

Program EVALPLOT
(Version 2017-1)

by

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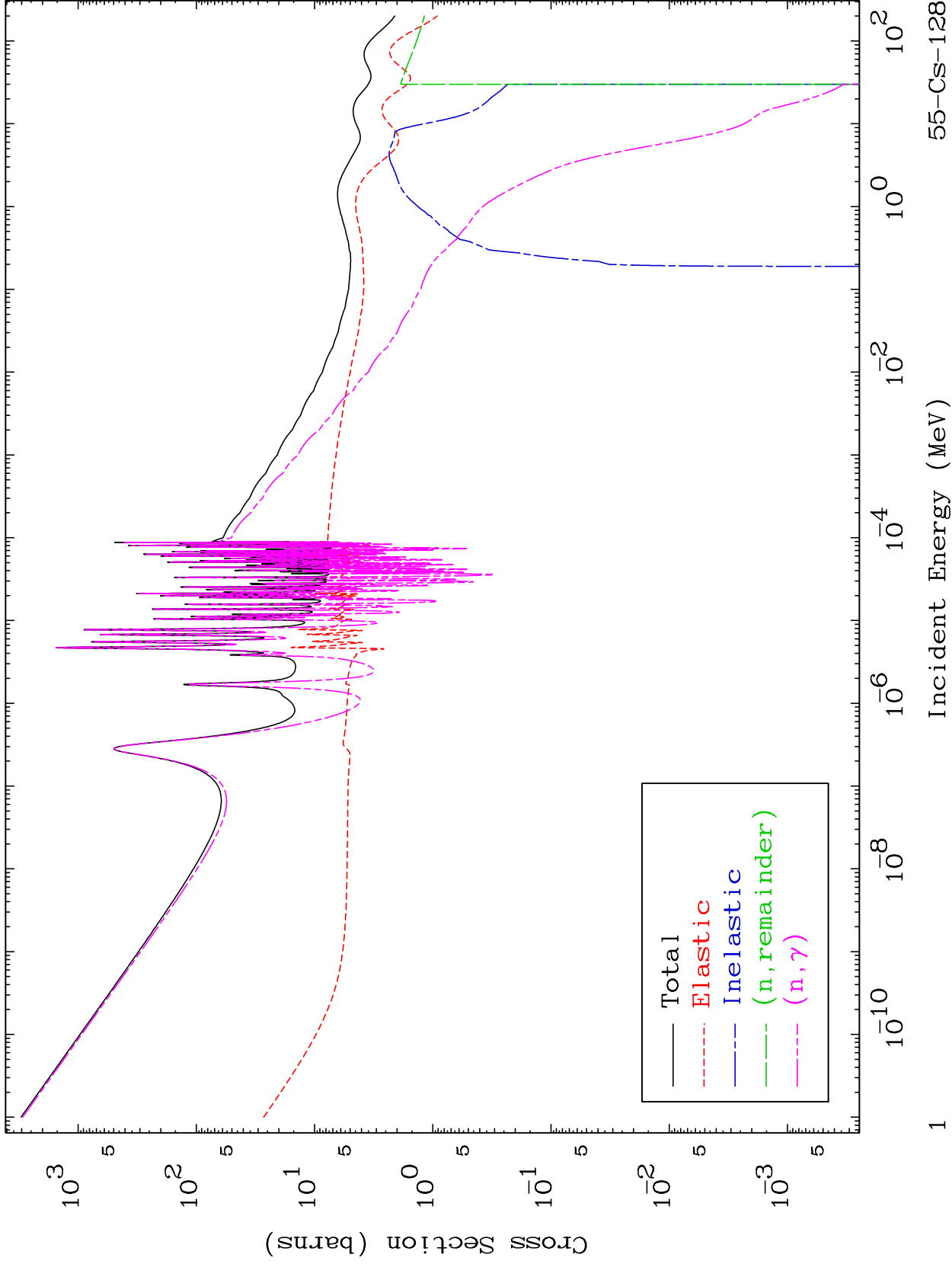
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5510

