

Program EVALPLOT  
(Version 2018-1)

by

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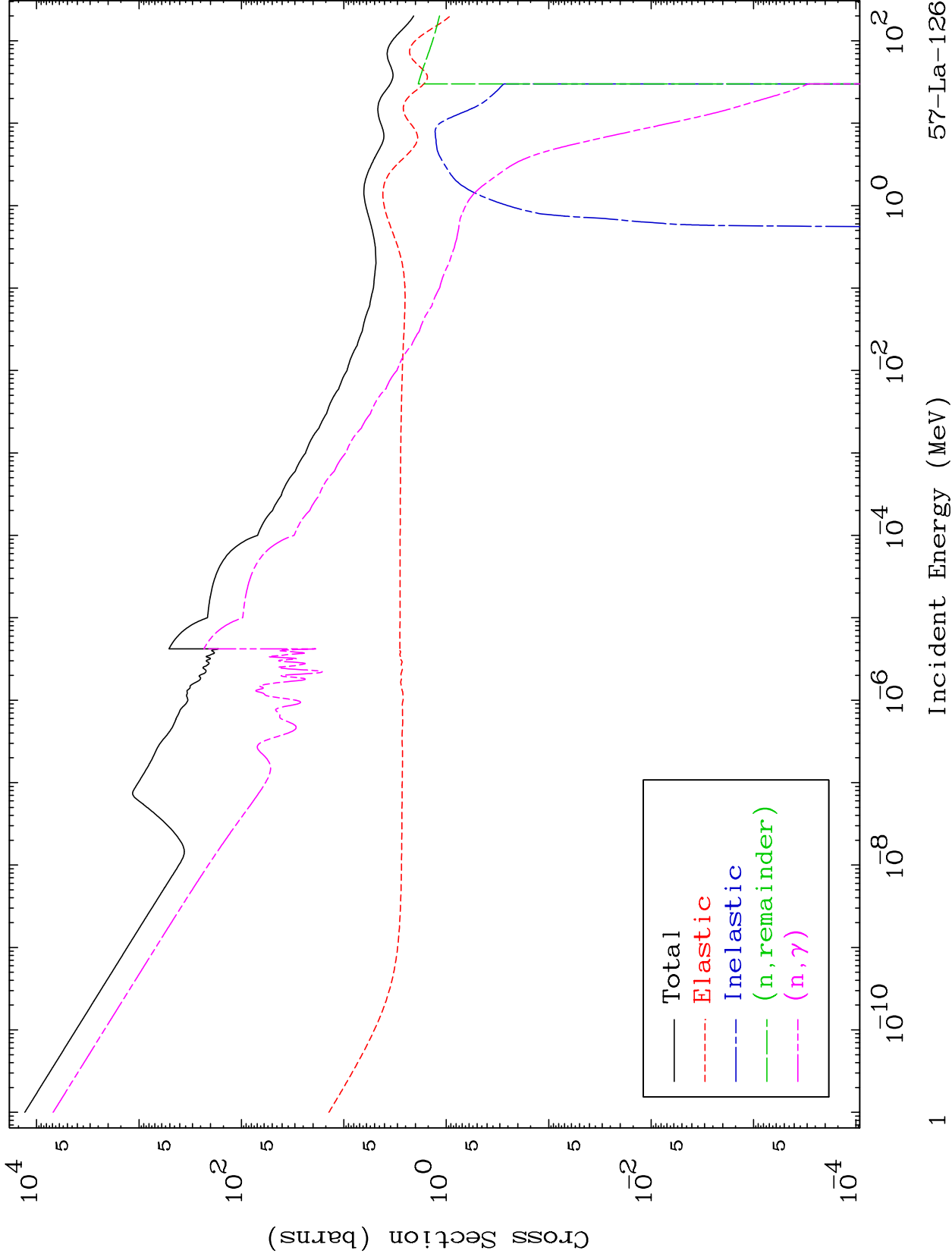
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Press Mouse Button to Start

MAT 5689

Major  
293 Kelvin Cross Sections

57-La-126



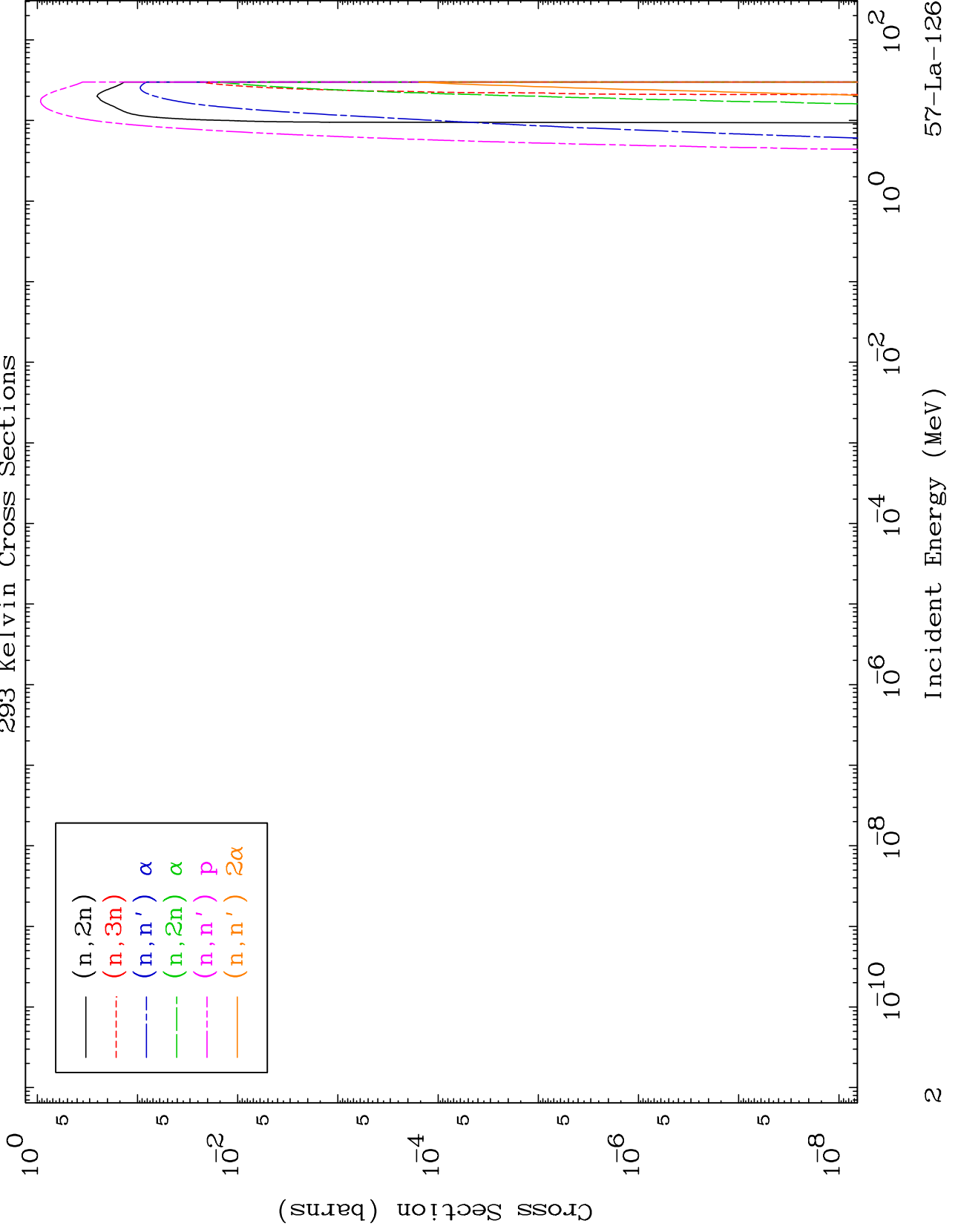
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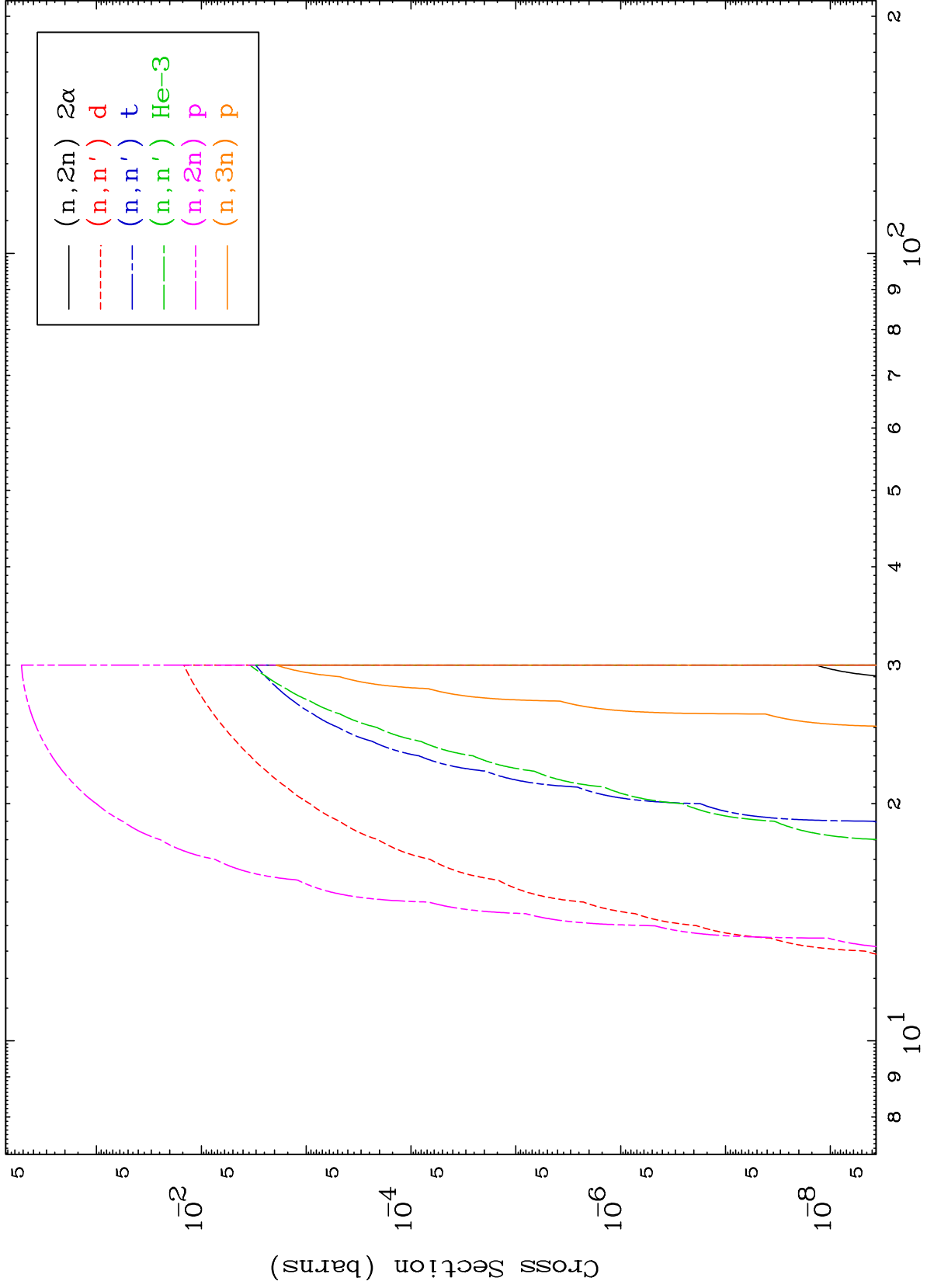
57-La-126

MAT 5689

Neutron Production  
293 Kelvin Cross Sections

57-La-126

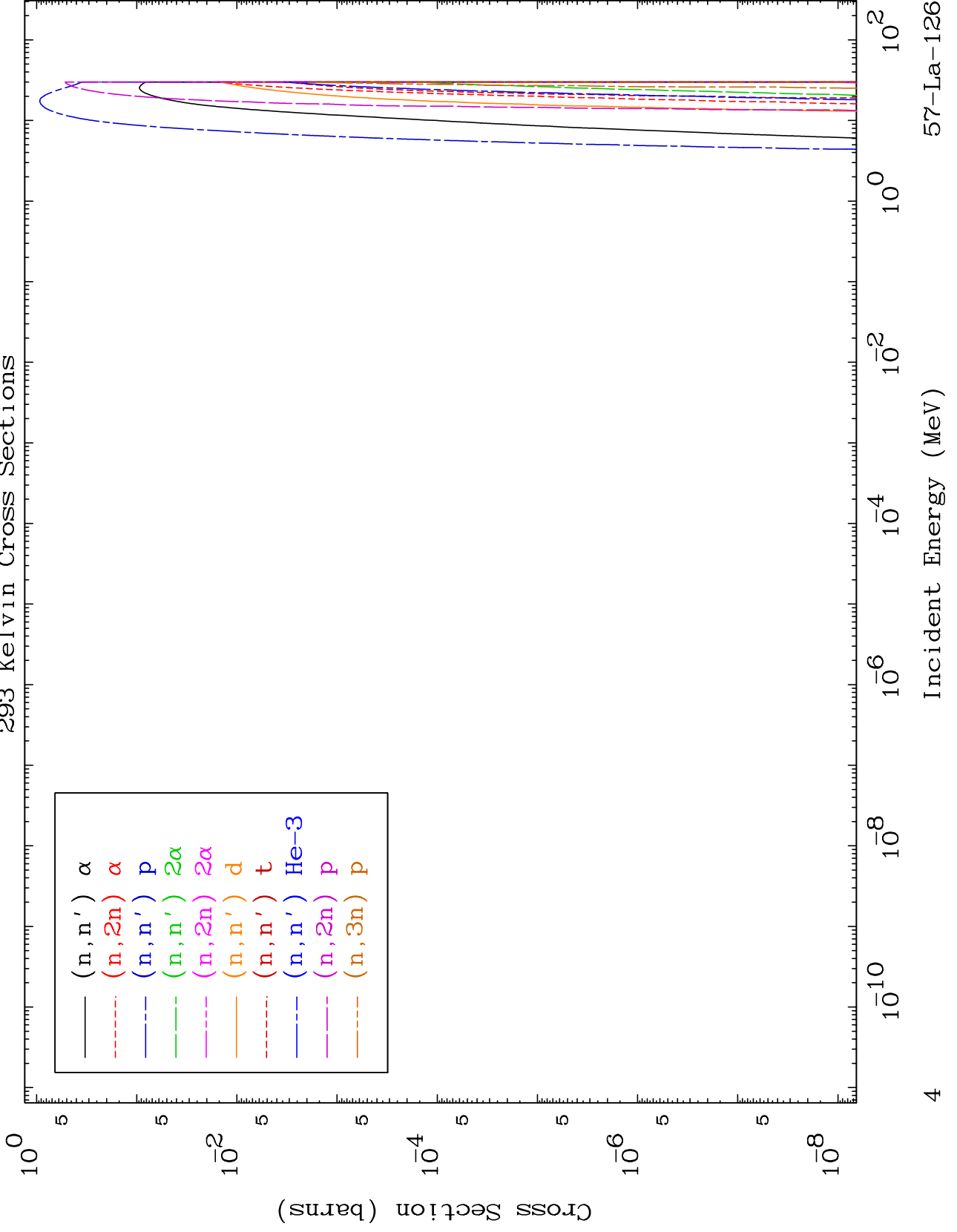




MAT 5689

Charged Particle  
293 Kelvin Cross Sections

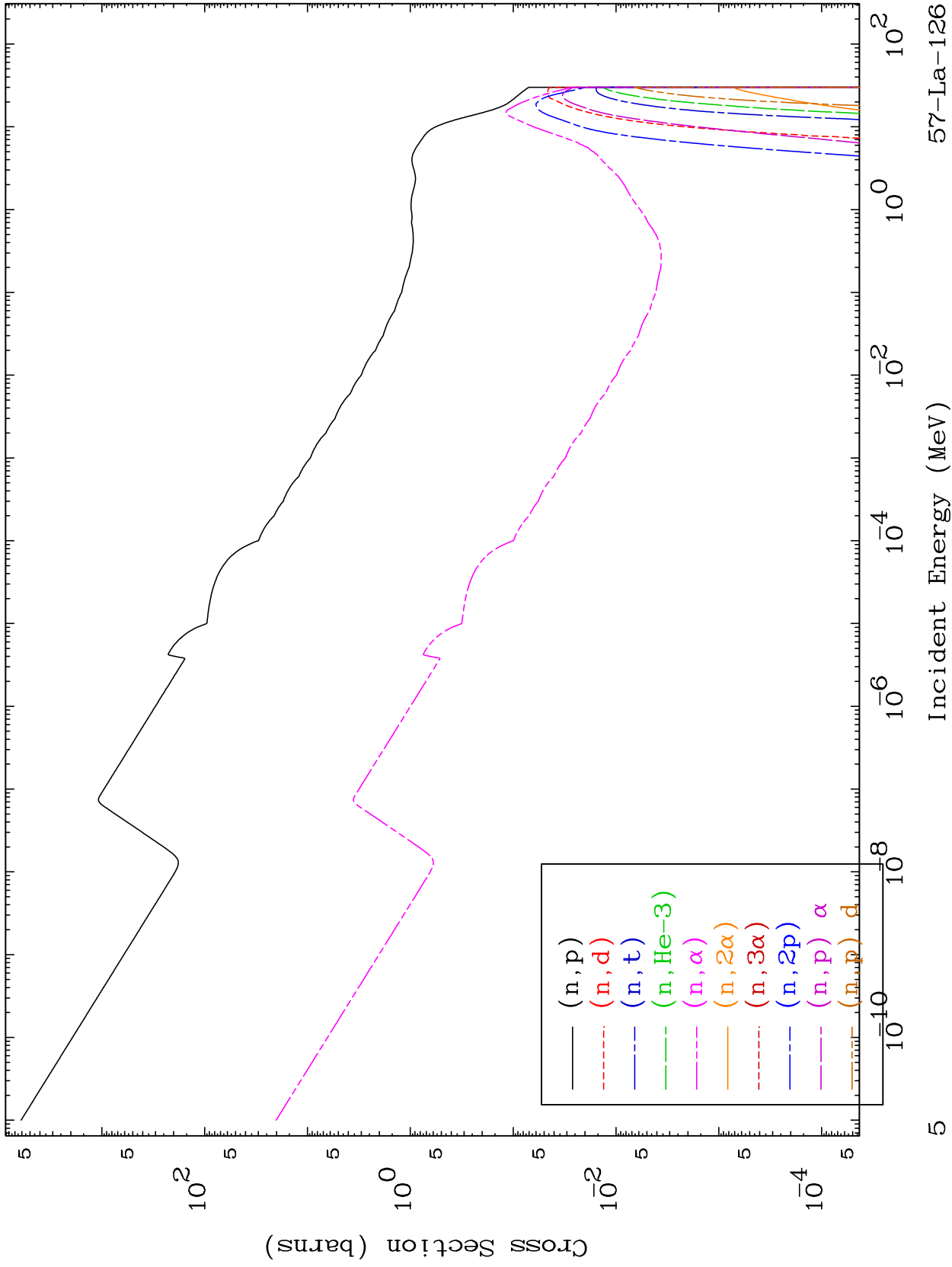
57-La-126



MAT 5689

Charged Particle  
293 Kelvin Cross Sections

57-La-126



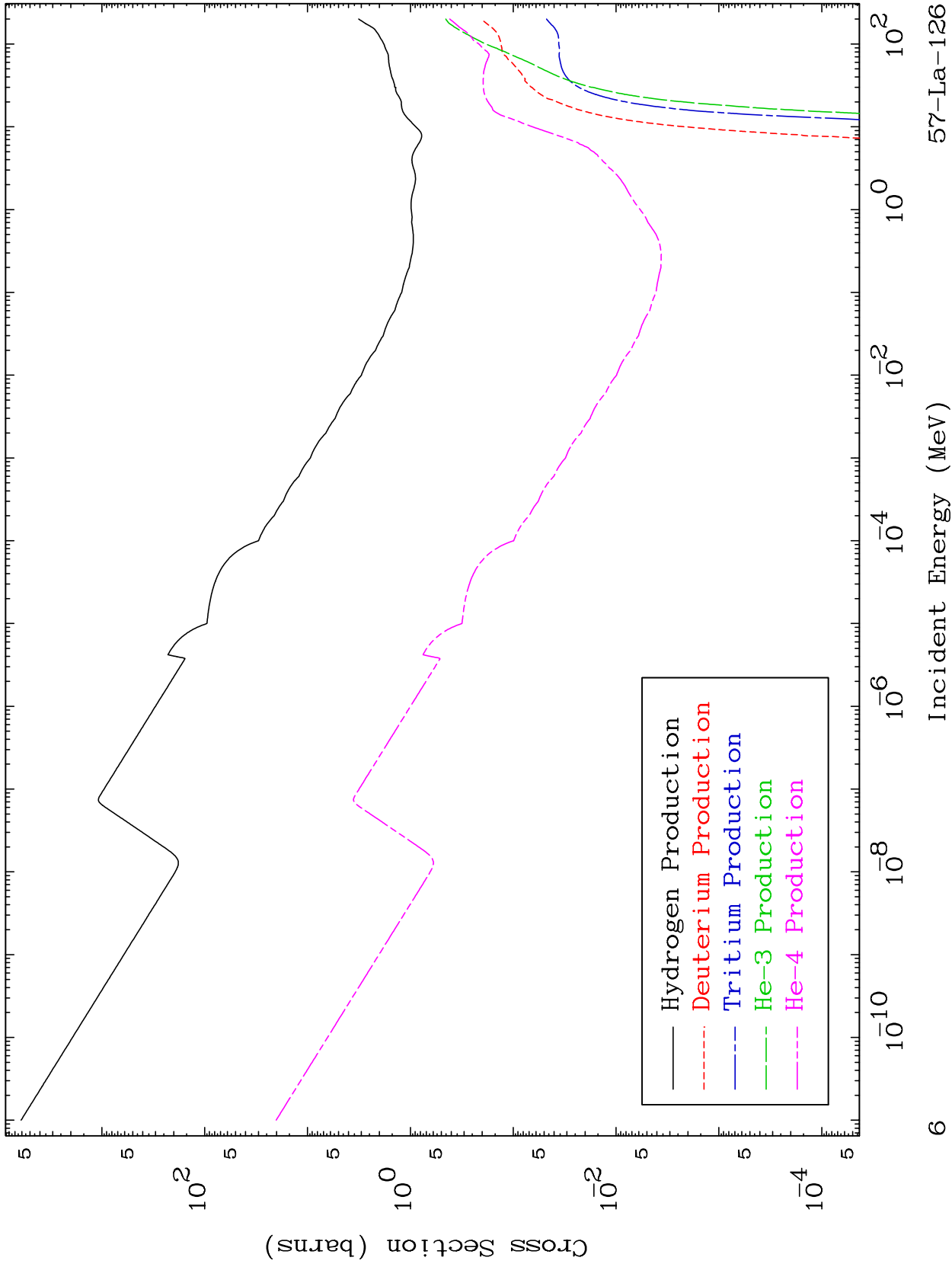
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57-La-126

MAT 5689

Particle Production  
293 Kelvin Cross Sections

57-La-126

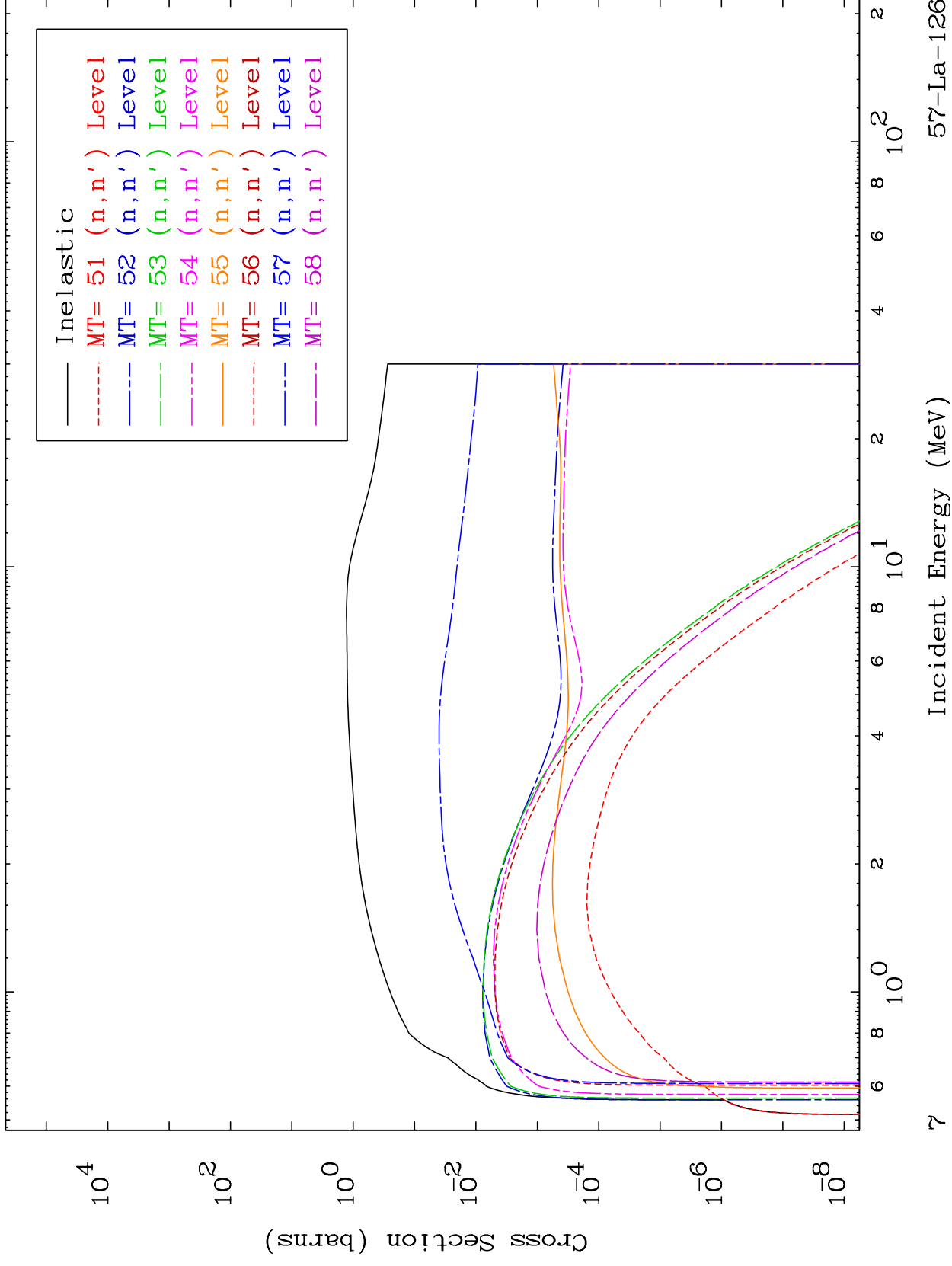


MAT 5689

(n,n') Level

57-La-126

293 Kelvin Cross Sections



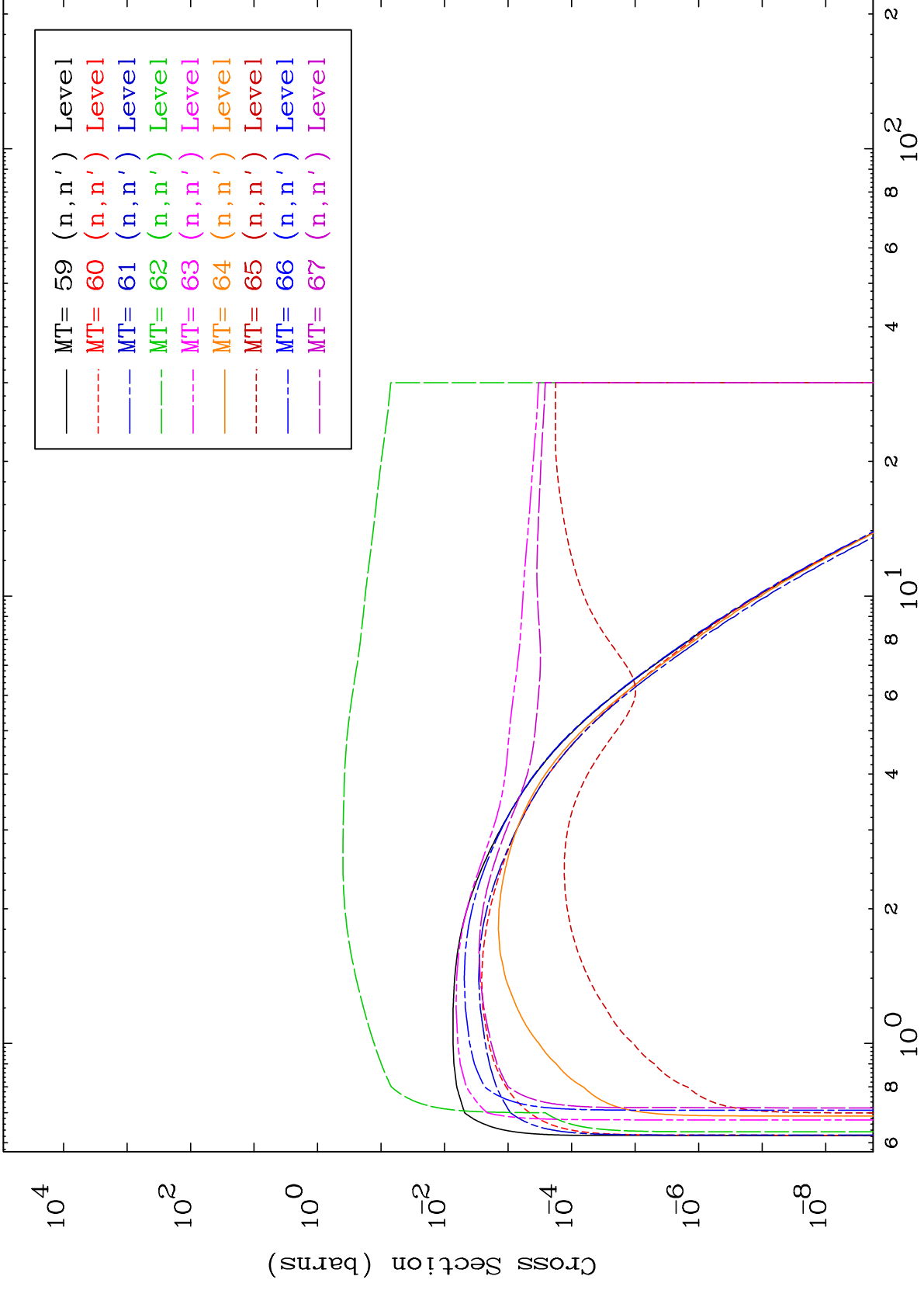


MAT 5689

(n,n') Level

57-La-126

293 Kelvin Cross Sections



Incident Energy (MeV)

57-La-126

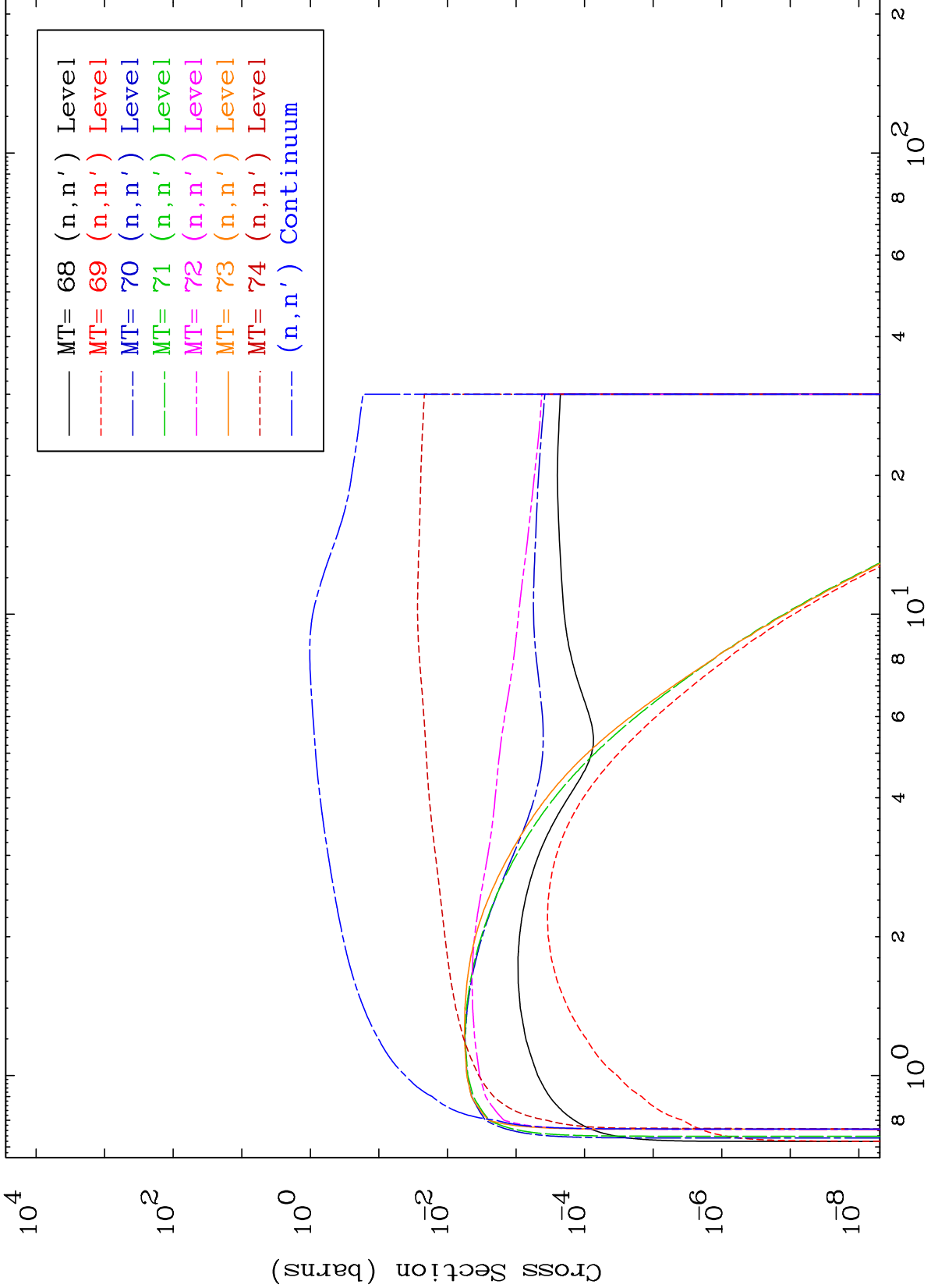
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MAT 5689

(n,n') Level

57-La-126

293 Kelvin Cross Sections



9

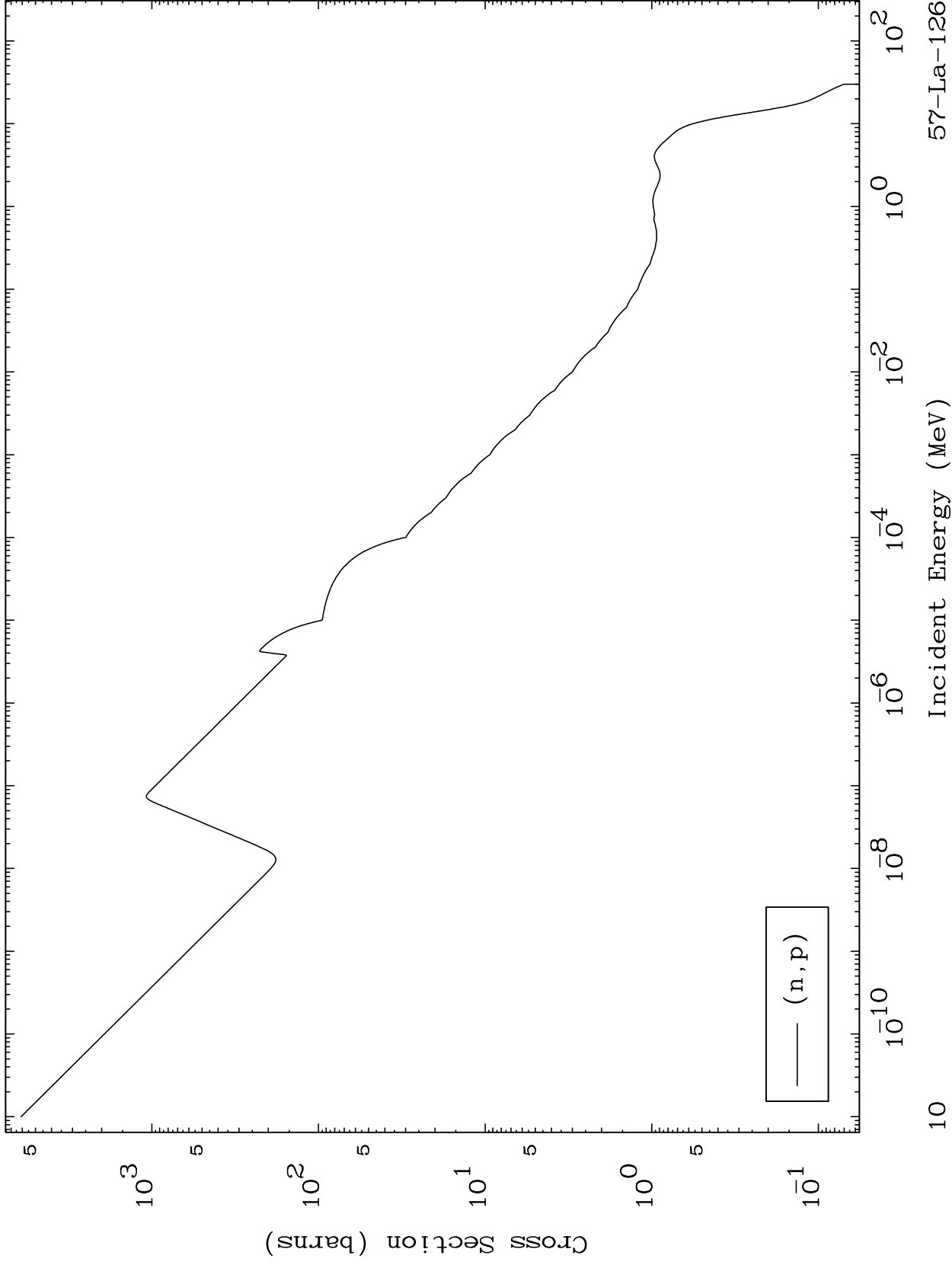
Incident Energy (MeV)

57-La-126

MAT 5689

(n,p) Levels  
293 Kelvin Cross Sections

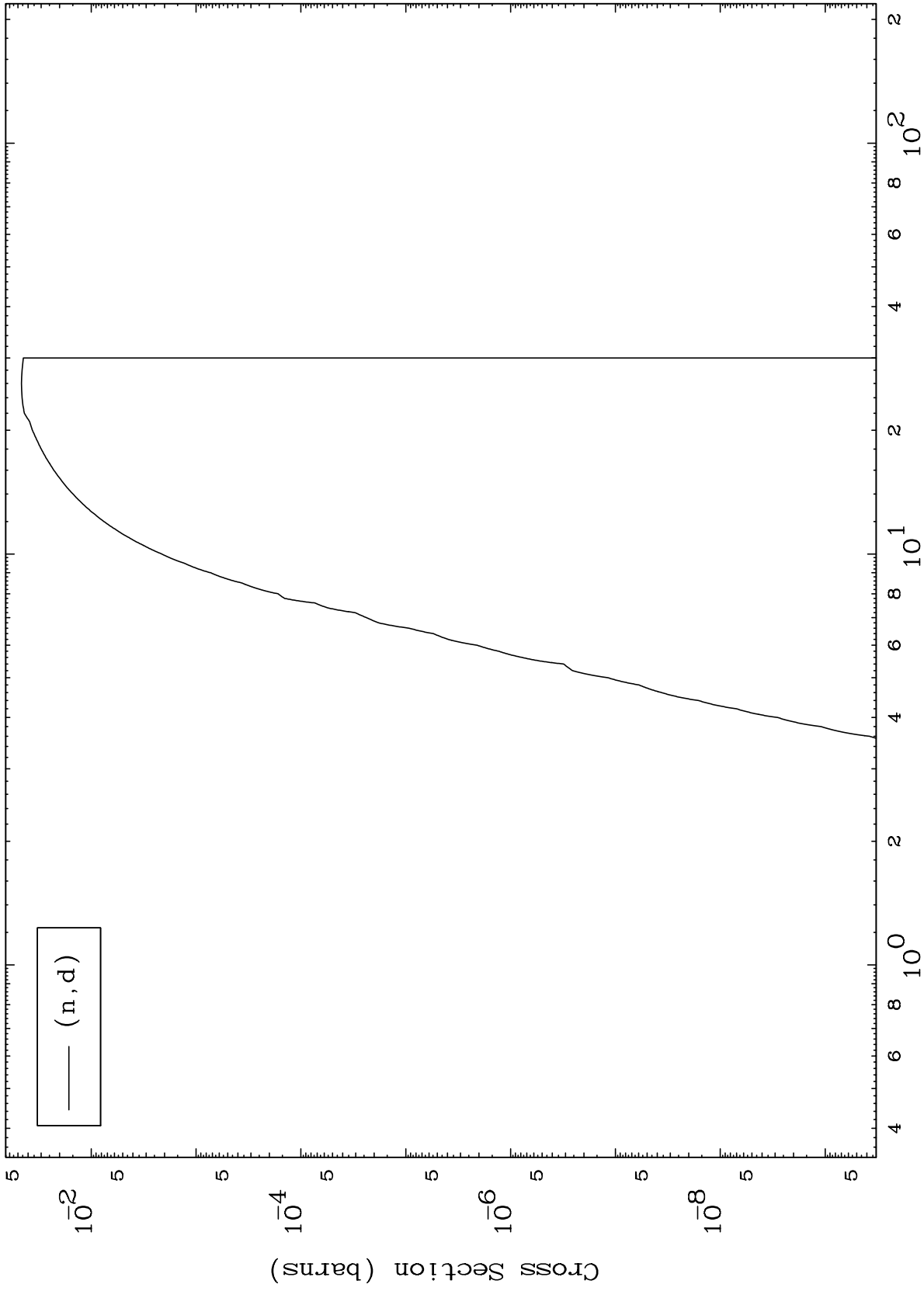
57-La-126



MAT 5689

(n,d) Levels  
293 Kelvin Cross Sections

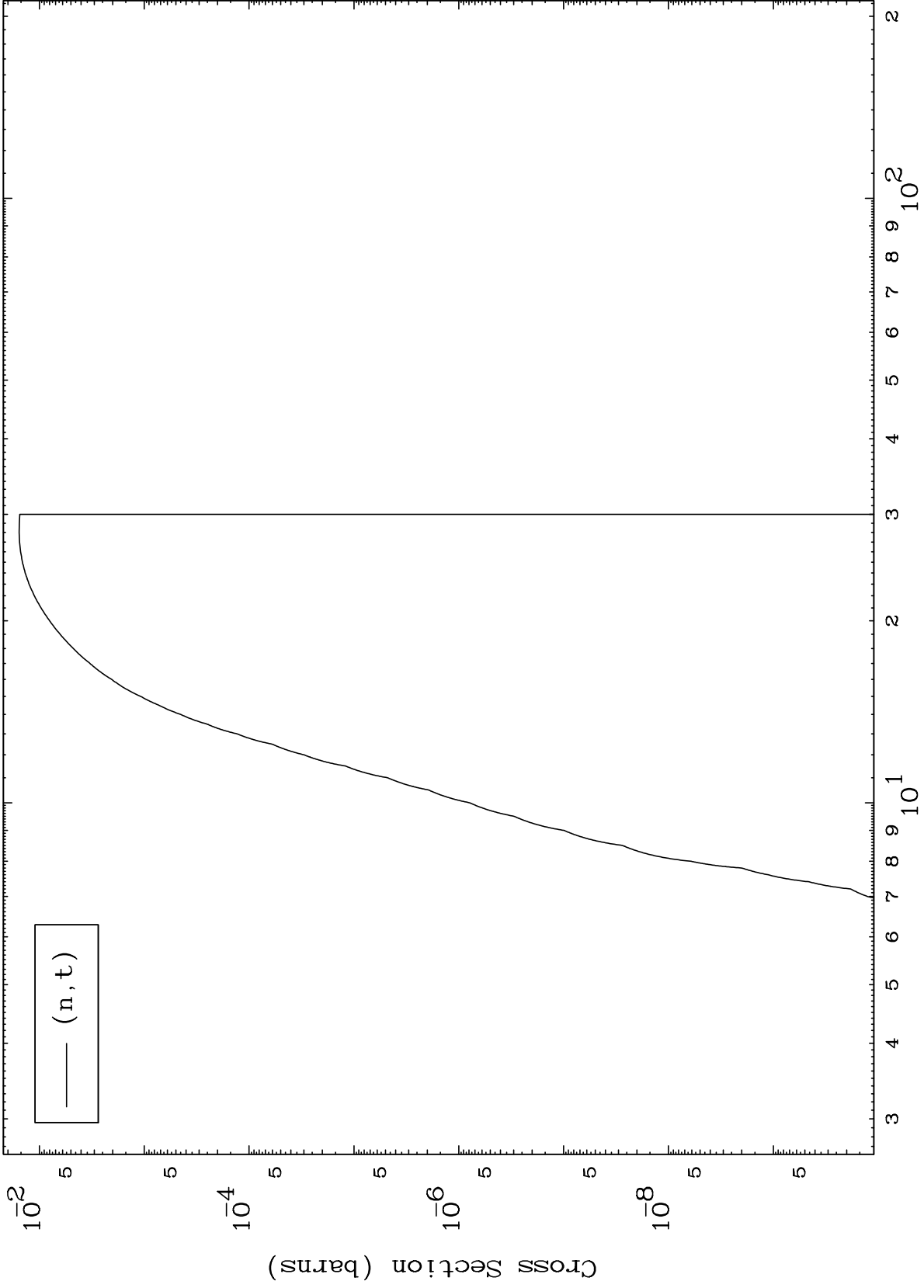
57-La-126



MAT 5689

(n,t) Levels  
293 Kelvin Cross Sections

57-La-126



(n,t)

12

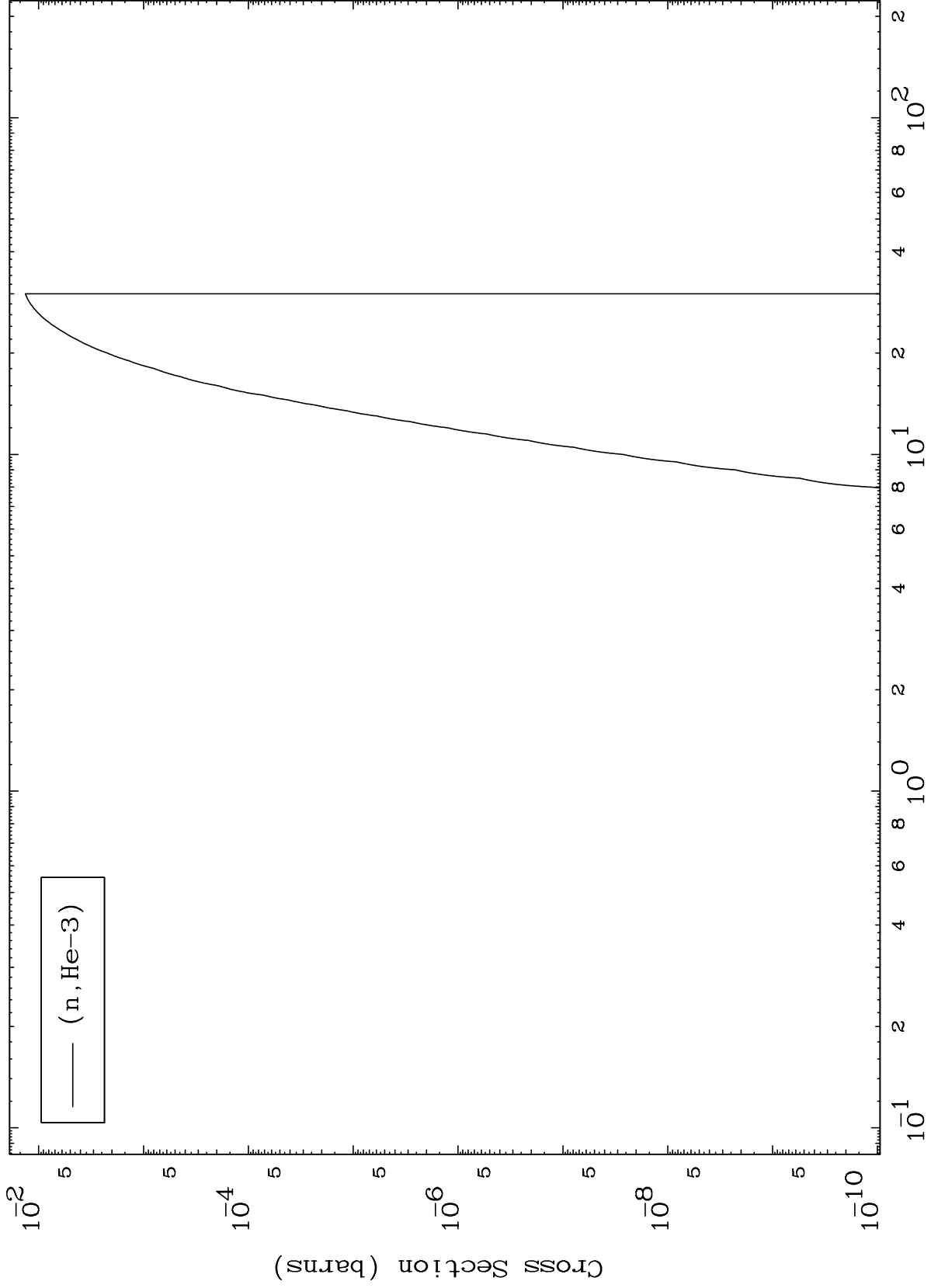
Incident Energy (MeV)

57-La-126

MAT 5689

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-126



13

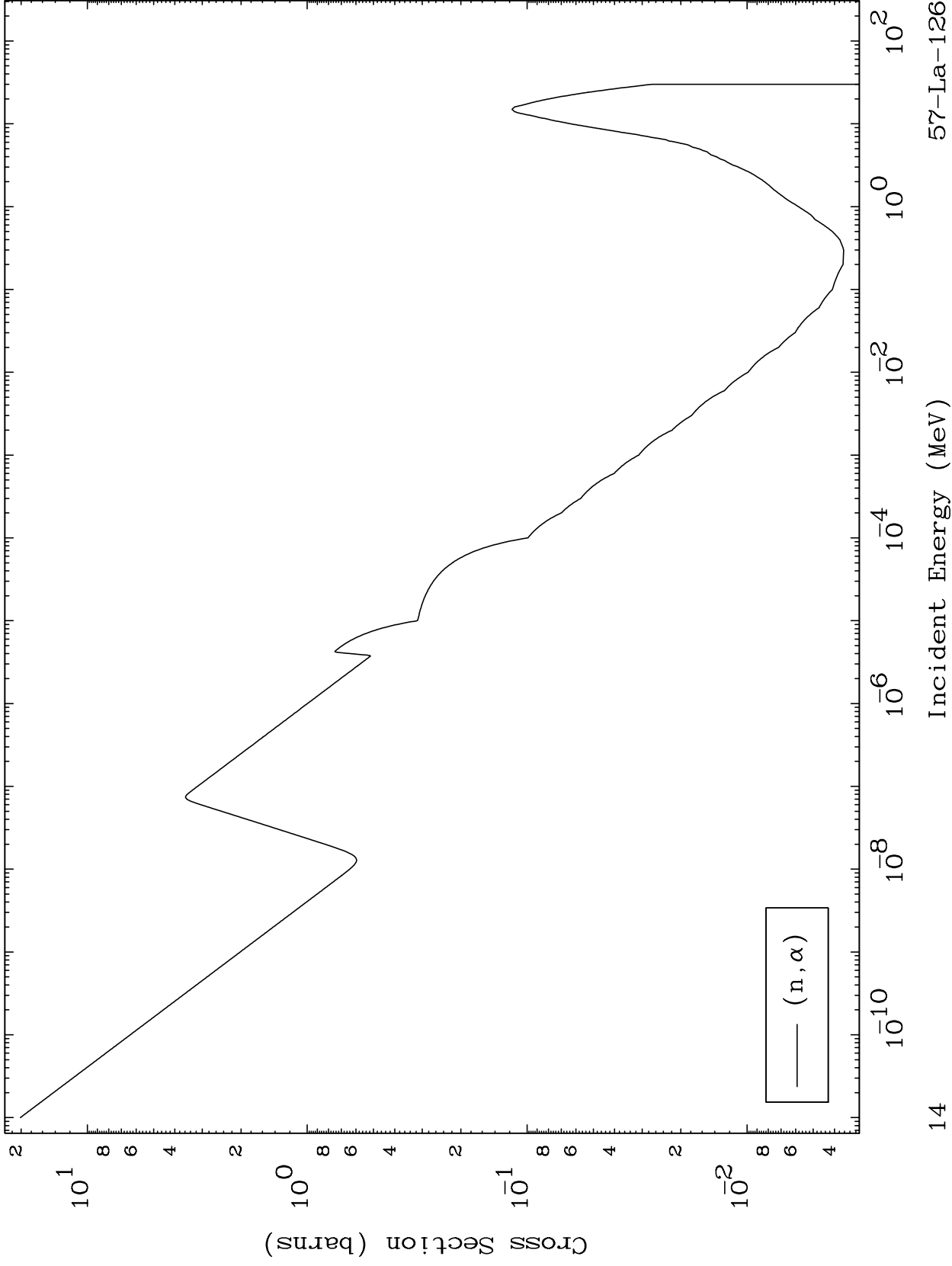
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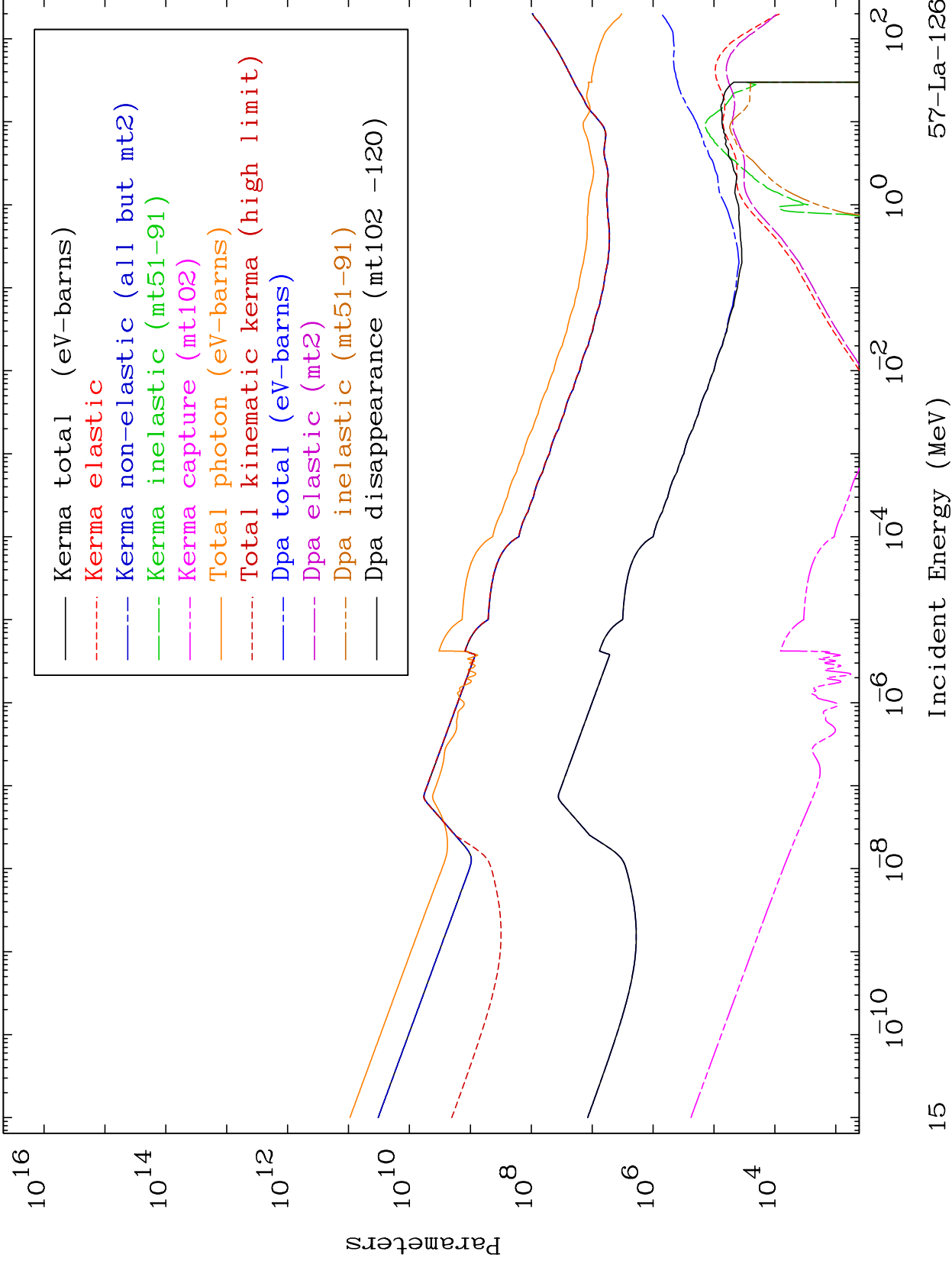
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MAT 5689

