

Program EVALPLOT
(Version 2018-1)

by

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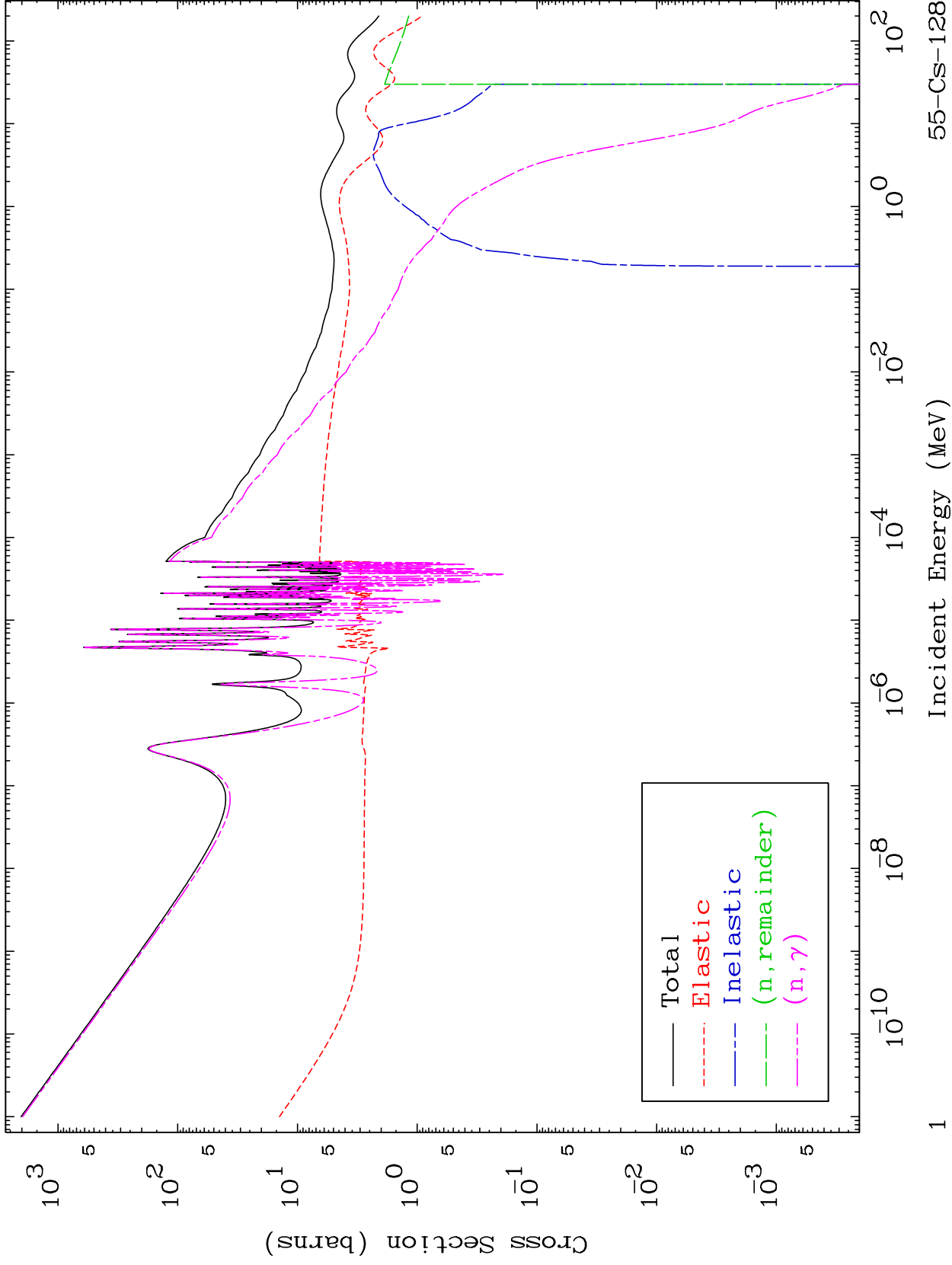
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Press Mouse Button to Start

MAT 5510

Major
293 Kelvin Cross Sections

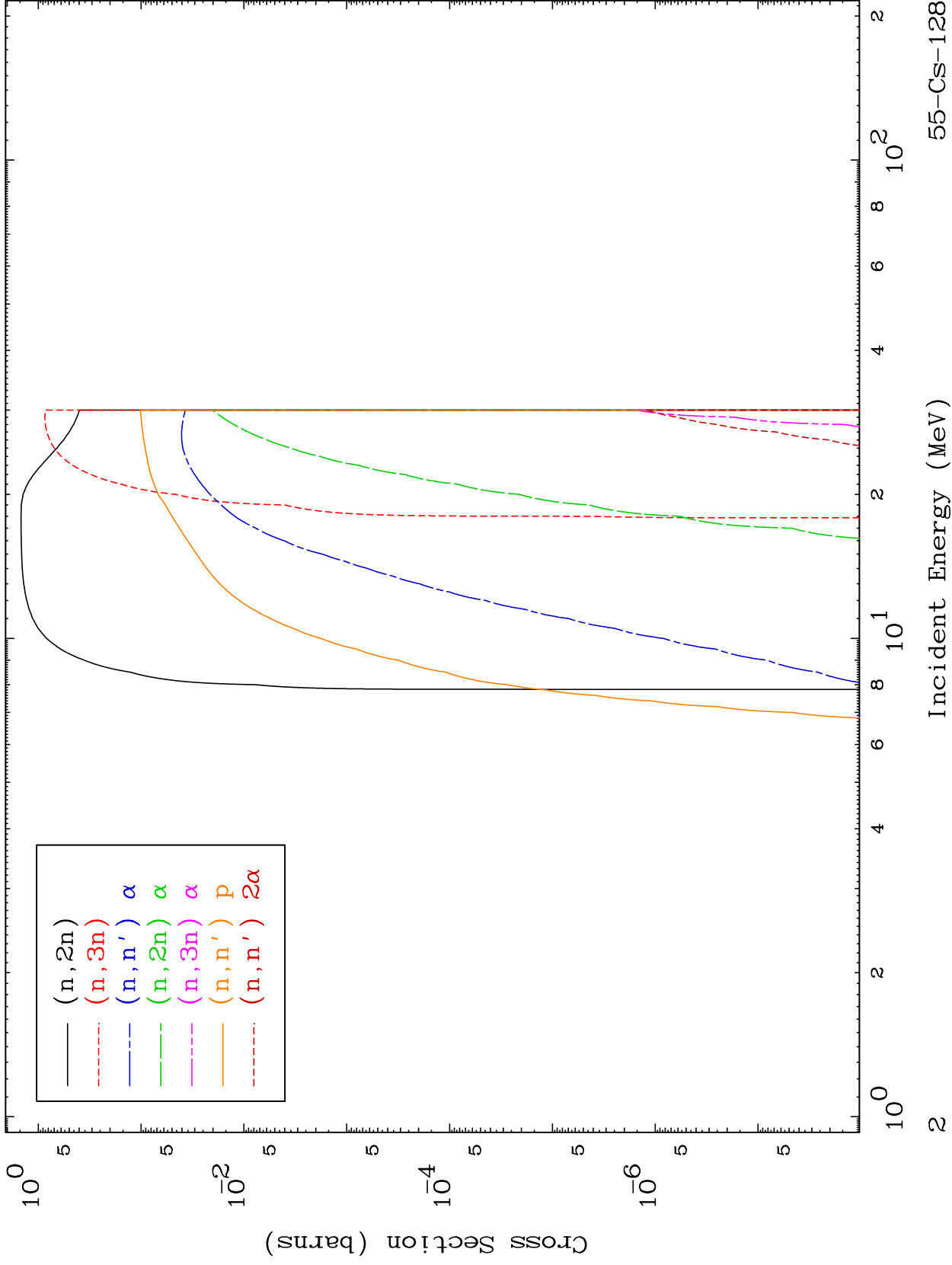
55-Cs-128



MAT 5510

Neutron Production
293 Kelvin Cross Sections

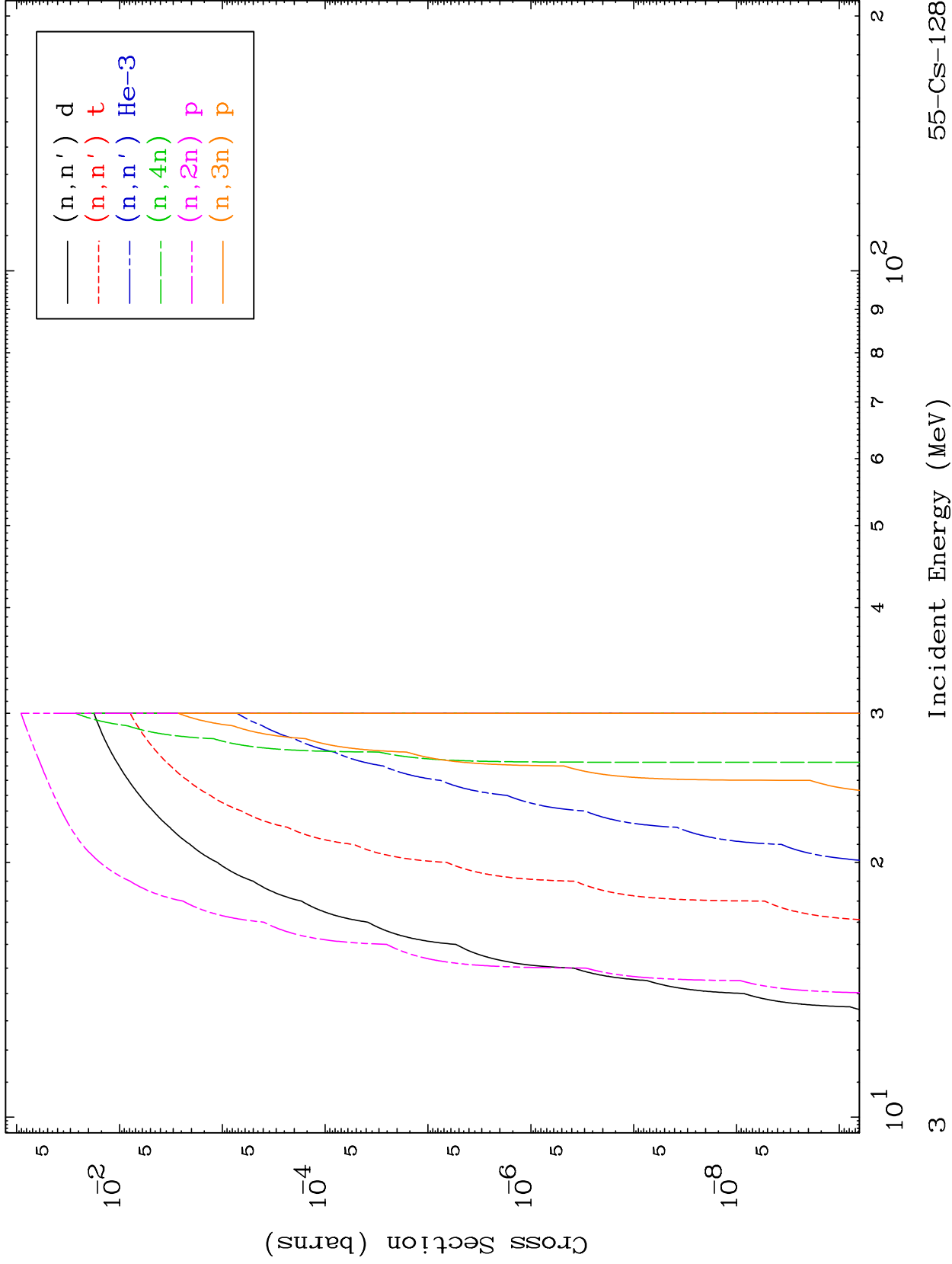
55-Cs-128



MAT 5510

Neutron Production 293 Kelvin Cross Sections

55-Cs-128



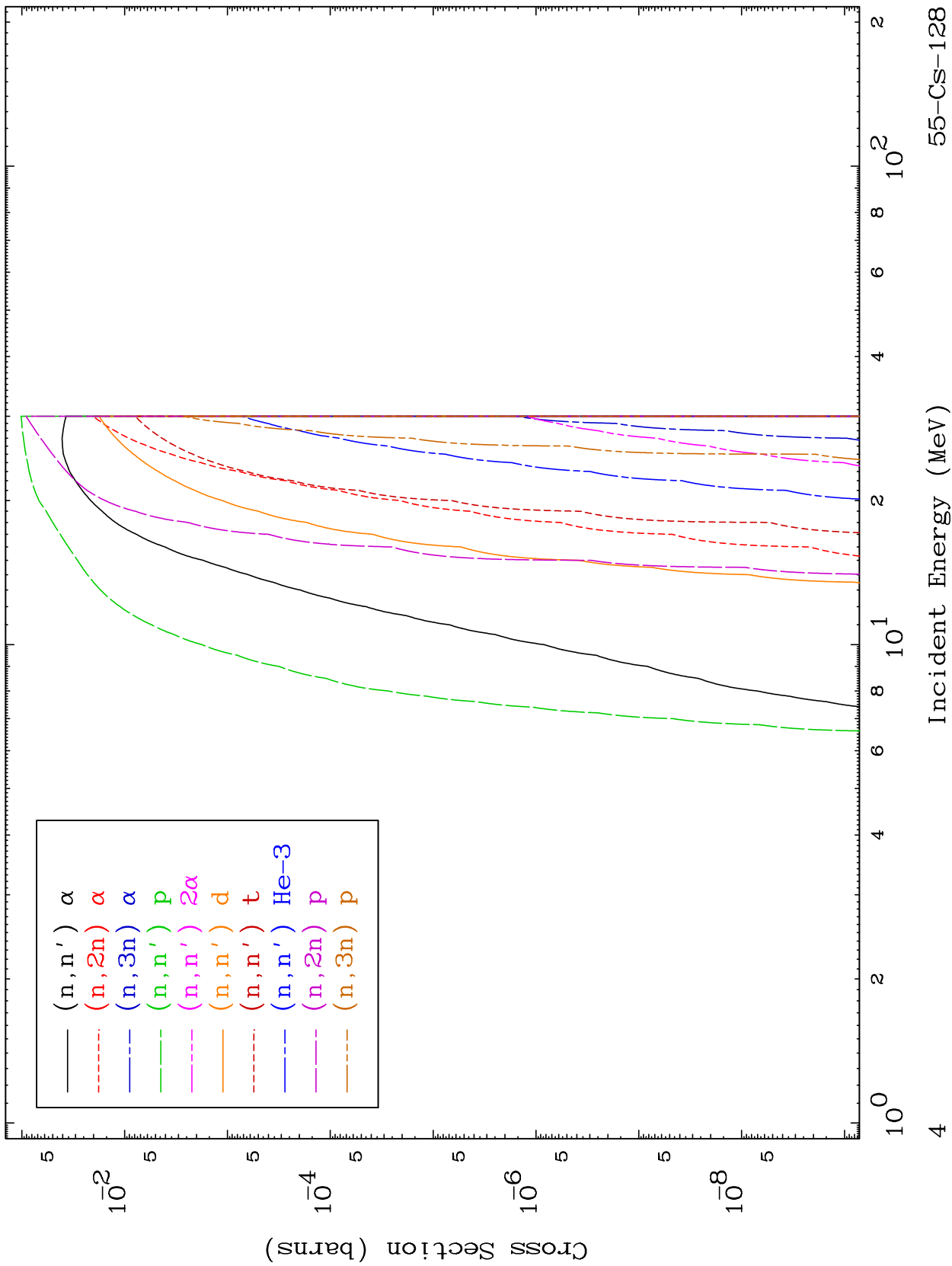
55-Cs-128

Incident Energy (MeV)

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128



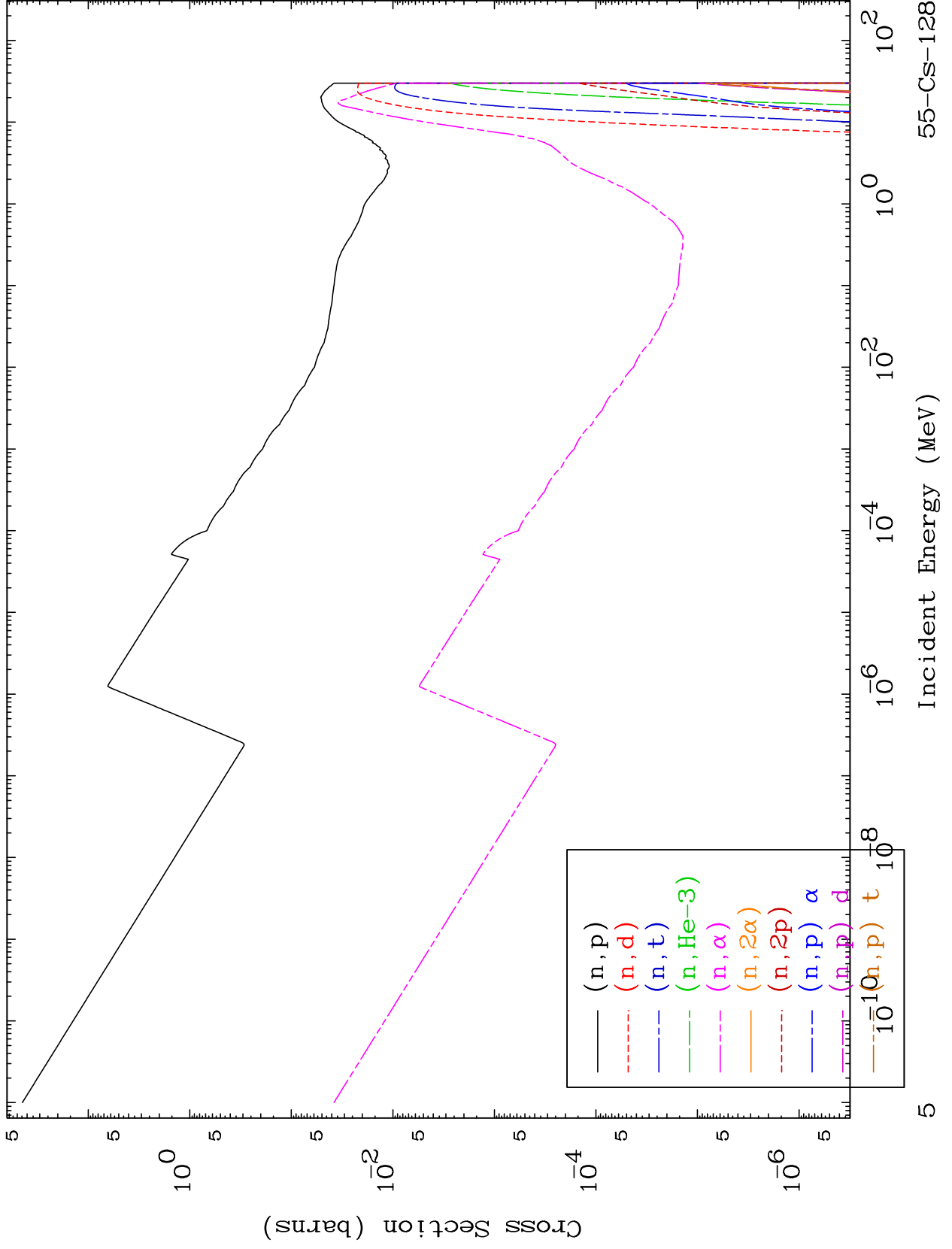
Incident Energy (MeV)

55-Cs-128

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128



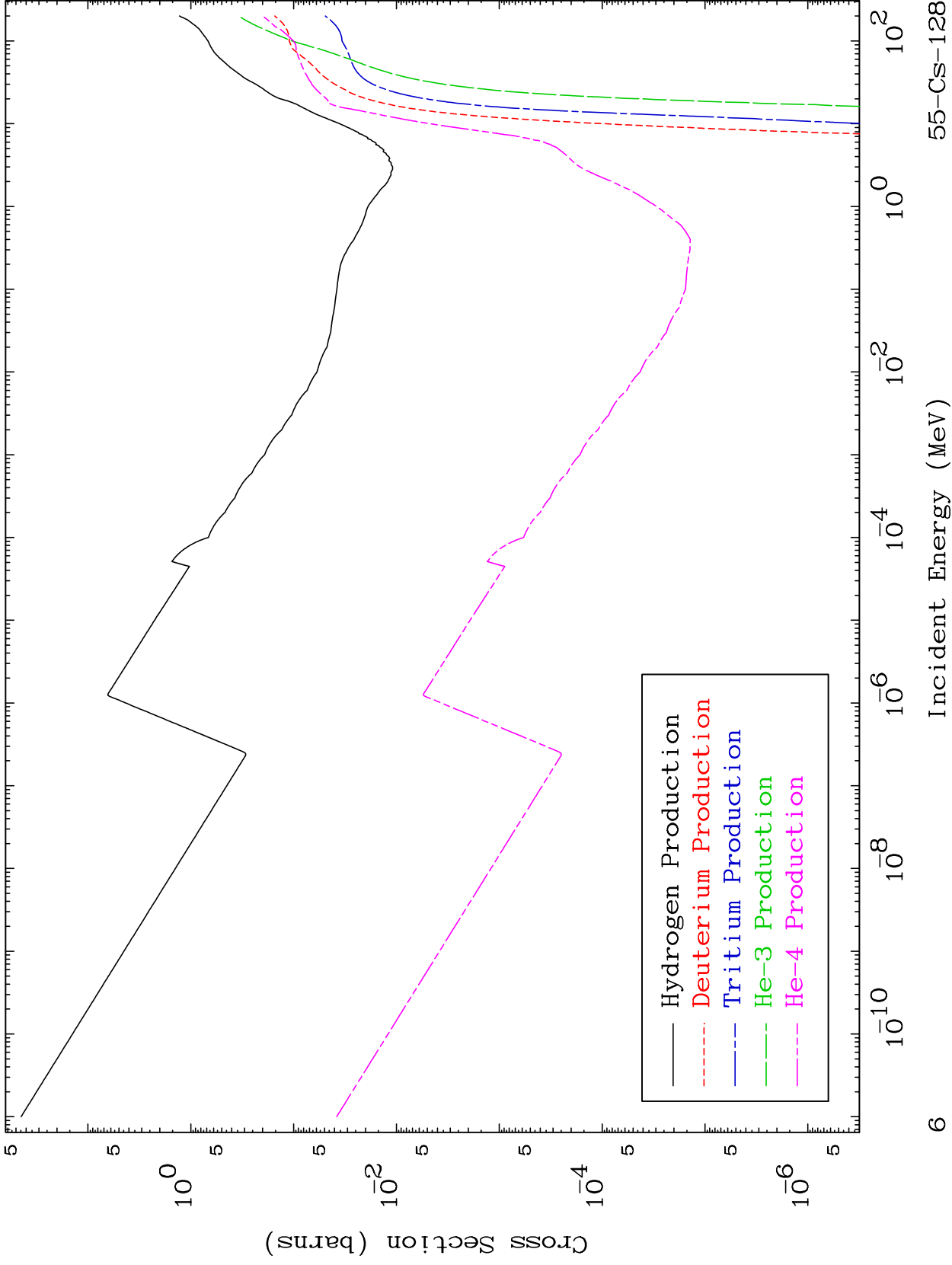
5

55-Cs-128

MAT 5510

Particle Production
293 Kelvin Cross Sections

55-Cs-128

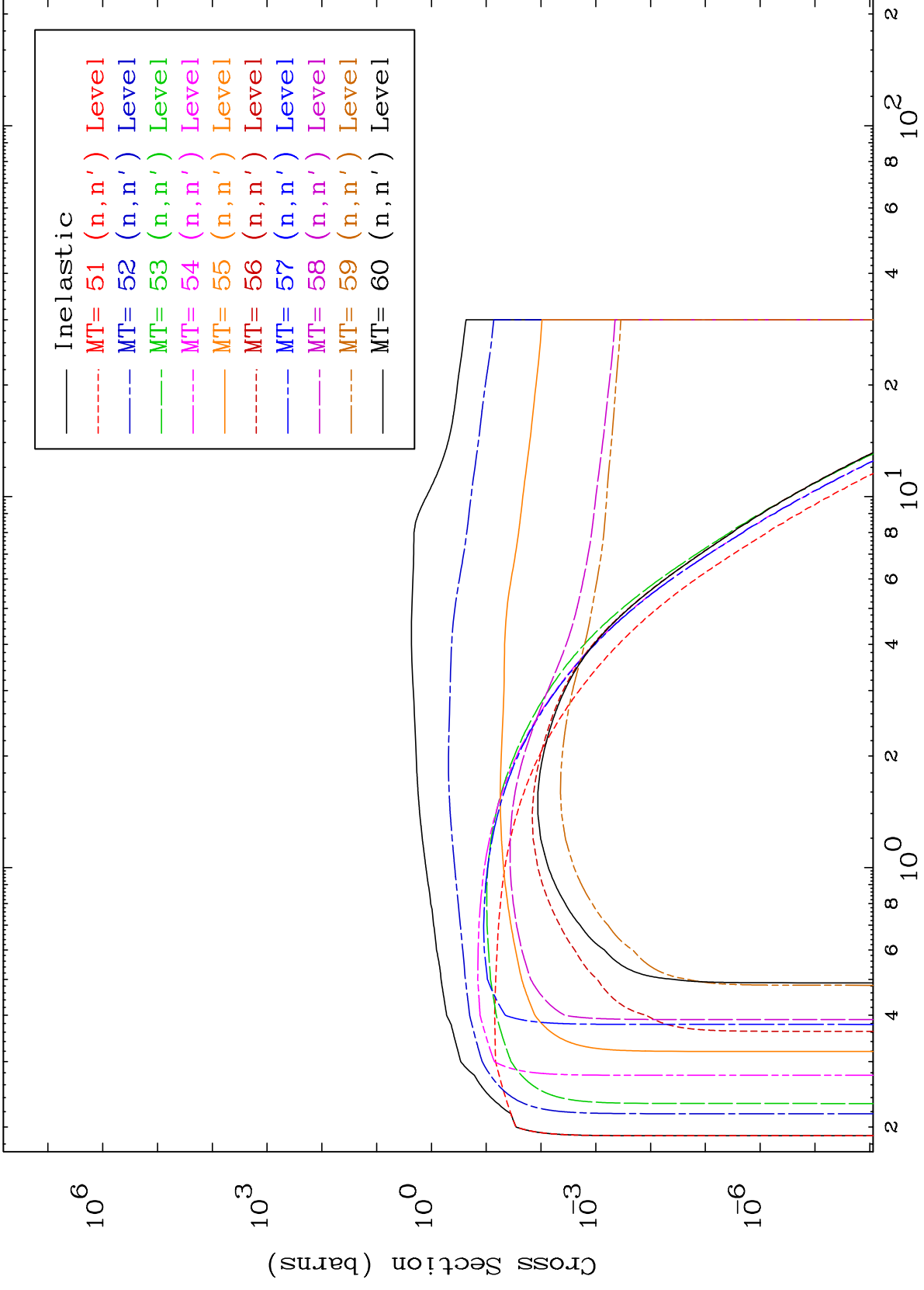


MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections

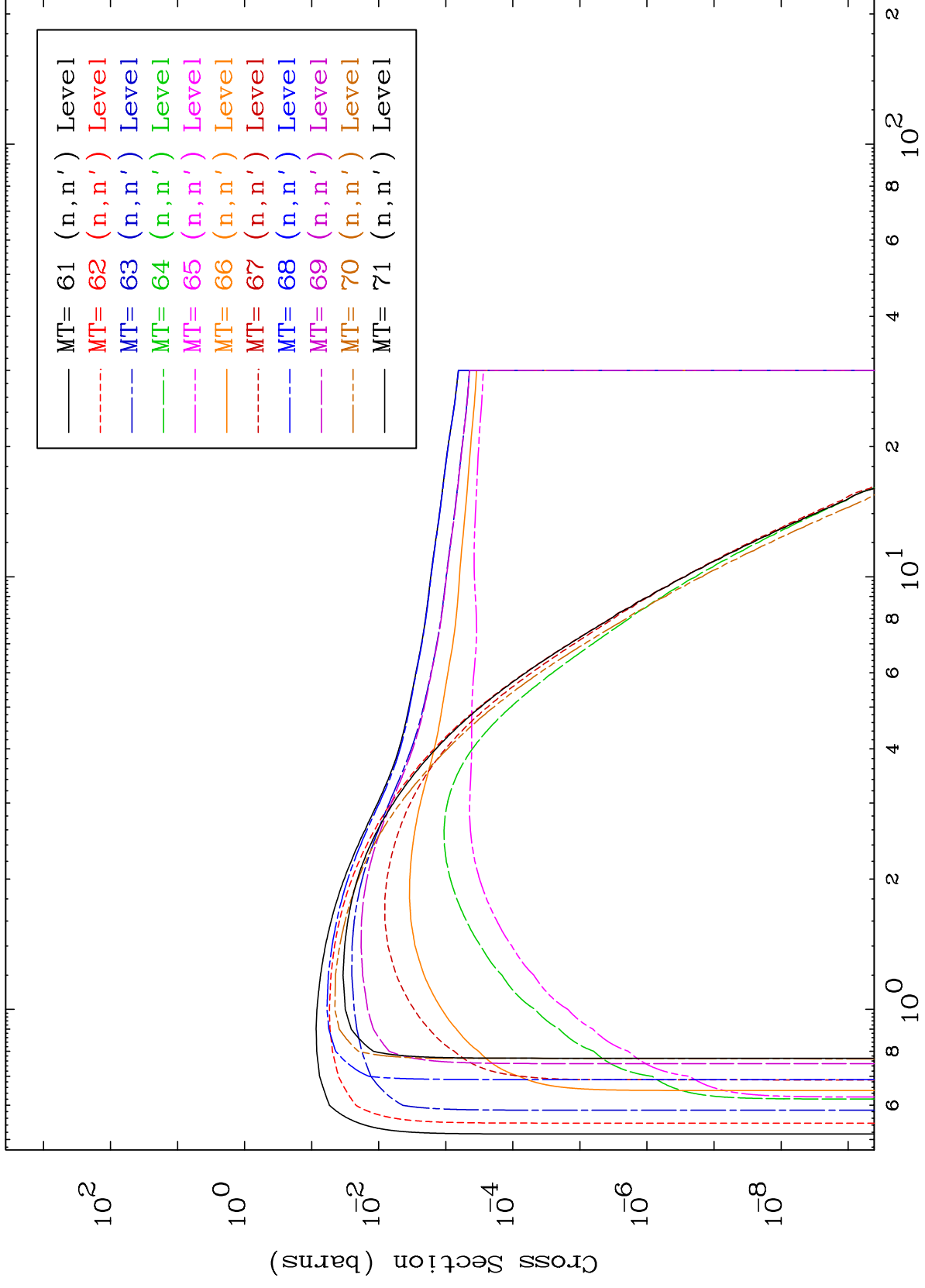


MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections



8

Incident Energy (MeV)

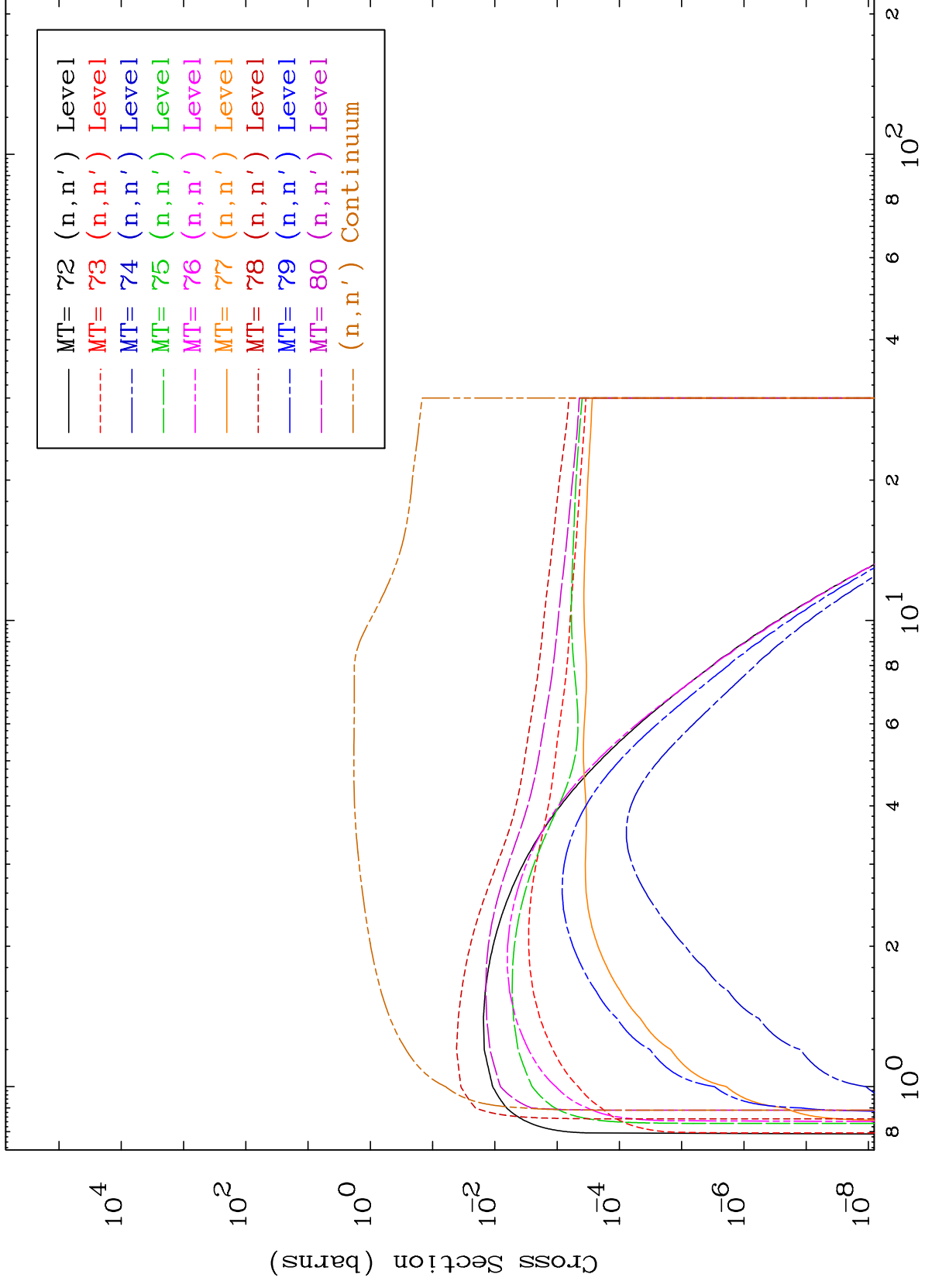
55-Cs-128

MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections



9

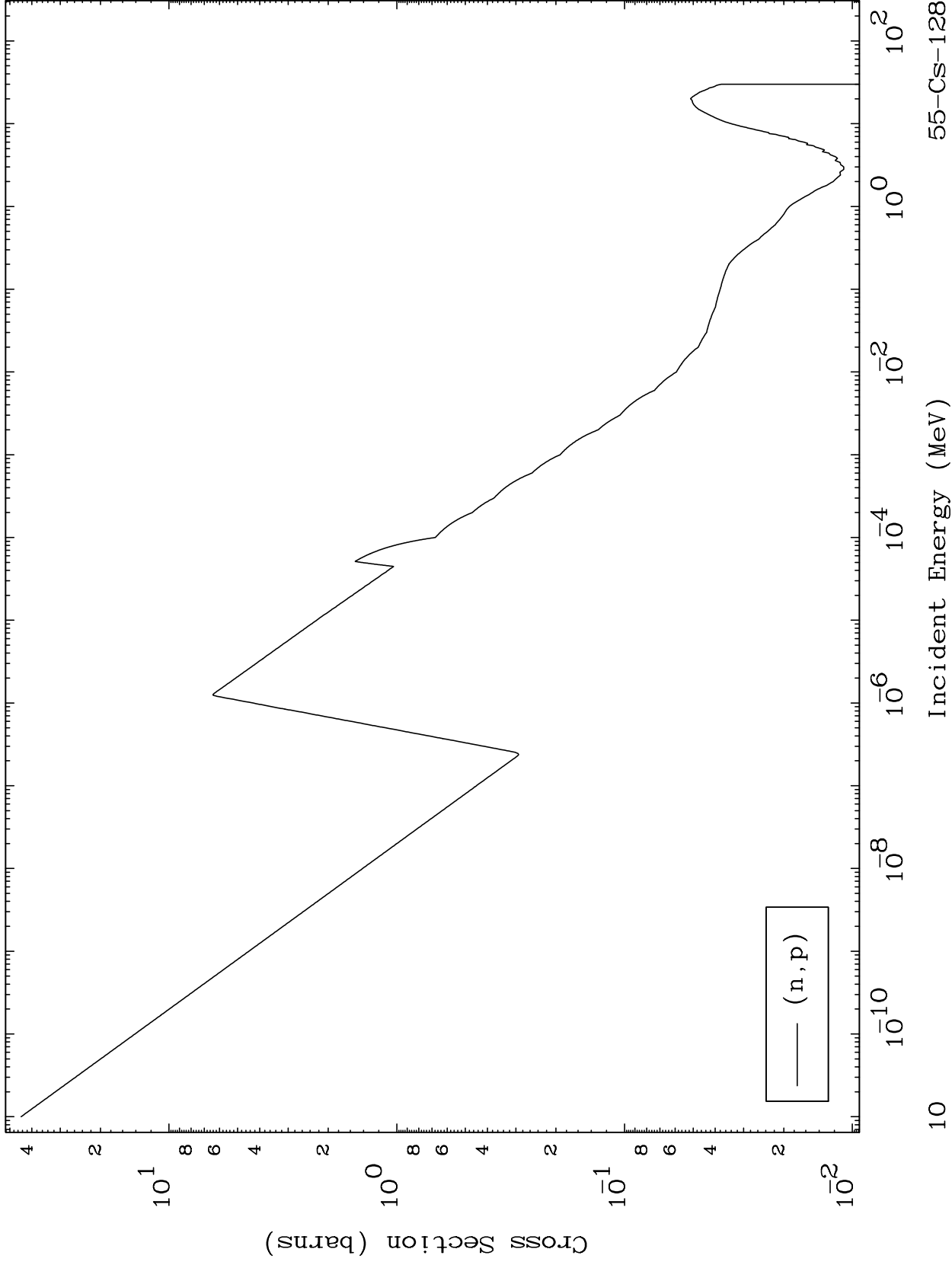
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,p) Levels
293 Kelvin Cross Sections

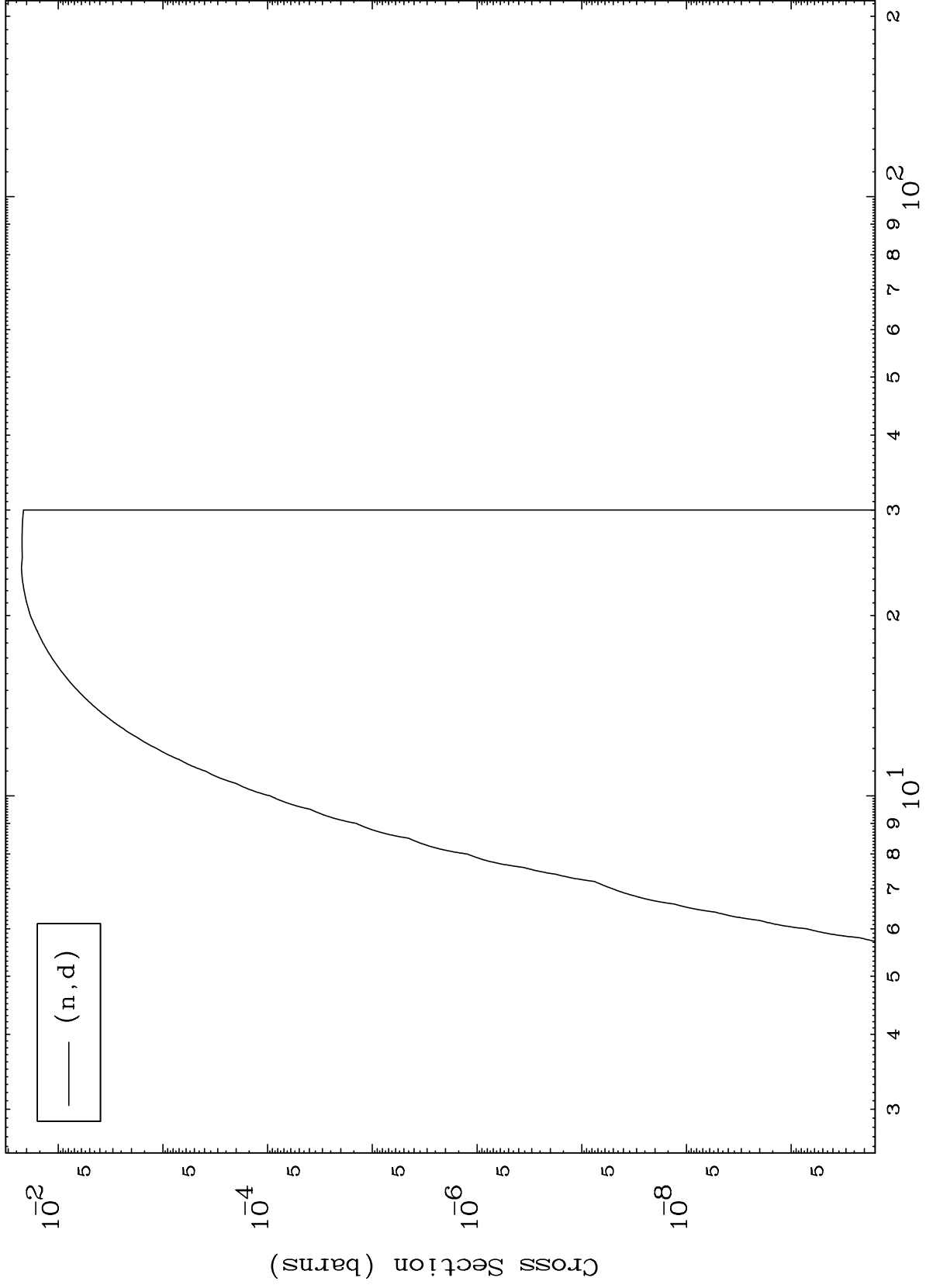
55-Cs-128



MAT 5510

(n,d) Levels
293 Kelvin Cross Sections

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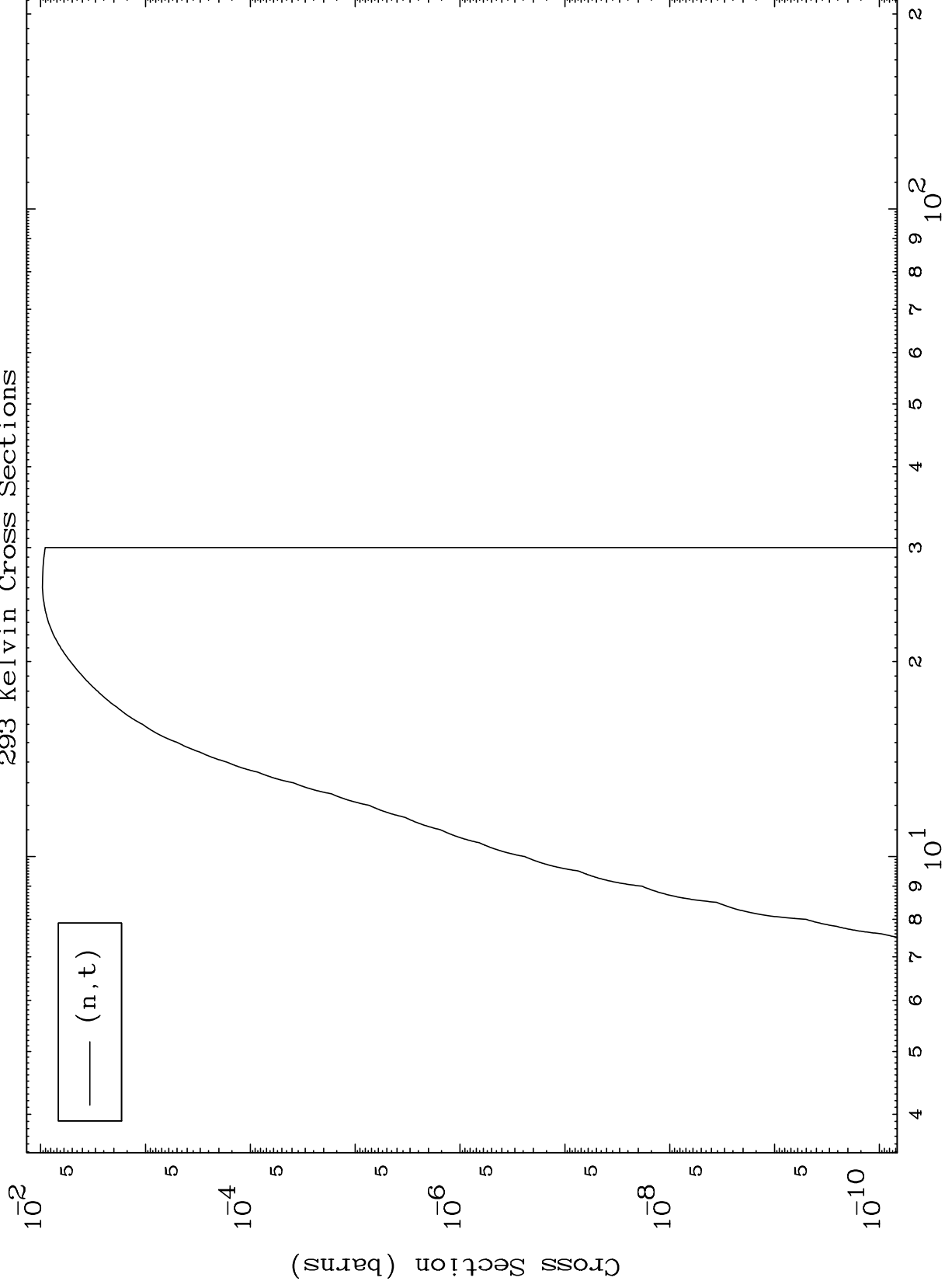


(n,d)

MAT 5510

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-128



12

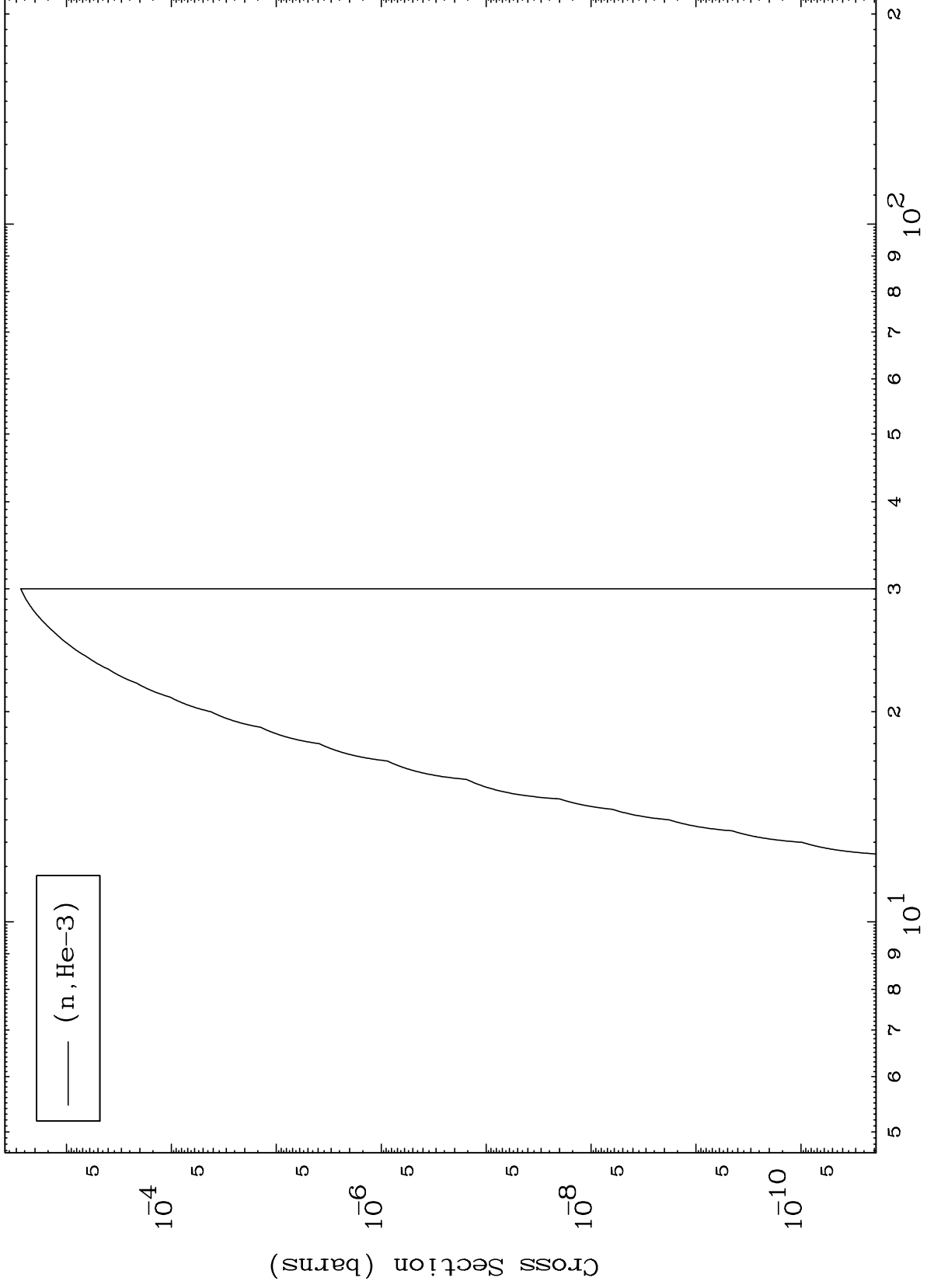
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-128



13

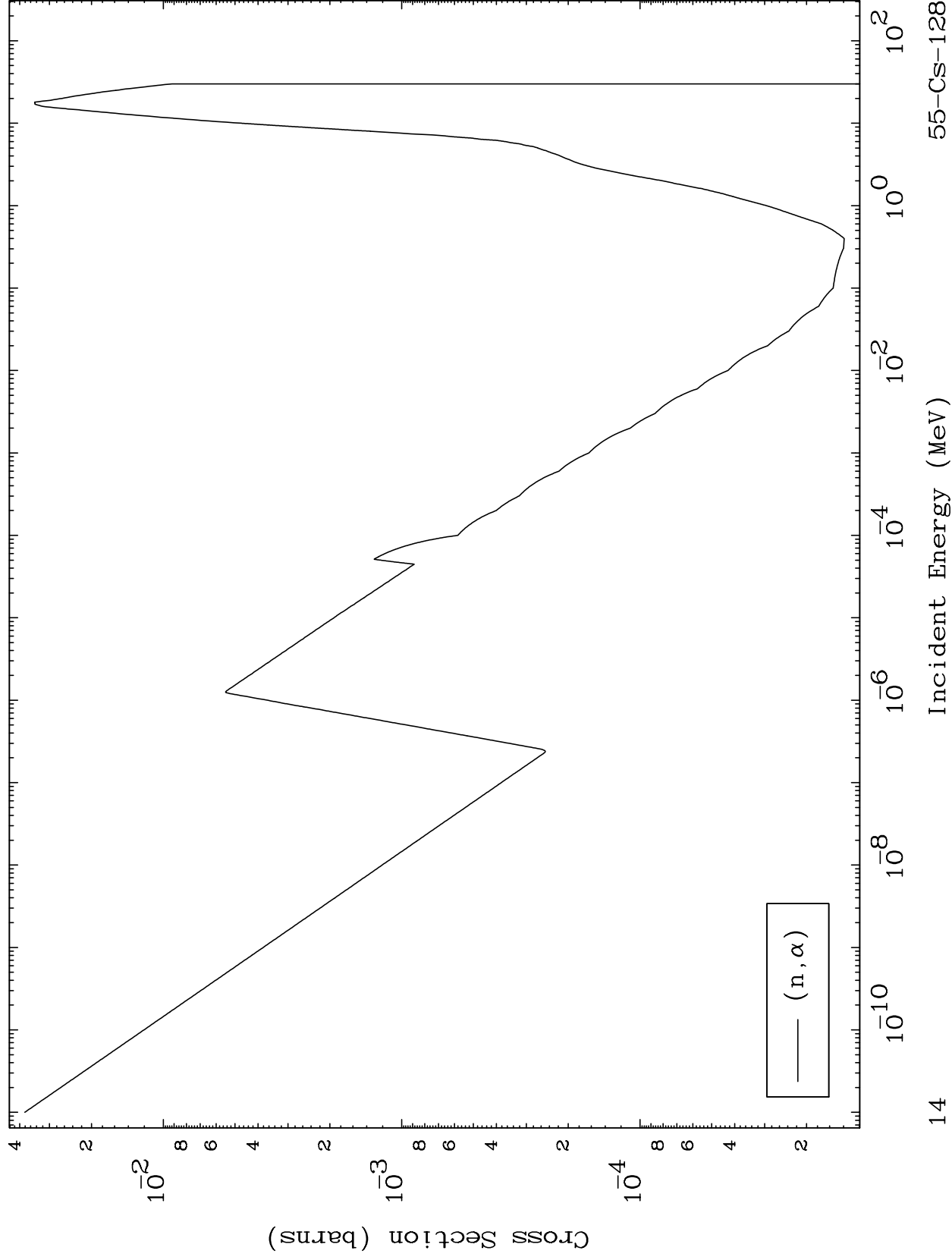
Incident Energy (MeV)

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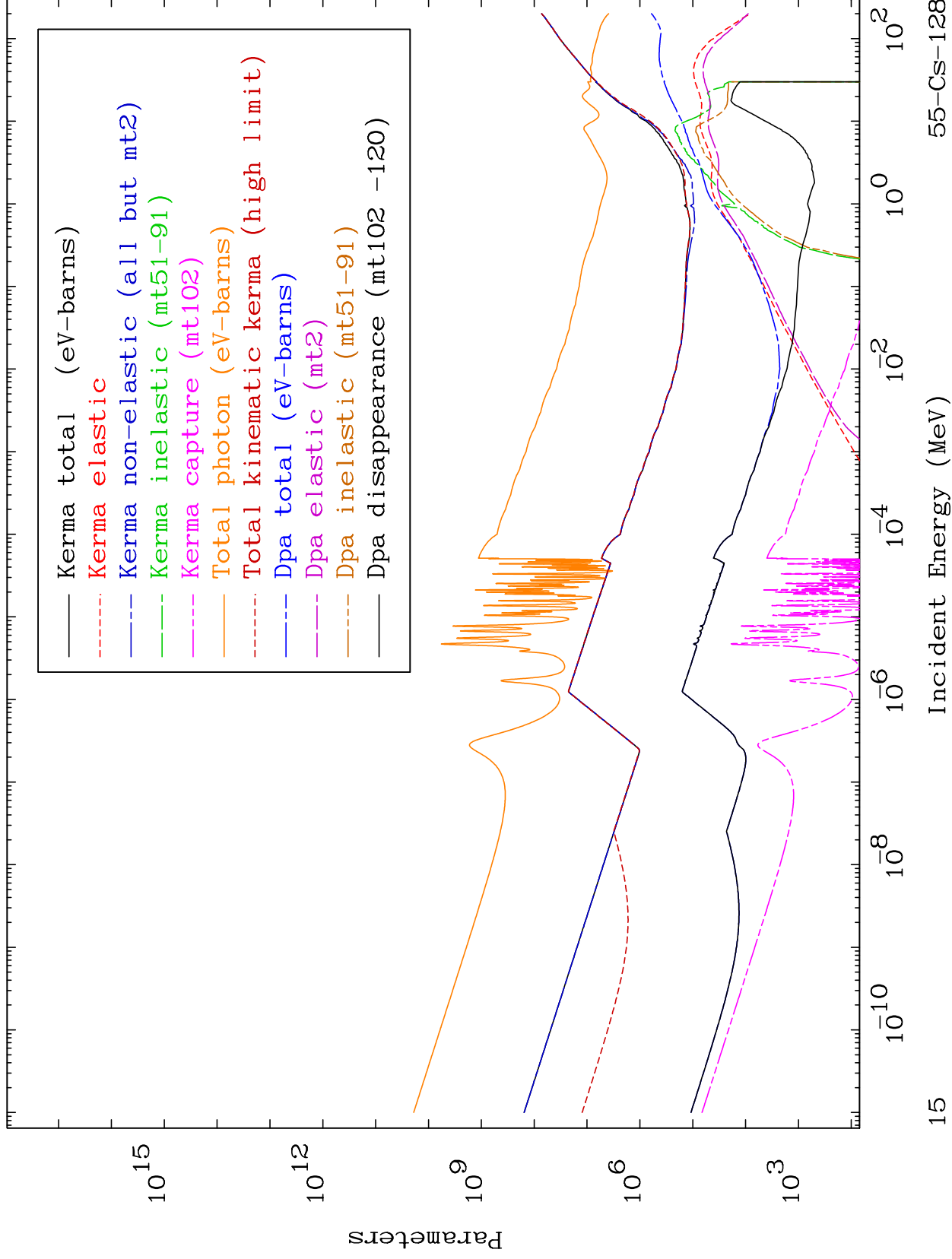
MAT 5510

