

Program EVALPLOT  
(Version 2021-1)

by

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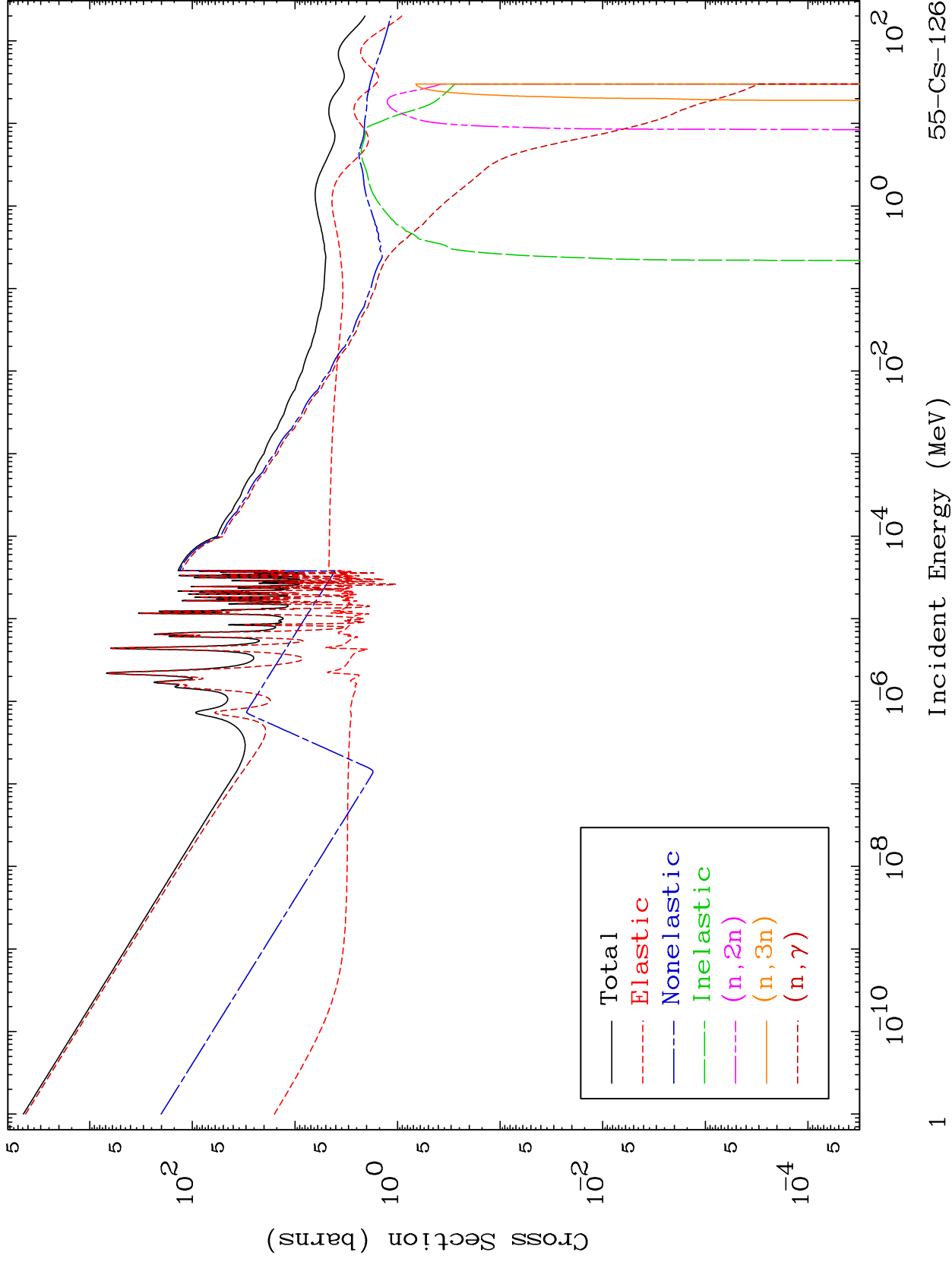
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Press Mouse Button to Start

MAT 5504

Neutron Major  
293 Kelvin Cross Sections

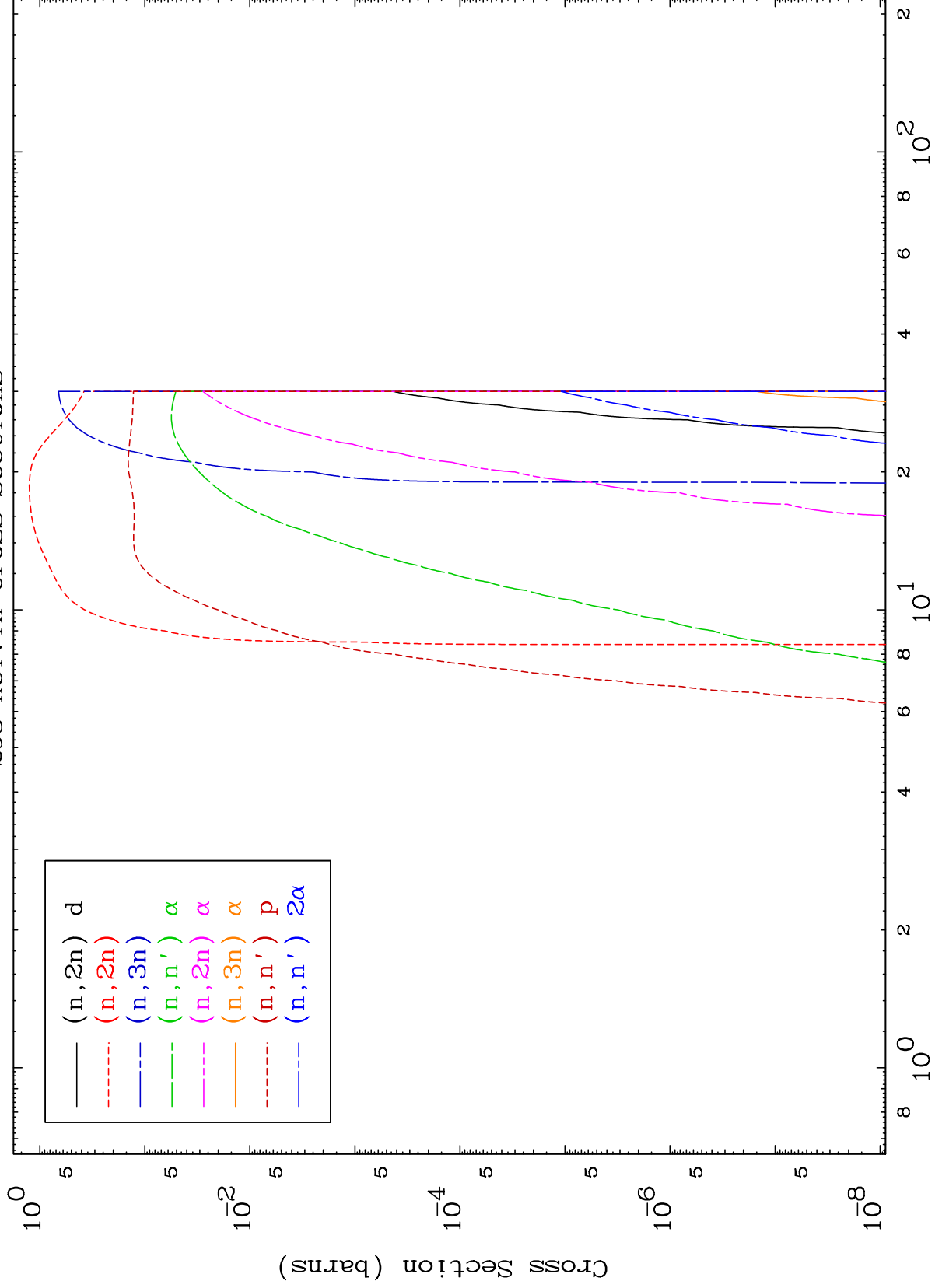
55-Cs-126



MAT 5504

Neutron Absorption  
293 Kelvin Cross Sections

55-Cs-126



2

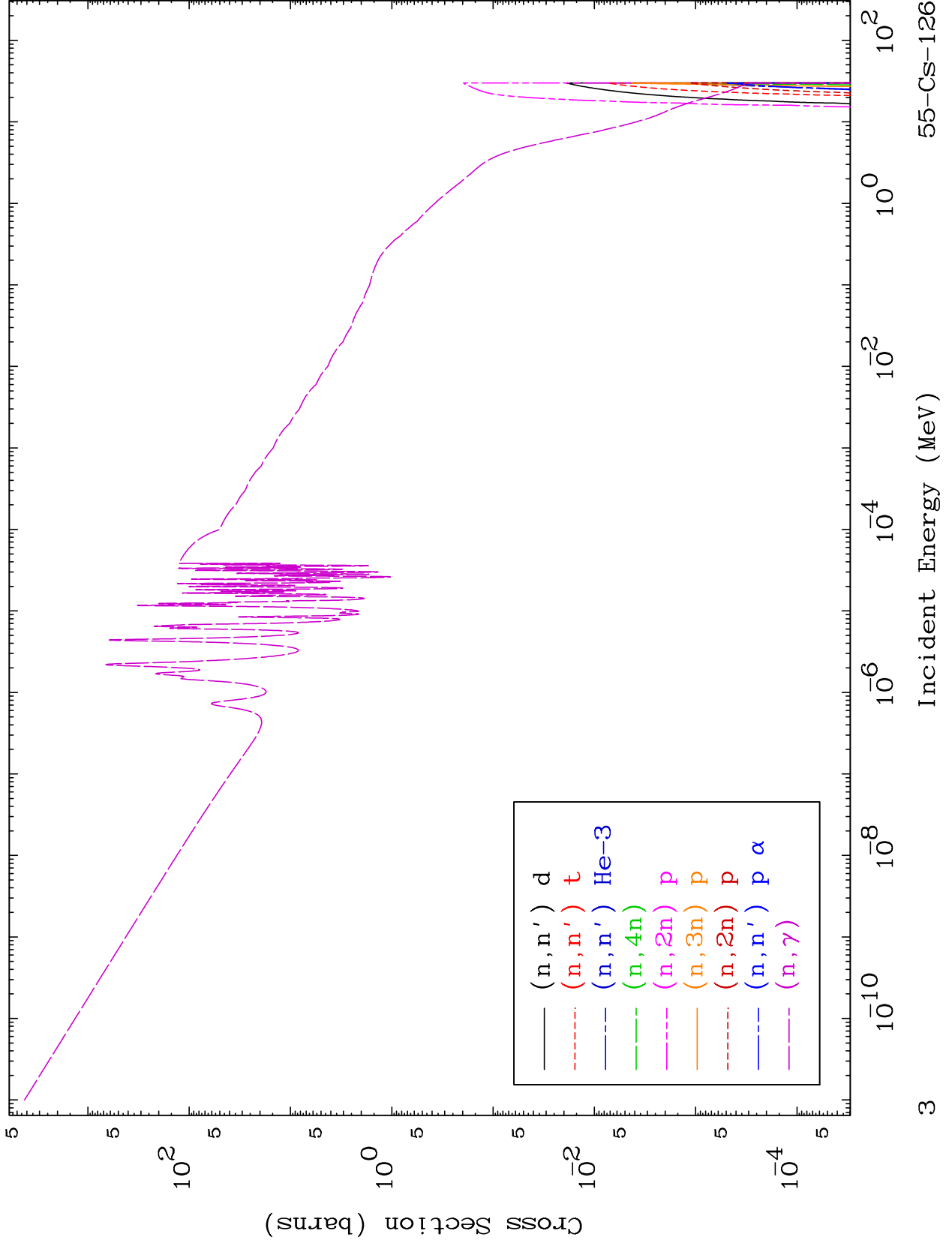
Incident Energy (MeV)

55-Cs-126

MAT 5504

Neutron Absorption  
293 Kelvin Cross Sections

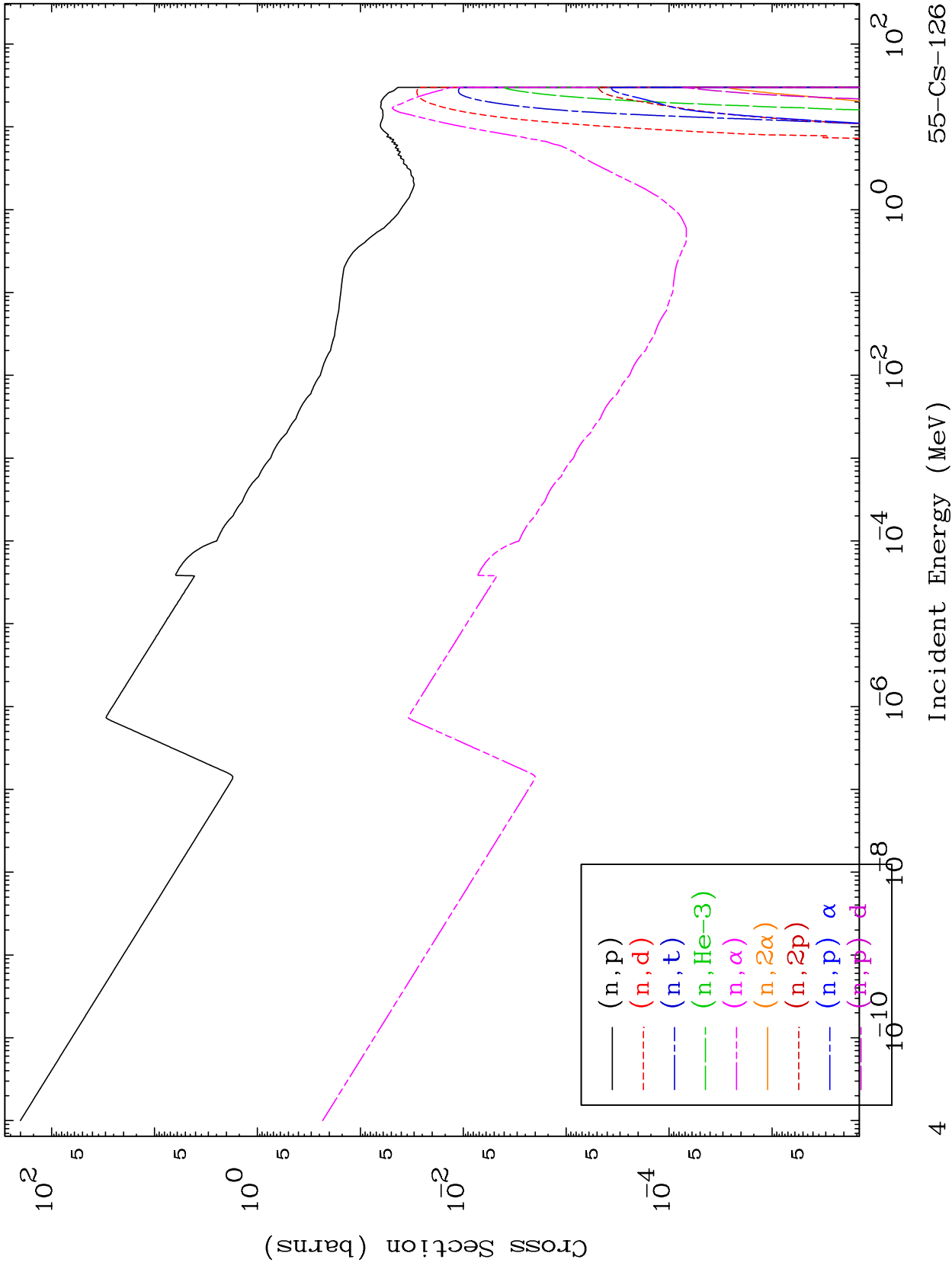
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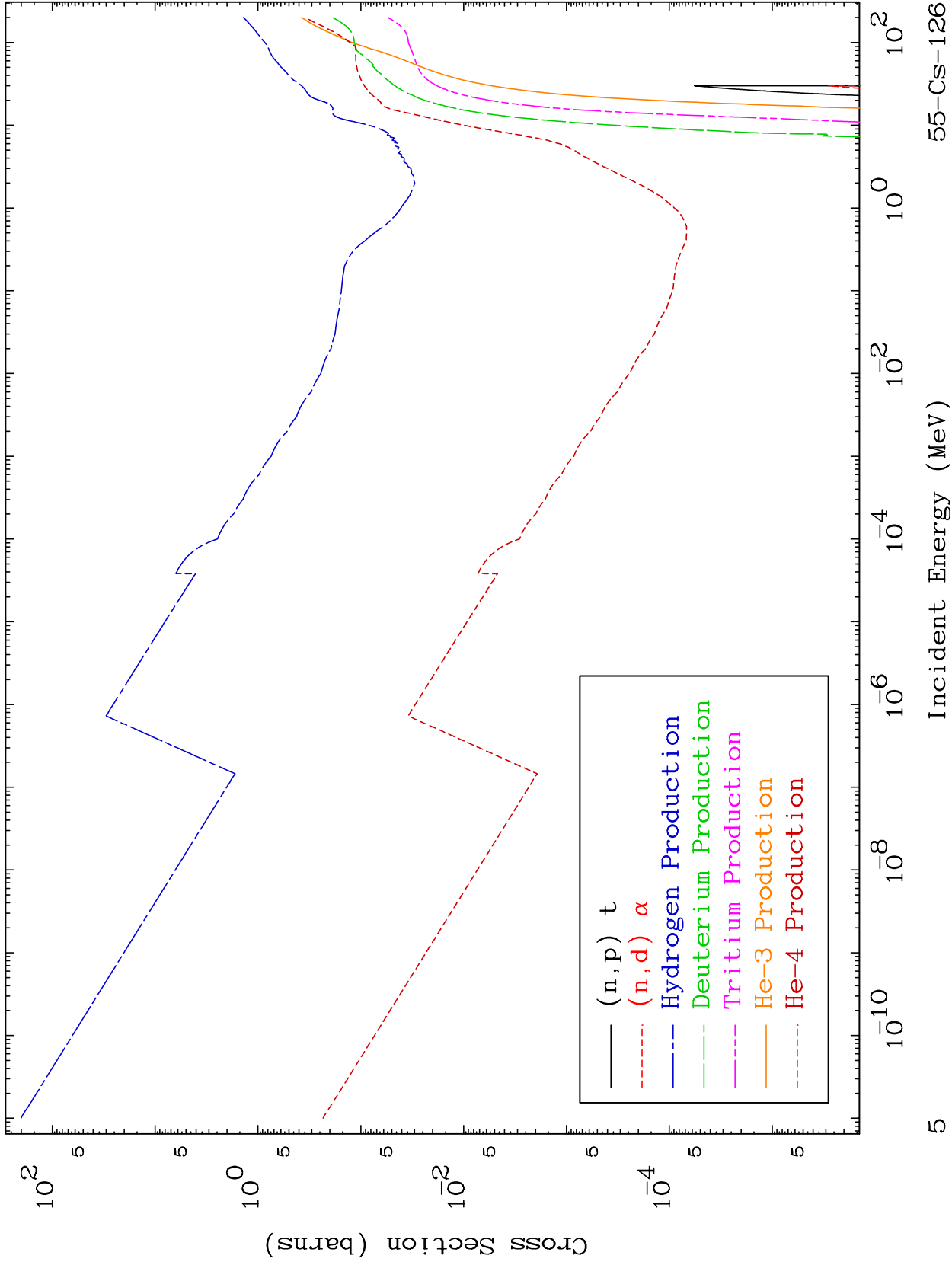


MAT 5504

Neutron Absorption  
293 Kelvin Cross Sections

55-Cs-126

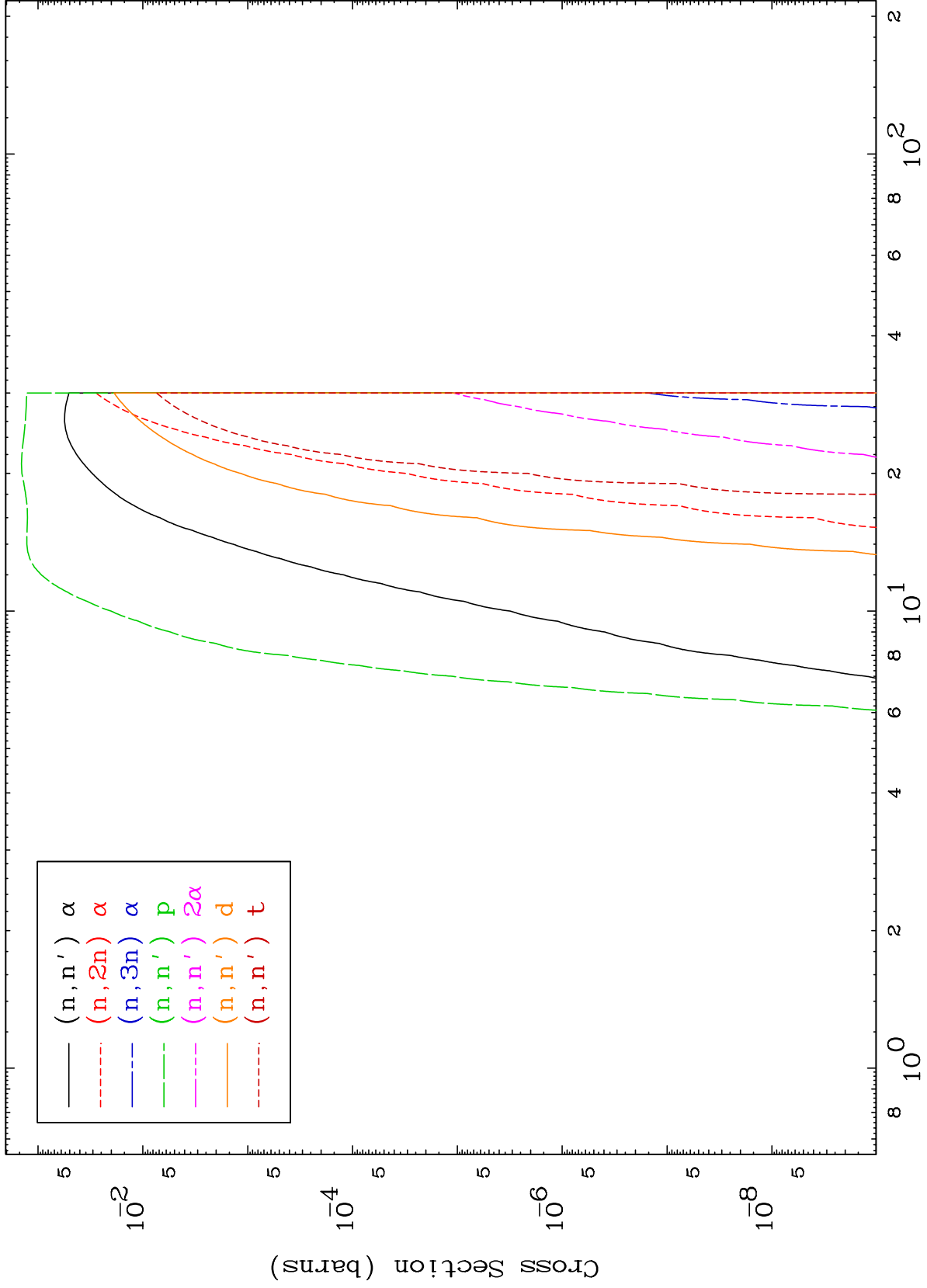




MAT 5504

Charged Particle  
293 Kelvin Cross Sections

55-Cs-126



6

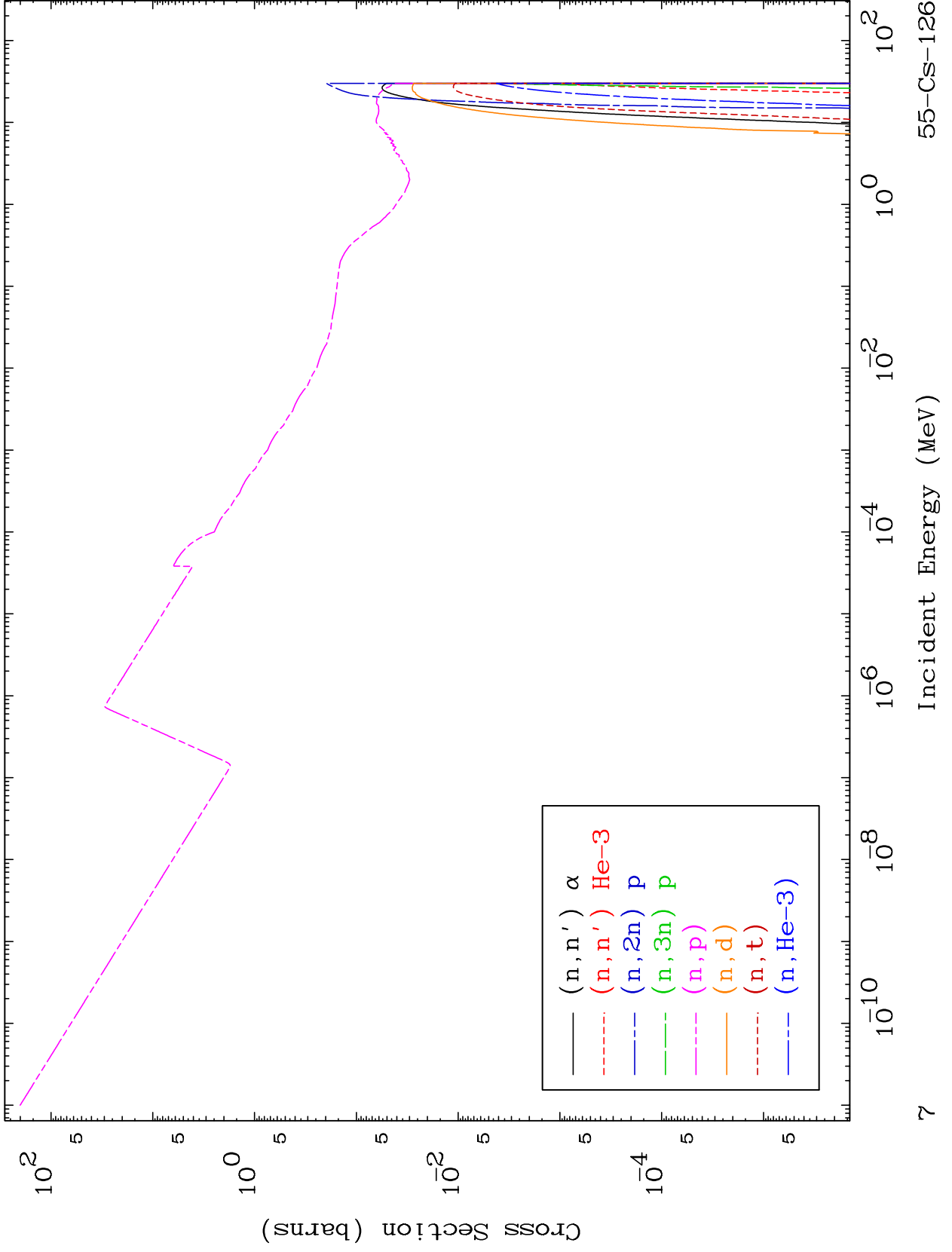
Incident Energy (MeV)

55-Cs-126

MAT 5504

Charged Particle  
293 Kelvin Cross Sections

55-Cs-126

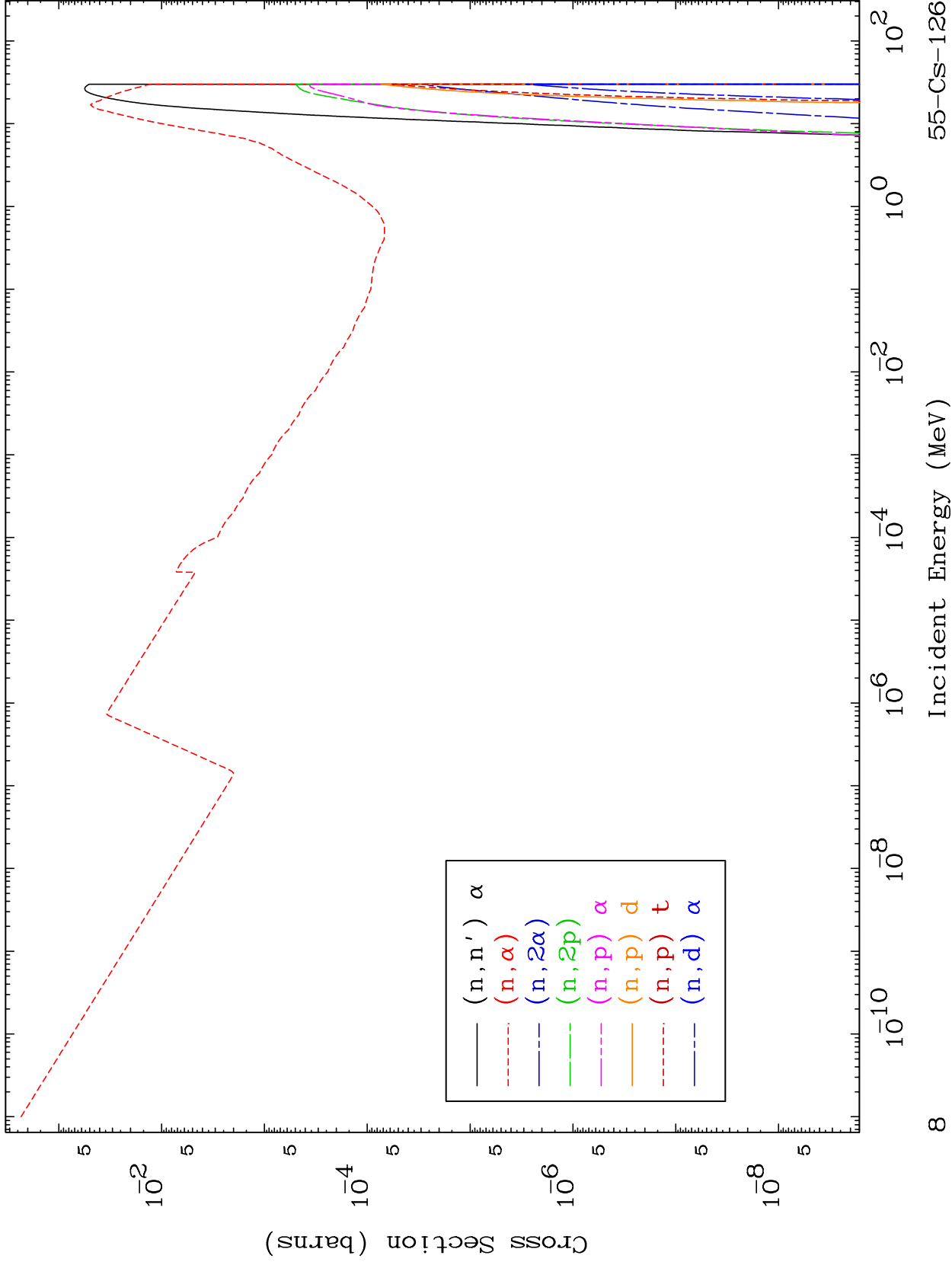


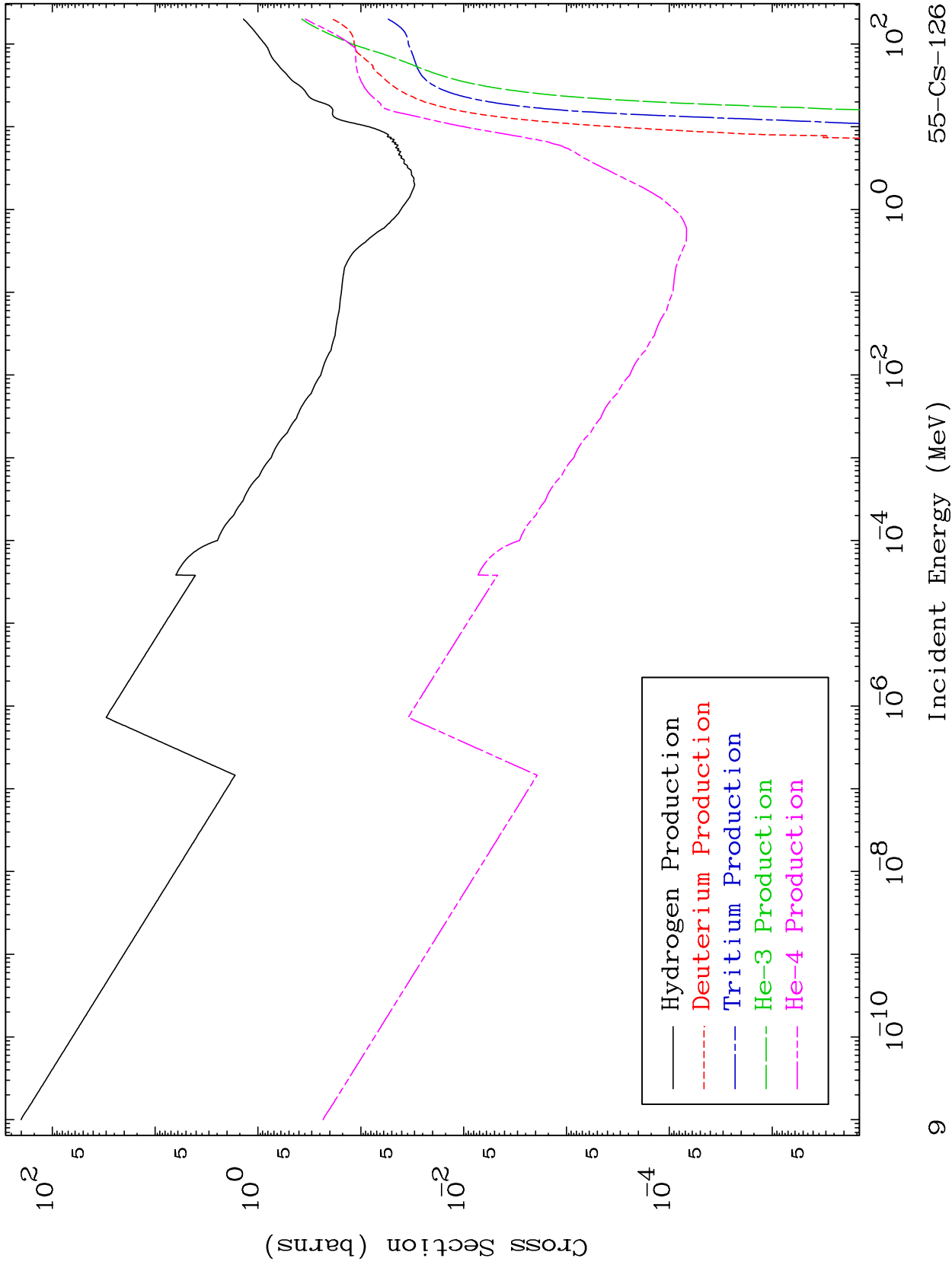


MAT 5504

Charged Particle  
293 Kelvin Cross Sections

55-Cs-126



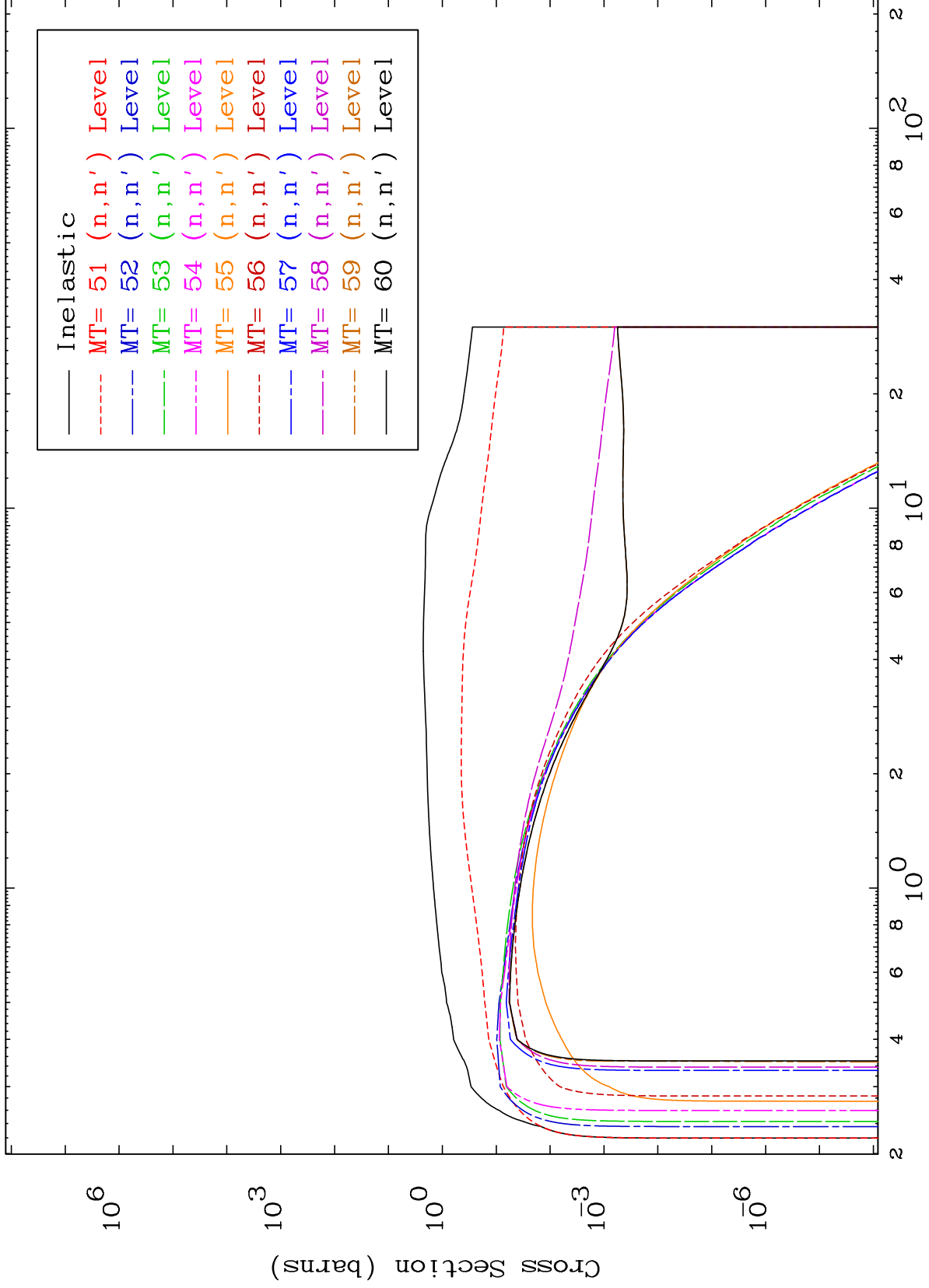


MAT 5504

(n,n') Levels

55-Cs-126

293 Kelvin Cross Sections

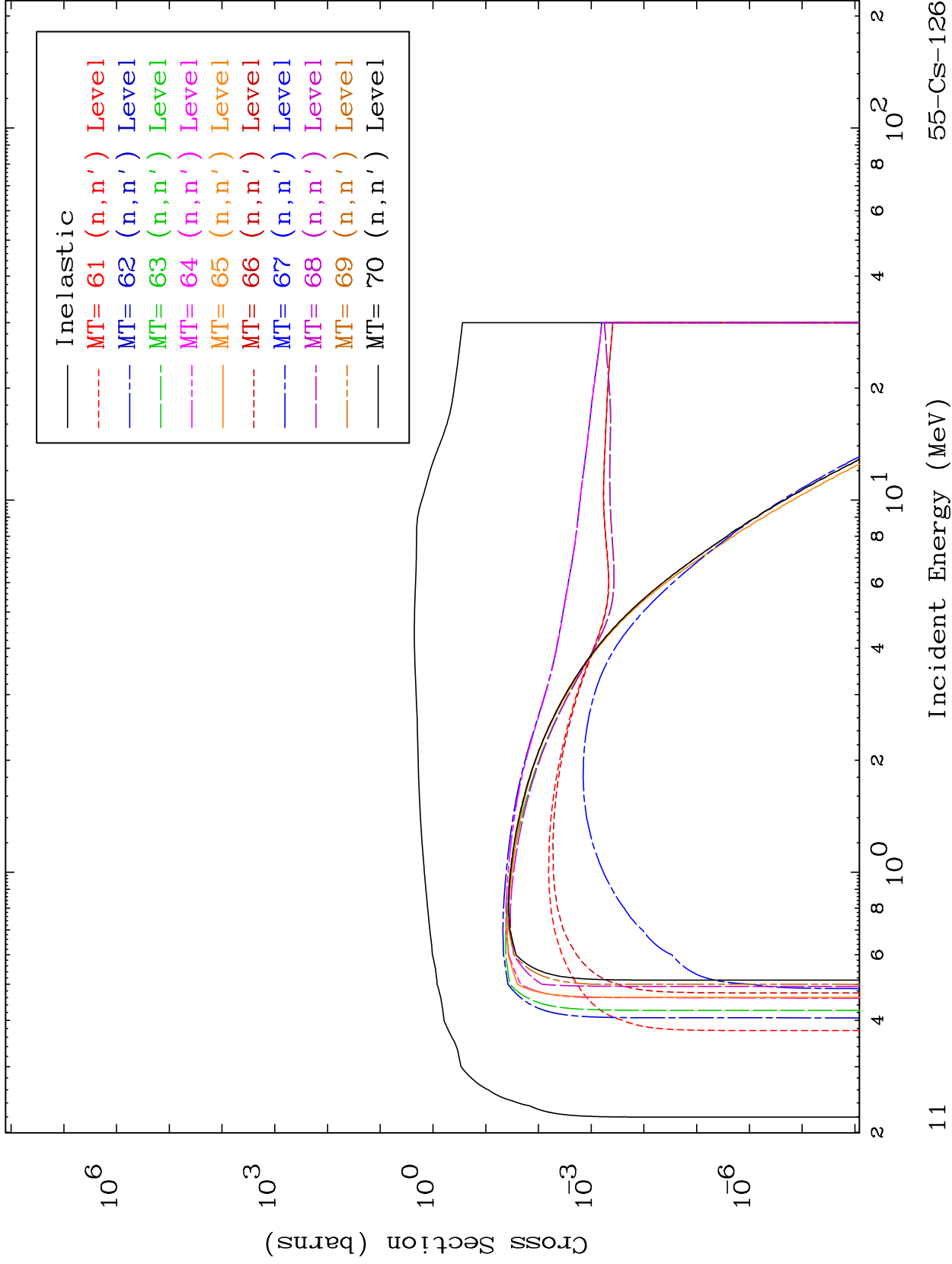


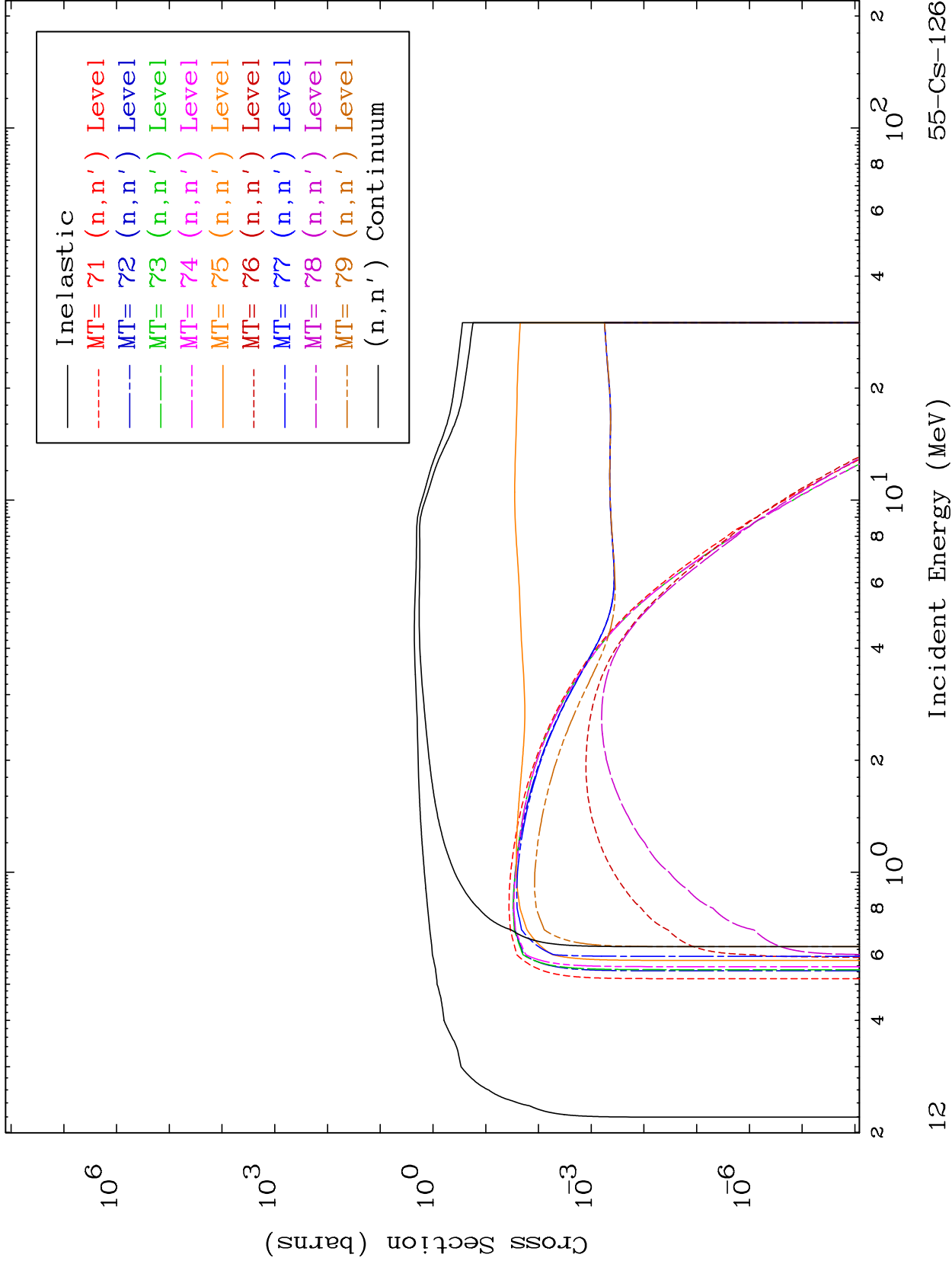
10

Incident Energy (MeV)

55-Cs-126

293 Kelvin Cross Sections

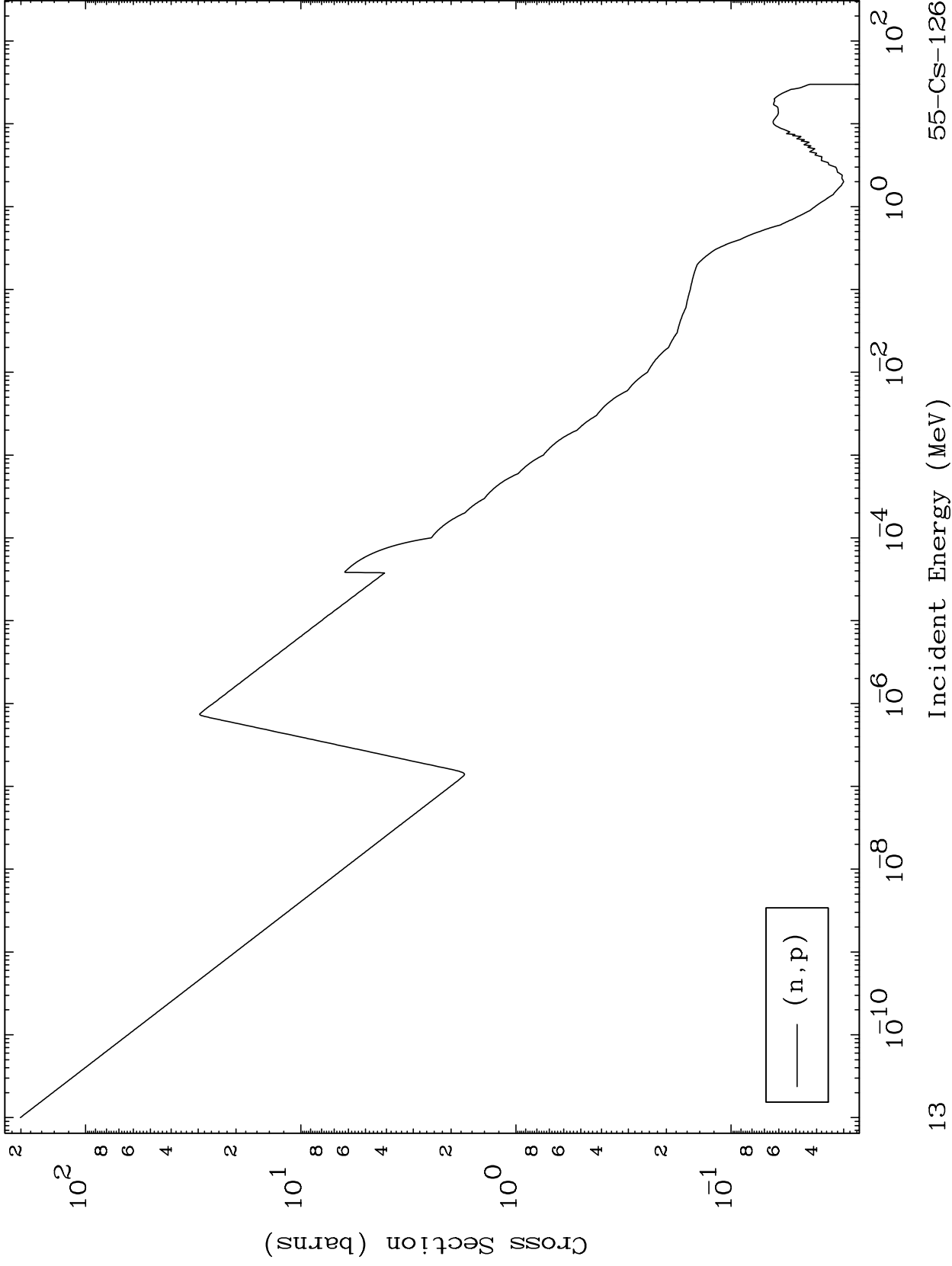




MAT 5504

(n,p) Levels  
293 Kelvin Cross Sections

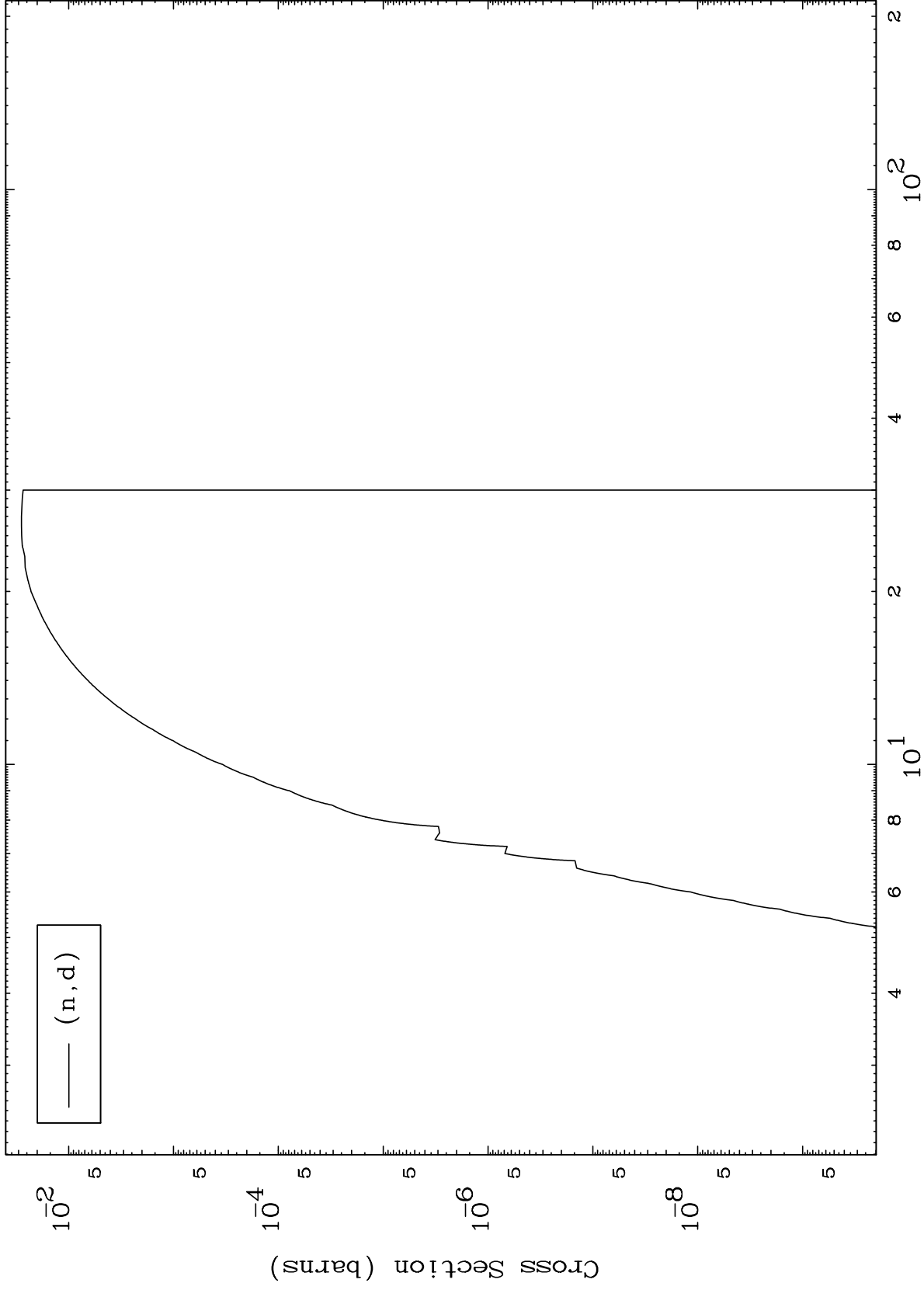
55-Cs-126



MAT 5504

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-126



14

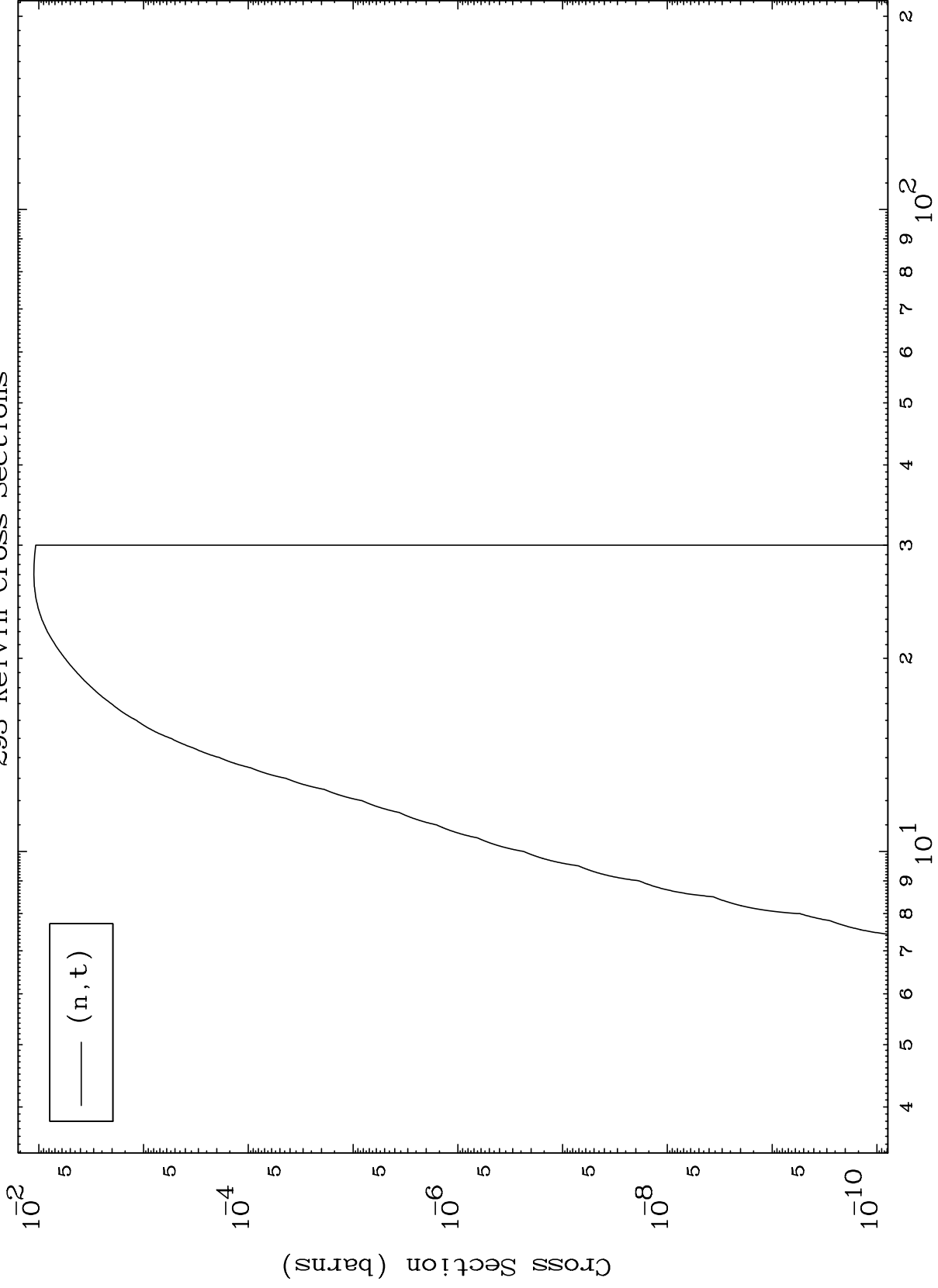
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-126



15

Incident Energy (MeV)