(n,α) Levels  
293 Kelvin Cross Sections

57-La-126



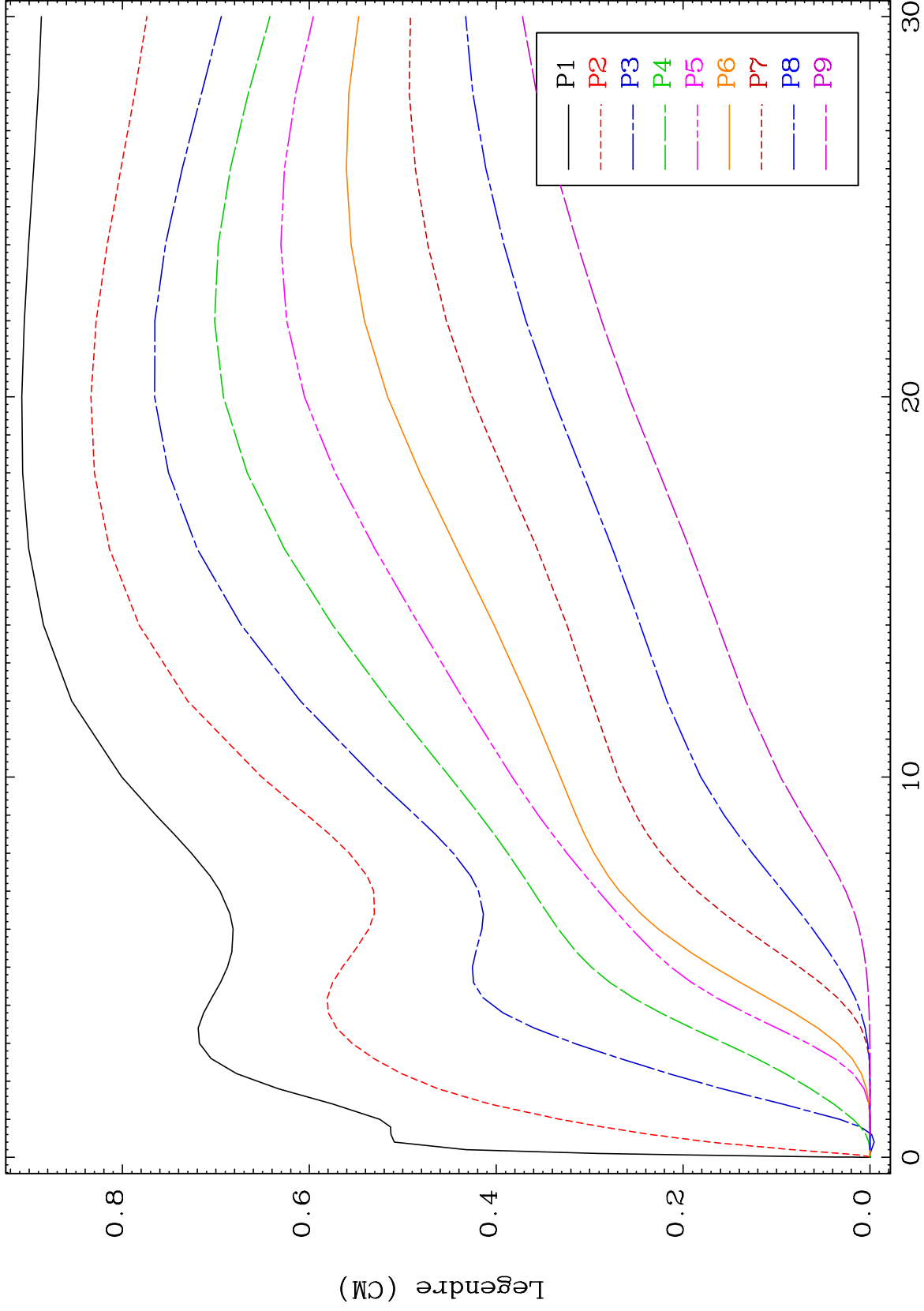




MAT 5689

Elastic Legendre Coefficients

57-La-126



16

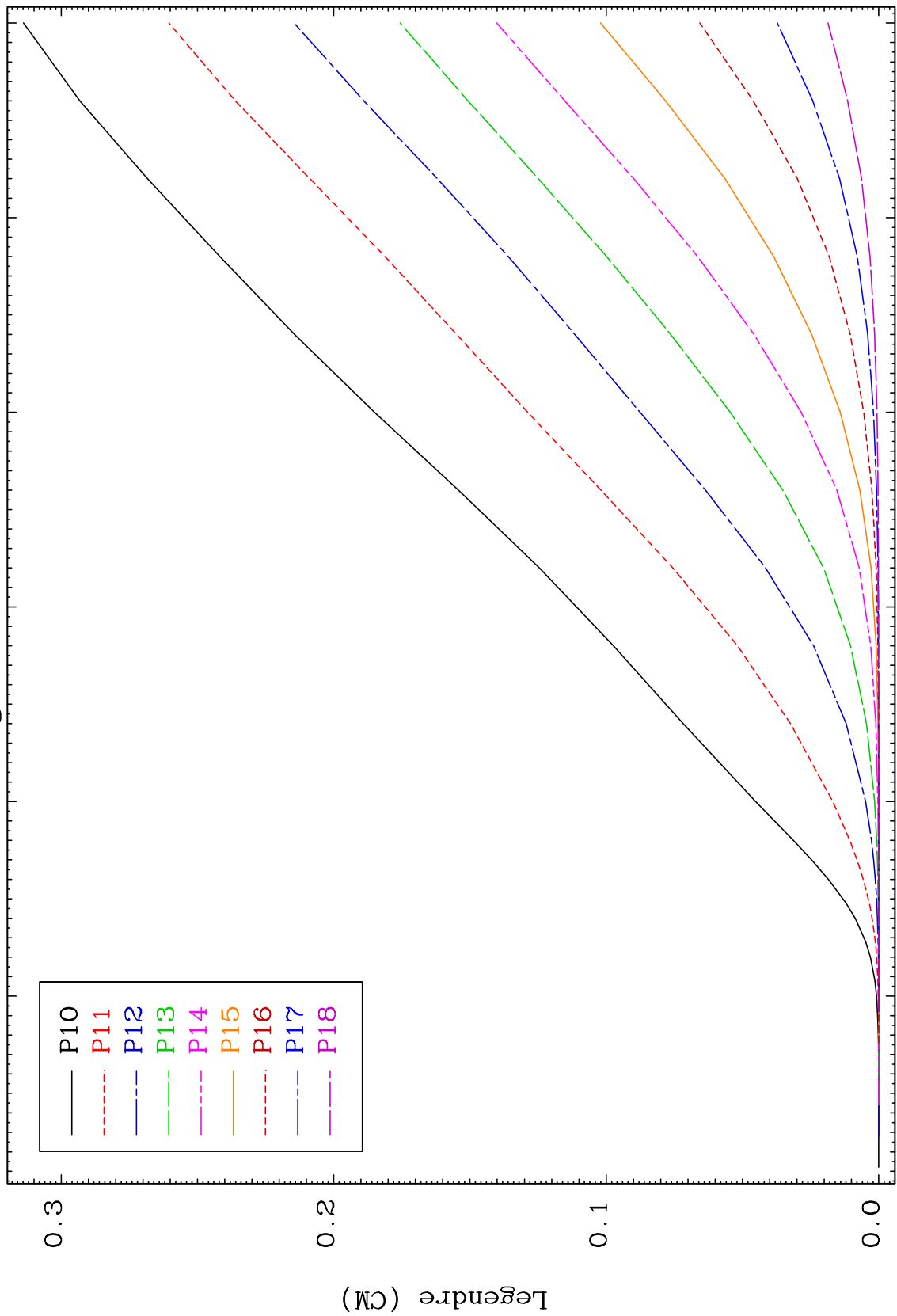
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



17

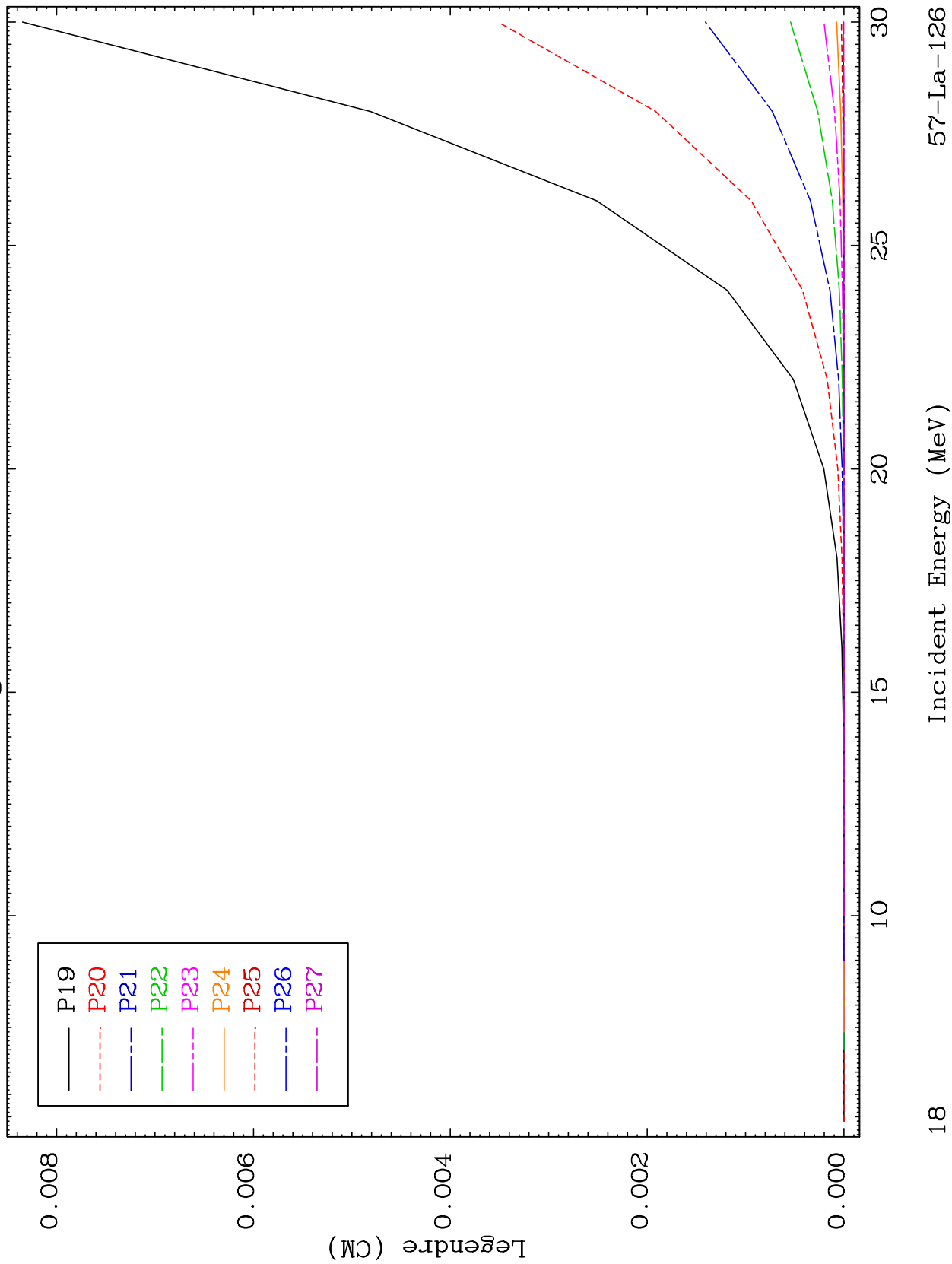
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



18

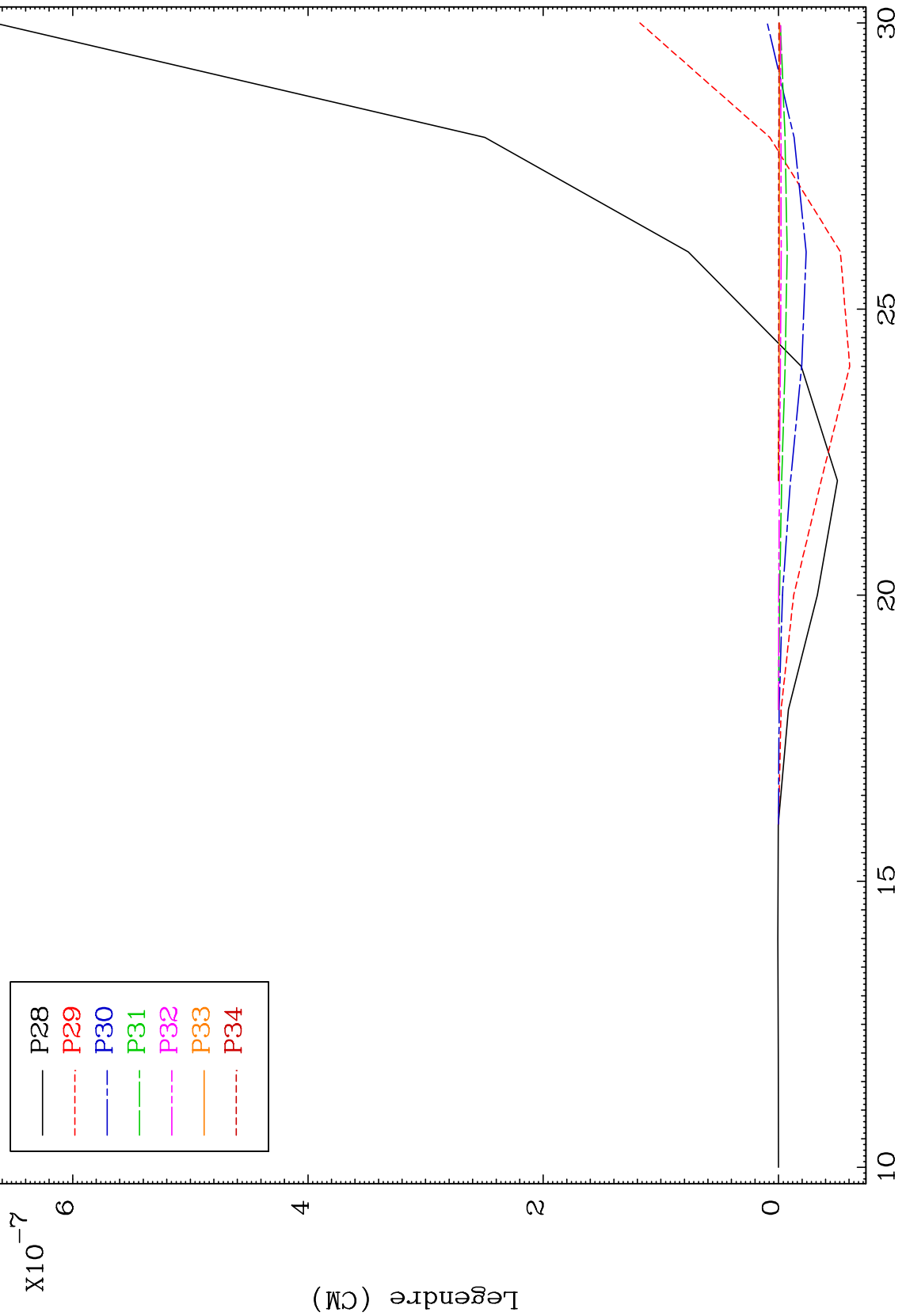
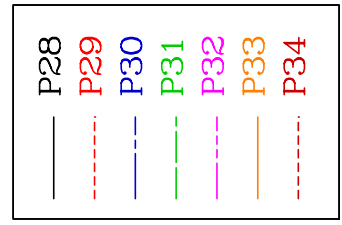
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic  
Legendre Coefficients

57-La-126

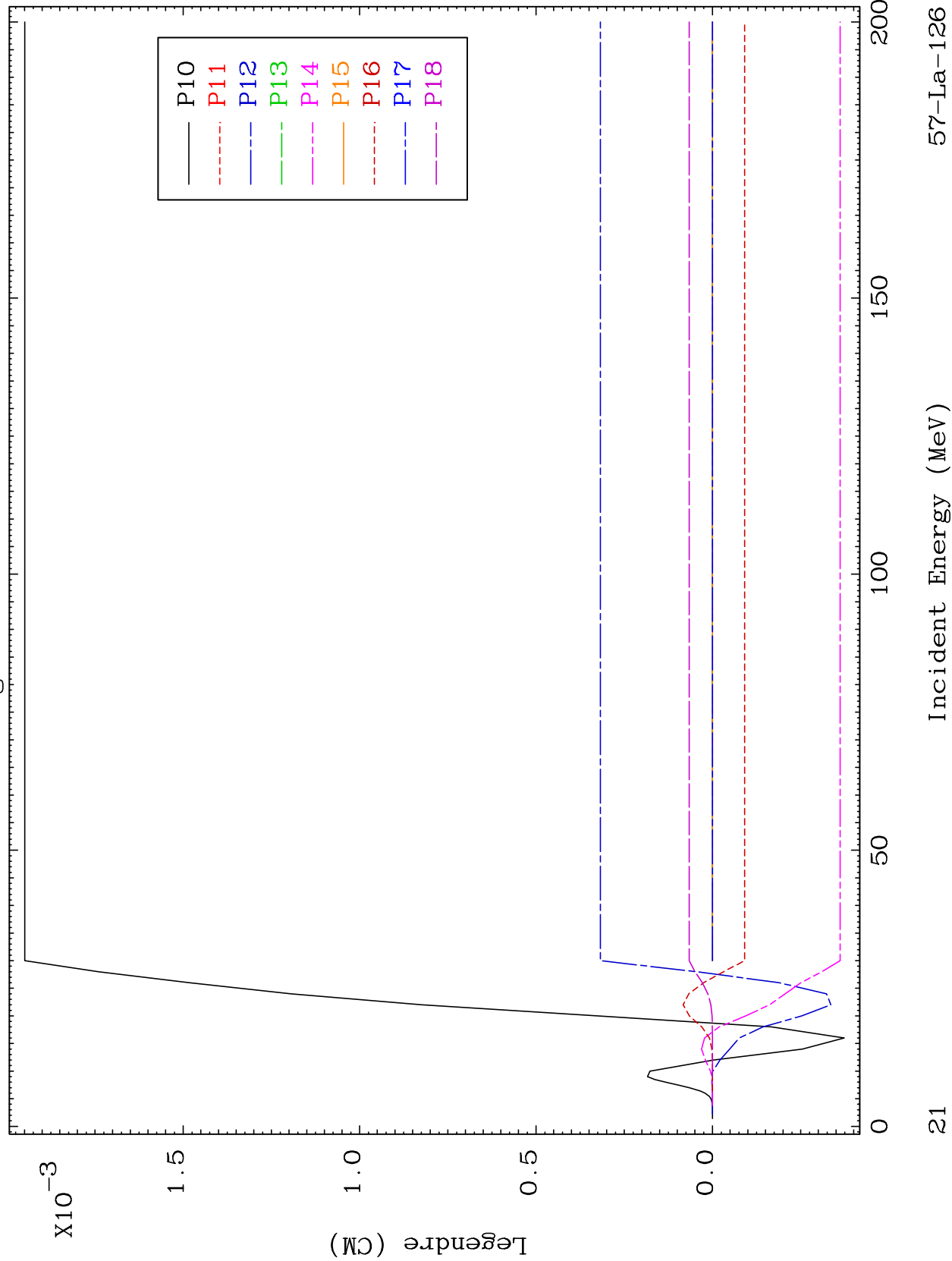


19

Incident Energy (MeV)

57-La-126

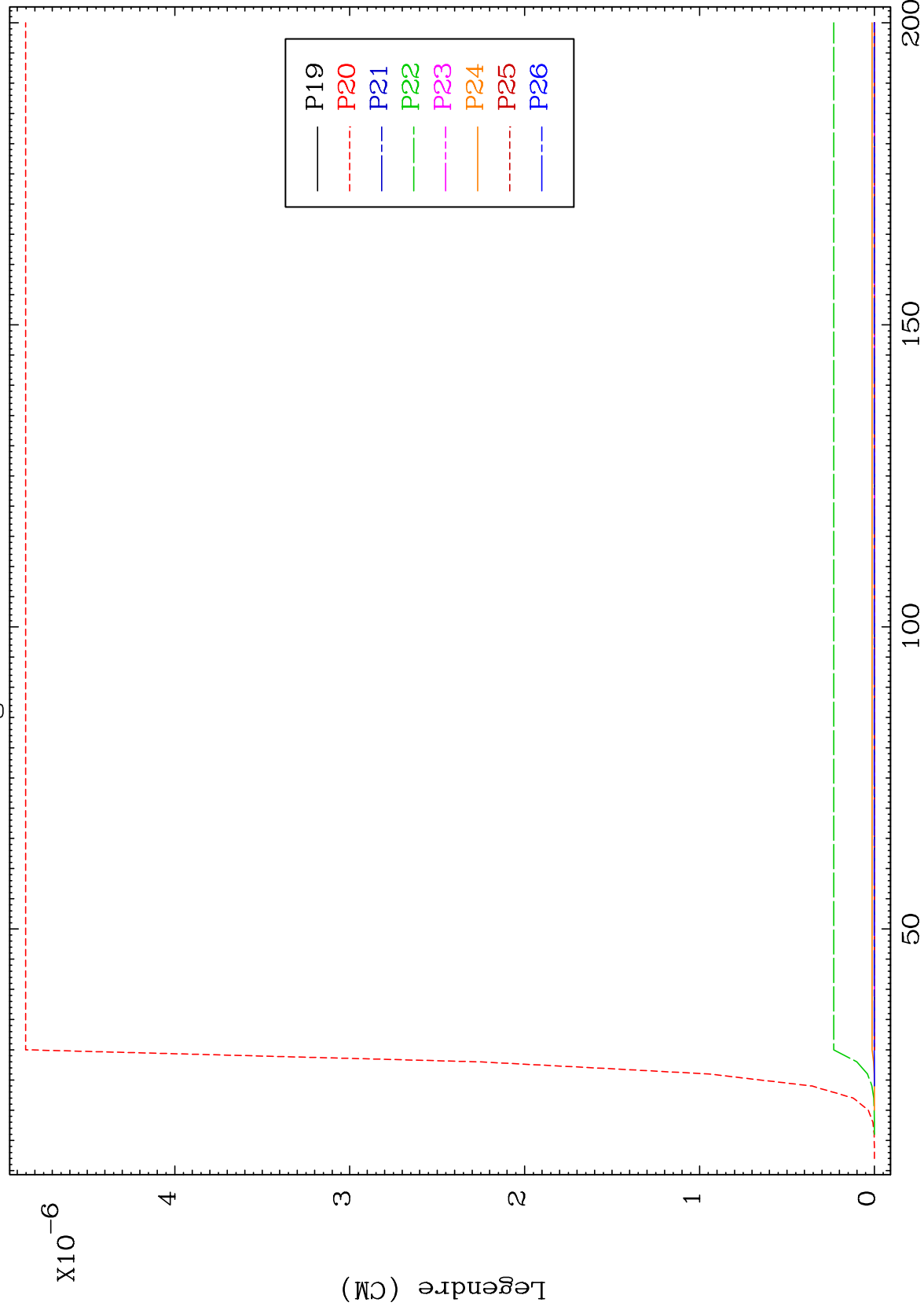




MAT 5689

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

57-La-126



22

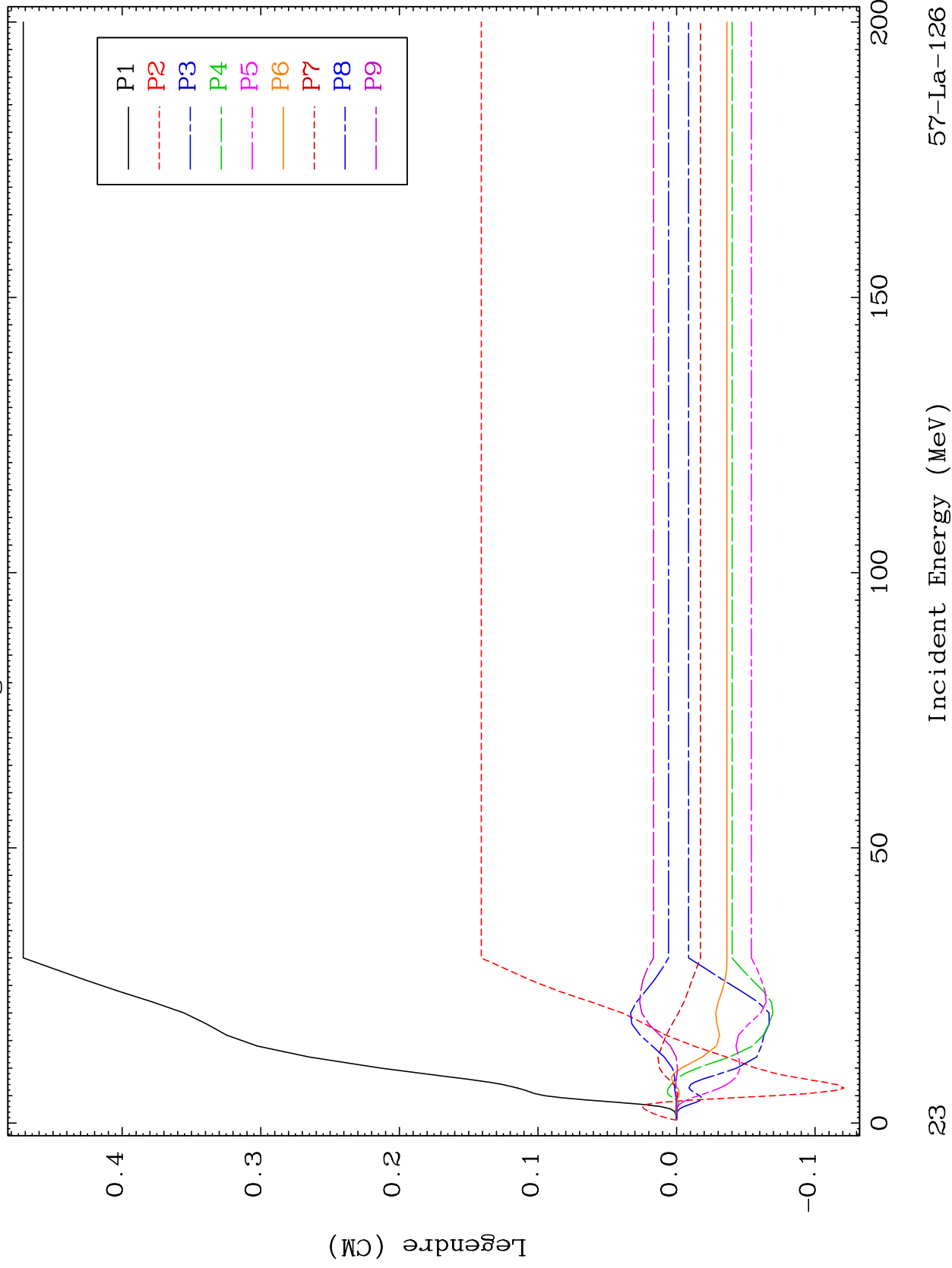
Incident Energy (MeV)

57-La-126

MAT 5689

MT= 52 (n,n') Level  
Legendre Coefficients

57-La-126



57-La-126

Incident Energy (MeV)

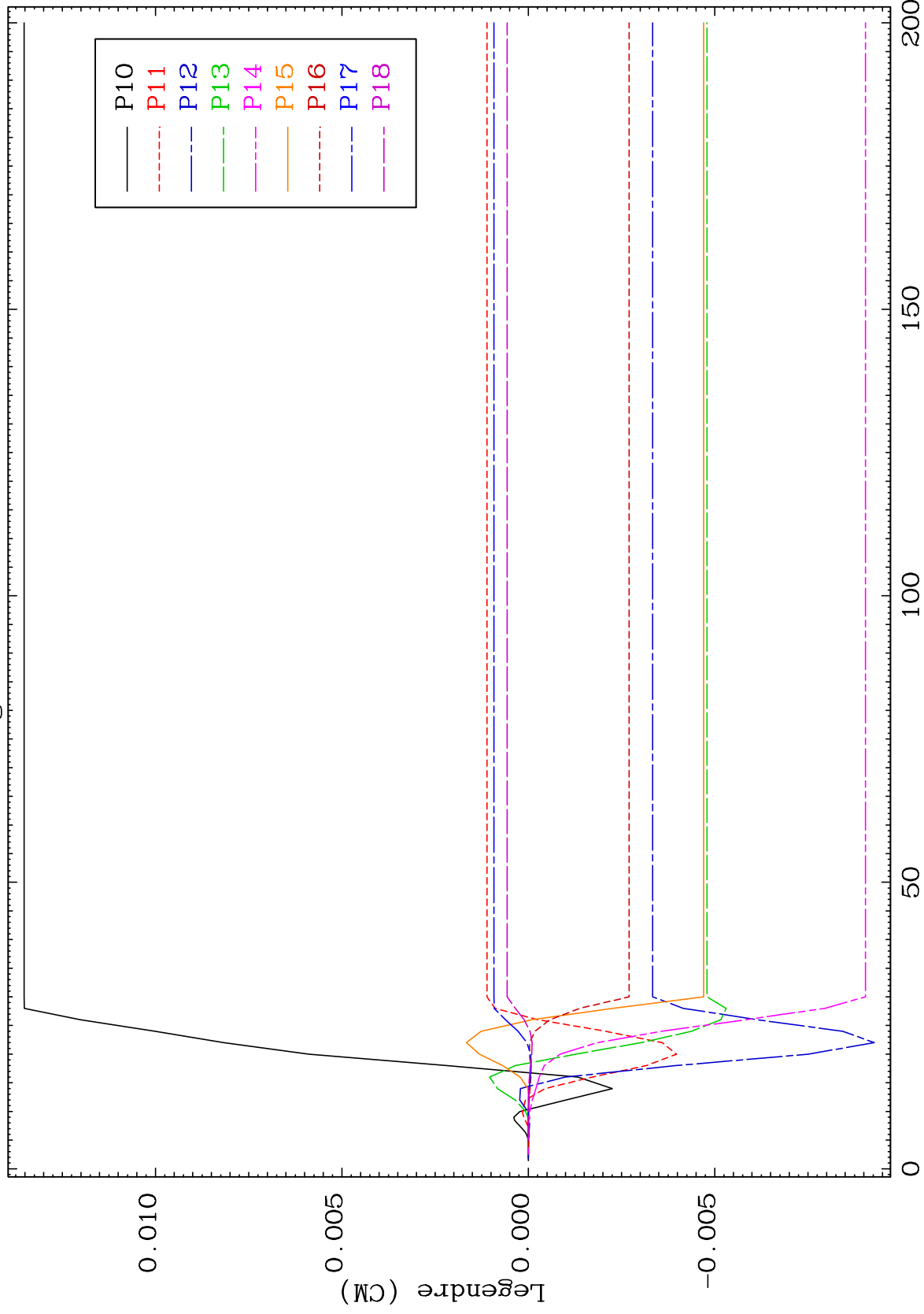
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MAT 5689

MT= 52 (n,n') Level  
Legendre Coefficients

57-La-126



24

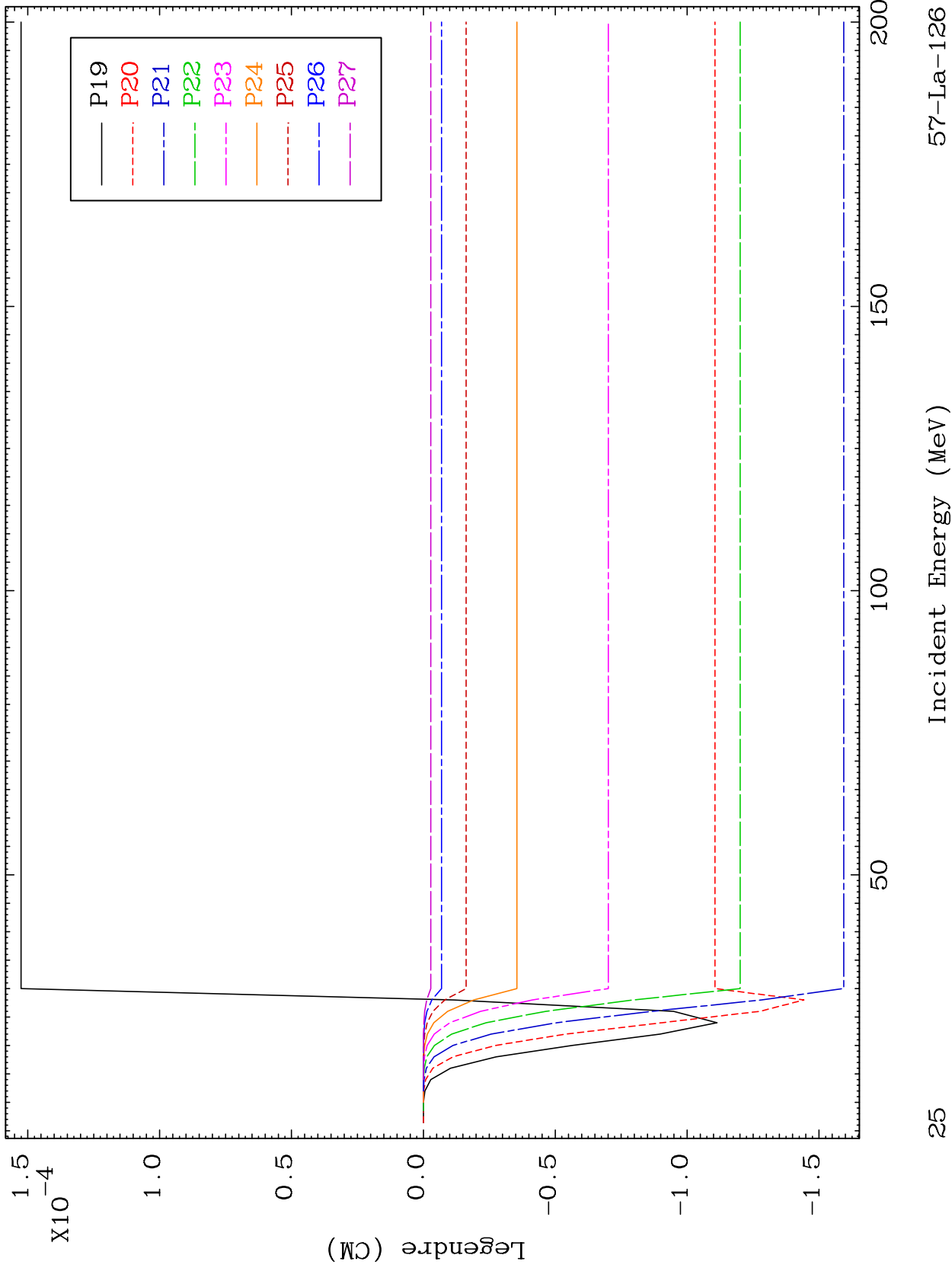
Incident Energy (MeV)

57-La-126

MAT 5689

MT= 52 (n,n') Level  
Legendre Coefficients

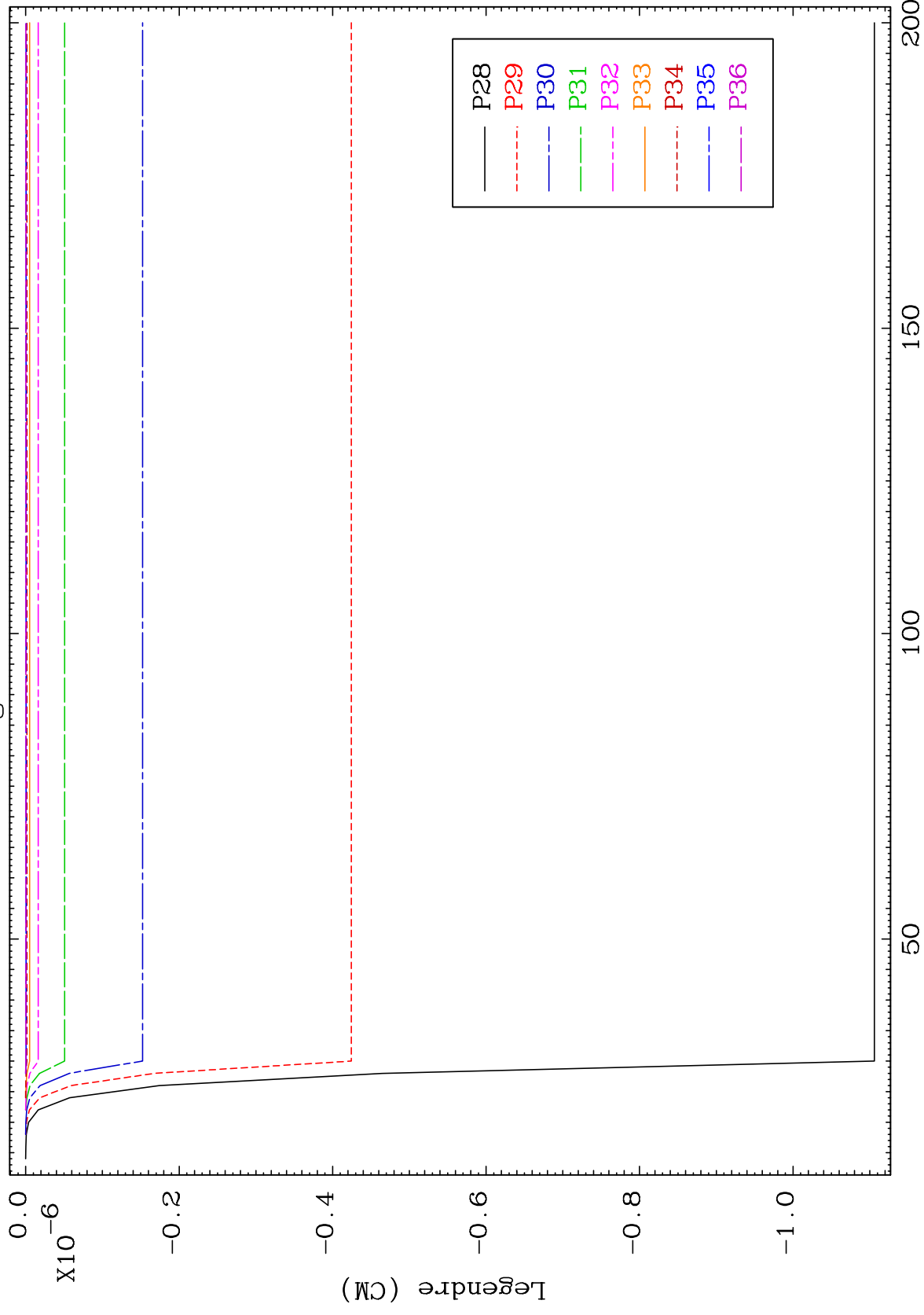
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MAT 5689

MT= 52 (n,n') Level  
Legendre Coefficients

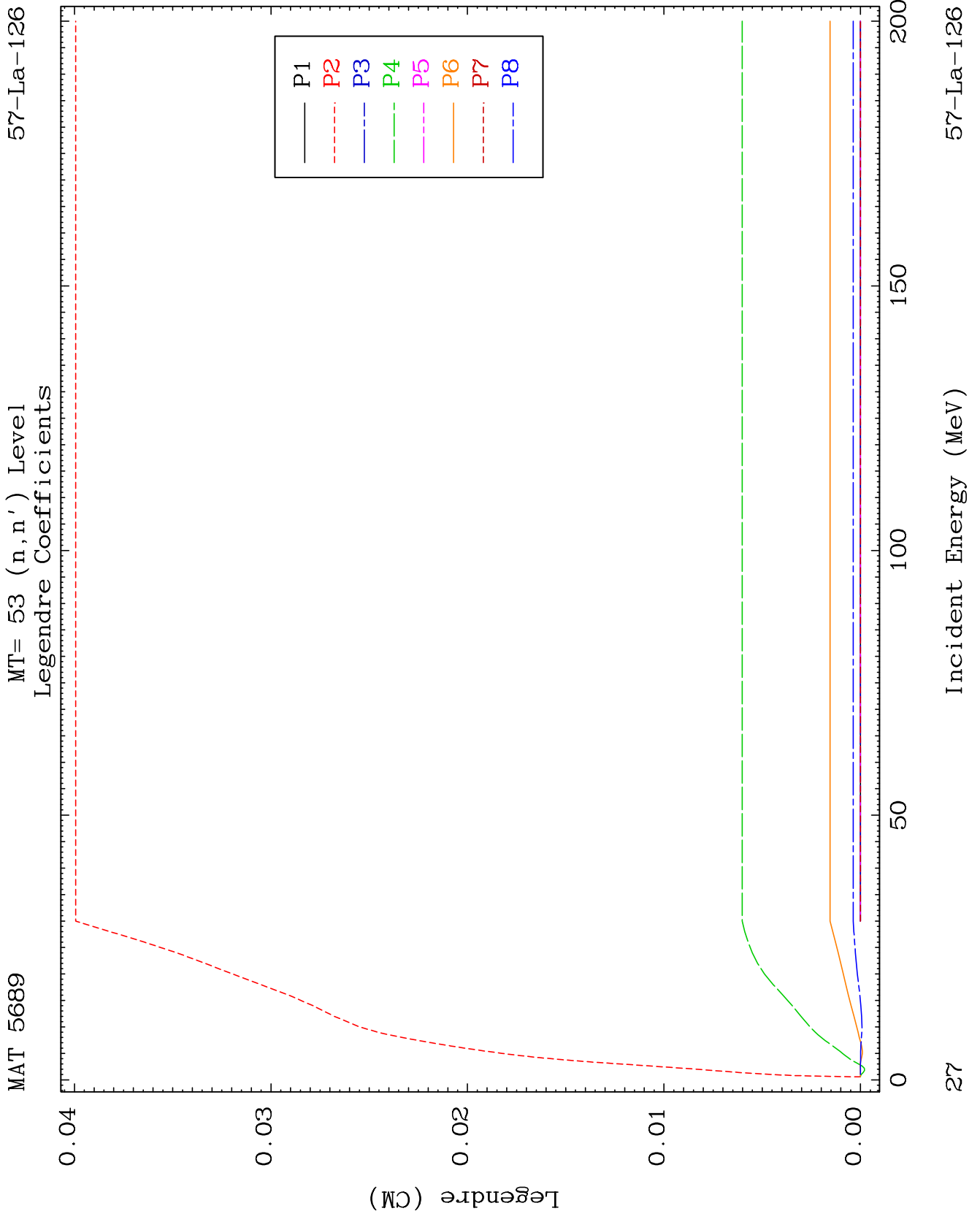
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26

Incident Energy (MeV)

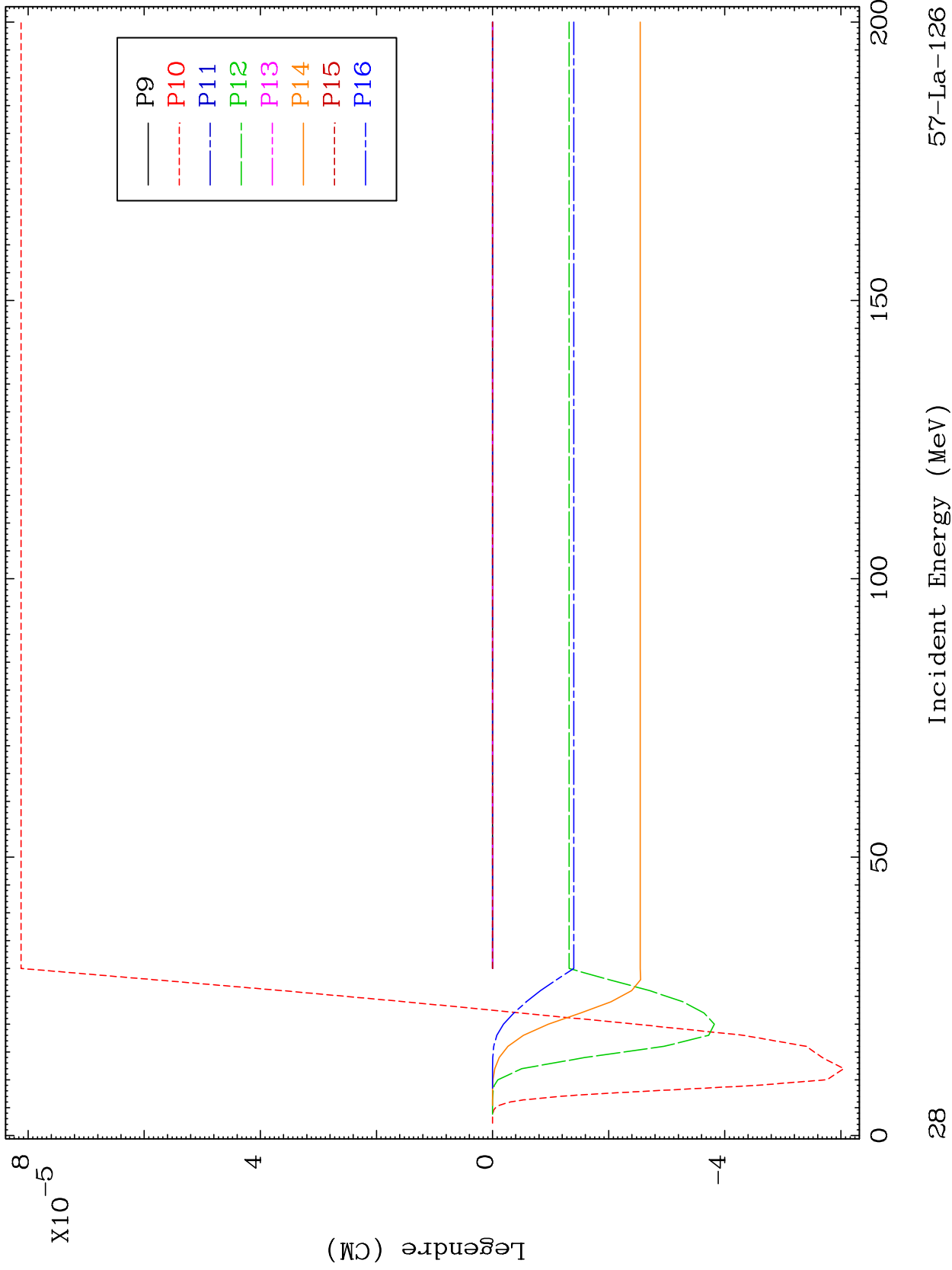
57-La-126



MAT 5689

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

57-La-126



57-La-126

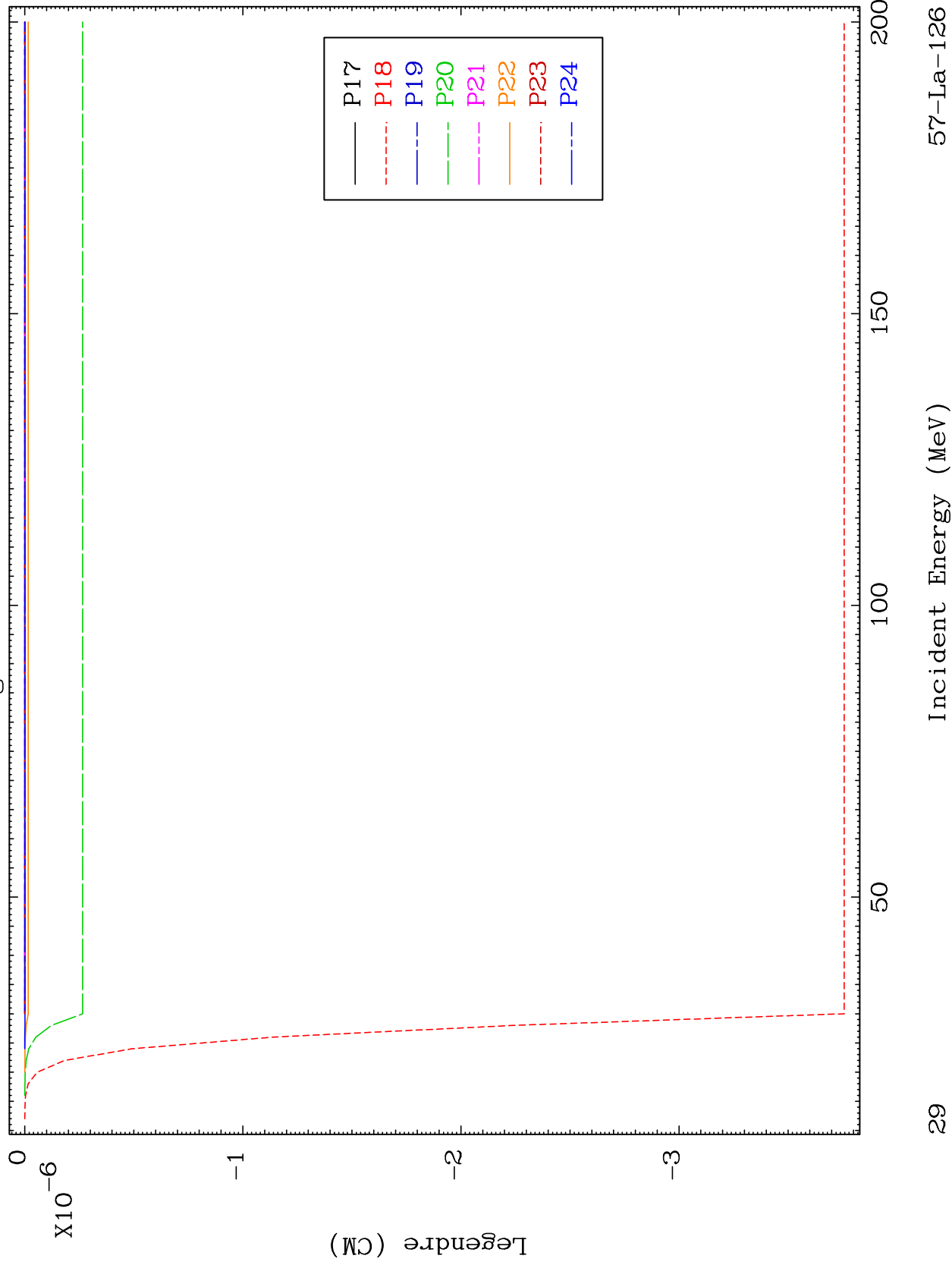
Incident Energy (MeV)

