

Program EVALPLOT
(Version 2021-1)

by

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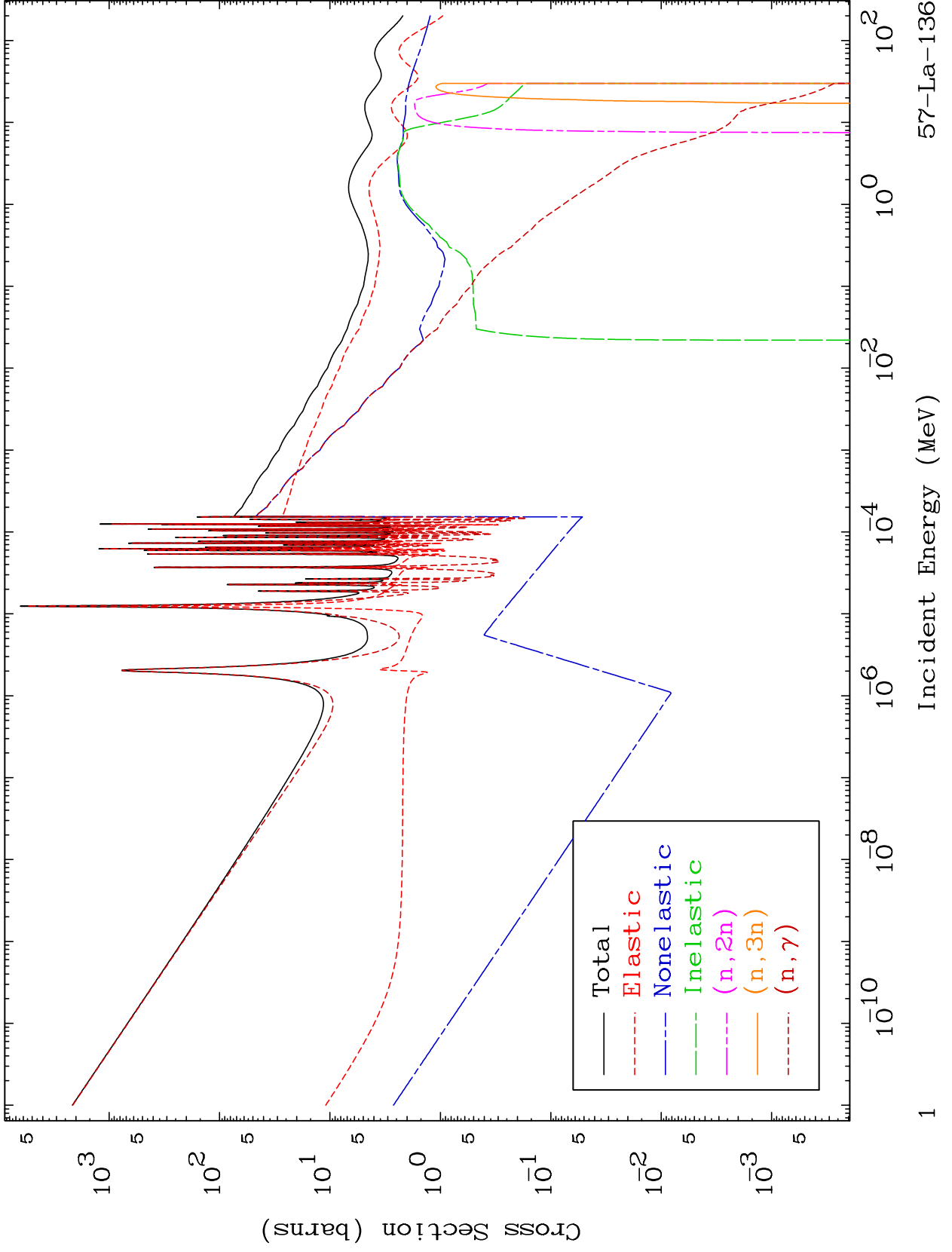
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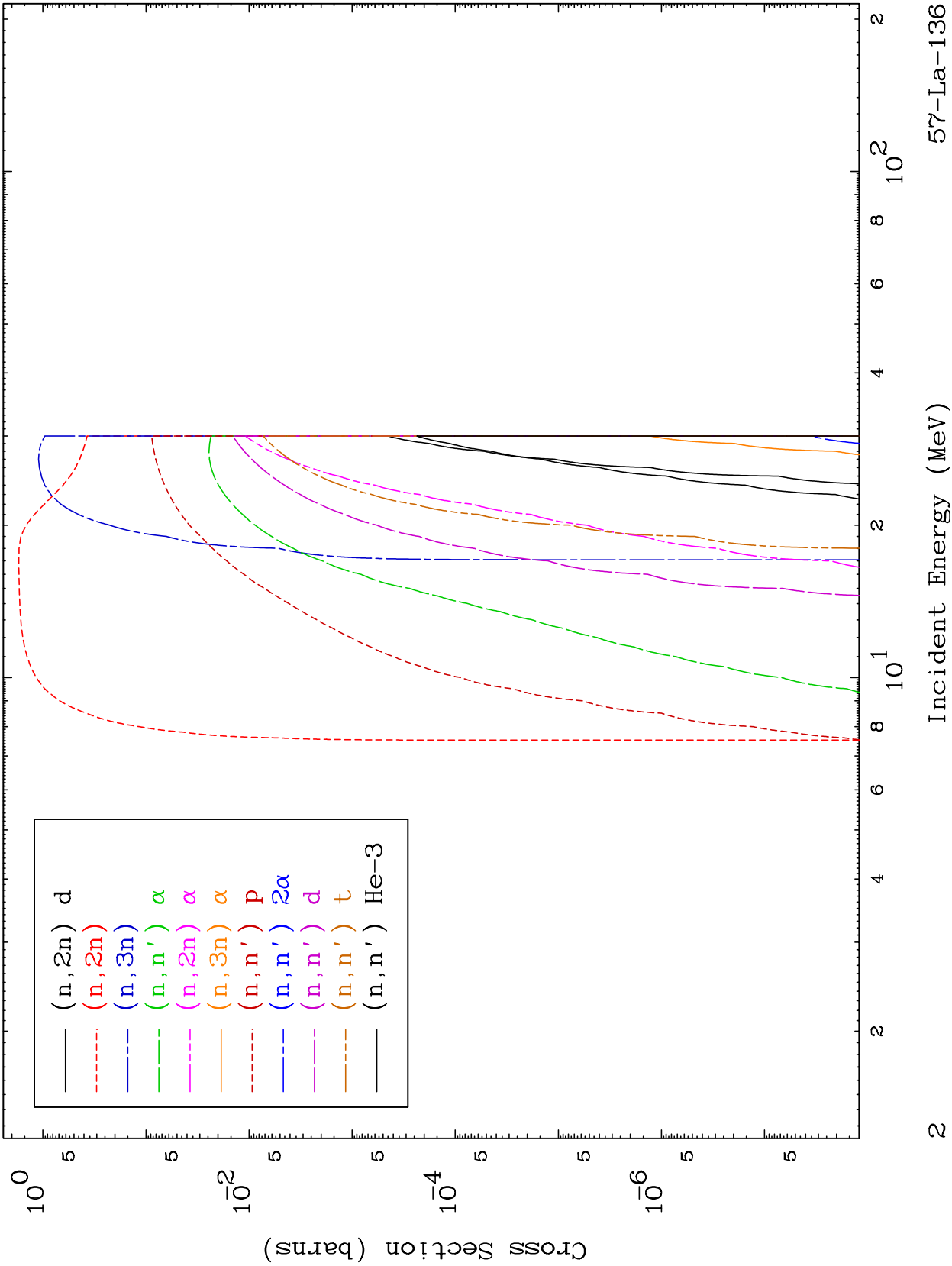
Press Mouse Button to Start

MAT 5719

Neutron Major
293 Kelvin Cross Sections

57-La-136

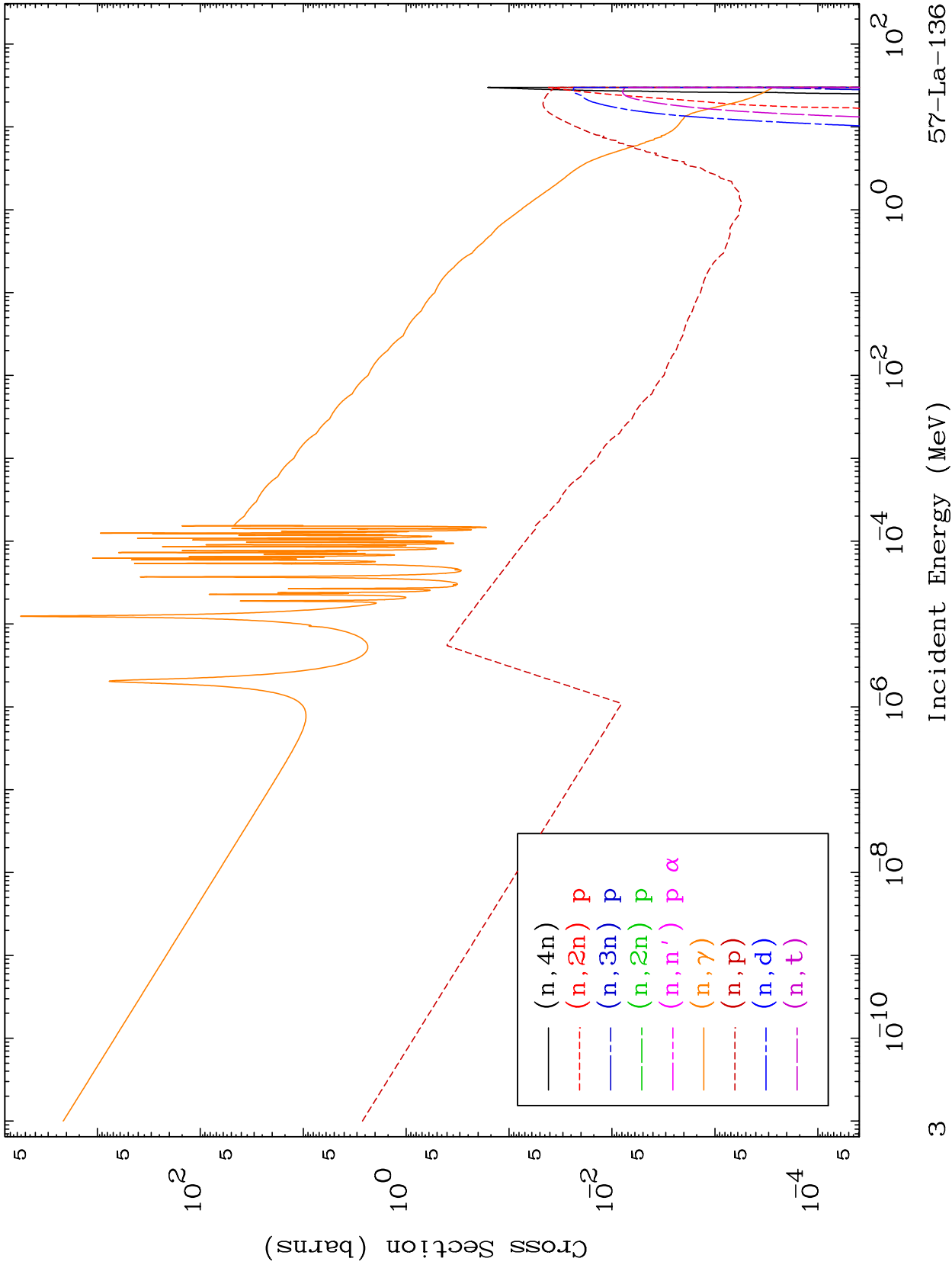


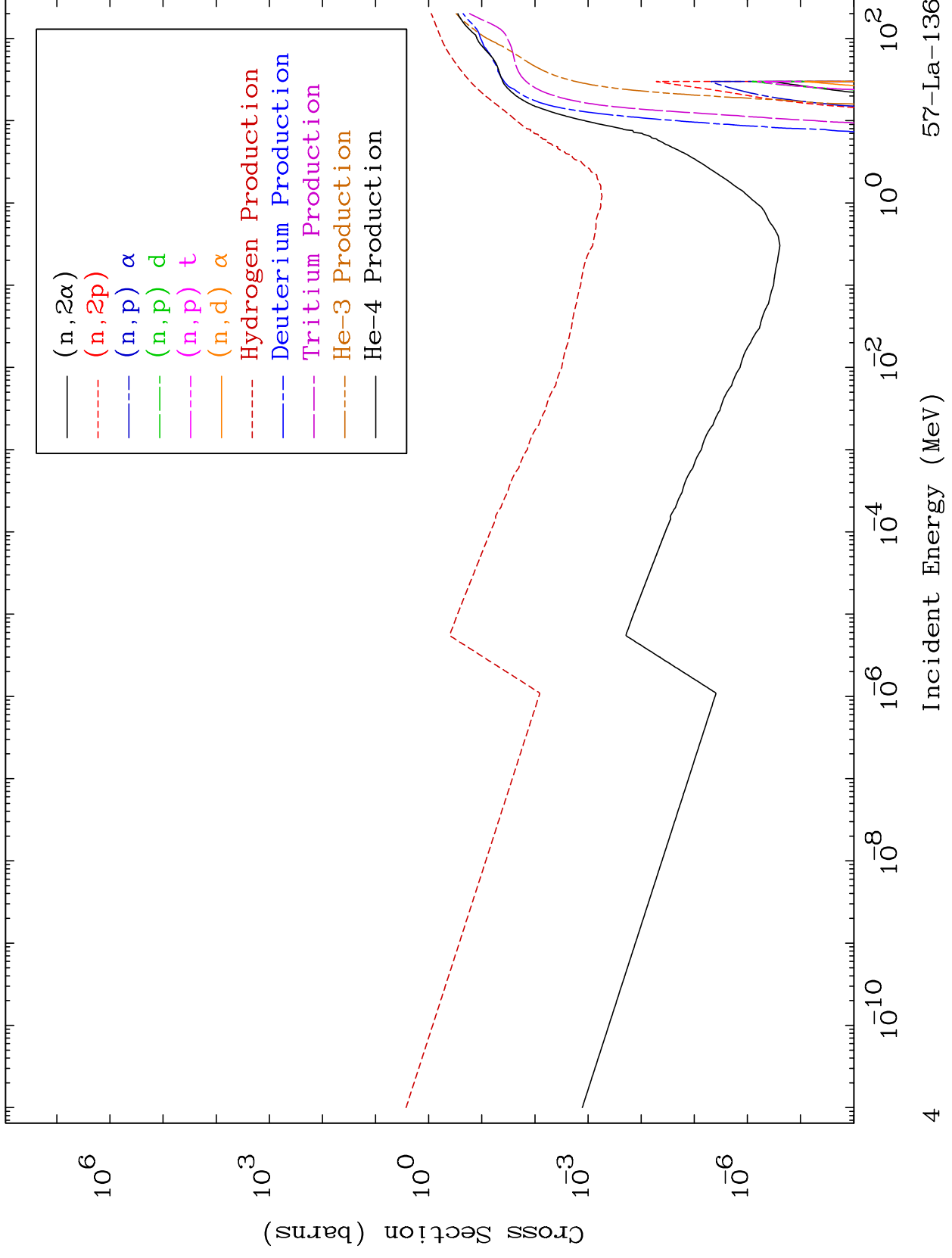


MAT 5719

Neutron Absorption
293 Kelvin Cross Sections

57-La-136

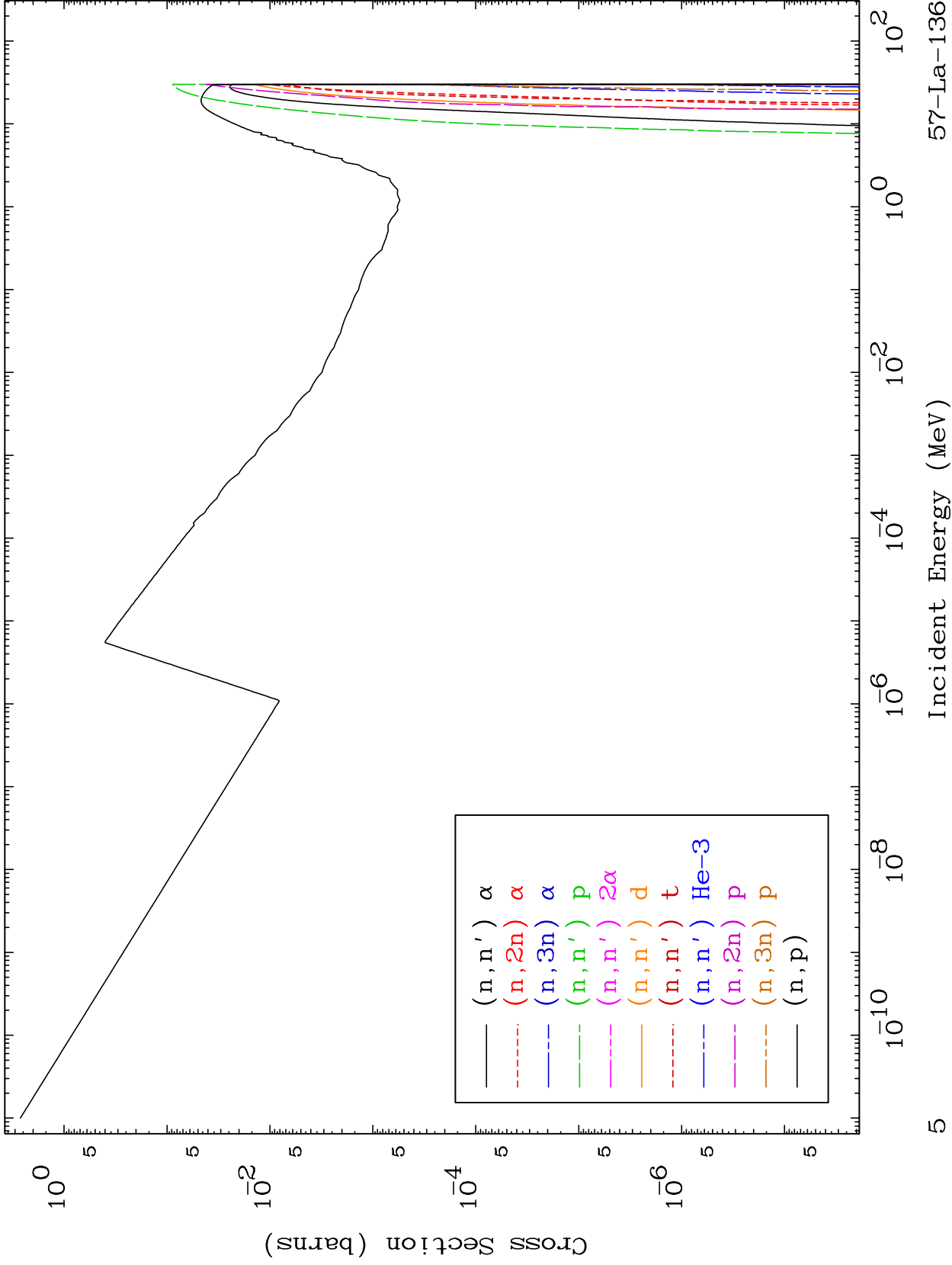




MAT 5719

Charged Particle
293 Kelvin Cross Sections

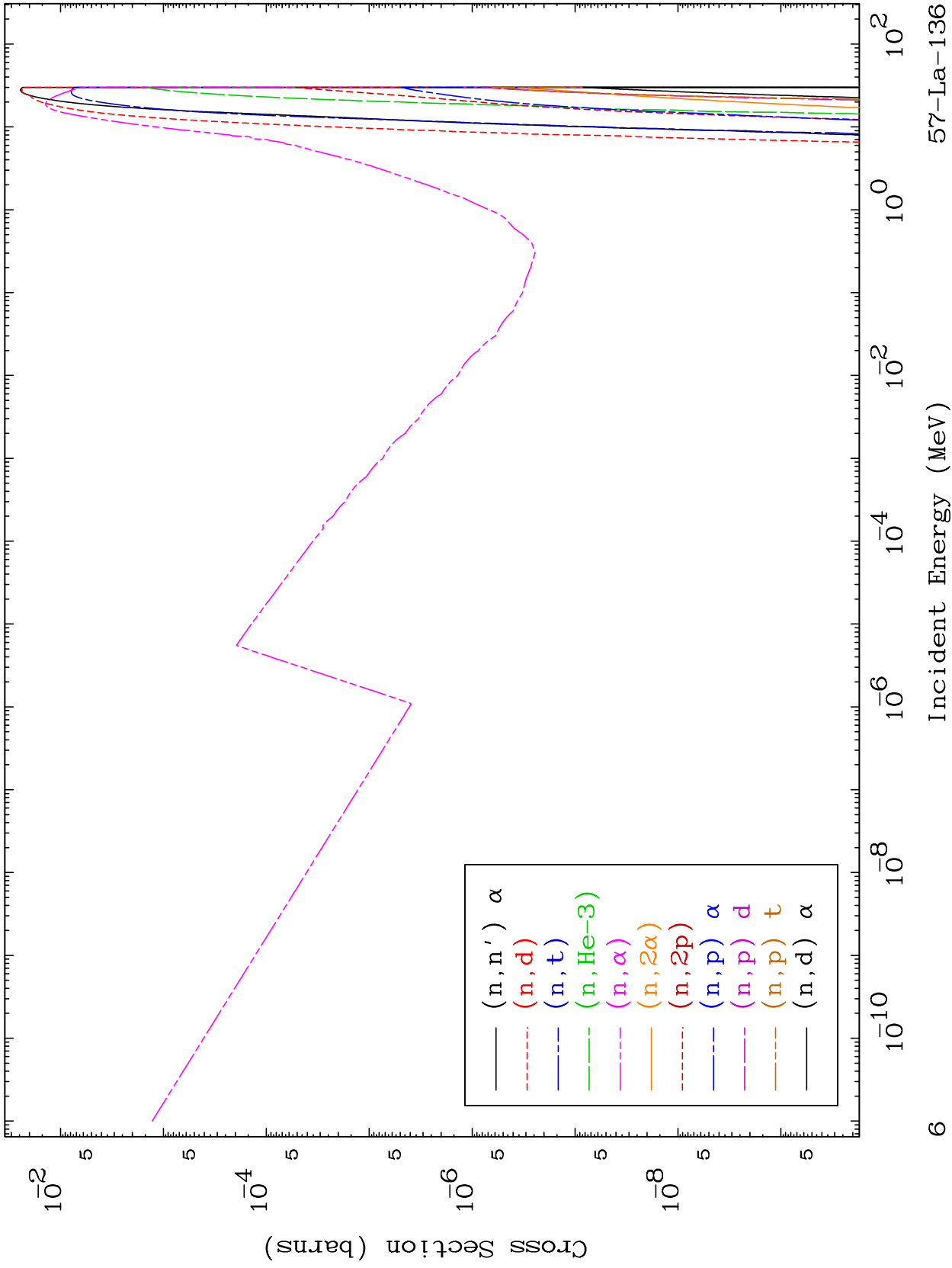
57-La-136



MAT 5719

Charged Particle
293 Kelvin Cross Sections

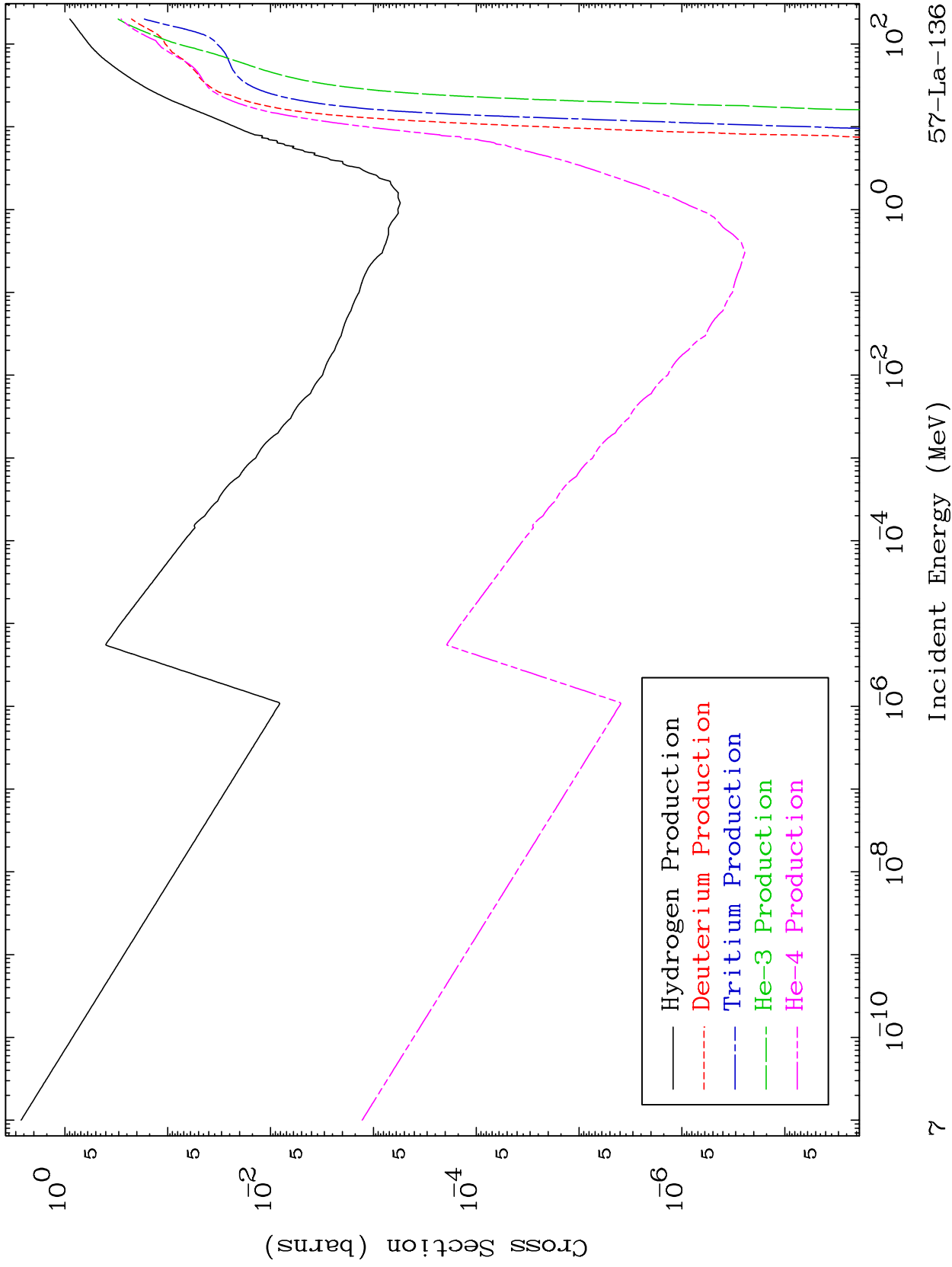
57-La-136

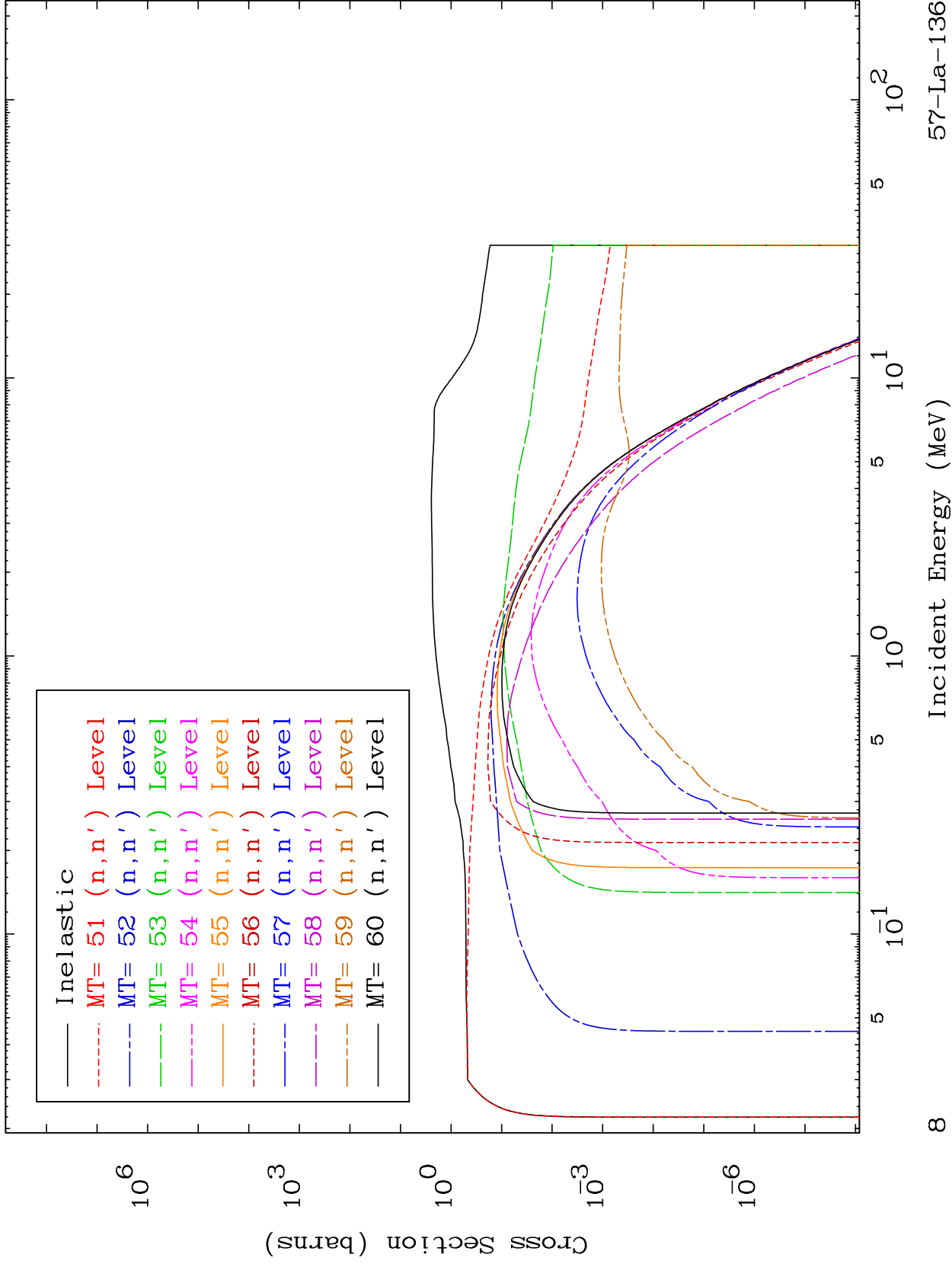


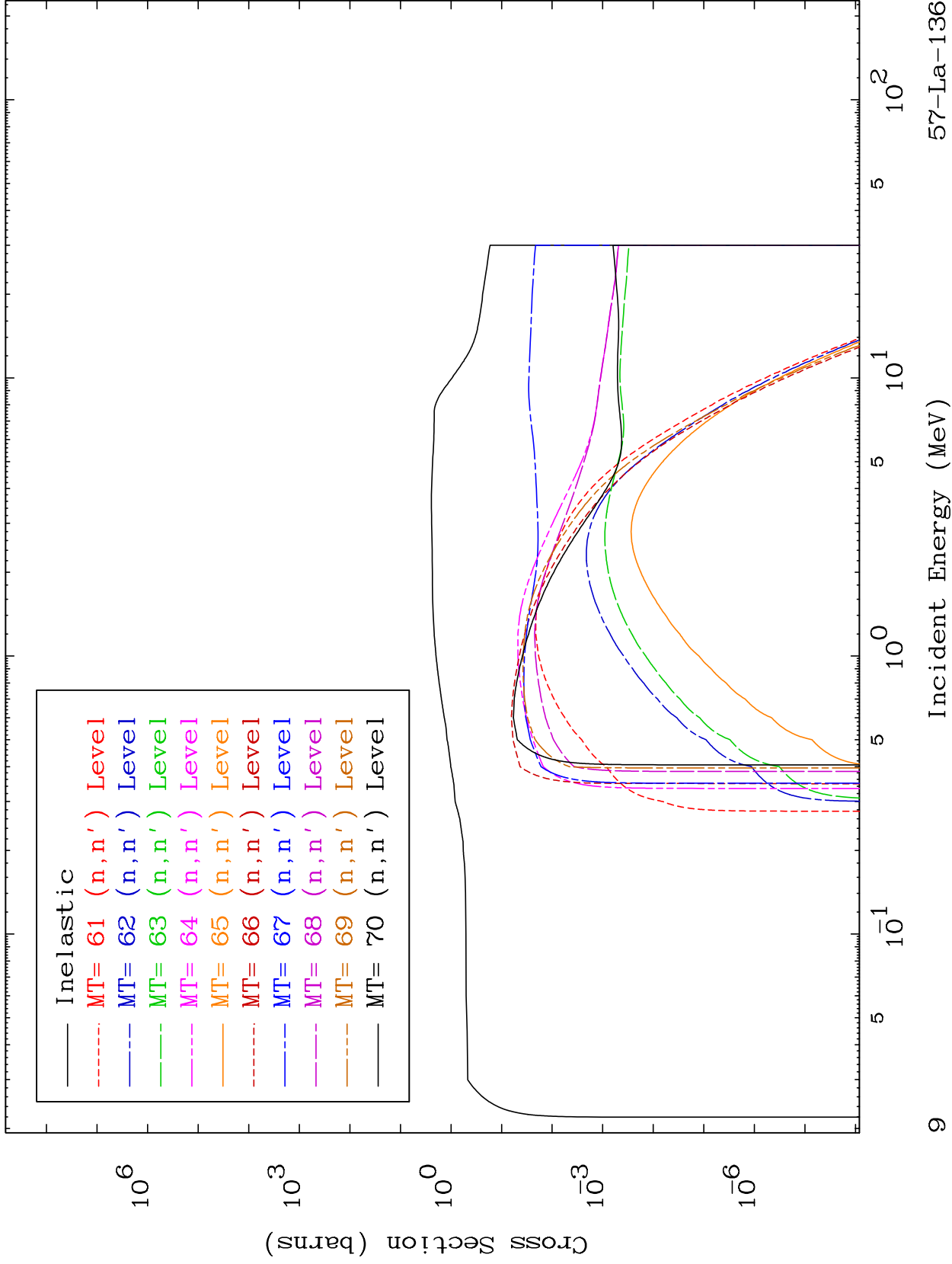
MAT 5719

Particle Production
293 Kelvin Cross Sections

57-La-136



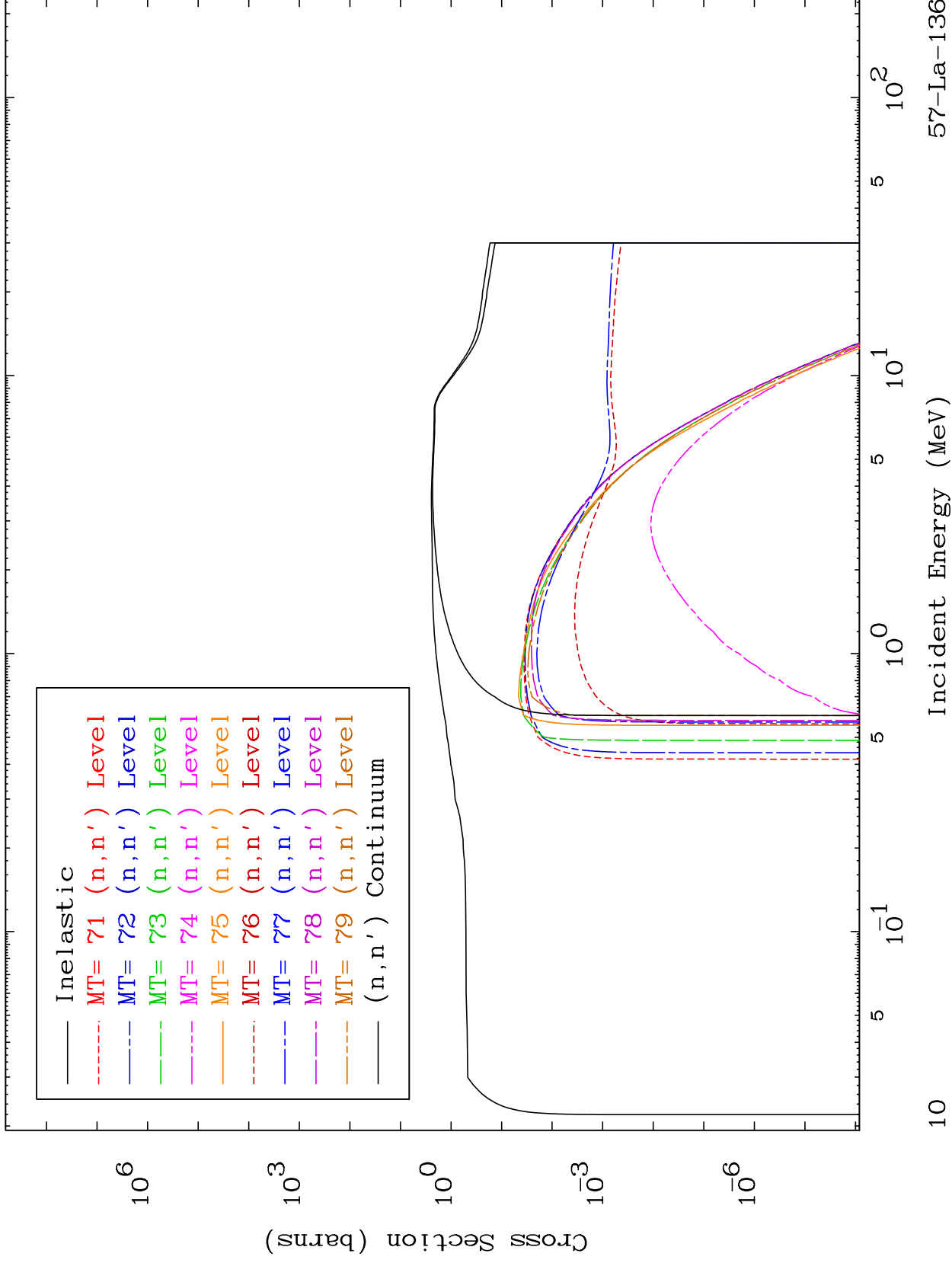




MAT 5719

(n,n') Levels
293 Kelvin Cross Sections

57-La-136



10

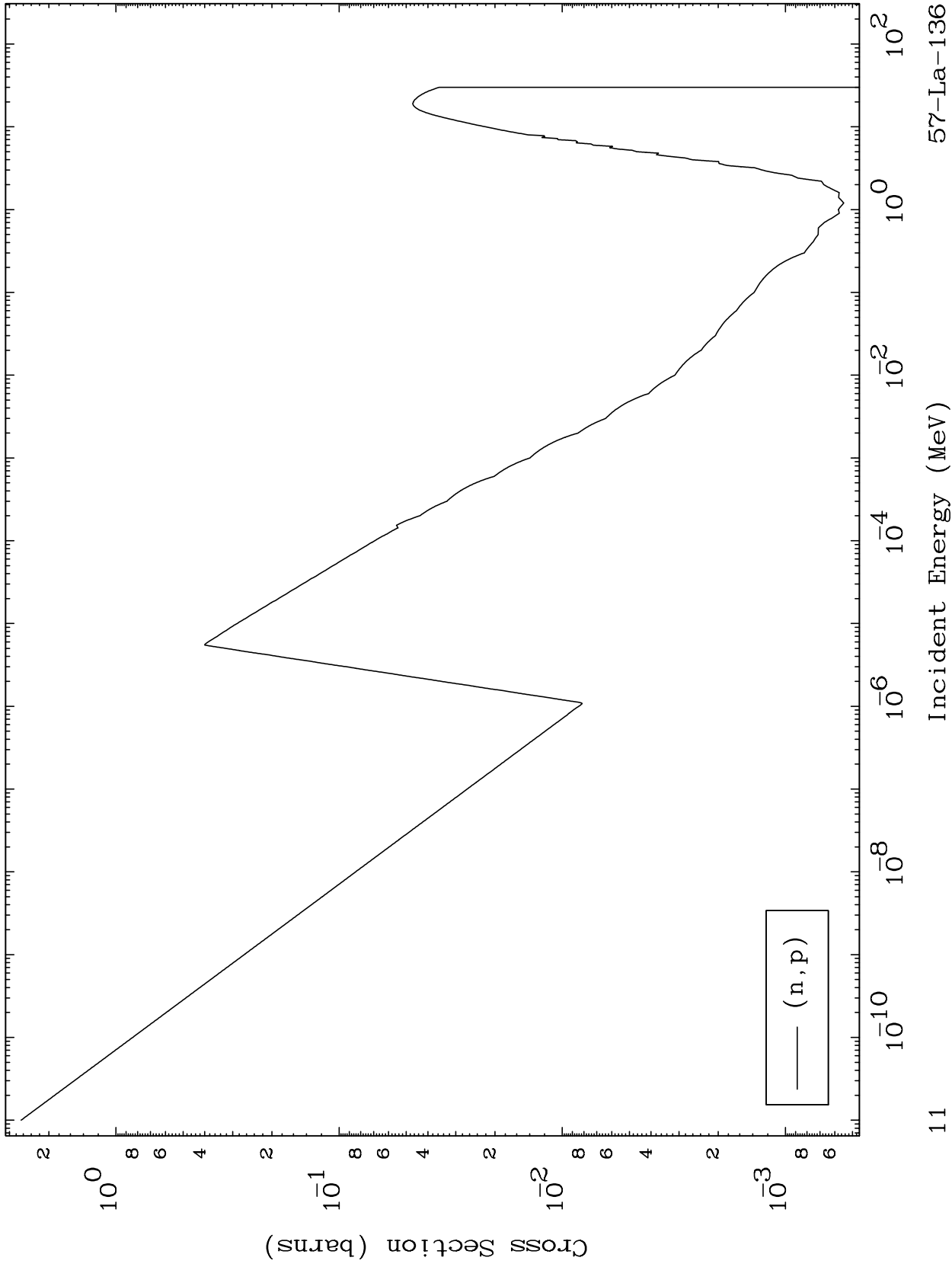
Incident Energy (MeV)

57-La-136

MAT 5719

(n,p) Levels
293 Kelvin Cross Sections

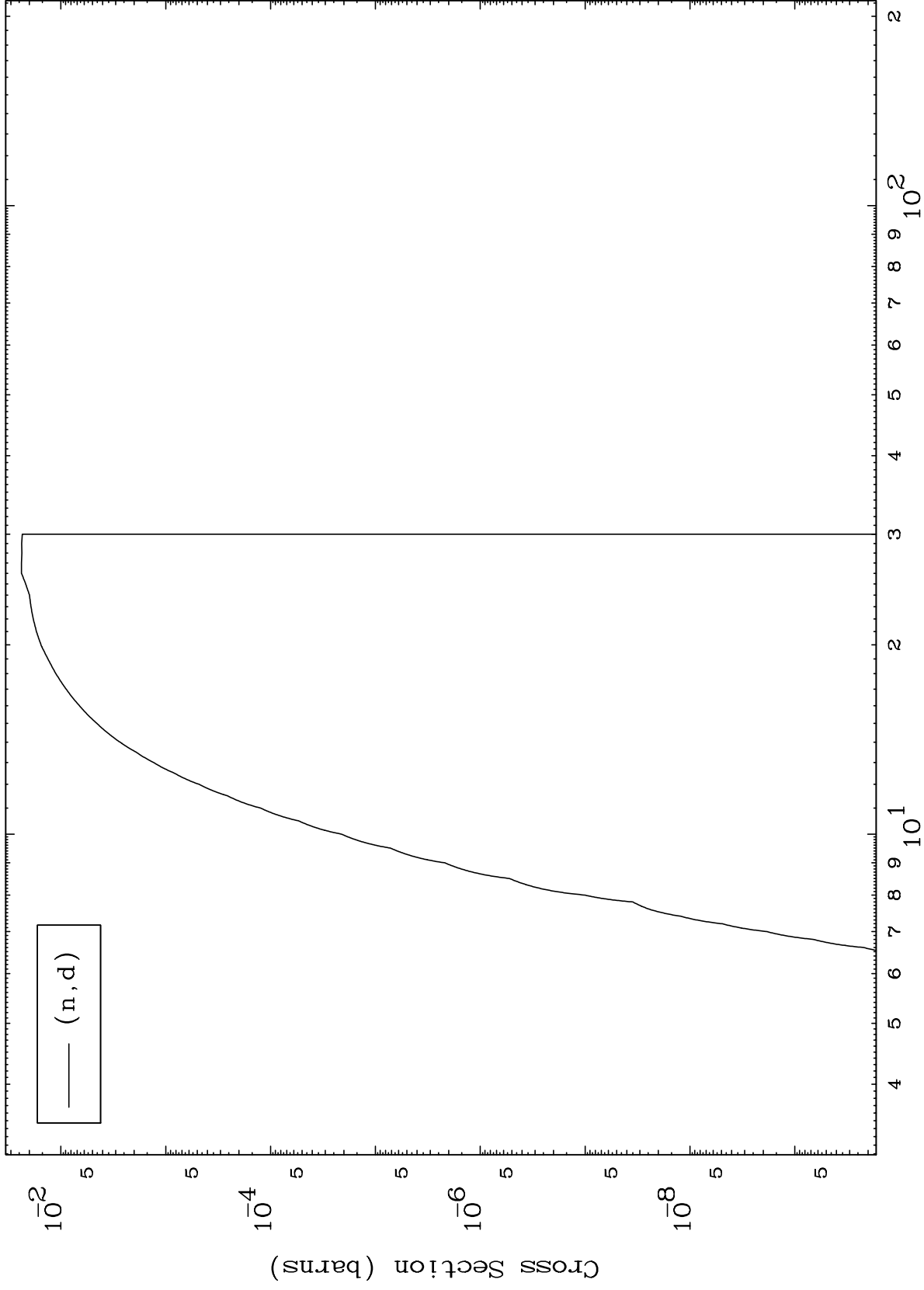
57-La-136



MAT 5719

(n,d) Levels
293 Kelvin Cross Sections

57-La-136



12

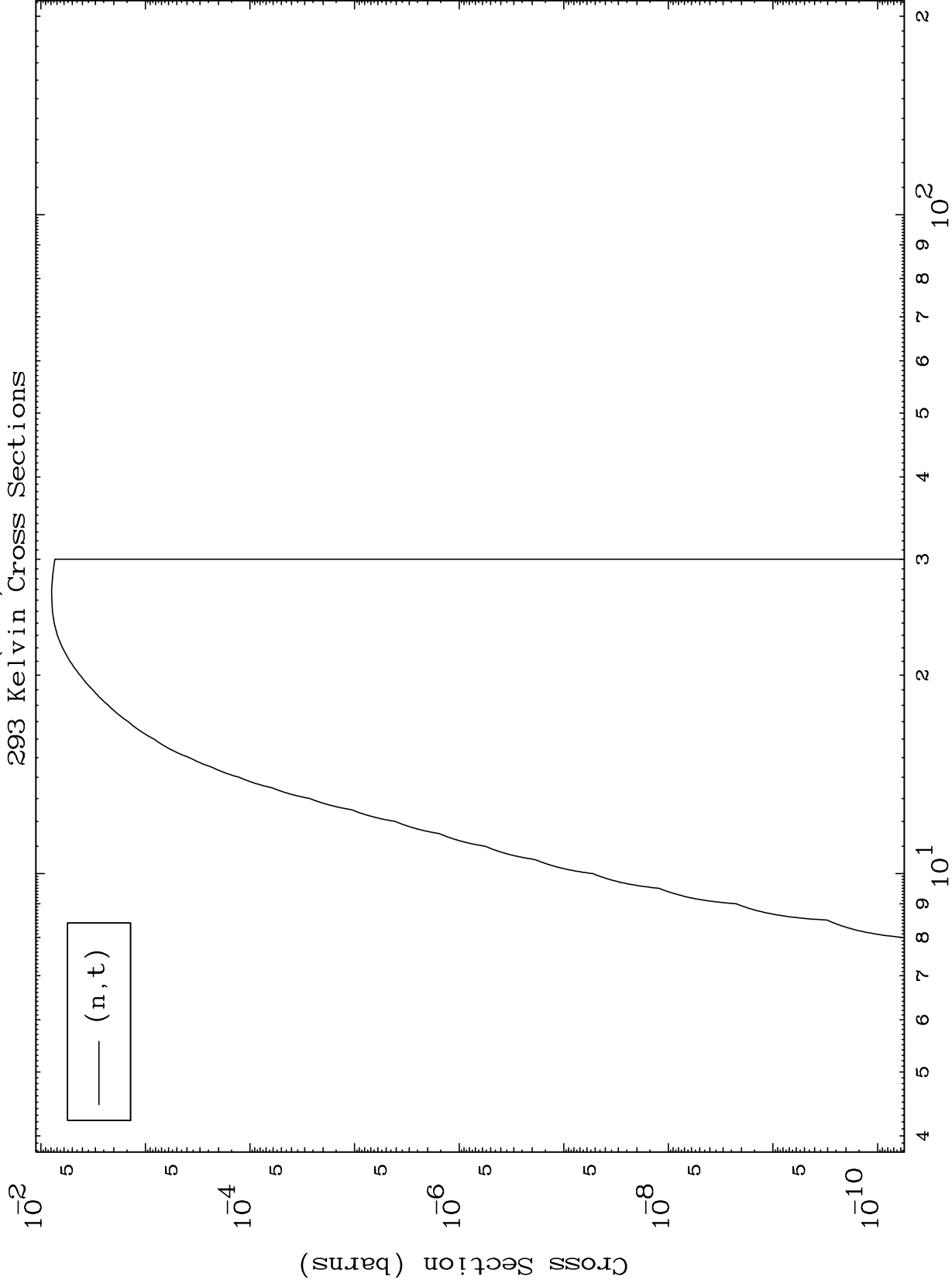
Incident Energy (MeV)

57-La-136

MAT 5719

(n,t) Levels
293 Kelvin Cross Sections

57-La-136



13

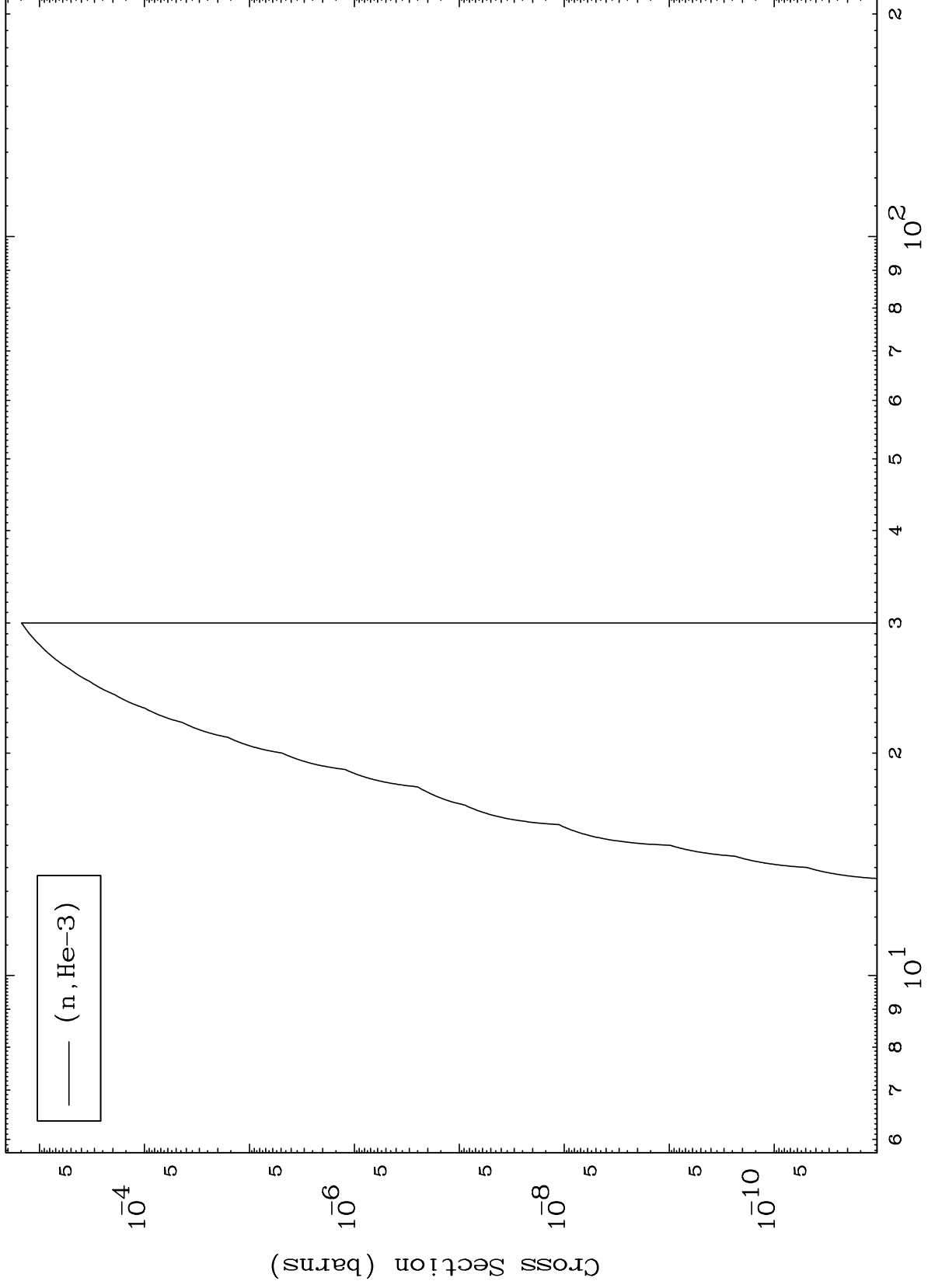
Incident Energy (MeV)

57-La-136

MAT 5719

(n,He3) Levels
293 Kelvin Cross Sections

57-La-136



14

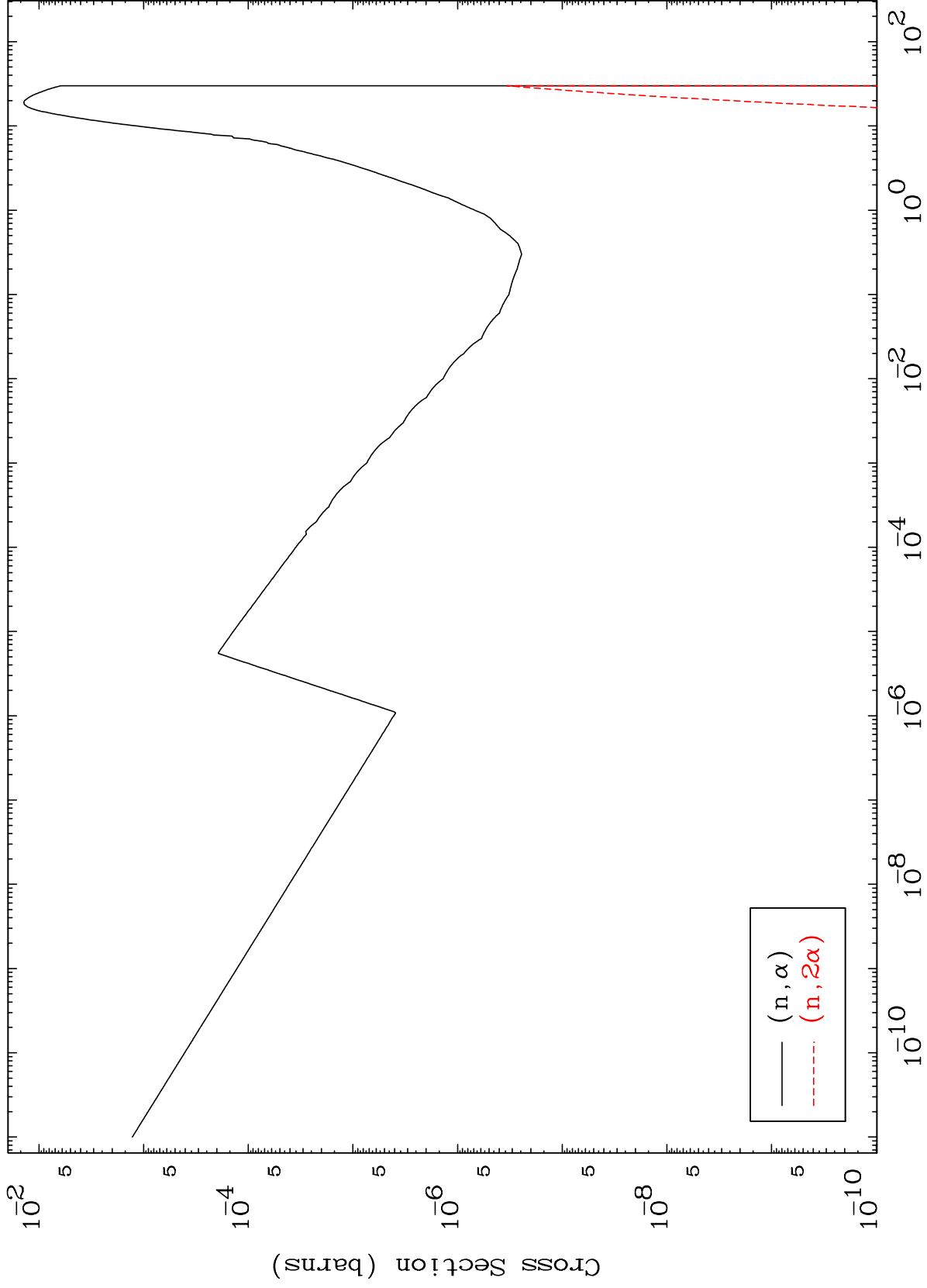
Incident Energy (MeV)

