

Program EVALPLOT
(Version 2015-2)

by

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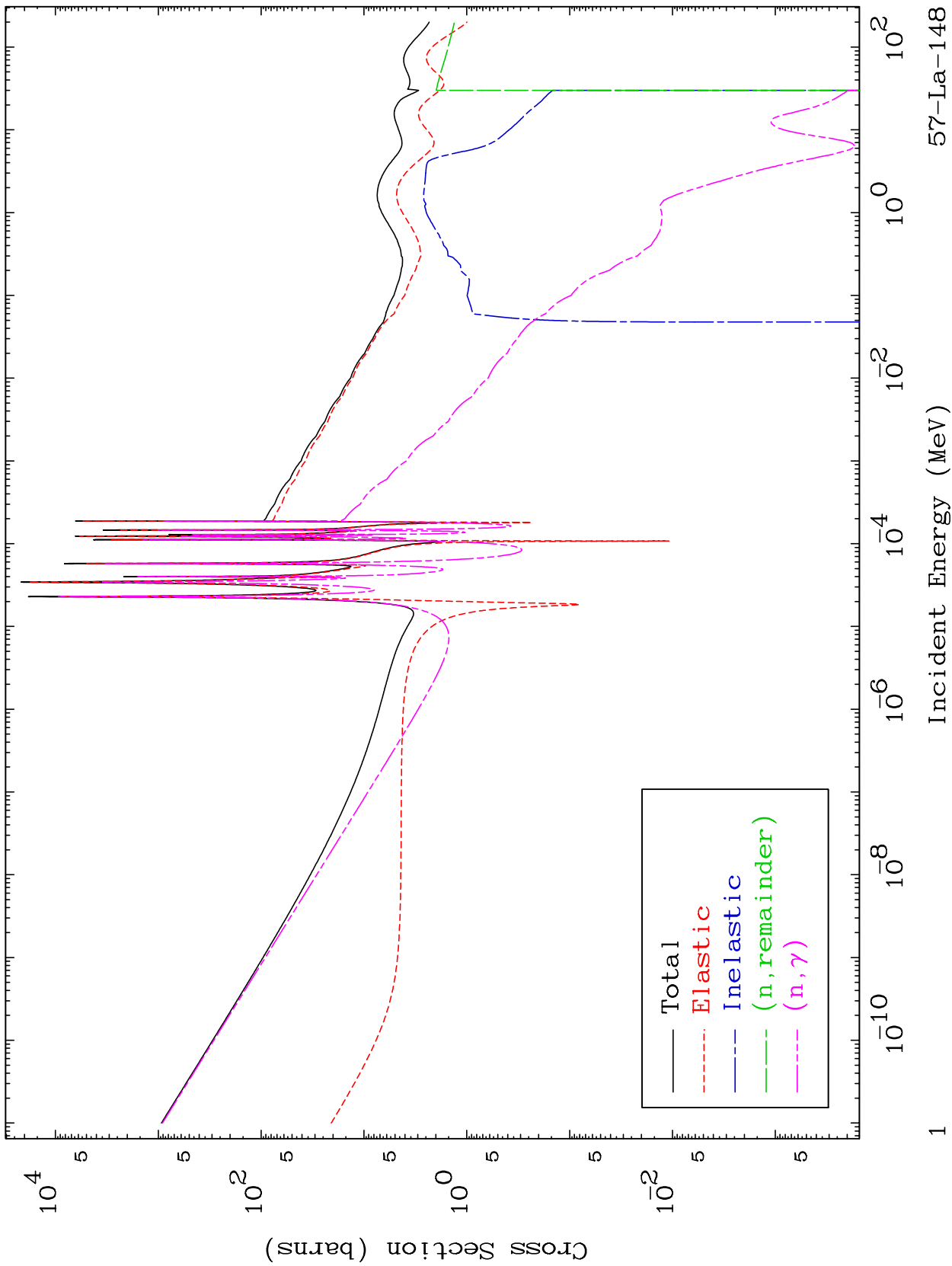
Press Mouse Button to Start

MAT 5755

Major

293 Kelvin Cross Sections

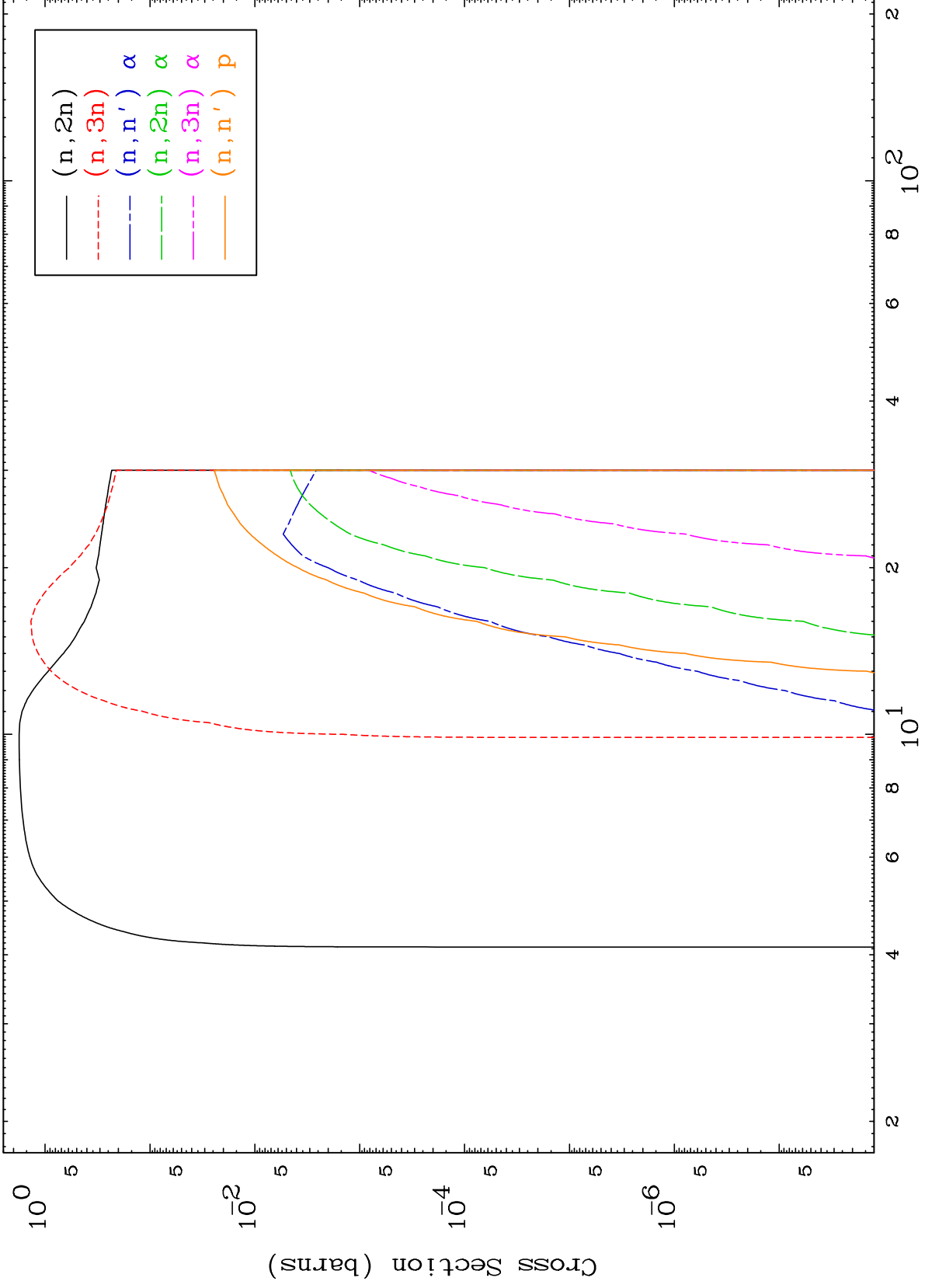
57-La-148



MAT 5755

Neutron Production
293 Kelvin Cross Sections

57-La-148



2

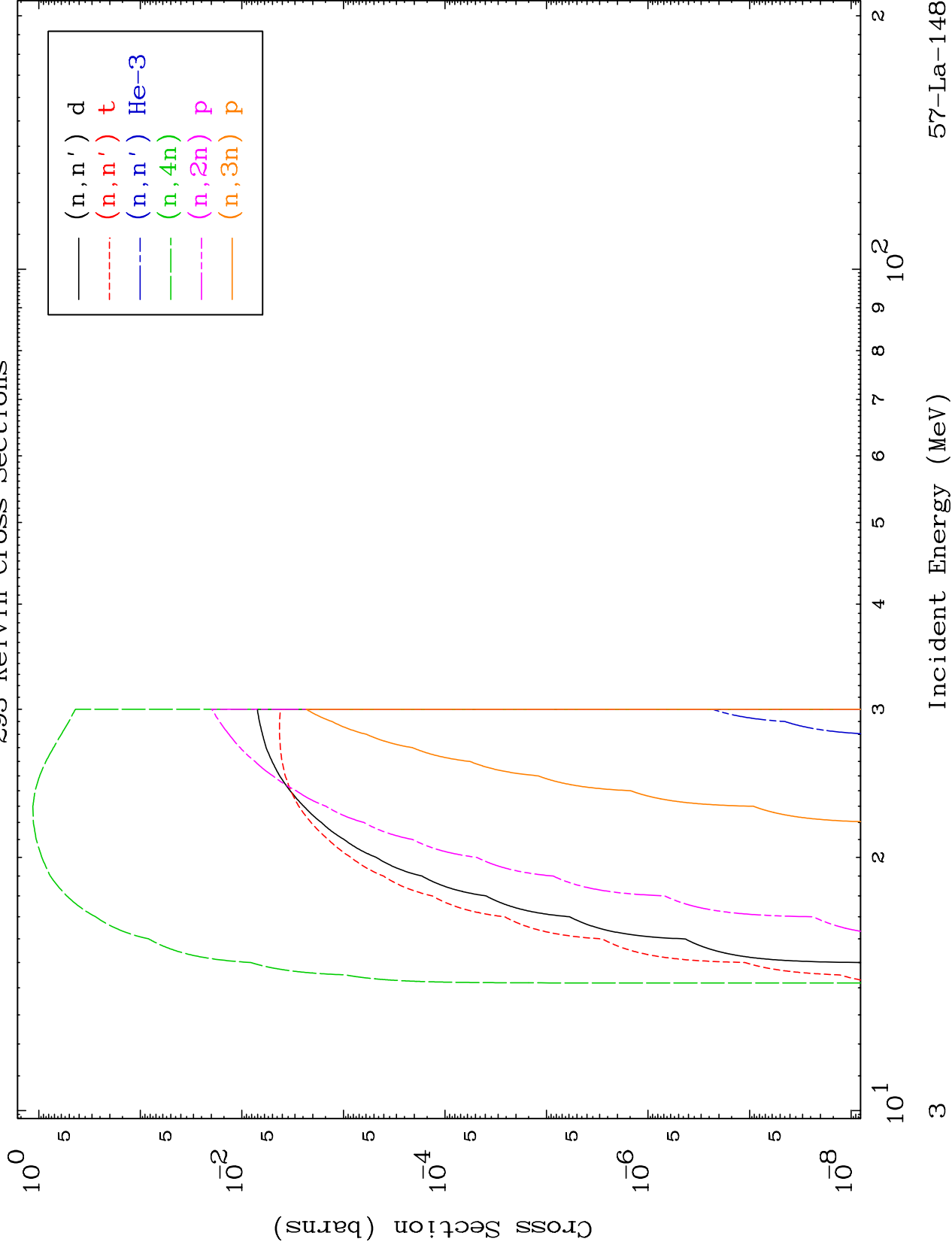
Incident Energy (MeV)

57-La-148

MAT 5755

Neutron Production
293 Kelvin Cross Sections

57-La-148

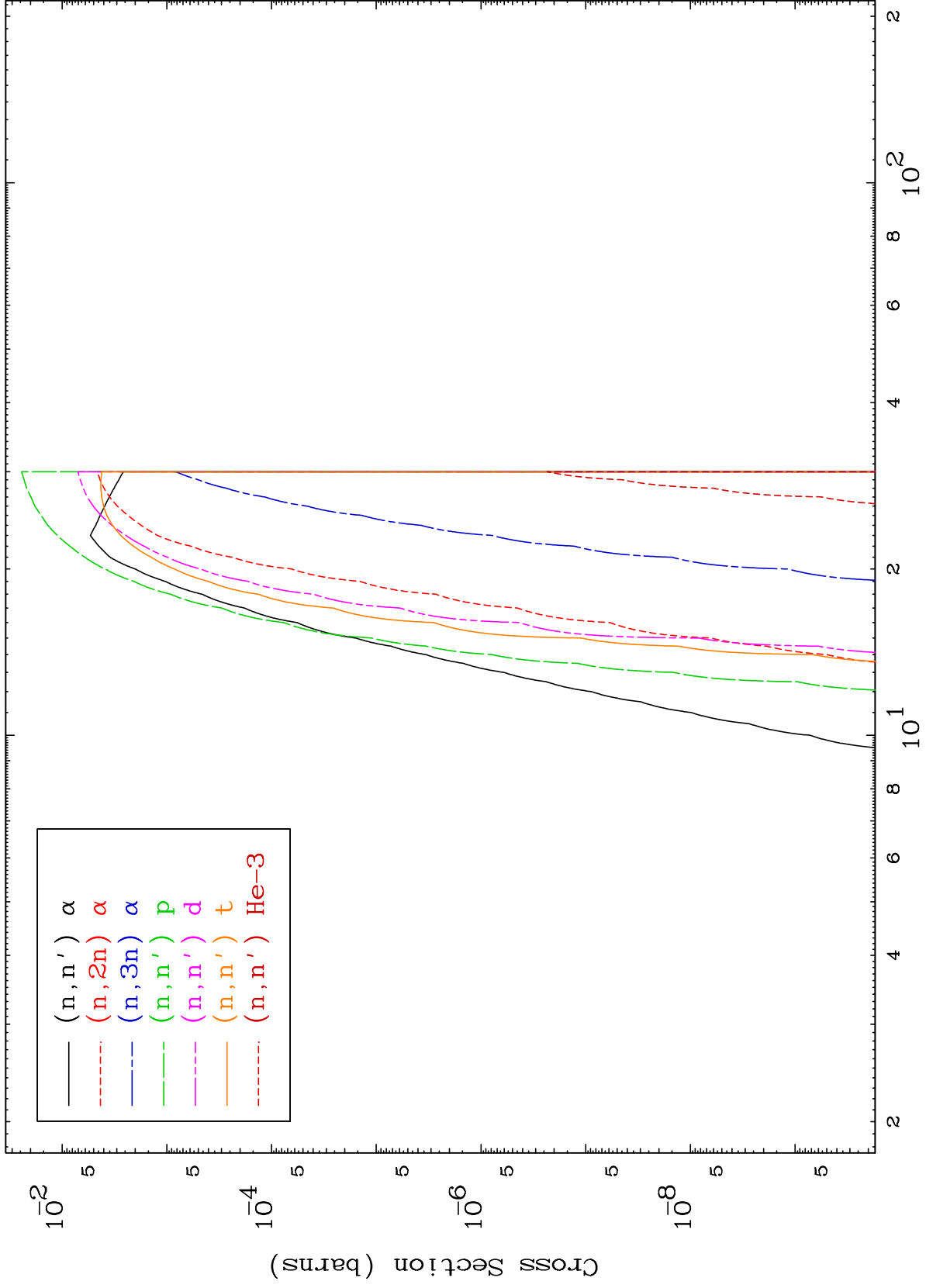


57-La-148

MAT 5755

Charged Particle
293 Kelvin Cross Sections

57-La-148



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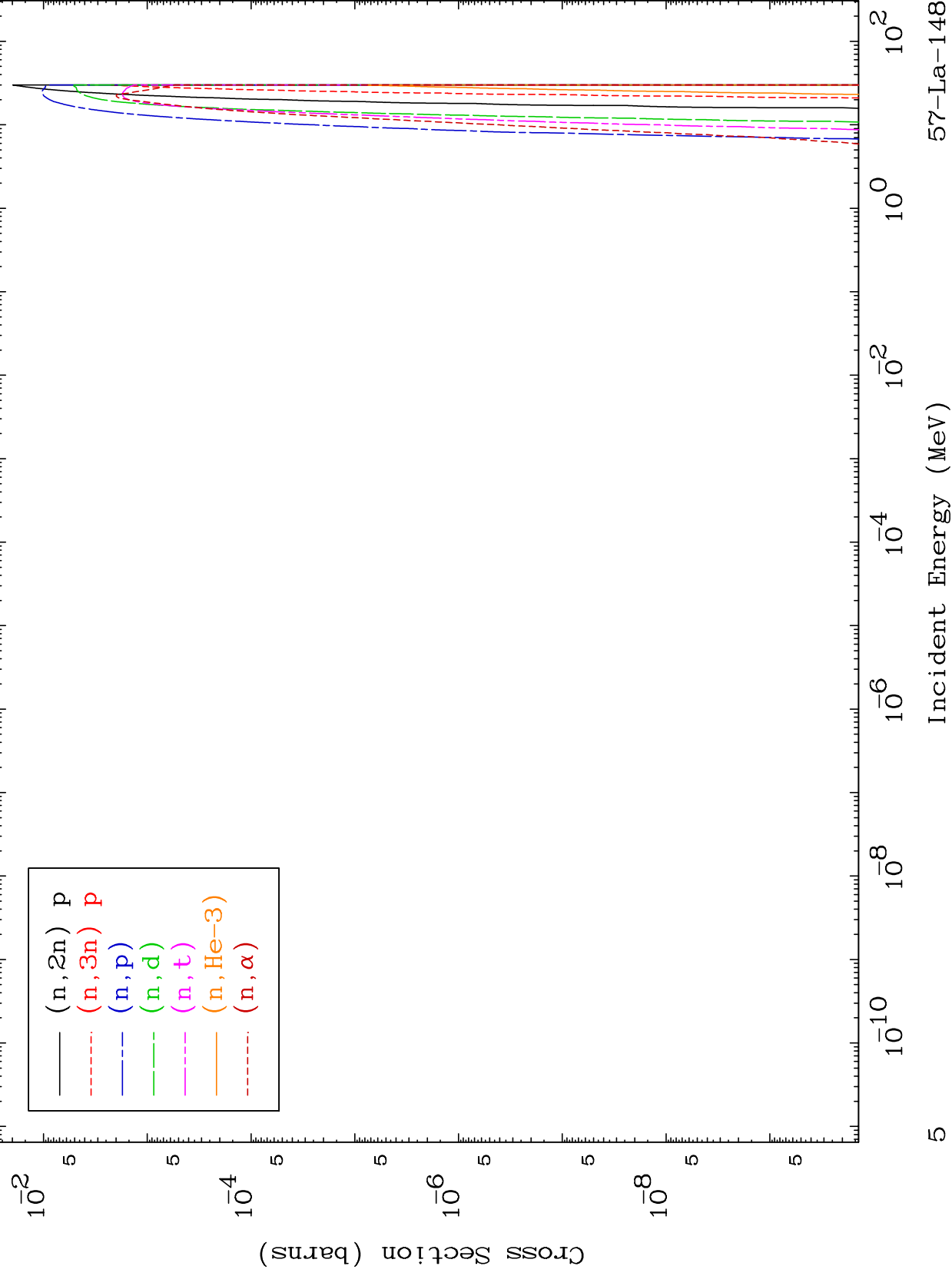
Incident Energy (MeV)

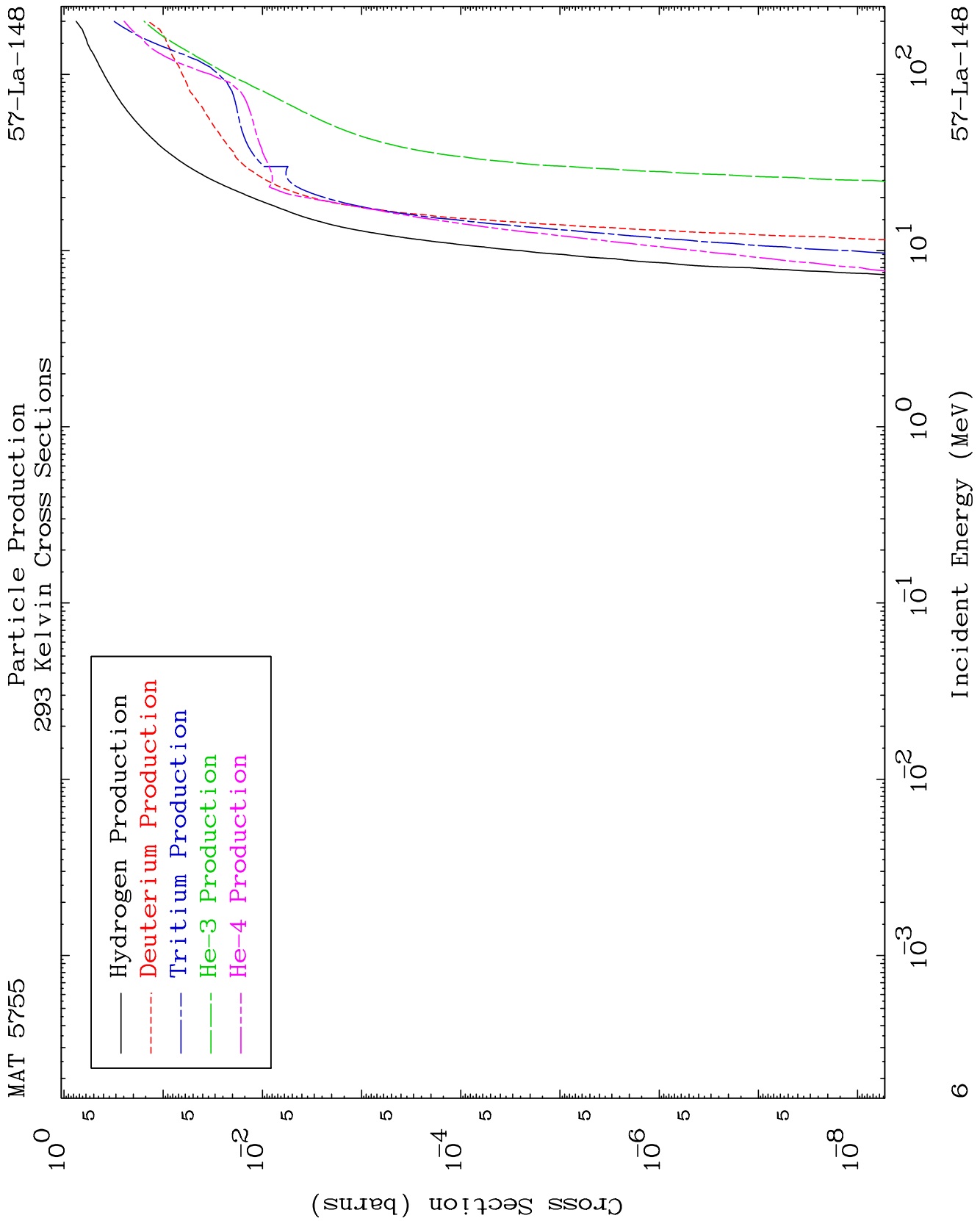
57-La-148

MAT 5755

Charged Particle
293 Kelvin Cross Sections

57-La-148

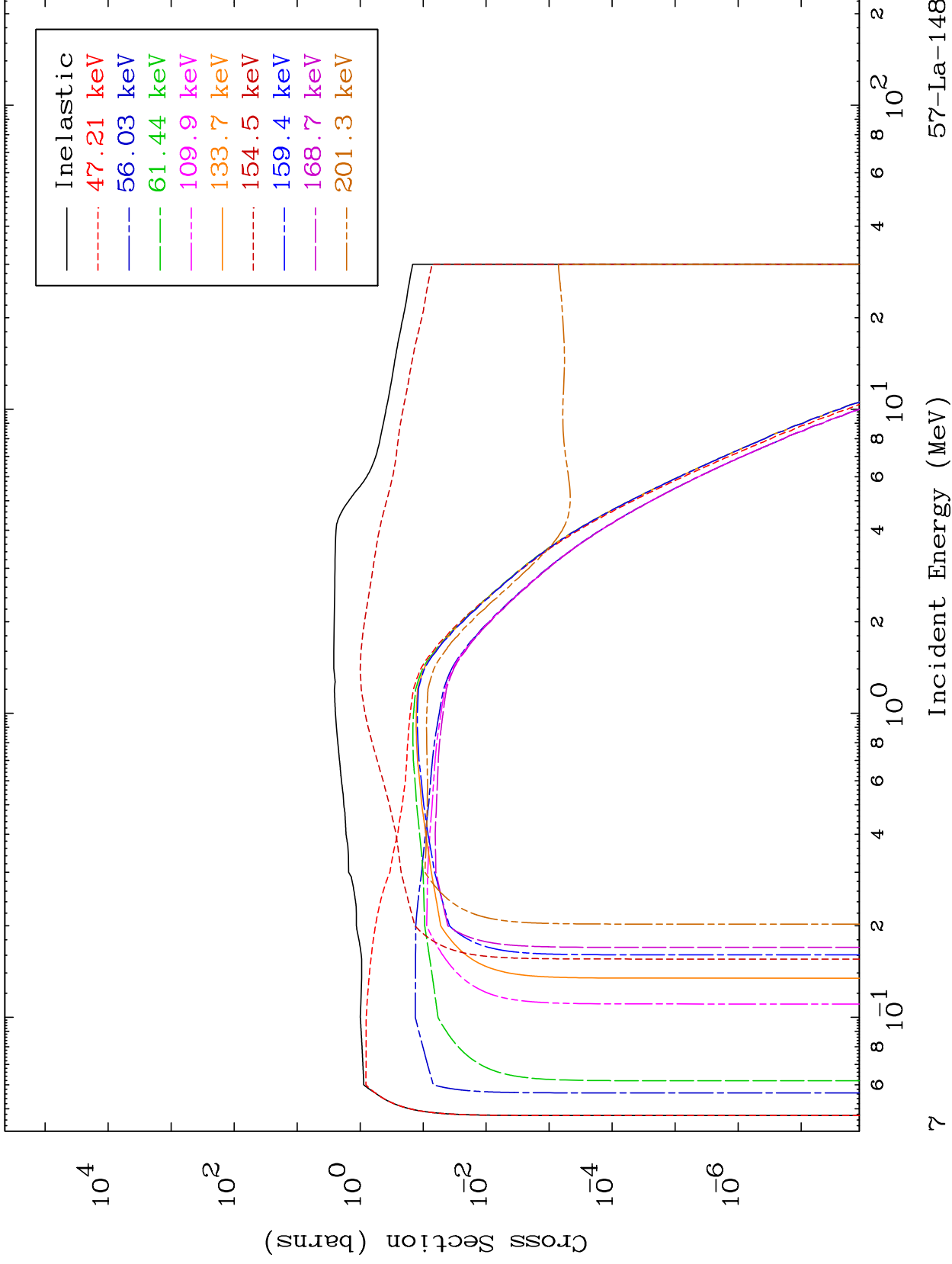




MAT 5755

(n,n') Level
293 Kelvin Cross Sections

57-La-148

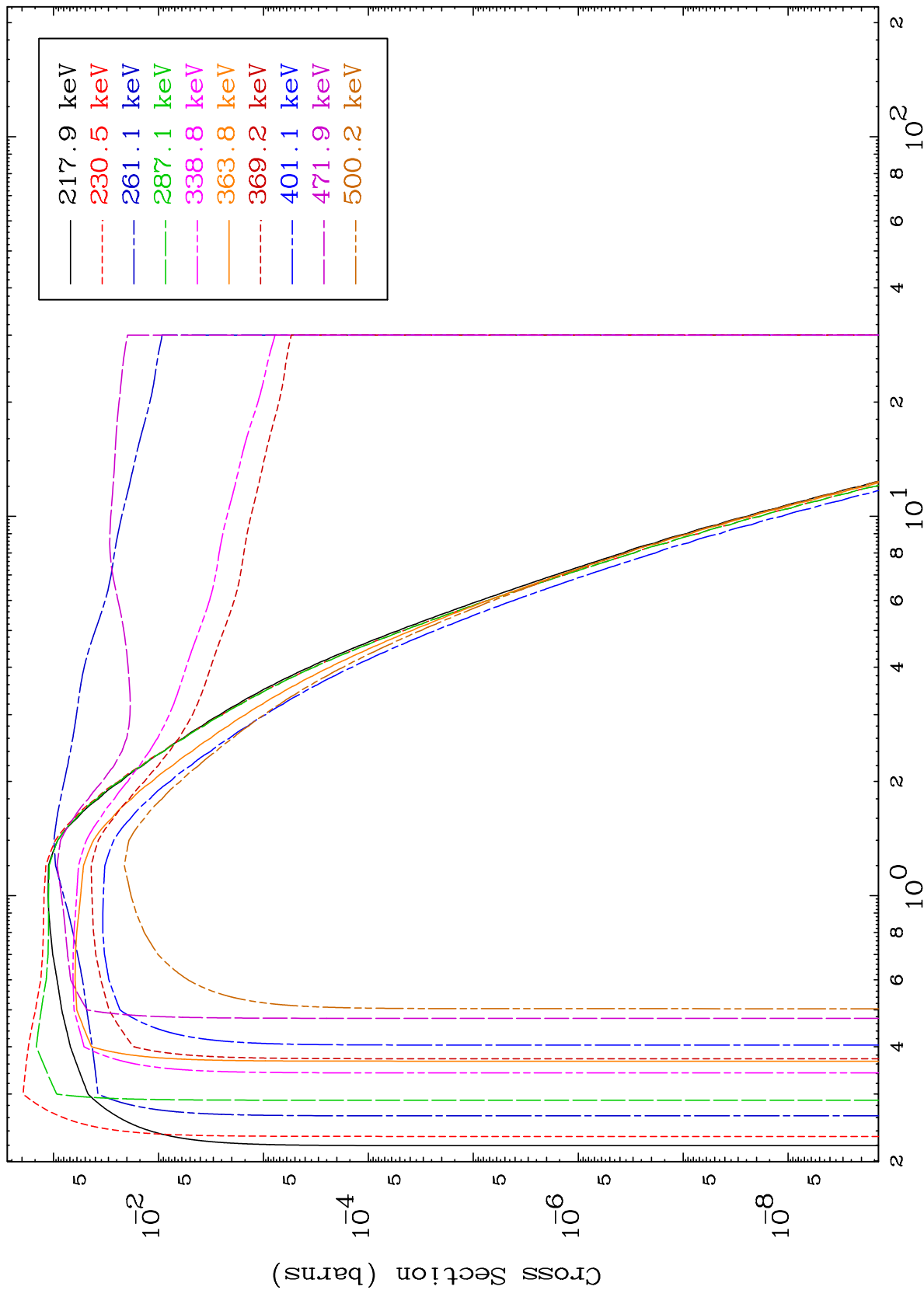


MAT 5755

(n,n') Level

57-La-148

293 Kelvin Cross Sections



8

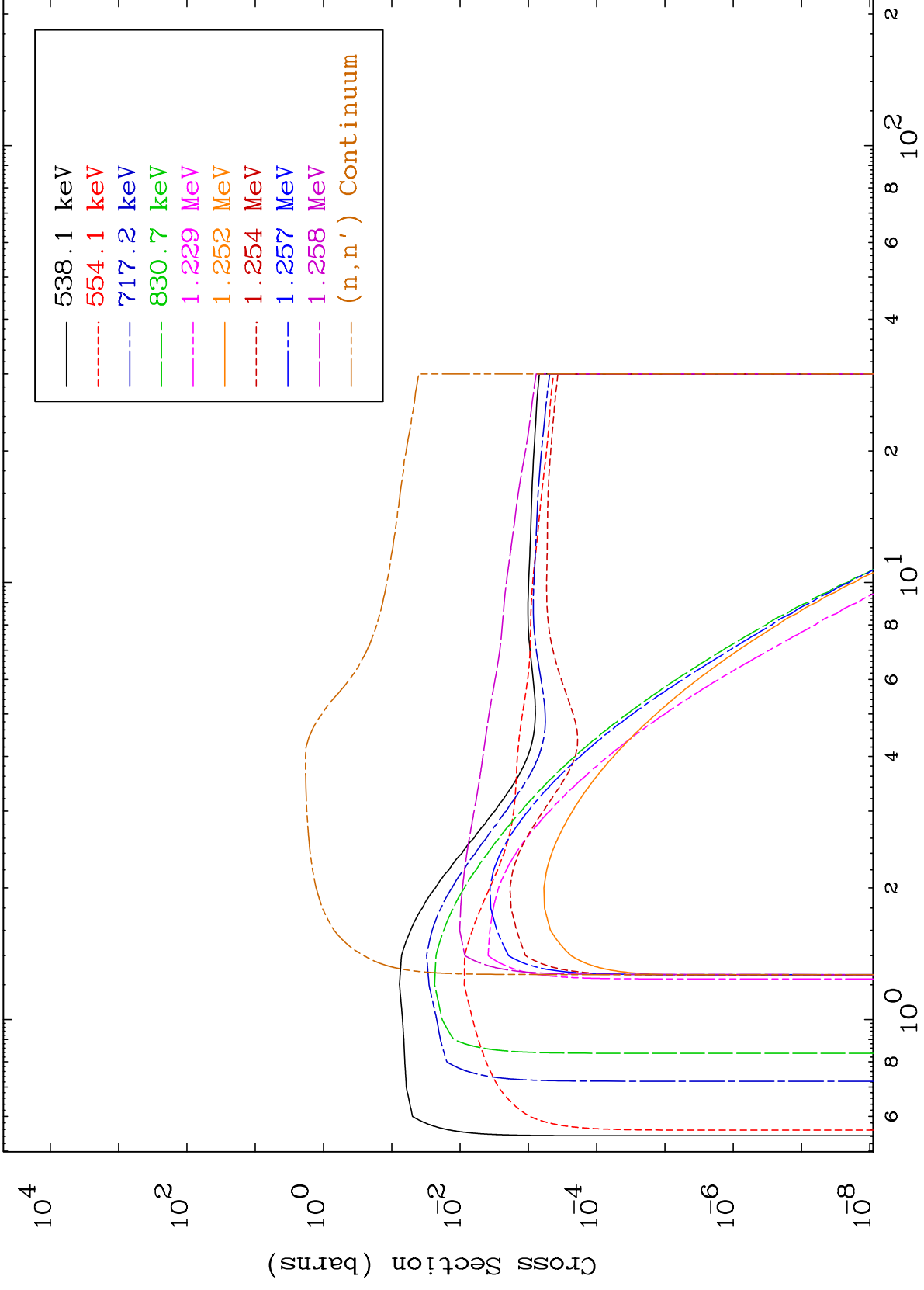
Incident Energy (MeV)

57-La-148

MAT 5755

(n,n') Level
293 Kelvin Cross Sections

57-La-148



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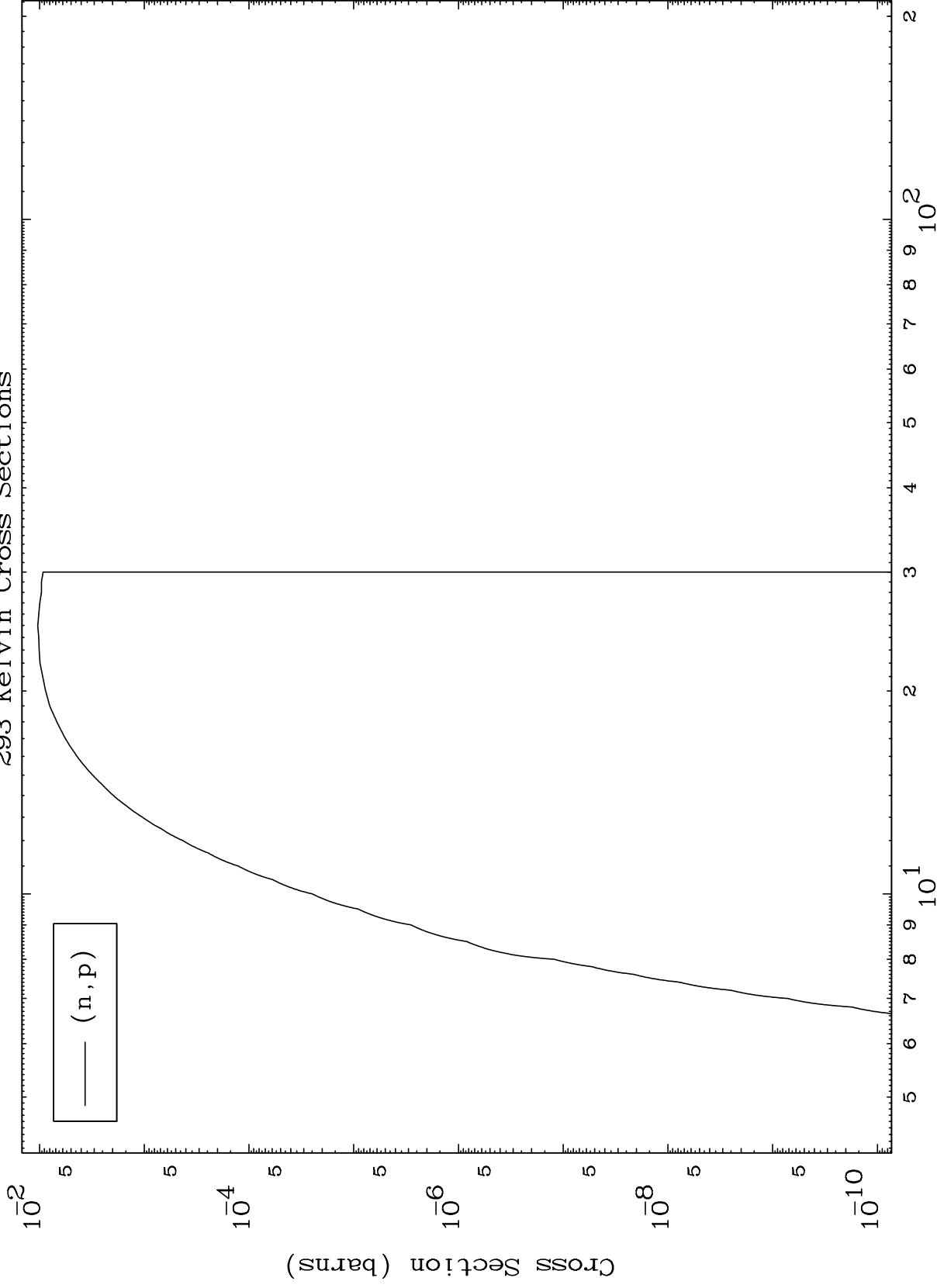
Incident Energy (MeV)

57-La-148

MAT 5755

(n,p) Levels
293 Kelvin Cross Sections

57-La-148



10

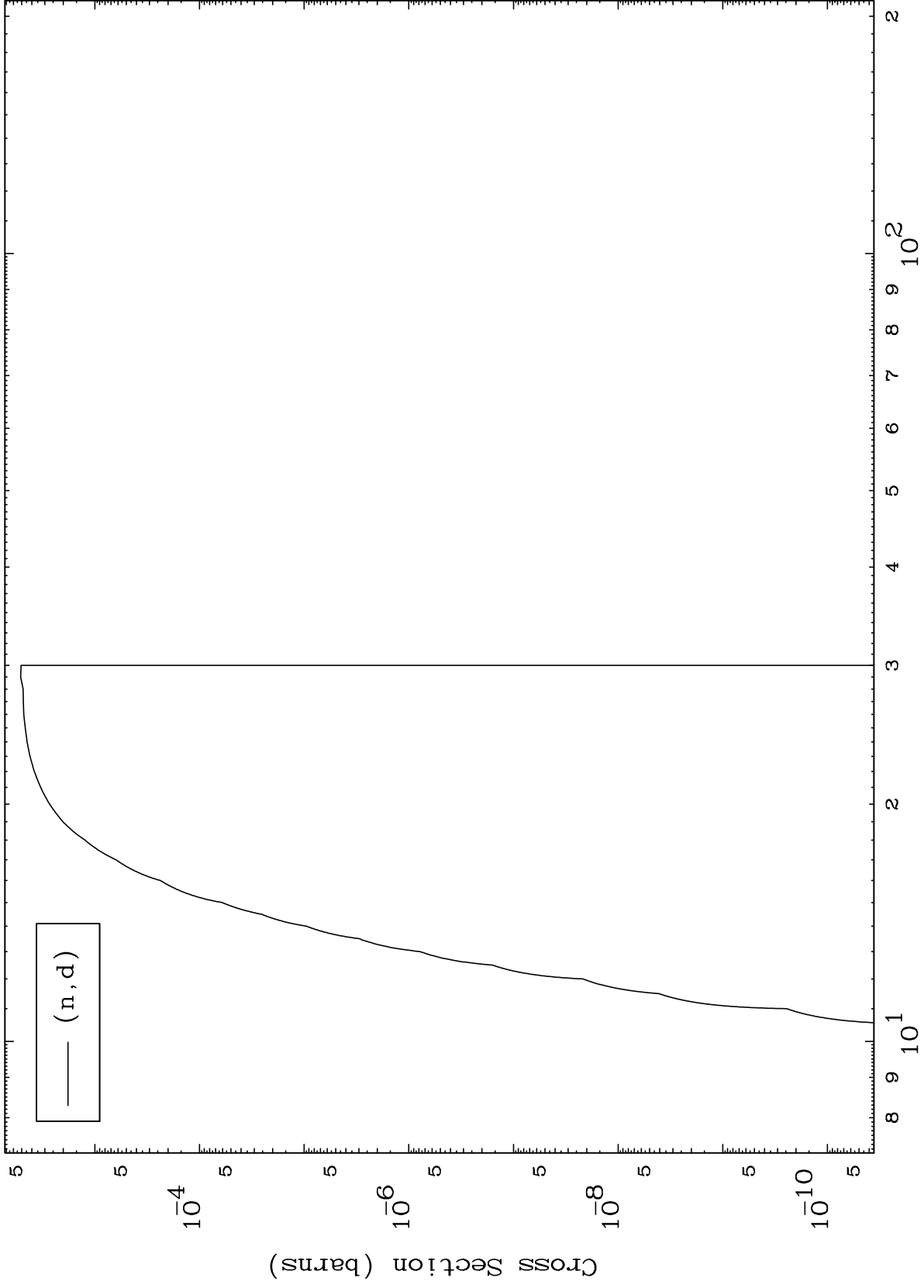
Incident Energy (MeV)

57-La-148

MAT 5755

(n,d) Levels
293 Kelvin Cross Sections

57-La-148



11

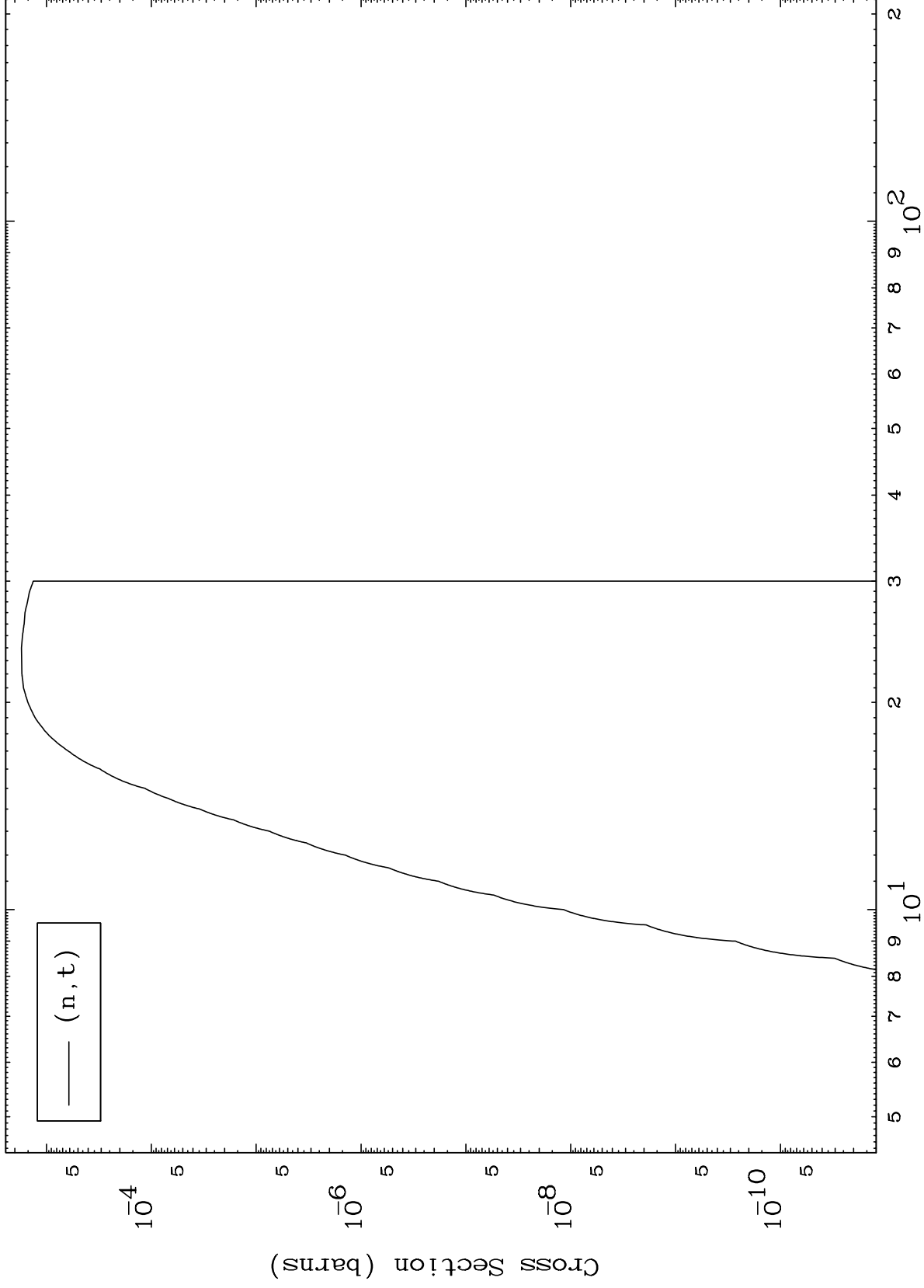
Incident Energy (MeV)