28

MAT 5689

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

57-La-126



29

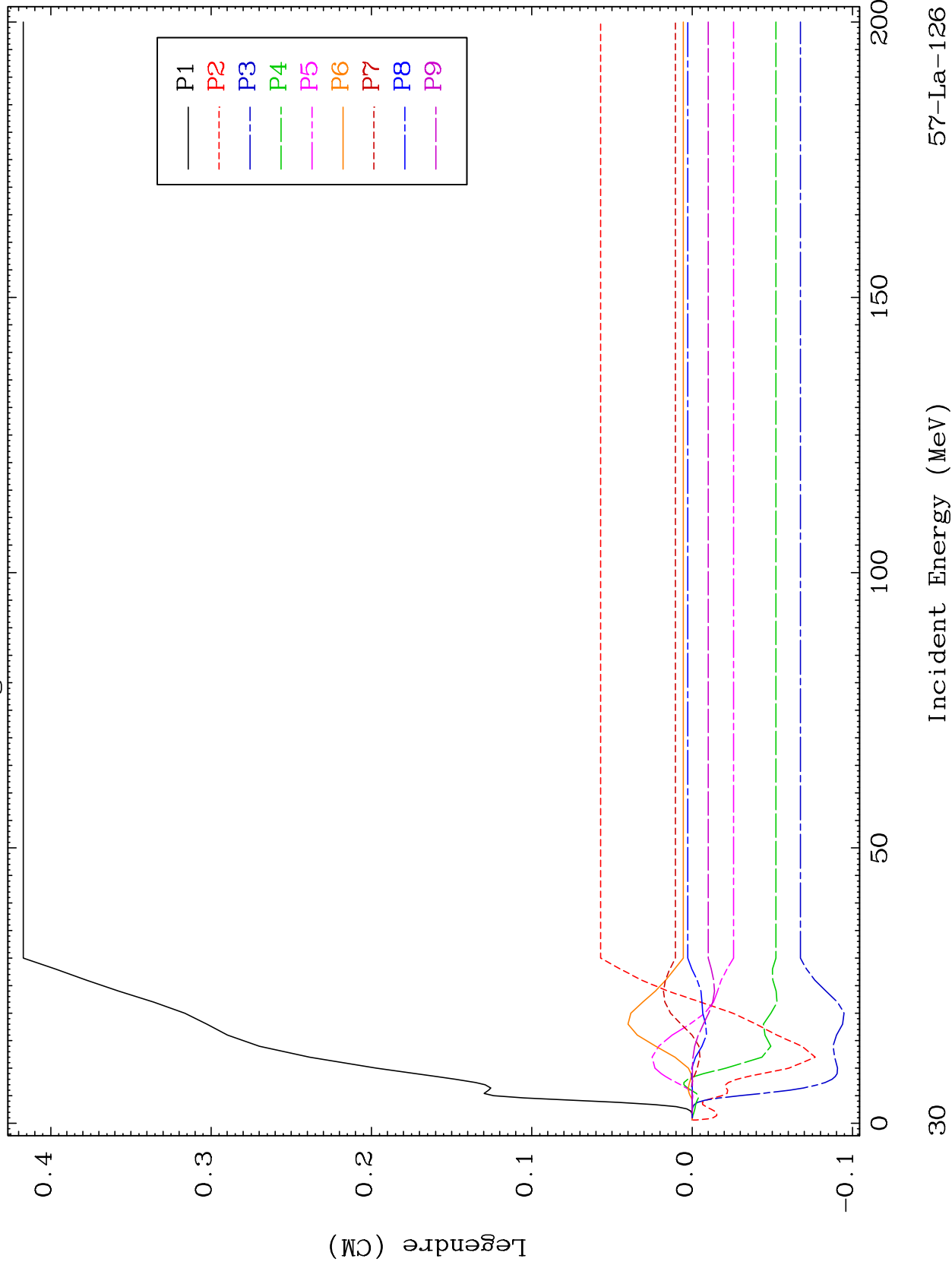
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



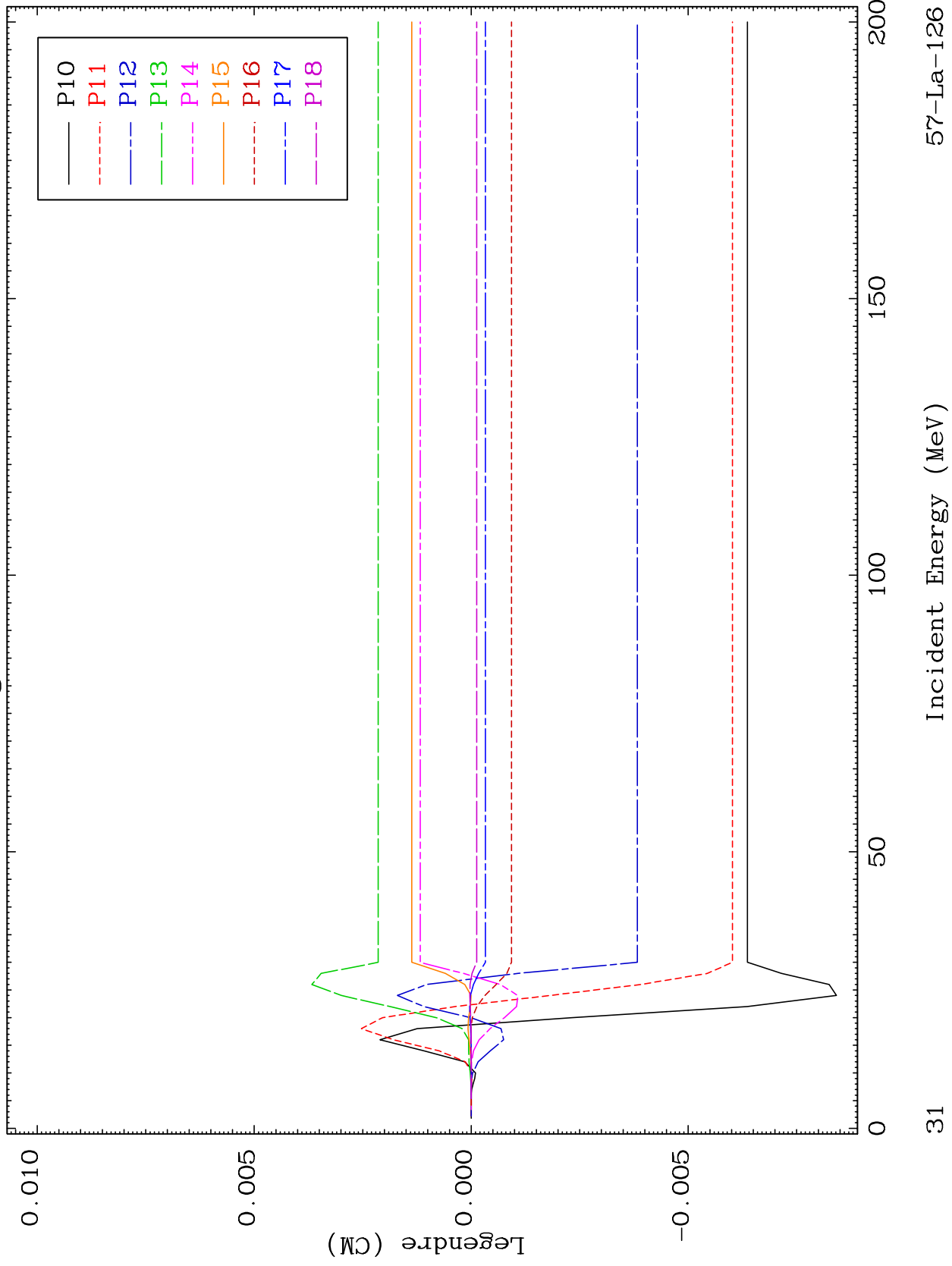
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Incident Energy (MeV)

MAT 5689

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

57-La-126



57-La-126

Incident Energy (MeV)

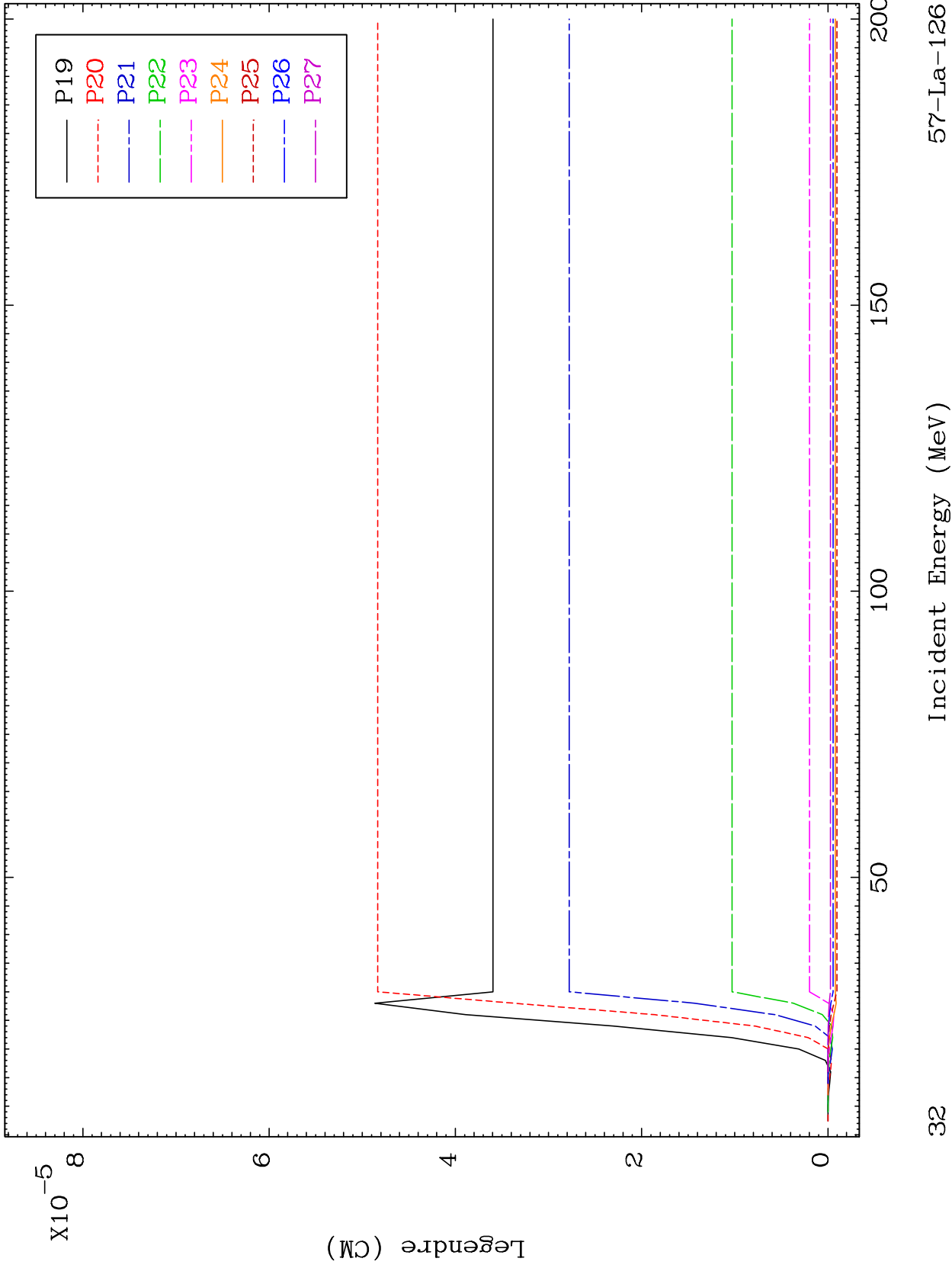
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MAT 5689

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

57-La-126



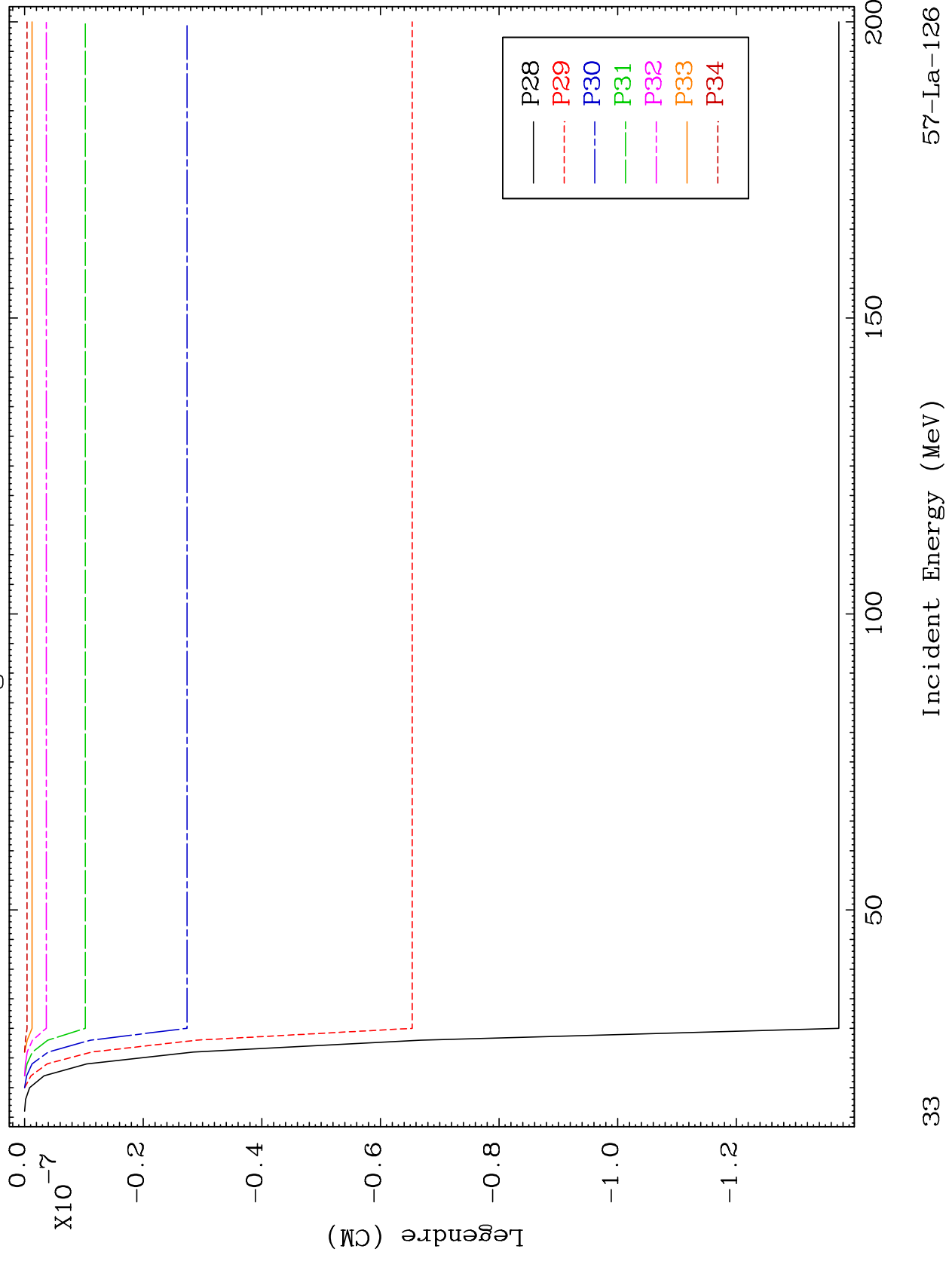
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57-La-126

MAT 5689

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

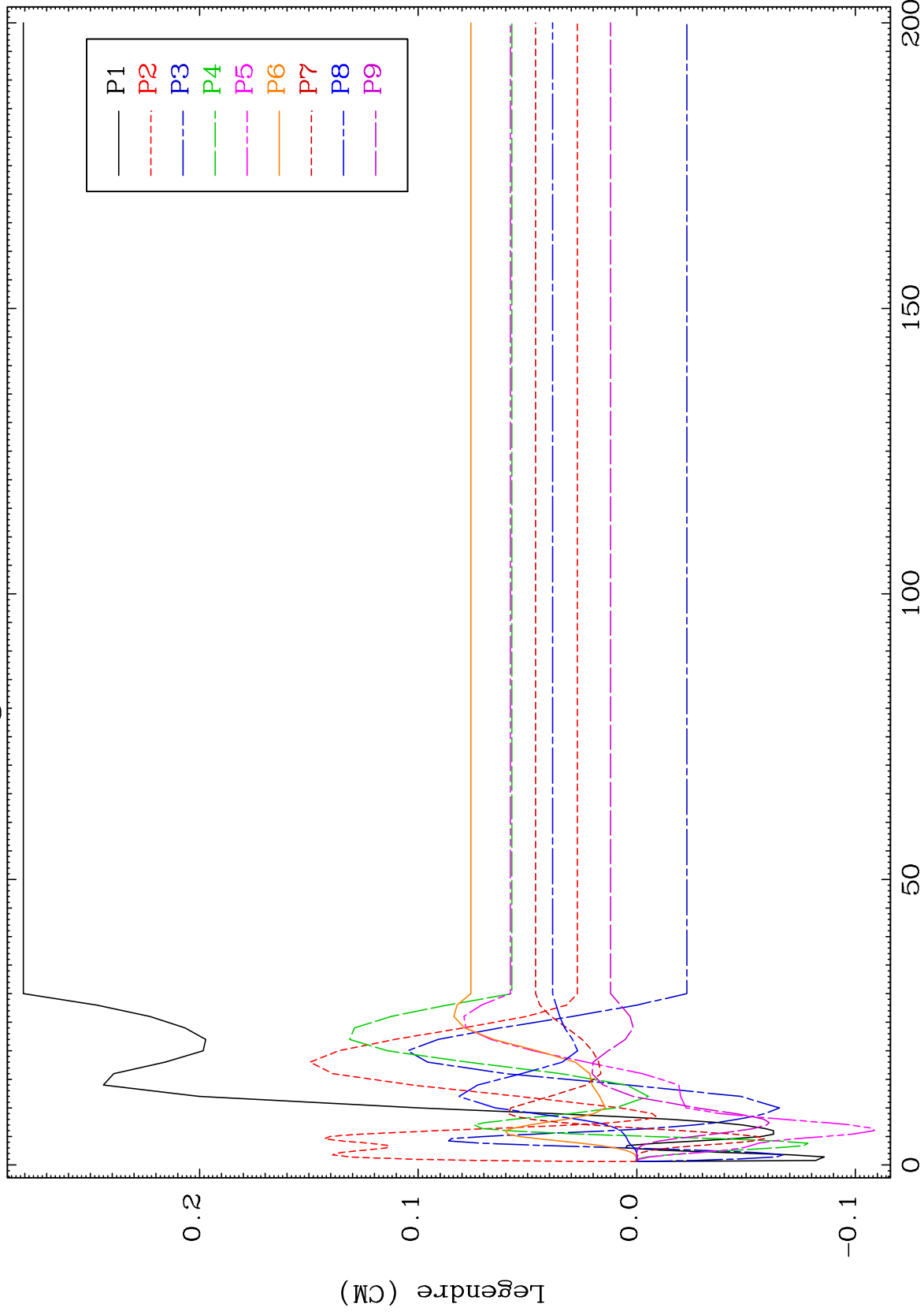
57-La-126



MAT 5689

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

57-La-126



34

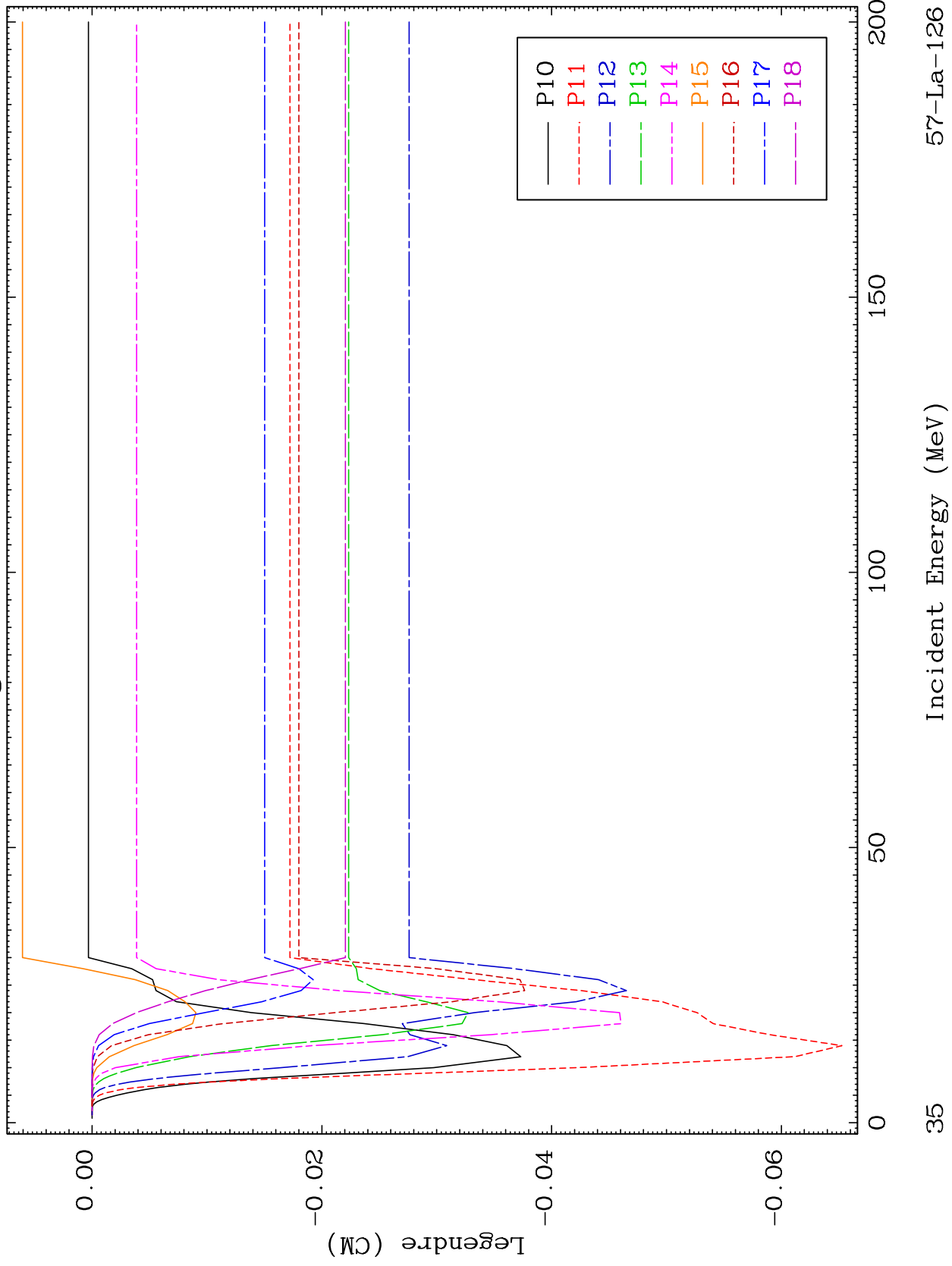
Incident Energy (MeV)

57-La-126

MAT 5689

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

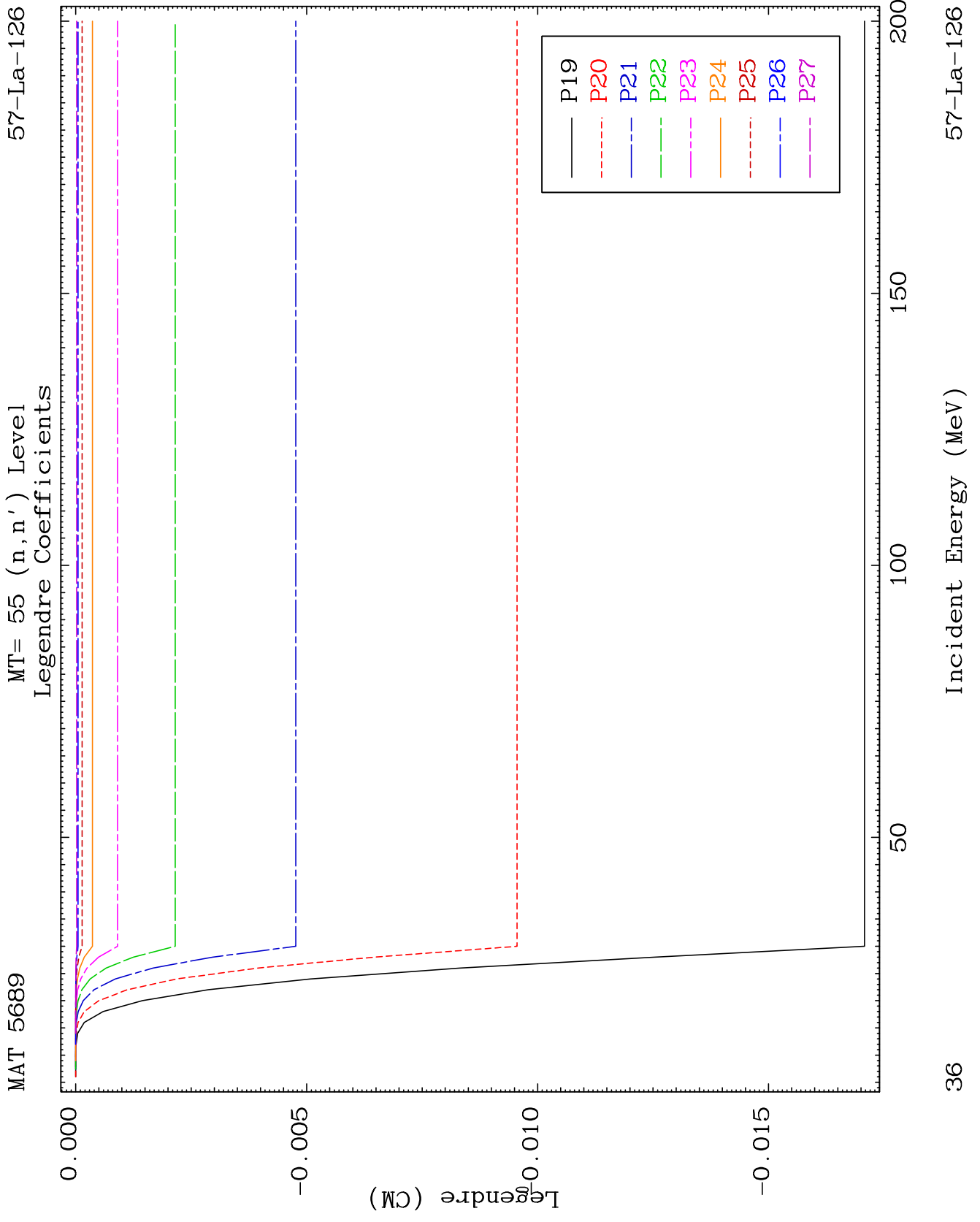
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57-La-126

Incident Energy (MeV)

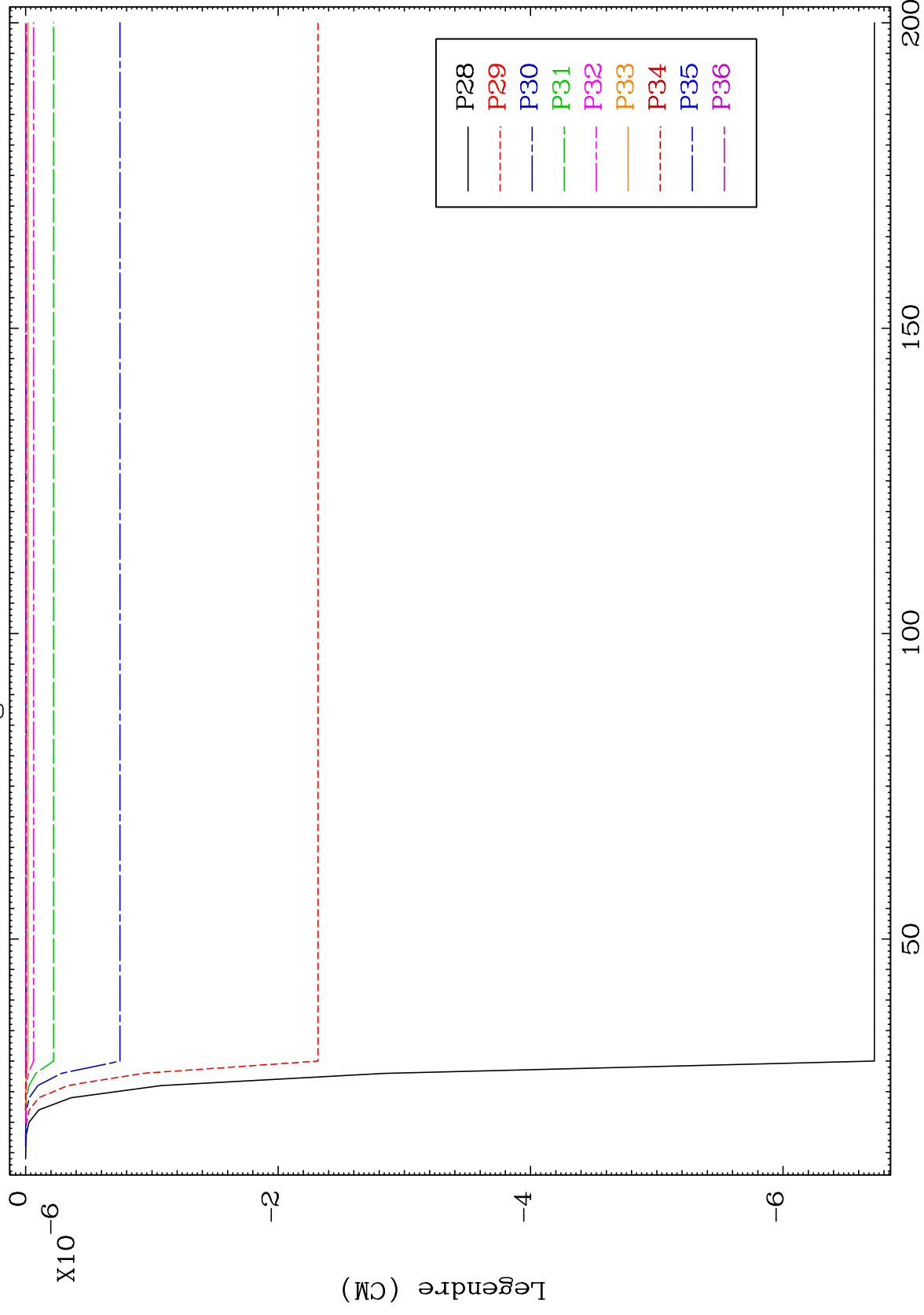
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MAT 5689

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

57-La-126



37

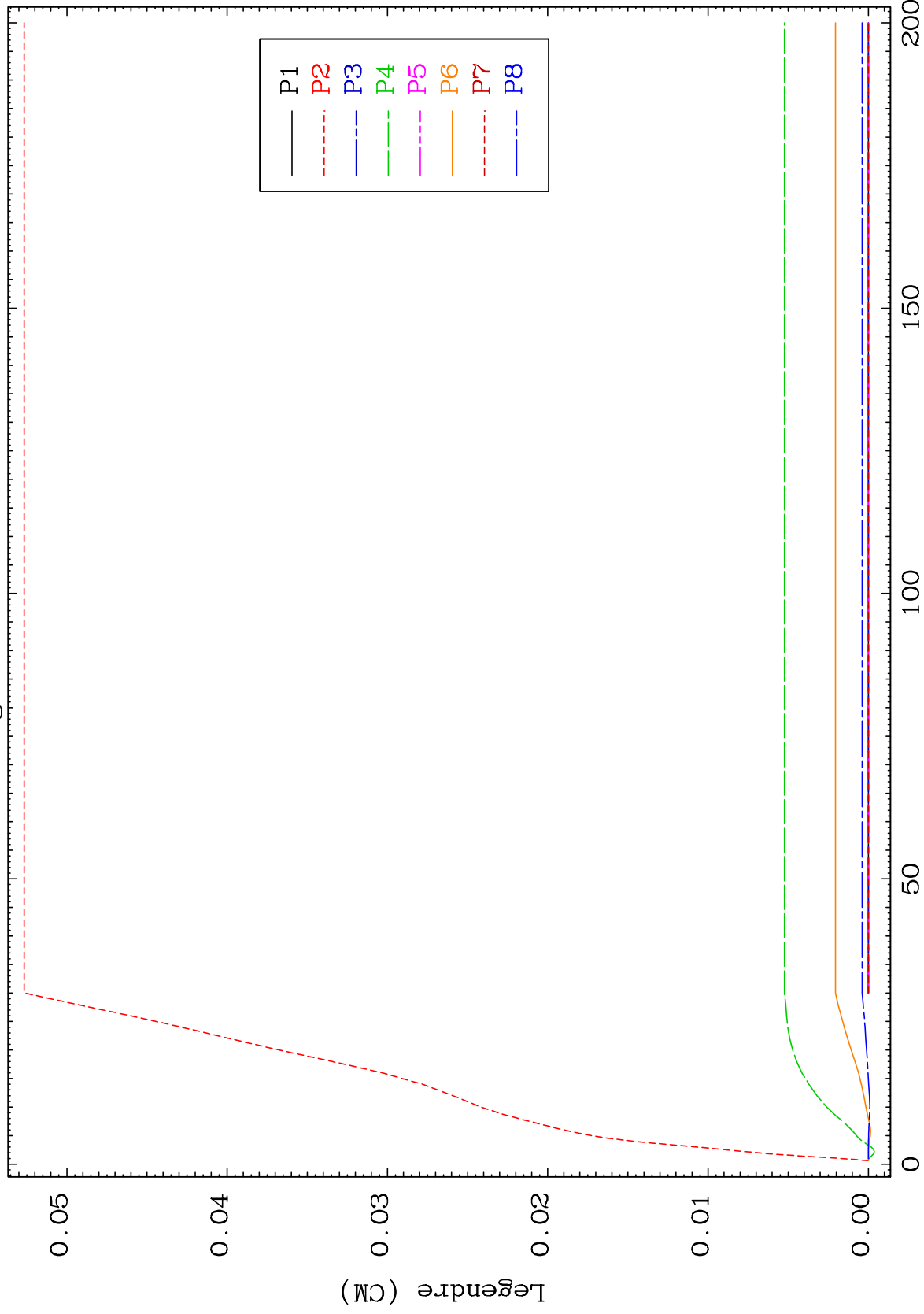
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

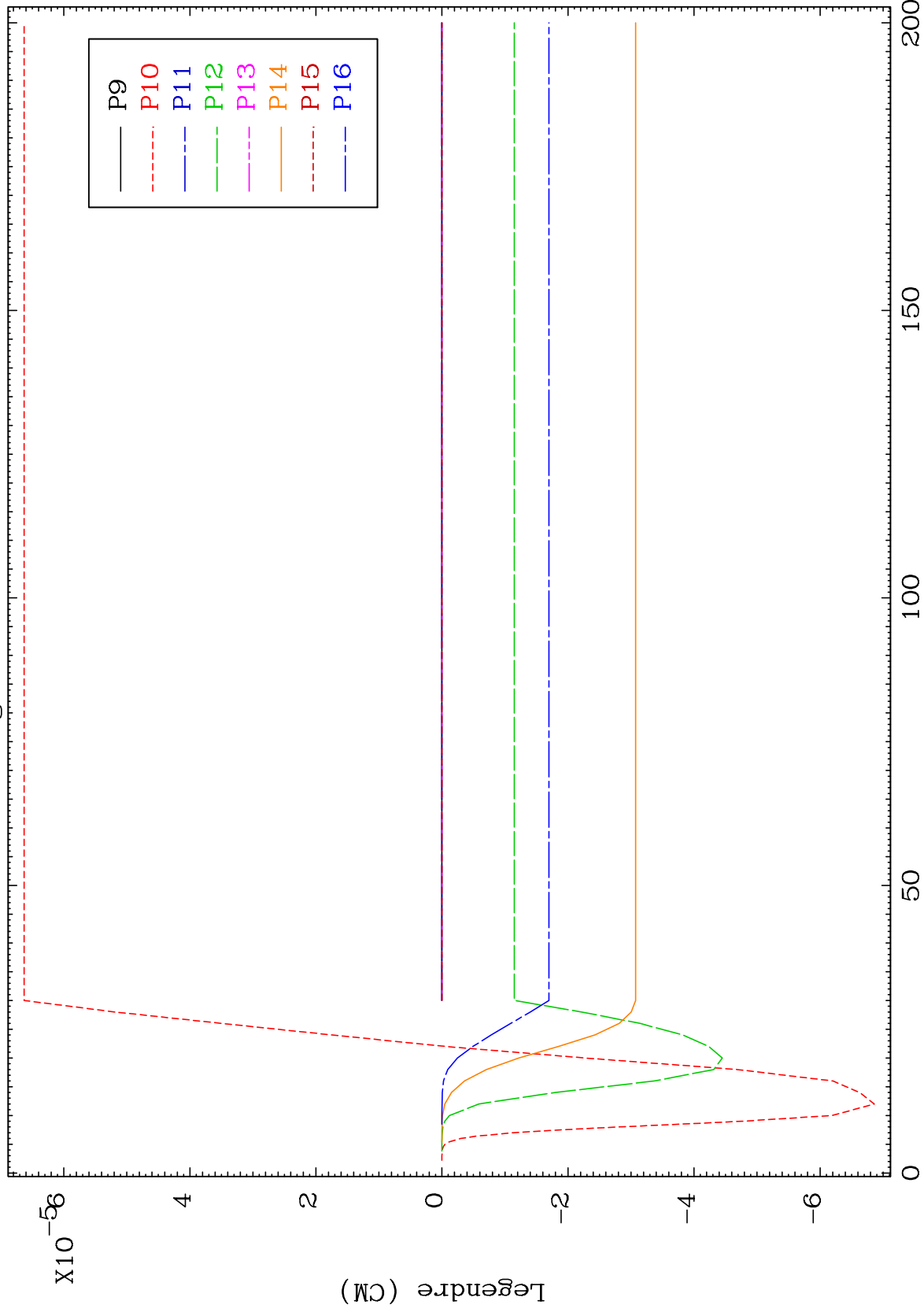
Incident Energy (MeV)

38

MAT 5689

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

57-La-126



39

Incident Energy (MeV)

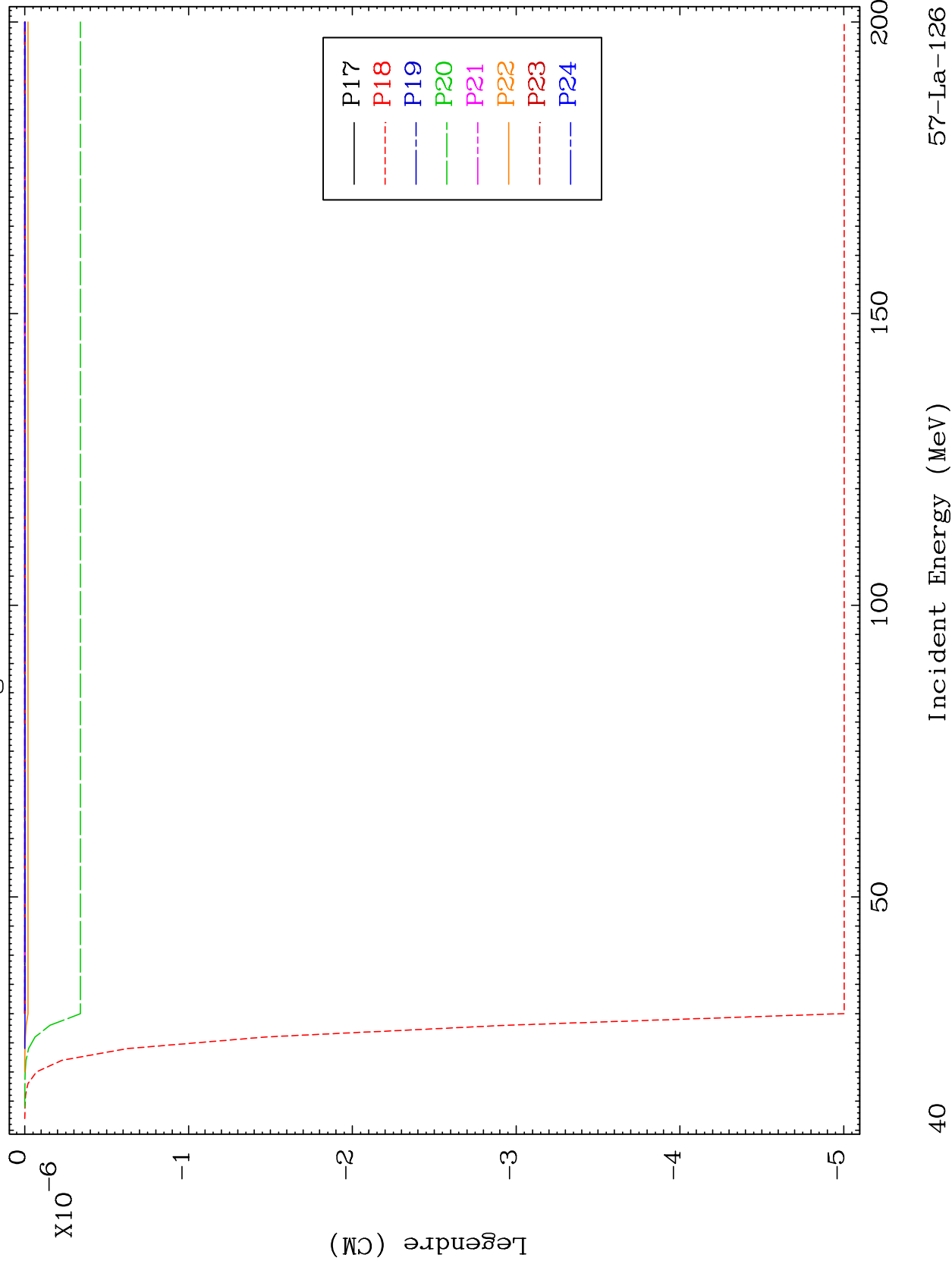
57-La-126



MAT 5689

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

57-La-126



40

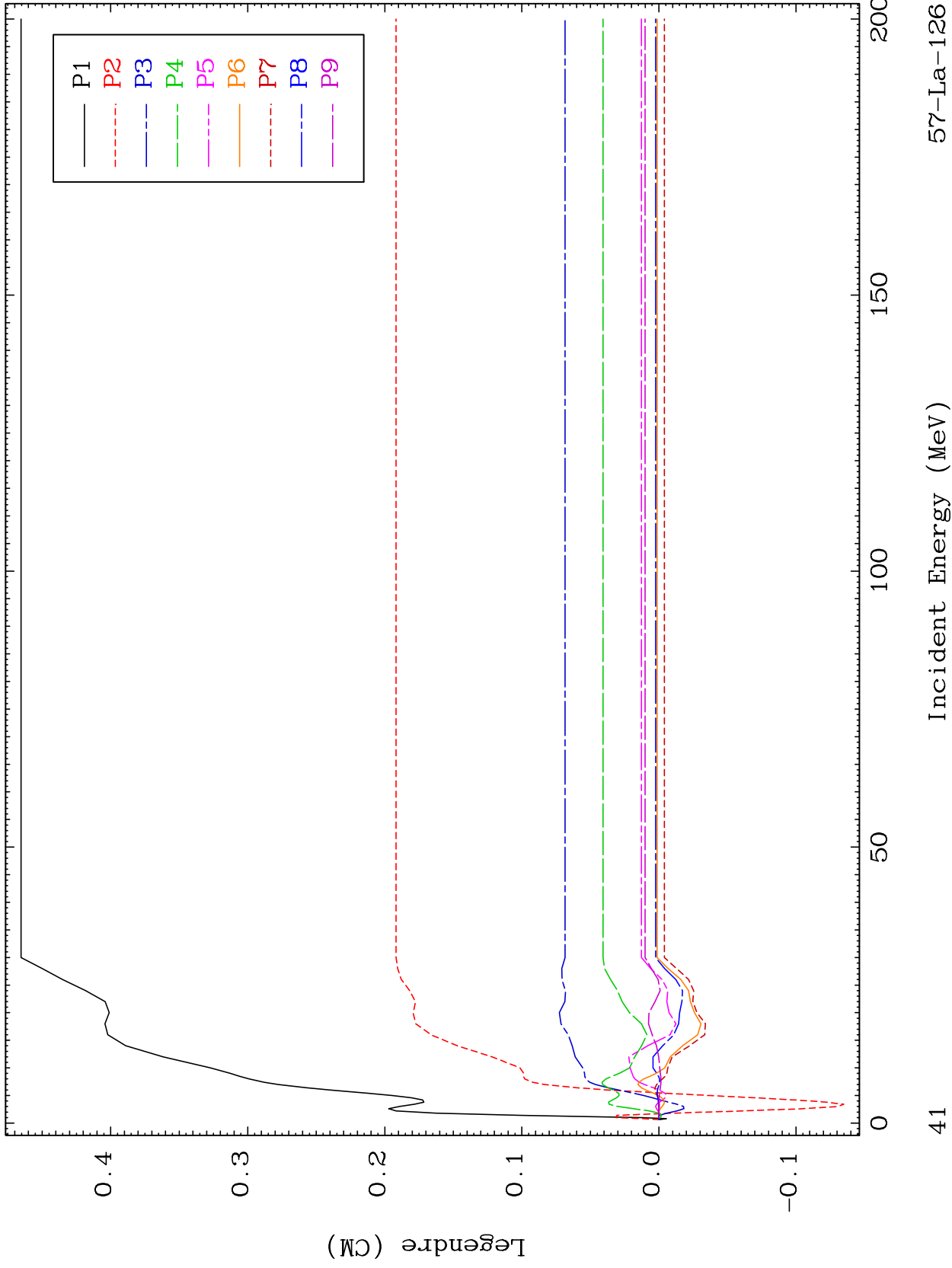
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

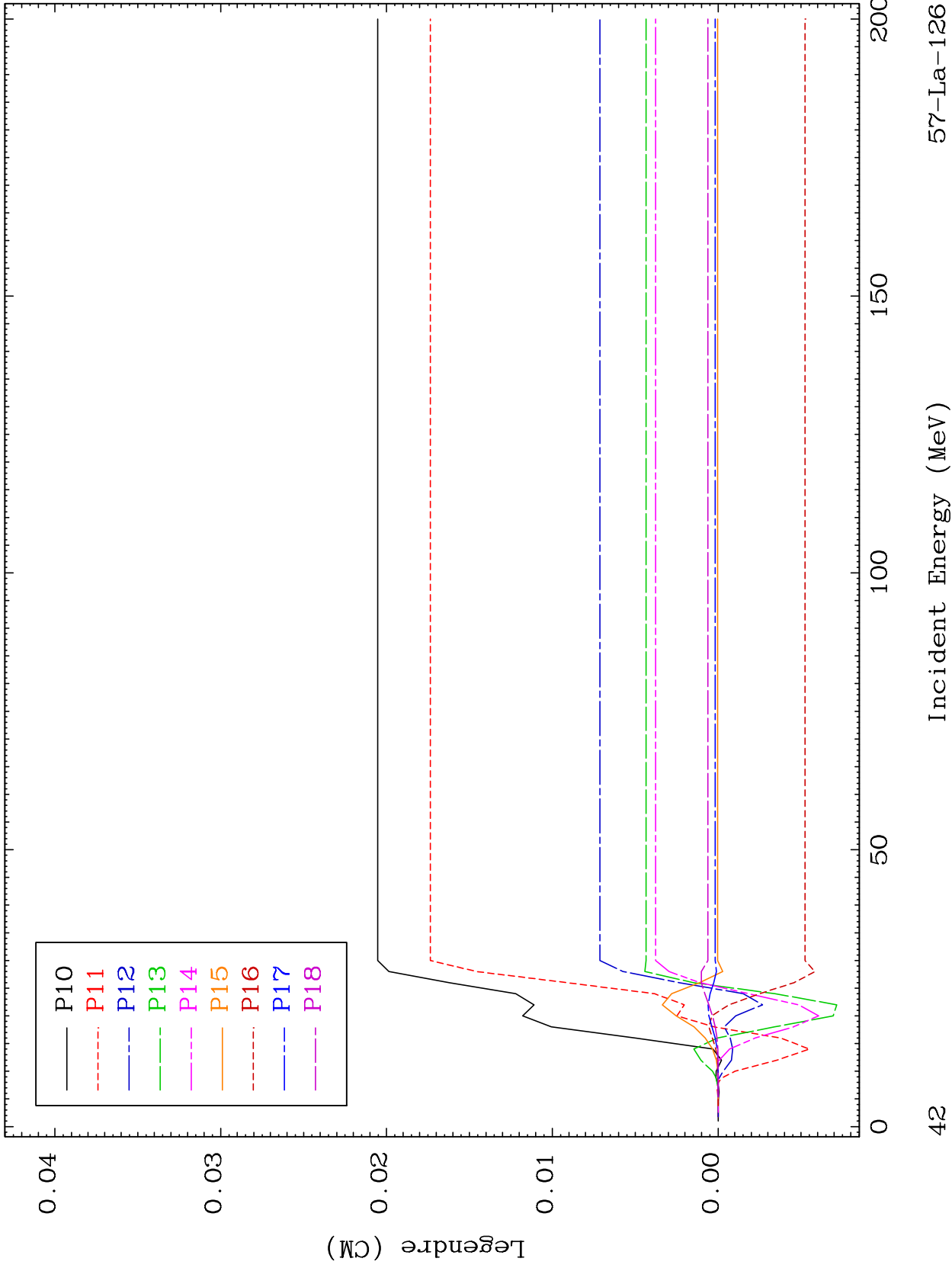
Incident Energy (MeV)

41

MAT 5689

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

57-La-126



57-La-126

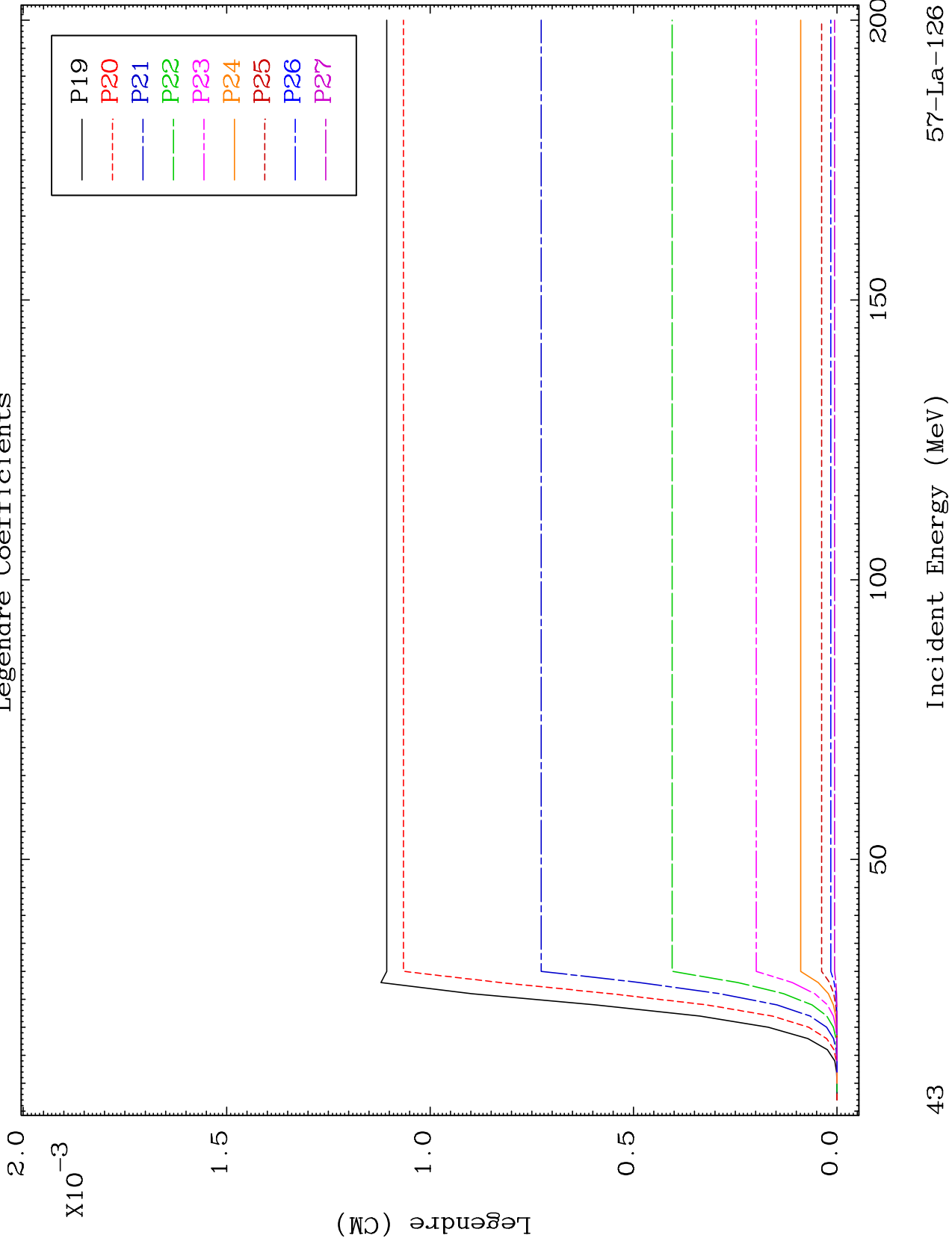
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MAT 5689