57-La-136

MAT 5719

(n,α) Levels
293 Kelvin Cross Sections

57-La-136



15

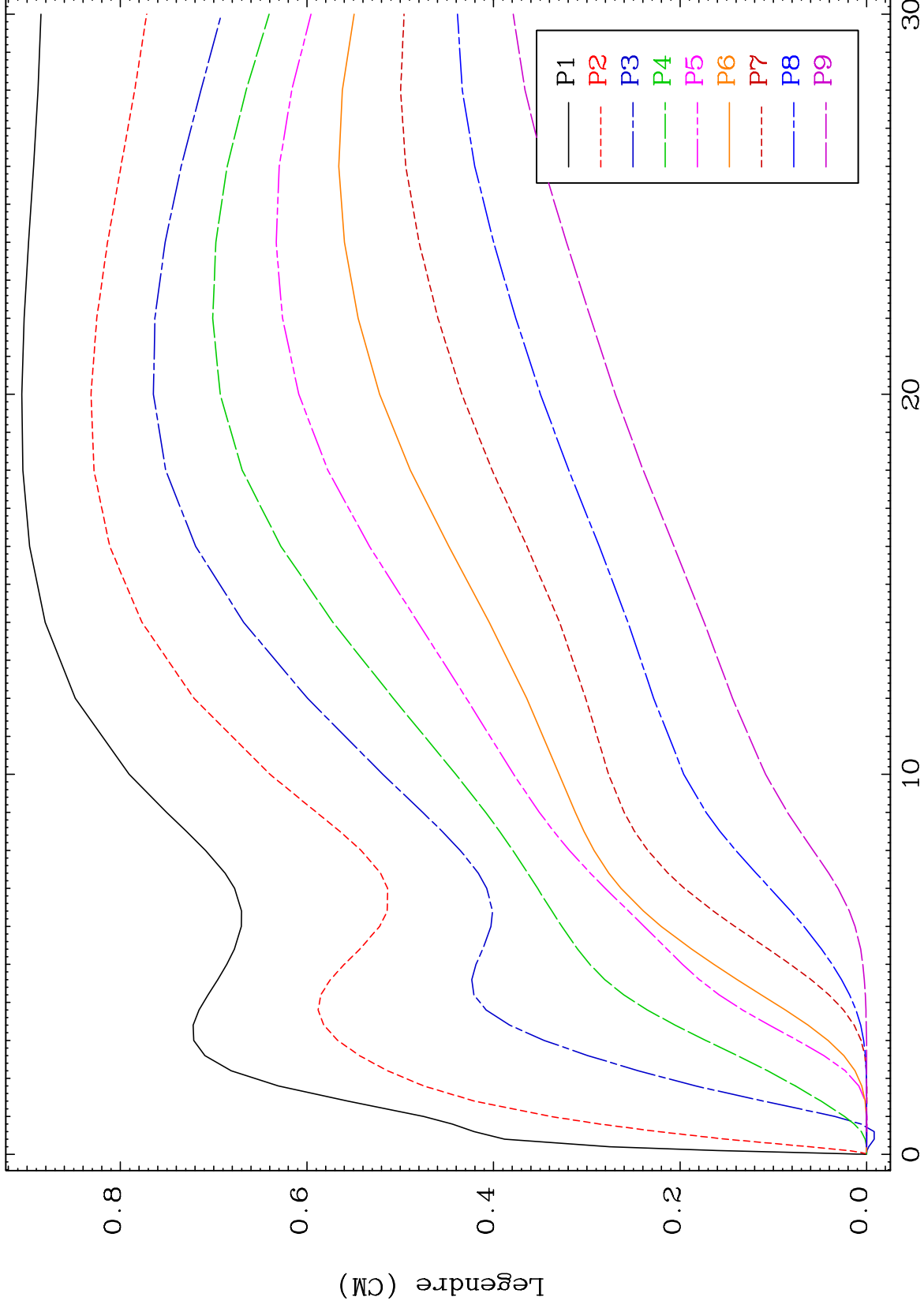
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

Elastic Legendre Coefficients



57-La-136

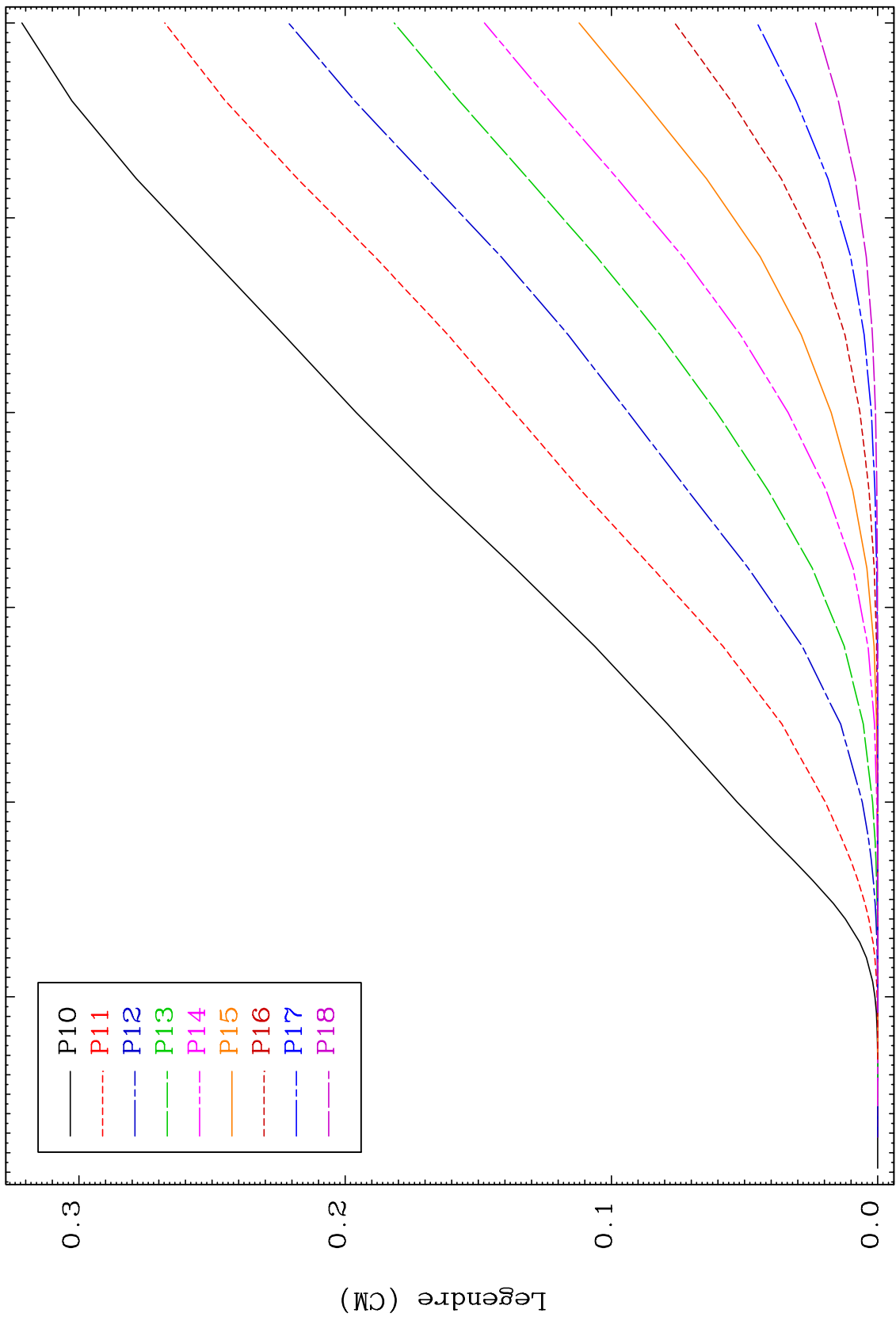
Incident Energy (MeV)

16

MAT 5719

Elastic Legendre Coefficients

57-La-136



17

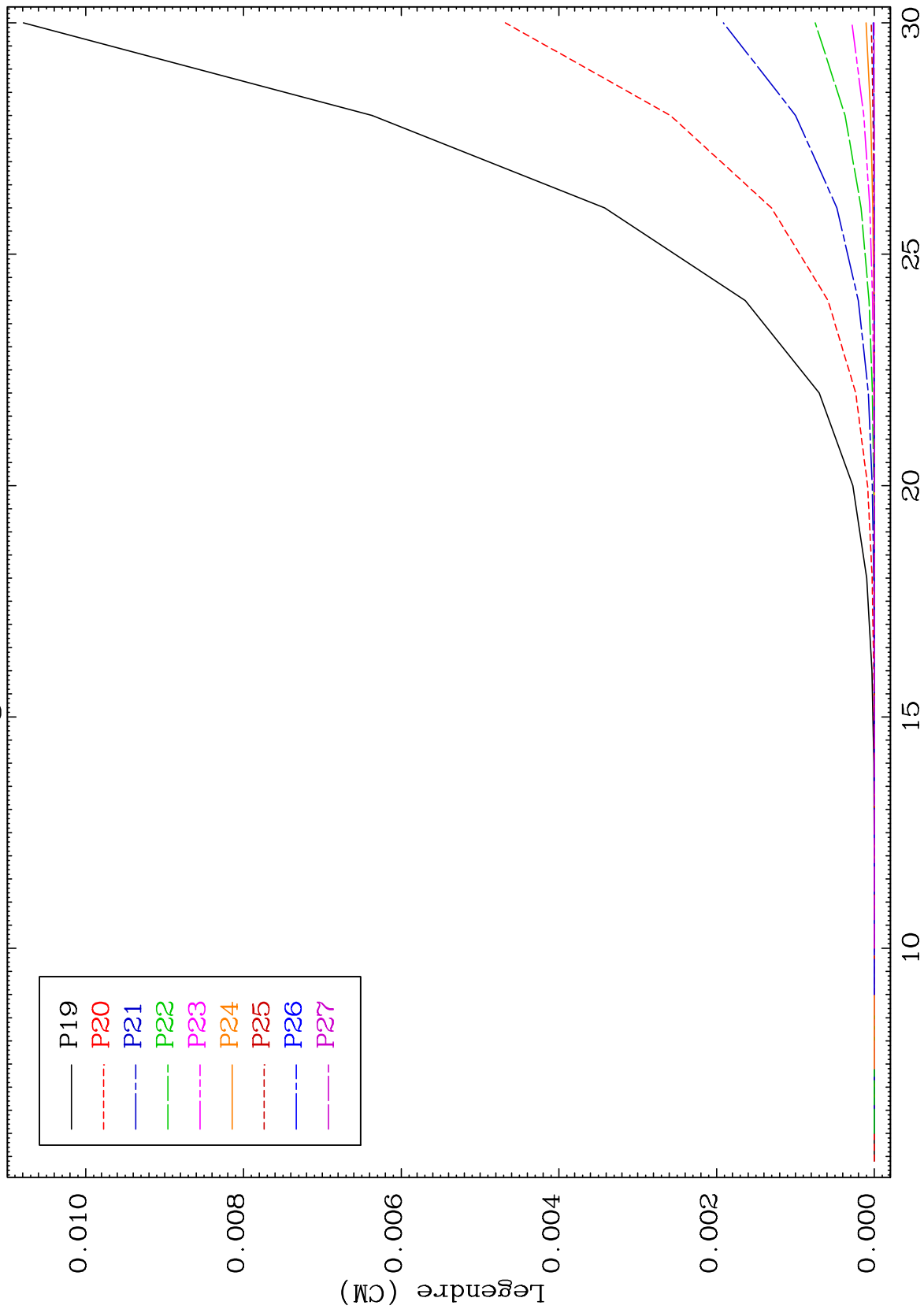
57-La-136

Incident Energy (MeV)

MAT 5719

Elastic Legendre Coefficients

57-La-136



18

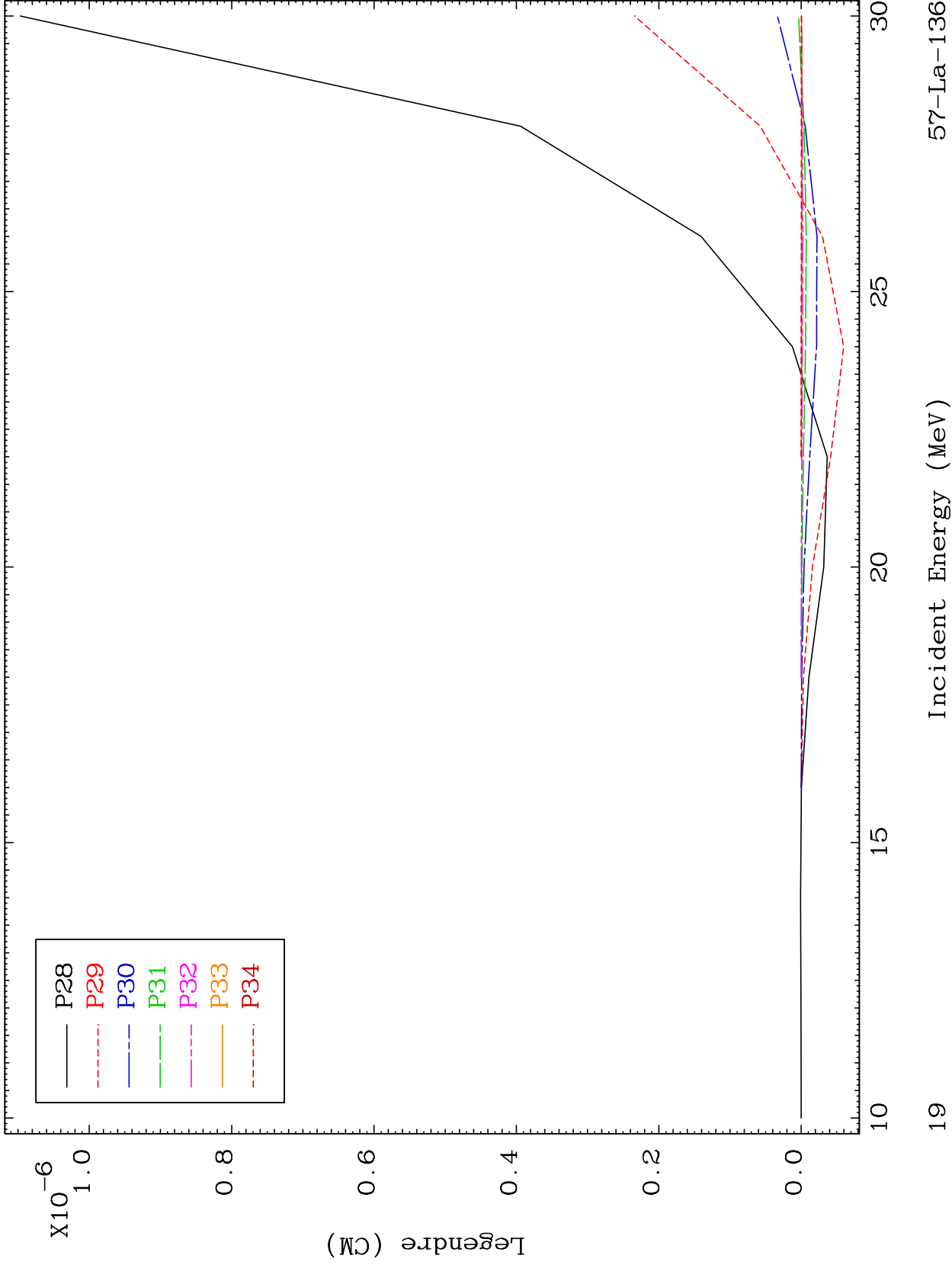
Incident Energy (MeV)

57-La-136

MAT 5719

Elastic Legendre Coefficients

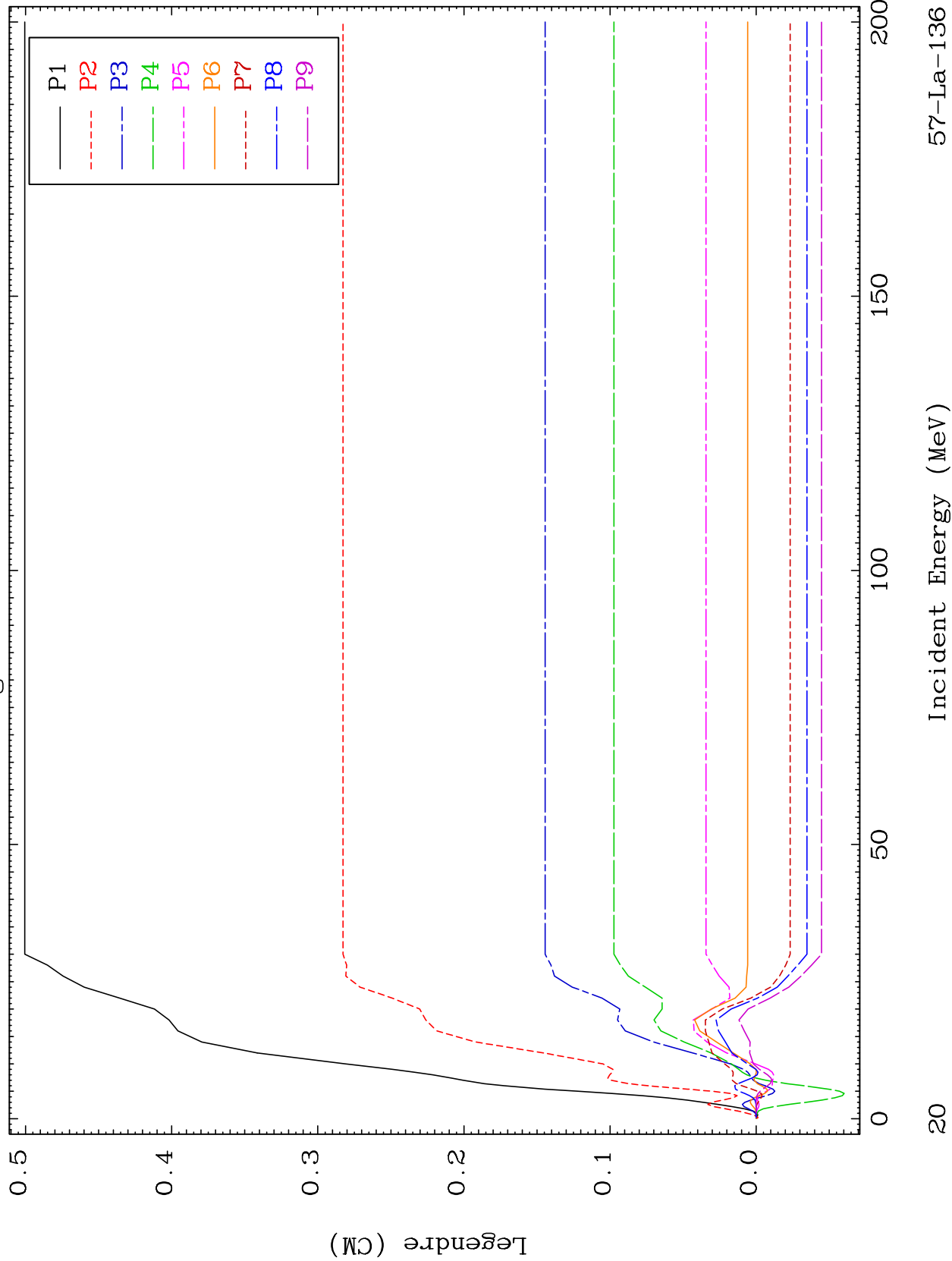
57-La-136



MAT 5719

MT= 51 (n,n') Level
Legendre Coefficients

57-La-136



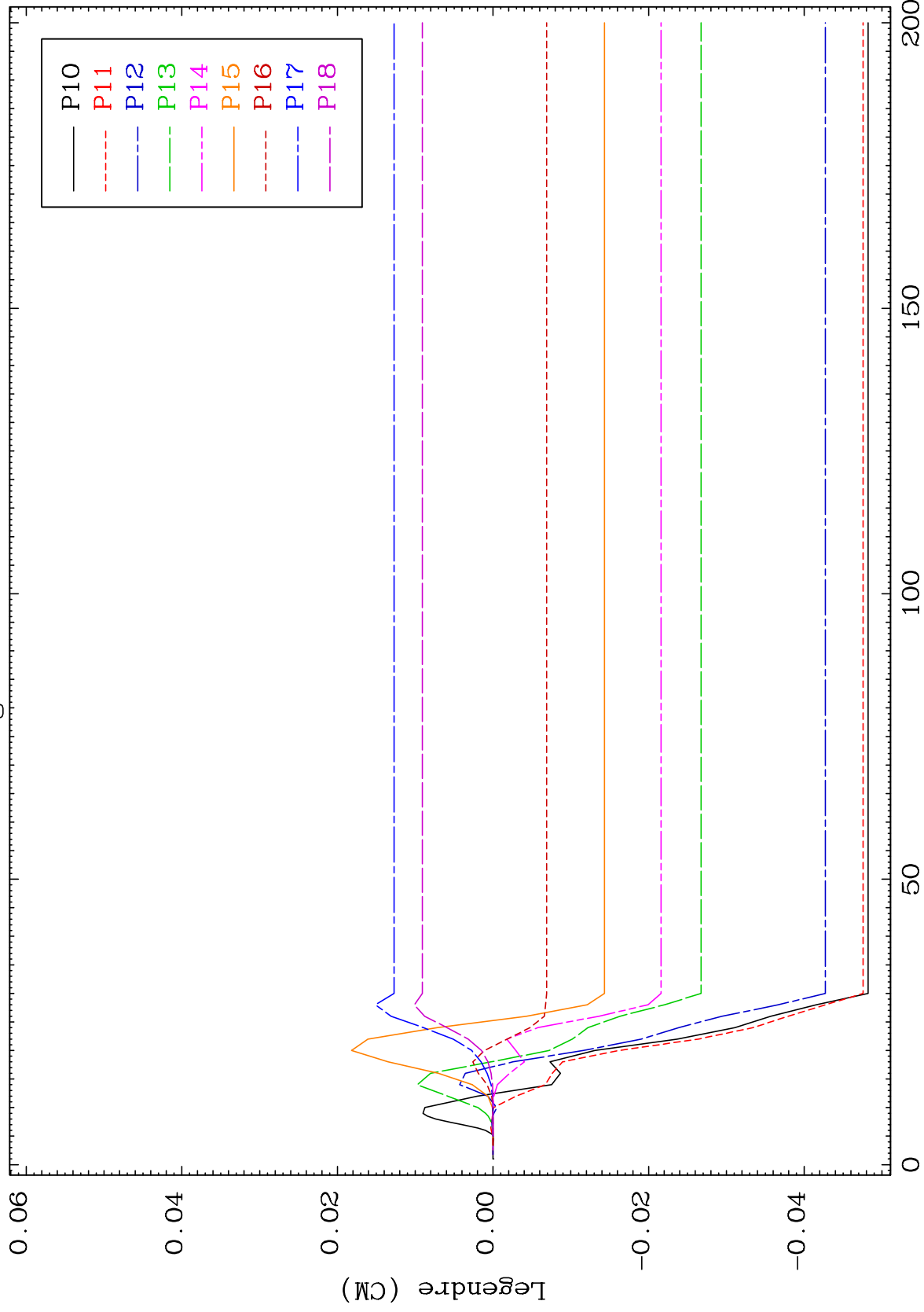
57-La-136

Incident Energy (MeV)

MAT 5719

MT= 51 (n,n') Level
Legendre Coefficients

57-La-136



21

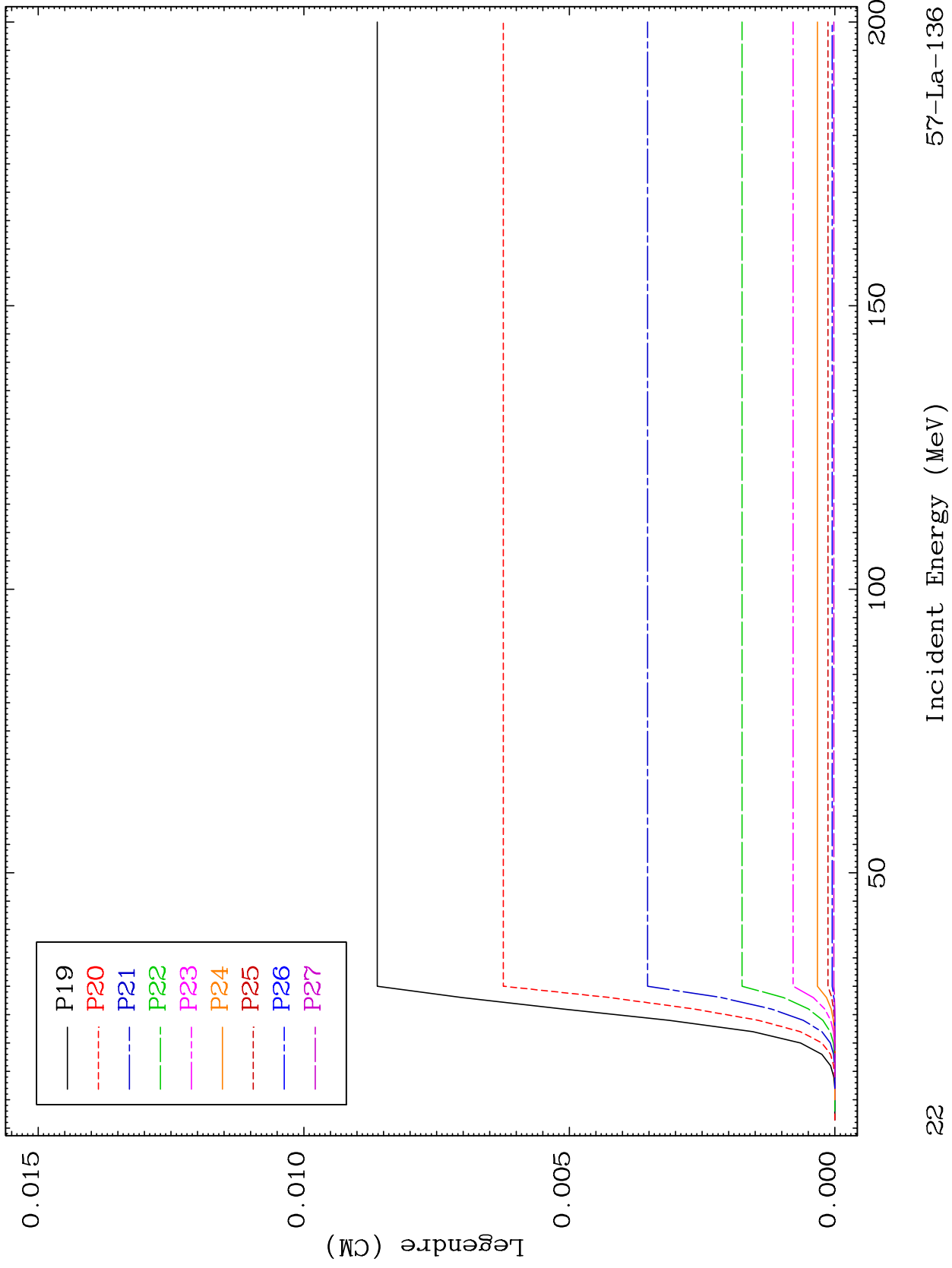
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 51 (n,n') Level
Legendre Coefficients

57-La-136

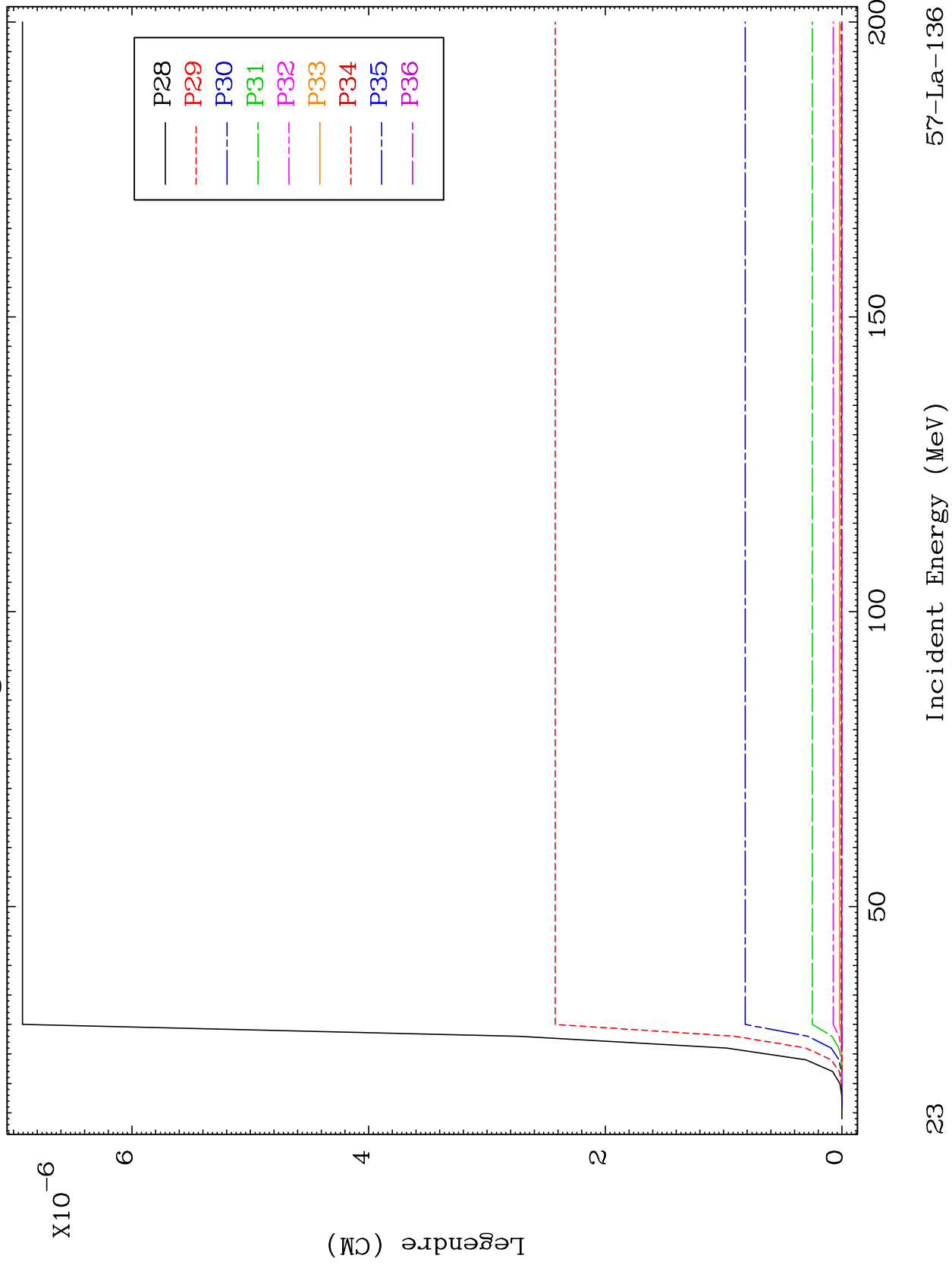


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MAT 5719

MT= 51 (n,n') Level
Legendre Coefficients

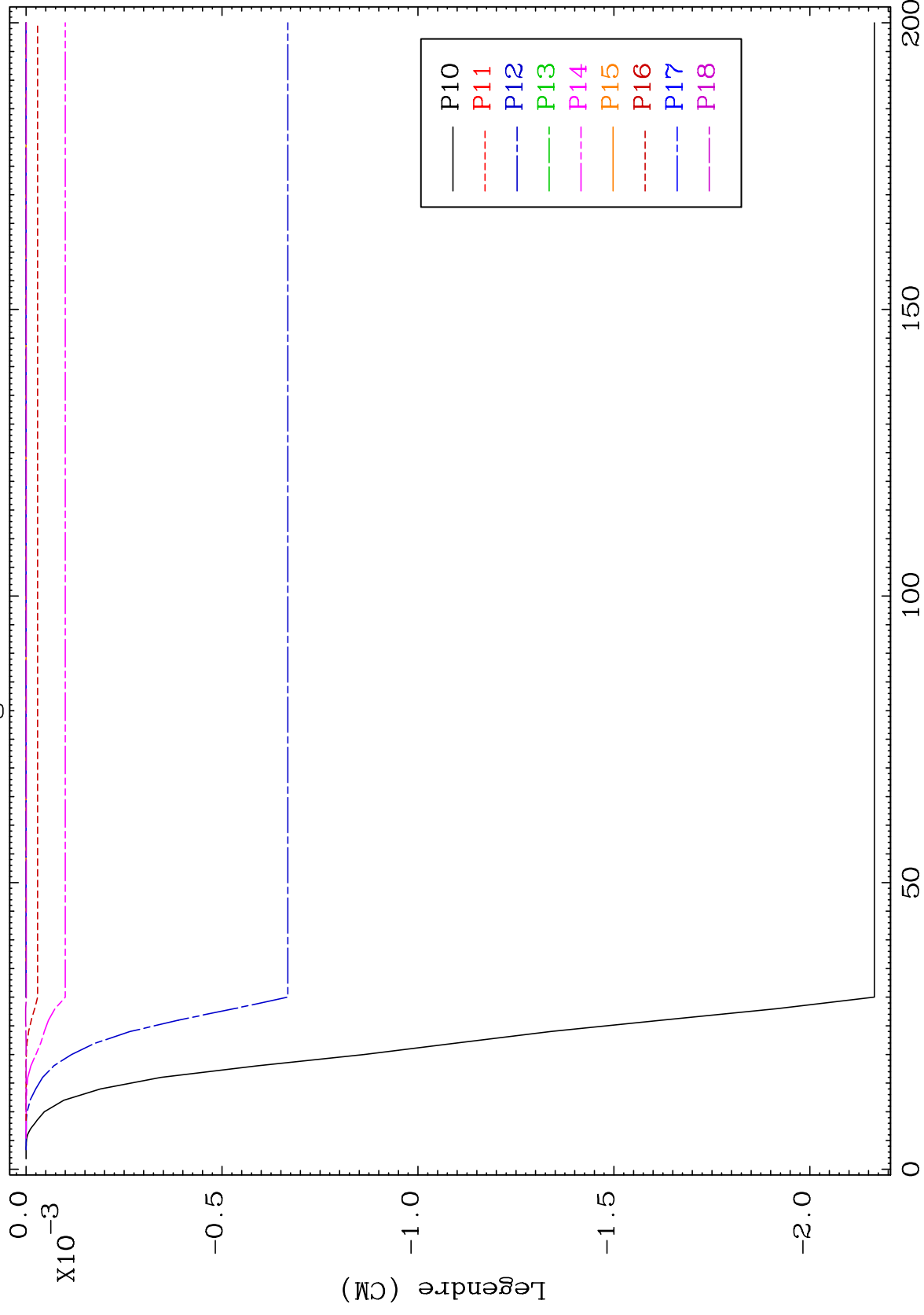
57-La-136



MAT 5719

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Legendre Coefficients

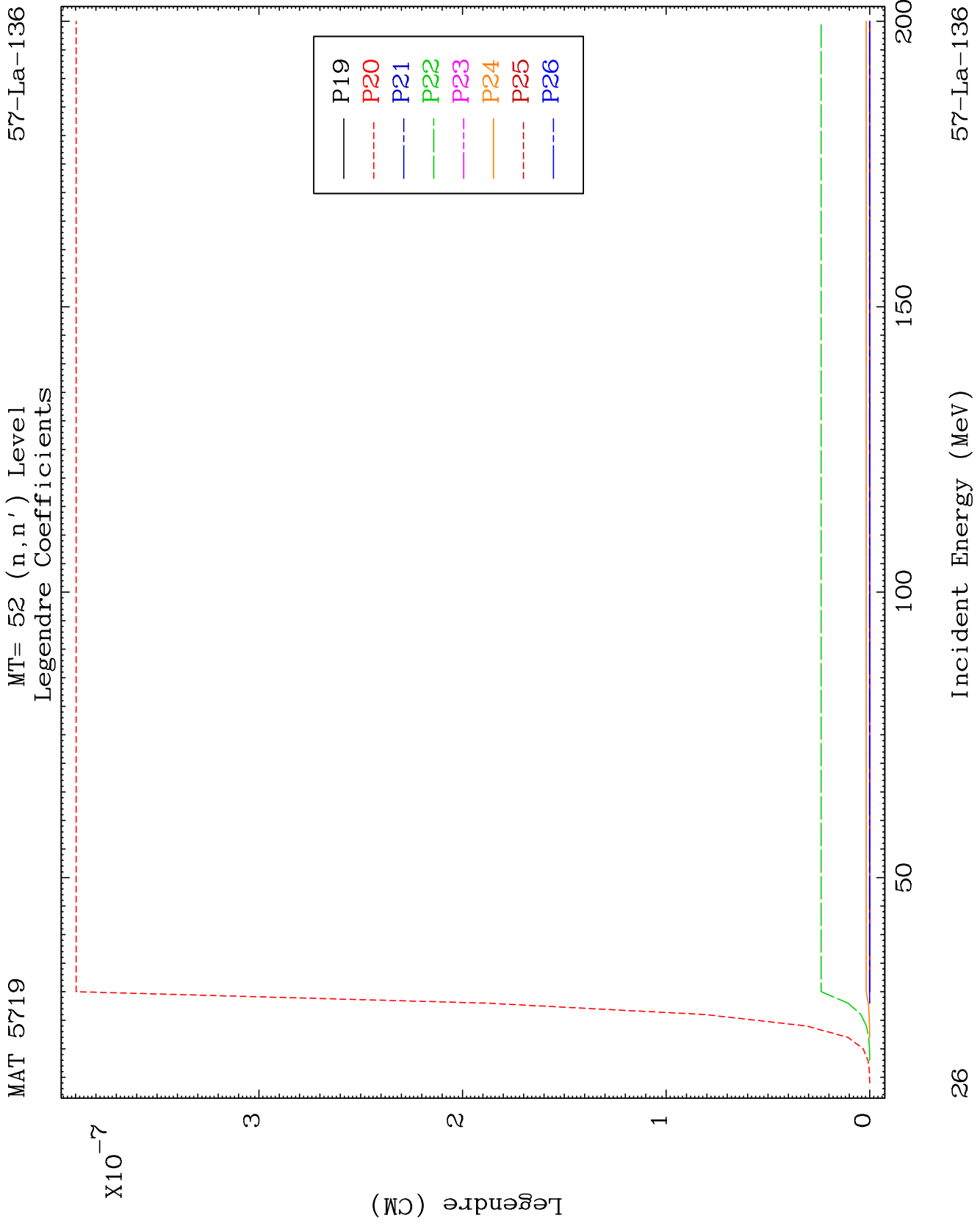
57-La-136



25

Incident Energy (MeV)

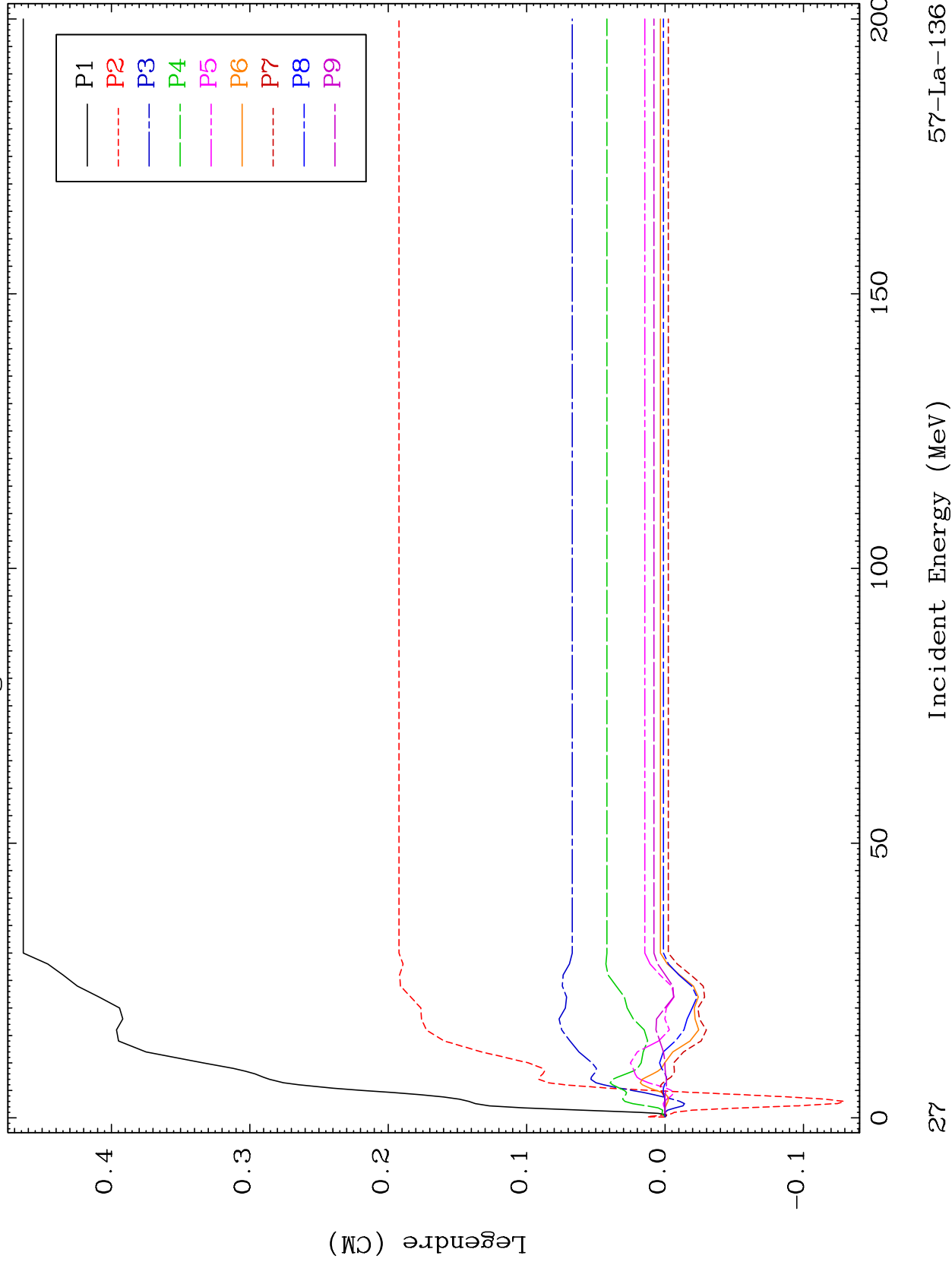
57-La-136



MAT 5719

MT= 53 (n,n') Level
Legendre Coefficients

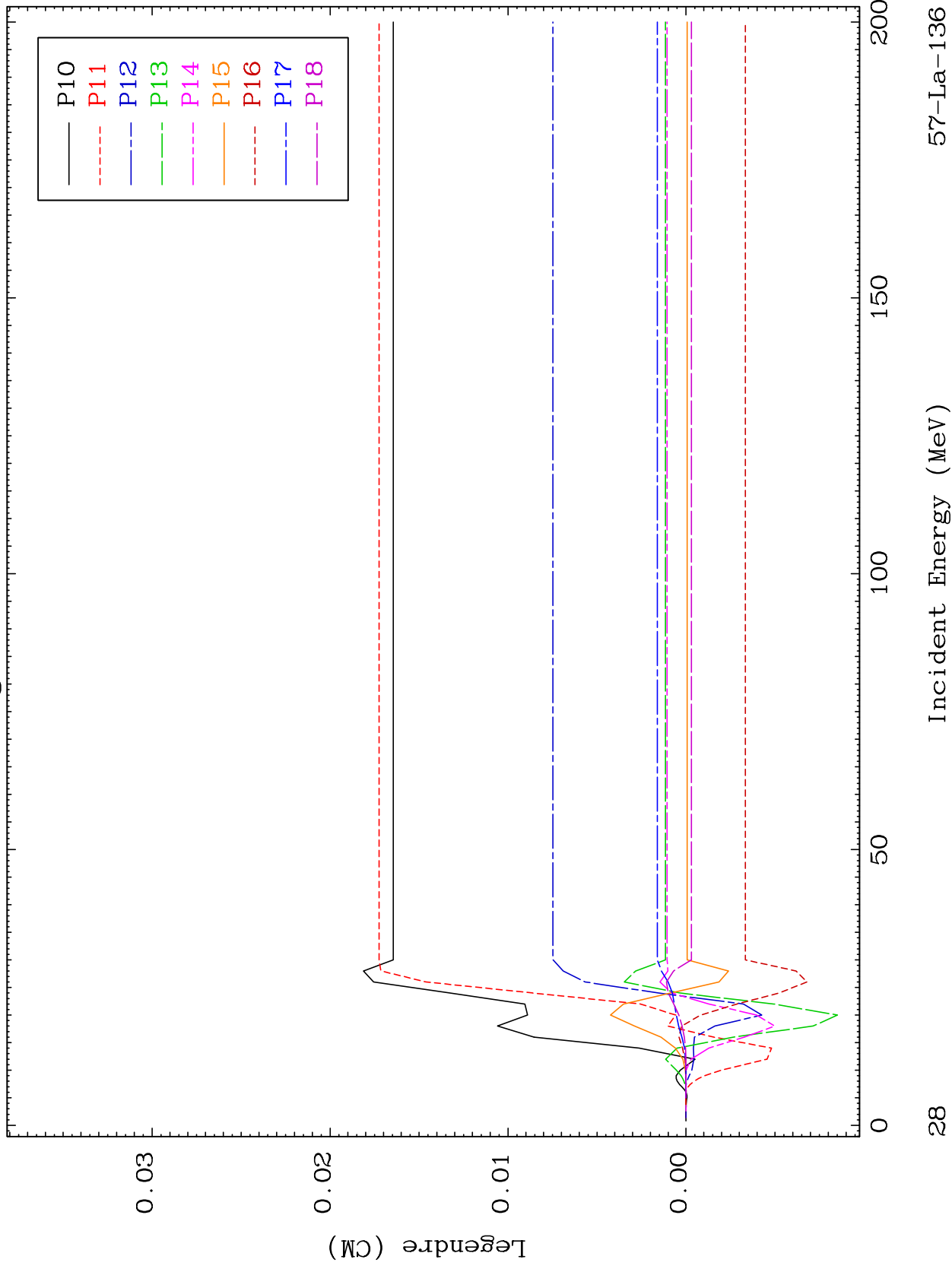
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MAT 5719

MT= 53 (n,n') Level
Legendre Coefficients

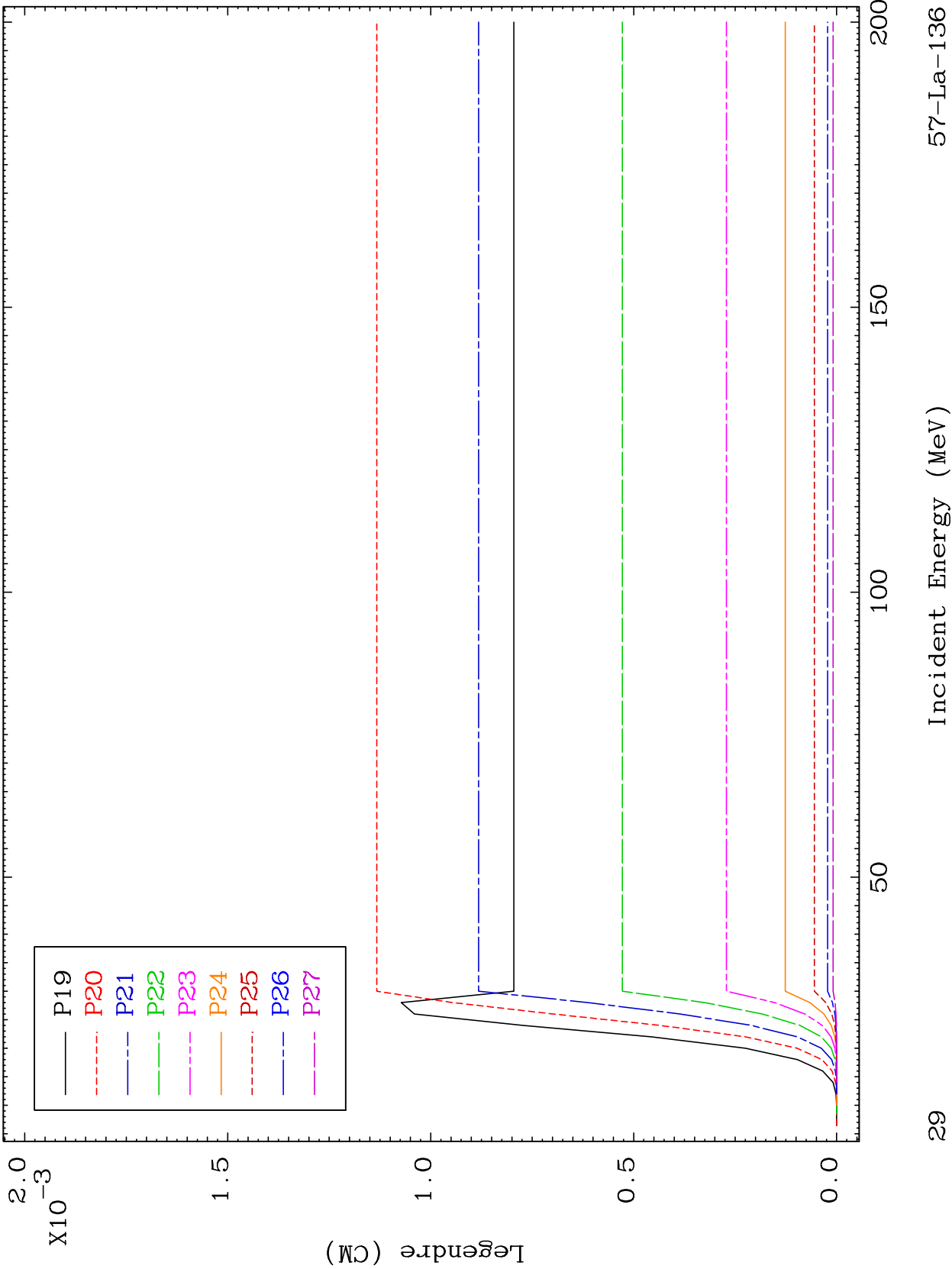
57-La-136



57-La-136

Incident Energy (MeV)

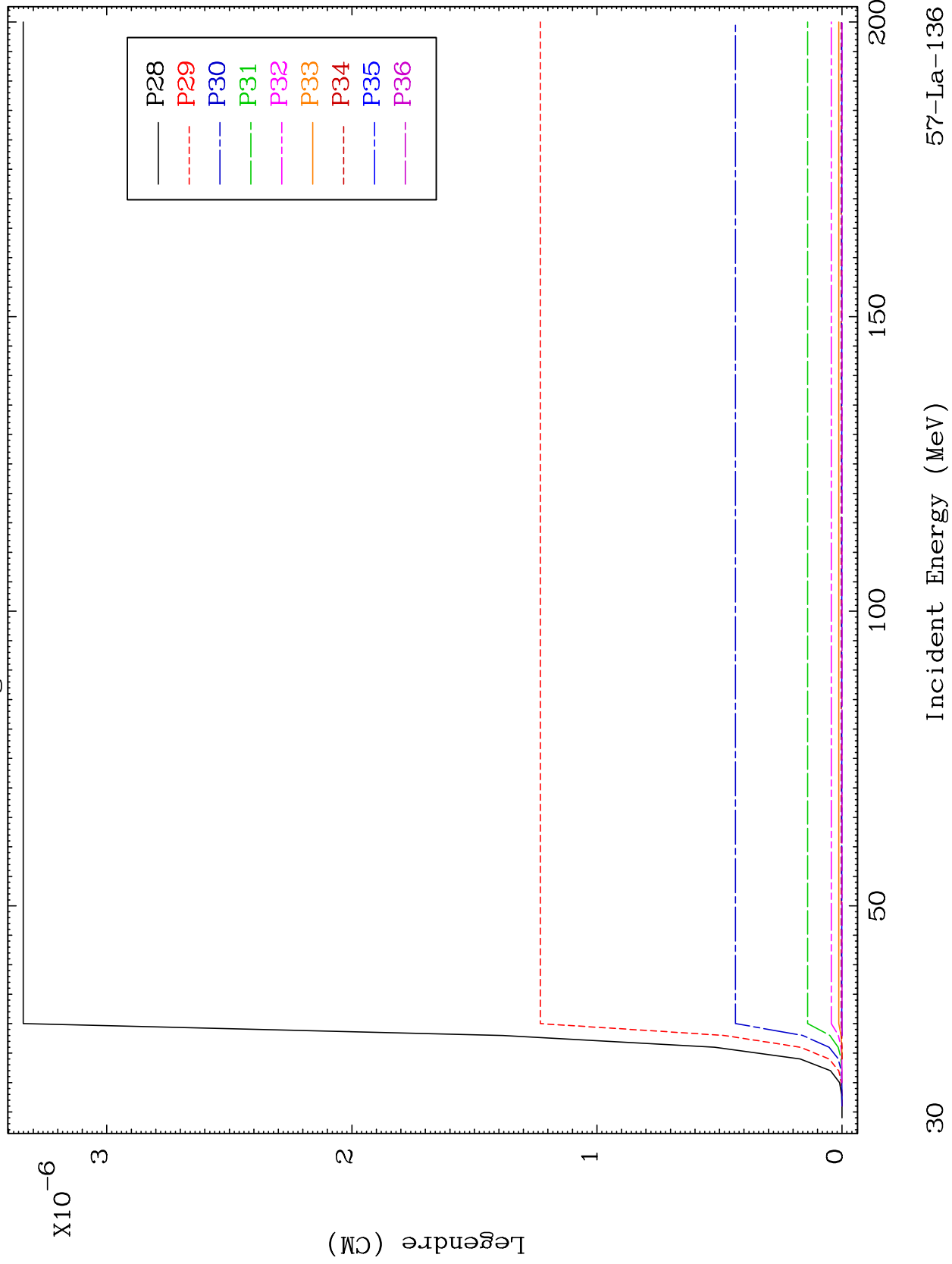
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MAT 5719

