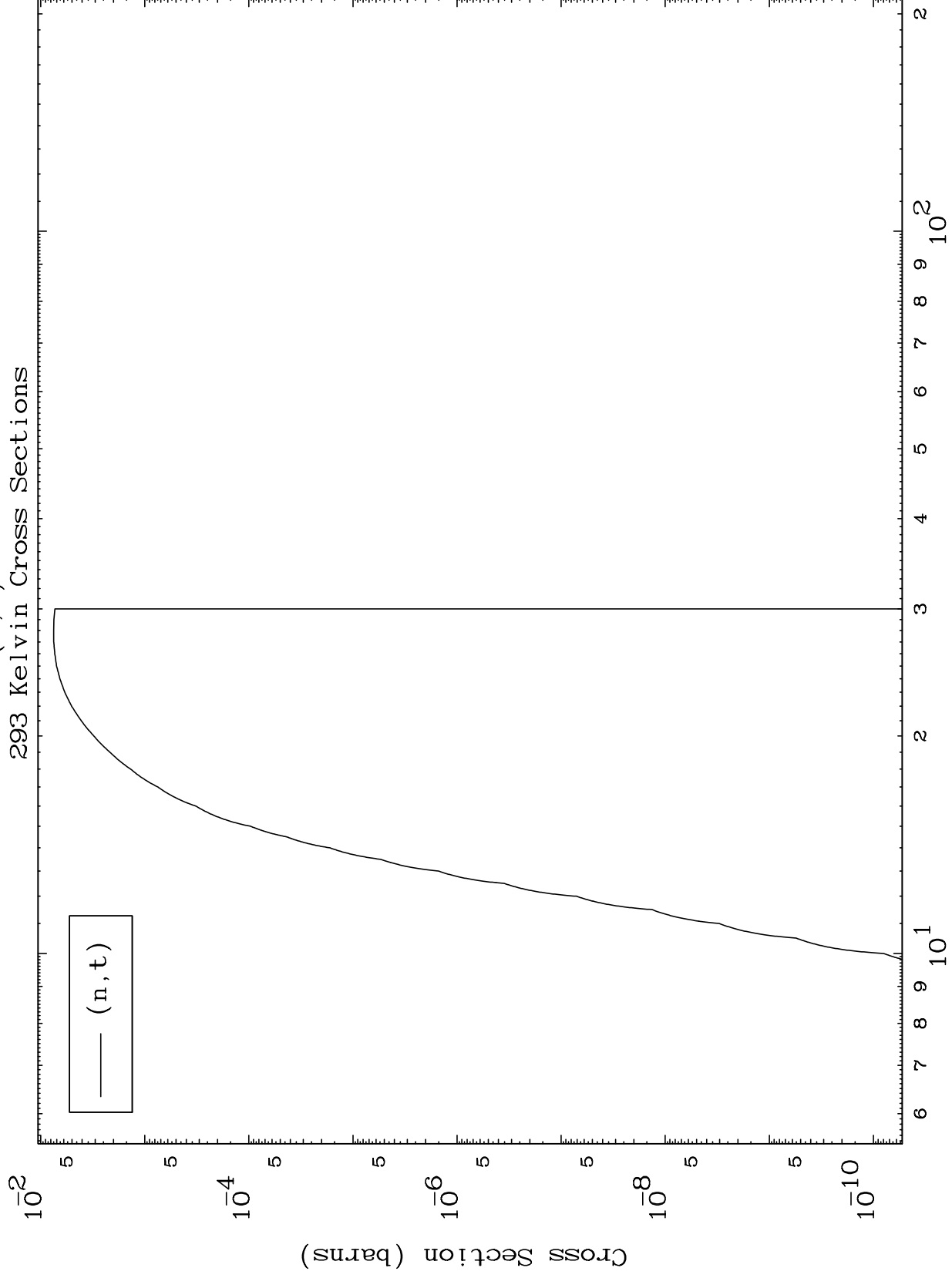
57-La-133



MAT 5710

(n,t) Levels
293 Kelvin Cross Sections

57-La-133



12

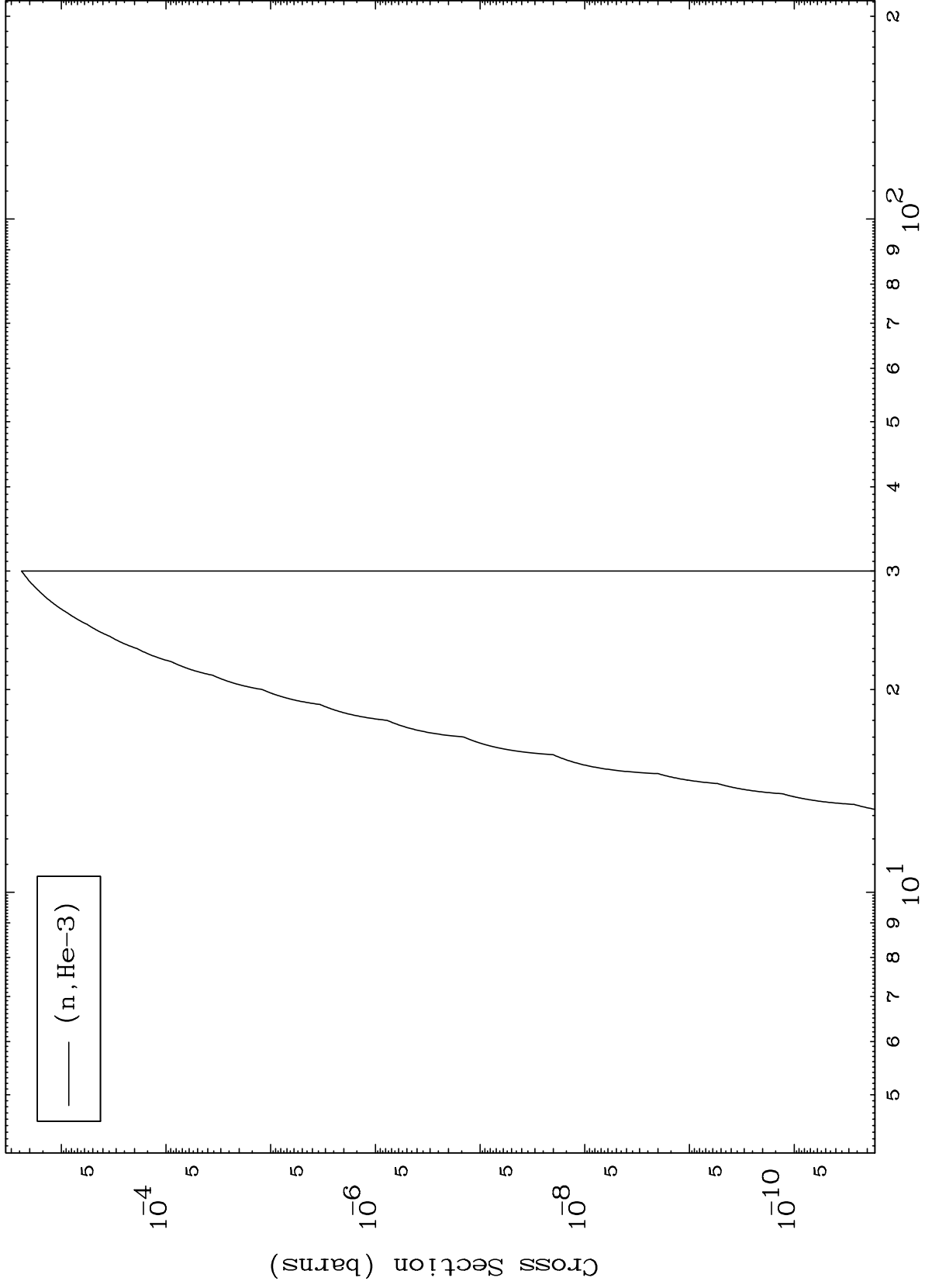
Incident Energy (MeV)

57-La-133

MAT 5710

(n,He3) Levels
293 Kelvin Cross Sections

57-La-133



13

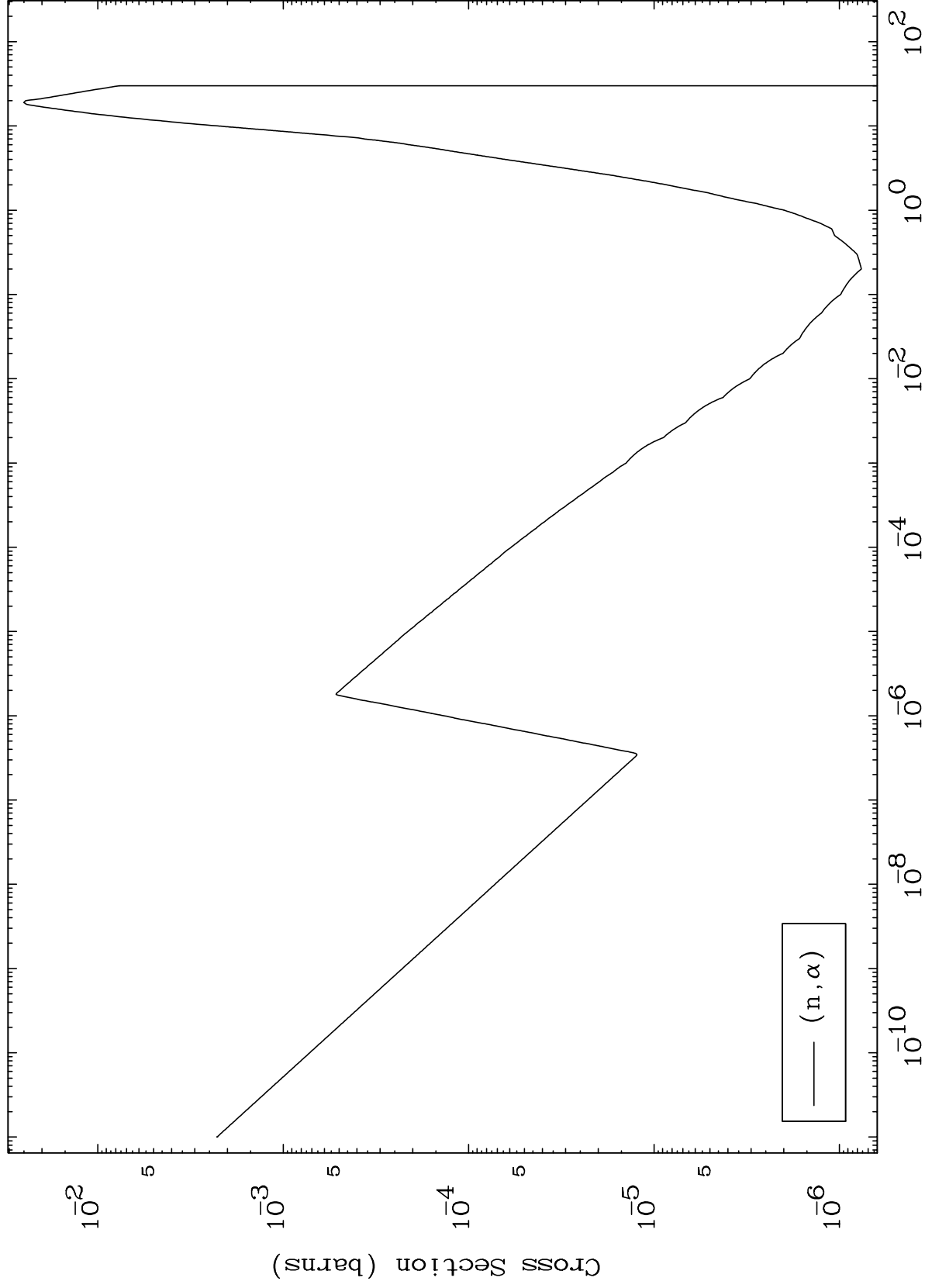
Incident Energy (MeV)

57-La-133

MAT 5710

(n, α) Levels
293 Kelvin Cross Sections

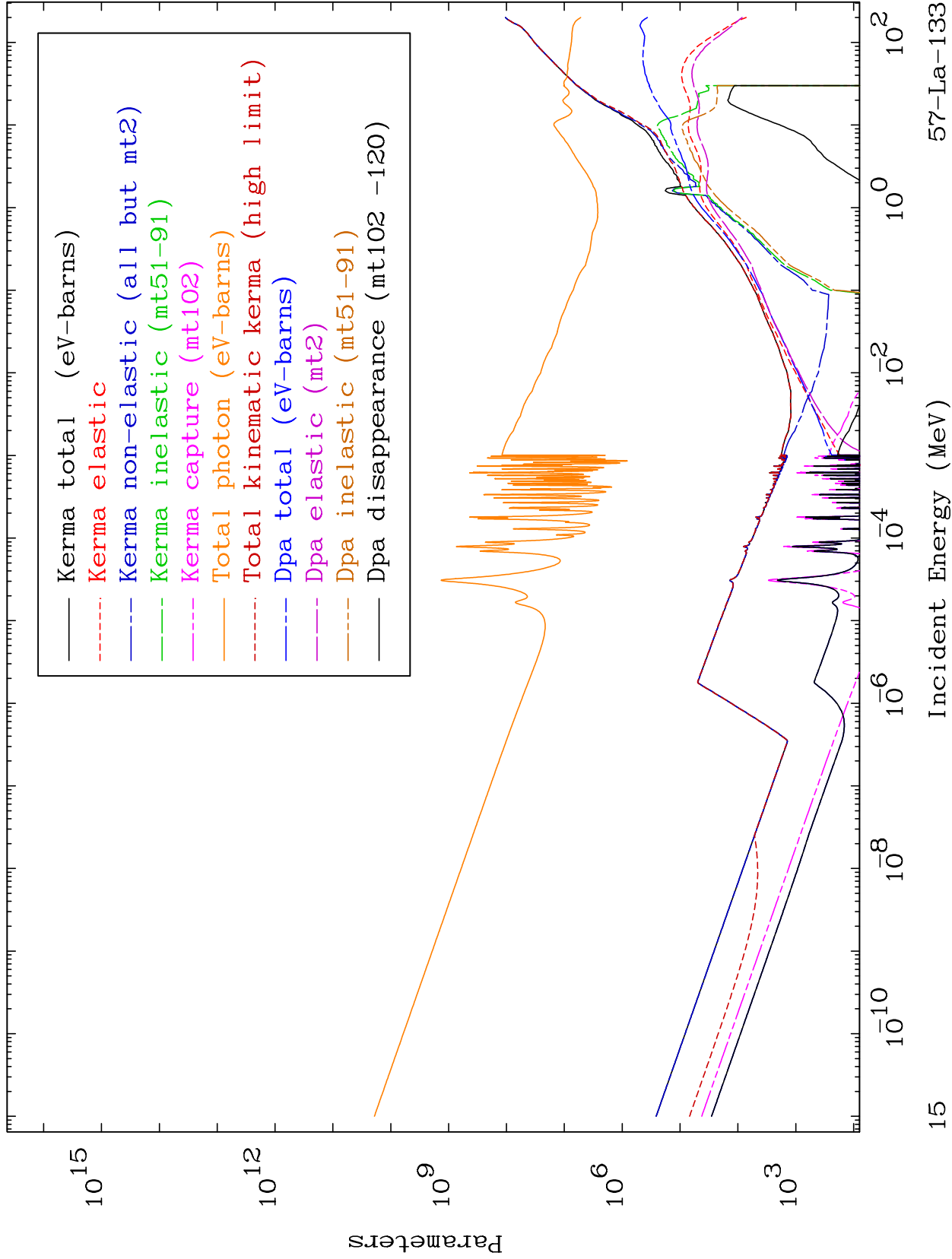
57-La-133



Incident Energy (MeV)

57-La-133

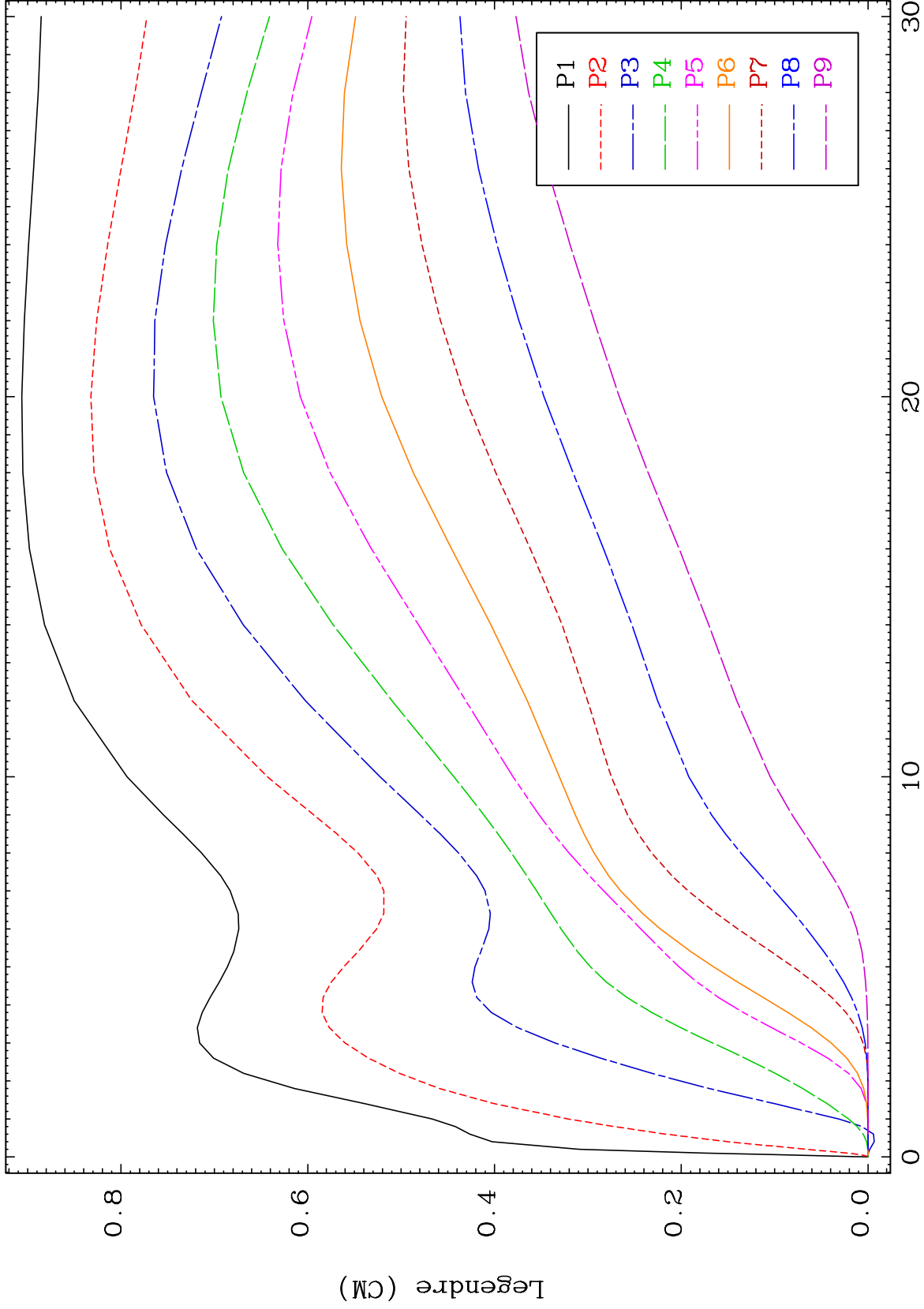
14



MAT 5710

Elastic Legendre Coefficients

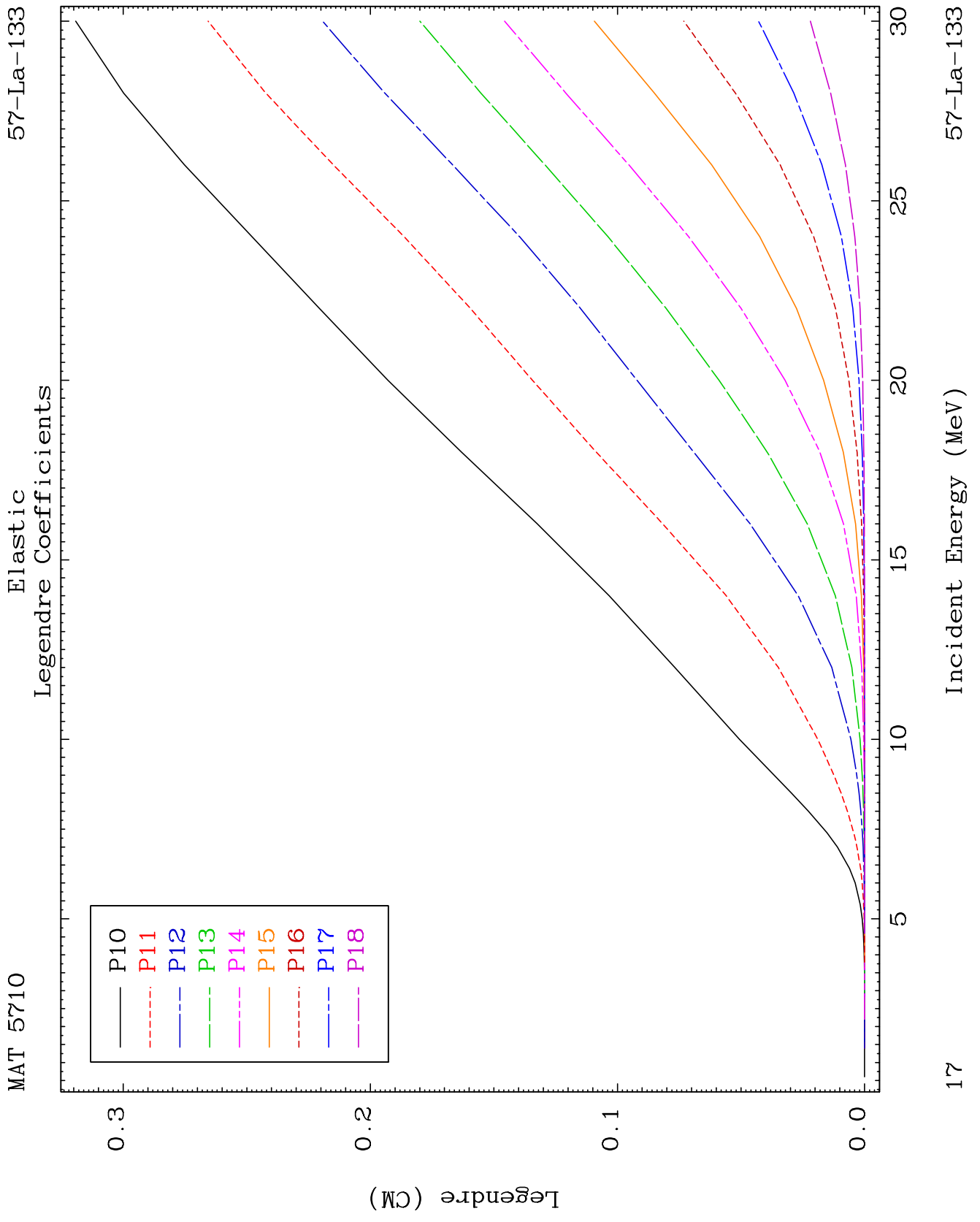
57-La-133



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Incident Energy (MeV)

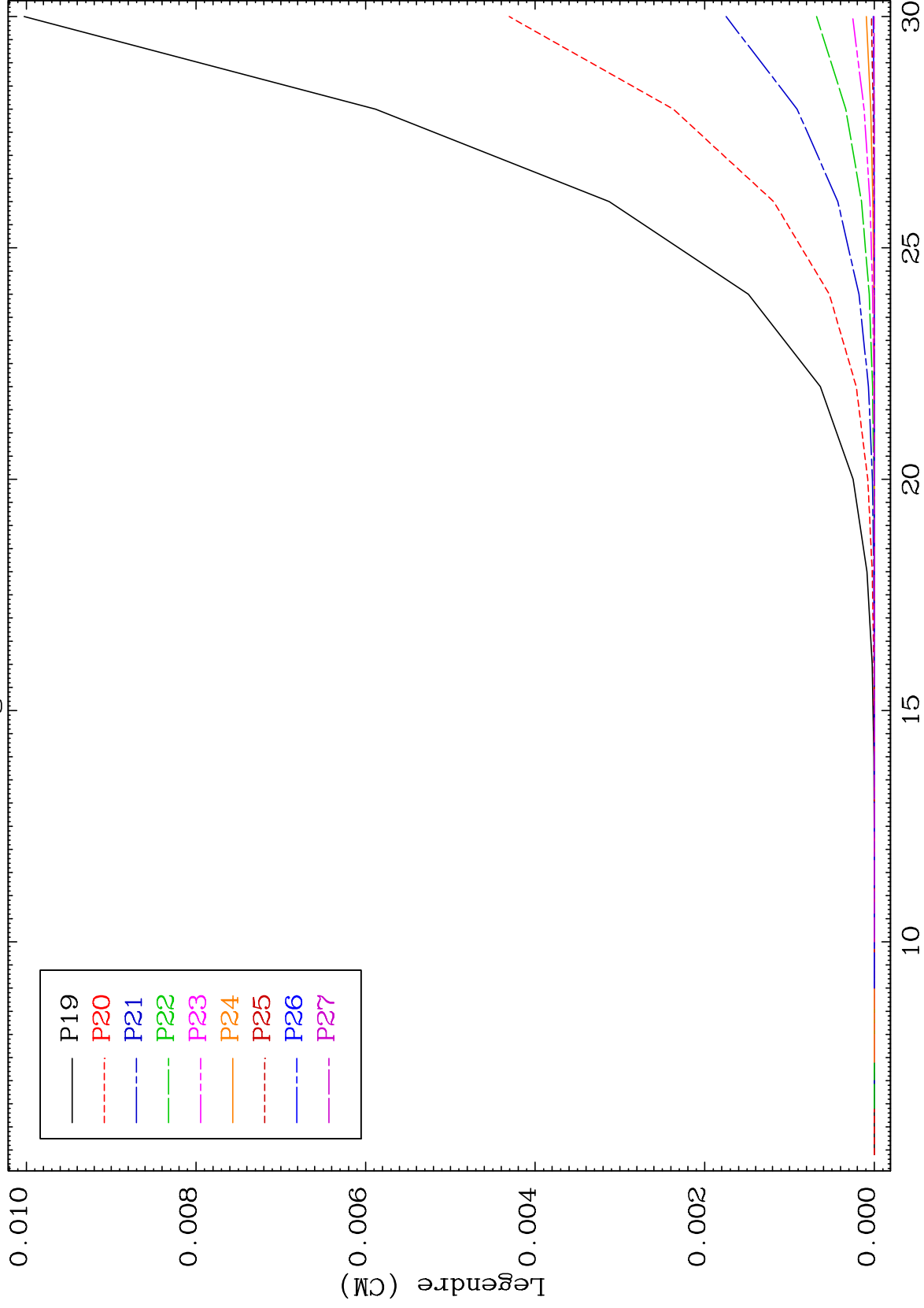
57-La-133



MAT 5710

Elastic
Legendre Coefficients

57-La-133



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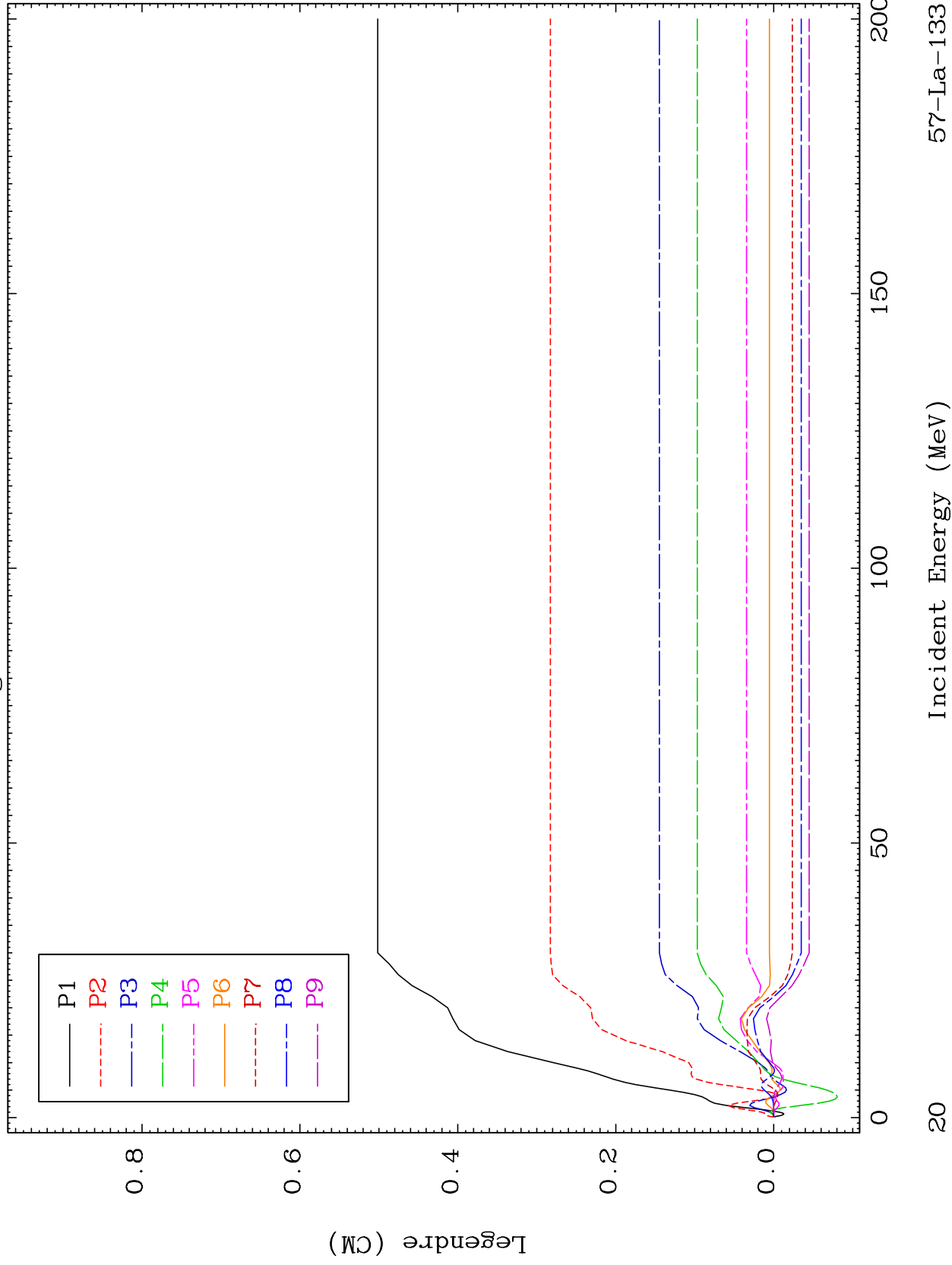
Incident Energy (MeV)

57-La-133

MAT 5710

87.94 keV (n,n') Level
Legendre Coefficients

57-La-133



57-La-133

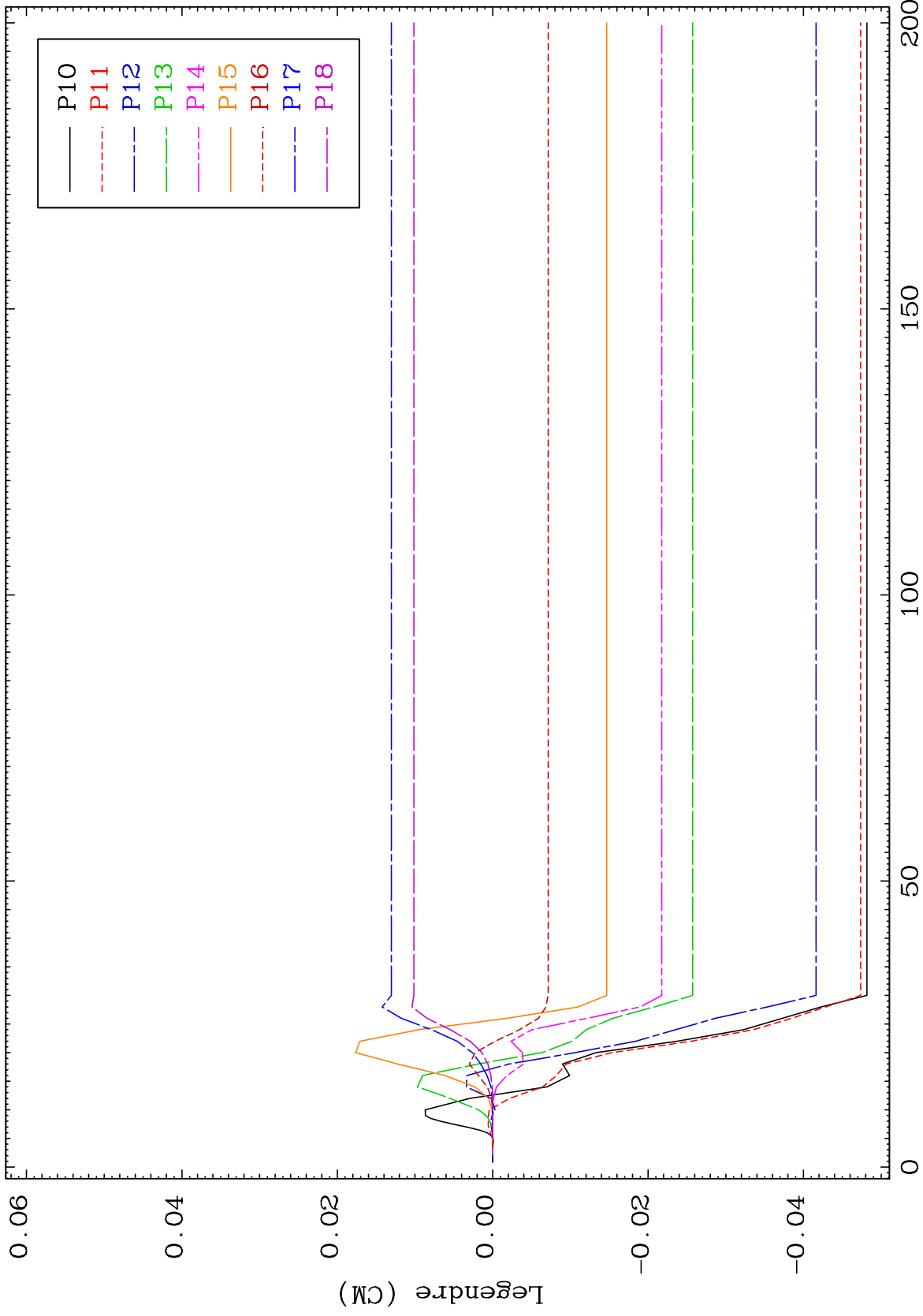
Incident Energy (MeV)

0

MAT 5710

87.94 keV (n,n') Level
Legendre Coefficients

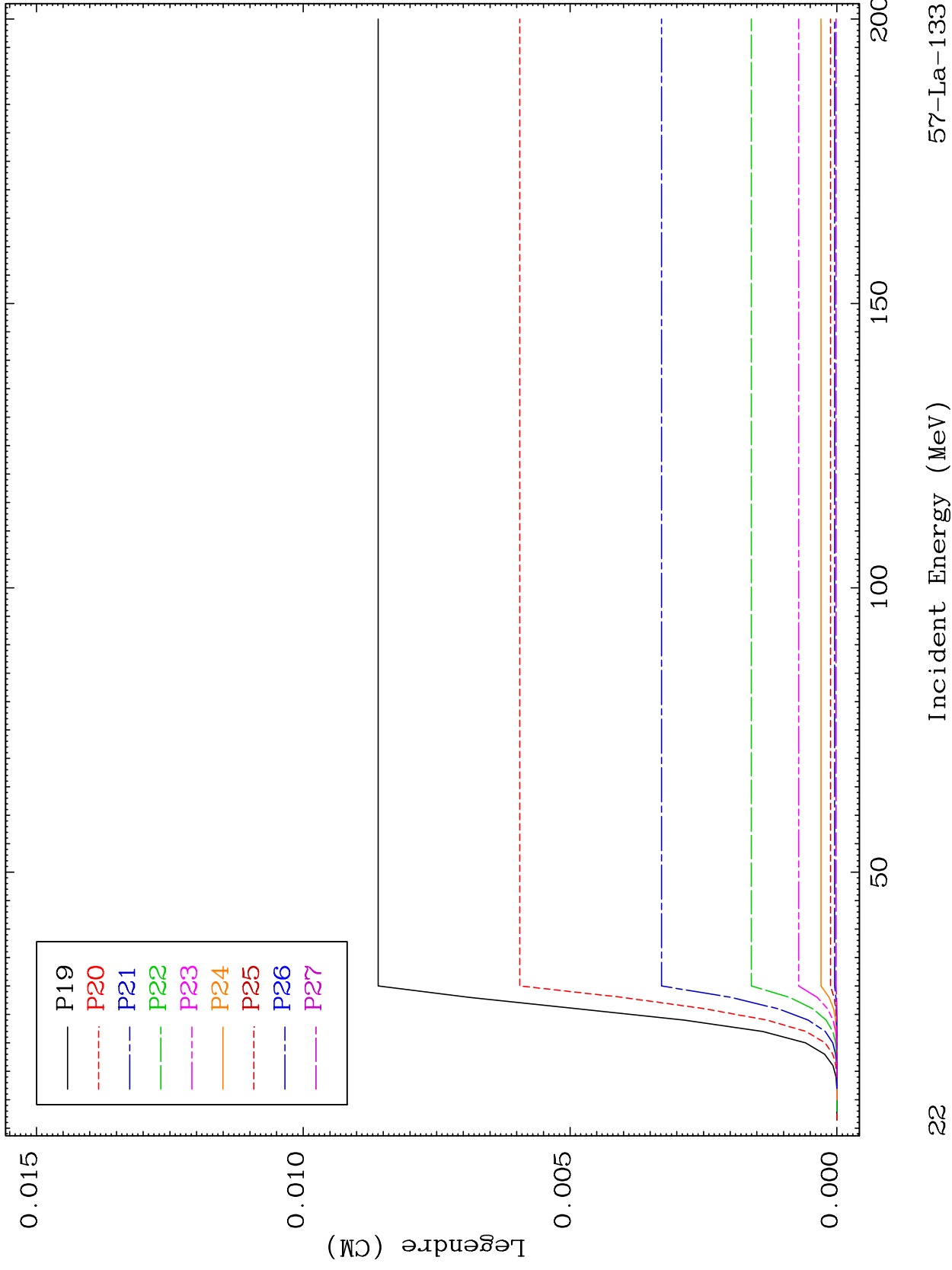
57-La-133



MAT 5710

87.94 keV (n,n') Level
Legendre Coefficients

57-La-133

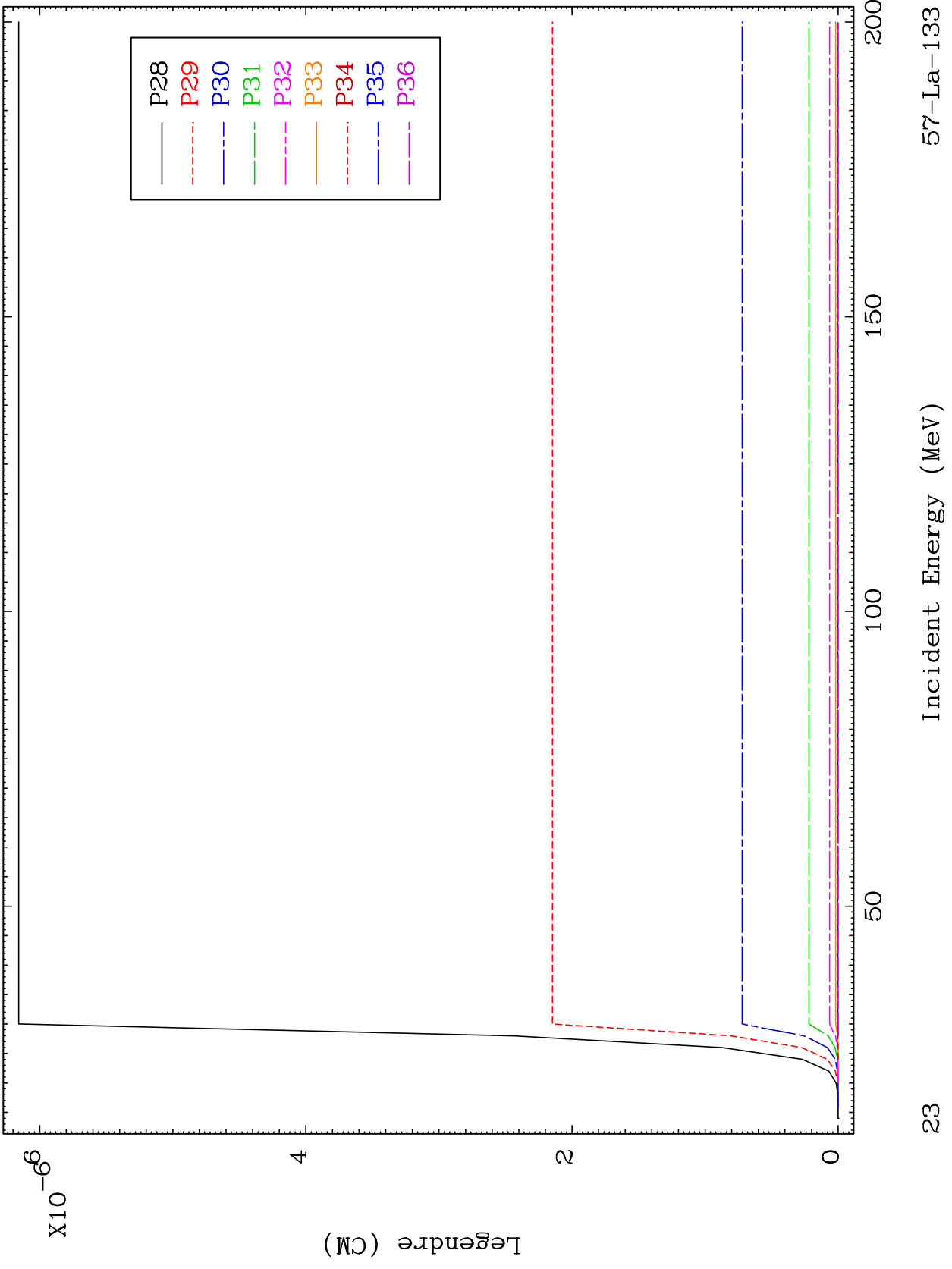


22

Incident Energy (MeV)

57-La-133

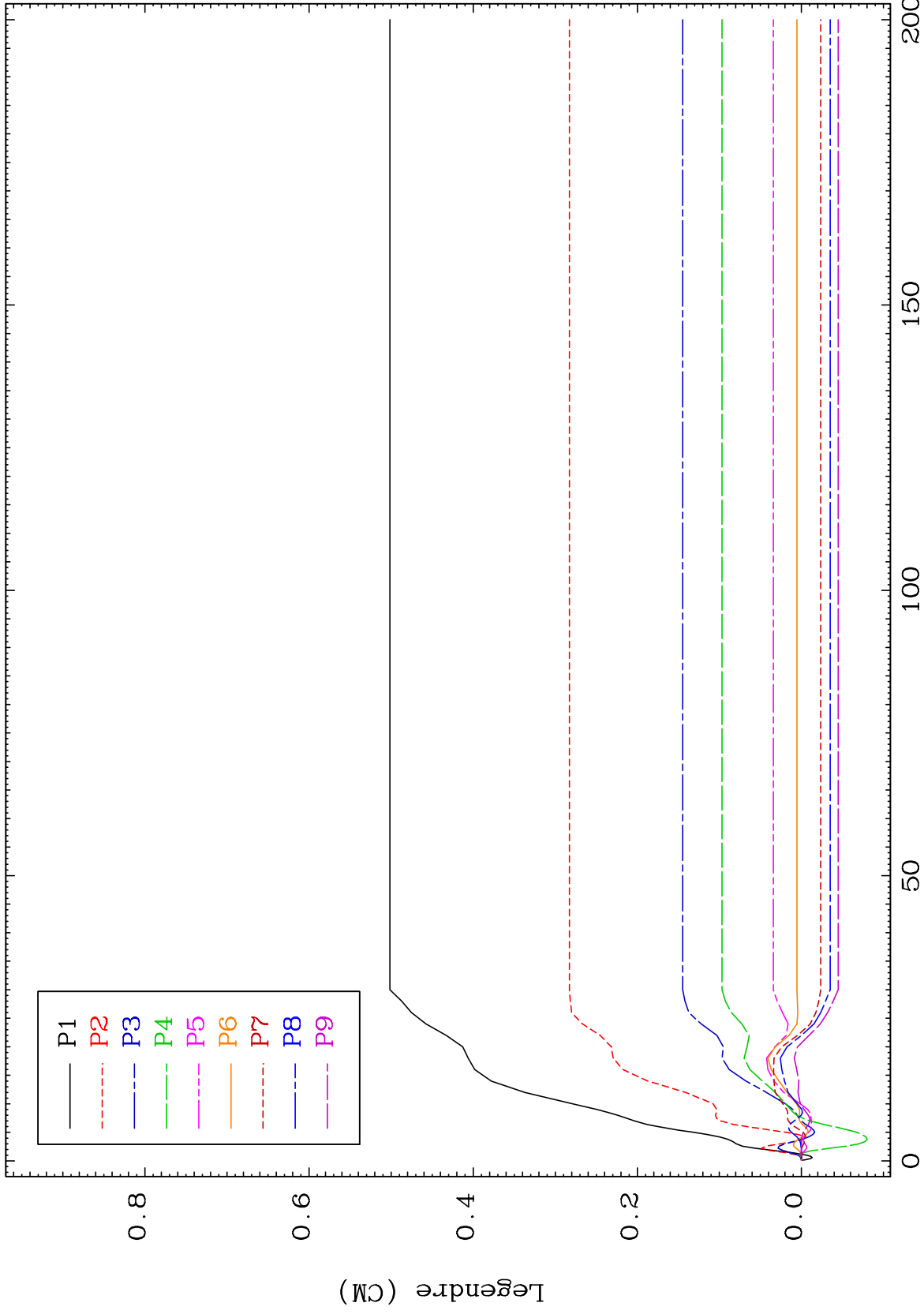
MAT 5710 87.94 keV (n,n') Level Legendre Coefficients 57-La-133



MAT 5710

97.26 keV (n,n') Level
Legendre Coefficients

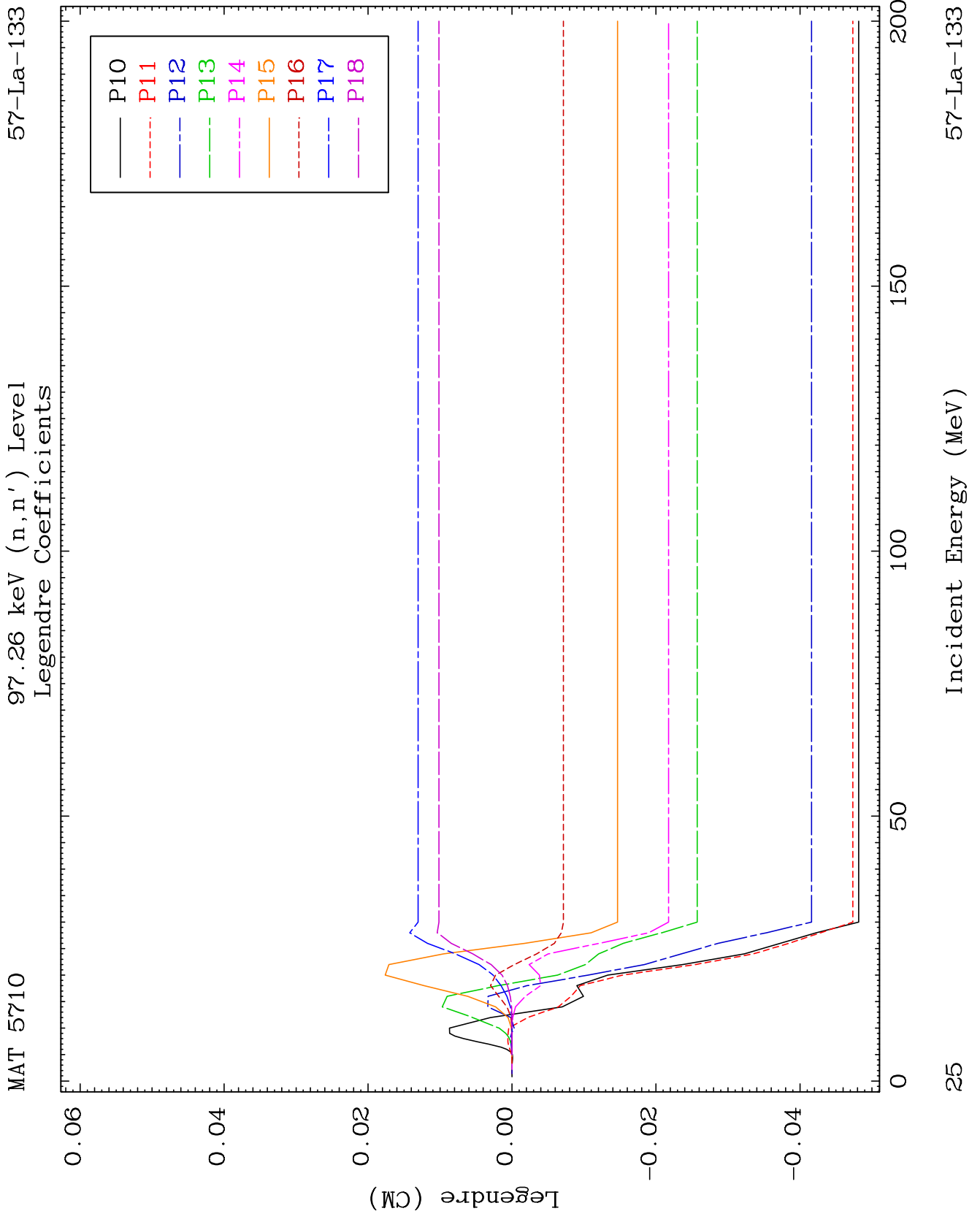
57-La-133



24

Incident Energy (MeV)

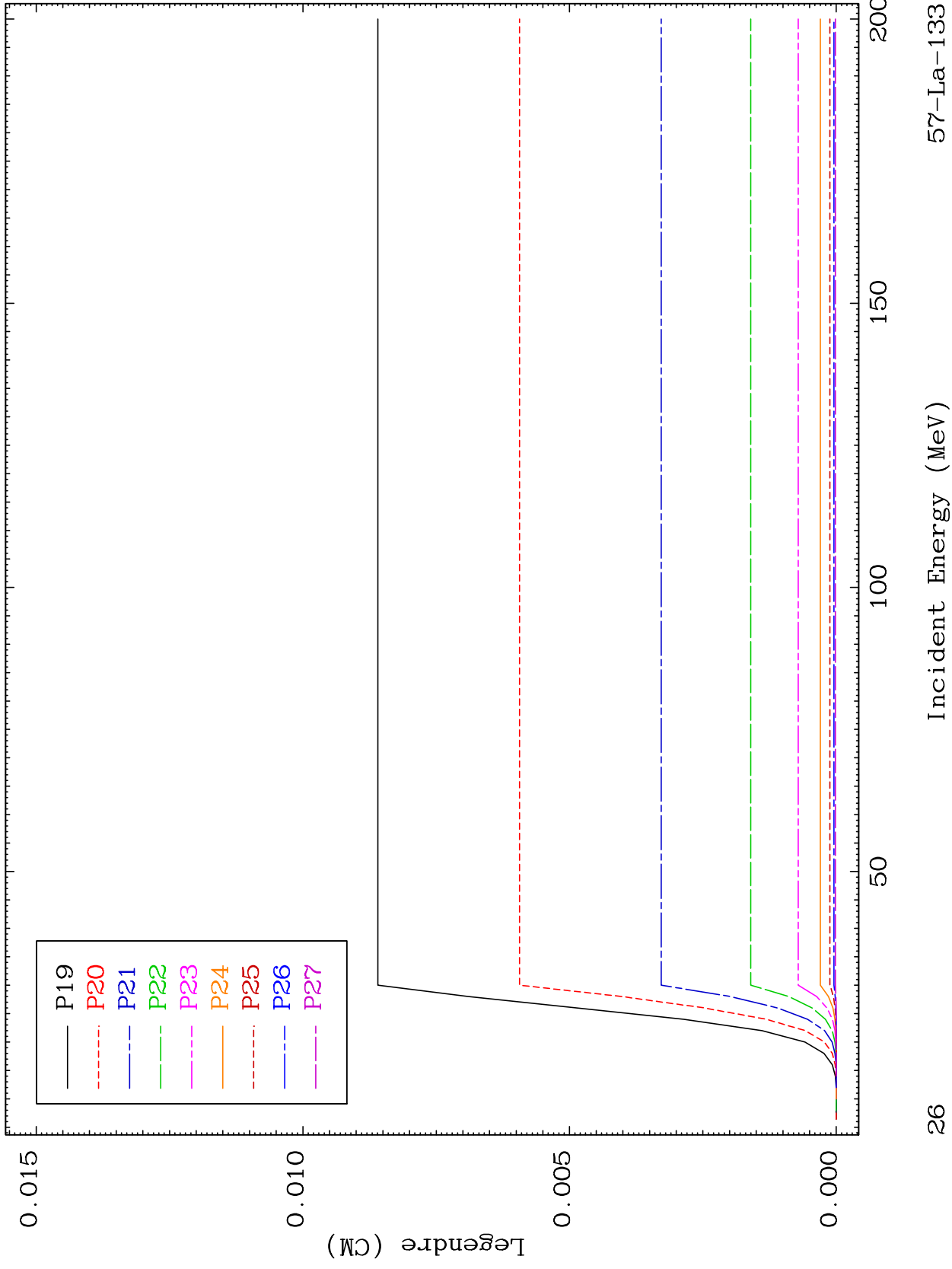
57-La-133



MAT 5710

97.26 keV (n,n') Level
Legendre Coefficients

57-La-133

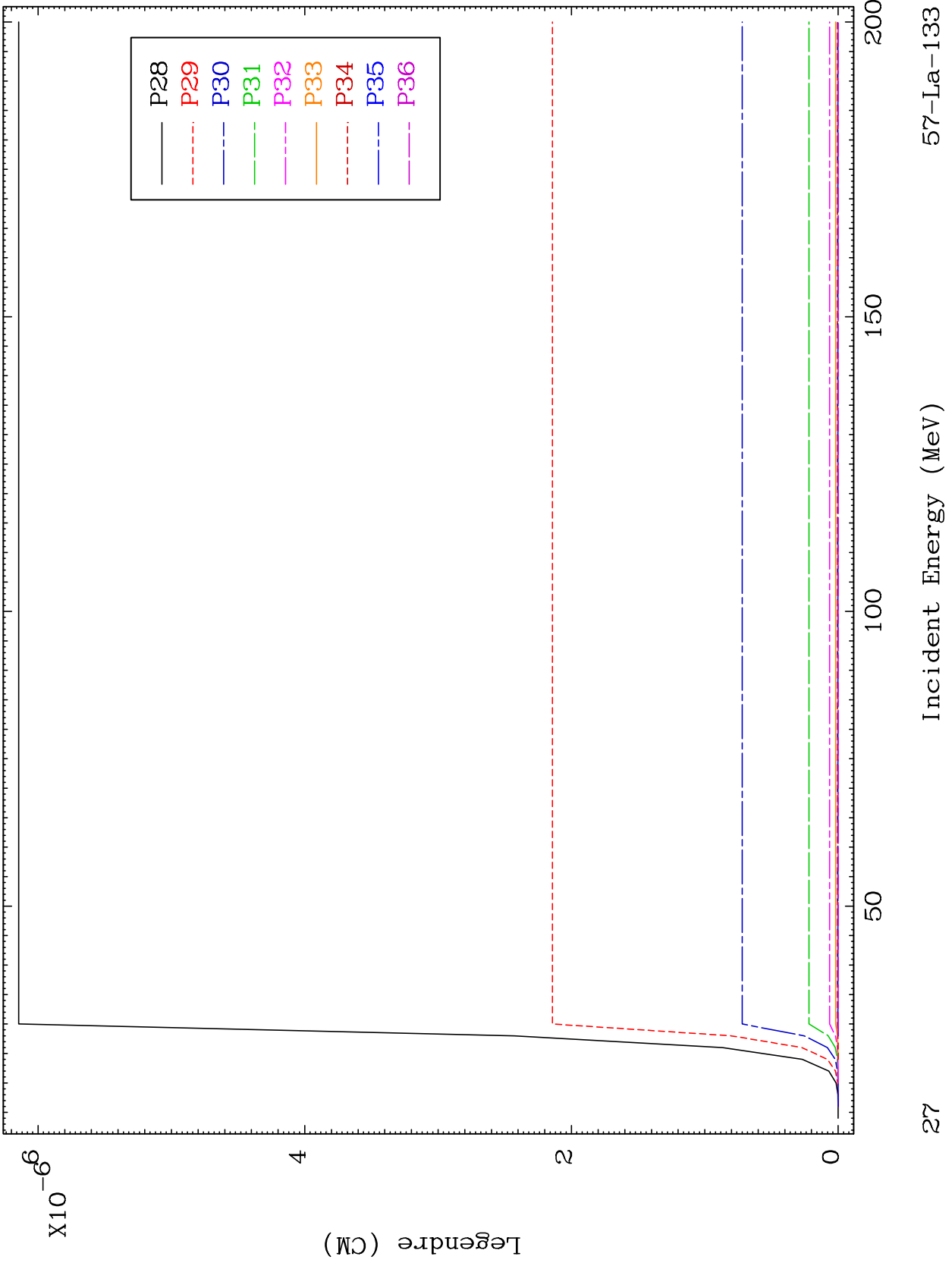


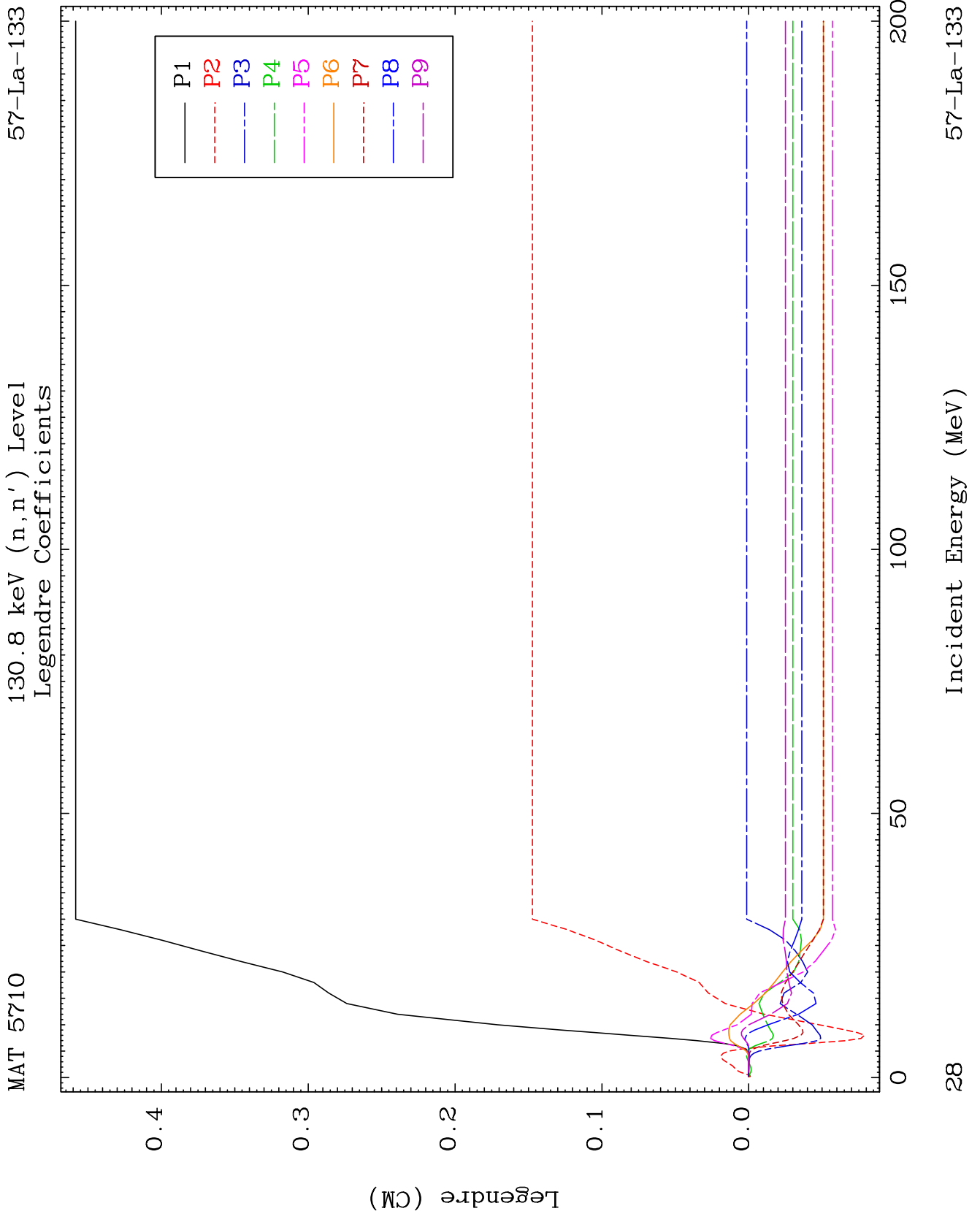
26

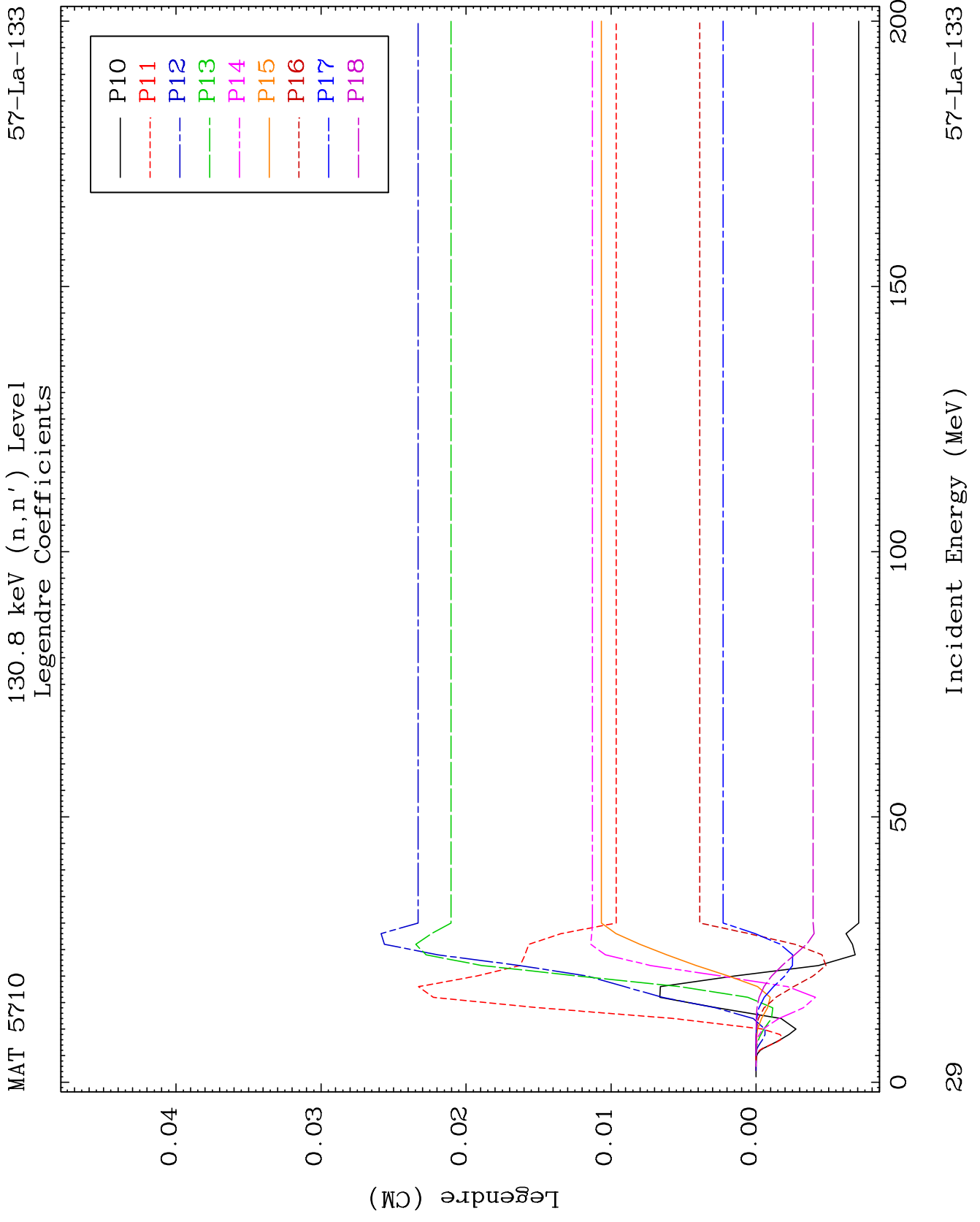
Incident Energy (MeV)