Major
293 Kelvin Cross Sections

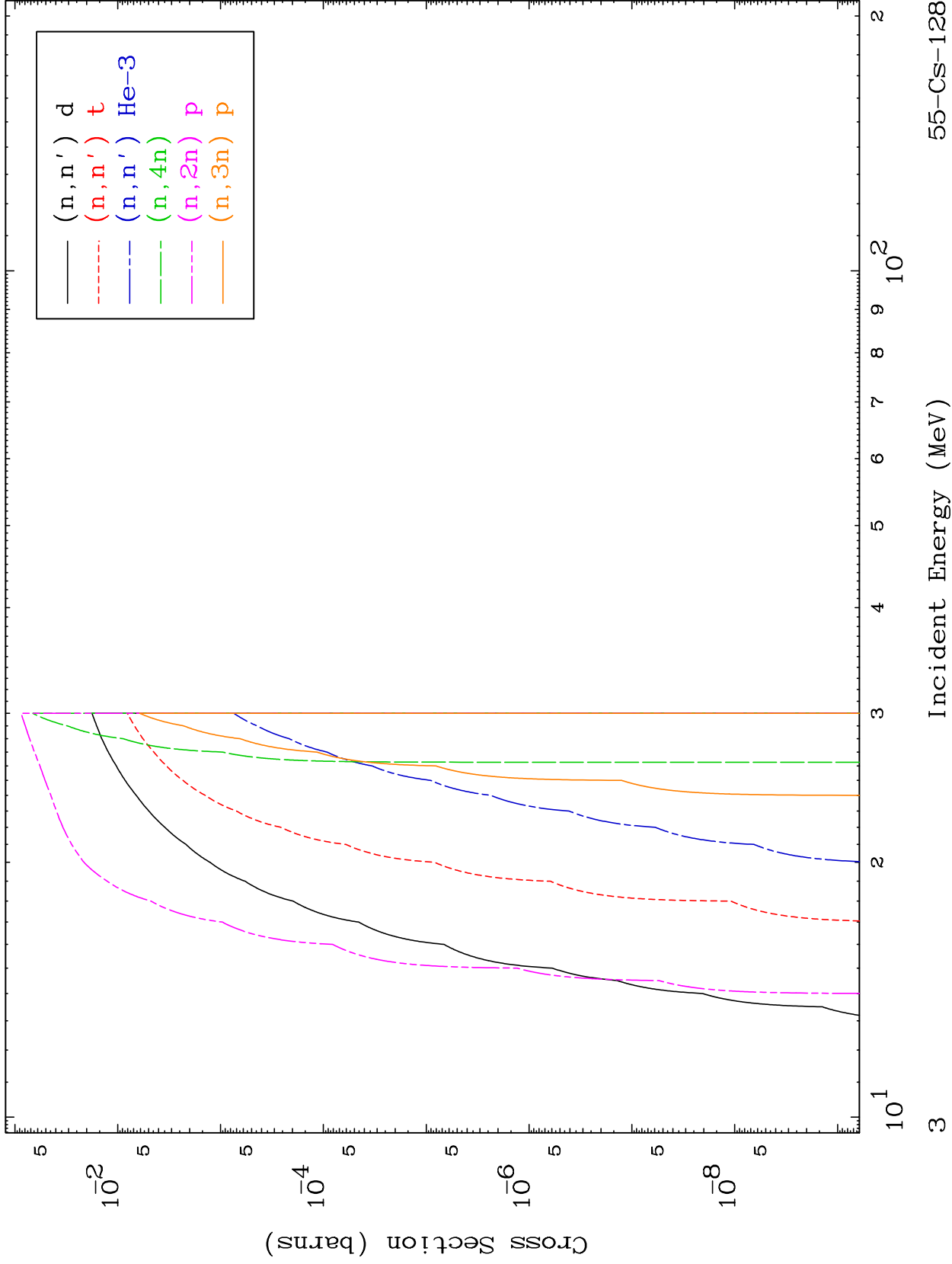
55-Cs-128



MAT 5510

Neutron Production
293 Kelvin Cross Sections

55-Cs-128



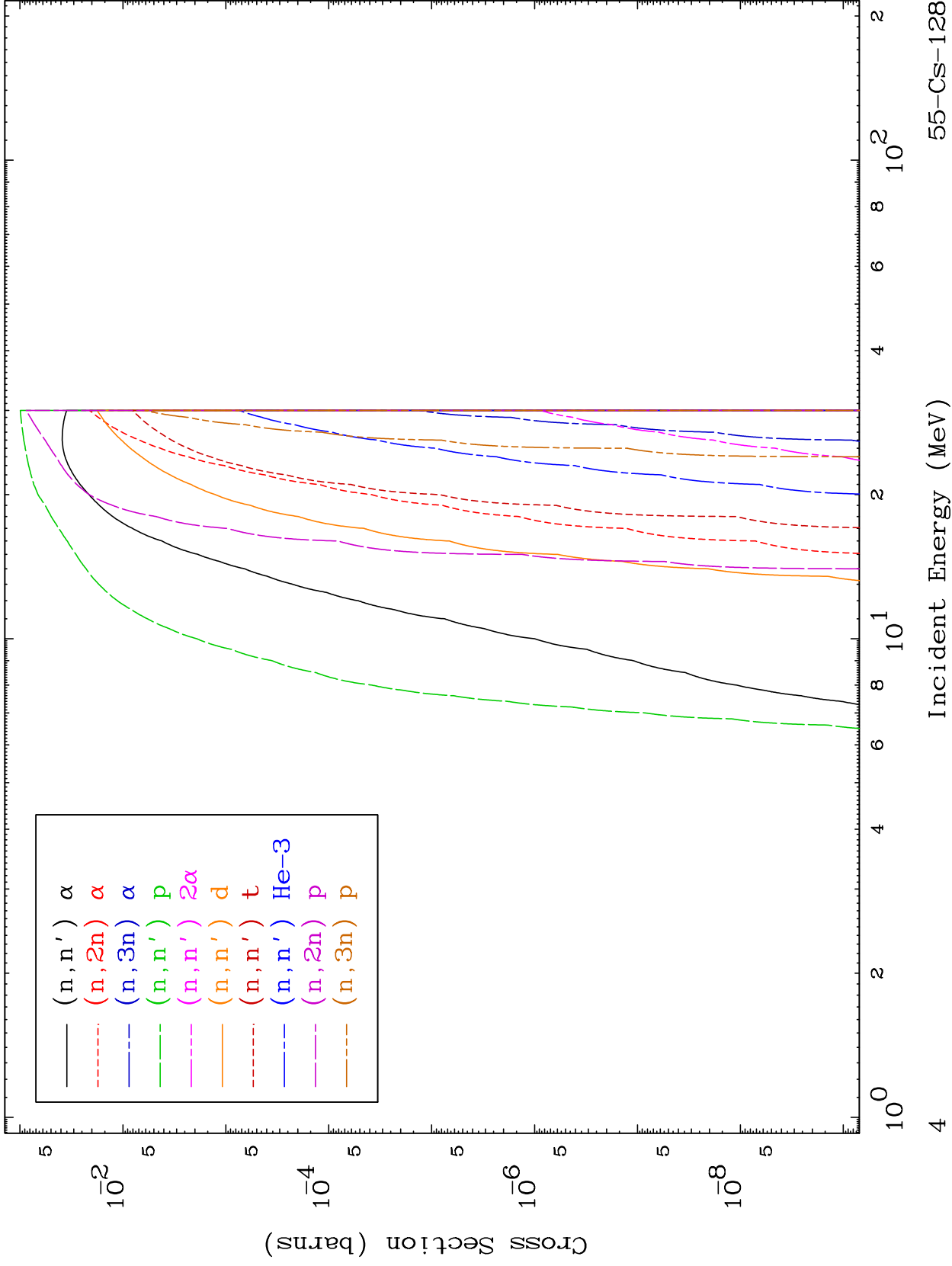
55-Cs-128

Incident Energy (MeV)