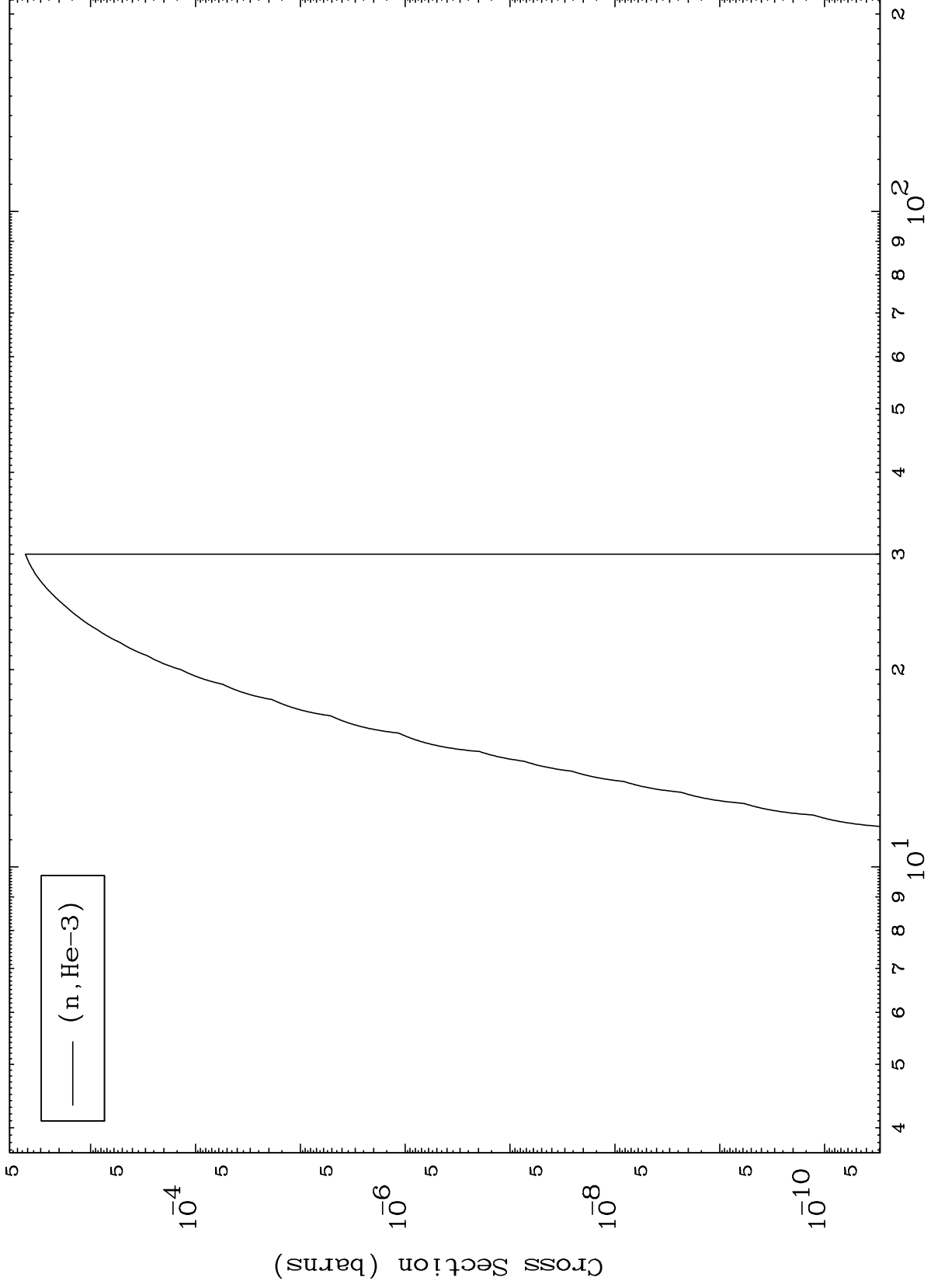
55-Cs-126



MAT 5504

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-126



16

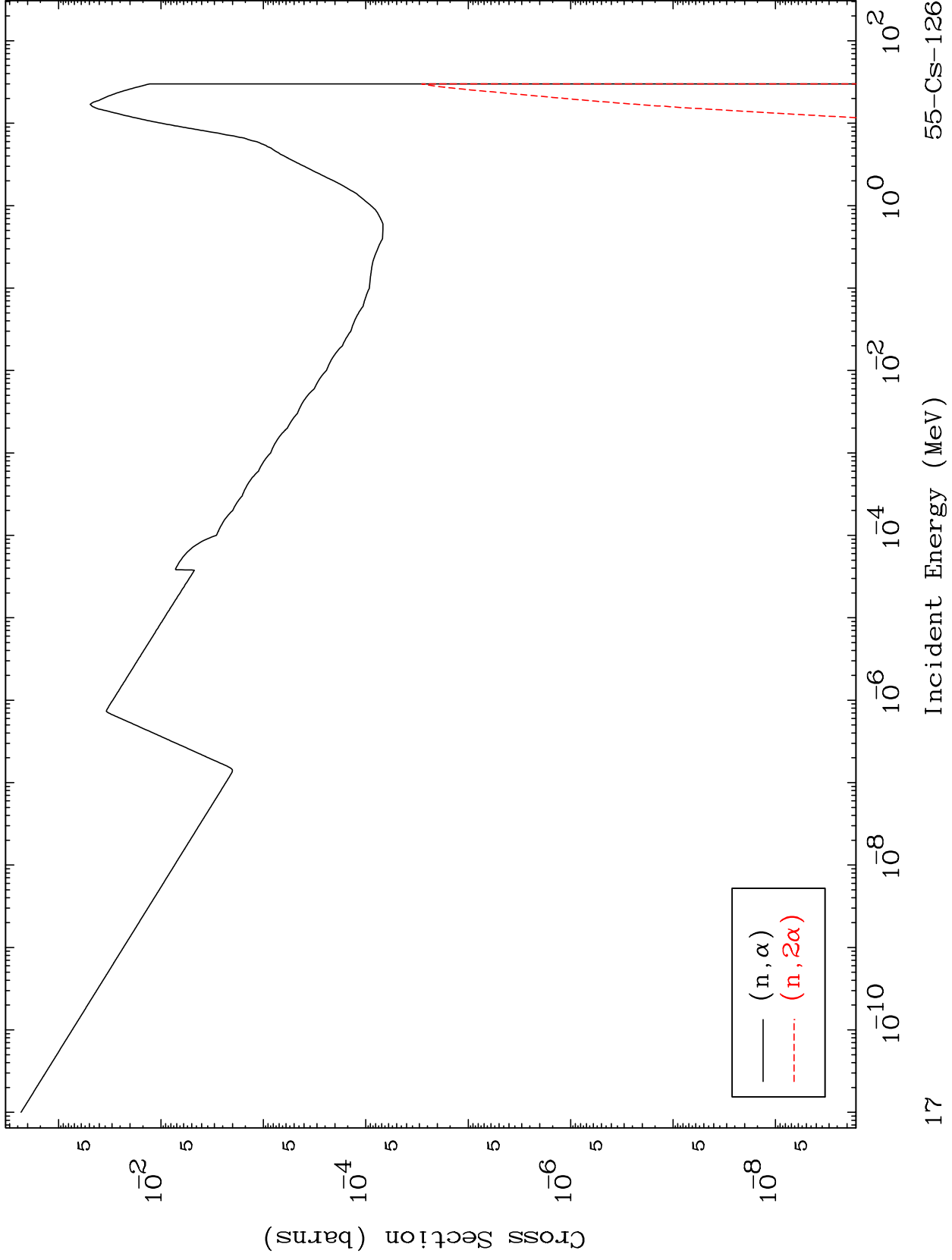
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

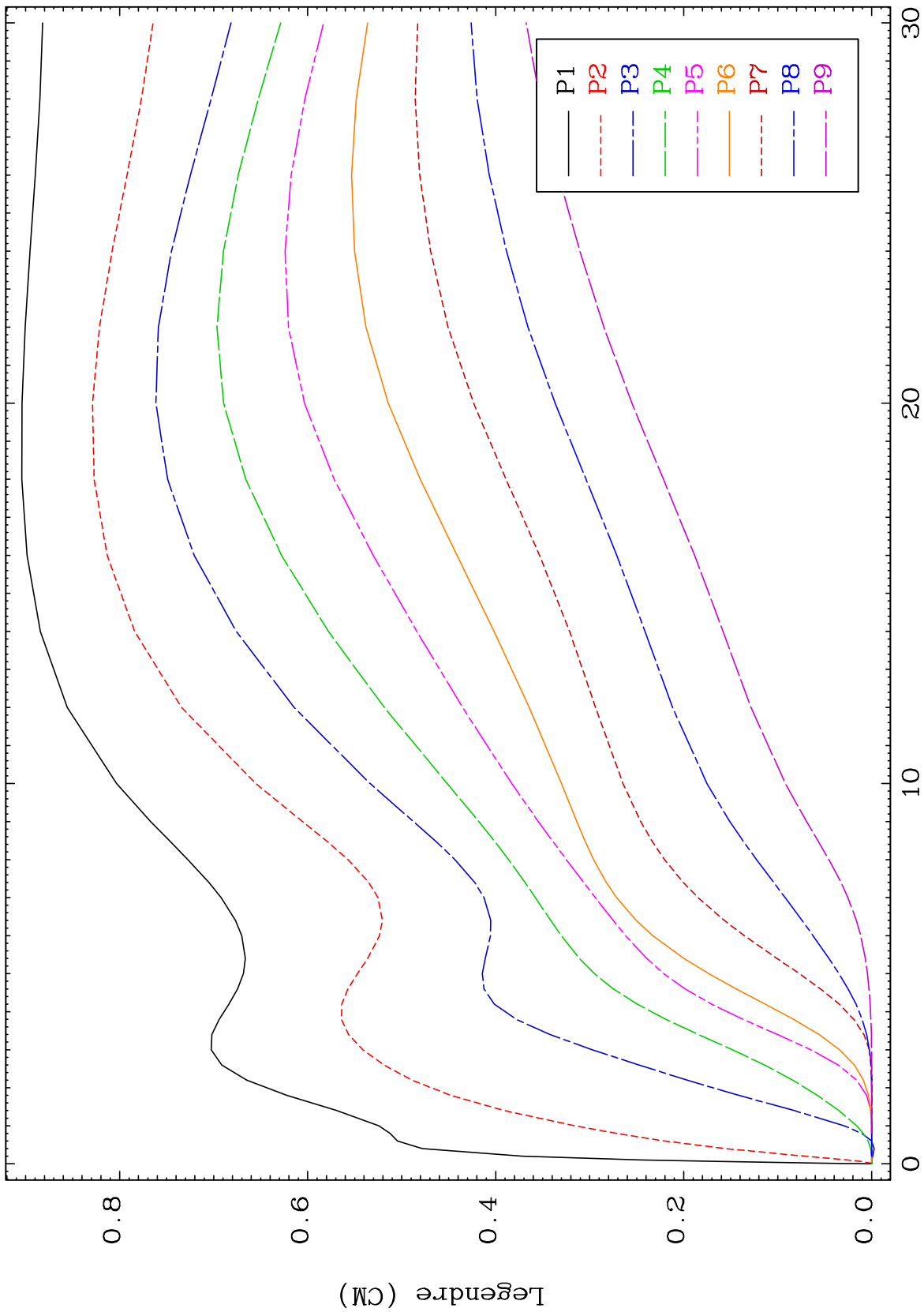
55-Cs-126



MAT 5504

55-Cs-126

Elastic Legendre Coefficients



55-Cs-126

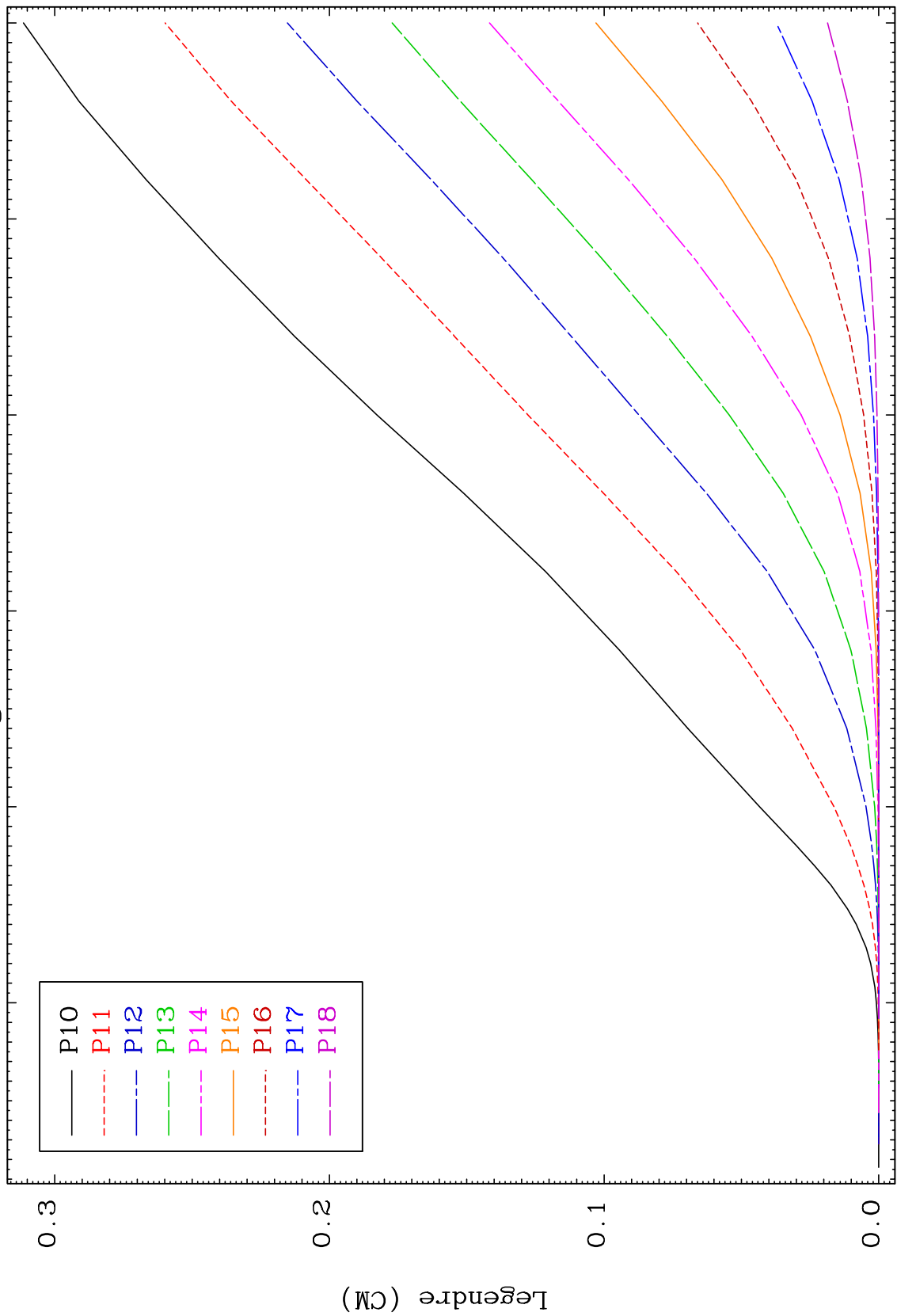
Incident Energy (MeV)

18

MAT 5504

Elastic Legendre Coefficients

55-Cs-126



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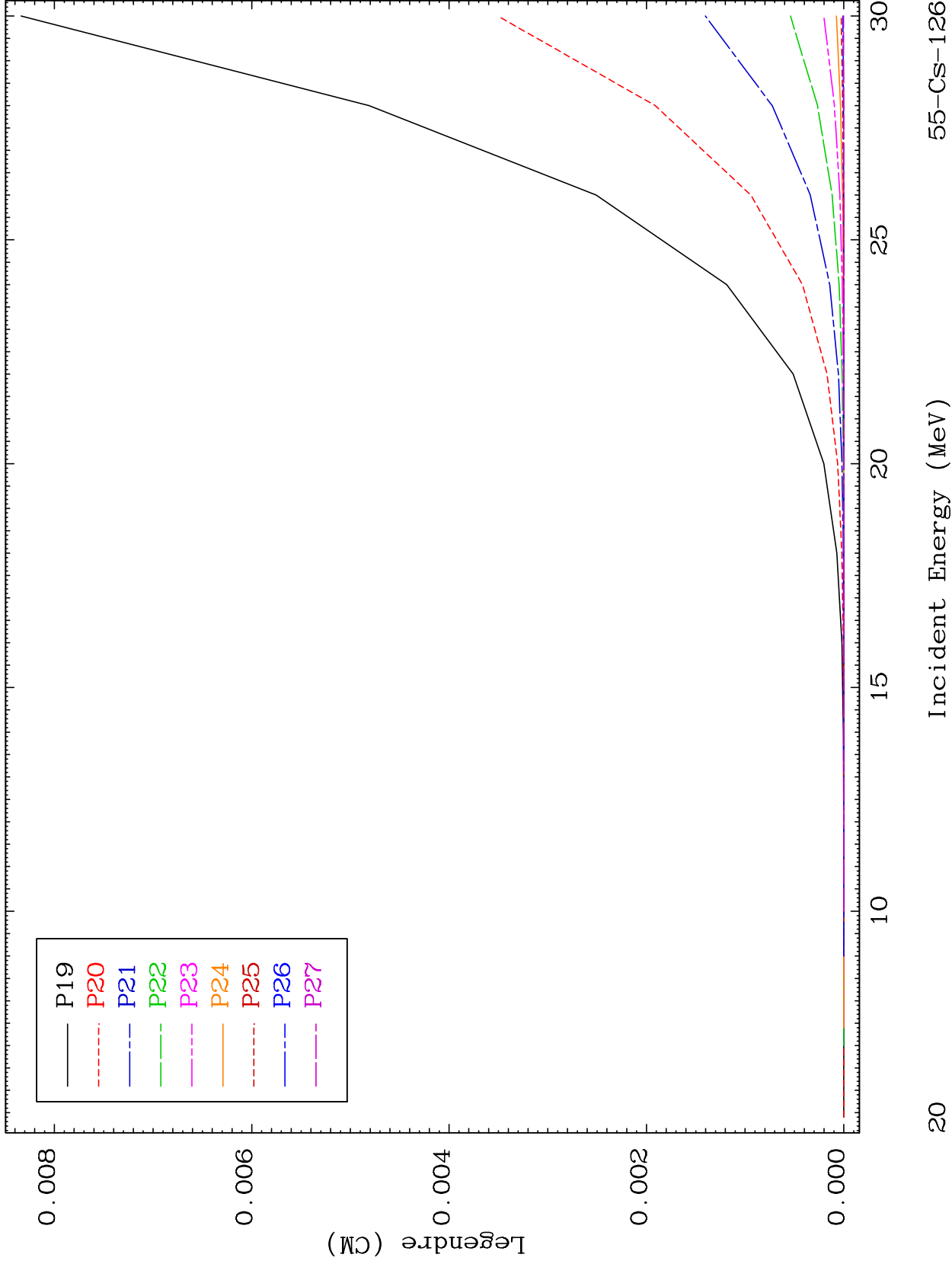
Incident Energy (MeV)

55-Cs-126

MAT 5504

### Elastic Legendre Coefficients

55-Cs-126



20

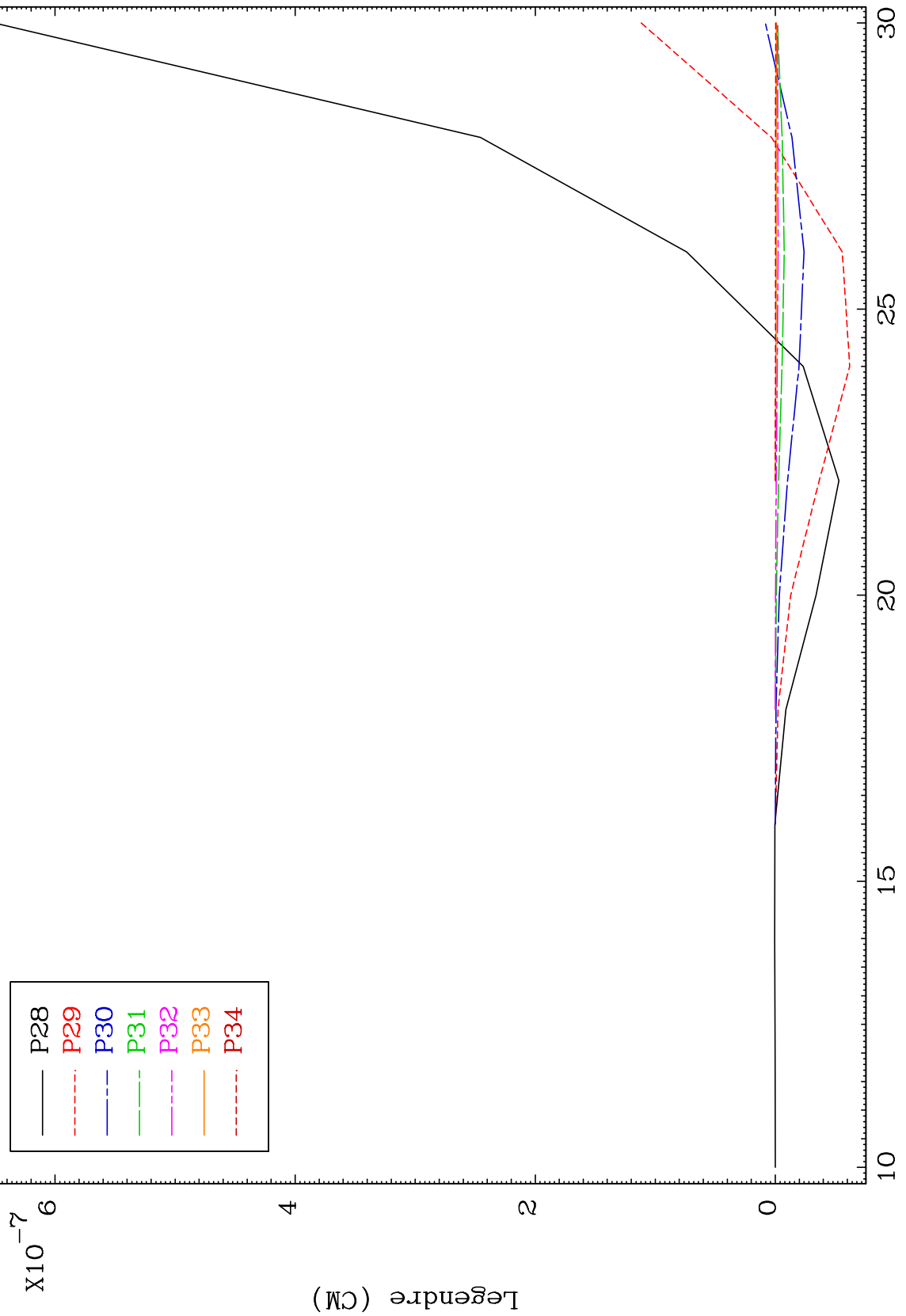
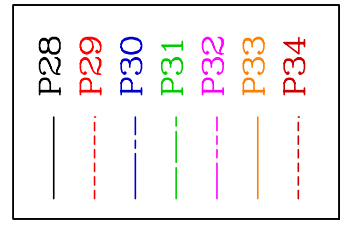
Incident Energy (MeV)

55-Cs-126

MAT 5504

Elastic  
Legendre Coefficients

55-Cs-126



21

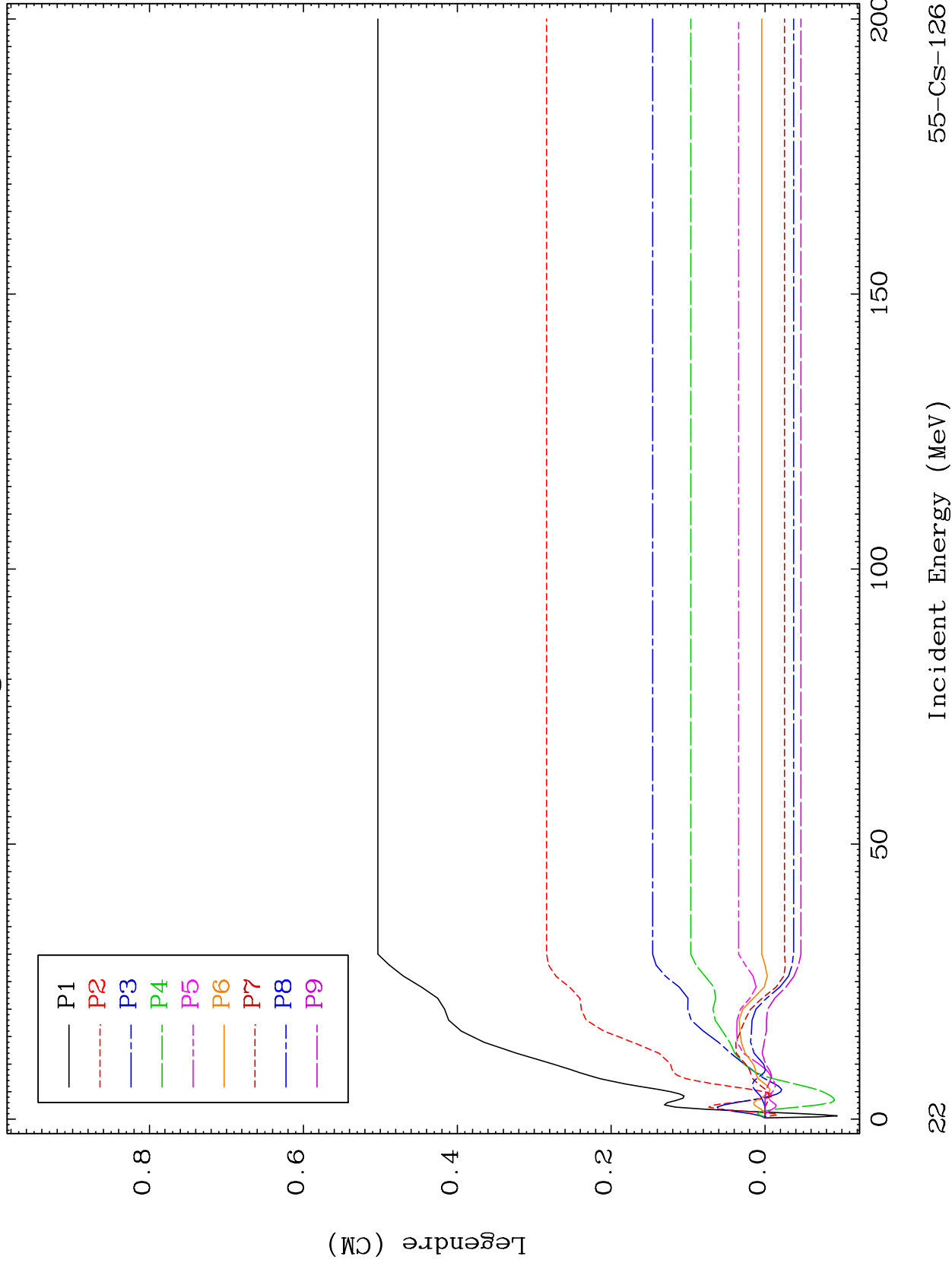
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55-Cs-126

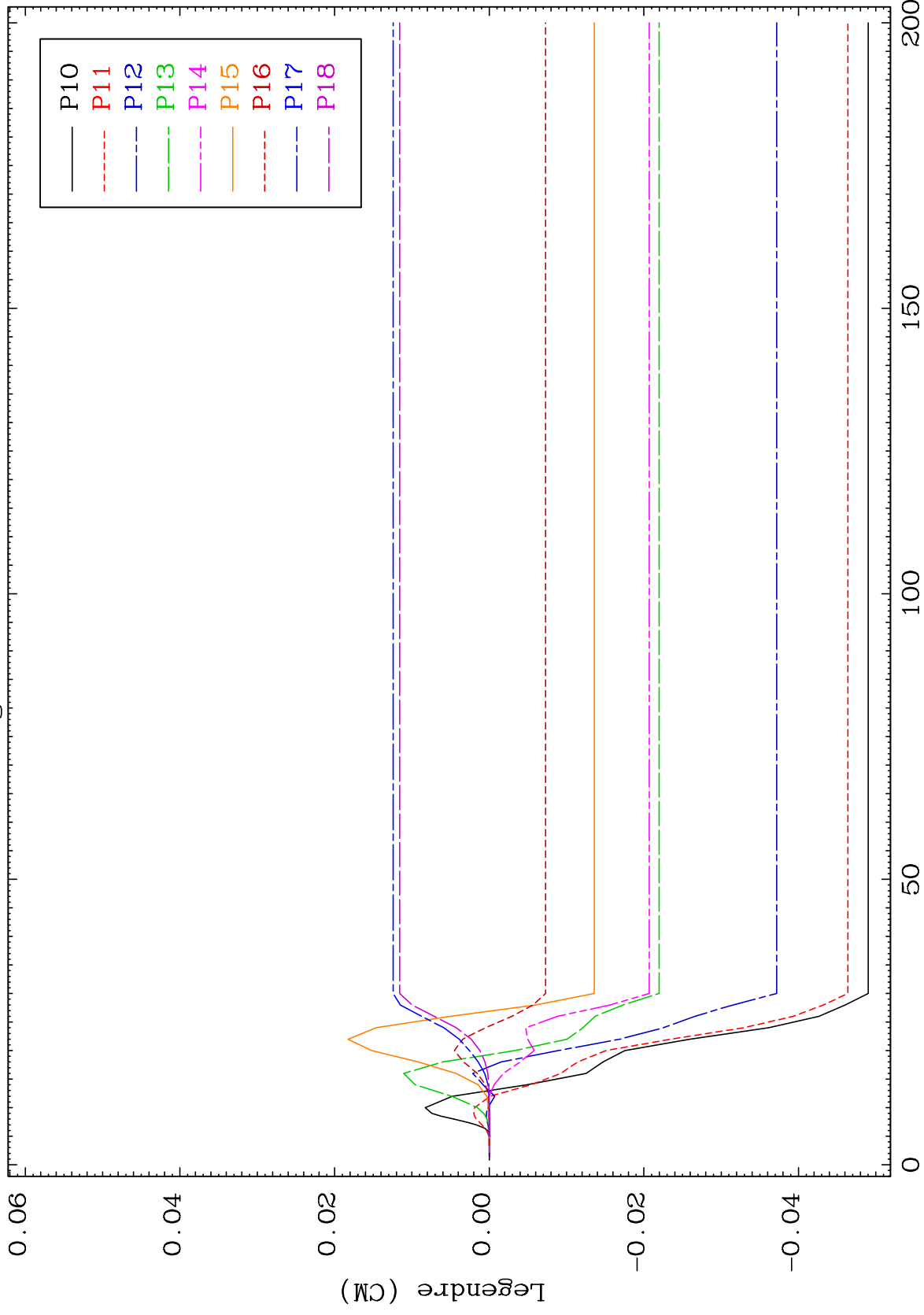
Incident Energy (MeV)

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MAT 5504

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

55-Cs-126



23

Incident Energy (MeV)

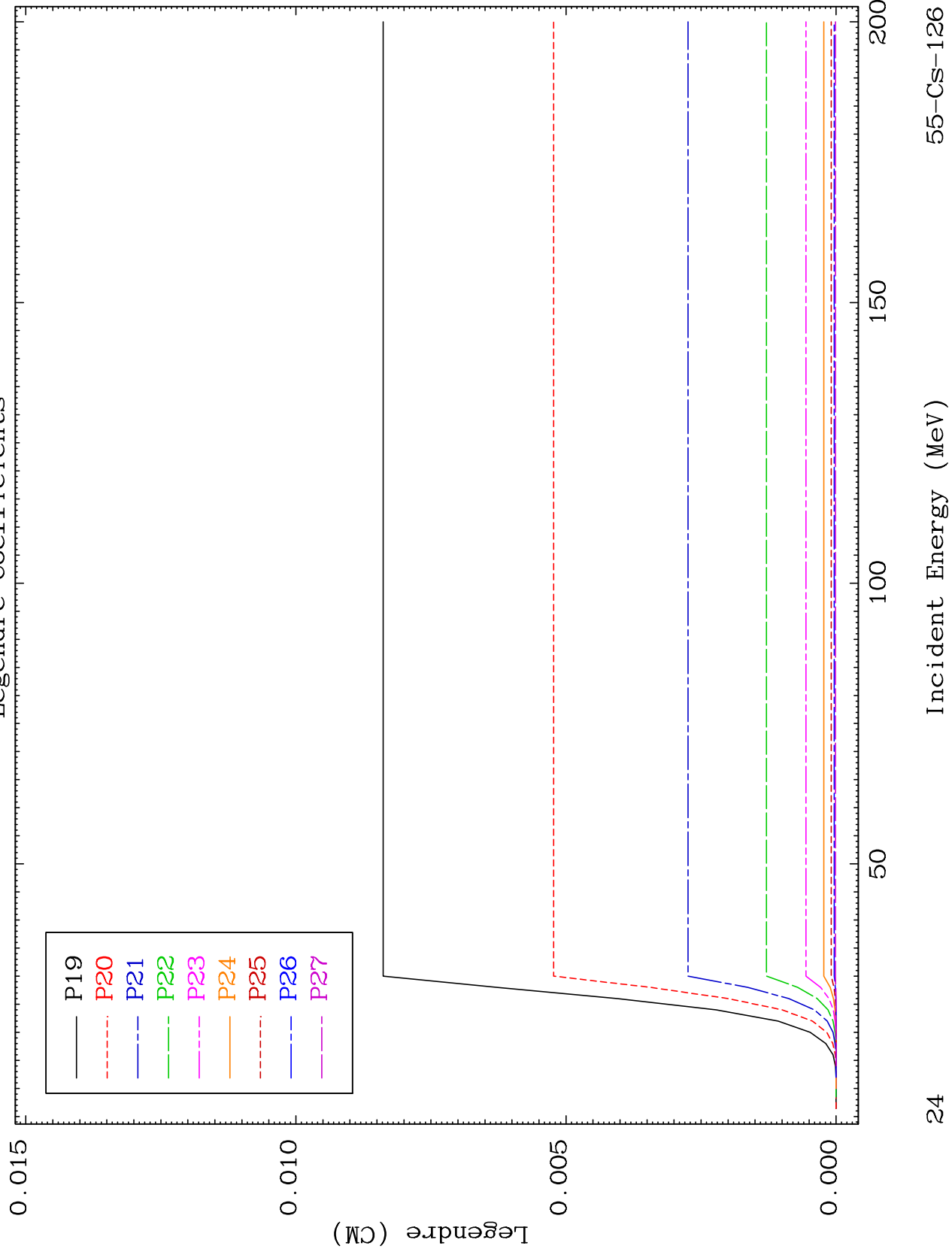
55-Cs-126



MAT 5504

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

55-Cs-126



24

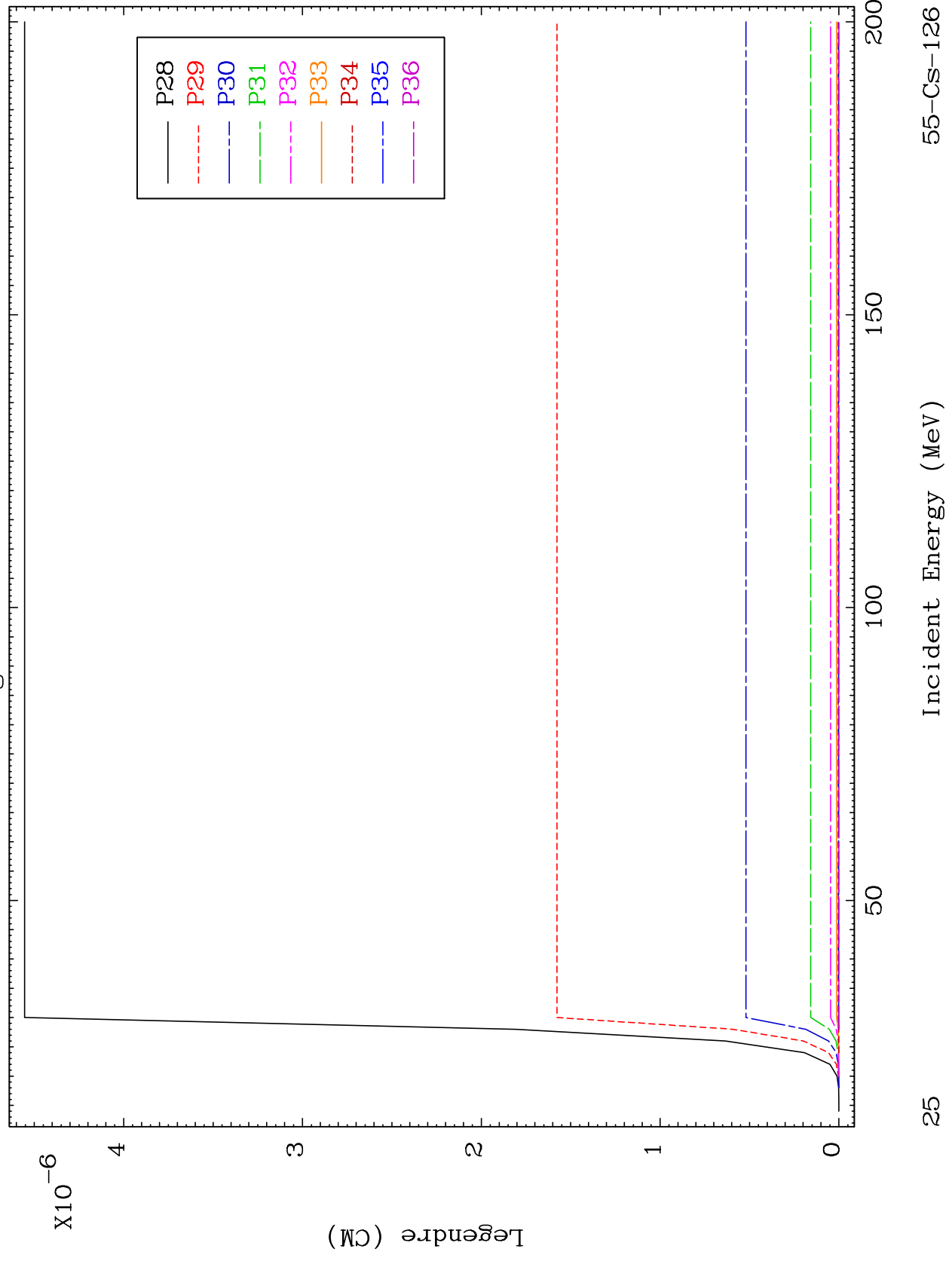
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55-Cs-126

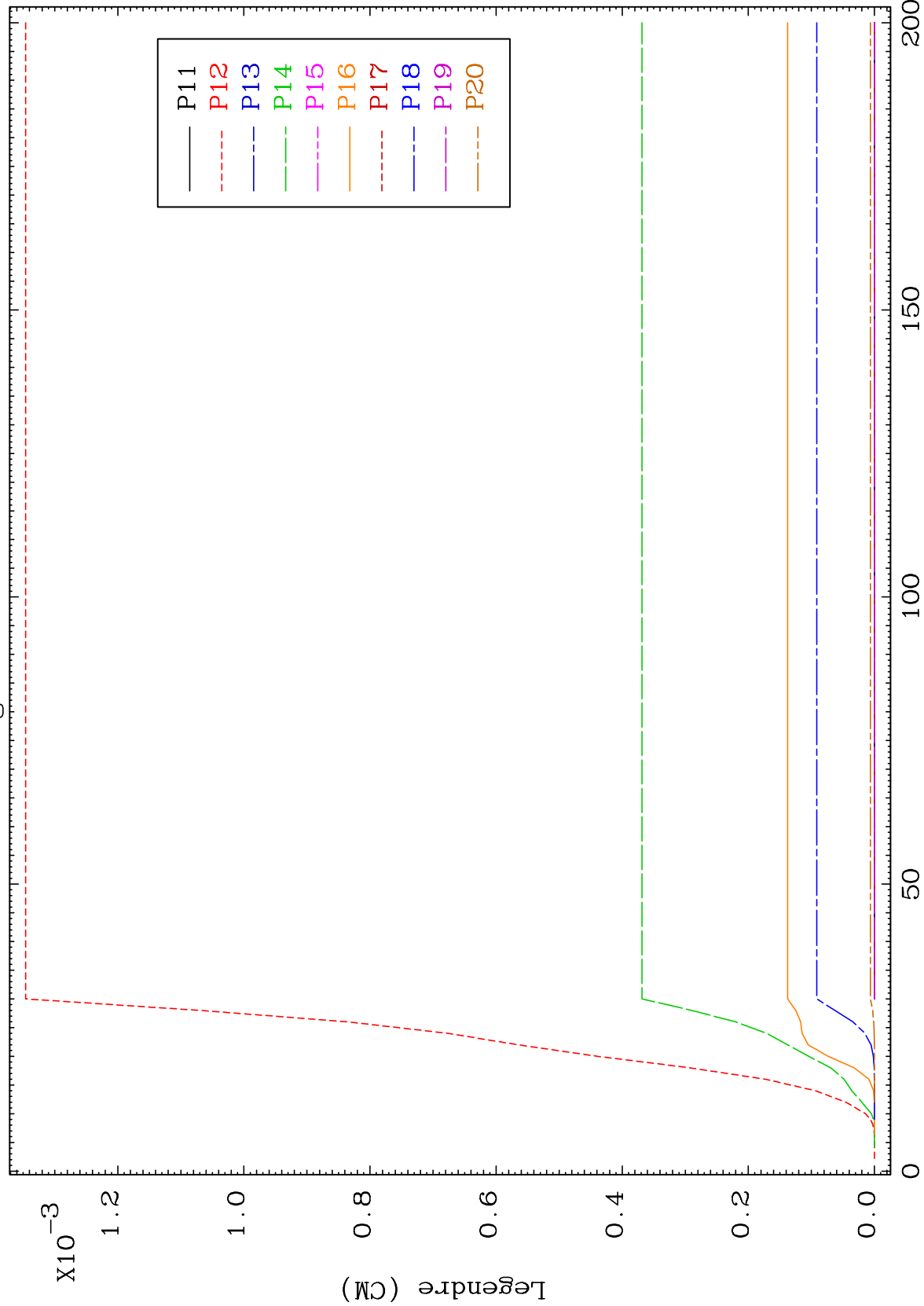
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MAT 5504

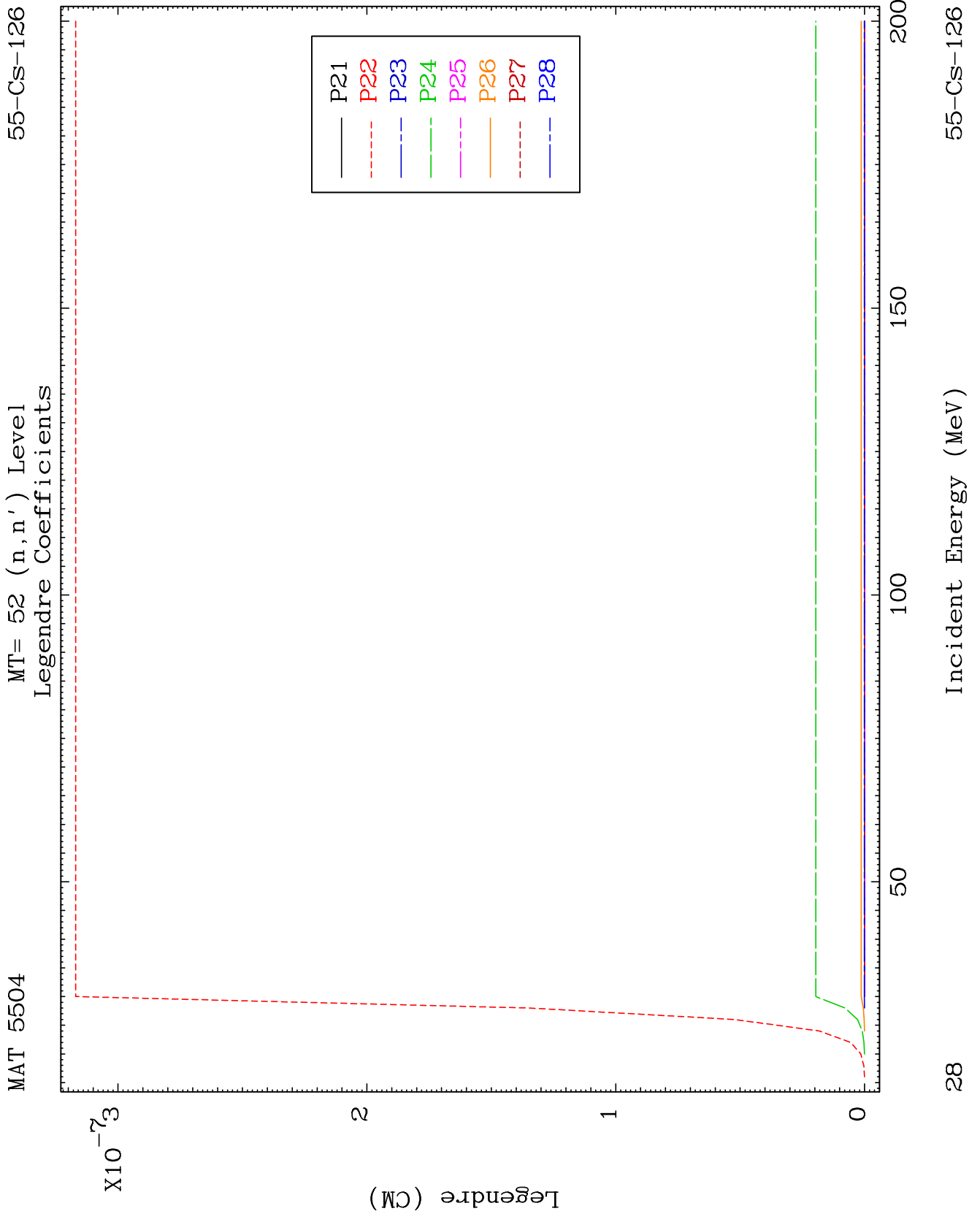
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Legendre Coefficients

55-Cs-126



27

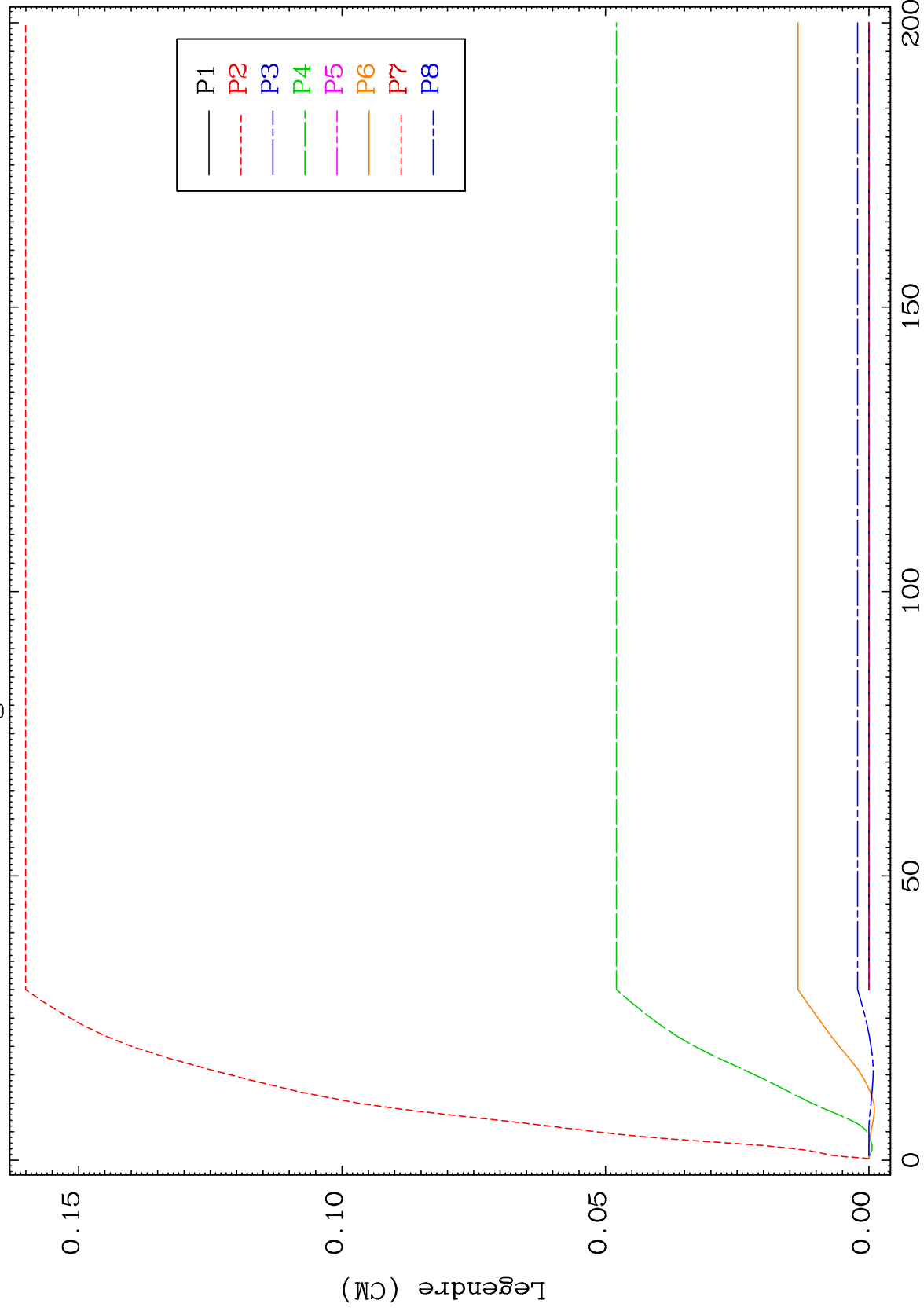
55-Cs-126



MAT 5504

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

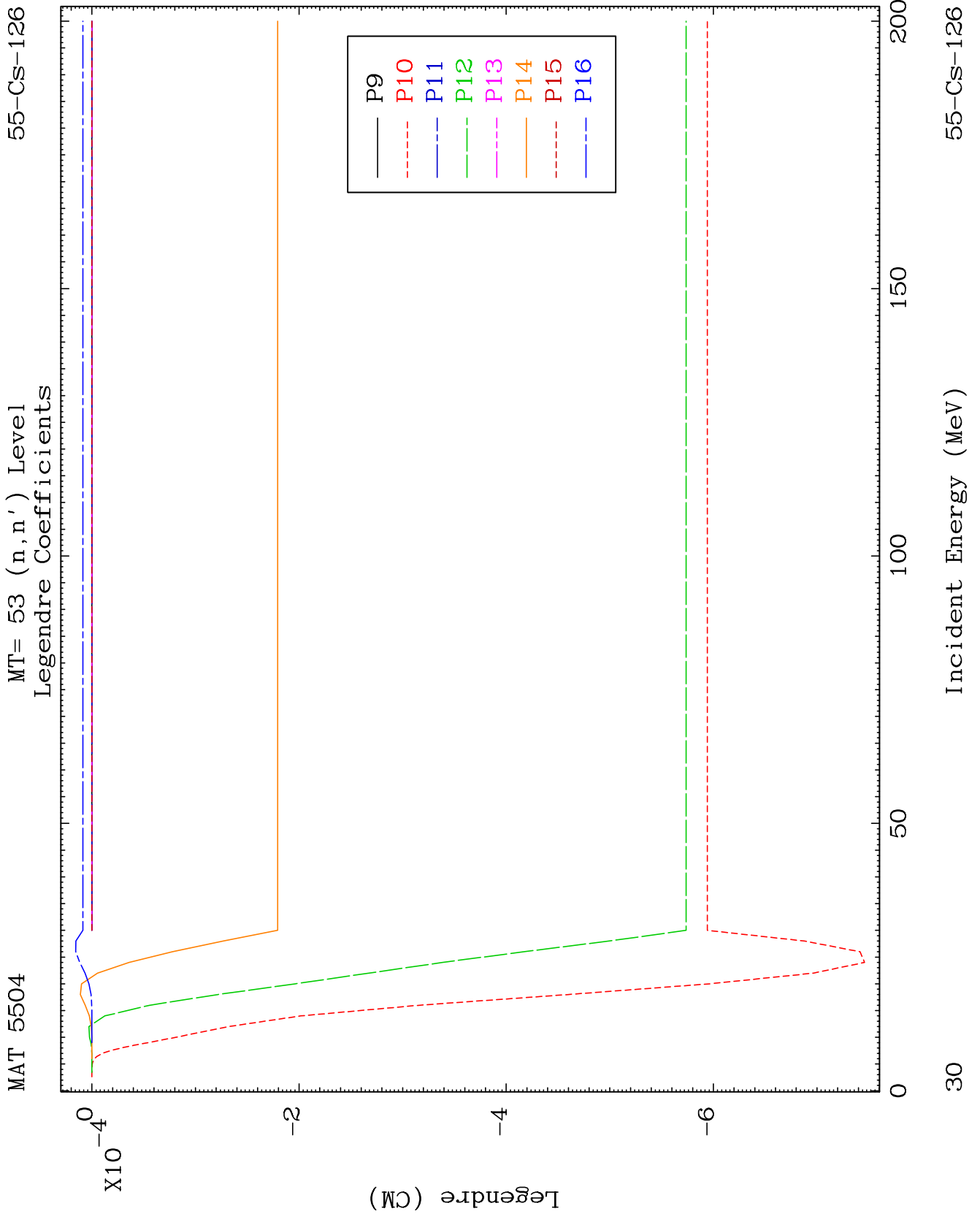
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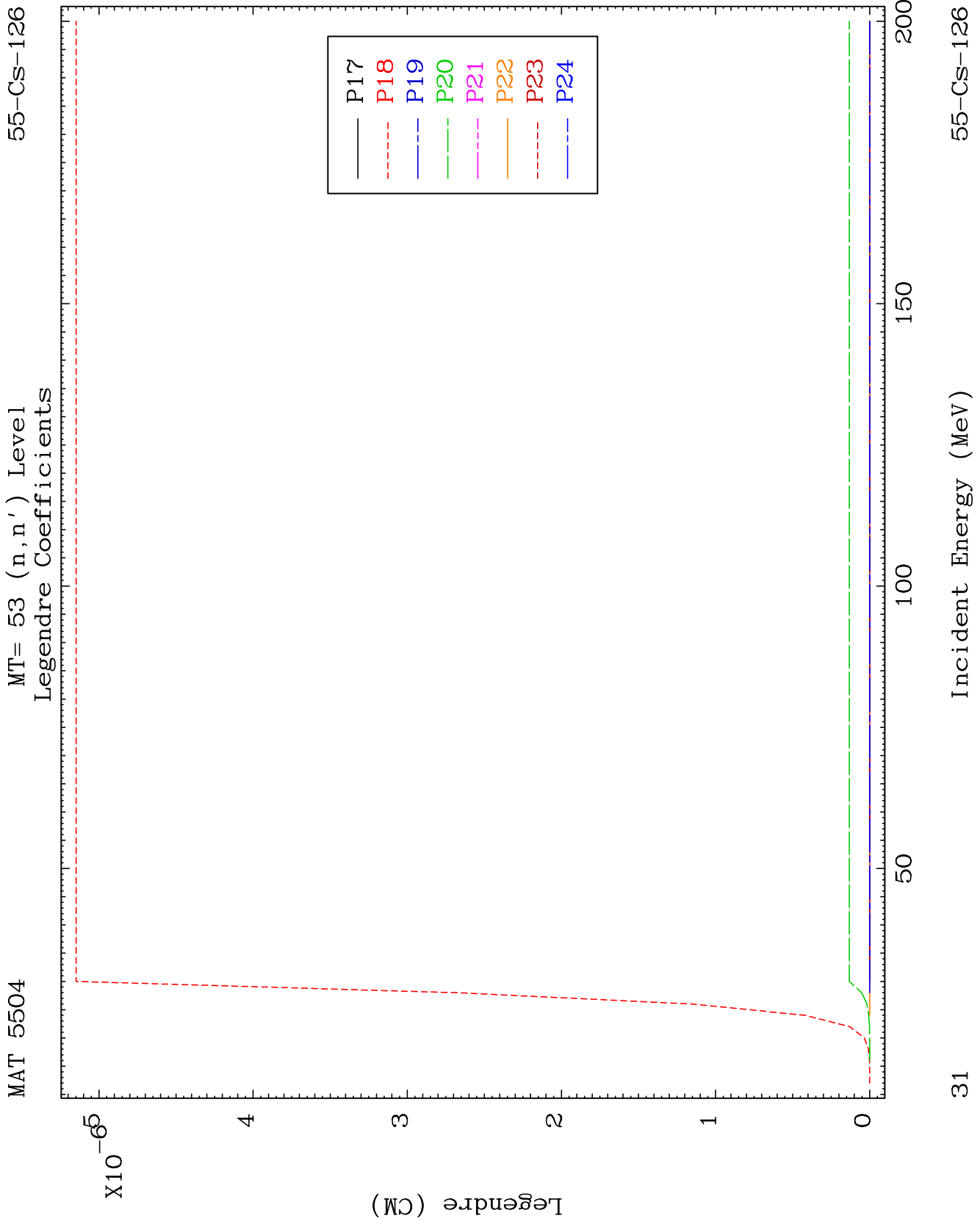