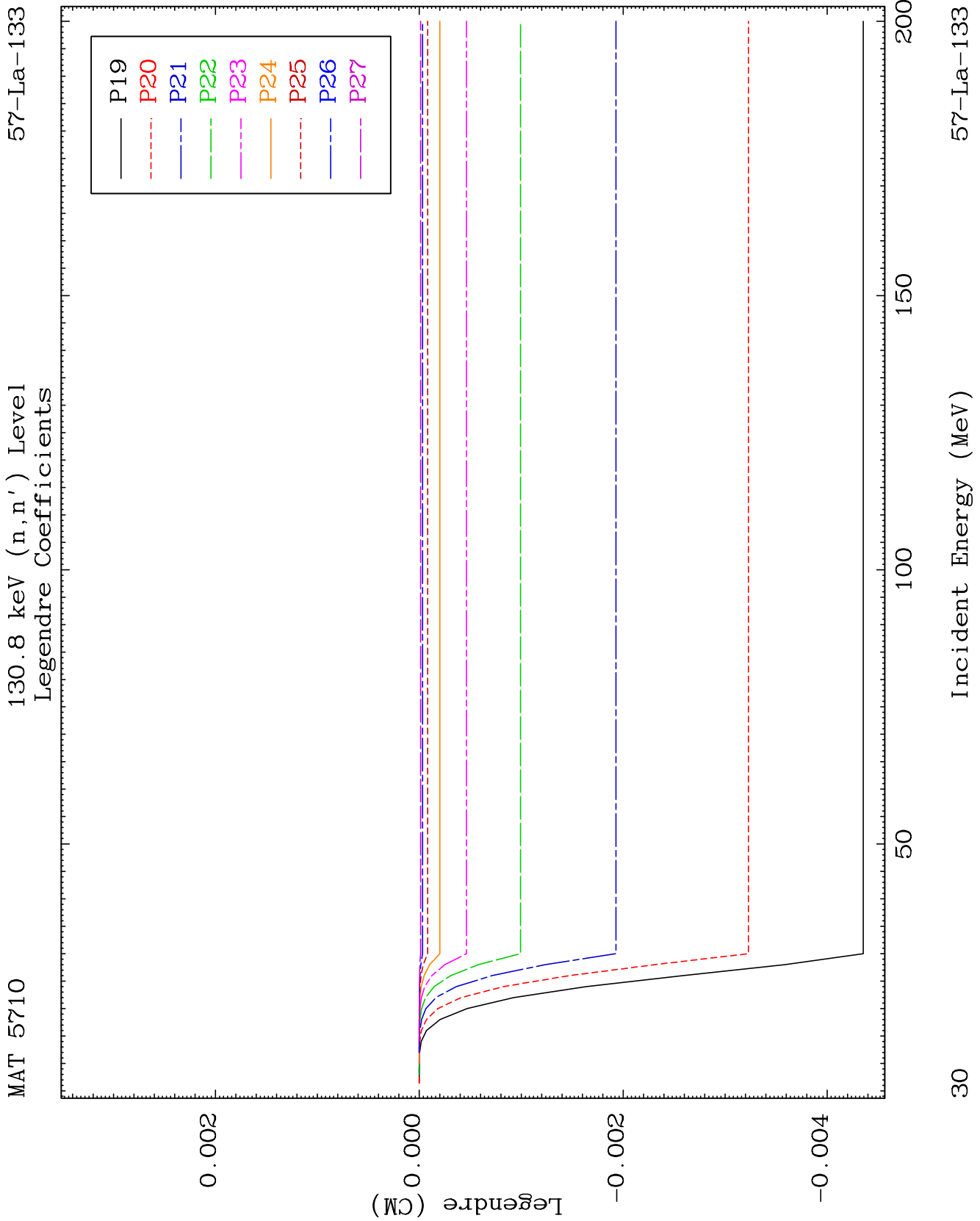
57-La-133

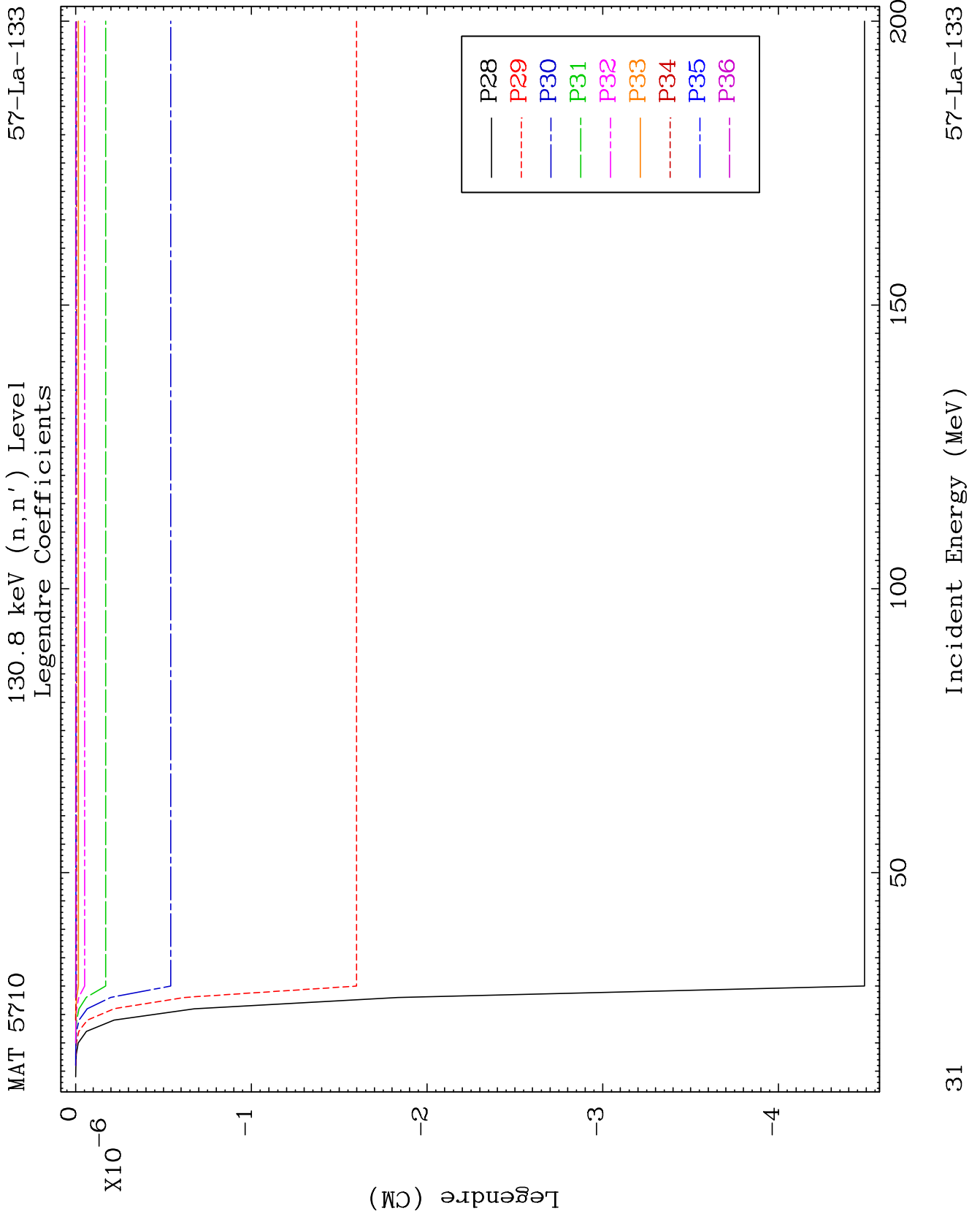
MAT 5710 97.26 keV (n,n') Level 57-La-133







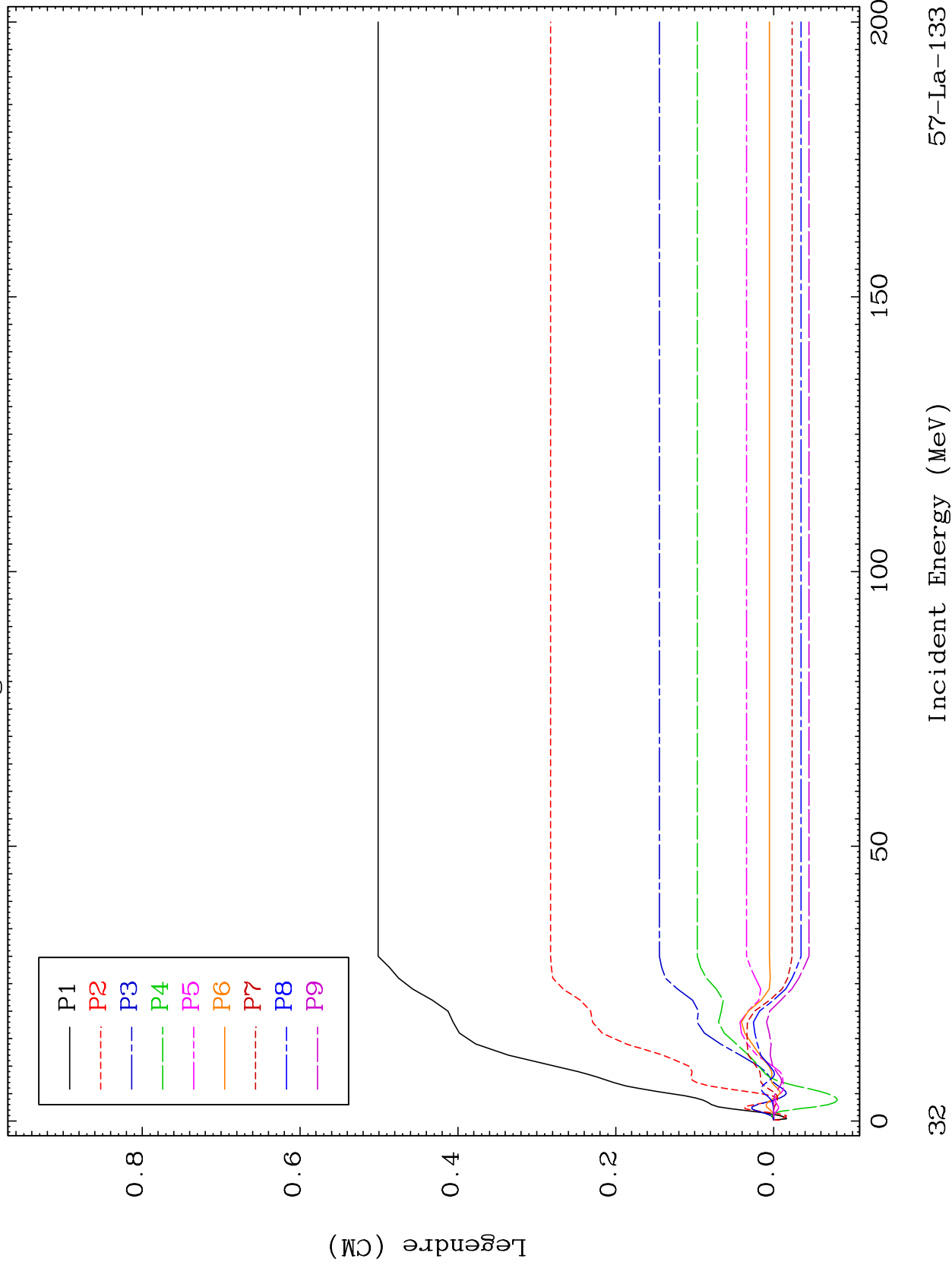




MAT 5710

174.1 keV (n,n') Level
Legendre Coefficients

57-La-133



57-La-133

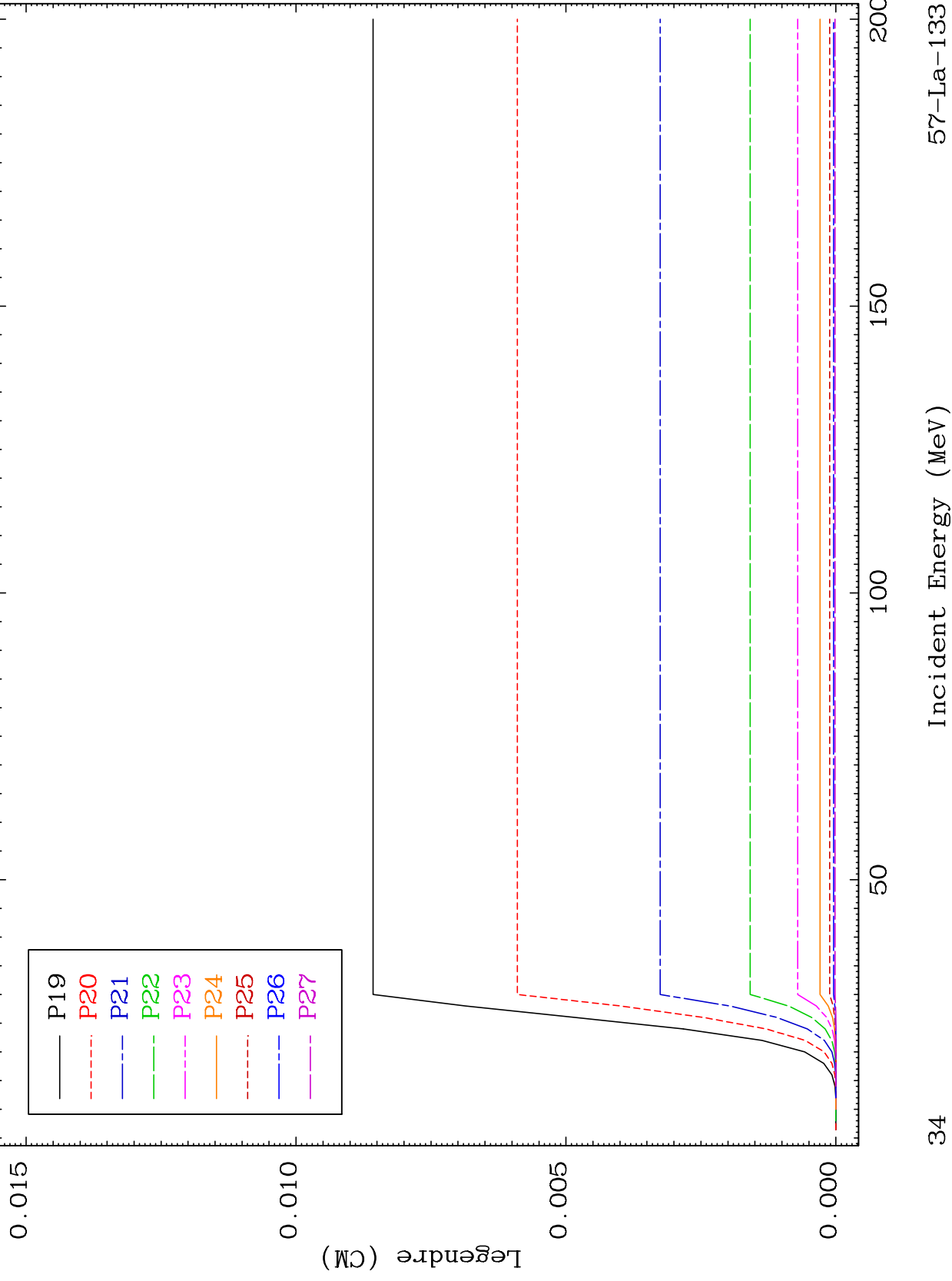
Incident Energy (MeV)

32

MAT 5710

174.1 keV (n,n') Level
Legendre Coefficients

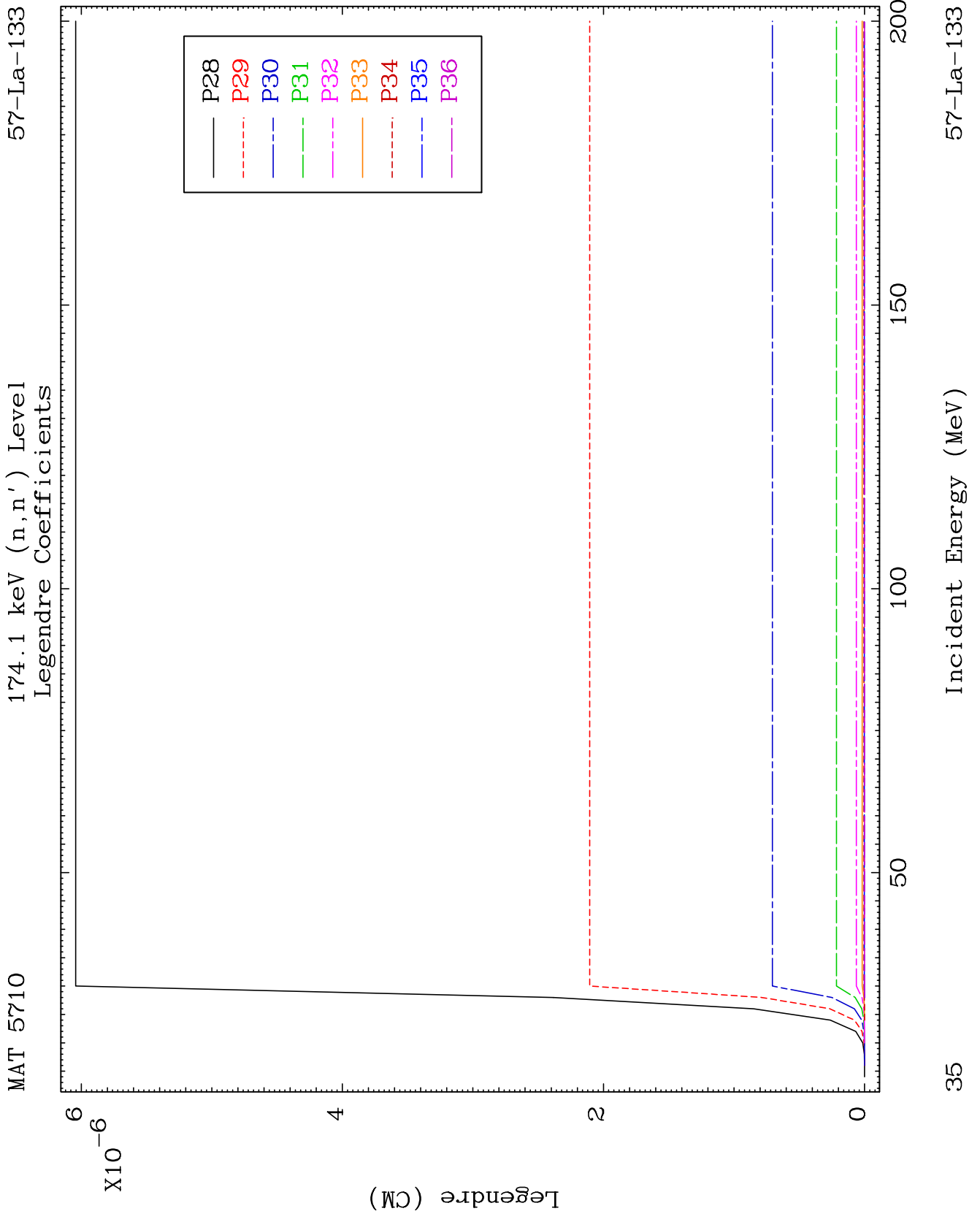
57-La-133

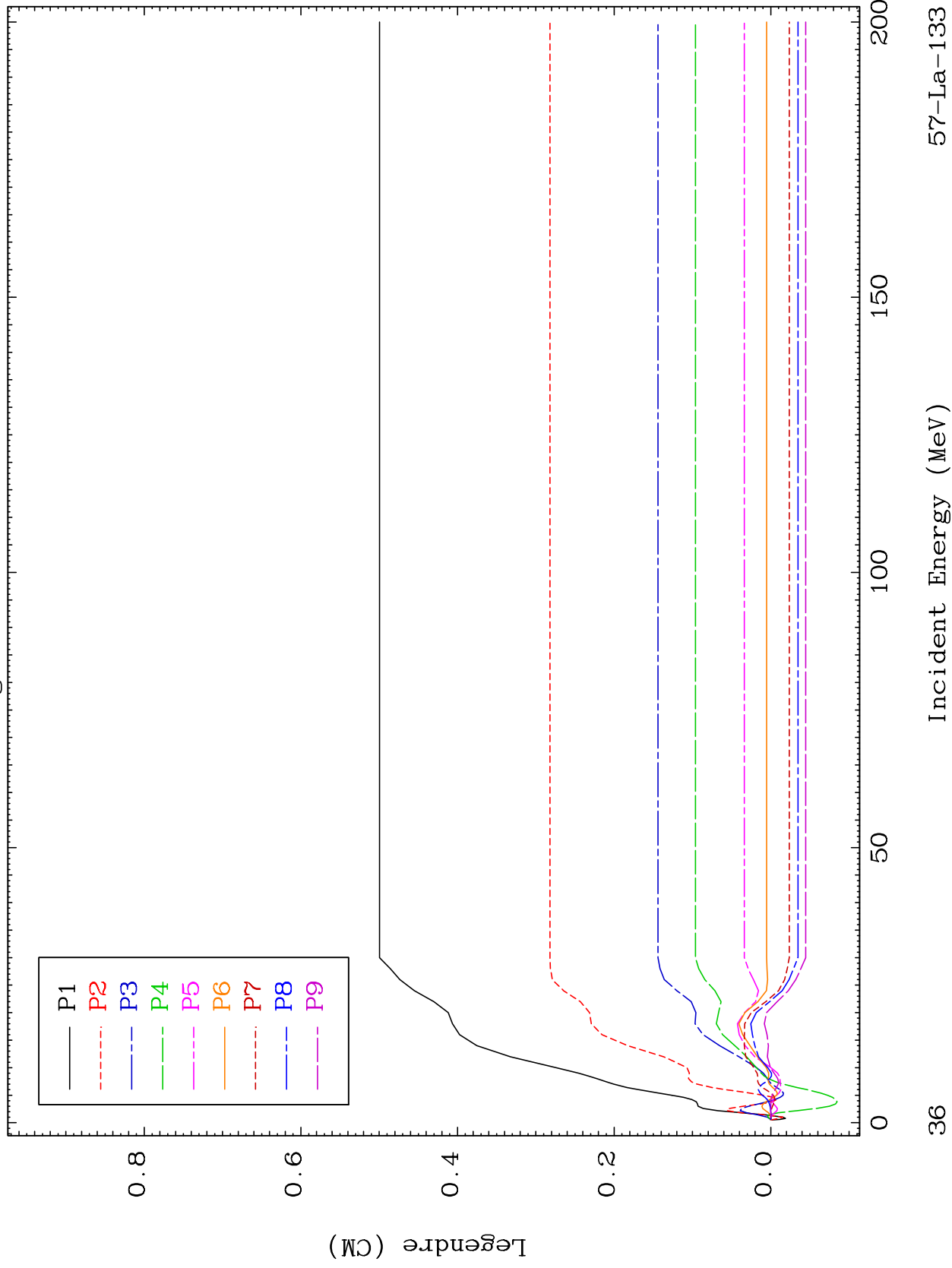


34

Incident Energy (MeV)

57-La-133

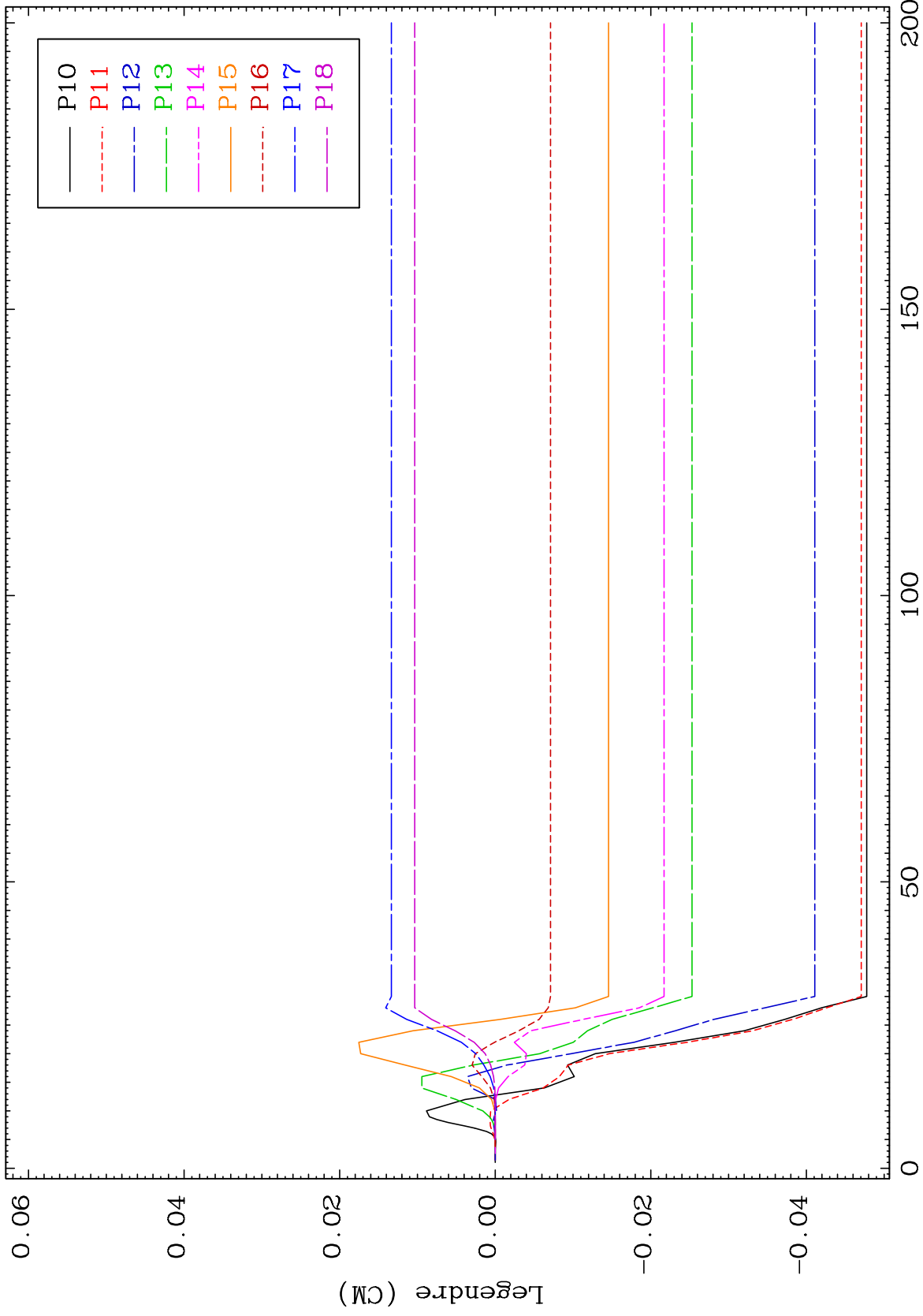




MAT 5710

477.2 keV (n,n') Level
Legendre Coefficients

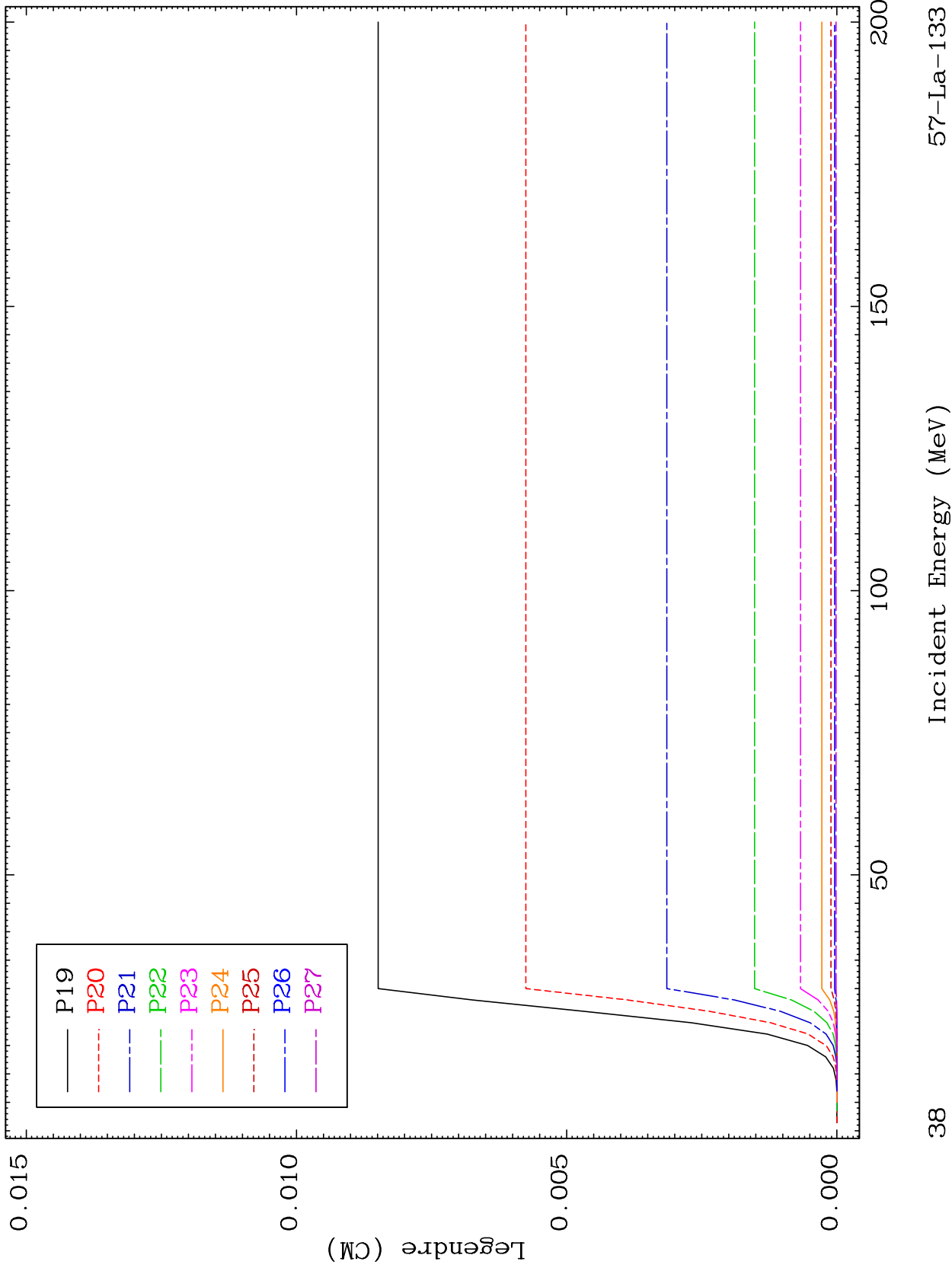
57-La-133



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Incident Energy (MeV)

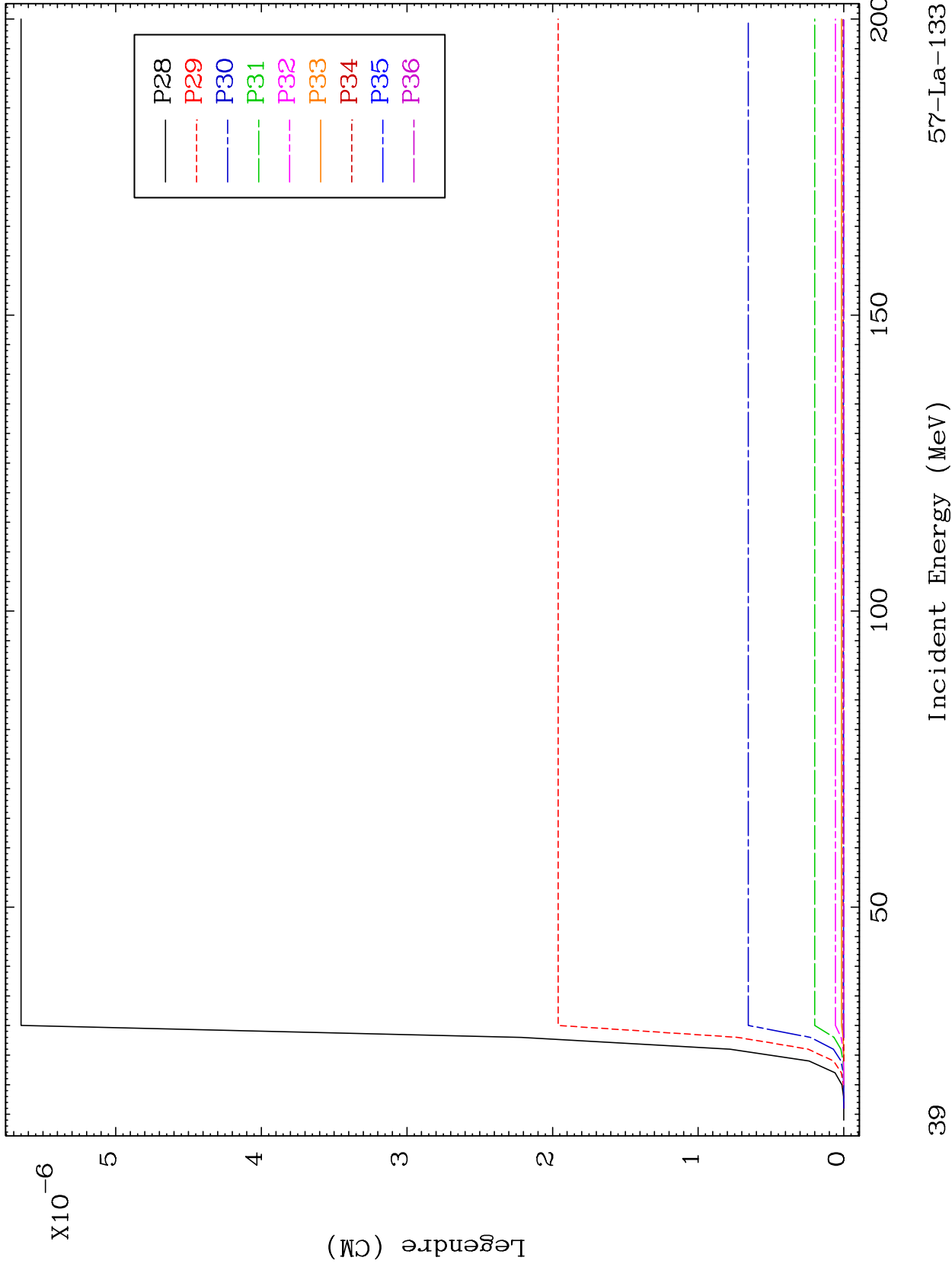
57-La-133



MAT 5710

477.2 keV (n,n') Level
Legendre Coefficients

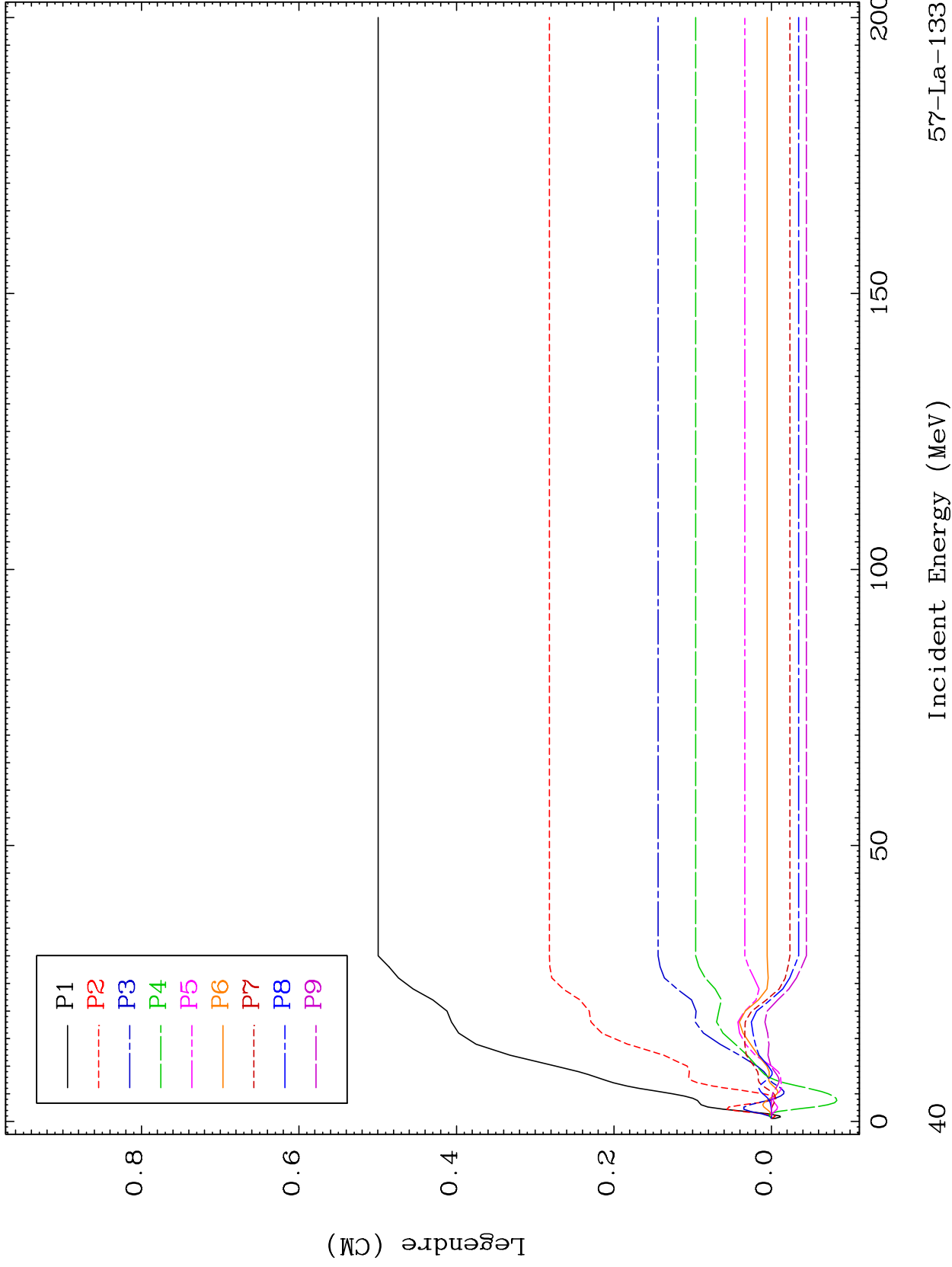
57-La-133



MAT 5710

495.0 keV (n,n') Level
Legendre Coefficients

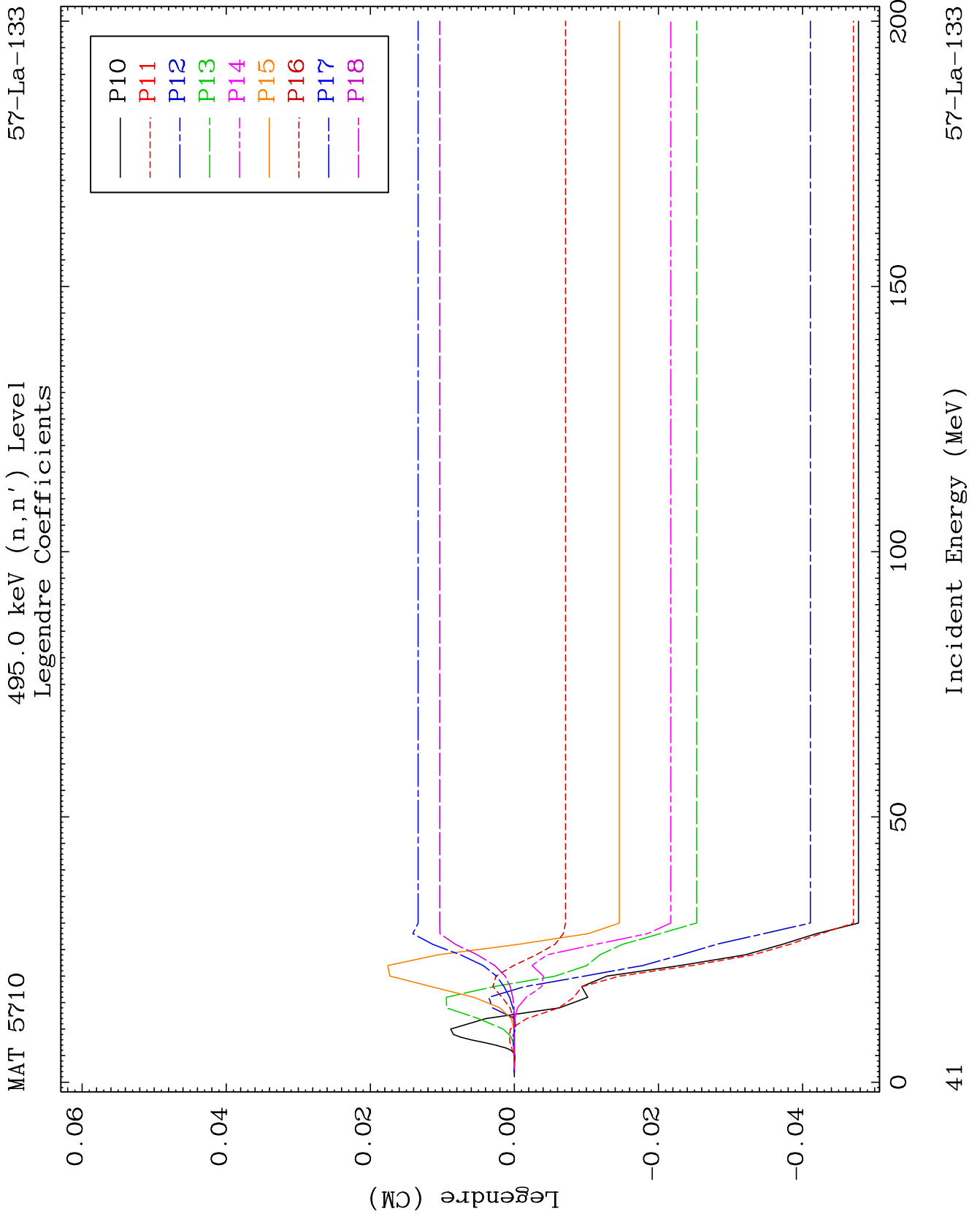
57-La-133



57-La-133

Incident Energy (MeV)

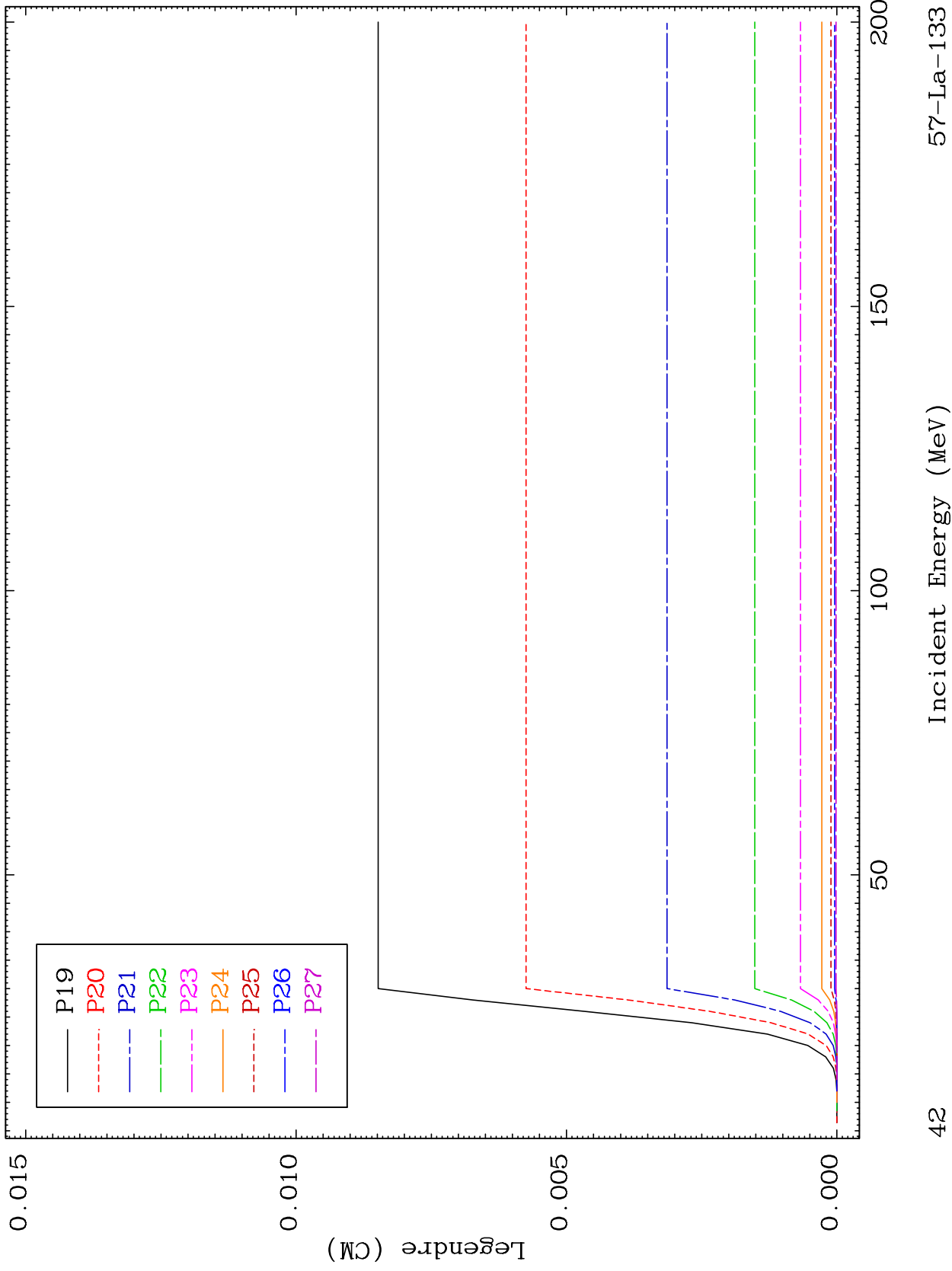
40



MAT 5710

495.0 keV (n,n') Level
Legendre Coefficients

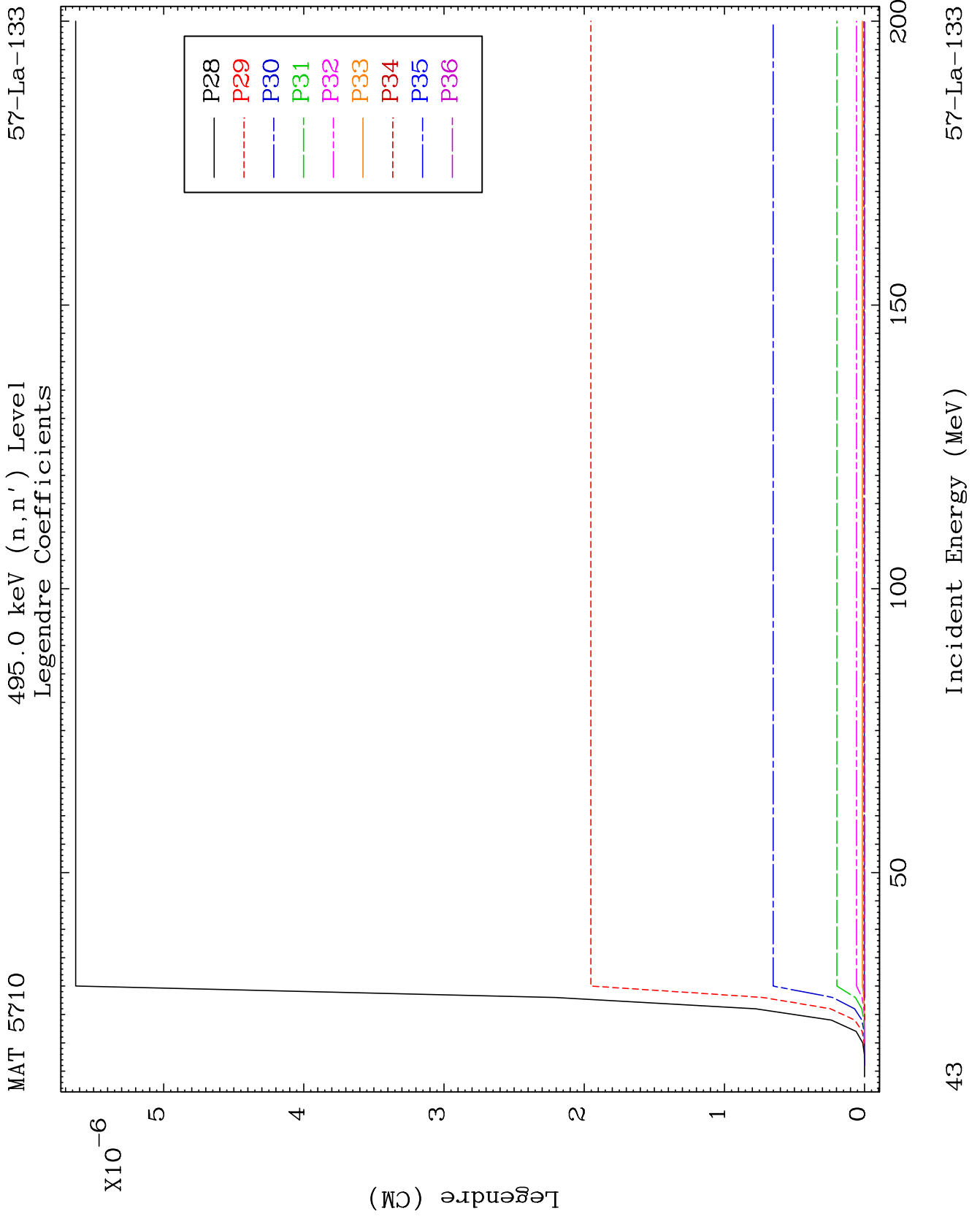
57-La-133



42

Incident Energy (MeV)