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

57-La-126



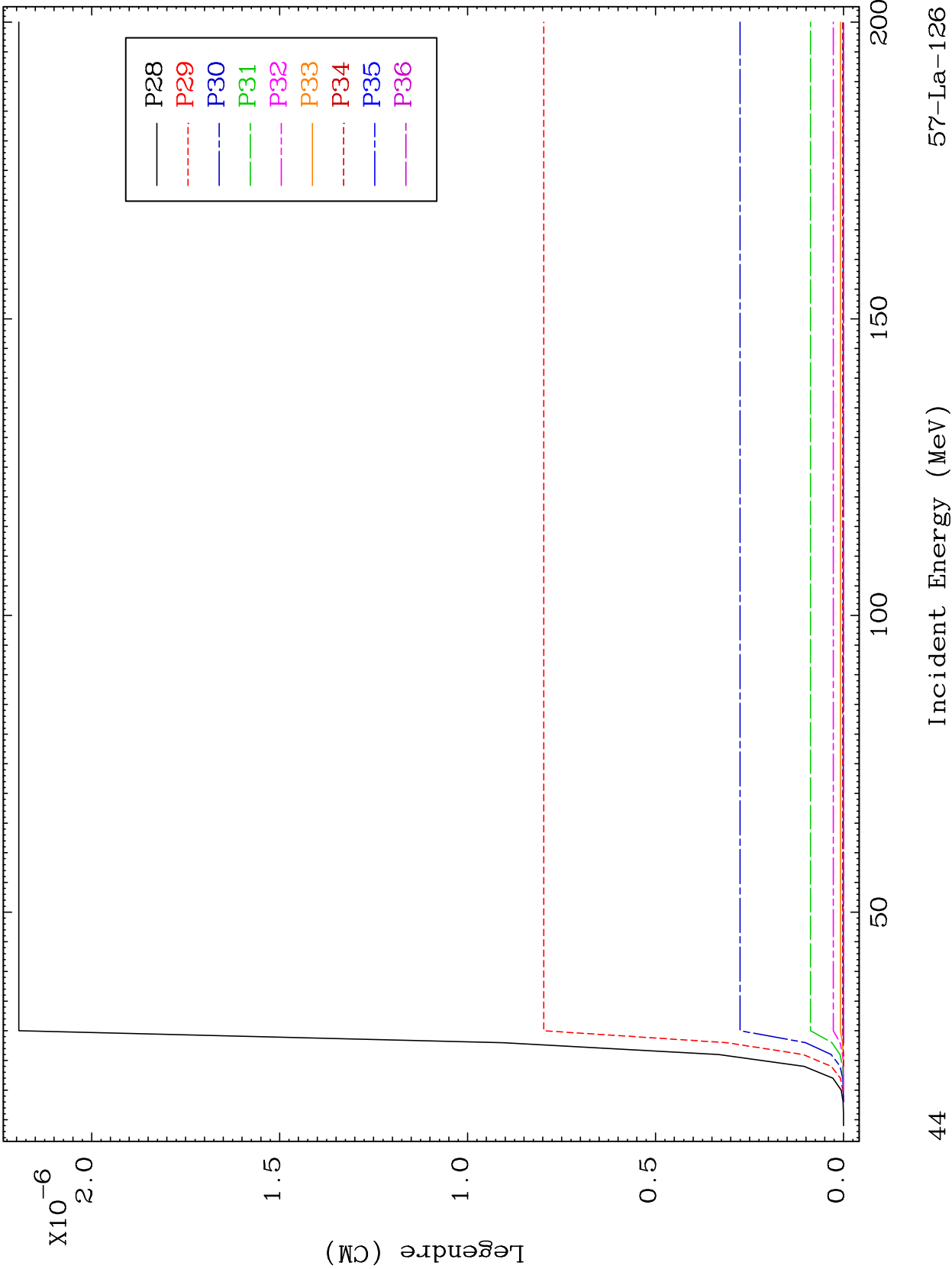
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57-La-126

MAT 5689

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

57-La-126



44

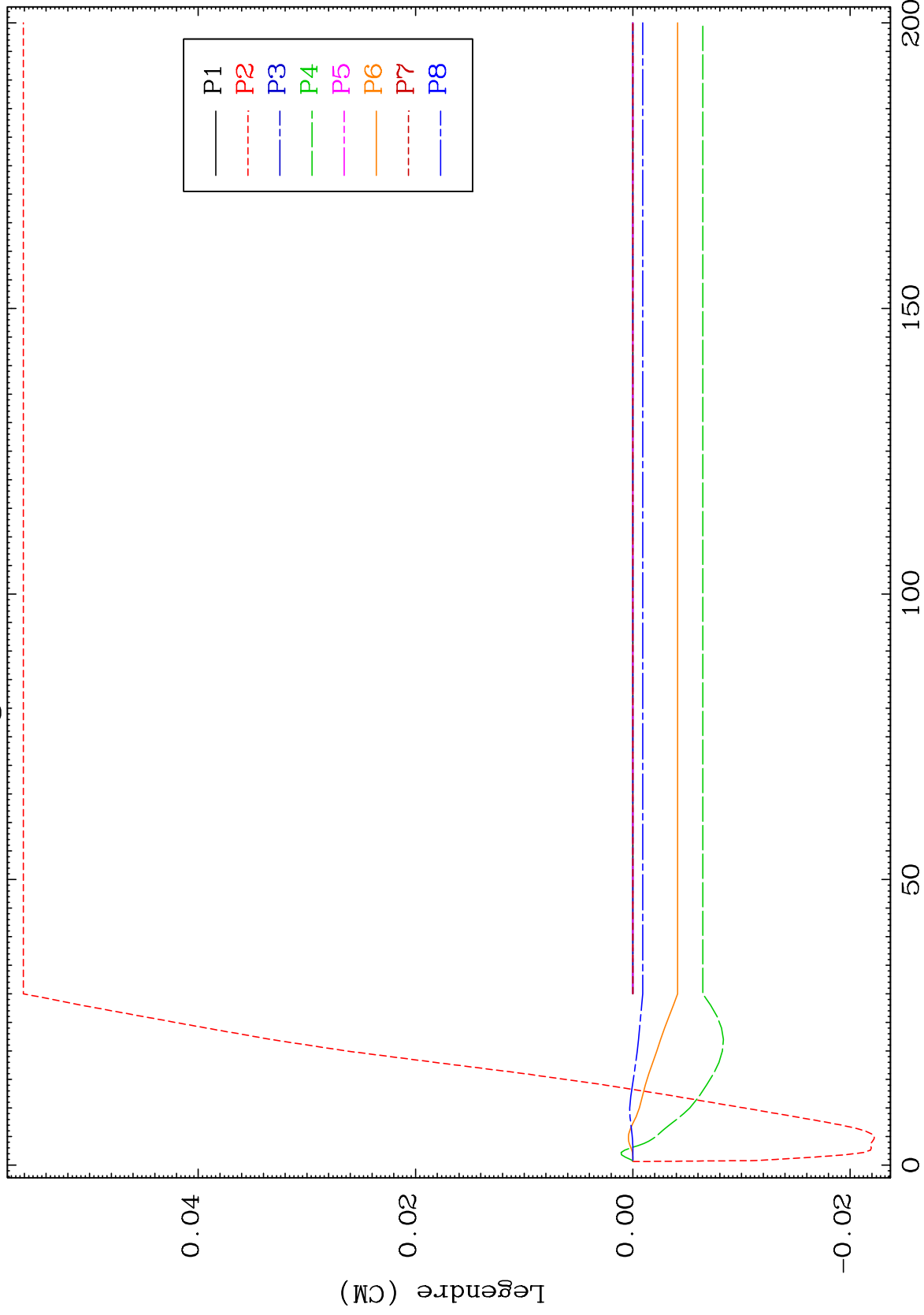
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

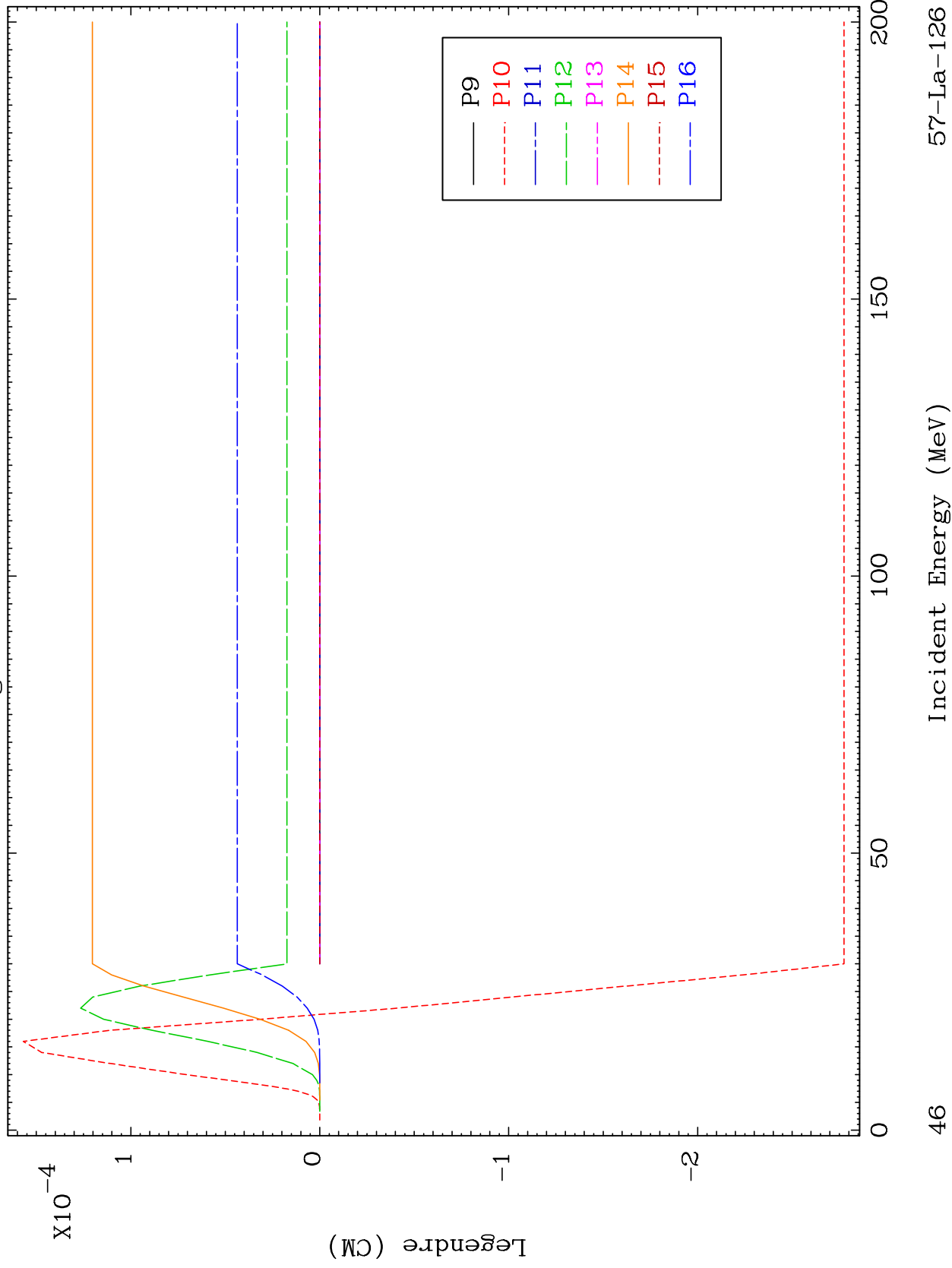
Incident Energy (MeV)

45

MAT 5689

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

57-La-126



57-La-126

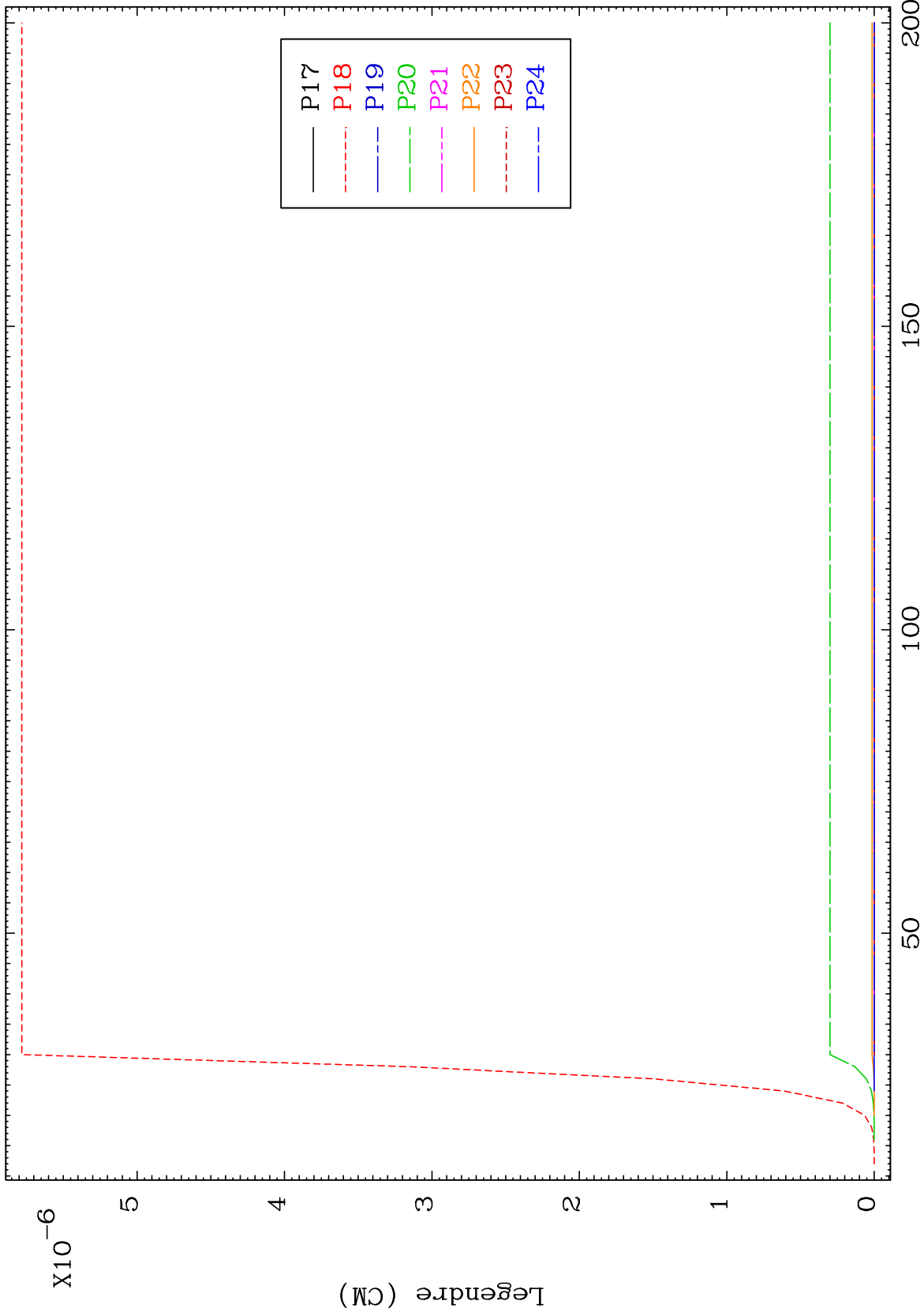
Incident Energy (MeV)

46

MAT 5689

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

57-La-126



47

Incident Energy (MeV)

57-La-126

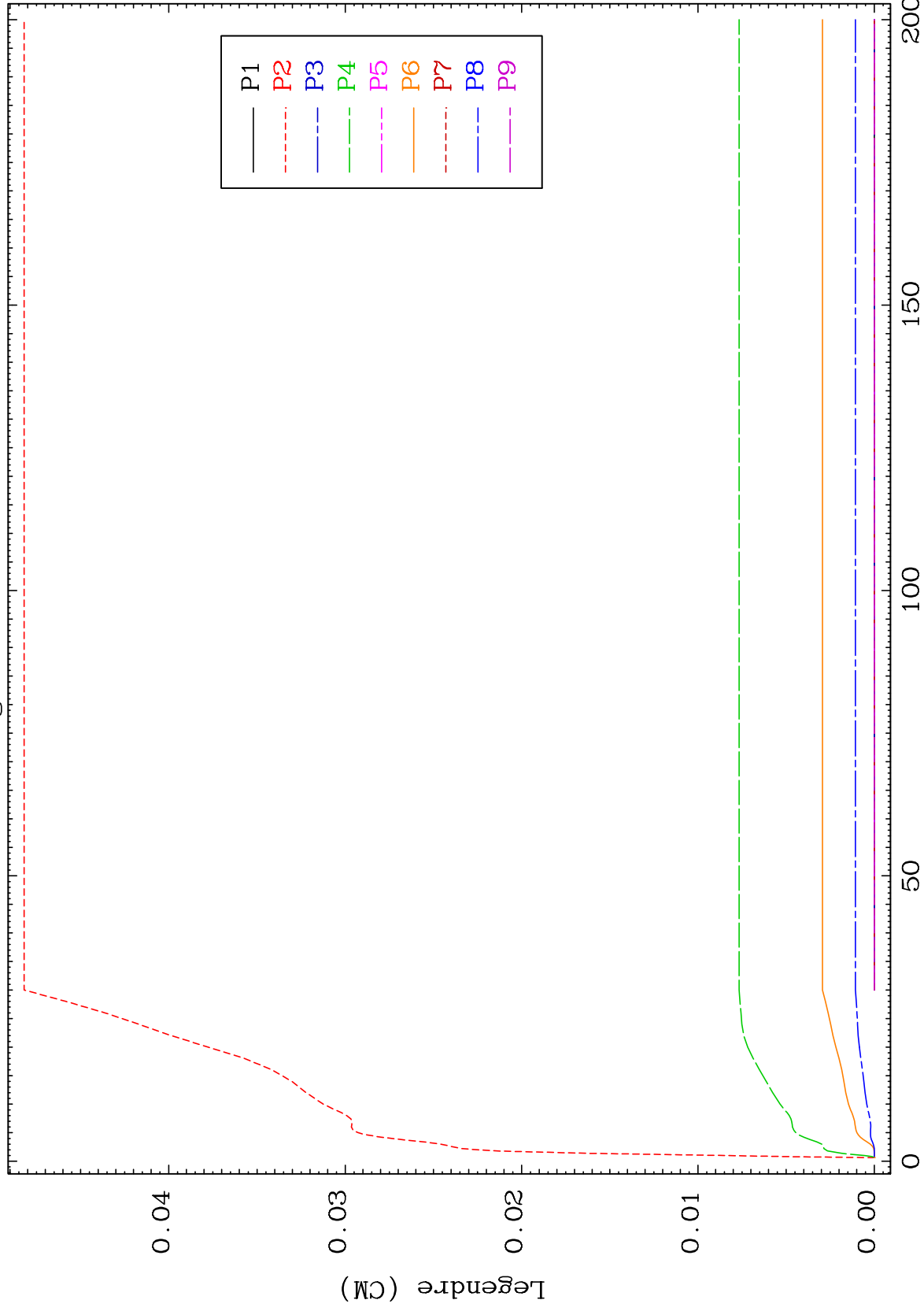


MAT 5689

MT= 59 (n,n') Level

57-La-126

Legendre Coefficients



48

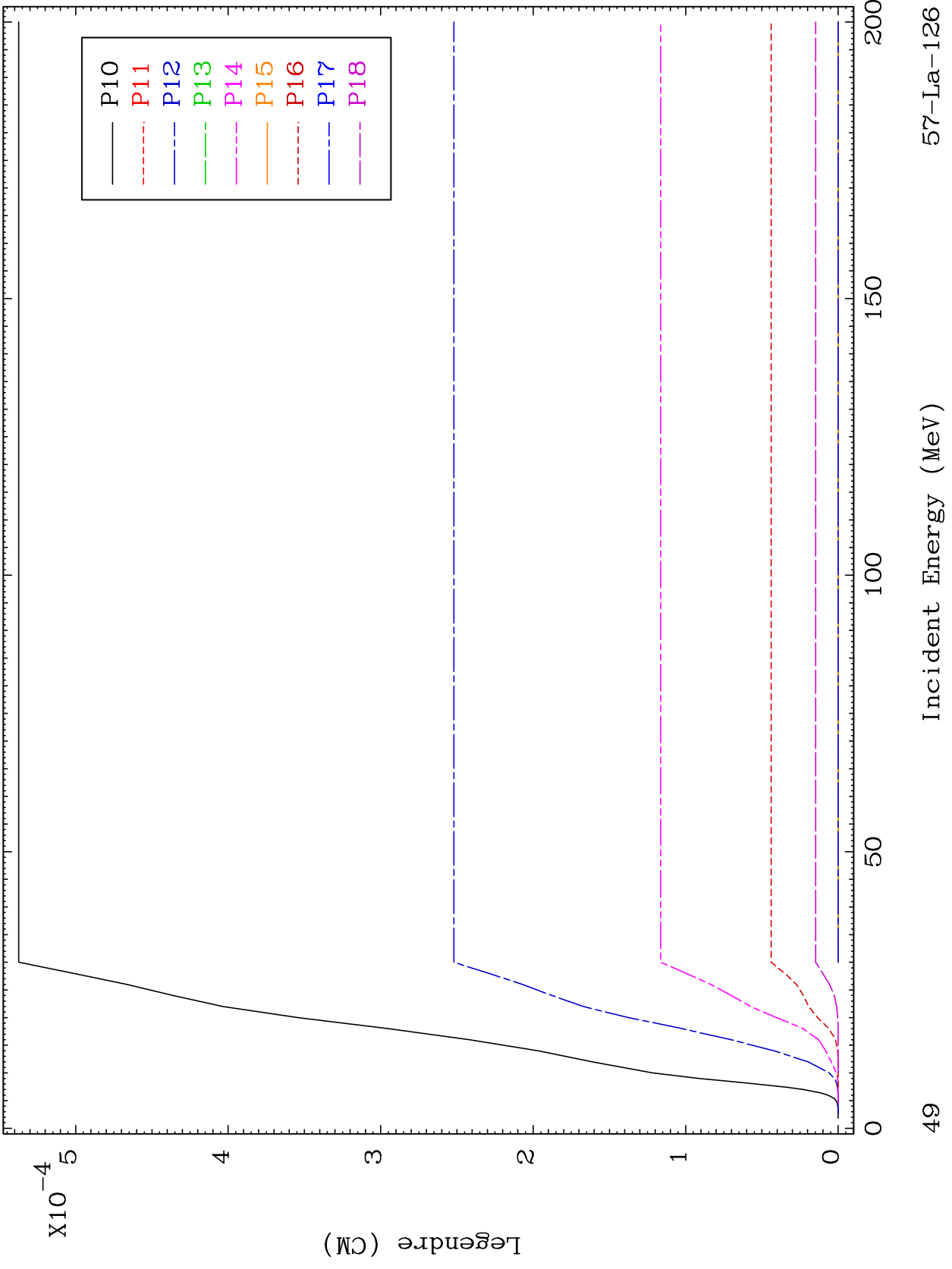
Incident Energy (MeV)

57-La-126

MAT 5689

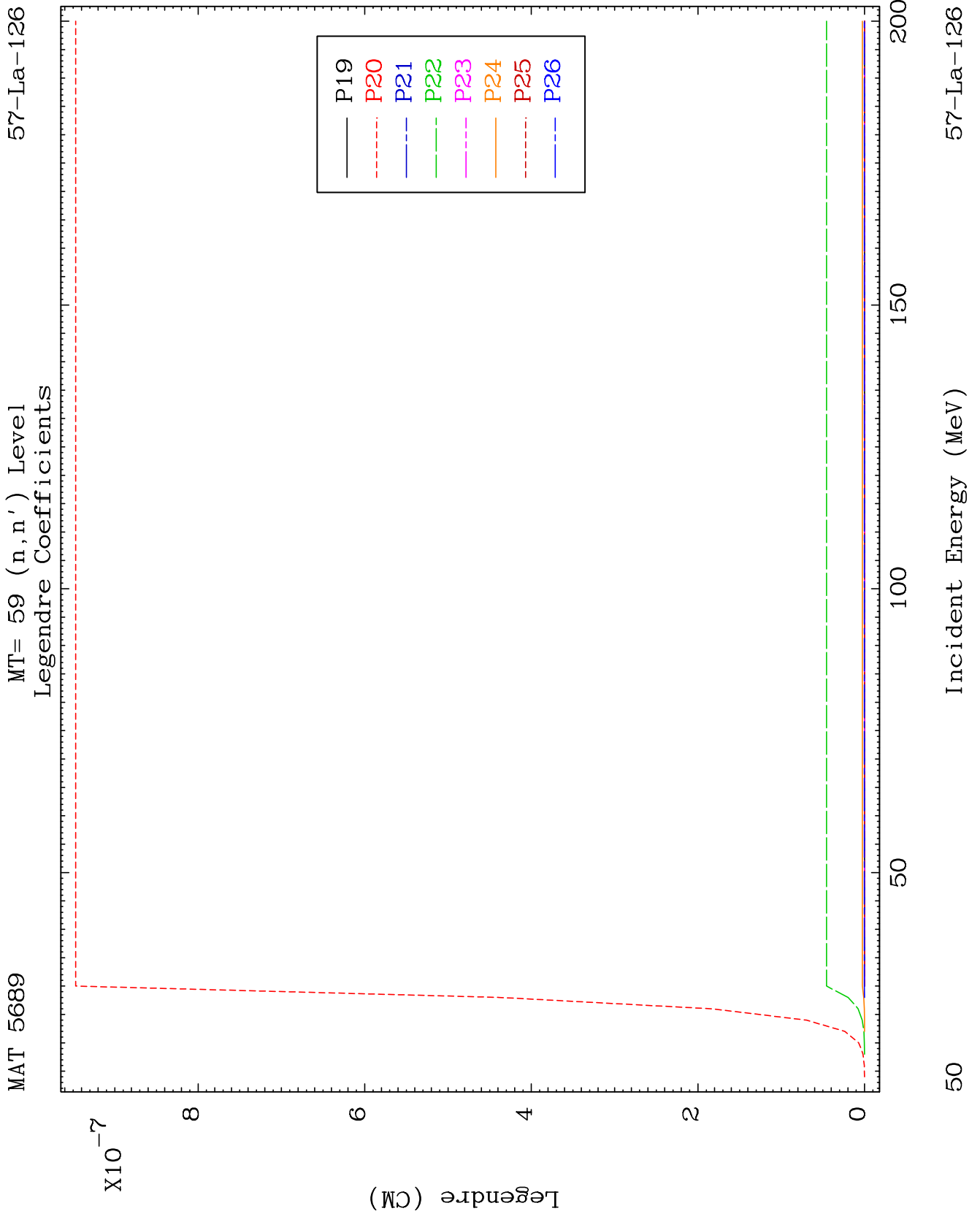
MT= 59 (n,n') Level  
Legendre Coefficients

57-La-126



49

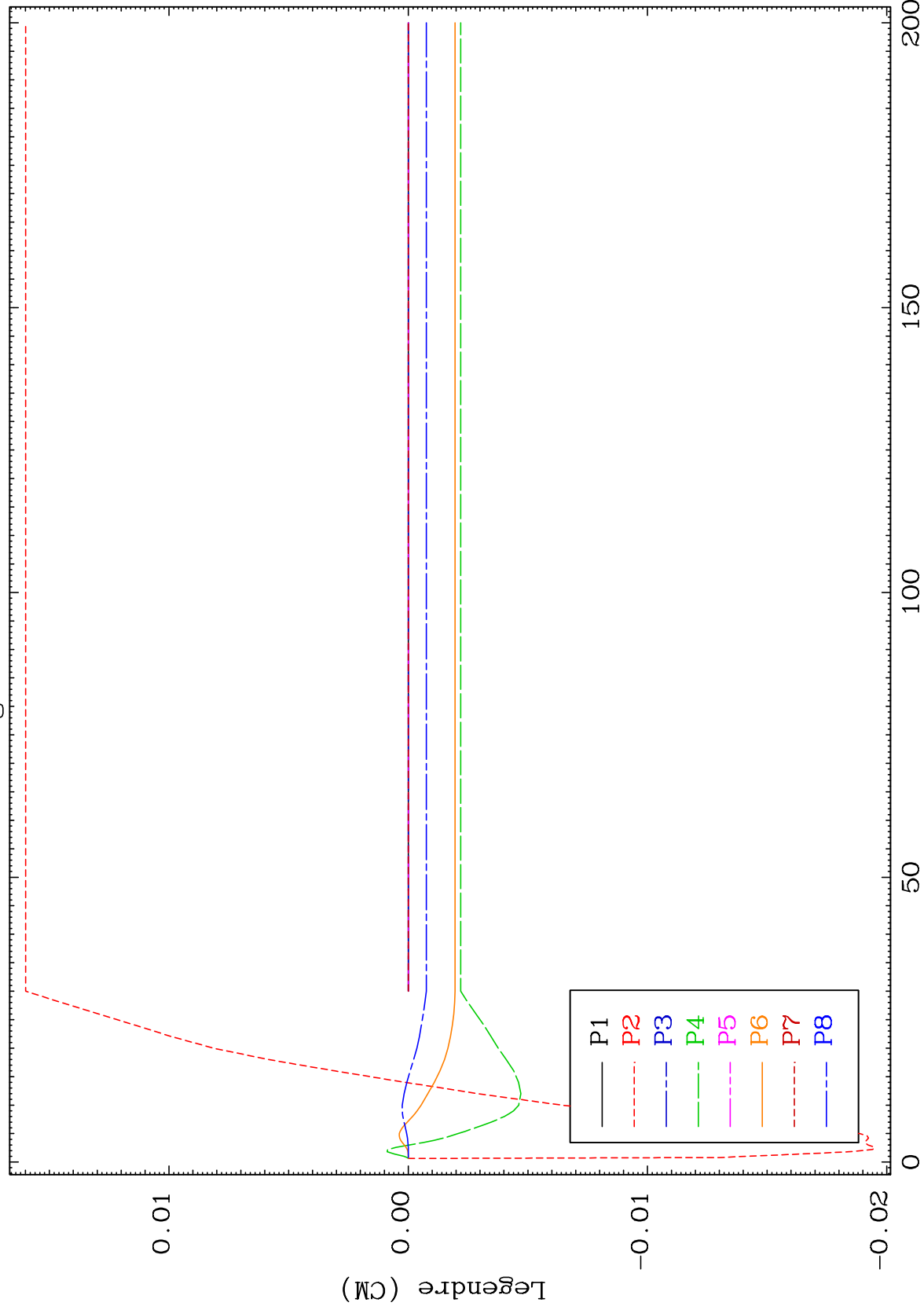
57-La-126



MAT 5689

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

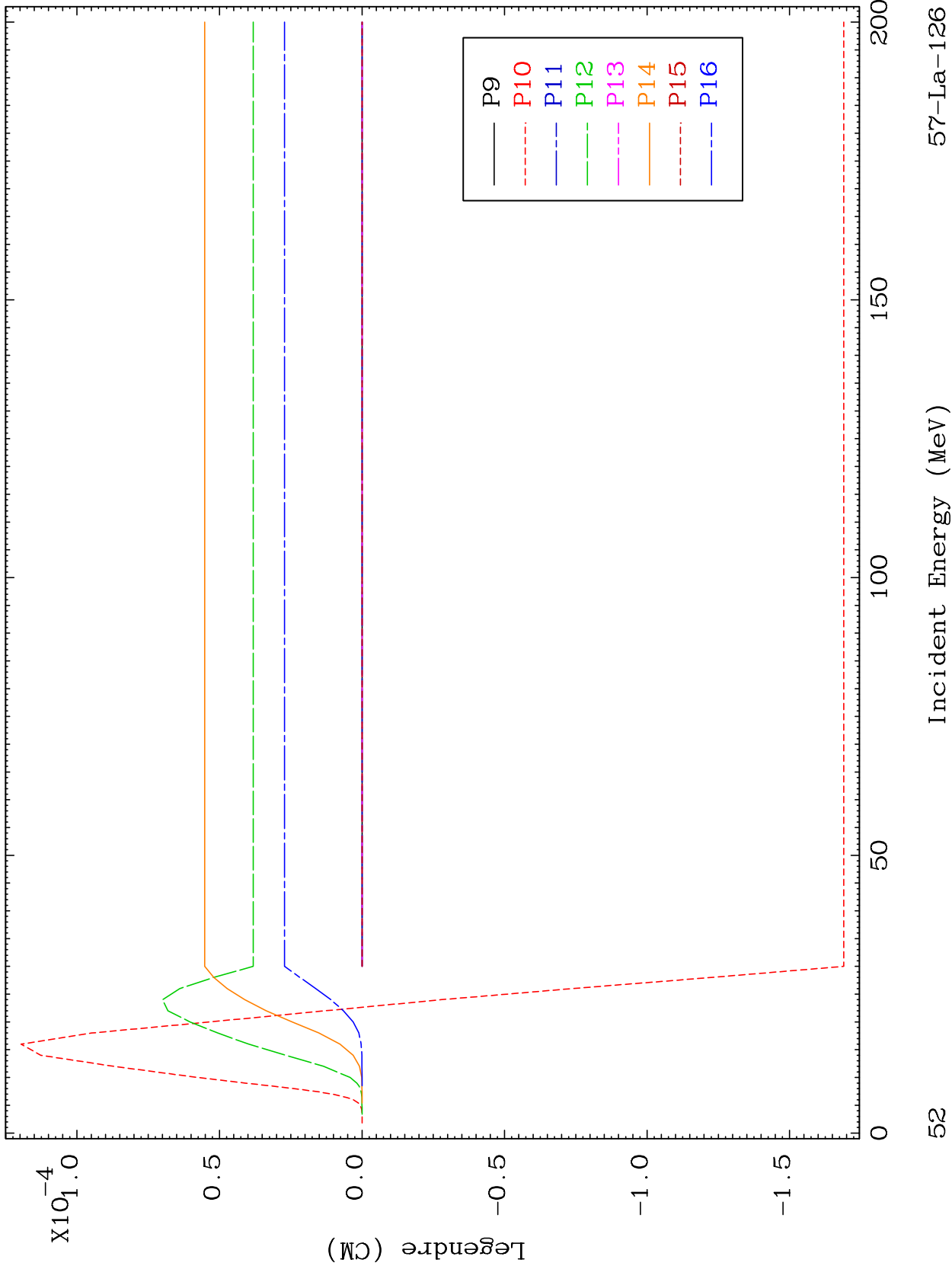
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51

Incident Energy (MeV)

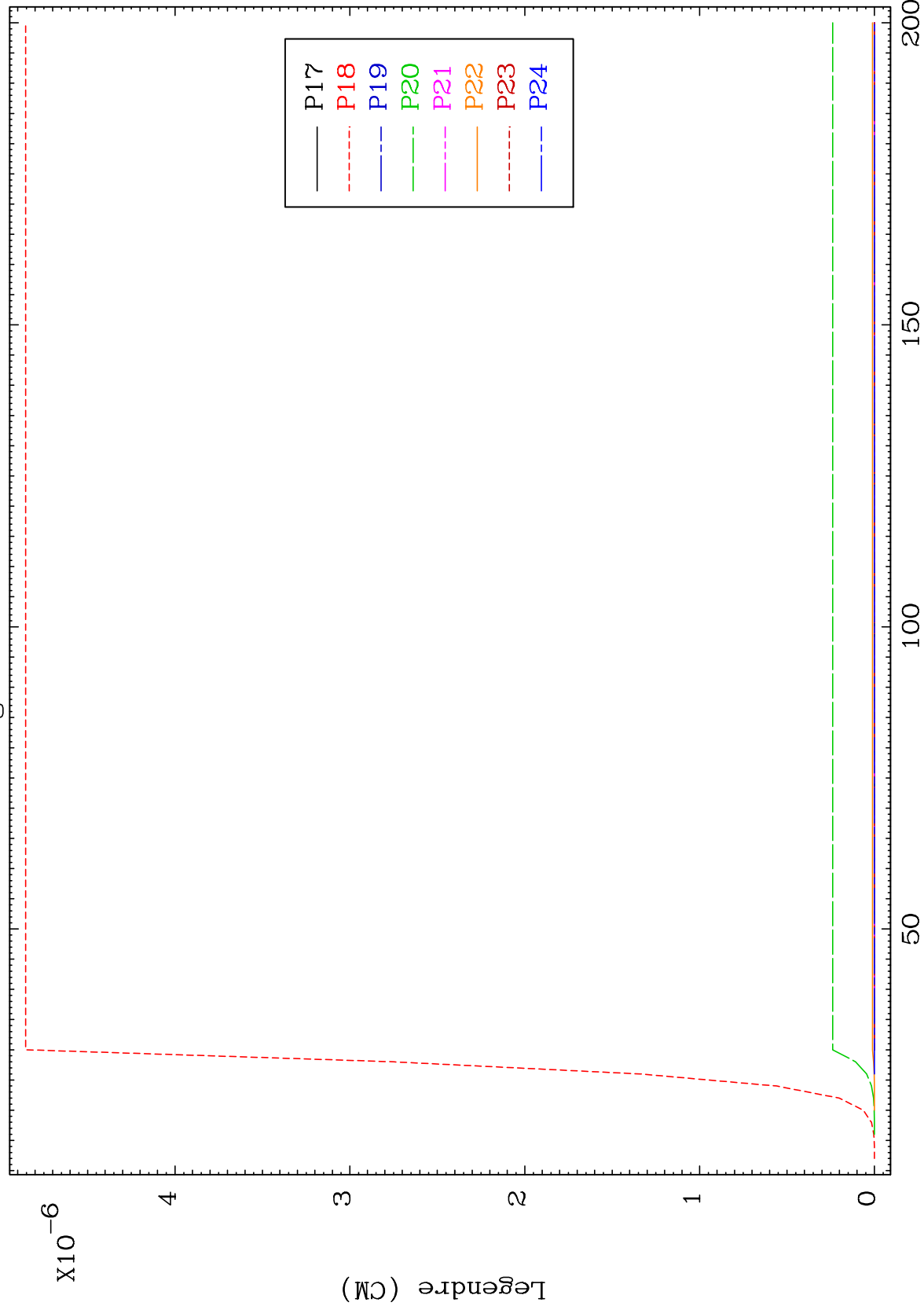
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MAT 5689

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

57-La-126



57-La-126

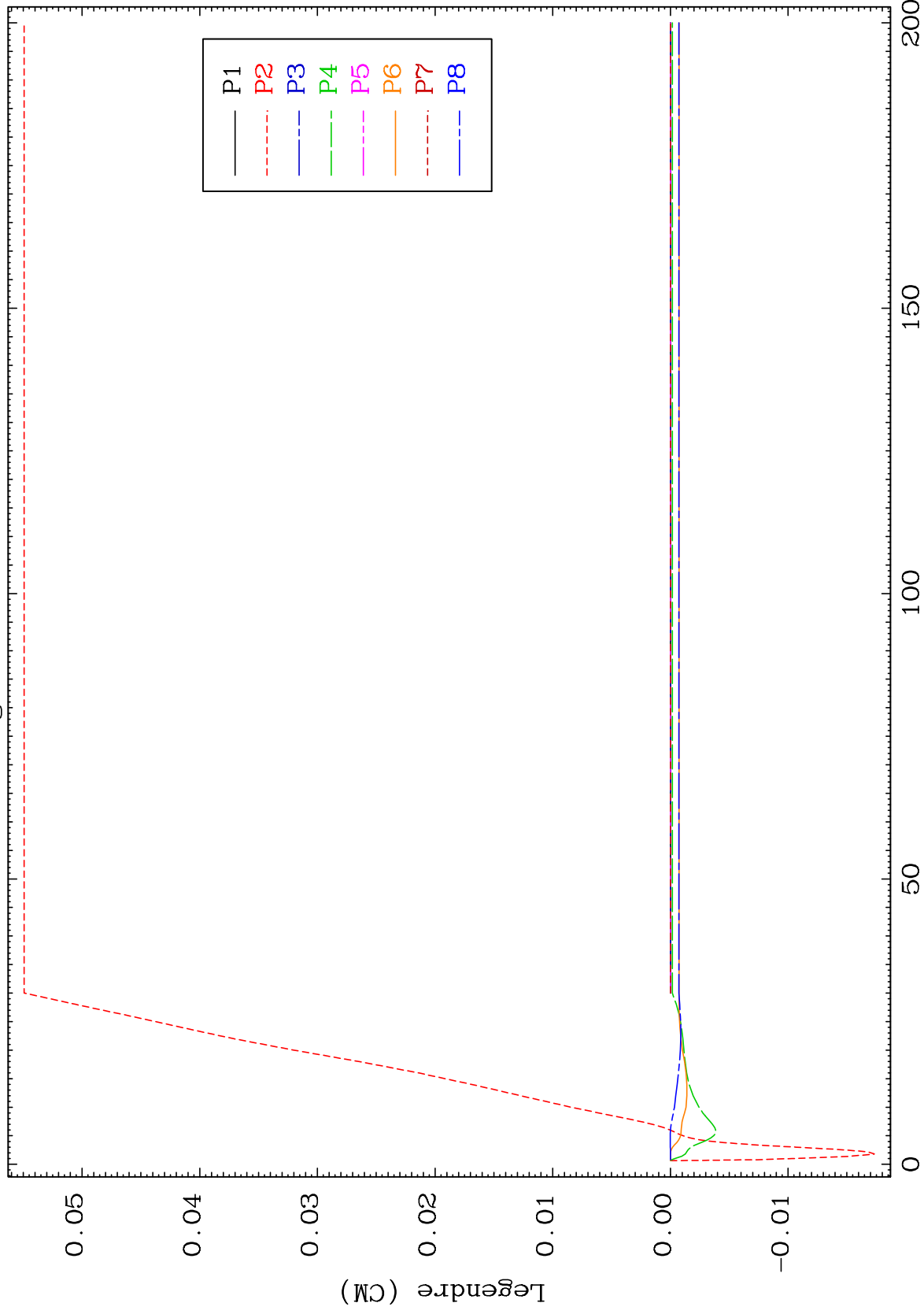
Incident Energy (MeV)

53

MAT 5689

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

57-La-126



57-La-126

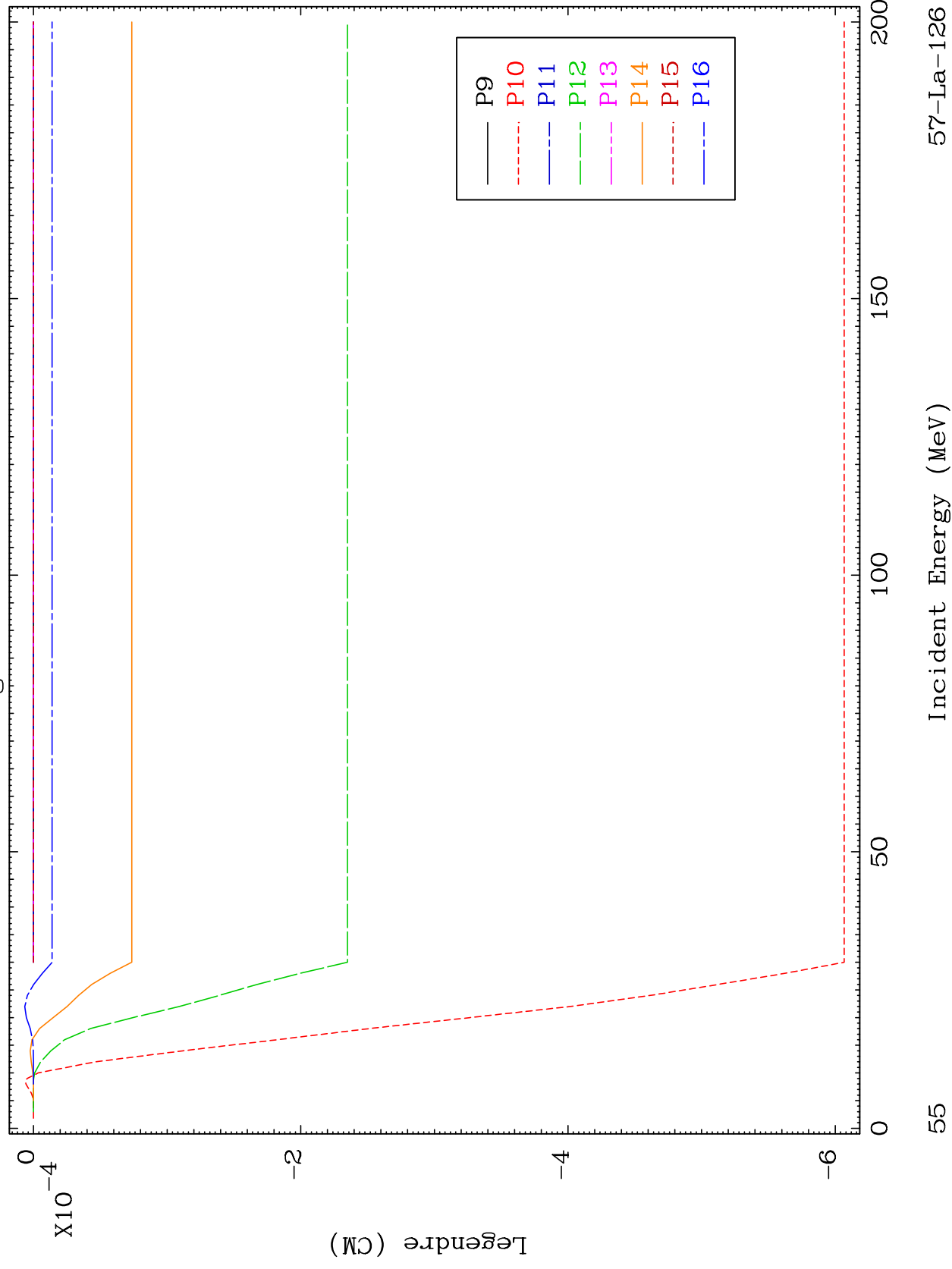
Incident Energy (MeV)

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MAT 5689

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

57-La-126



57-La-126

Incident Energy (MeV)

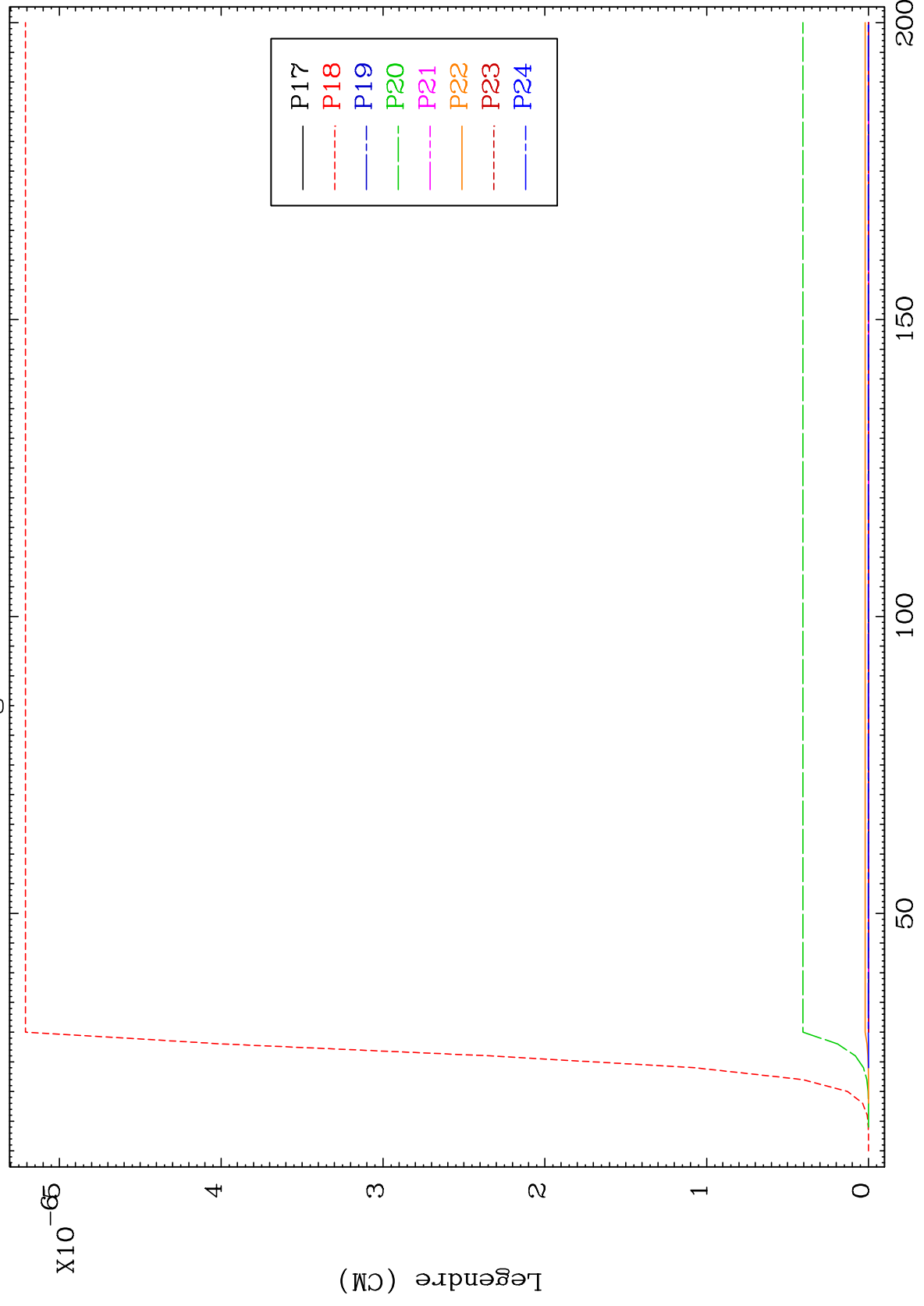
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MAT 5689

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

57-La-126



57-La-126

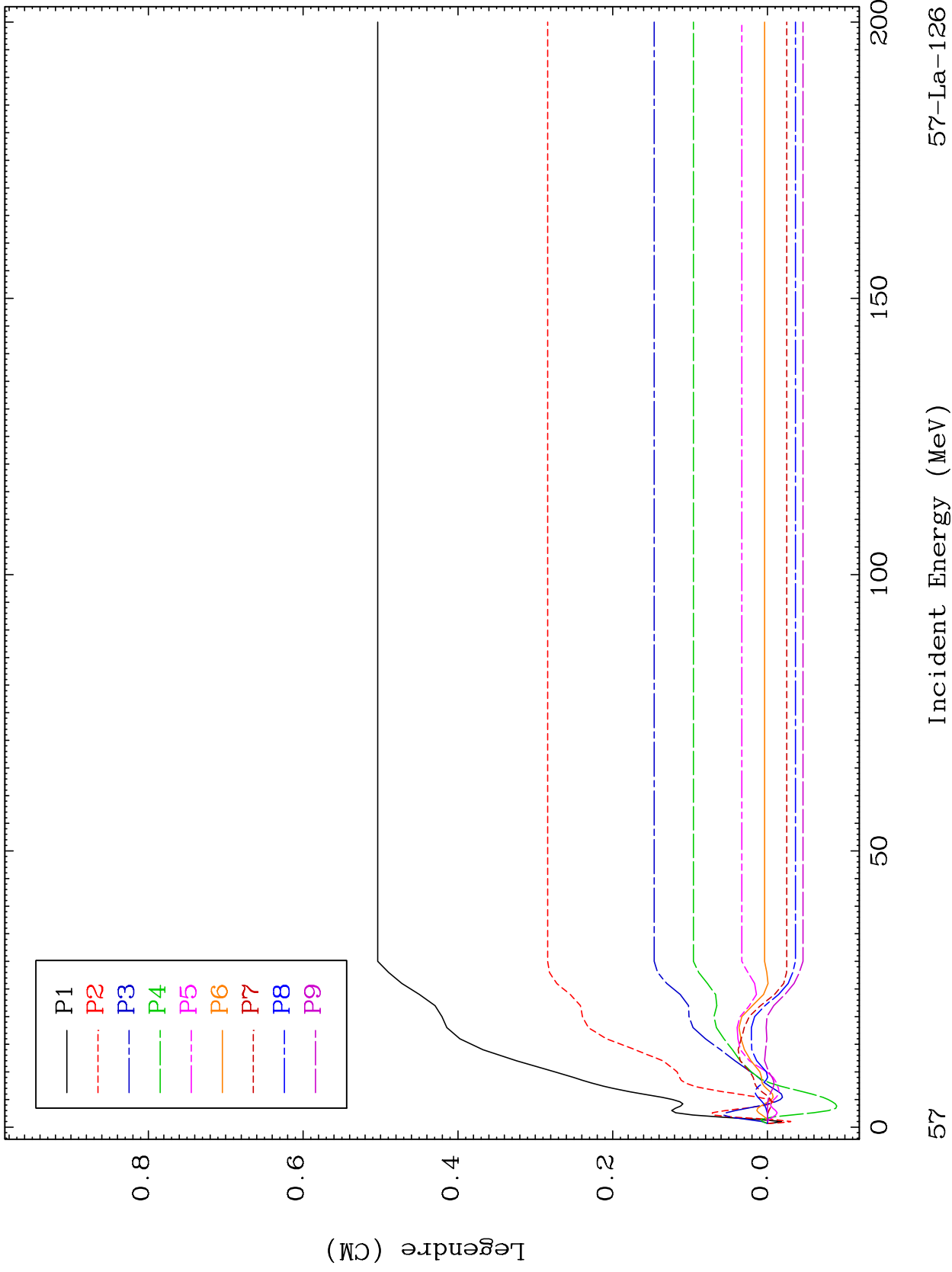
Incident Energy (MeV)