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128

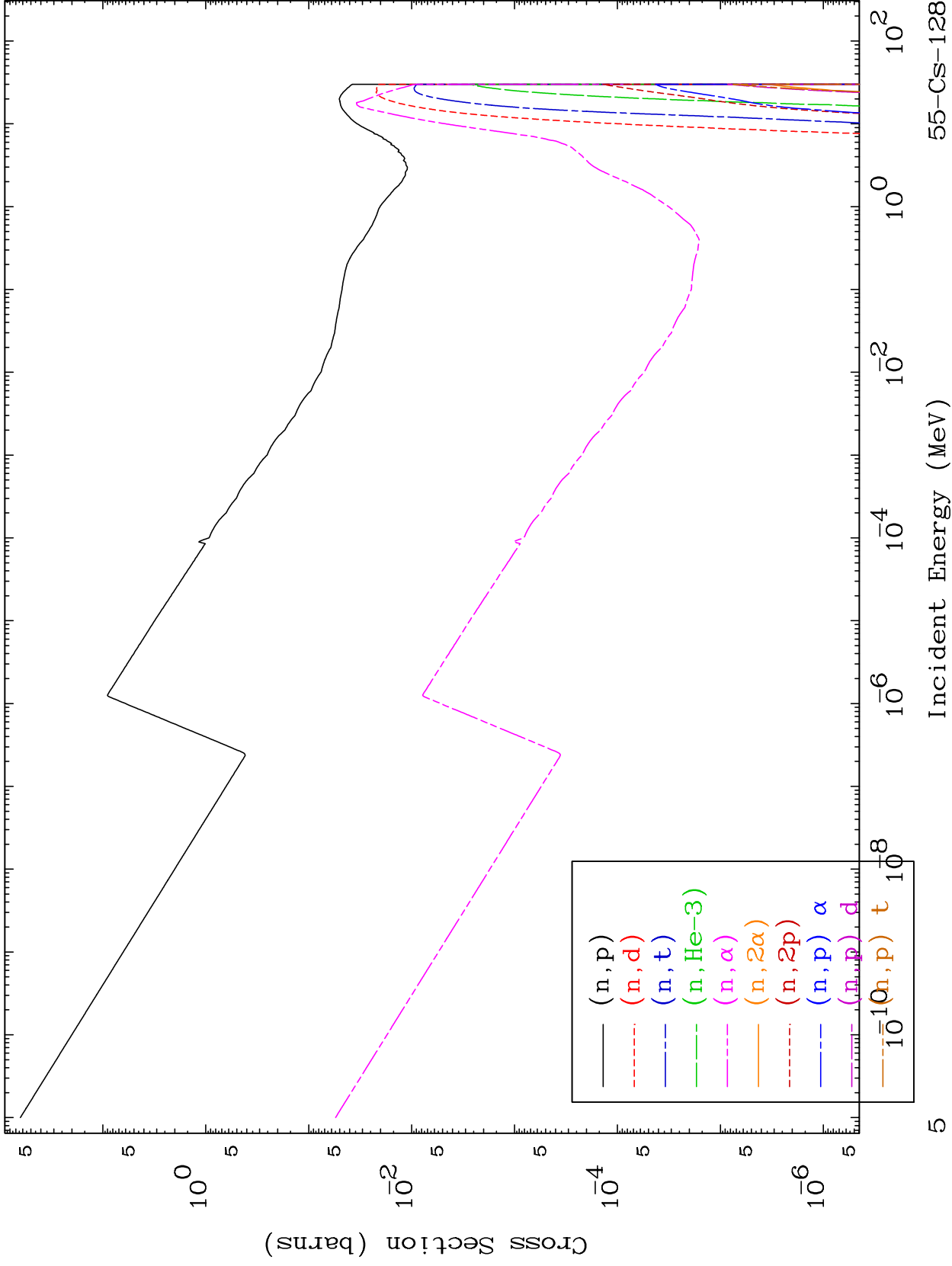


55-Cs-128

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128

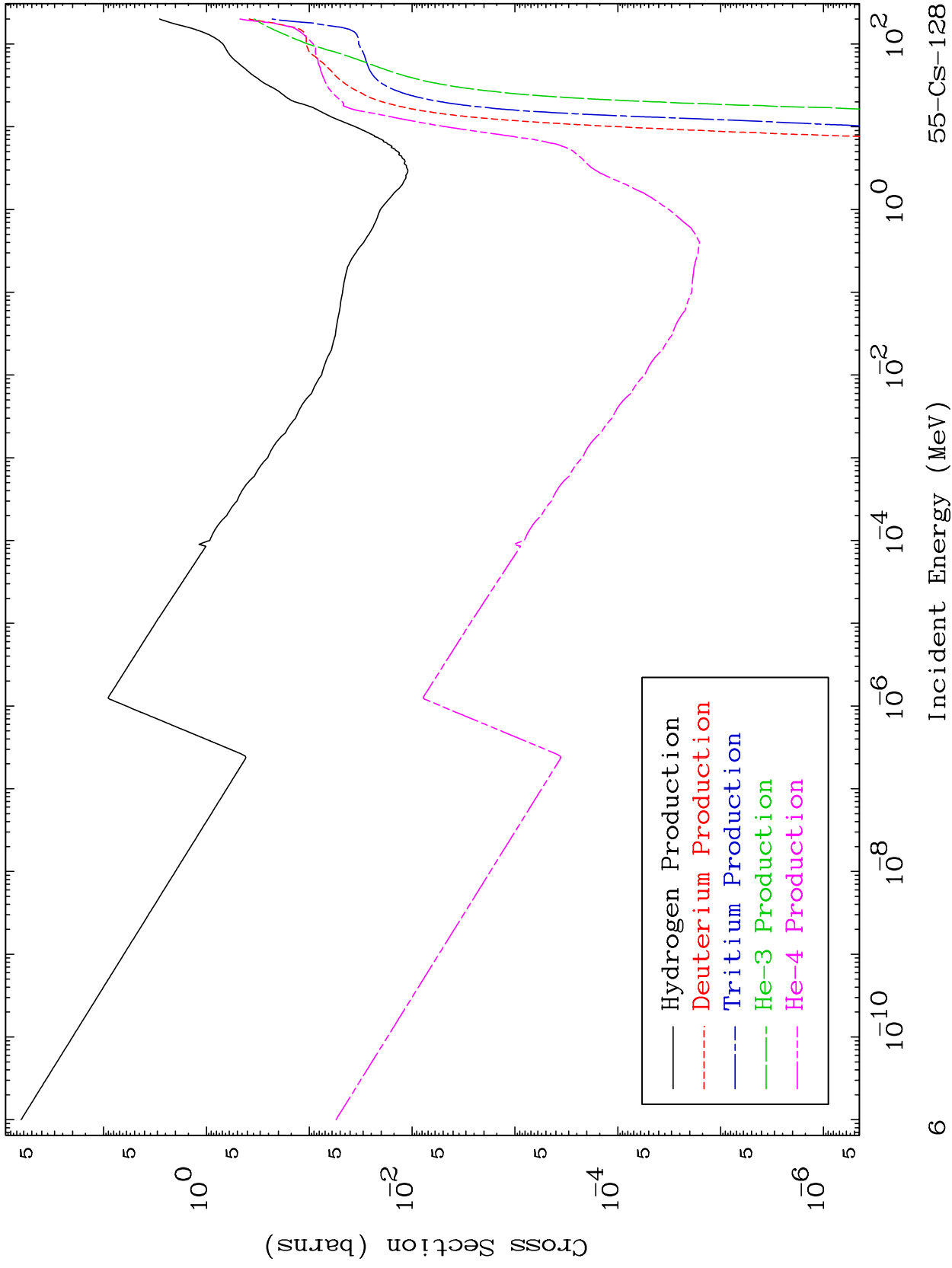


5

MAT 5510

Particle Production
293 Kelvin Cross Sections

55-Cs-128

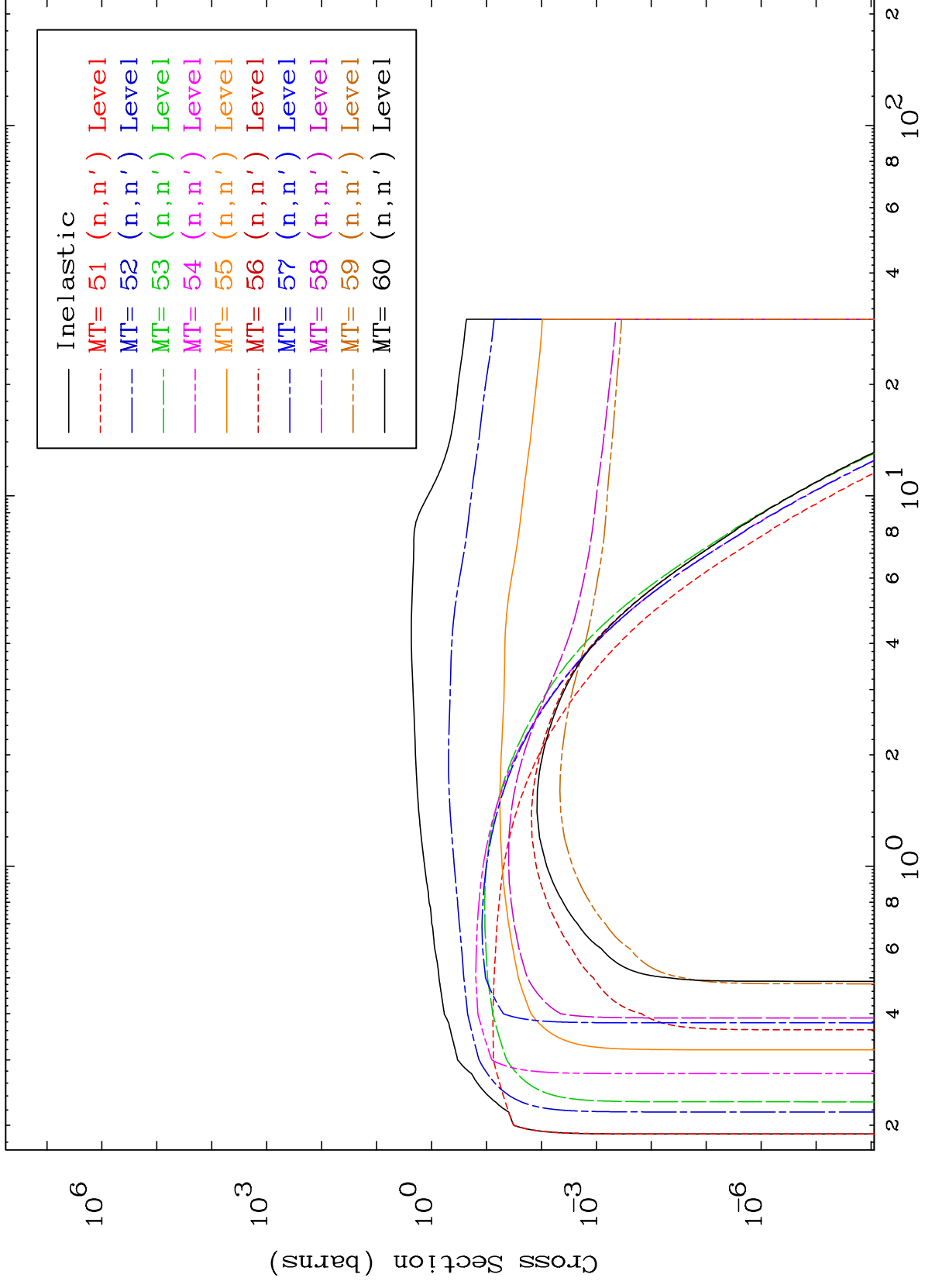


MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections

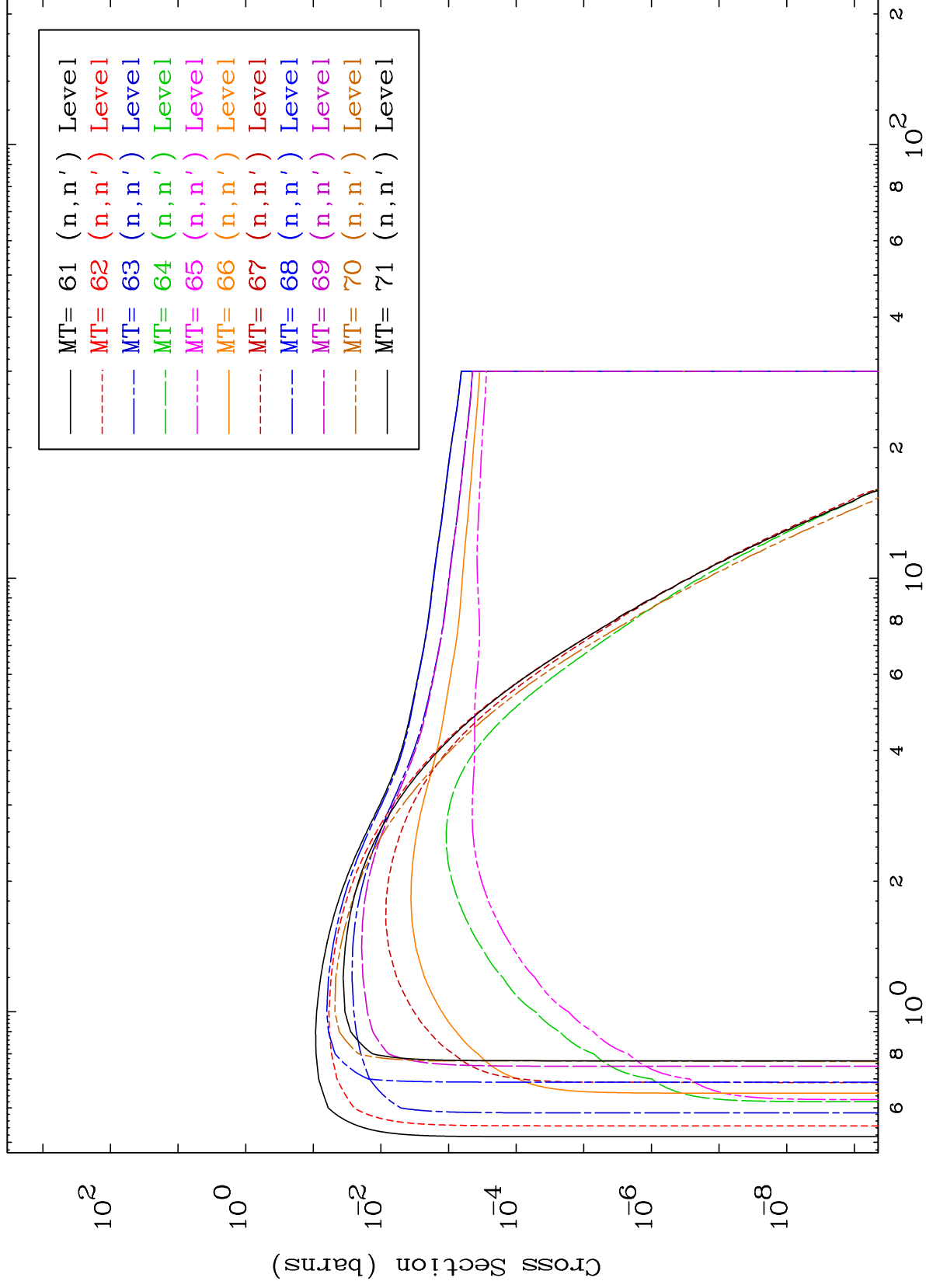


MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections



8

Incident Energy (MeV)