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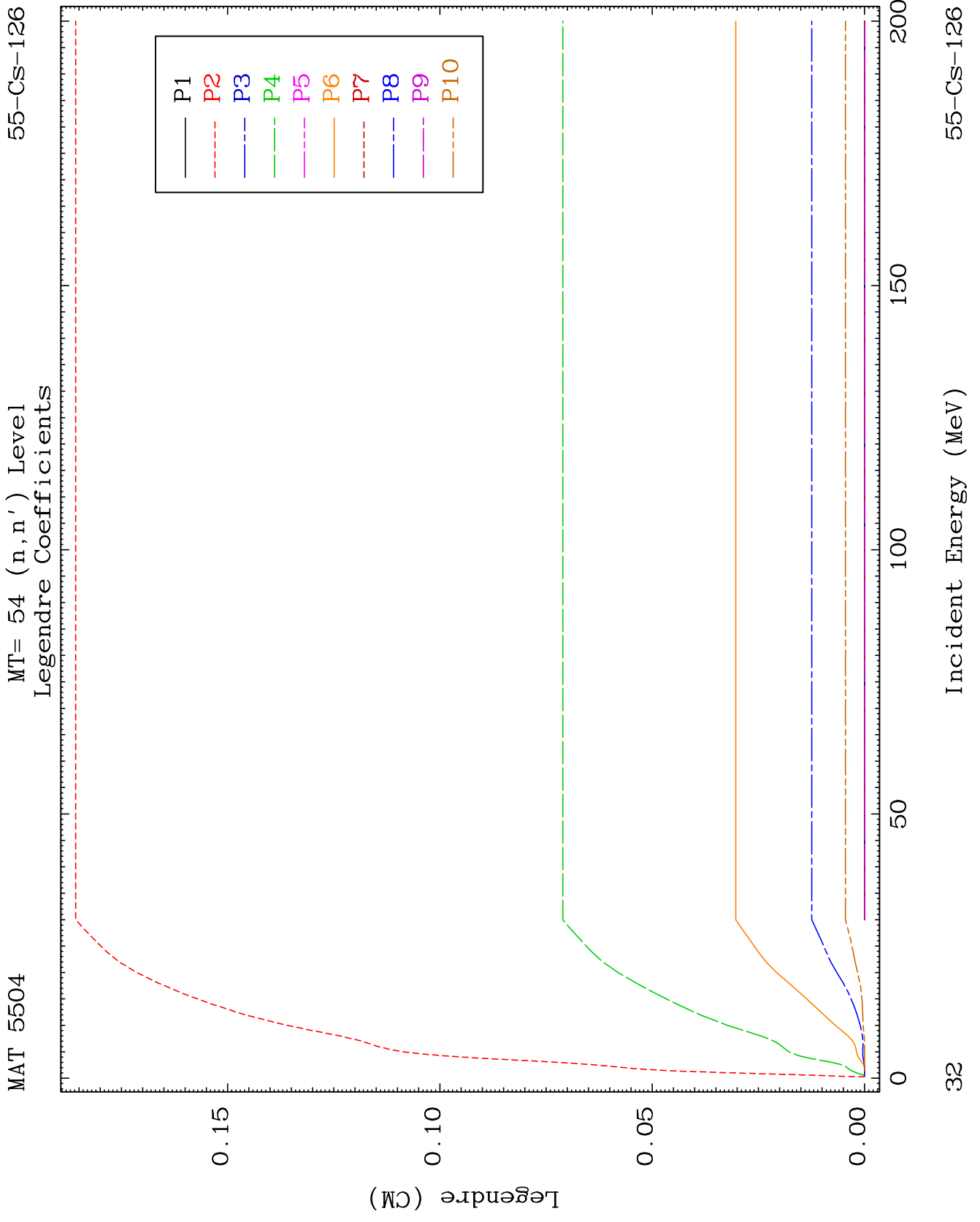
Incident Energy (MeV)

55-Cs-126









55-Cs-126

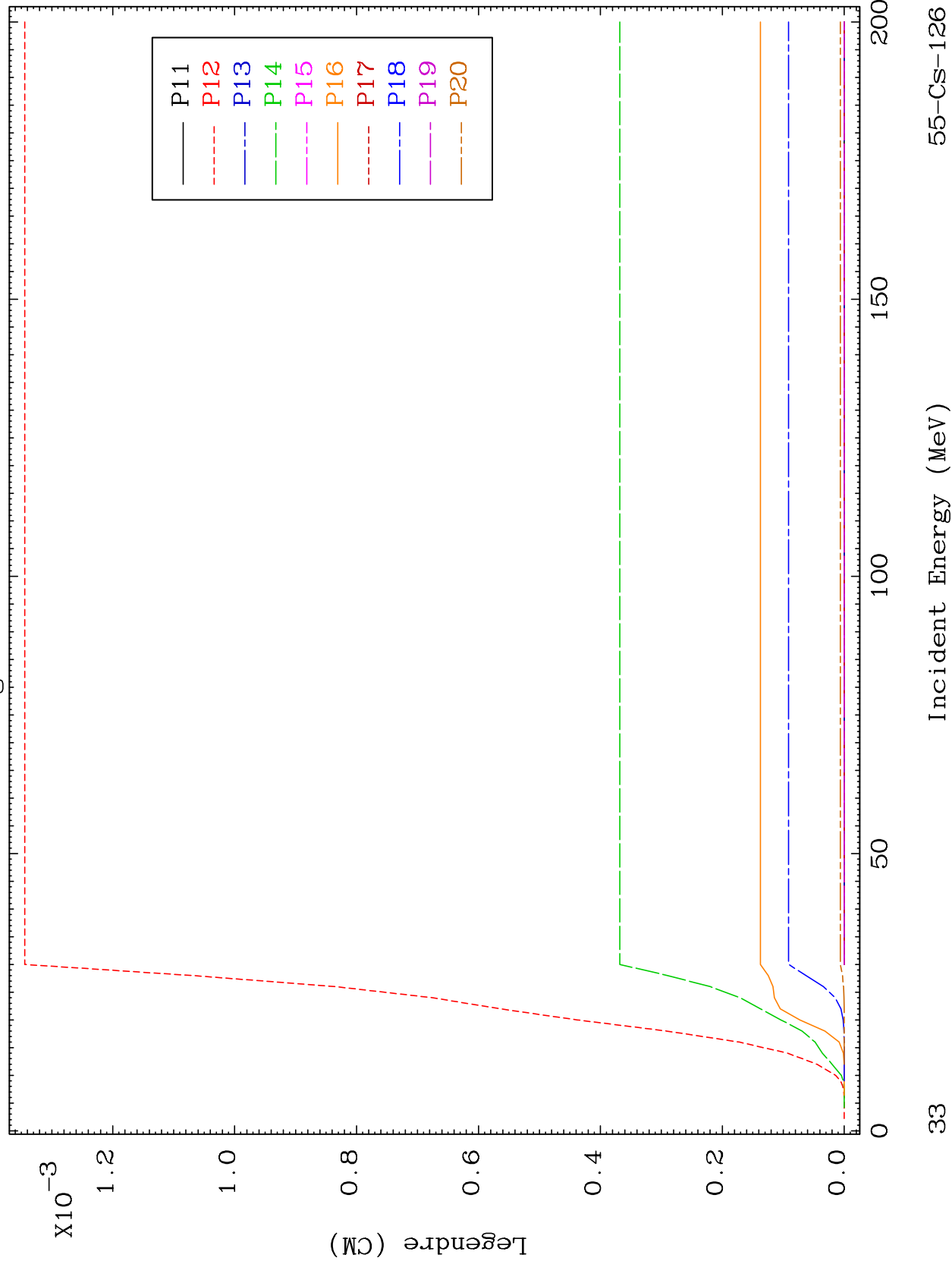
Incident Energy (MeV)

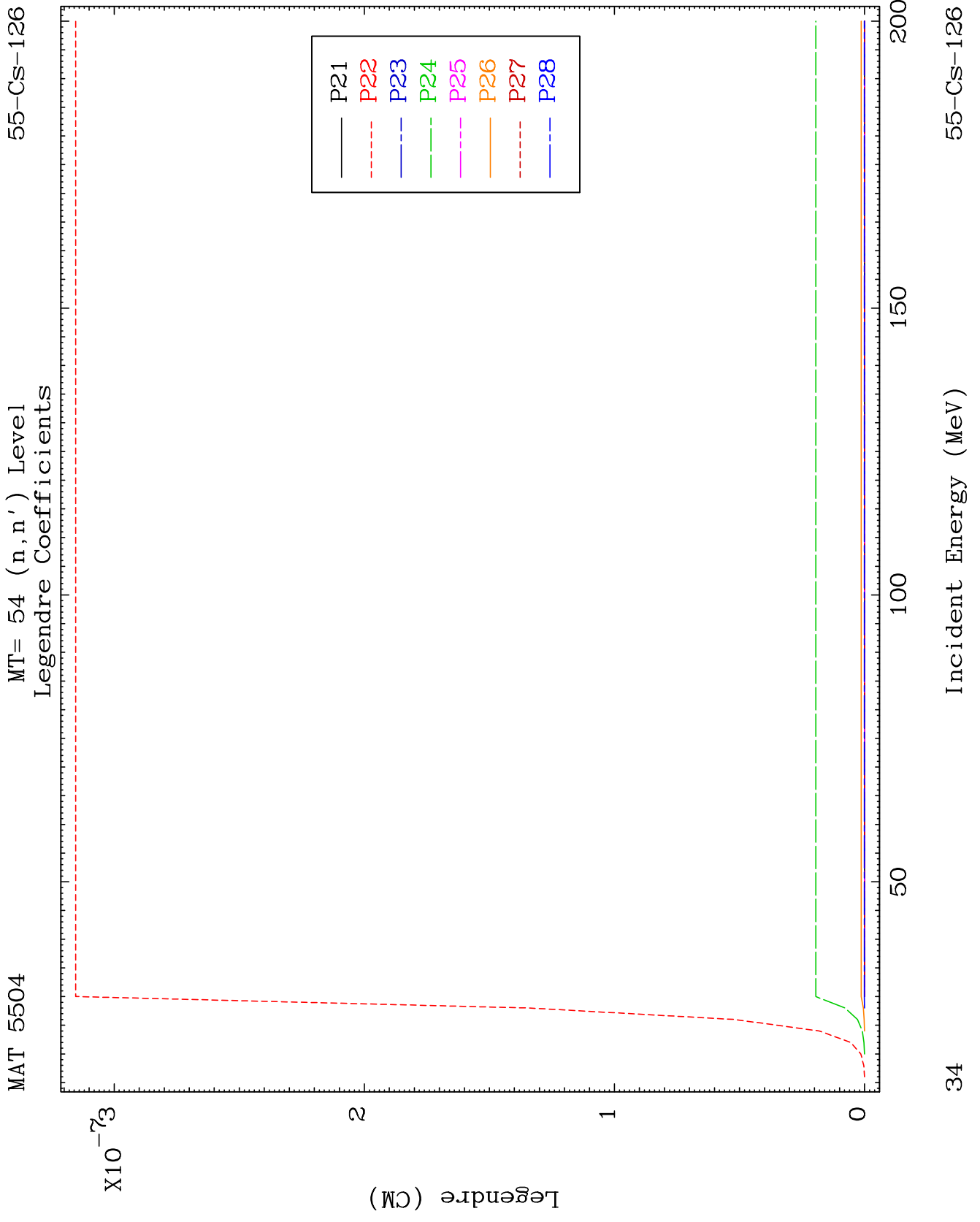
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MAT 5504

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

55-Cs-126

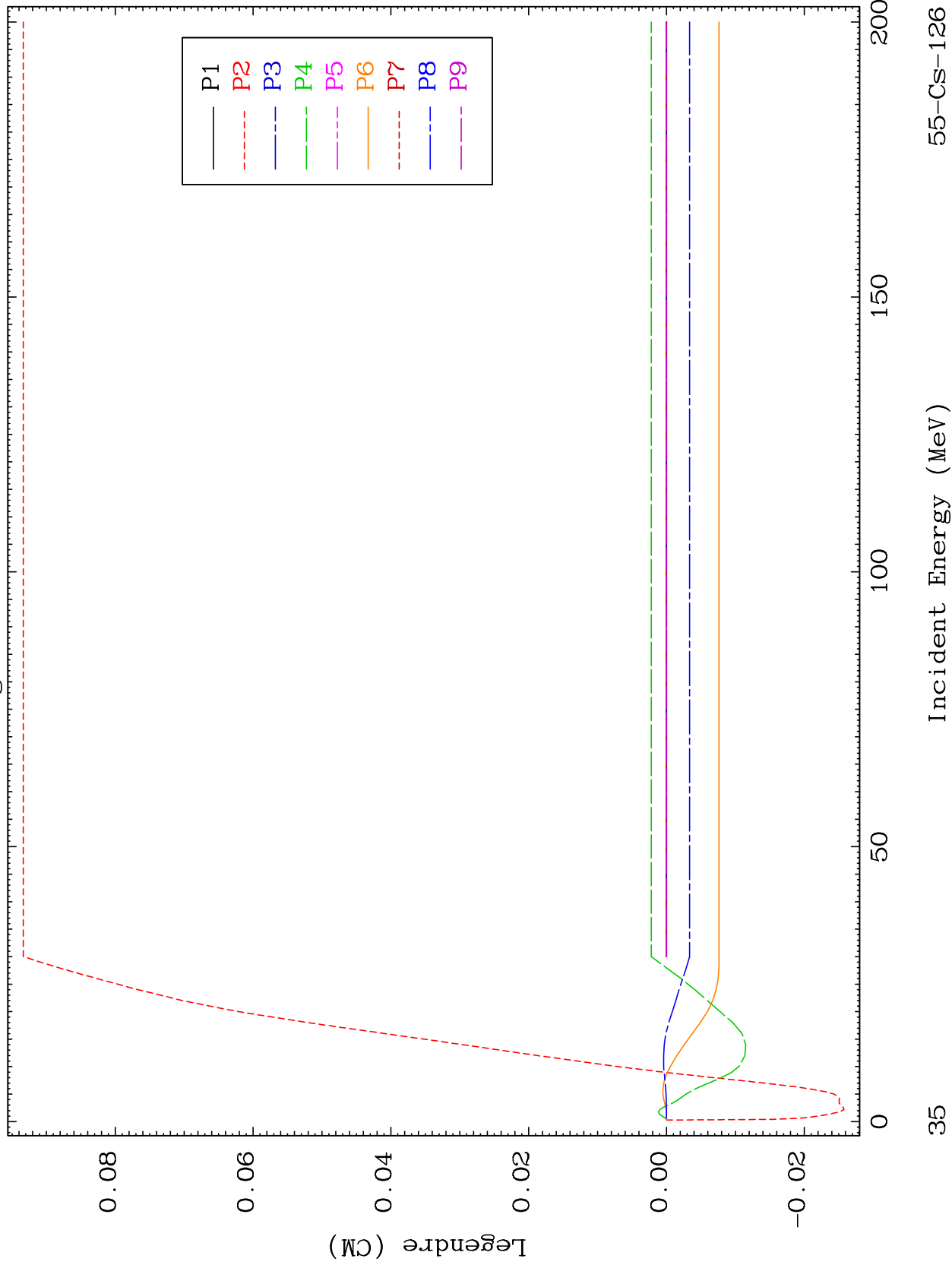




MAT 5504

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

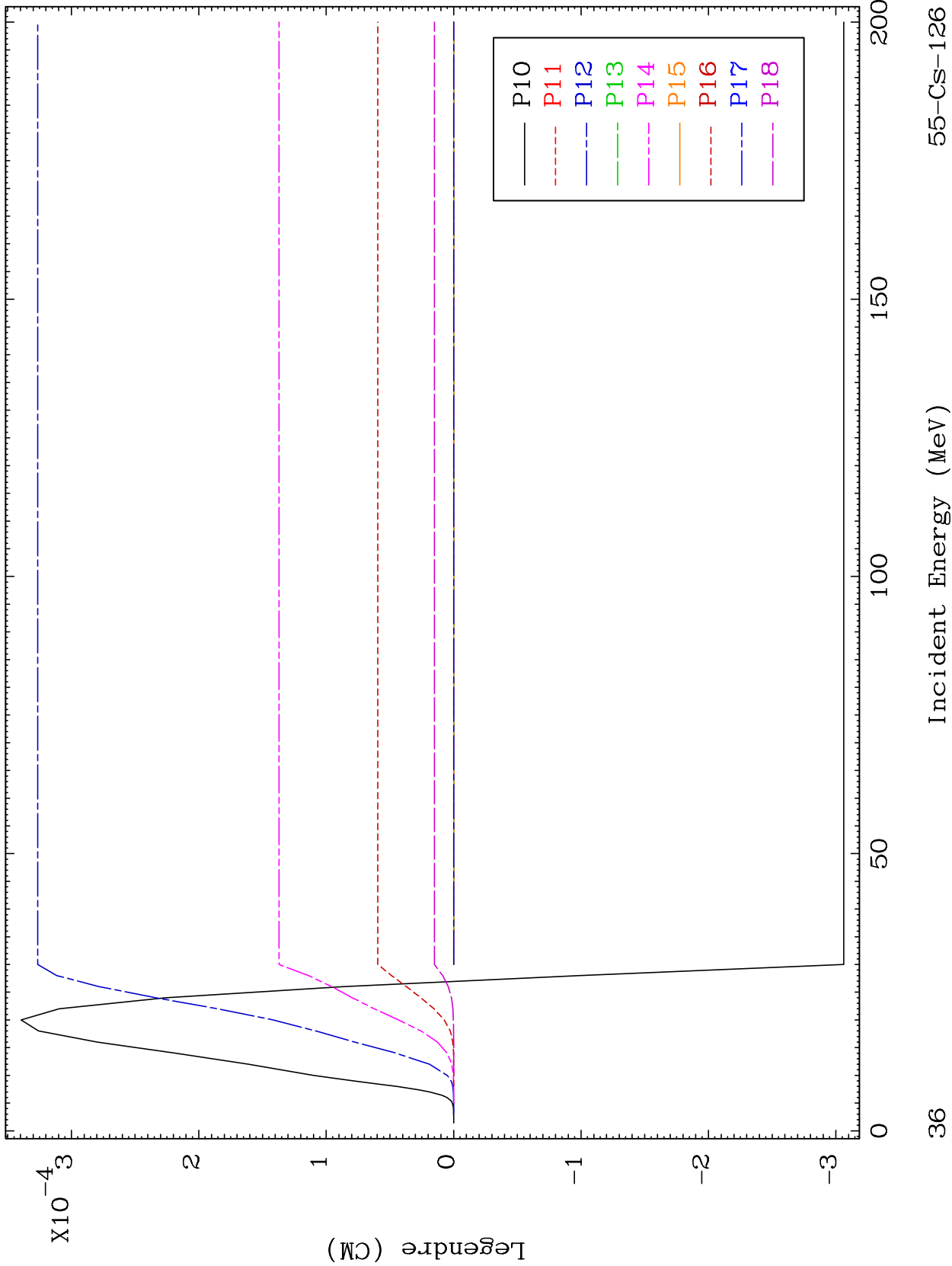
55-Cs-126



55-Cs-126

Incident Energy (MeV)

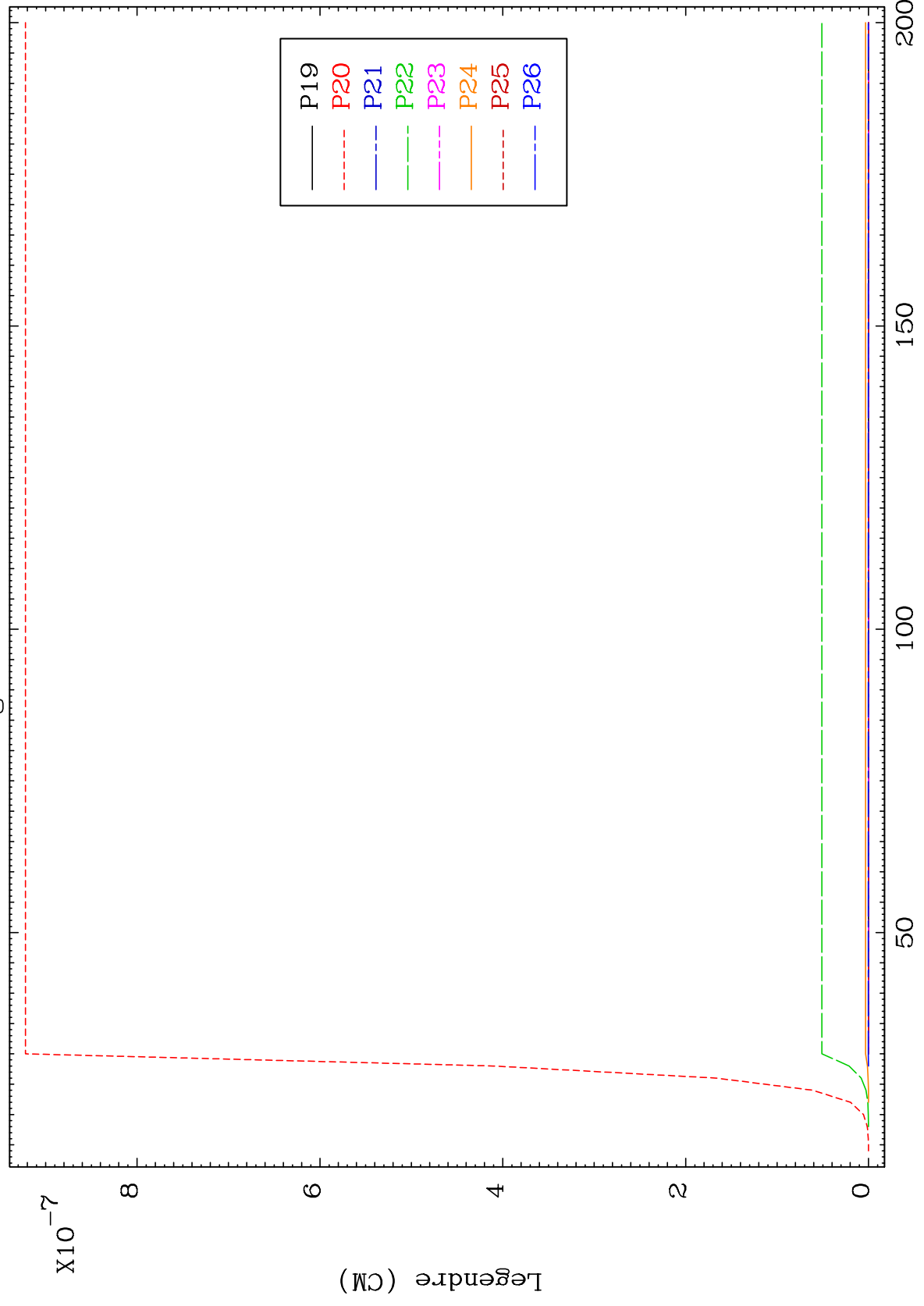
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MAT 5504

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

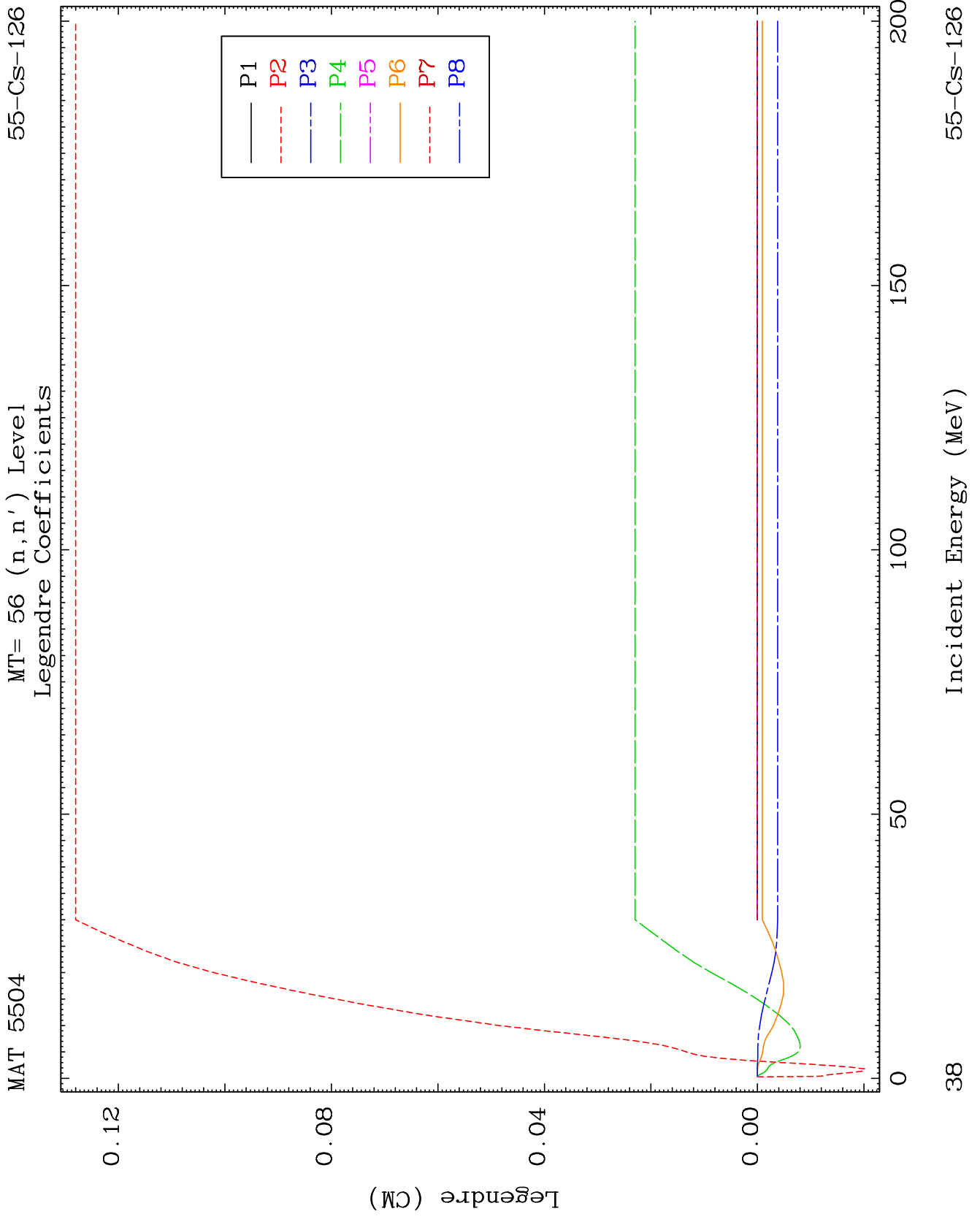
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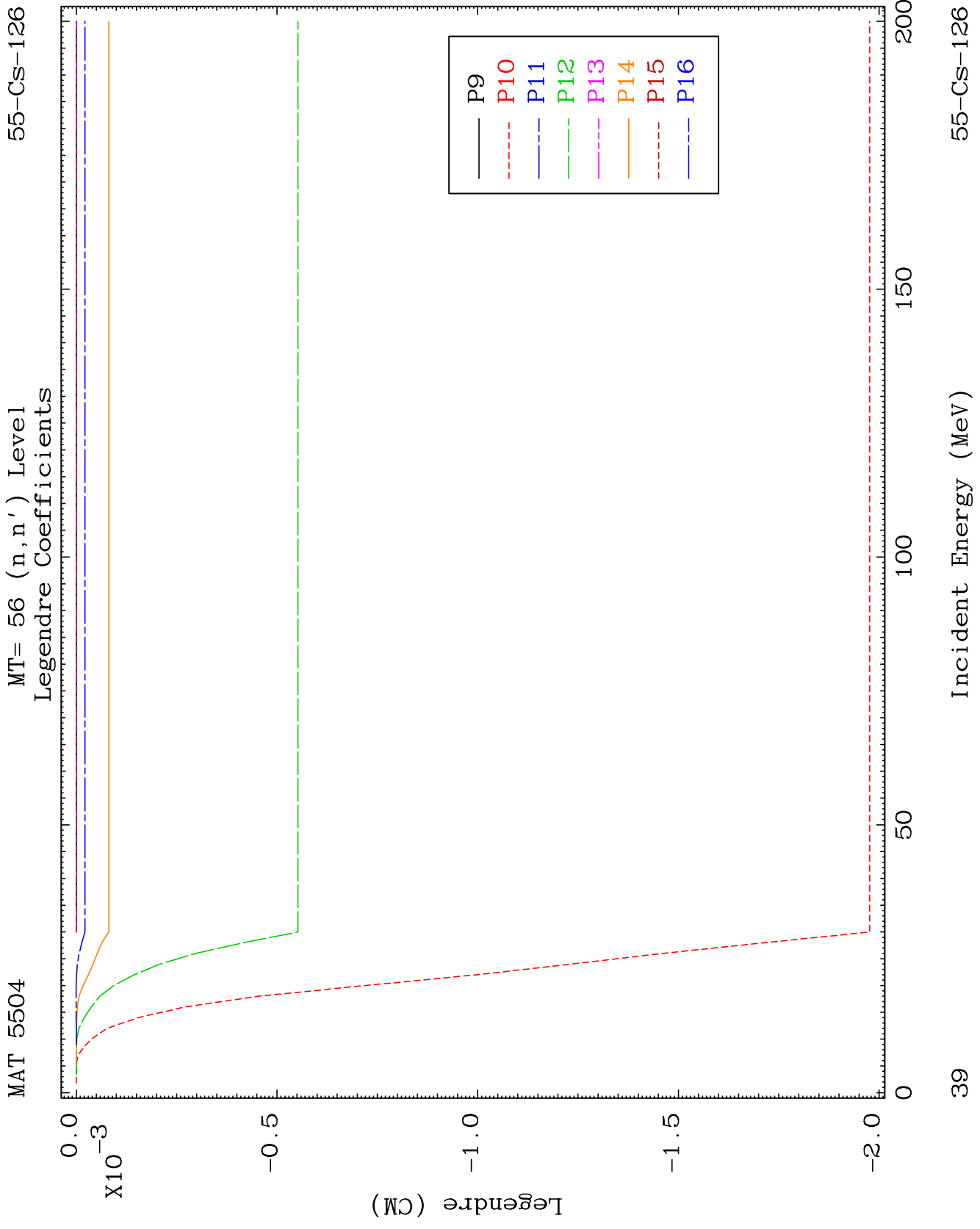


37

Incident Energy (MeV)

55-Cs-126



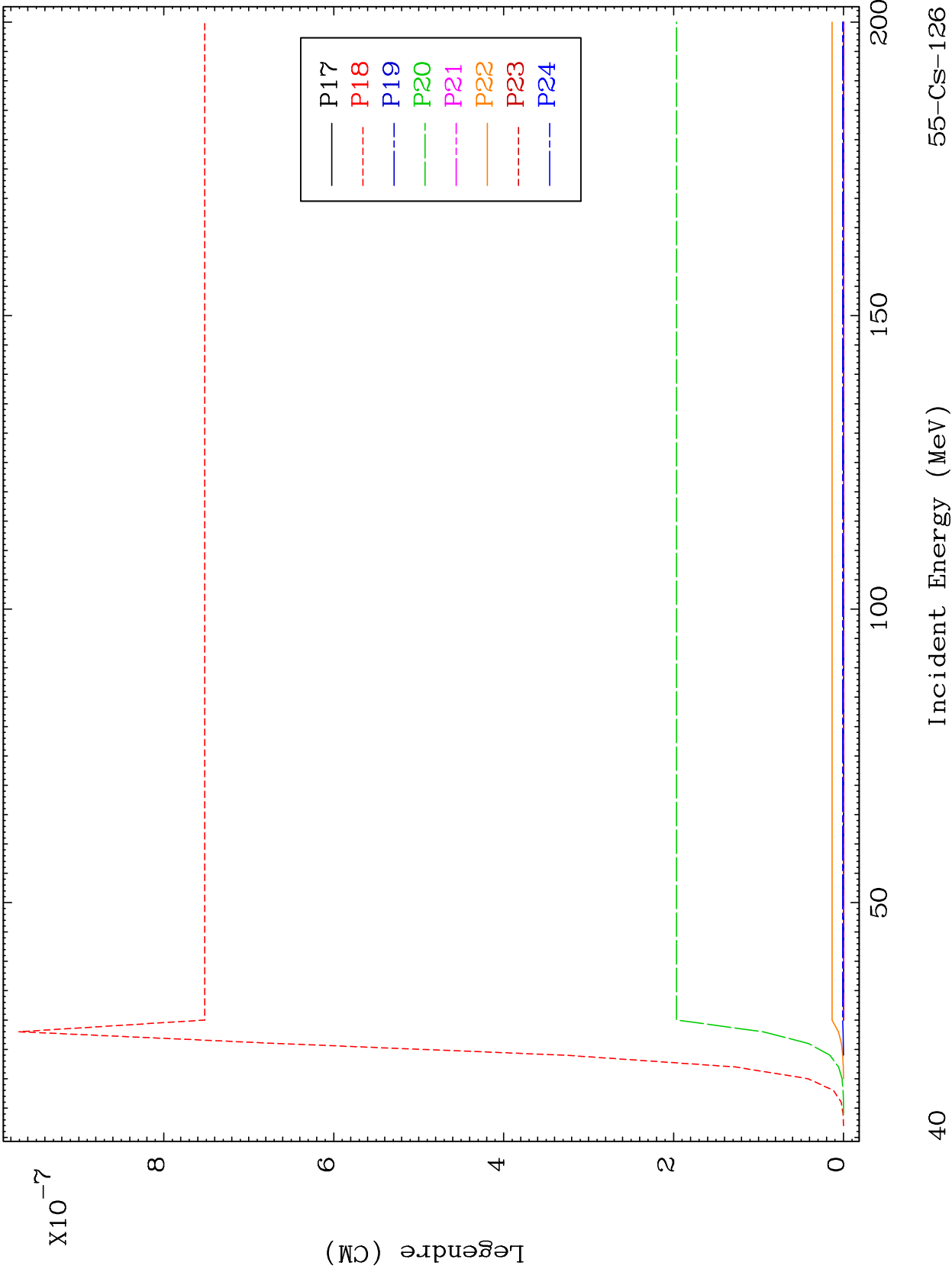


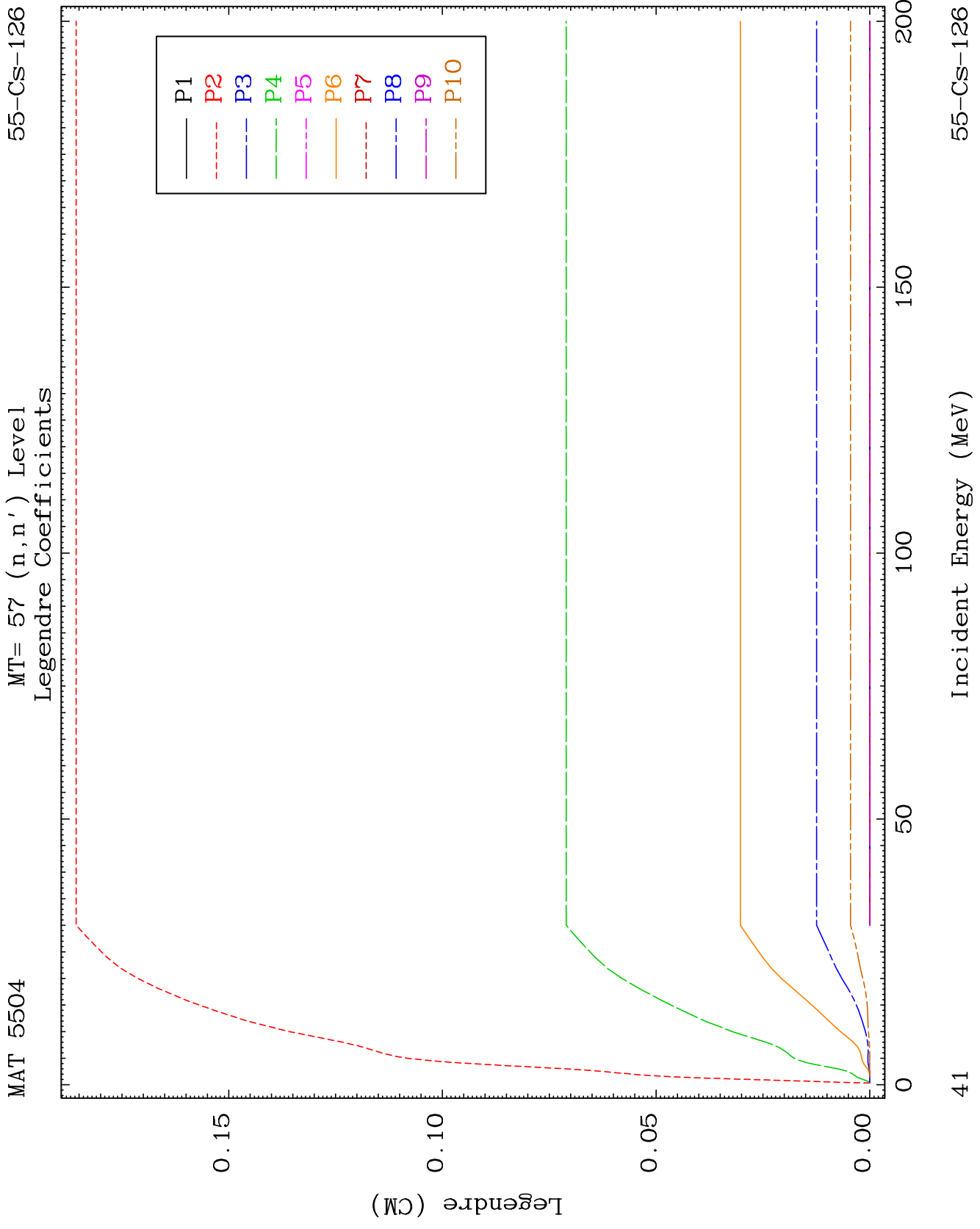


MAT 5504

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

55-Cs-126

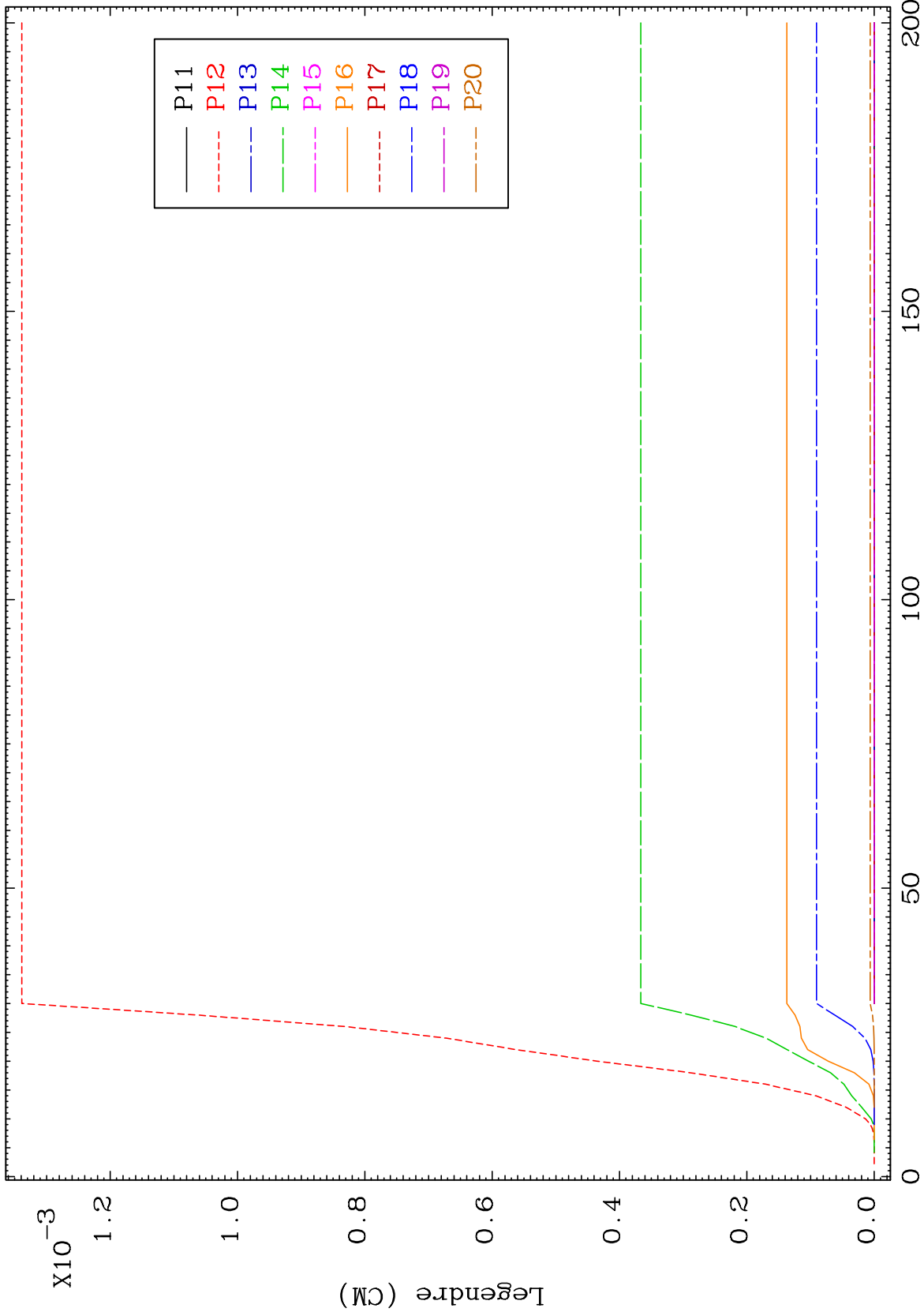




MAT 5504

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

55-Cs-126



42

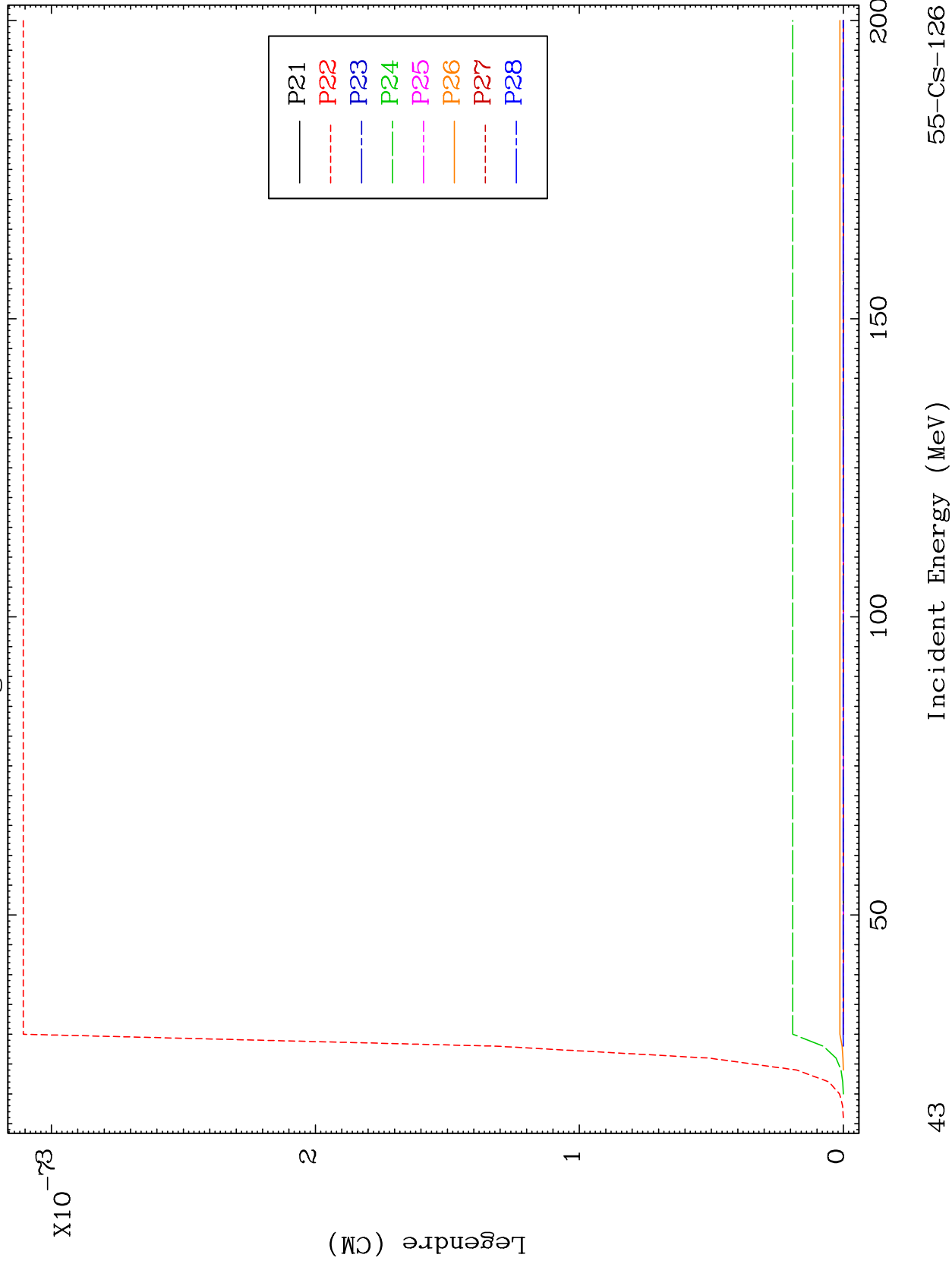
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



43

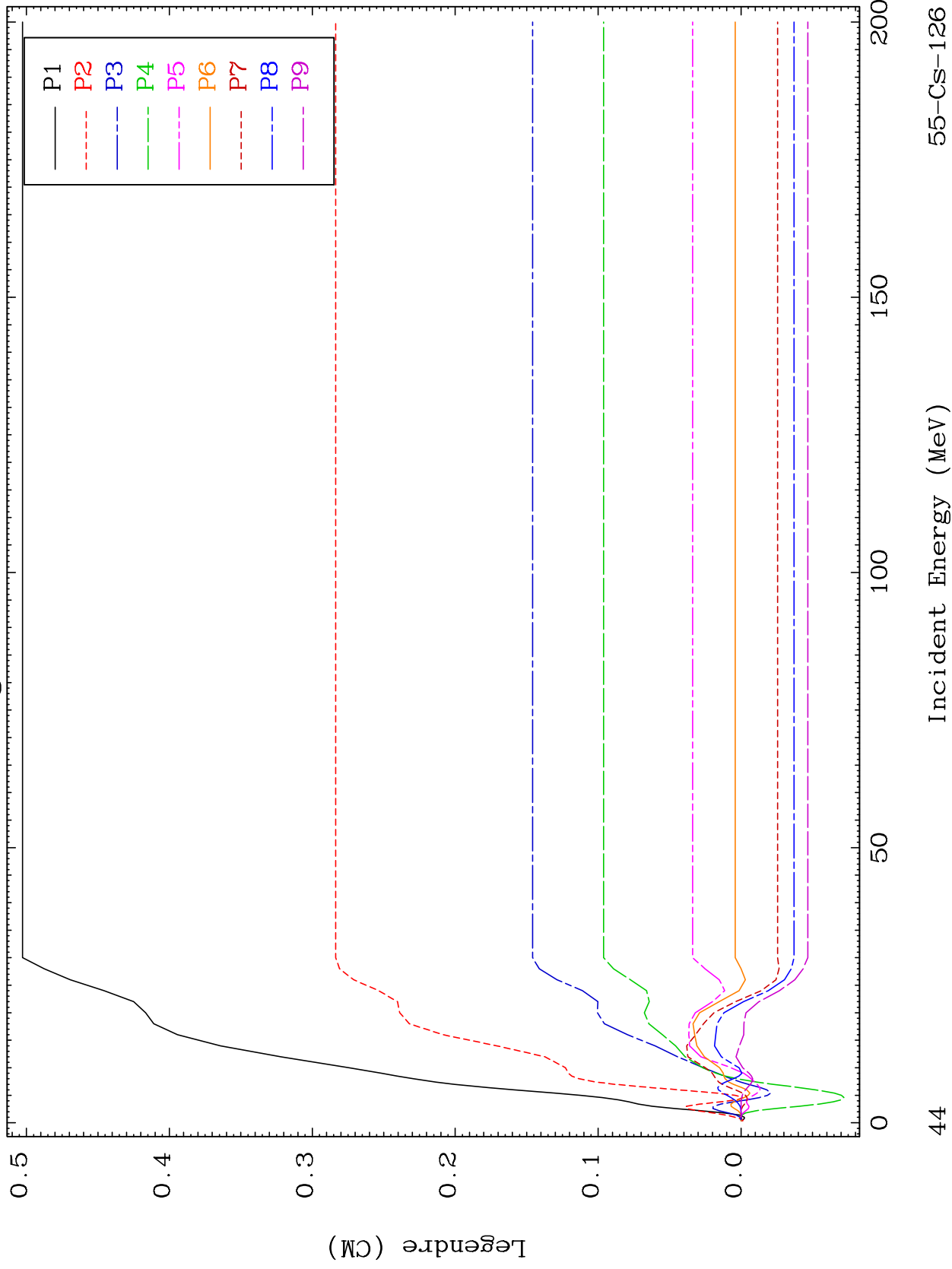
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55-Cs-126

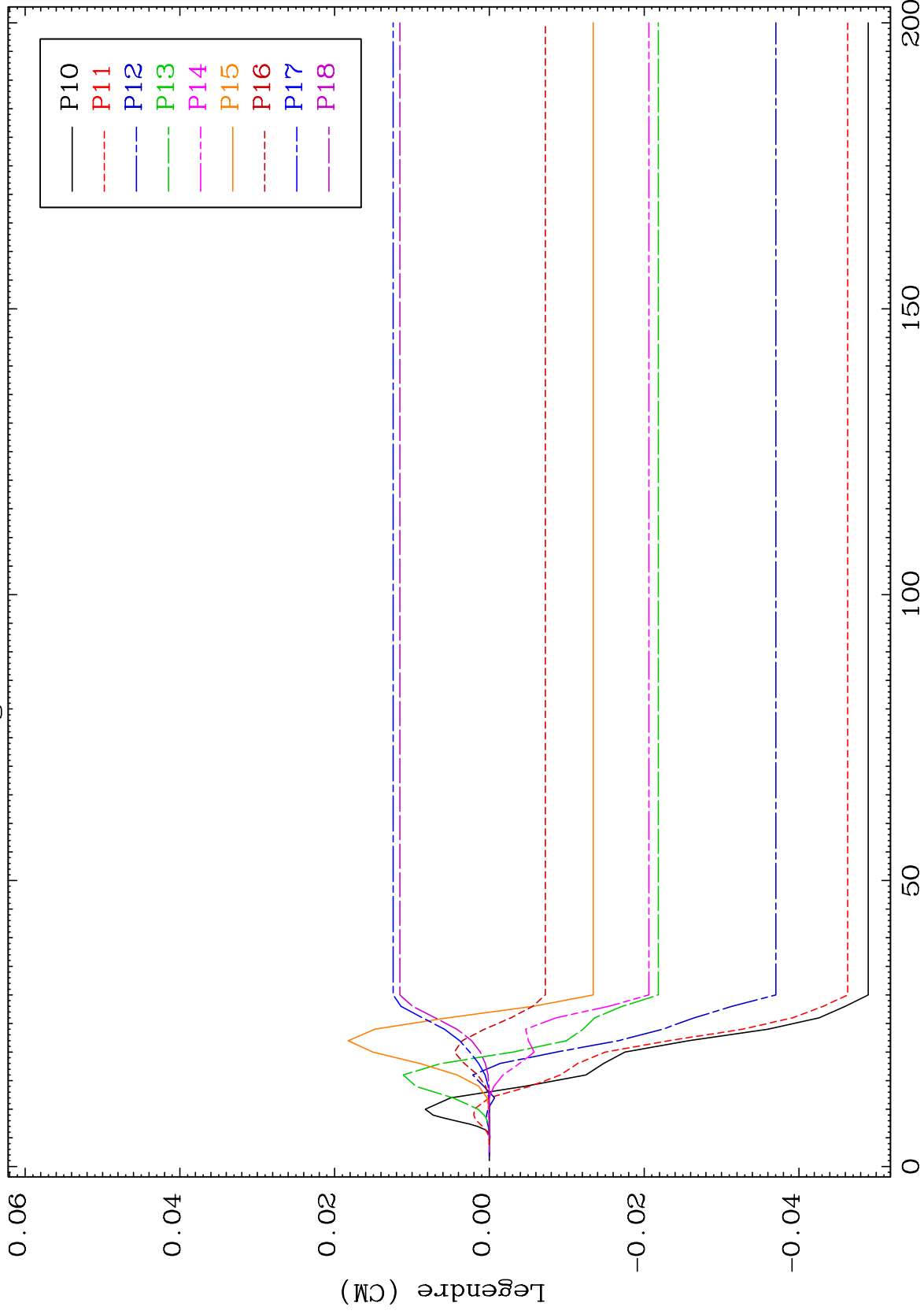
Incident Energy (MeV)

44

MAT 5504

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

55-Cs-126



45

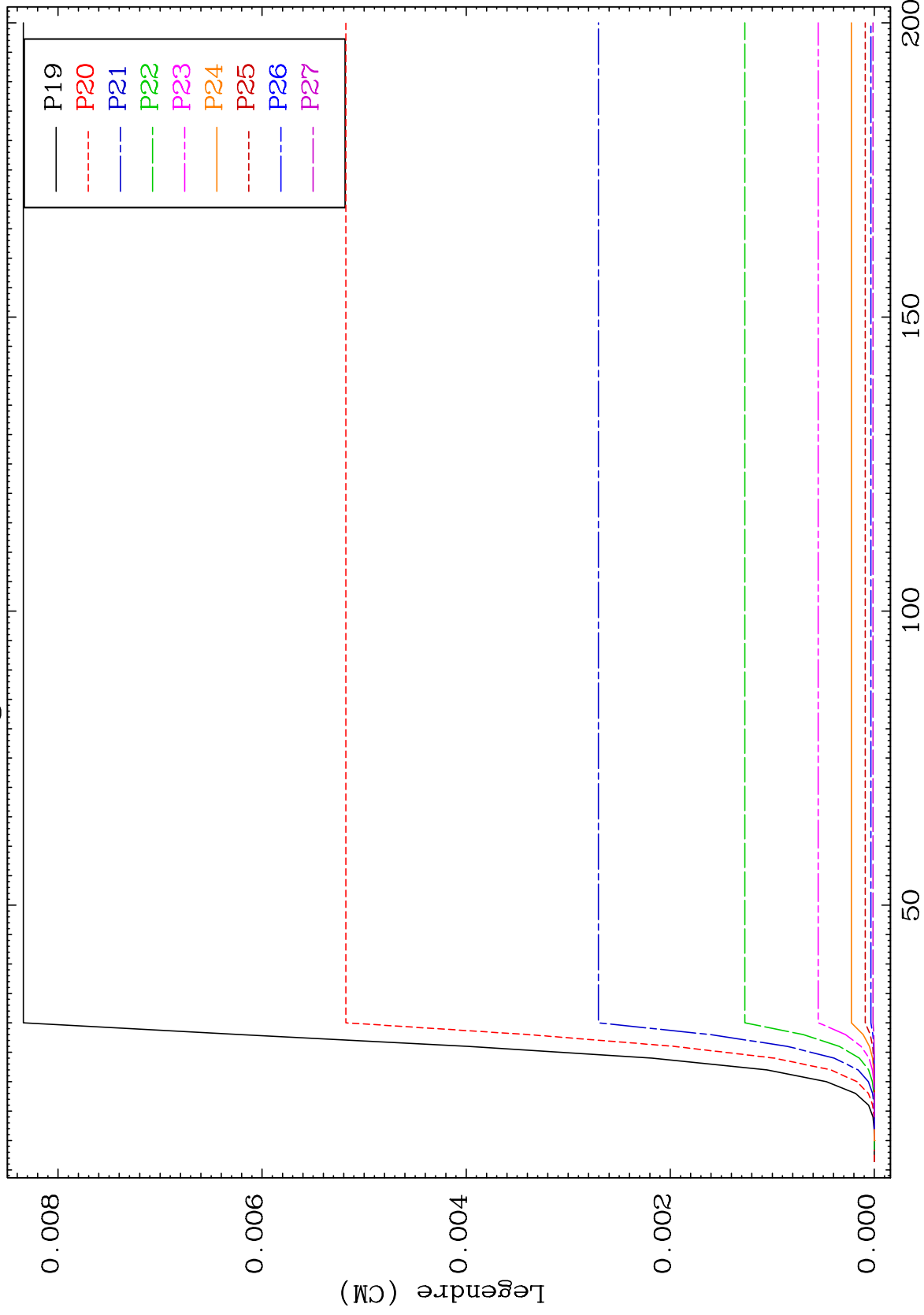
Incident Energy (MeV)

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MAT 5504

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

55-Cs-126



46

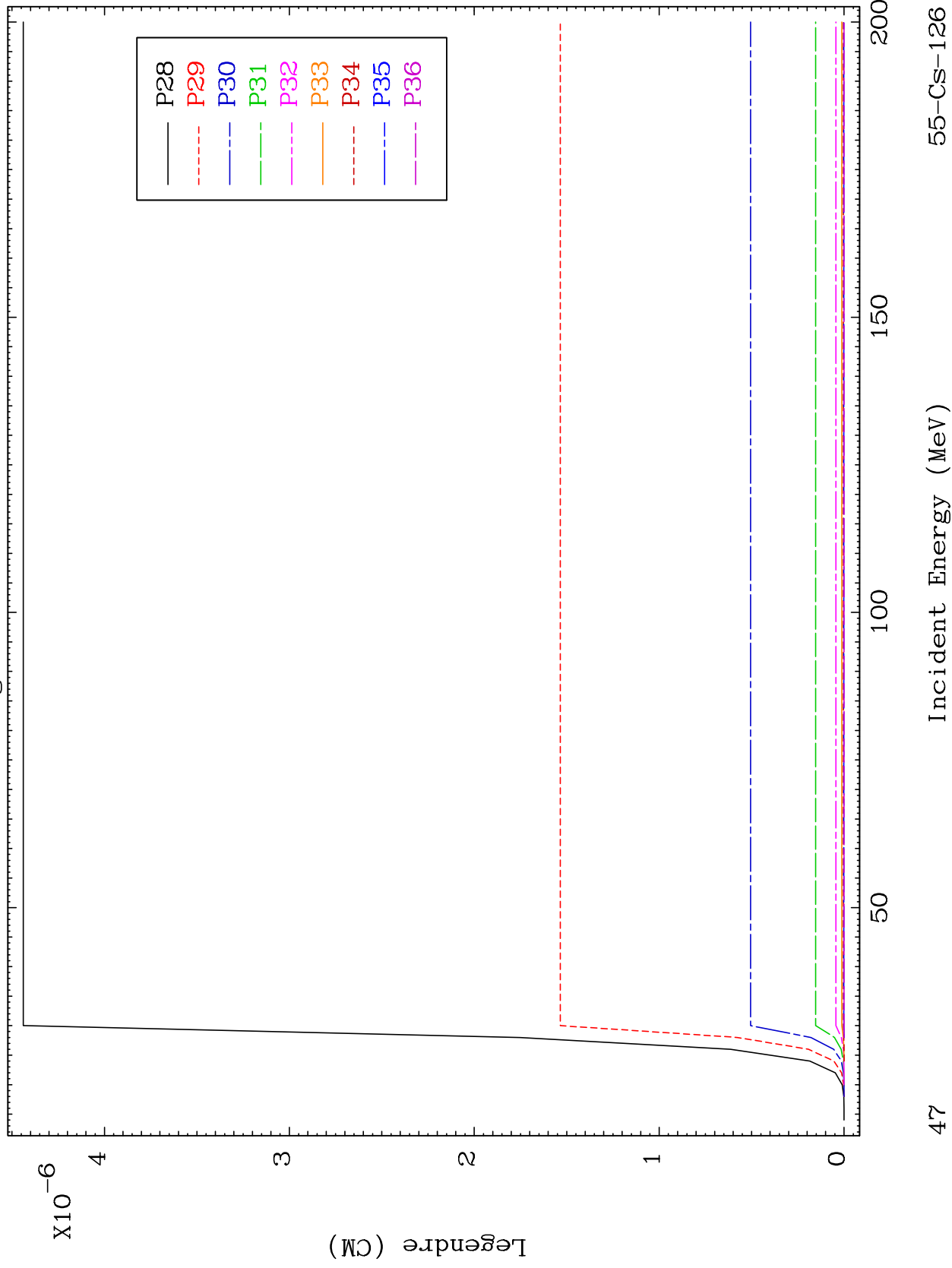
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126