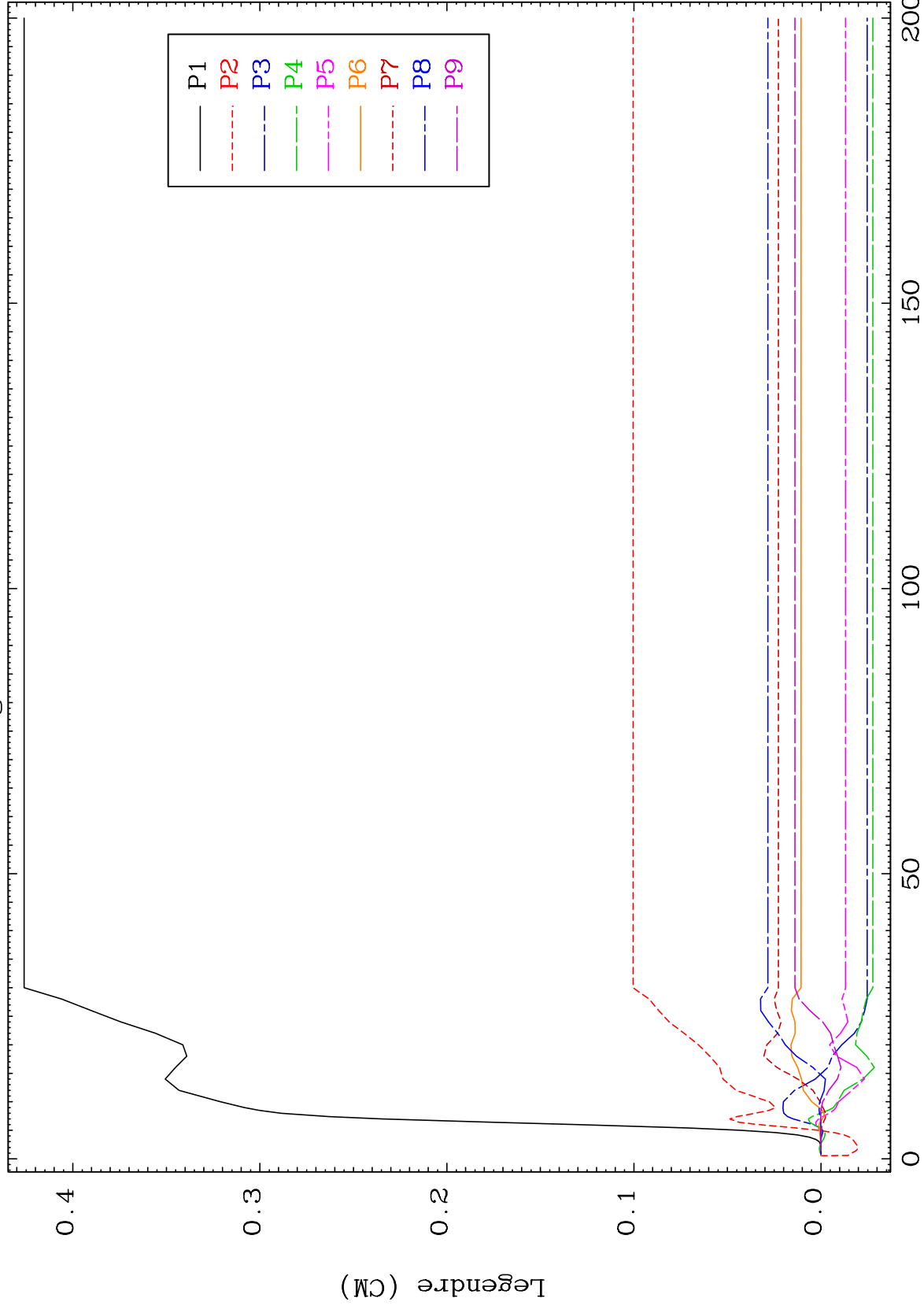
57-La-133



MAT 5710

535.6 keV (n,n') Level
Legendre Coefficients

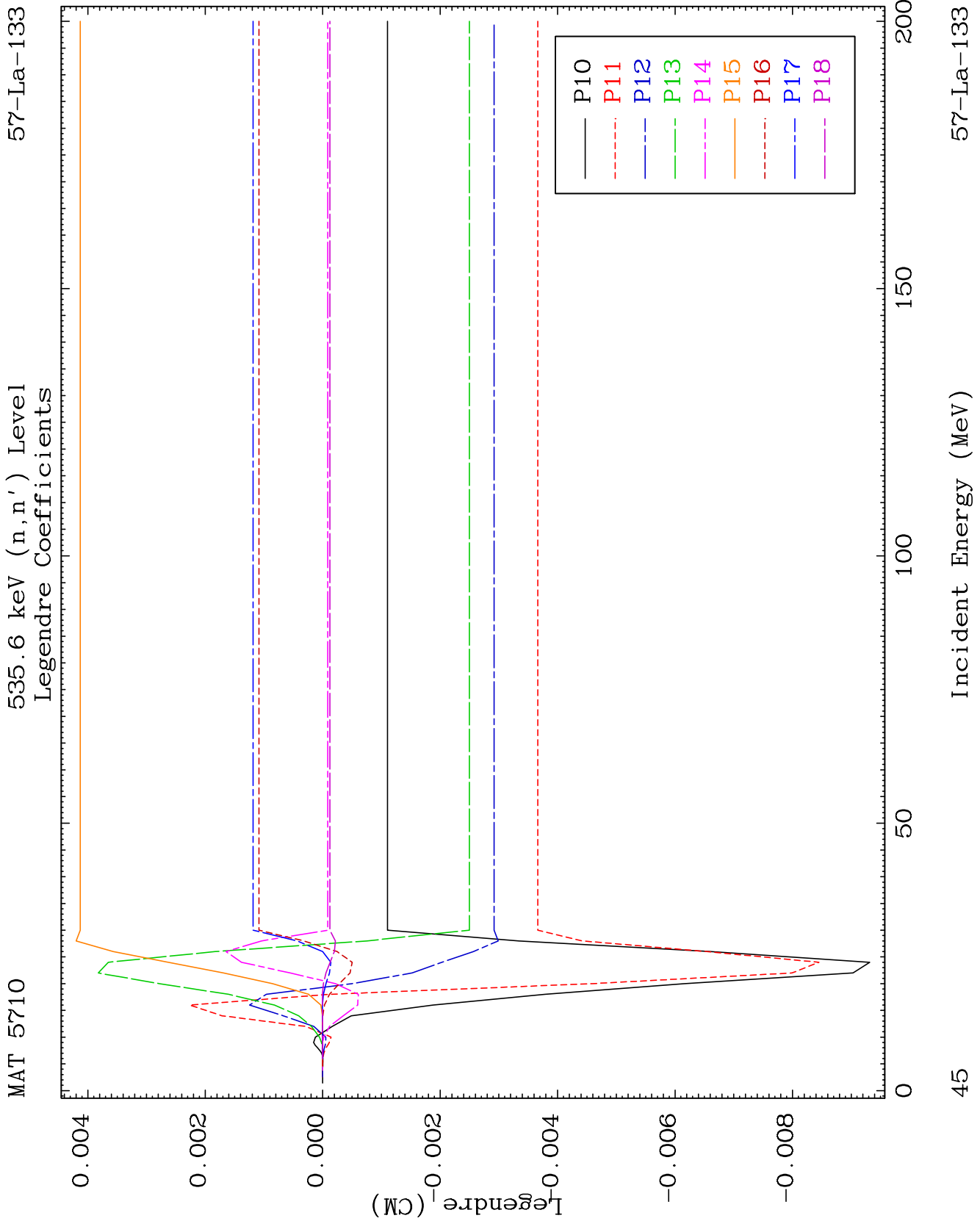
57-La-133

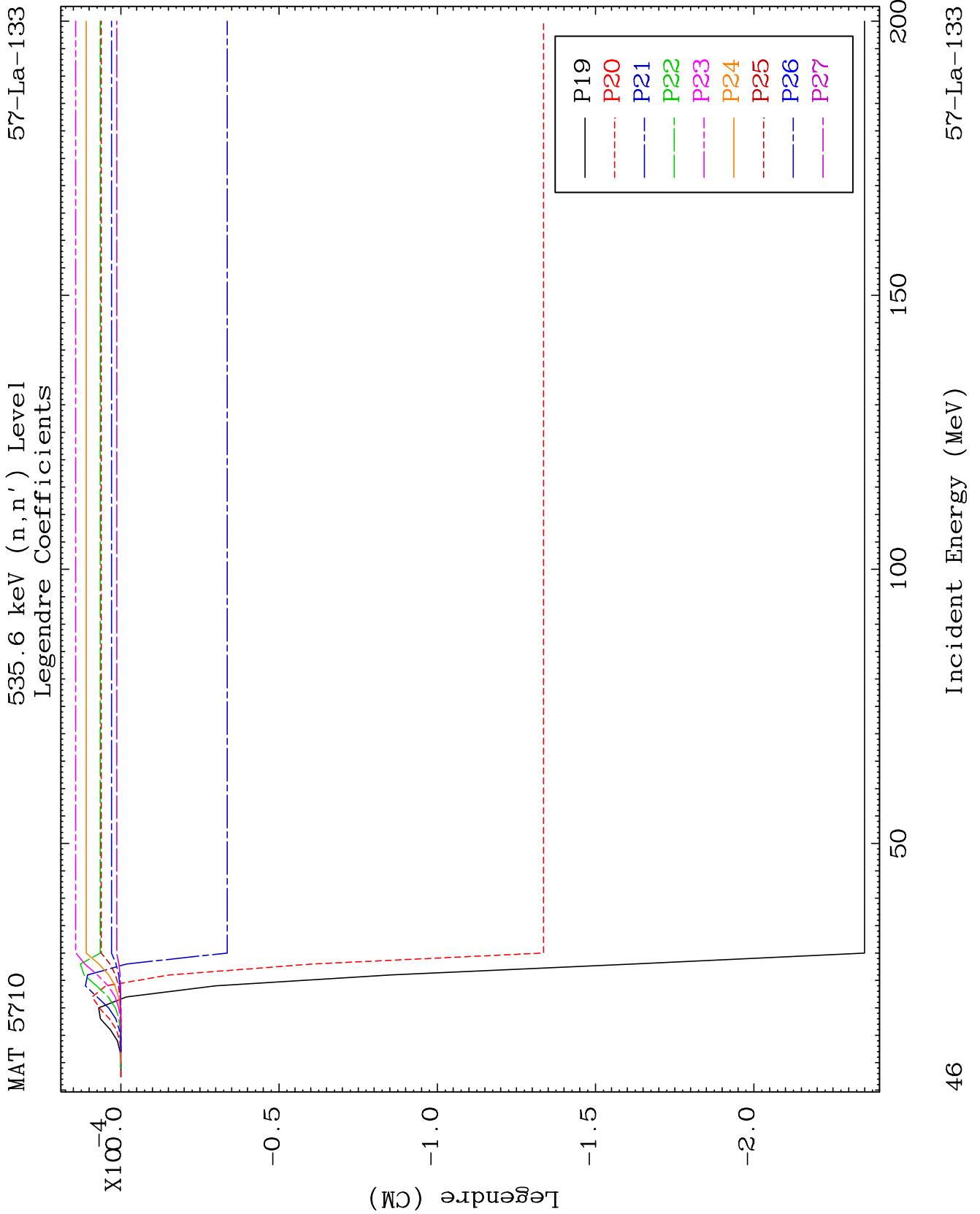


44

Incident Energy (MeV)

57-La-133

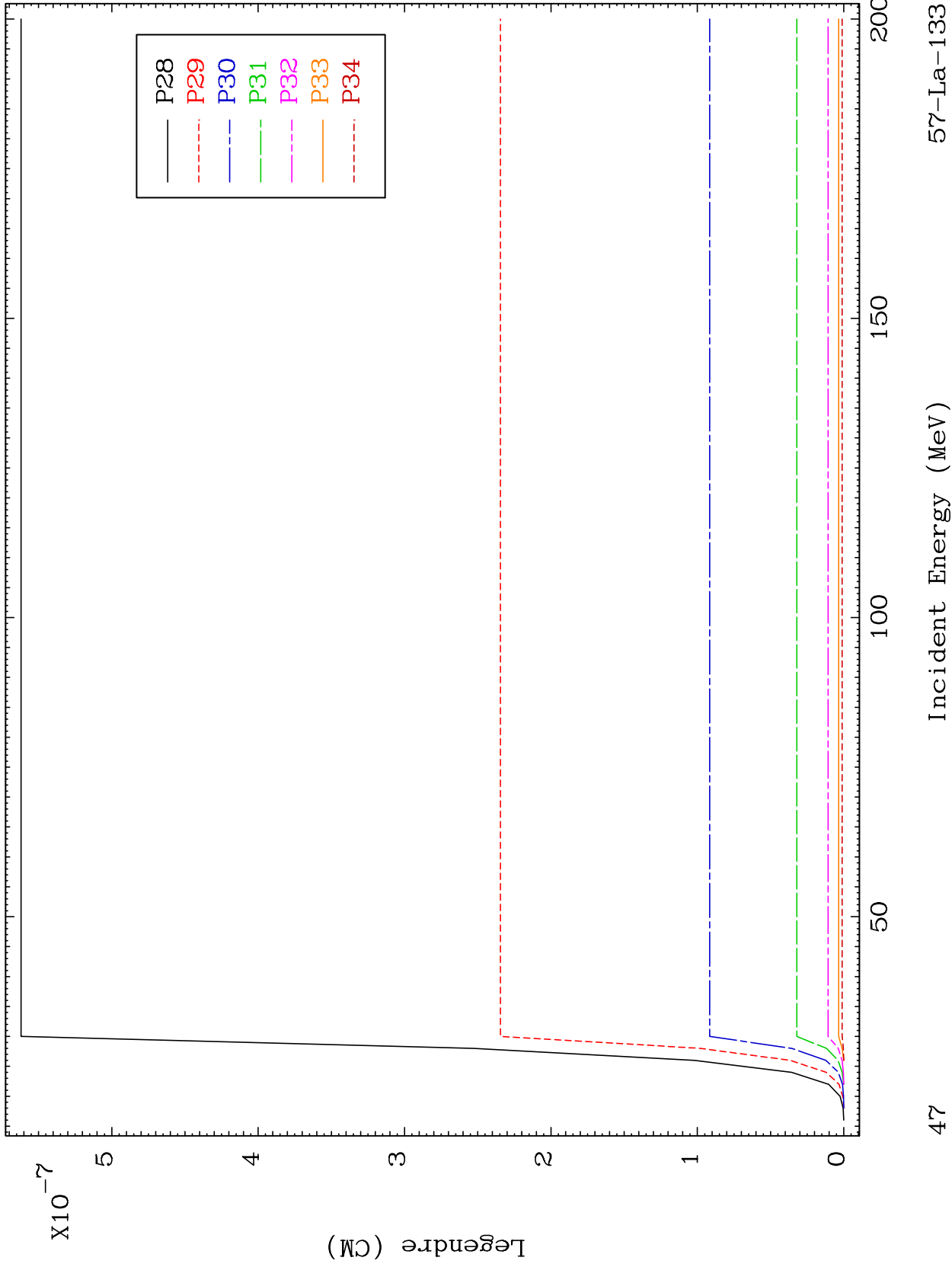




MAT 5710

535.6 keV (n,n') Level
Legendre Coefficients

57-La-133



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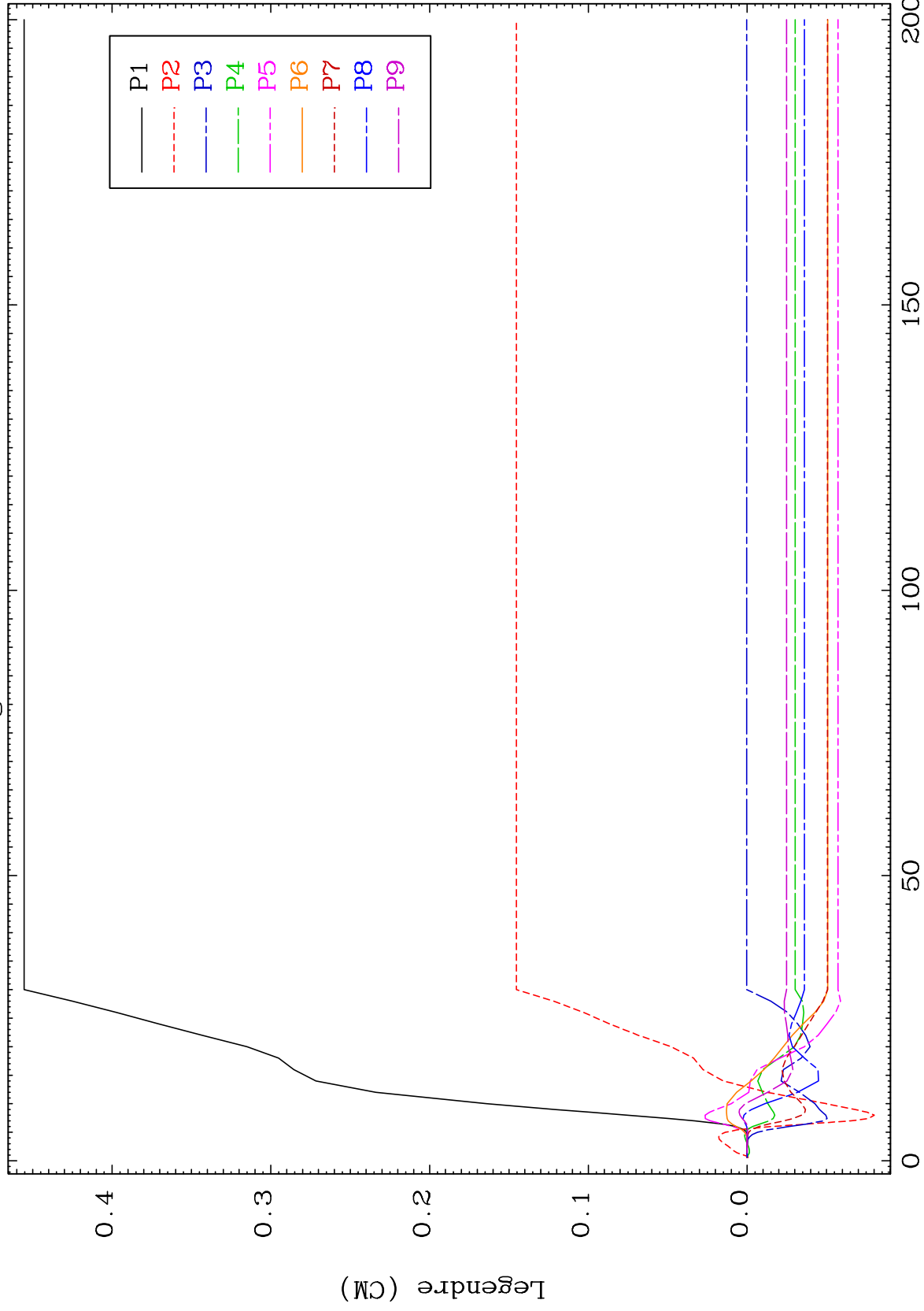
Incident Energy (MeV)

57-La-133

MAT 5710

541.2 keV (n,n') Level
Legendre Coefficients

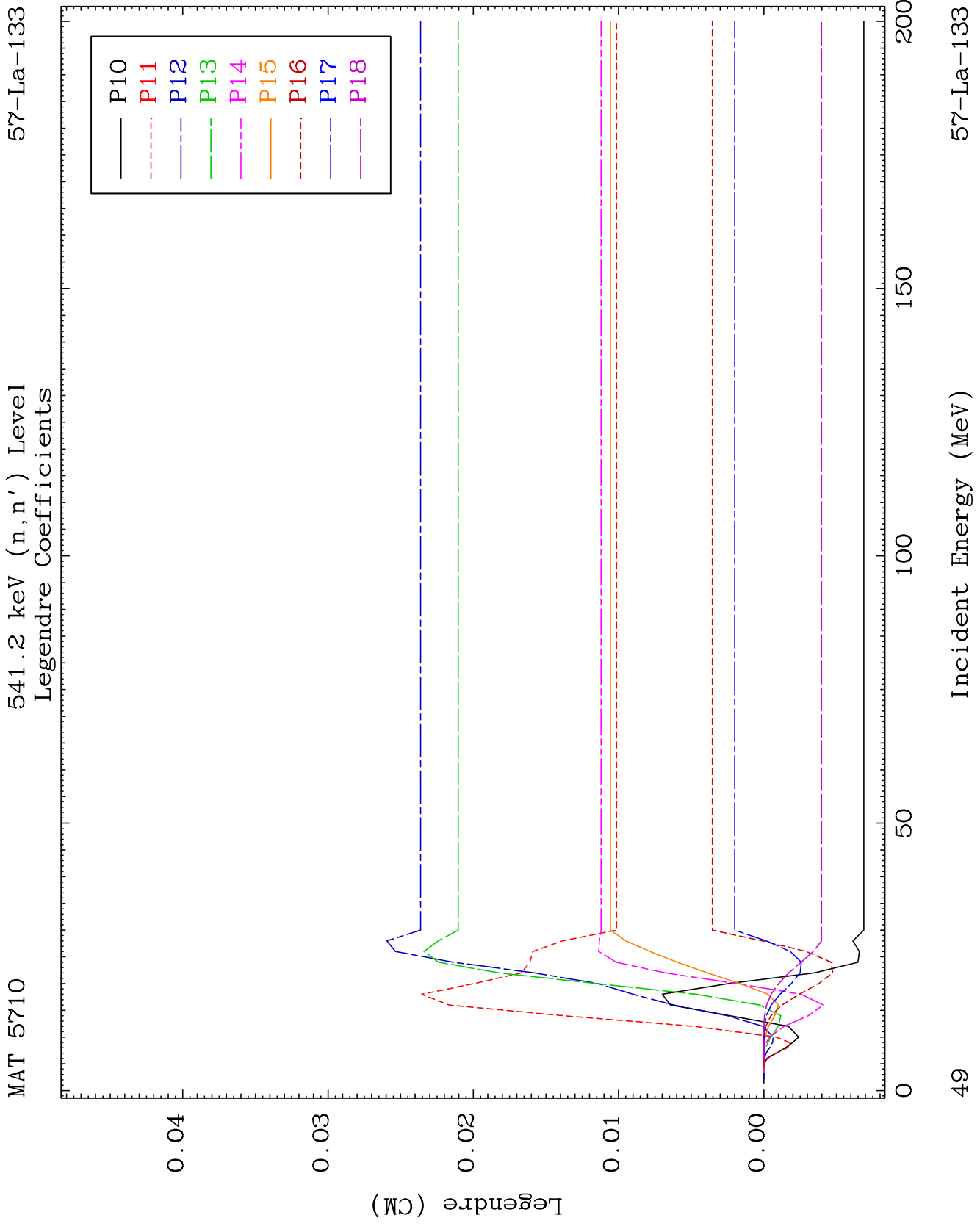
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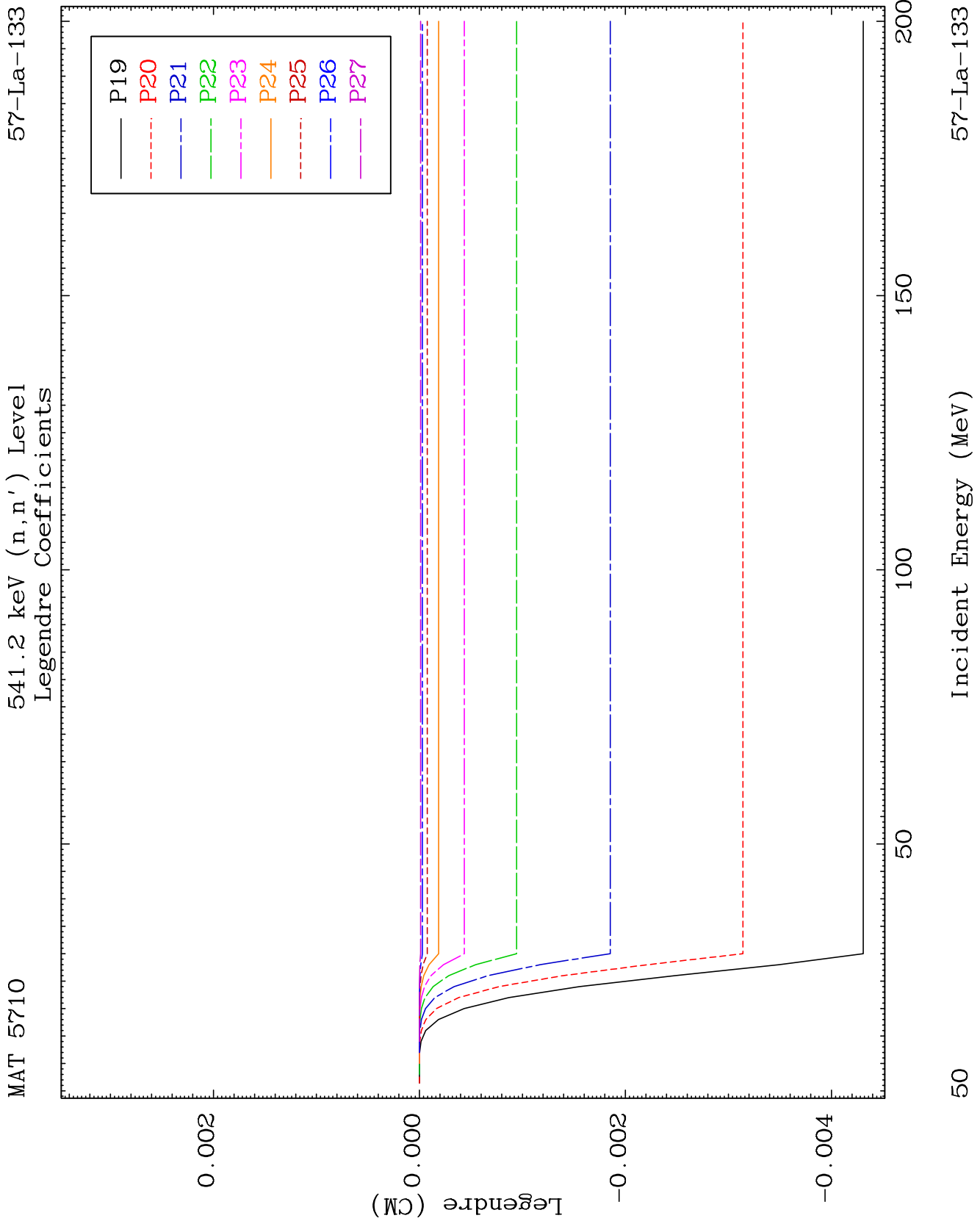


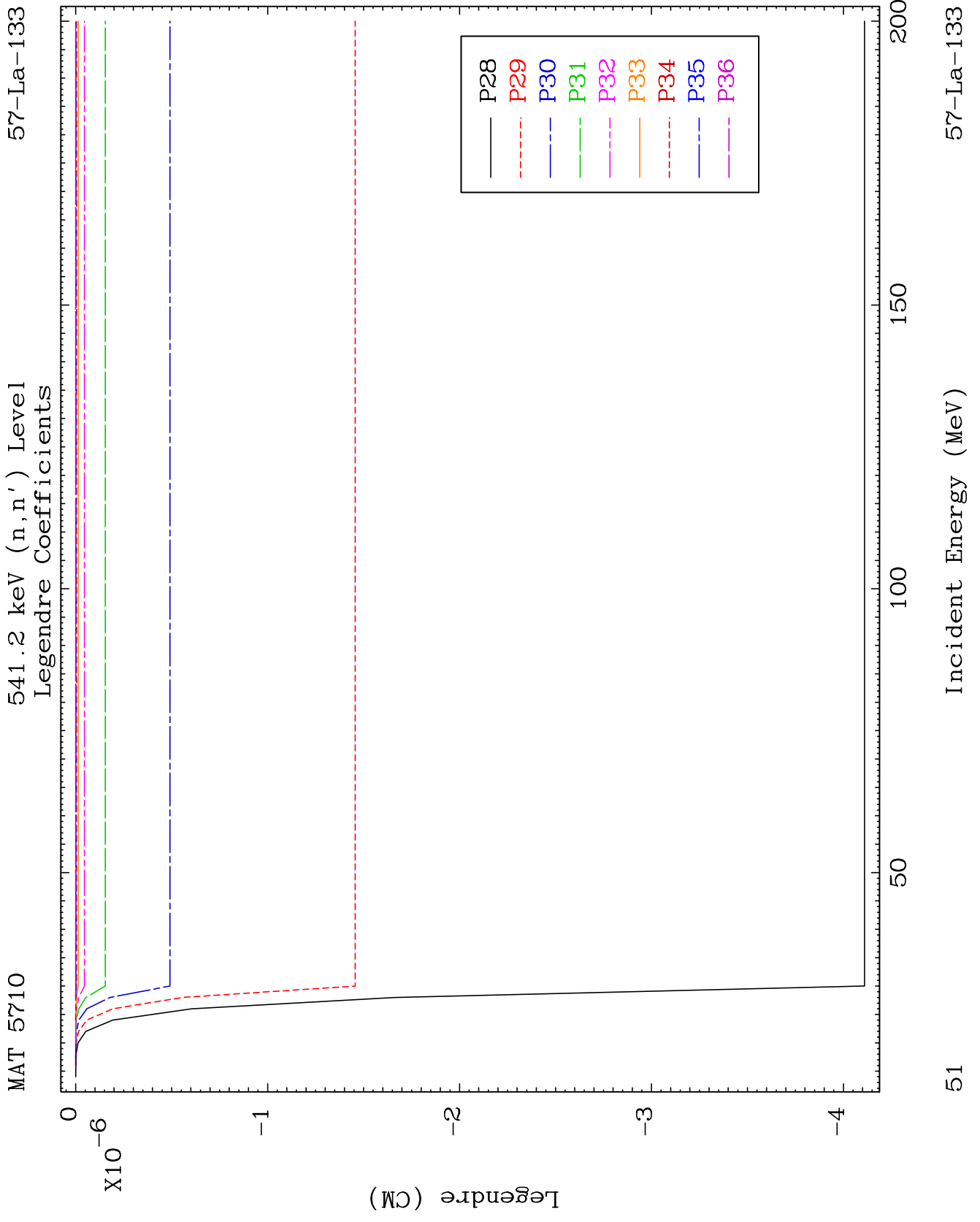
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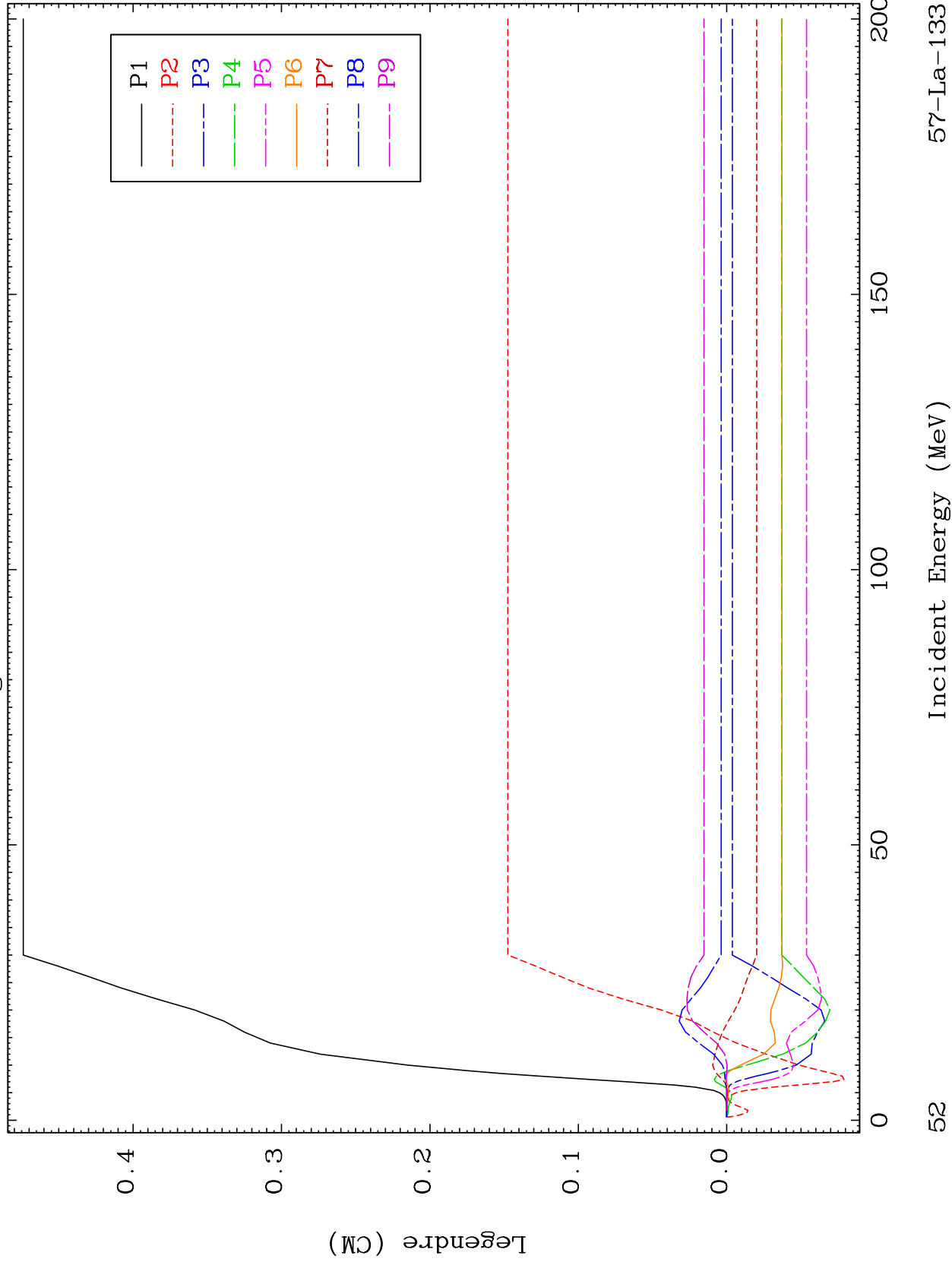
Incident Energy (MeV)

57-La-133





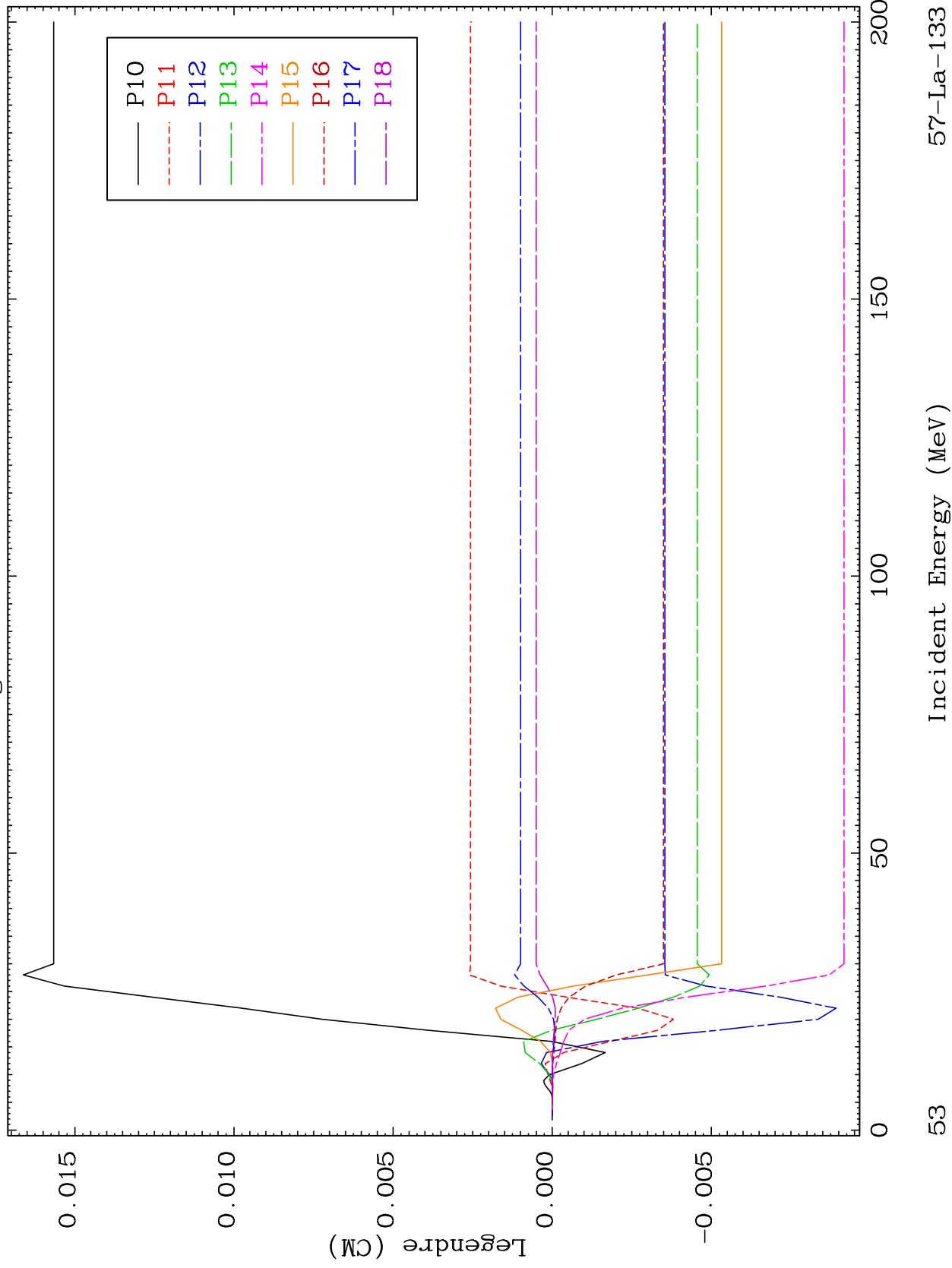




MAT 5710

563.3 keV (n,n') Level
Legendre Coefficients

57-La-133



53

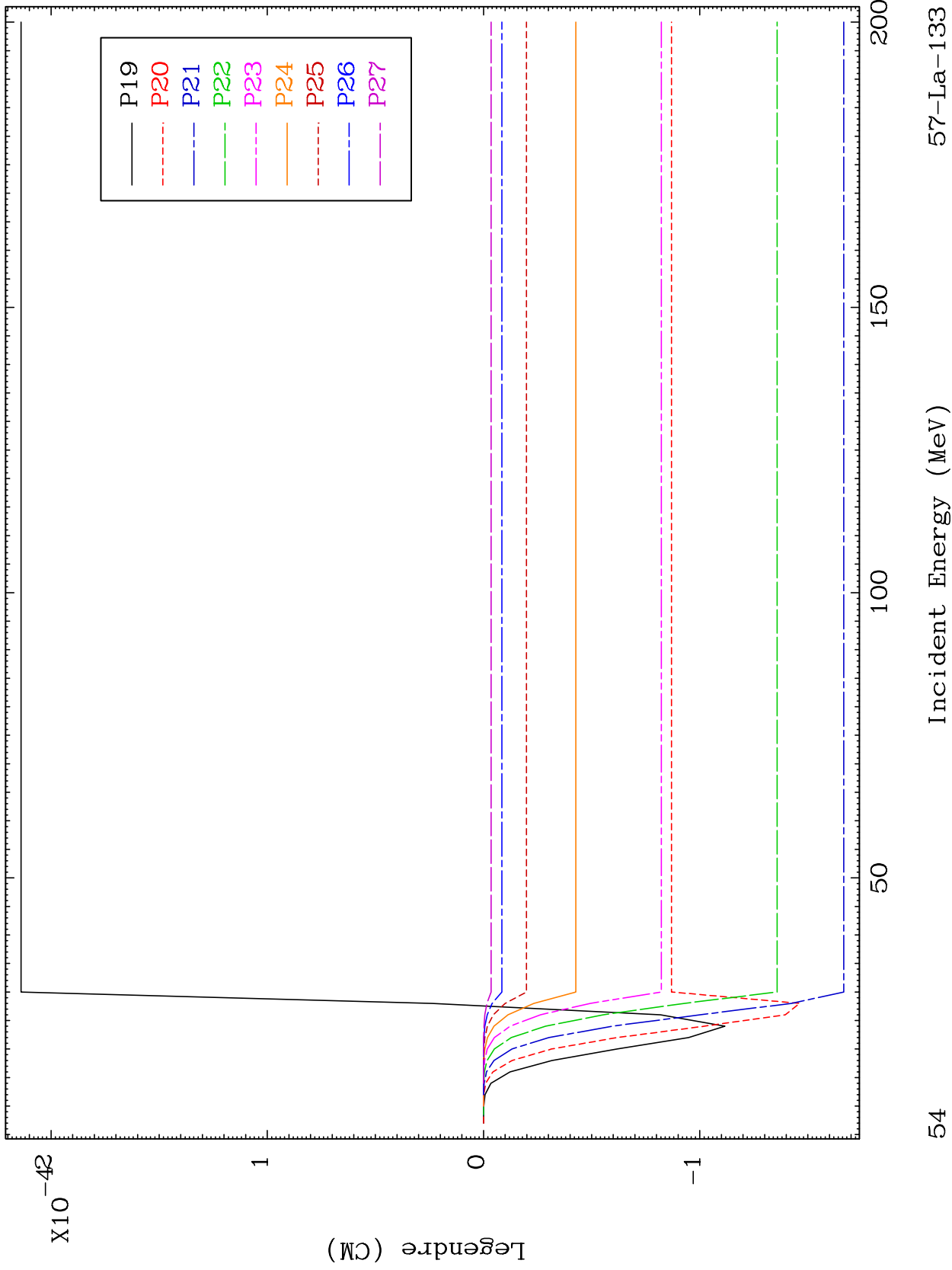
Incident Energy (MeV)

57-La-133

MAT 5710

563.3 keV (n,n') Level
Legendre Coefficients

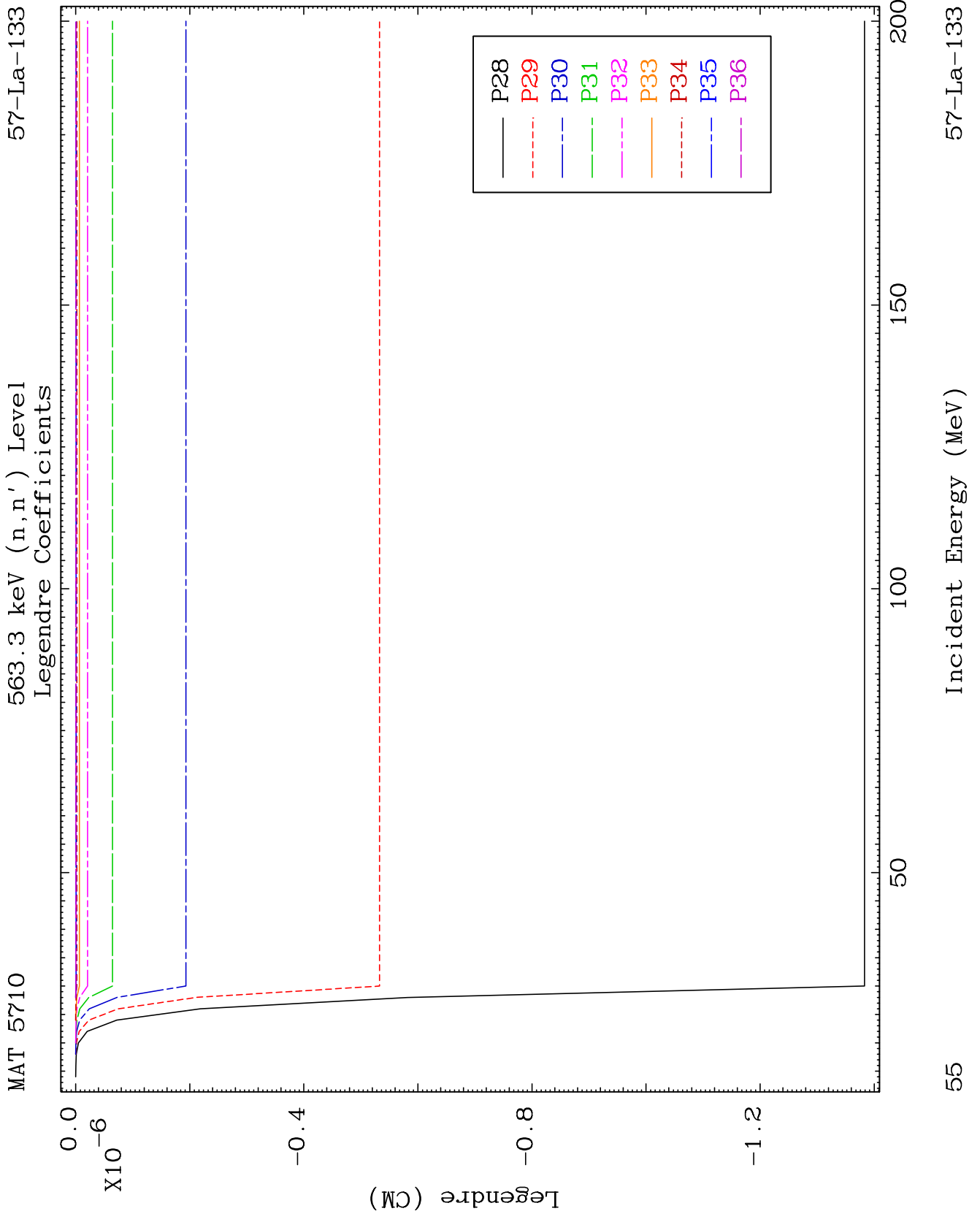
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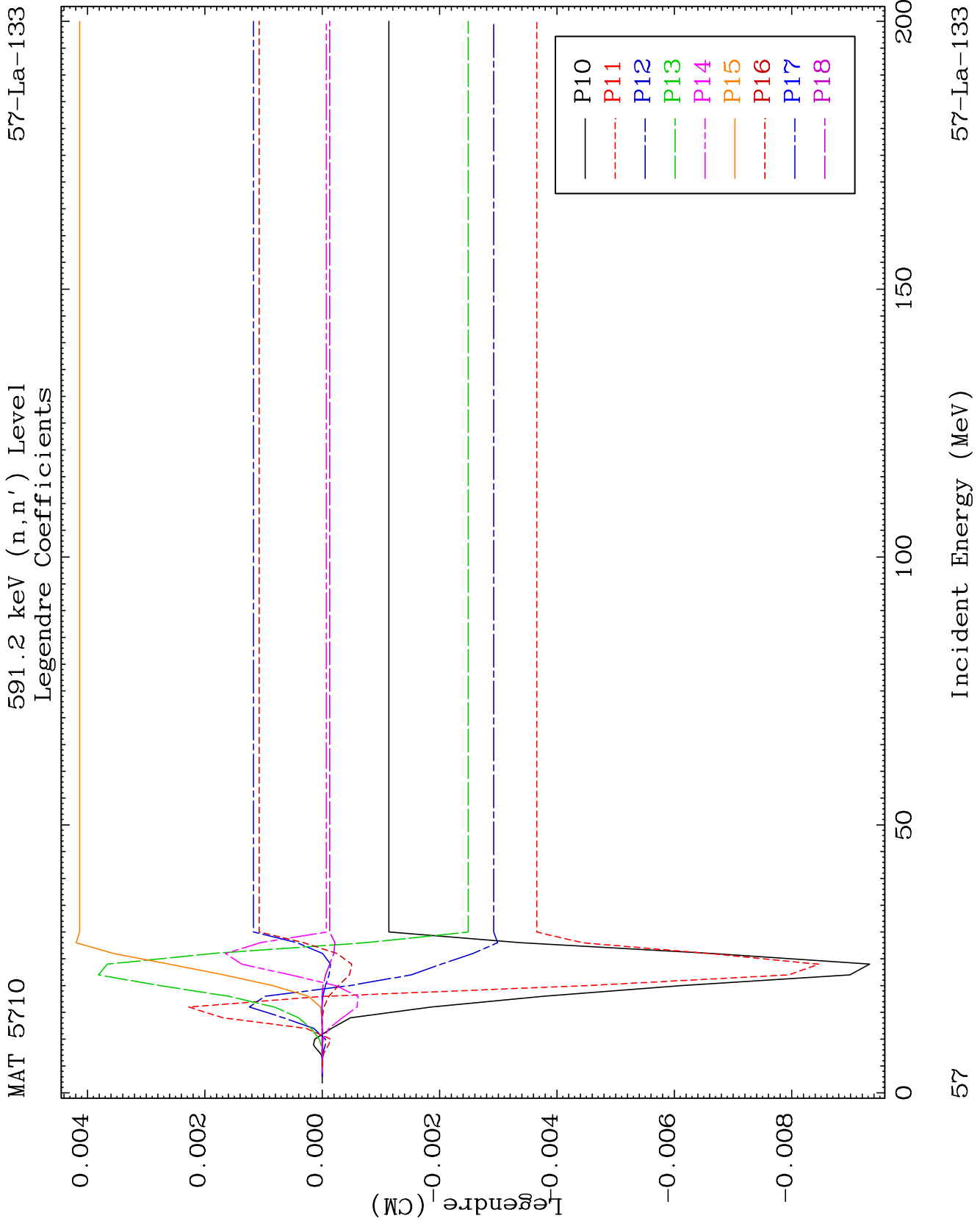


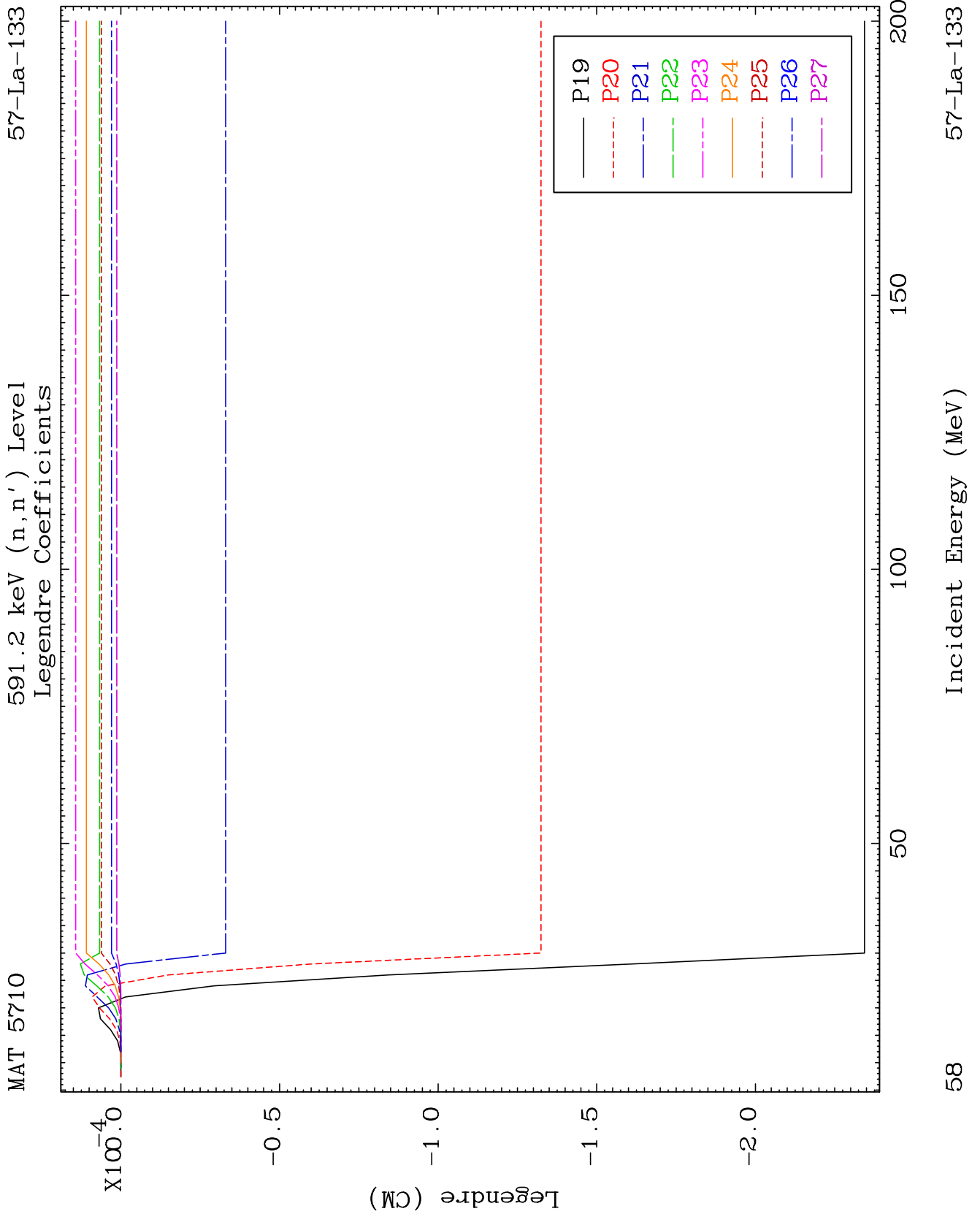
54

Incident Energy (MeV)

57-La-133



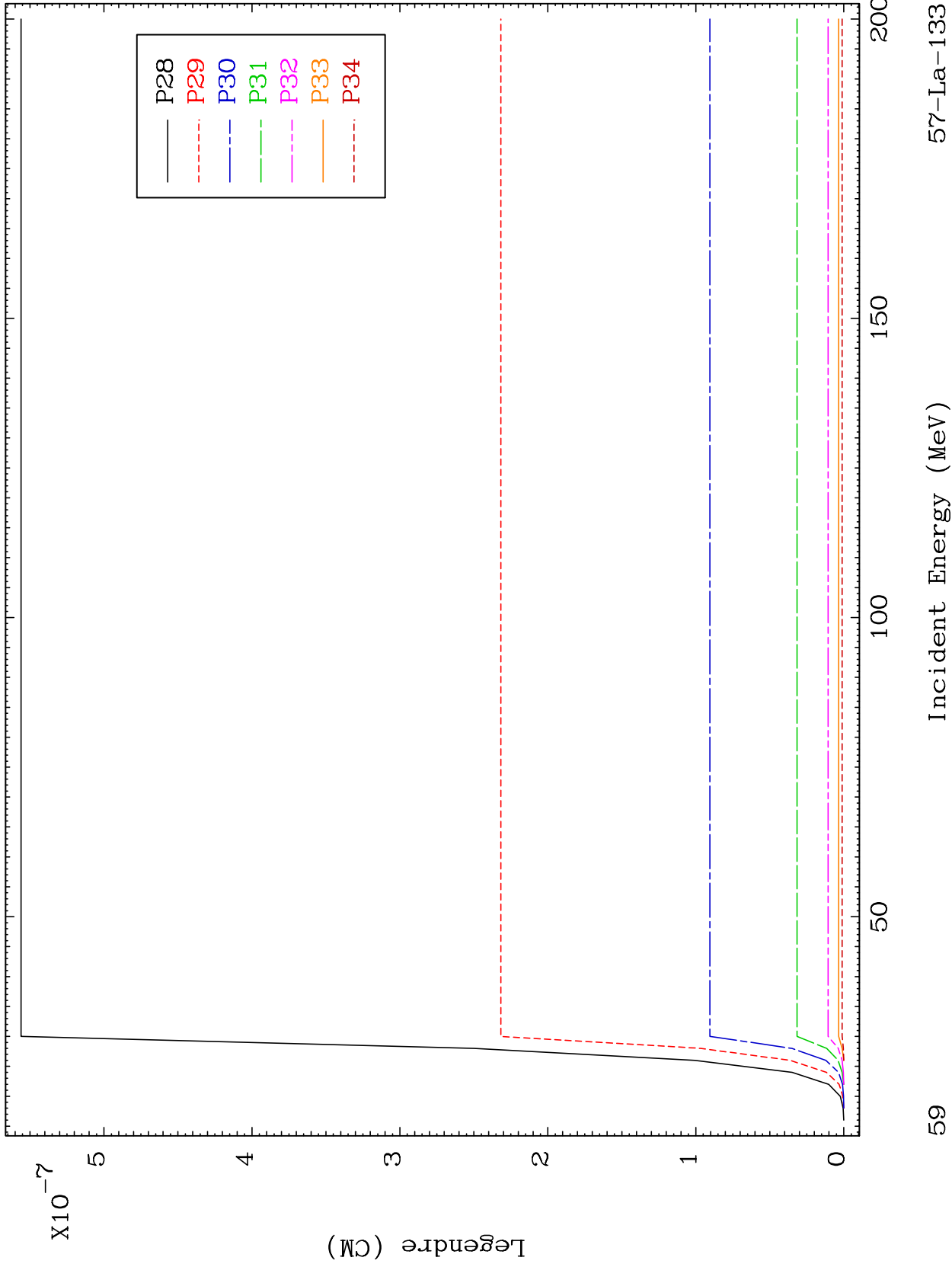




MAT 5710

591.2 keV (n,n') Level
Legendre Coefficients

57-La-133



59

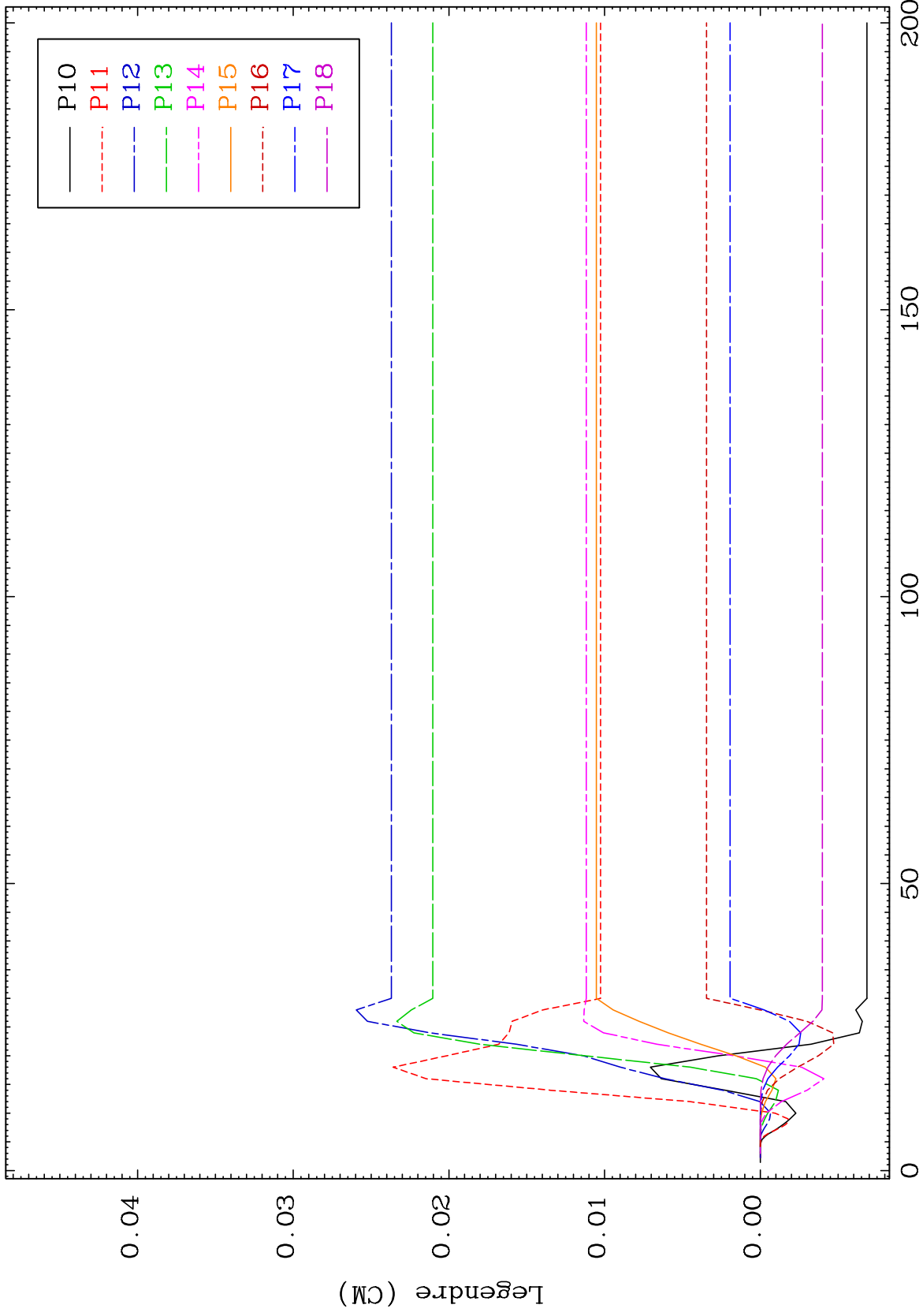
Incident Energy (MeV)

57-La-133

MAT 5710

654.6 keV (n,n') Level
Legendre Coefficients

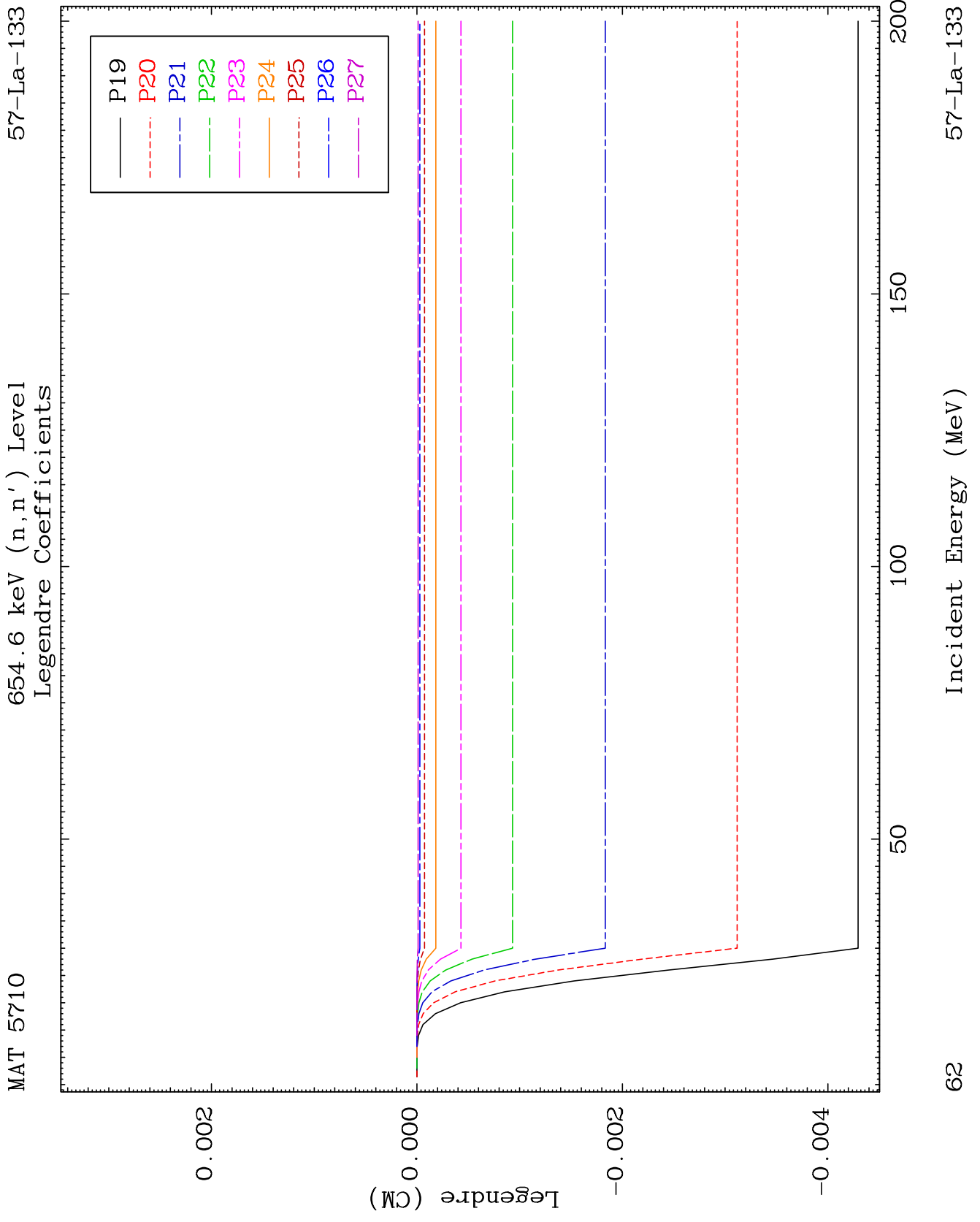
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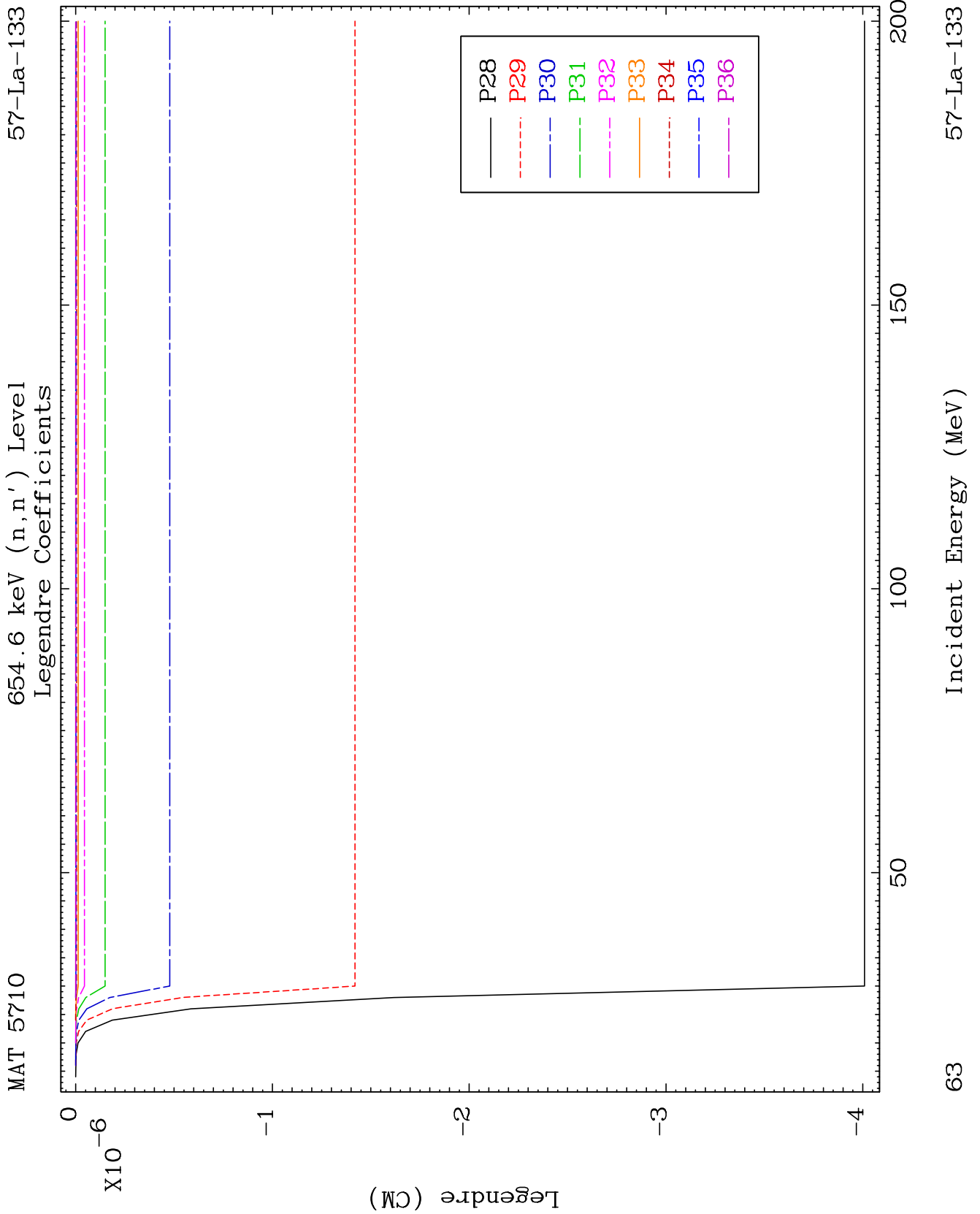