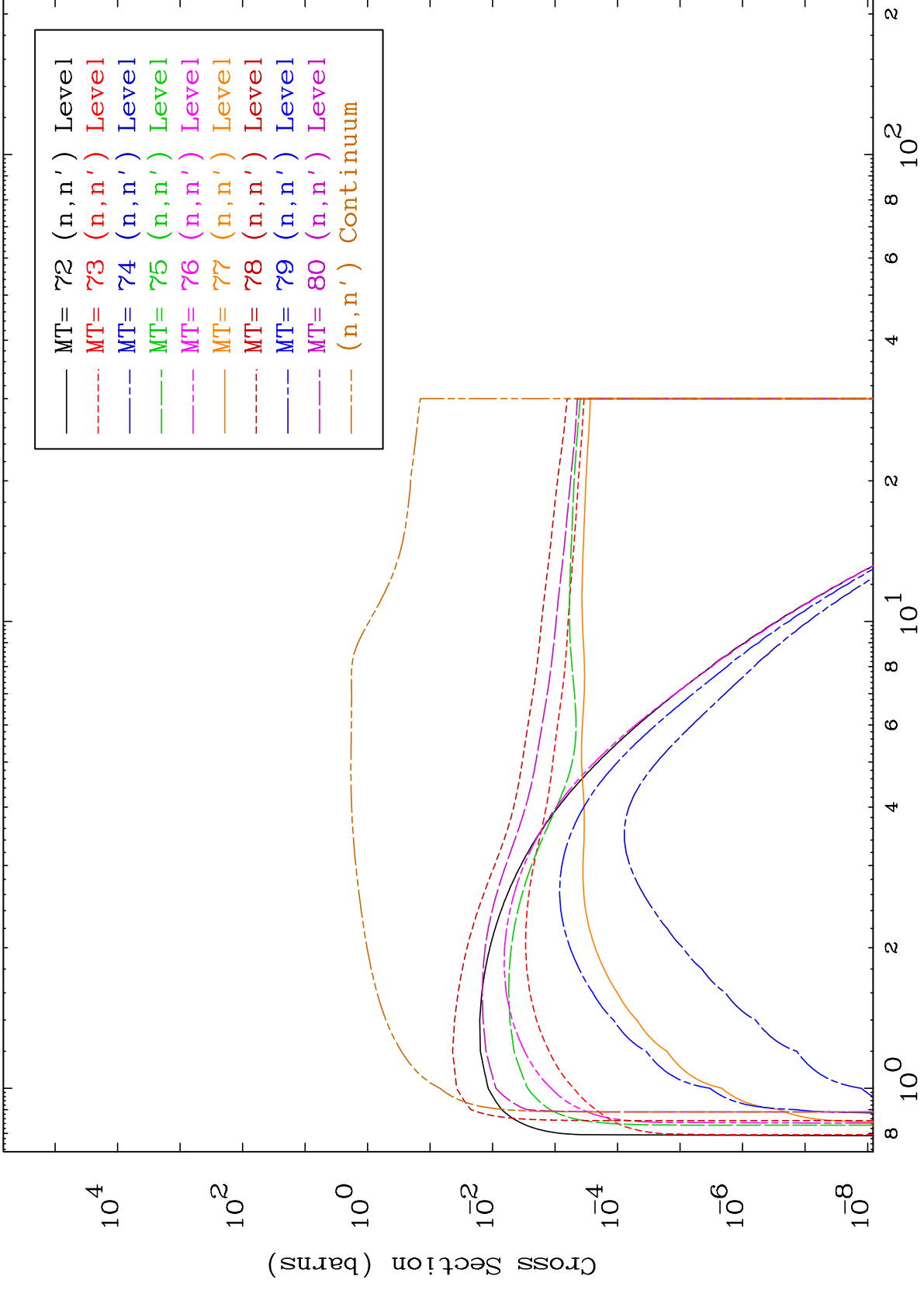
55-Cs-128

MAT 5510

(n,n') Level

55-Cs-128

293 Kelvin Cross Sections



9

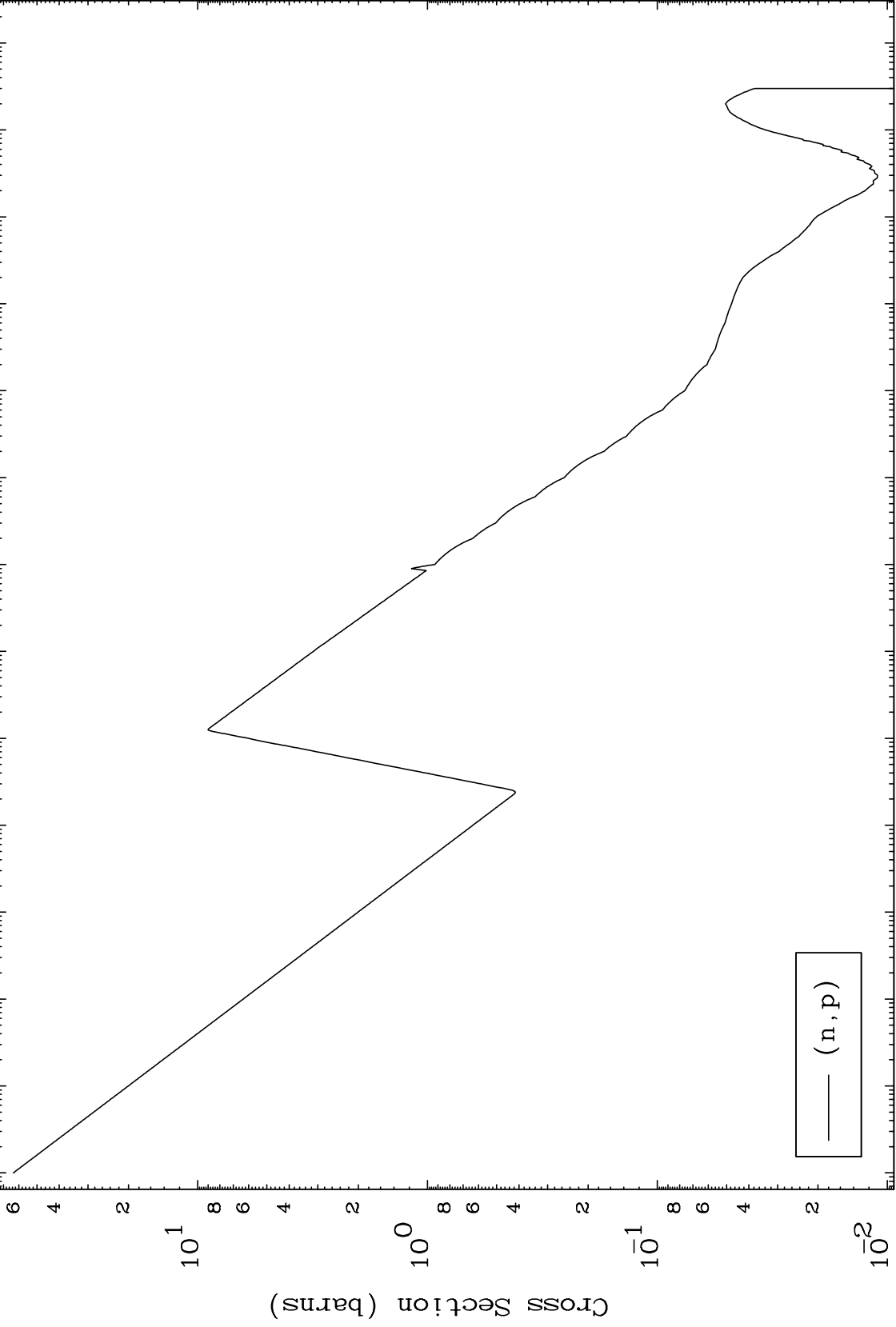
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-128