MT= 53 (n,n') Level
Legendre Coefficients

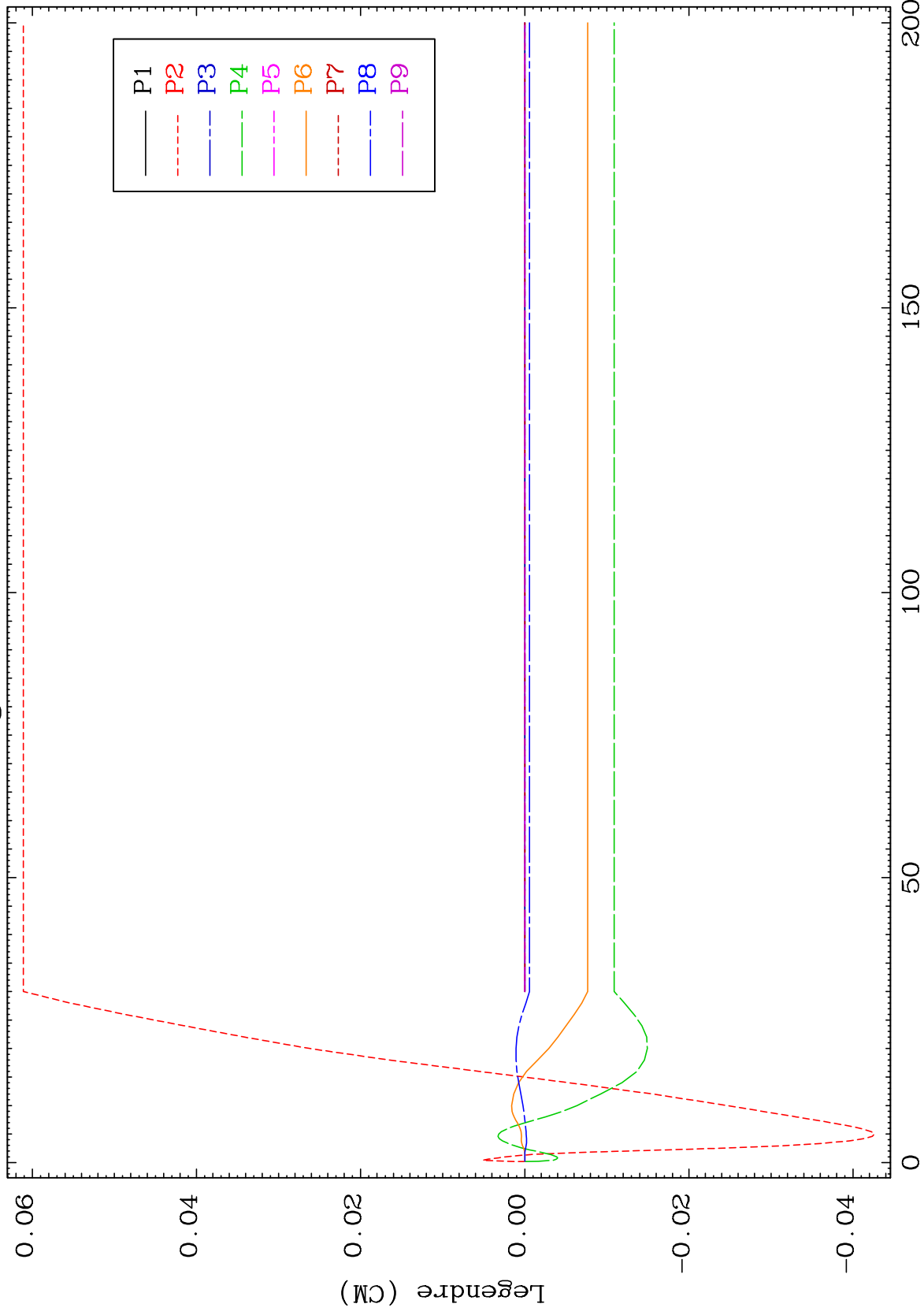
57-La-136



MAT 5719

MT= 54 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

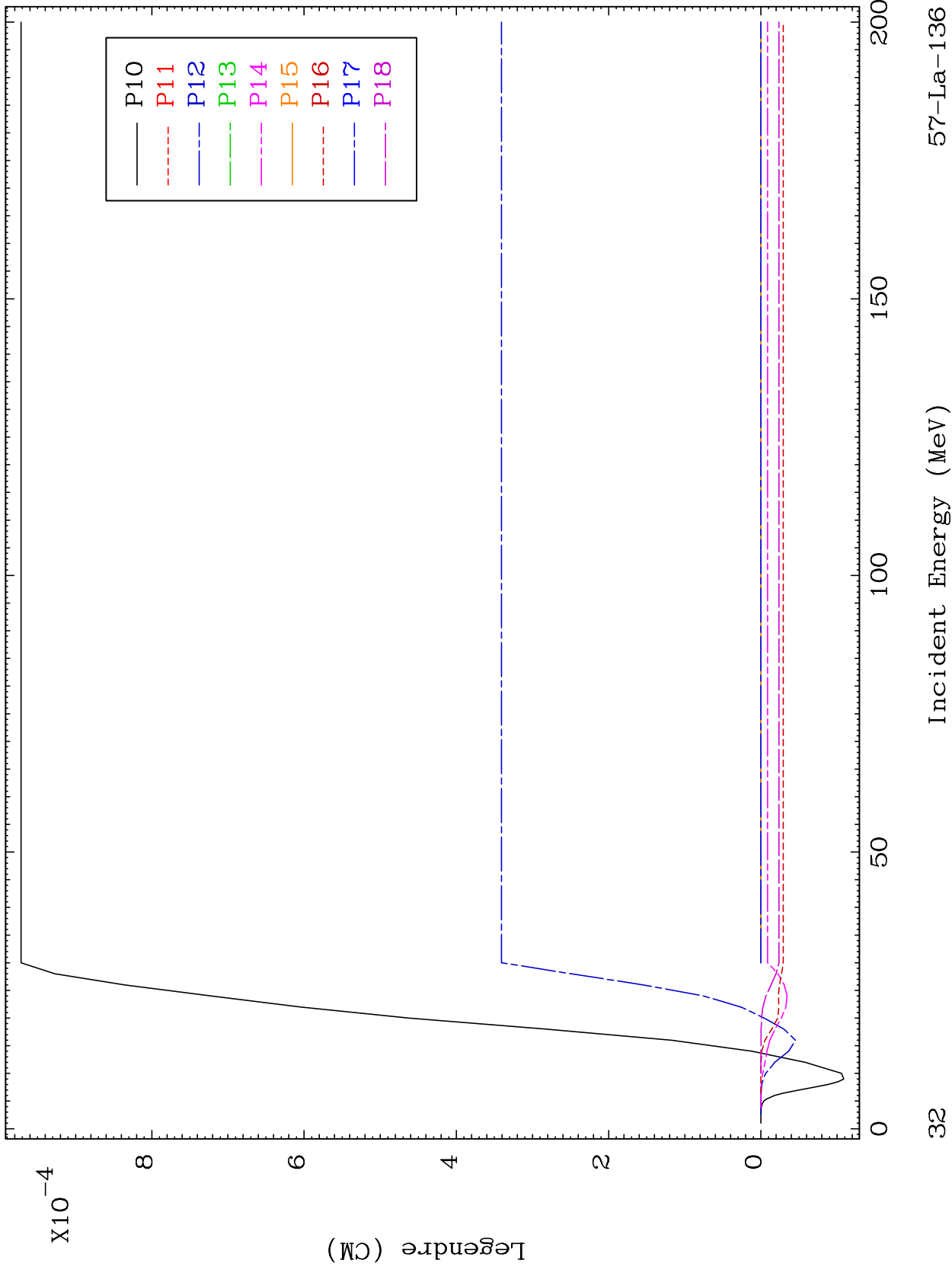
Incident Energy (MeV)

31

MAT 5719

MT= 54 (n,n') Level
Legendre Coefficients

57-La-136



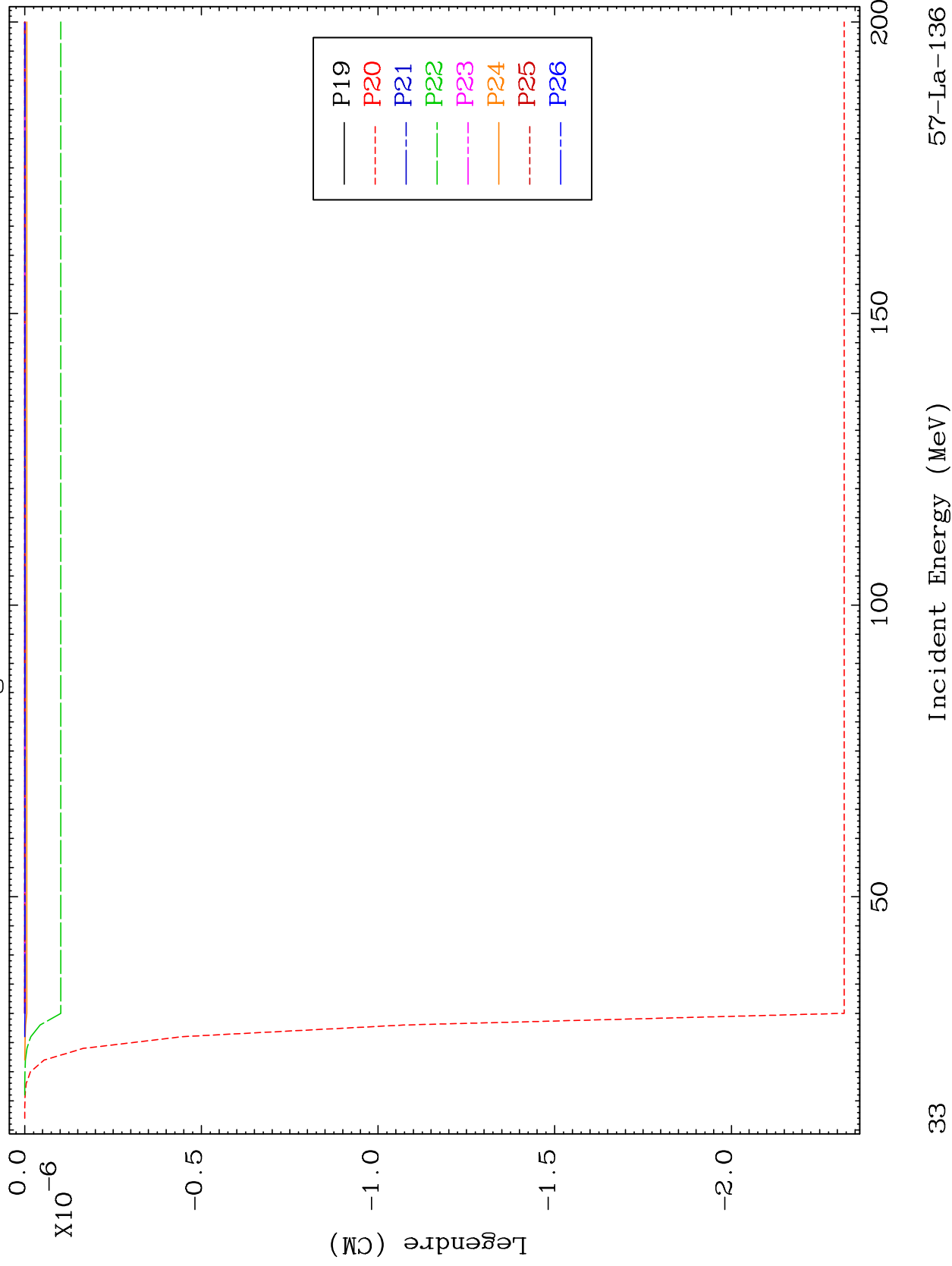
32

57-La-136

MAT 5719

MT= 54 (n,n') Level
Legendre Coefficients

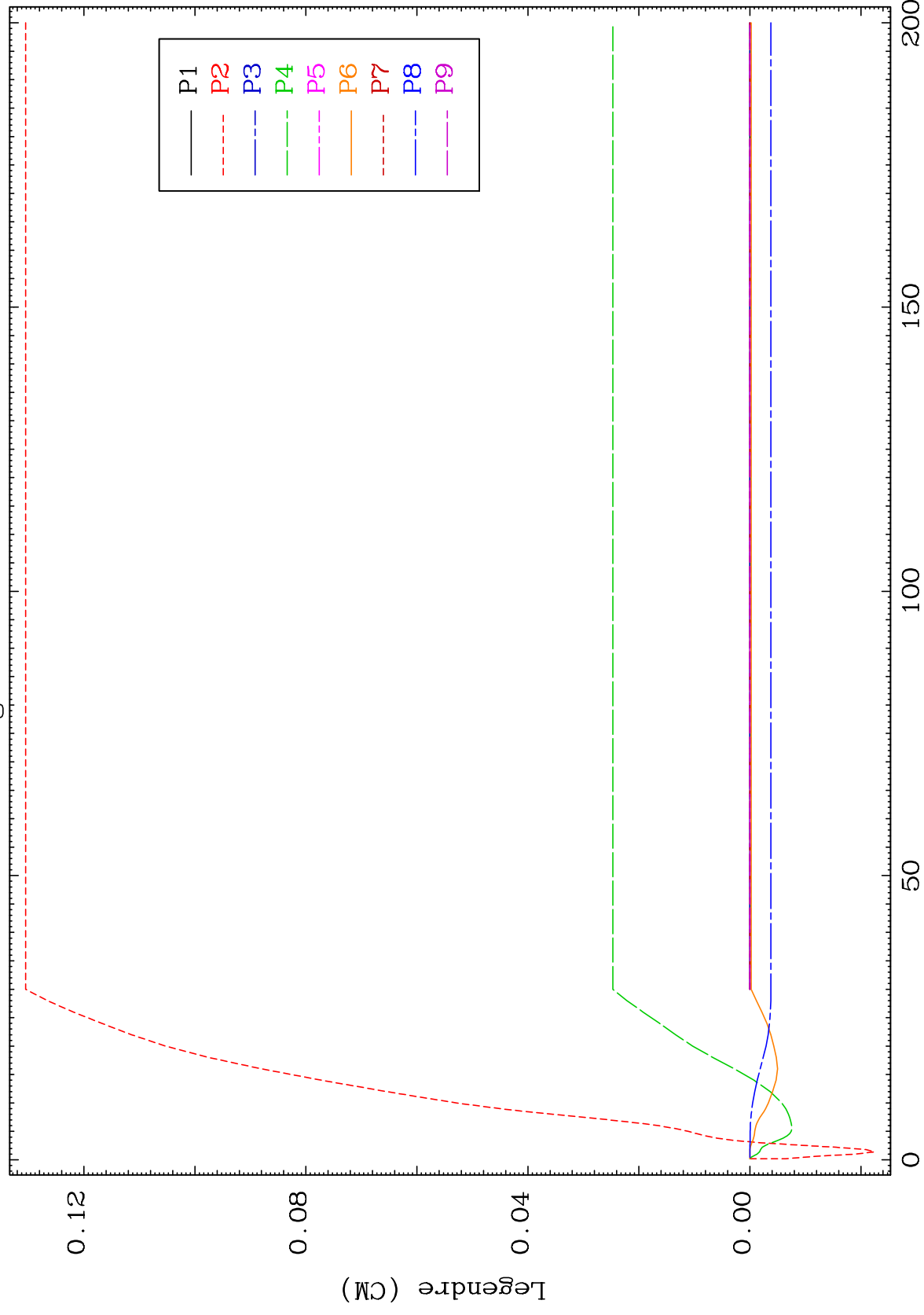
57-La-136



MAT 5719

MT= 55 (n,n') Level
Legendre Coefficients

57-La-136



34

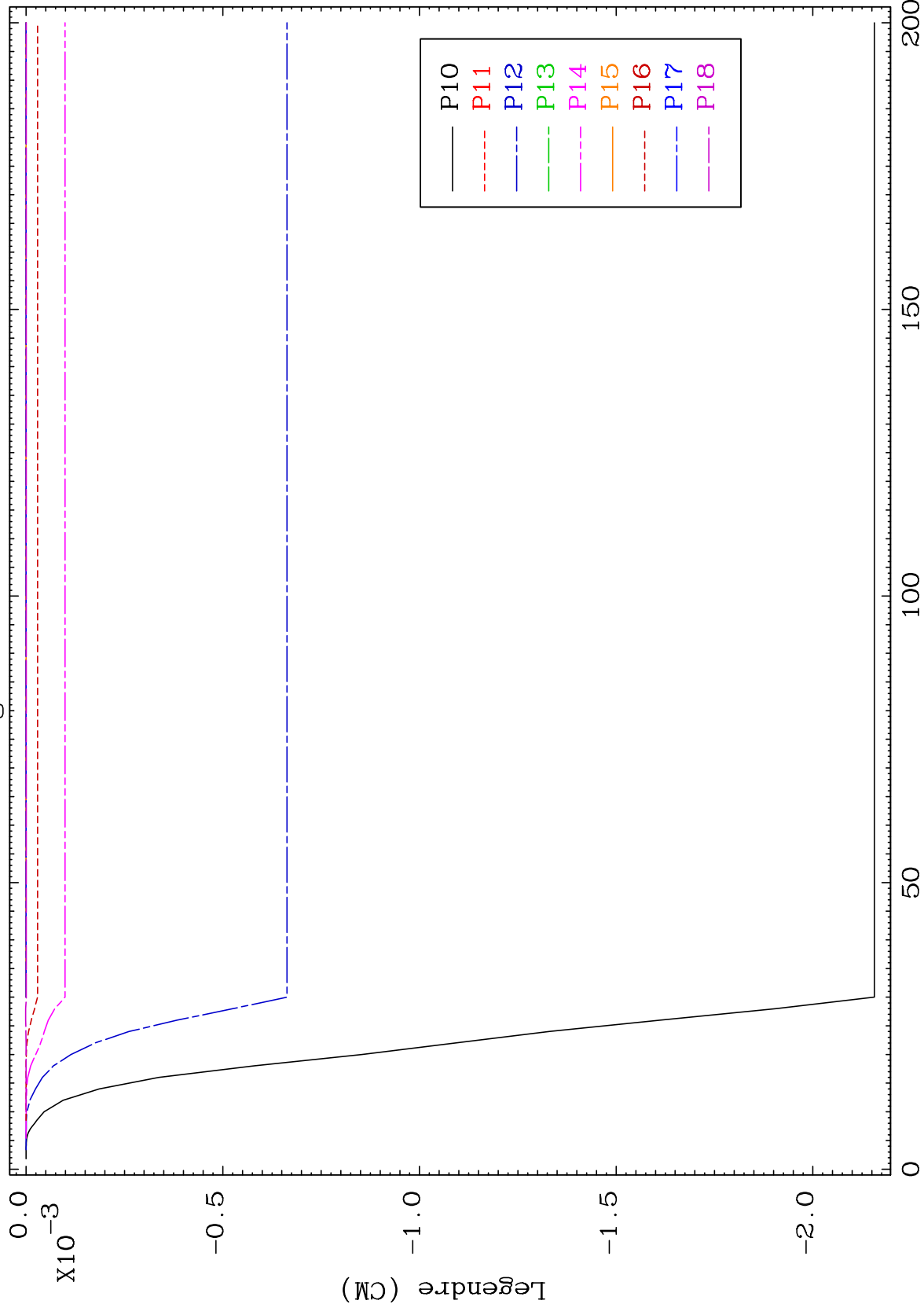
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 55 (n,n') Level
Legendre Coefficients

57-La-136



35

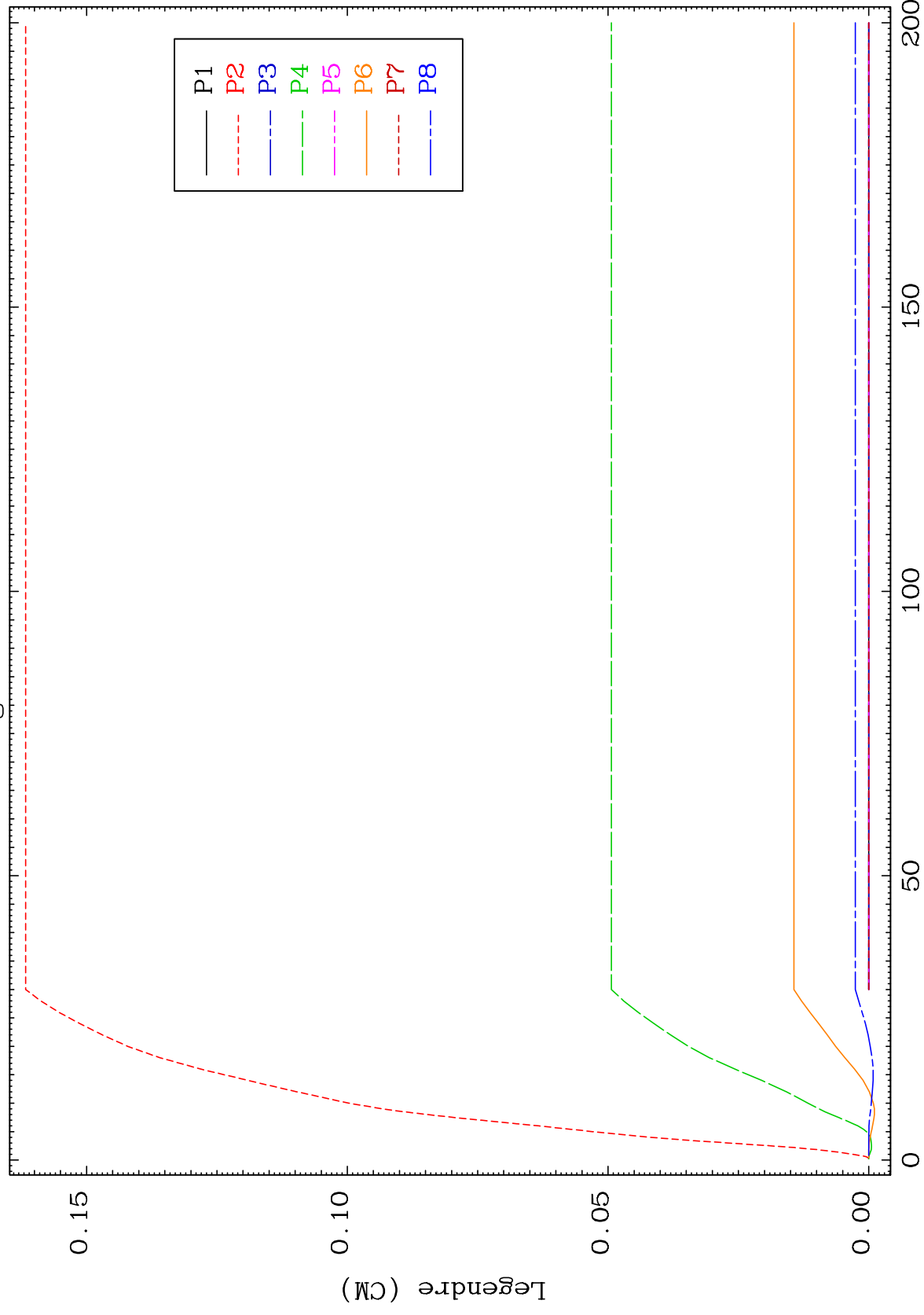
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 56 (n,n') Level
Legendre Coefficients

57-La-136



37

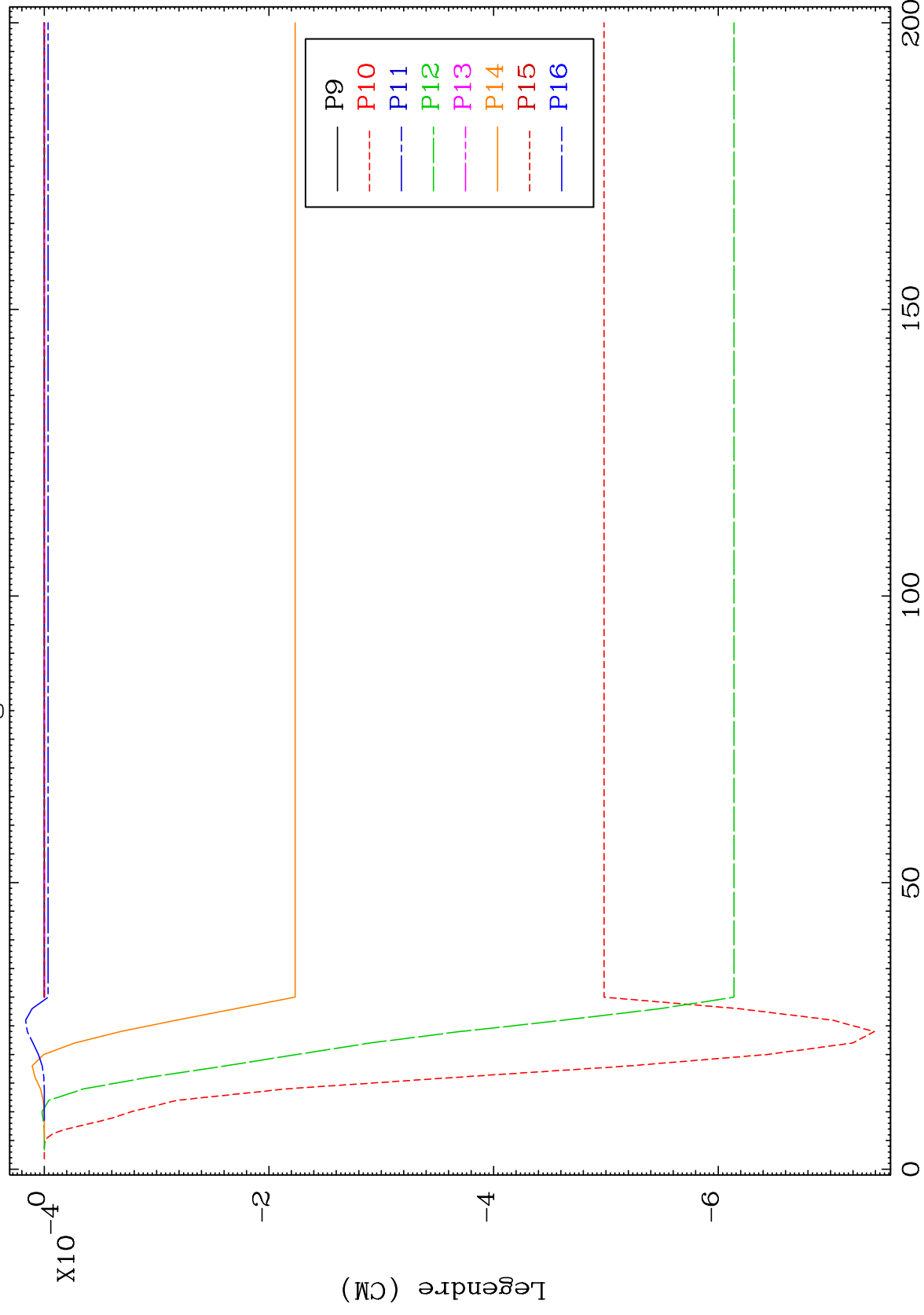
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 56 (n,n') Level
Legendre Coefficients

57-La-136



38

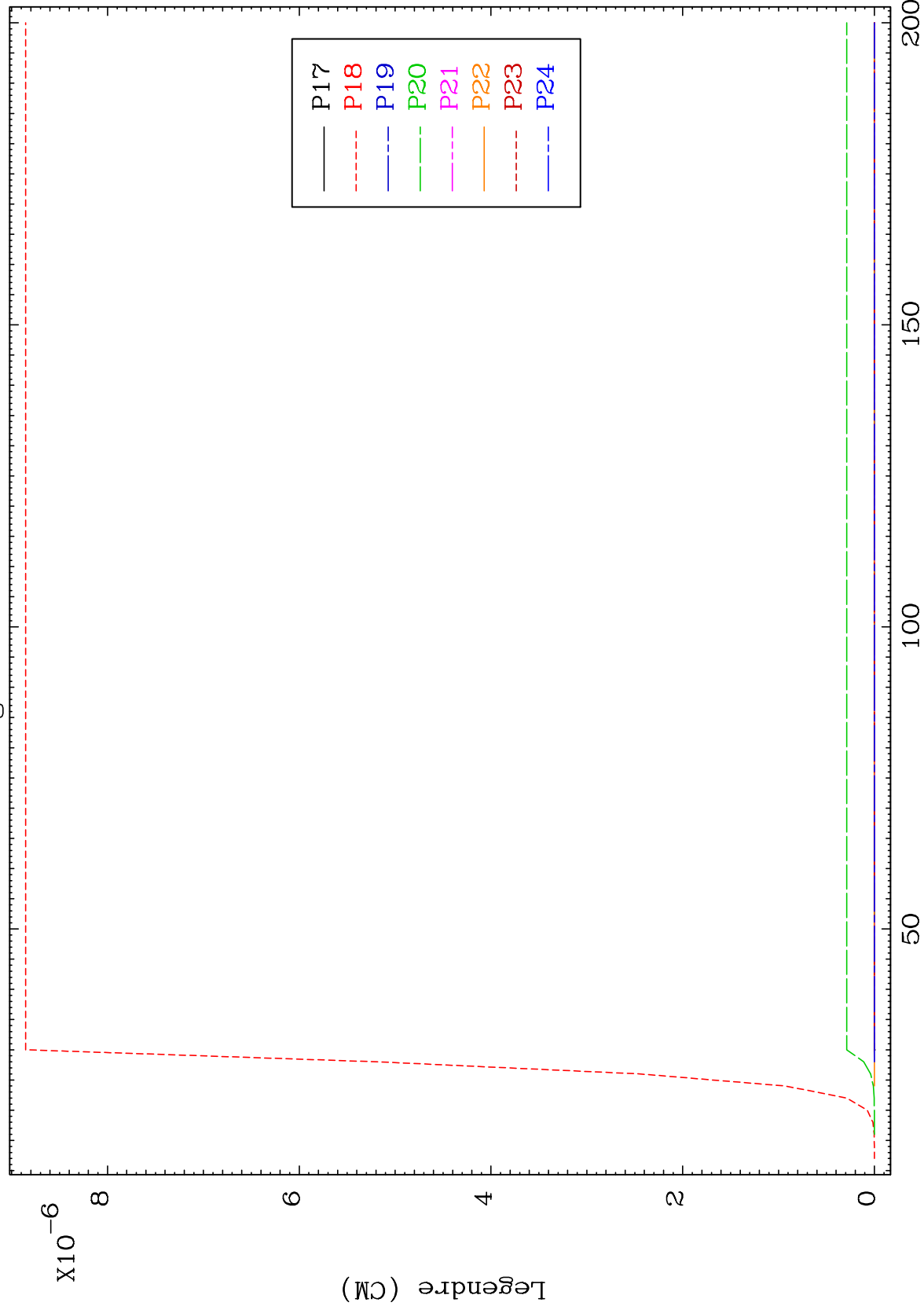
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 56 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

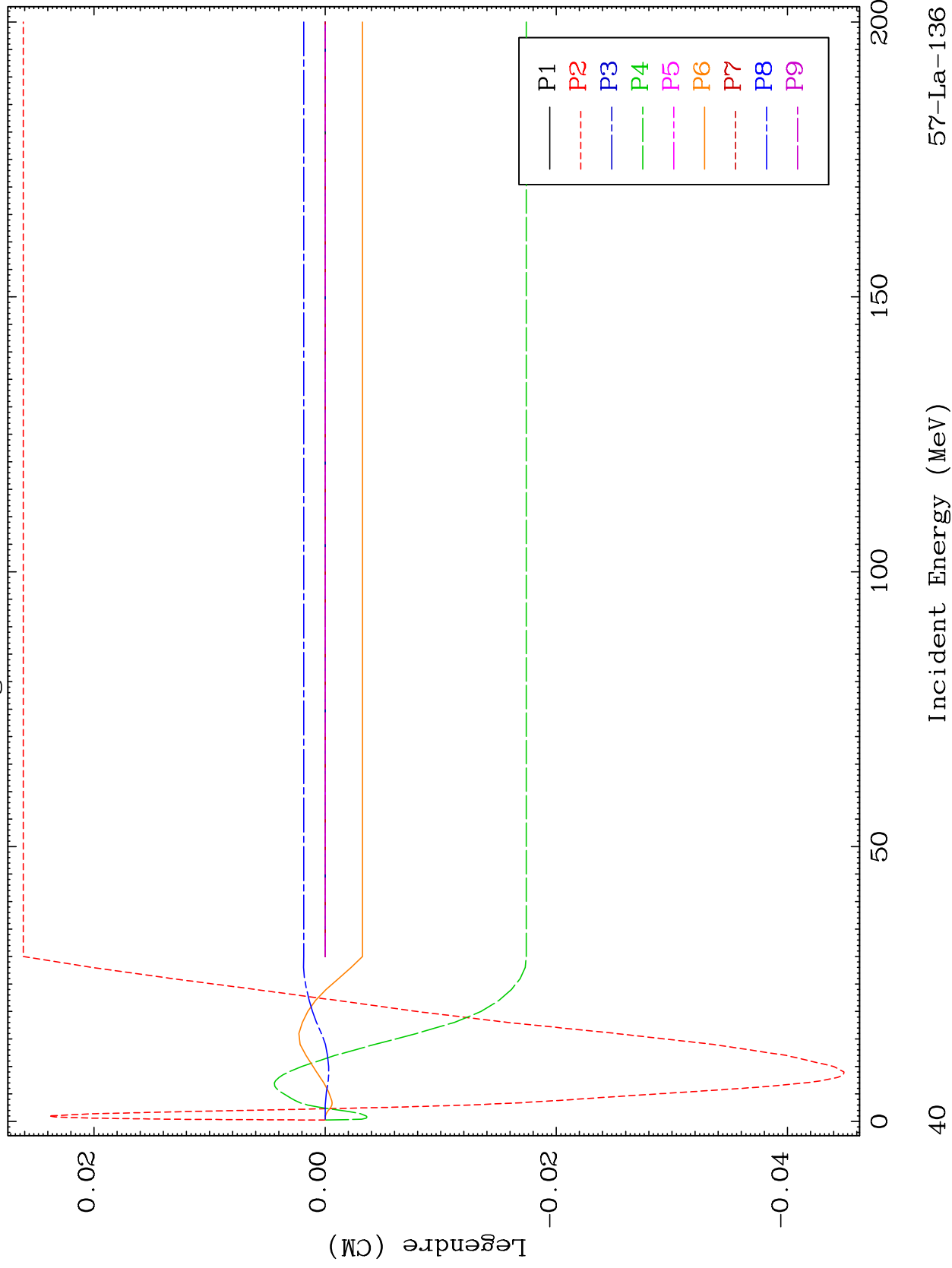
Incident Energy (MeV)

39

MAT 5719

MT= 57 (n,n') Level
Legendre Coefficients

57-La-136

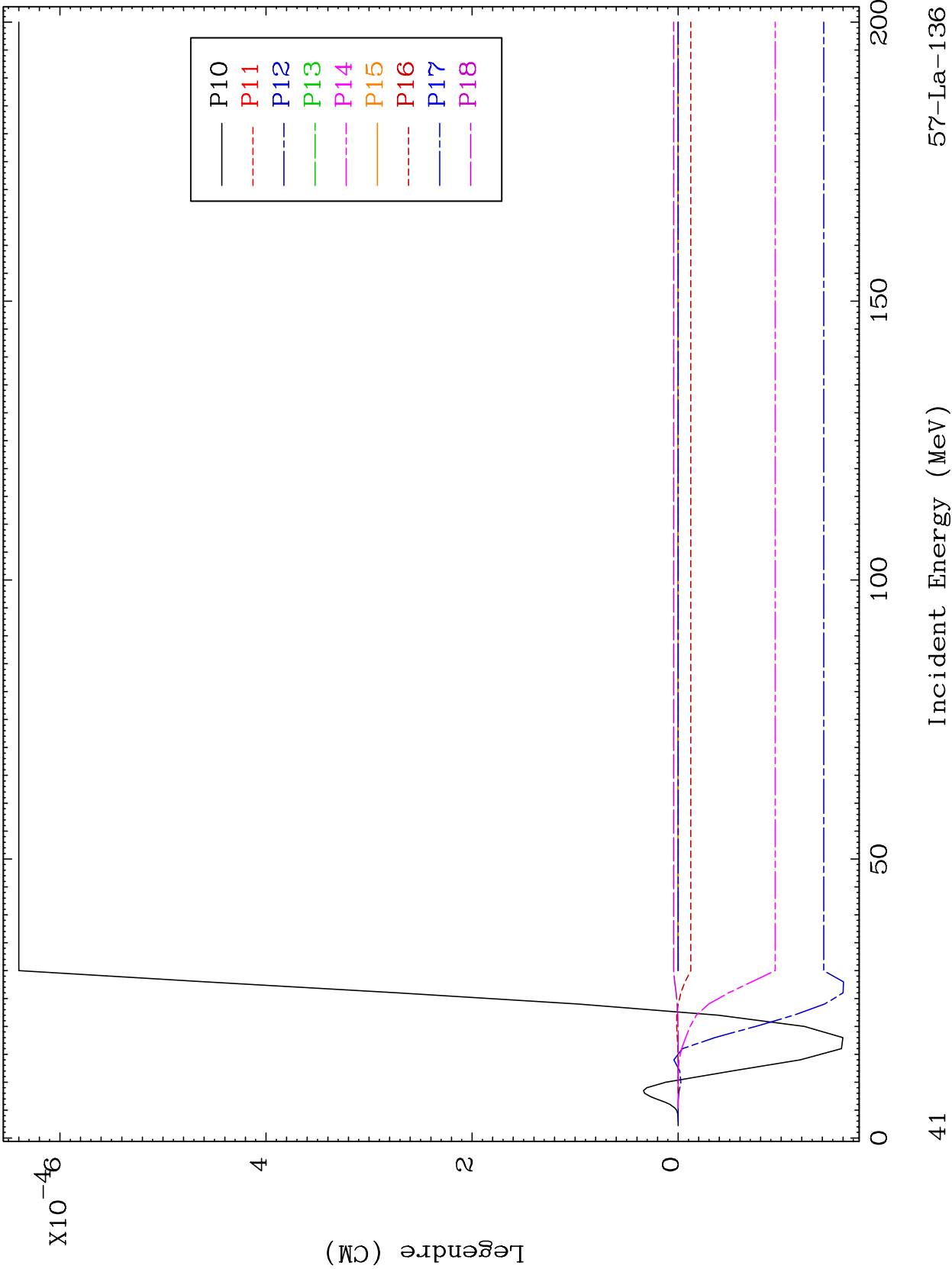


57-La-136

MAT 5719

MT= 57 (n,n') Level
Legendre Coefficients

57-La-136



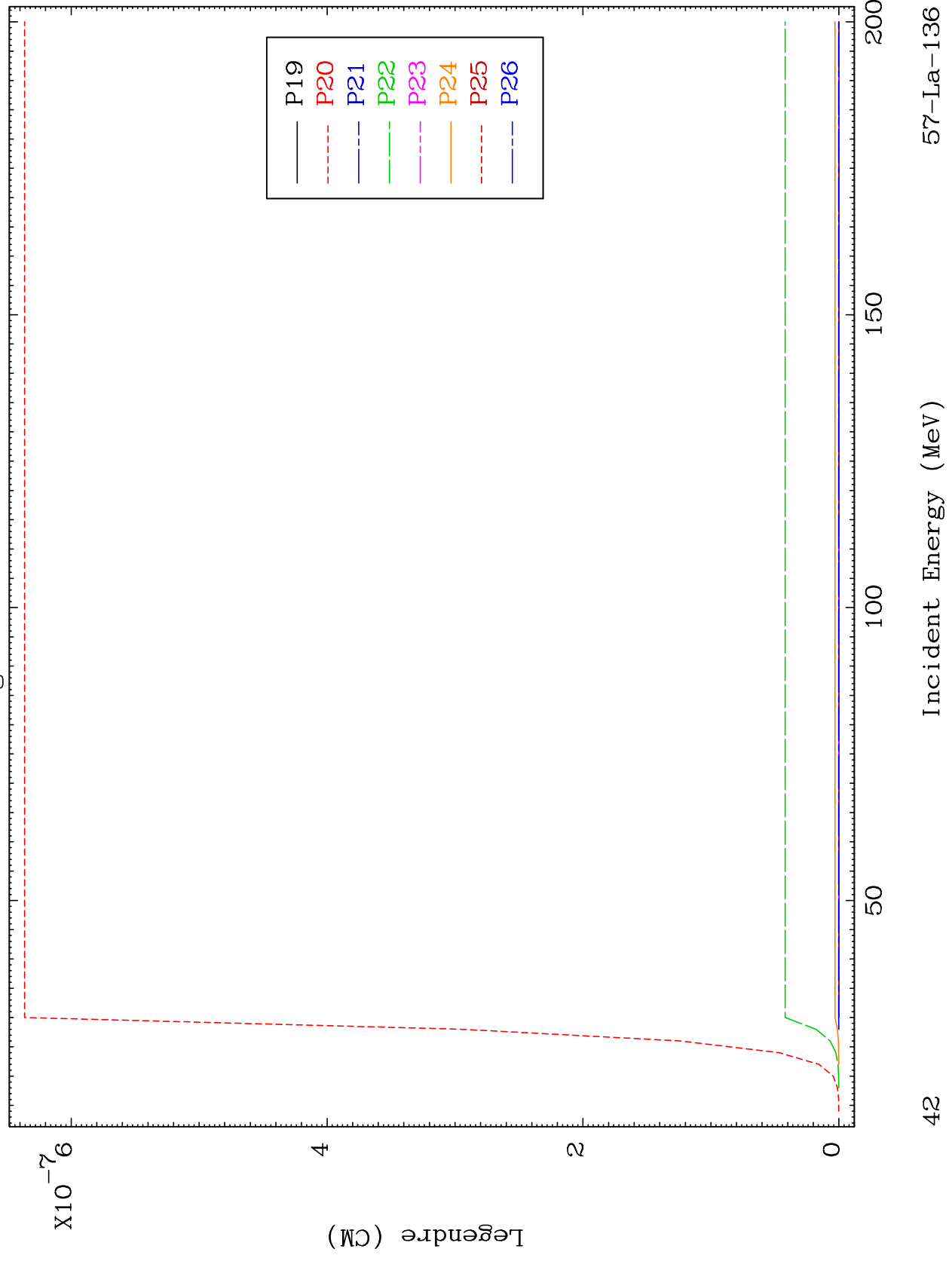
41

57-La-136

MAT 5719

MT= 57 (n,n') Level
Legendre Coefficients

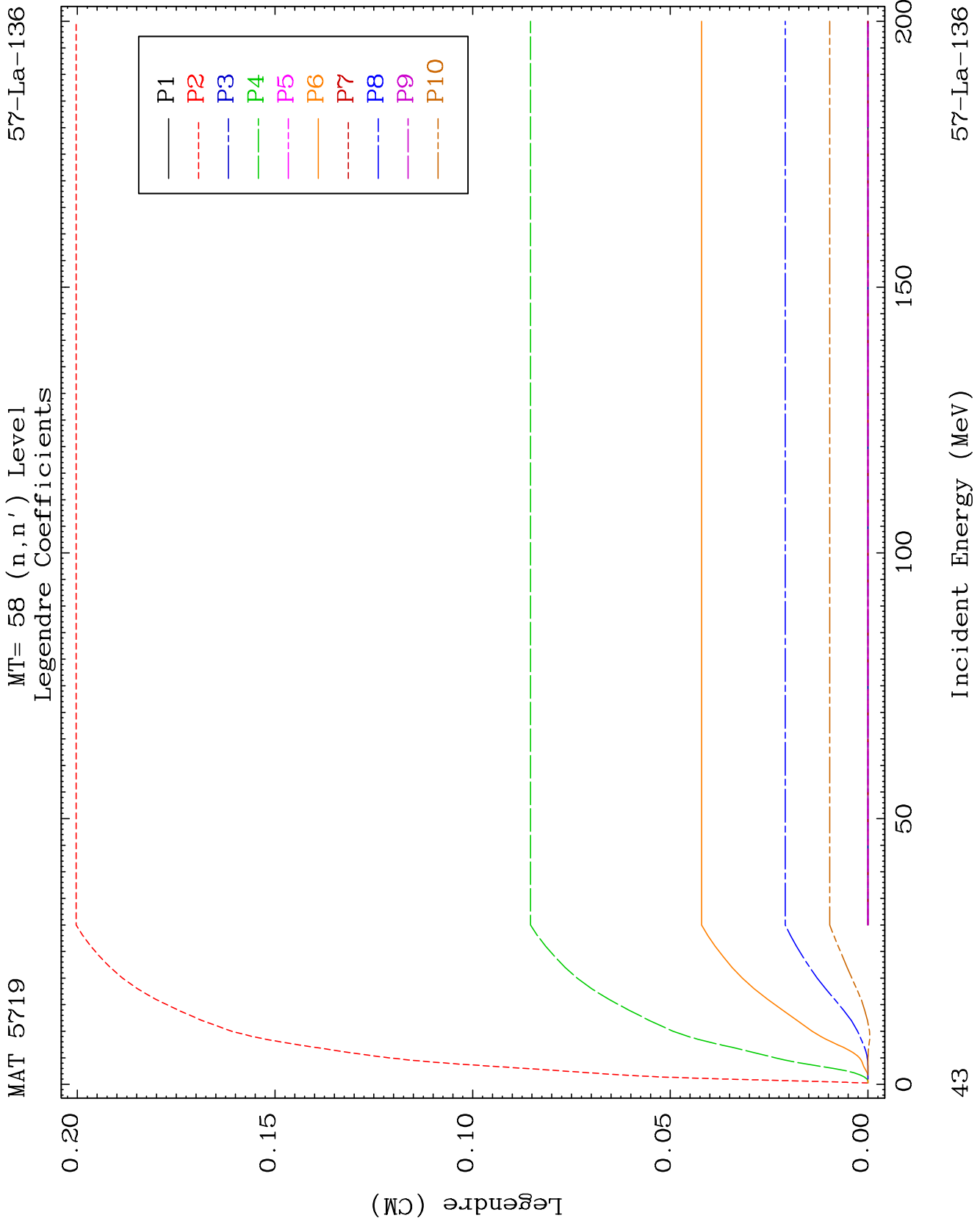
57-La-136



57-La-136

Incident Energy (MeV)

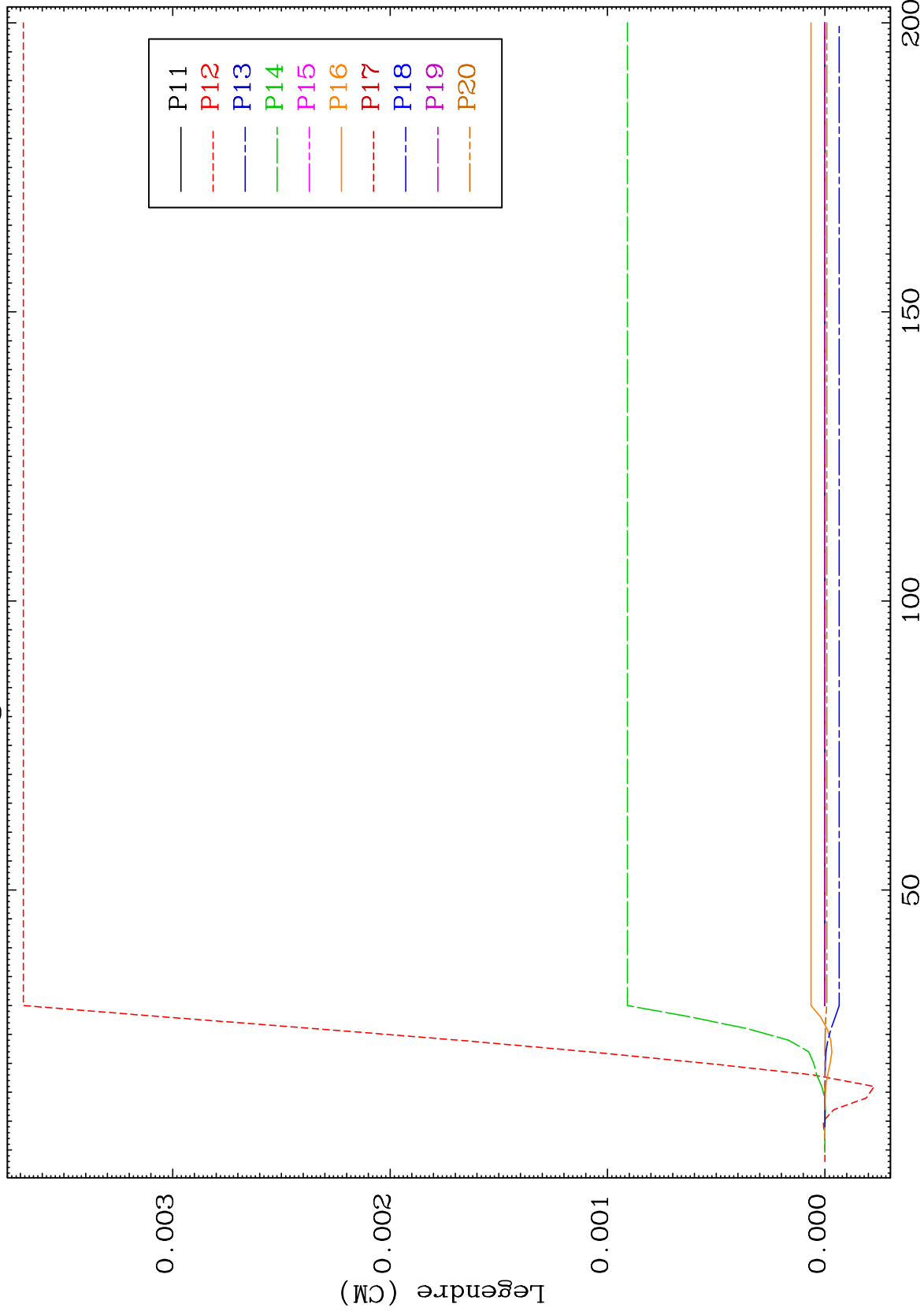
42



MAT 5719

MT= 58 (n,n') Level
Legendre Coefficients

57-La-136



44

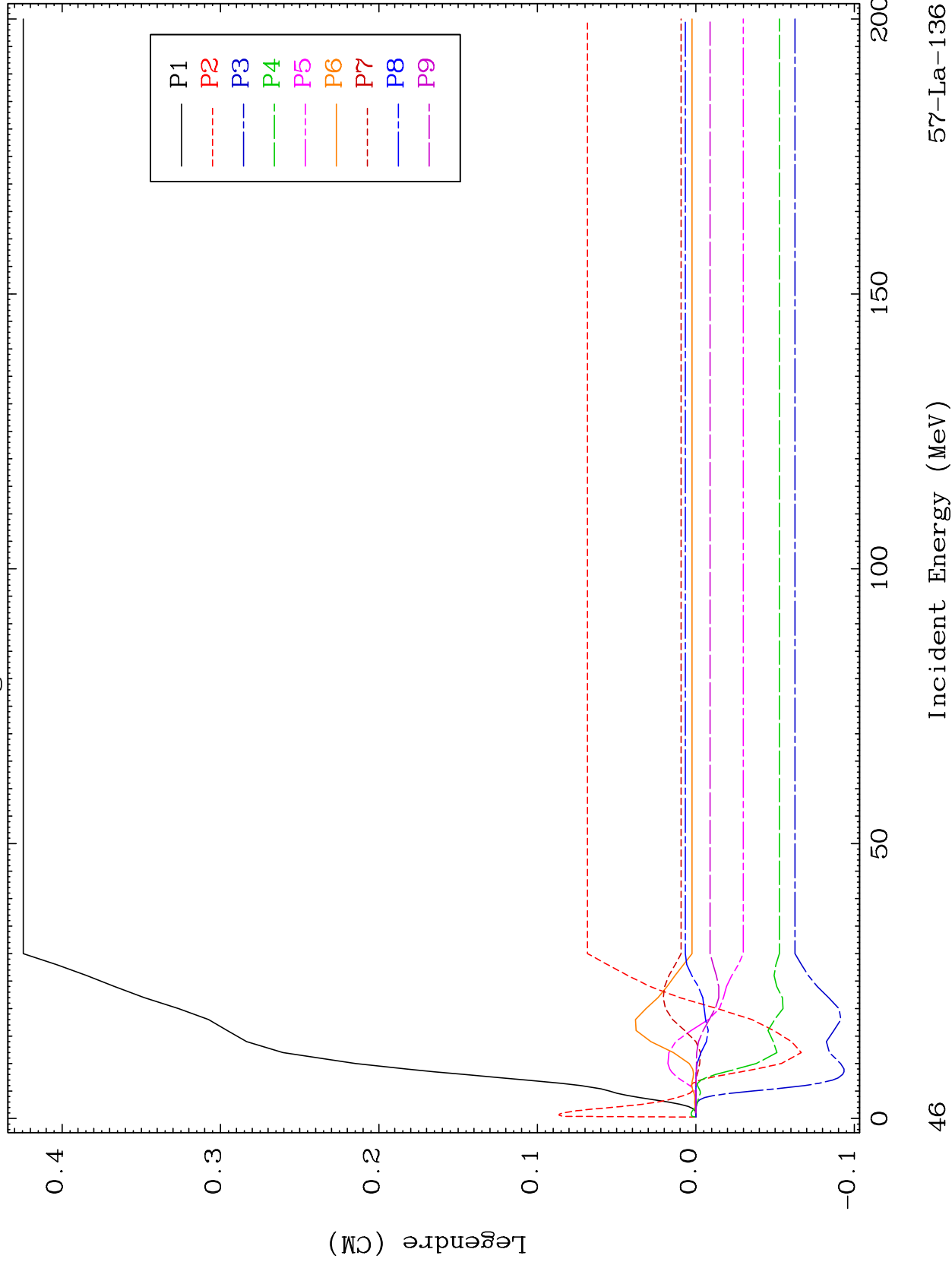
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 59 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

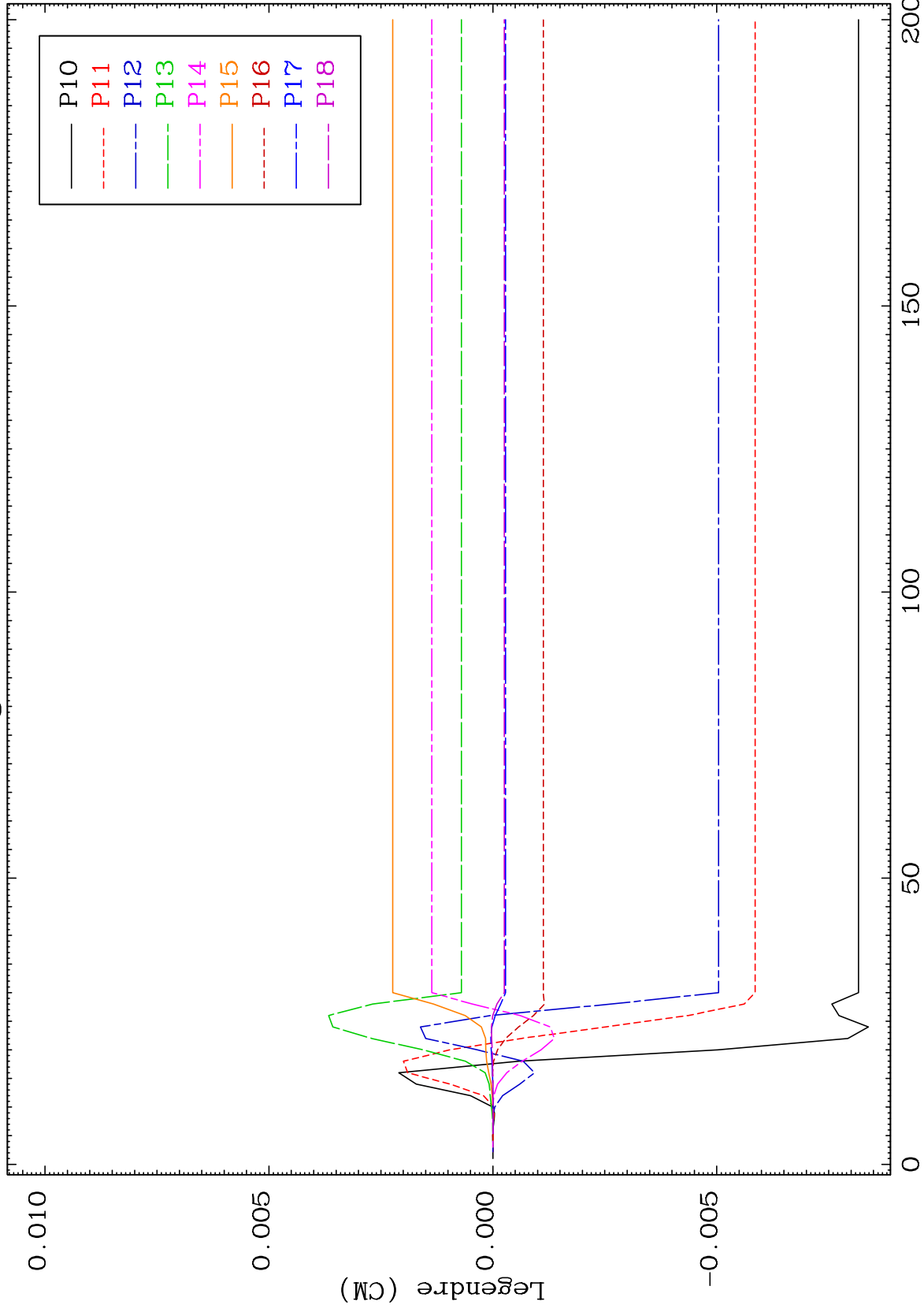
Incident Energy (MeV)

46

MAT 5719

MT= 59 (n,n') Level
Legendre Coefficients

57-La-136



47

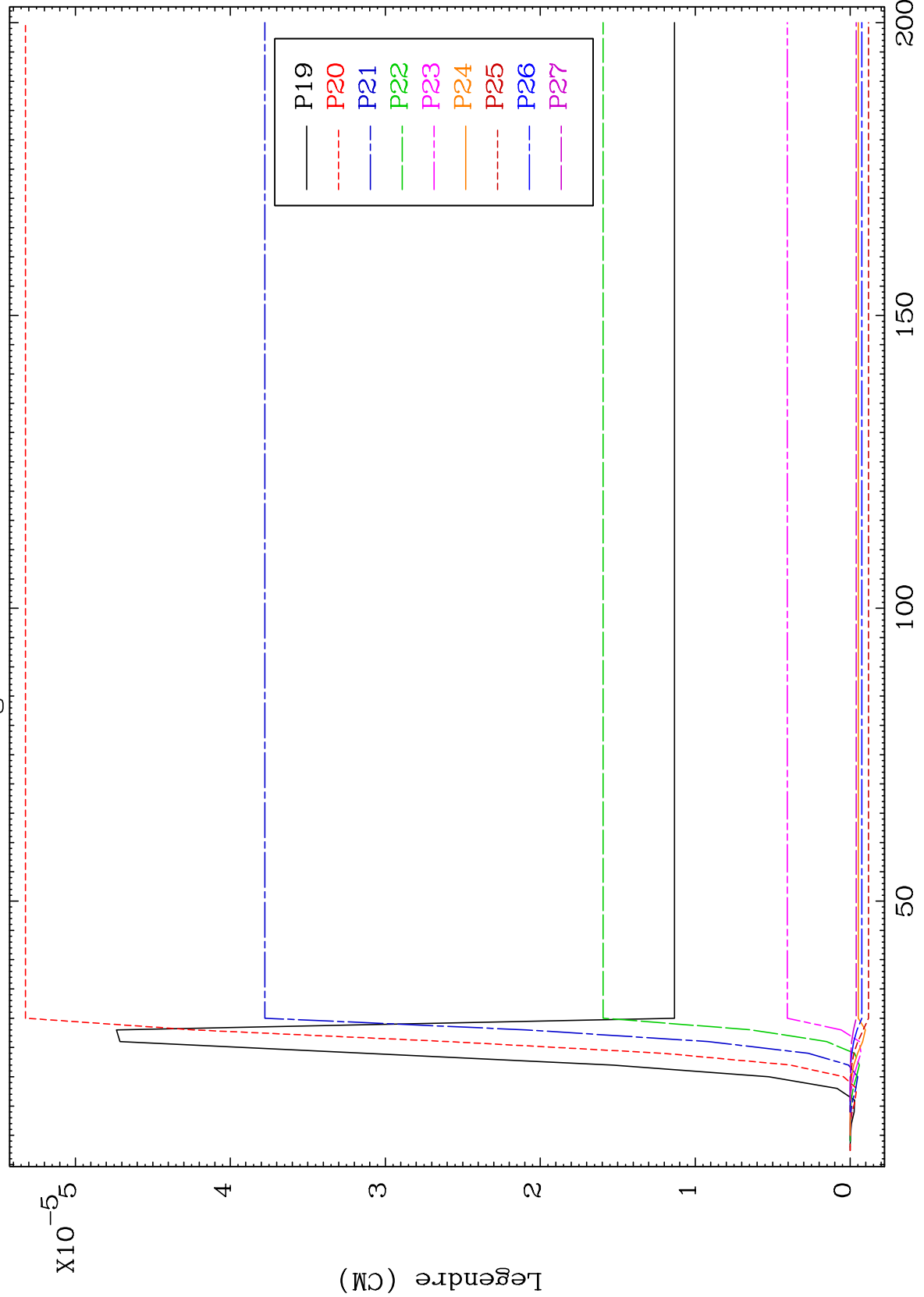
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 59 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