56

MAT 5689

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

57-La-126



57-La-126

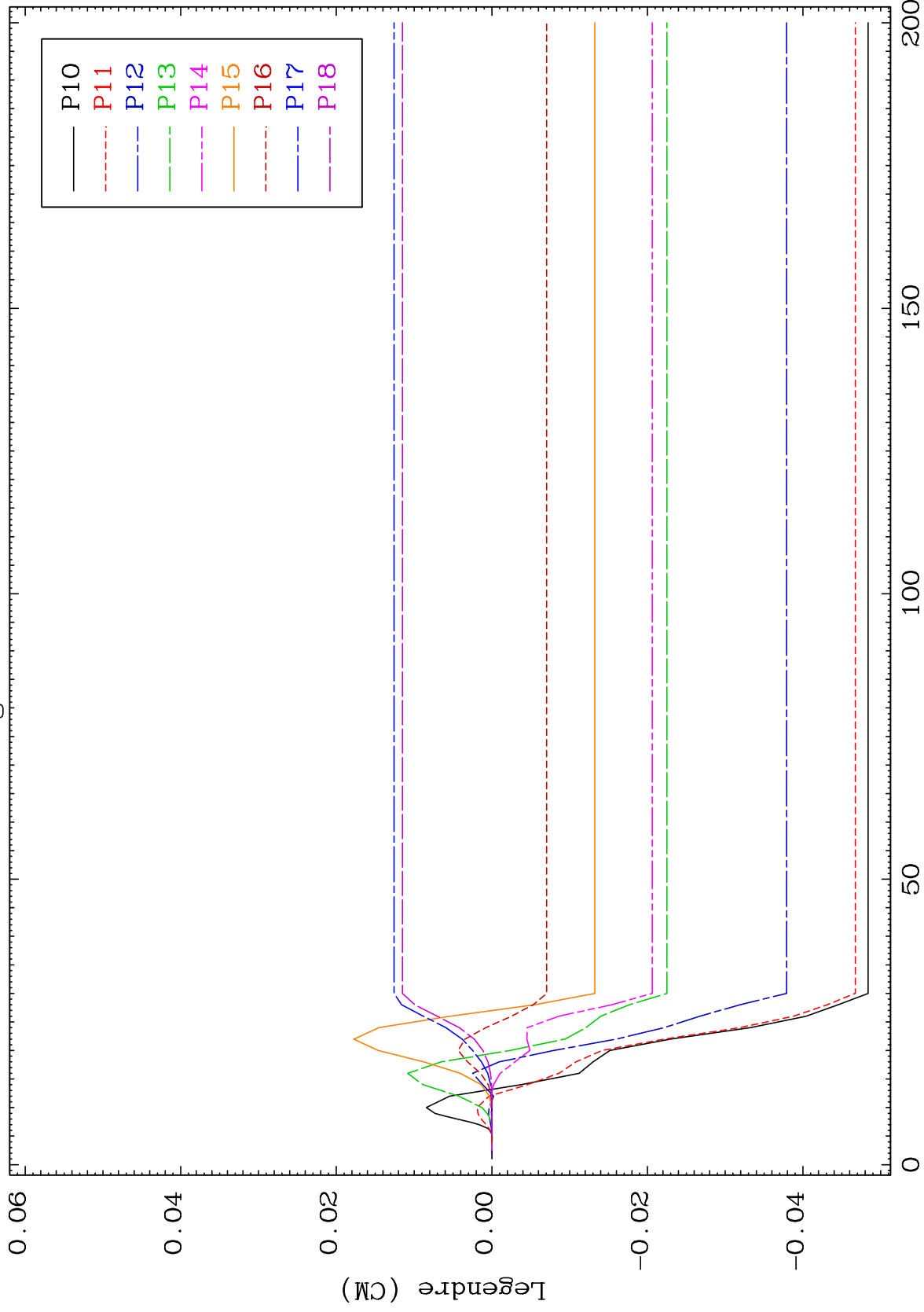
Incident Energy (MeV)

57

MAT 5689

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

57-La-126



58

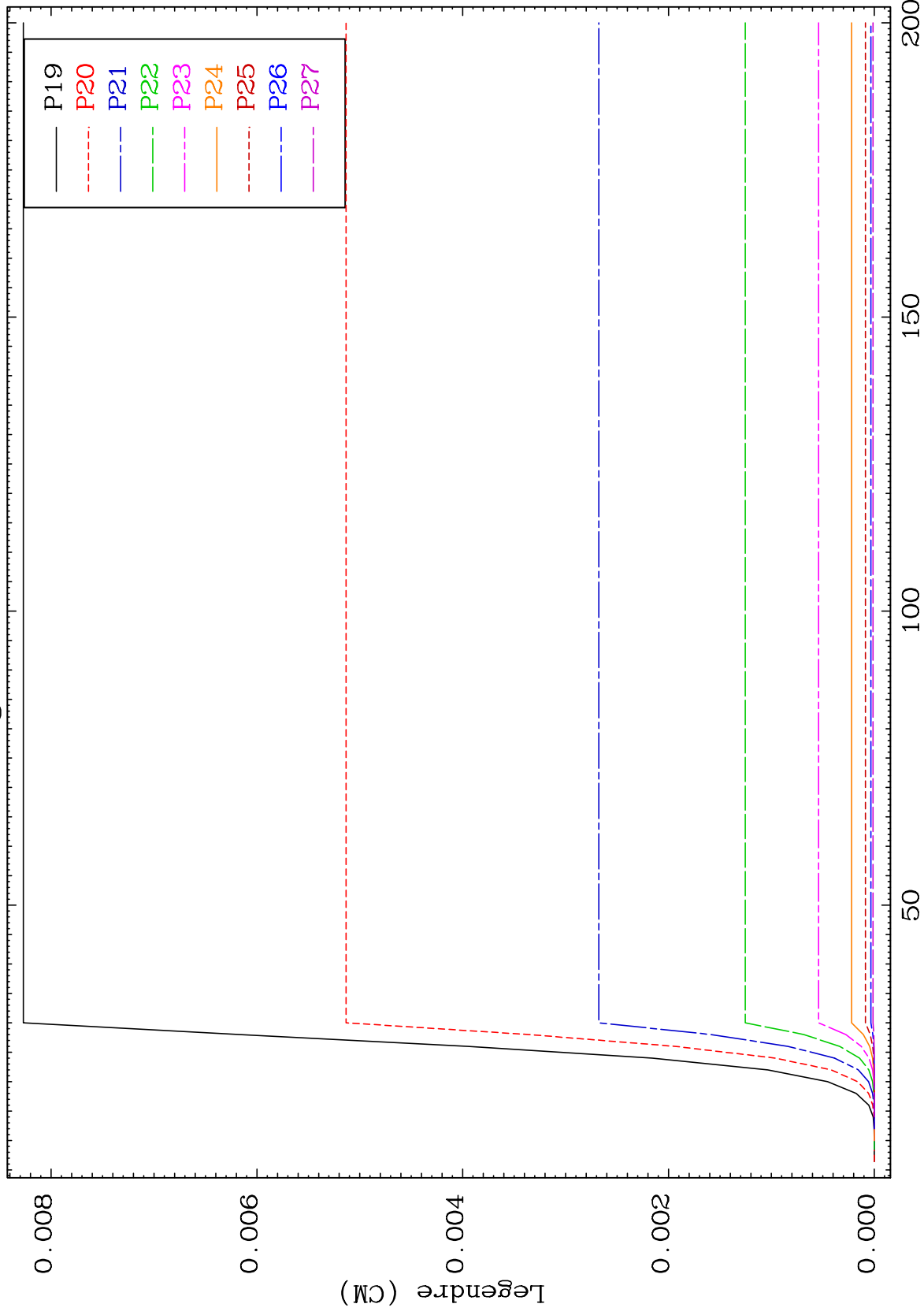
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



59

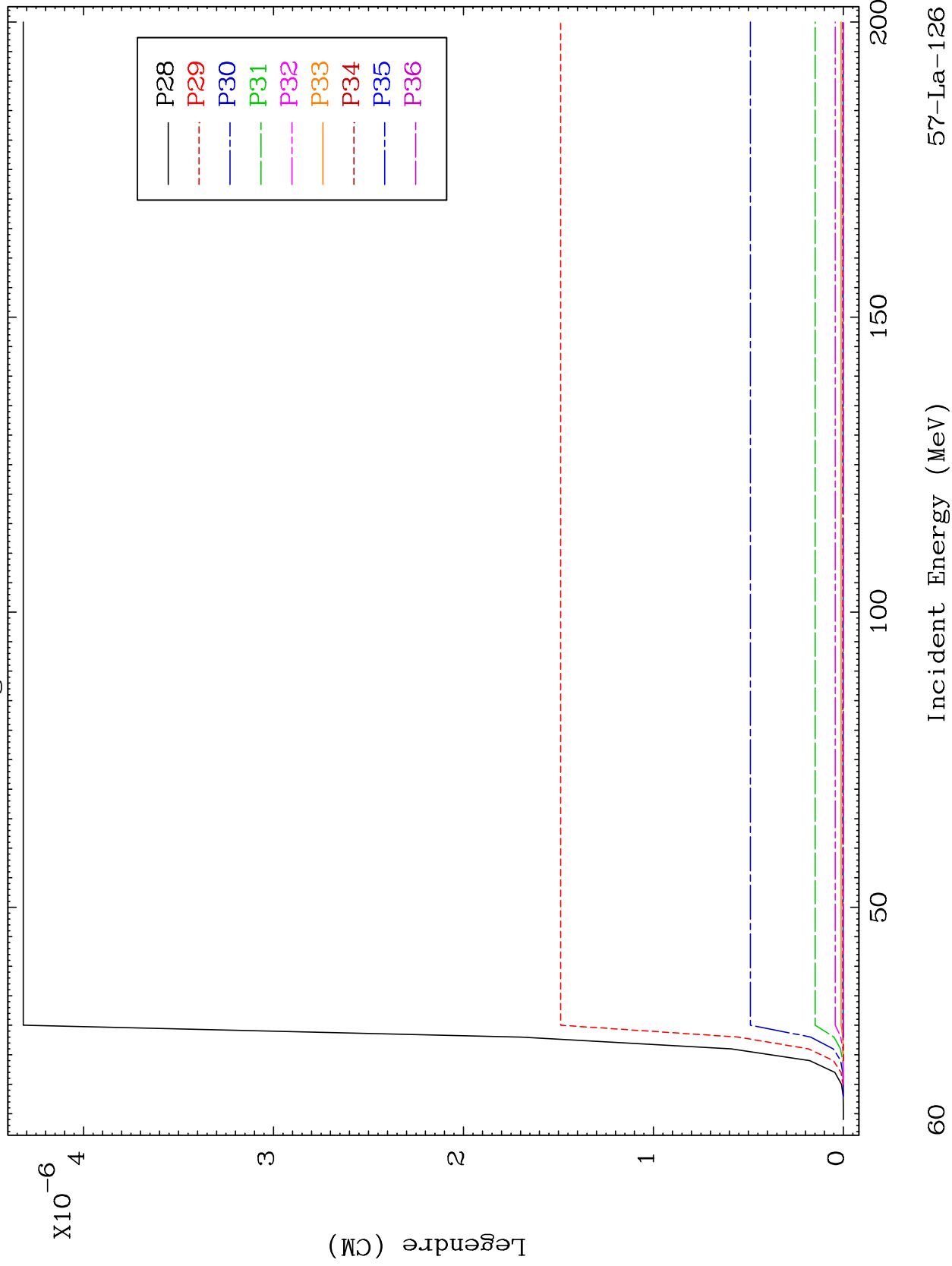
Incident Energy (MeV)

57-La-126

MAT 5689

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

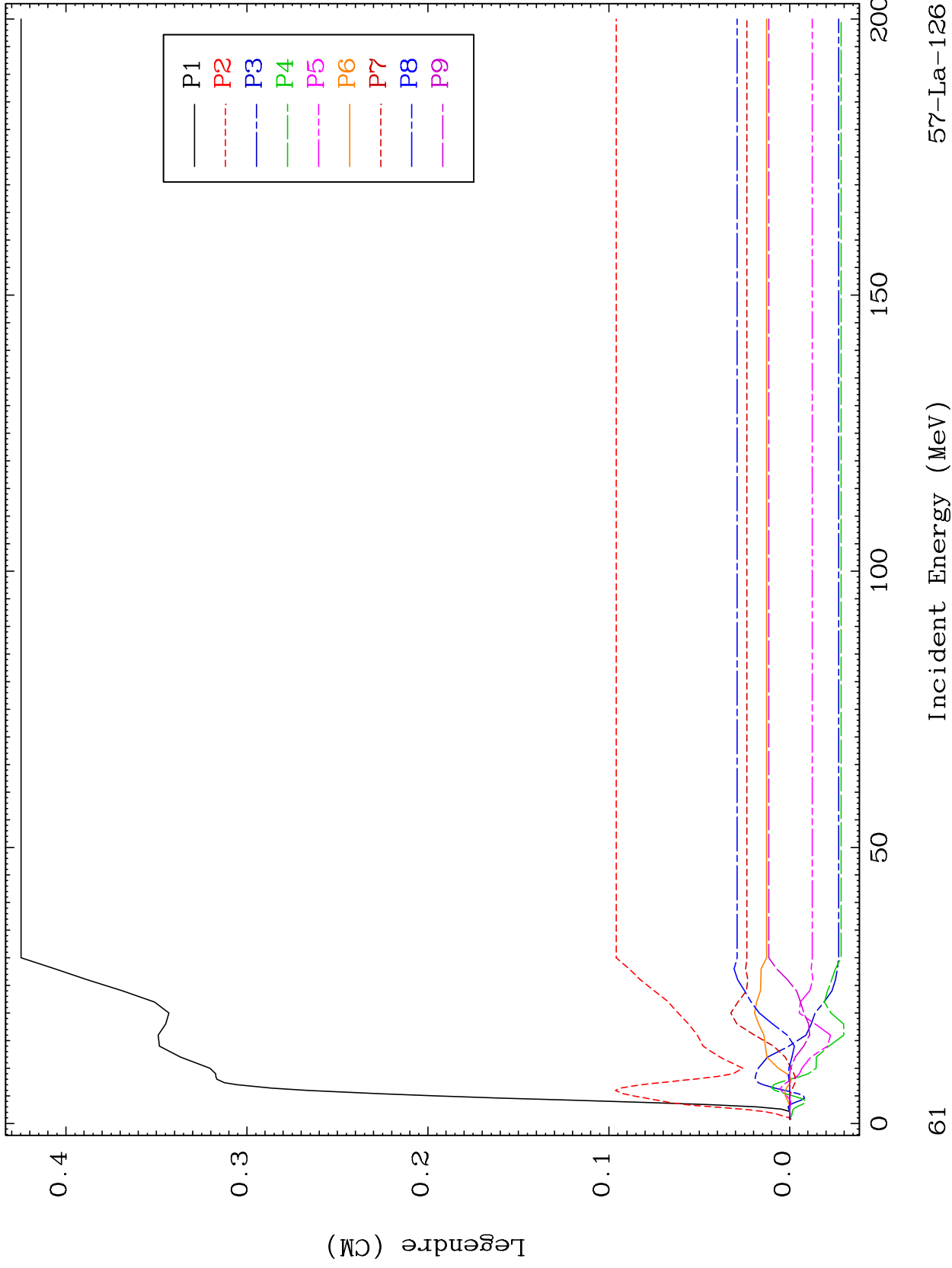
57-La-126



MAT 5689

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

57-La-126



61

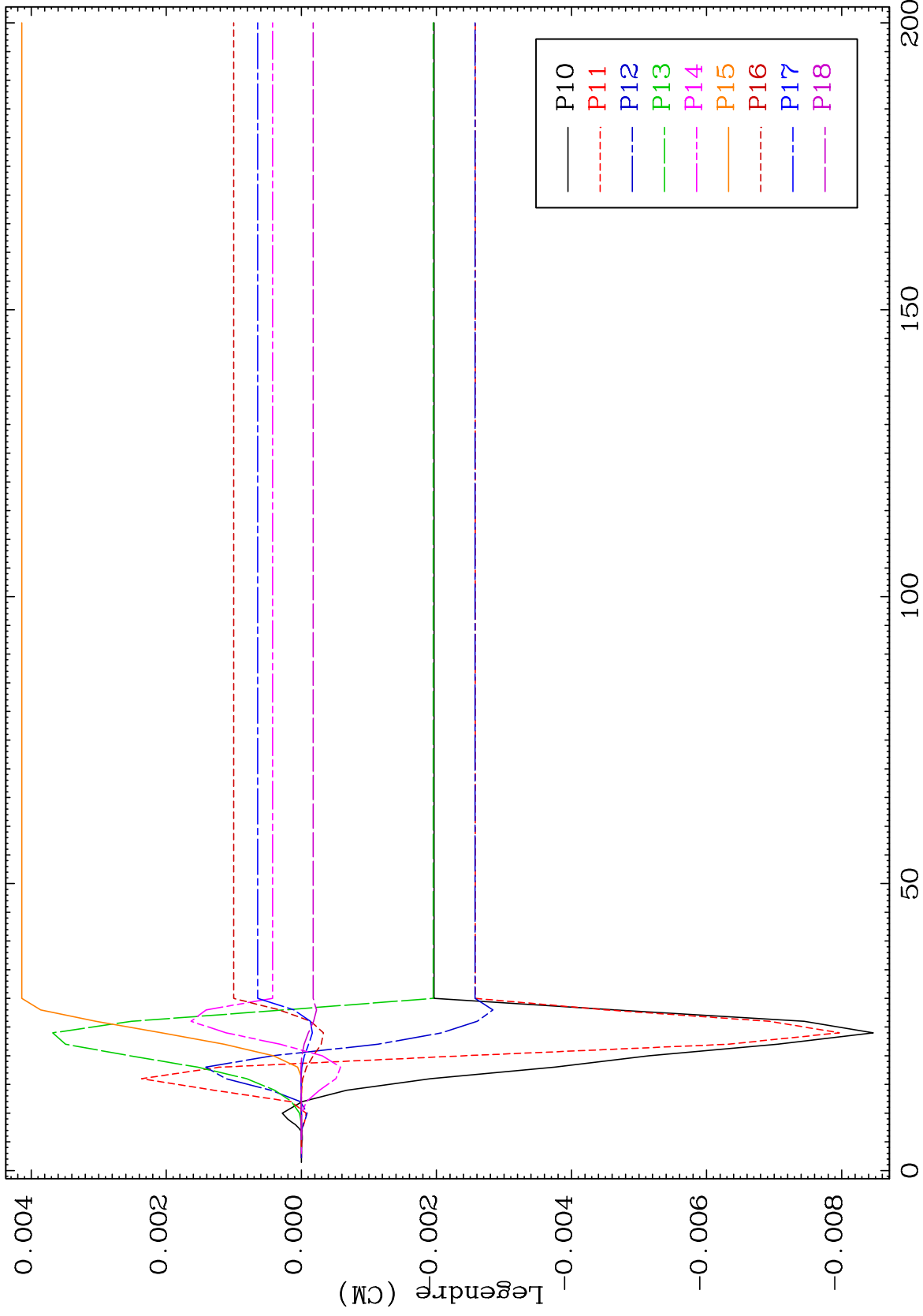
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



62

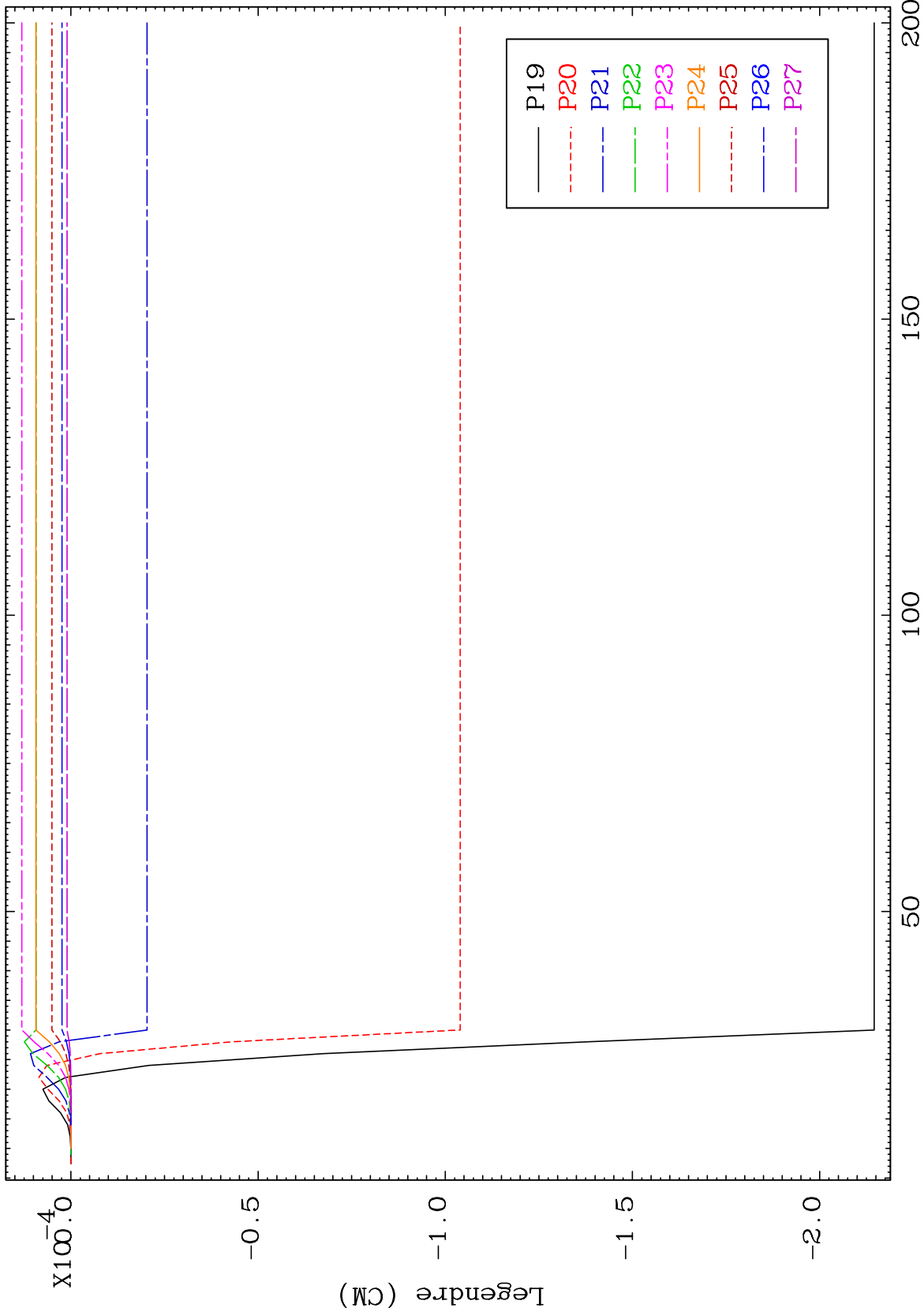
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



63

Incident Energy (MeV)

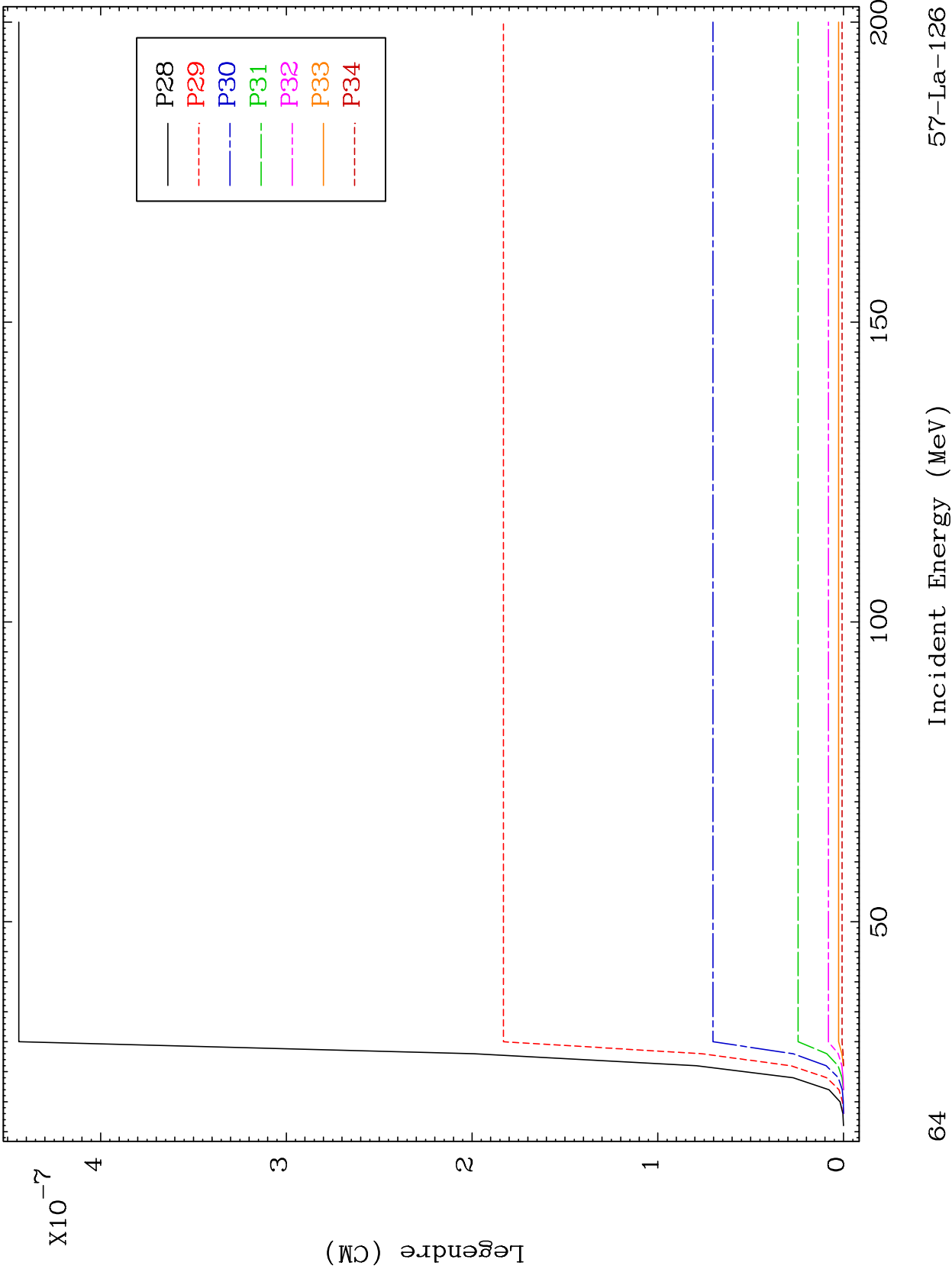
57-La-126



MAT 5689

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

57-La-126



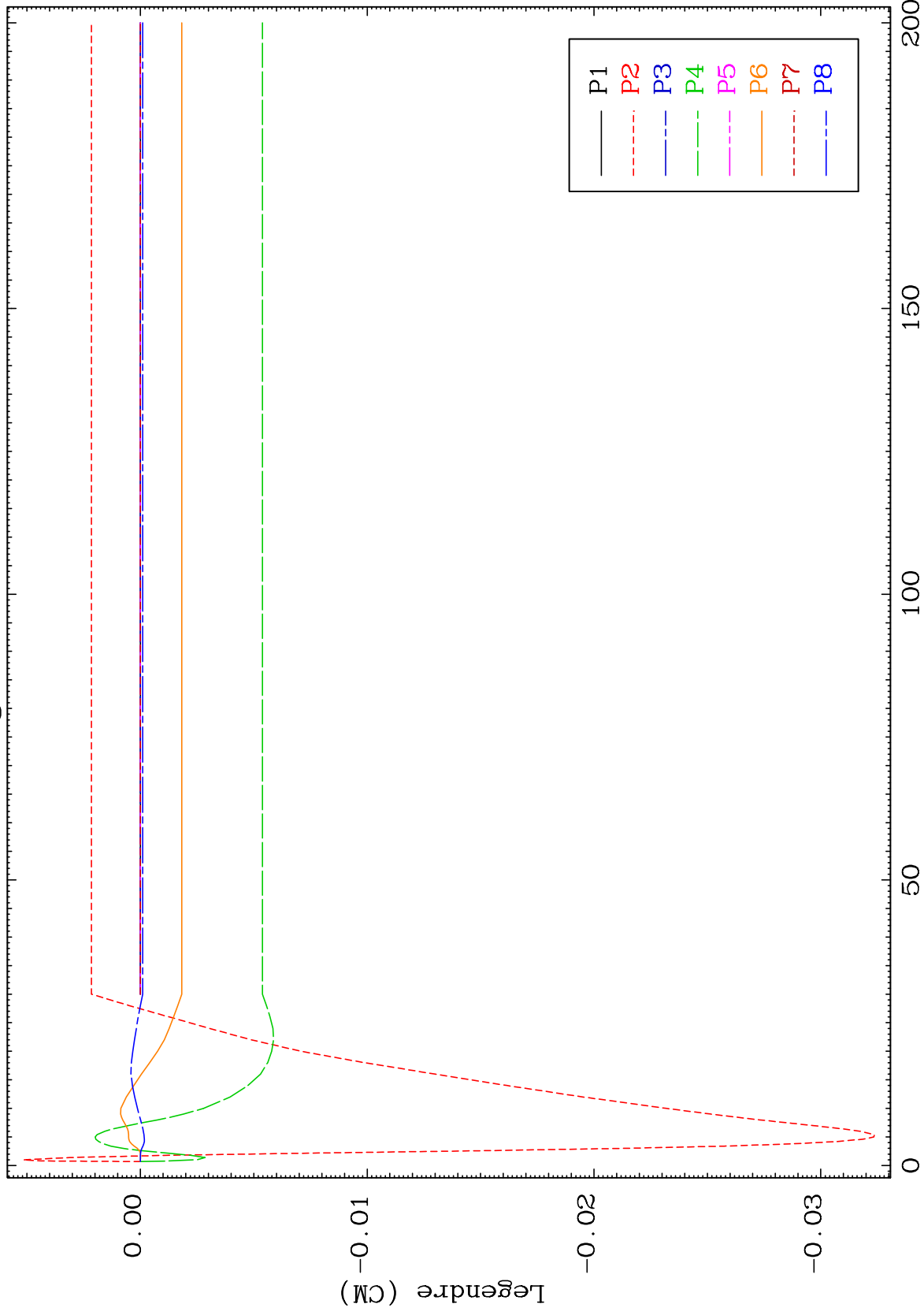
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57-La-126

MAT 5689

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

57-La-126



57-La-126

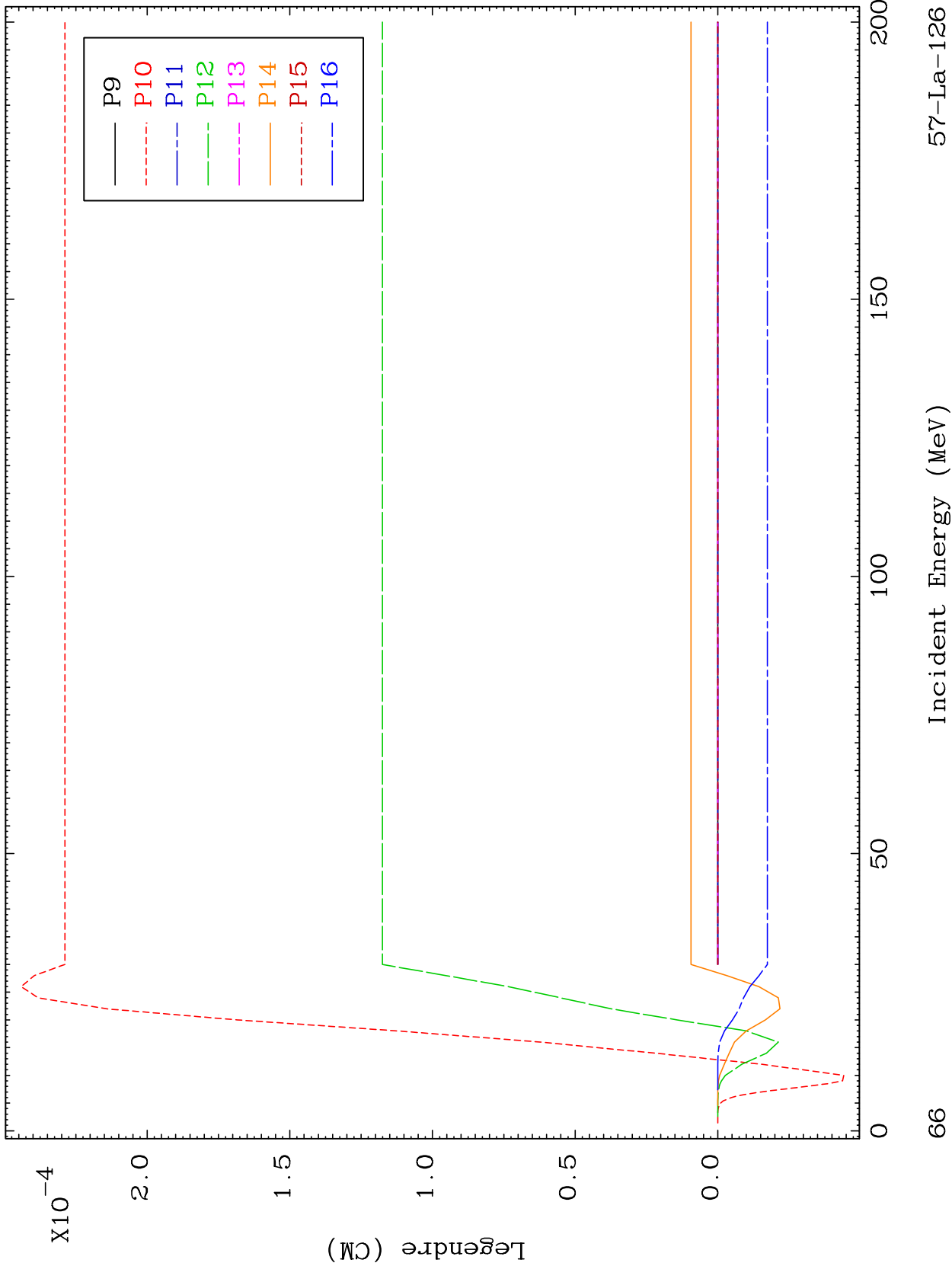
Incident Energy (MeV)

65

MAT 5689

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

57-La-126



57-La-126

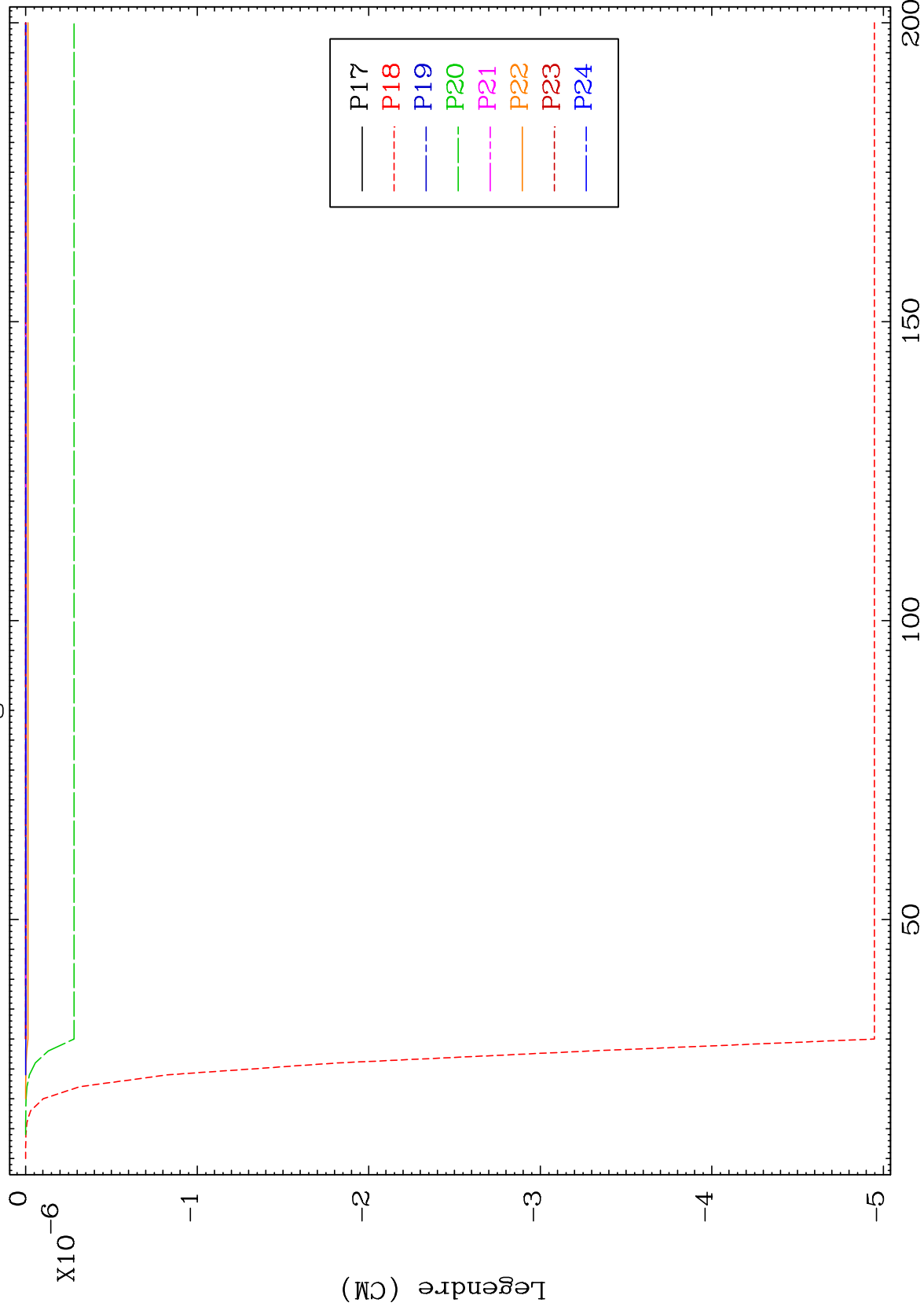
Incident Energy (MeV)

66

MAT 5689

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

57-La-126



67

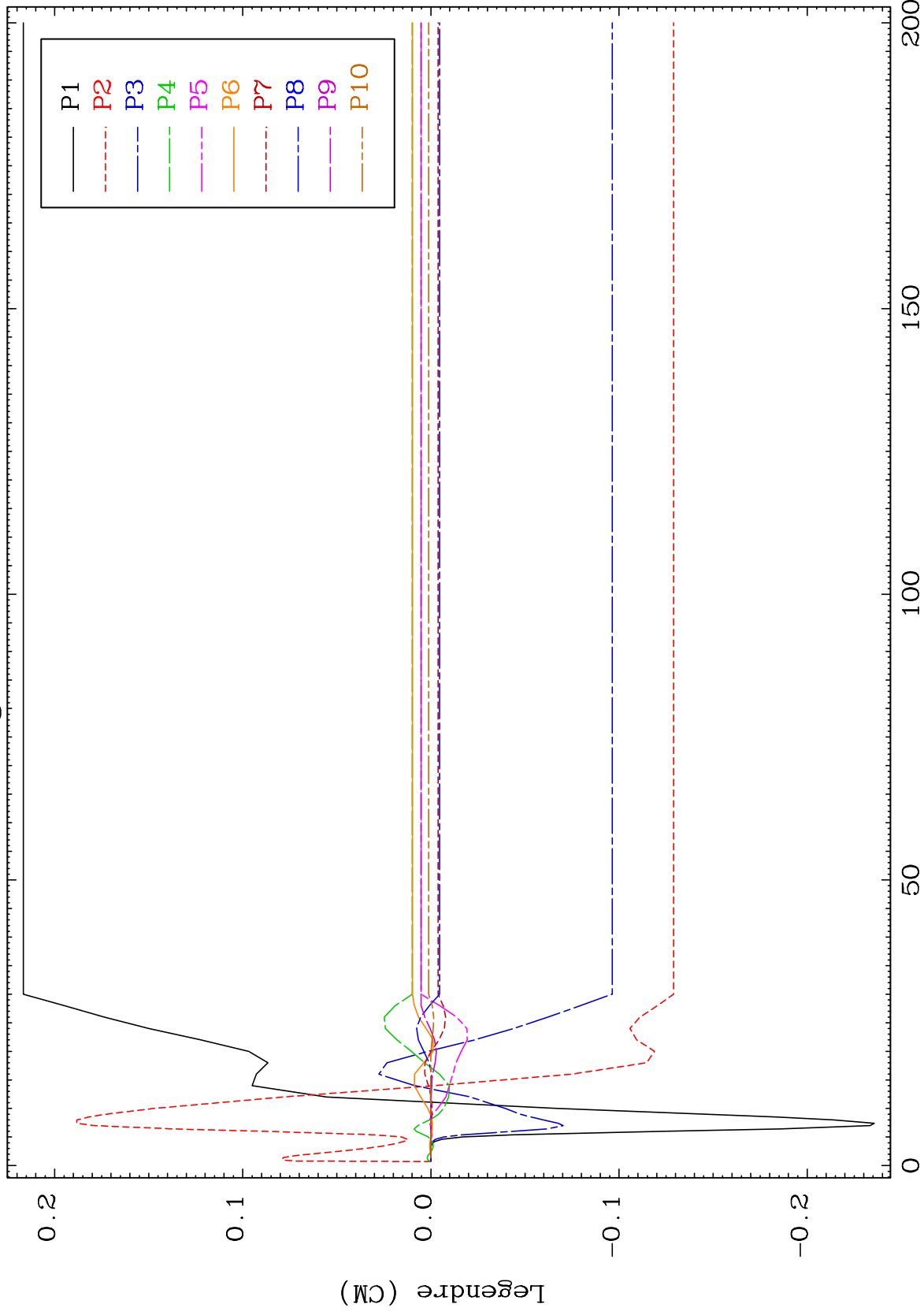
Incident Energy (MeV)

57-La-126

MAT 5689

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

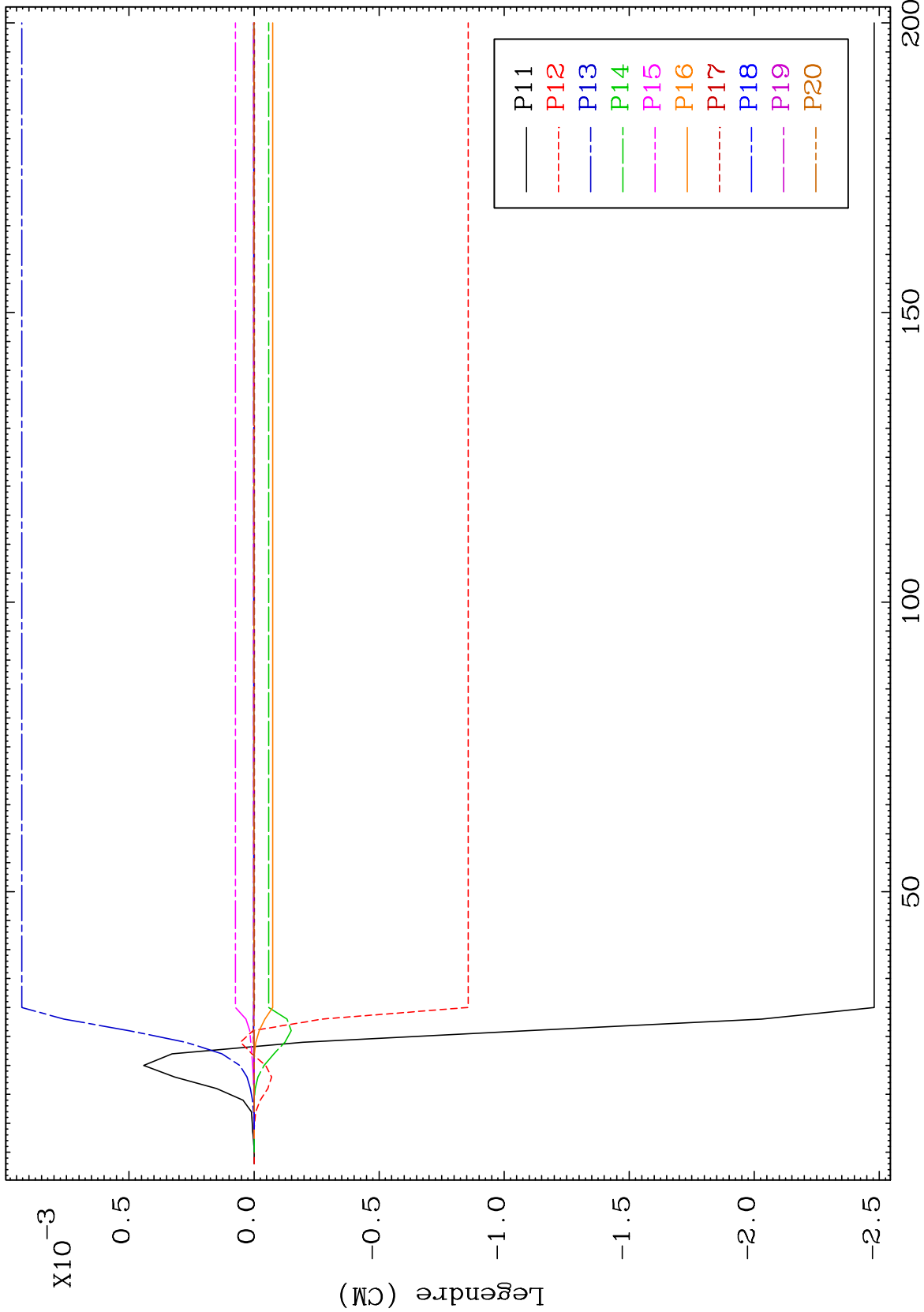
57-La-126



57-La-126

Incident Energy (MeV)

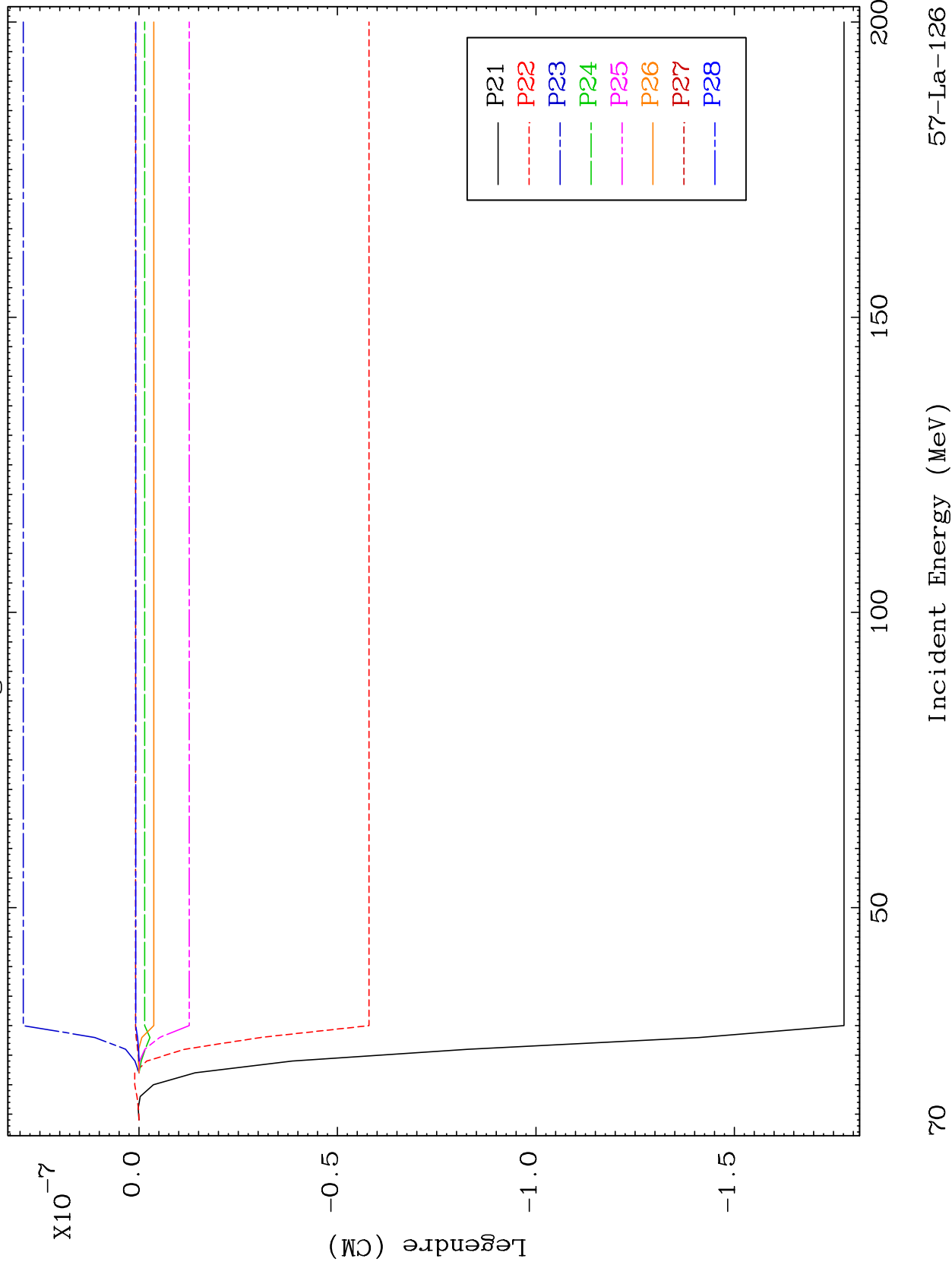
68



MAT 5689

57-La-126

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



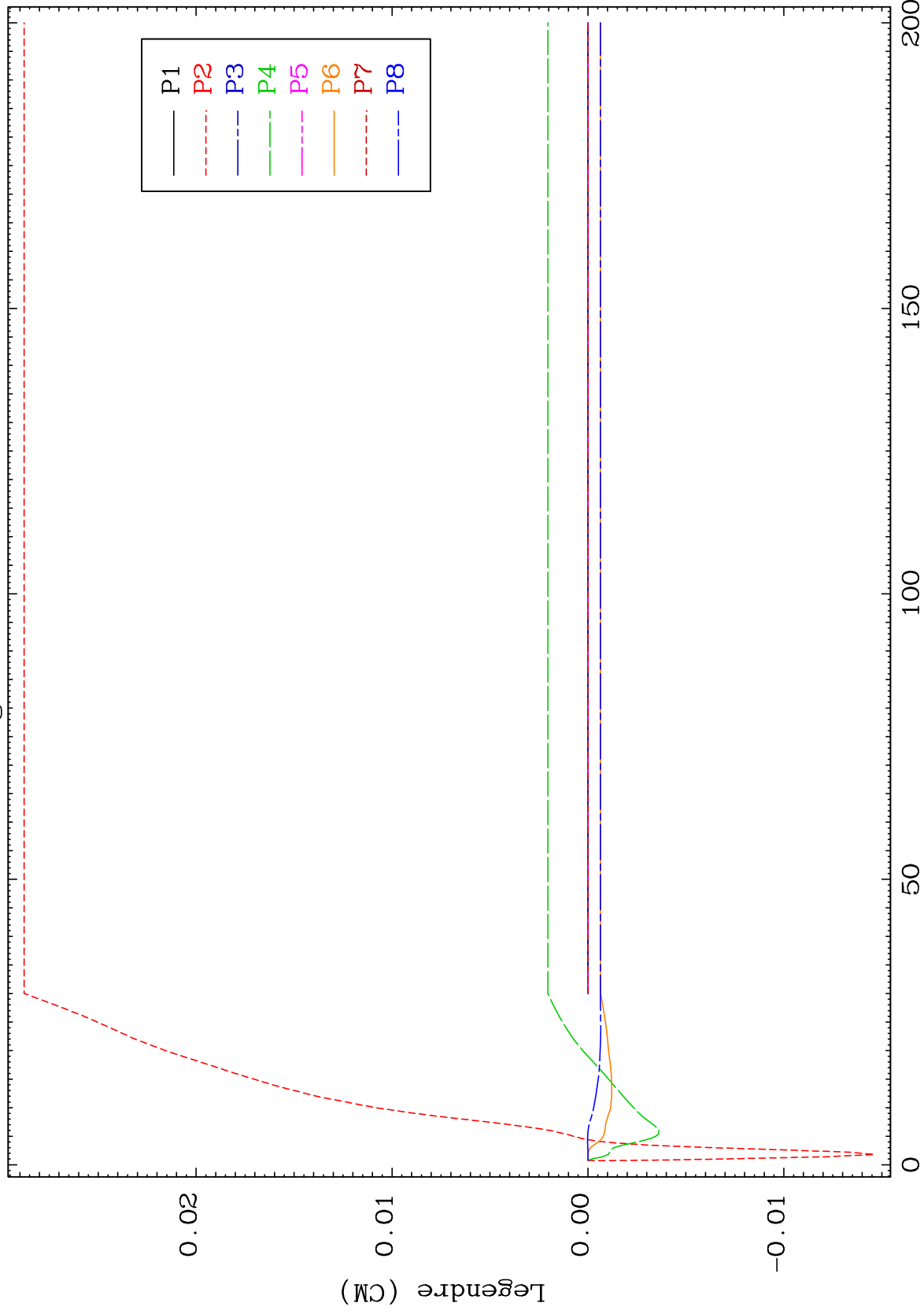
70

57-La-126

MAT 5689

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

57-La-126



71

Incident Energy (MeV)