10

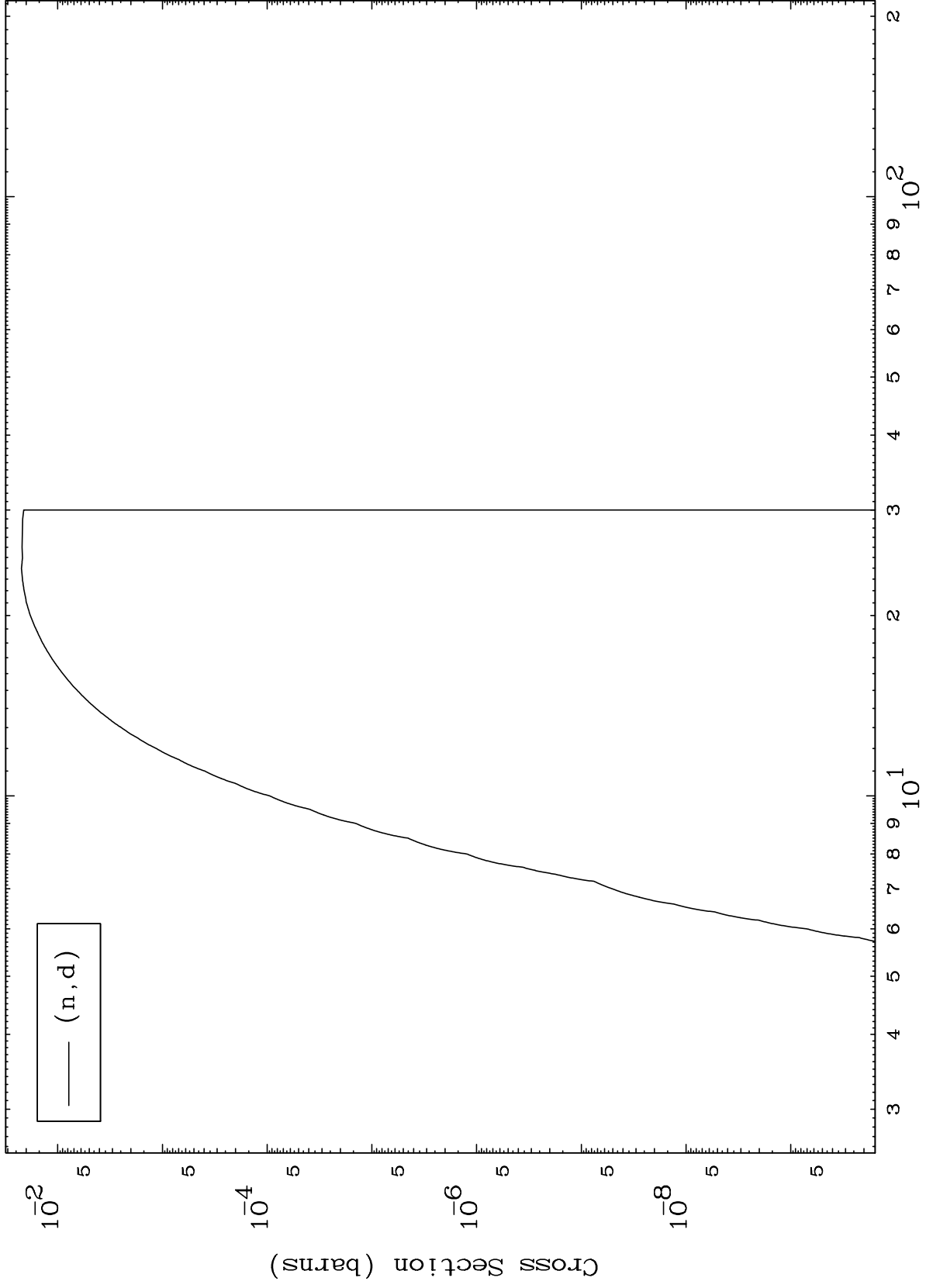
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,d) Levels
293 Kelvin Cross Sections