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-128



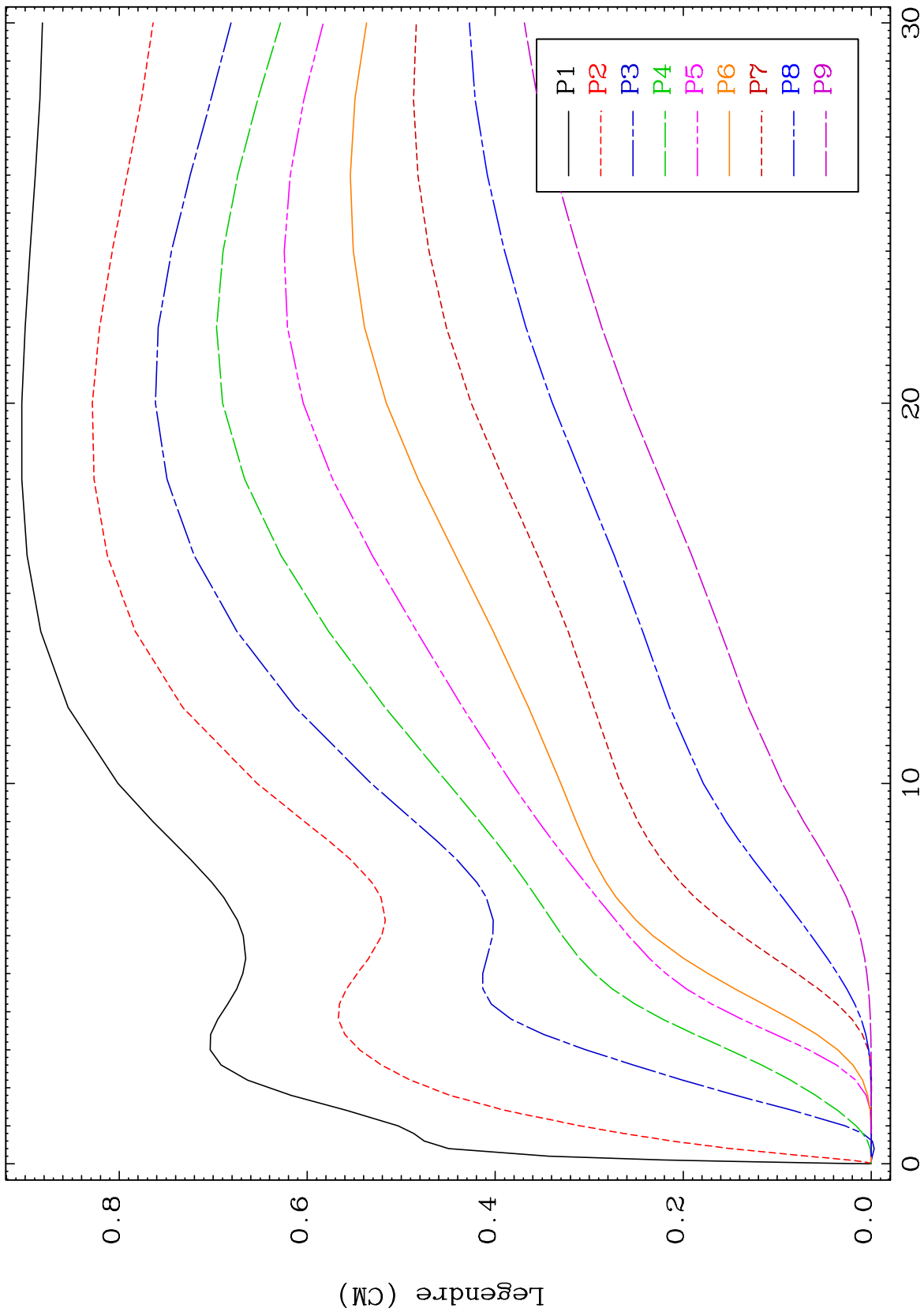
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MAT 5510

55-Cs-128

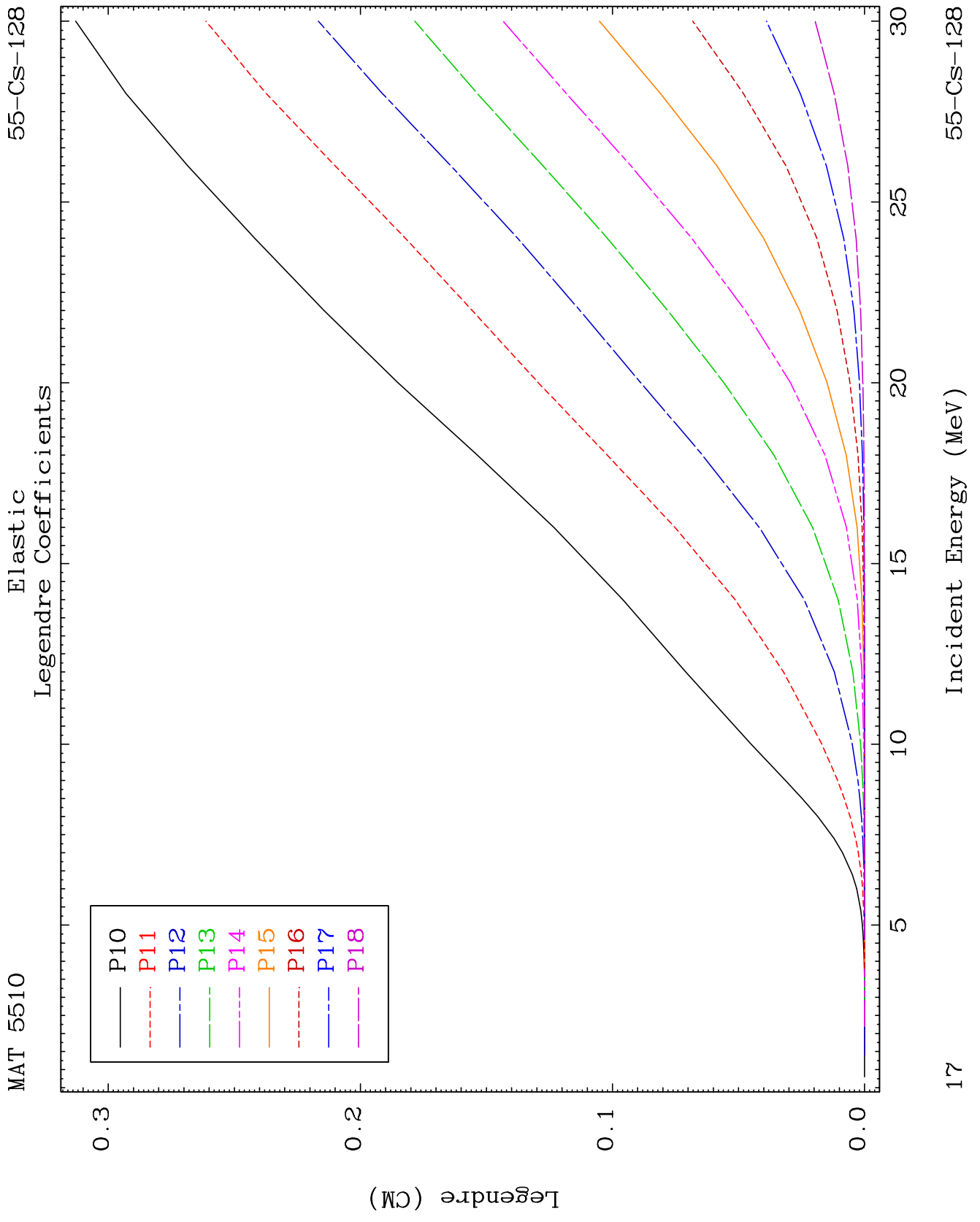
Elastic Legendre Coefficients



55-Cs-128

Incident Energy (MeV)

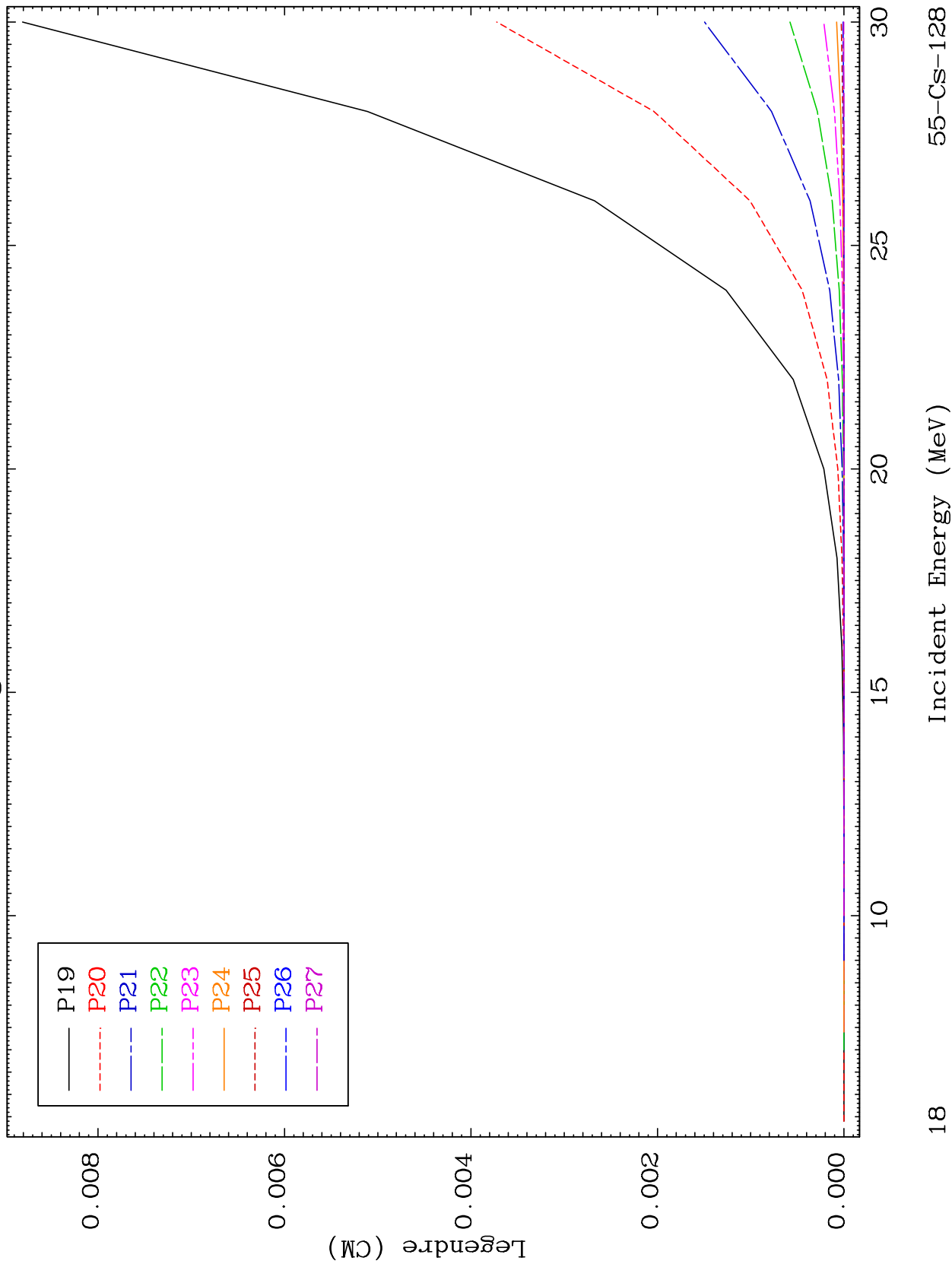
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MAT 5510

Elastic Legendre Coefficients

55-Cs-128



18

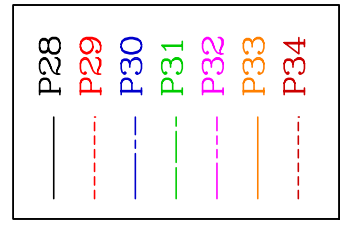
Incident Energy (MeV)

55-Cs-128

MAT 5510

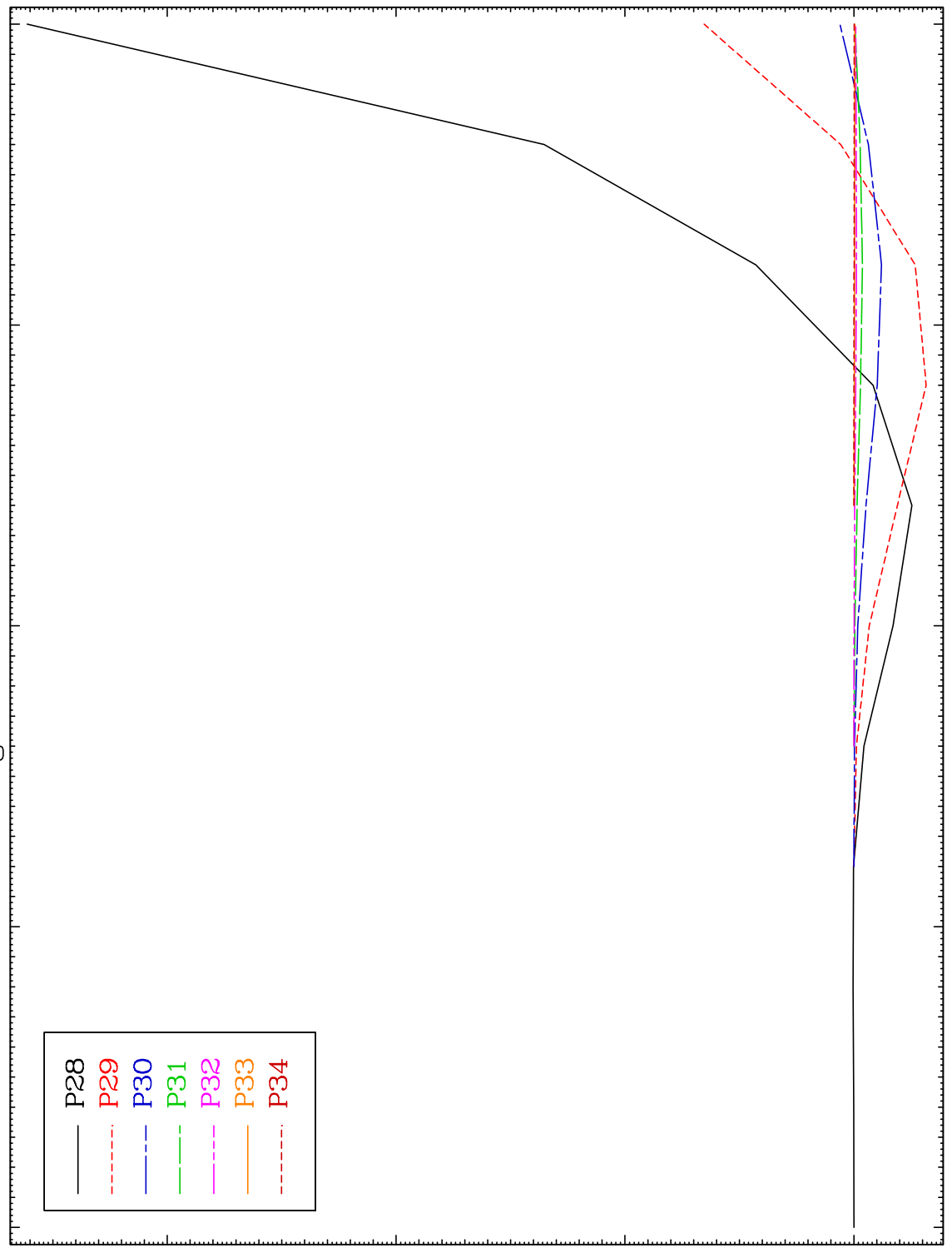
Elastic Legendre Coefficients

55-Cs-128



$\times 10^{-7}$

Legendre (CM)



10

15

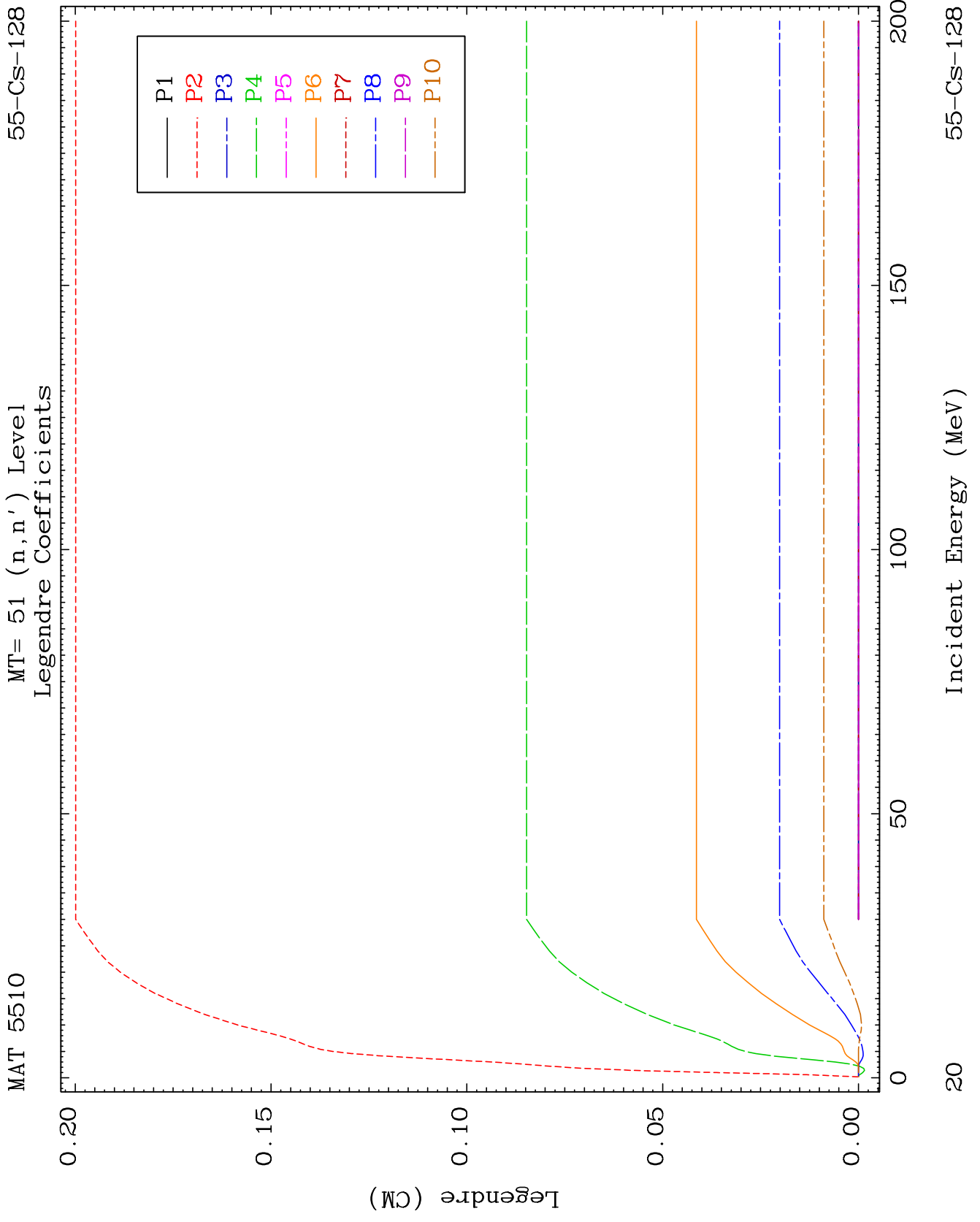
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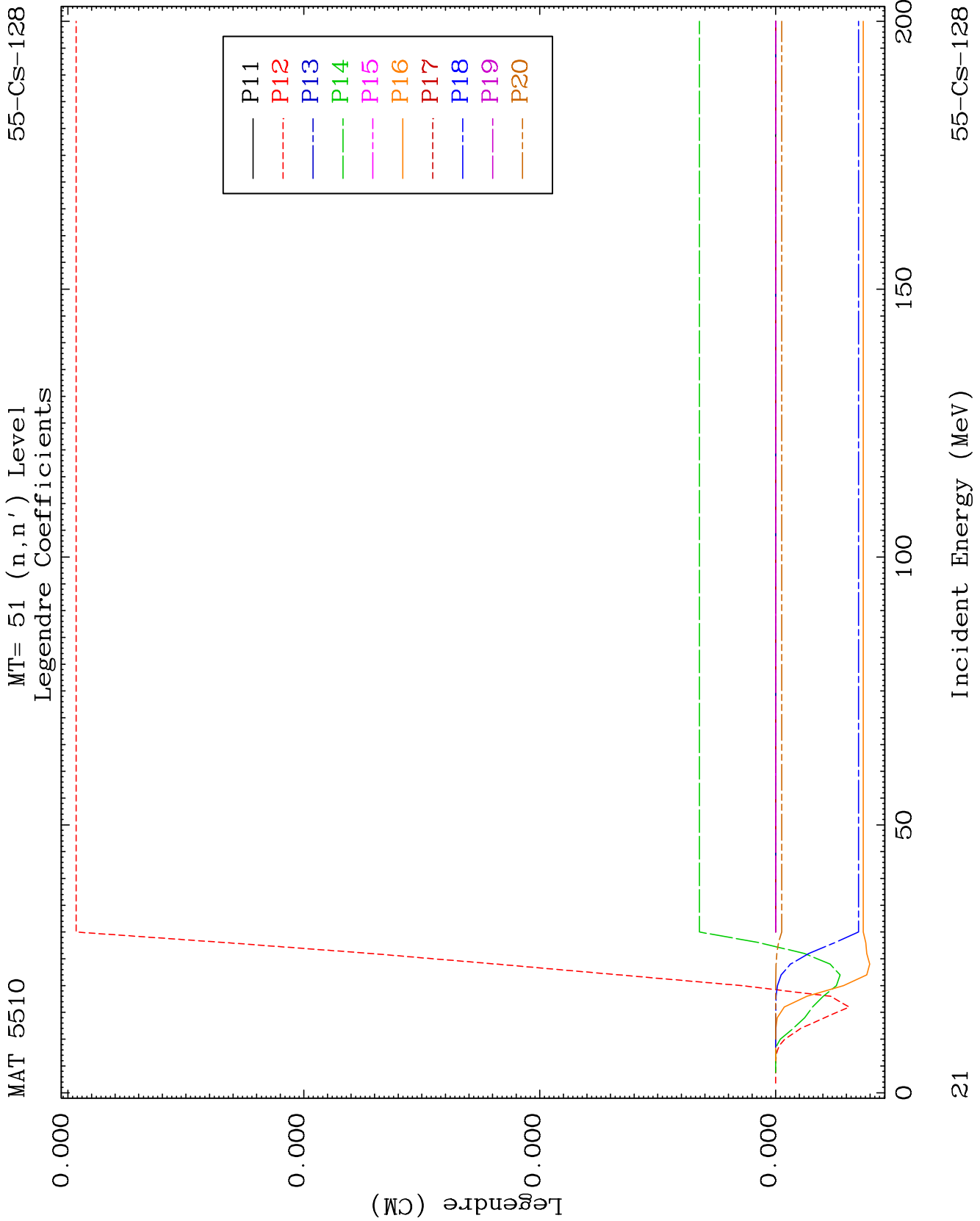
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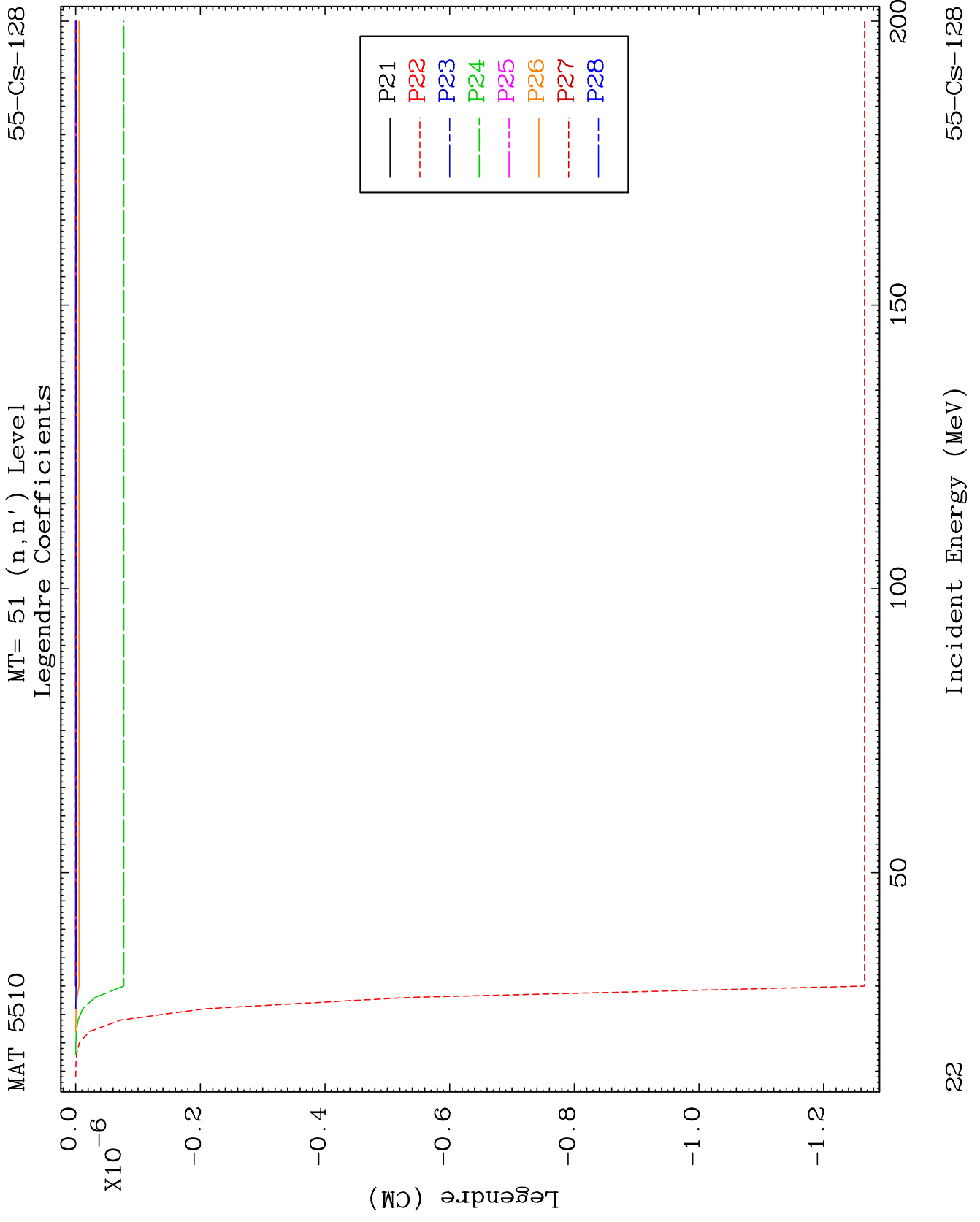
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Incident Energy (MeV)

55-Cs-128



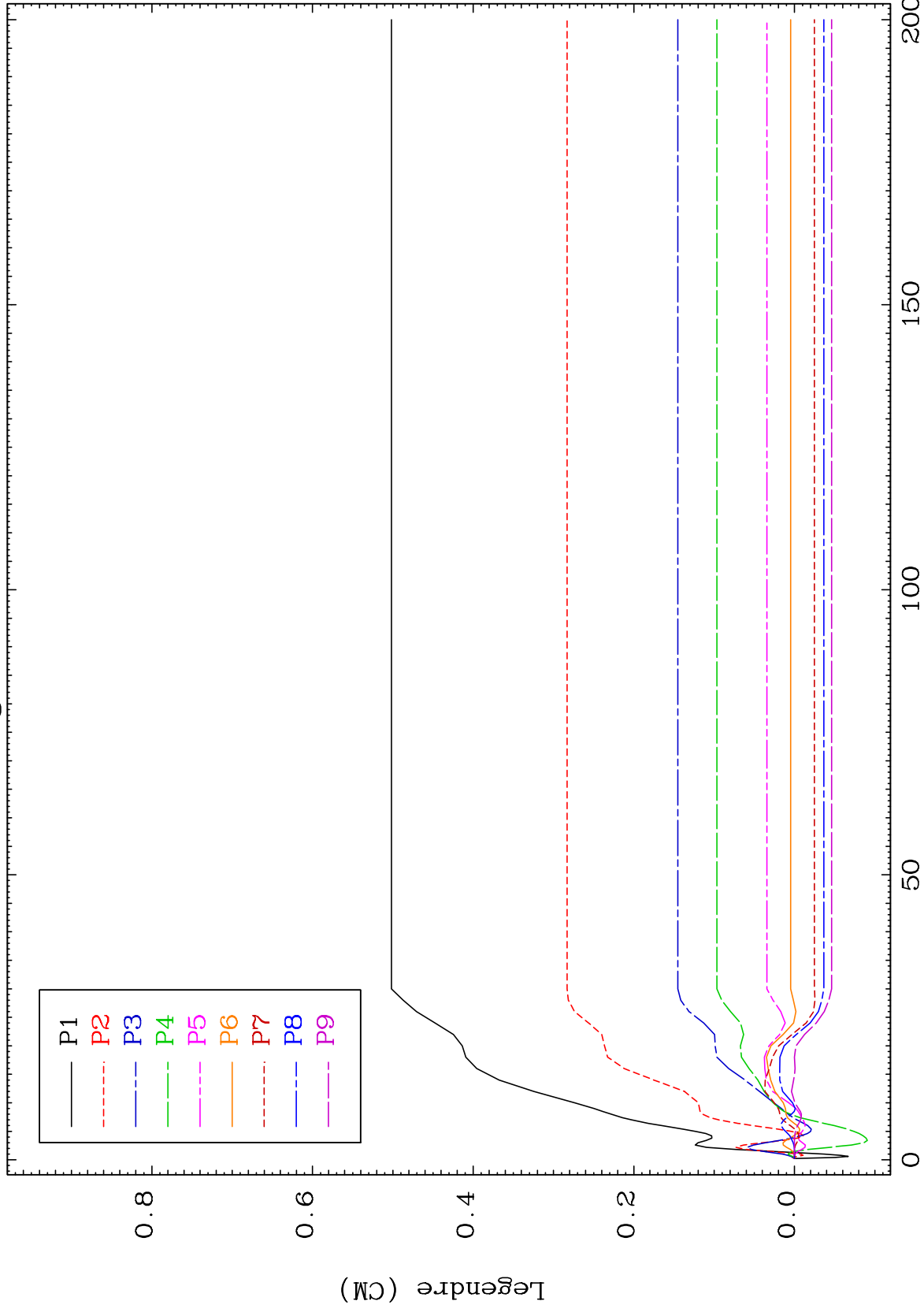




MAT 5510

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

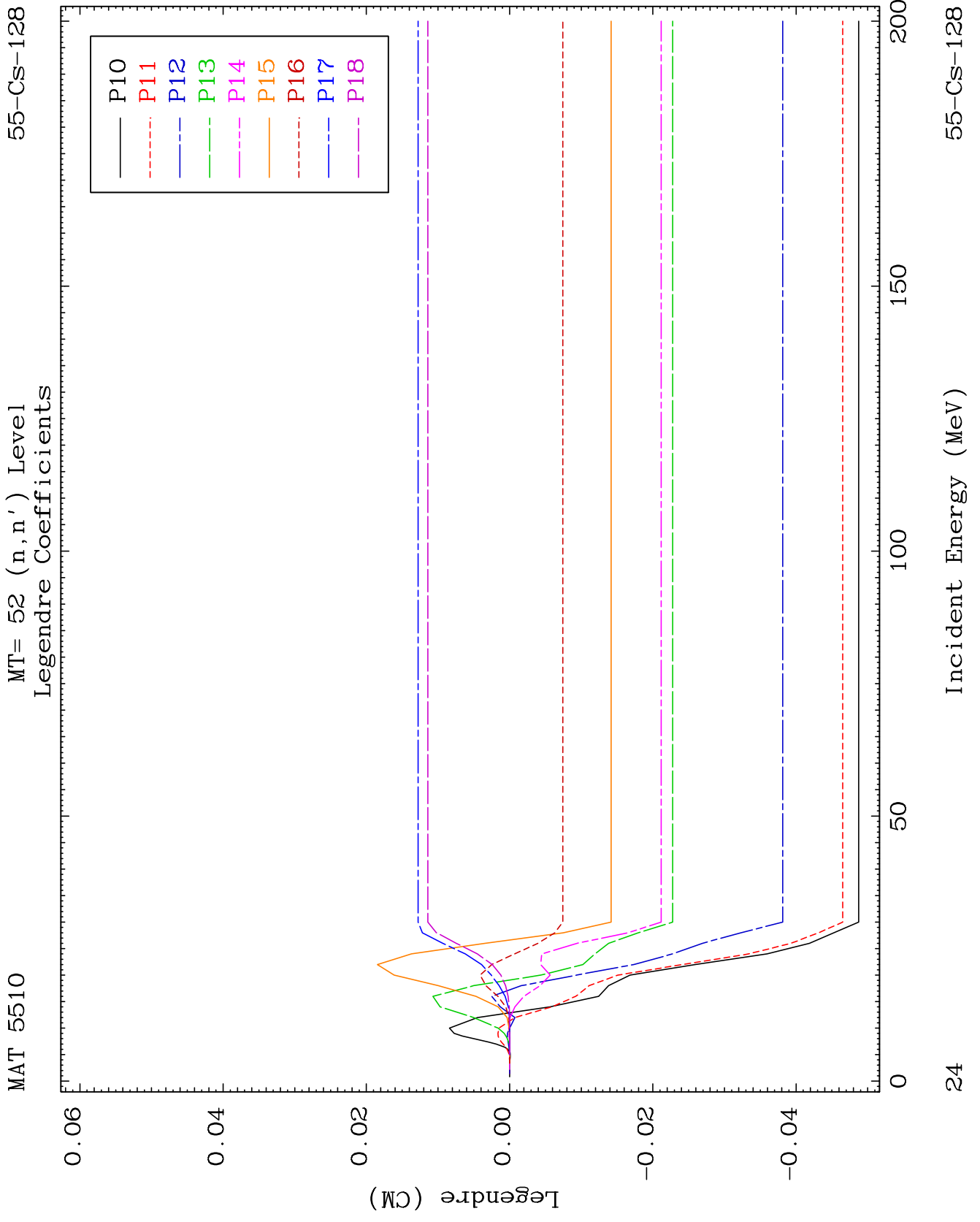
55-Cs-128

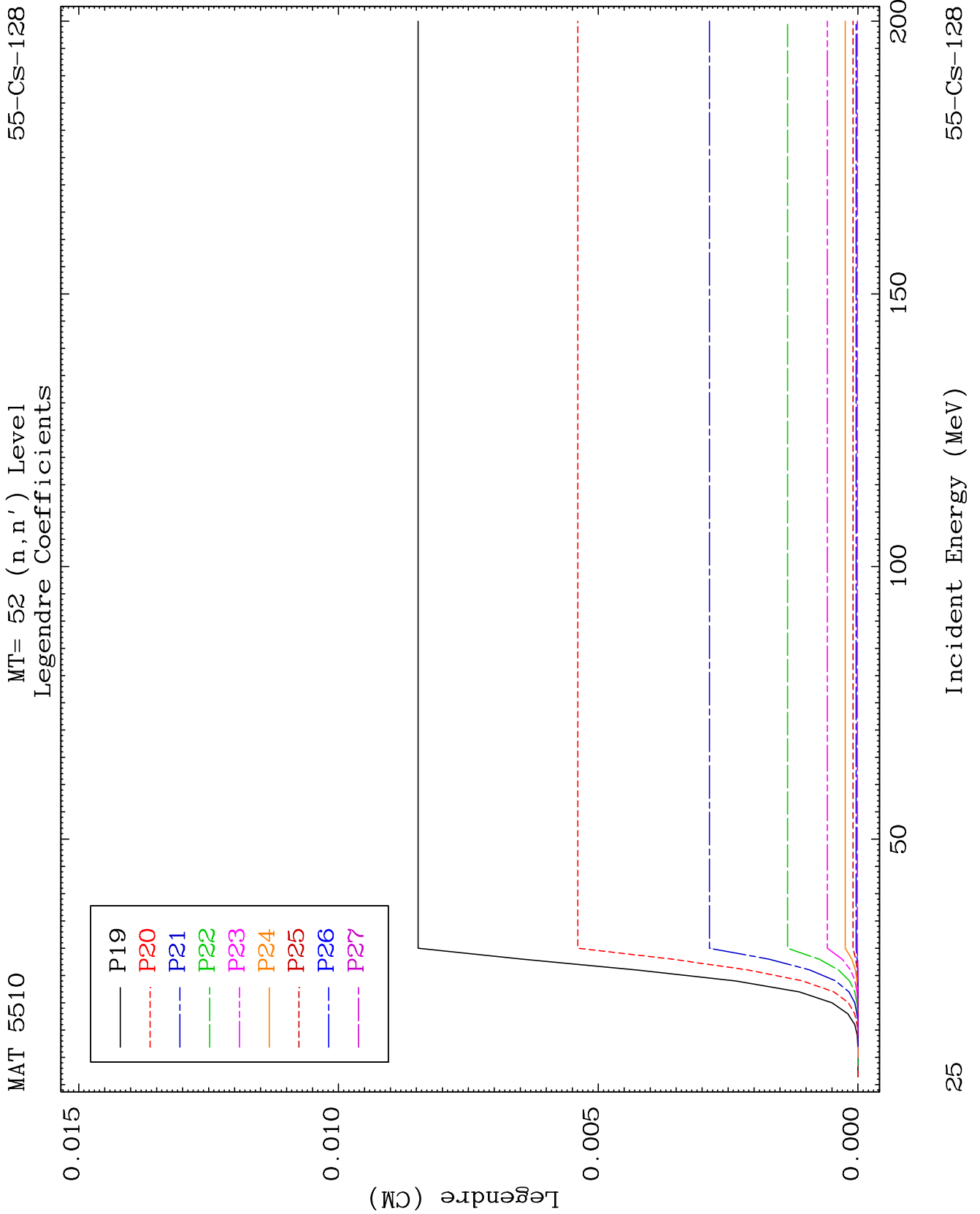


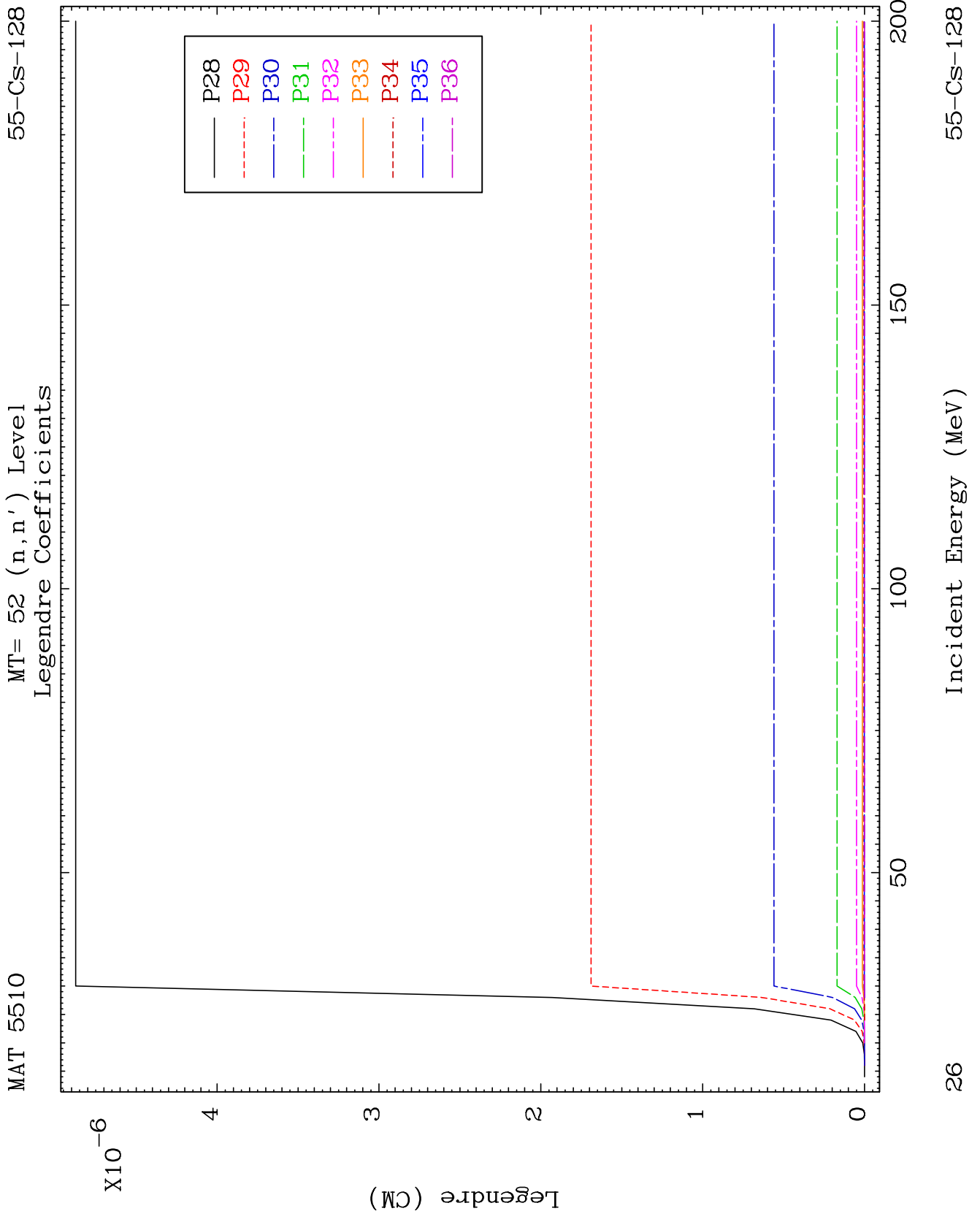
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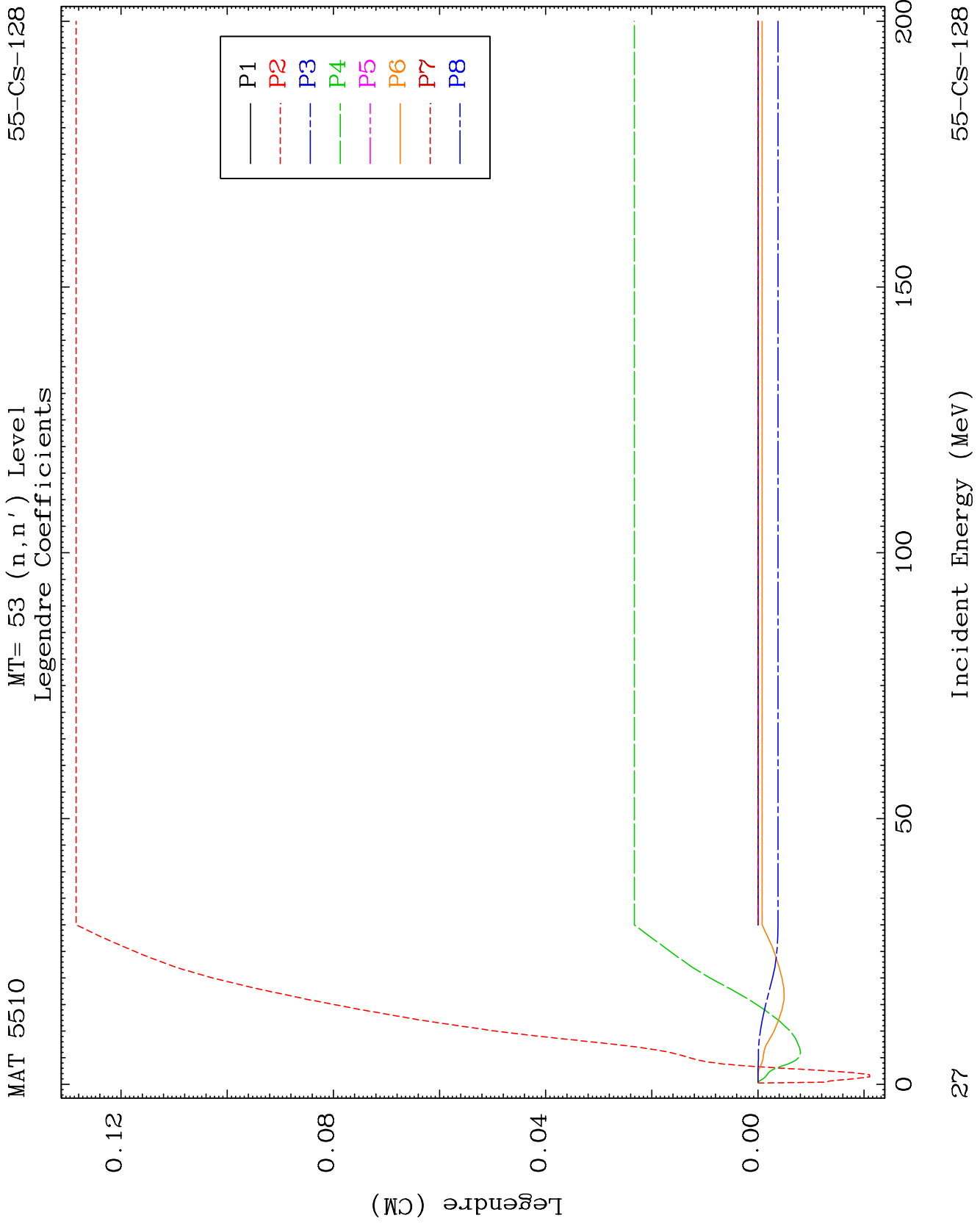
Incident Energy (MeV)

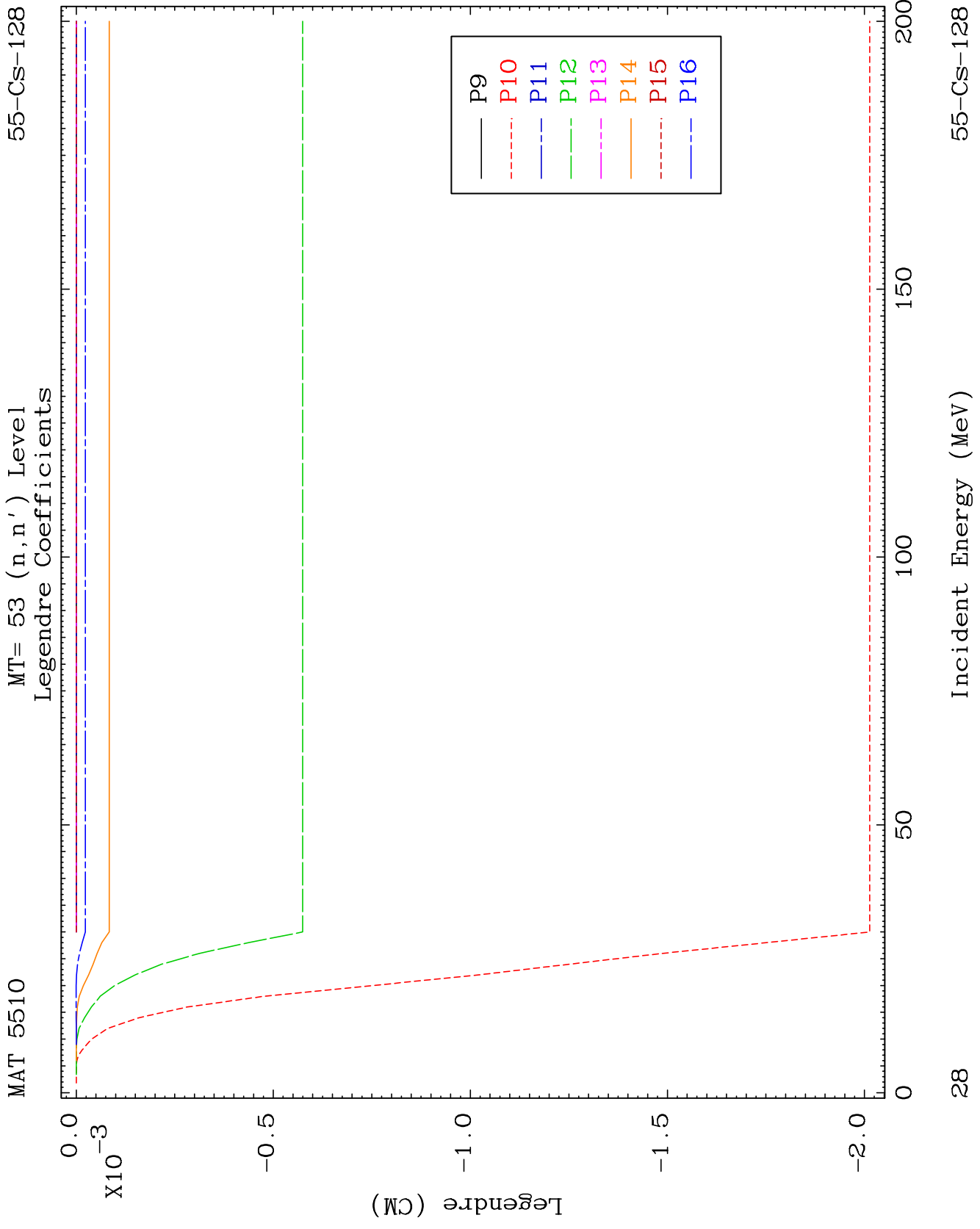
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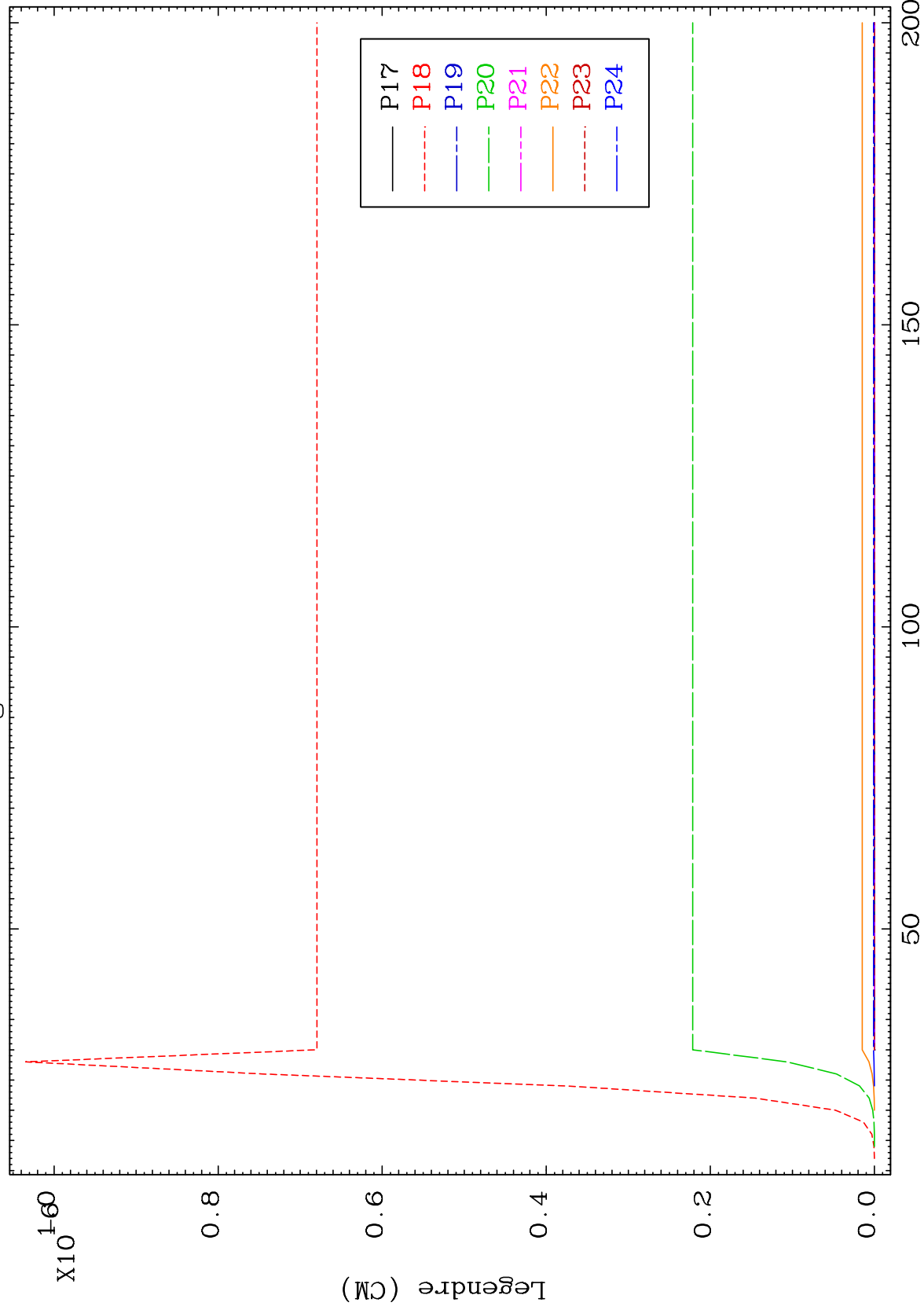