57-La-148

MAT 5755

(n,t) Levels
293 Kelvin Cross Sections

57-La-148



12

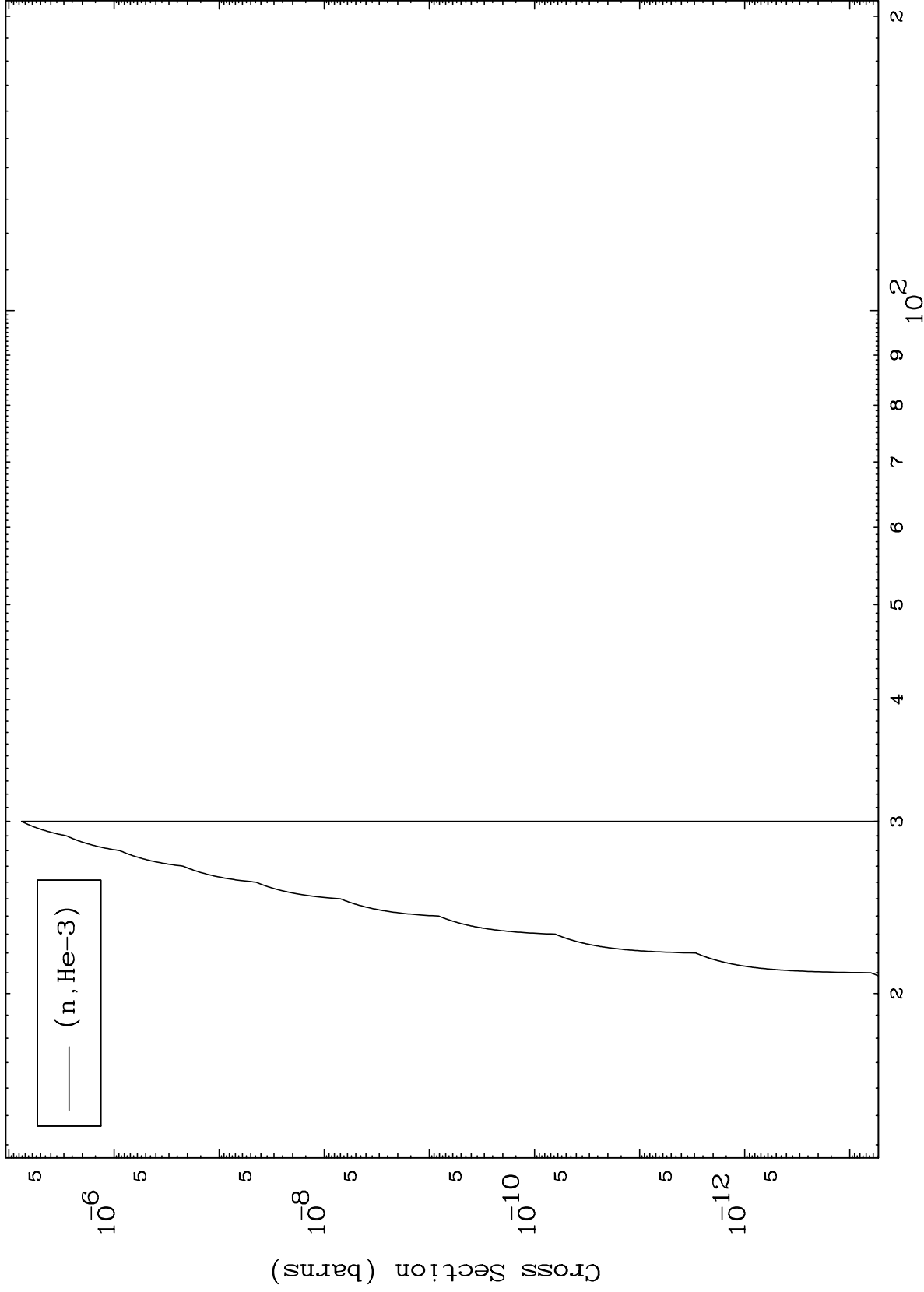
Incident Energy (MeV)

57-La-148

MAT 5755

(n,He3) Levels
293 Kelvin Cross Sections

57-La-148



13

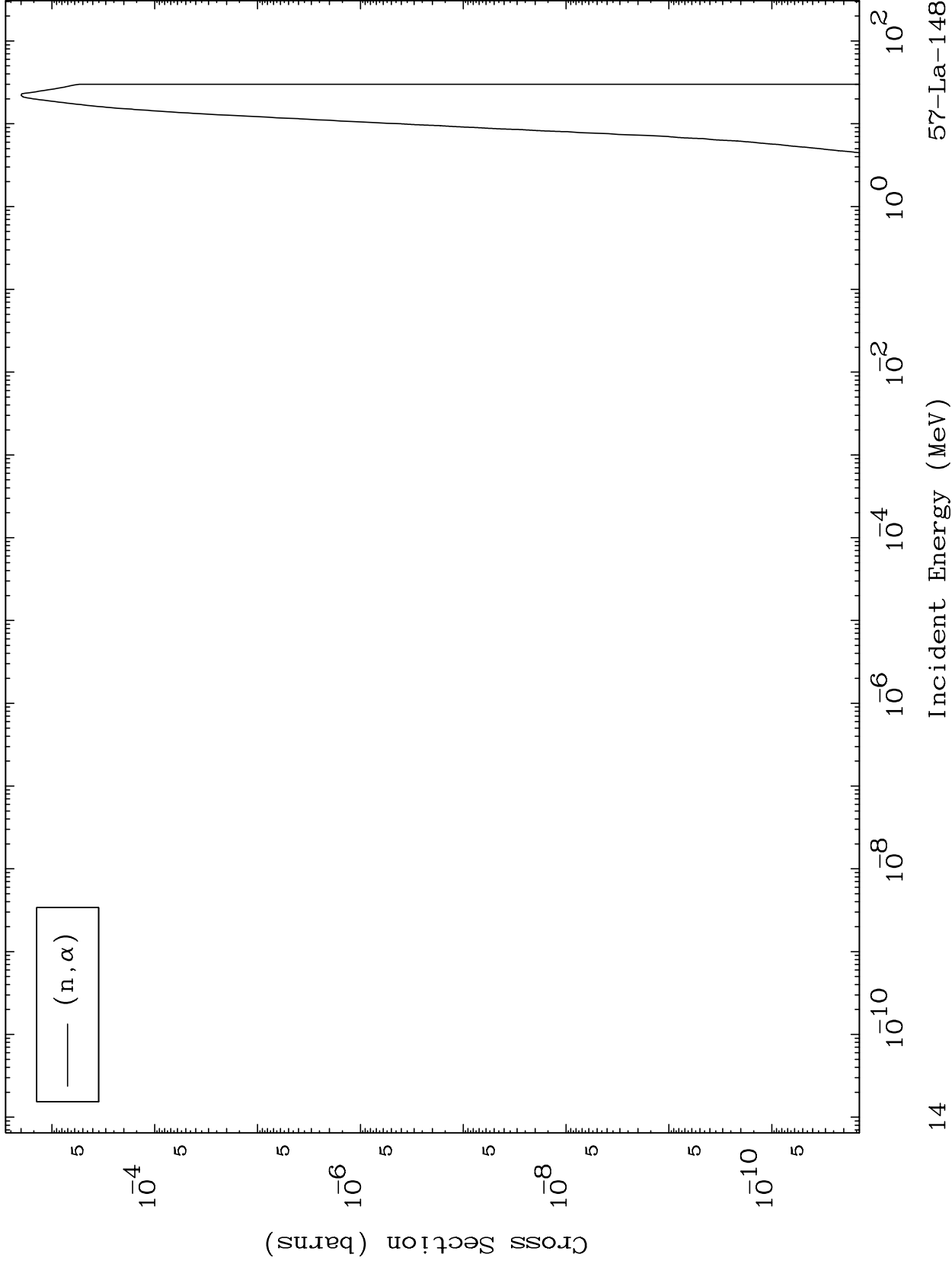
Incident Energy (MeV)

57-La-148

MAT 5755

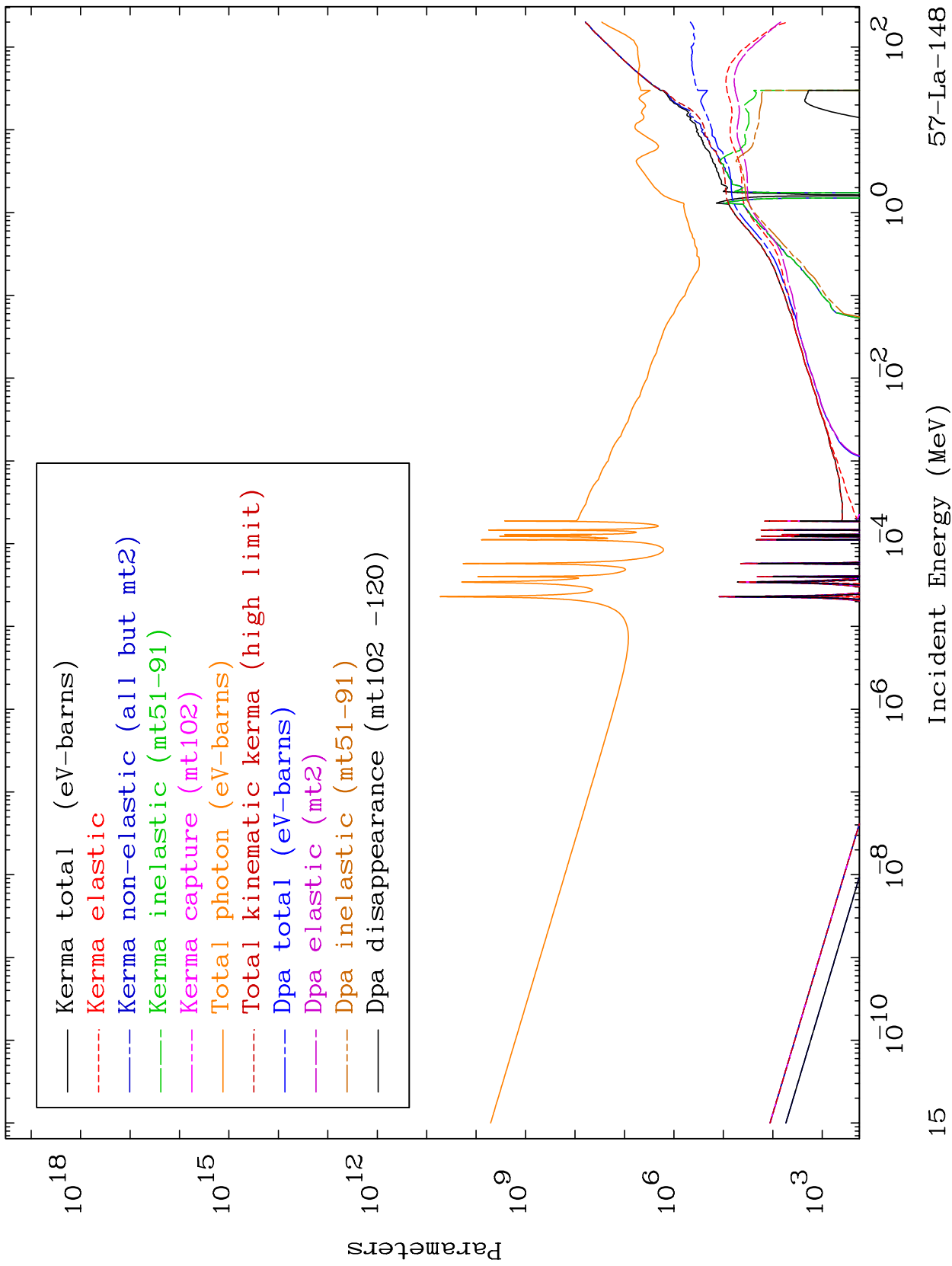
(n, α) Levels
293 Kelvin Cross Sections

57-La-148



14

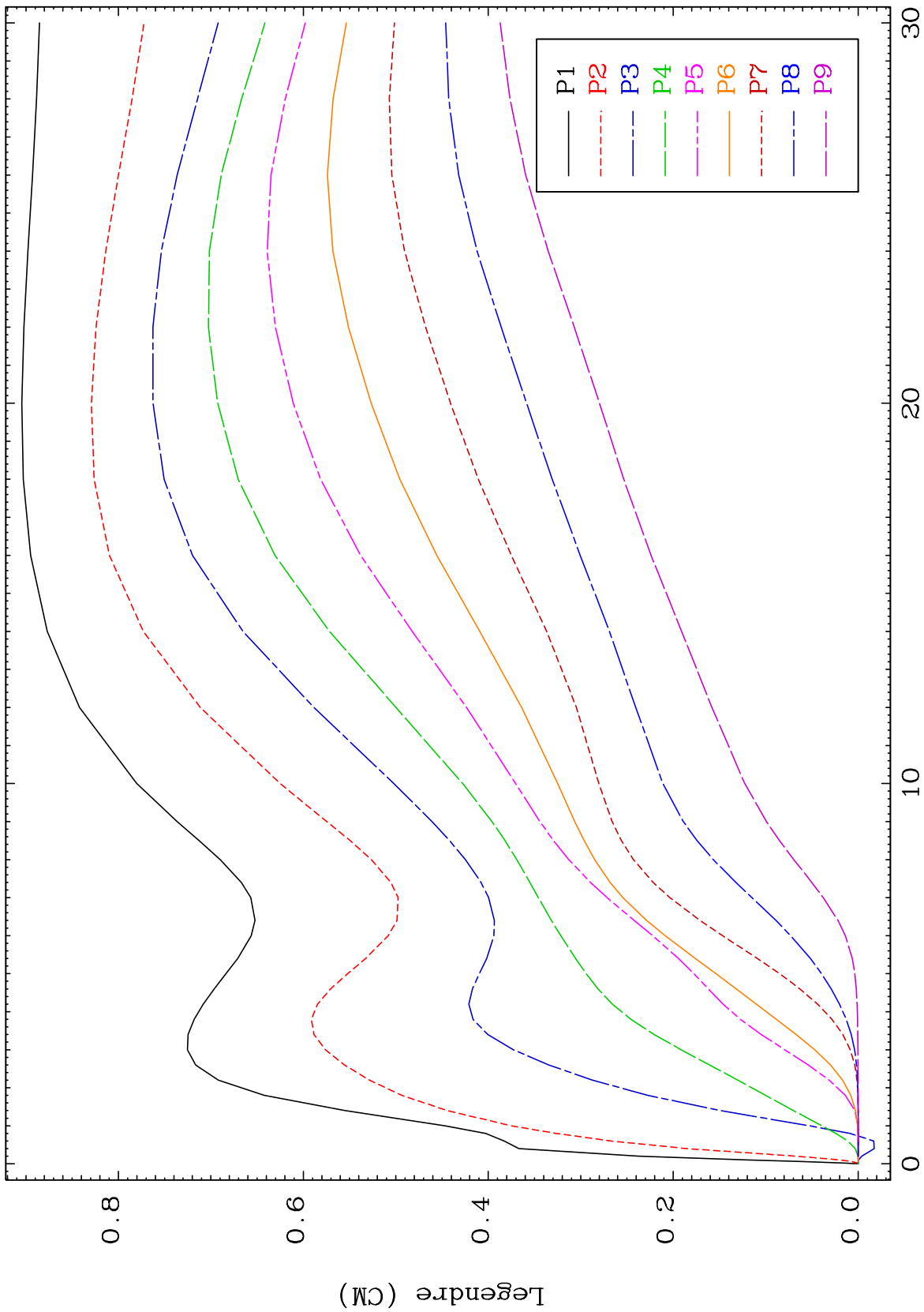
57-La-148



MAT 5755

Elastic Legendre Coefficients

57-La-148



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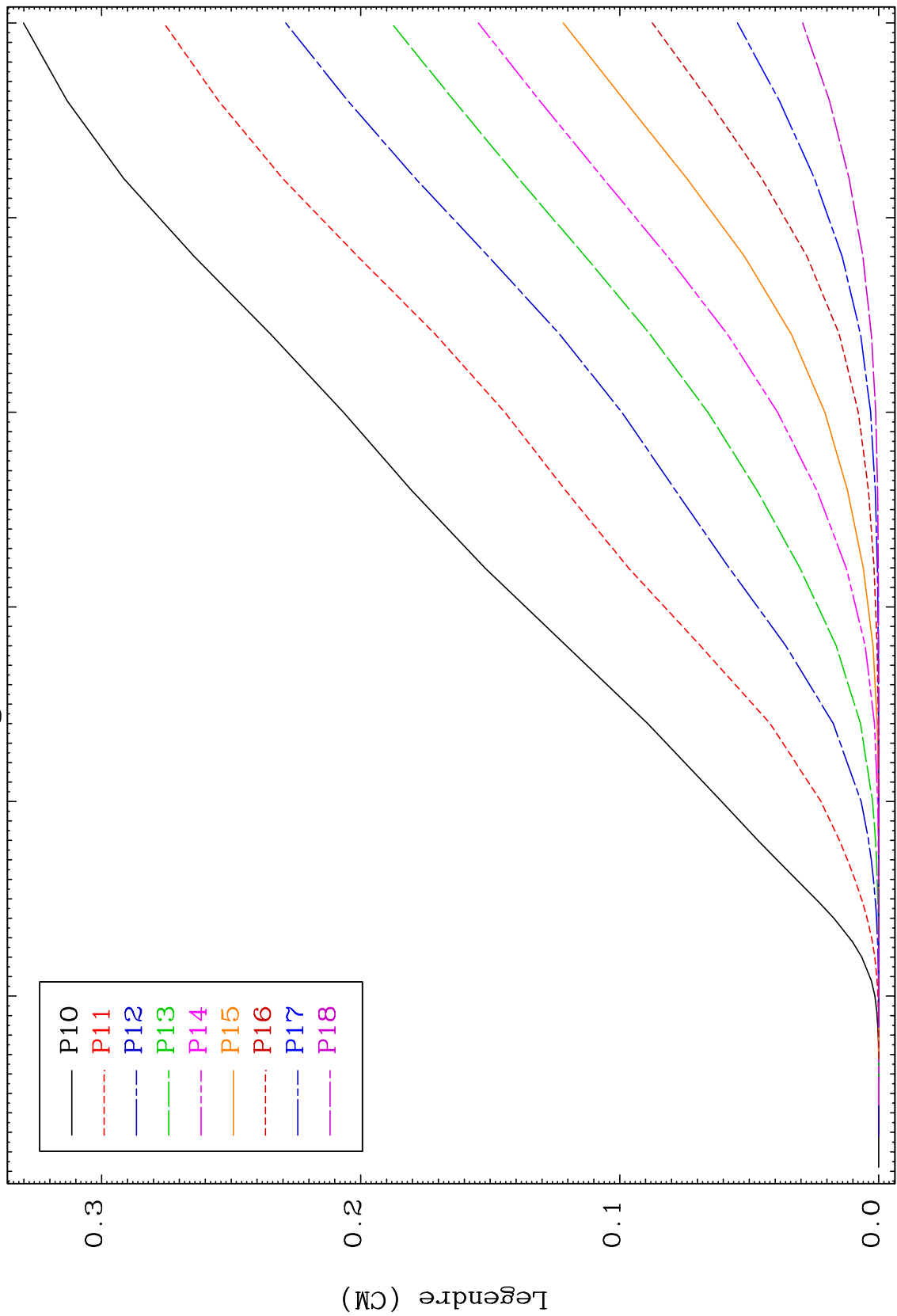
Incident Energy (MeV)

57-La-148

MAT 5755

Elastic Legendre Coefficients

57-La-148



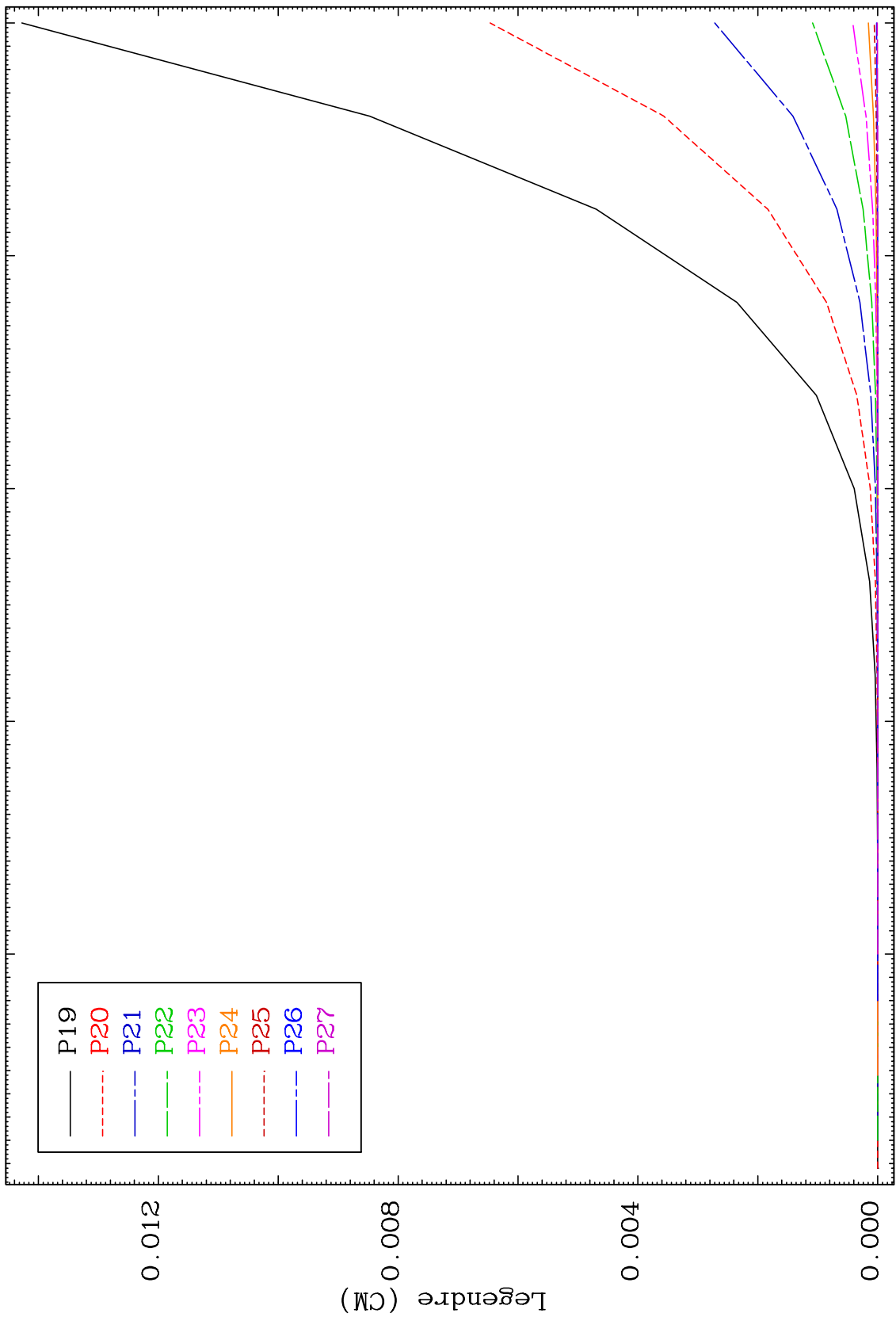
17

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MAT 5755

Elastic Legendre Coefficients

57-La-148



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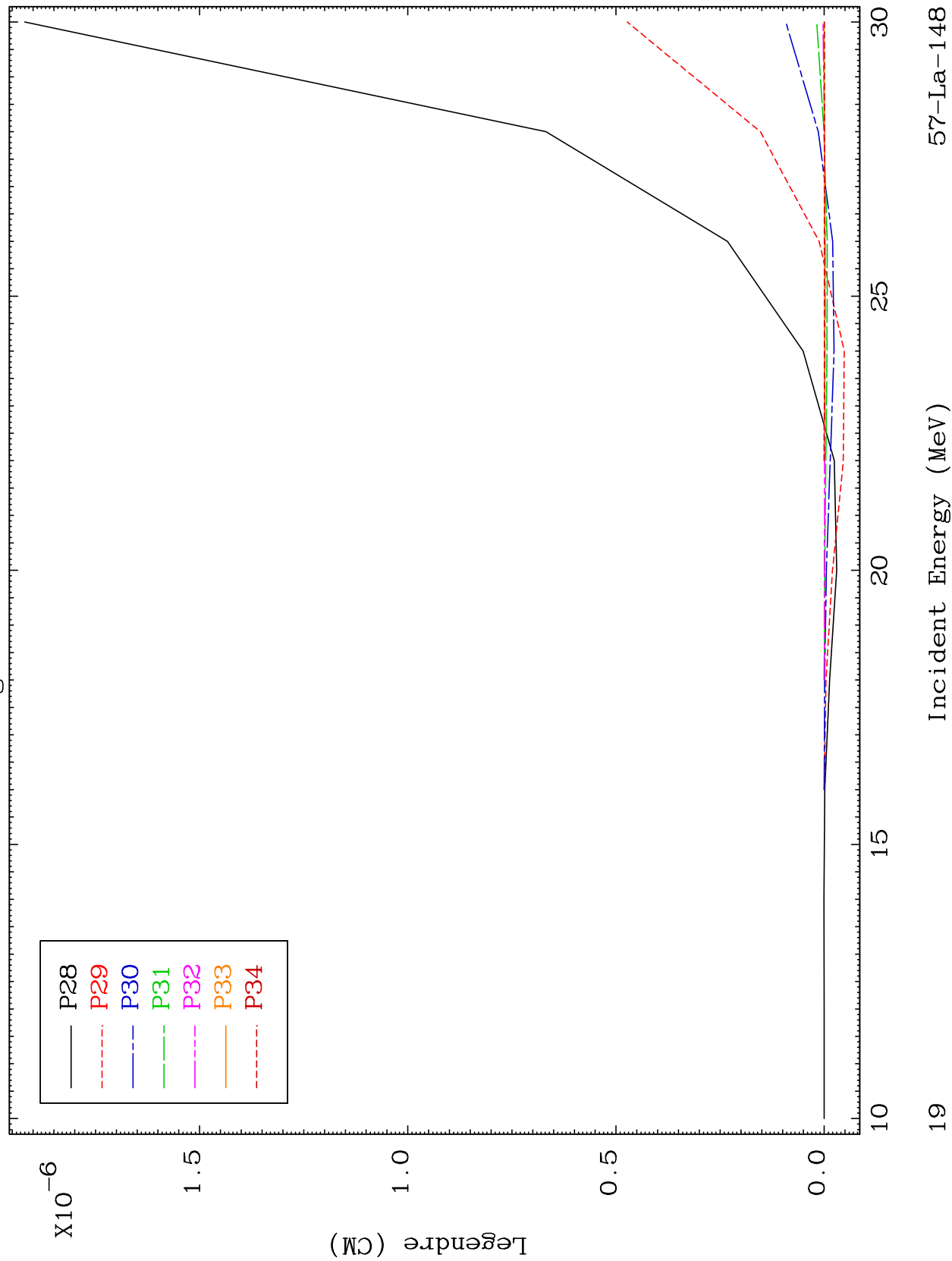
Incident Energy (MeV)

57-La-148

MAT 5755

Elastic
Legendre Coefficients

57-La-148



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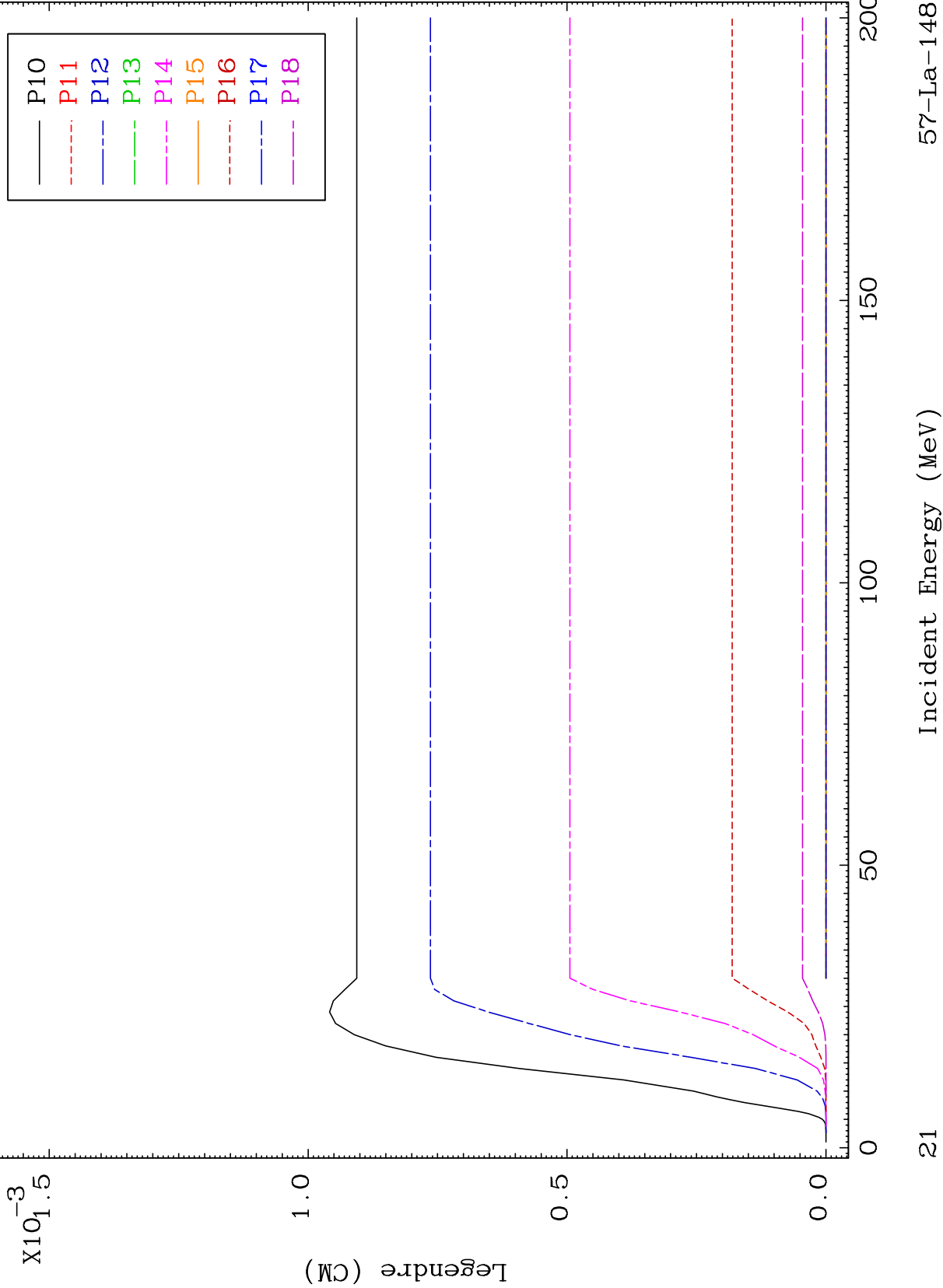
Incident Energy (MeV)

57-La-148

MAT 5755

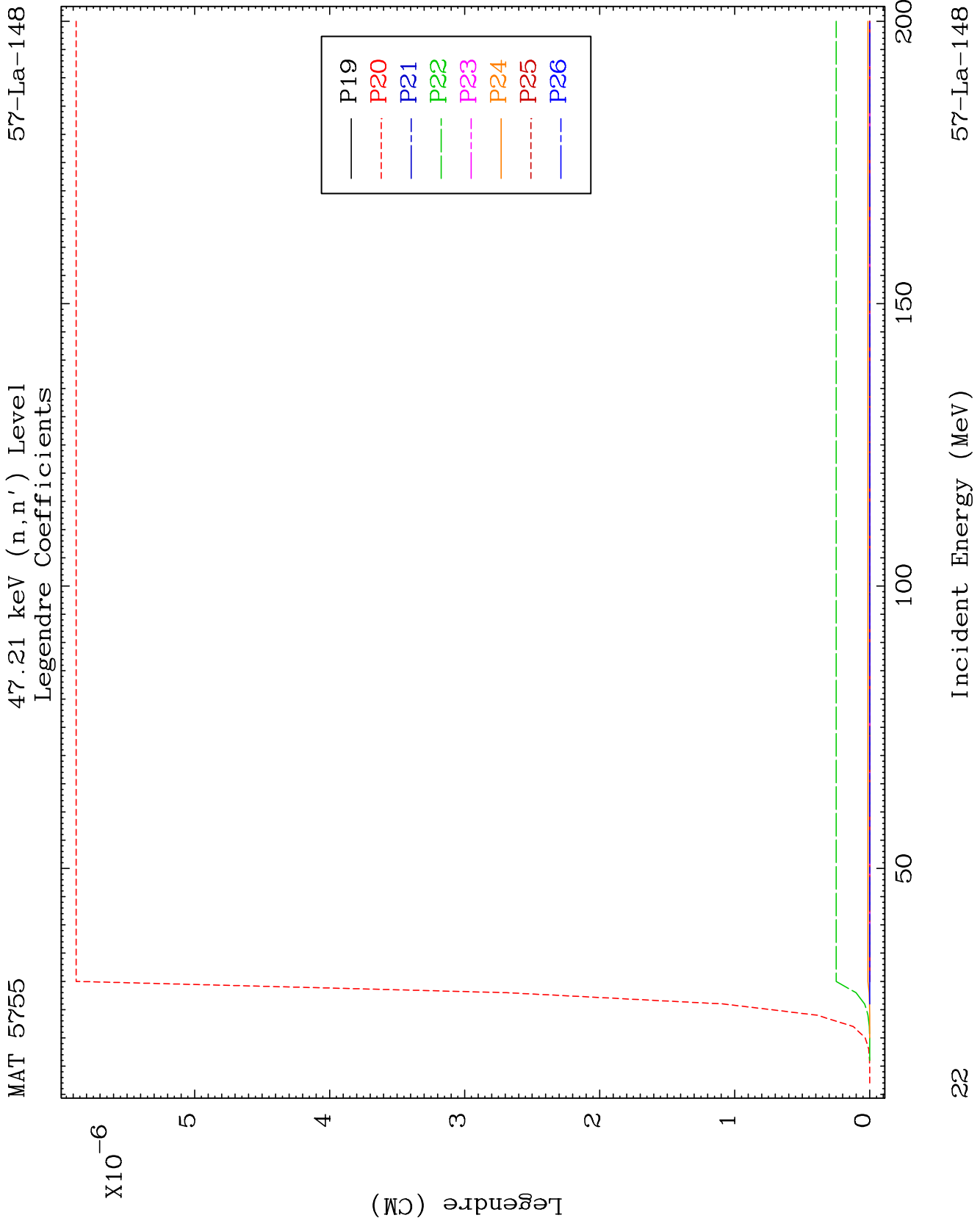
47.21 keV (n,n') Level
Legendre Coefficients

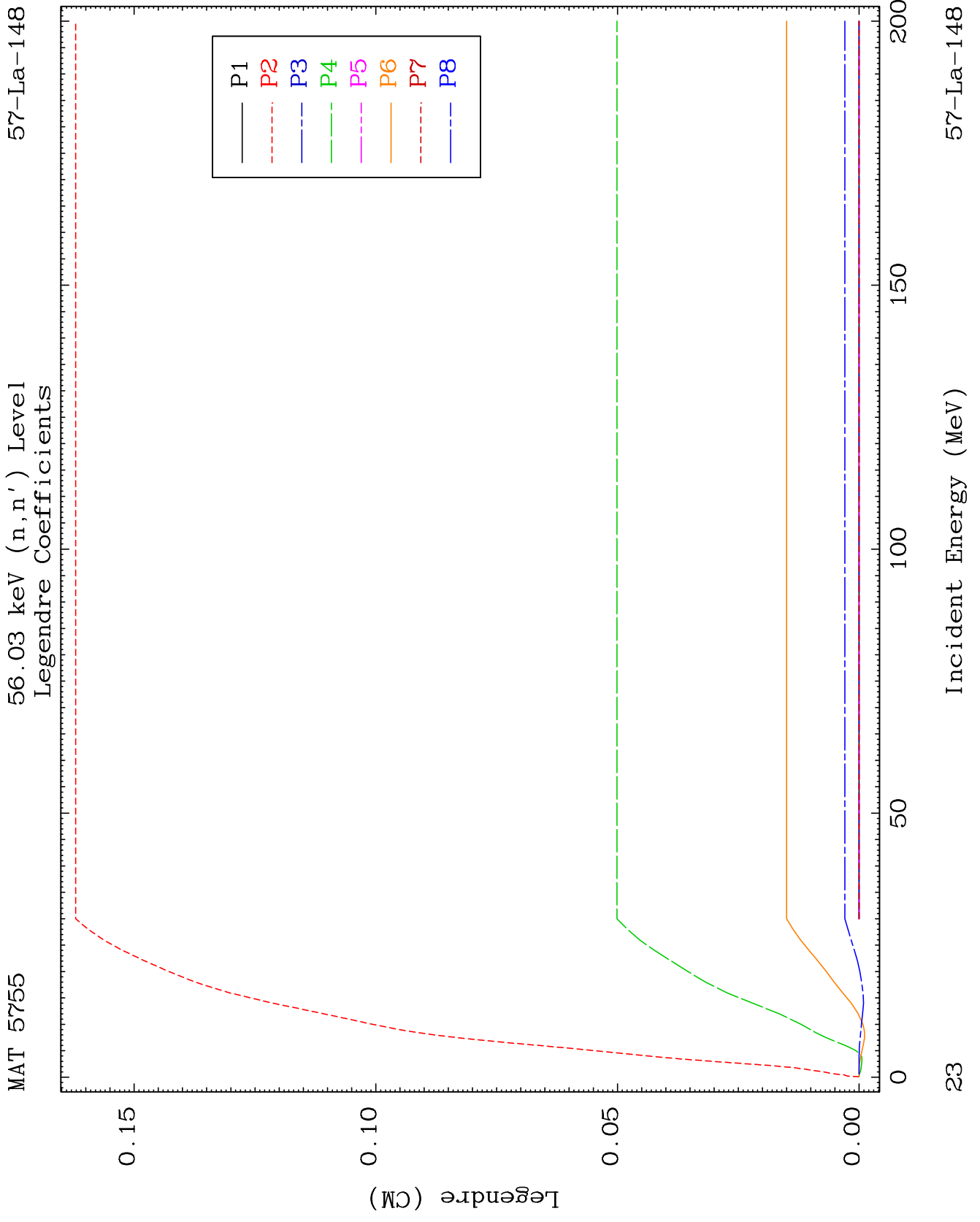
57-La-148

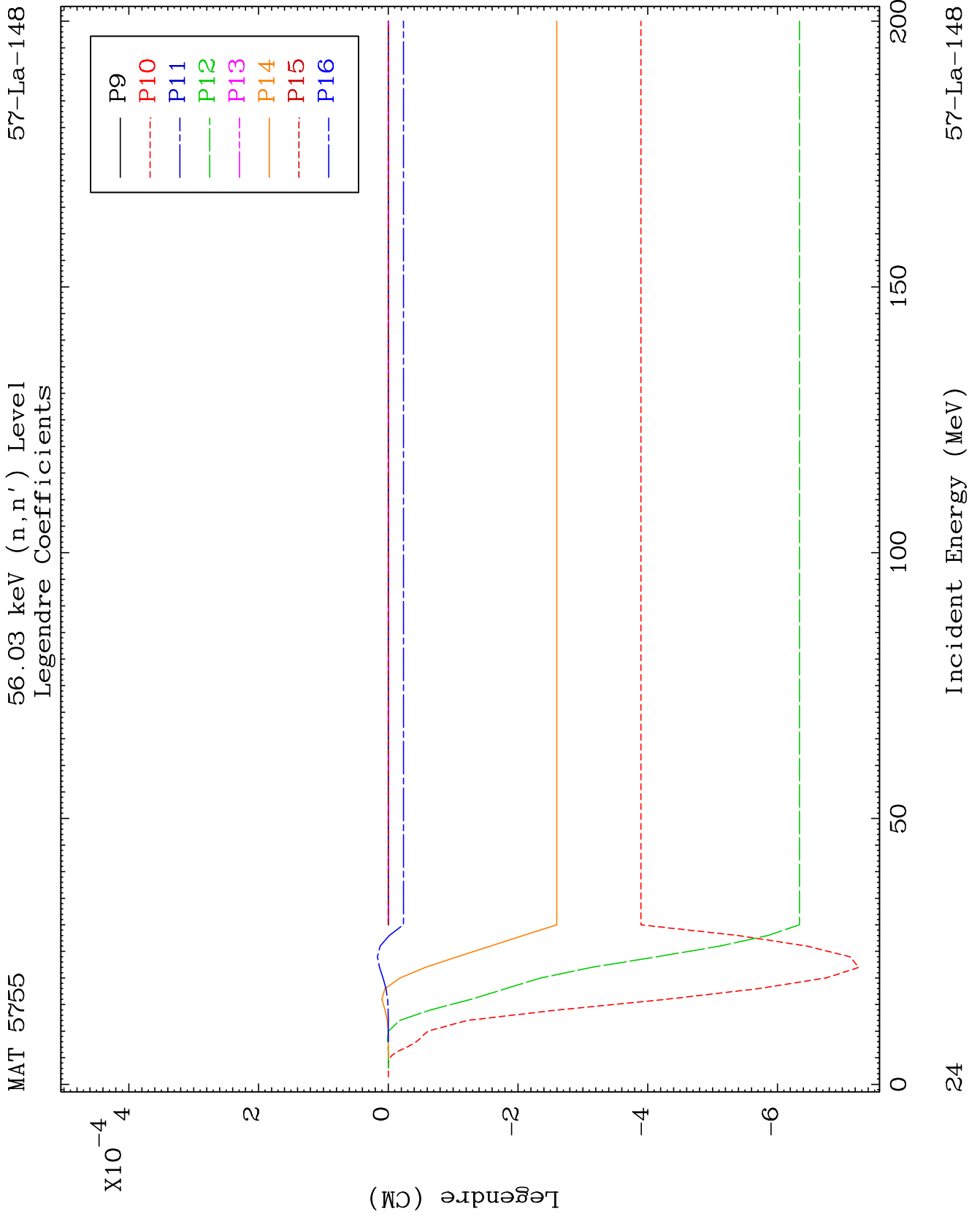


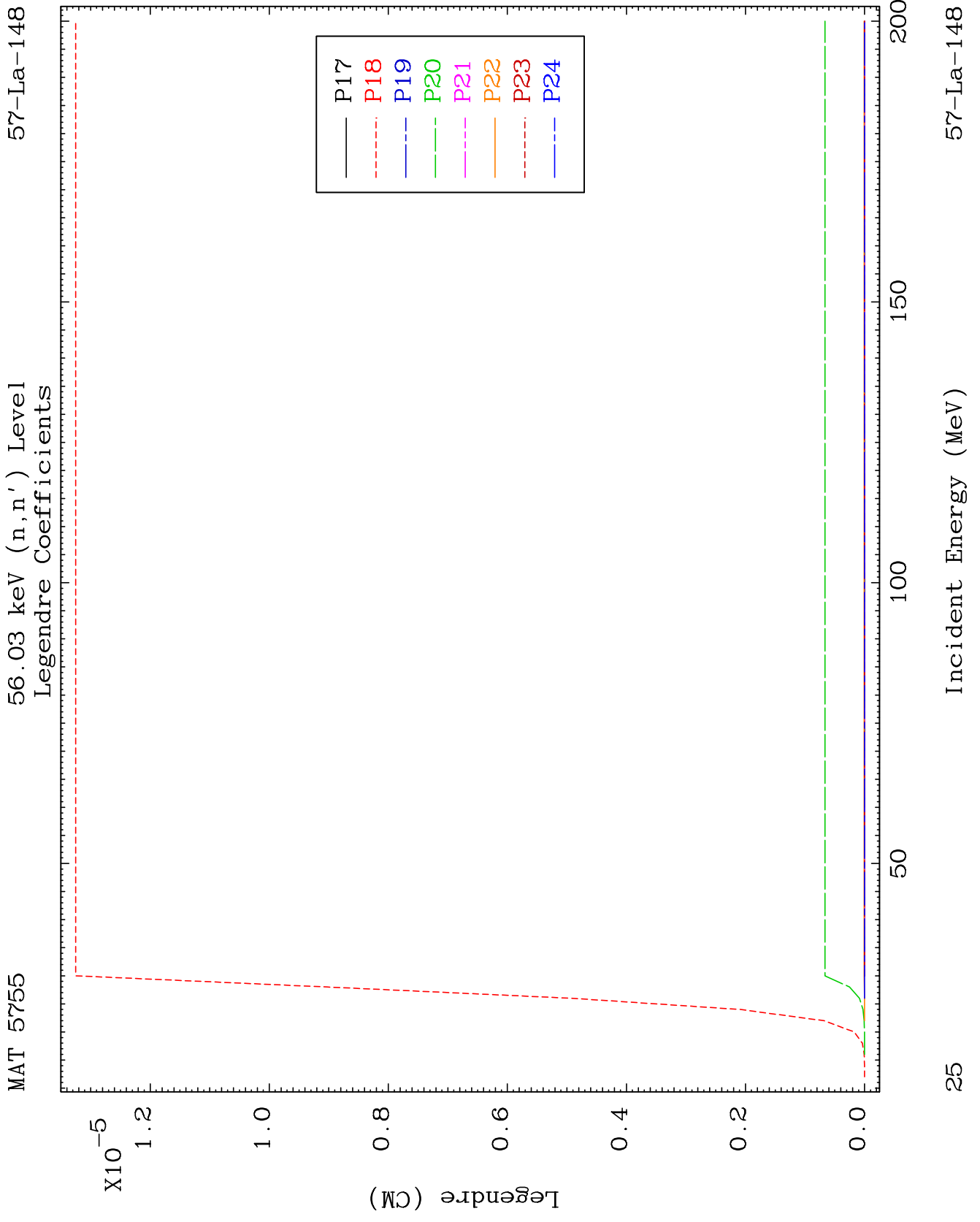
21

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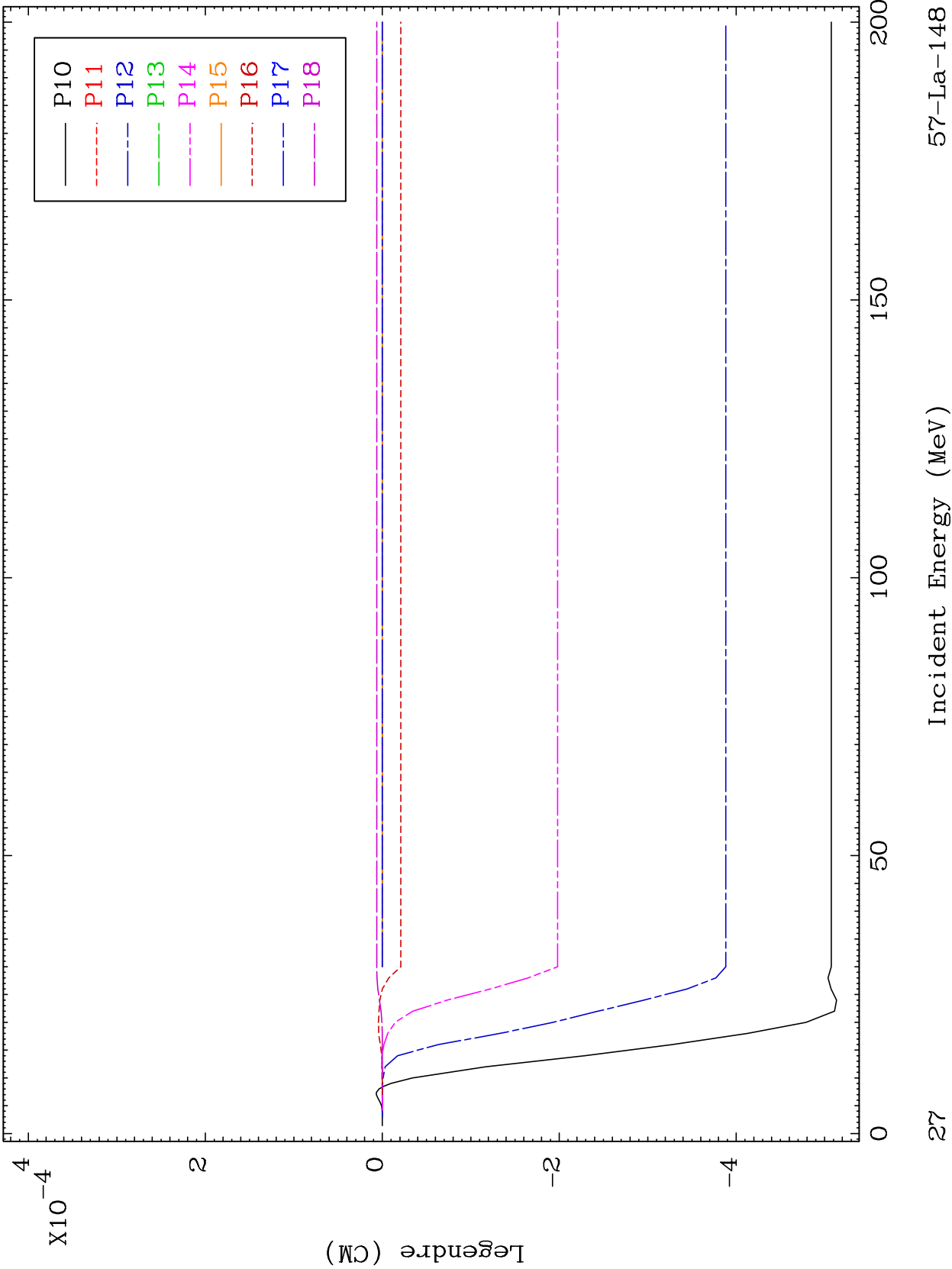