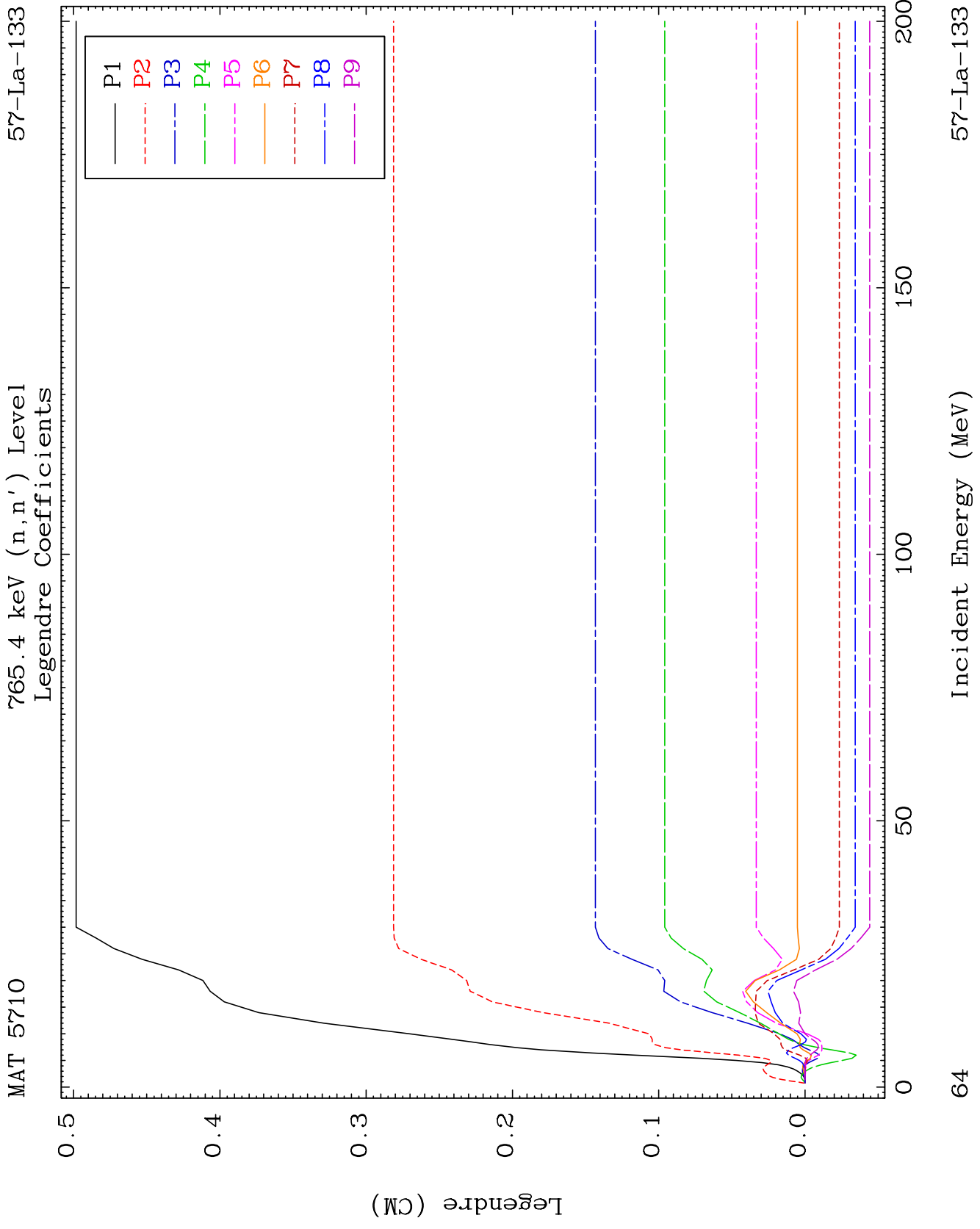
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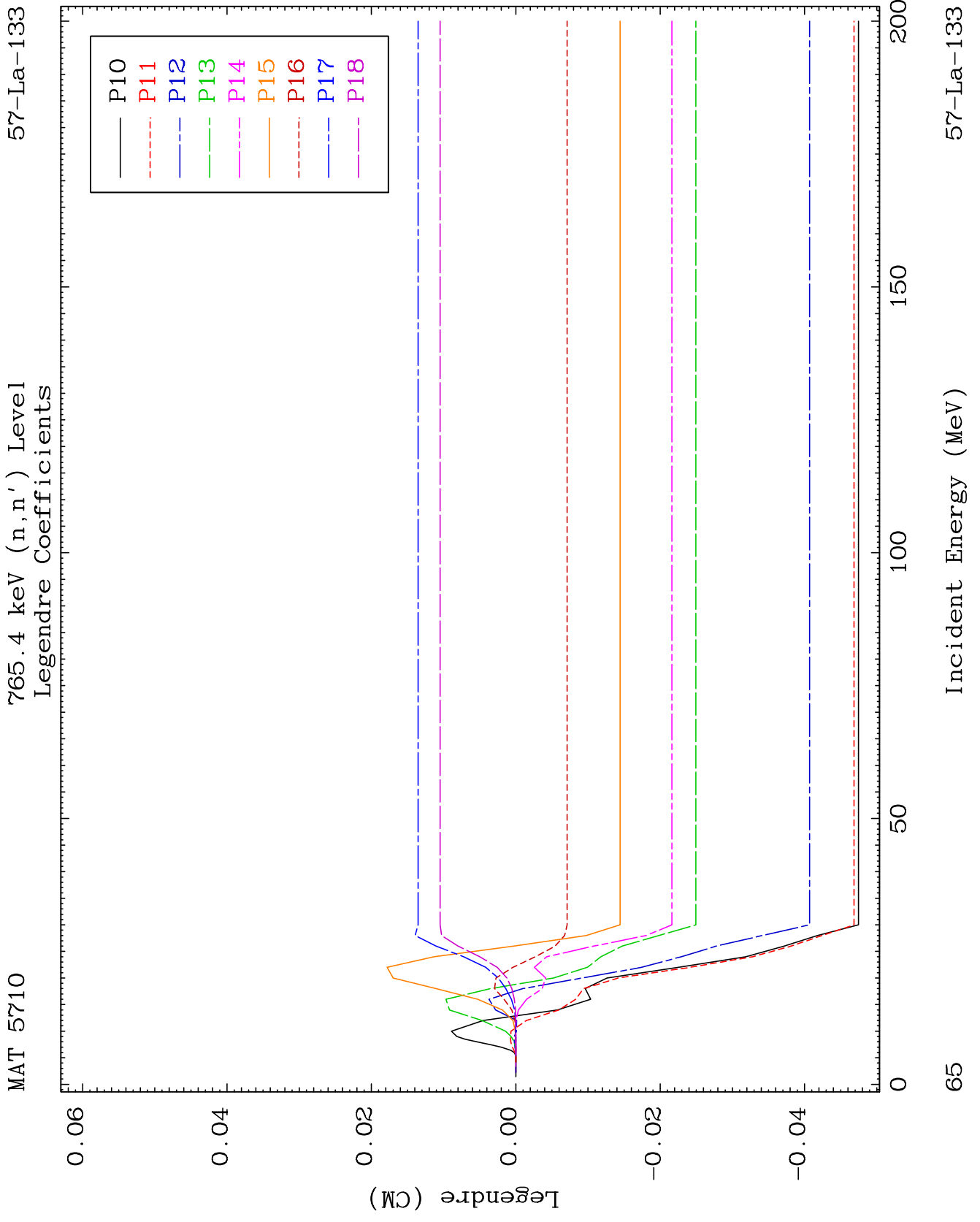
Incident Energy (MeV)

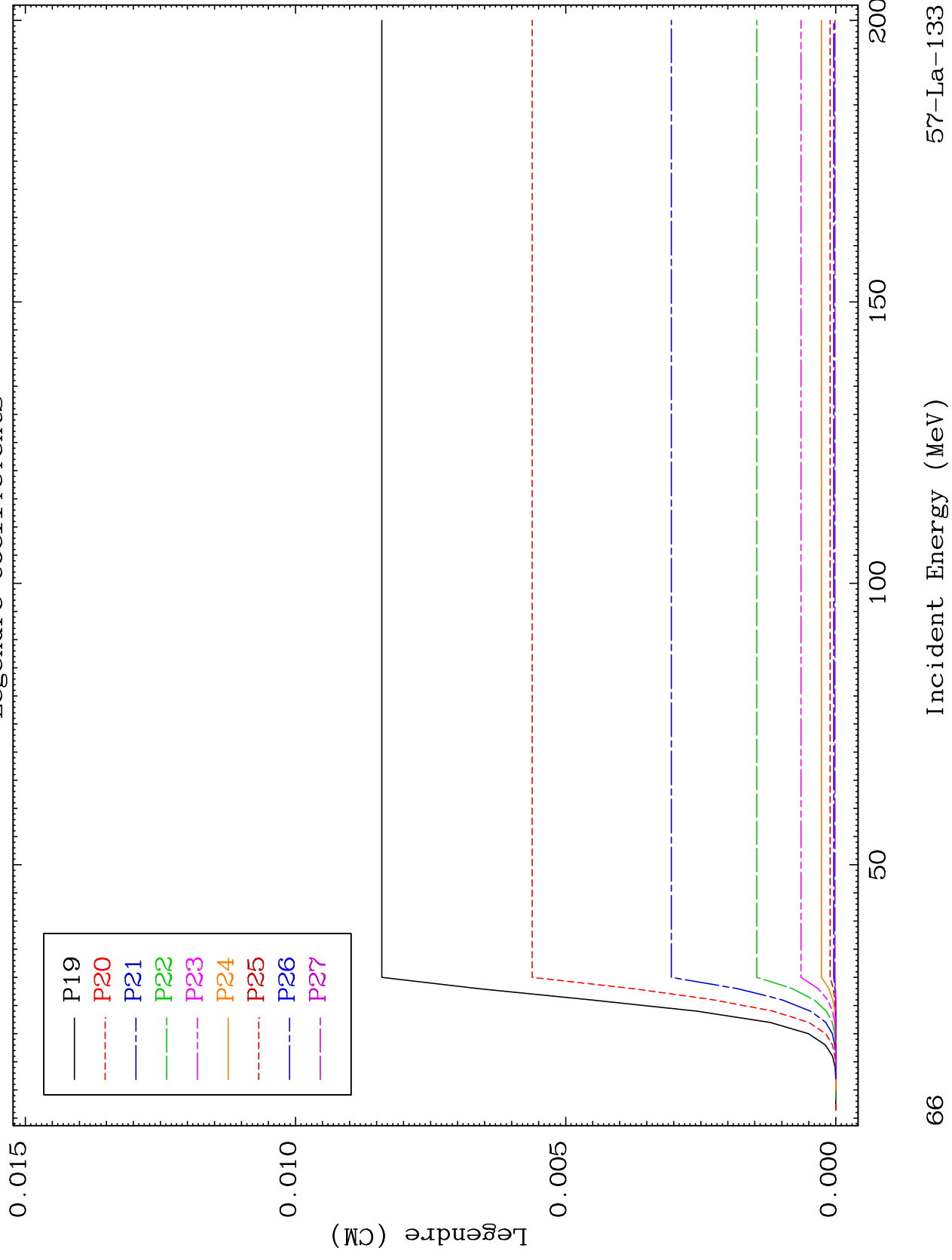
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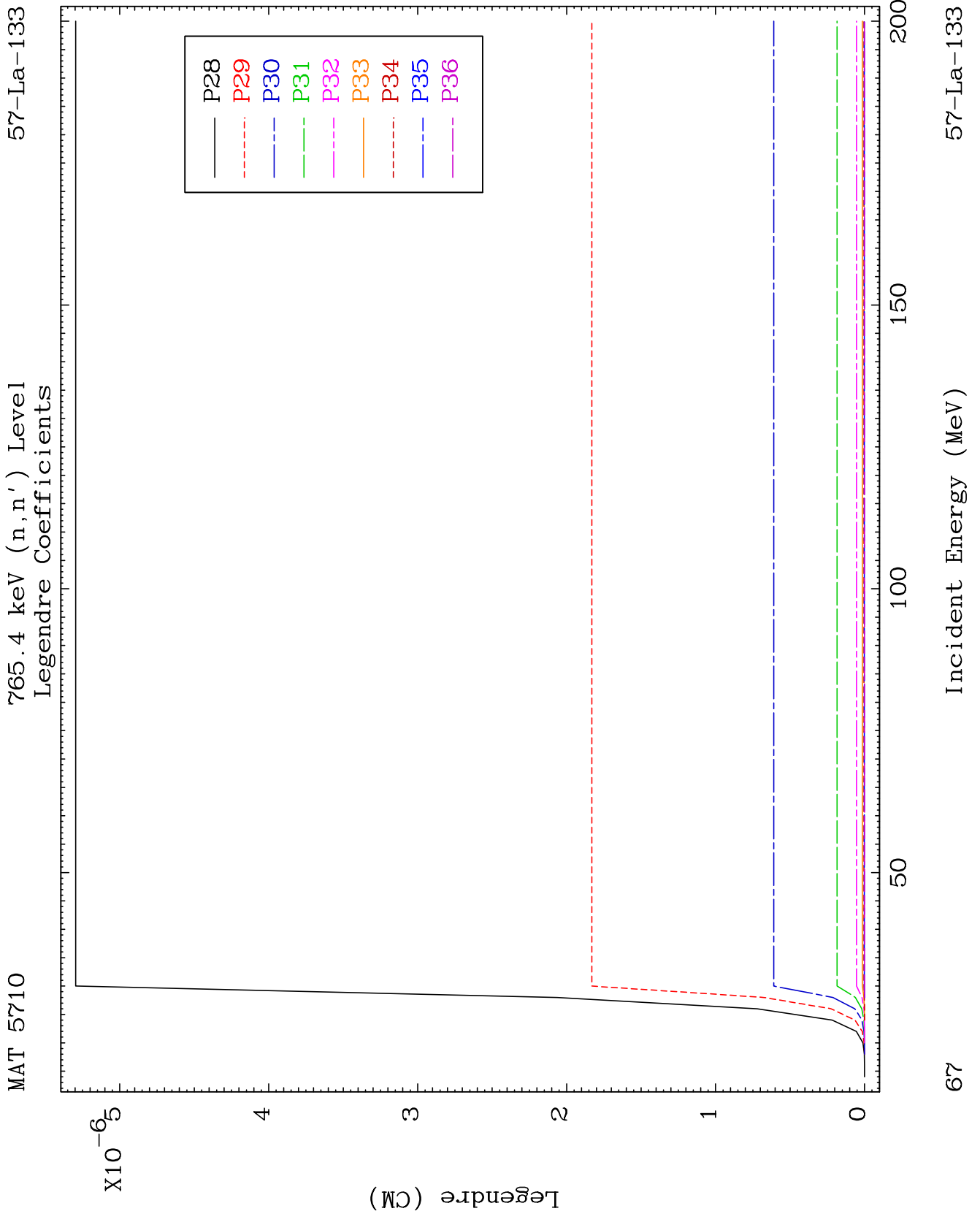


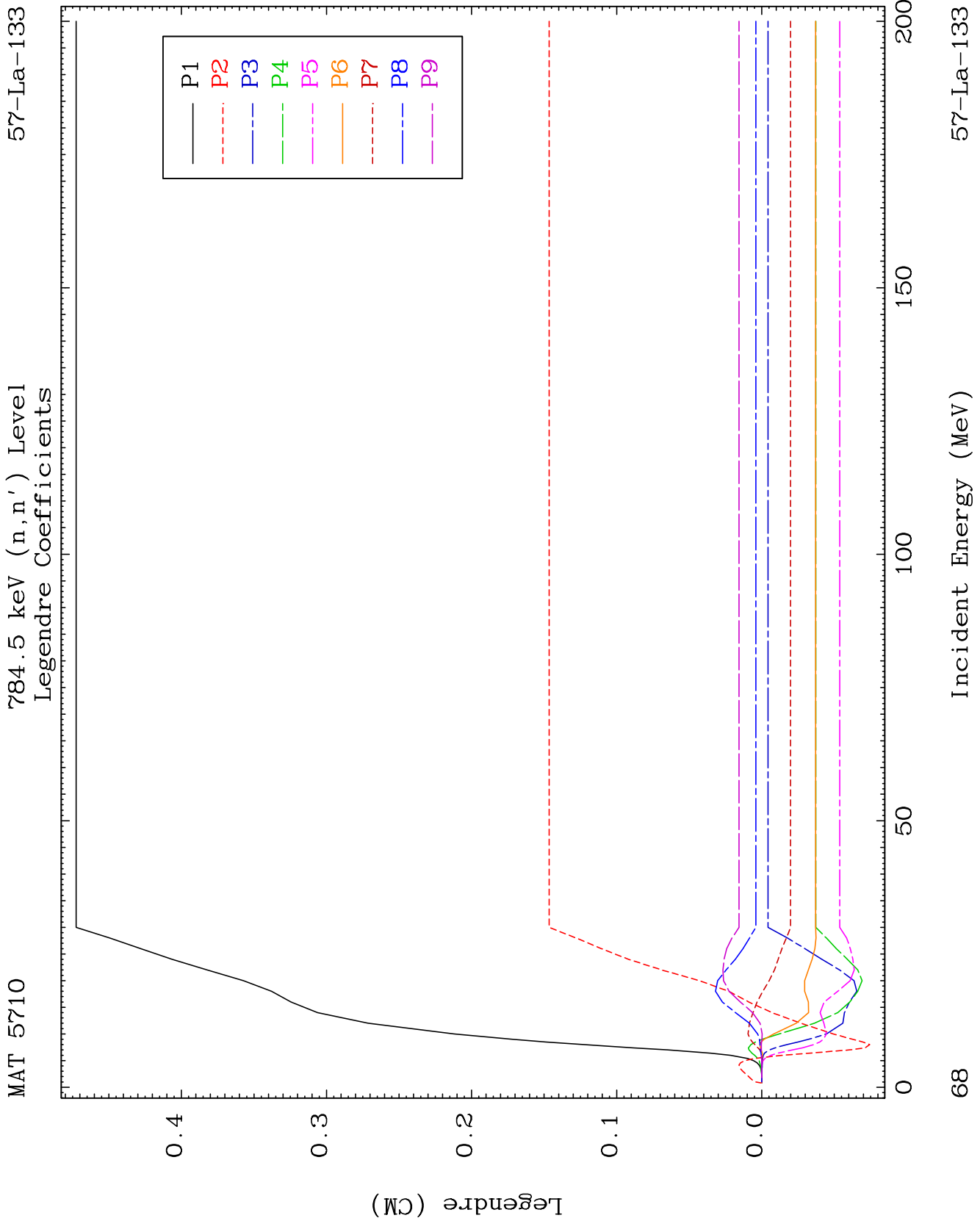








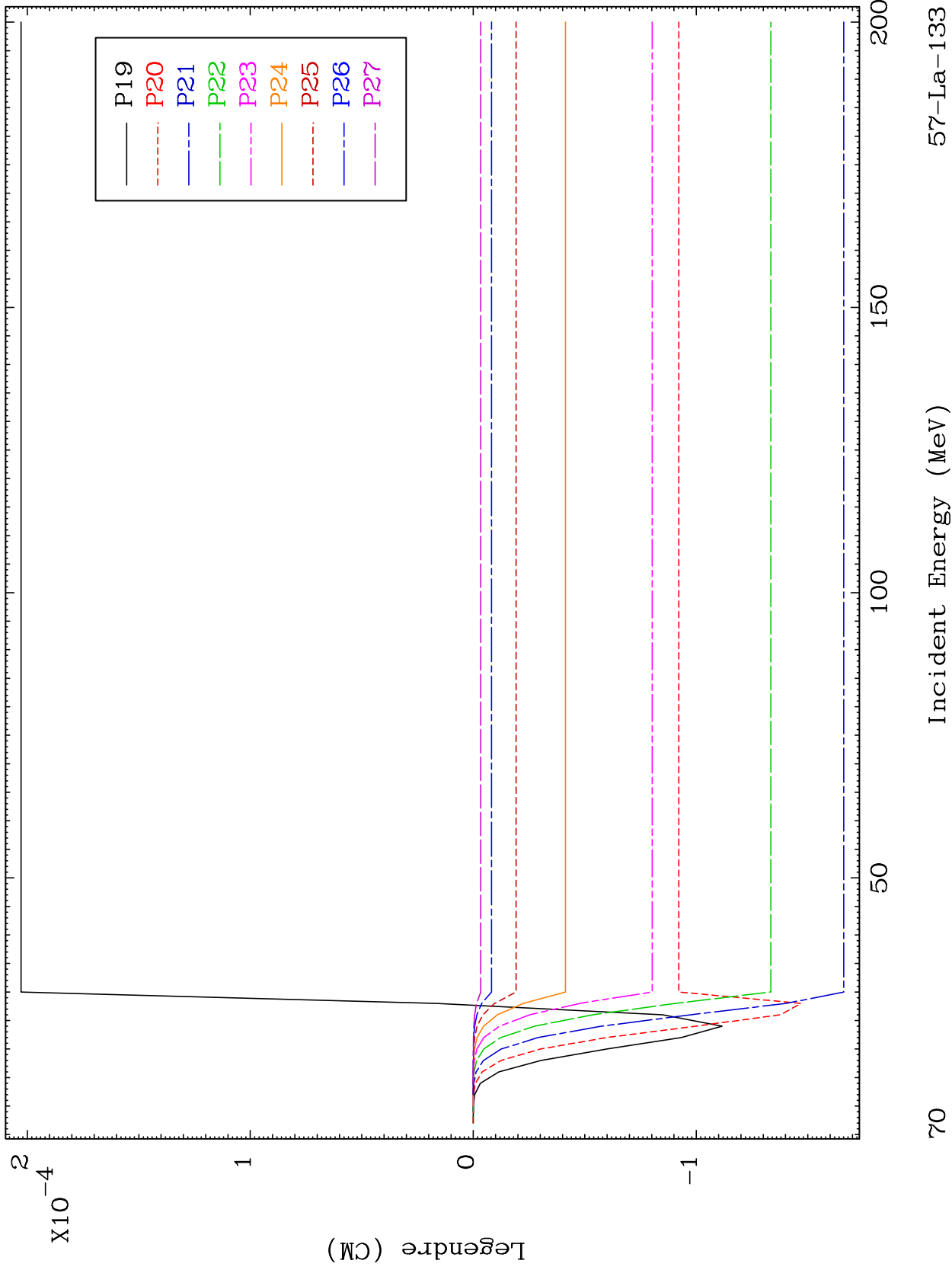




MAT 5710

784.5 keV (n,n') Level
Legendre Coefficients

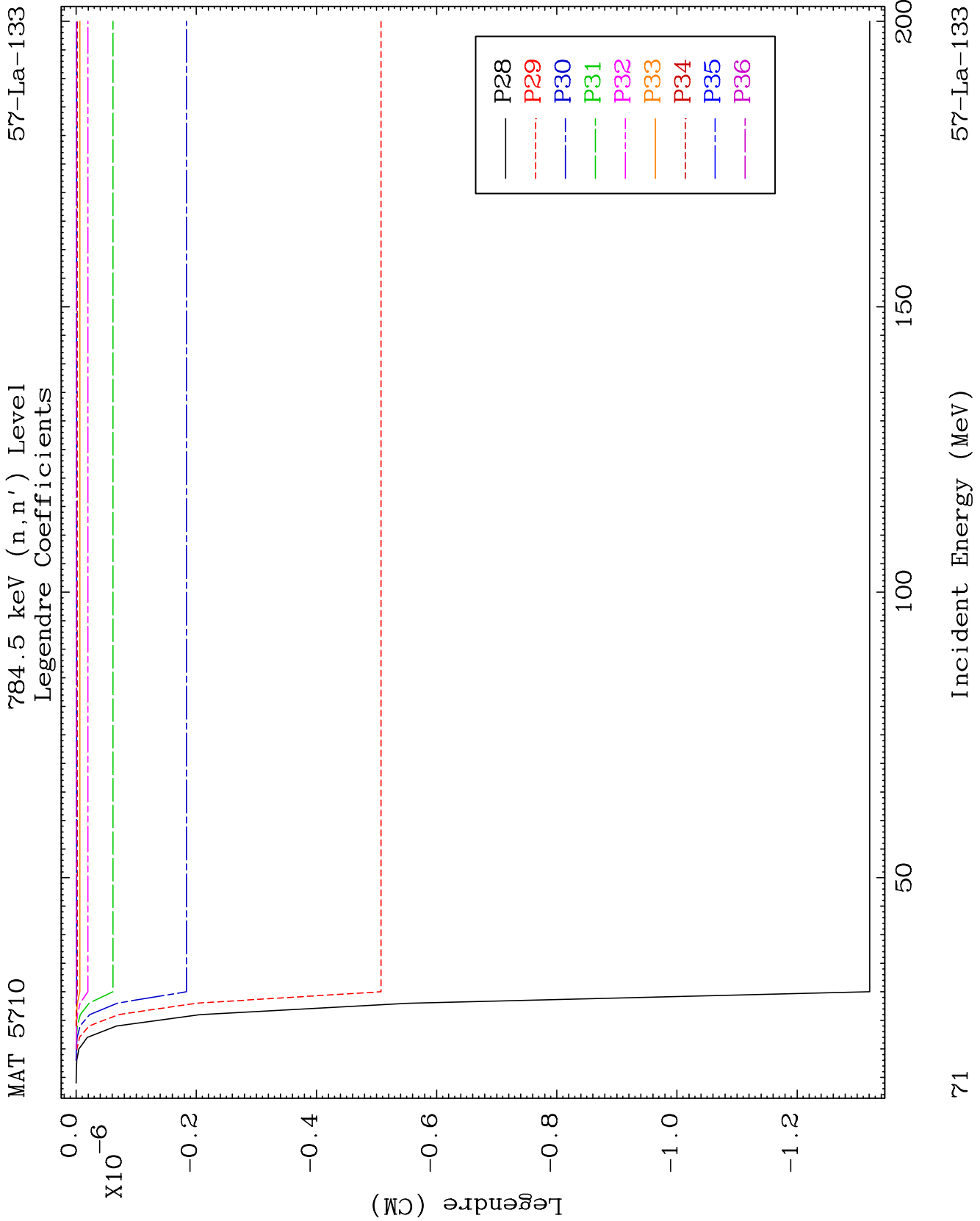
57-La-133



70

Incident Energy (MeV)

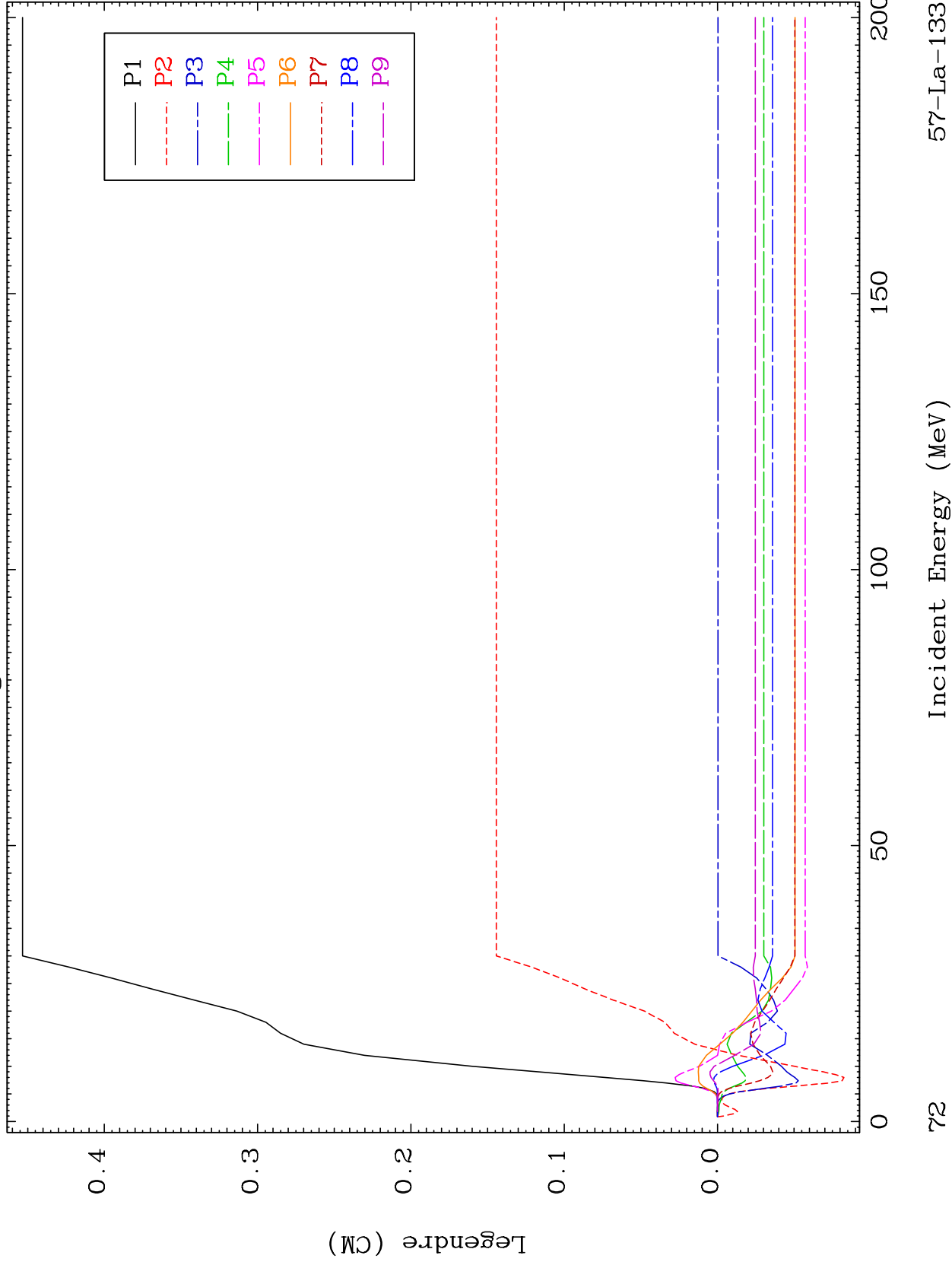
57-La-133



MAT 5710

838.2 keV (n,n') Level
Legendre Coefficients

57-La-133



57-La-133

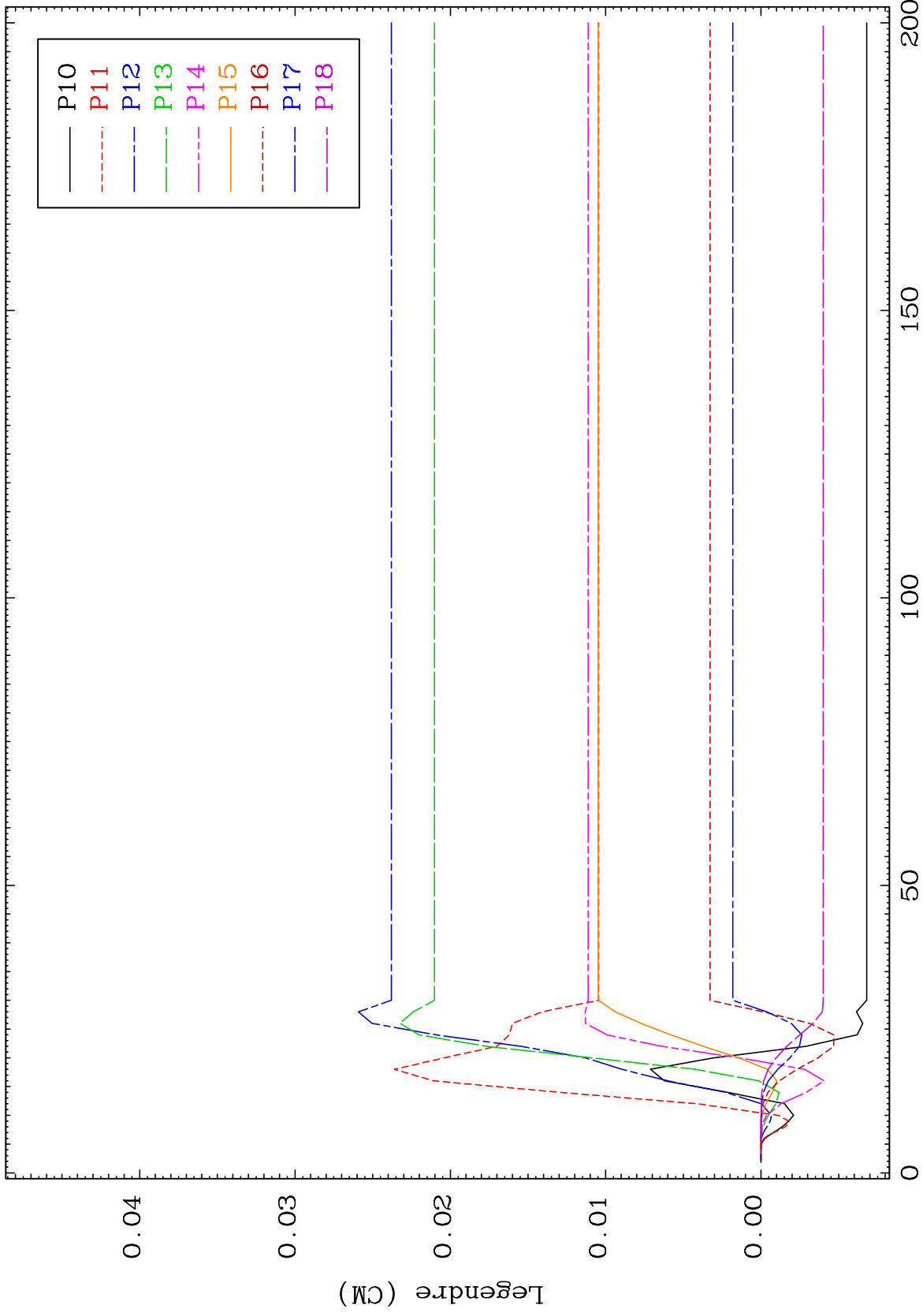
Incident Energy (MeV)

72

MAT 5710

838.2 keV (n,n') Level
Legendre Coefficients

57-La-133



73

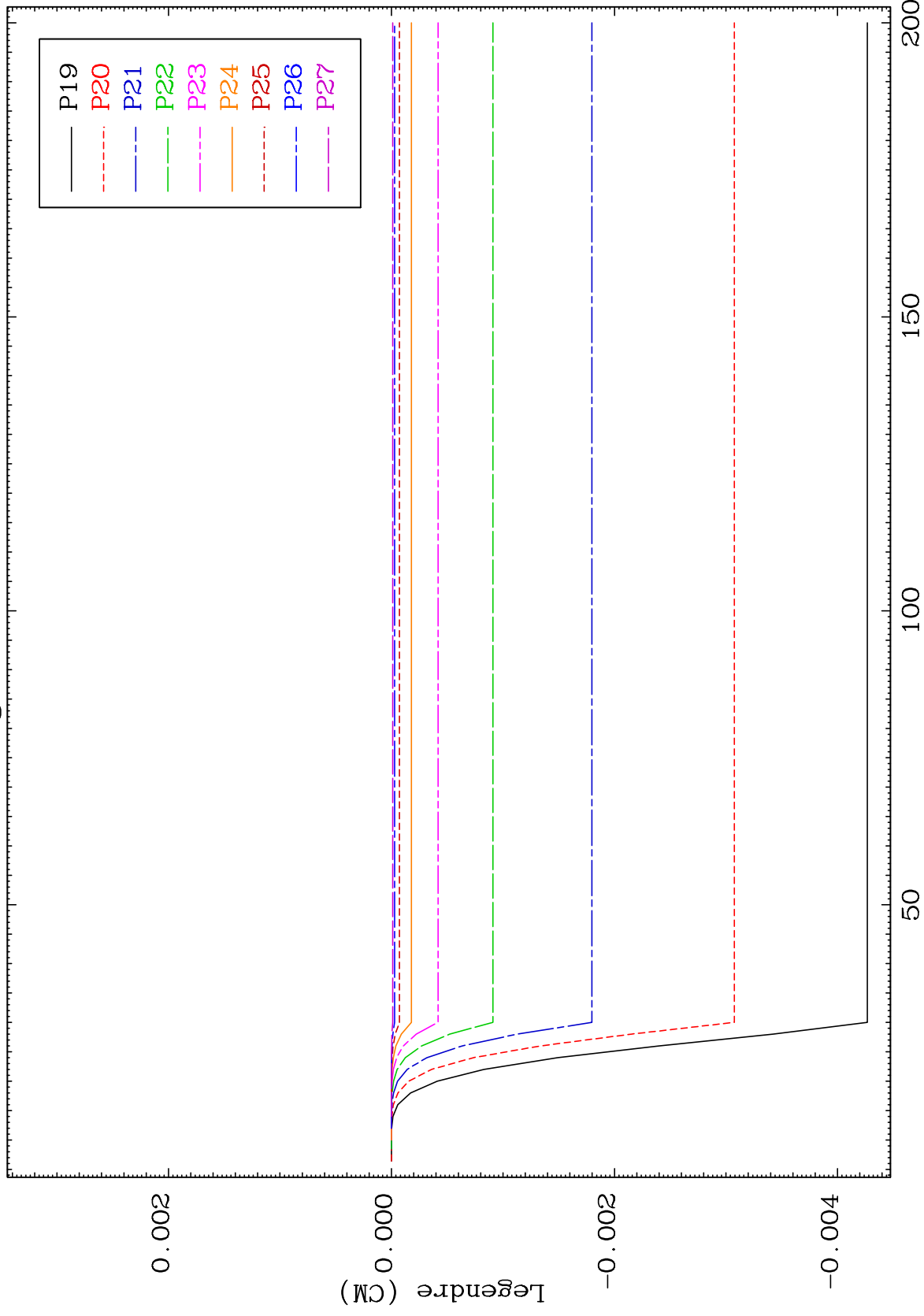
Incident Energy (MeV)

57-La-133

MAT 5710

838.2 keV (n,n') Level
Legendre Coefficients

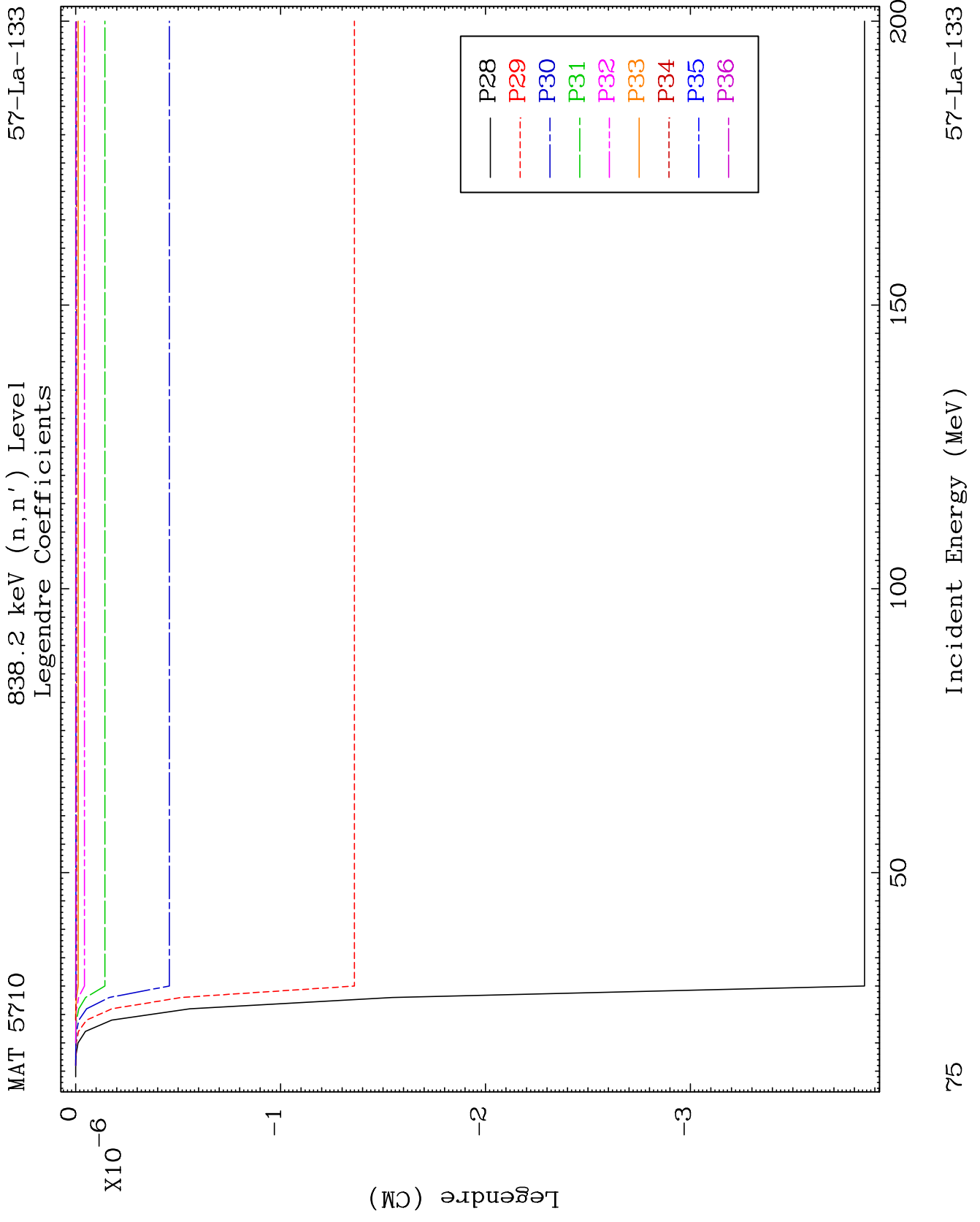
57-La-133



74

Incident Energy (MeV)

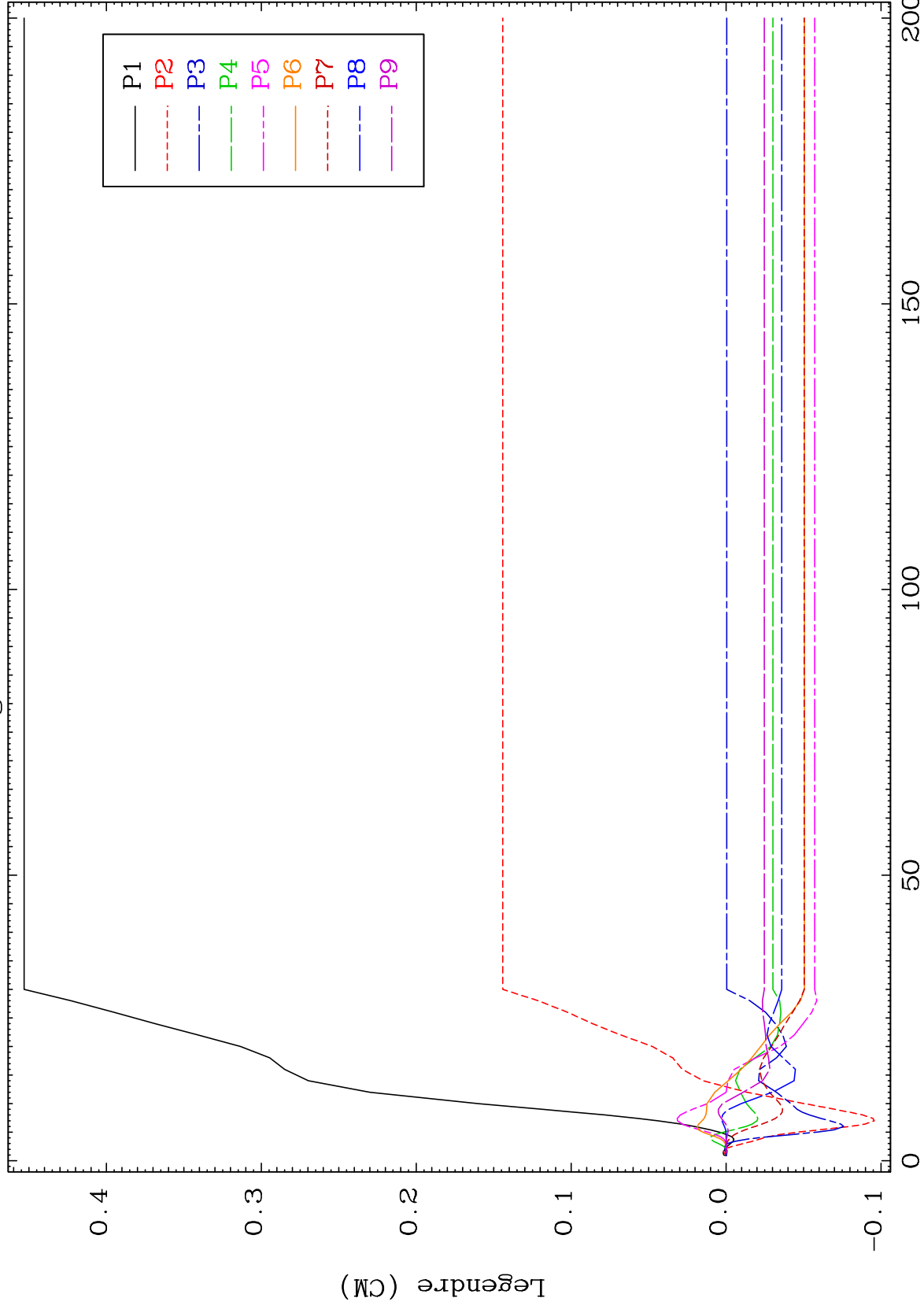
57-La-133



MAT 5710

867.2 keV (n,n') Level
Legendre Coefficients

57-La-133



76

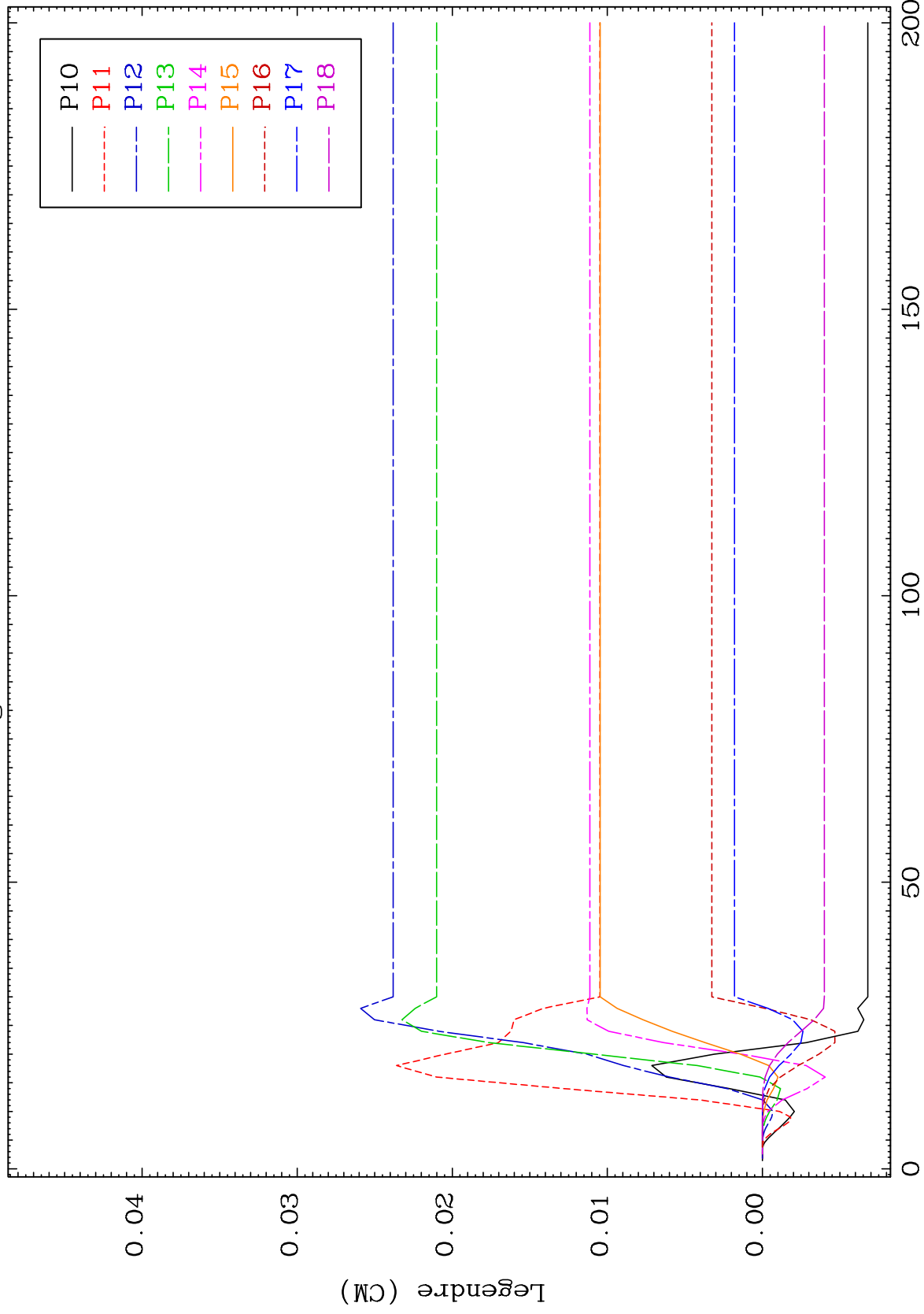
Incident Energy (MeV)

57-La-133

MAT 5710

867.2 keV (n,n') Level
Legendre Coefficients

57-La-133



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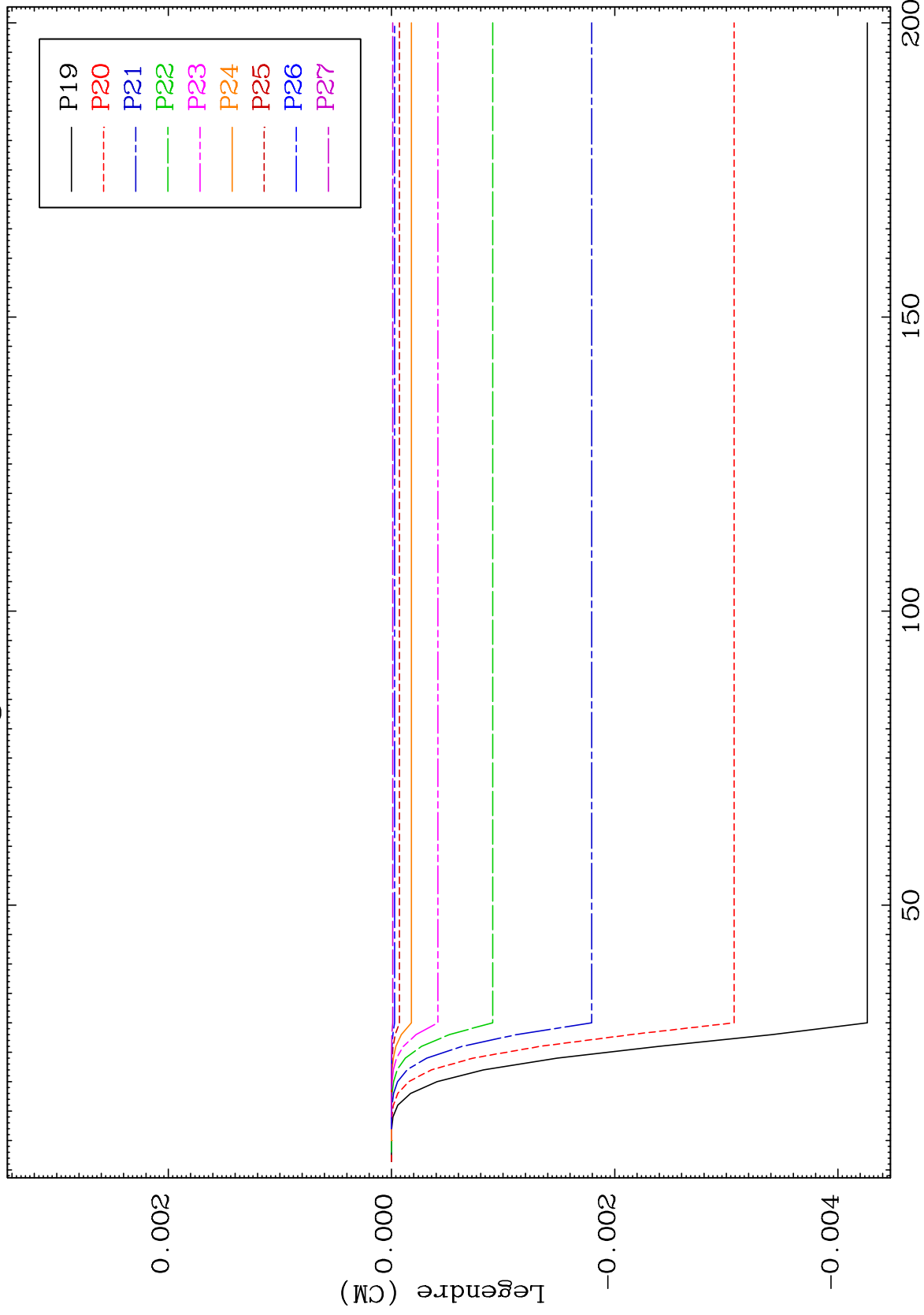
Incident Energy (MeV)