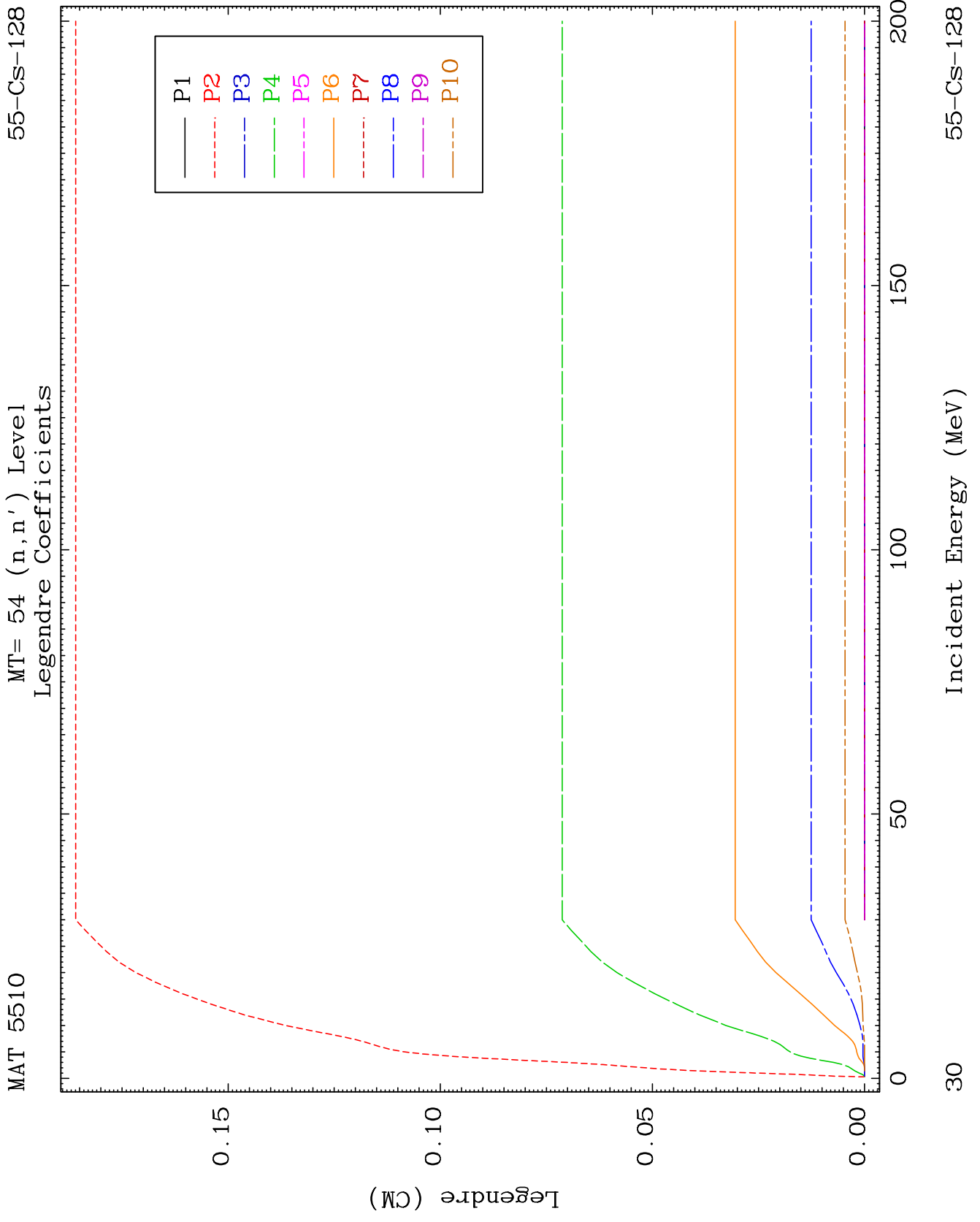








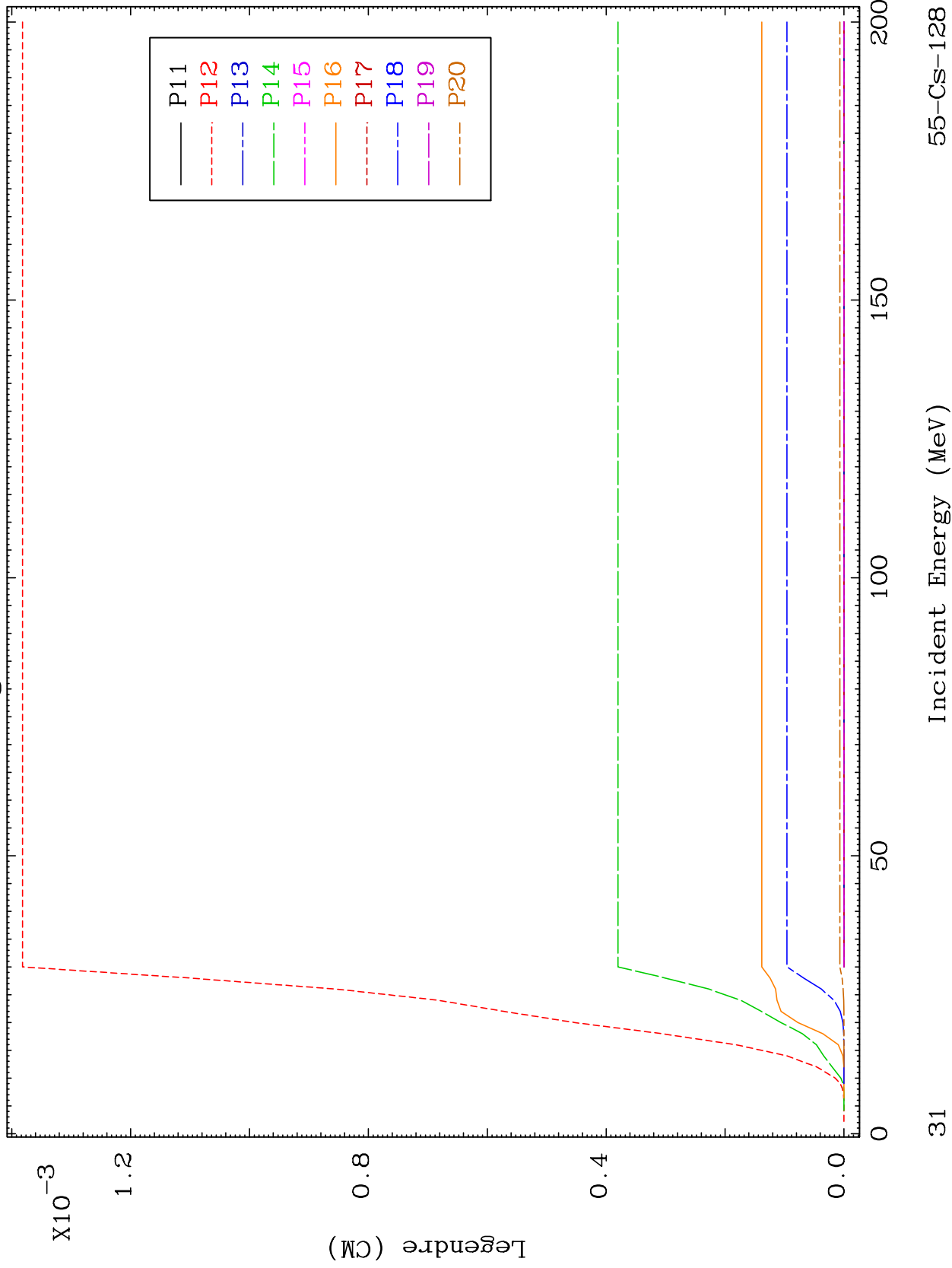




MAT 5510

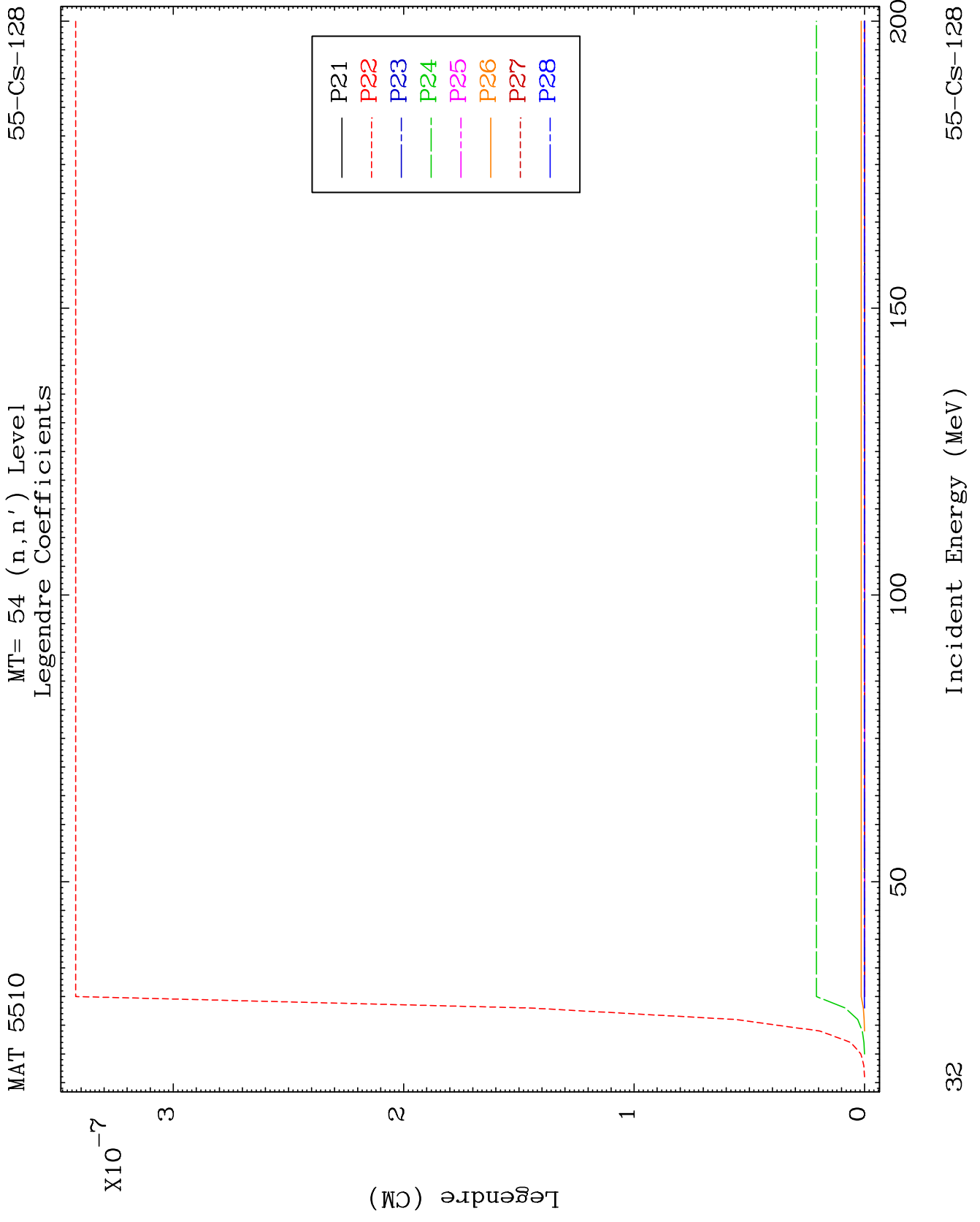
MT= 54 (n,n') Level
Legendre Coefficients

55-Cs-128



31

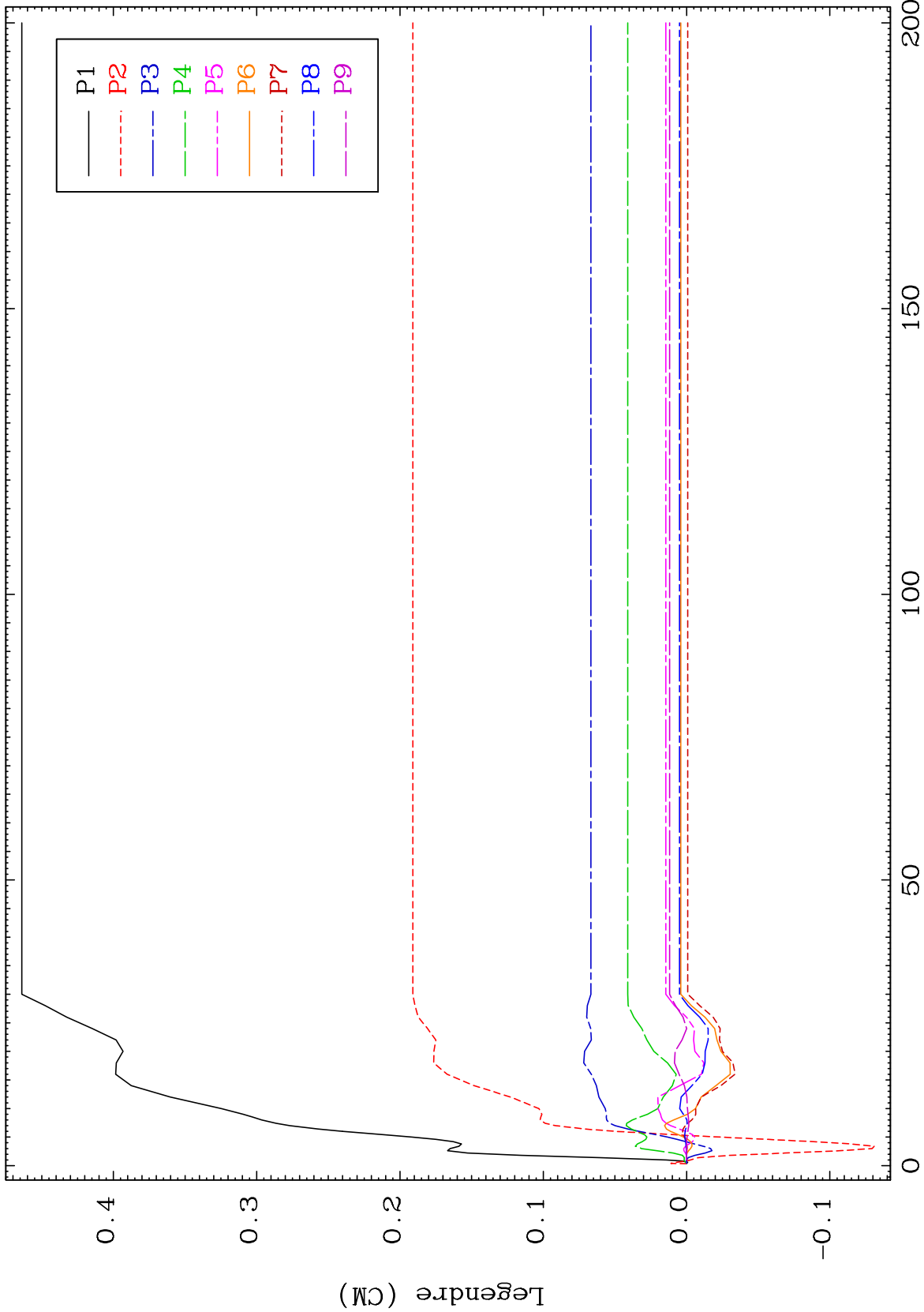
55-Cs-128



MAT 5510

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

55-Cs-128



33

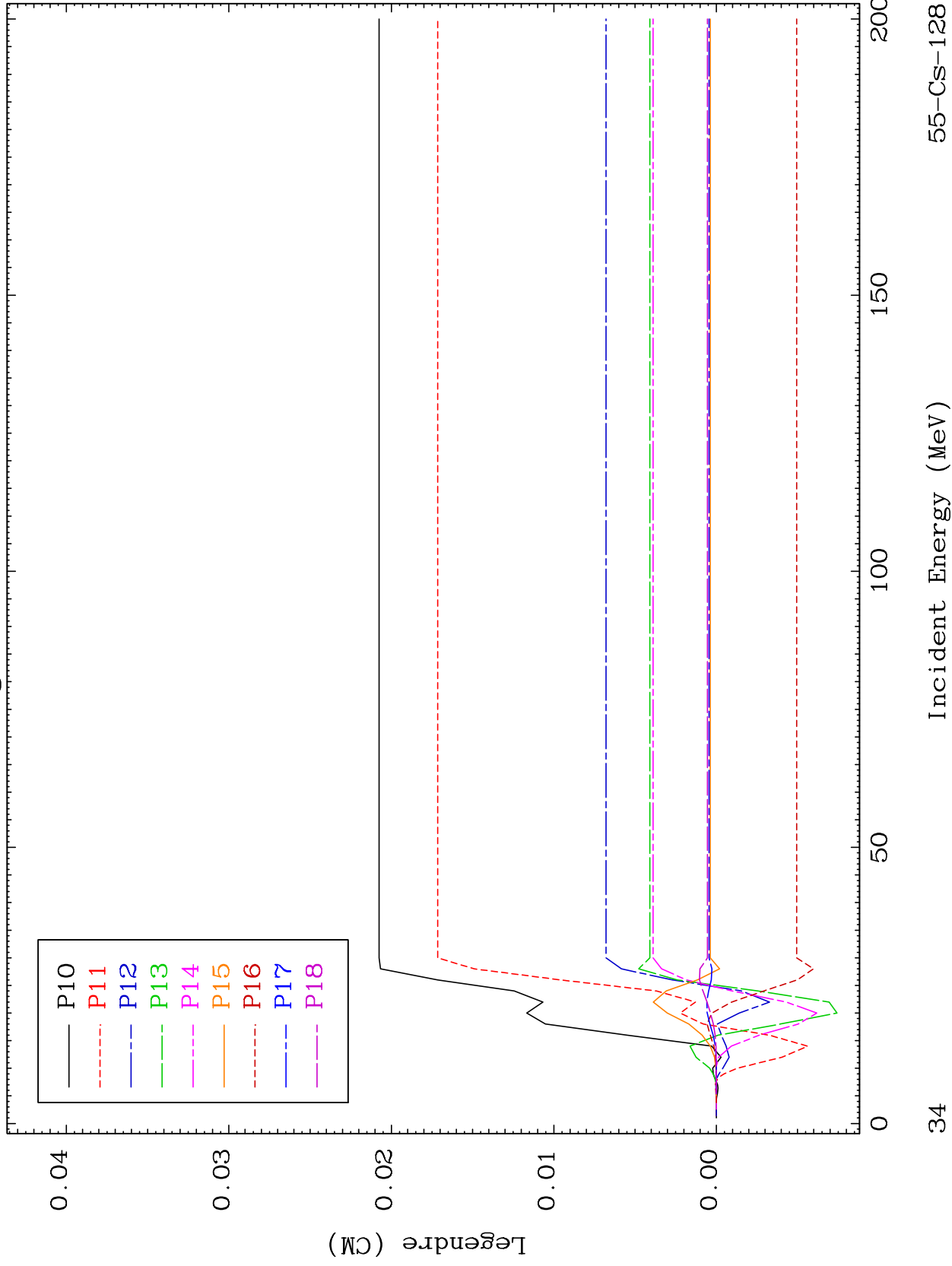
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

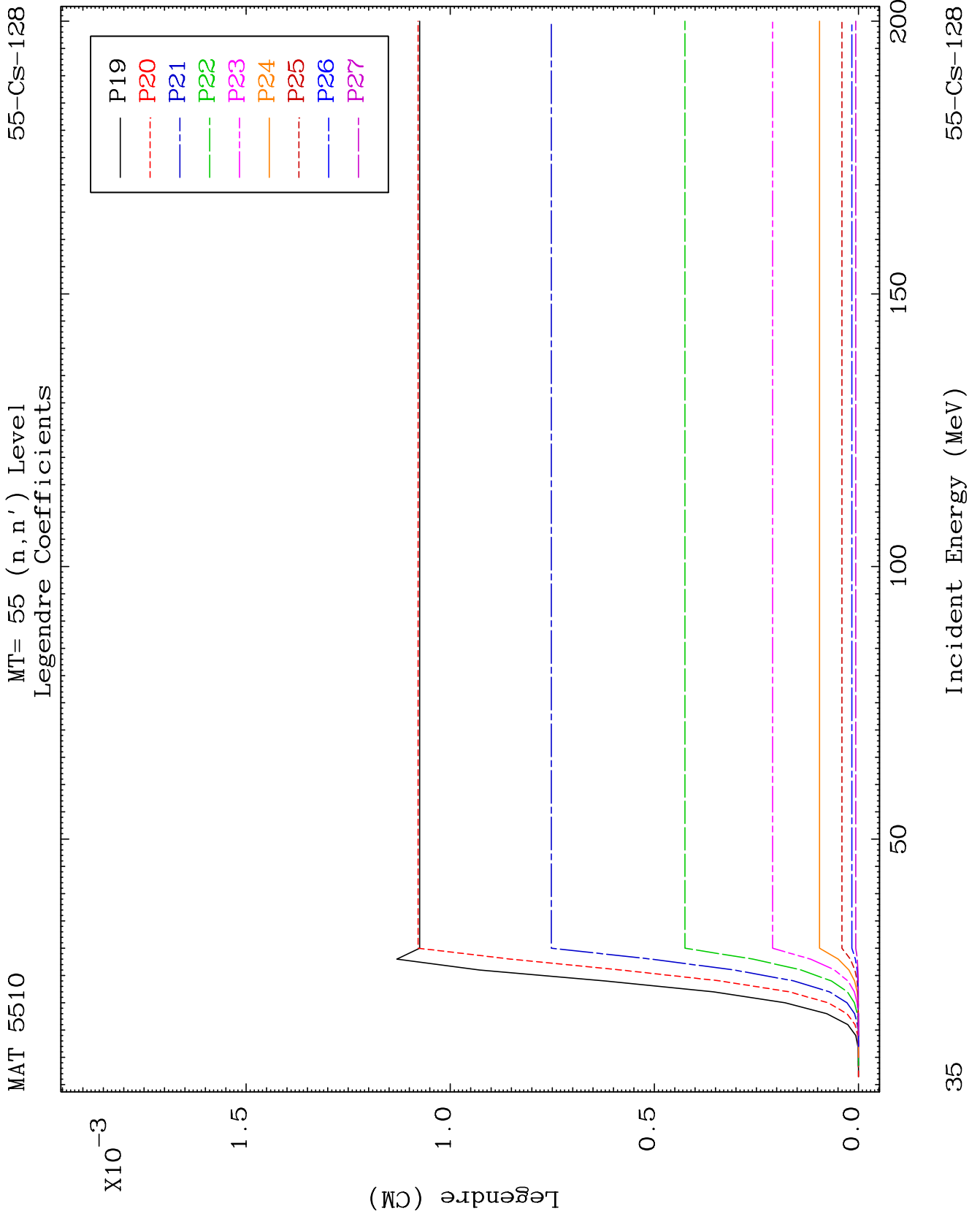
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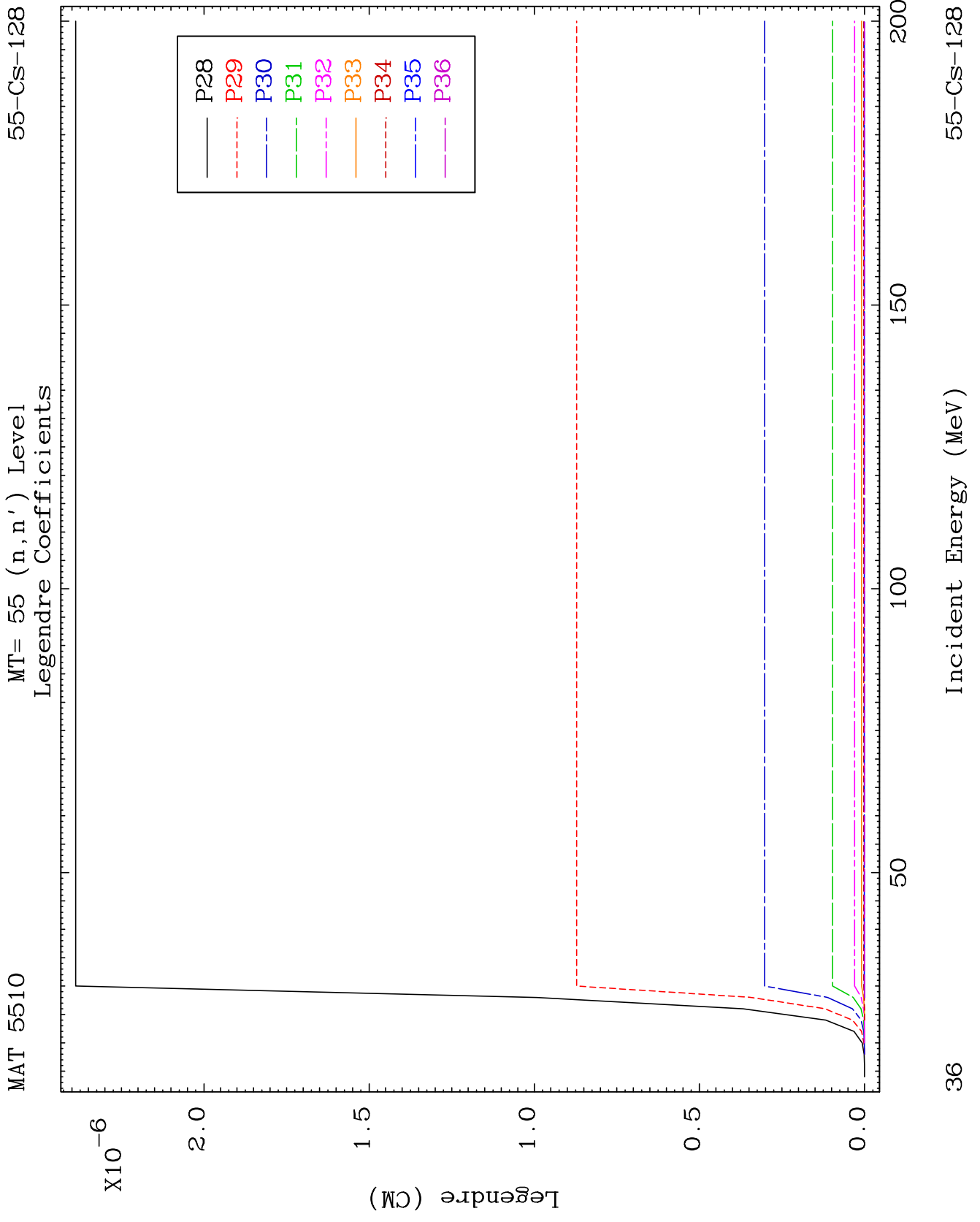


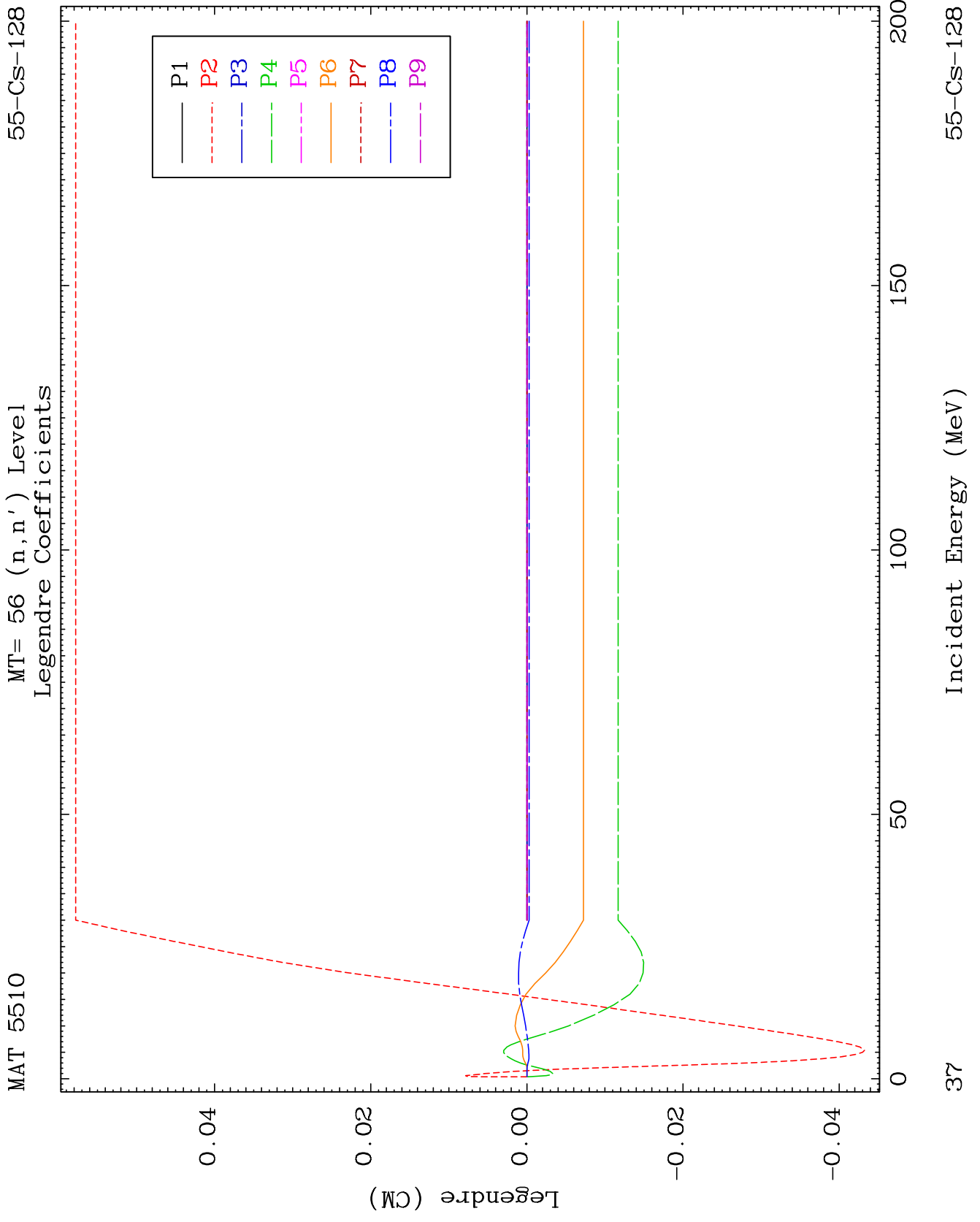
34

Incident Energy (MeV)

55-Cs-128



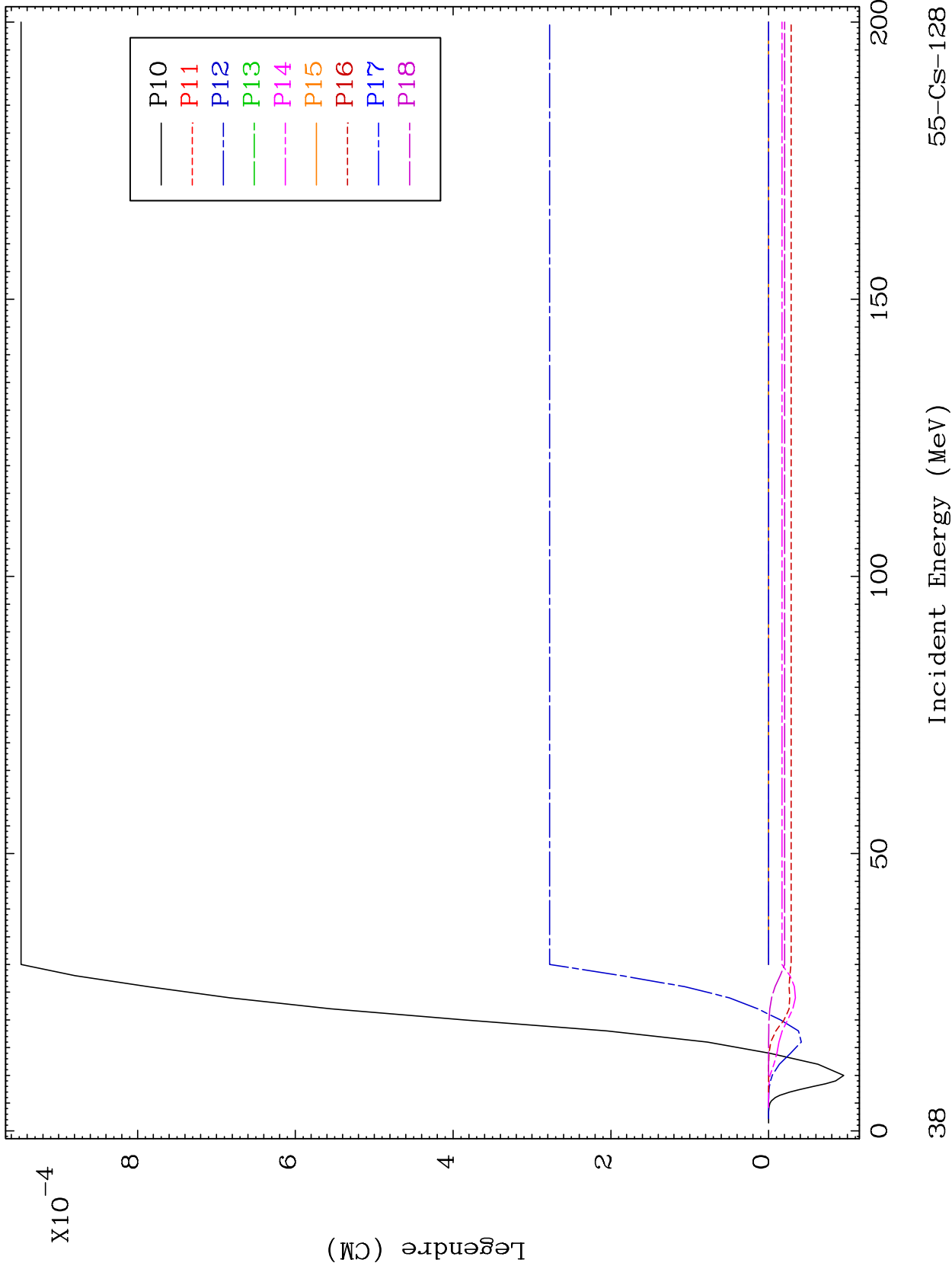




MAT 5510

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

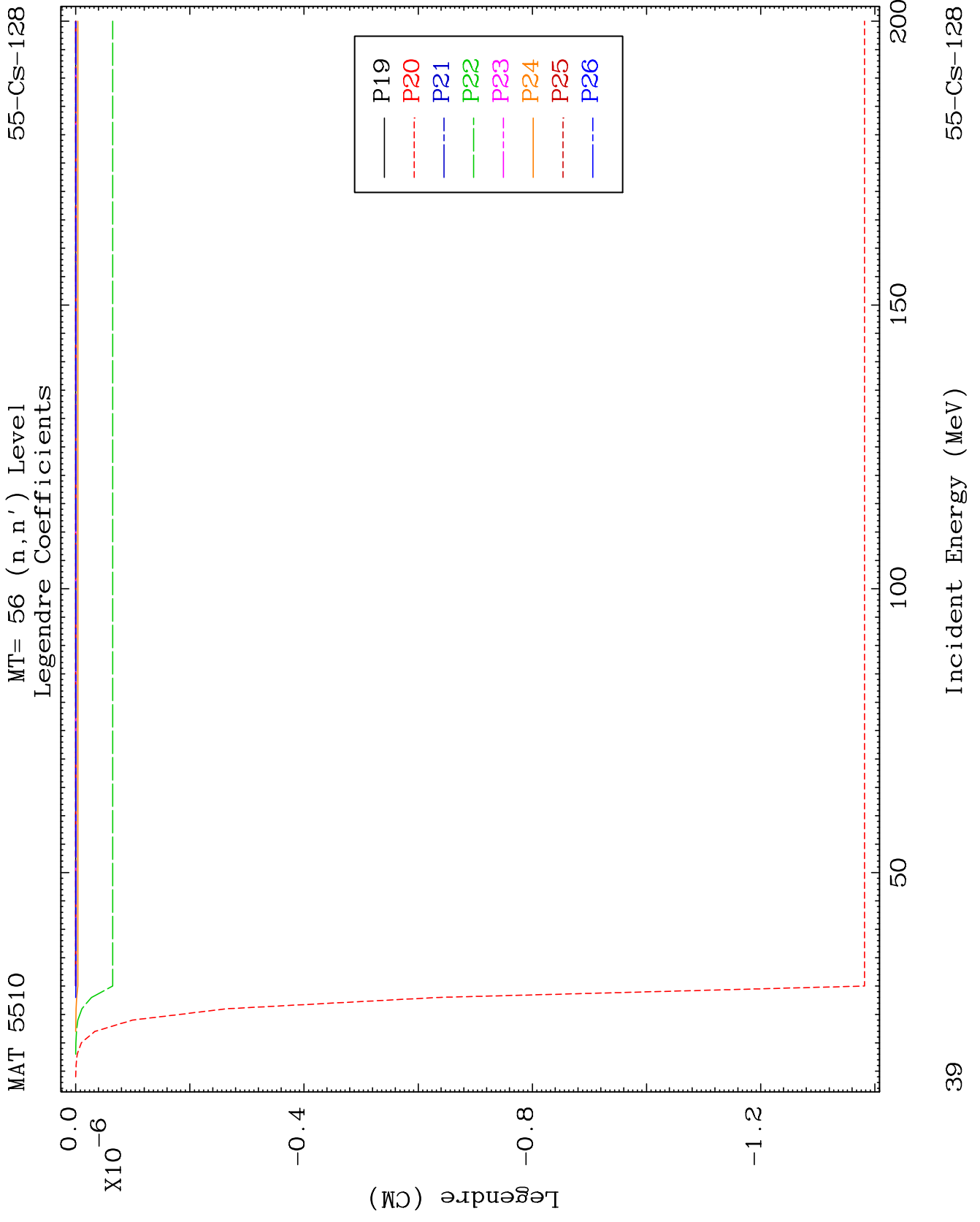
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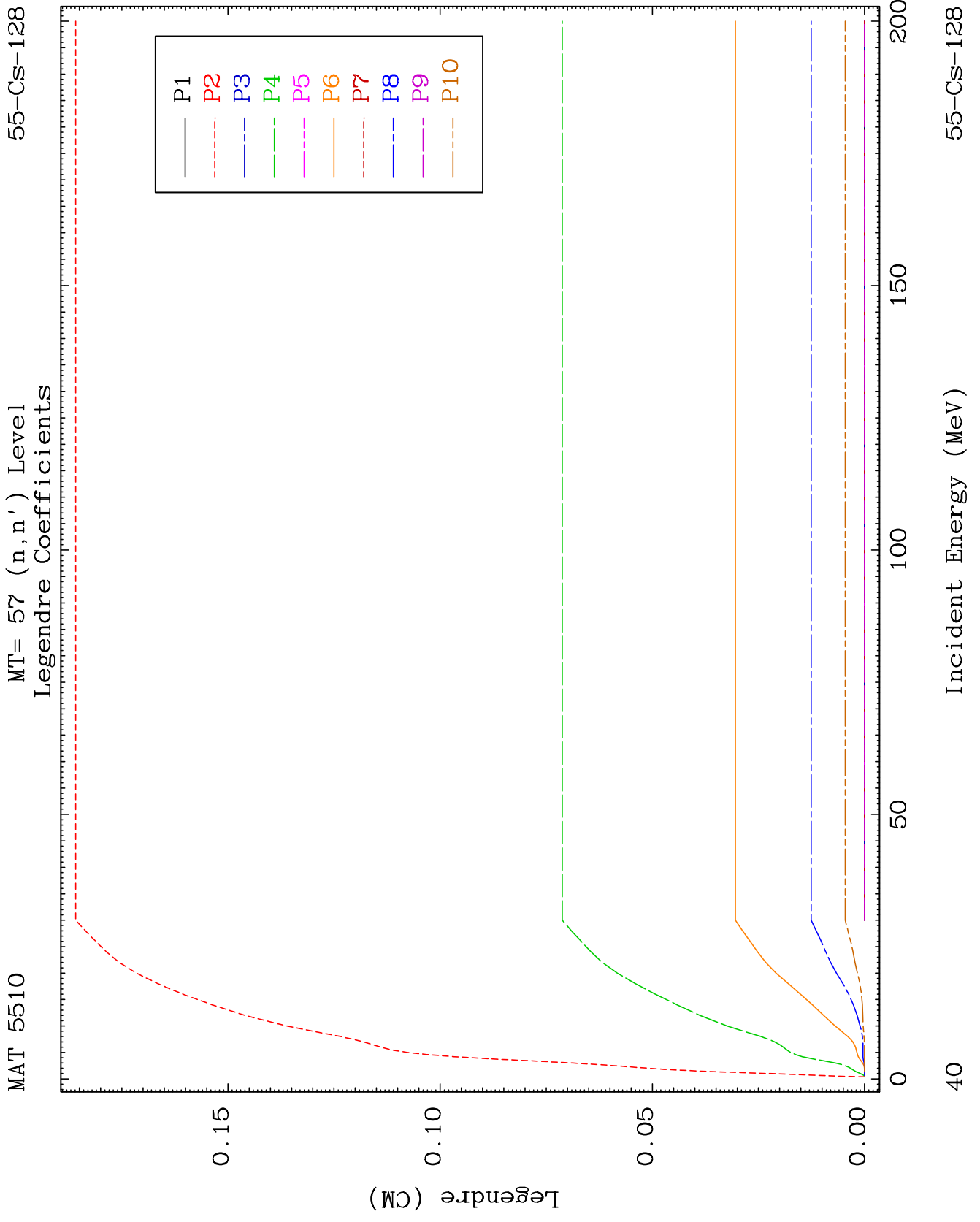


55-Cs-128

Incident Energy (MeV)