MAT 5755

61.44 keV (n,n') Level
Legendre Coefficients

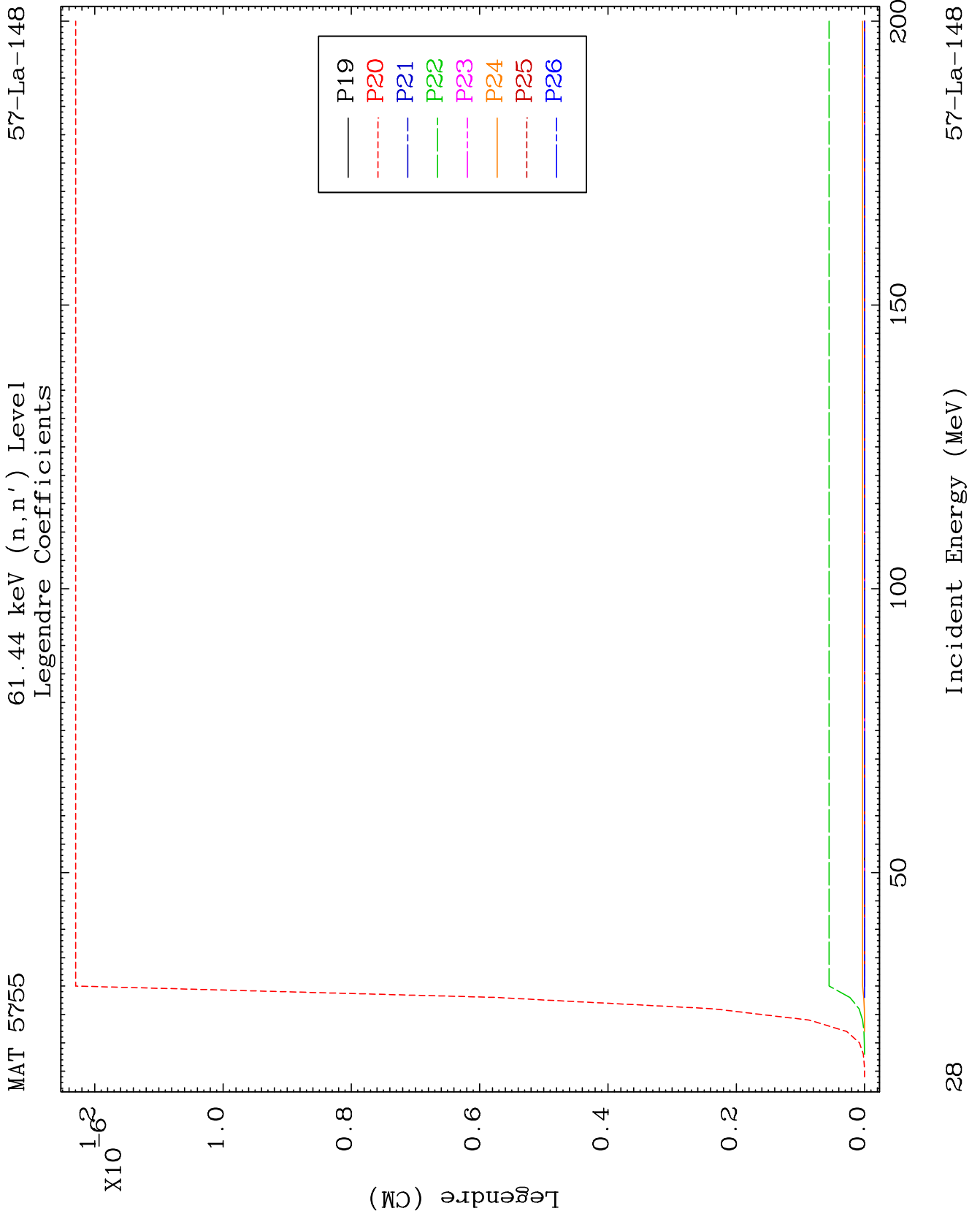
57-La-148

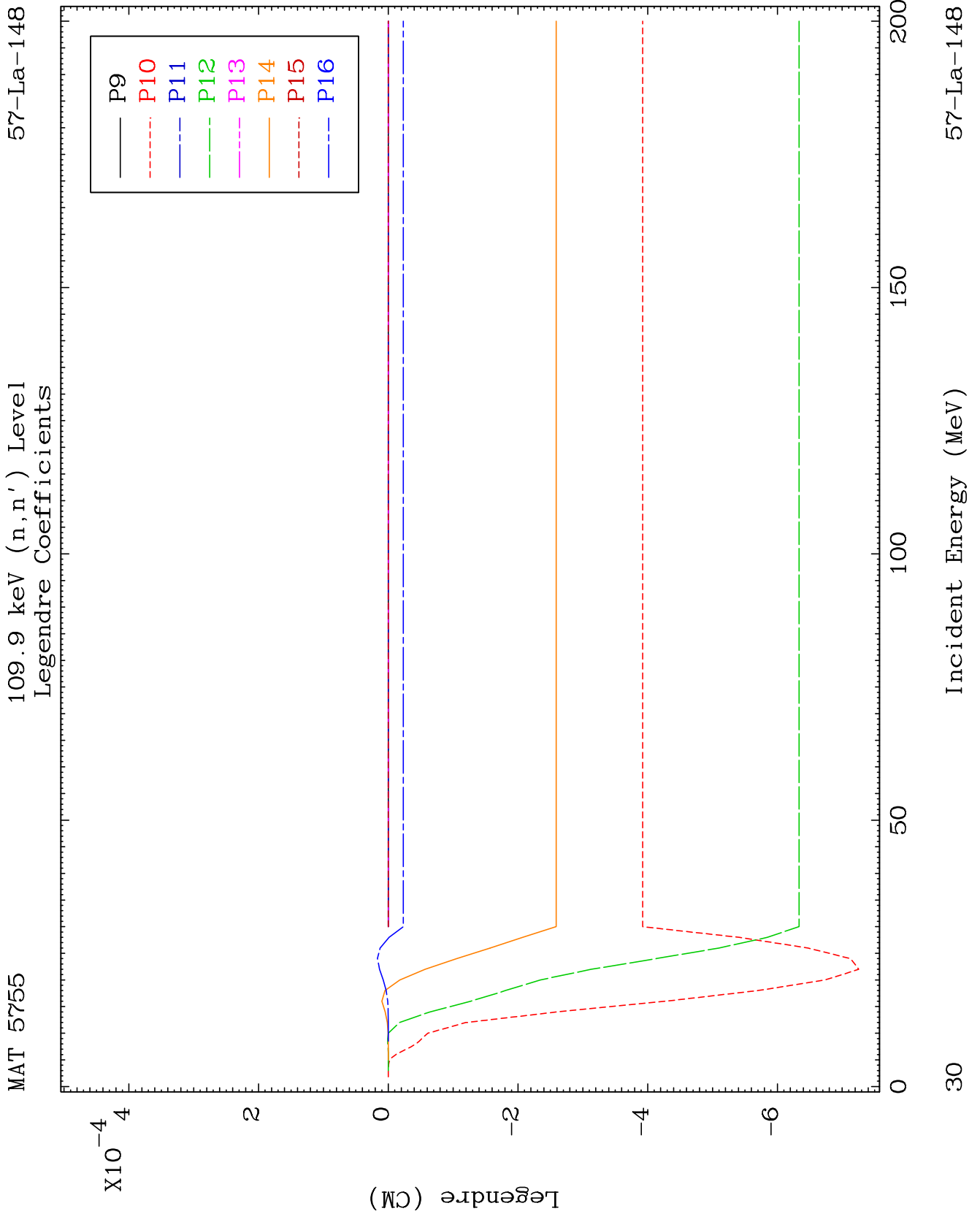


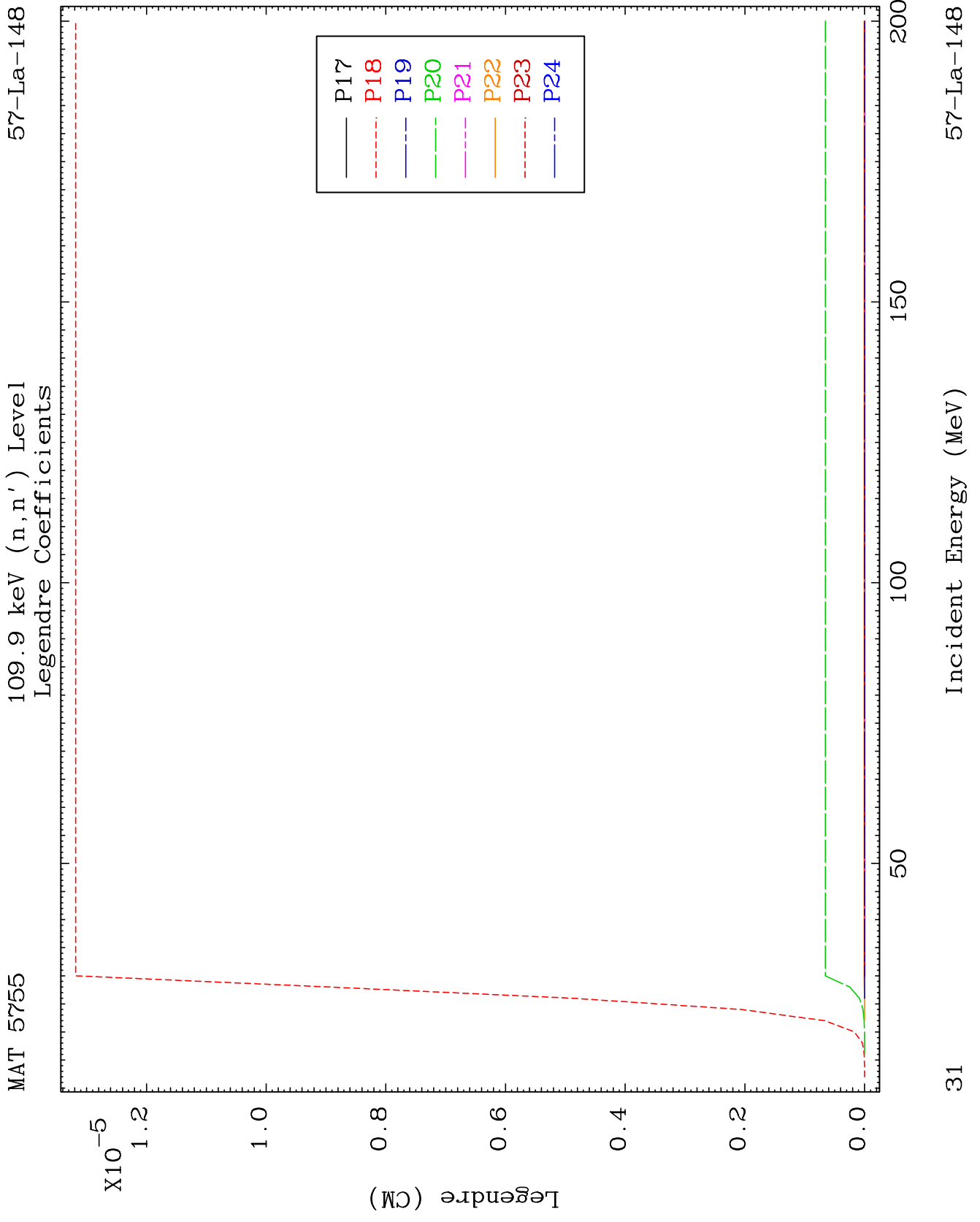
27

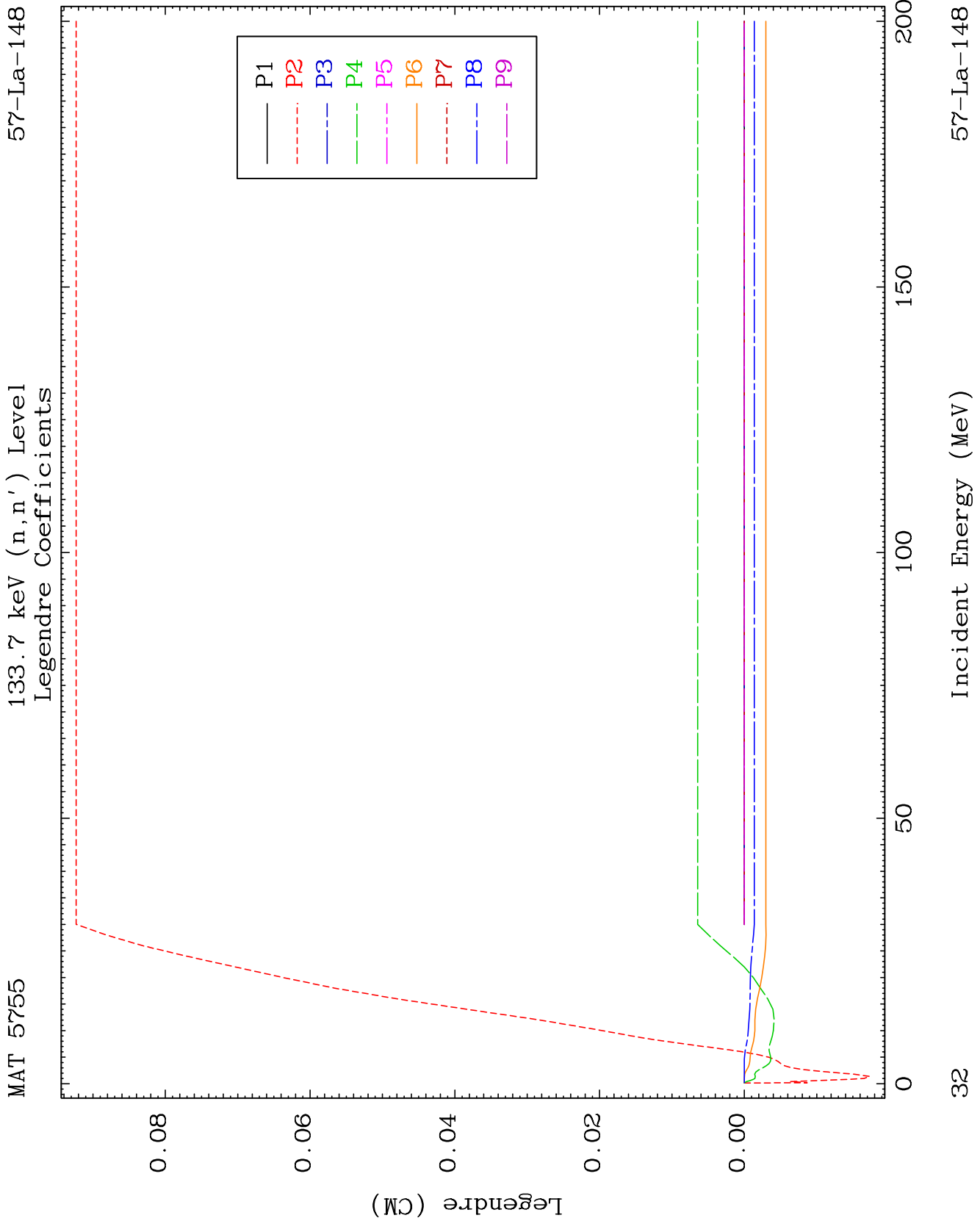
Incident Energy (MeV)

57-La-148





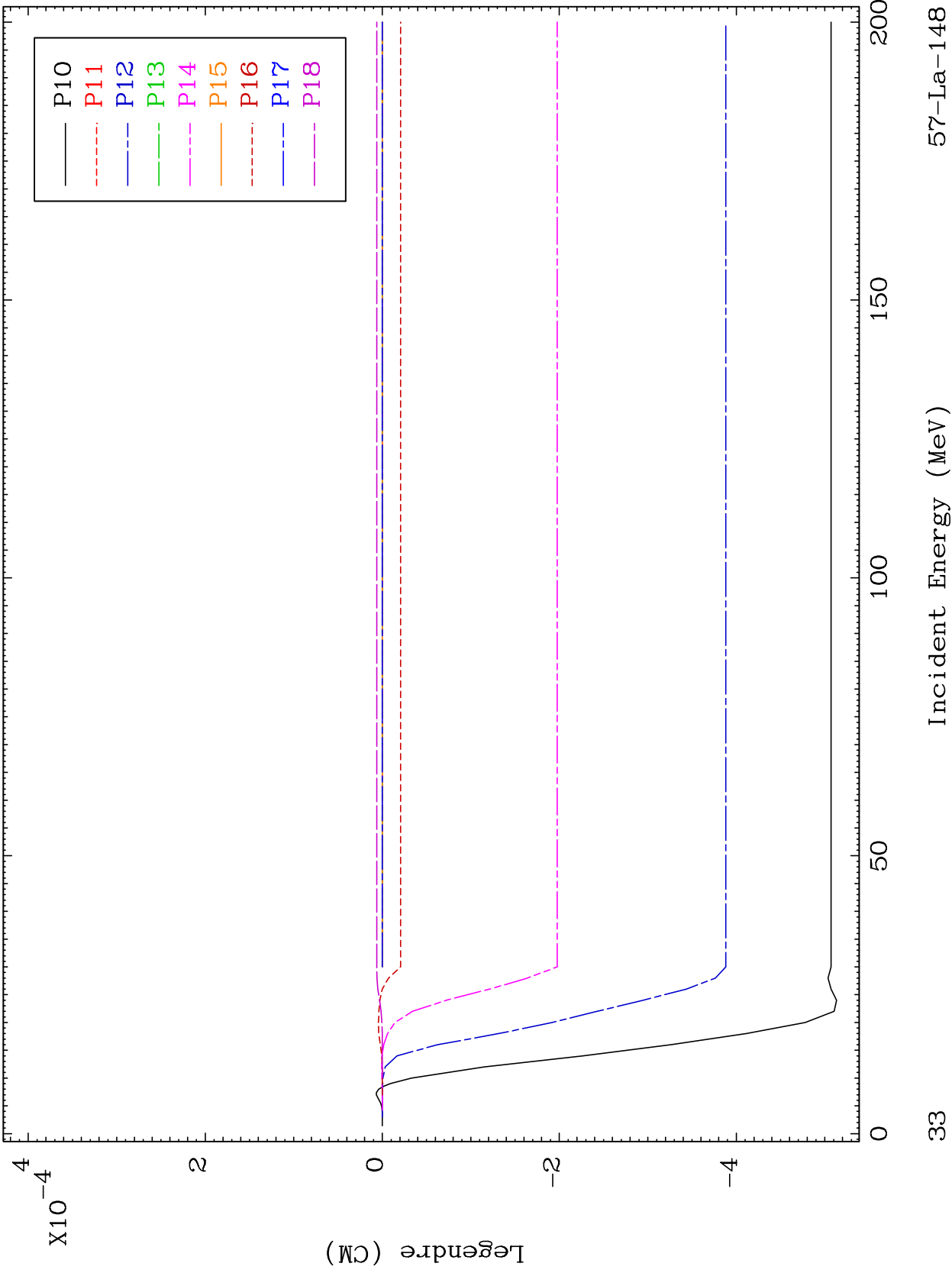




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133.7 keV (n,n') Level
Legendre Coefficients

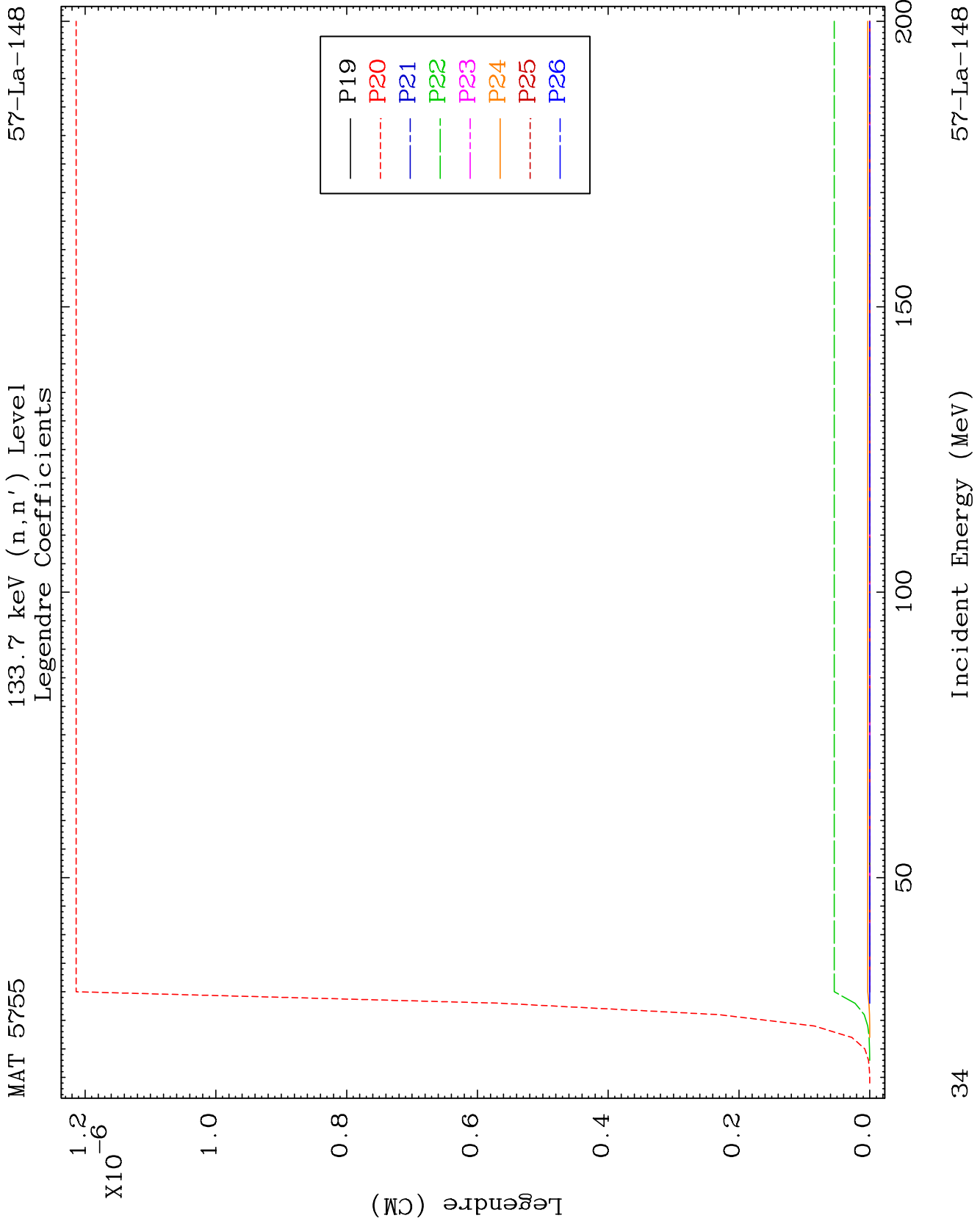
57-La-148



57-La-148

Incident Energy (MeV)

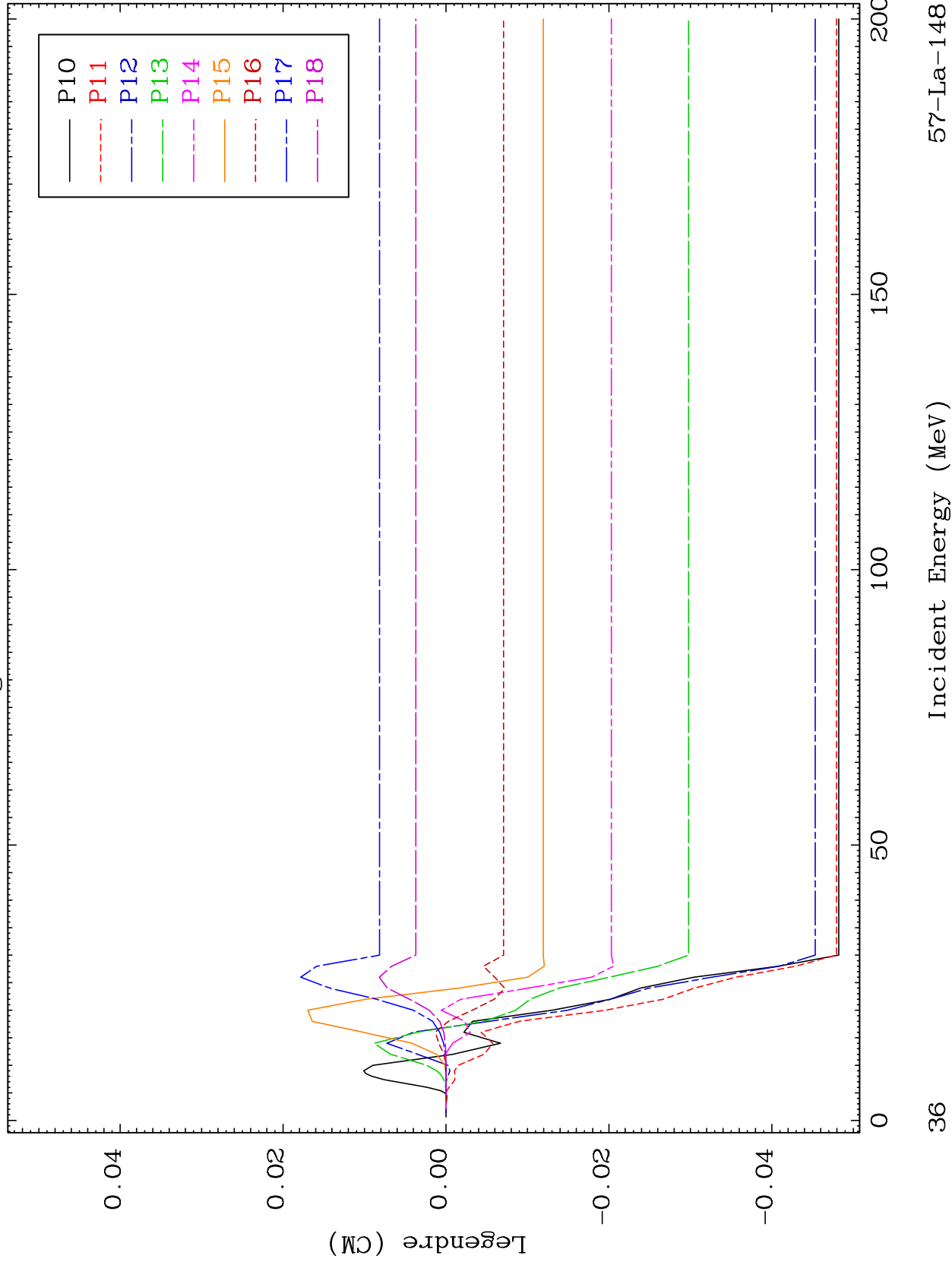
33



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154.5 keV (n,n') Level
Legendre Coefficients

57-La-148



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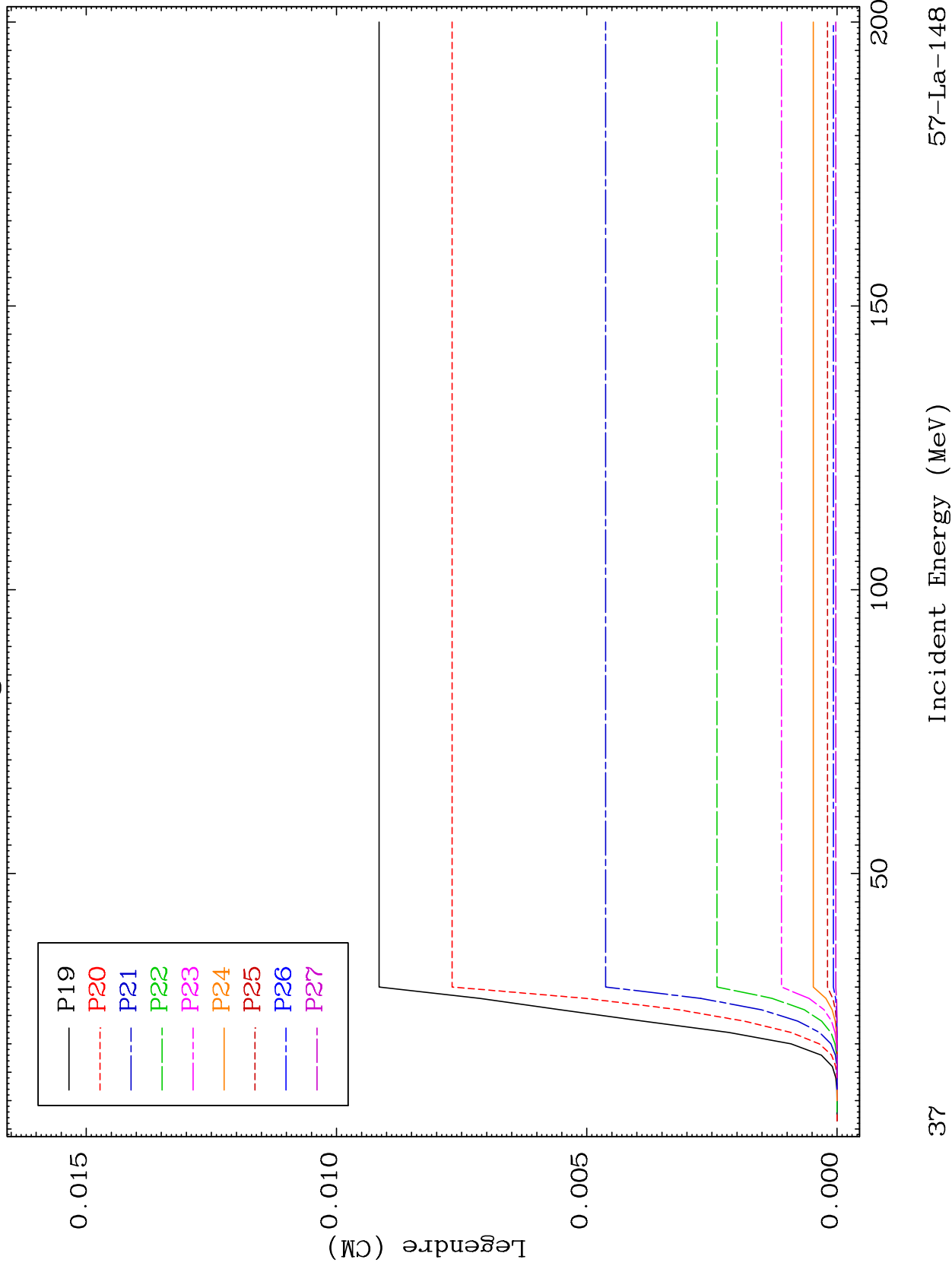
Incident Energy (MeV)

57-La-148

MAT 5755

154.5 keV (n, n') Level
Legendre Coefficients

57-La-148



37

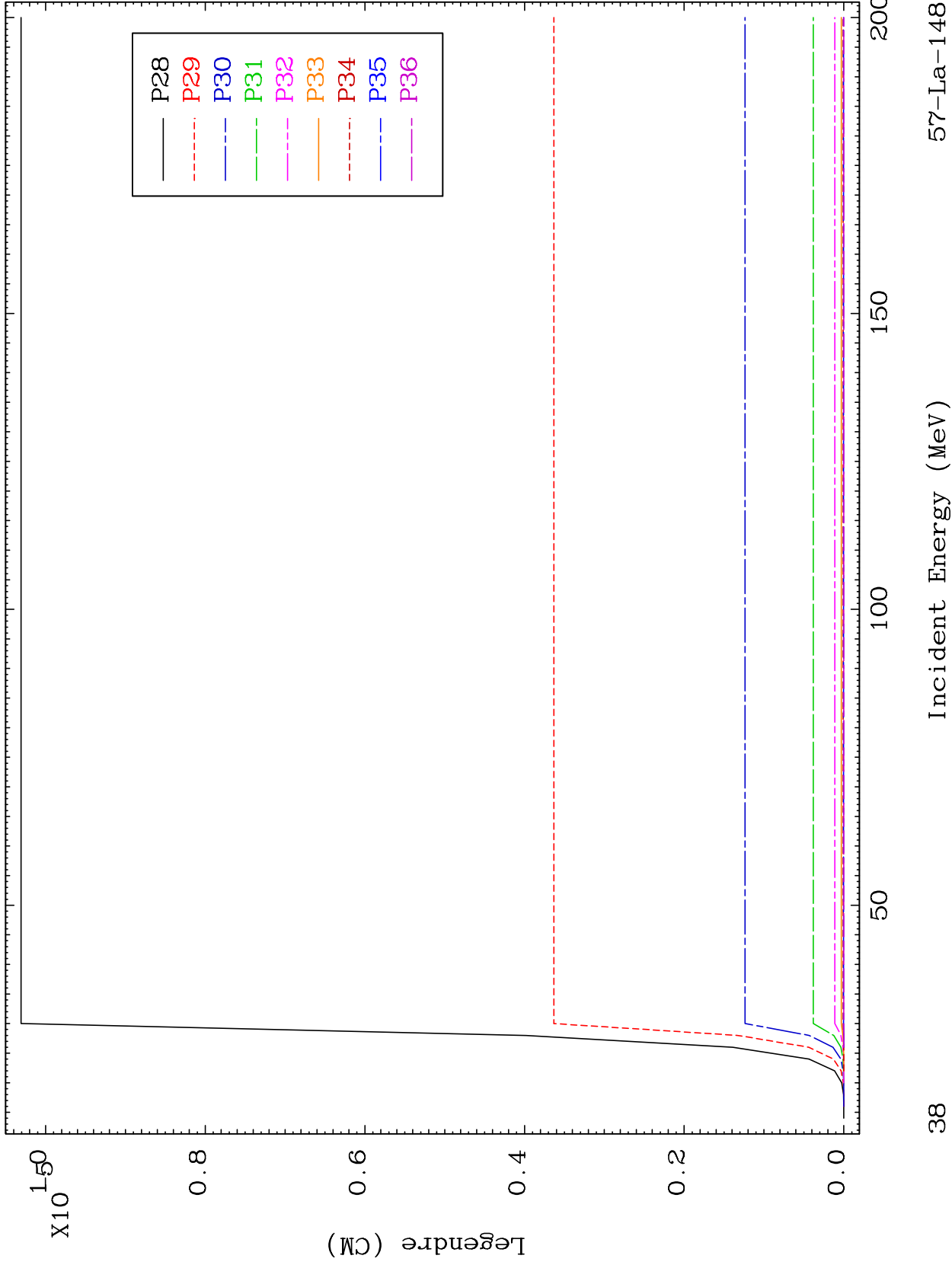
Incident Energy (MeV)

57-La-148

MAT 5755

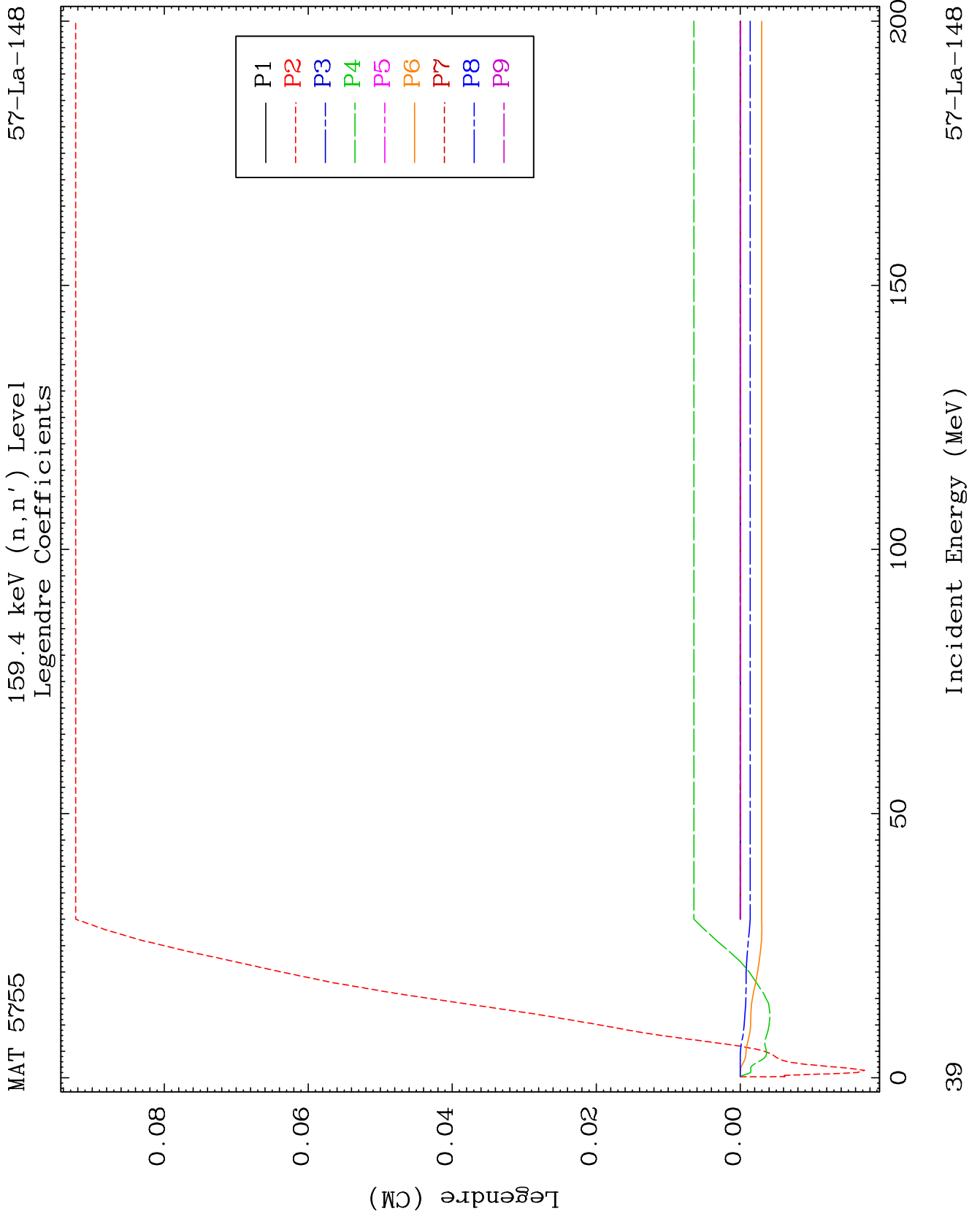
154.5 keV (n, n') Level
Legendre Coefficients

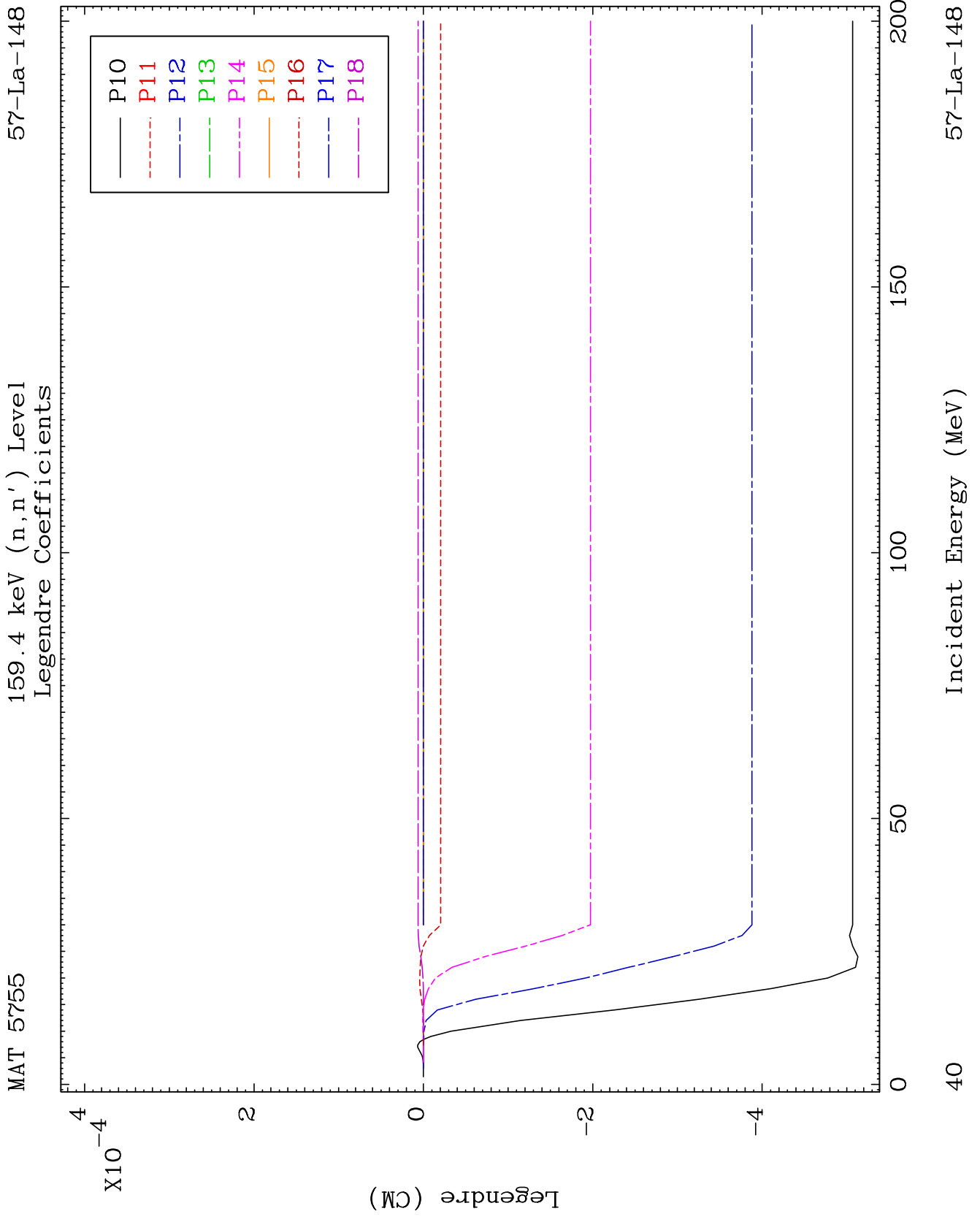
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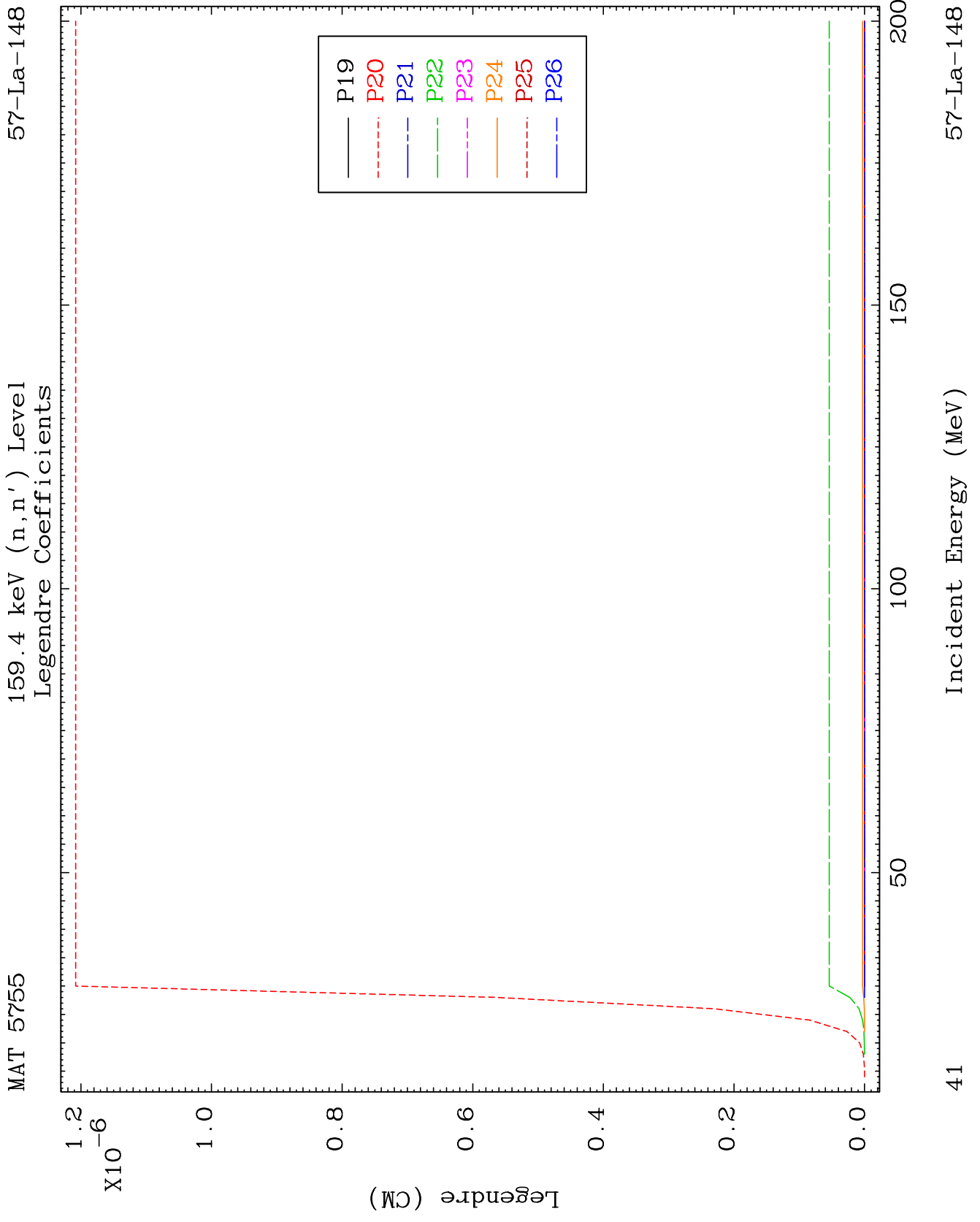