Incident Energy (MeV)

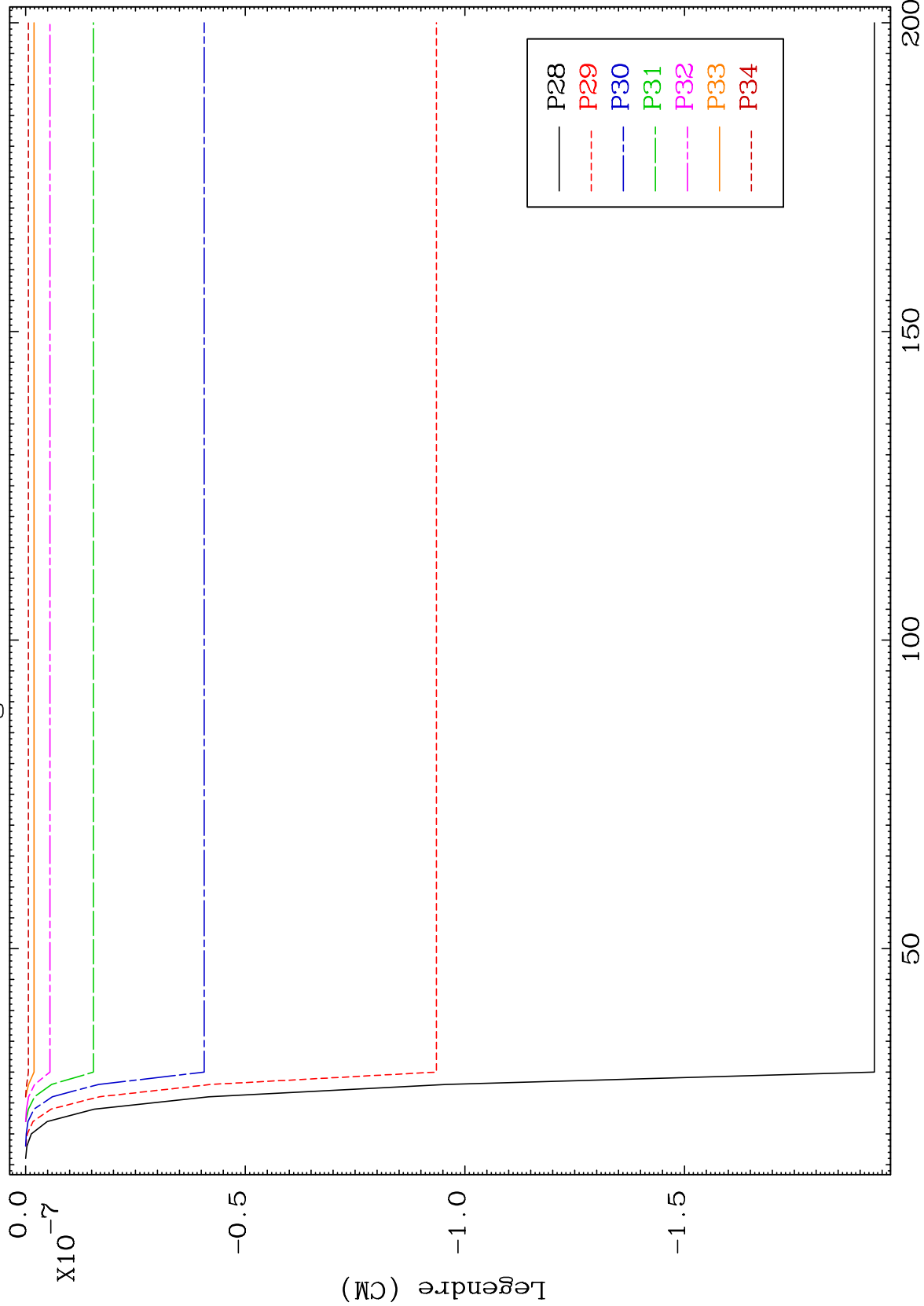
48

MAT 5719

MT= 59 (n,n') Level

57-La-136

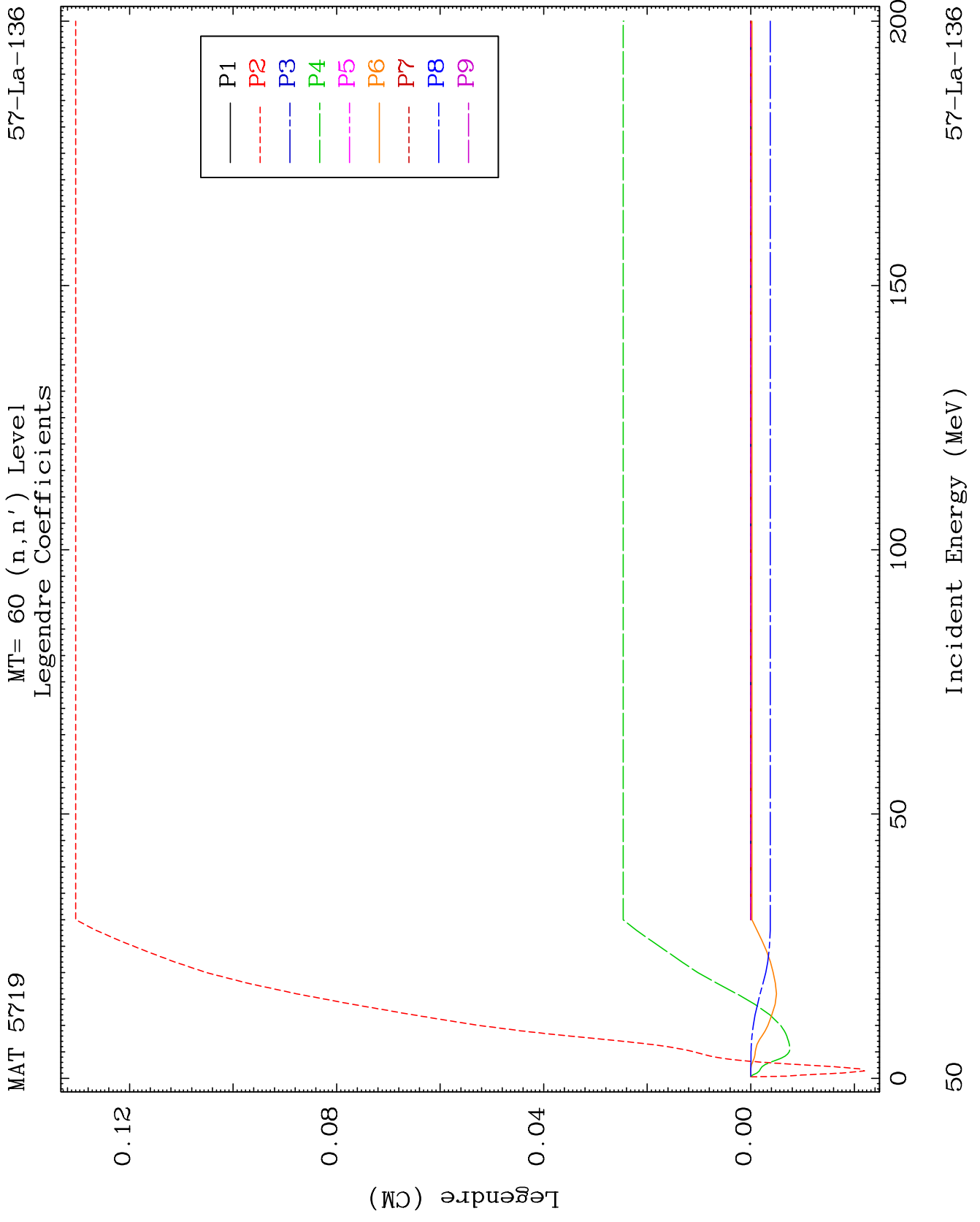
Legendre Coefficients



49

Incident Energy (MeV)

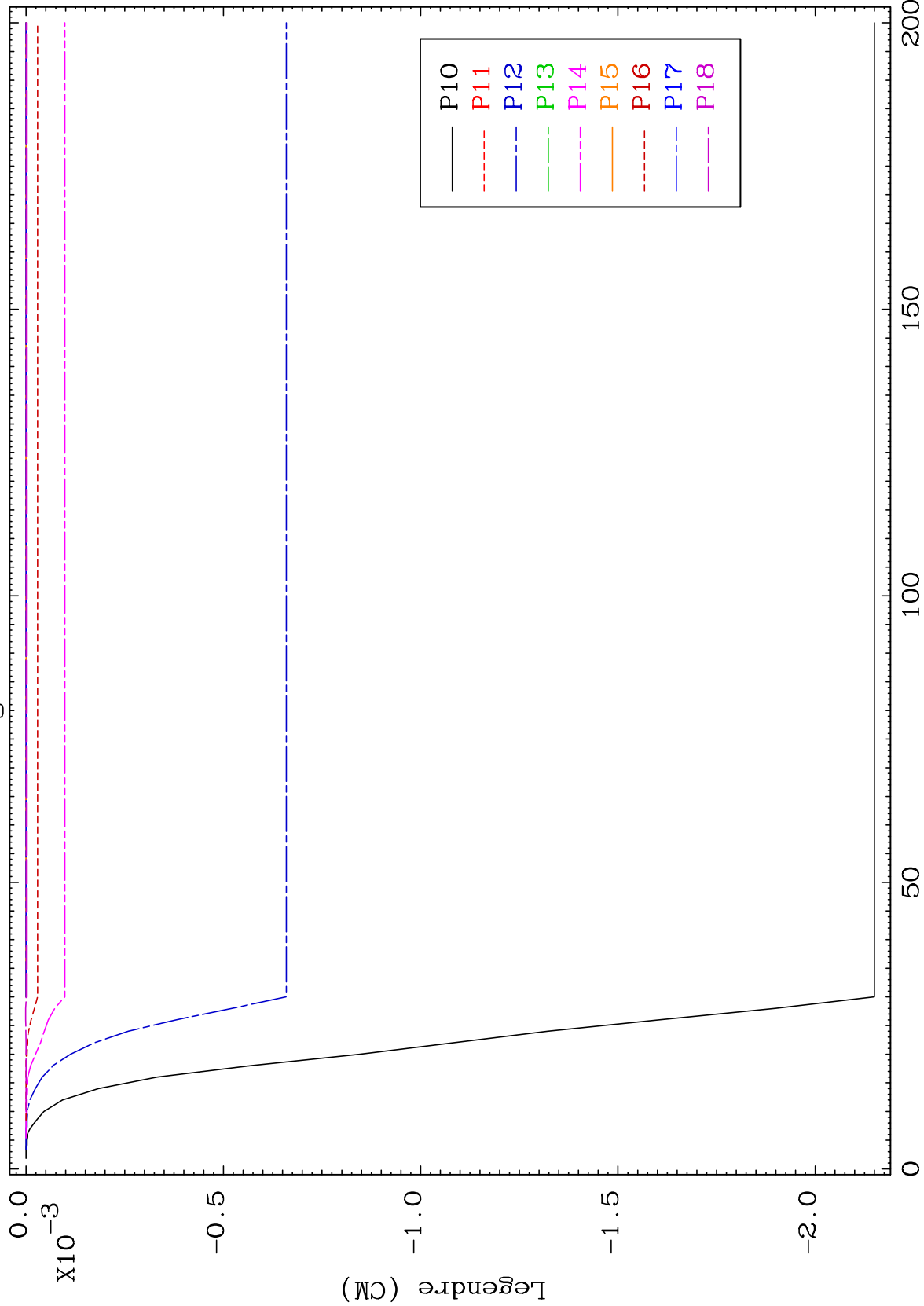
57-La-136



MAT 5719

MT= 60 (n,n') Level
Legendre Coefficients

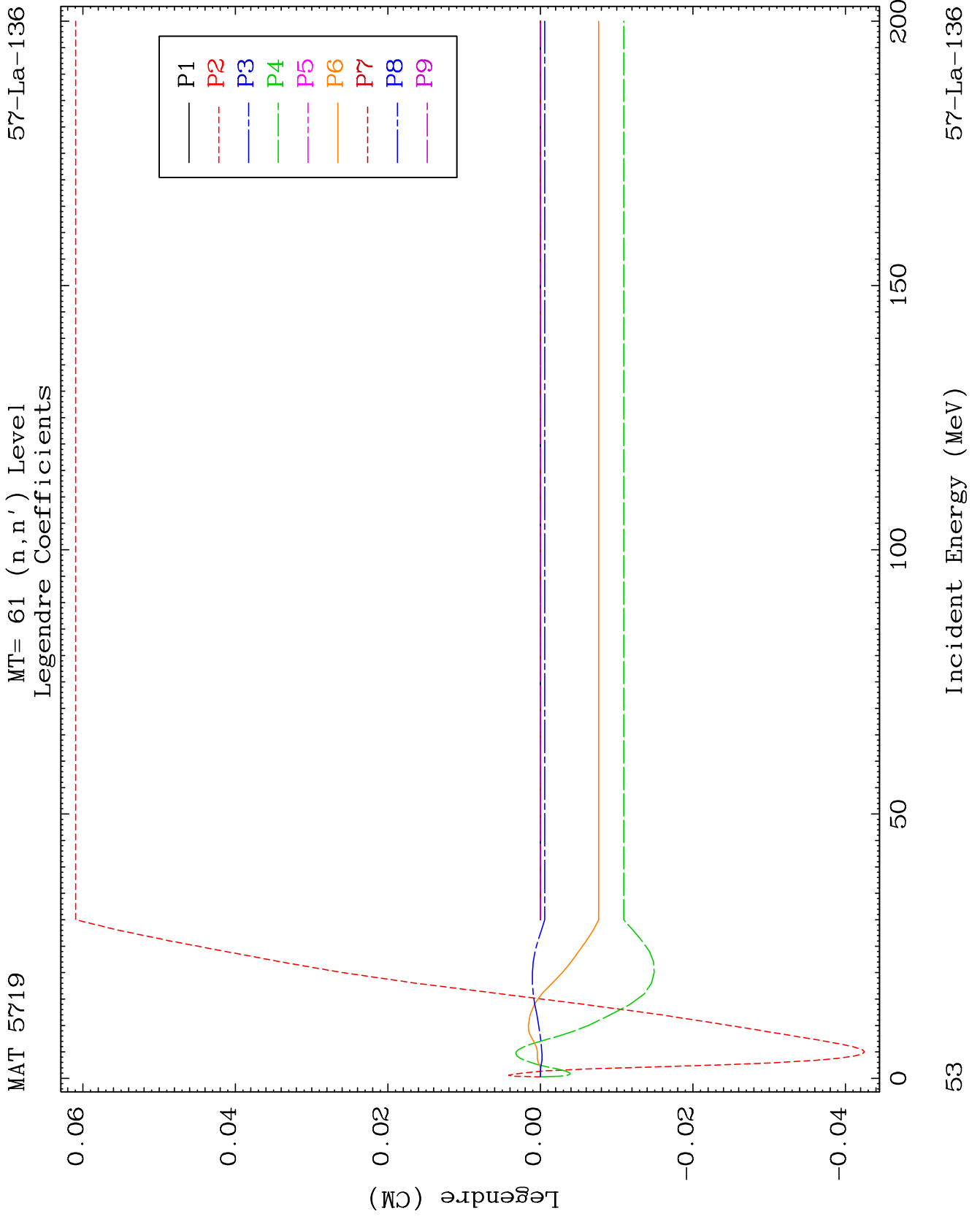
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51

Incident Energy (MeV)

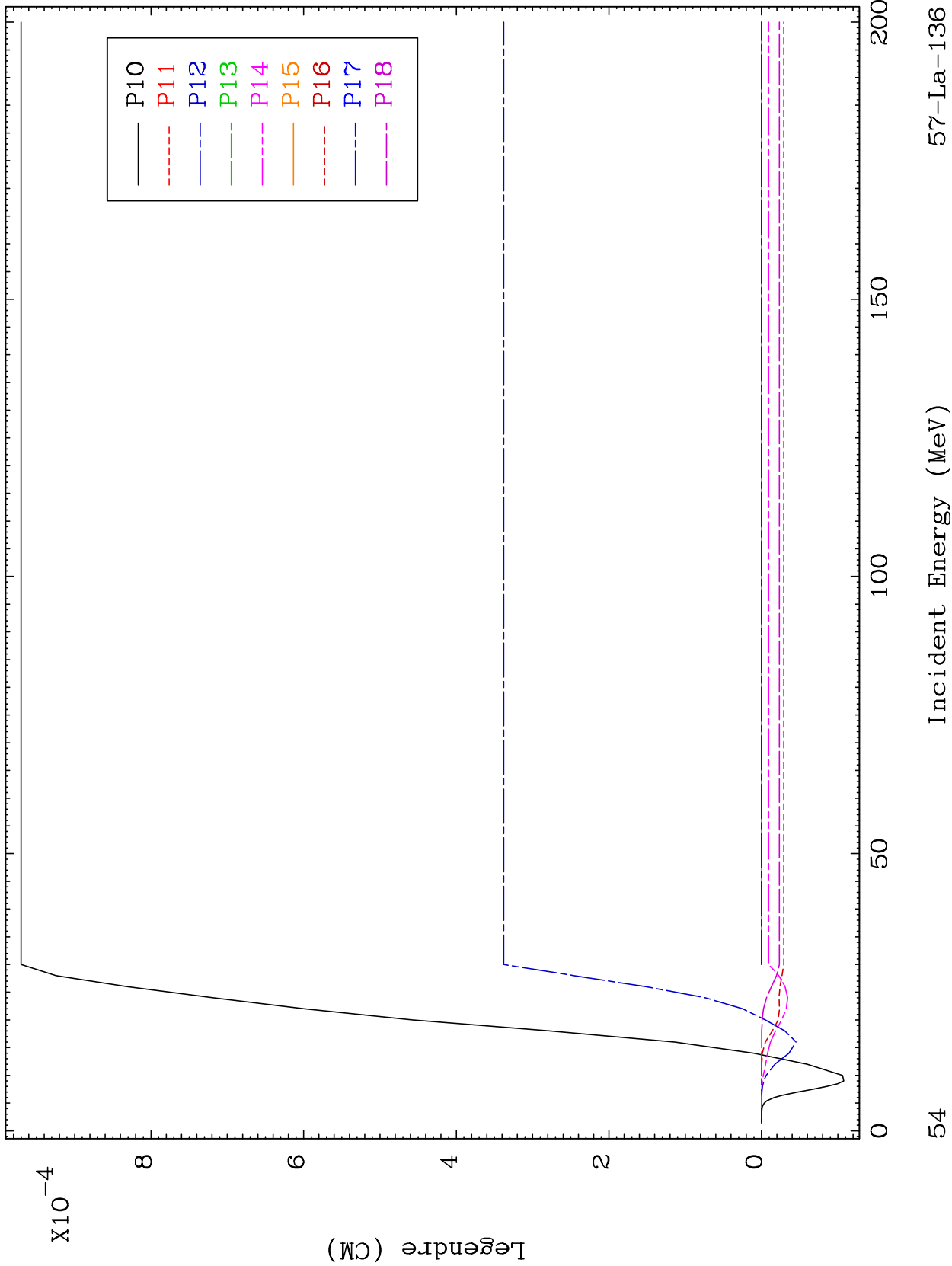
57-La-136



MAT 5719

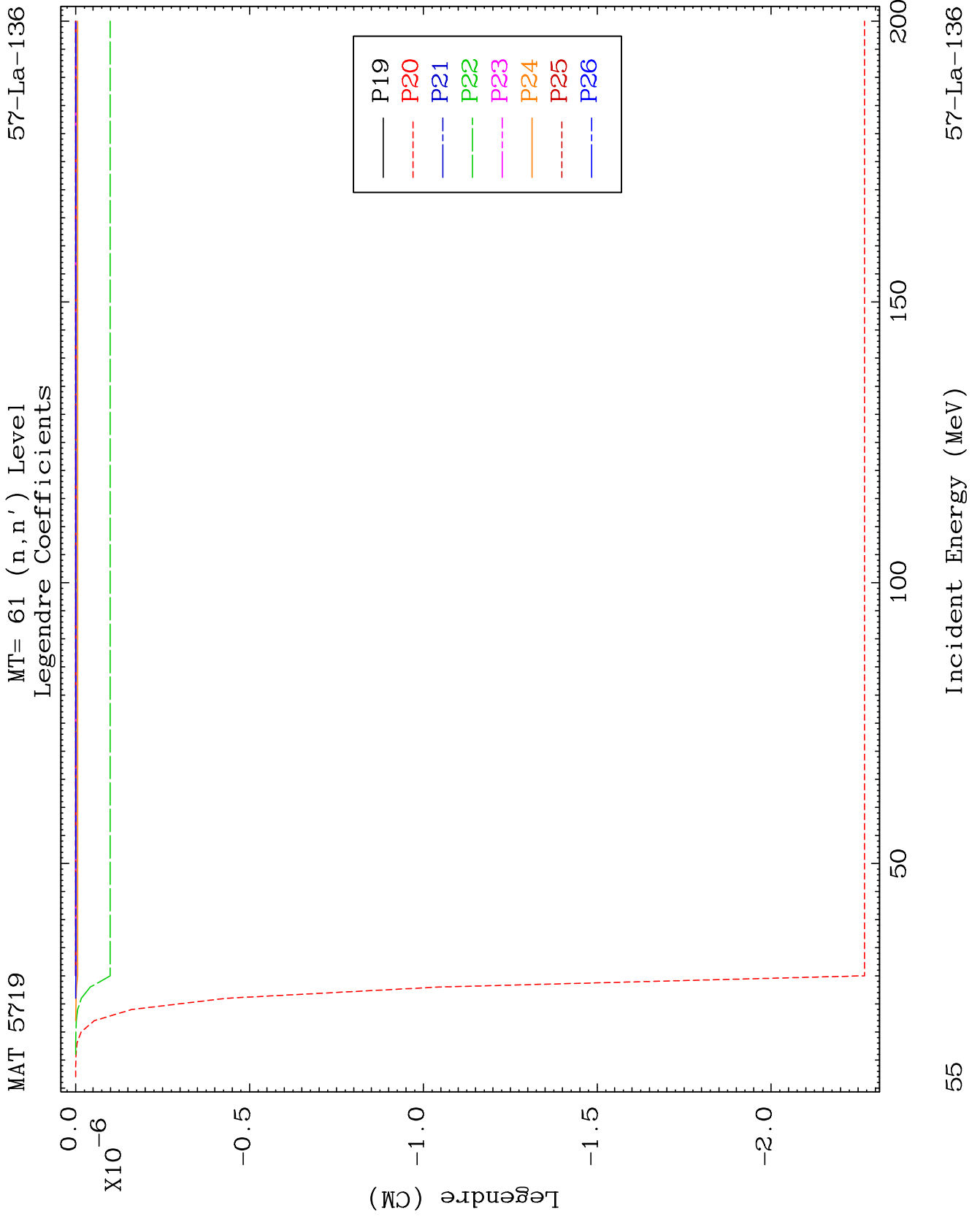
MT= 61 (n,n') Level
Legendre Coefficients

57-La-136



54

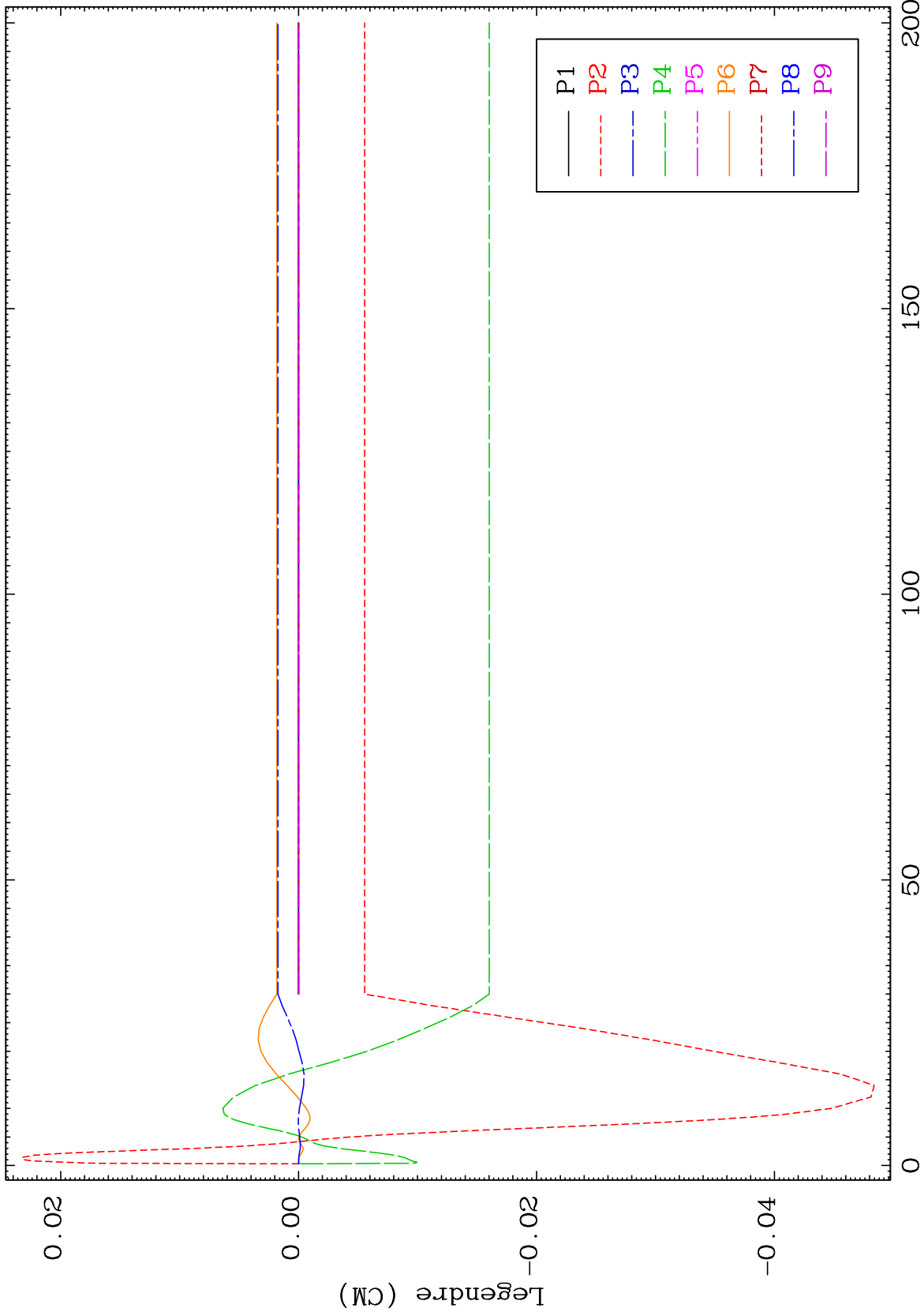
57-La-136



MAT 5719

MT= 62 (n,n') Level
Legendre Coefficients

57-La-136



56

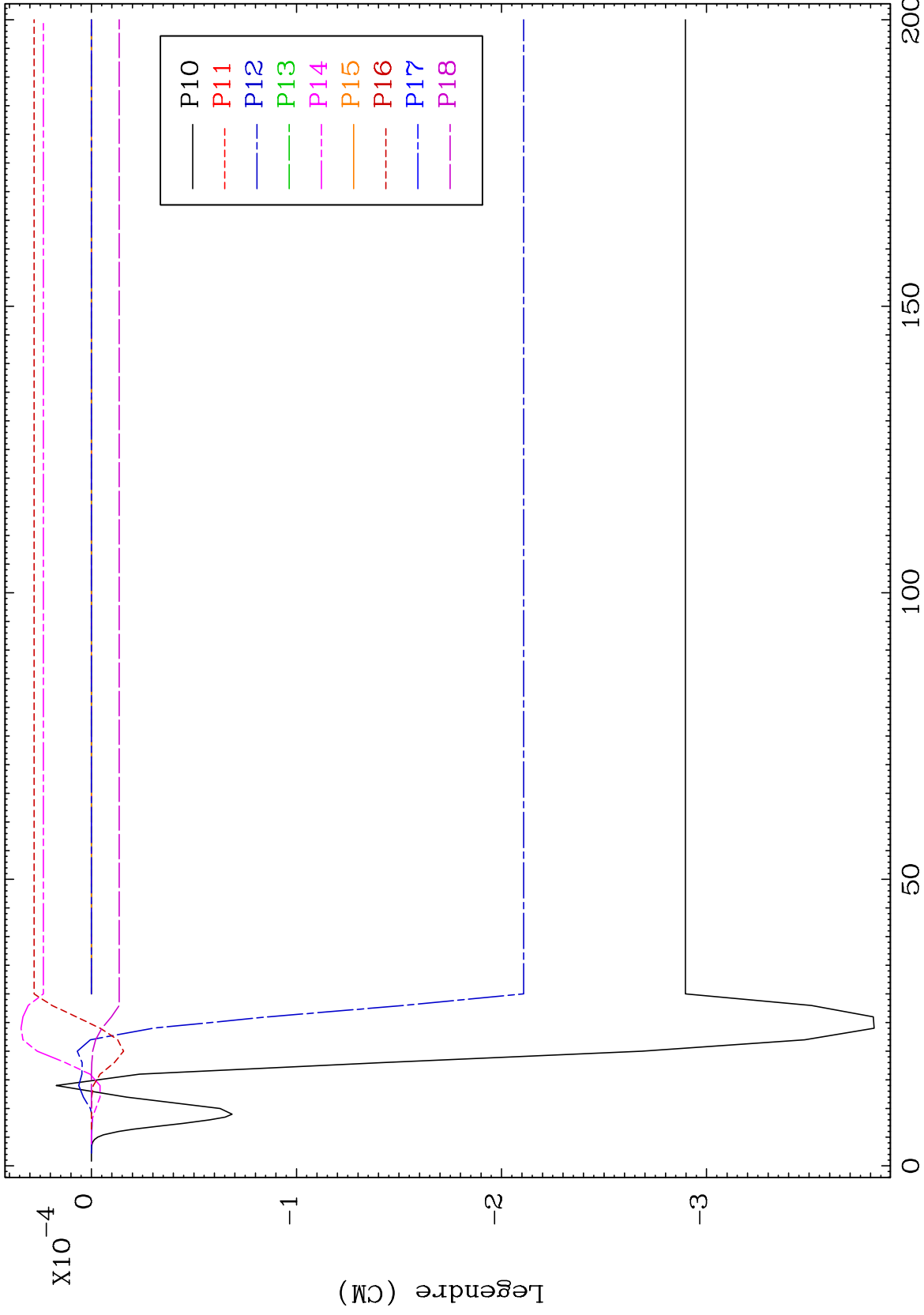
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 62 (n,n') Level
Legendre Coefficients

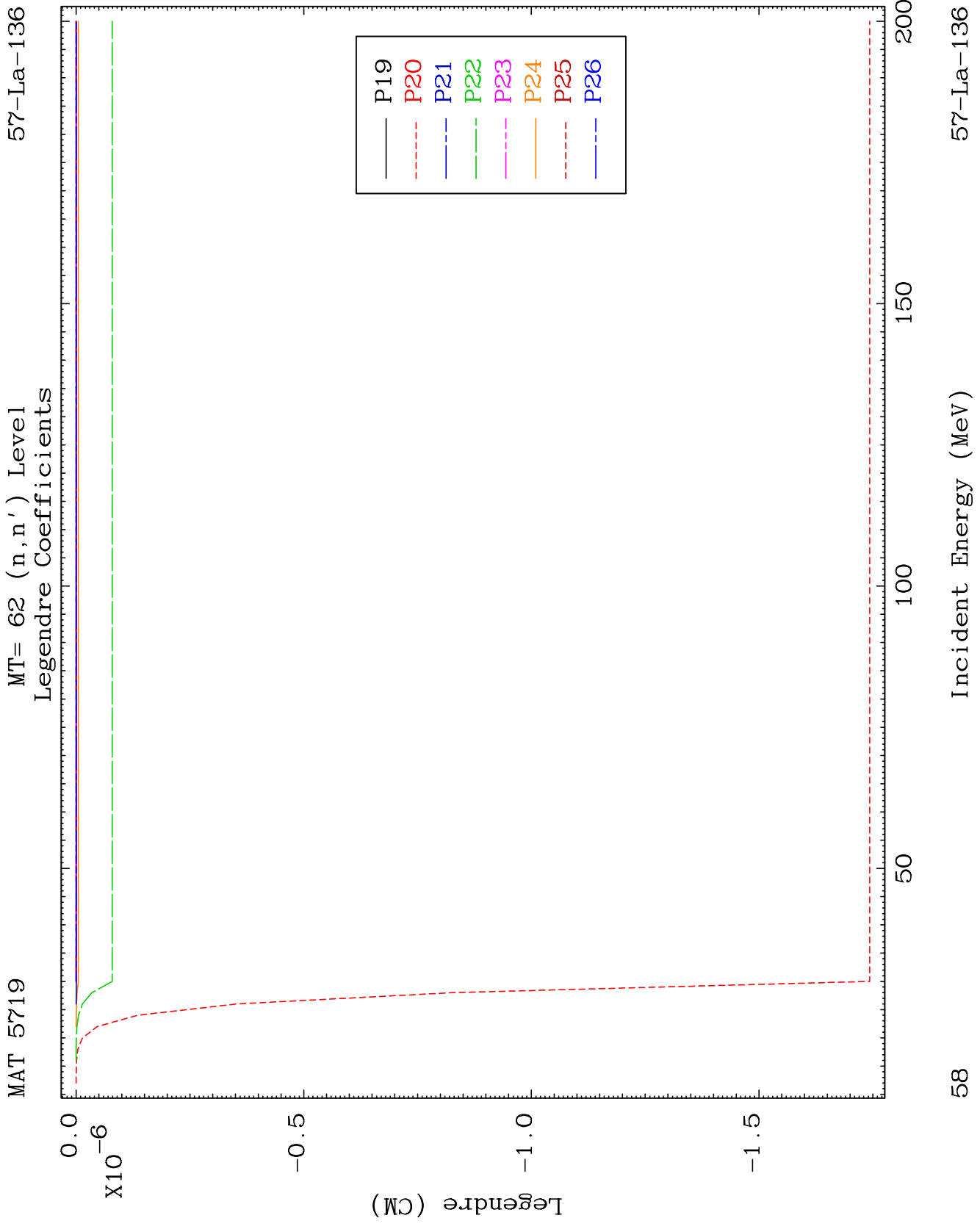
57-La-136



57

Incident Energy (MeV)

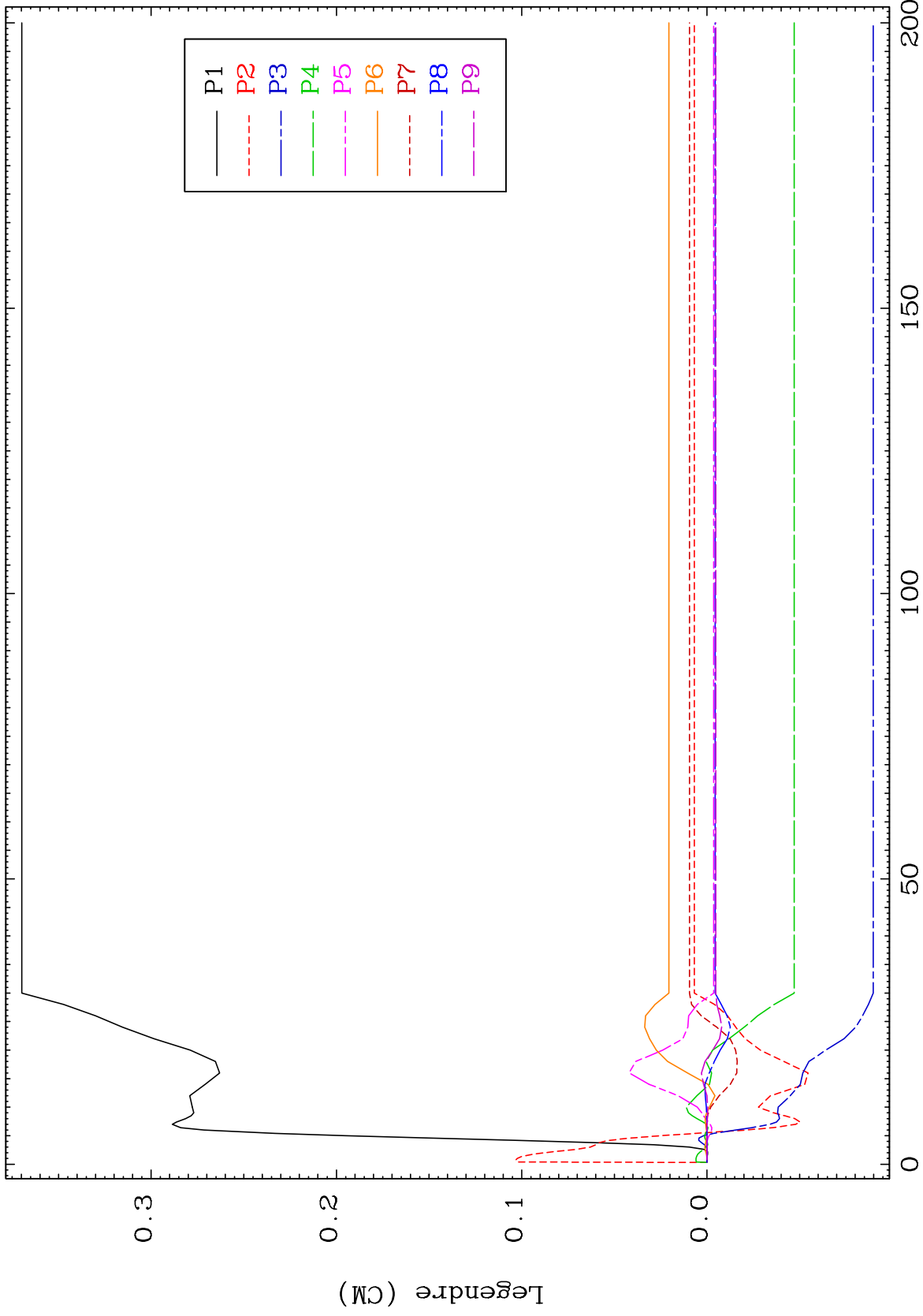
57-La-136



MAT 5719

MT= 63 (n,n') Level
Legendre Coefficients

57-La-136



59

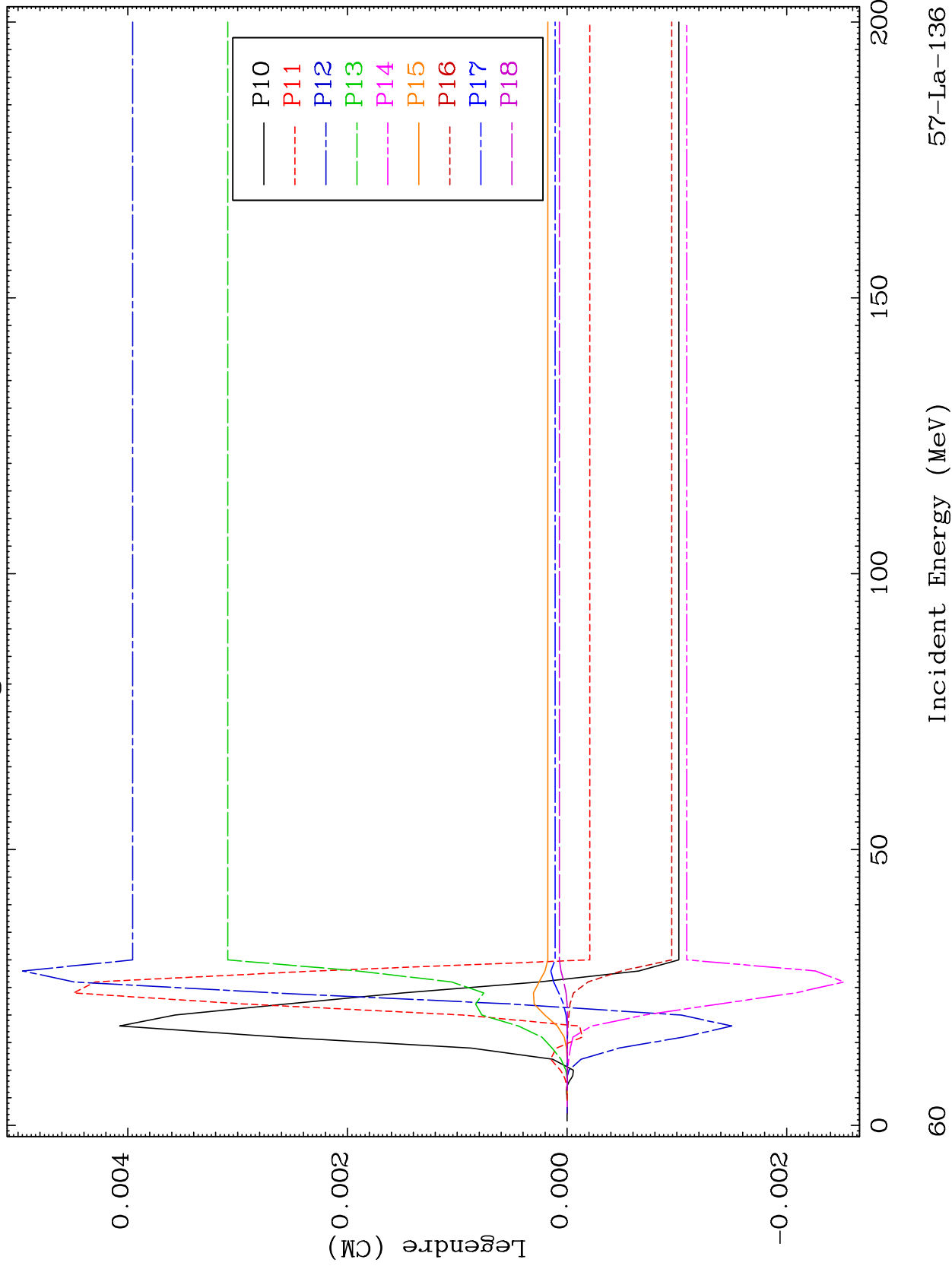
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 63 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

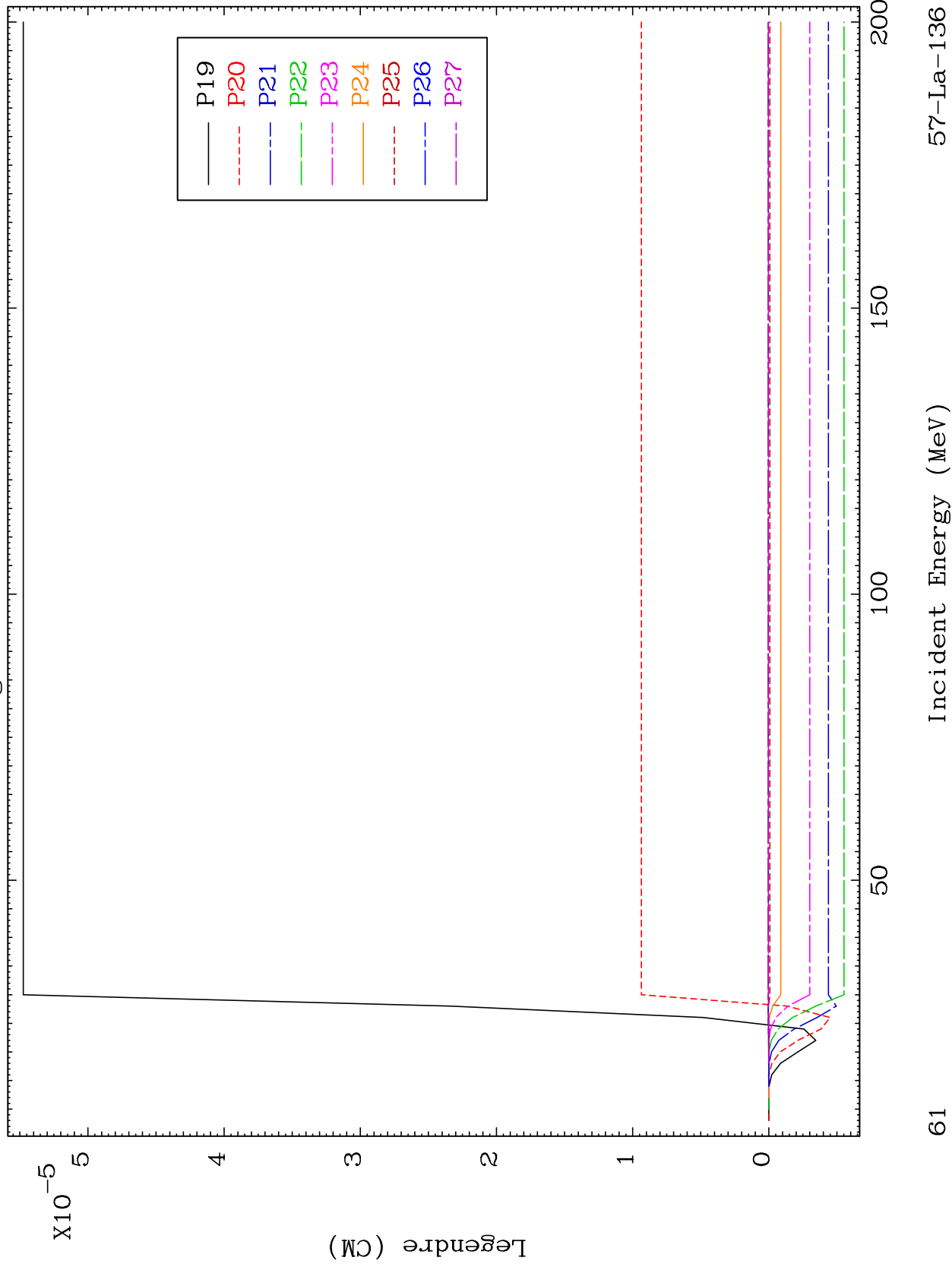
Incident Energy (MeV)

60

MAT 5719

MT= 63 (n,n') Level
Legendre Coefficients

57-La-136



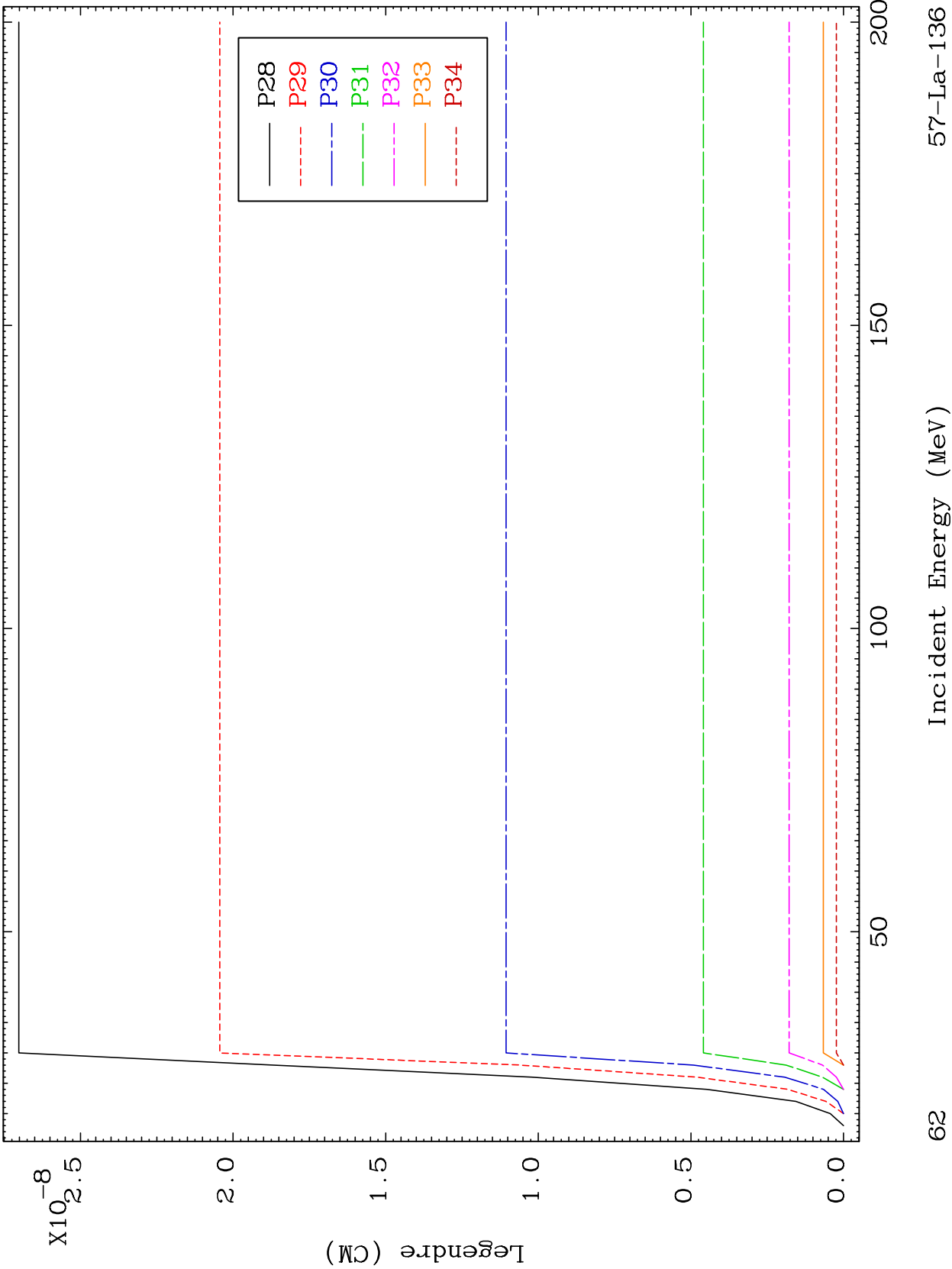
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57-La-136

MAT 5719

MT= 63 (n,n') Level
Legendre Coefficients

57-La-136



62

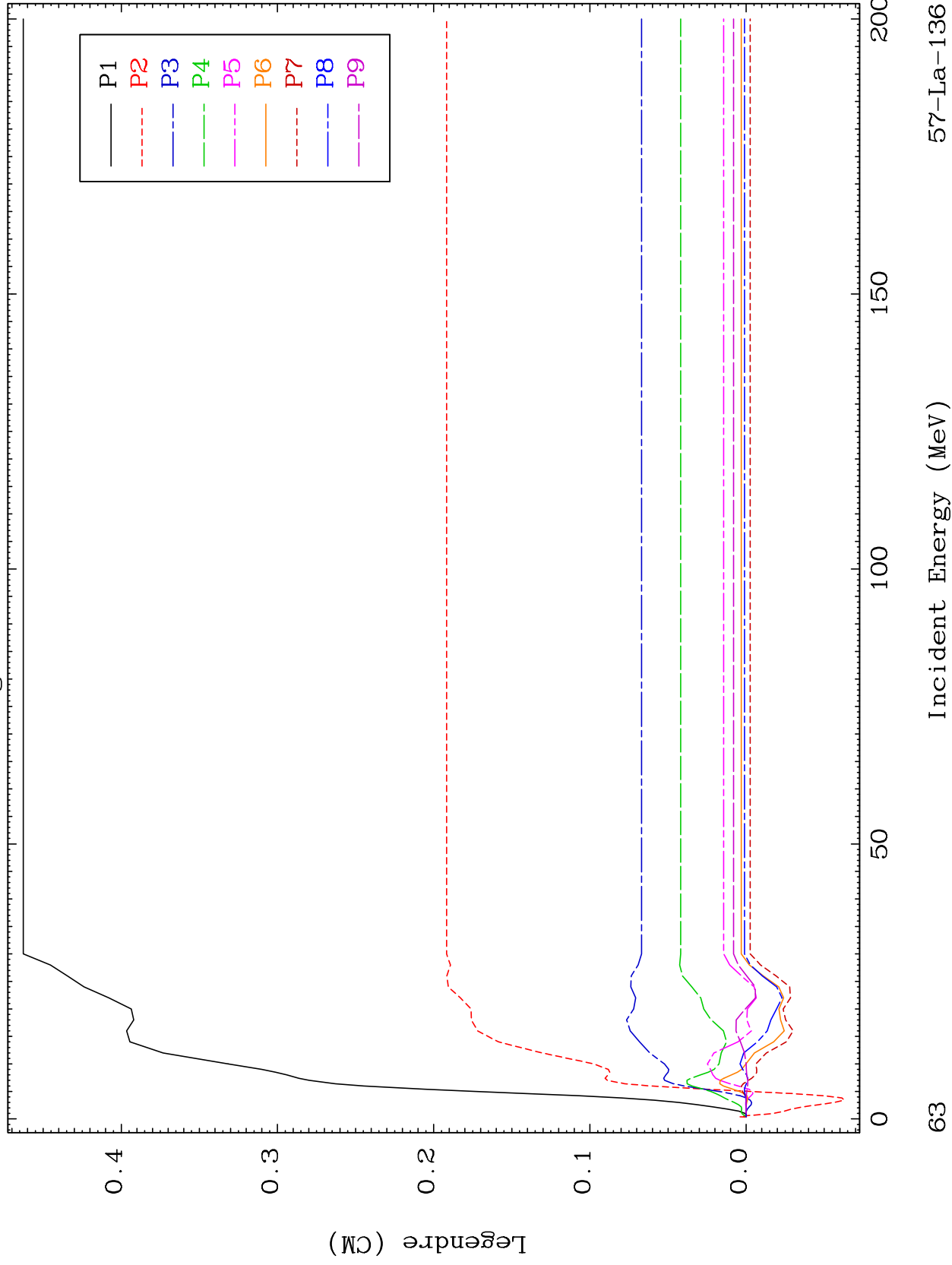
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 64 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