38

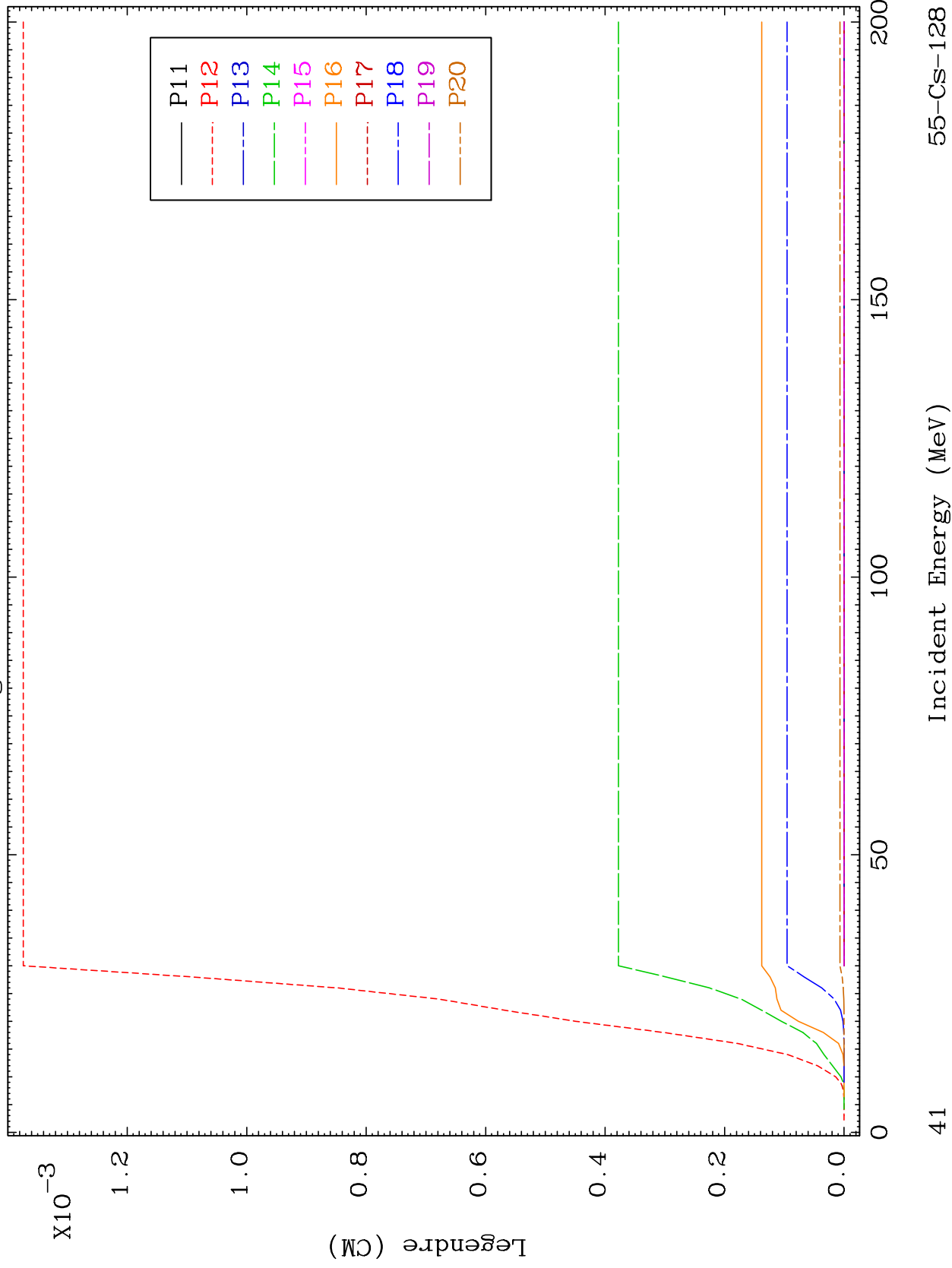


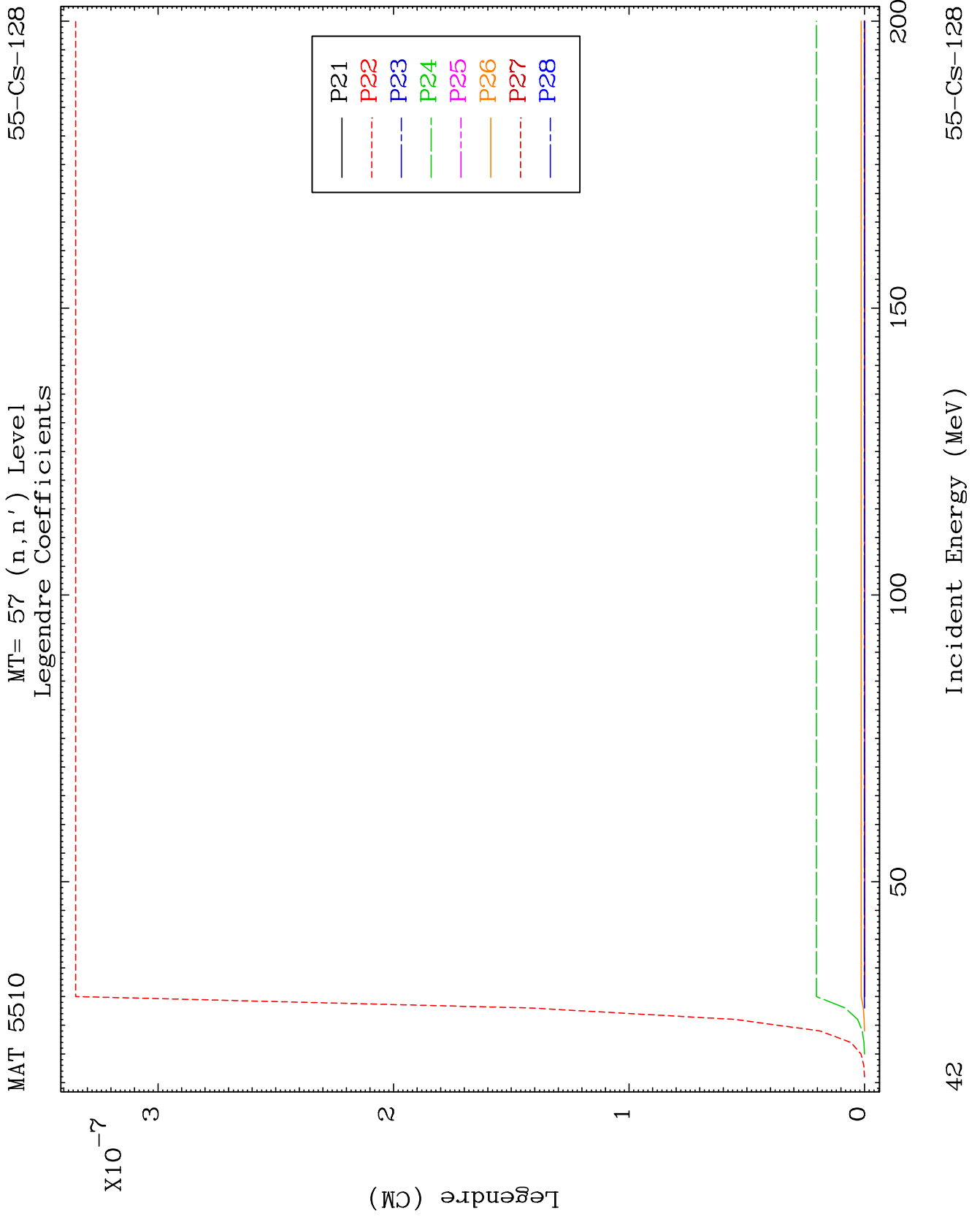


MAT 5510

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

55-Cs-128

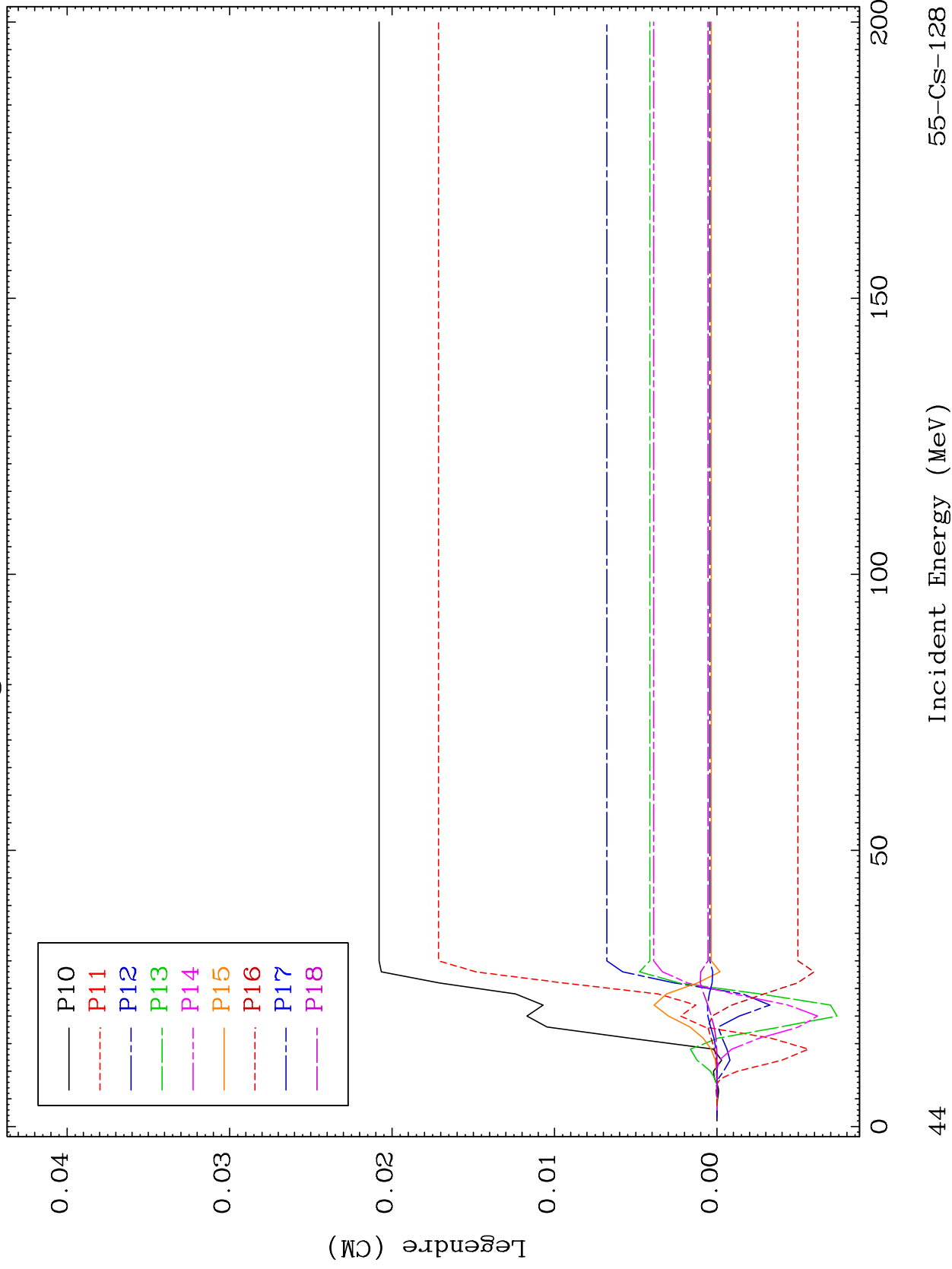


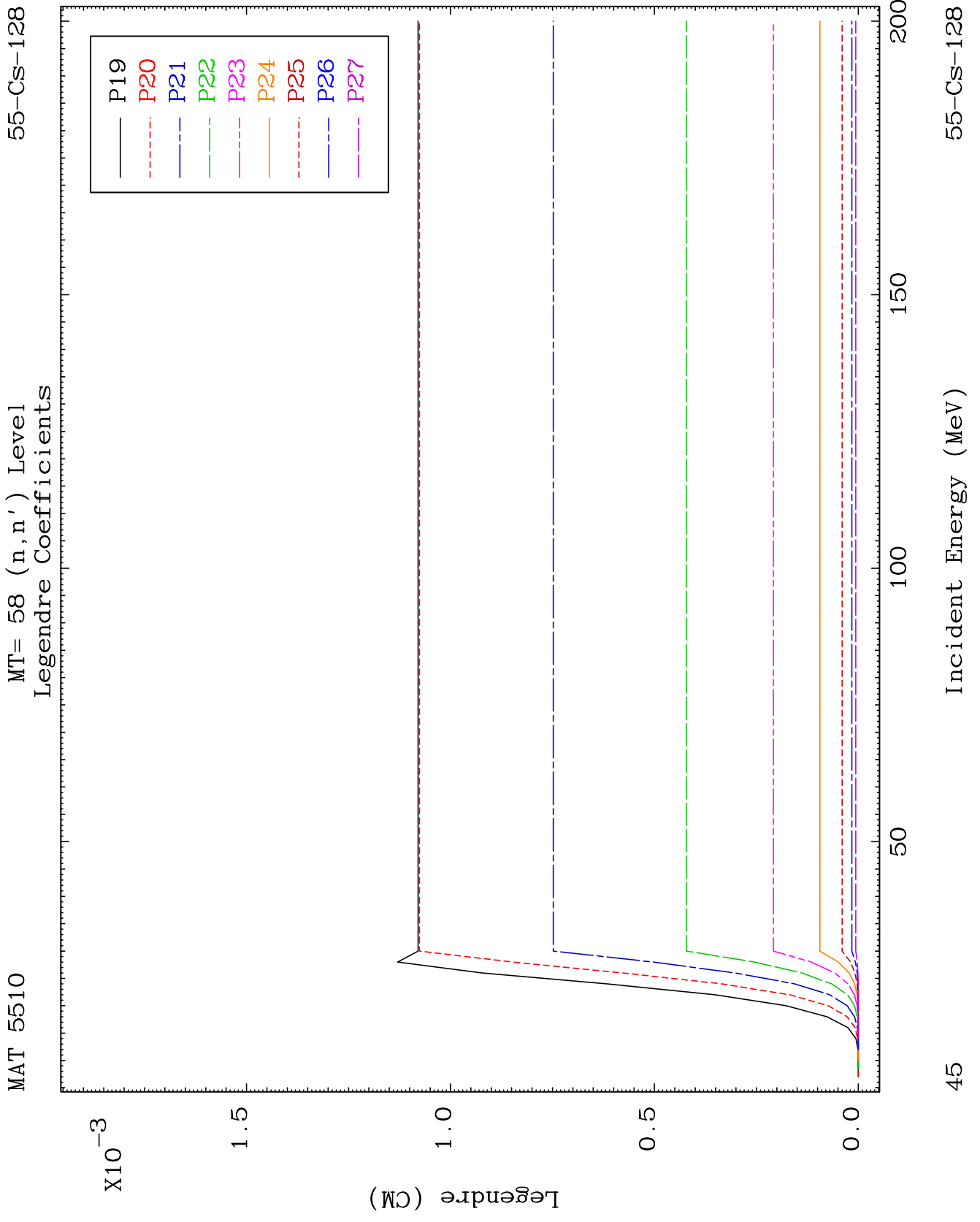


MAT 5510

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

55-Cs-128

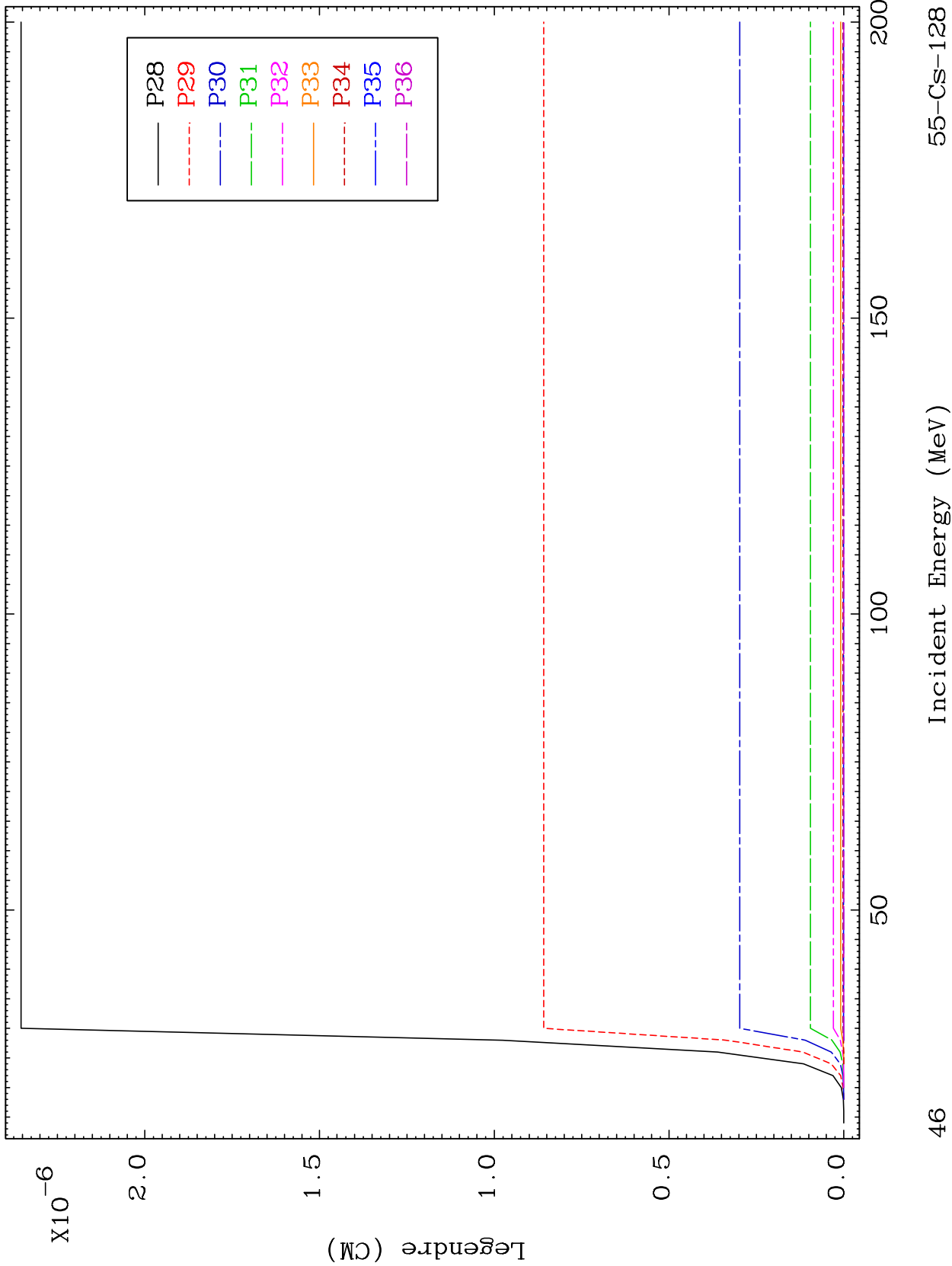




MAT 5510

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

55-Cs-128



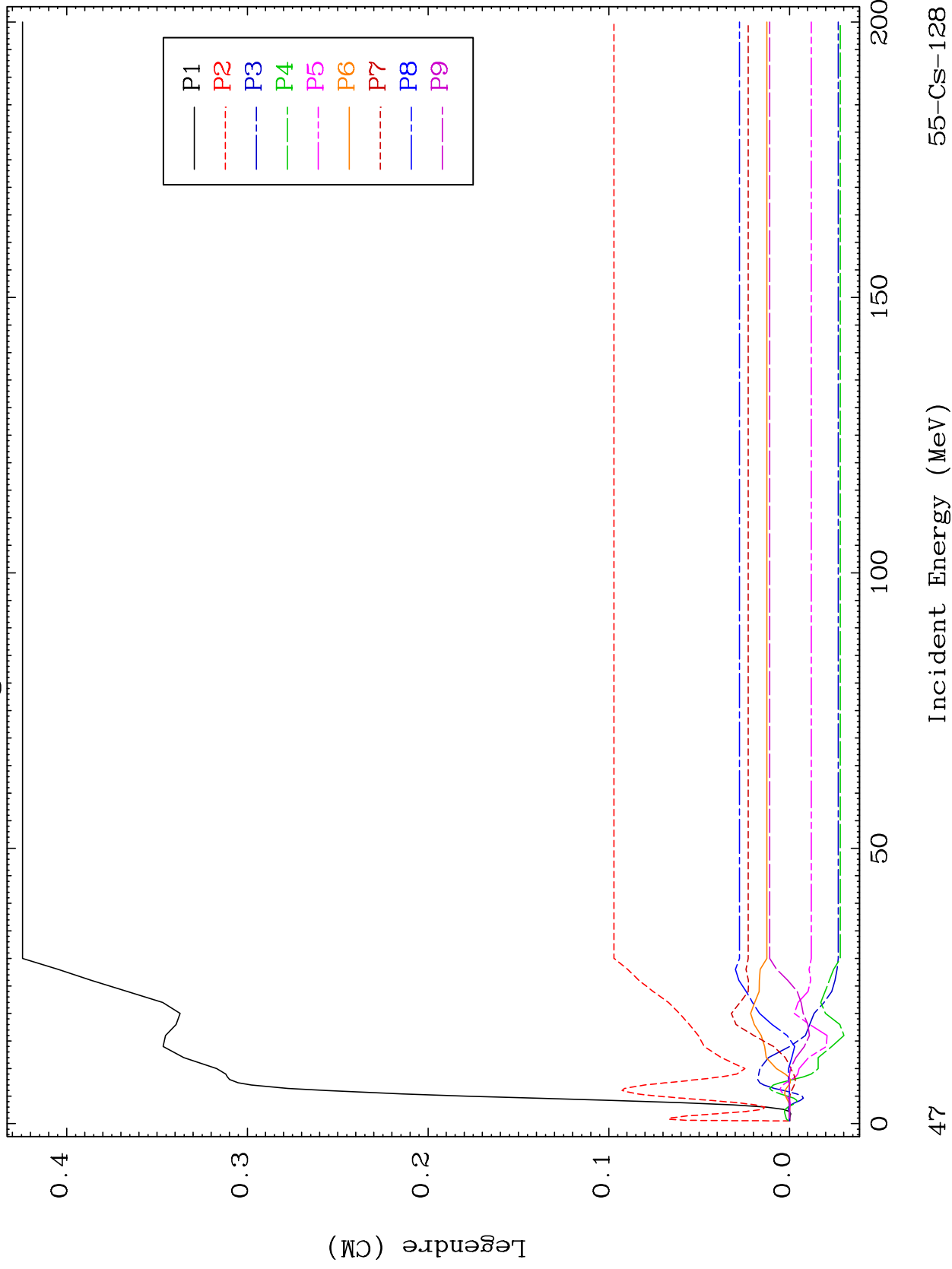
46

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

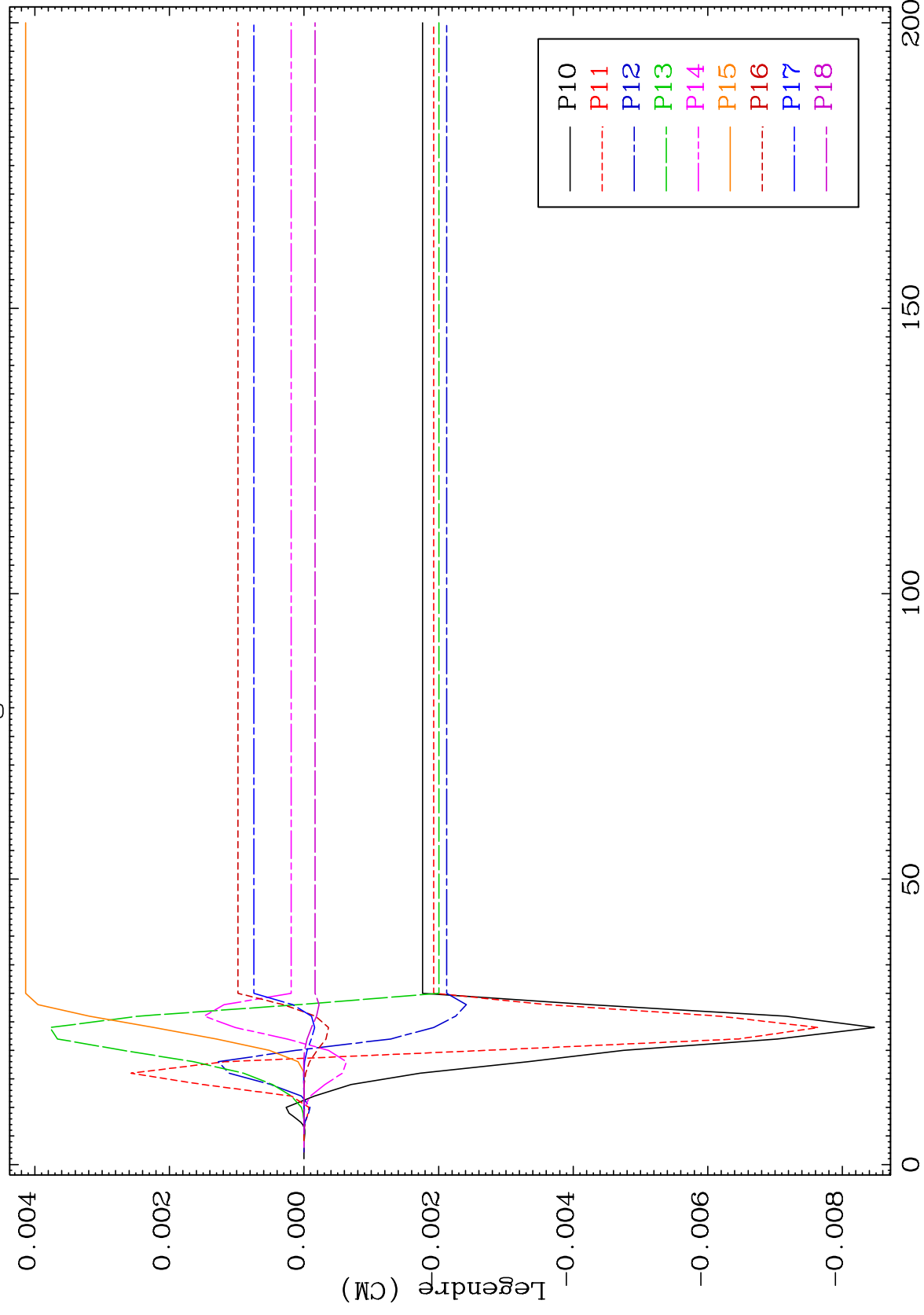
Incident Energy (MeV)

47

MAT 5510

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

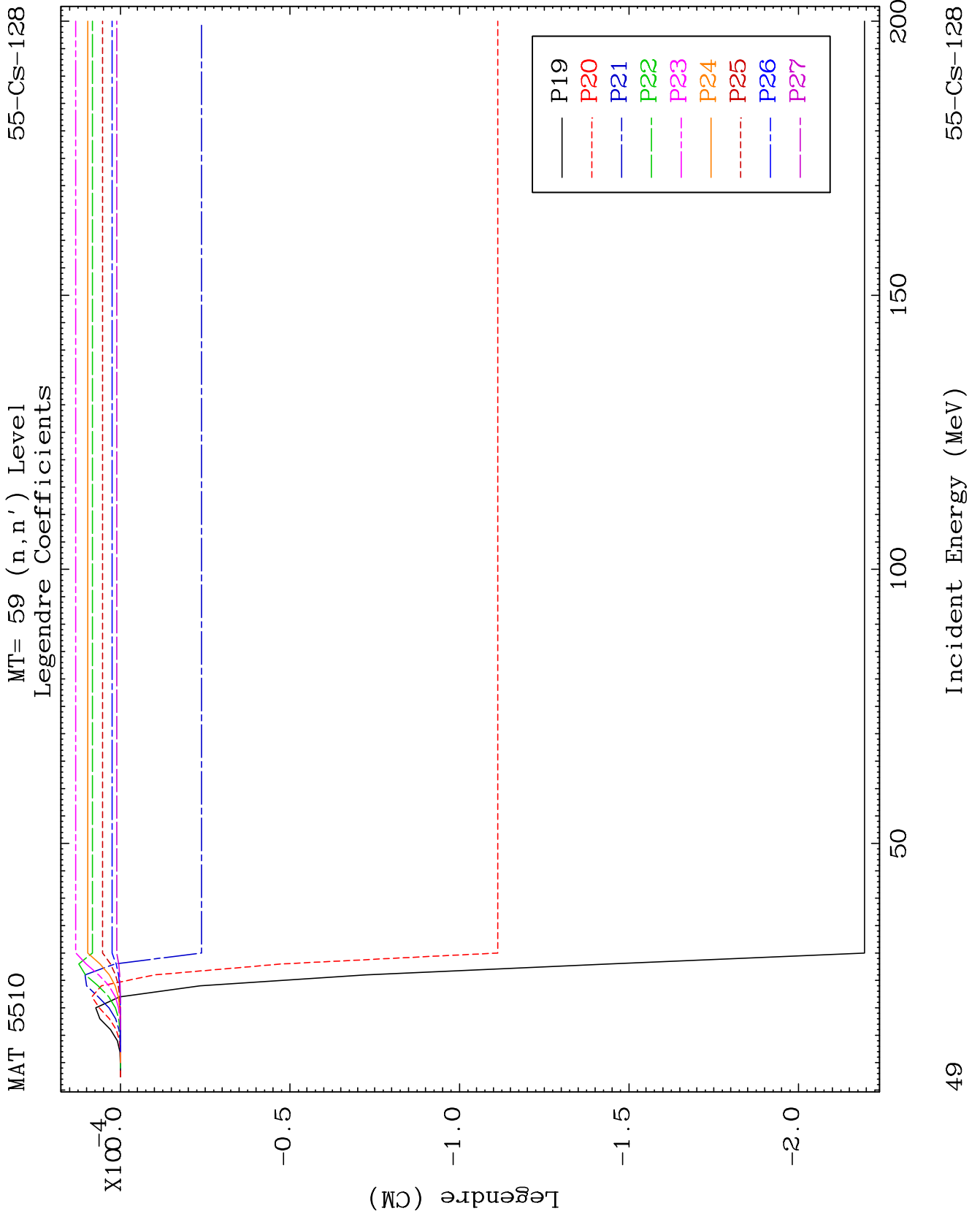
55-Cs-128



48

Incident Energy (MeV)

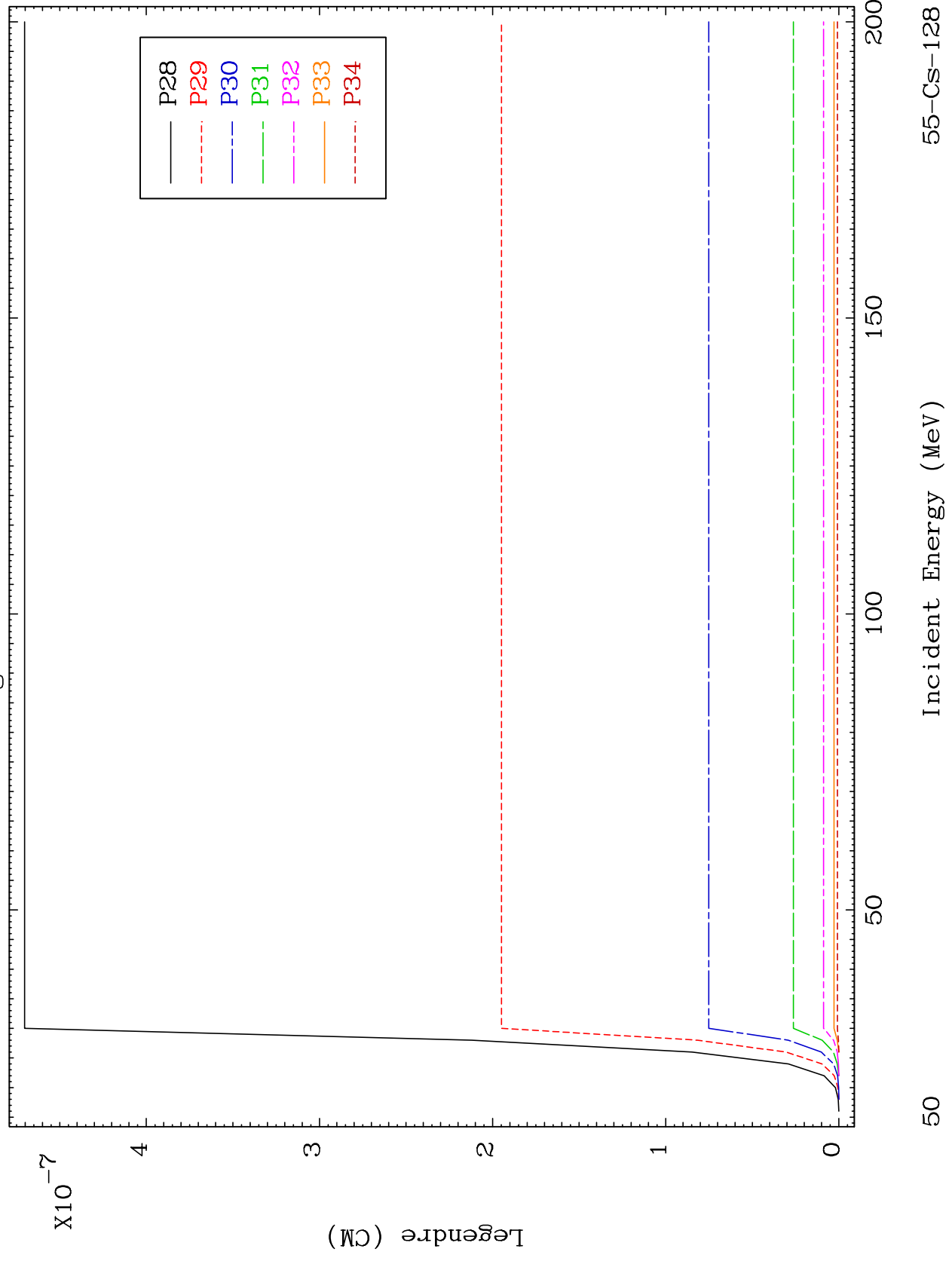
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MAT 5510

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

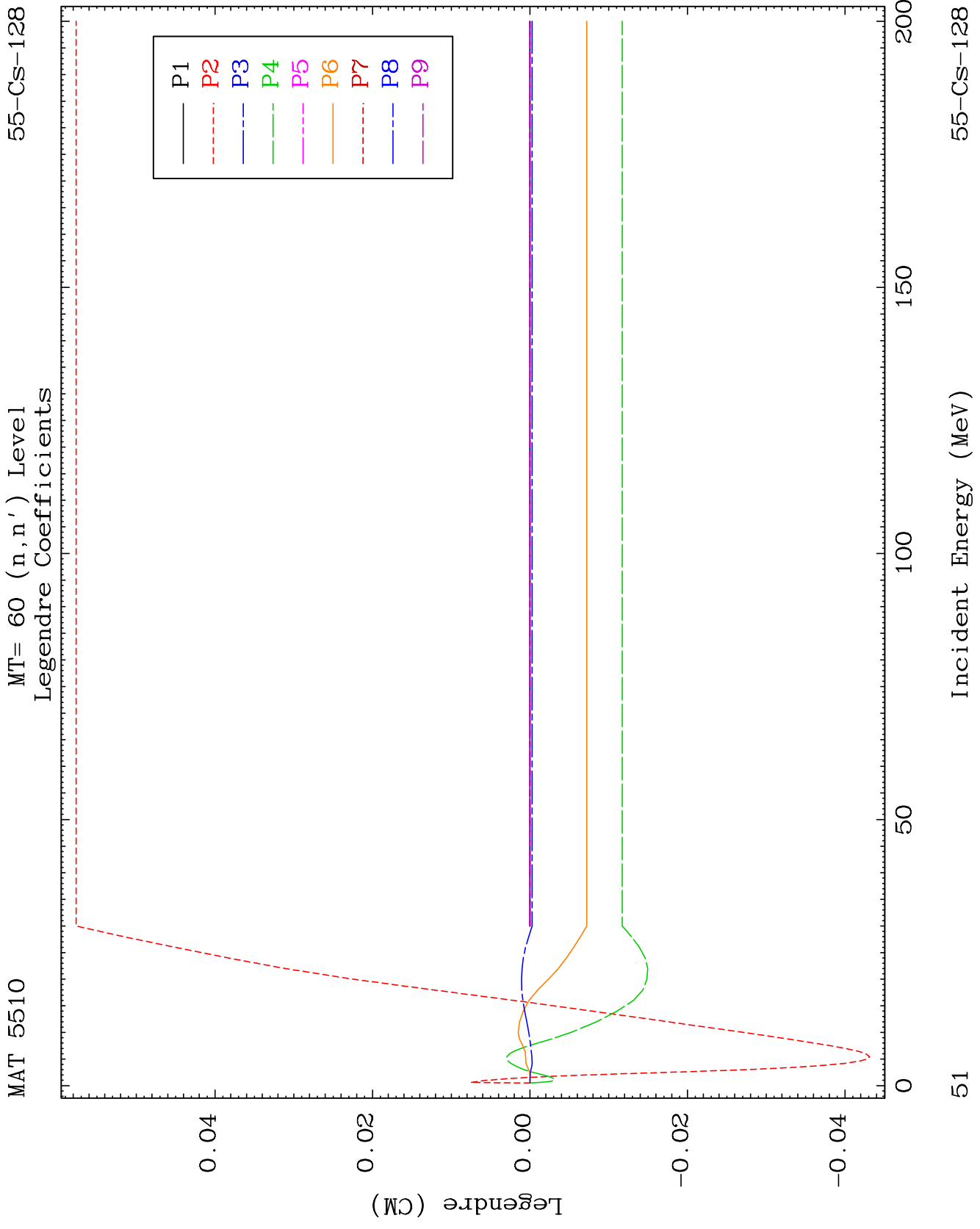
55-Cs-128



55-Cs-128

Incident Energy (MeV)

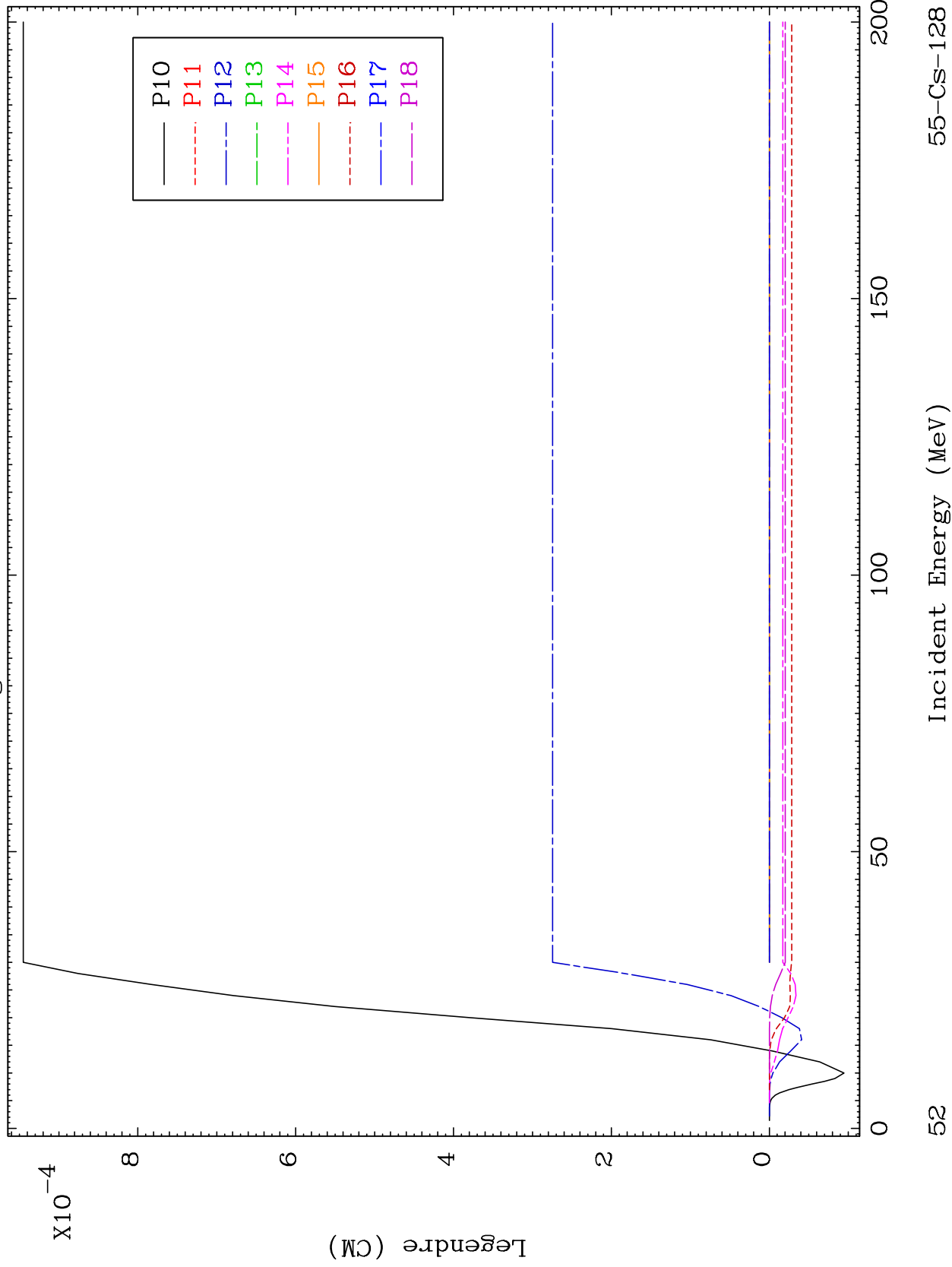
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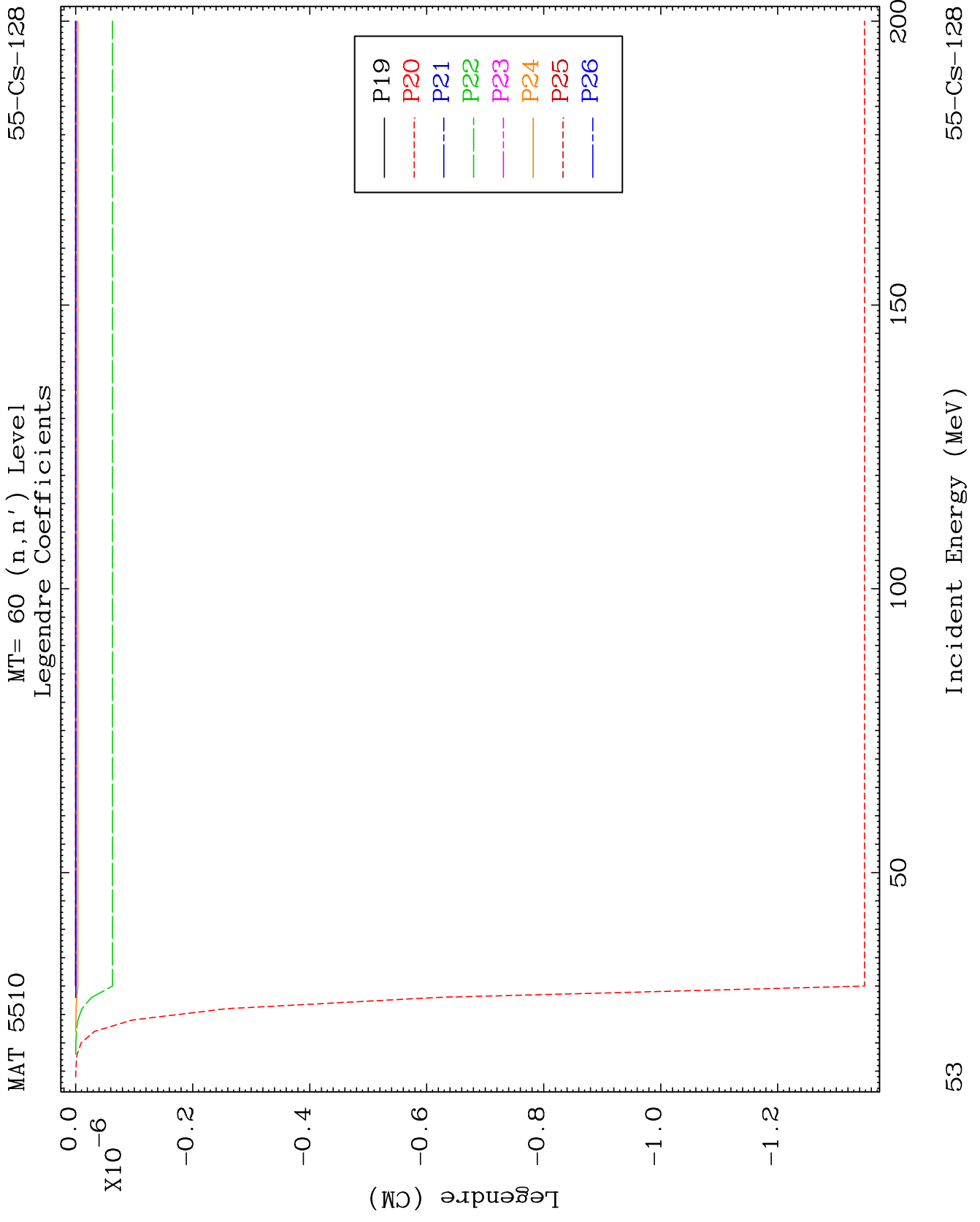


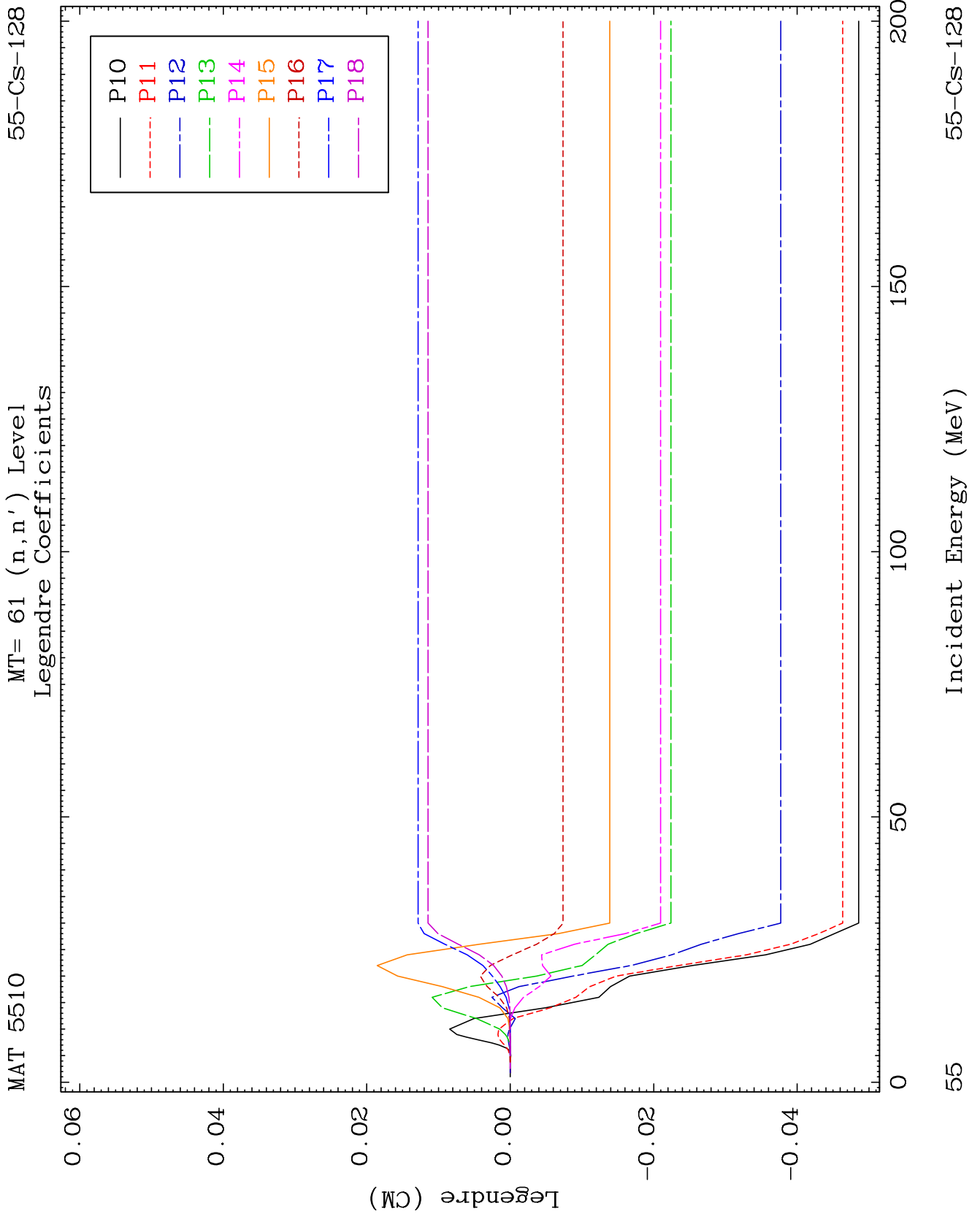
MAT 5510

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

55-Cs-128



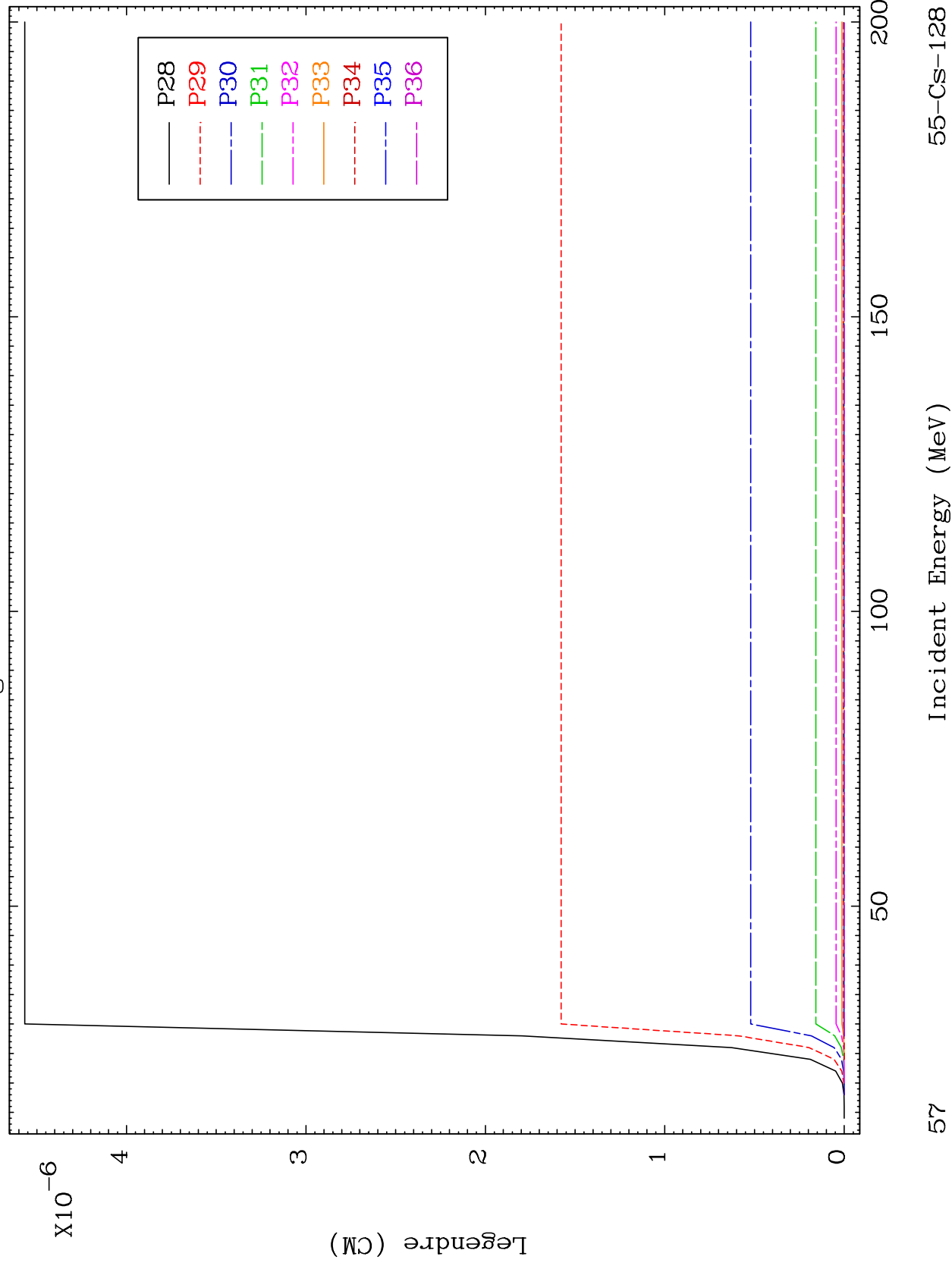




MAT 5510

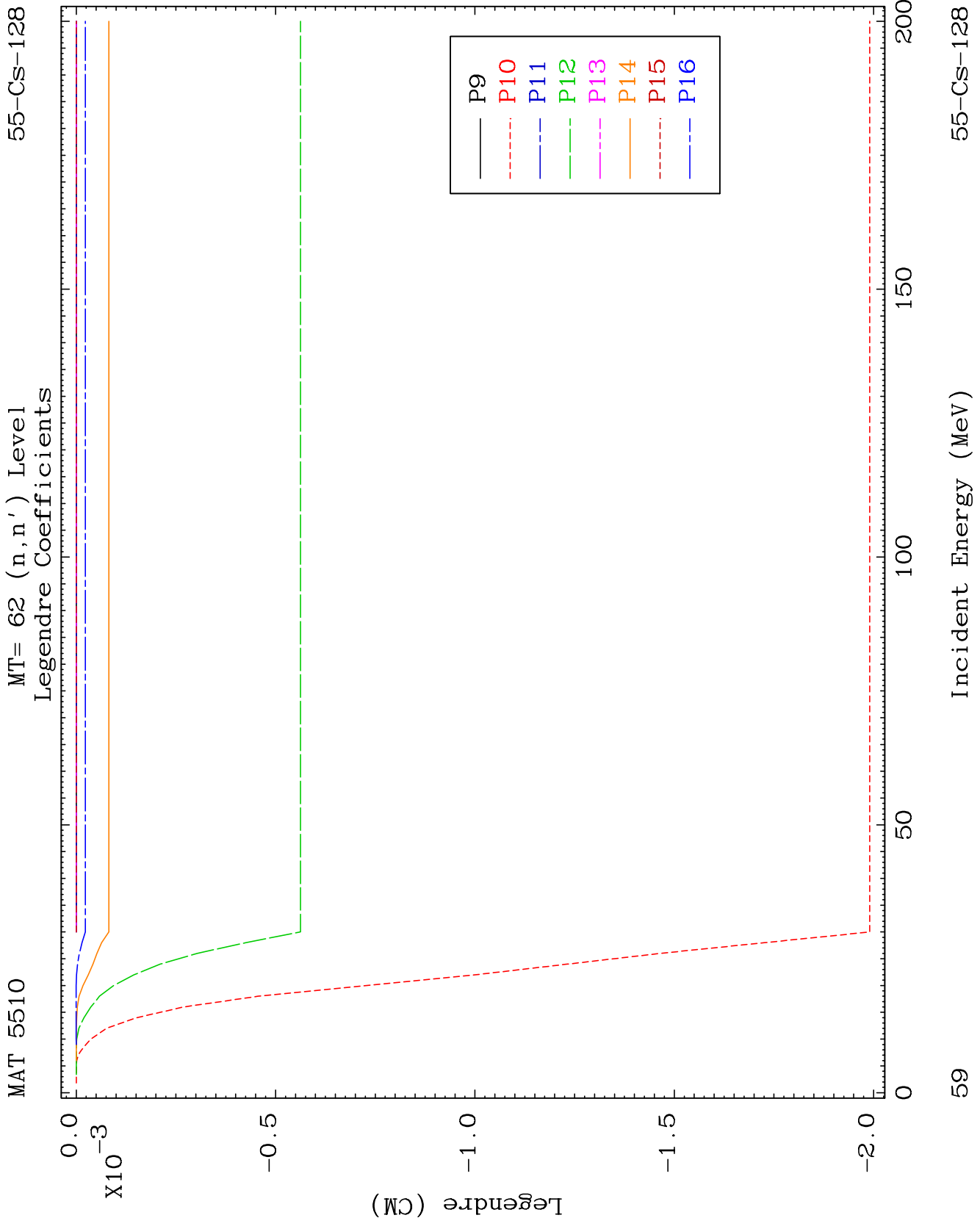
MT= 61 (n,n') Level
Legendre Coefficients

55-Cs-128



57

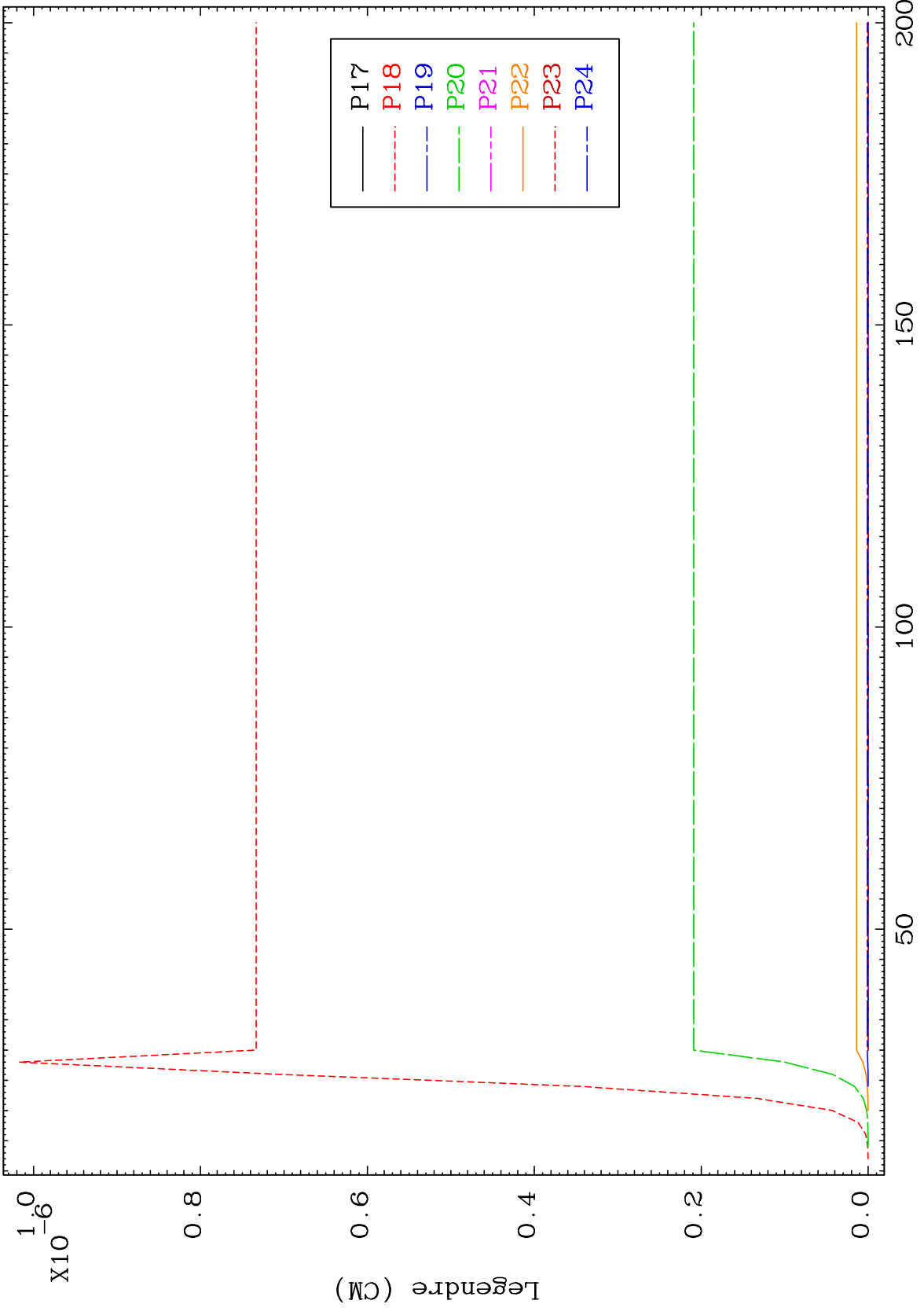
55-Cs-128



MAT 5510

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

55-Cs-128



55-Cs-128

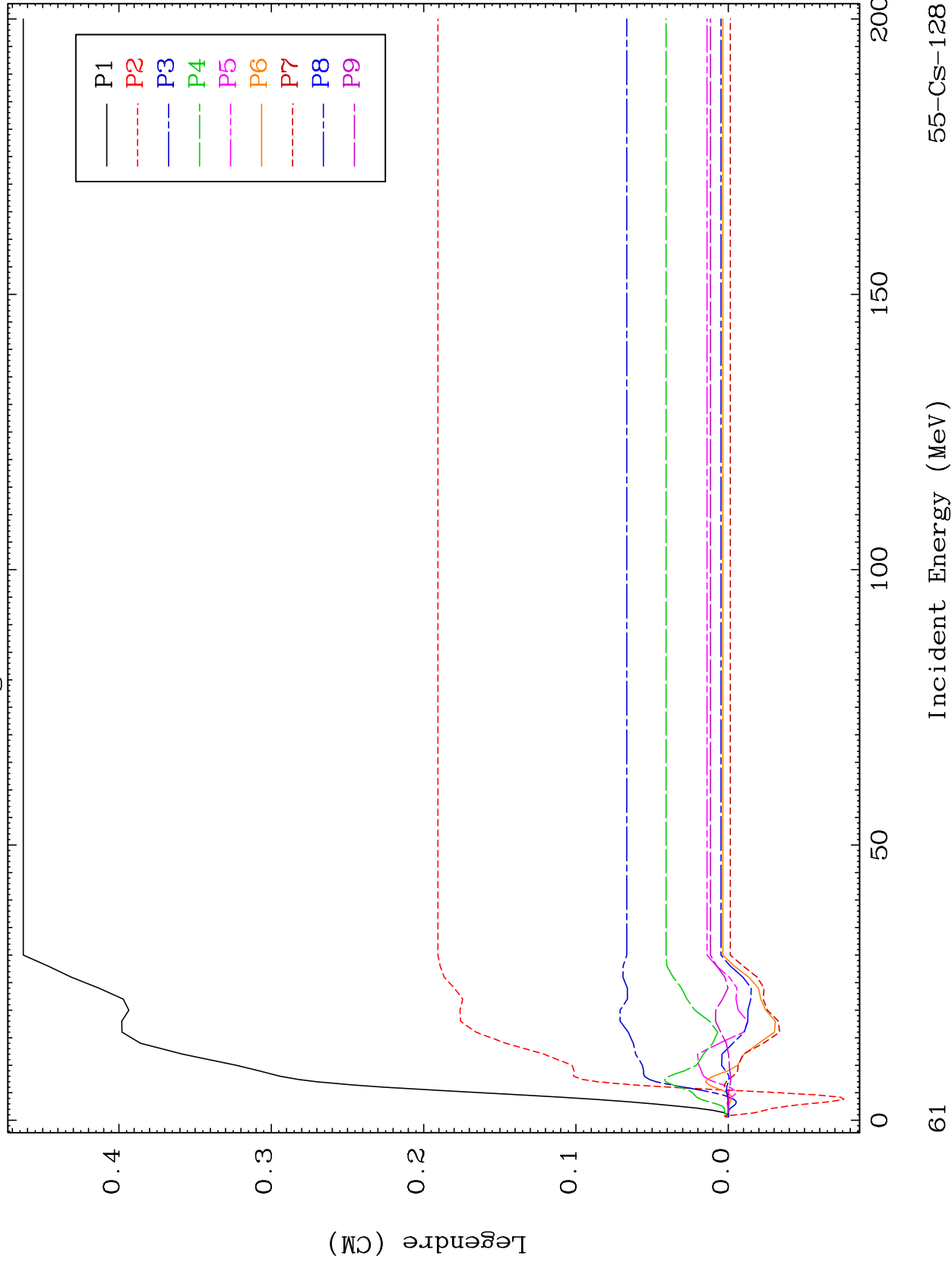
Incident Energy (MeV)

60

MAT 5510

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

55-Cs-128



55-Cs-128

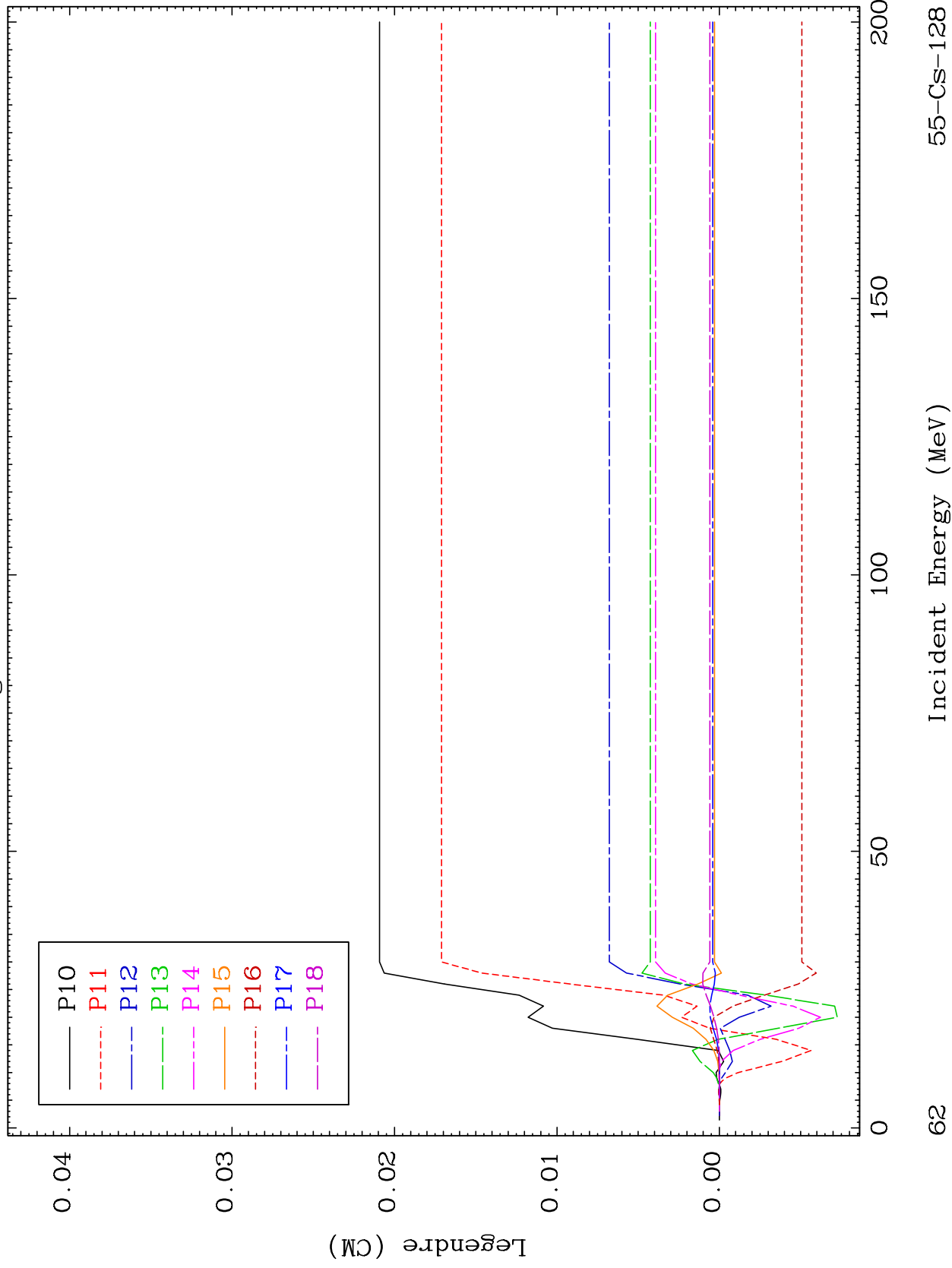
Incident Energy (MeV)

61

MAT 5510

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

55-Cs-128



55-Cs-128

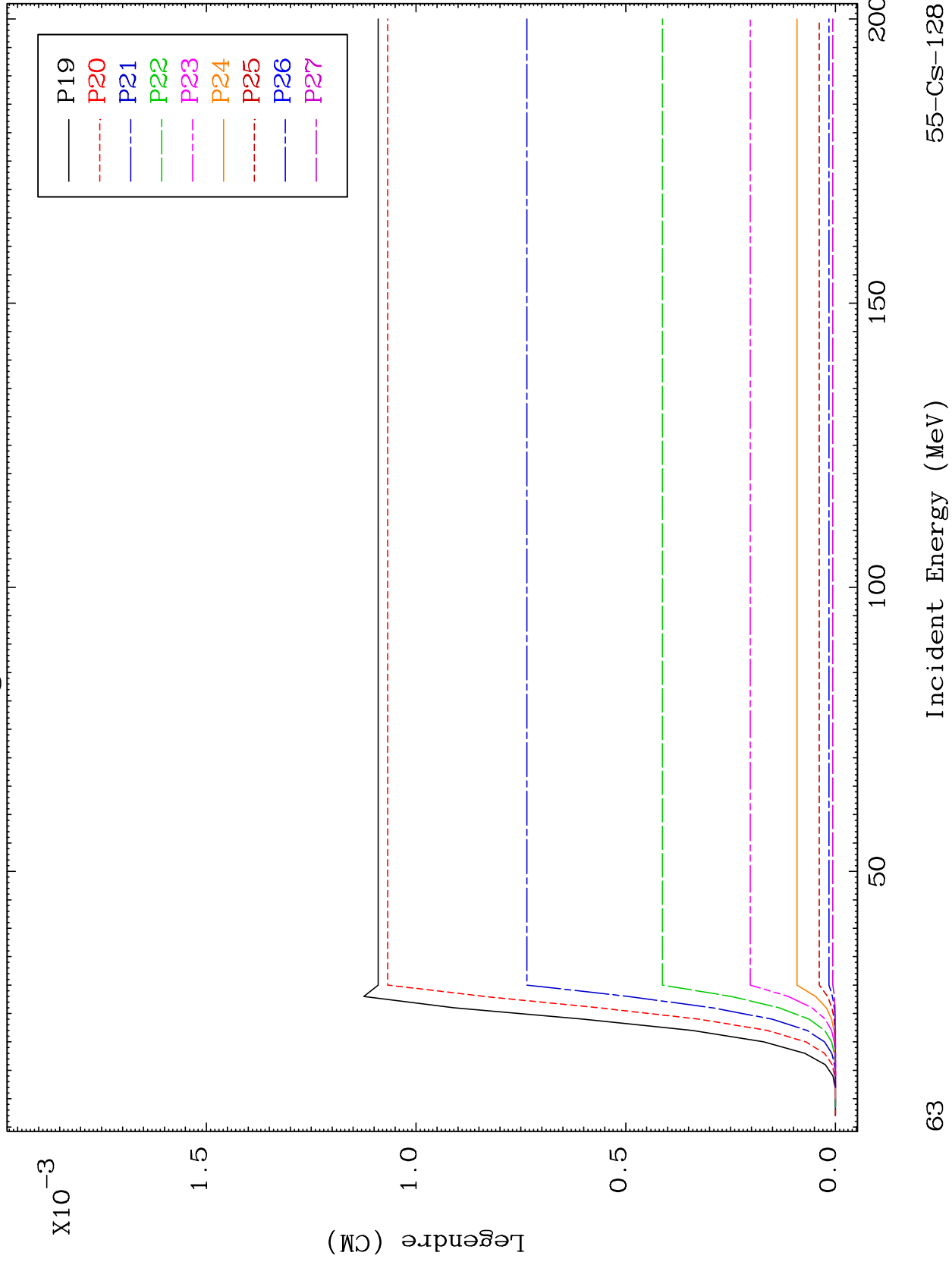
Incident Energy (MeV)