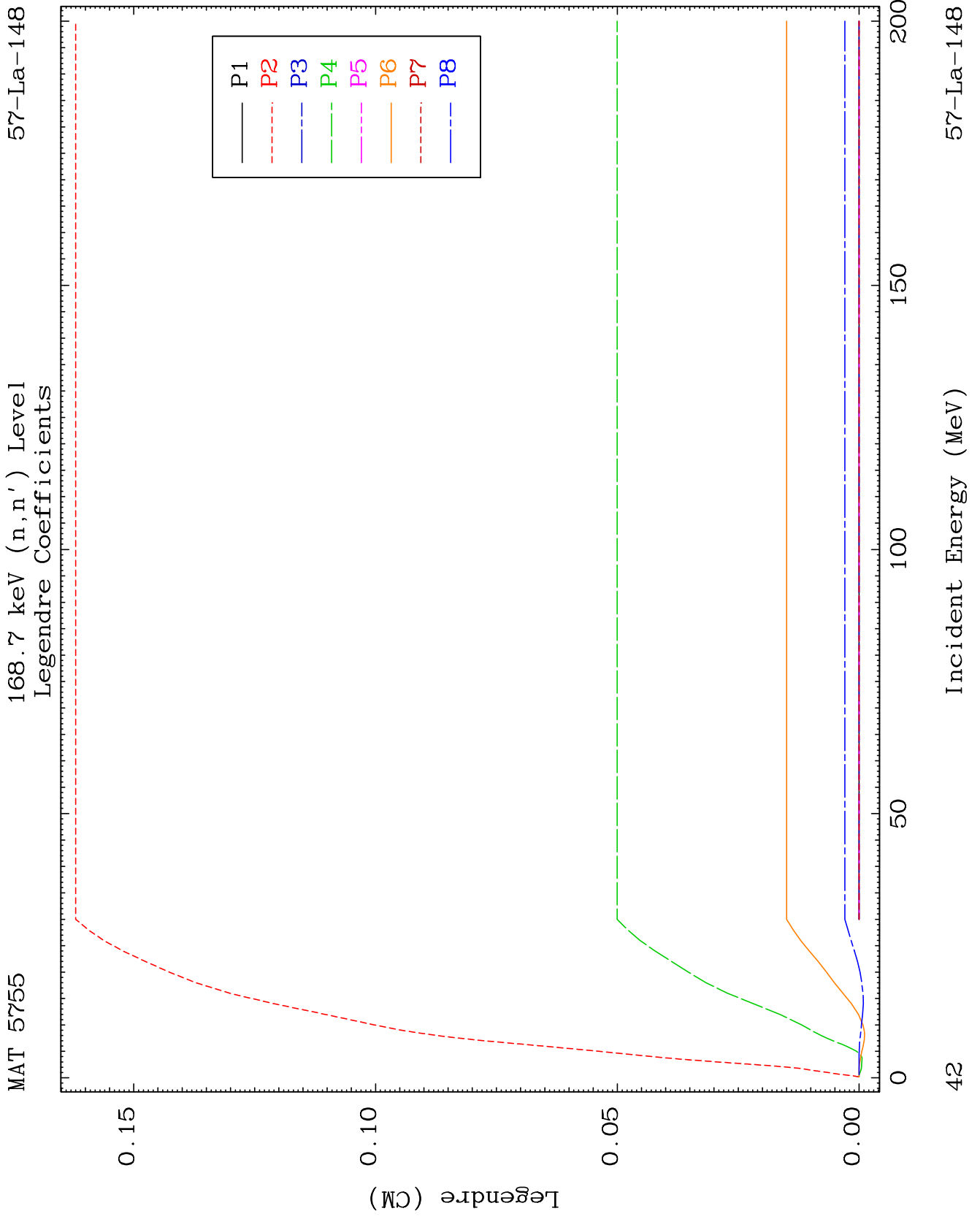
38

57-La-148





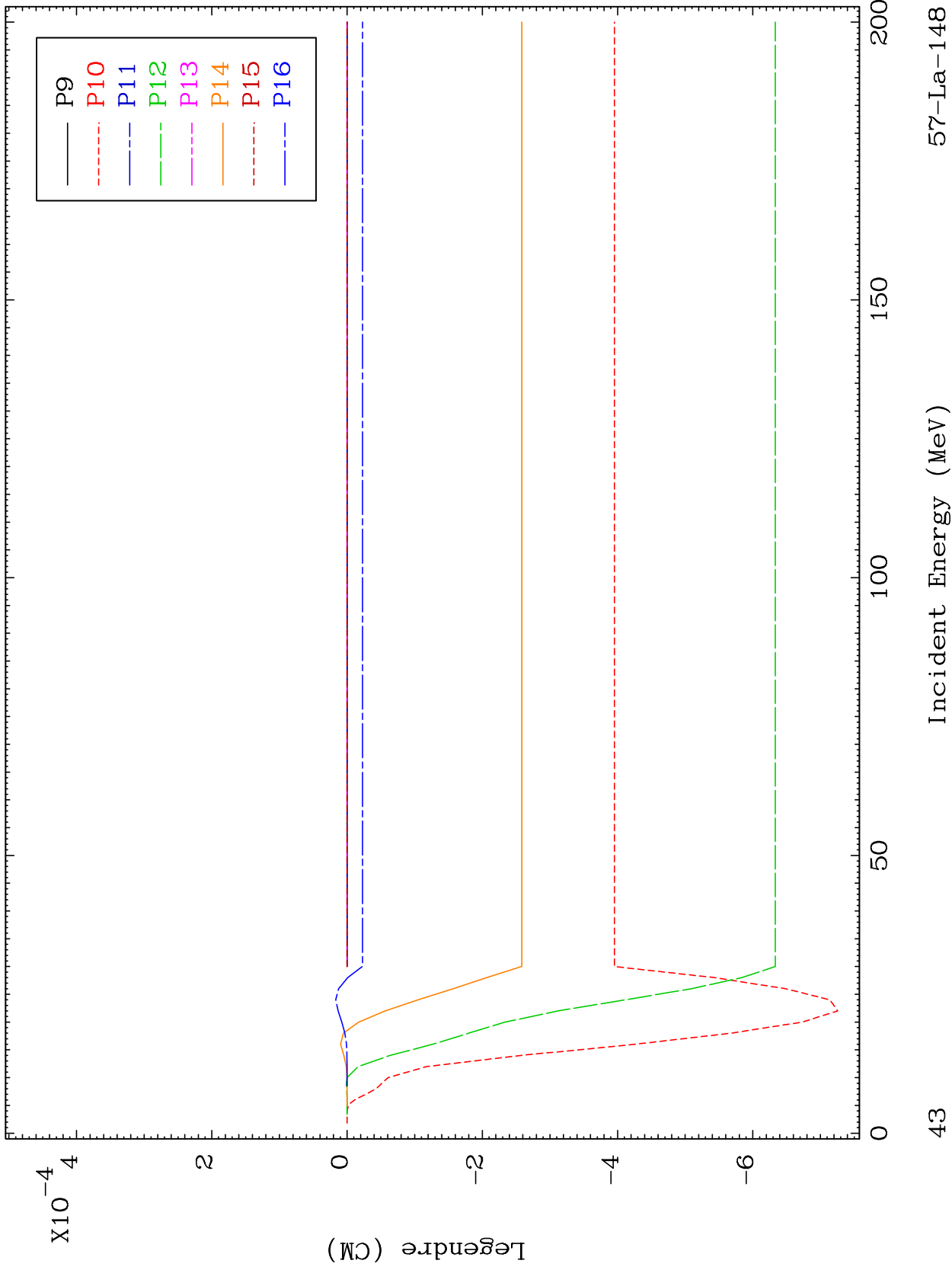




MAT 5755

168.7 keV (n,n') Level
Legendre Coefficients

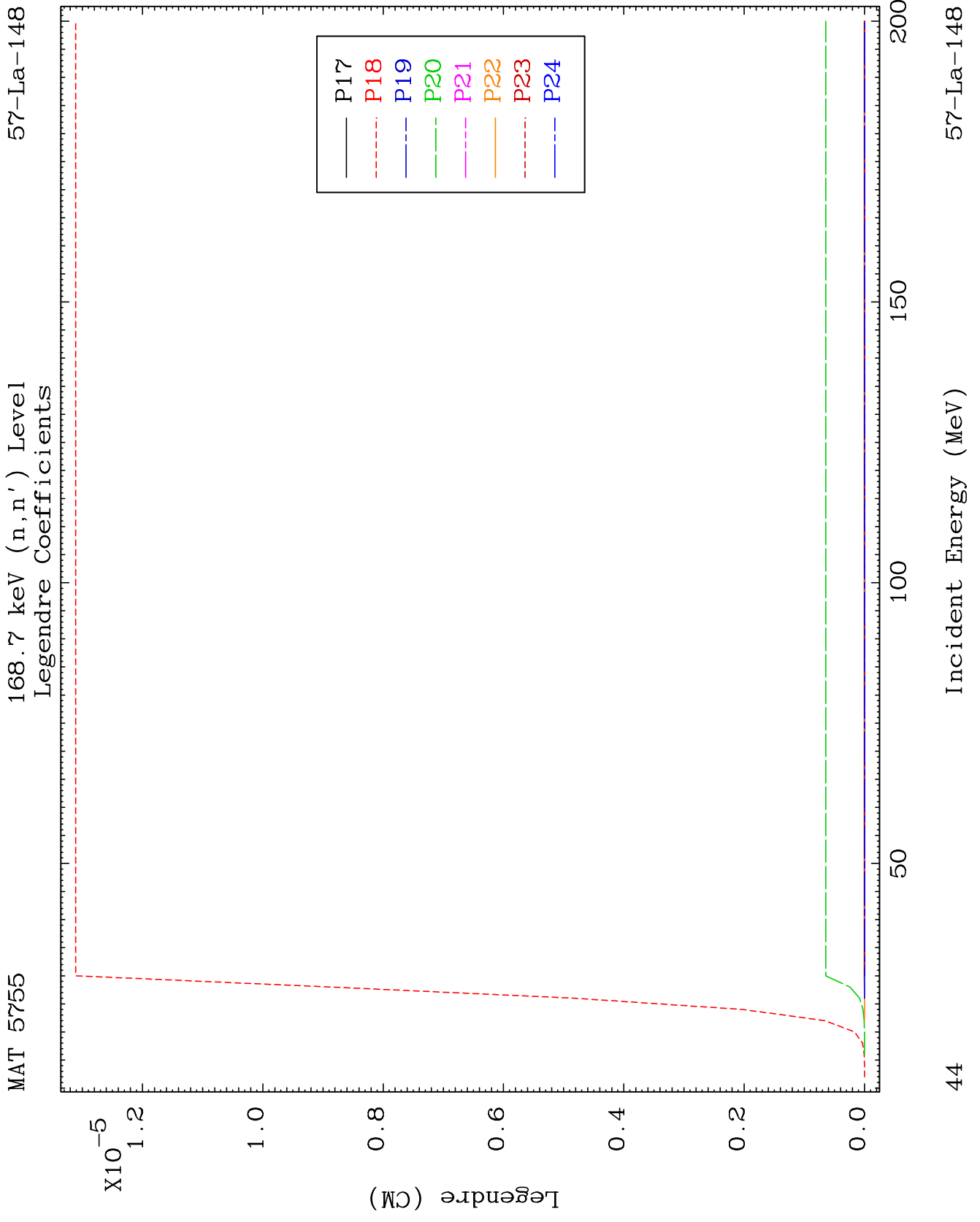
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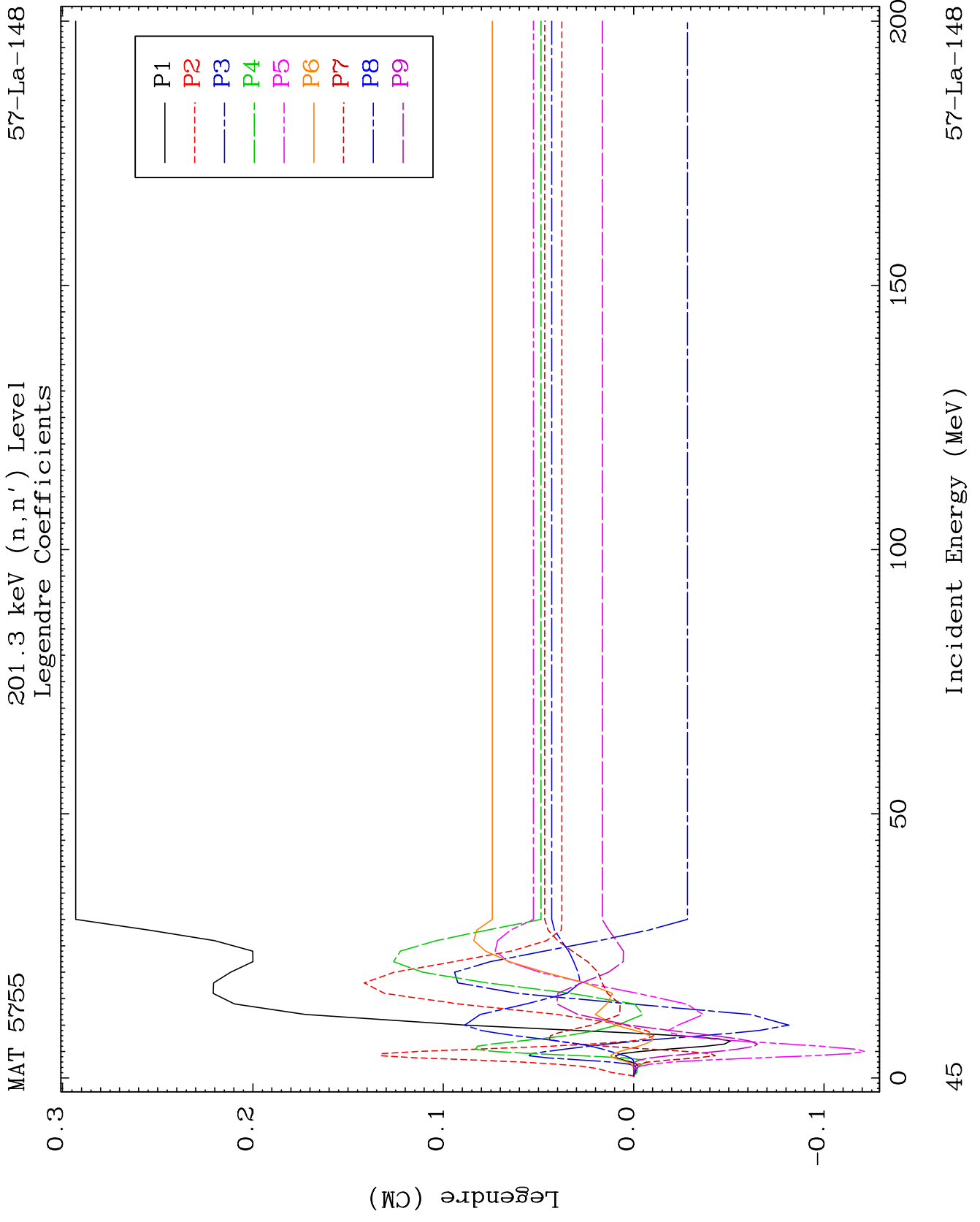


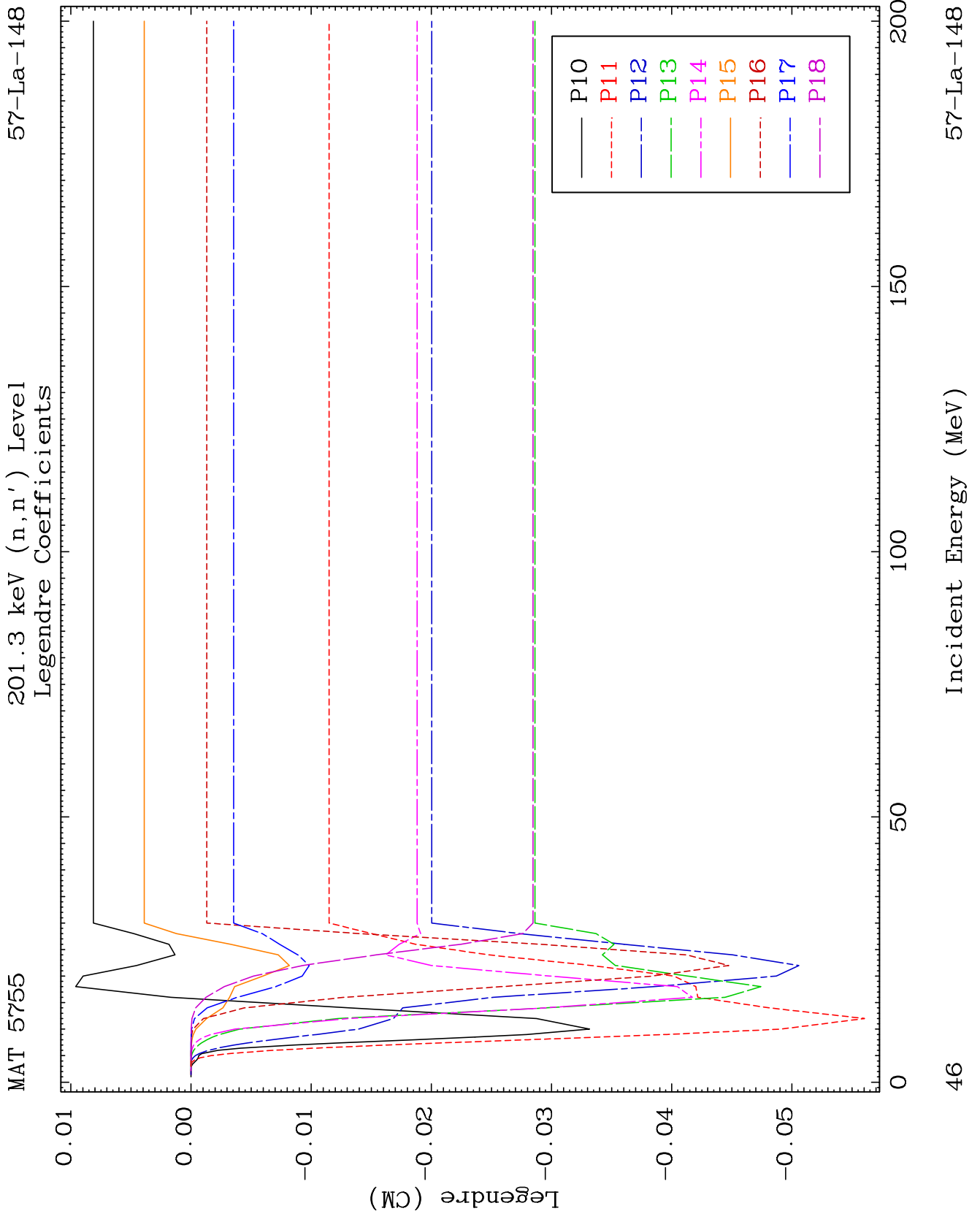
57-La-148

Incident Energy (MeV)

43



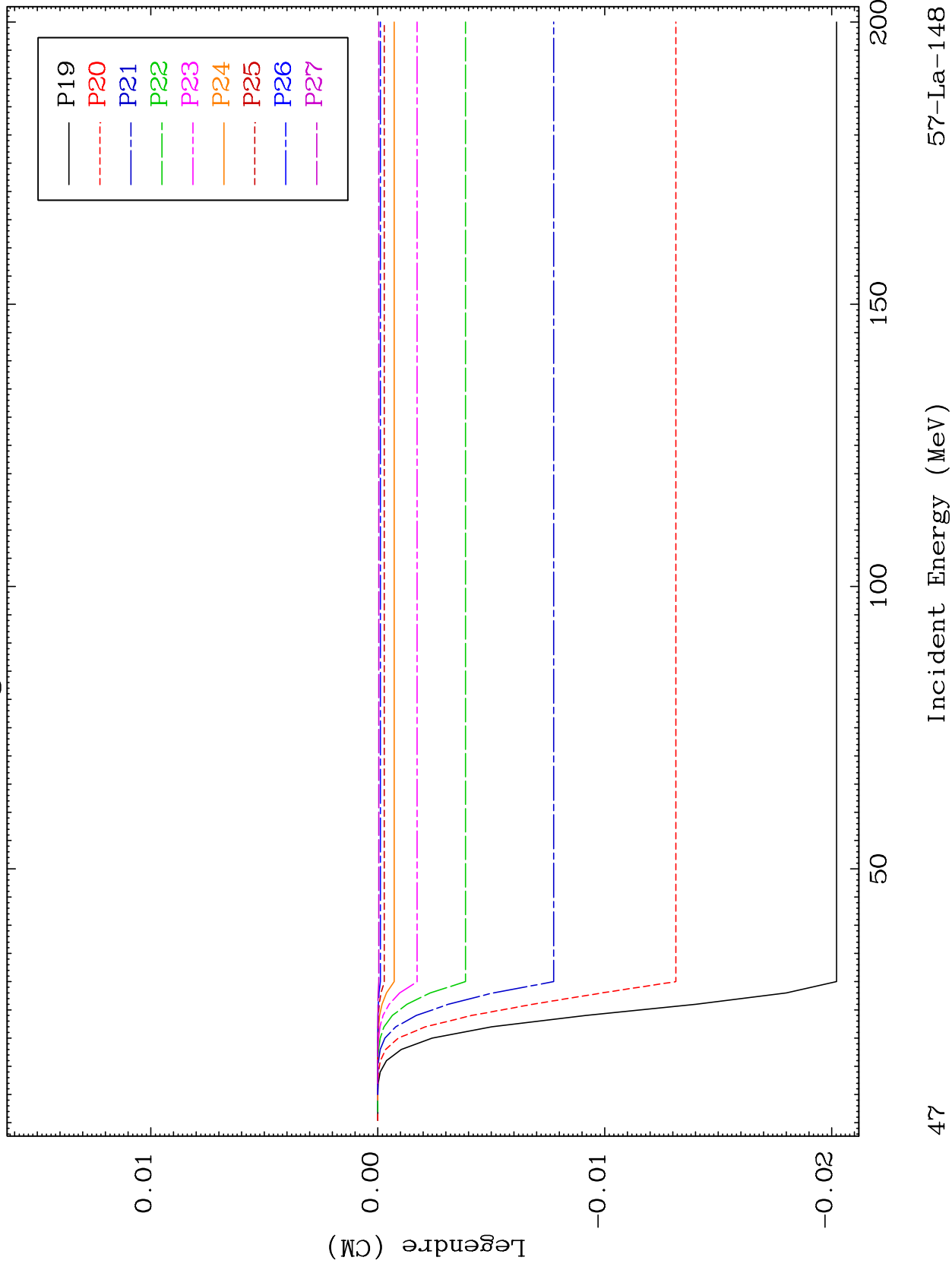




MAT 5755

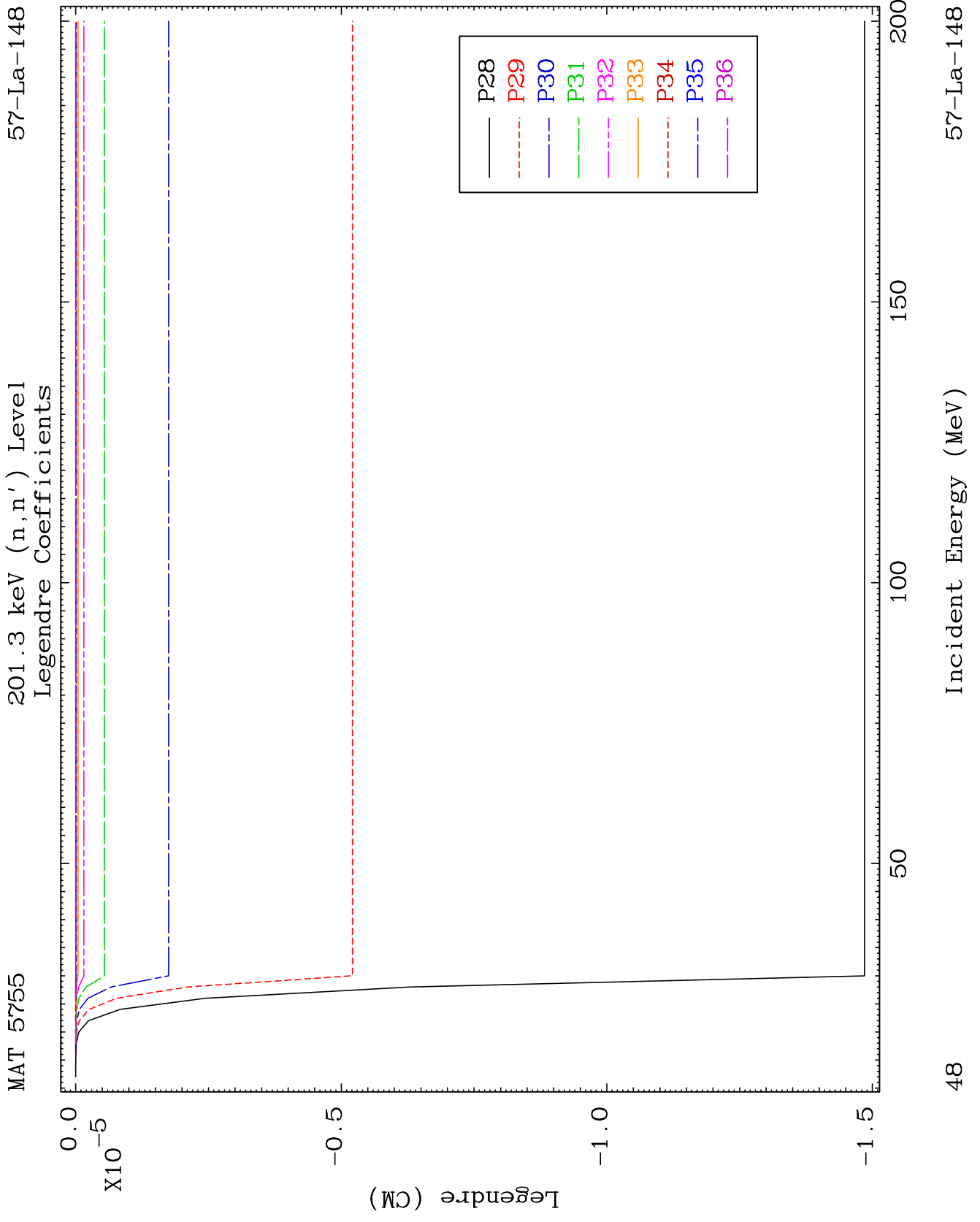
201.3 keV (n,n') Level
Legendre Coefficients

57-La-148



47

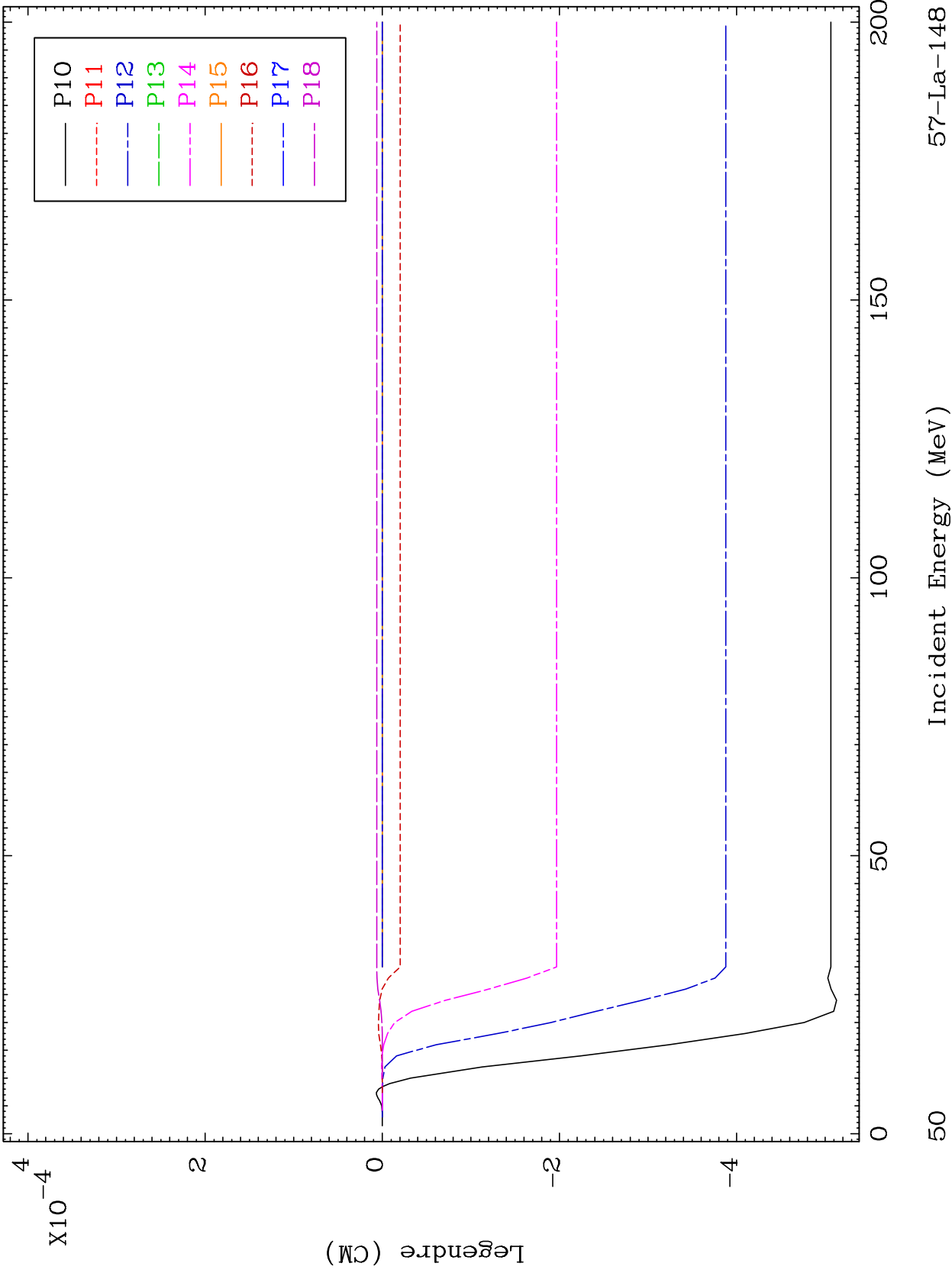
57-La-148



MAT 5755

217.9 keV (n,n') Level
Legendre Coefficients

57-La-148

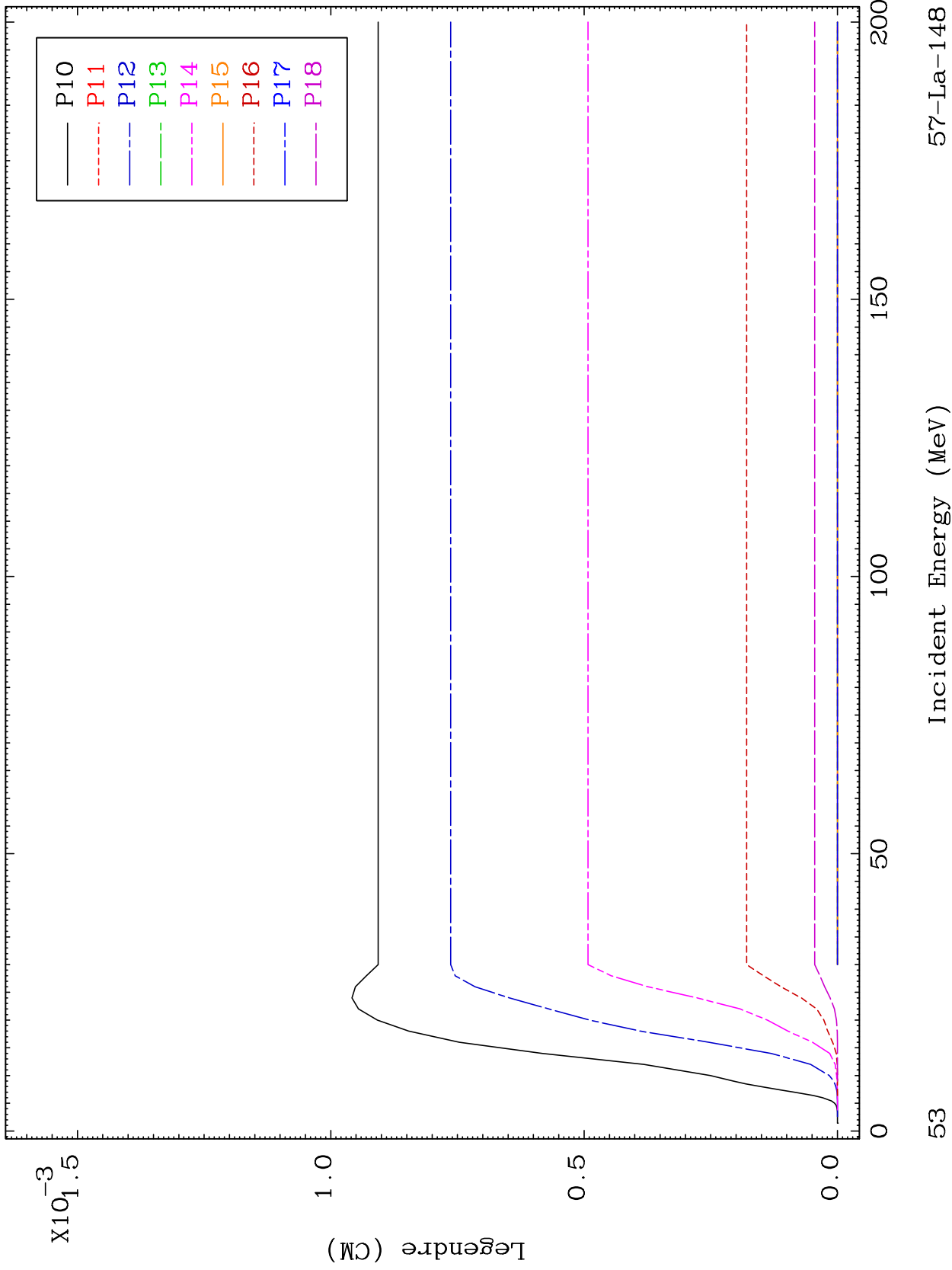


57-La-148

MAT 5755

230.5 keV (n,n') Level
Legendre Coefficients

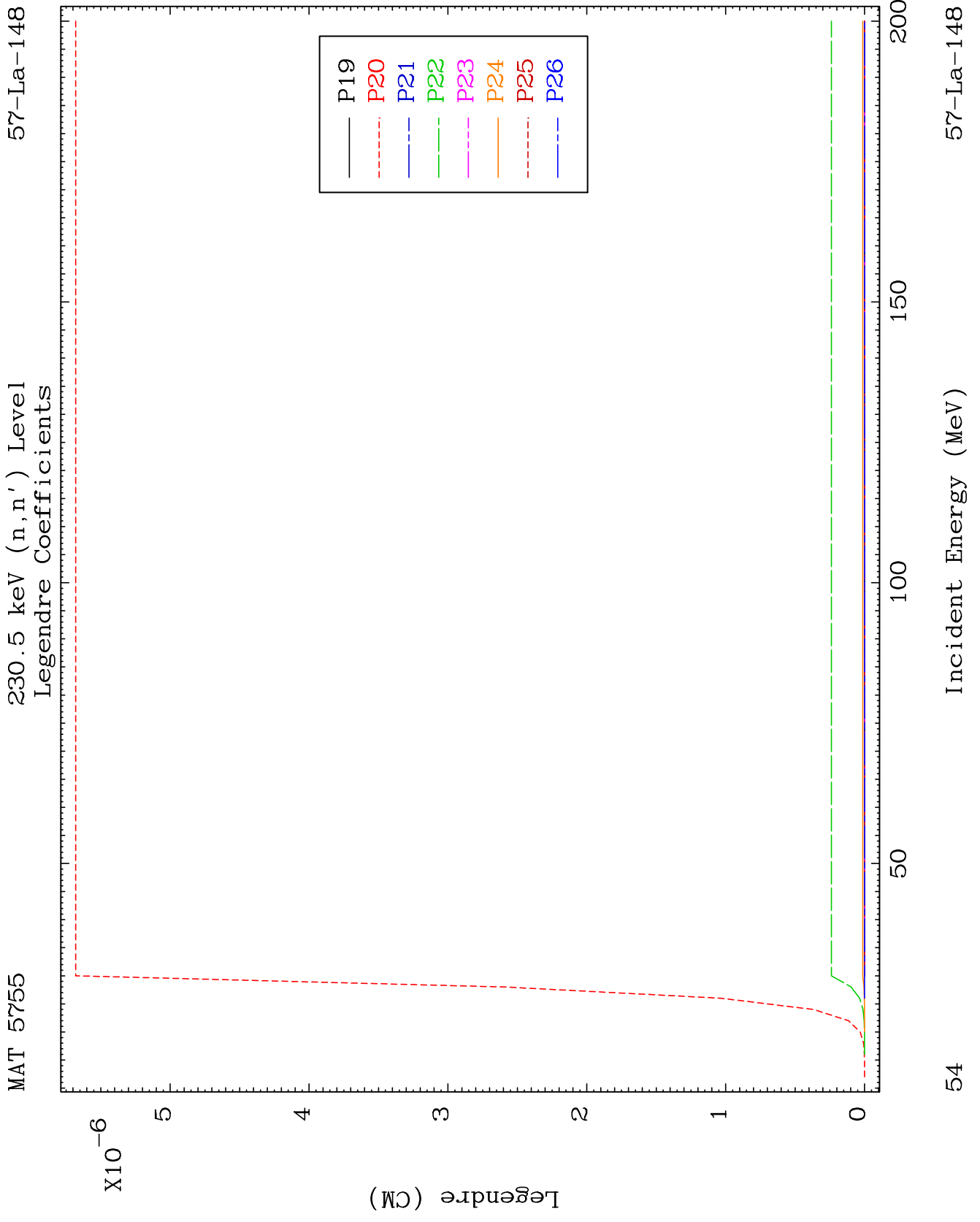
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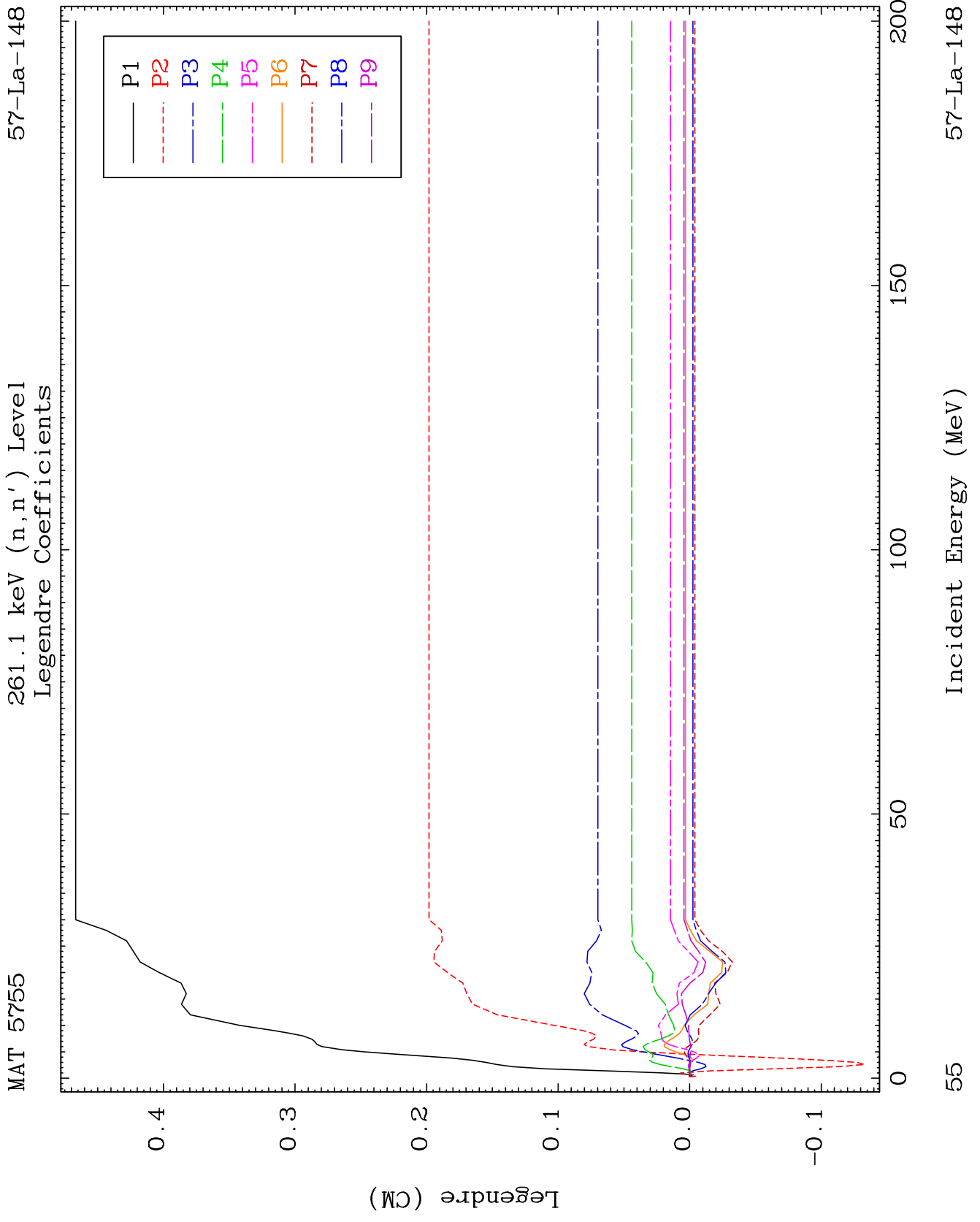


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Incident Energy (MeV)

53

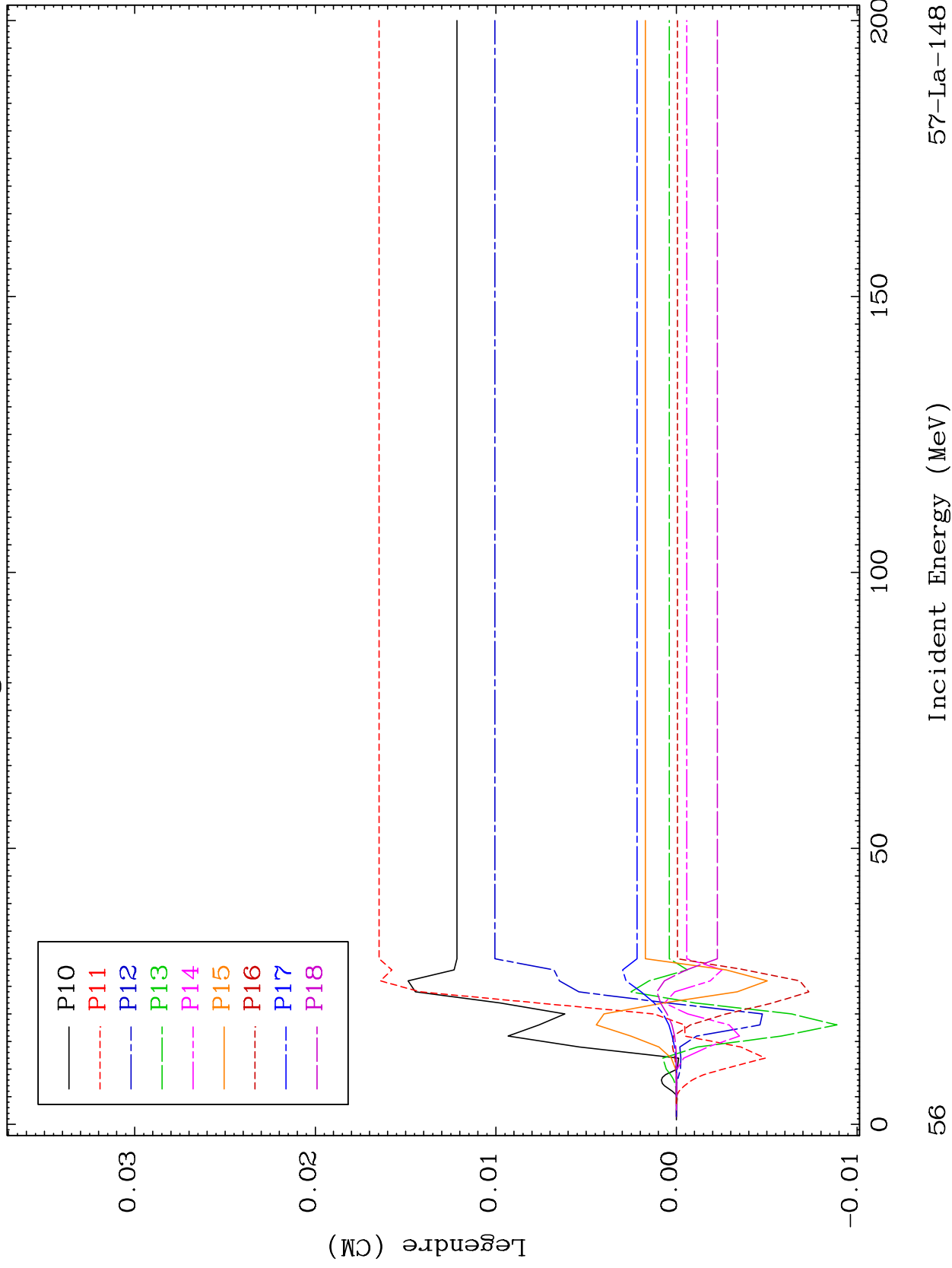




MAT 5755

261.1 keV (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

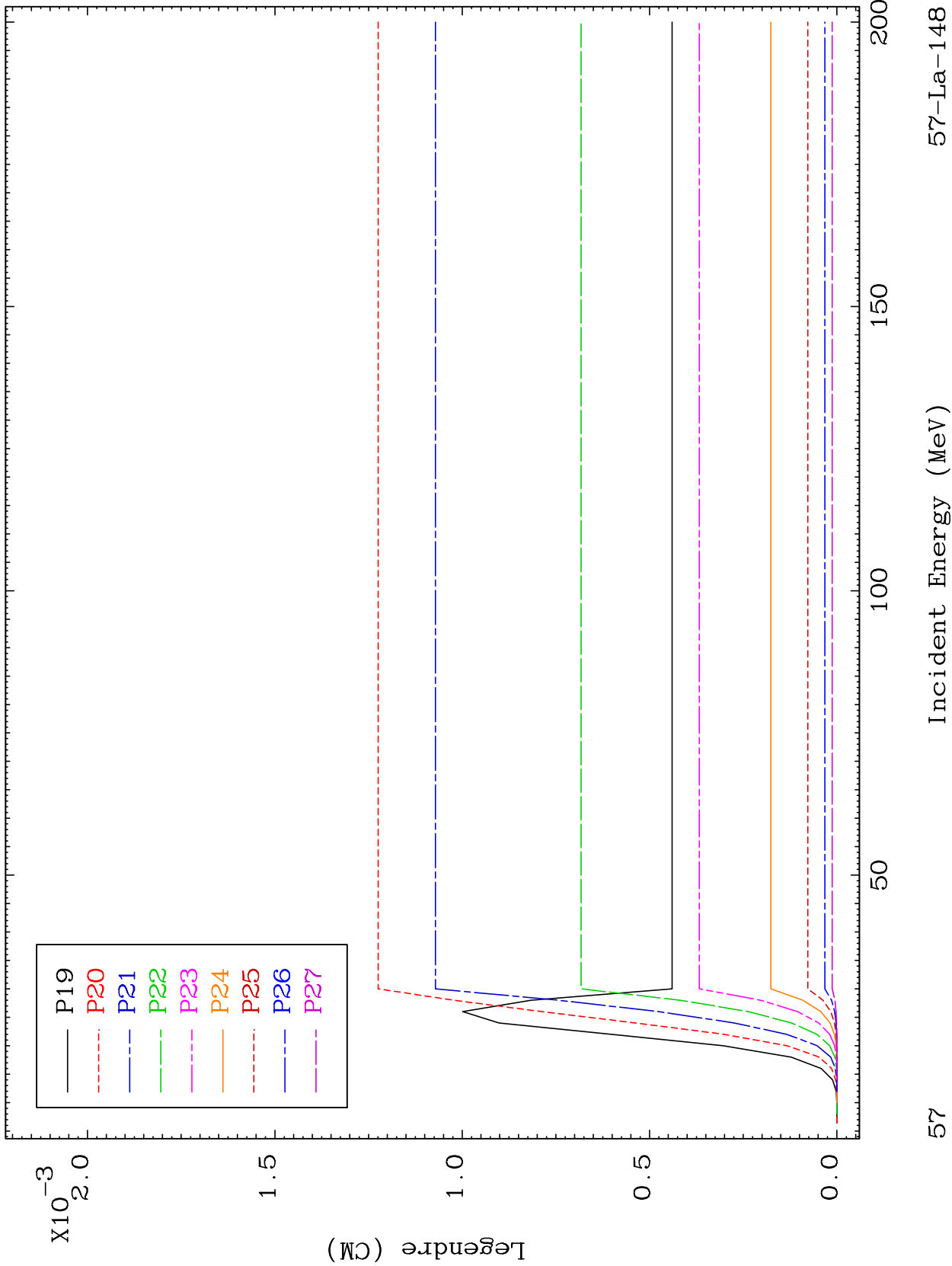
Incident Energy (MeV)