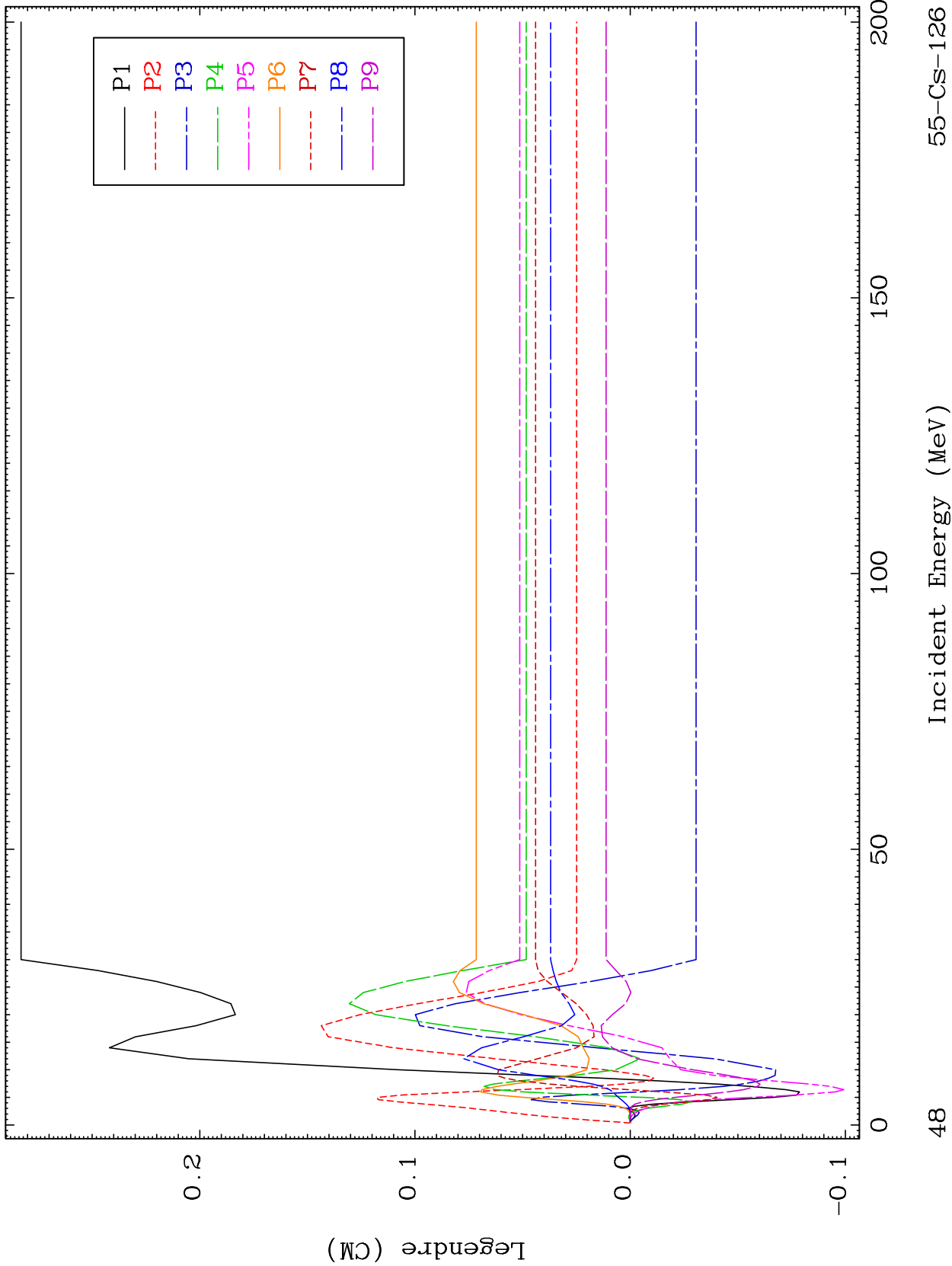




MAT 5504

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

55-Cs-126



55-Cs-126

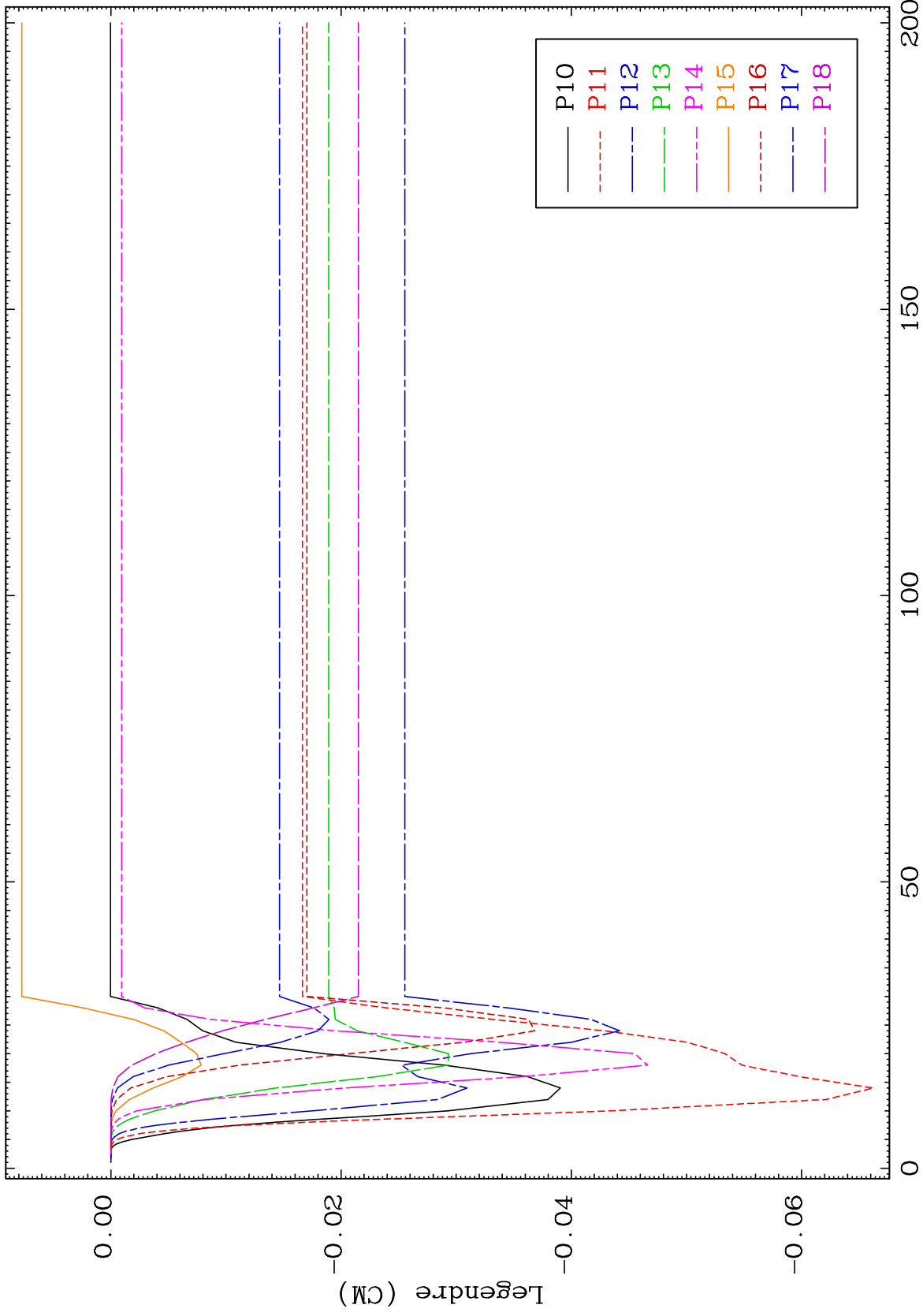
Incident Energy (MeV)

48

MAT 5504

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

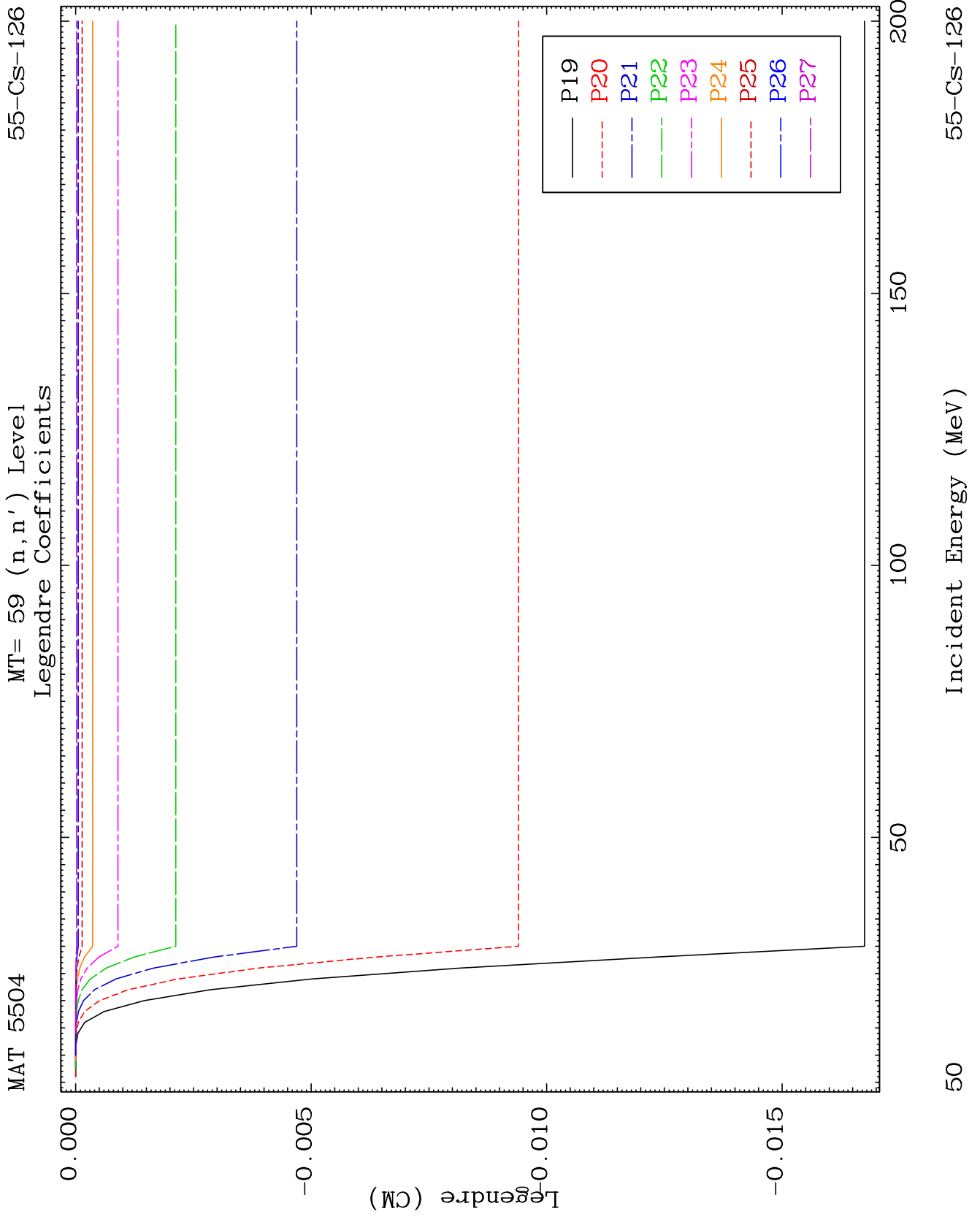
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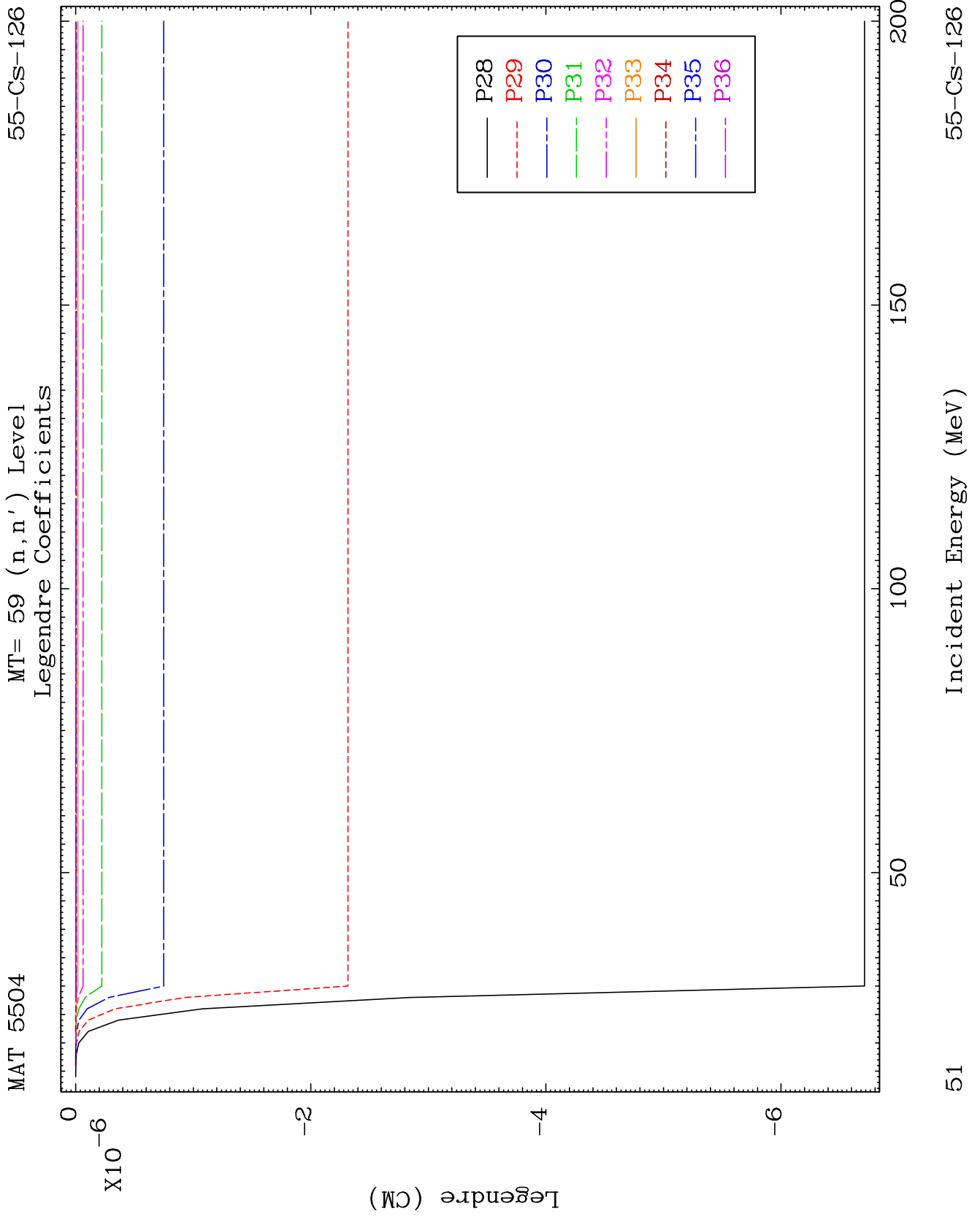


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Incident Energy (MeV)

55-Cs-126

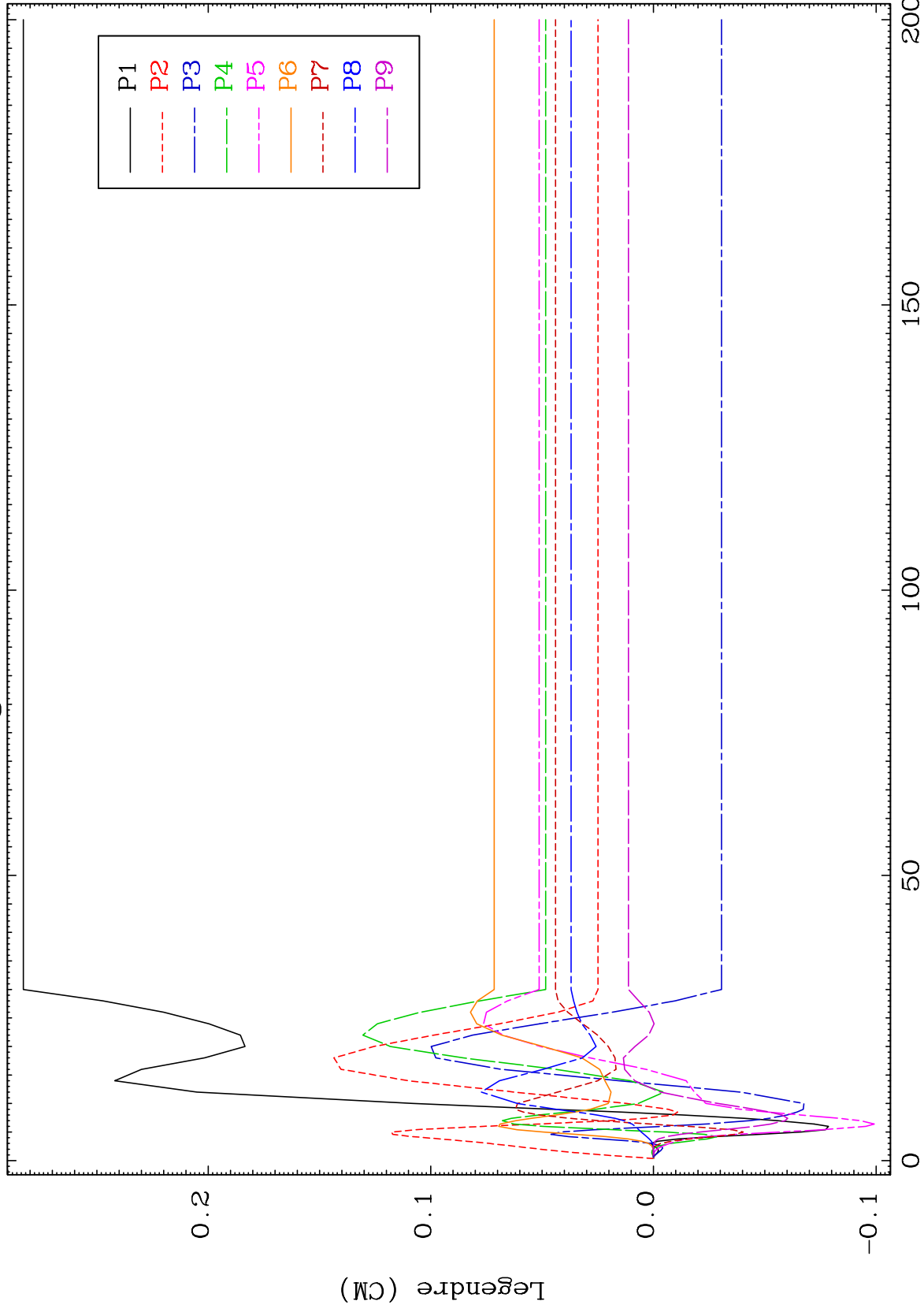




MAT 5504

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

55-Cs-126



52

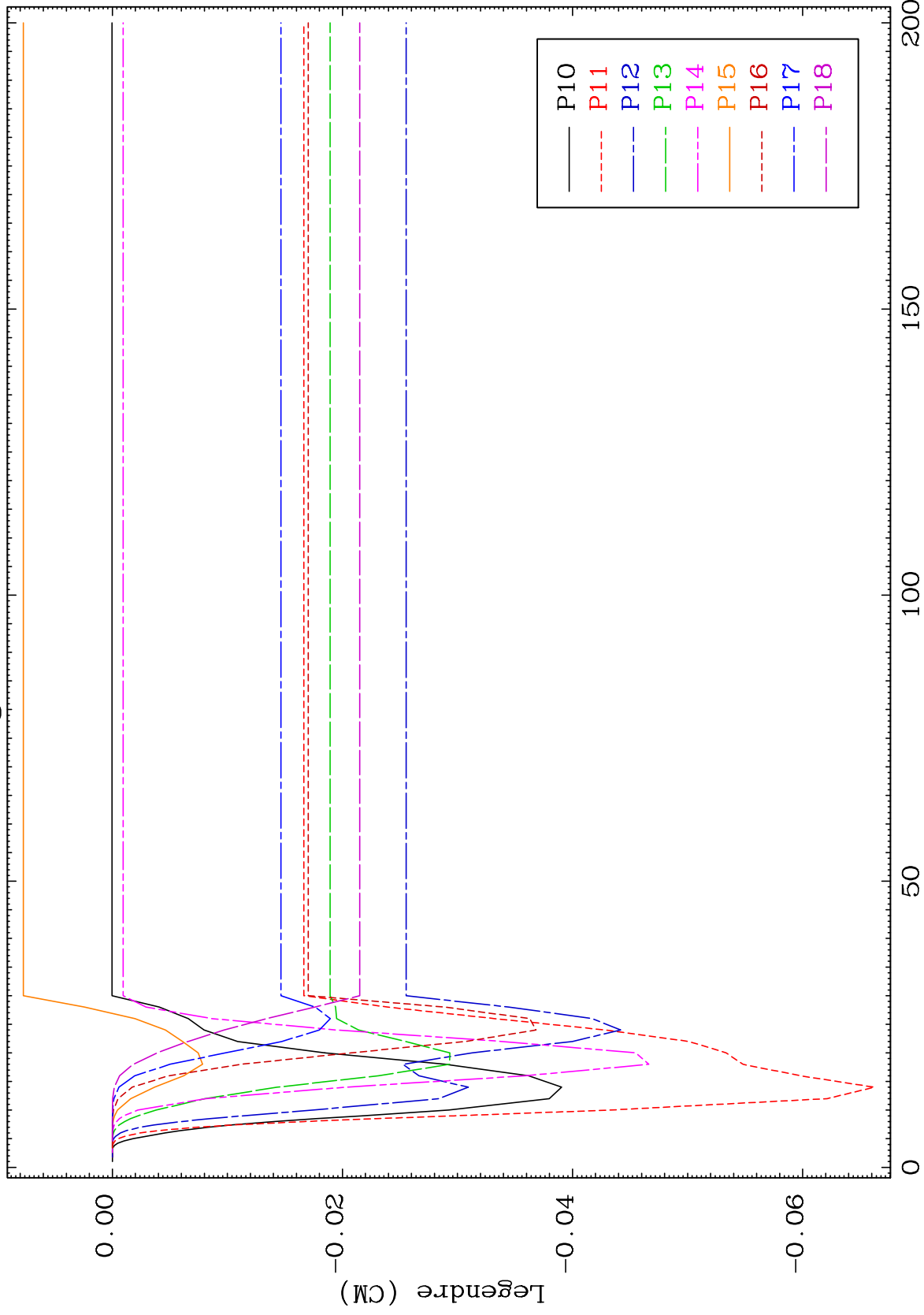
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

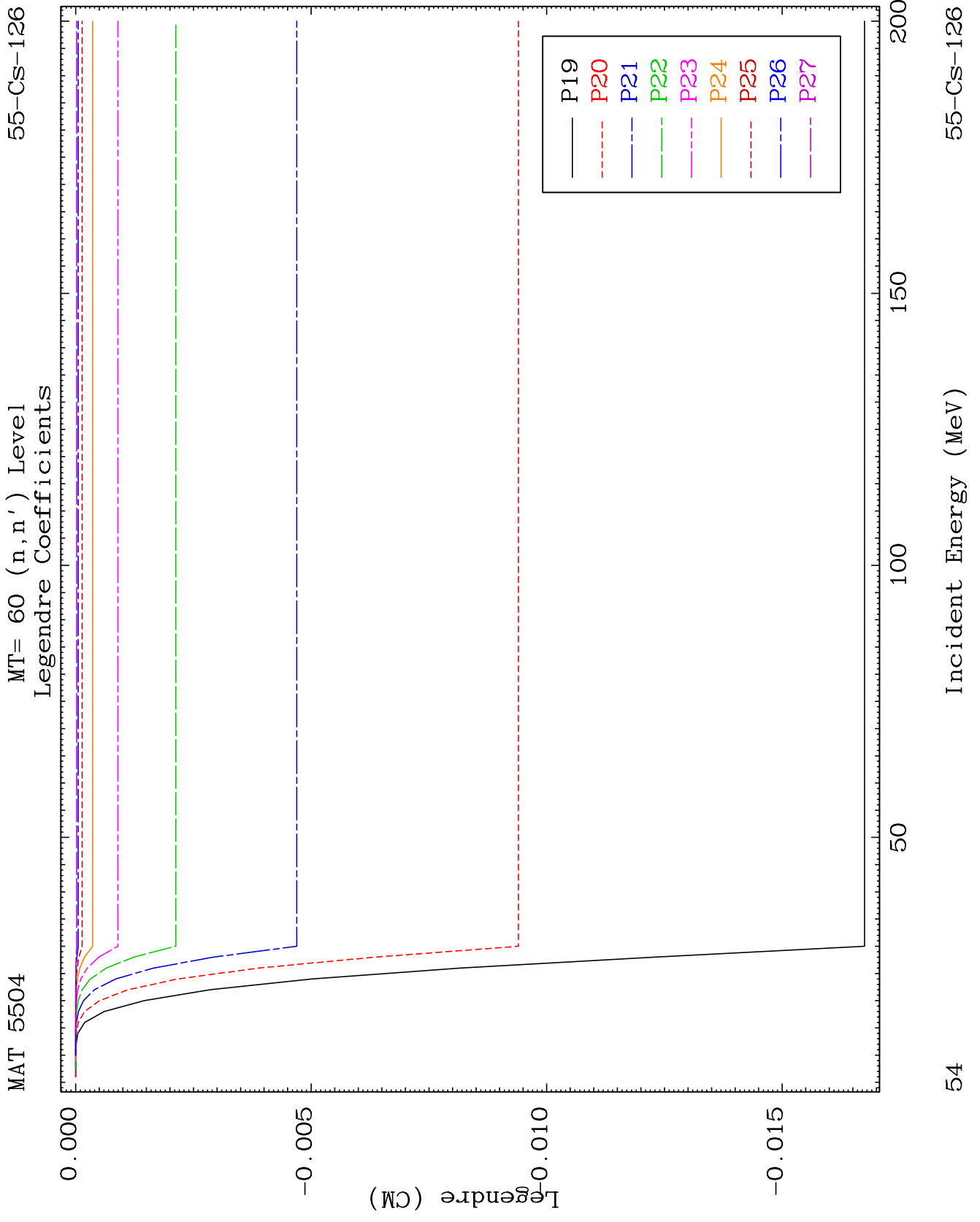
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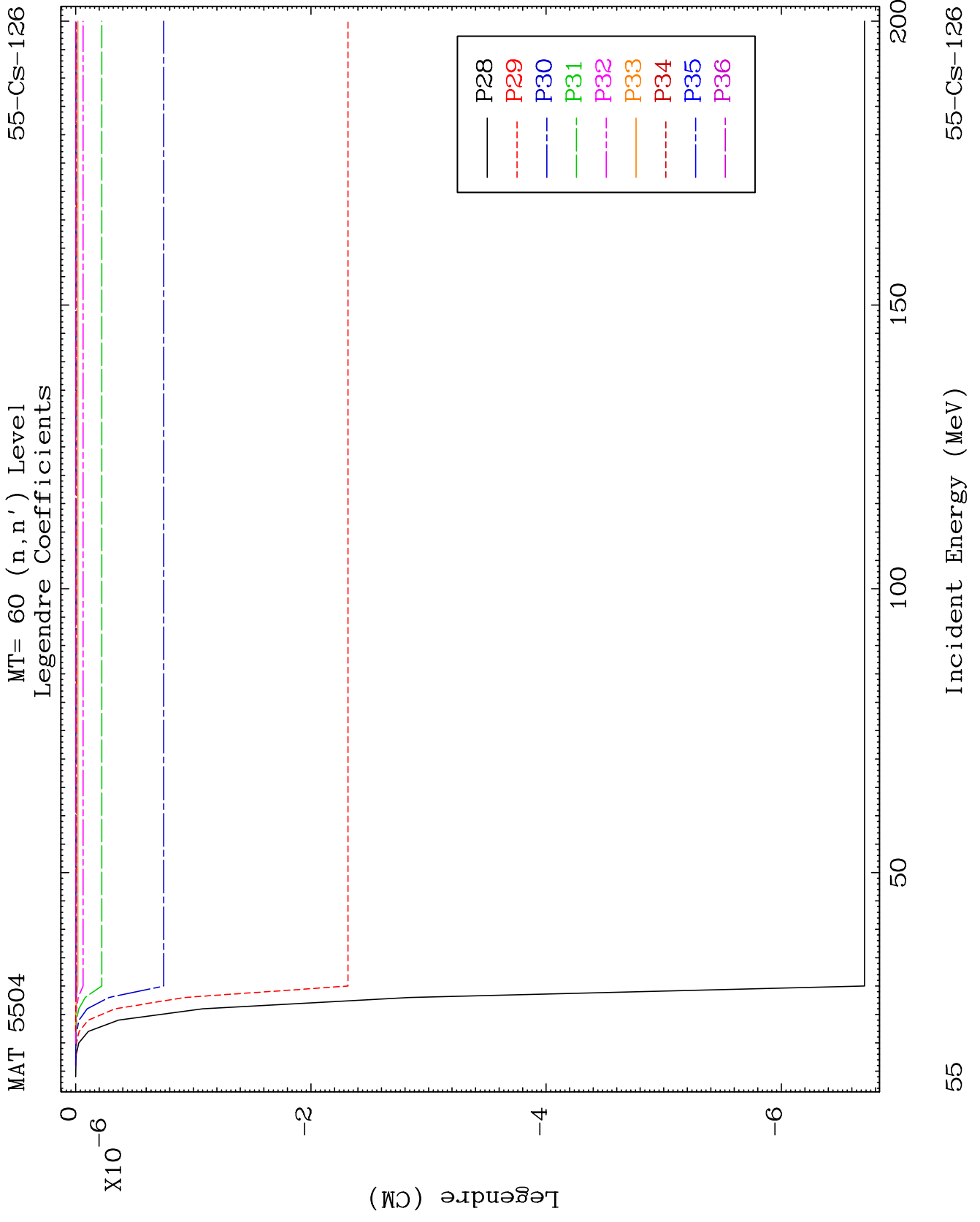


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Incident Energy (MeV)

55-Cs-126





55-Cs-126

Incident Energy (MeV)

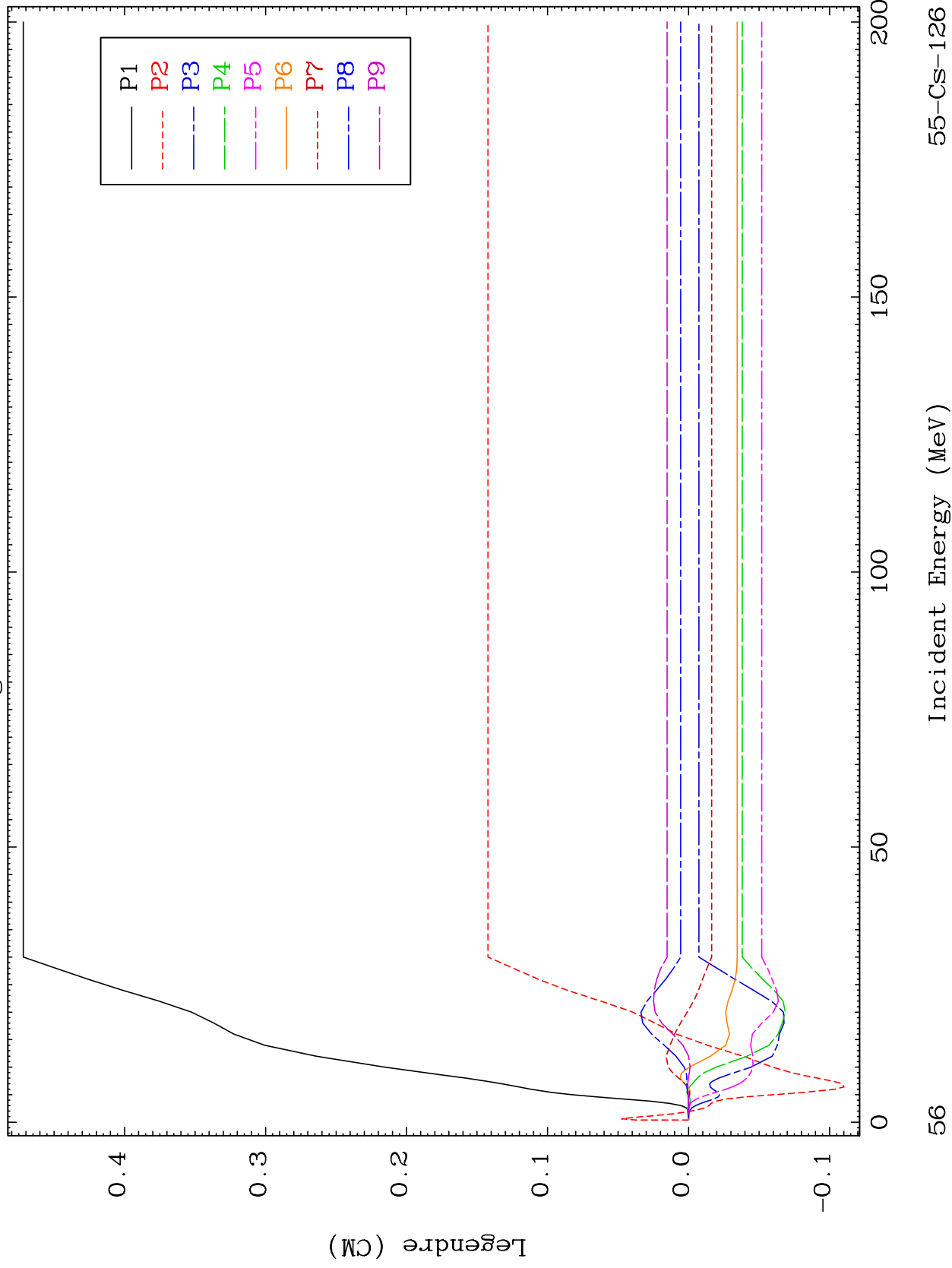
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MAT 5504

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

55-Cs-126



55-Cs-126

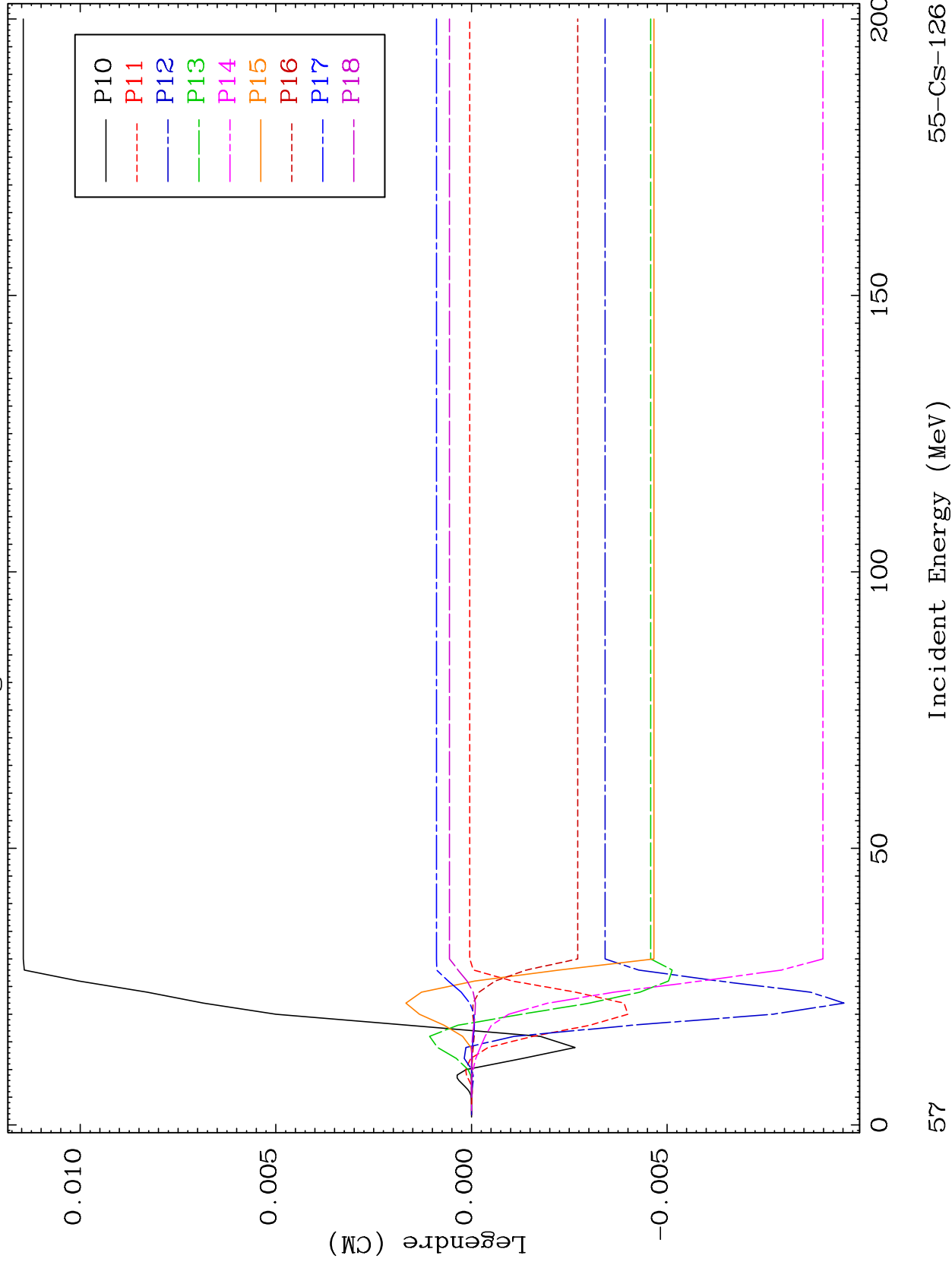
Incident Energy (MeV)

56

MAT 5504

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

55-Cs-126



55-Cs-126

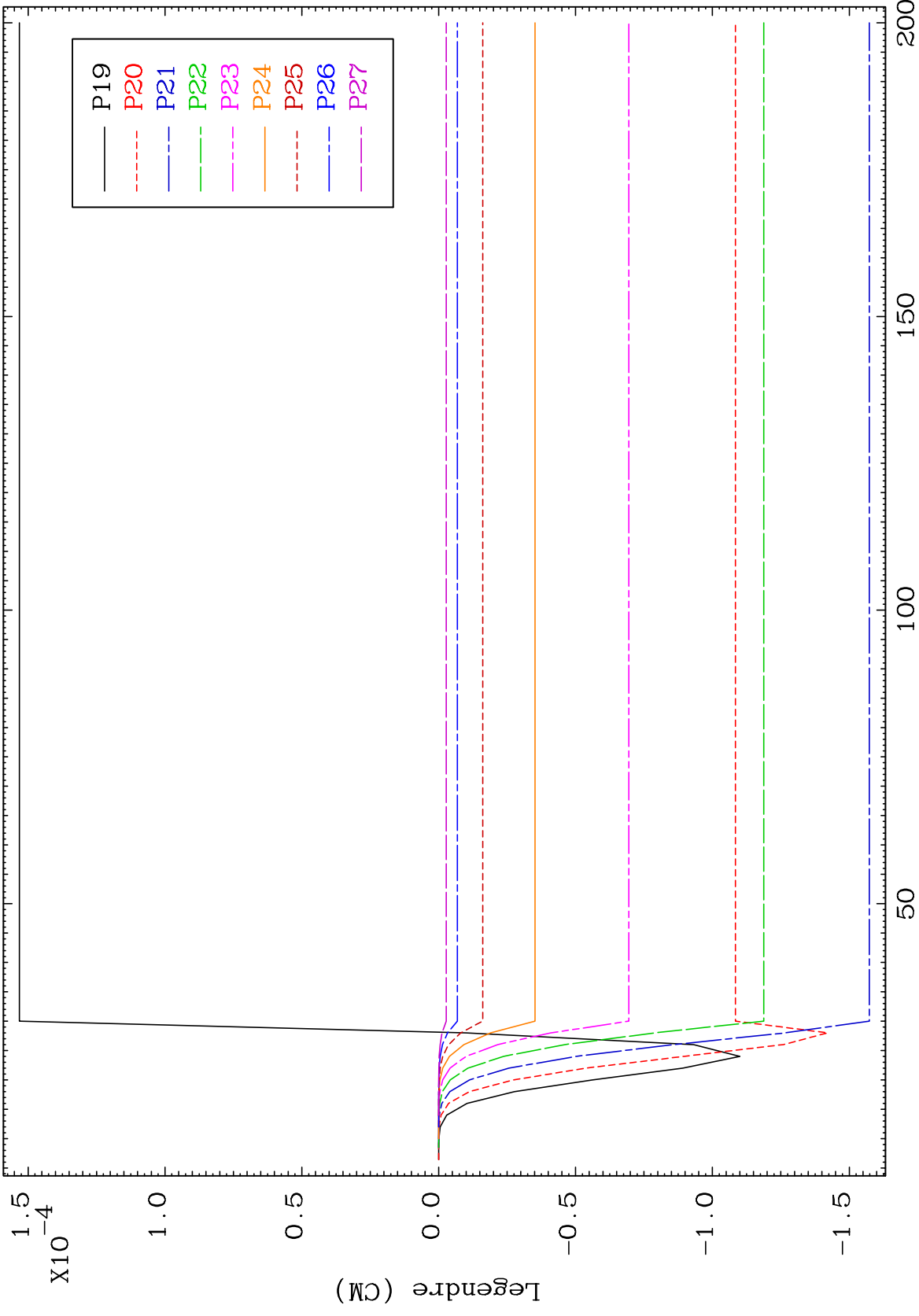
Incident Energy (MeV)

57

MAT 5504

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

55-Cs-126



58

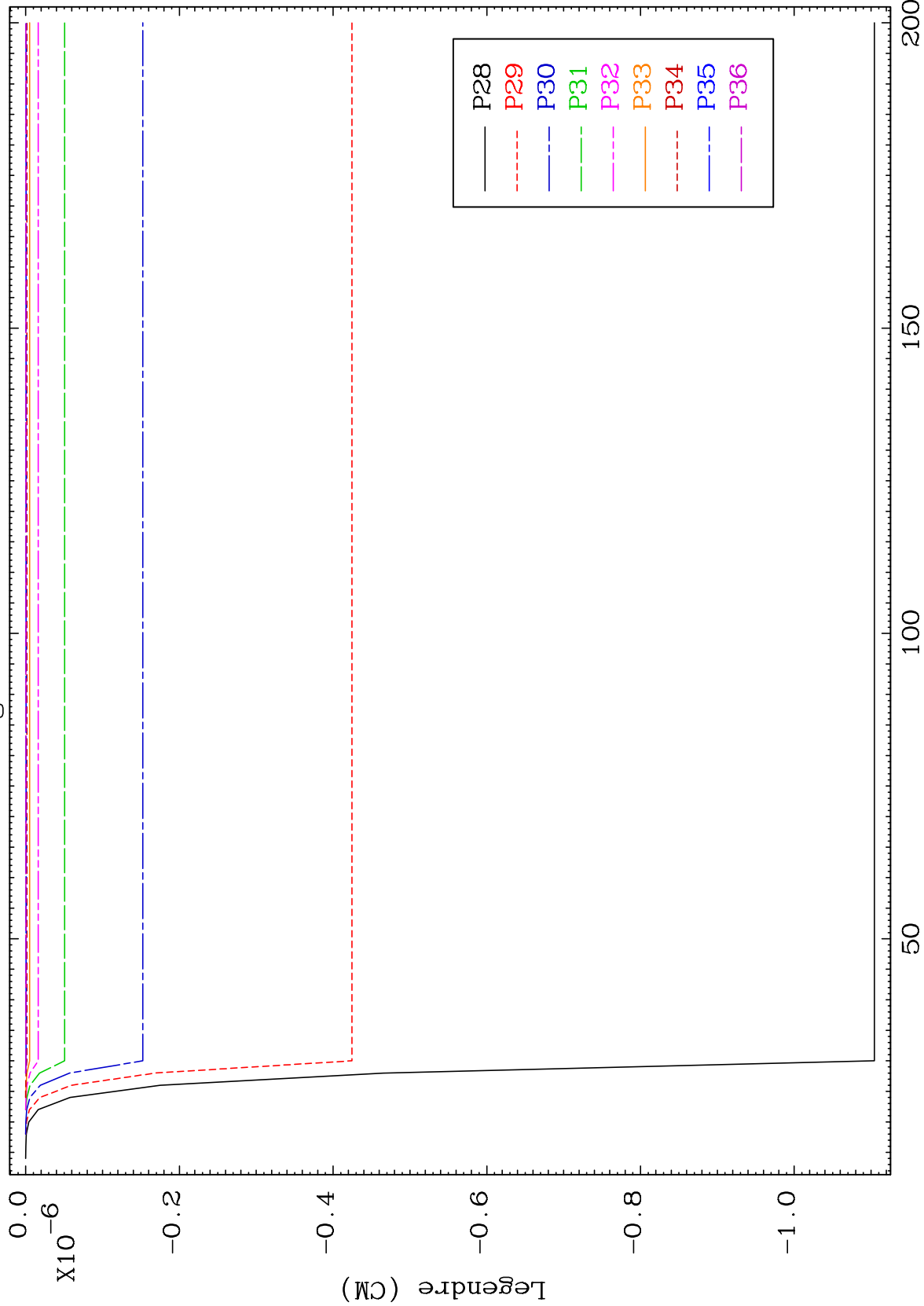
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55-Cs-126

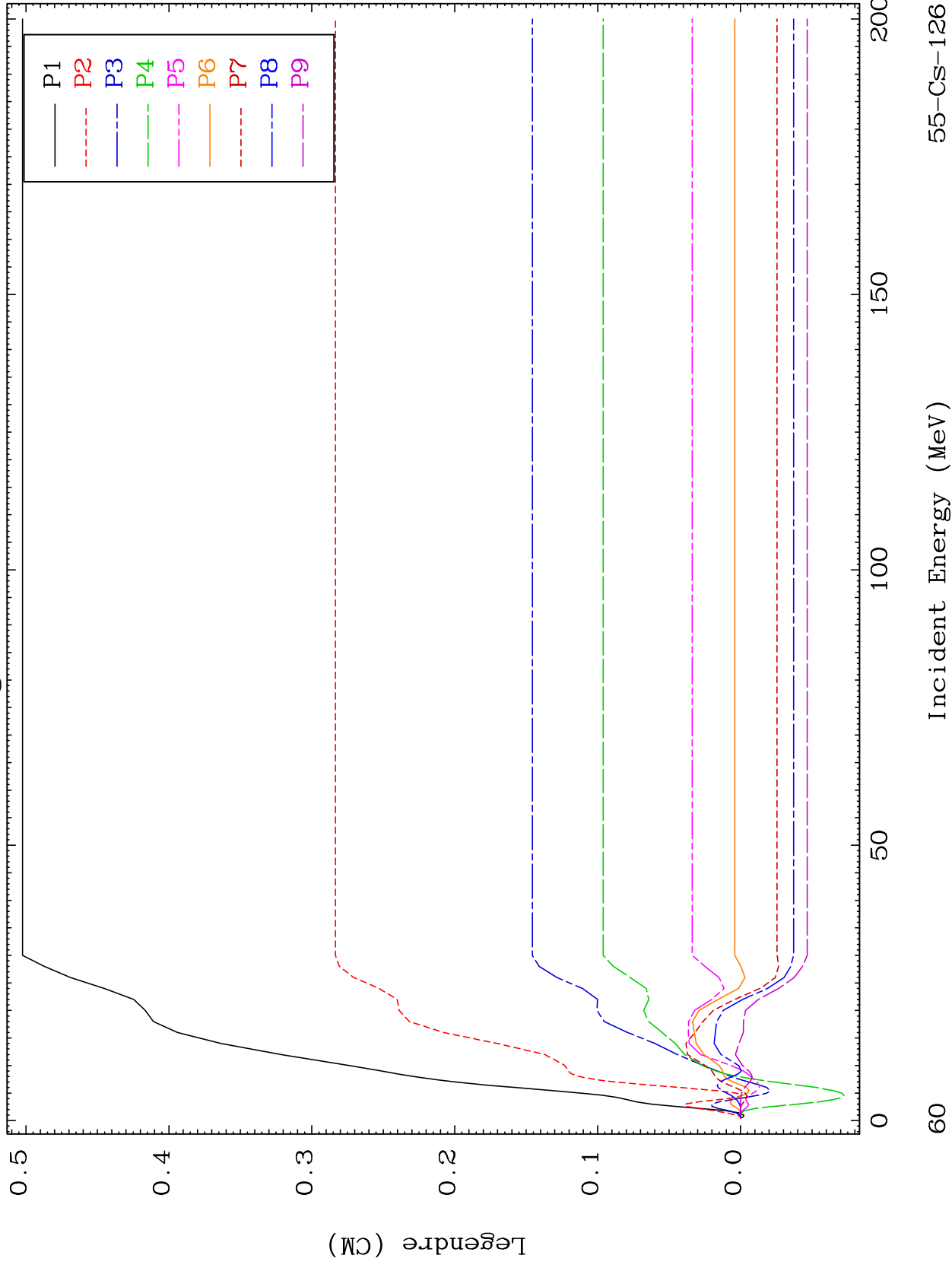
Incident Energy (MeV)

59

MAT 5504

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

55-Cs-126

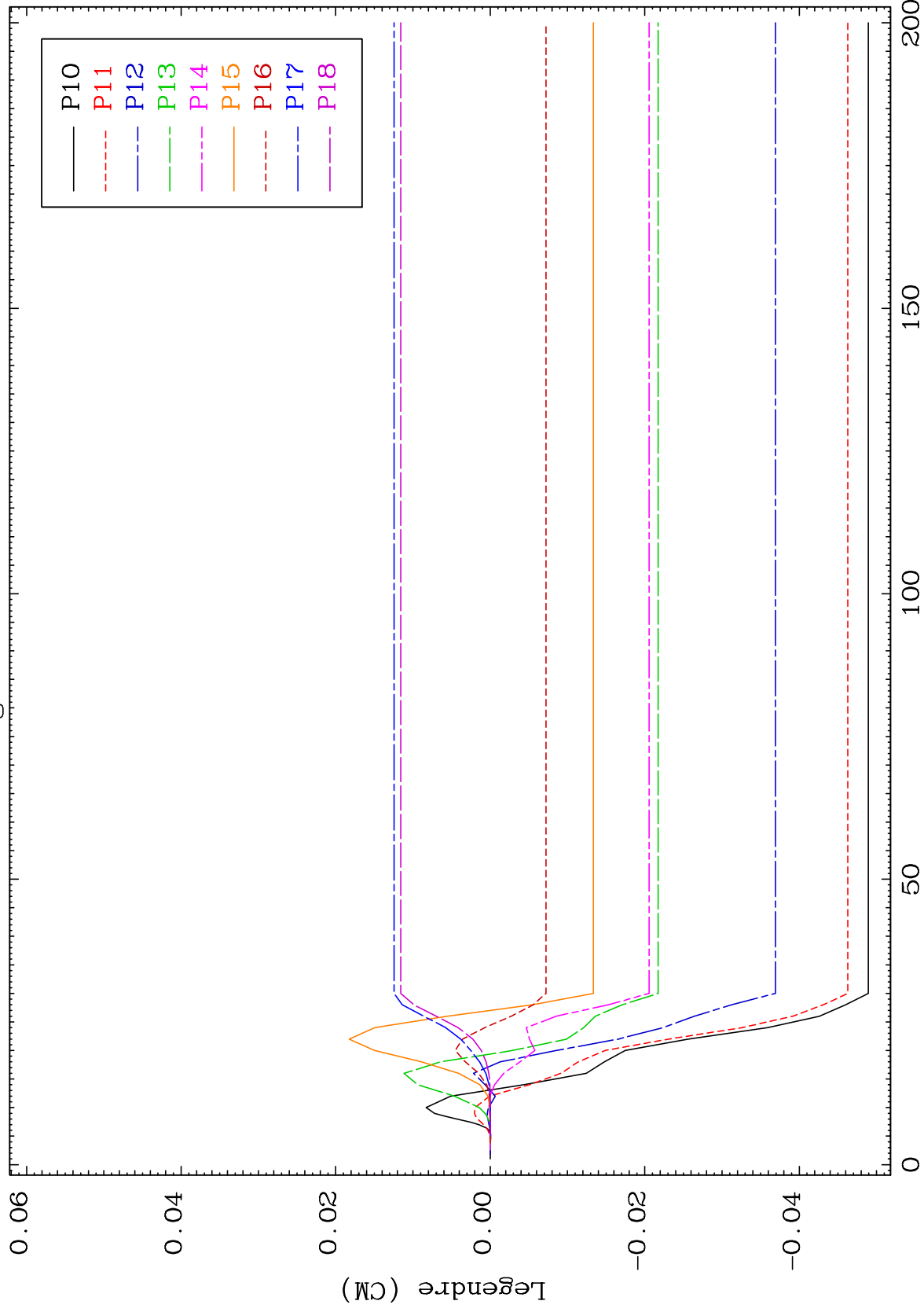


55-Cs-126

MAT 5504

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

55-Cs-126



61

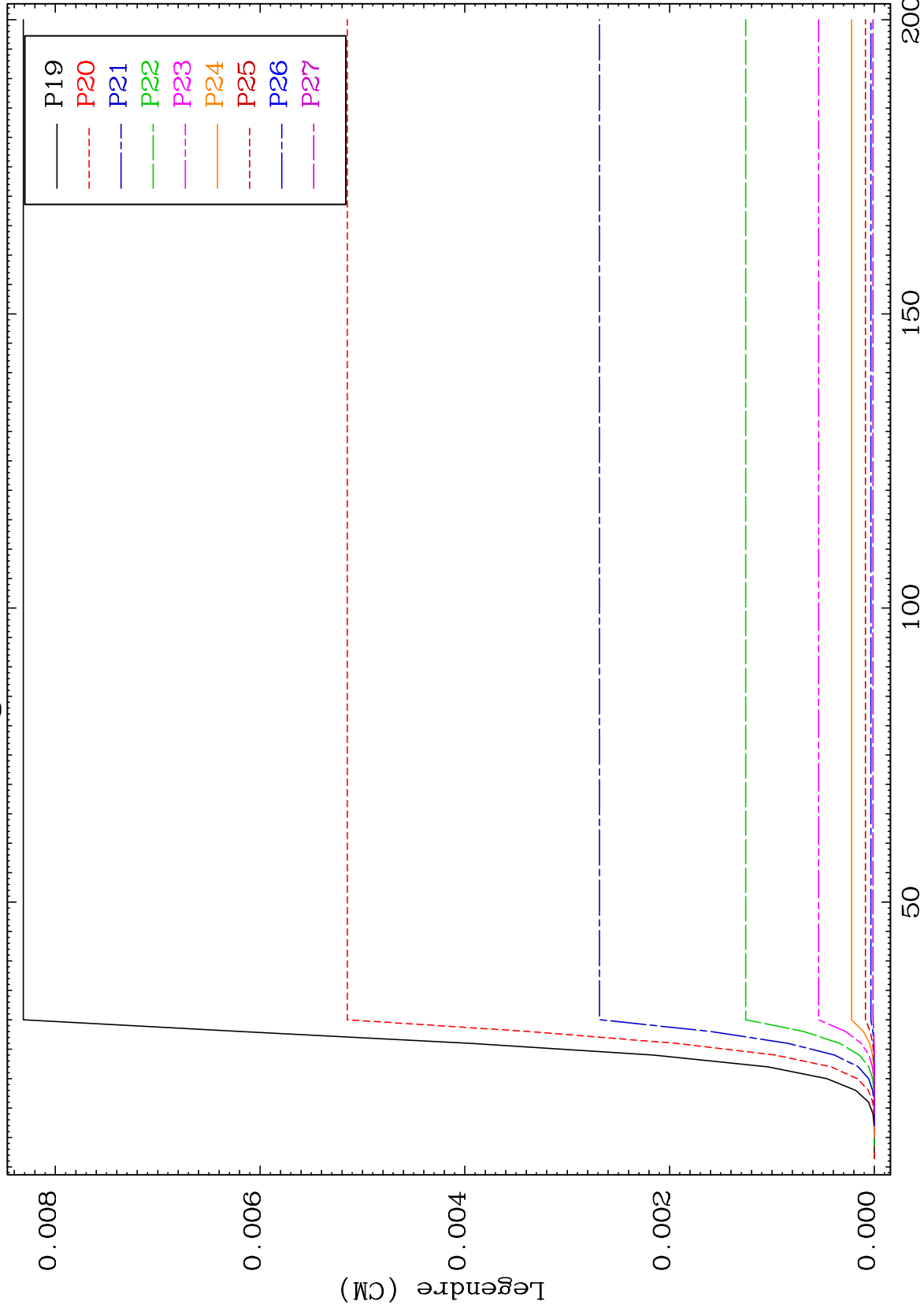
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