62

MAT 5510

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

55-Cs-128



63

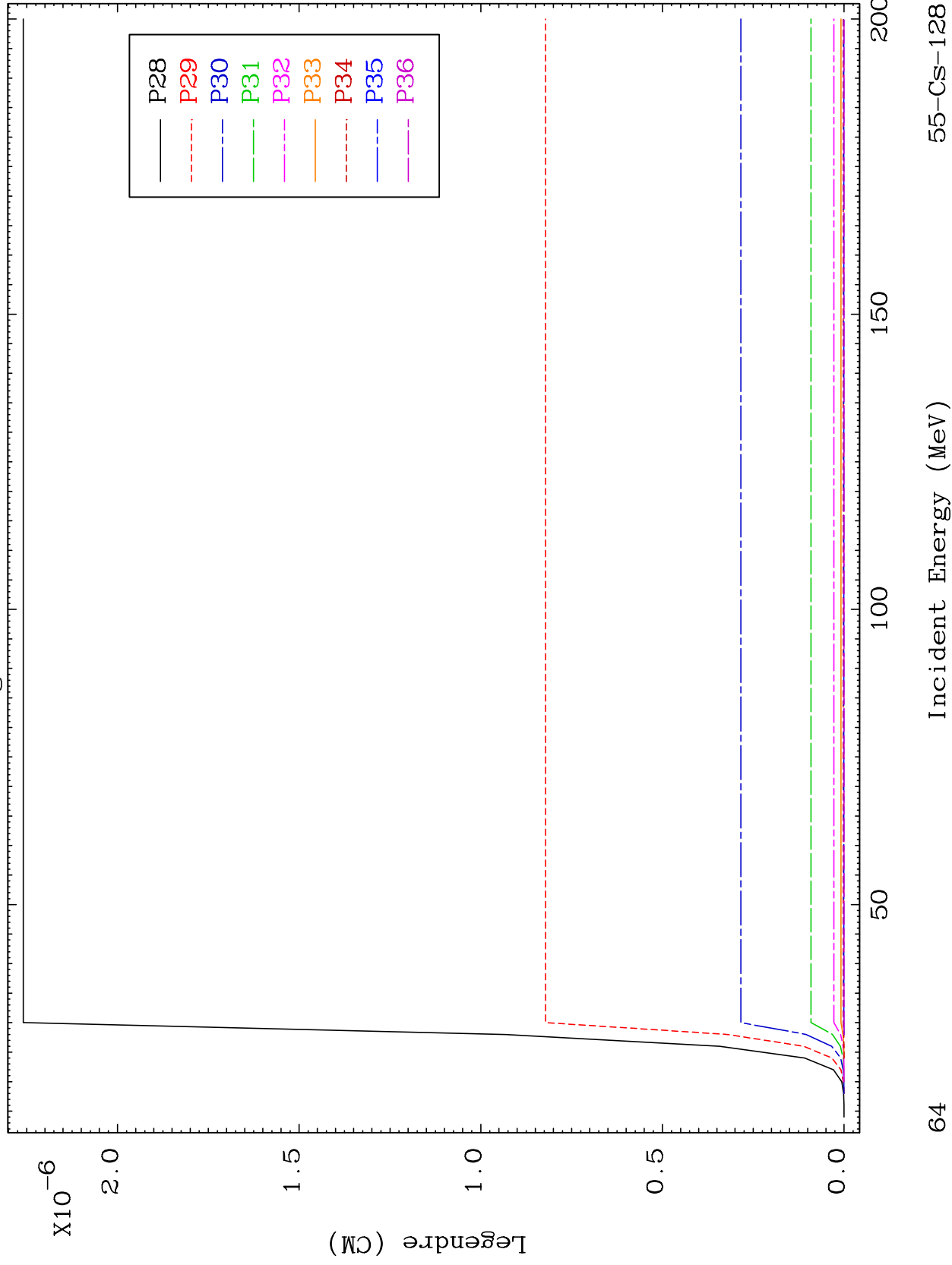
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

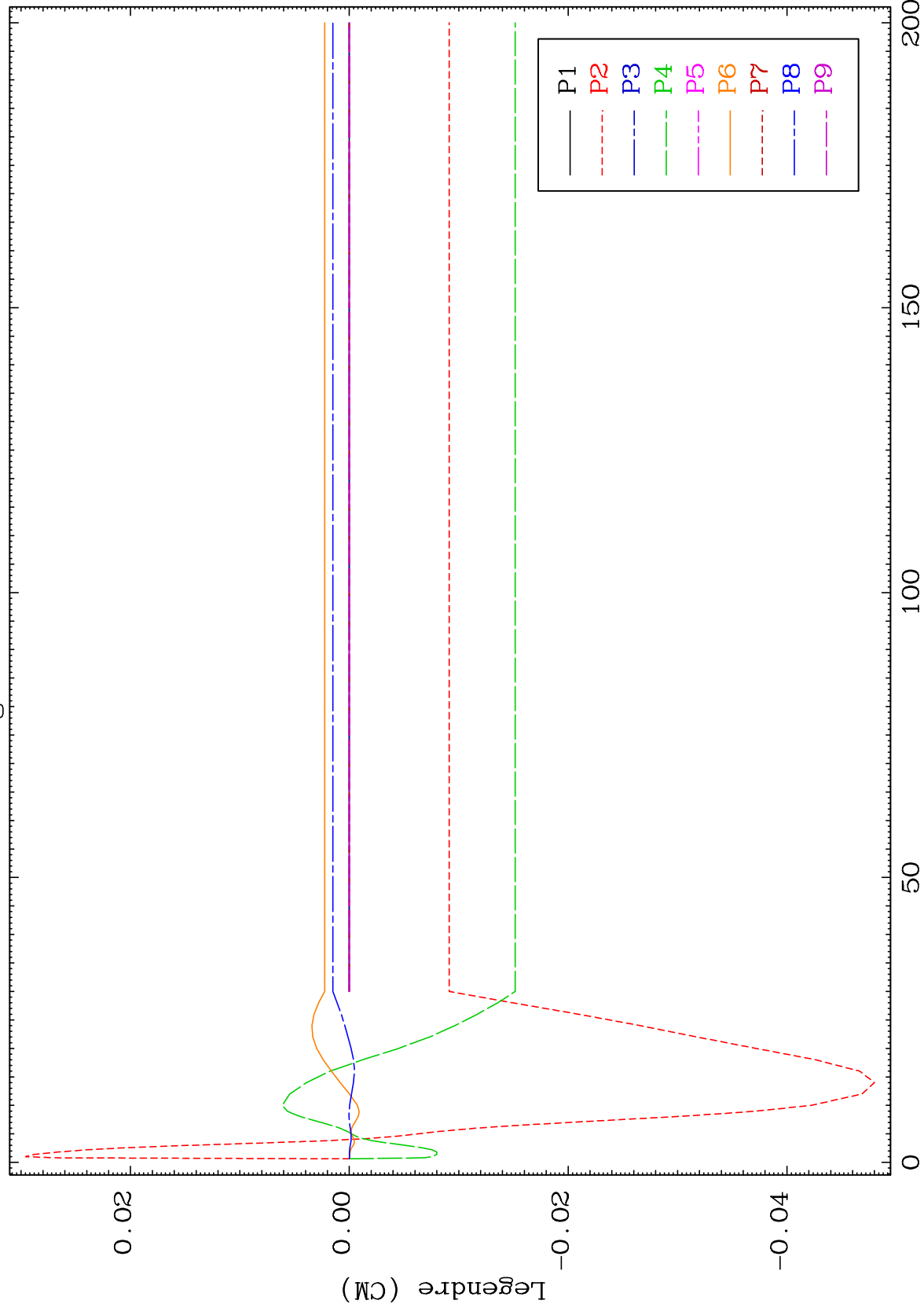
55-Cs-128



MAT 5510

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

55-Cs-128



55-Cs-128

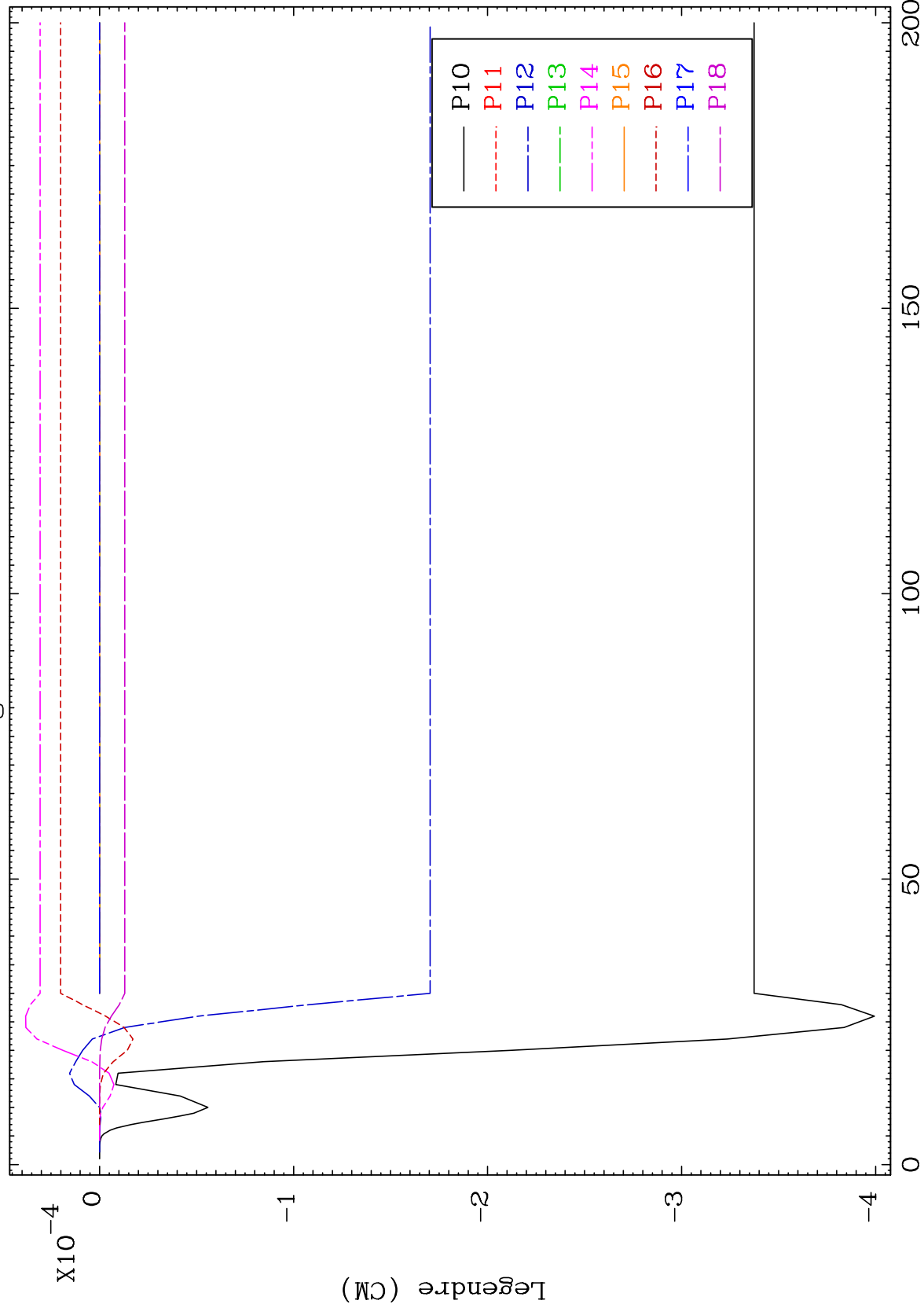
Incident Energy (MeV)

65

MAT 5510

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

55-Cs-128



66

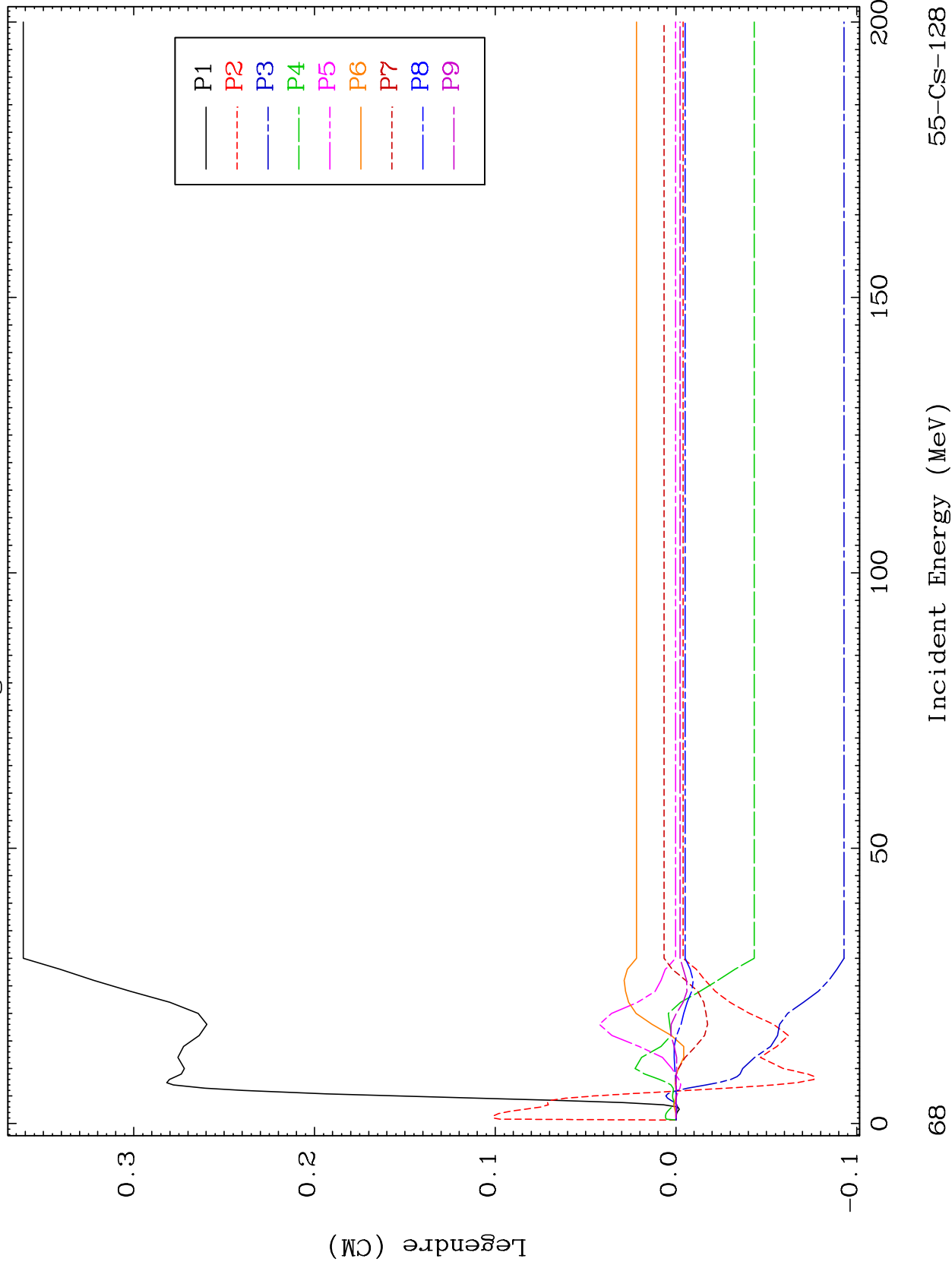
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

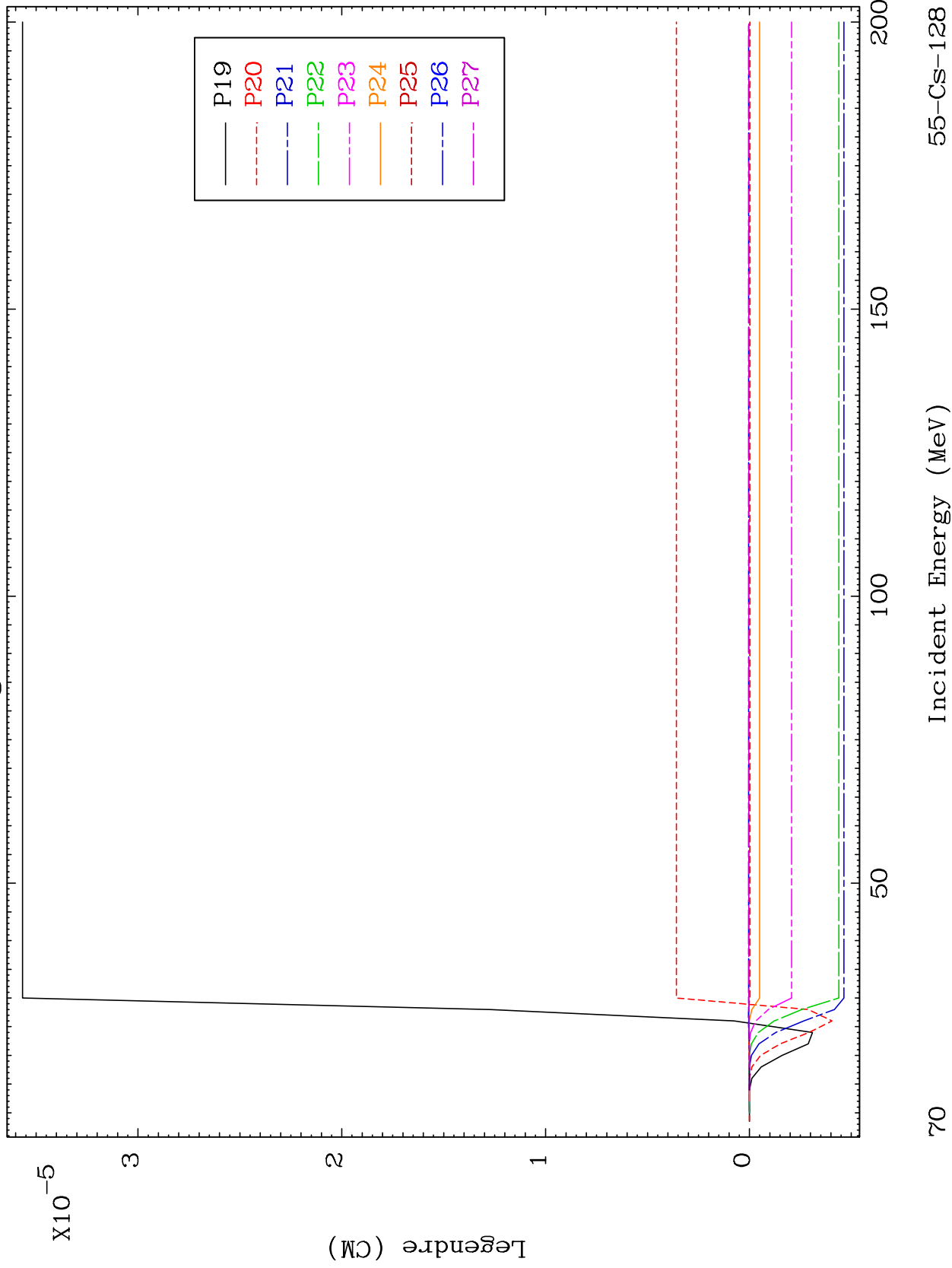
Incident Energy (MeV)

68

MAT 5510

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

55-Cs-128



70

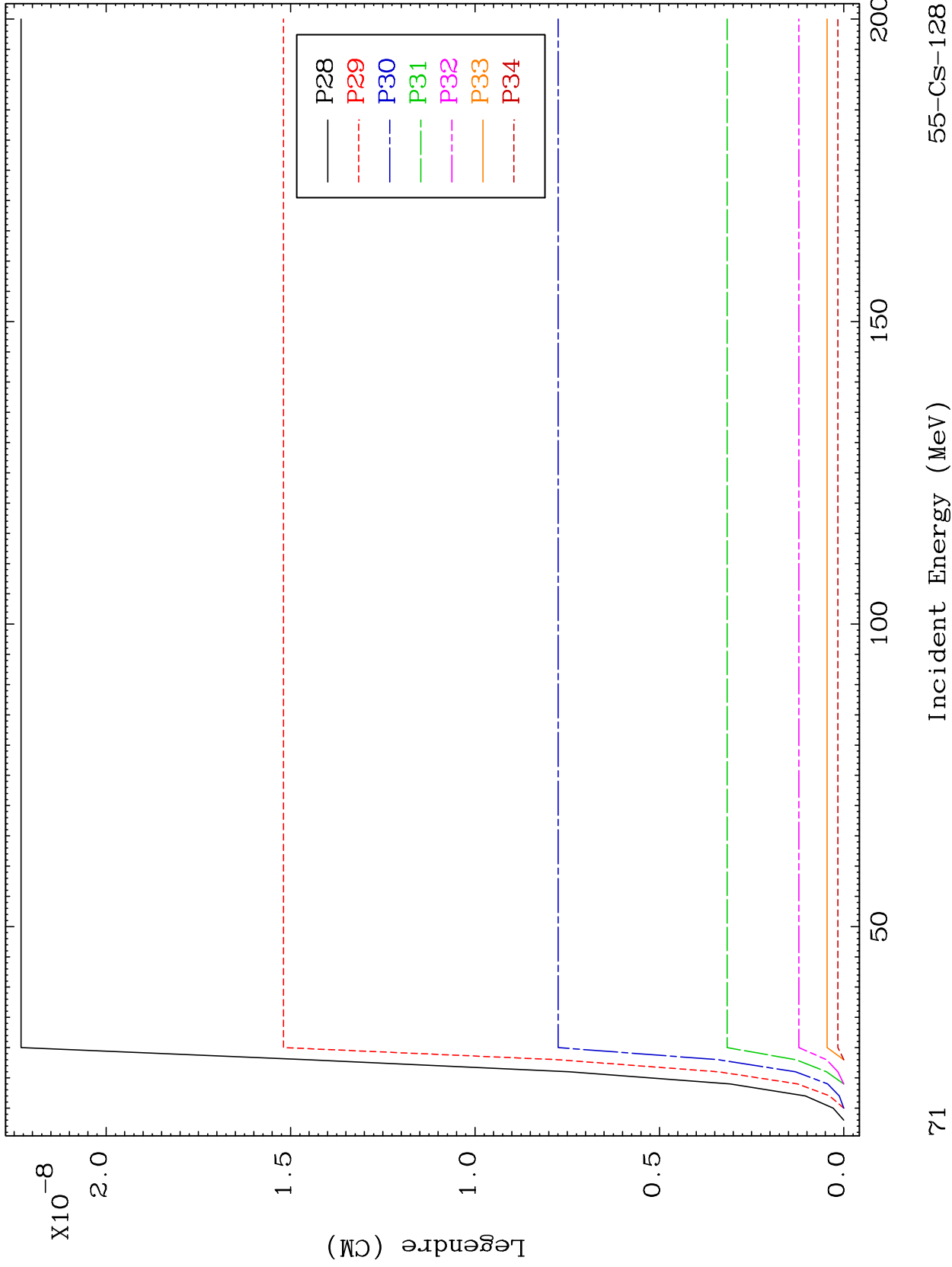
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



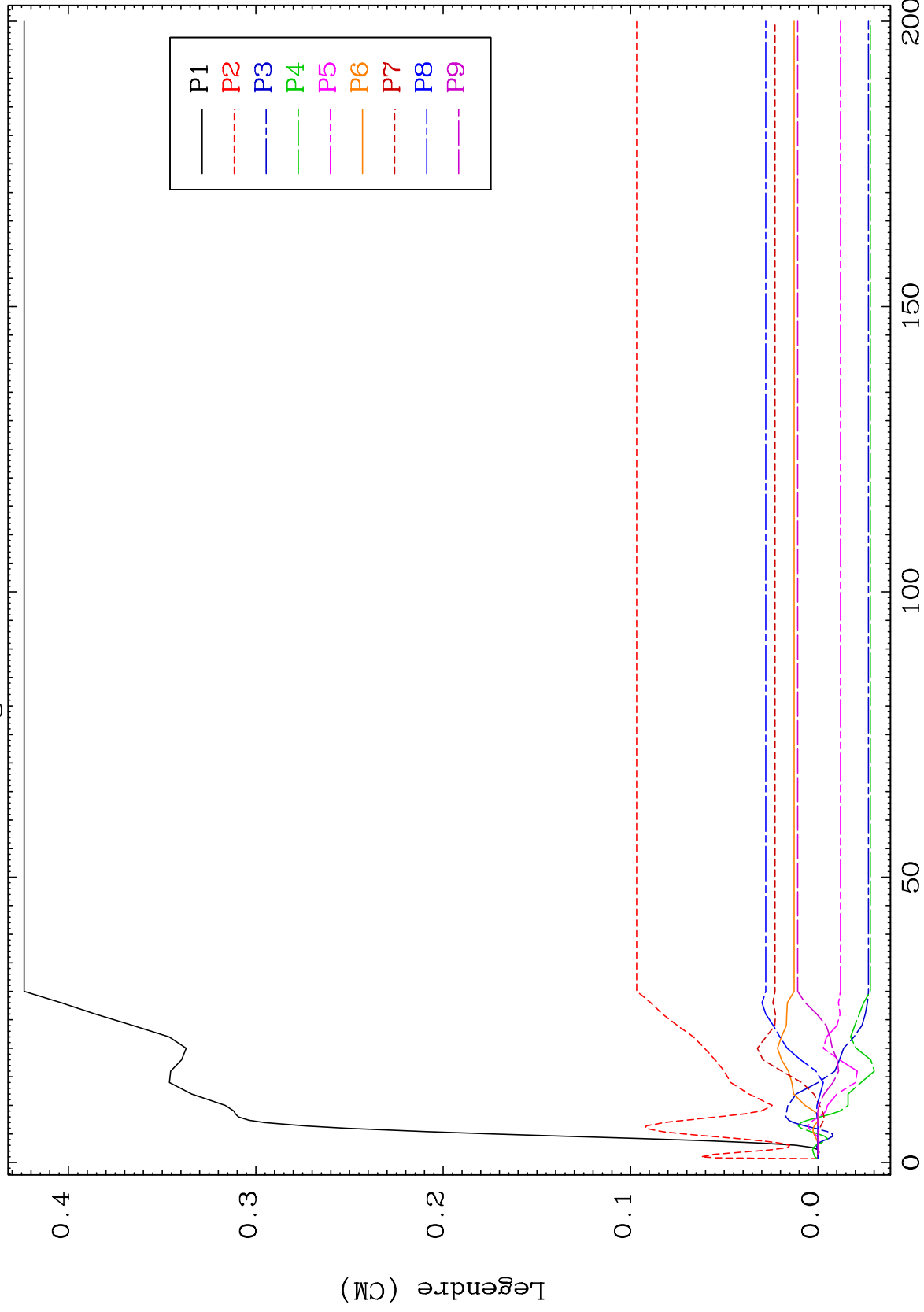
71

55-Cs-128

MAT 5510

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

55-Cs-128



72

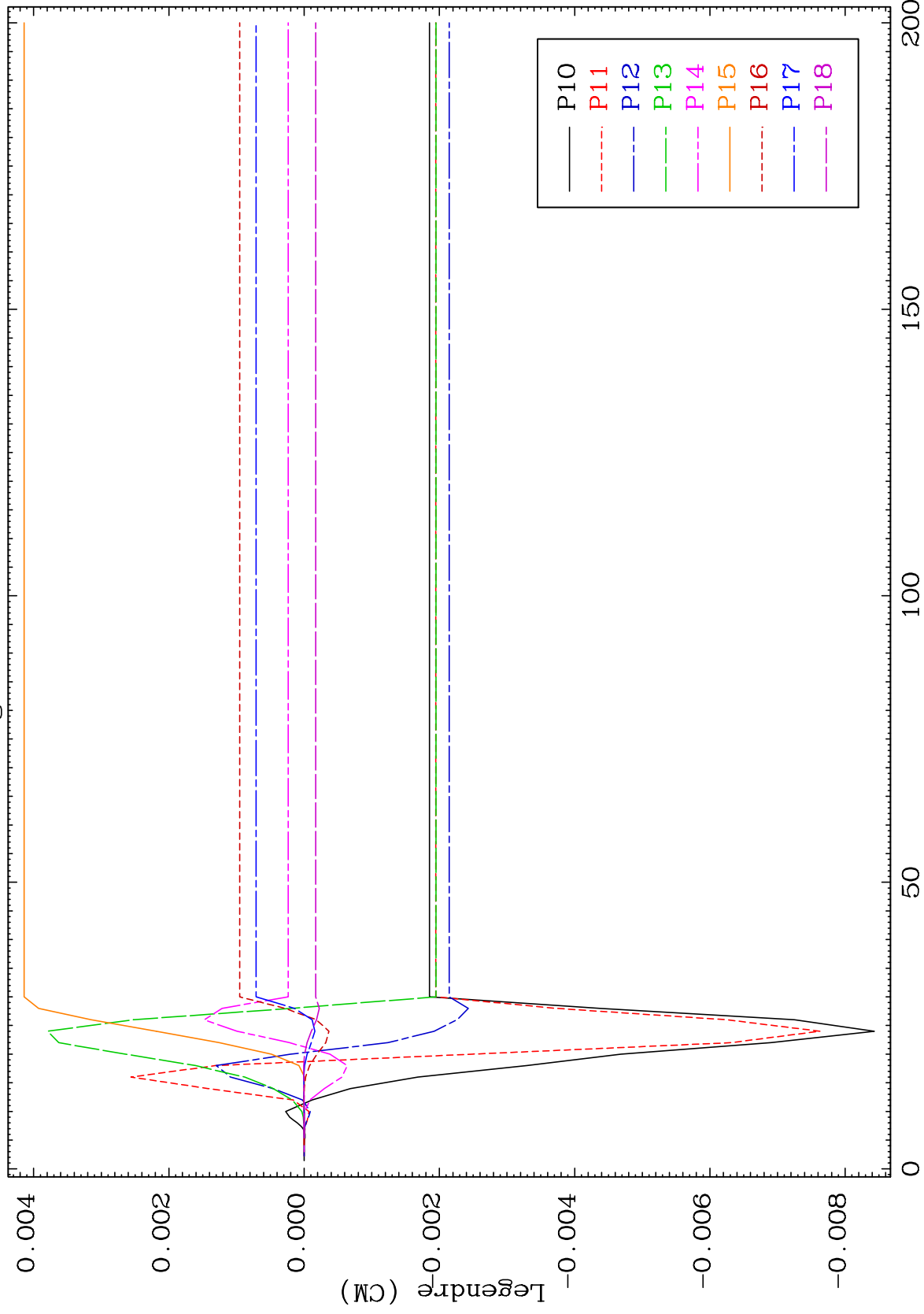
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

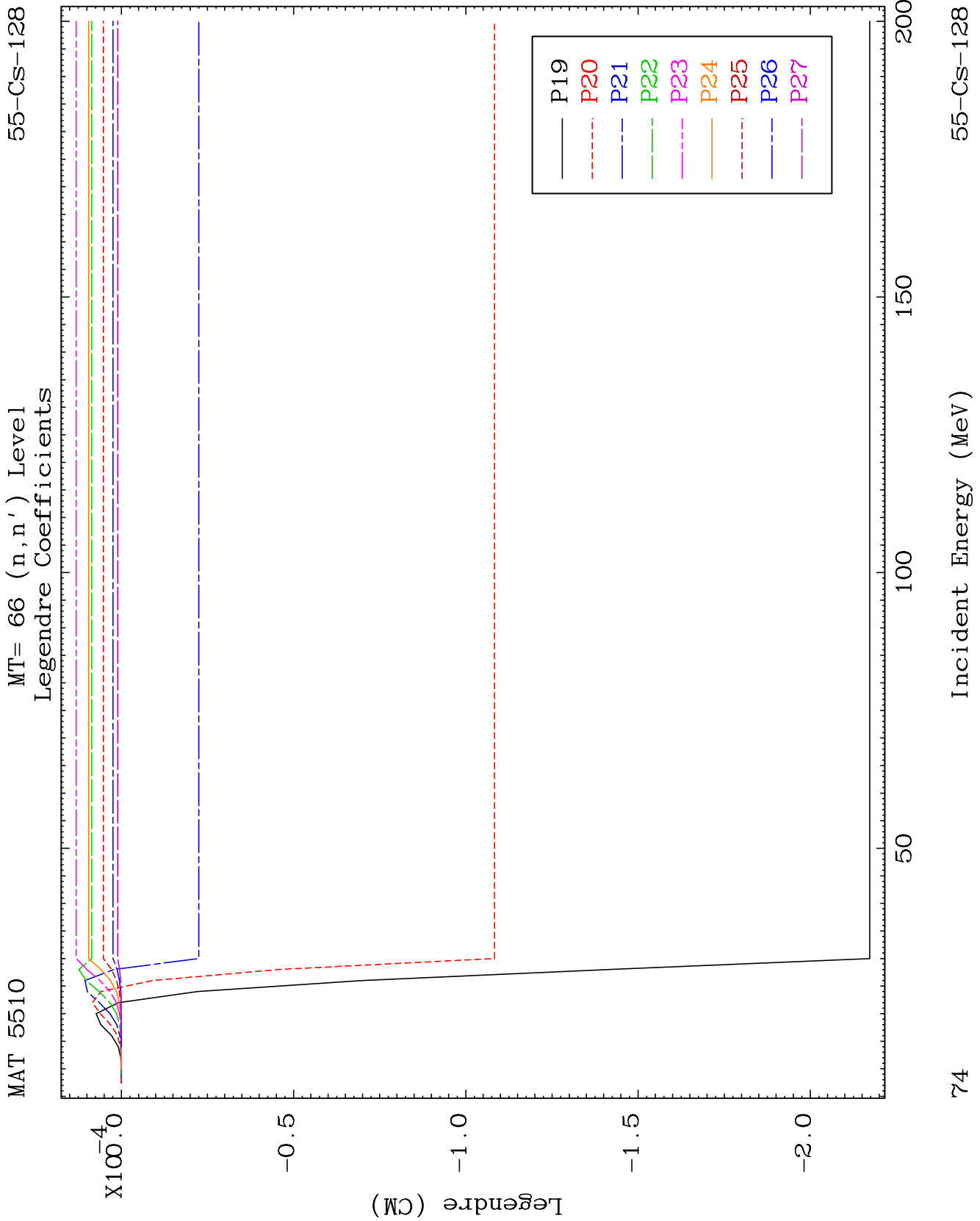
55-Cs-128



73

Incident Energy (MeV)

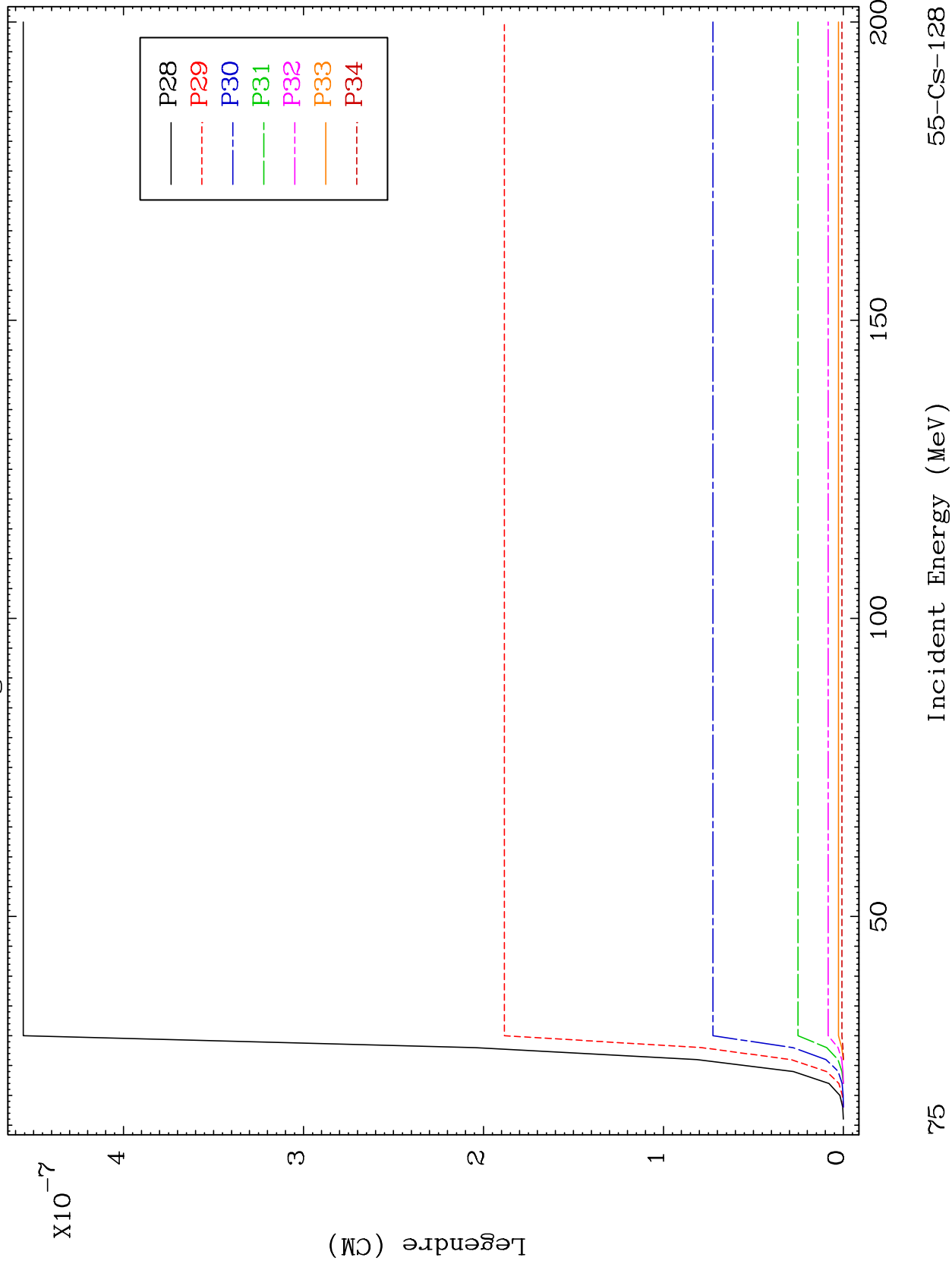
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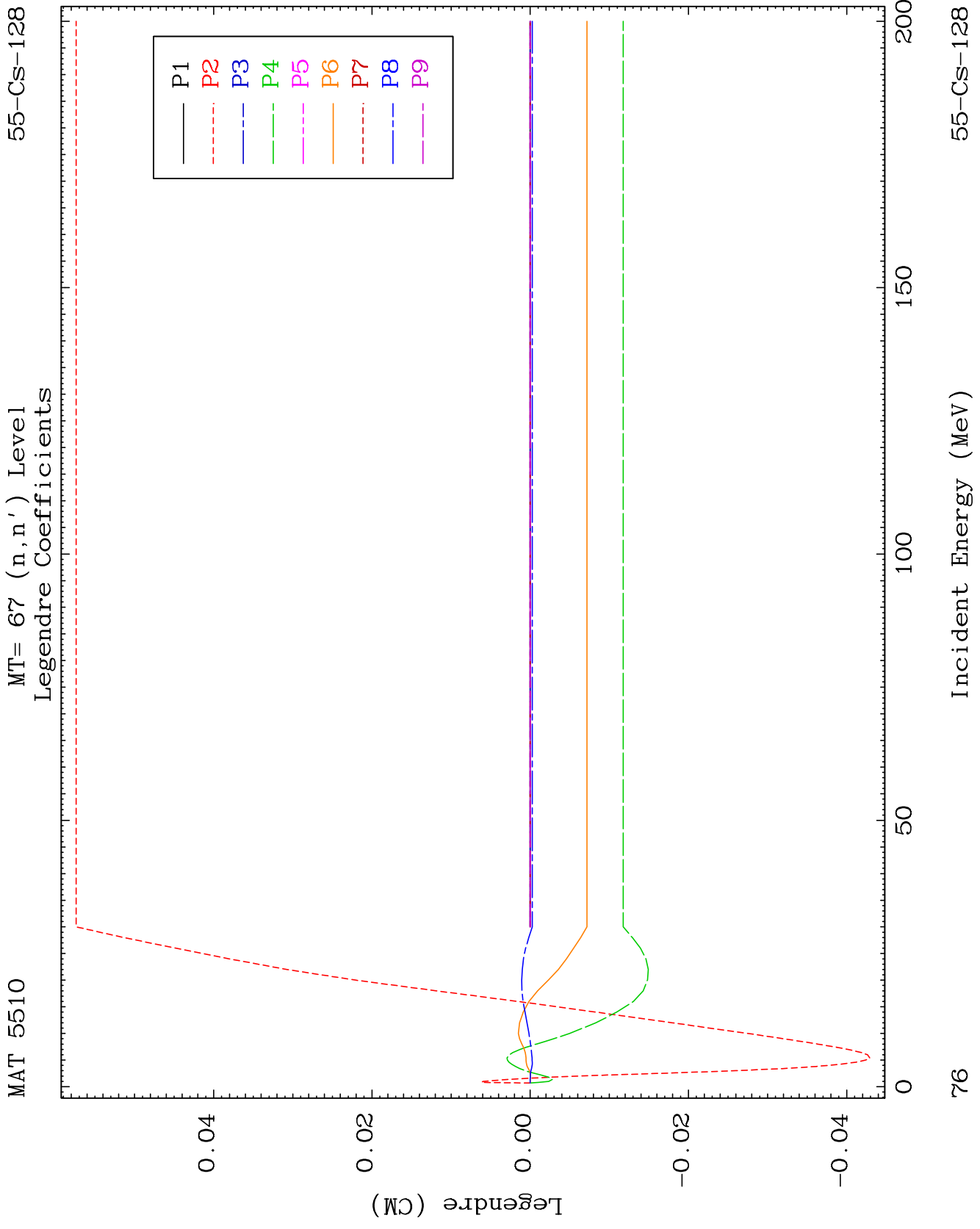


MAT 5510

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

55-Cs-128

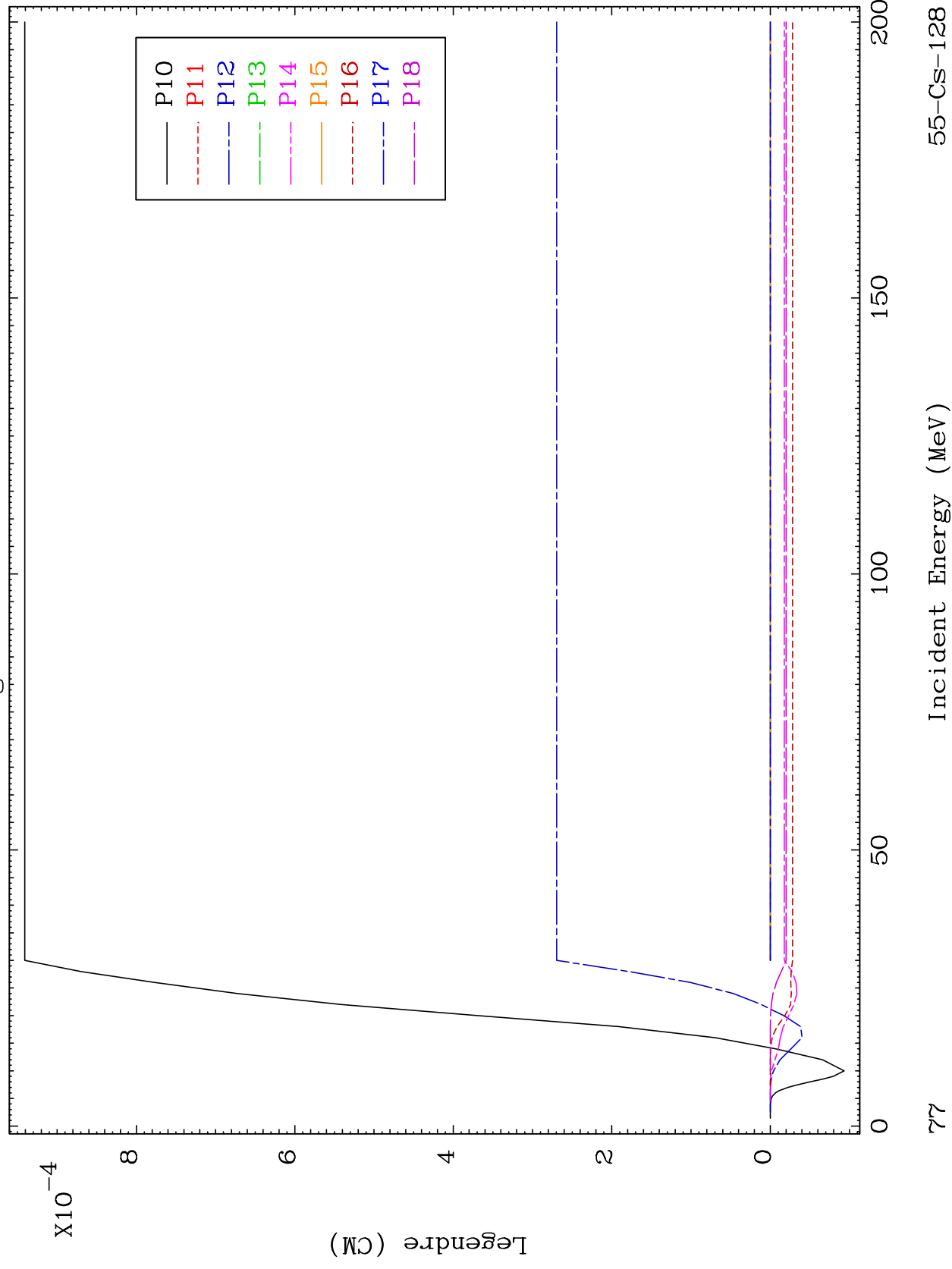




MAT 5510

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

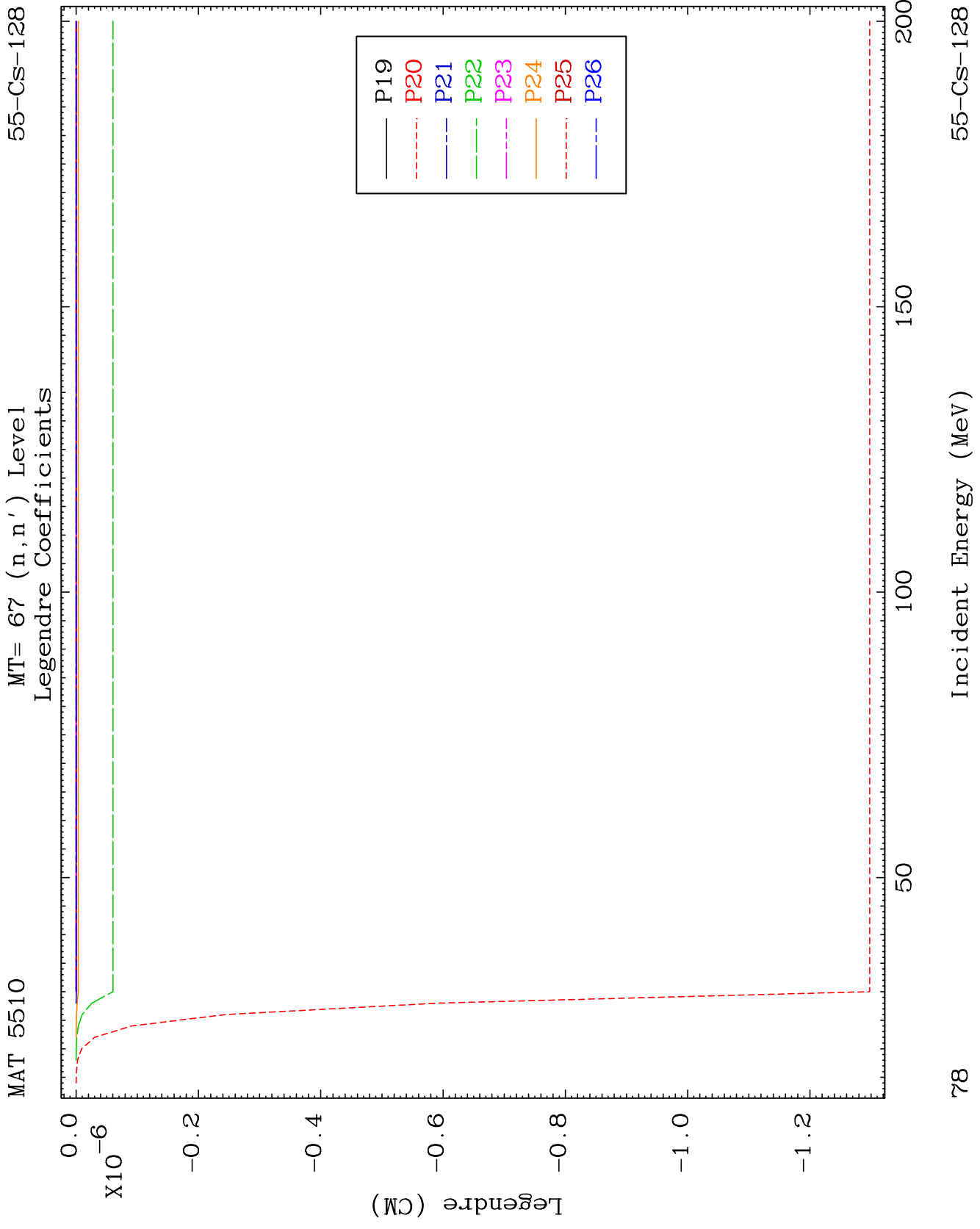
55-Cs-128



77

Incident Energy (MeV)

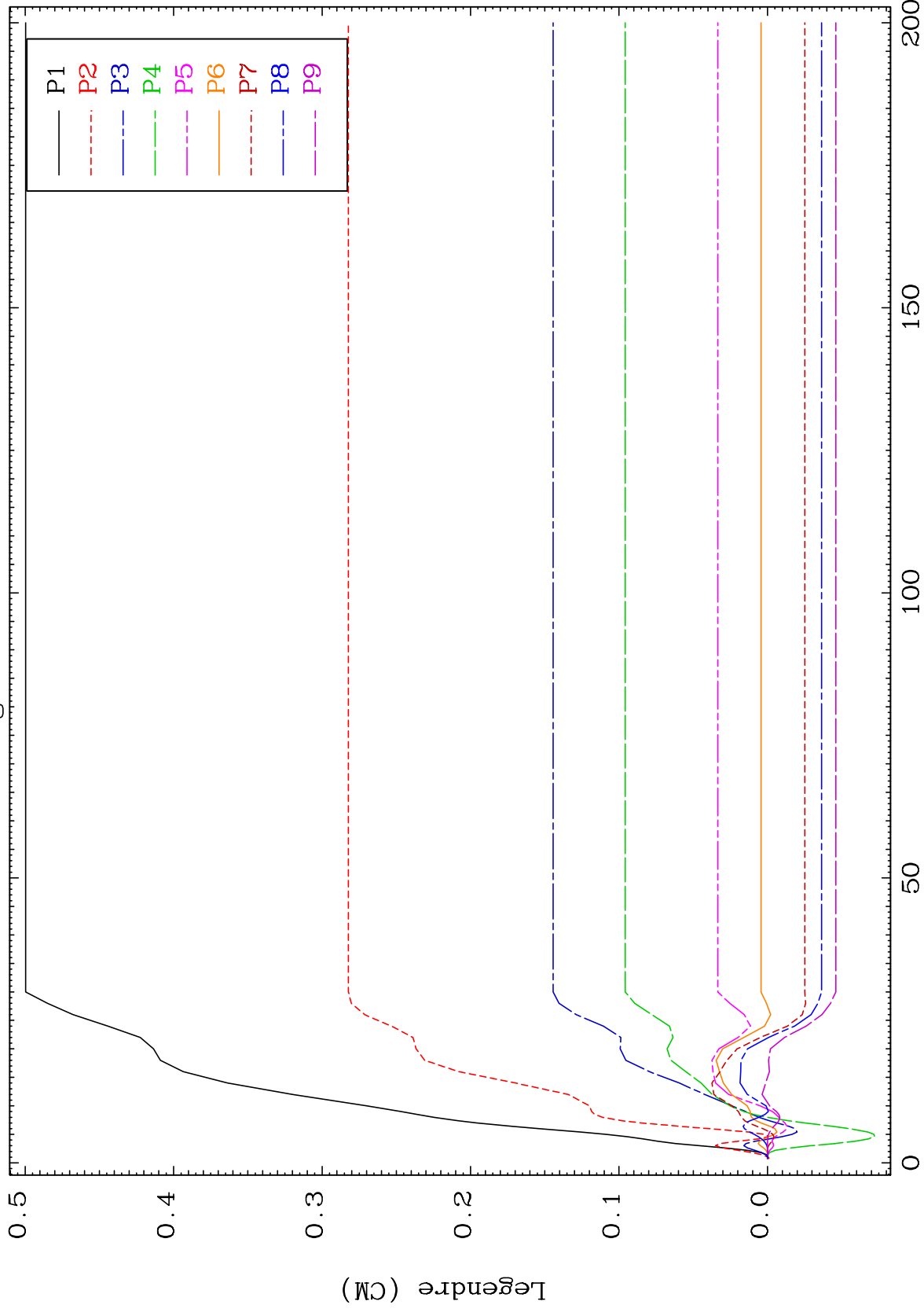
55-Cs-128



MAT 5510

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

55-Cs-128



79

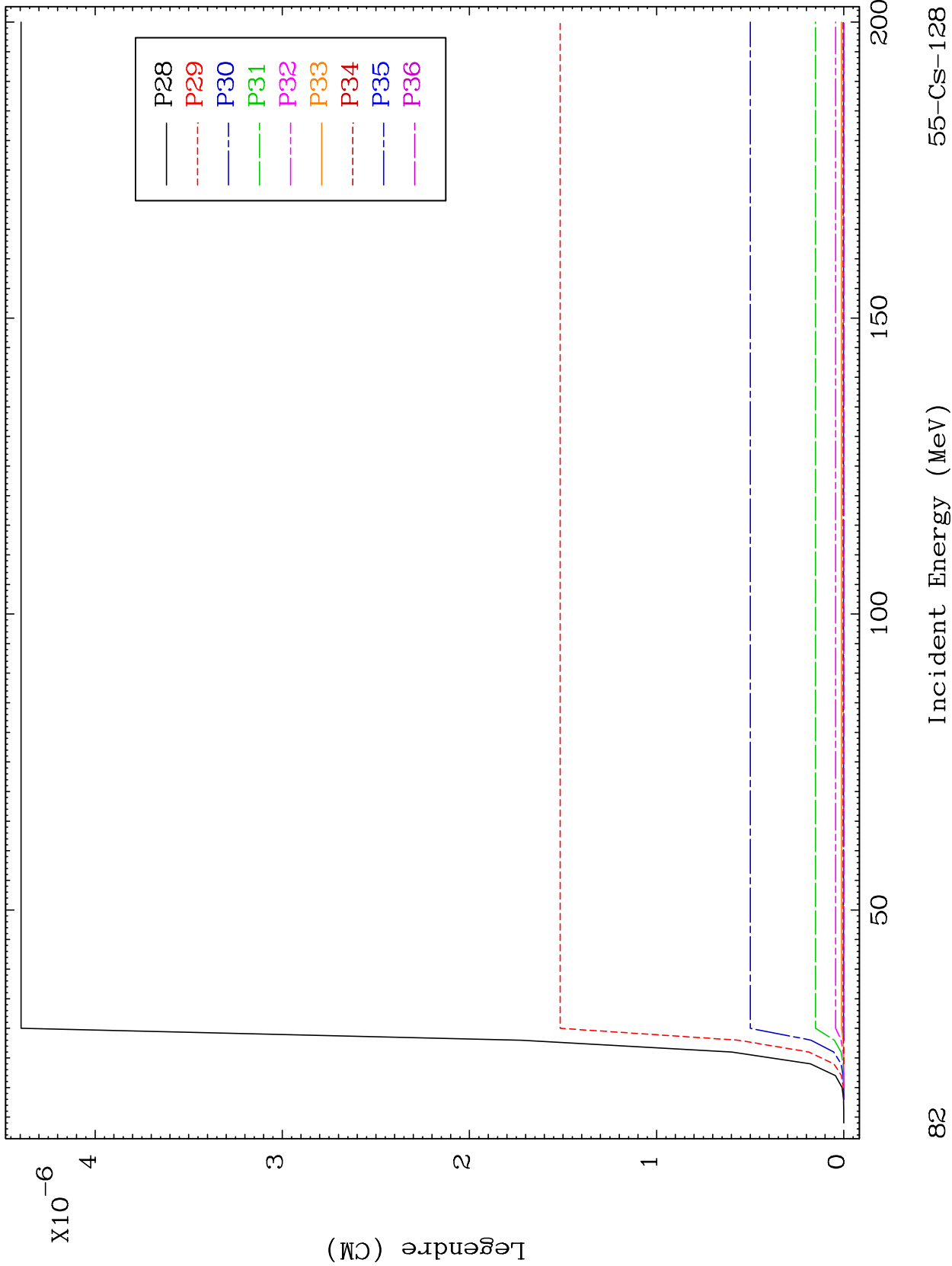
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

