

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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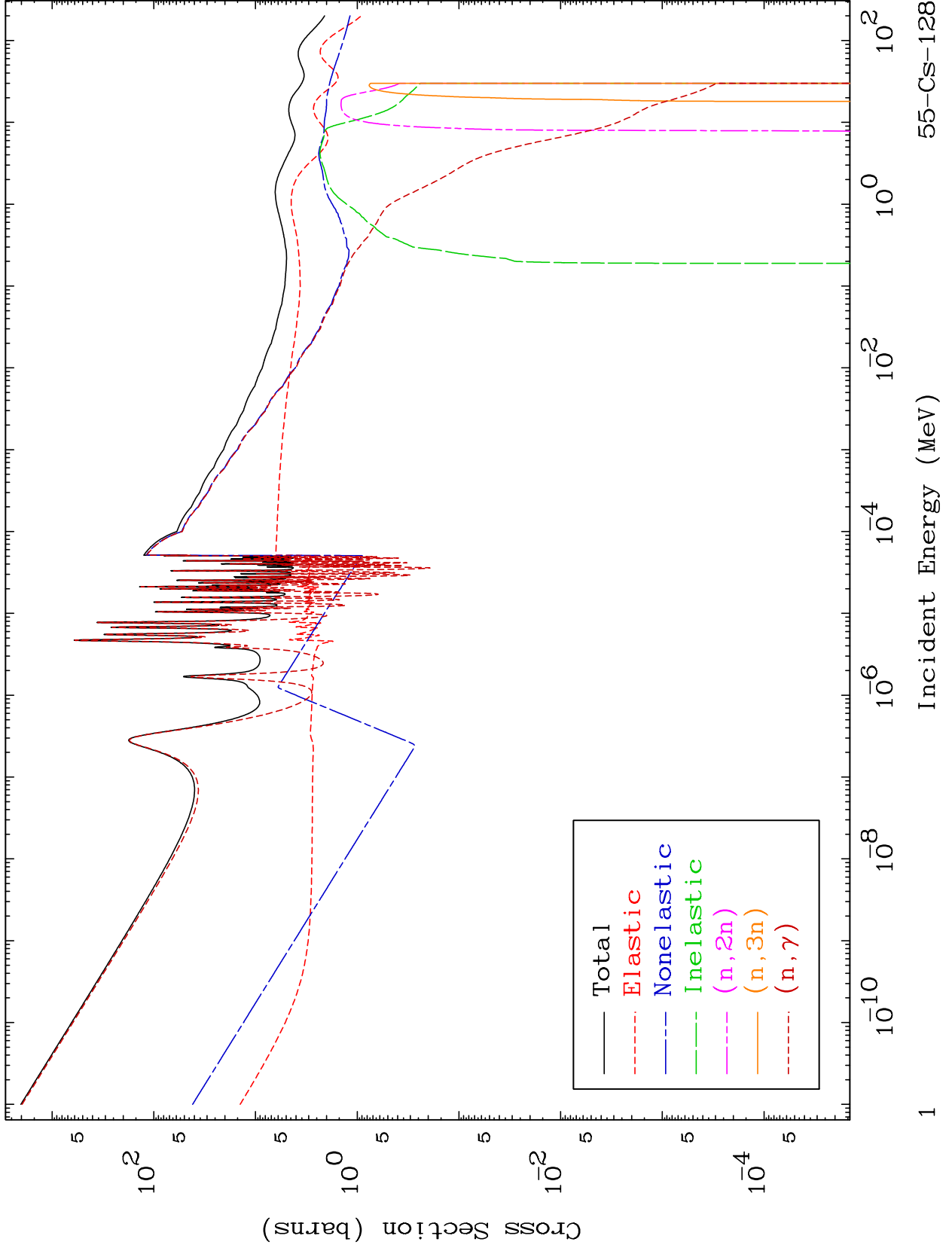
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5510

Neutron Major  
293 Kelvin Cross Sections

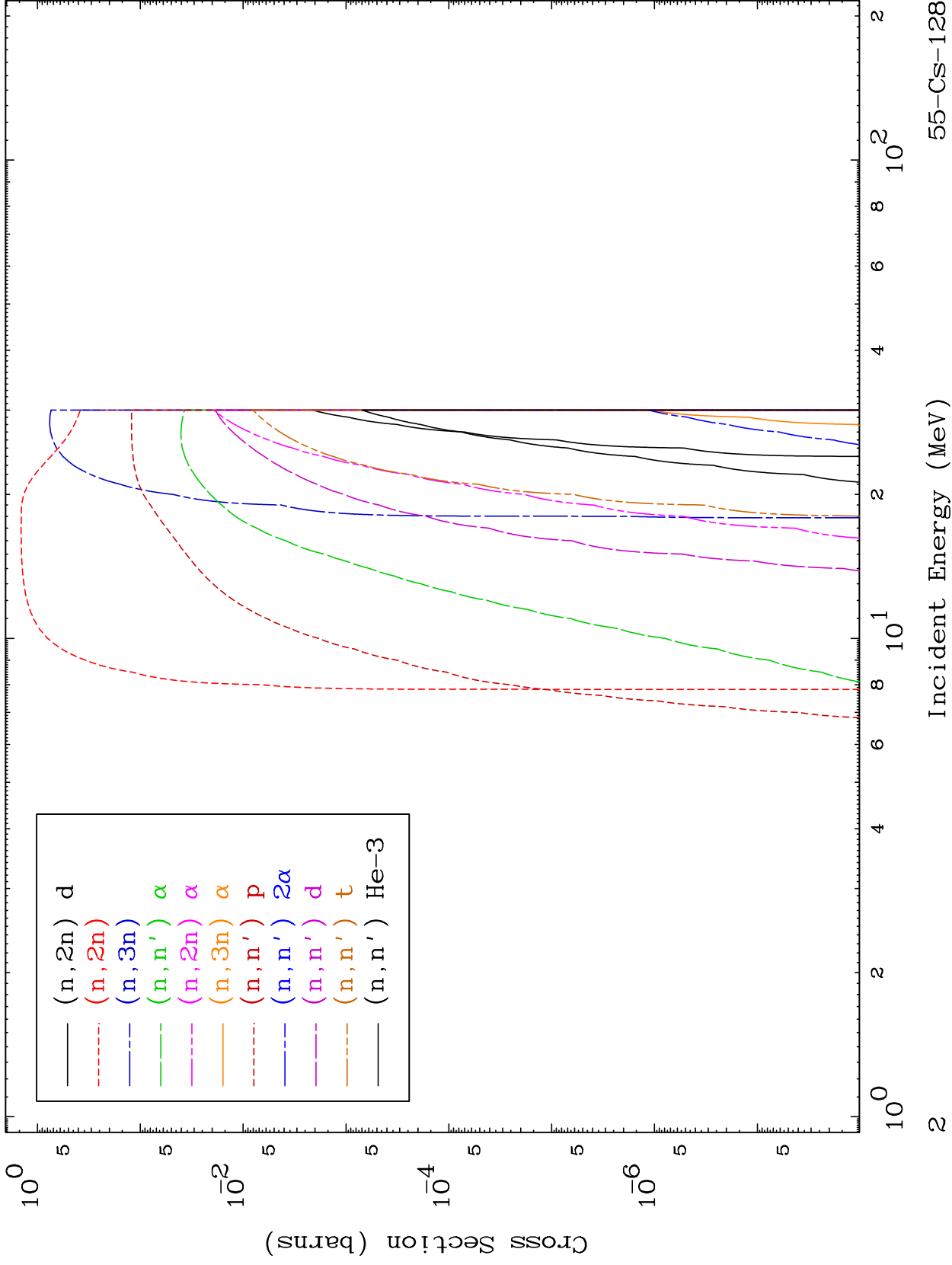
55-Cs-128



MAT 5510

Neutron Absorption  
293 Kelvin Cross Sections

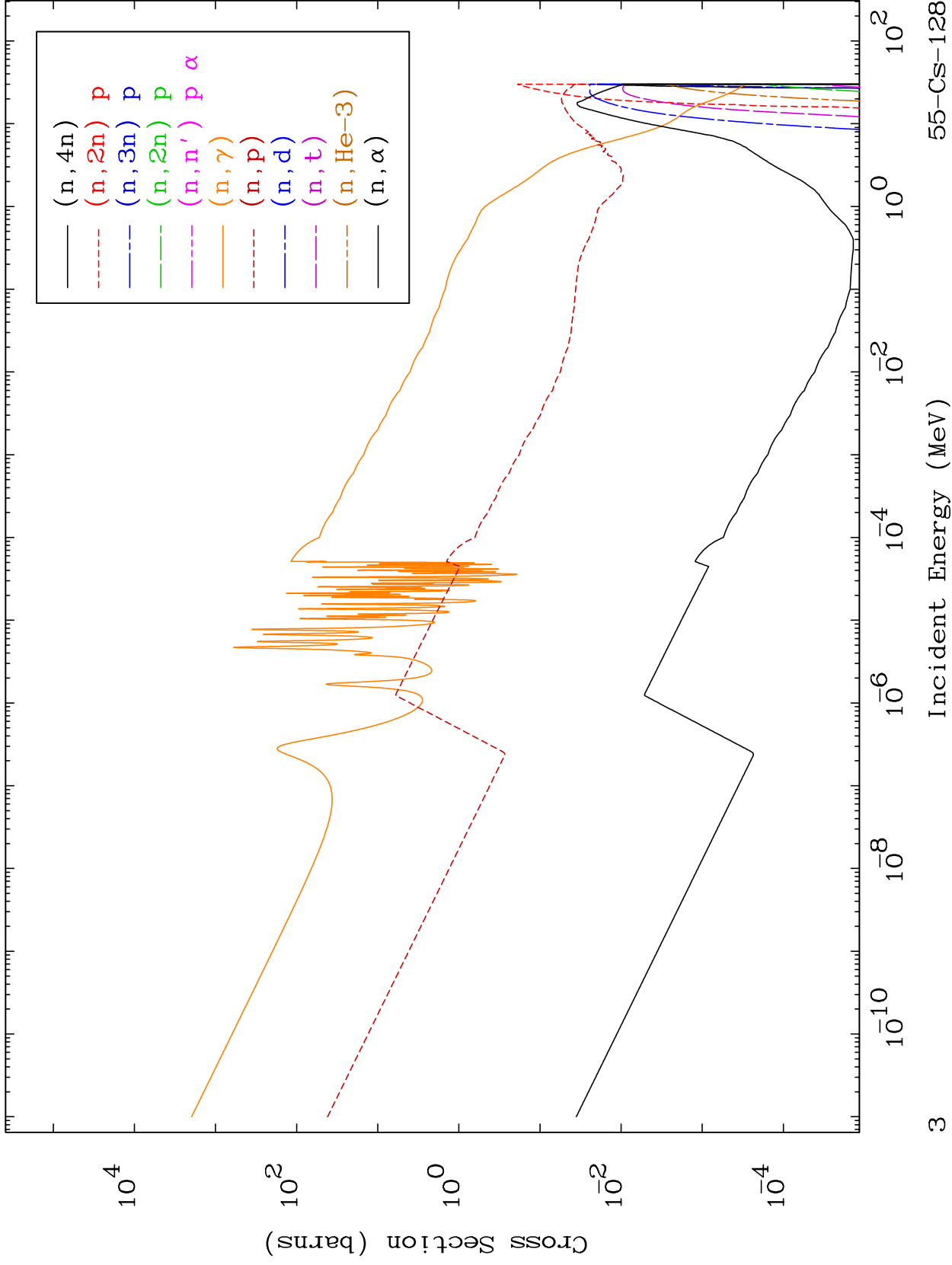
55-Cs-128



MAT 5510

Neutron Absorption  
293 Kelvin Cross Sections

55-Cs-128



MAT 5510

Neutron Absorption  
293 Kelvin Cross Sections

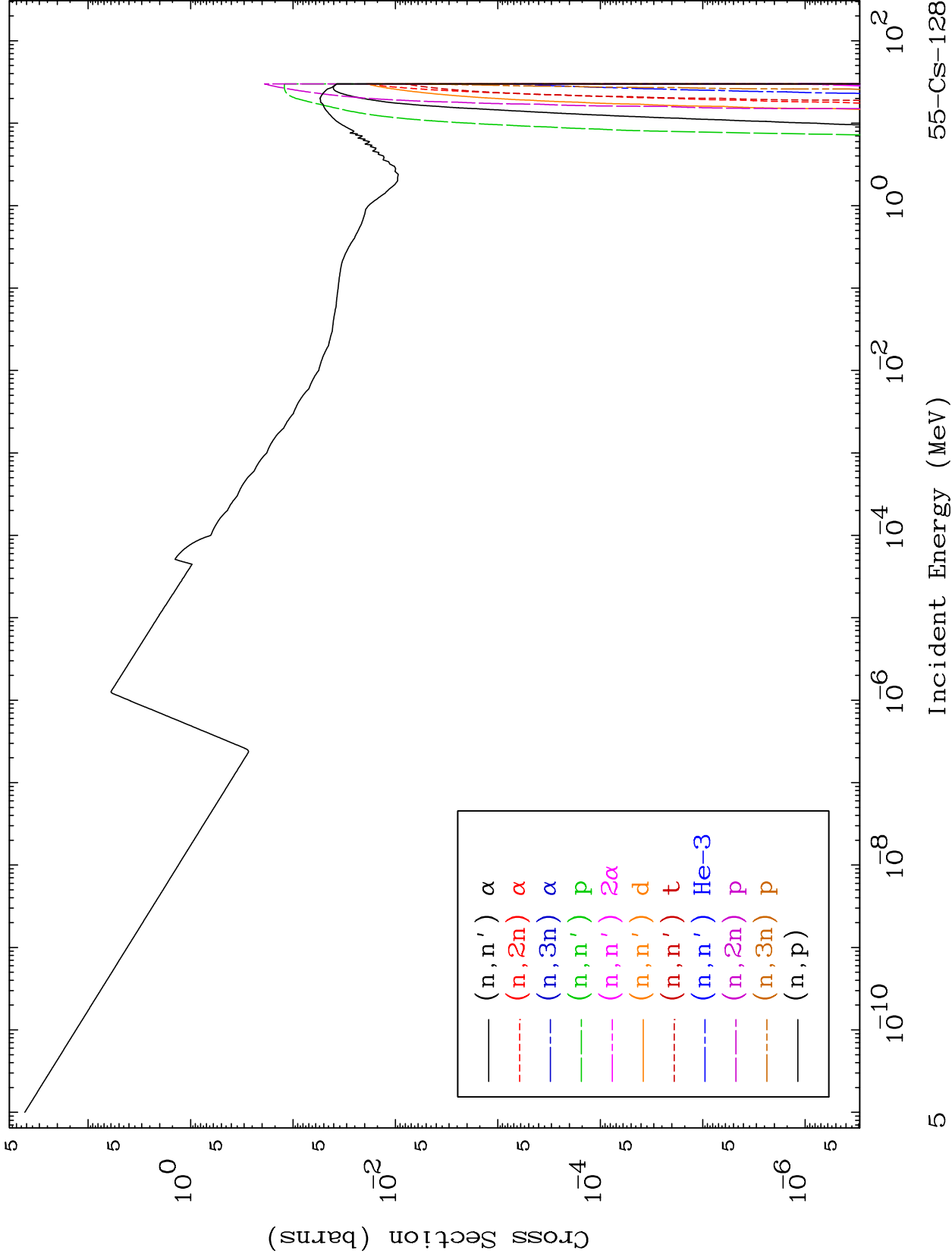
55-Cs-128



MAT 5510

Charged Particle  
293 Kelvin Cross Sections

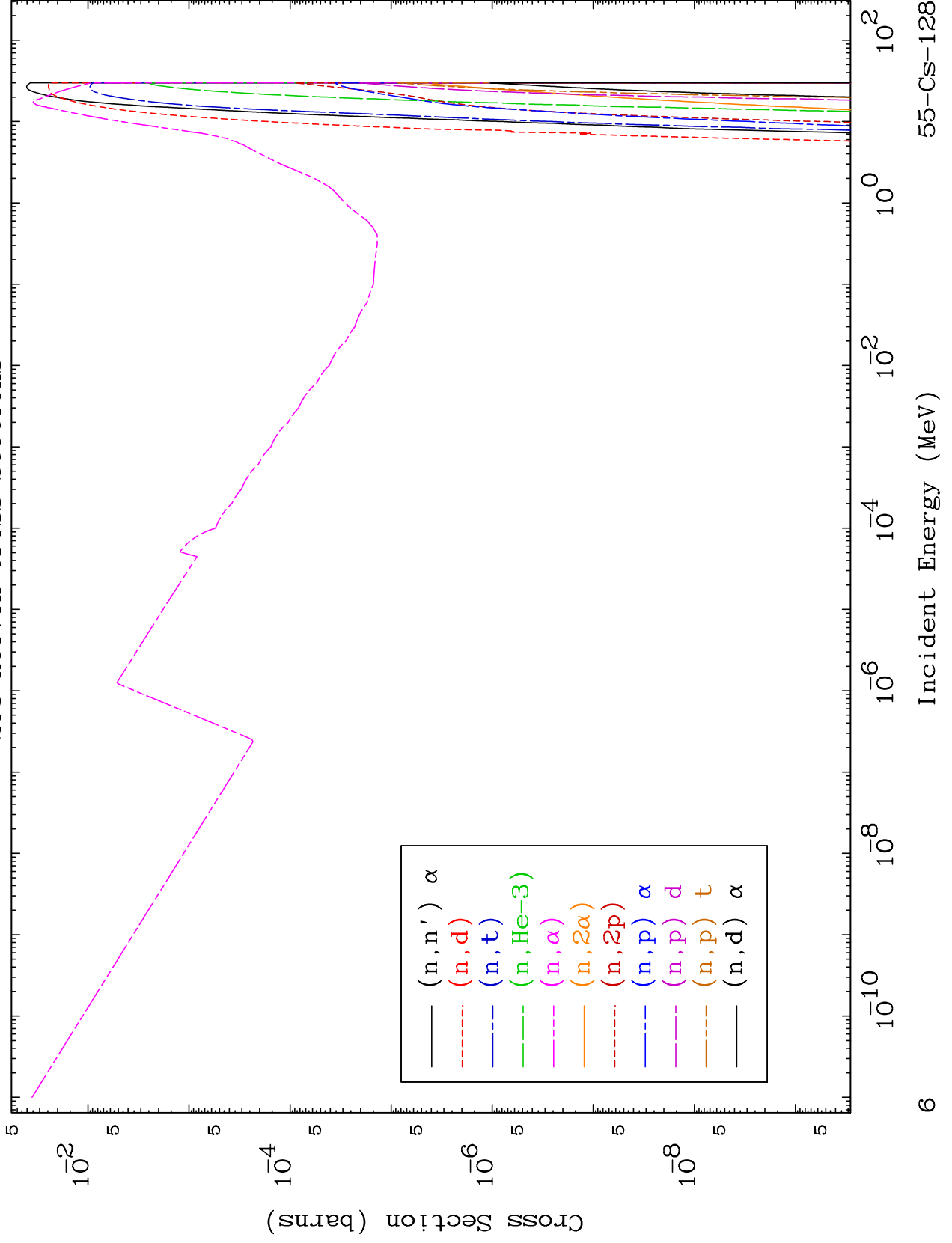
55-Cs-128



MAT 5510

Charged Particle  
293 Kelvin Cross Sections

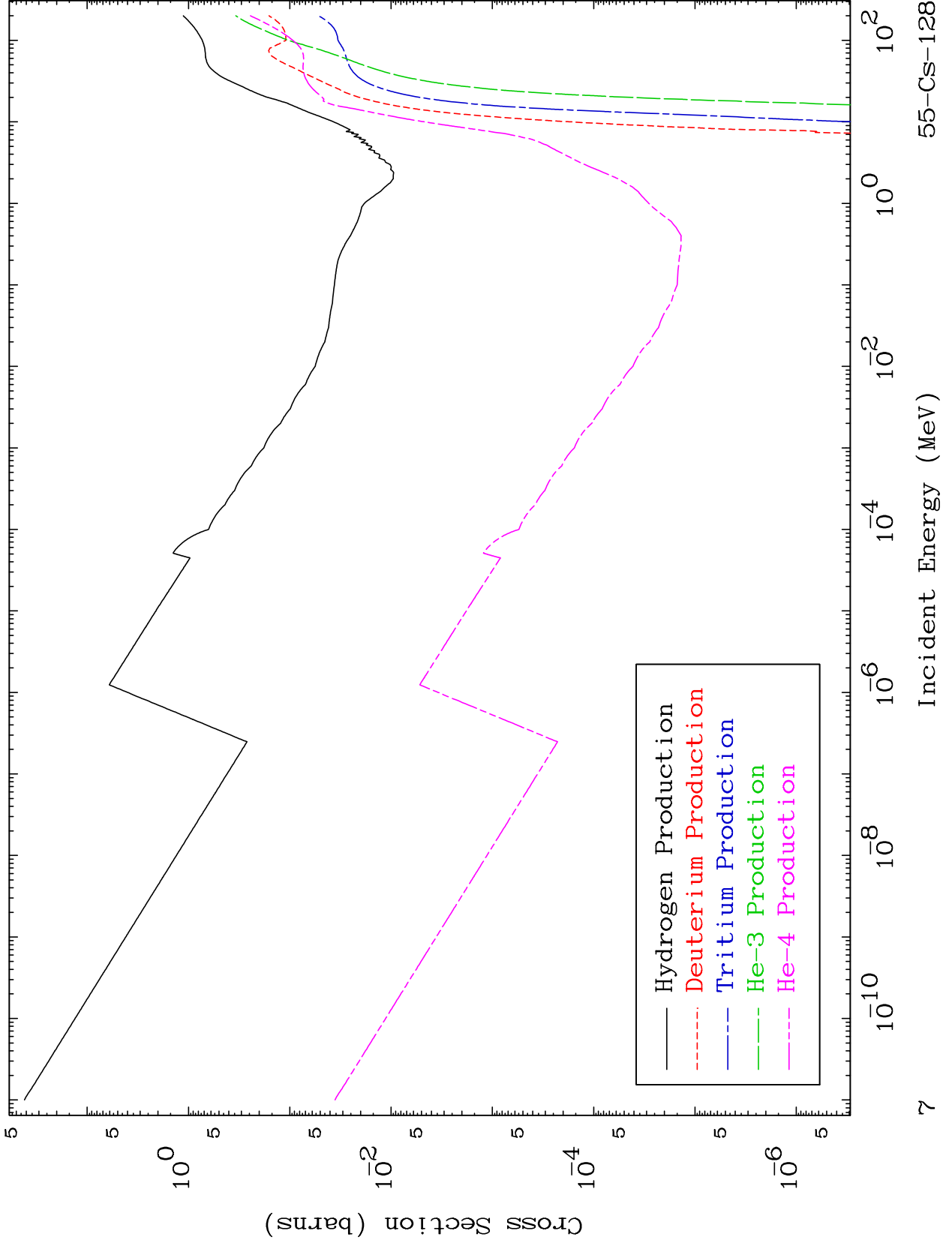
55-Cs-128



MAT 5510

Particle Production  
293 Kelvin Cross Sections

55-Cs-128

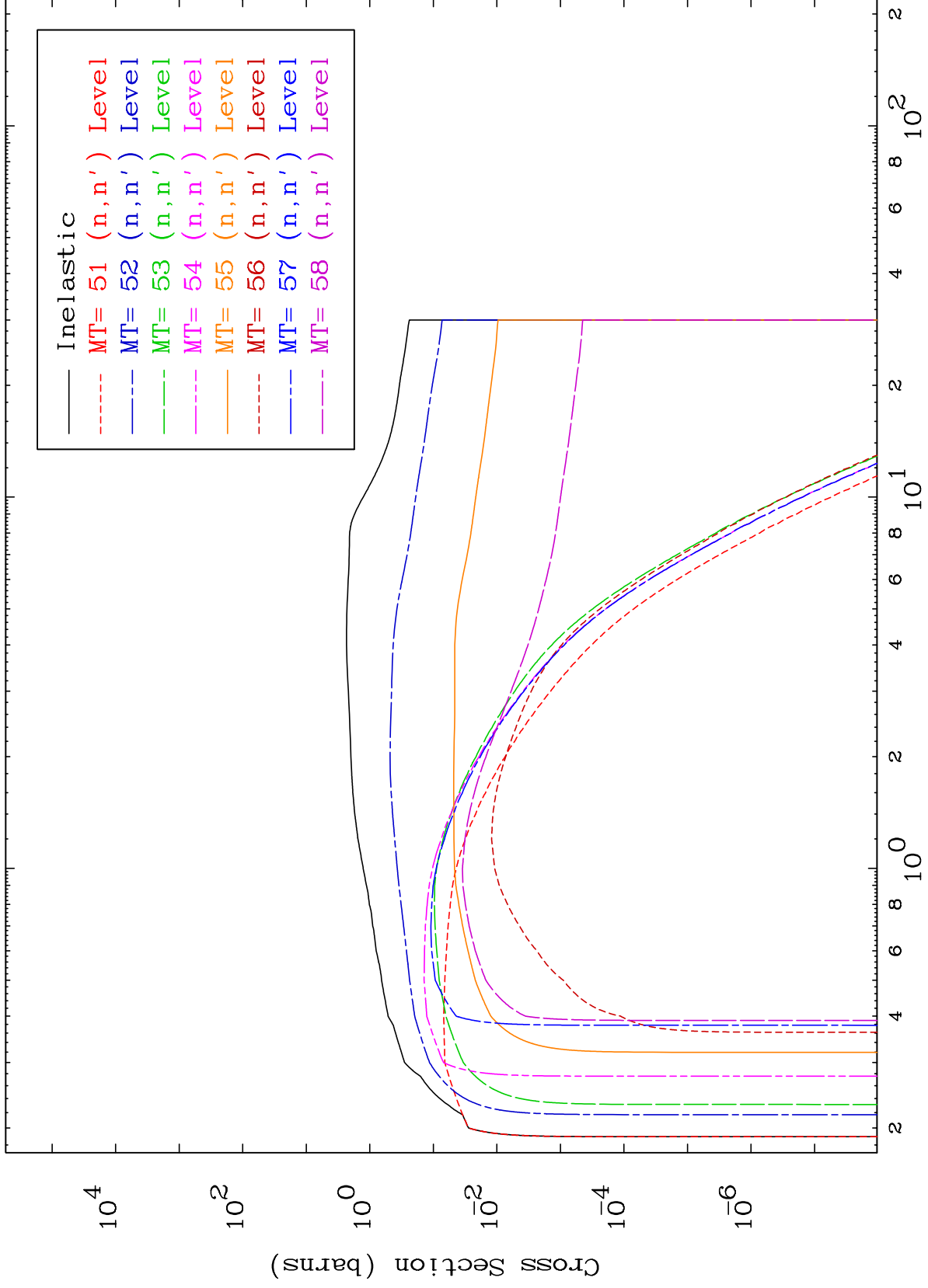


MAT 5510

(n,n') Levels

55-Cs-128

293 Kelvin Cross Sections



8

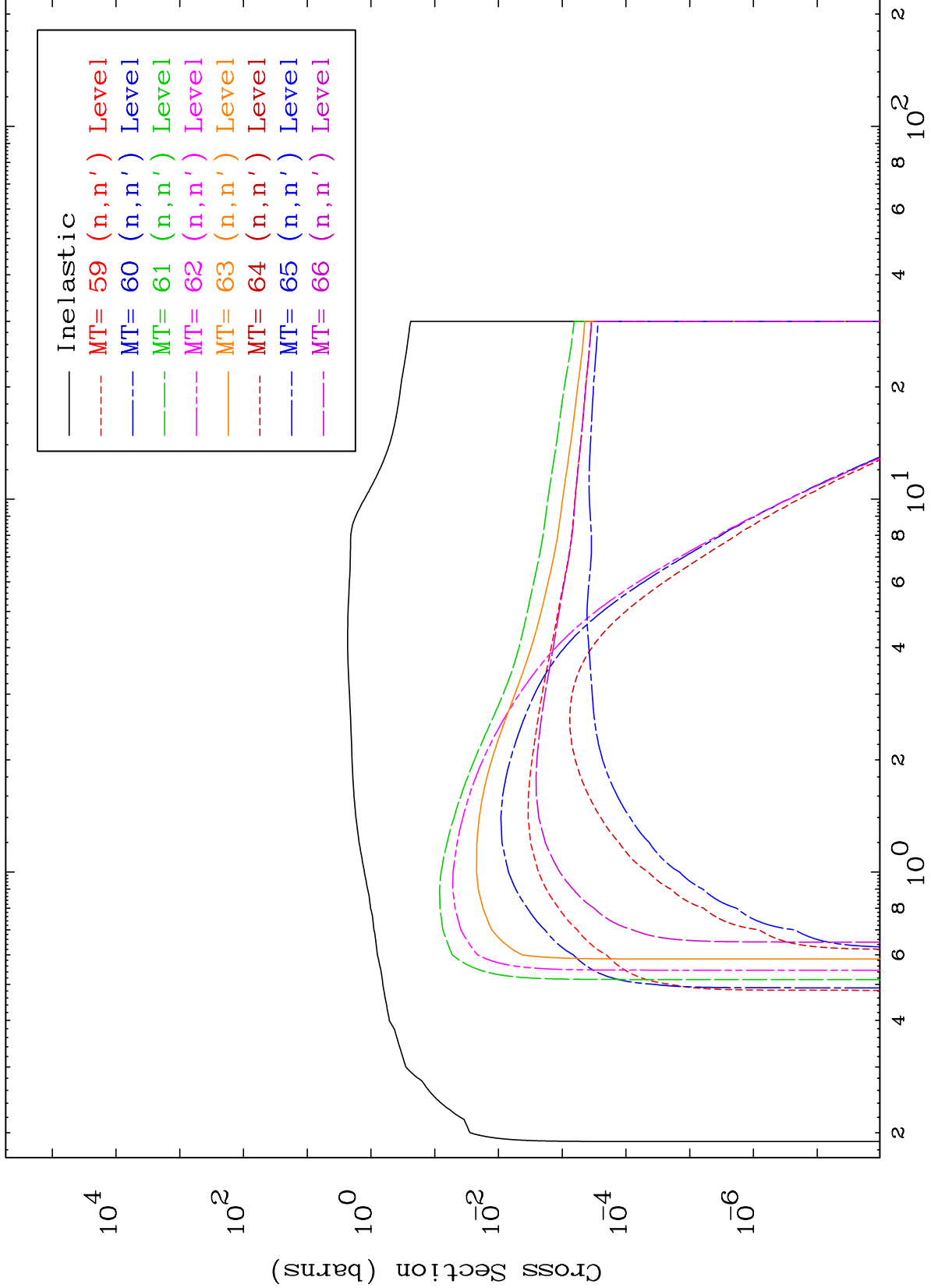
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,n') Levels  
293 Kelvin Cross Sections

55-Cs-128

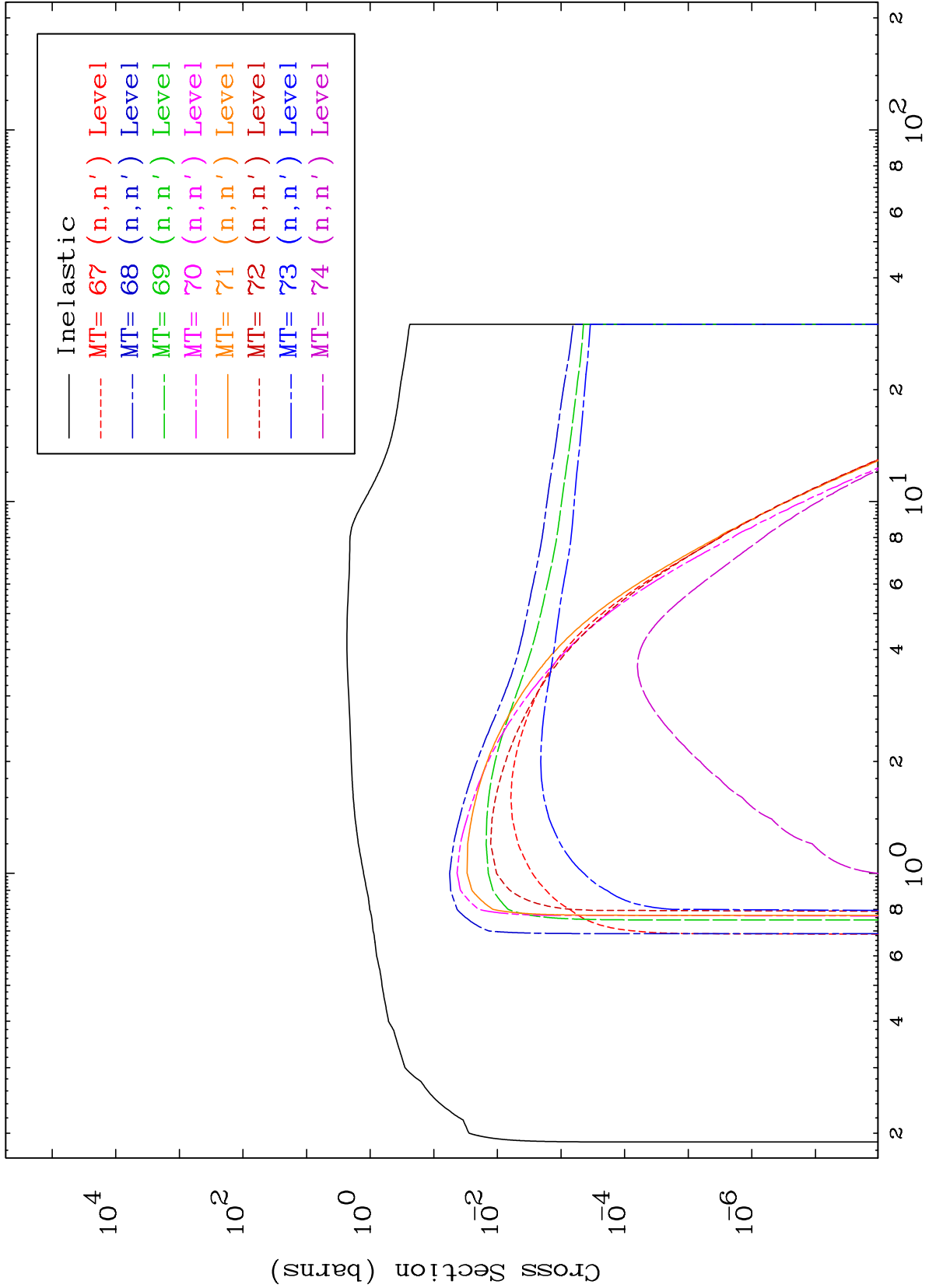


MAT 5510

(n,n') Levels

55-Cs-128

293 Kelvin Cross Sections



10

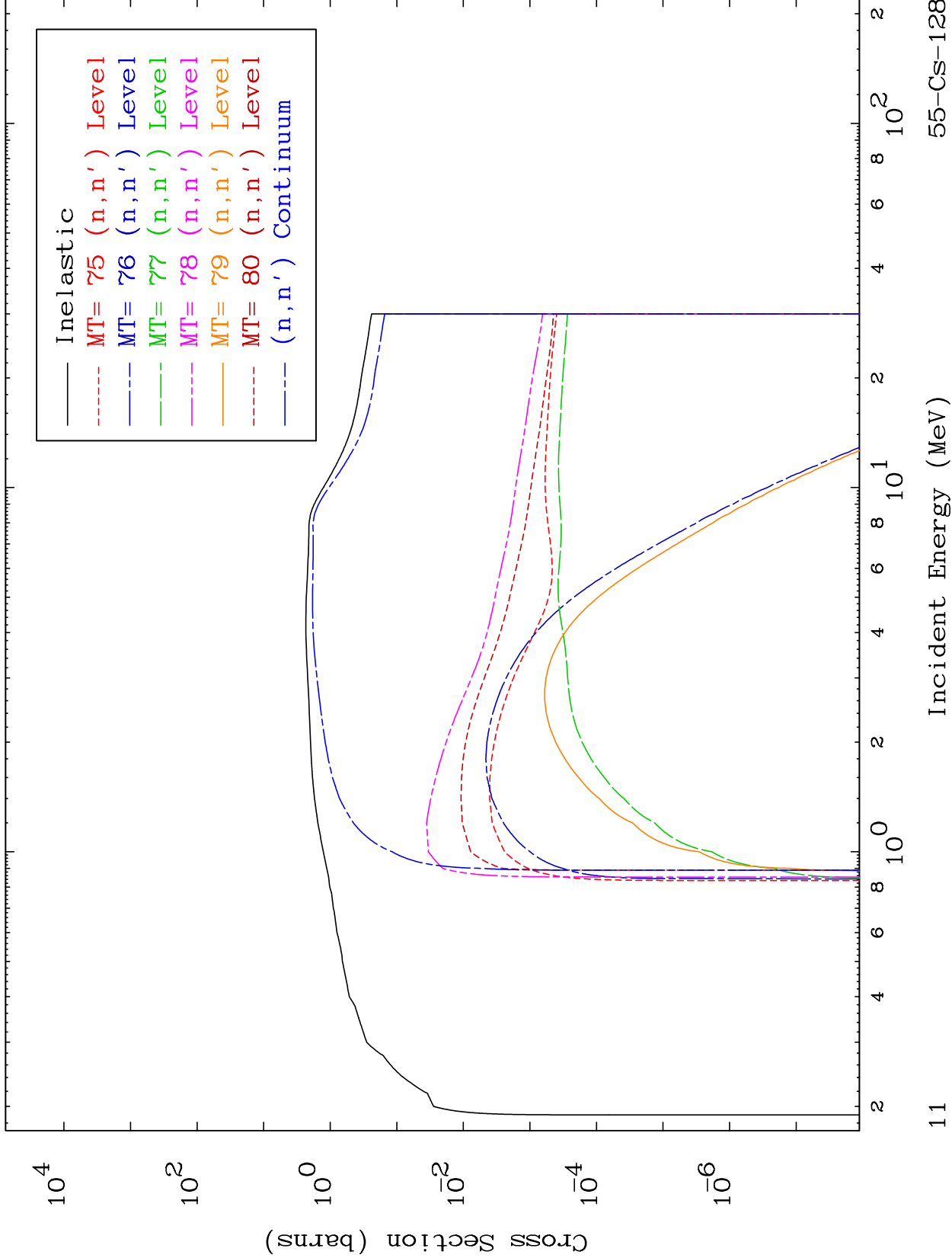
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,n') Levels  
293 Kelvin Cross Sections

55-Cs-128



11

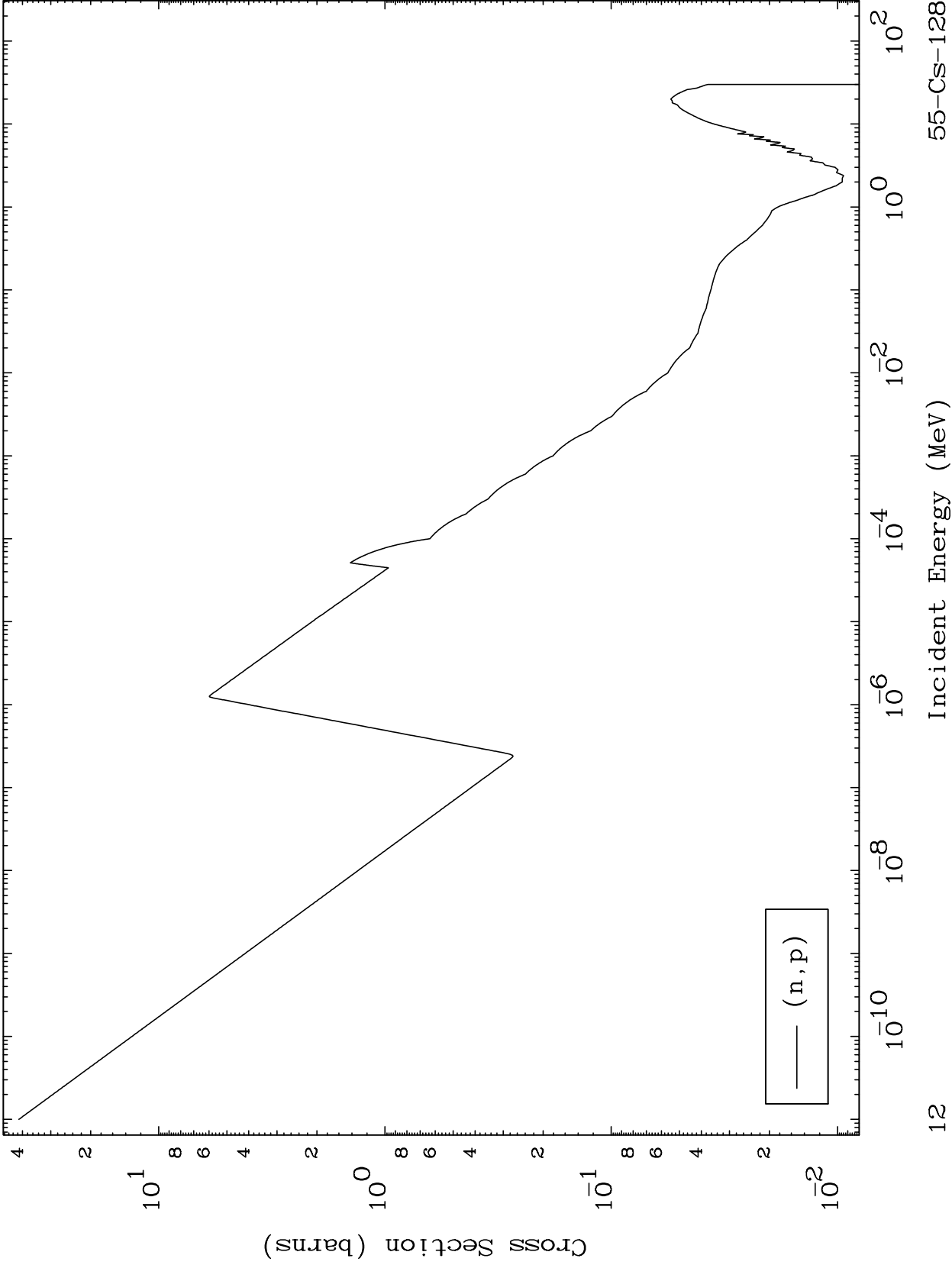
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,p) Levels  
293 Kelvin Cross Sections

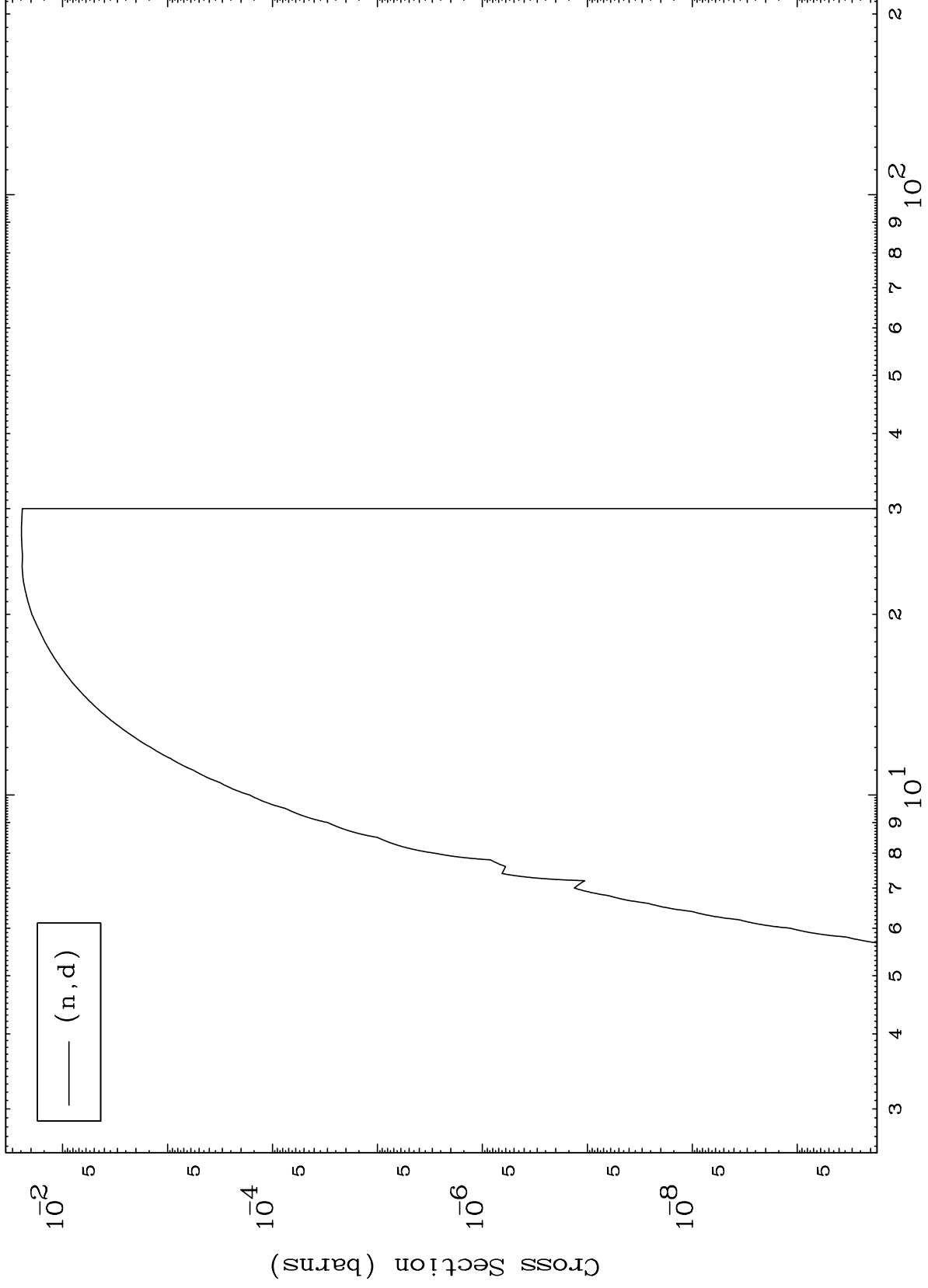
55-Cs-128



MAT 5510

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-128



13

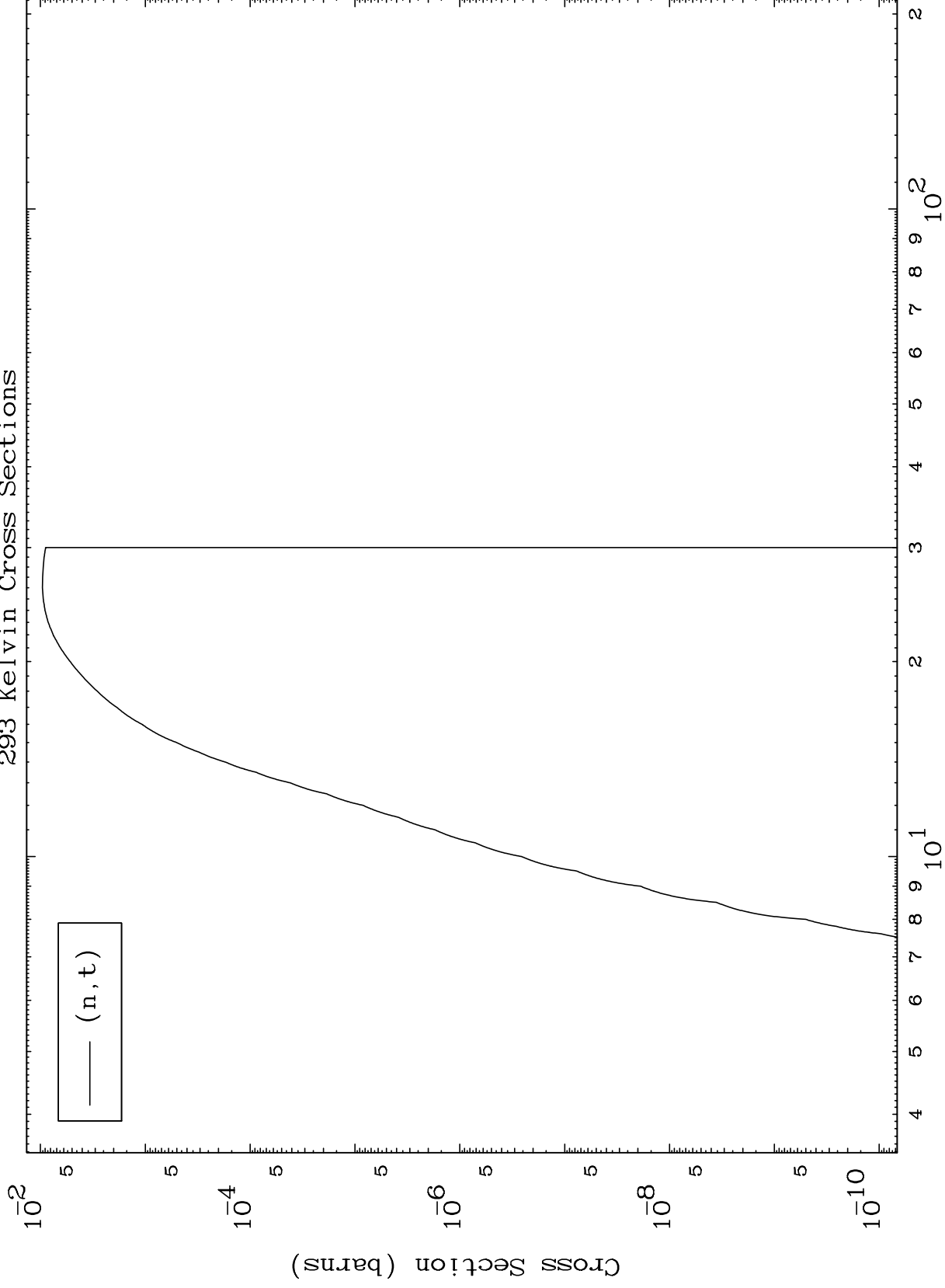
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-128



14

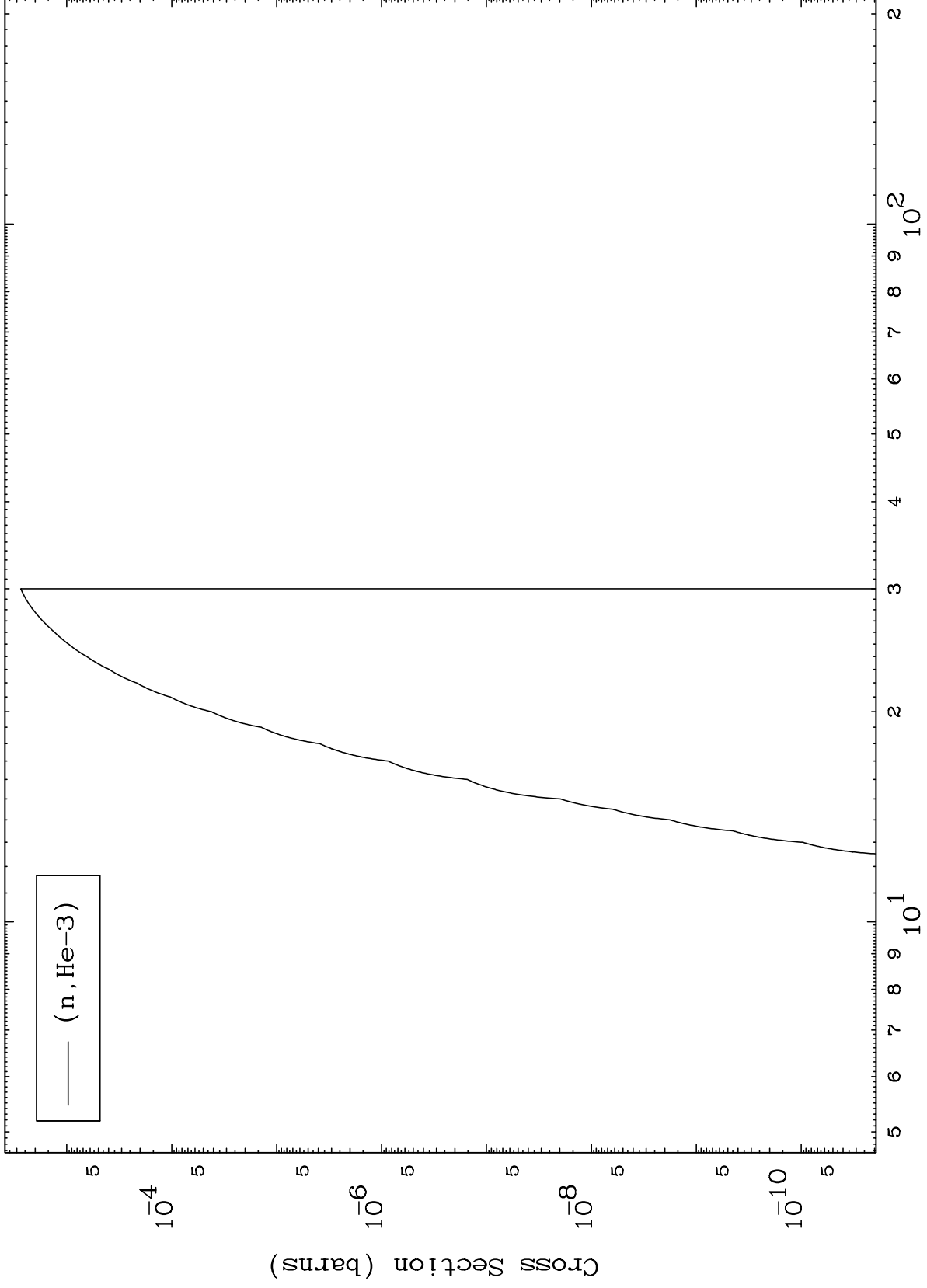
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,He3) Levels  
293 Kelvin Cross Sections

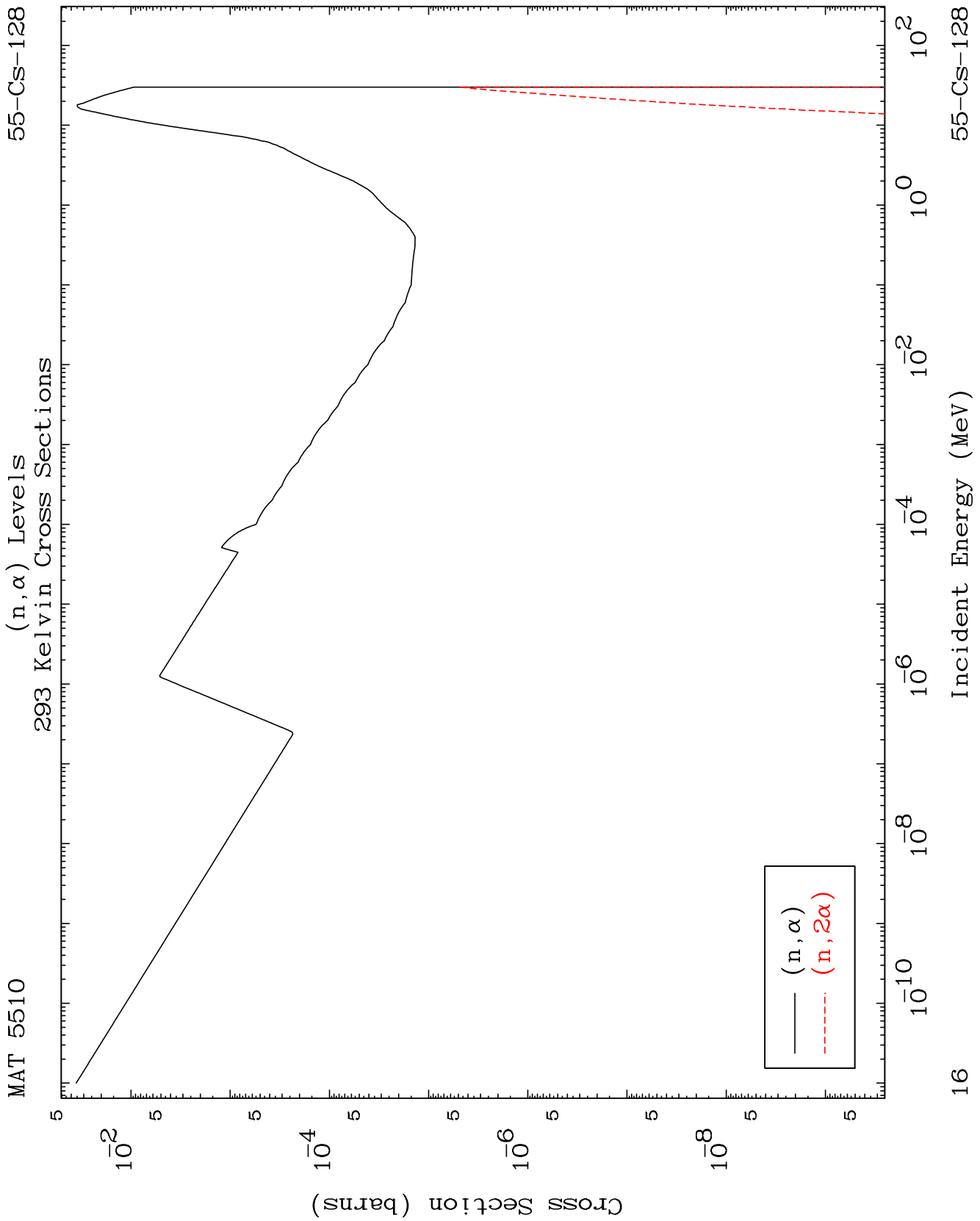
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15

