

Program EVALPLOT  
(Version 2018-1)

by

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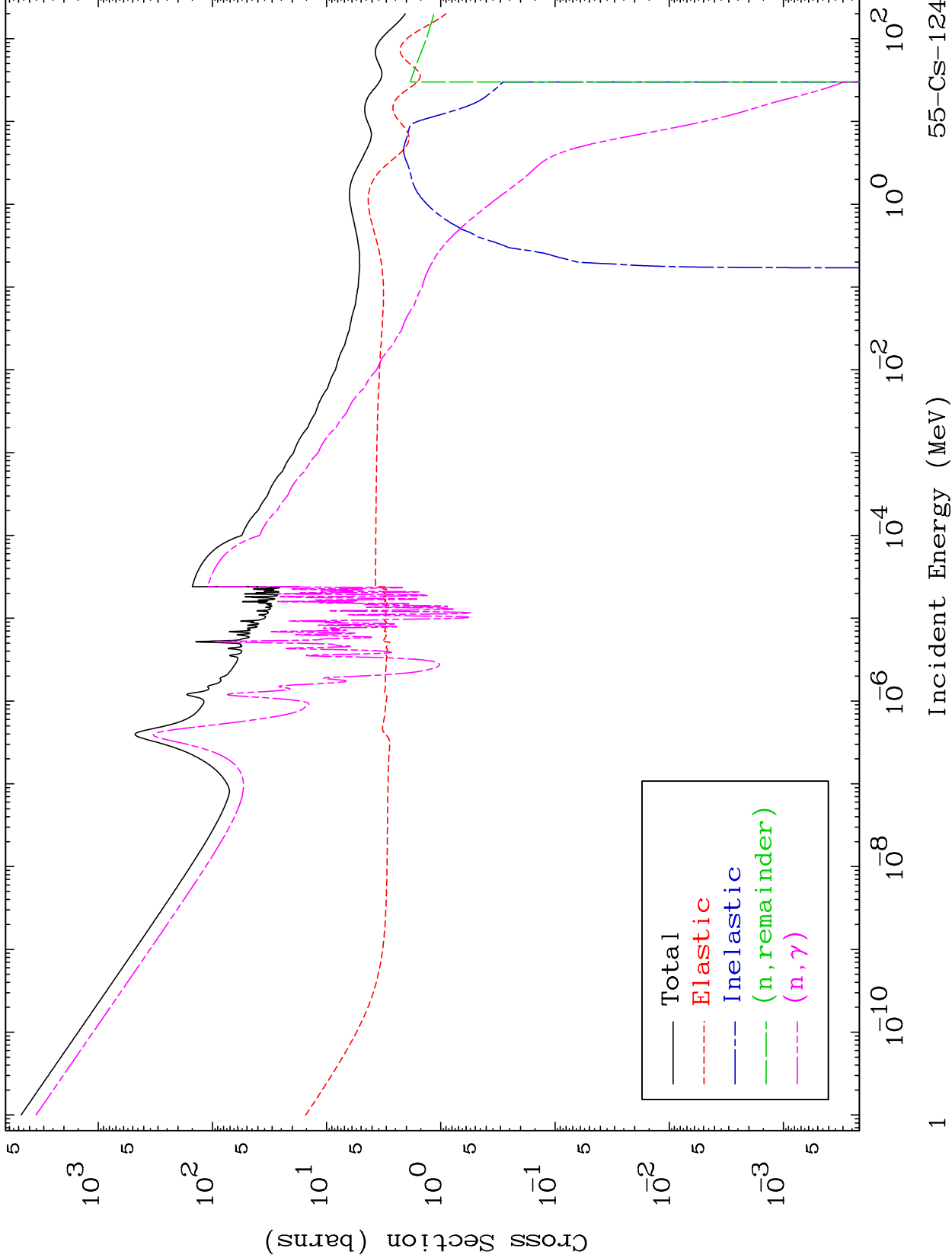
Press Mouse Button to Start

MAT 5498

Major

293 Kelvin Cross Sections

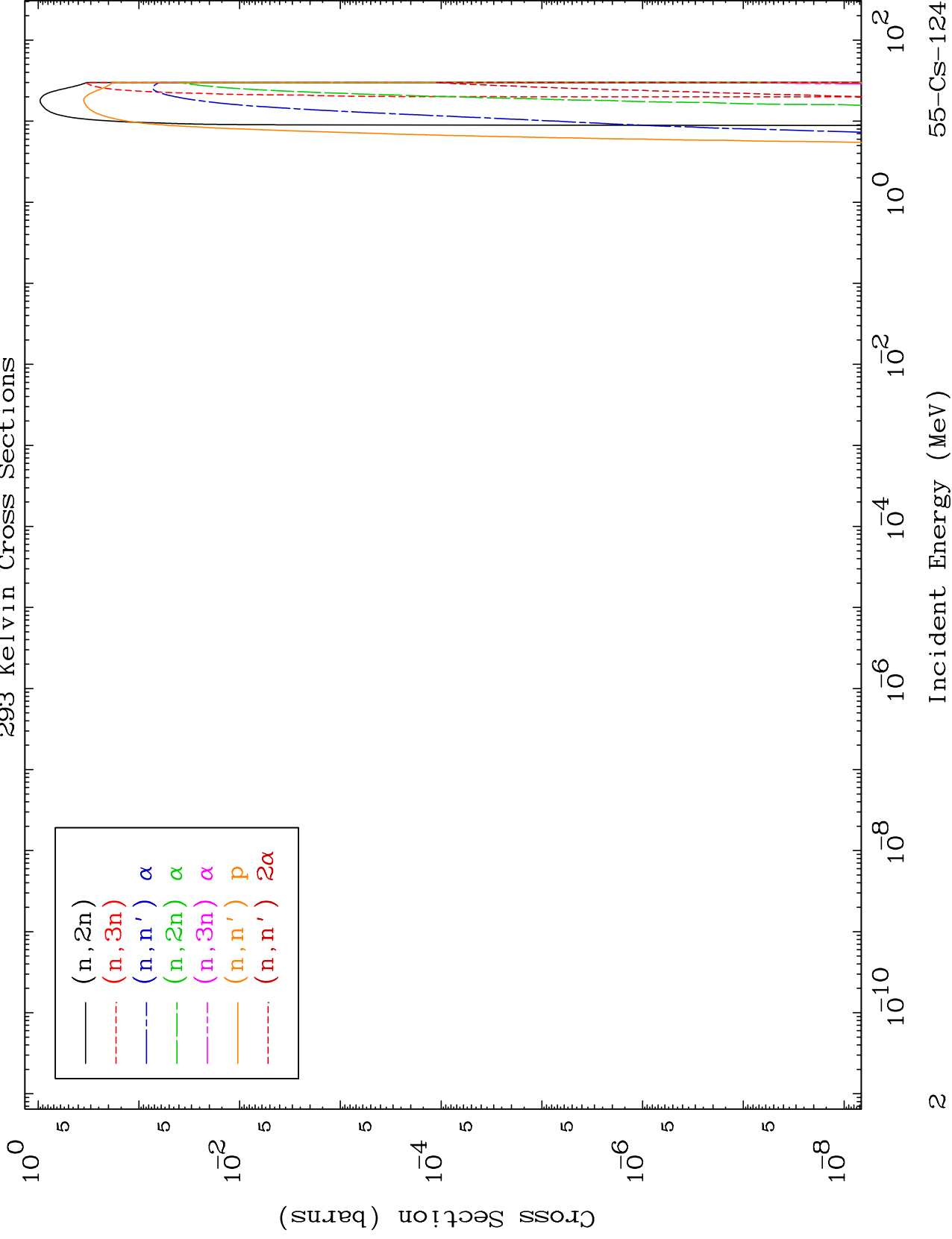
55-Cs-124

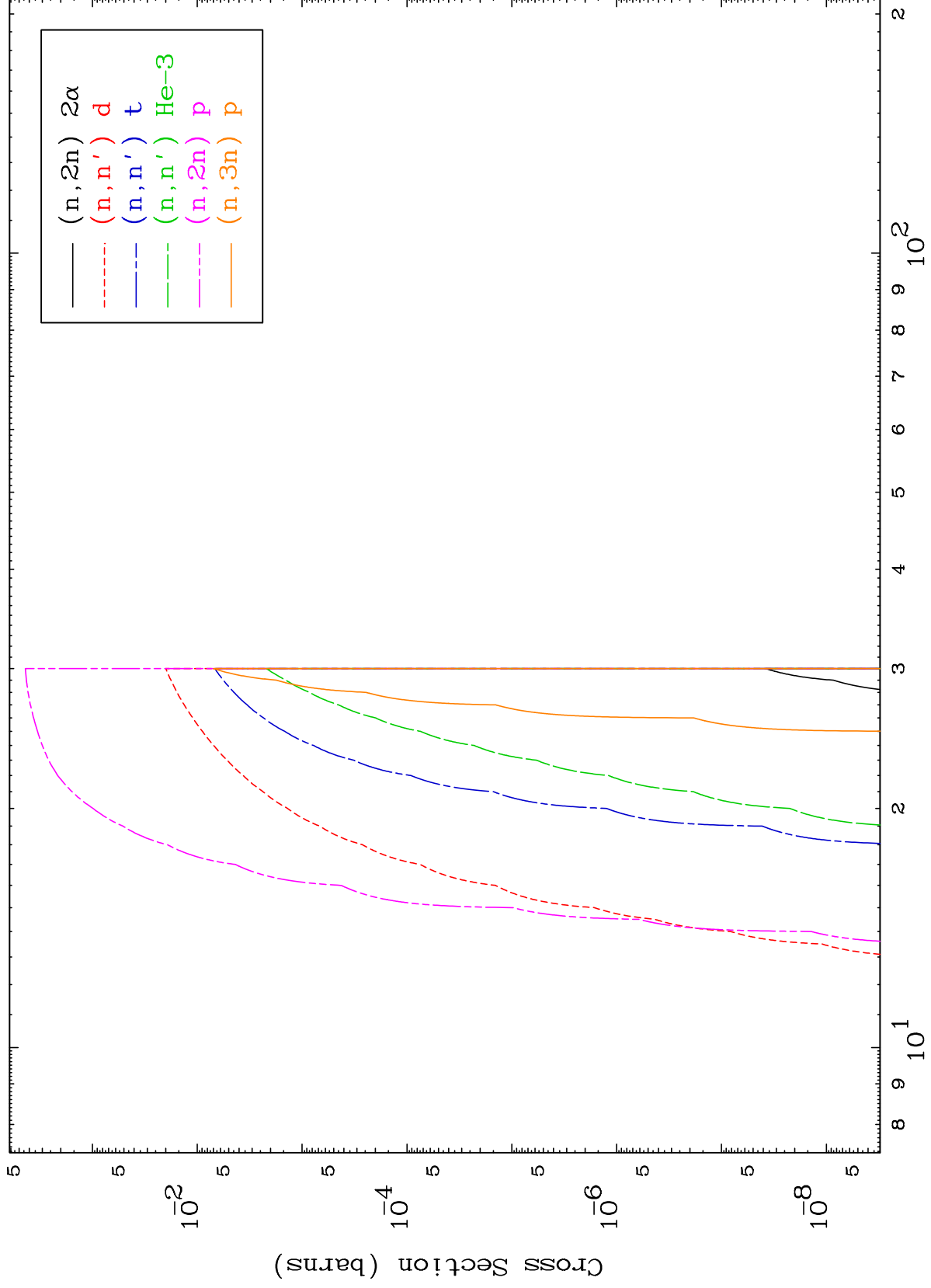


MAT 5498

Neutron Production  
293 Kelvin Cross Sections

55-Cs-124

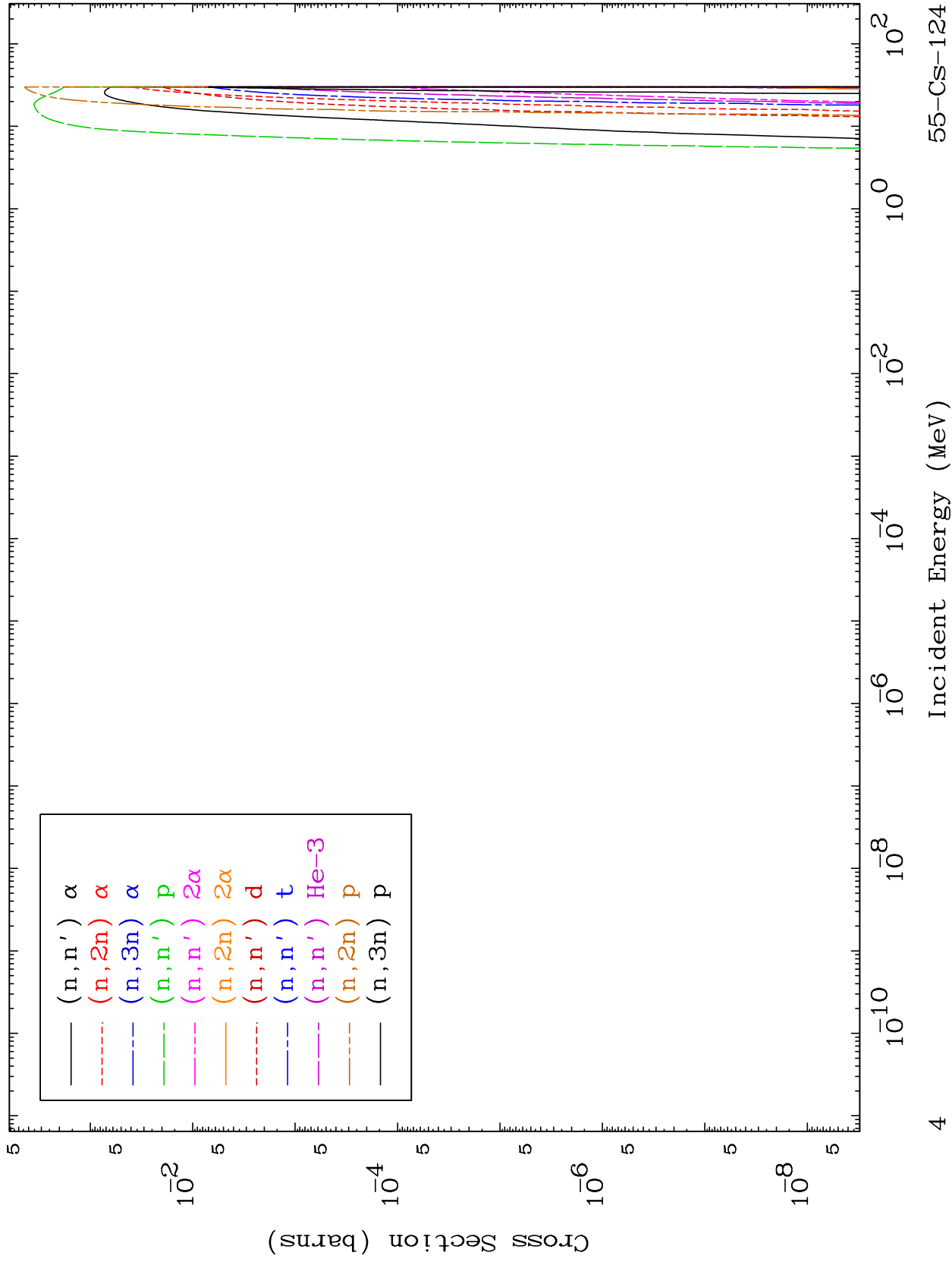




MAT 5498

Charged Particle  
293 Kelvin Cross Sections

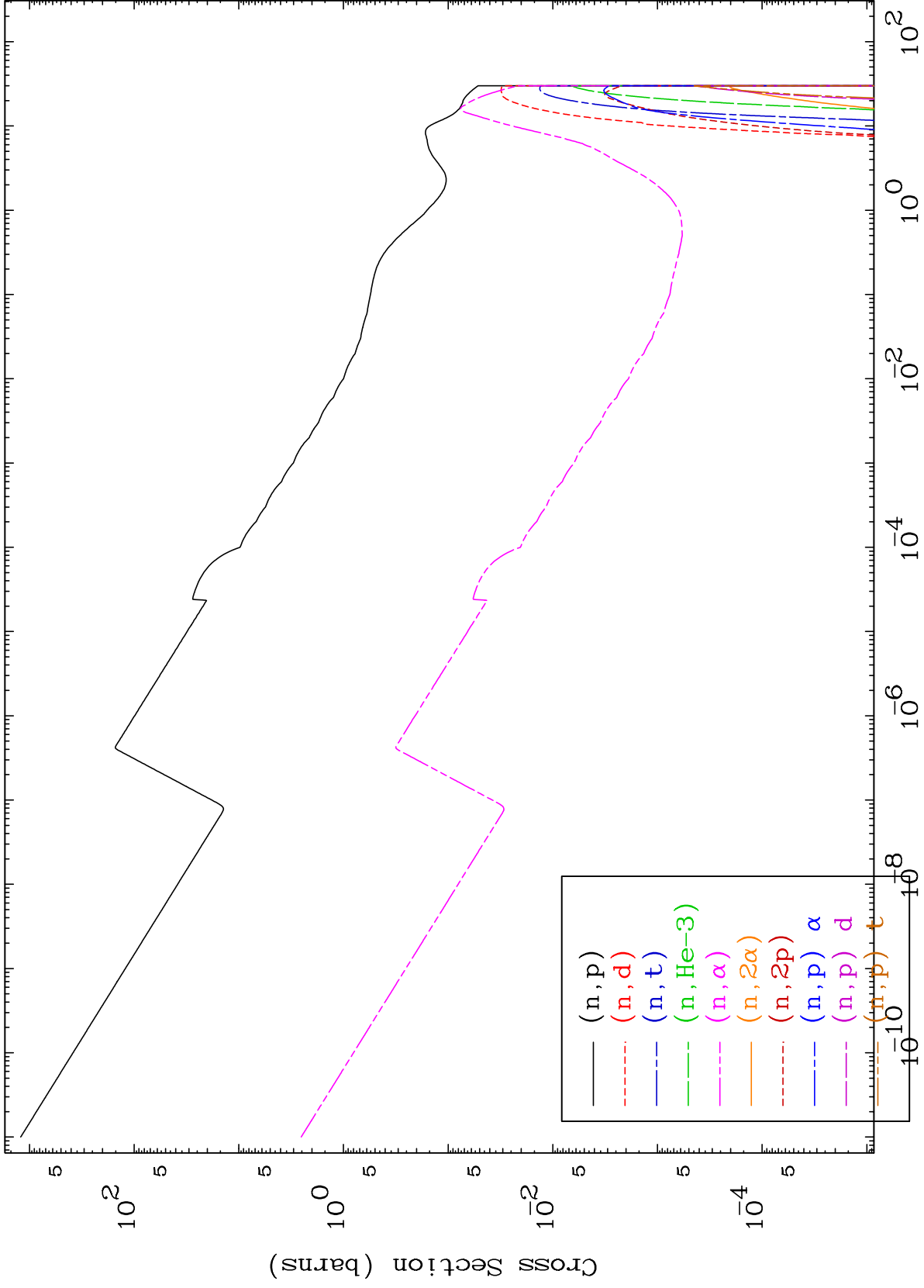
55-Cs-124



MAT 5498

Charged Particle  
293 Kelvin Cross Sections

55-Cs-124



5

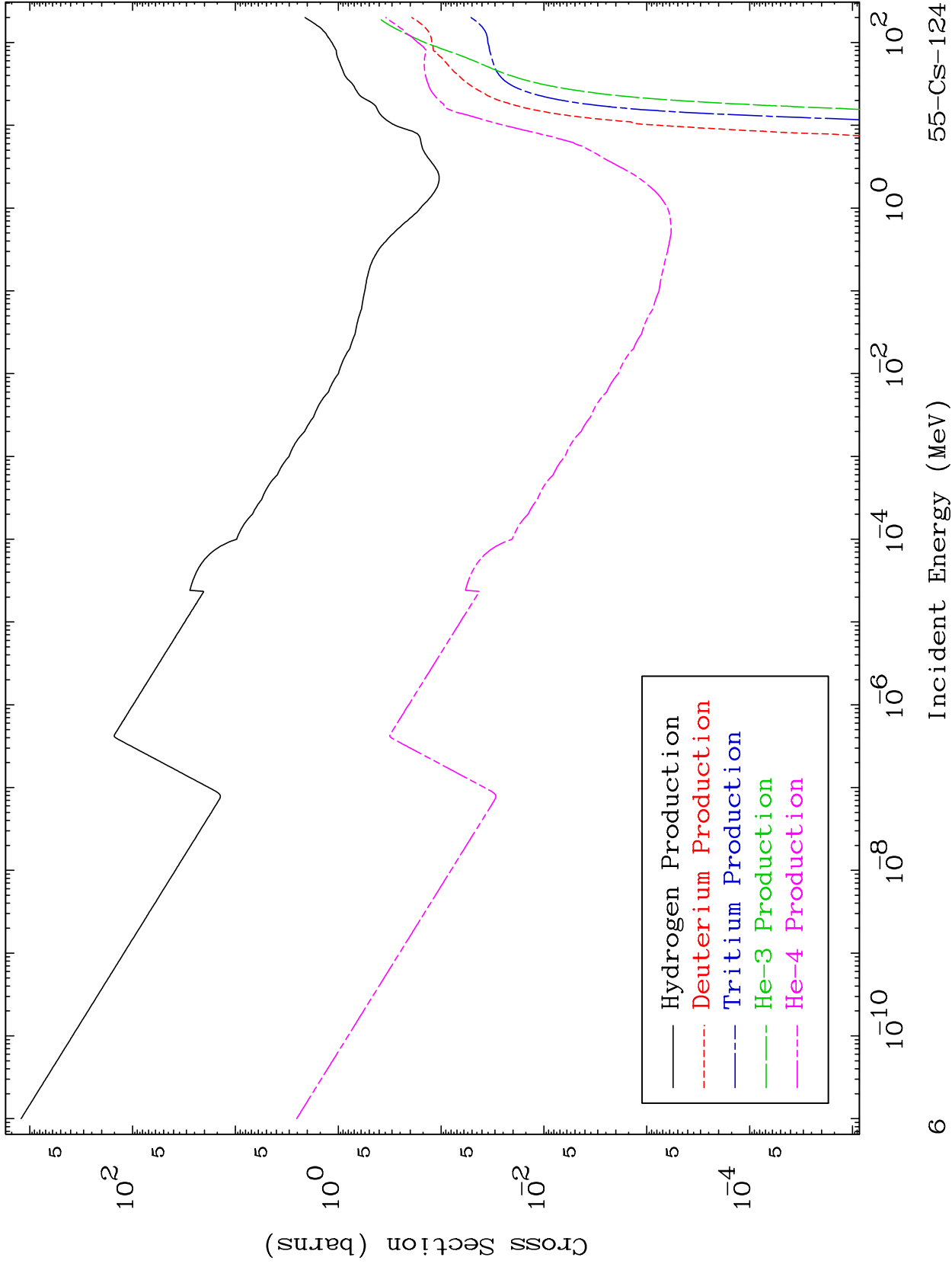
Incident Energy (MeV)

55-Cs-124

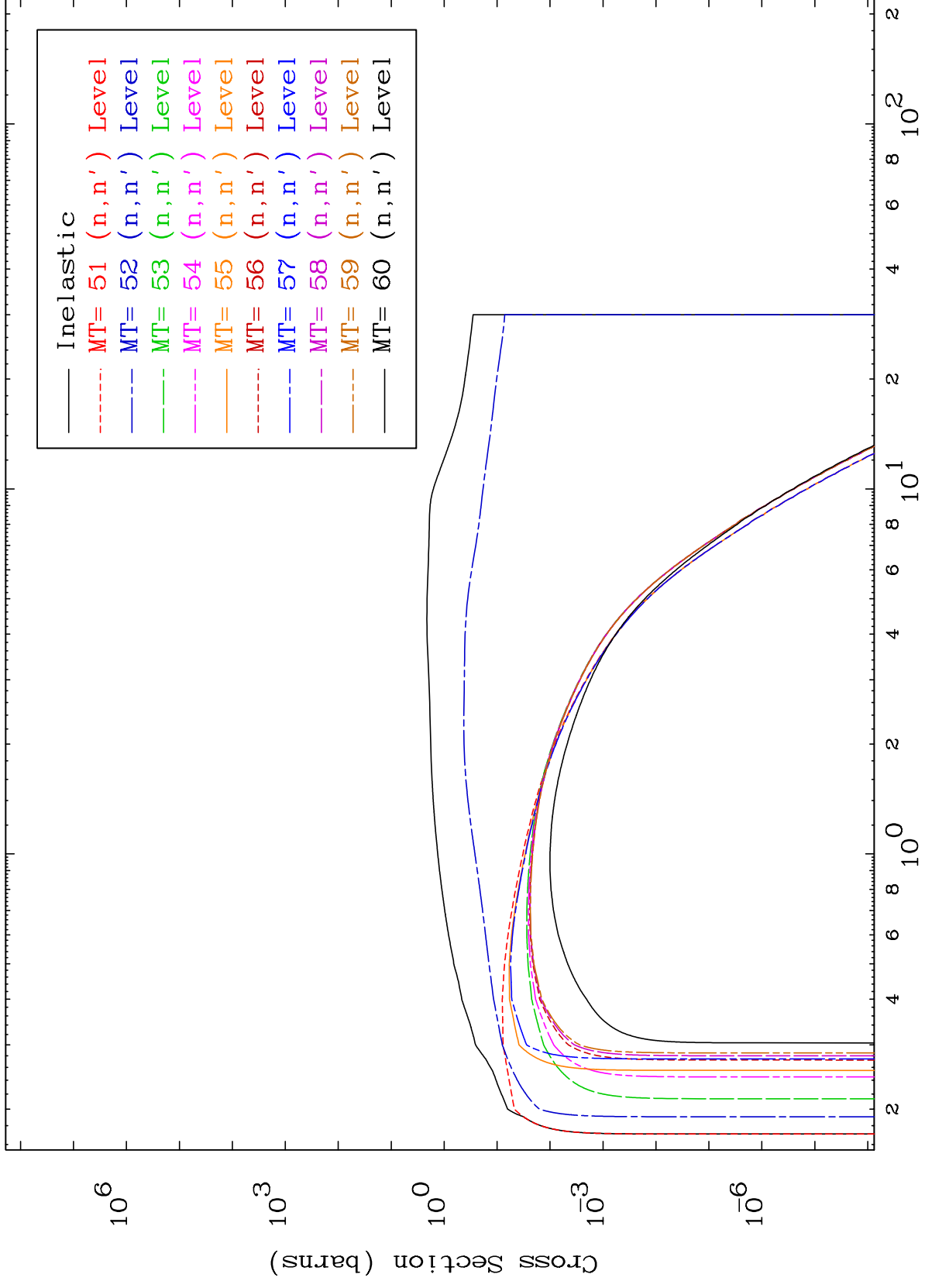
MAT 5498

Particle Production  
293 Kelvin Cross Sections

55-Cs-124



293 Kelvin Cross Sections



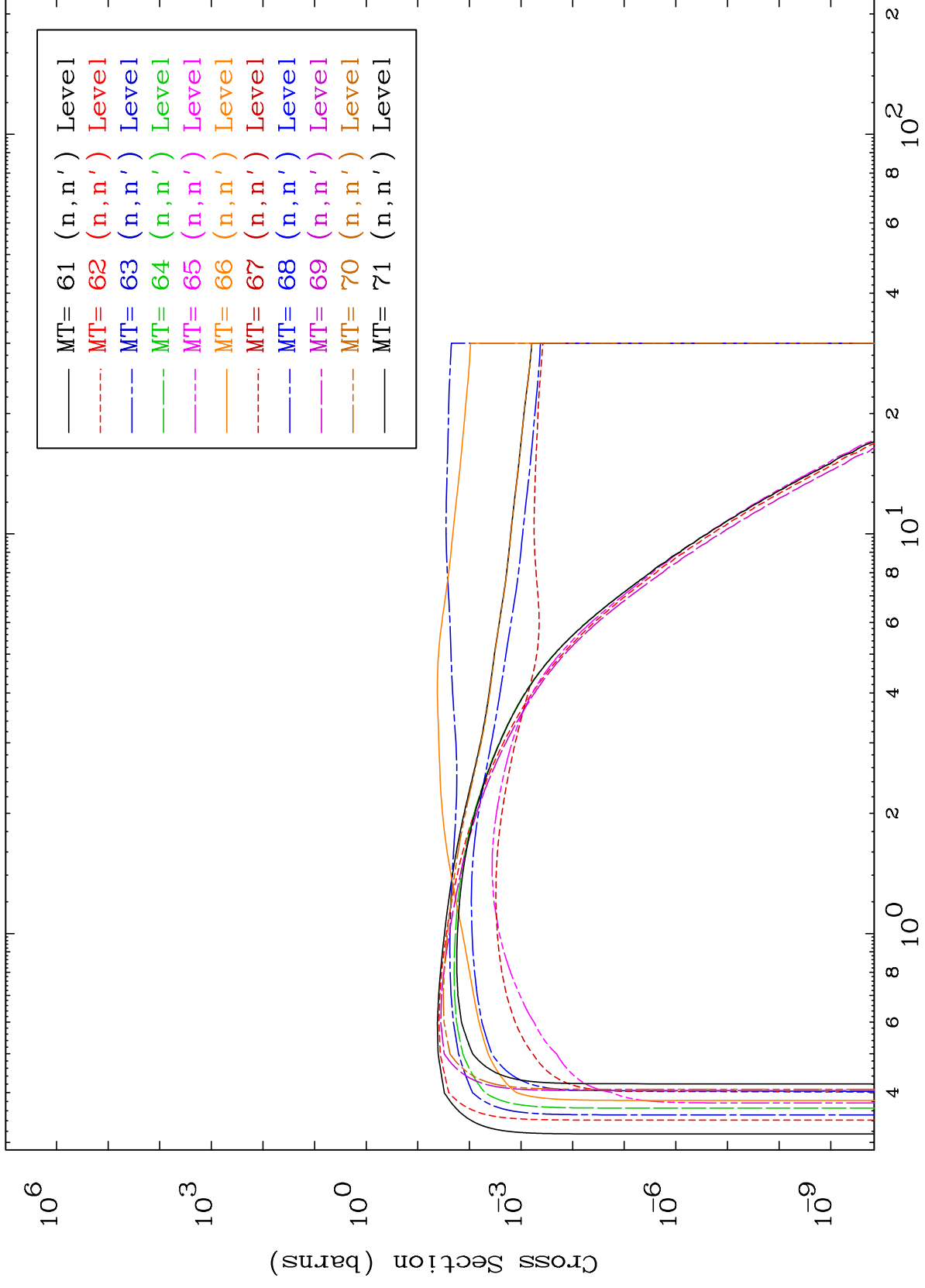


MAT 5498

(n,n') Level

293 Kelvin Cross Sections

55-Cs-124

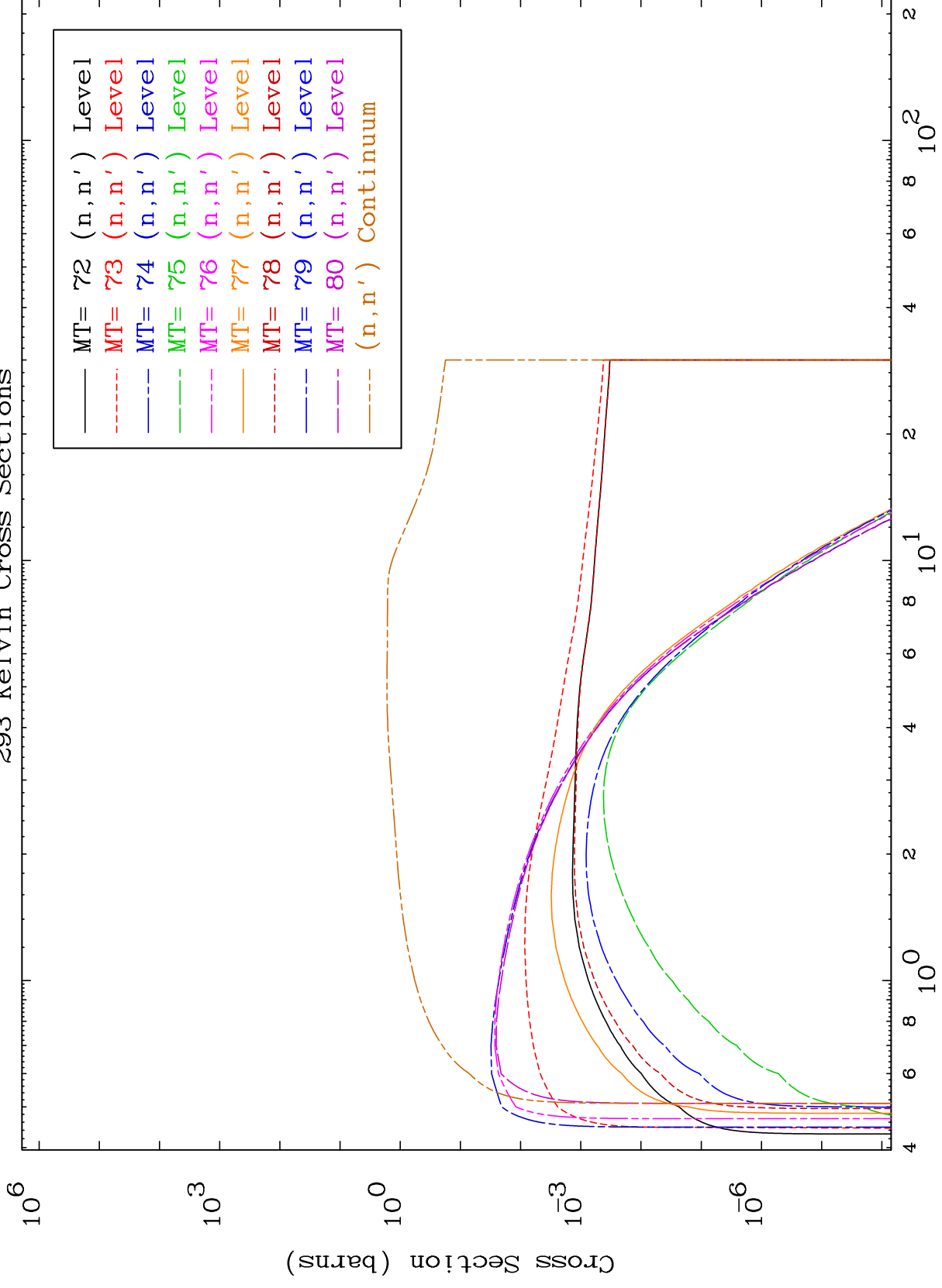


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Incident Energy (MeV)

55-Cs-124

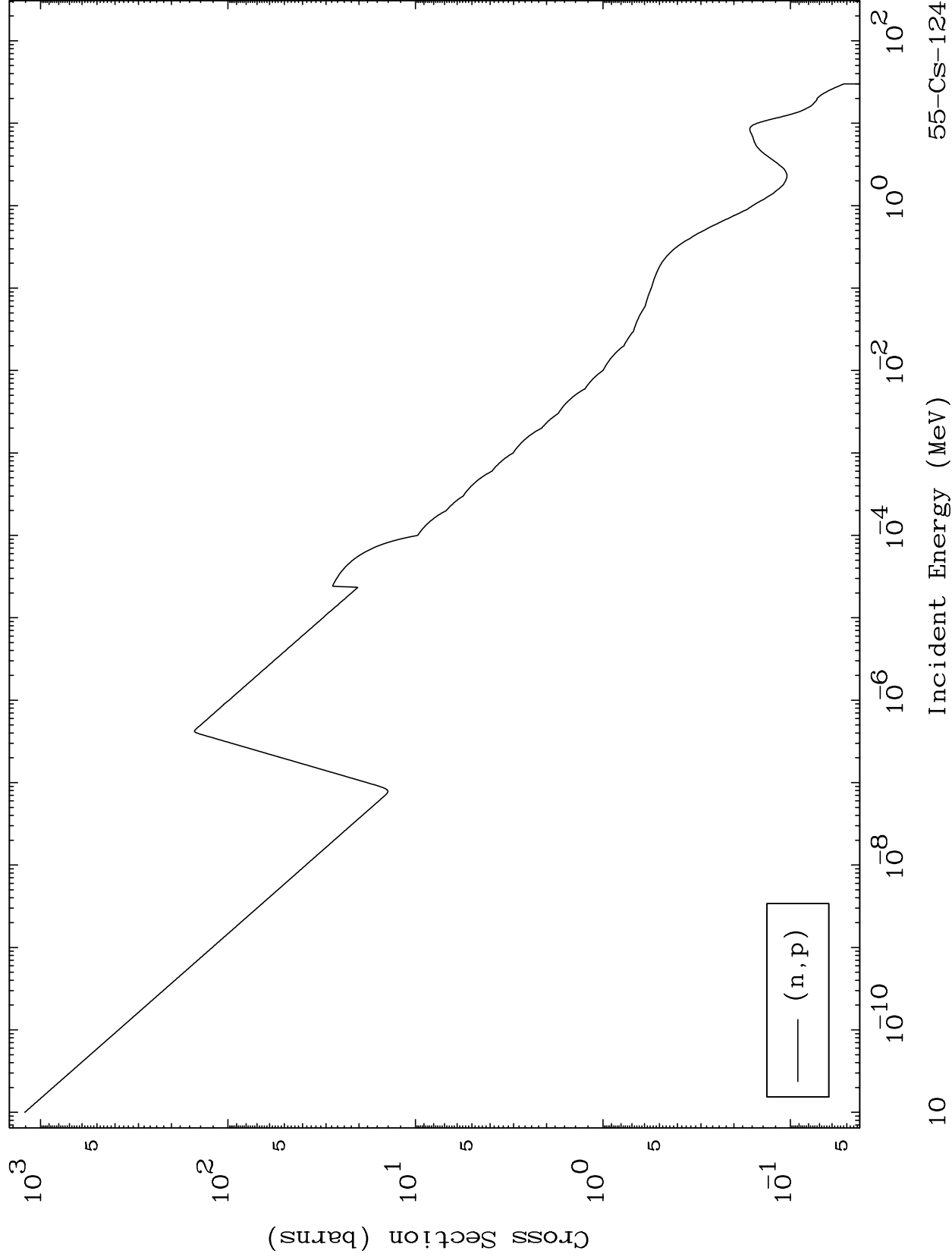
293 Kelvin Cross Sections



MAT 5498

(n,p) Levels  
293 Kelvin Cross Sections

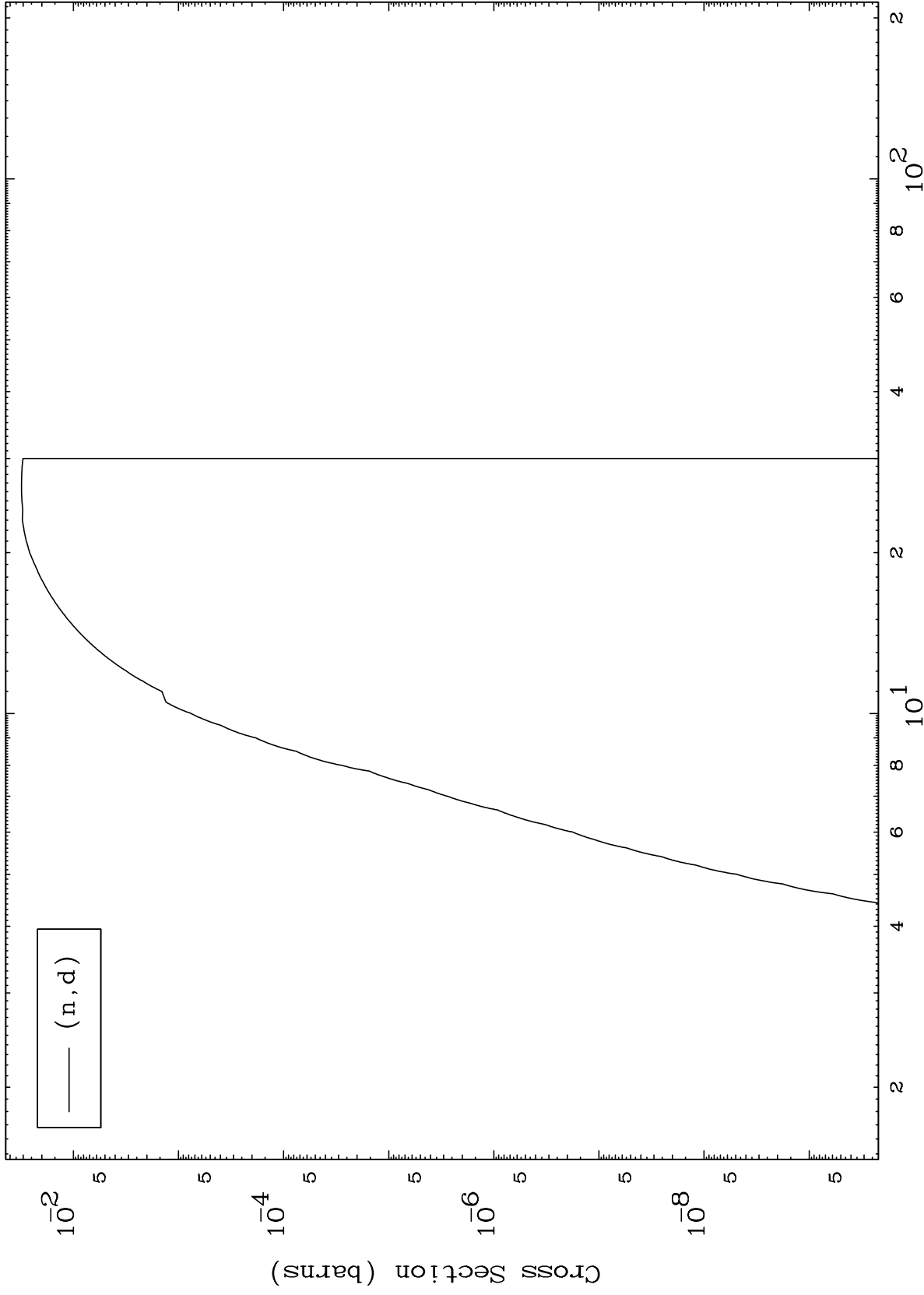
55-Cs-124



MAT 5498

(n,d) Levels  
293 Kelvin Cross Sections

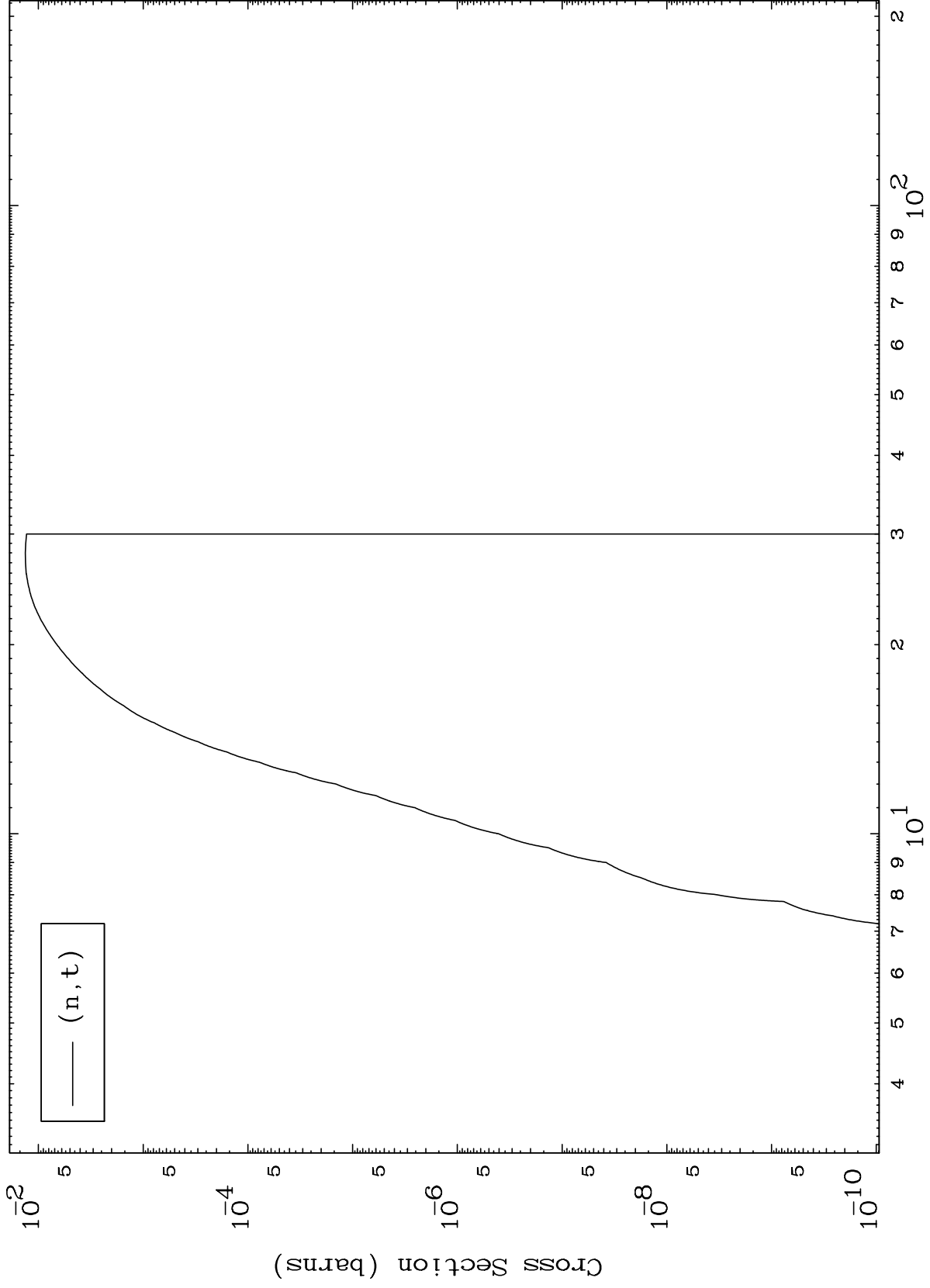
55-Cs-124



MAT 5498

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-124



12

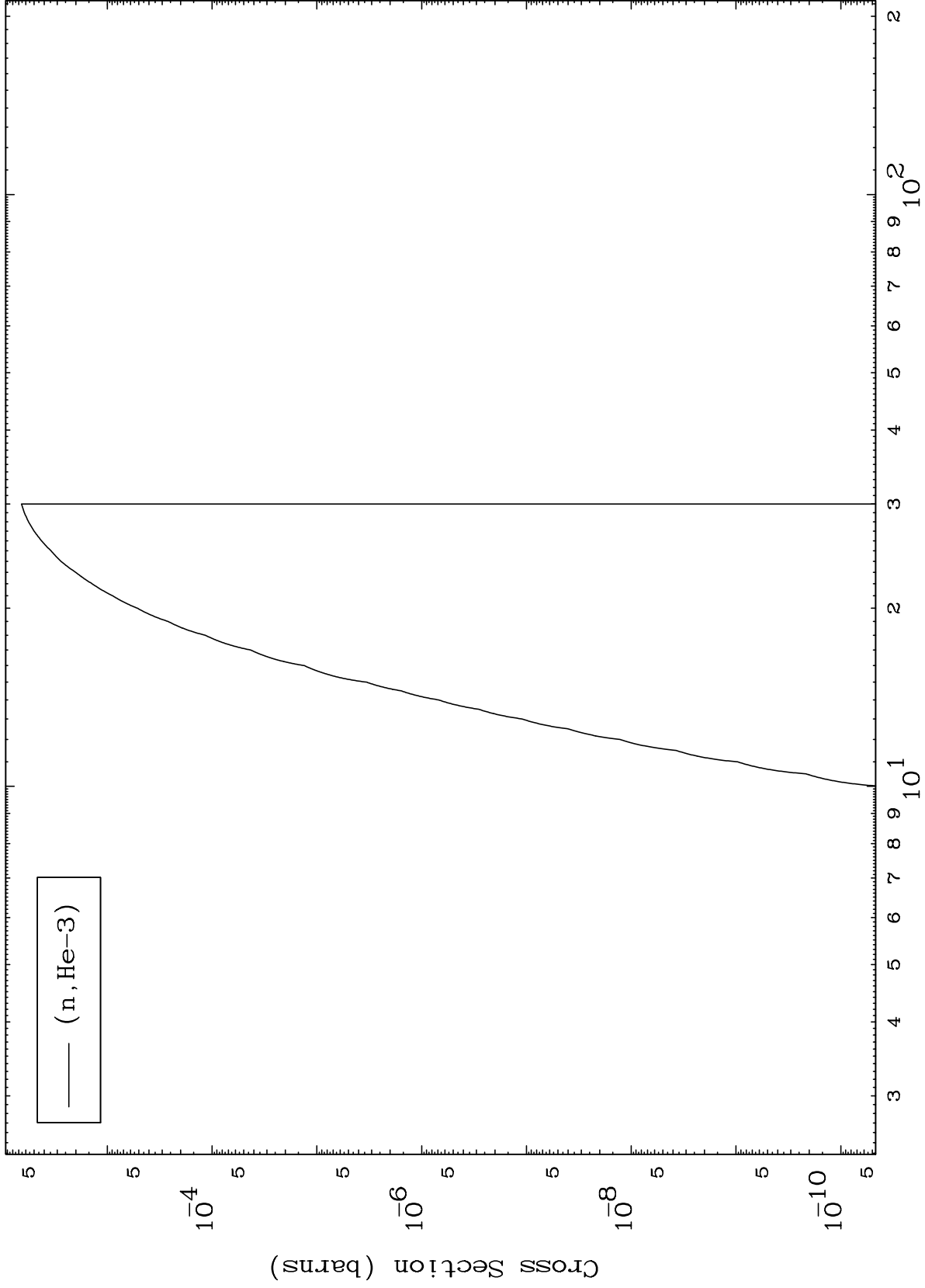
Incident Energy (MeV)

55-Cs-124

MAT 5498

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-124



13

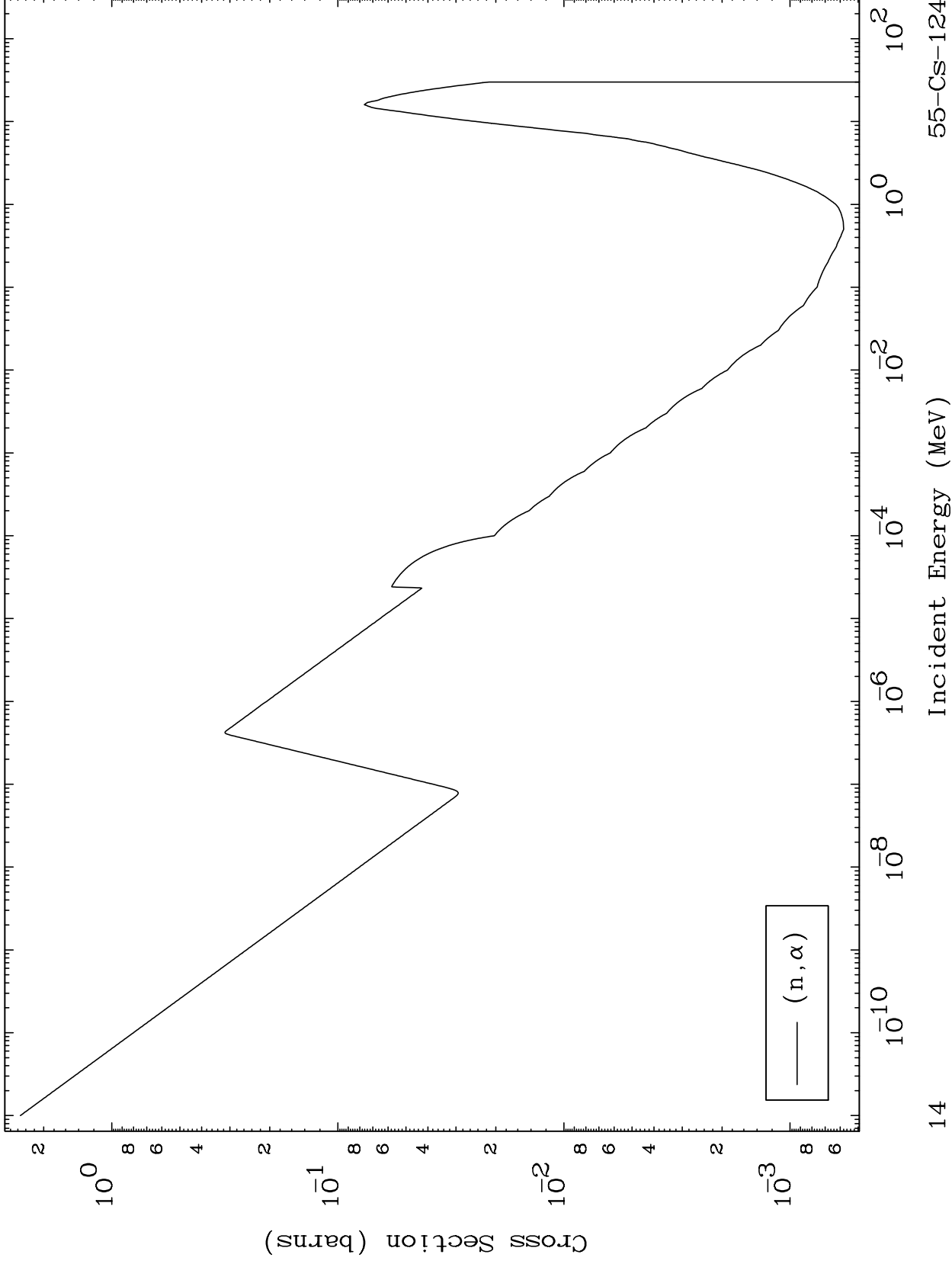
Incident Energy (MeV)