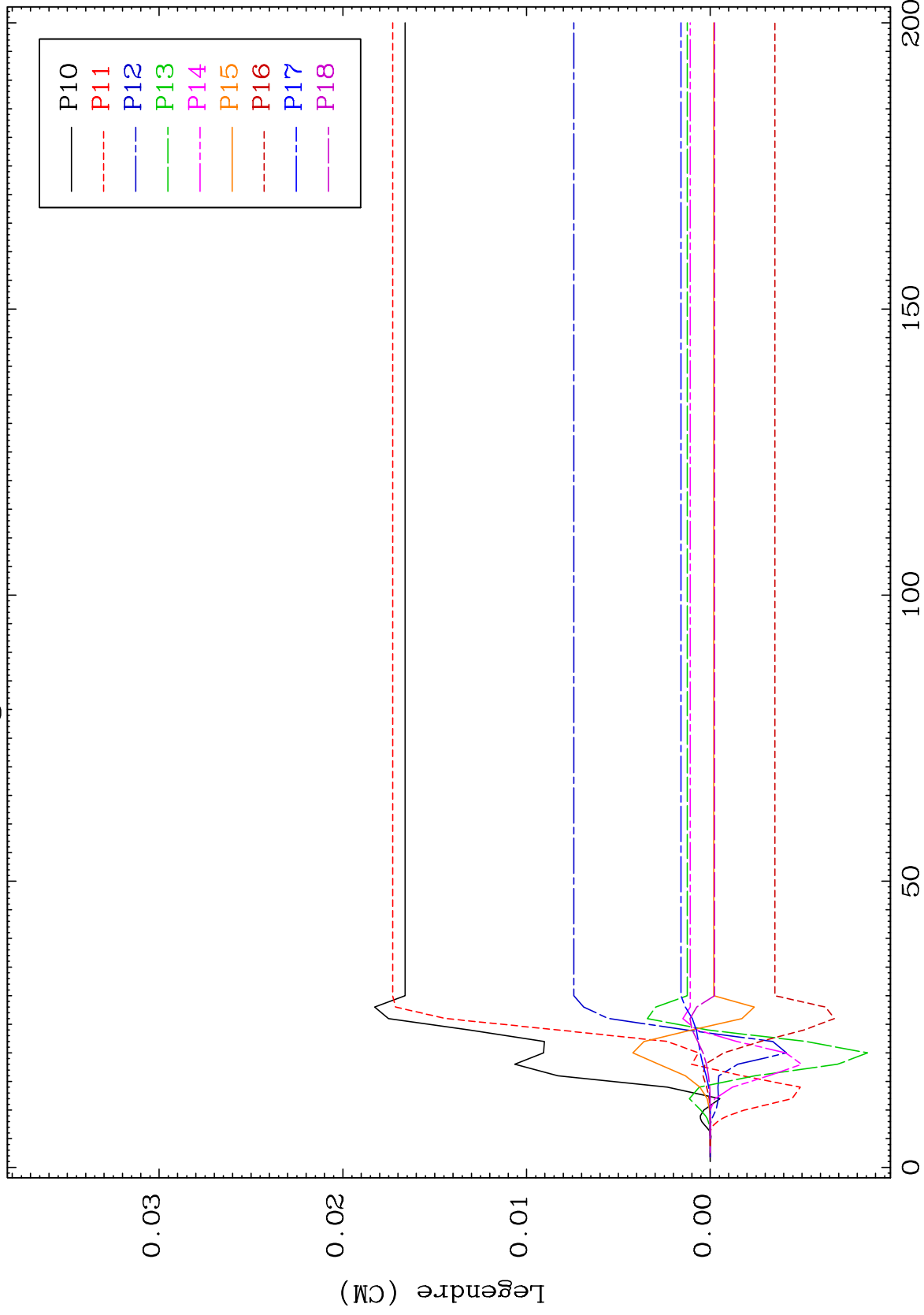
Incident Energy (MeV)

63

MAT 5719

MT= 64 (n,n') Level
Legendre Coefficients

57-La-136



64

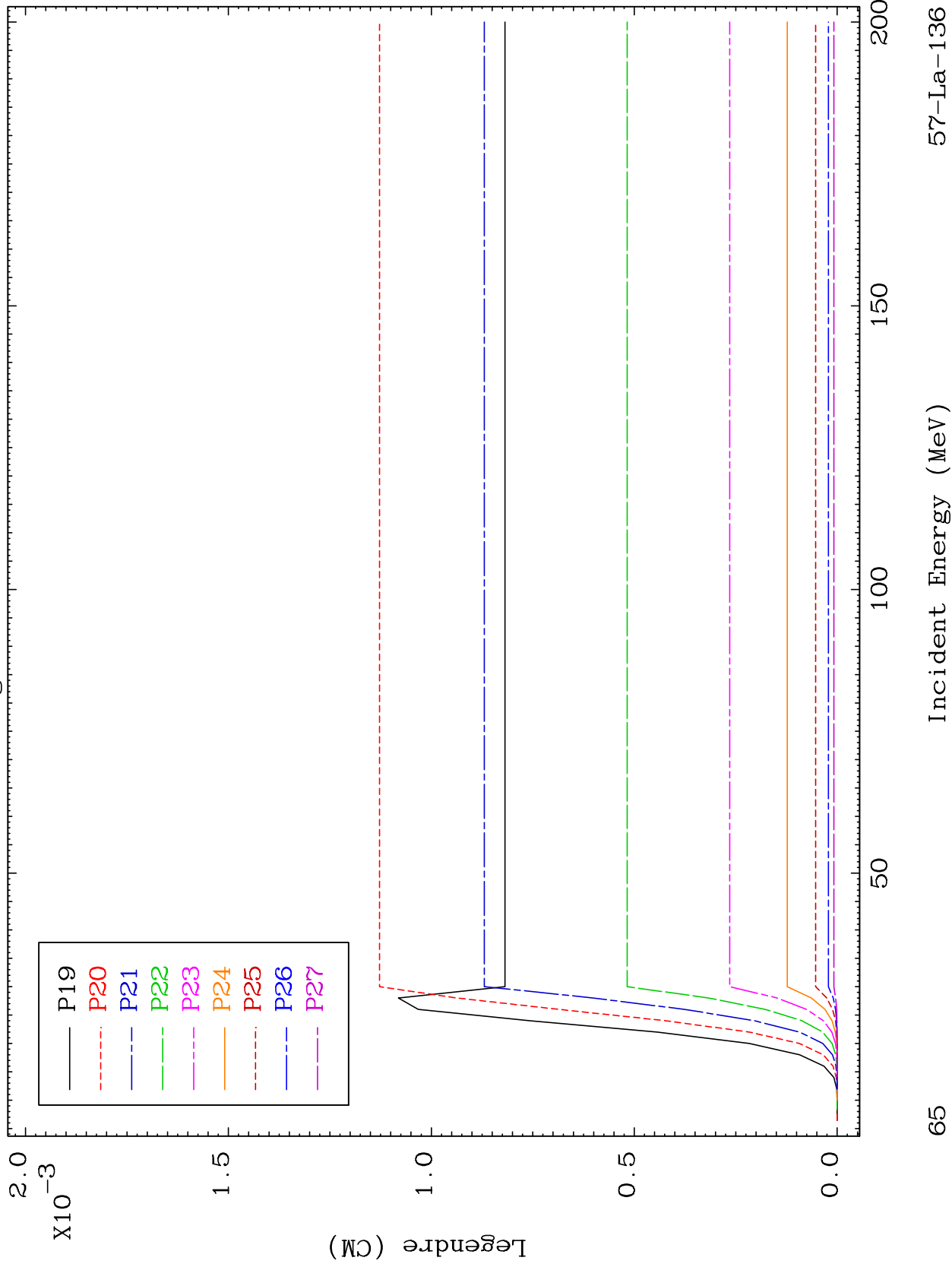
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 64 (n,n') Level
Legendre Coefficients

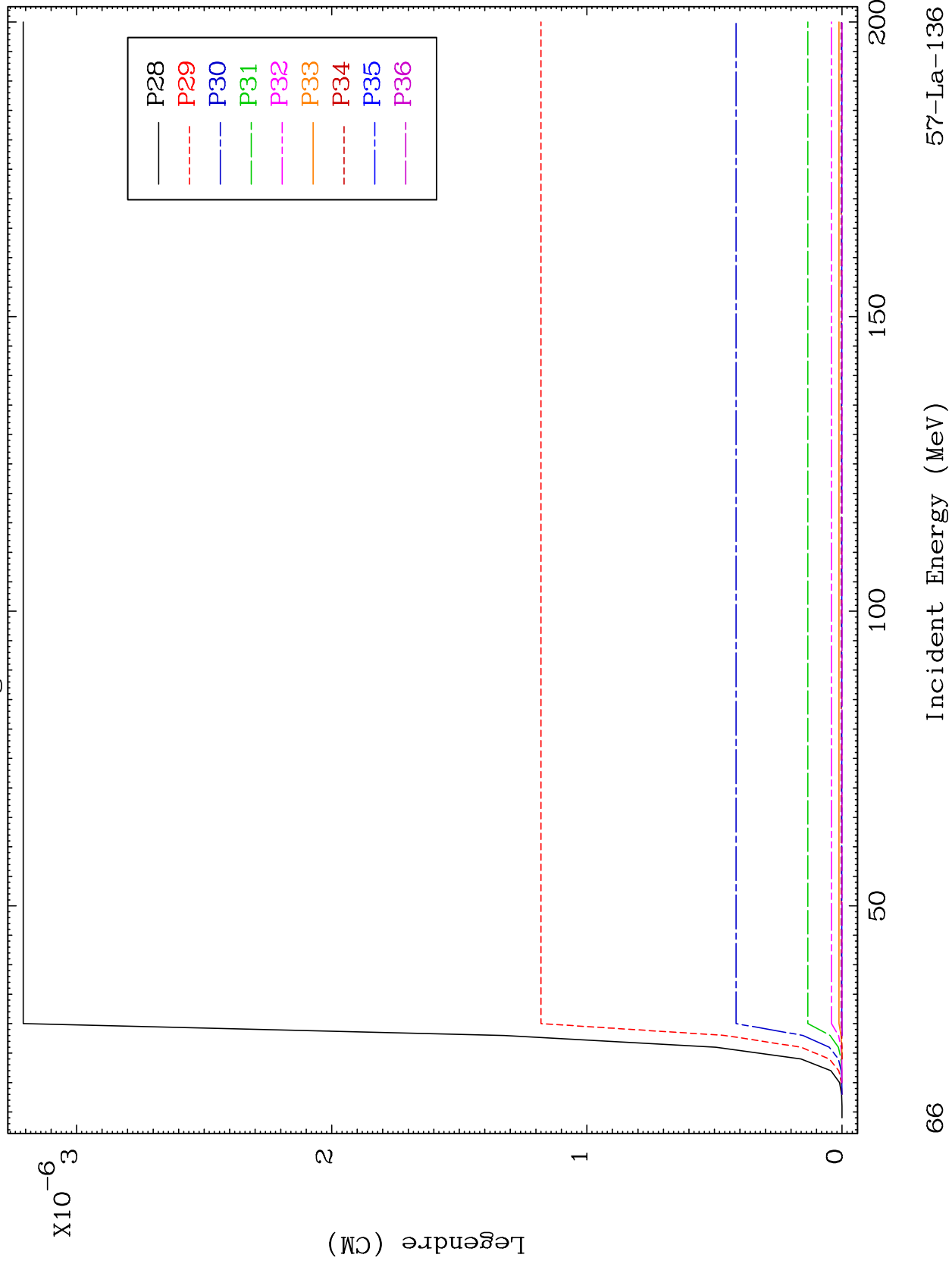
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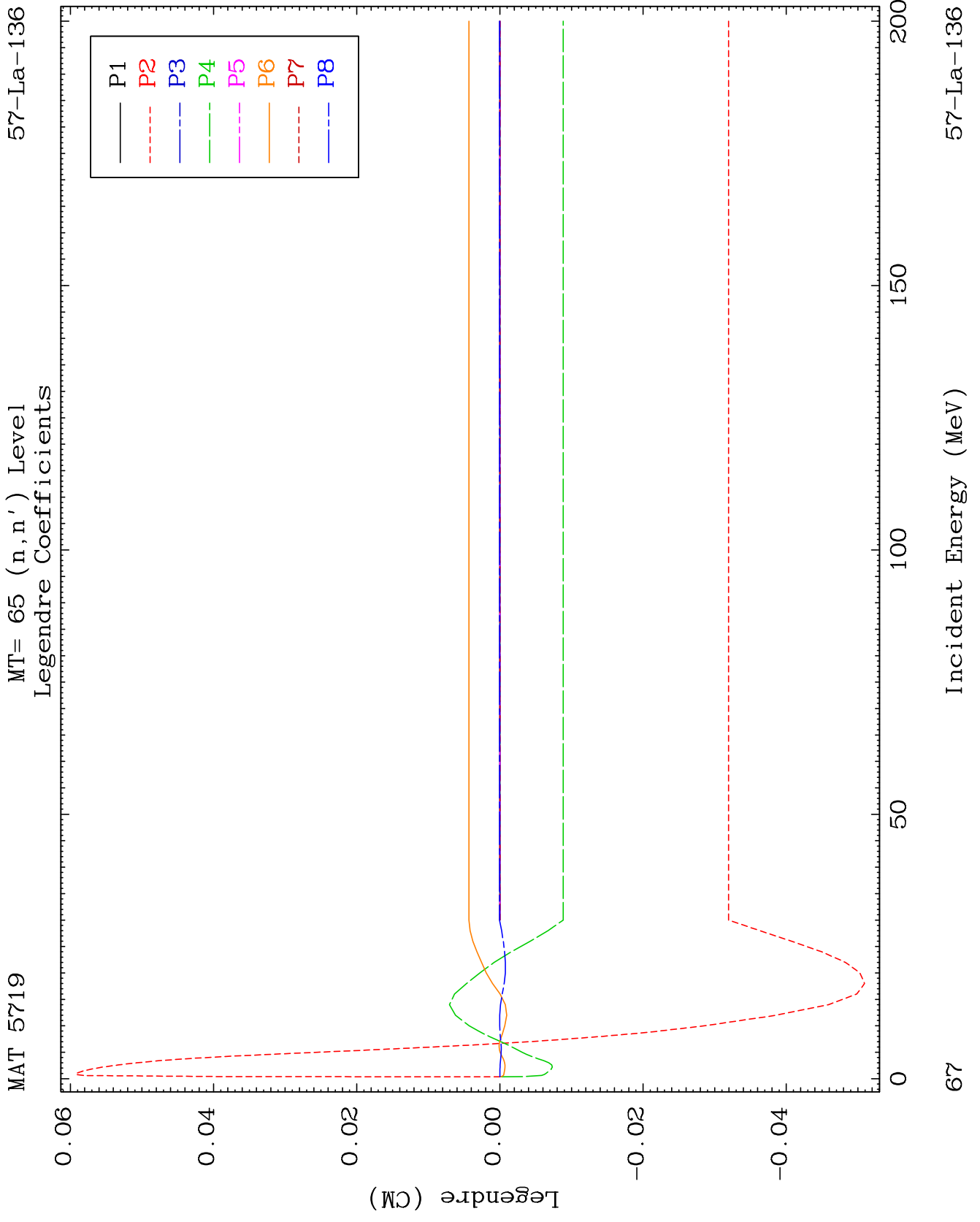


MAT 5719

MT= 64 (n,n') Level
Legendre Coefficients

57-La-136

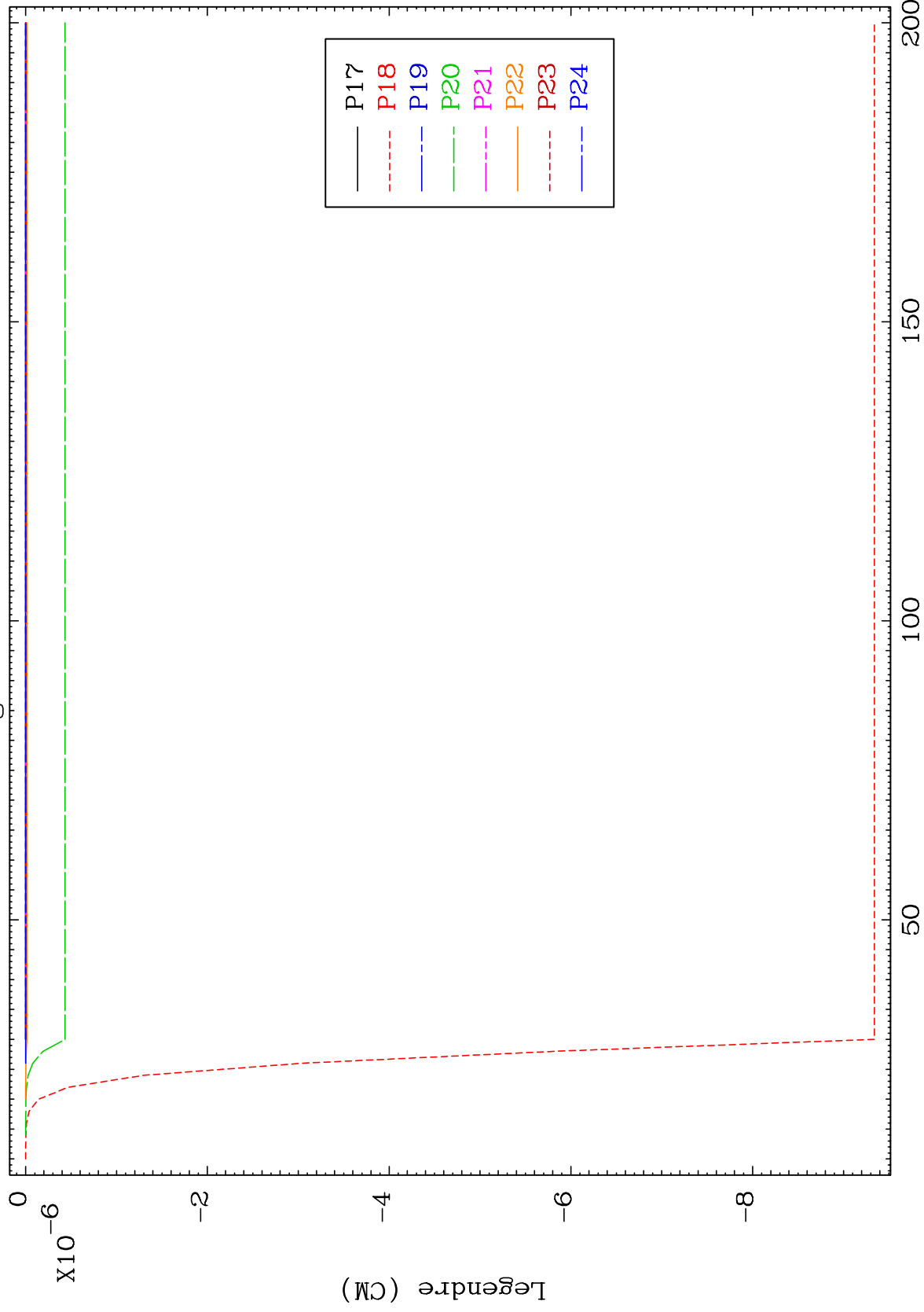




MAT 5719

MT= 65 (n,n') Level
Legendre Coefficients

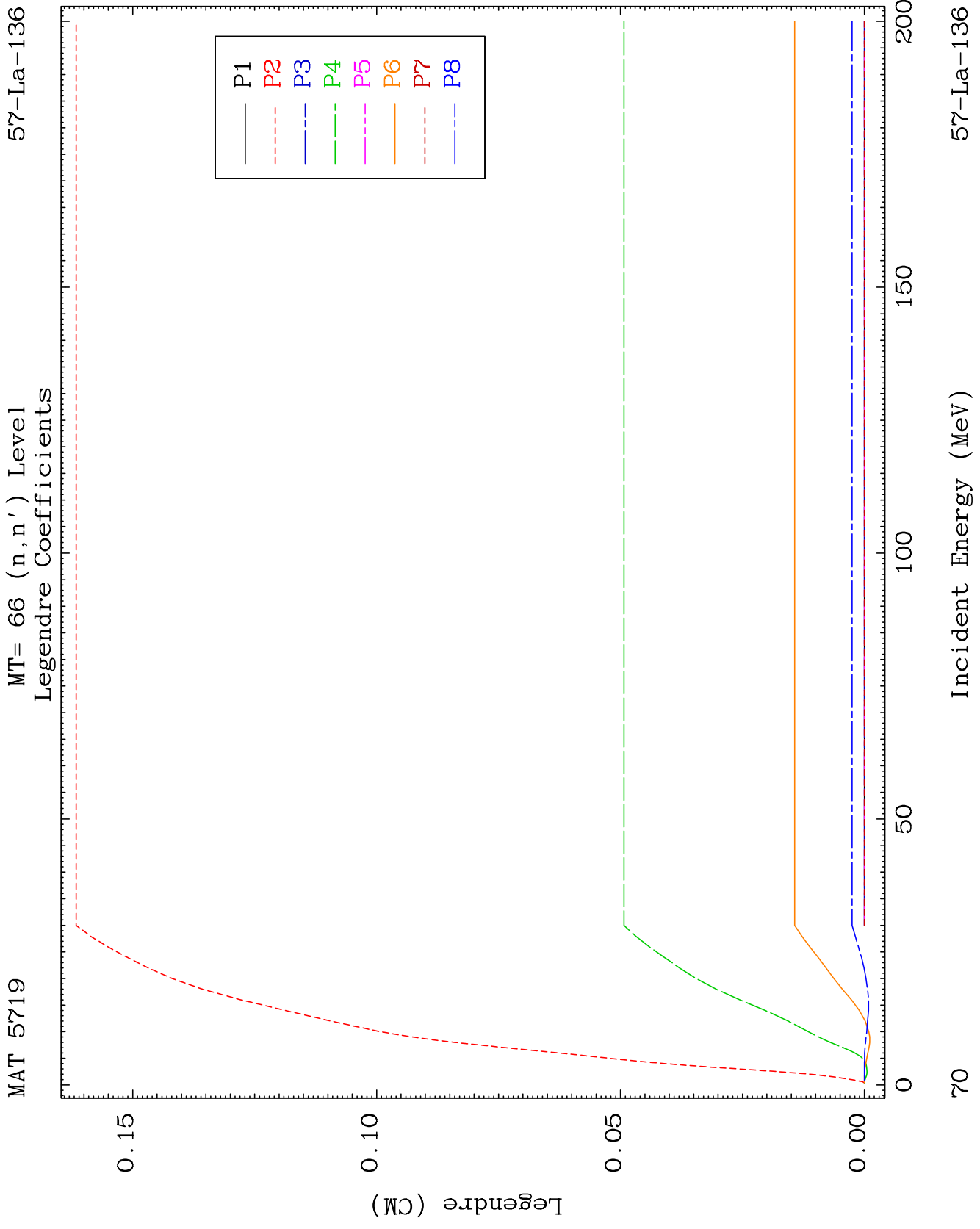
57-La-136



69

Incident Energy (MeV)

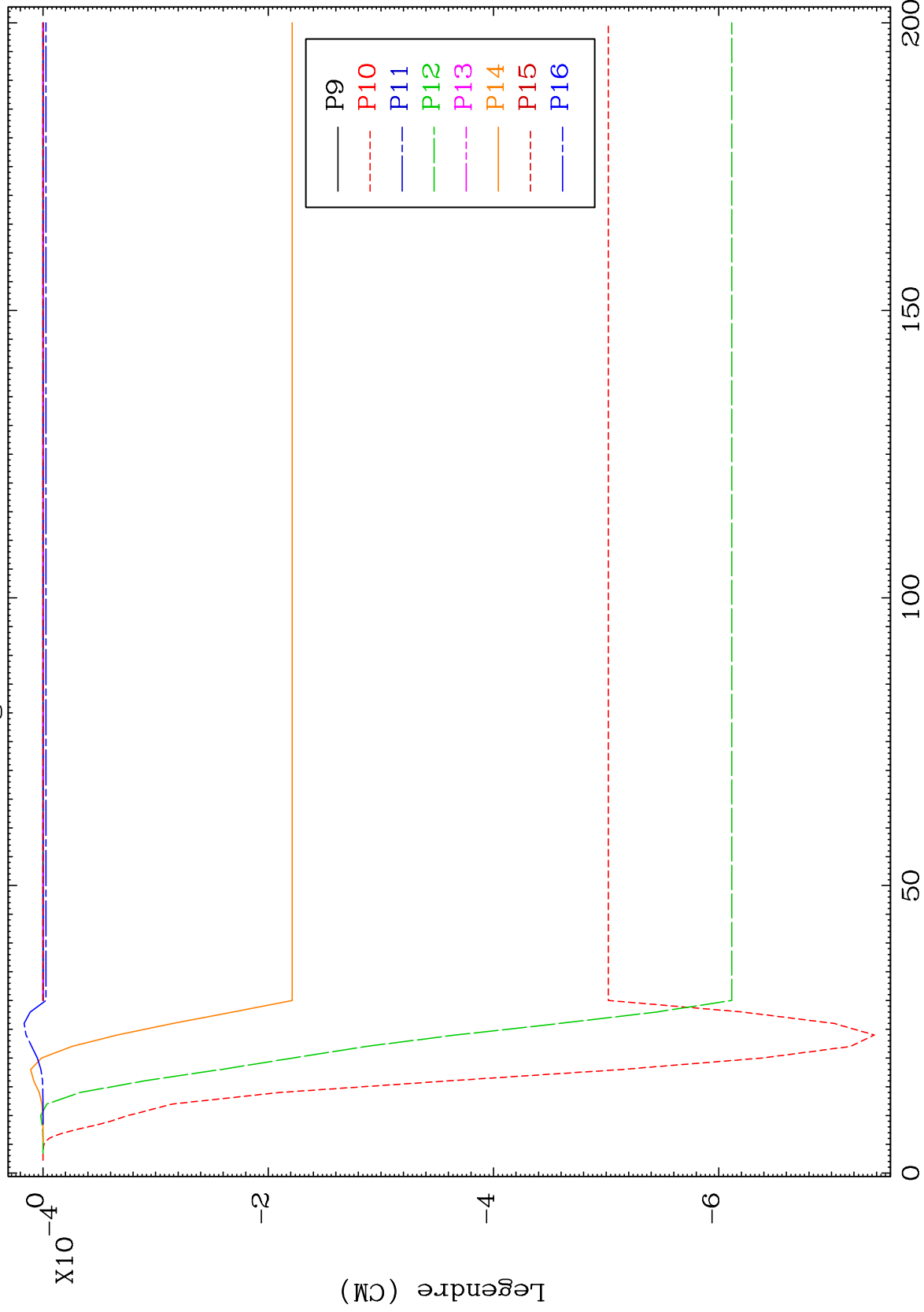
57-La-136



MAT 5719

MT= 66 (n,n') Level
Legendre Coefficients

57-La-136



71

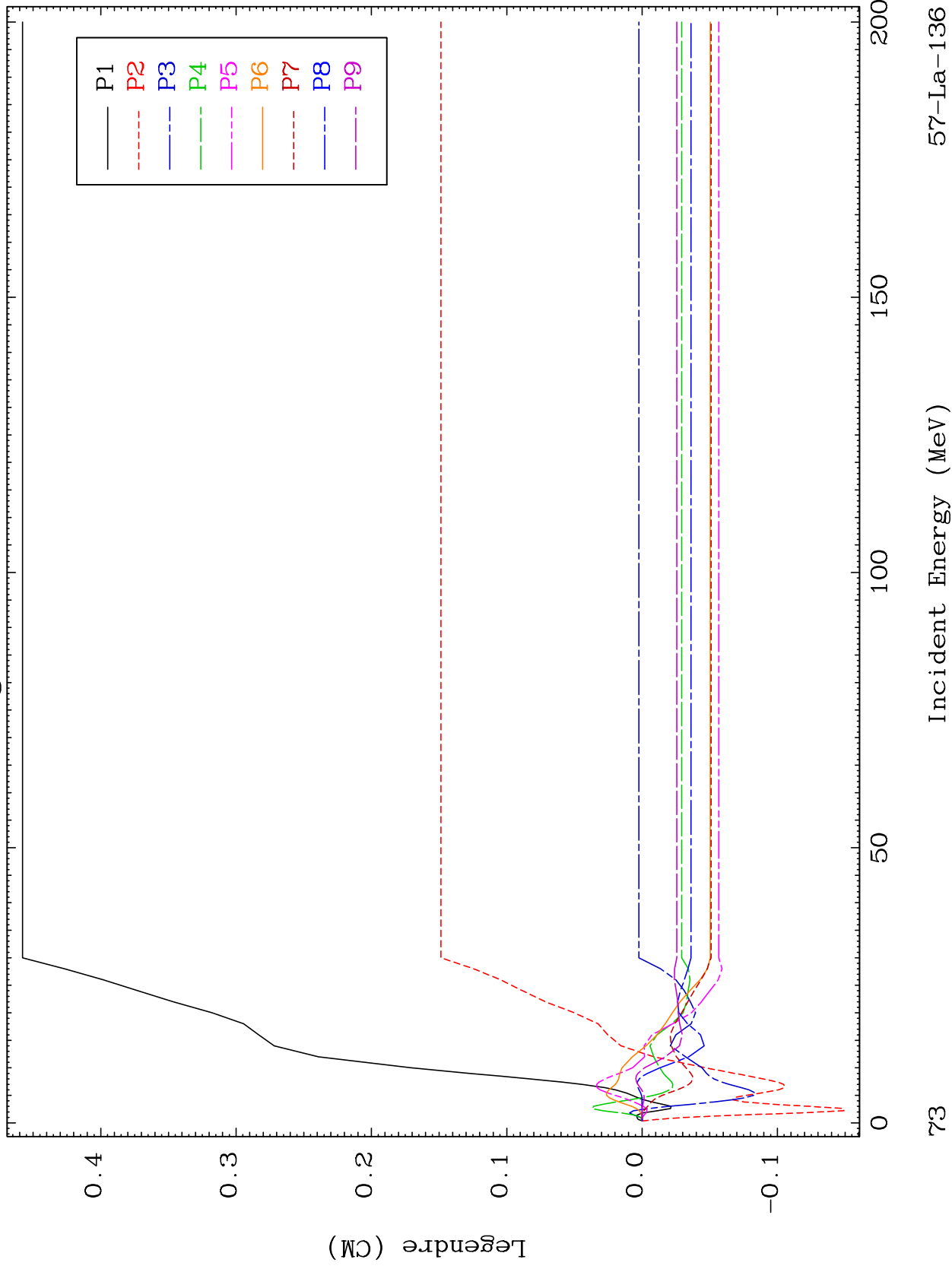
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 67 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

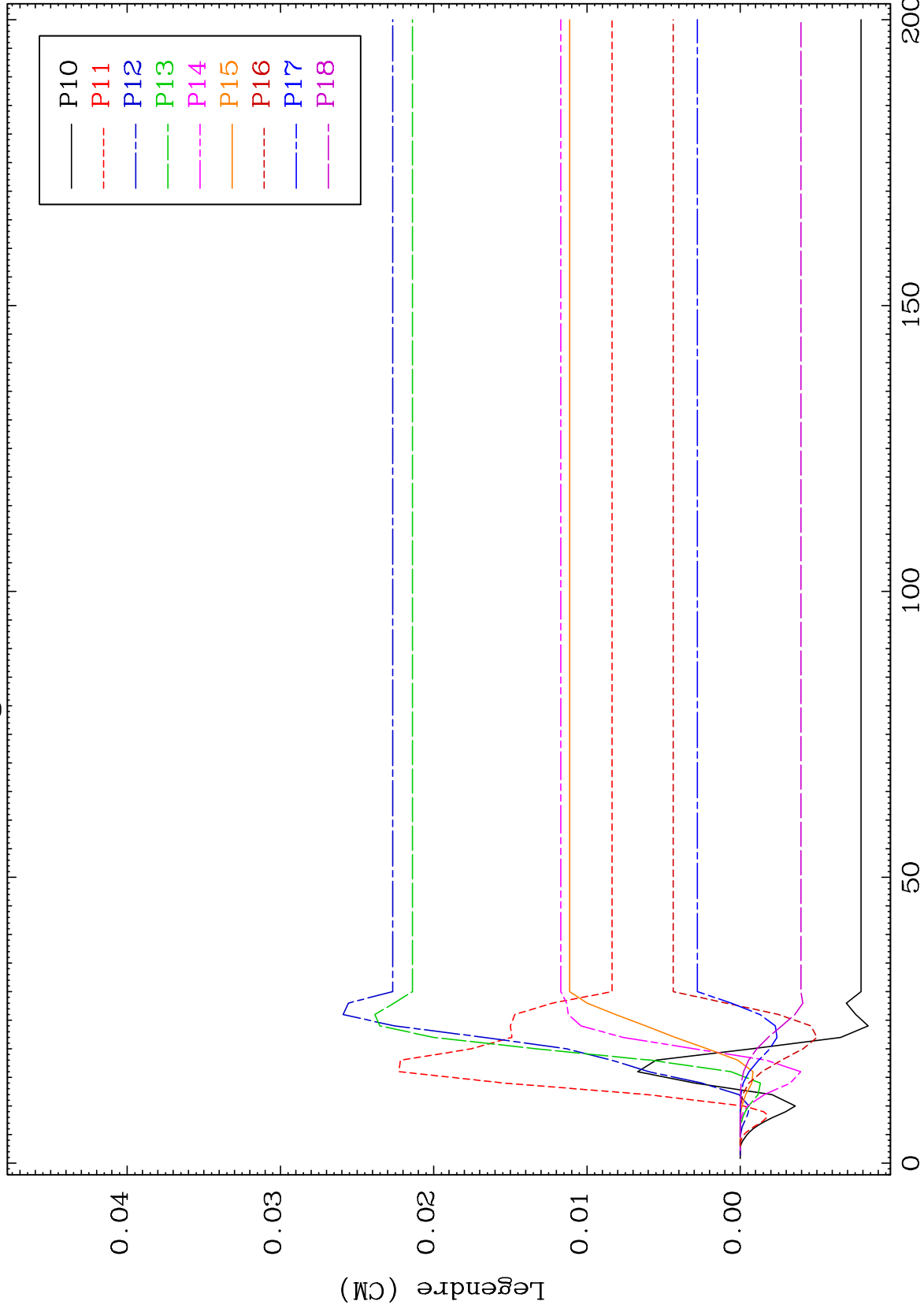
Incident Energy (MeV)

73

MAT 5719

MT= 67 (n,n') Level
Legendre Coefficients

57-La-136



74

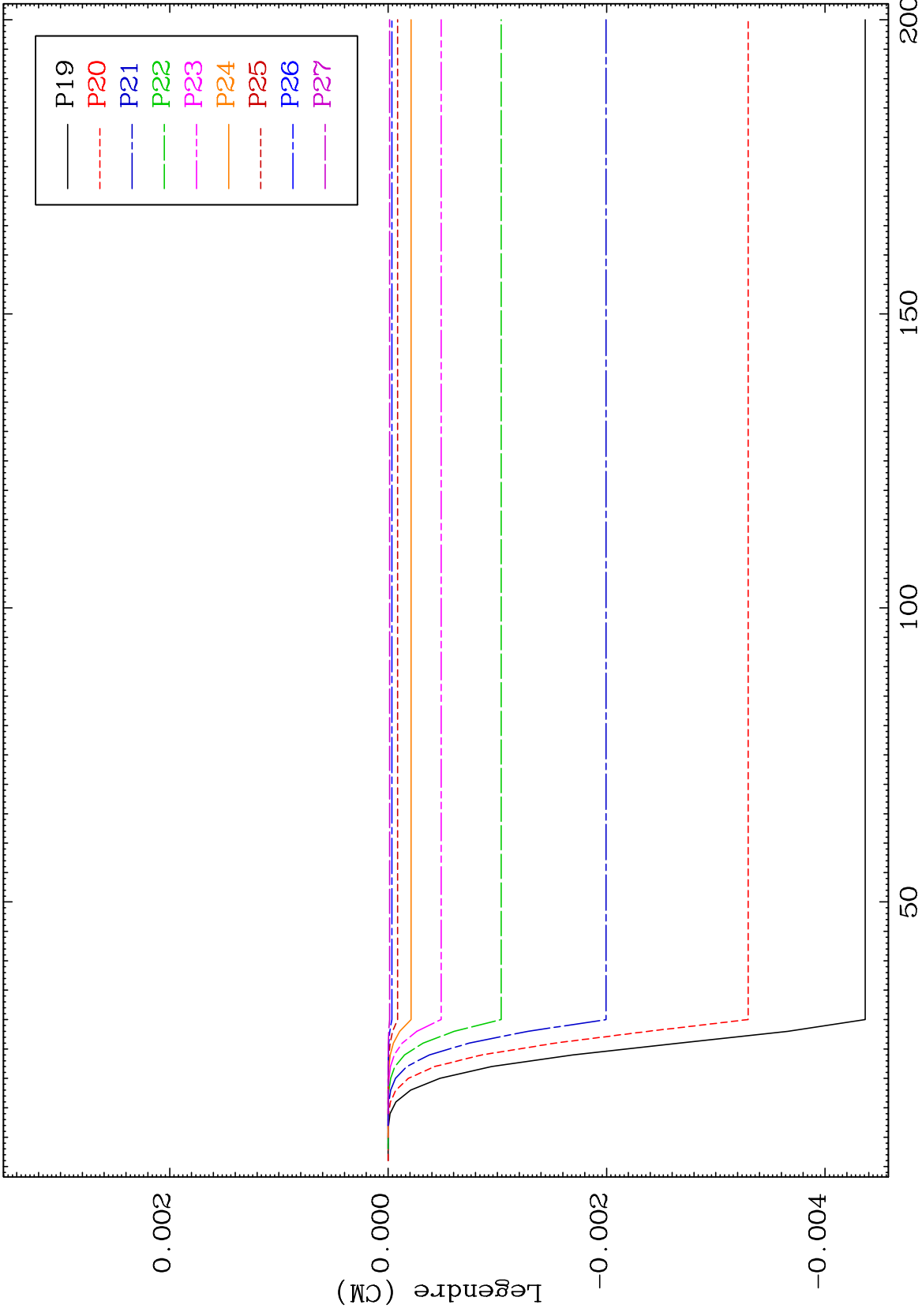
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 67 (n,n') Level
Legendre Coefficients

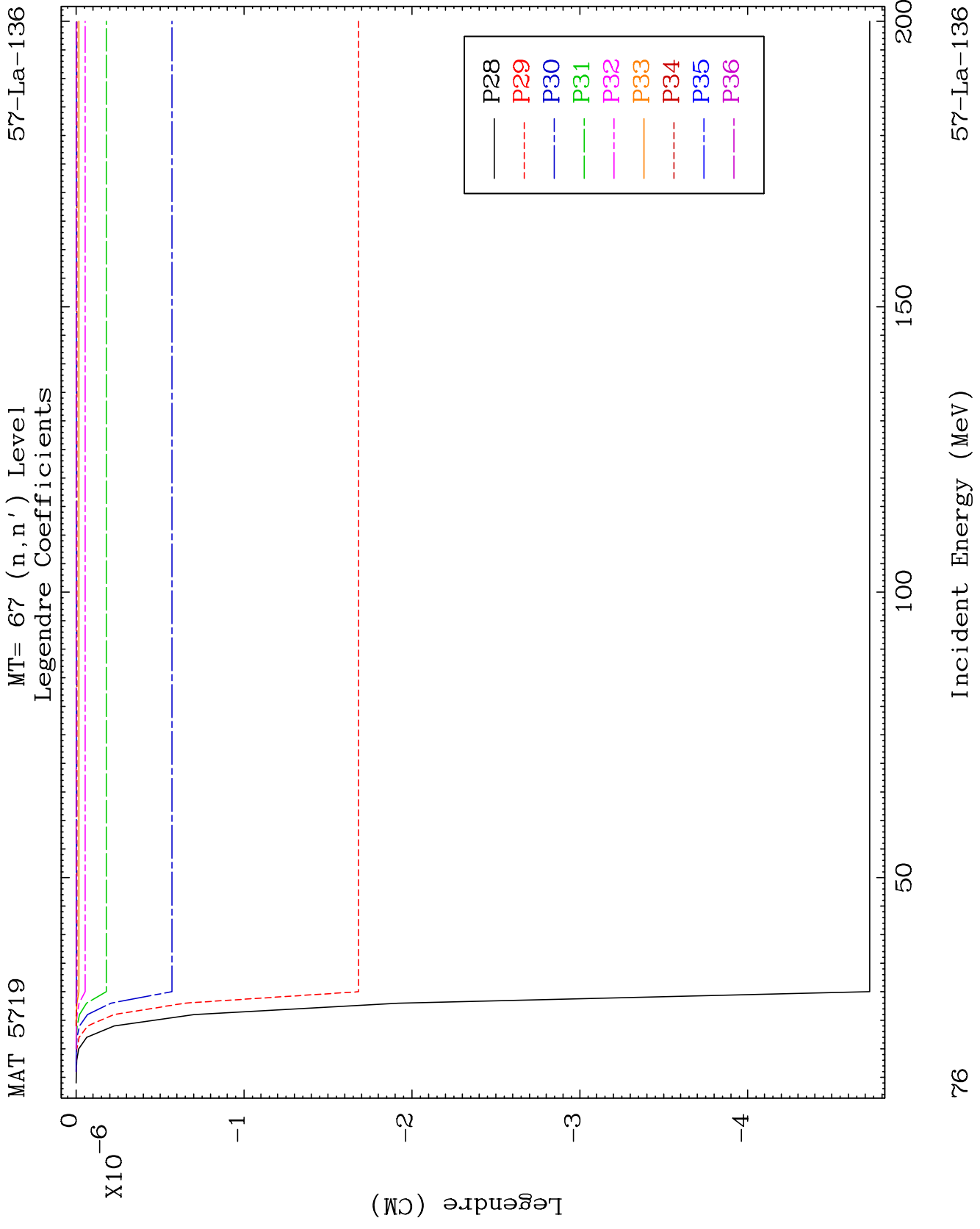
57-La-136



75

Incident Energy (MeV)

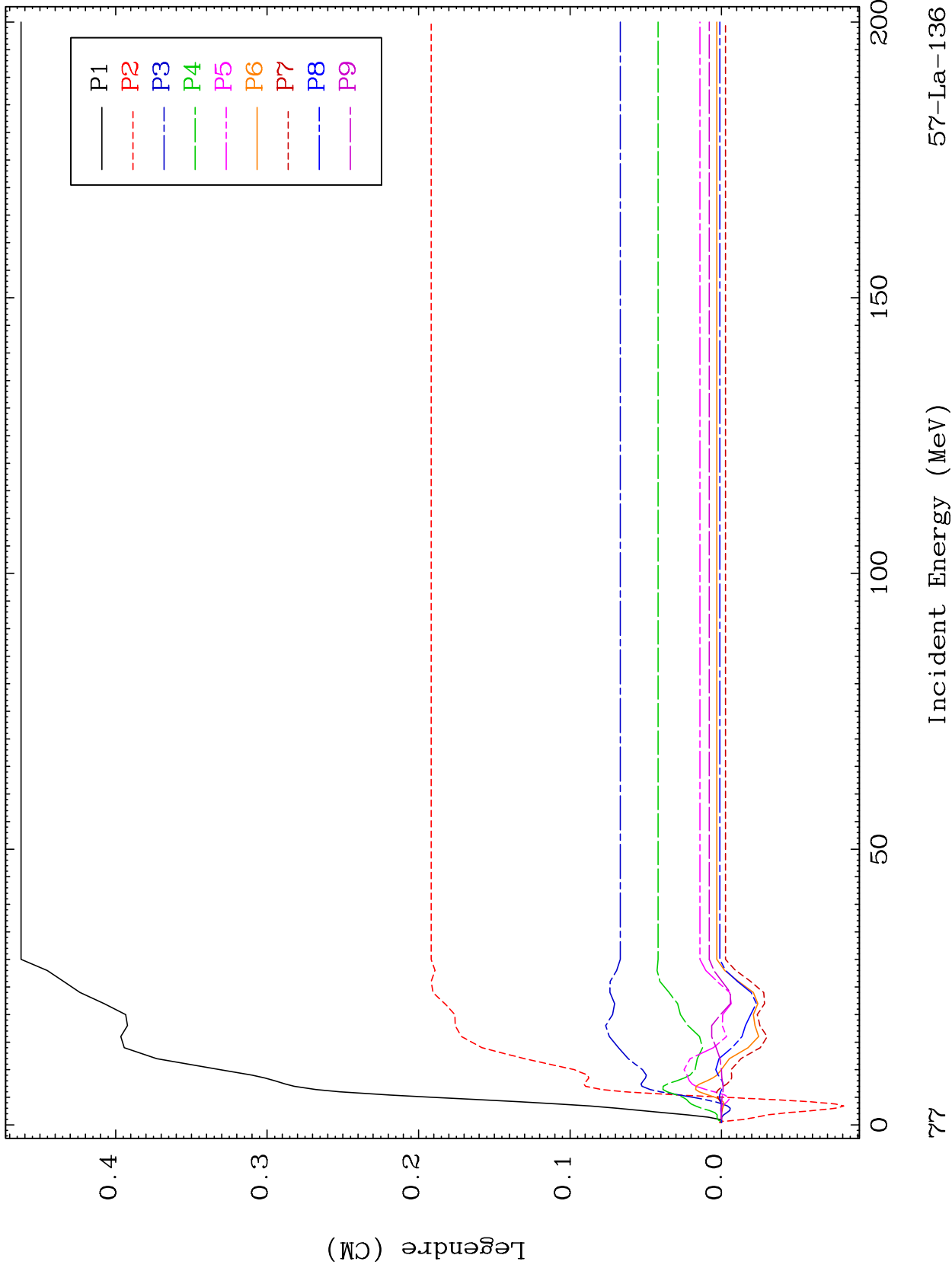
57-La-136



MAT 5719

MT= 68 (n,n') Level
Legendre Coefficients

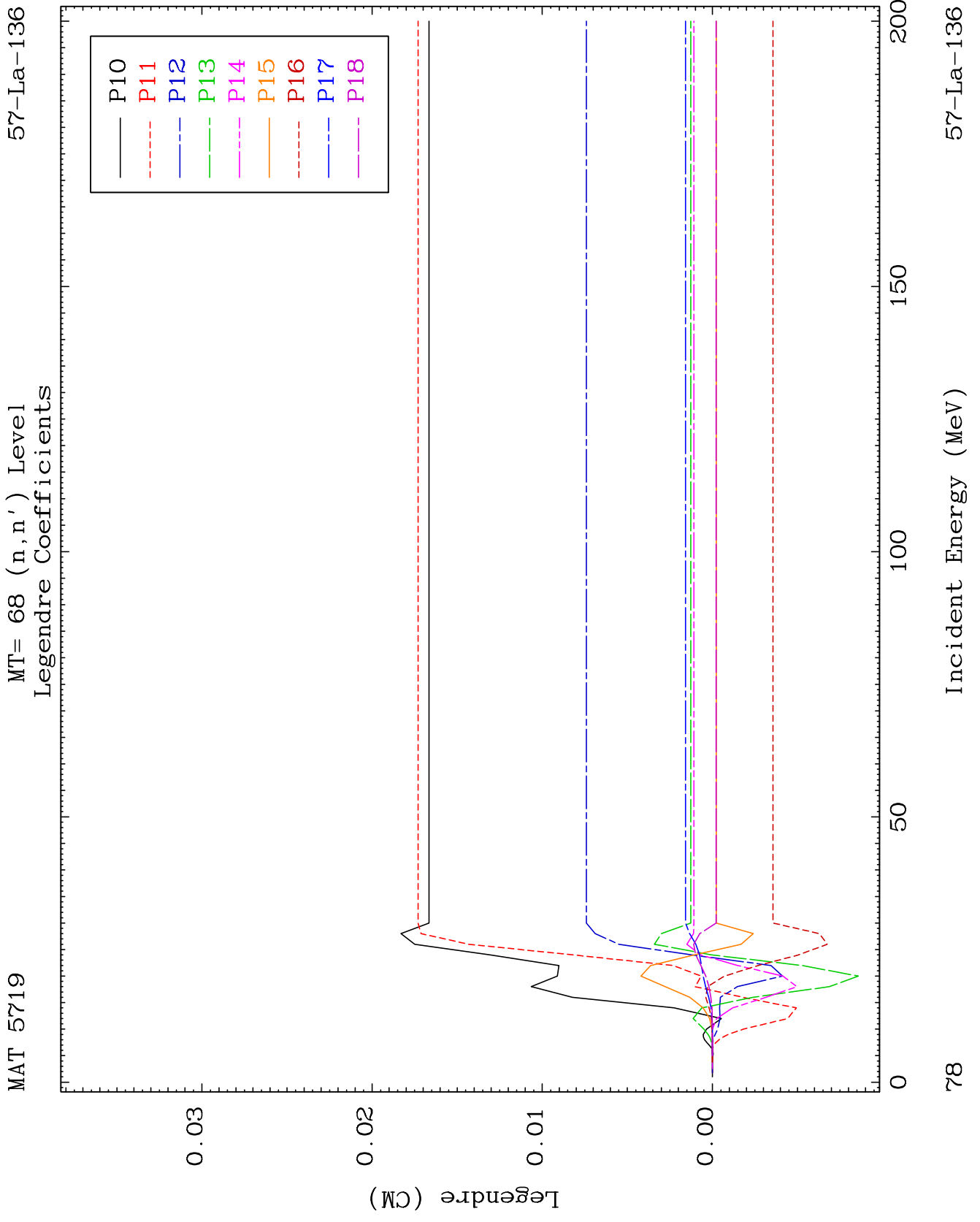
57-La-136

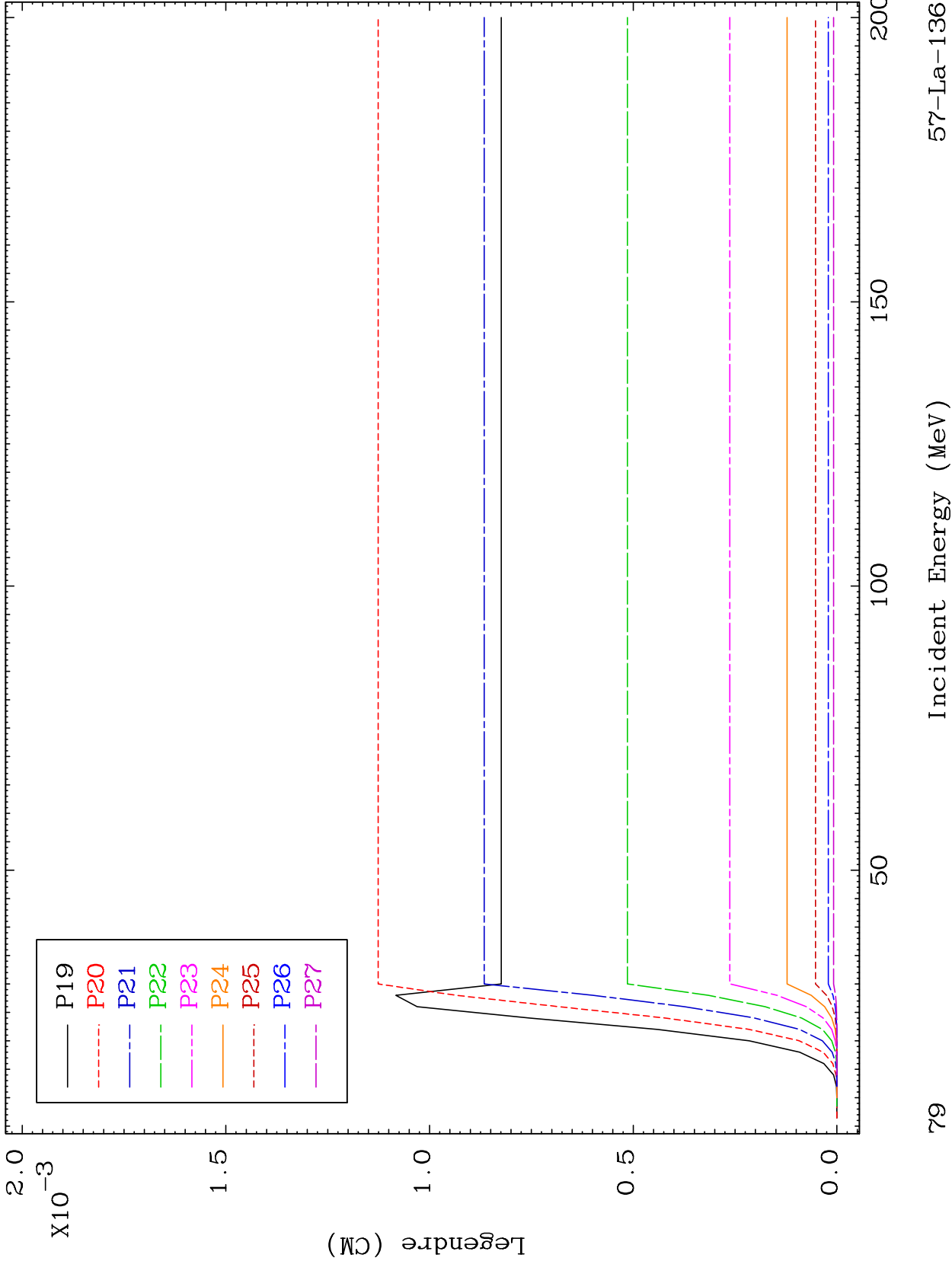


77

Incident Energy (MeV)