56

MAT 5755

261.1 keV (n,n') Level
Legendre Coefficients

57-La-148

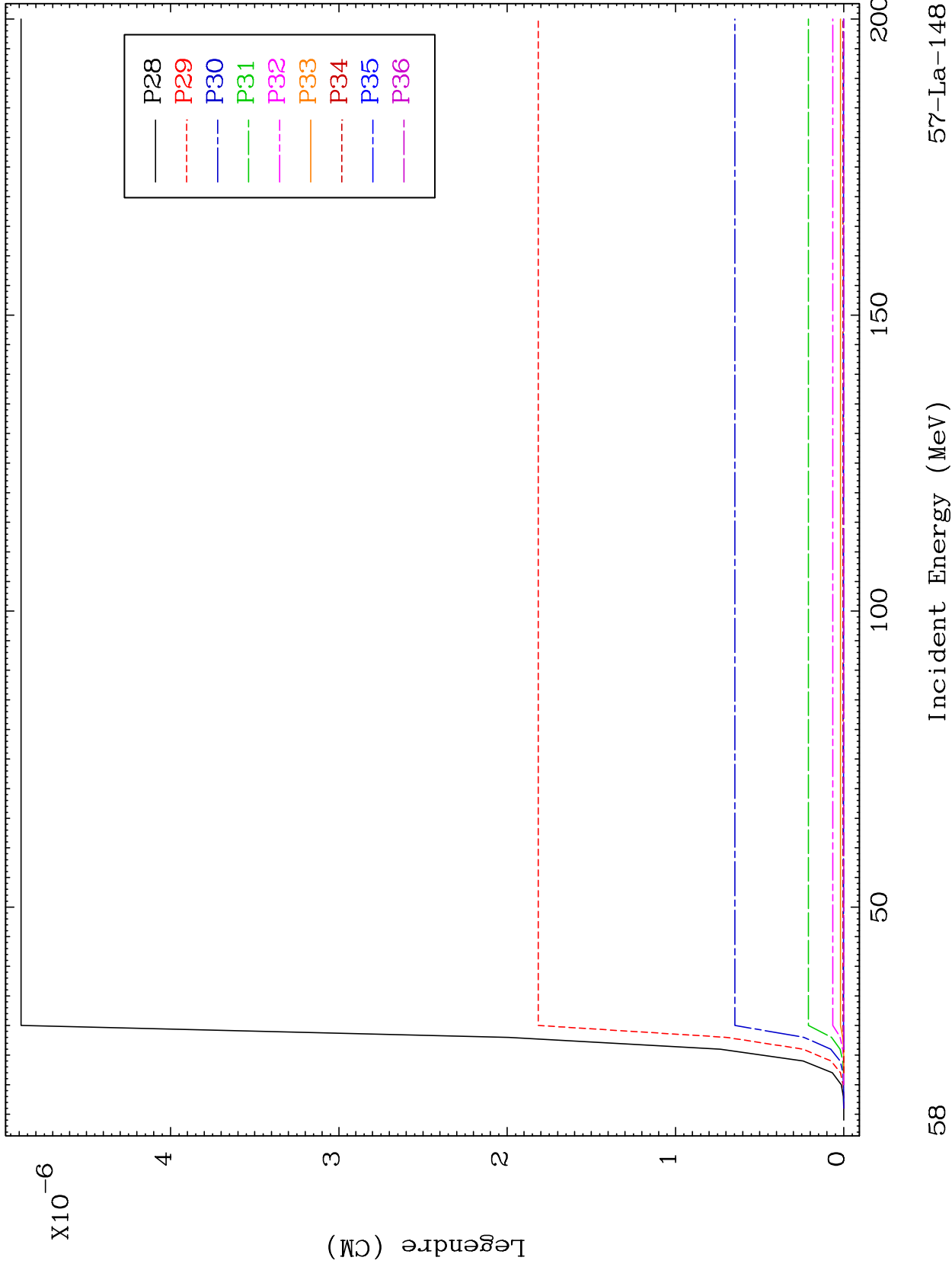


57

MAT 5755

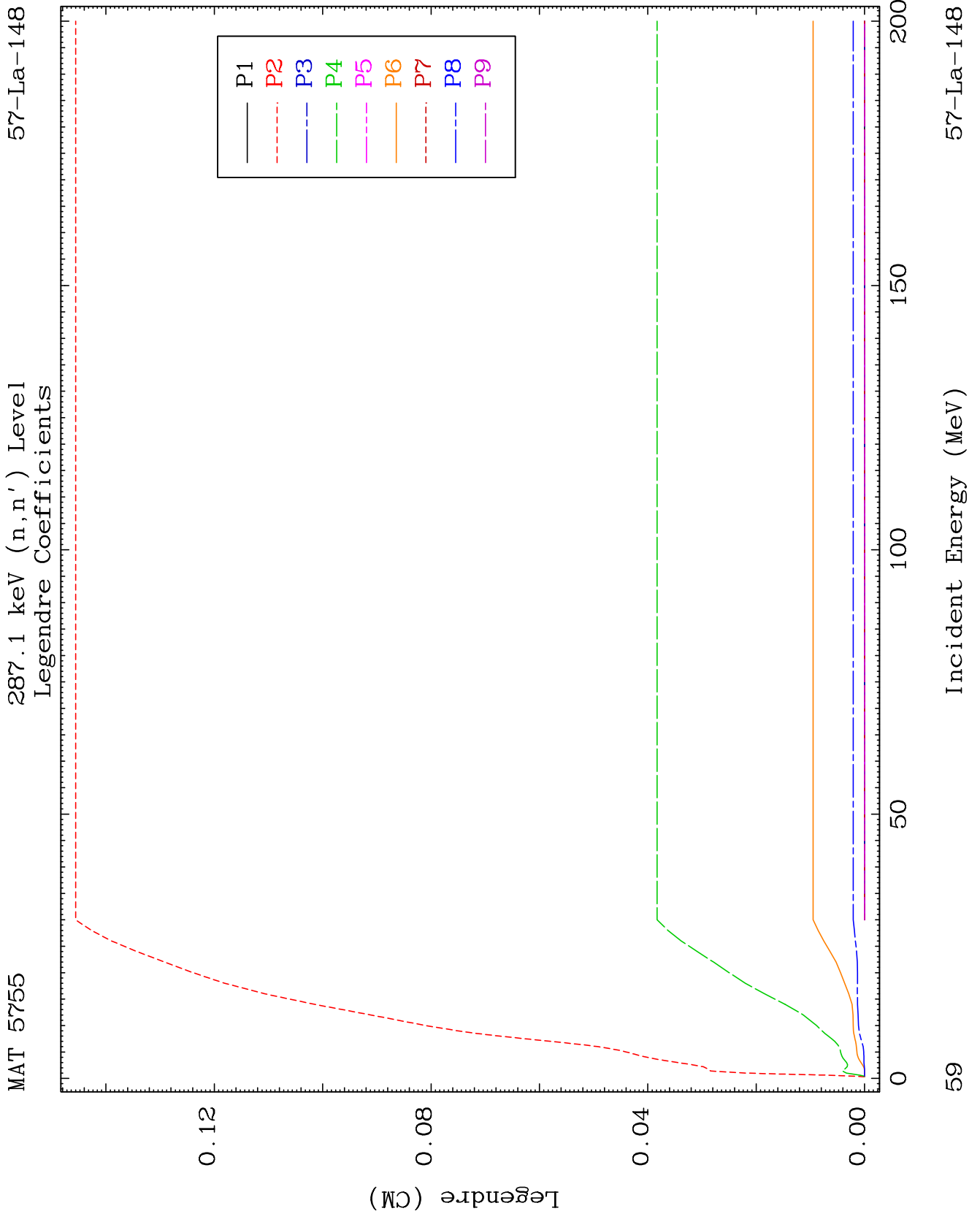
261.1 keV (n,n') Level
Legendre Coefficients

57-La-148



58

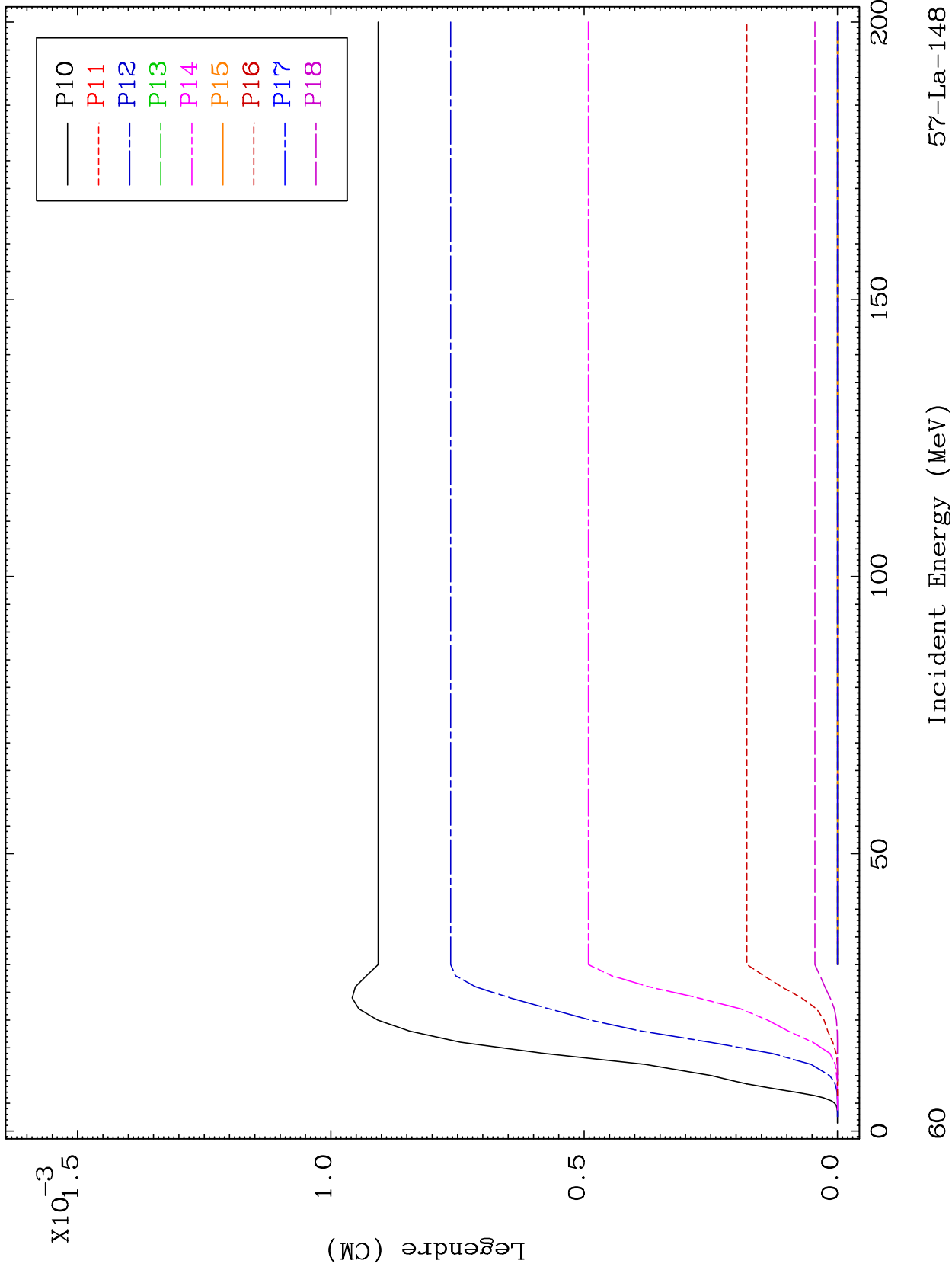
57-La-148



MAT 5755

287.1 keV (n,n') Level
Legendre Coefficients

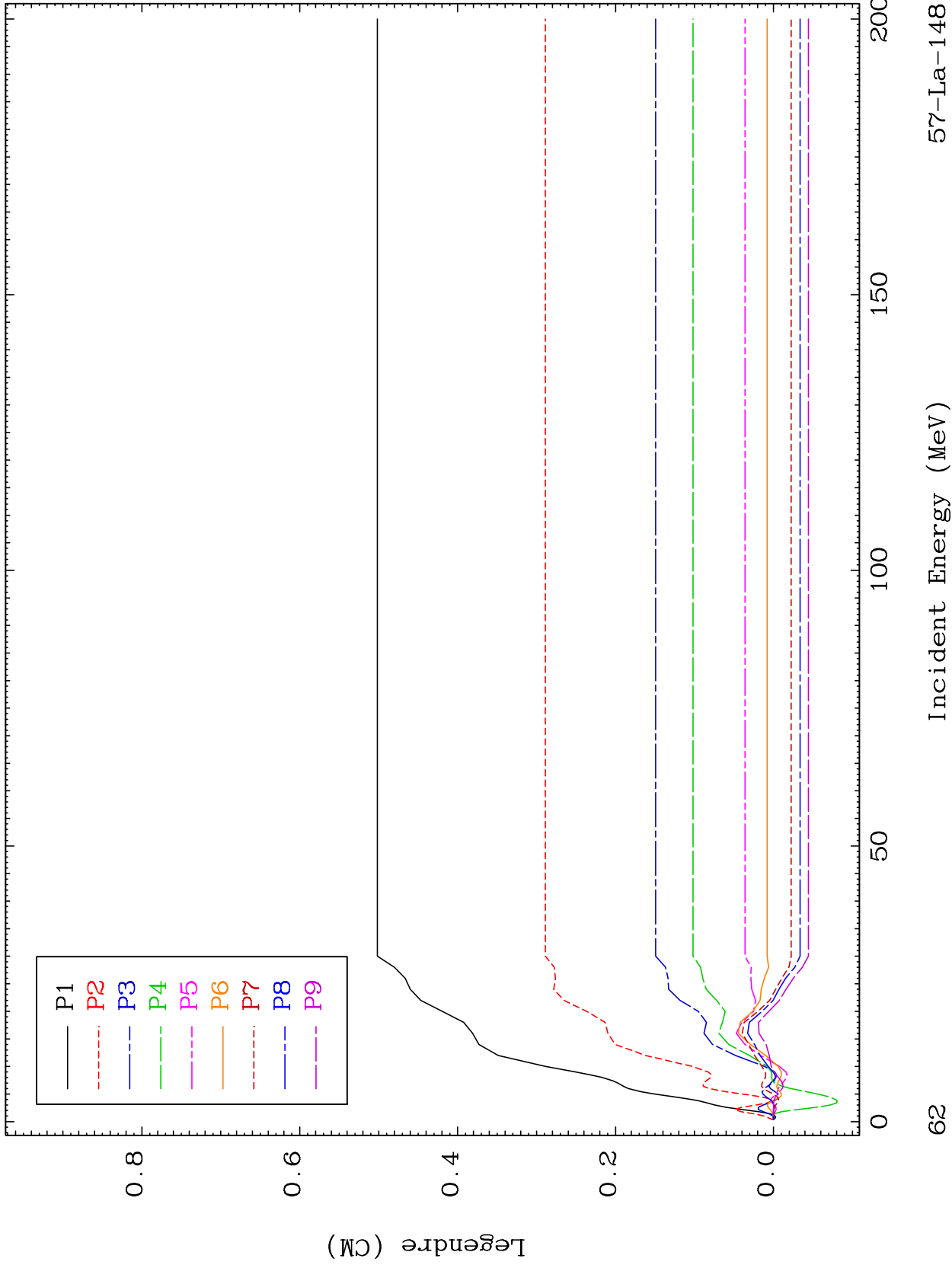
57-La-148



MAT 5755

338.8 keV (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

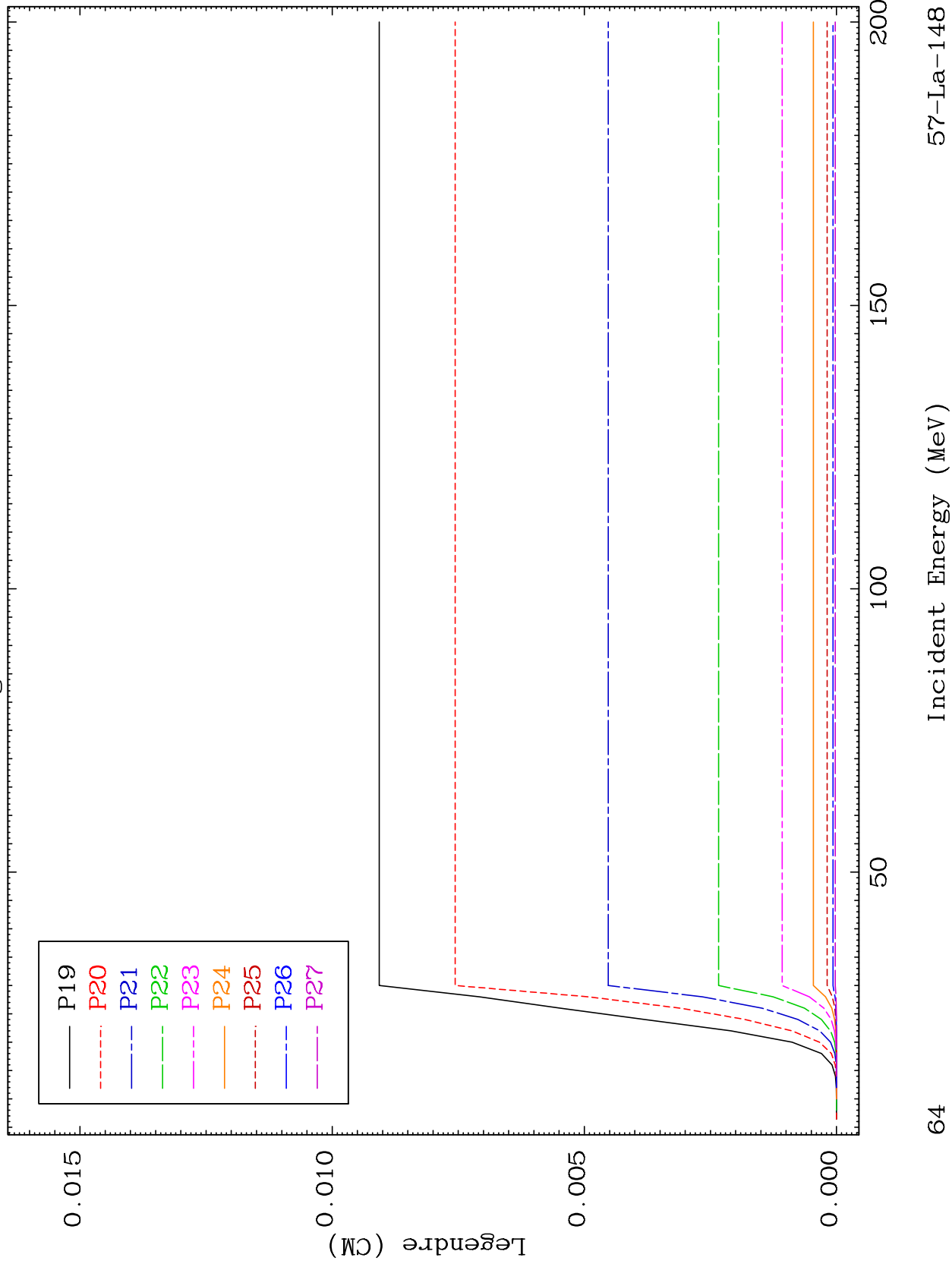
Incident Energy (MeV)

62

MAT 5755

338.8 keV (n,n') Level
Legendre Coefficients

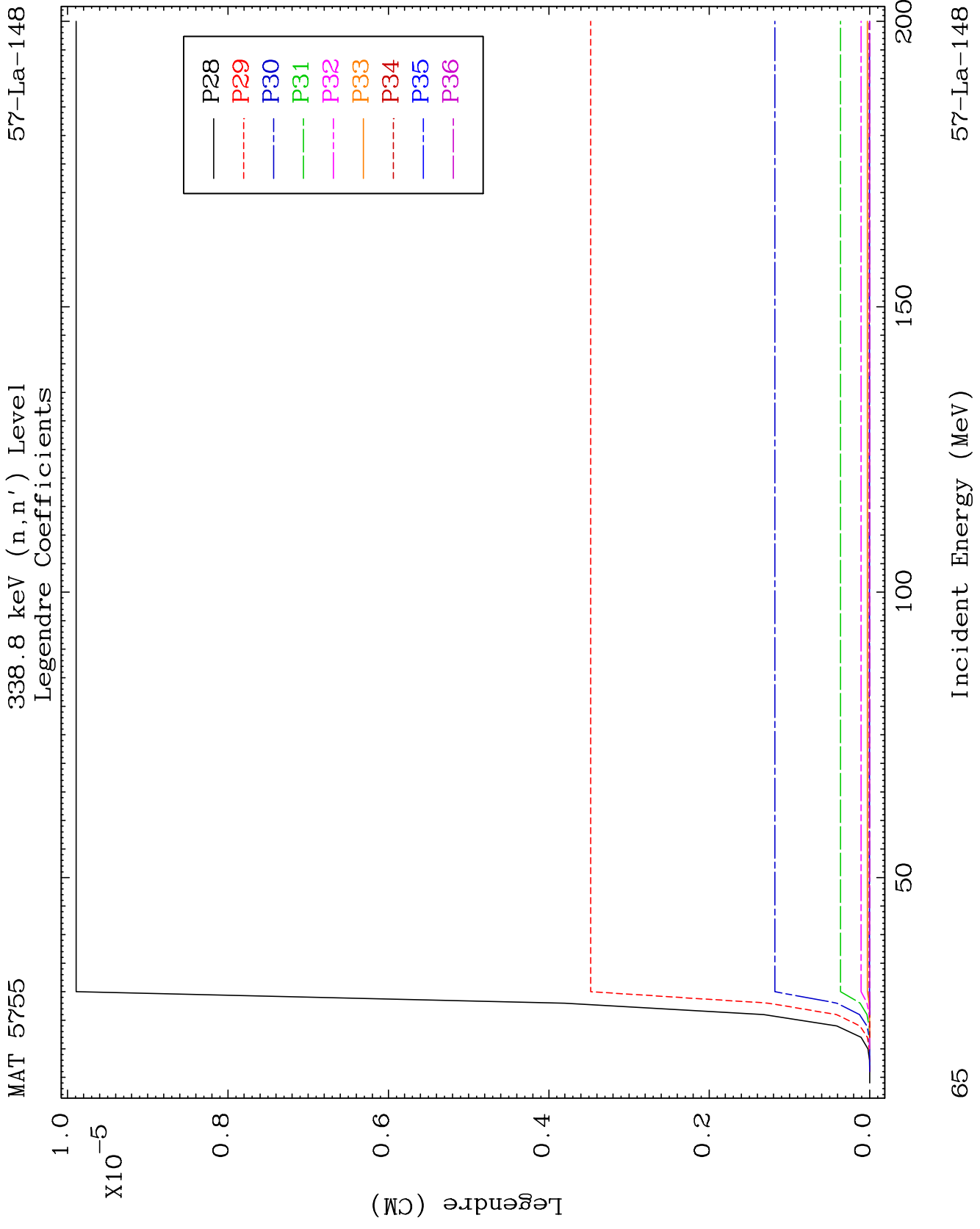
57-La-148

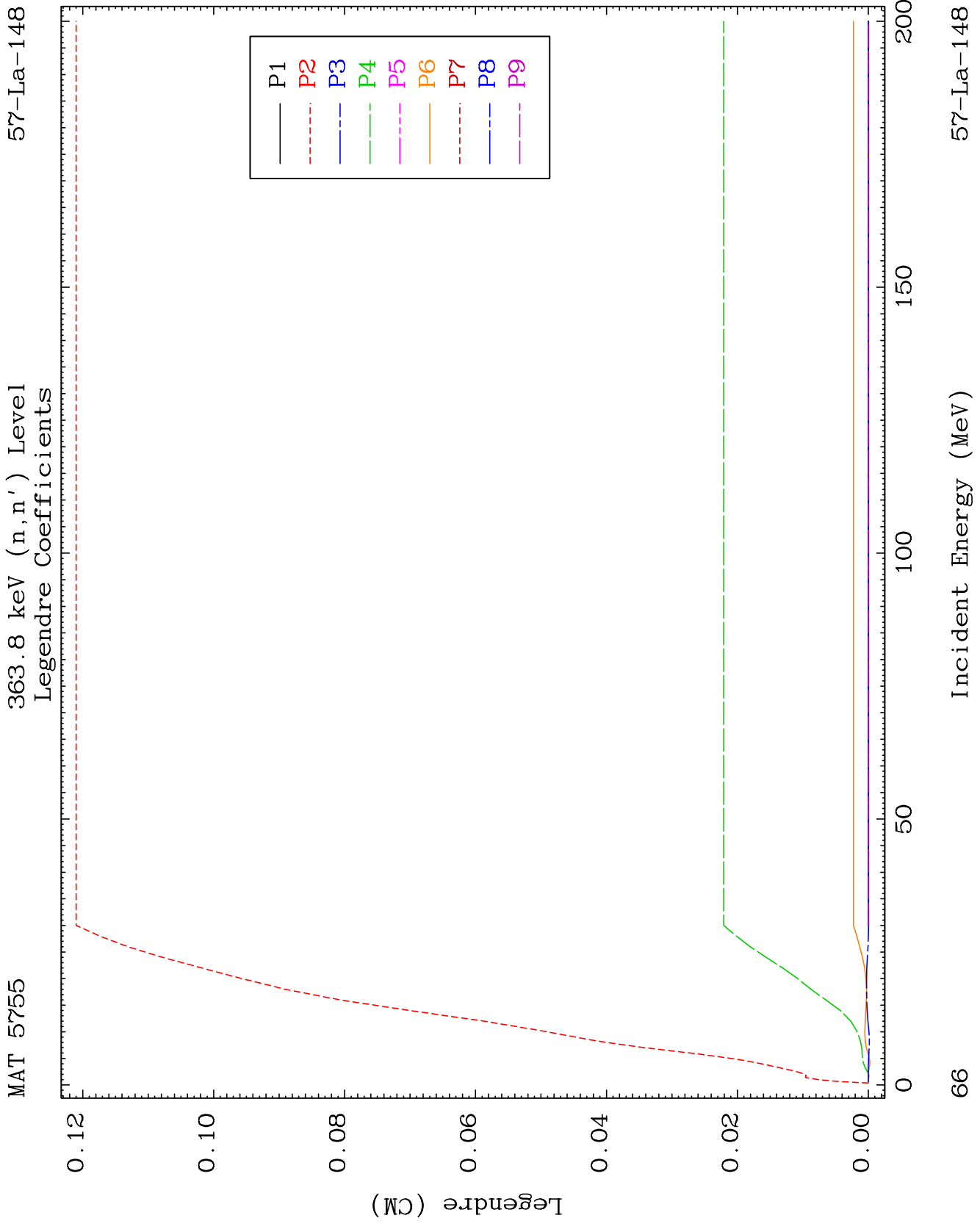


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Incident Energy (MeV)

57-La-148

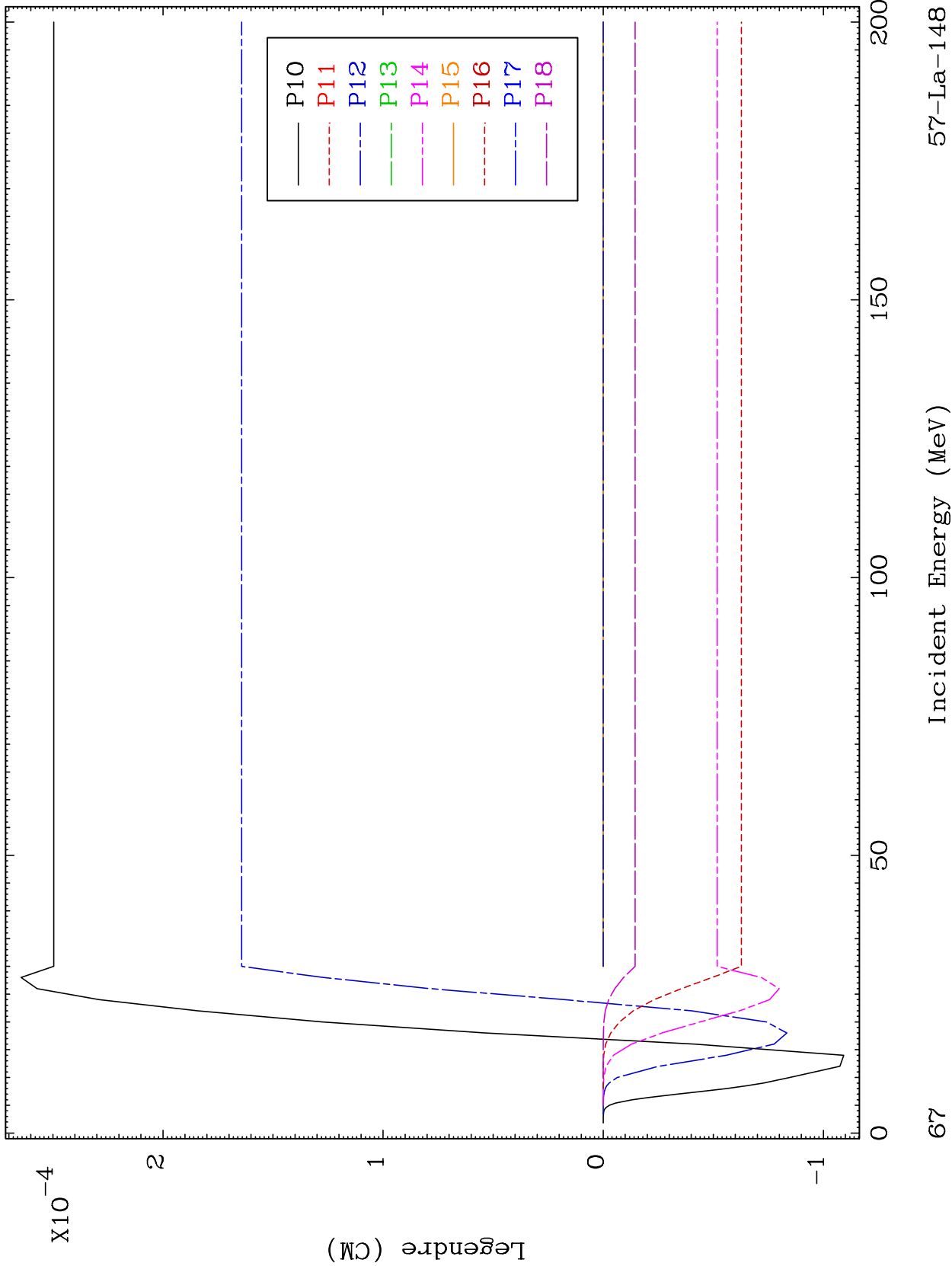




MAT 5755

363.8 keV (n,n') Level
Legendre Coefficients

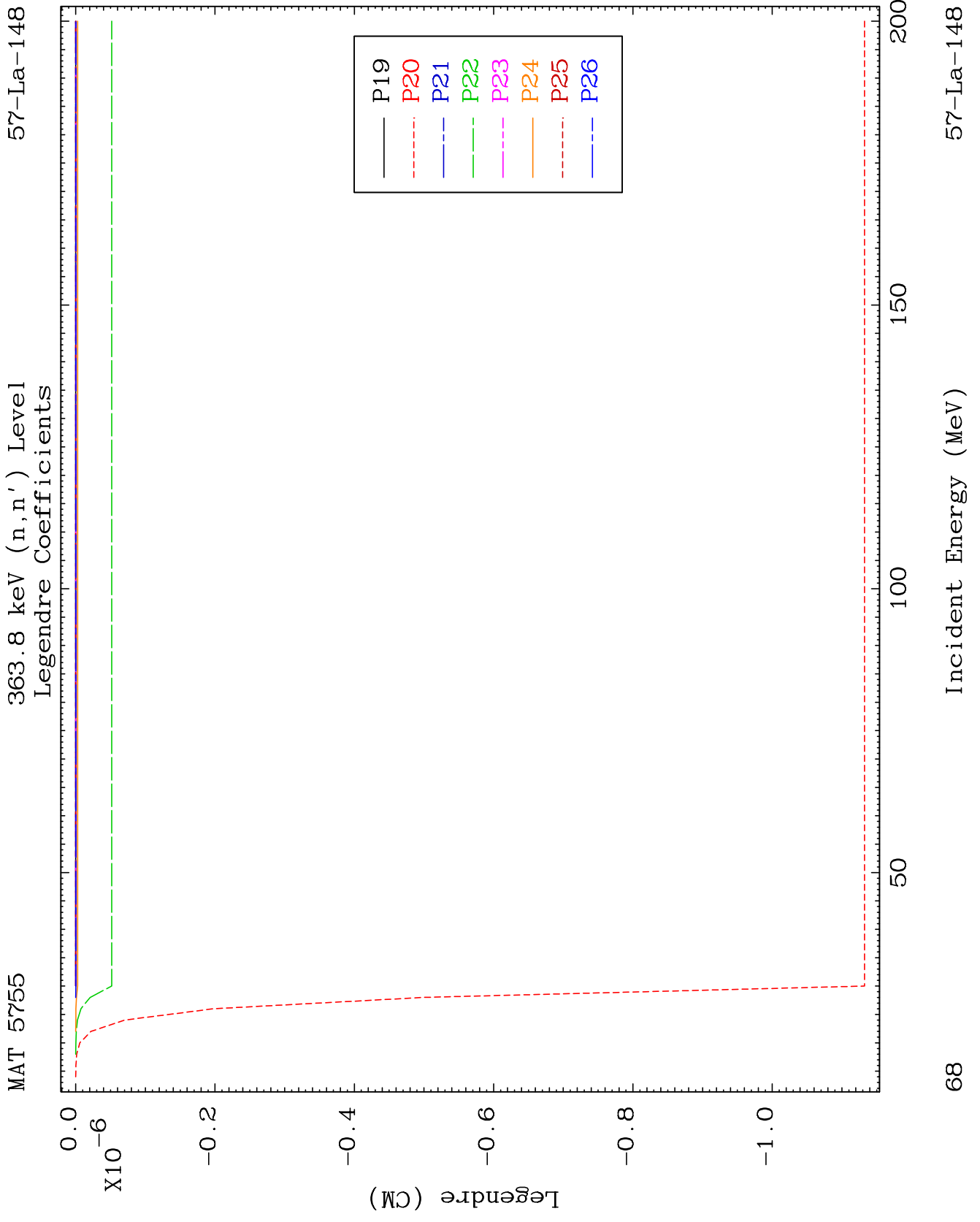
57-La-148



57-La-148

Incident Energy (MeV)

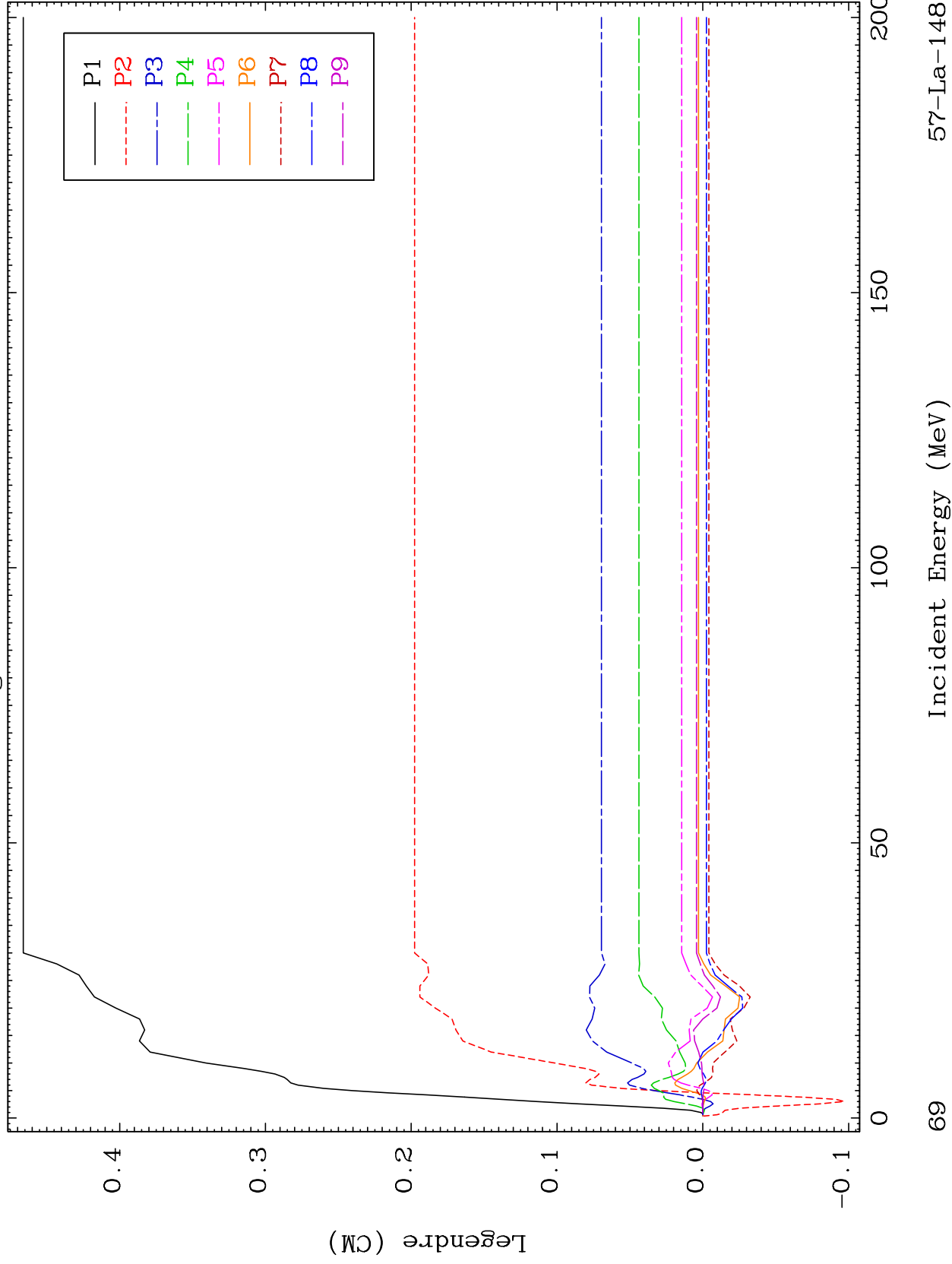
67



MAT 5755

369.2 keV (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

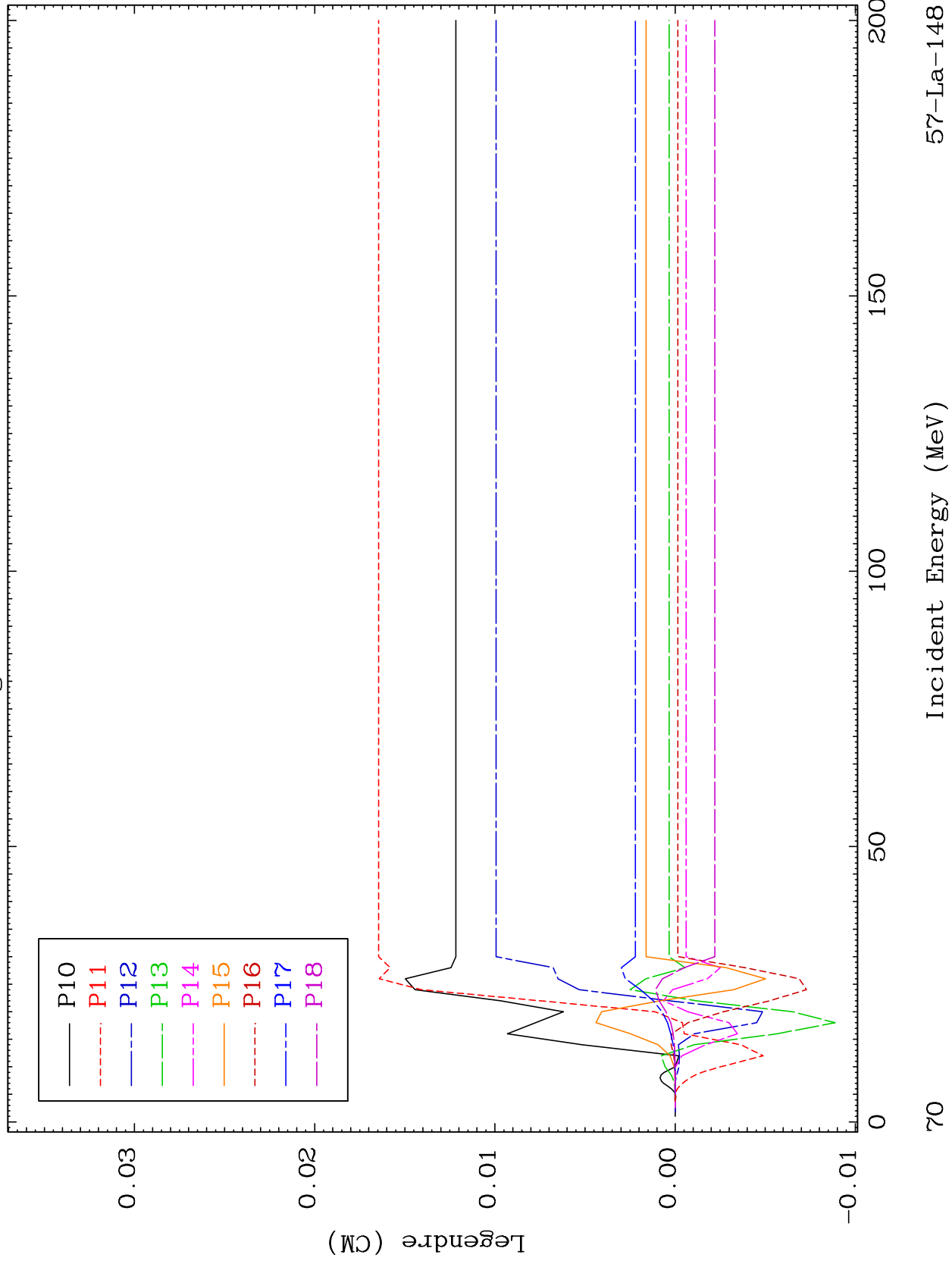
Incident Energy (MeV)

69

MAT 5755

369.2 keV (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

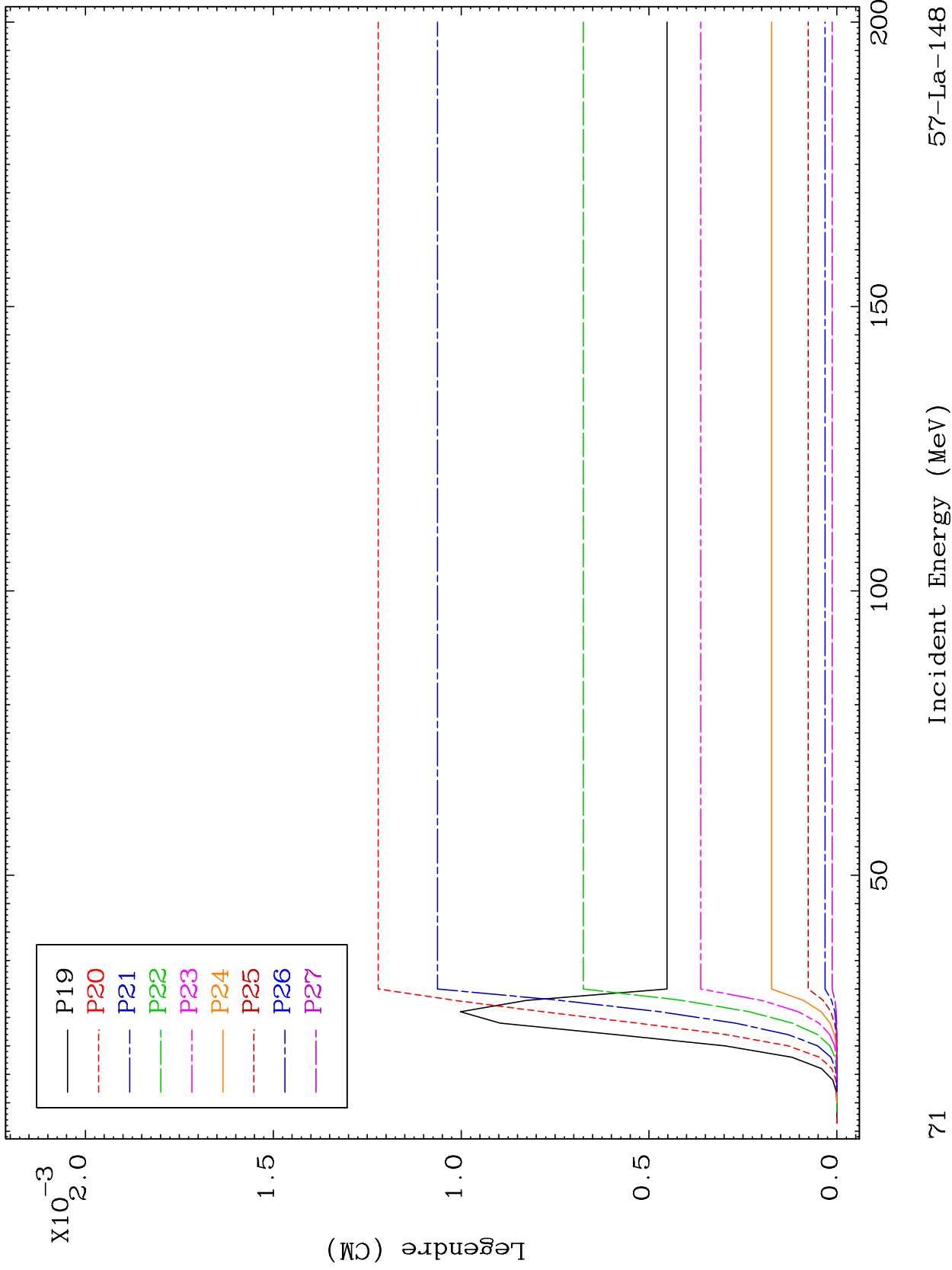
Incident Energy (MeV)