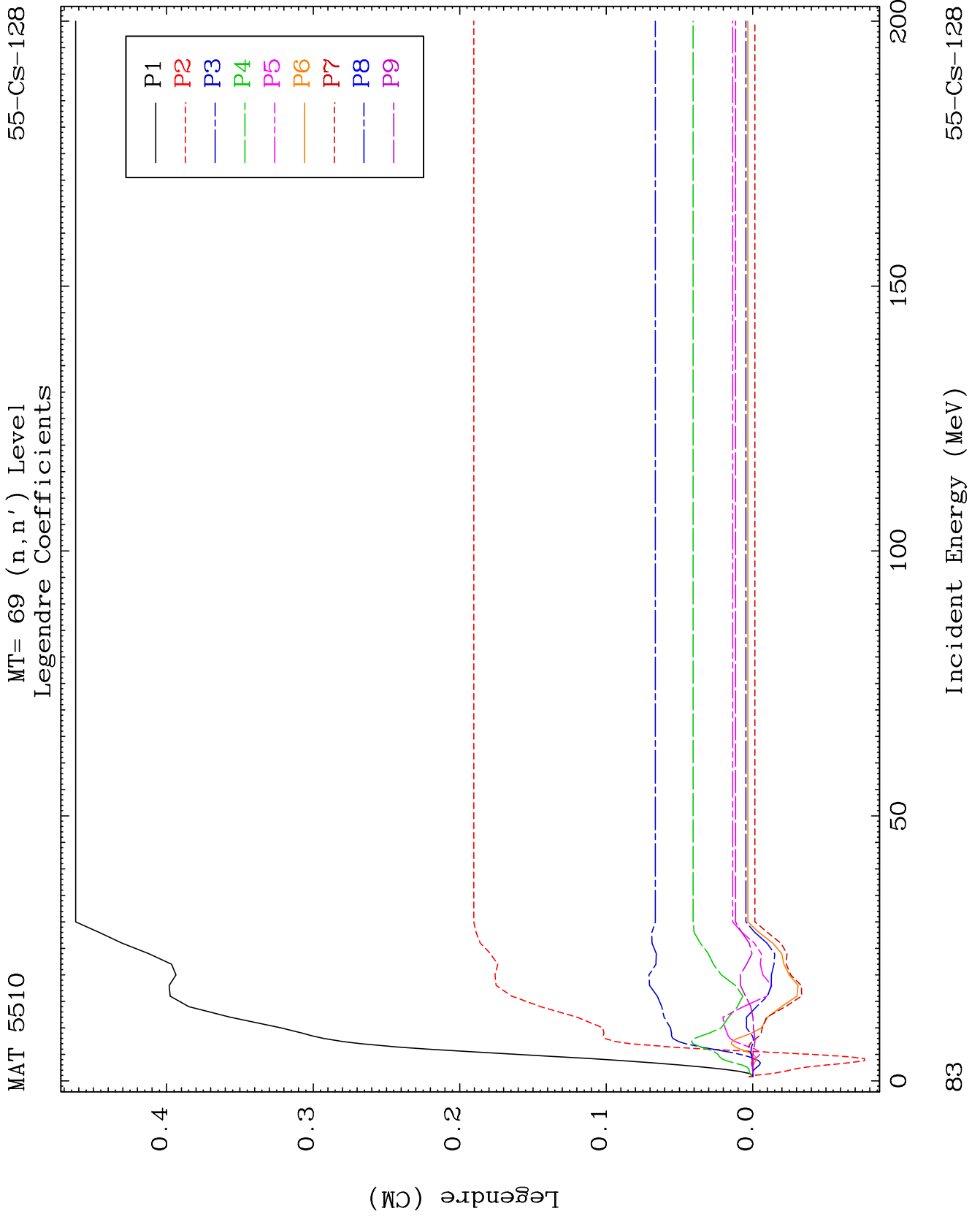
55-Cs-128

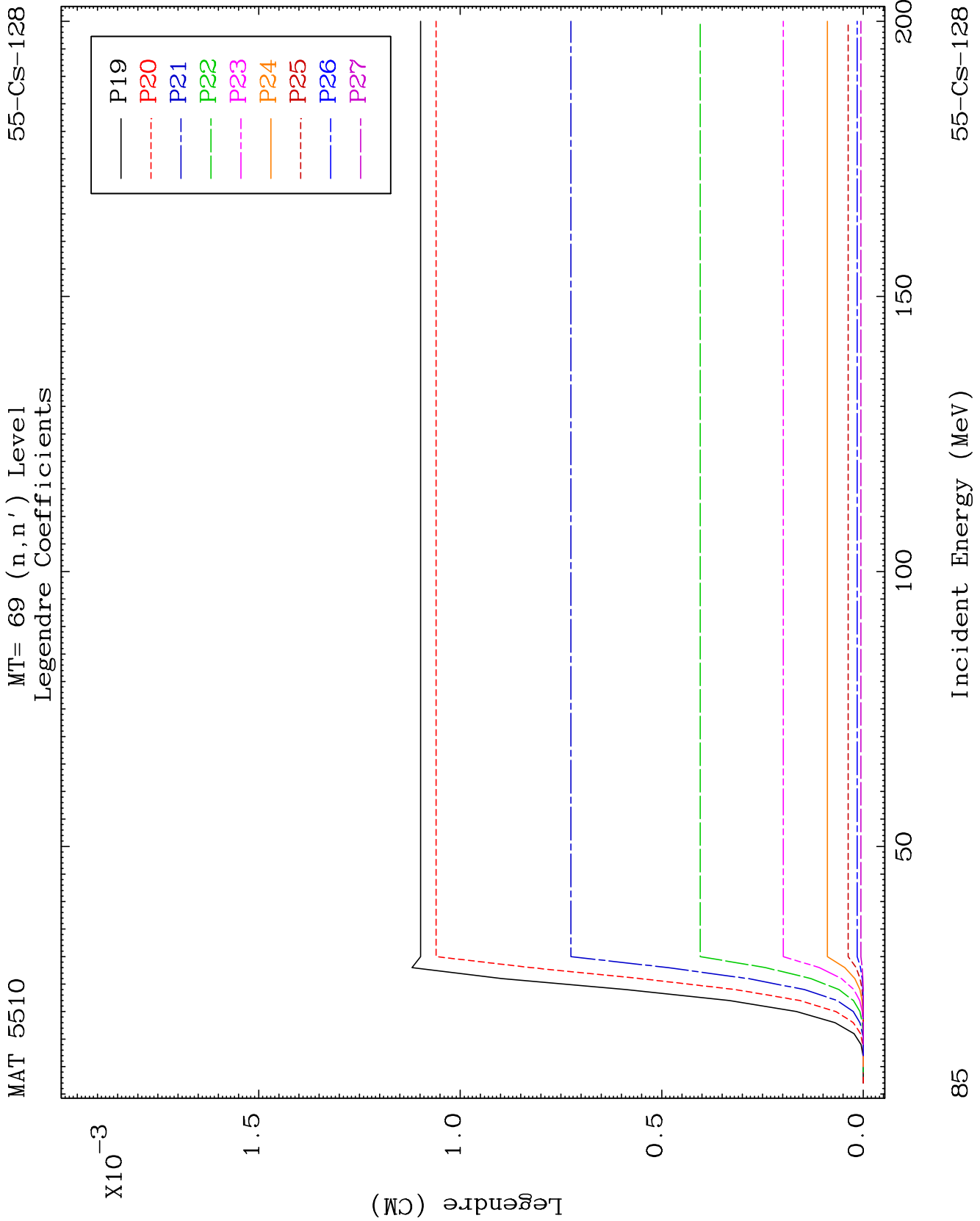


82

Incident Energy (MeV)

55-Cs-128

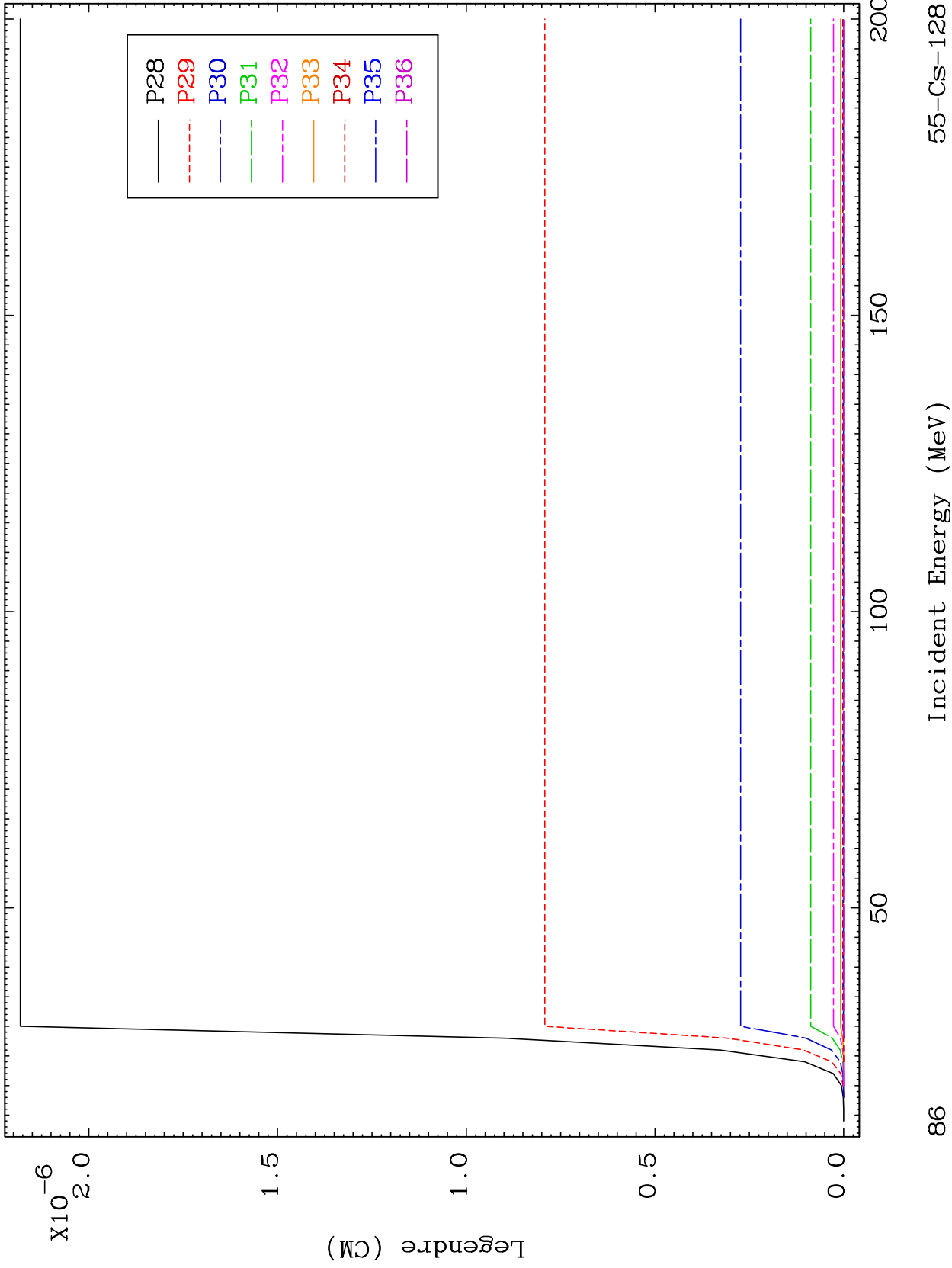




MAT 5510

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

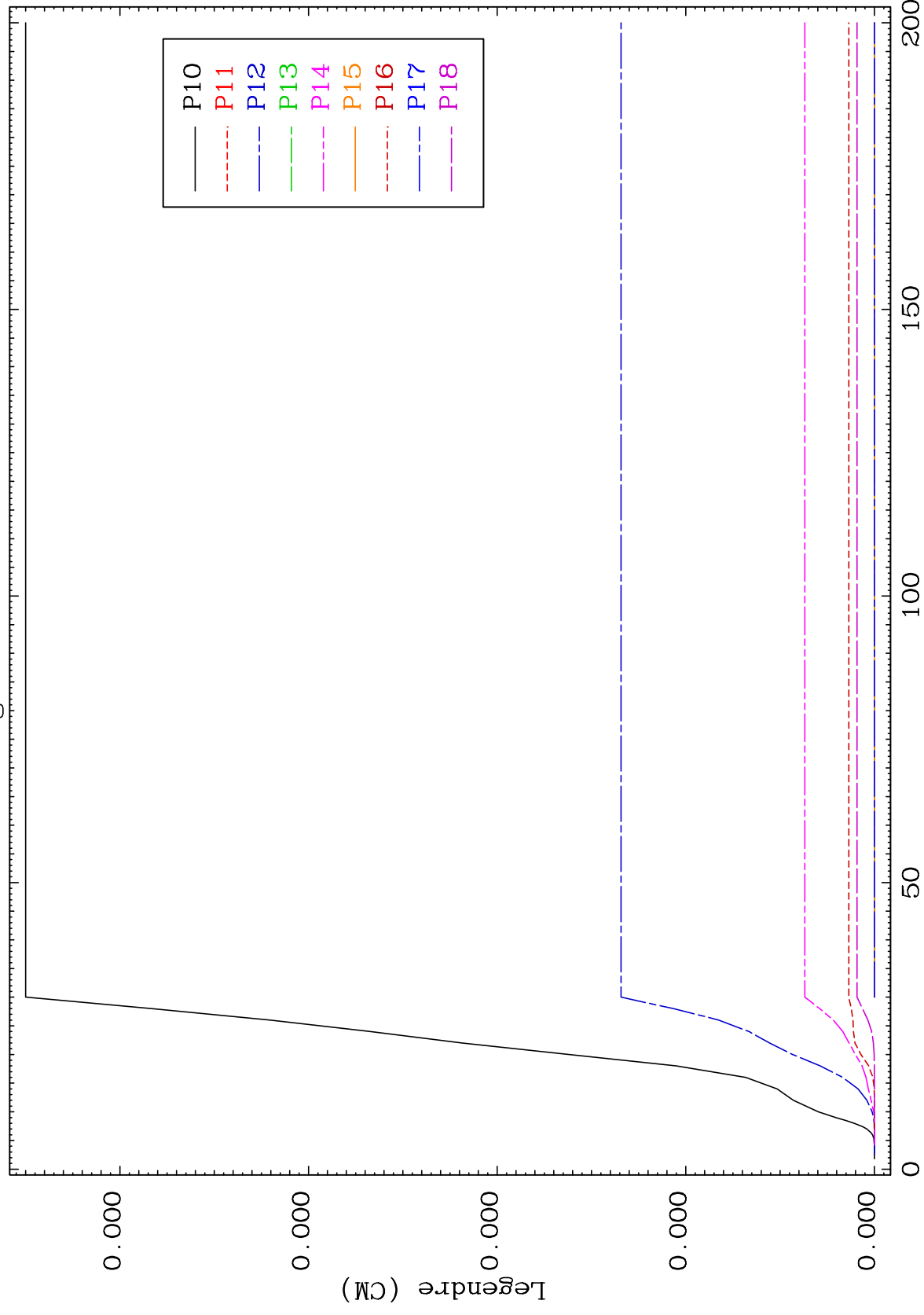
55-Cs-128



MAT 5510

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

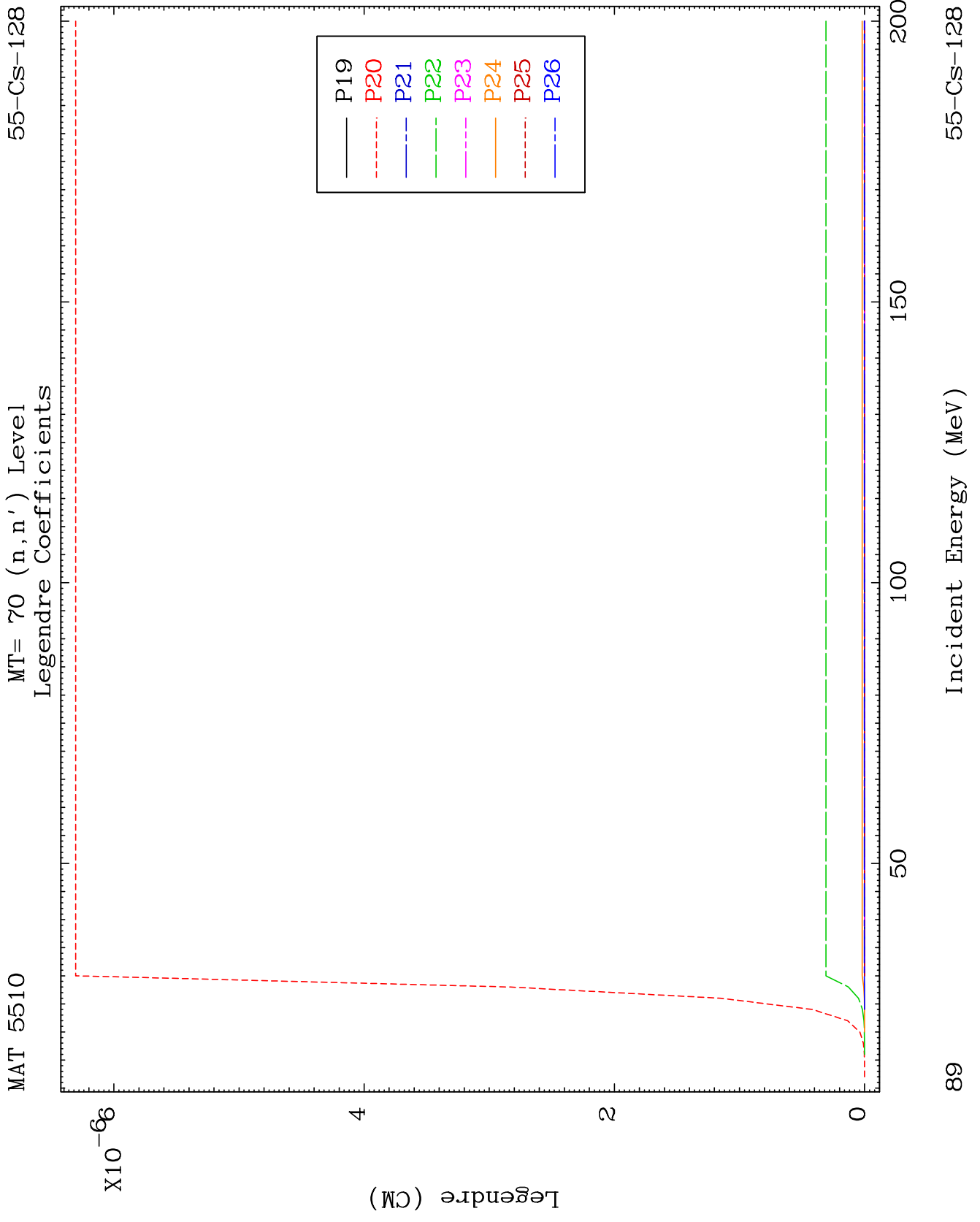
55-Cs-128

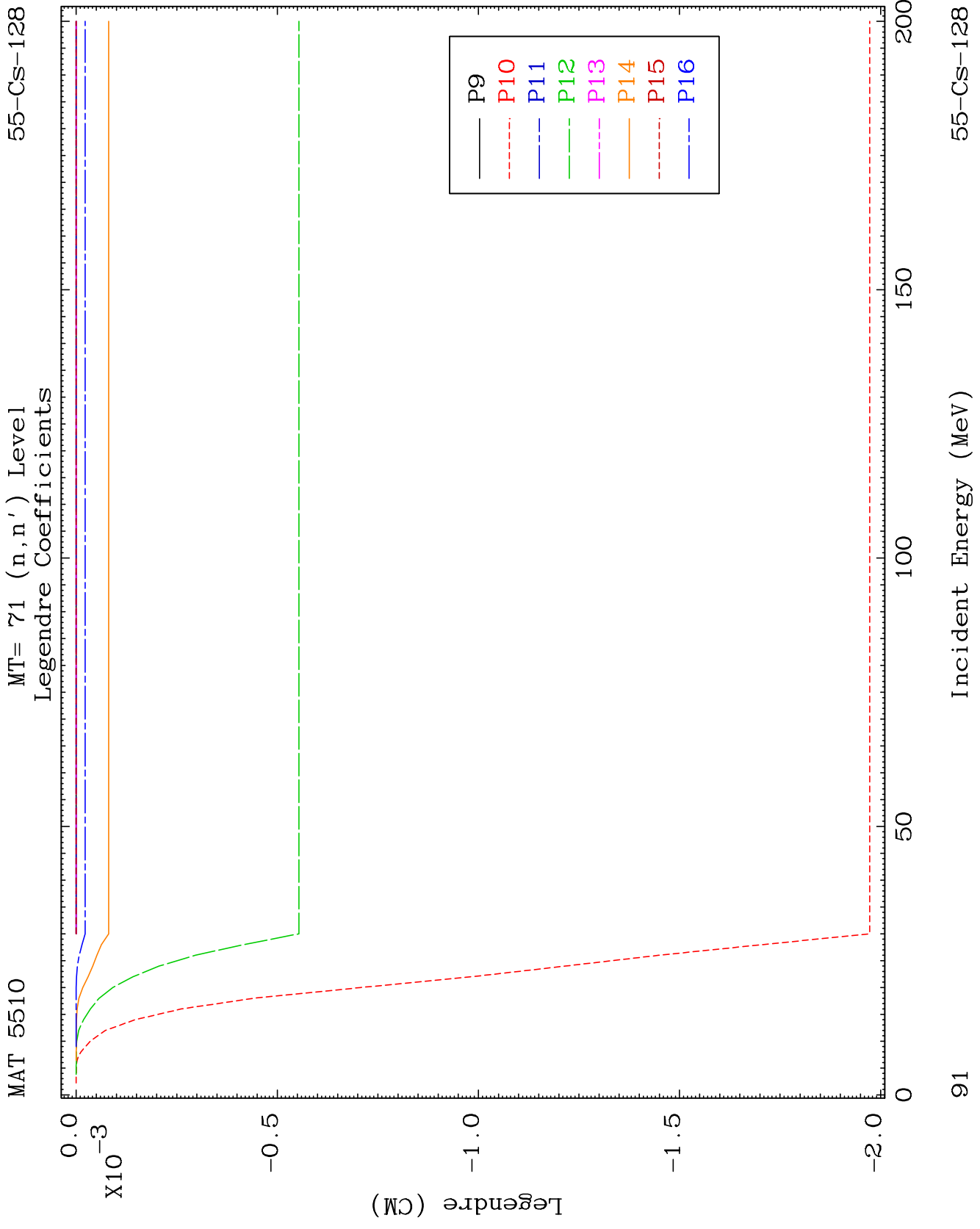


88

Incident Energy (MeV)

55-Cs-128

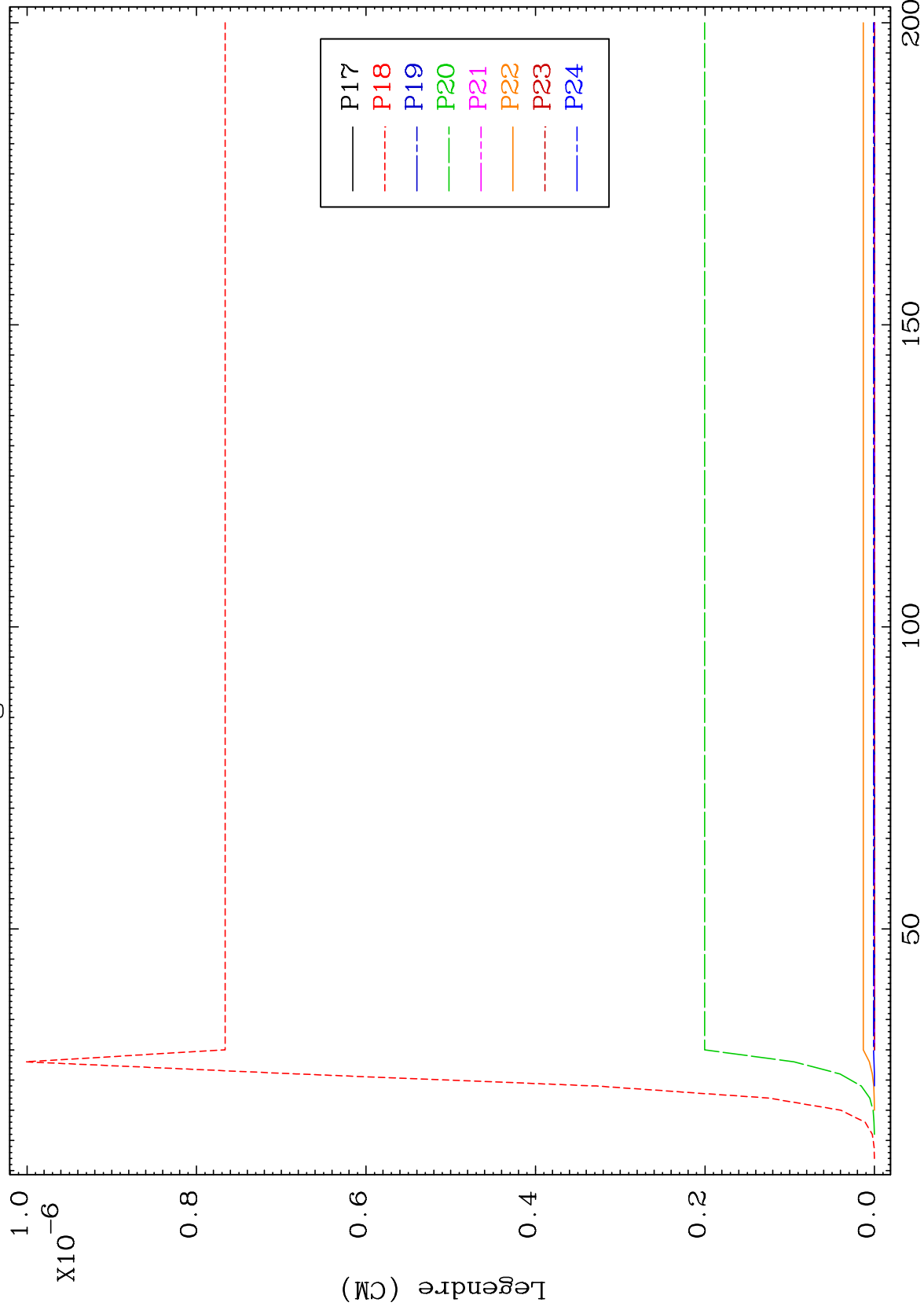




MAT 5510

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

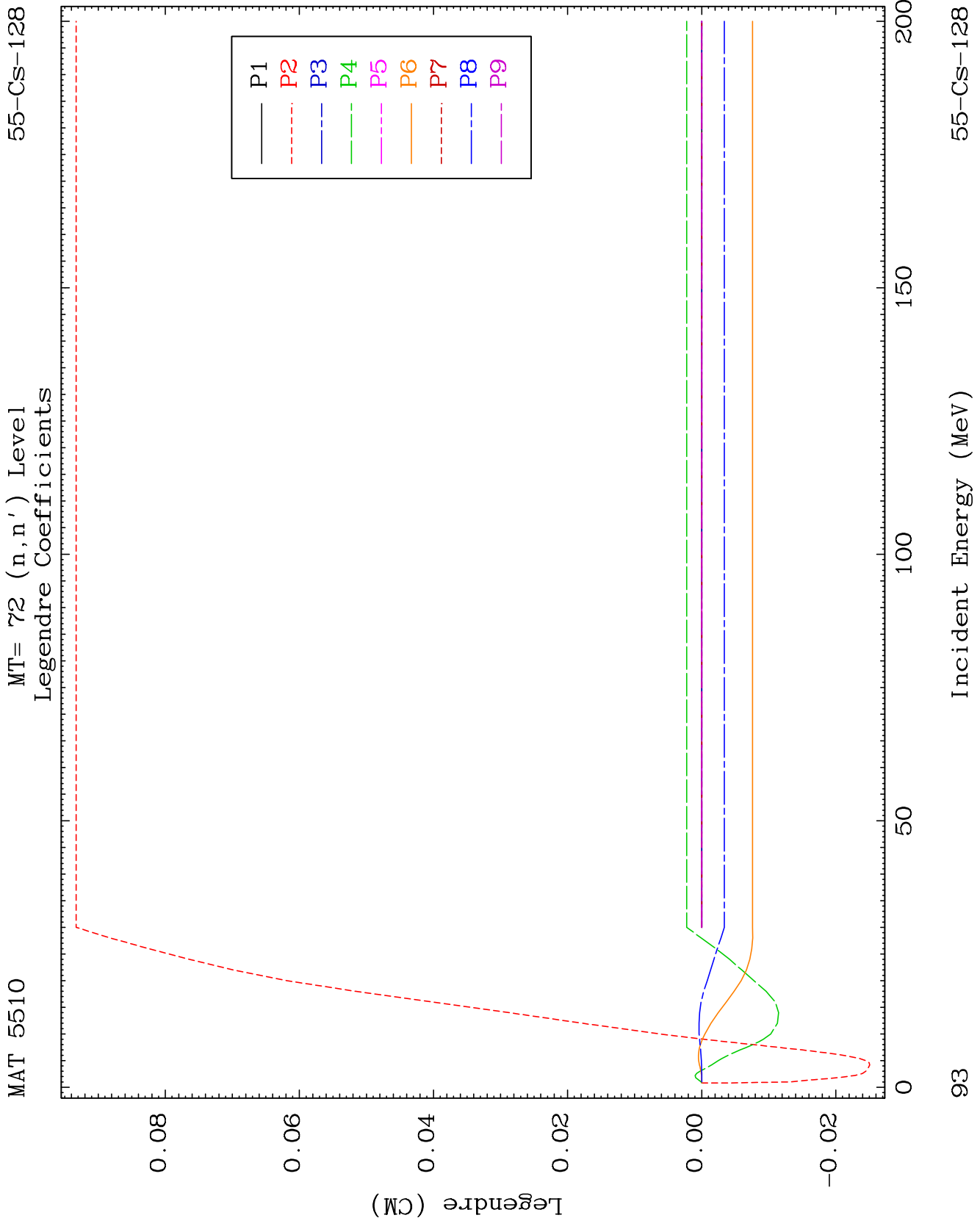
55-Cs-128



55-Cs-128

Incident Energy (MeV)

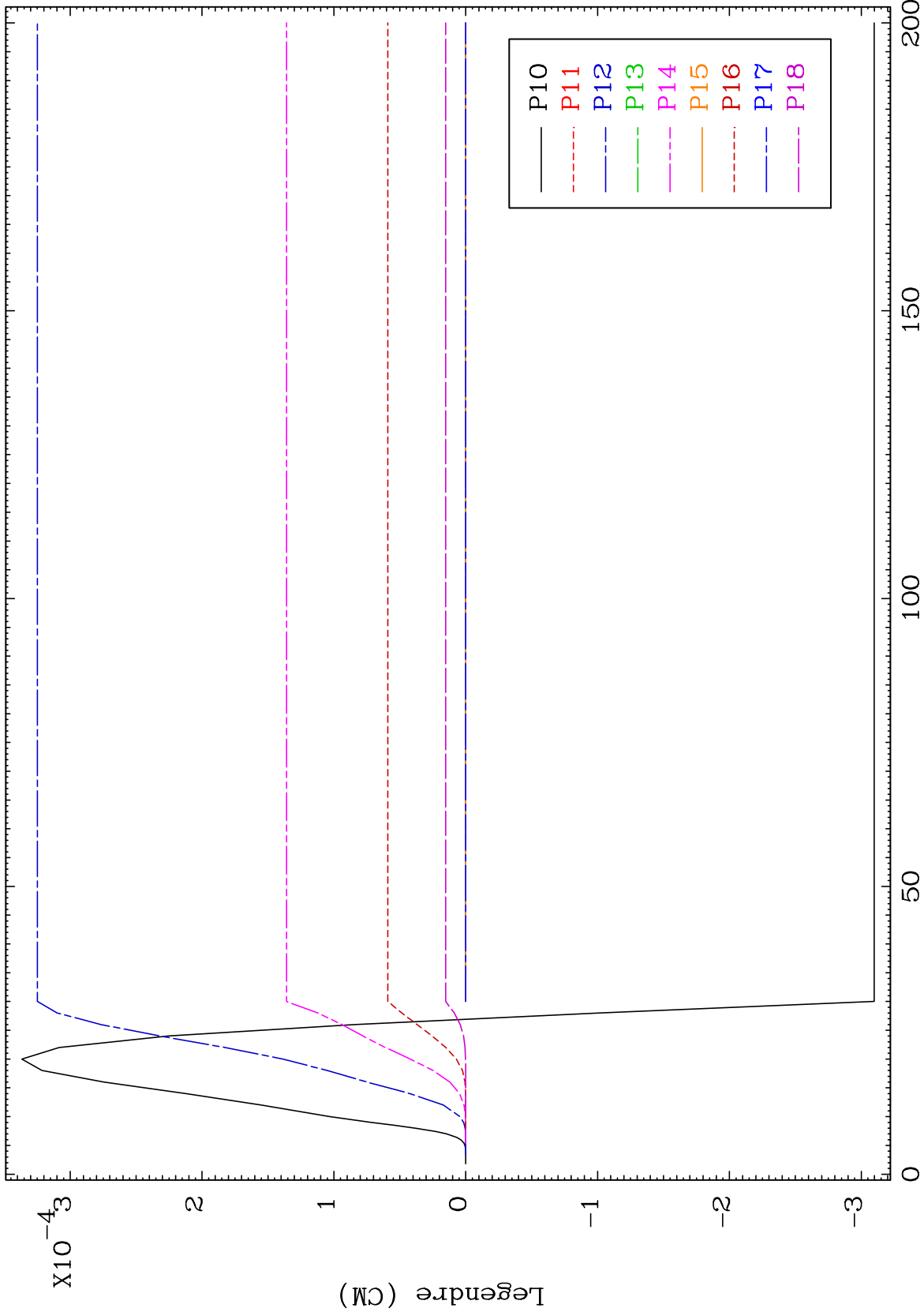
92



MAT 5510

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

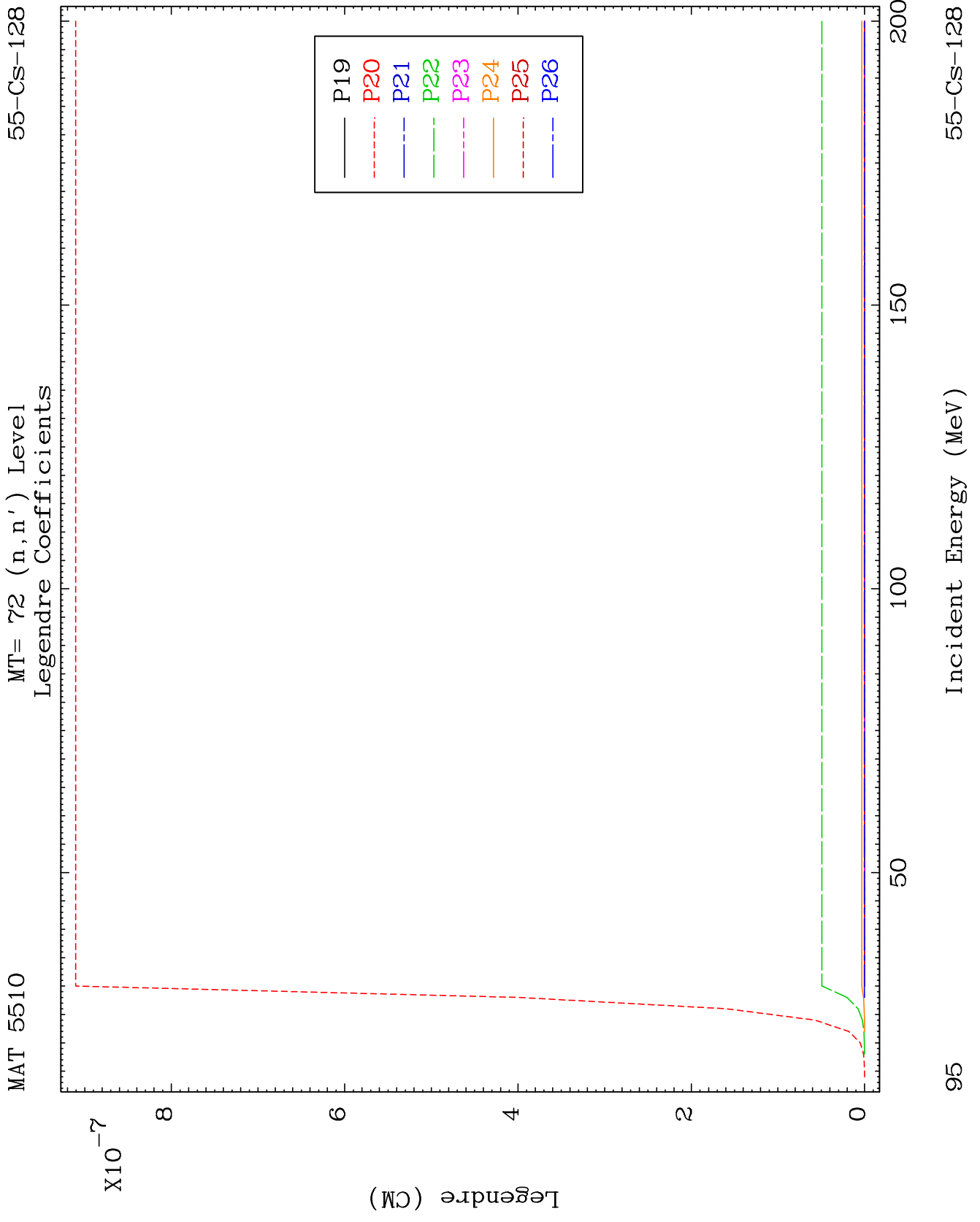
55-Cs-128



94

Incident Energy (MeV)

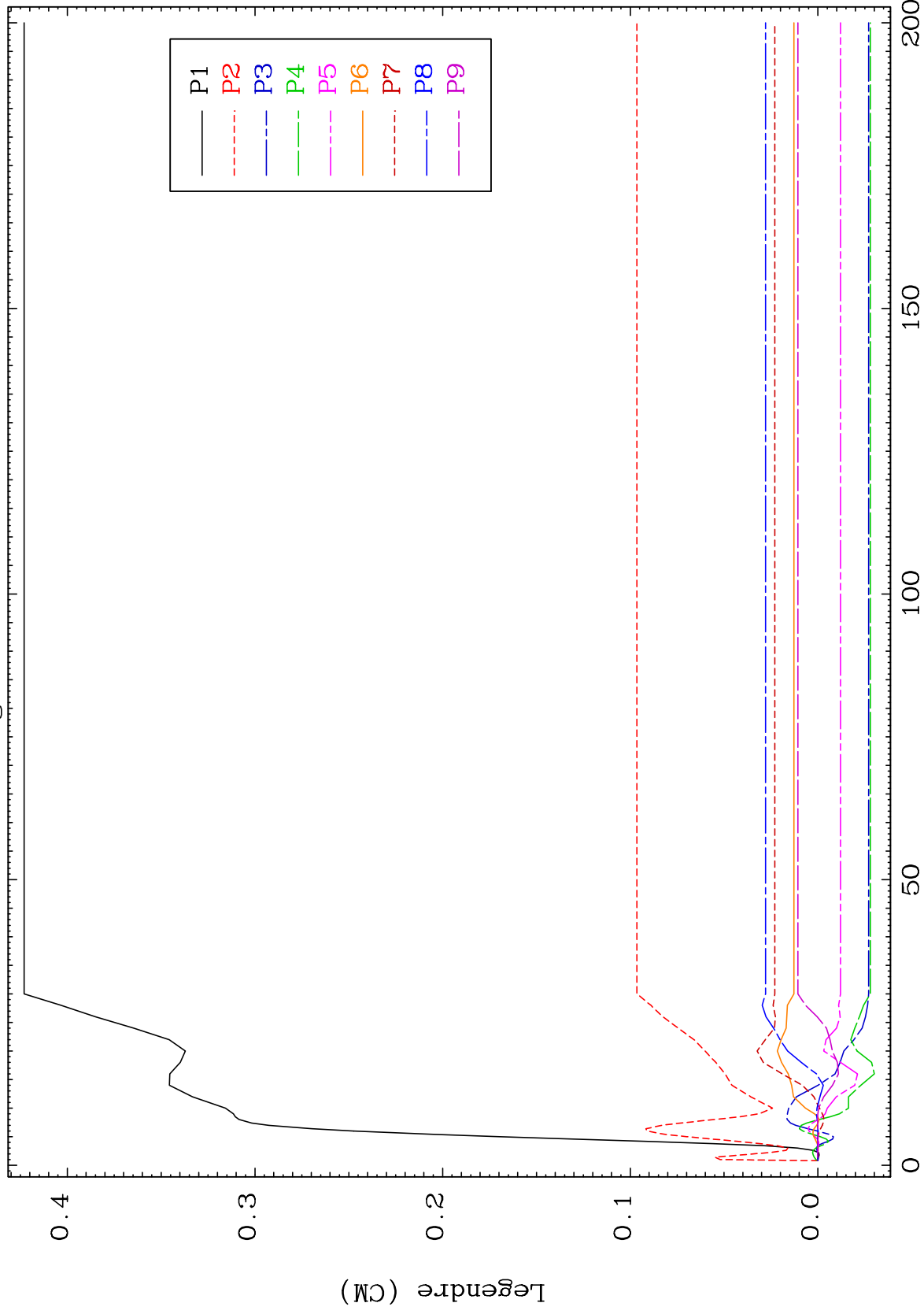
55-Cs-128



MAT 5510

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

55-Cs-128



96

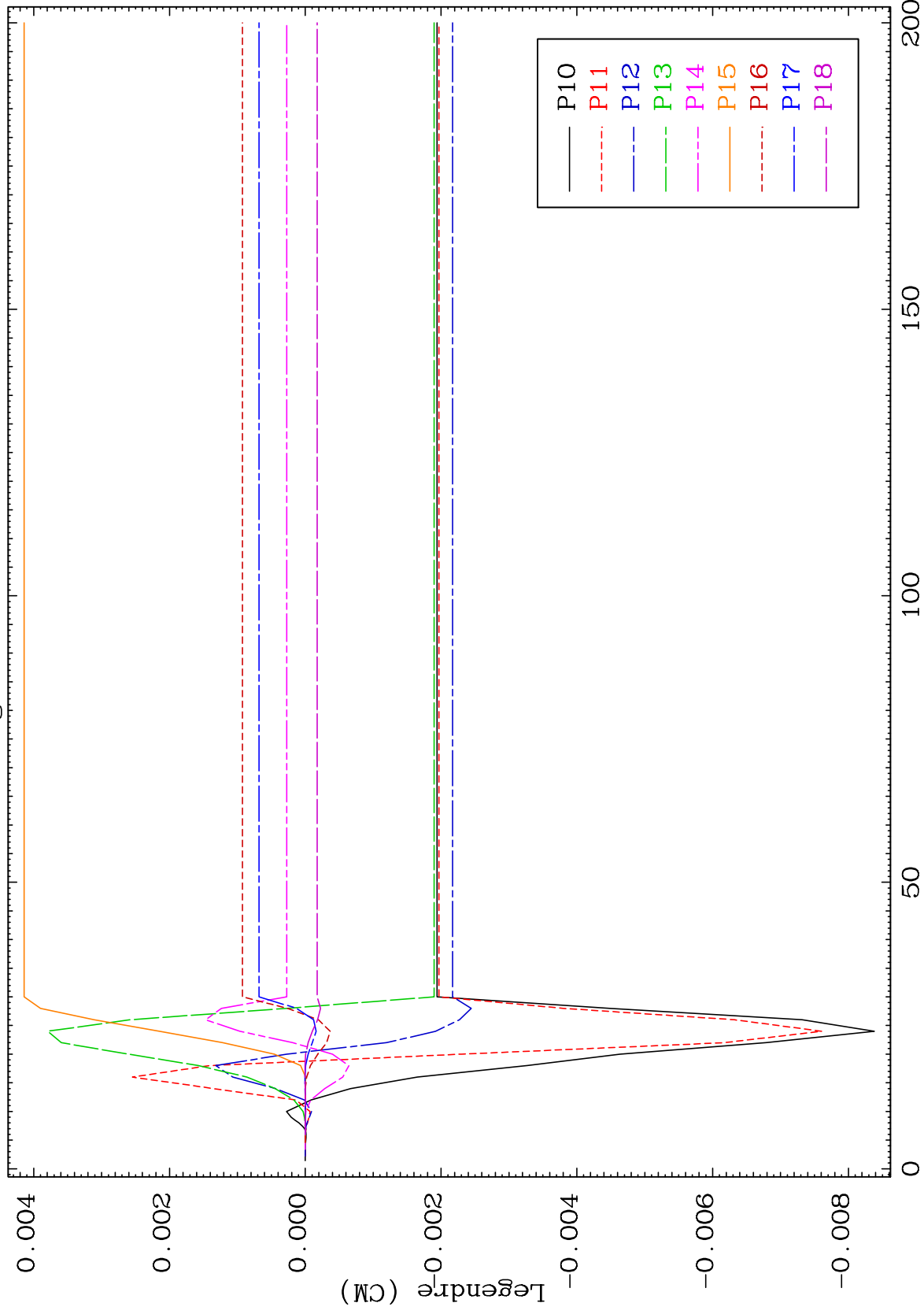
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

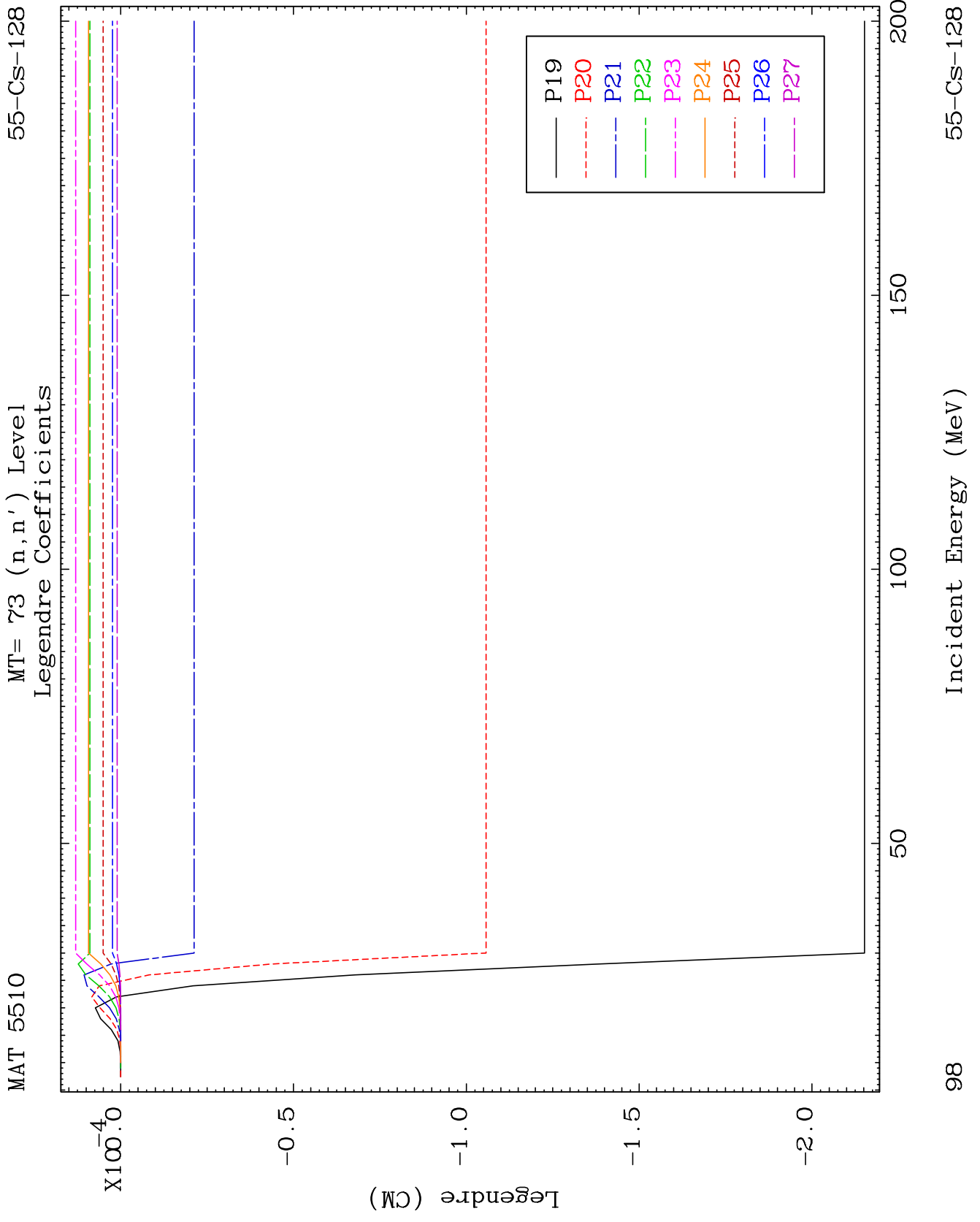
55-Cs-128



97

Incident Energy (MeV)