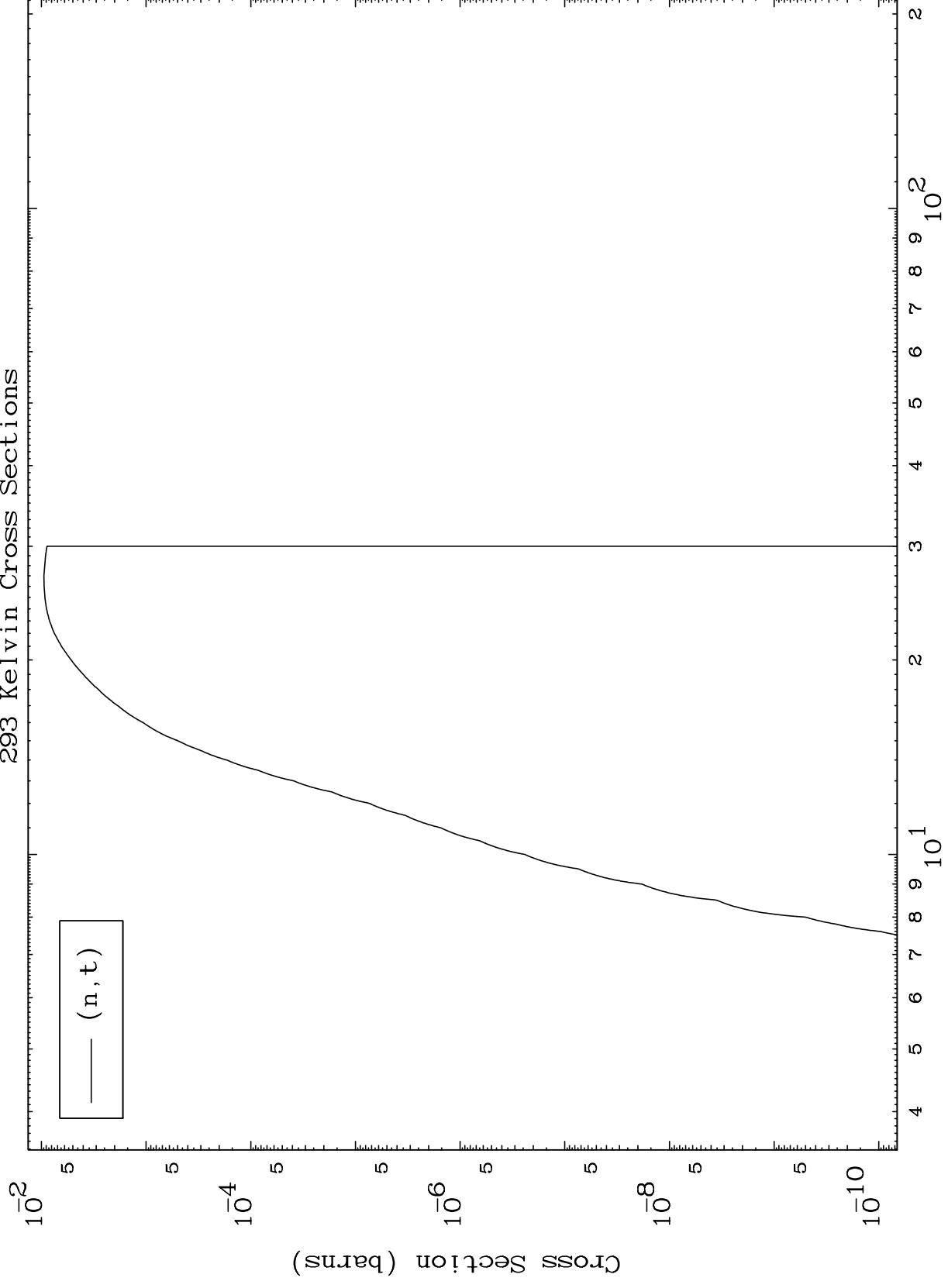
55-Cs-128



MAT 5510

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-128



12

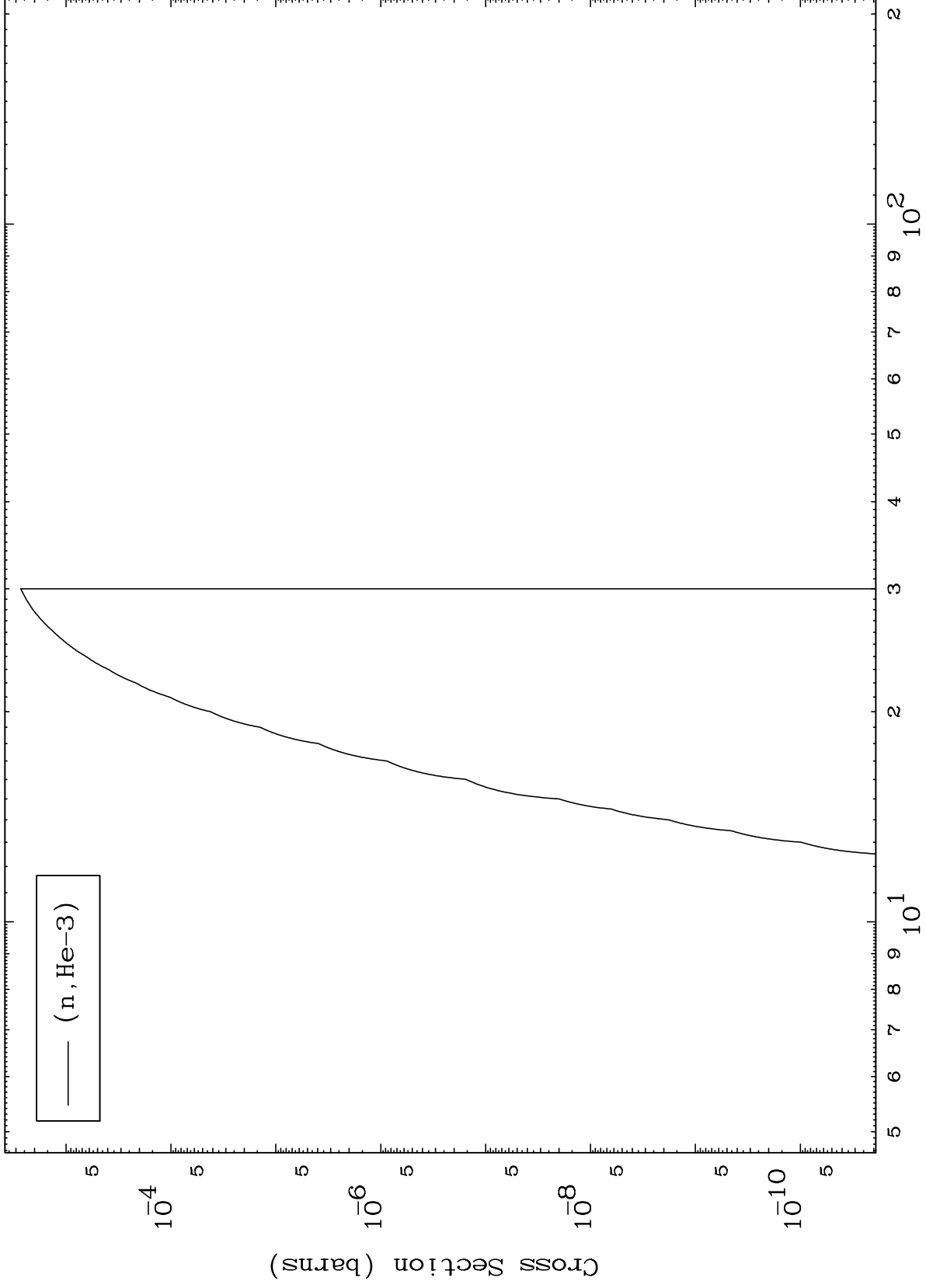
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-128



13

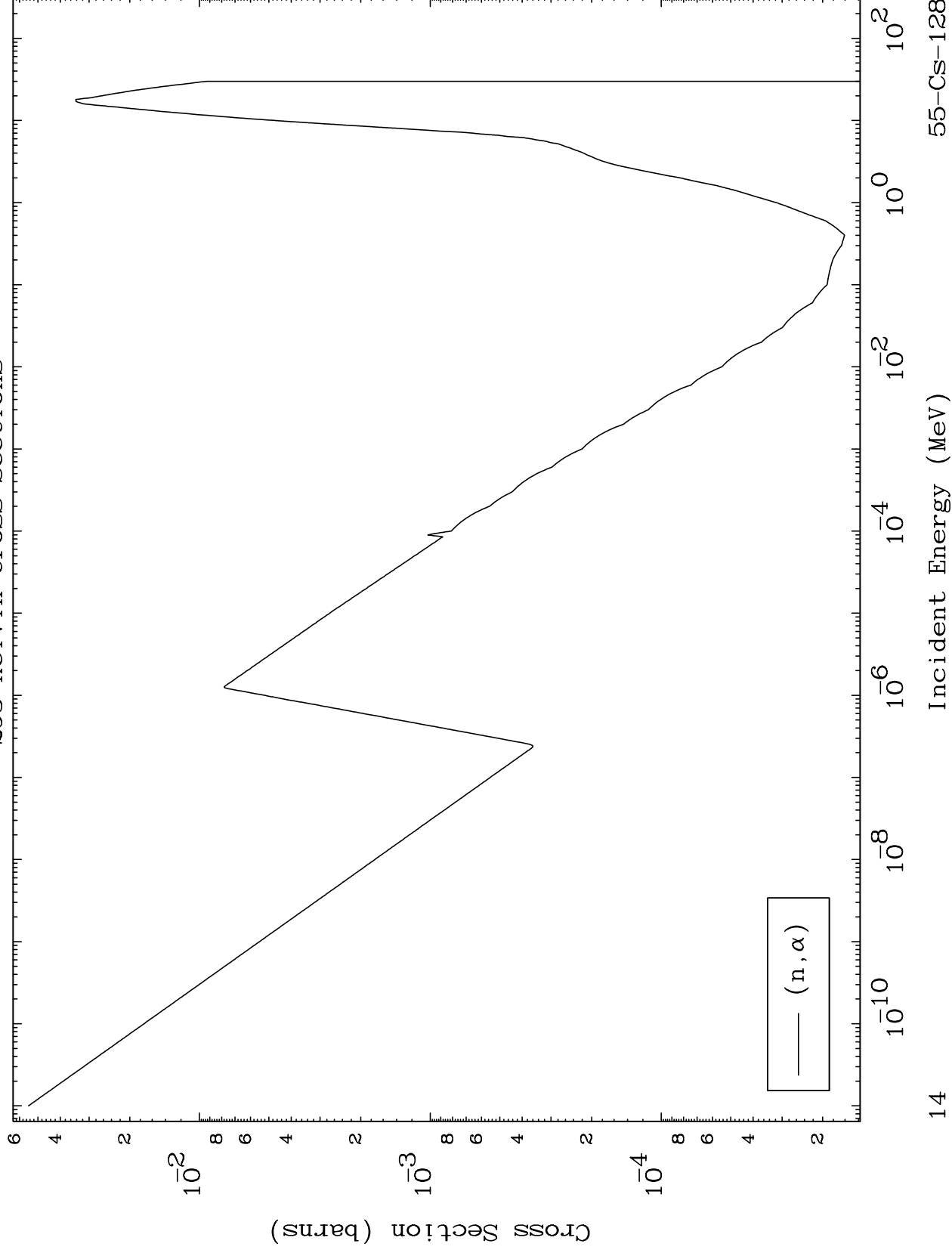
Incident Energy (MeV)