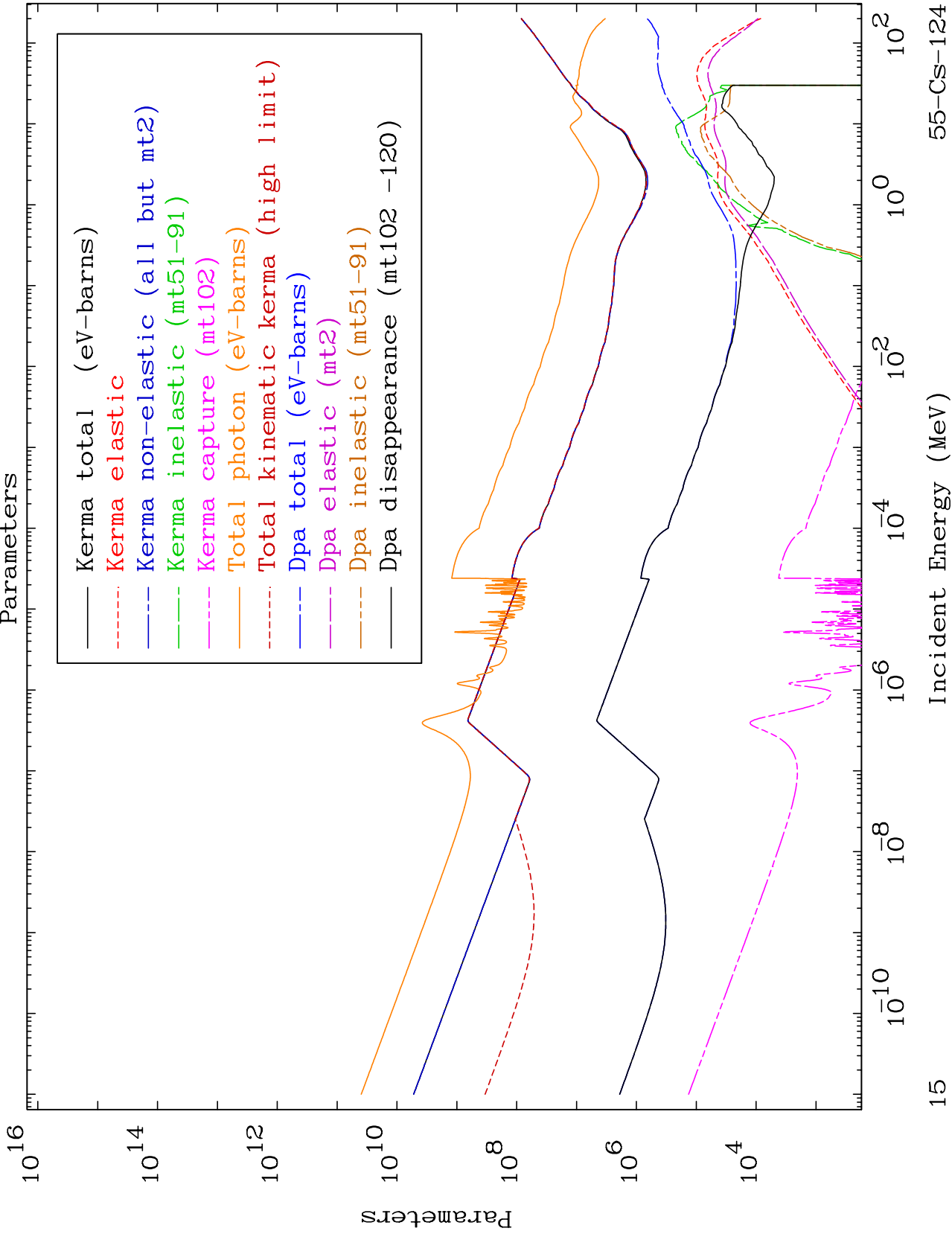
55-Cs-124

MAT 5498

(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-124



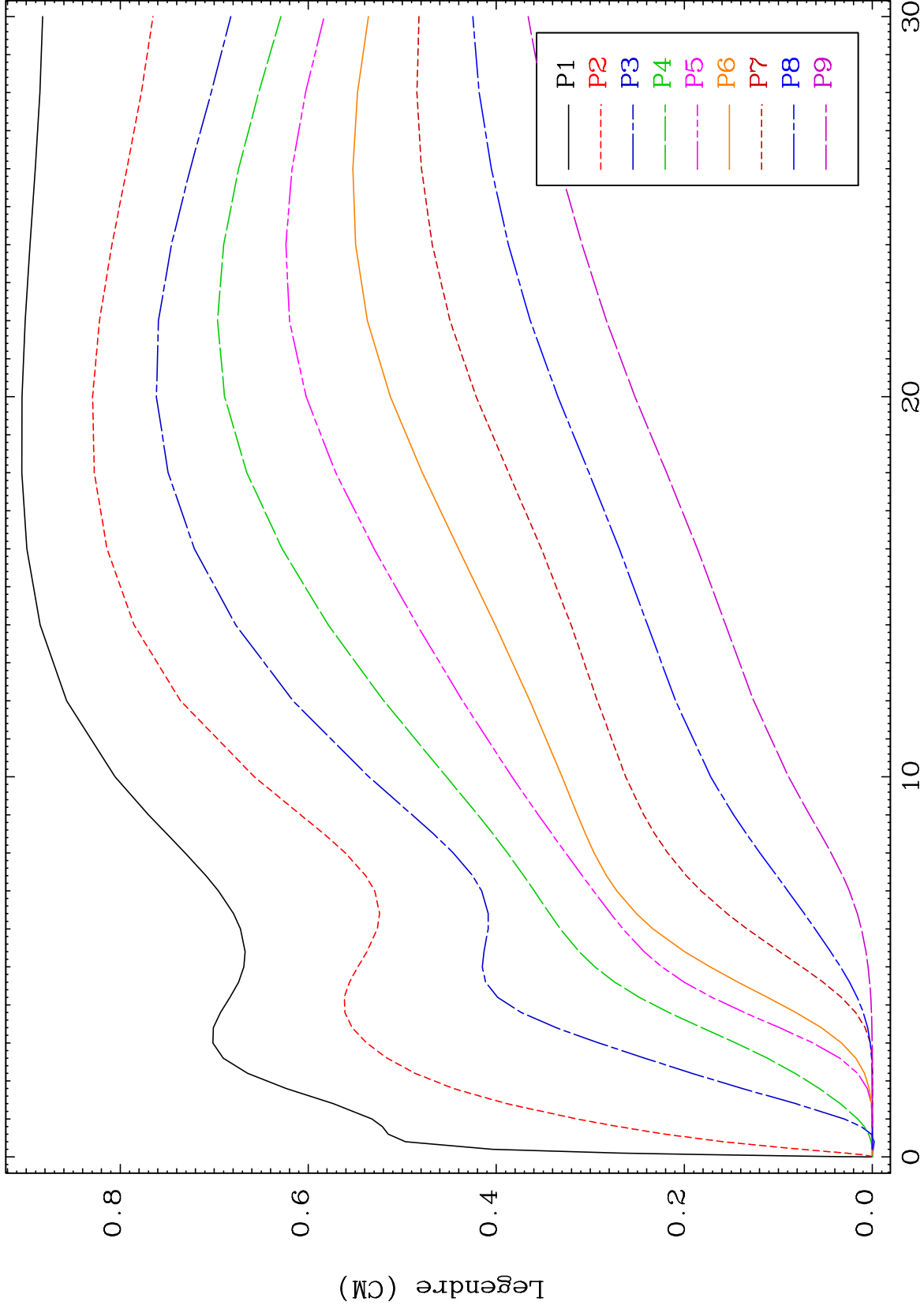




MAT 5498

Elastic Legendre Coefficients

55-Cs-124



16

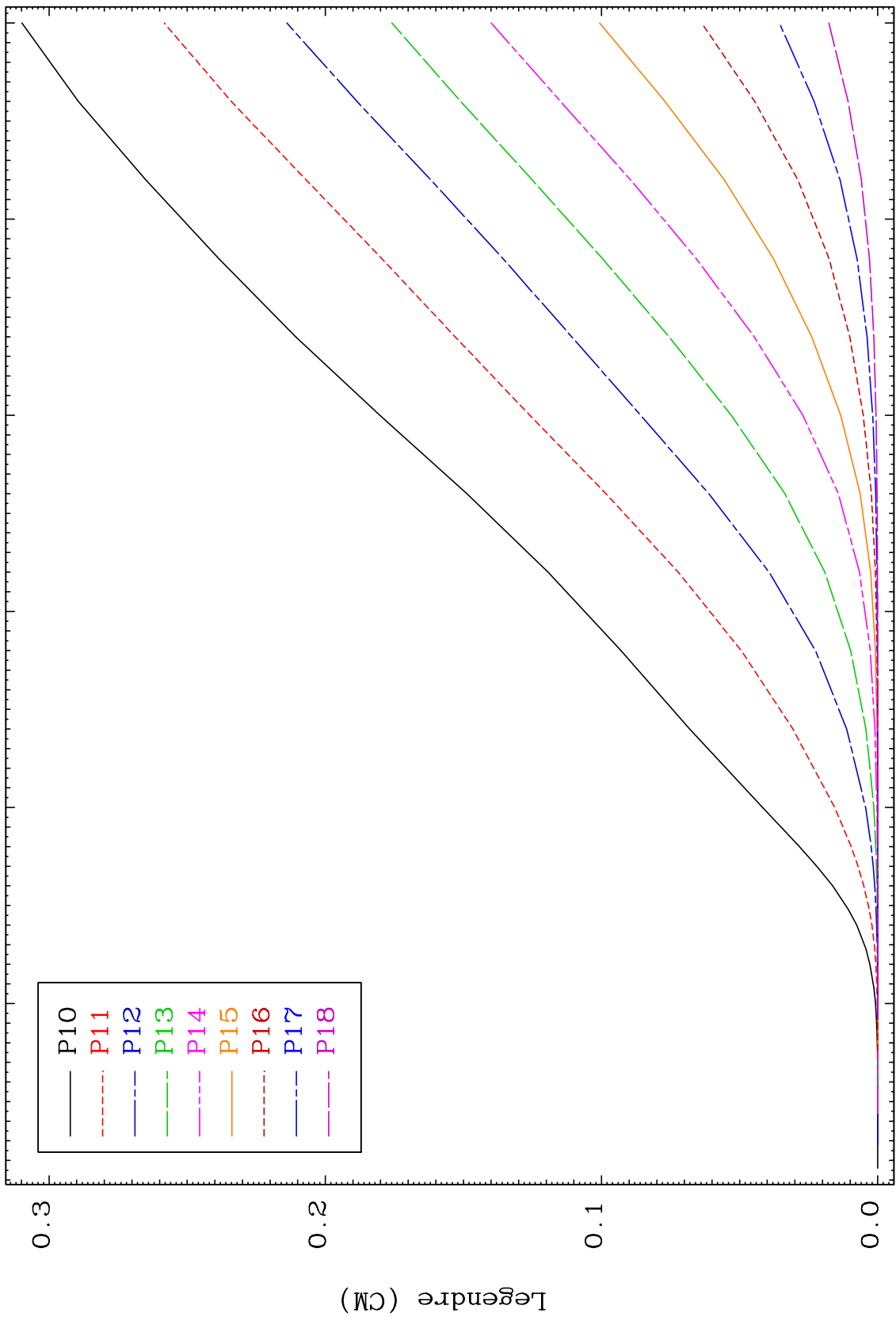
Incident Energy (MeV)

55-Cs-124

MAT 5498

Elastic Legendre Coefficients

55-Cs-124



17

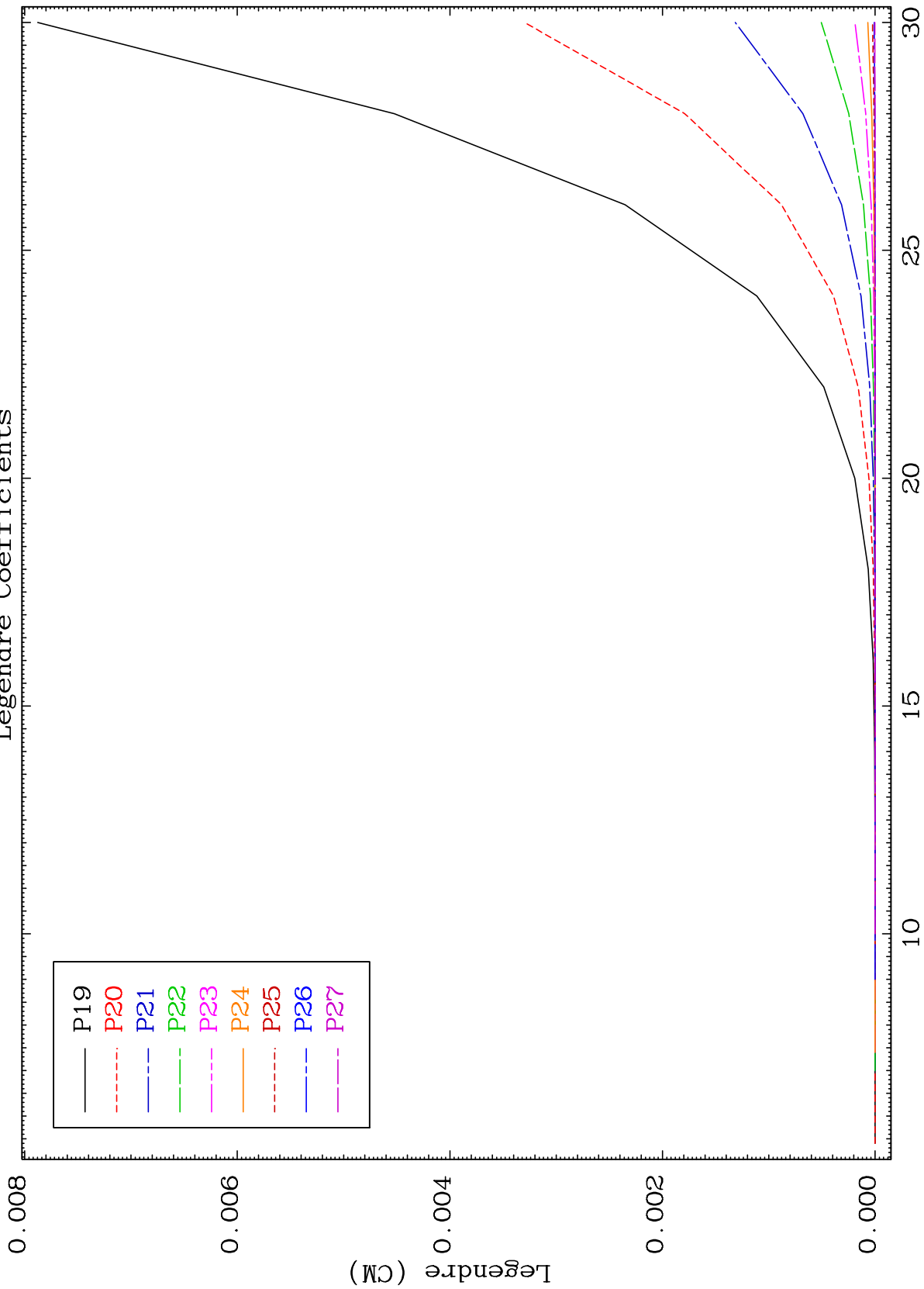
Incident Energy (MeV)

55-Cs-124

MAT 5498

Elastic  
Legendre Coefficients

55-Cs-124



18

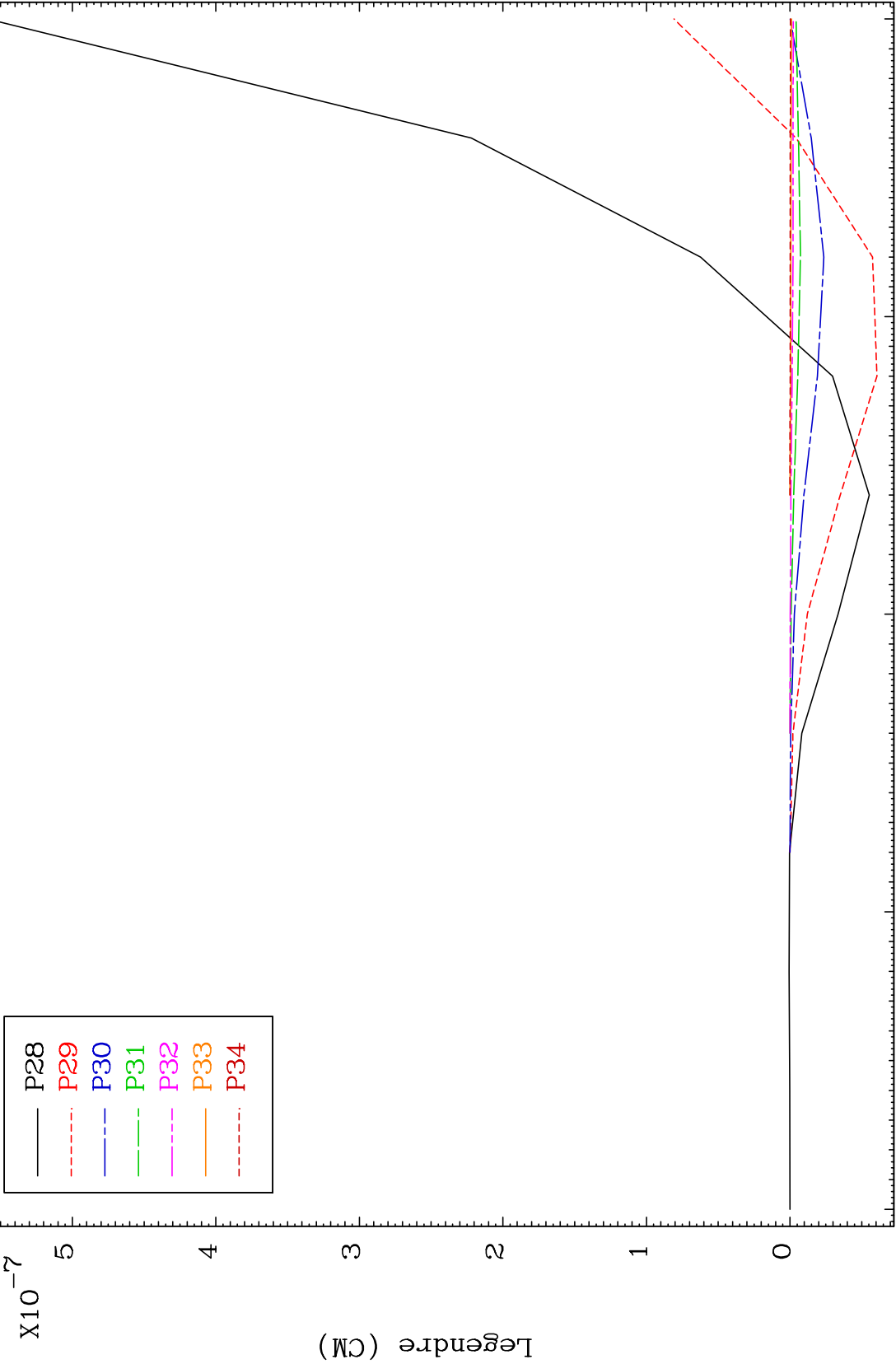
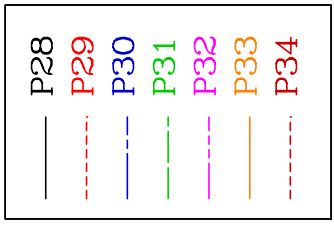
Incident Energy (MeV)

55-Cs-124

MAT 5498

Elastic Legendre Coefficients

55-Cs-124



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Incident Energy (MeV)

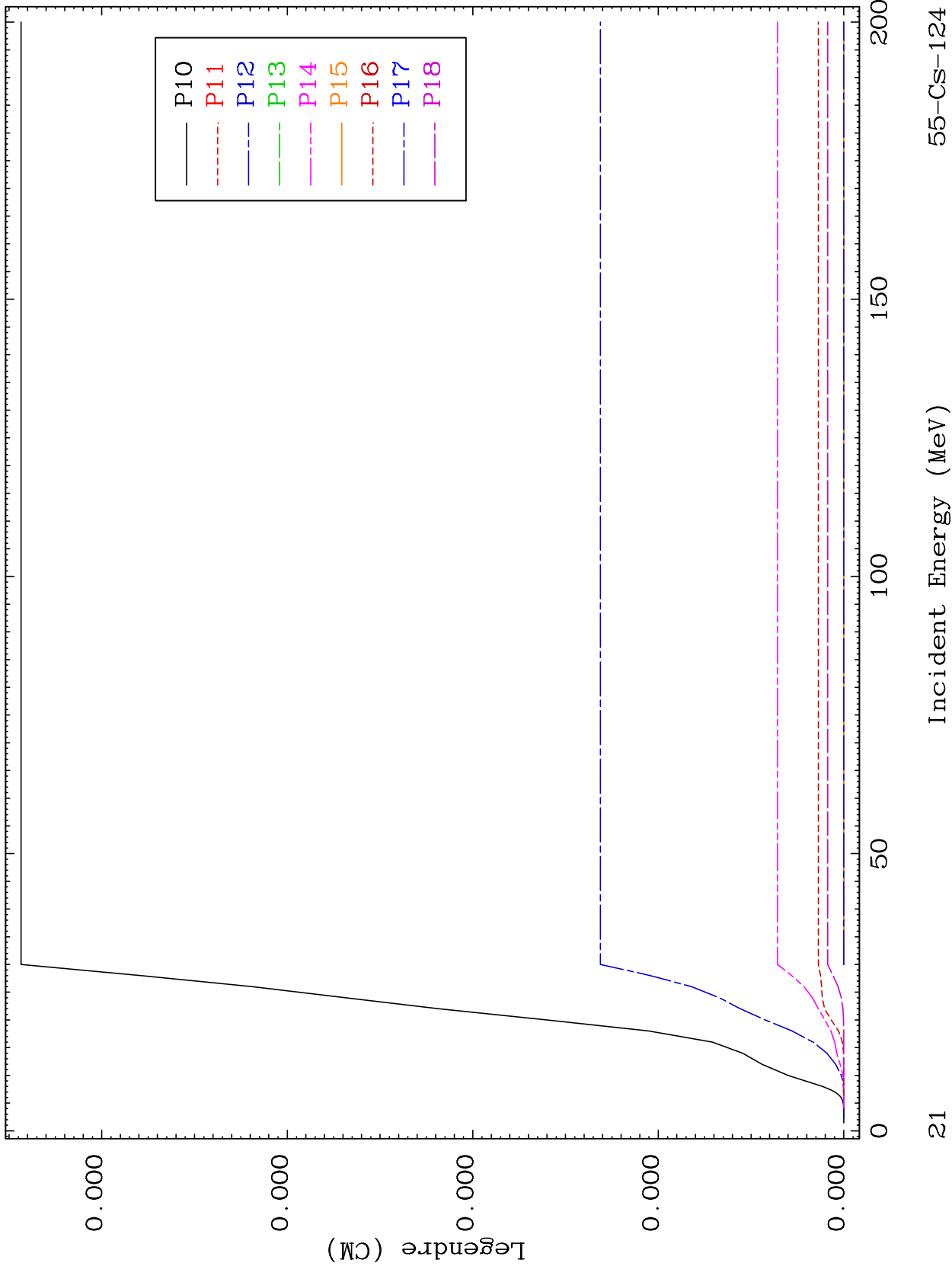
55-Cs-124



MAT 5498

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

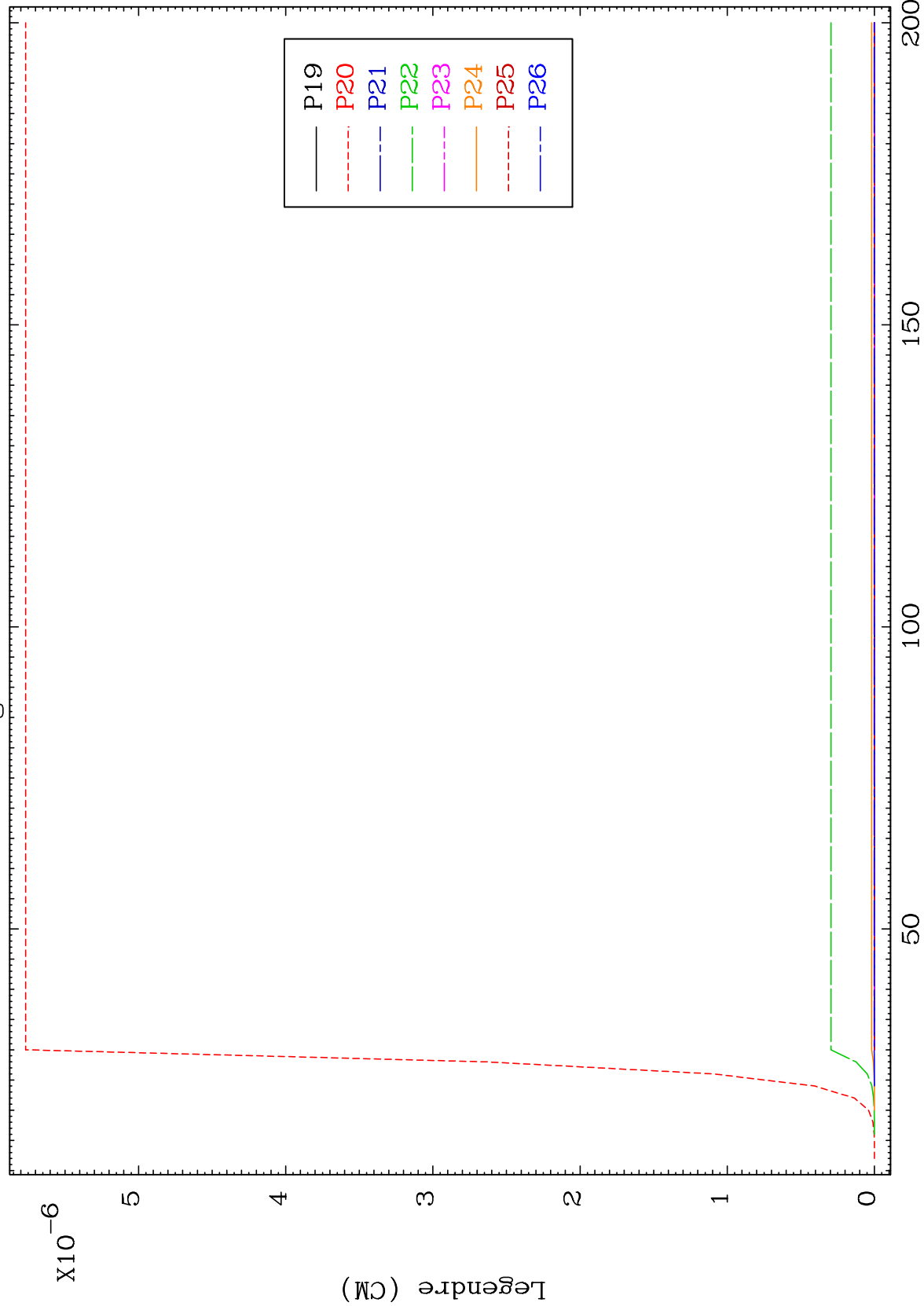
55-Cs-124



MAT 5498

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

55-Cs-124



55-Cs-124

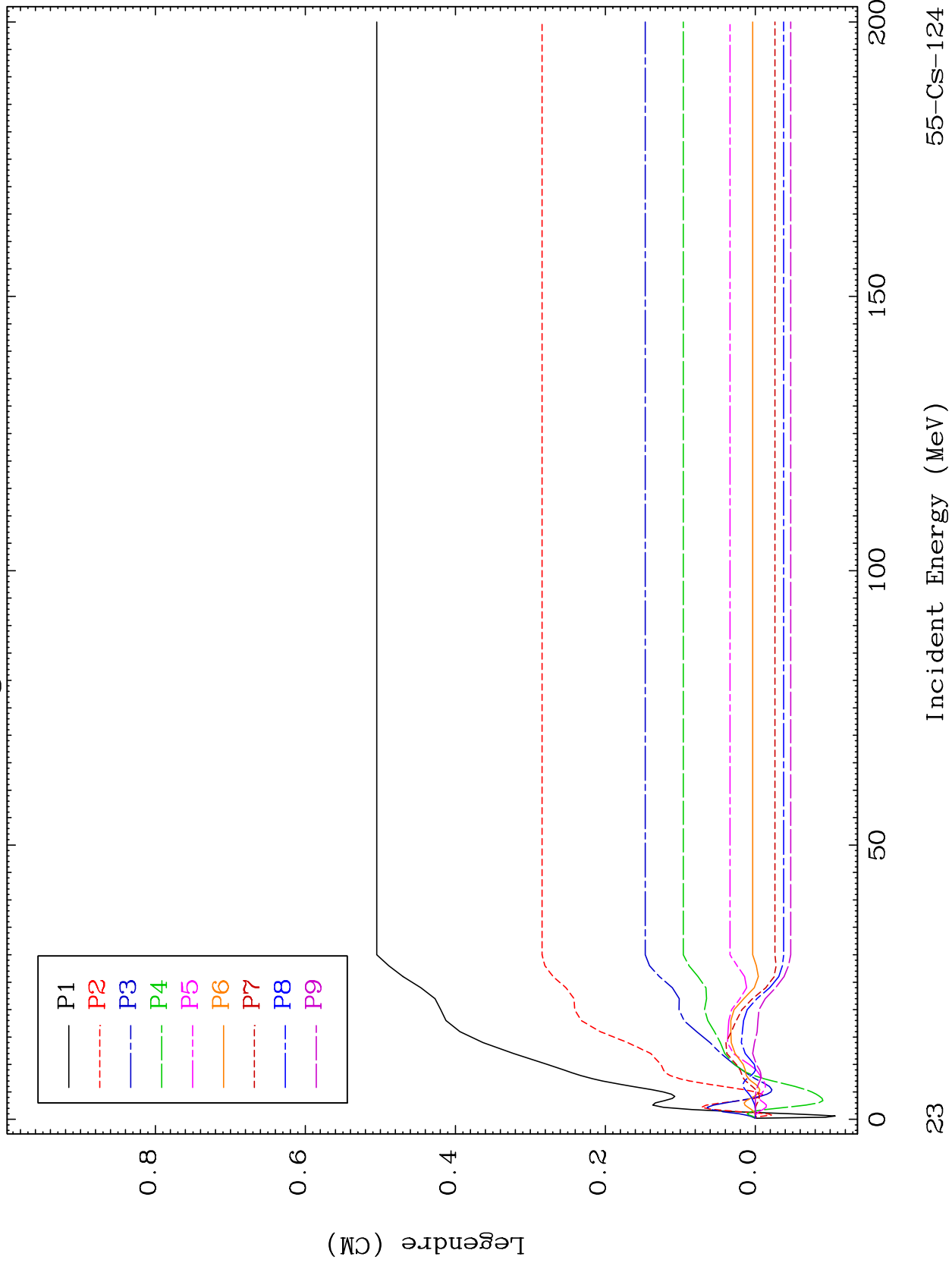
Incident Energy (MeV)

22

MAT 5498

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

55-Cs-124



55-Cs-124

Incident Energy (MeV)

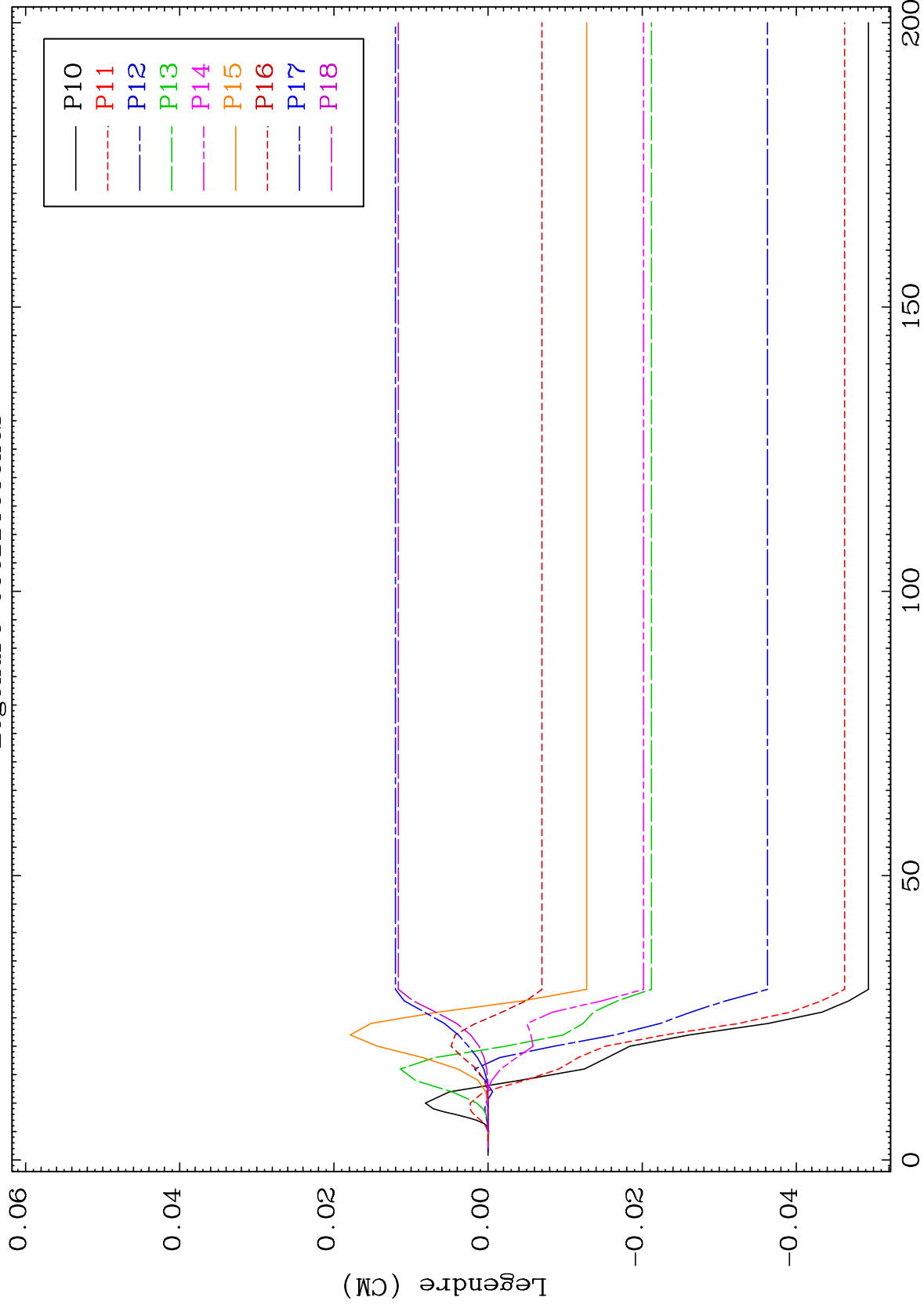
23



MAT 5498

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

55-Cs-124



24

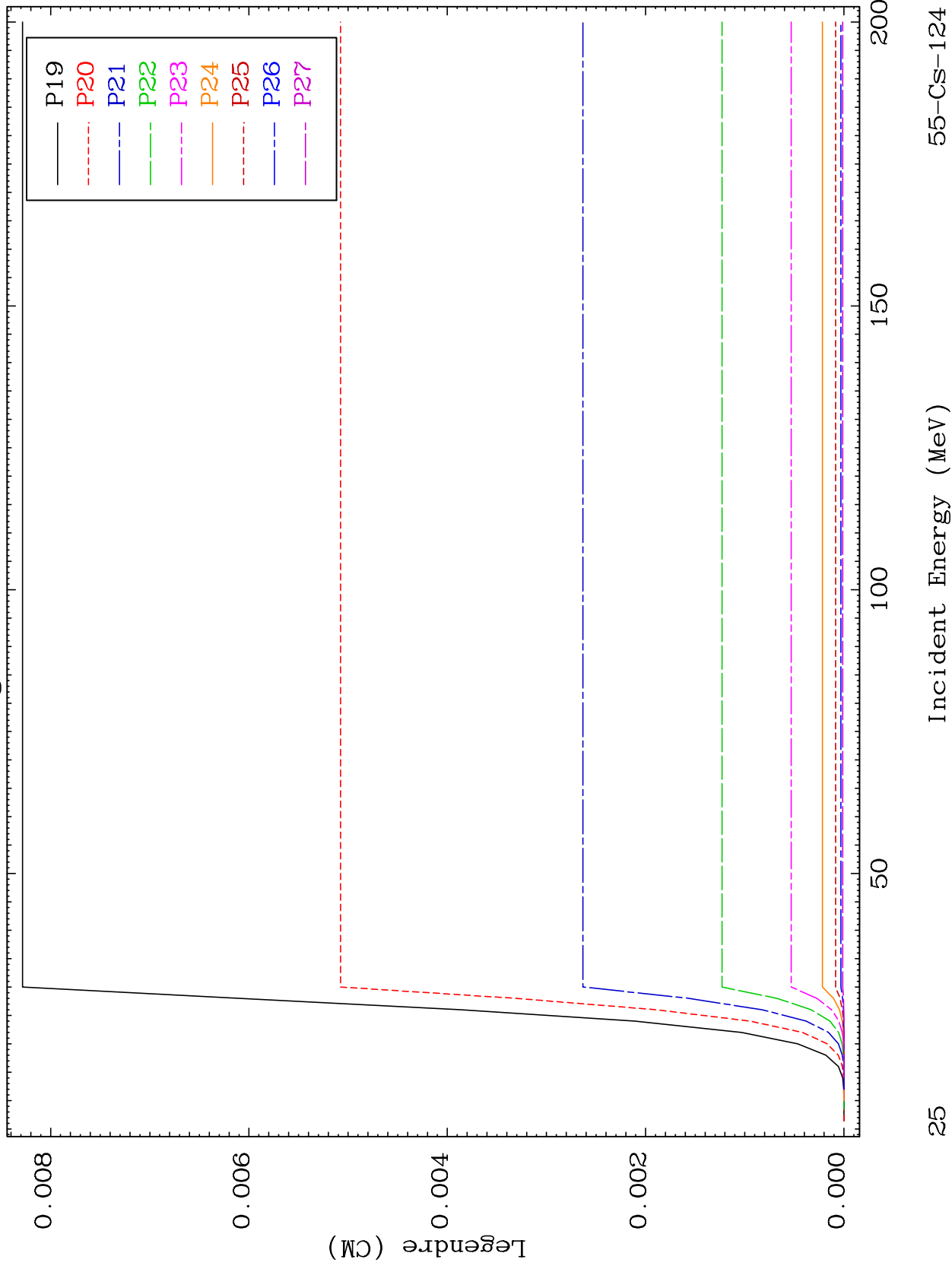
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



25

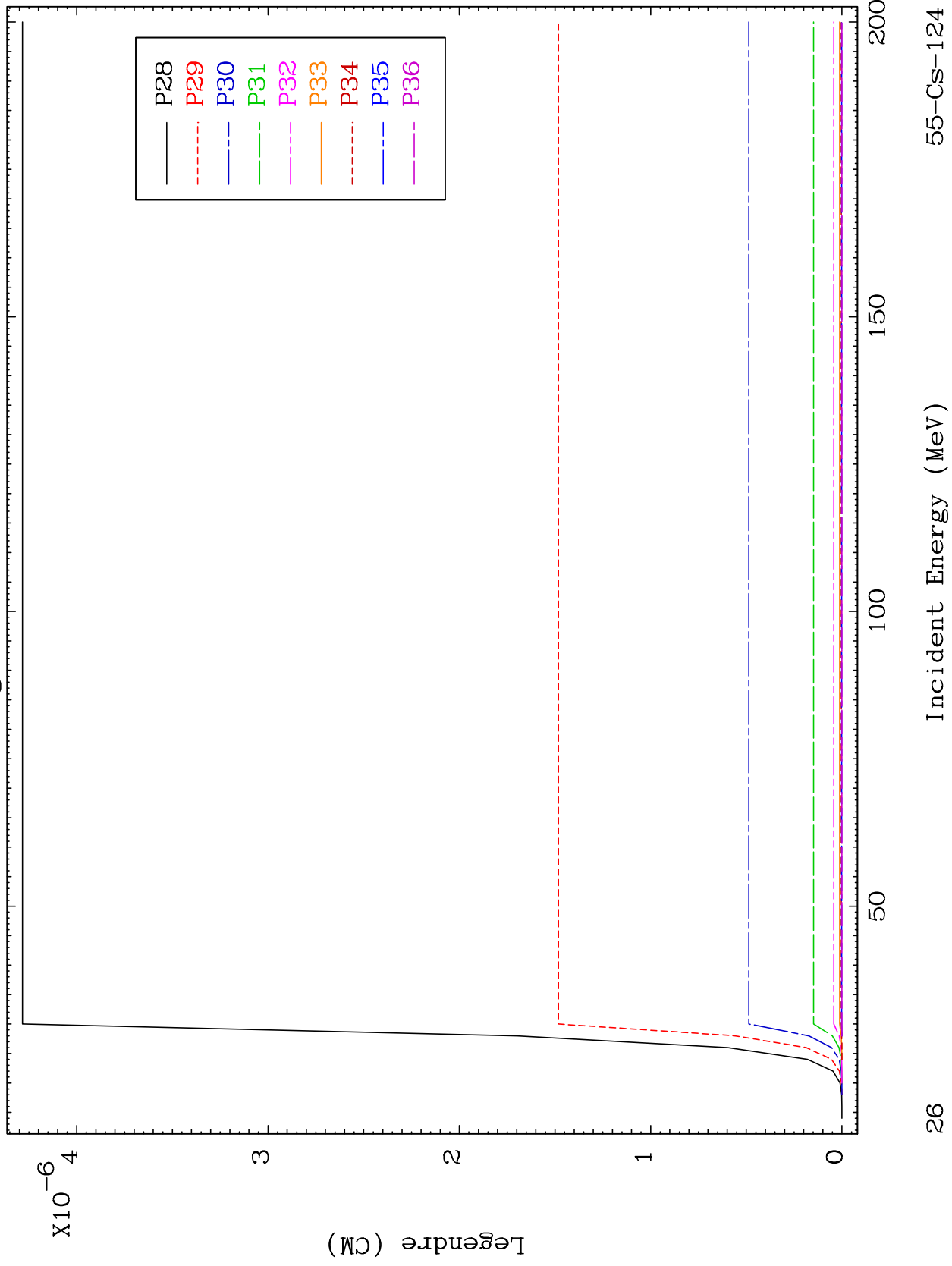
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



26

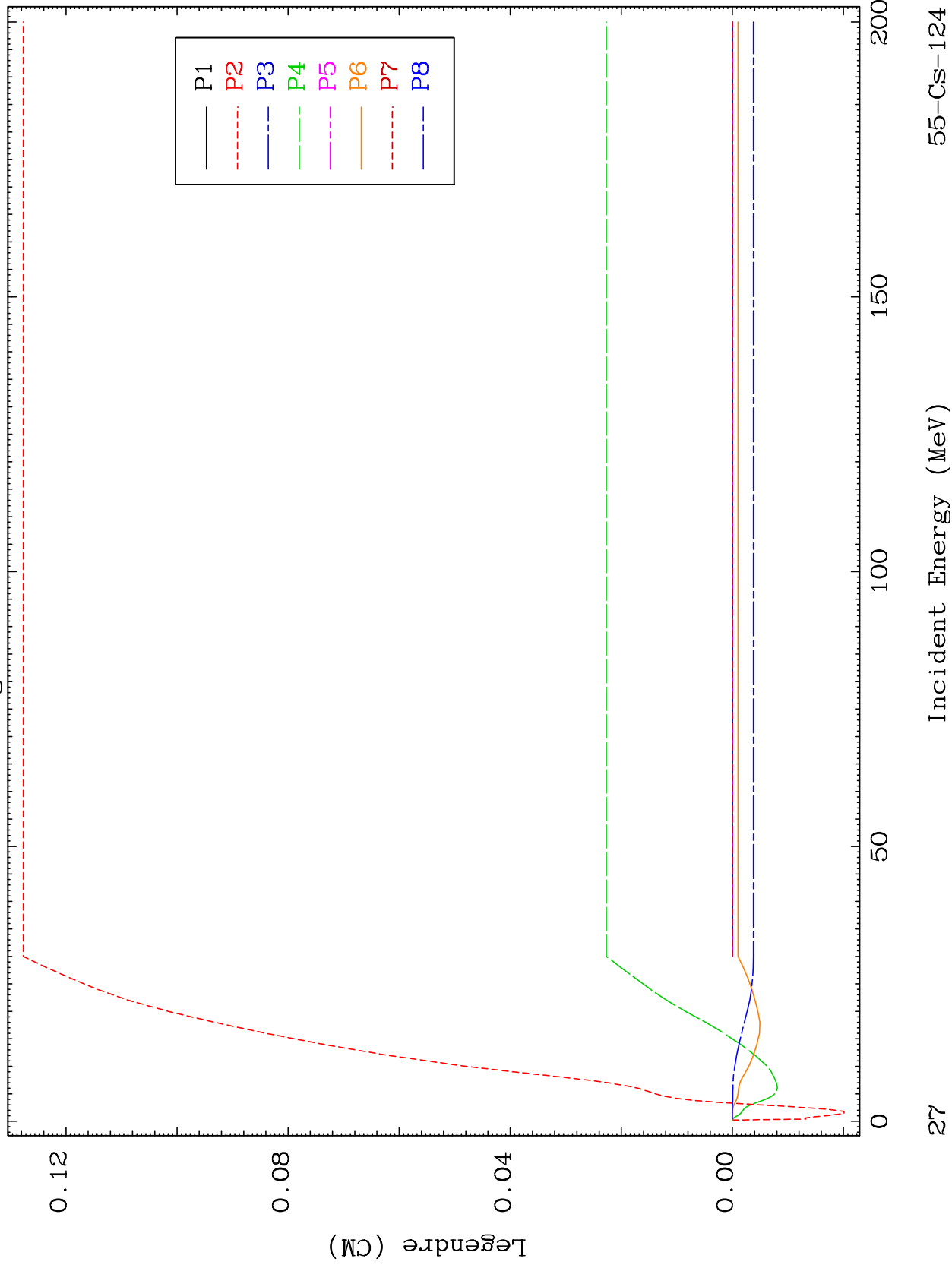
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

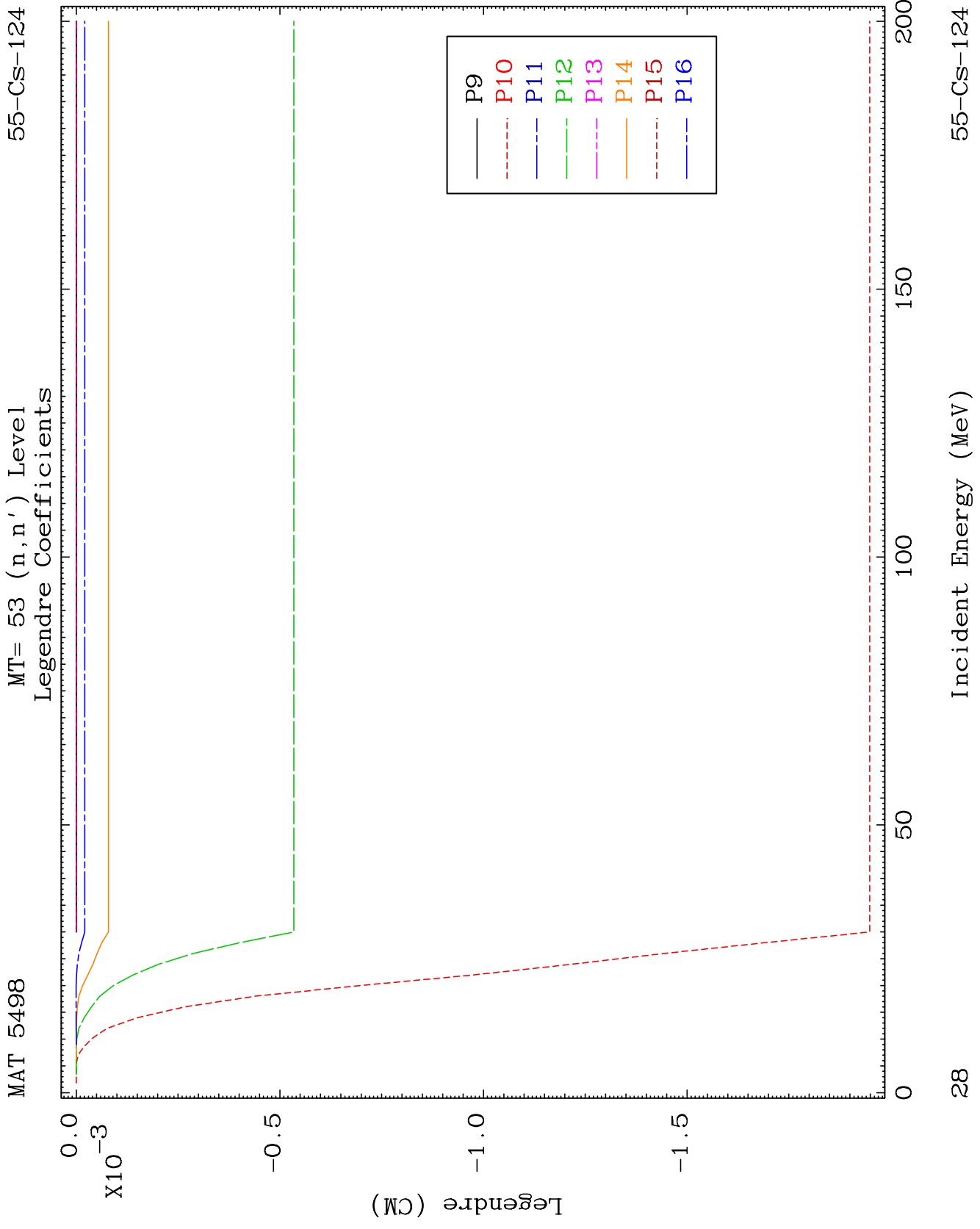
55-Cs-124



27

Incident Energy (MeV)

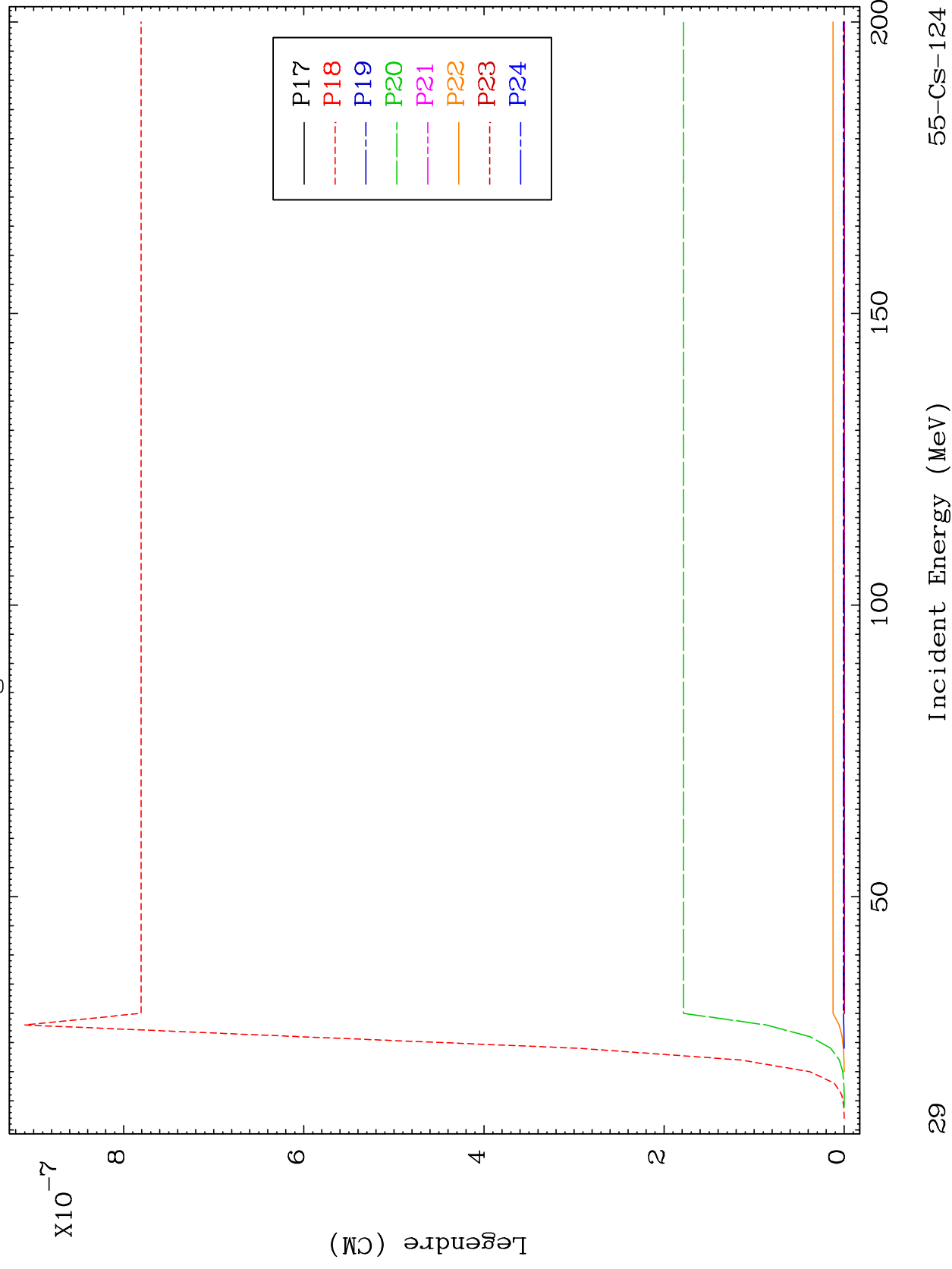
55-Cs-124



MAT 5498

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

55-Cs-124



29

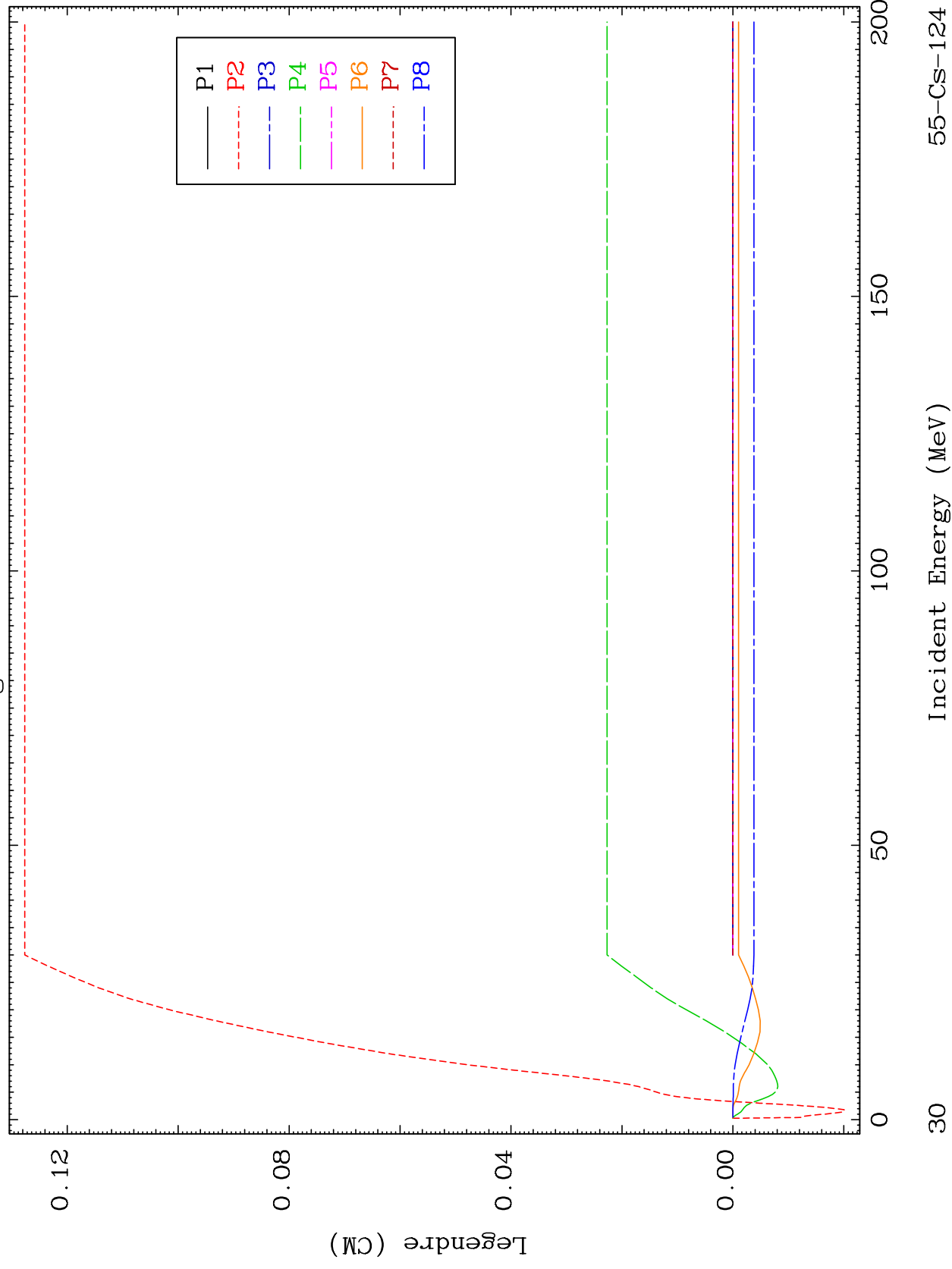
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124