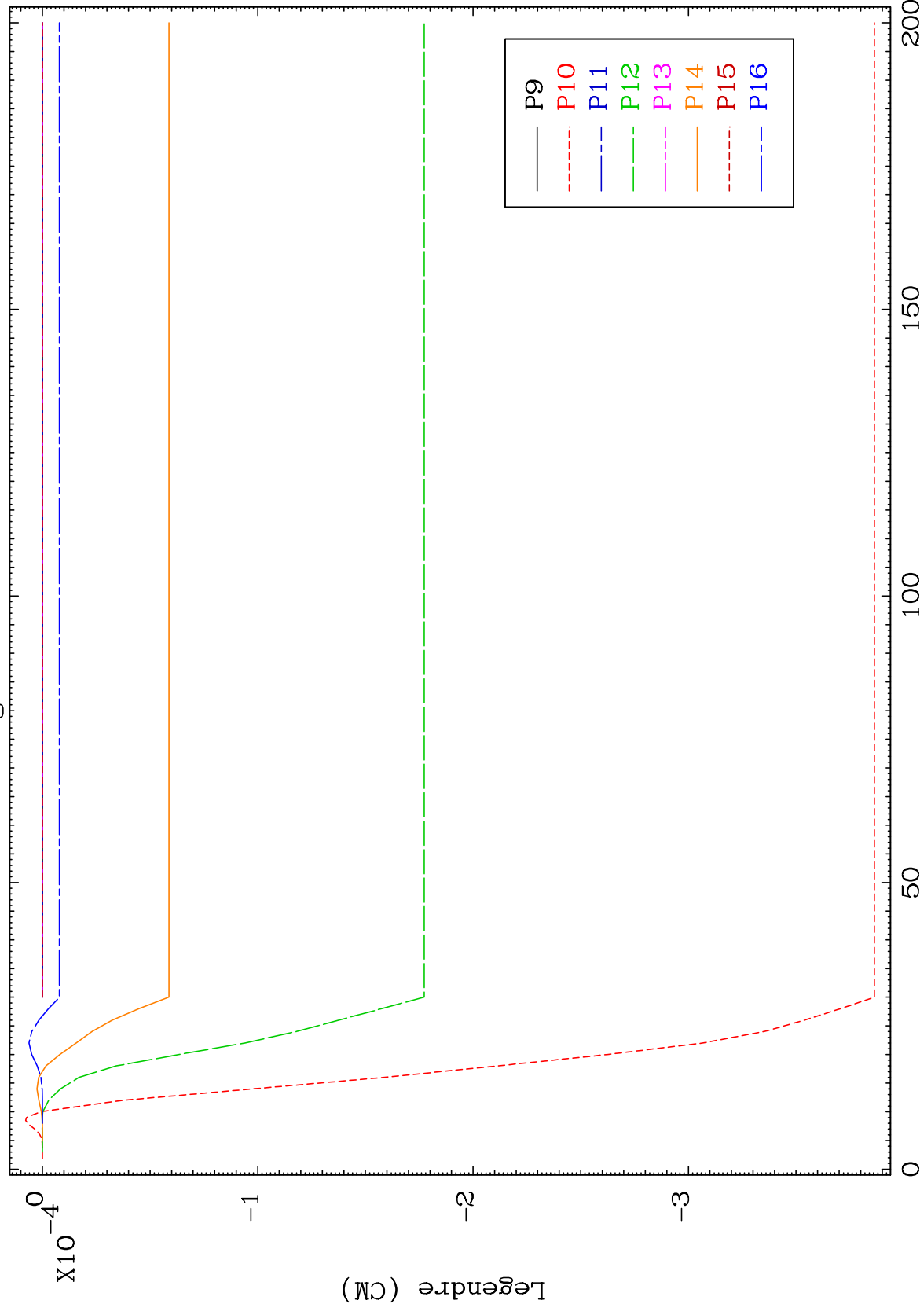
57-La-126



MAT 5689

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

57-La-126



72

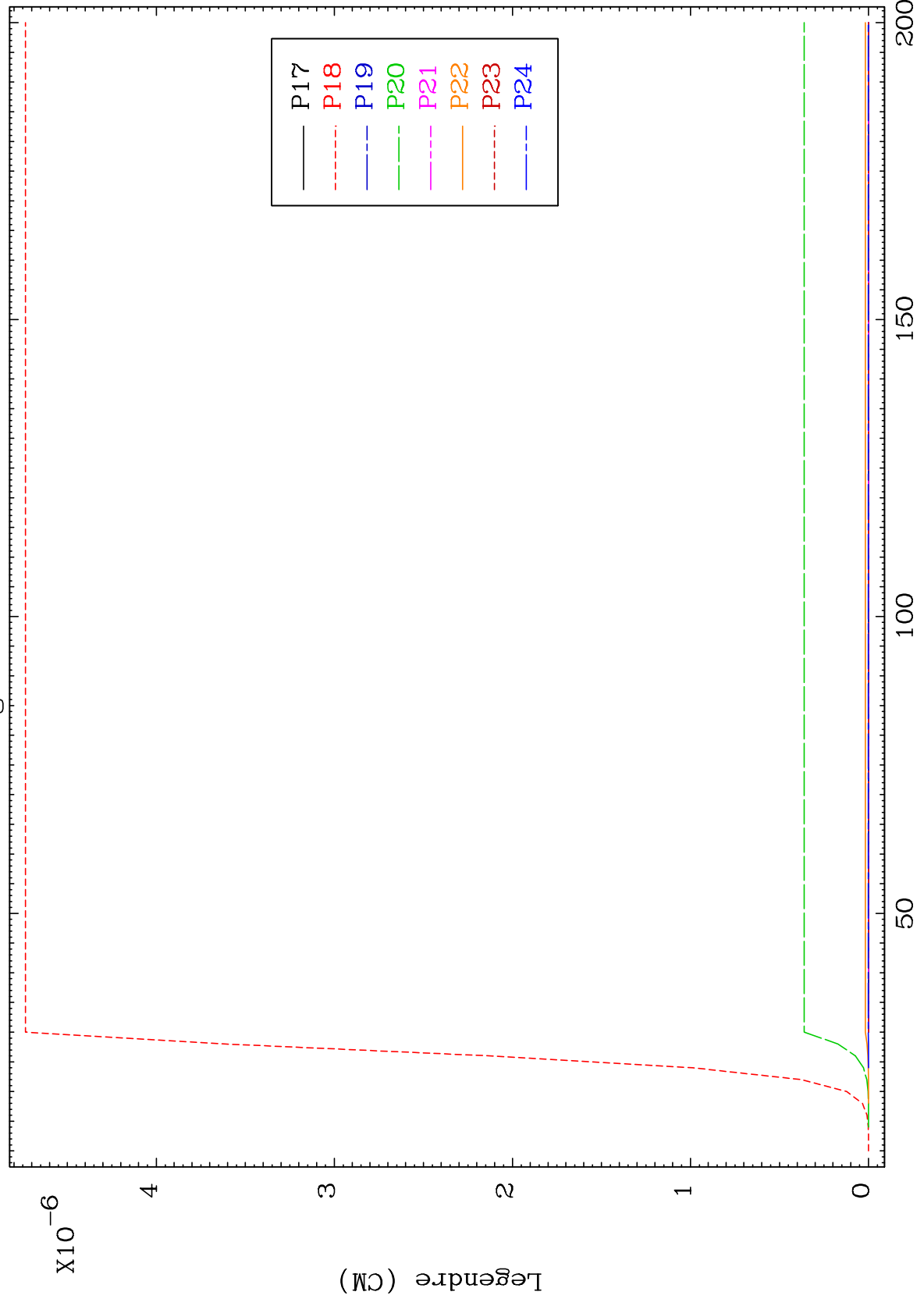
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

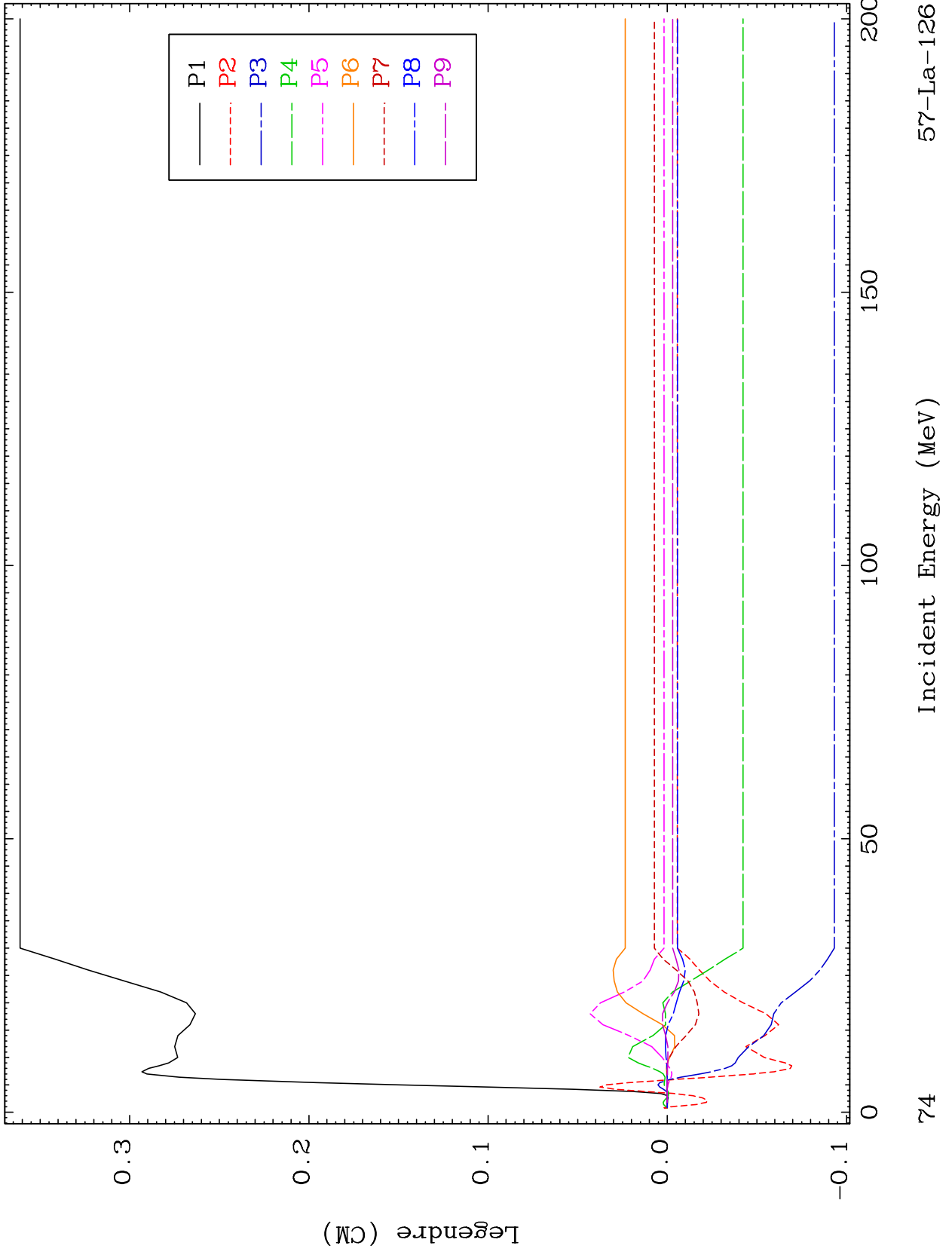
Incident Energy (MeV)

73

MAT 5689

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

57-La-126



74

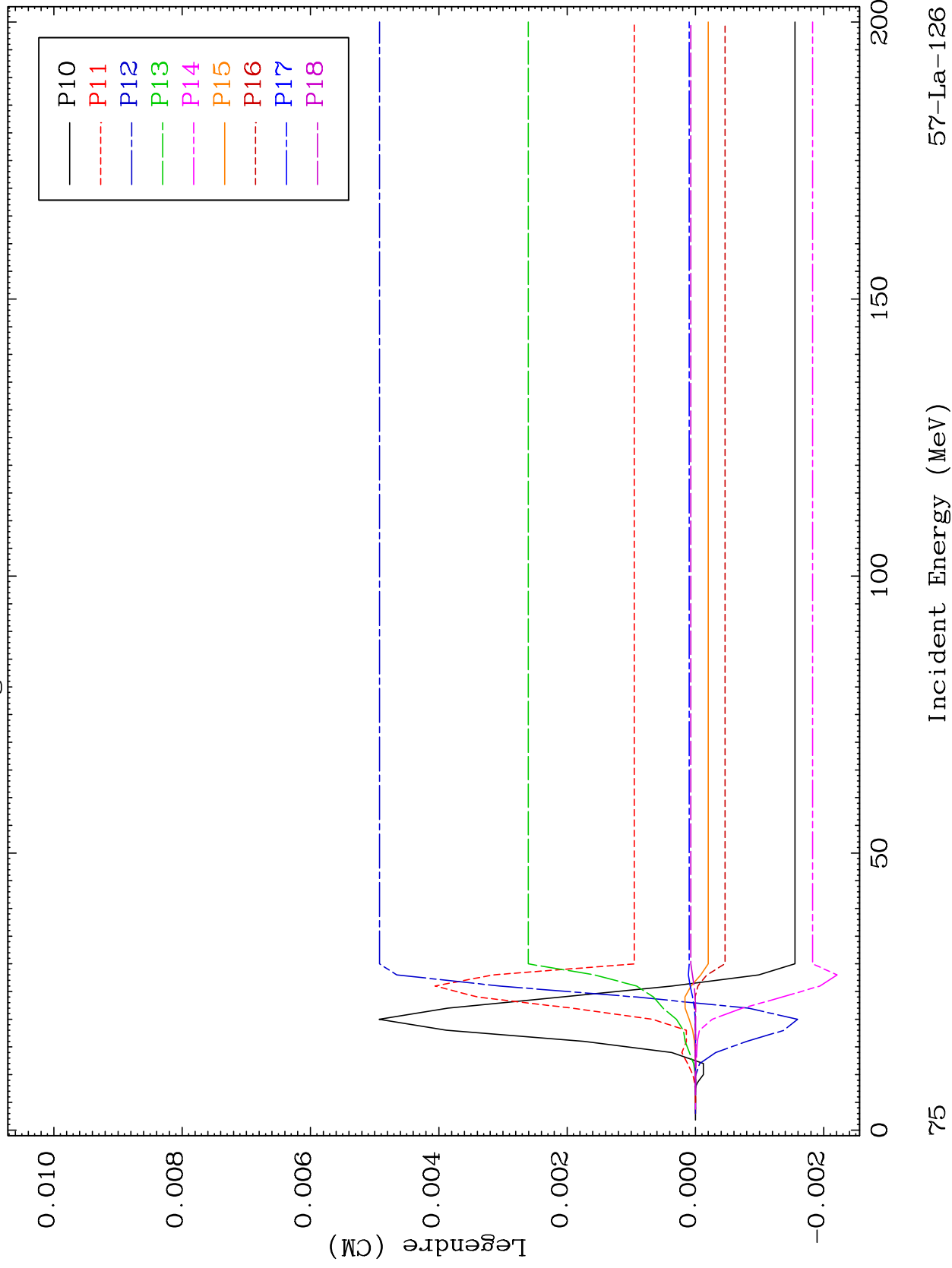
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

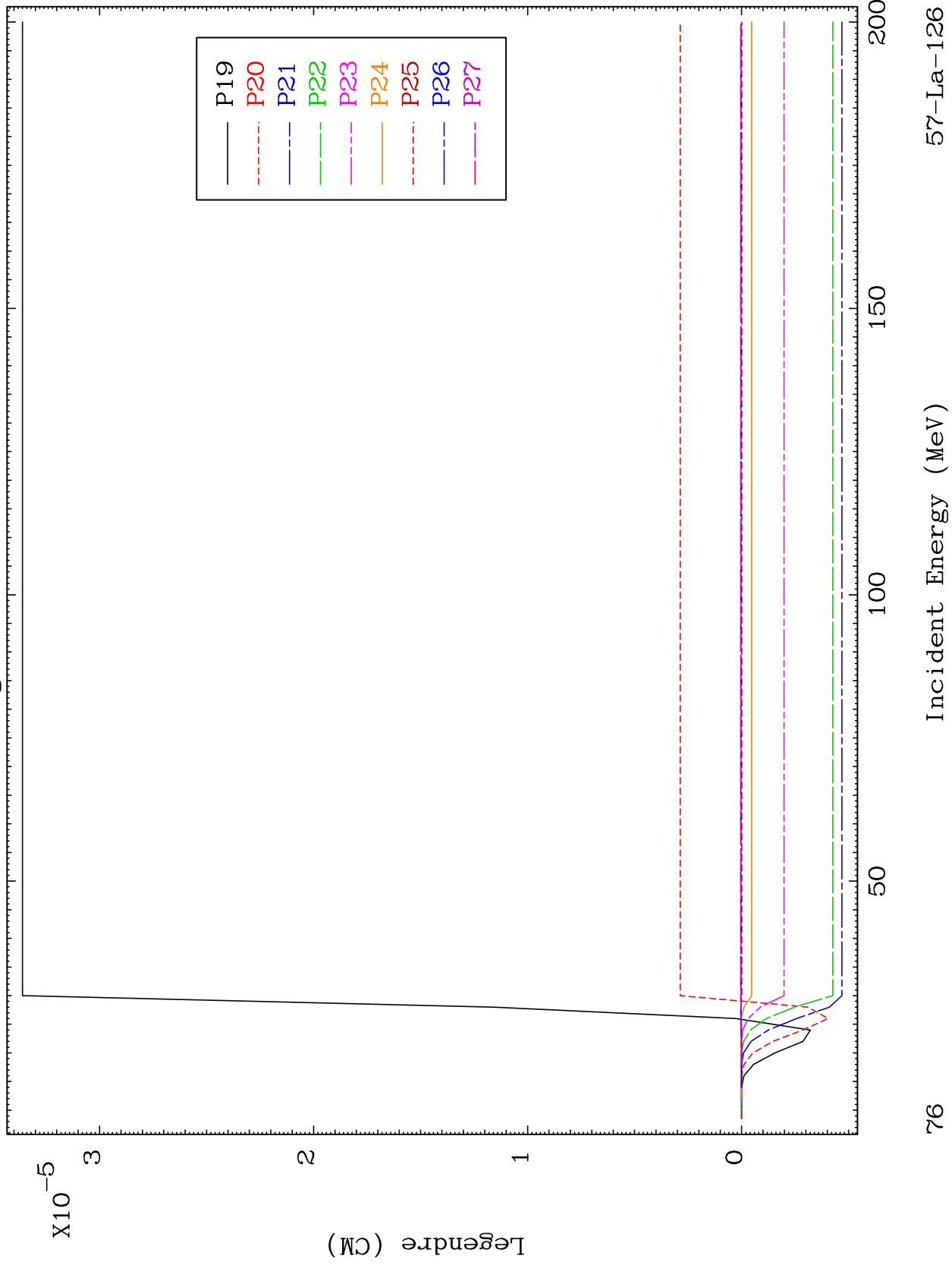
Incident Energy (MeV)

75

MAT 5689

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

57-La-126



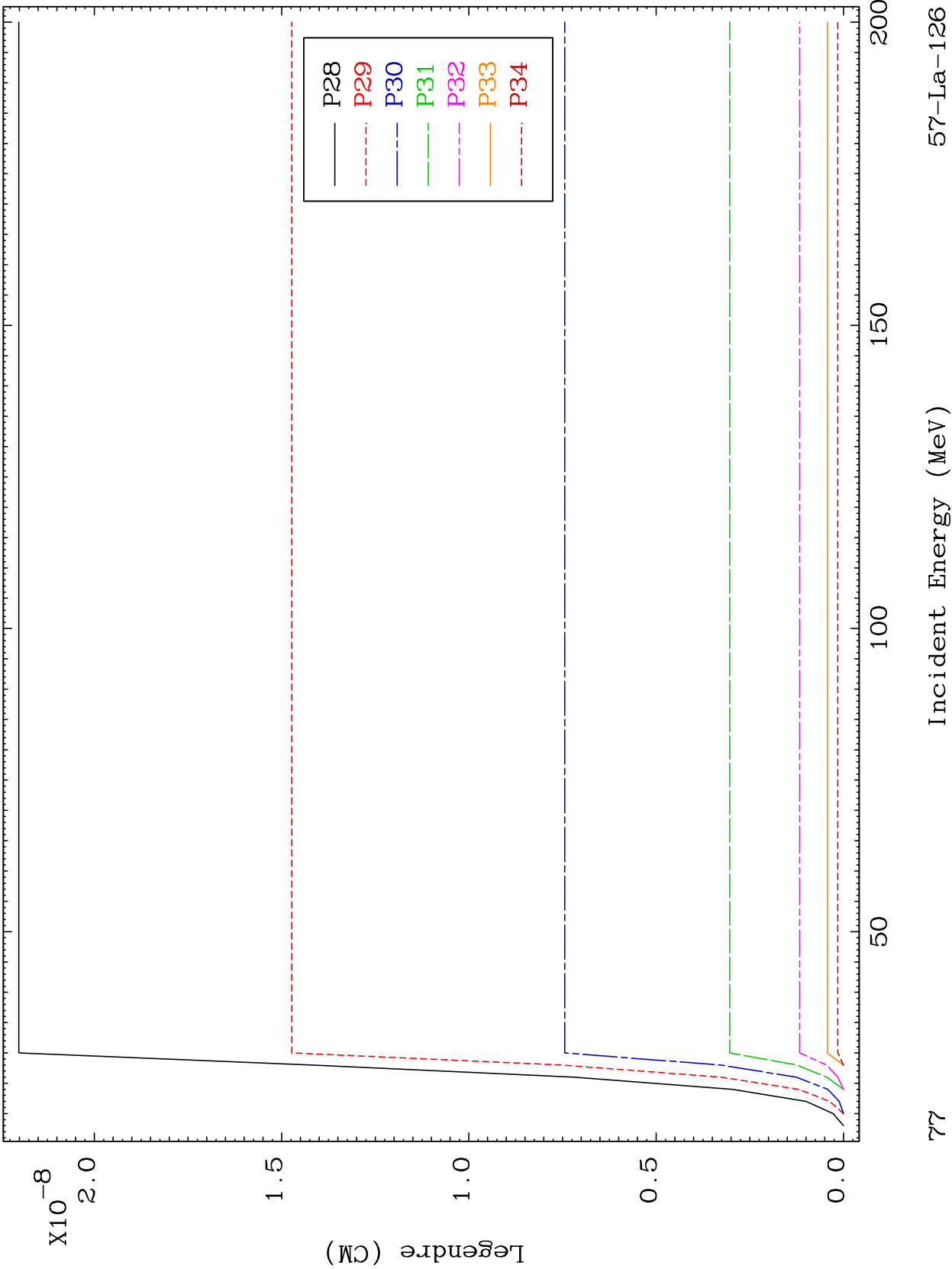
76

57-La-126

MAT 5689

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

57-La-126



77

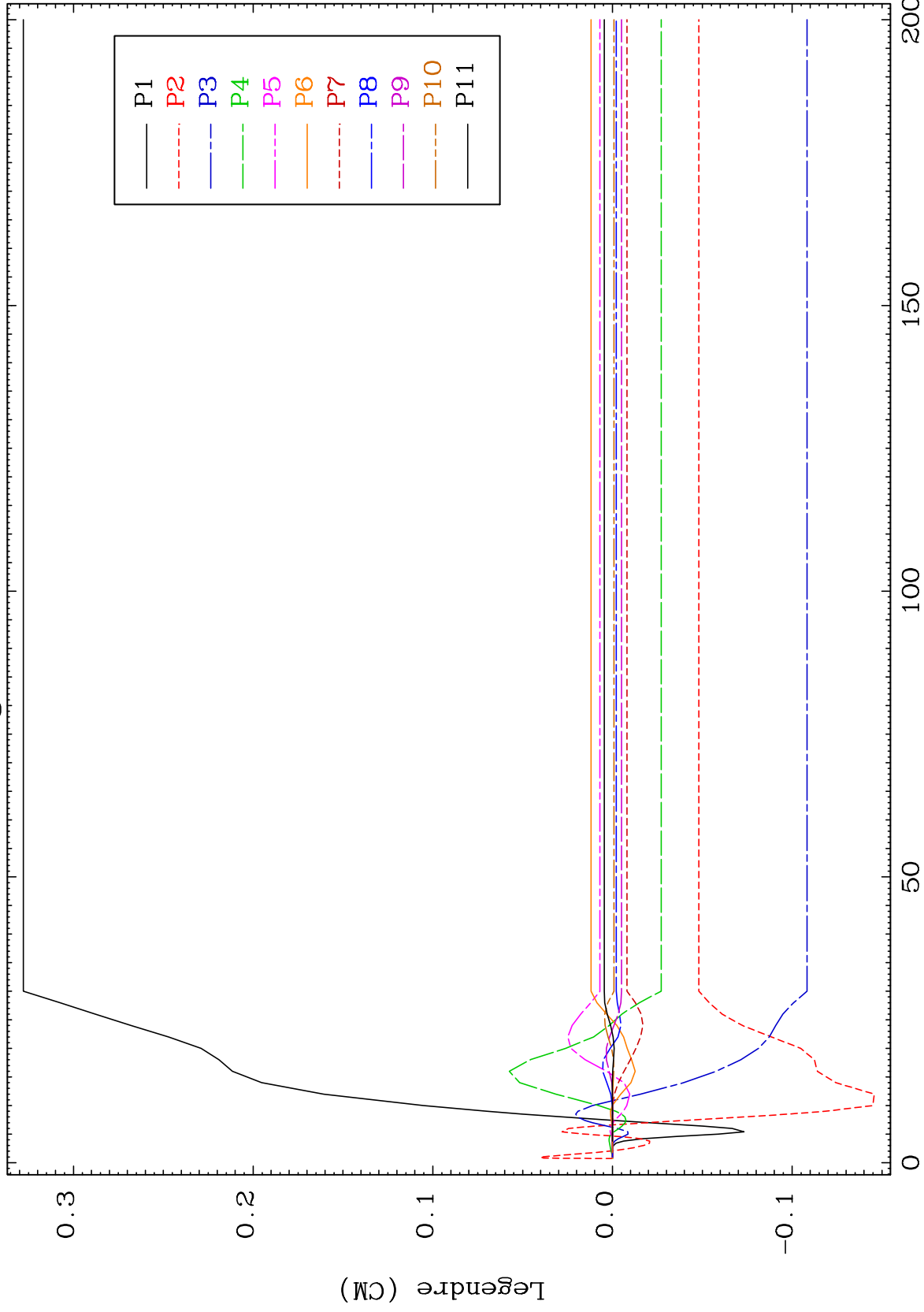
Incident Energy (MeV)

57-La-126

MAT 5689

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

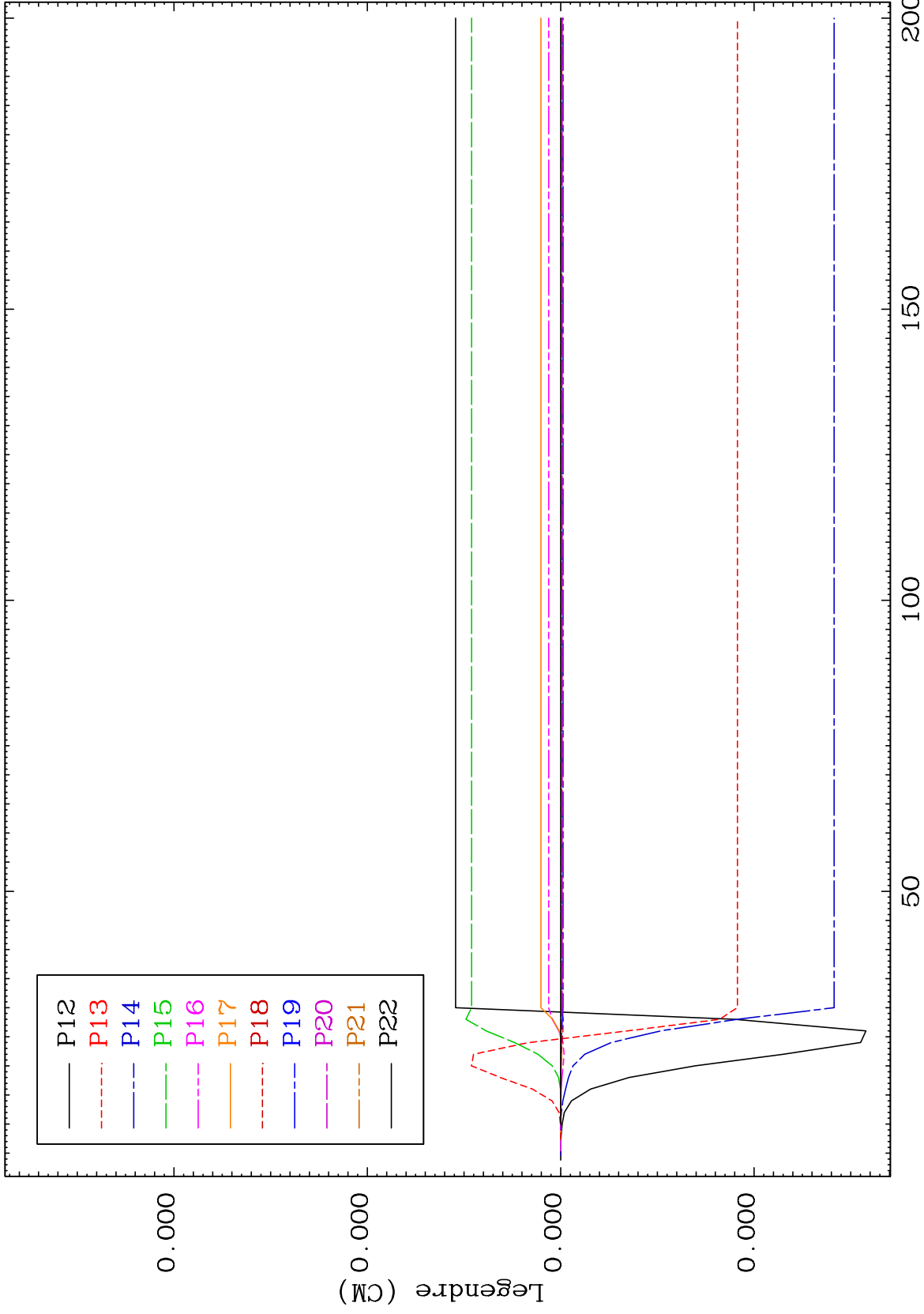
57-La-126



78

Incident Energy (MeV)

57-La-126

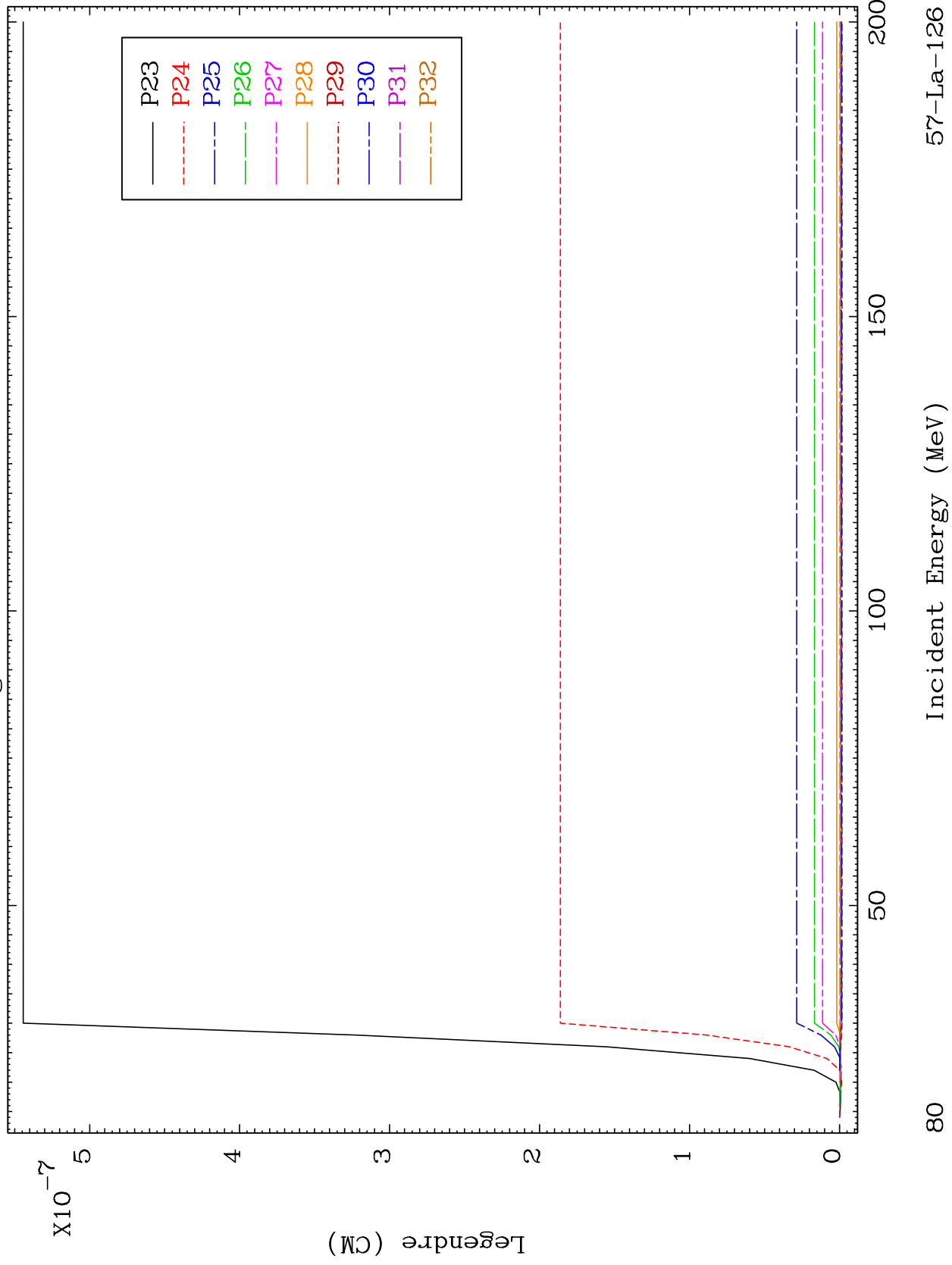




MAT 5689

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

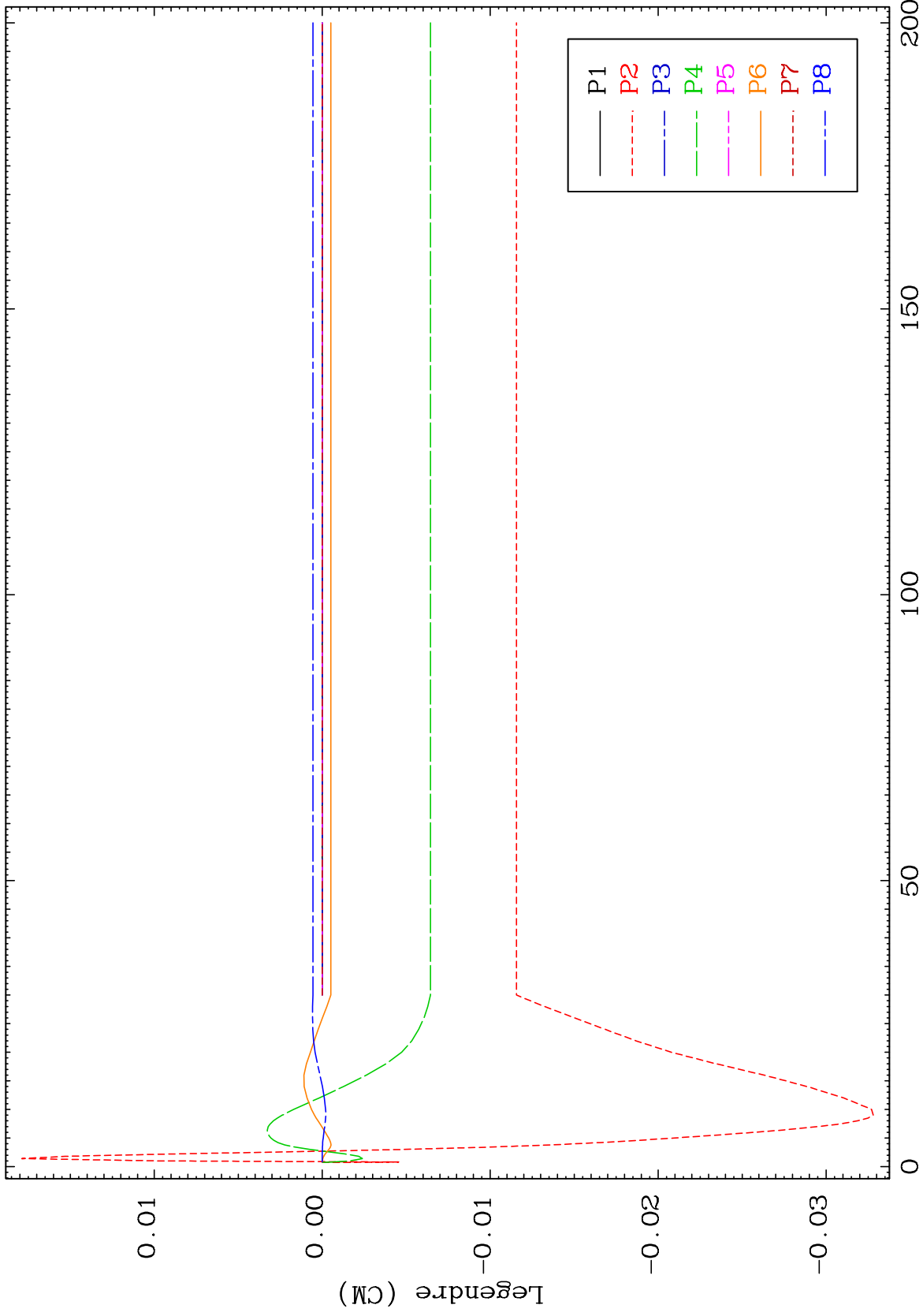
57-La-126



MAT 5689

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

57-La-126



81

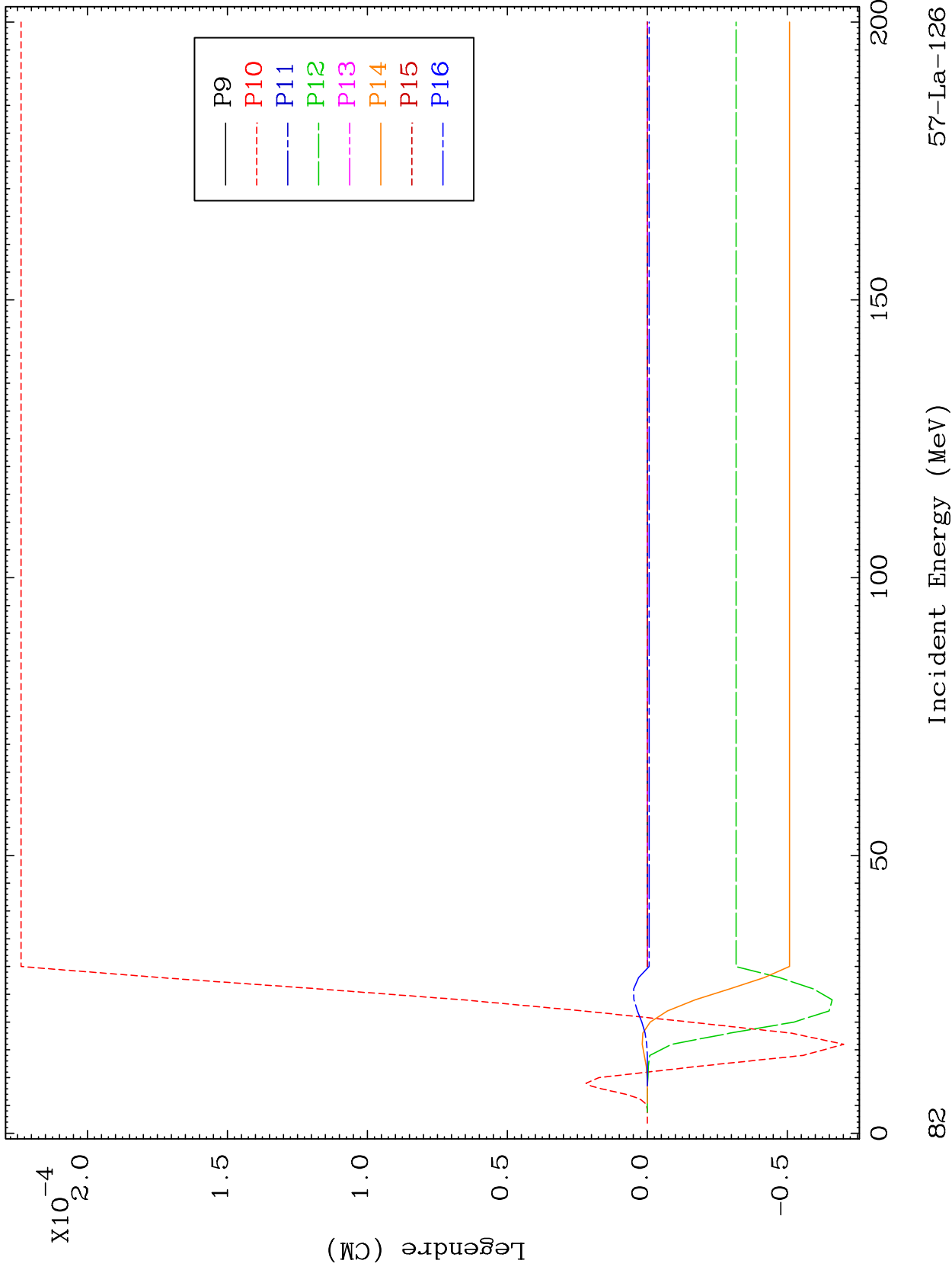
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

Incident Energy (MeV)

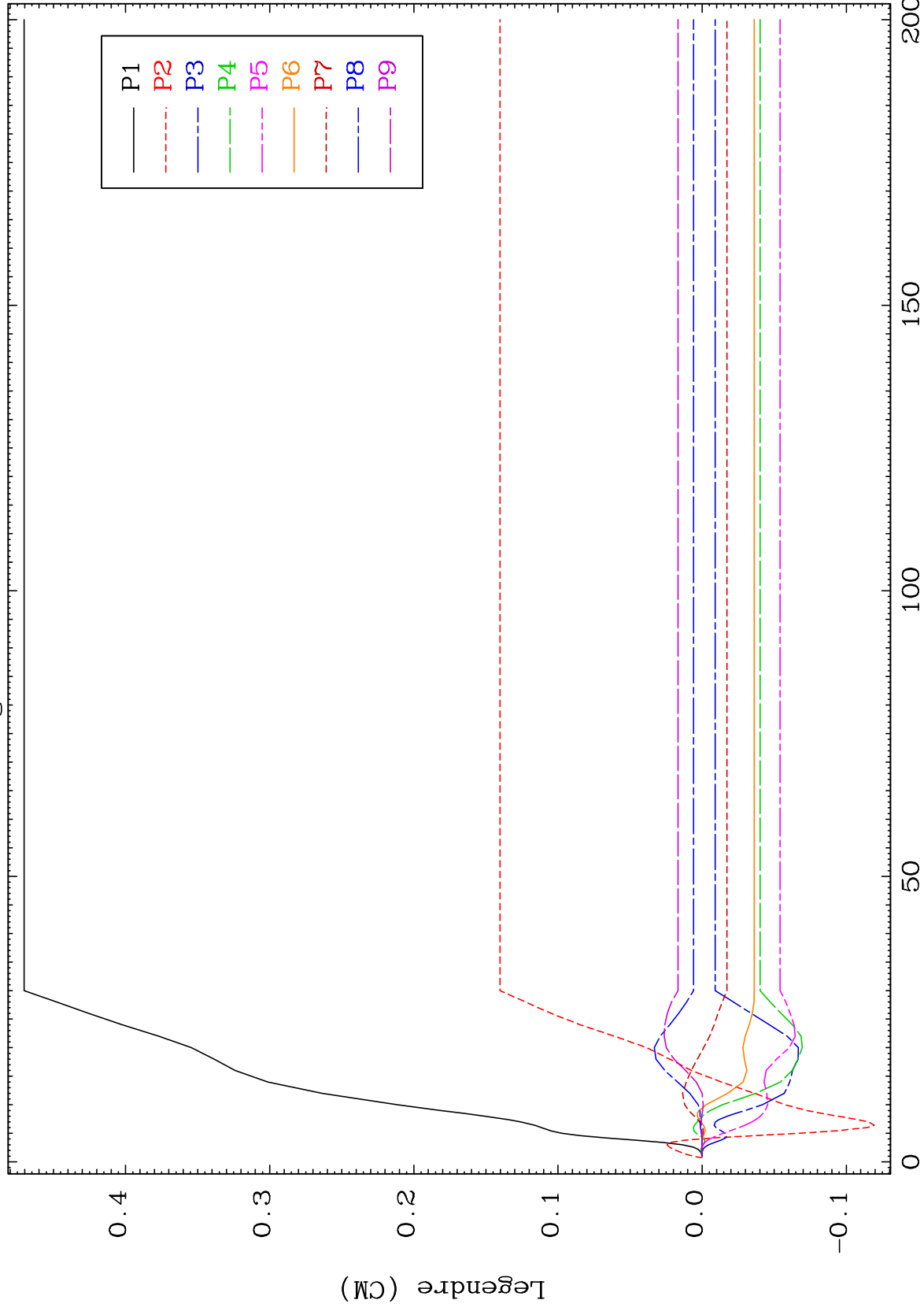
82



MAT 5689

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

57-La-126



84

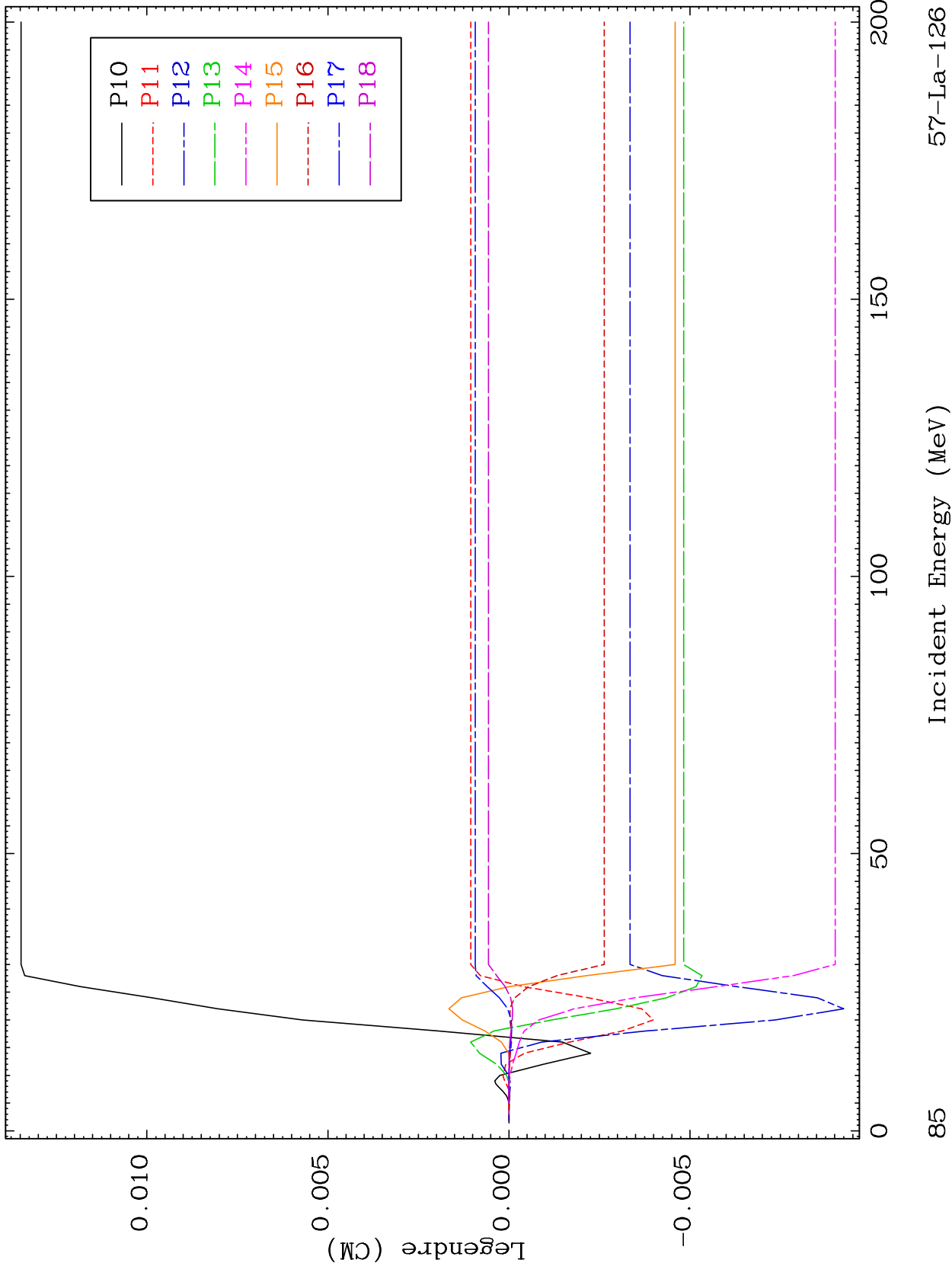
Incident Energy (MeV)

57-La-126

MAT 5689

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

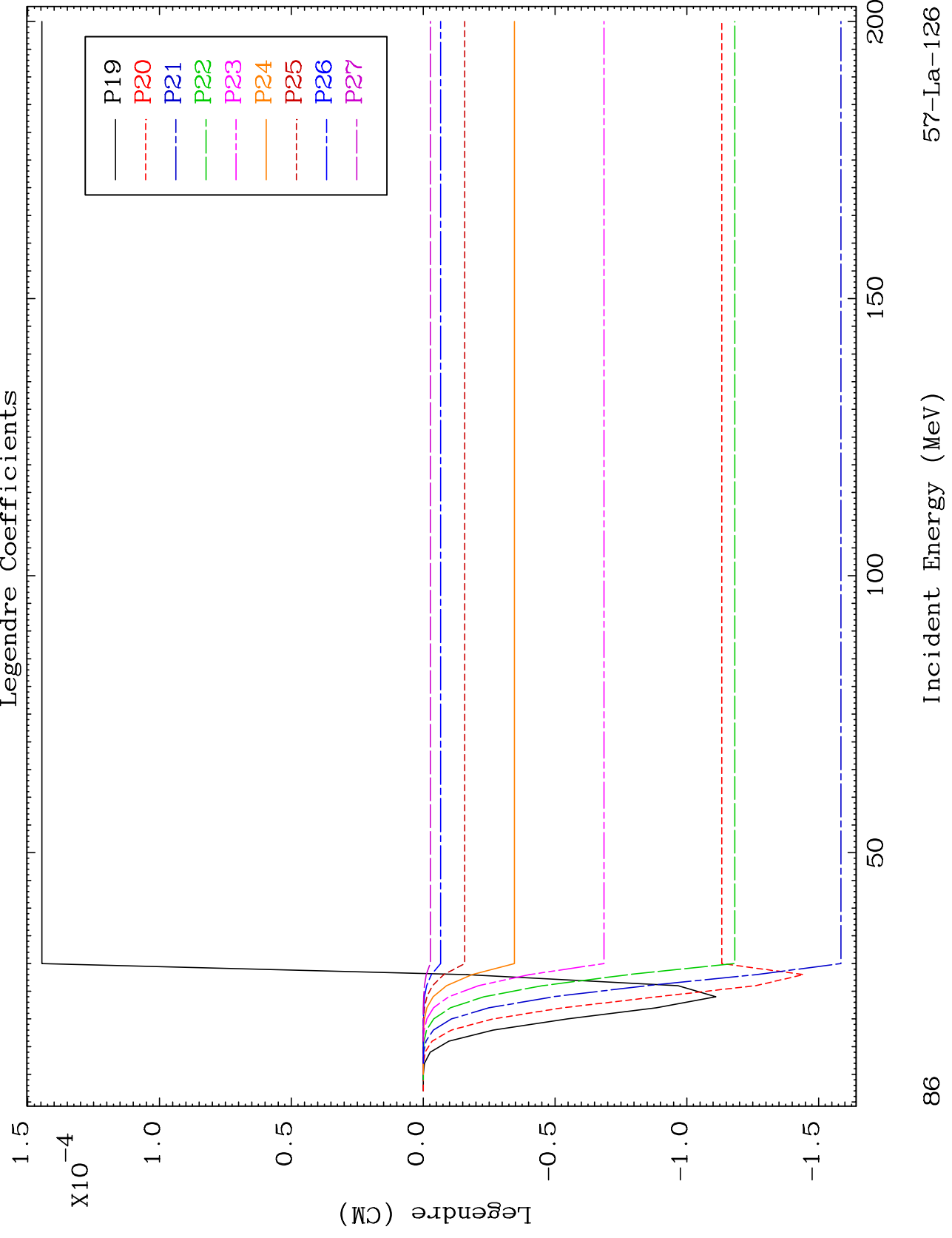
57-La-126

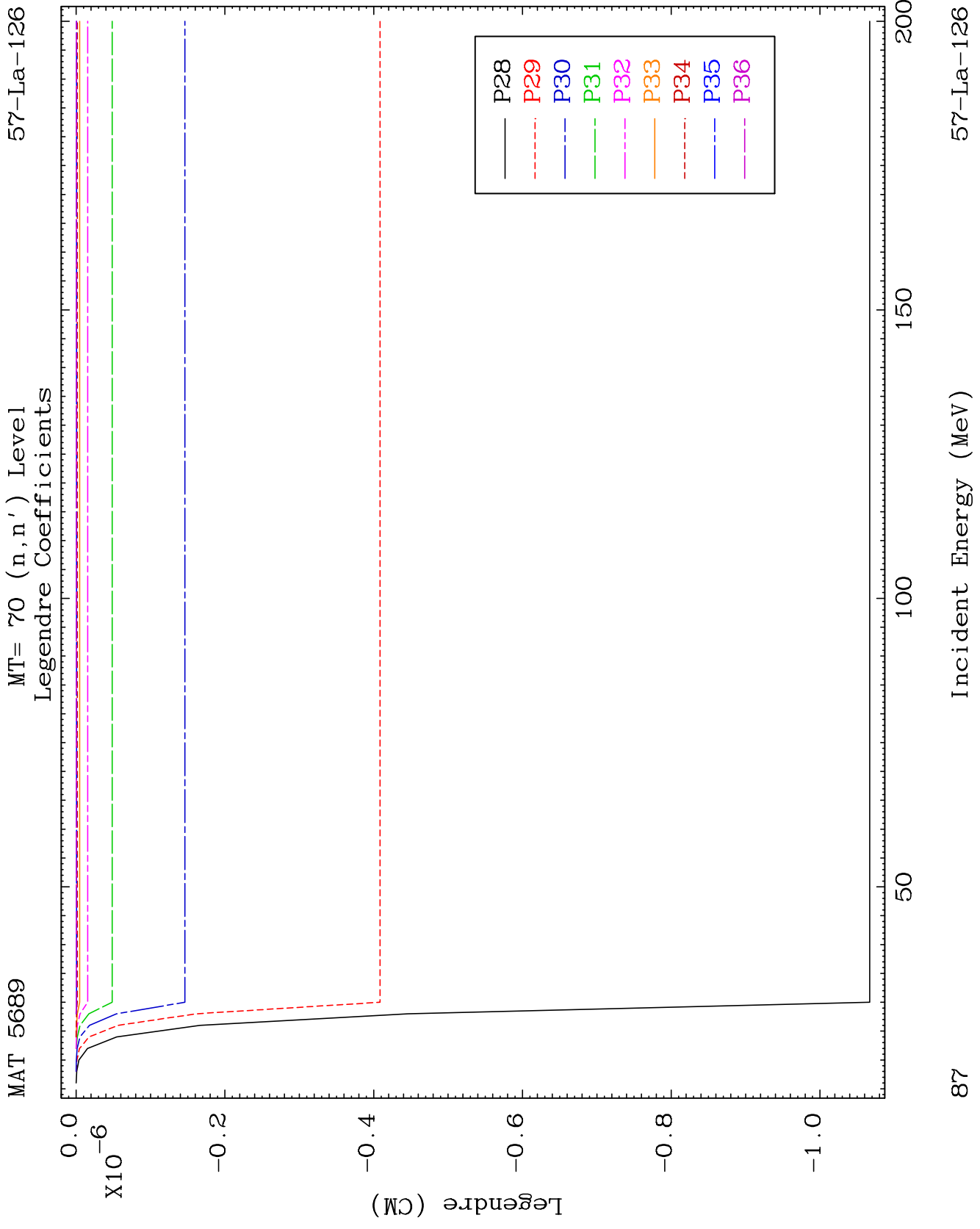


57-La-126

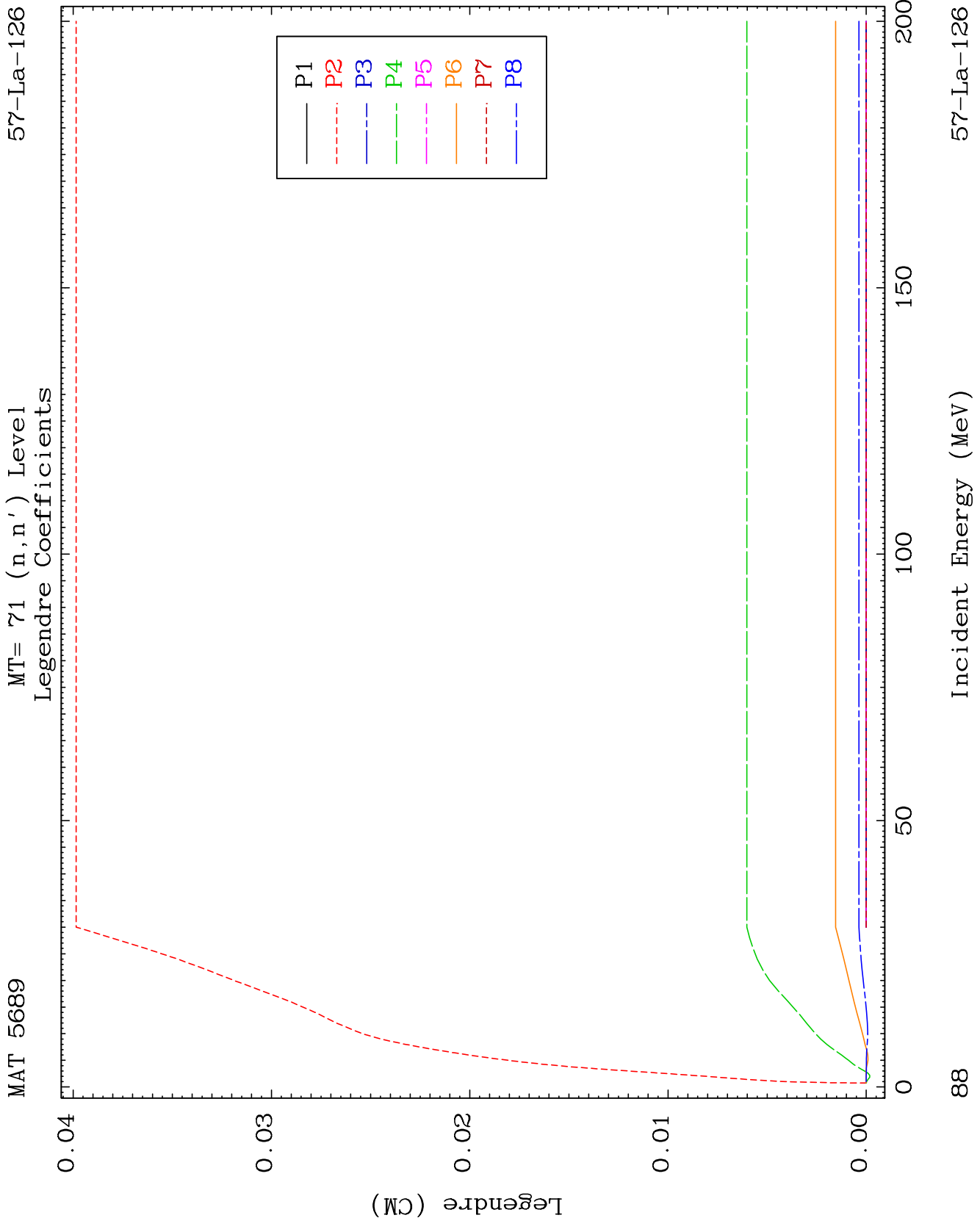
Incident Energy (MeV)