57-La-133

MAT 5710

867.2 keV (n,n') Level
Legendre Coefficients

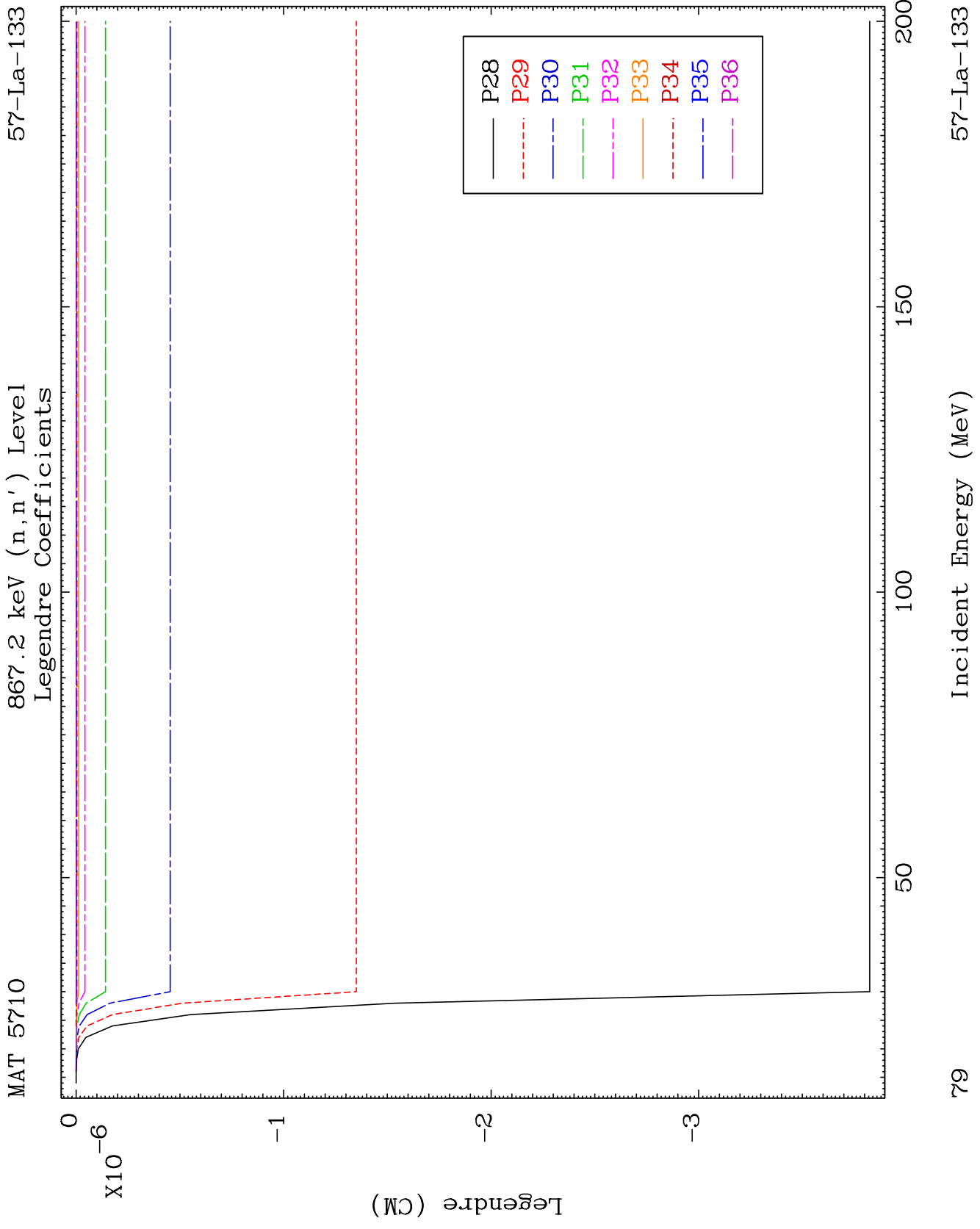
57-La-133

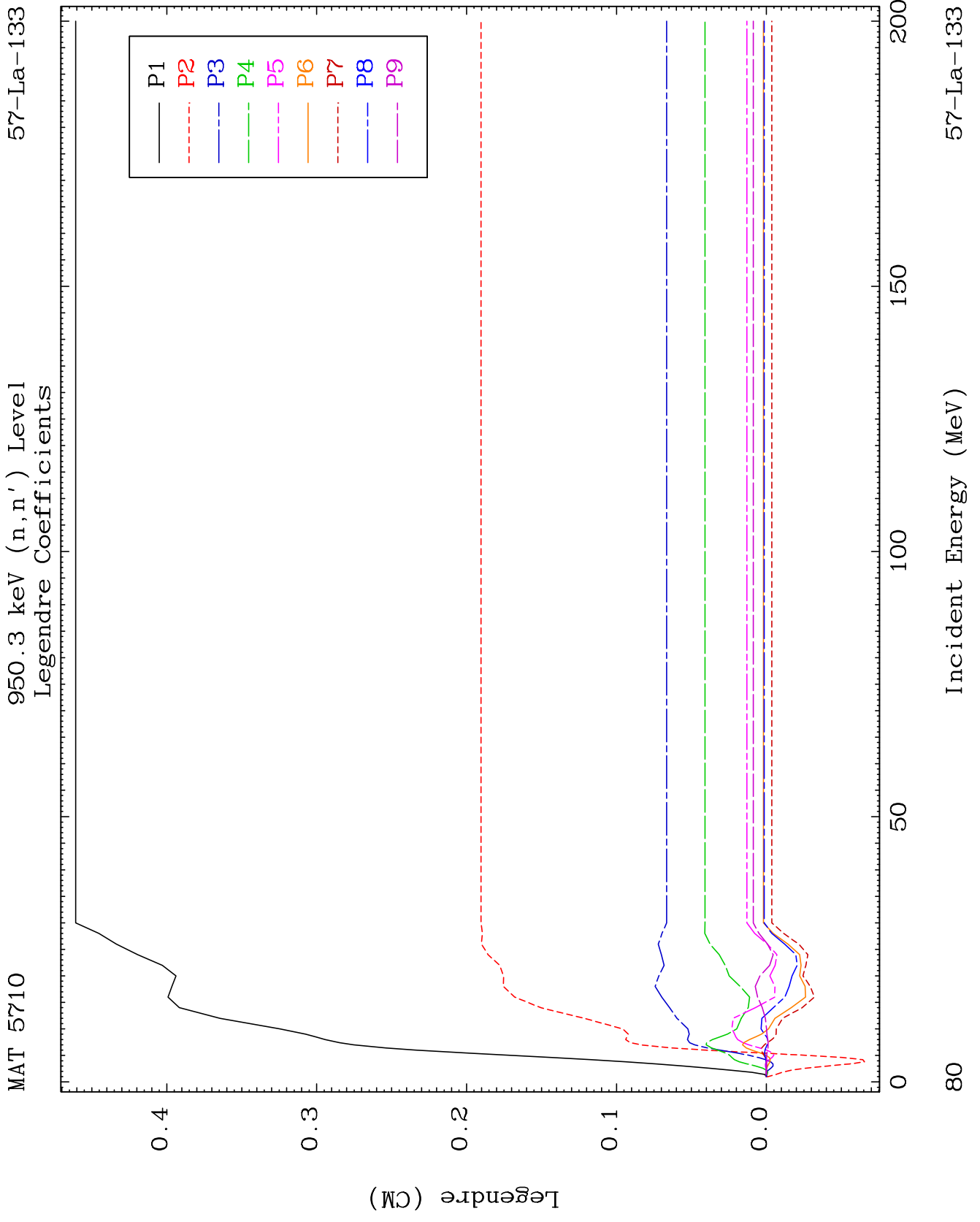


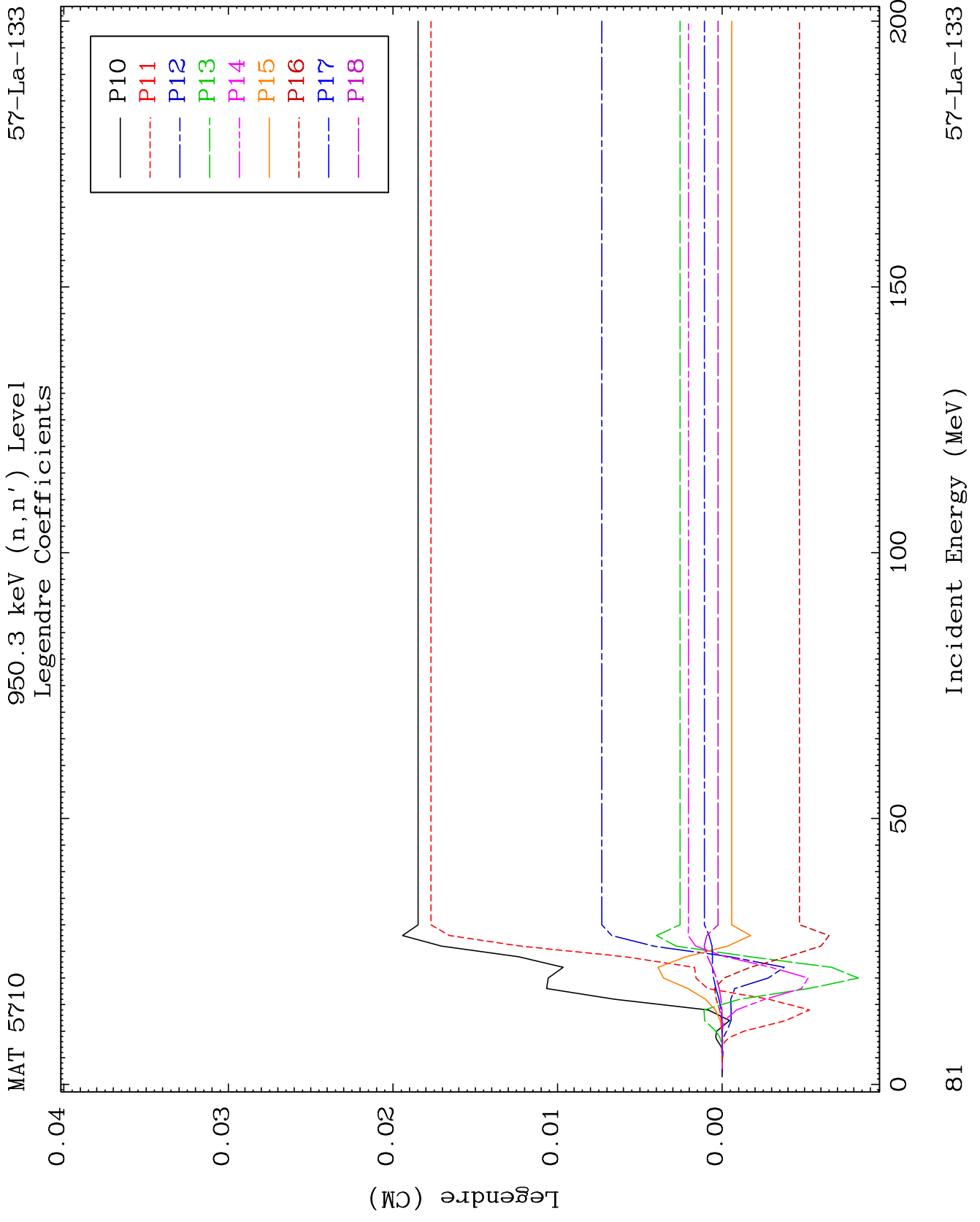
78

Incident Energy (MeV)

57-La-133



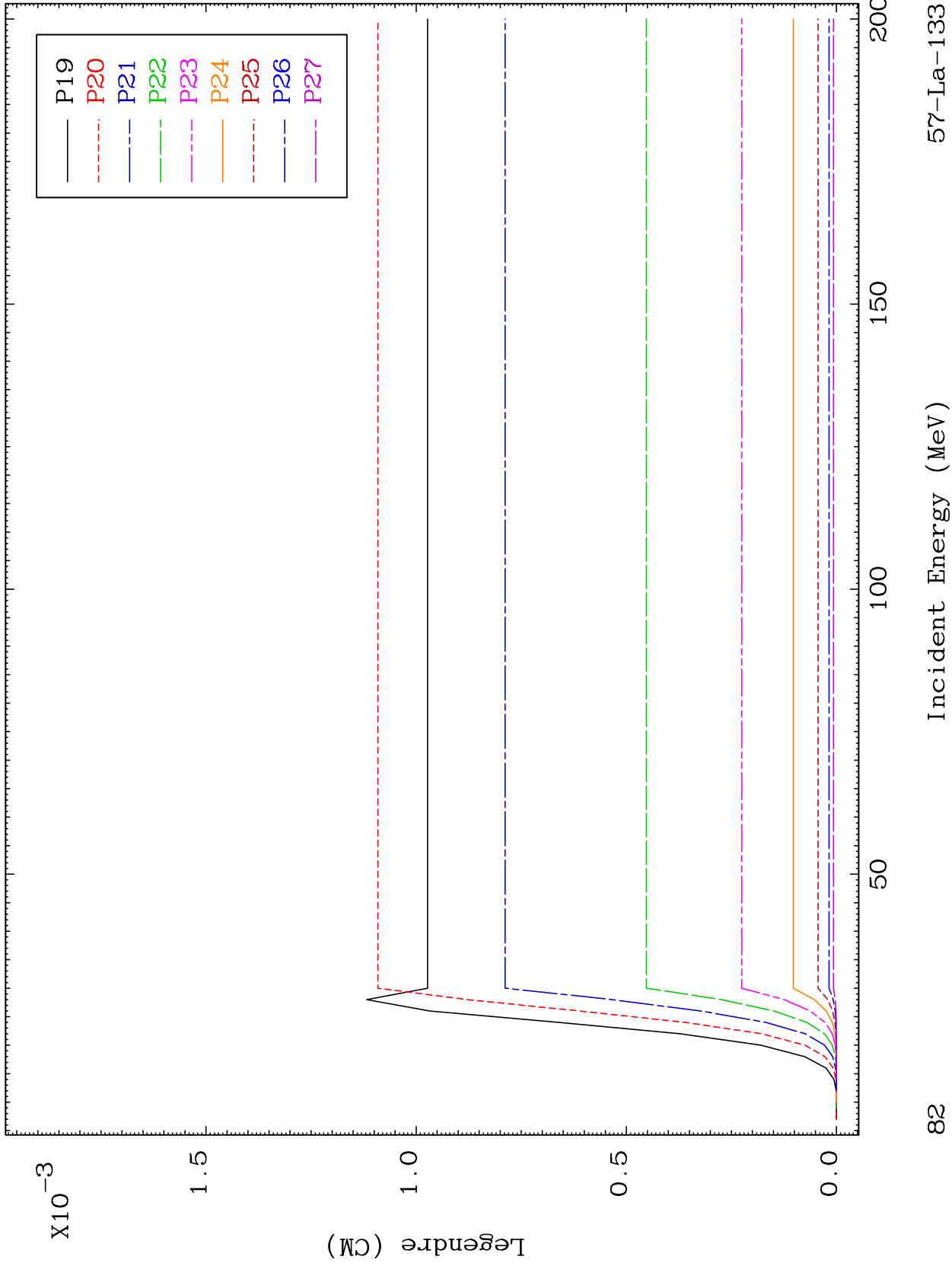




MAT 5710

950.3 keV (n,n') Level
Legendre Coefficients

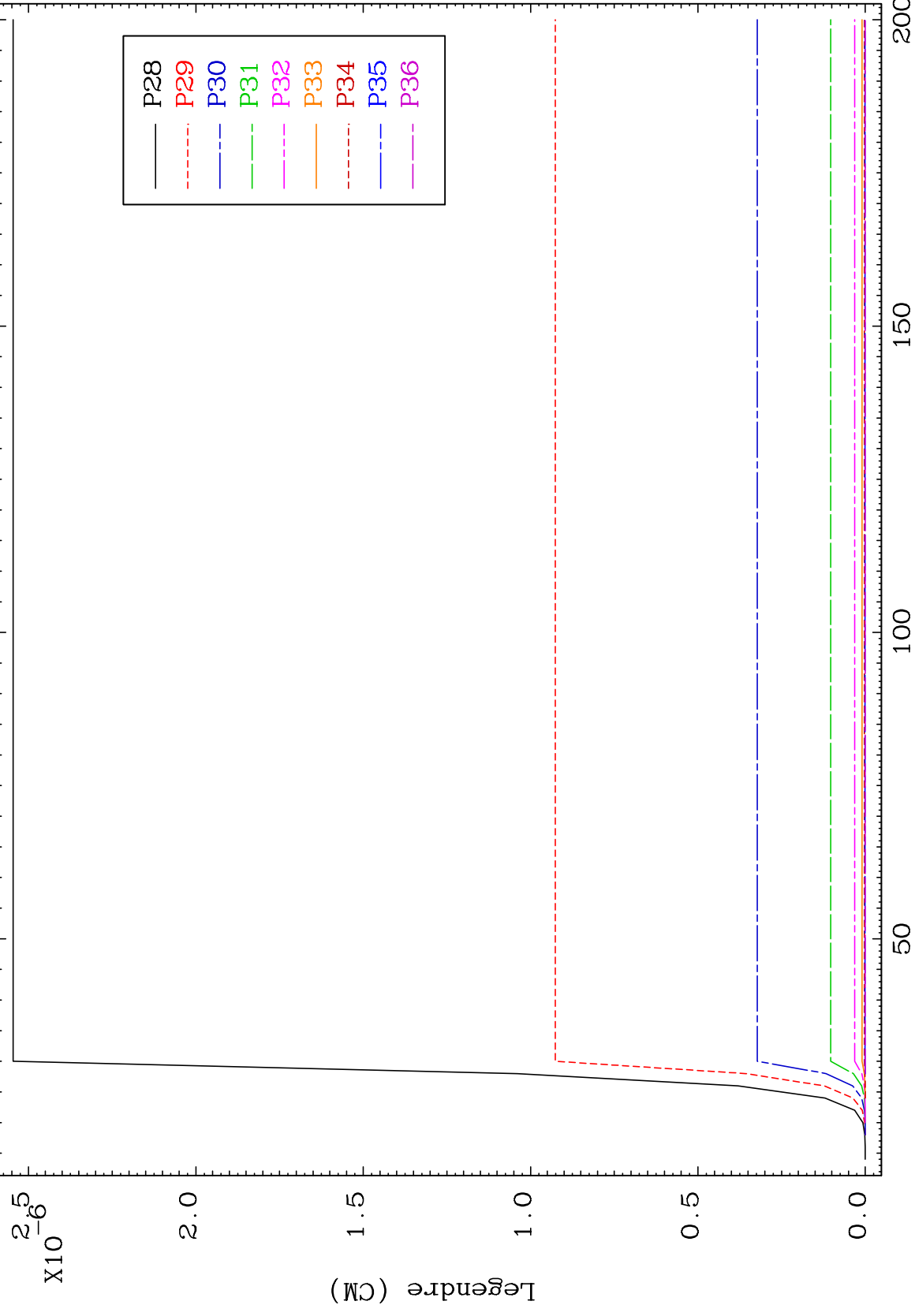
57-La-133



MAT 5710

950.3 keV (n,n') Level
Legendre Coefficients

57-La-133



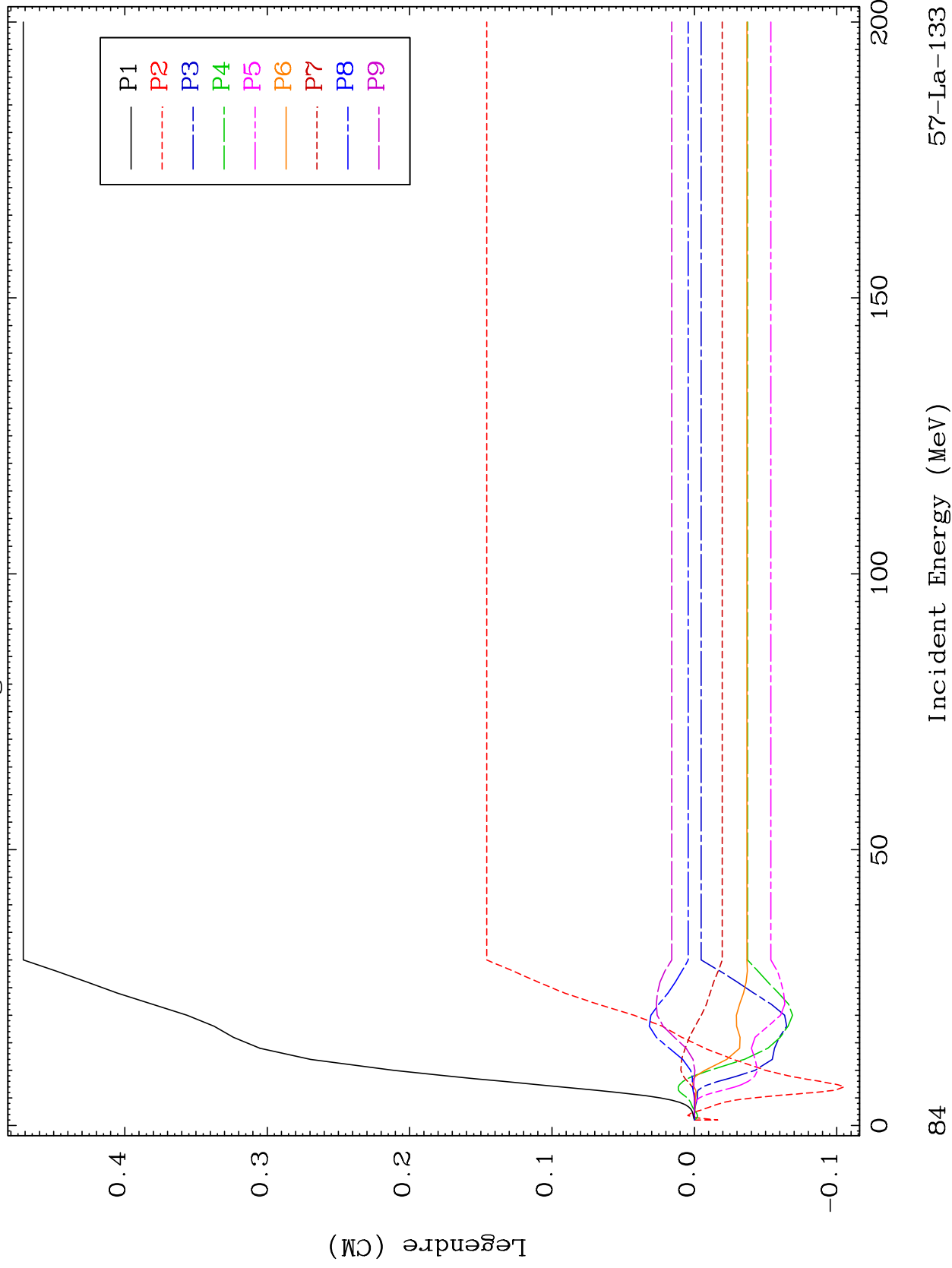
83

57-La-133

MAT 5710

979.9 keV (n,n') Level
Legendre Coefficients

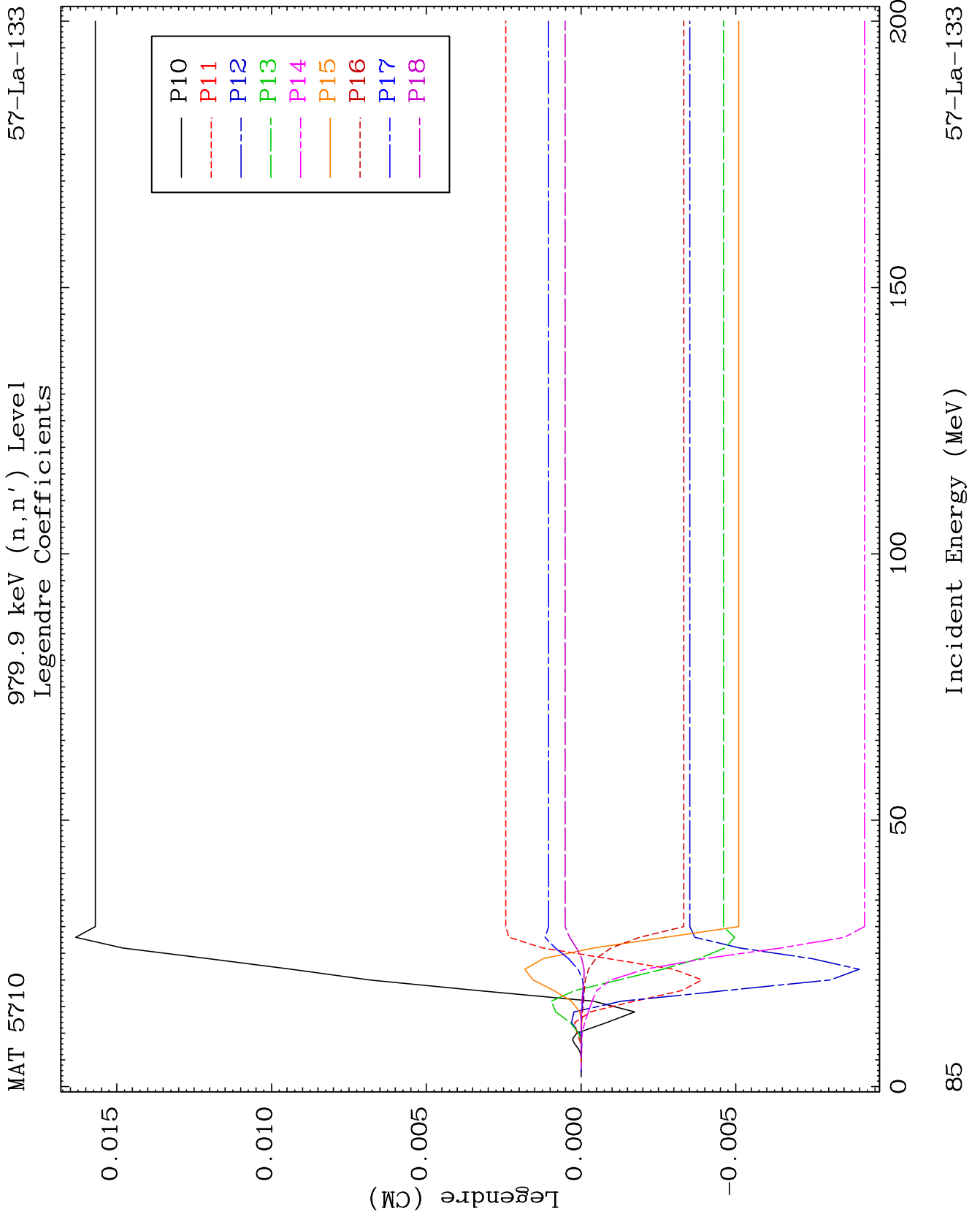
57-La-133

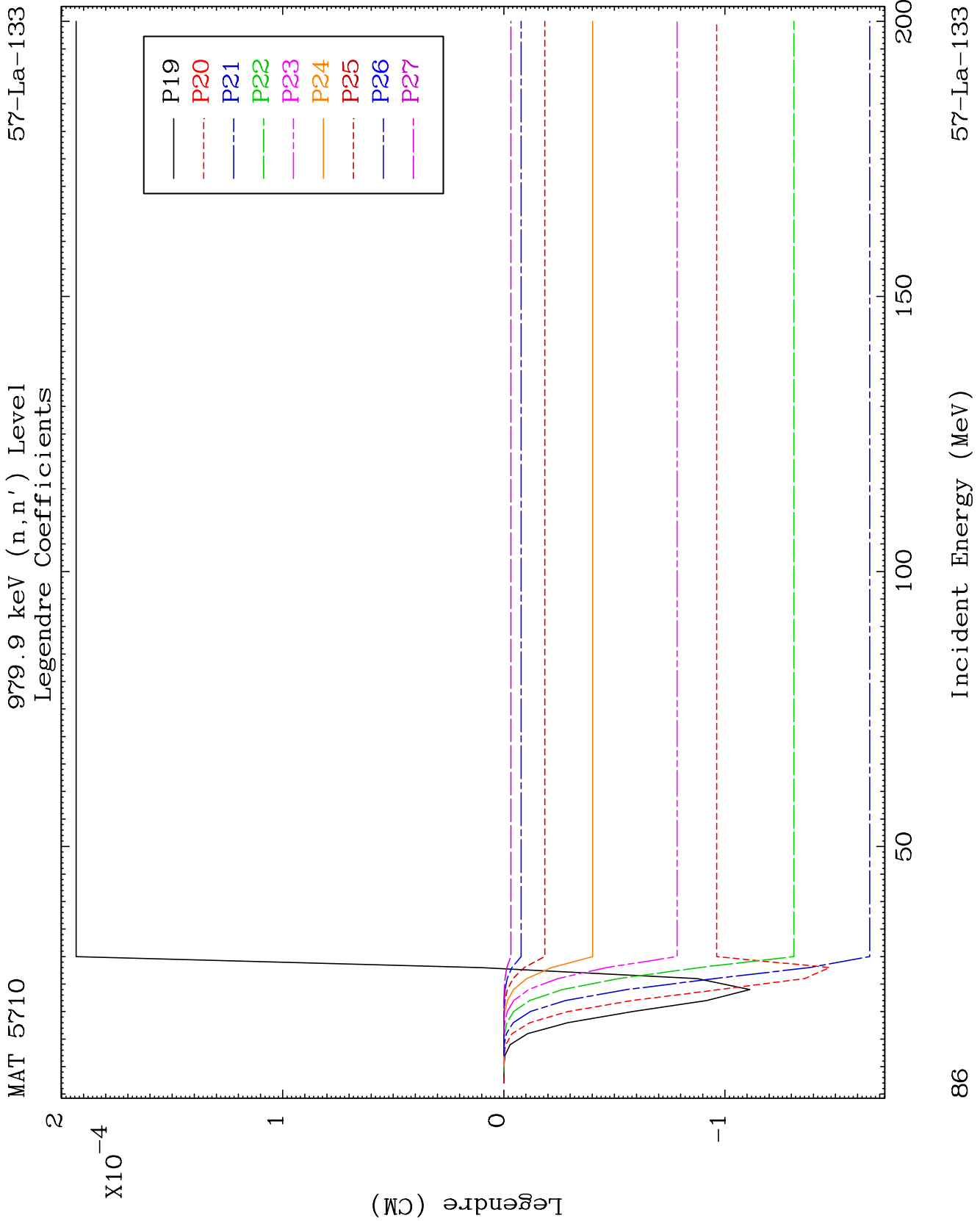


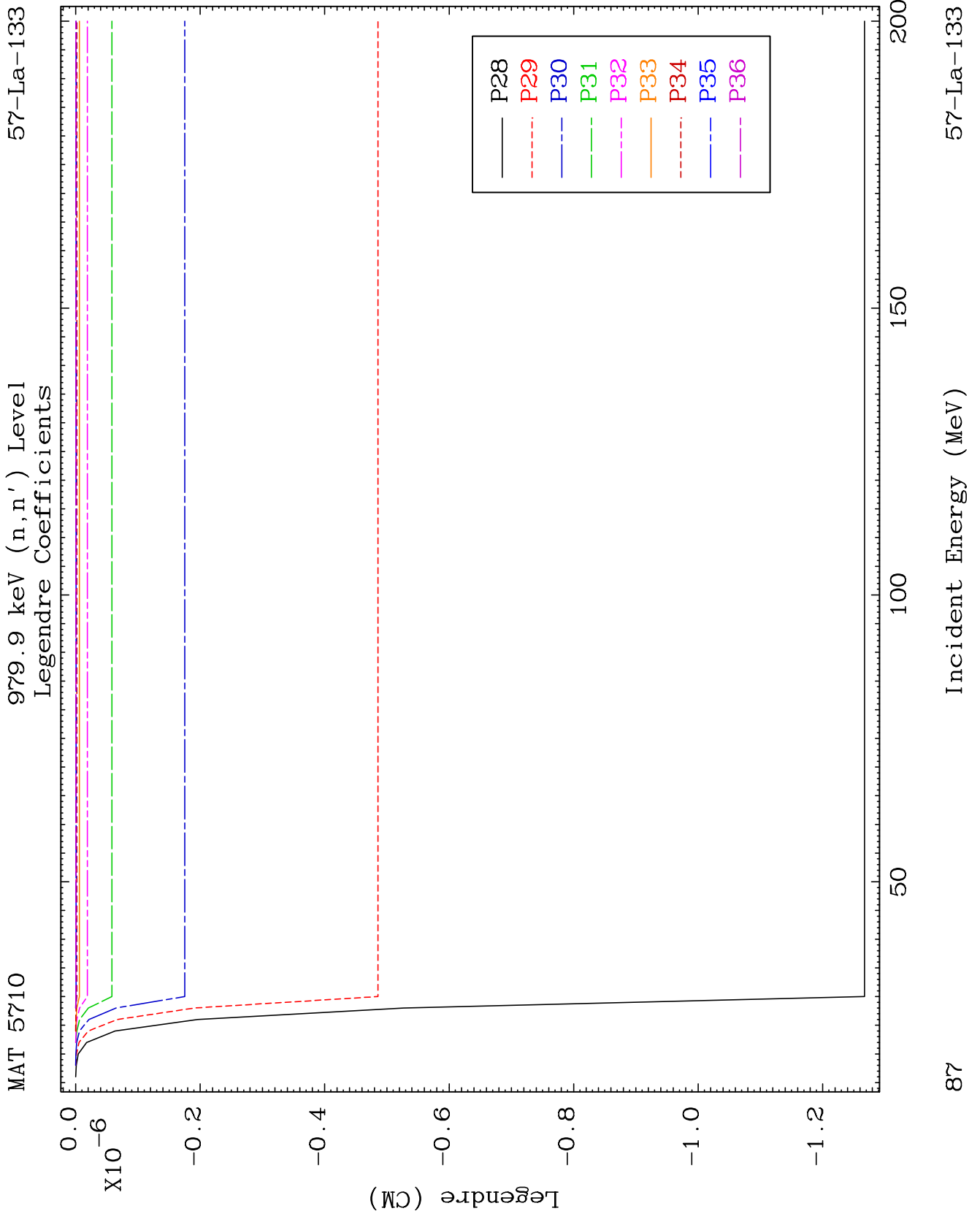
57-La-133

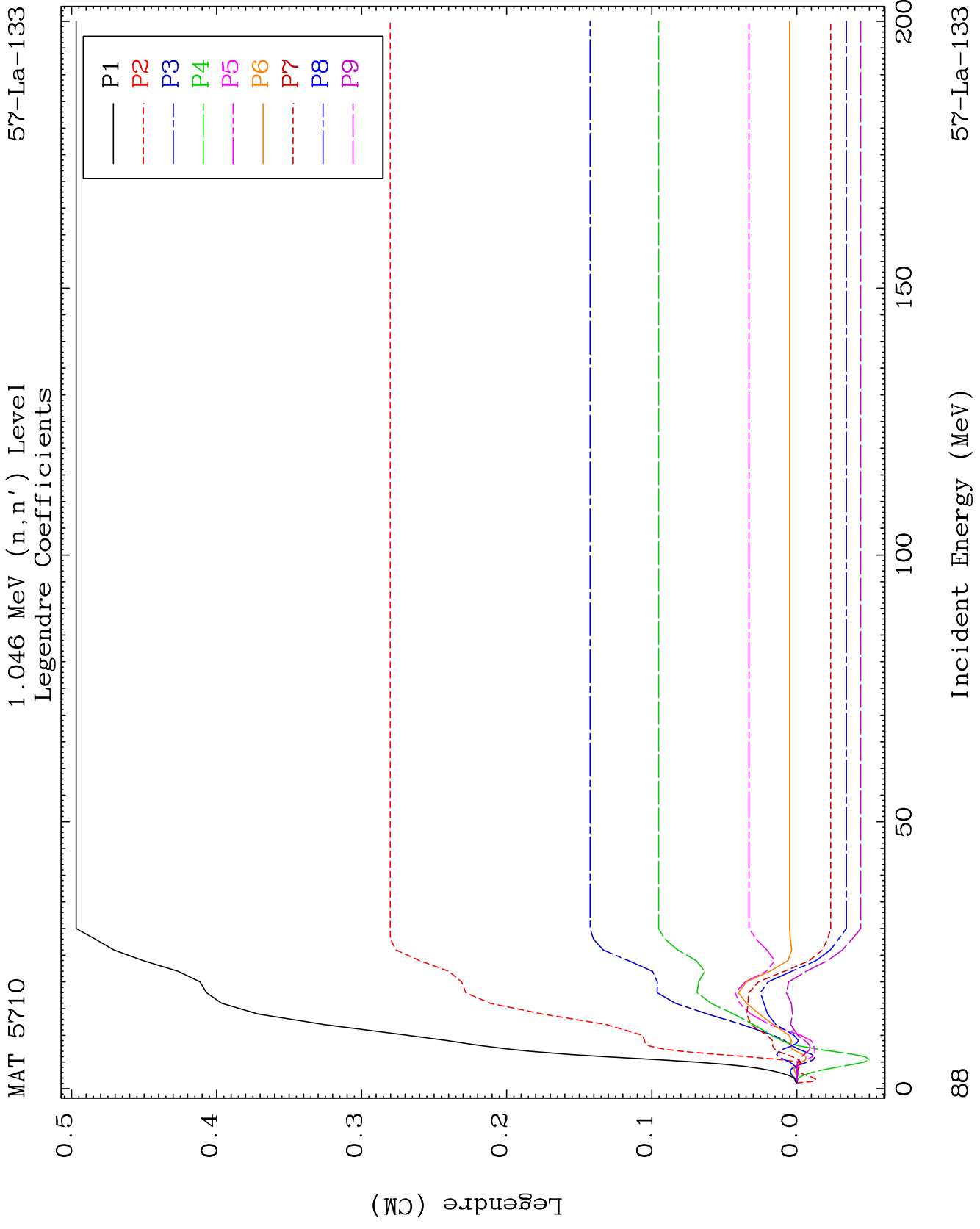
Incident Energy (MeV)

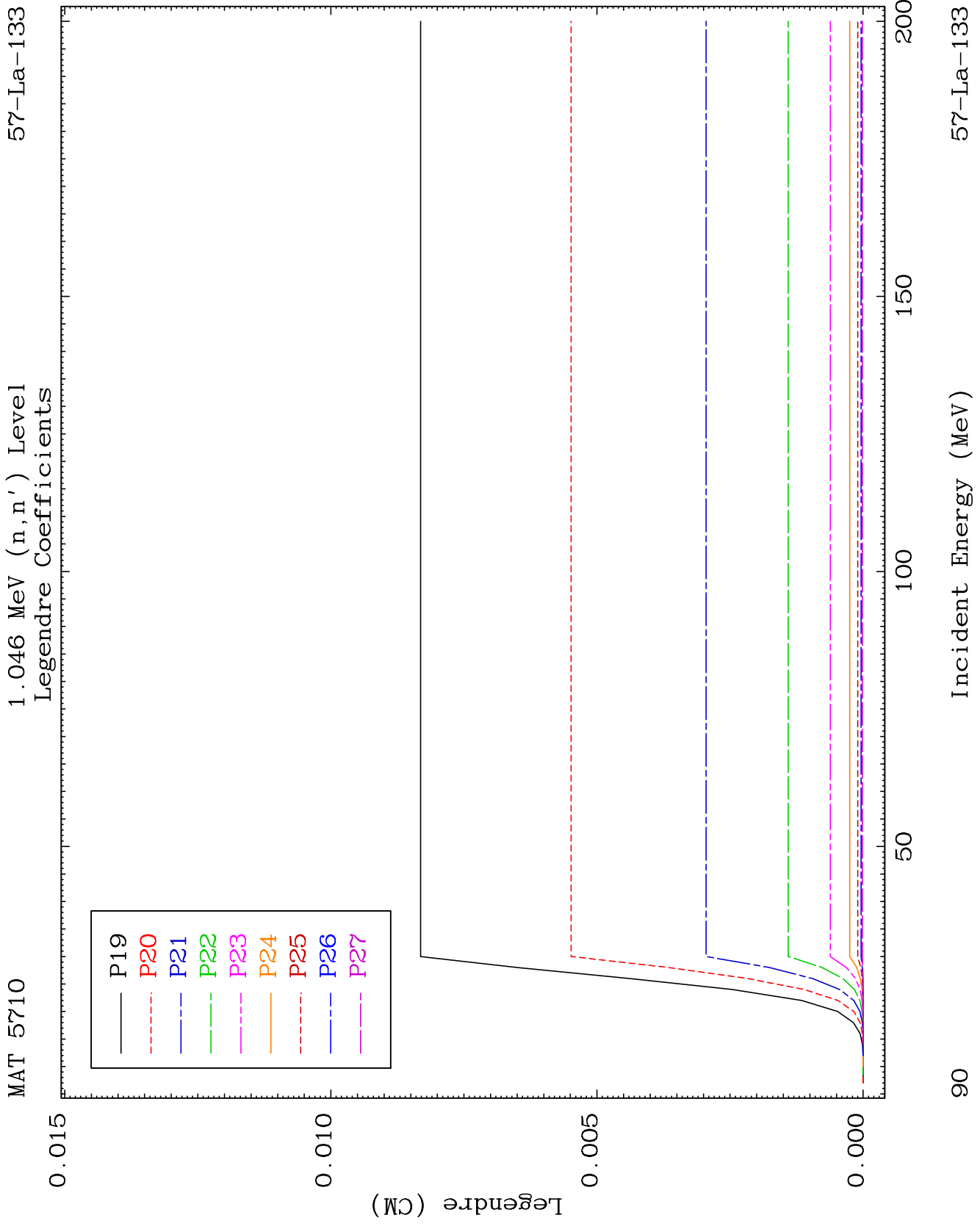
84

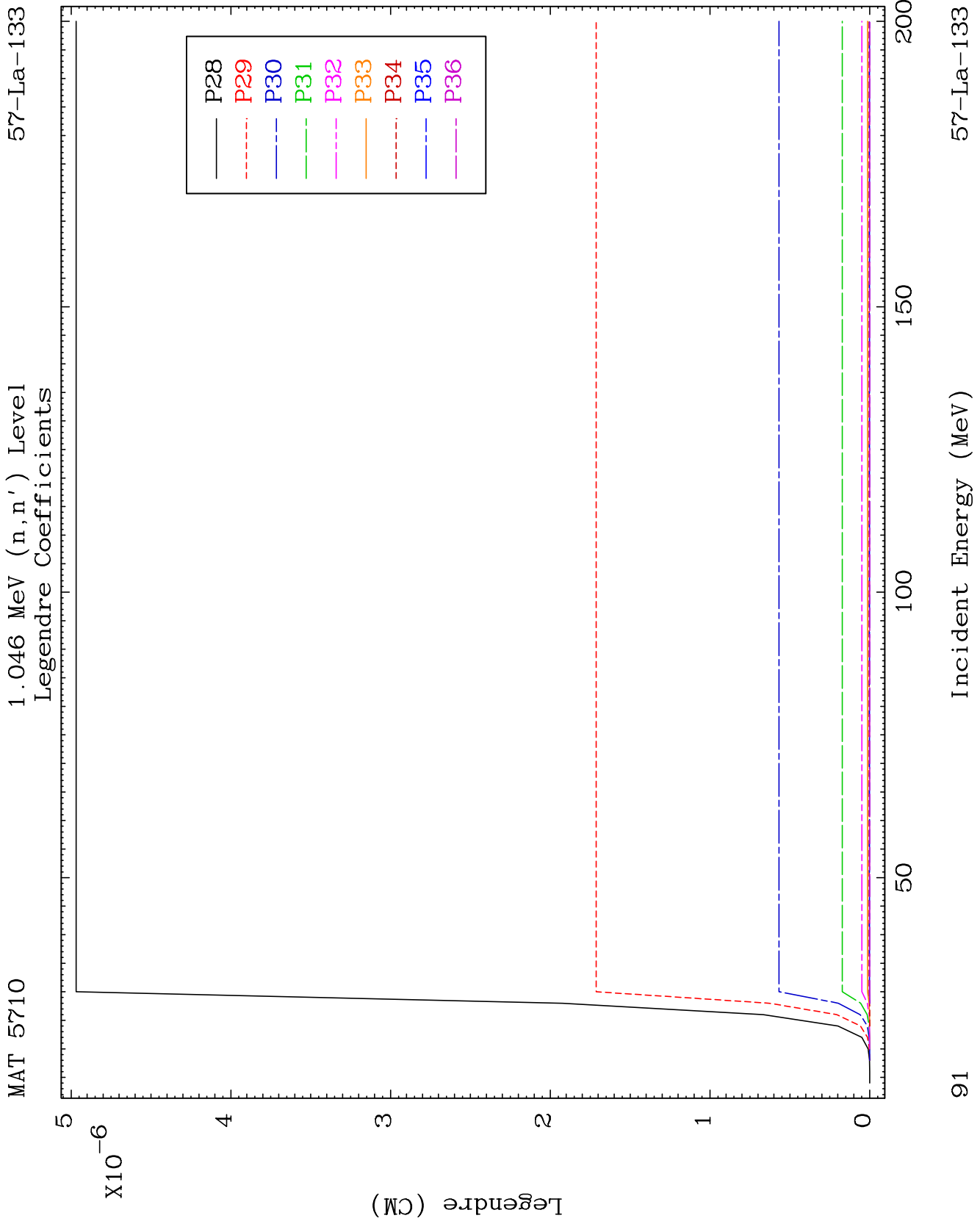


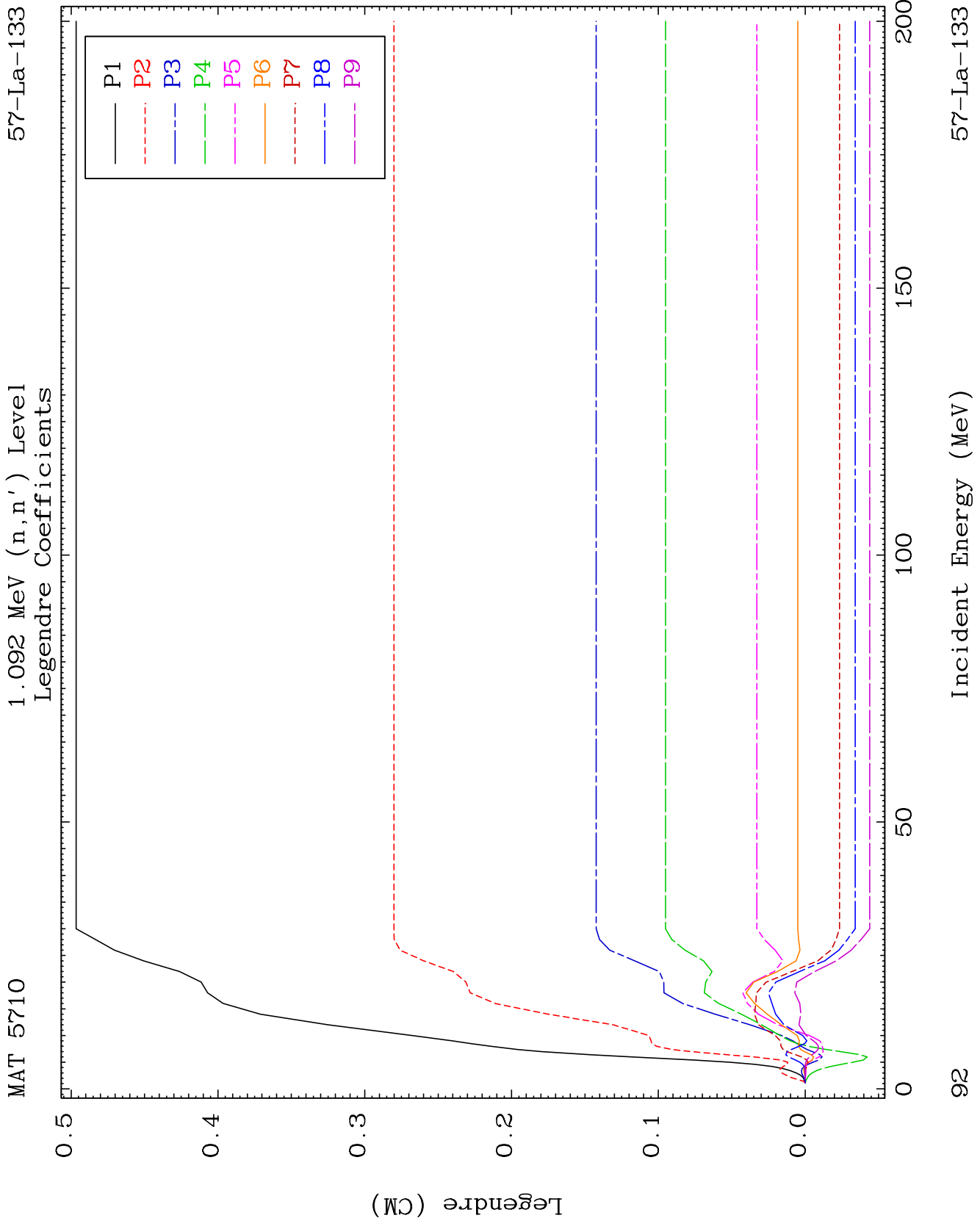


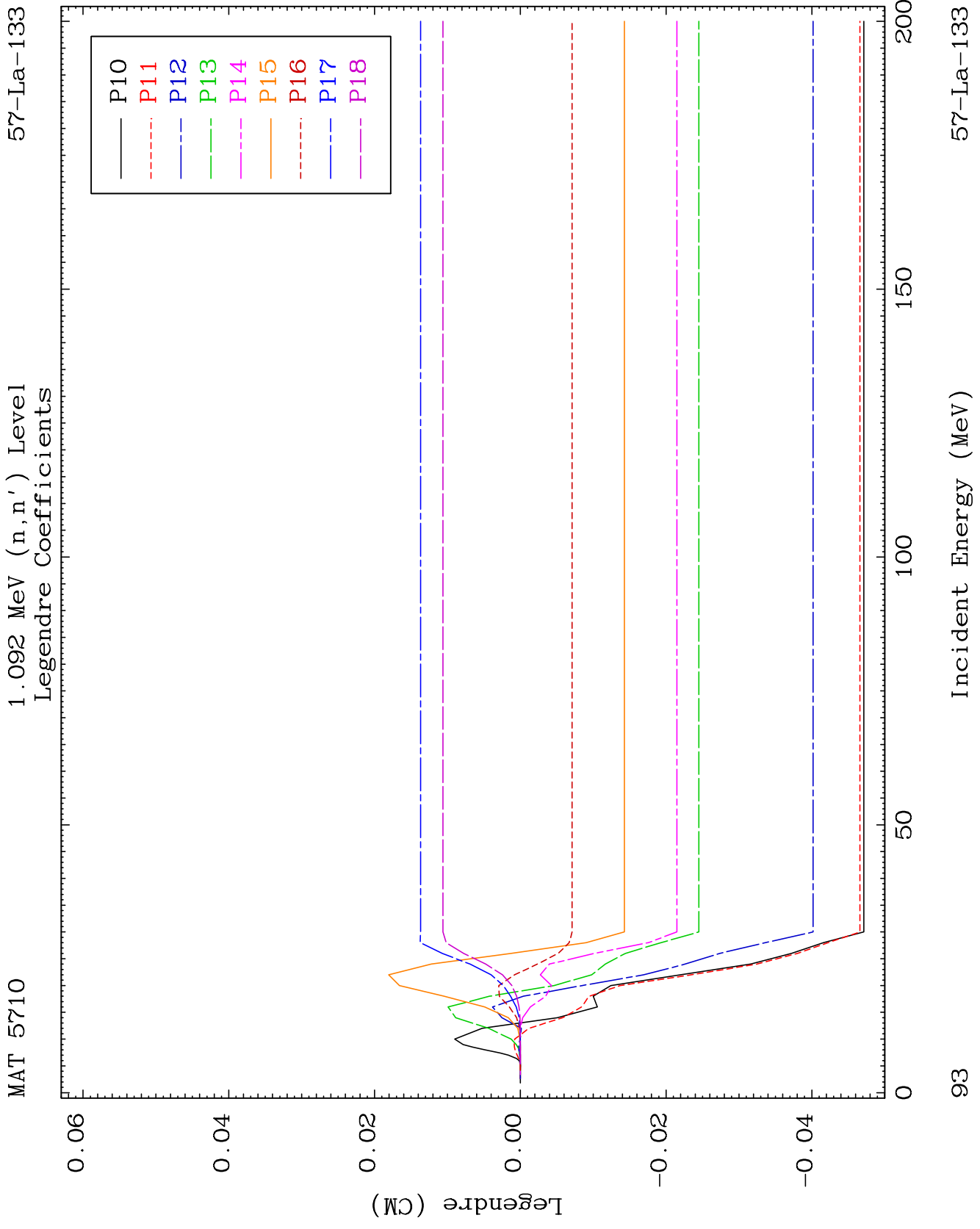


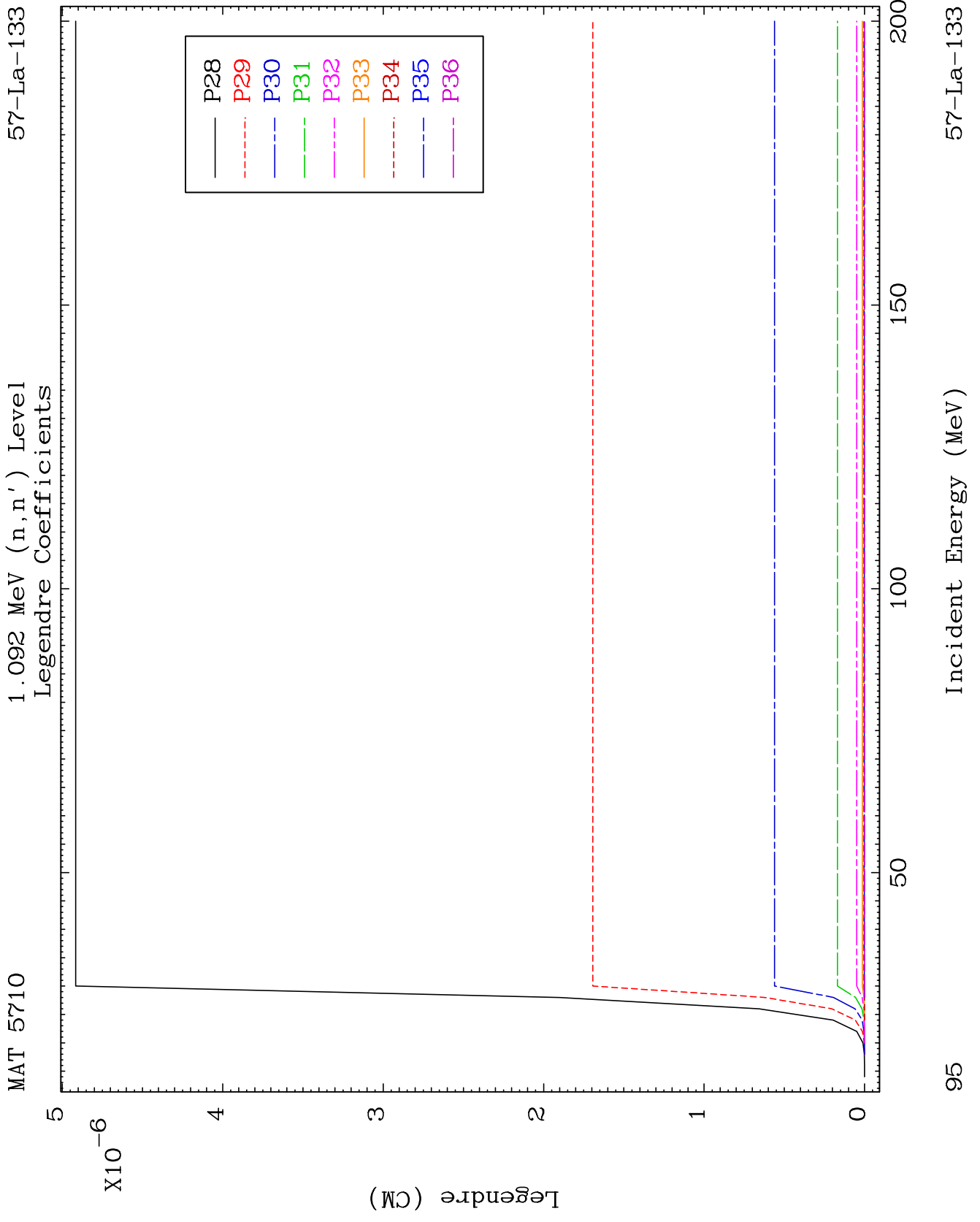








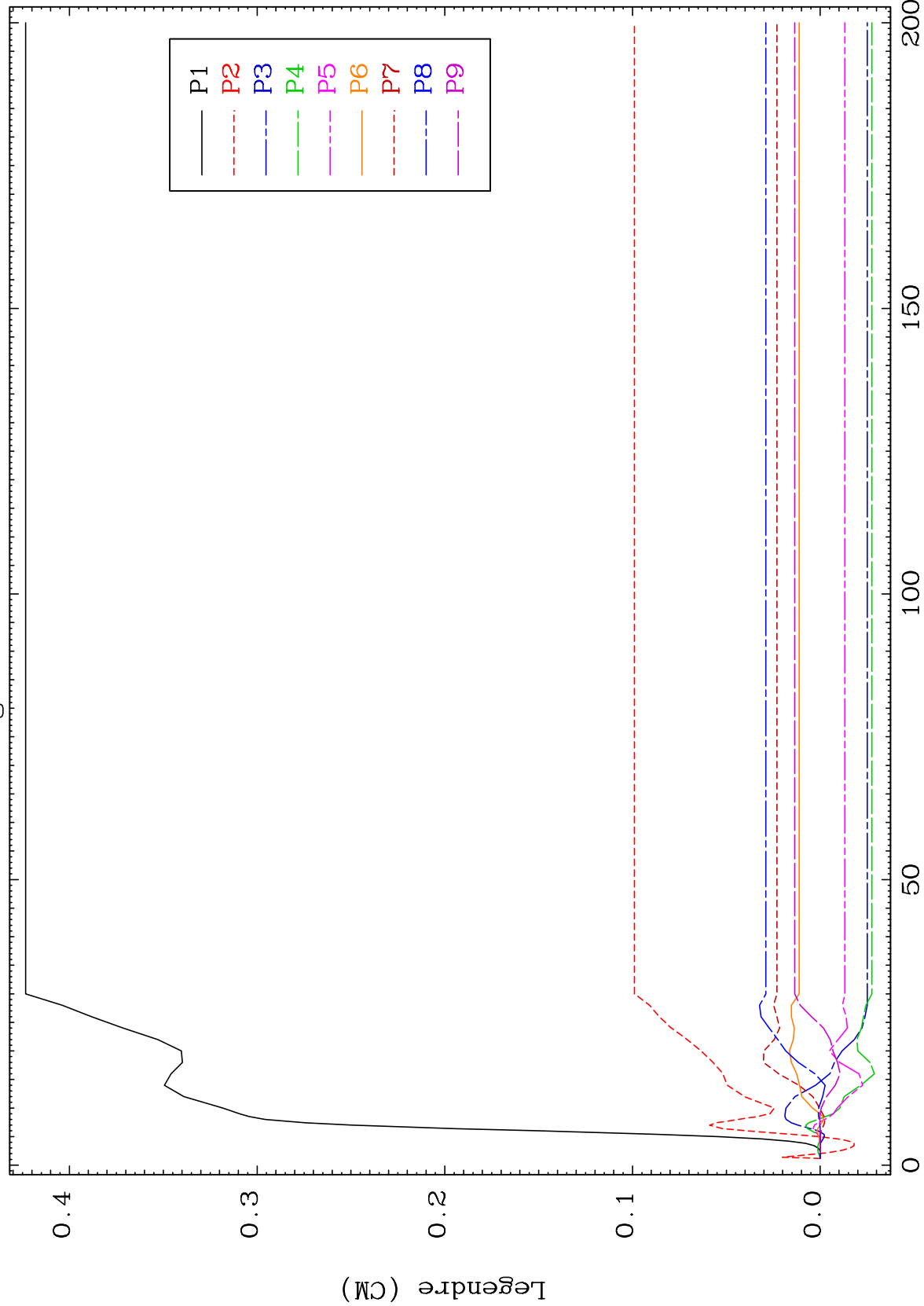




MAT 5710

1.153 MeV (n,n') Level
Legendre Coefficients

57-La-133



96

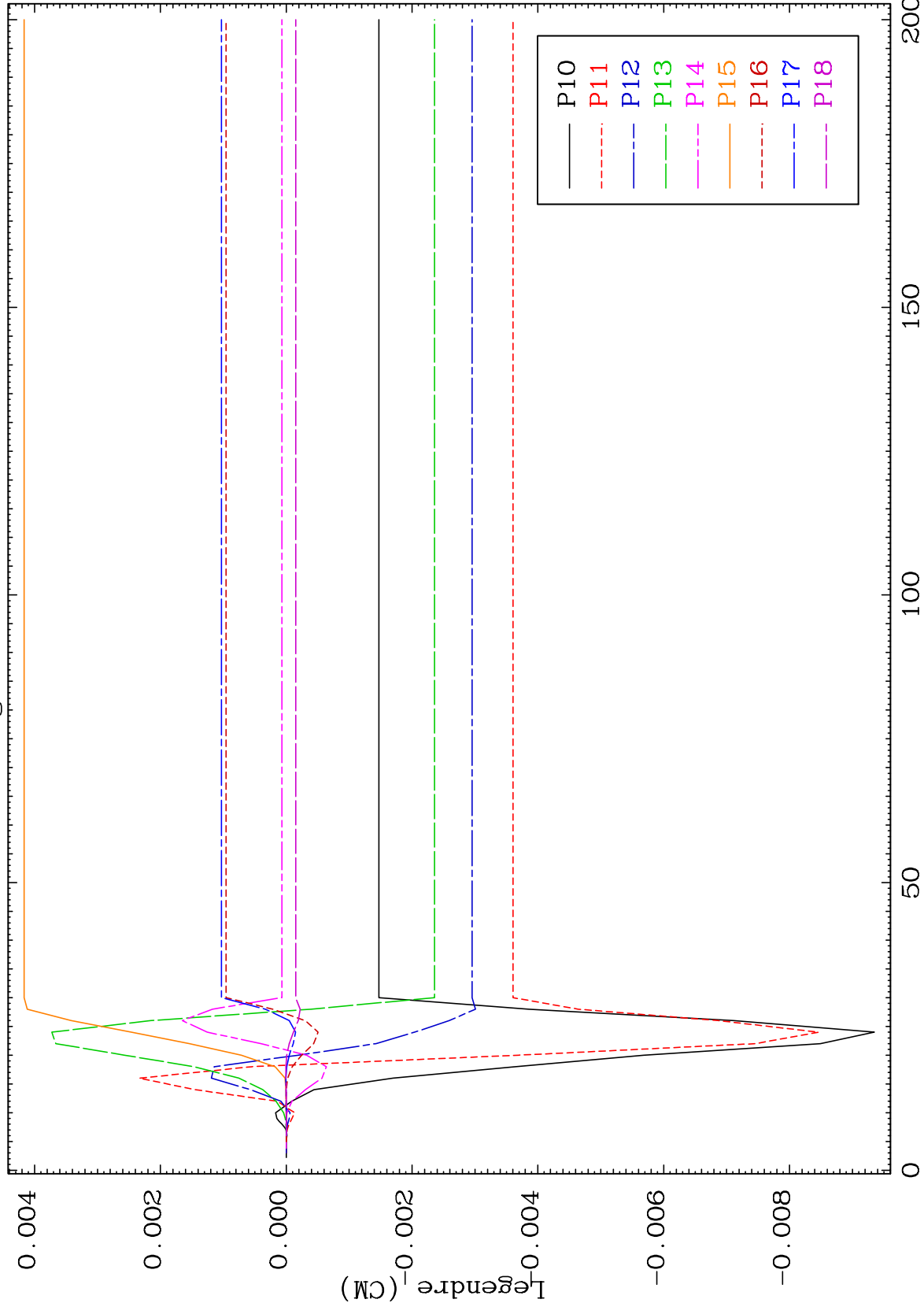
Incident Energy (MeV)