57-La-136

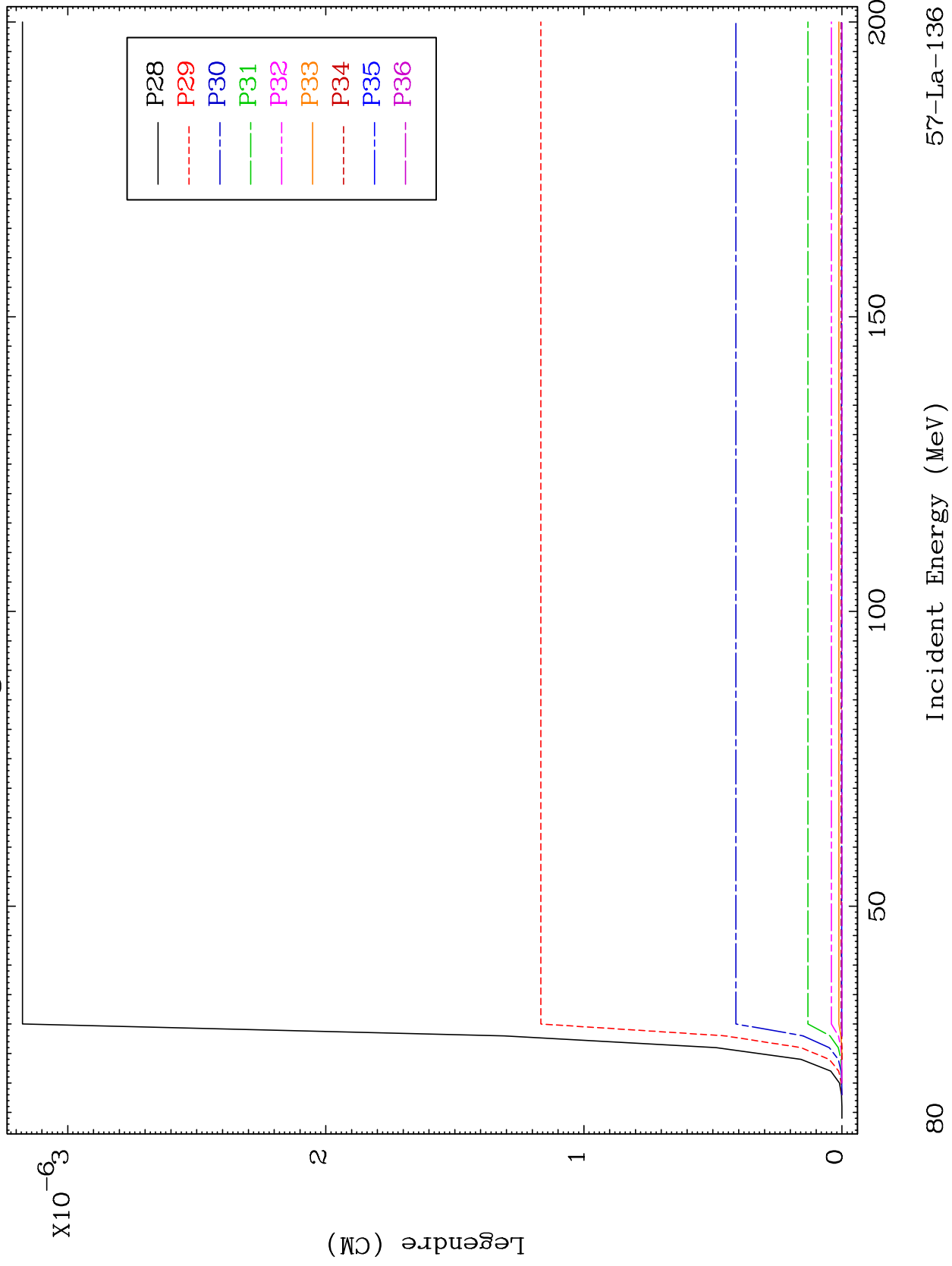




MAT 5719

MT= 68 (n,n') Level
Legendre Coefficients

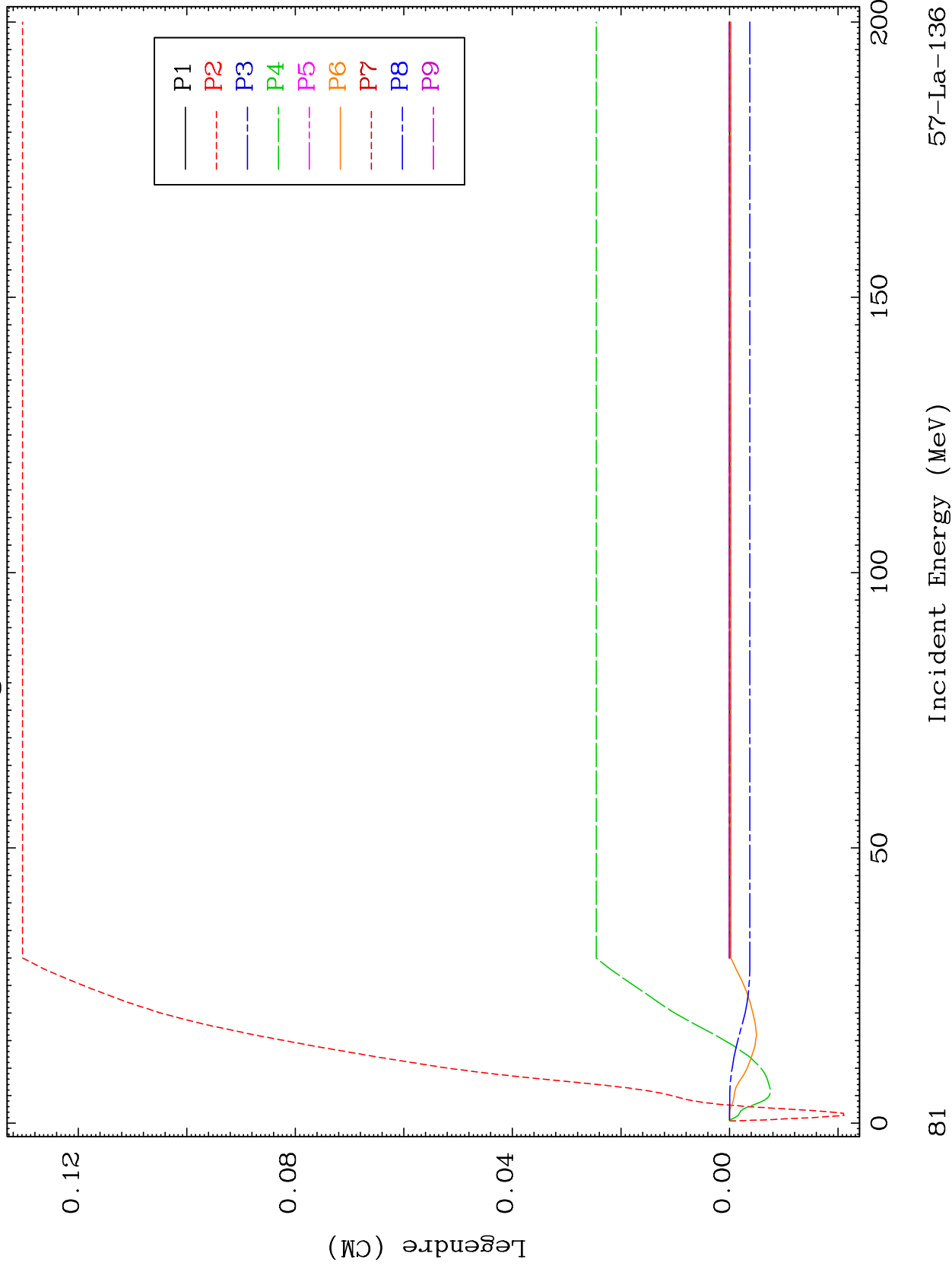
57-La-136



MAT 5719

MT= 69 (n,n') Level
Legendre Coefficients

57-La-136



81

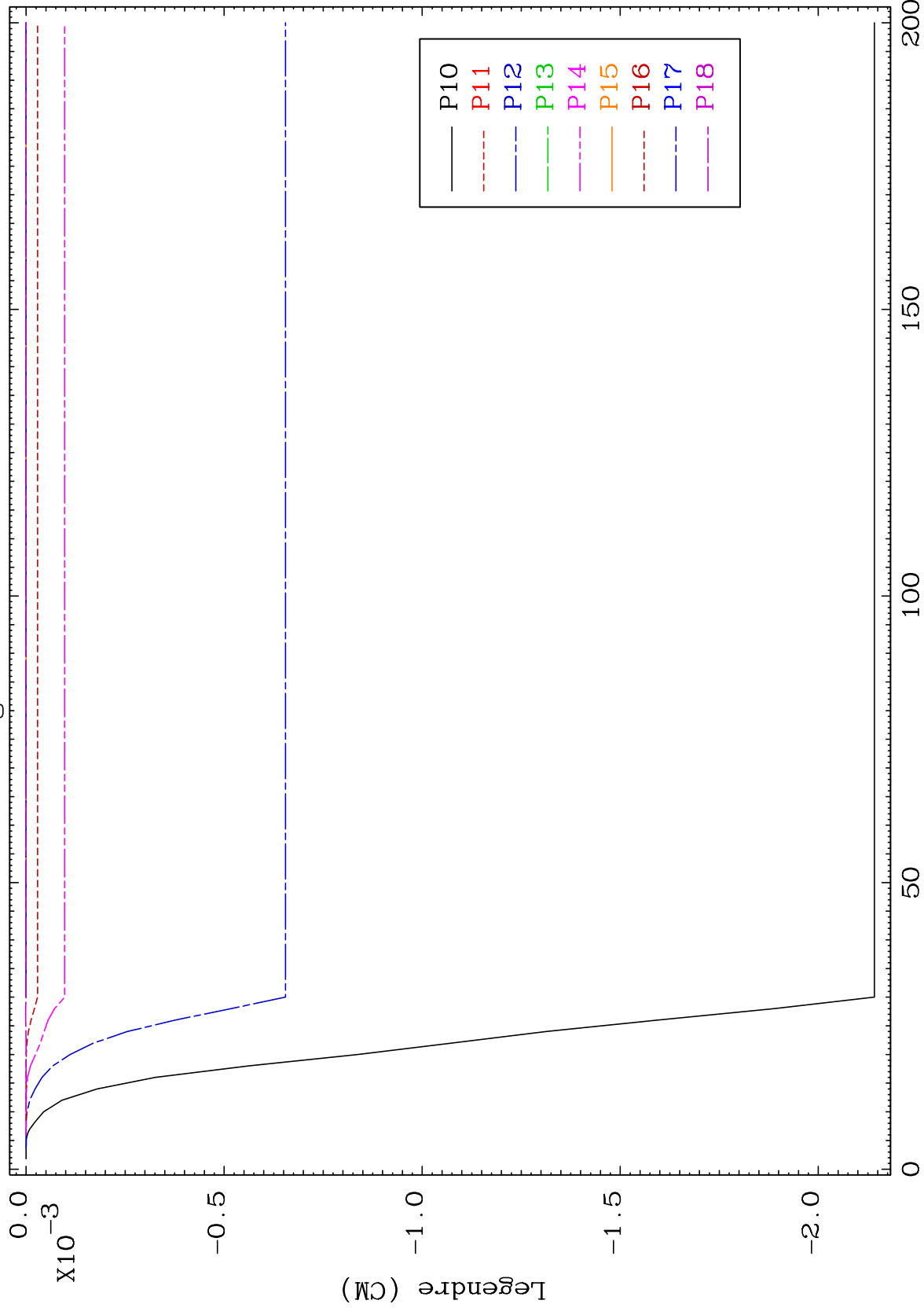
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 69 (n,n') Level
Legendre Coefficients

57-La-136



82

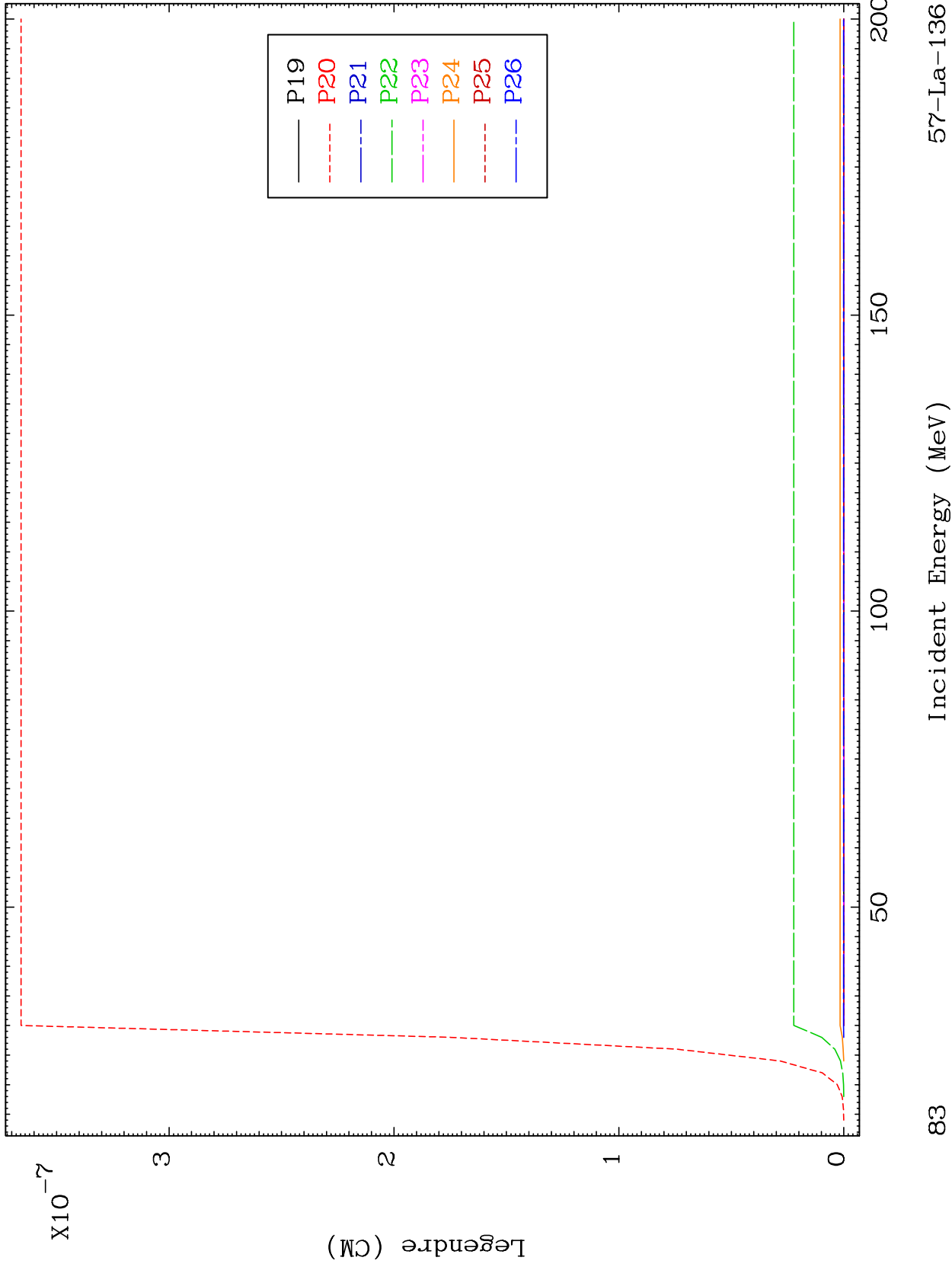
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 69 (n,n') Level
Legendre Coefficients

57-La-136



83

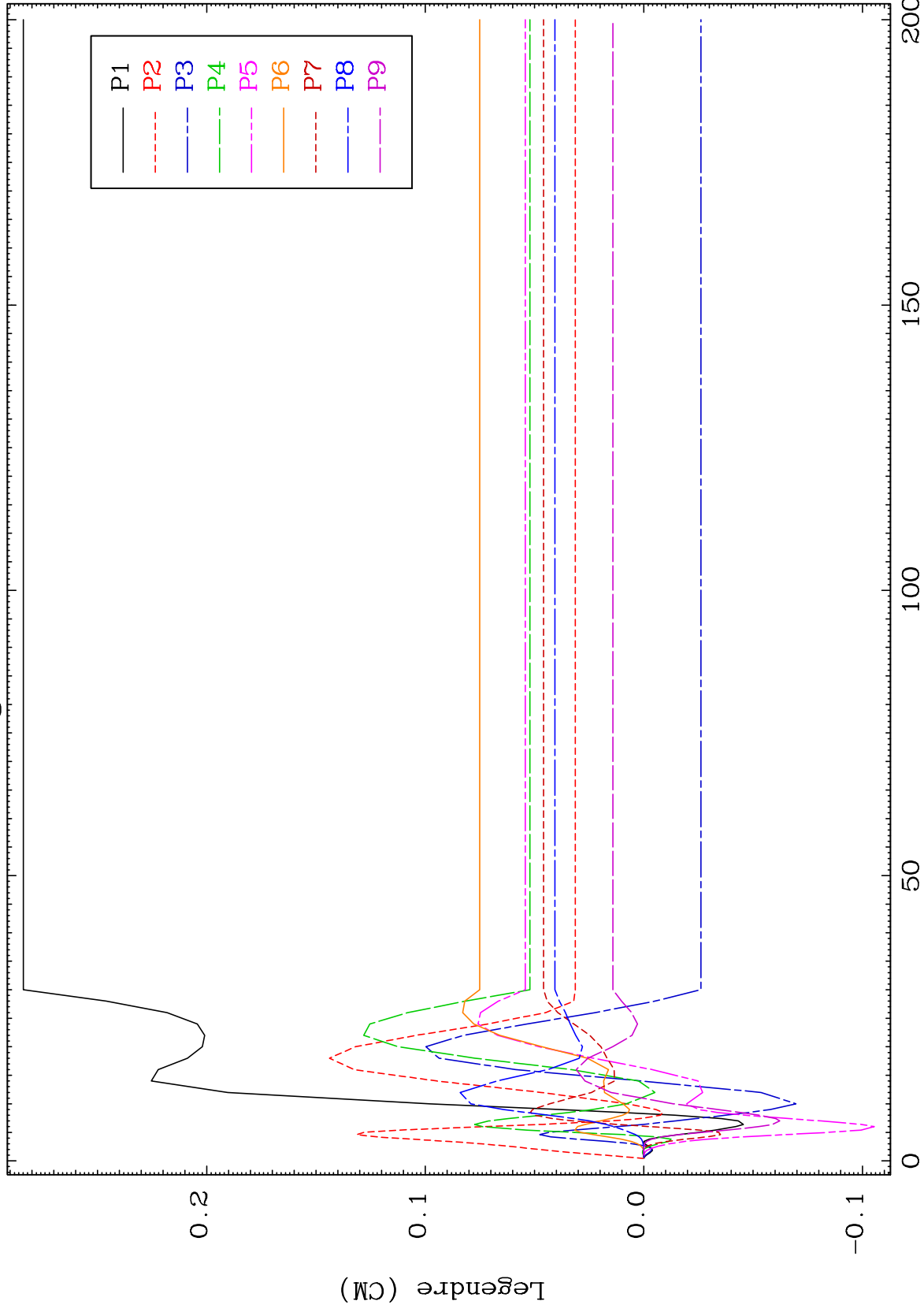
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 70 (n,n') Level
Legendre Coefficients

57-La-136



84

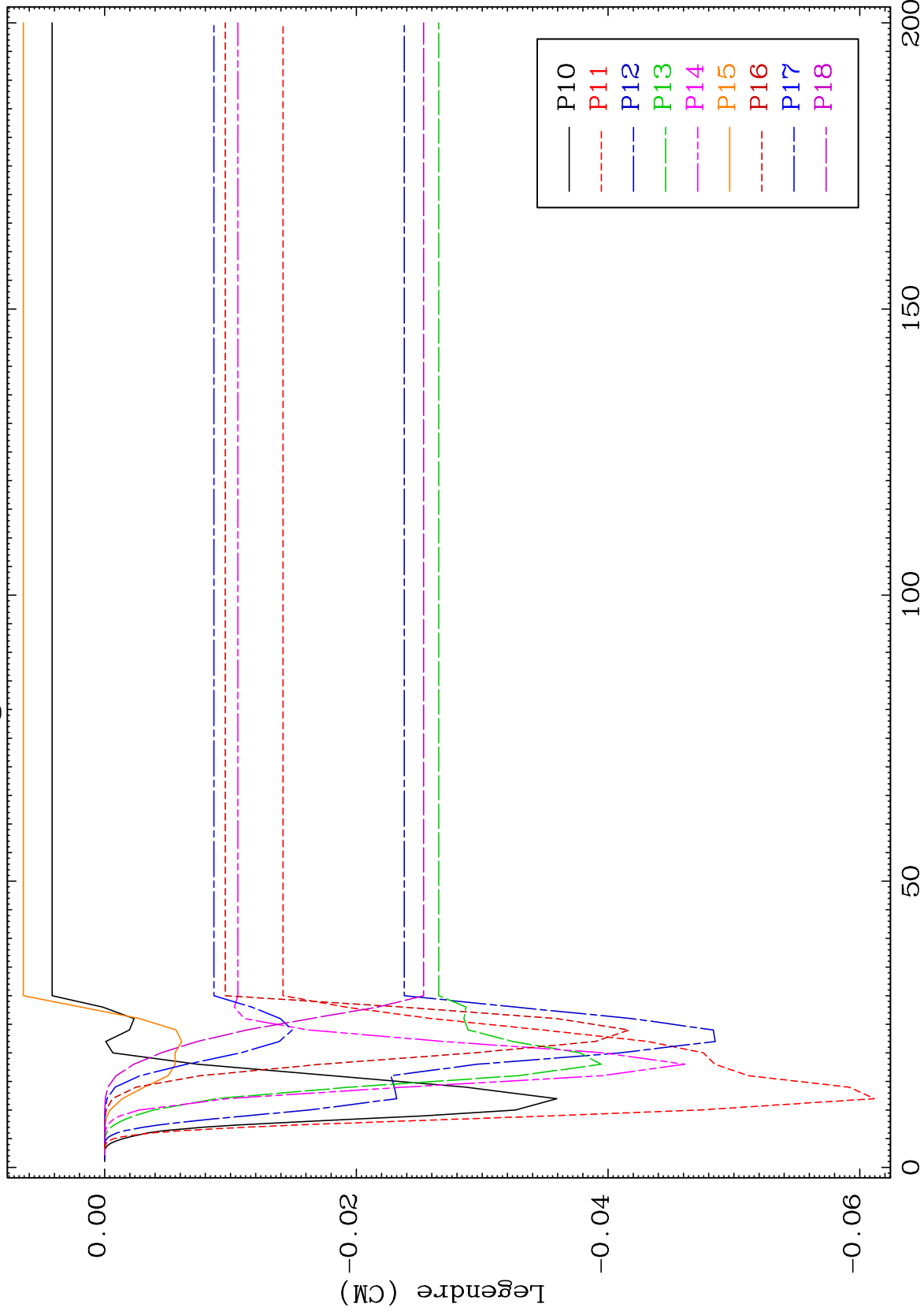
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 70 (n,n') Level
Legendre Coefficients

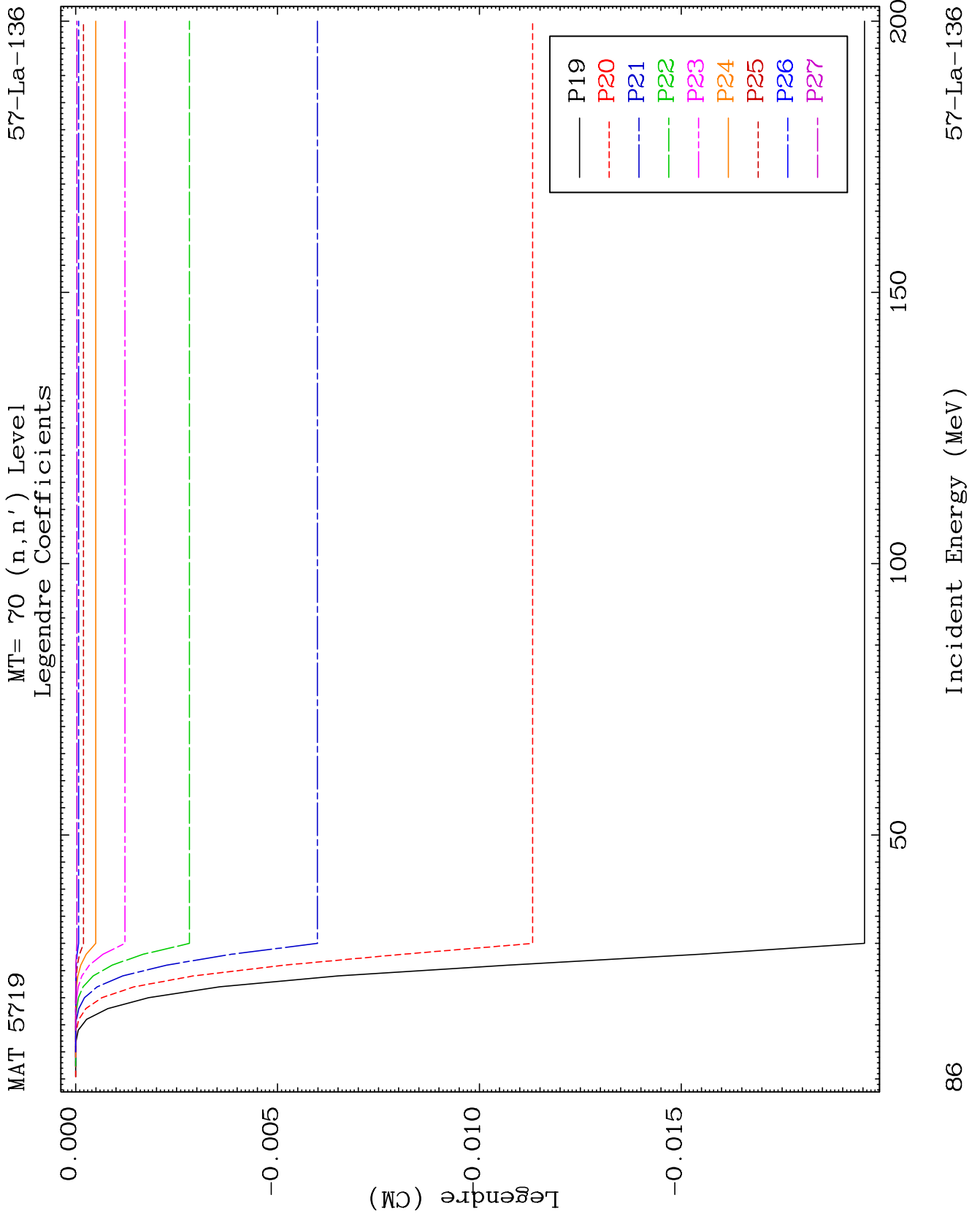
57-La-136

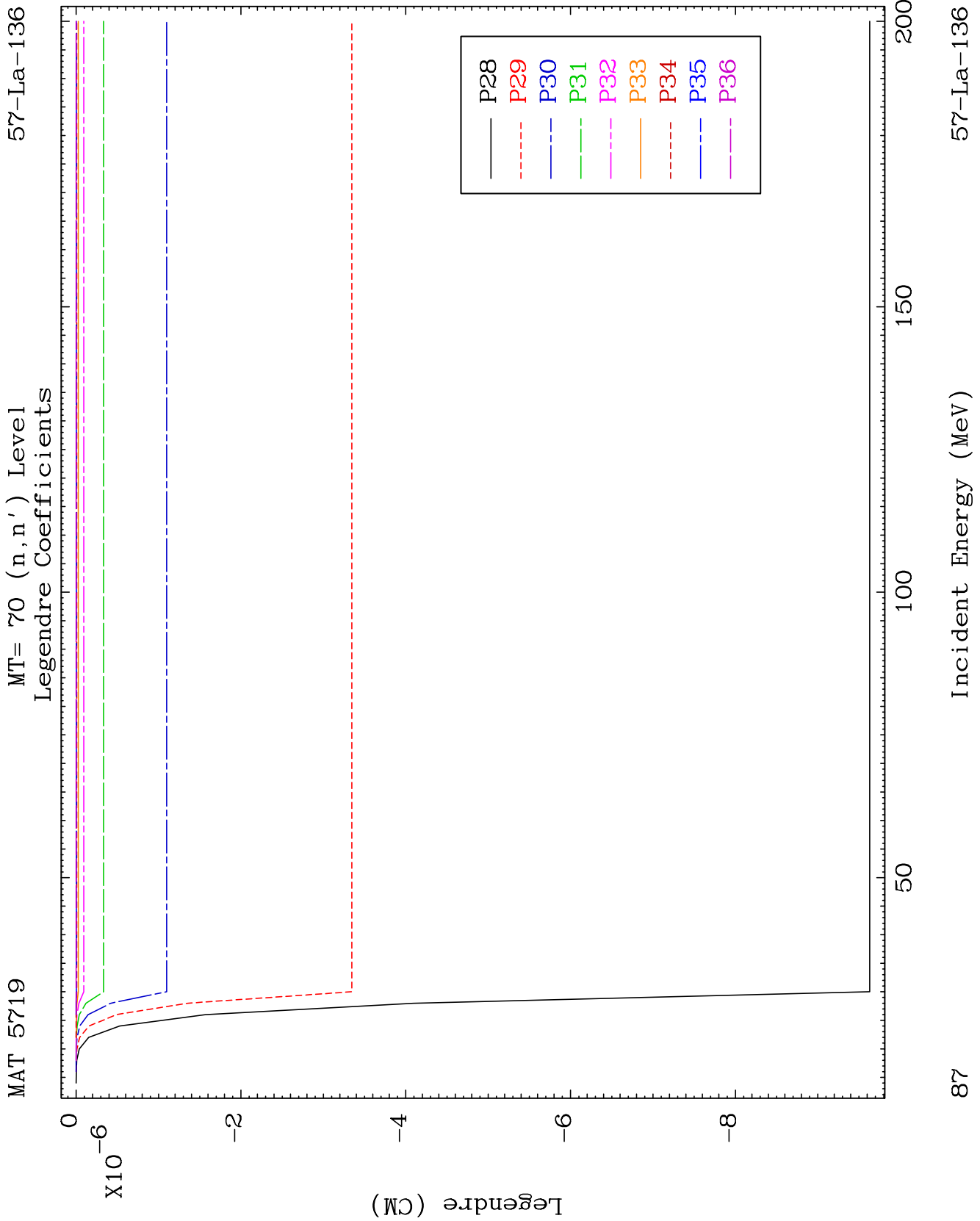


85

Incident Energy (MeV)

57-La-136

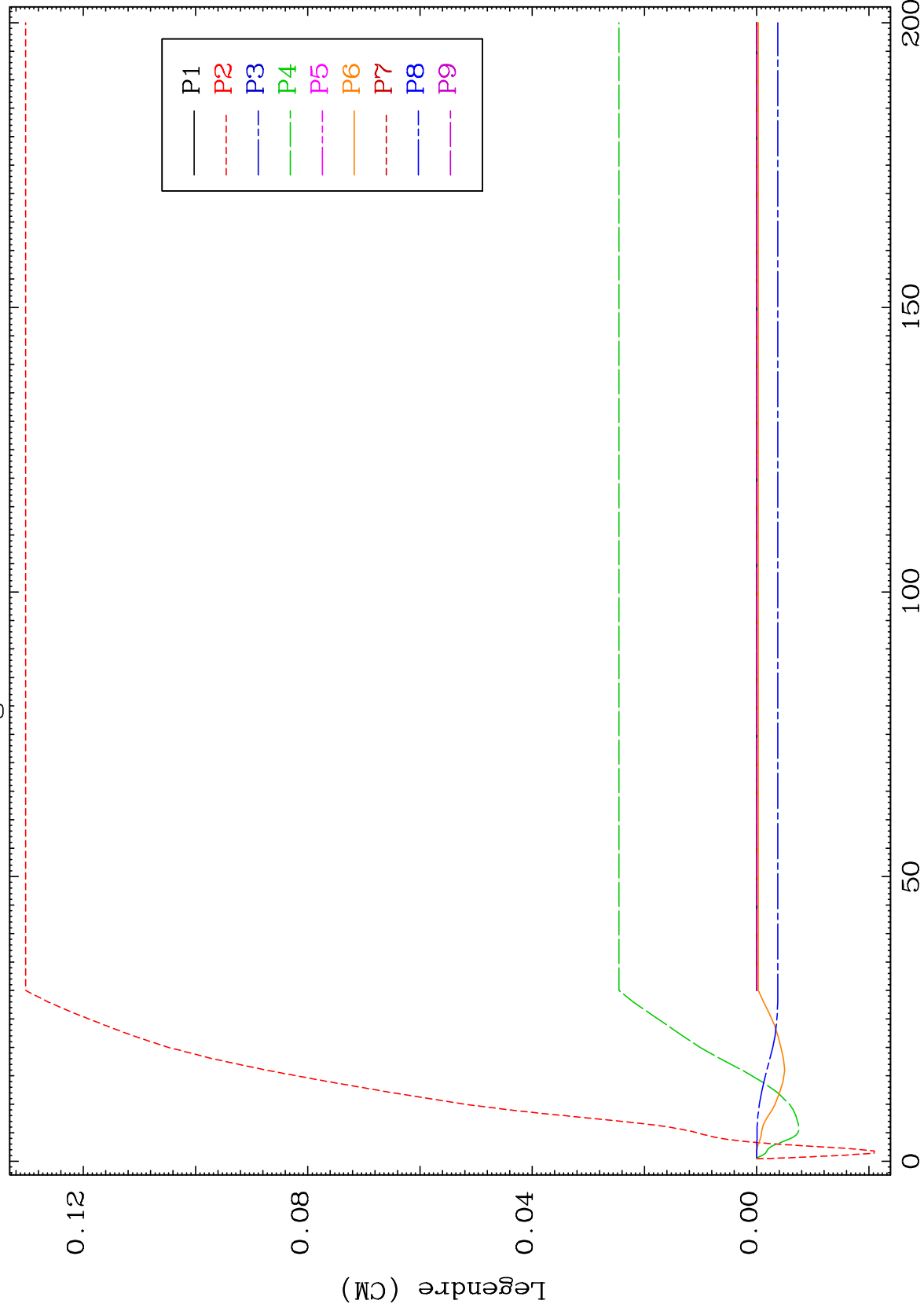




MAT 5719

MT= 71 (n,n') Level
Legendre Coefficients

57-La-136



88

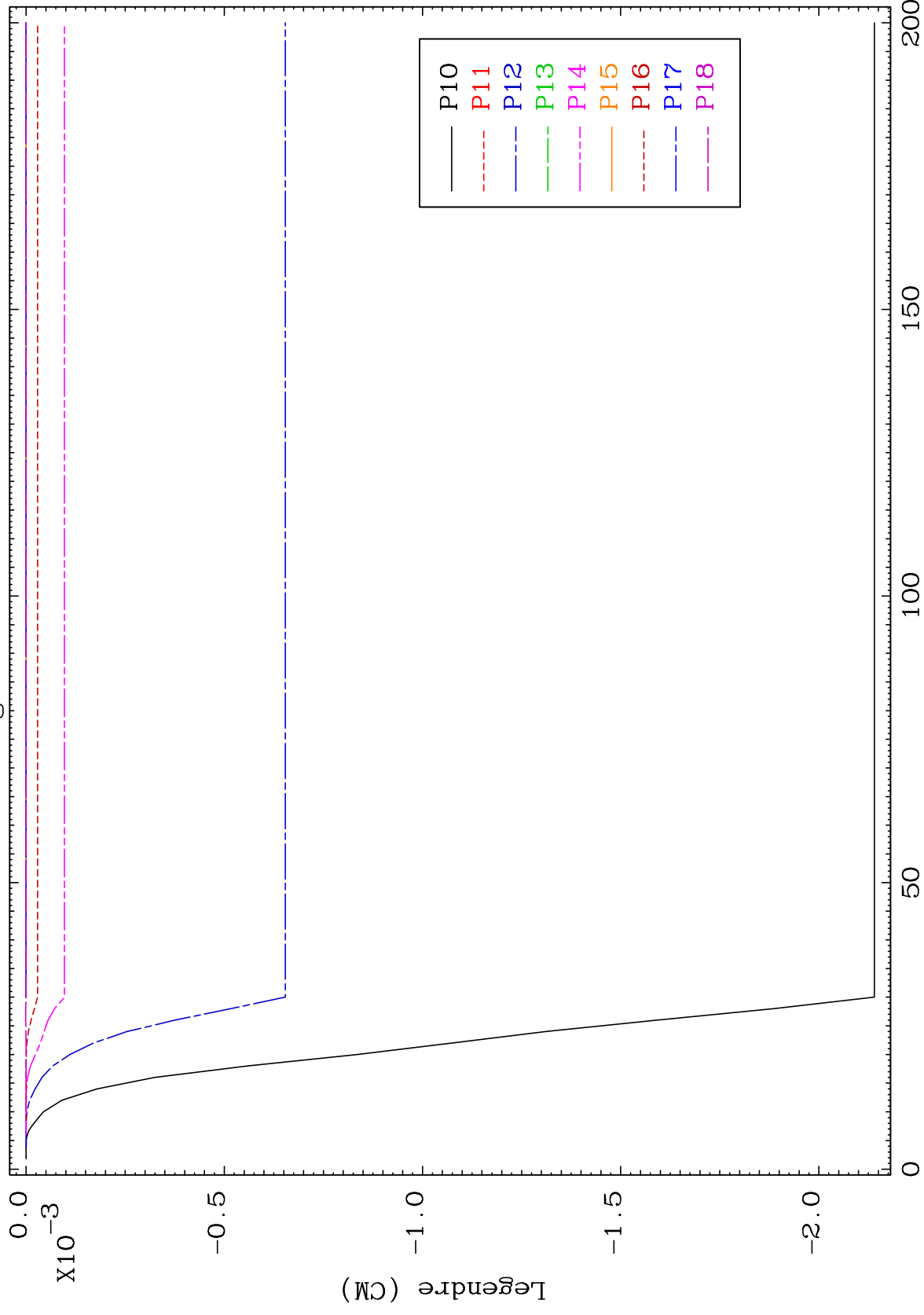
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 71 (n,n') Level
Legendre Coefficients

57-La-136



89

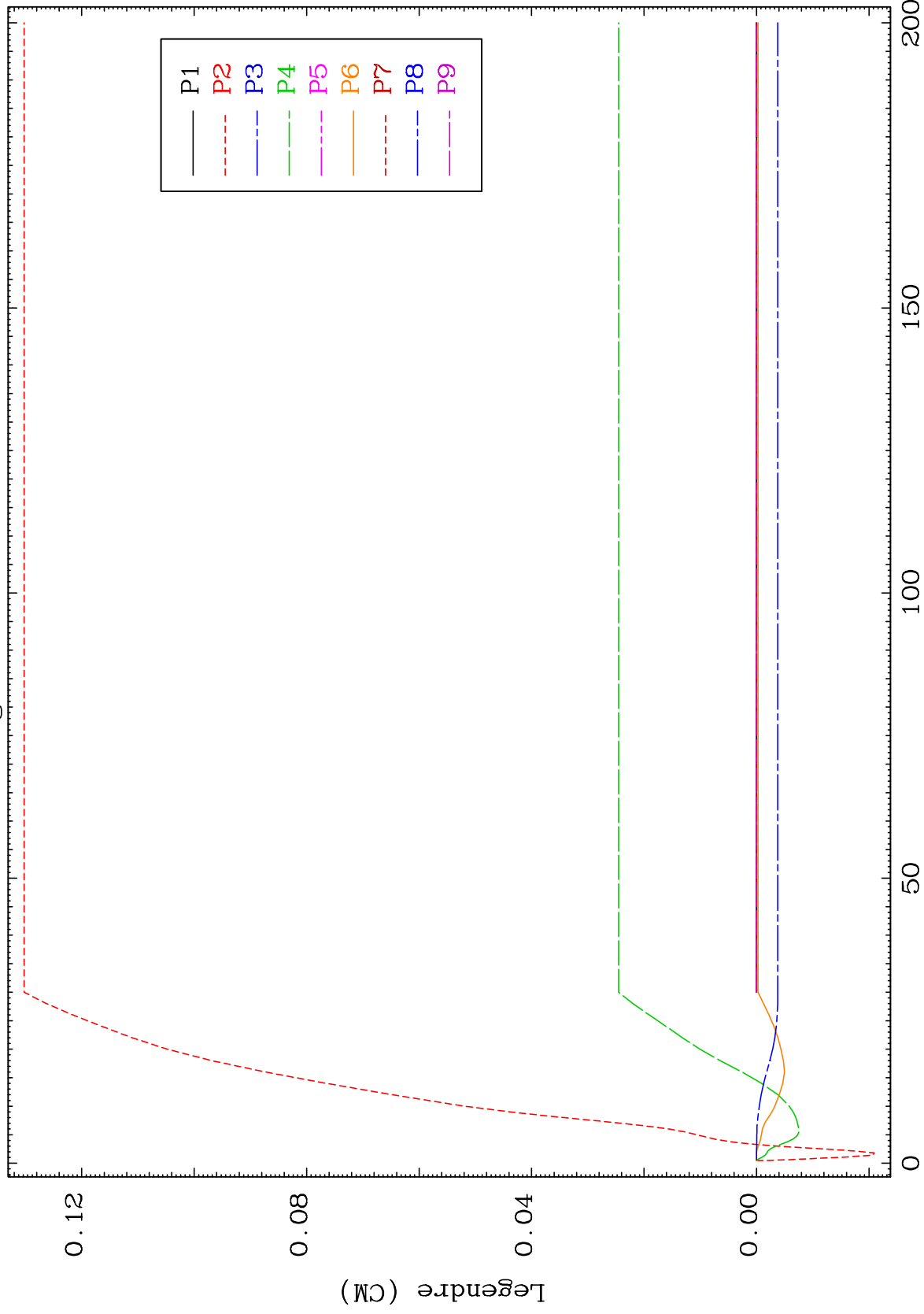
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 72 (n,n') Level
Legendre Coefficients

57-La-136



91

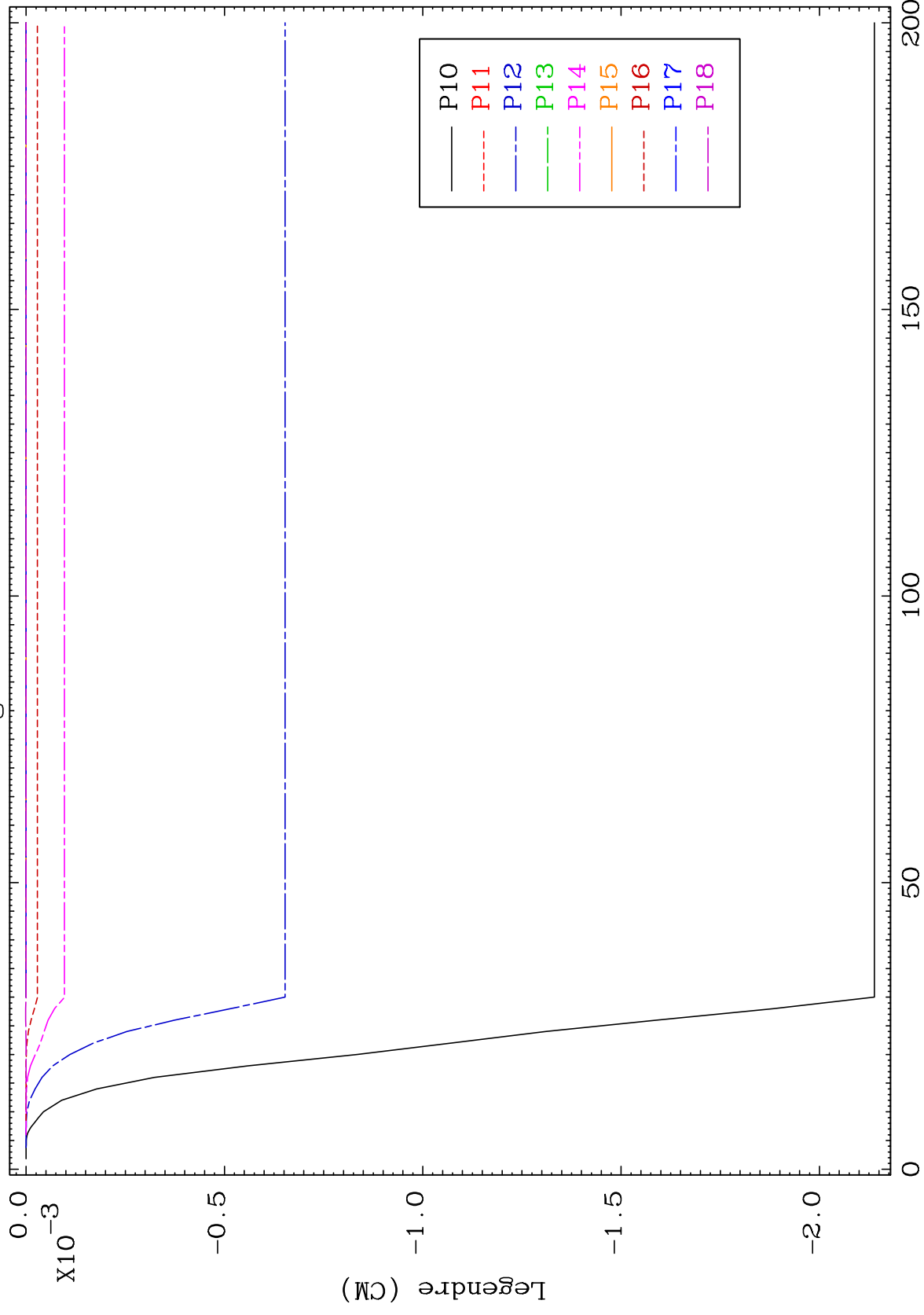
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 72 (n,n') Level
Legendre Coefficients

57-La-136



92

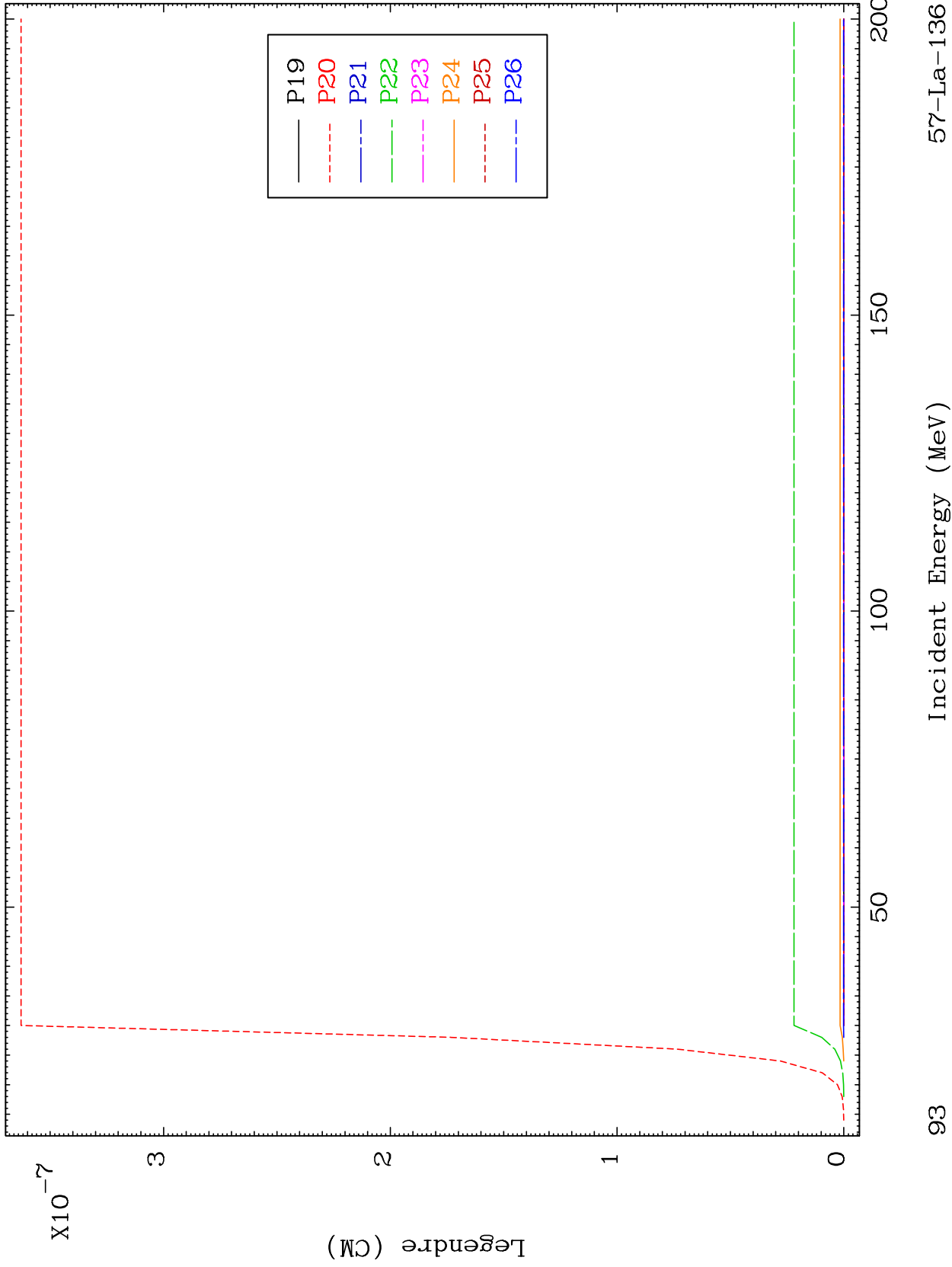
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 72 (n,n') Level
Legendre Coefficients

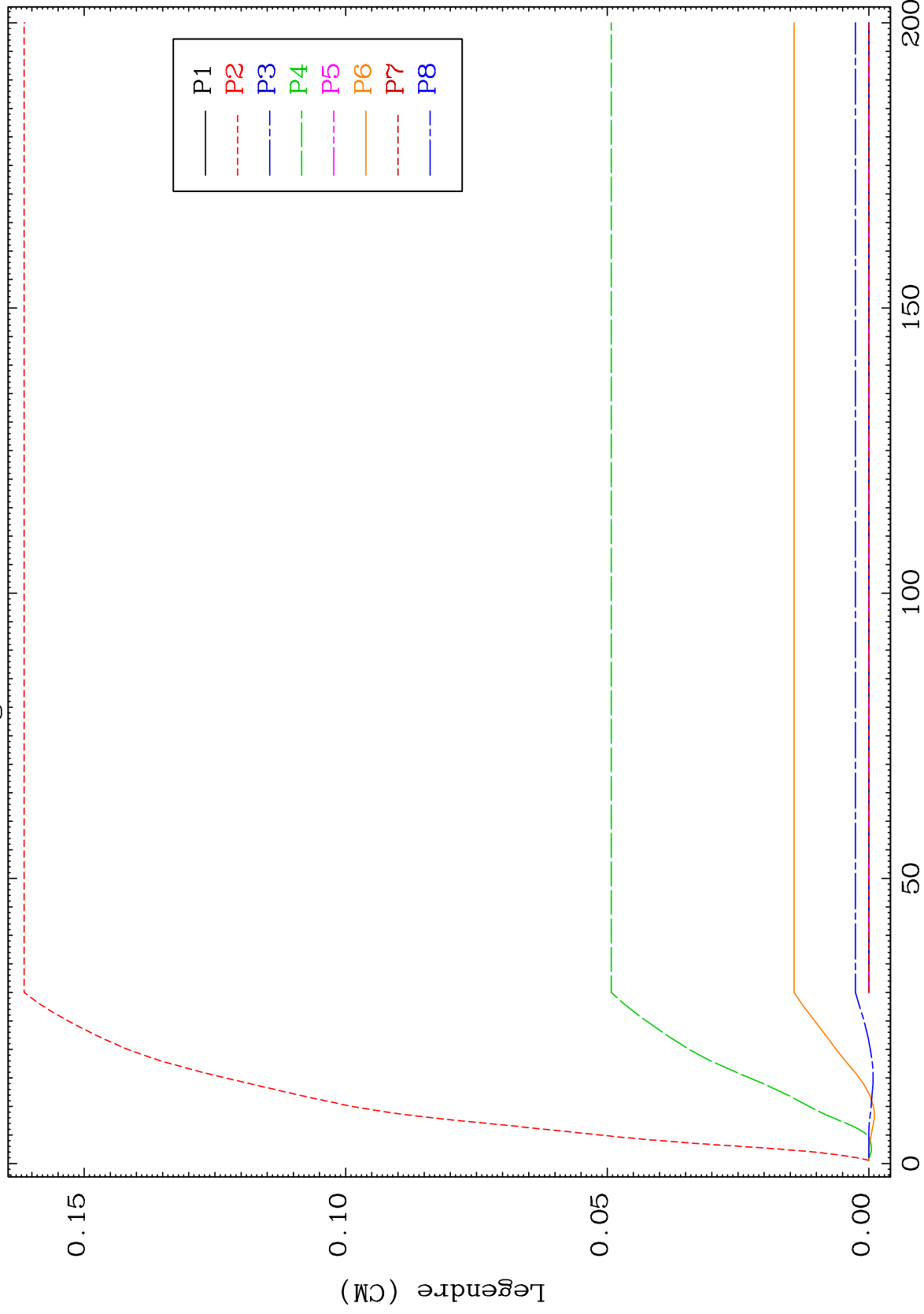
57-La-136



MAT 5719

MT= 73 (n,n') Level
Legendre Coefficients

57-La-136



94

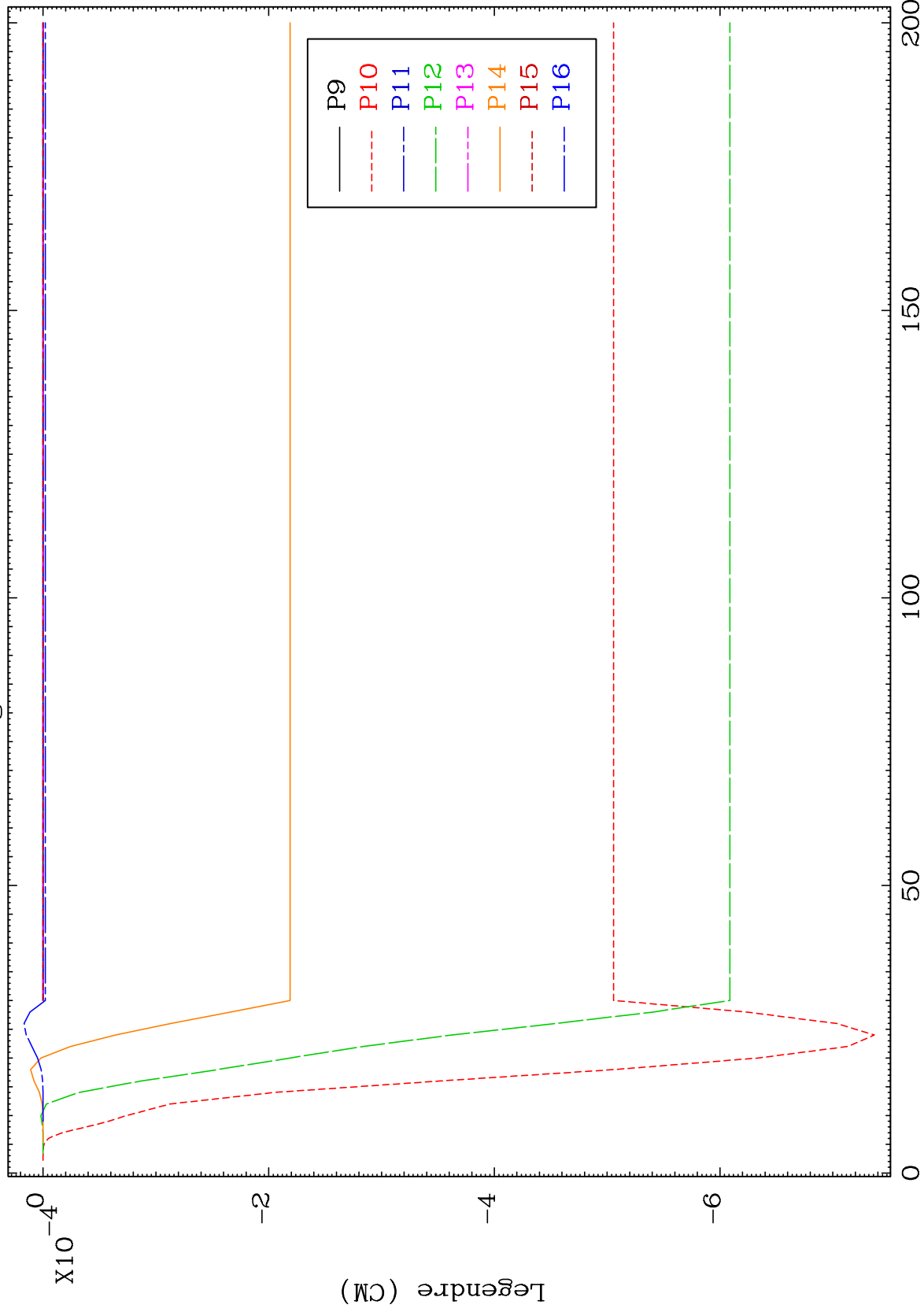
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 73 (n,n') Level
Legendre Coefficients

57-La-136



95

Incident Energy (MeV)

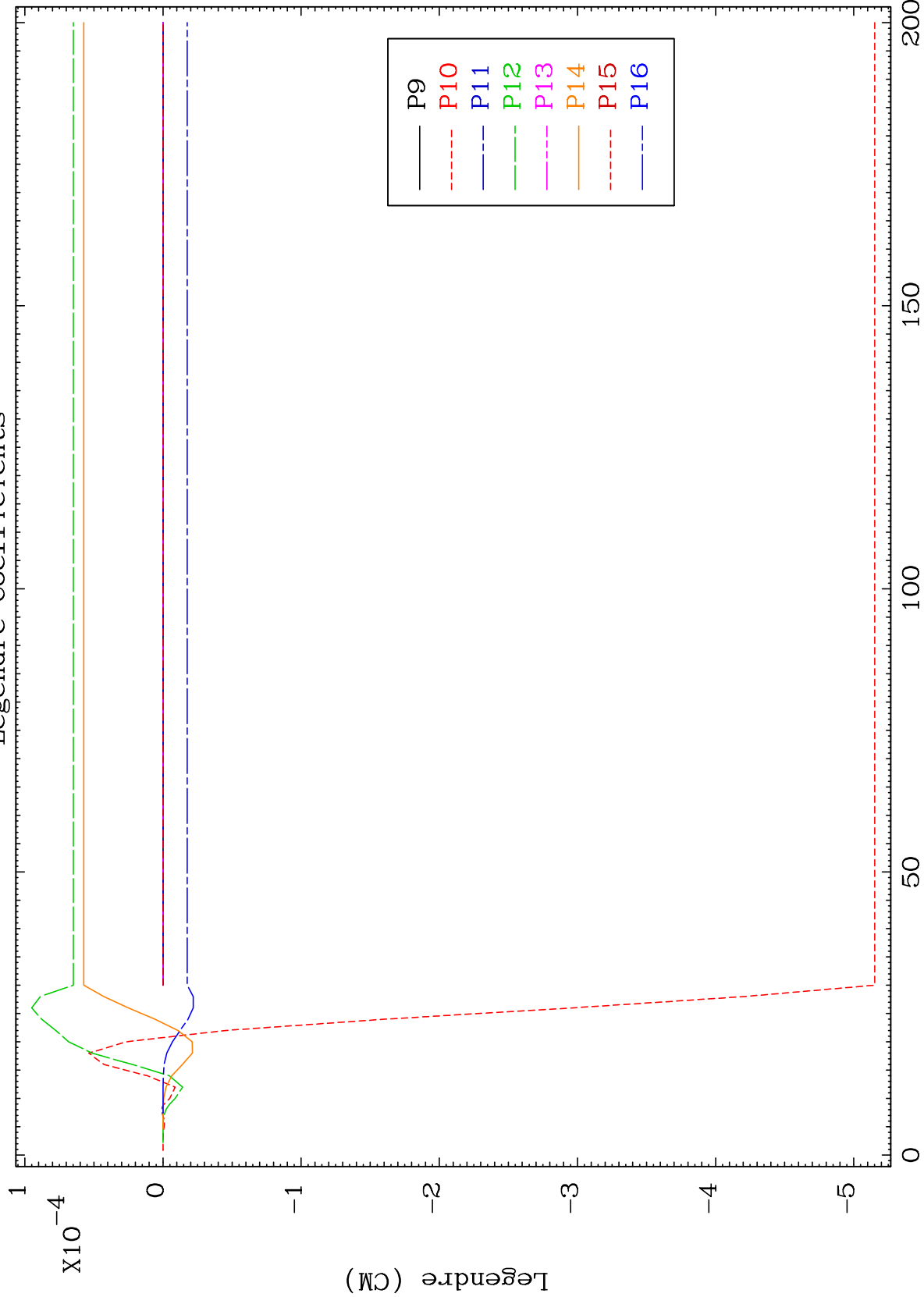
57-La-136

MAT 5719

MT= 74 (n,n') Level

57-La-136

Legendre Coefficients



98

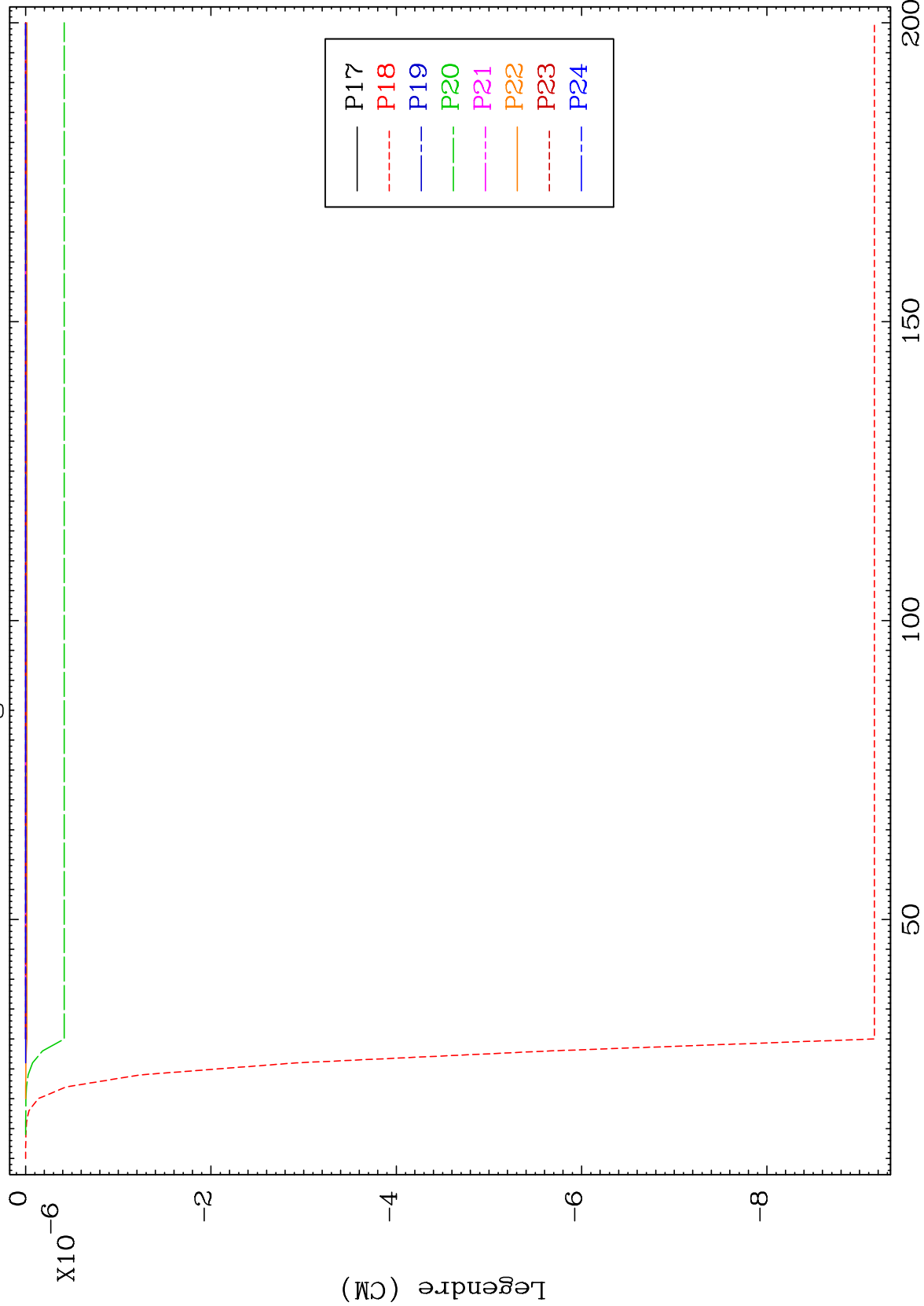
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 74 (n,n') Level
Legendre Coefficients