62

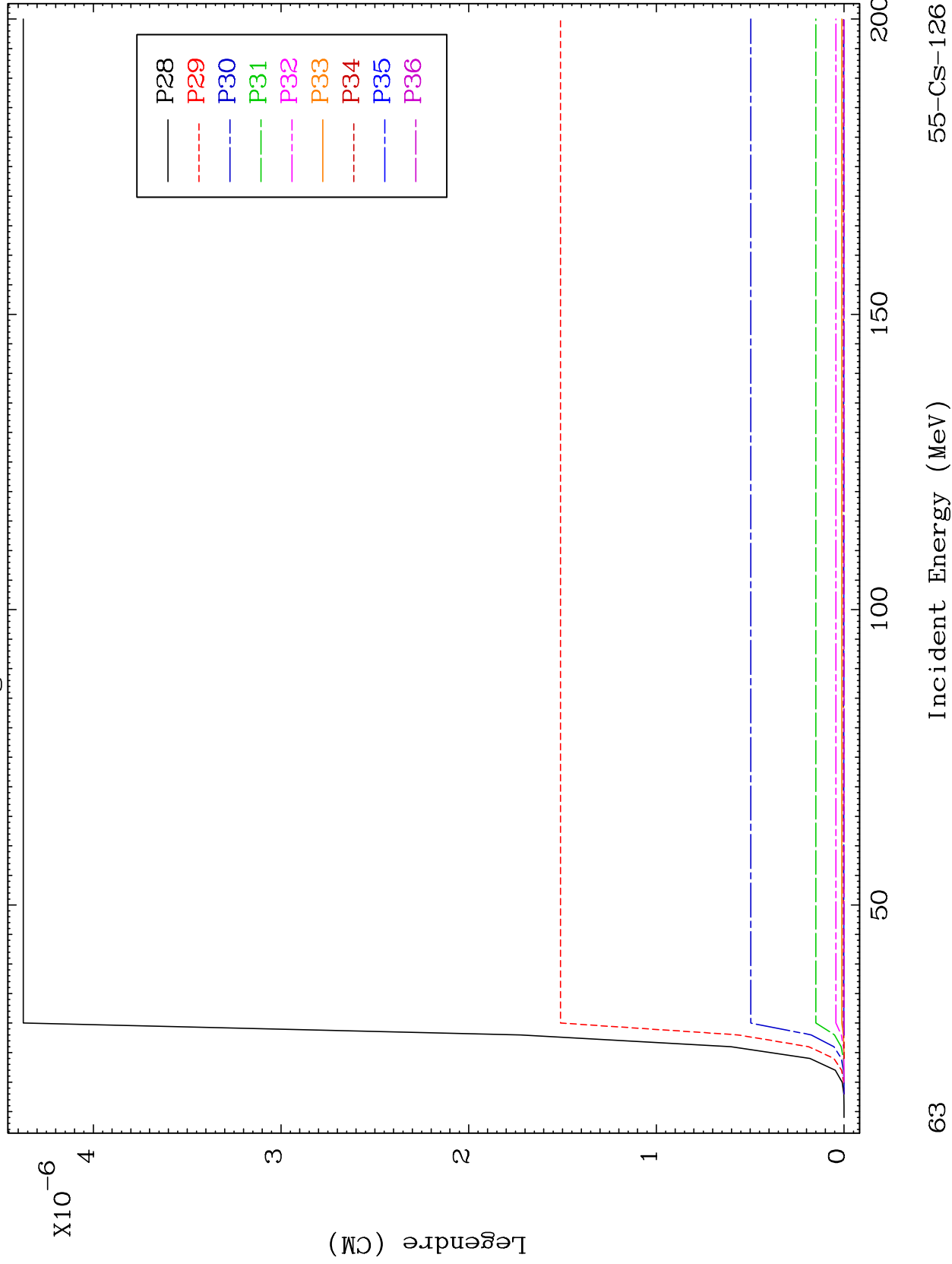
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126

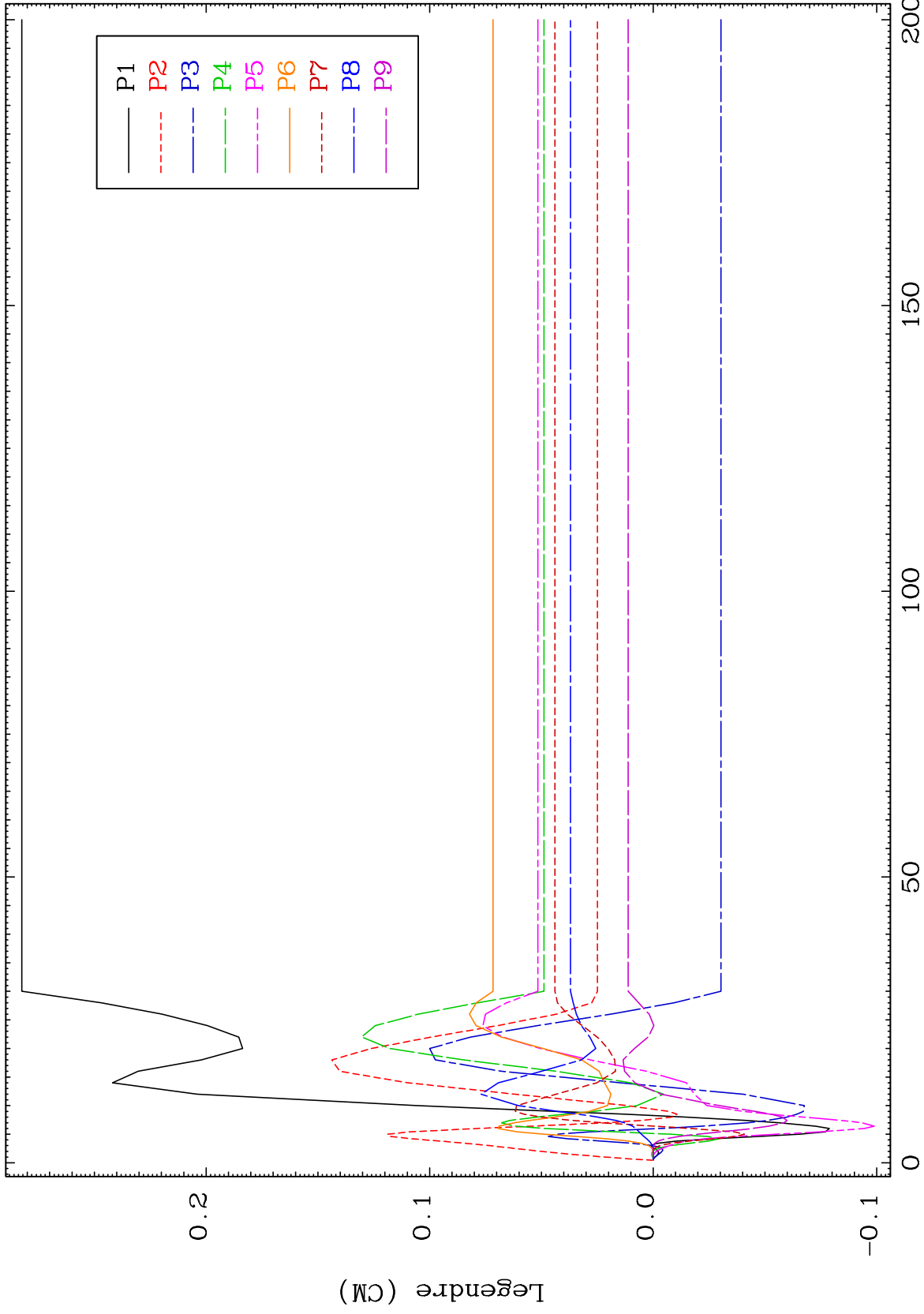




MAT 5504

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

55-Cs-126



55-Cs-126

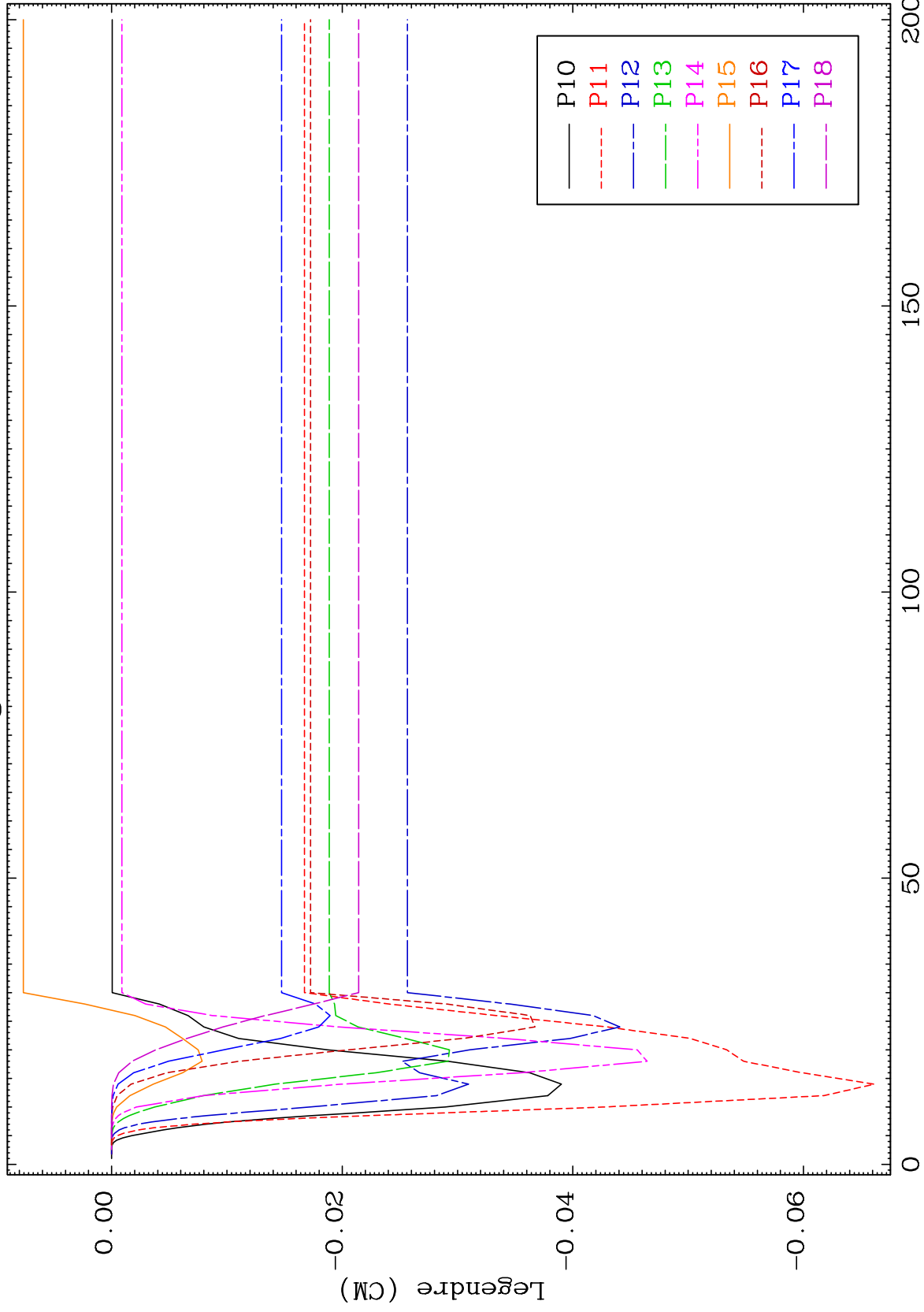
Incident Energy (MeV)

64

MAT 5504

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

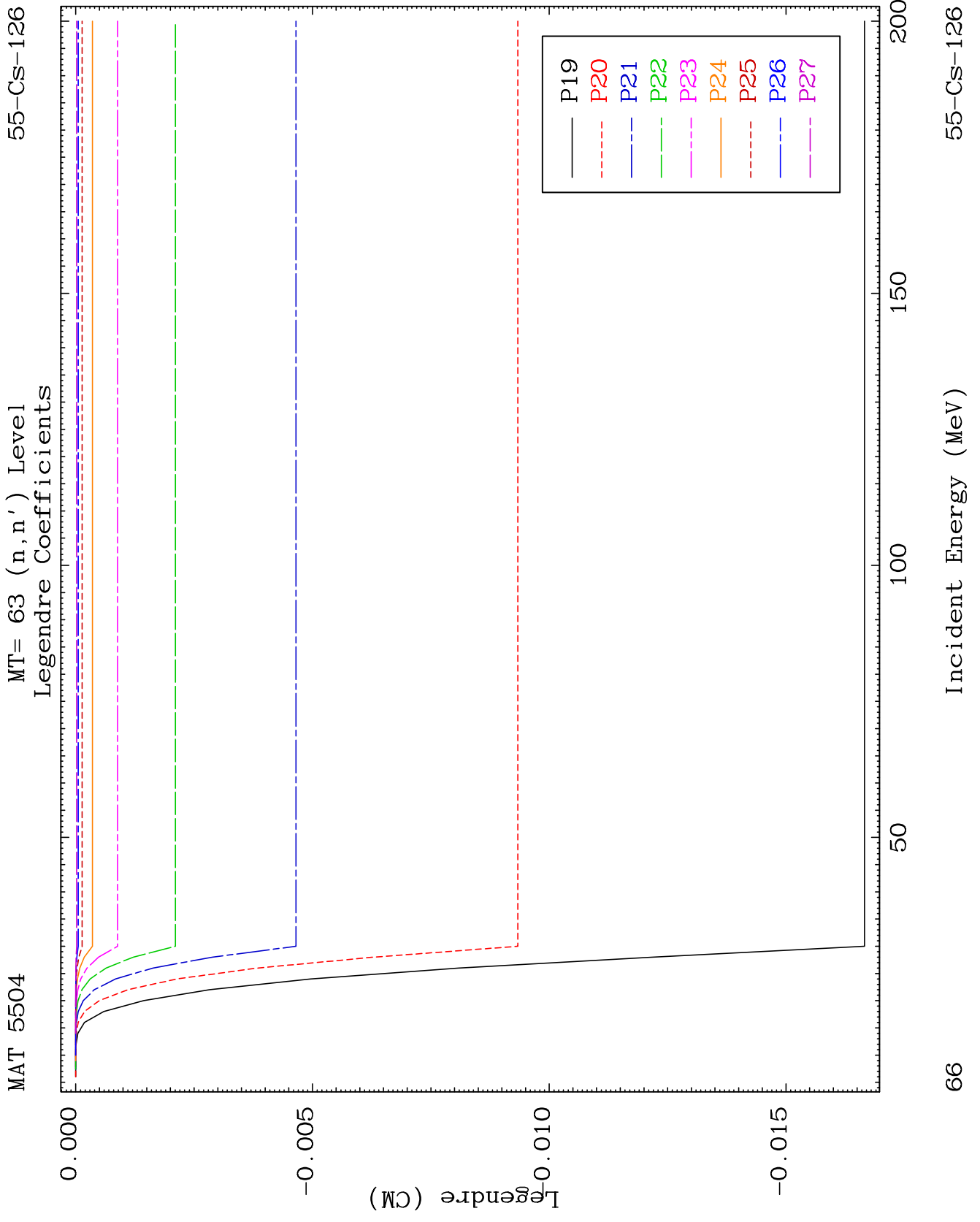
55-Cs-126



55-Cs-126

Incident Energy (MeV)

65

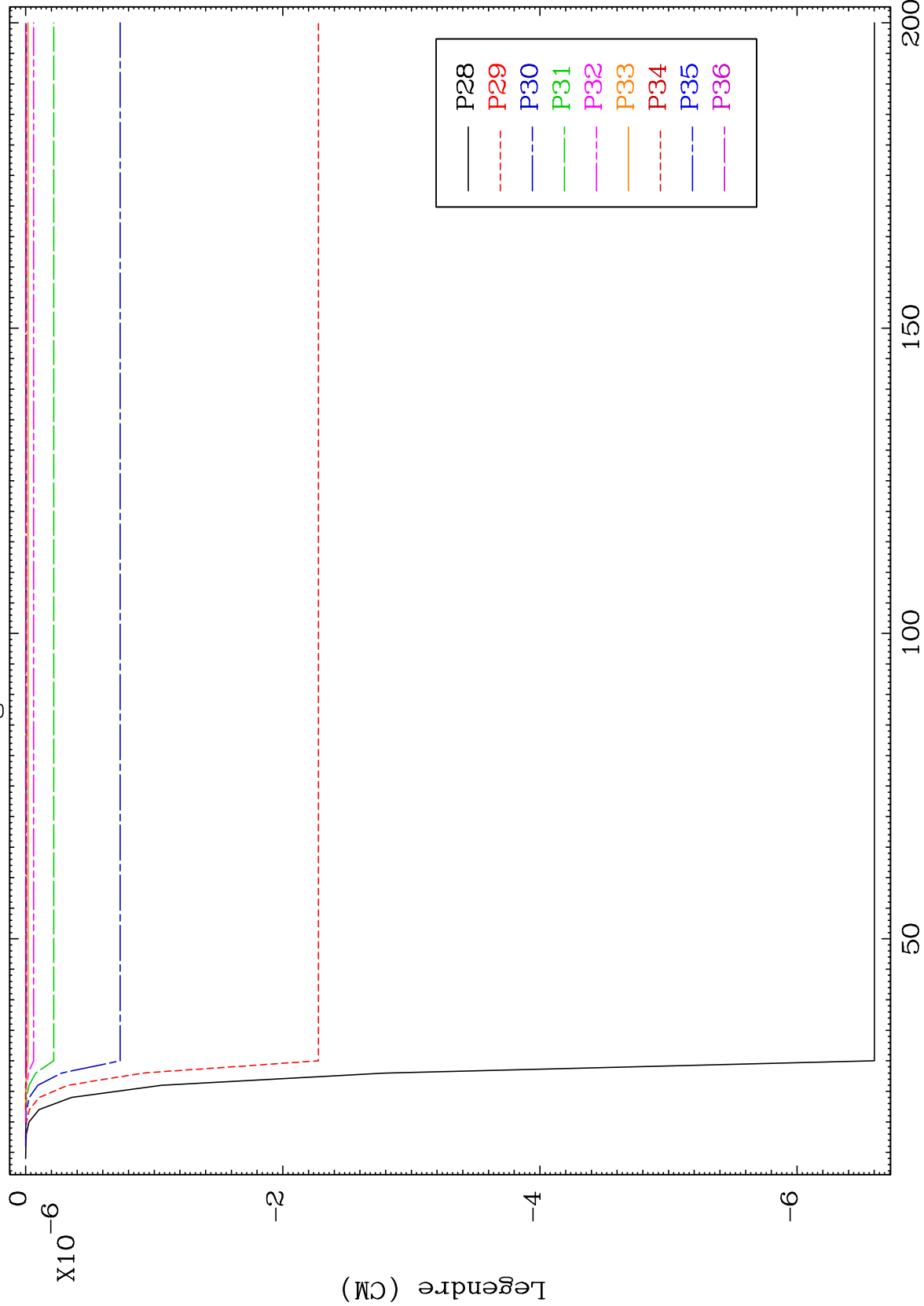


MAT 5504

MT= 63 (n,n') Level

55-Cs-126

Legendre Coefficients



55-Cs-126

Incident Energy (MeV)

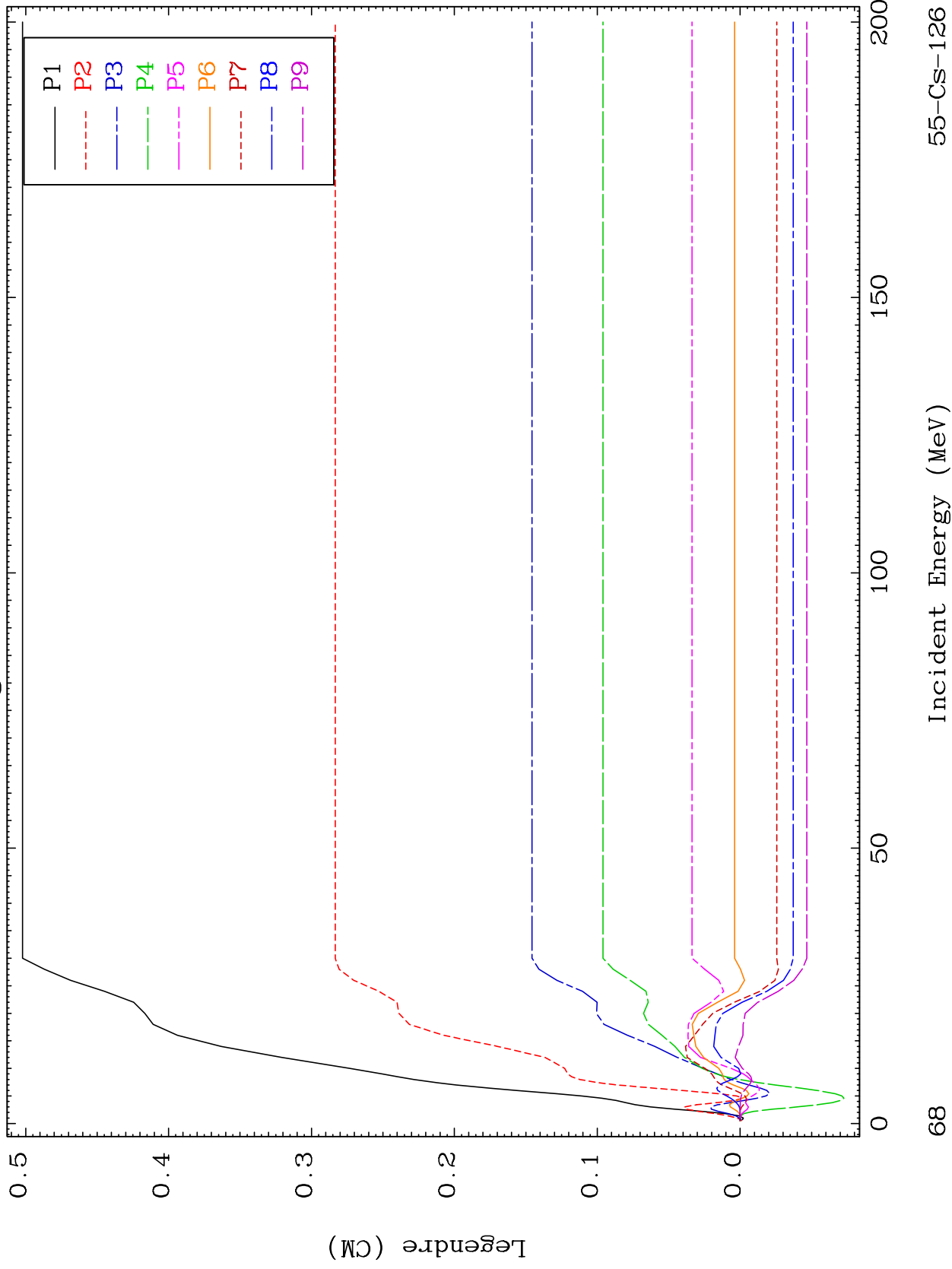
67

MAT 5504

MT= 64 (n,n') Level

55-Cs-126

Legendre Coefficients



55-Cs-126

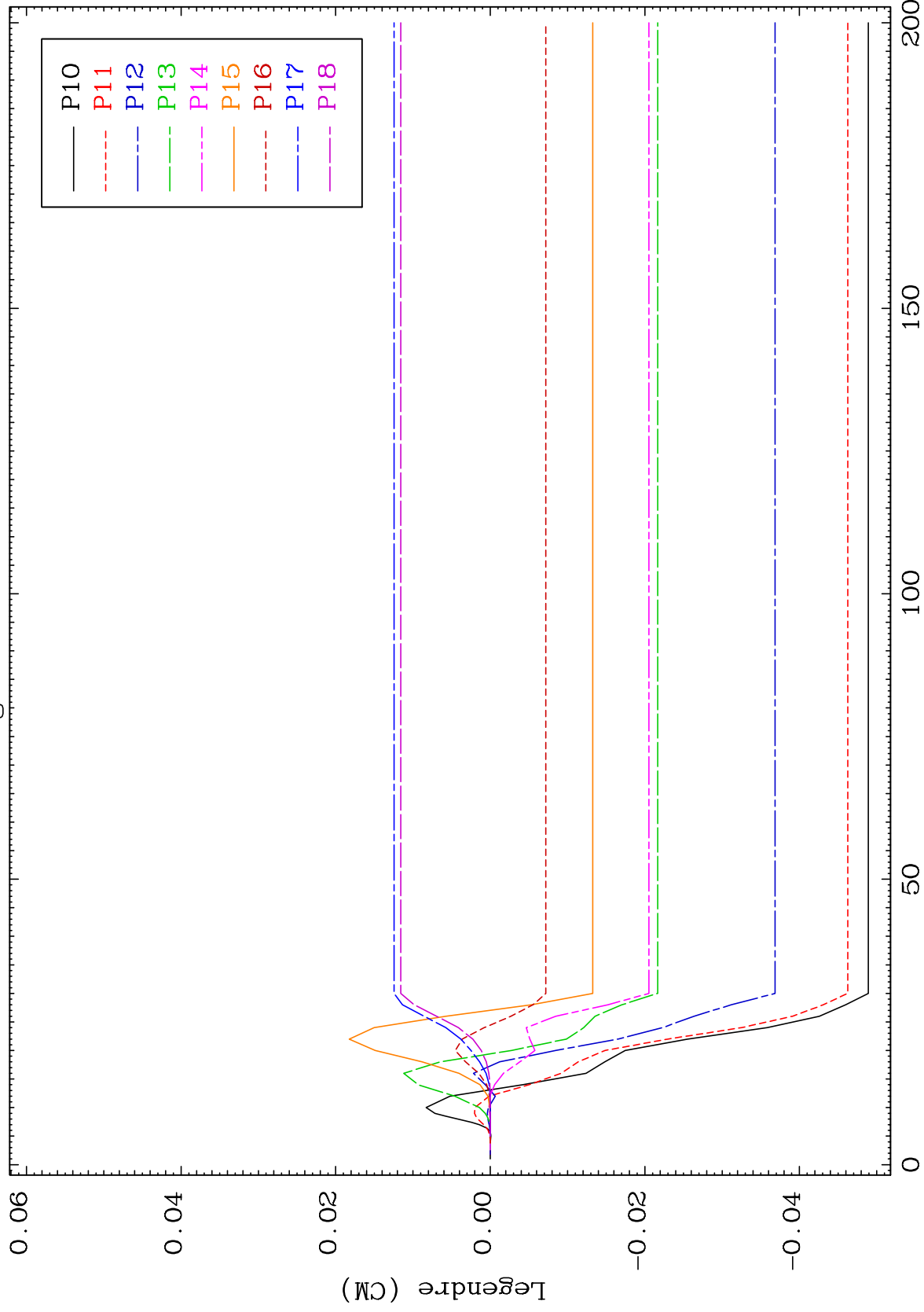
Incident Energy (MeV)

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MAT 5504

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

55-Cs-126



69

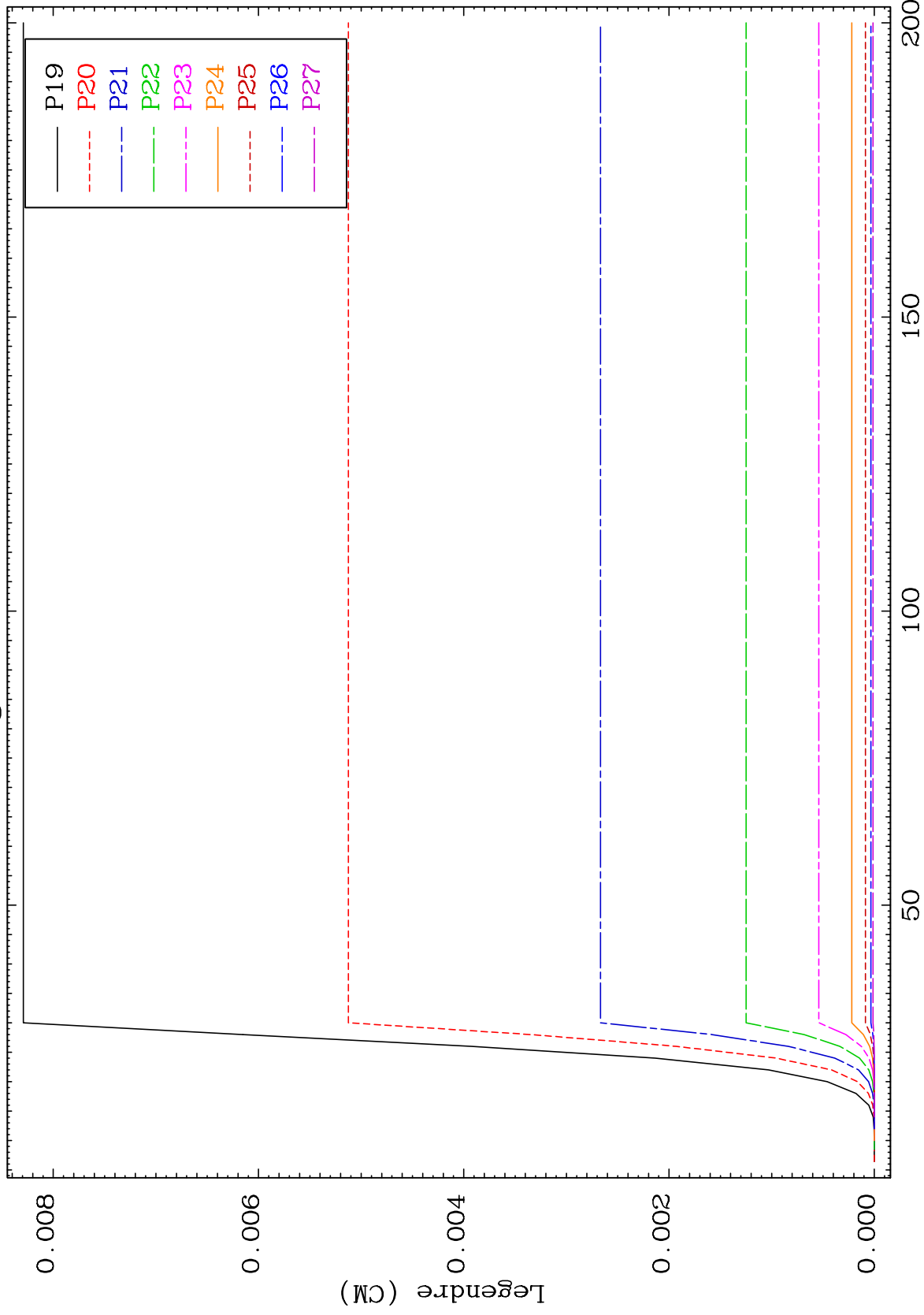
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



70

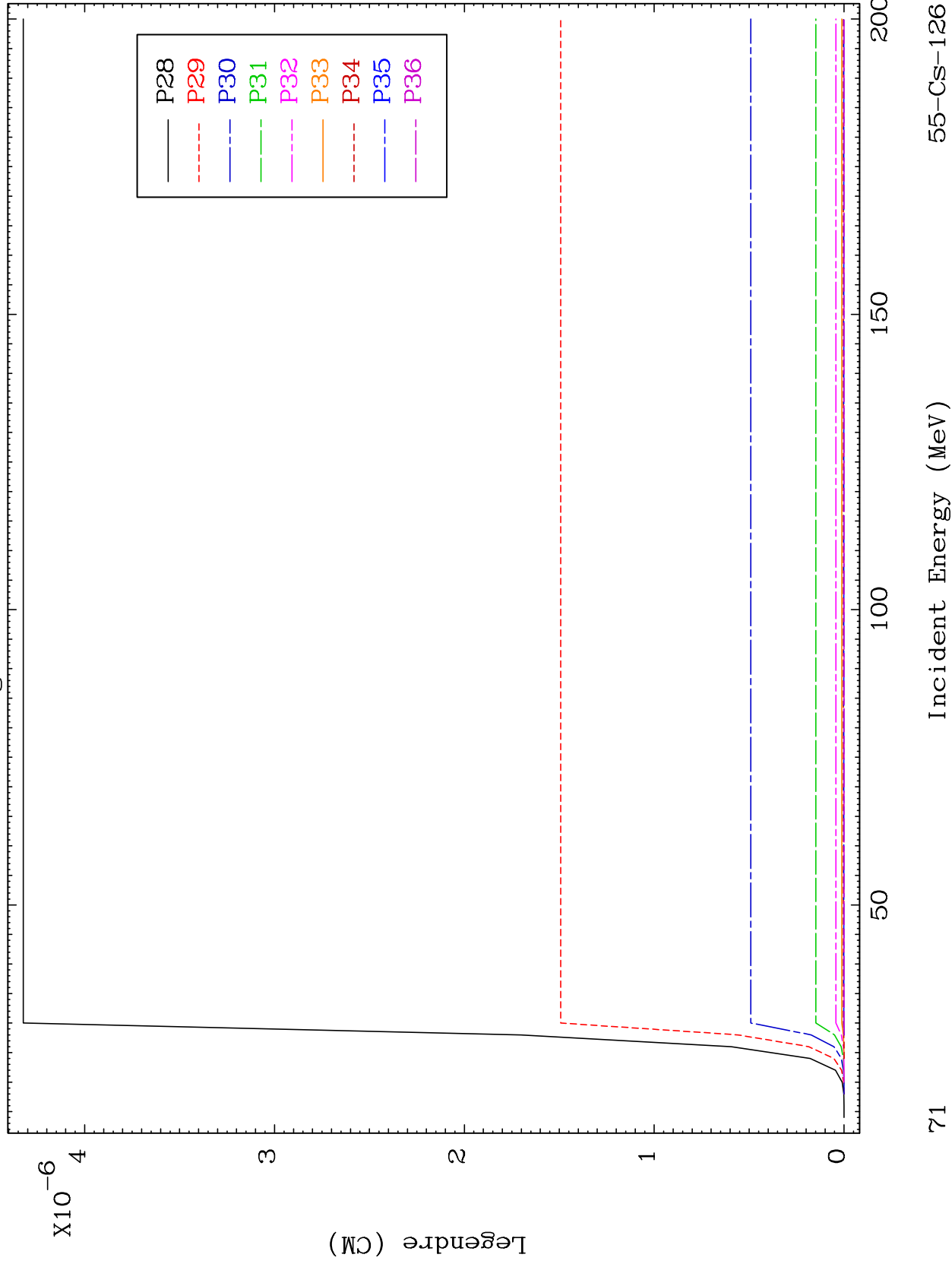
Incident Energy (MeV)

55-Cs-126

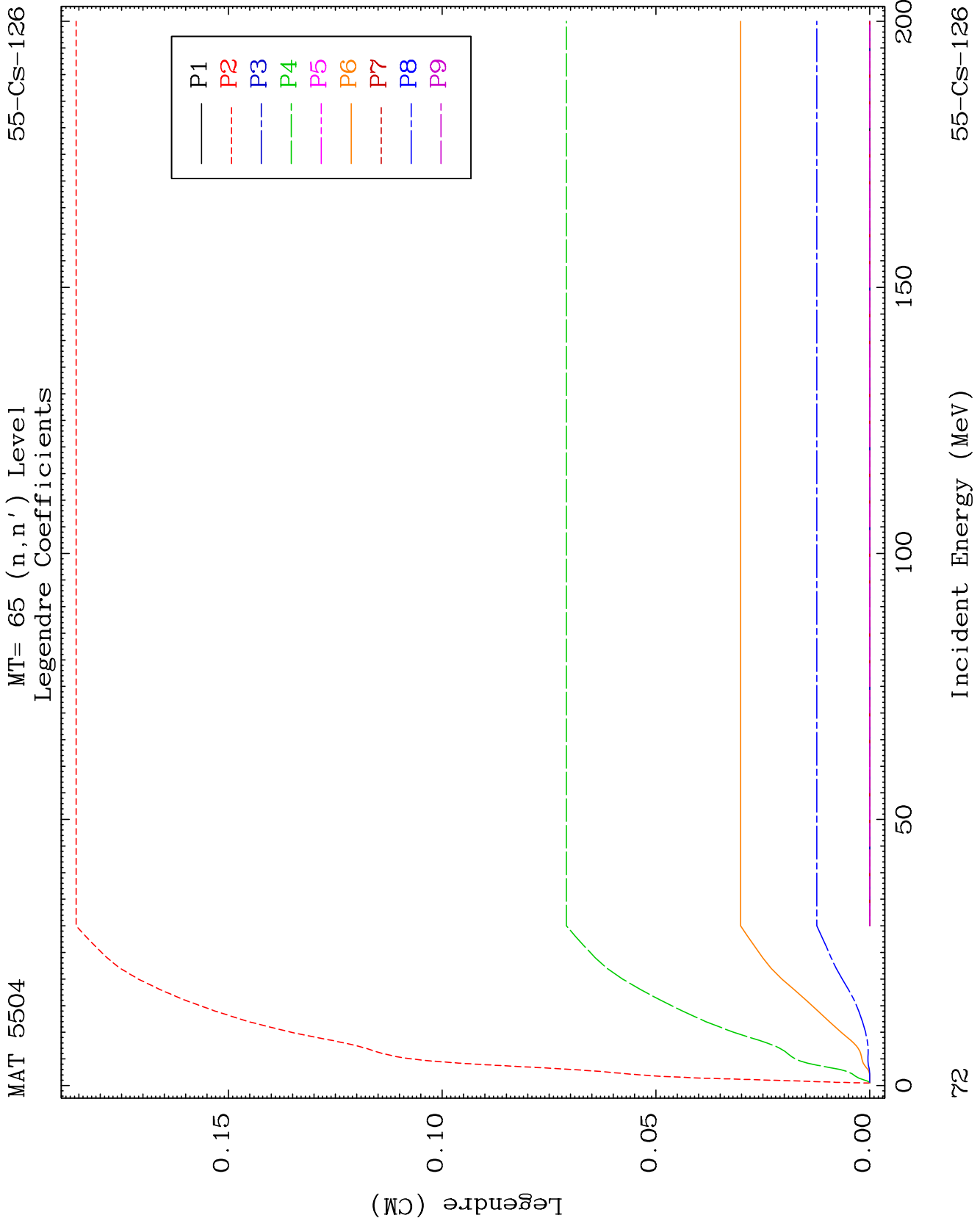
MAT 5504

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

55-Cs-126



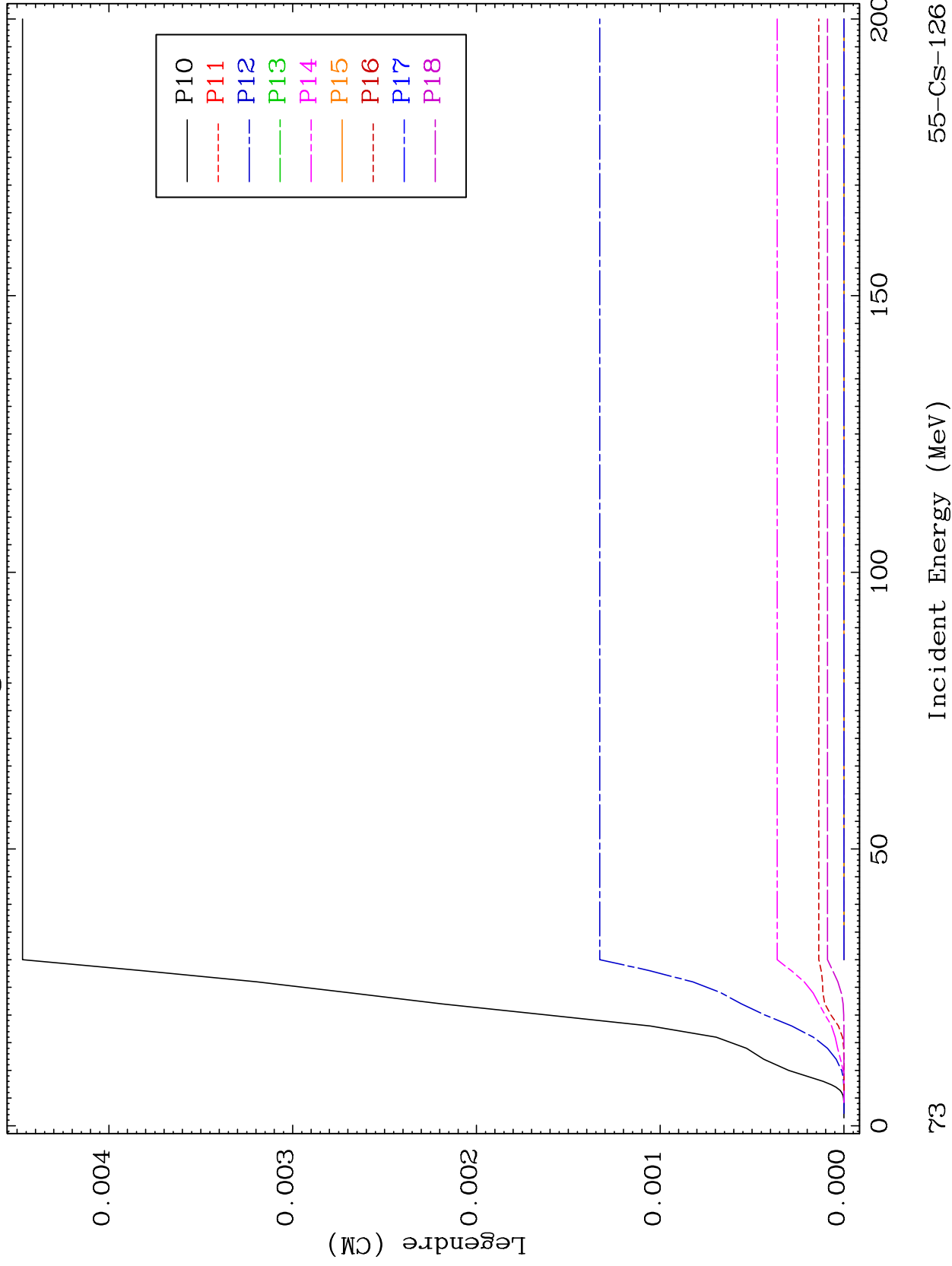




MAT 5504

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

55-Cs-126



73

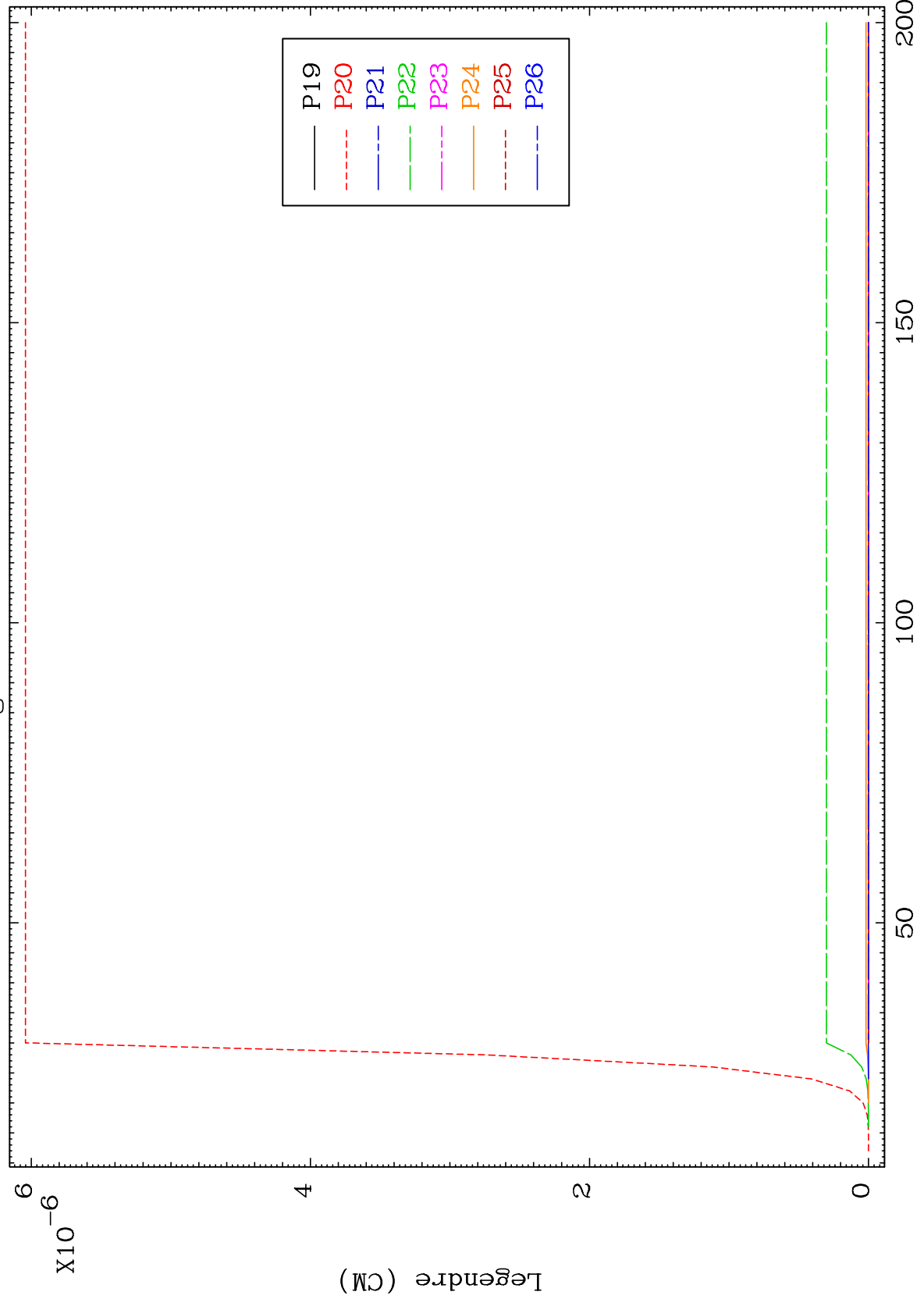
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55-Cs-126

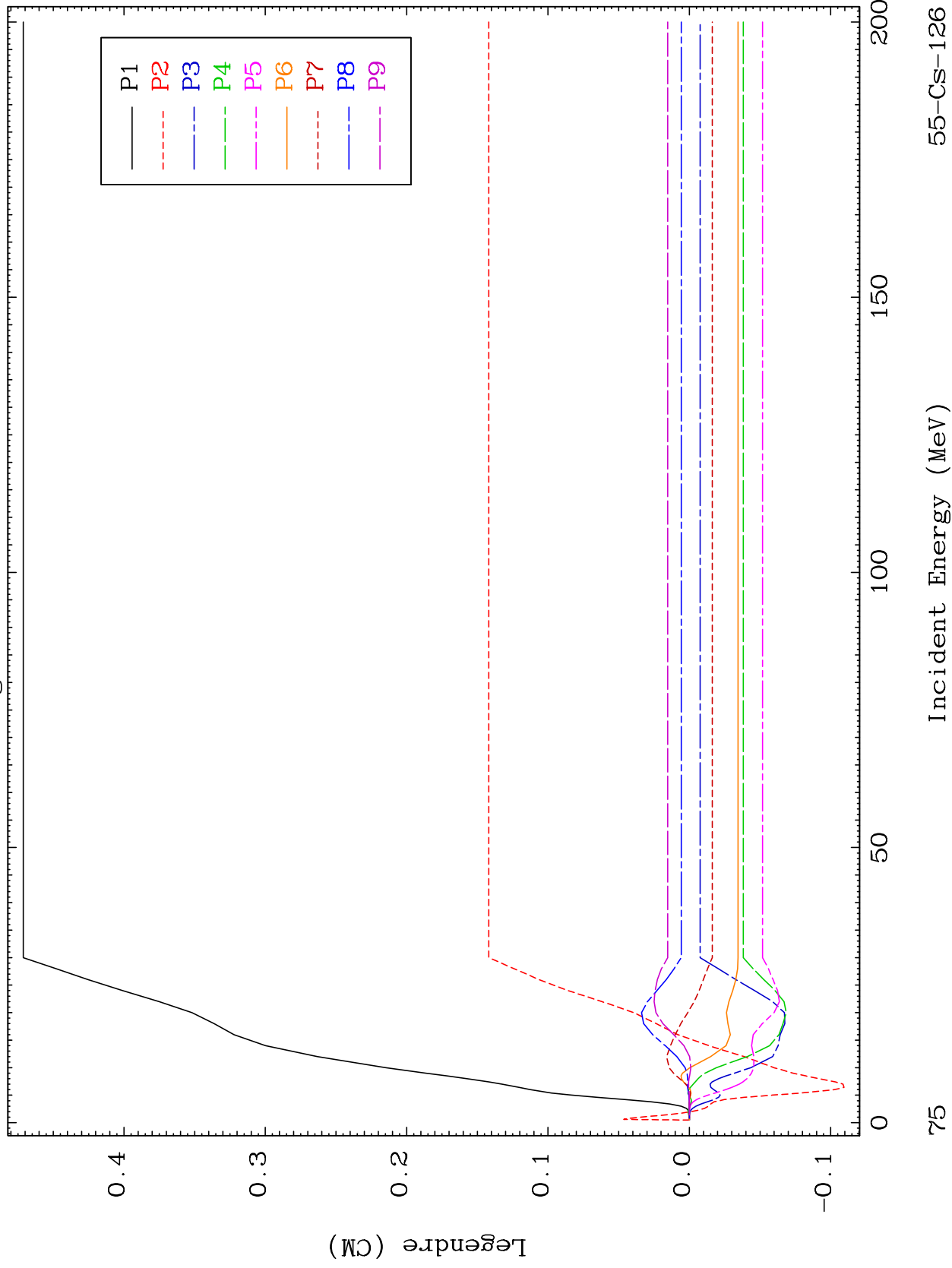
Incident Energy (MeV)

74

MAT 5504

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

55-Cs-126



55-Cs-126

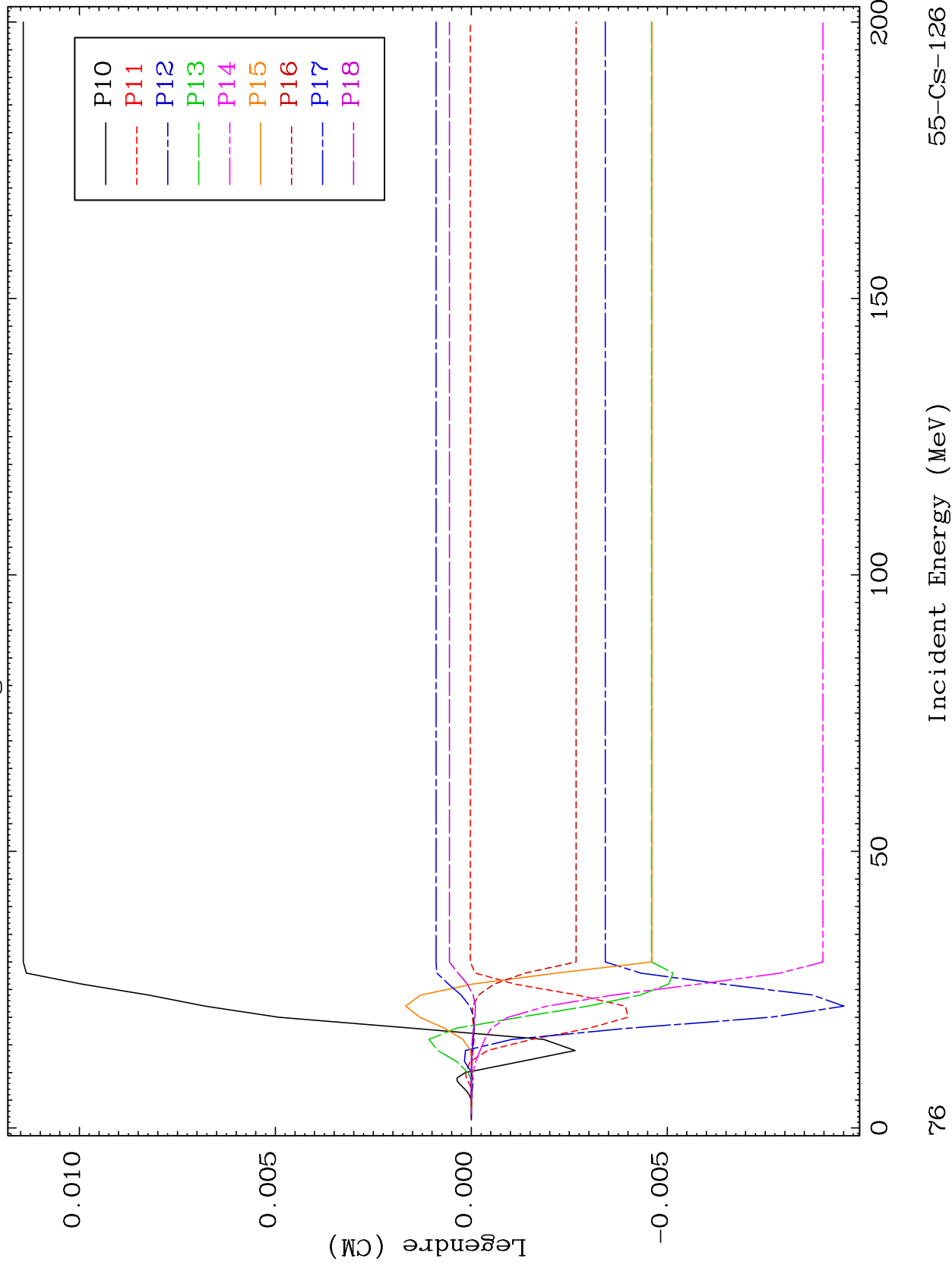
Incident Energy (MeV)

75

MAT 5504

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

55-Cs-126



76

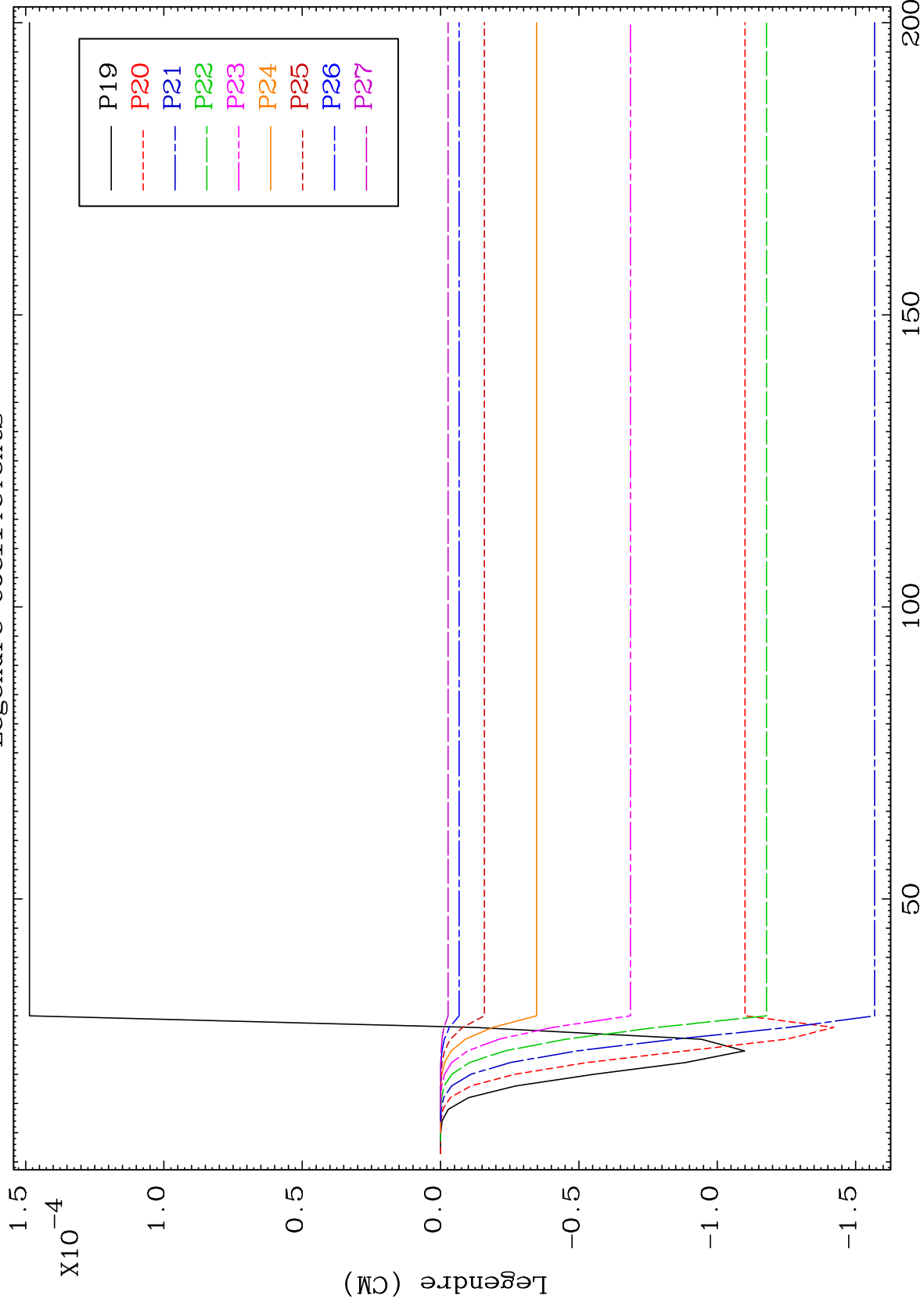
Incident Energy (MeV)