Incident Energy (MeV)

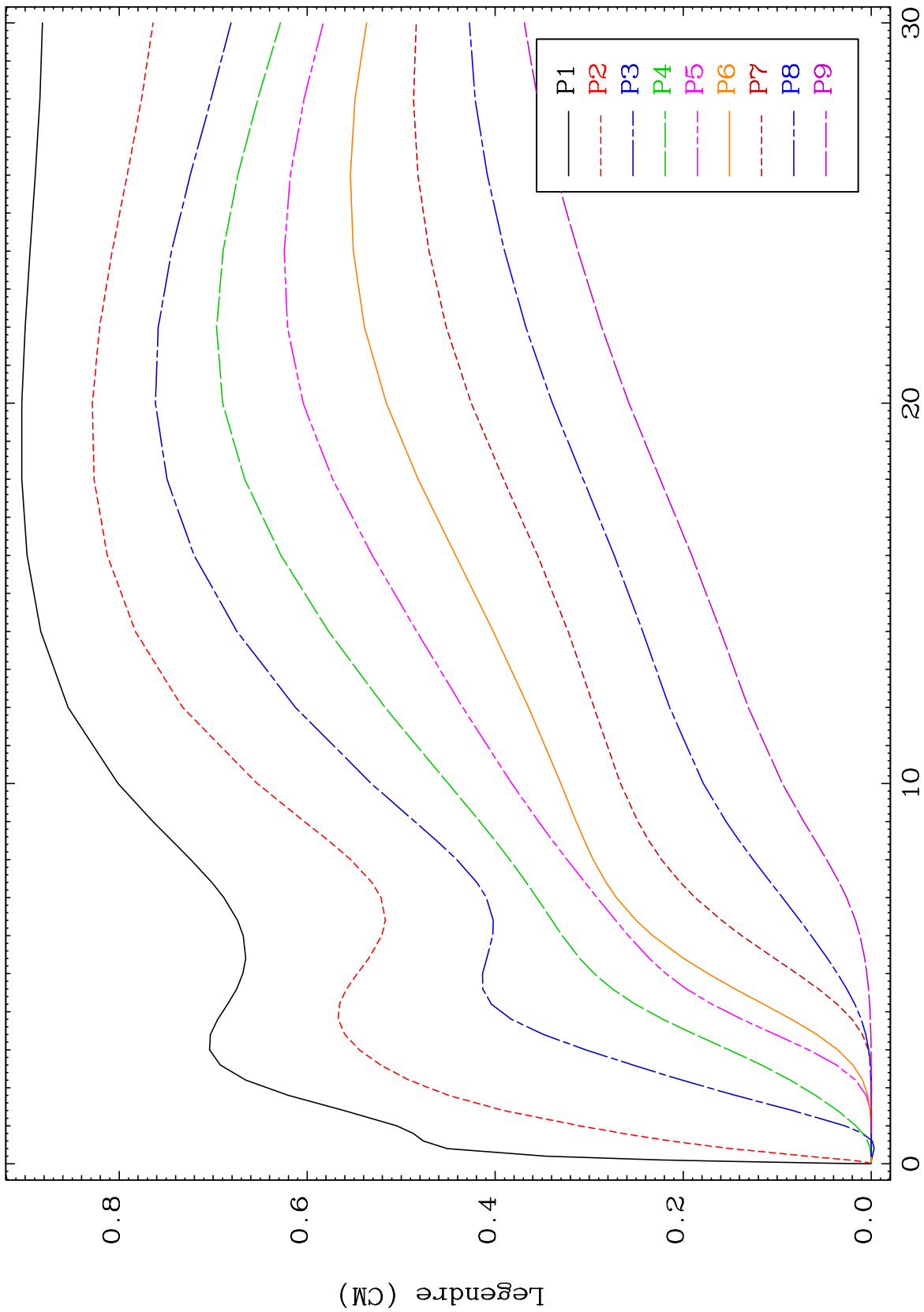
55-Cs-128



MAT 5510

55-Cs-128

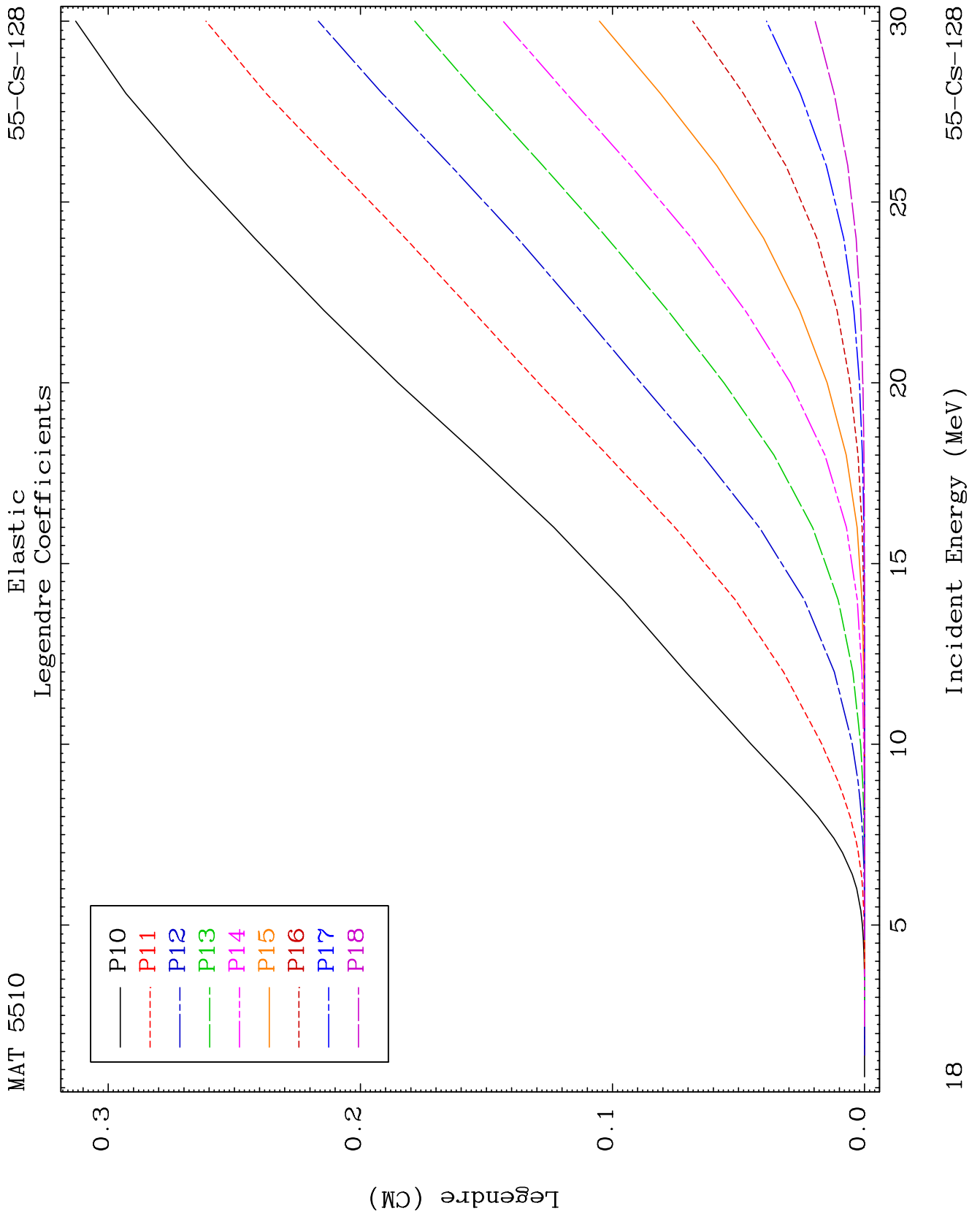
Elastic Legendre Coefficients



17

Incident Energy (MeV)

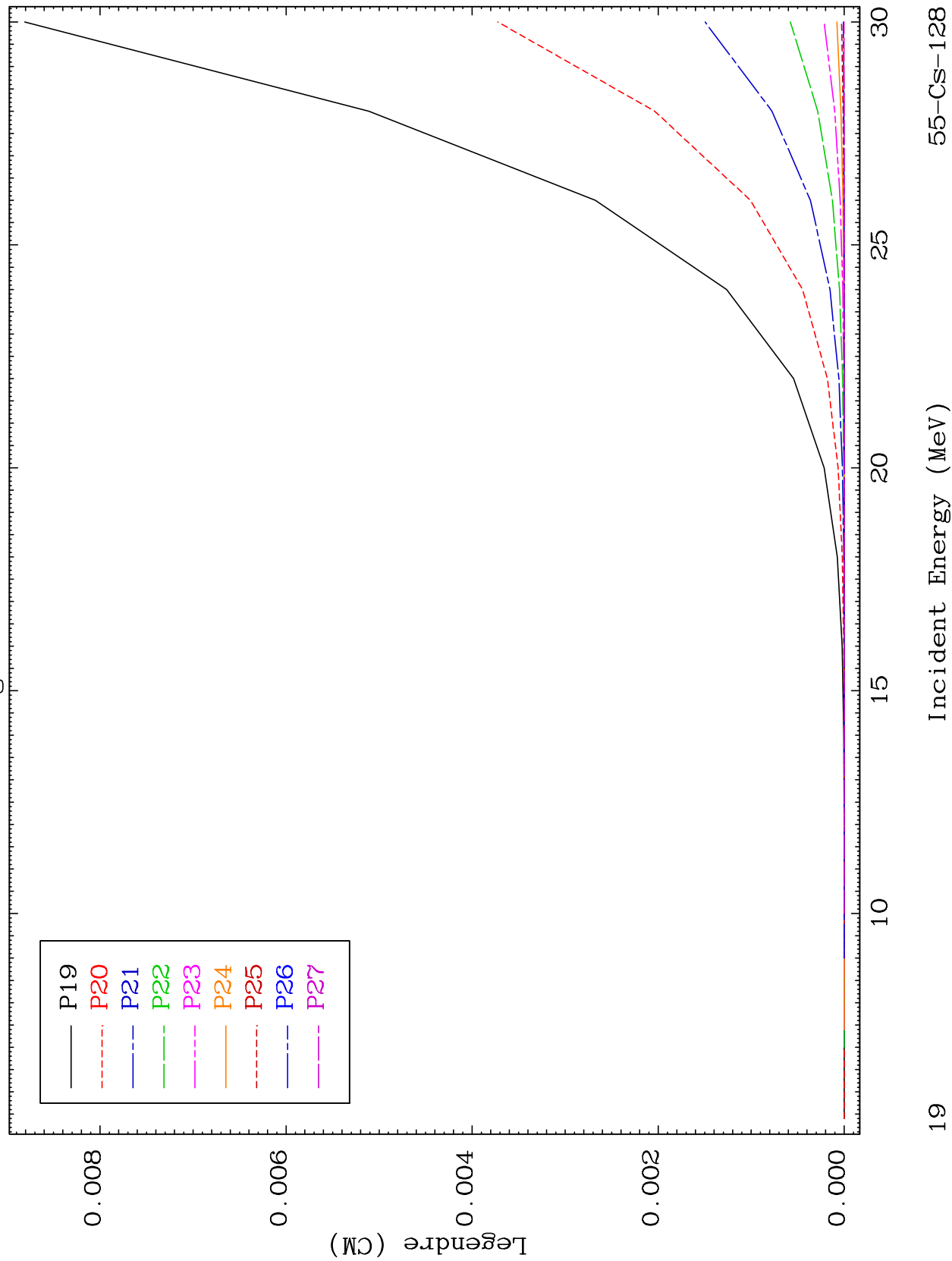
55-Cs-128



MAT 5510

### Elastic Legendre Coefficients

55-Cs-128



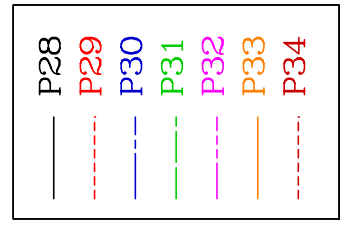
19

55-Cs-128

MAT 5510

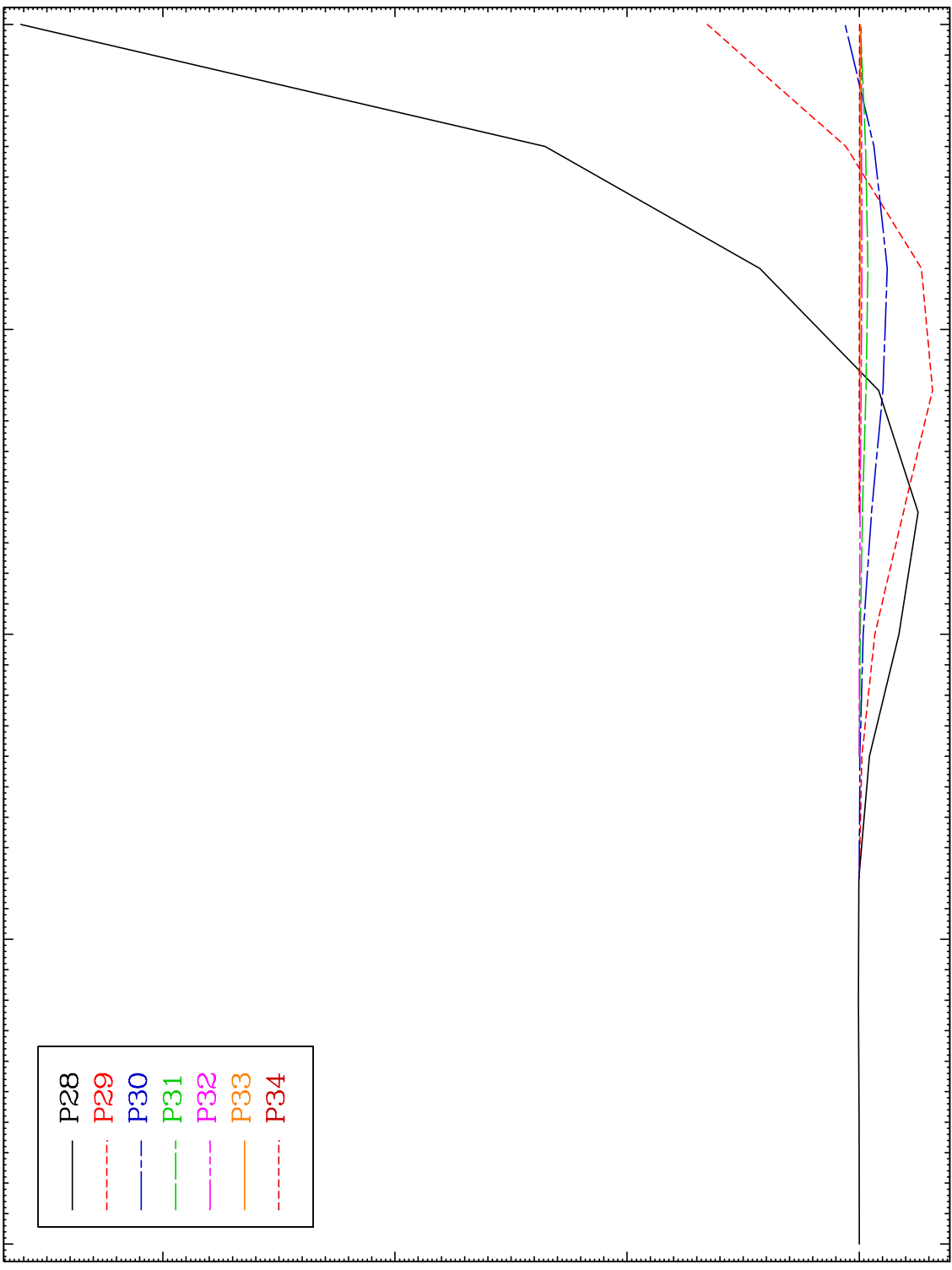
Elastic Legendre Coefficients

55-Cs-128



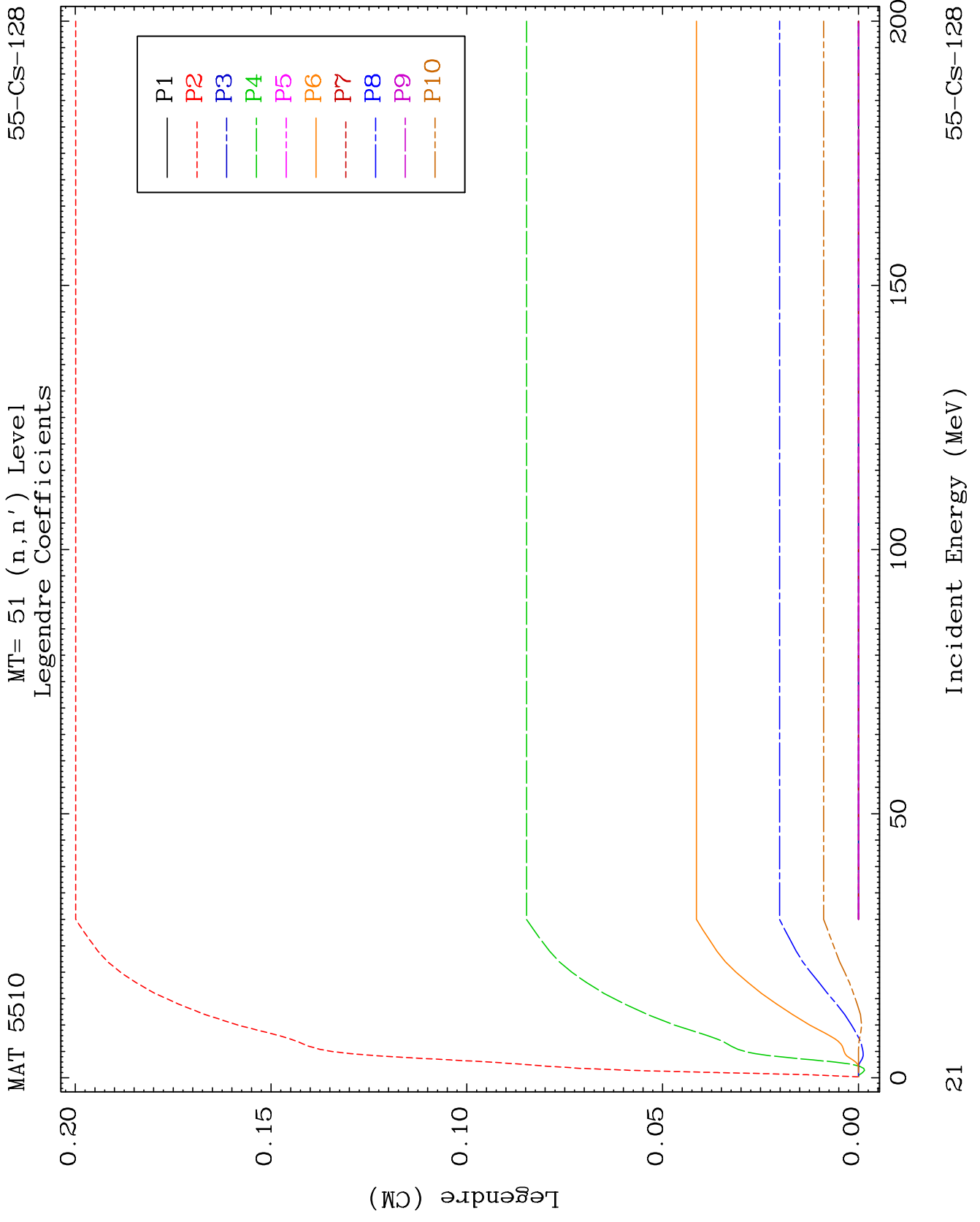
$\times 10^{-7}$

Legendre (CM)

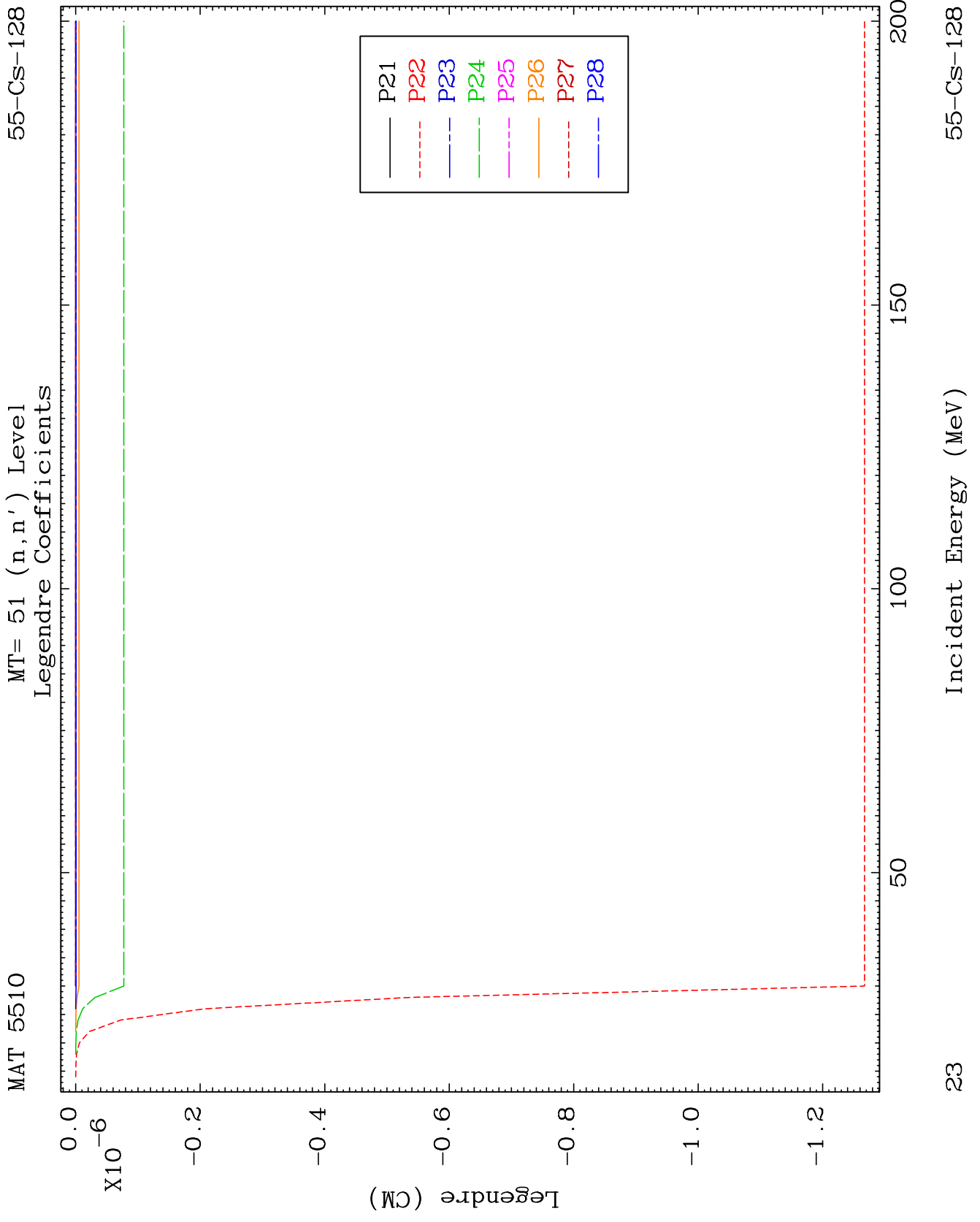


Incident Energy (MeV)

55-Cs-128



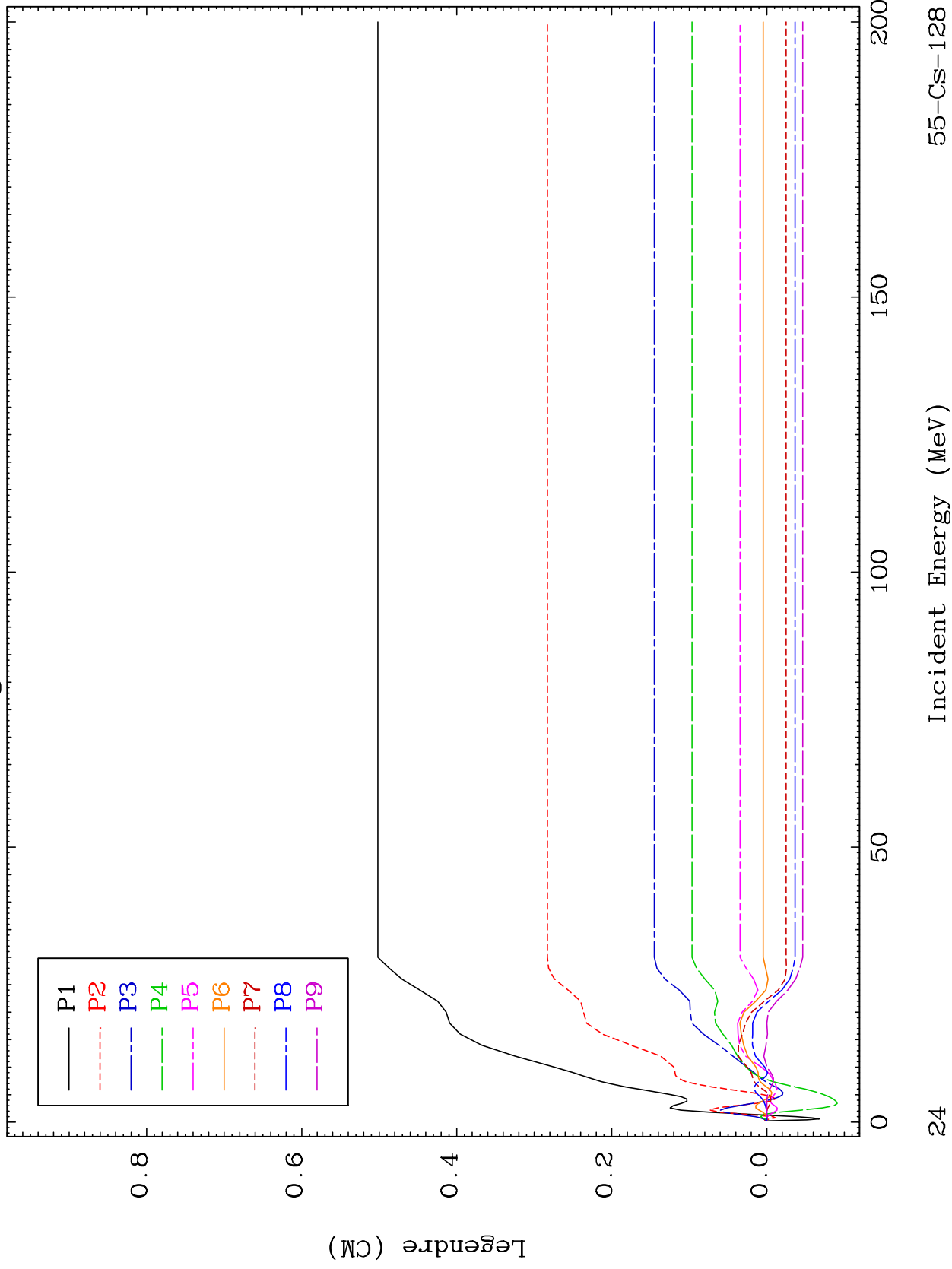




MAT 5510

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

55-Cs-128



55-Cs-128

Incident Energy (MeV)

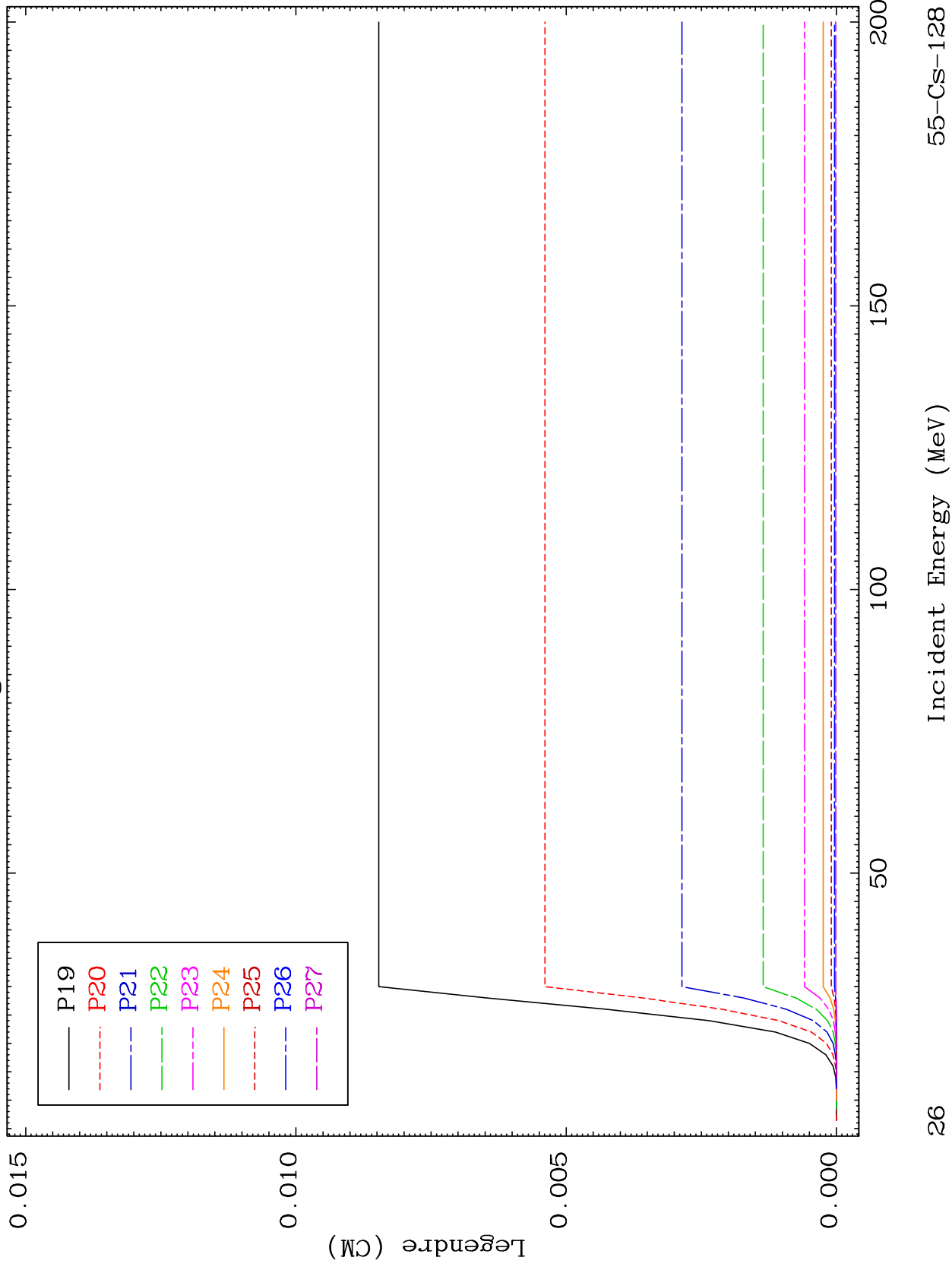
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MAT 5510

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

55-Cs-128



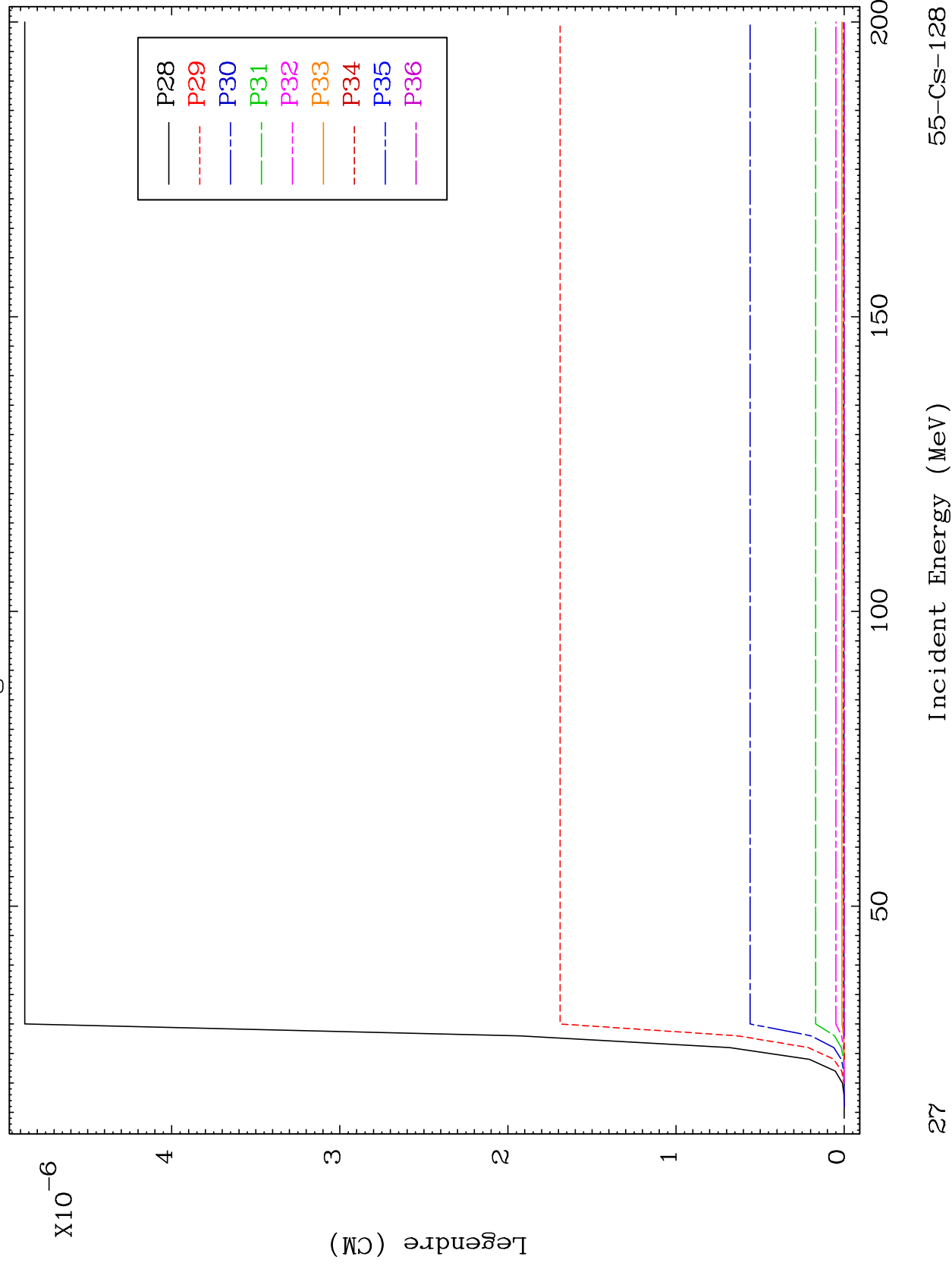
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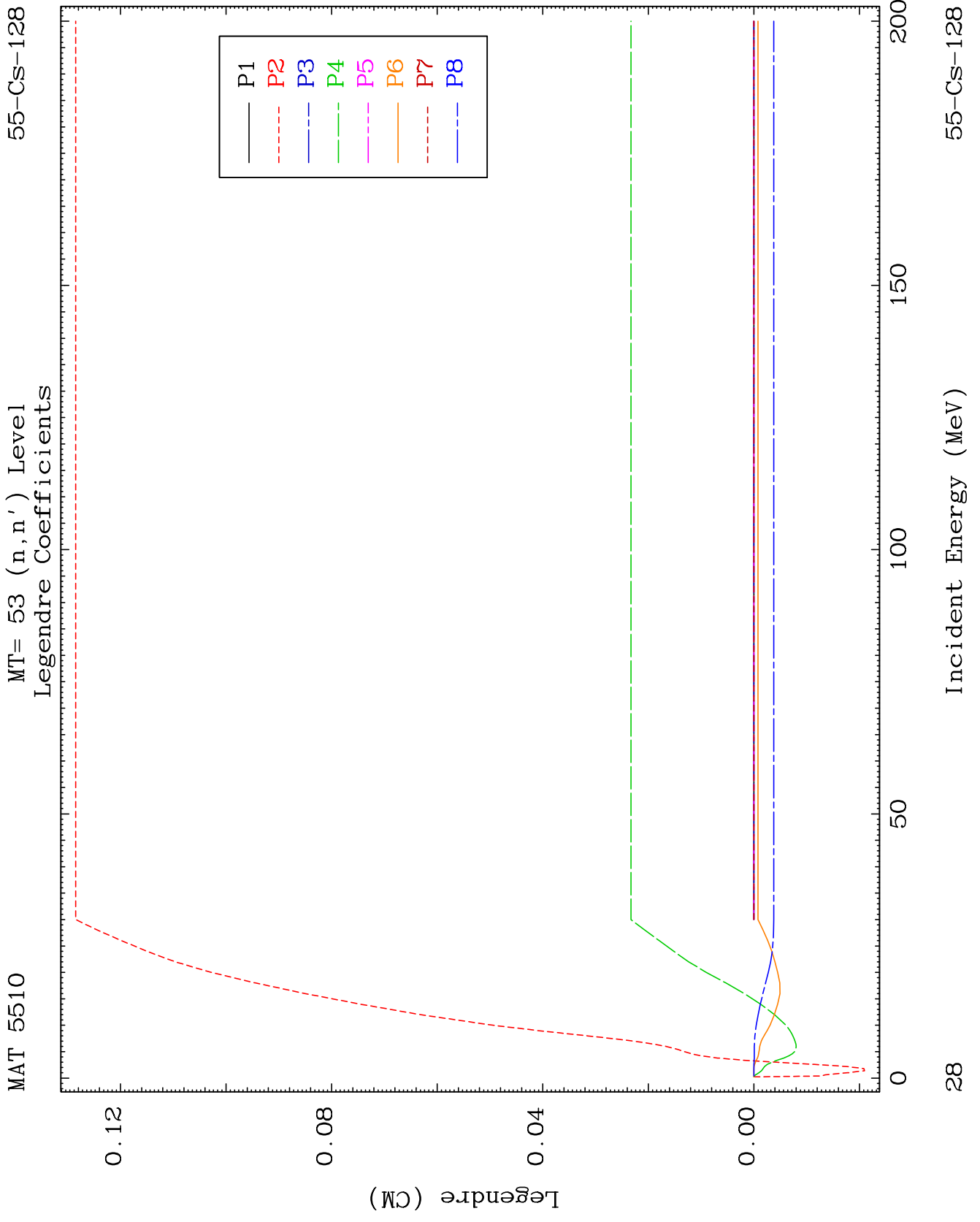
55-Cs-128

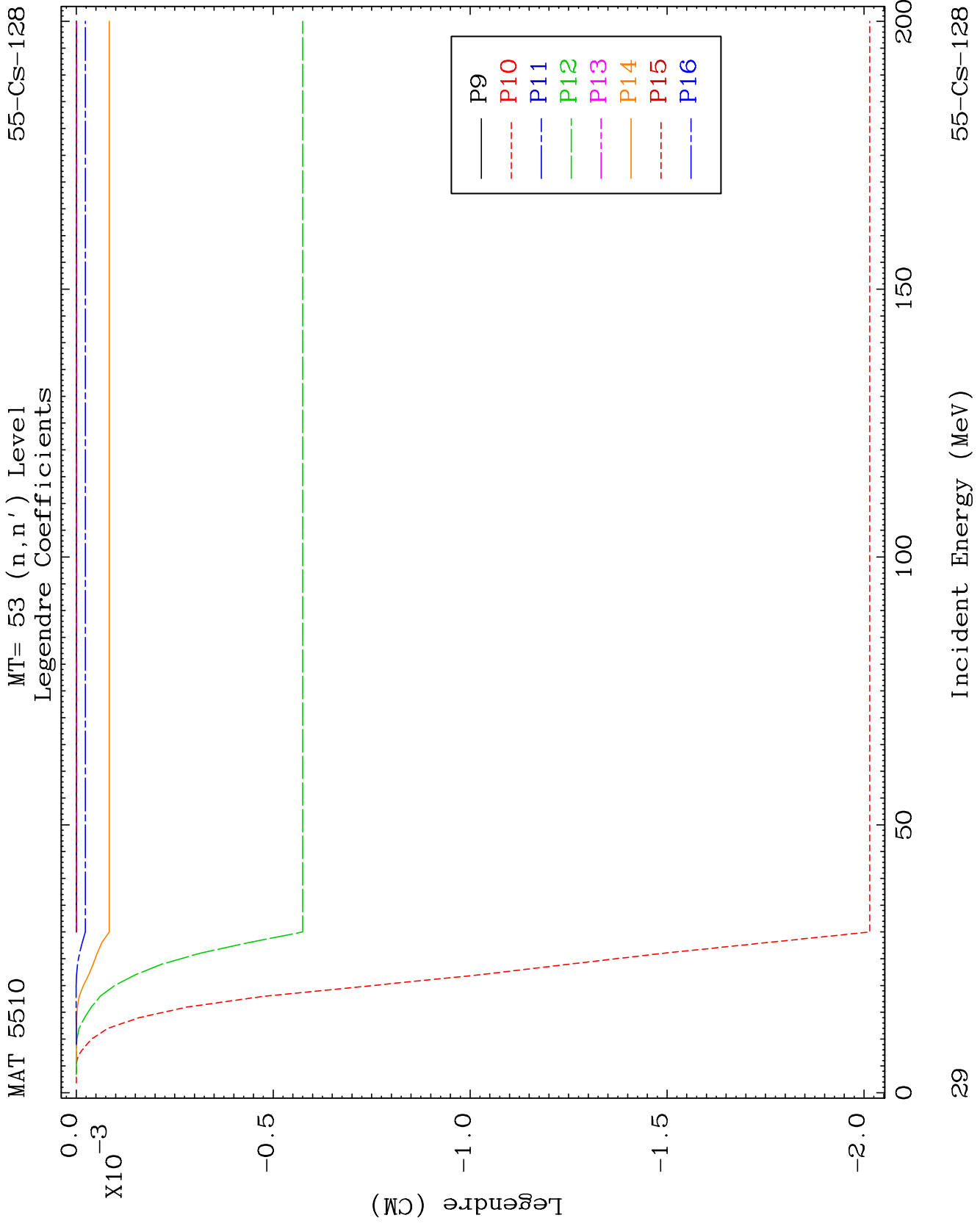
MAT 5510

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

55-Cs-128



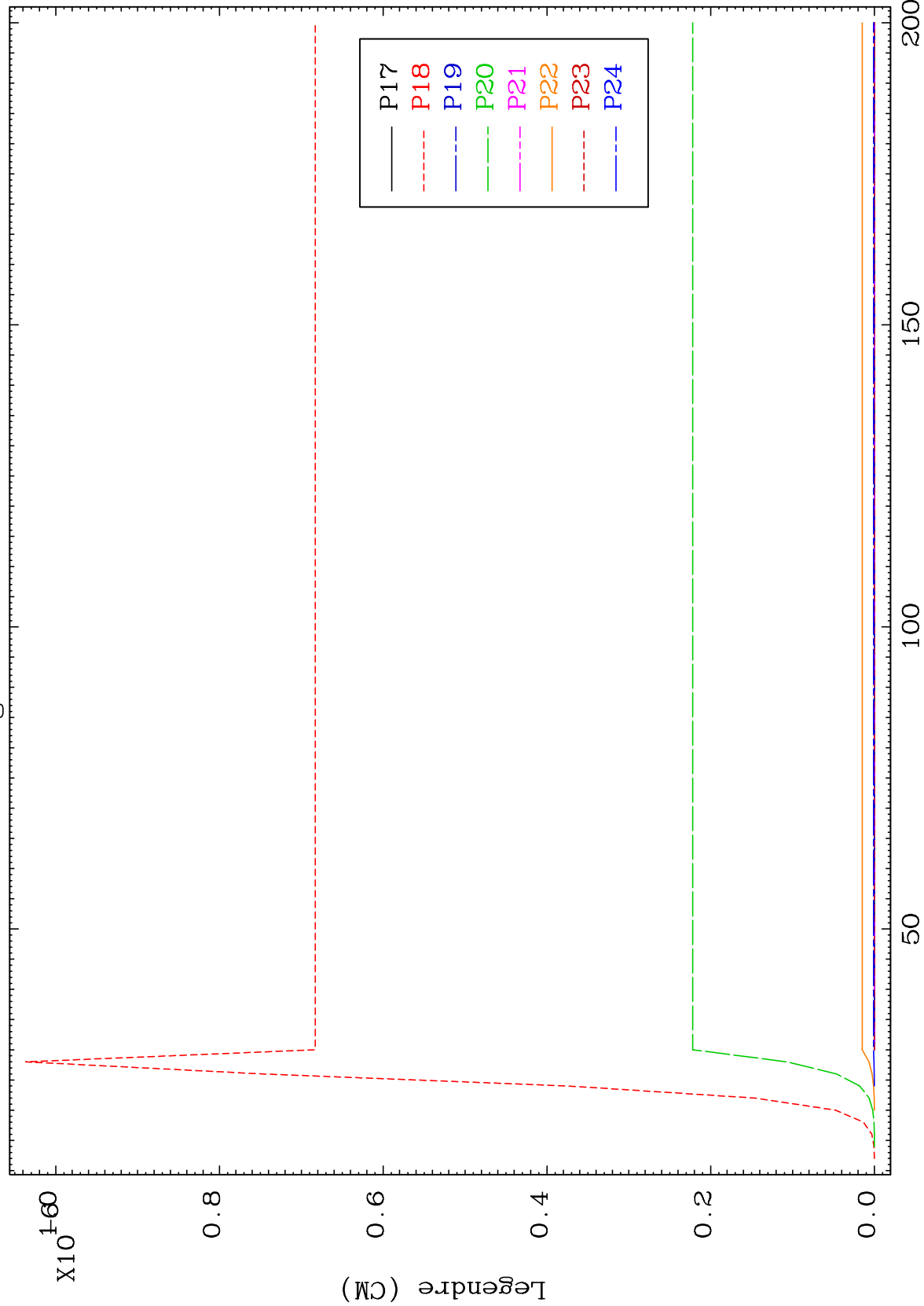




MAT 5510

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

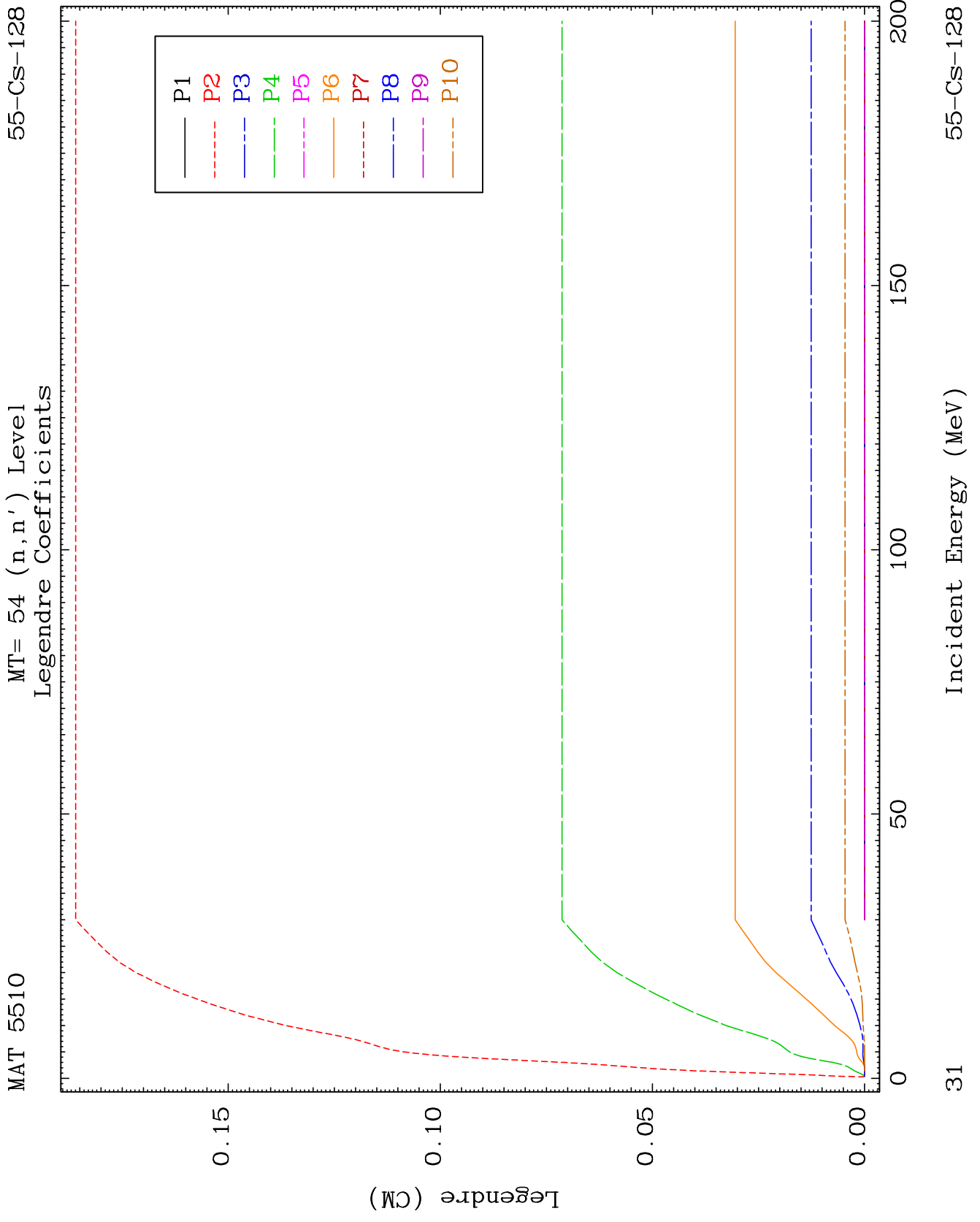
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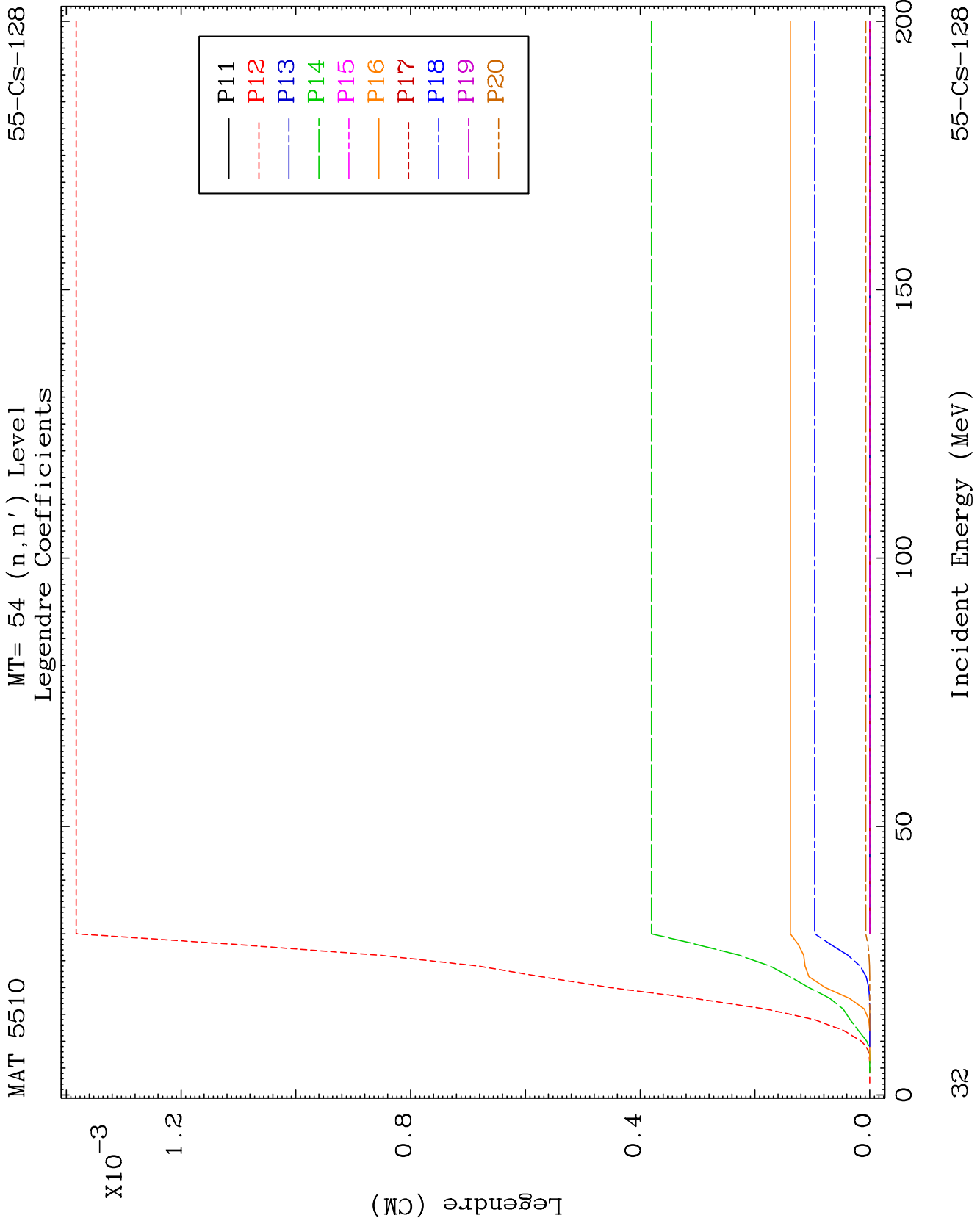


55-Cs-128

Incident Energy (MeV)

30



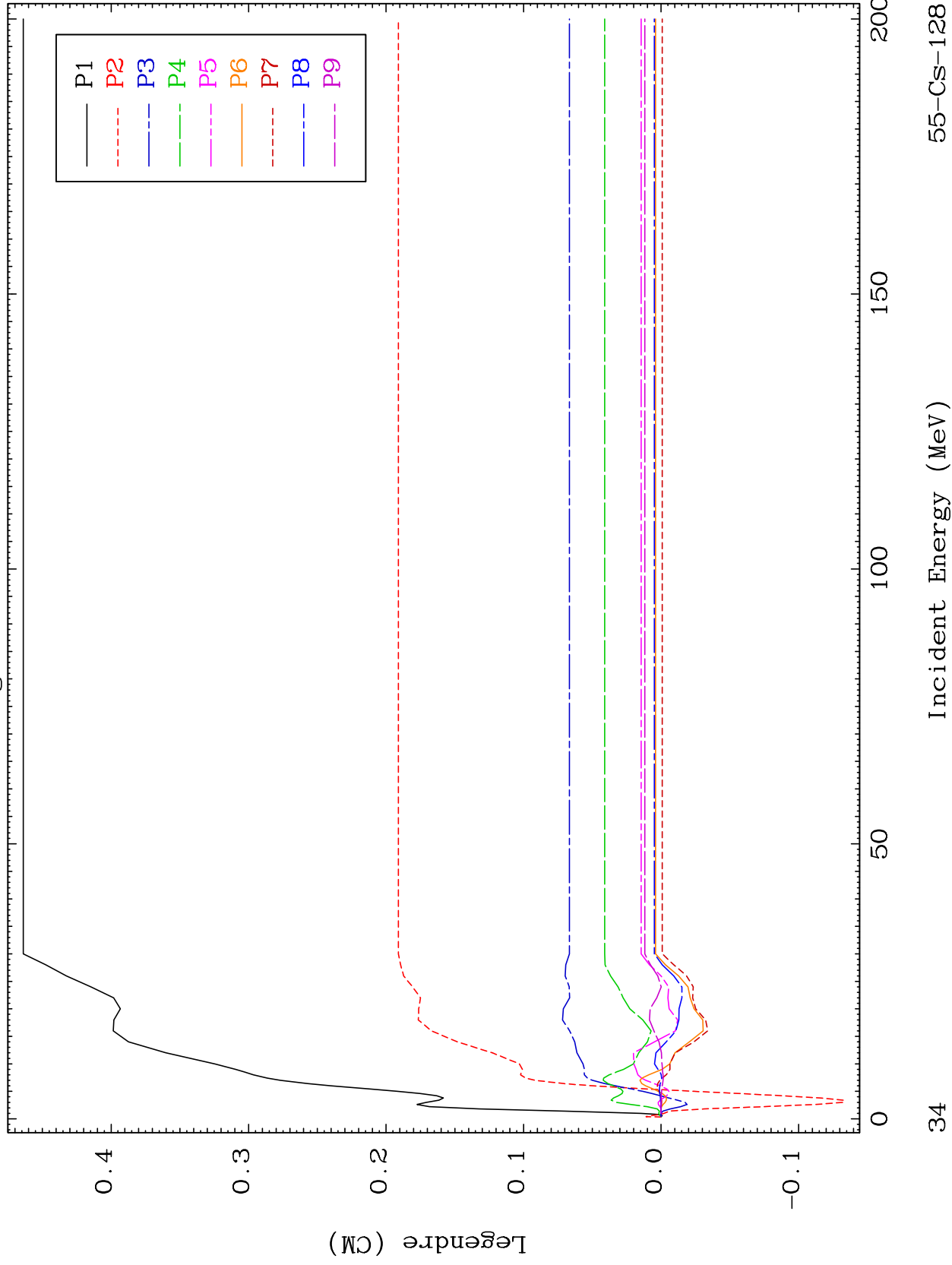




MAT 5510

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

55-Cs-128



55-Cs-128

Incident Energy (MeV)