70

MAT 5755

369.2 keV (n,n') Level
Legendre Coefficients

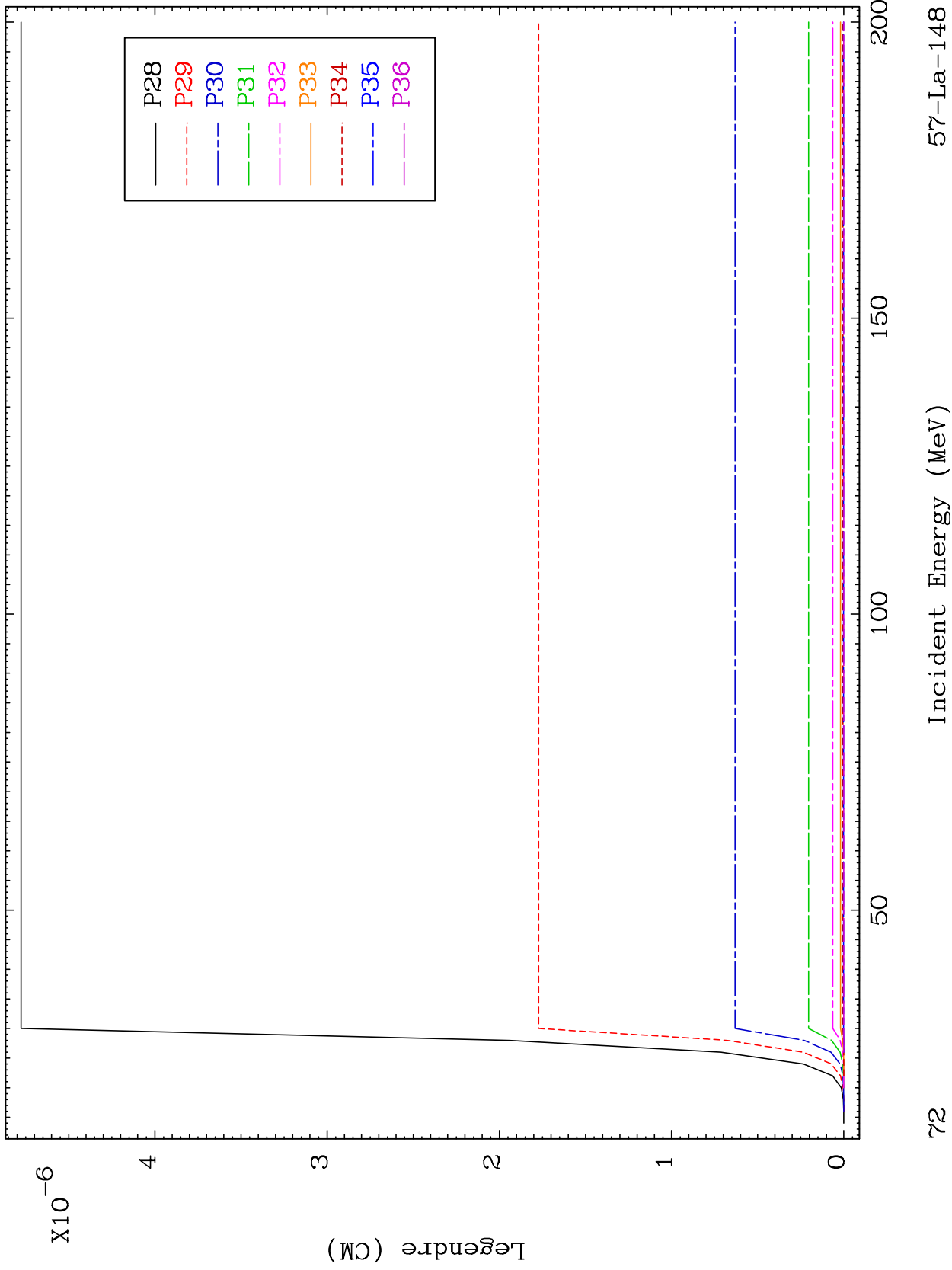
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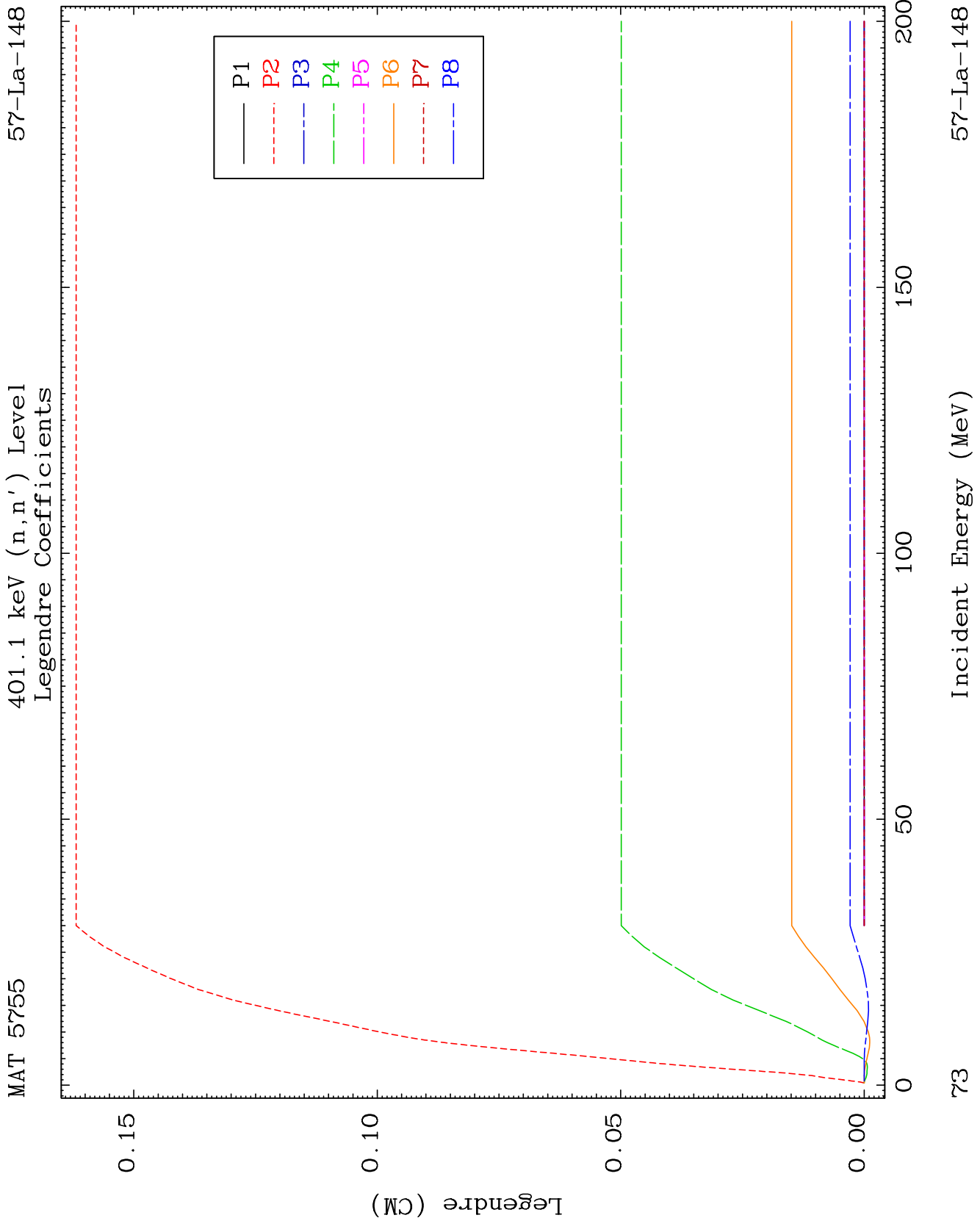


MAT 5755

369.2 keV (n,n') Level
Legendre Coefficients

57-La-148

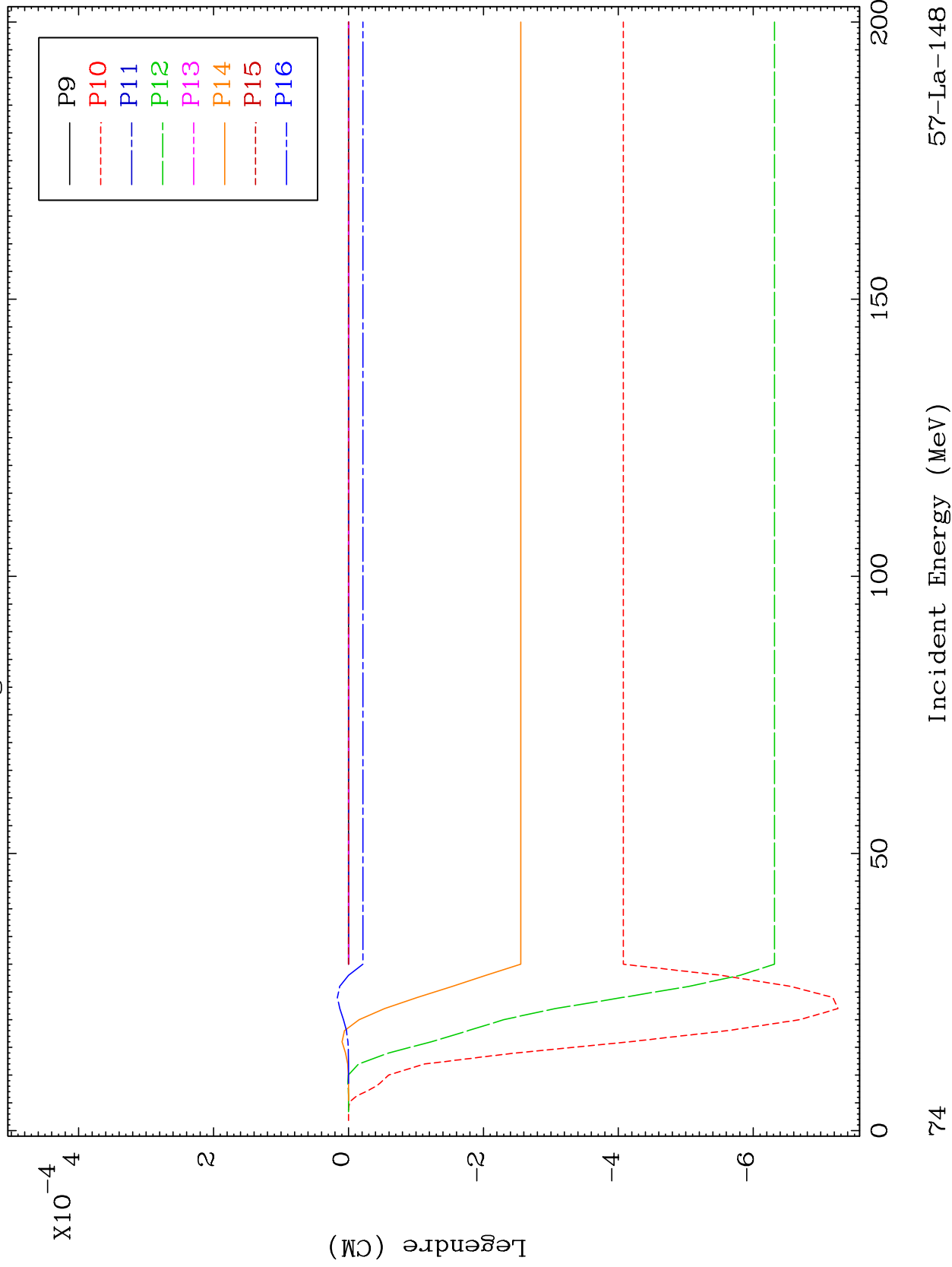




MAT 5755

401.1 keV (n,n') Level
Legendre Coefficients

57-La-148



74

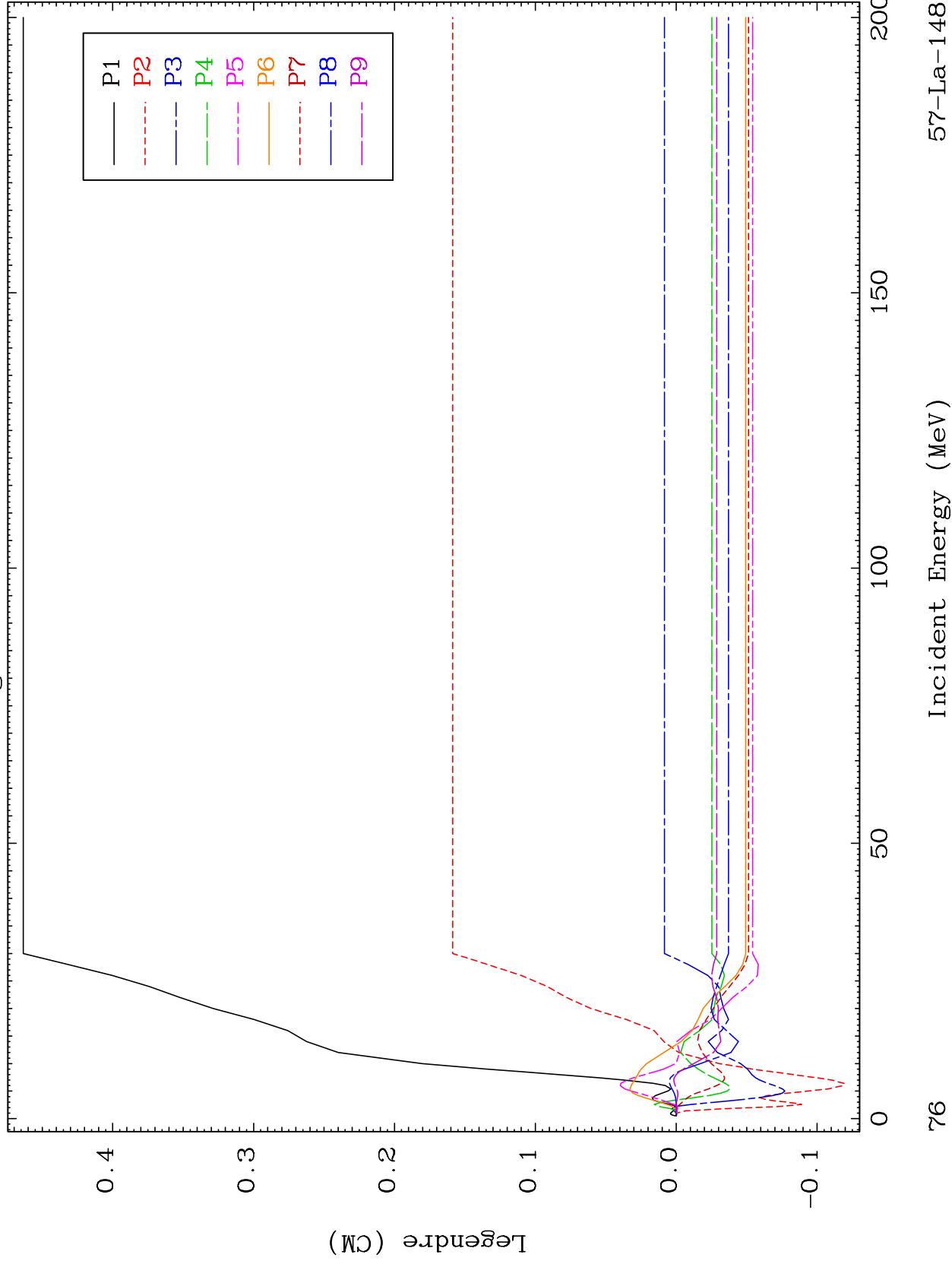
Incident Energy (MeV)

57-La-148

MAT 5755

471.9 keV (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

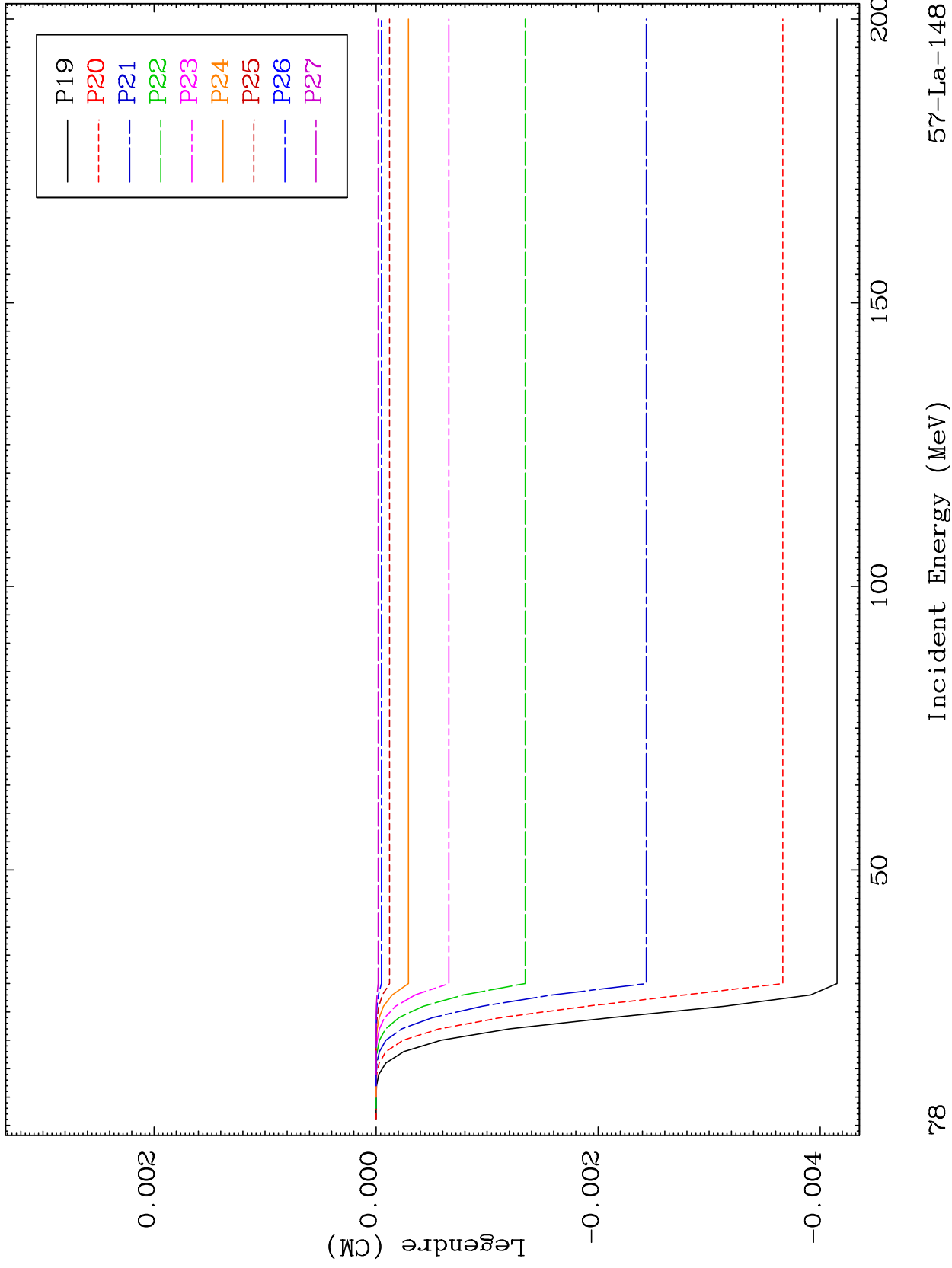
Incident Energy (MeV)

76

MAT 5755

471.9 keV (n,n') Level
Legendre Coefficients

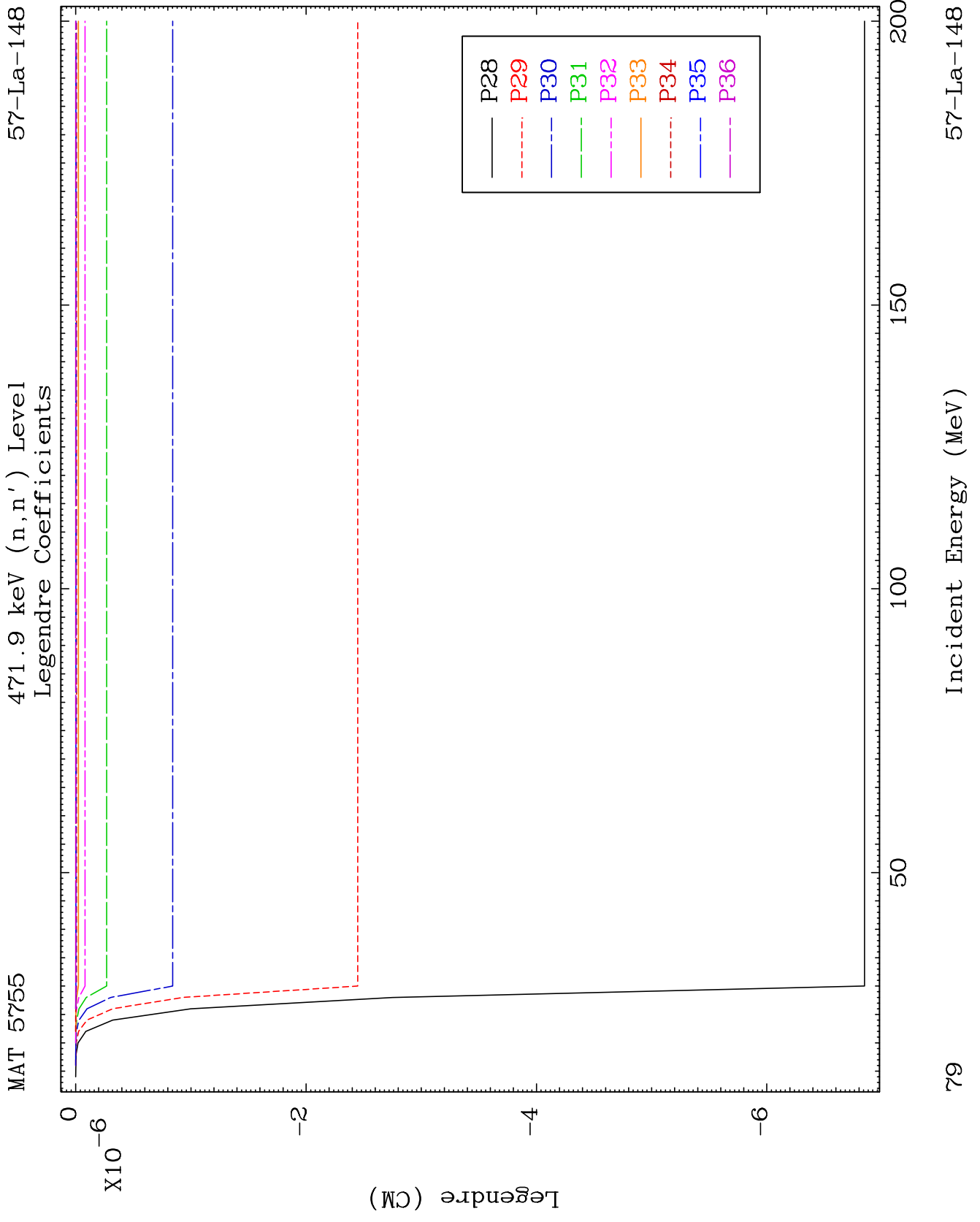
57-La-148



78

Incident Energy (MeV)

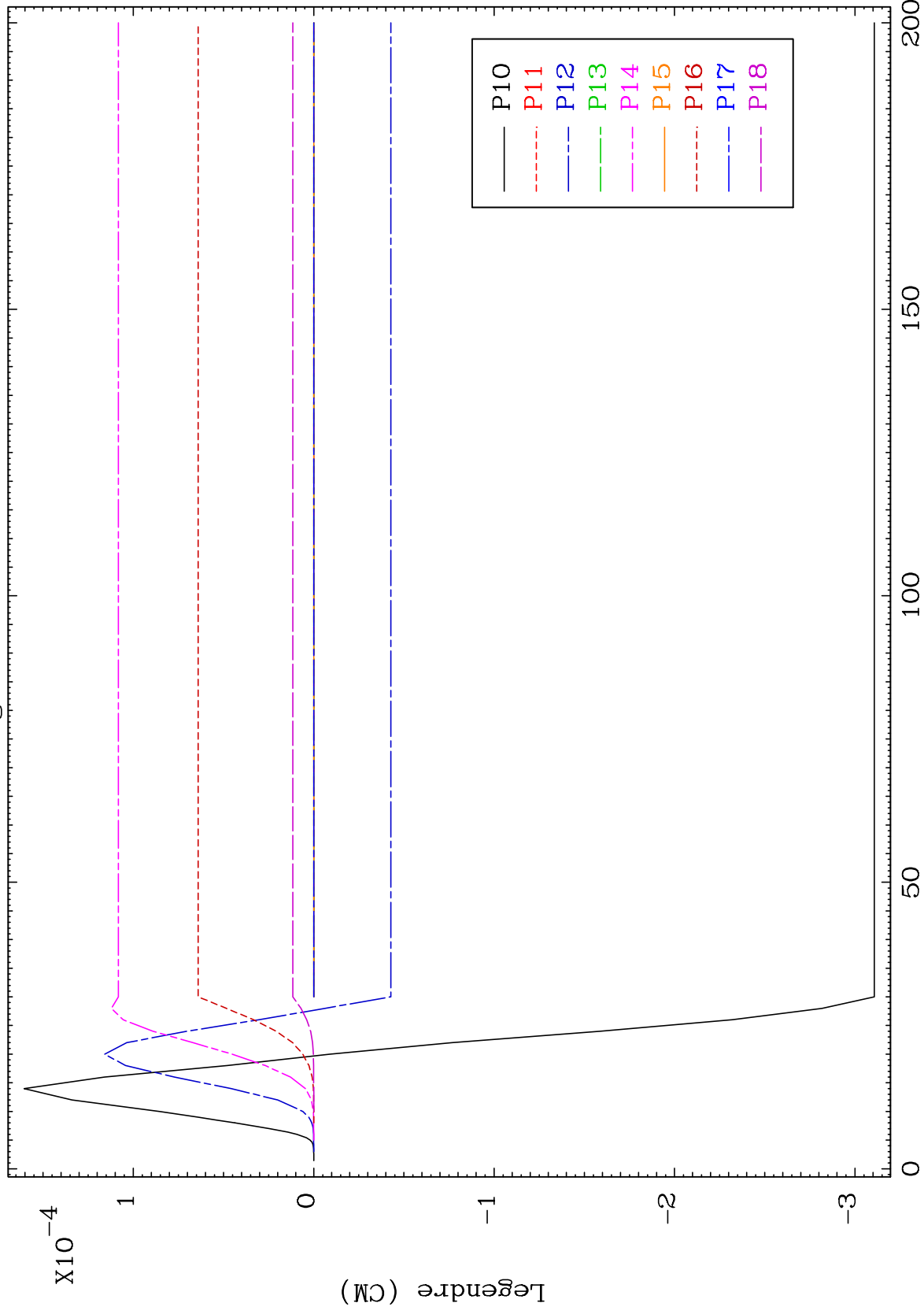
57-La-148



MAT 5755

500.2 keV (n,n') Level
Legendre Coefficients

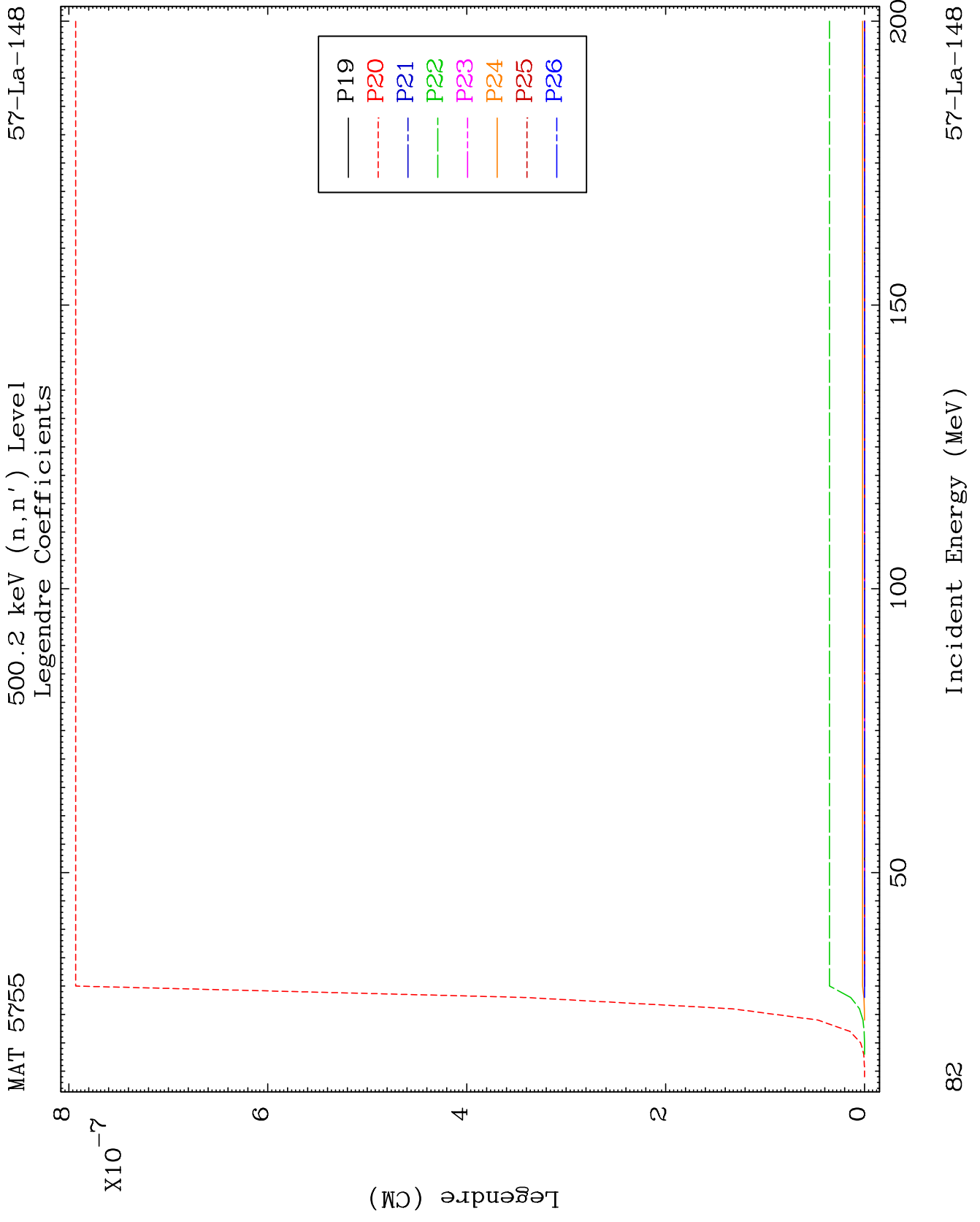
57-La-148



81

Incident Energy (MeV)

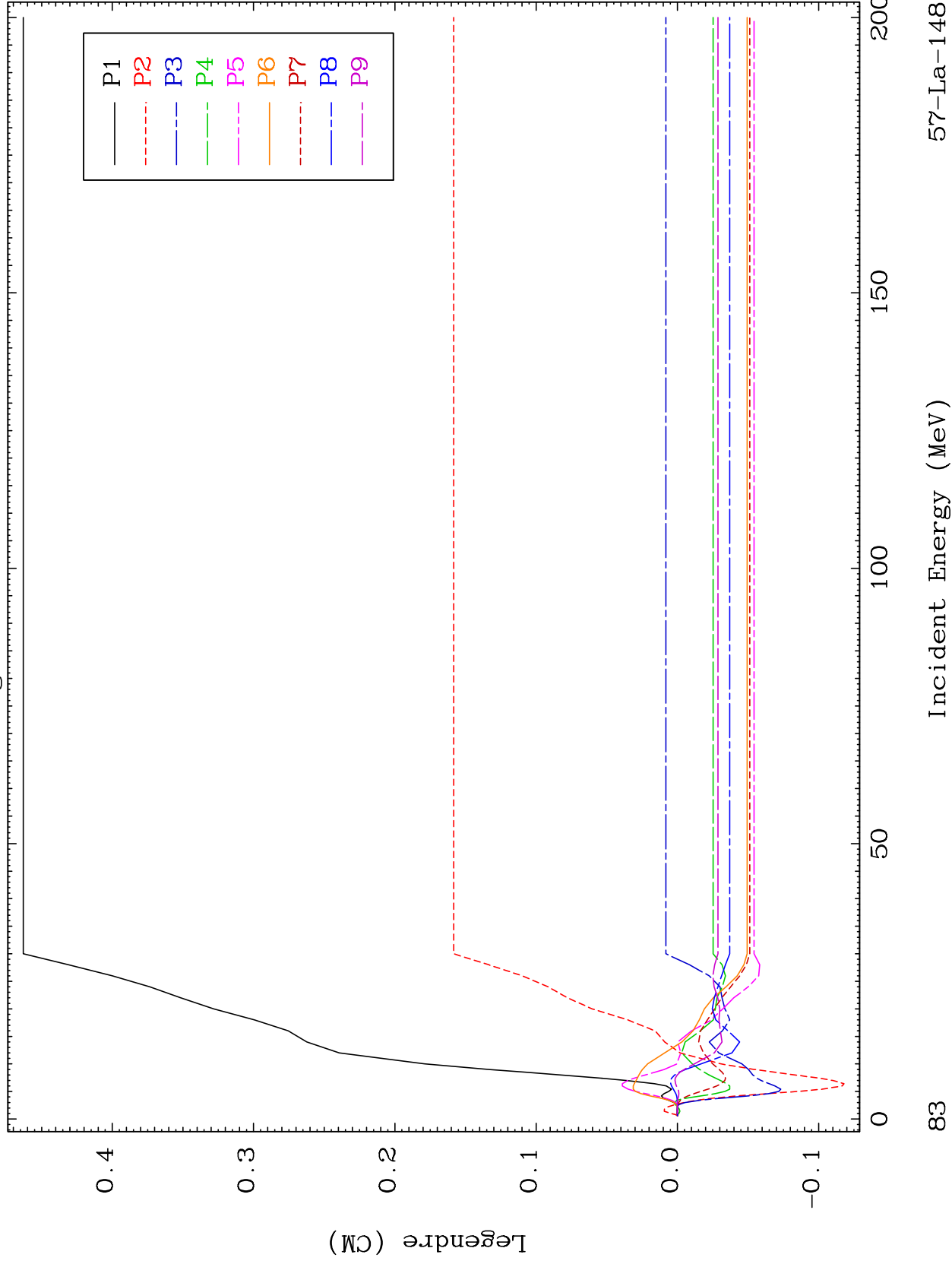
57-La-148



MAT 5755

538.1 keV (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

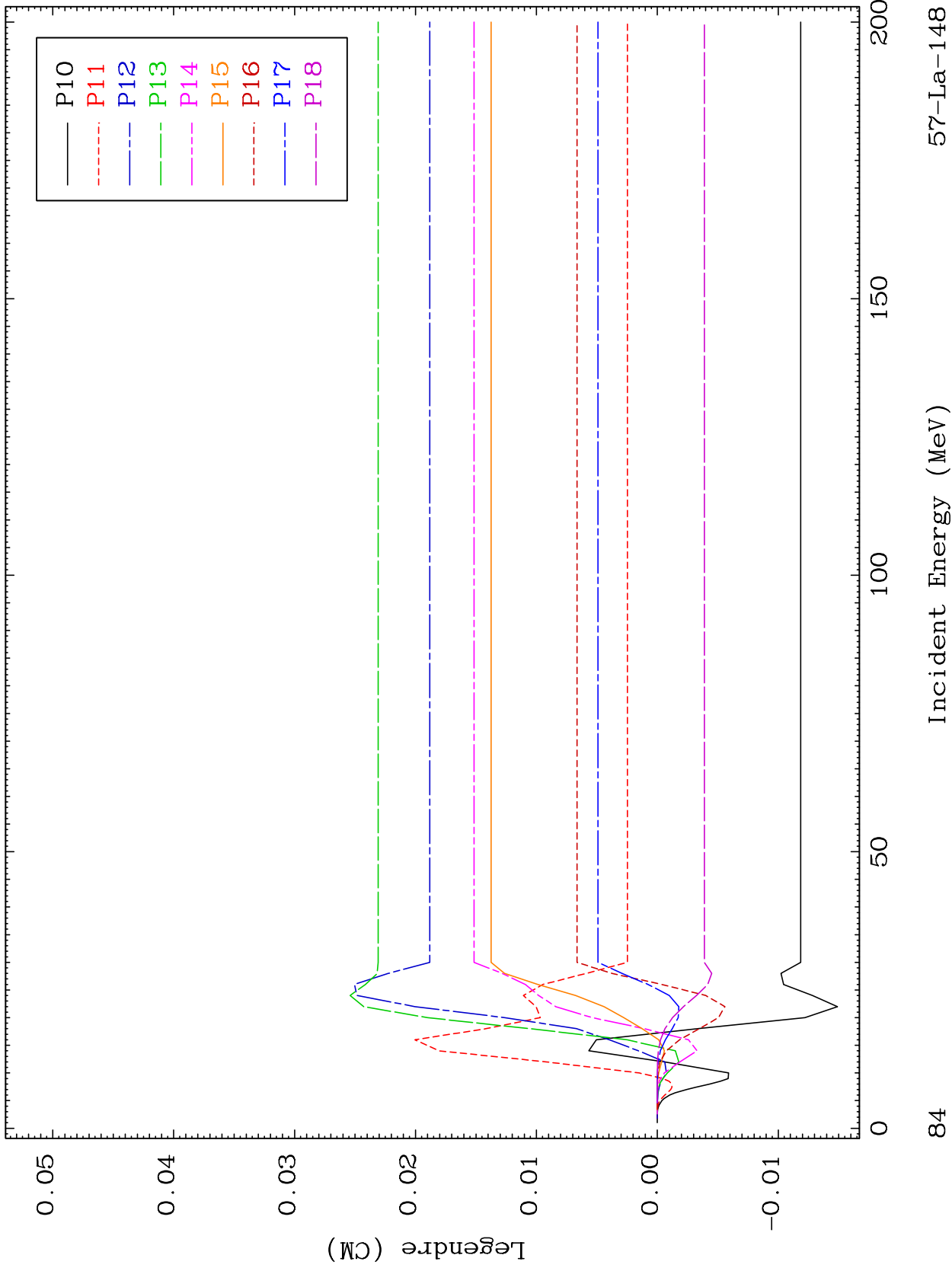
Incident Energy (MeV)

83

MAT 5755

538.1 keV (n,n') Level
Legendre Coefficients

57-La-148



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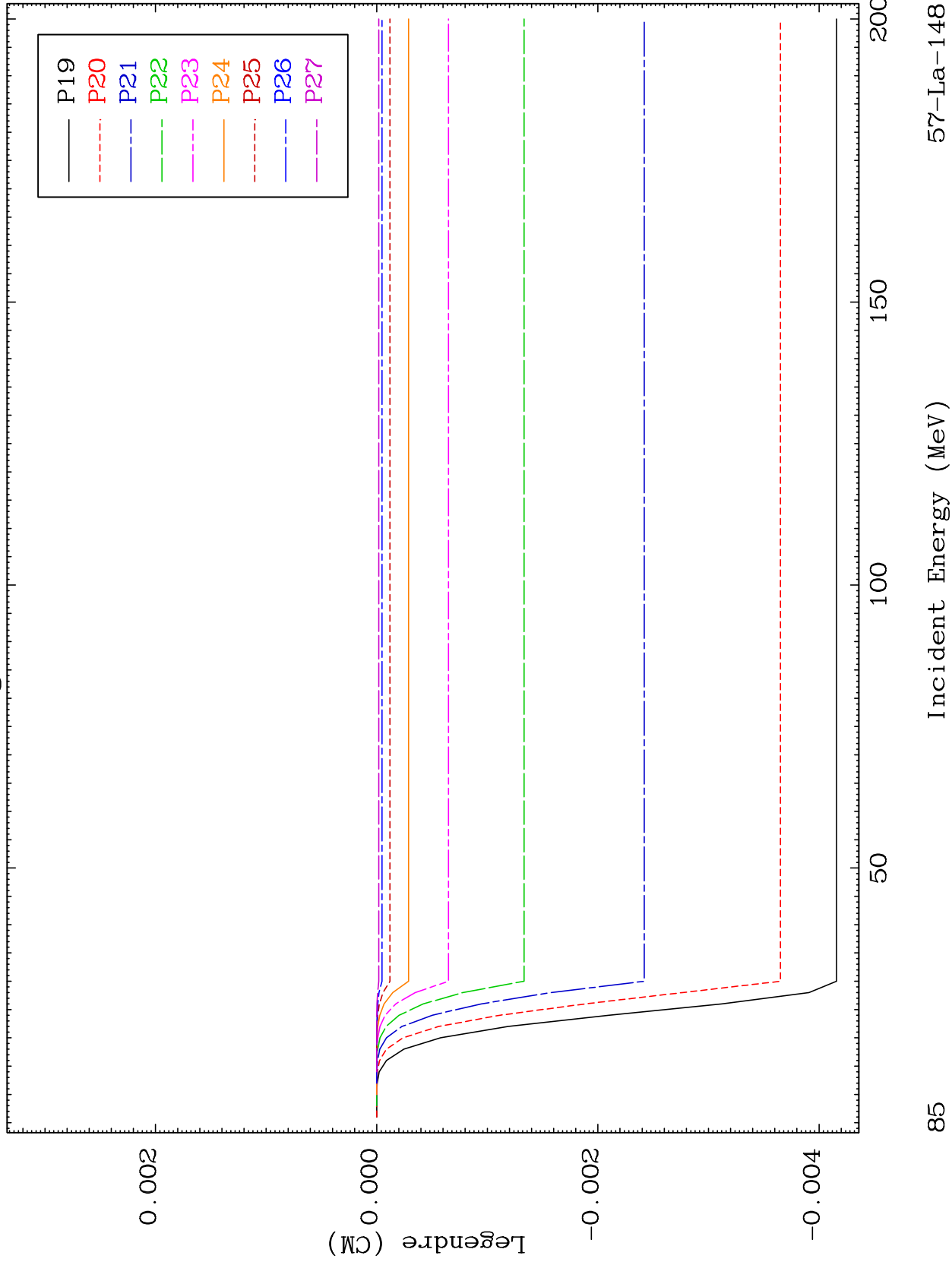
Incident Energy (MeV)

57-La-148

MAT 5755

538.1 keV (n,n') Level
Legendre Coefficients

57-La-148



85

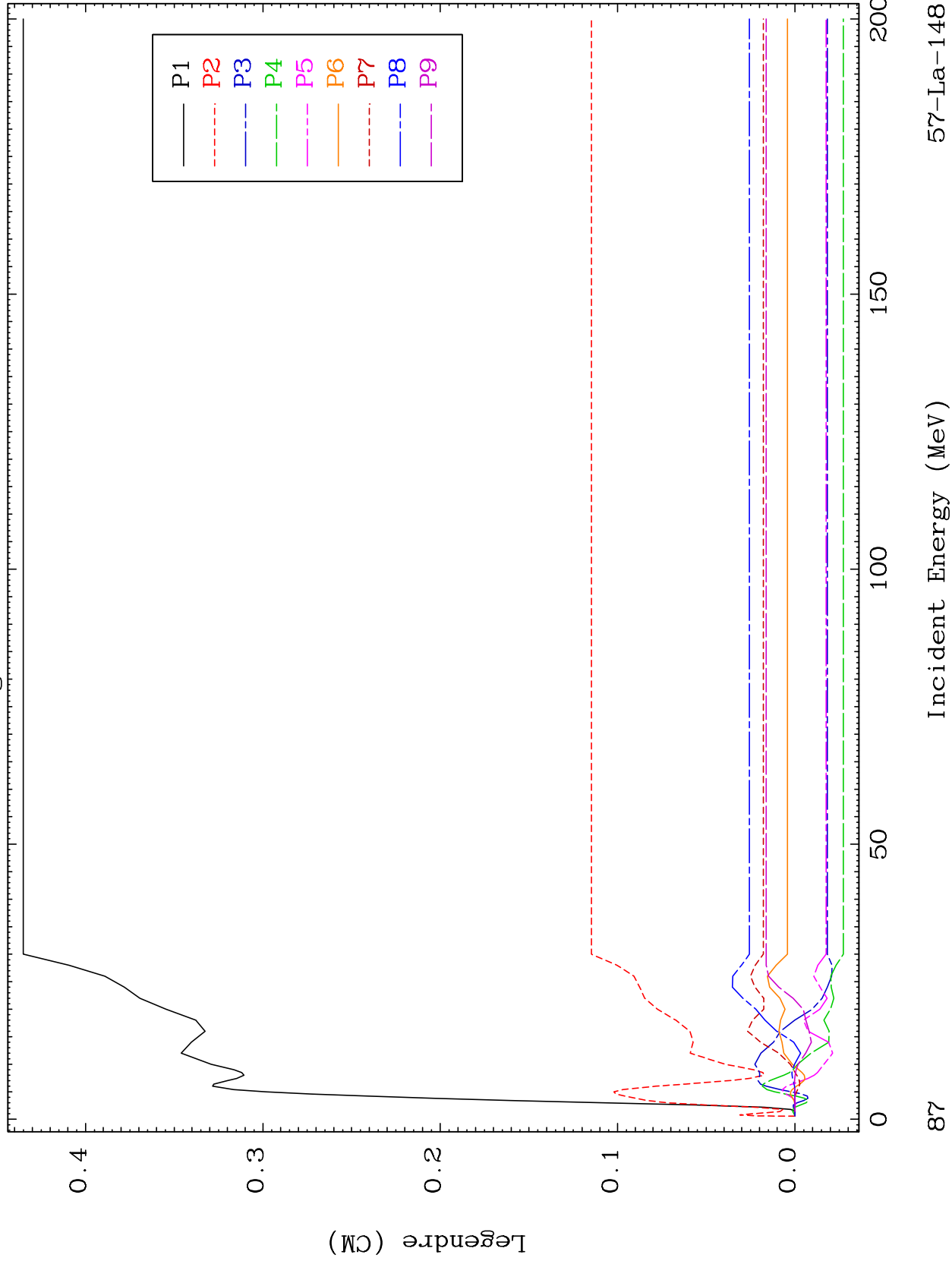
Incident Energy (MeV)