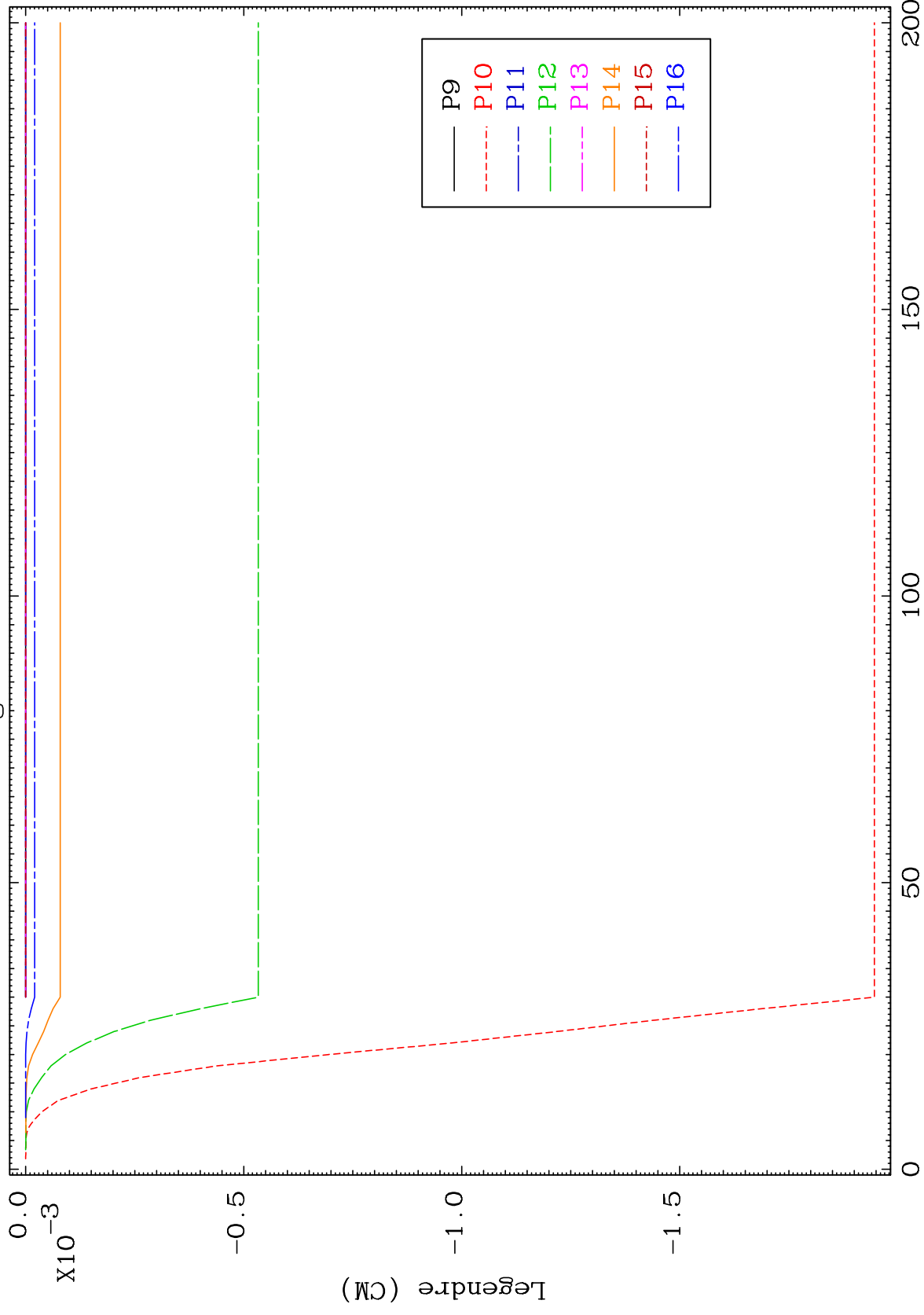


55-Cs-124

MAT 5498

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

55-Cs-124



31

Incident Energy (MeV)

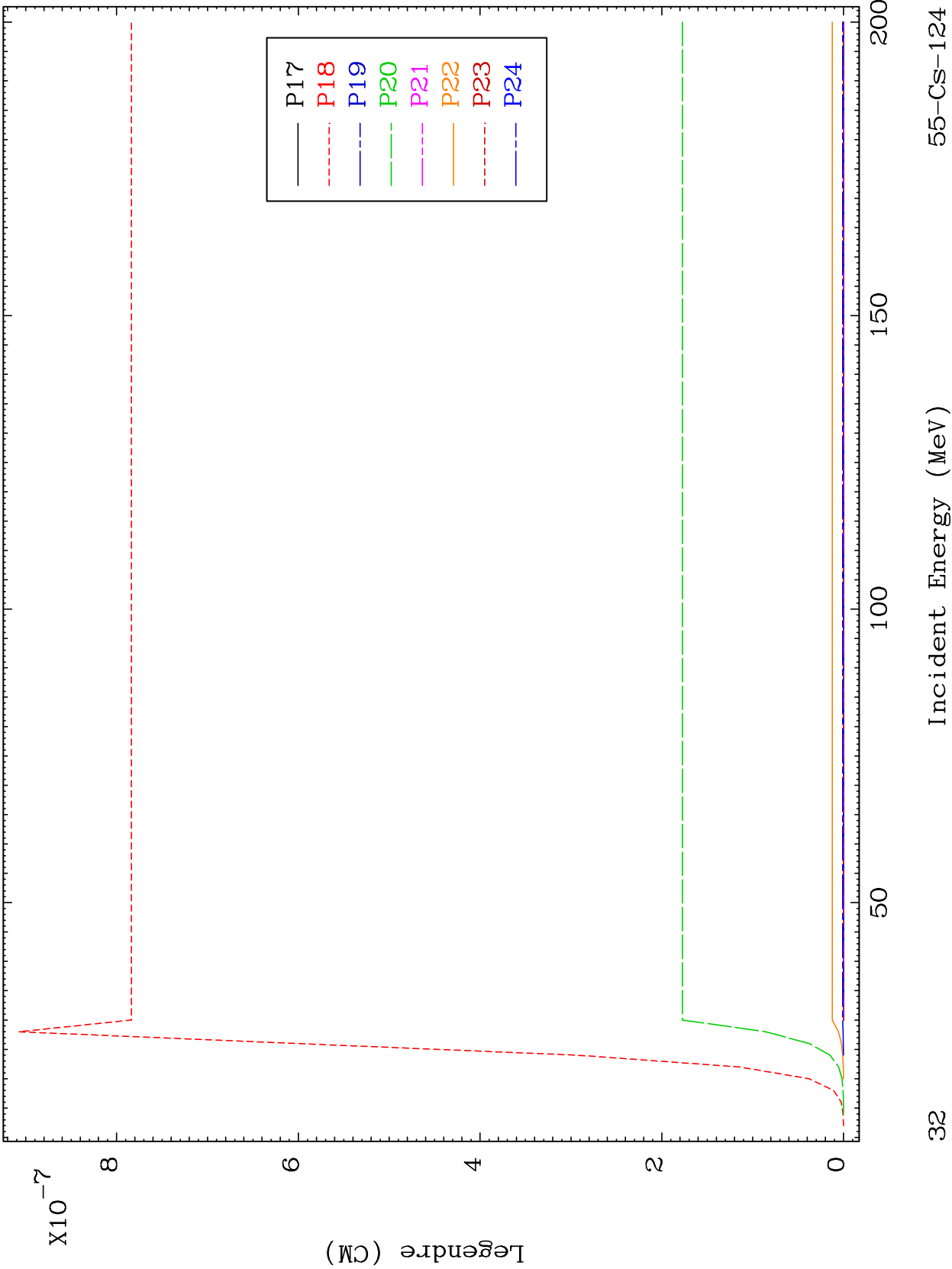
55-Cs-124



MAT 5498

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

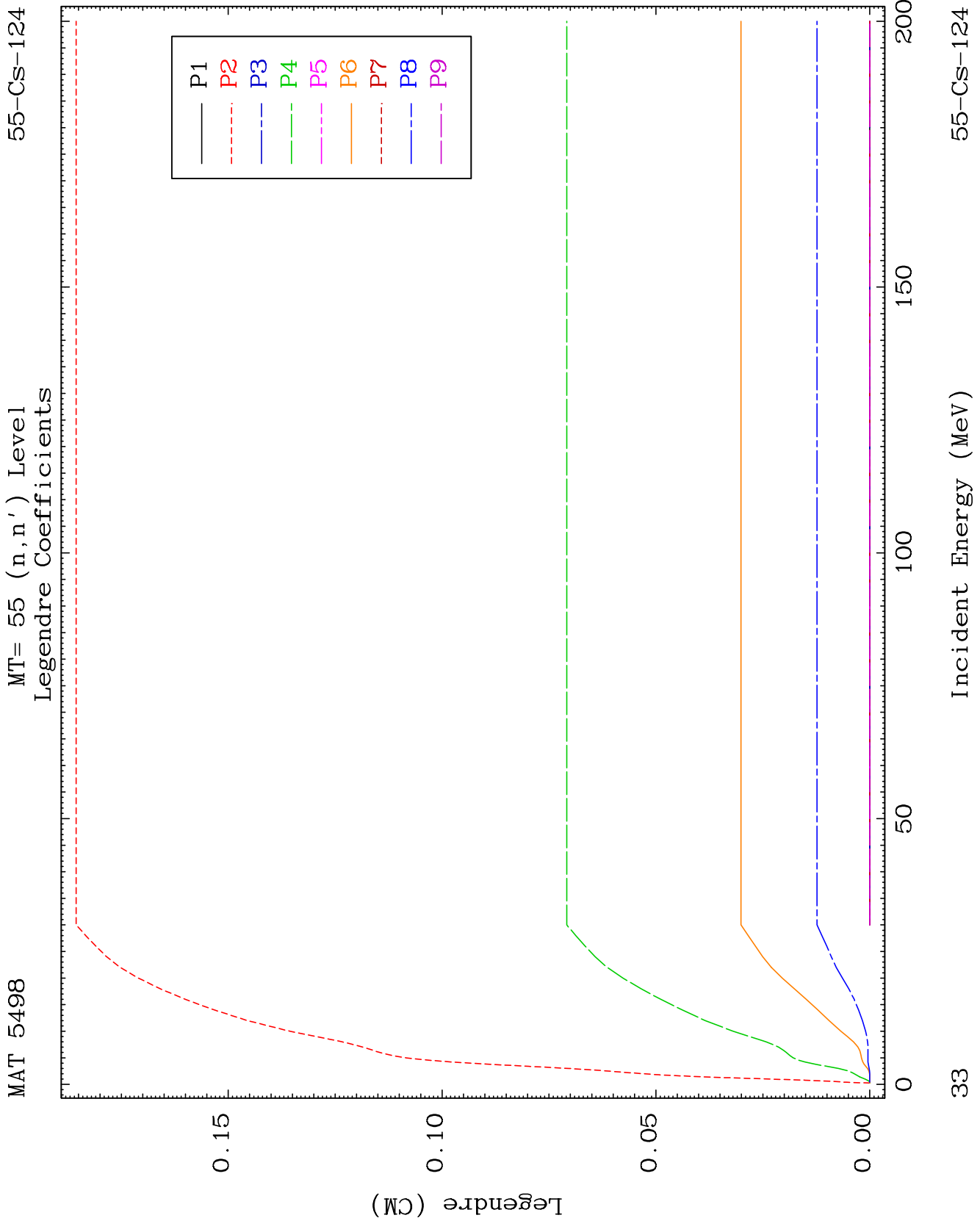
55-Cs-124



55-Cs-124

Incident Energy (MeV)

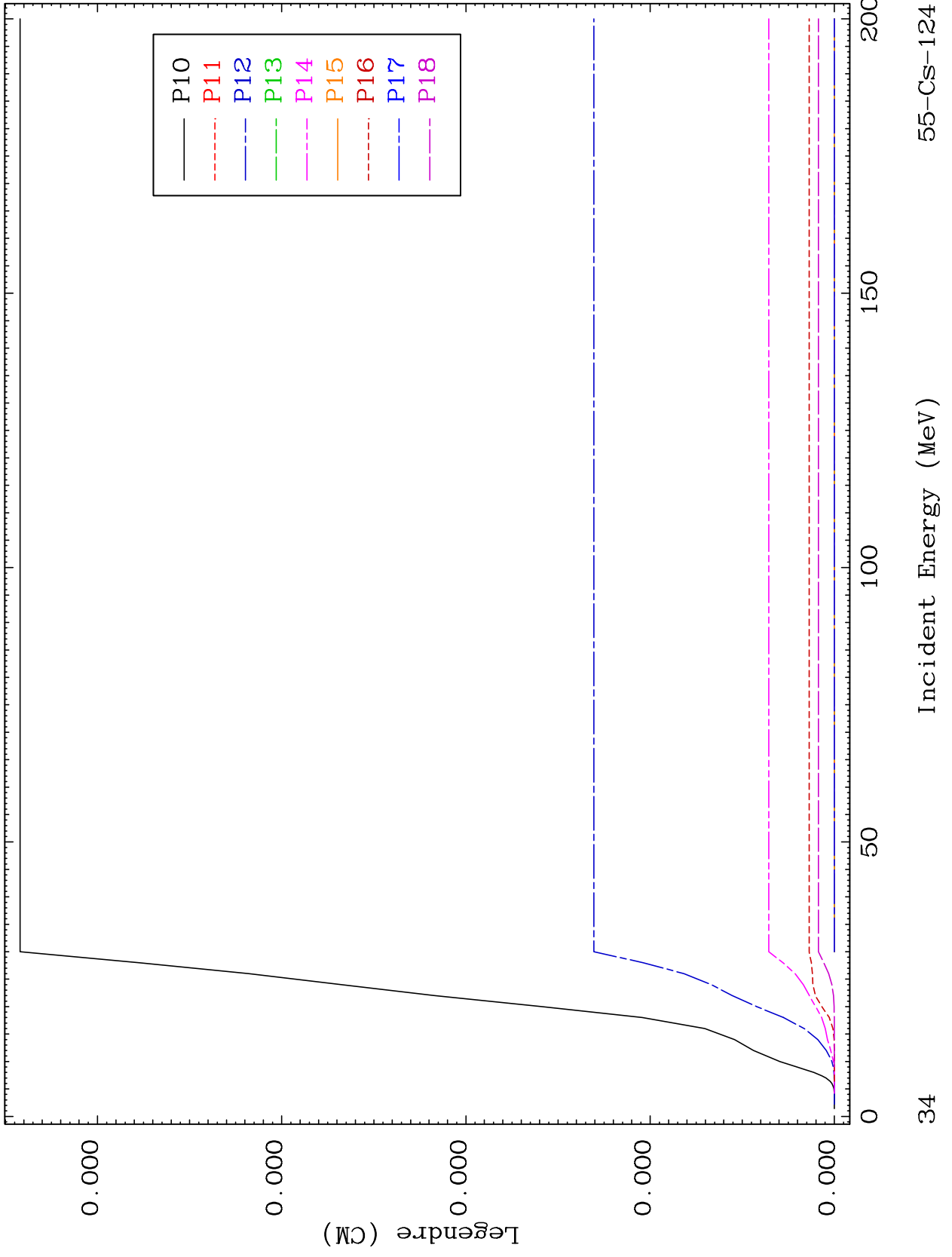
32



MAT 5498

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

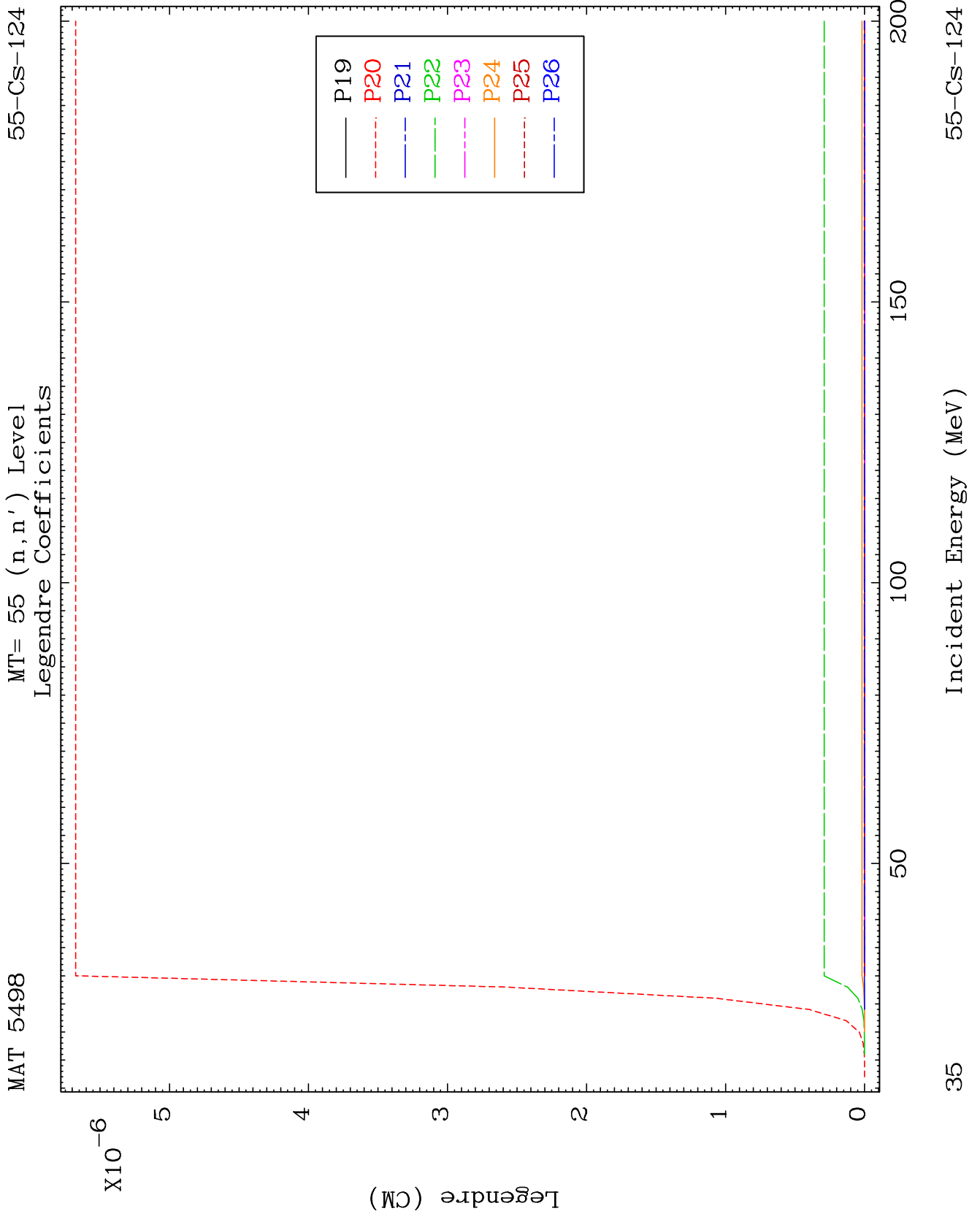
55-Cs-124



34

Incident Energy (MeV)

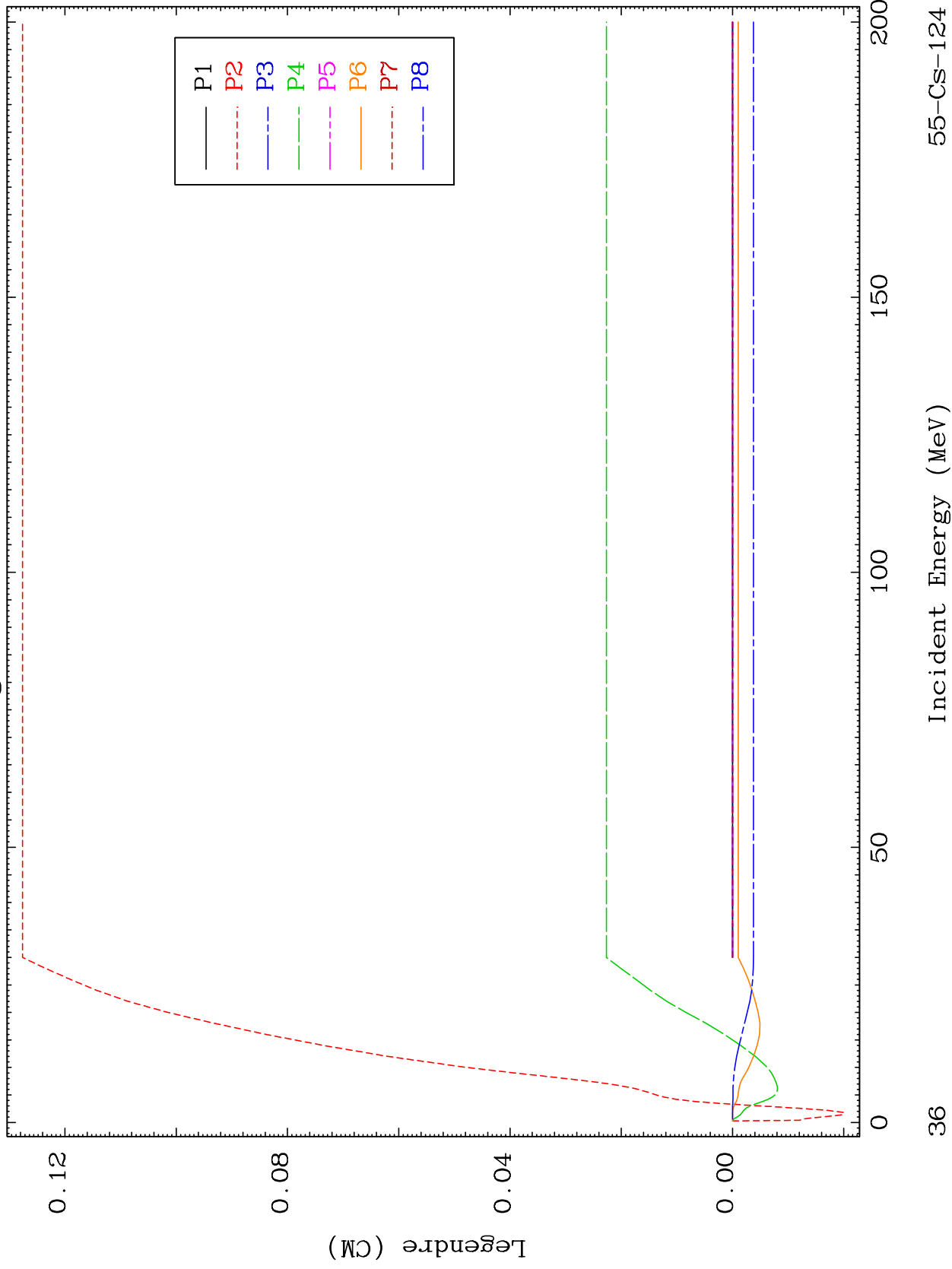
55-Cs-124



MAT 5498

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Legendre Coefficients

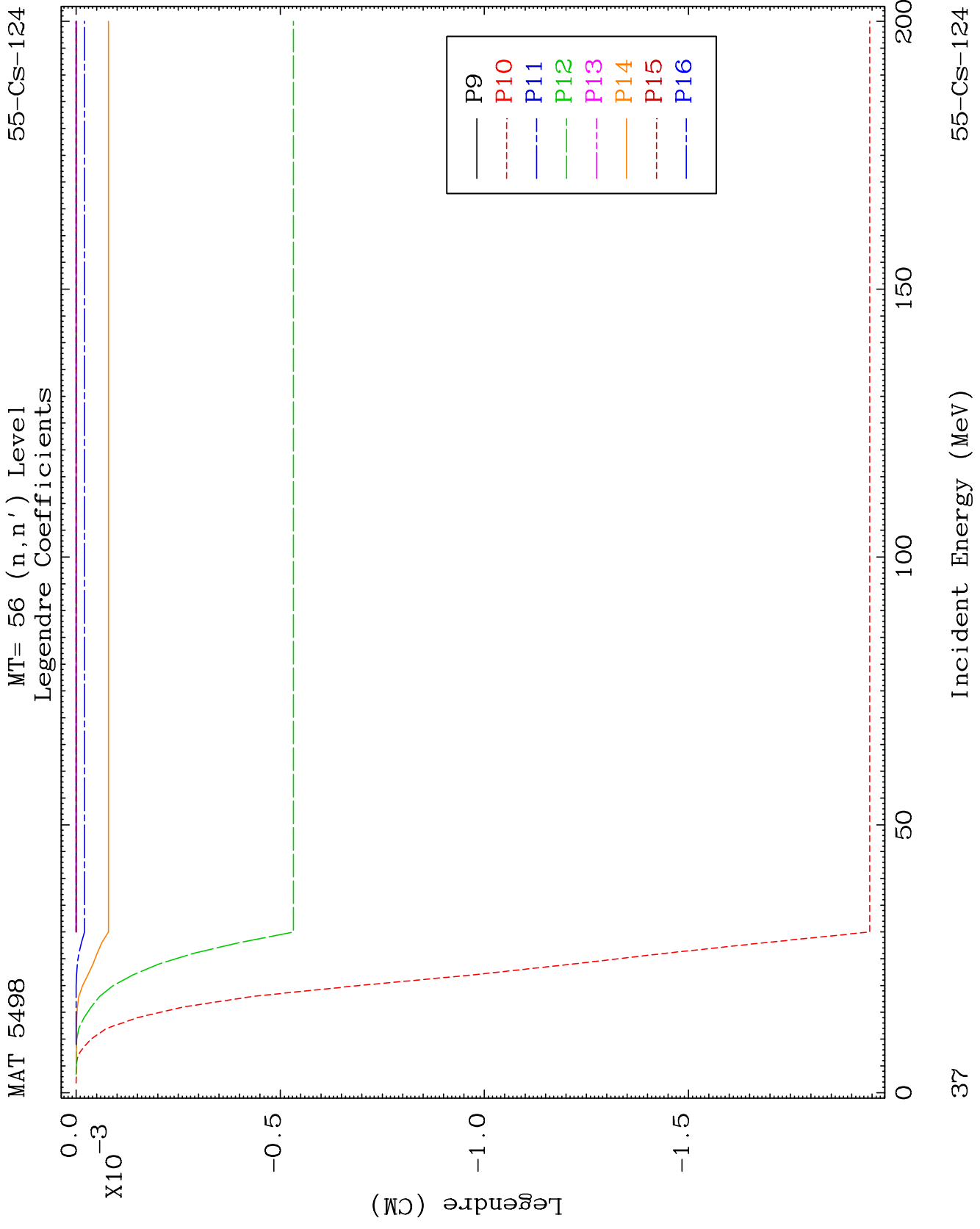
55-Cs-124



55-Cs-124

Incident Energy (MeV)

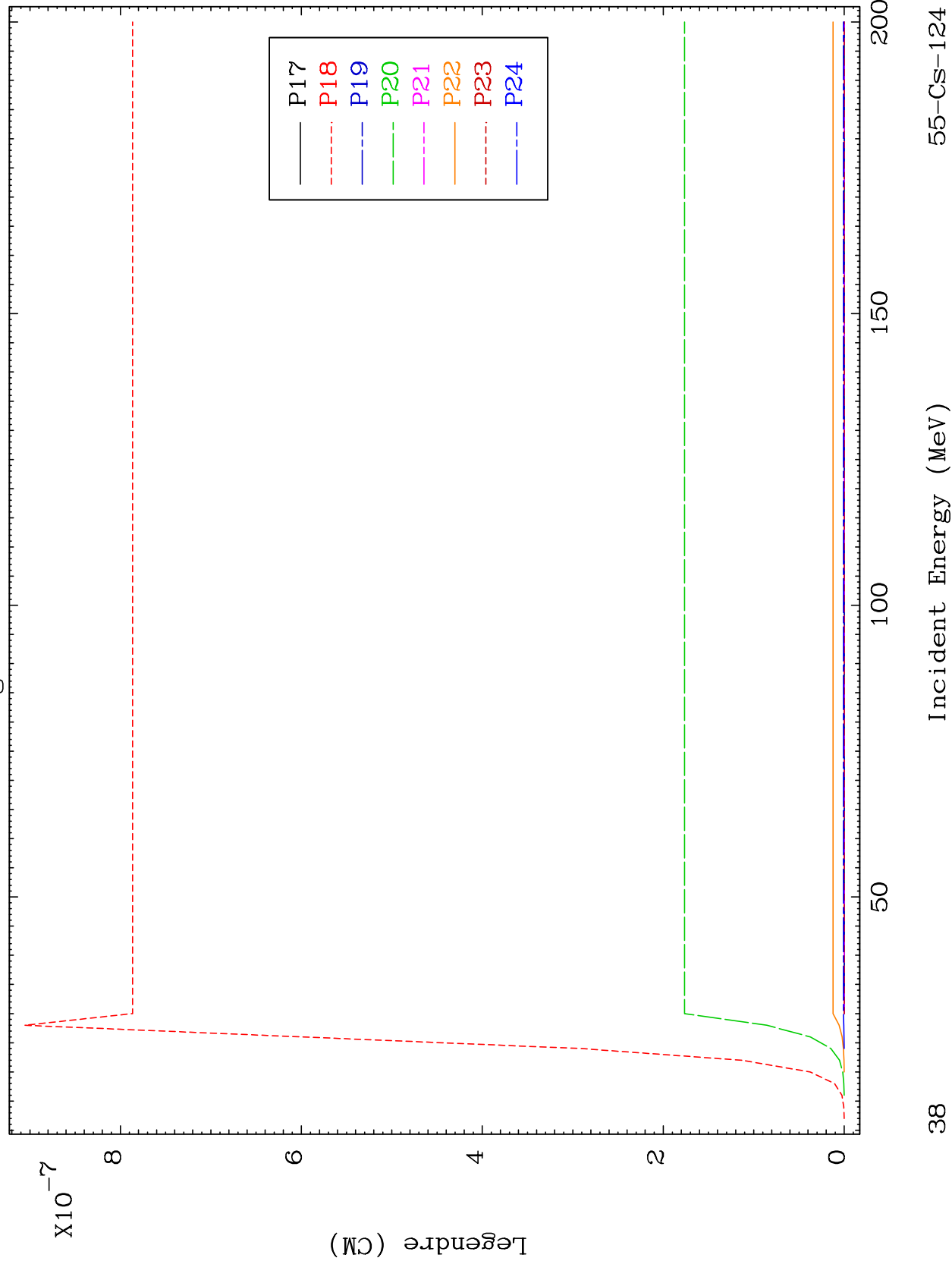
36



MAT 5498

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

55-Cs-124



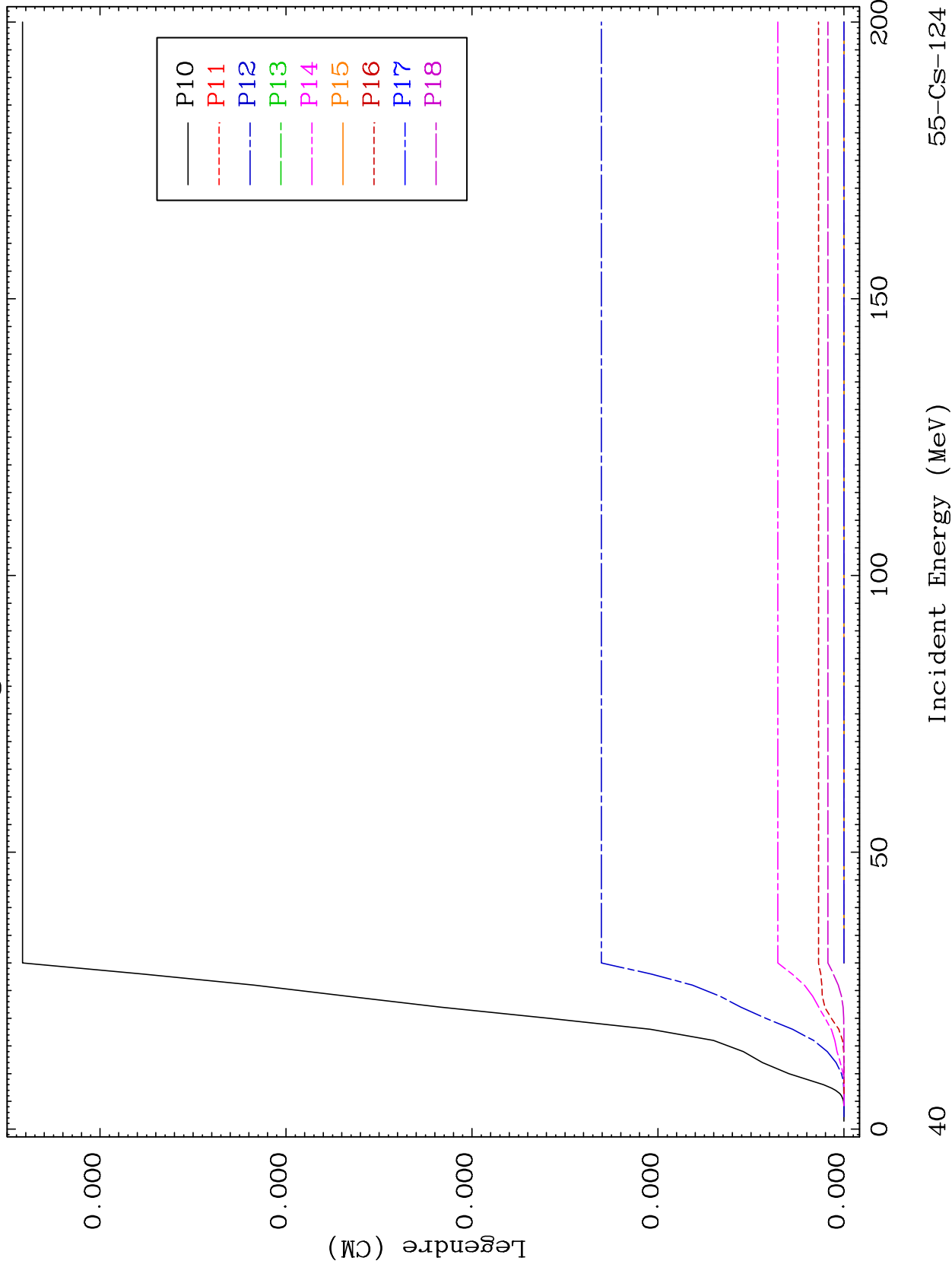




MAT 5498

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

55-Cs-124

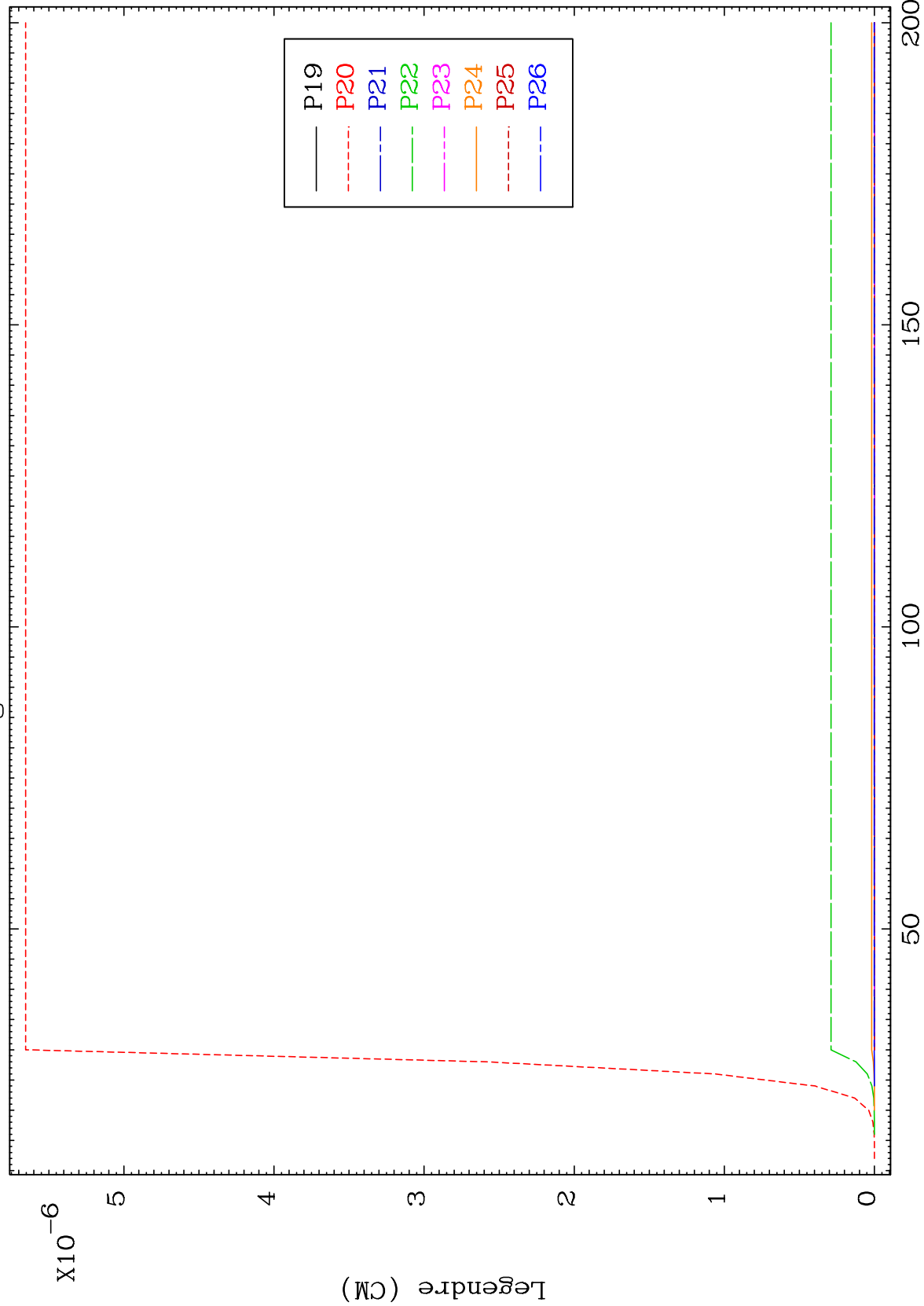


55-Cs-124

MAT 5498

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

55-Cs-124



41

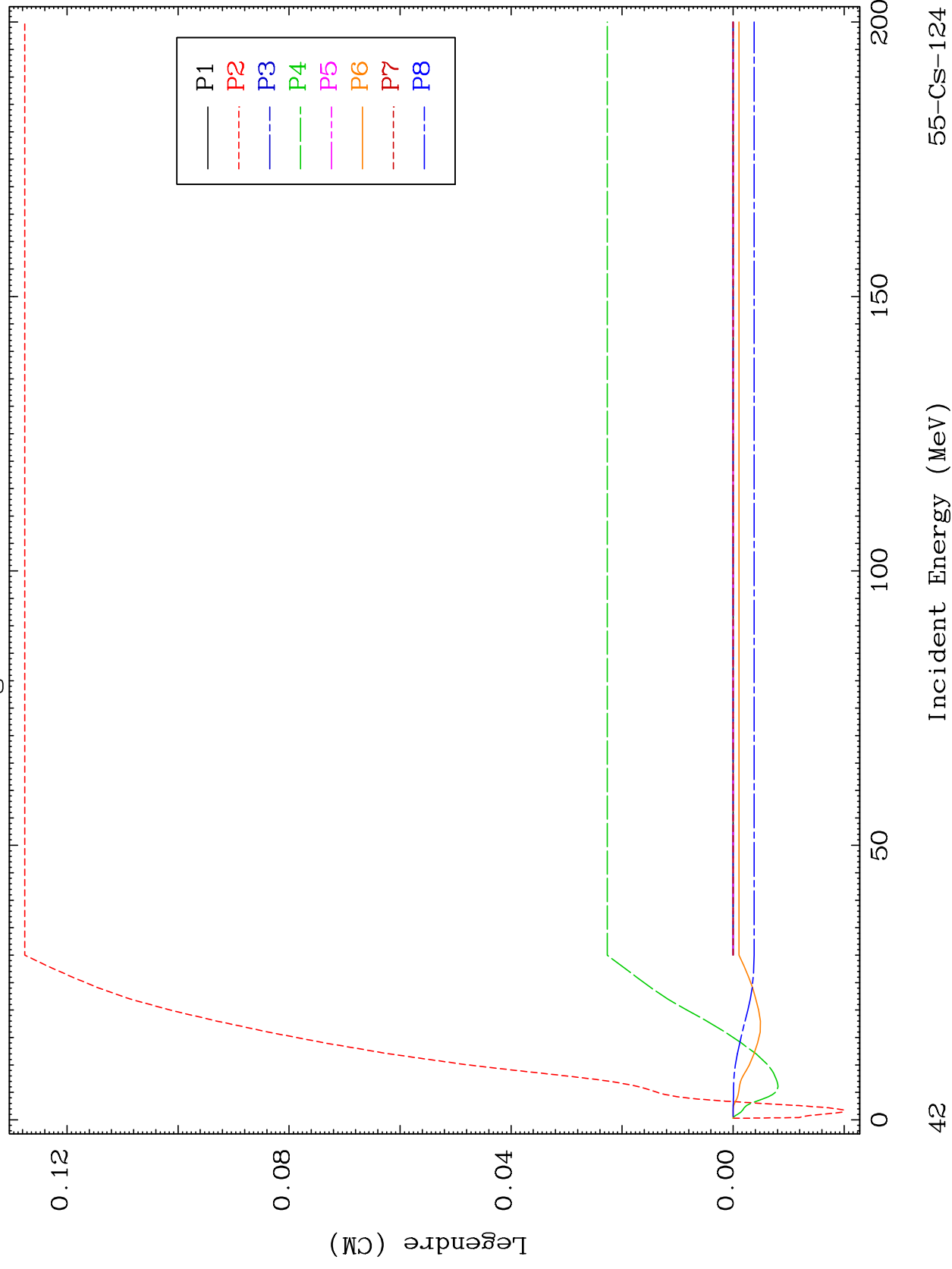
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

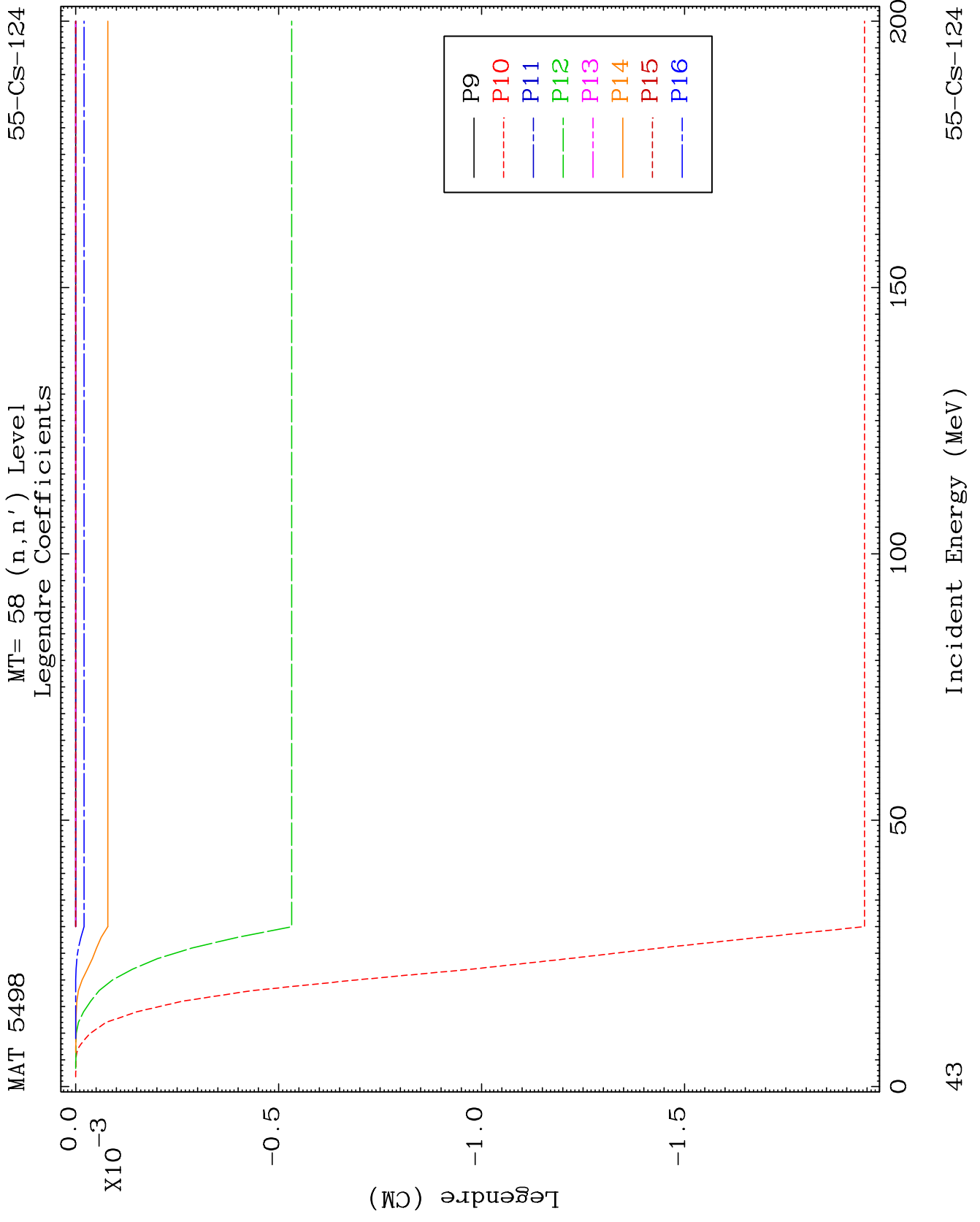
55-Cs-124



55-Cs-124

Incident Energy (MeV)

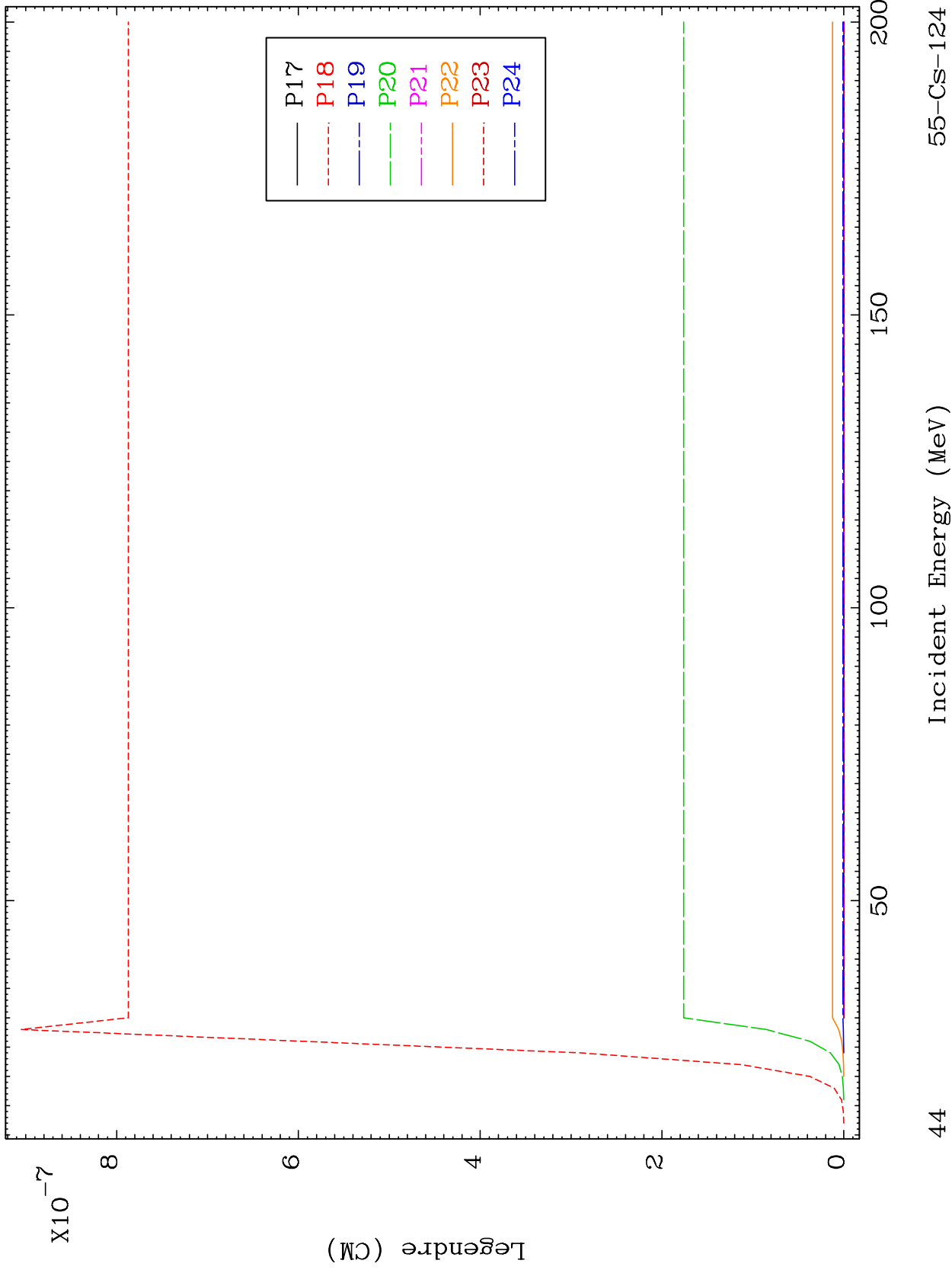
42

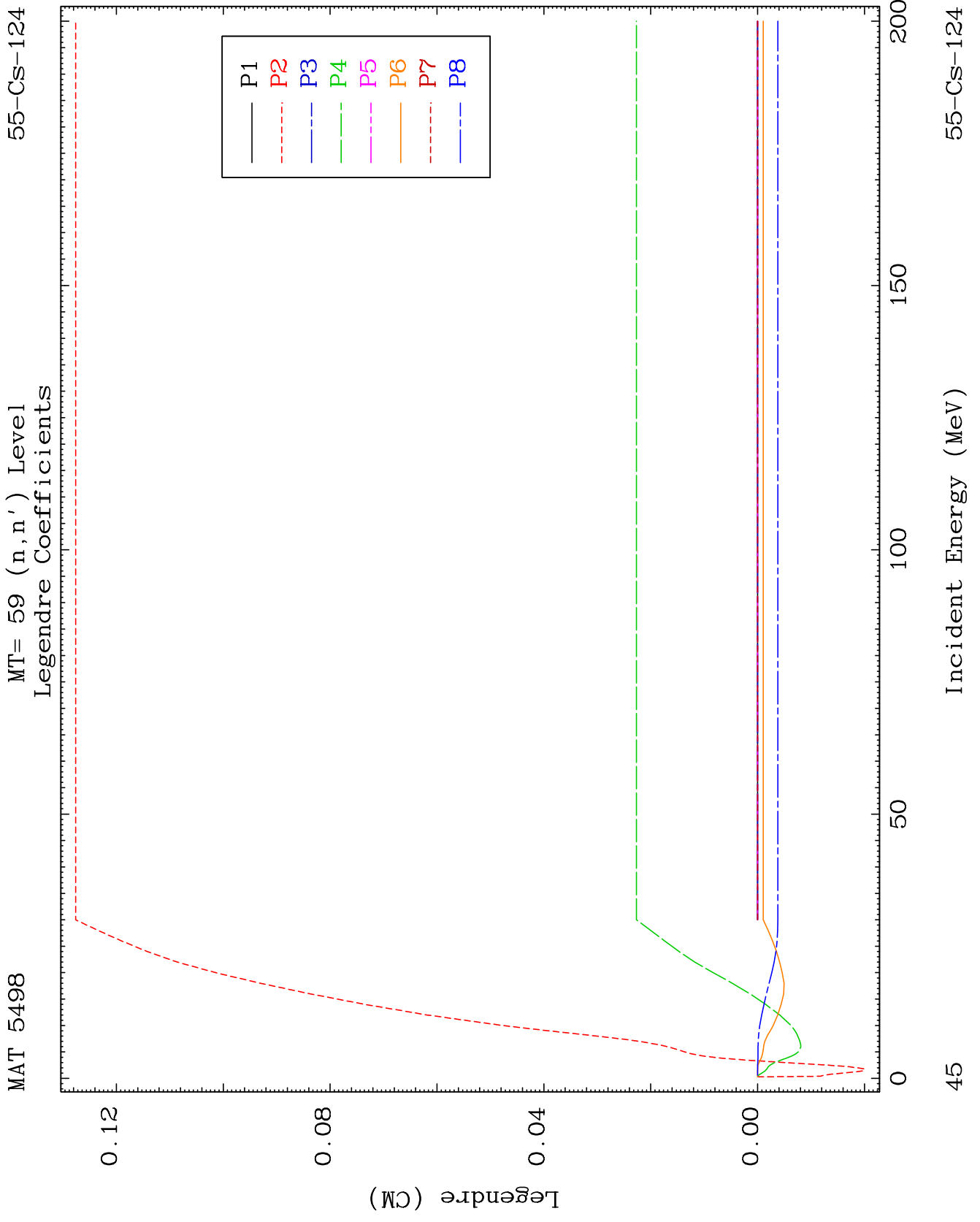


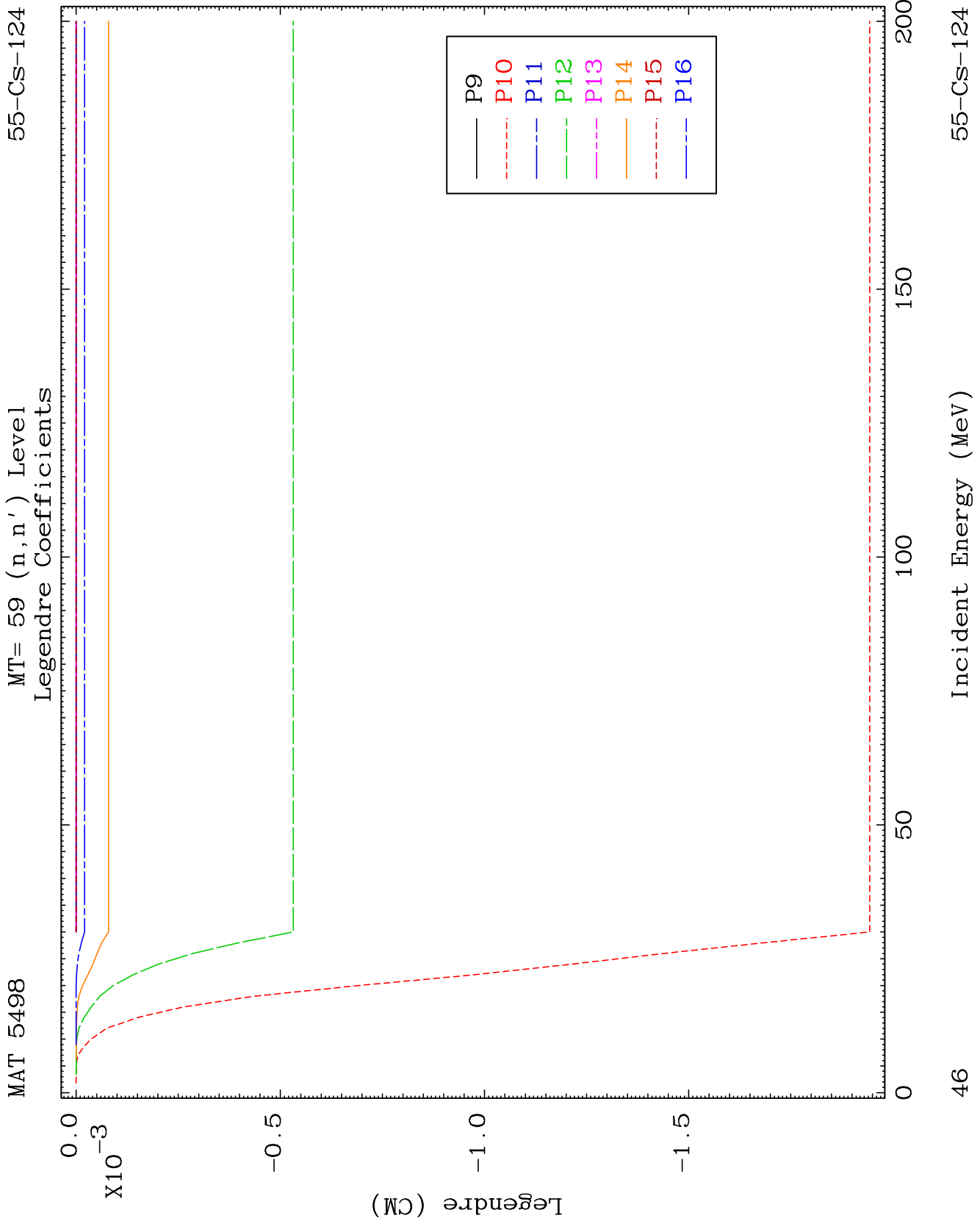
MAT 5498

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

55-Cs-124



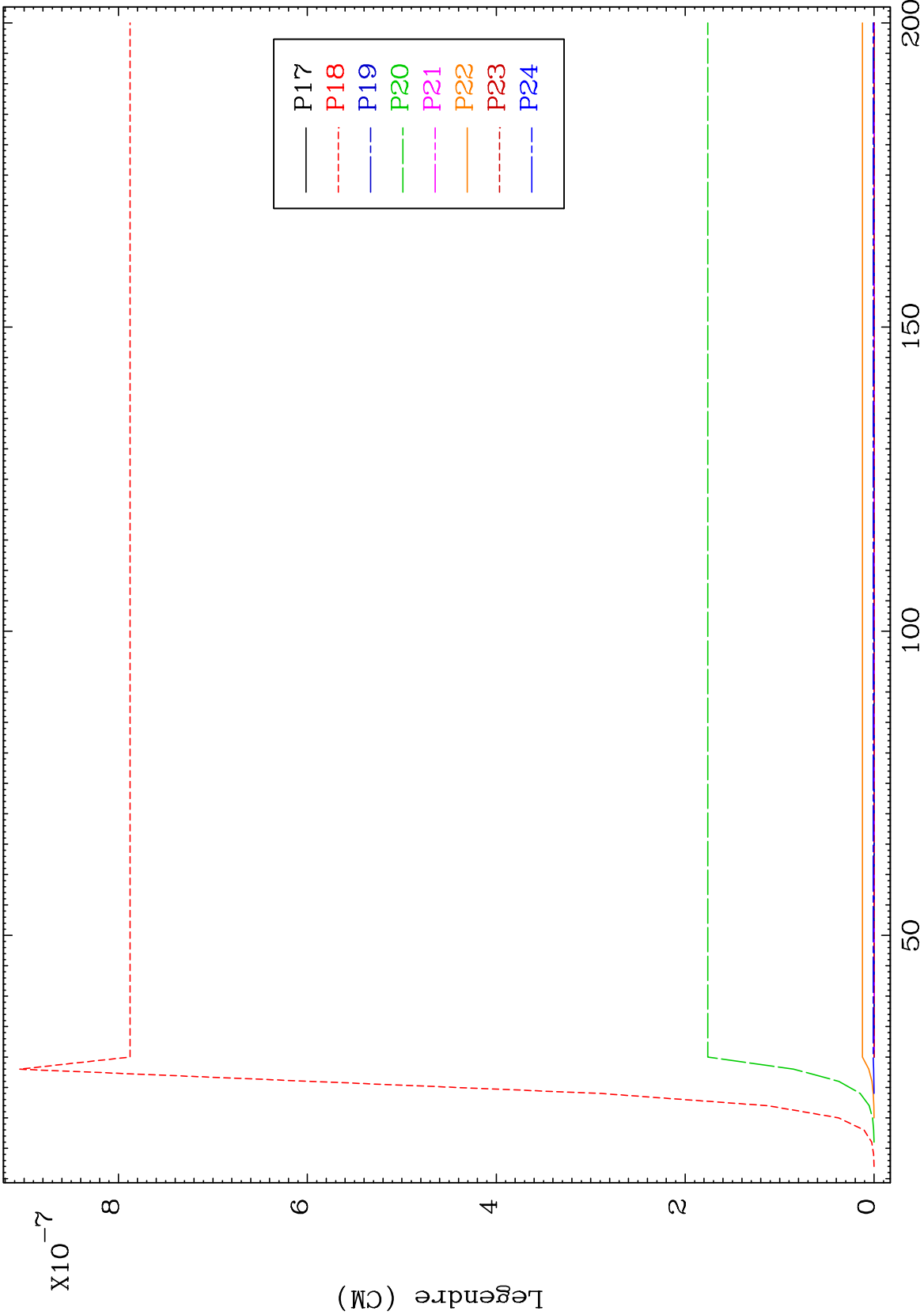




MAT 5498

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

55-Cs-124



47

Incident Energy (MeV)