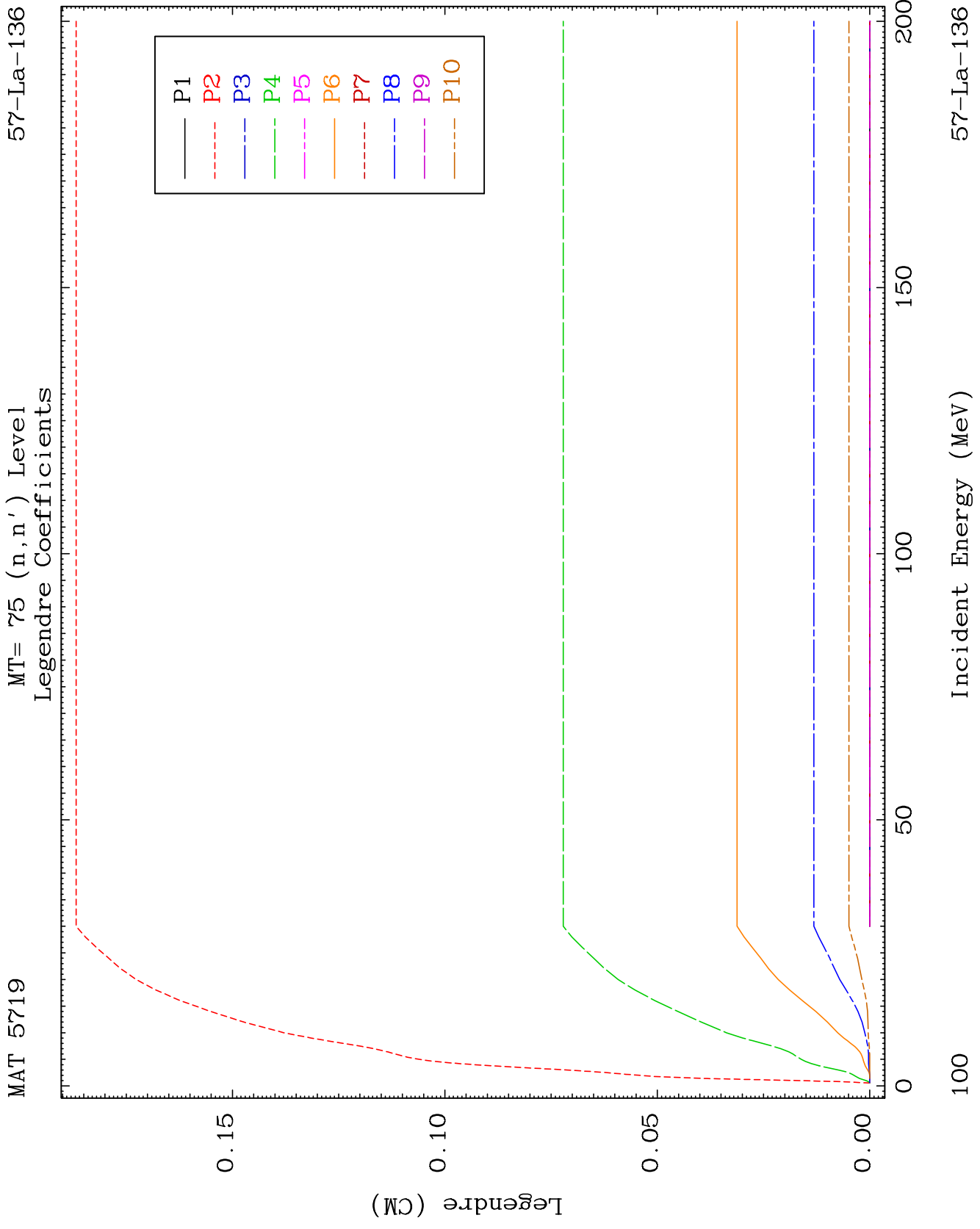
57-La-136



57-La-136

Incident Energy (MeV)

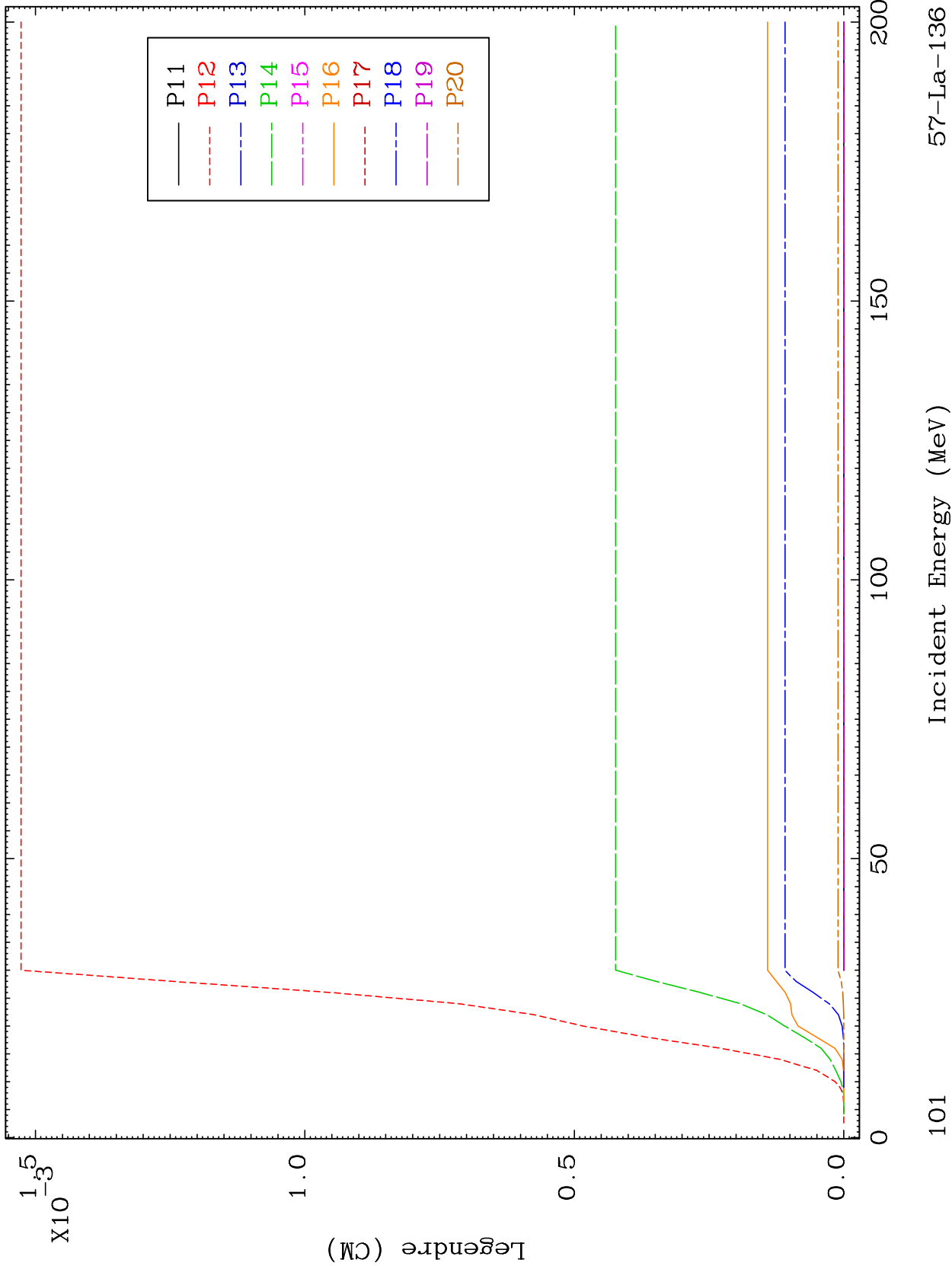
99



MAT 5719

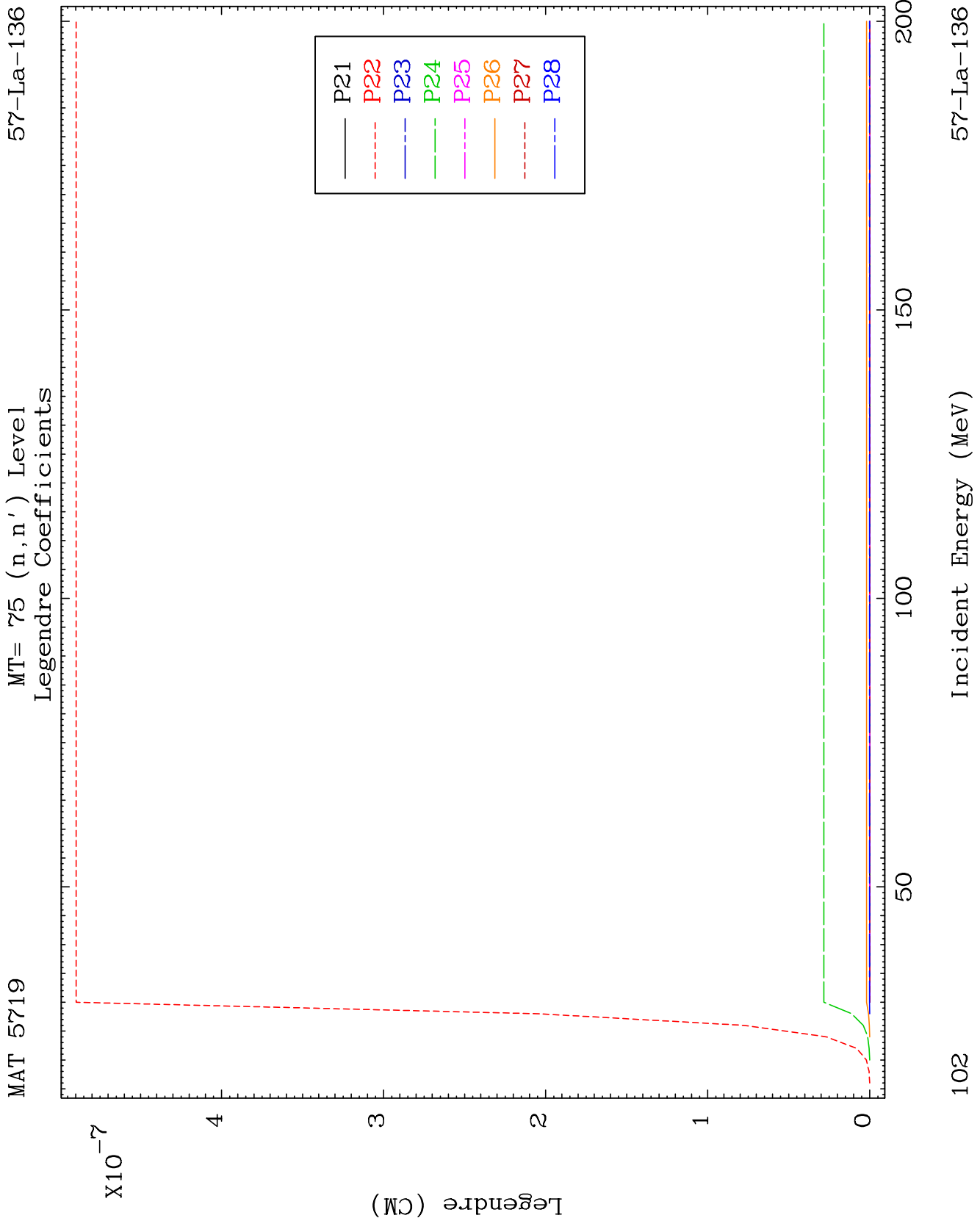
MT= 75 (n,n') Level
Legendre Coefficients

57-La-136



101

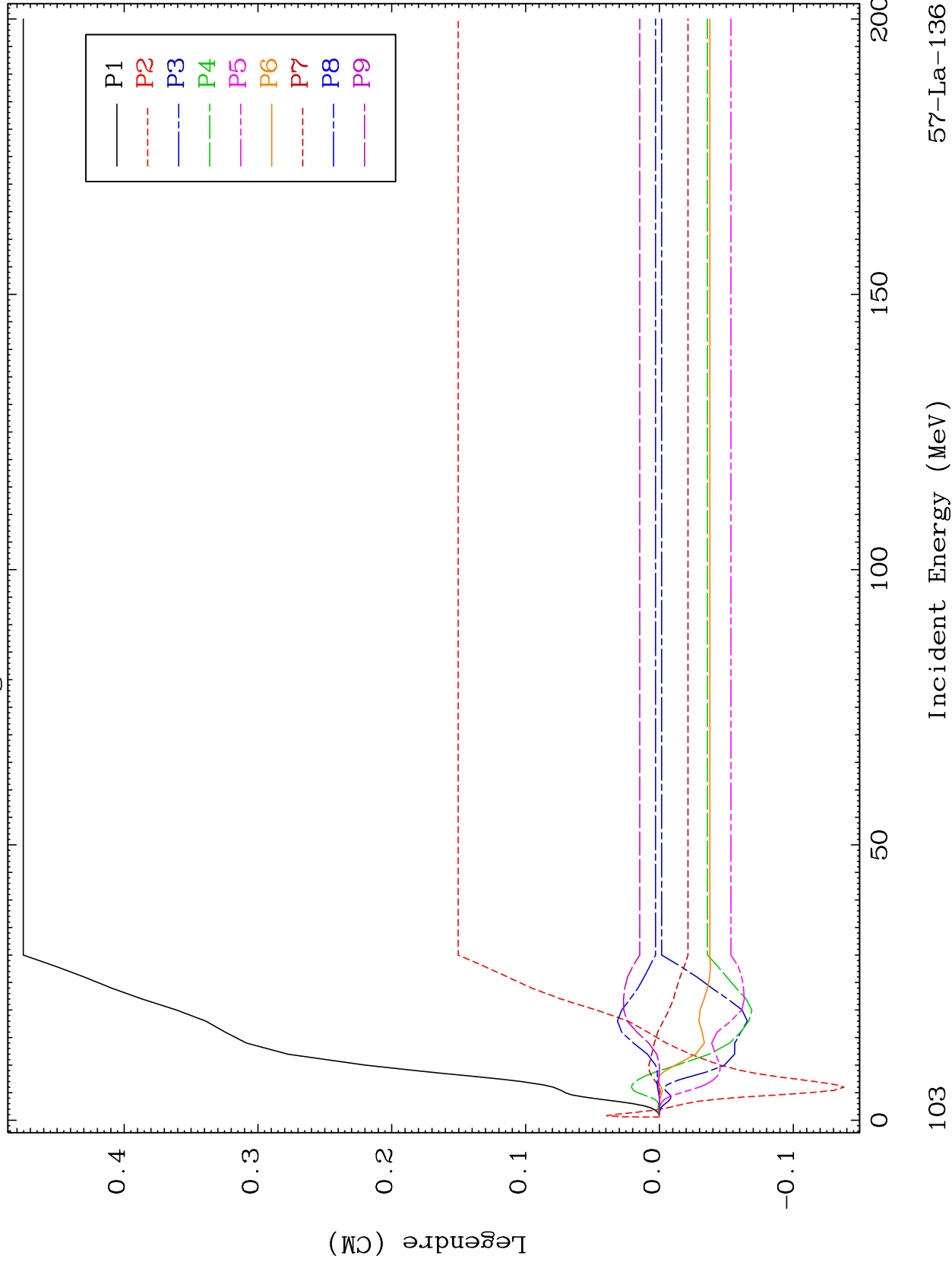
57-La-136



MAT 5719

MT= 76 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

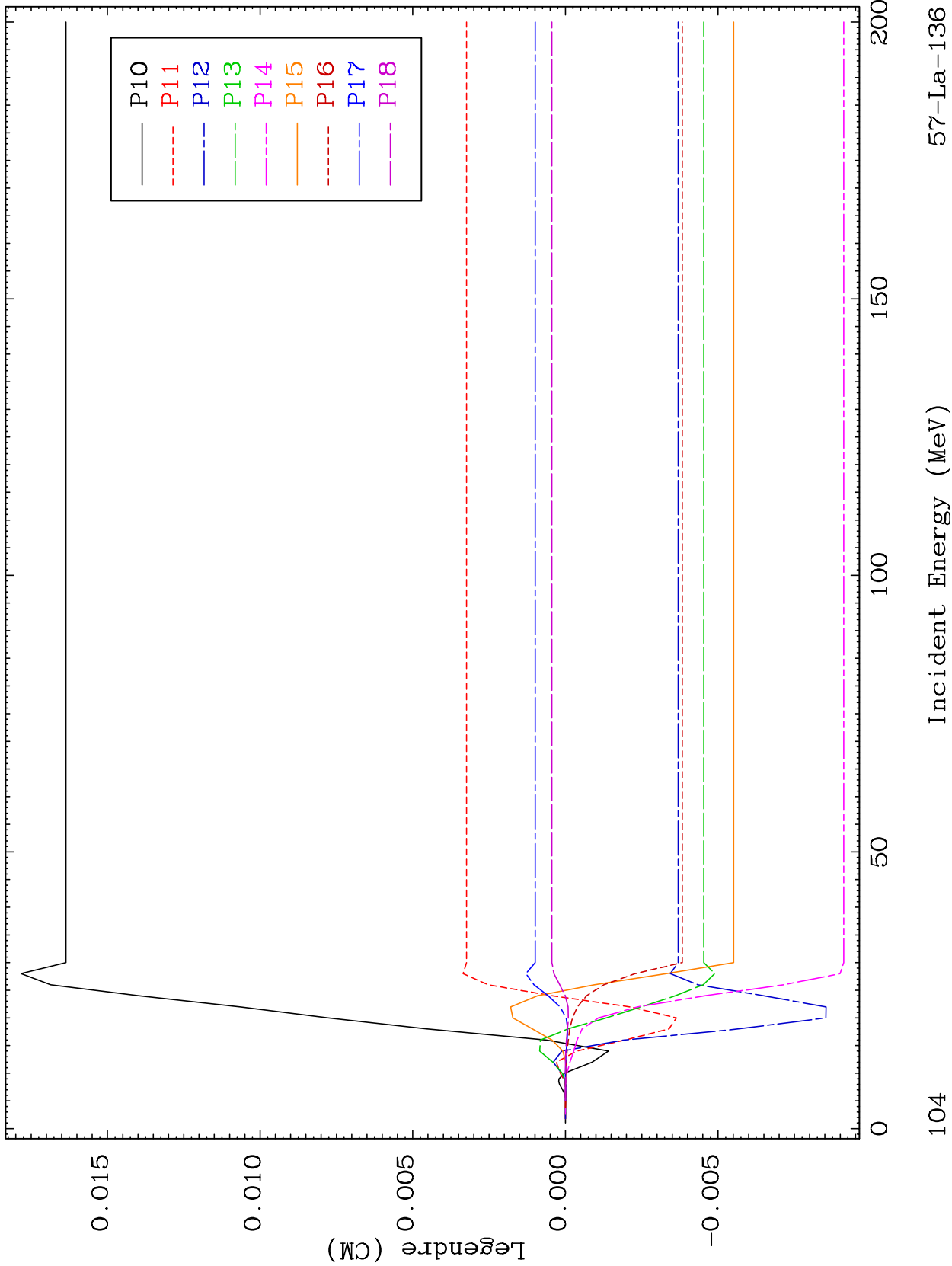
Incident Energy (MeV)

103

MAT 5719

MT= 76 (n,n') Level
Legendre Coefficients

57-La-136



104

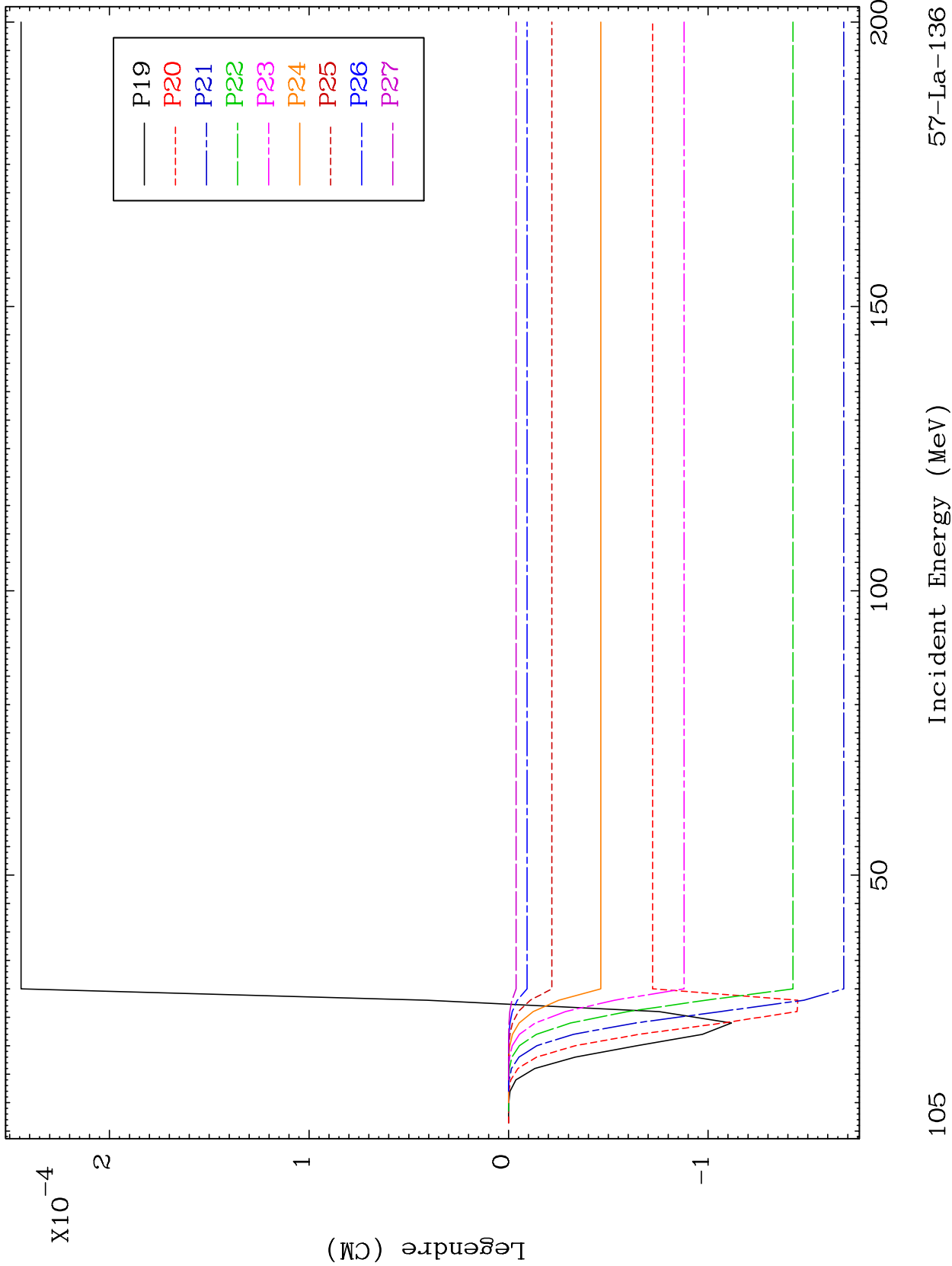
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 76 (n,n') Level
Legendre Coefficients

57-La-136



105

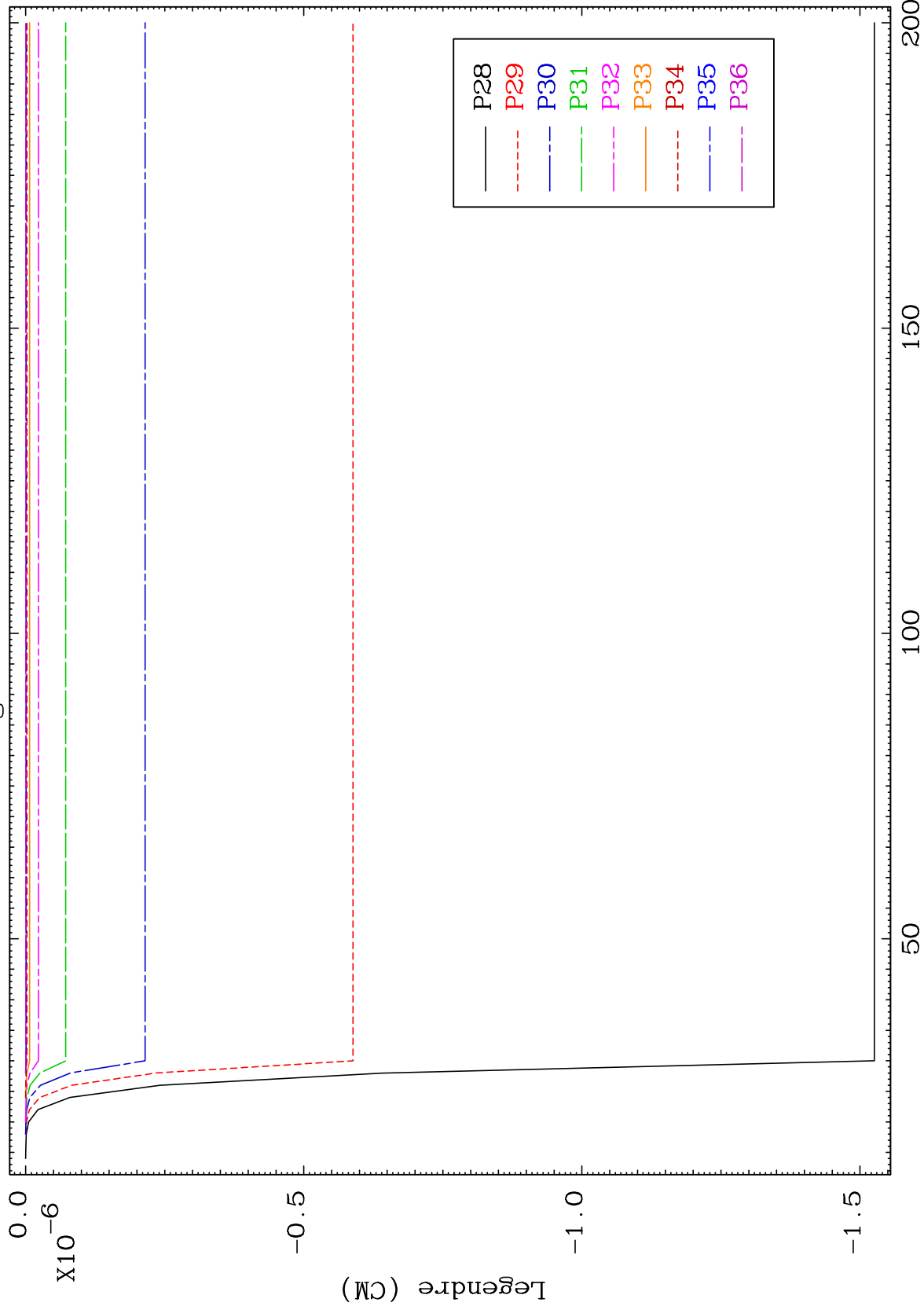
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 76 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

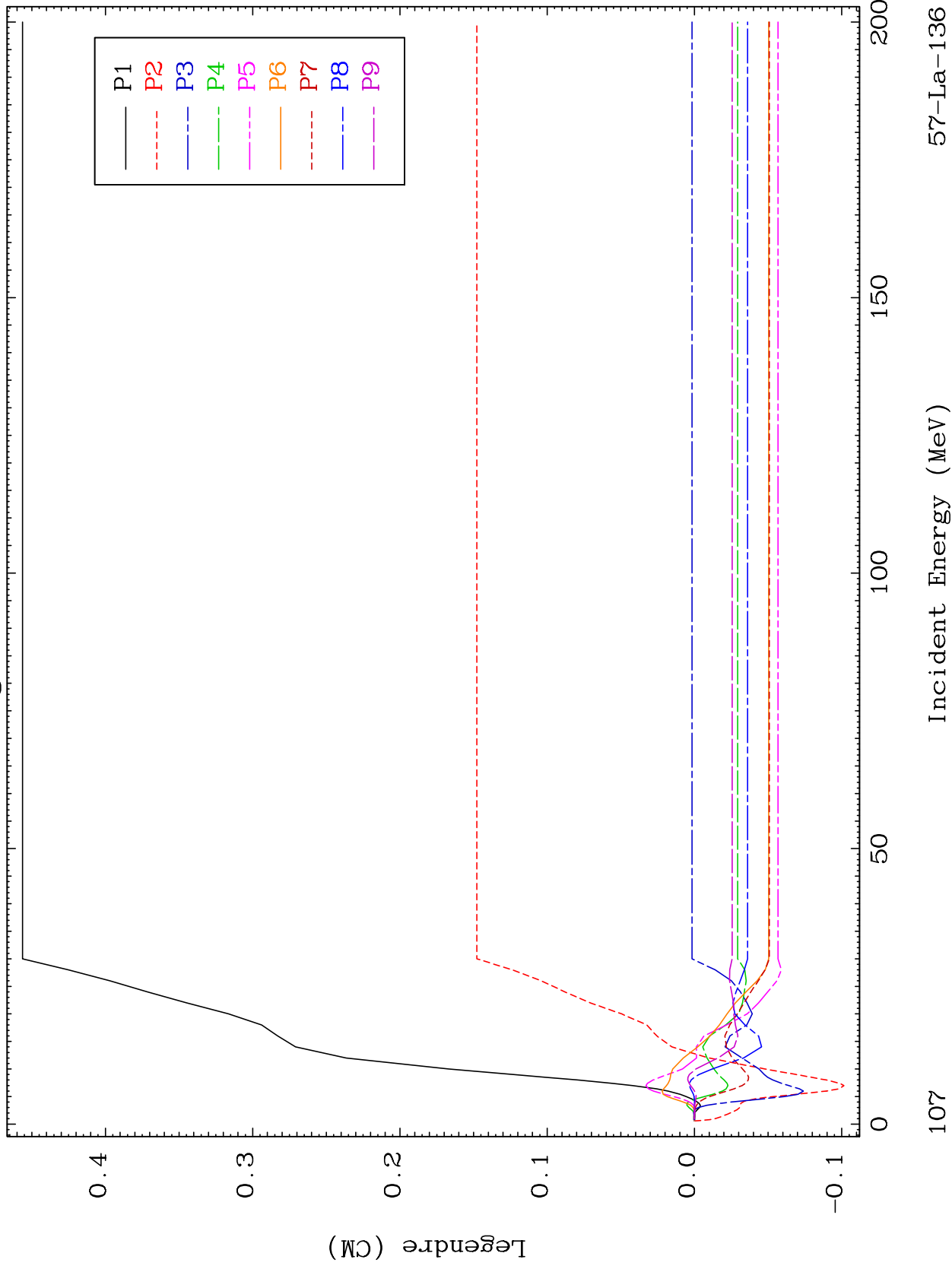
Incident Energy (MeV)

106

MAT 5719

MT= 77 (n,n') Level
Legendre Coefficients

57-La-136



57-La-136

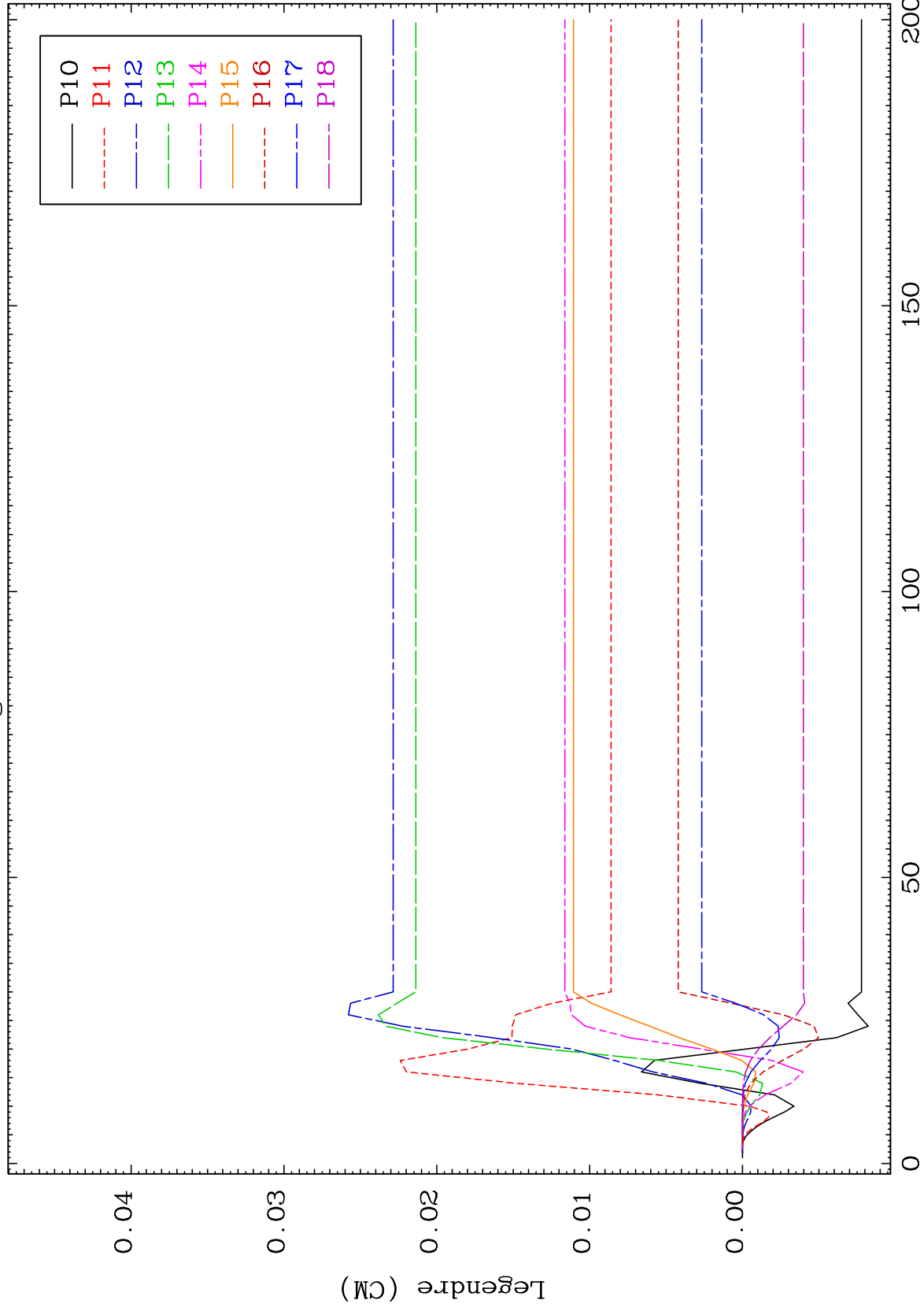
Incident Energy (MeV)

107

MAT 5719

MT= 77 (n,n') Level
Legendre Coefficients

57-La-136



108

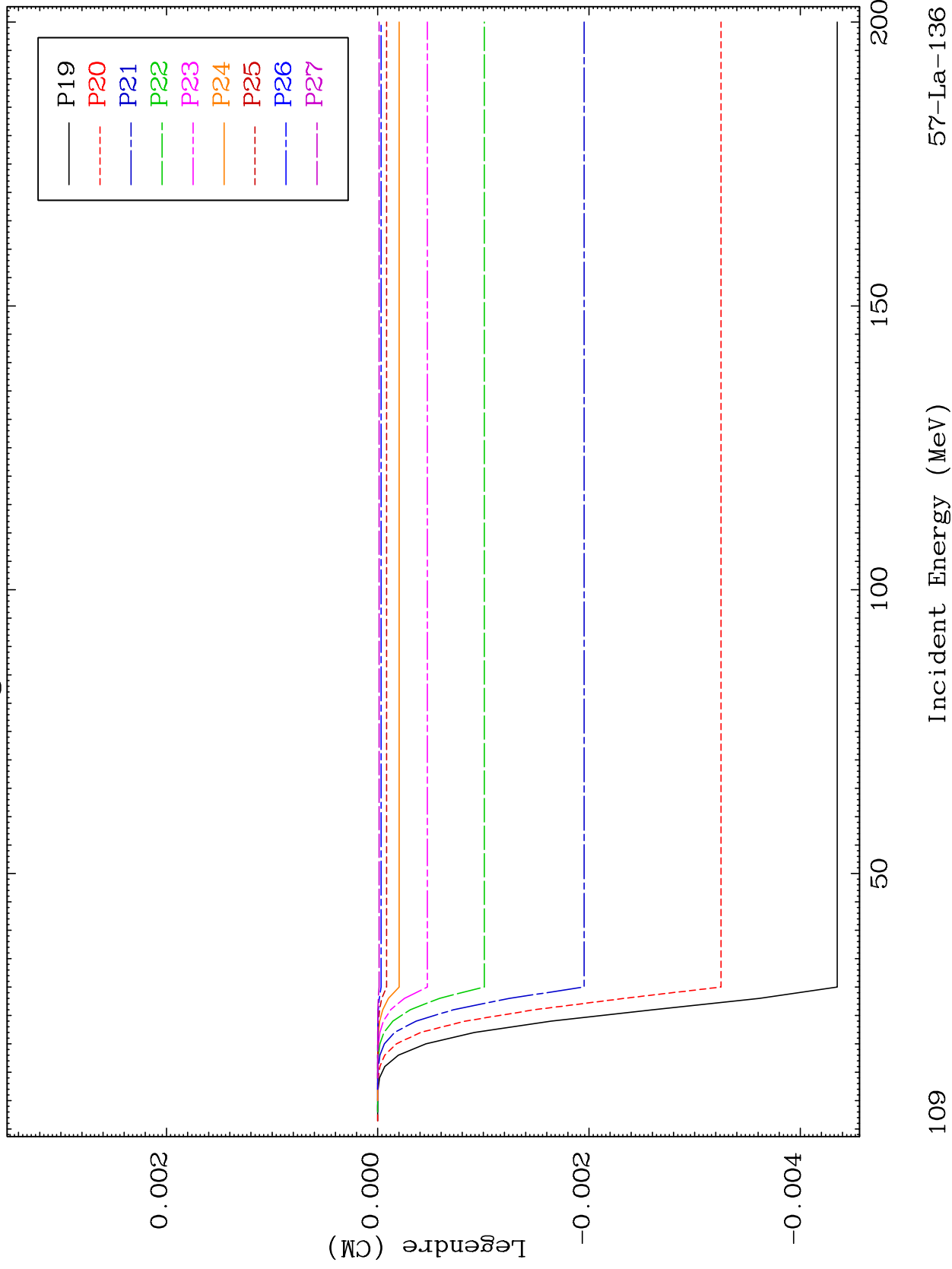
Incident Energy (MeV)

57-La-136

MAT 5719

MT= 77 (n,n') Level
Legendre Coefficients

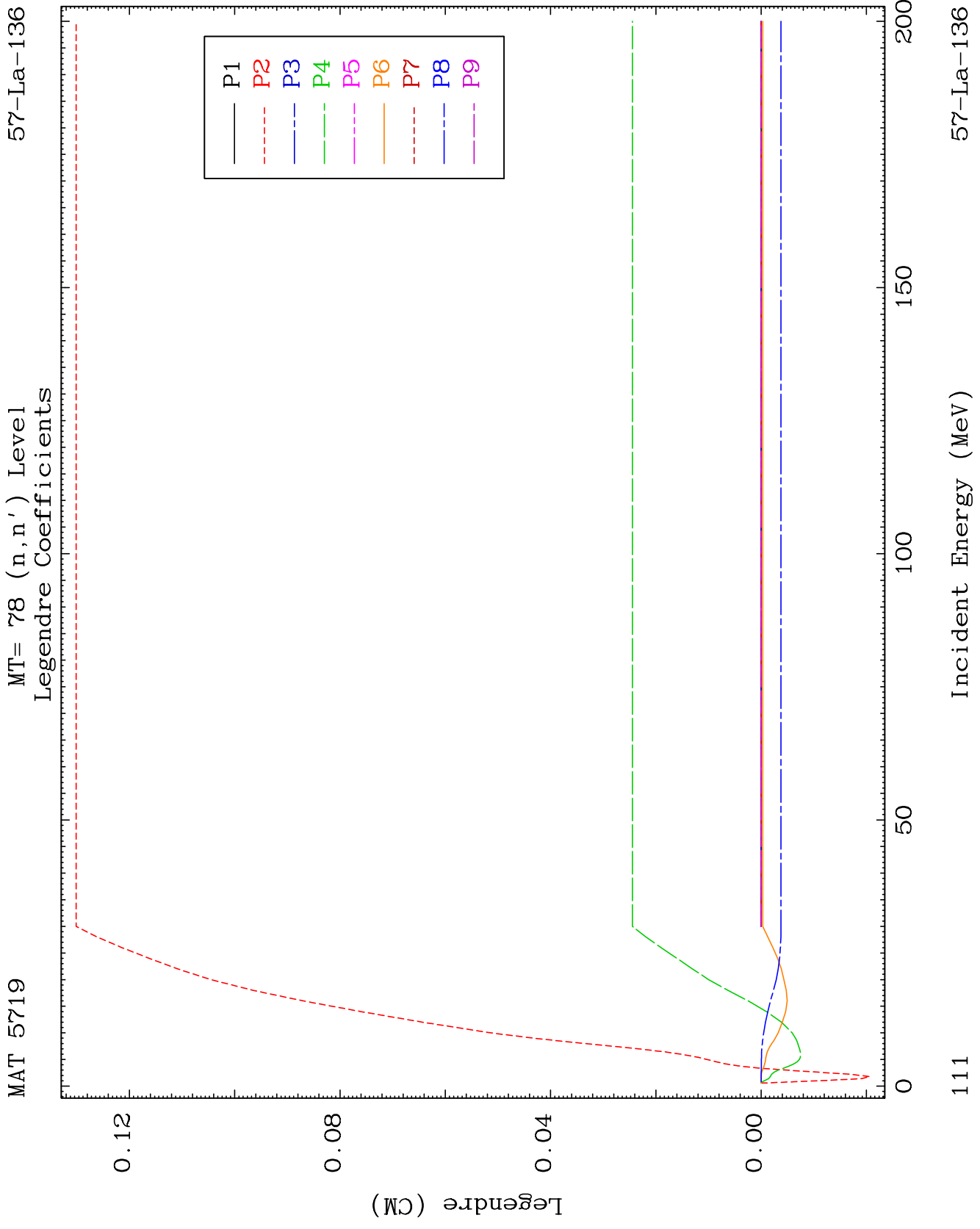
57-La-136



109

Incident Energy (MeV)

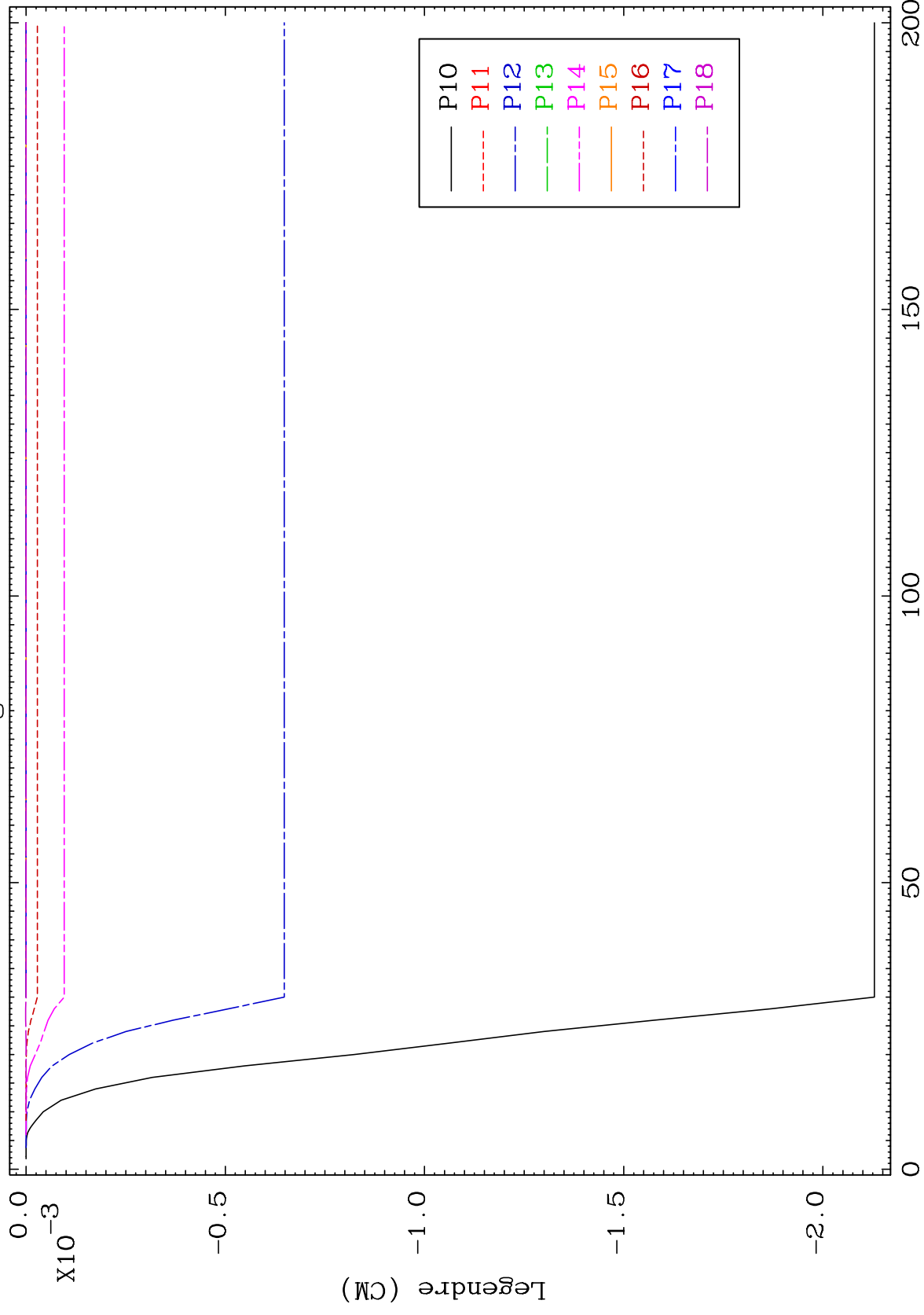
57-La-136



MAT 5719

MT= 78 (n,n') Level
Legendre Coefficients

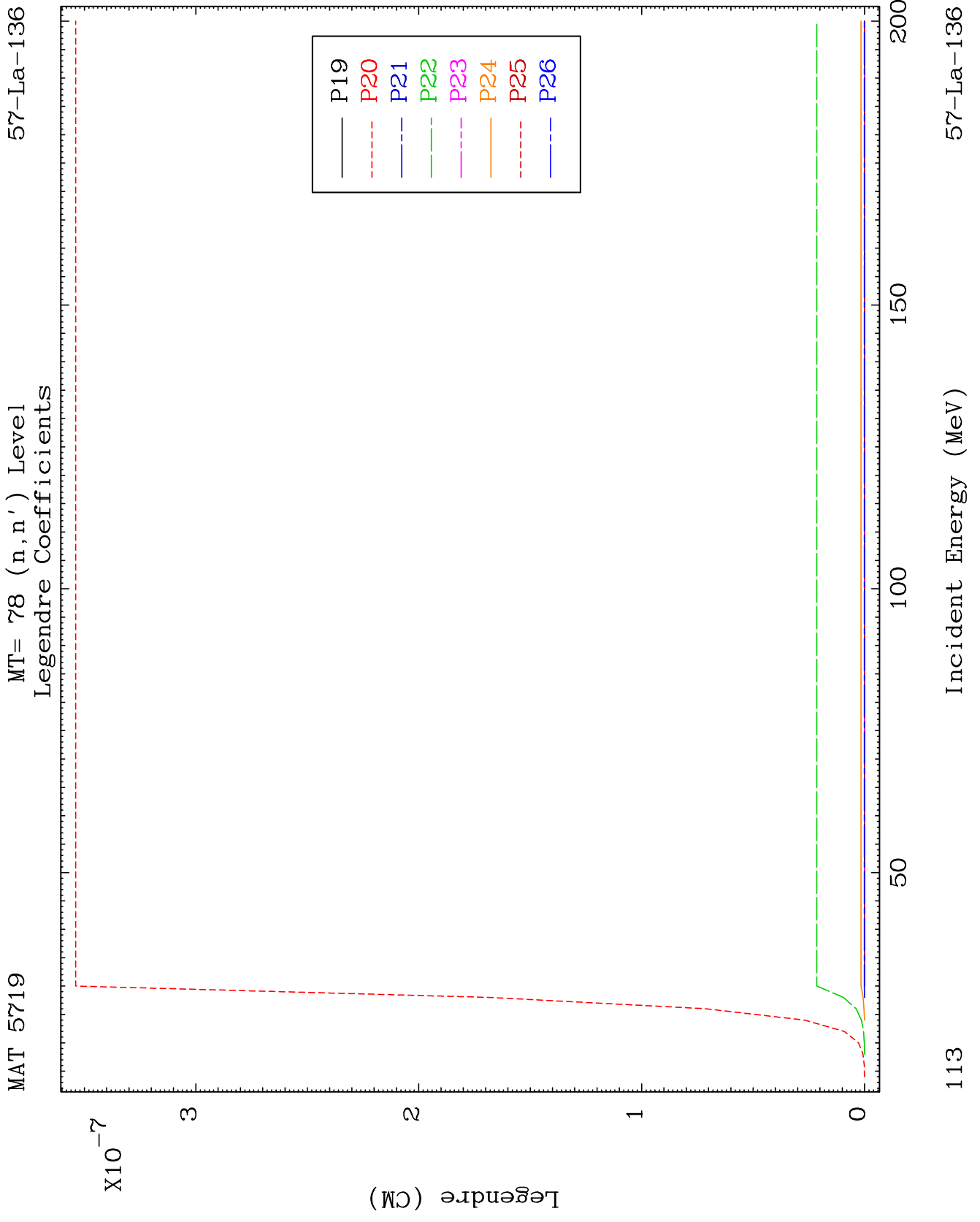
57-La-136

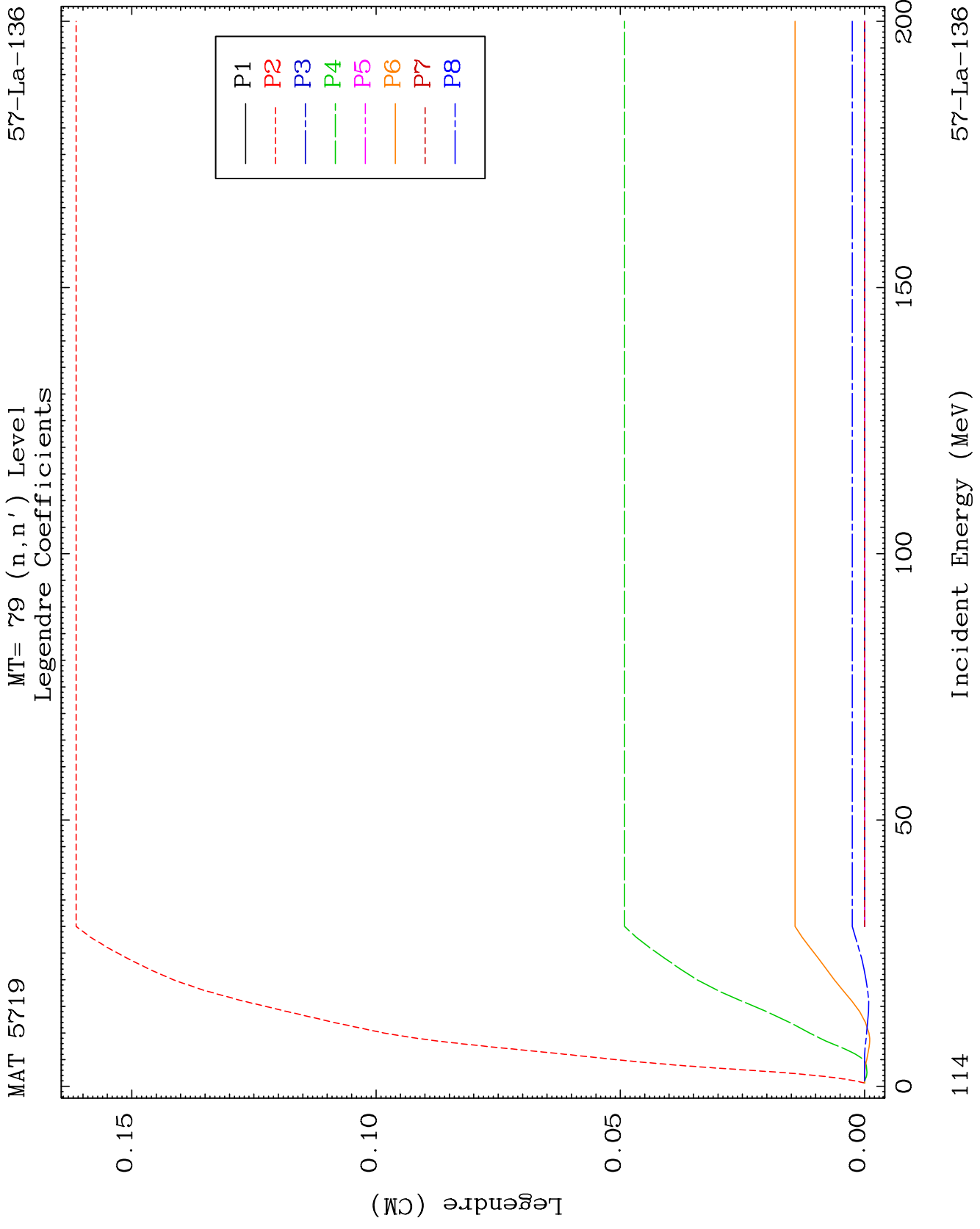


112

Incident Energy (MeV)