57-La-133

MAT 5710

1.153 MeV (n,n') Level
Legendre Coefficients

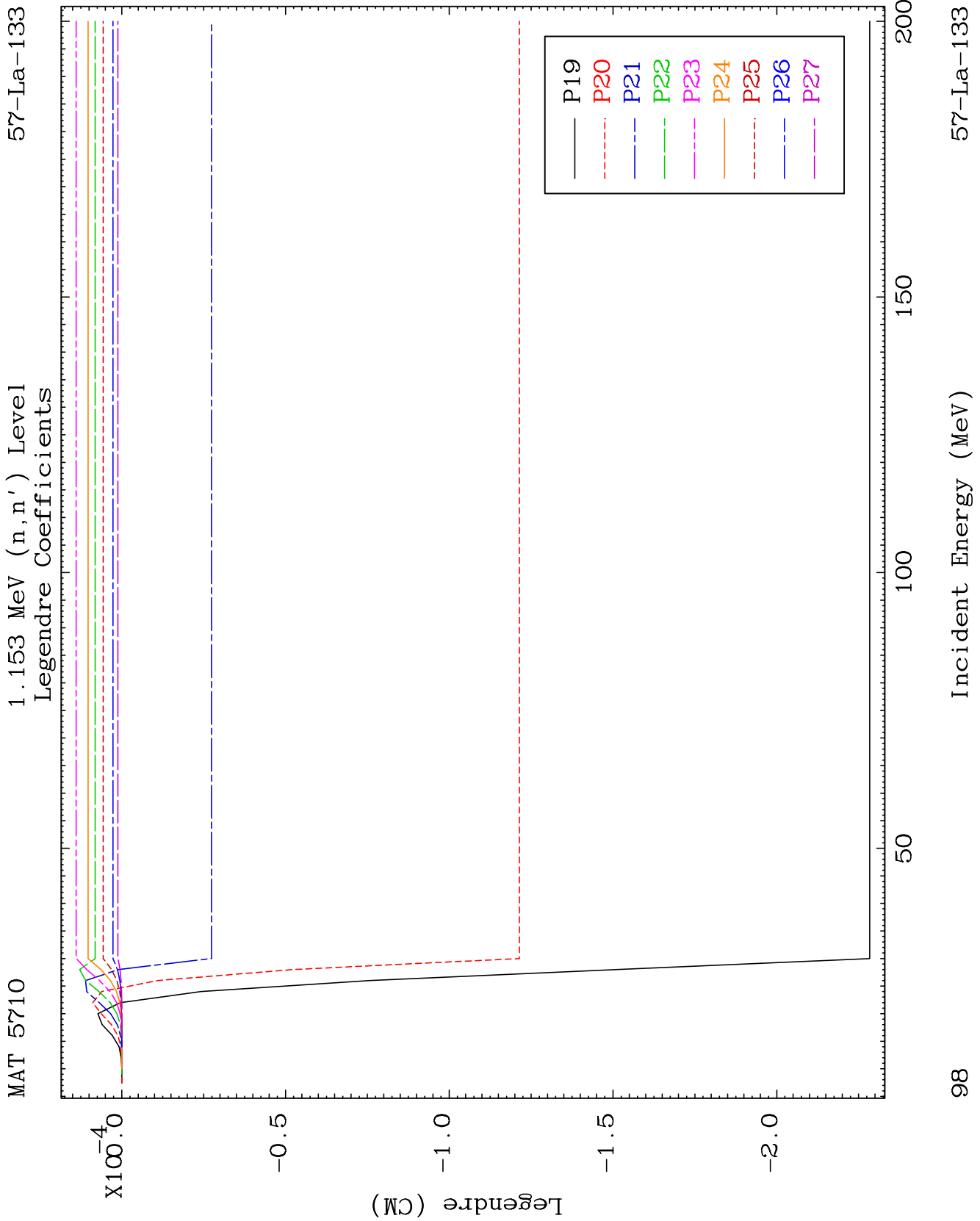
57-La-133

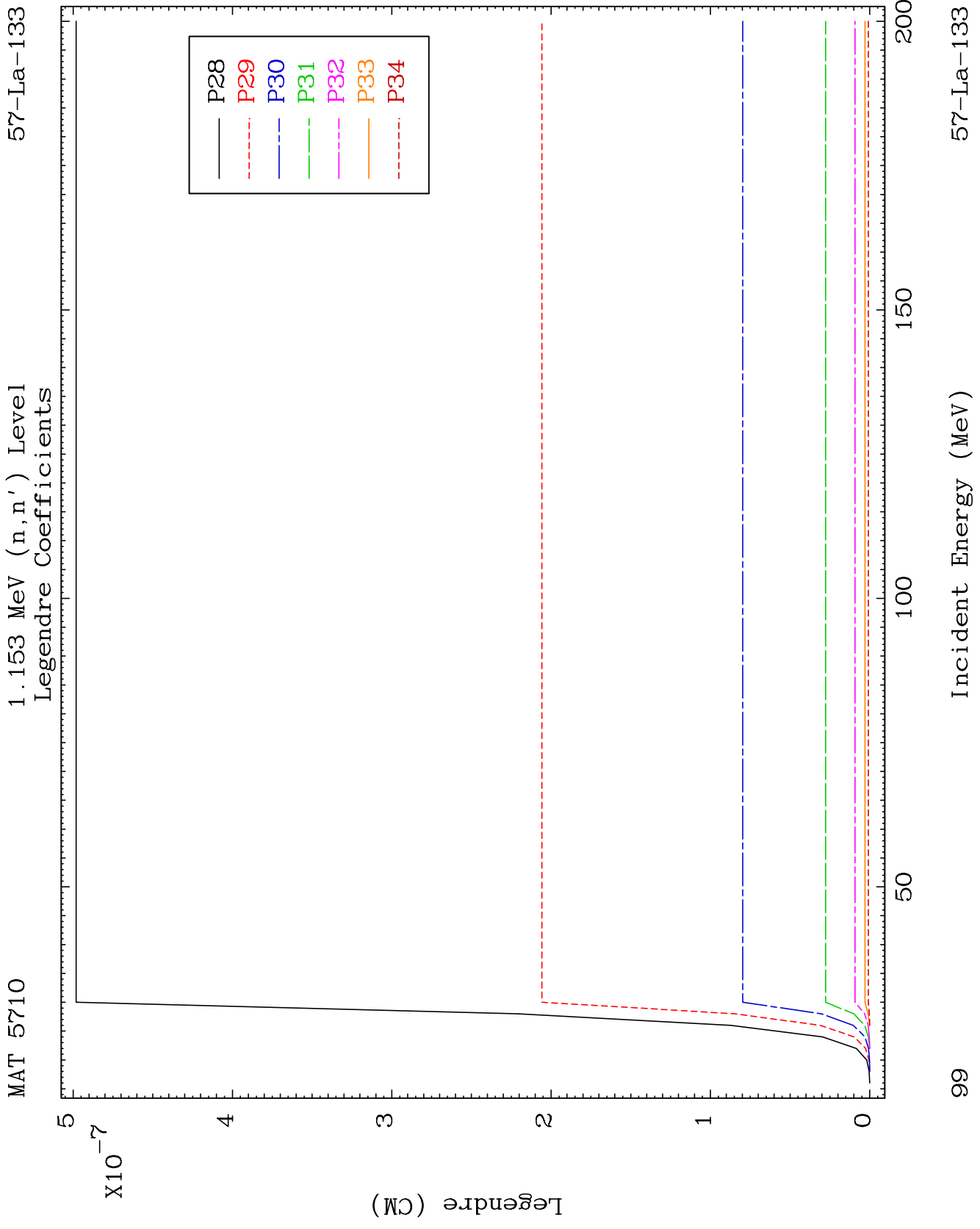


97

Incident Energy (MeV)

57-La-133

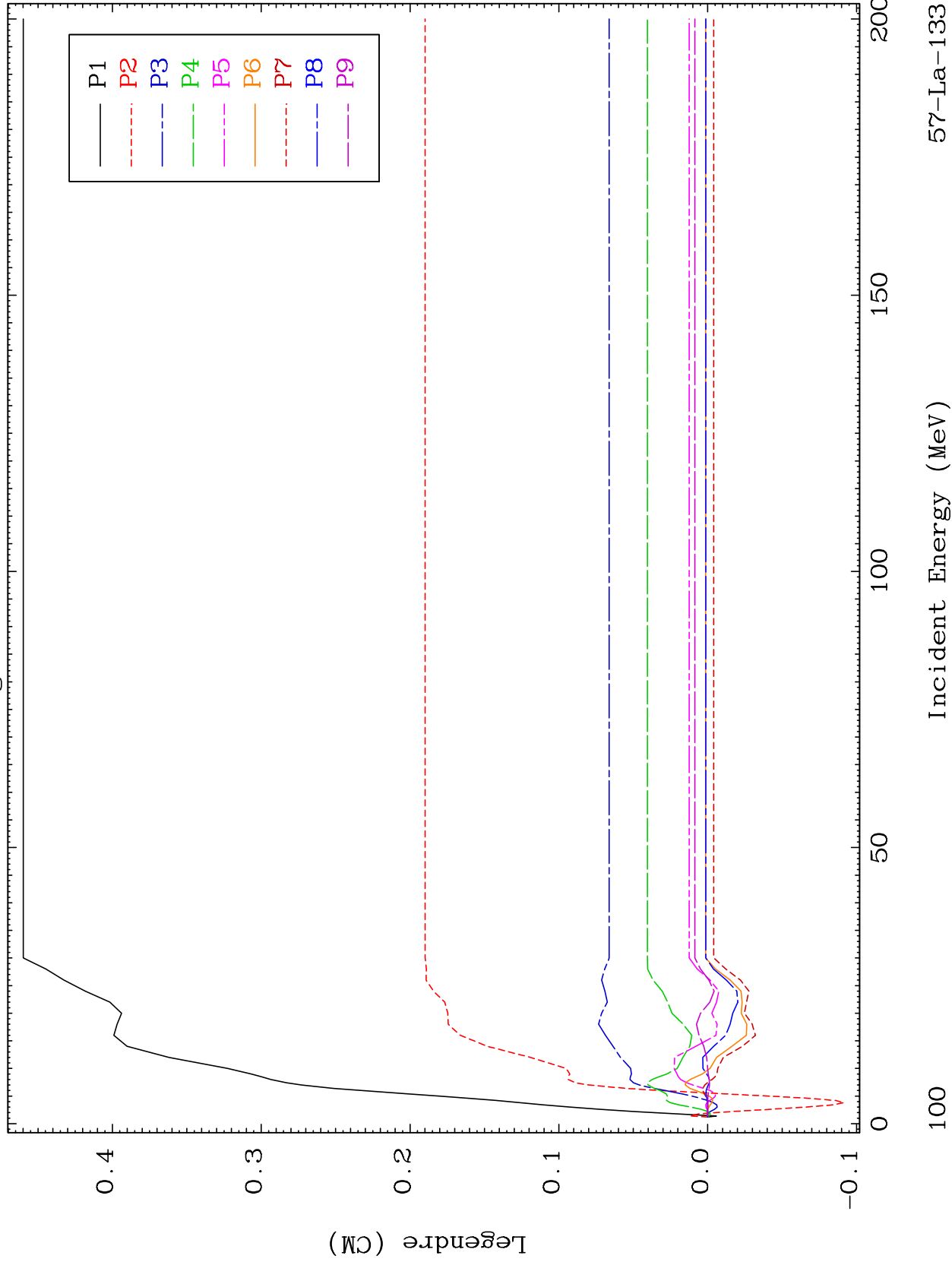




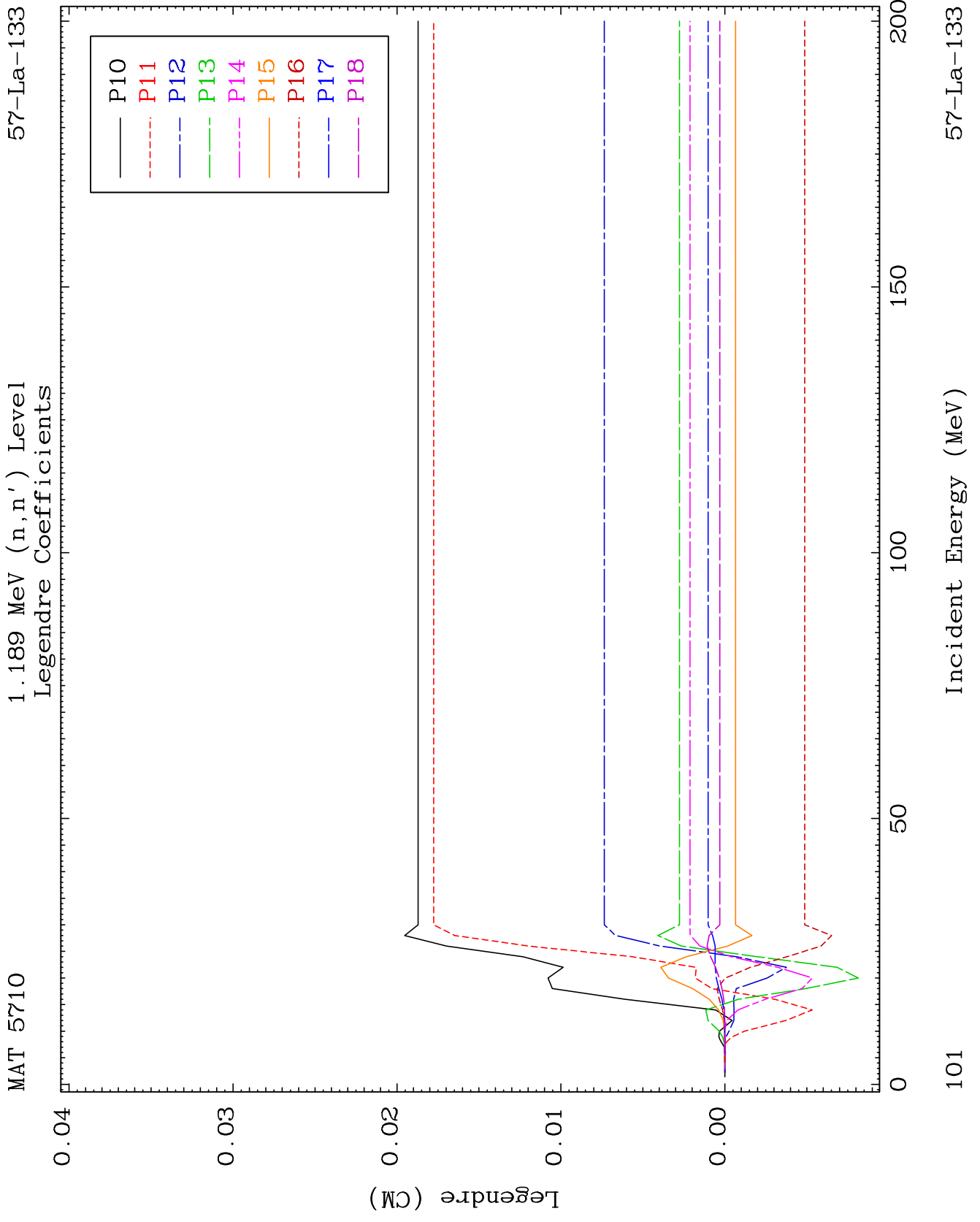
MAT 5710

1.189 MeV (n,n') Level
Legendre Coefficients

57-La-133



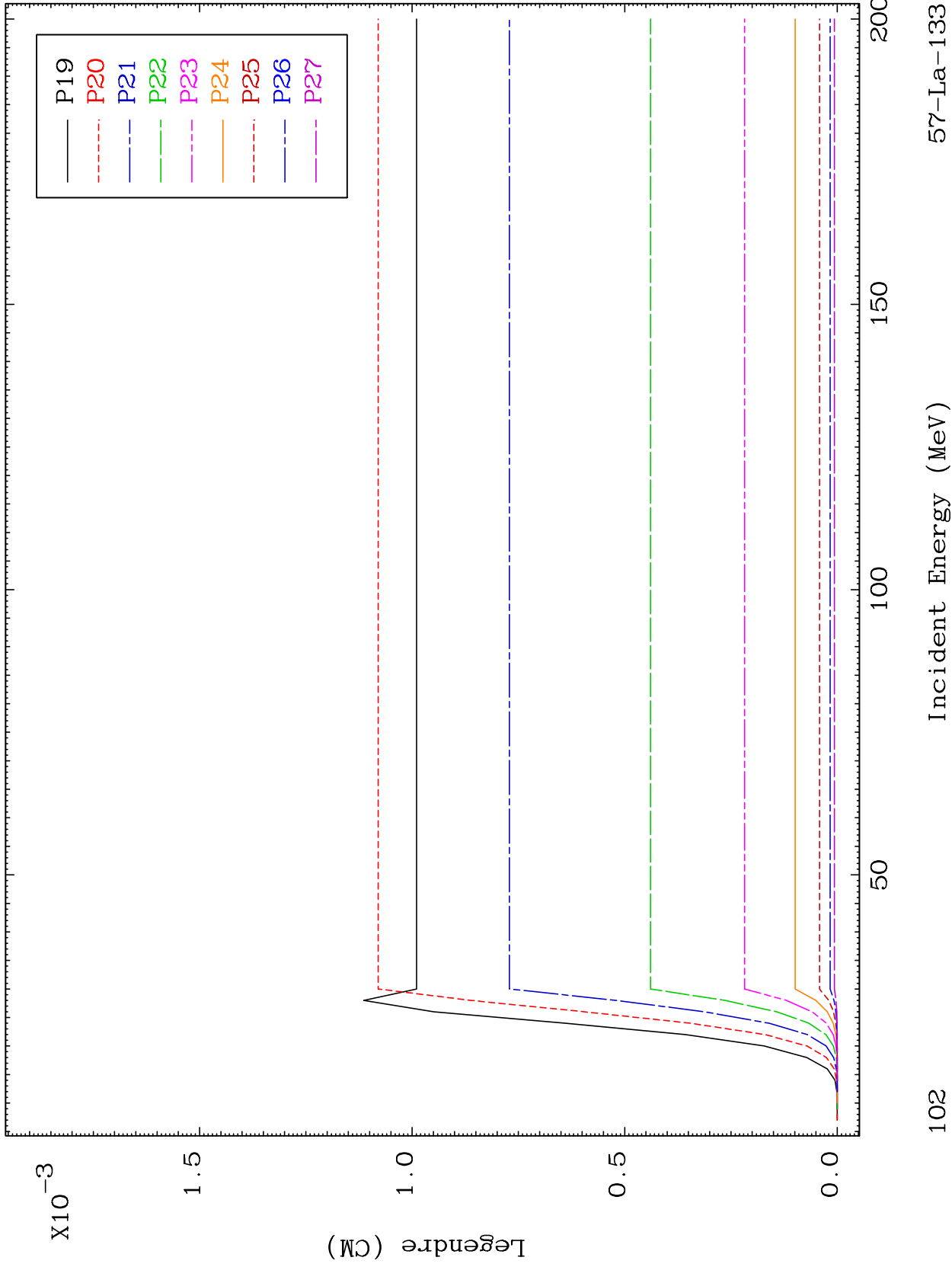
57-La-133



MAT 5710

1.189 MeV (n,n') Level
Legendre Coefficients

57-La-133



102

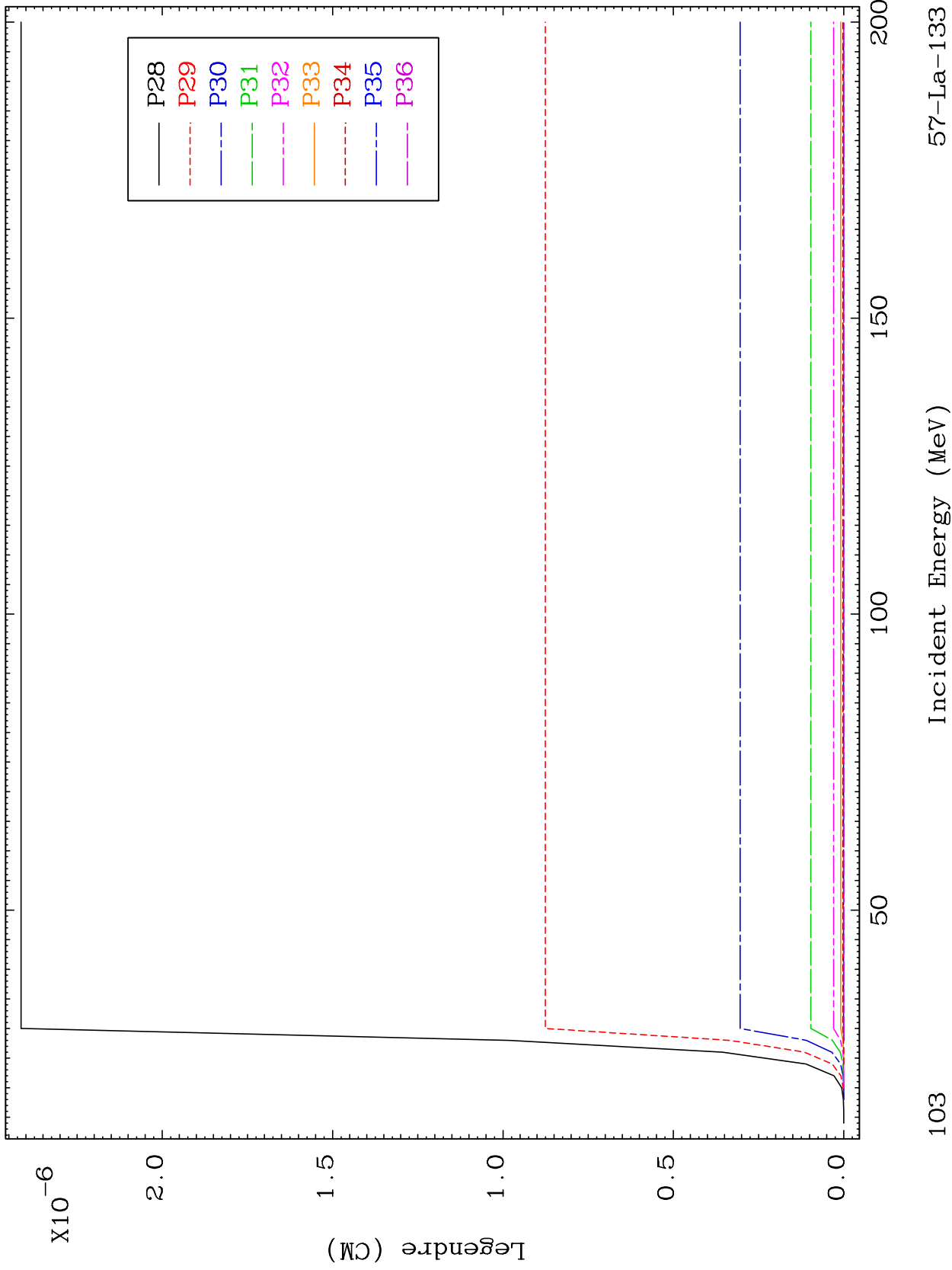
Incident Energy (MeV)

57-La-133

MAT 5710

1.189 MeV (n, n') Level
Legendre Coefficients

57-La-133



103

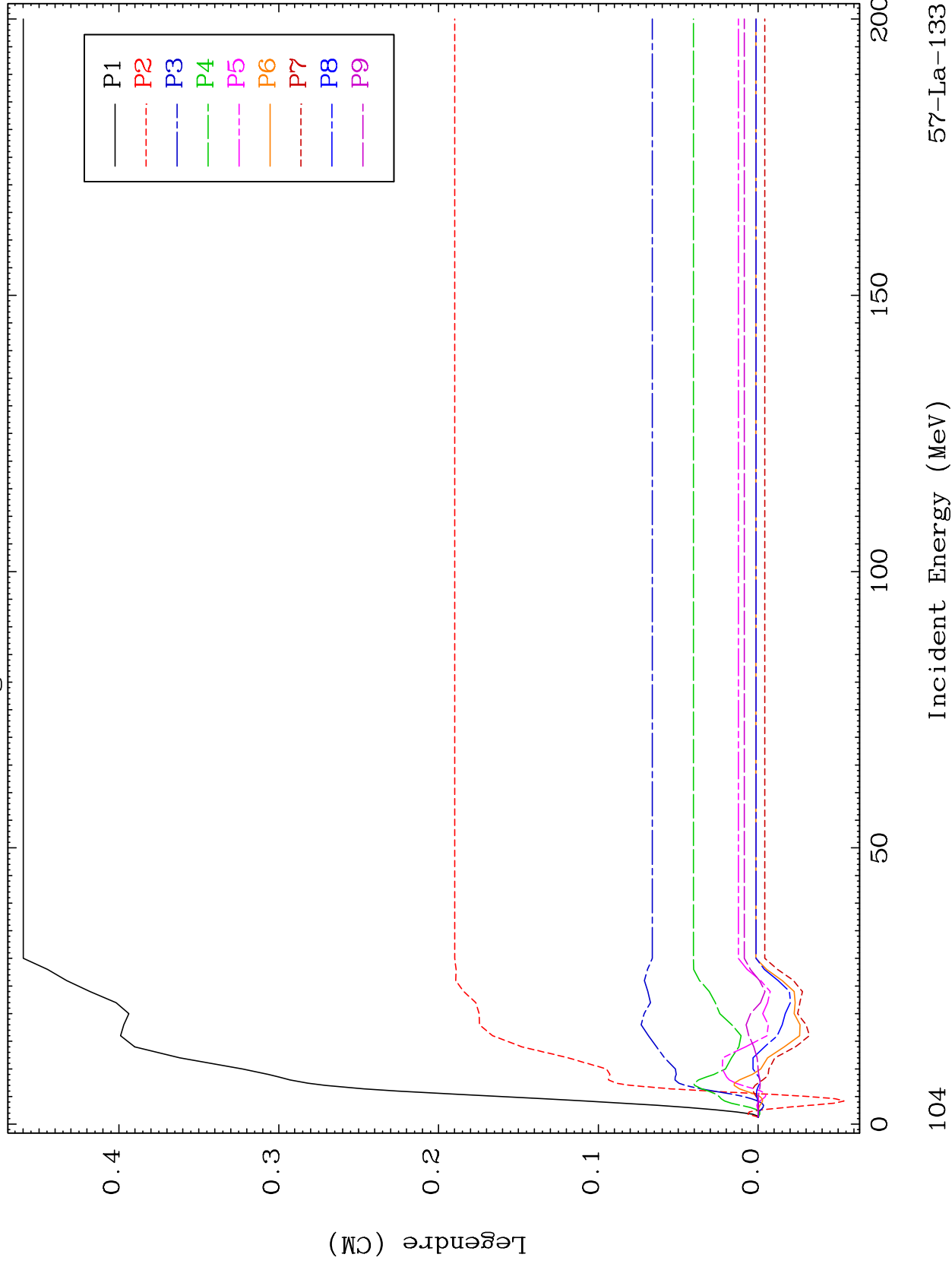
Incident Energy (MeV)

57-La-133

MAT 5710

1.195 MeV (n,n') Level
Legendre Coefficients

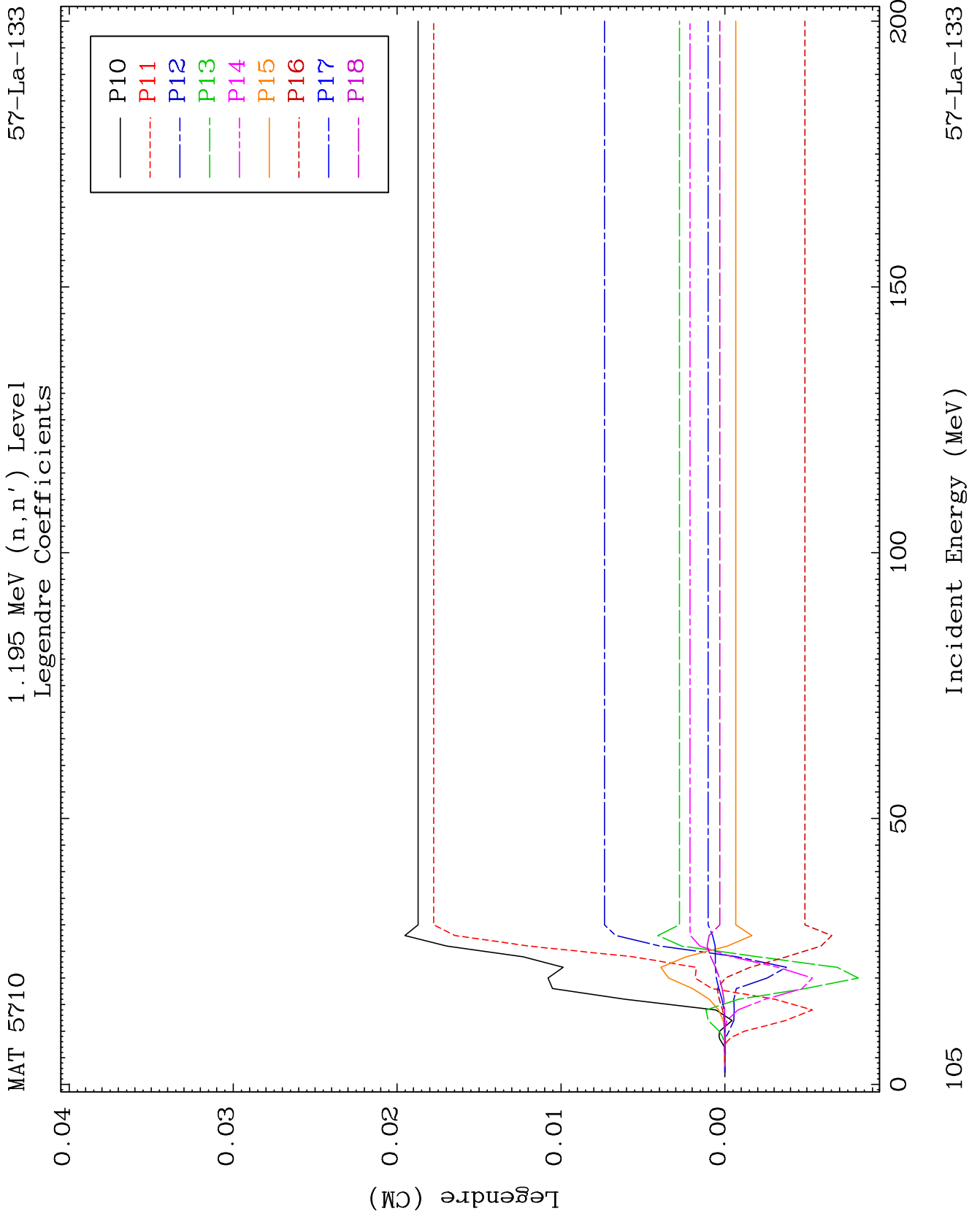
57-La-133



57-La-133

Incident Energy (MeV)

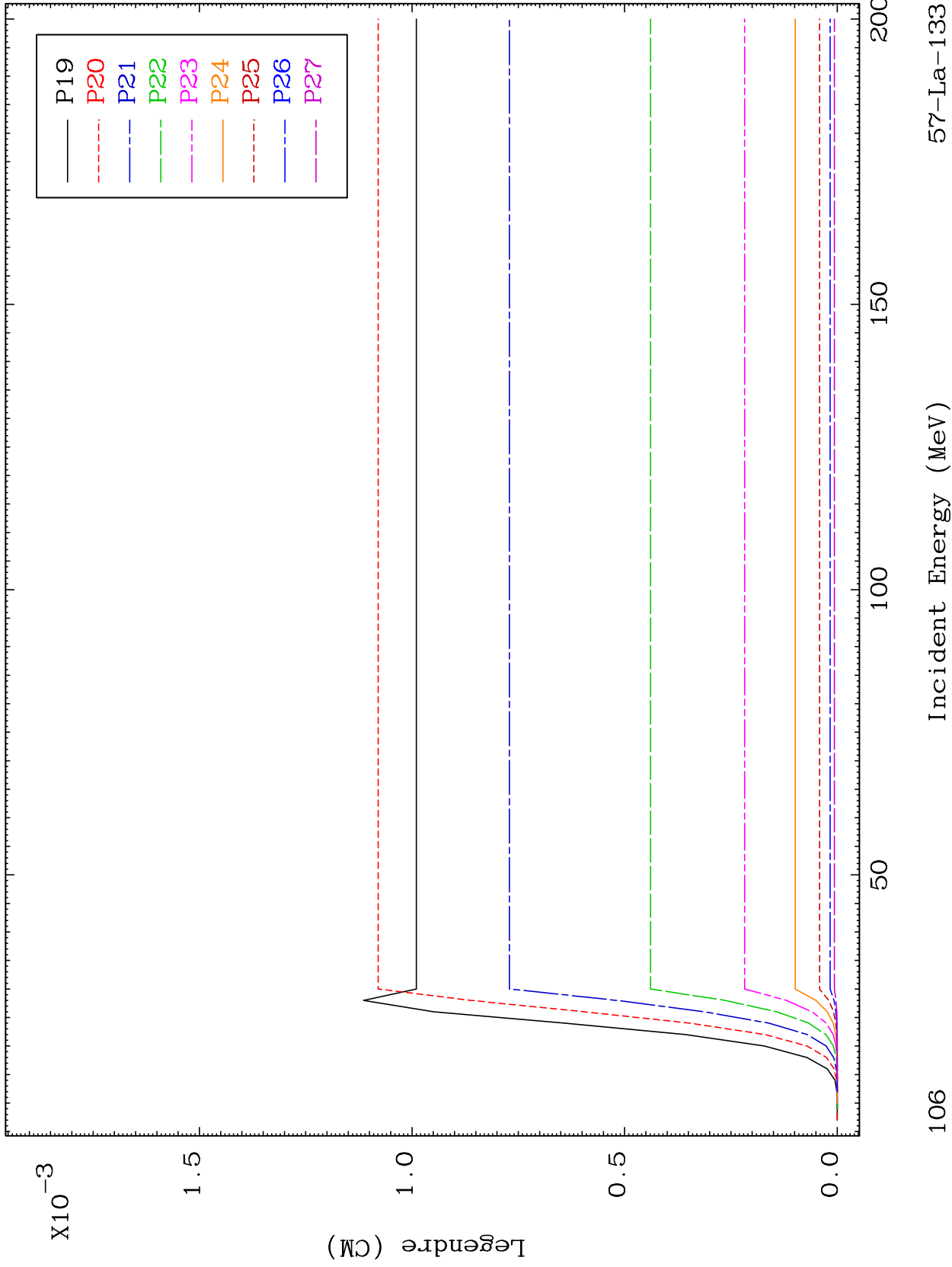
104



MAT 5710

1.195 MeV (n,n') Level
Legendre Coefficients

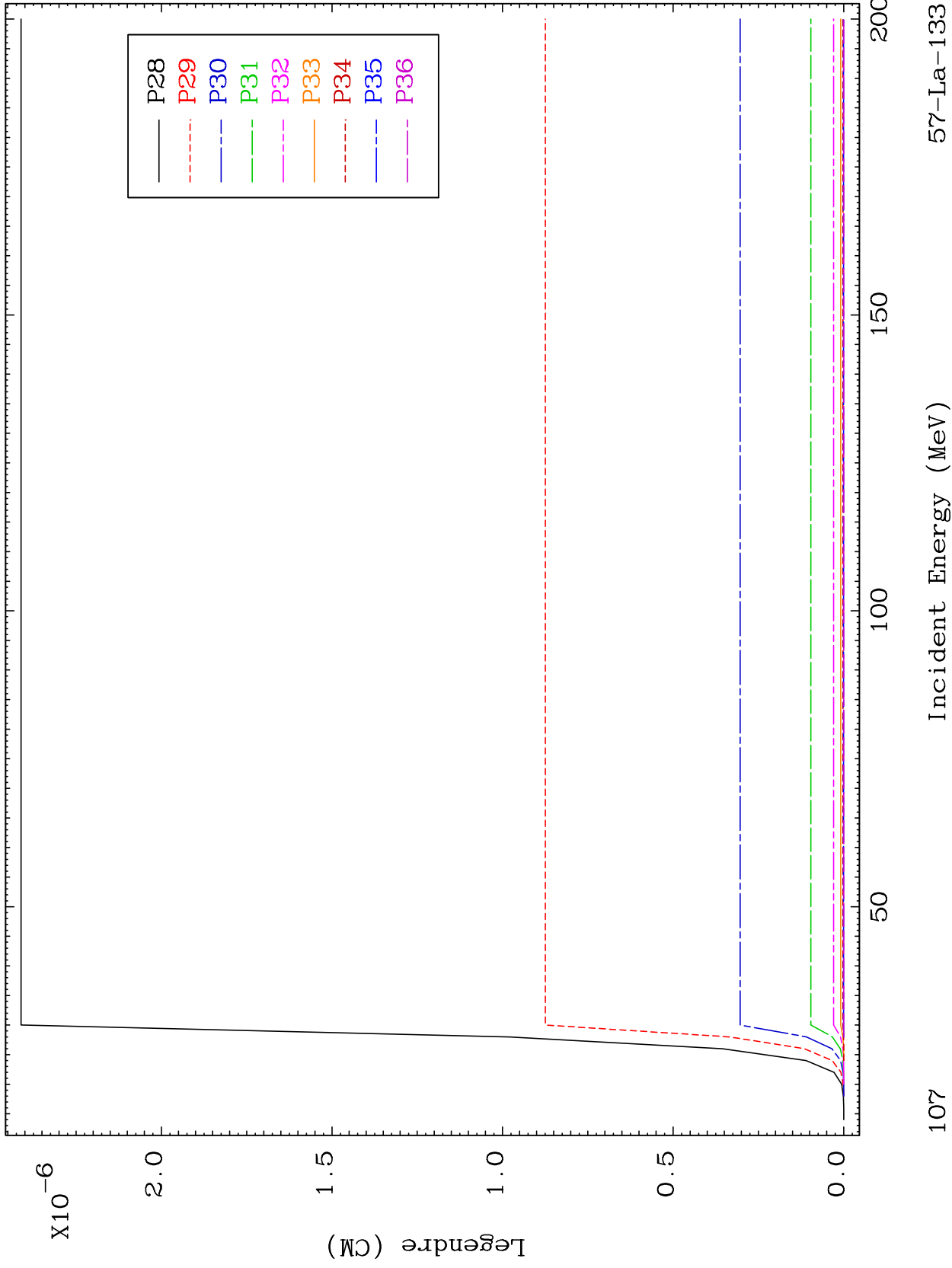
57-La-133



MAT 5710

1.195 MeV (n, n') Level
Legendre Coefficients

57-La-133



107

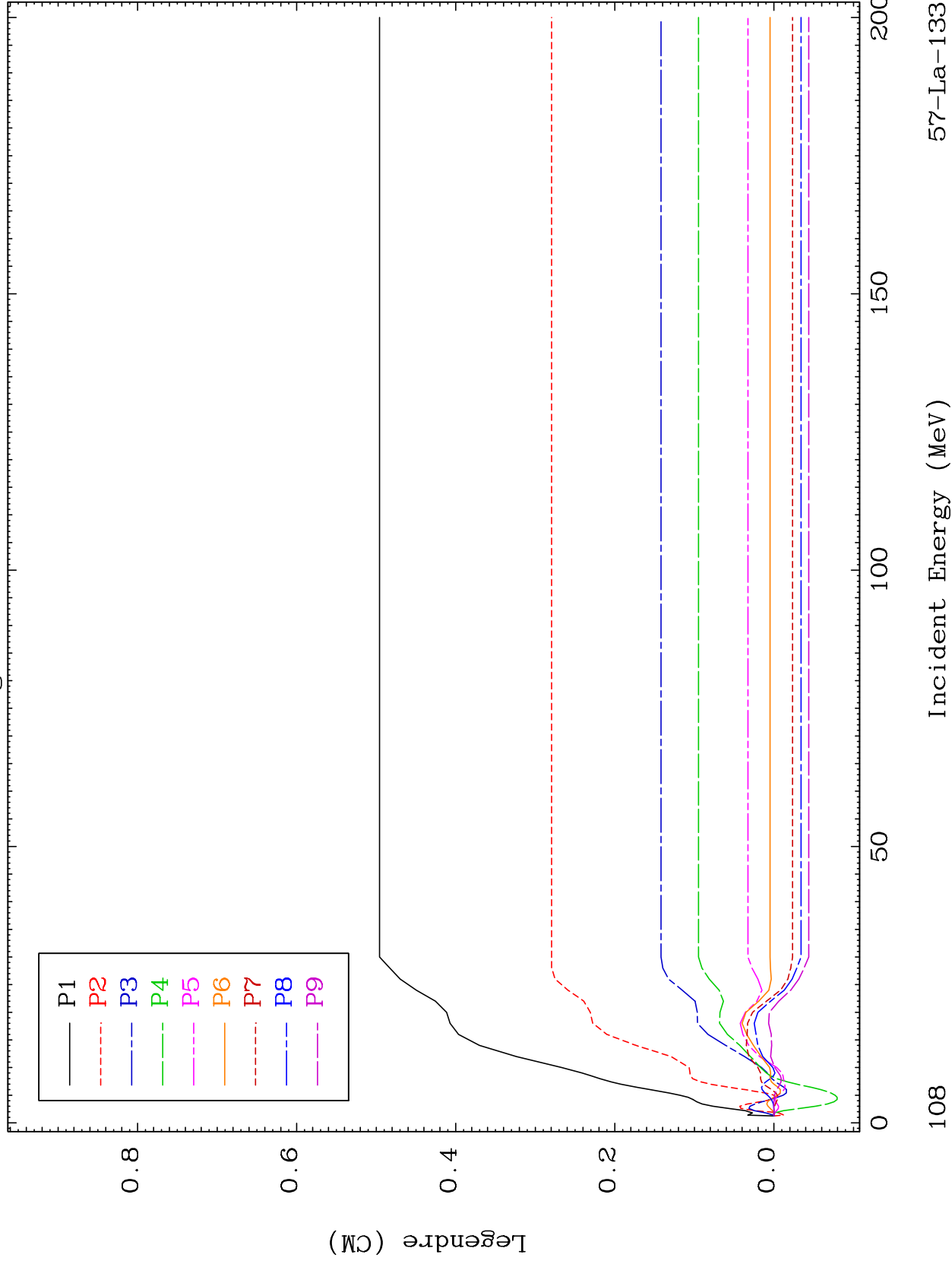
Incident Energy (MeV)

57-La-133

MAT 5710

1.219 MeV (n,n') Level
Legendre Coefficients

57-La-133



57-La-133

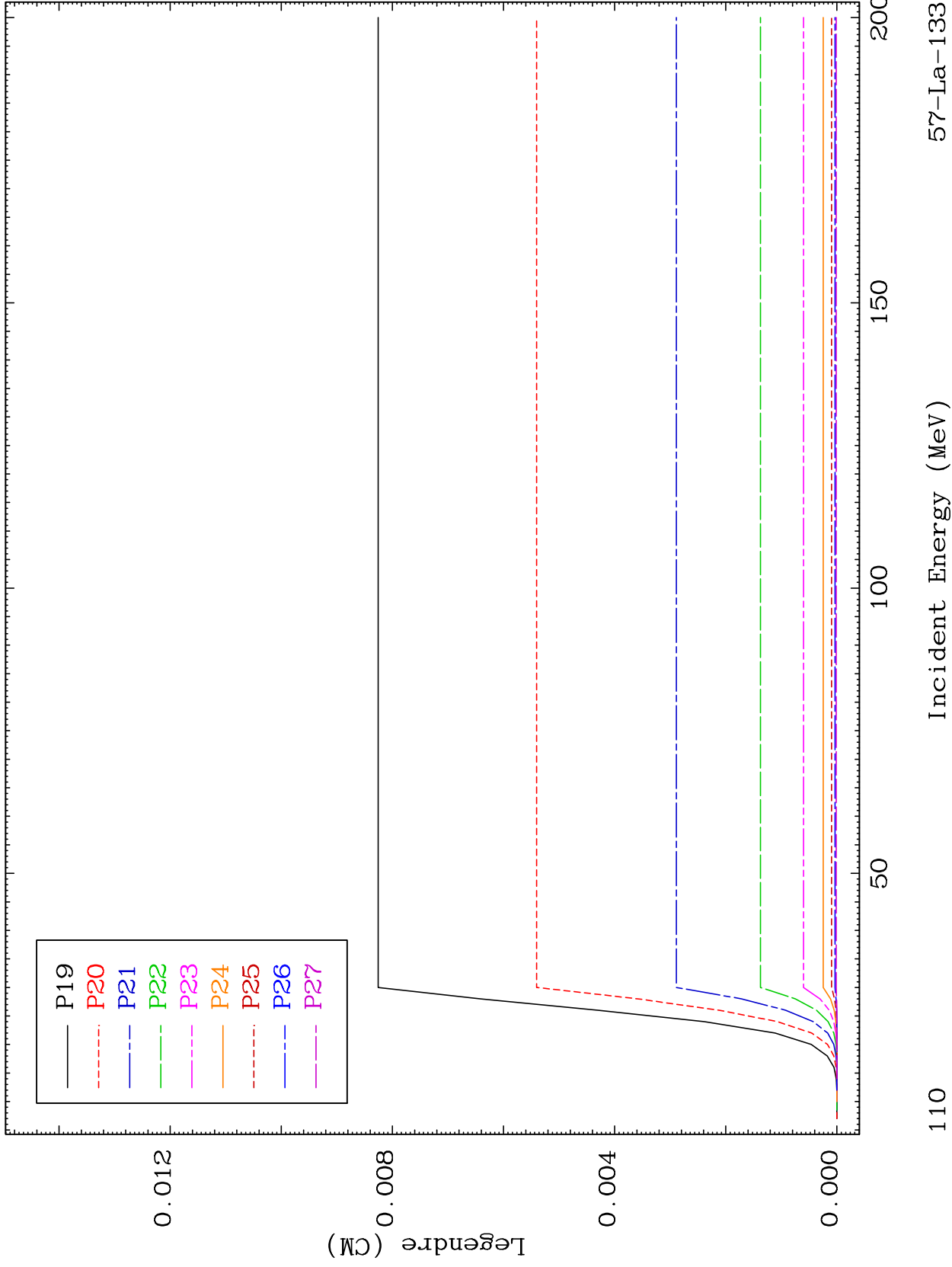
Incident Energy (MeV)

108

MAT 5710

1.219 MeV (n,n') Level
Legendre Coefficients

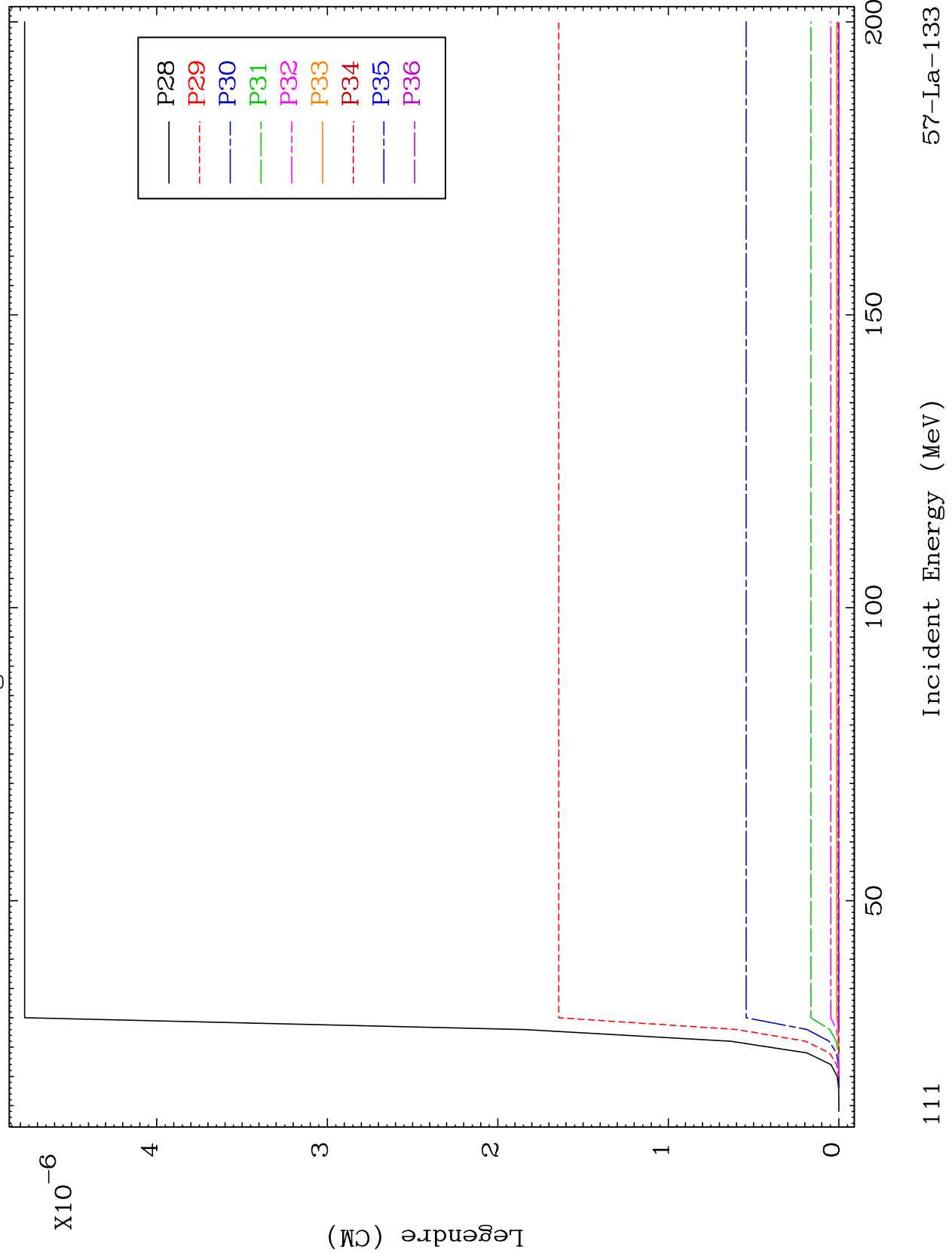
57-La-133

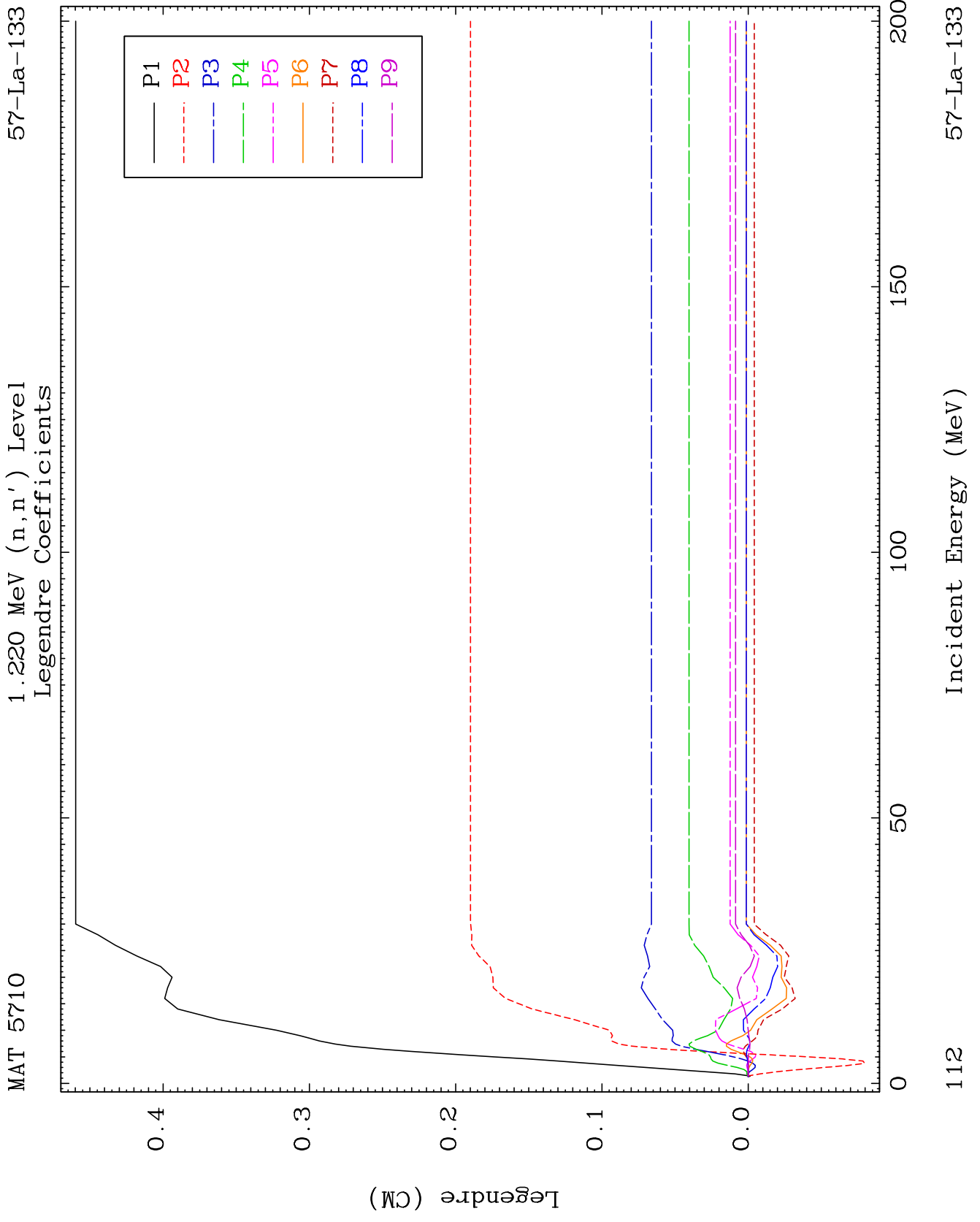


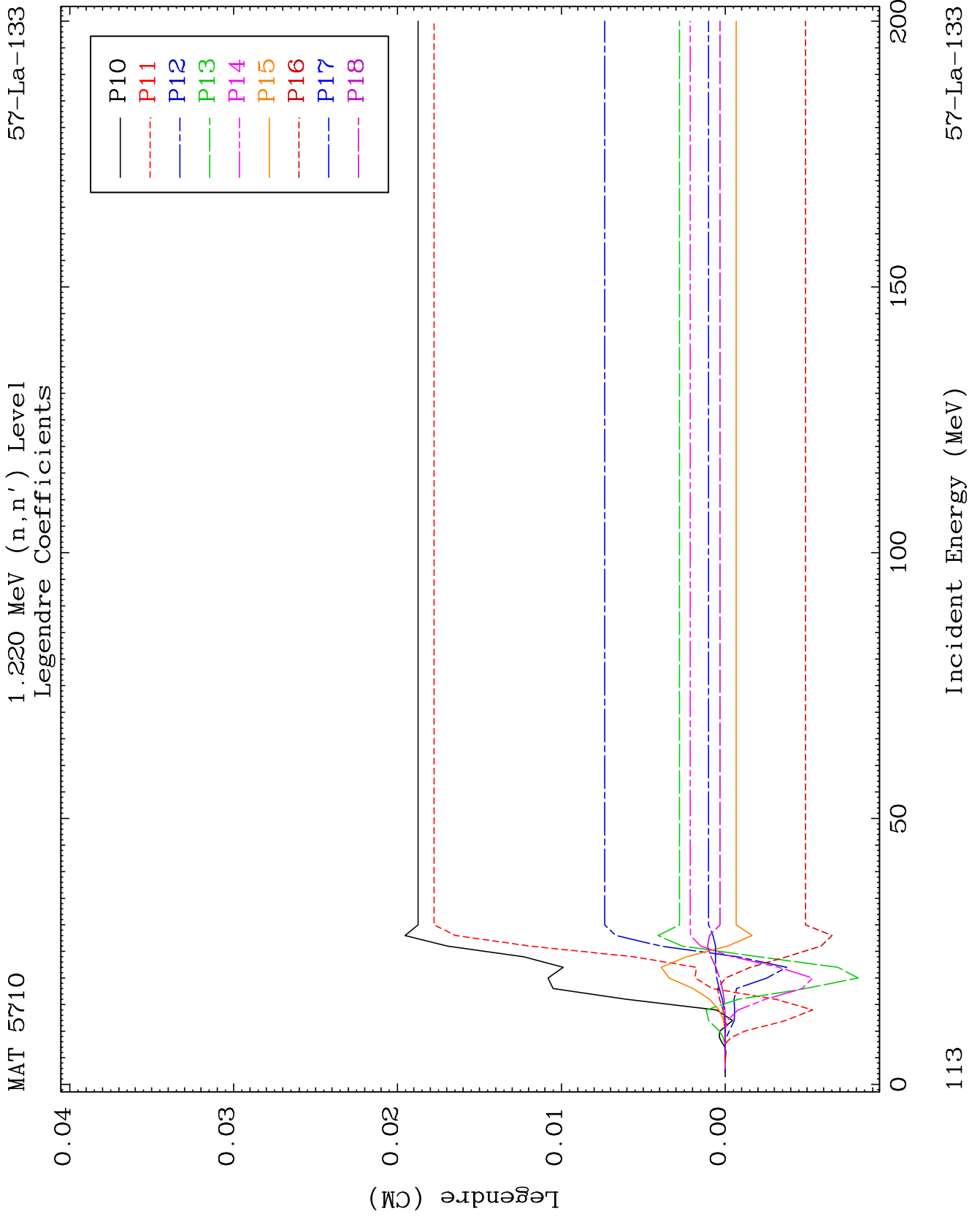
110

Incident Energy (MeV)