57-La-148

MAT 5755

554.1 keV (n,n') Level
Legendre Coefficients

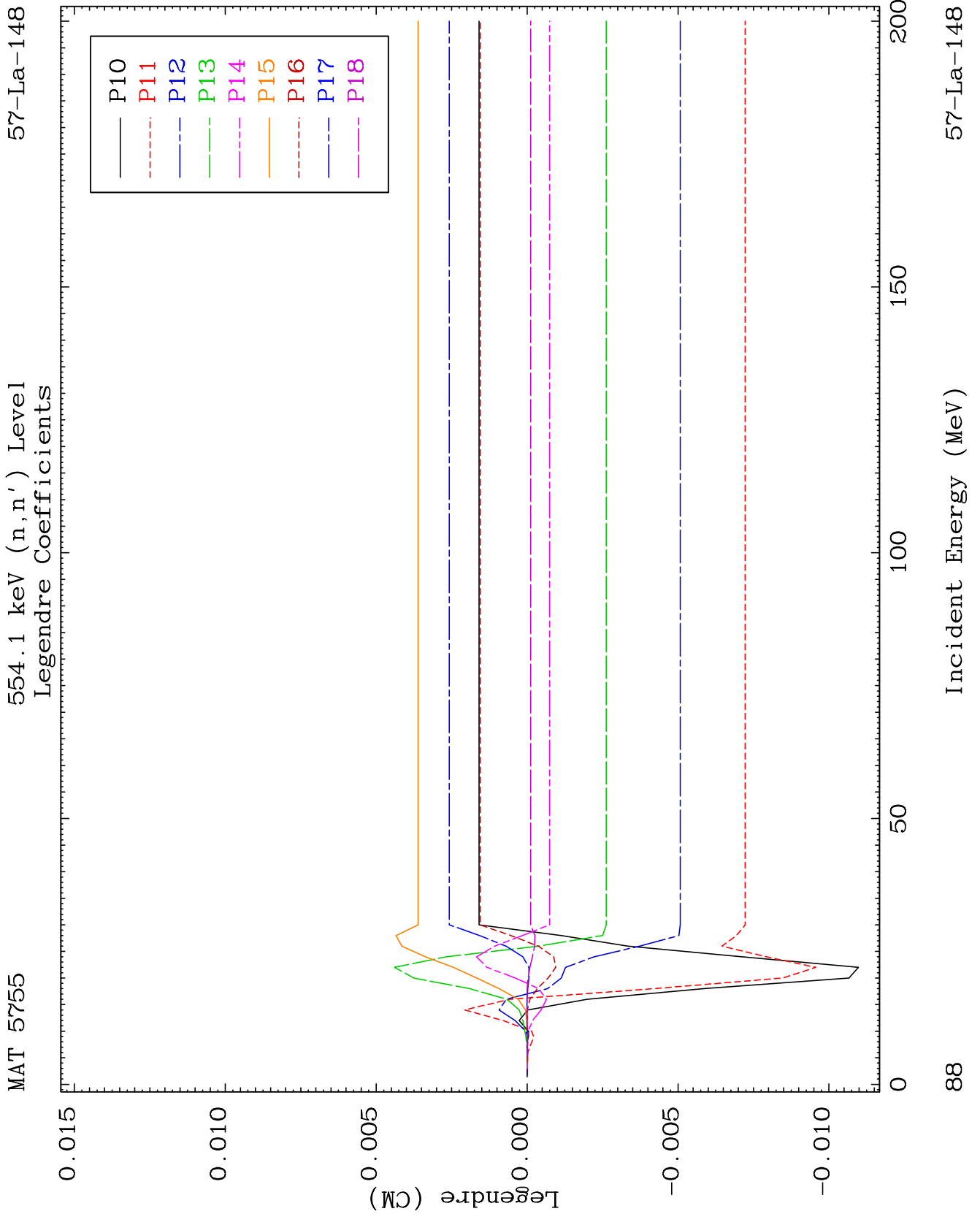
57-La-148

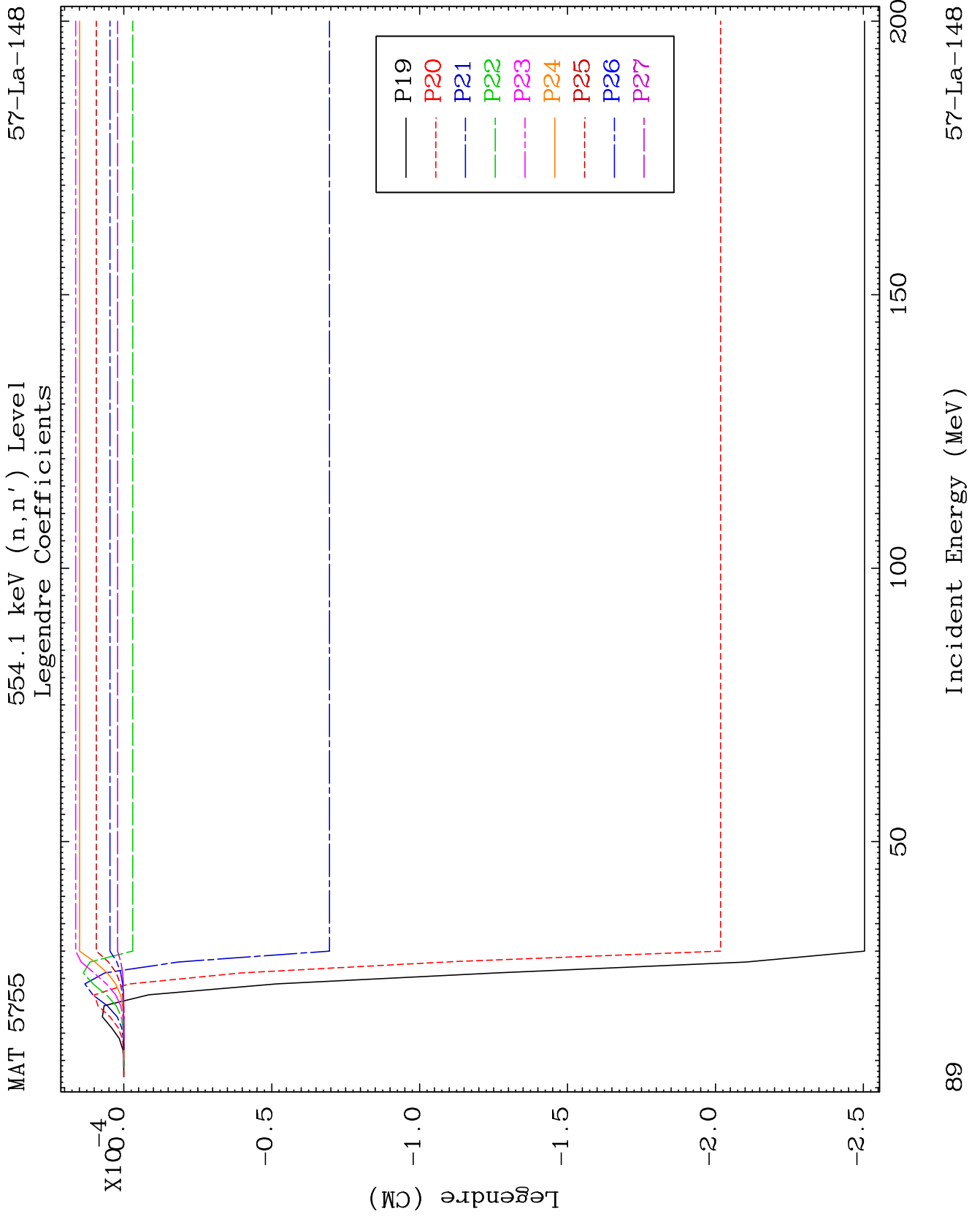


57-La-148

Incident Energy (MeV)

87

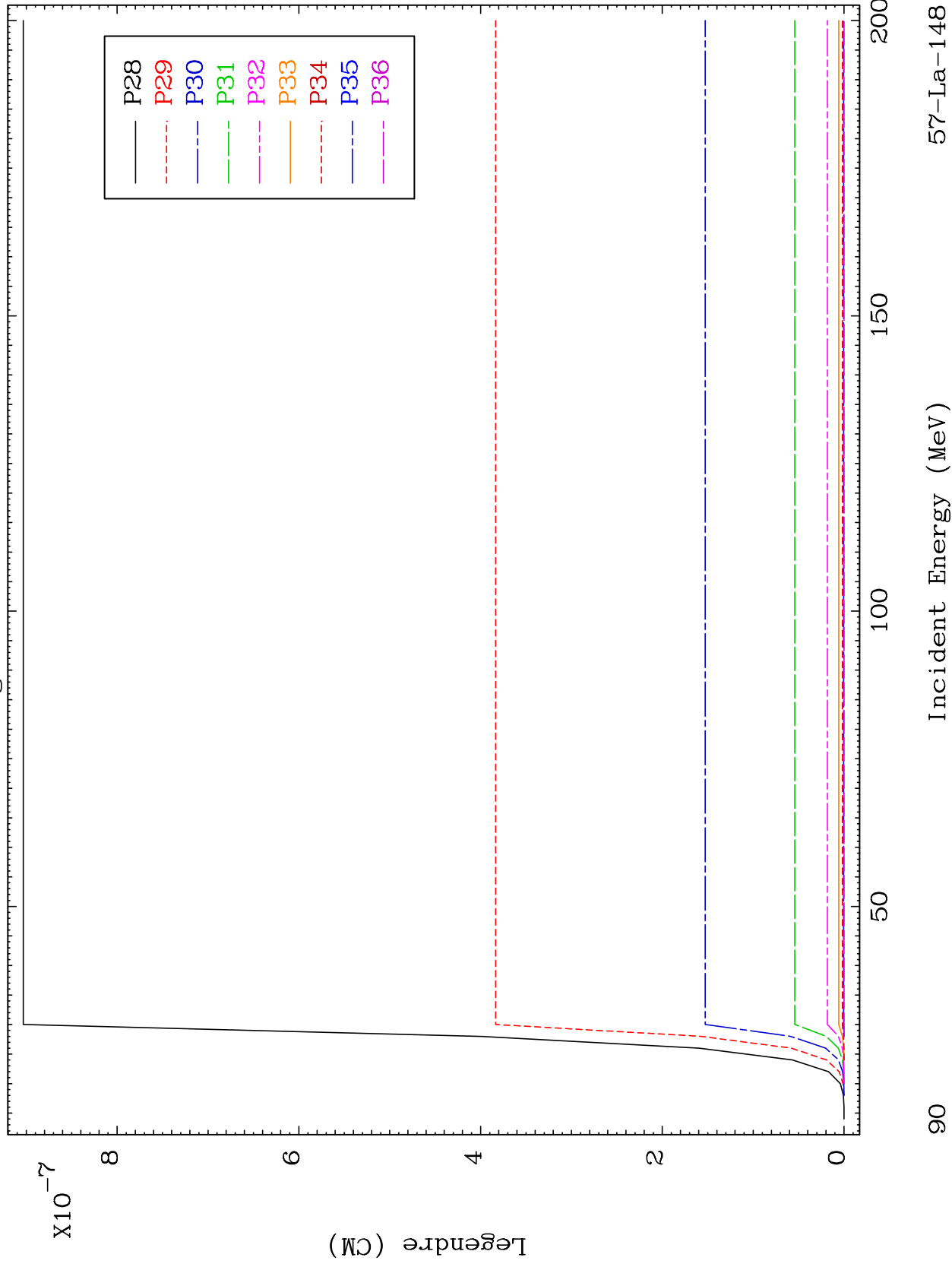




MAT 5755

554.1 keV (n,n') Level
Legendre Coefficients

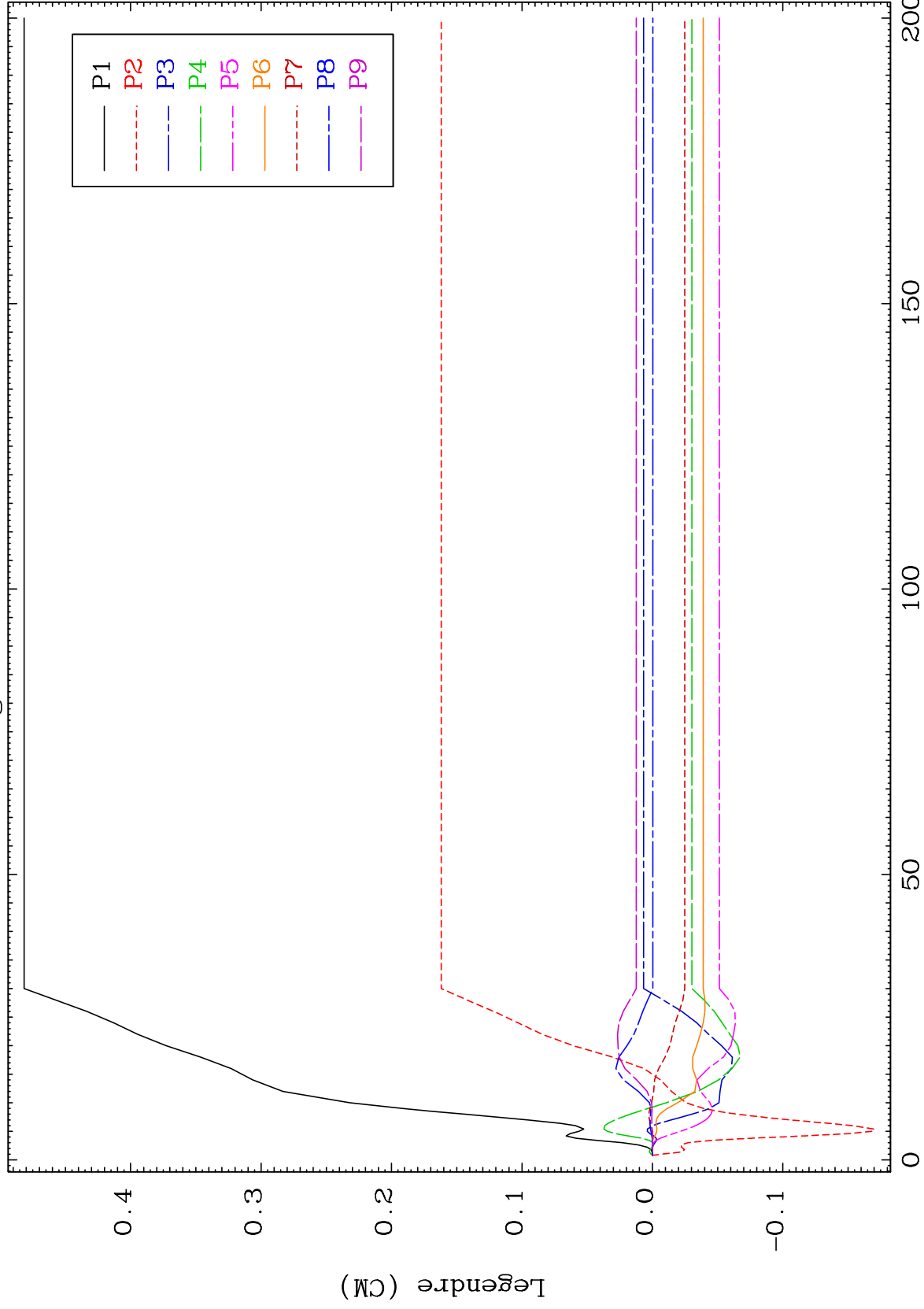
57-La-148



MAT 5755

717.2 keV (n,n') Level
Legendre Coefficients

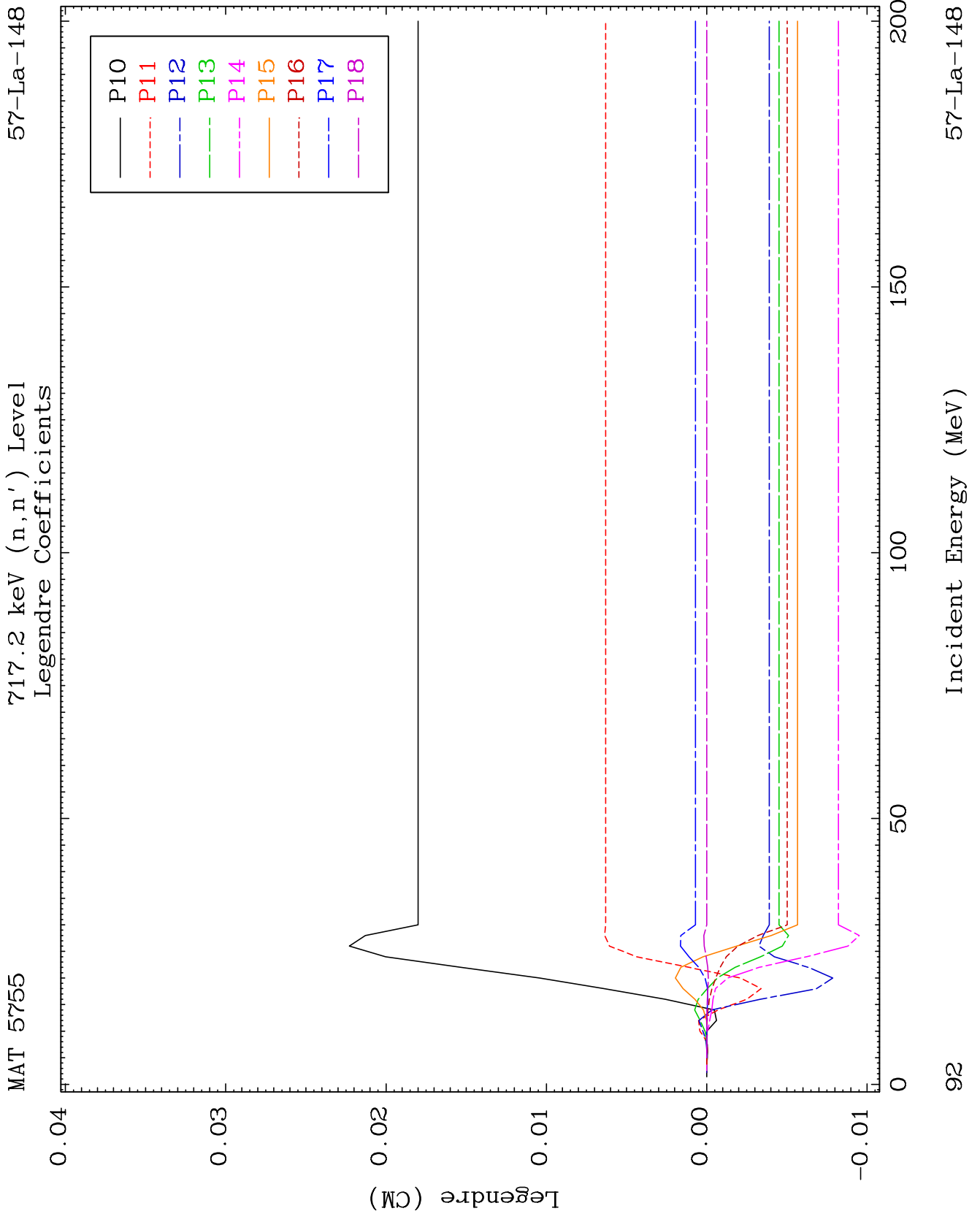
57-La-148

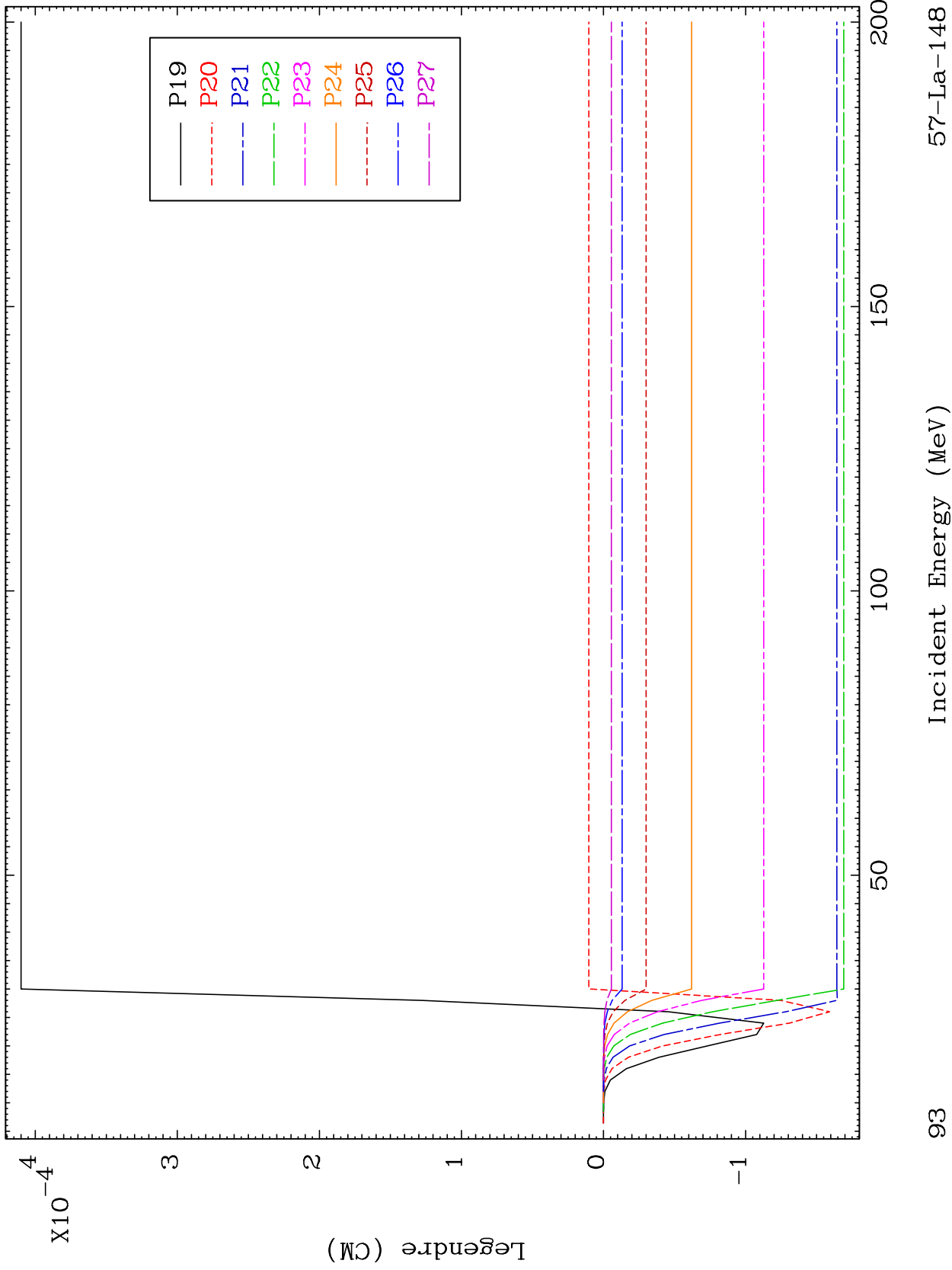


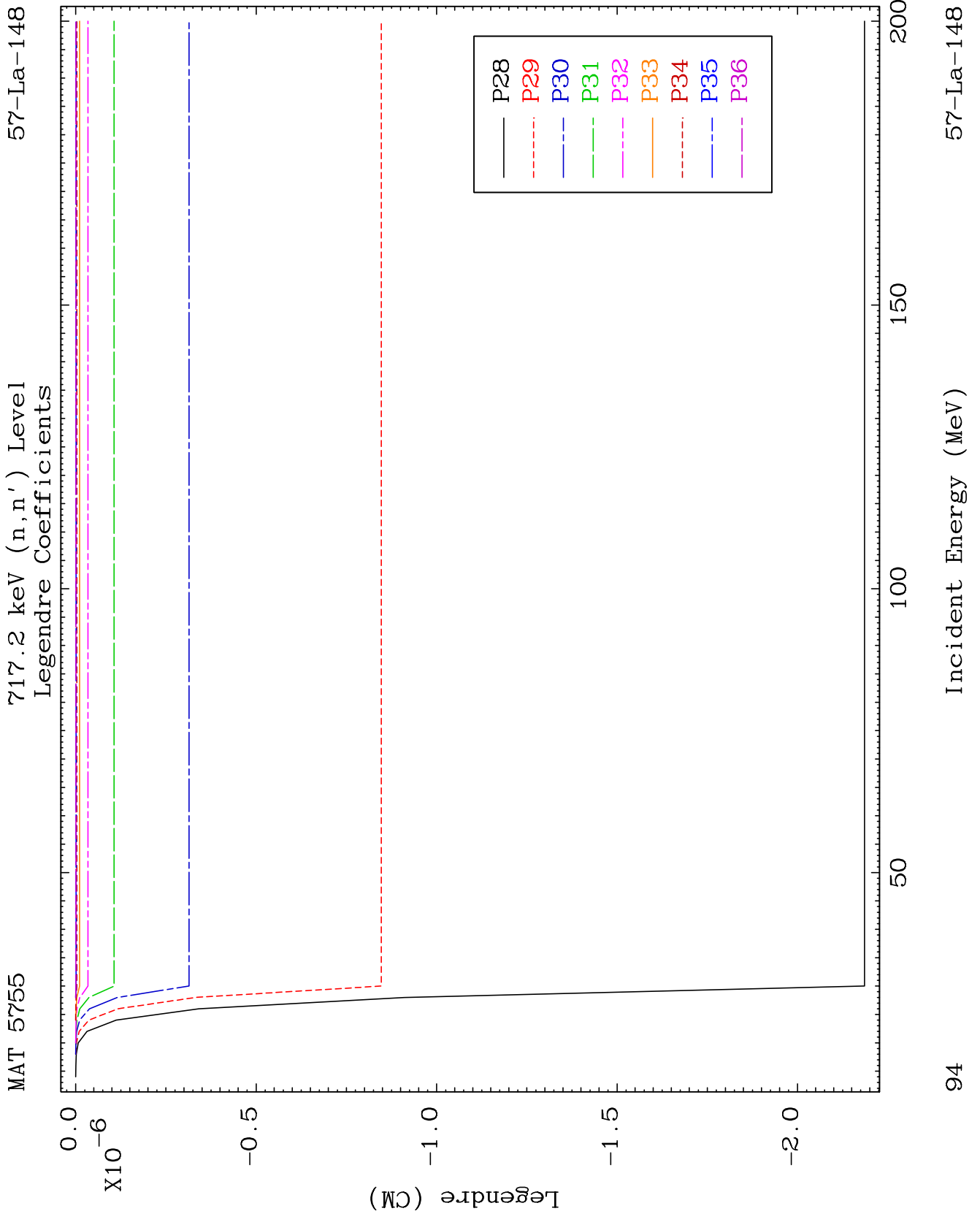
91

Incident Energy (MeV)

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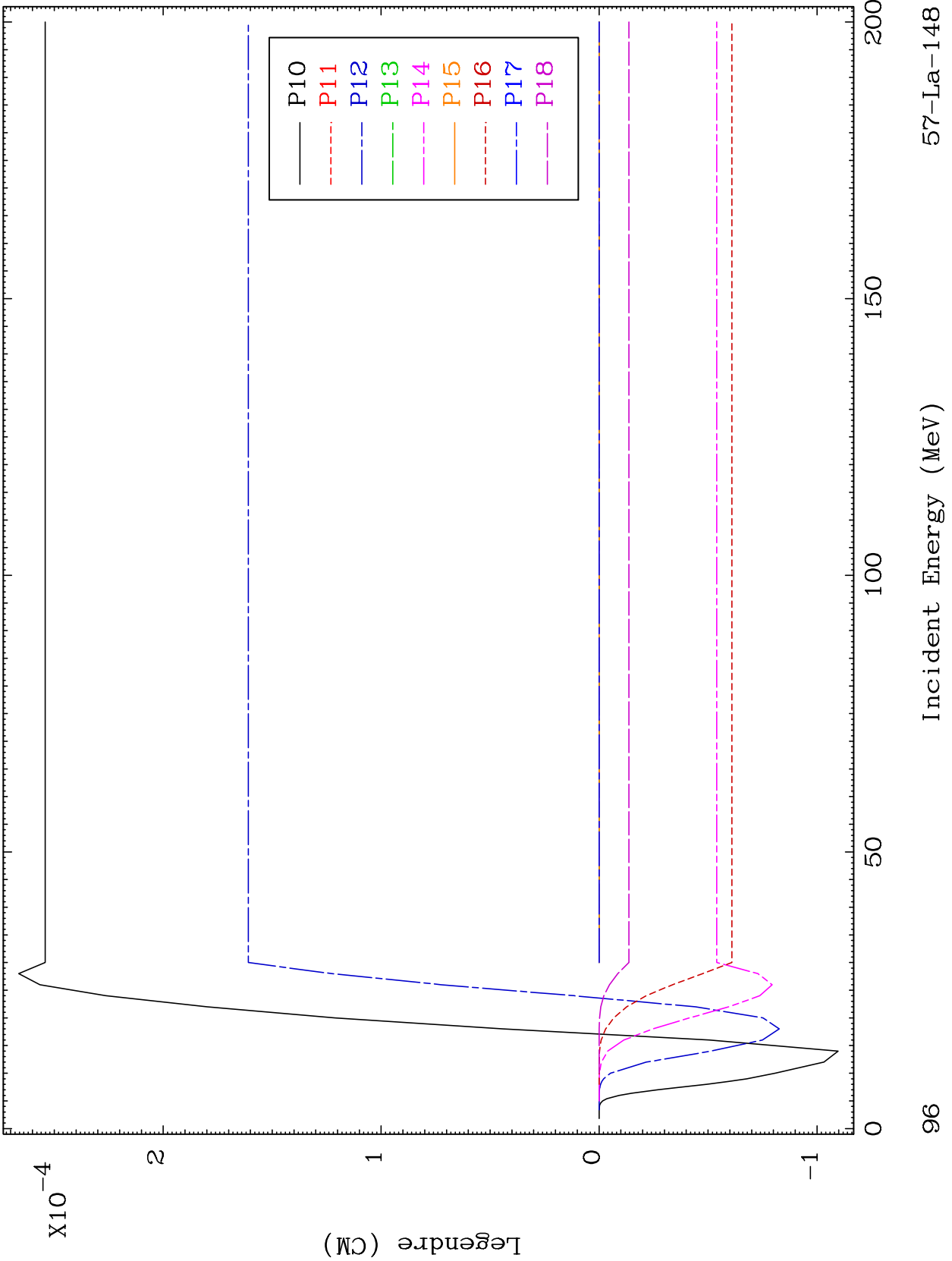




MAT 5755

830.7 keV (n,n') Level
Legendre Coefficients

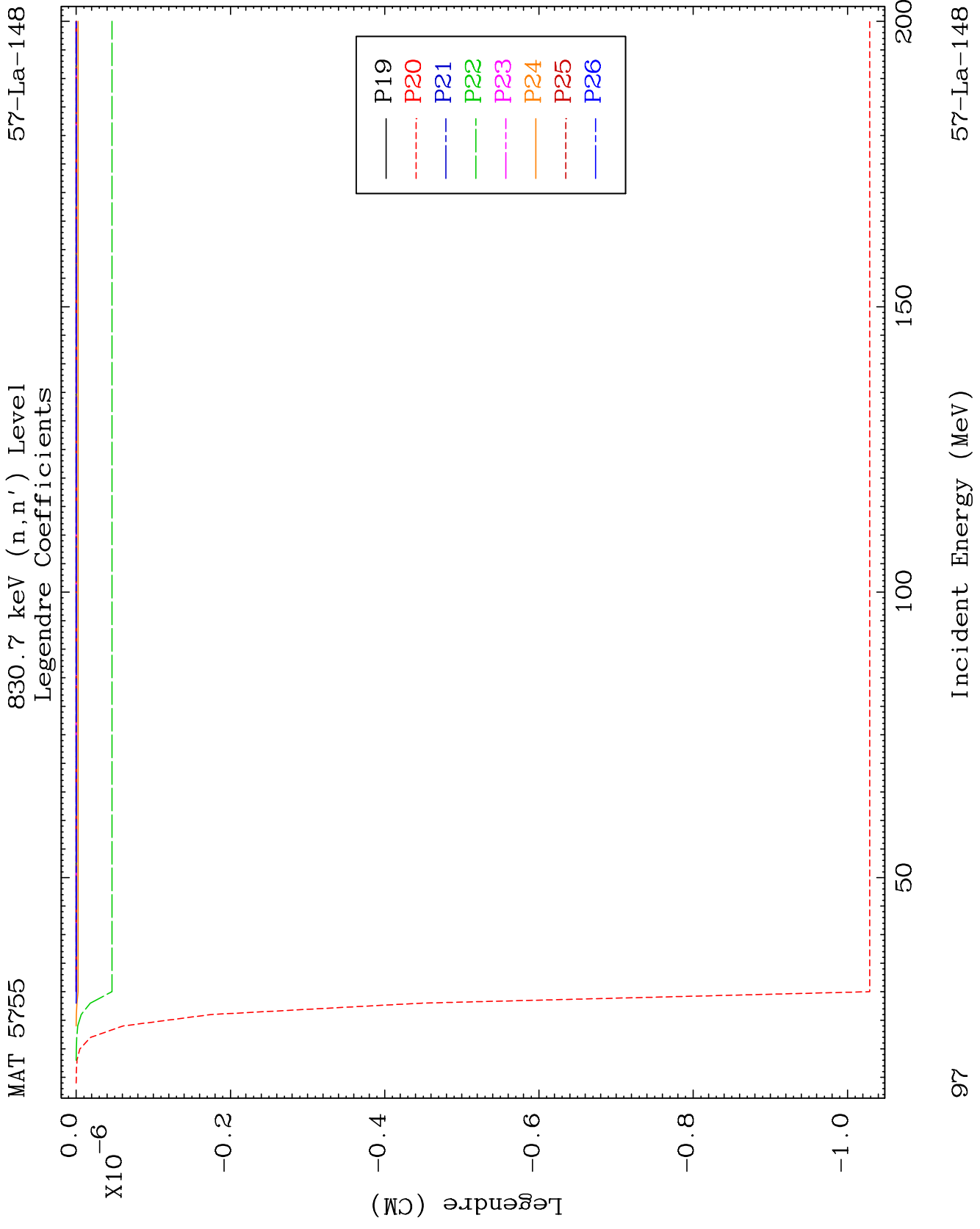
57-La-148

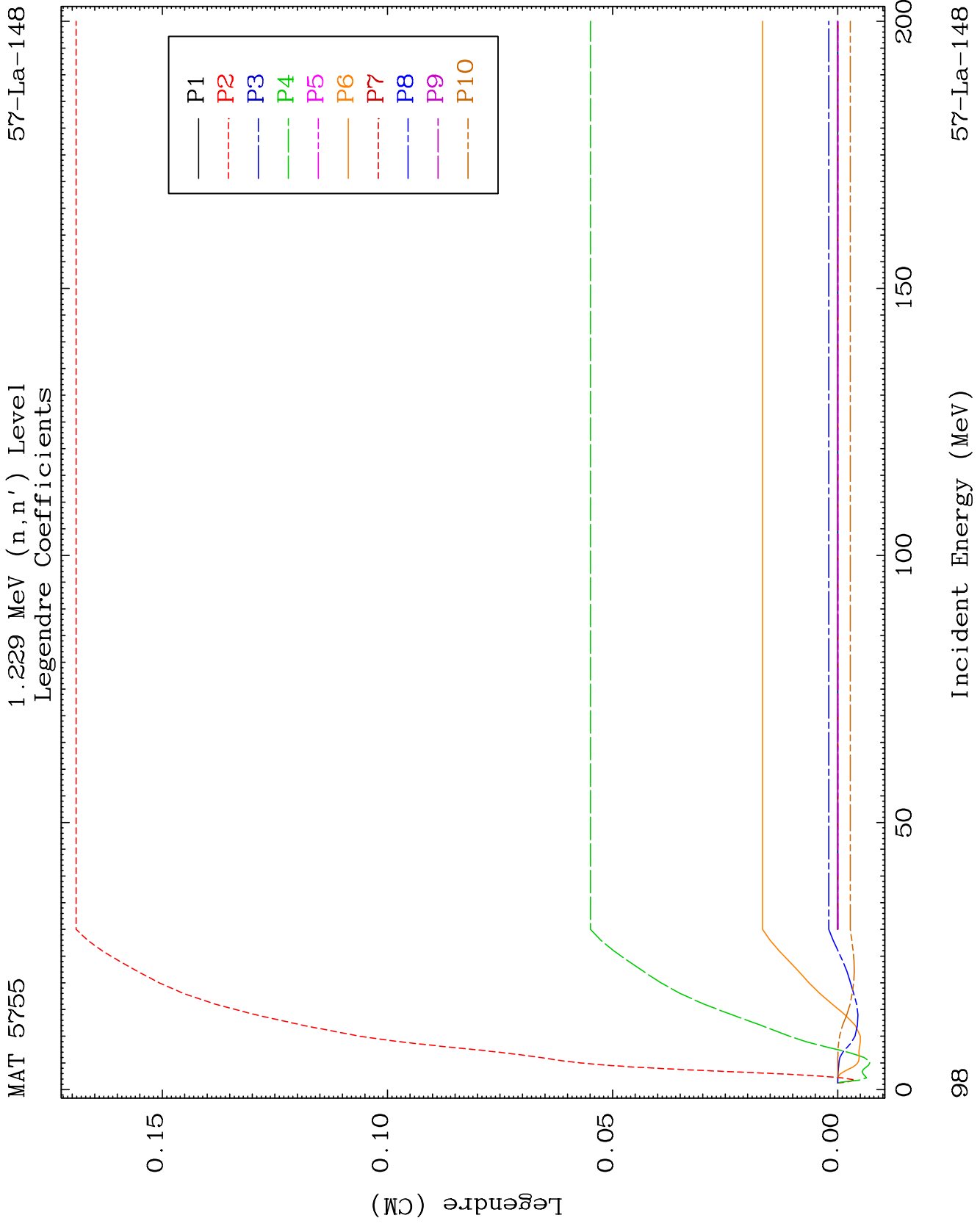


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Incident Energy (MeV)

96

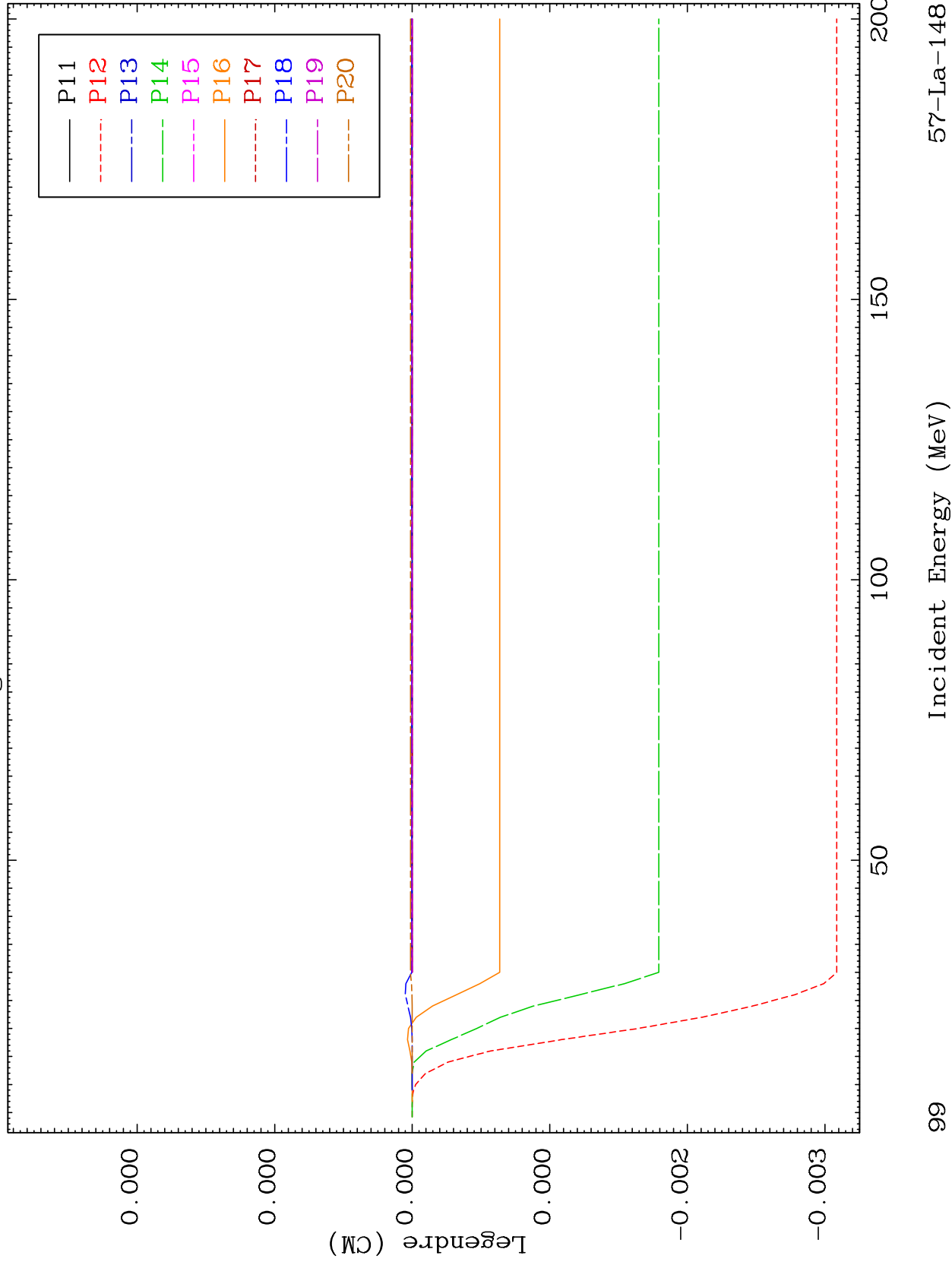




MAT 5755

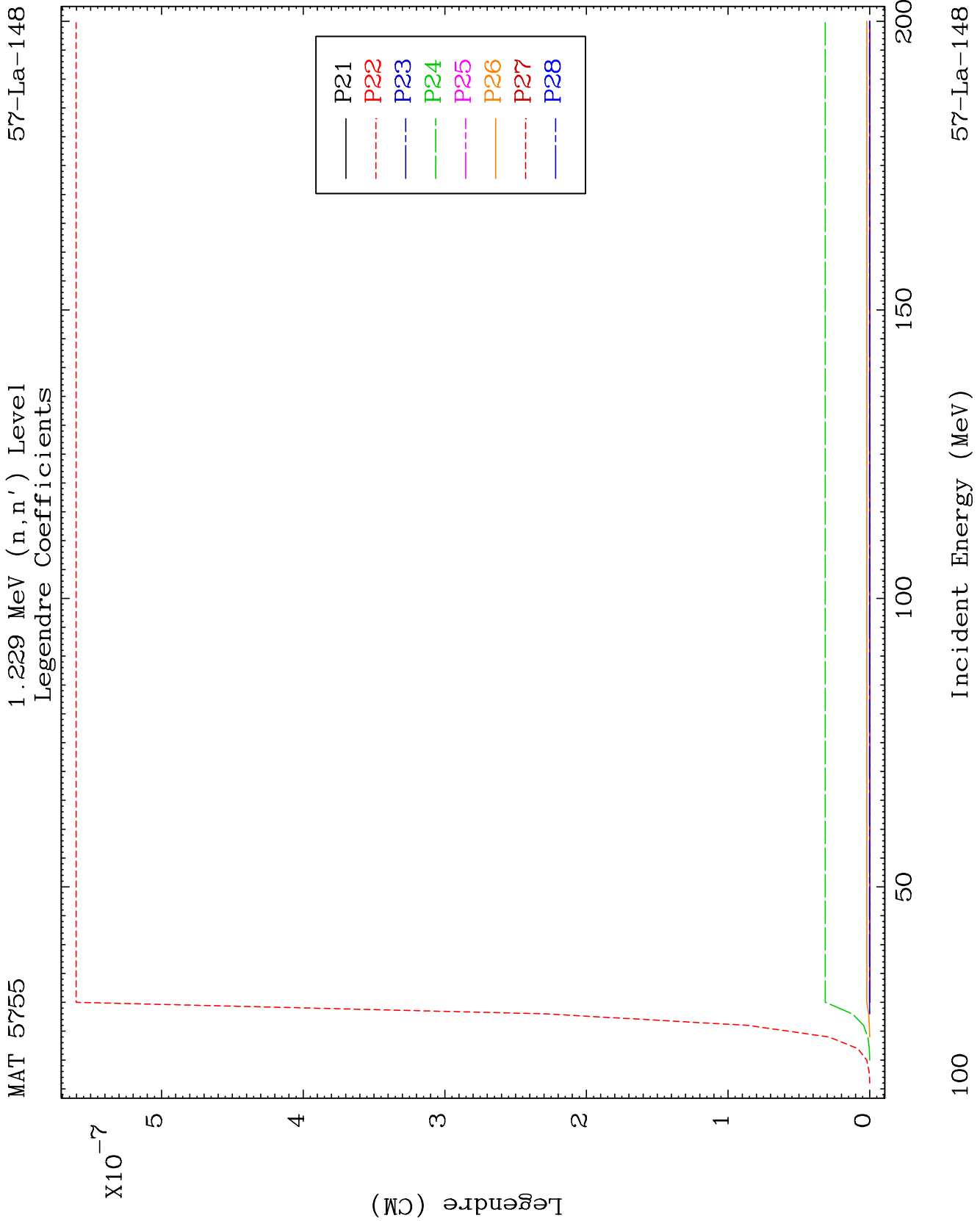
1.229 MeV (n,n') Level
Legendre Coefficients

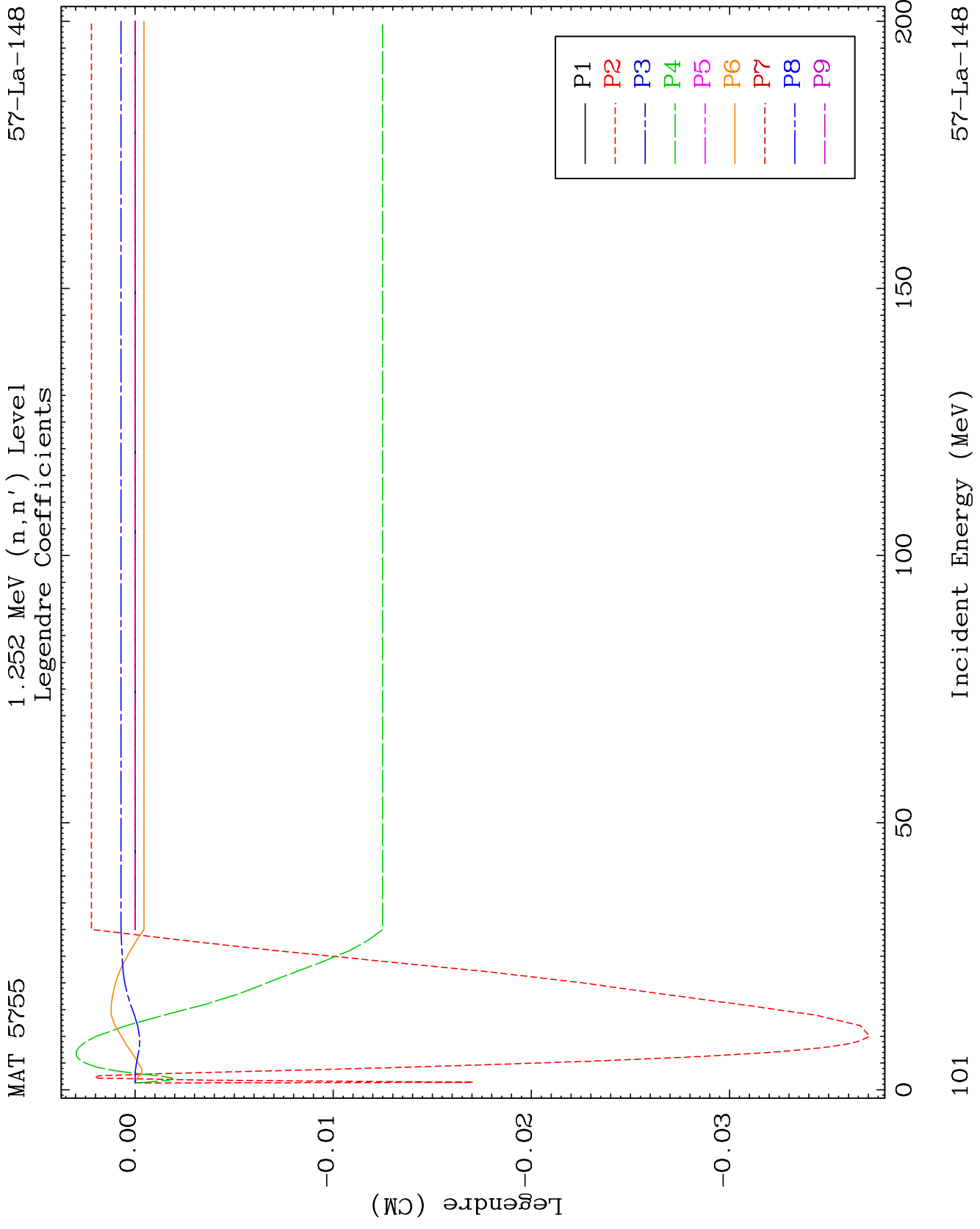
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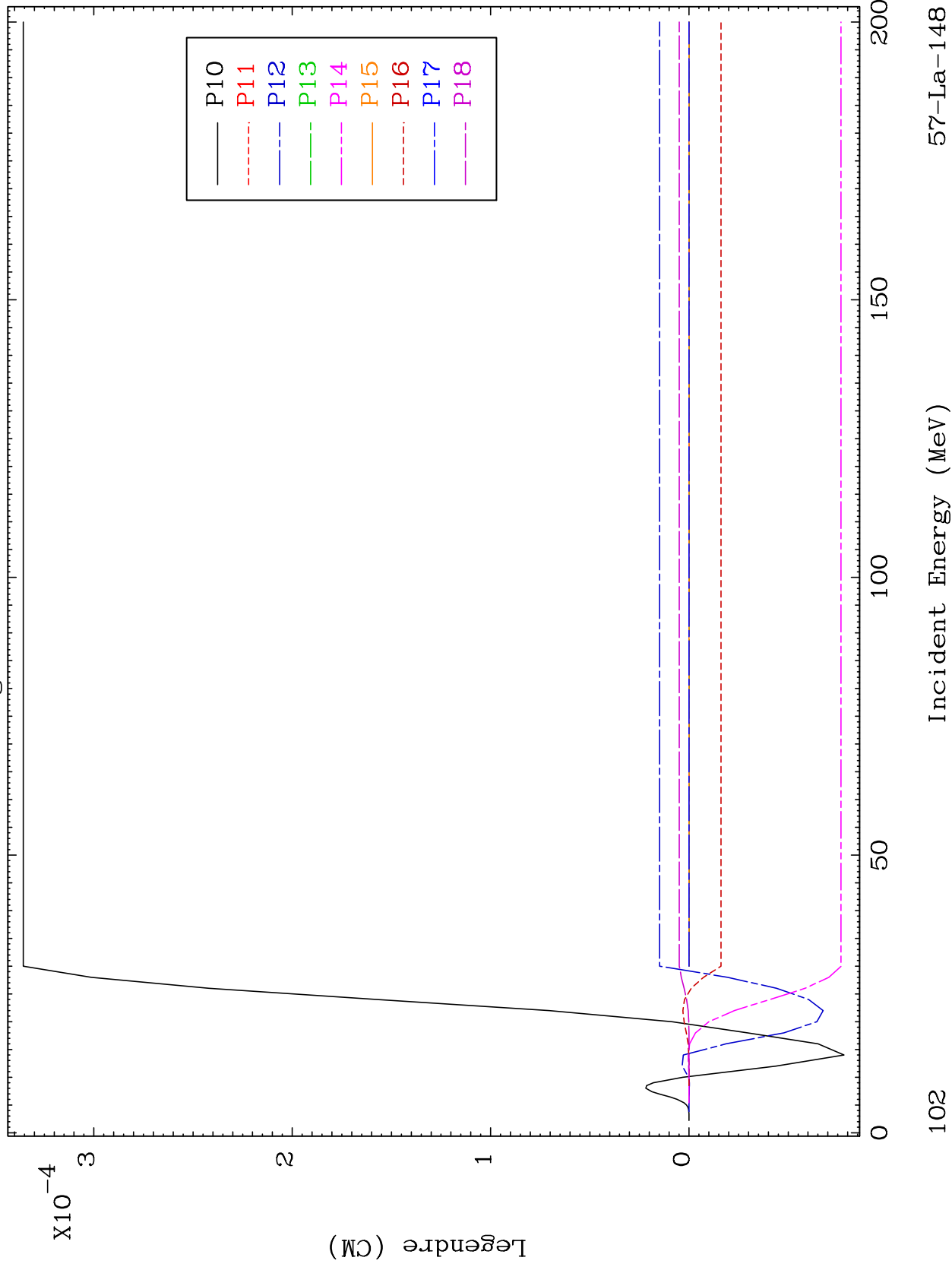