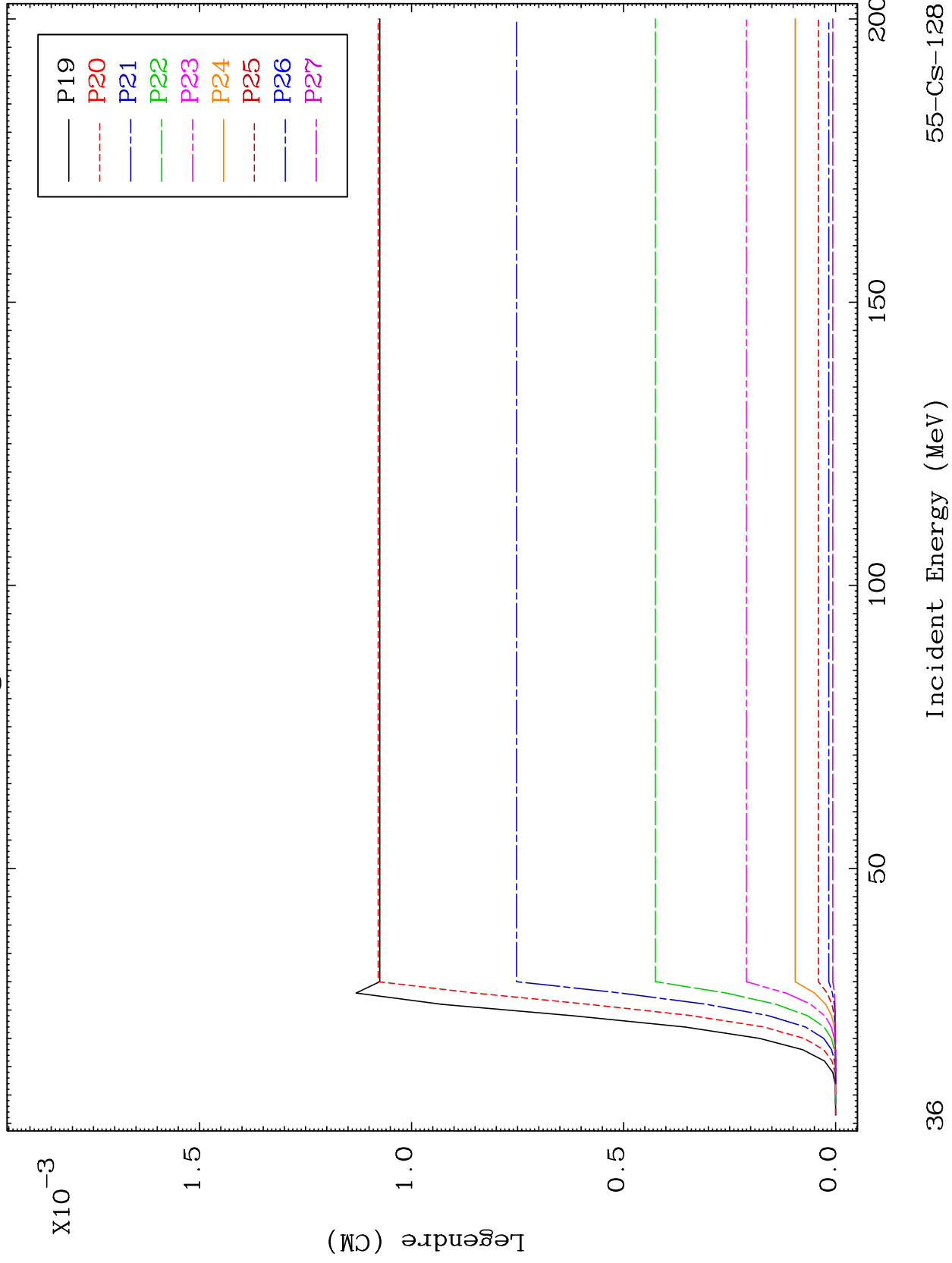
34



MAT 5510

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

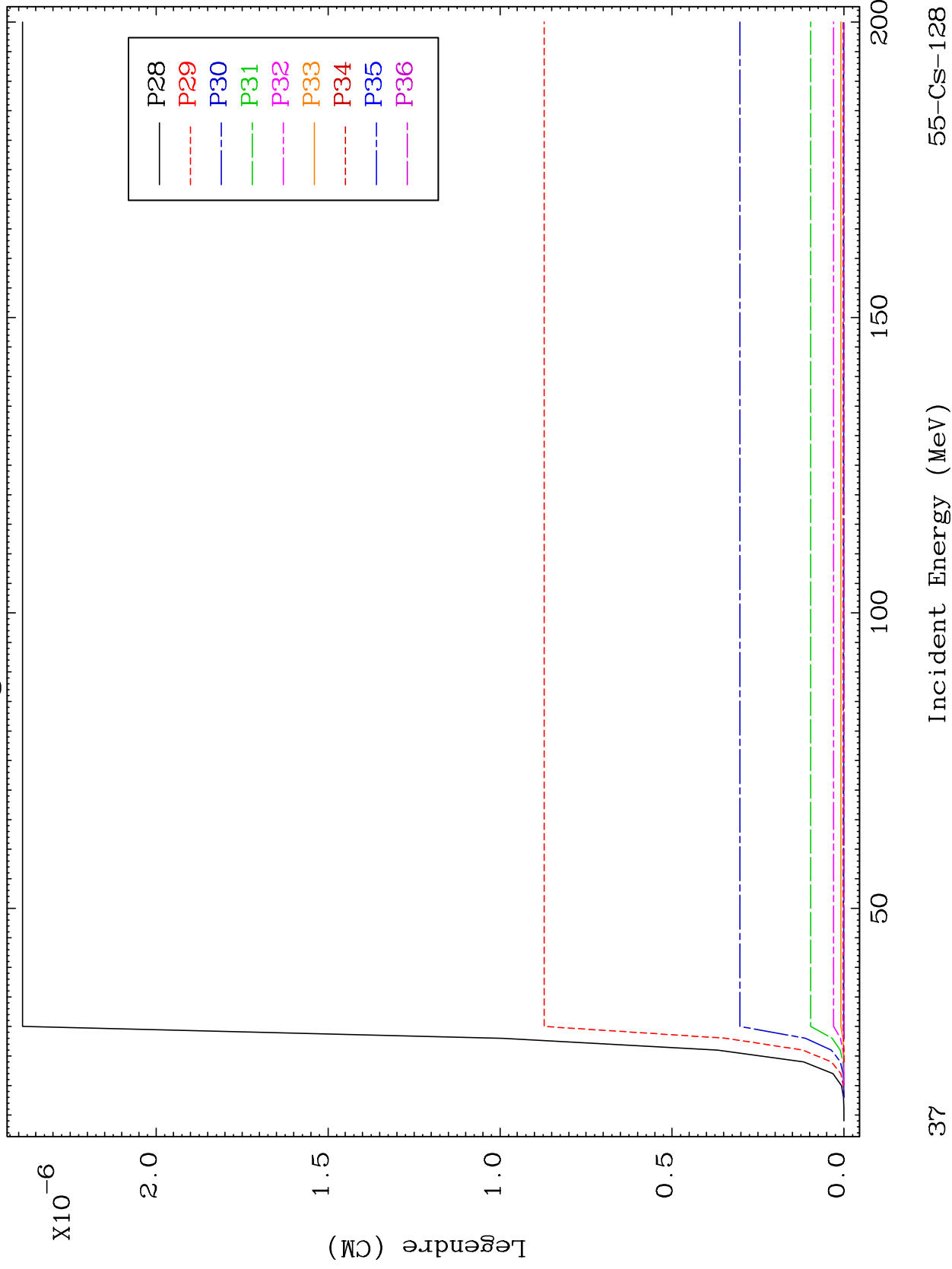
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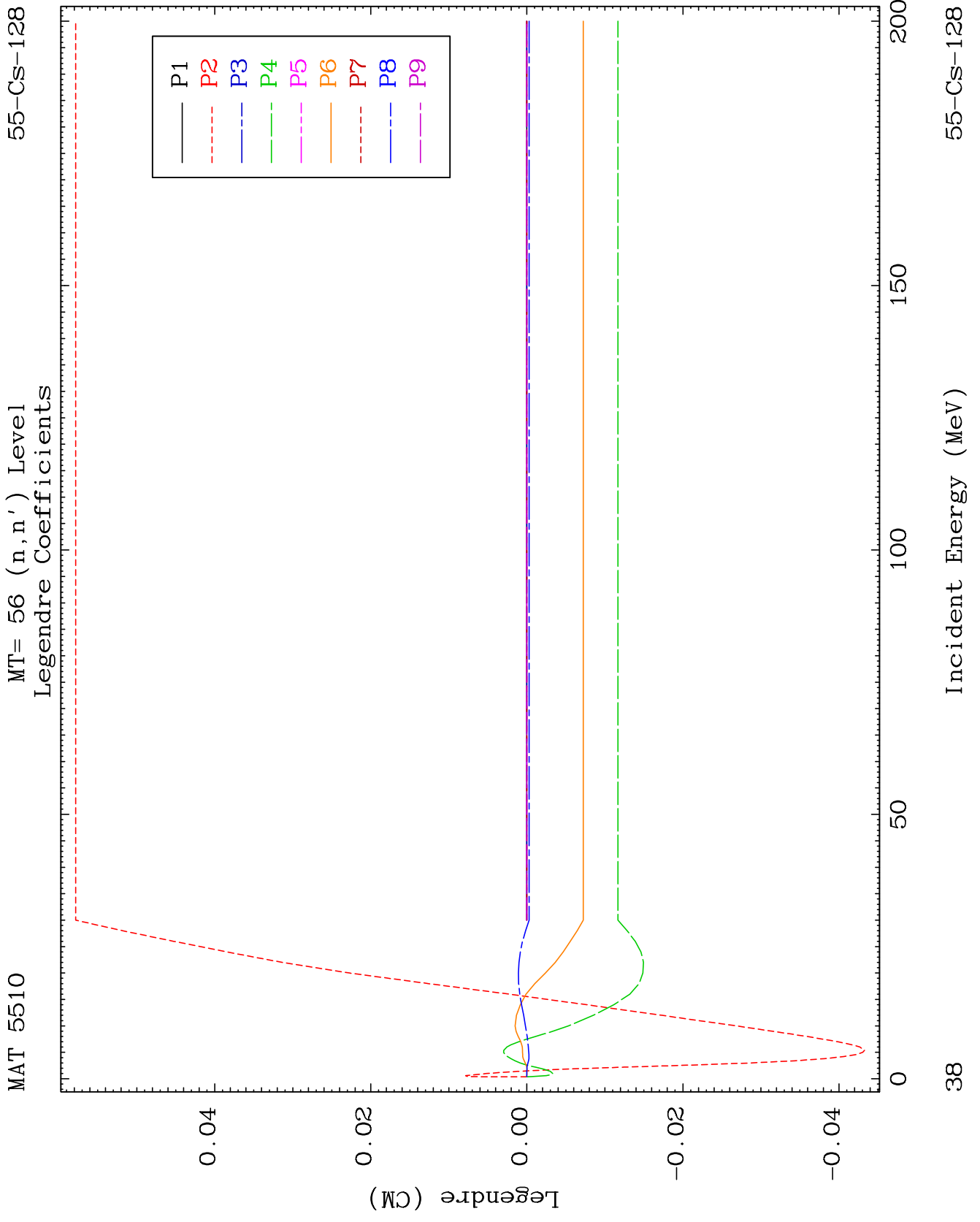


MAT 5510

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

55-Cs-128

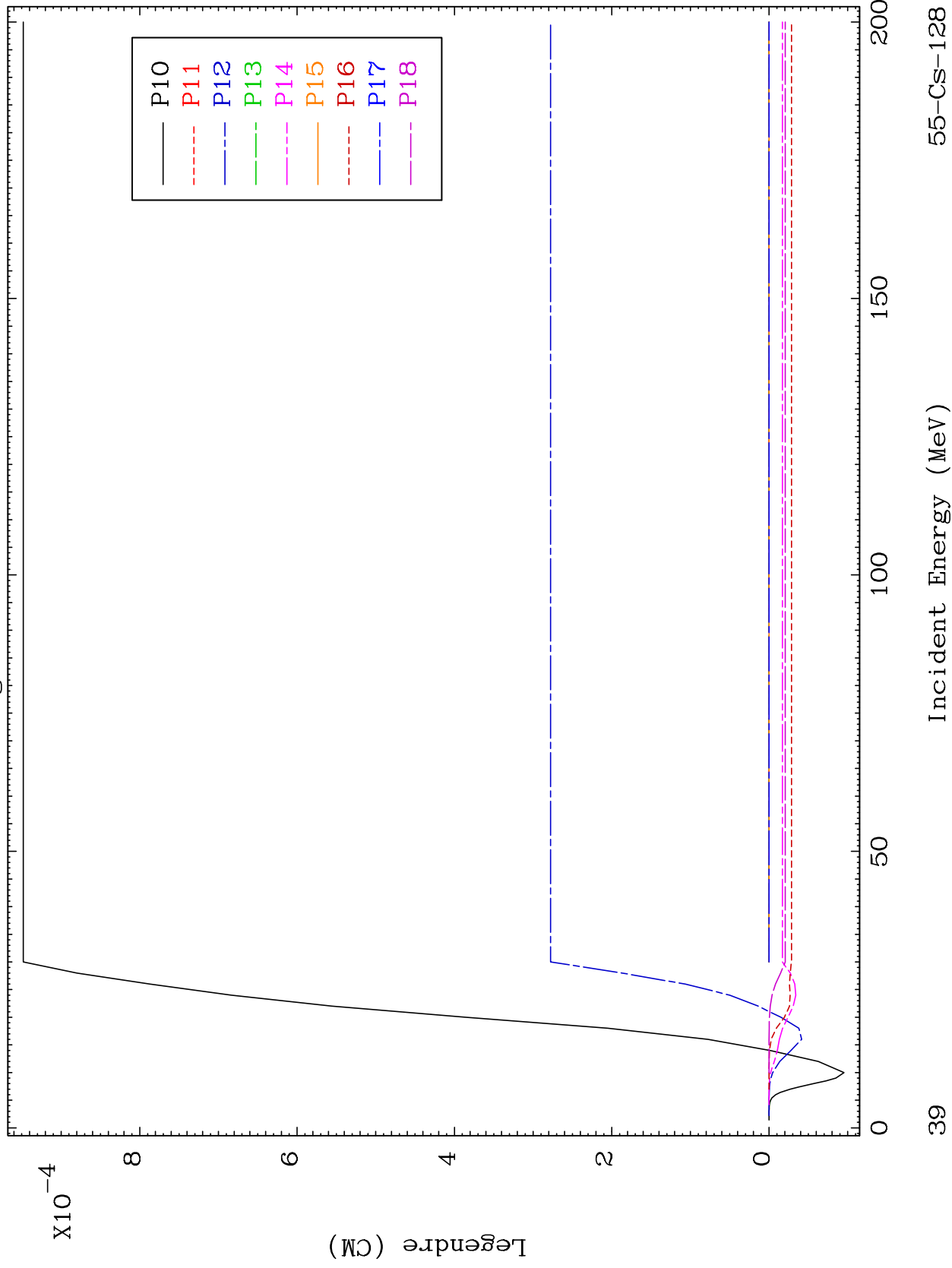


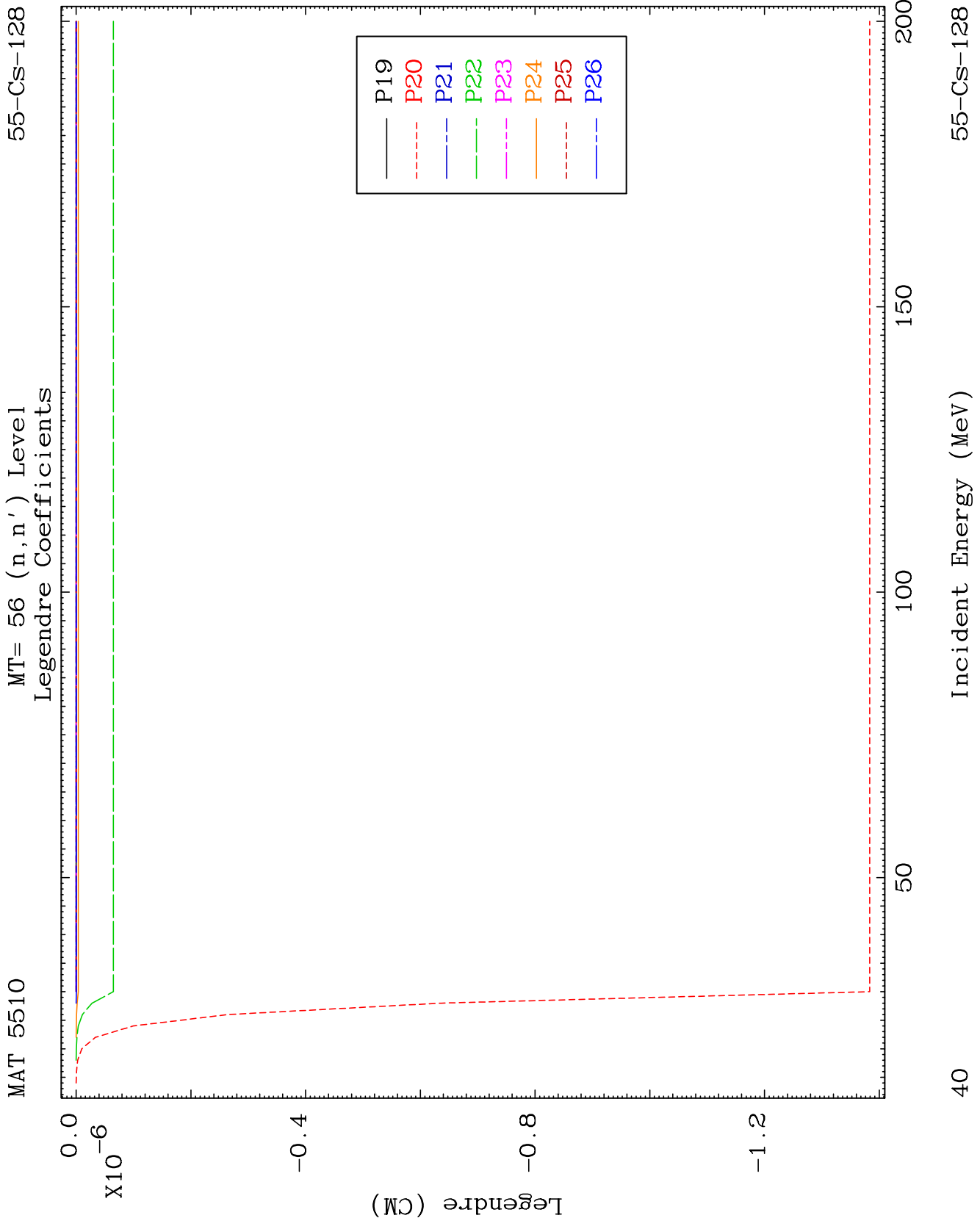


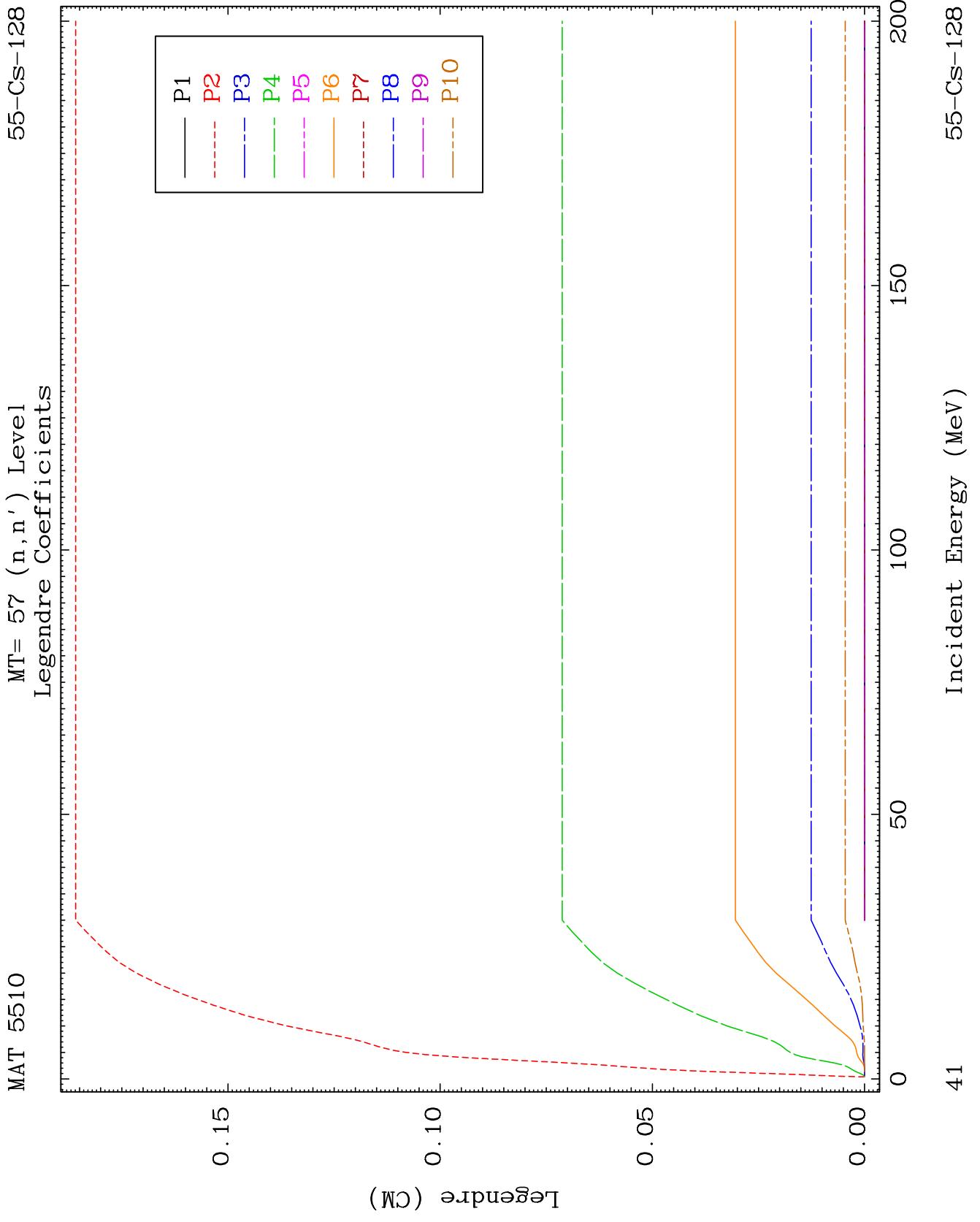
MAT 5510

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

55-Cs-128



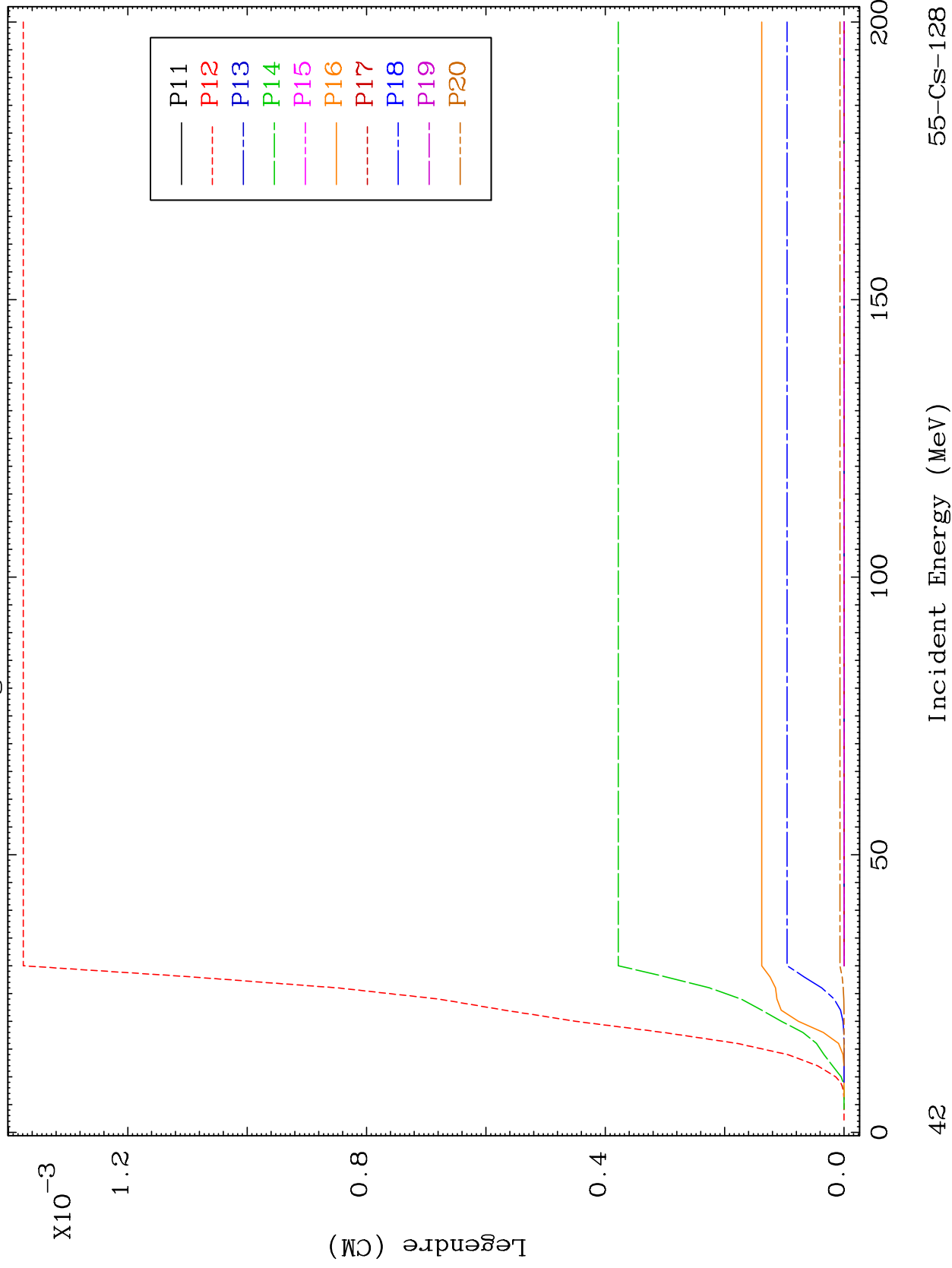




MAT 5510

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

55-Cs-128



55-Cs-128

Incident Energy (MeV)

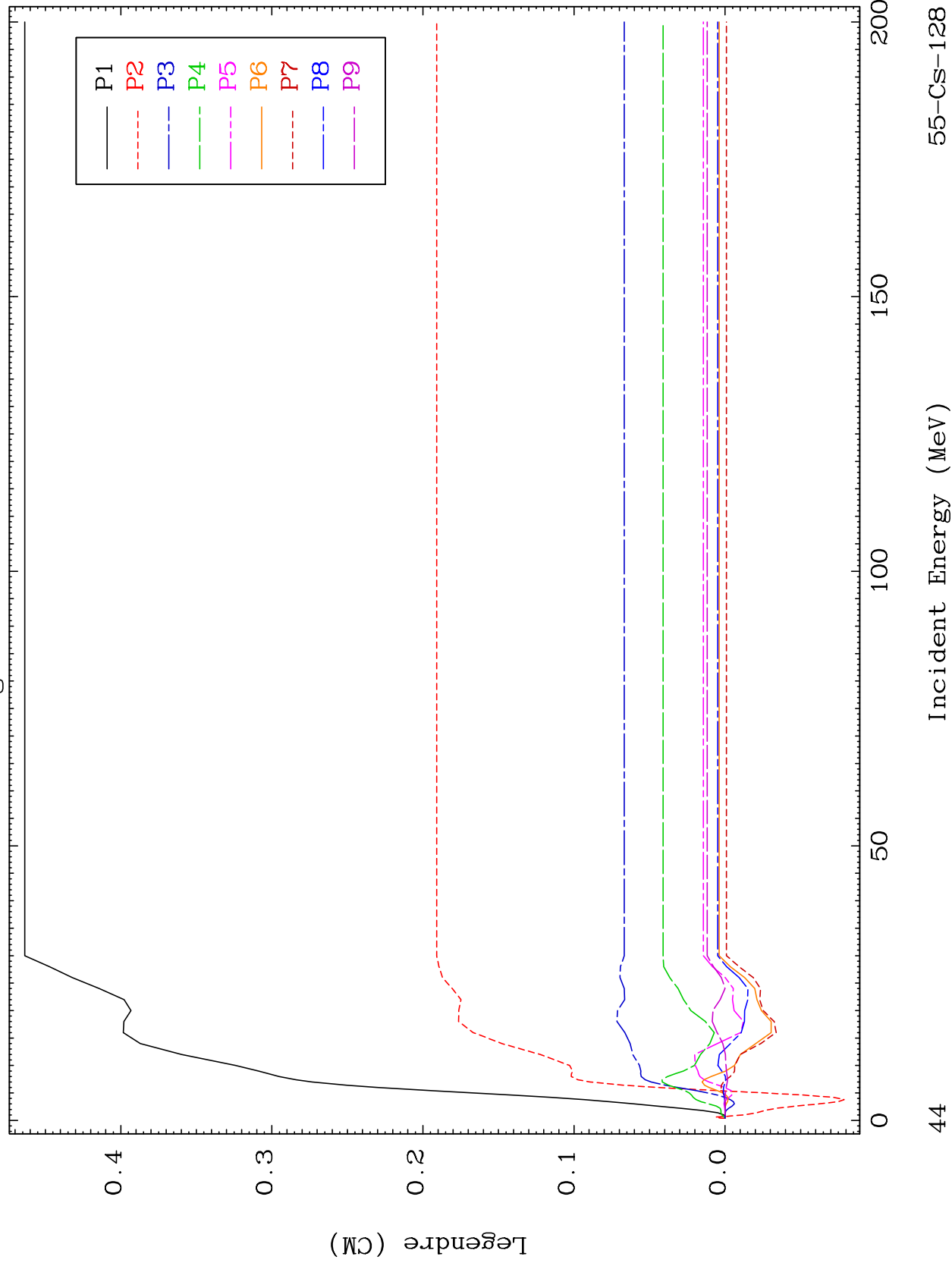
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MAT 5510

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

55-Cs-128



44

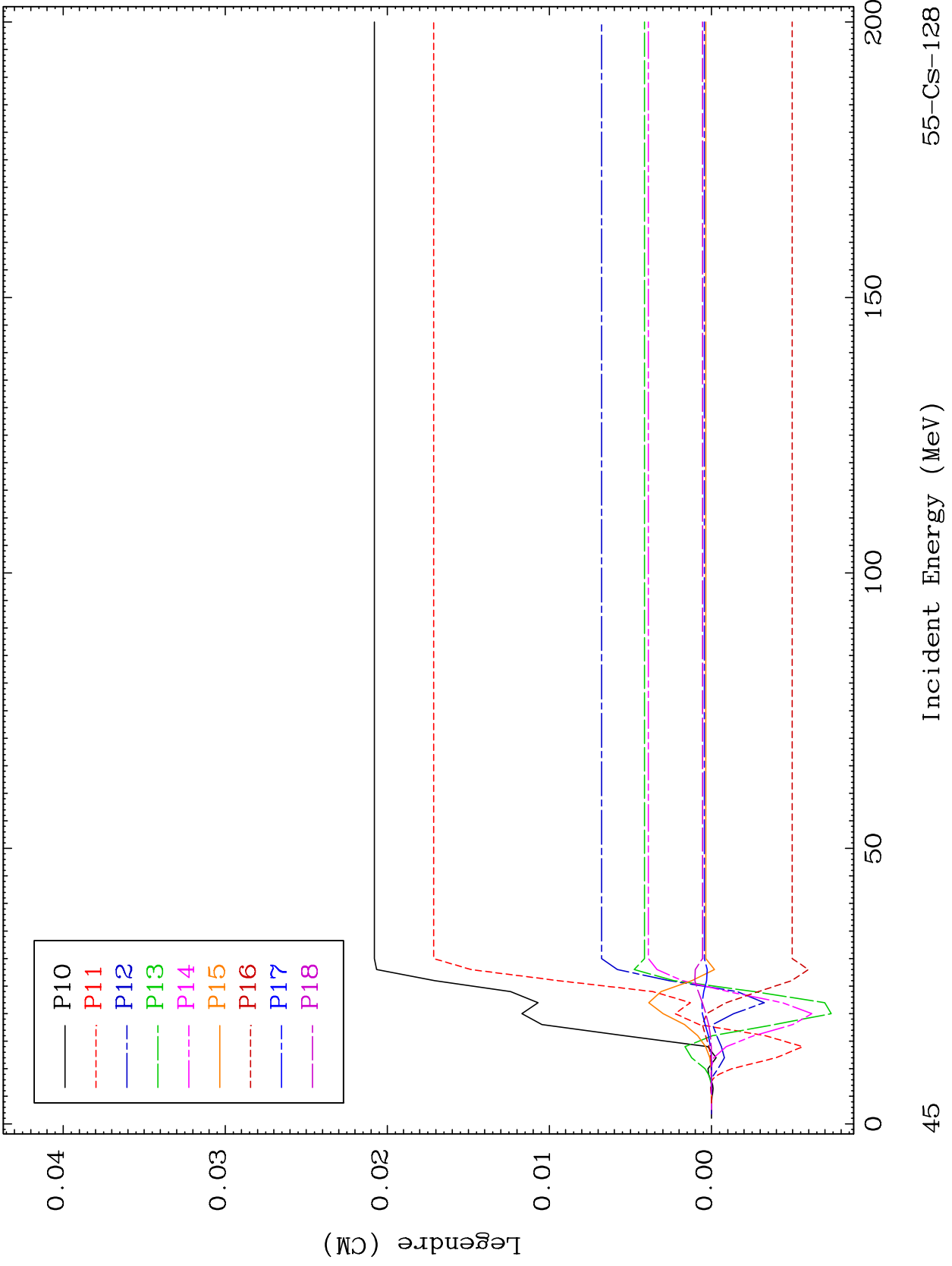
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

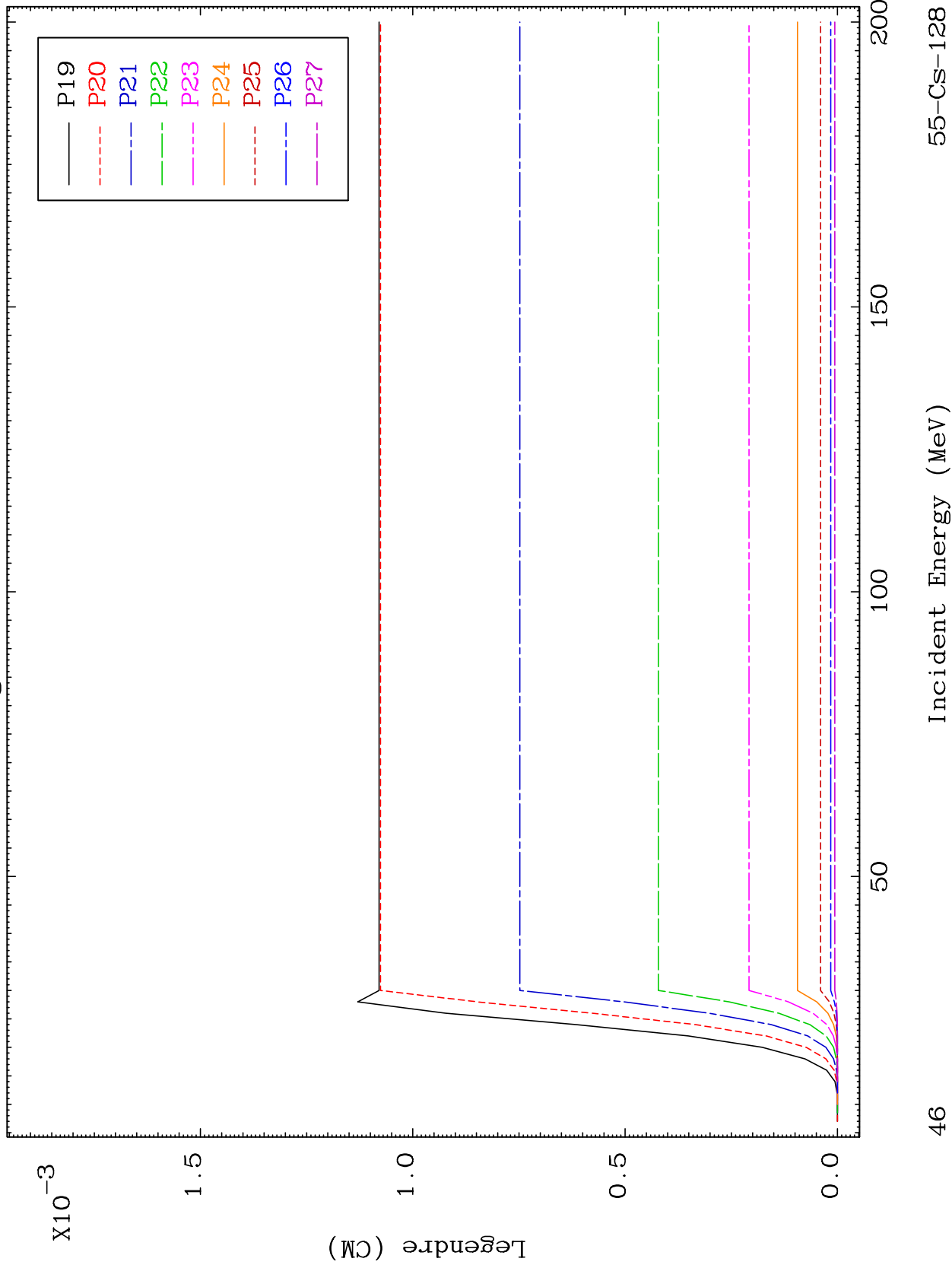
Incident Energy (MeV)

45

MAT 5510

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

55-Cs-128



46

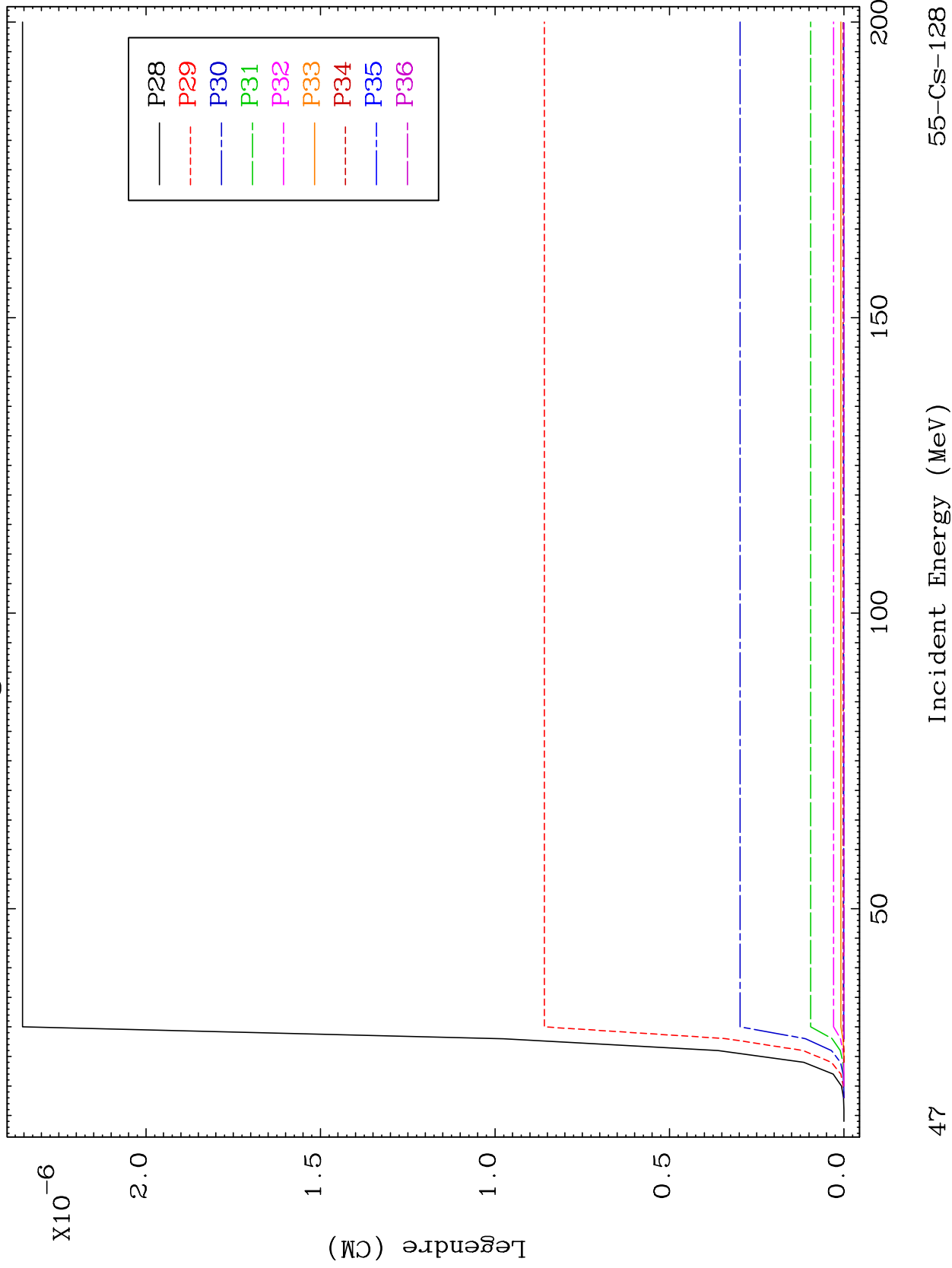
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128

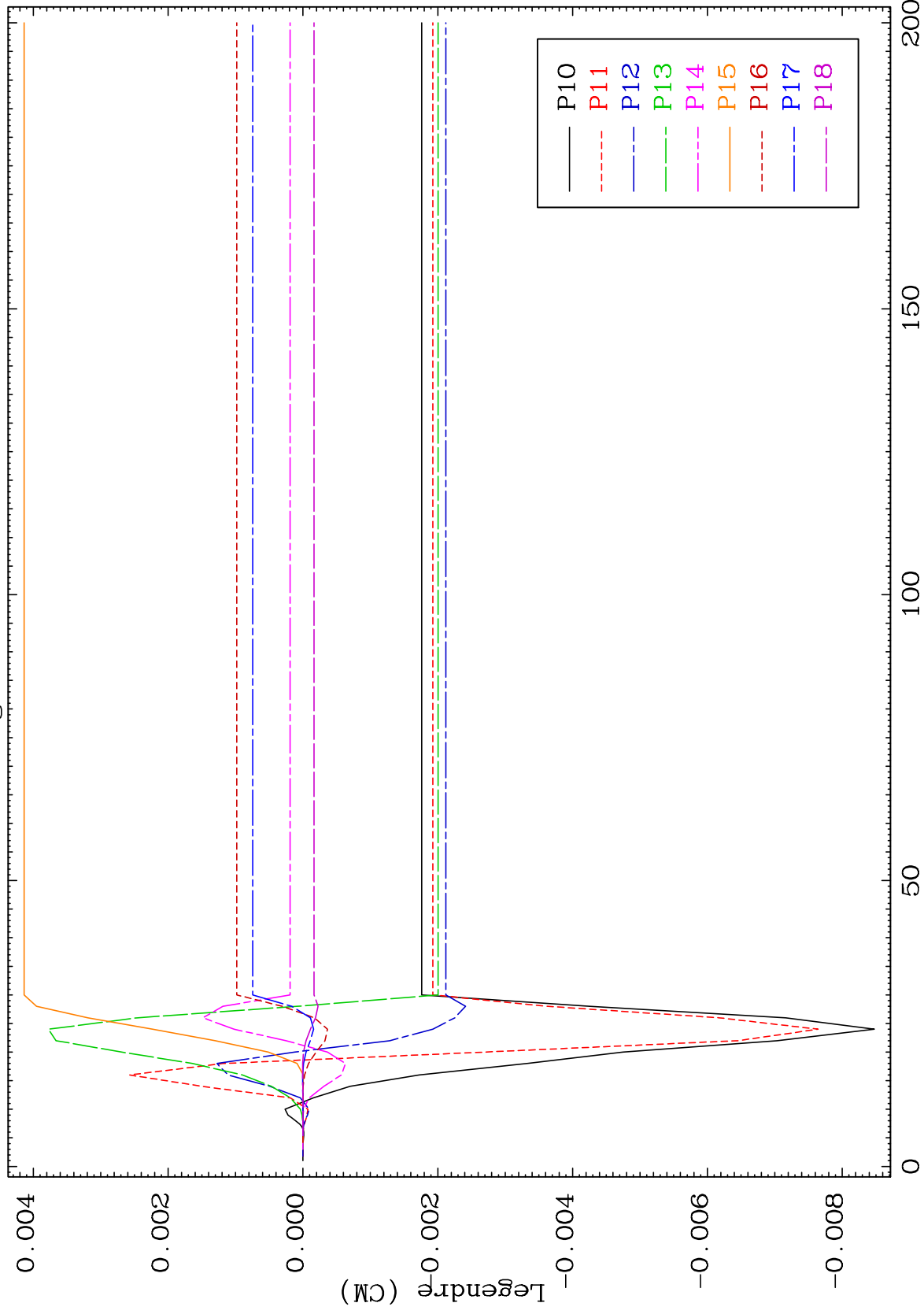




MAT 5510

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

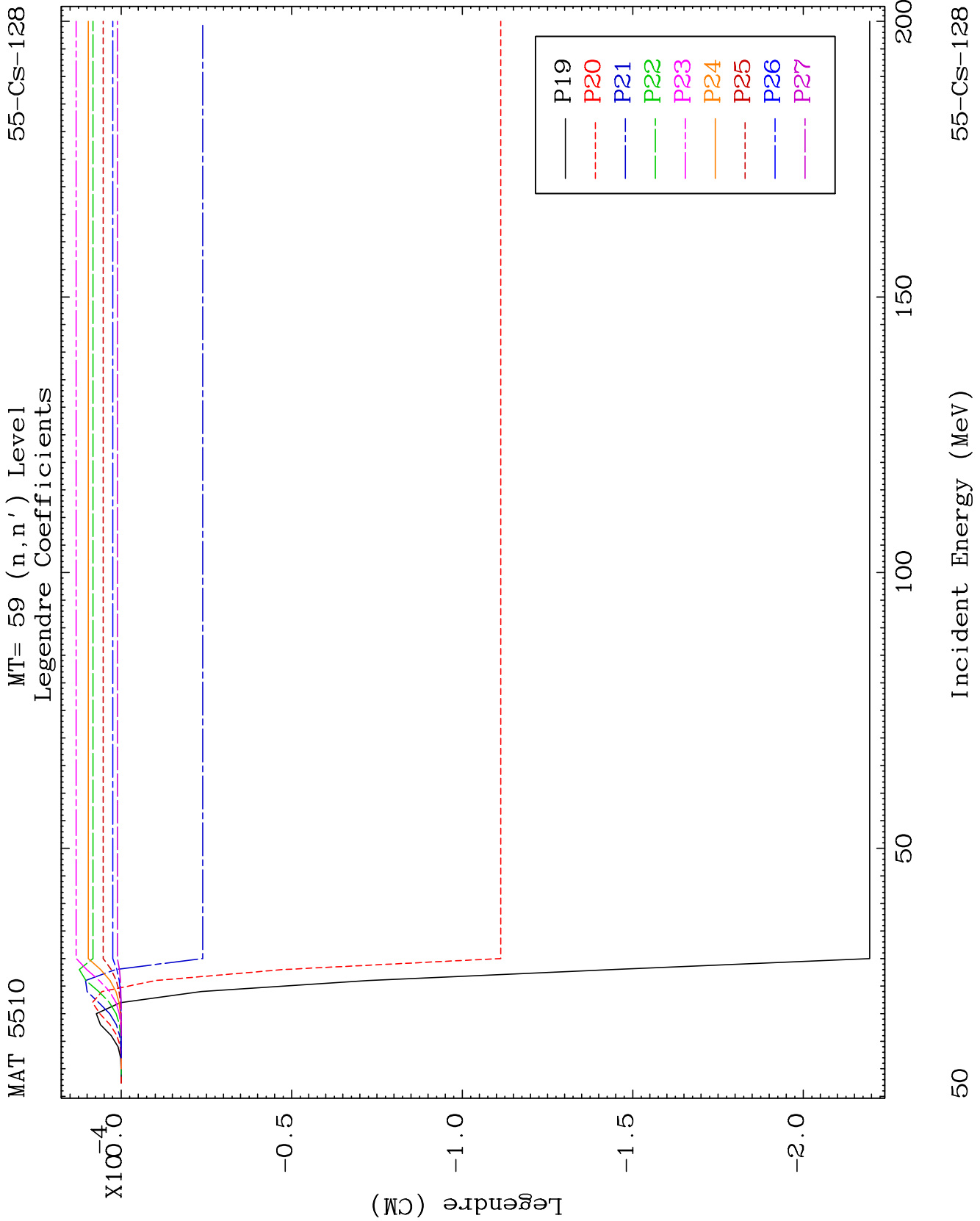
55-Cs-128



49

Incident Energy (MeV)

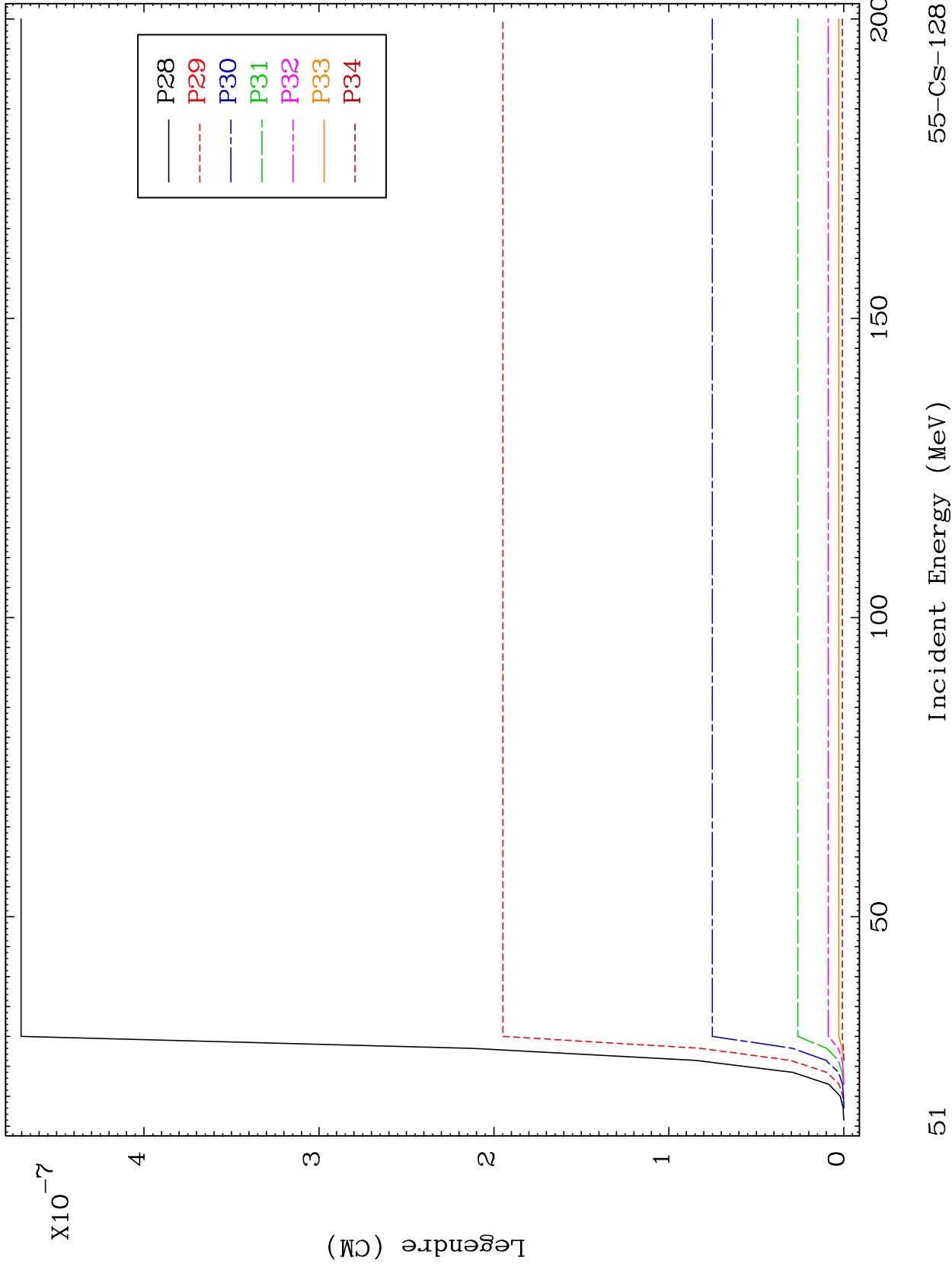
55-Cs-128



MAT 5510

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

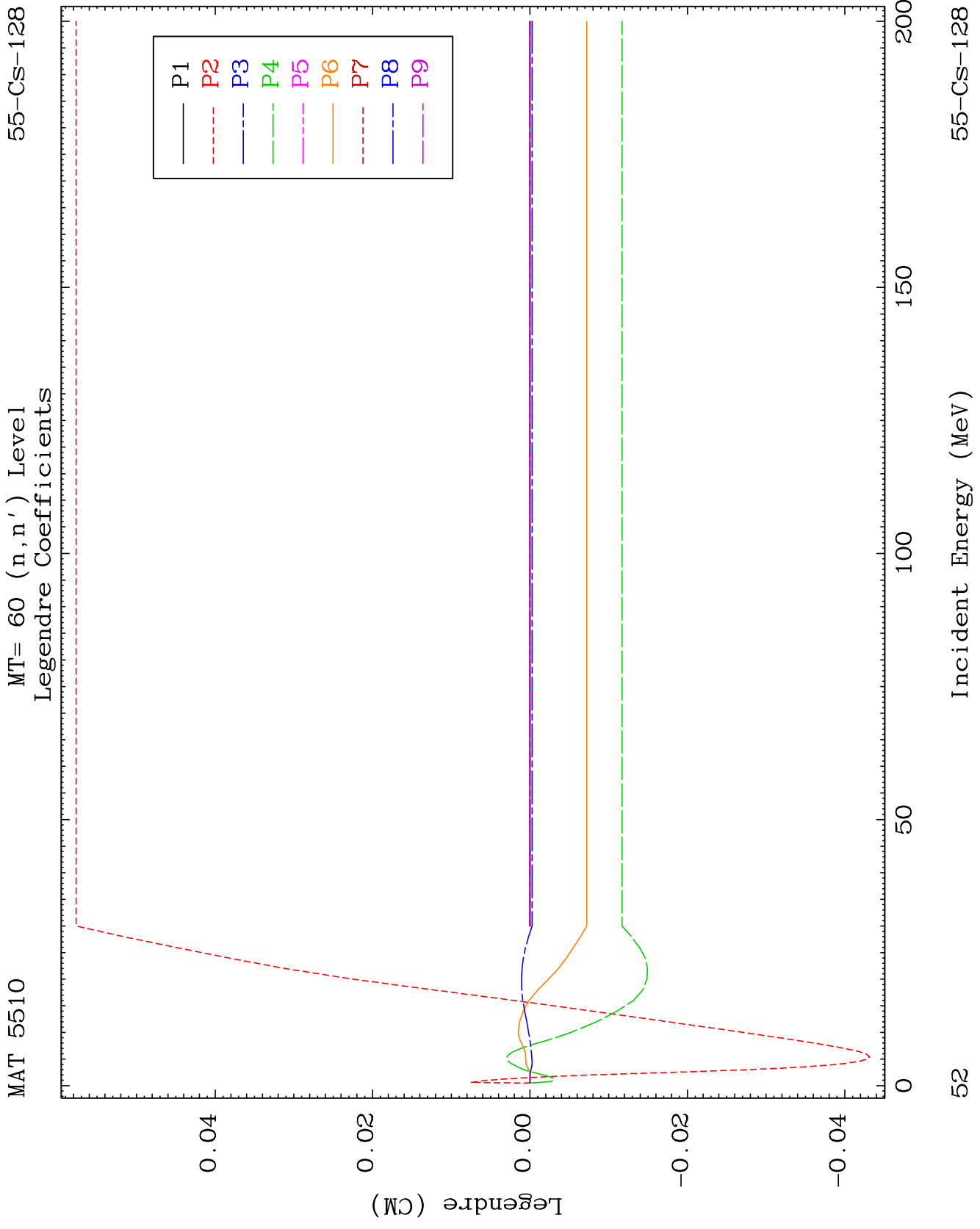
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51