85





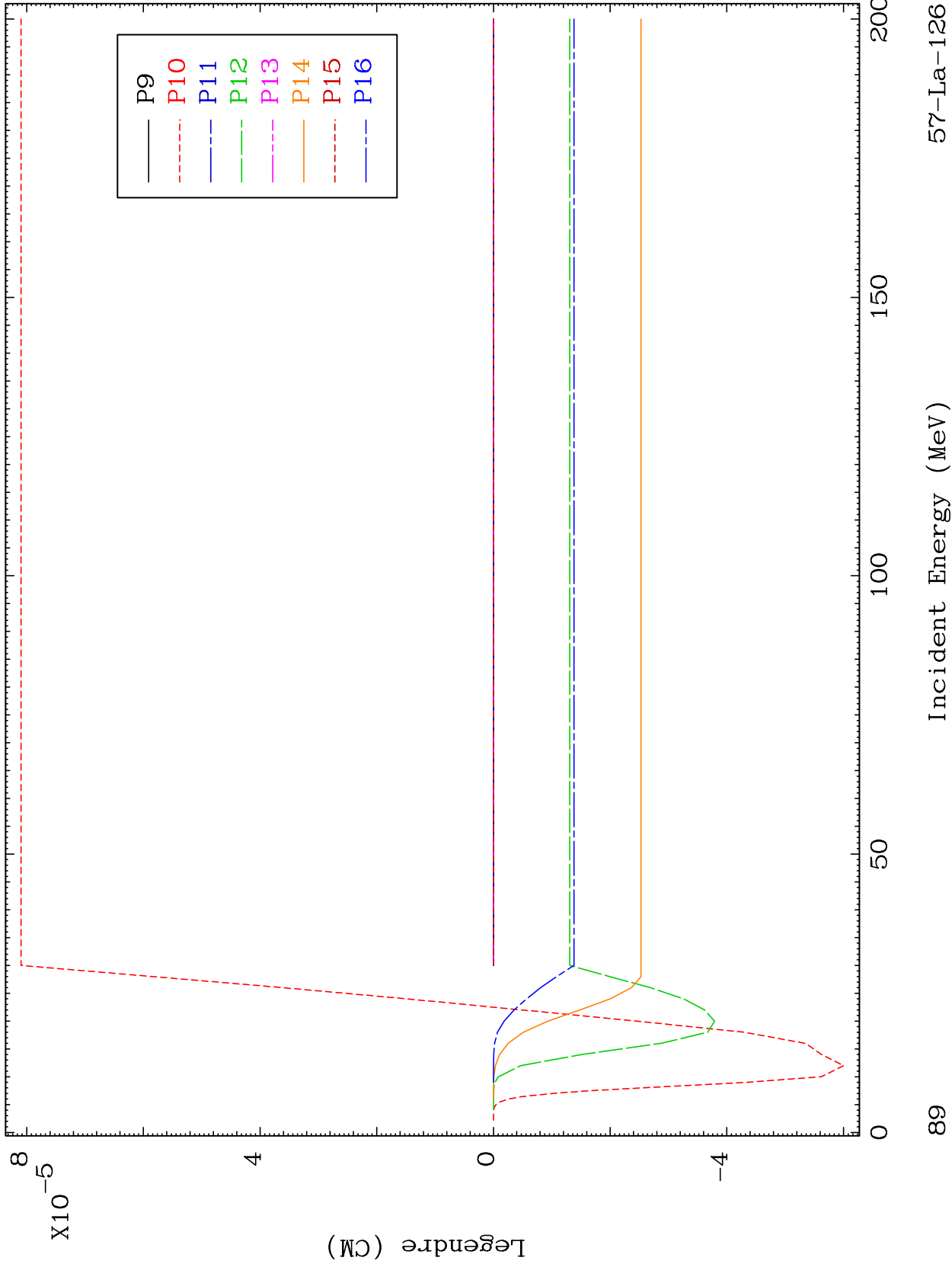




MAT 5689

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

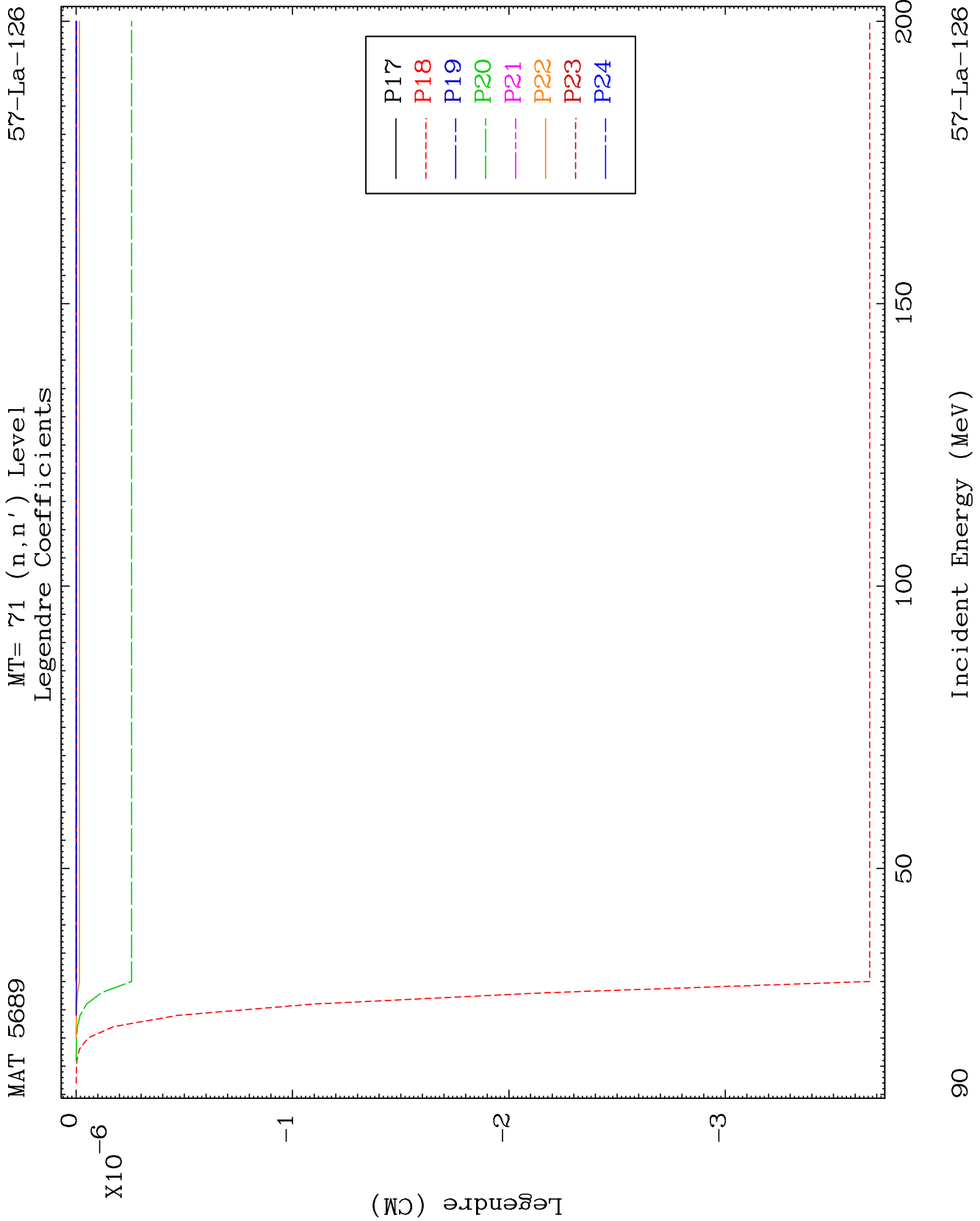
57-La-126

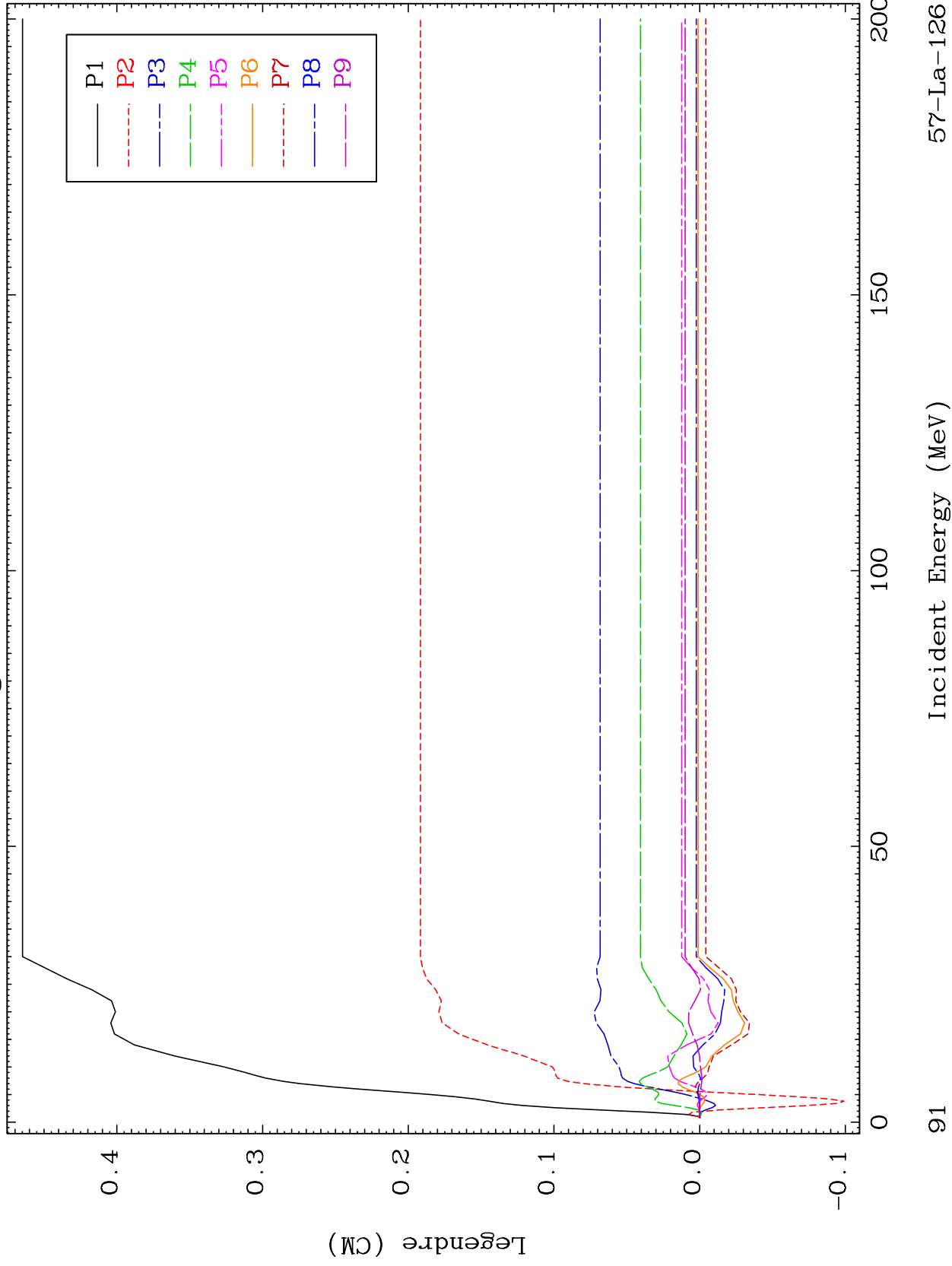


57-La-126

Incident Energy (MeV)

89

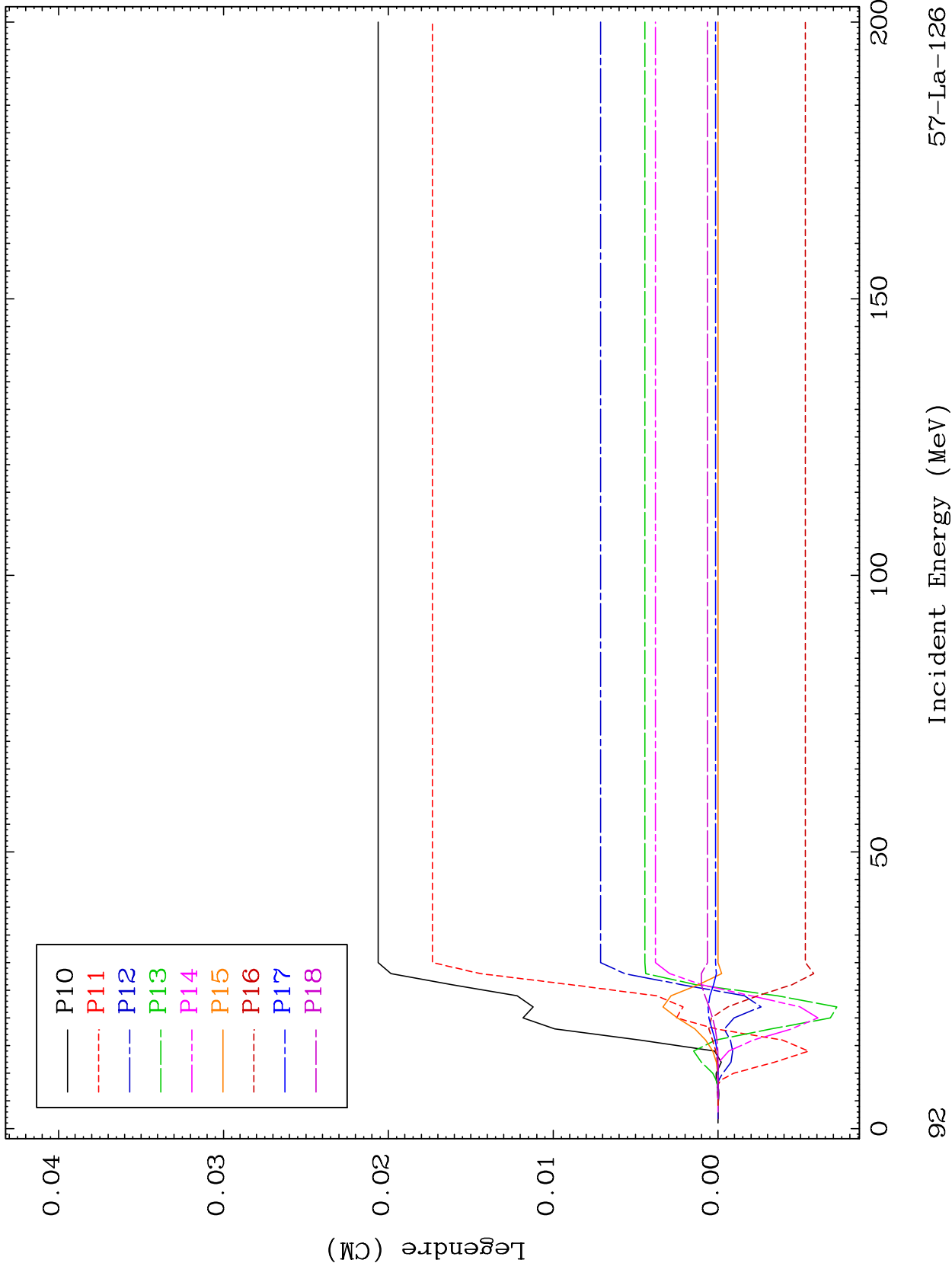




MAT 5689

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

57-La-126



57-La-126

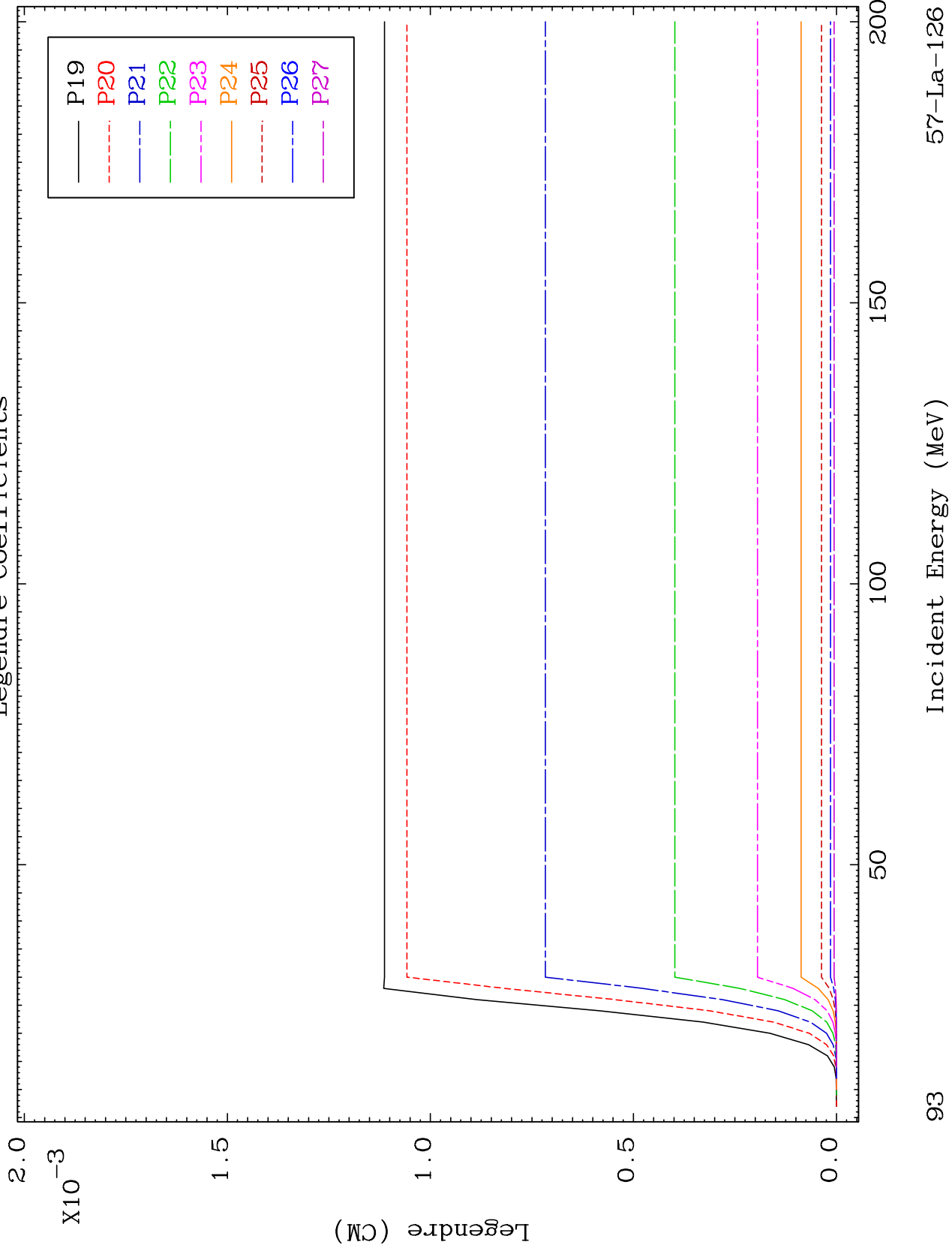
Incident Energy (MeV)

92

MAT 5689

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

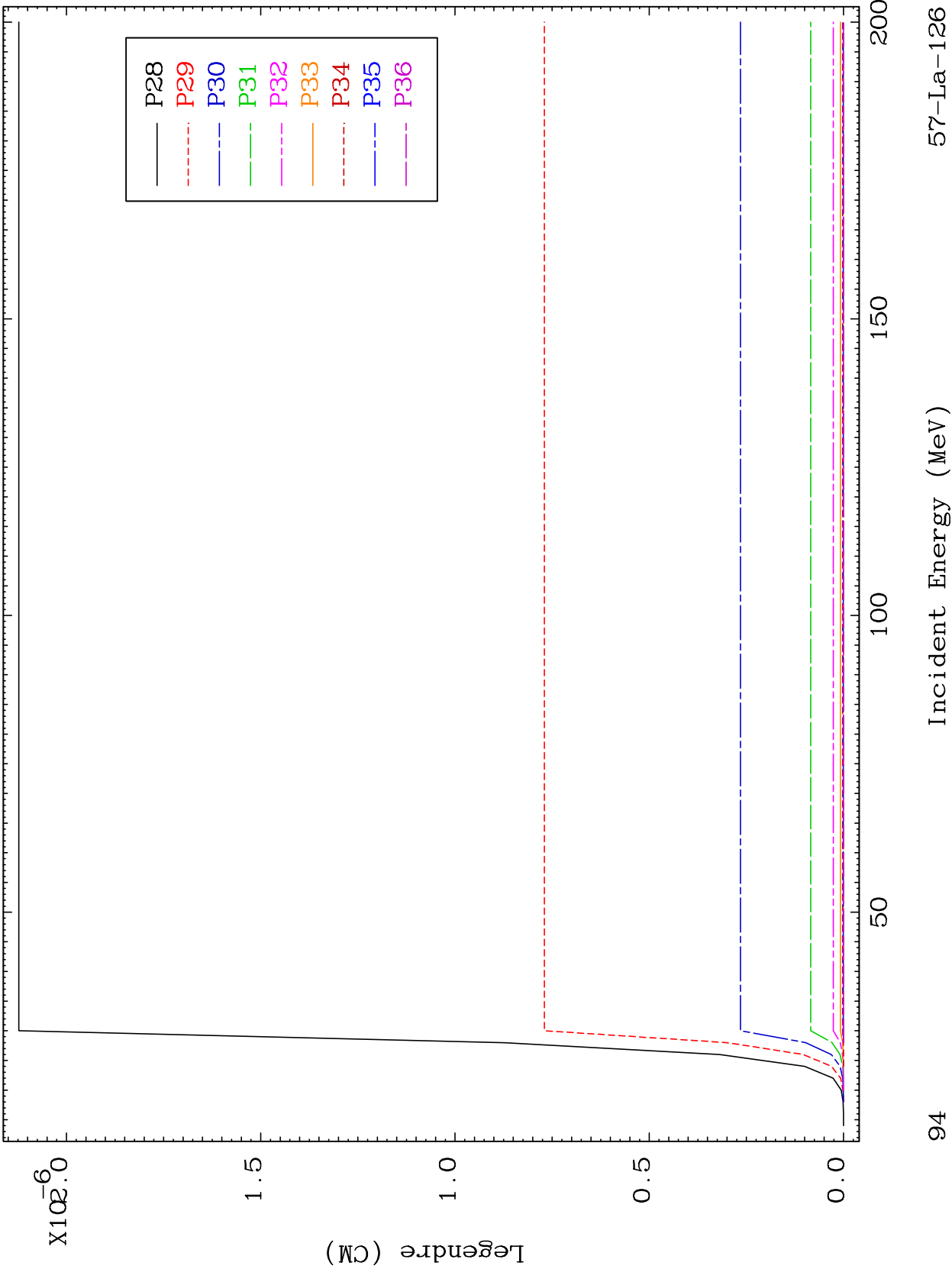
57-La-126



93

Incident Energy (MeV)

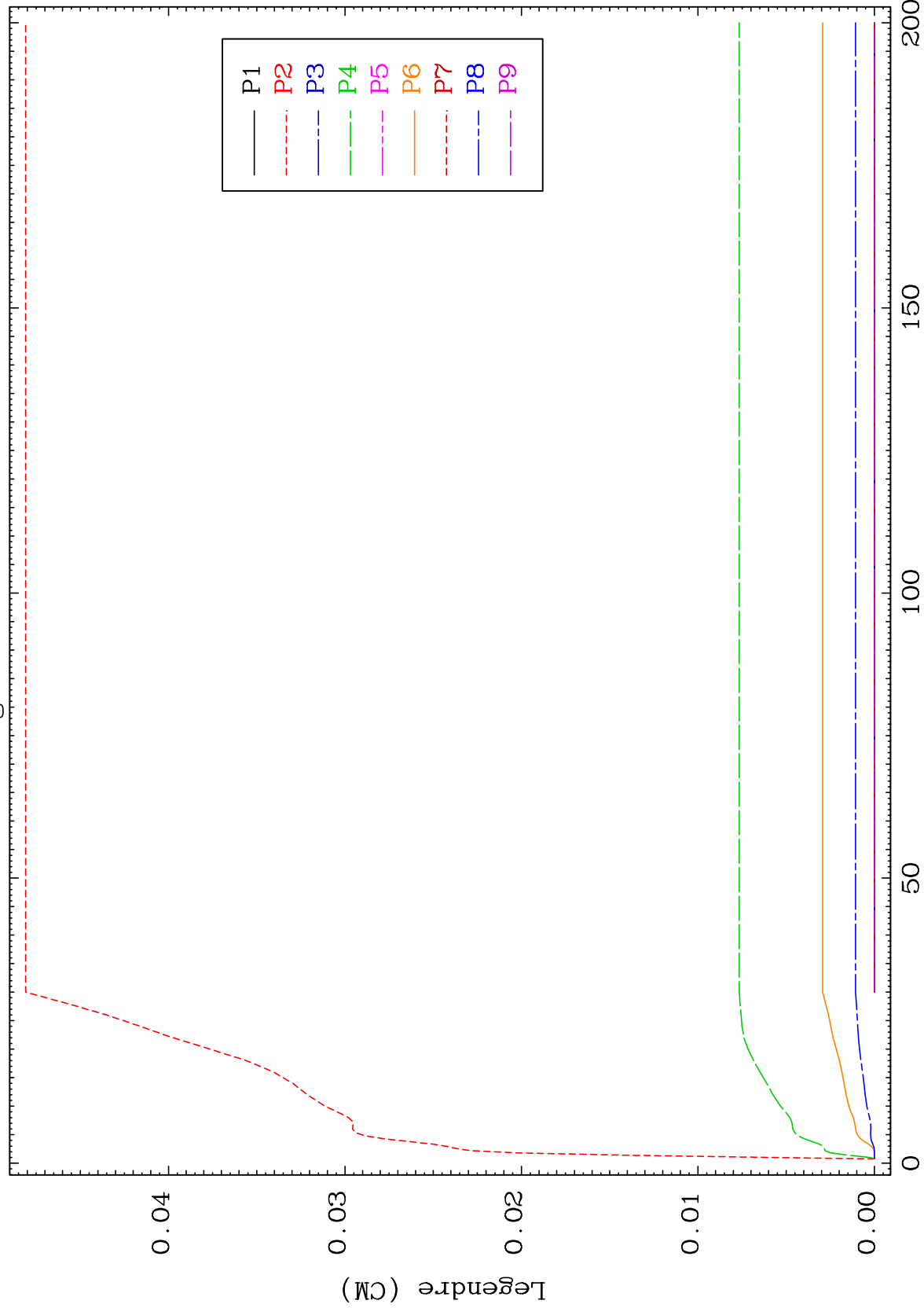
57-La-126



MAT 5689

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

57-La-126



57-La-126

Incident Energy (MeV)

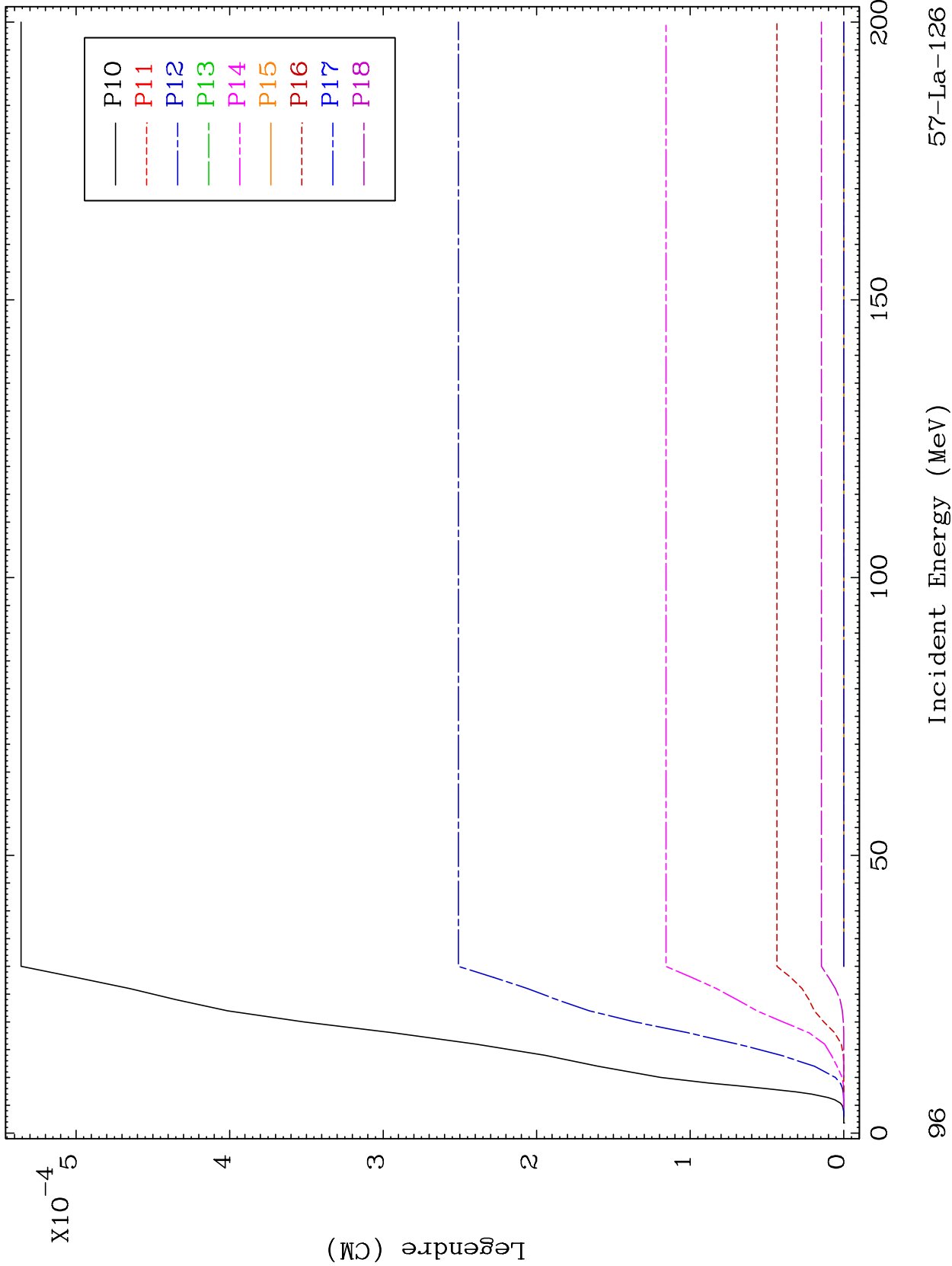
95



MAT 5689

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

57-La-126



57-La-126

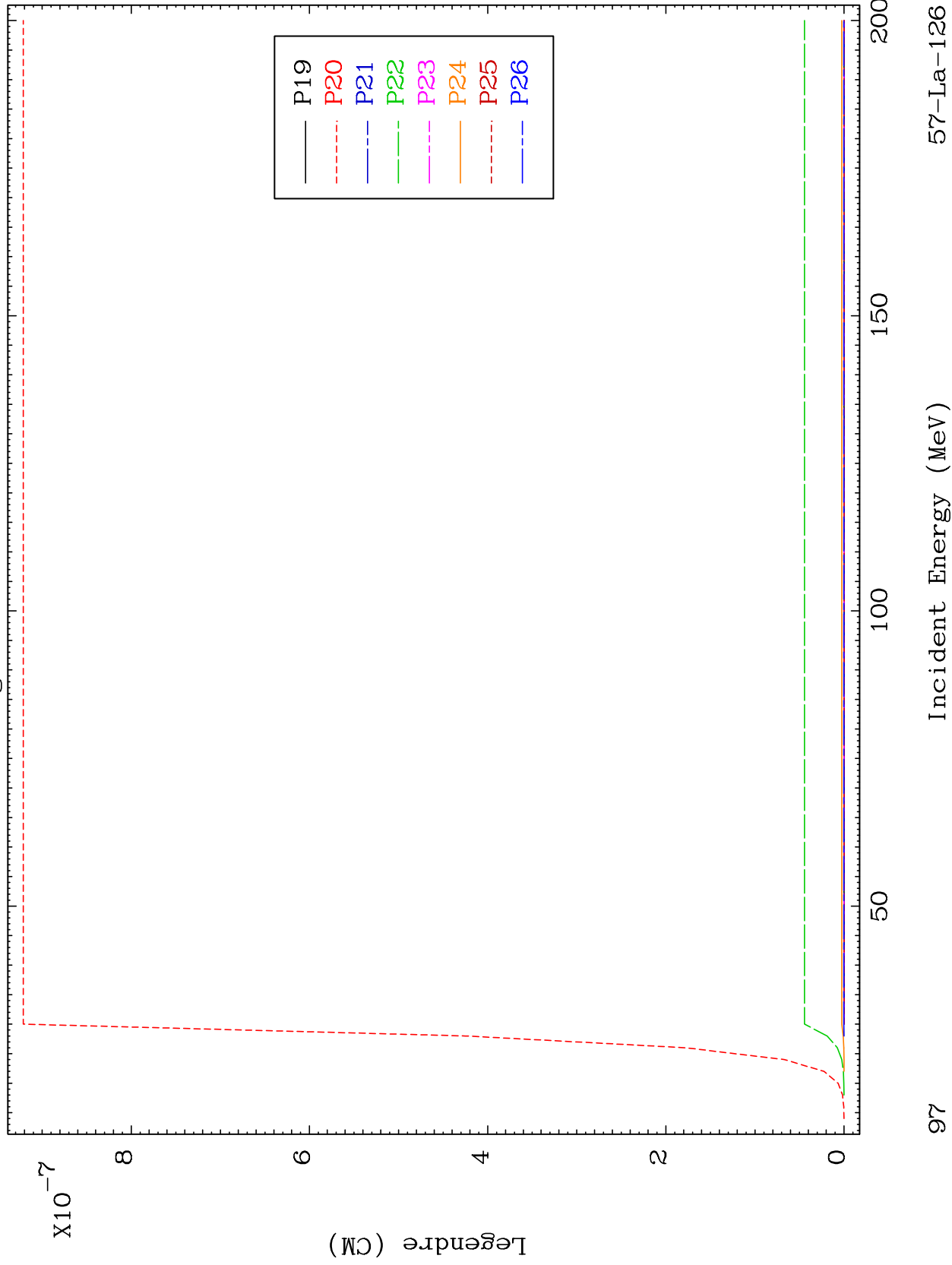
Incident Energy (MeV)

96

MAT 5689

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

57-La-126



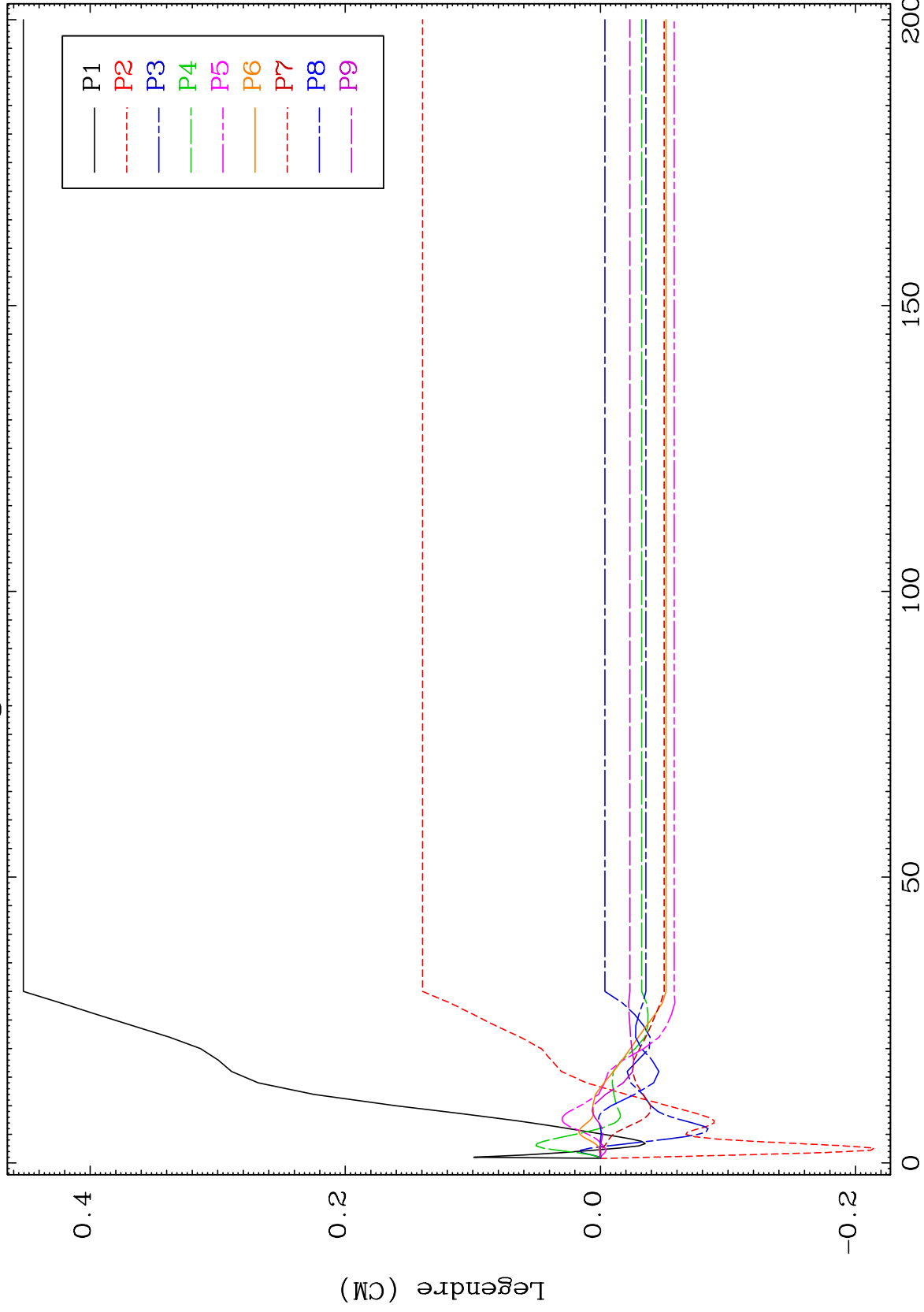
97

57-La-126

MAT 5689

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

57-La-126



98

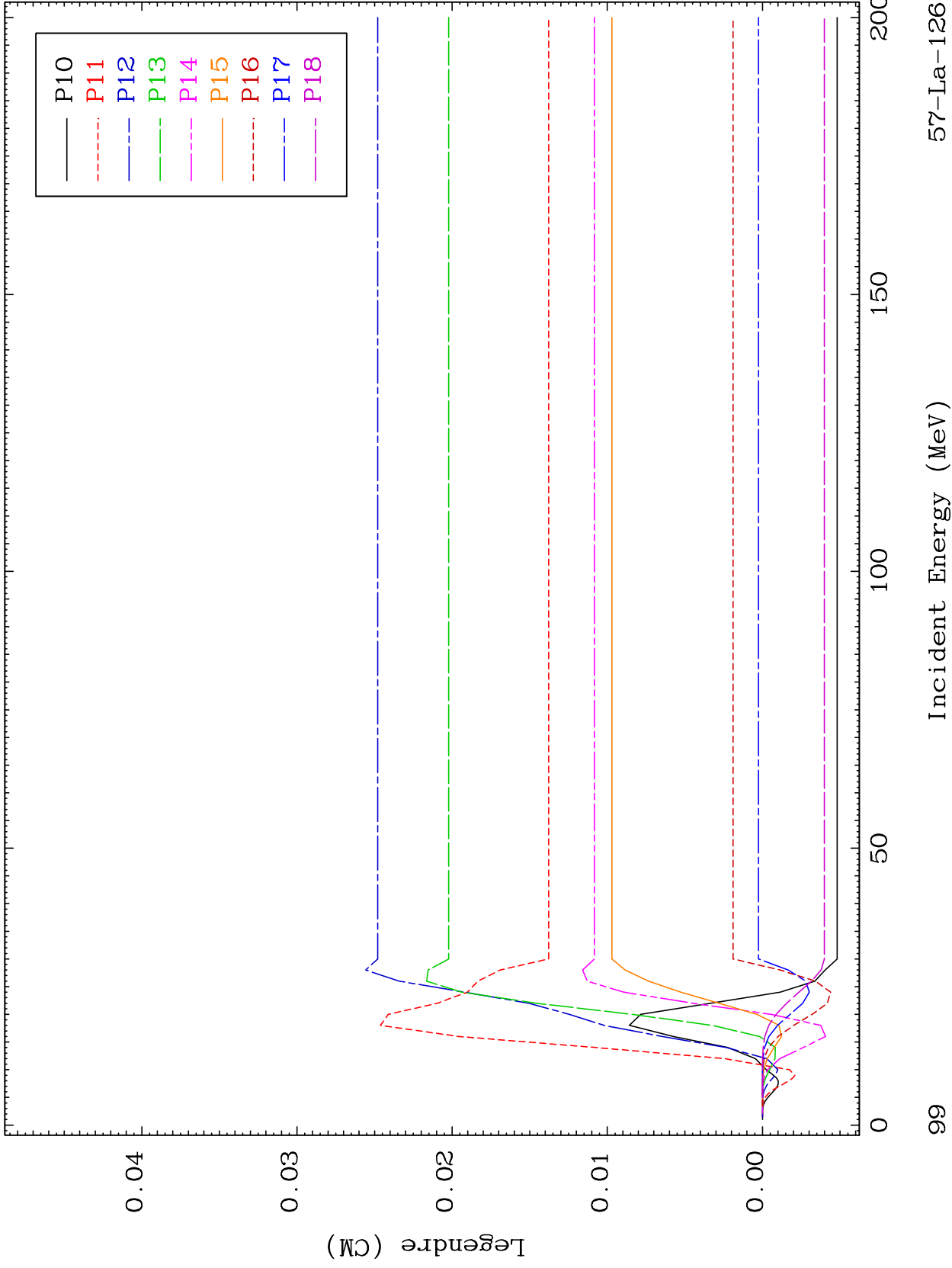
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

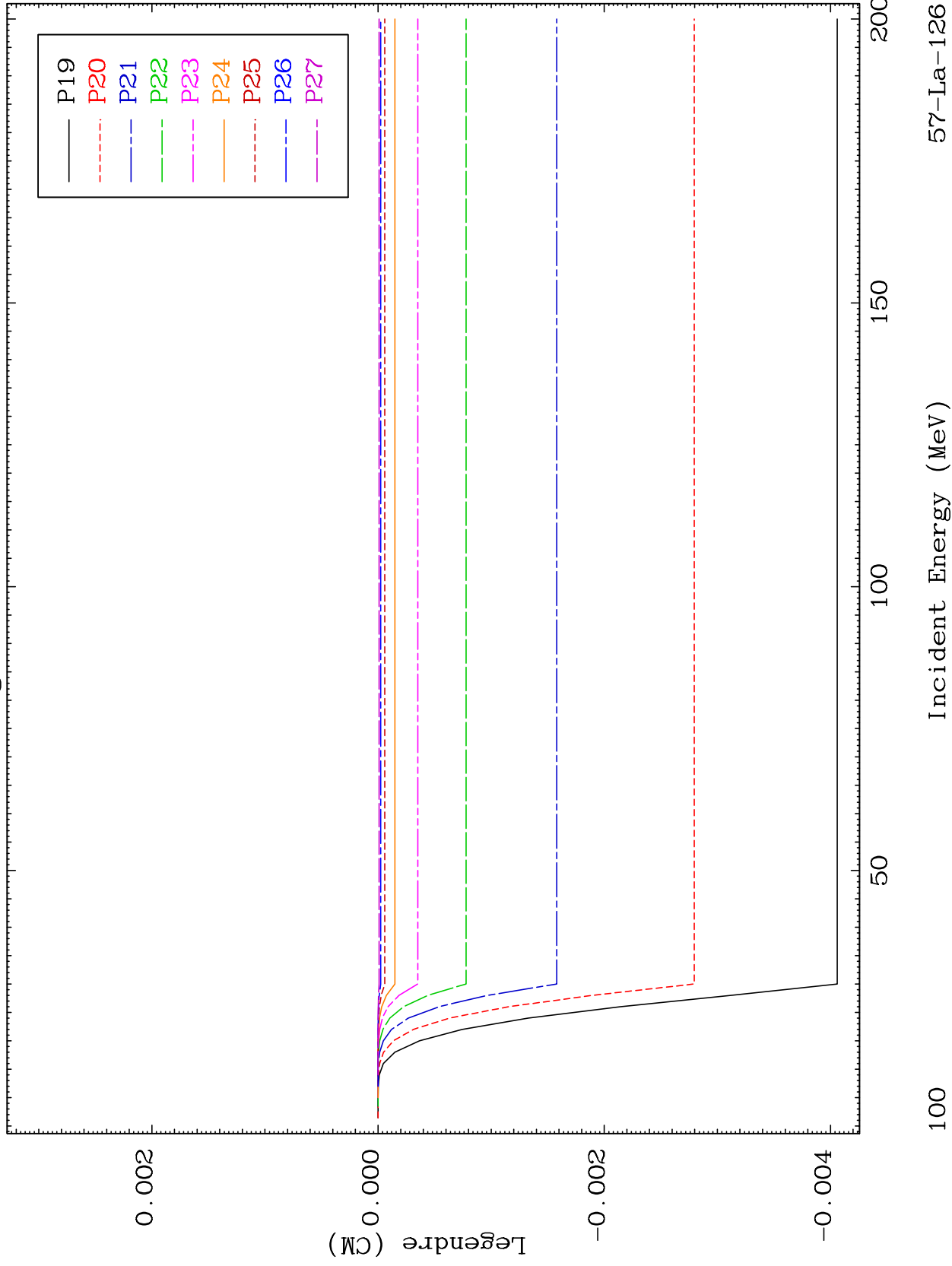
Incident Energy (MeV)

99

MAT 5689

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

57-La-126



57-La-126

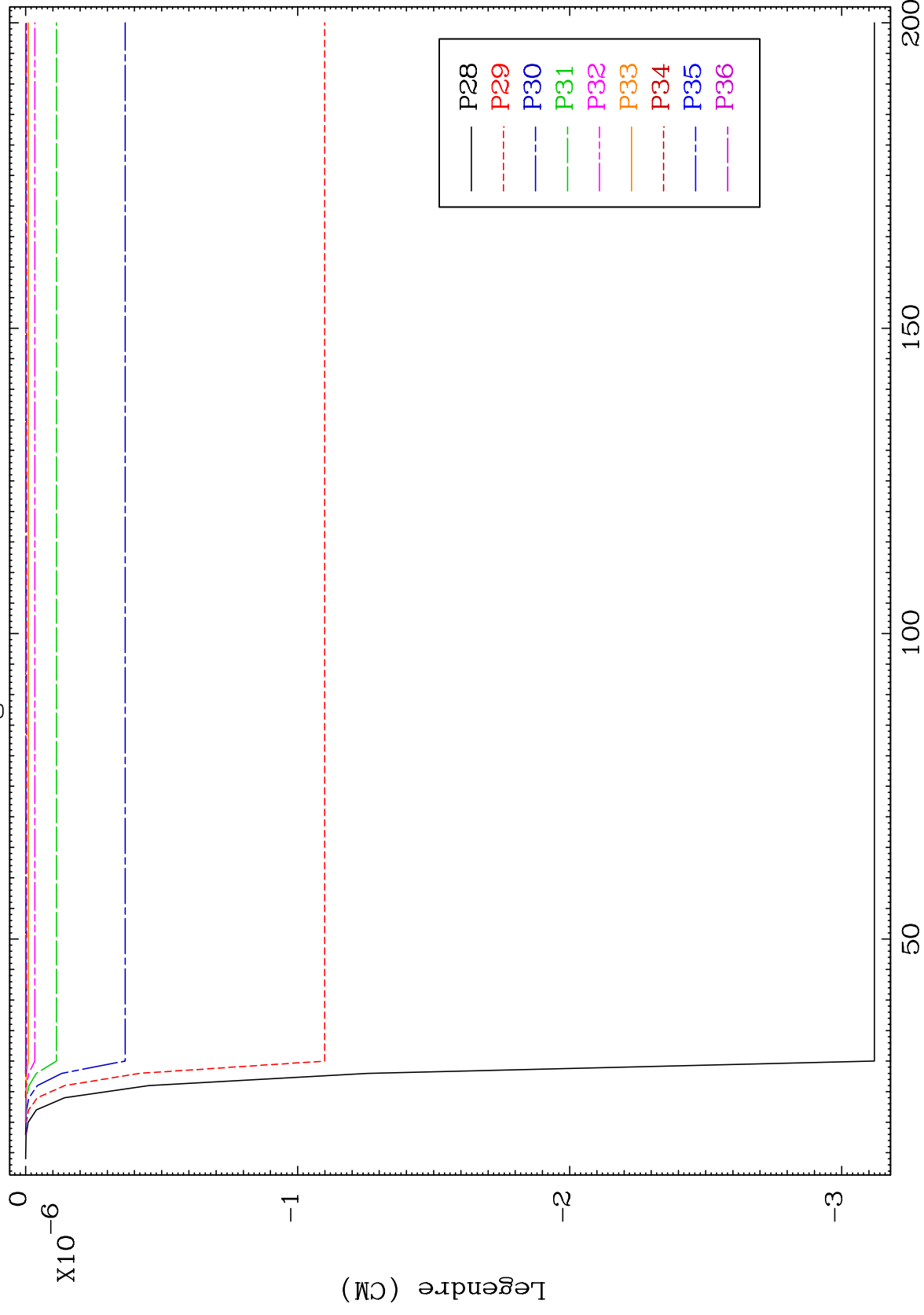
Incident Energy (MeV)