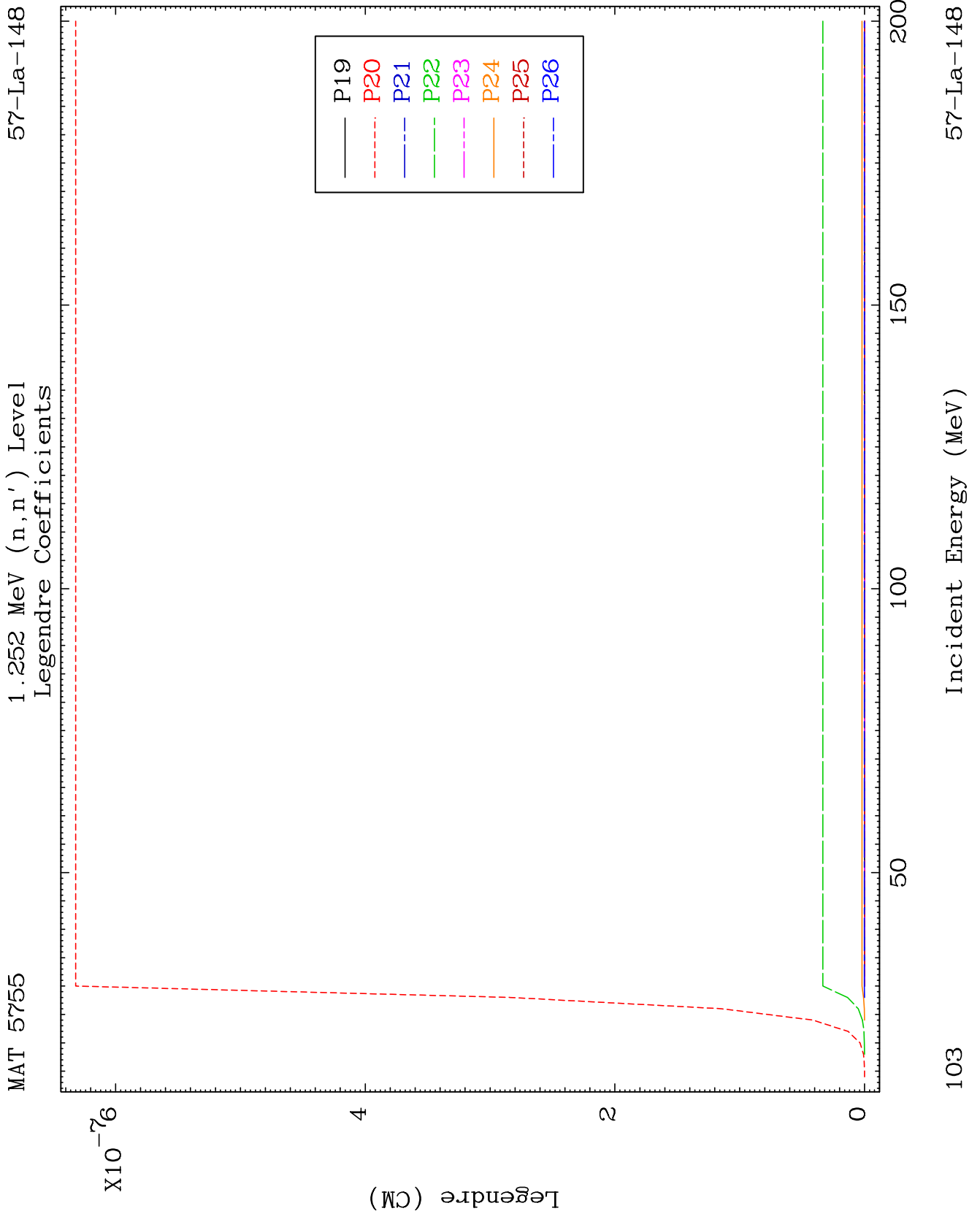


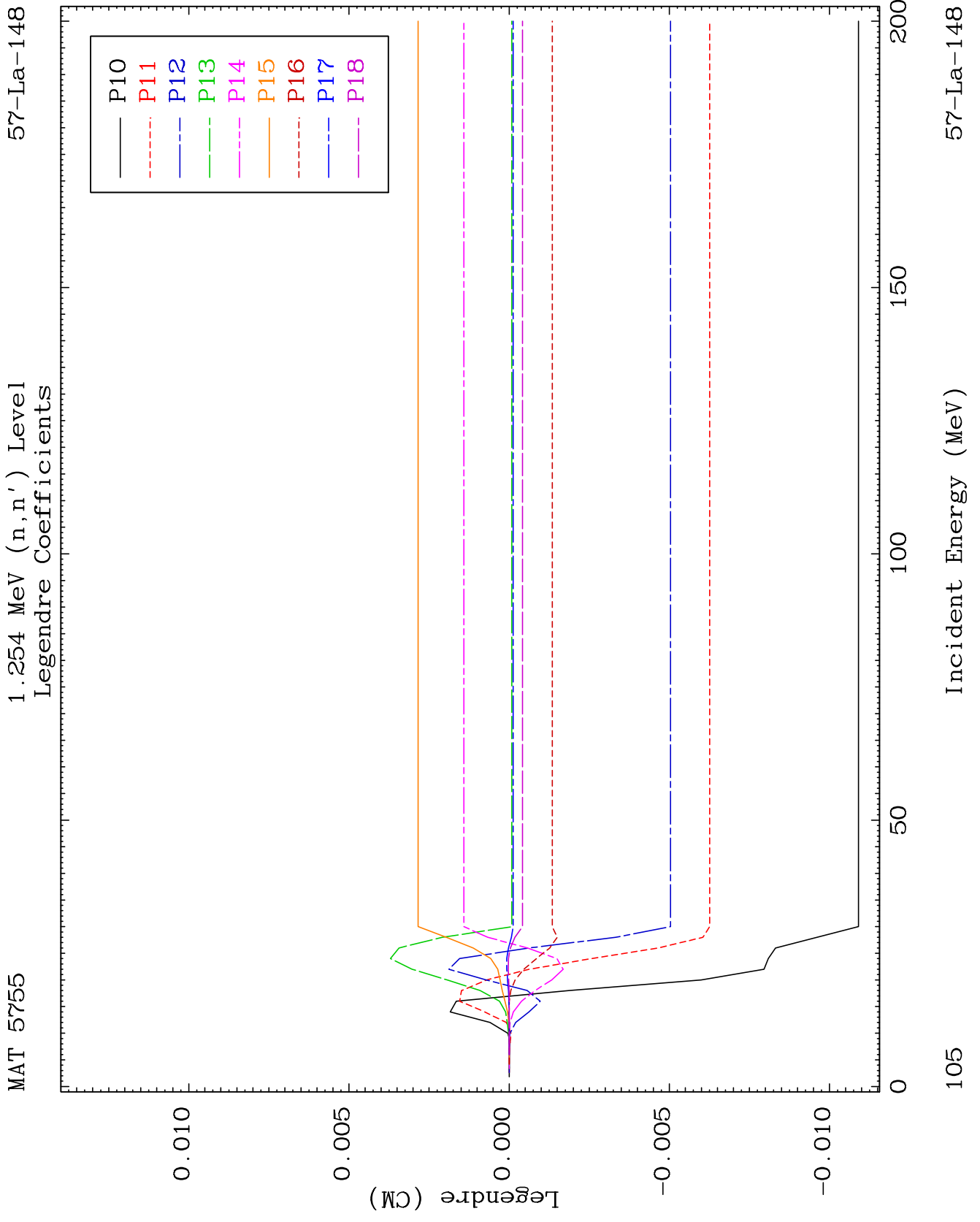
MAT 5755

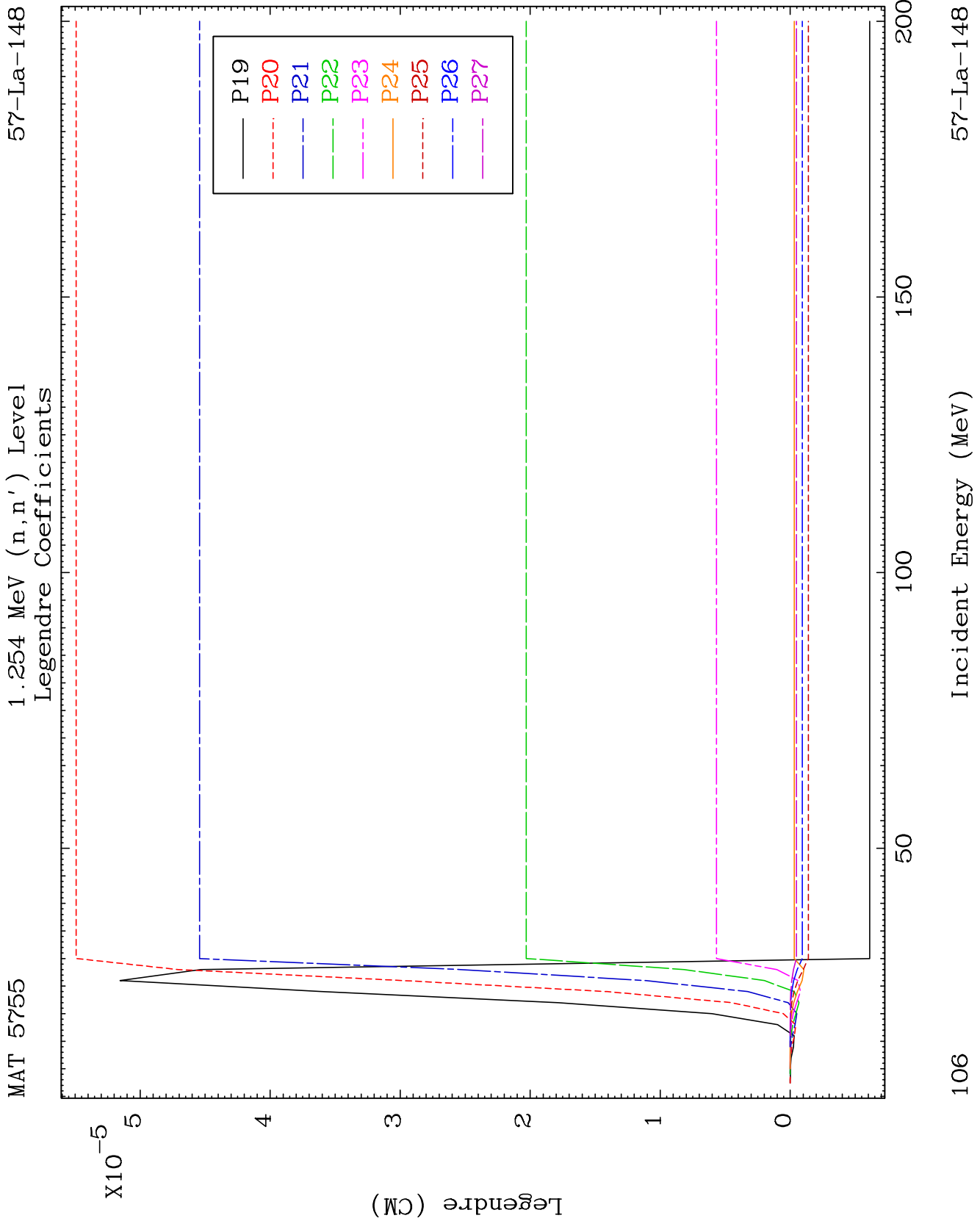
1.252 MeV (n,n') Level
Legendre Coefficients

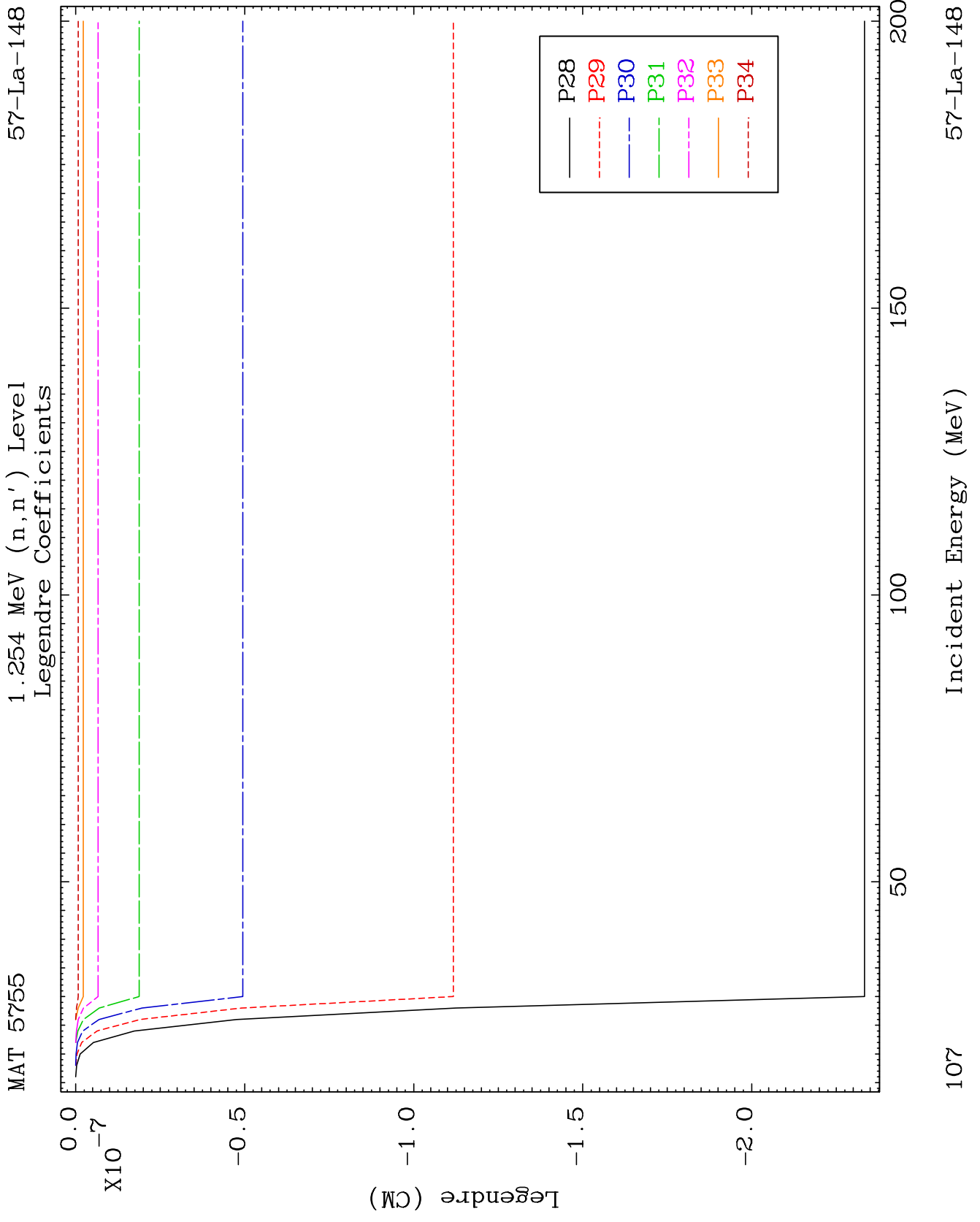
57-La-148

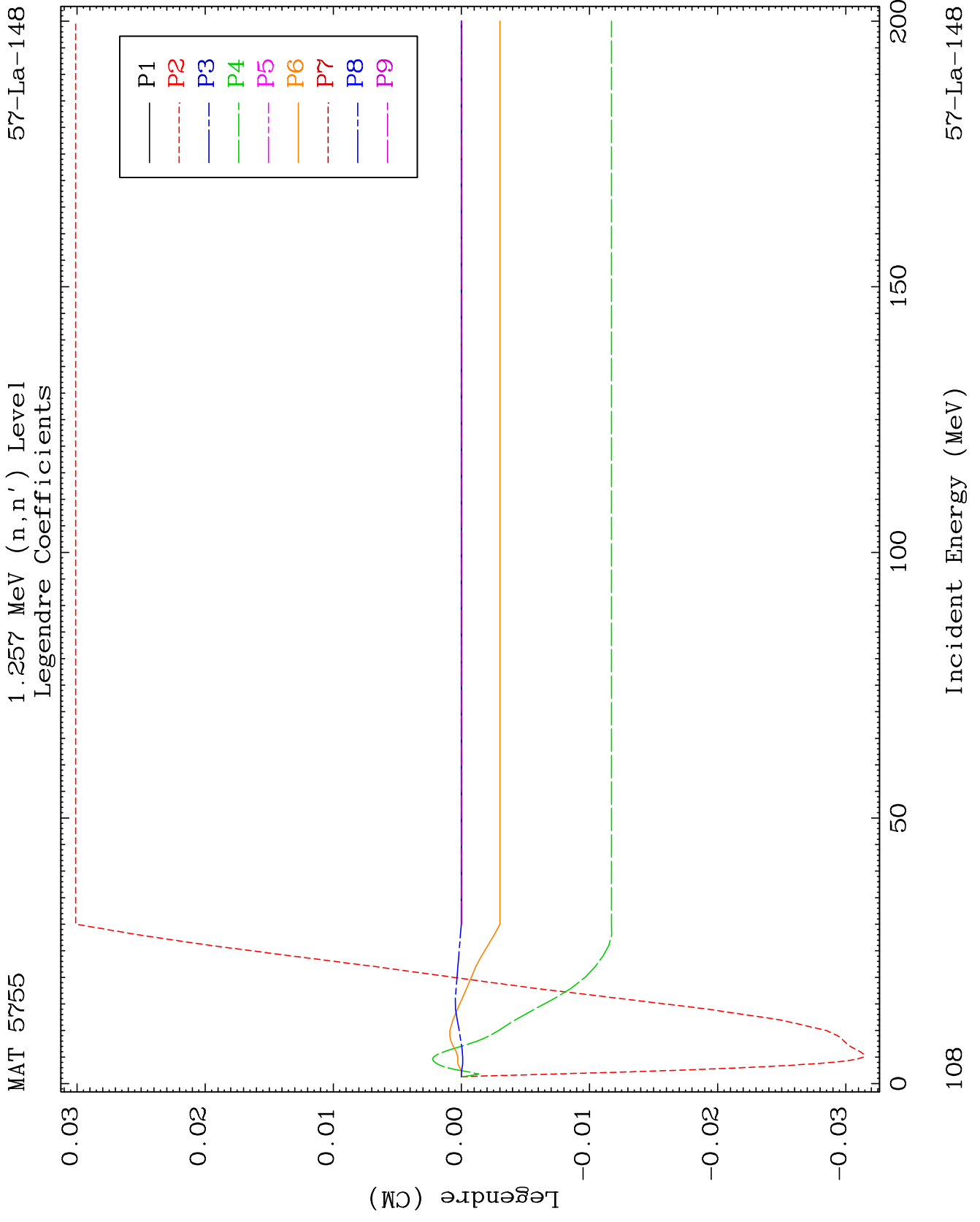








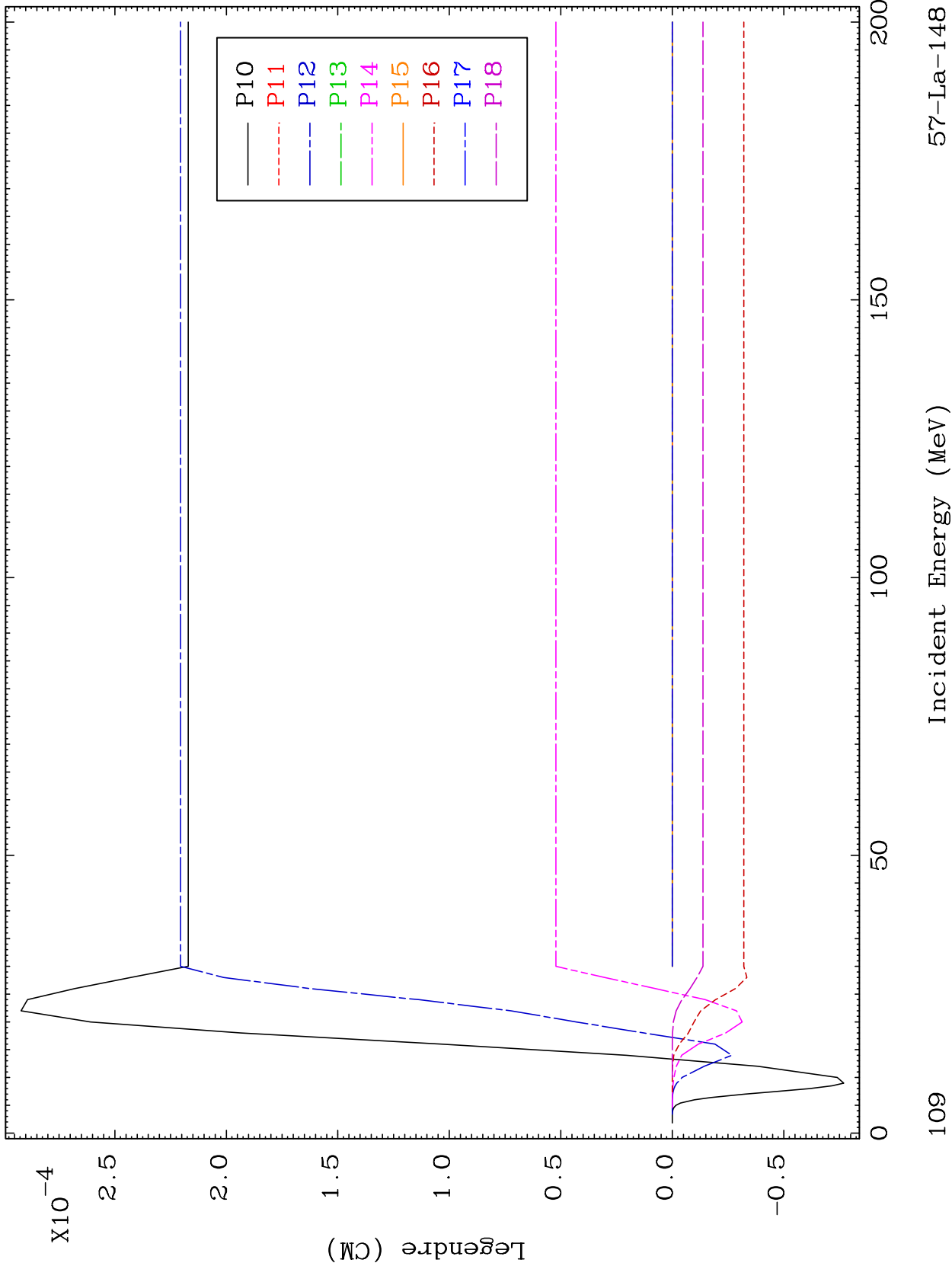




MAT 5755

1.257 MeV (n,n') Level
Legendre Coefficients

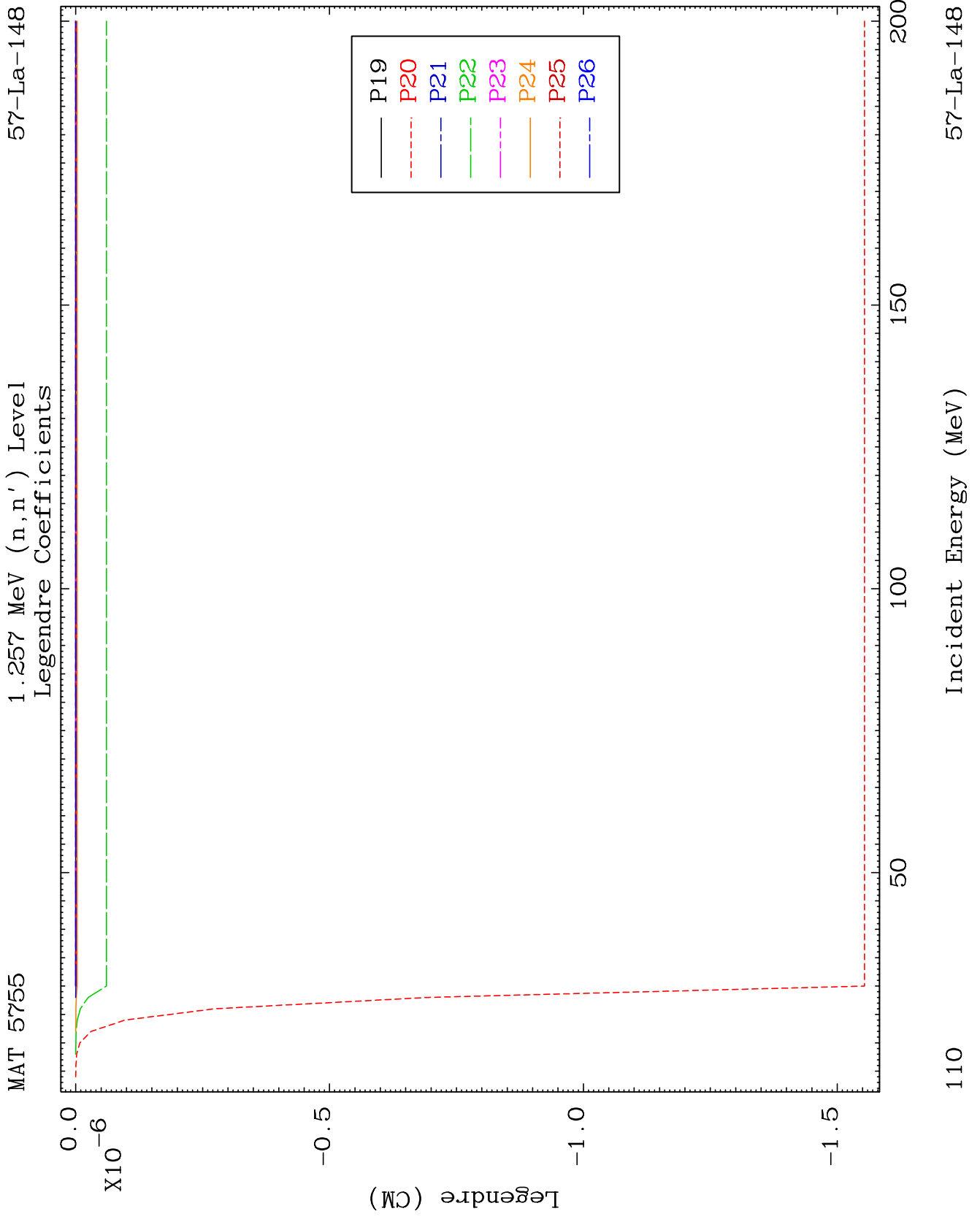
57-La-148



57-La-148

Incident Energy (MeV)

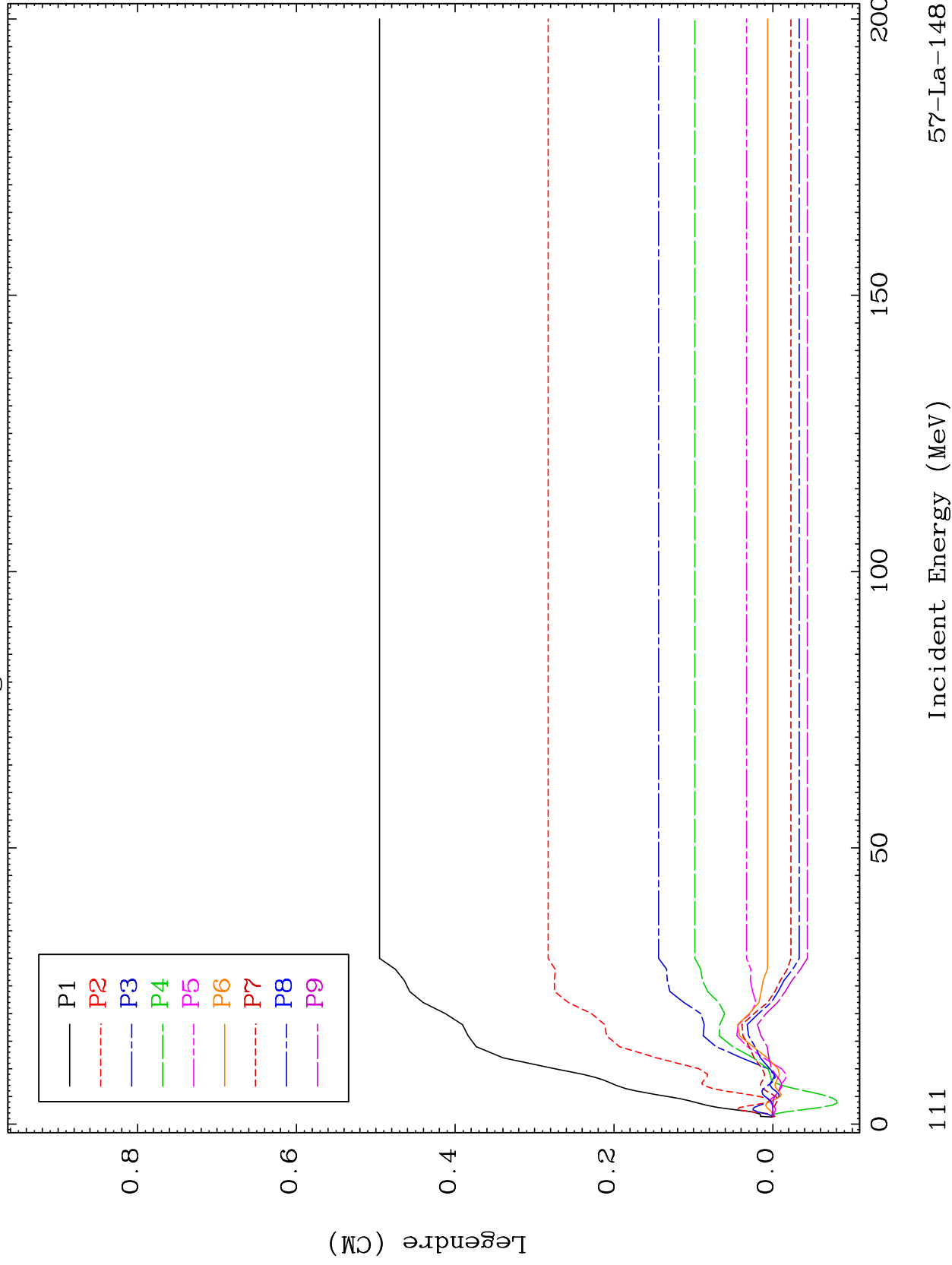
109



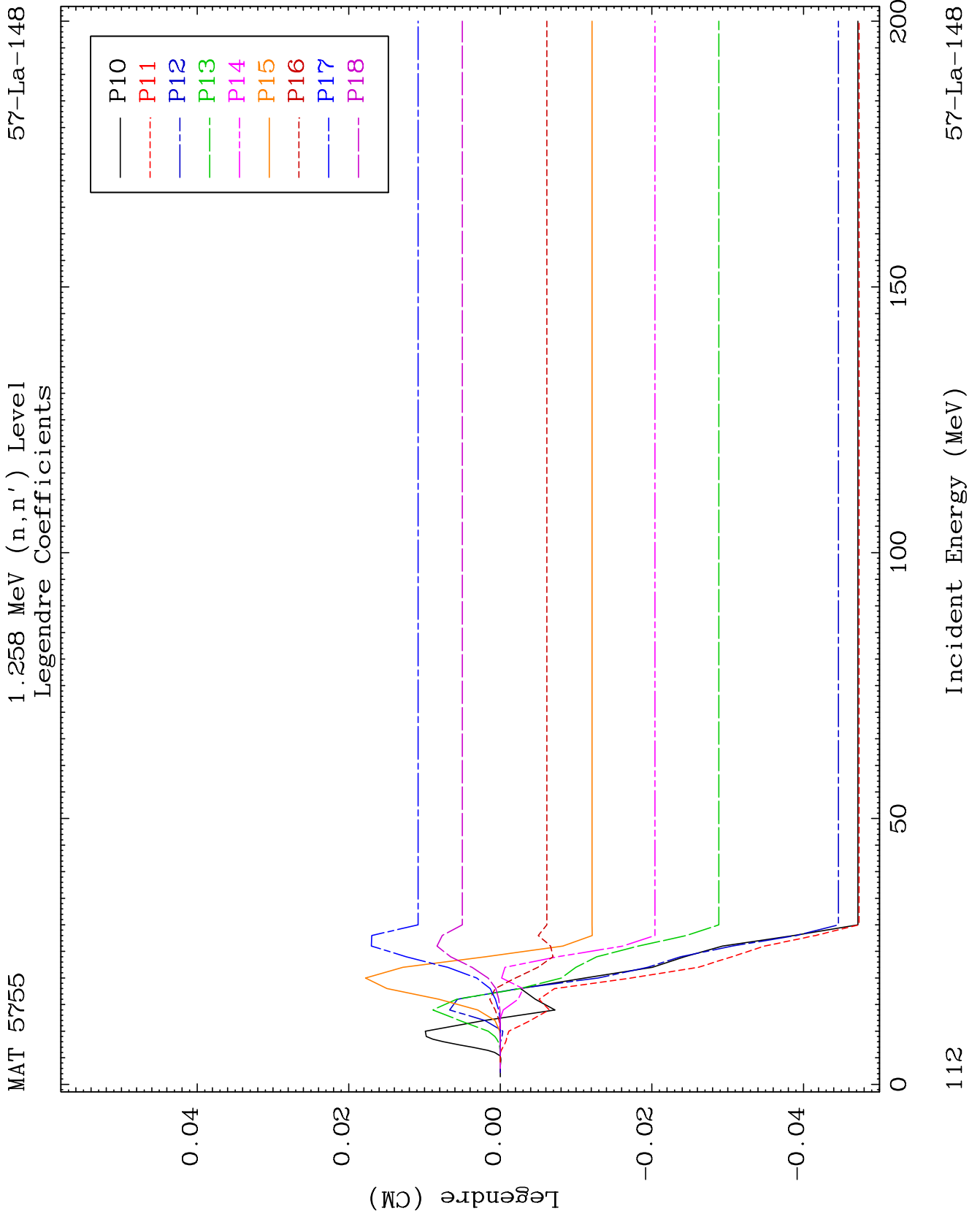
MAT 5755

1.258 MeV (n,n') Level
Legendre Coefficients

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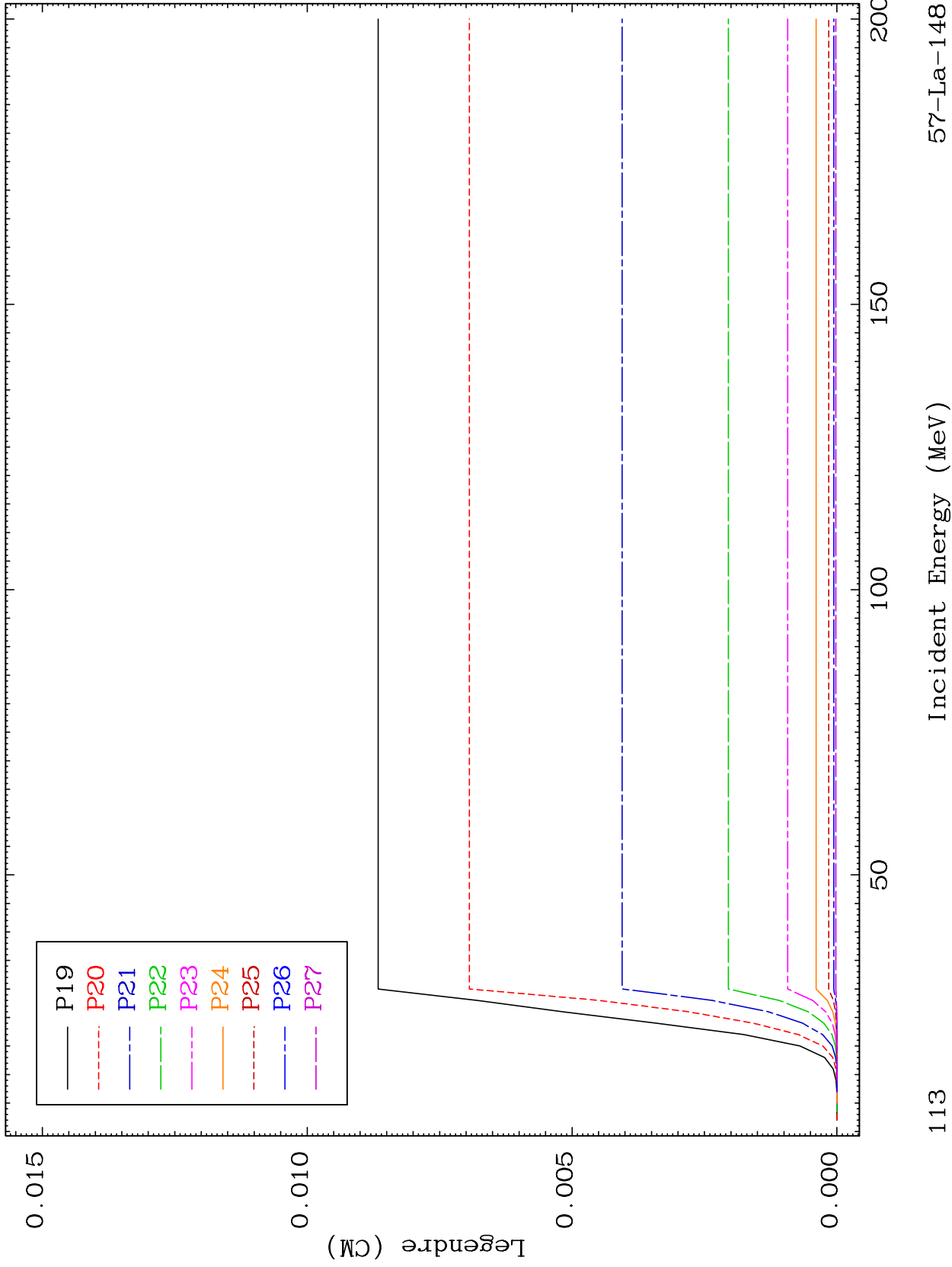
111

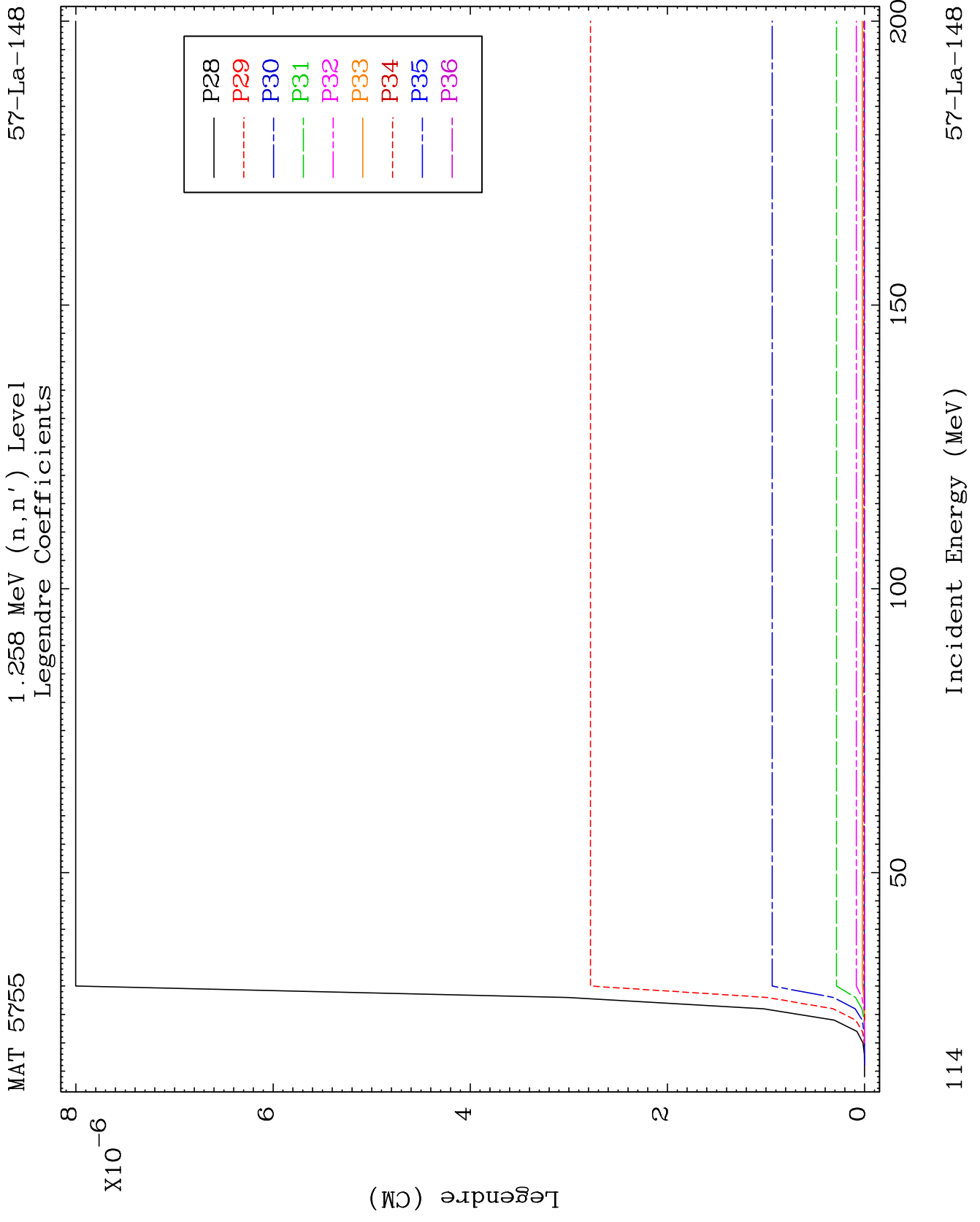


MAT 5755

1.258 MeV (n,n') Level
Legendre Coefficients

57-La-148



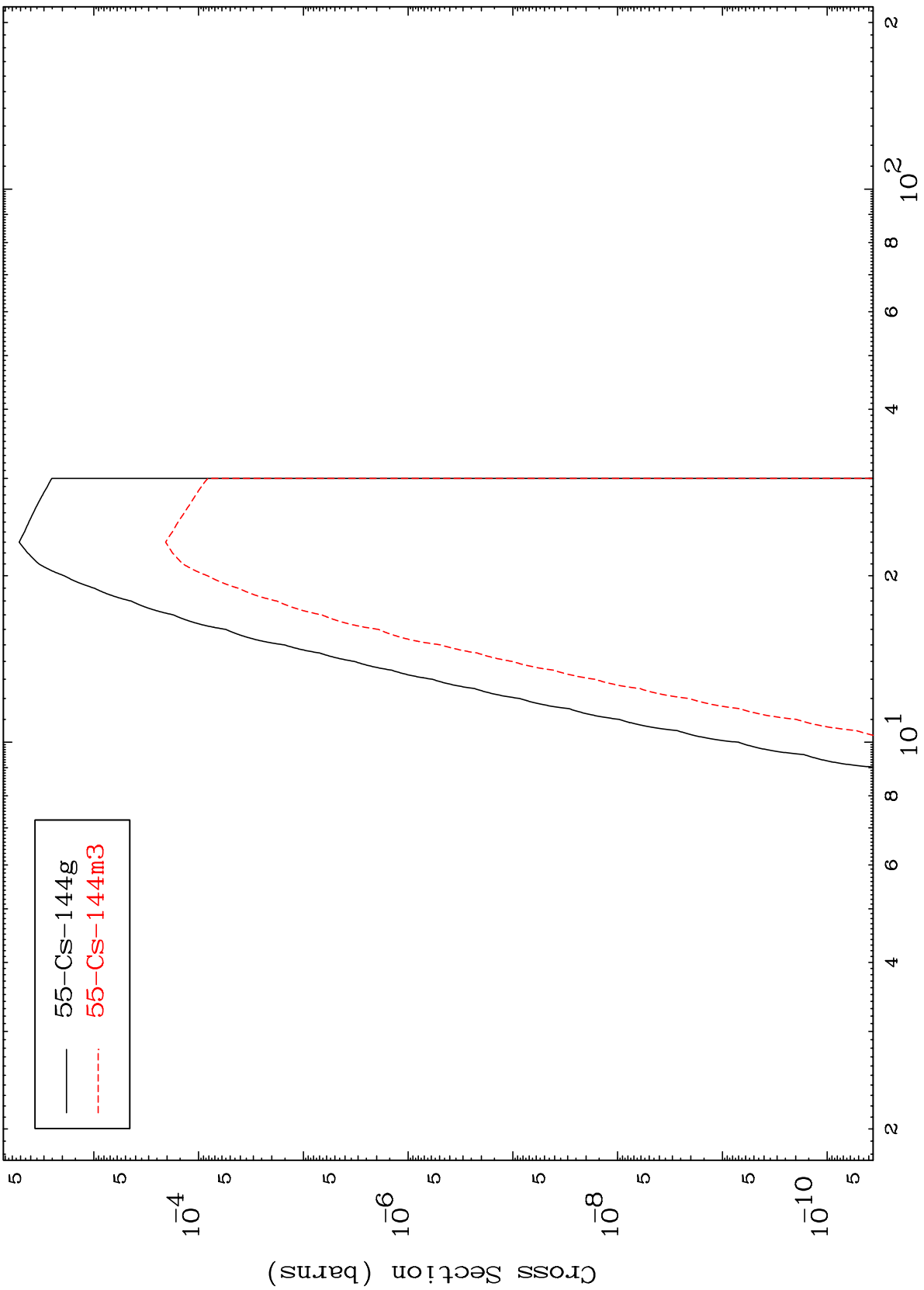


MAT 5755

(n,n') α

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Radionuclide Production Cross Section



55-Cs-144g
55-Cs-144m3

116

Incident Energy (MeV)

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