55-Cs-124

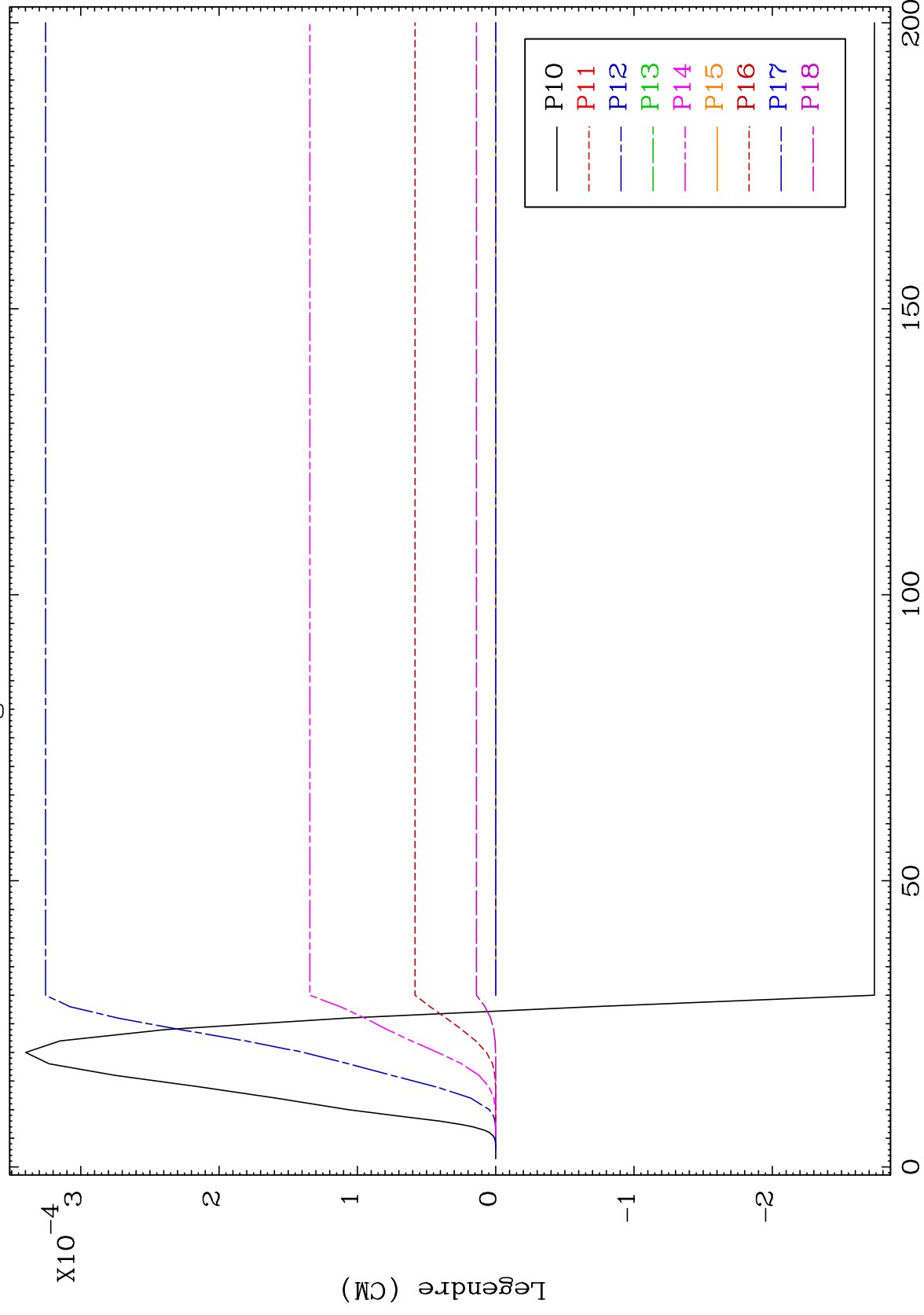




MAT 5498

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

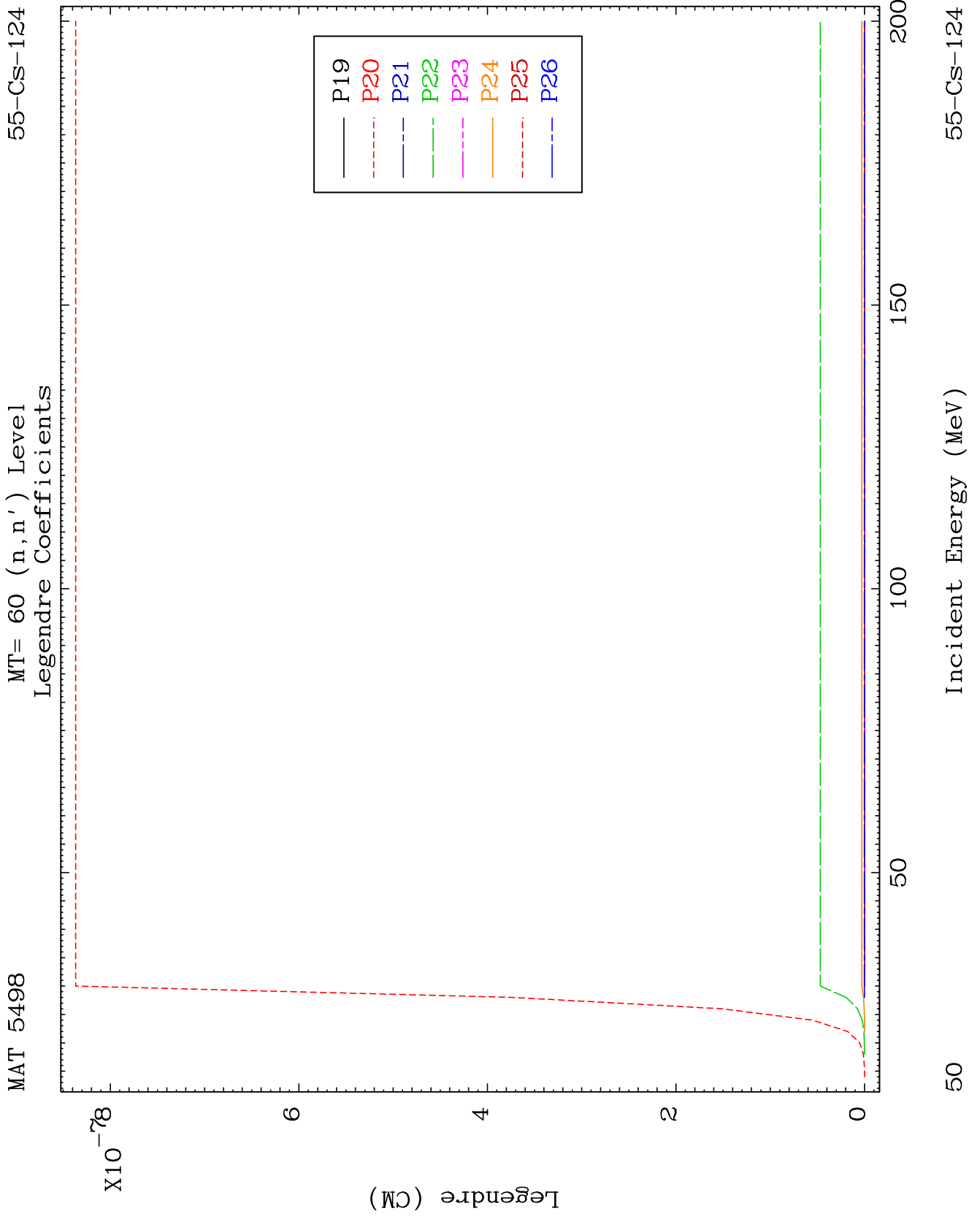
55-Cs-124



49

Incident Energy (MeV)

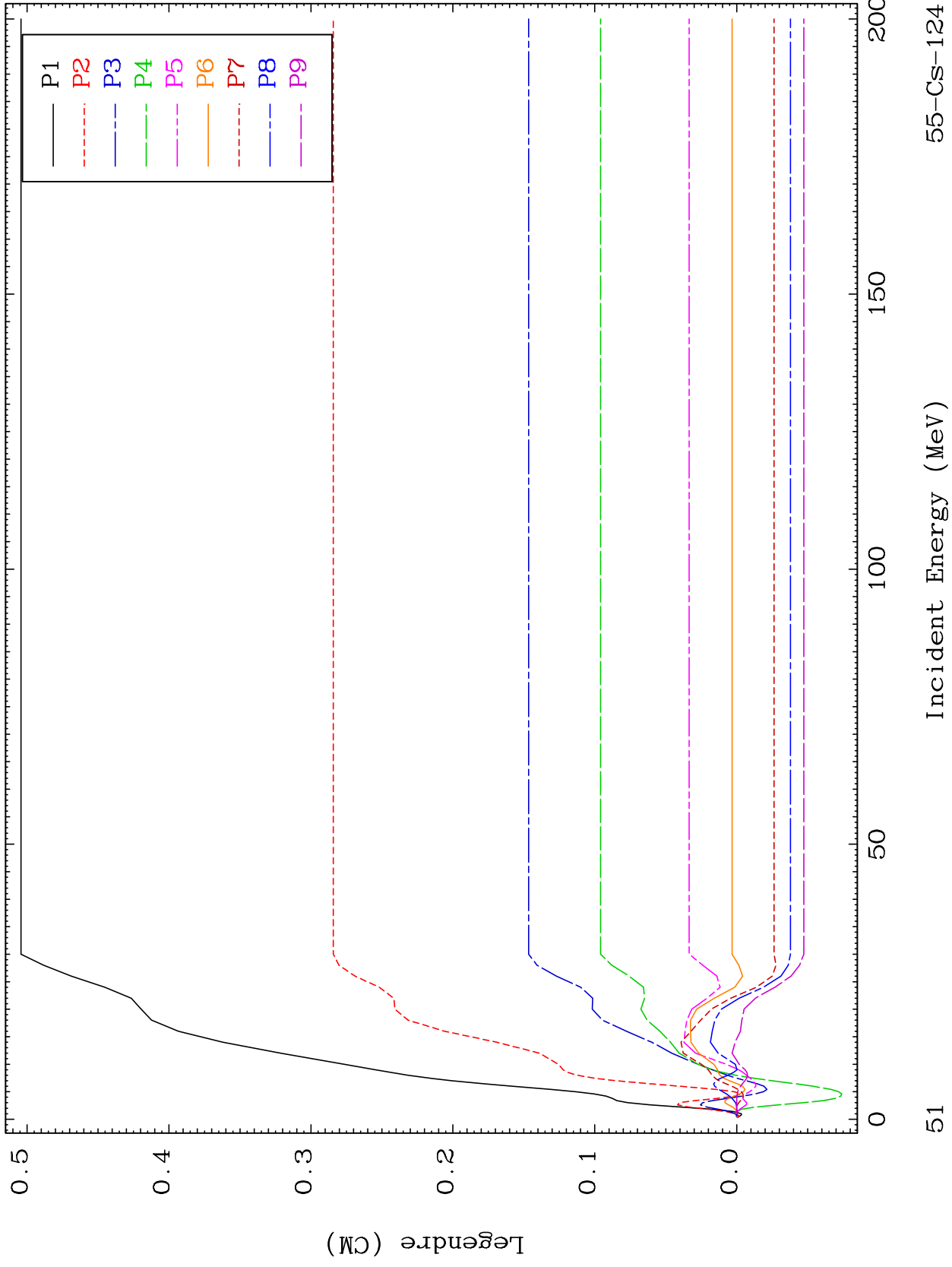
55-Cs-124



MAT 5498

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

55-Cs-124



55-Cs-124

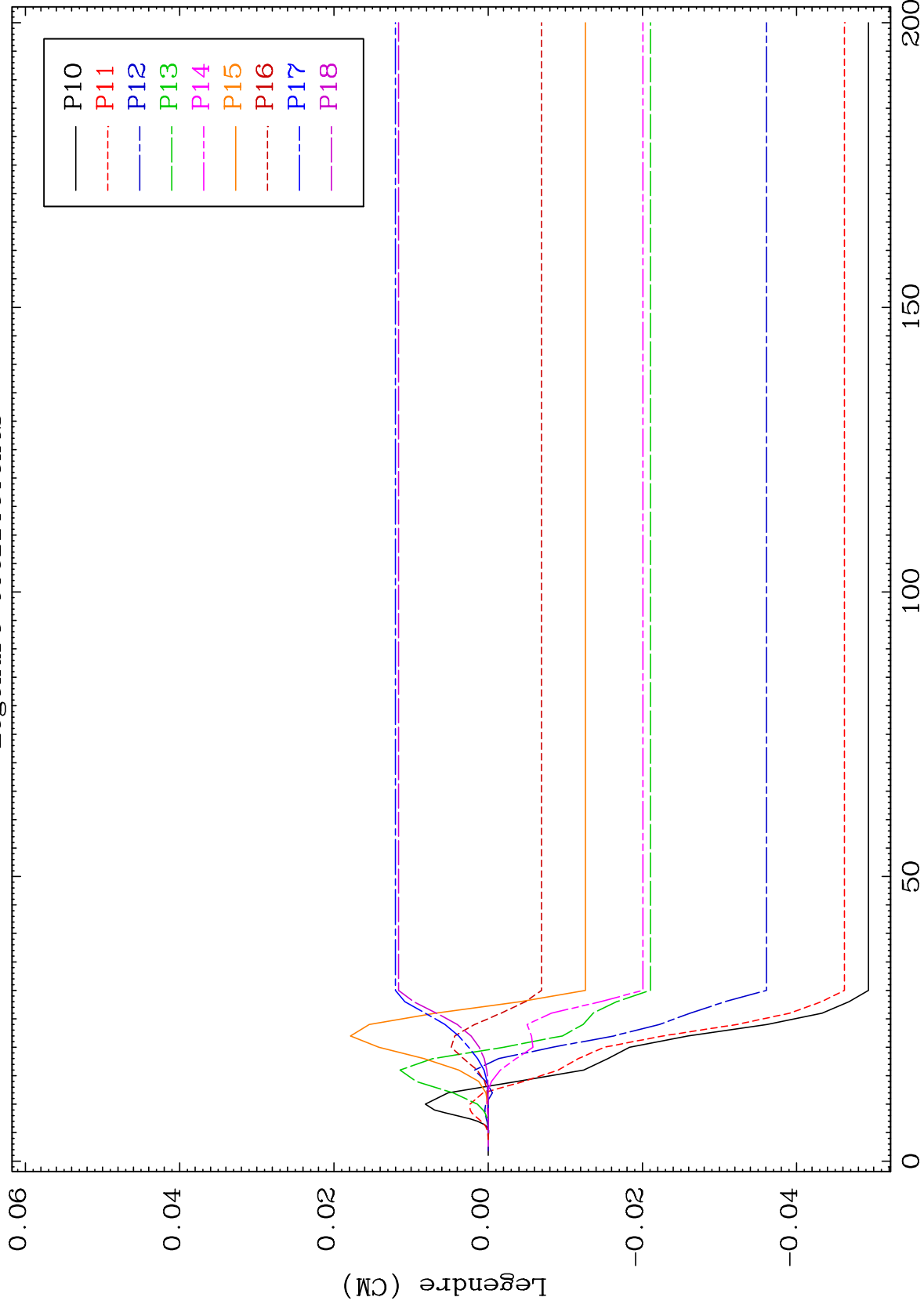
Incident Energy (MeV)

51

MAT 5498

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

55-Cs-124



52

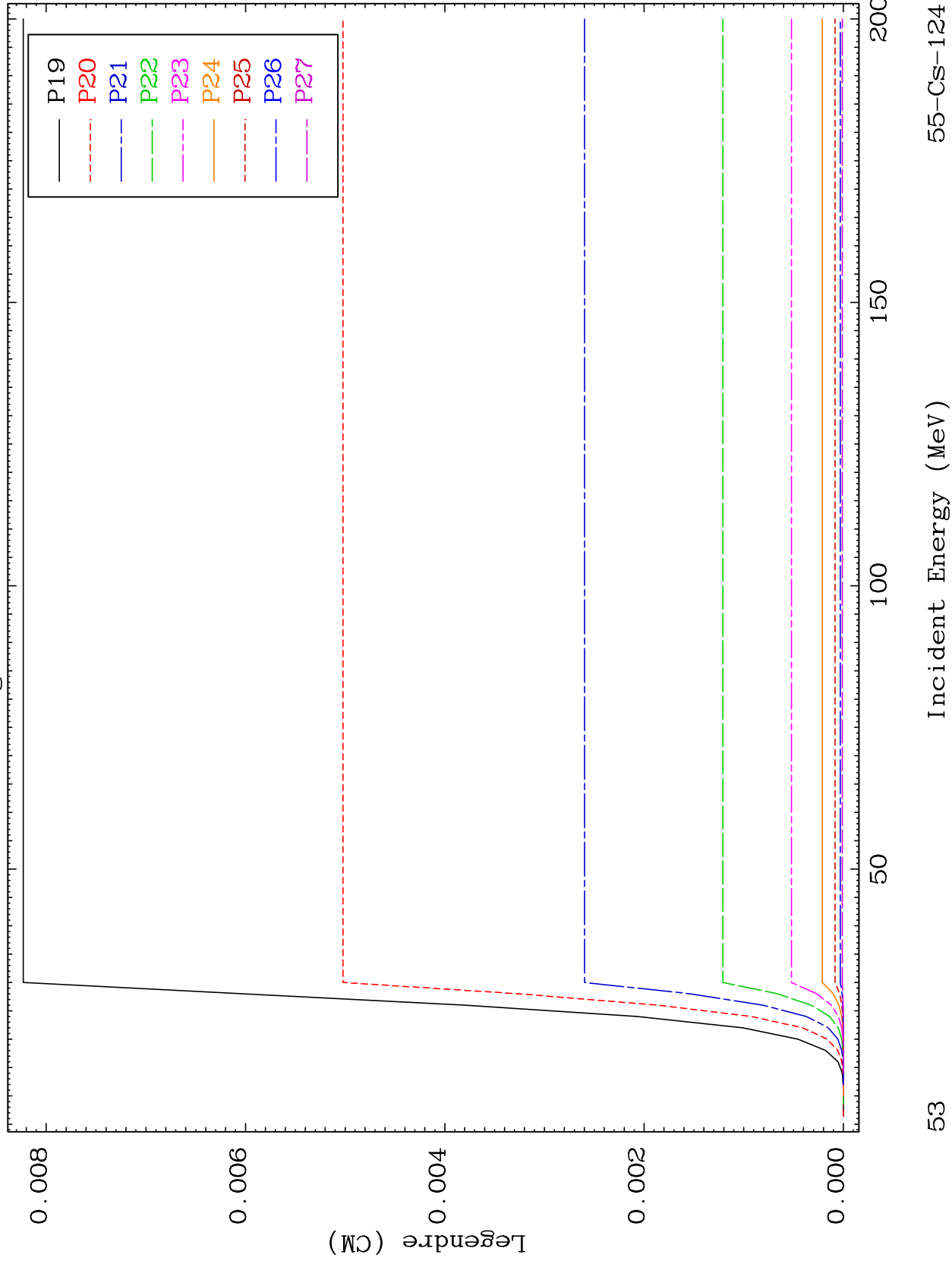
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



53

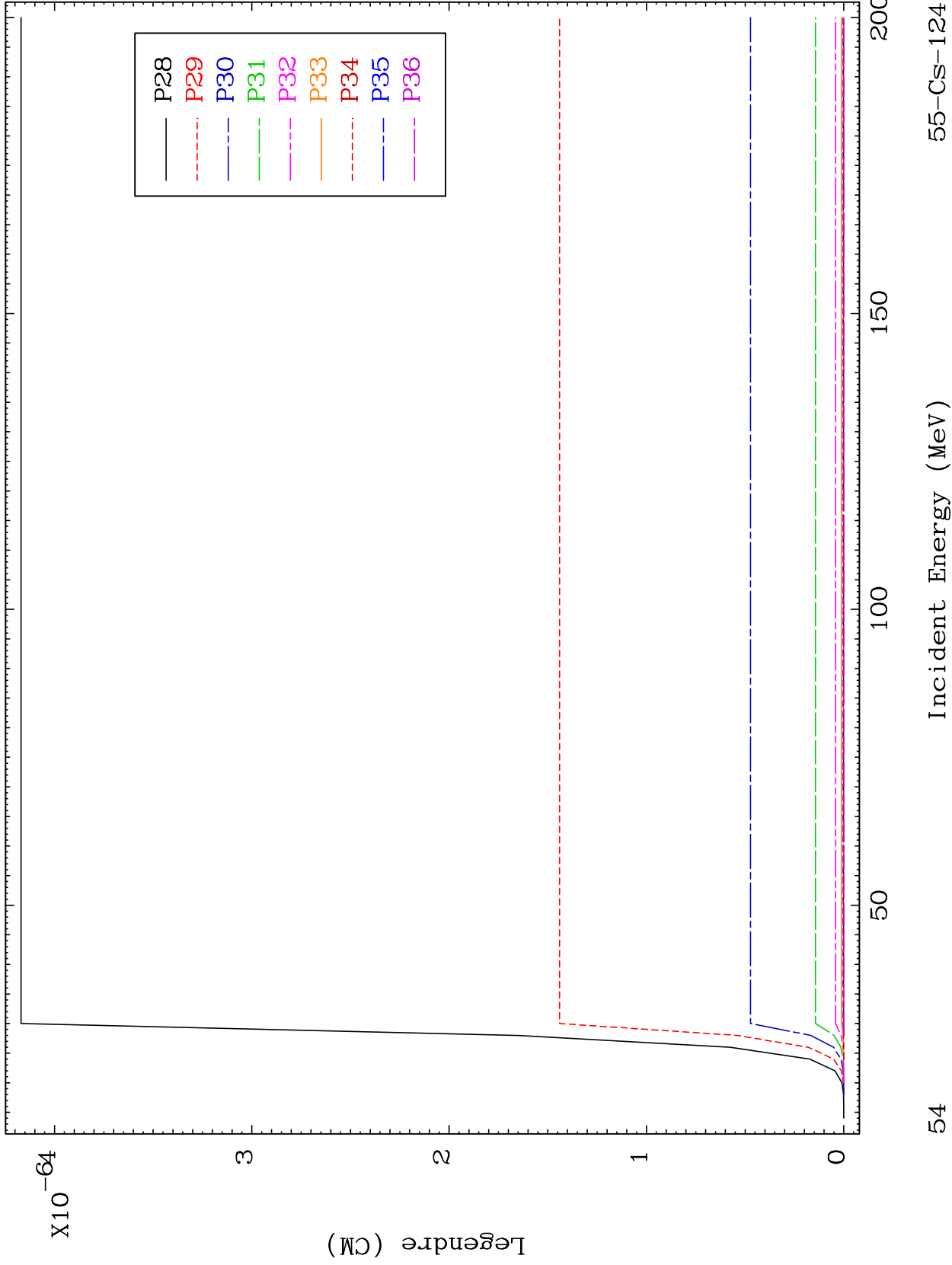
Incident Energy (MeV)

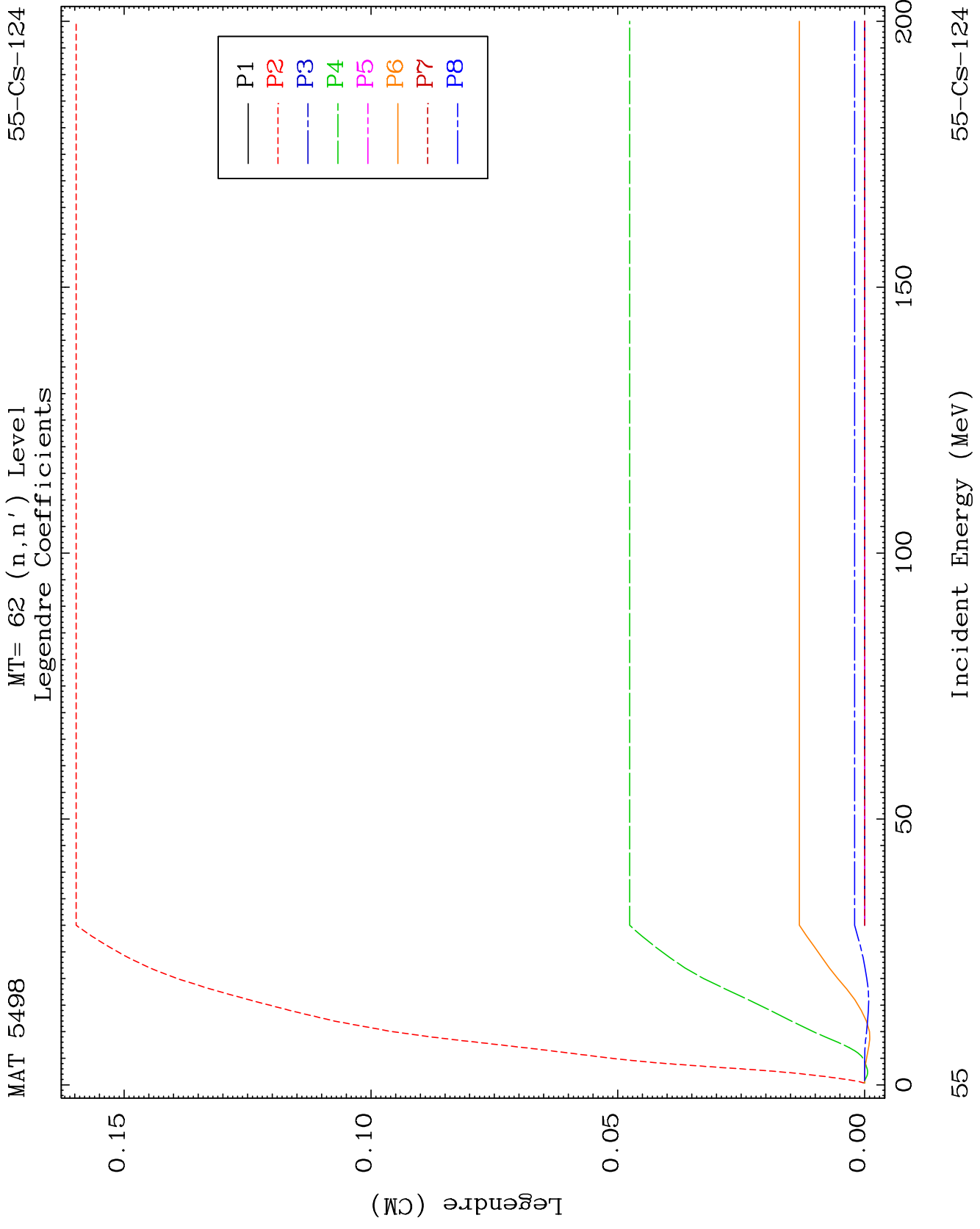
55-Cs-124

MAT 5498

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

55-Cs-124





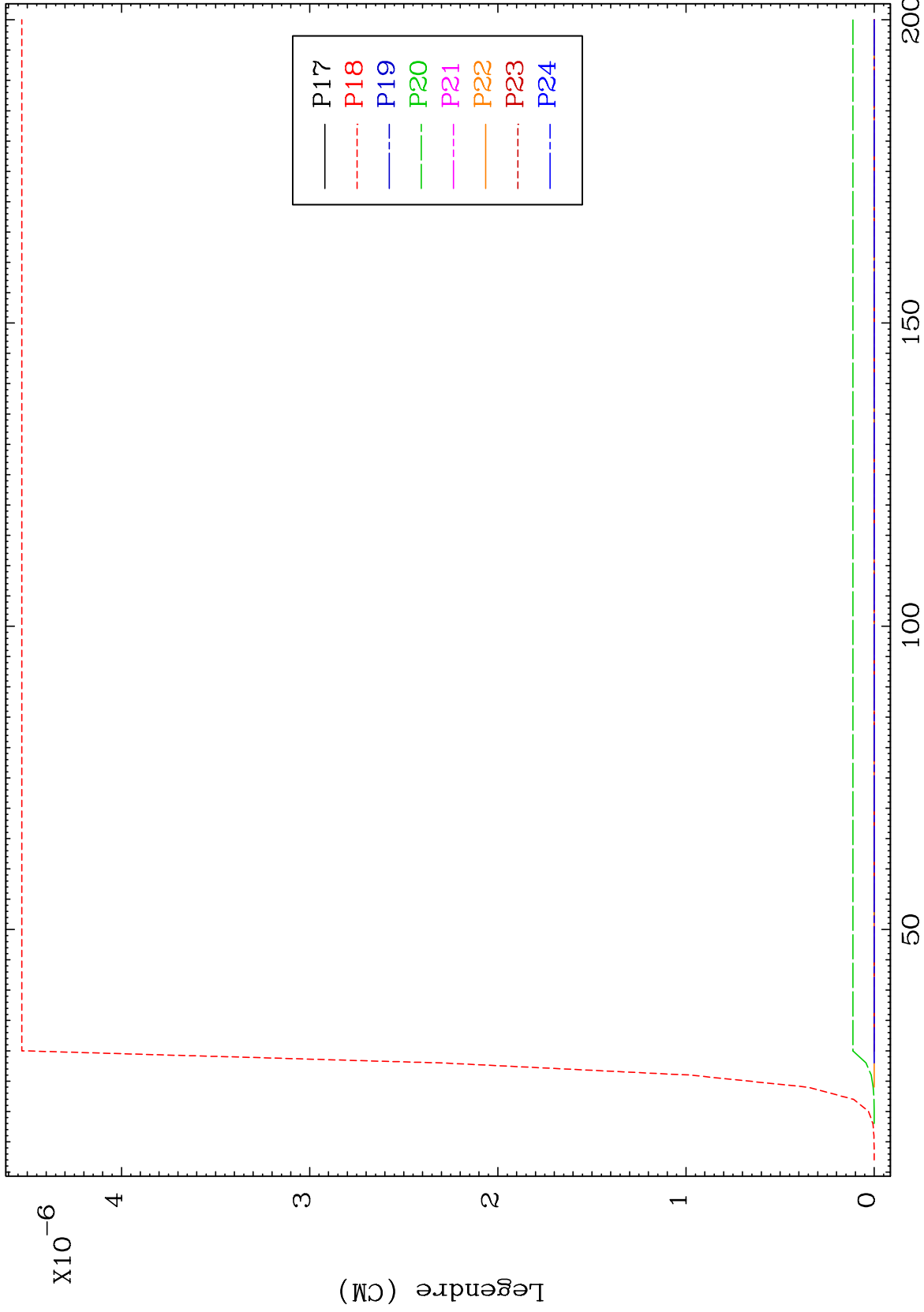




MAT 5498

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

55-Cs-124



57

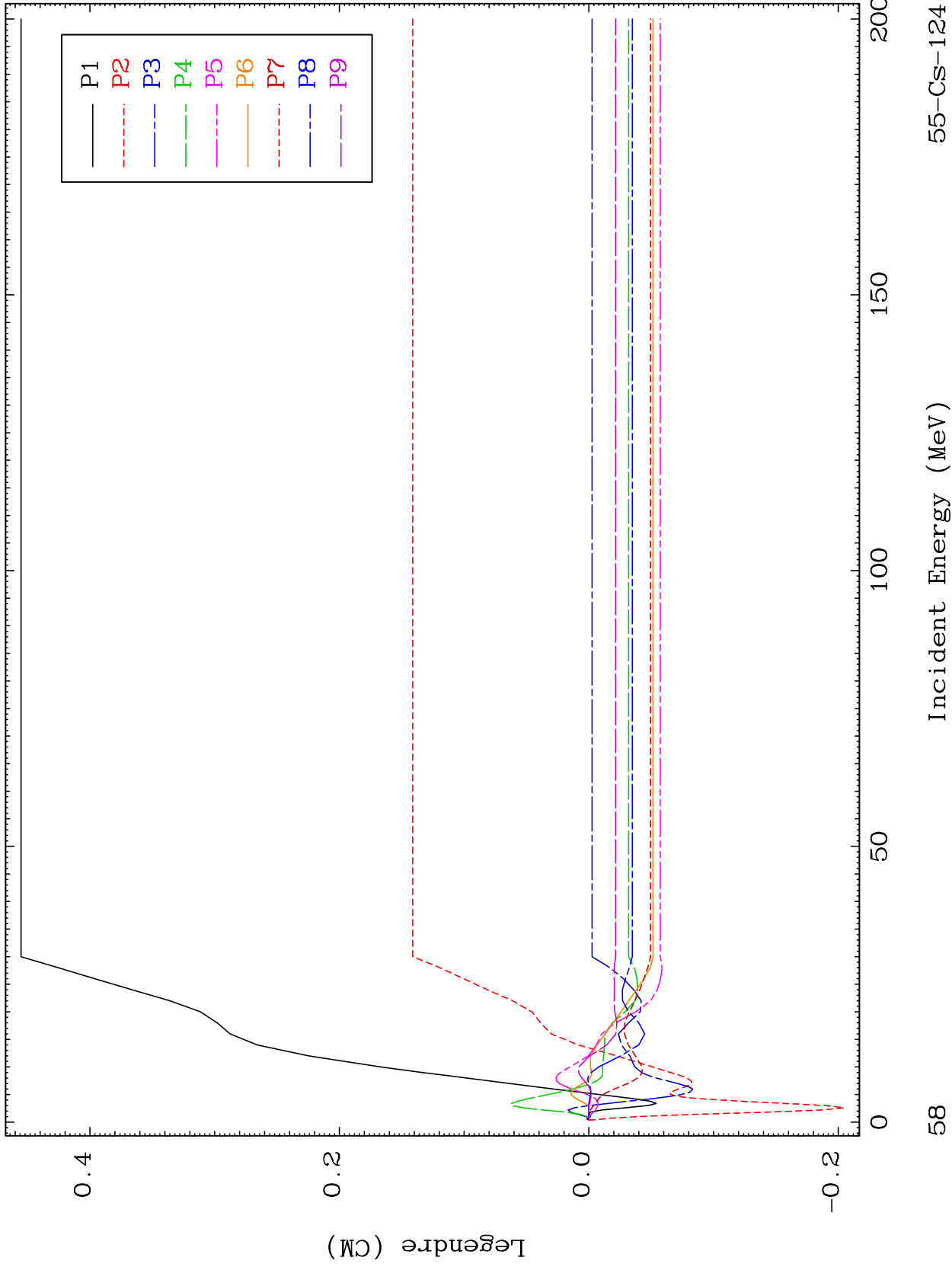
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



55-Cs-124

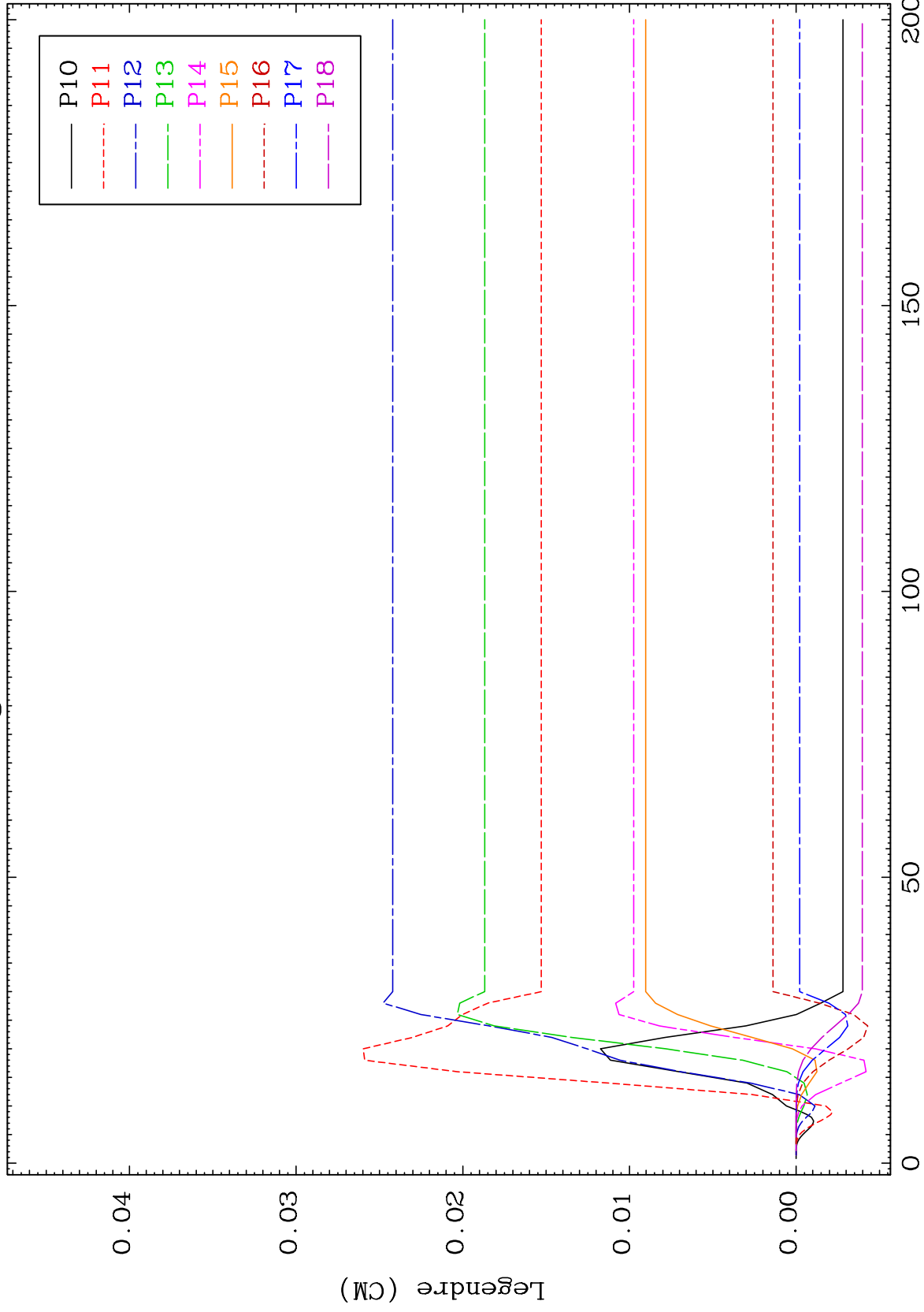
Incident Energy (MeV)

58

MAT 5498

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

55-Cs-124



59

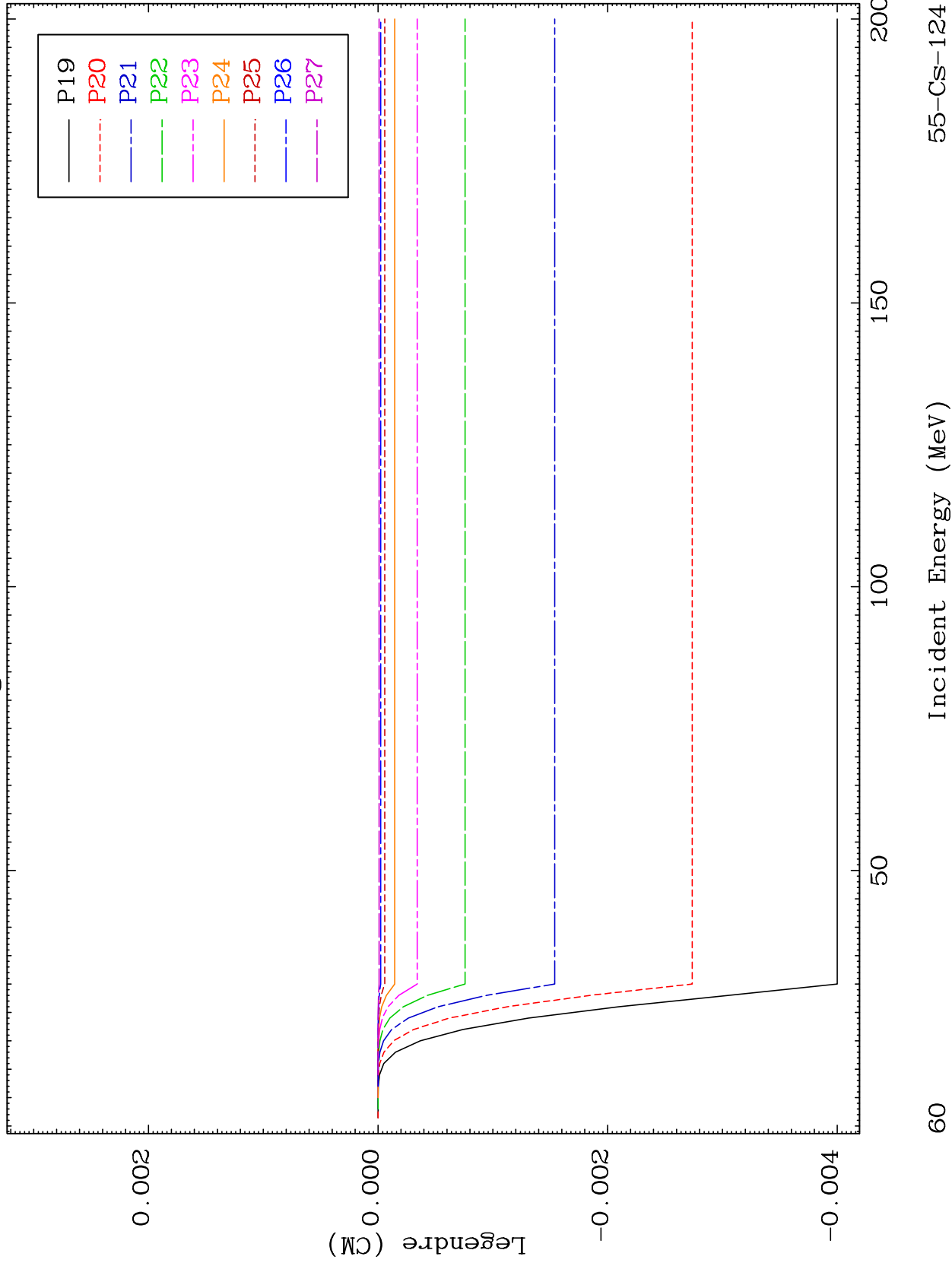
Incident Energy (MeV)

55-Cs-124

MAT 5498

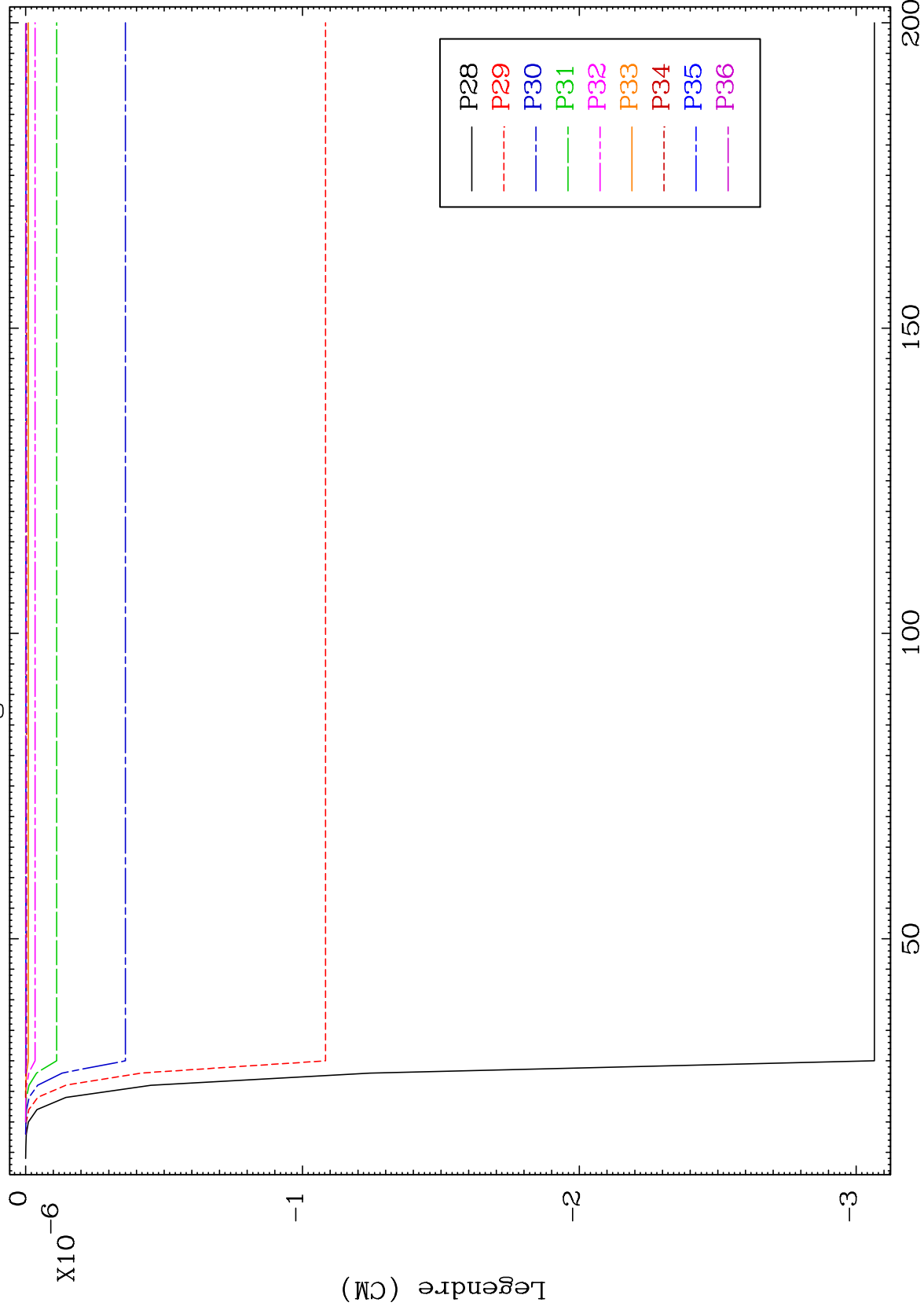
MT= 63 (n,n') Level  
Legendre Coefficients

55-Cs-124



MAT 5498 MT= 63 (n,n') Level 55-Cs-124

Legendre Coefficients

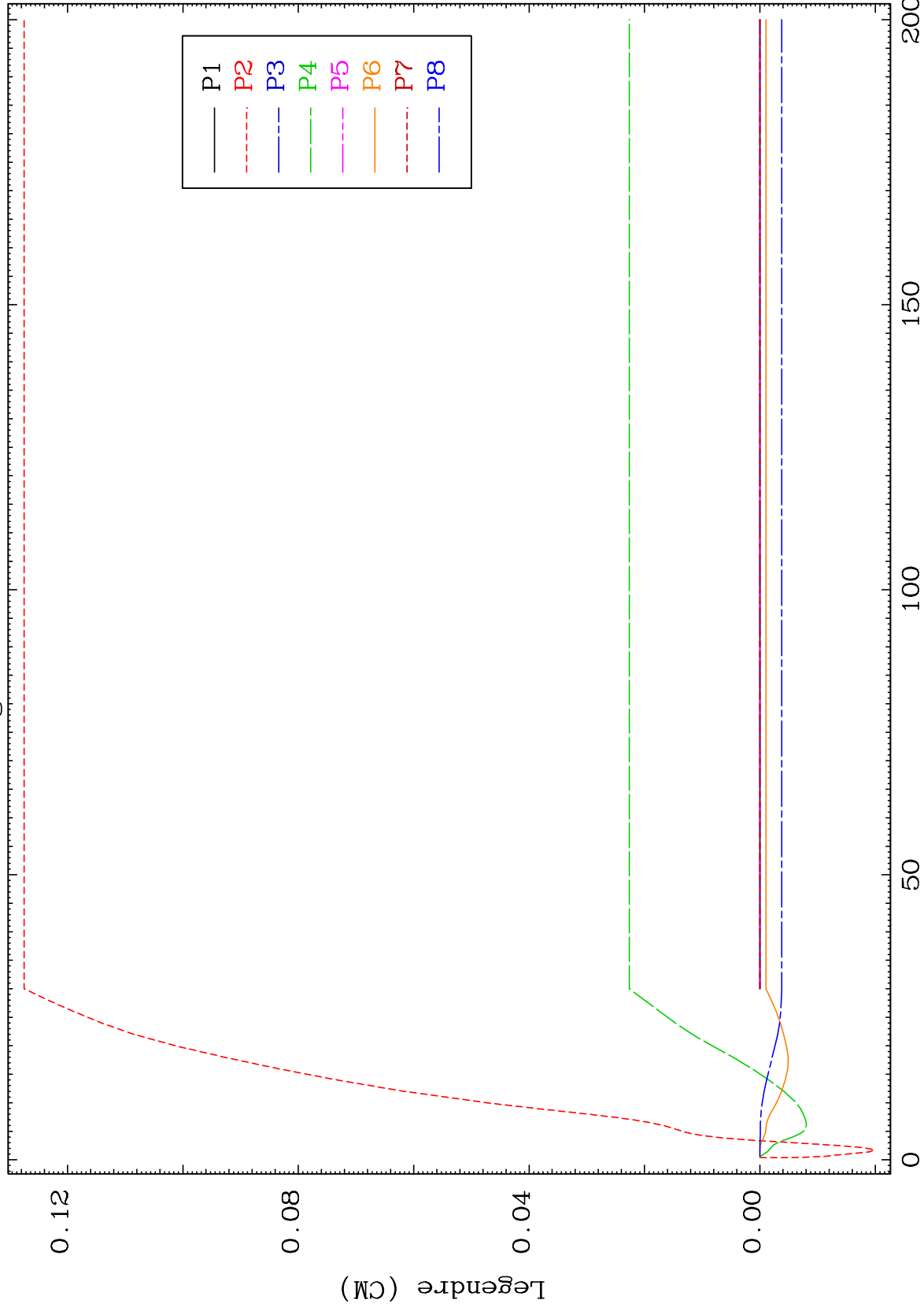


61 55-Cs-124

MAT 5498

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

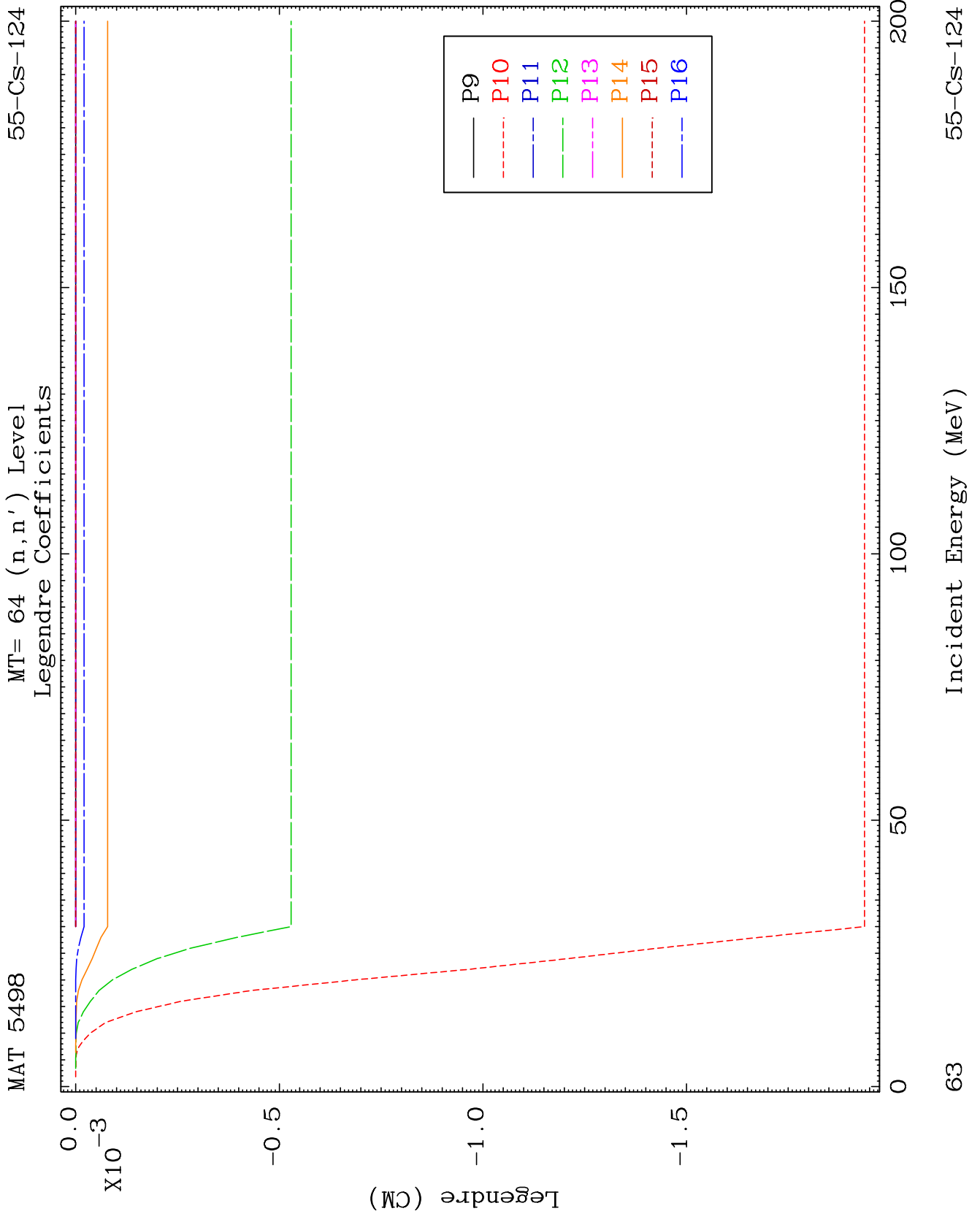
55-Cs-124



55-Cs-124

Incident Energy (MeV)