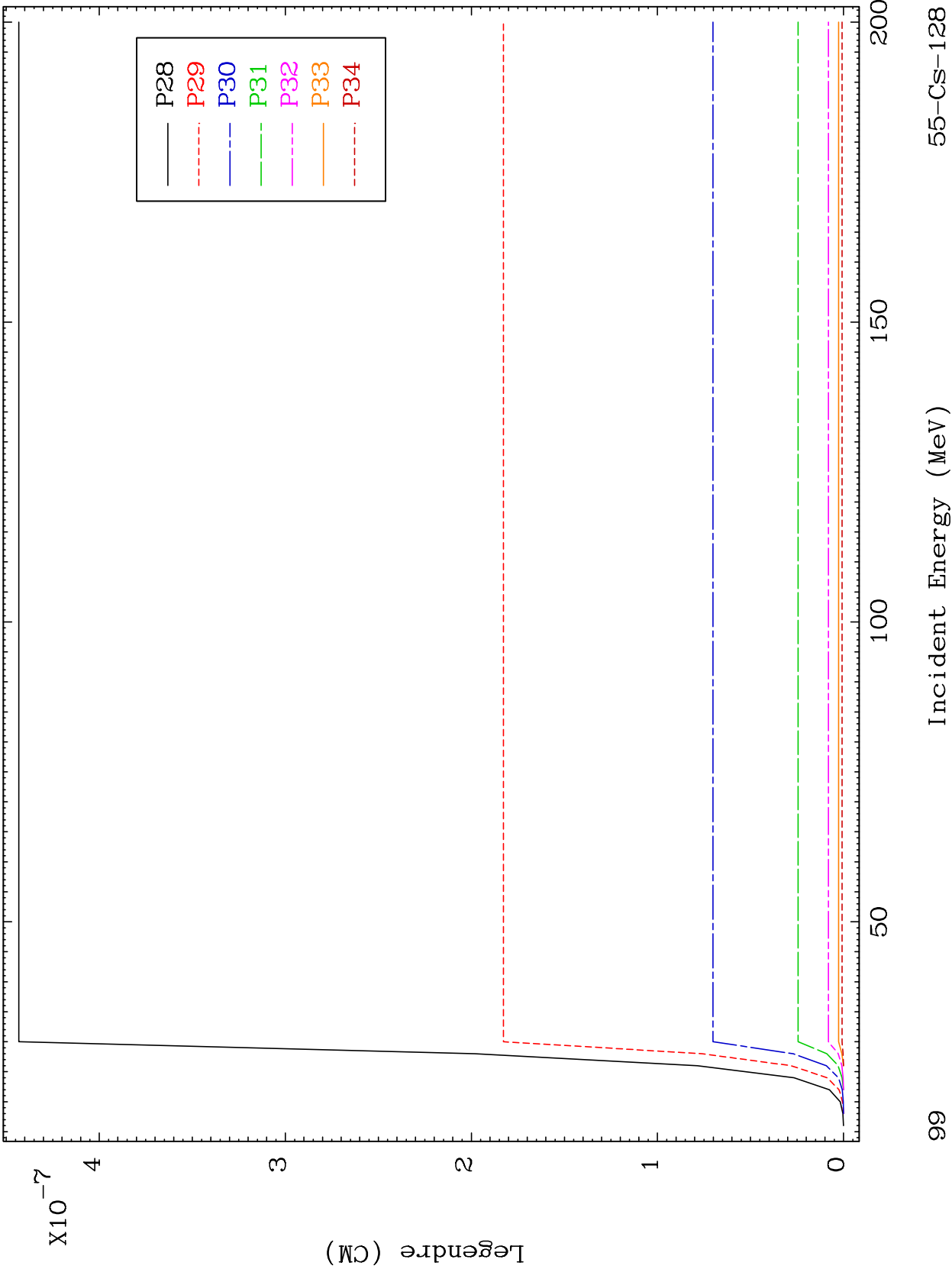
55-Cs-128



MAT 5510

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

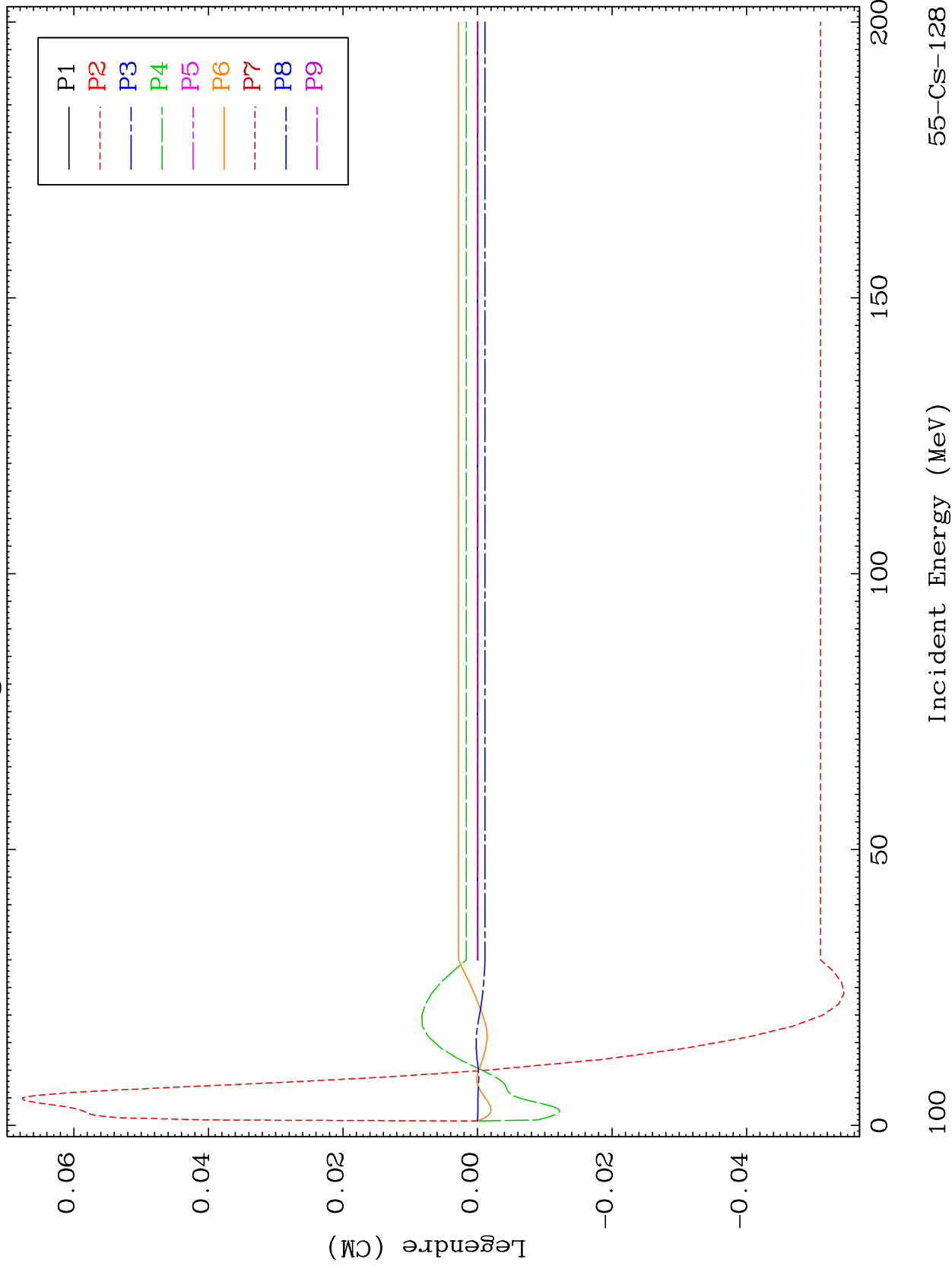
55-Cs-128



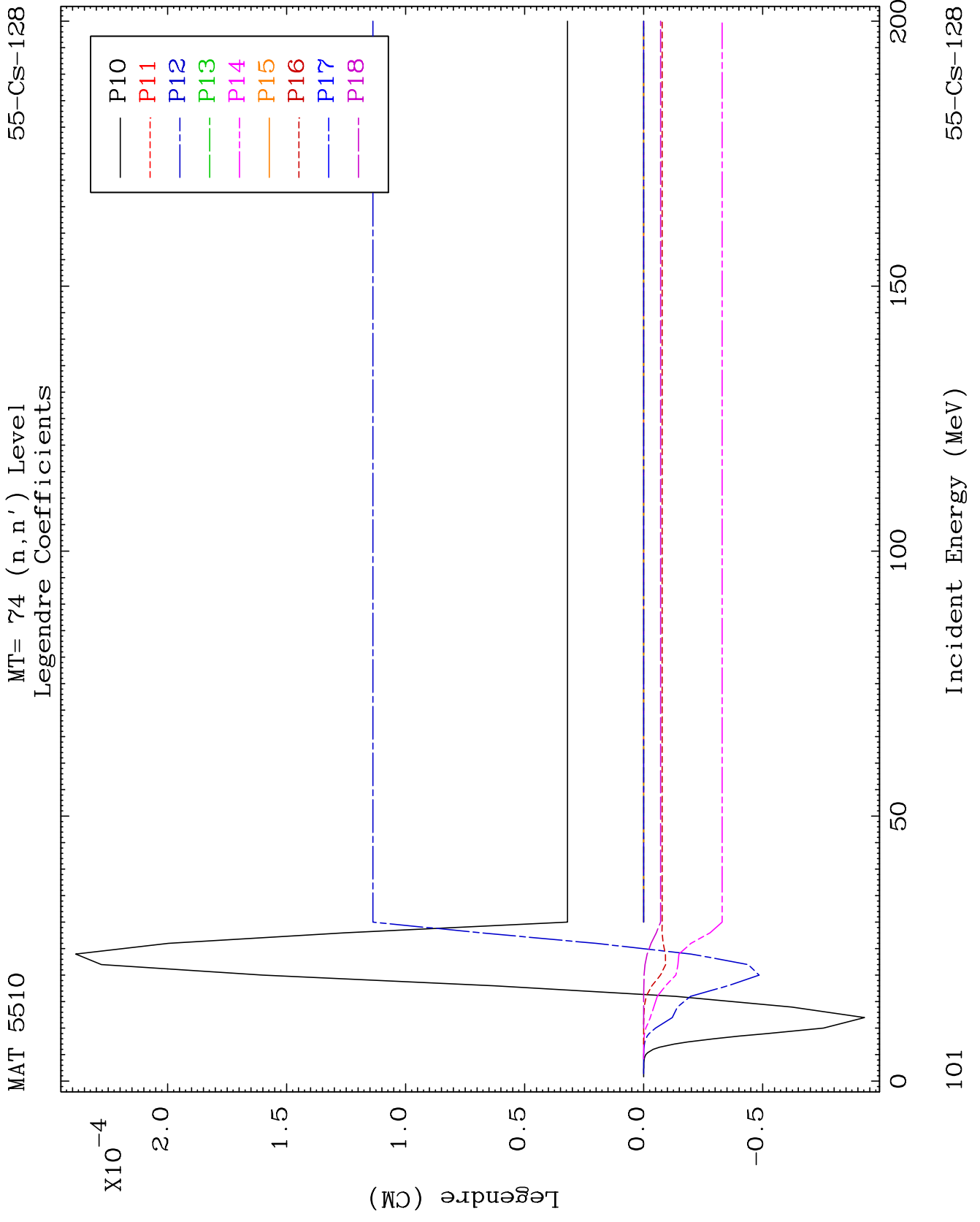
MAT 5510

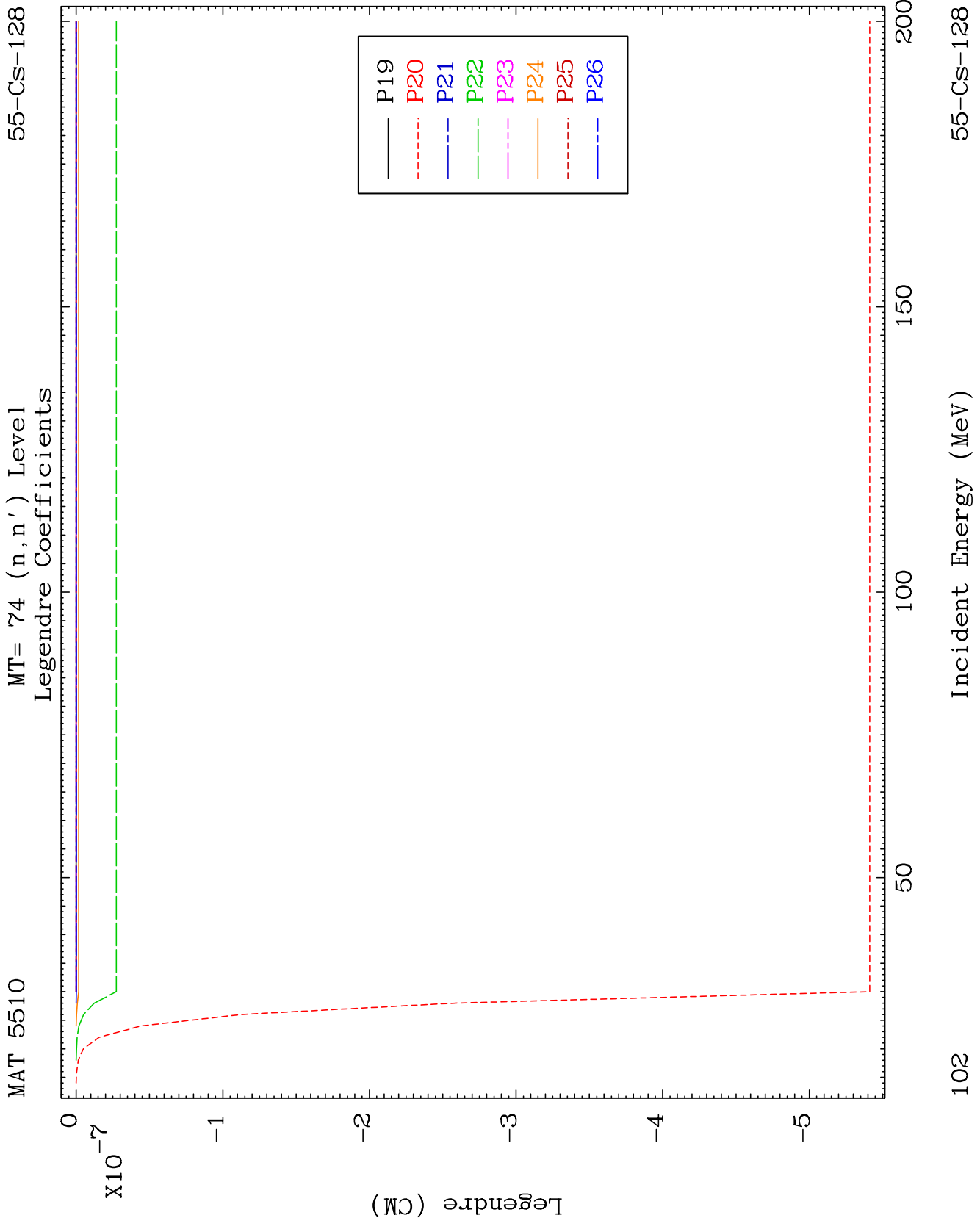
MT= 74 (n,n') Level
Legendre Coefficients

55-Cs-128



55-Cs-128

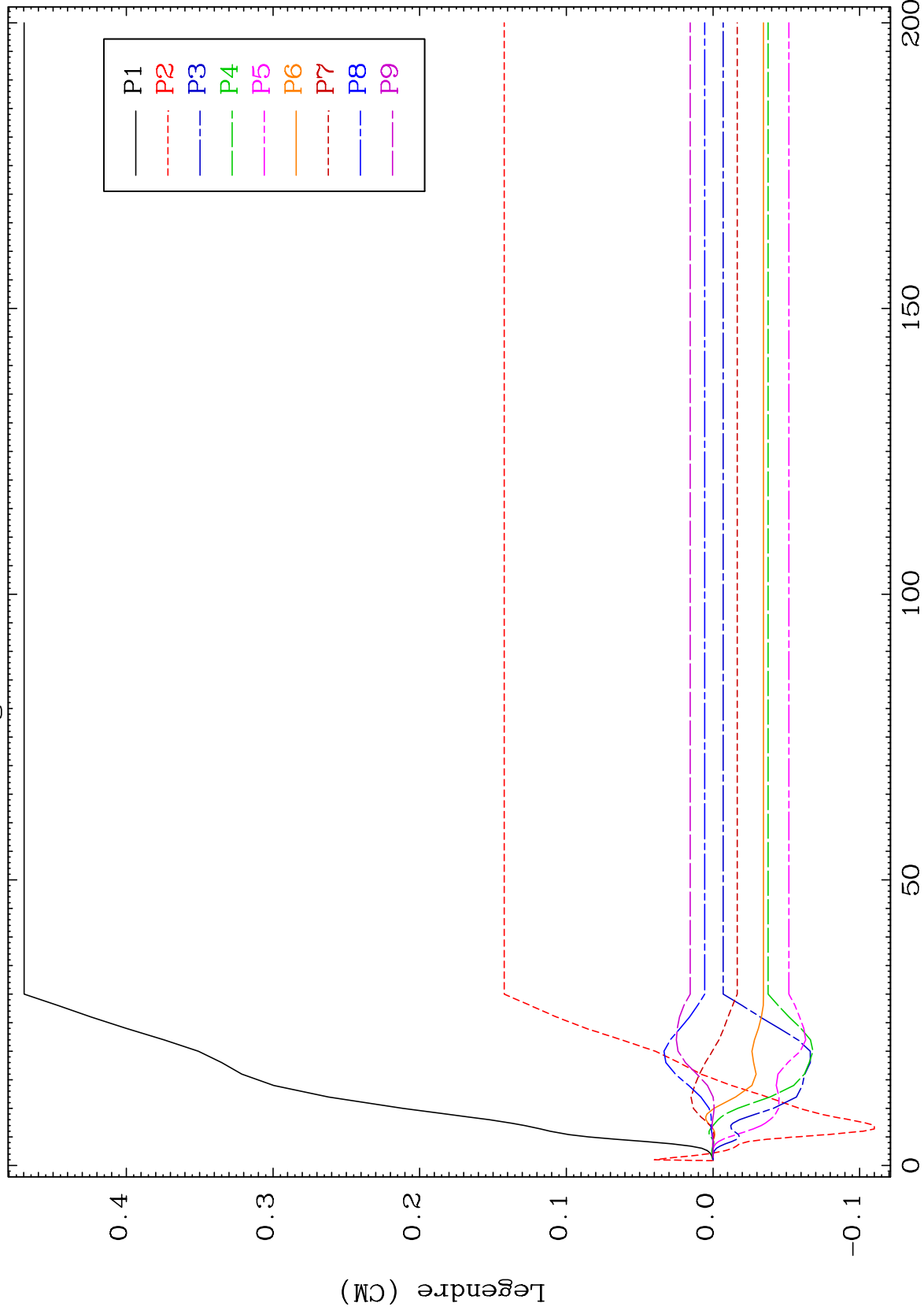




MAT 5510

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

55-Cs-128



55-Cs-128

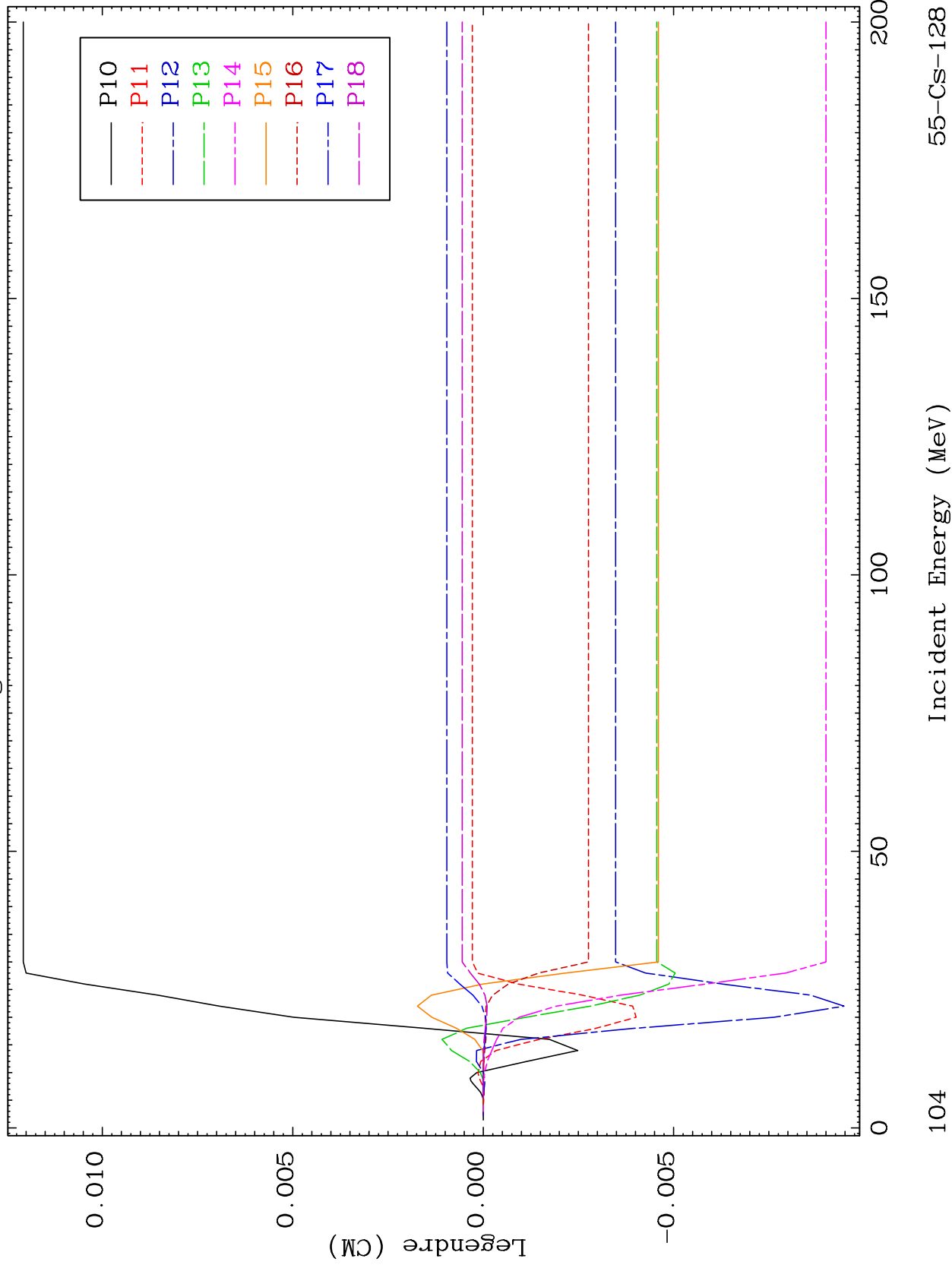
Incident Energy (MeV)

103

MAT 5510

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

55-Cs-128



104

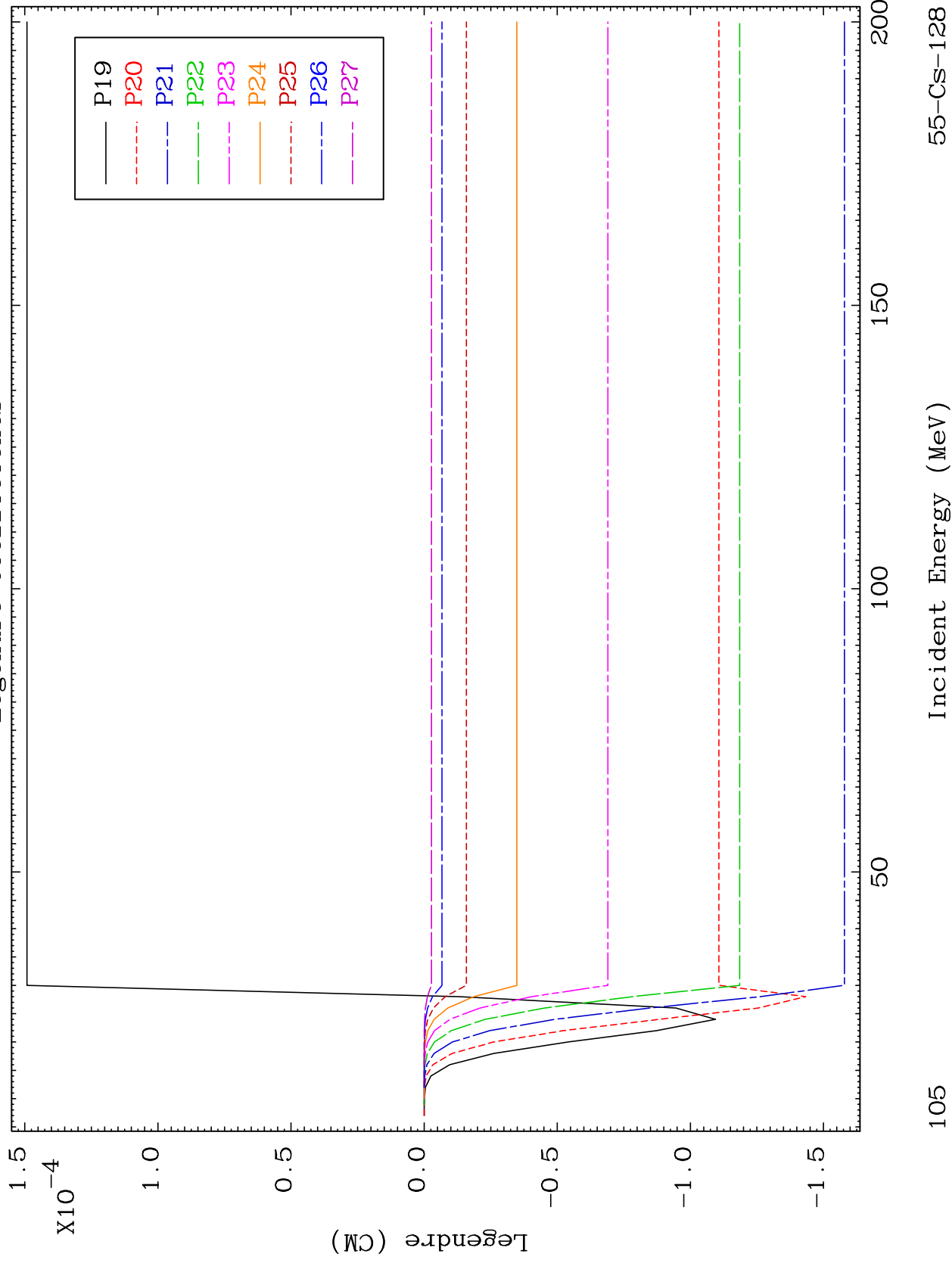
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

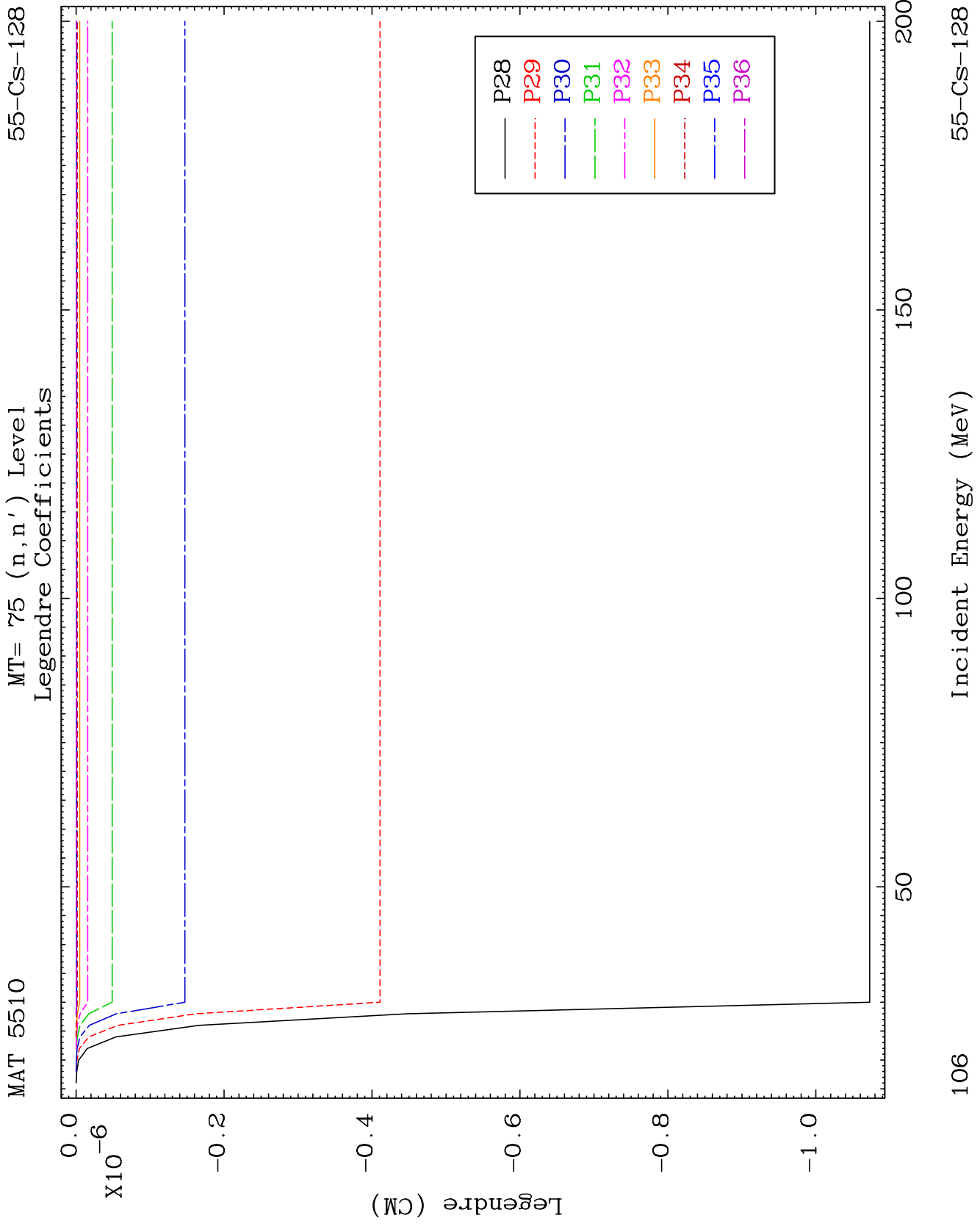
55-Cs-128

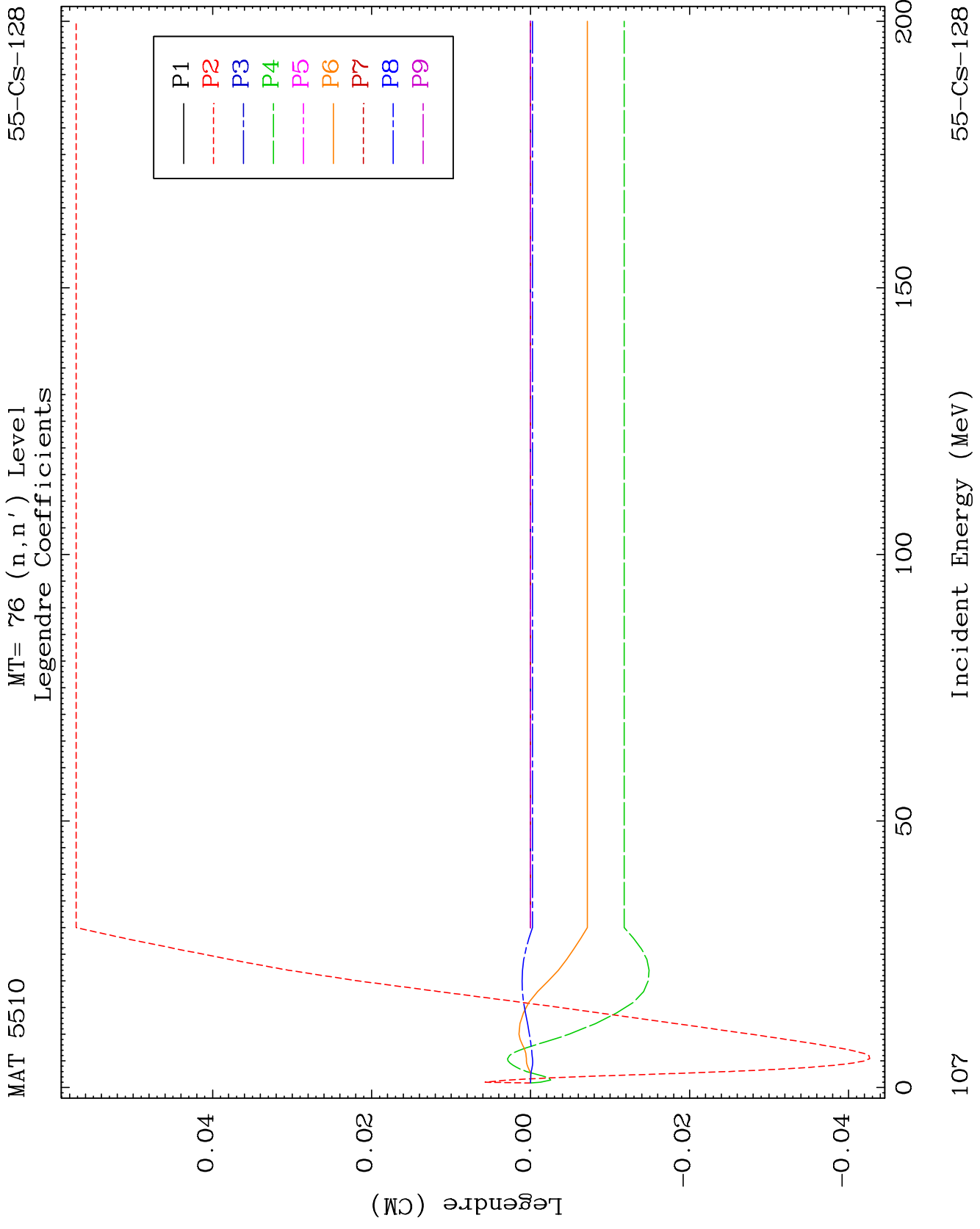


105

Incident Energy (MeV)

55-Cs-128

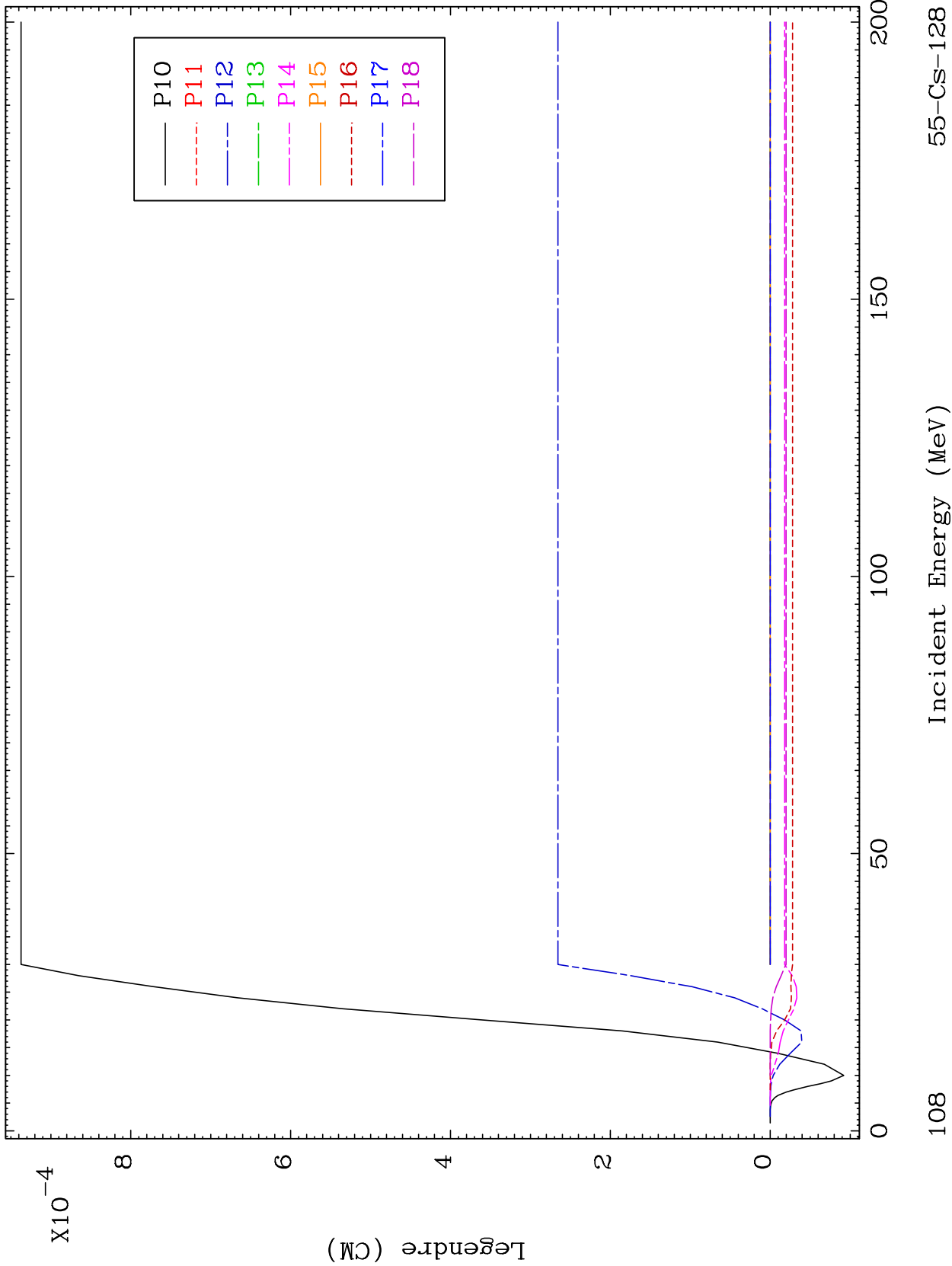




MAT 5510

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

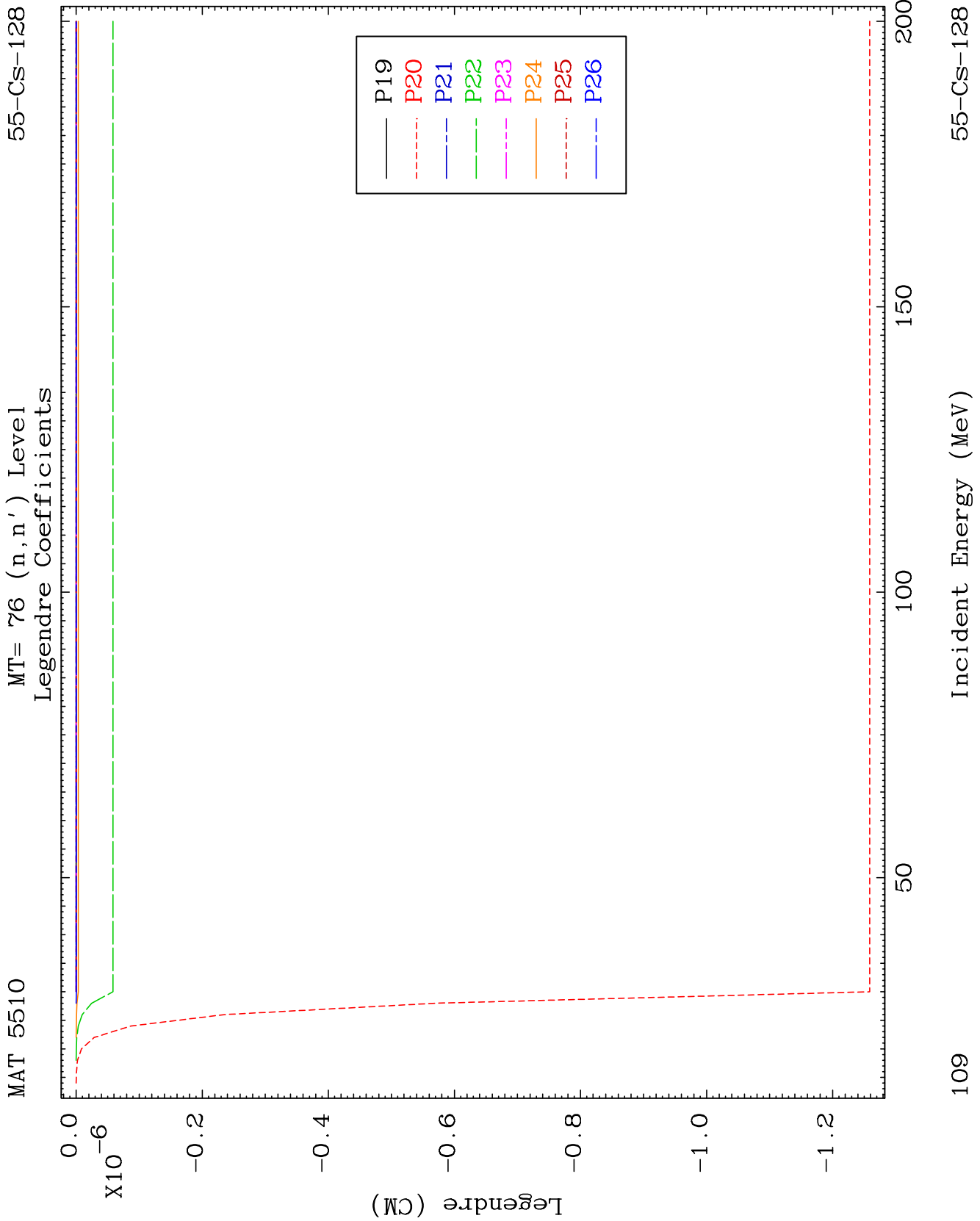
55-Cs-128



55-Cs-128

Incident Energy (MeV)

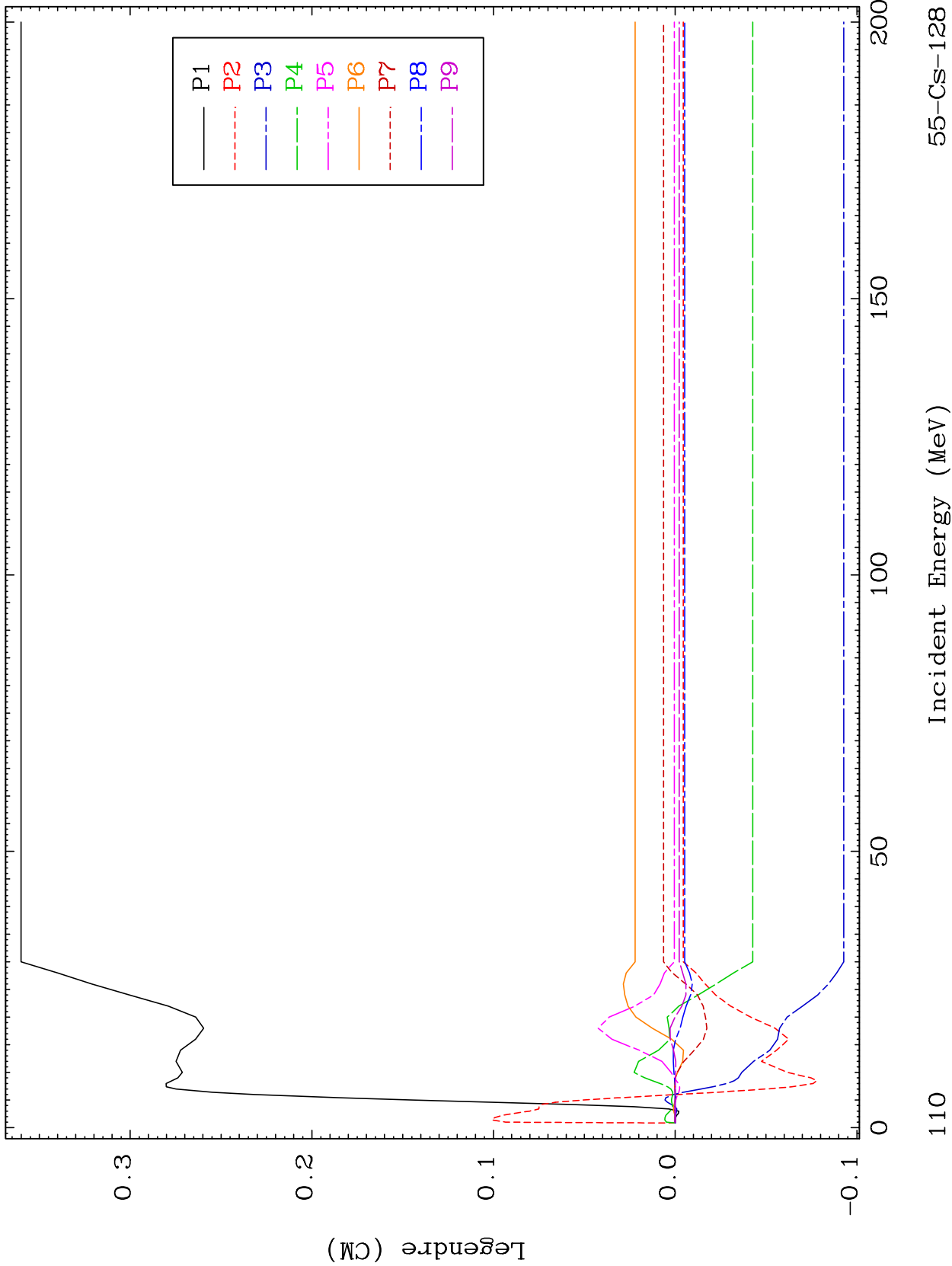
108



MAT 5510

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

55-Cs-128



55-Cs-128

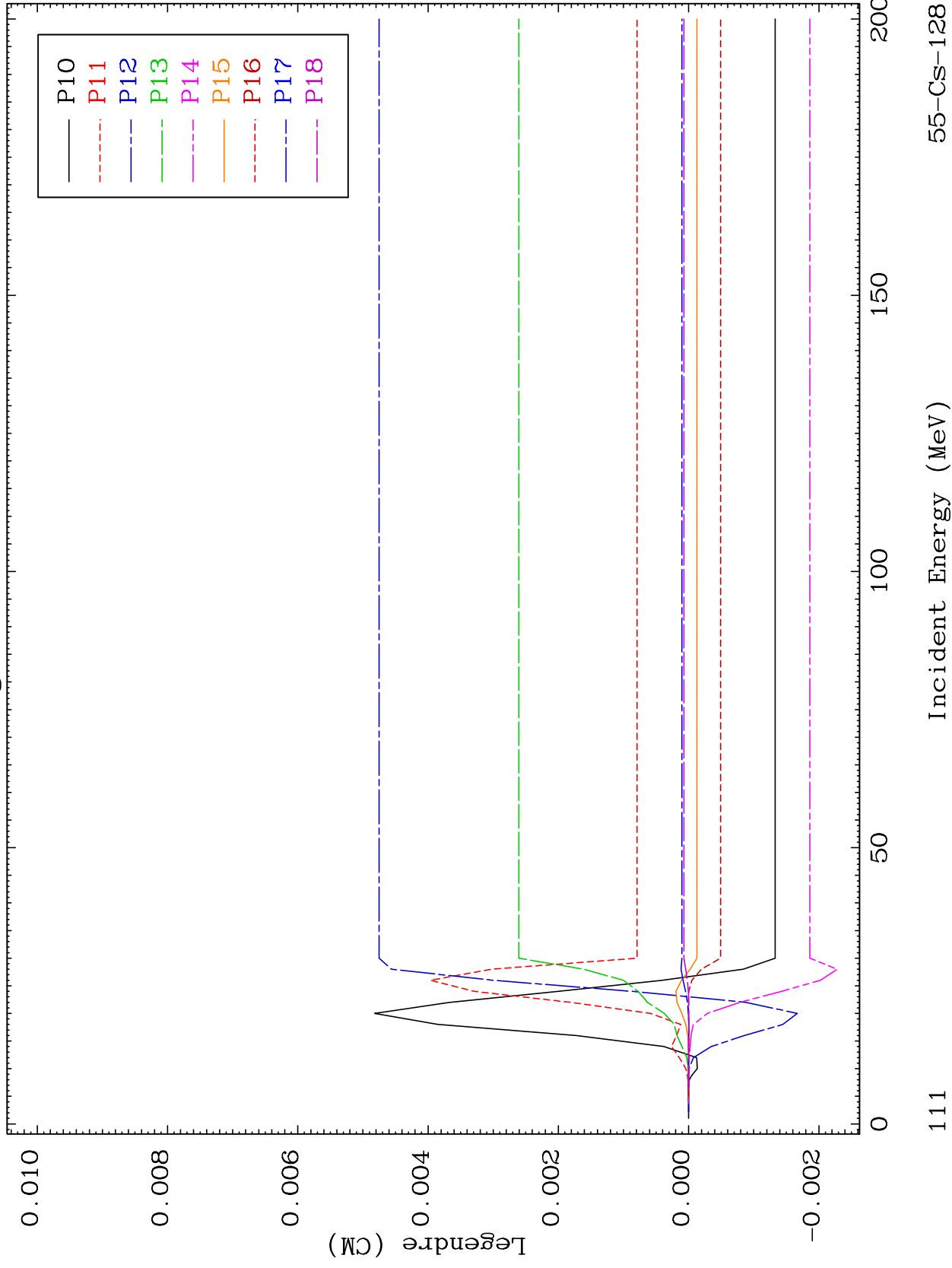
Incident Energy (MeV)

110

MAT 5510

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

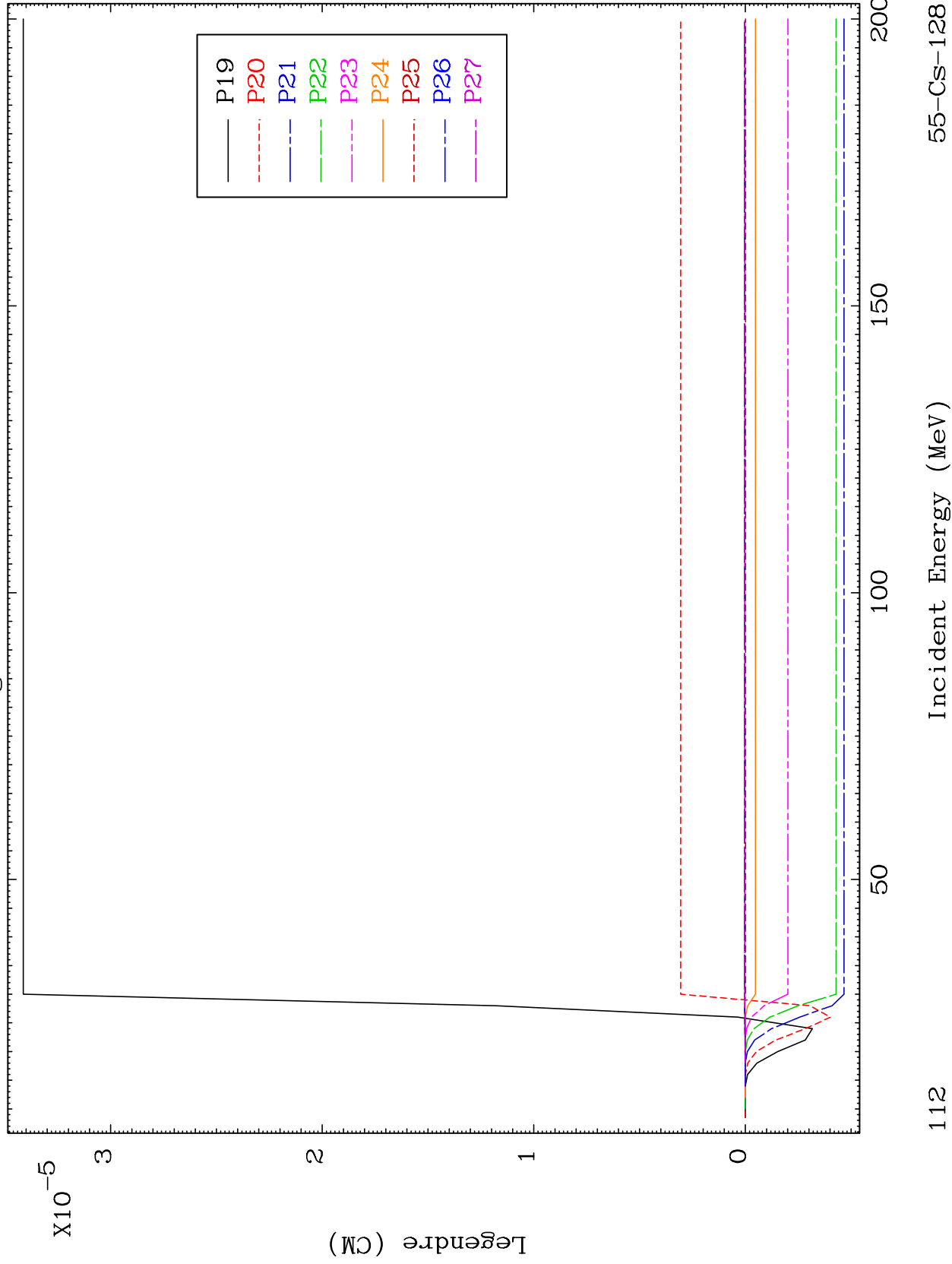
55-Cs-128



MAT 5510

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

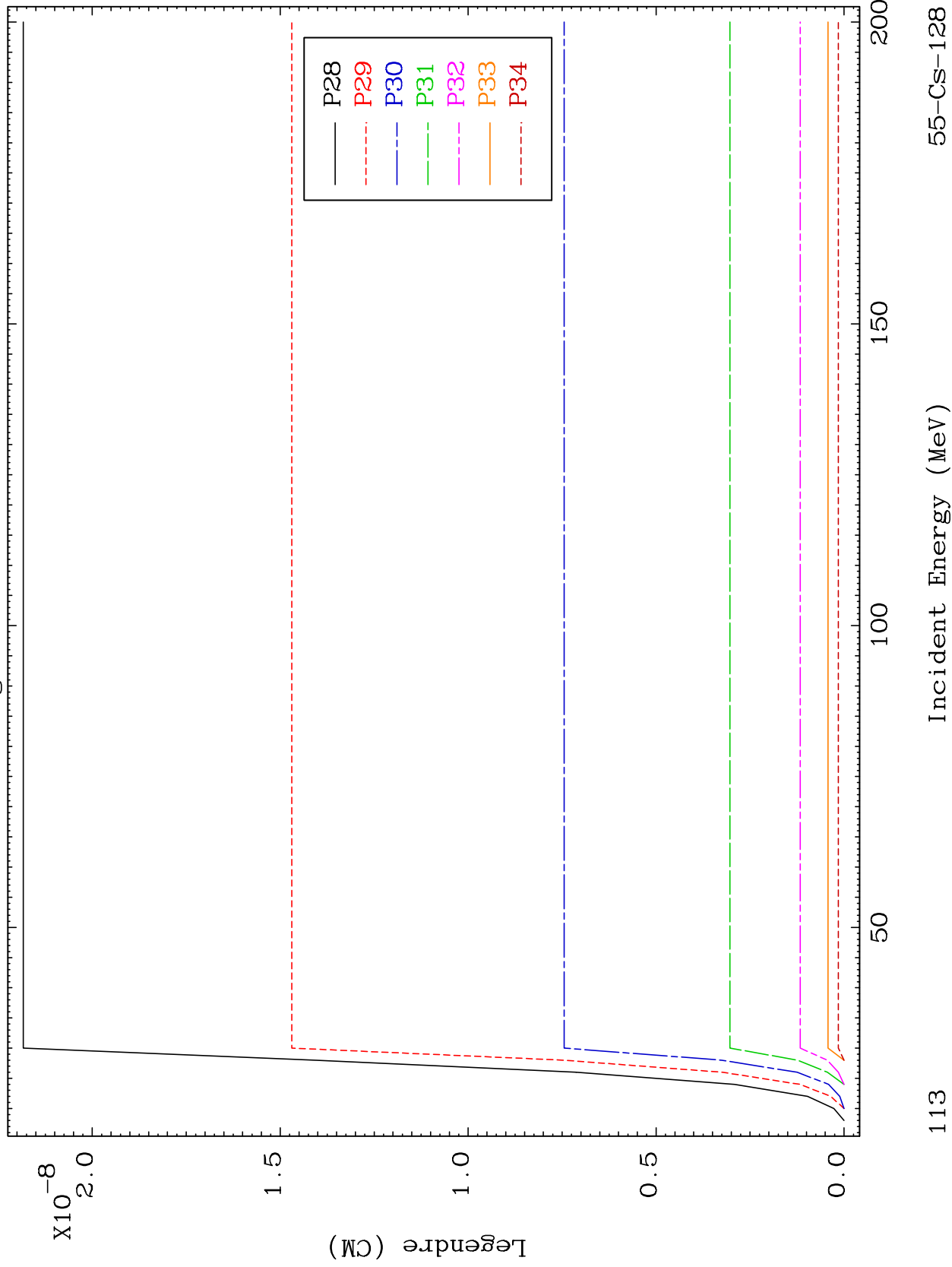
55-Cs-128



MAT 5510

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

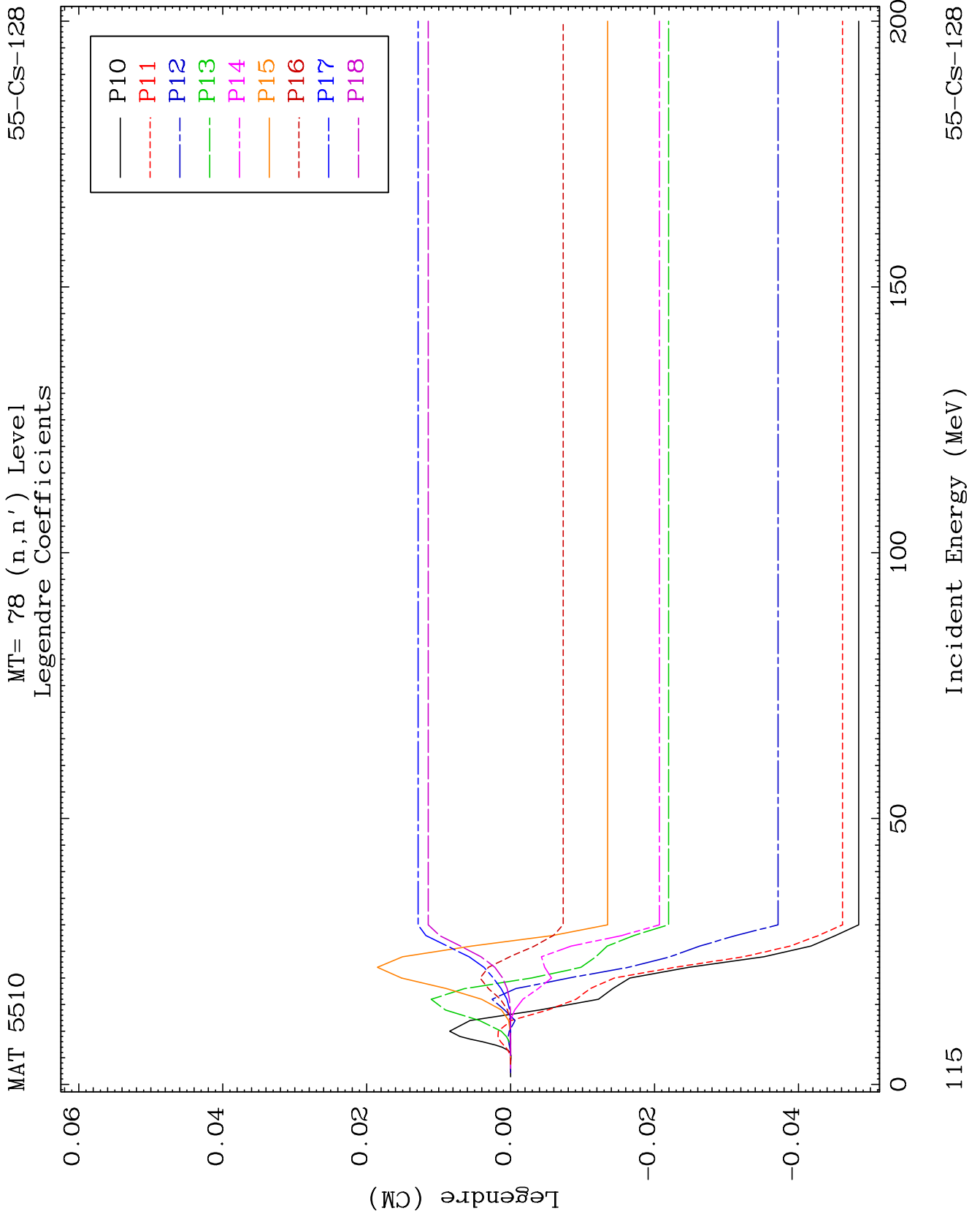
55-Cs-128

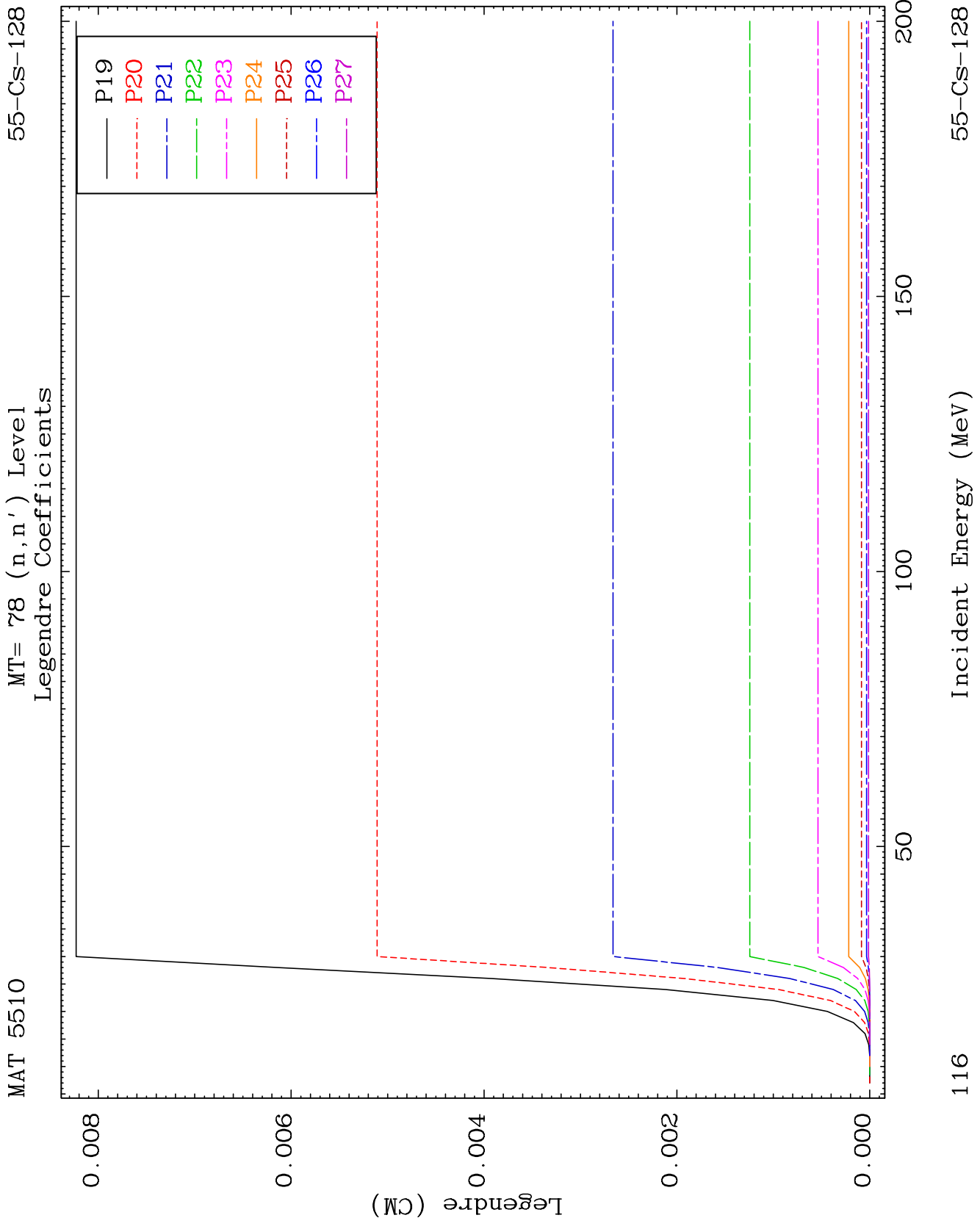


113

Incident Energy (MeV)