Incident Energy (MeV)

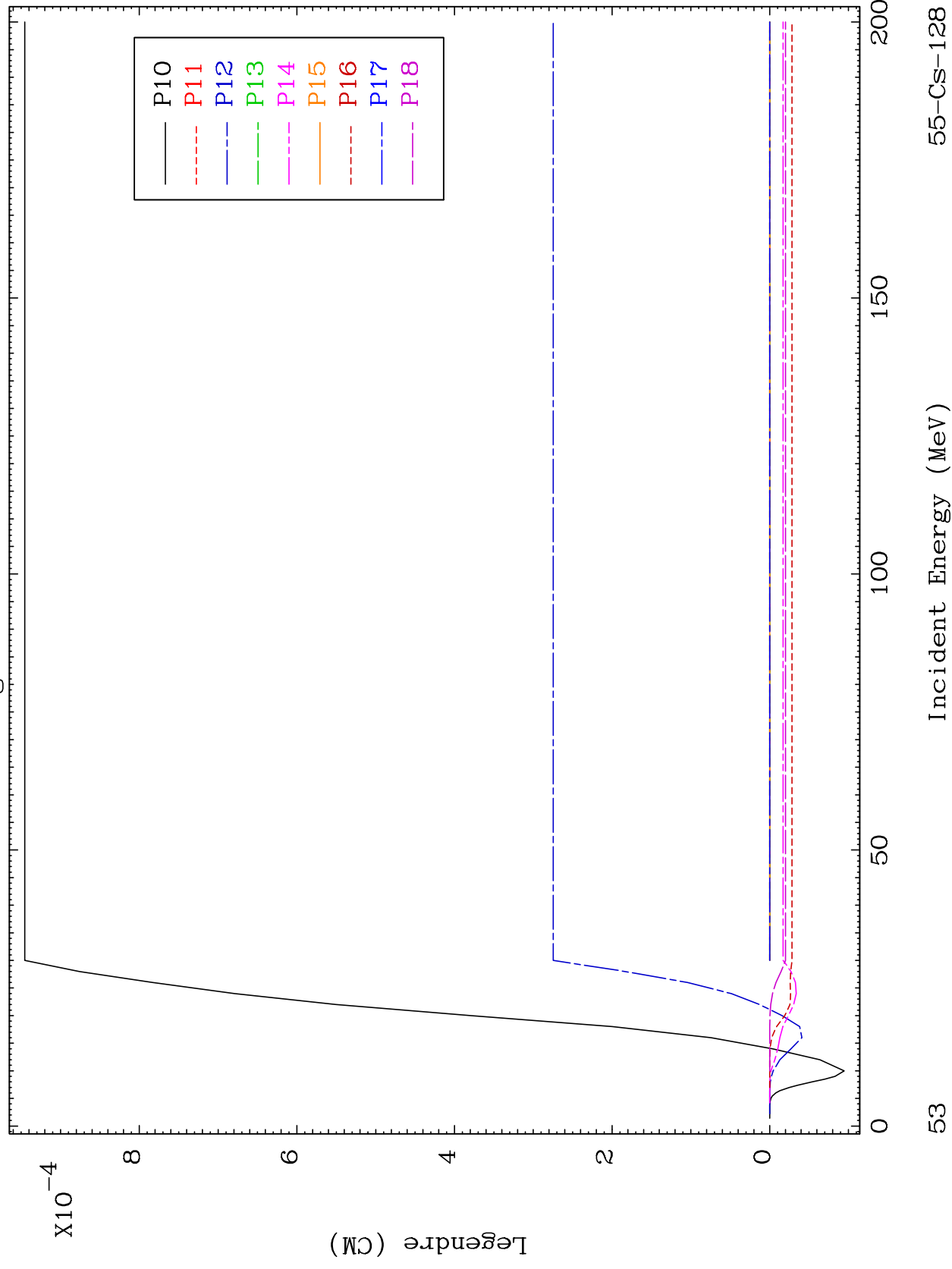
55-Cs-128



MAT 5510

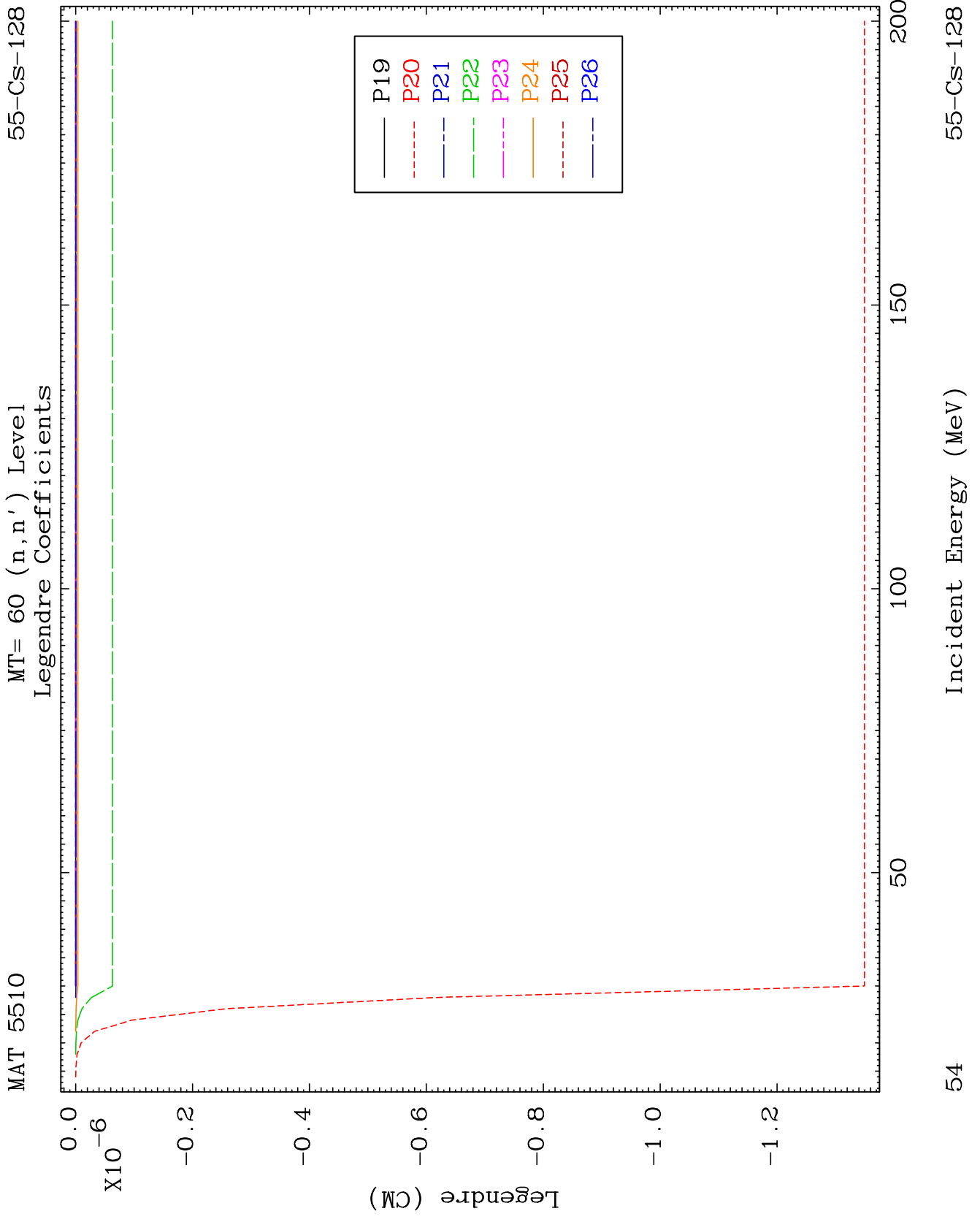
MT= 60 (n,n') Level  
Legendre Coefficients

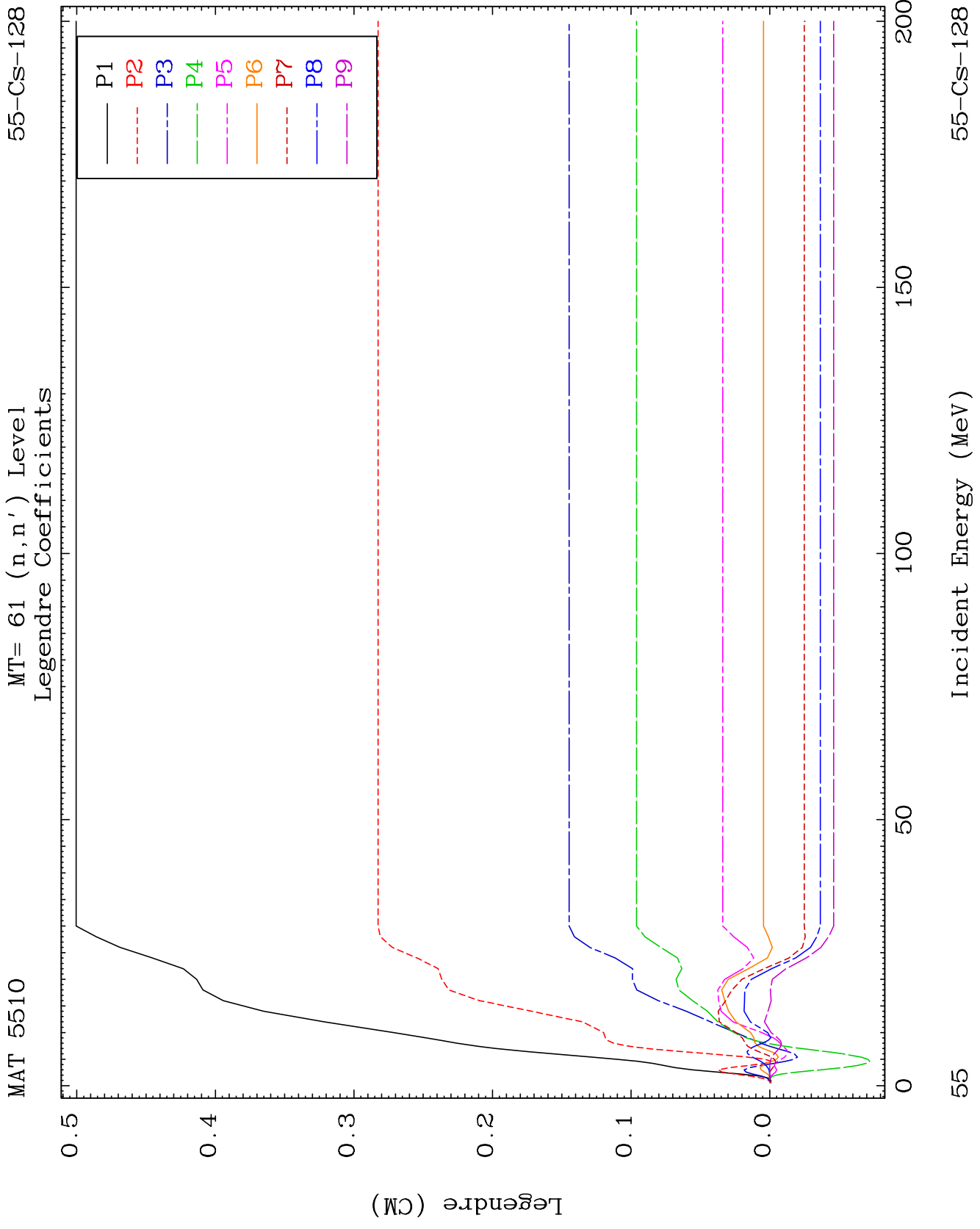
55-Cs-128

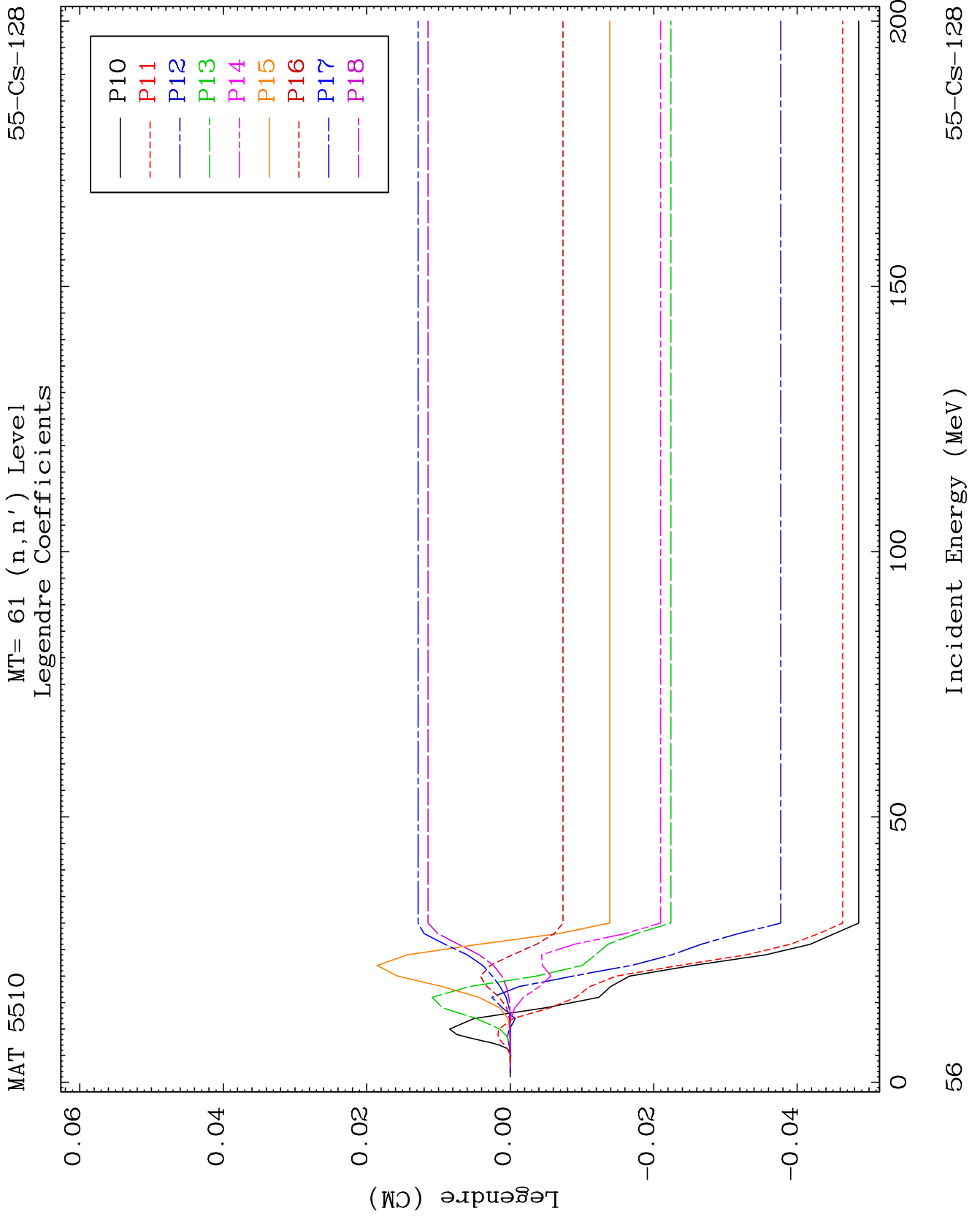


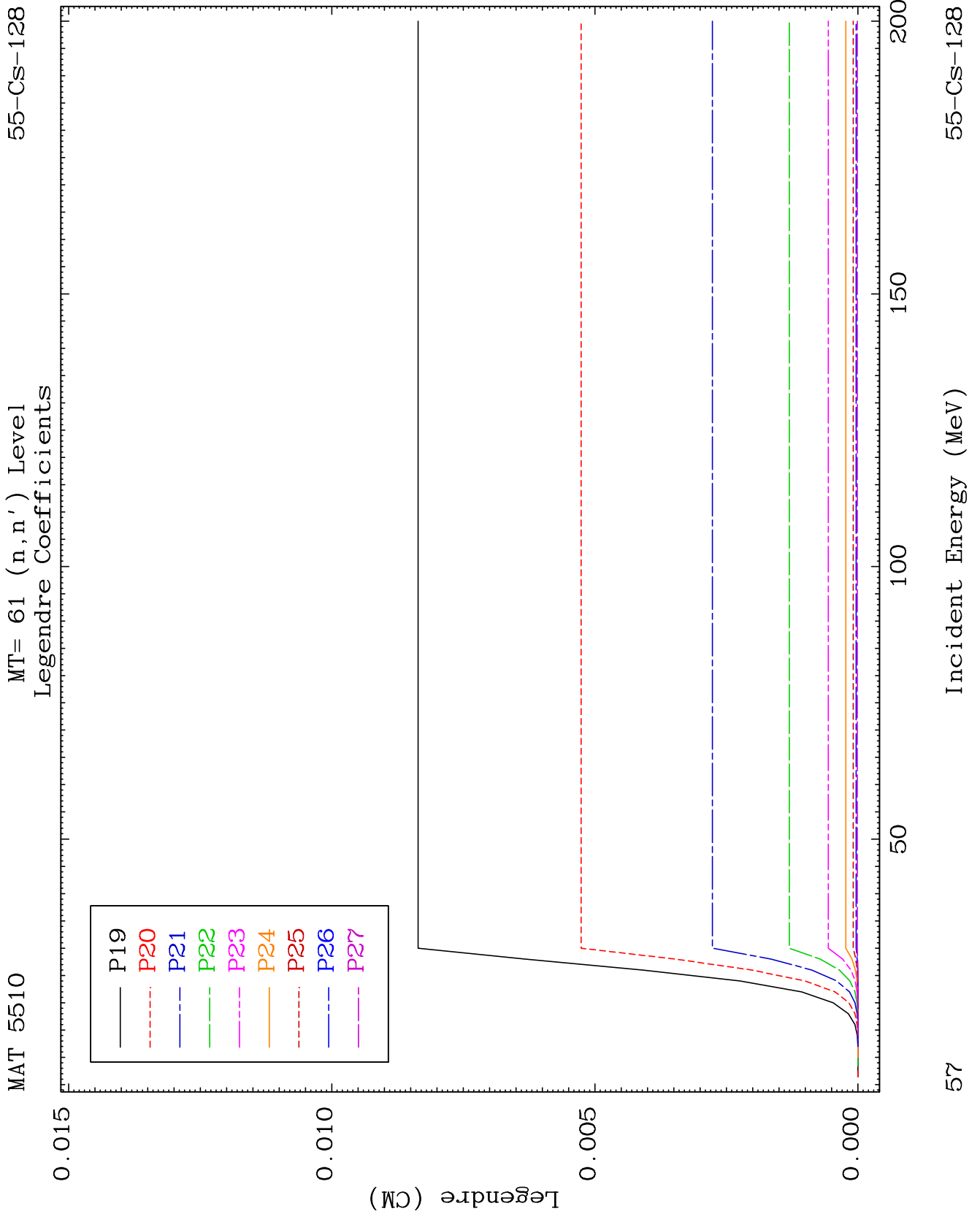
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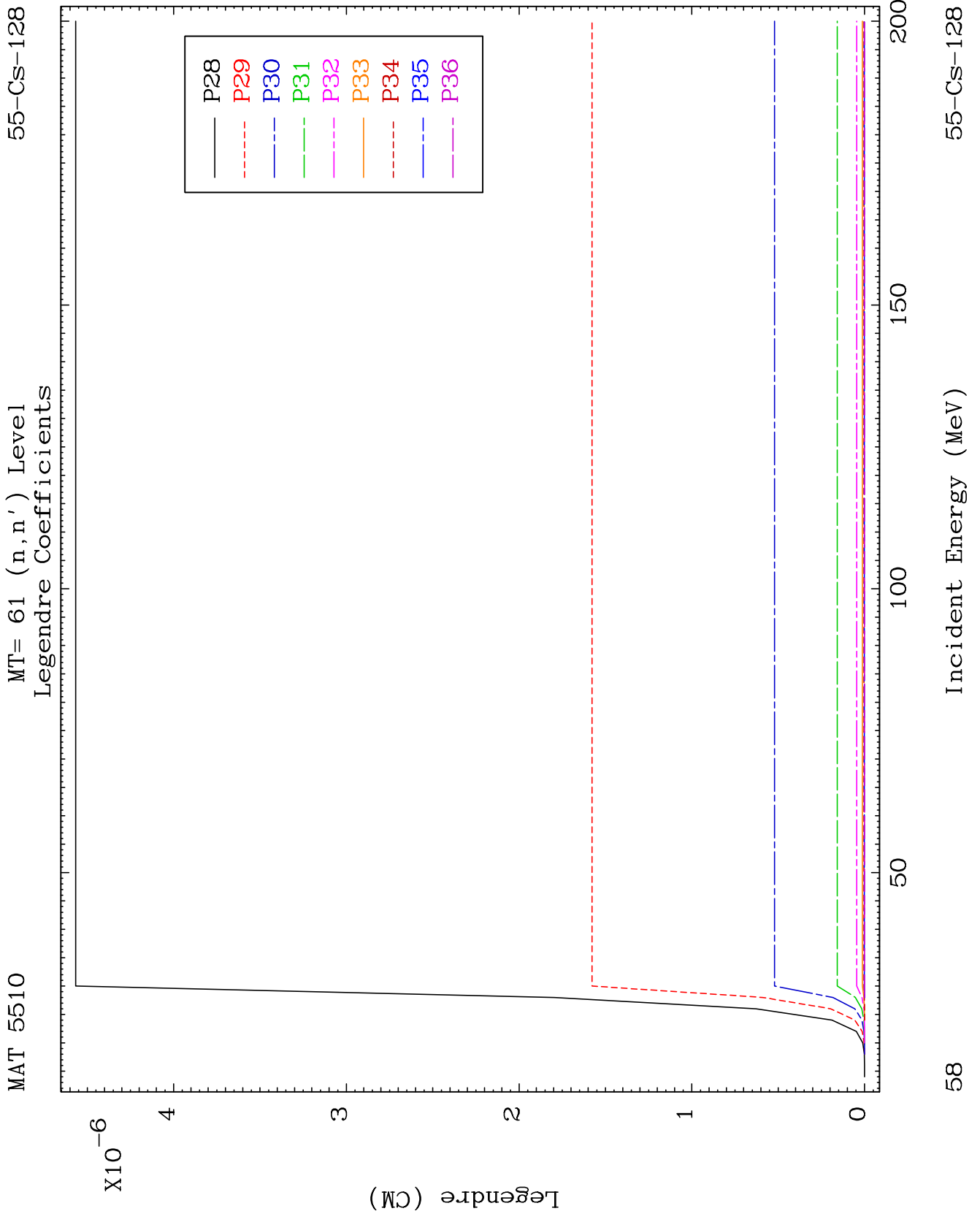
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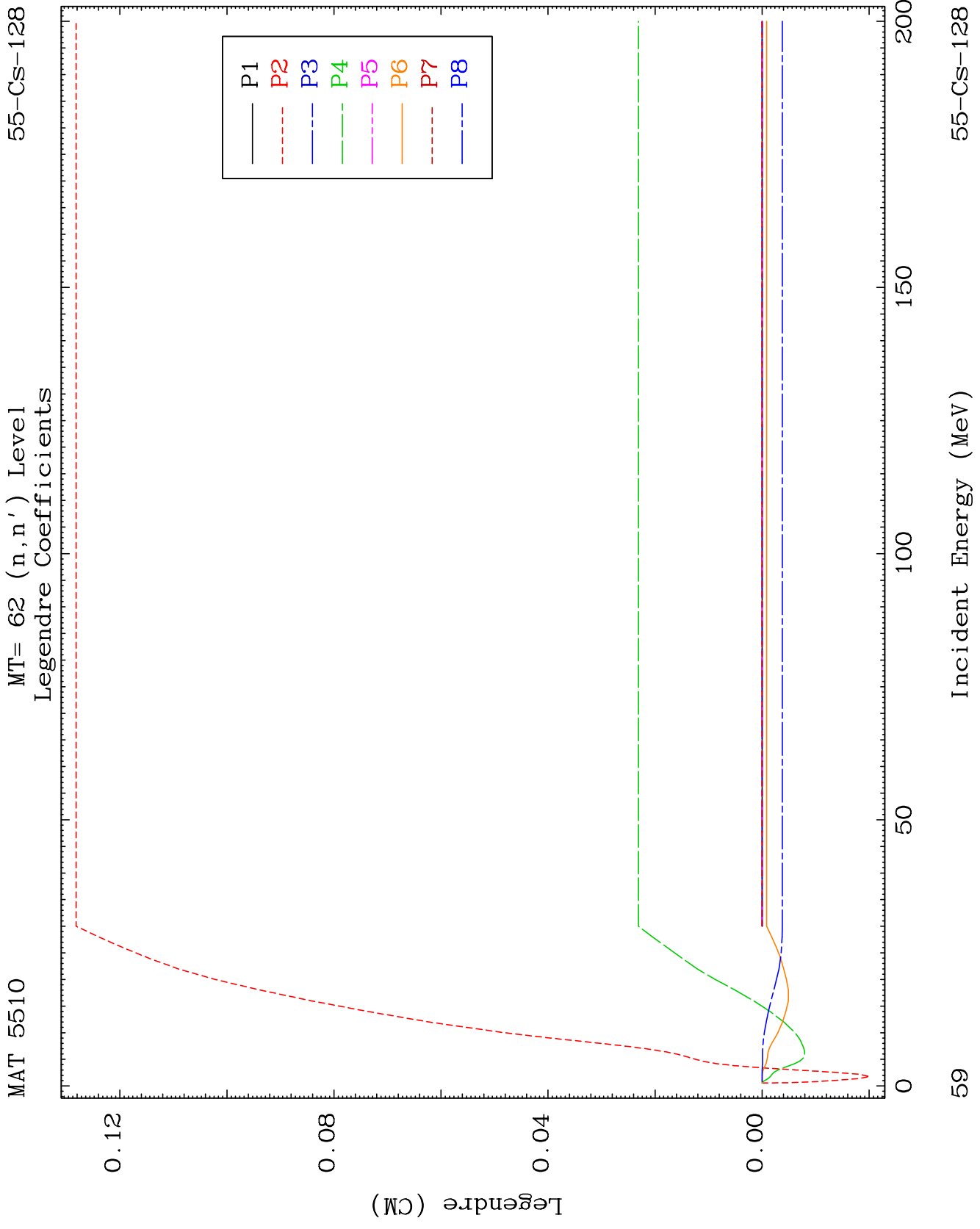


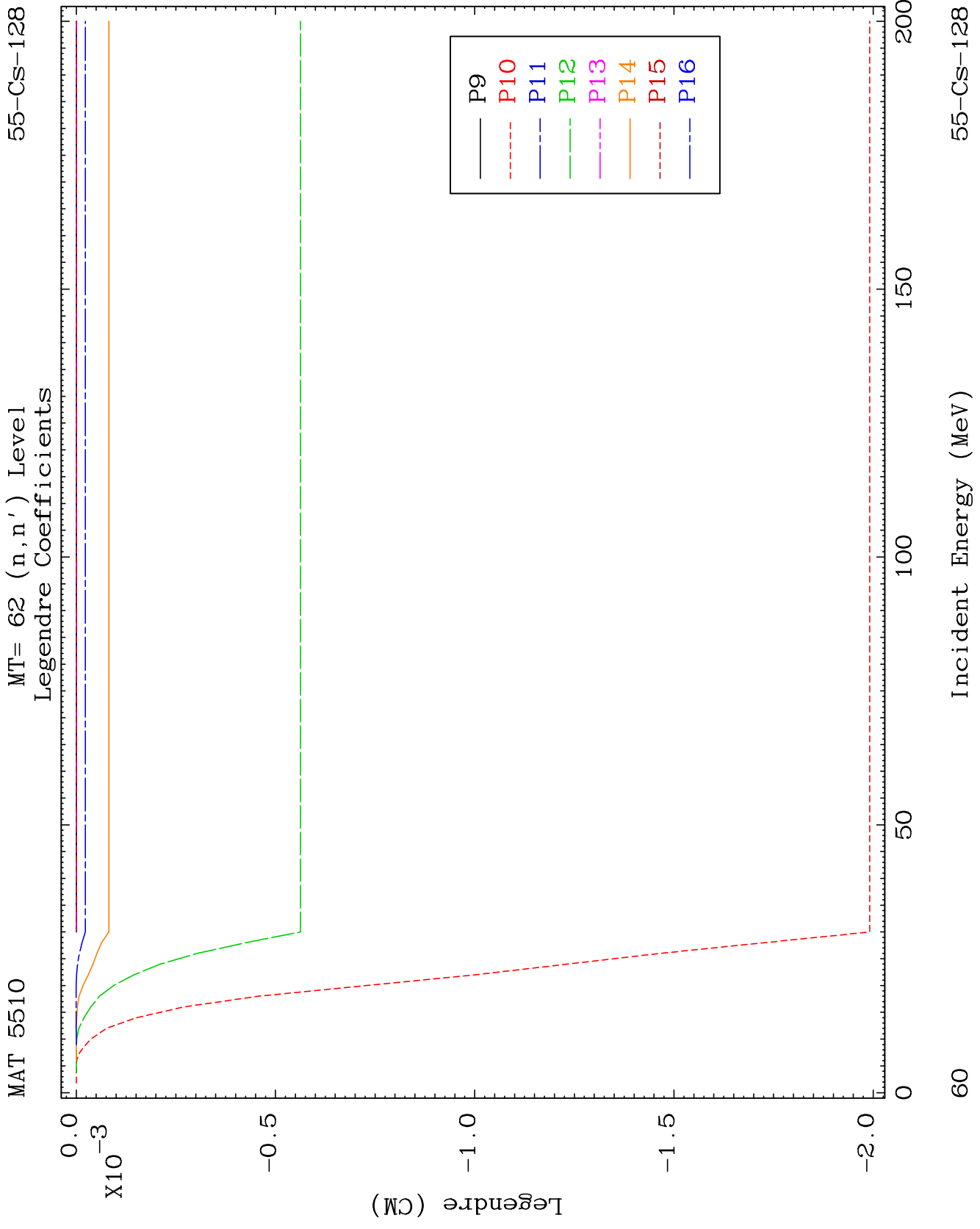








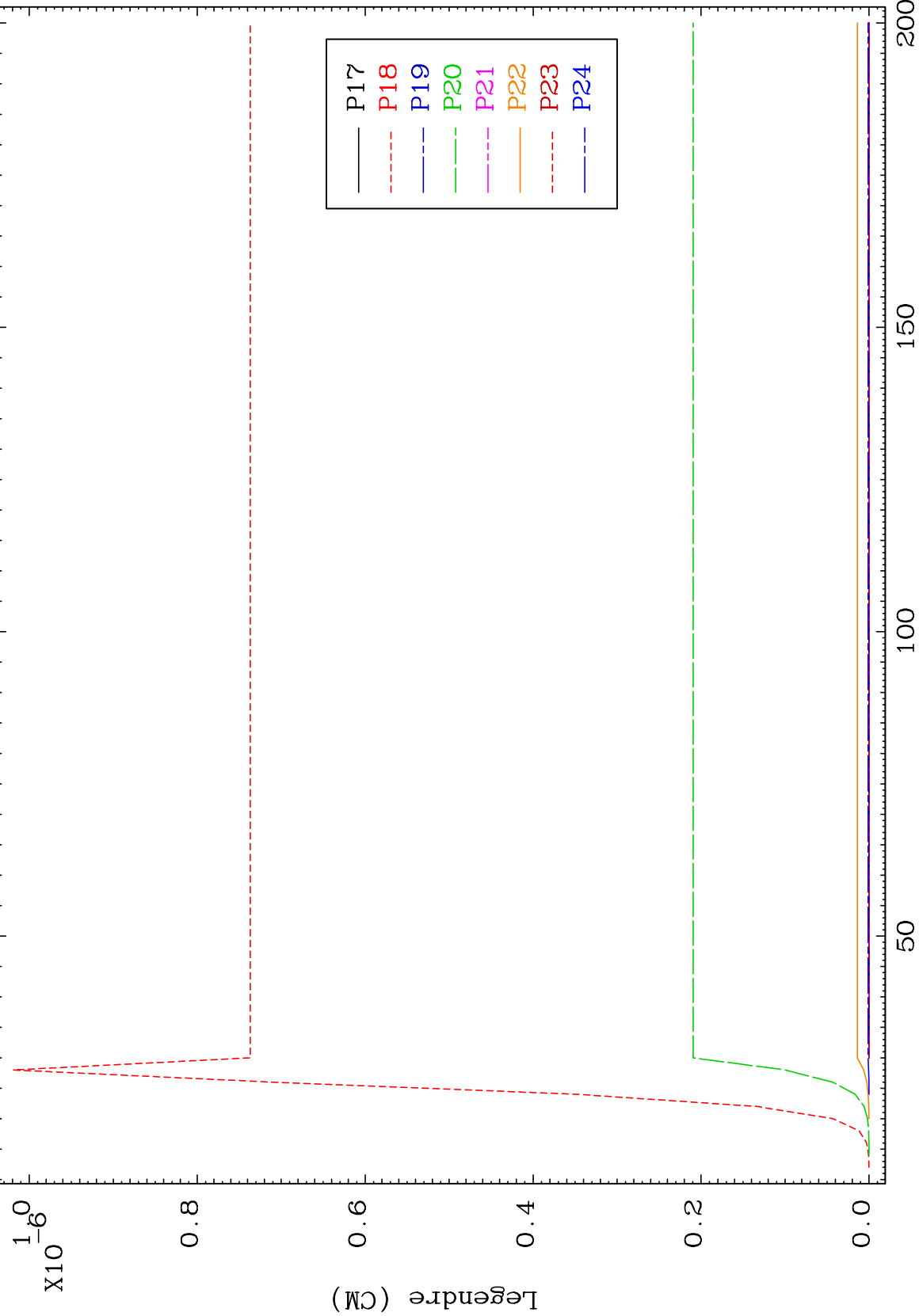




MAT 5510

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

55-Cs-128



61

Incident Energy (MeV)

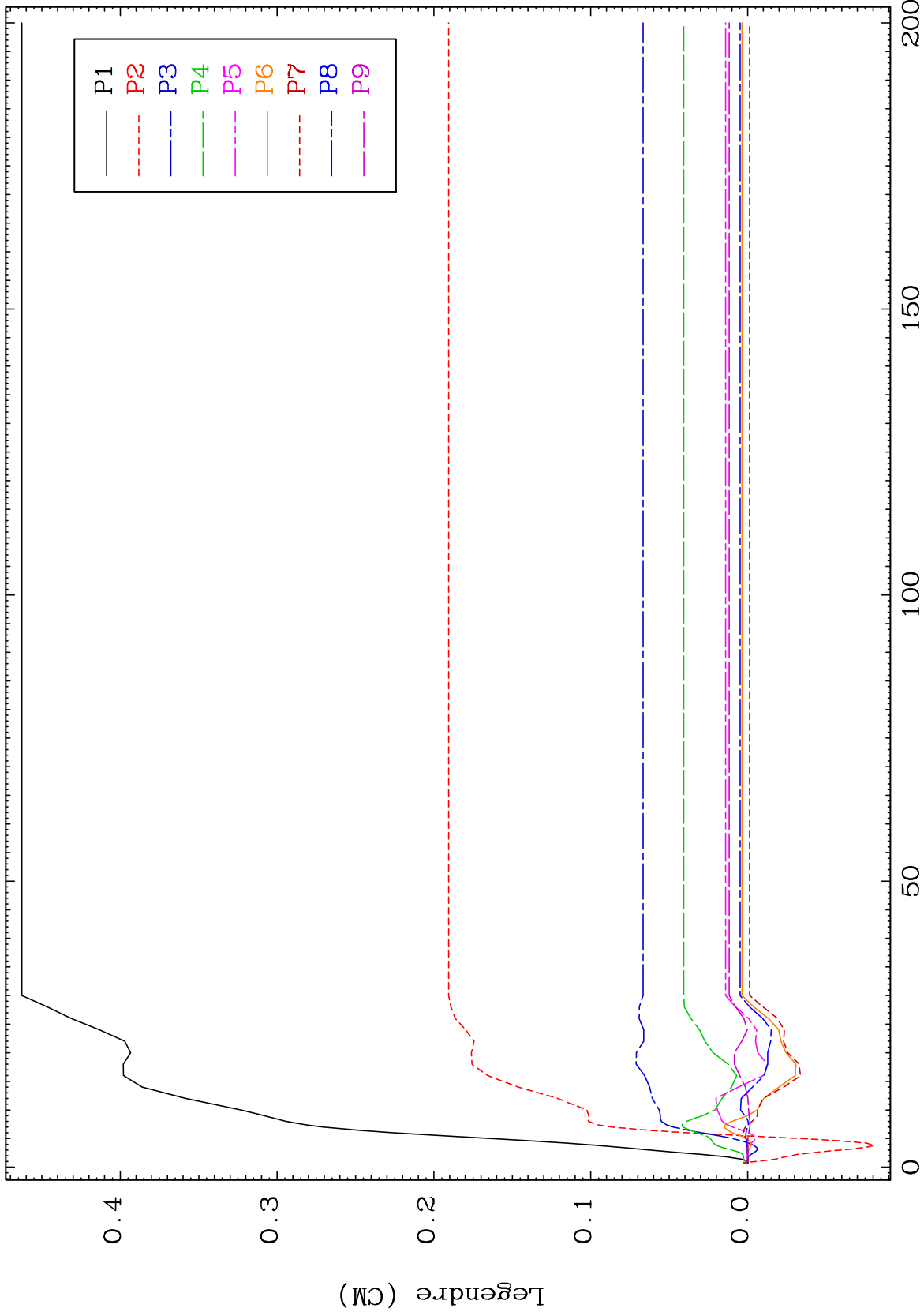
55-Cs-128

MAT 5510

MT= 63 (n,n') Level

55-Cs-128

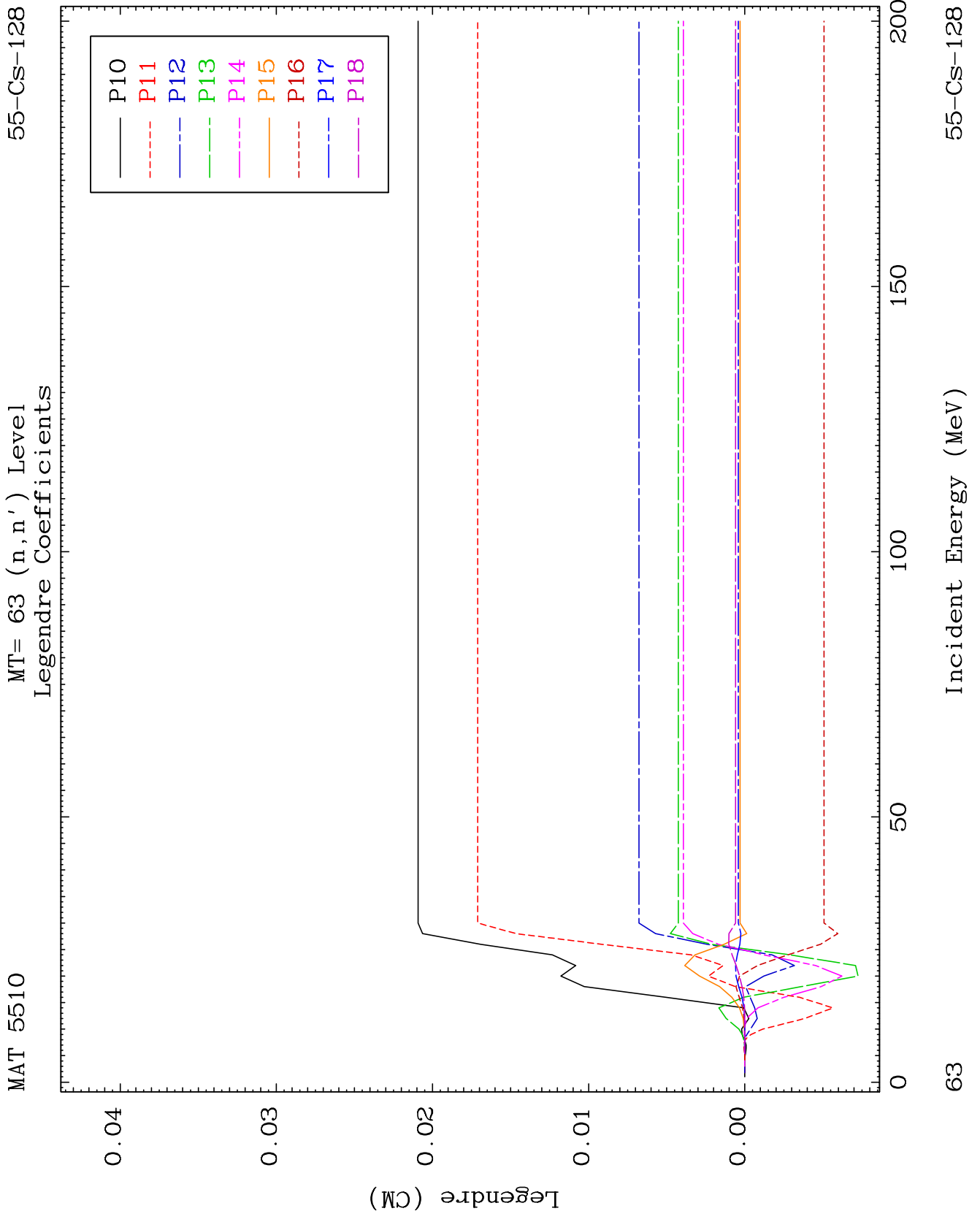
Legendre Coefficients



55-Cs-128

Incident Energy (MeV)

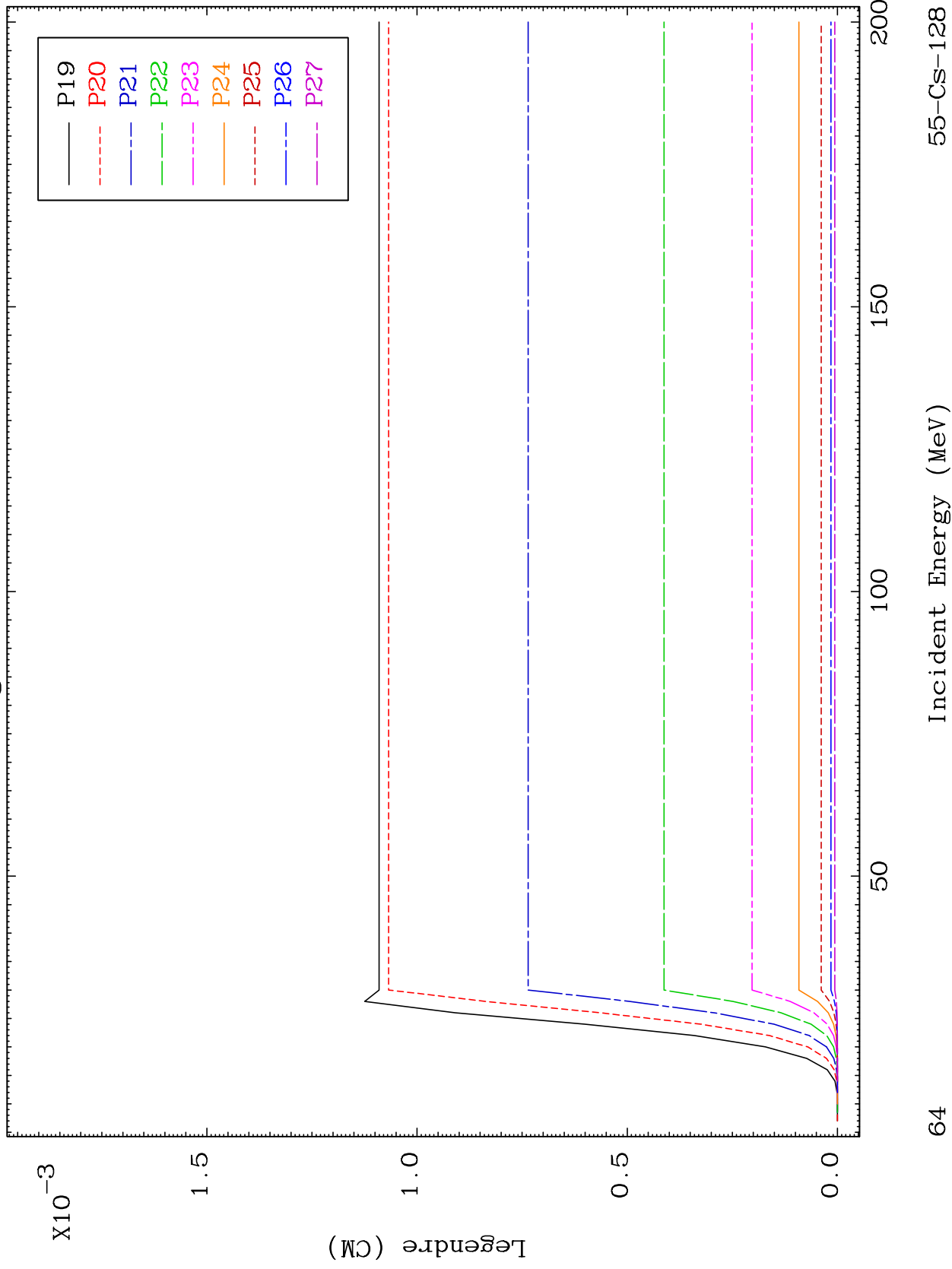
62



MAT 5510

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

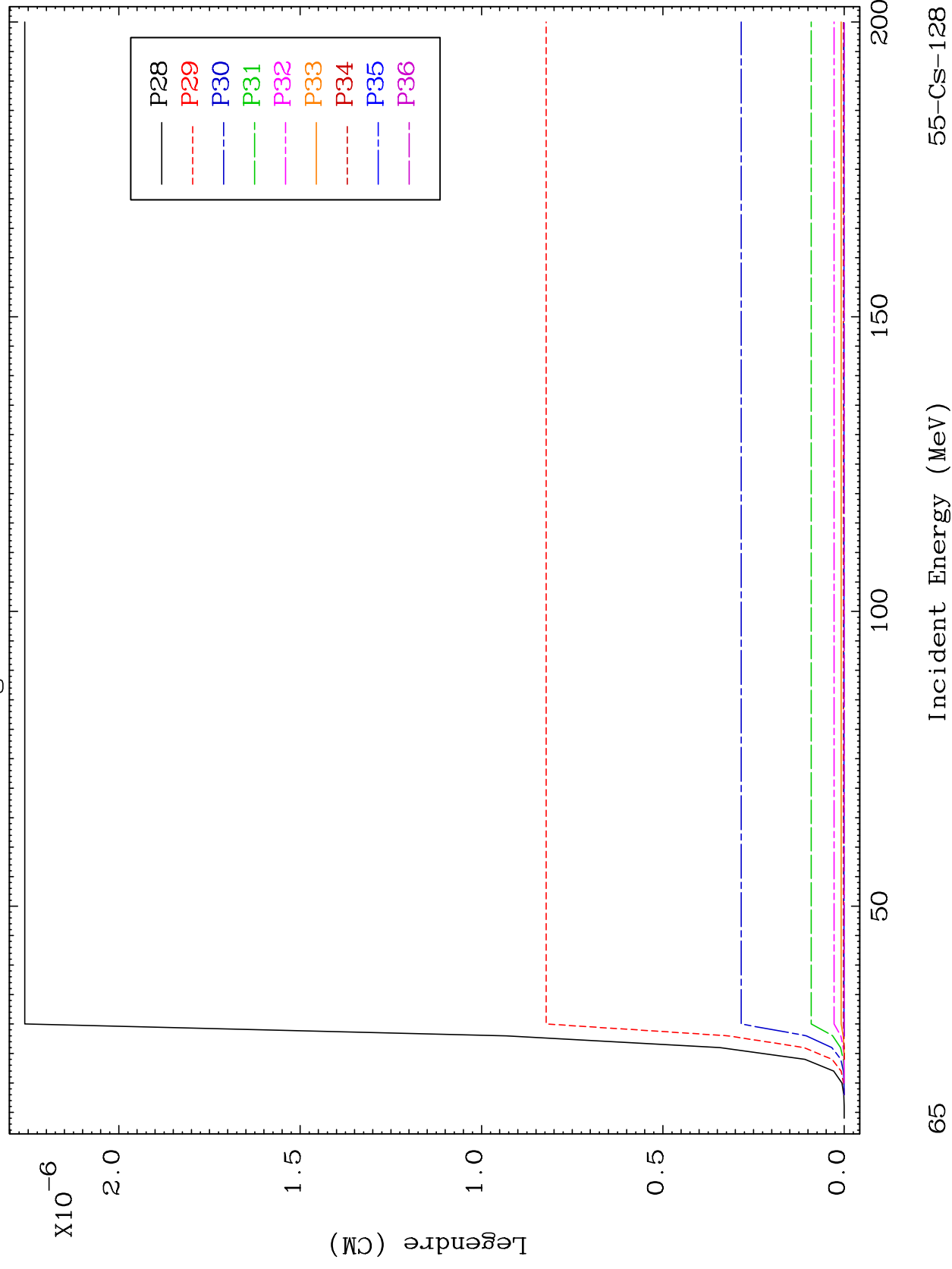
55-Cs-128



MAT 5510

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

55-Cs-128



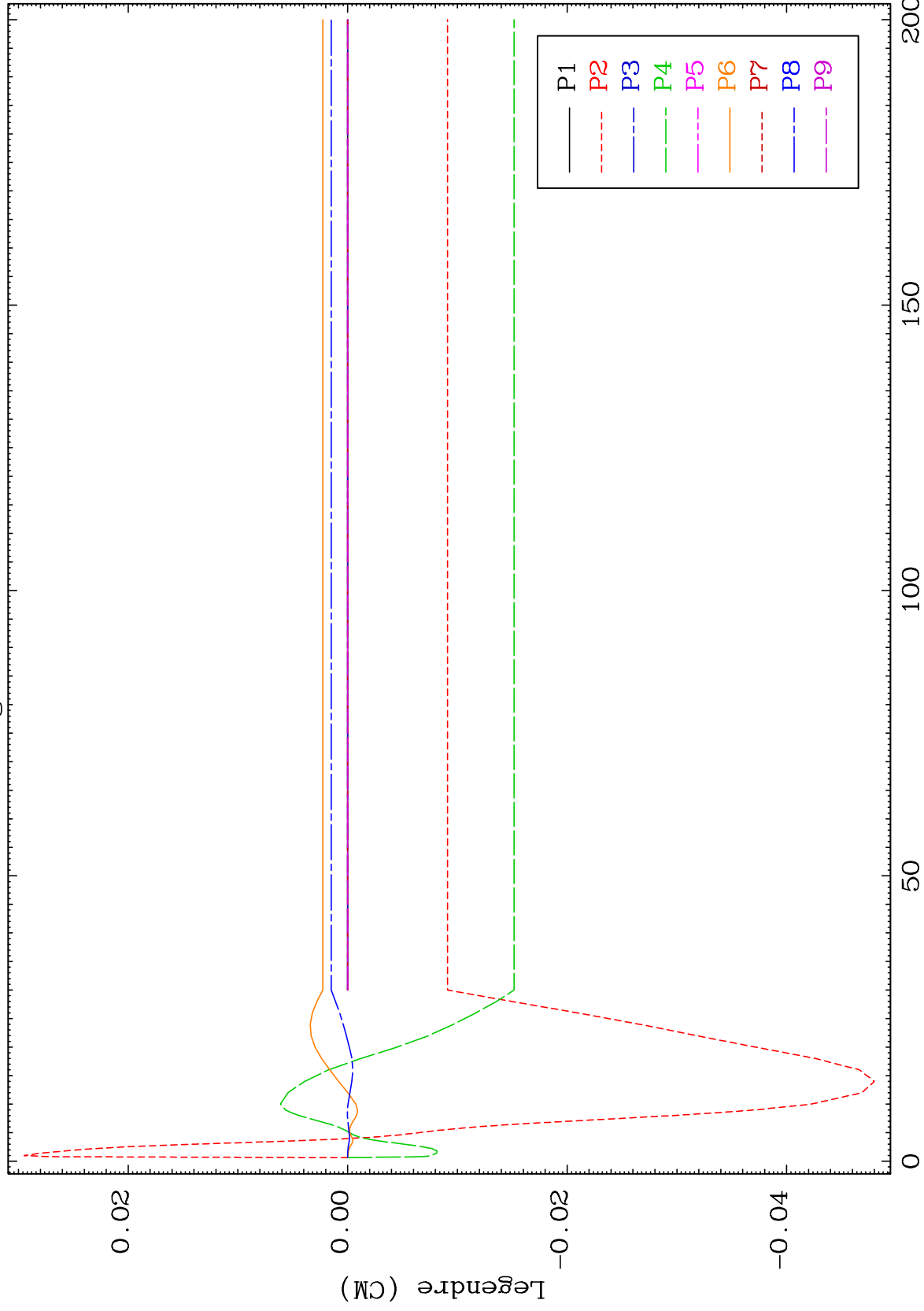
65

55-Cs-128

MAT 5510

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

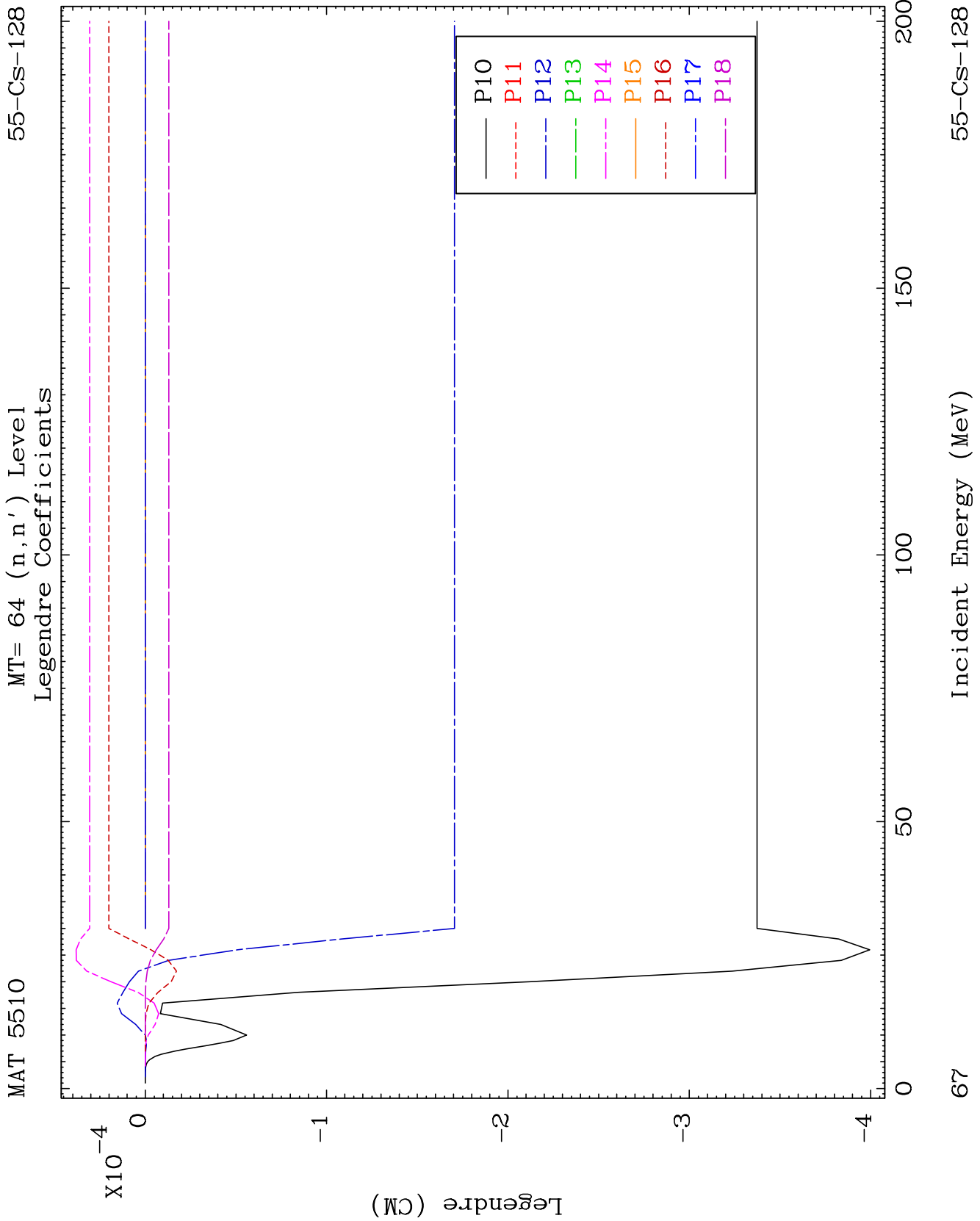
55-Cs-128

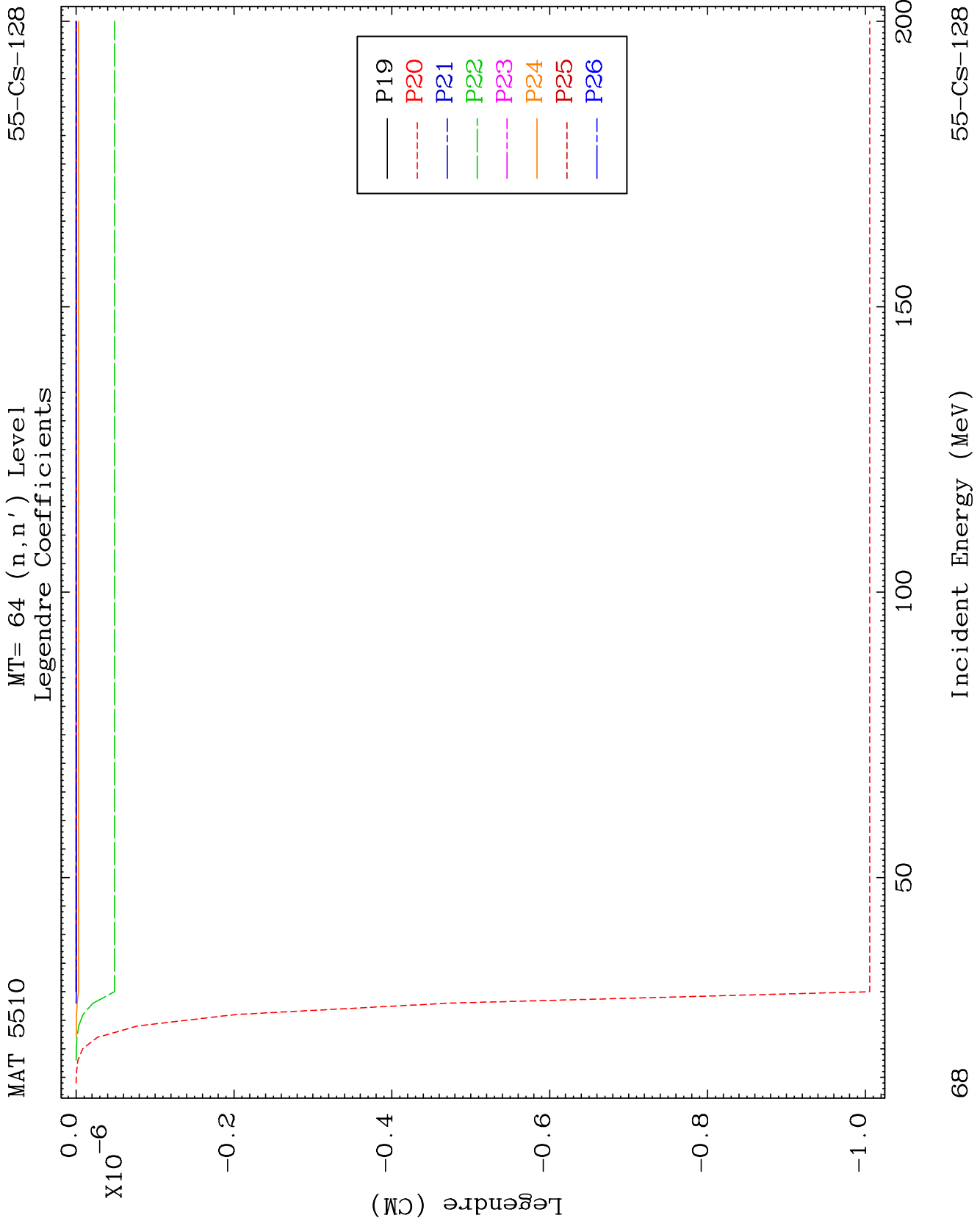


66

Incident Energy (MeV)