62

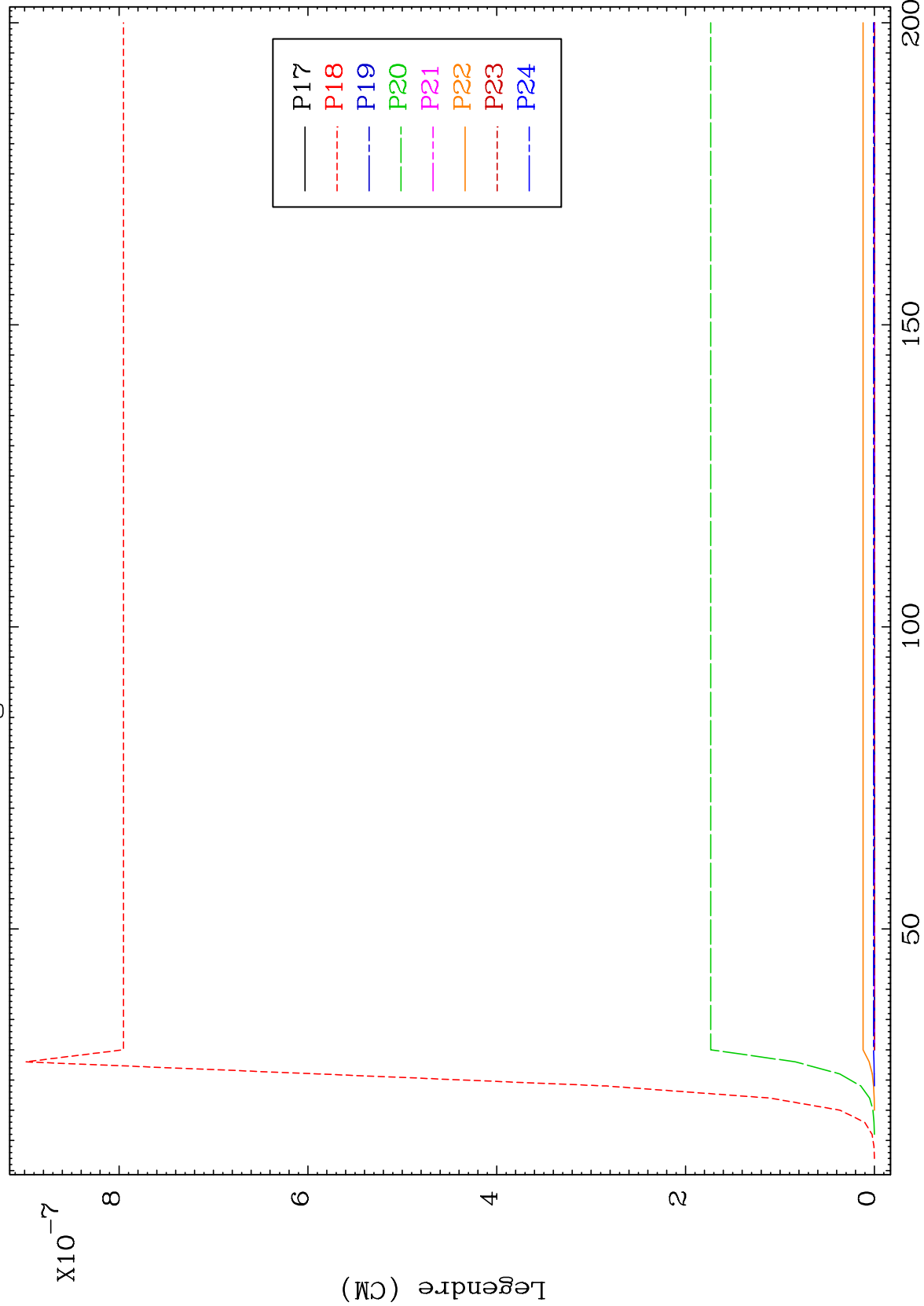




MAT 5498

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

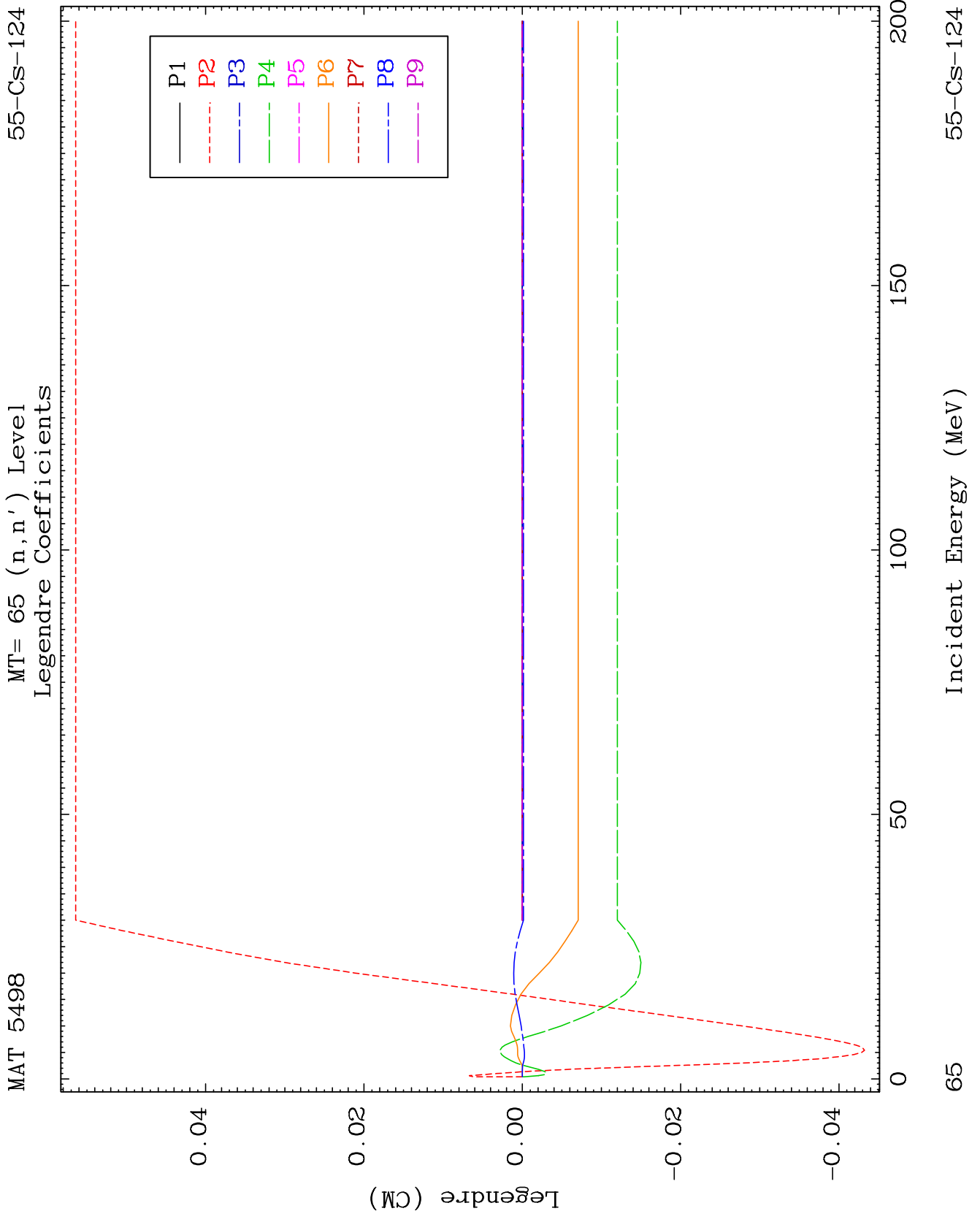
55-Cs-124



64

Incident Energy (MeV)

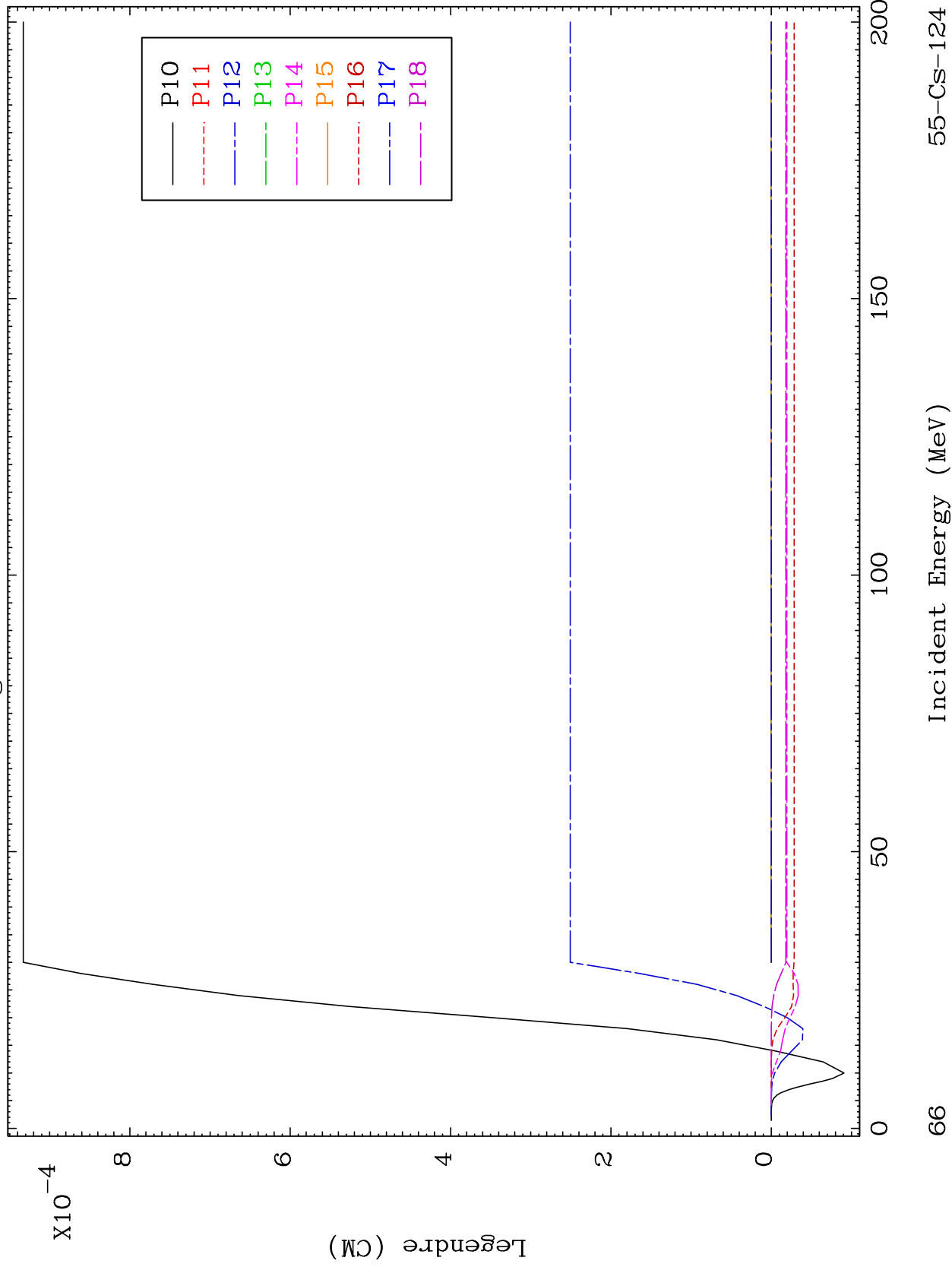
55-Cs-124



MAT 5498

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

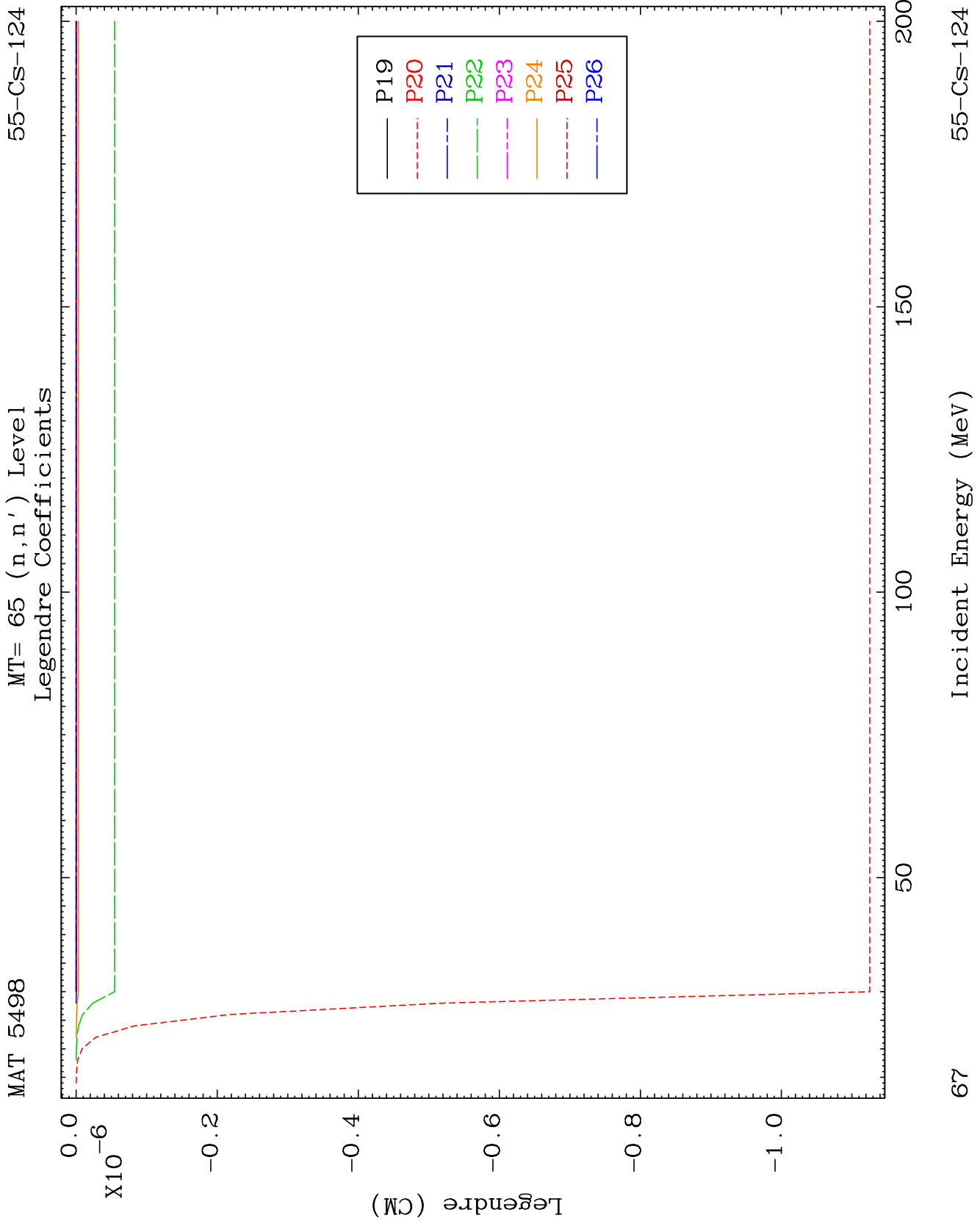
55-Cs-124



55-Cs-124

Incident Energy (MeV)

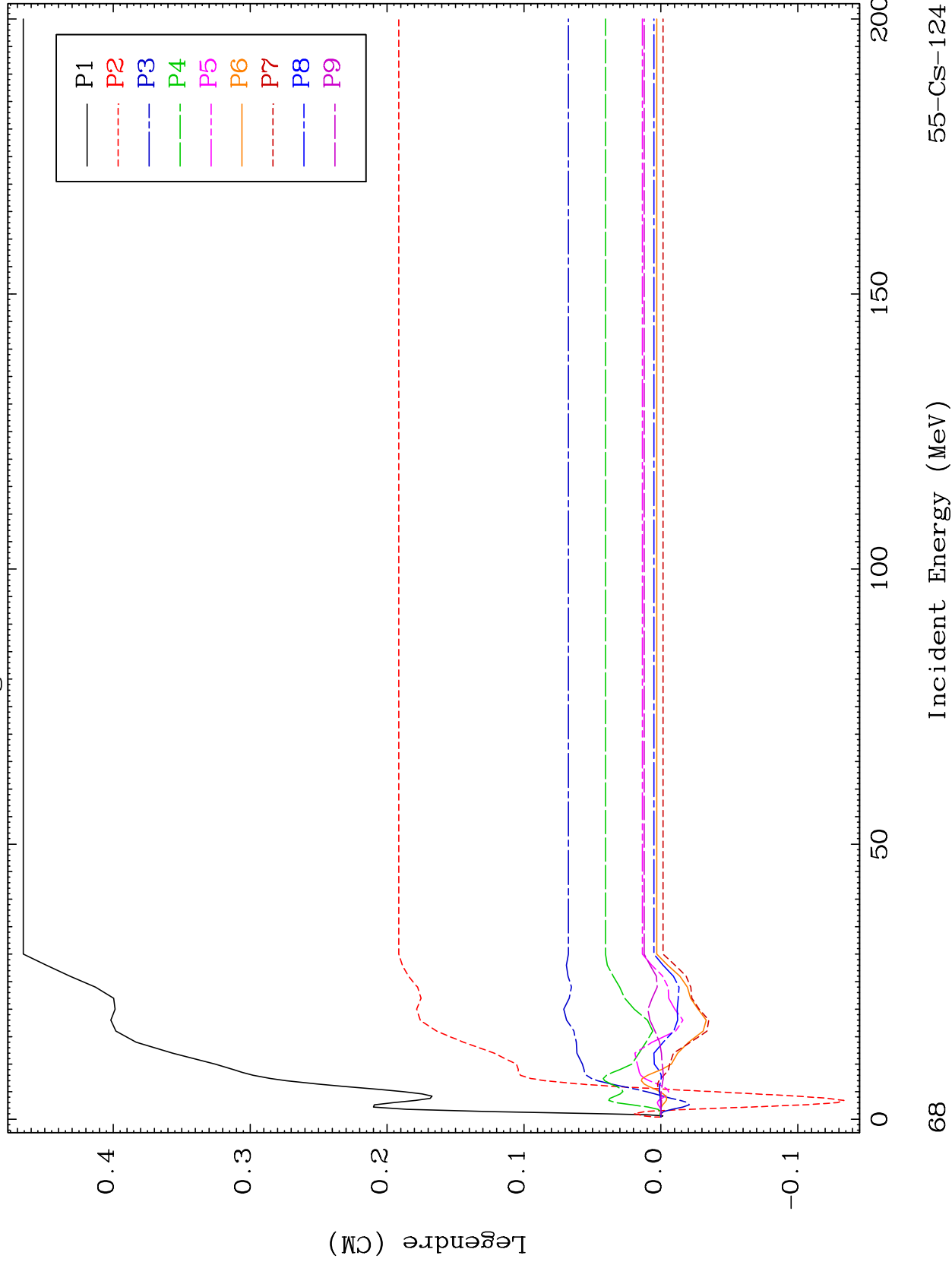
66



MAT 5498

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

55-Cs-124



55-Cs-124

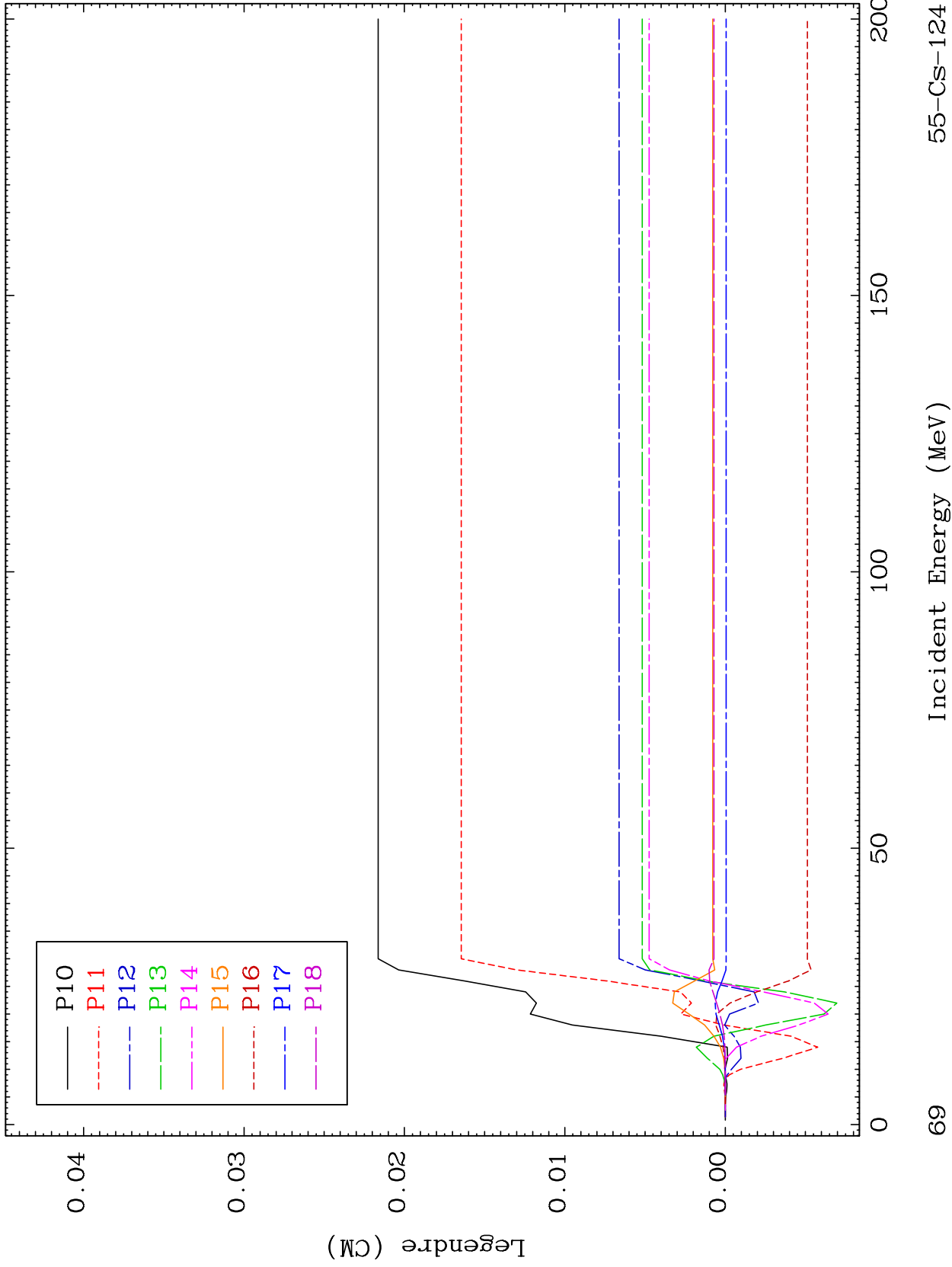
Incident Energy (MeV)

68

MAT 5498

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

55-Cs-124



69

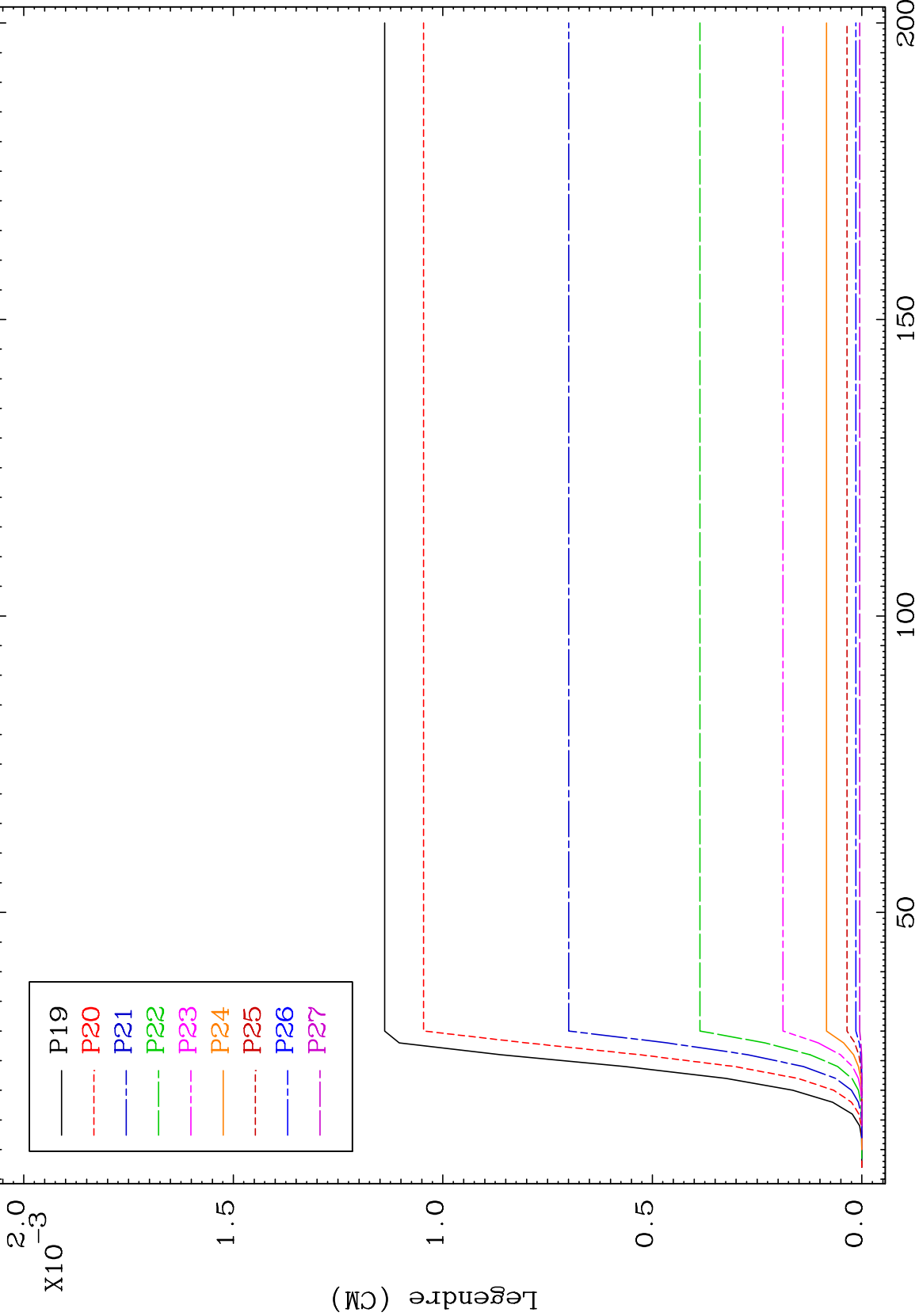
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



70

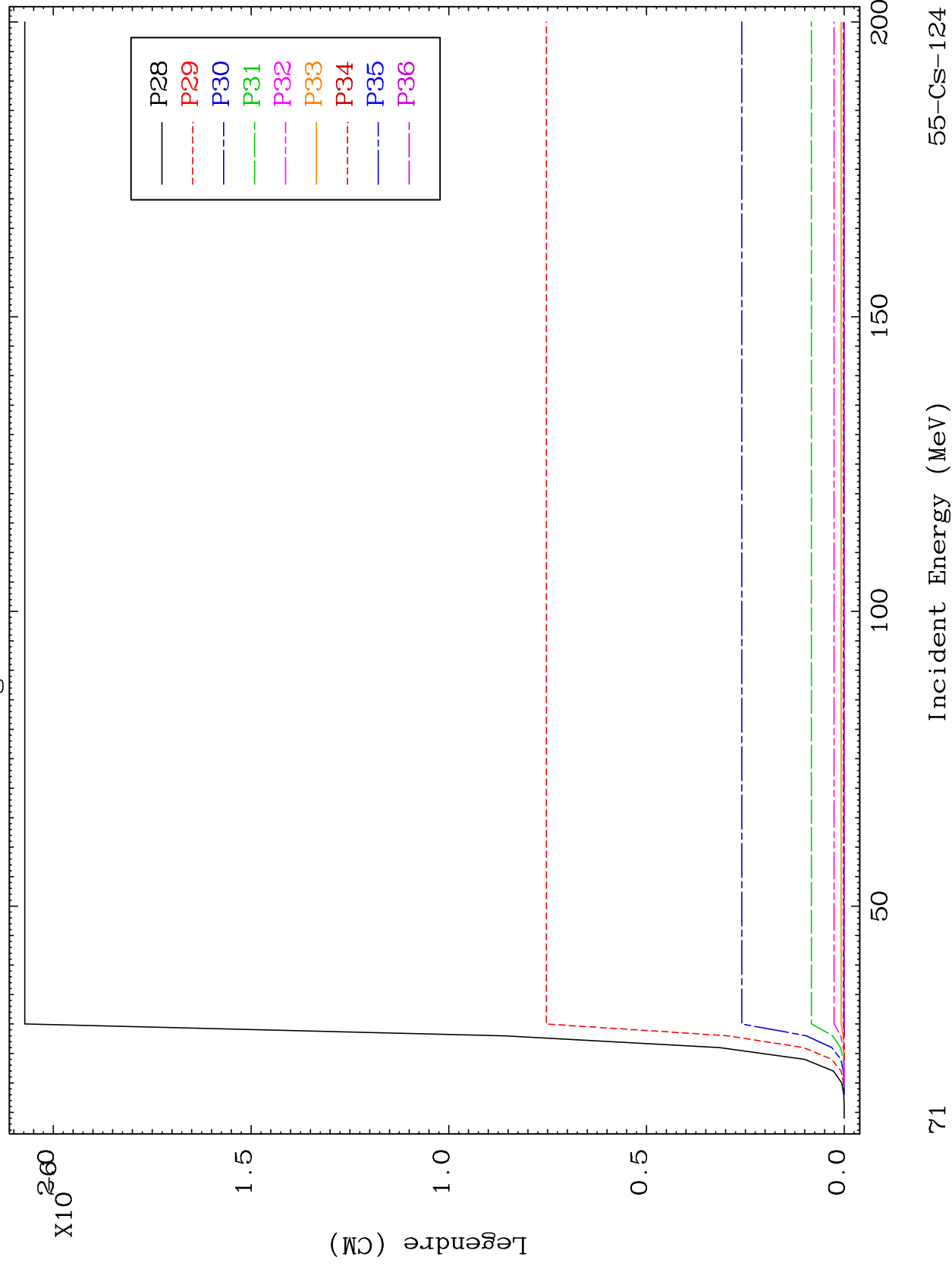
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



71

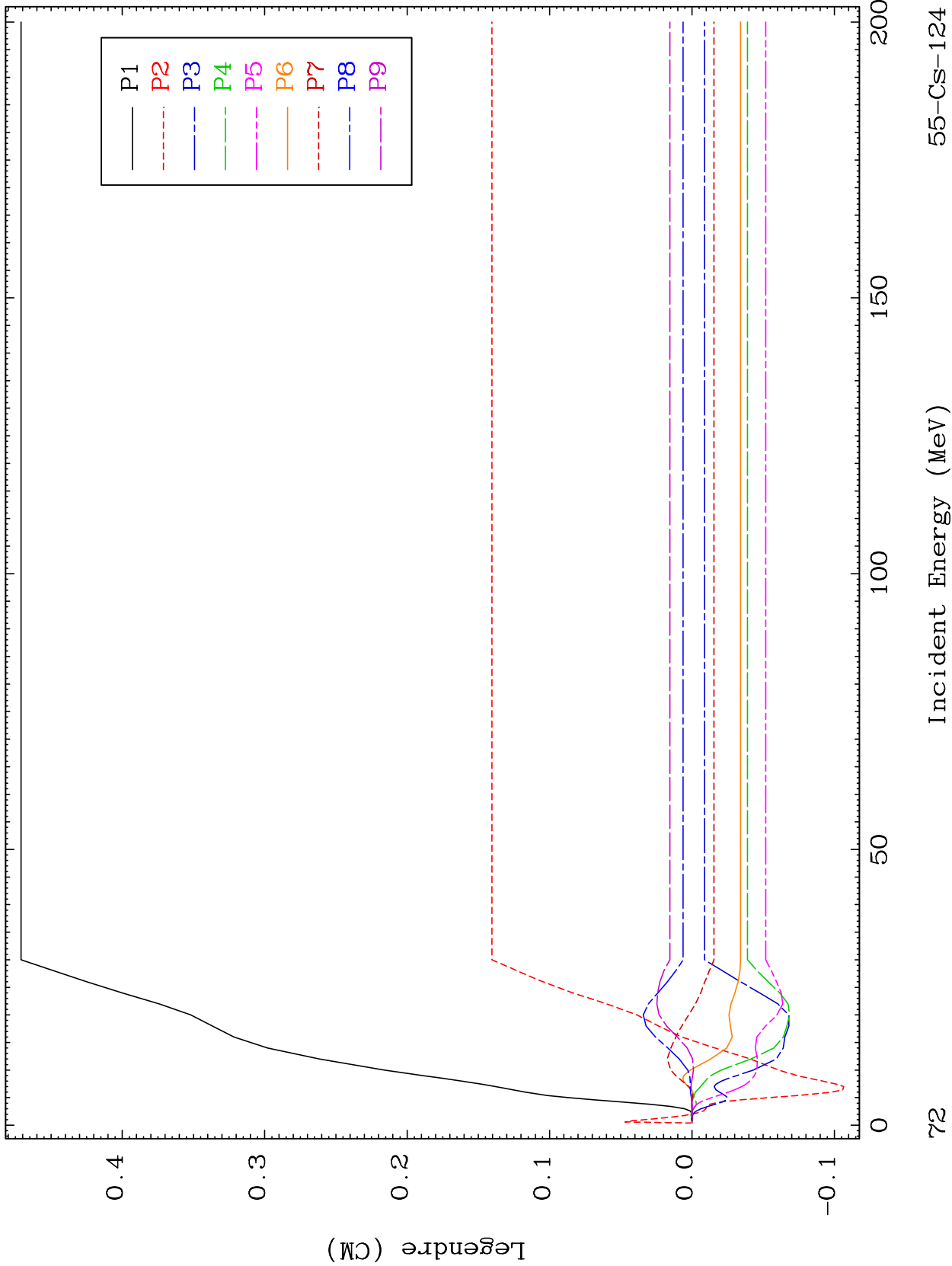
55-Cs-124



MAT 5498

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

55-Cs-124



55-Cs-124

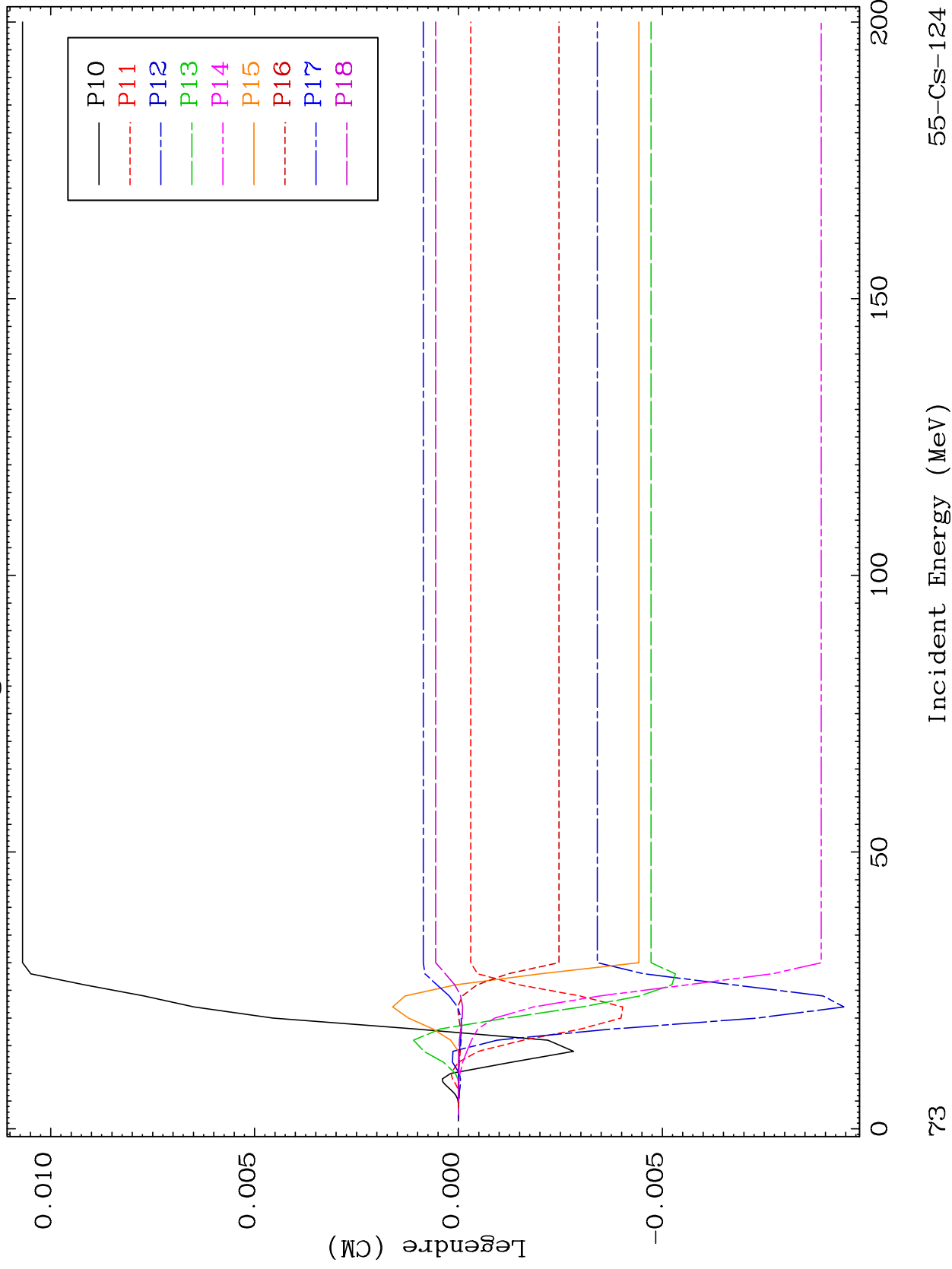
Incident Energy (MeV)

72

MAT 5498

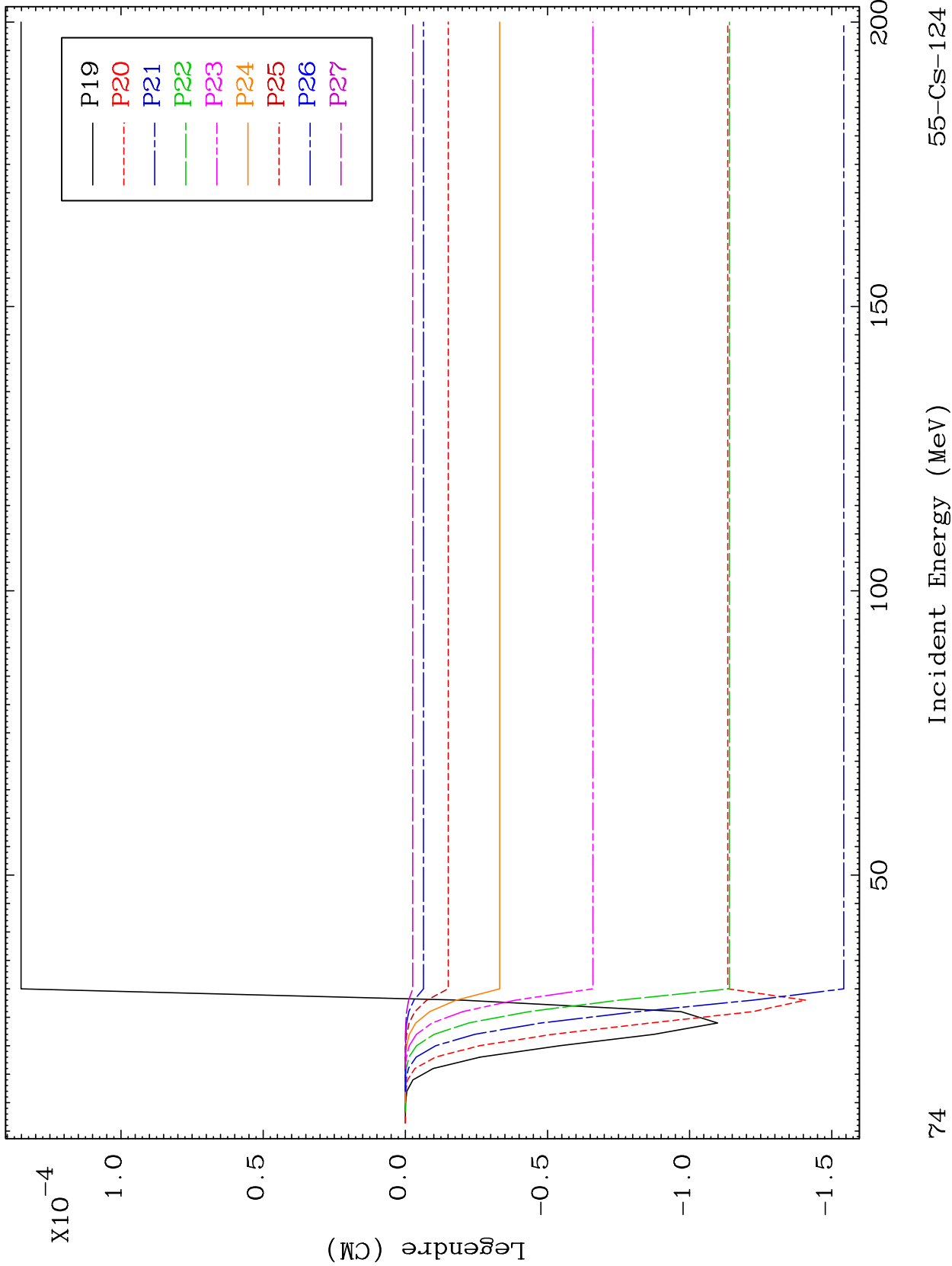
MT= 67 (n,n') Level  
Legendre Coefficients

55-Cs-124



73

55-Cs-124

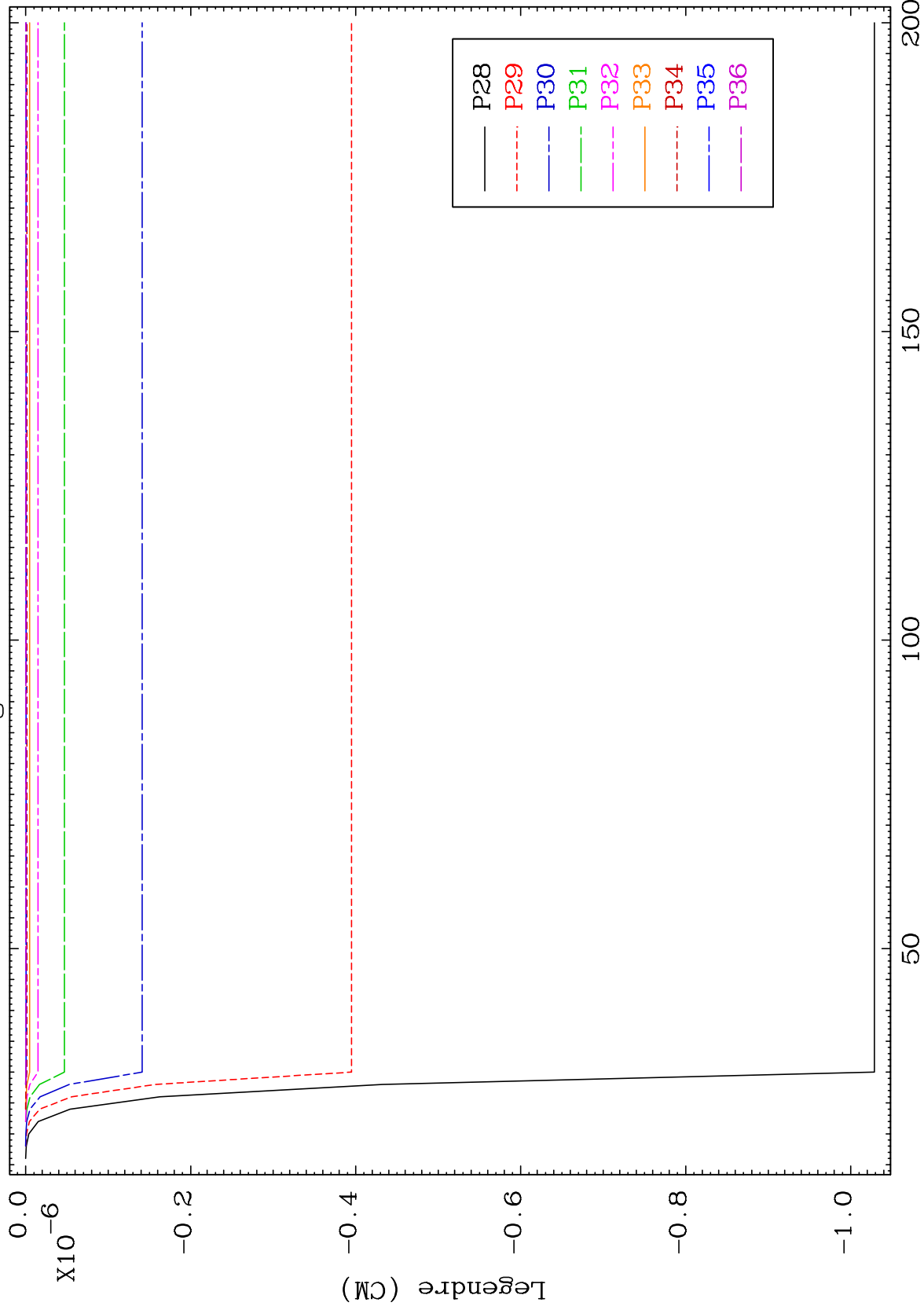


MAT 5498

MT= 67 (n,n') Level

55-Cs-124

Legendre Coefficients



75

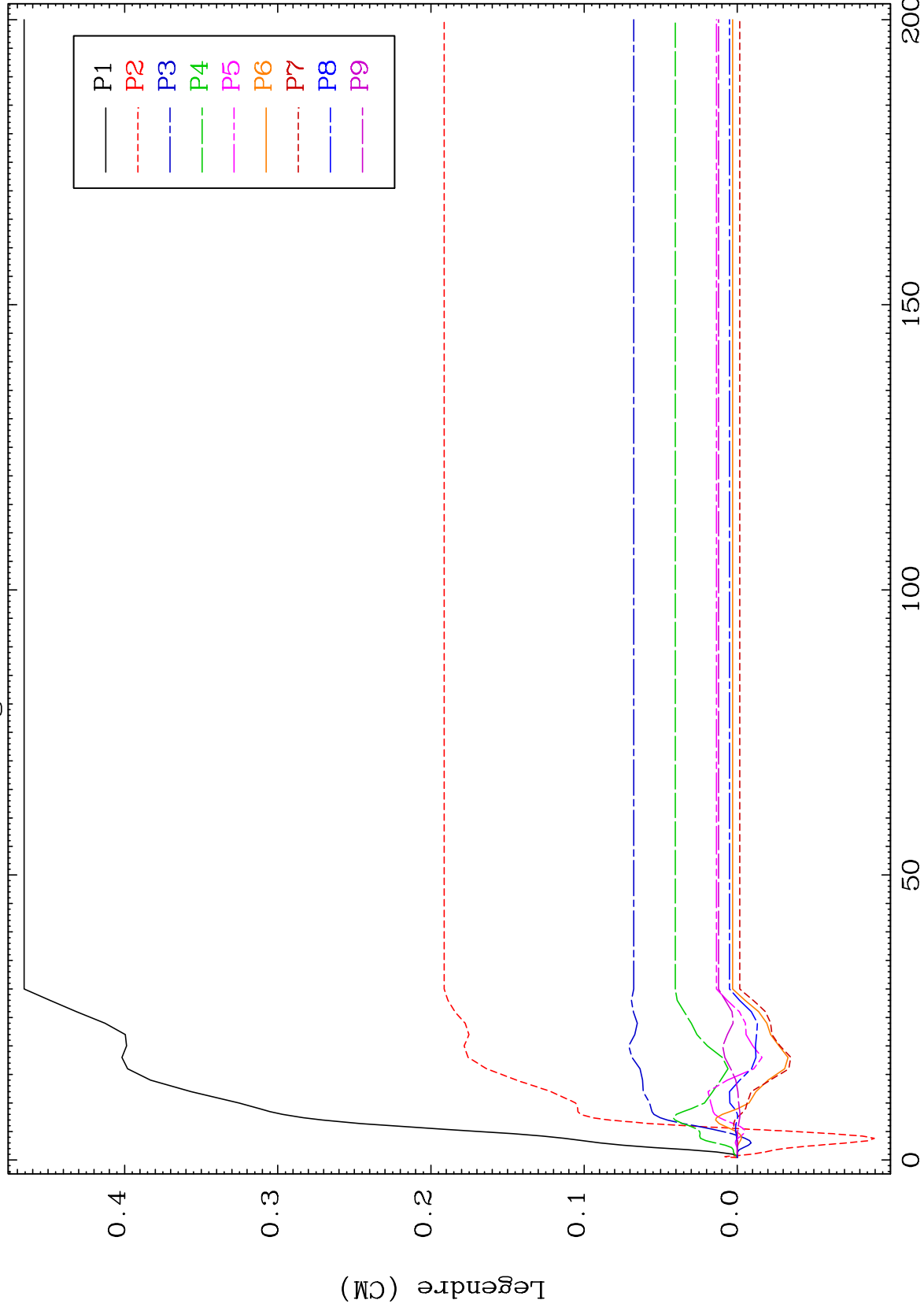
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



76

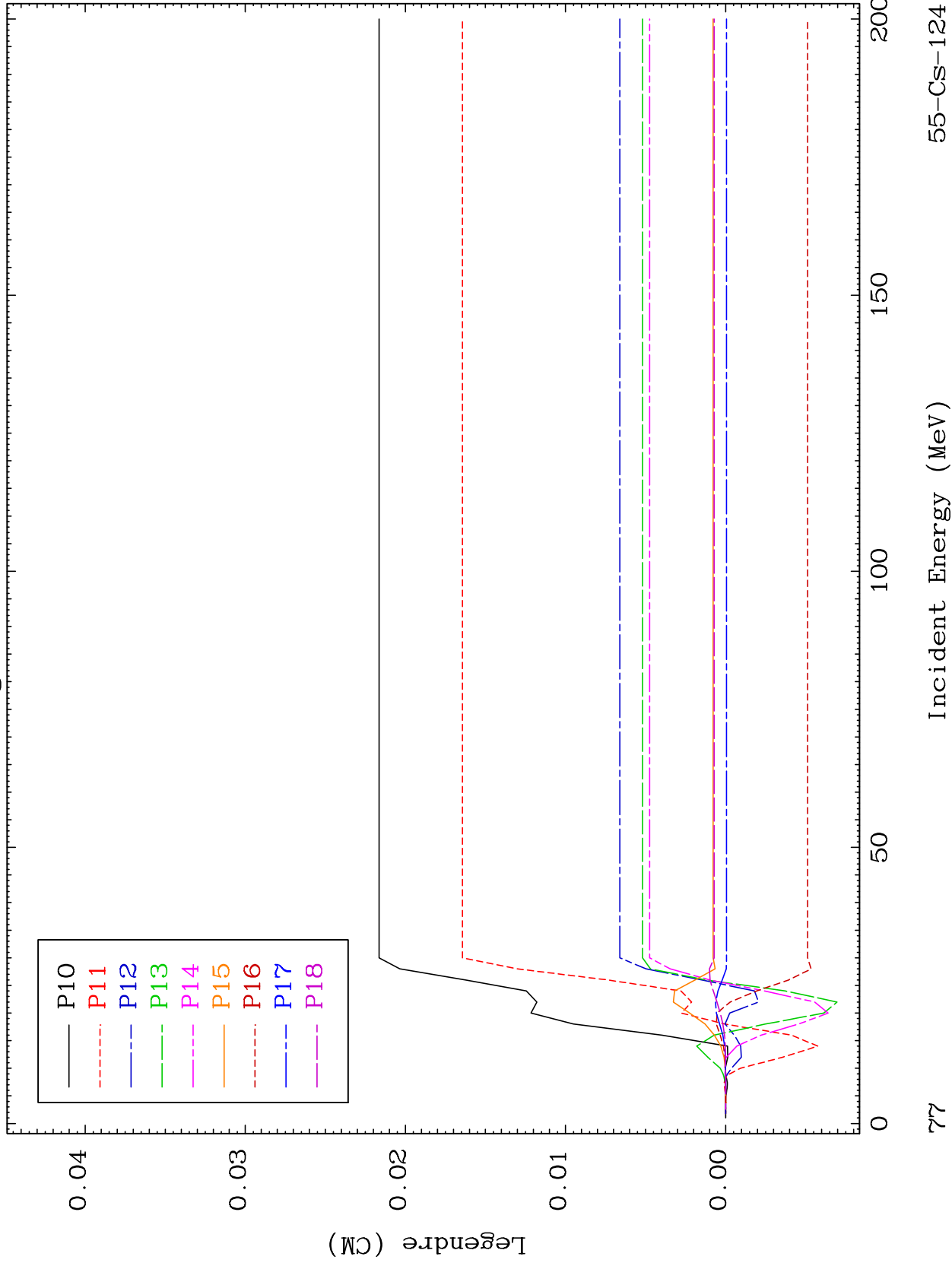
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