100

MAT 5689

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

57-La-126



101

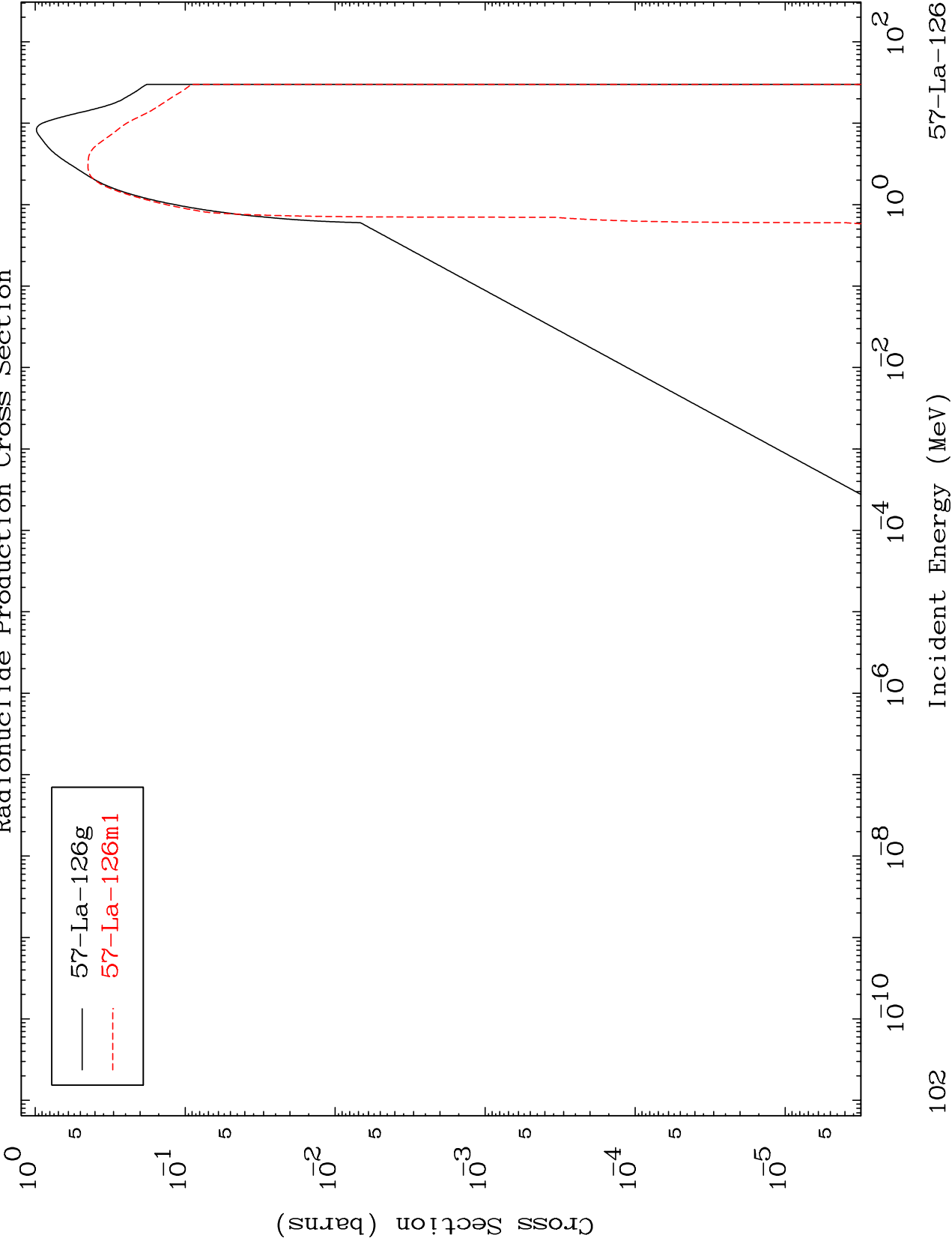
Incident Energy (MeV)

57-La-126

MAT 5689

Inelastic  
Radionuclide Production Cross Section

57-La-126

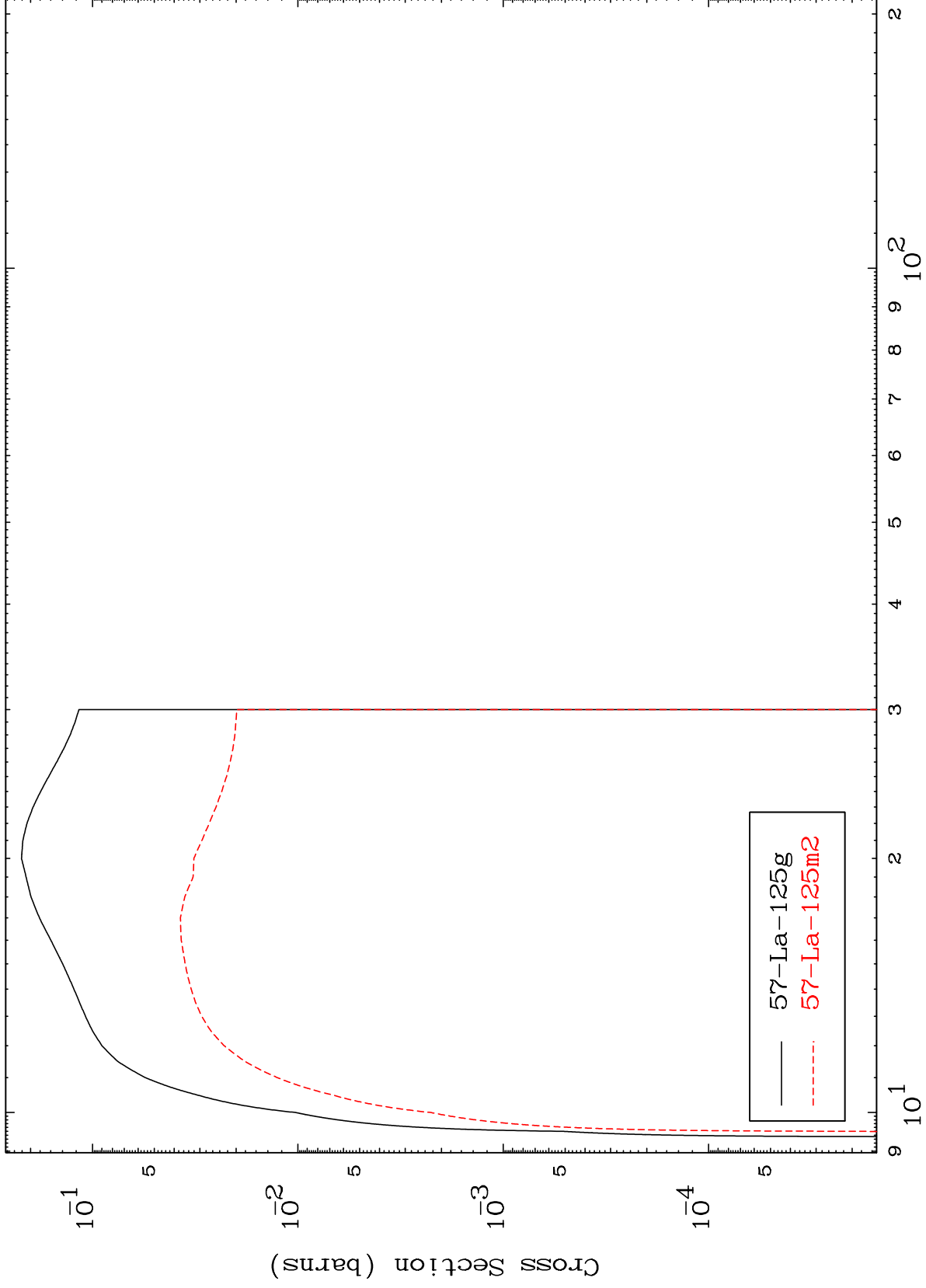


57-La-126g  
57-La-126m1

MAT 5689

57-La-126

(n,2n)  
Radionuclide Production Cross Section



— 57-La-125g  
- - - 57-La-125m2

57-La-126

Incident Energy (MeV)

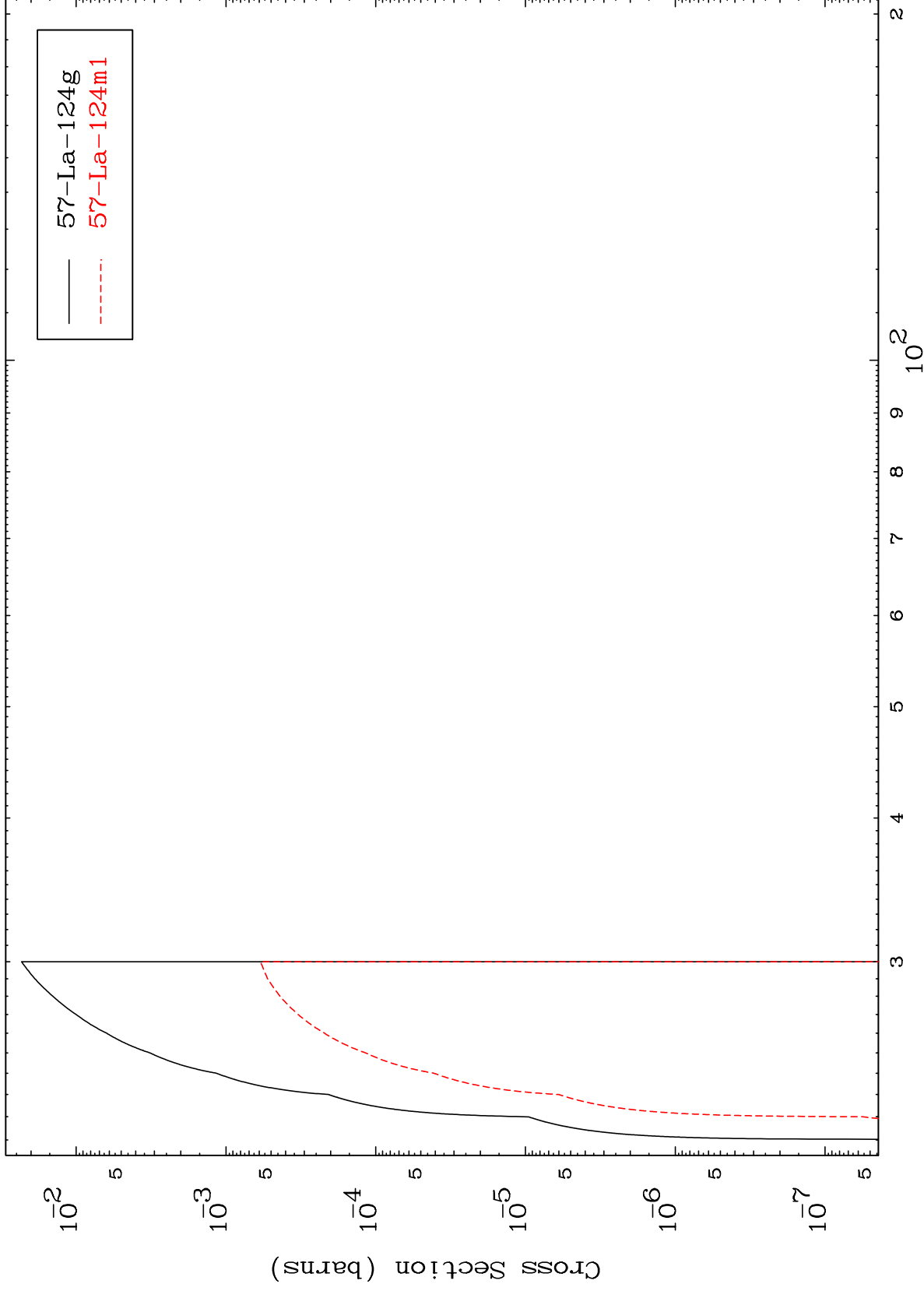
103



MAT 5689

57-La-126

(n,3n)  
Radionuclide Production Cross Section



104

Incident Energy (MeV)

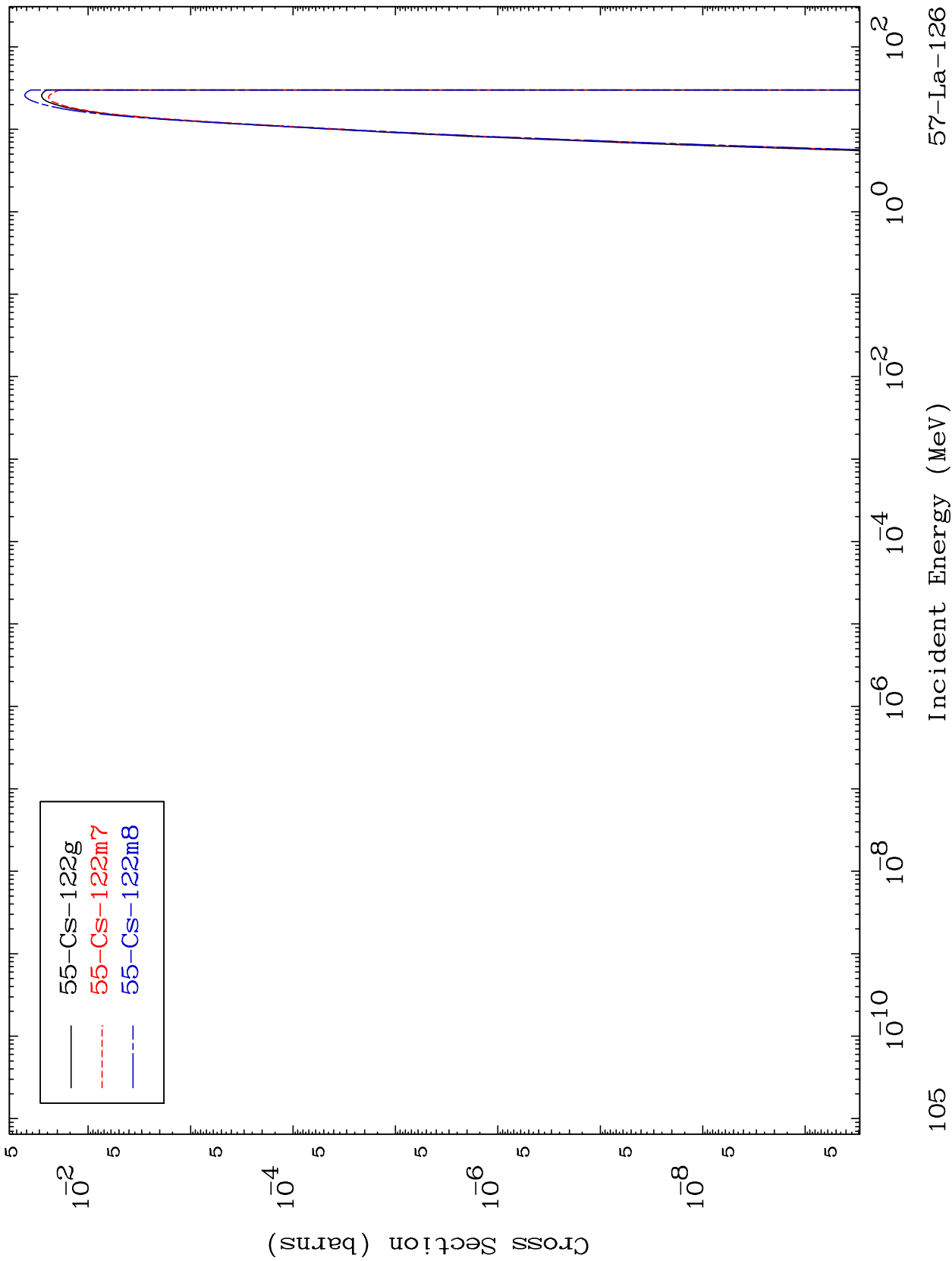
57-La-126

MAT 5689

(n,n')  $\alpha$

57-La-126

Radionuclide Production Cross Section



55-Cs-122g  
55-Cs-122m7  
55-Cs-122m8

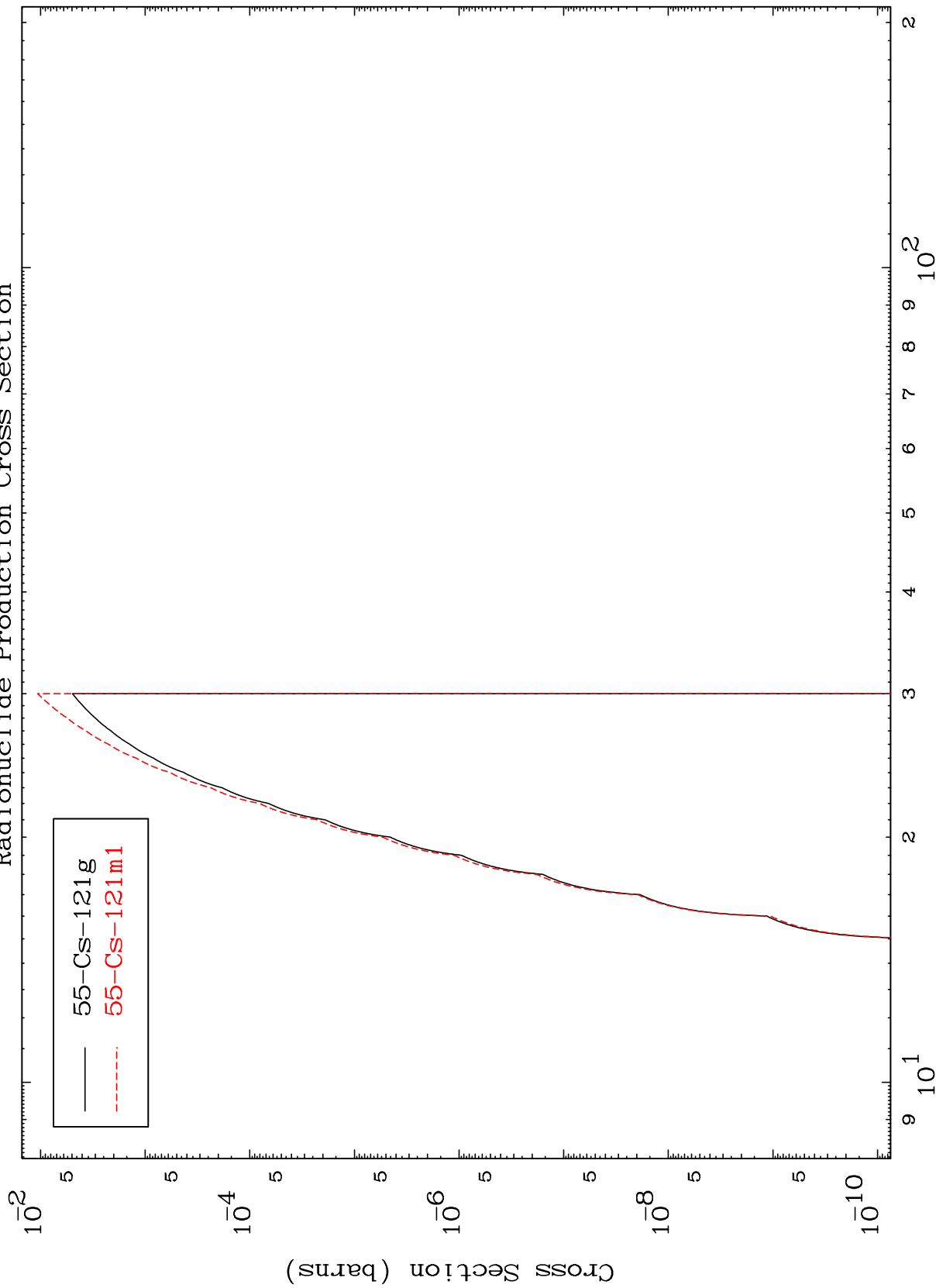
105

MAT 5689

(n,2n)  $\alpha$

57-La-126

Radionuclide Production Cross Section



106

Incident Energy (MeV)

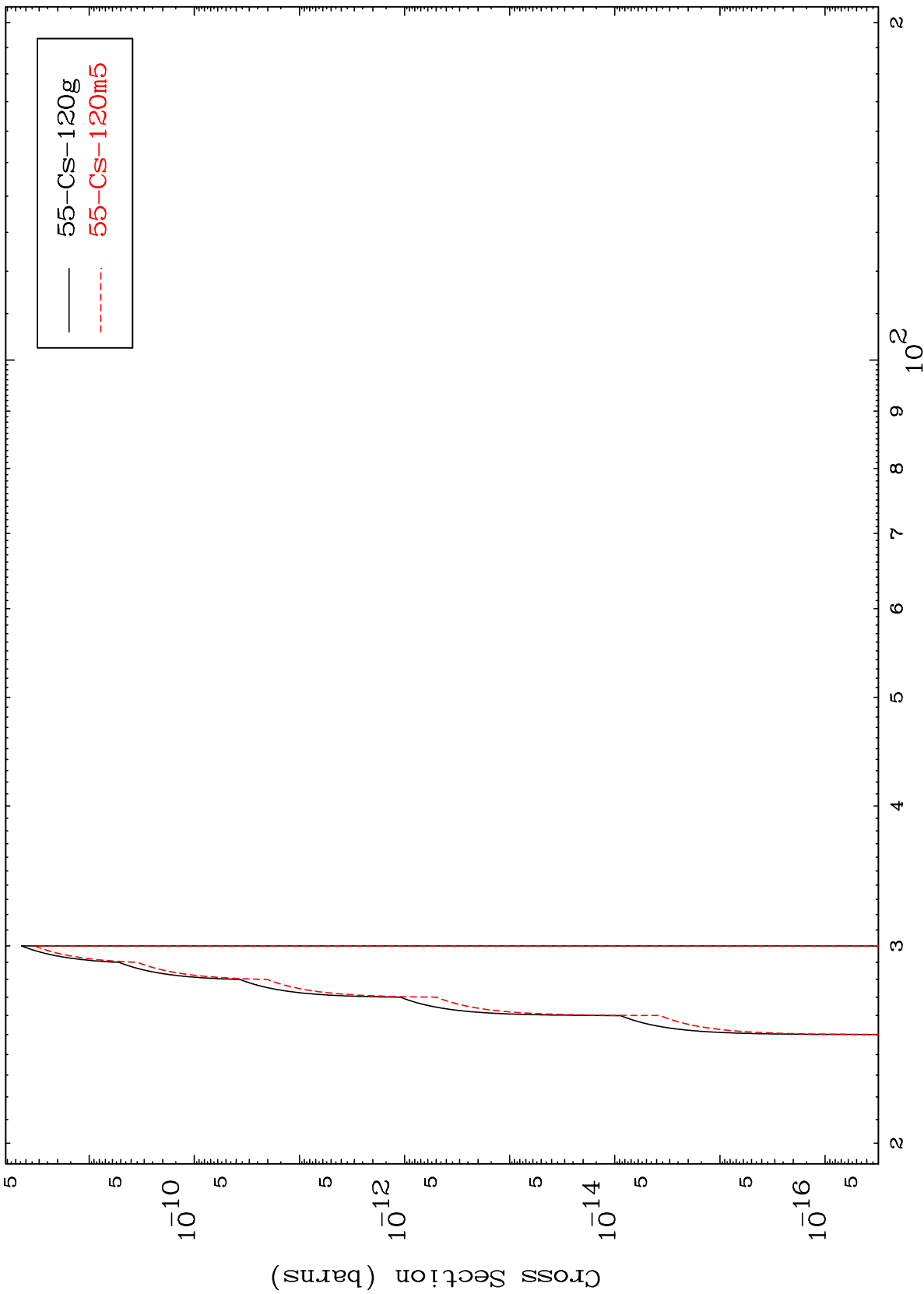
57-La-126

MAT 5689

(n,3n)  $\alpha$

57-La-126

Radionuclide Production Cross Section



107

Incident Energy (MeV)

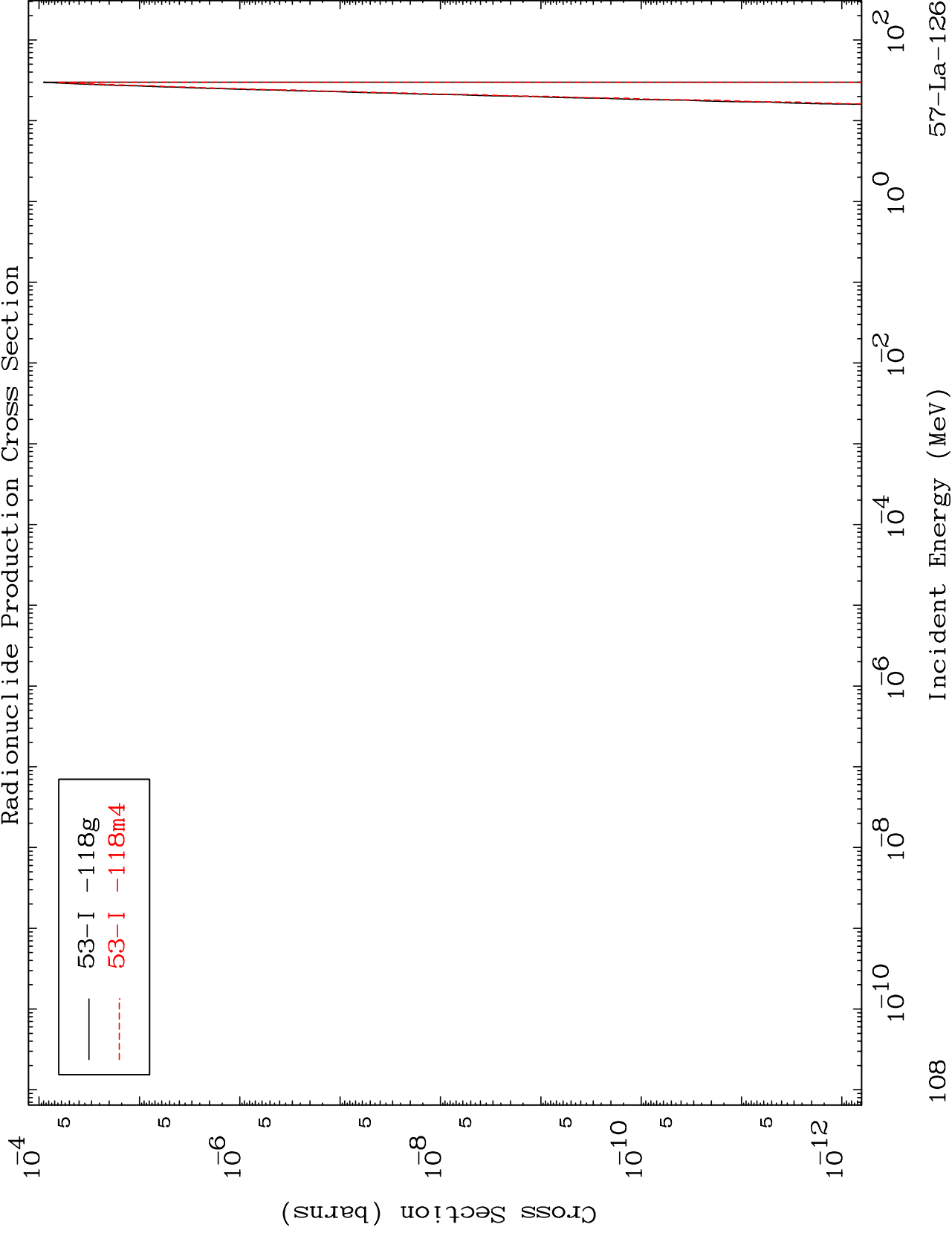
57-La-126

MAT 5689

(n,n') 2 $\alpha$

57-La-126

Radionuclide Production Cross Section



108

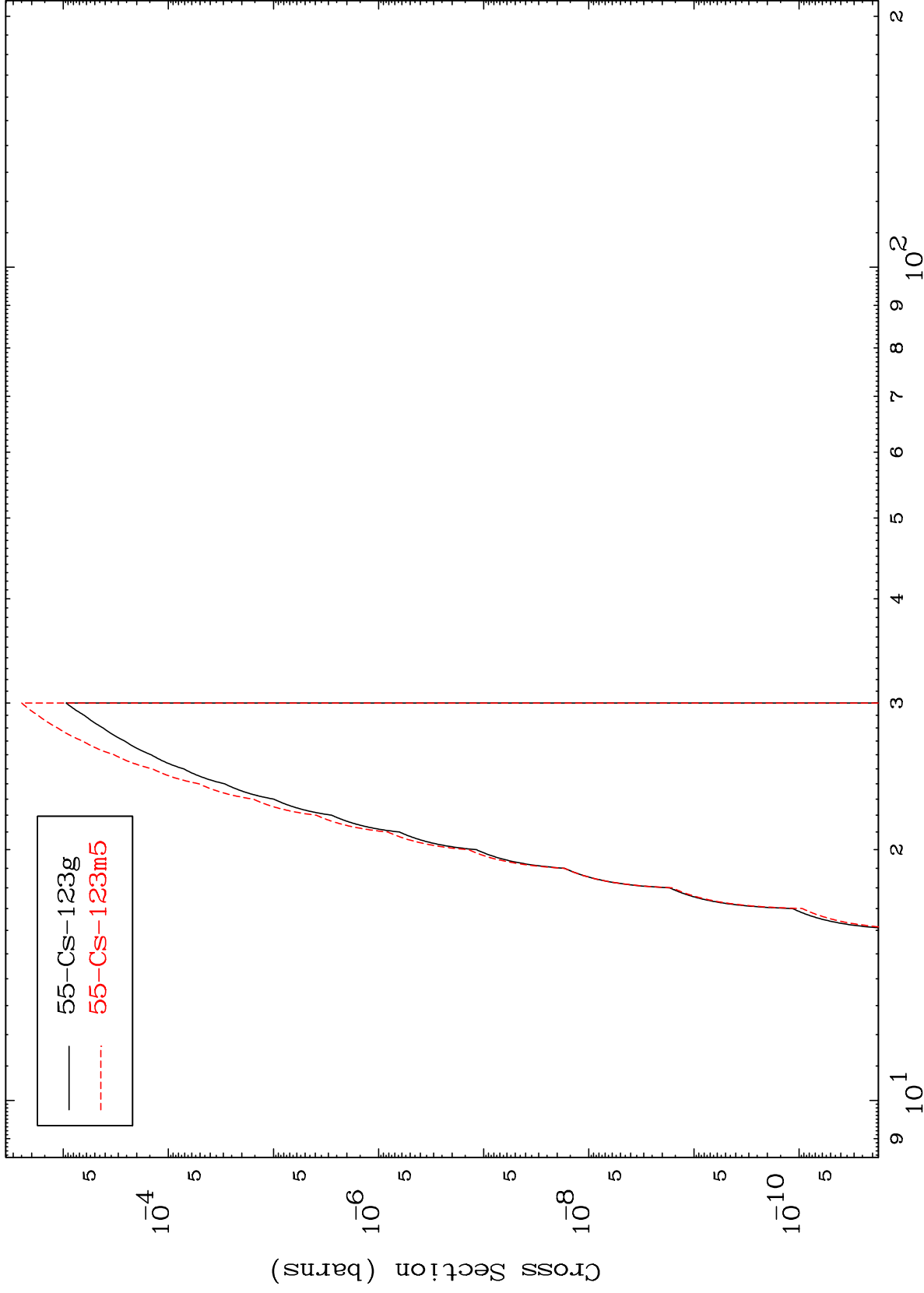
57-La-126

MAT 5689

(n,n') He-3

57-La-126

Radionuclide Production Cross Section



109

Incident Energy (MeV)

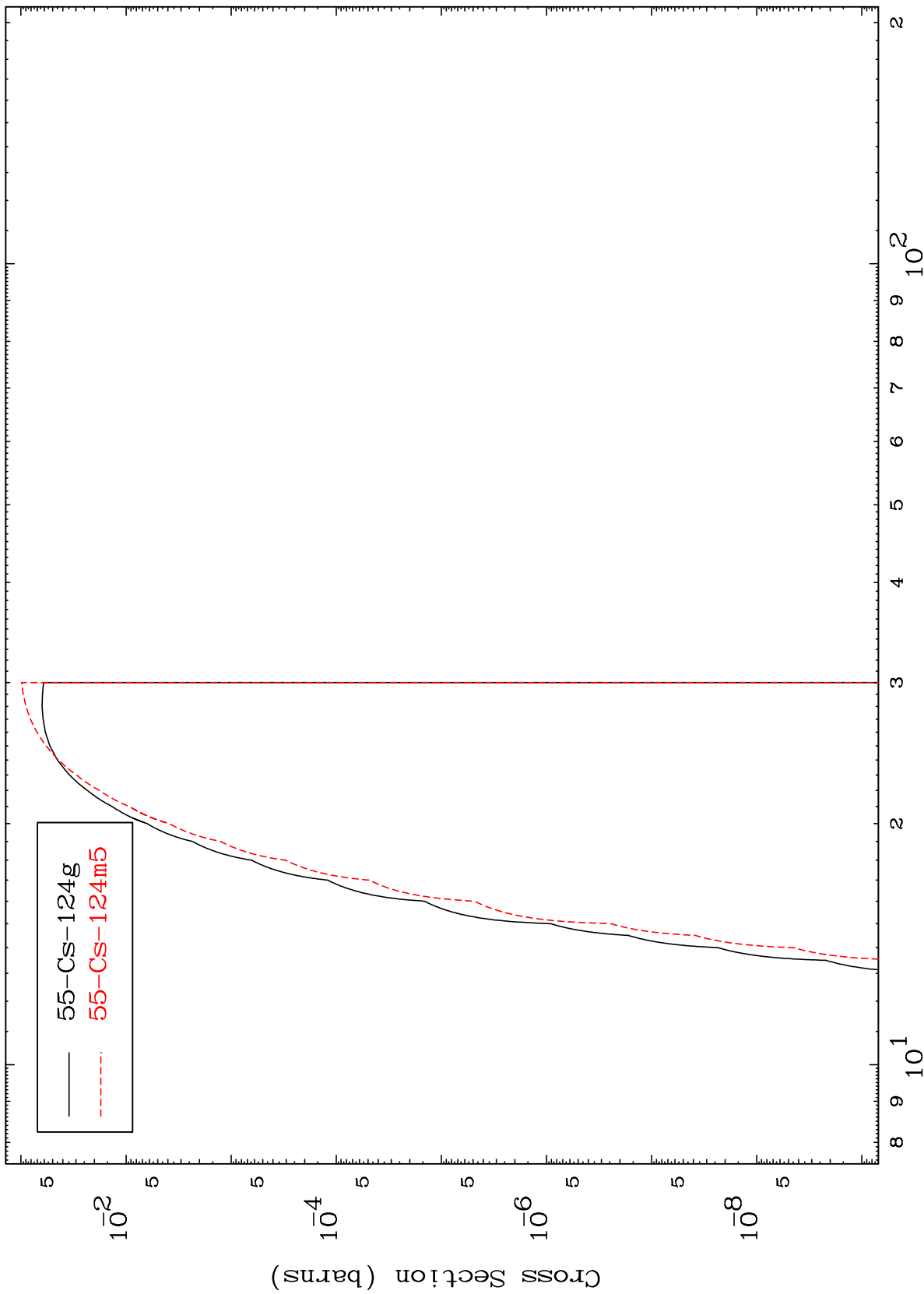
57-La-126

MAT 5689

(n,2n) p

57-La-126

Radionuclide Production Cross Section



110

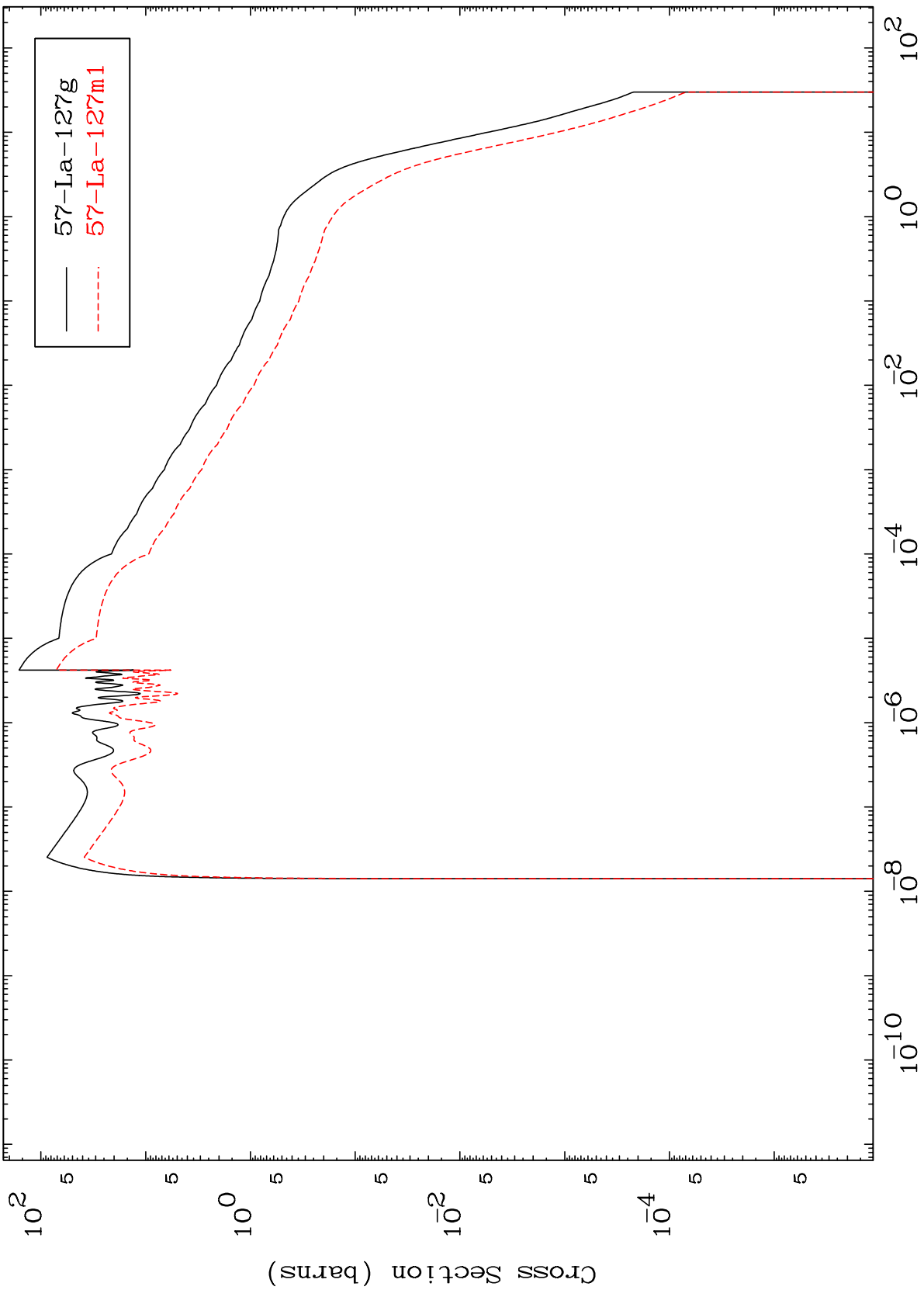
Incident Energy (MeV)

57-La-126

MAT 5689

57-La-126

(n,  $\gamma$ )  
Radionuclide Production Cross Section



111

57-La-126

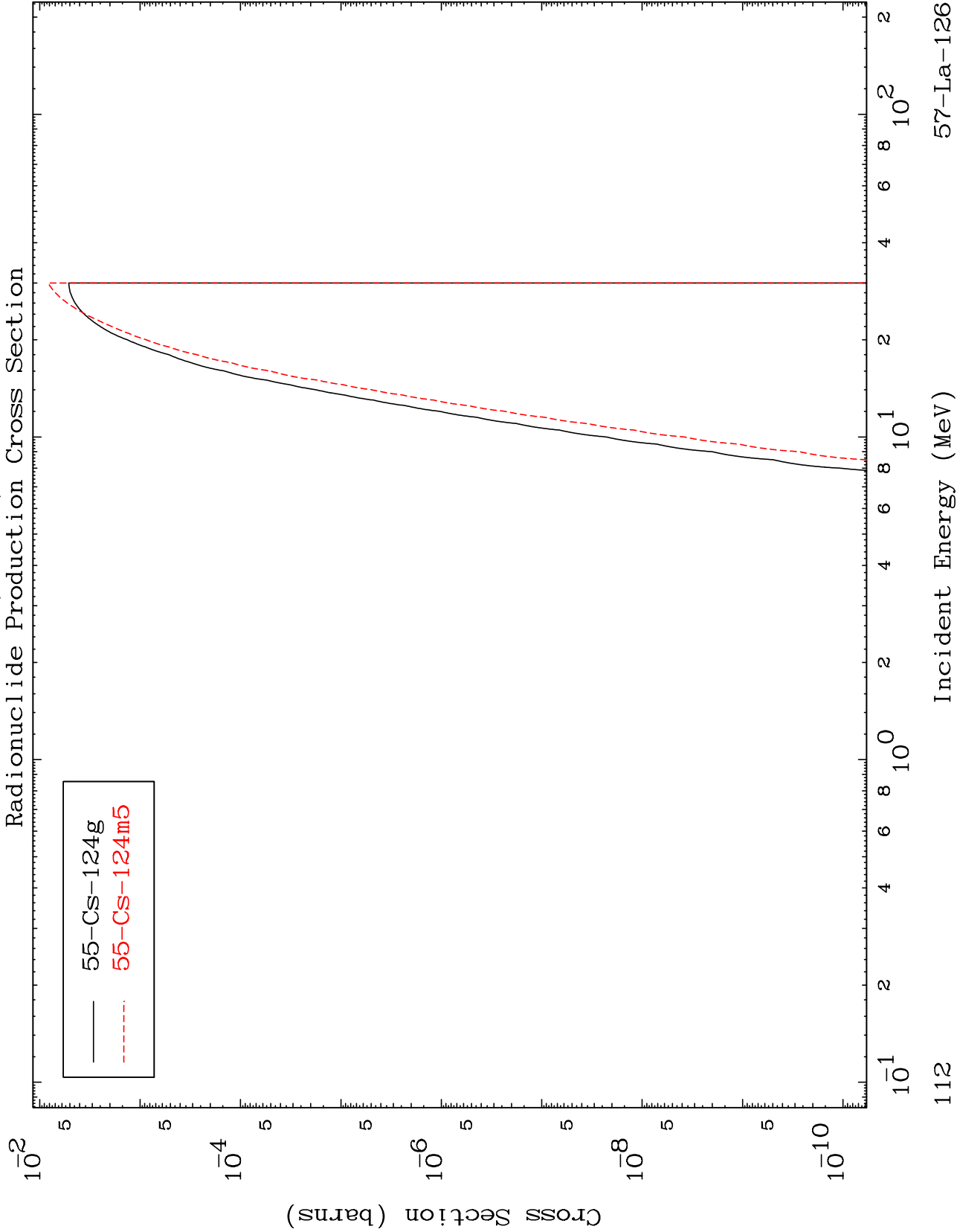
Incident Energy (MeV)



MAT 5689

(n,He-3)

57-La-126



57-La-126

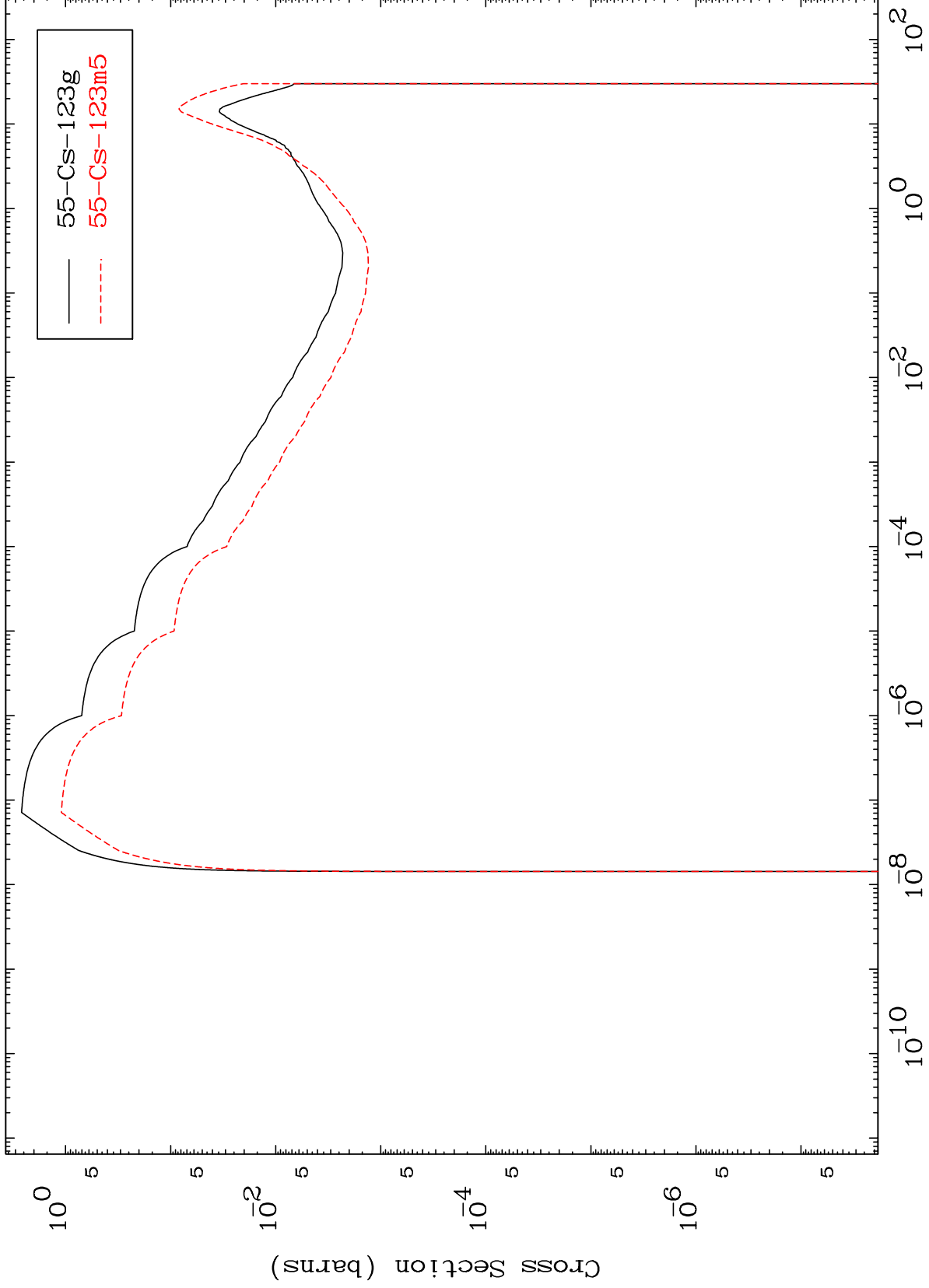
Incident Energy (MeV)

112

MAT 5689

57-La-126

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



113

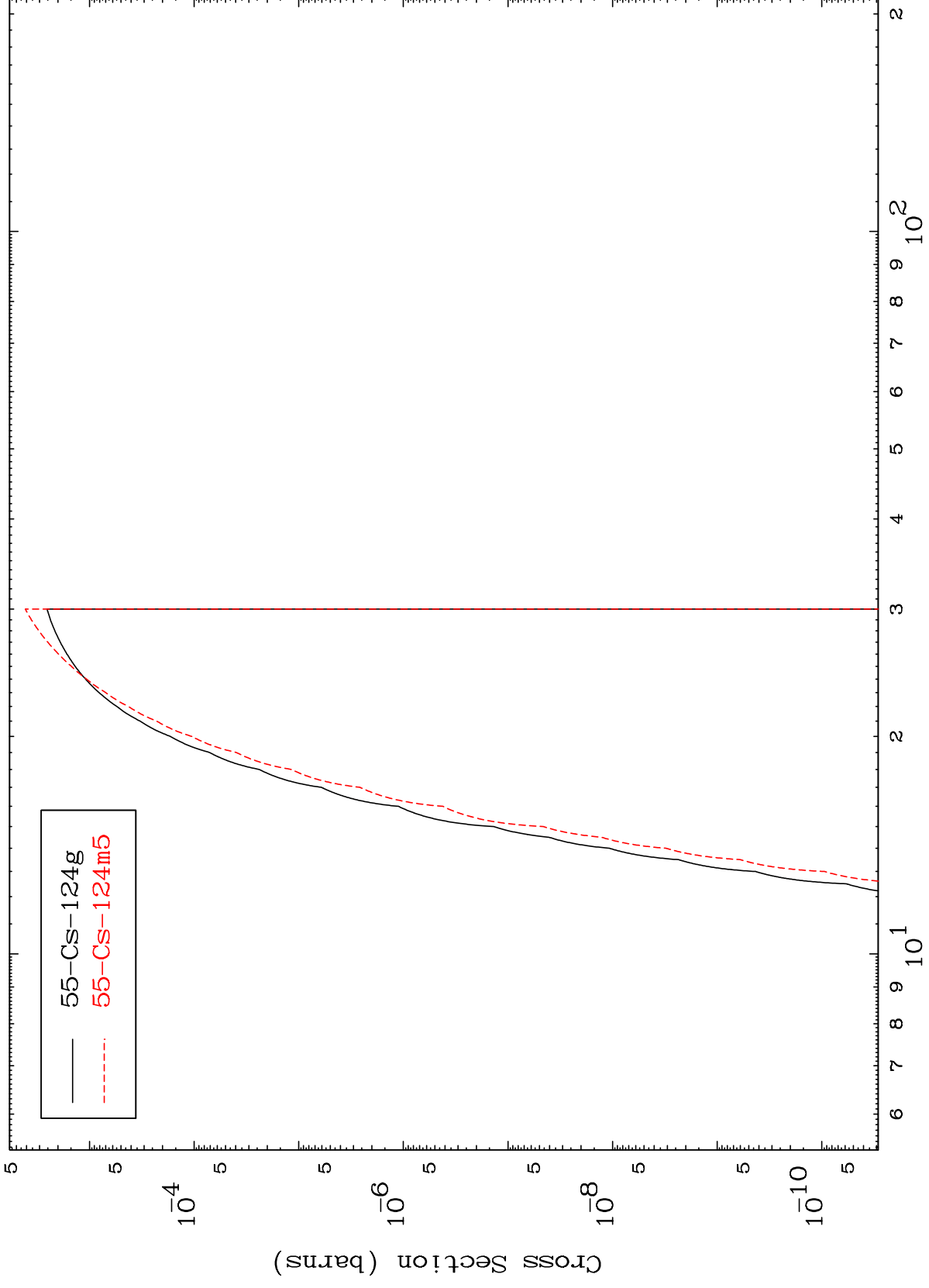
57-La-126

MAT 5689

(n,p) d

57-La-126

Radionuclide Production Cross Section



55-Cs-124g  
55-Cs-124m5

114

Incident Energy (MeV)

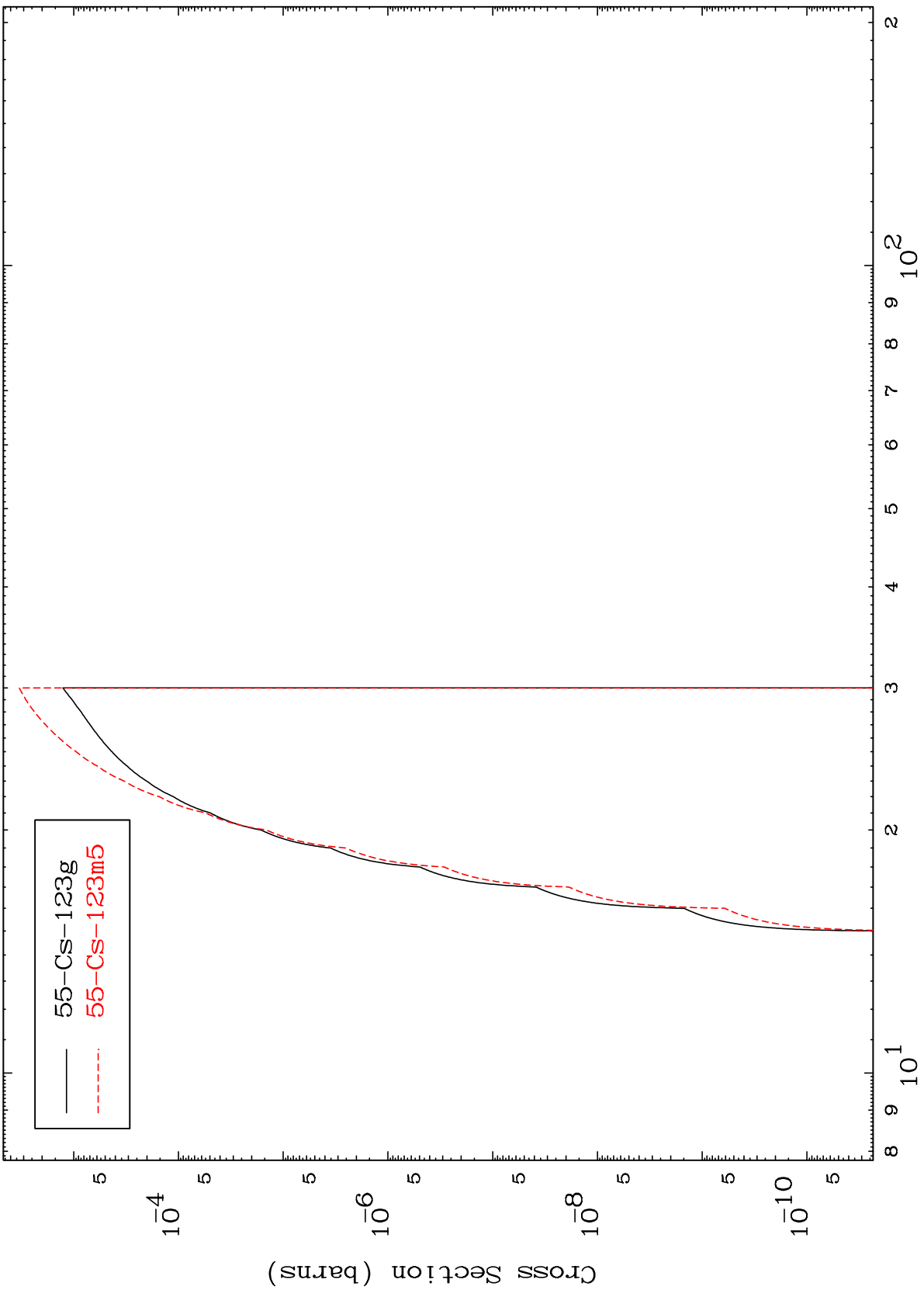
57-La-126

MAT 5689

(n,p) t

57-La-126

Radionuclide Production Cross Section



55-Cs-123g  
55-Cs-123m5

115

Incident Energy (MeV)

57-La-126