55-Cs-128

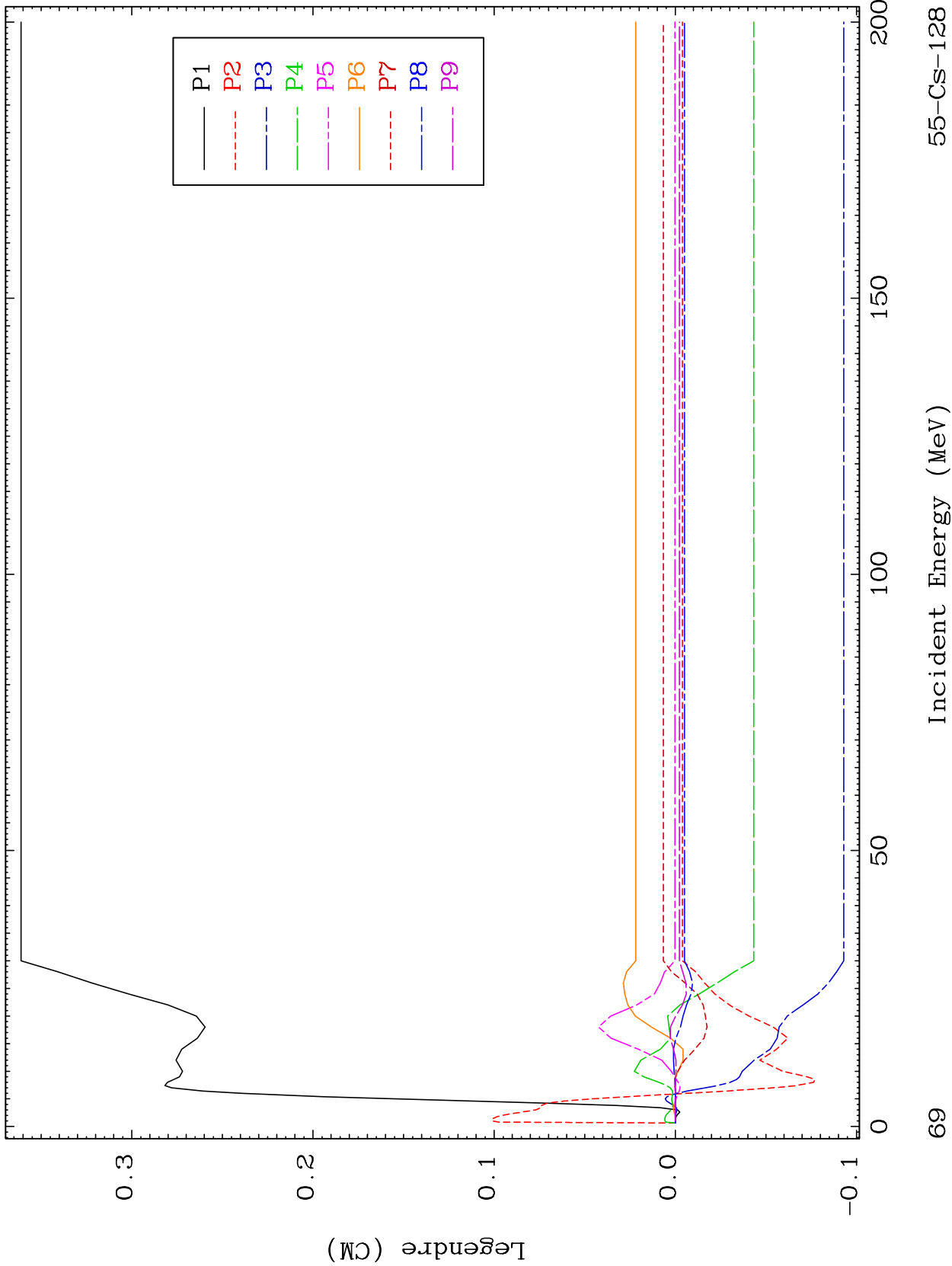




MAT 5510

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

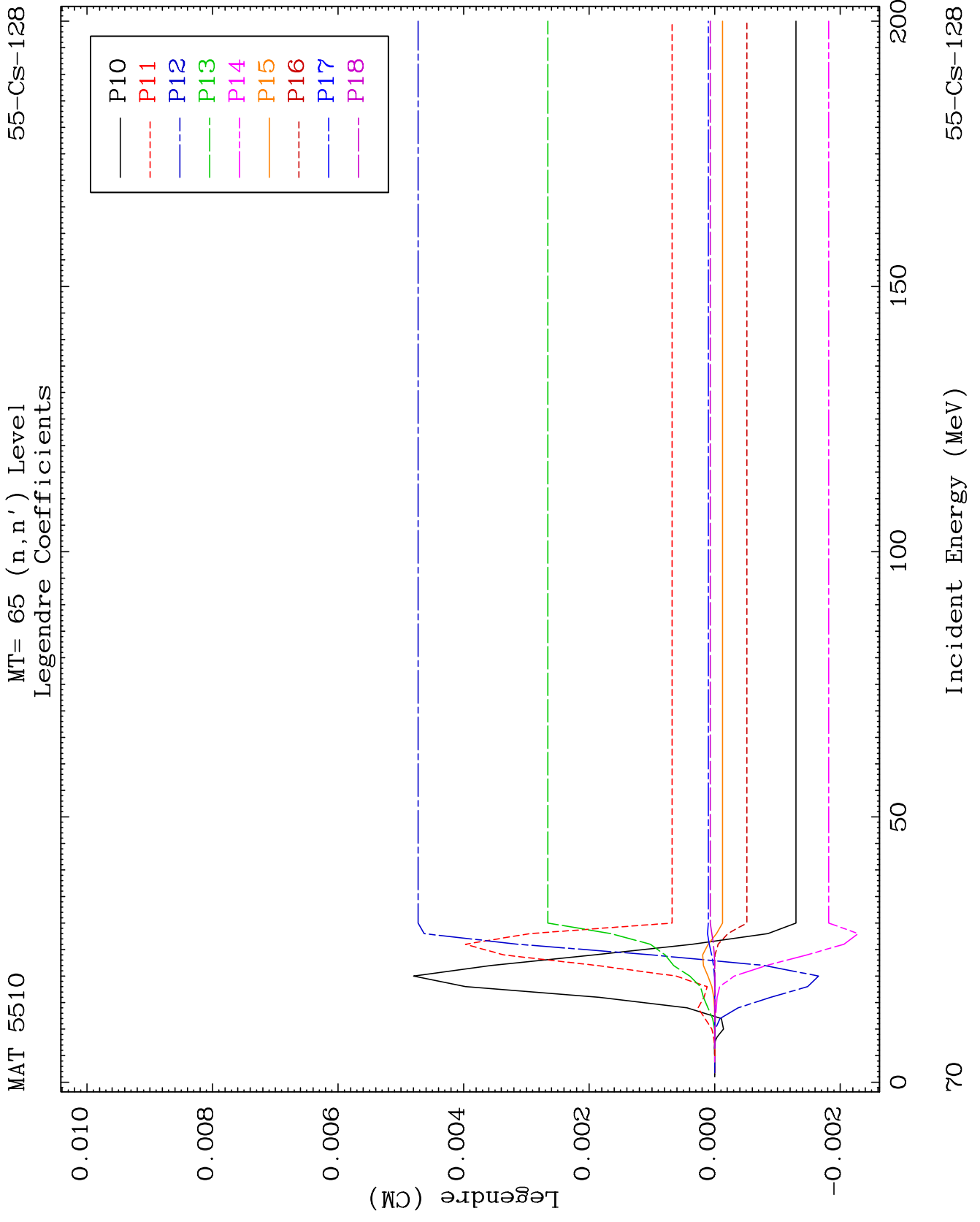
55-Cs-128



55-Cs-128

Incident Energy (MeV)

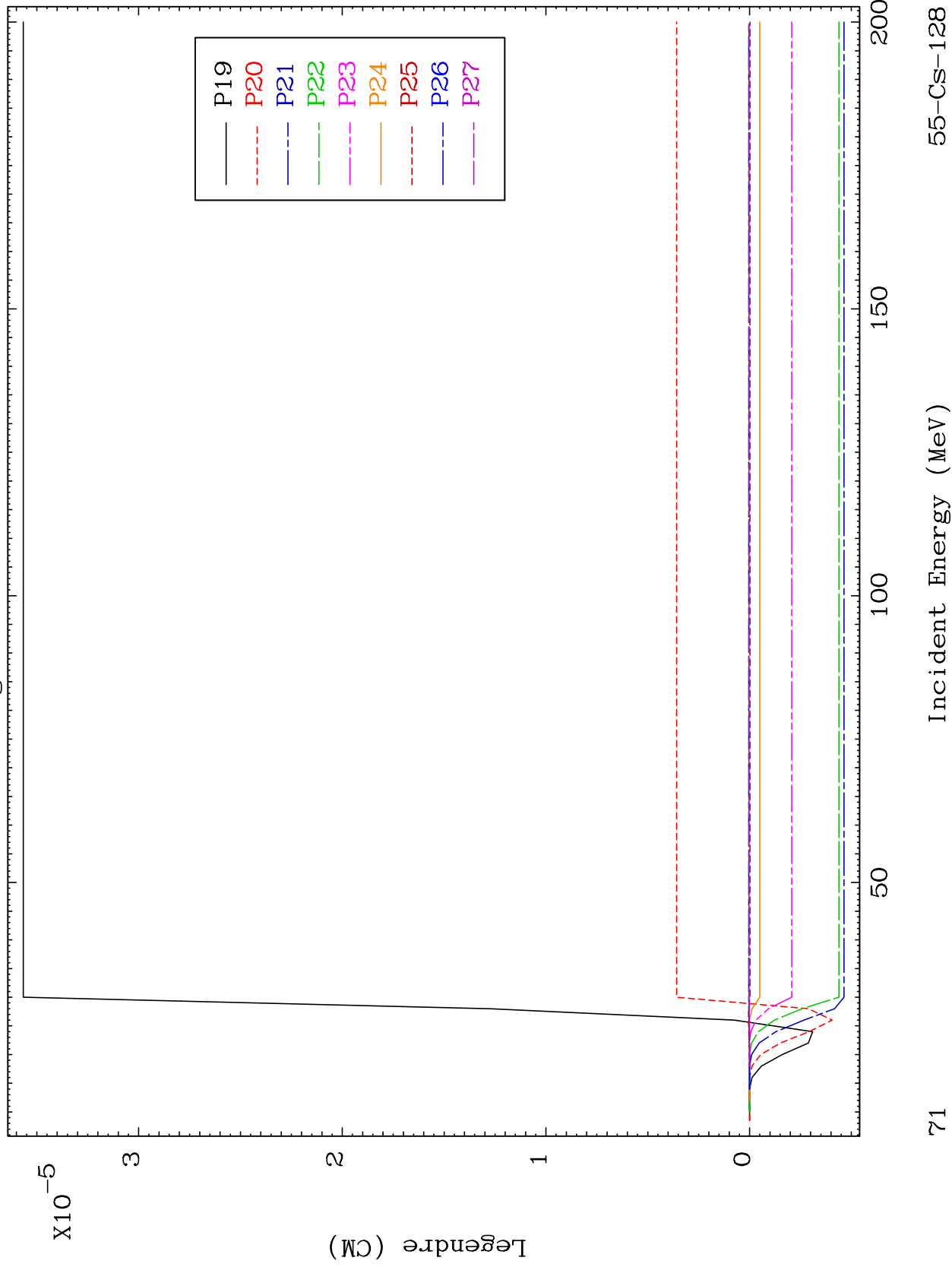
69



MAT 5510

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

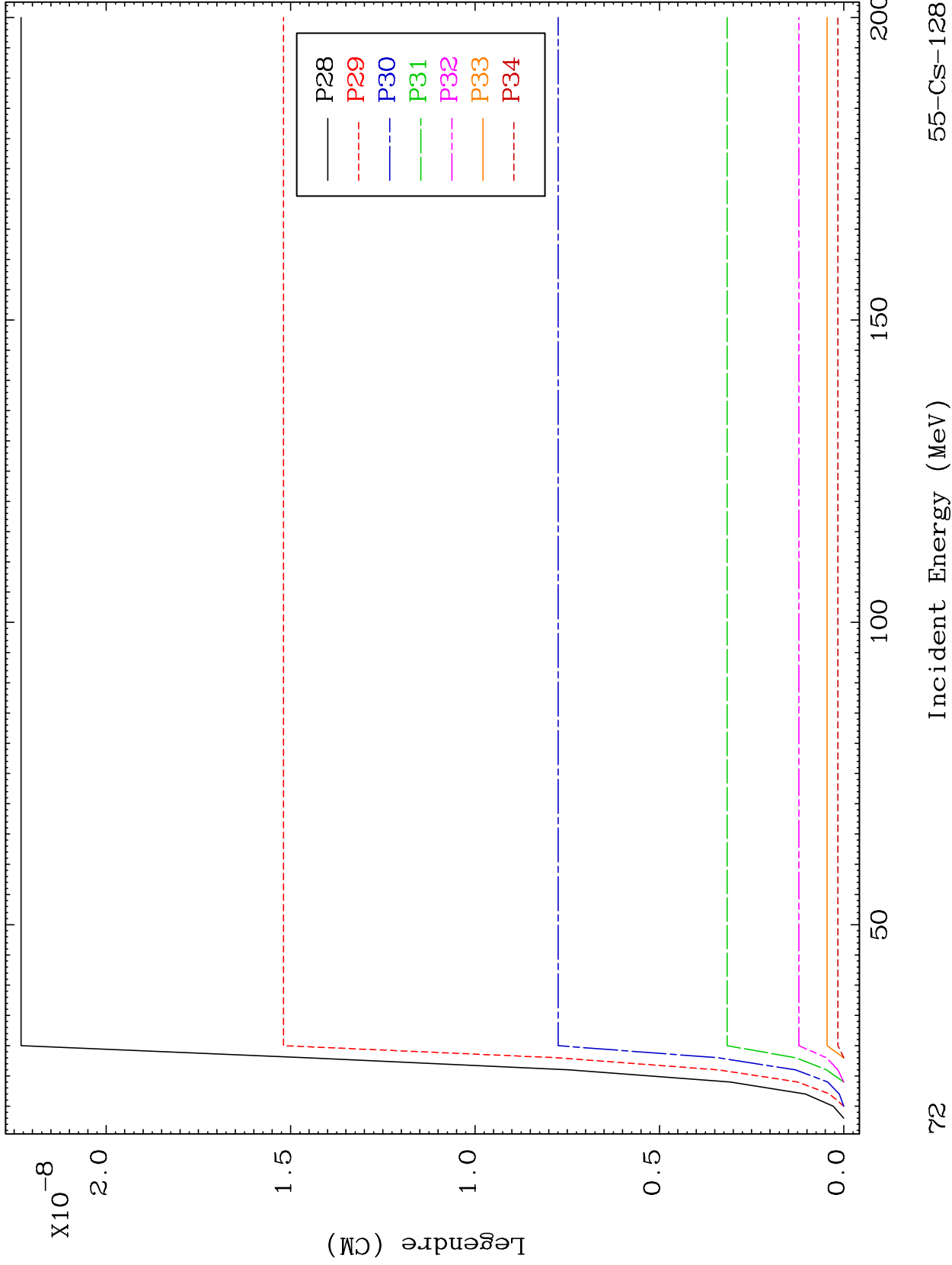
55-Cs-128



MAT 5510

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

55-Cs-128



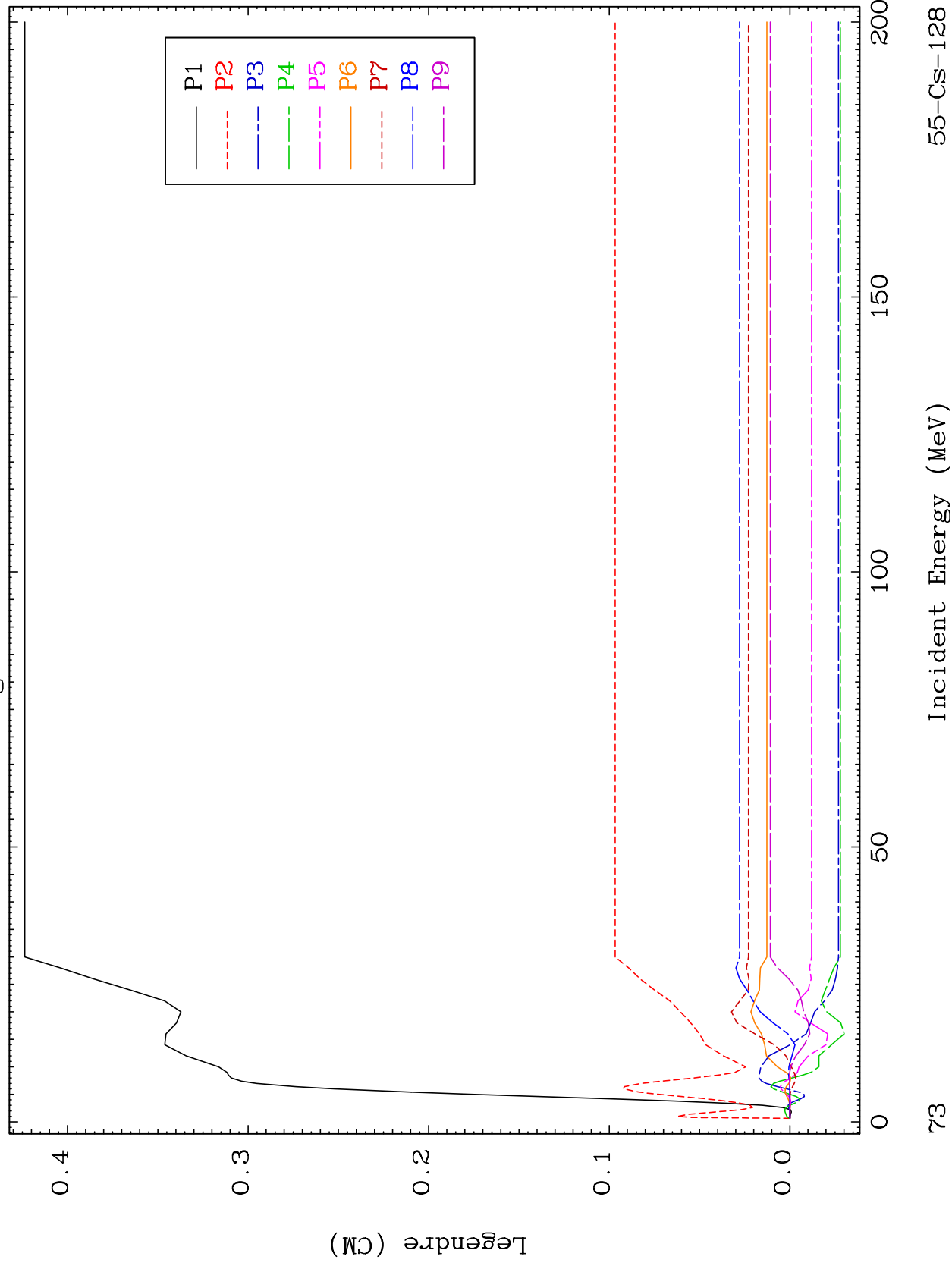
72

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

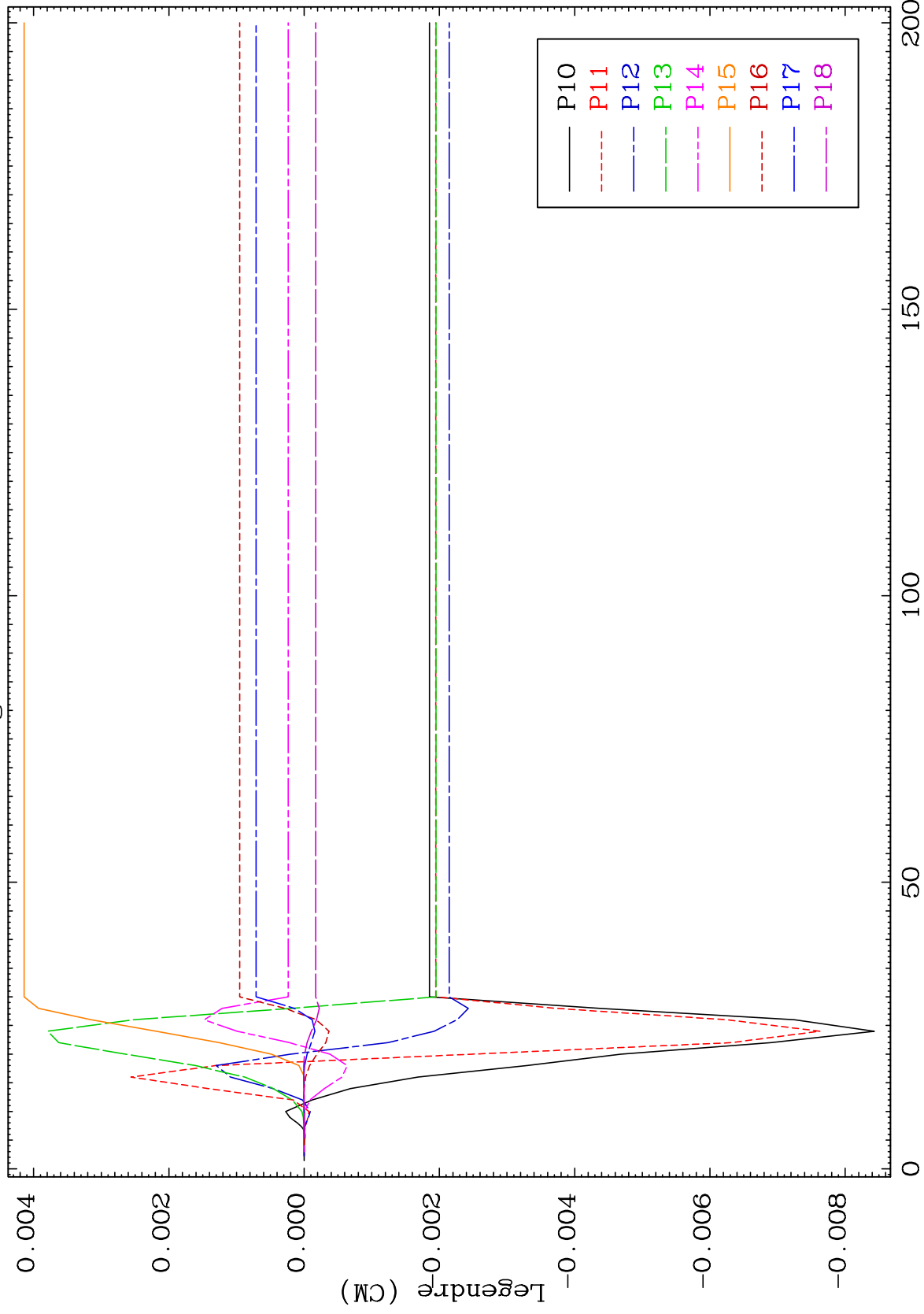
Incident Energy (MeV)

73

MAT 5510

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

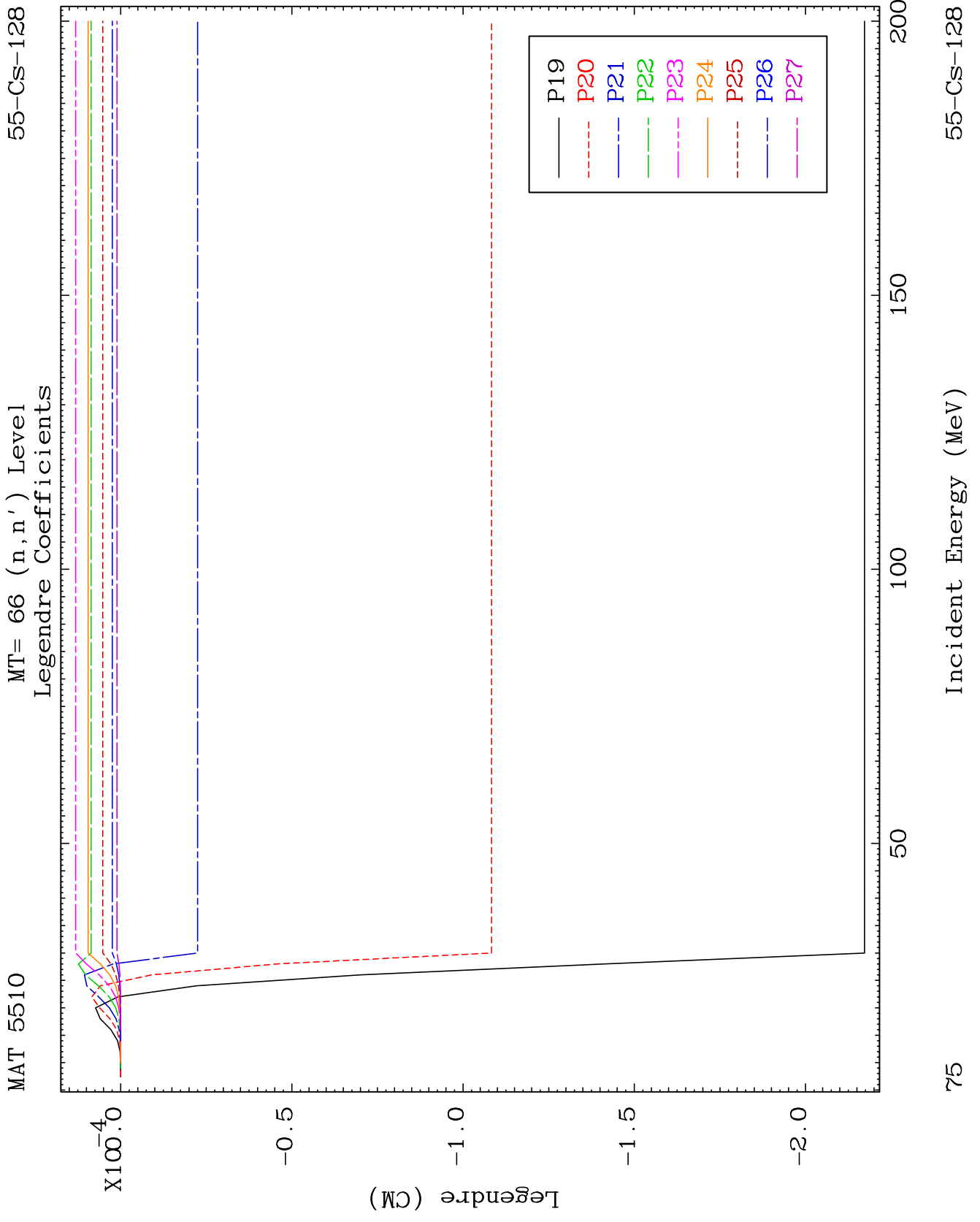
55-Cs-128



74

Incident Energy (MeV)

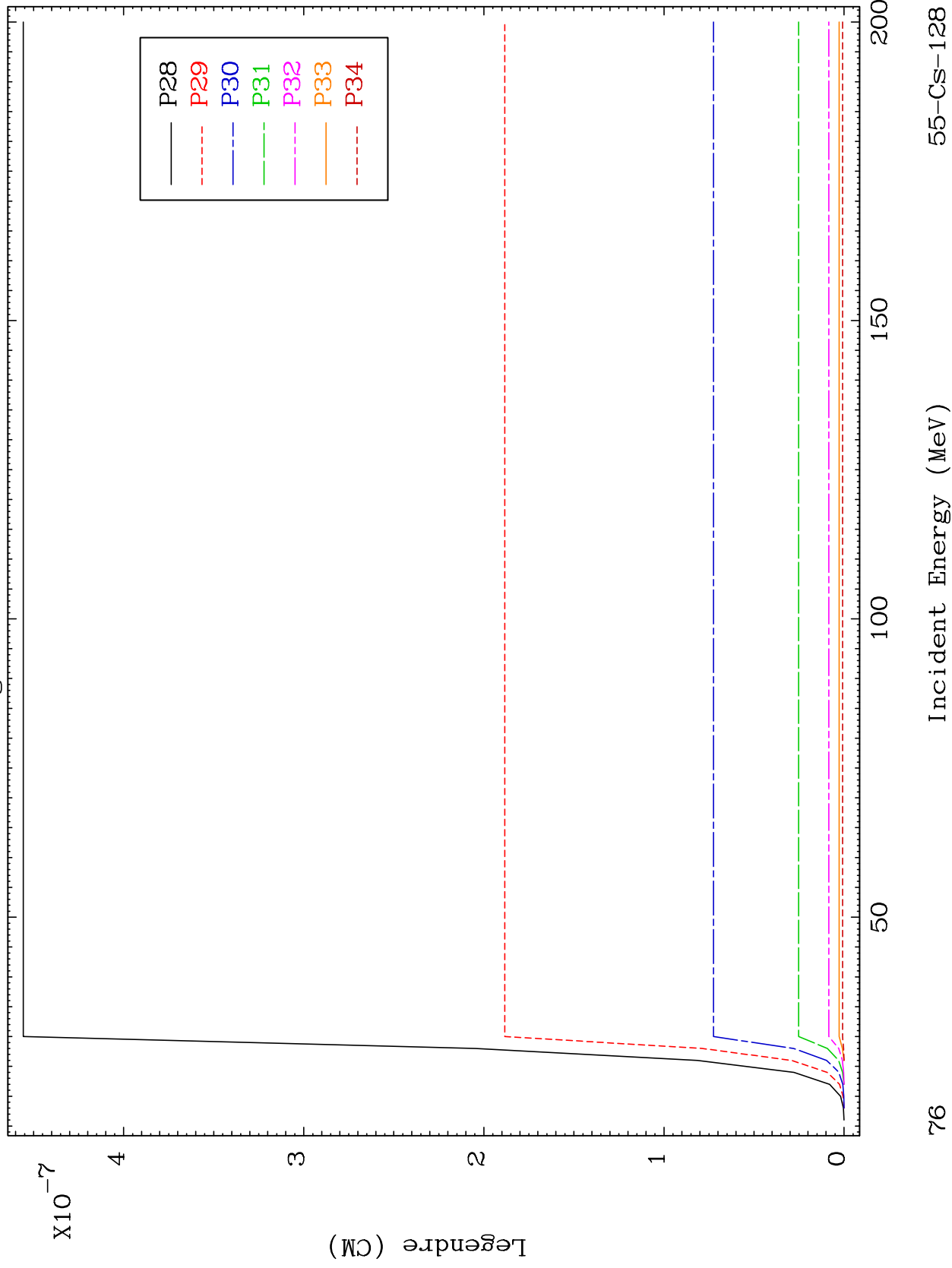
55-Cs-128



MAT 5510

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

55-Cs-128

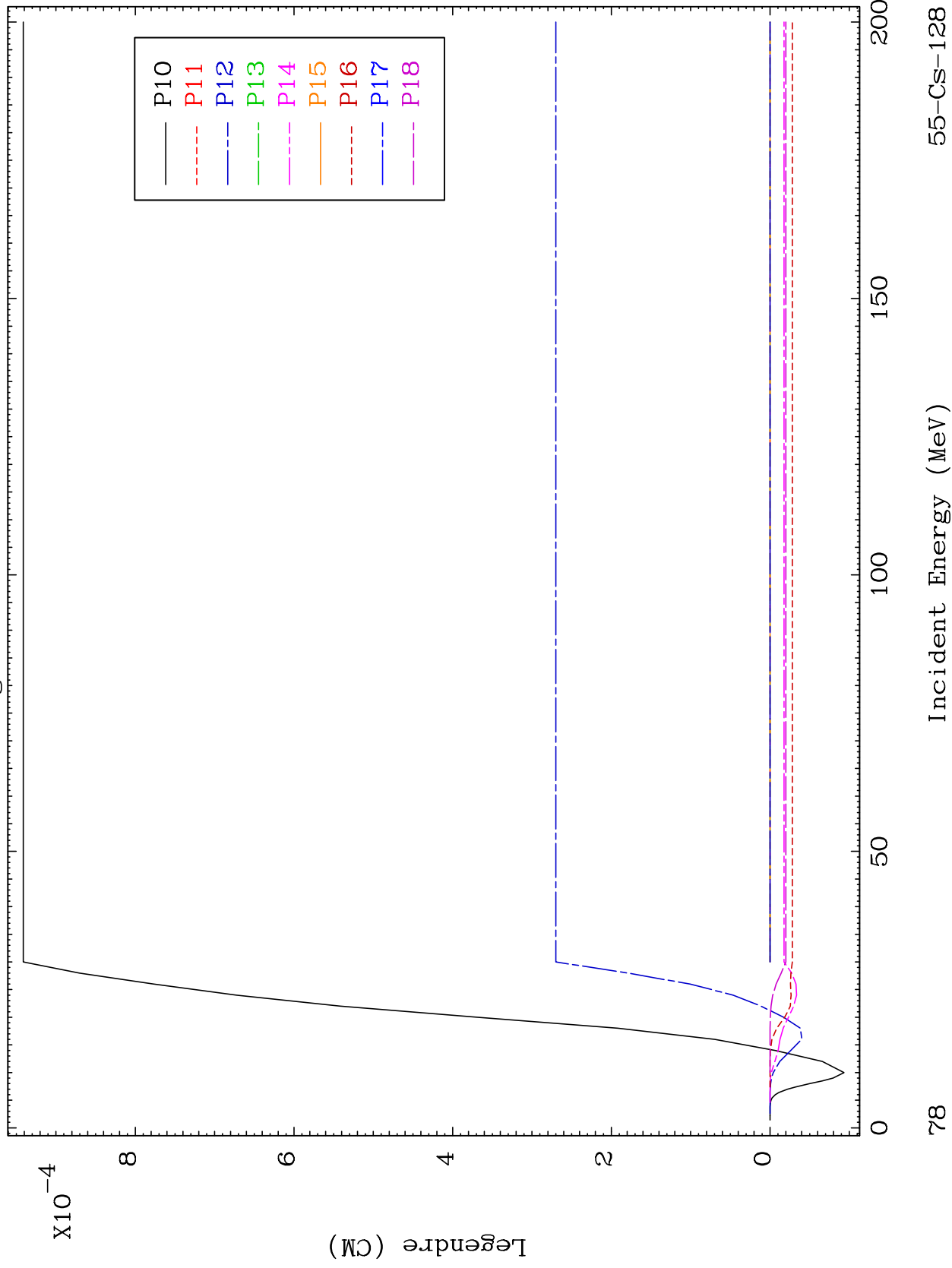




MAT 5510

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

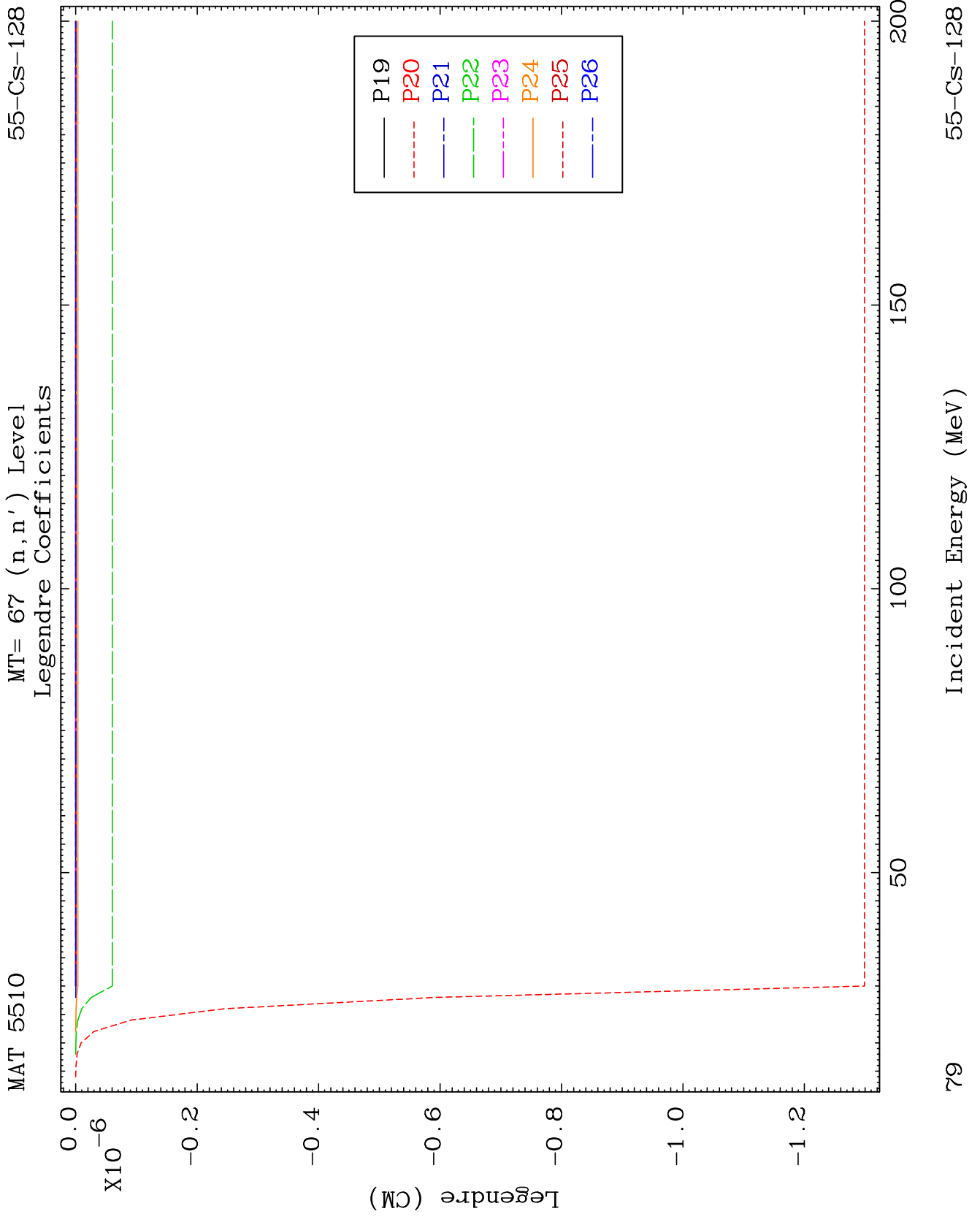
55-Cs-128



55-Cs-128

Incident Energy (MeV)

78

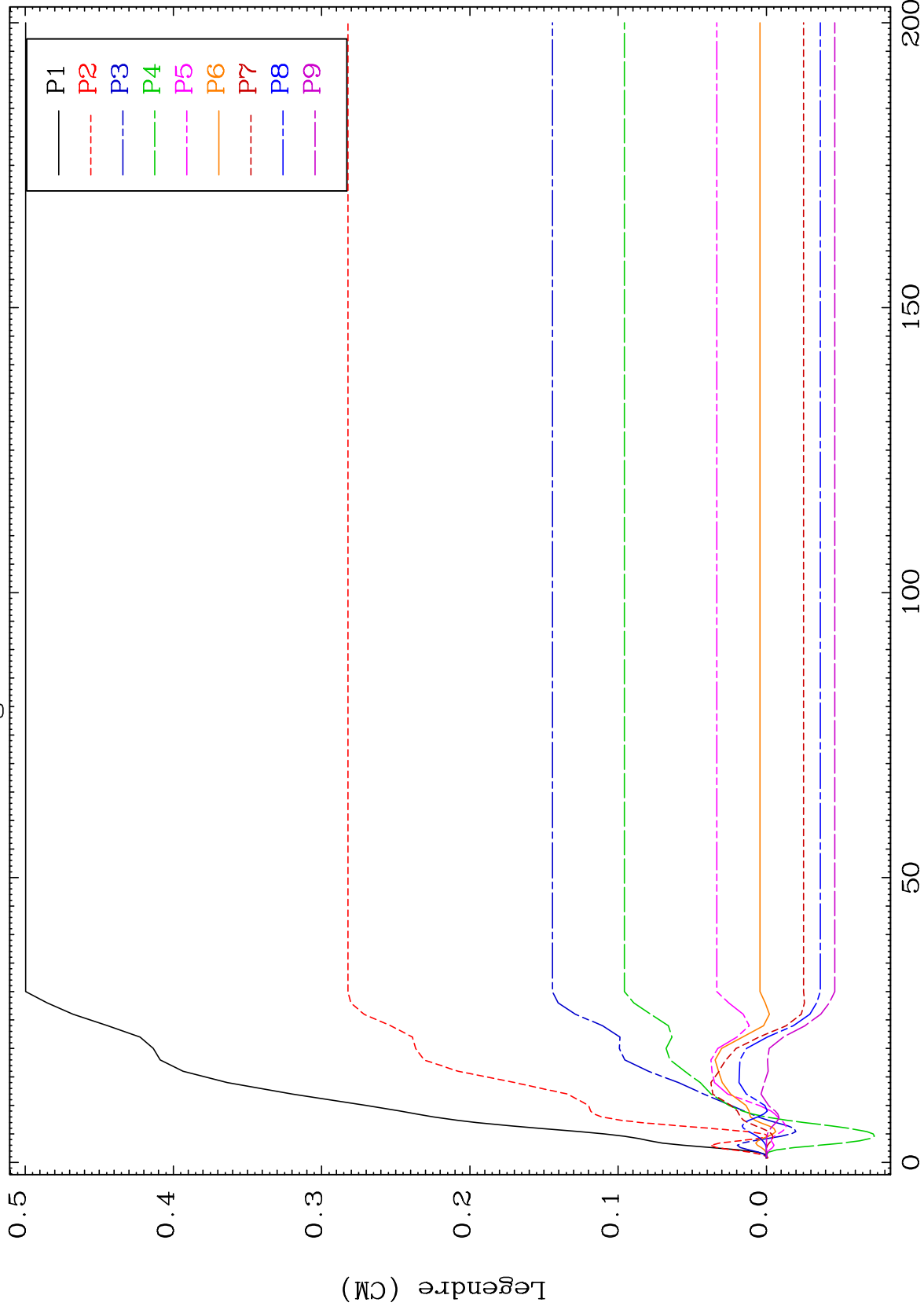


MAT 5510

MT= 68 (n,n') Level

55-Cs-128

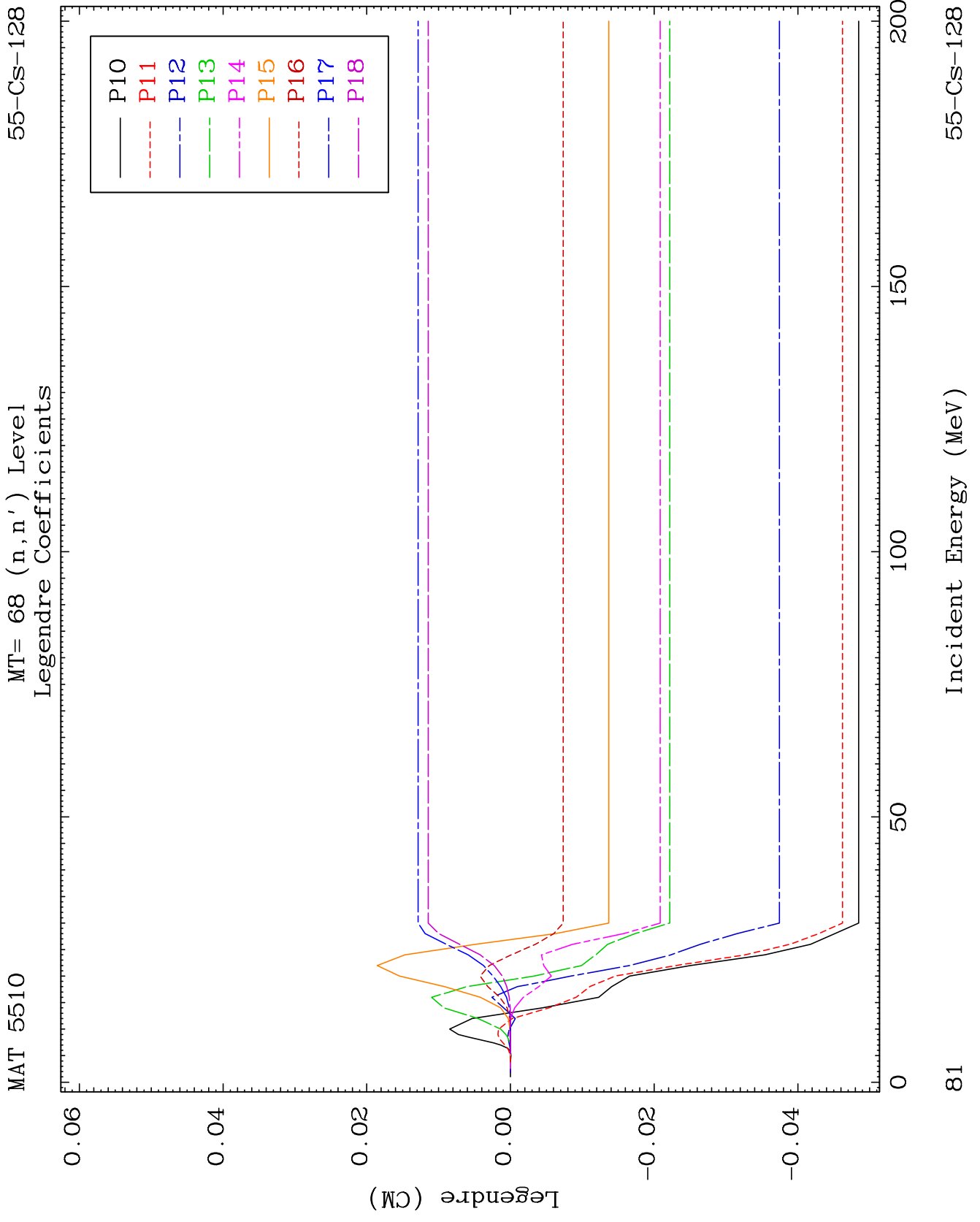
Legendre Coefficients

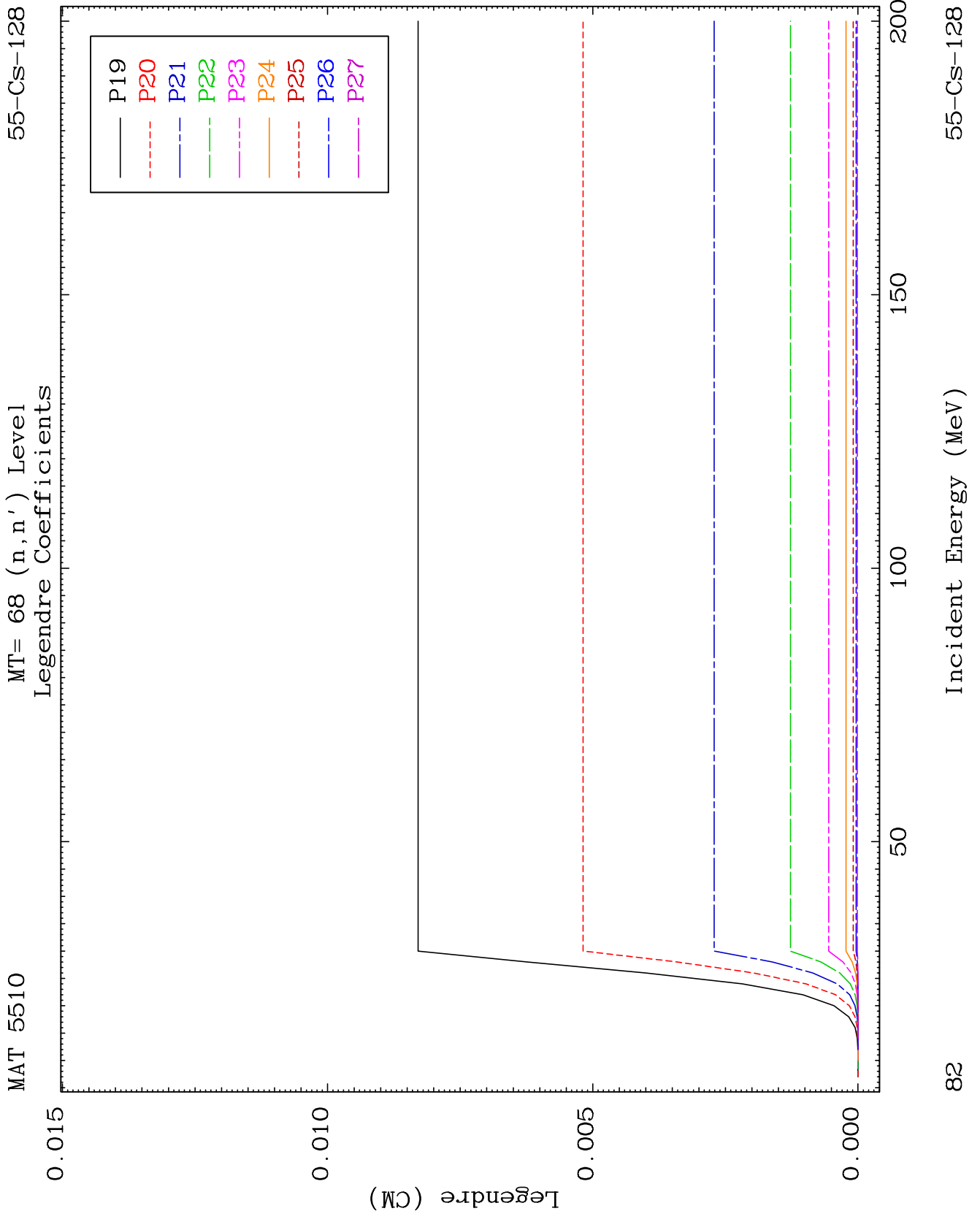


55-Cs-128

Incident Energy (MeV)