77

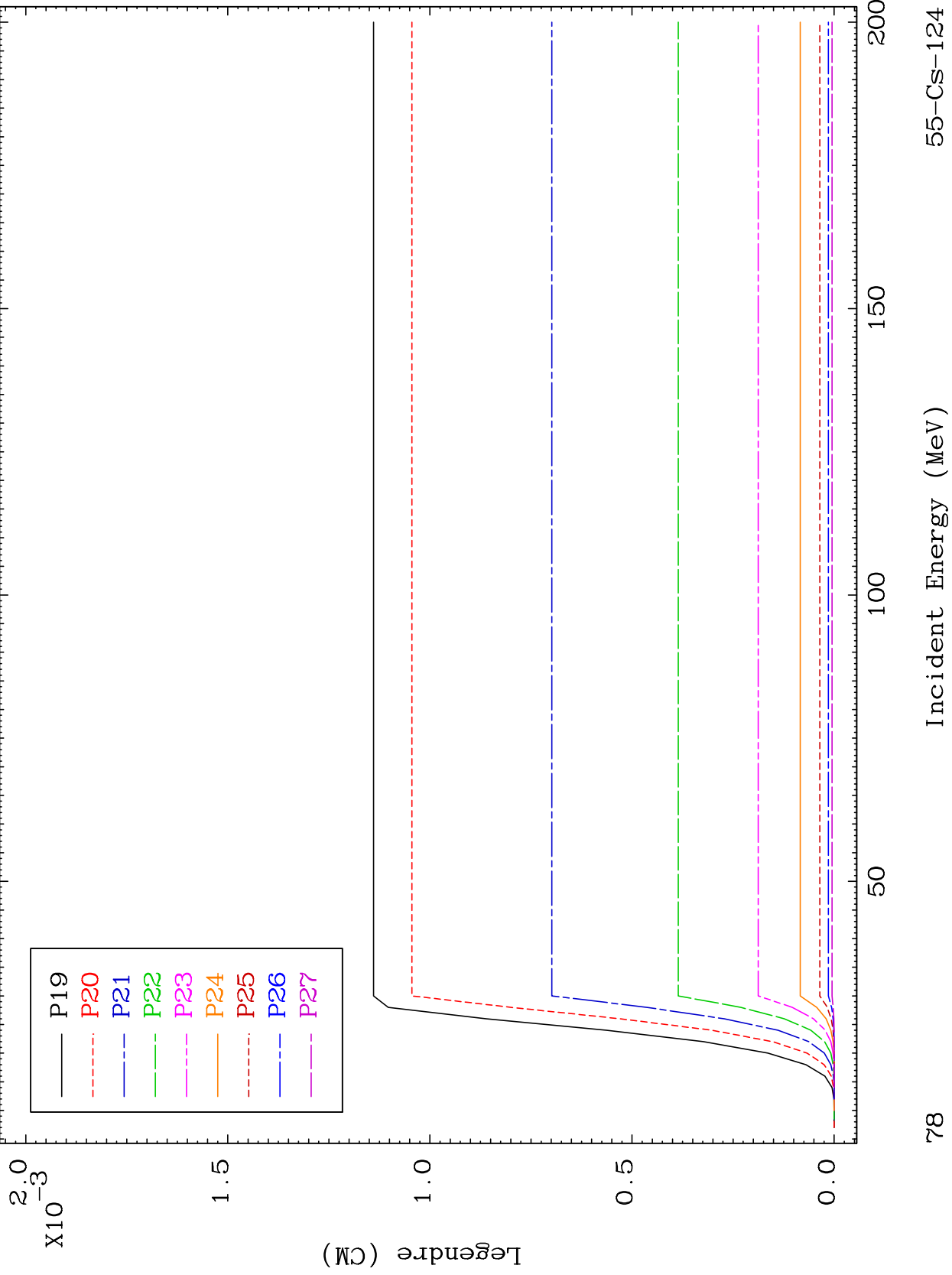
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



78

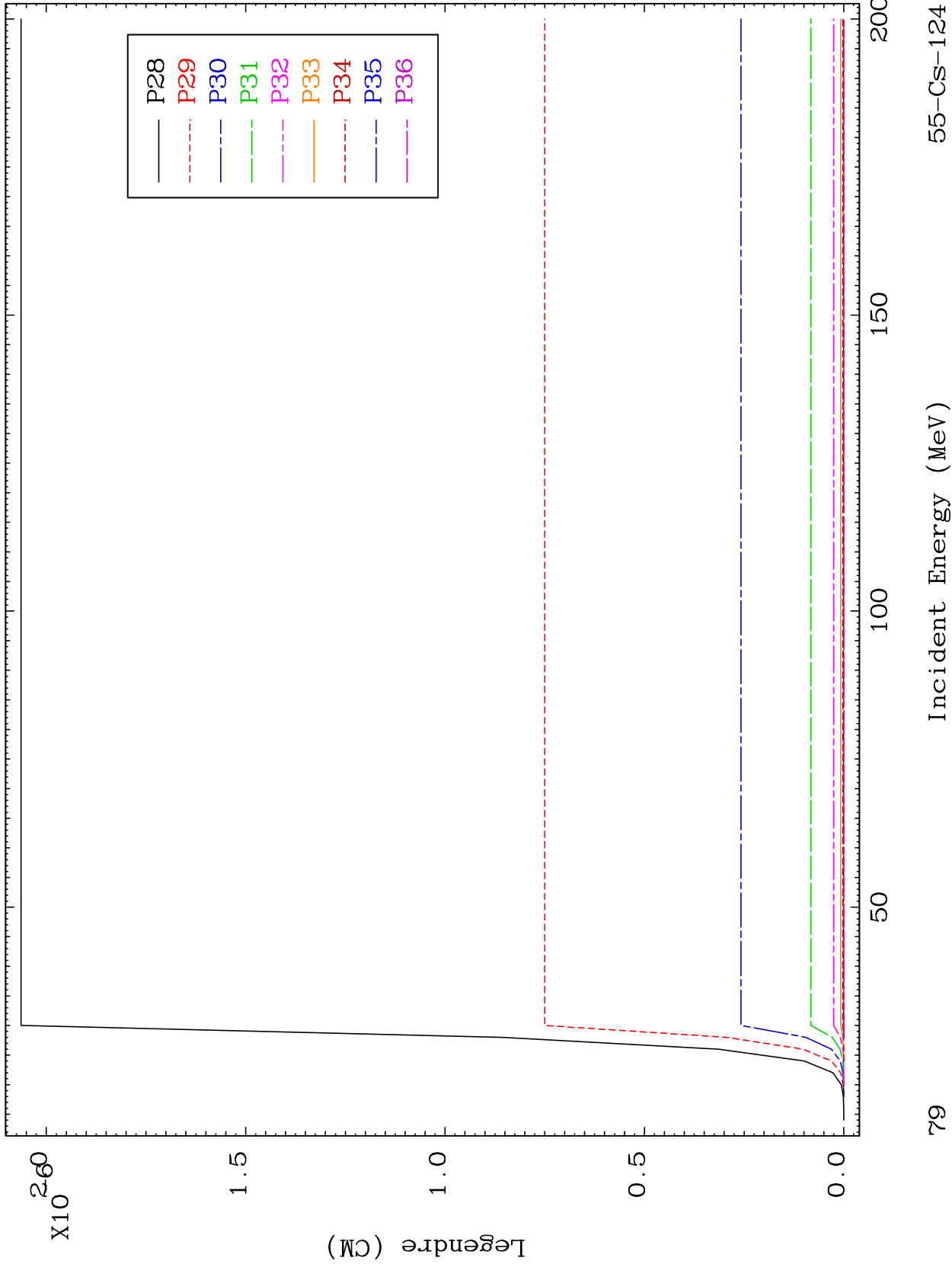
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



79

55-Cs-124

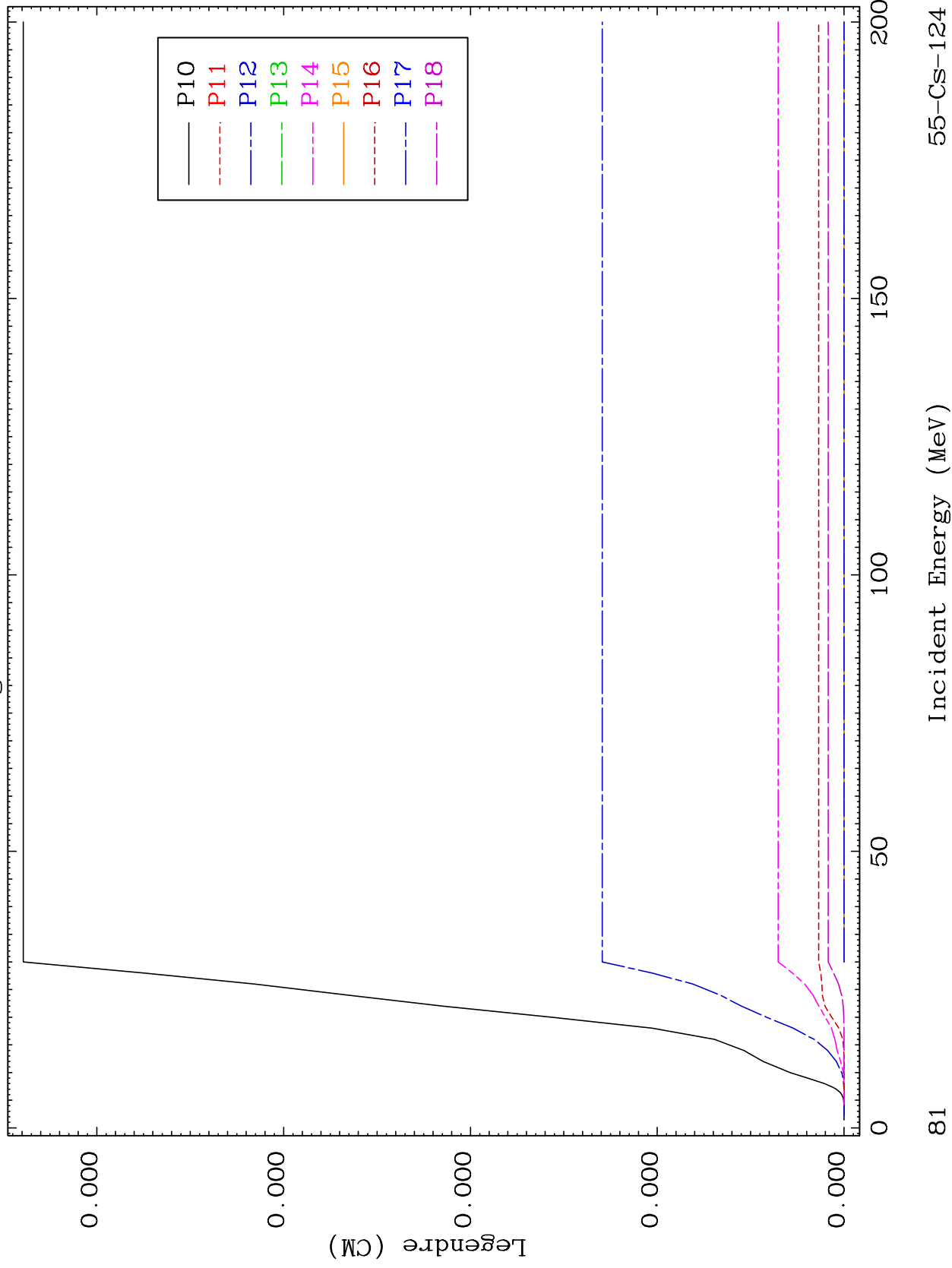




MAT 5498

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

55-Cs-124



81

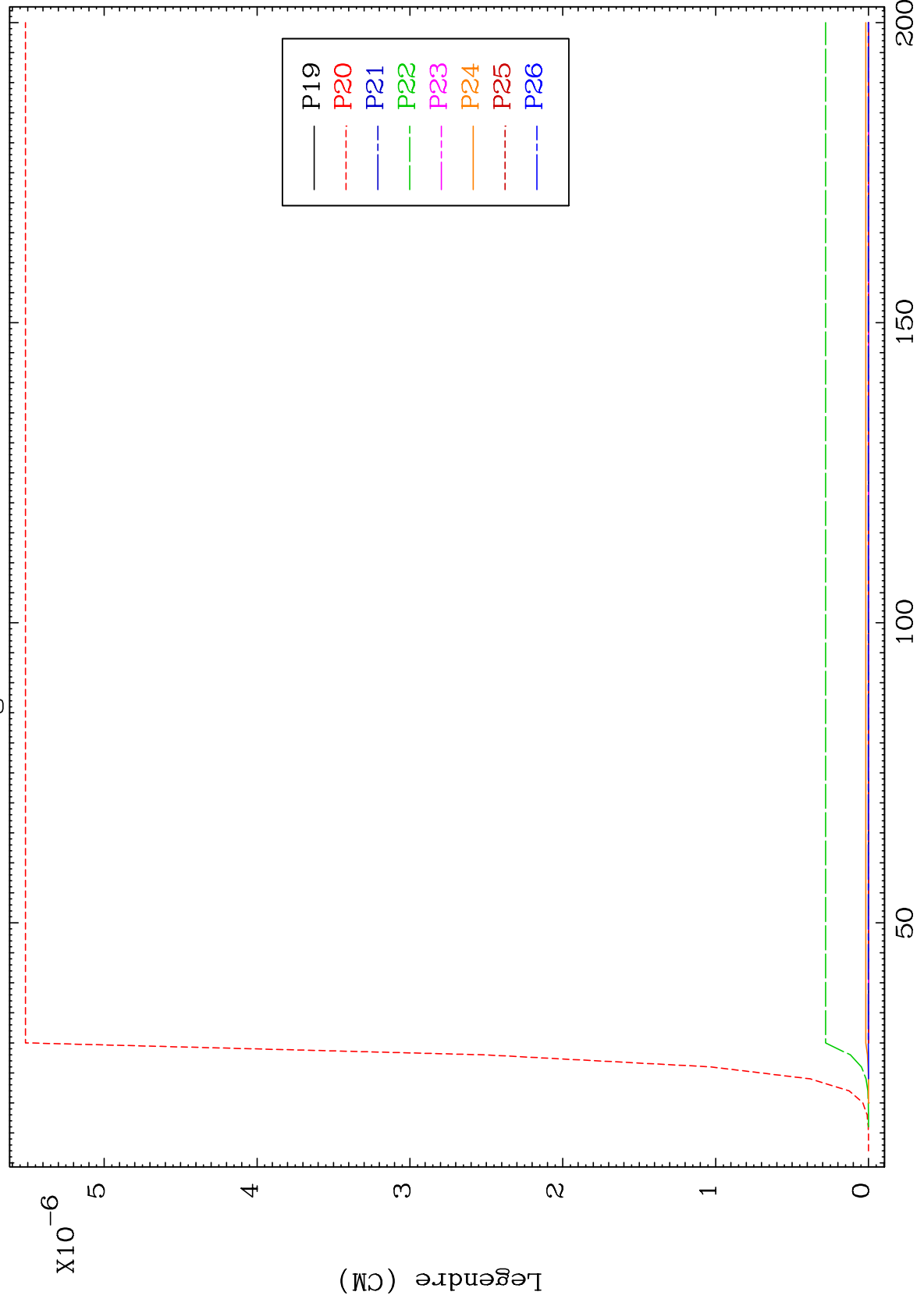
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



55-Cs-124

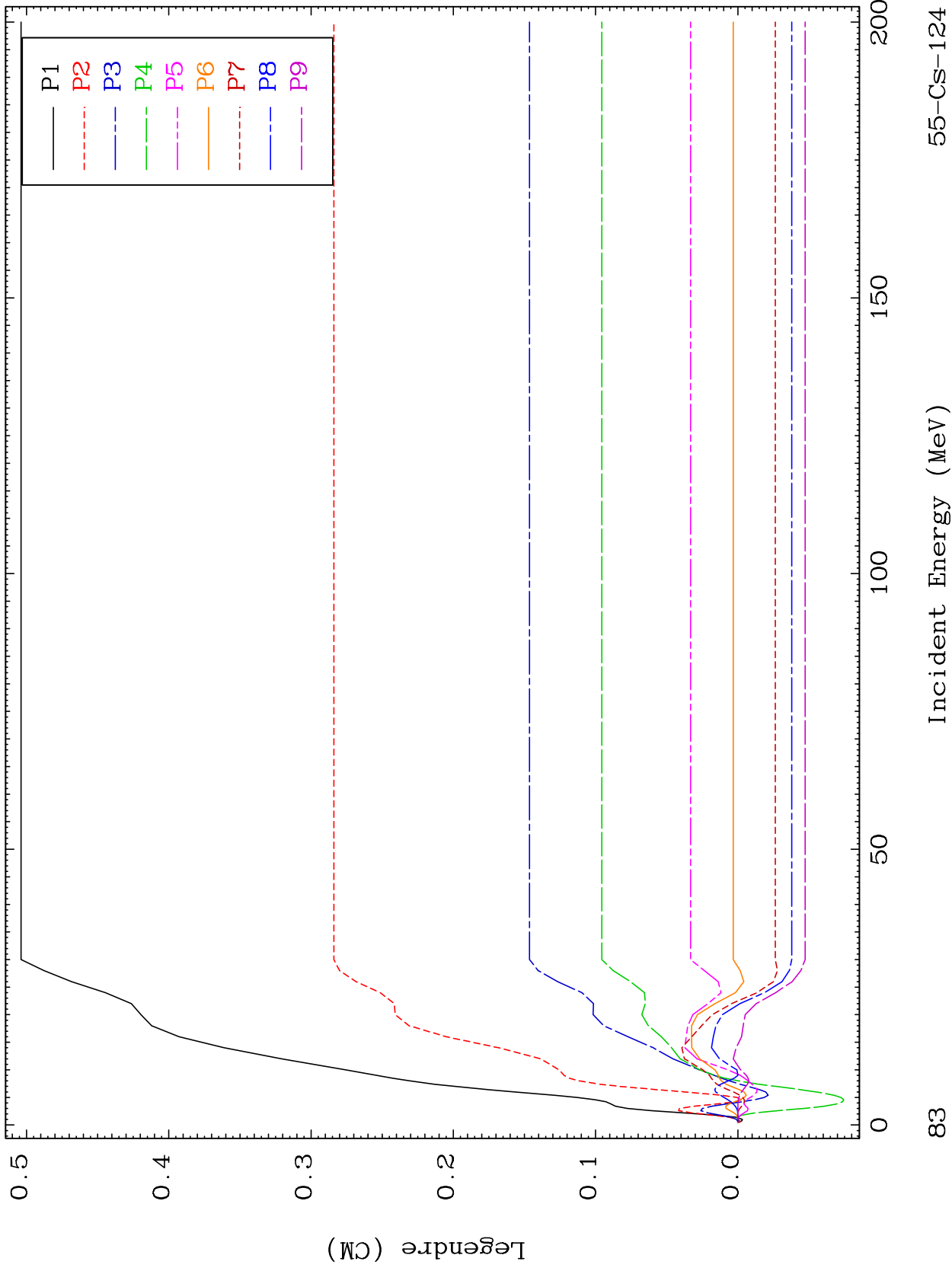
Incident Energy (MeV)

82

MAT 5498

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

55-Cs-124



55-Cs-124

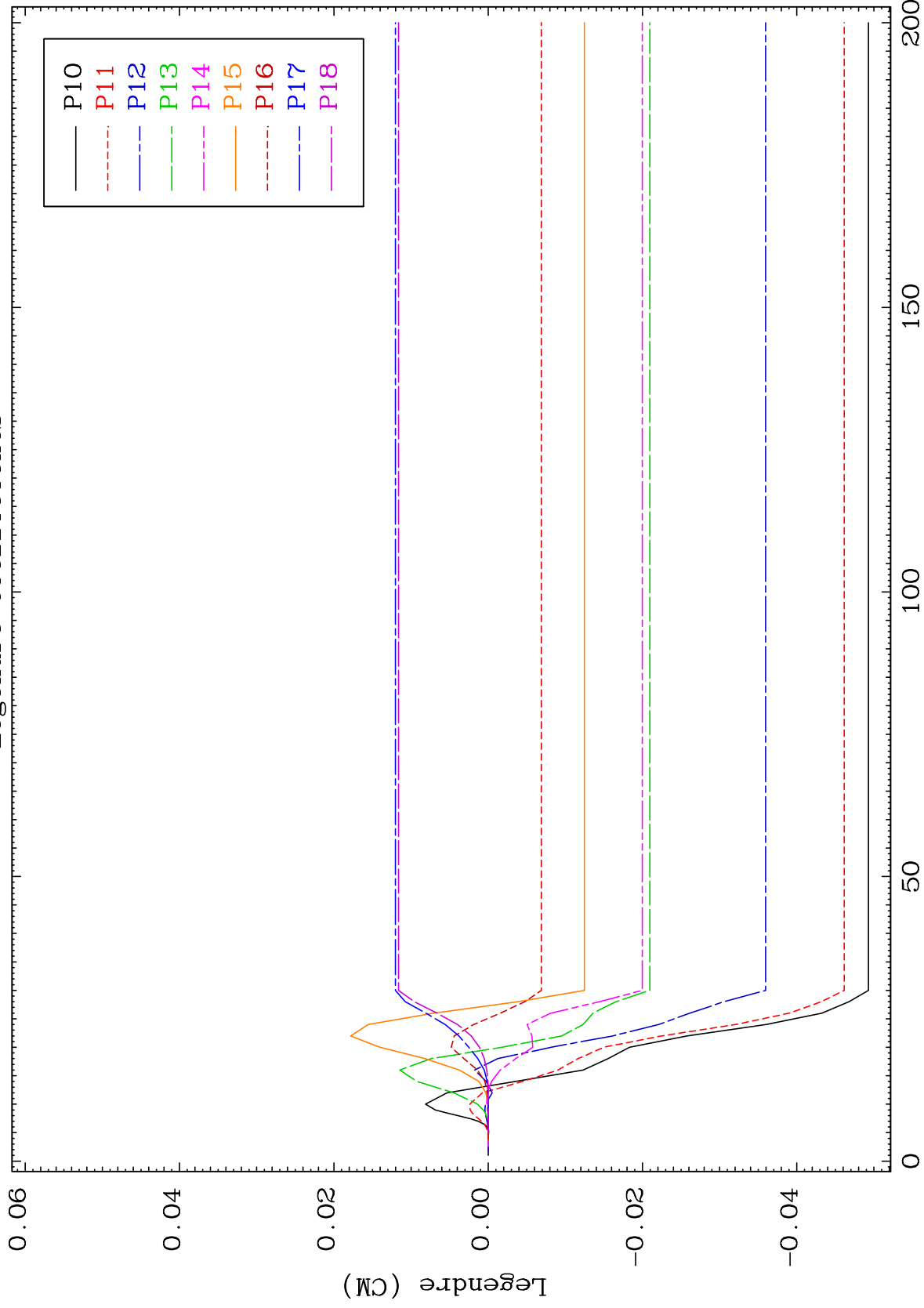
Incident Energy (MeV)

83

MAT 5498

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

55-Cs-124



84

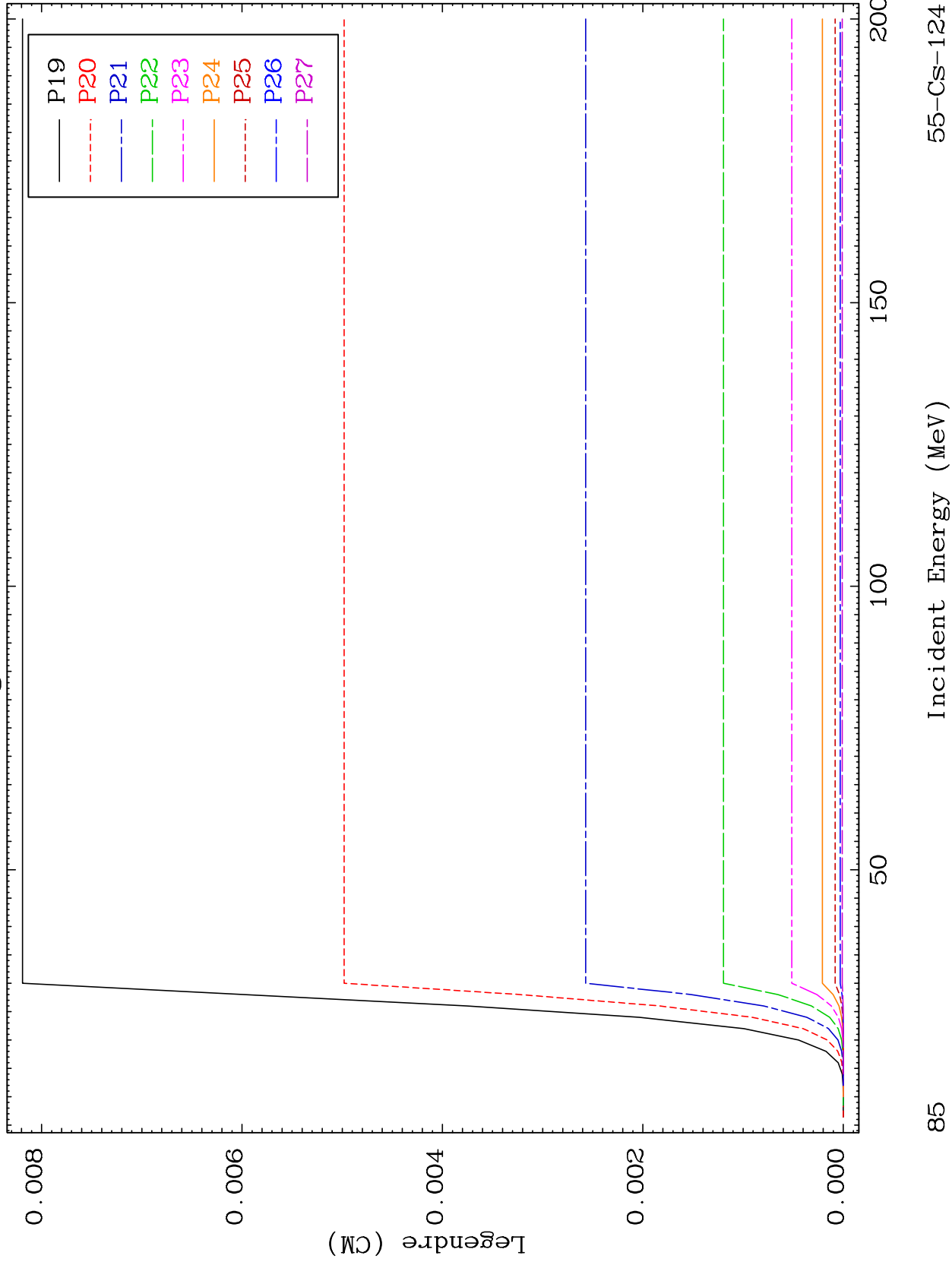
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



85

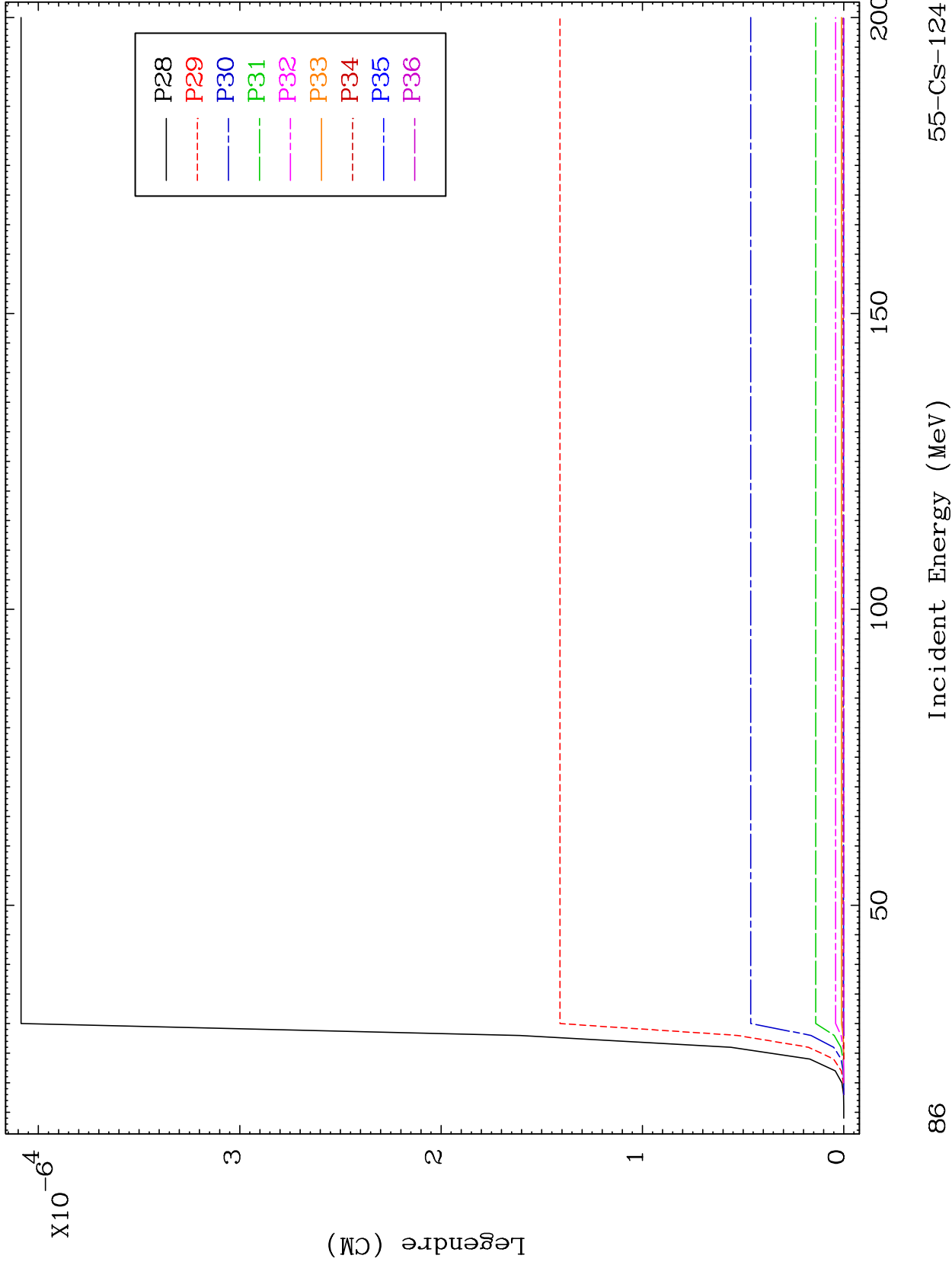
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

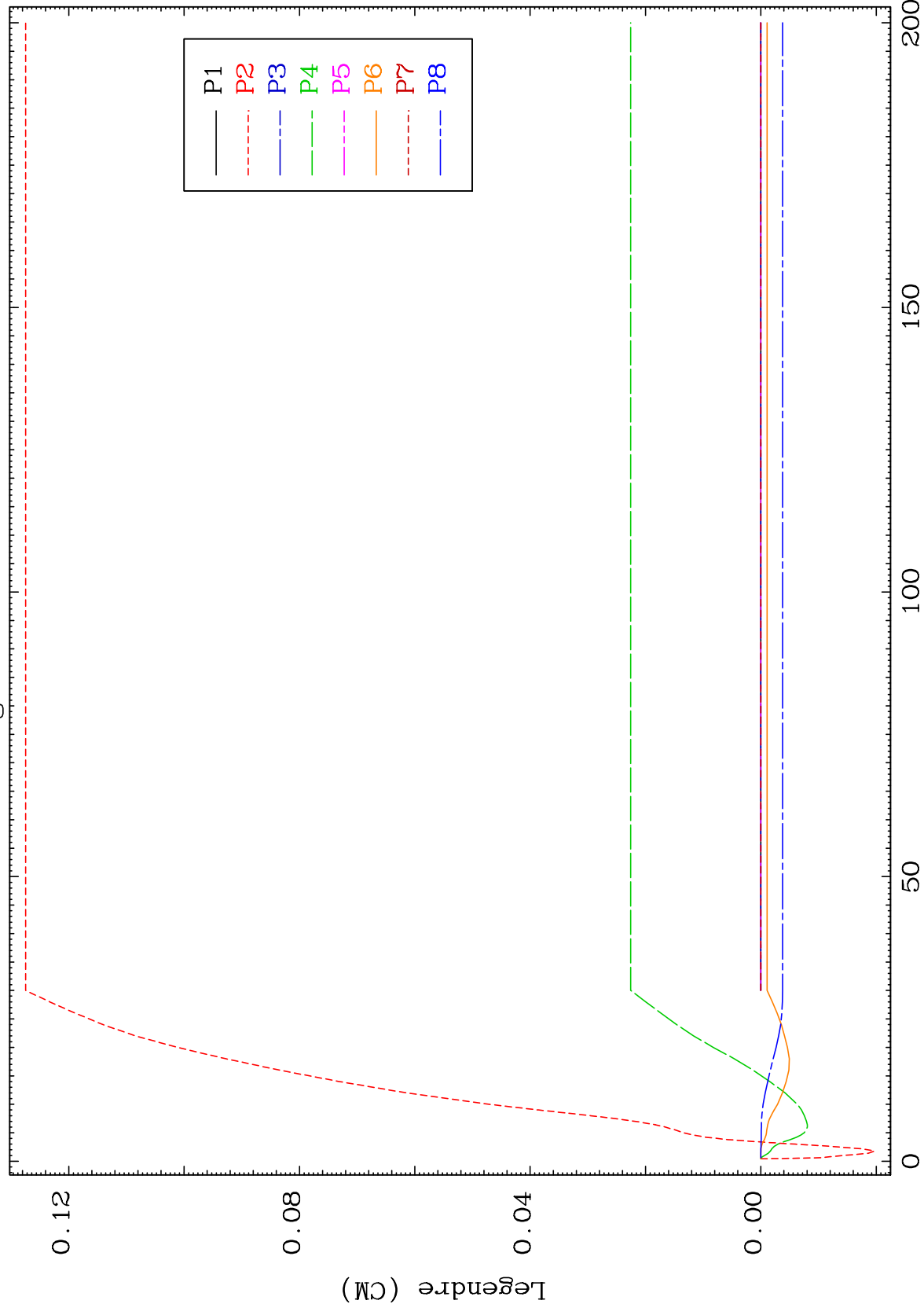
55-Cs-124



MAT 5498

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

55-Cs-124



87

Incident Energy (MeV)

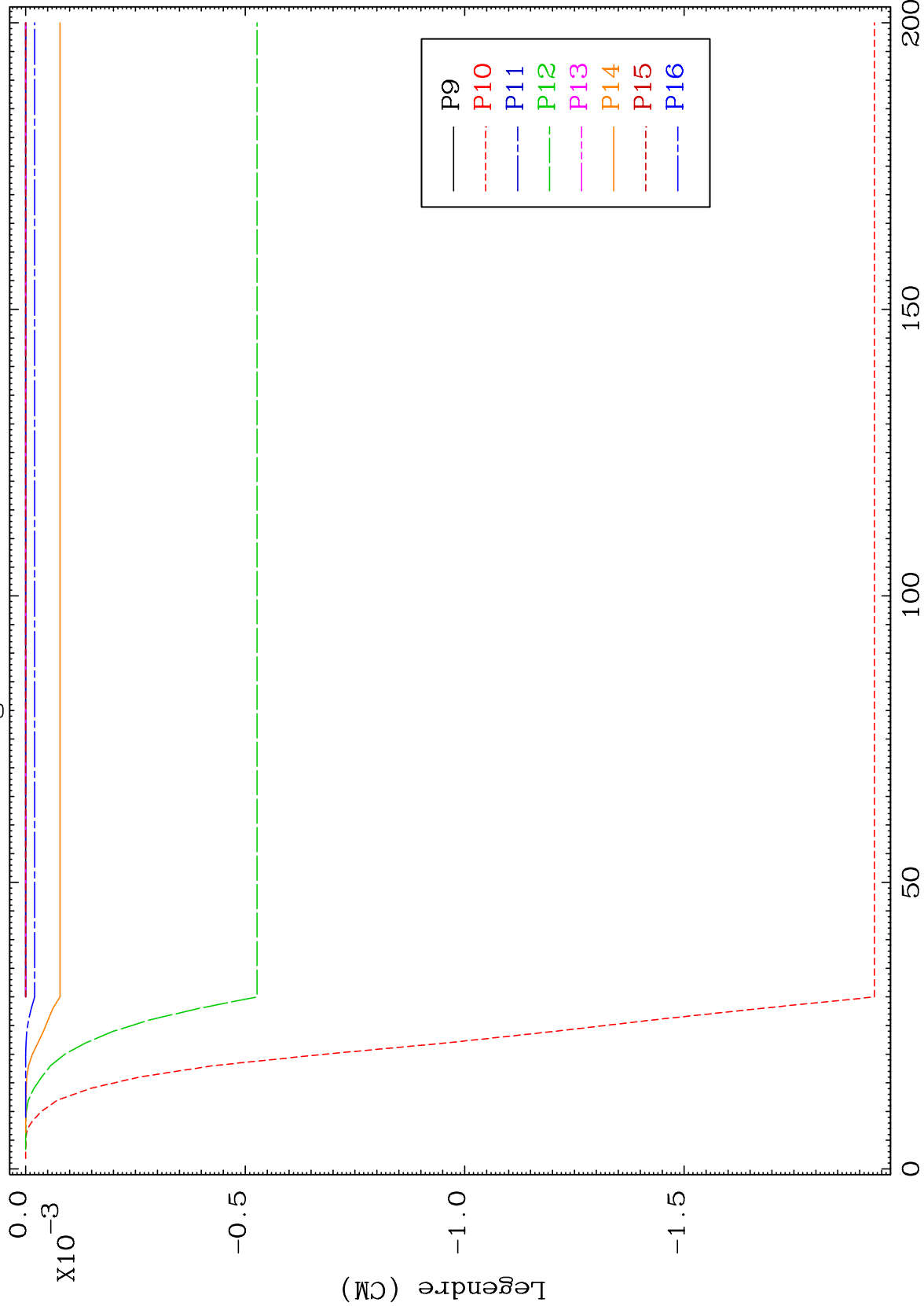
55-Cs-124



MAT 5498

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

55-Cs-124



88

Incident Energy (MeV)

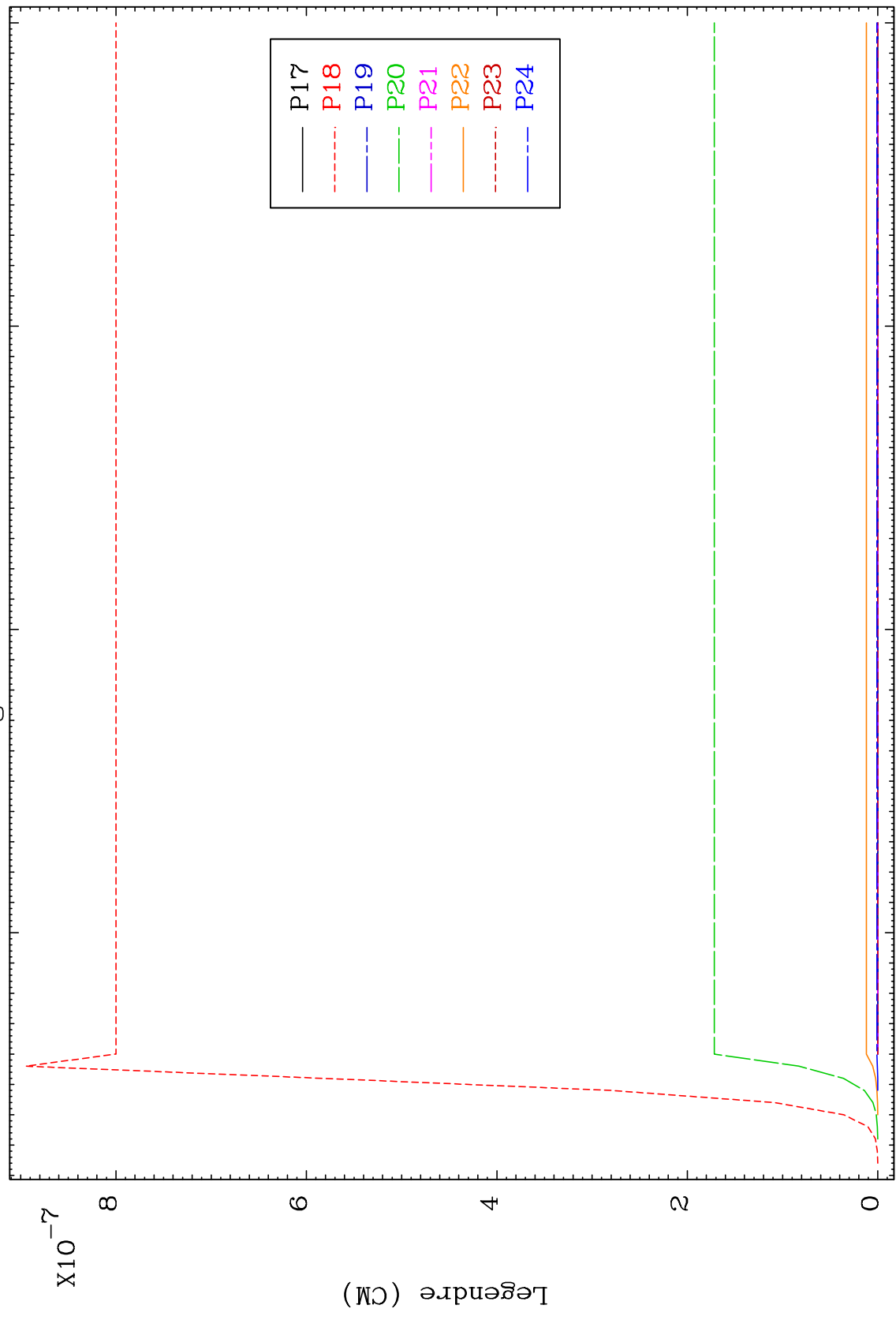
55-Cs-124

MAT 5498

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

55-Cs-124

$\times 10^{-7}$



89

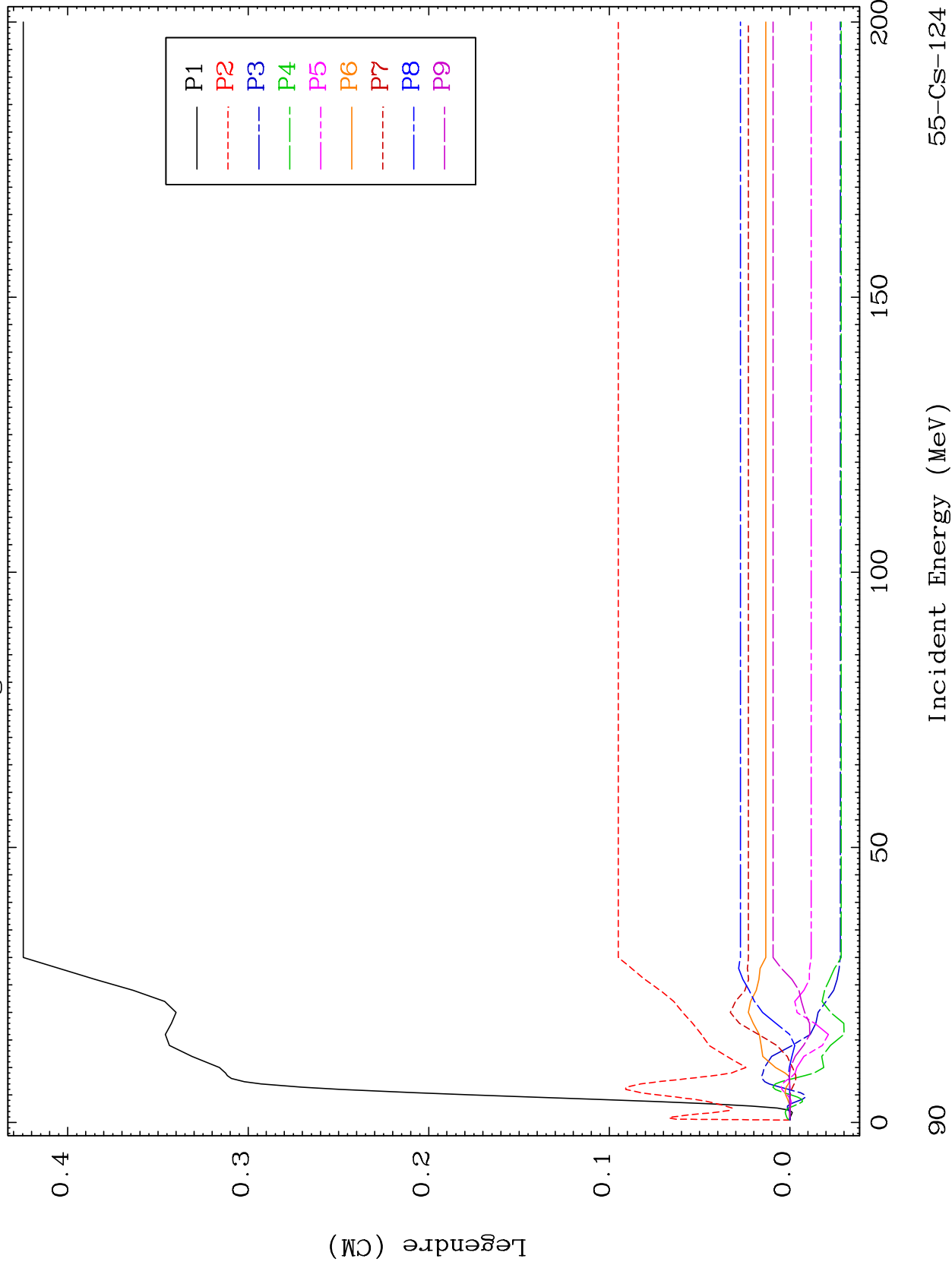
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



55-Cs-124

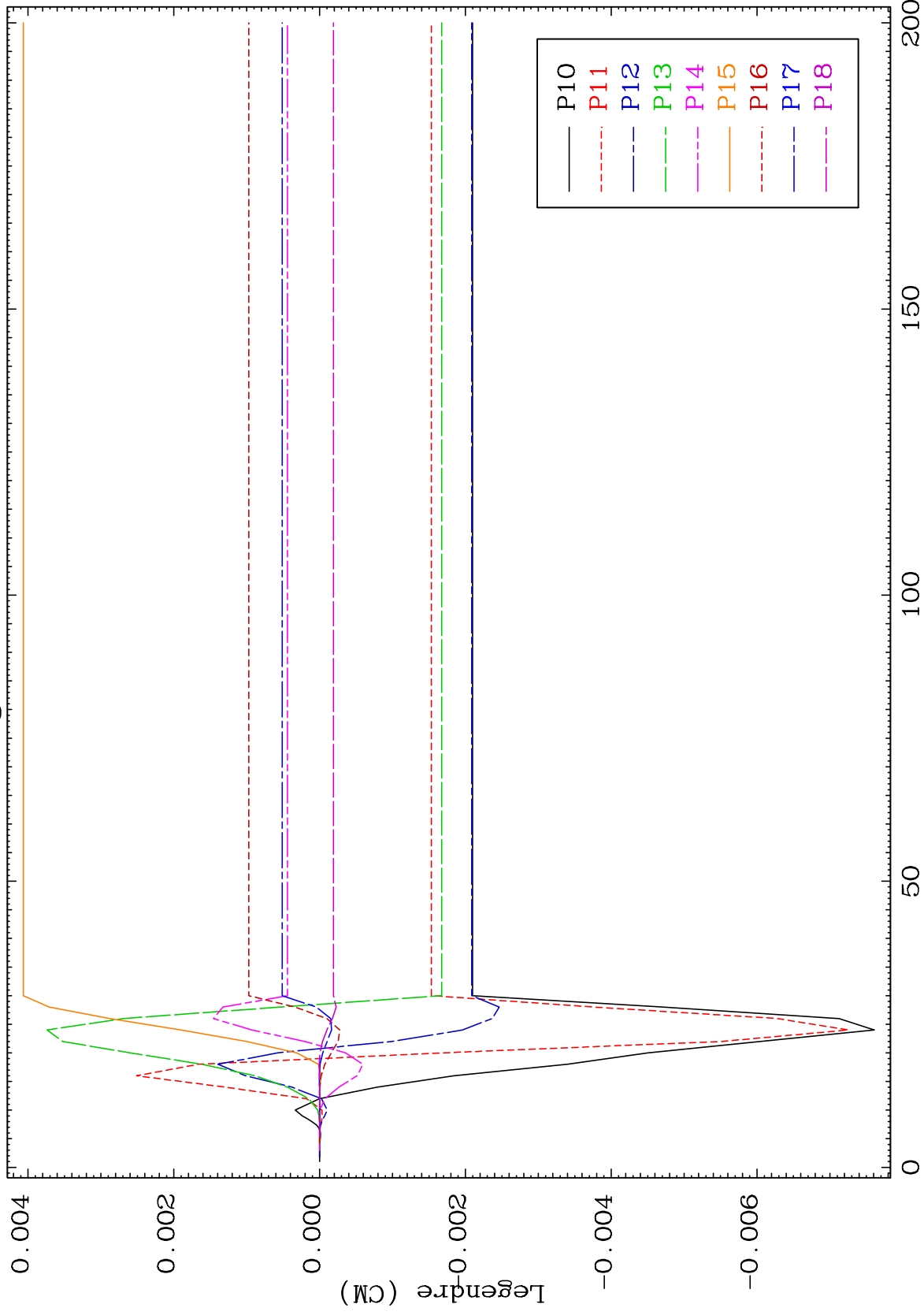
Incident Energy (MeV)

90

MAT 5498

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

55-Cs-124



91

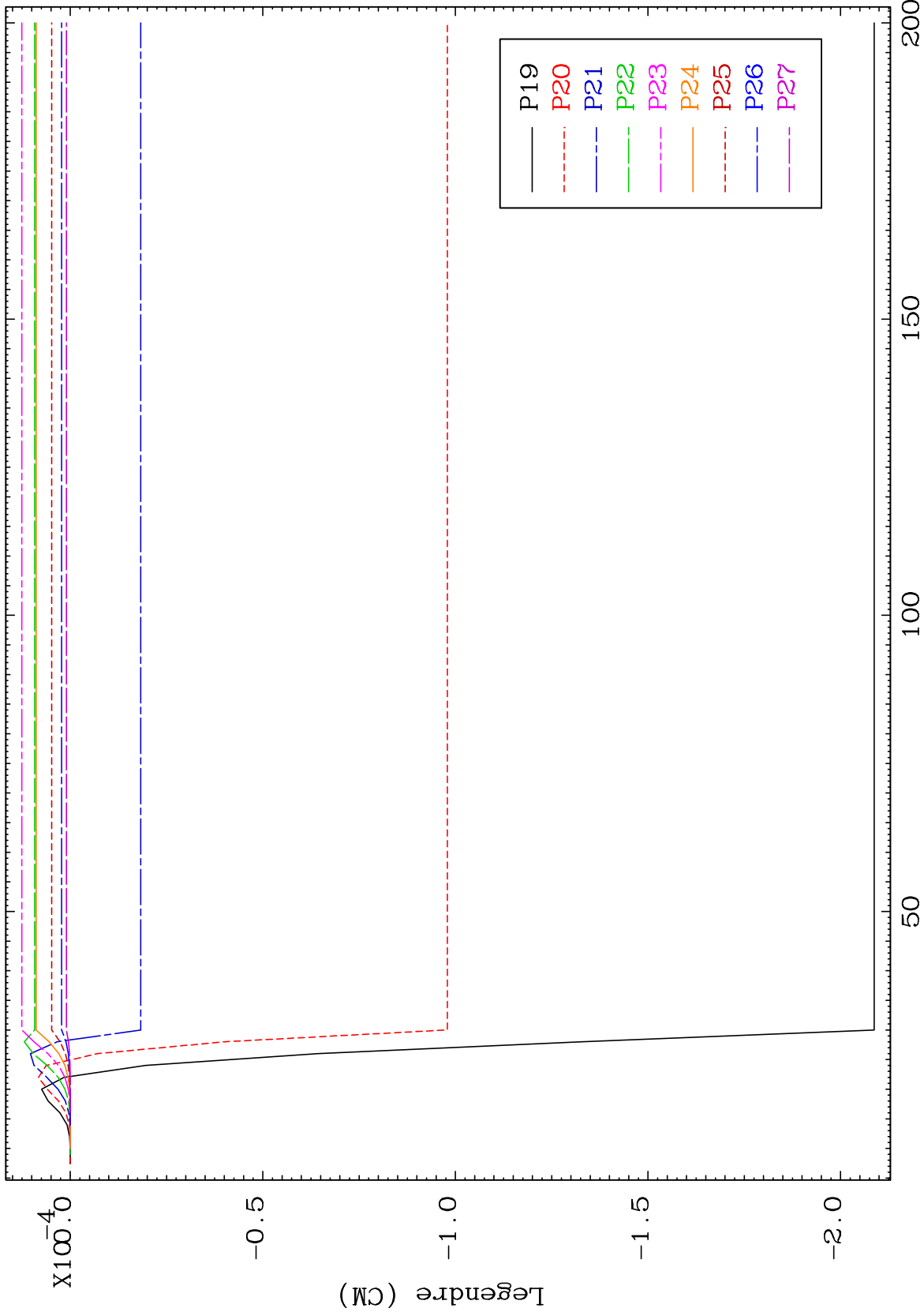
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



92

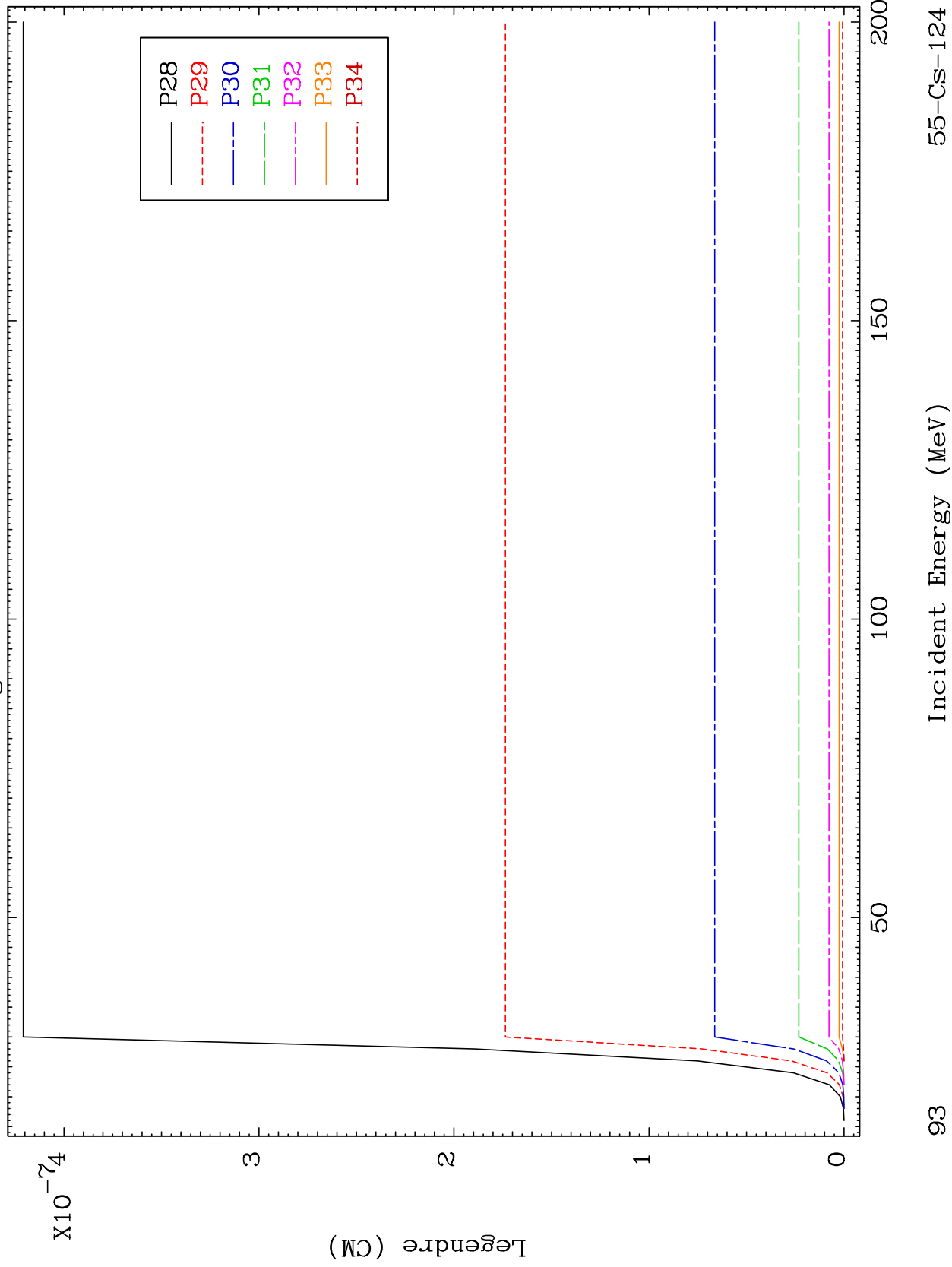
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