55-Cs-128

MAT 5510

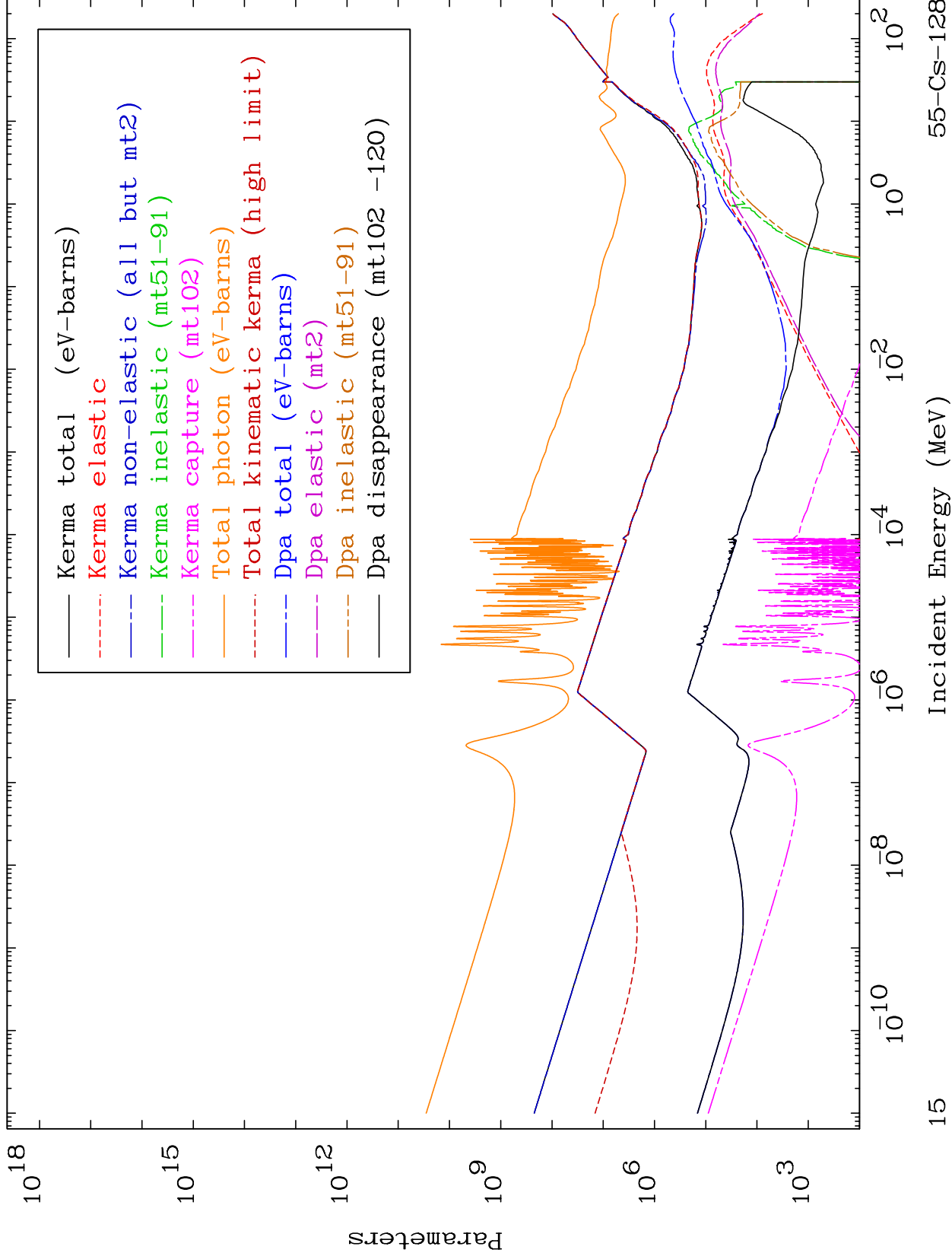
(n,α) Levels
293 Kelvin Cross Sections

55-Cs-128



14

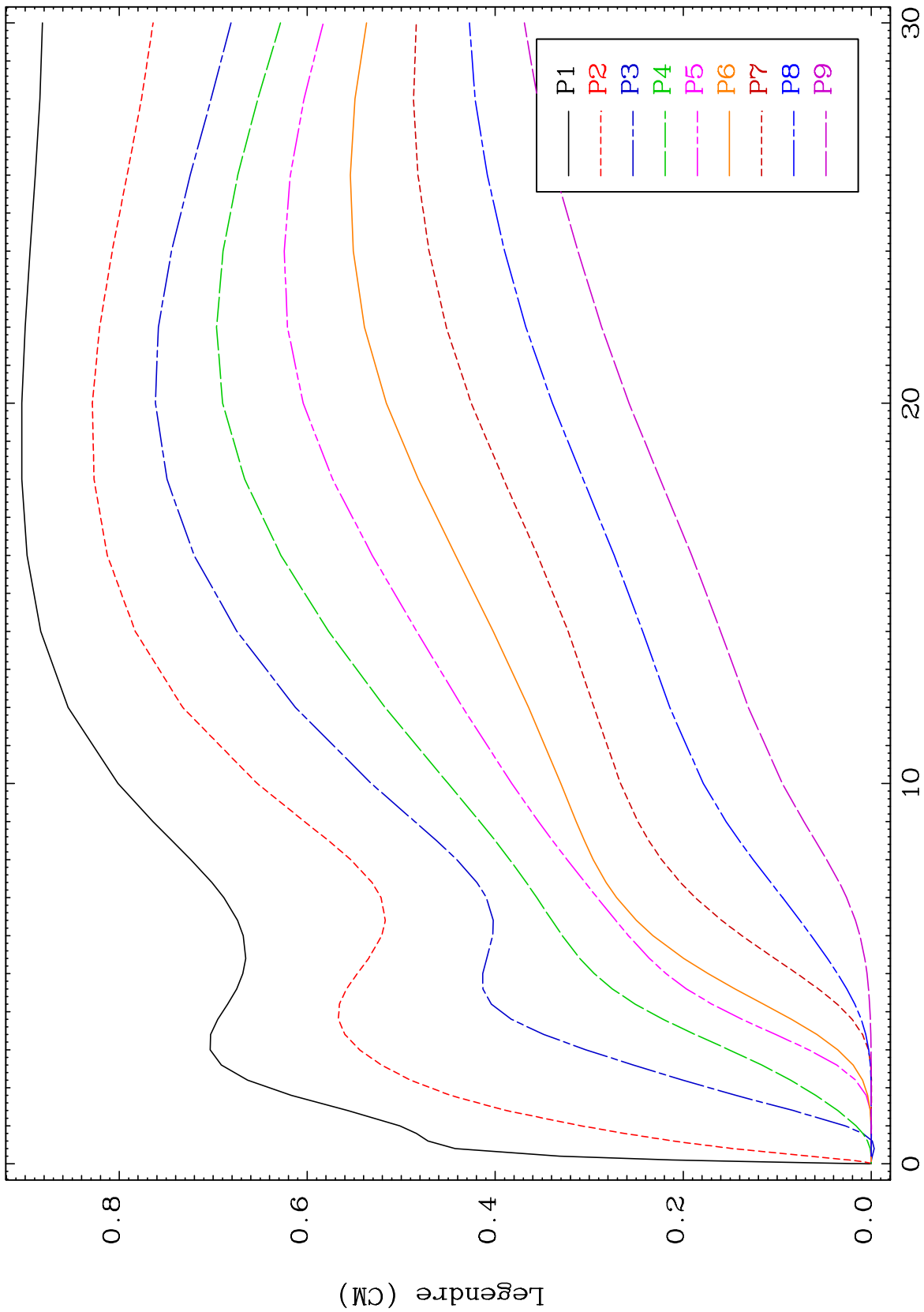
55-Cs-128



MAT 5510

55-Cs-128

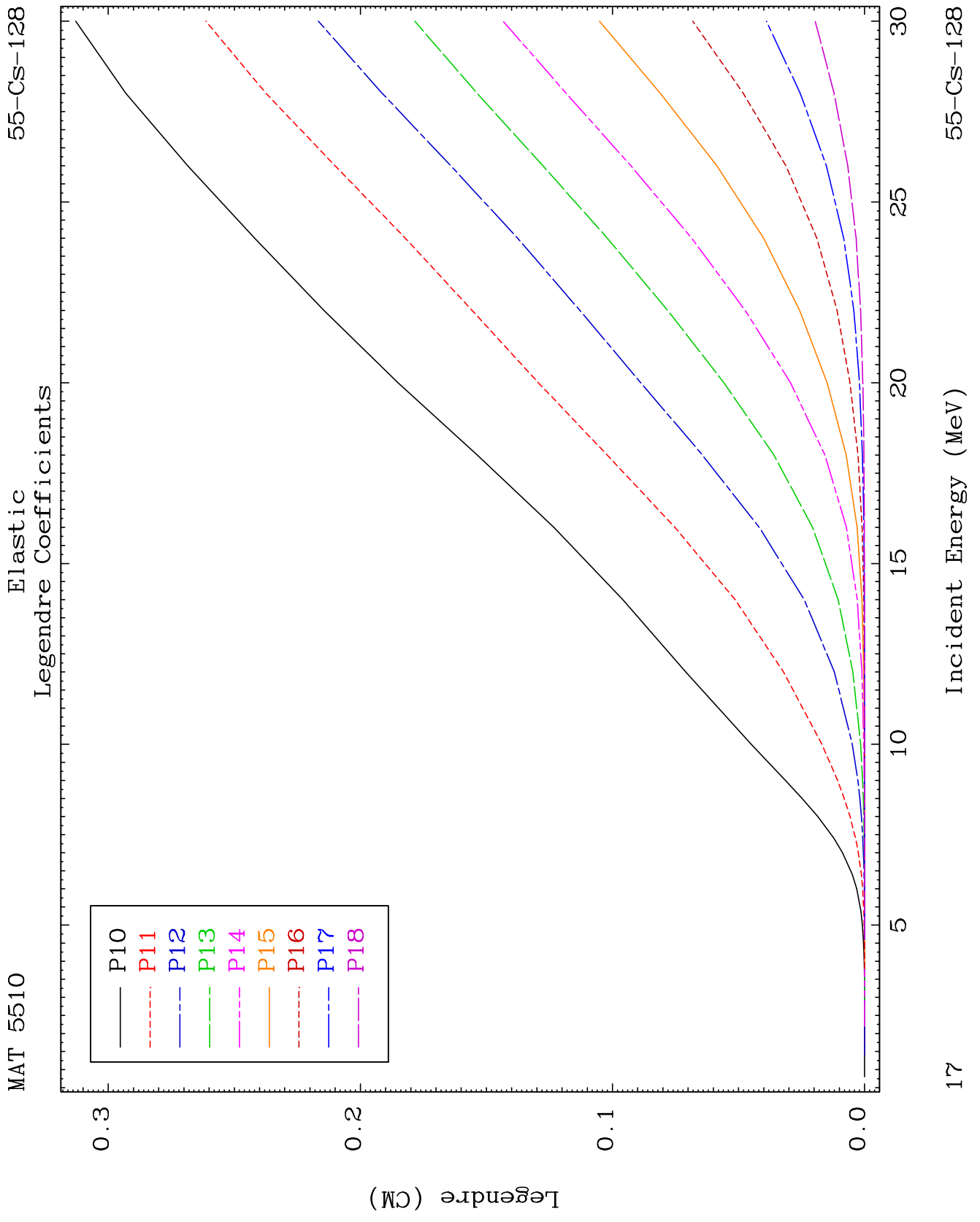
Elastic Legendre Coefficients



55-Cs-128

Incident Energy (MeV)