80

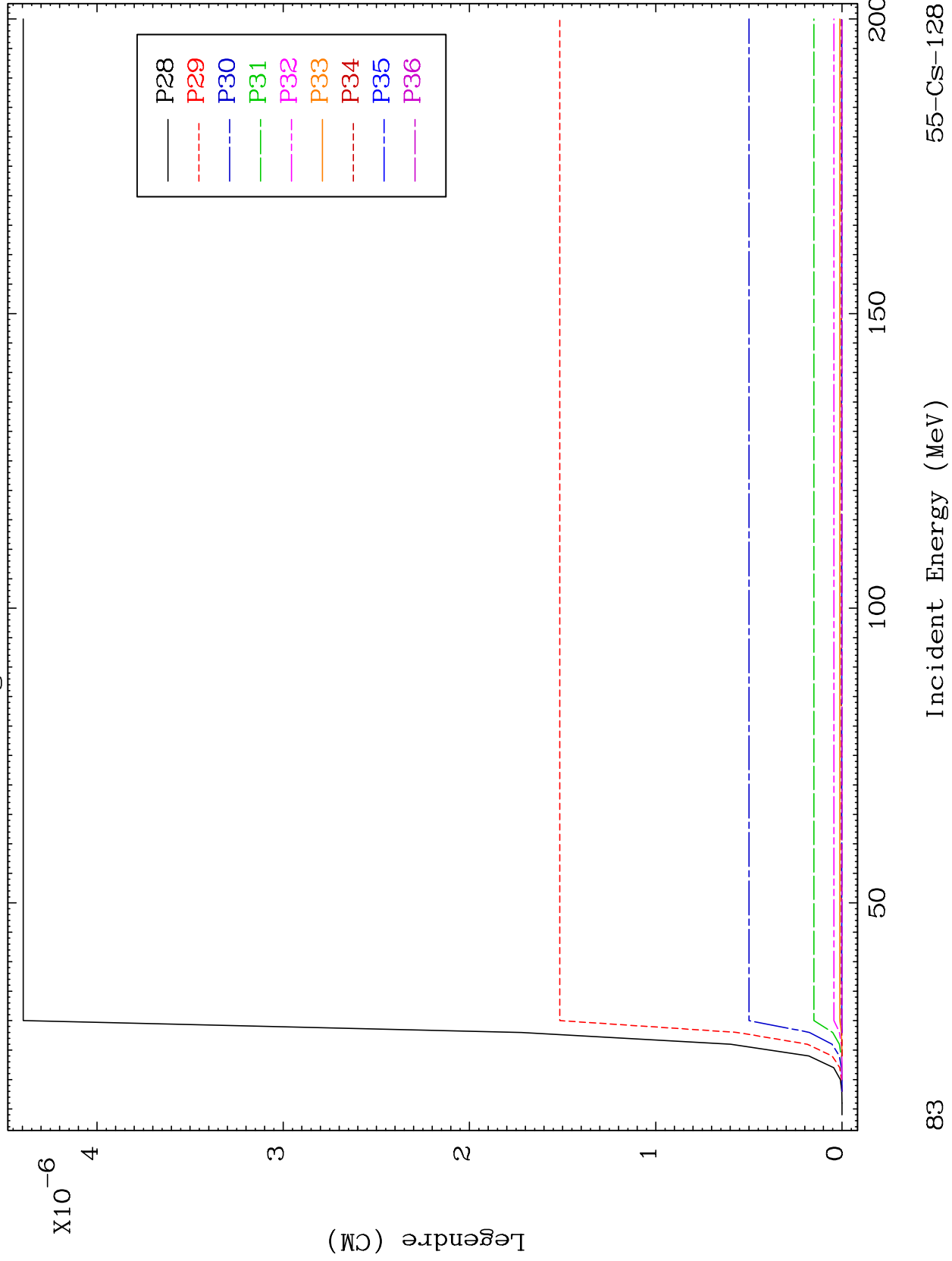




MAT 5510

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

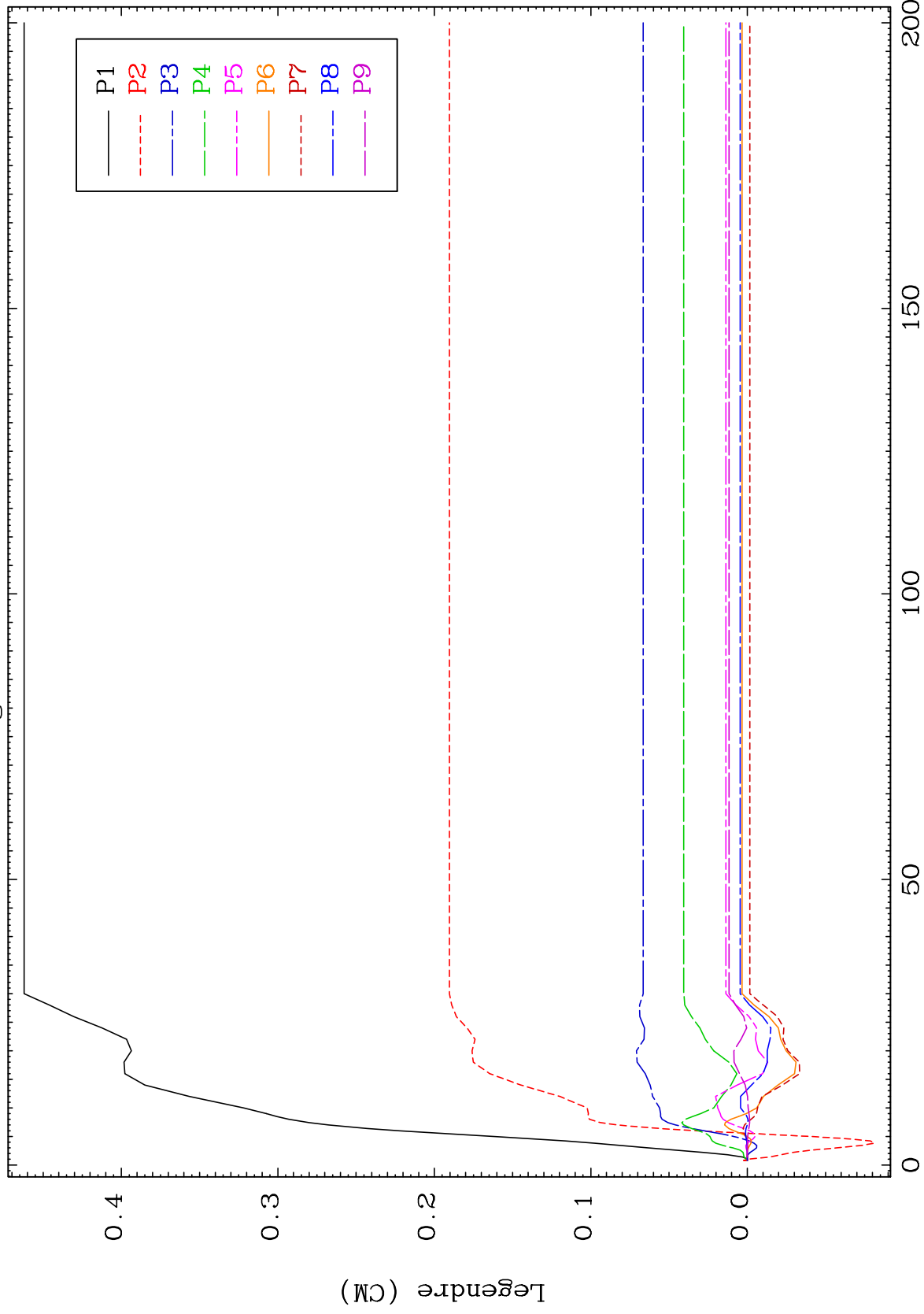
55-Cs-128



MAT 5510

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

55-Cs-128



84

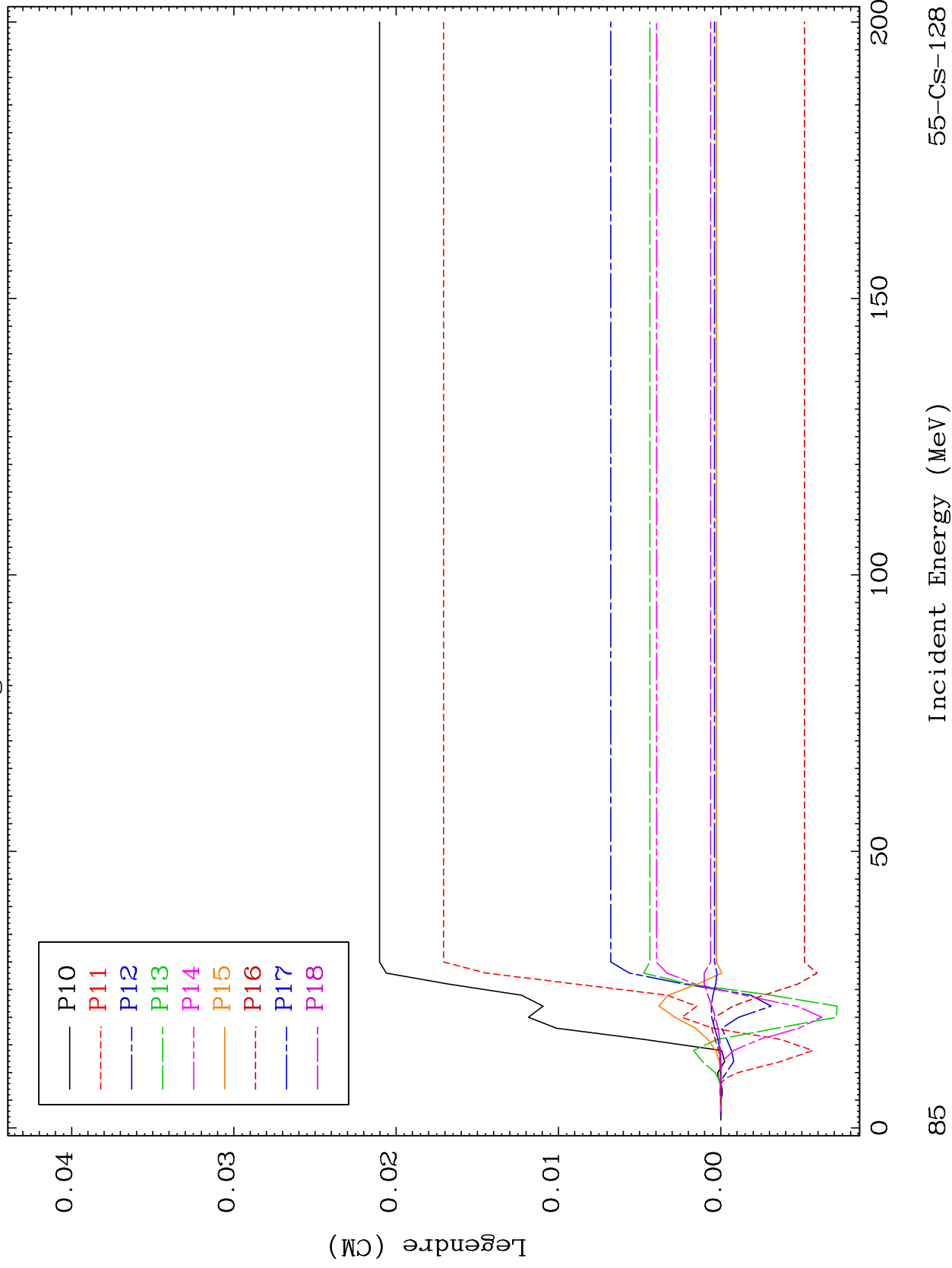
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128

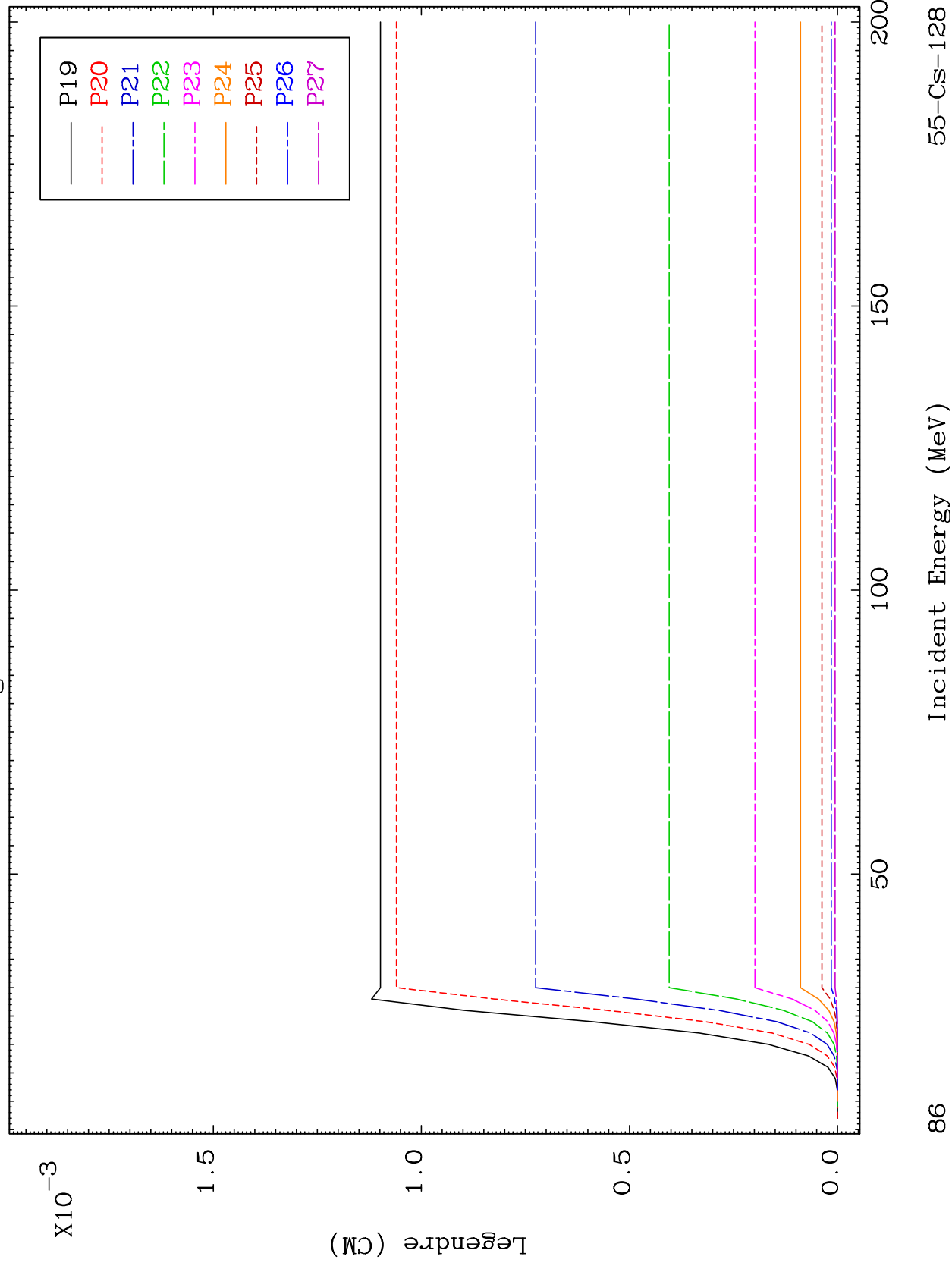


55-Cs-128

MAT 5510

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

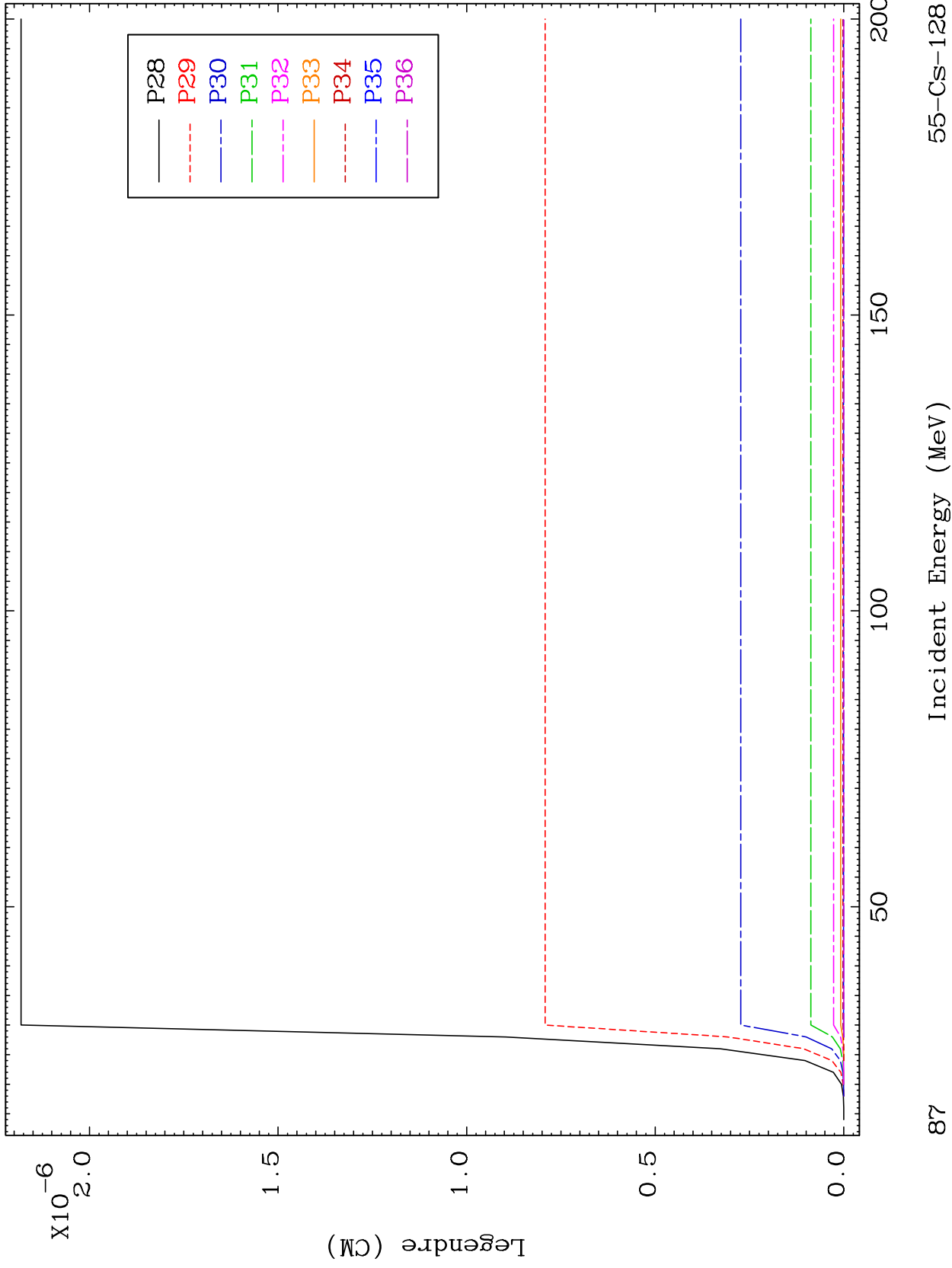
55-Cs-128



MAT 5510

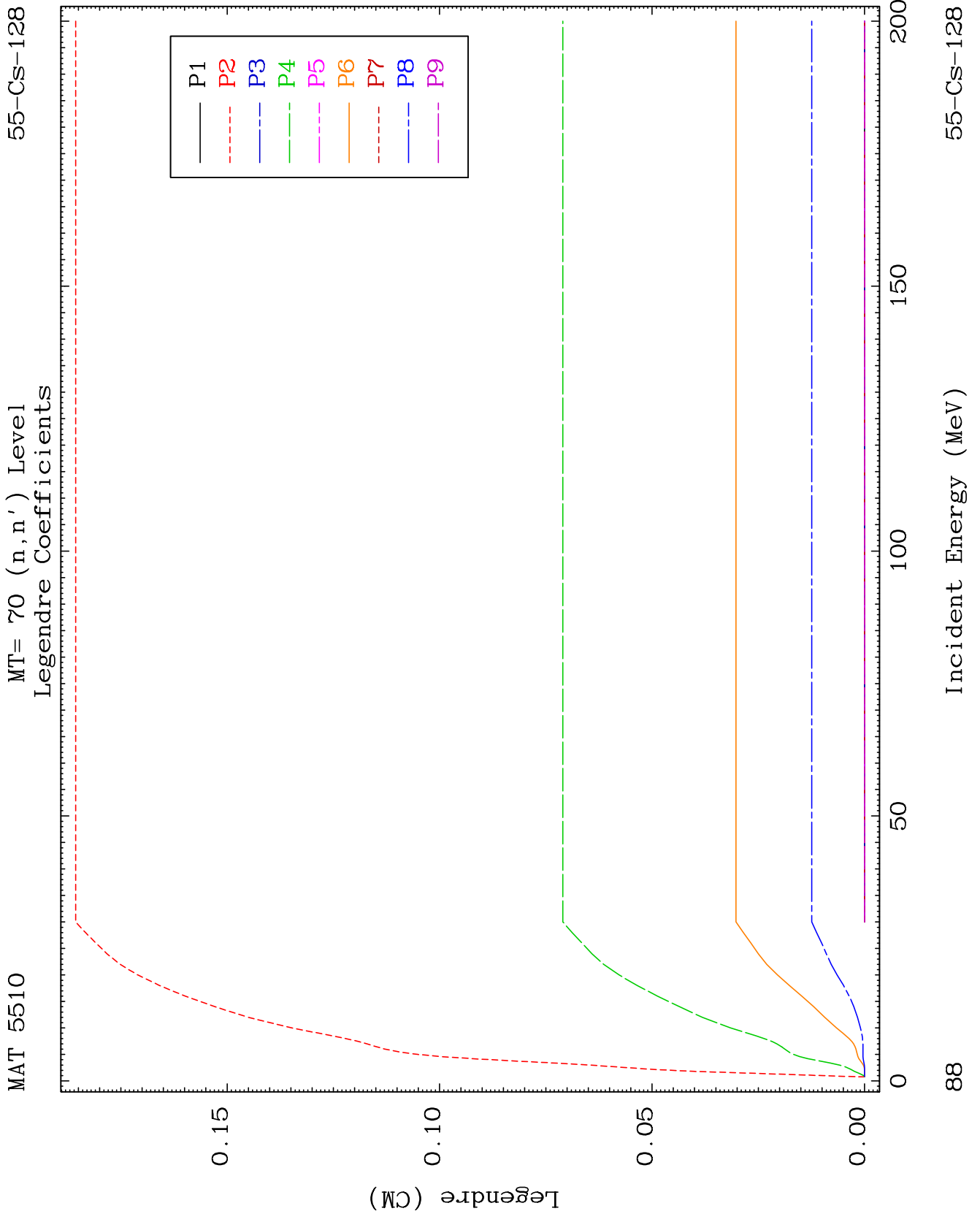
MT= 69 (n,n') Level  
Legendre Coefficients

55-Cs-128



87

55-Cs-128



55-Cs-128

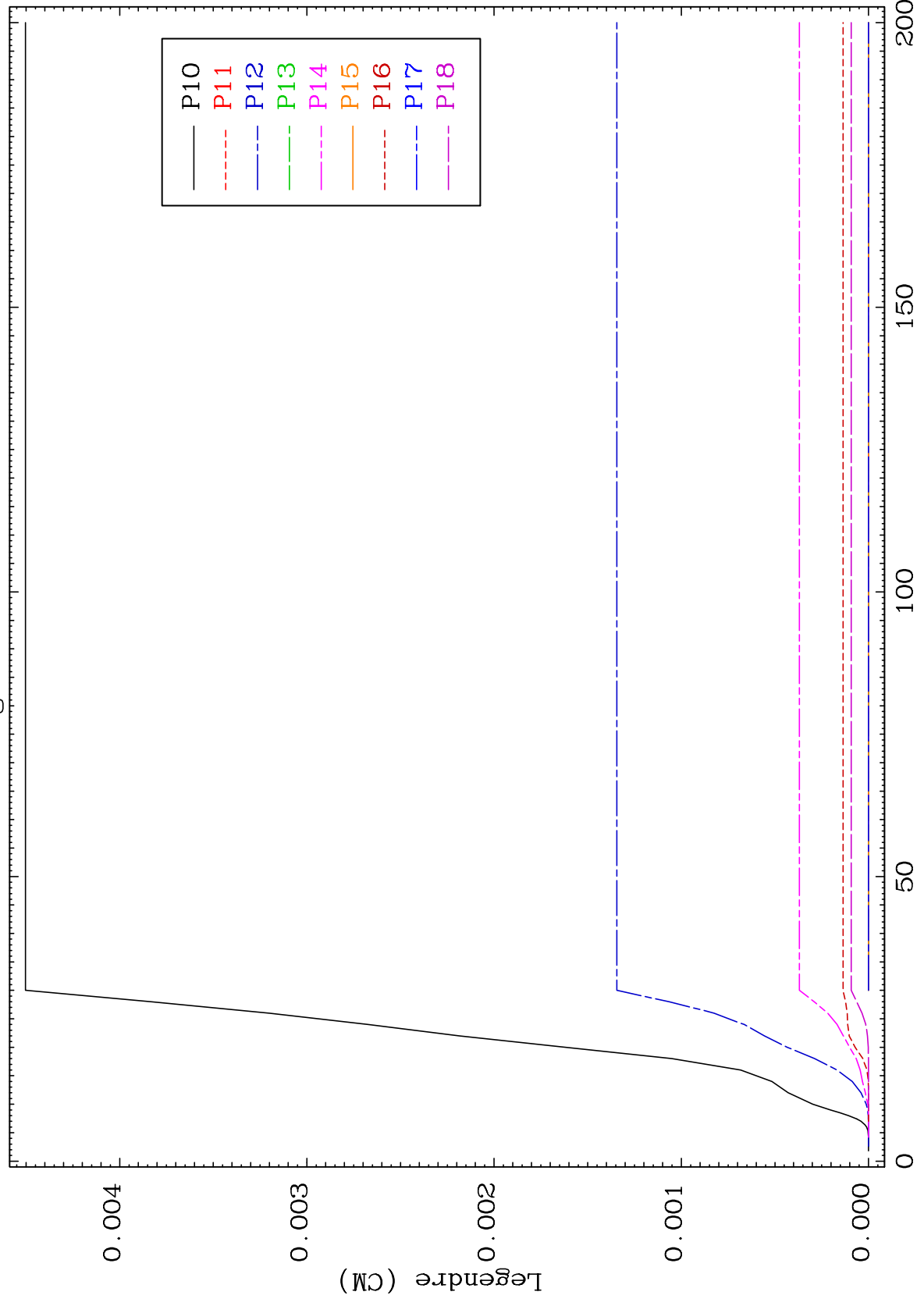
Incident Energy (MeV)

88

MAT 5510

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

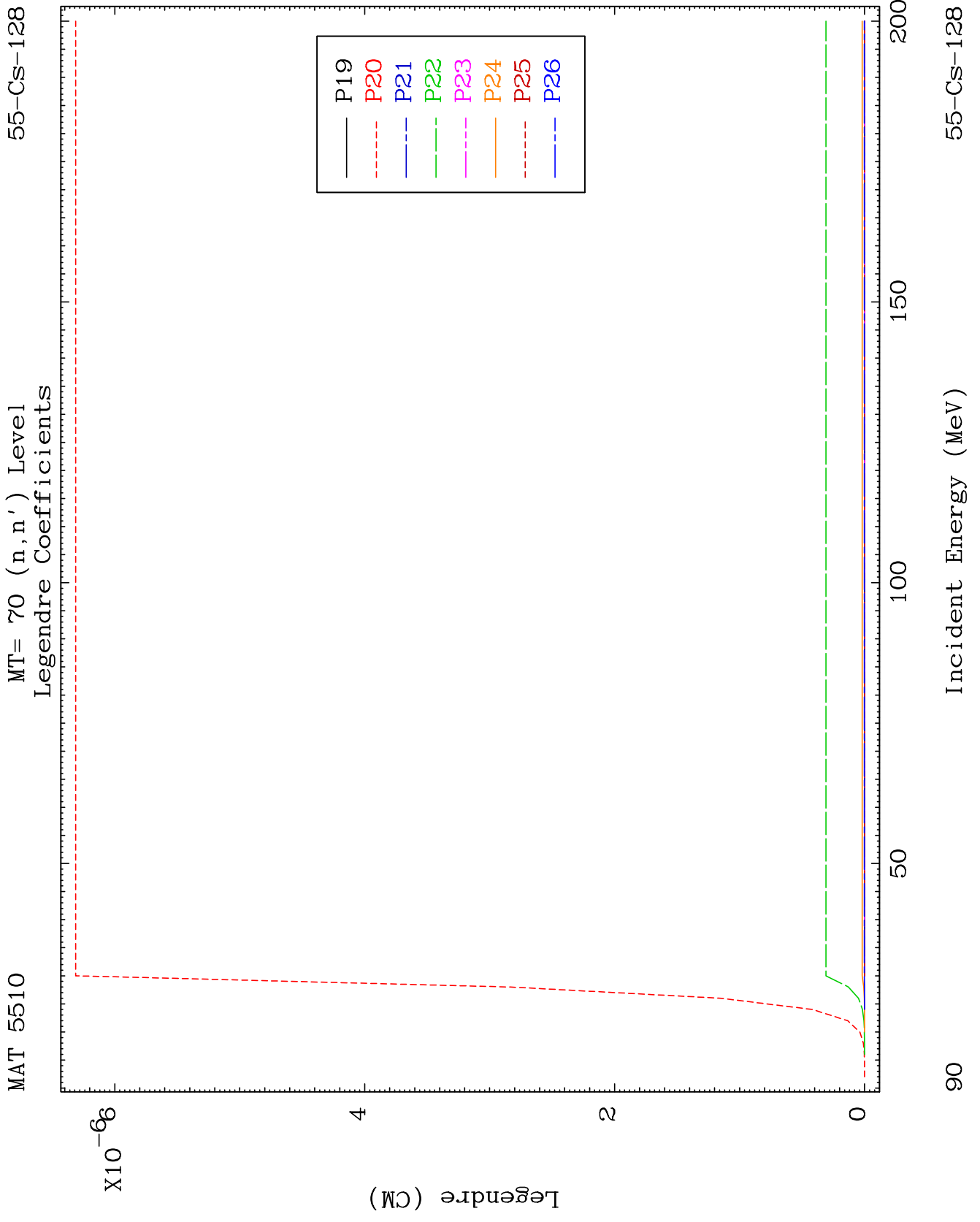
55-Cs-128

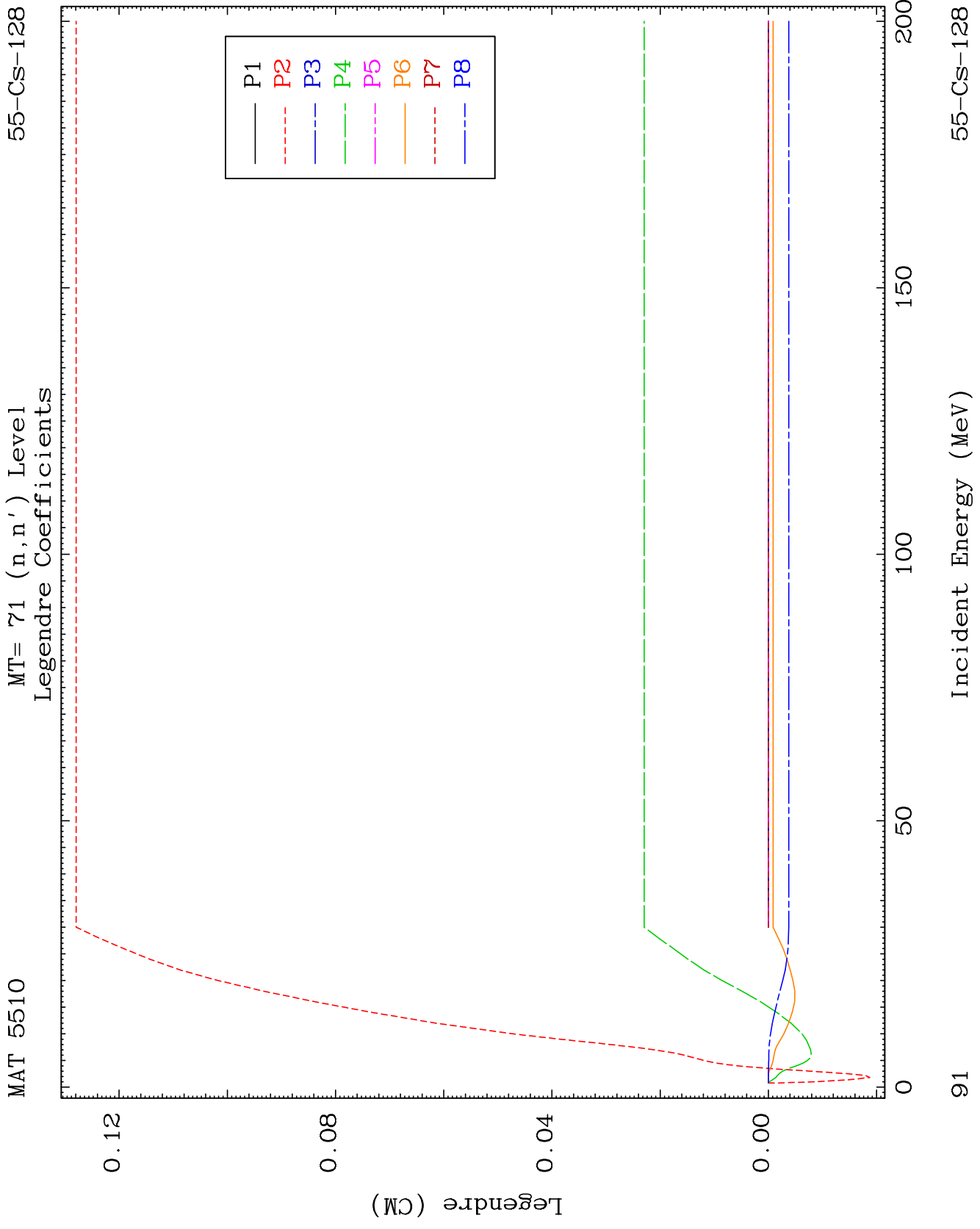


89

Incident Energy (MeV)

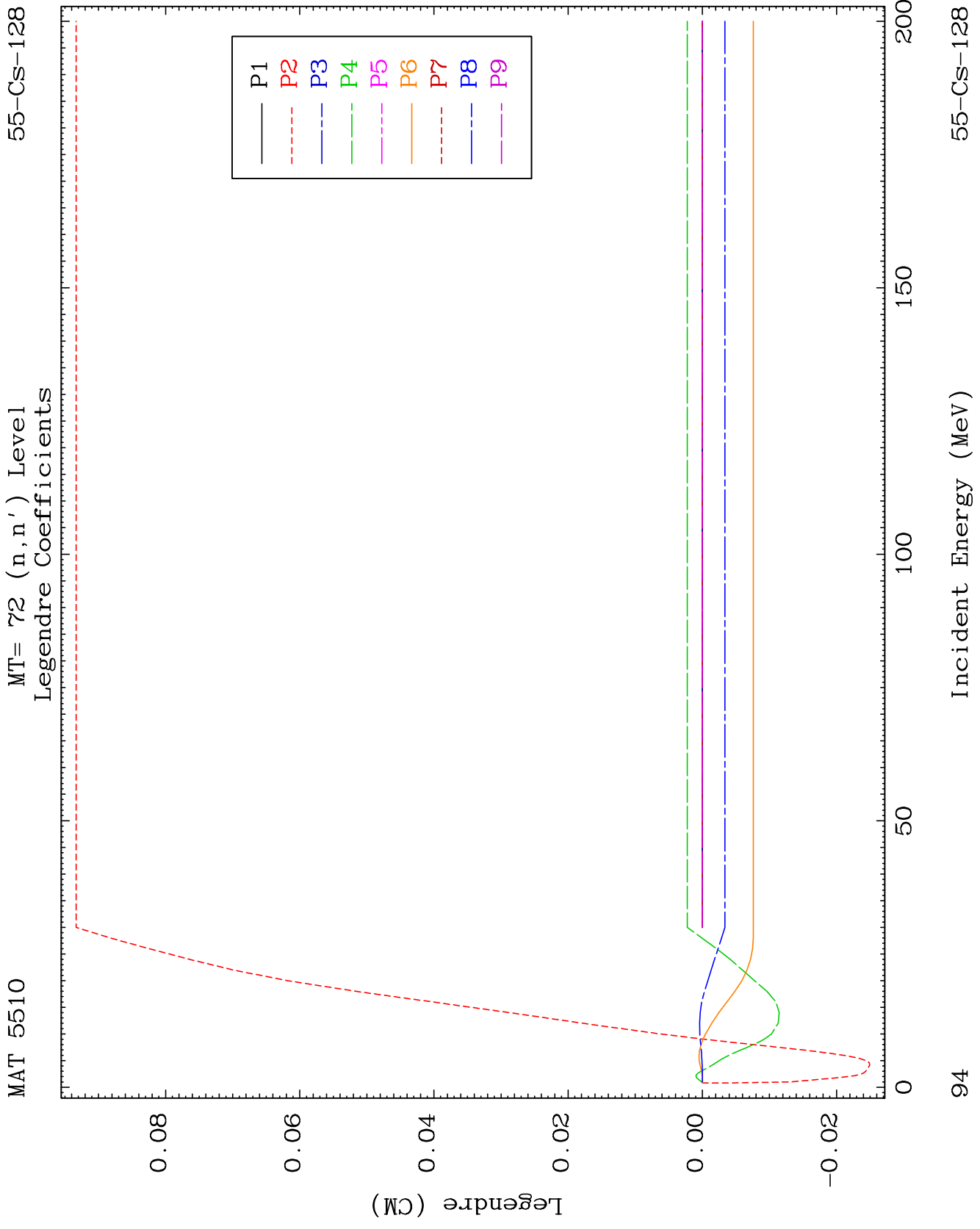
55-Cs-128







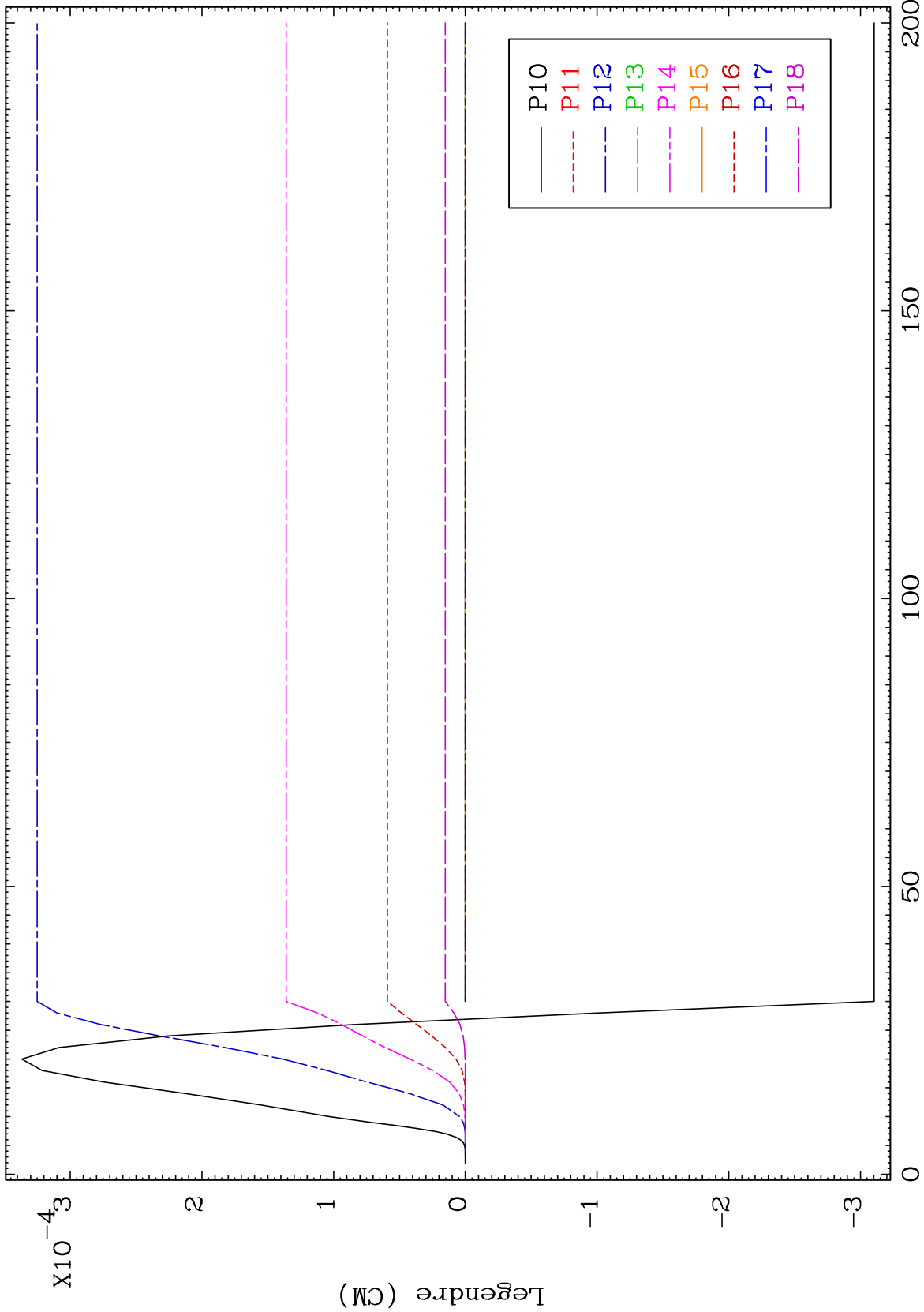




MAT 5510

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

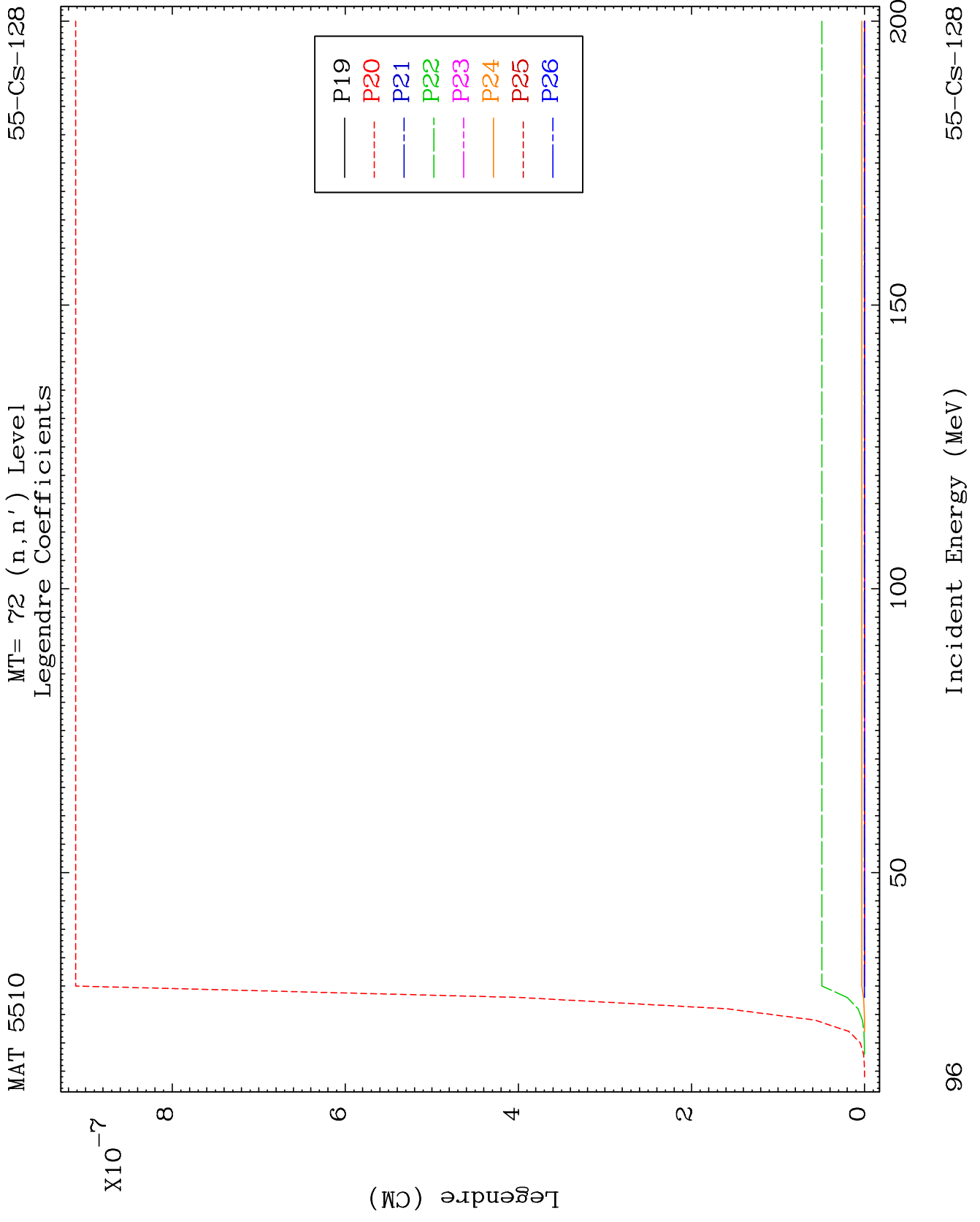
55-Cs-128



95

Incident Energy (MeV)

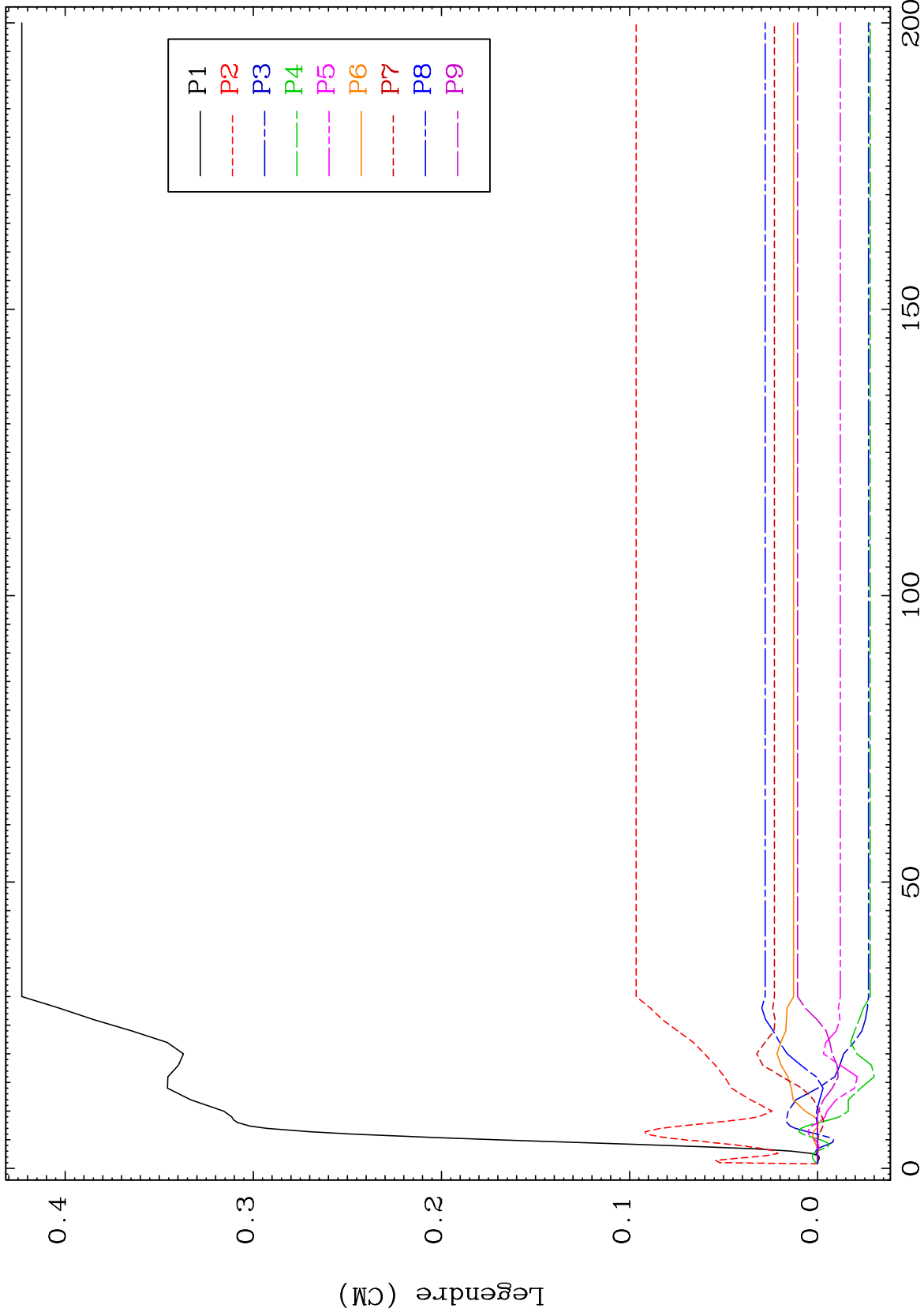
55-Cs-128



MAT 5510

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

55-Cs-128



97

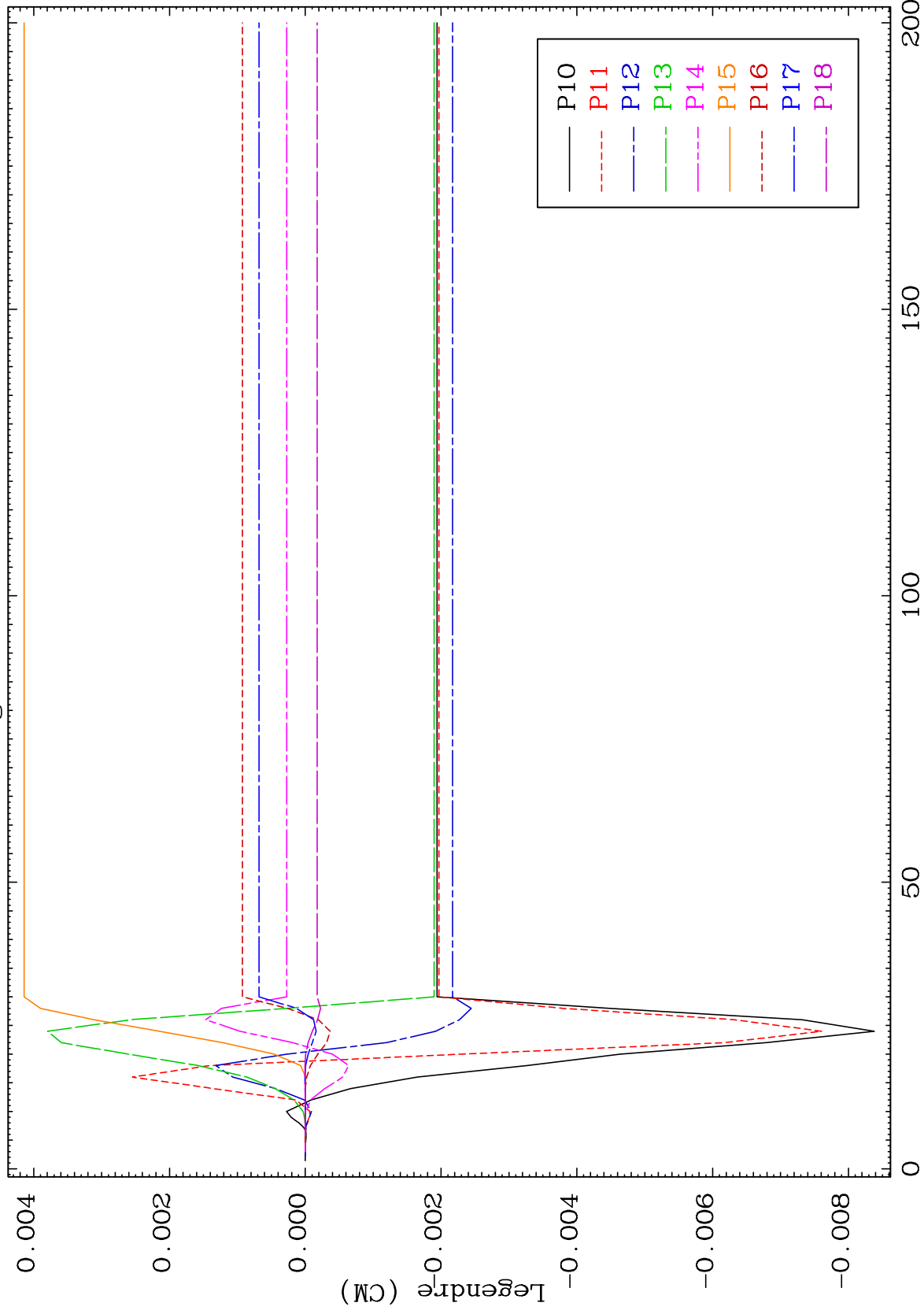
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

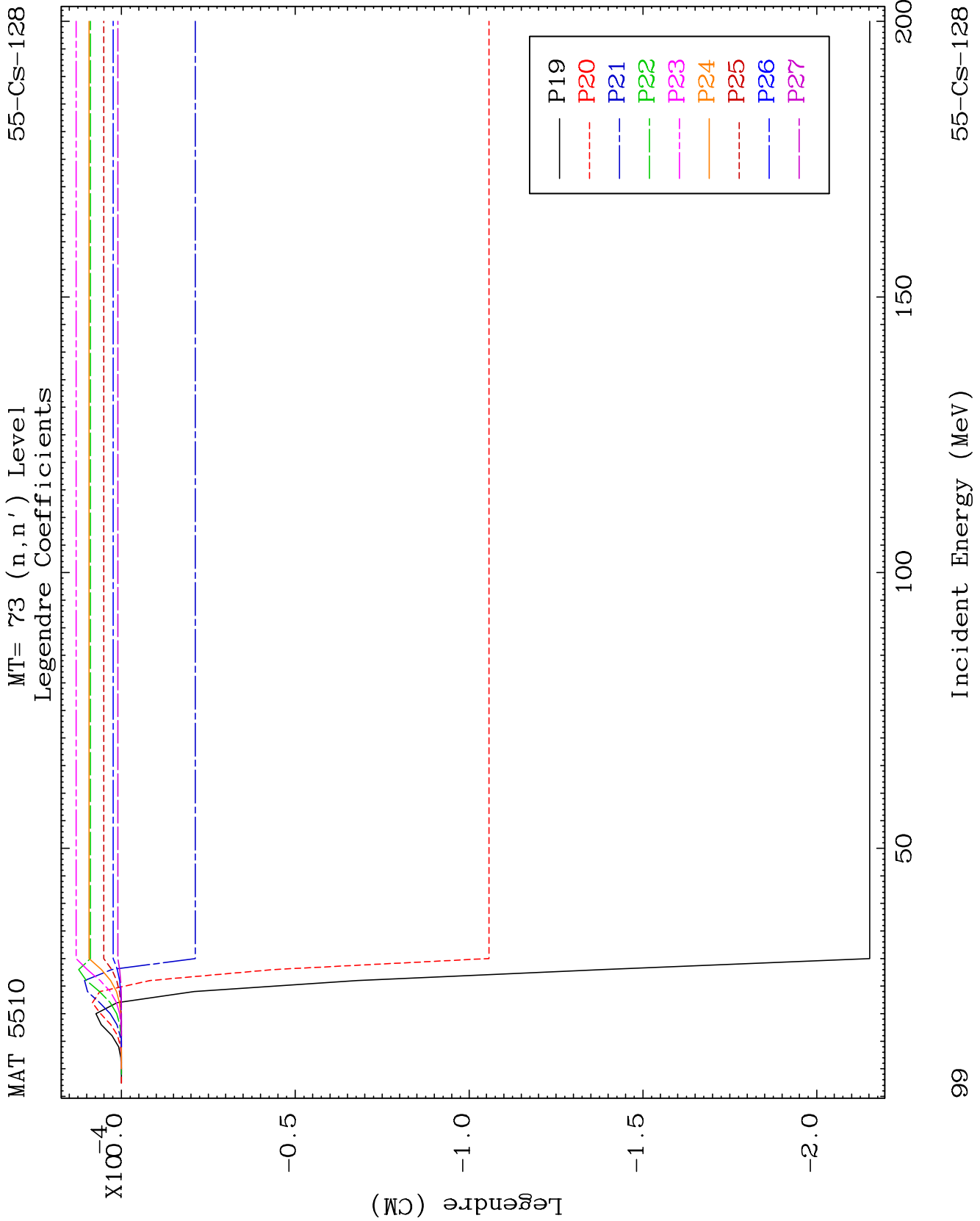
55-Cs-128



98

Incident Energy (MeV)