55-Cs-128

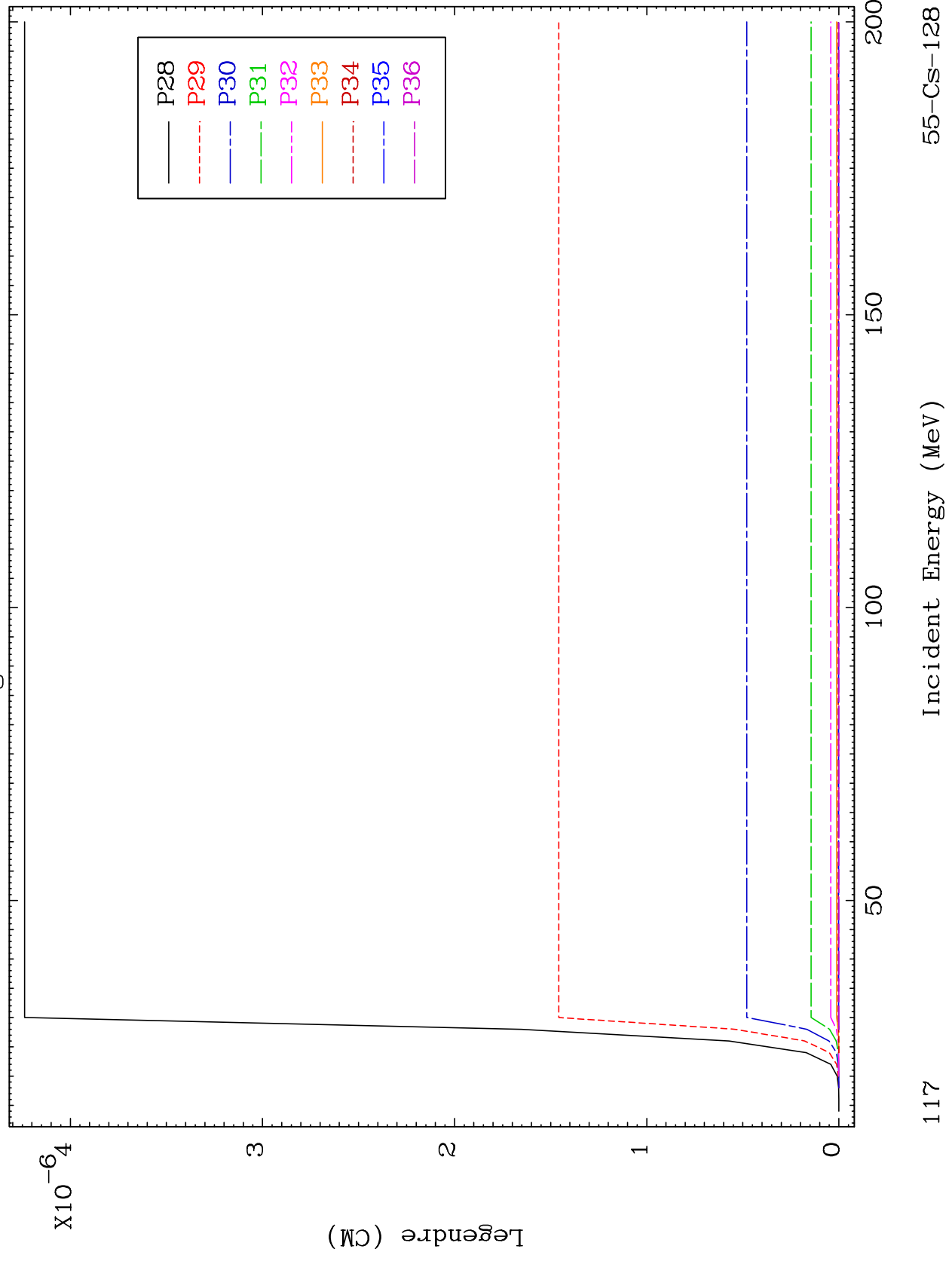




MAT 5510

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

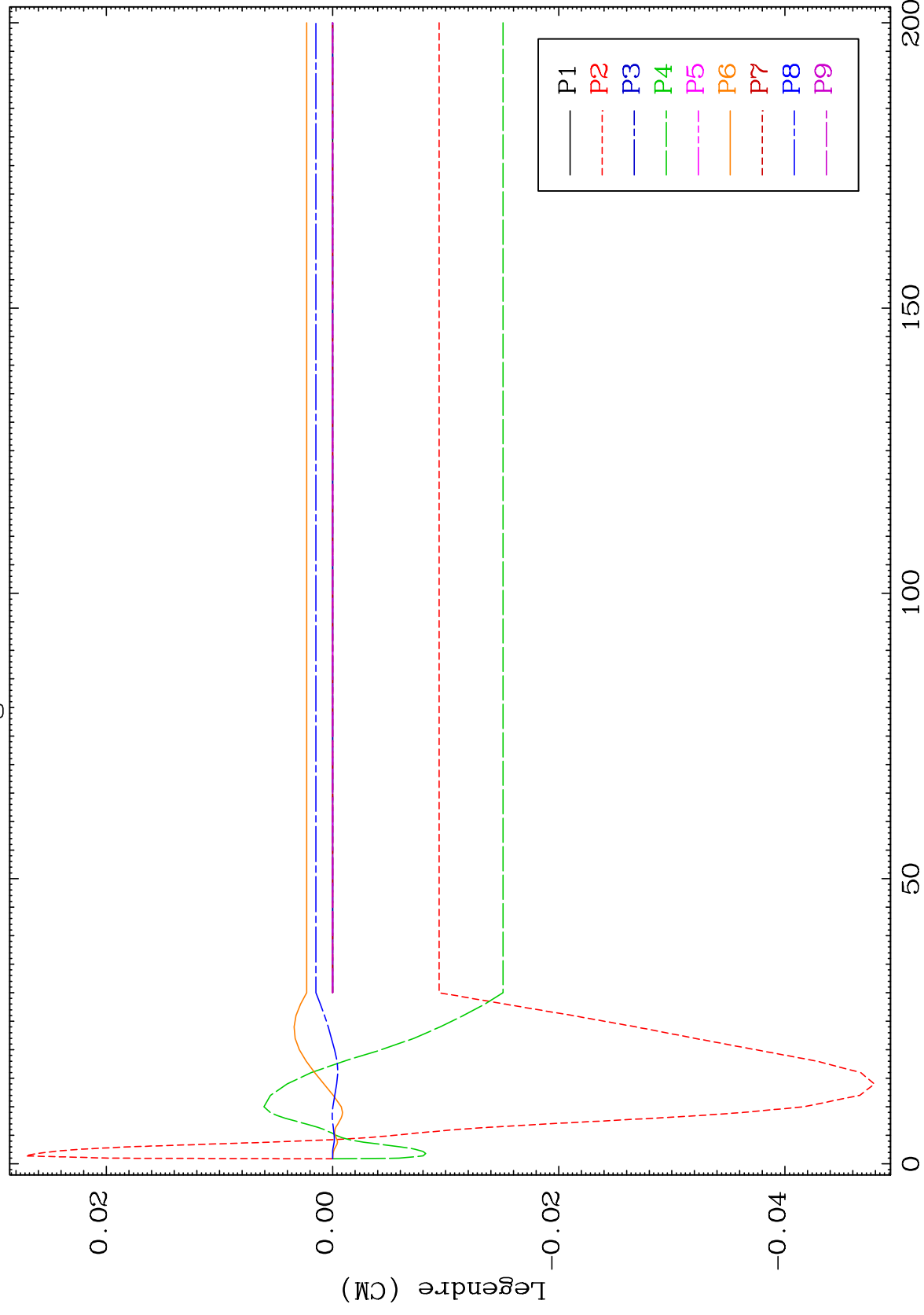
55-Cs-128



MAT 5510

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

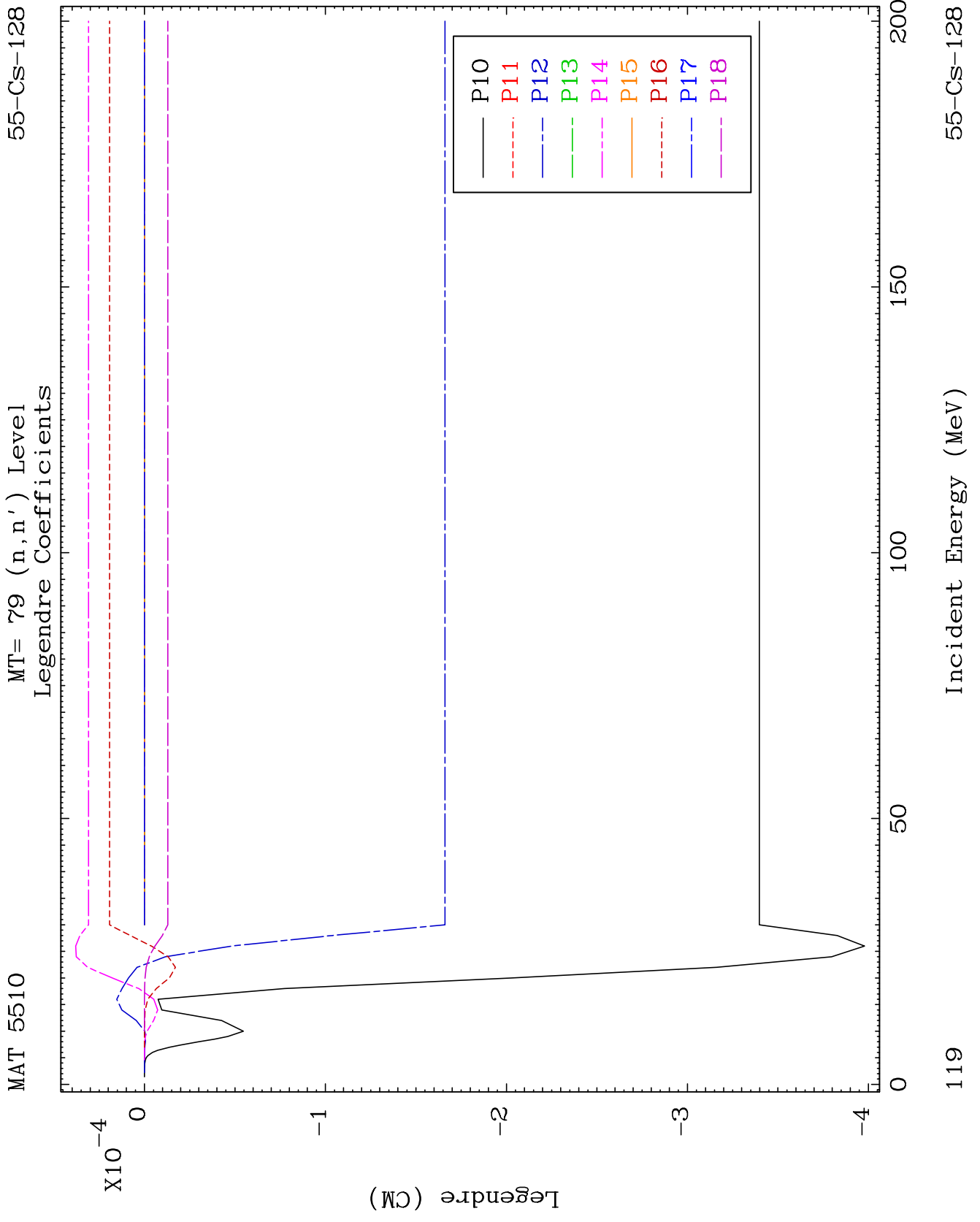
55-Cs-128

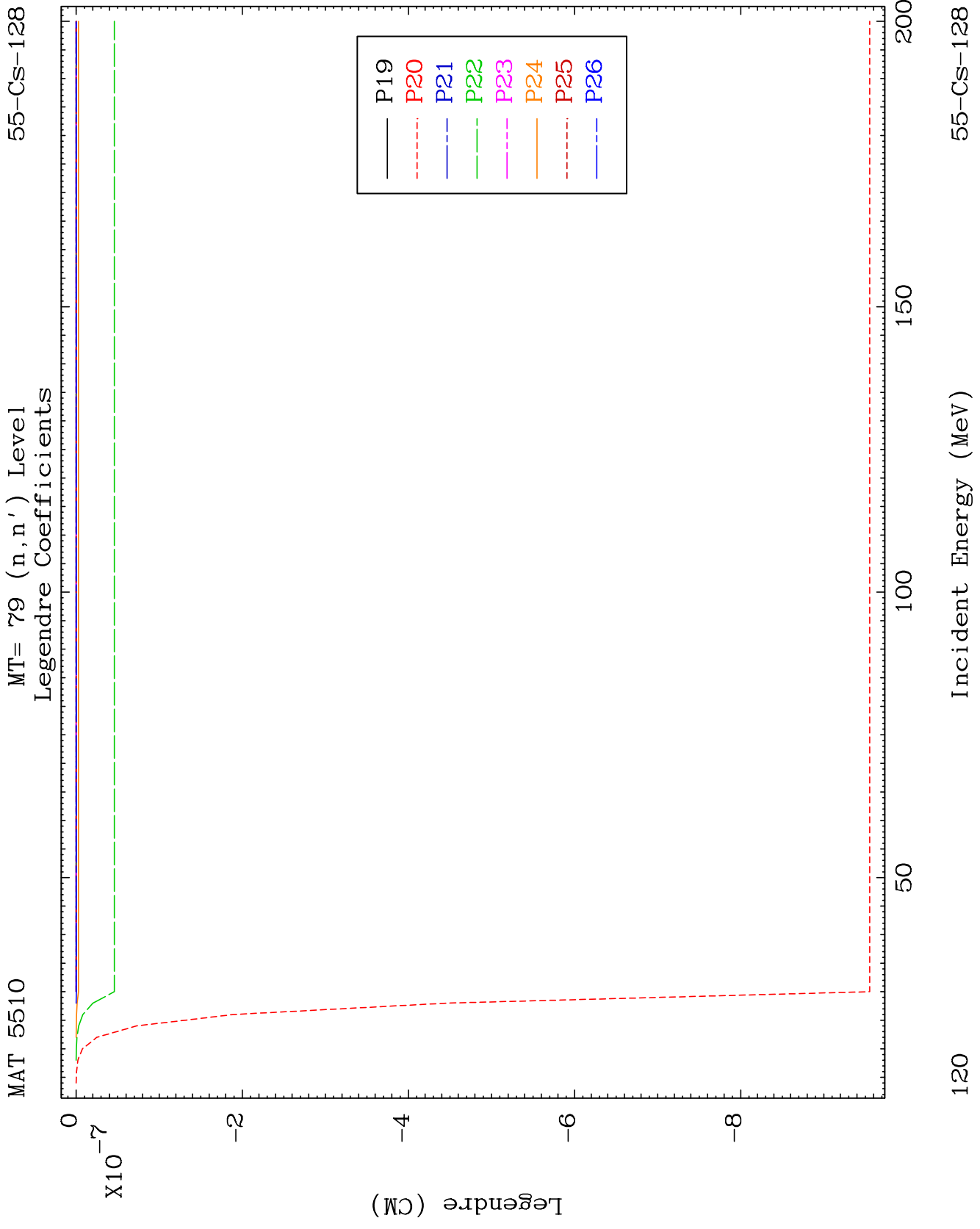


55-Cs-128

Incident Energy (MeV)

118

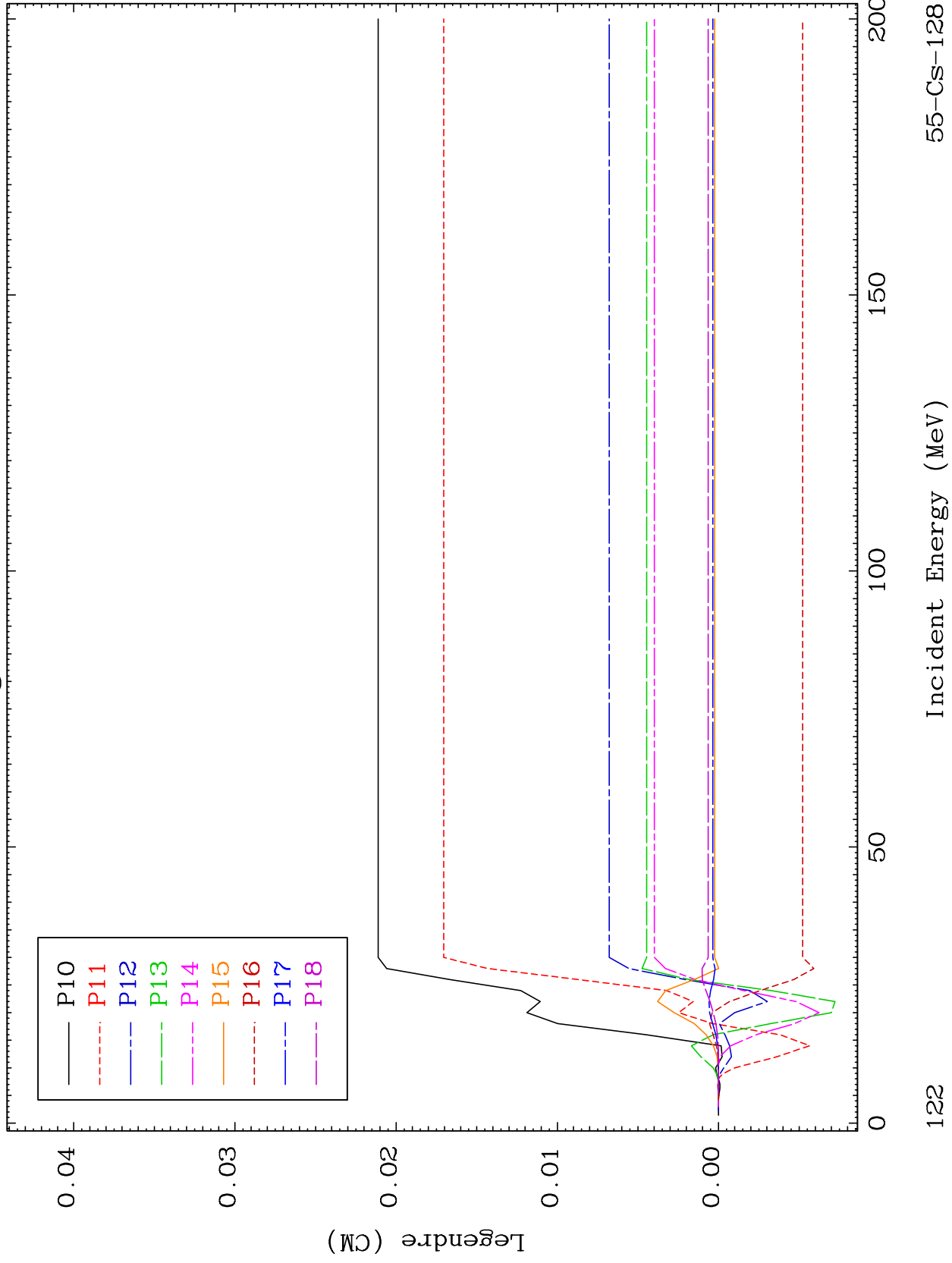


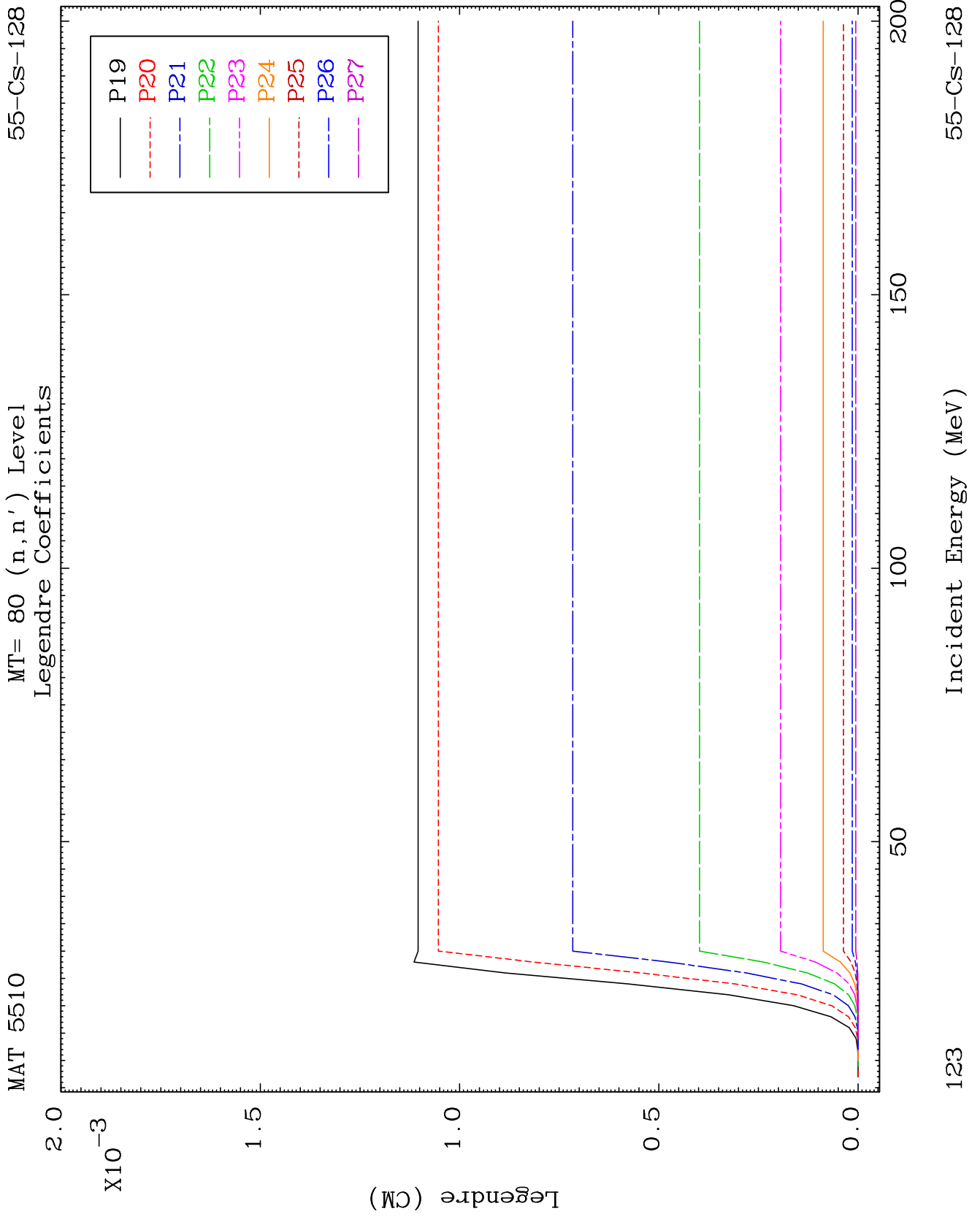


MAT 5510

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

55-Cs-128



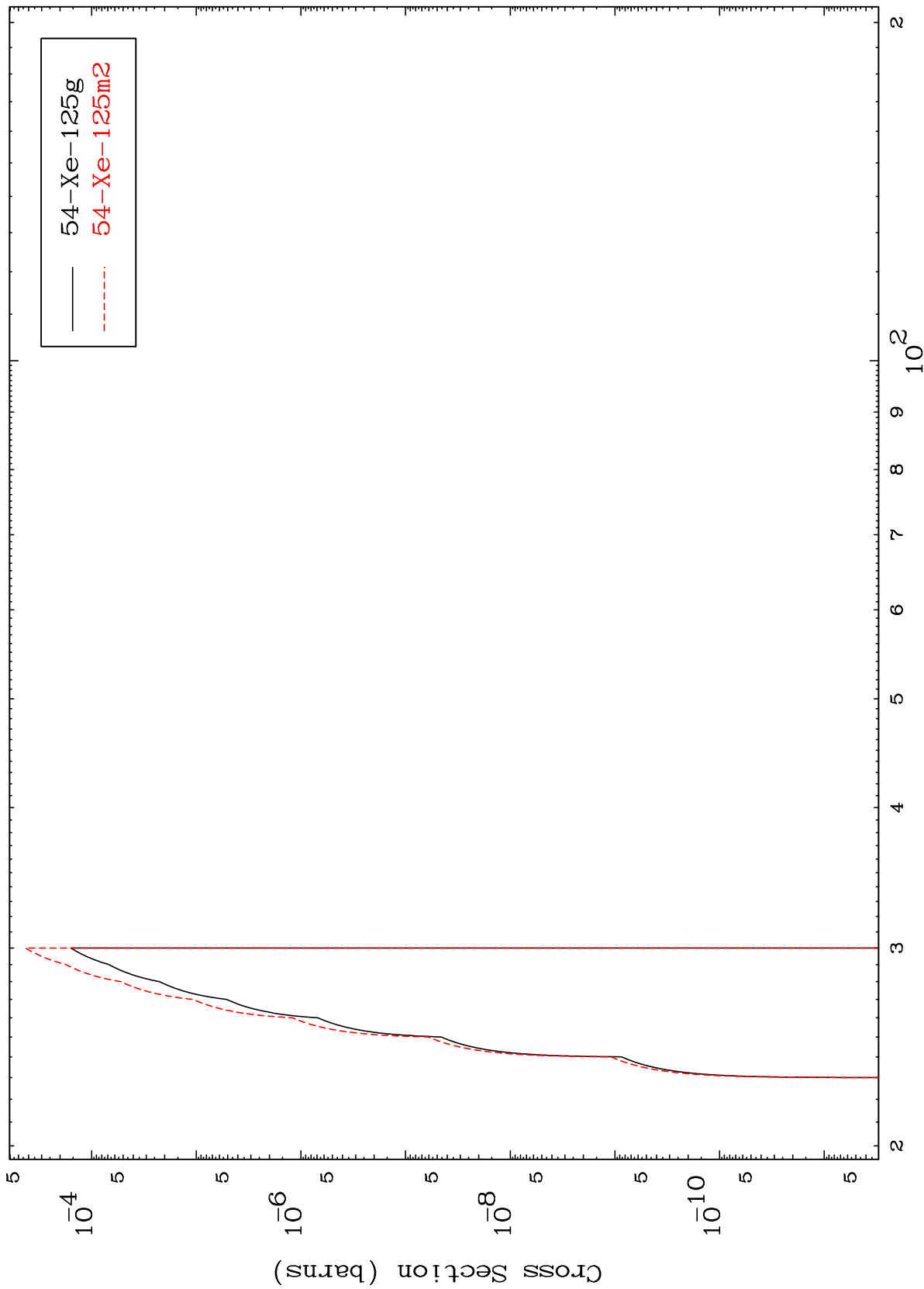


MAT 5510

(n,2n) d

55-Cs-128

Radionuclide Production Cross Section



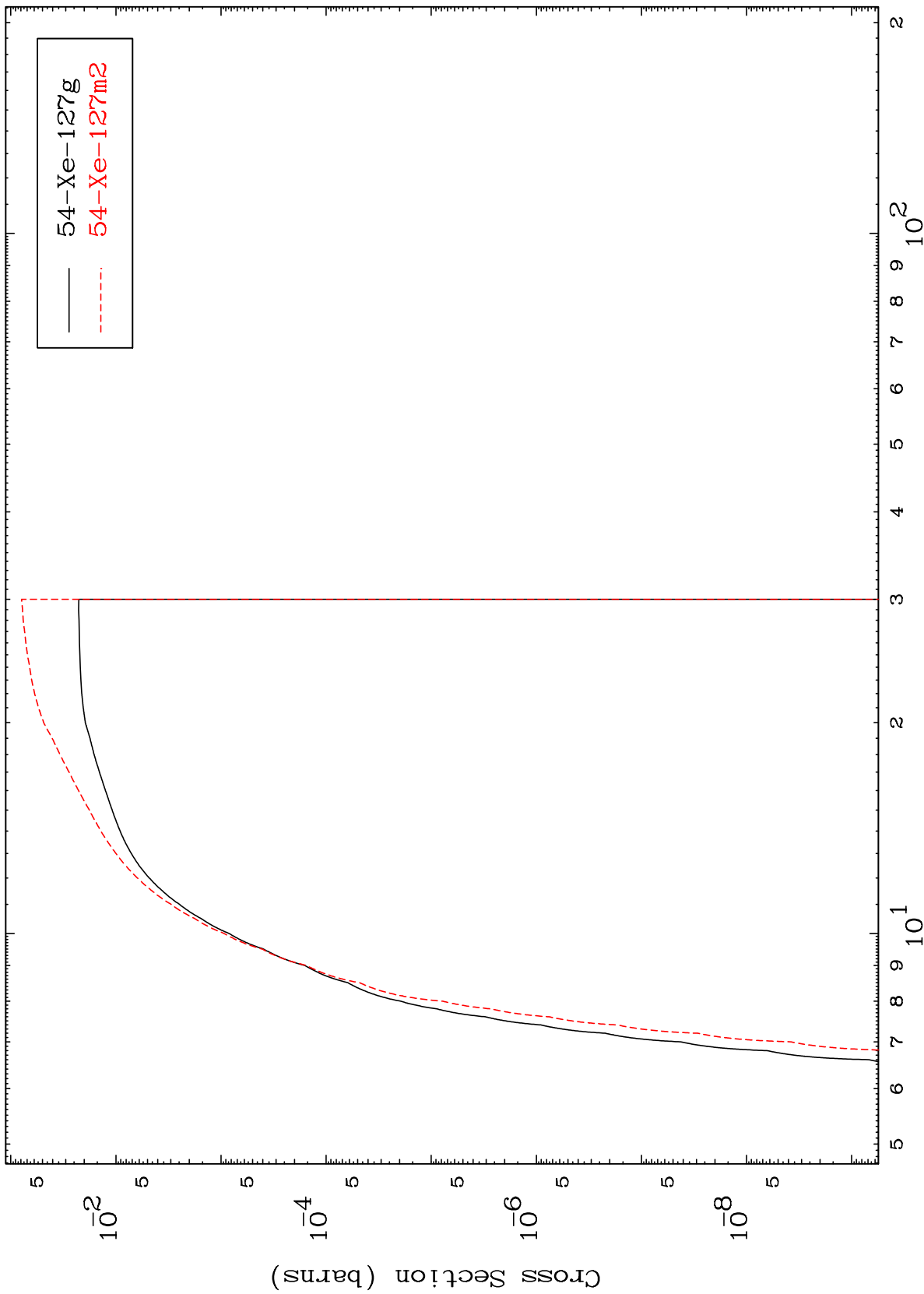
54-Xe-125g
54-Xe-125m2

125

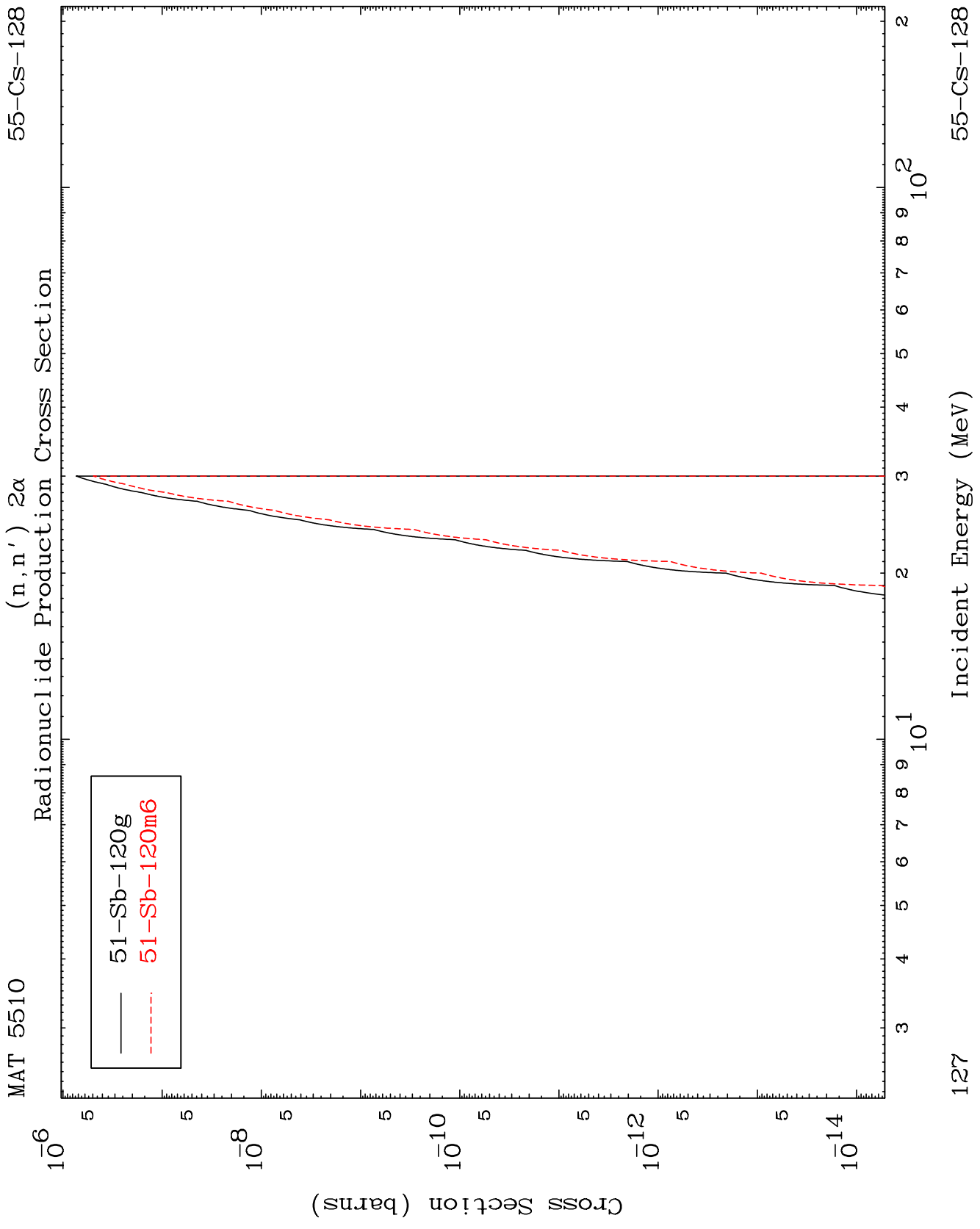
Incident Energy (MeV)

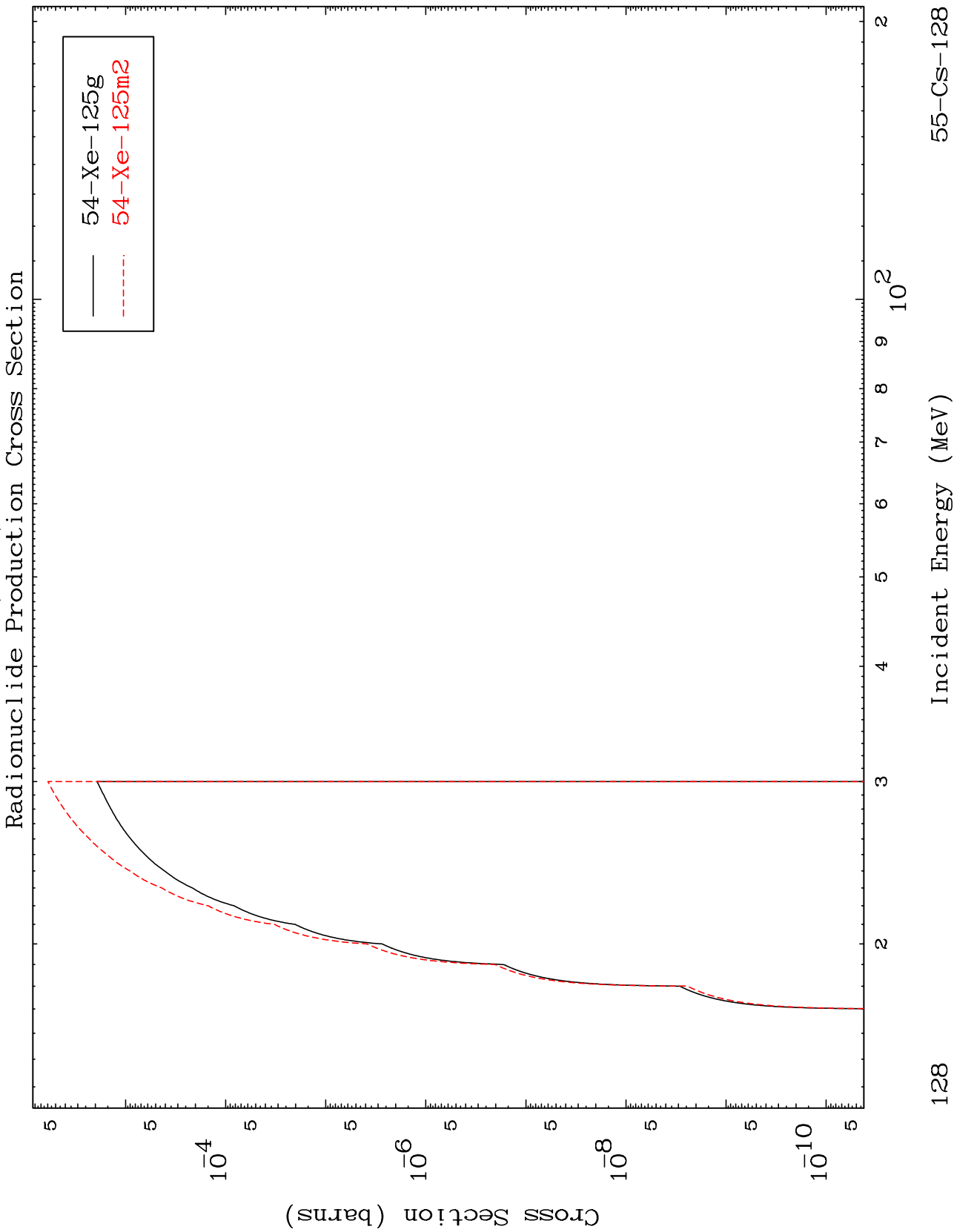
55-Cs-128

(n,n') p
Radionuclide Production Cross Section

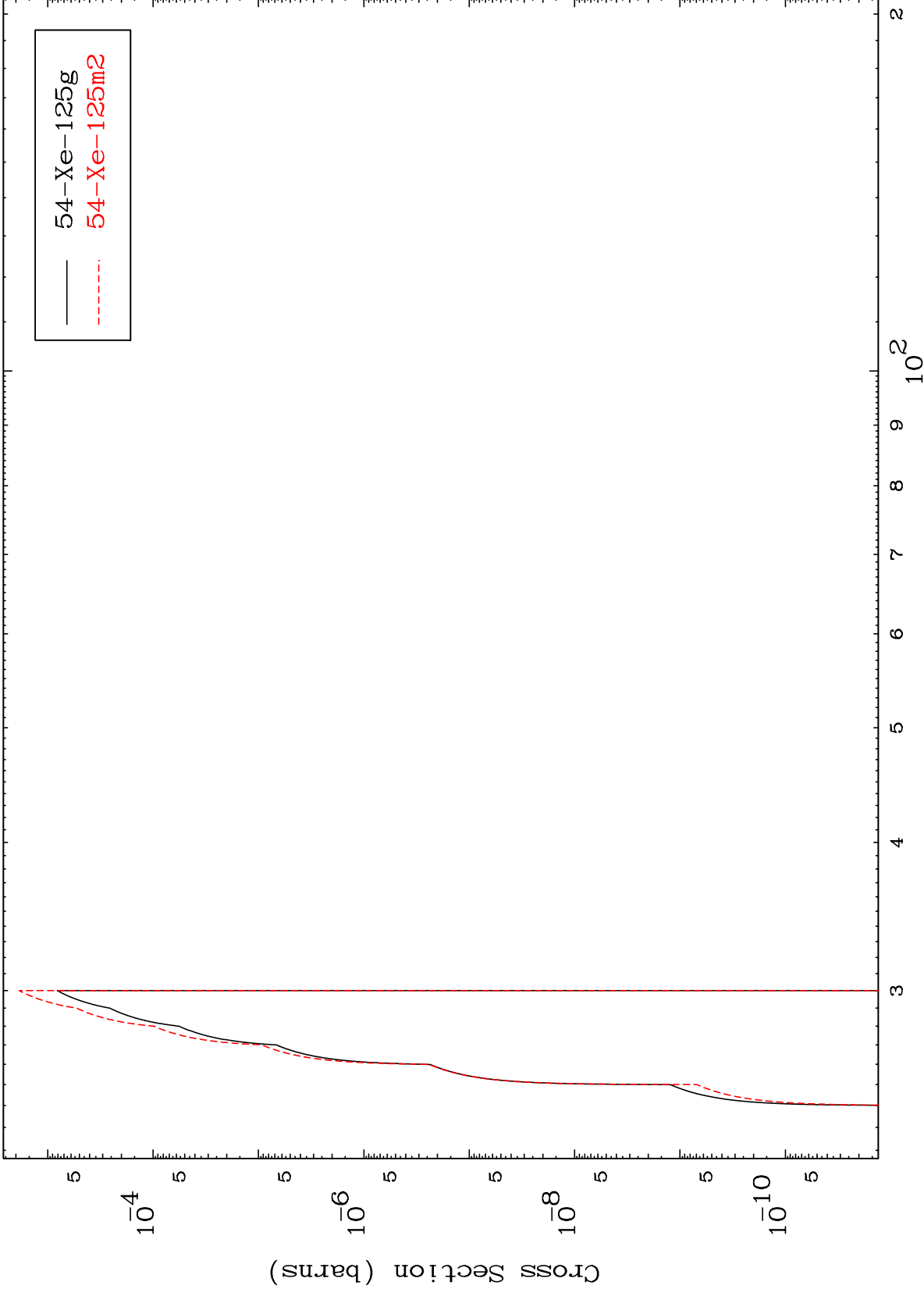


54-Xe-127g
54-Xe-127m2





Radionuclide Production Cross Section

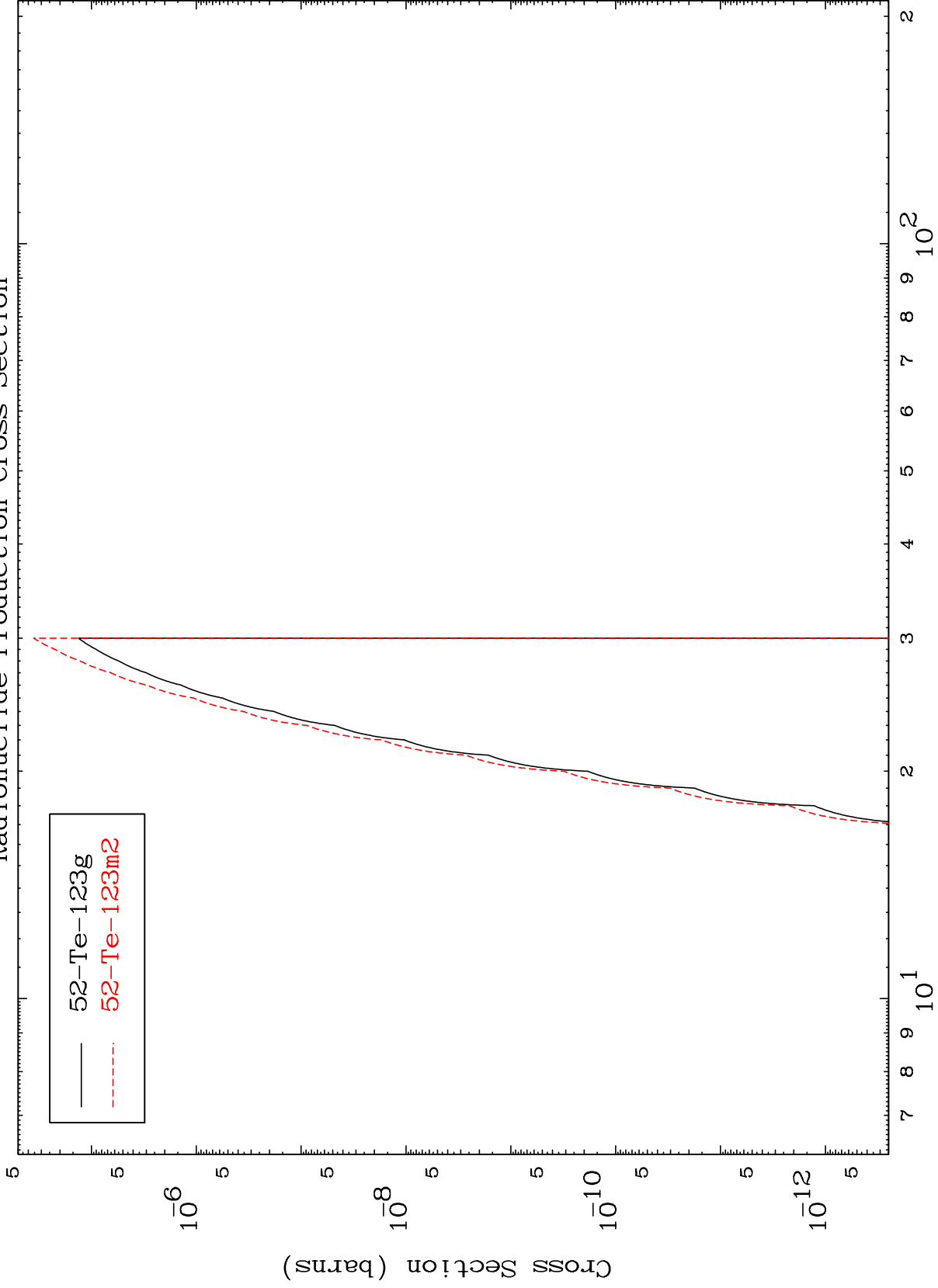


MAT 5510

(n,n') p α

55-Cs-128

Radionuclide Production Cross Section



130

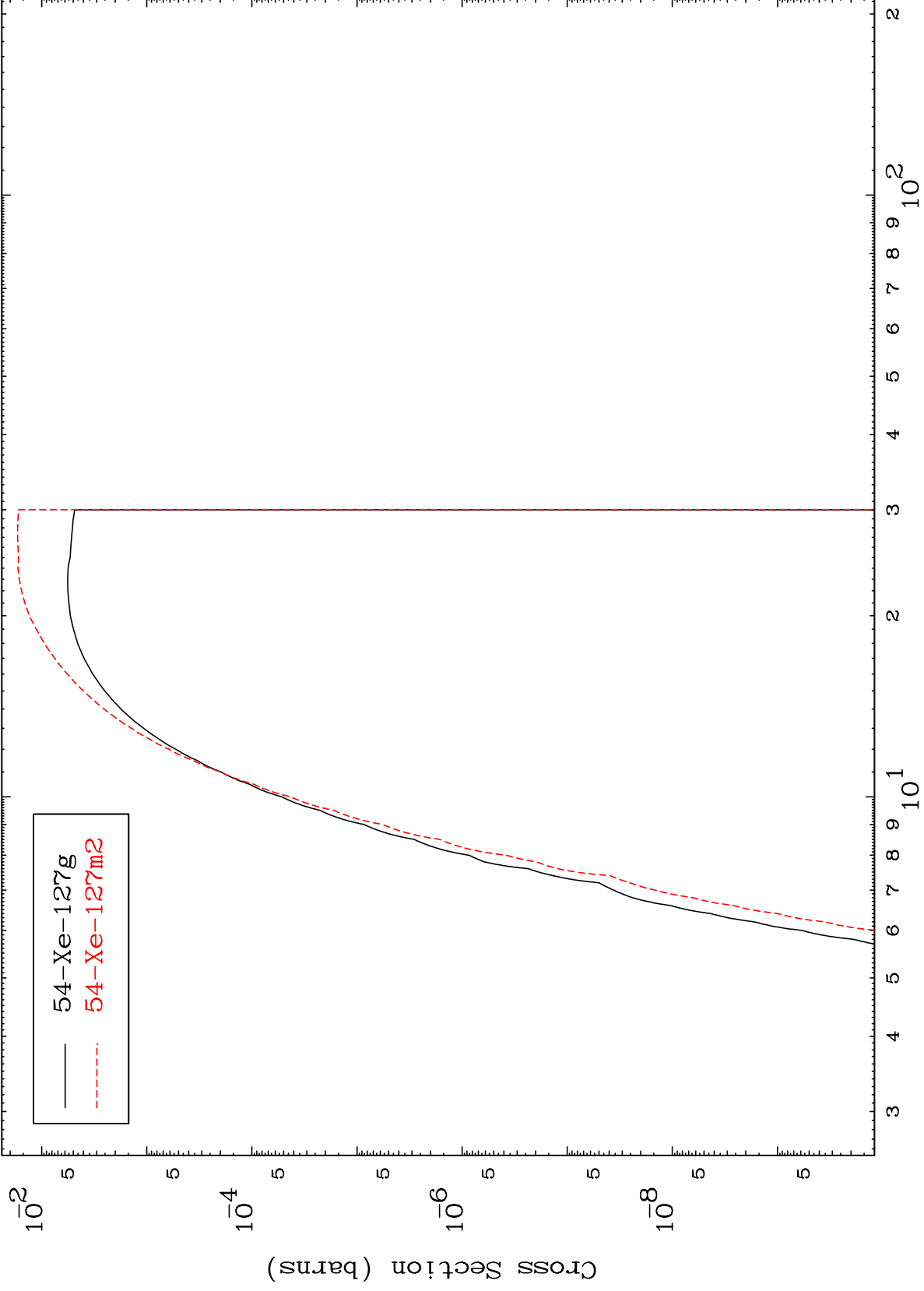
Incident Energy (MeV)

55-Cs-128

MAT 5510

55-Cs-128

(n,d)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

55-Cs-128

Radionuclide Production Cross Section