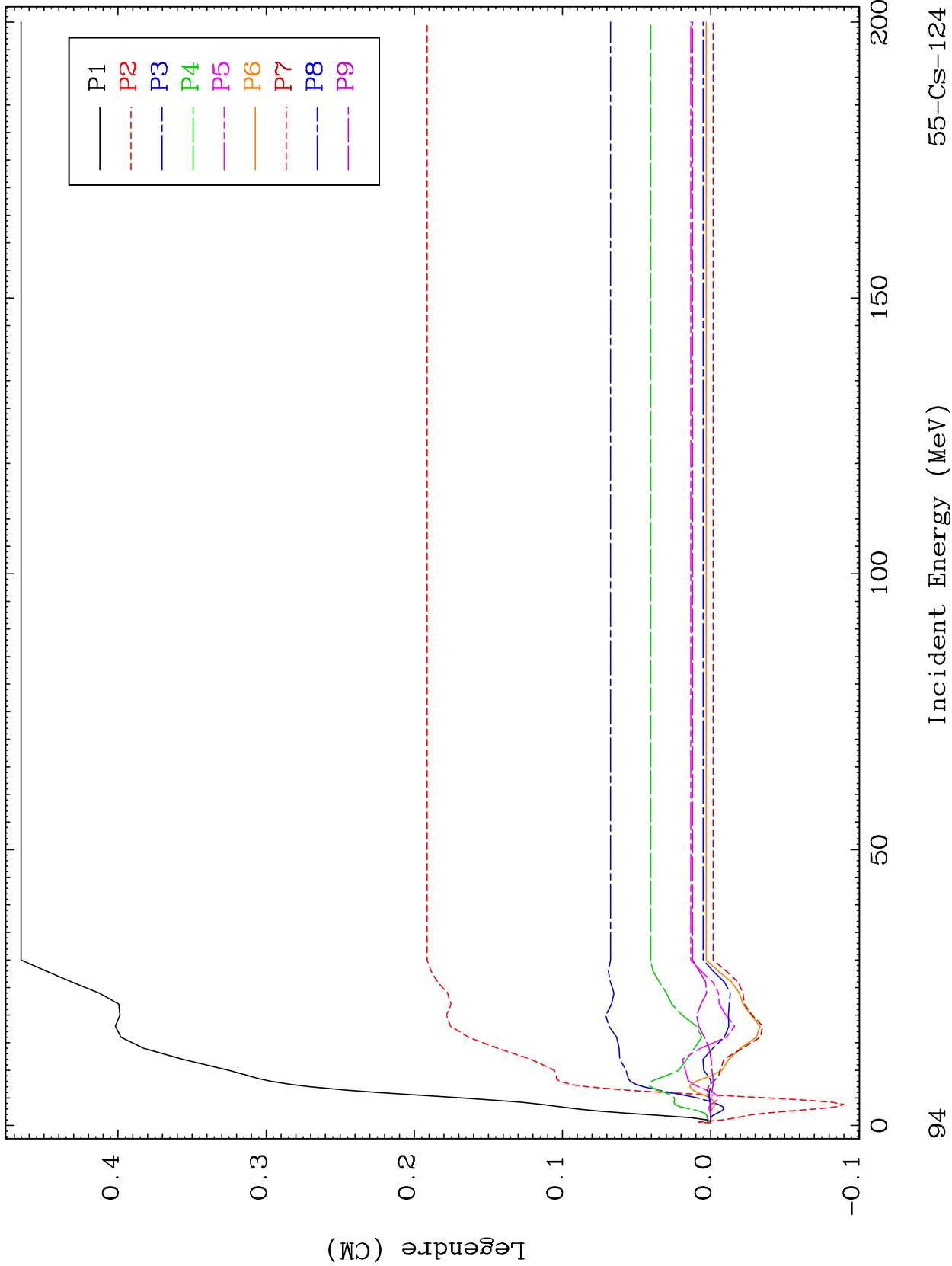
55-Cs-124



MAT 5498

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

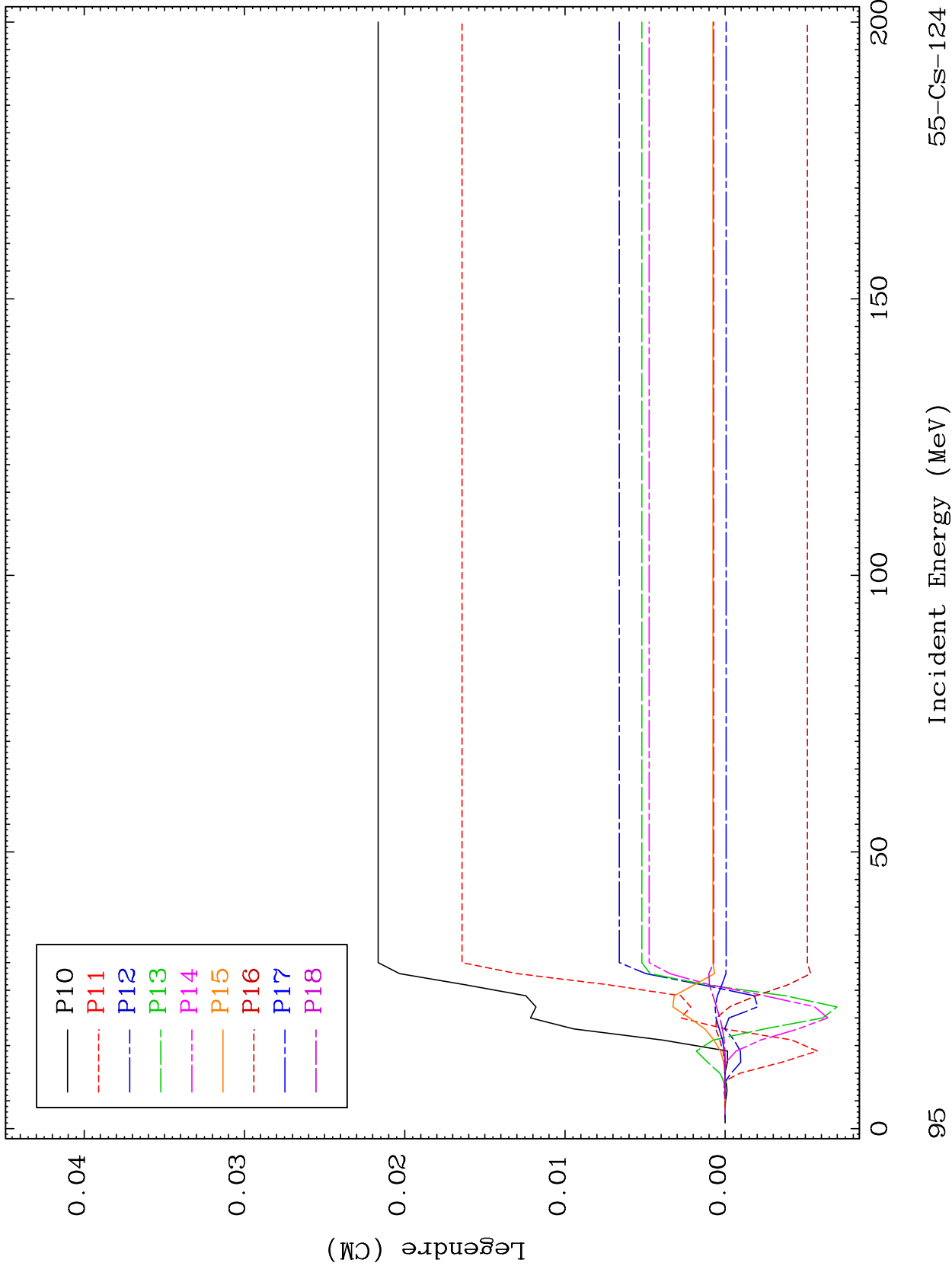
55-Cs-124



MAT 5498

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

55-Cs-124



55-Cs-124

Incident Energy (MeV)

95

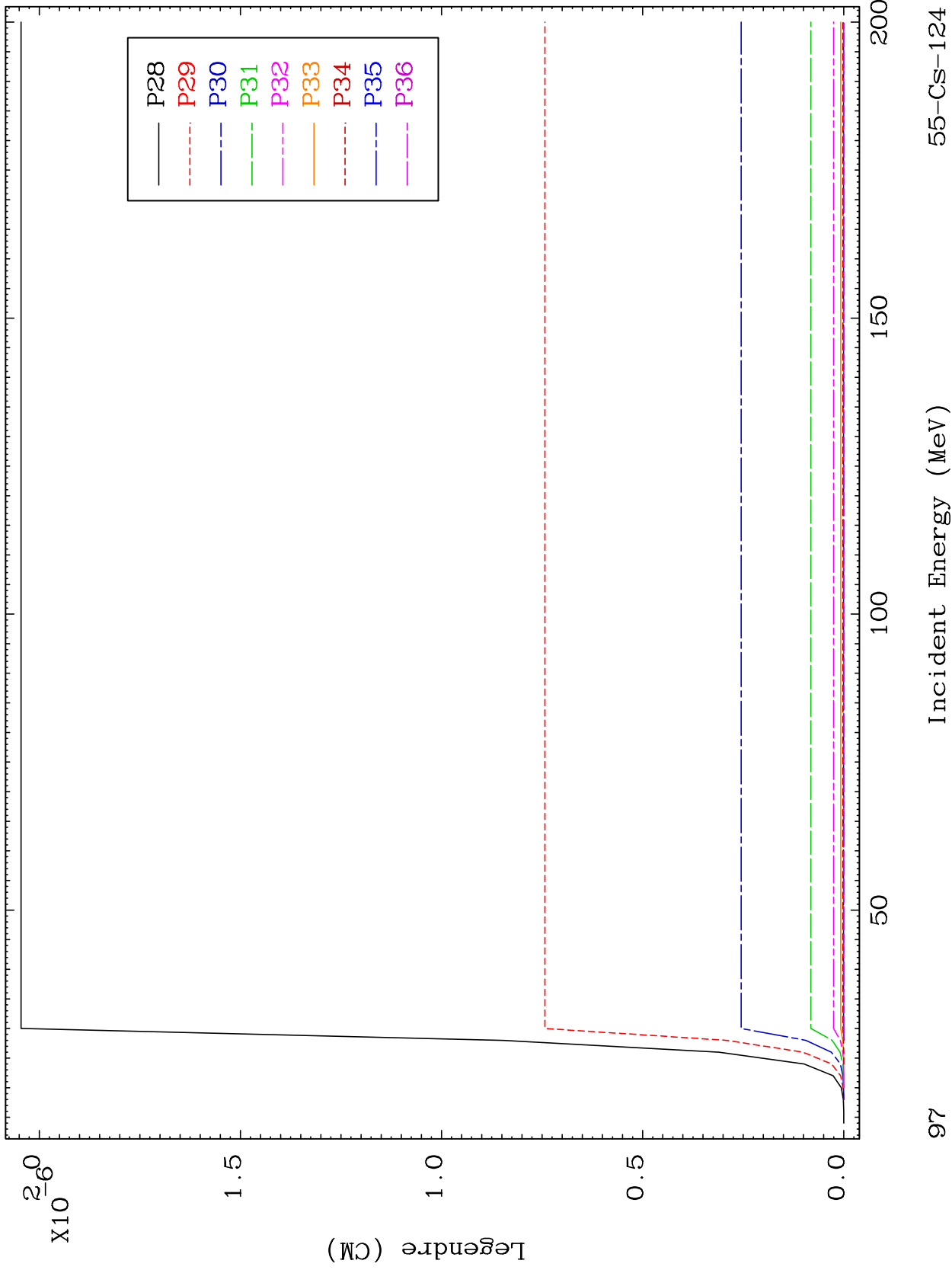




MAT 5498

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

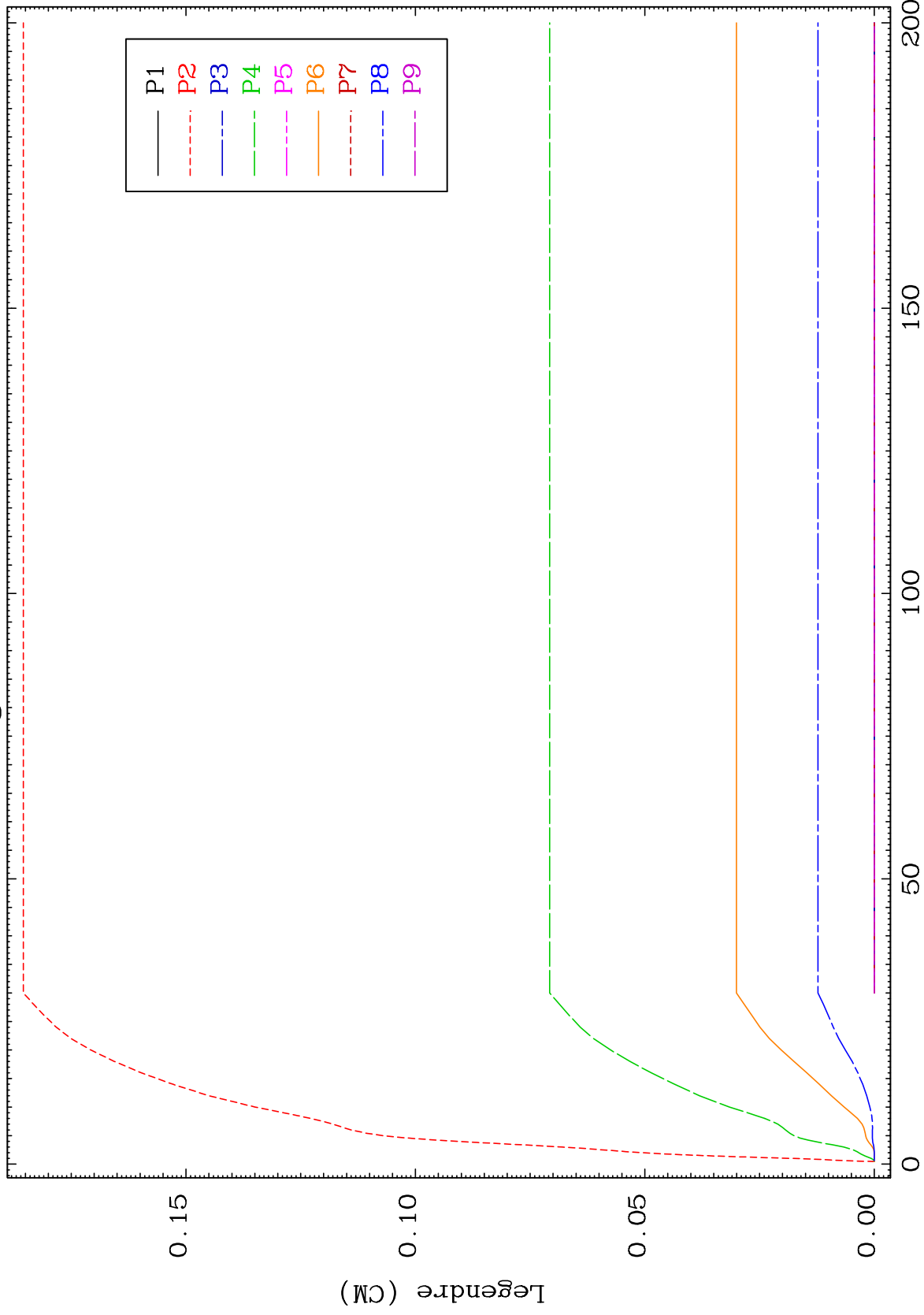
55-Cs-124



MAT 5498

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

55-Cs-124



98

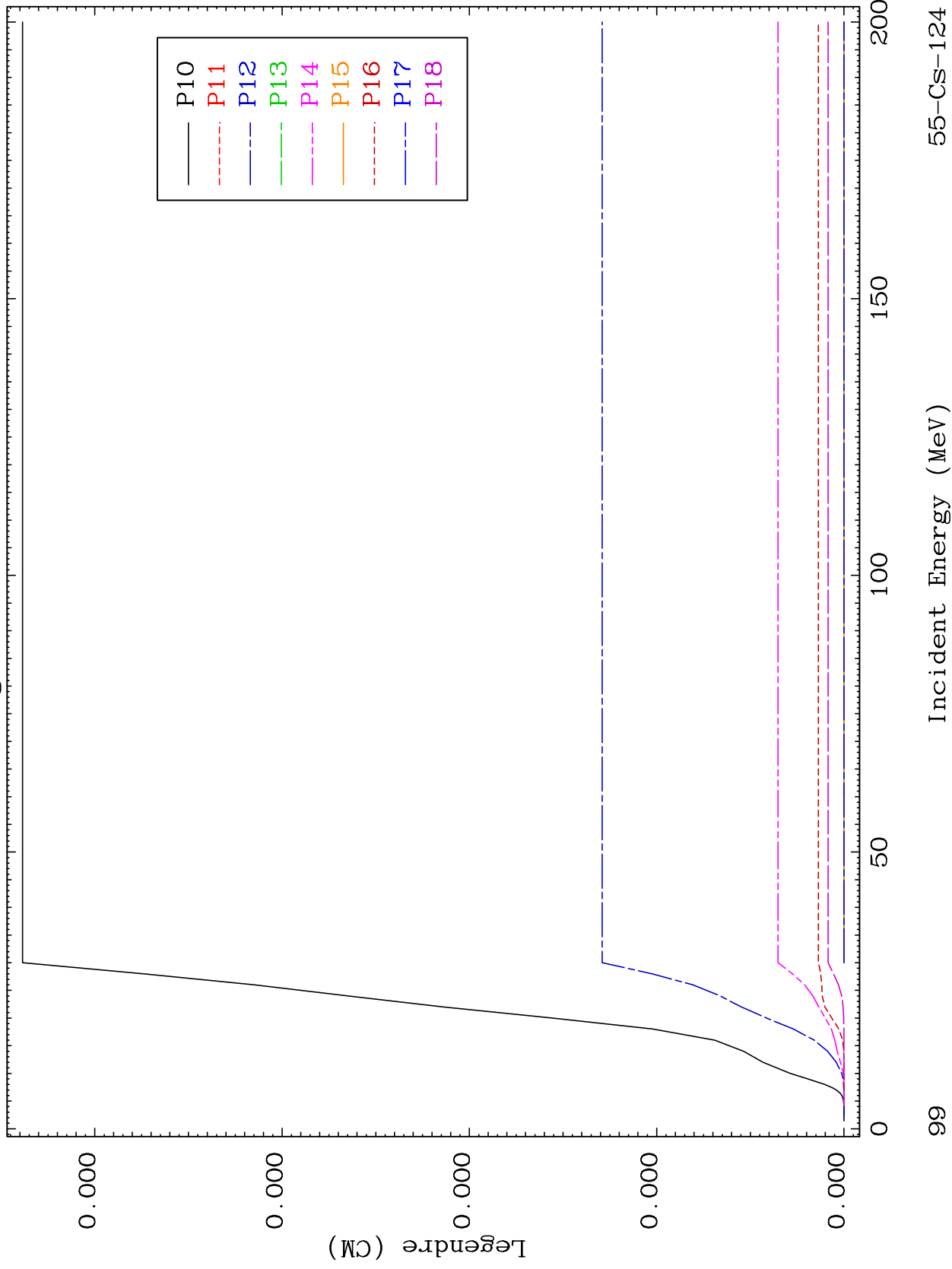
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



99

Incident Energy (MeV)

55-Cs-124



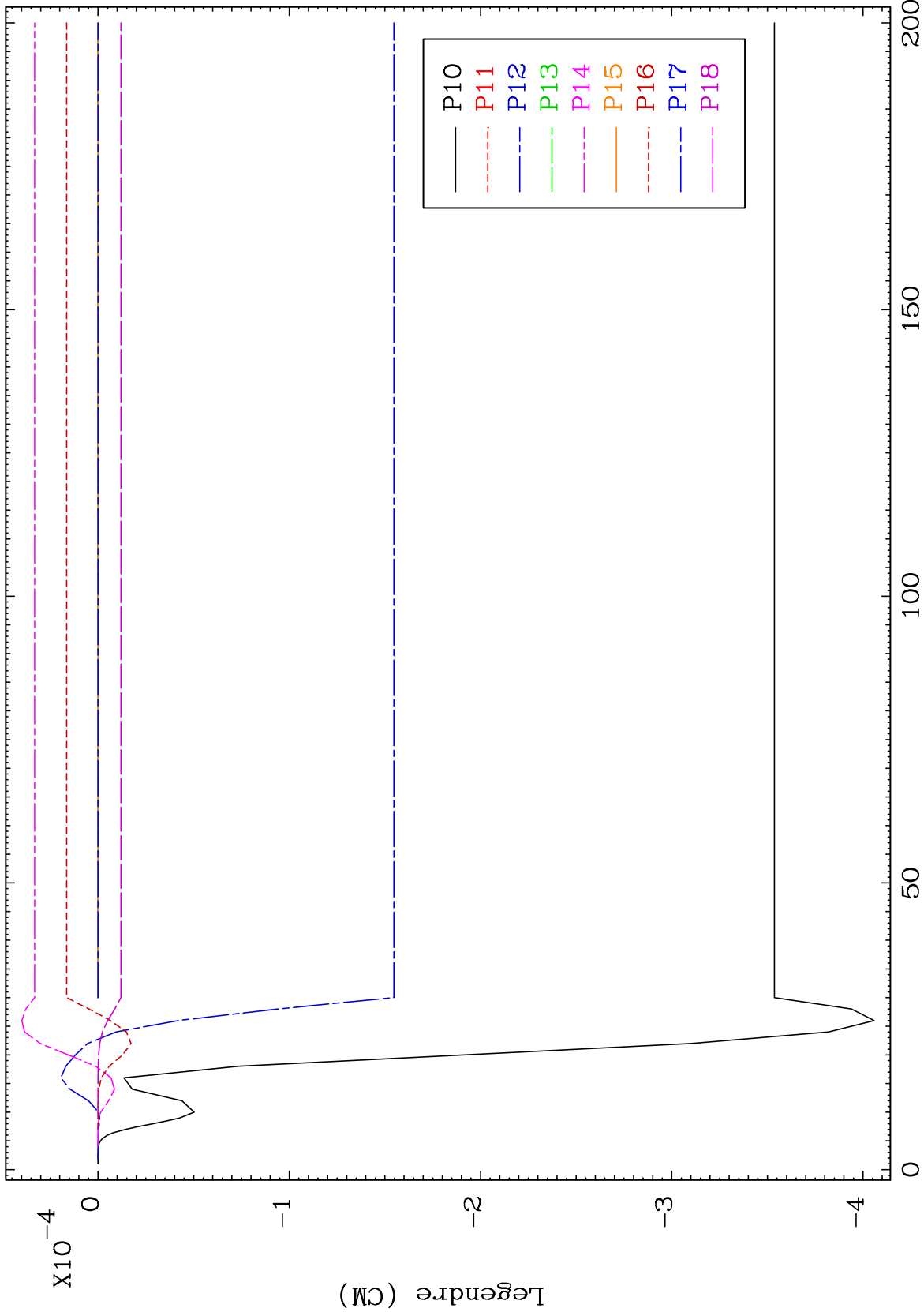


MAT 5498

MT= 75 (n,n') Level

55-Cs-124

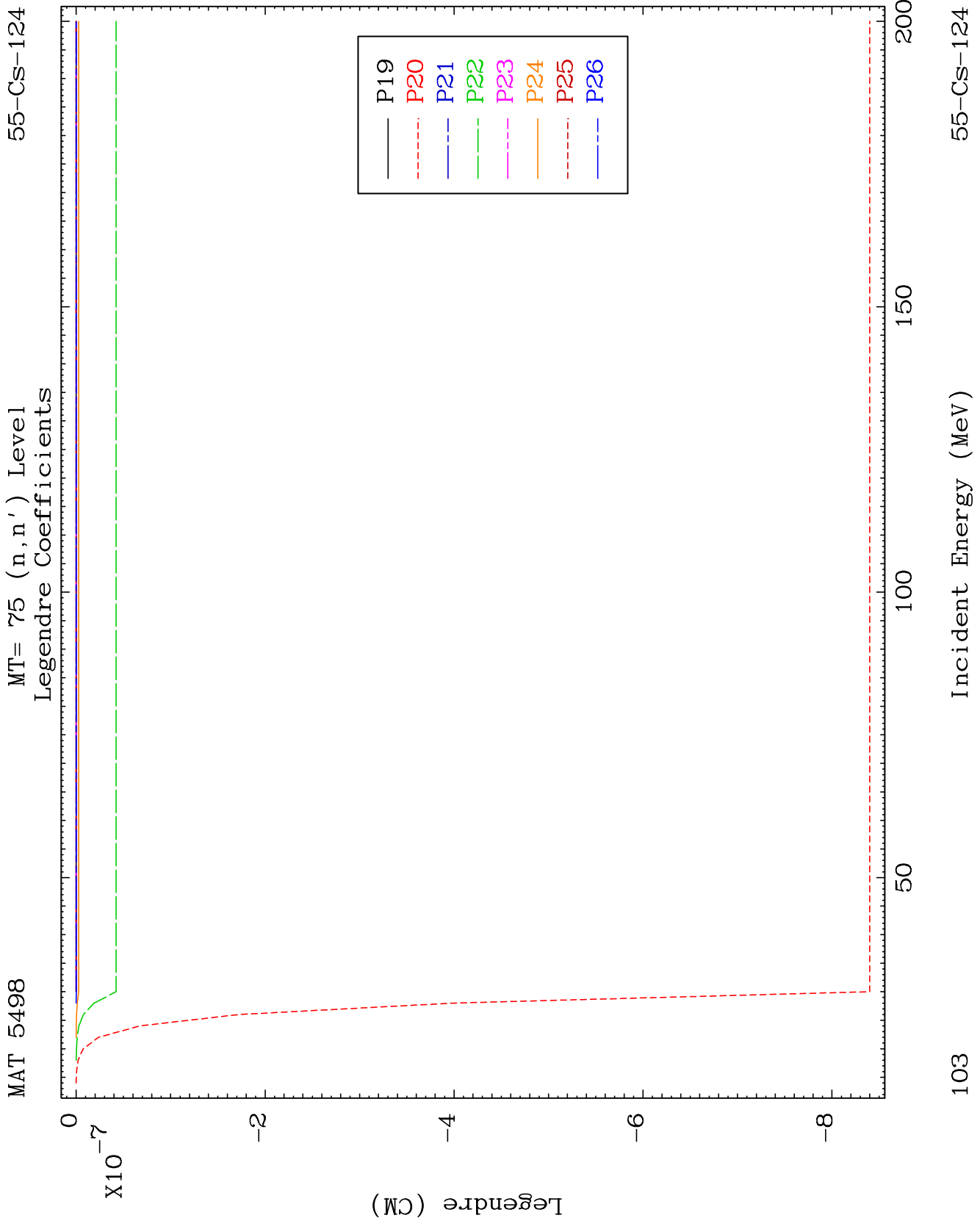
Legendre Coefficients



102

Incident Energy (MeV)

55-Cs-124

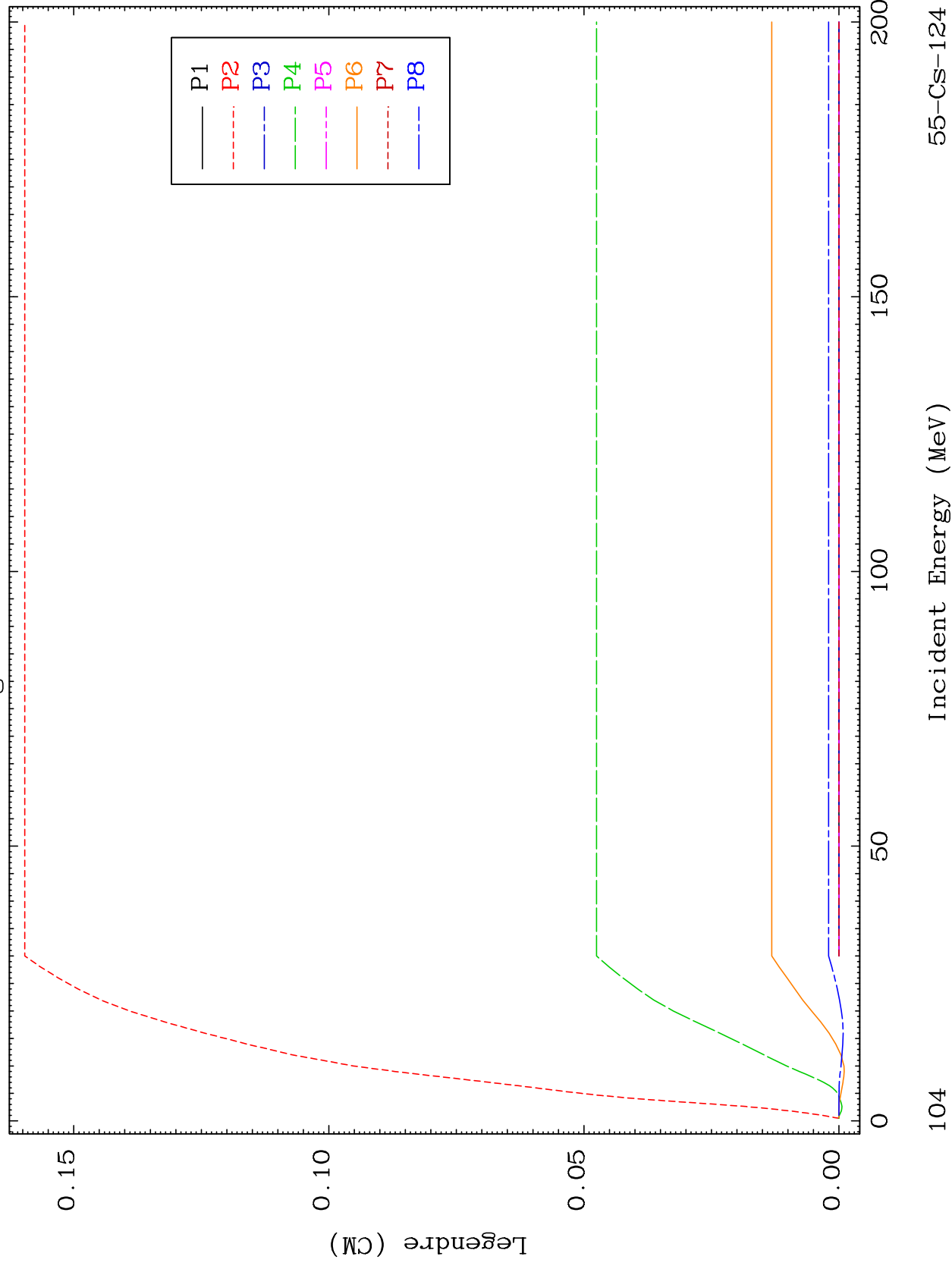




MAT 5498

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

55-Cs-124



55-Cs-124

Incident Energy (MeV)

104

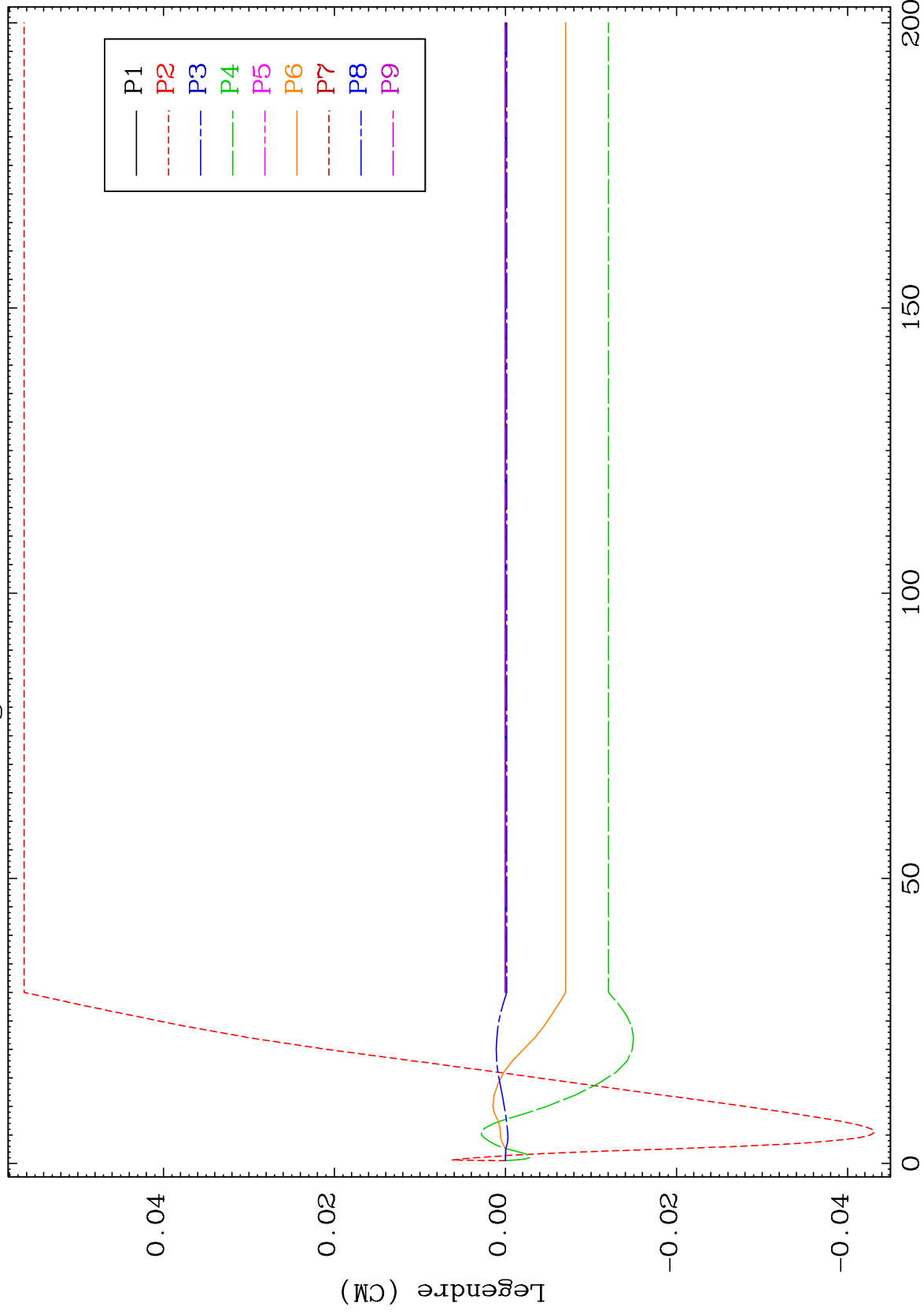




MAT 5498

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

55-Cs-124



107

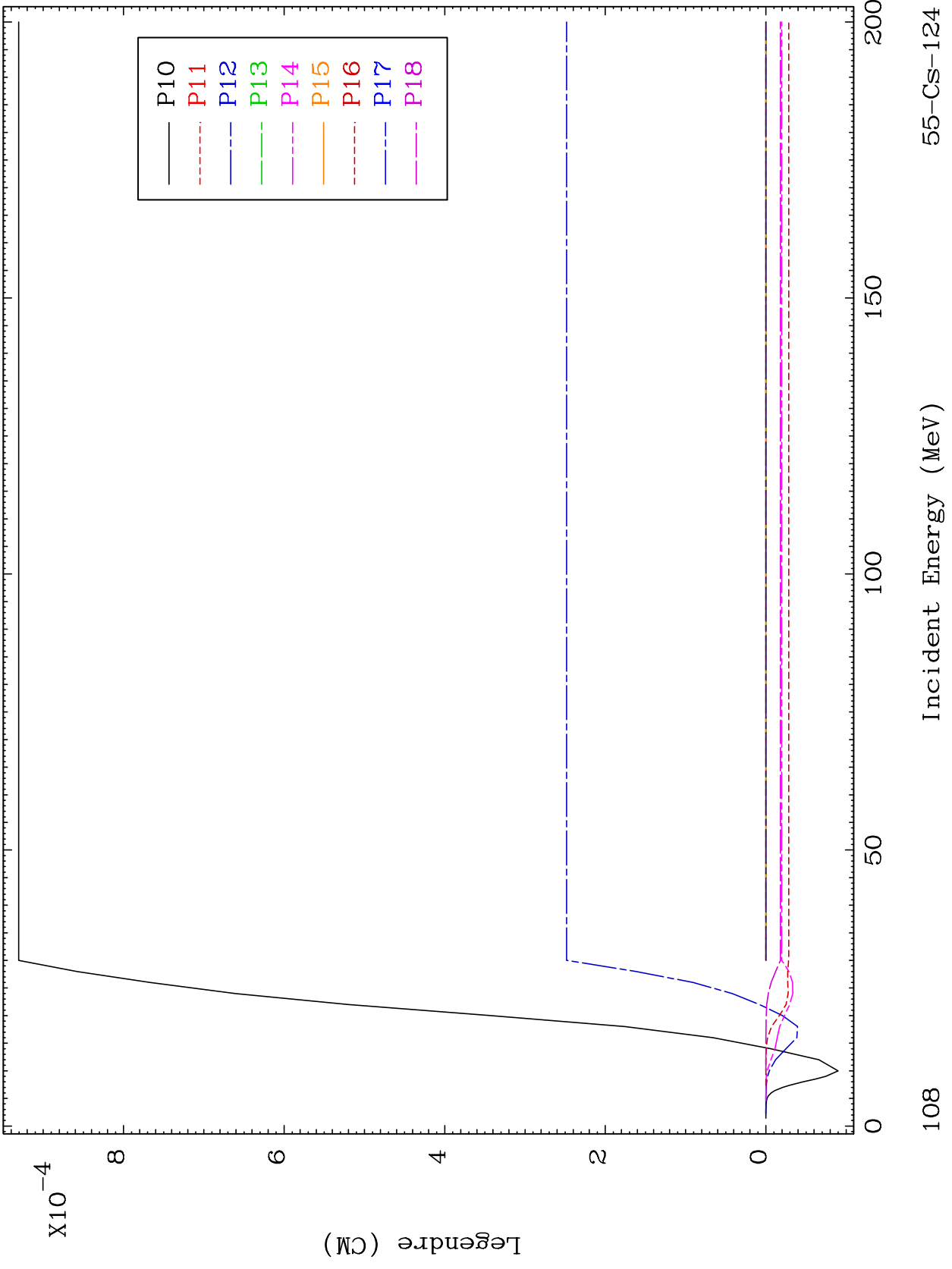
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

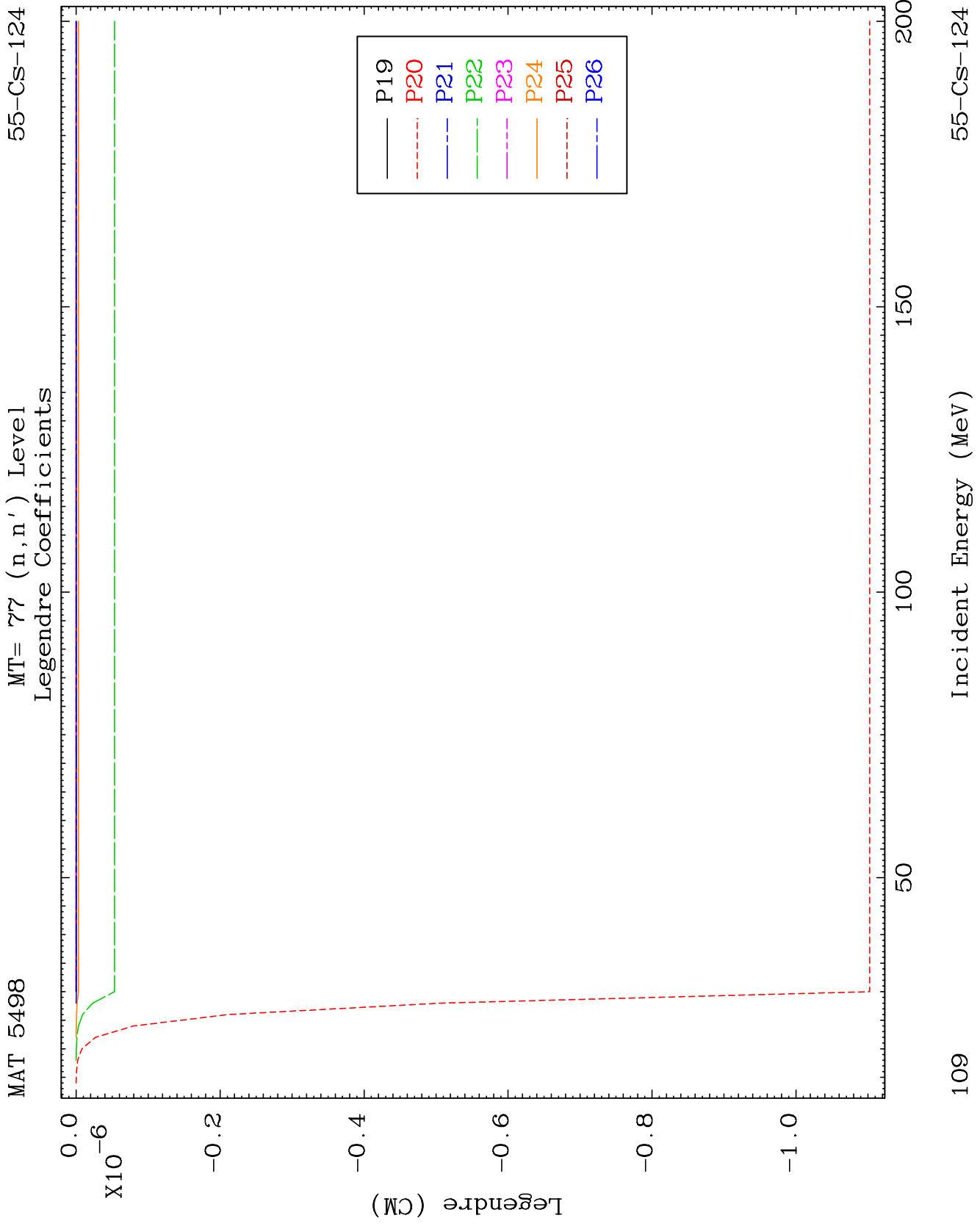
55-Cs-124



55-Cs-124

Incident Energy (MeV)

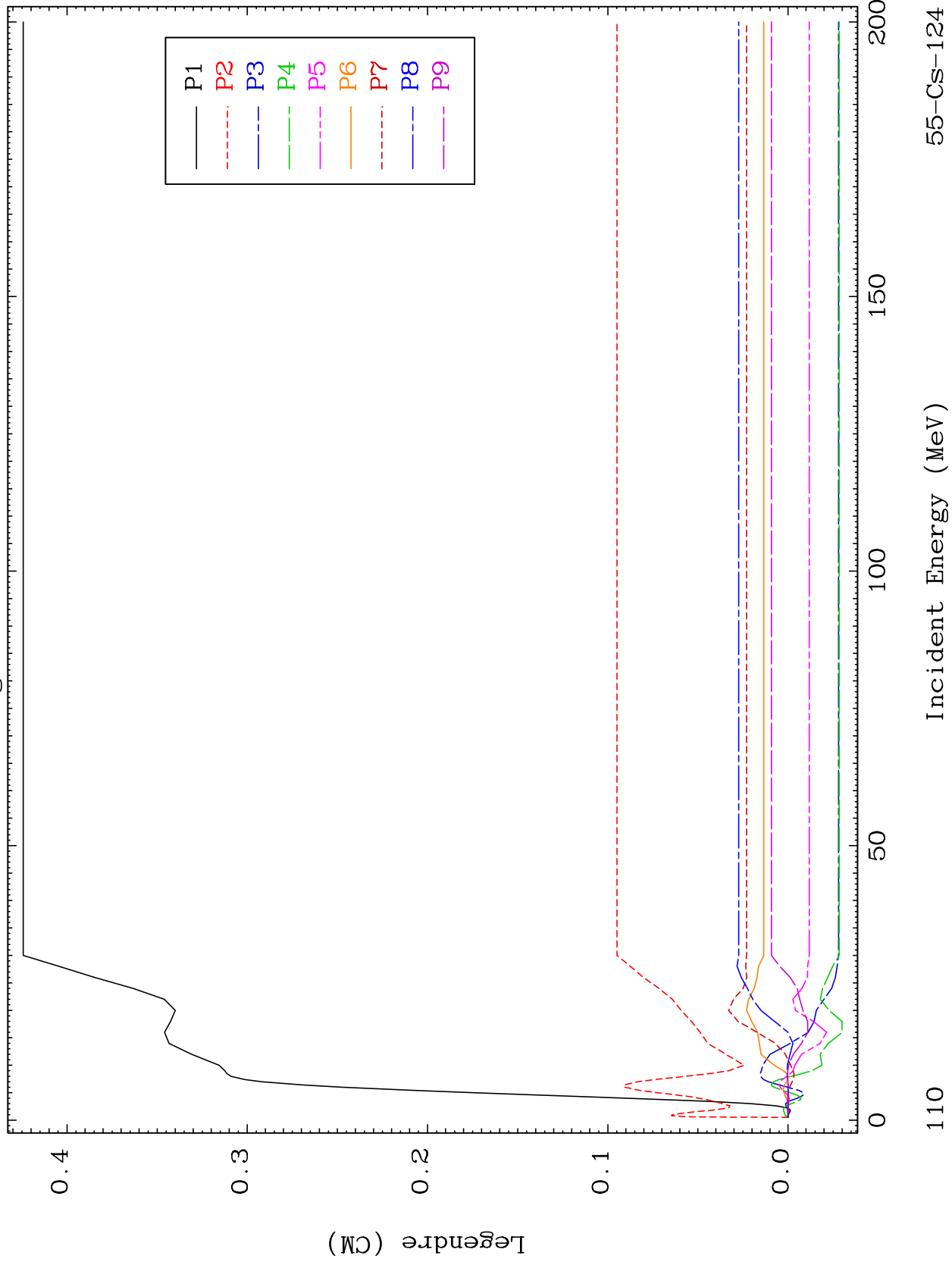
108



MAT 5498

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

55-Cs-124



55-Cs-124

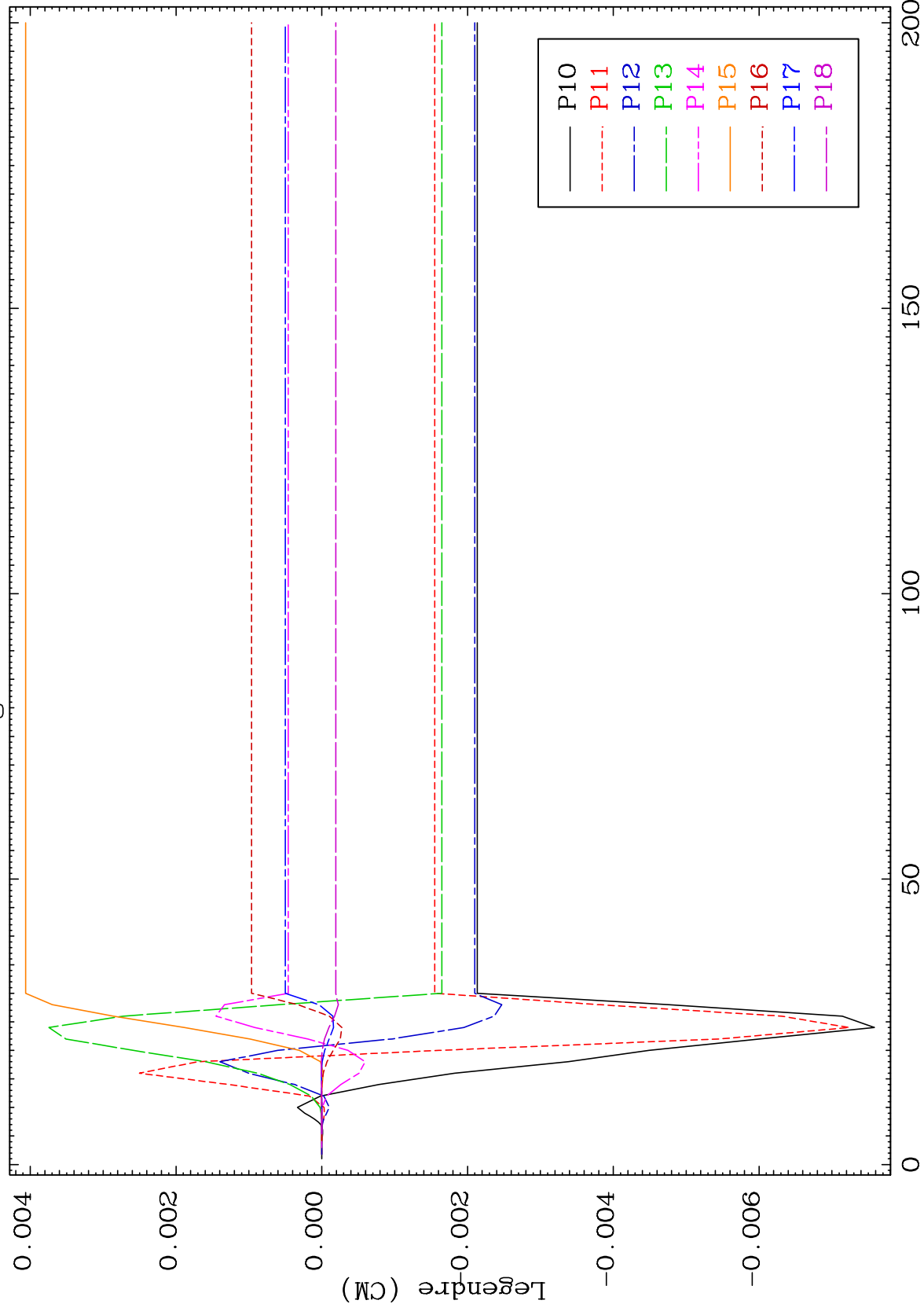
Incident Energy (MeV)

110

MAT 5498

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

55-Cs-124



111

Incident Energy (MeV)

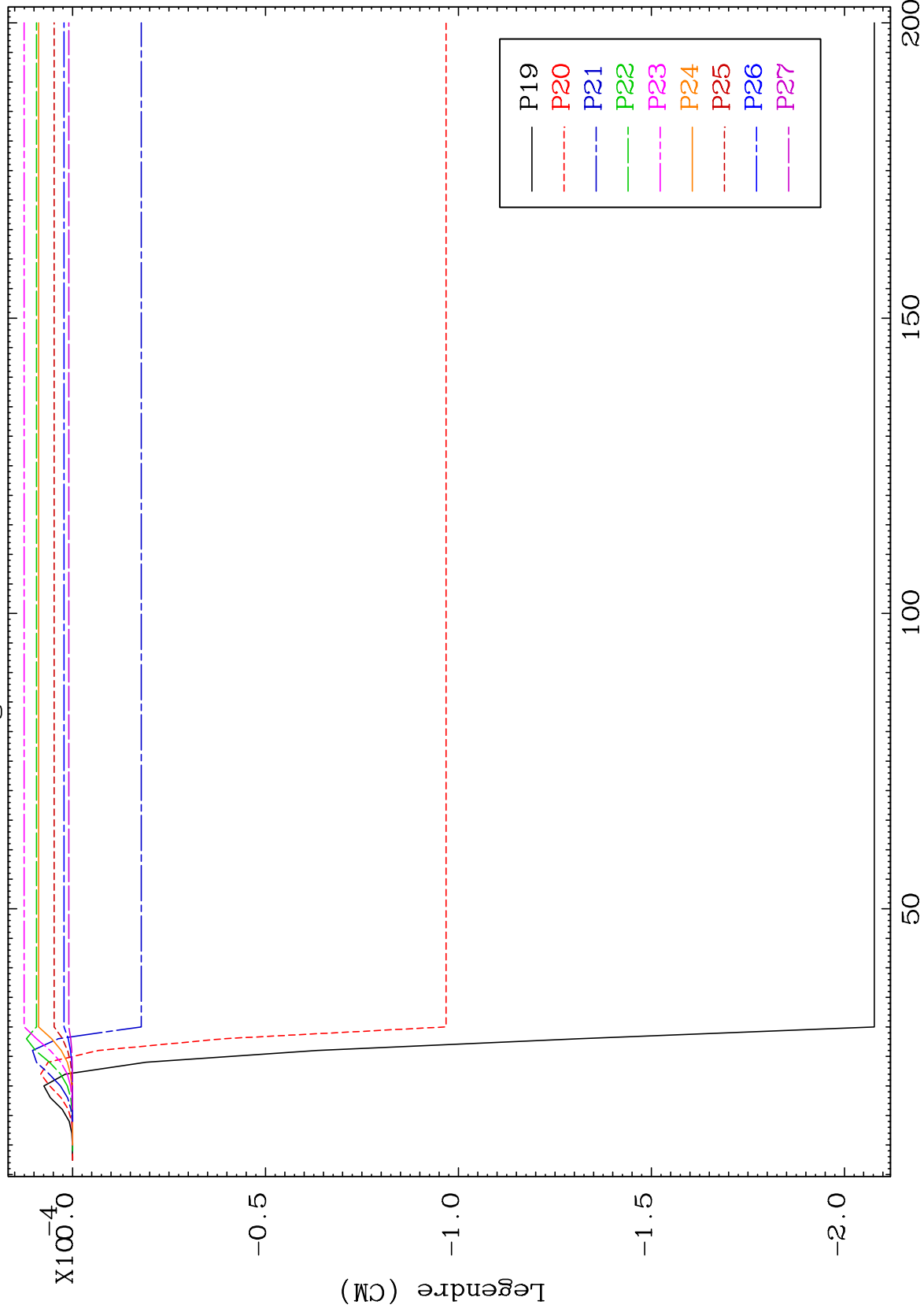
55-Cs-124



MAT 5498

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

55-Cs-124



112

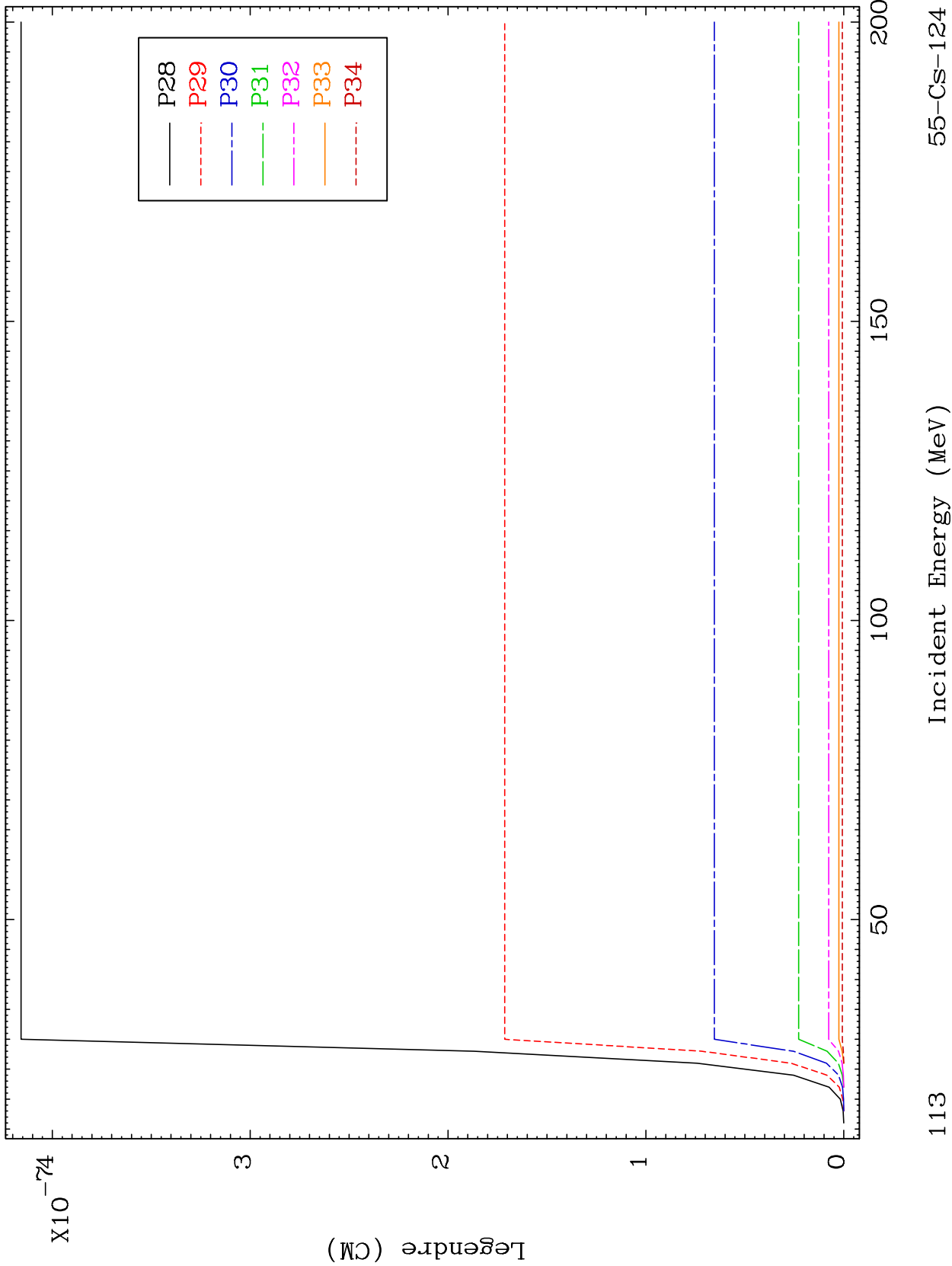
Incident Energy (MeV)