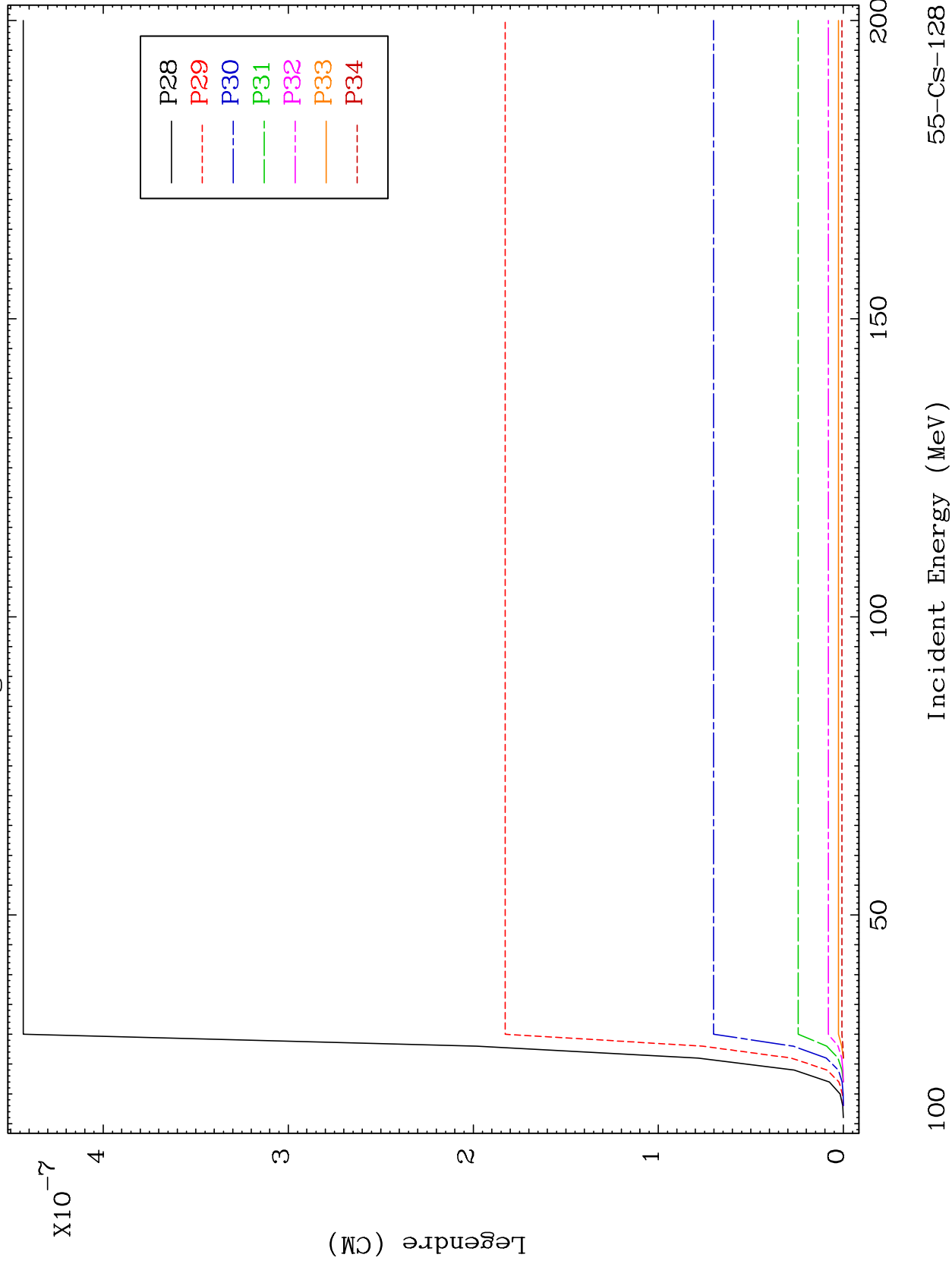
55-Cs-128



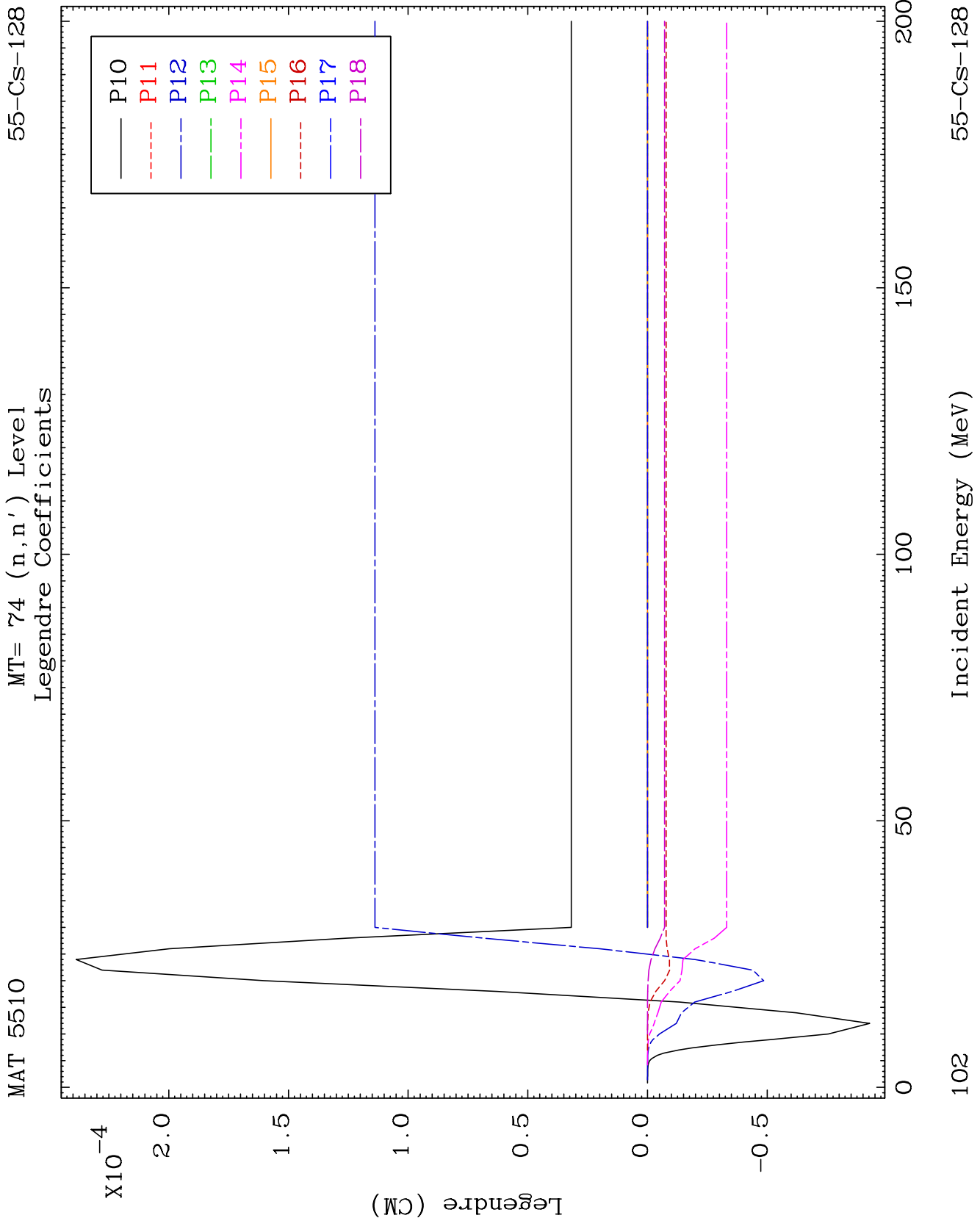
MAT 5510

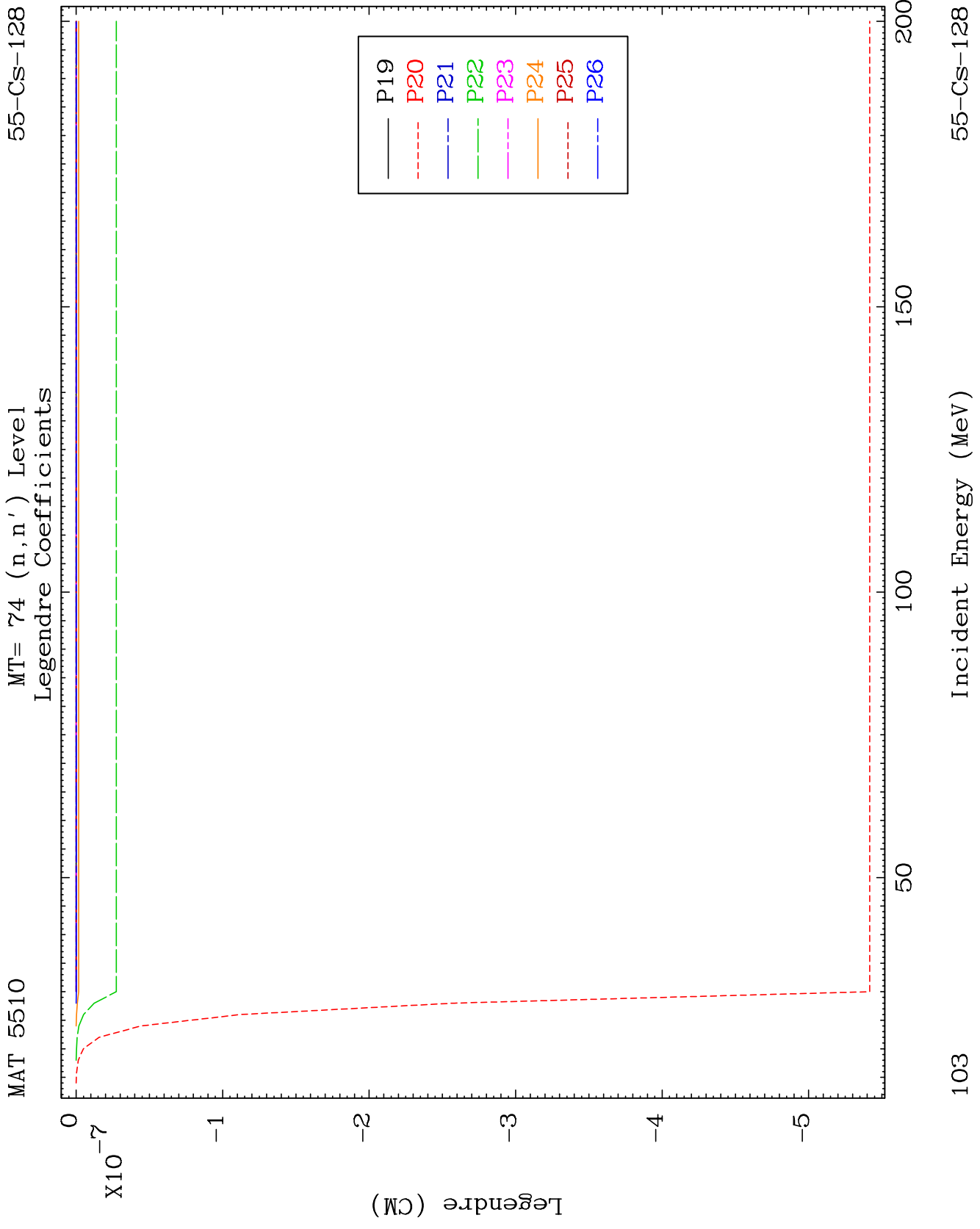
MT= 73 (n,n') Level  
Legendre Coefficients

55-Cs-128





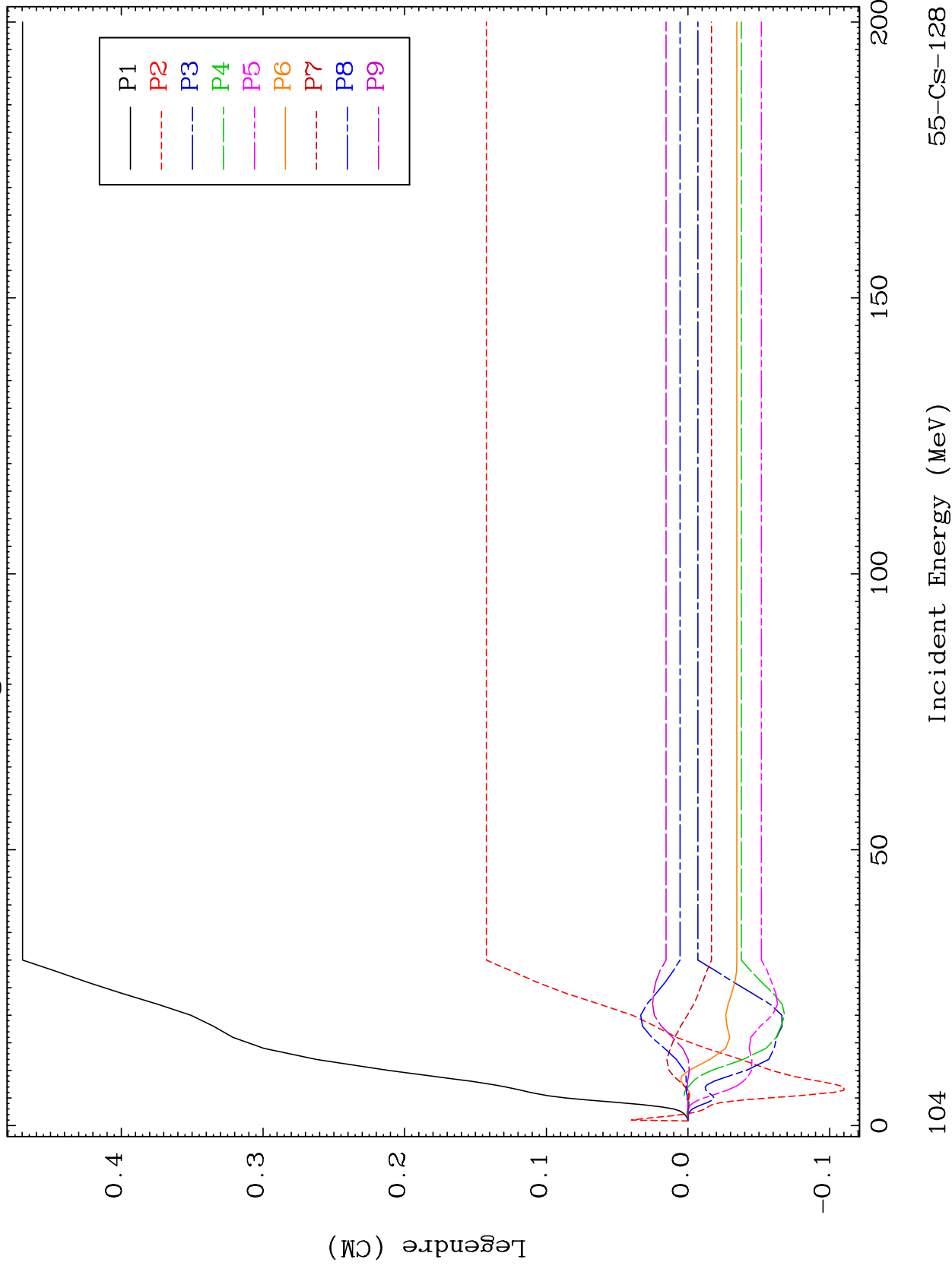




MAT 5510

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

55-Cs-128



104

Incident Energy (MeV)

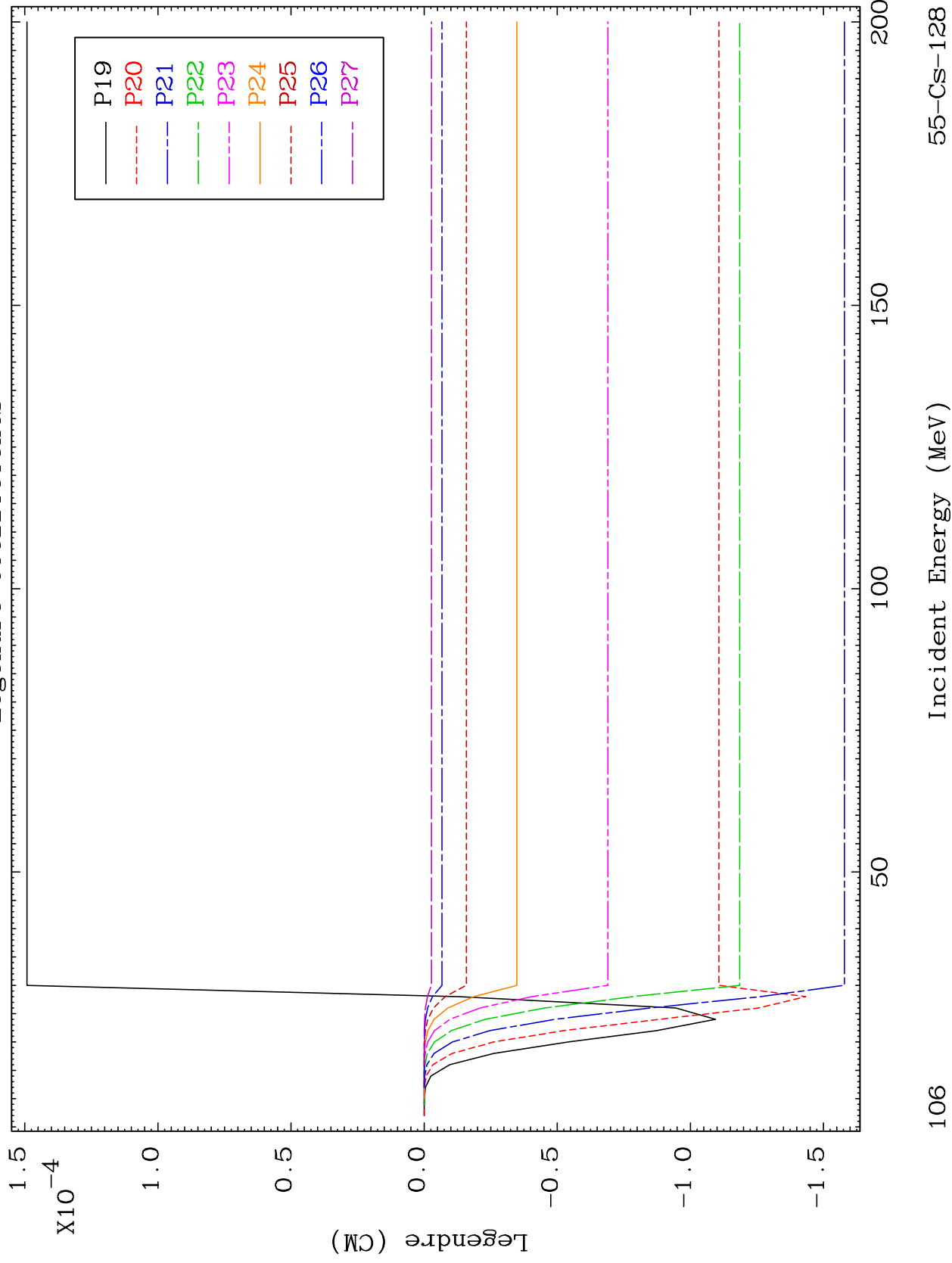
55-Cs-128



MAT 5510

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

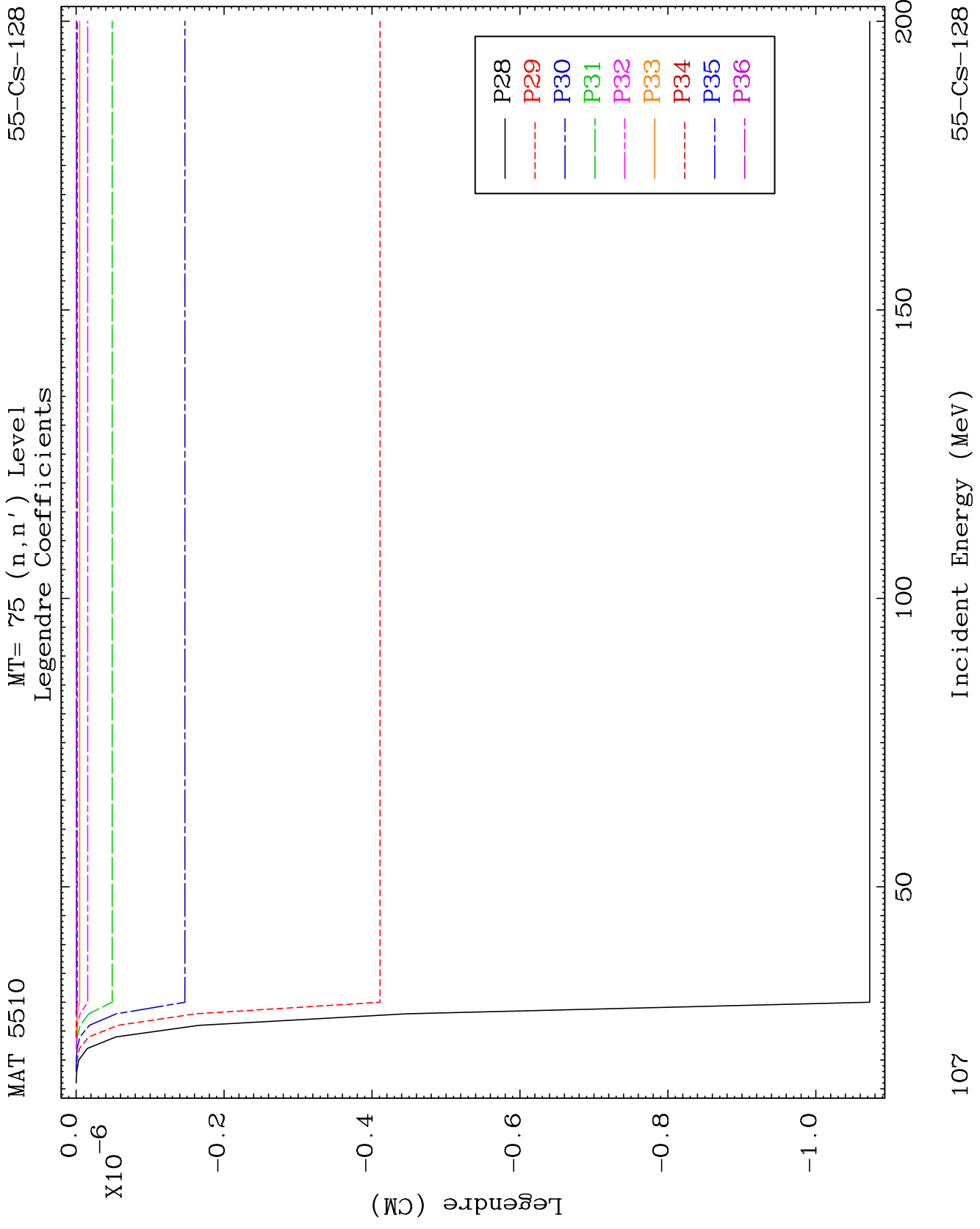
55-Cs-128

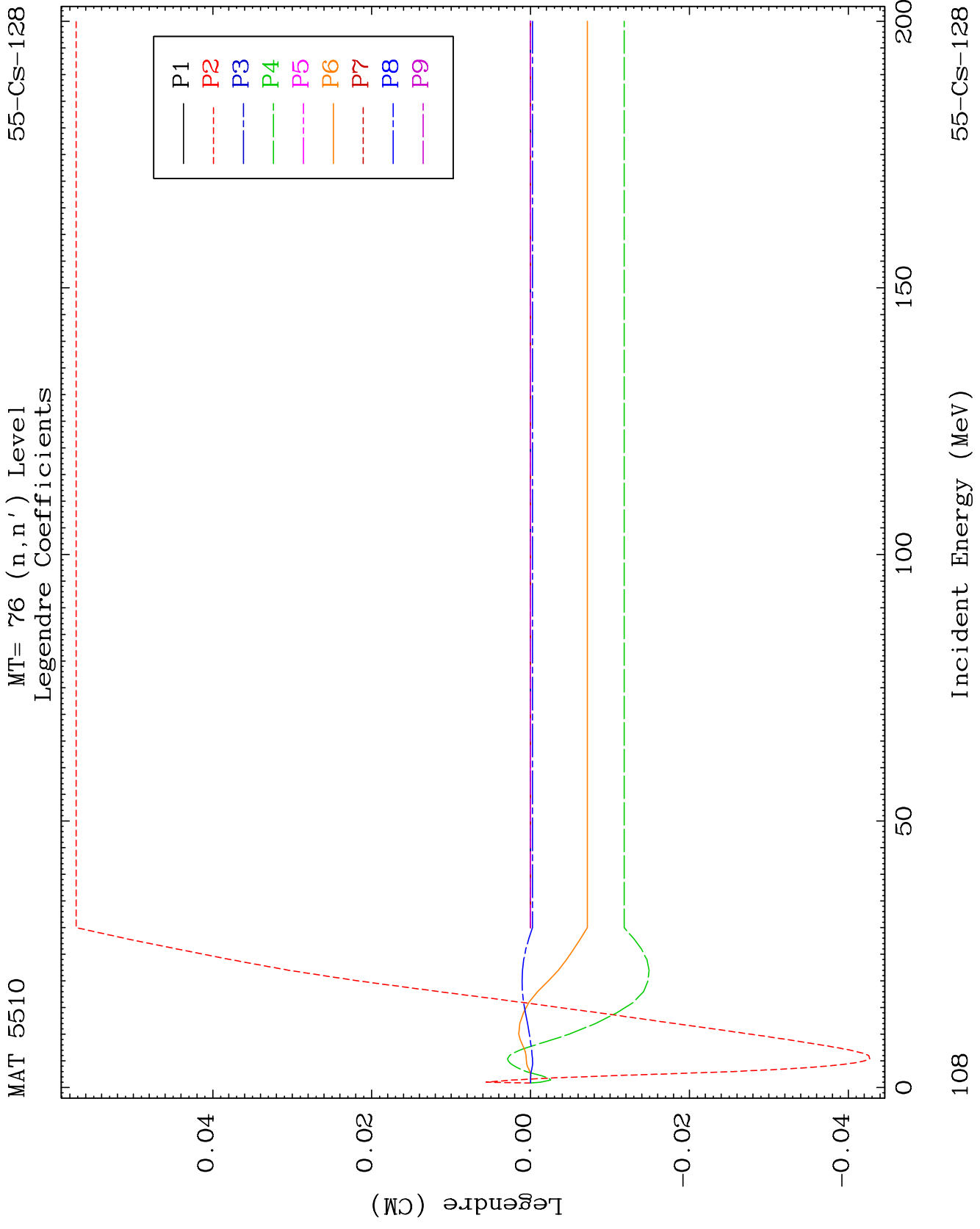


106

Incident Energy (MeV)

55-Cs-128

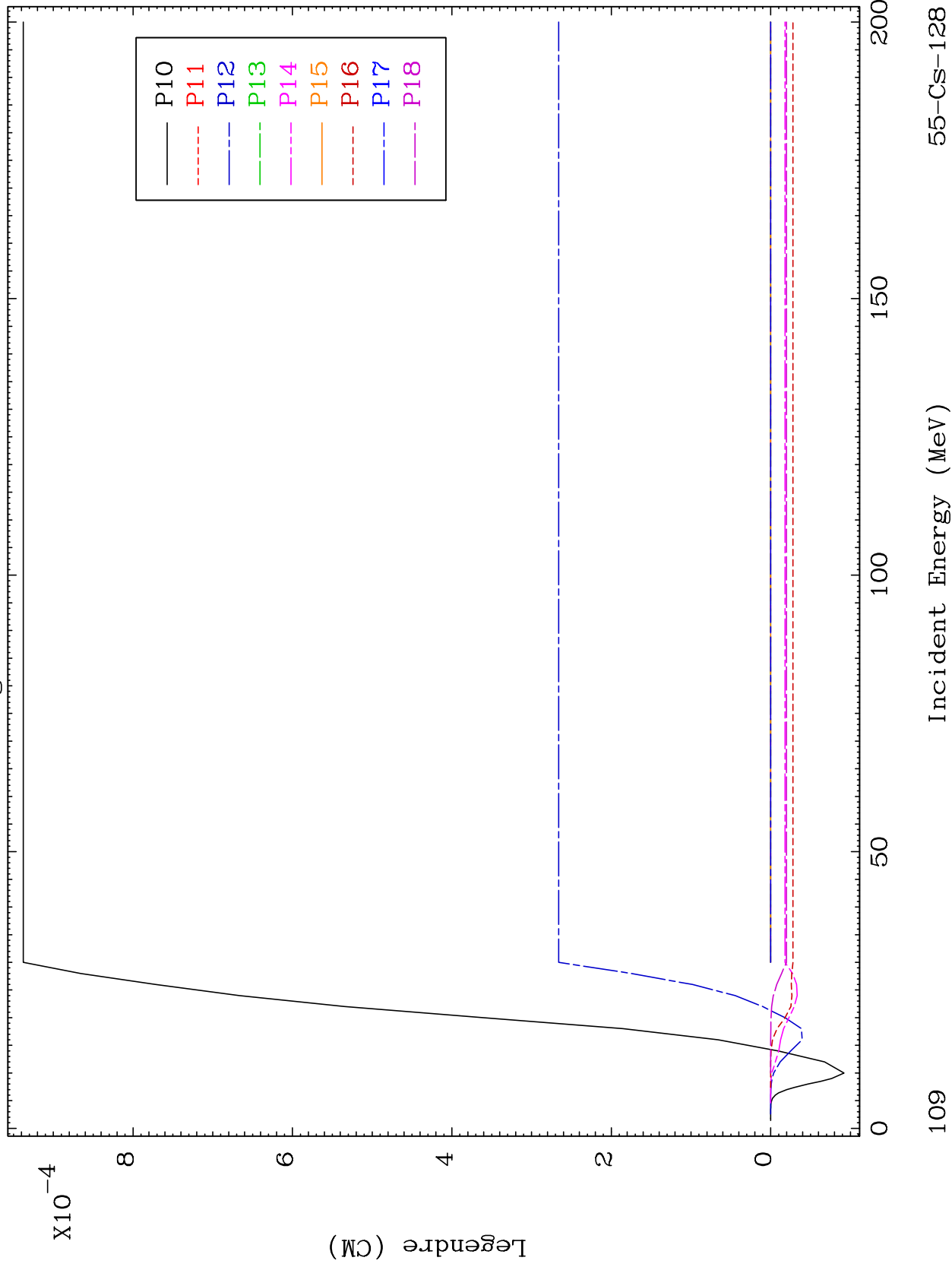




MAT 5510

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

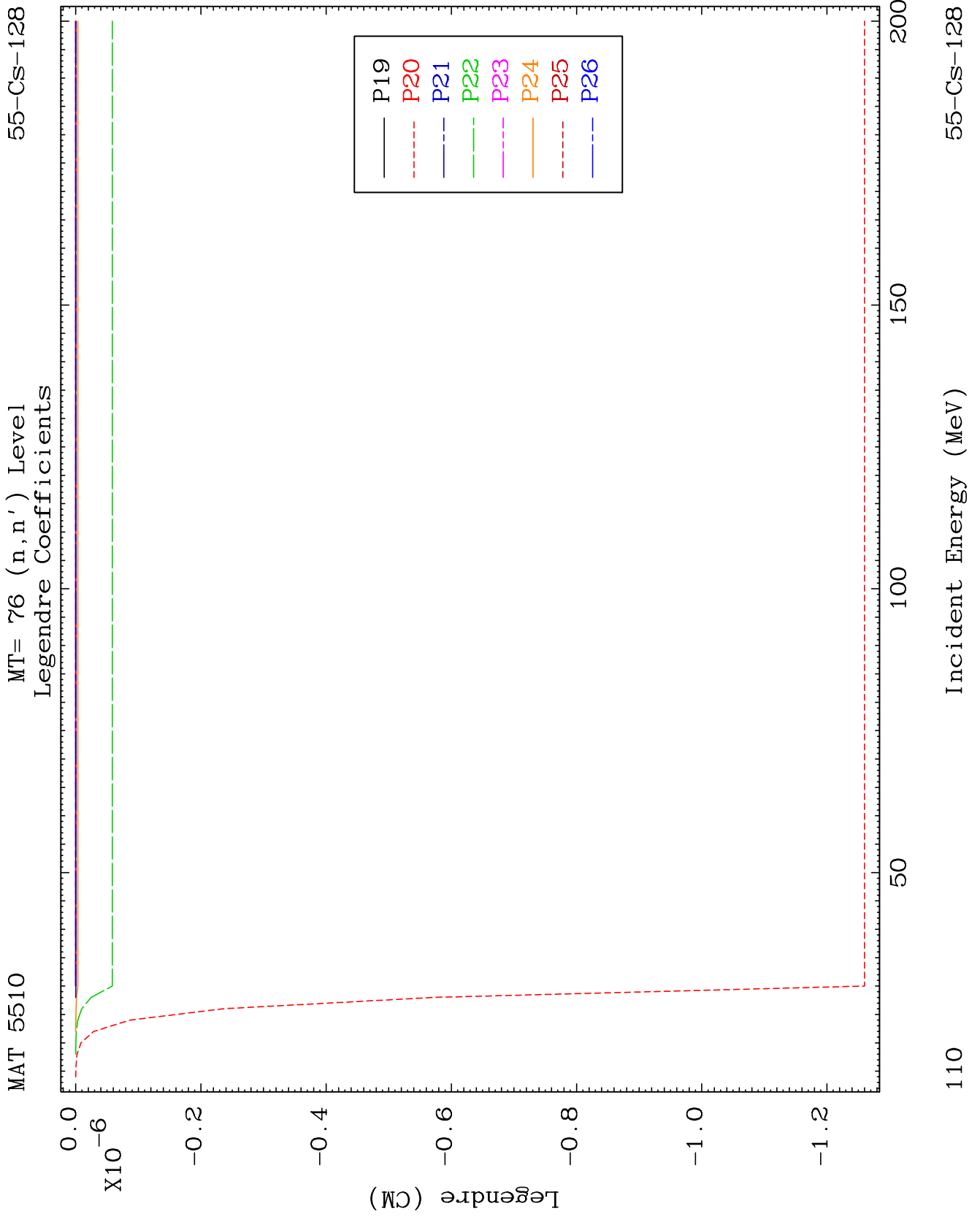
55-Cs-128



109

Incident Energy (MeV)

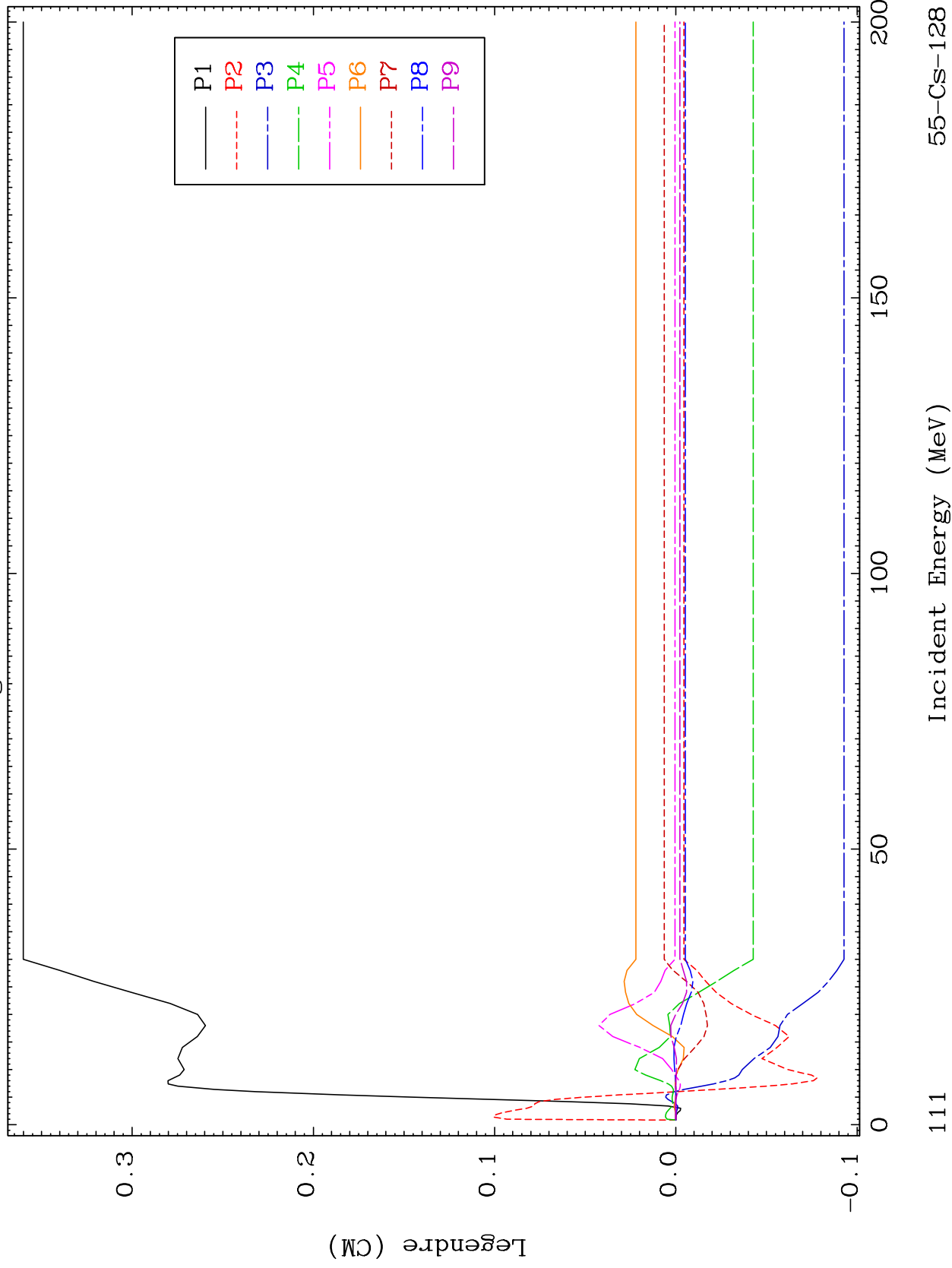
55-Cs-128



MAT 5510

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

55-Cs-128



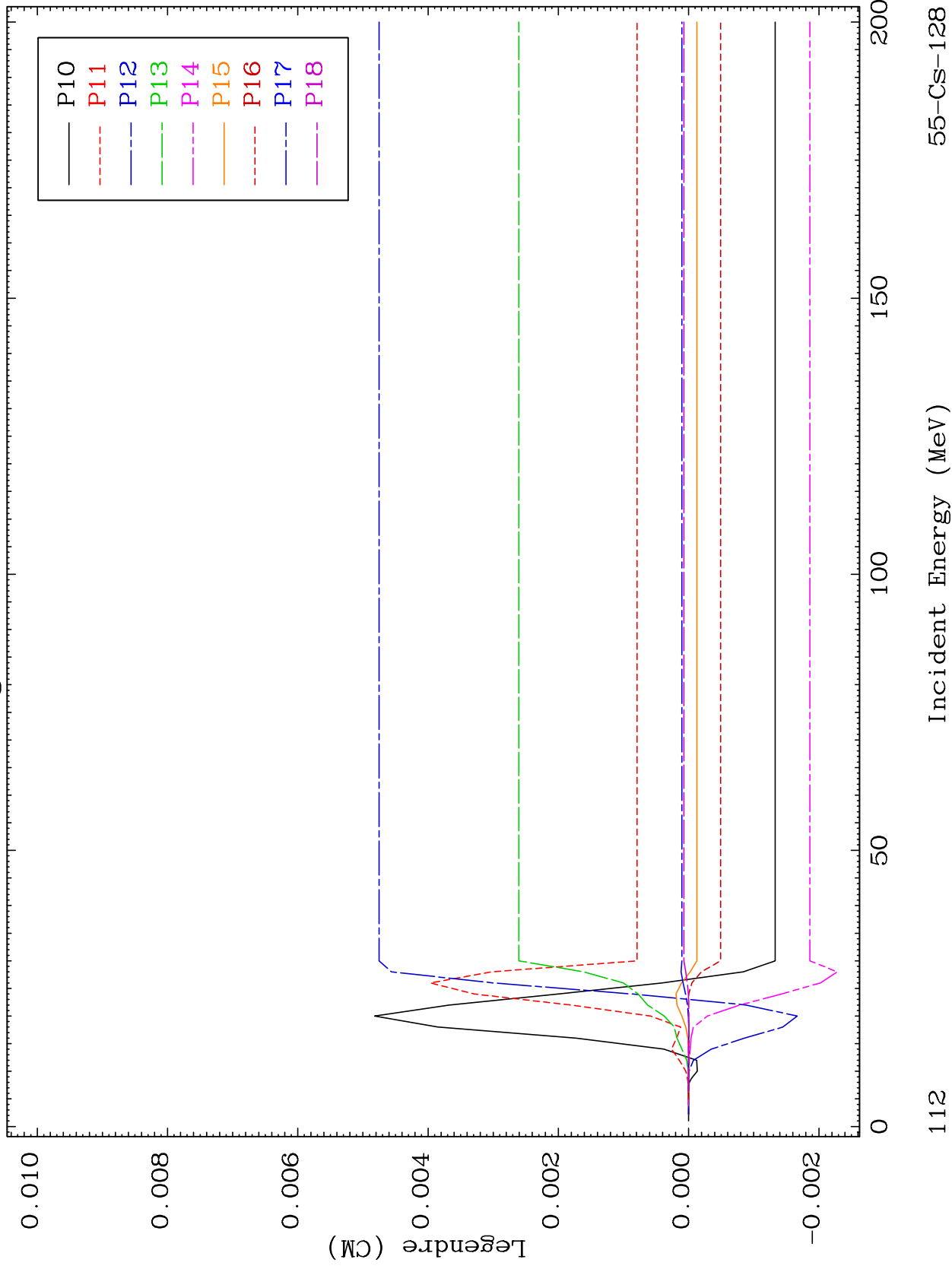
111

55-Cs-128

MAT 5510

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

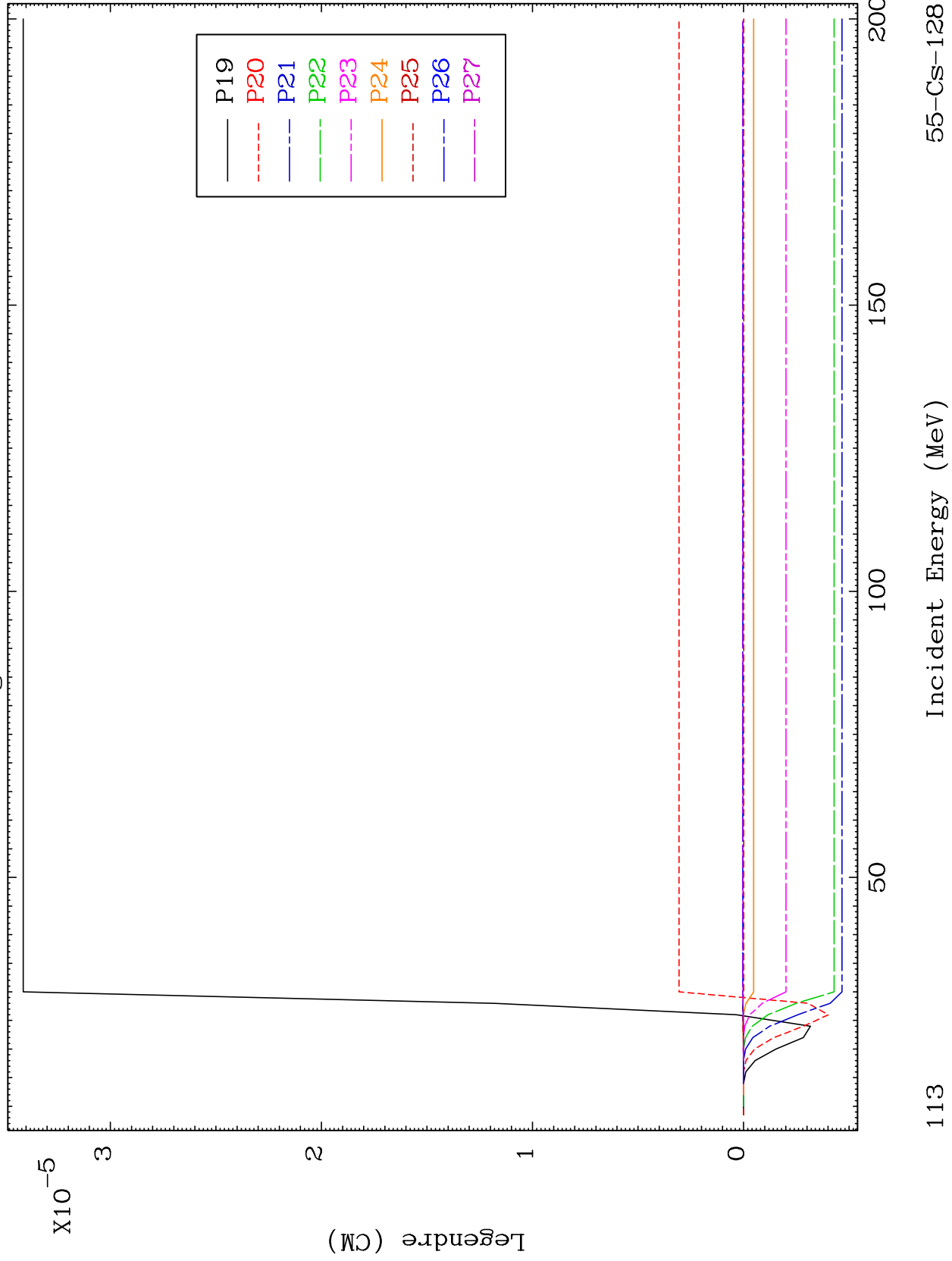
55-Cs-128



MAT 5510

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

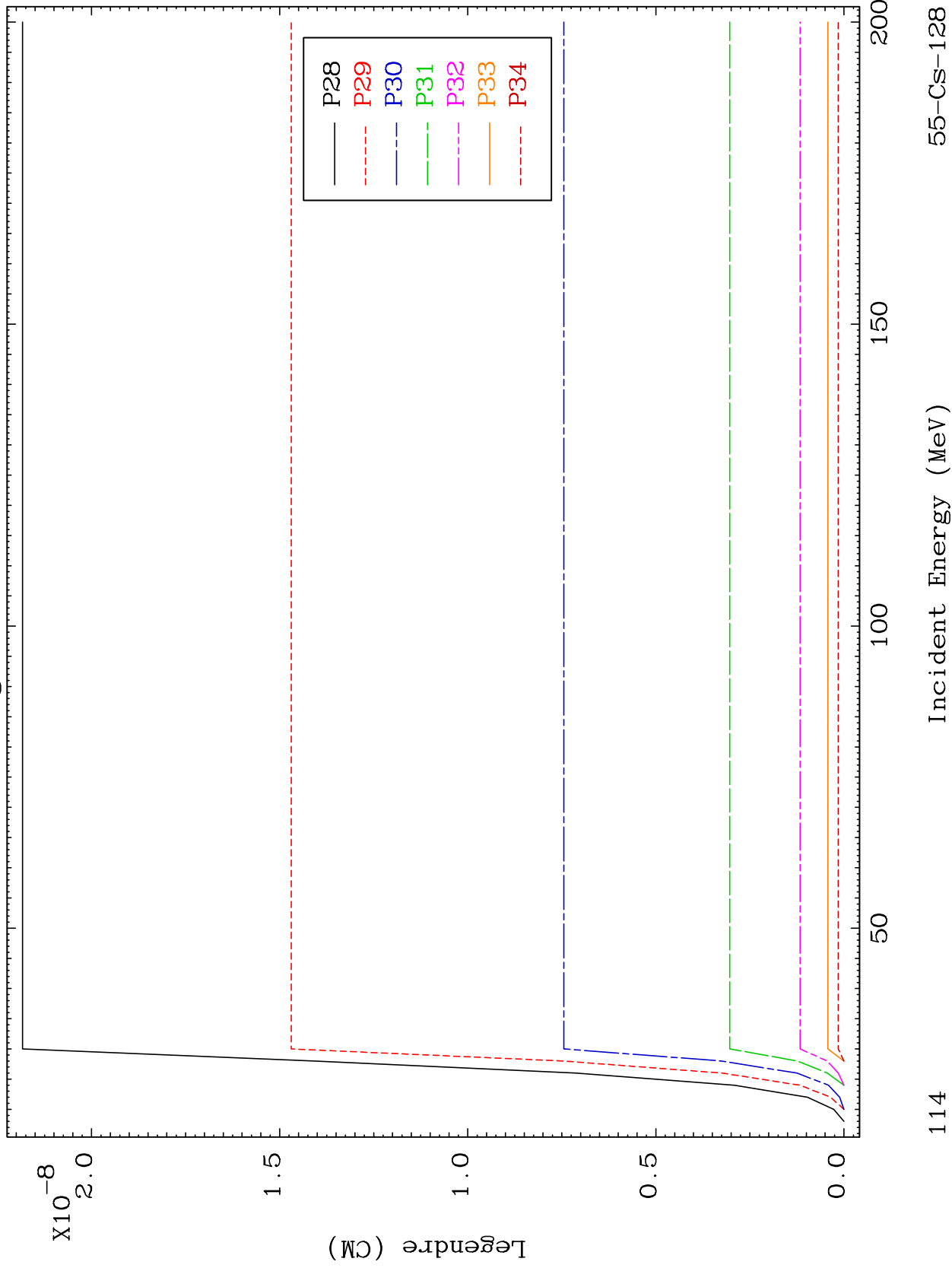
55-Cs-128



MAT 5510

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

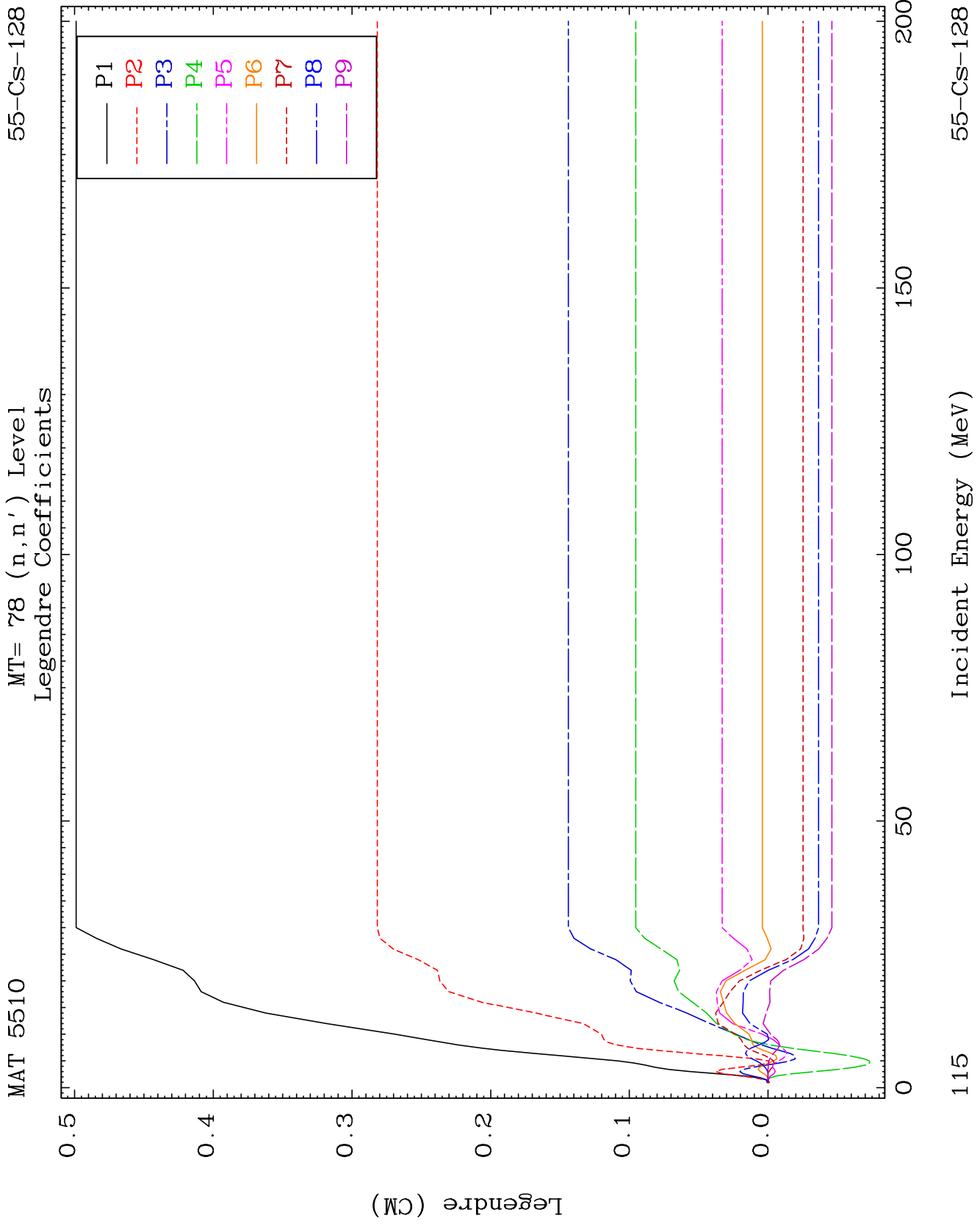
55-Cs-128



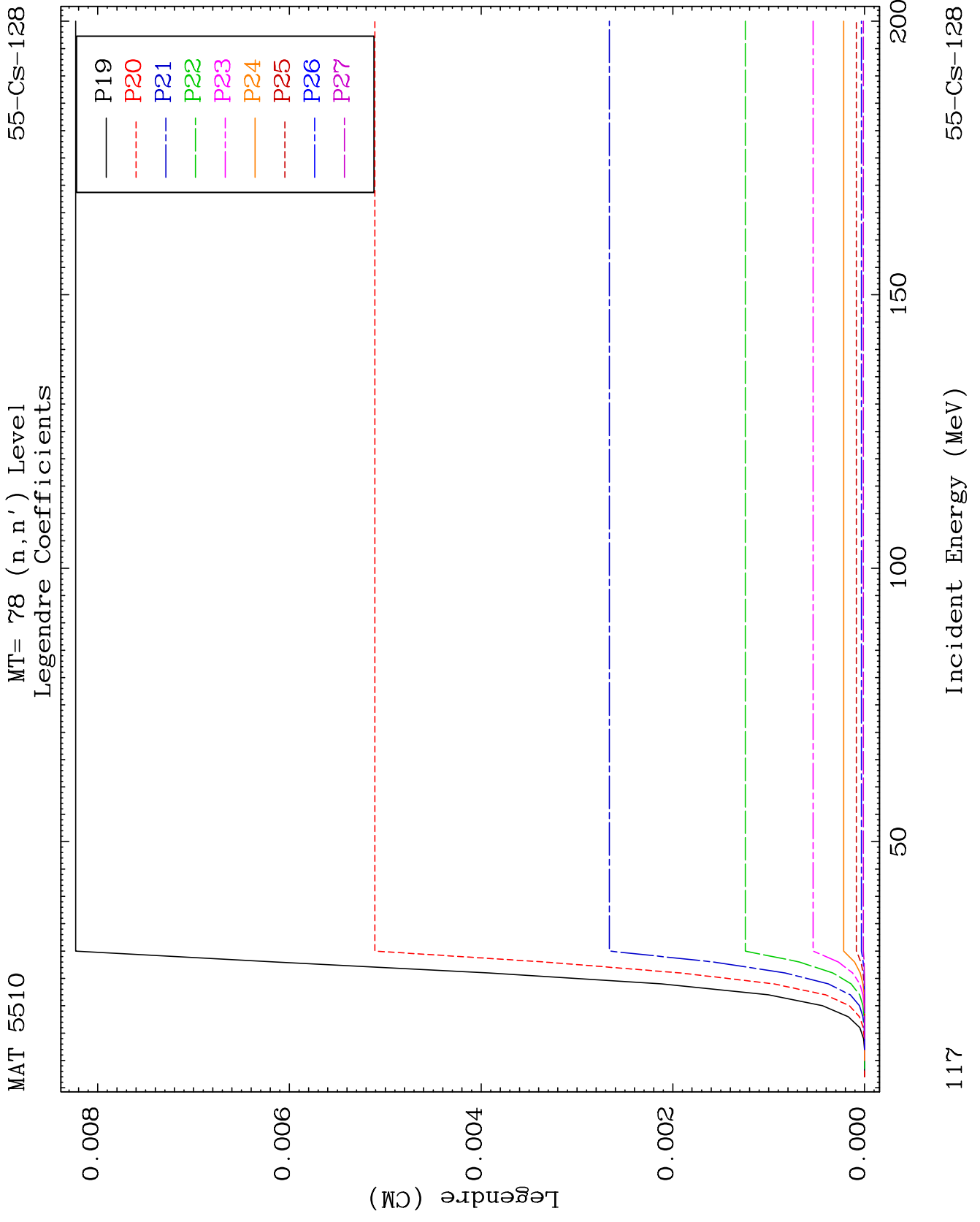
114

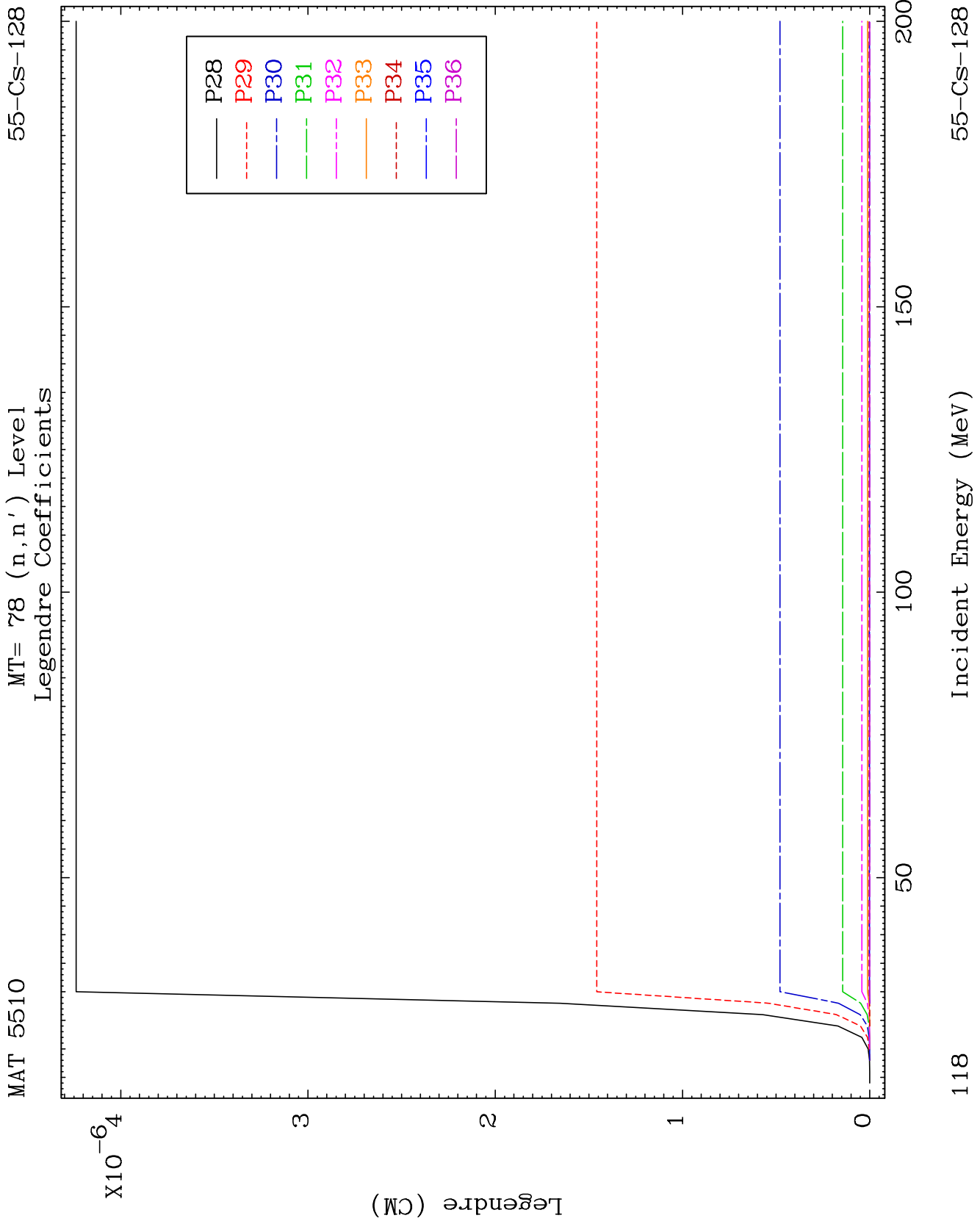
Incident Energy (MeV)