55-Cs-126

MAT 5504

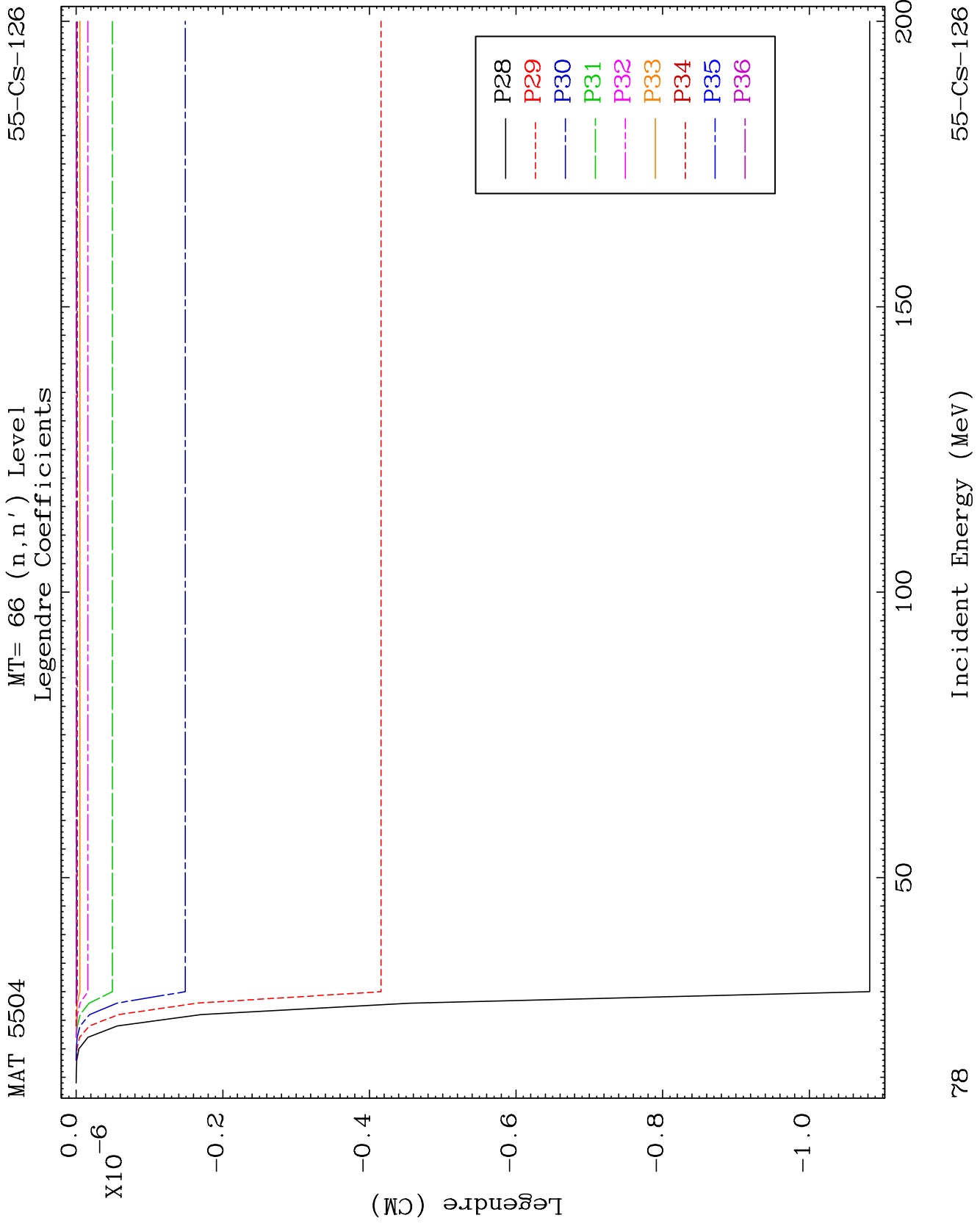
MT= 66 (n,n') Level  
Legendre Coefficients

55-Cs-126



77

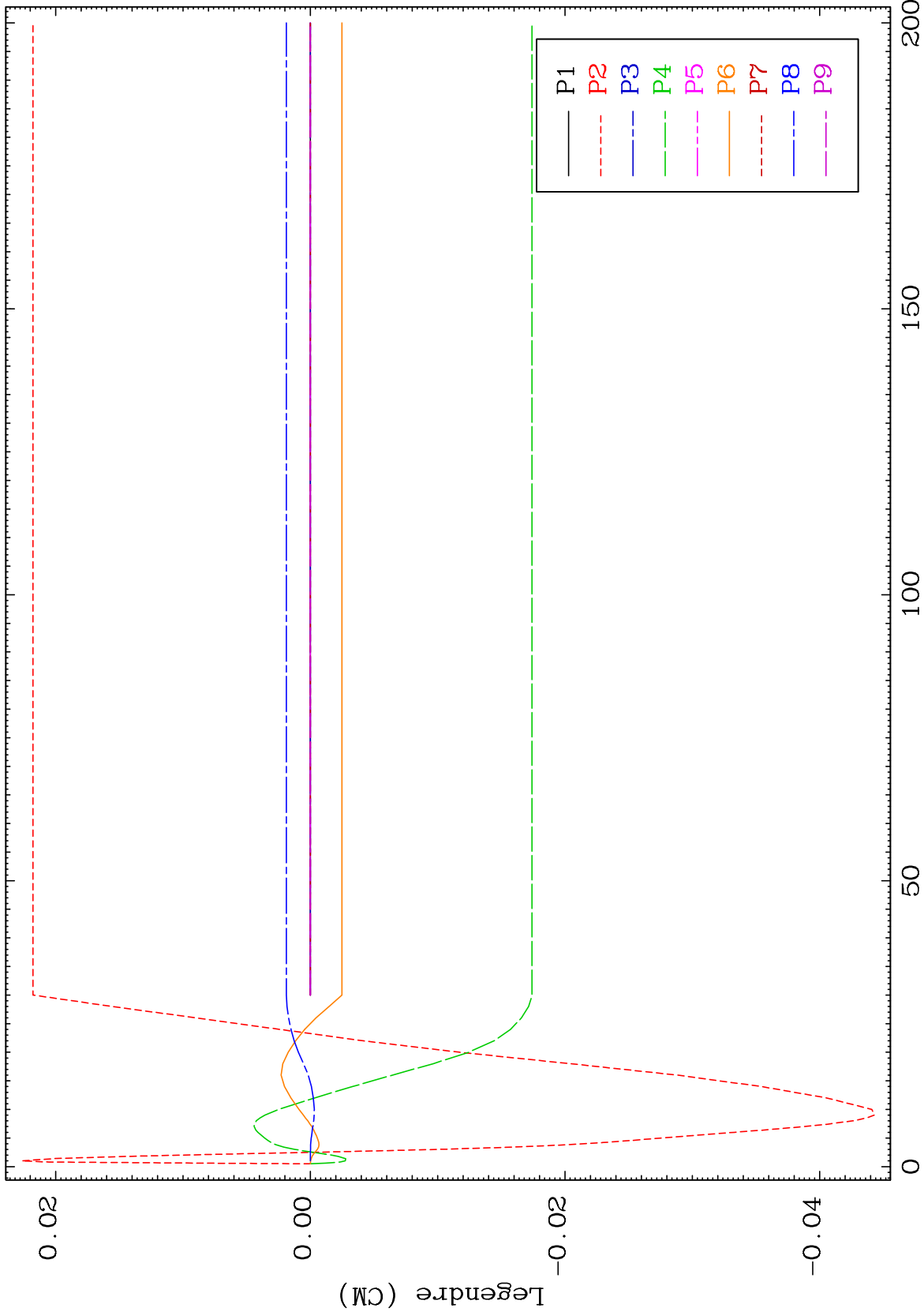
55-Cs-126



MAT 5504

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

55-Cs-126



79

Incident Energy (MeV)

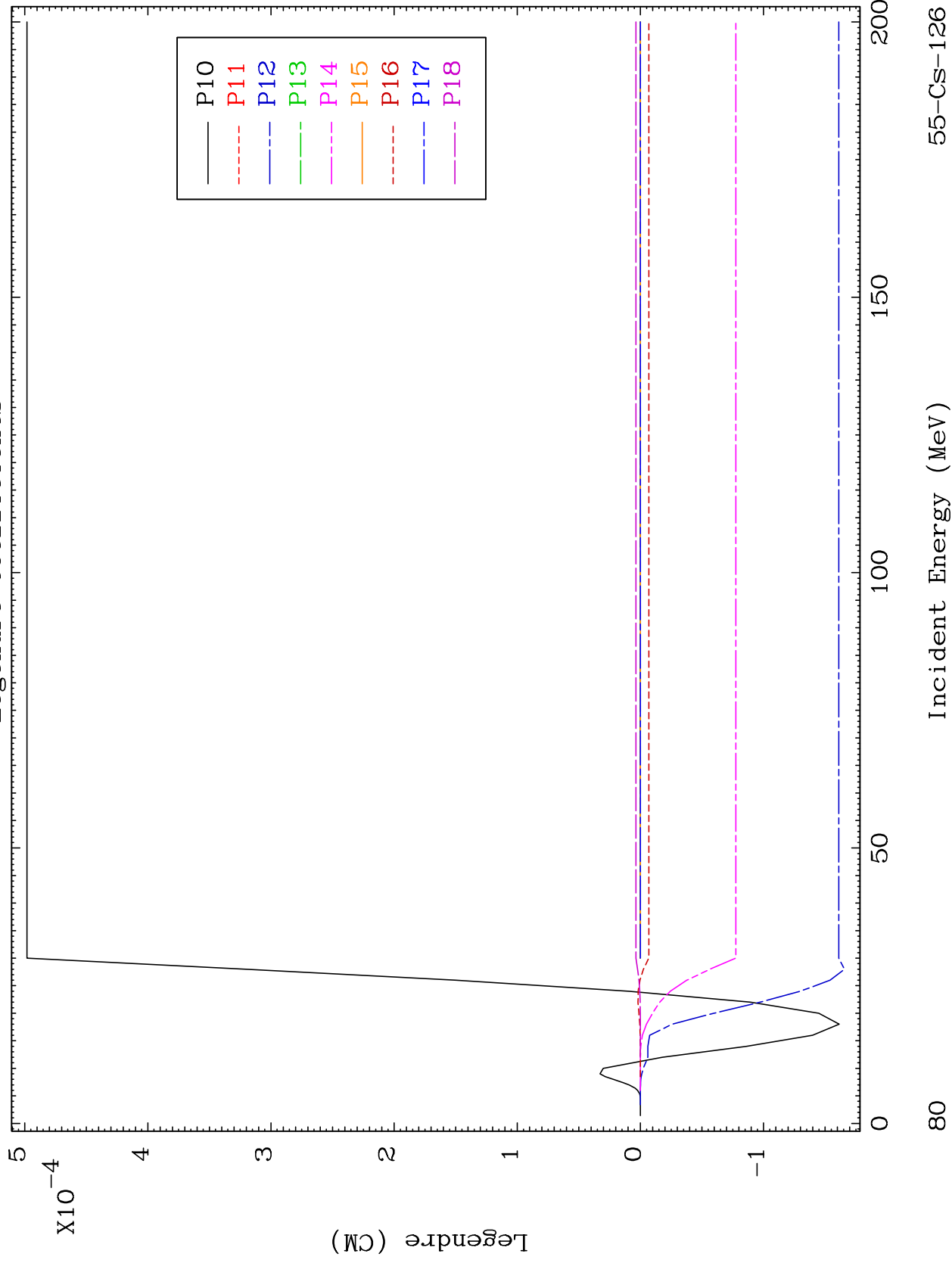
55-Cs-126



MAT 5504

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

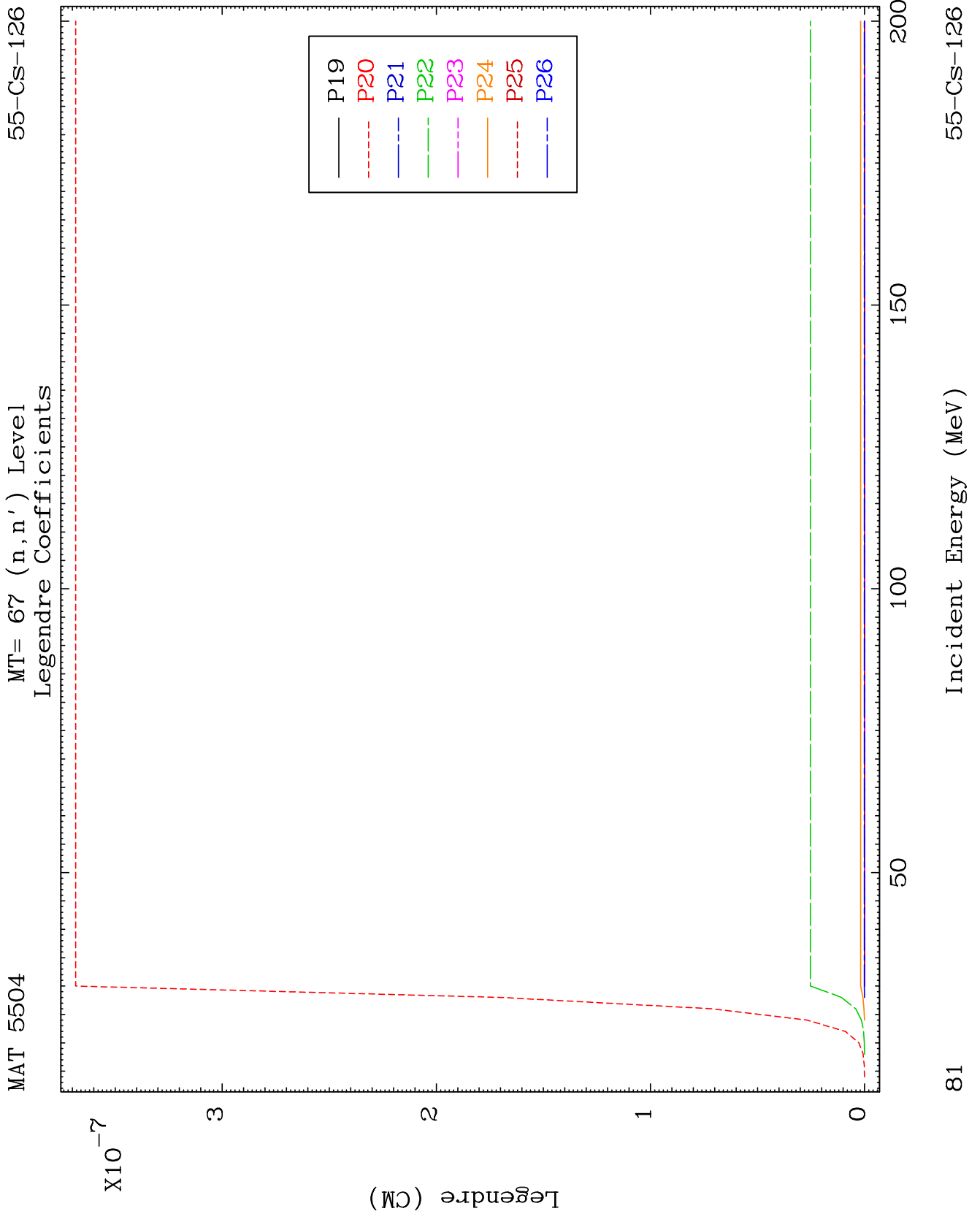
55-Cs-126



55-Cs-126

Incident Energy (MeV)

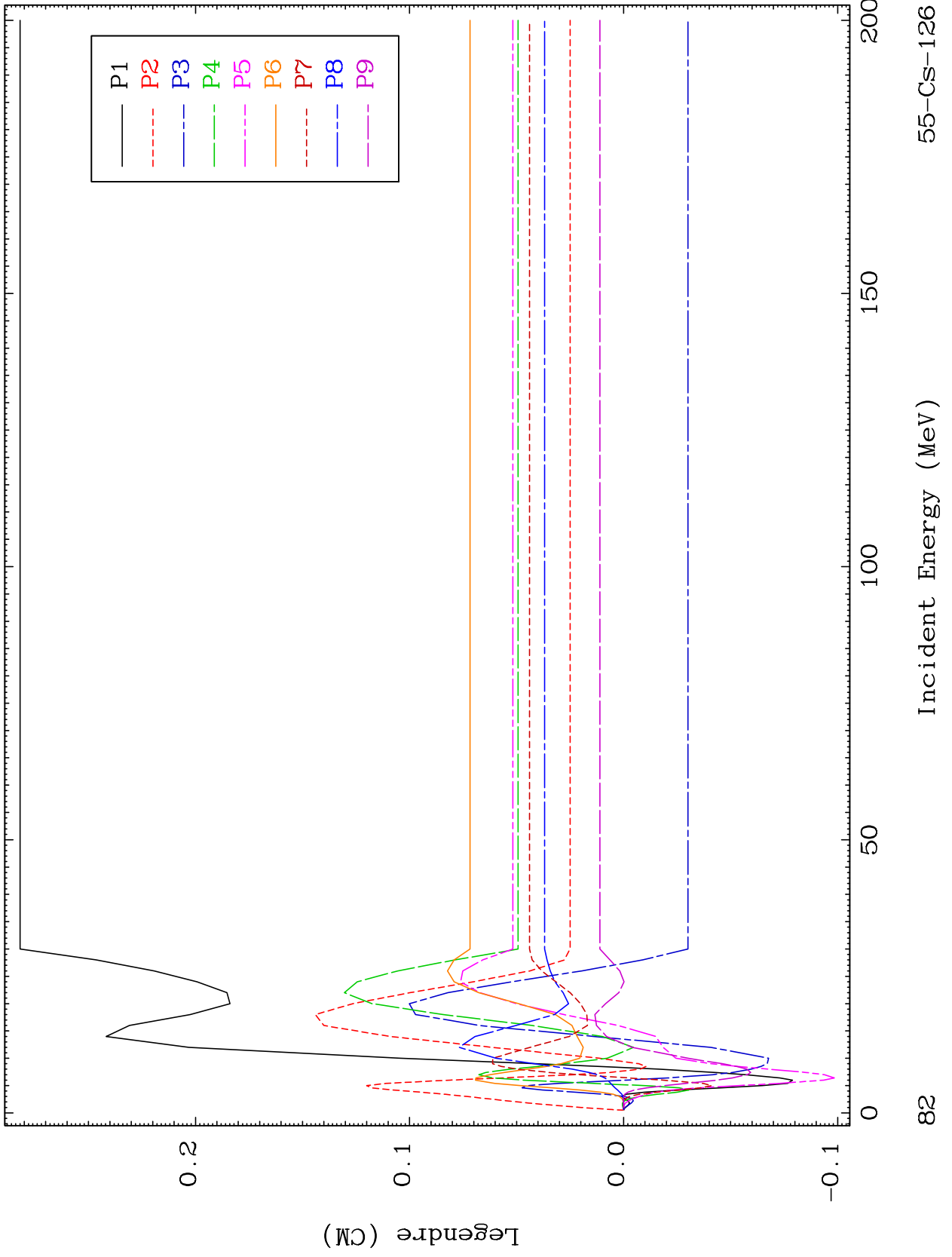
80



MAT 5504

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

55-Cs-126



82

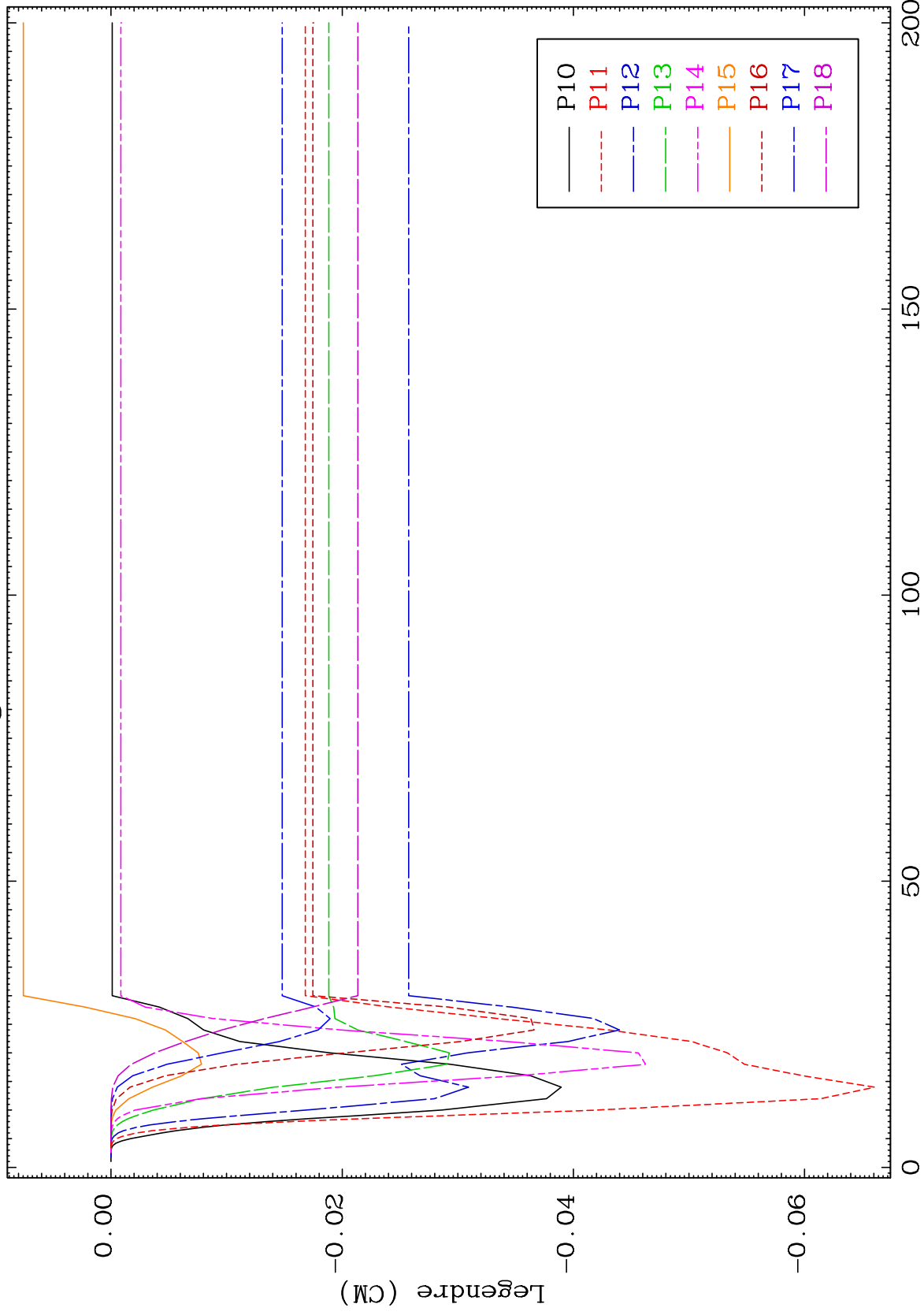
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

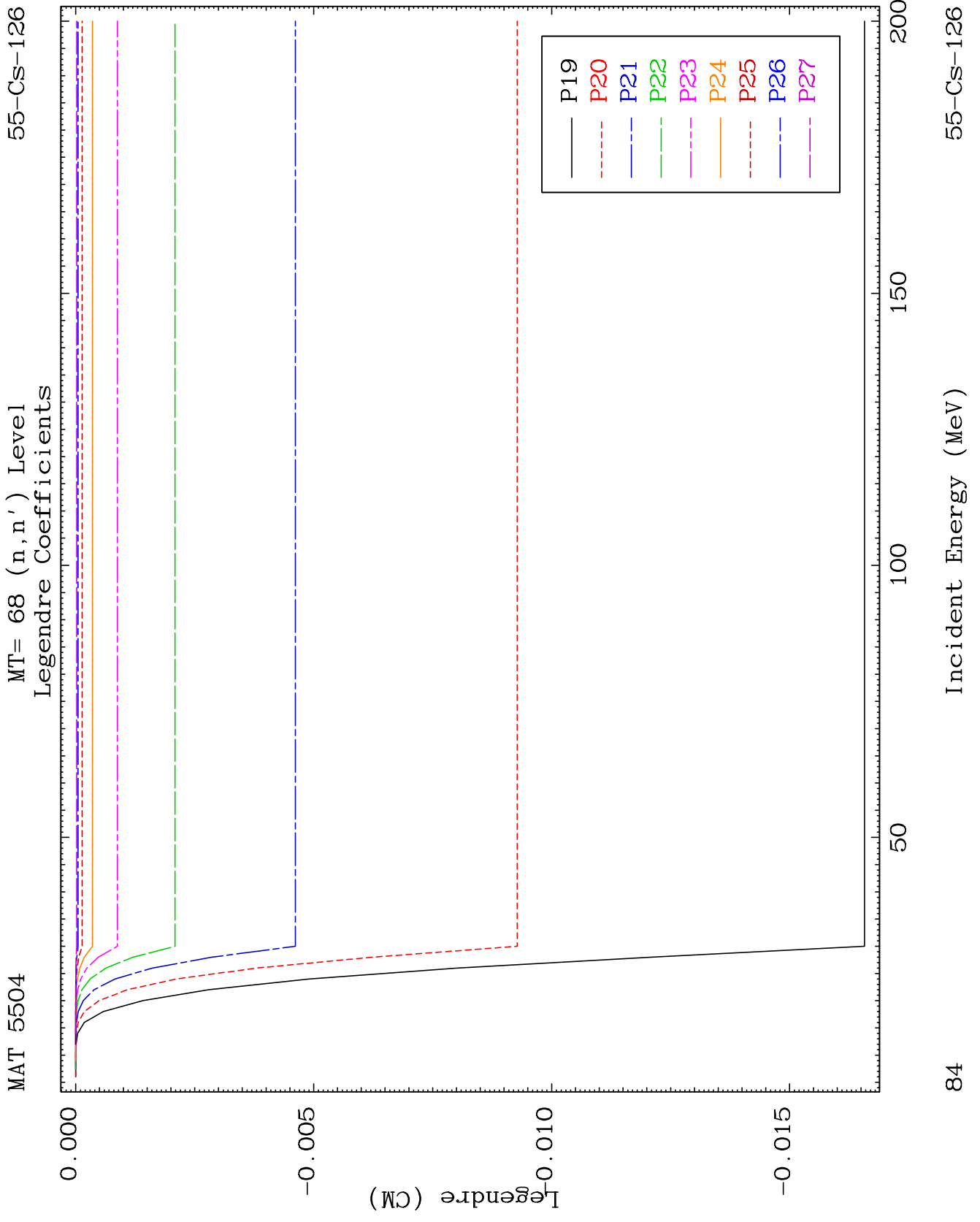
55-Cs-126

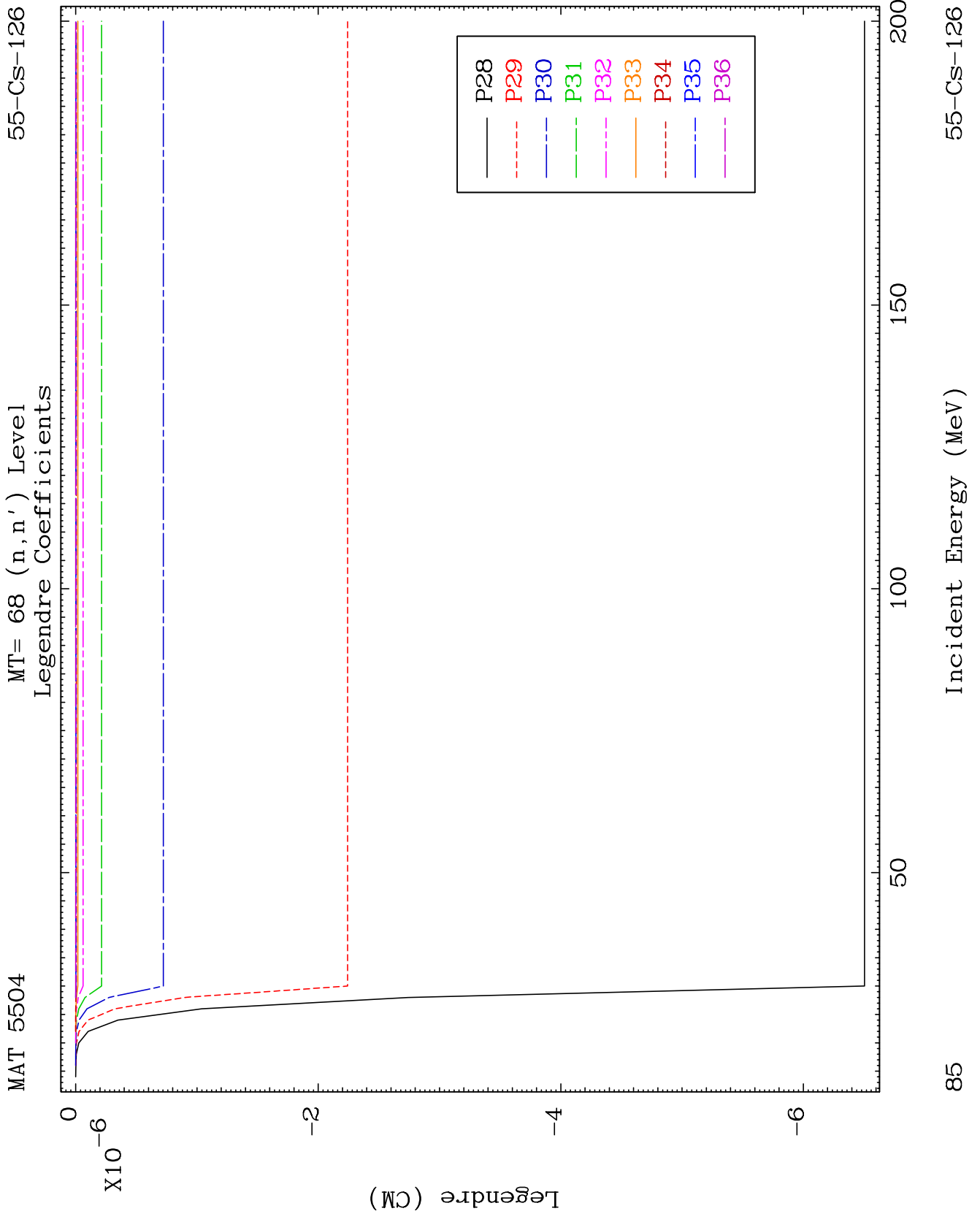


83

Incident Energy (MeV)

55-Cs-126

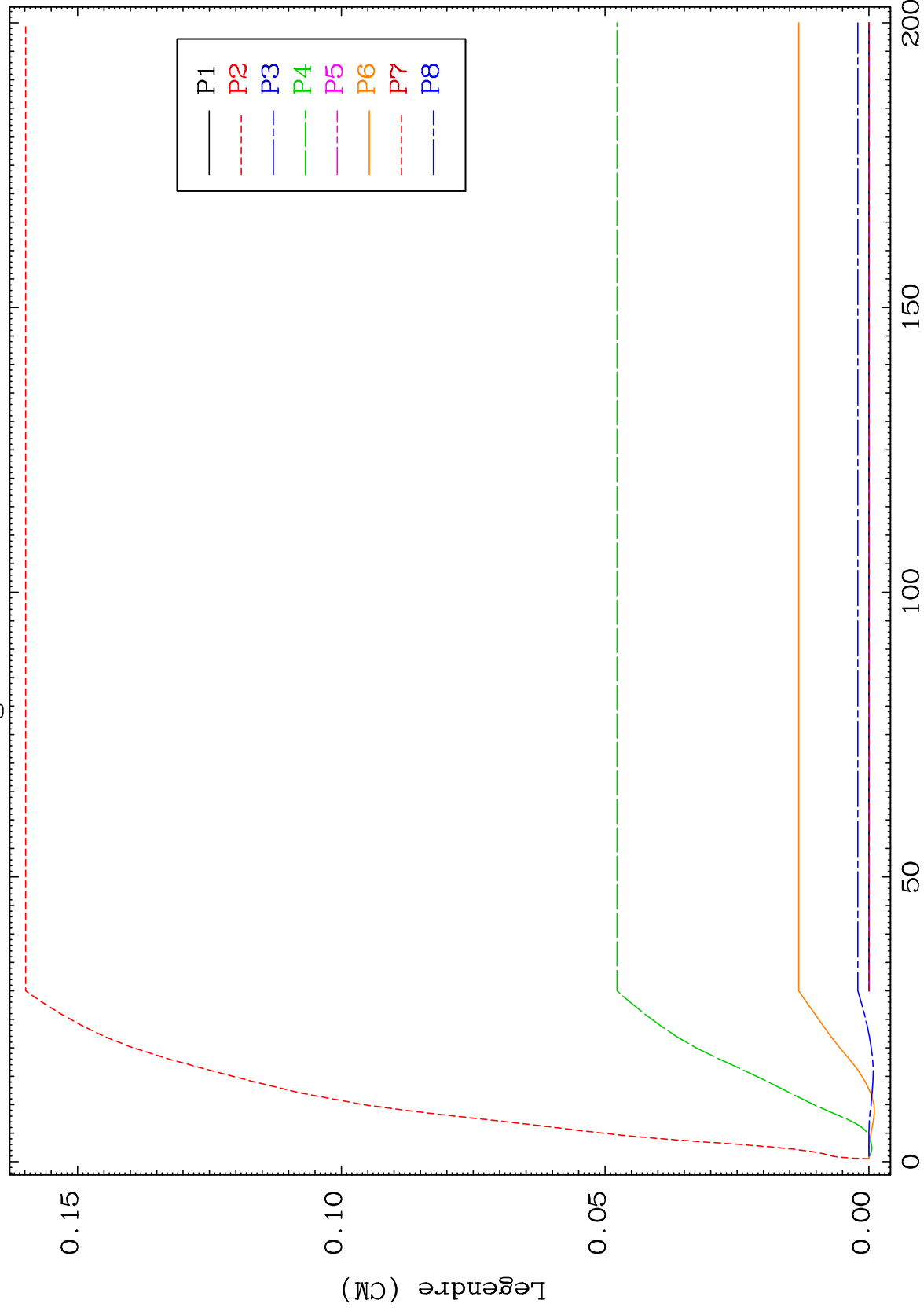




MAT 5504

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

55-Cs-126



86

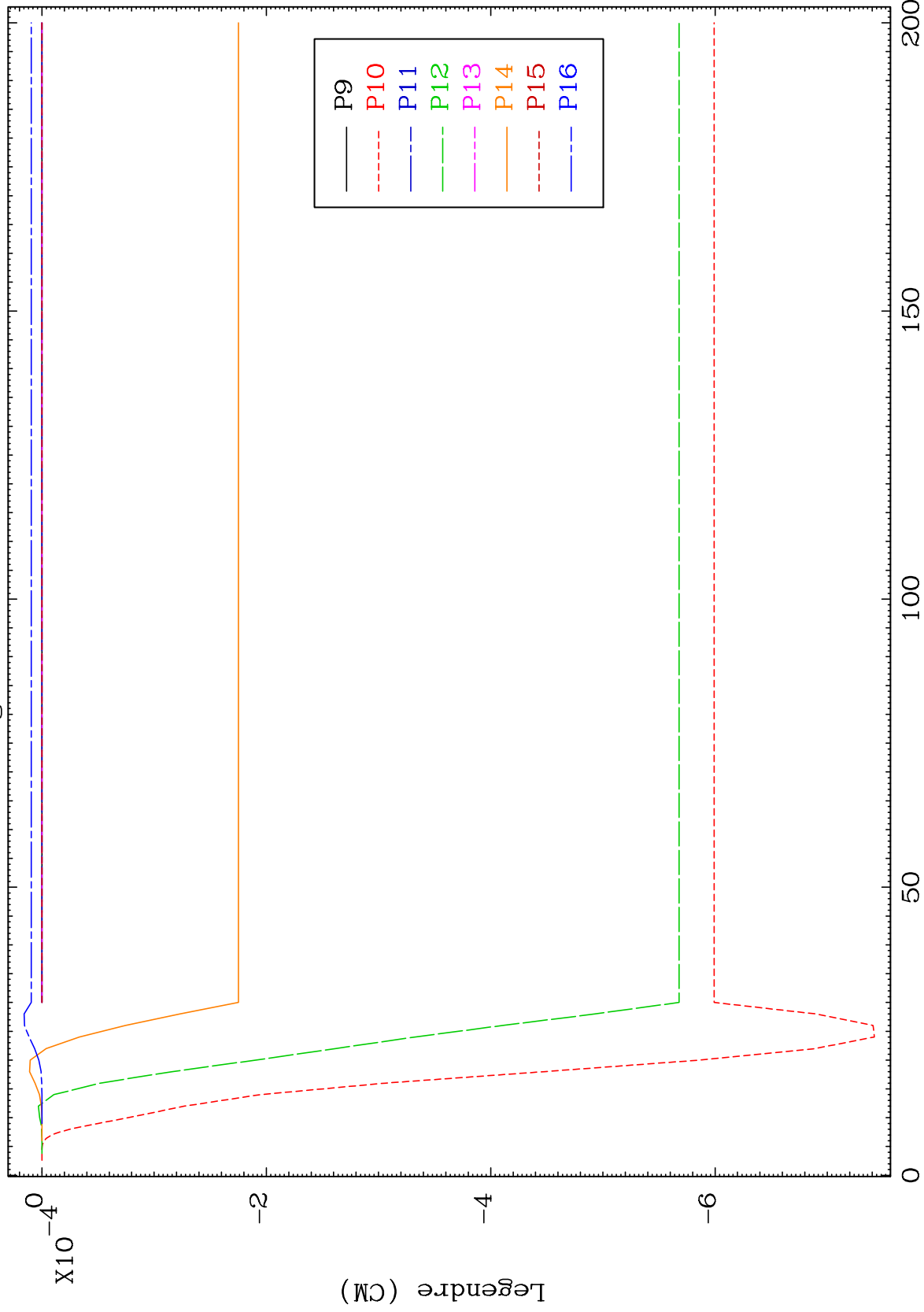
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126

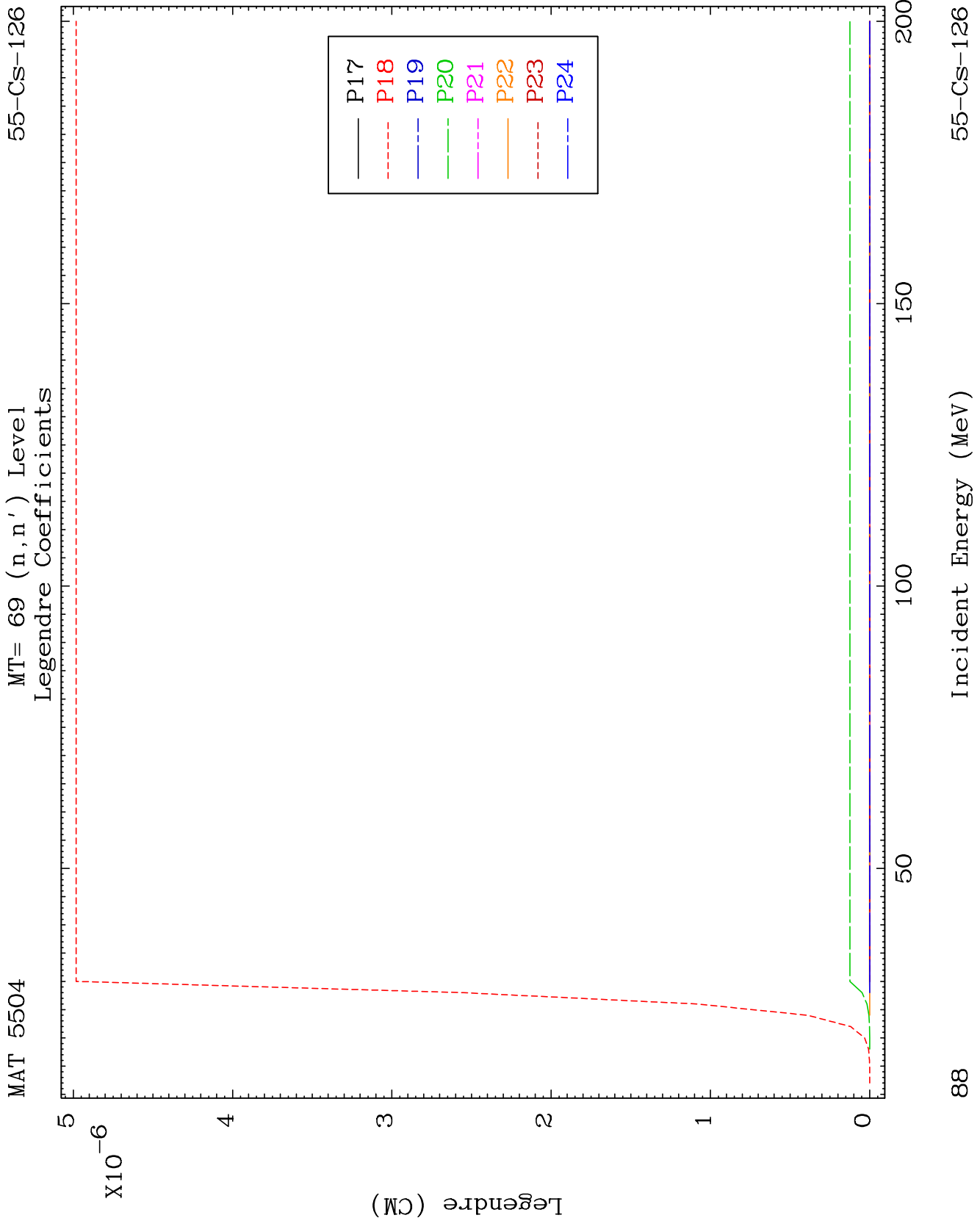


87

Incident Energy (MeV)

55-Cs-126

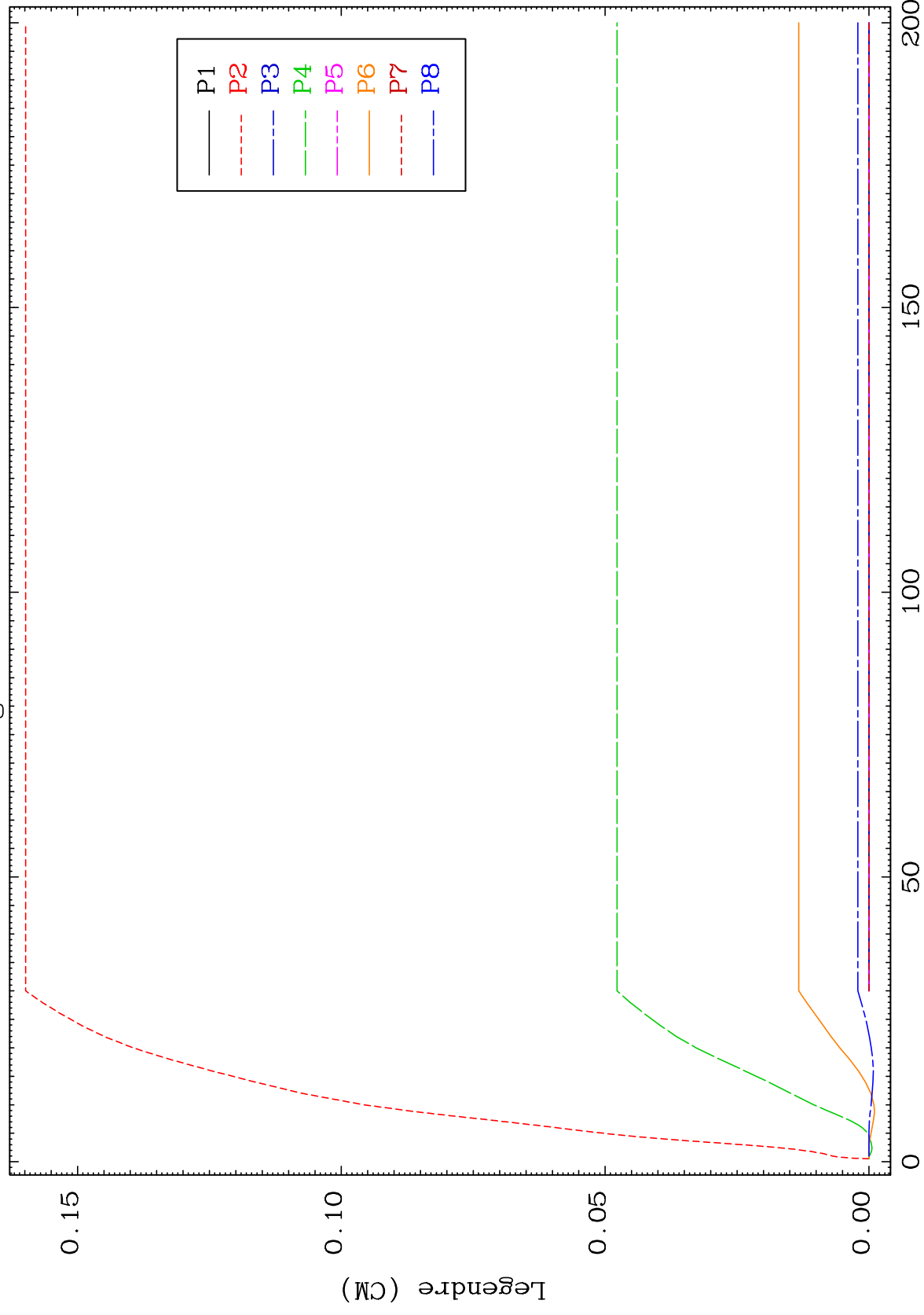




MAT 5504

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

55-Cs-126



89

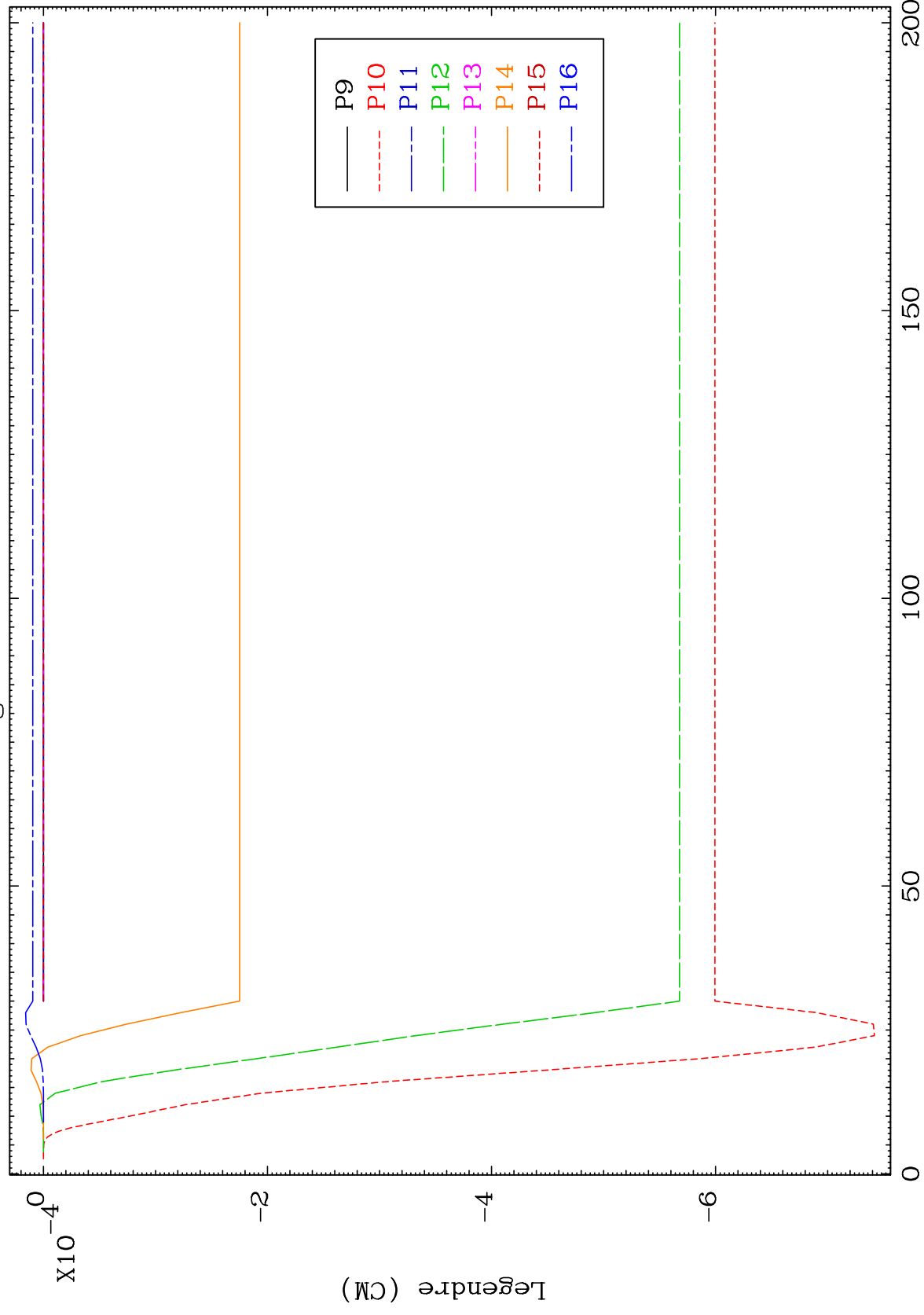
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



90

Incident Energy (MeV)

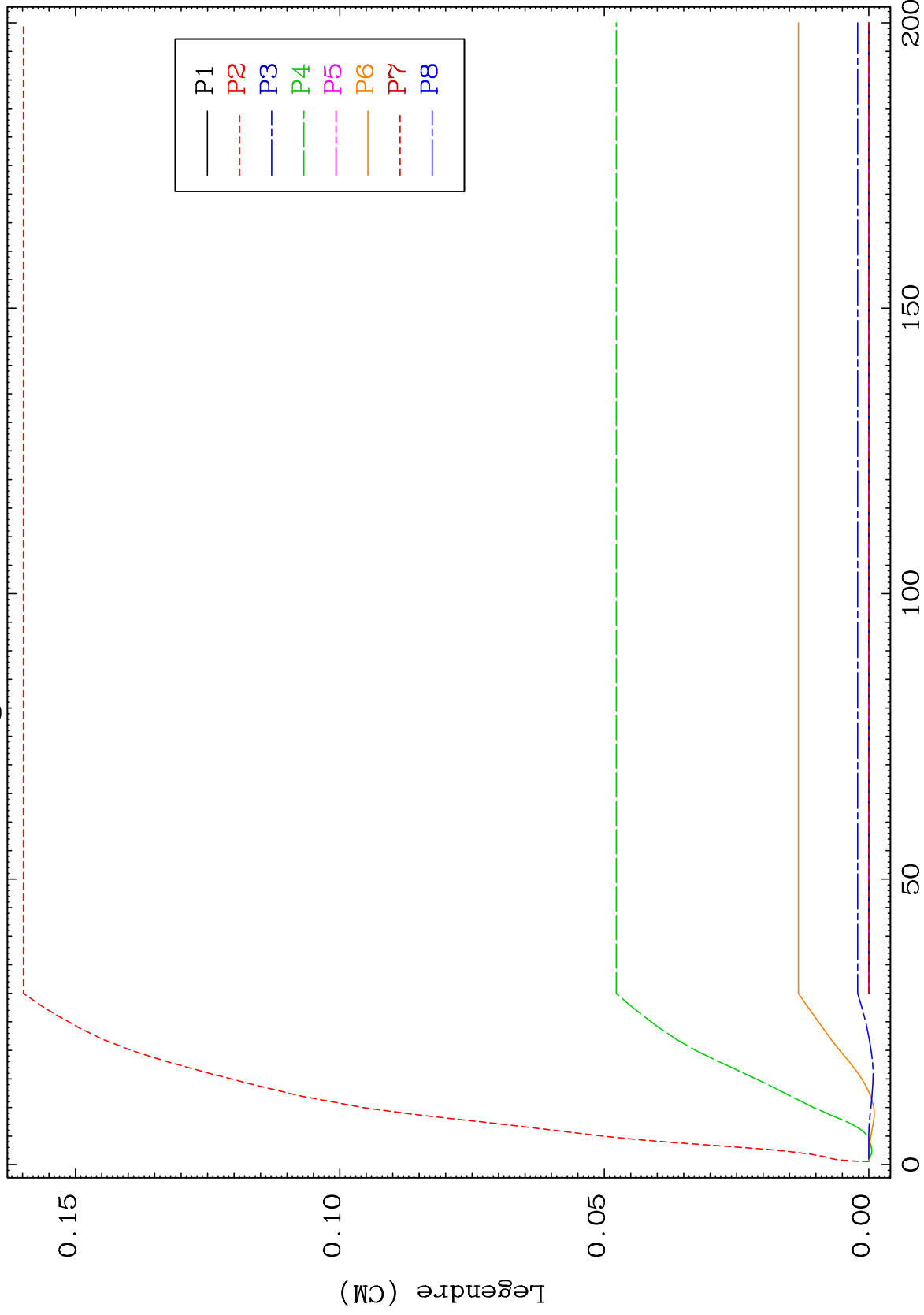
55-Cs-126



MAT 5504

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

55-Cs-126



92

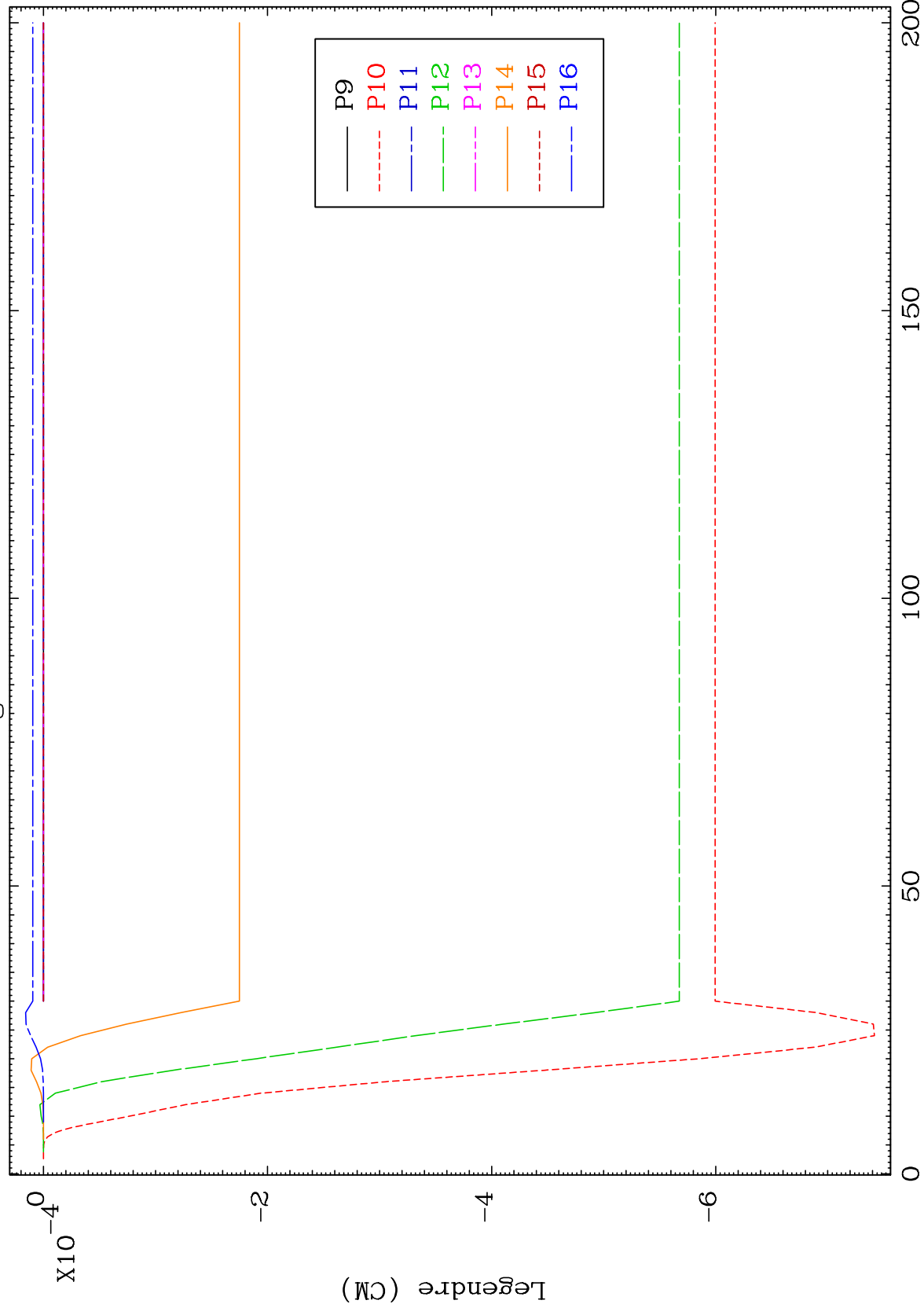
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