57-La-133



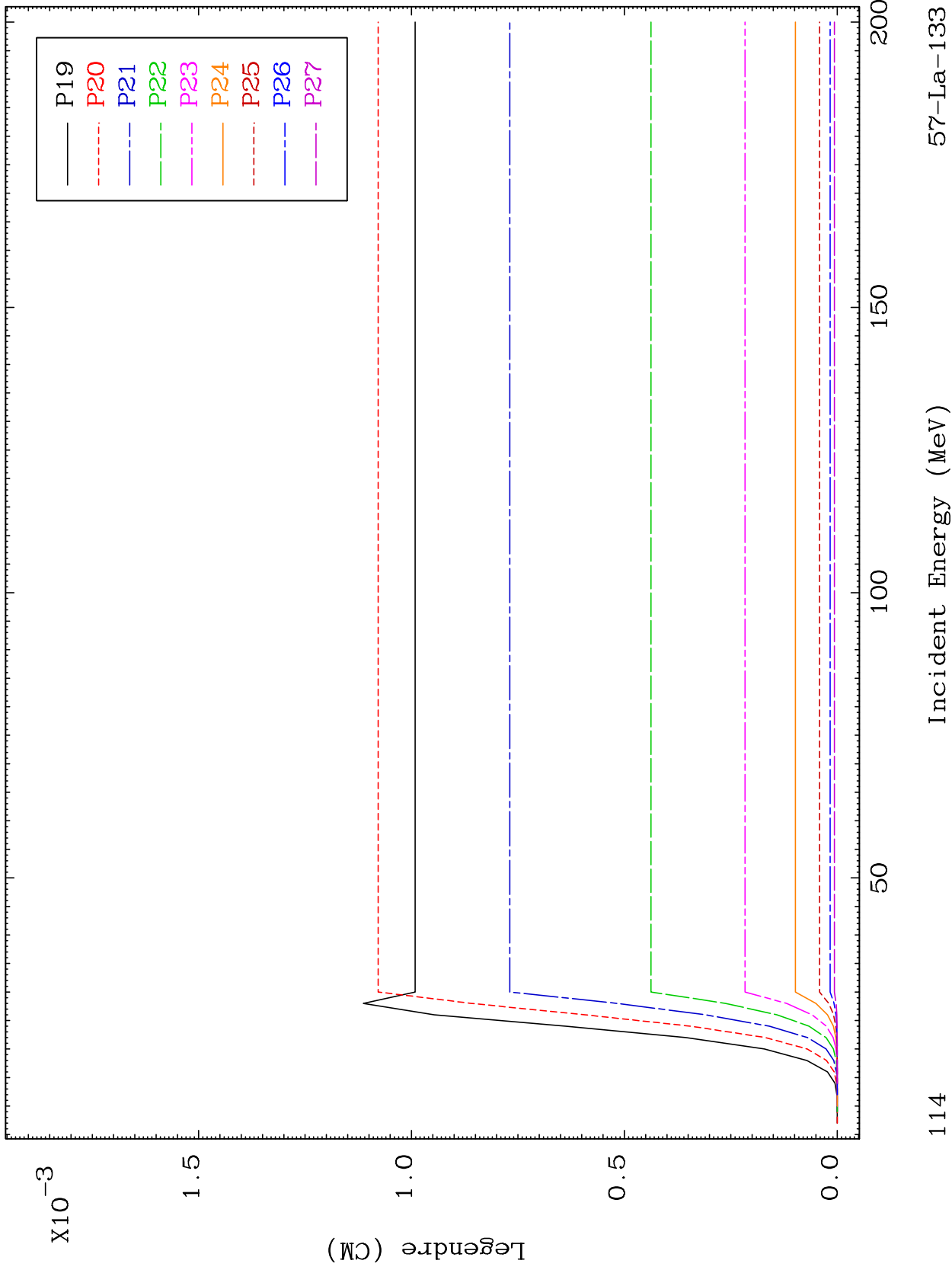




MAT 5710

1.220 MeV (n,n') Level
Legendre Coefficients

57-La-133



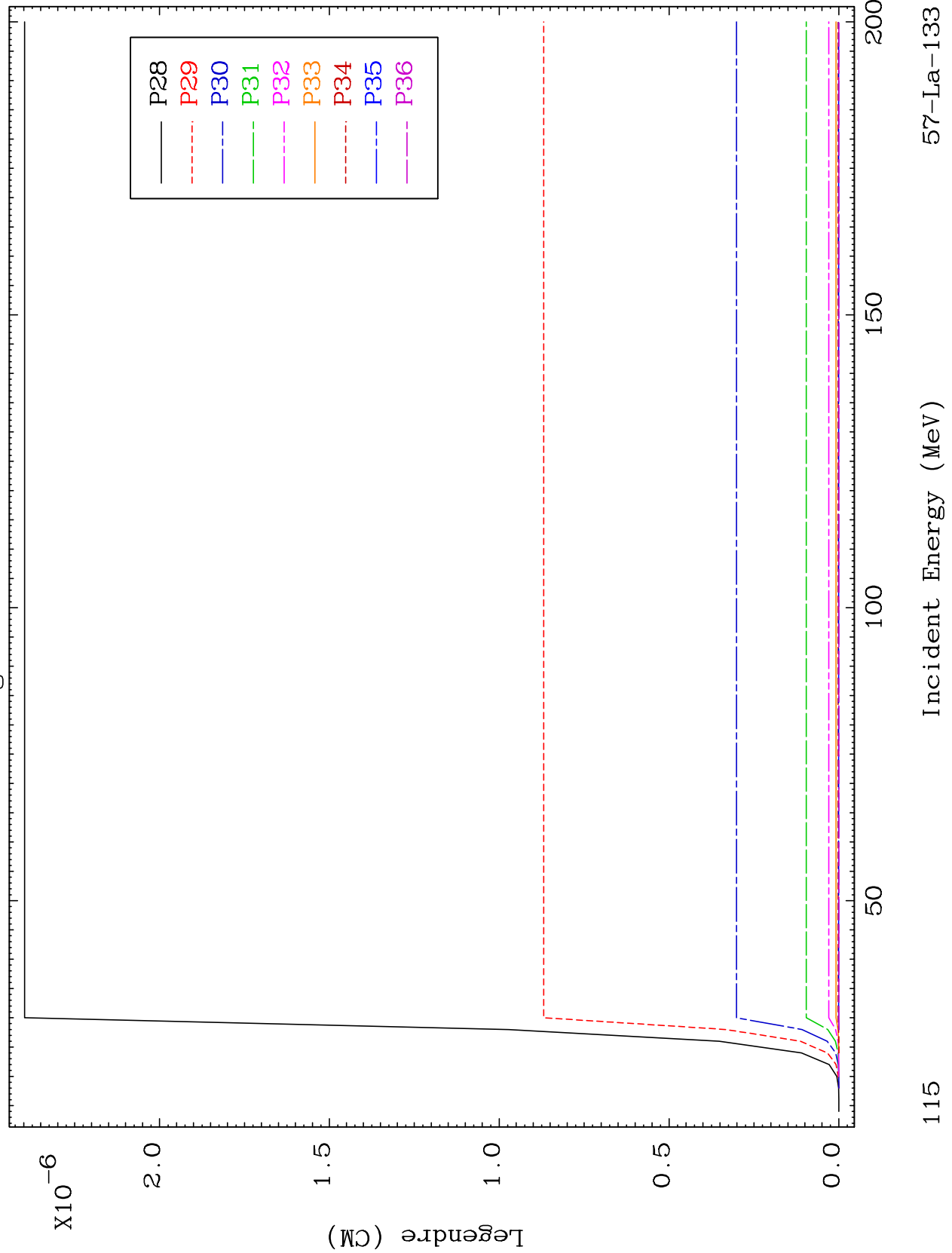
114

57-La-133

MAT 5710

1.220 MeV (n, n') Level
Legendre Coefficients

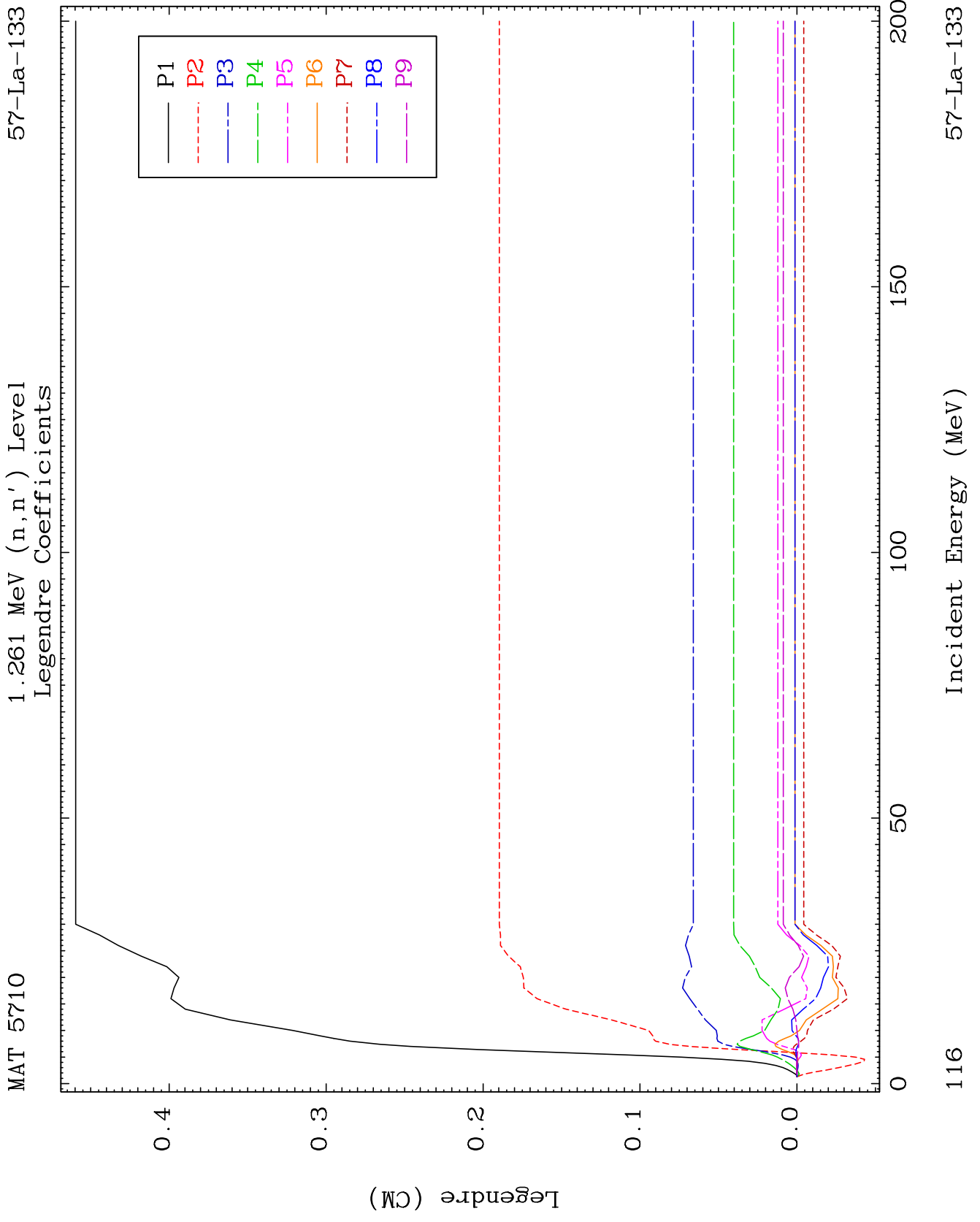
57-La-133

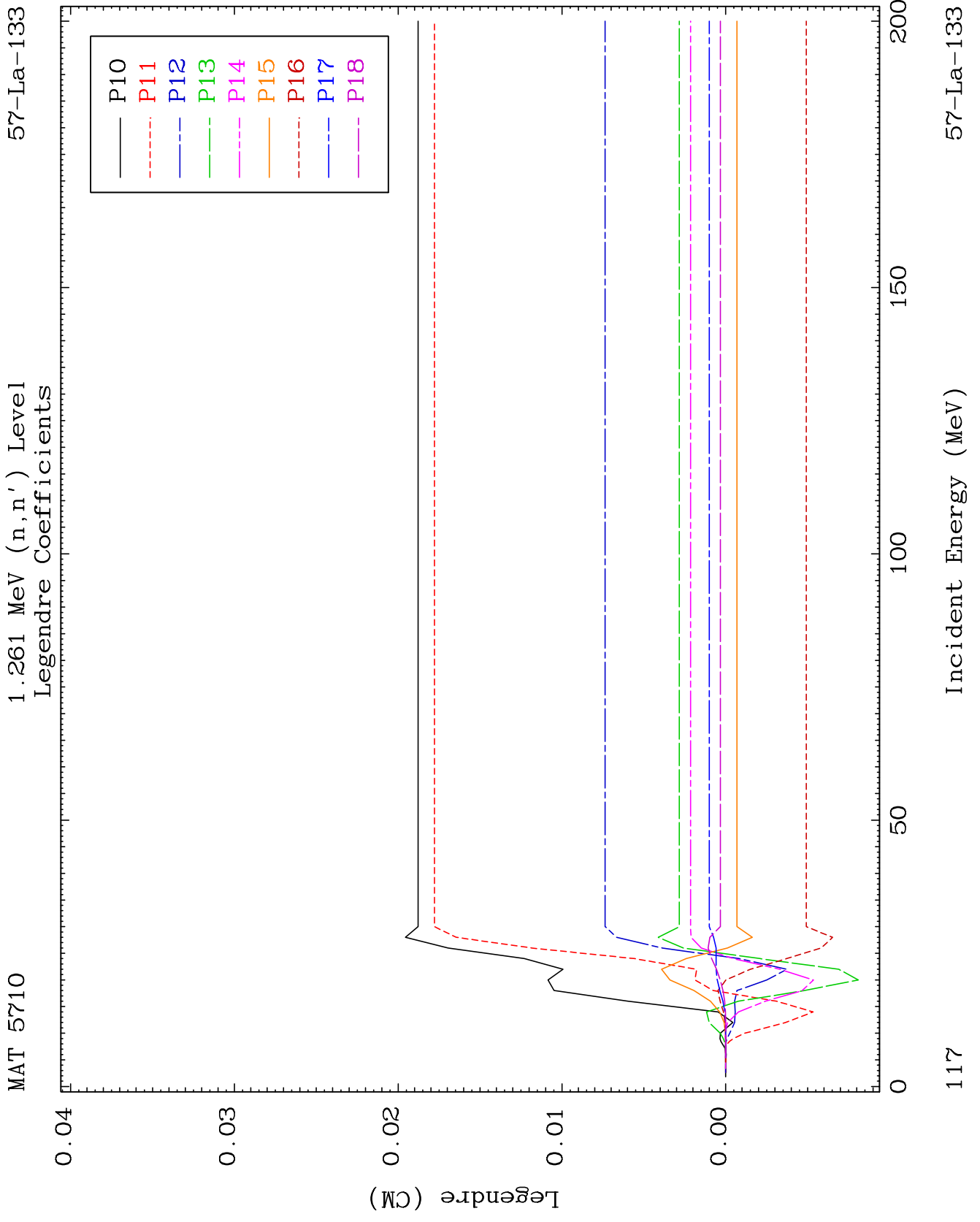


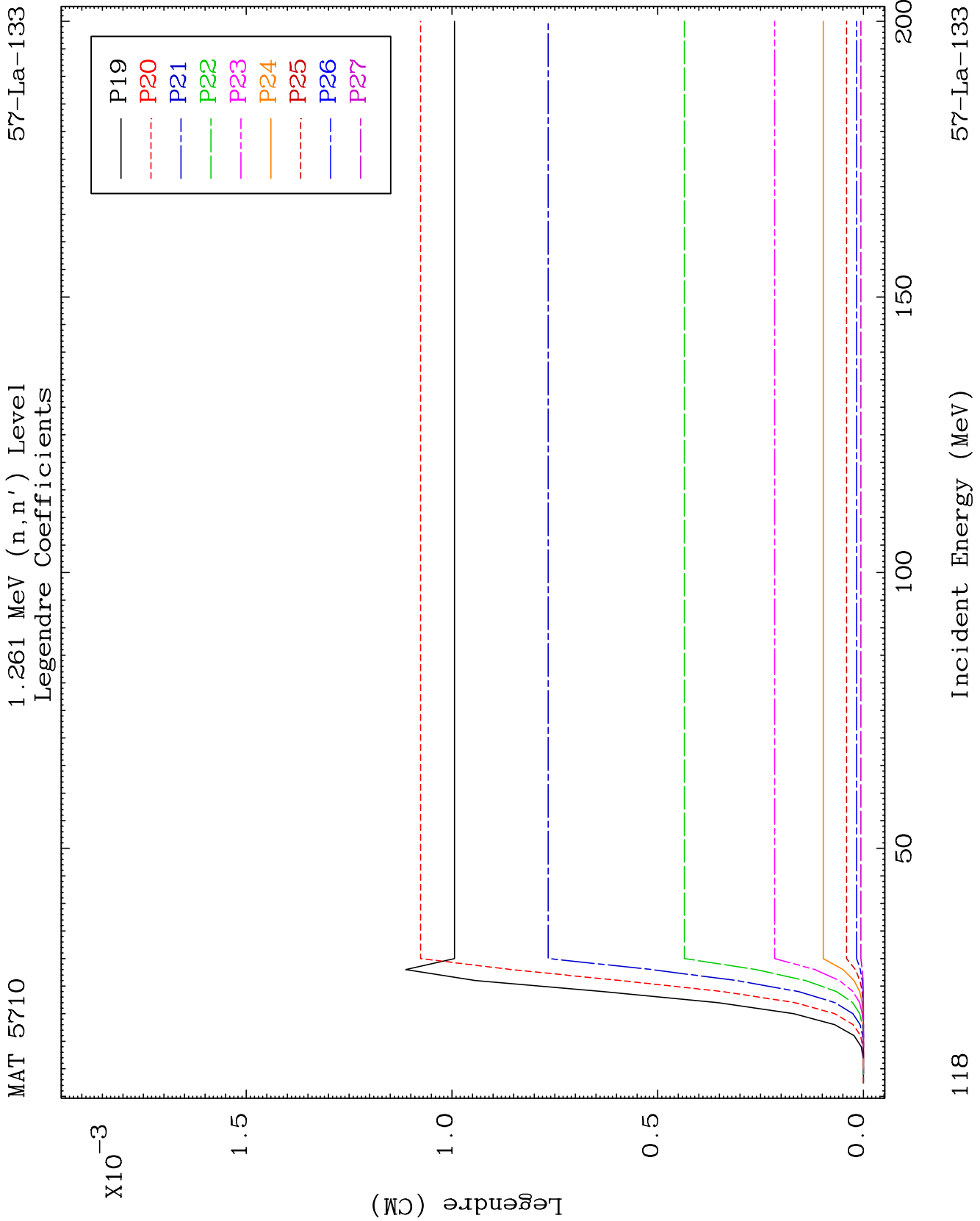
57-La-133

Incident Energy (MeV)

115



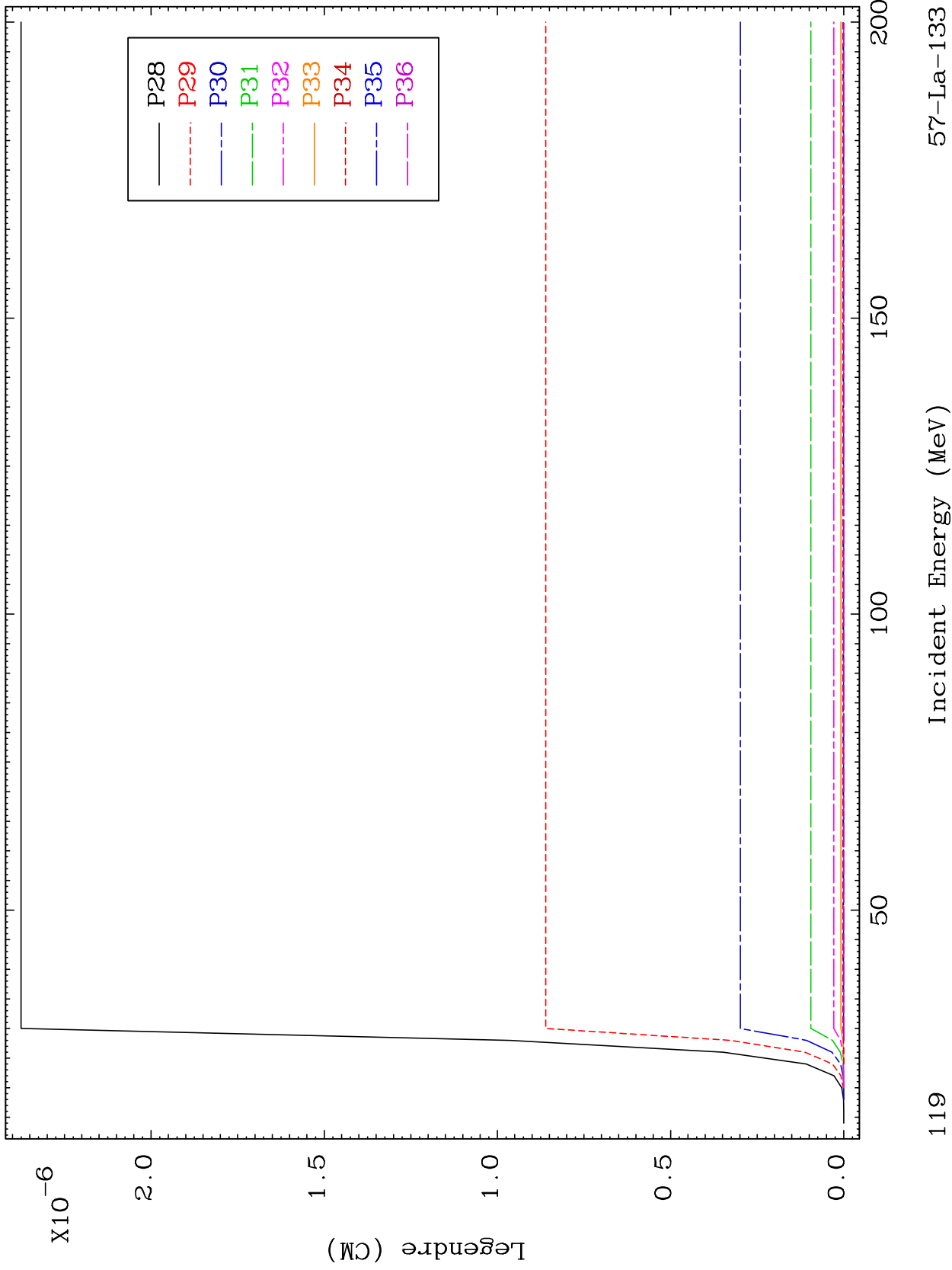




MAT 5710

1.261 MeV (n,n') Level
Legendre Coefficients

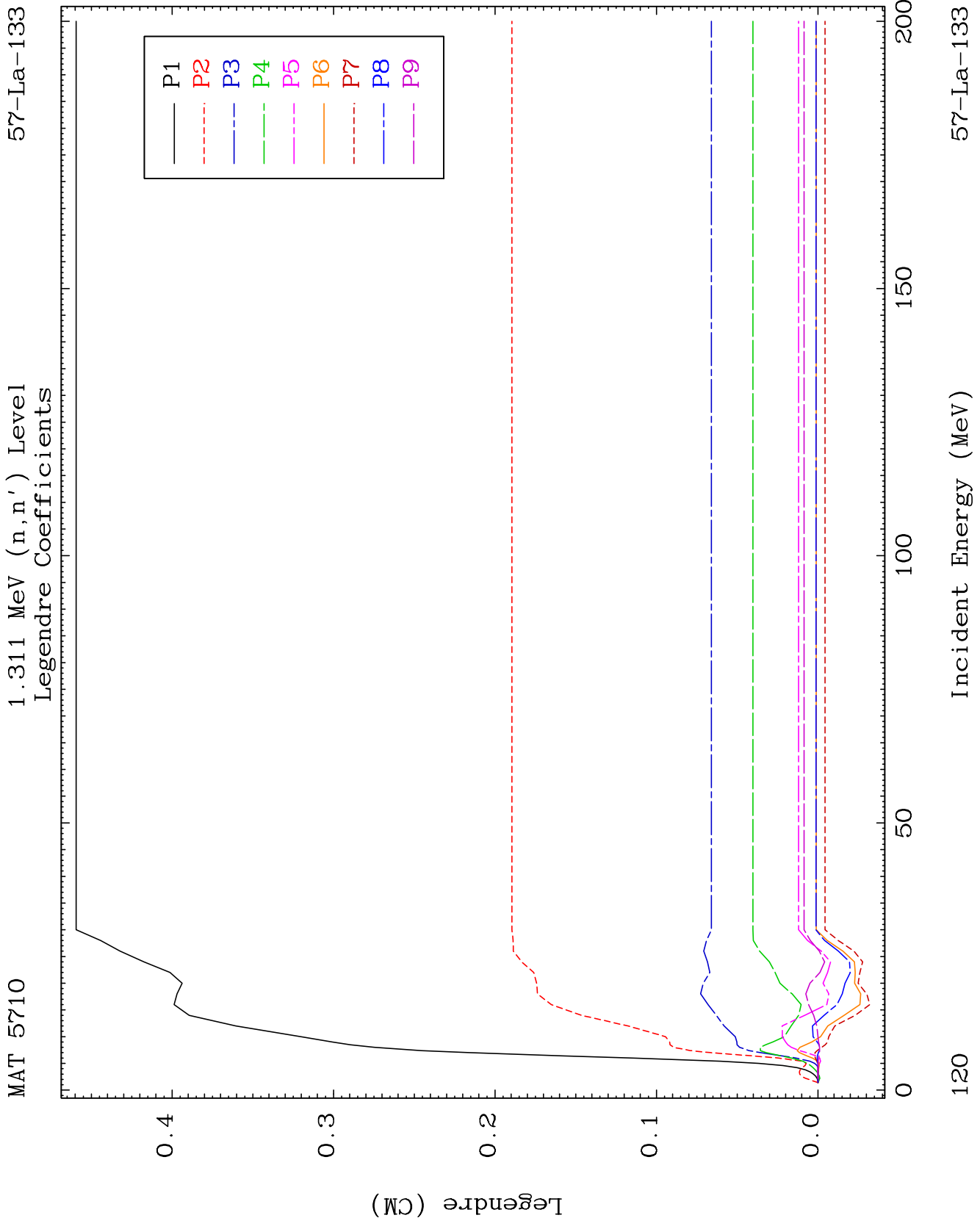
57-La-133

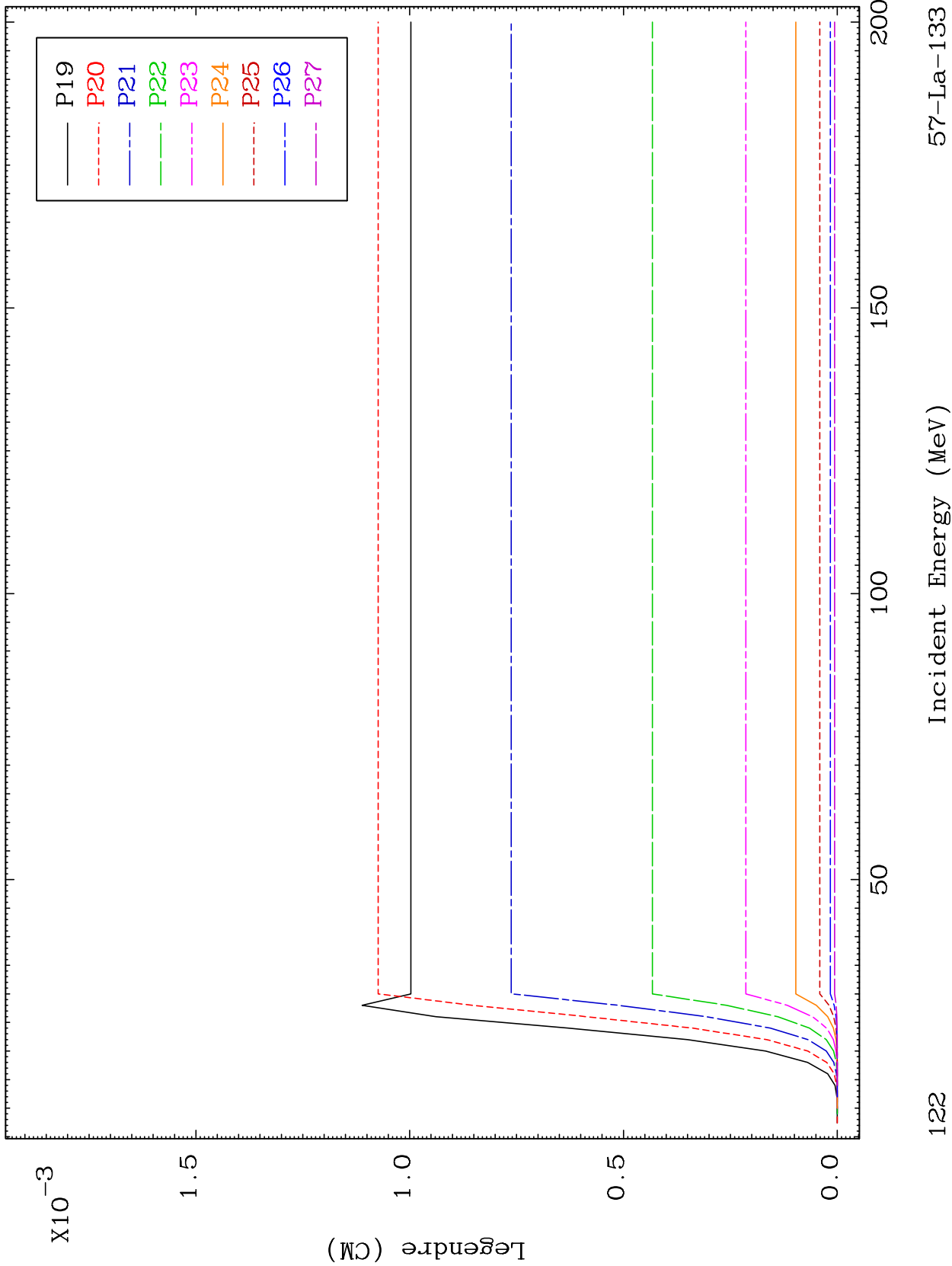


119

Incident Energy (MeV)

57-La-133

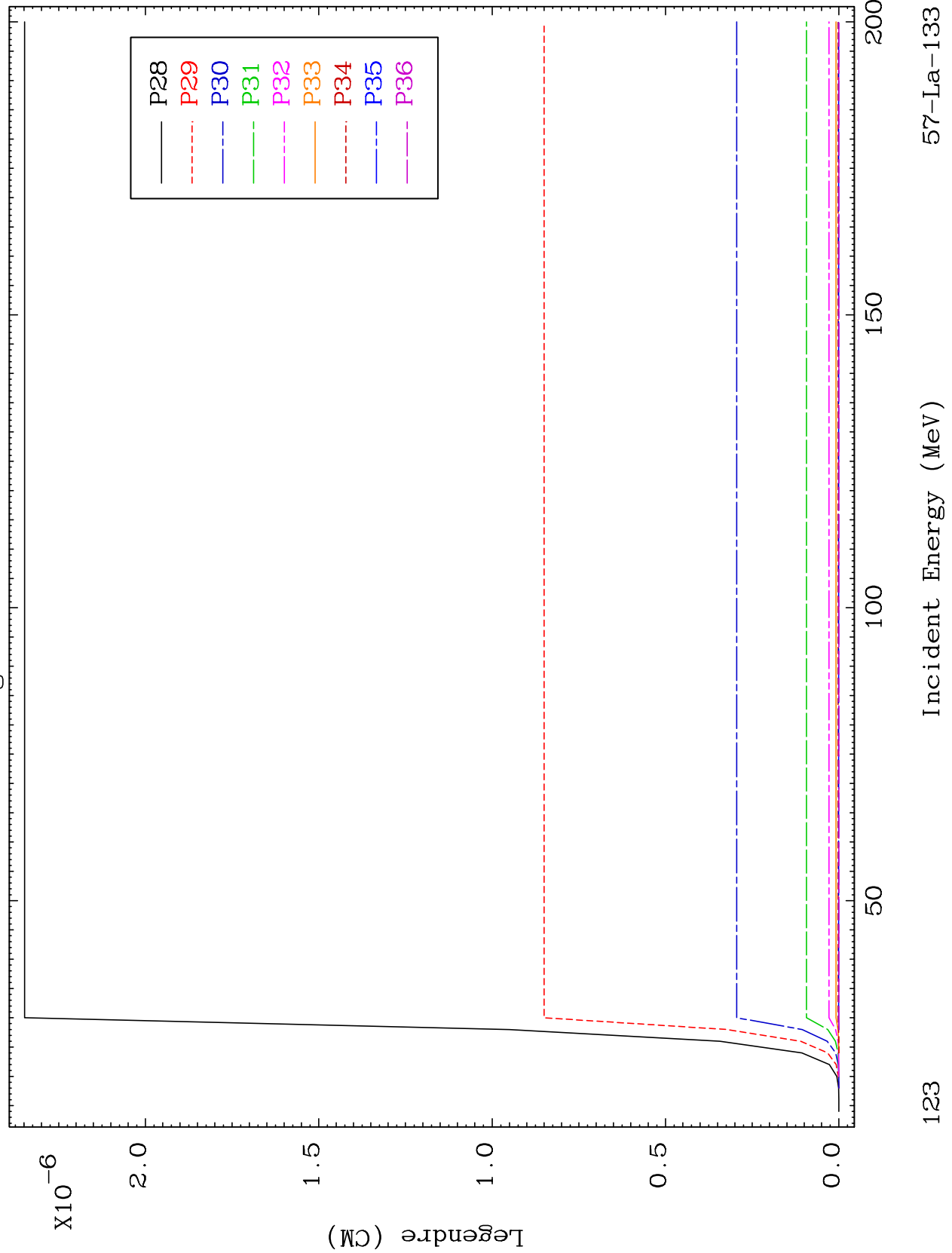




MAT 5710

1.311 MeV (n, n') Level
Legendre Coefficients

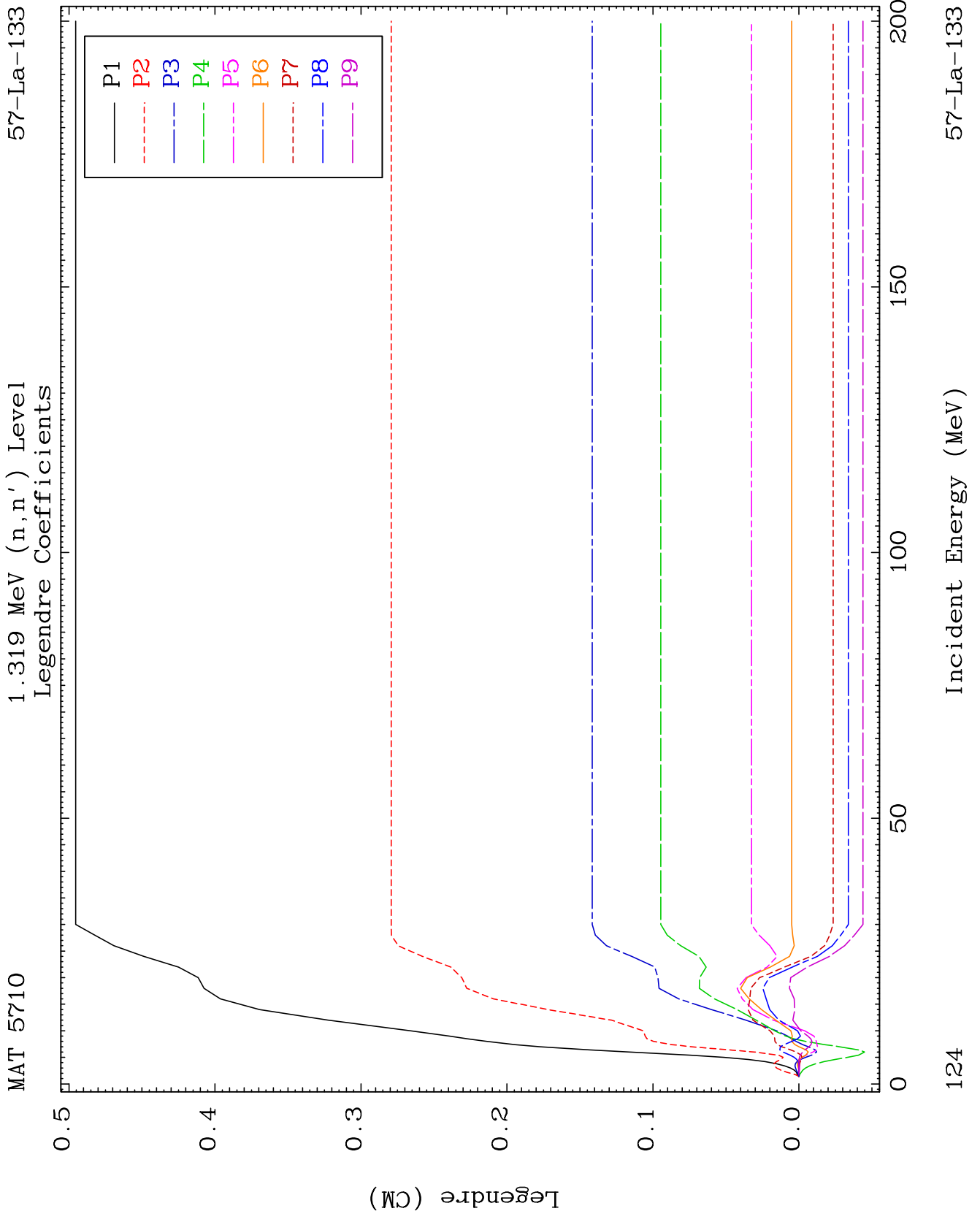
57-La-133

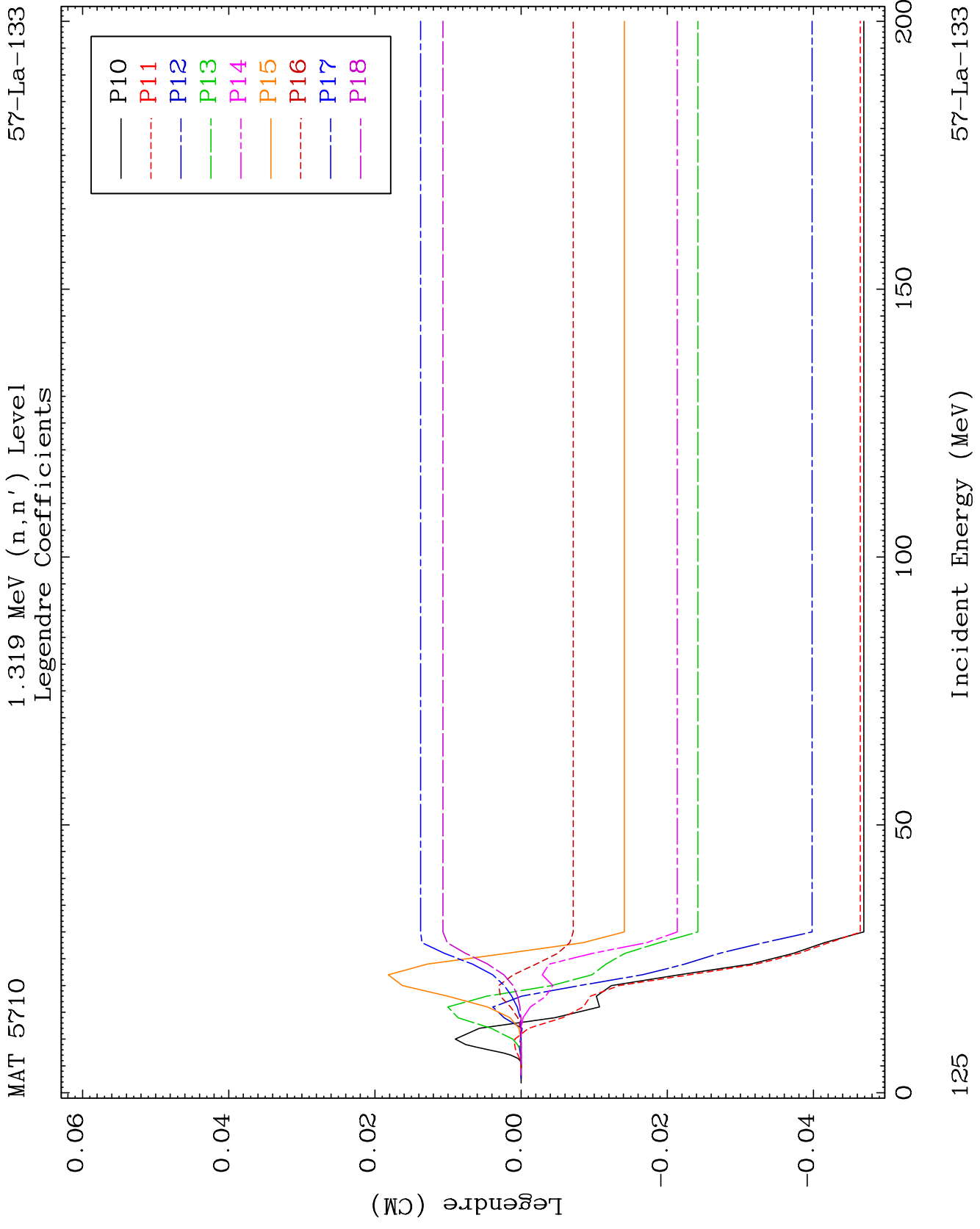


57-La-133

Incident Energy (MeV)

123

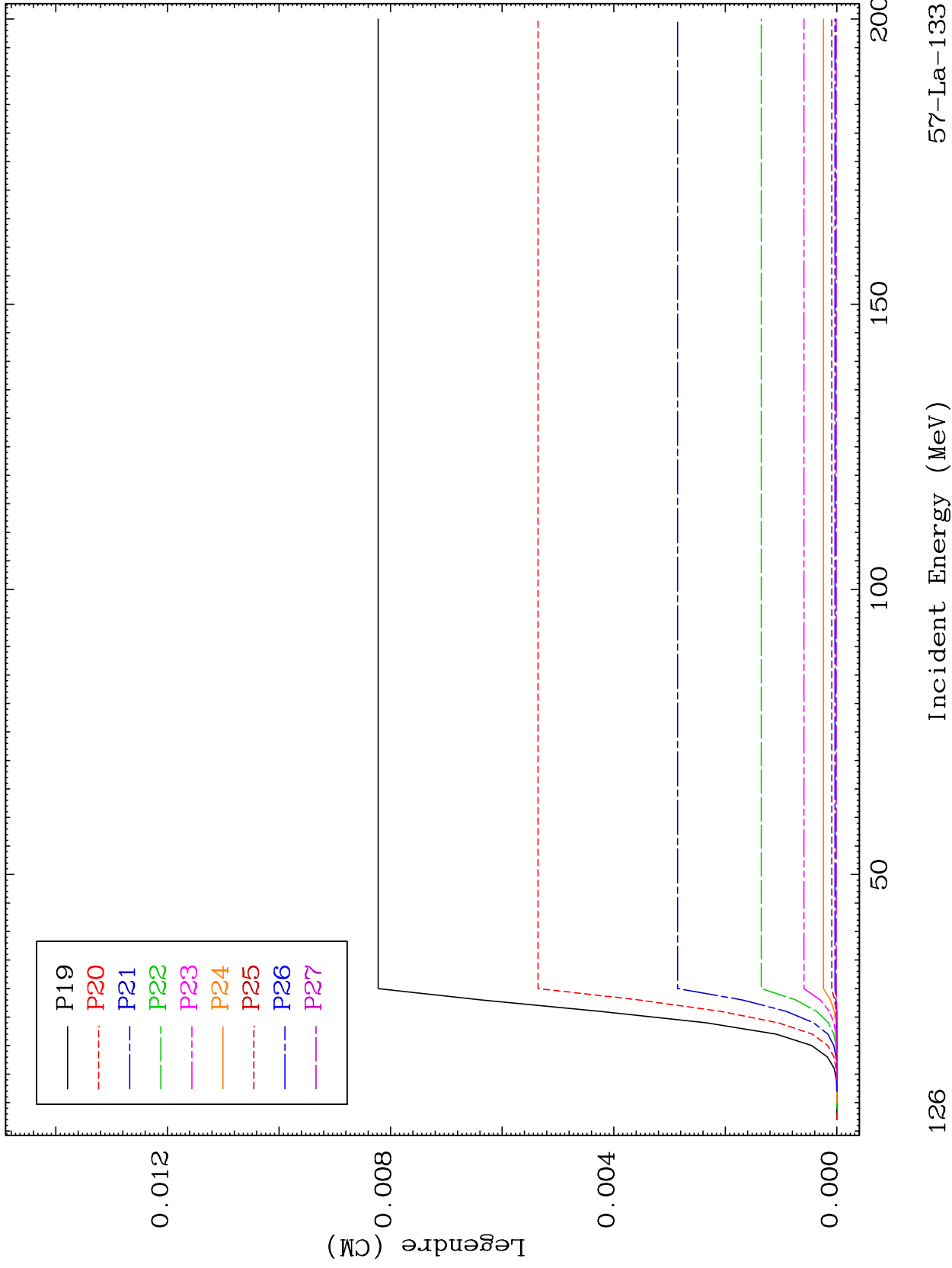




MAT 5710

1.319 MeV (n,n') Level
Legendre Coefficients

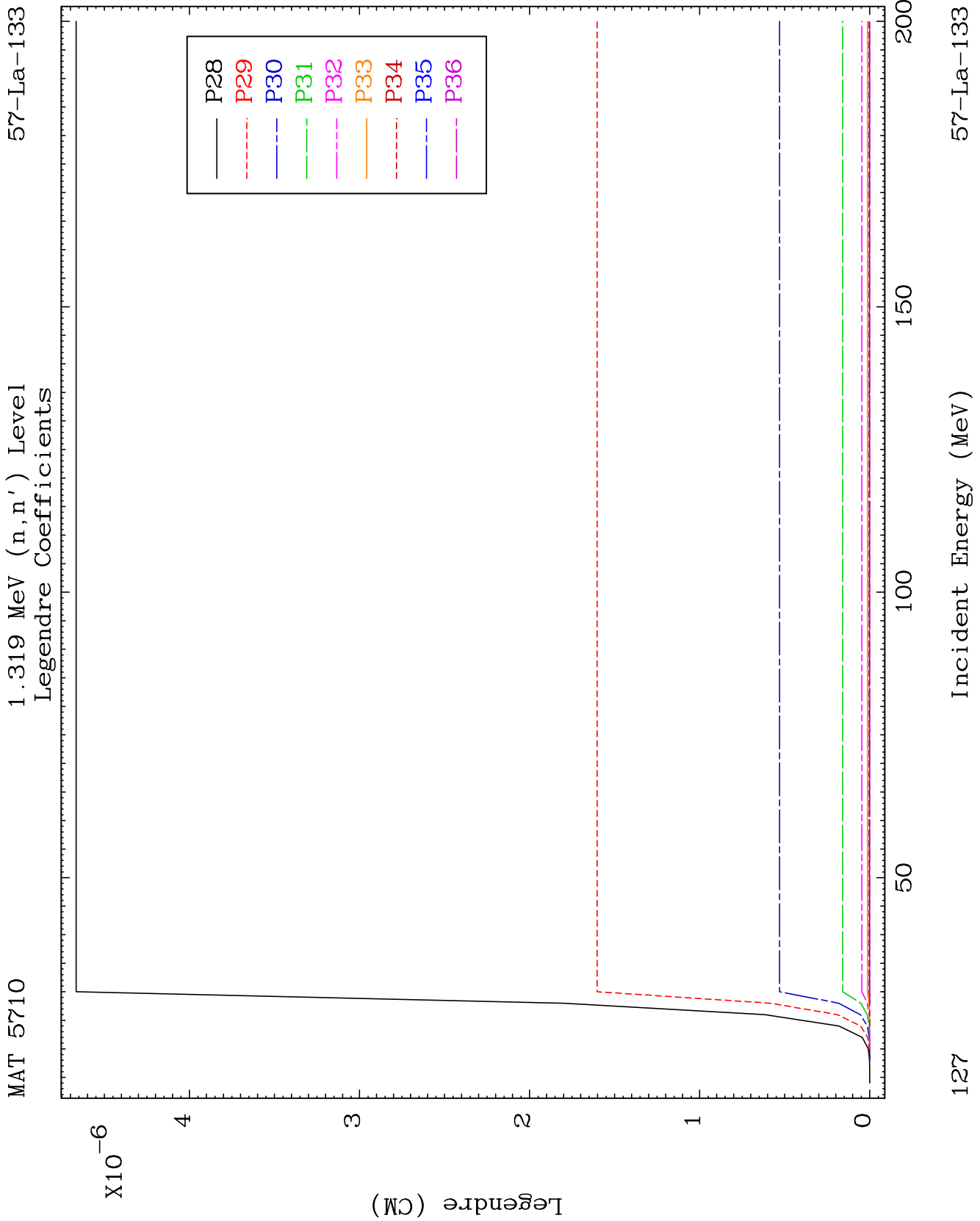
57-La-133

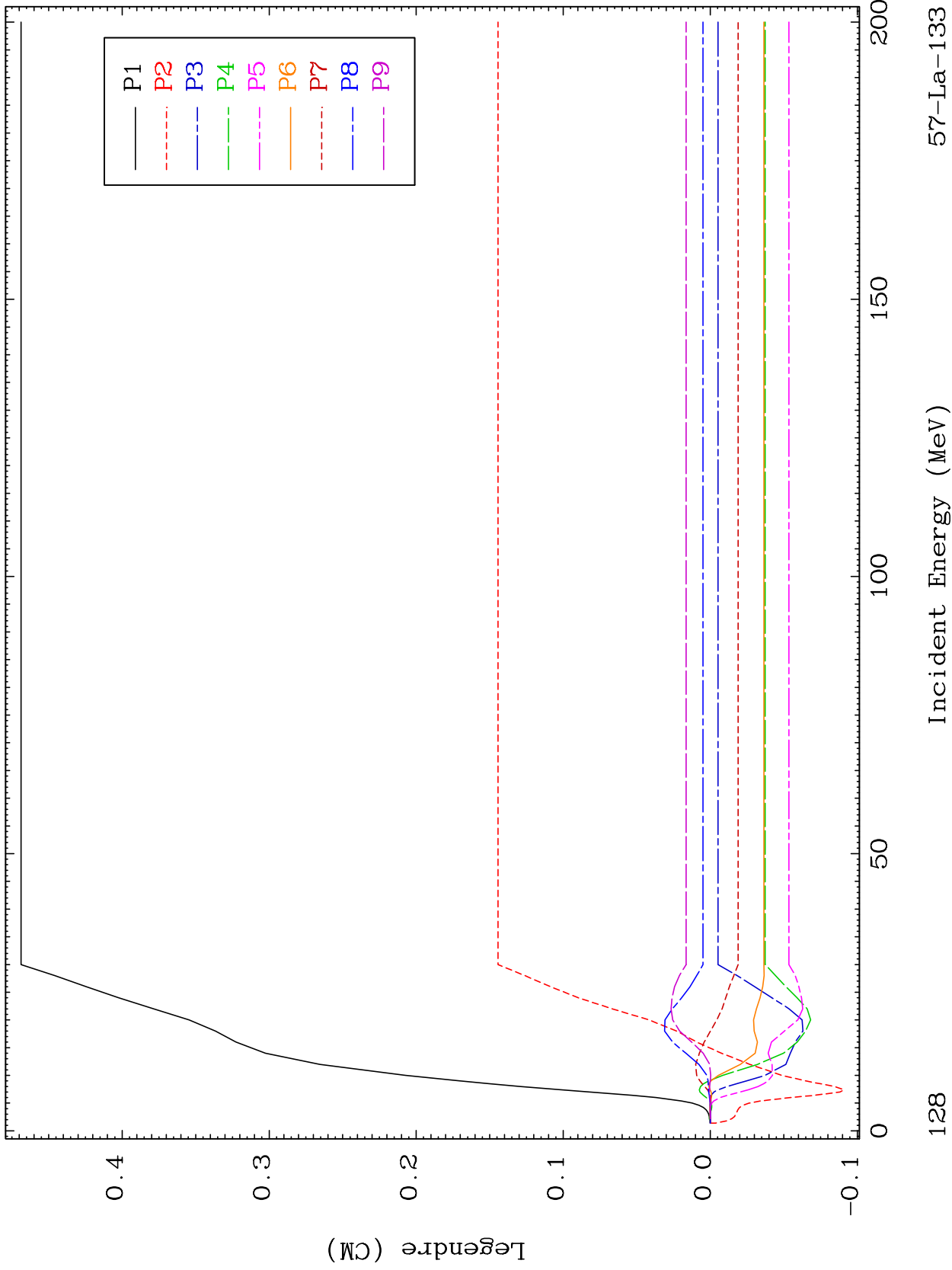


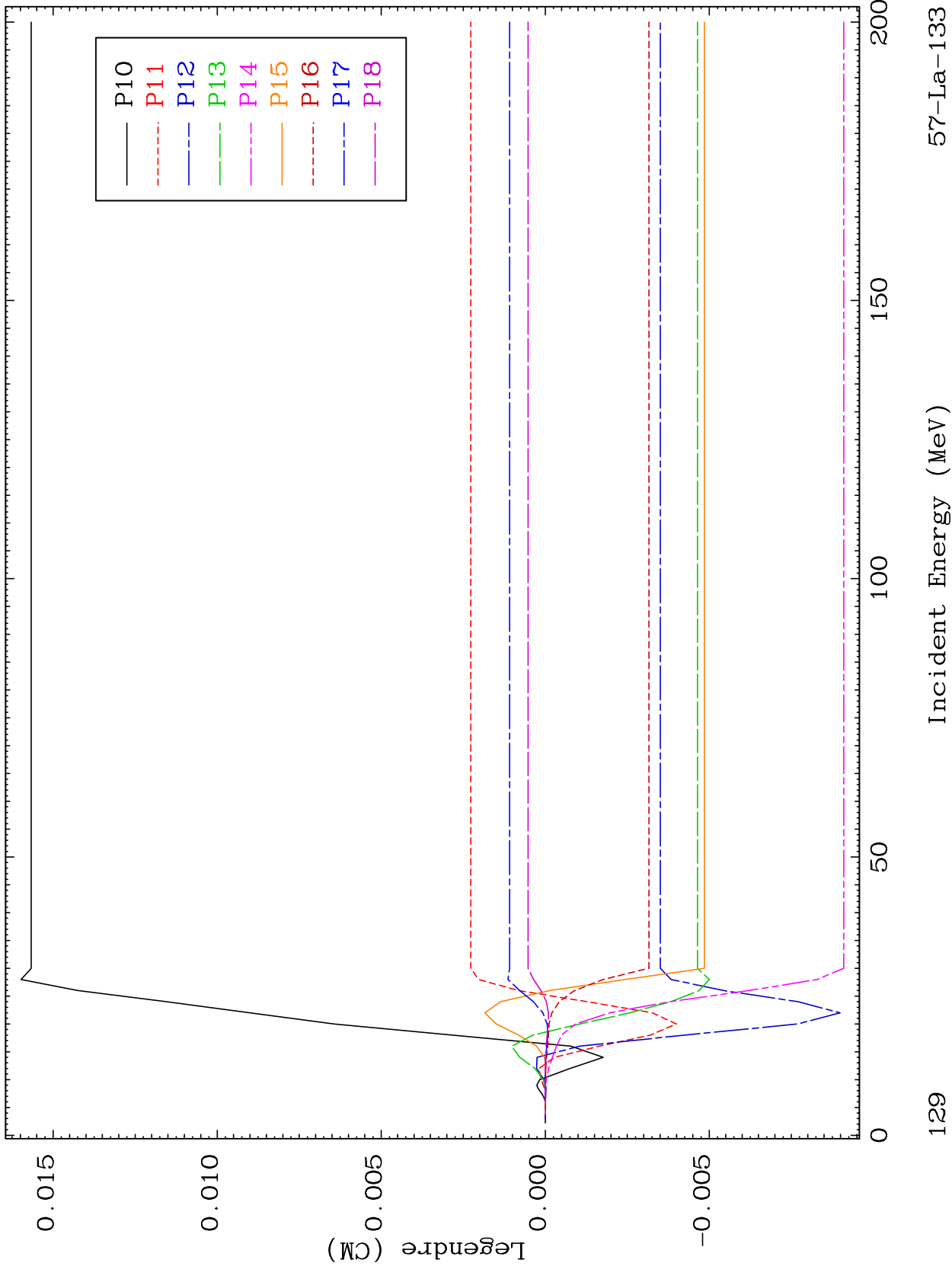
126

Incident Energy (MeV)