55-Cs-124

MAT 5498

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

55-Cs-124



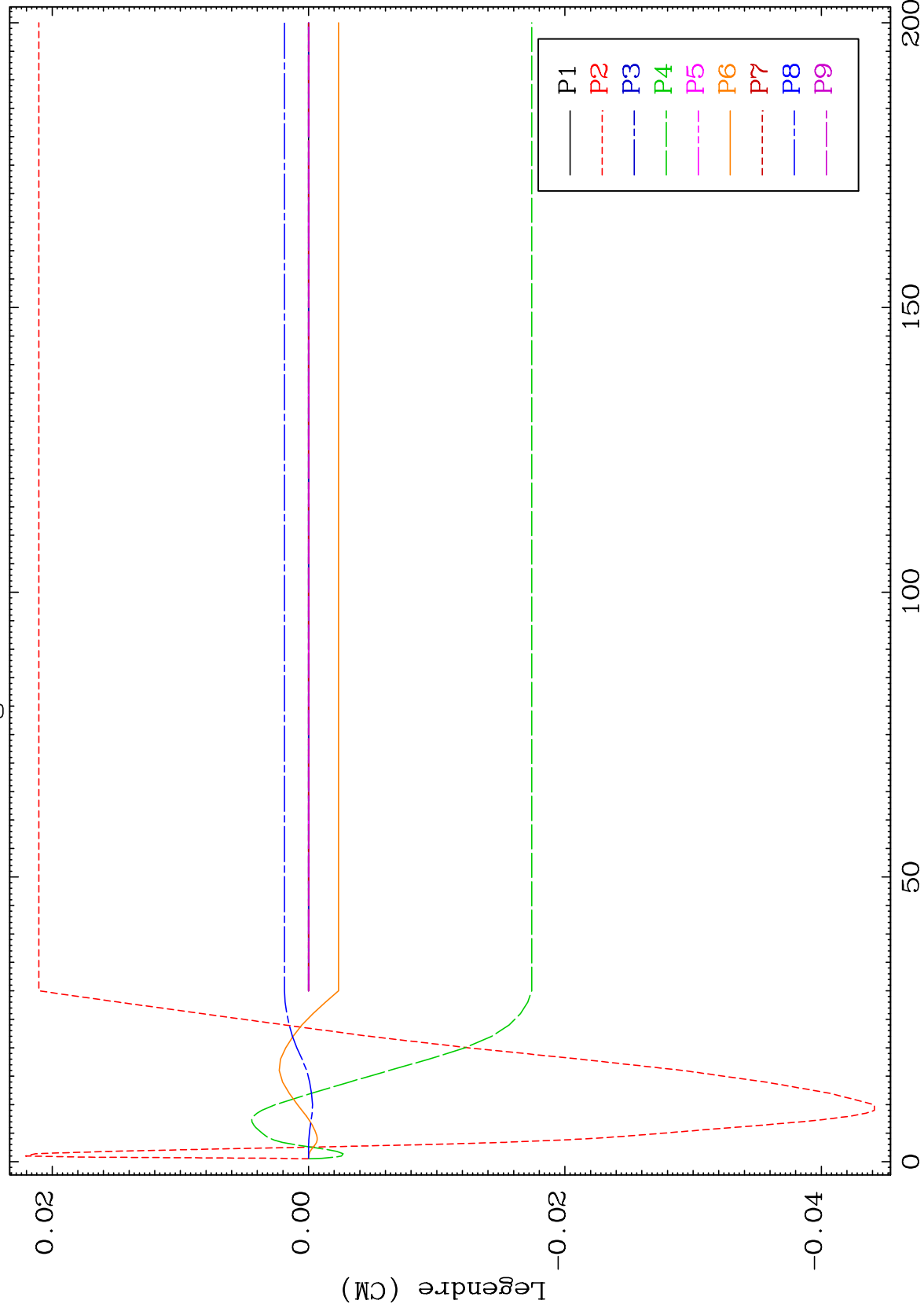
113

55-Cs-124

MAT 5498

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

55-Cs-124



55-Cs-124

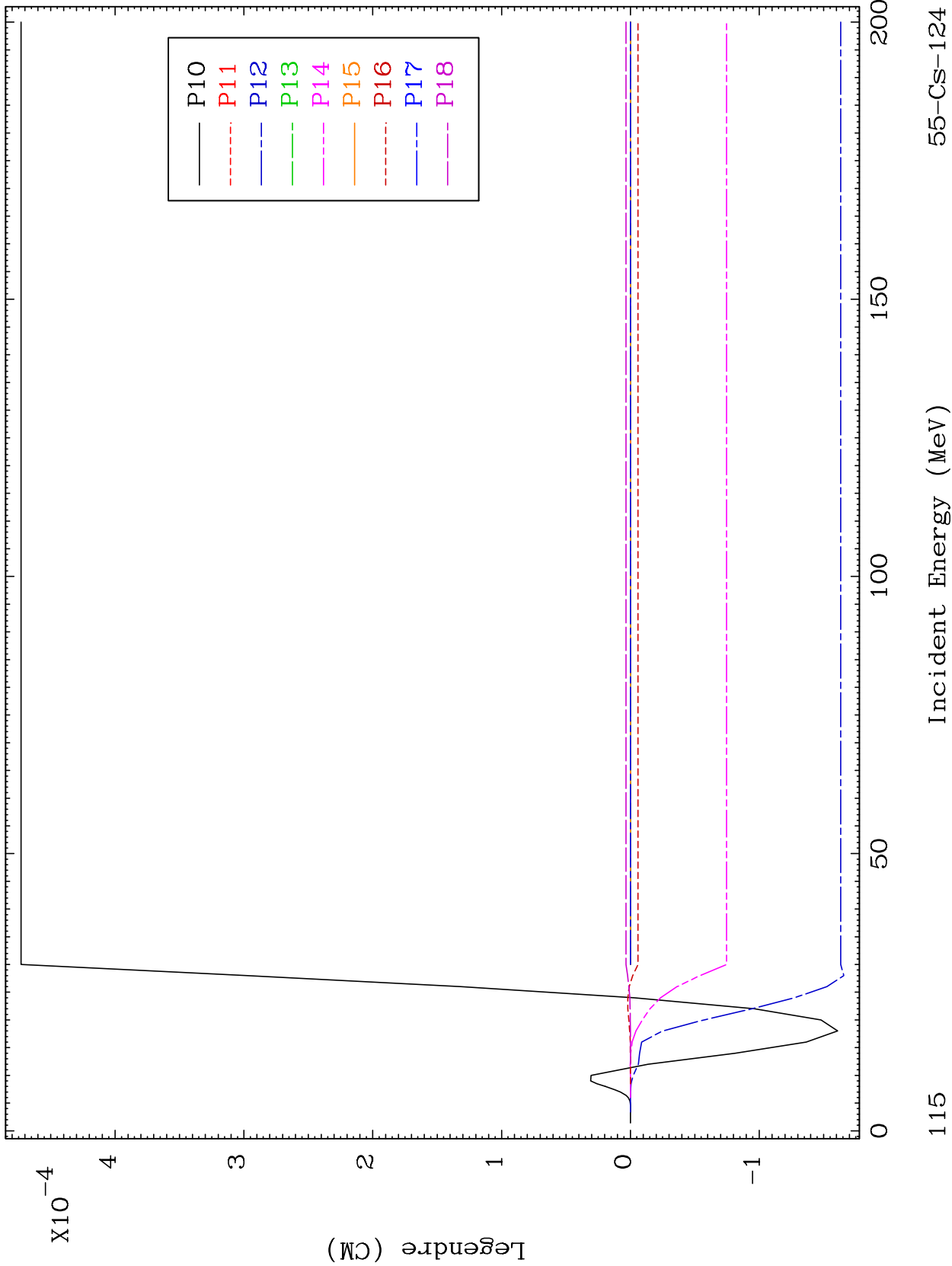
Incident Energy (MeV)

114

MAT 5498

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

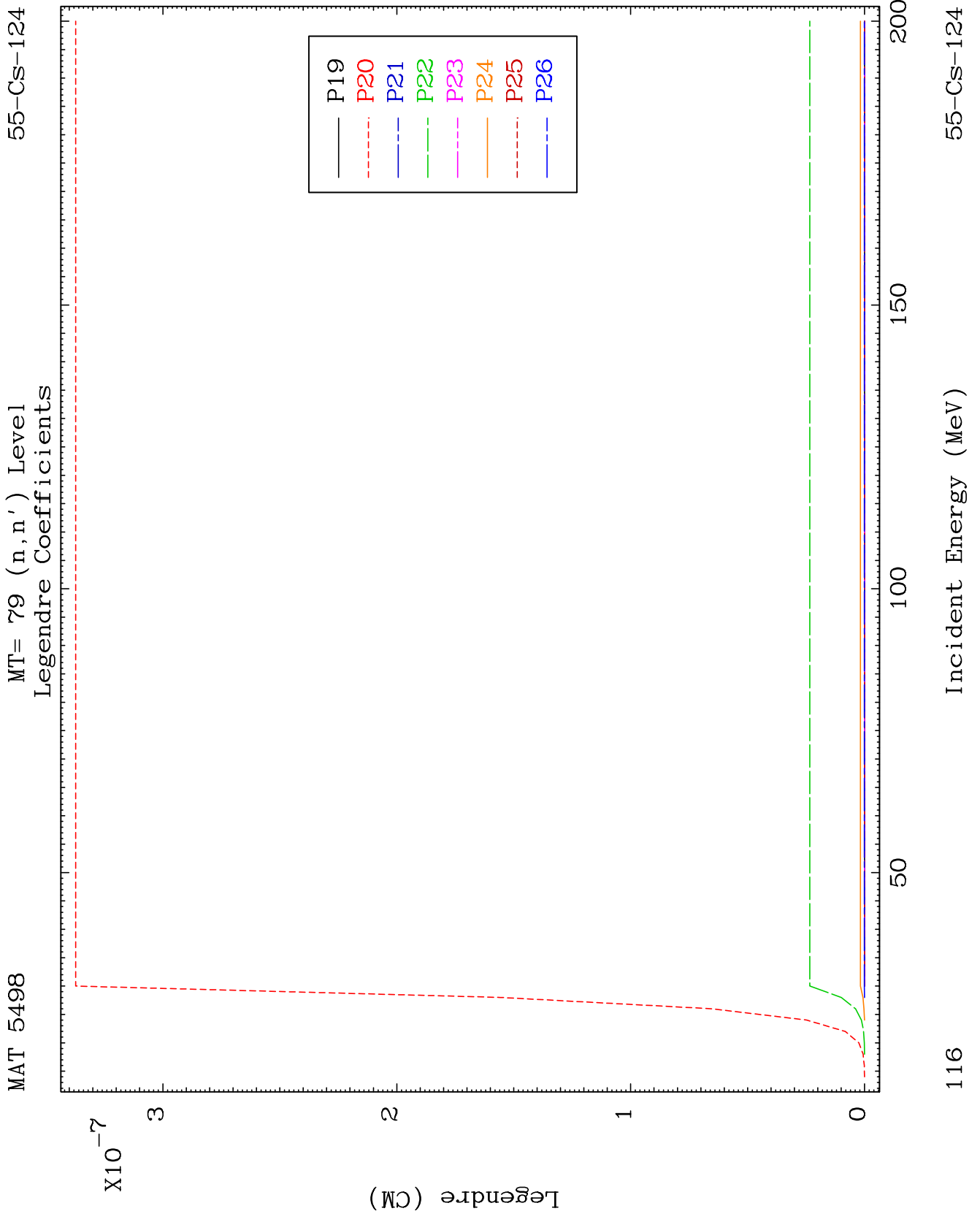
55-Cs-124

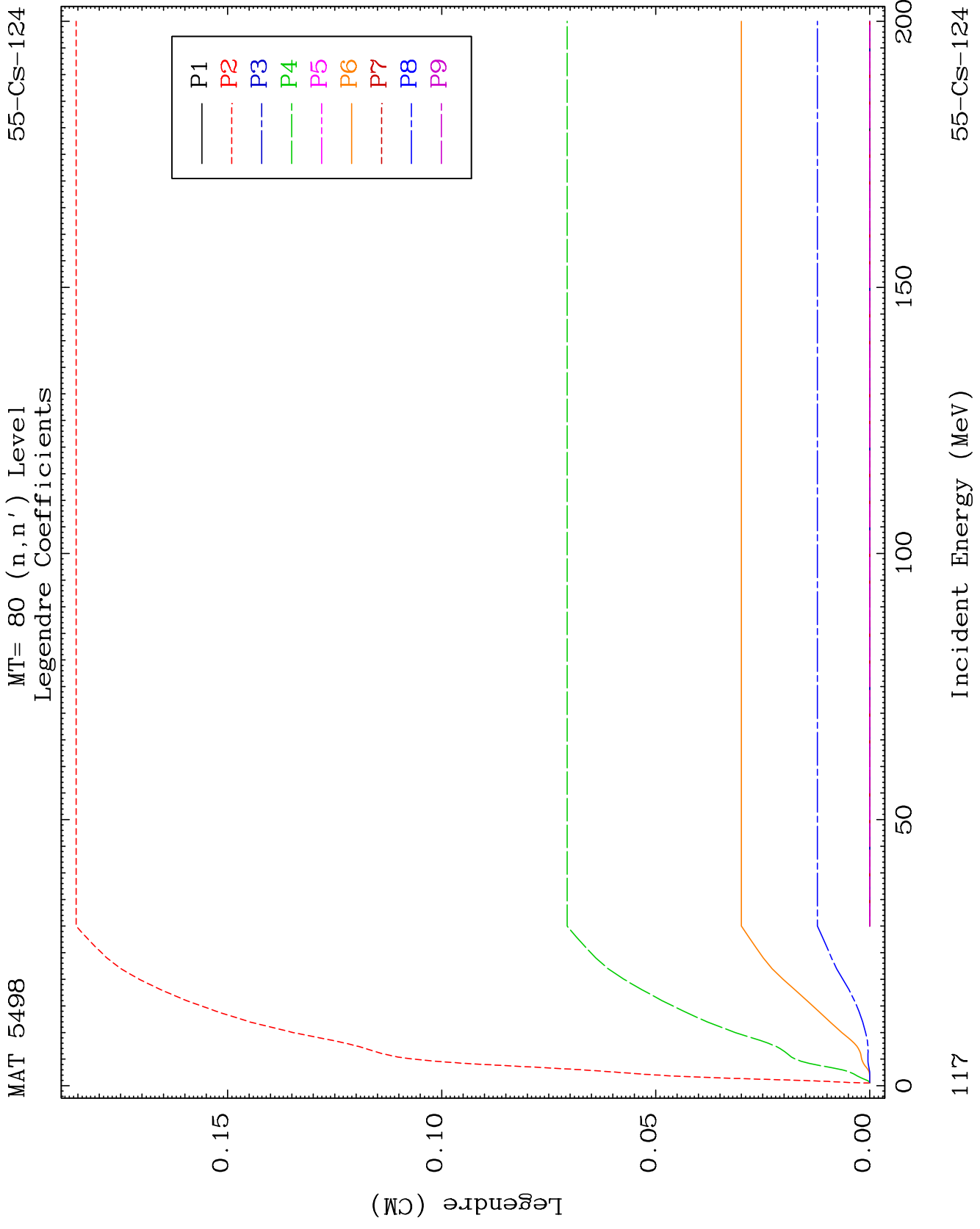


55-Cs-124

Incident Energy (MeV)

115

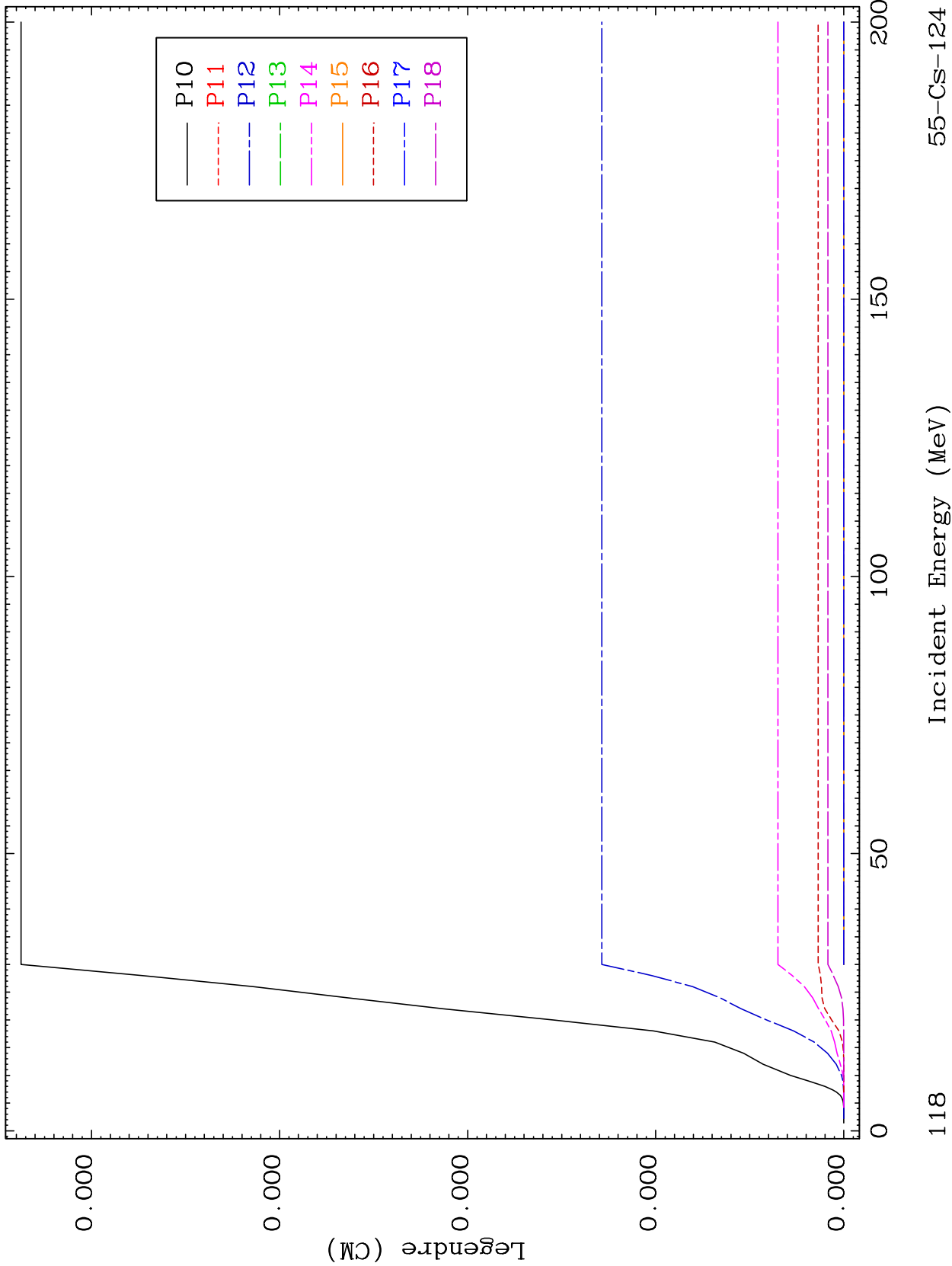


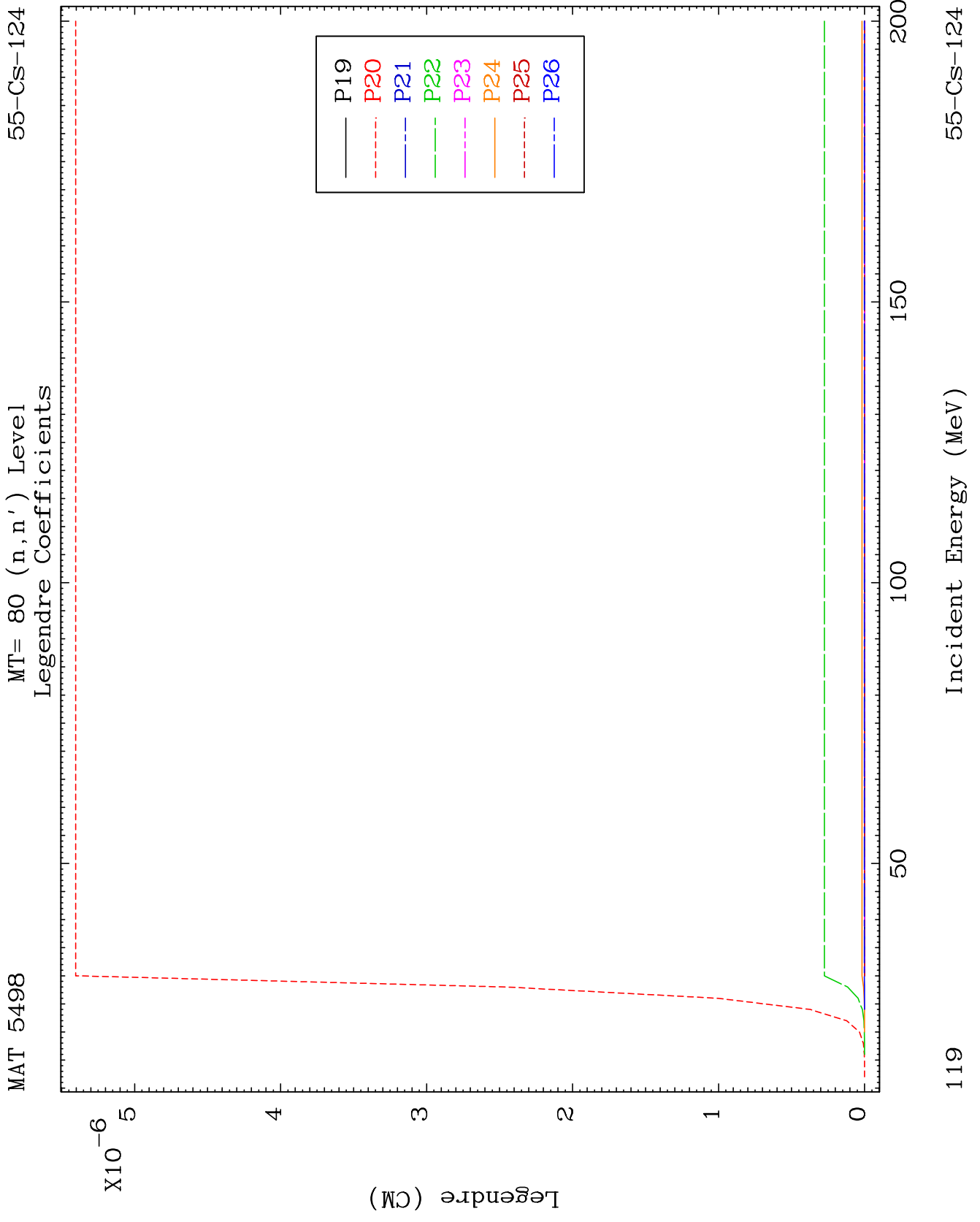


MAT 5498

MT= 80 (n,n') Level  
Legendre Coefficients

55-Cs-124



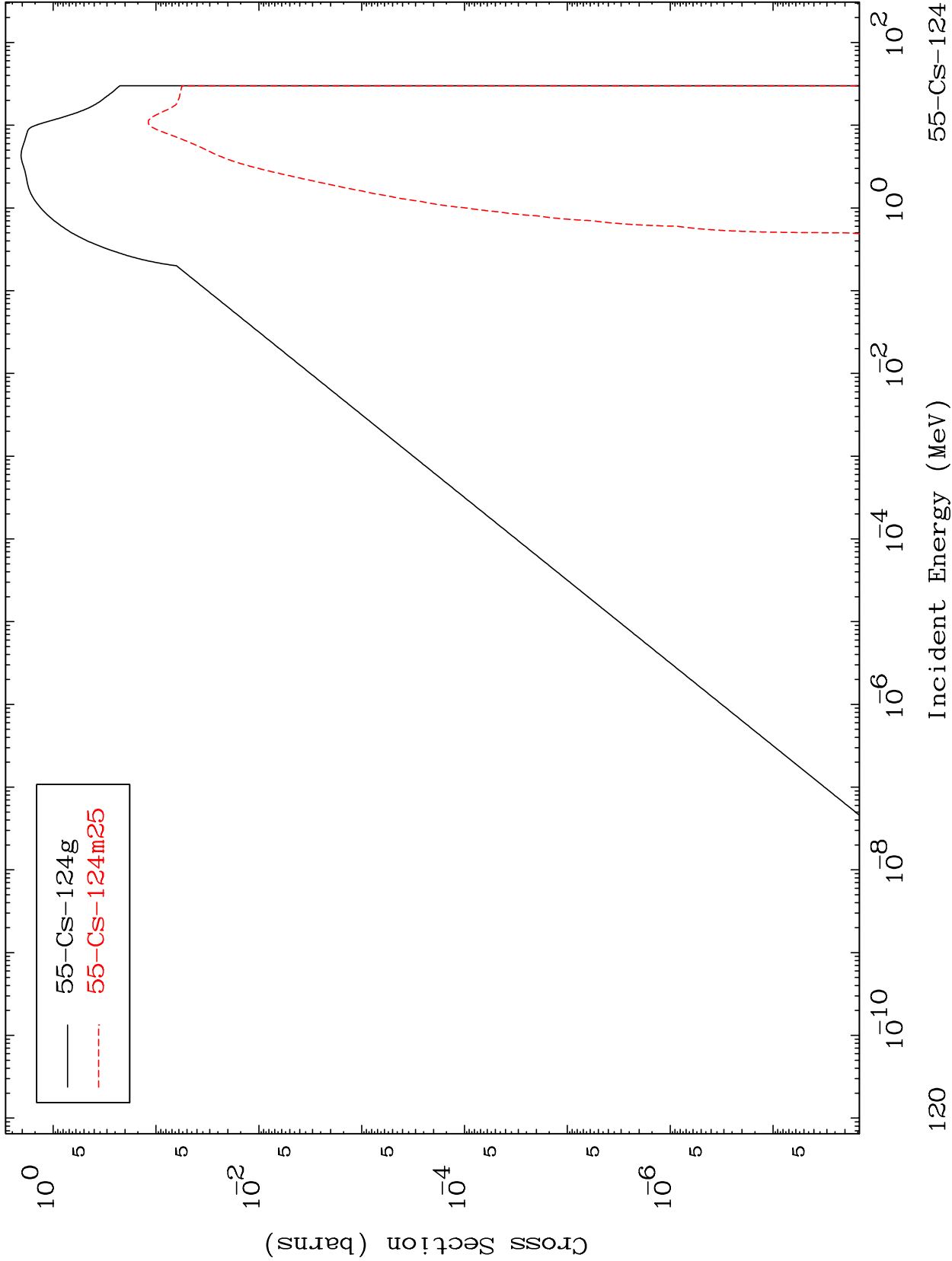




MAT 5498

Inelastic  
Radionuclide Production Cross Section

55-Cs-124



55-Cs-124g  
55-Cs-124m25

120

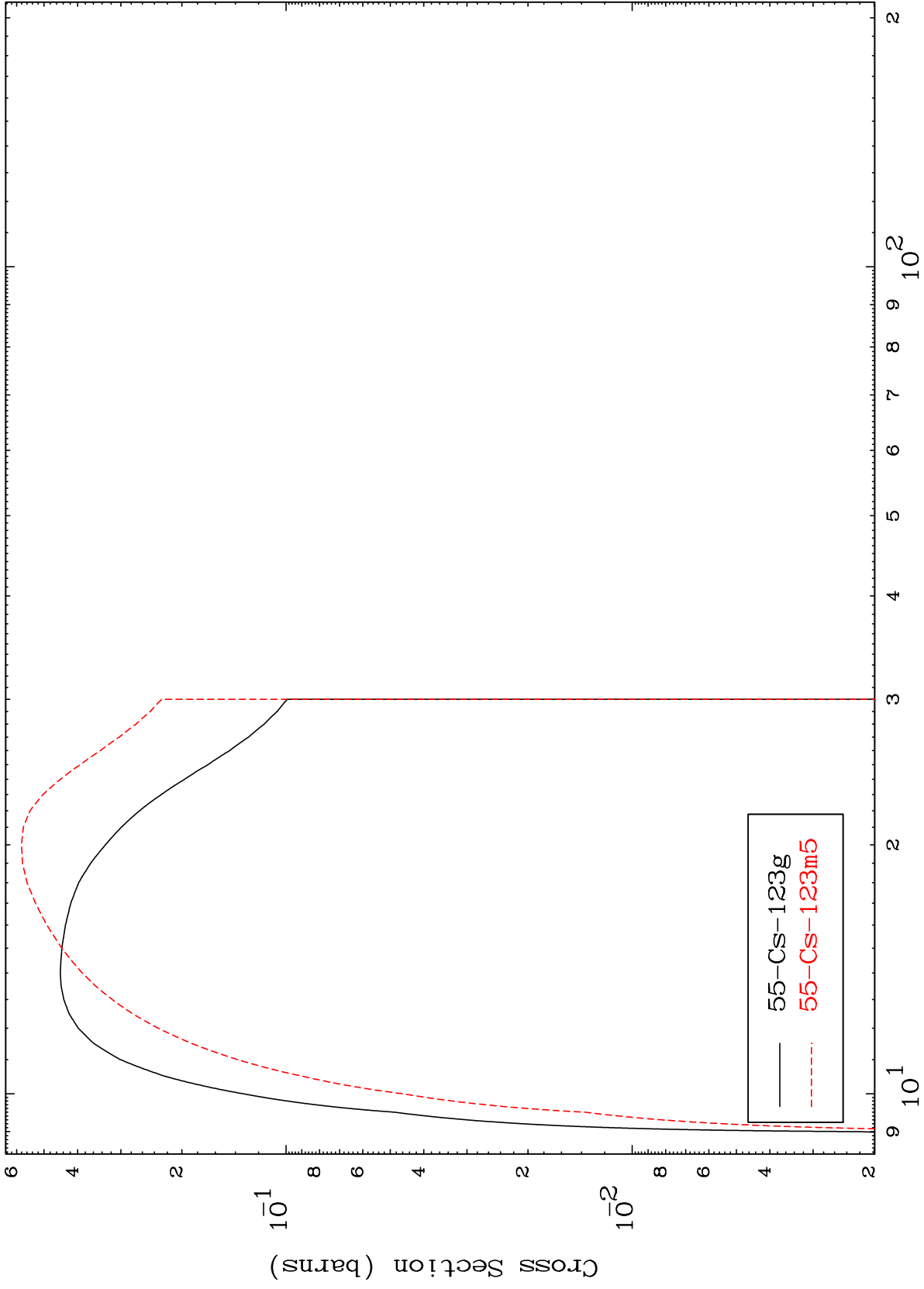
55-Cs-124

MAT 5498

(n,2n)

55-Cs-124

Radionuclide Production Cross Section



121

Incident Energy (MeV)

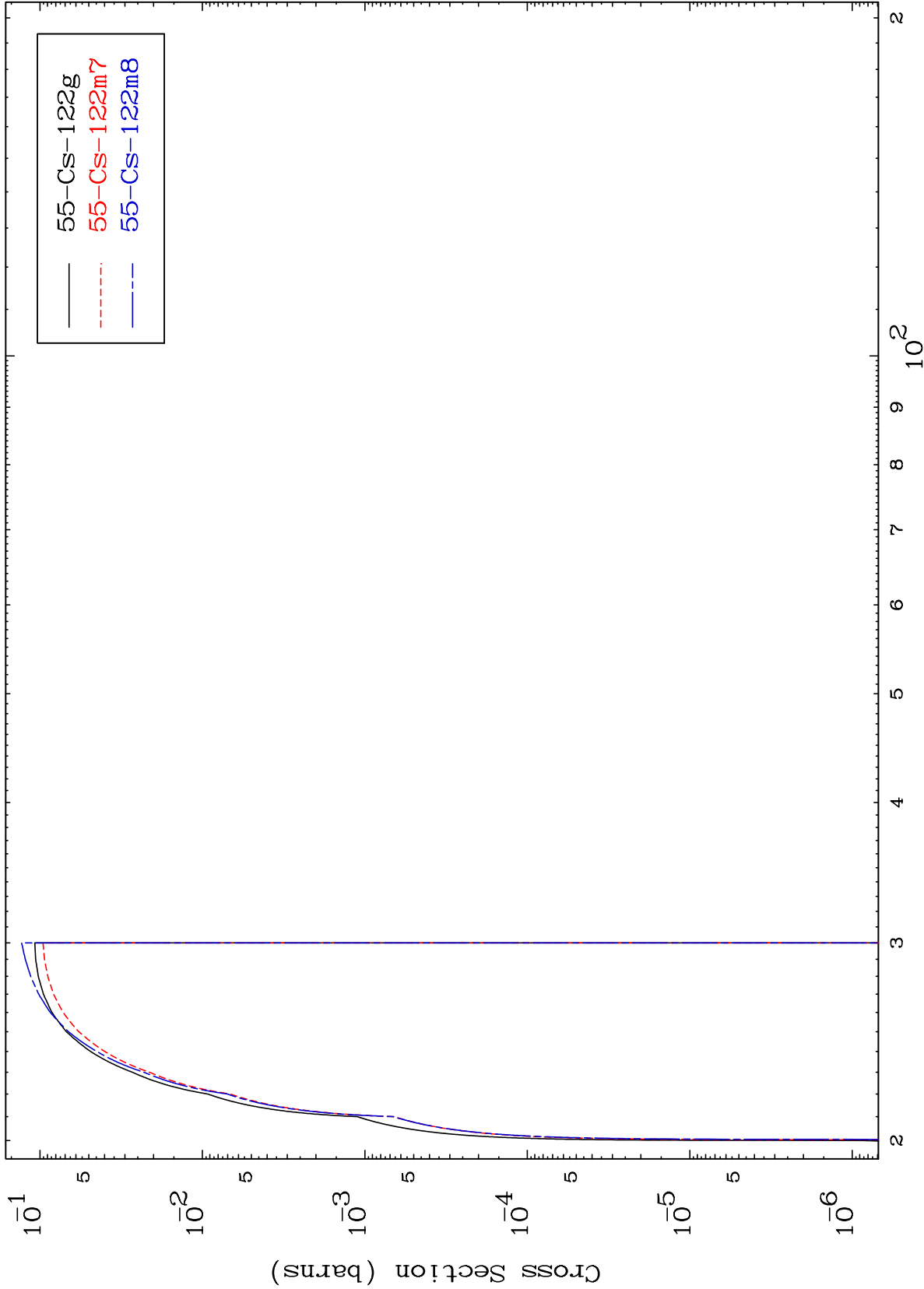
55-Cs-124

MAT 5498

(n,3n)

55-Cs-124

Radionuclide Production Cross Section



122

Incident Energy (MeV)

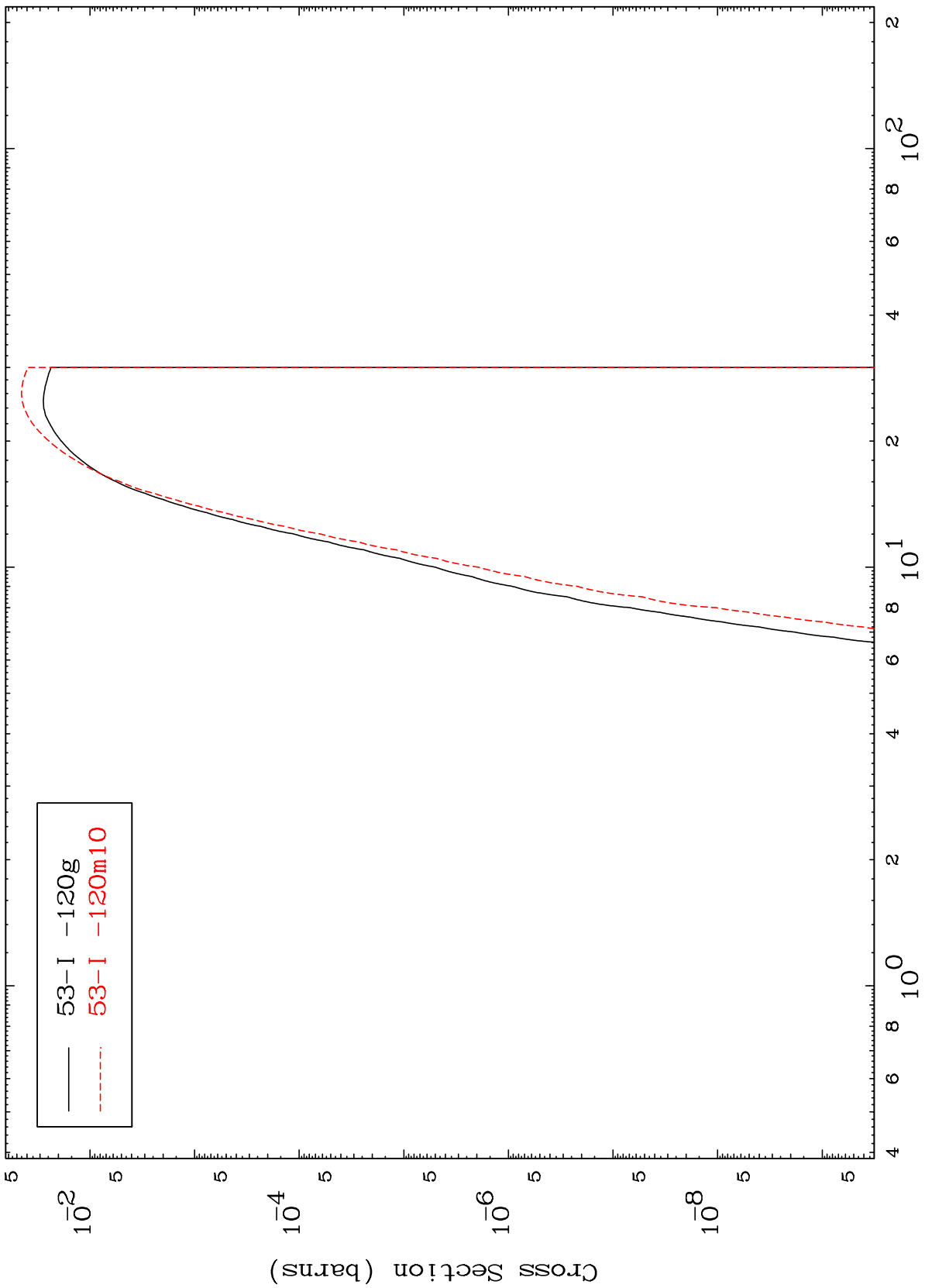
55-Cs-124

MAT 5498

(n,n')  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



53-I -120g  
53-I -120m10

123

Incident Energy (MeV)

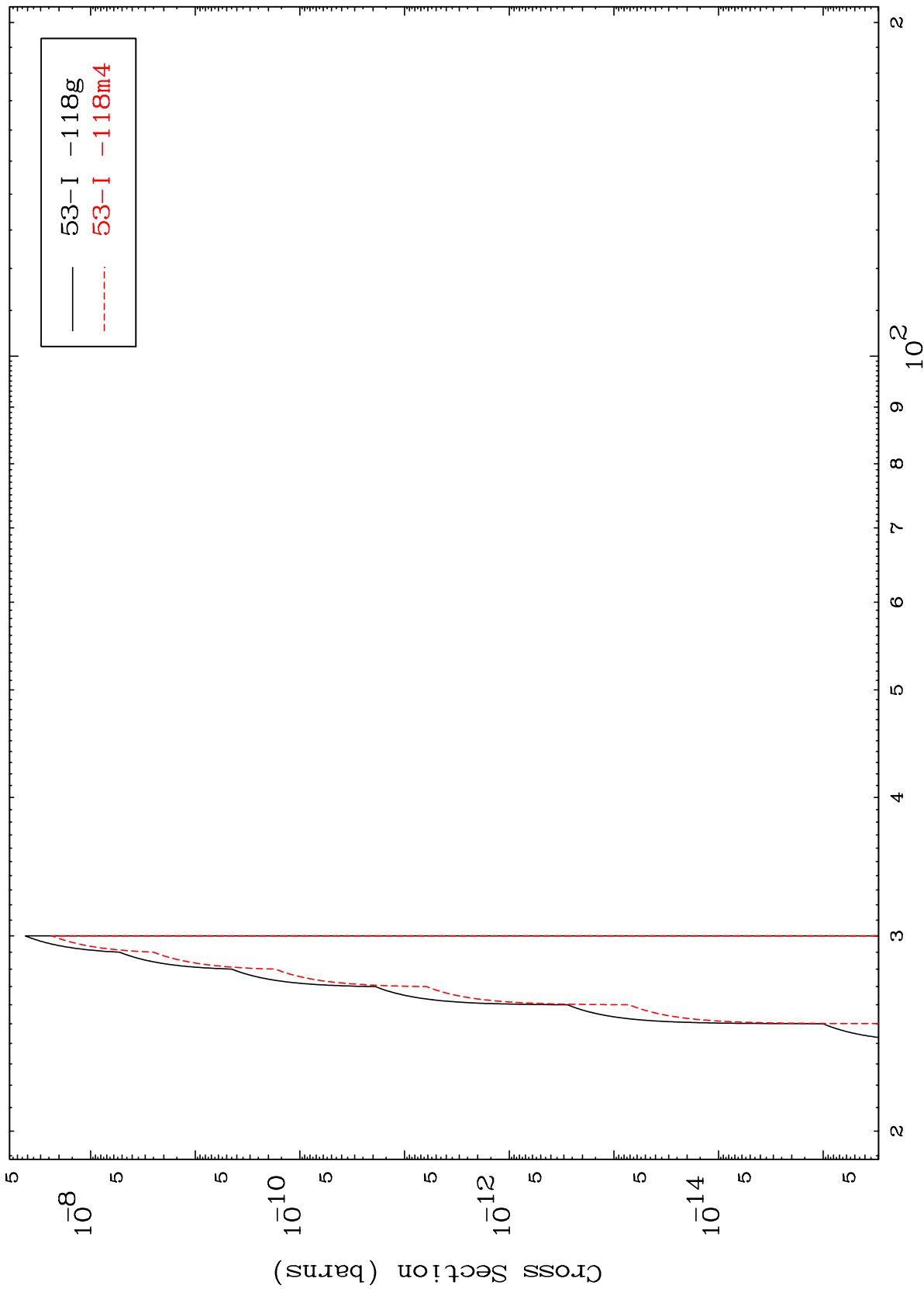
55-Cs-124

MAT 5498

(n,3n)  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



124

Incident Energy (MeV)

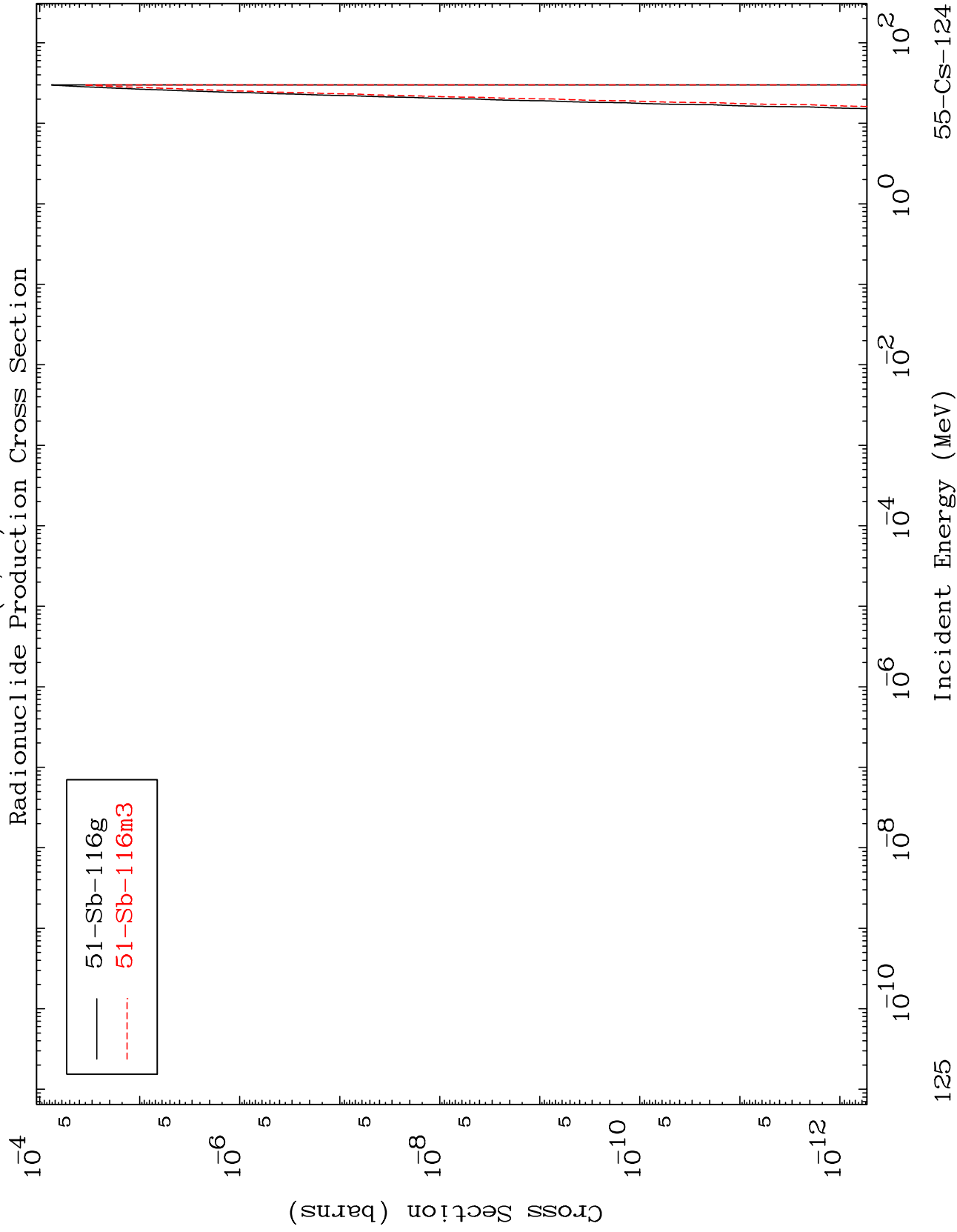
55-Cs-124

MAT 5498

(n,n') 2α

55-Cs-124

Radionuclide Production Cross Section

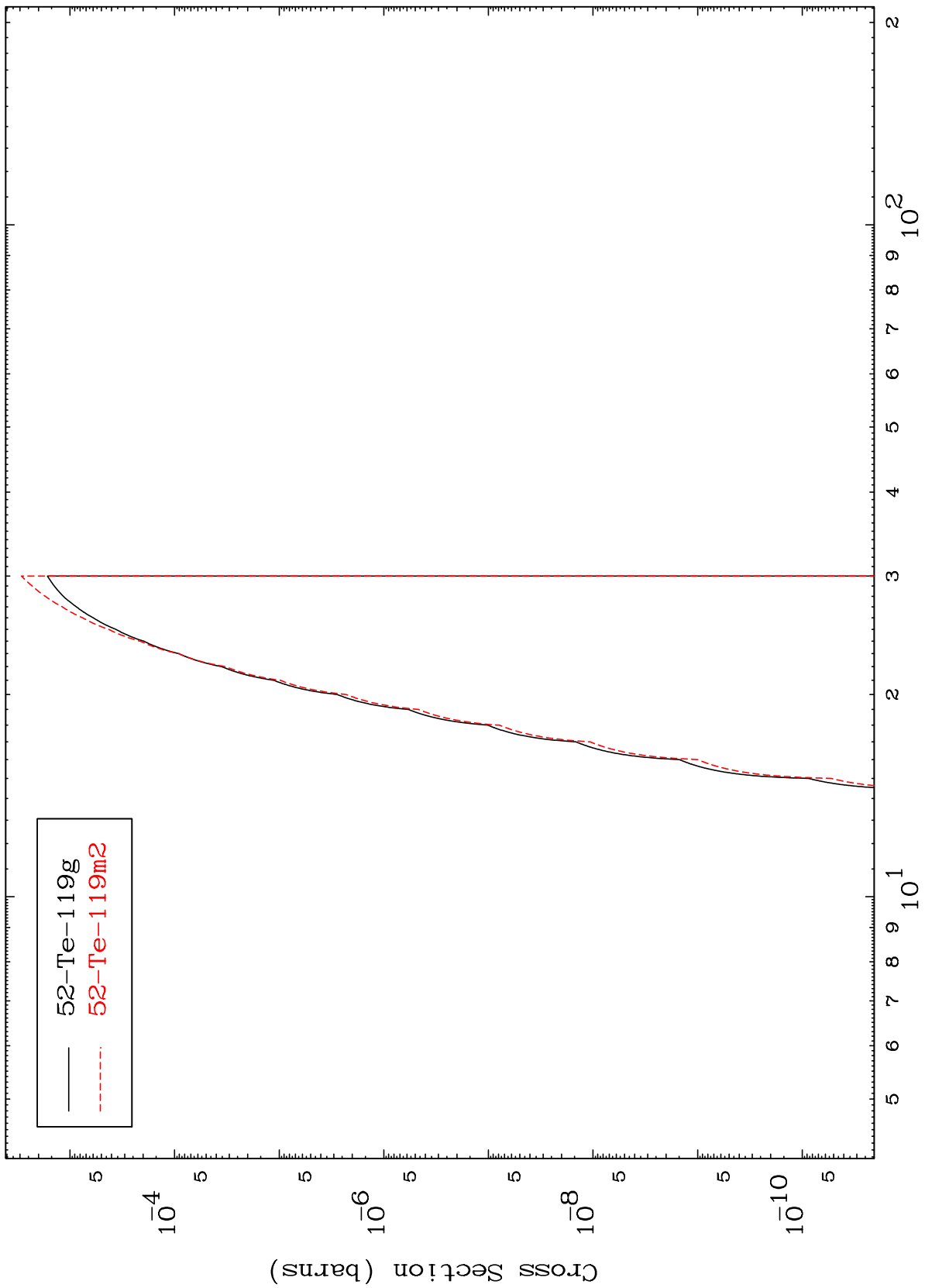


125

Incident Energy (MeV)

55-Cs-124

Radionuclide Production Cross Section

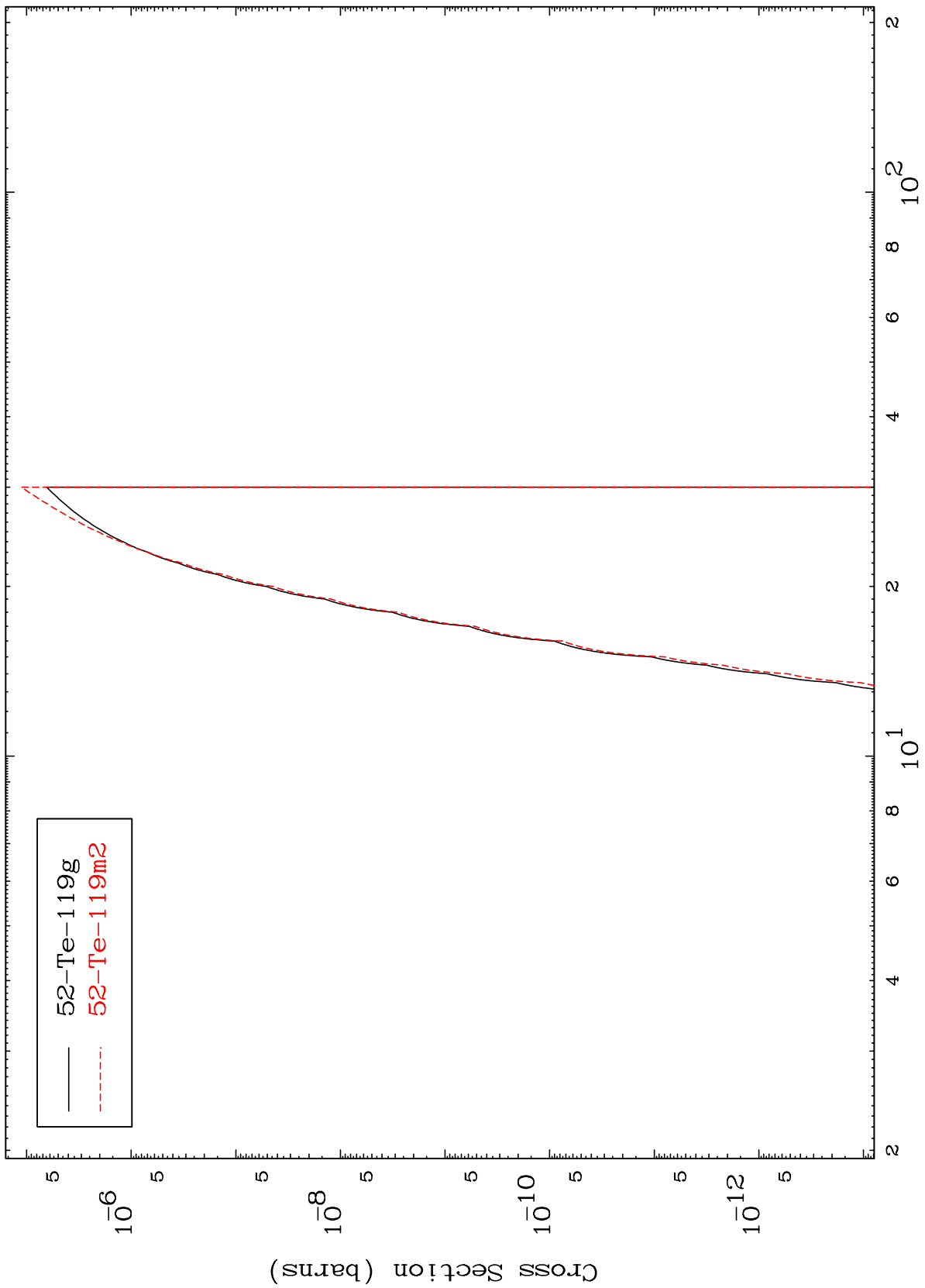


MAT 5498

(n,d)  $\alpha$

55-Cs-124

Radionuclide Production Cross Section



— 52-Te-119g  
- - - 52-Te-119m2

127

Incident Energy (MeV)

55-Cs-124