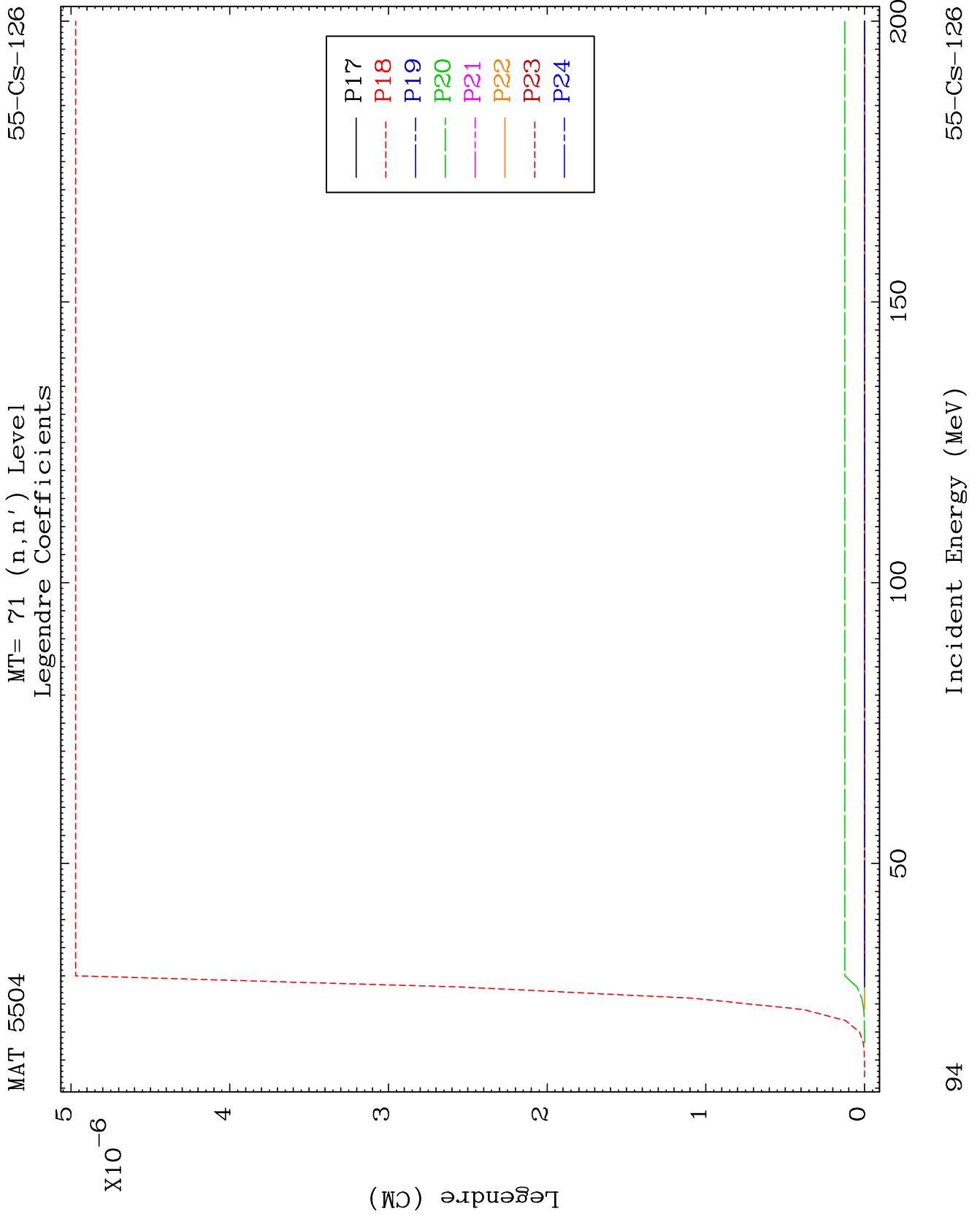
55-Cs-126



93

Incident Energy (MeV)

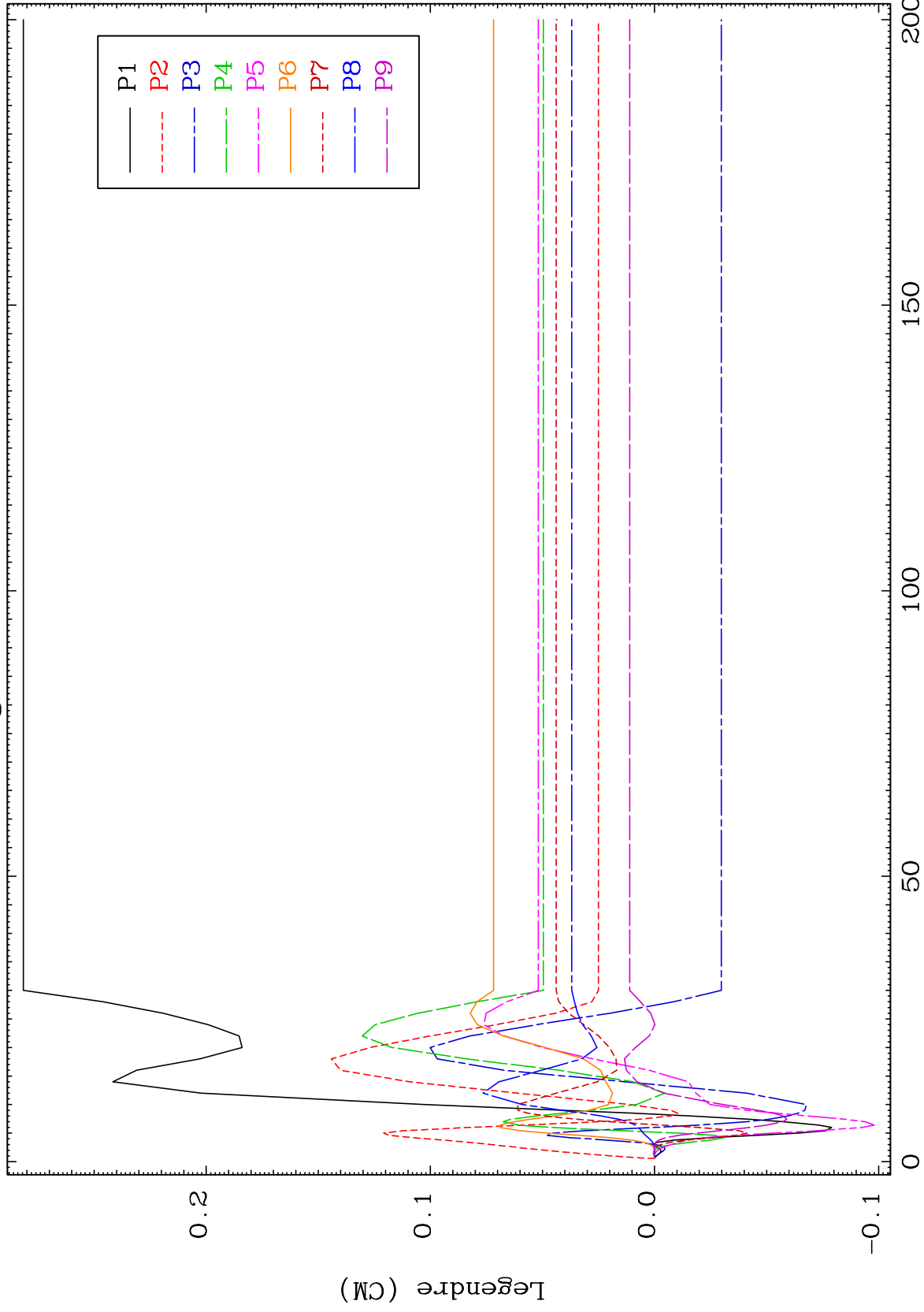
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

Incident Energy (MeV)

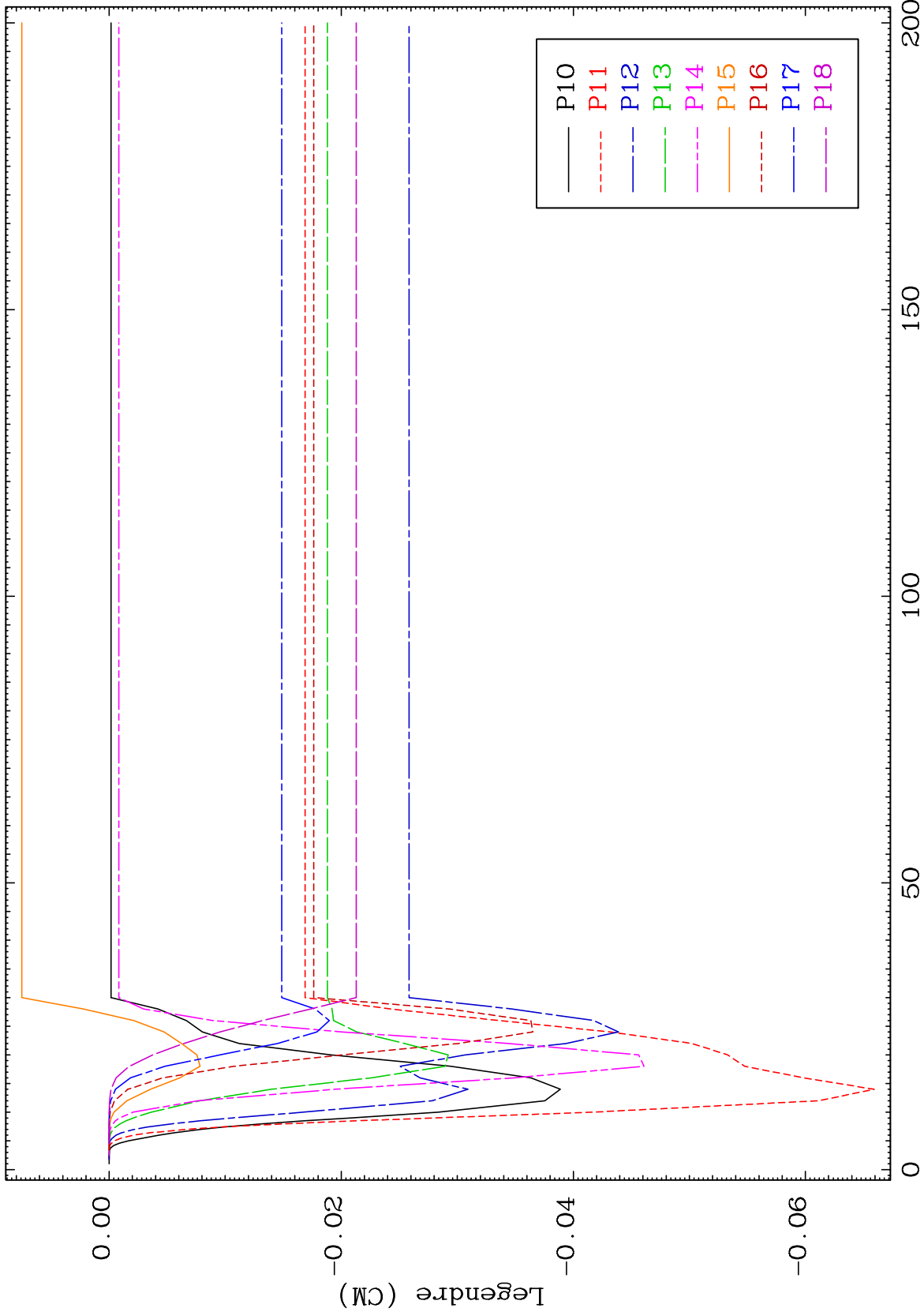
95



MAT 5504

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

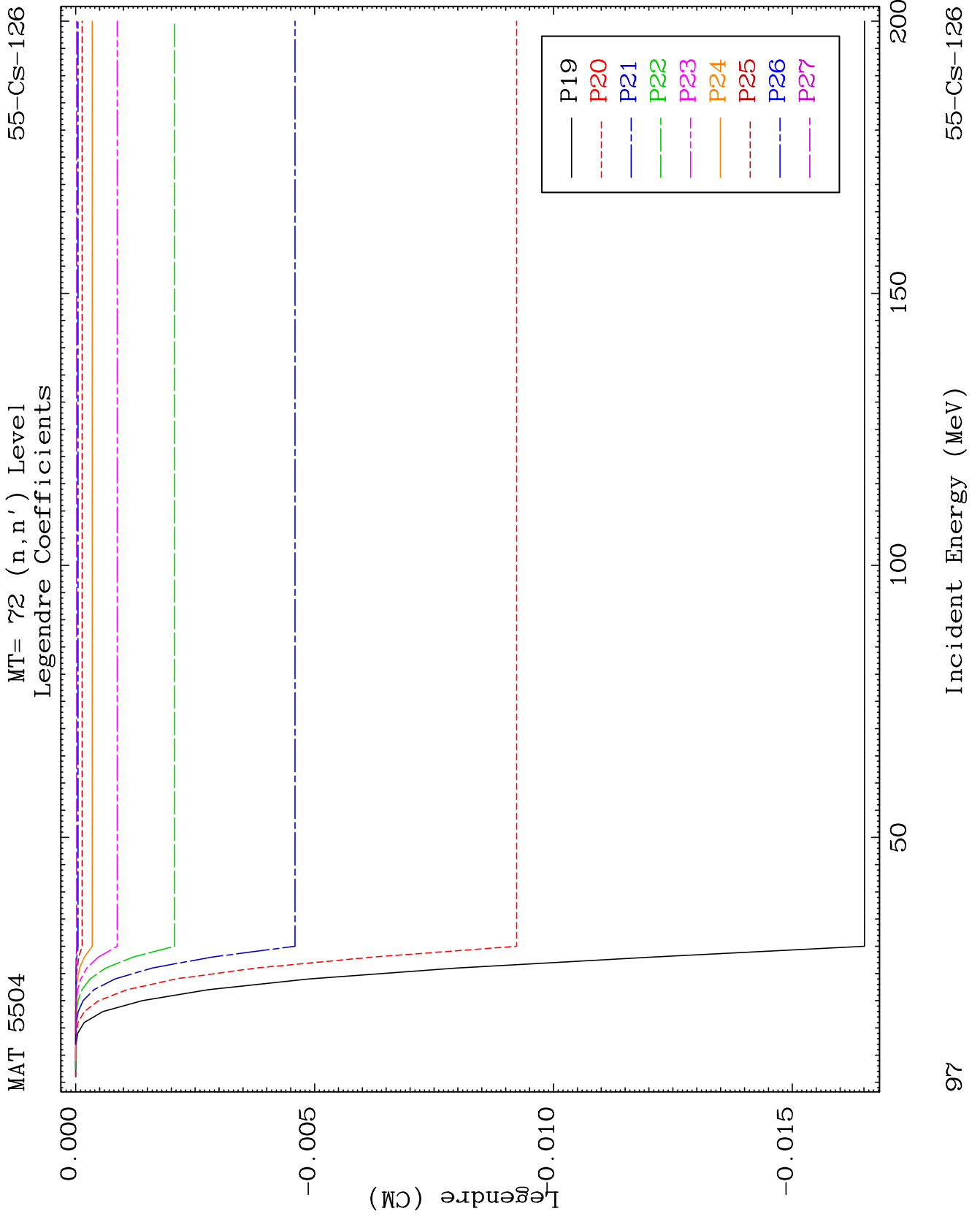
55-Cs-126



96

Incident Energy (MeV)

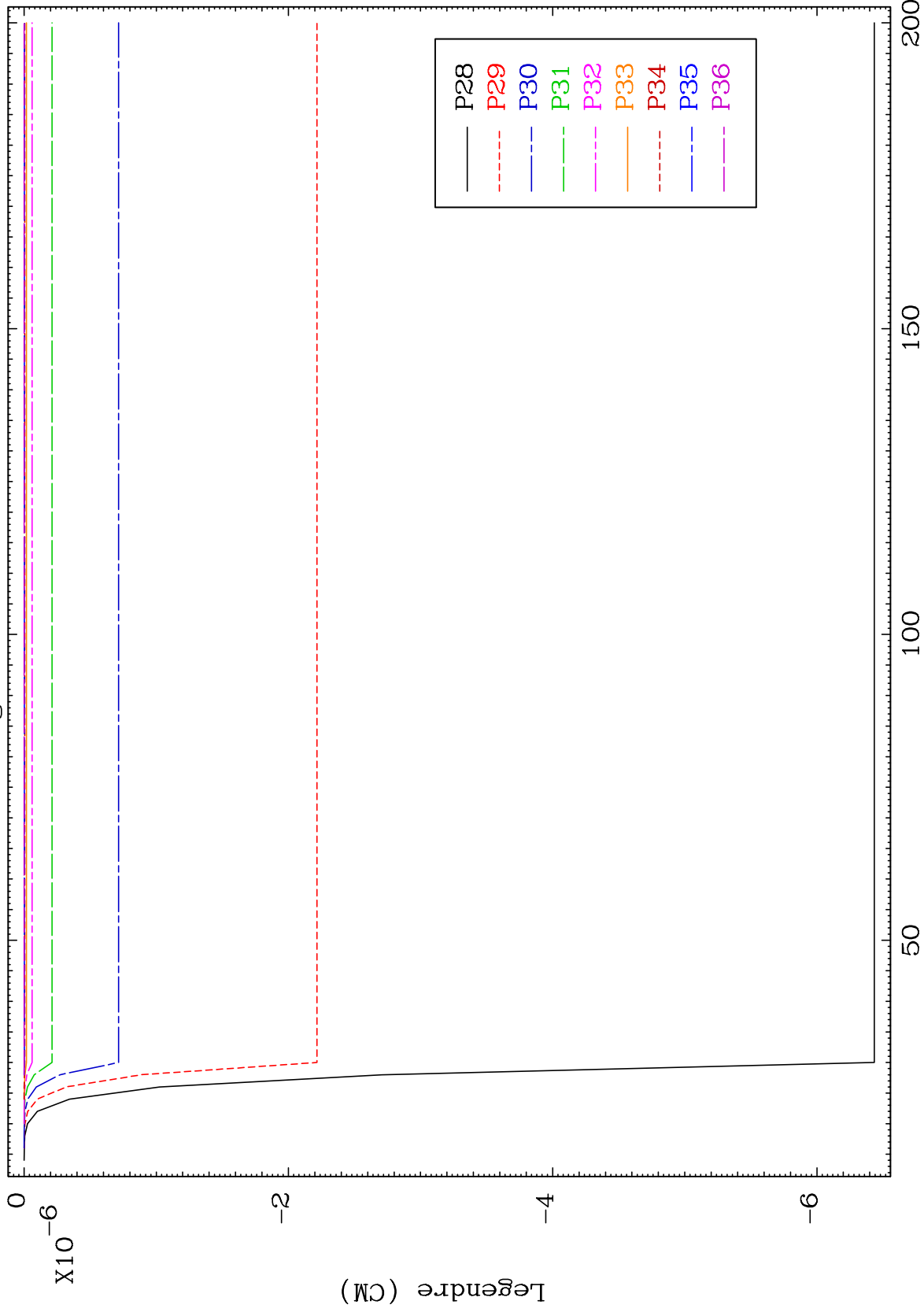
55-Cs-126



MAT 5504

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

55-Cs-126



98

Incident Energy (MeV)

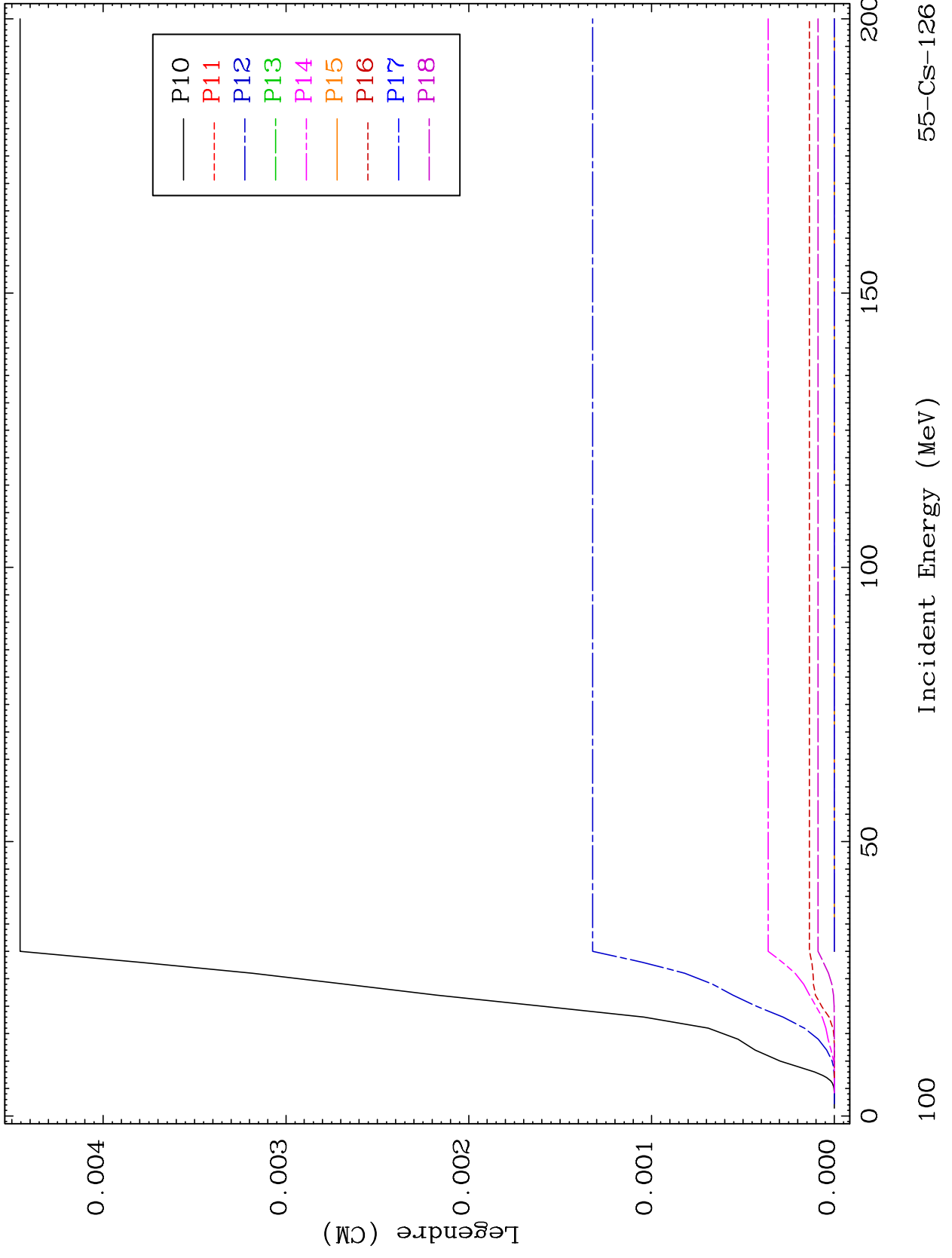
55-Cs-126



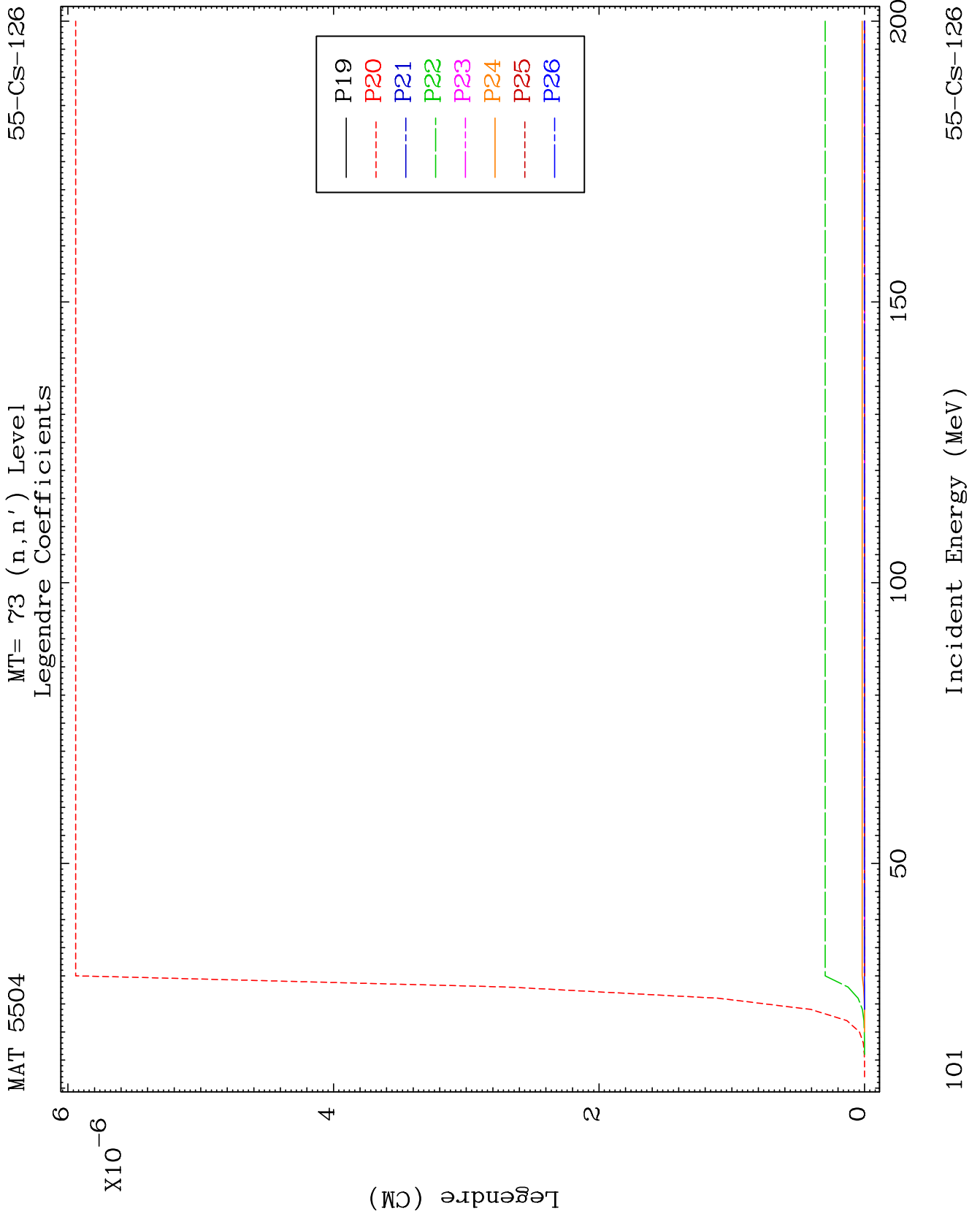
MAT 5504

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

55-Cs-126



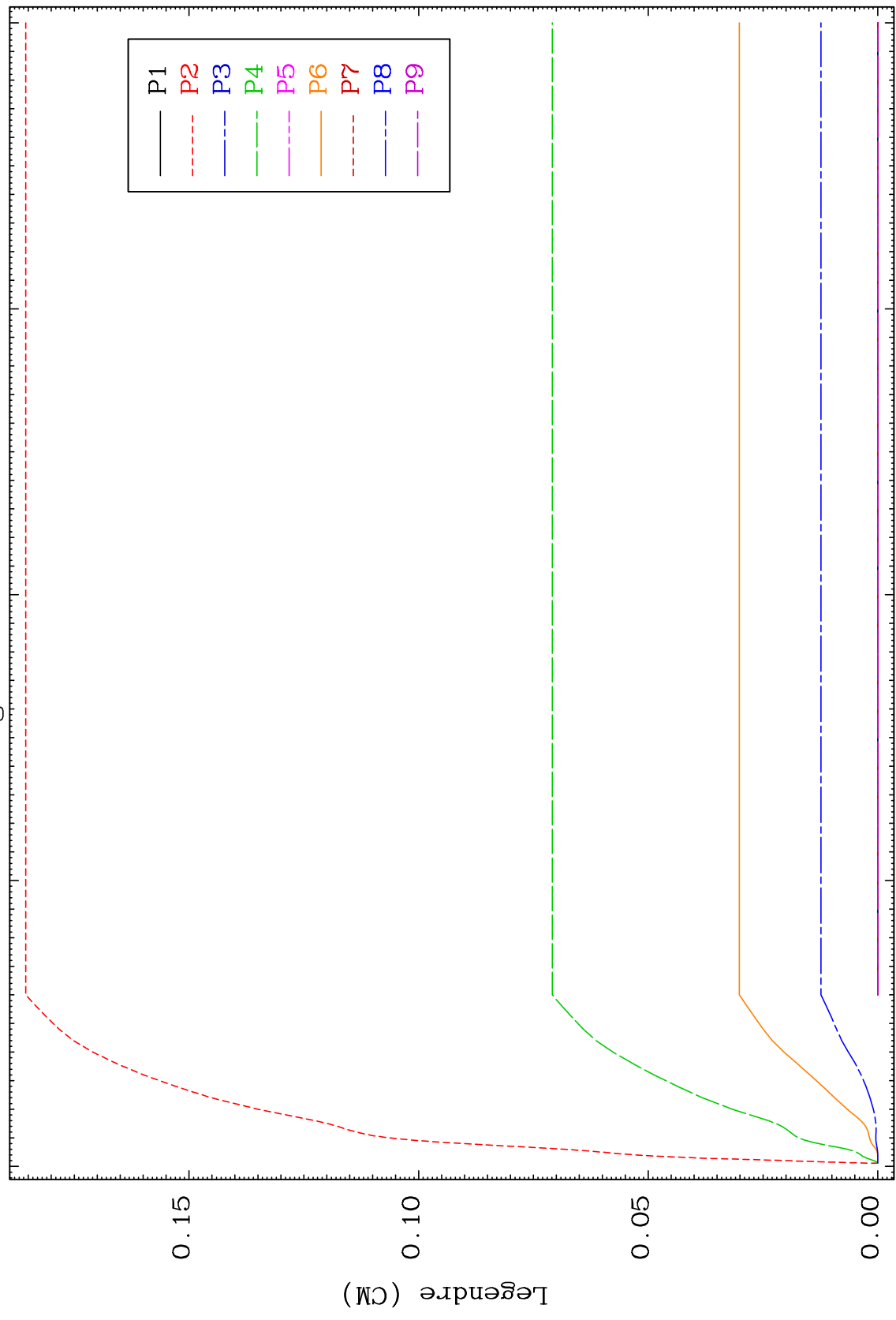
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

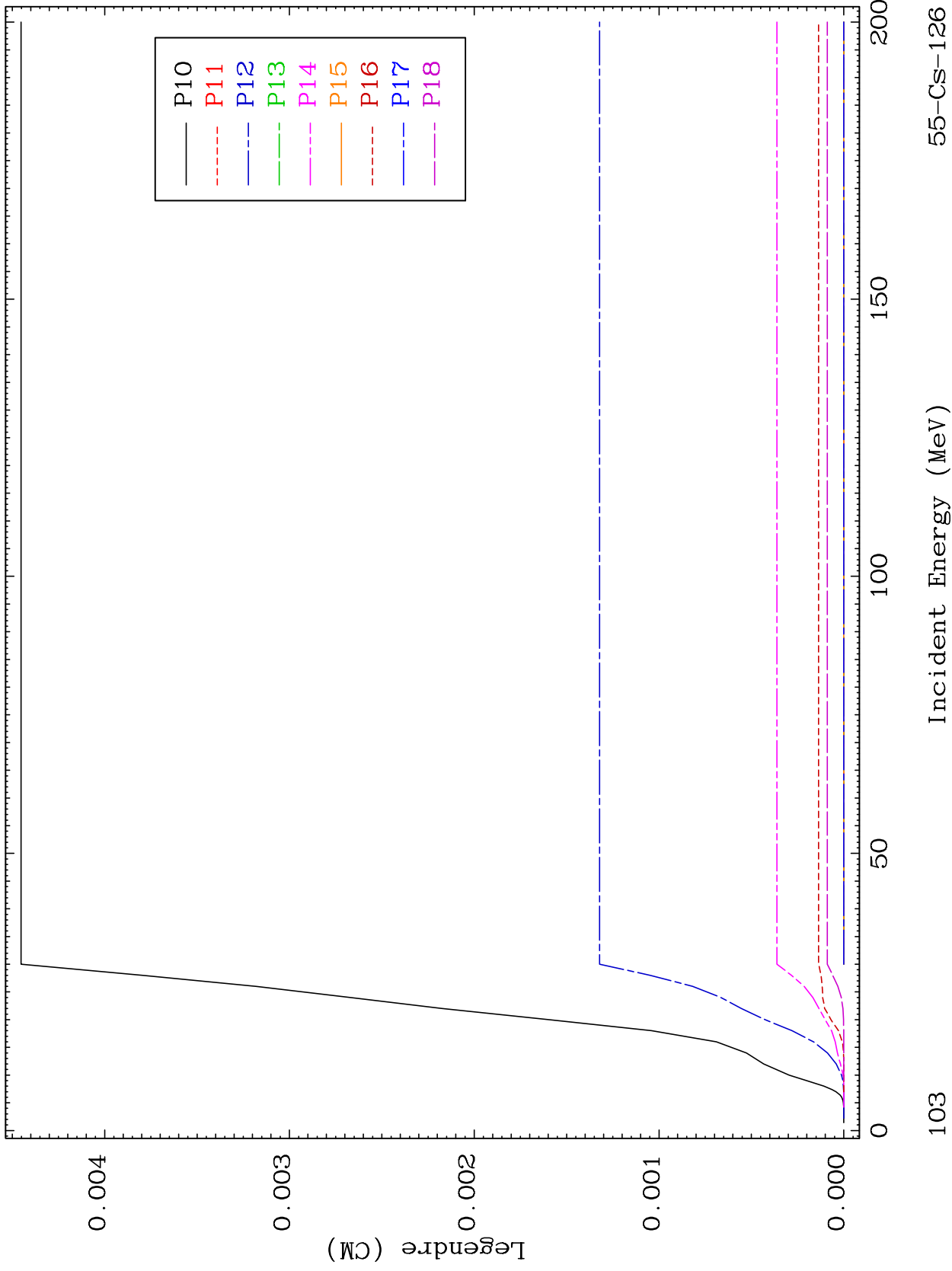
Incident Energy (MeV)

102

MAT 5504

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

55-Cs-126



55-Cs-126

Incident Energy (MeV)

103



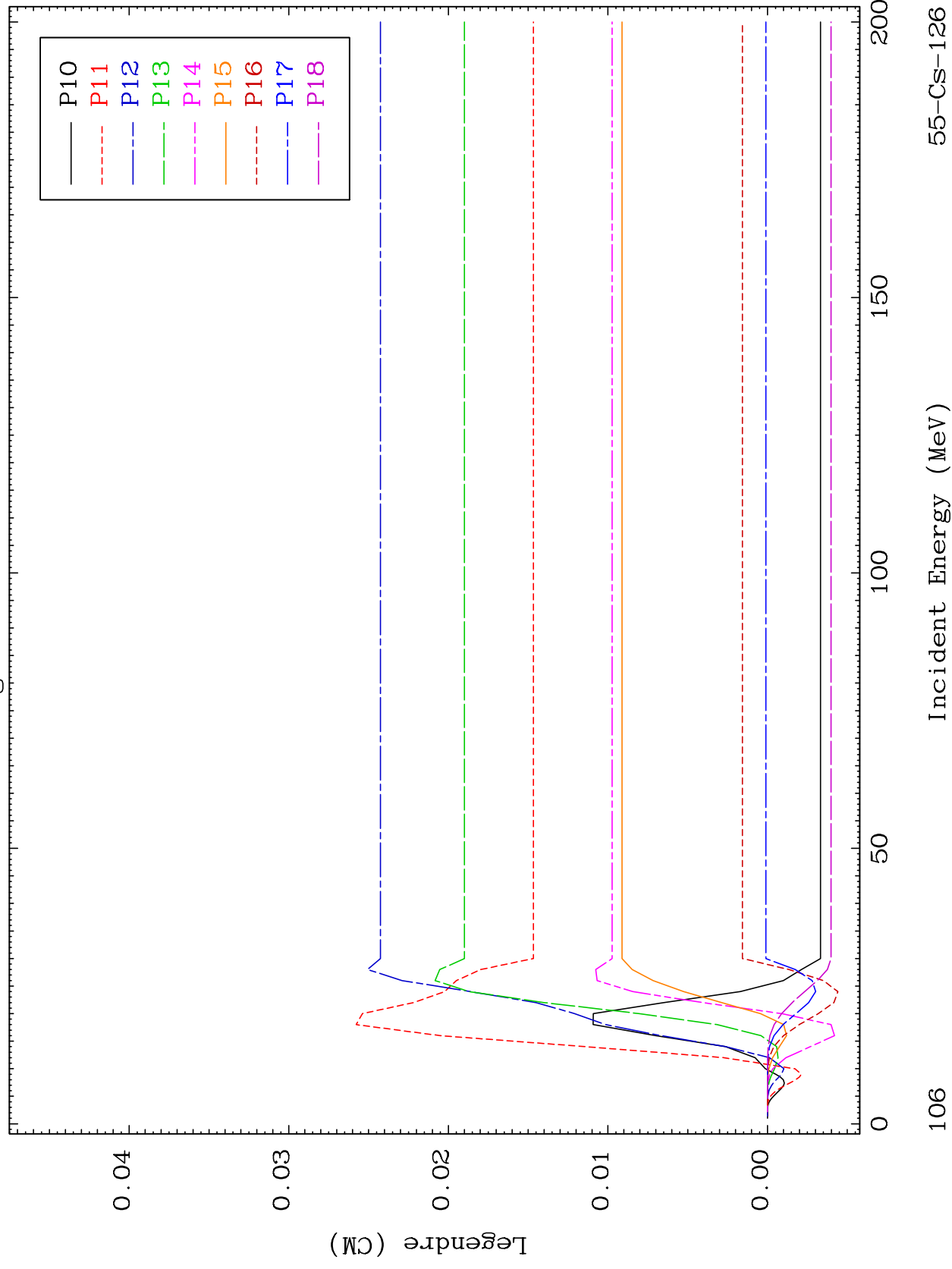




MAT 5504

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

55-Cs-126



55-Cs-126

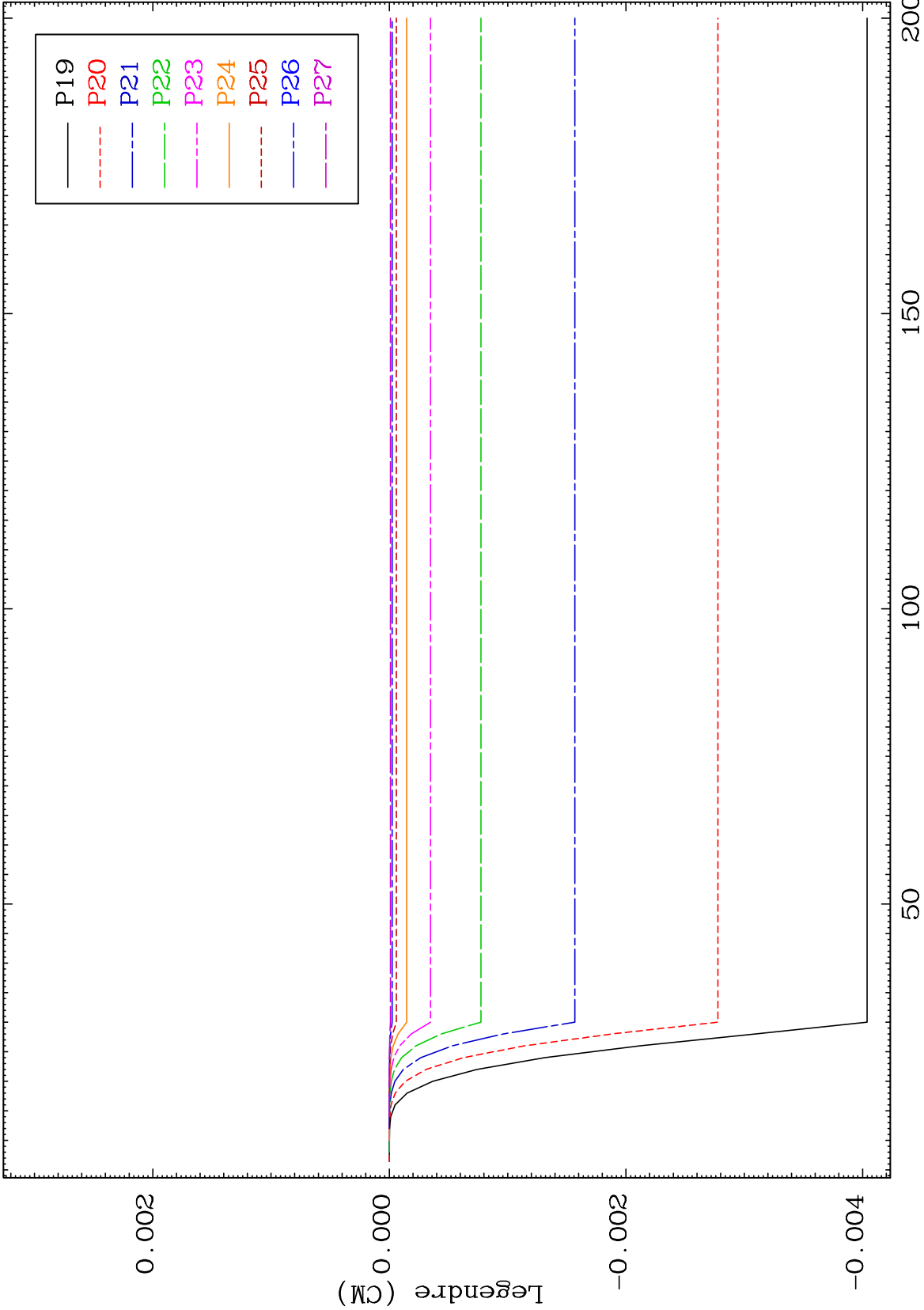
Incident Energy (MeV)

106

MAT 5504

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

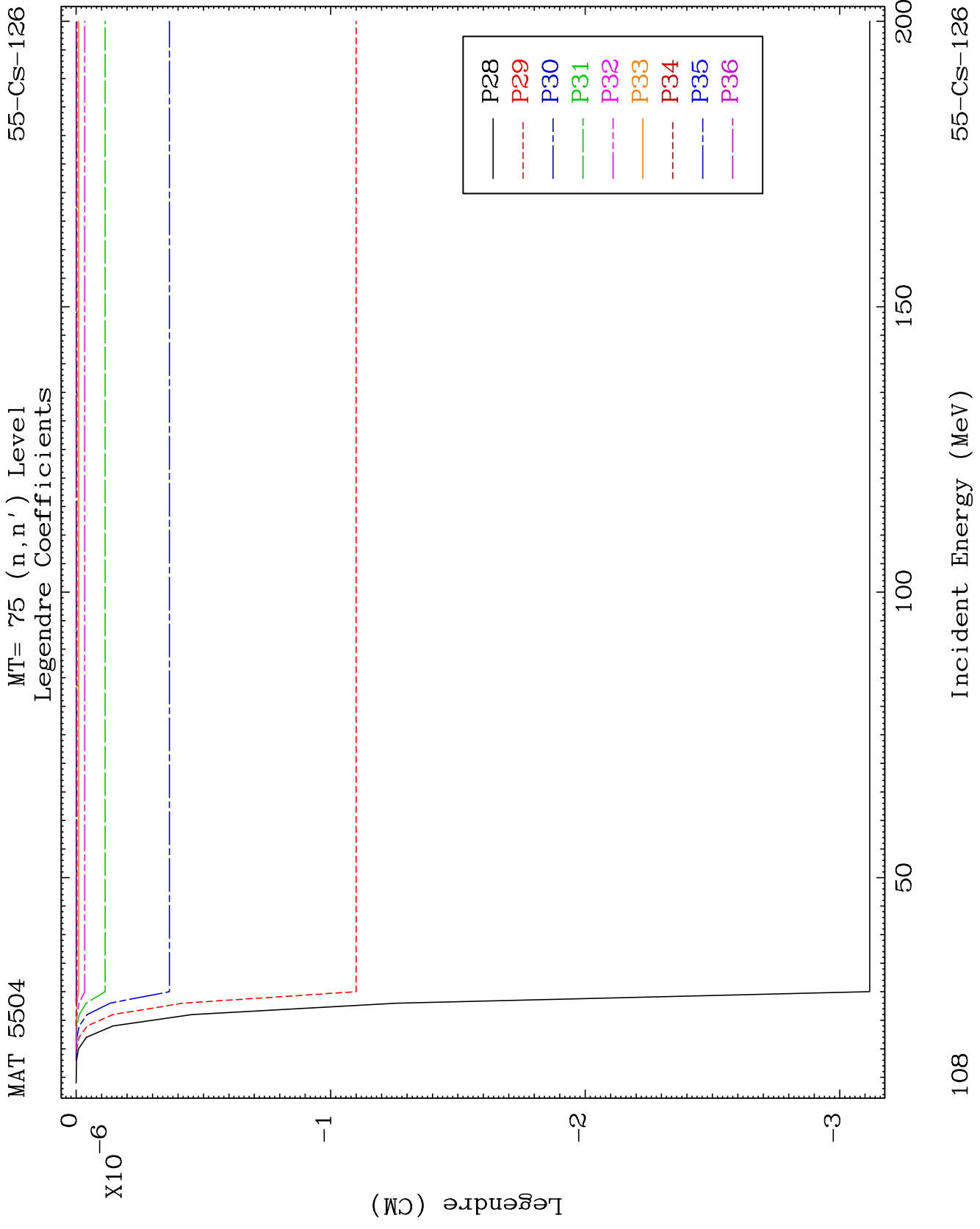
55-Cs-126



107

Incident Energy (MeV)

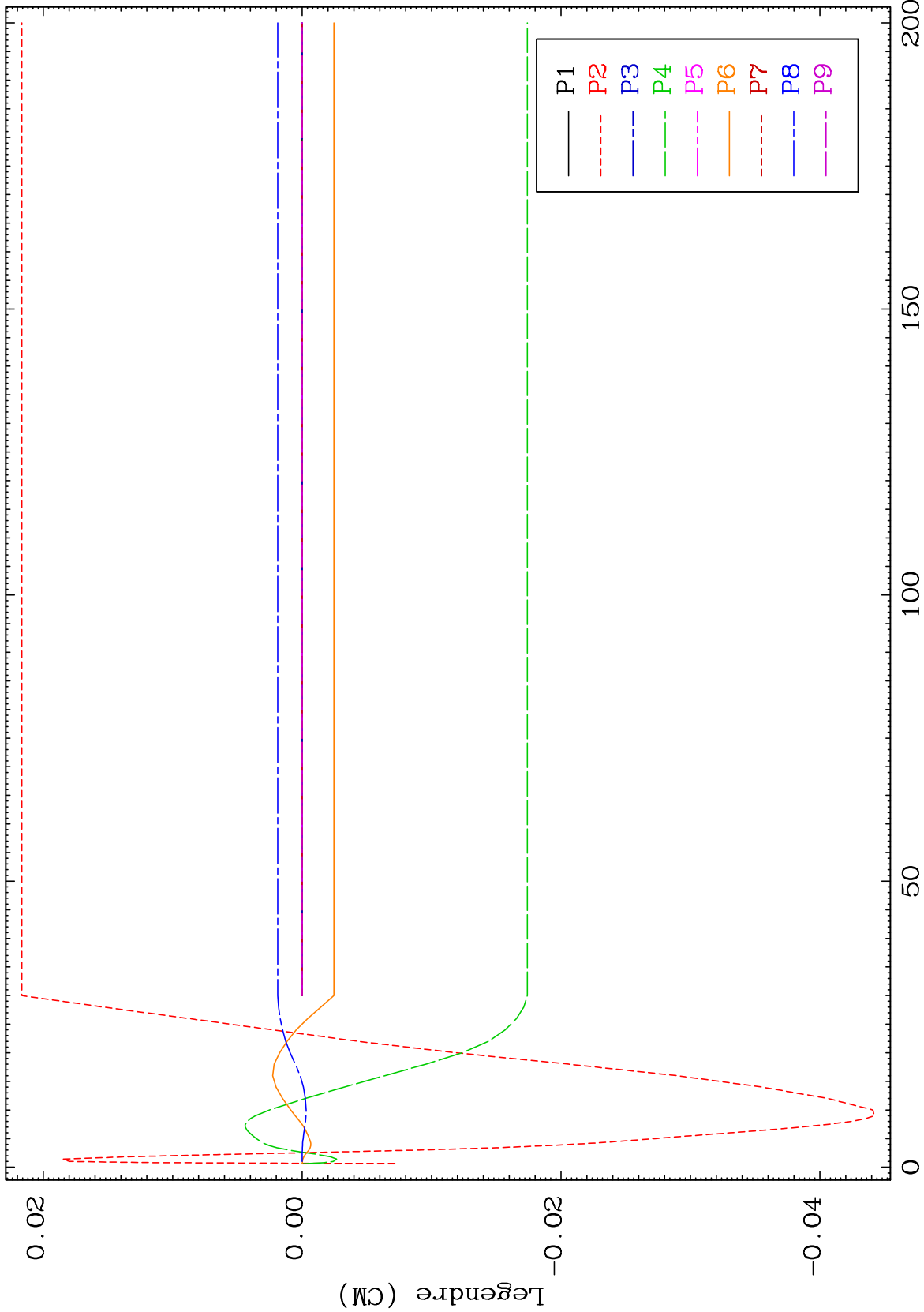
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

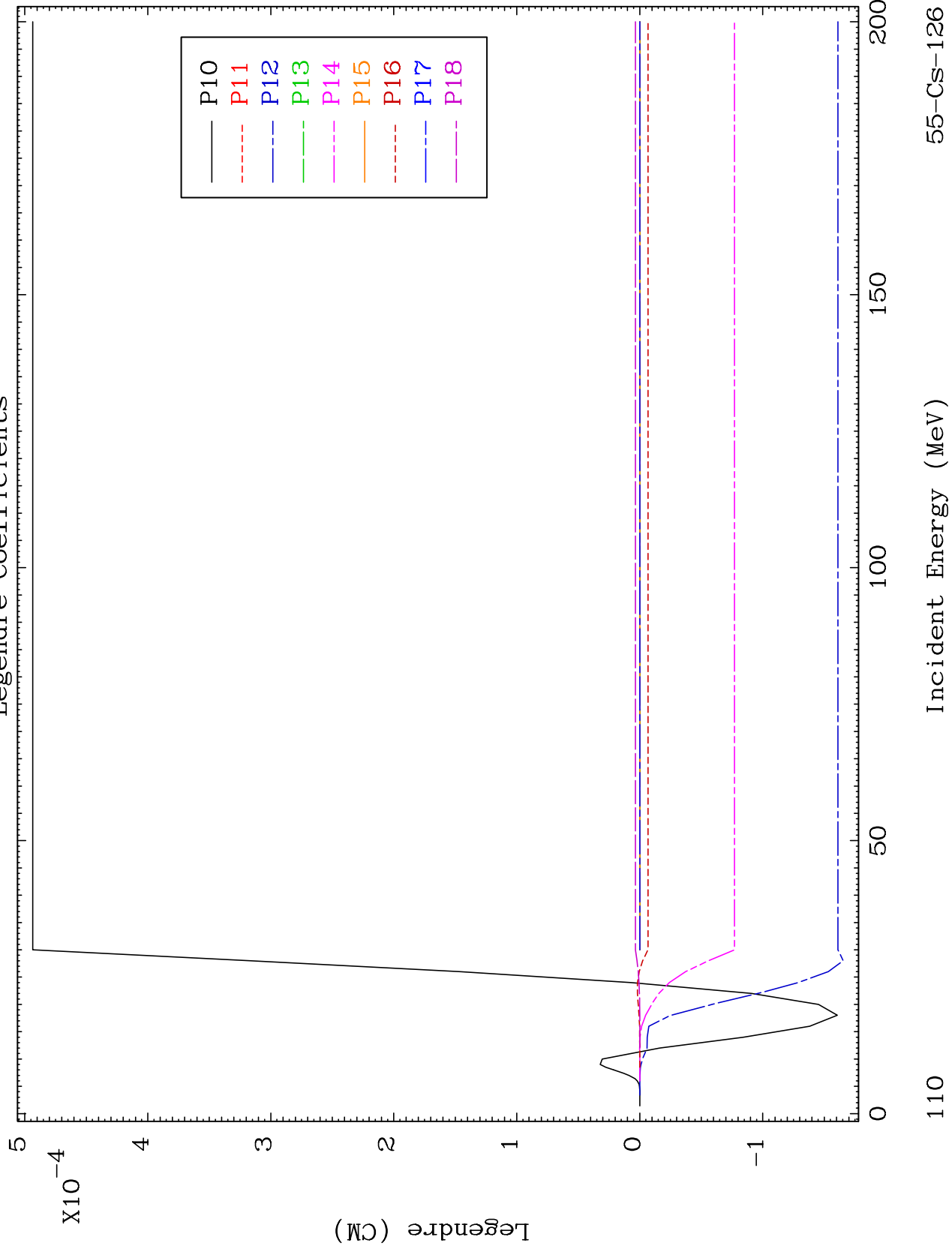
Incident Energy (MeV)

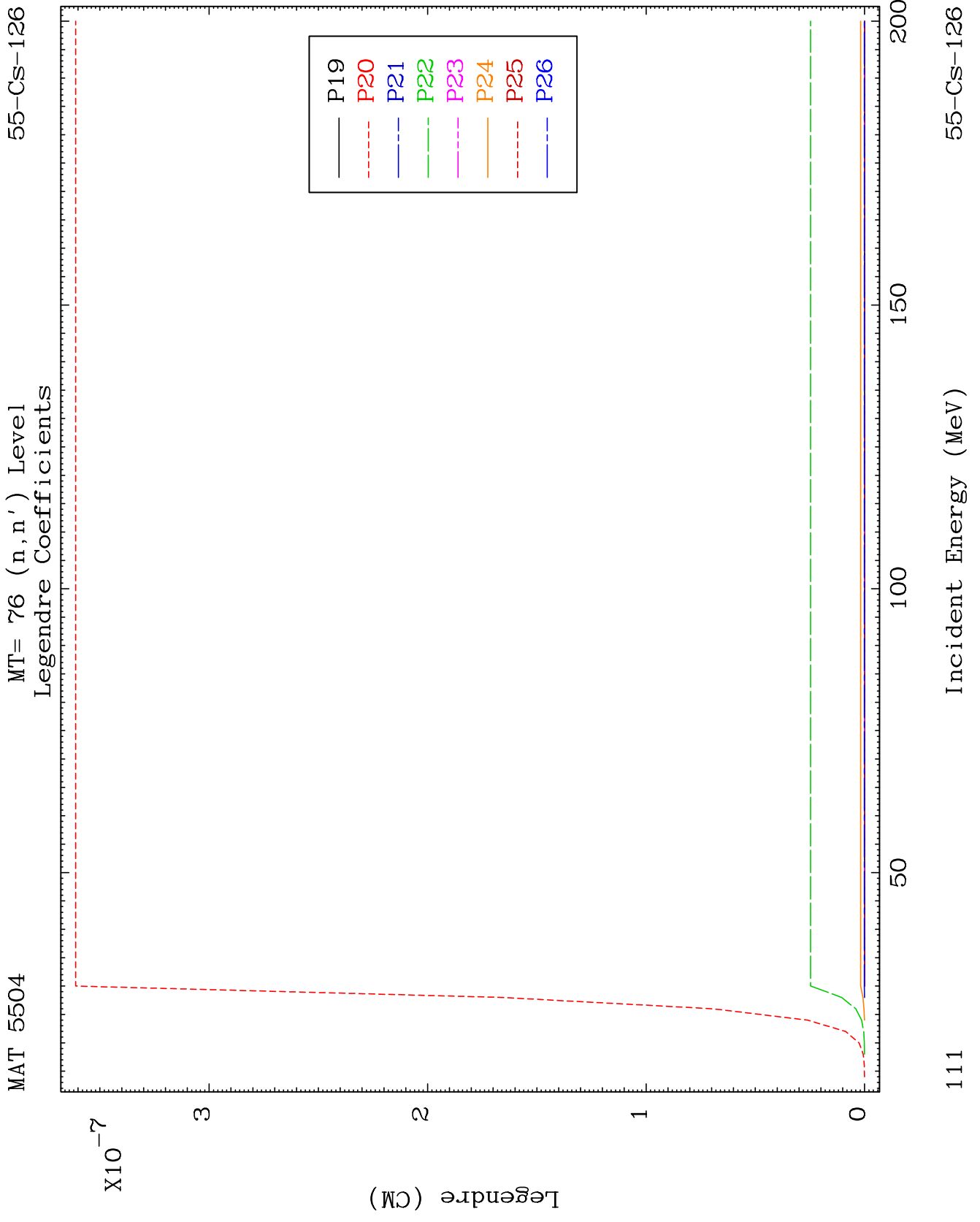
109

MAT 5504

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

55-Cs-126



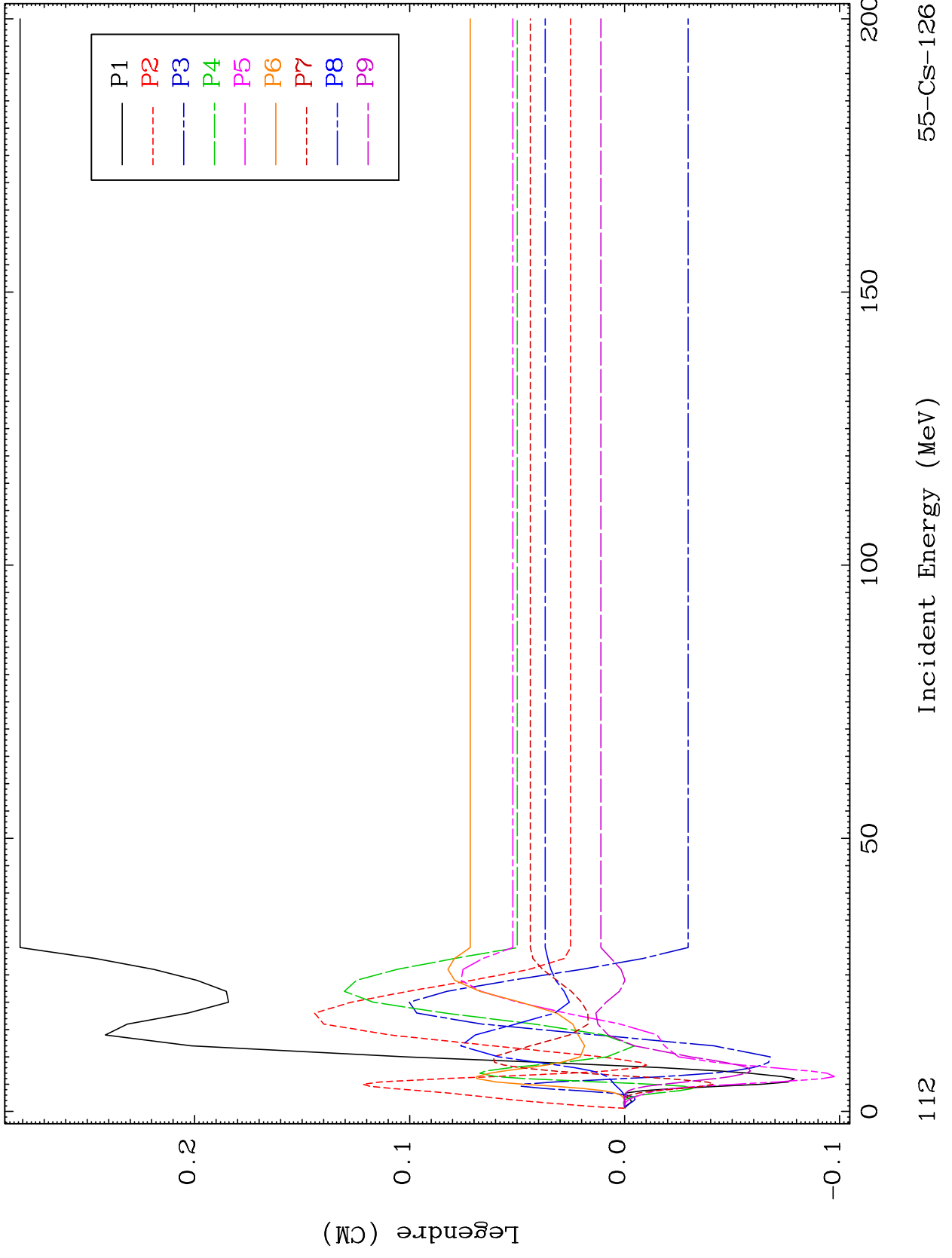




MAT 5504

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

55-Cs-126



55-Cs-126

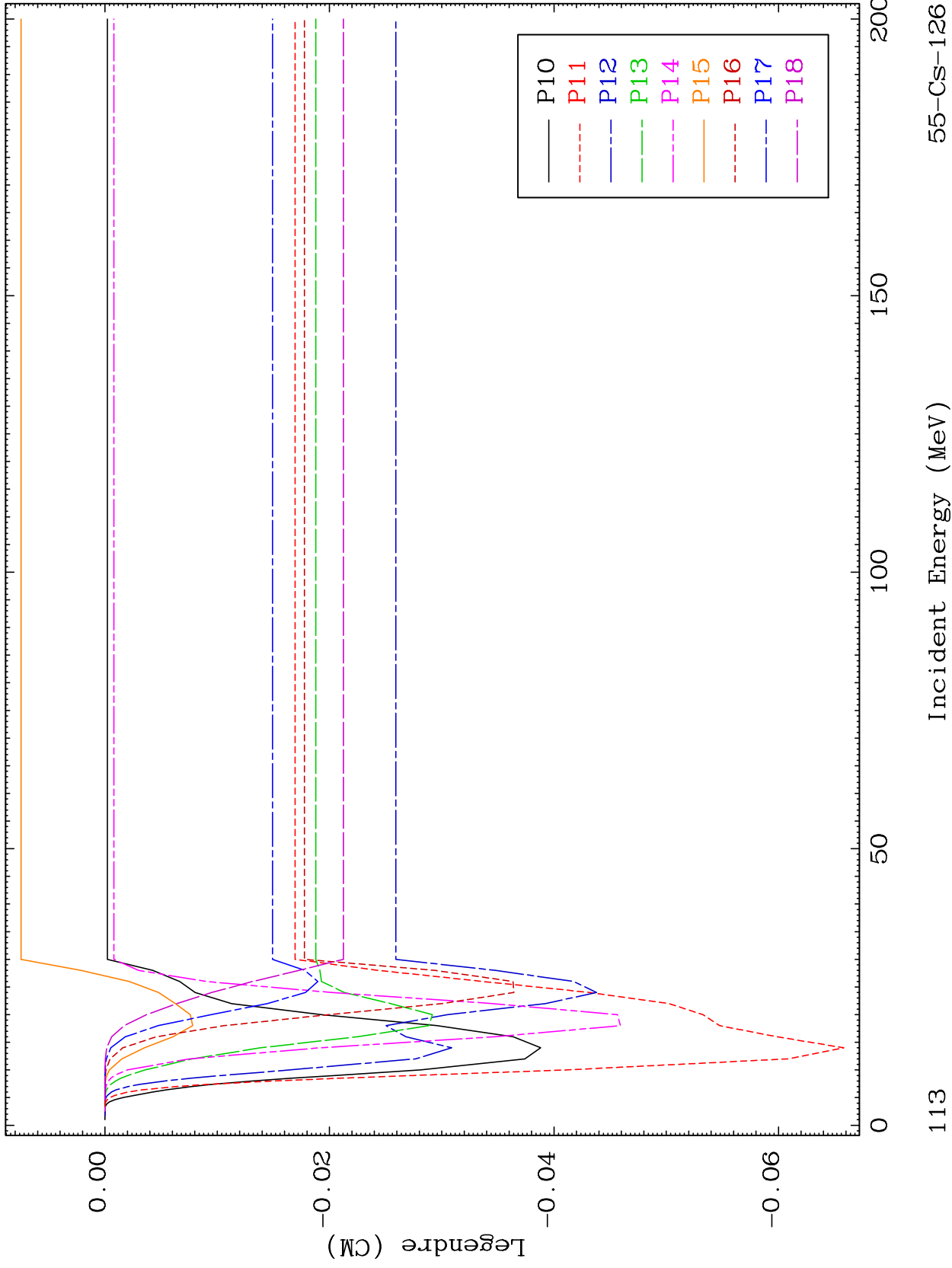
Incident Energy (MeV)