55-Cs-128





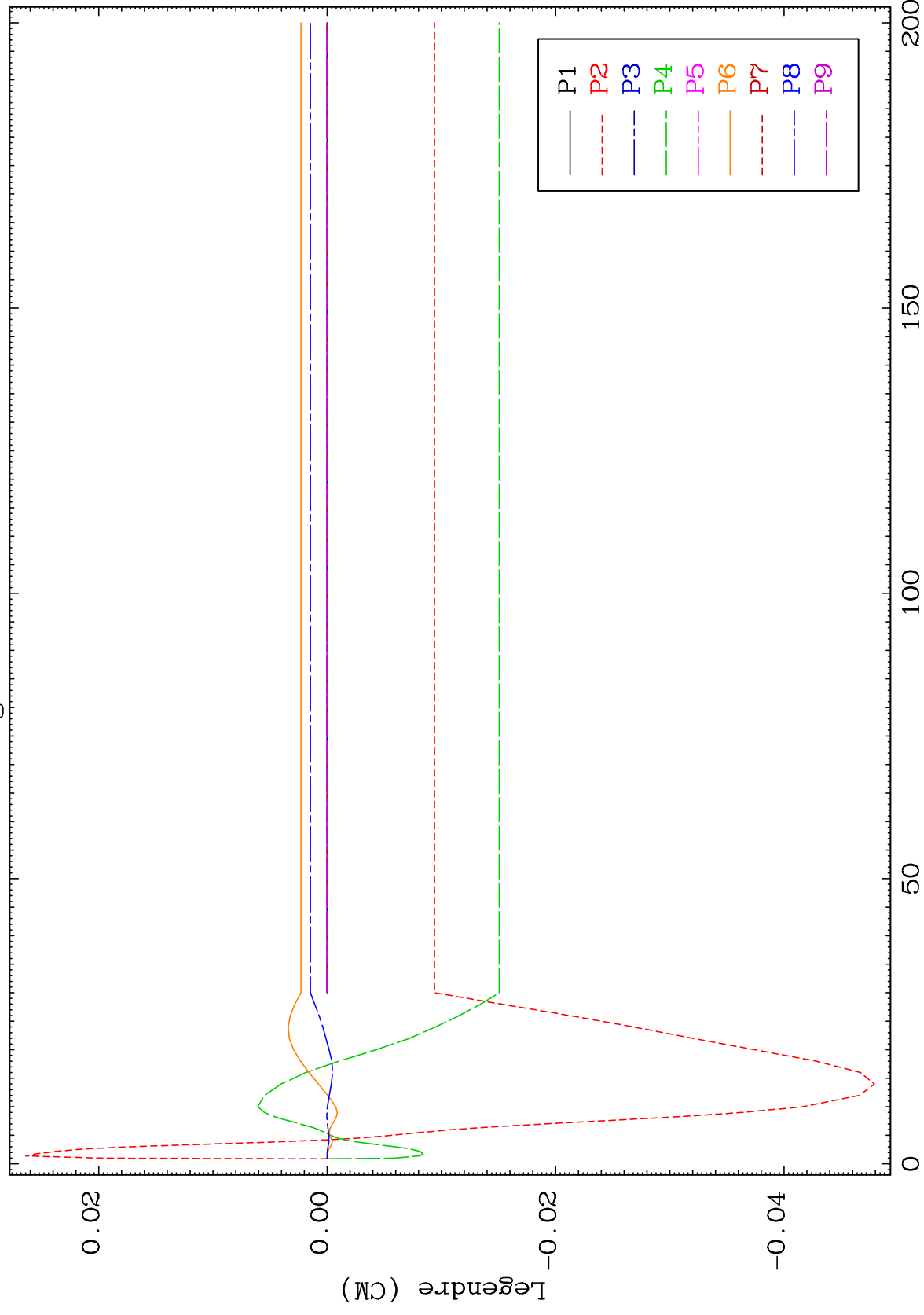




MAT 5510

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

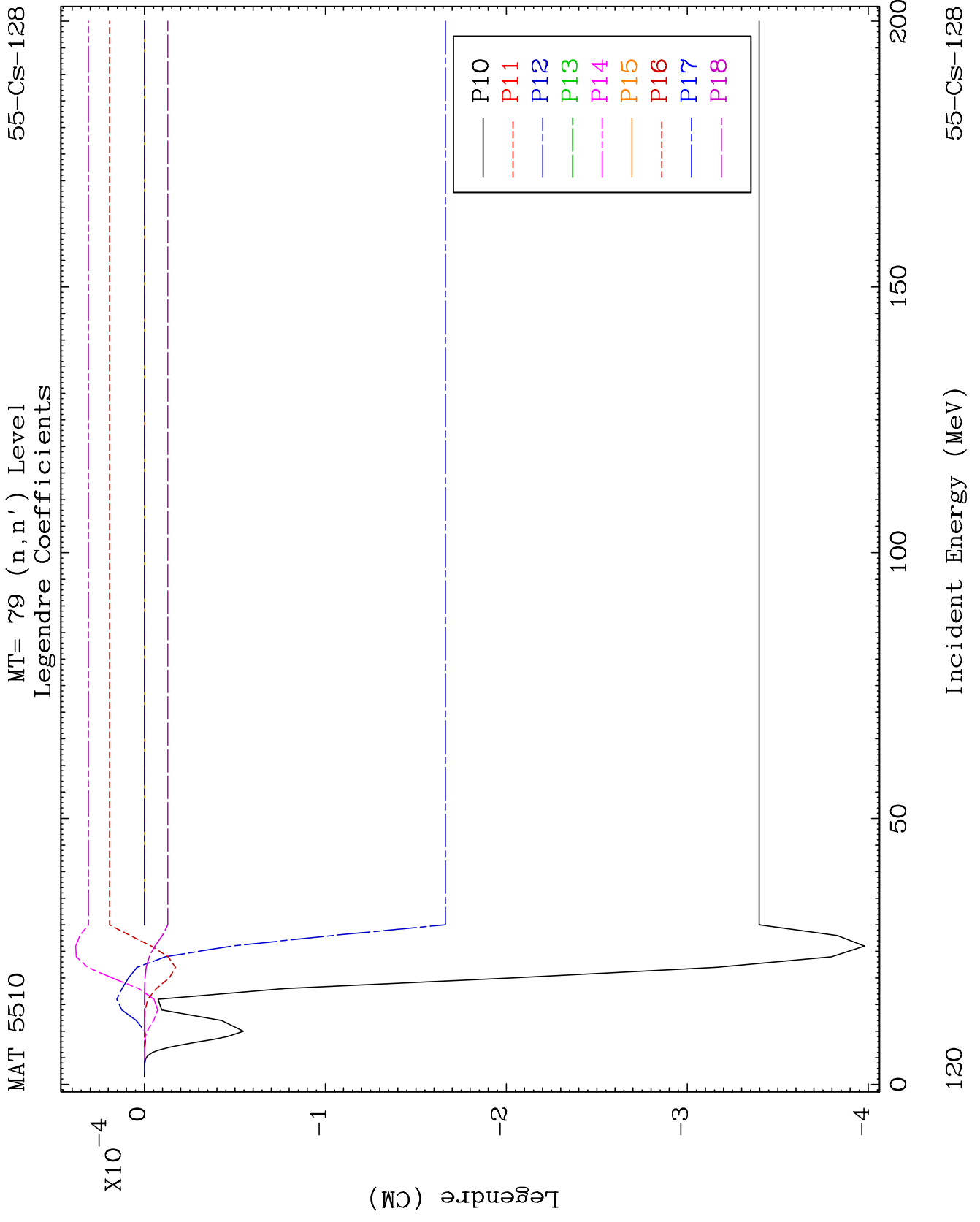
55-Cs-128

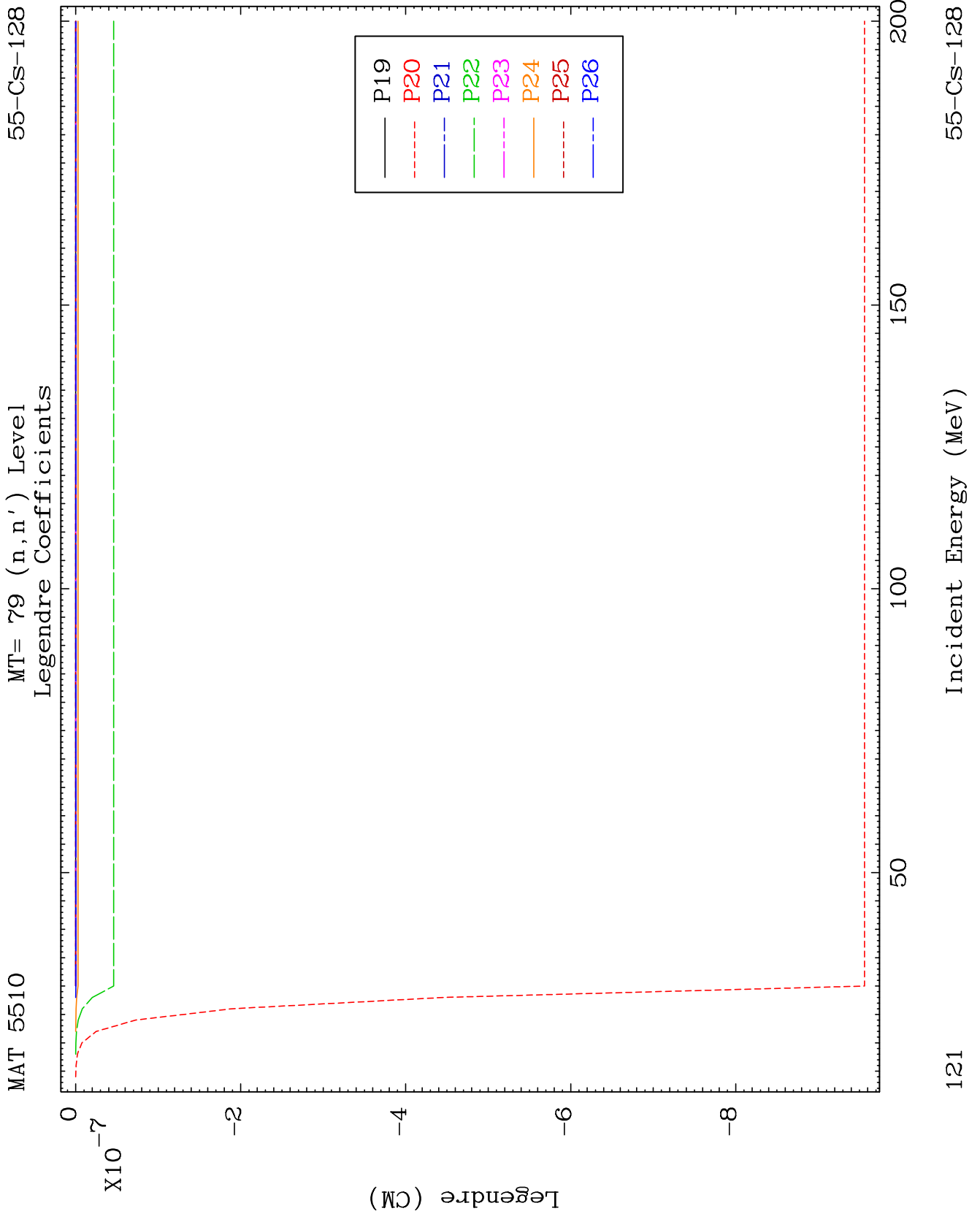


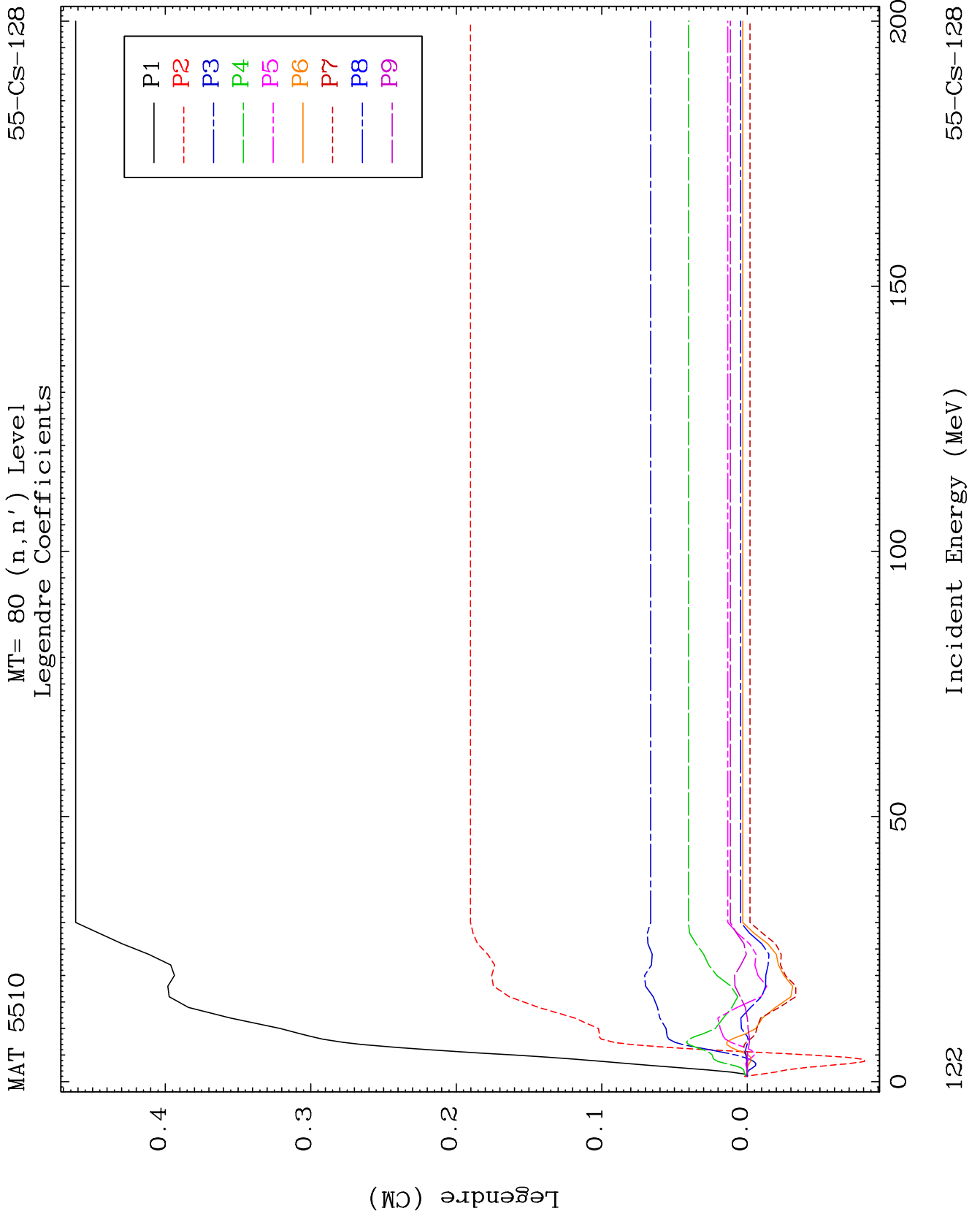
119

Incident Energy (MeV)

55-Cs-128



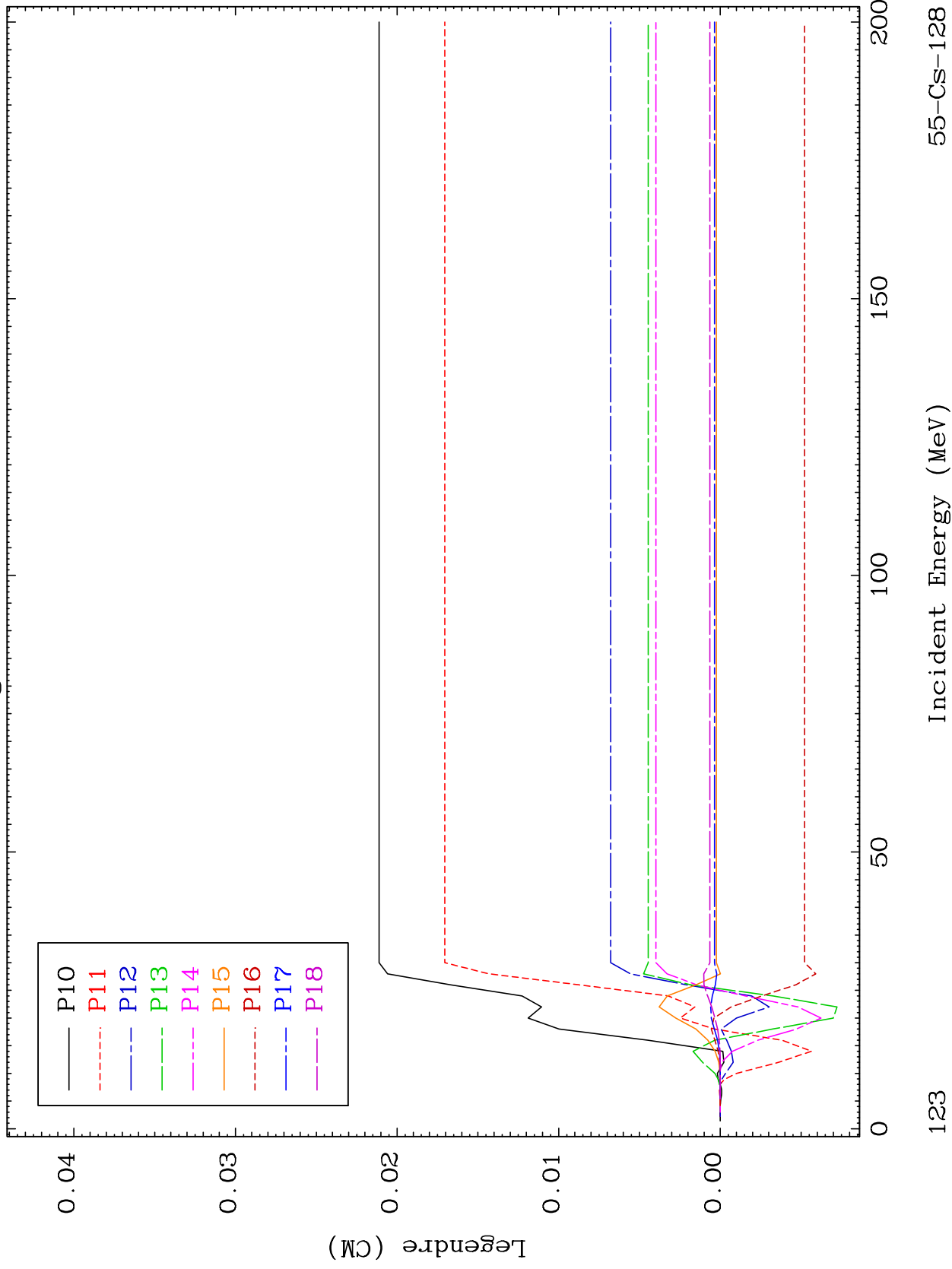




MAT 5510

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

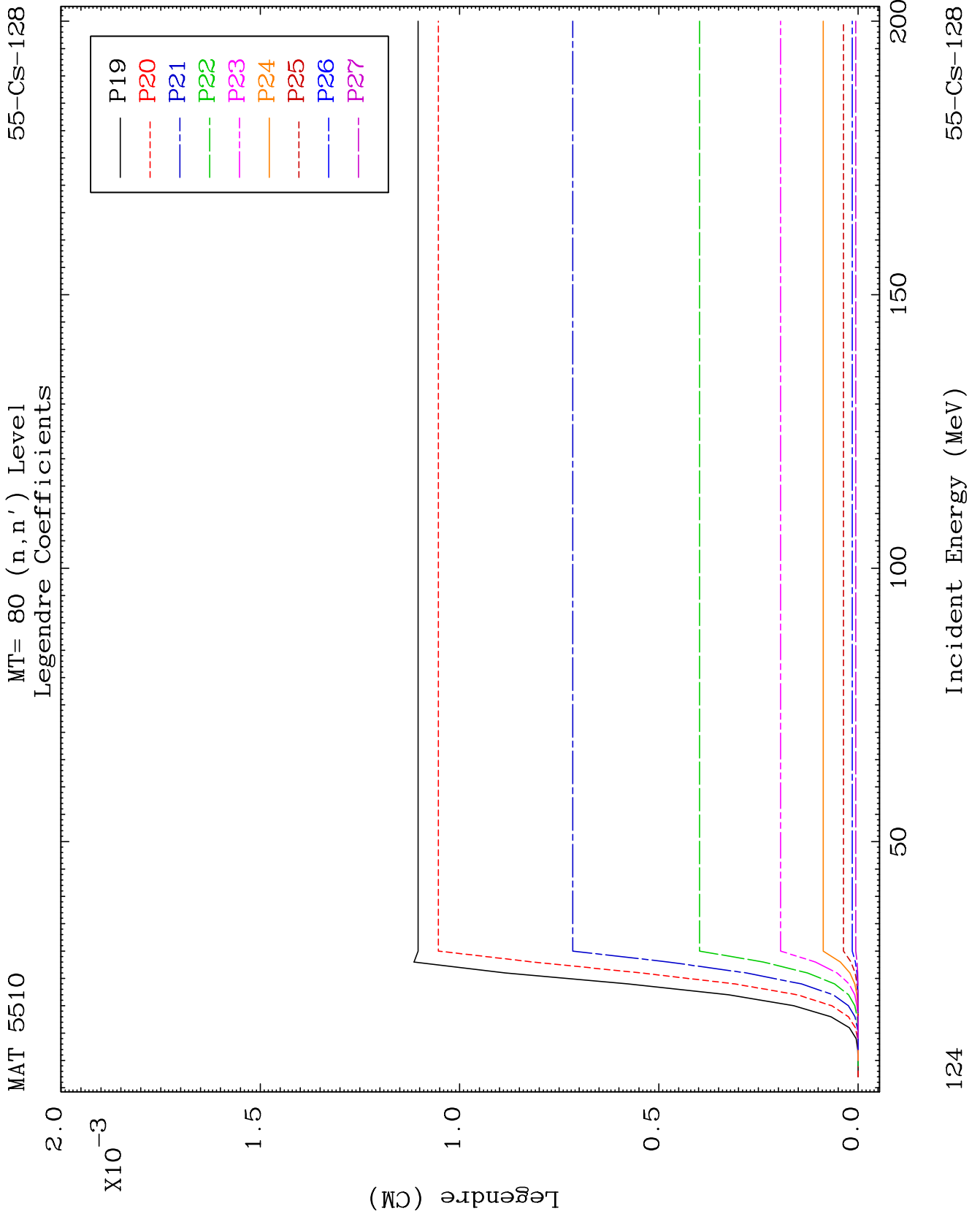
55-Cs-128



123

Incident Energy (MeV)

55-Cs-128

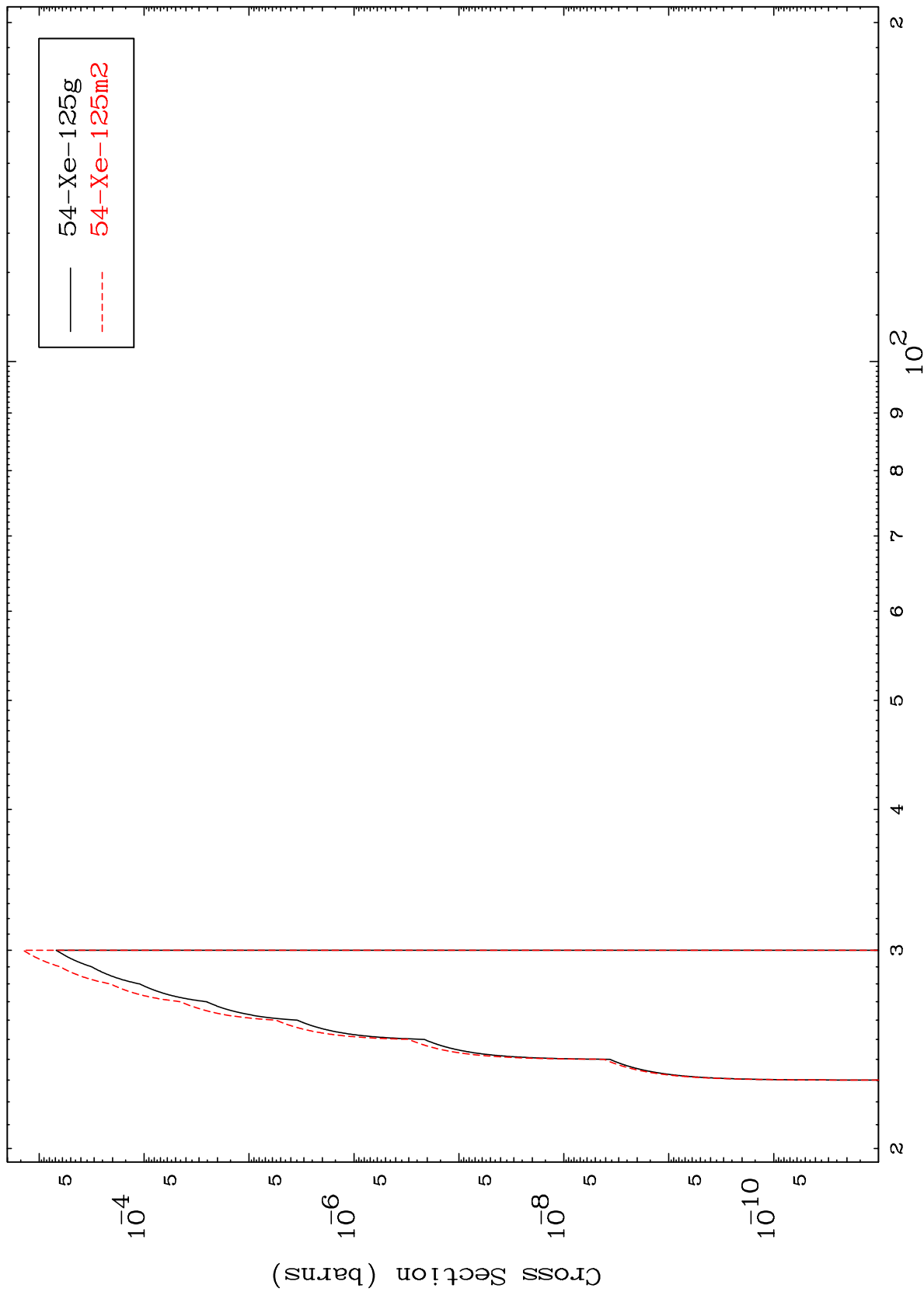




MAT 5510

55-Cs-128

(n,2n) d  
Radionuclide Production Cross Section



126

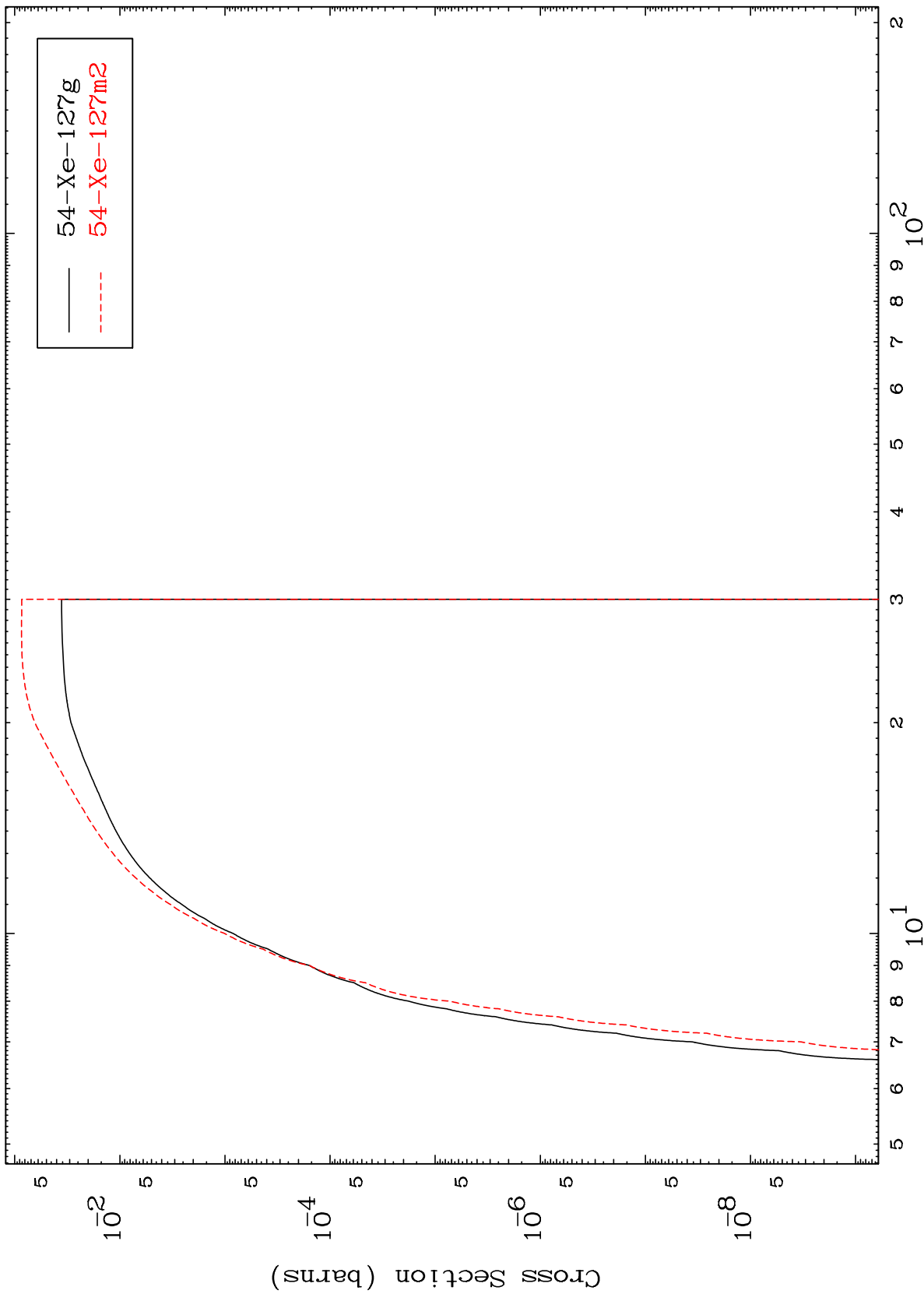
55-Cs-128

MAT 5510

55-Cs-128

(n,n') p

Radionuclide Production Cross Section

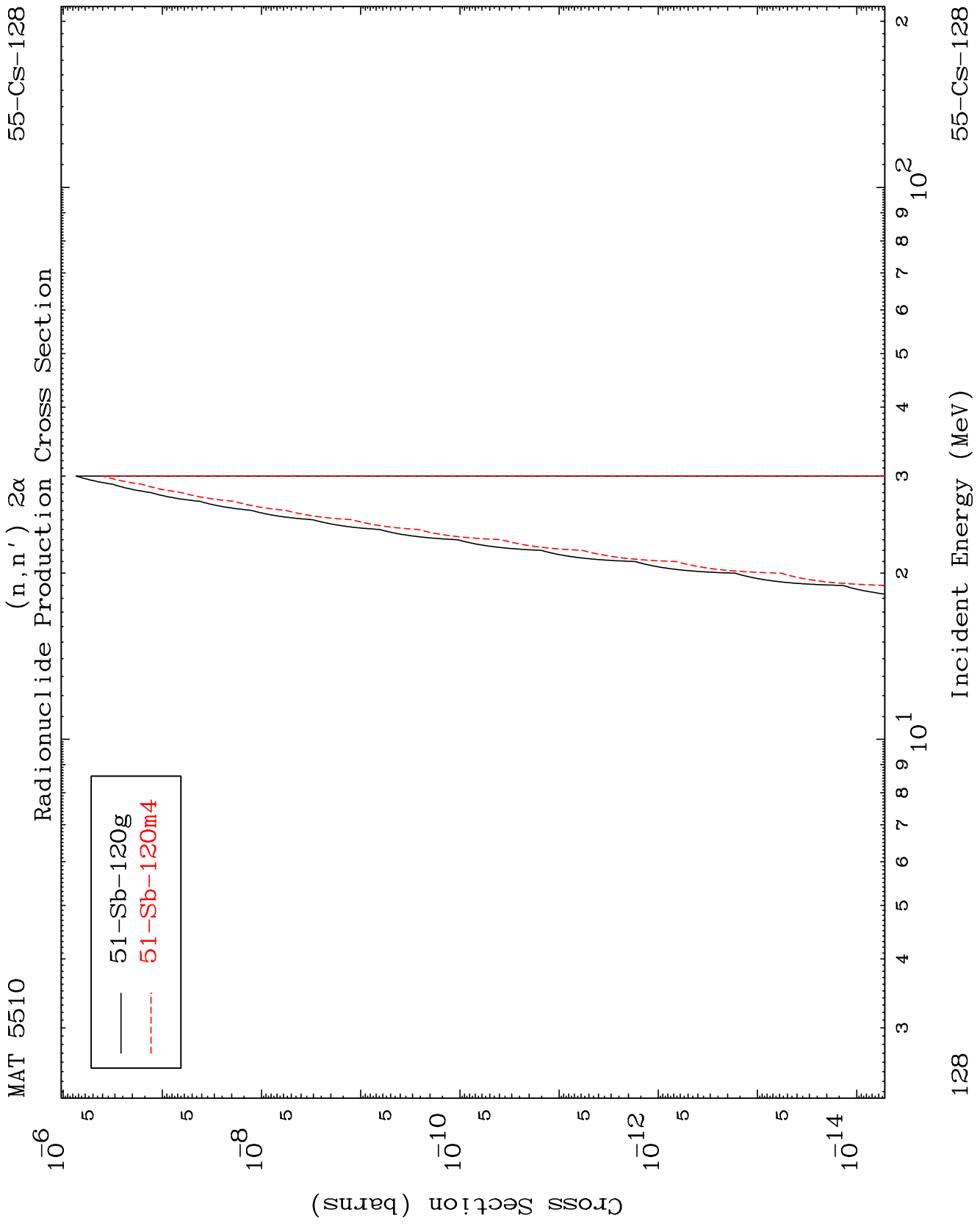


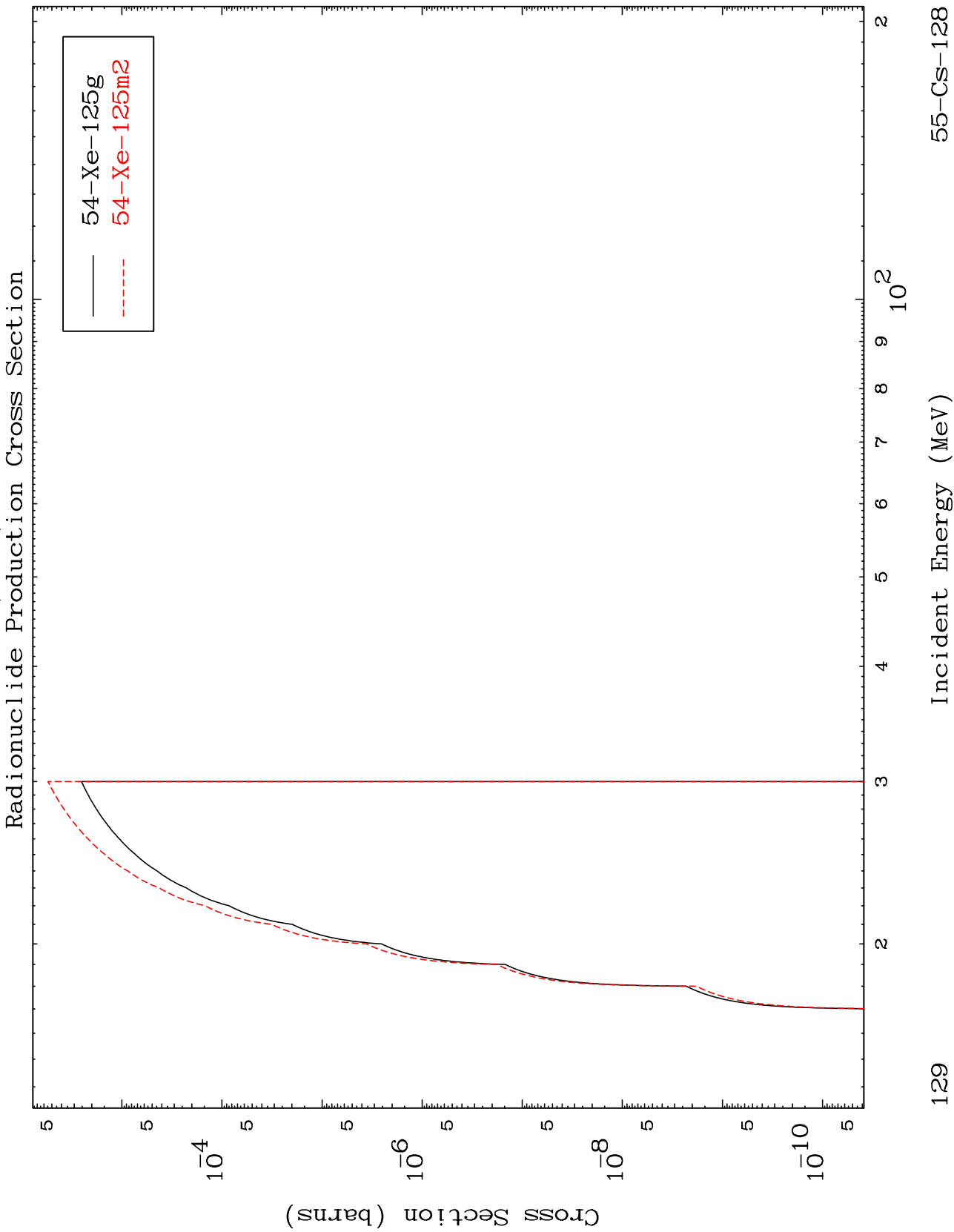
54-Xe-127g  
54-Xe-127m2

55-Cs-128

Incident Energy (MeV)

127

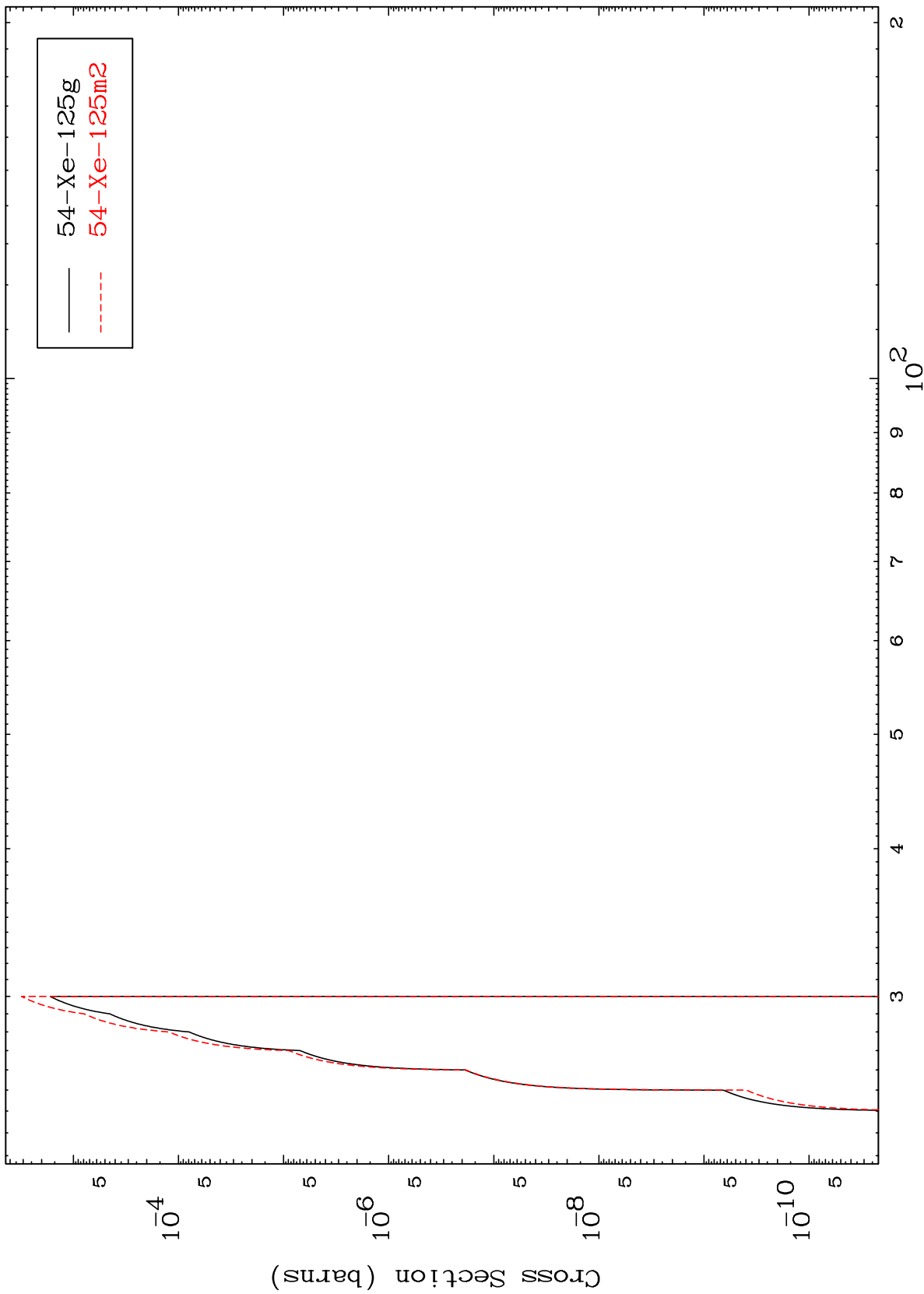




MAT 5510

55-Cs-128

(n,3n) p  
Radionuclide Production Cross Section



130

55-Cs-128

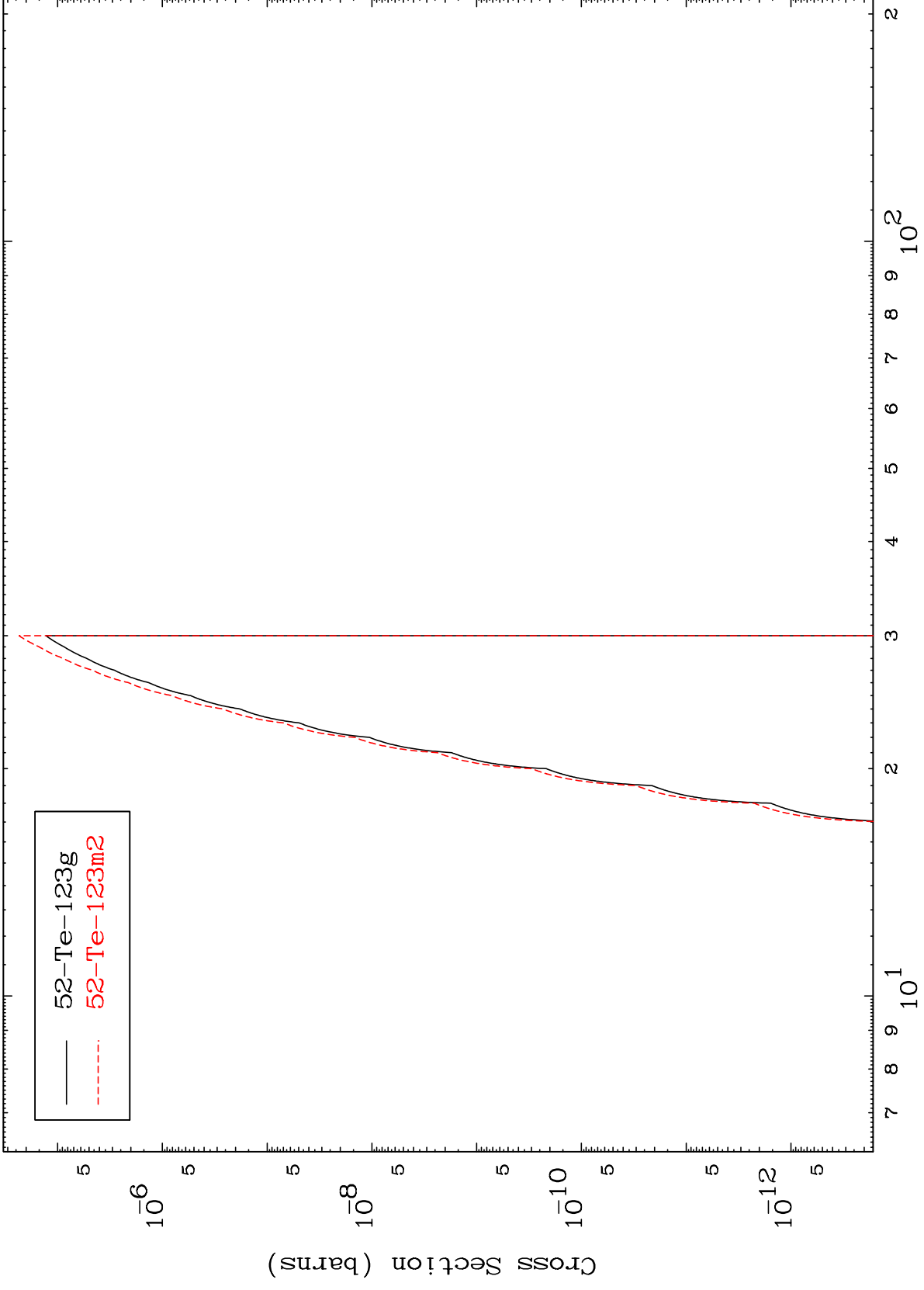
Incident Energy (MeV)

MAT 5510

(n,n') p  $\alpha$

55-Cs-128

Radionuclide Production Cross Section



52-Te-123g  
52-Te-123m2

131

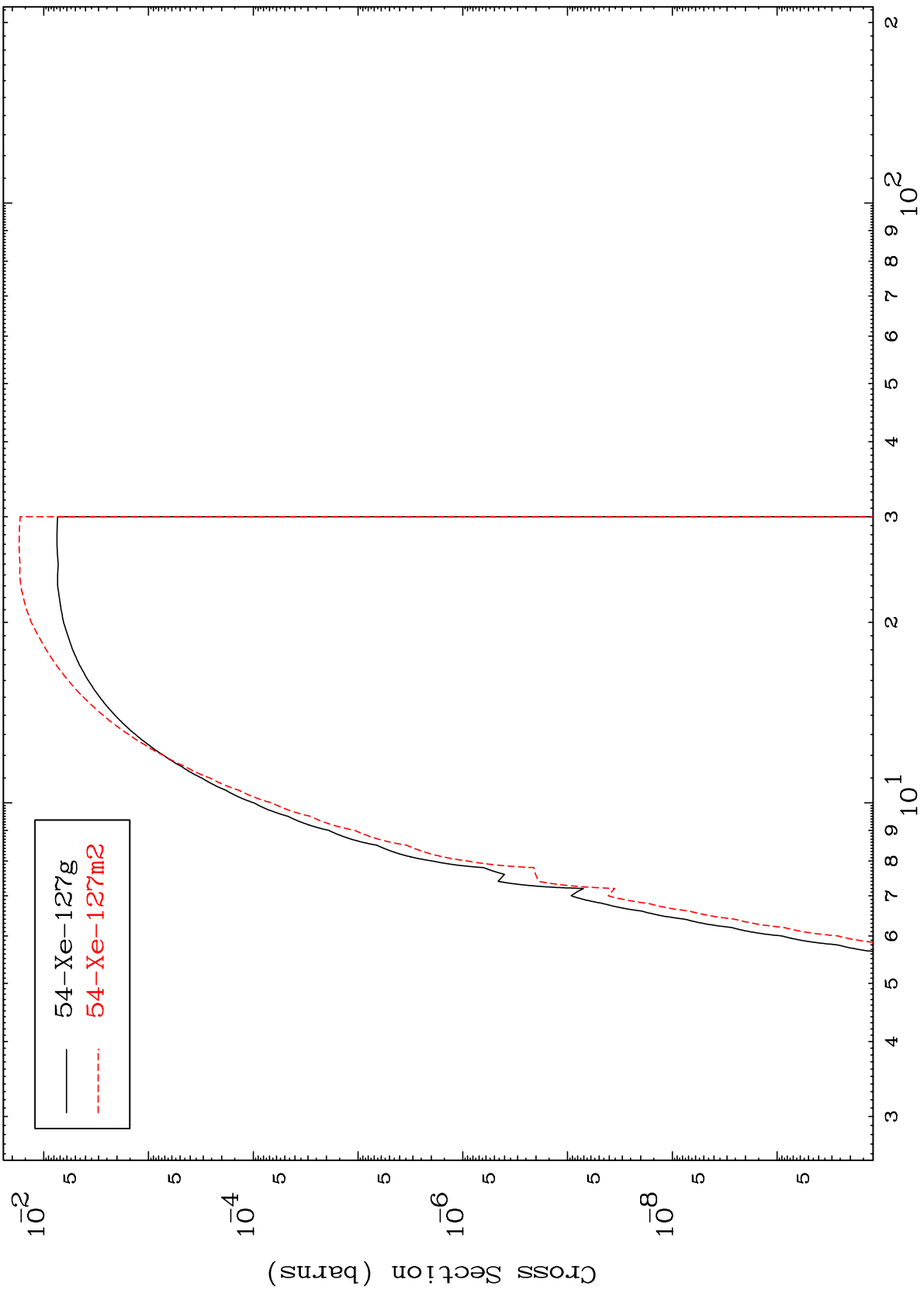
Incident Energy (MeV)

55-Cs-128

MAT 5510

55-Cs-128

(n,d)  
Radionuclide Production Cross Section



55-Cs-128

Incident Energy (MeV)

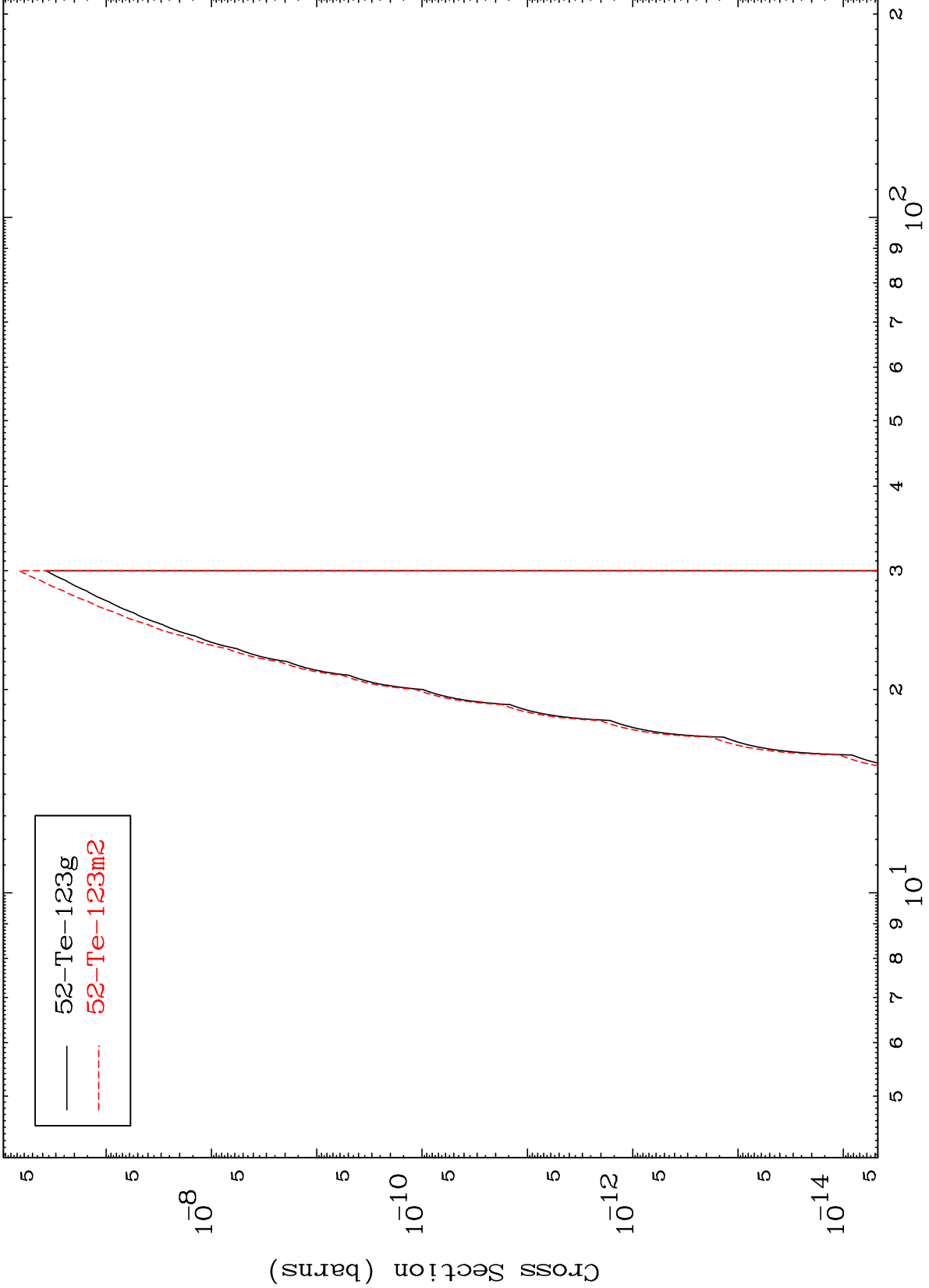
132

MAT 5510

(n,d)  $\alpha$

55-Cs-128

Radionuclide Production Cross Section



52-Te-123g  
52-Te-123m2

133

Incident Energy (MeV)

55-Cs-128