57-La-136

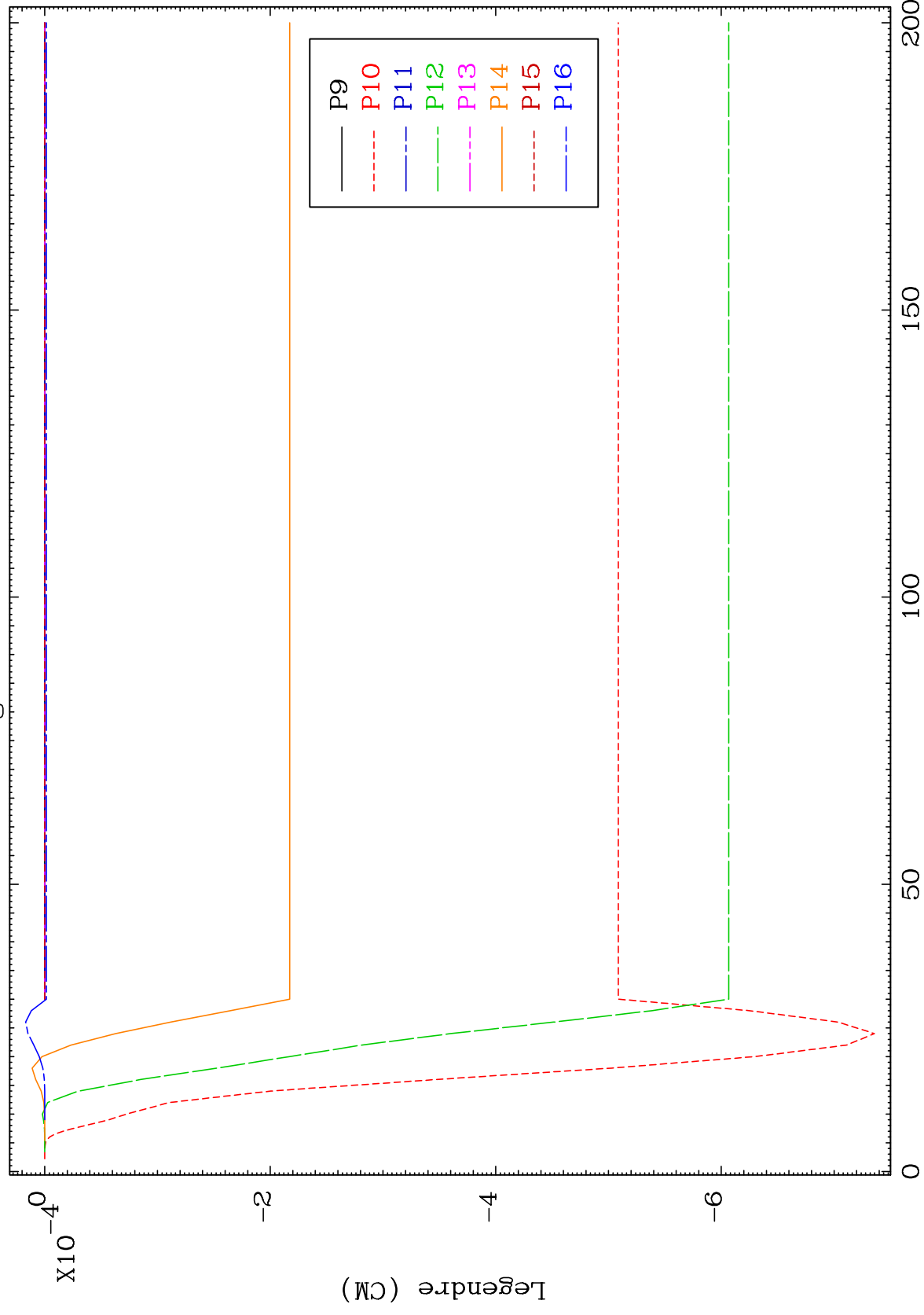




MAT 5719

MT= 79 (n,n') Level
Legendre Coefficients

57-La-136



115

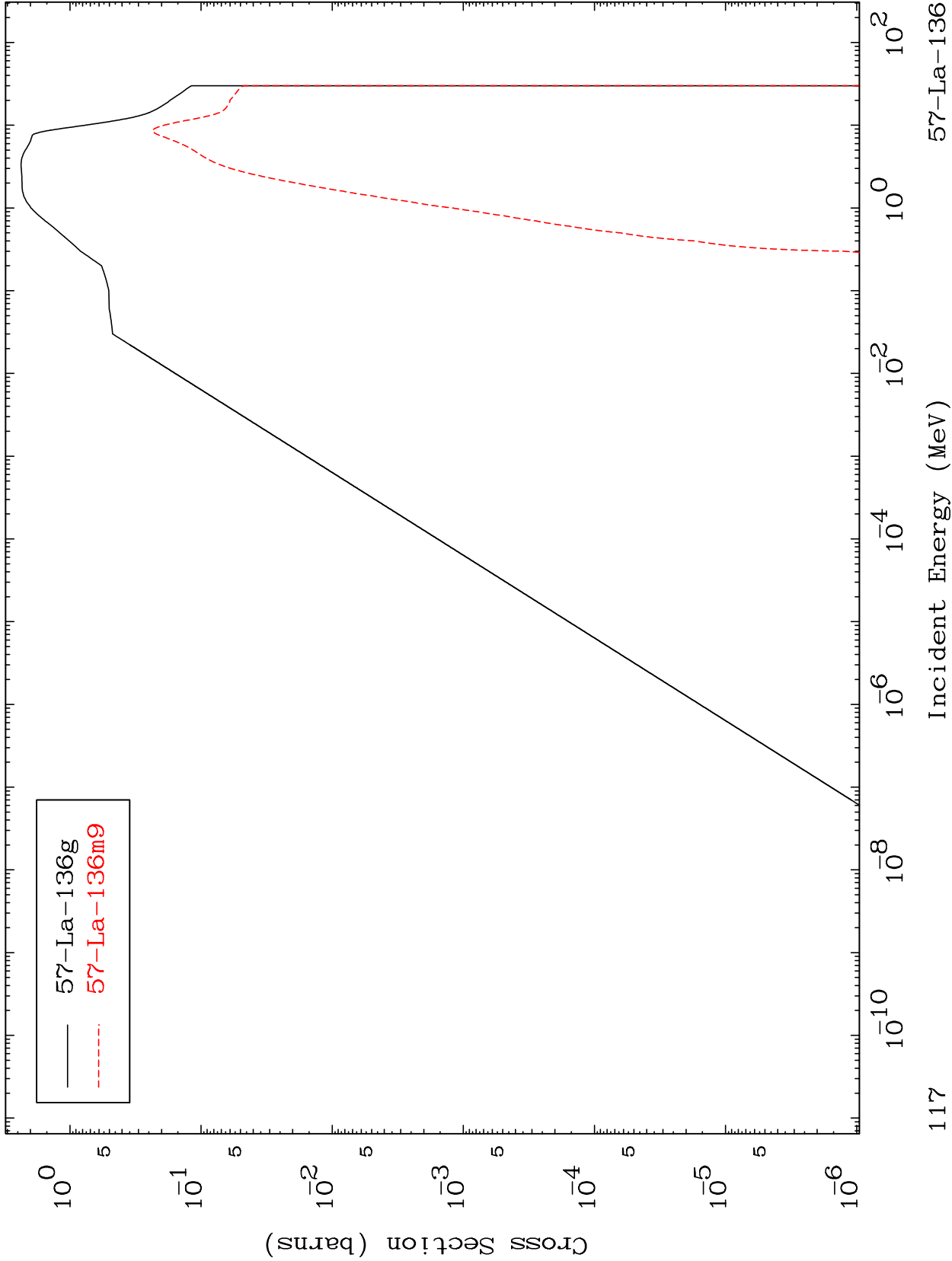
Incident Energy (MeV)

57-La-136

MAT 5719

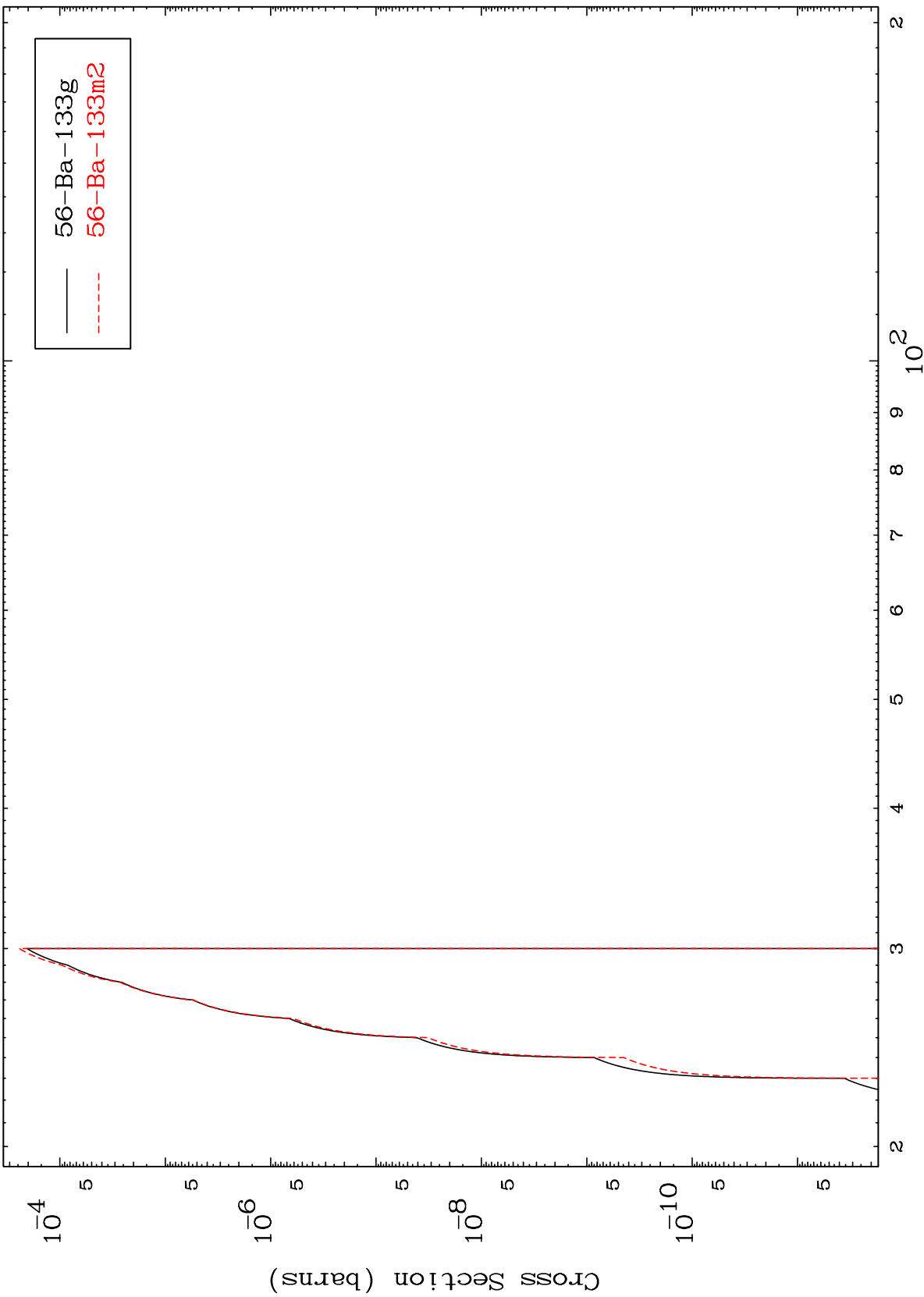
Inelastic
Radionuclide Production Cross Section

57-La-136

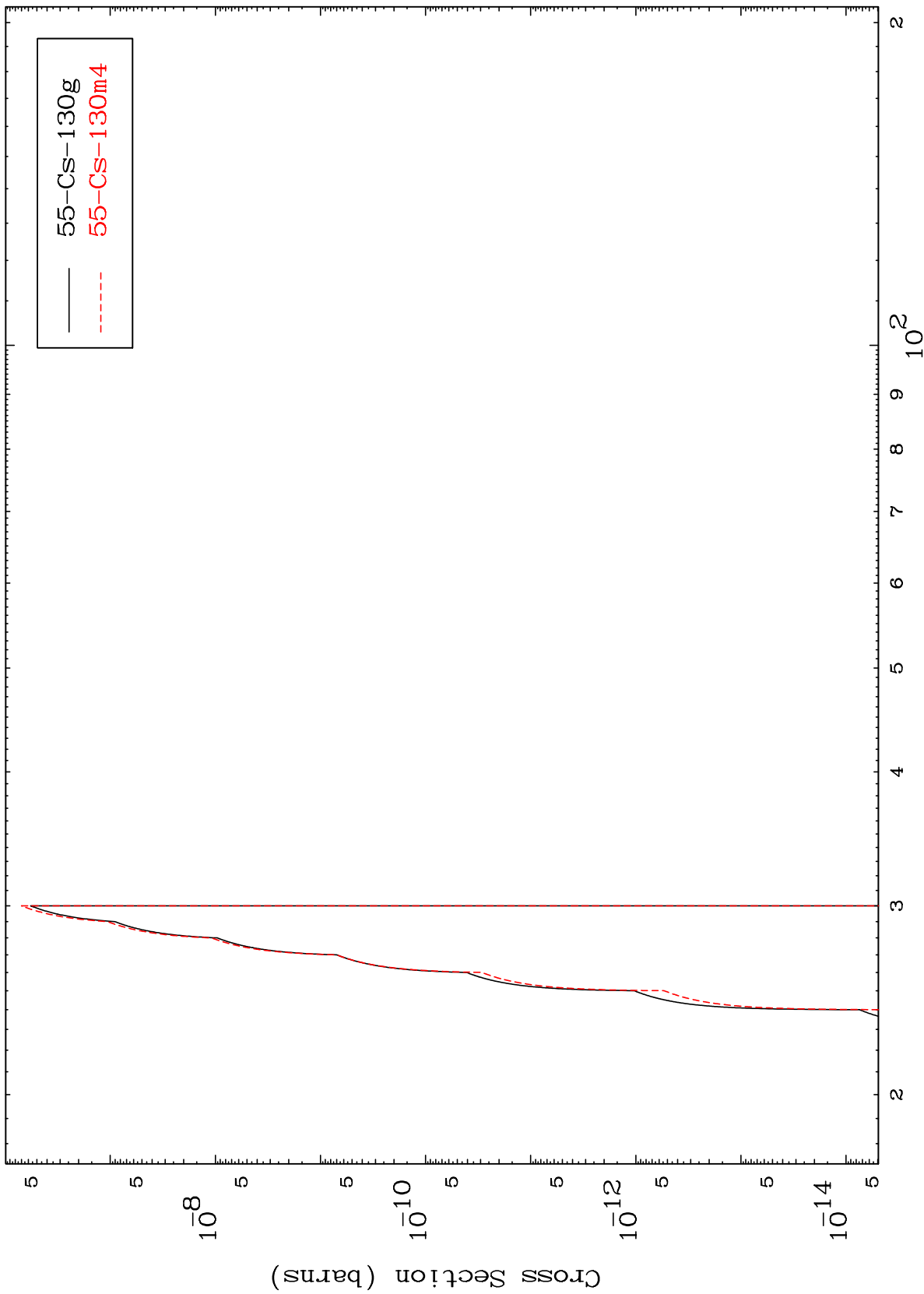


57-La-136

Radionuclide Production Cross Section



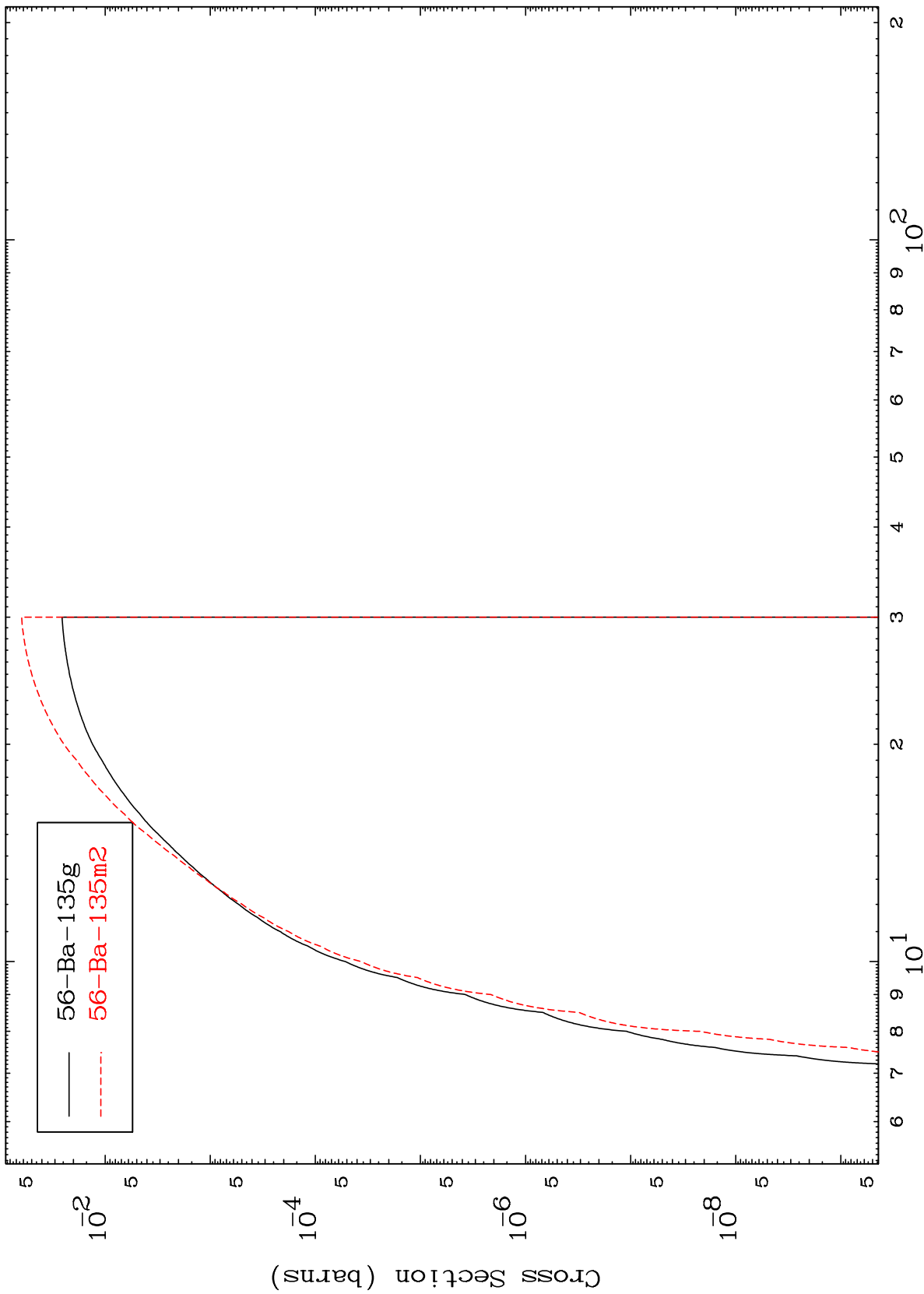
$(n,3n) \alpha$
Radionuclide Production Cross Section



MAT 5719

57-La-136

(n,n') p
Radionuclide Production Cross Section



57-La-136

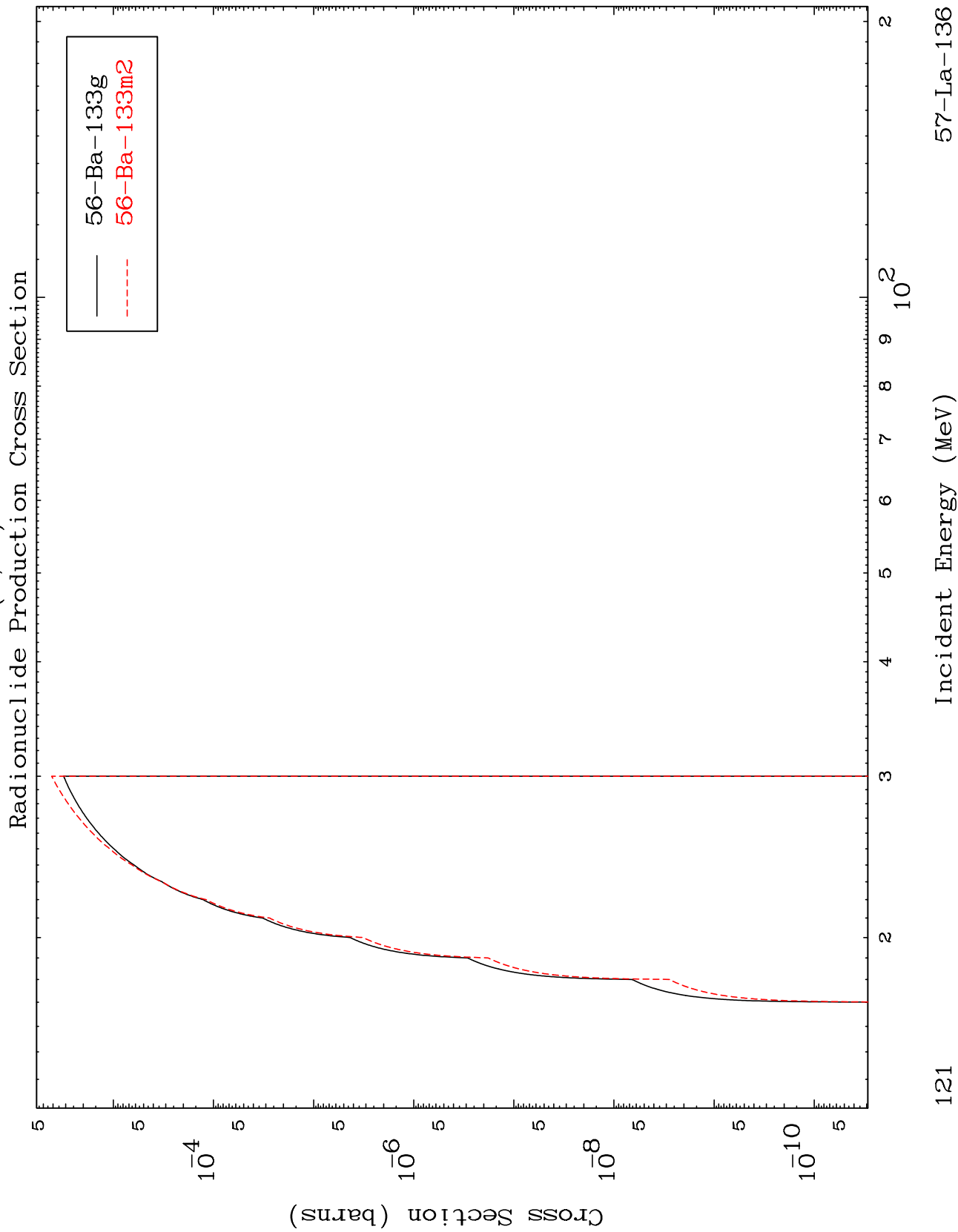
Incident Energy (MeV)

120

MAT 5719

(n,n') t

57-La-136



121

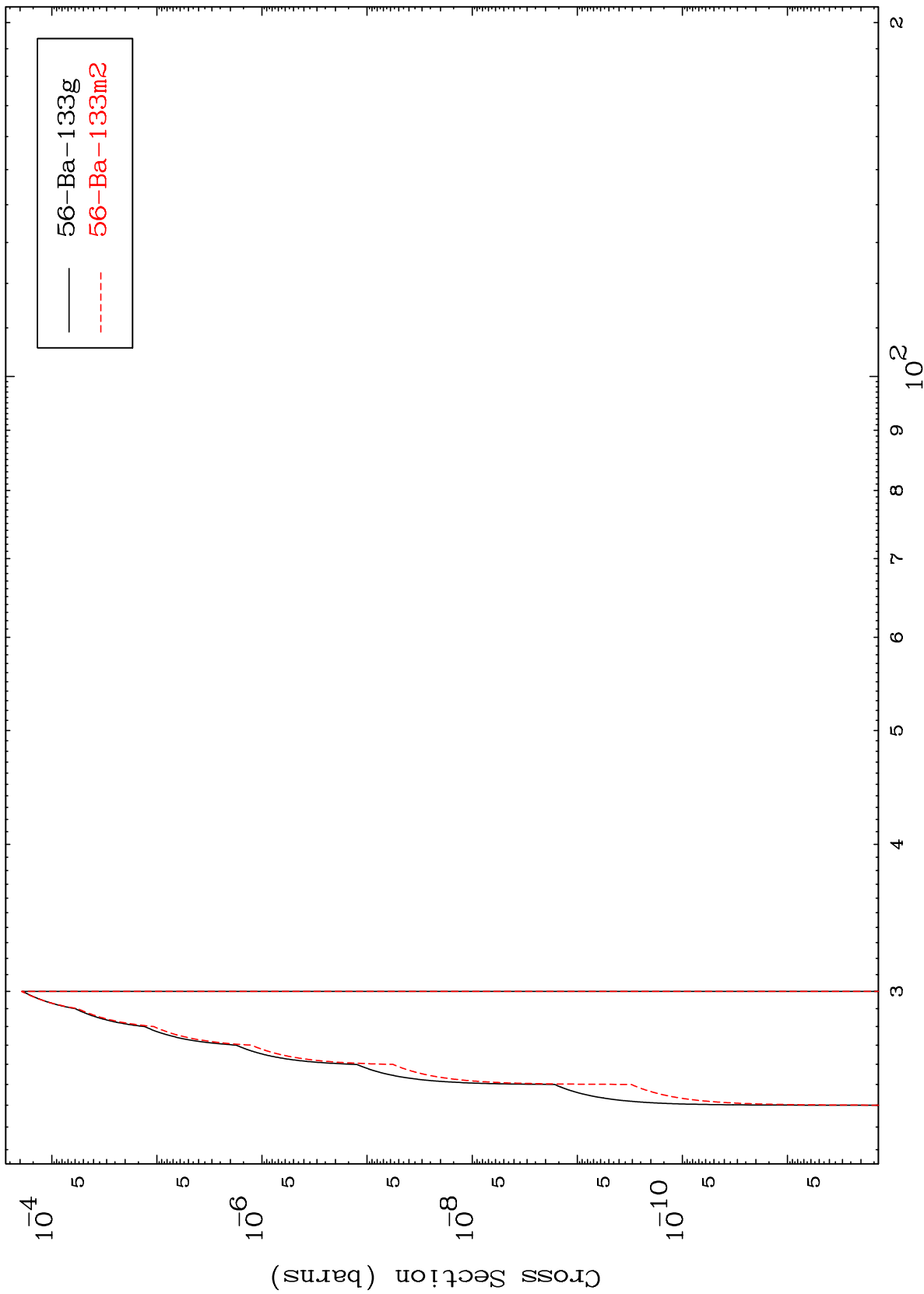
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,3n) p
Radionuclide Production Cross Section



122

Incident Energy (MeV)

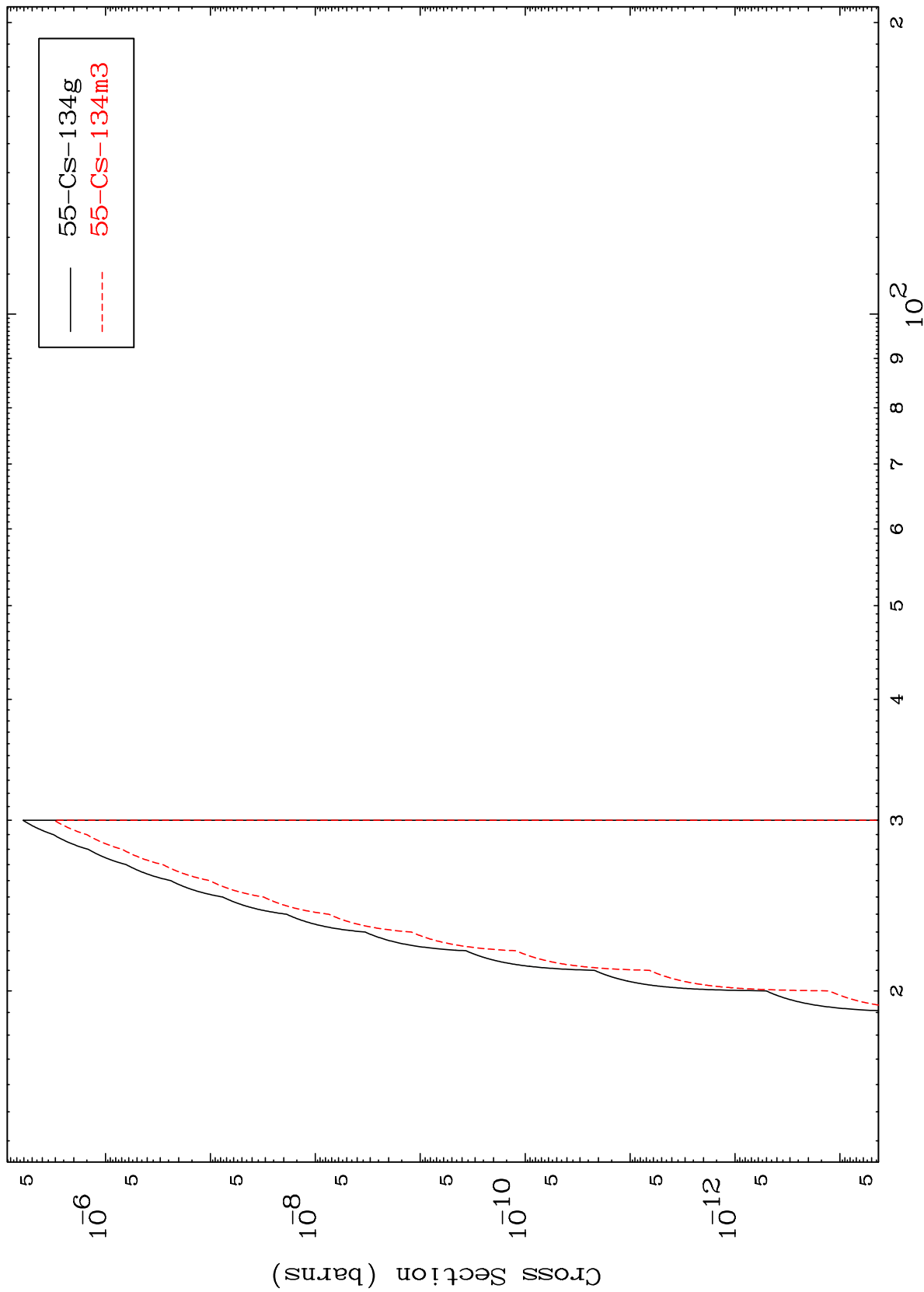
57-La-136

MAT 5719

(n,2n) p

57-La-136

Radionuclide Production Cross Section



123

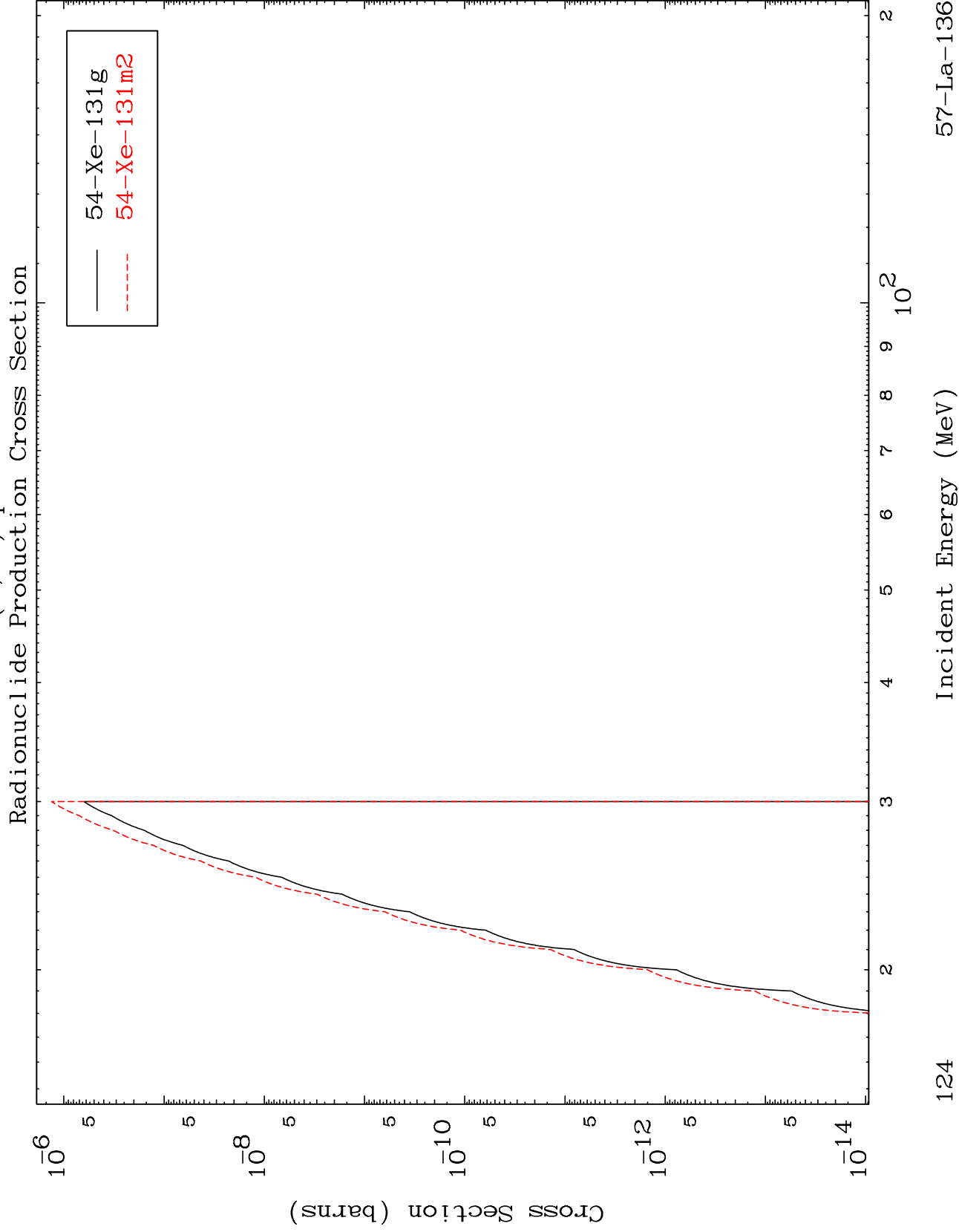
Incident Energy (MeV)

57-La-136

MAT 5719

(n,n') p α

57-La-136



124

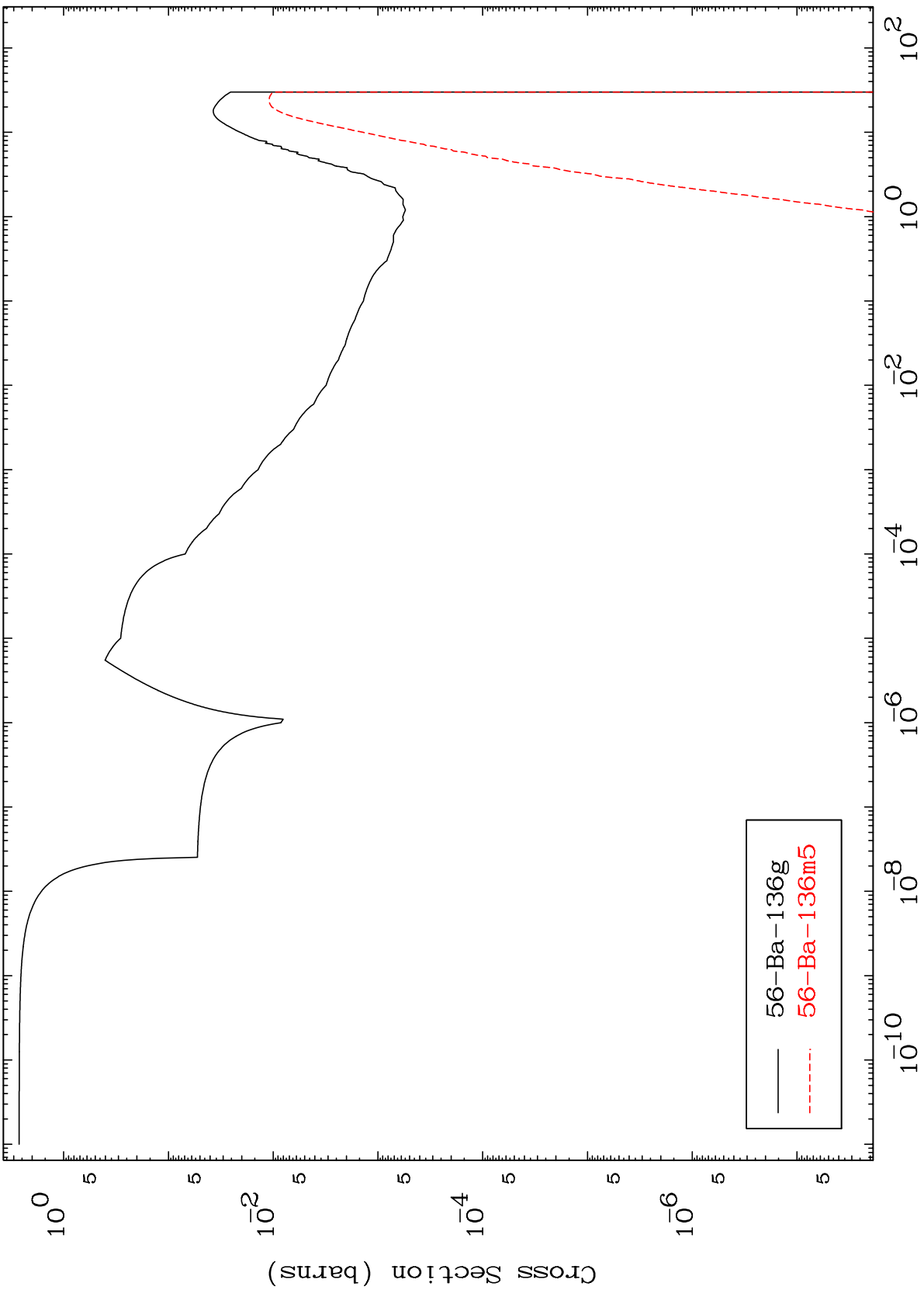
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

Radionuclide Production Cross Section (n,p)



125

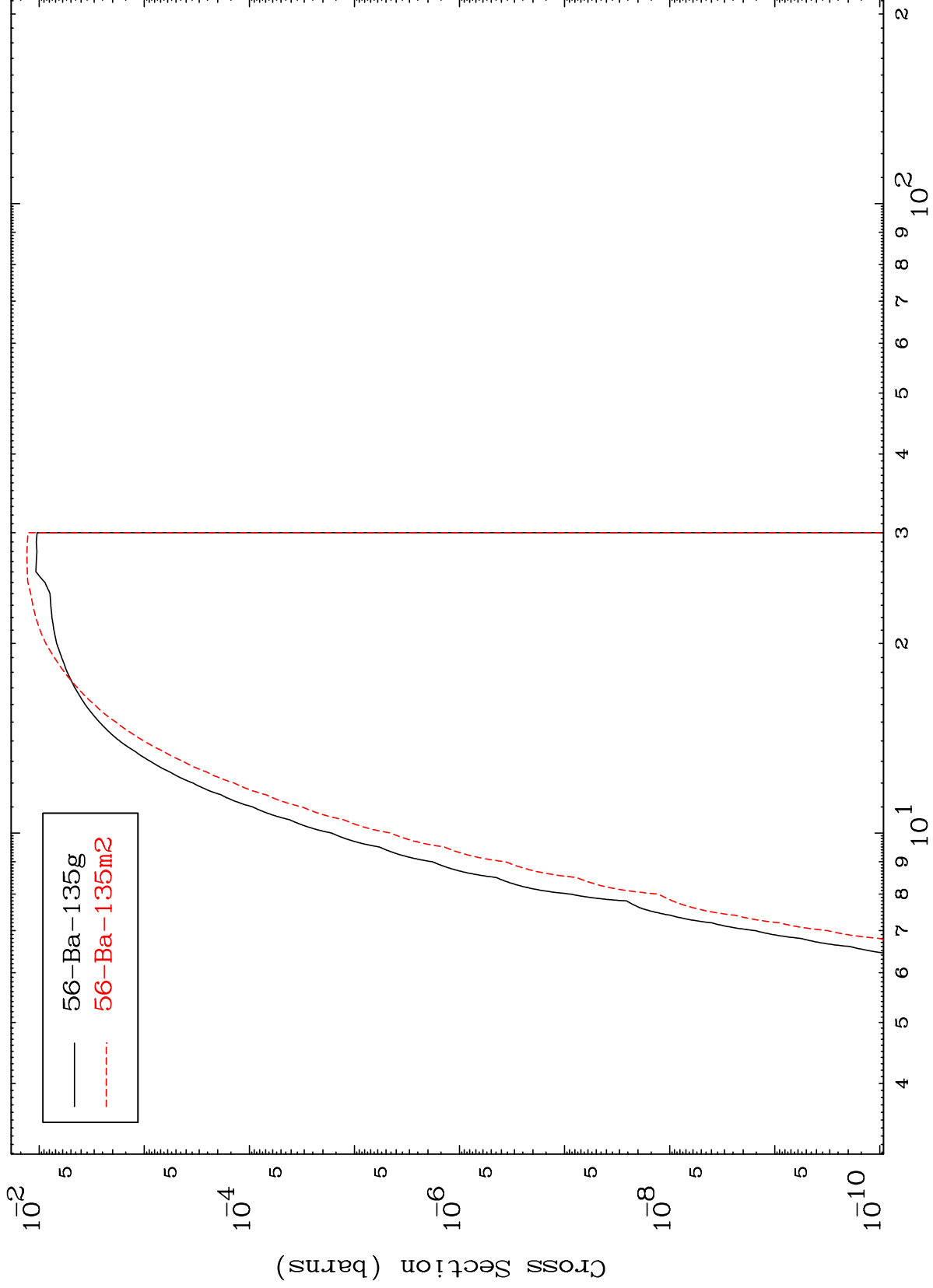
57-La-136

Incident Energy (MeV)

MAT 5719

57-La-136

(n,d)
Radionuclide Production Cross Section



126

Incident Energy (MeV)

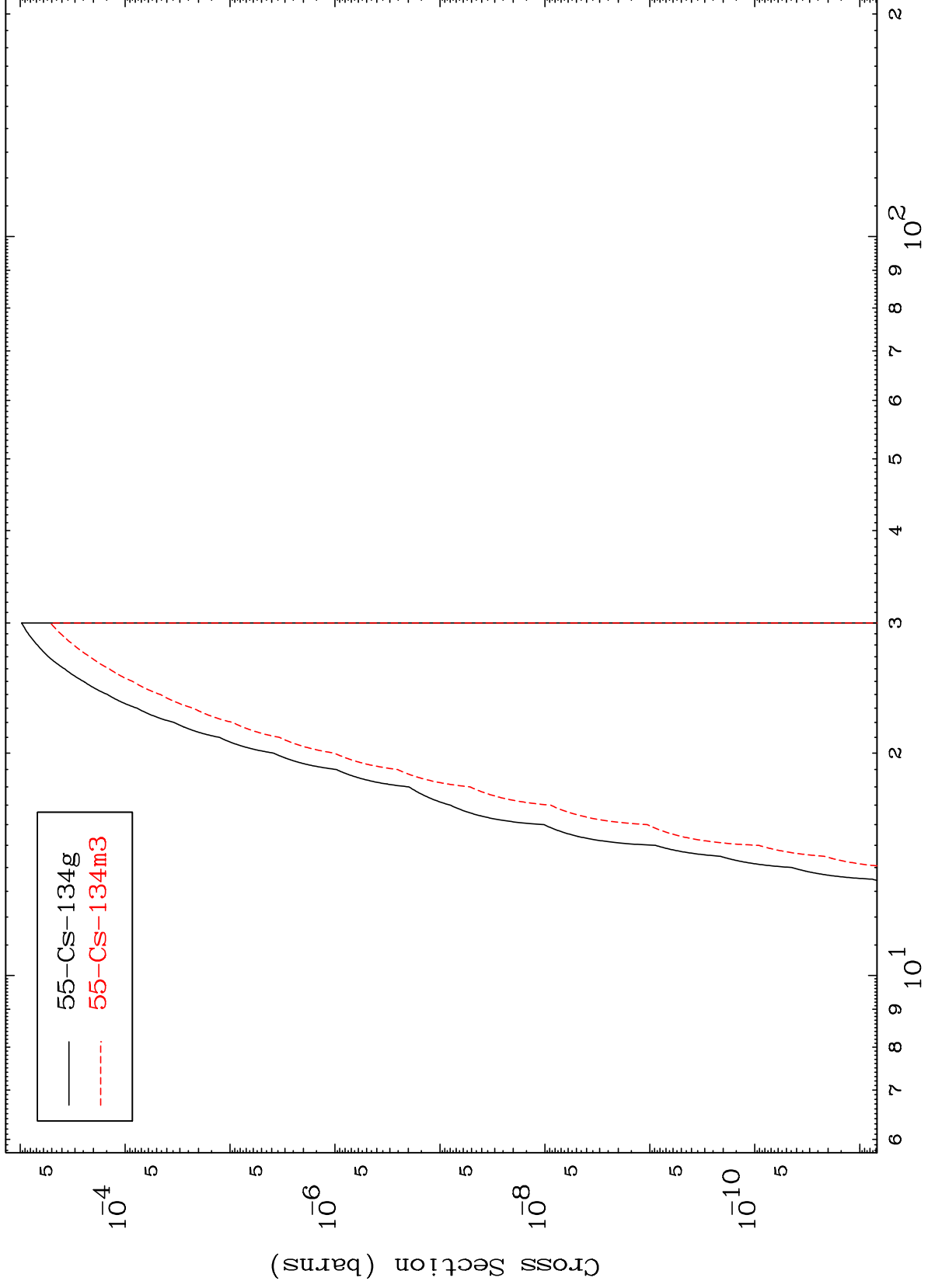
57-La-136

MAT 5719

(n,He-3)

57-La-136

Radionuclide Production Cross Section



55-Cs-134g
55-Cs-134m3

127

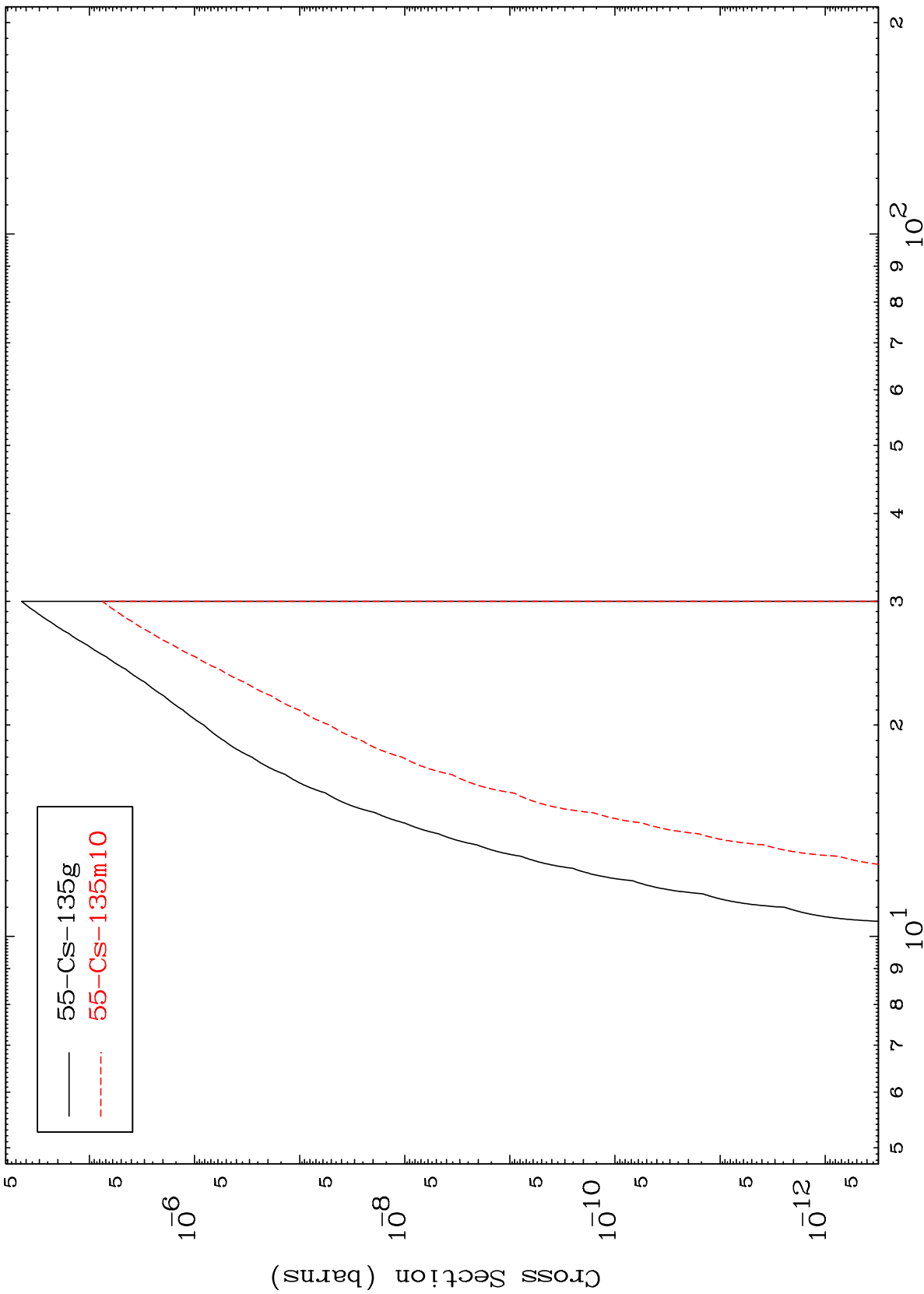
Incident Energy (MeV)

57-La-136

MAT 5719

57-La-136

(n,2p)
Radionuclide Production Cross Section

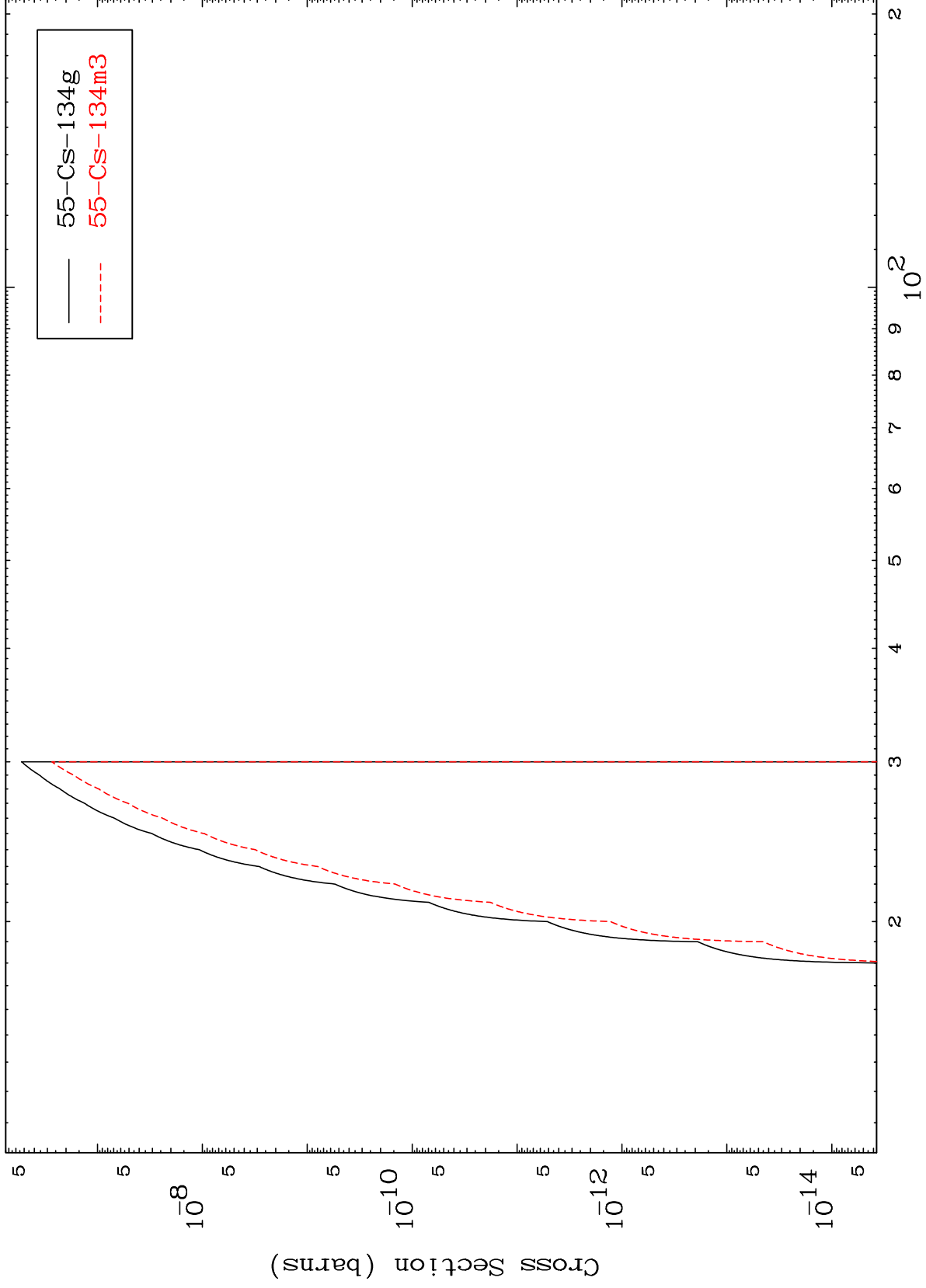


128

Incident Energy (MeV)

57-La-136

(n,p) d
Radionuclide Production Cross Section

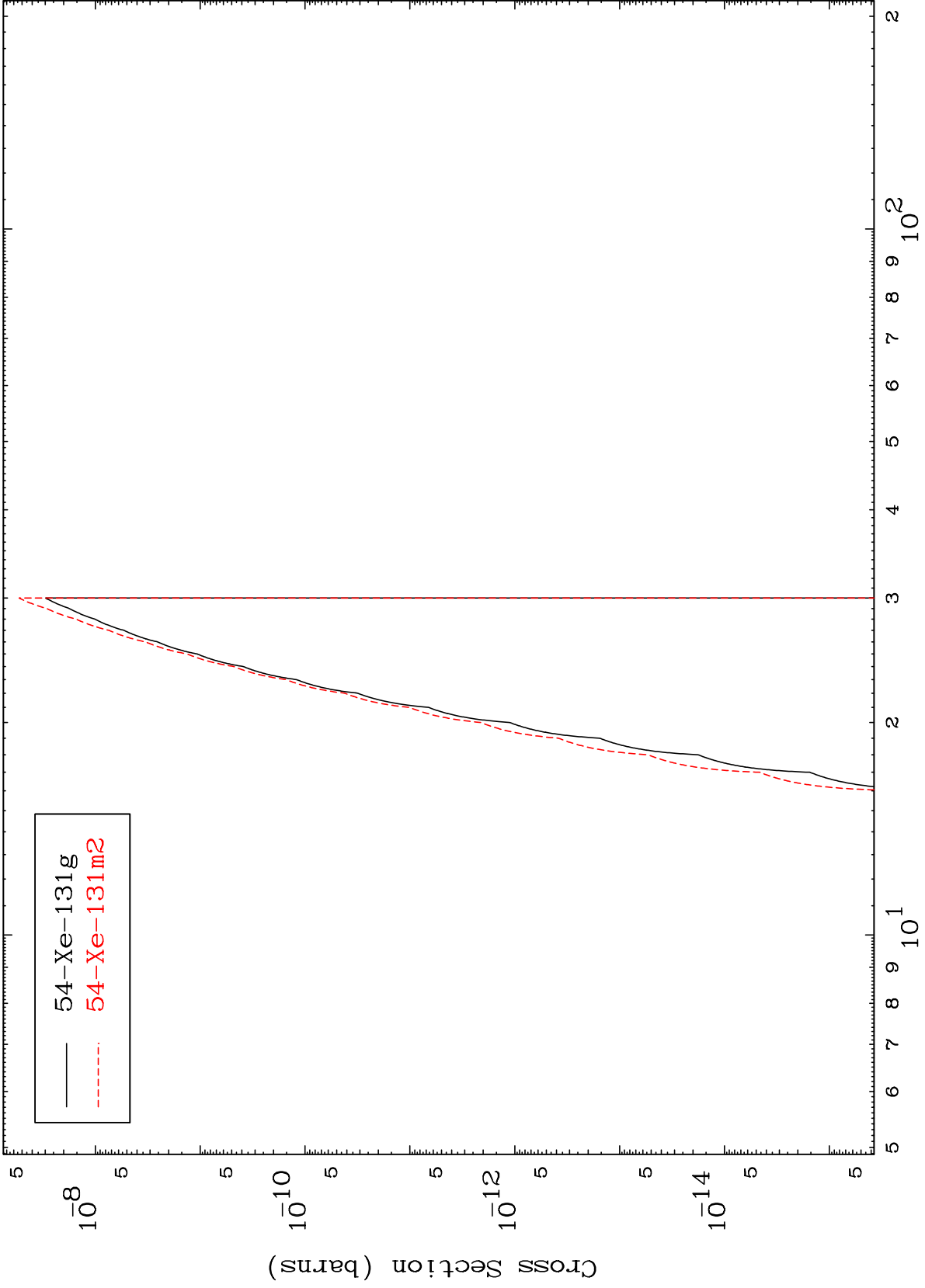


MAT 5719

(n,d) α

57-La-136

Radionuclide Production Cross Section



130

Incident Energy (MeV)

57-La-136