112

MAT 5504

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

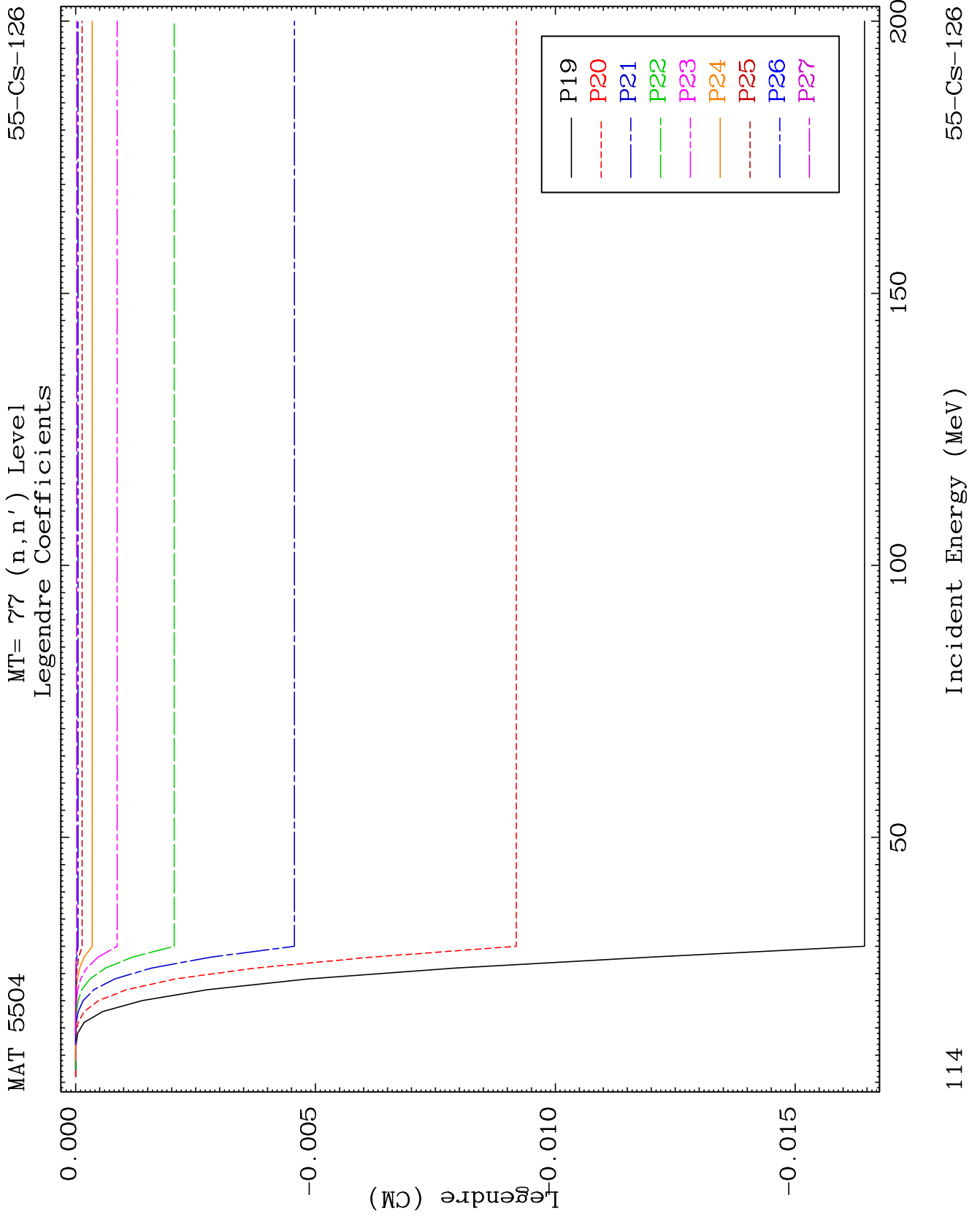
55-Cs-126

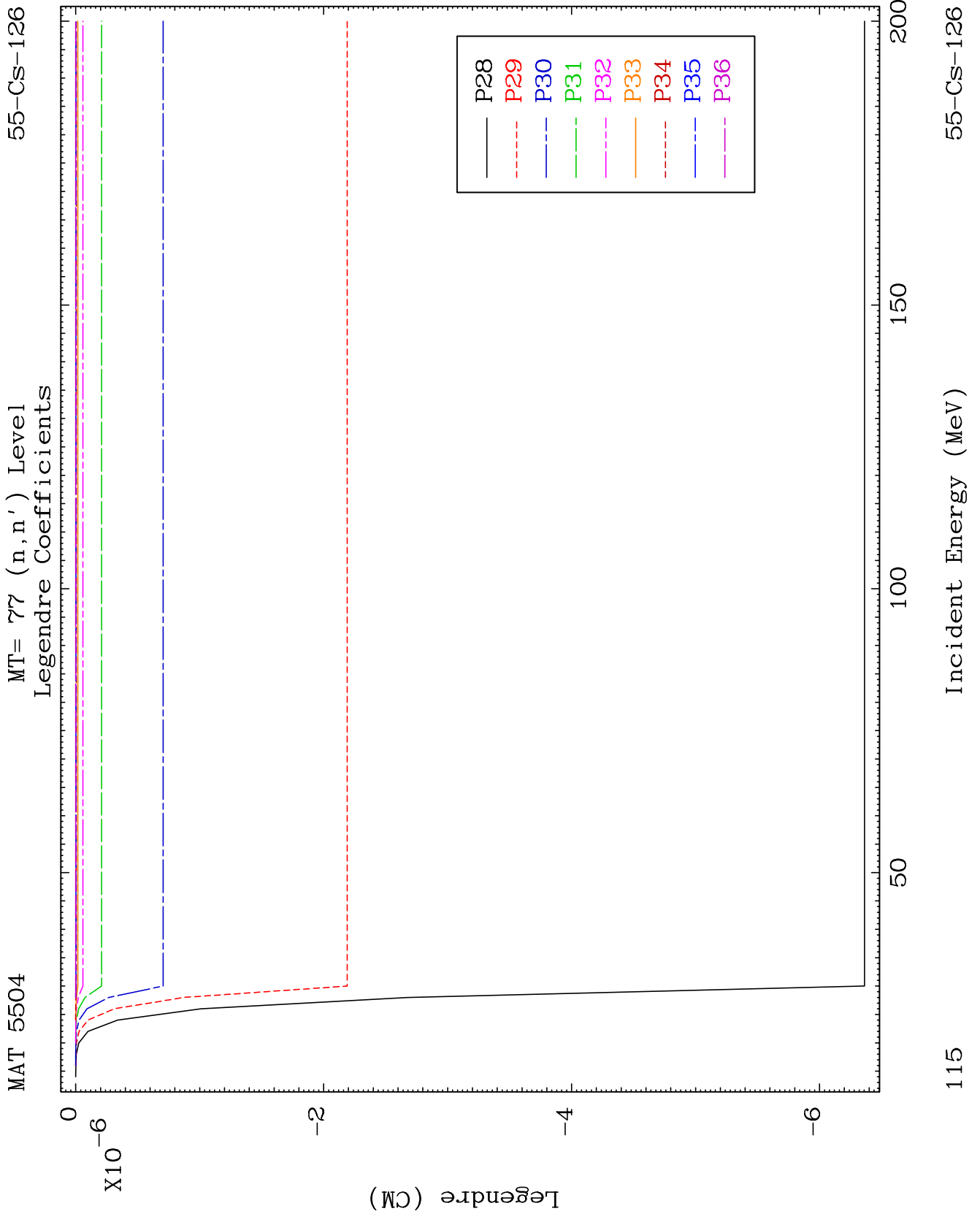


55-Cs-126

Incident Energy (MeV)

113

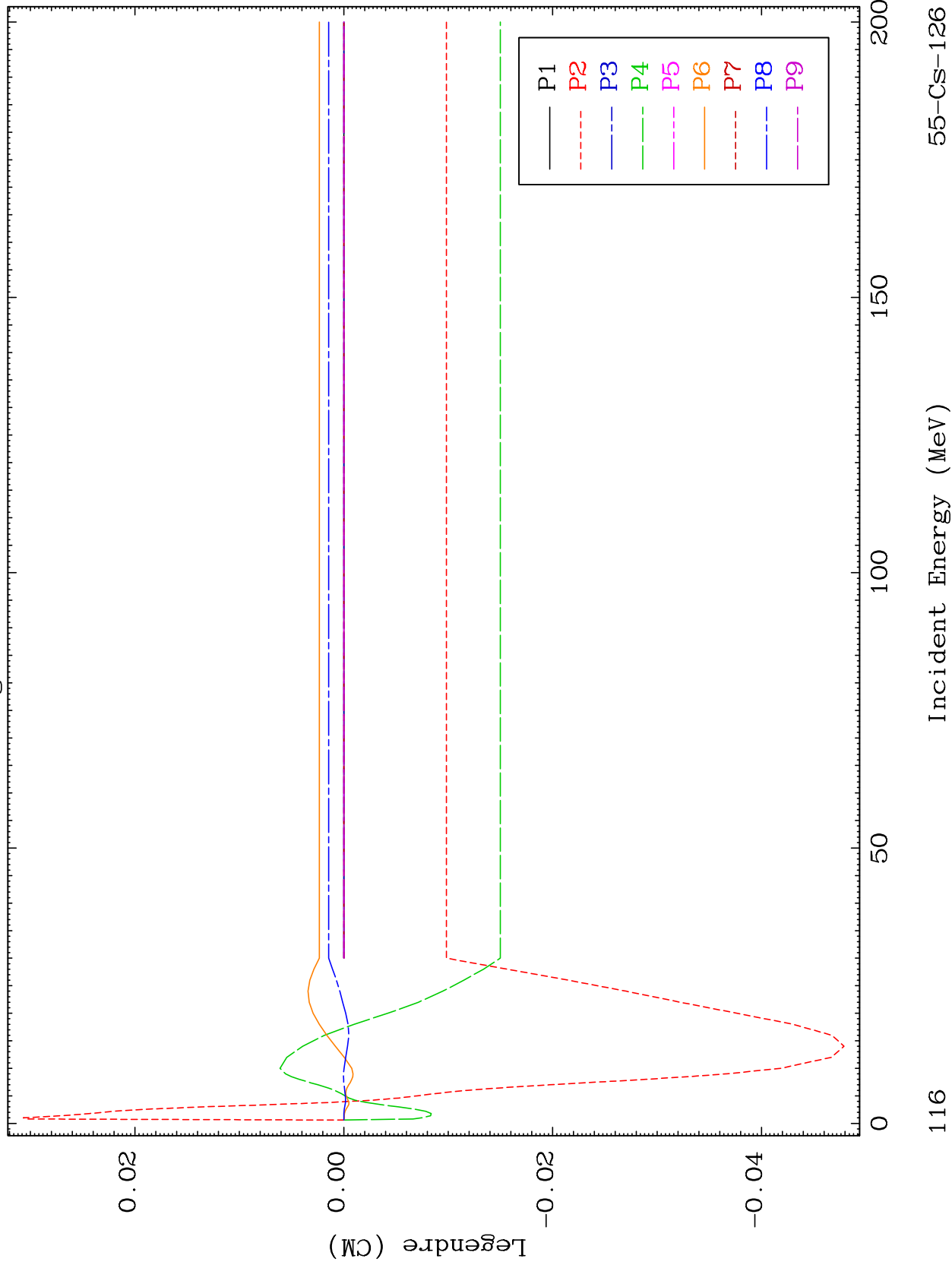




MAT 5504

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

55-Cs-126



55-Cs-126

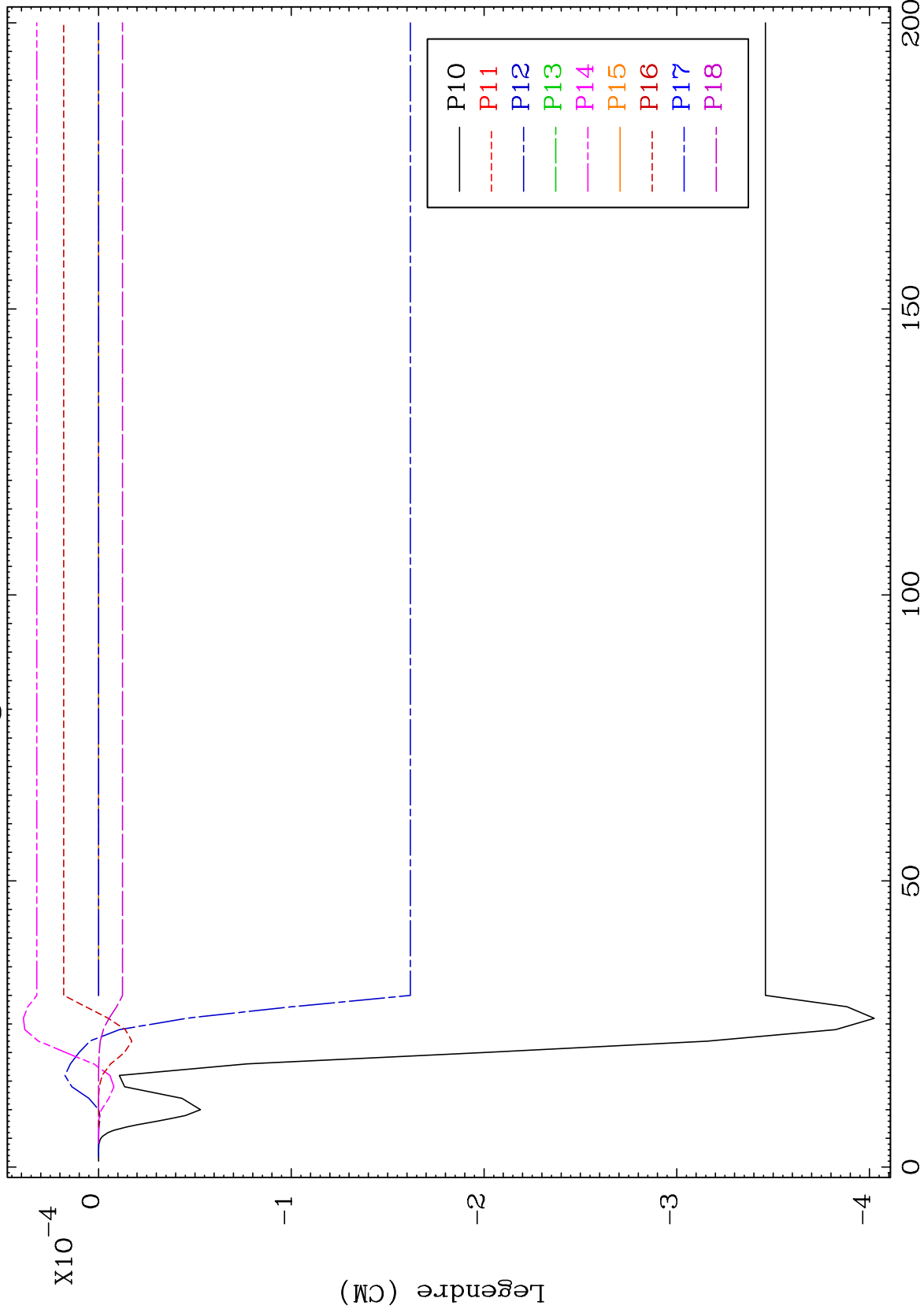
Incident Energy (MeV)

116

MAT 5504

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

55-Cs-126



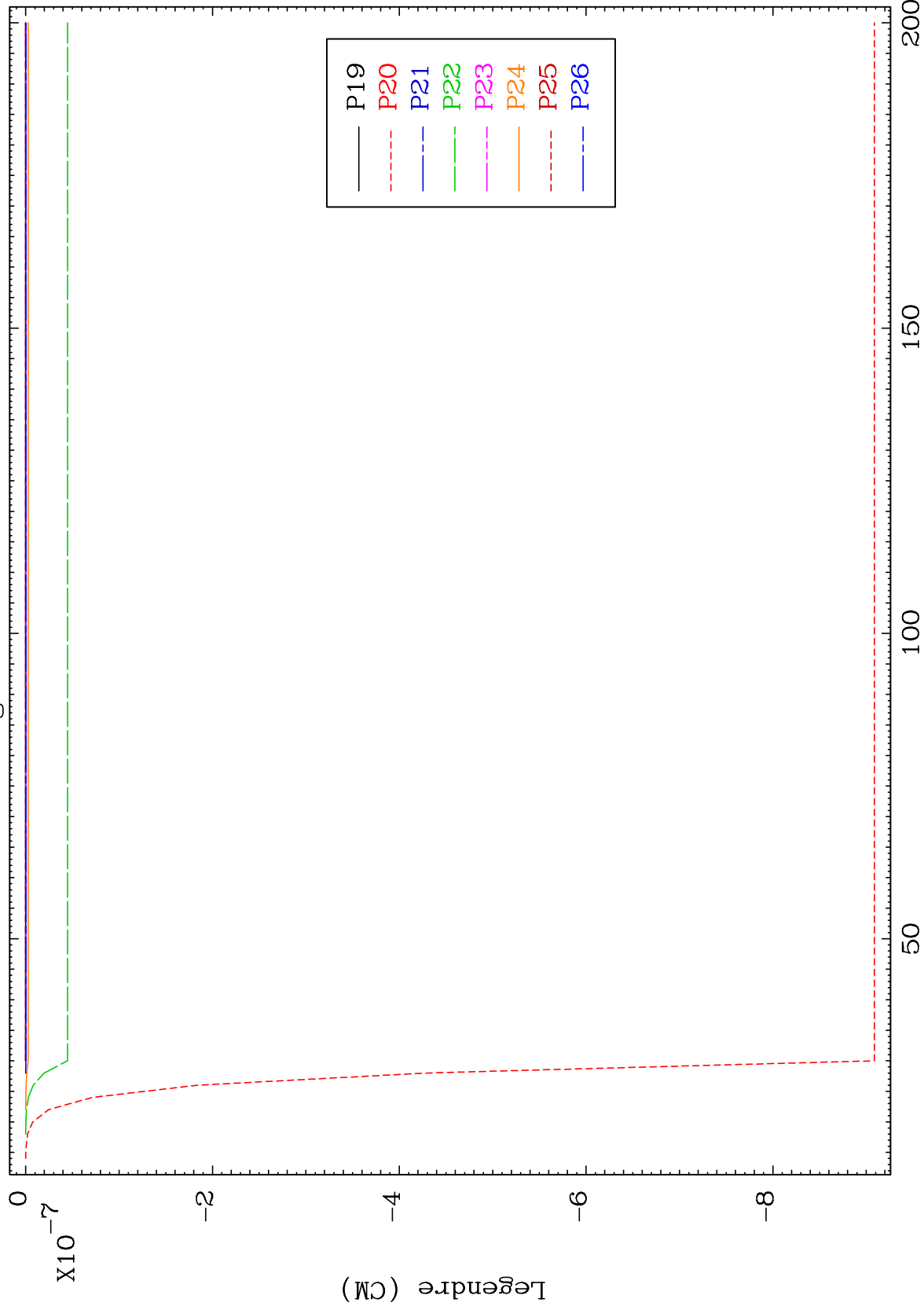
117

Incident Energy (MeV)

55-Cs-126

MAT 5504 MT= 78 (n,n') Level 55-Cs-126

Legendre Coefficients

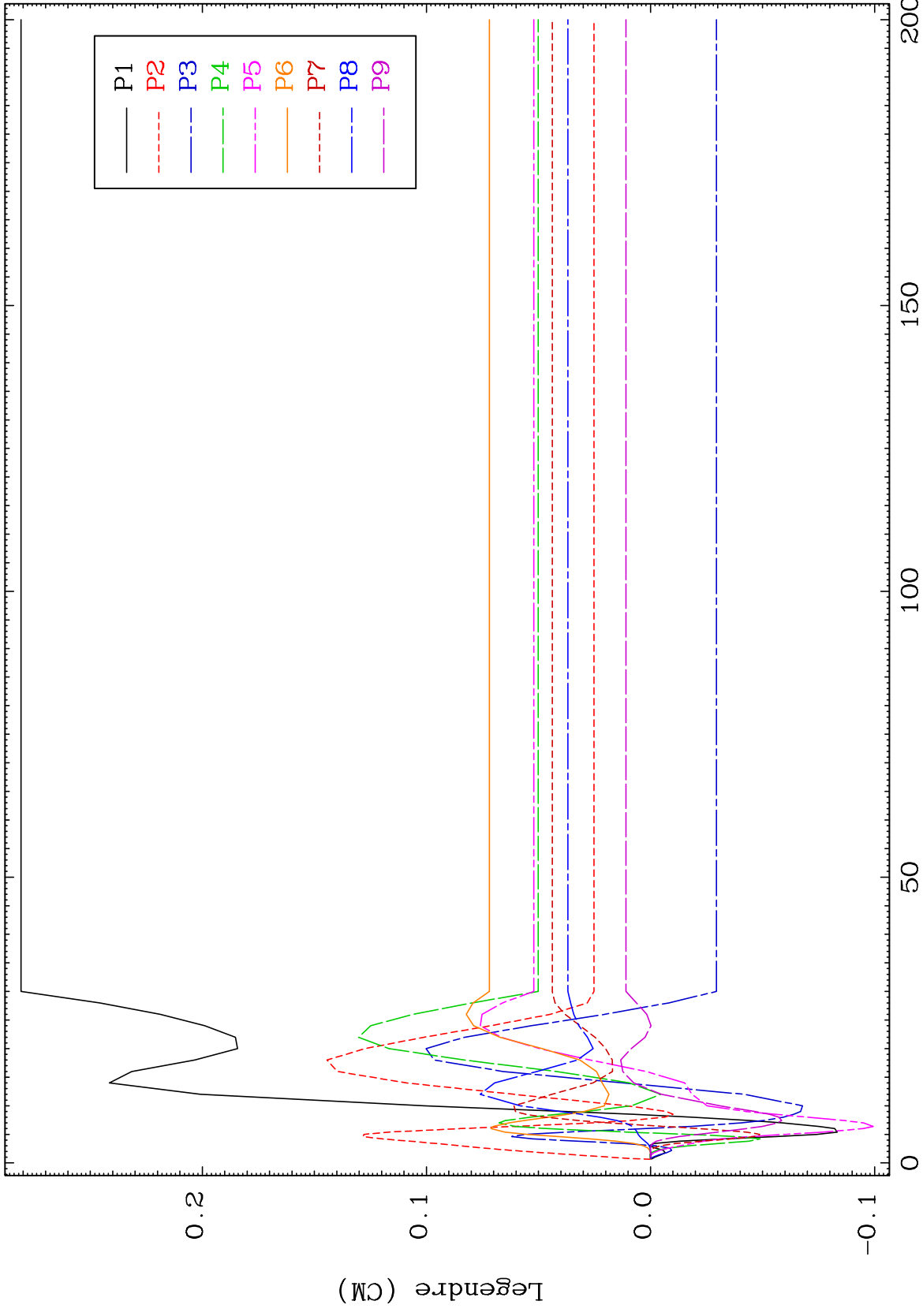


118 55-Cs-126

MAT 5504

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

55-Cs-126



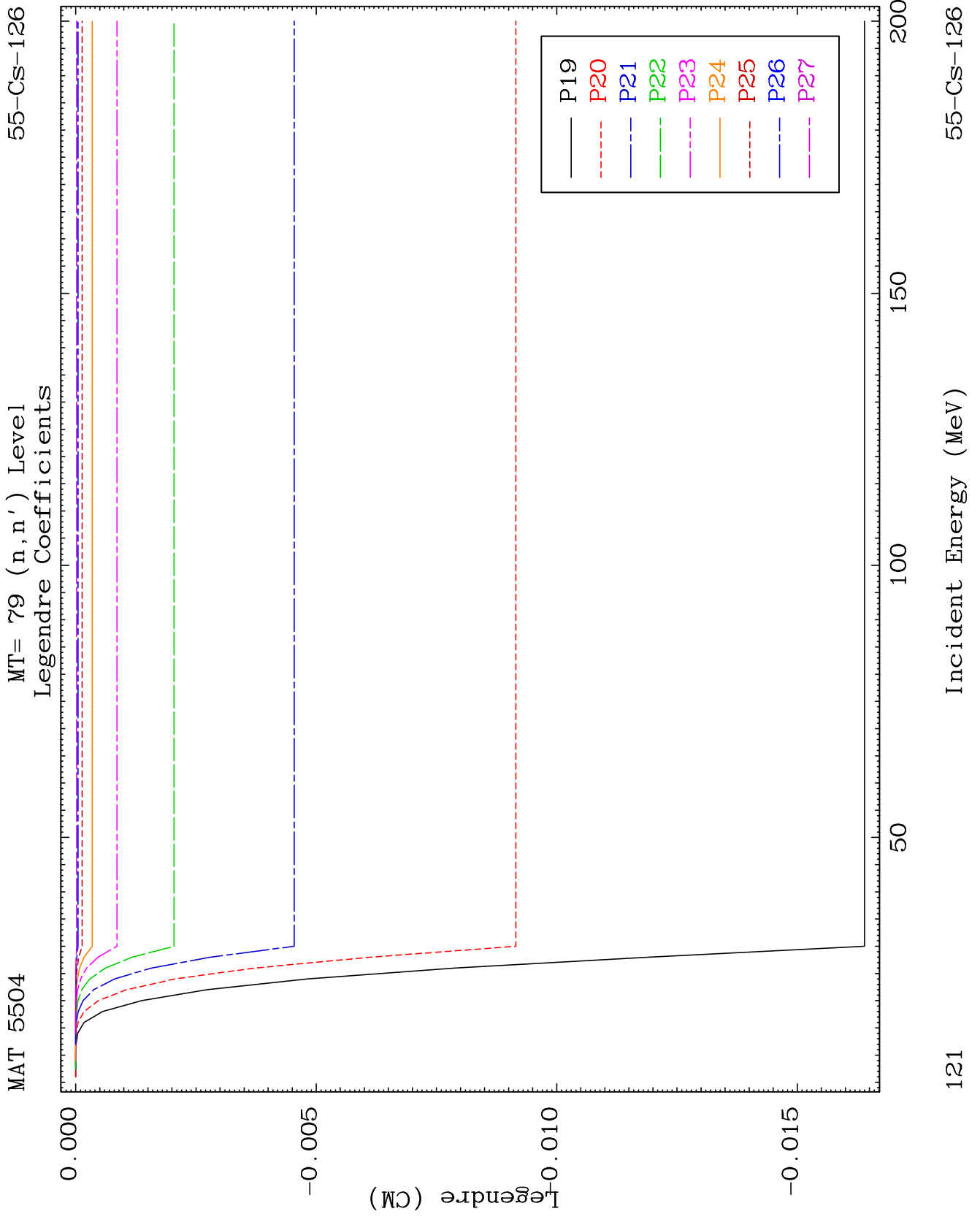
55-Cs-126

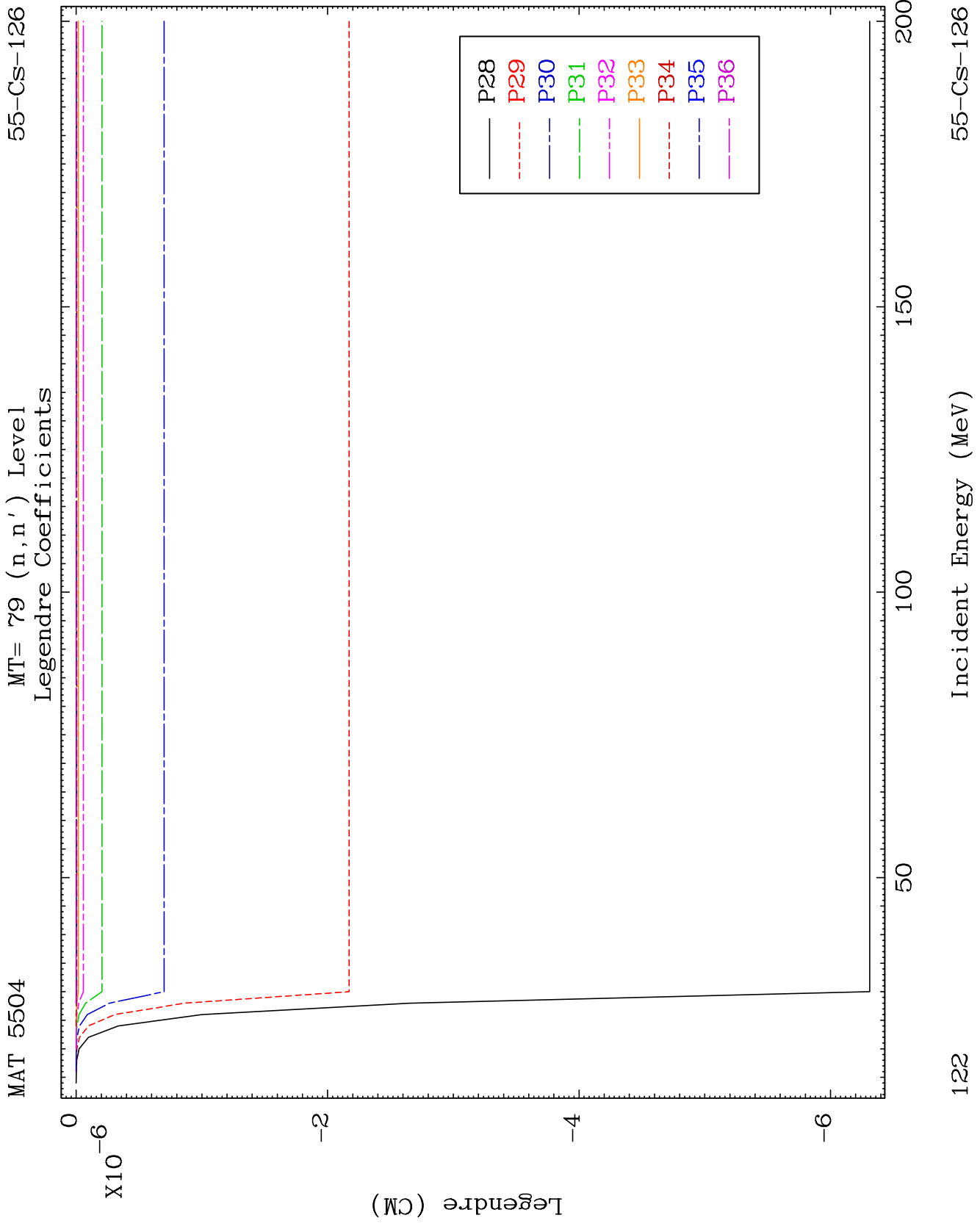
Incident Energy (MeV)

119





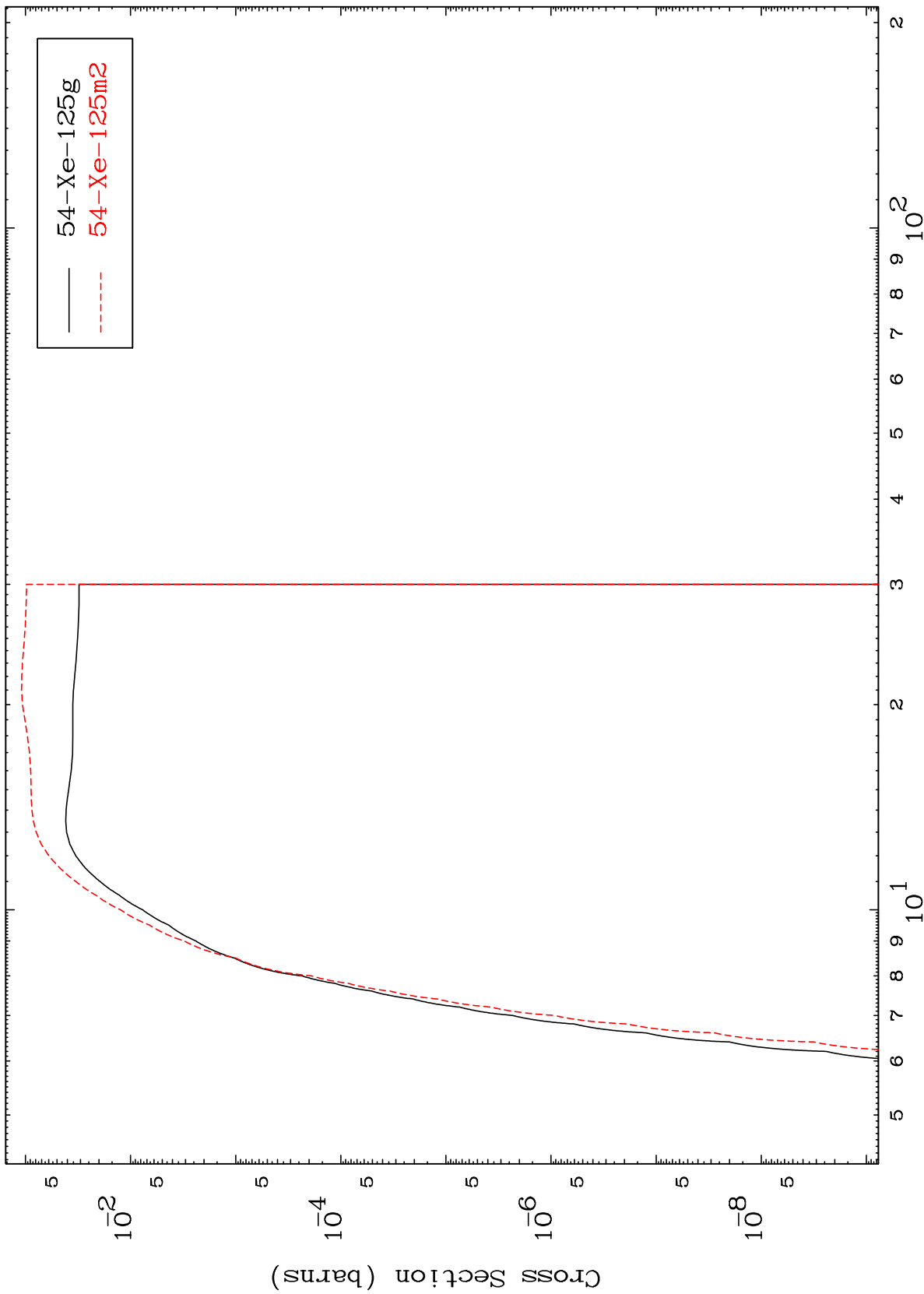




MAT 5504

55-Cs-126

$(n, n')$  p  
Radionuclide Production Cross Section



55-Cs-126

Incident Energy (MeV)

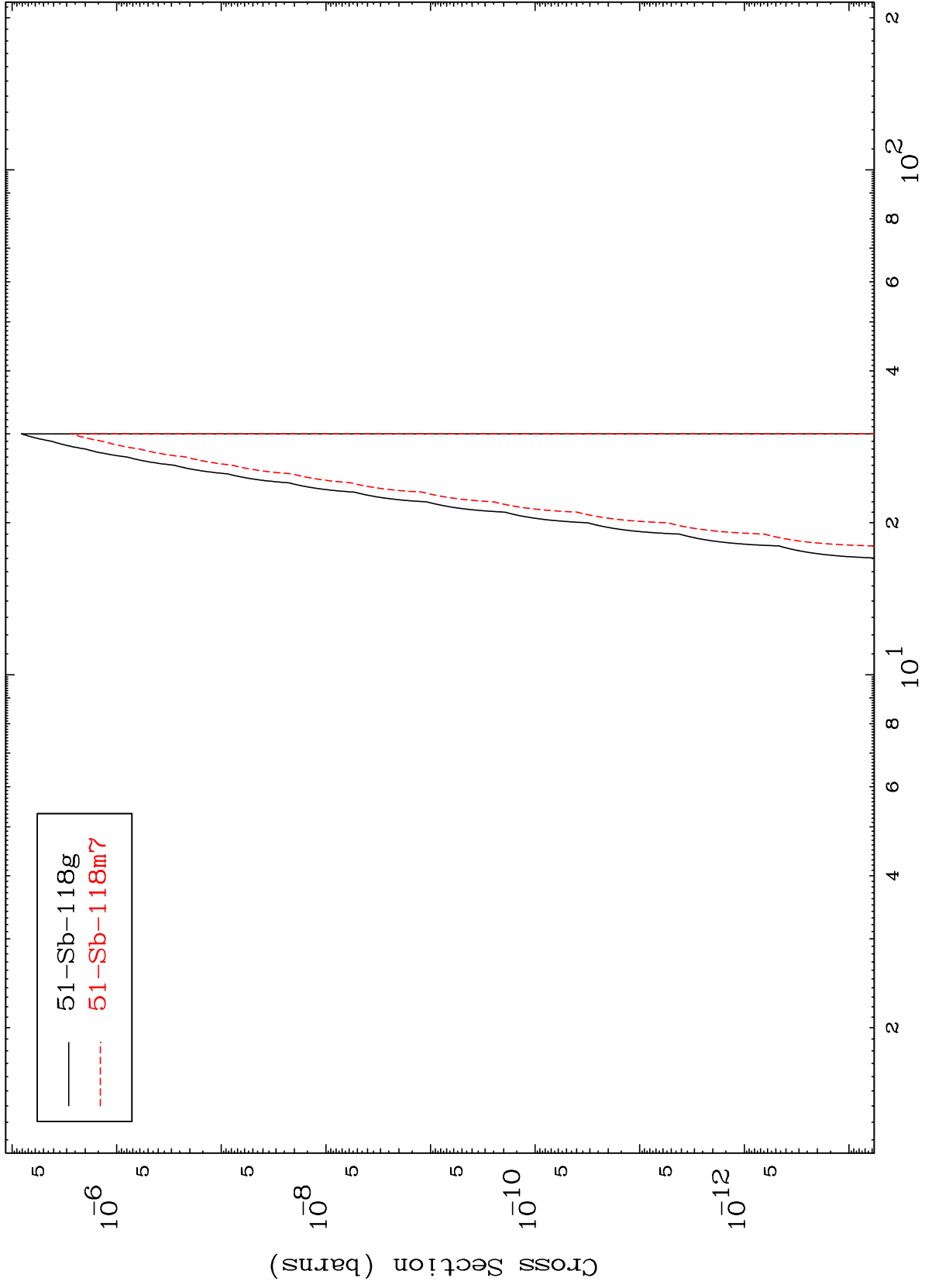
123

MAT 5504

(n,n') 2 $\alpha$

55-Cs-126

Radionuclide Production Cross Section



124

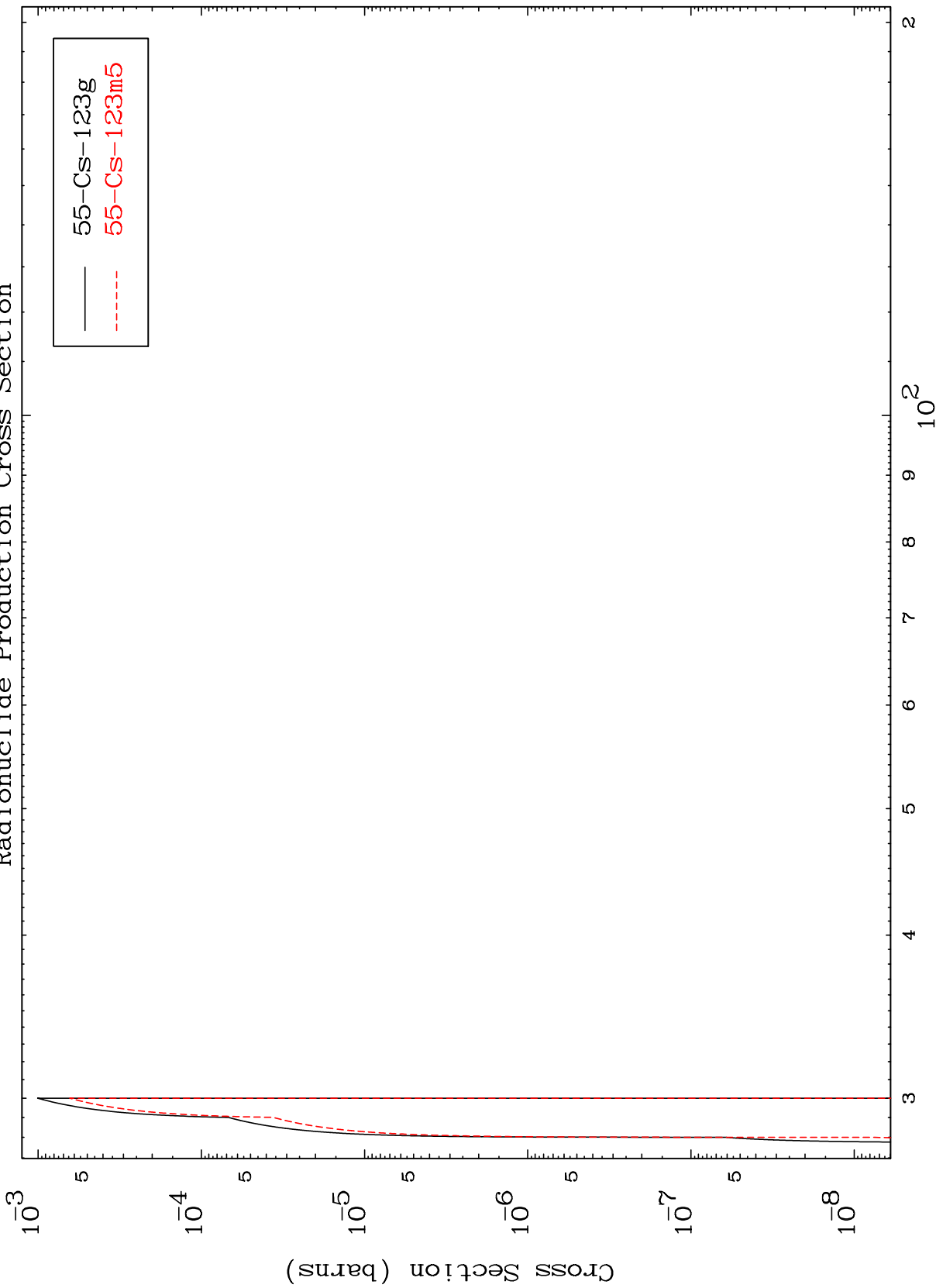
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,4n)  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

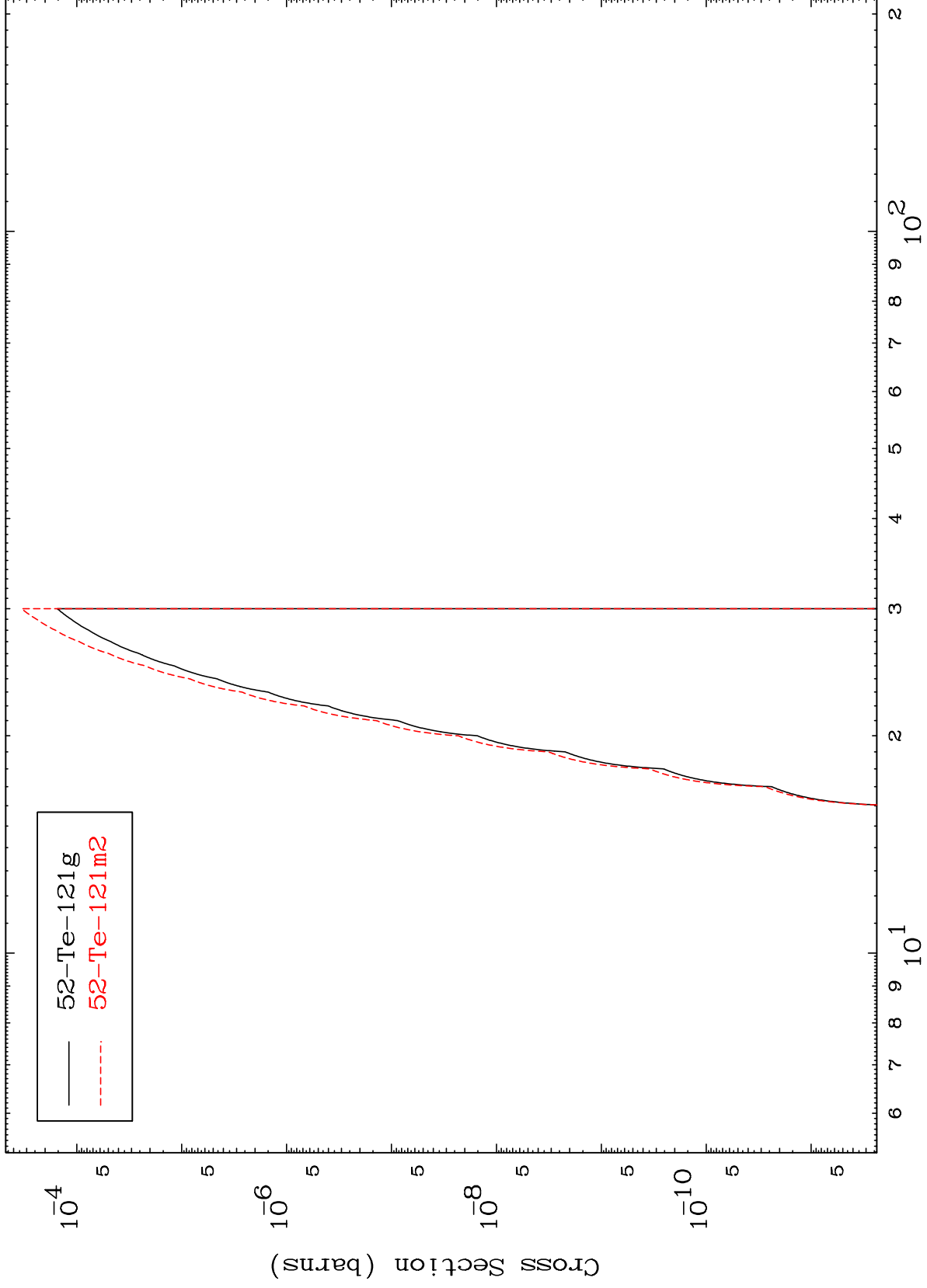
55-Cs-126

MAT 5504

(n,n') p  $\alpha$

55-Cs-126

Radionuclide Production Cross Section



126

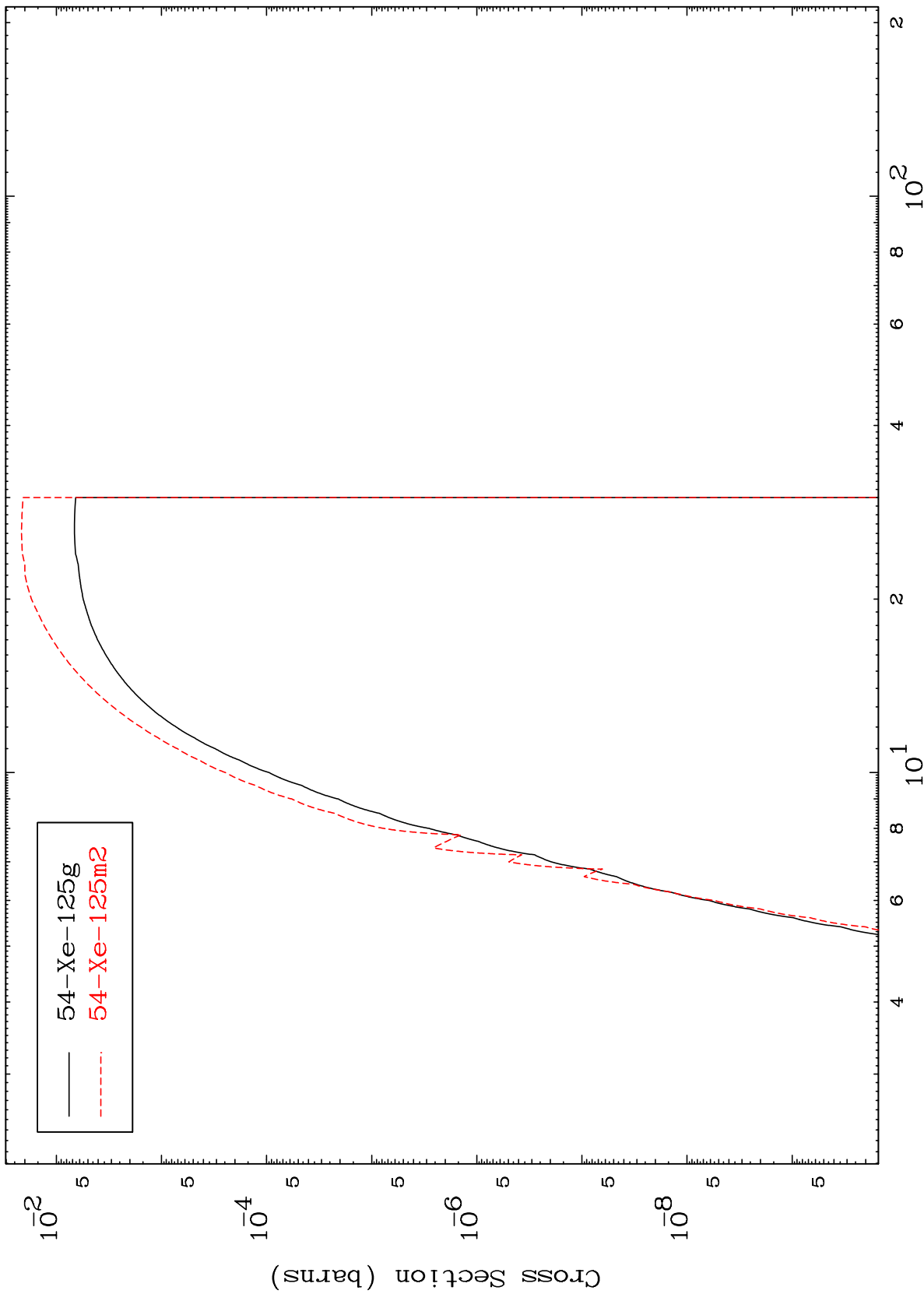
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,d)  
Radionuclide Production Cross Section



55-Cs-126

Incident Energy (MeV)

127

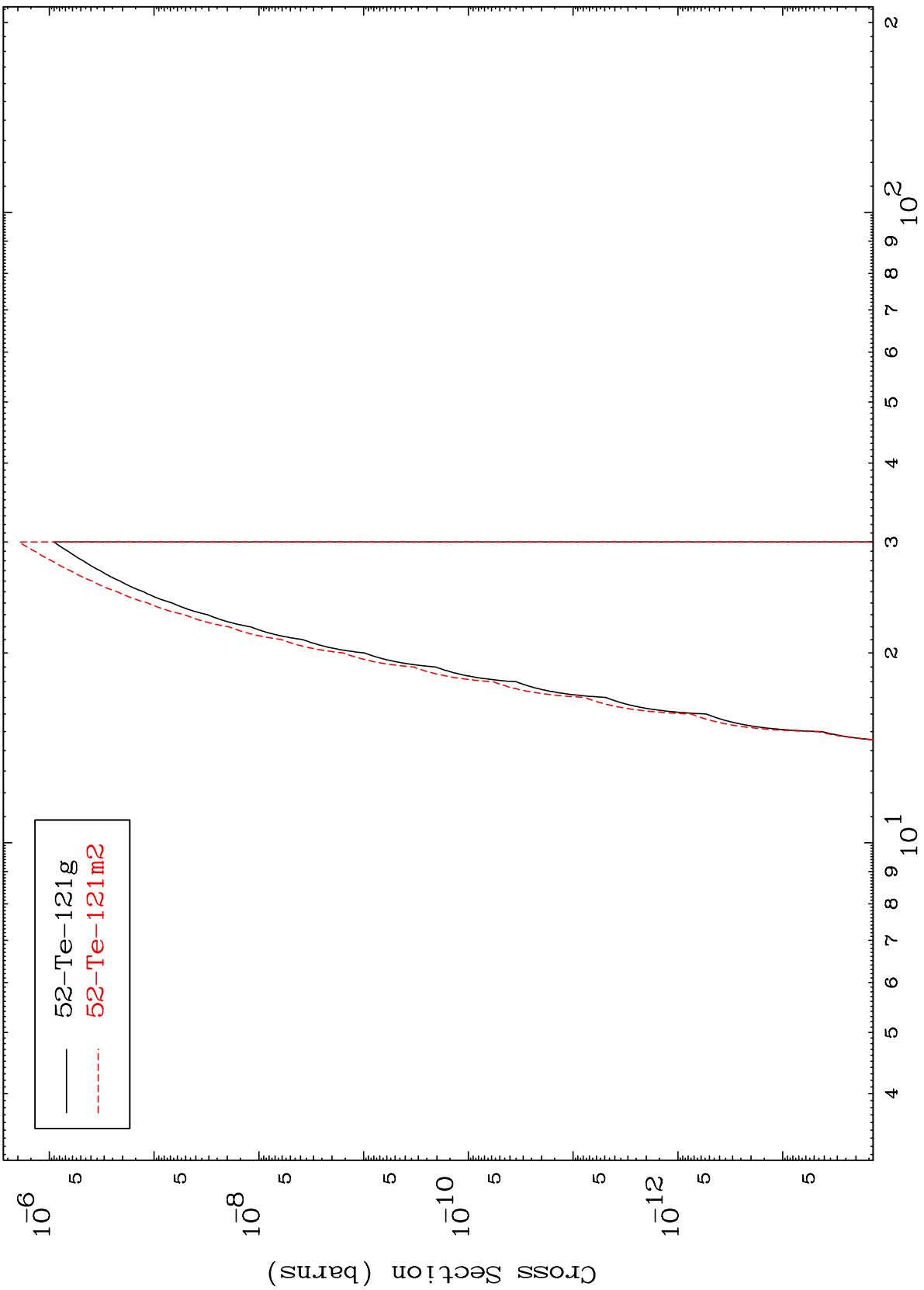


MAT 5504

(n,d)  $\alpha$

55-Cs-126

Radionuclide Production Cross Section



— 52-Te-121g  
- - - 52-Te-121m2