57-La-133



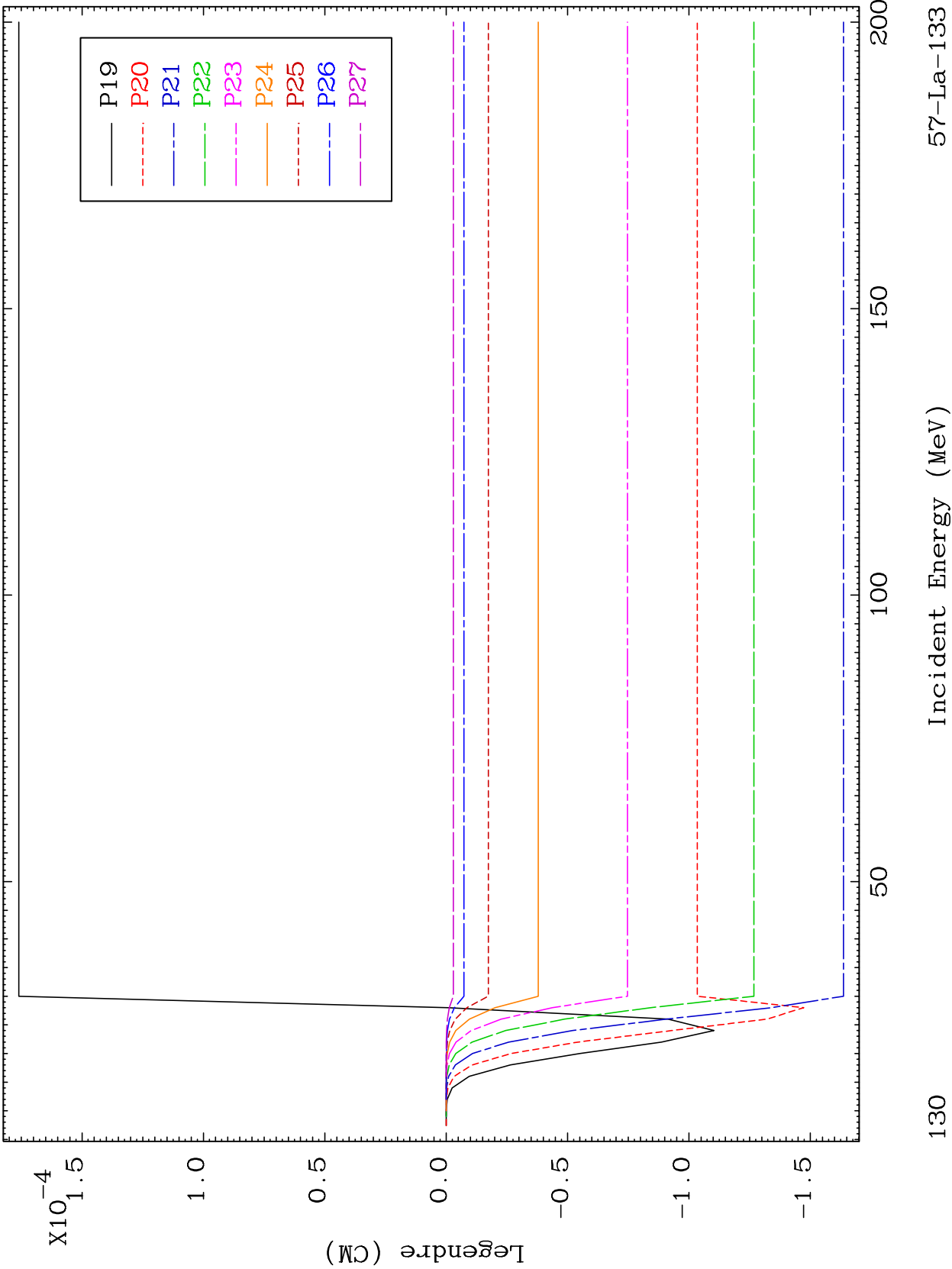




MAT 5710

1.365 MeV (n,n') Level
Legendre Coefficients

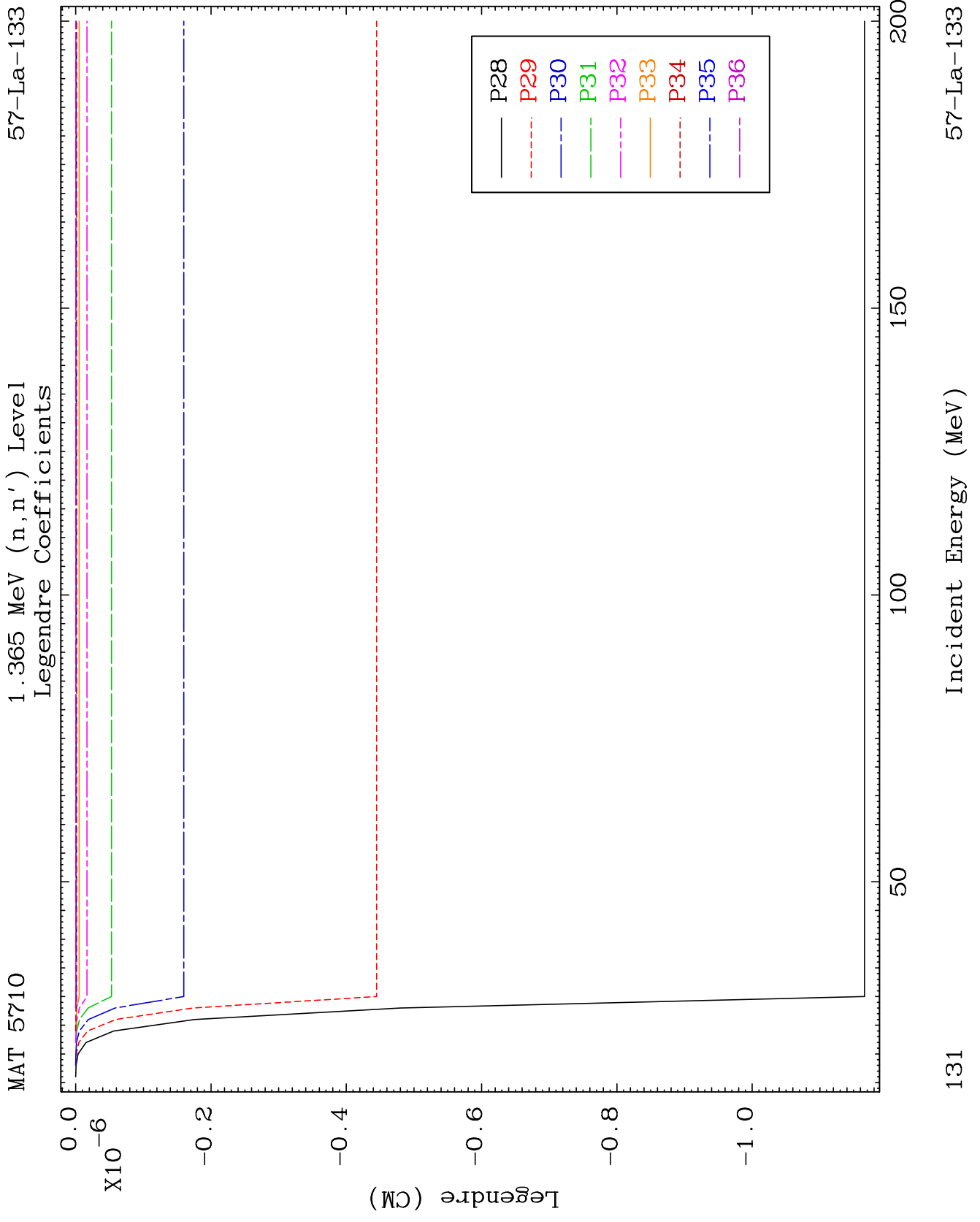
57-La-133

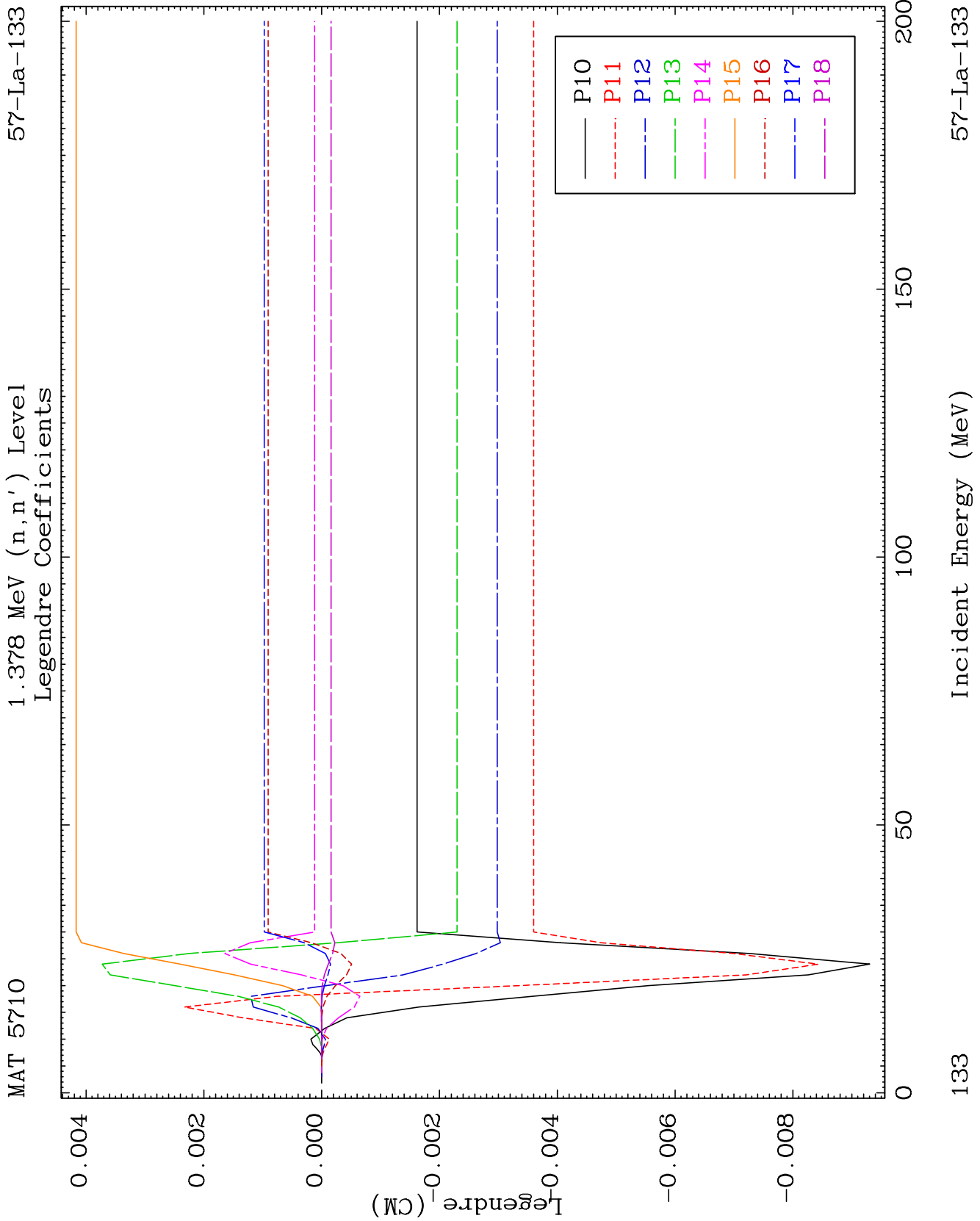


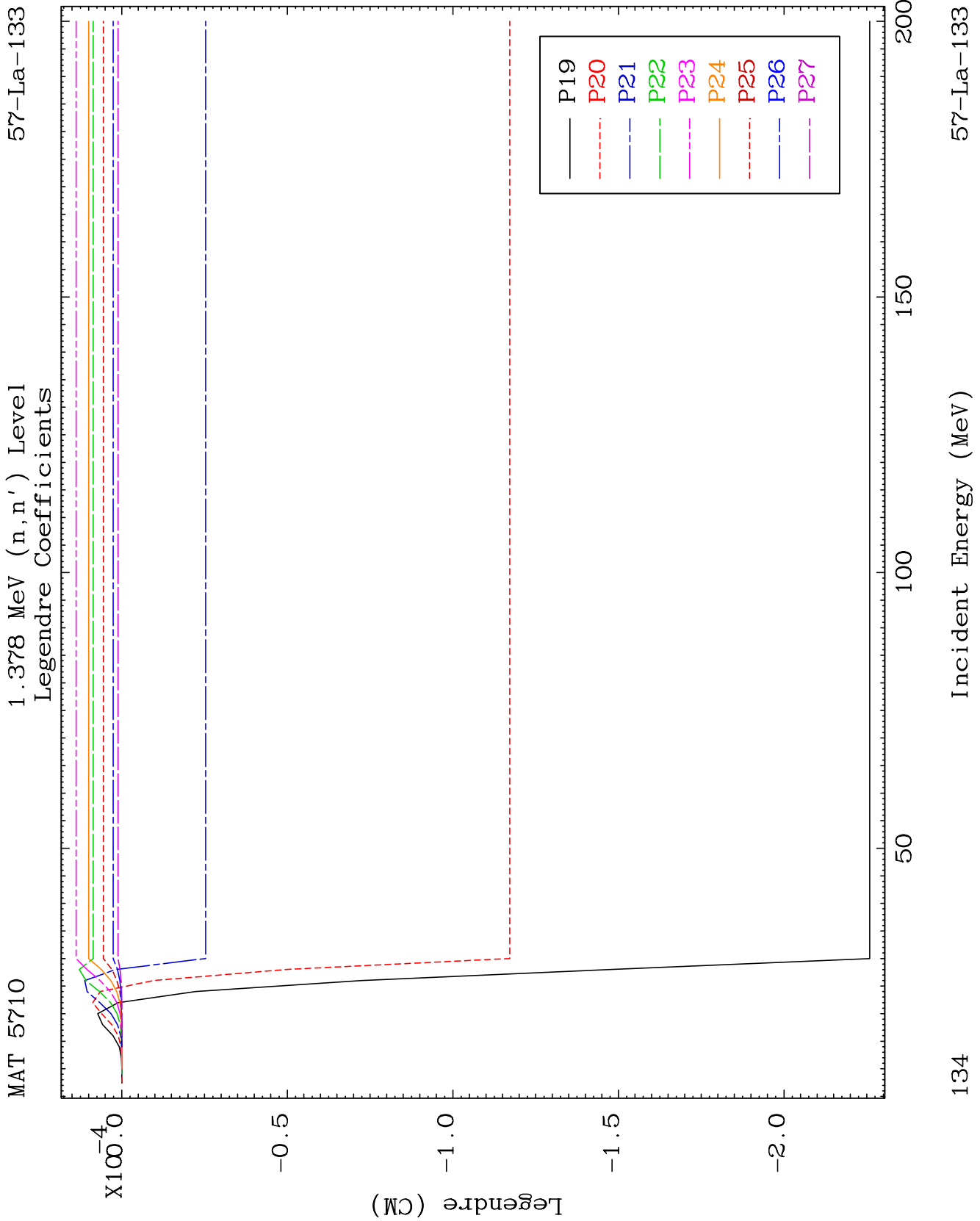
130

Incident Energy (MeV)

57-La-133



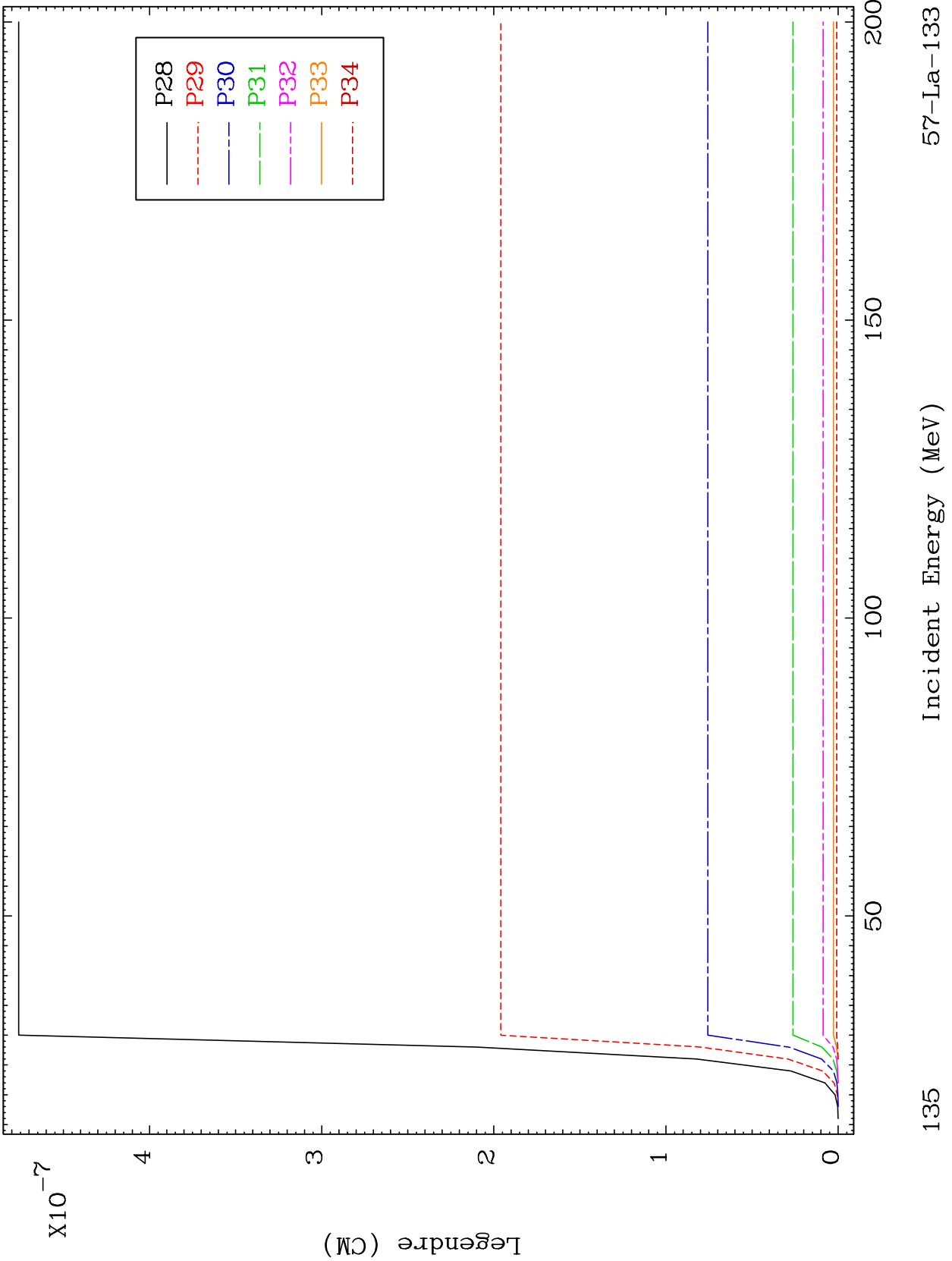




MAT 5710

1.378 MeV (n,n') Level
Legendre Coefficients

57-La-133



135

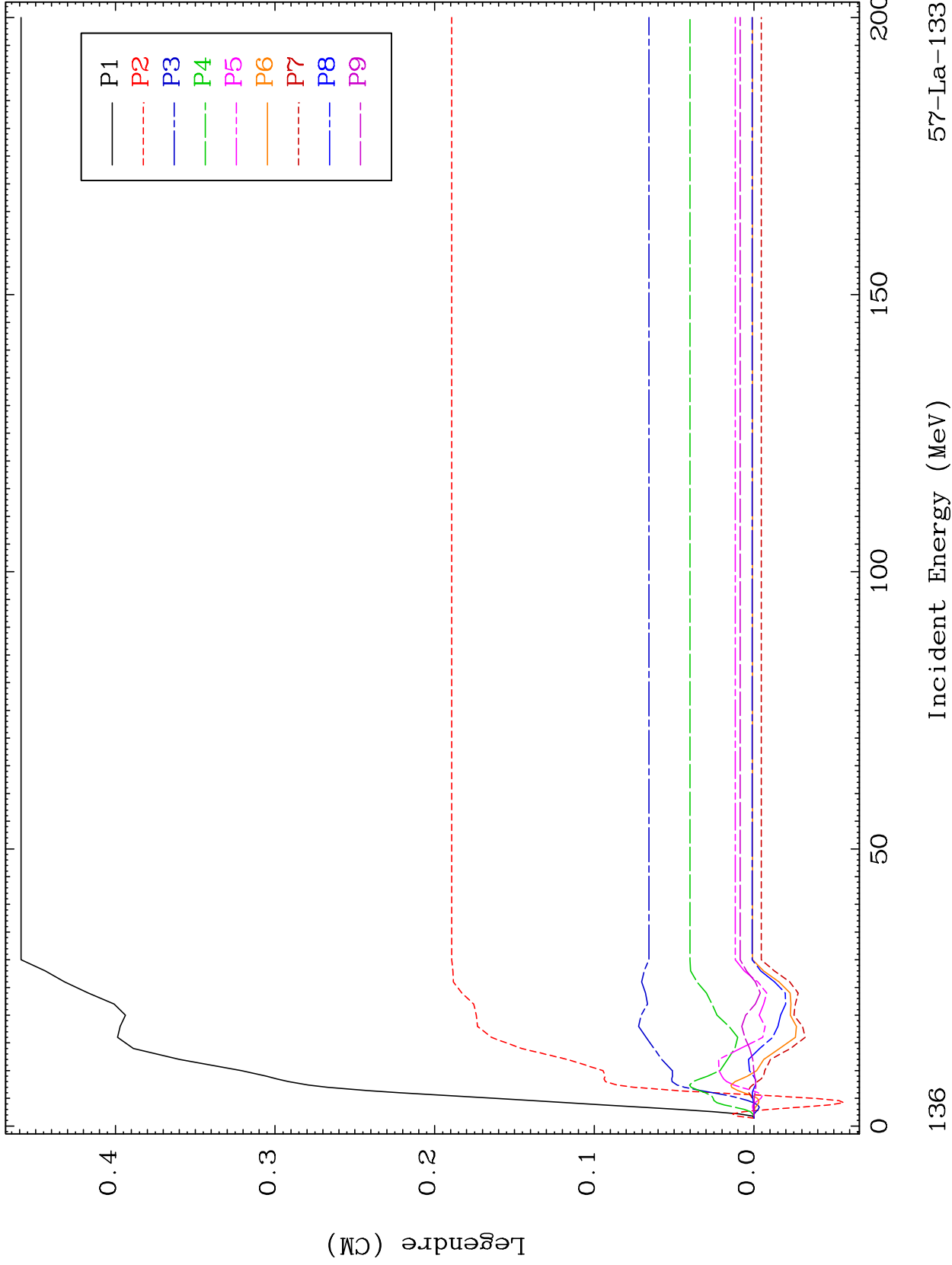
Incident Energy (MeV)

57-La-133

MAT 5710

1.396 MeV (n,n') Level
Legendre Coefficients

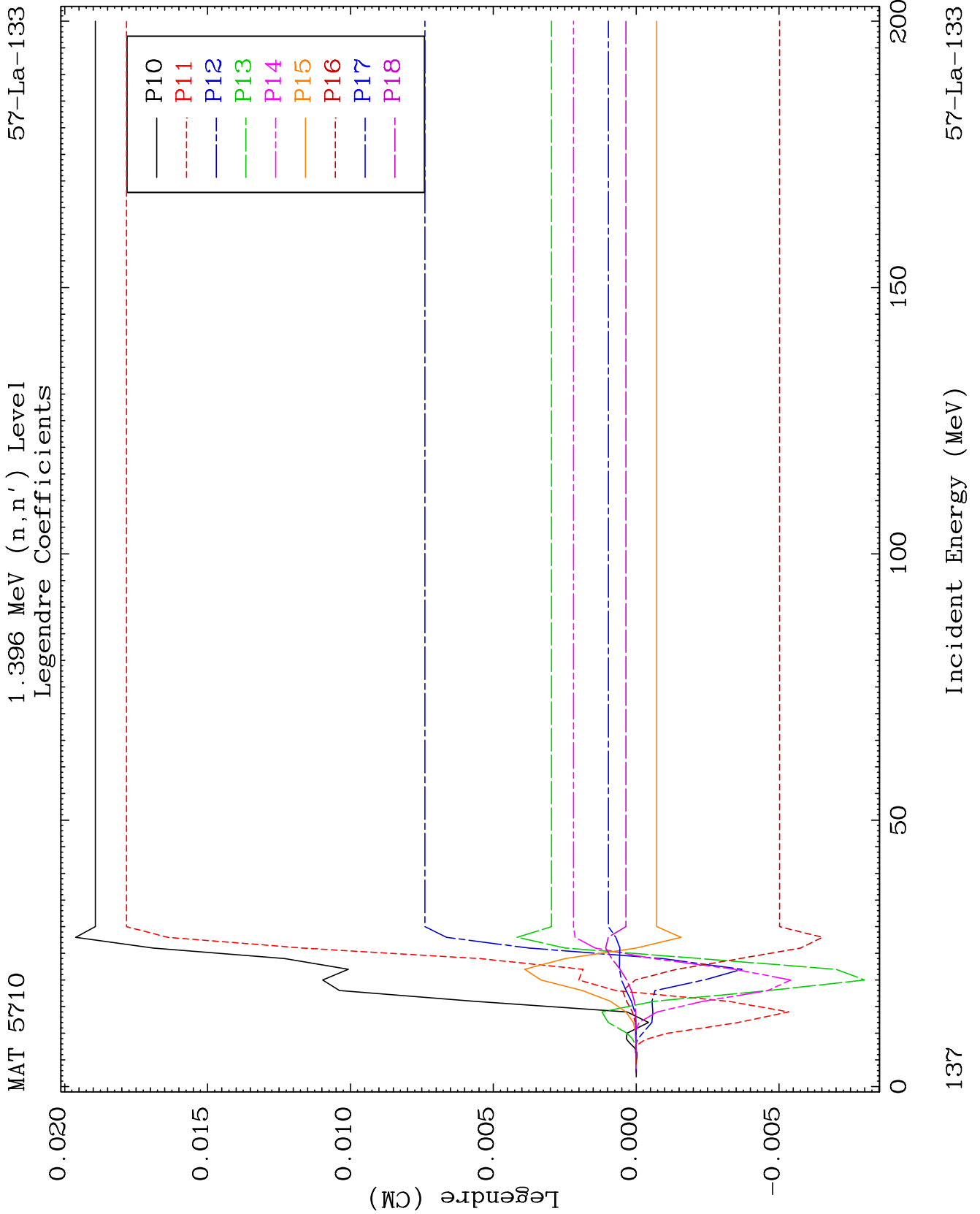
57-La-133



57-La-133

Incident Energy (MeV)

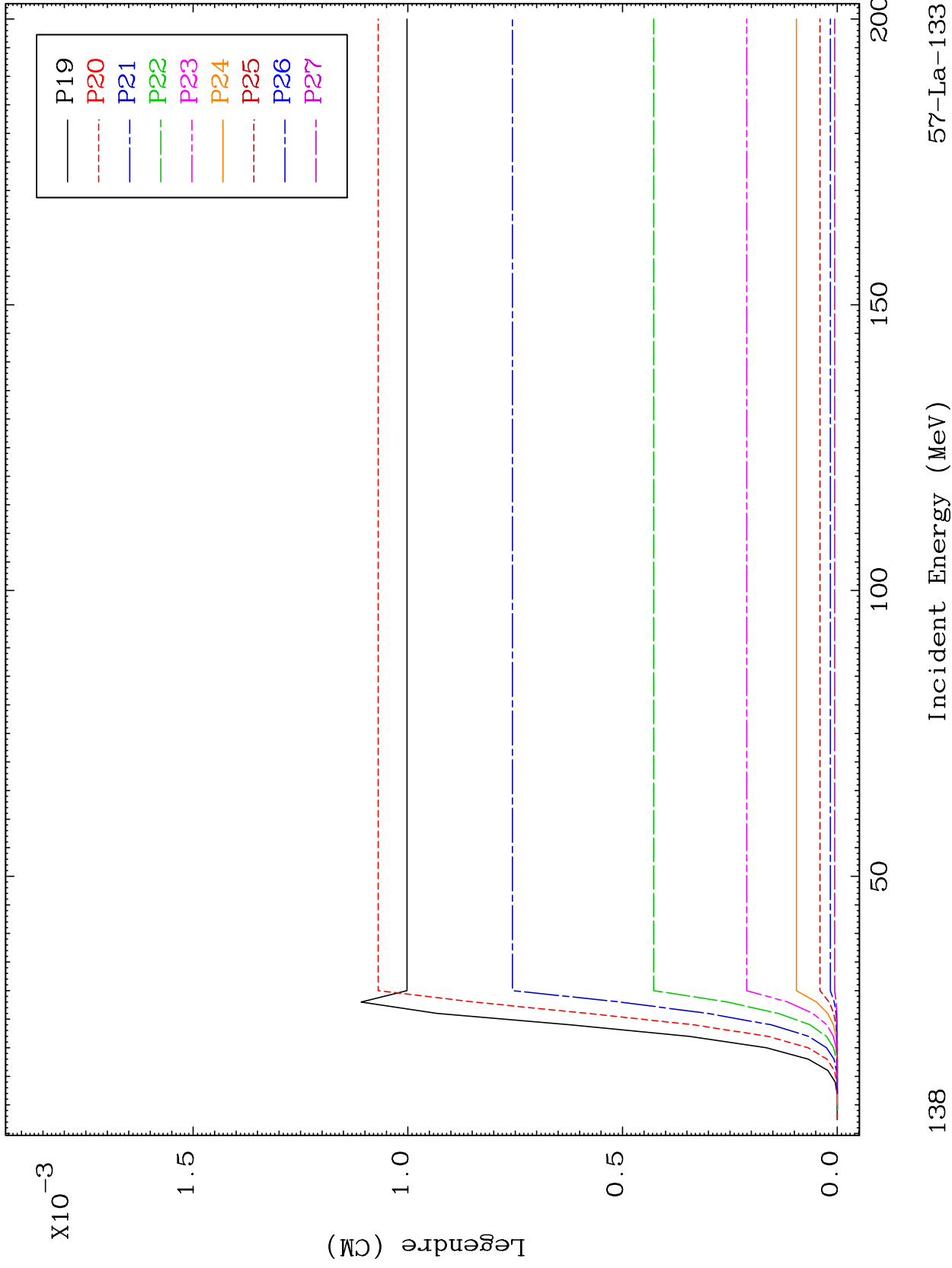
136



MAT 5710

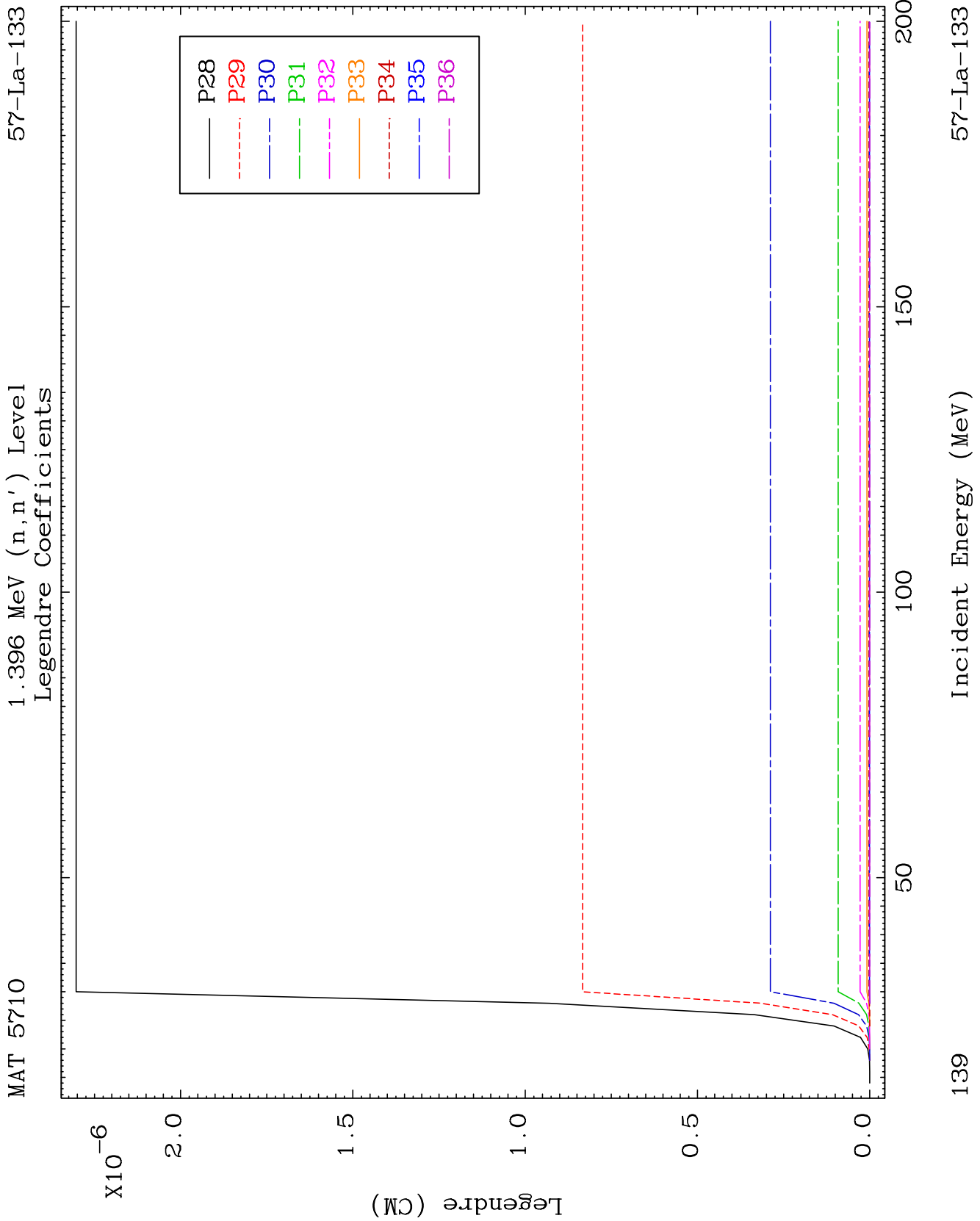
1.396 MeV (n,n') Level
Legendre Coefficients

57-La-133



138

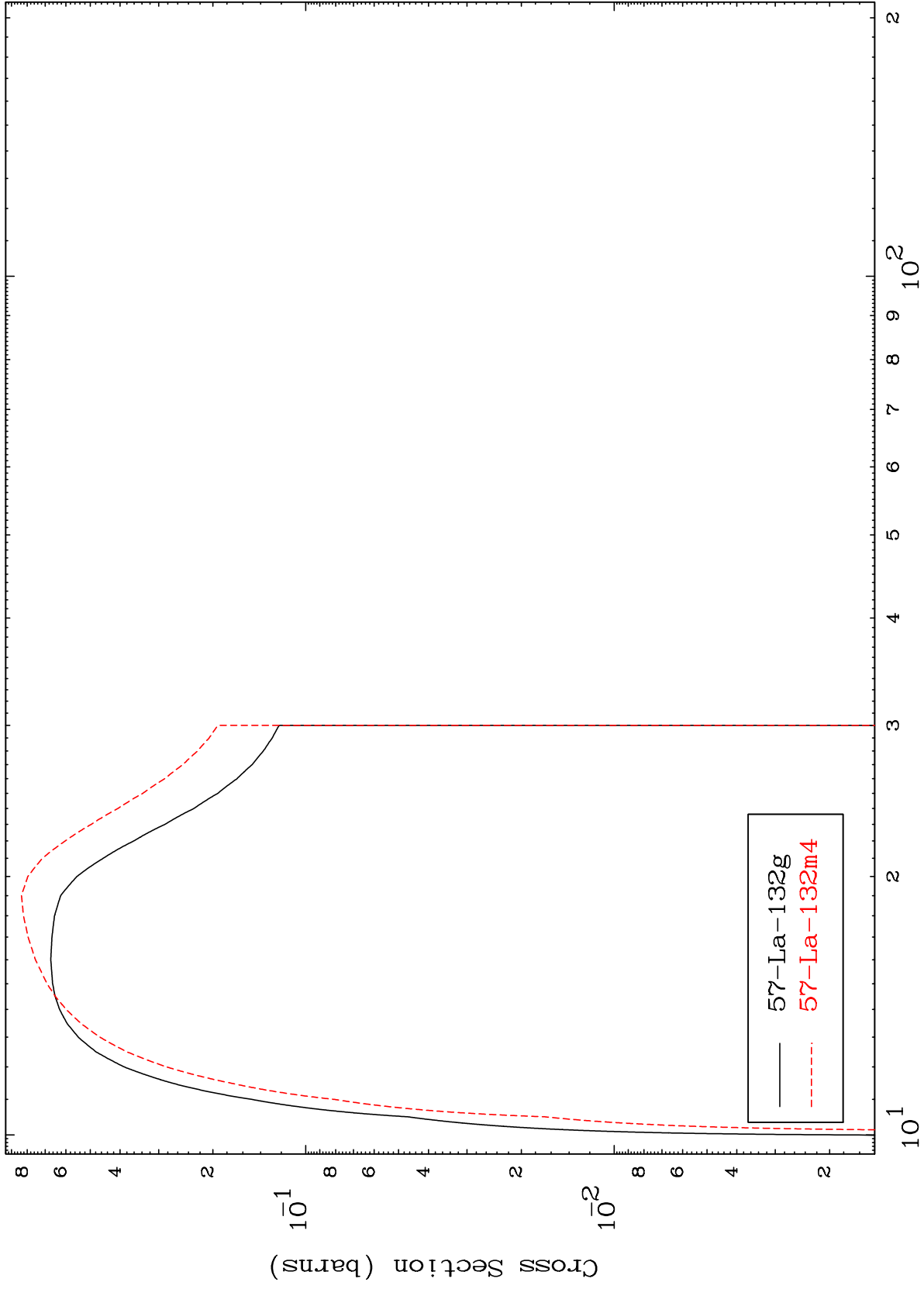
57-La-133



MAT 5710

57-La-133

(n,2n)
Radionuclide Production Cross Section



57-La-133

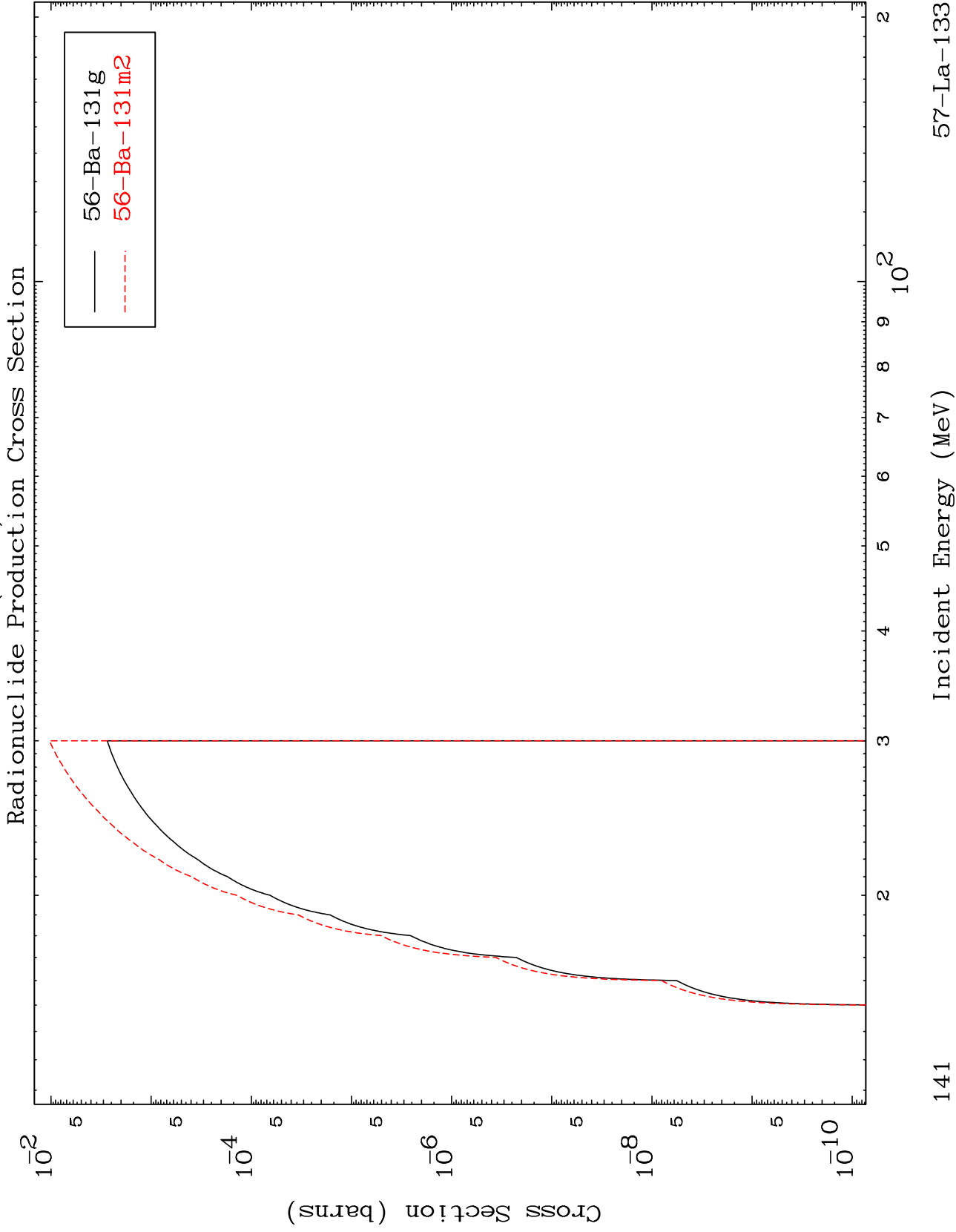
Incident Energy (MeV)

140

MAT 5710

(n,n') d

57-La-133



141

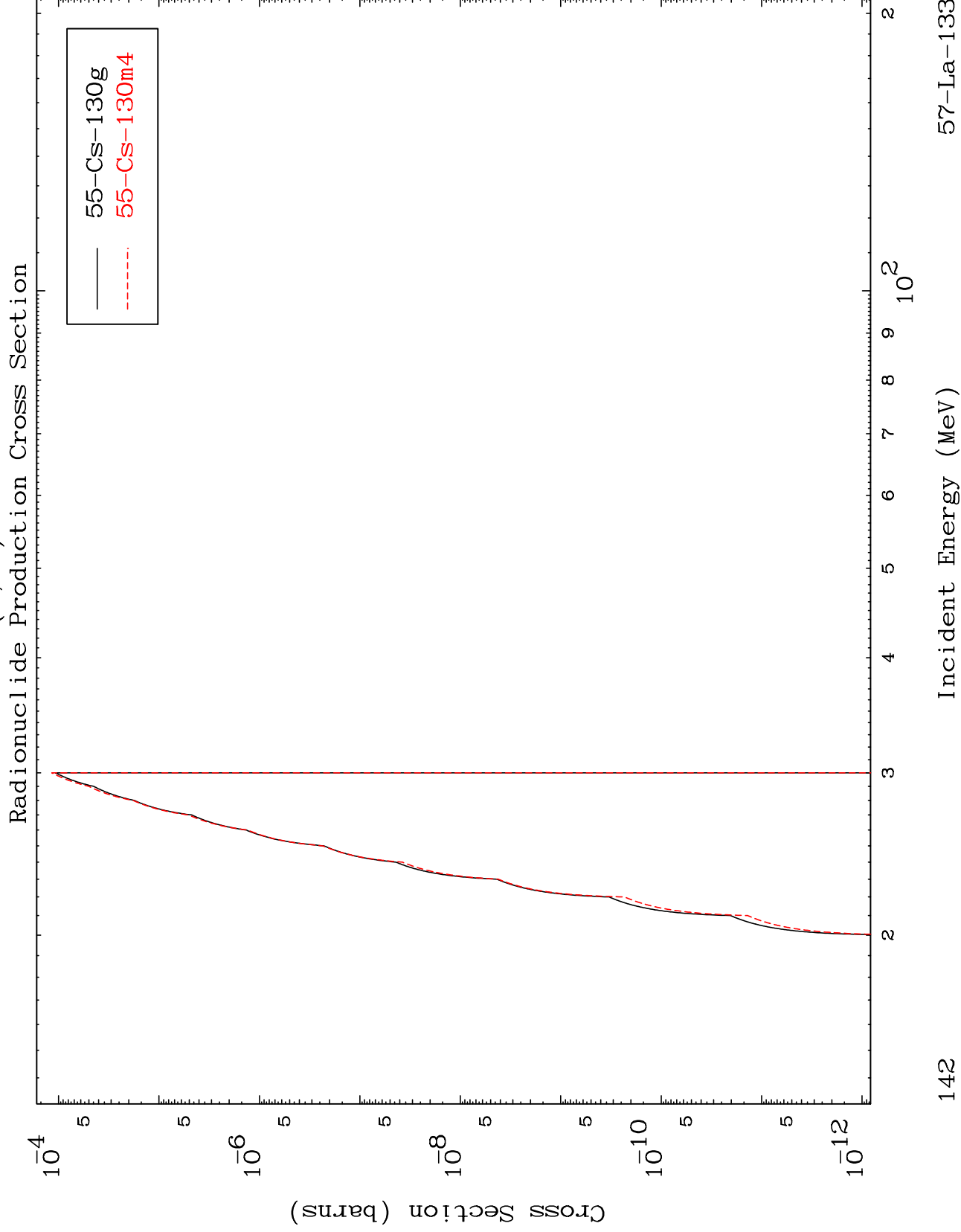
Incident Energy (MeV)

57-La-133

MAT 5710

(n,n') He-3

57-La-133



142

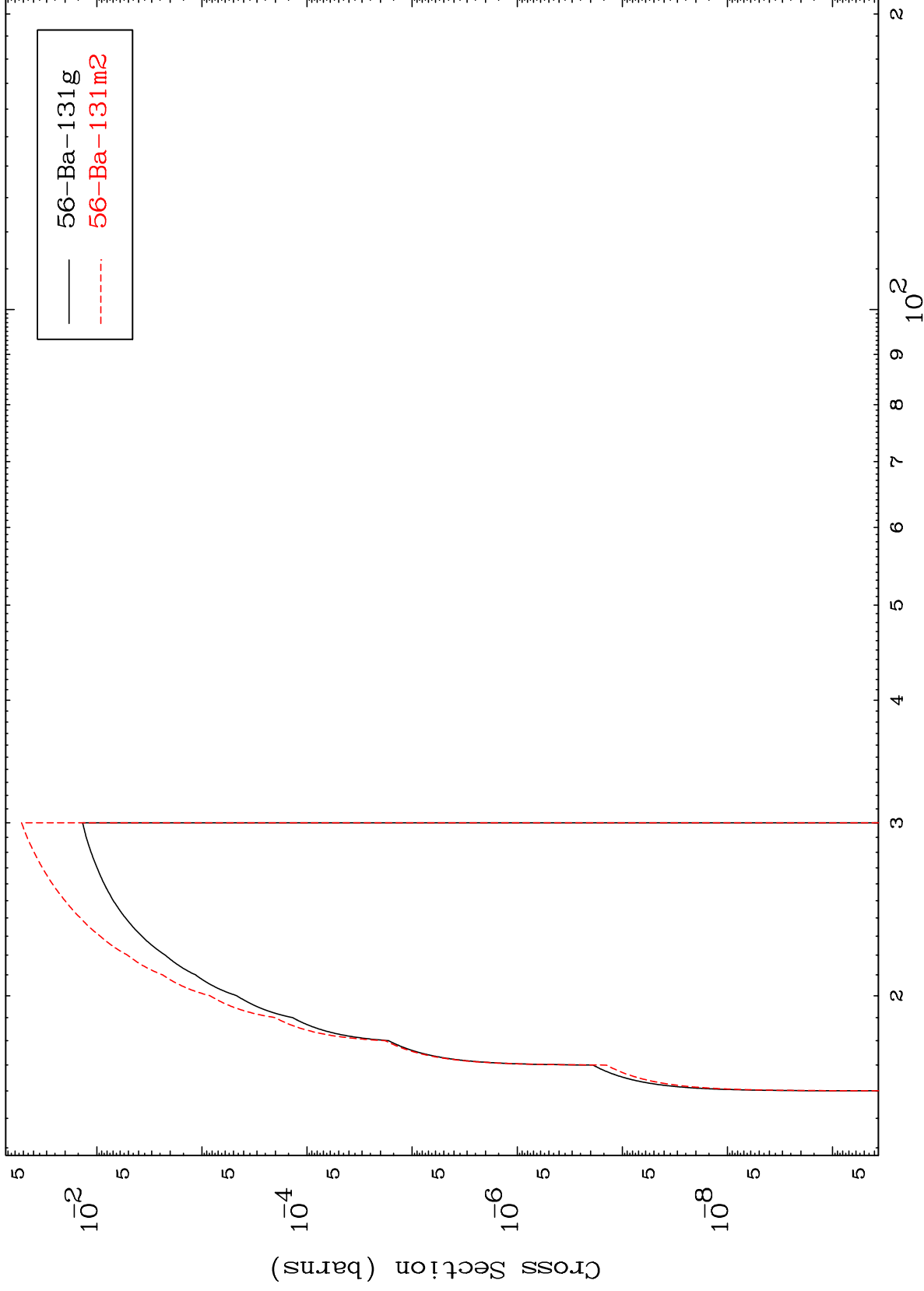
57-La-133

MAT 5710

(n,2n) p

57-La-133

Radionuclide Production Cross Section



143

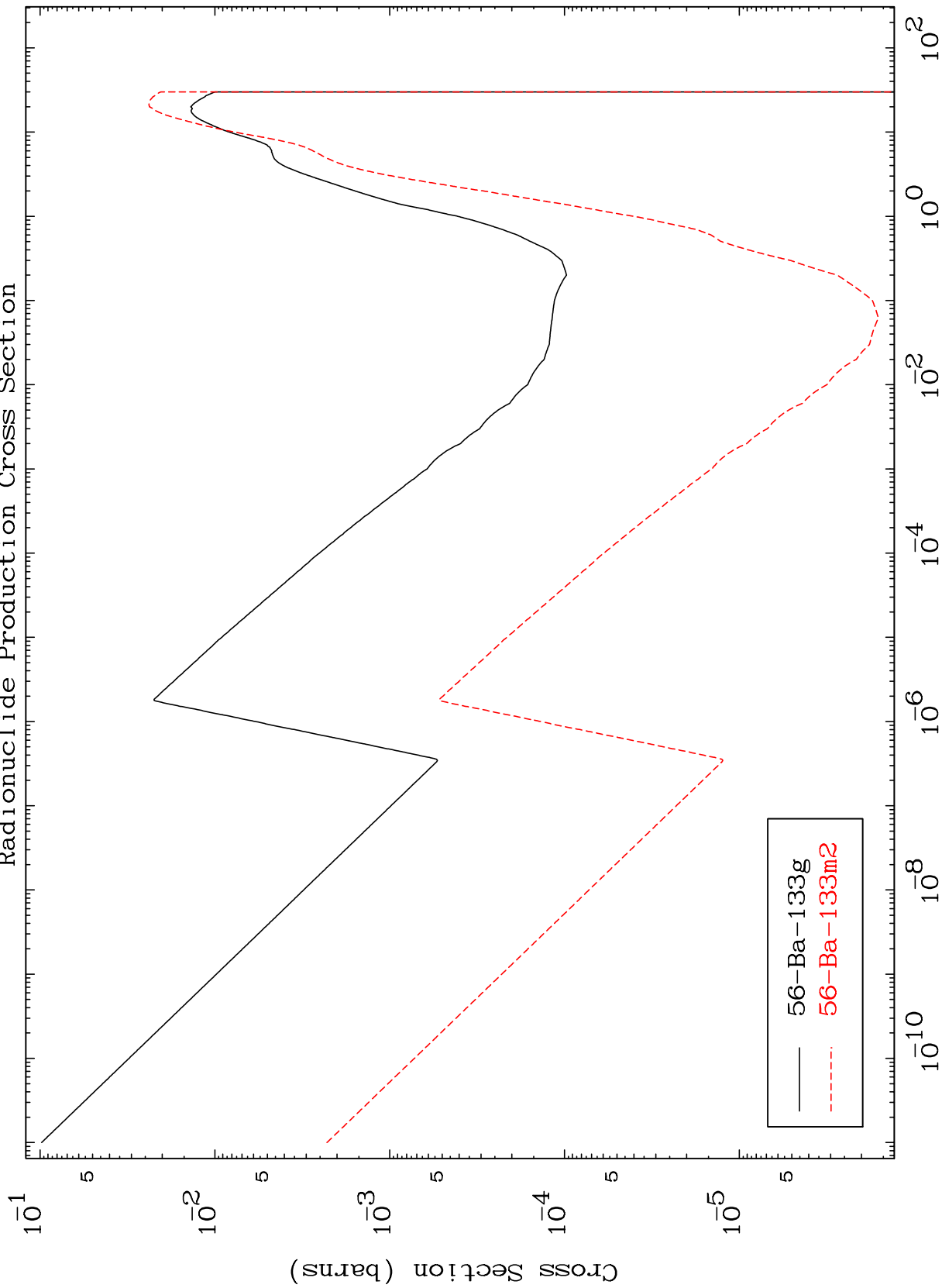
Incident Energy (MeV)

57-La-133

MAT 5710

57-La-133

Radionuclide Production Cross Section



57-La-133

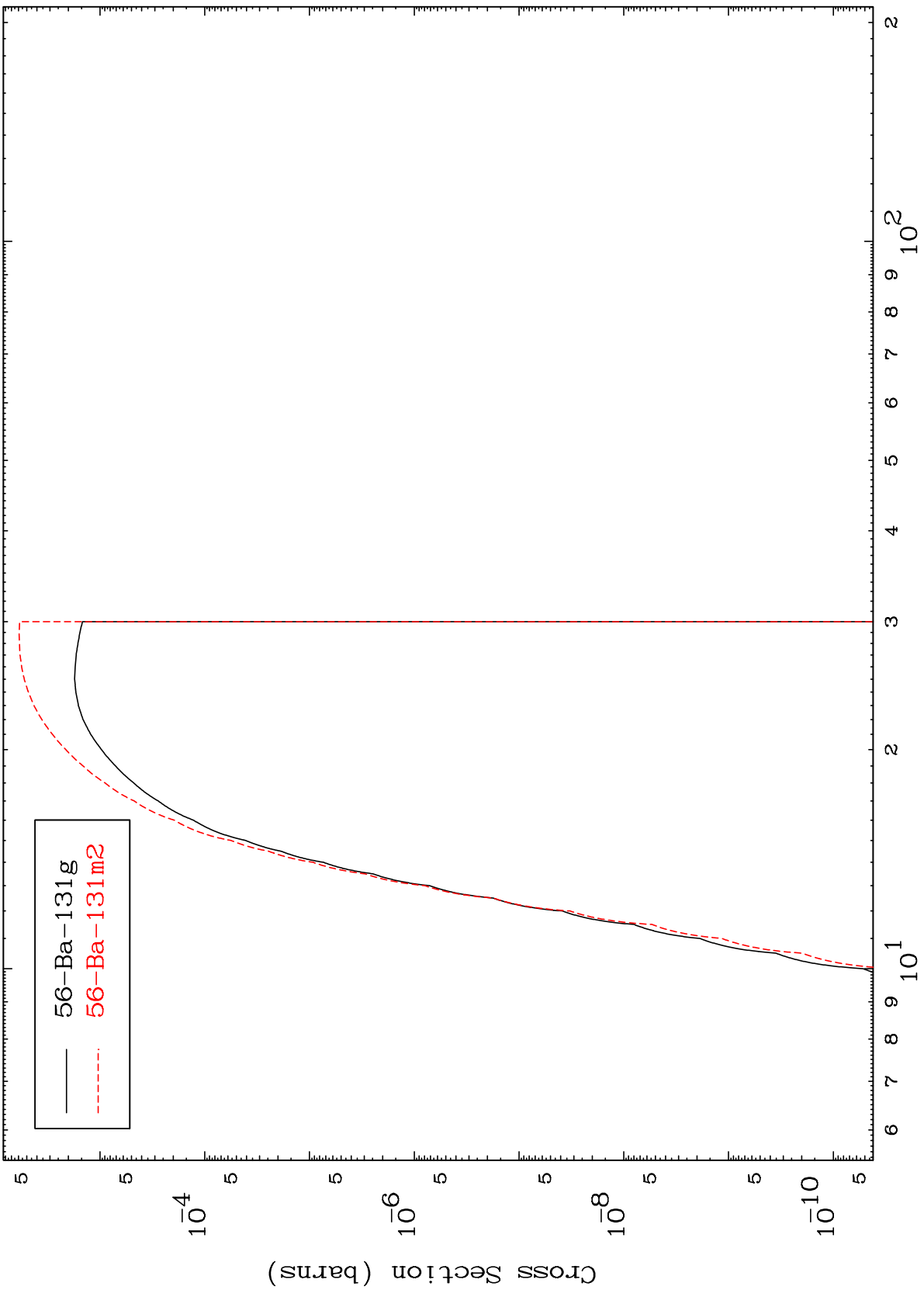
Incident Energy (MeV)

144

MAT 5710

57-La-133

(n, t)
Radionuclide Production Cross Section



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

145

Incident Energy (MeV)

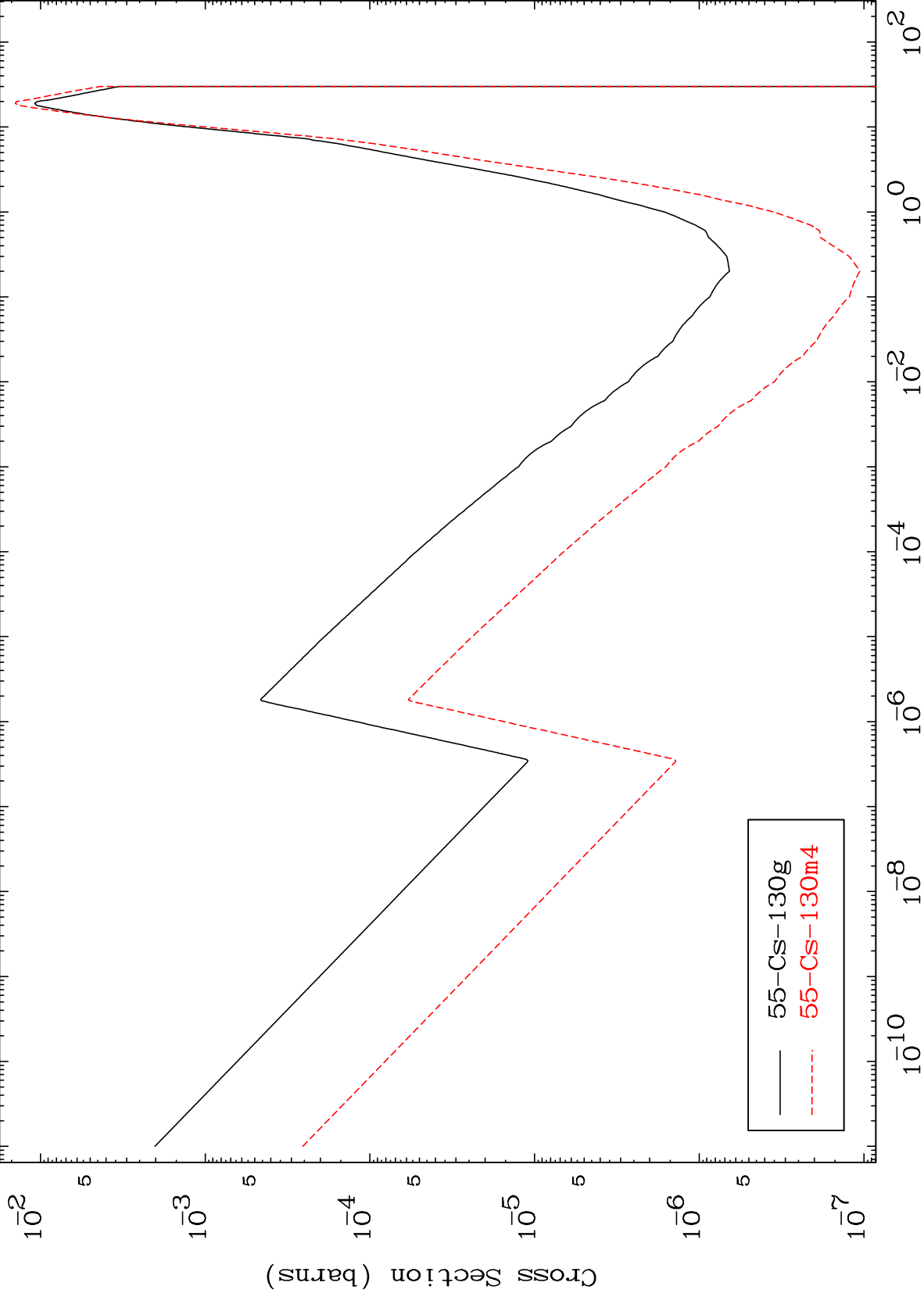
57-La-133

MAT 5710

(n, α)

57-La-133

Radionuclide Production Cross Section



146

Incident Energy (MeV)

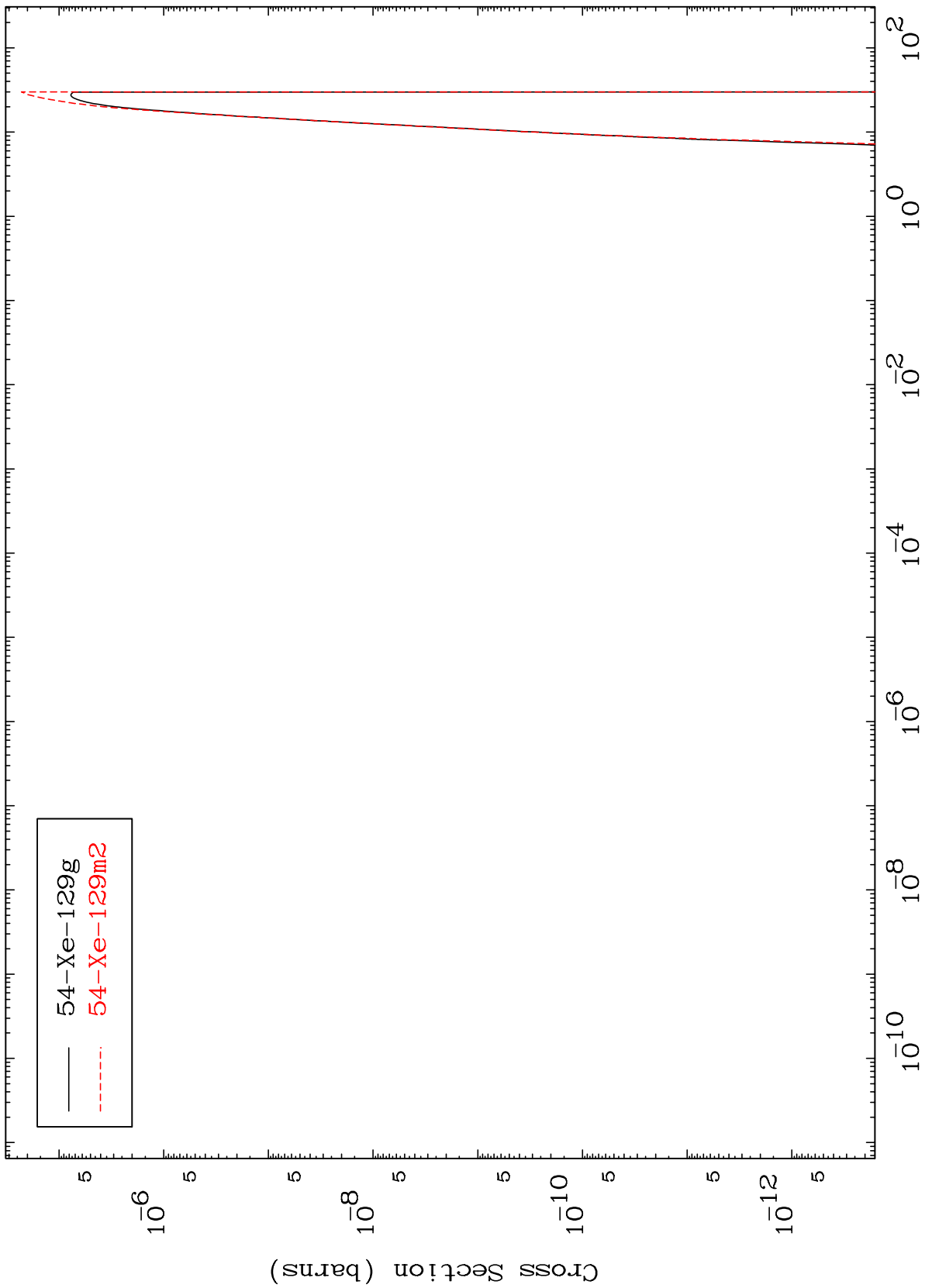
57-La-133

MAT 5710

(n,p) α

57-La-133

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

Radionuclide Production Cross Section