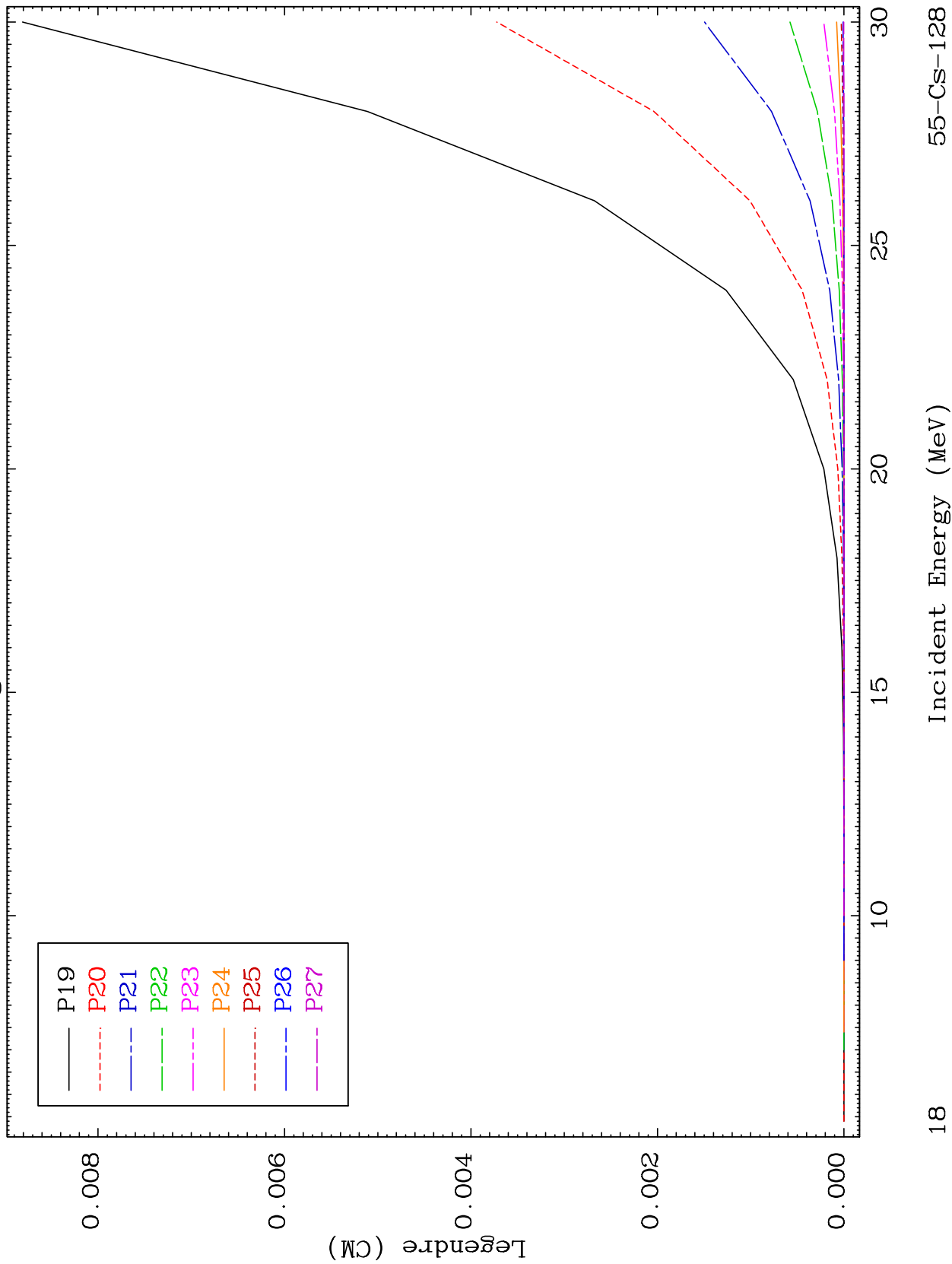
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MAT 5510

Elastic Legendre Coefficients

55-Cs-128



18

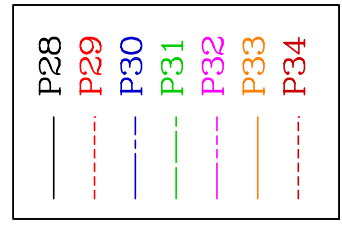
Incident Energy (MeV)

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MAT 5510

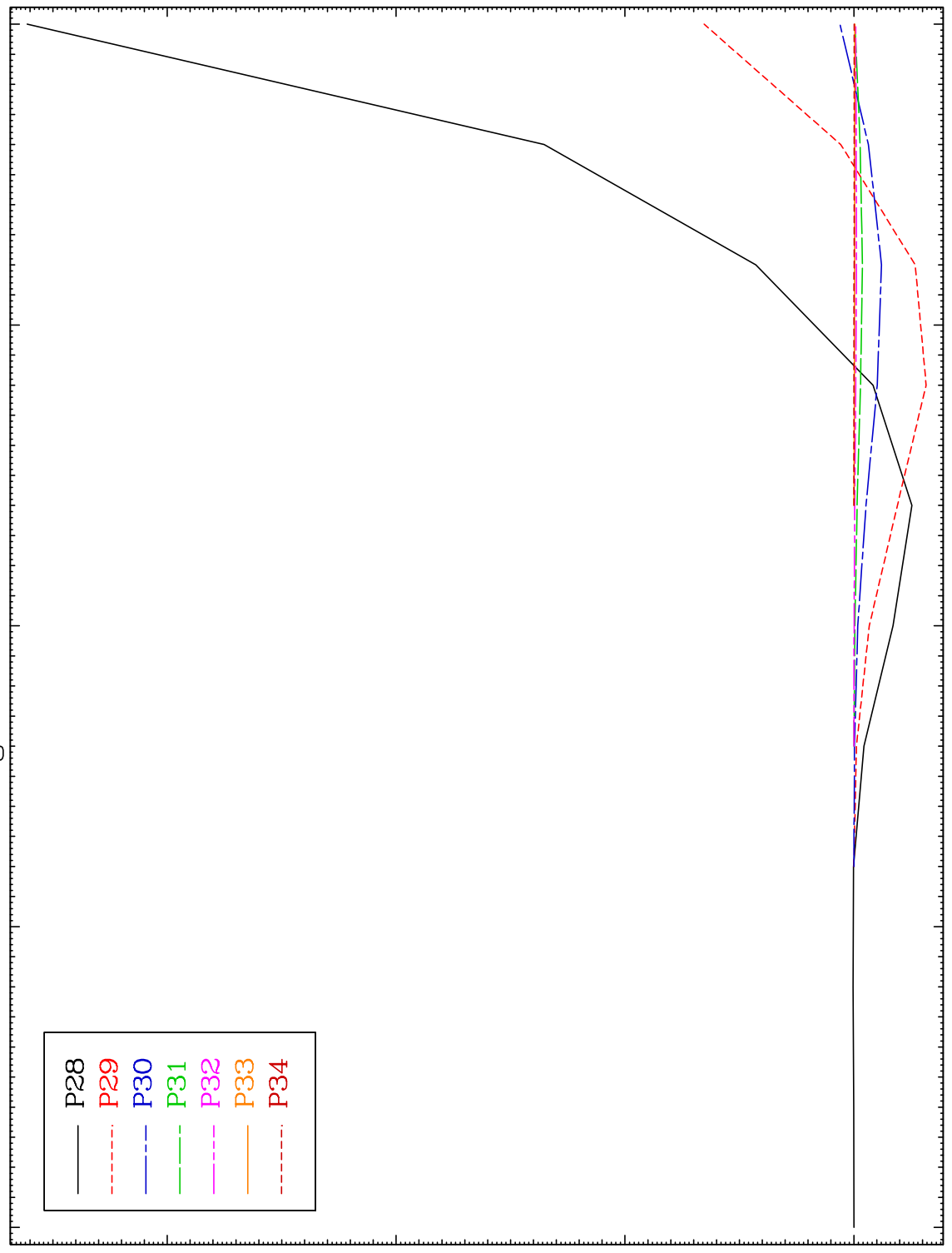
Elastic Legendre Coefficients

55-Cs-128



$\times 10^{-7}$

Legendre (CM)



10

15

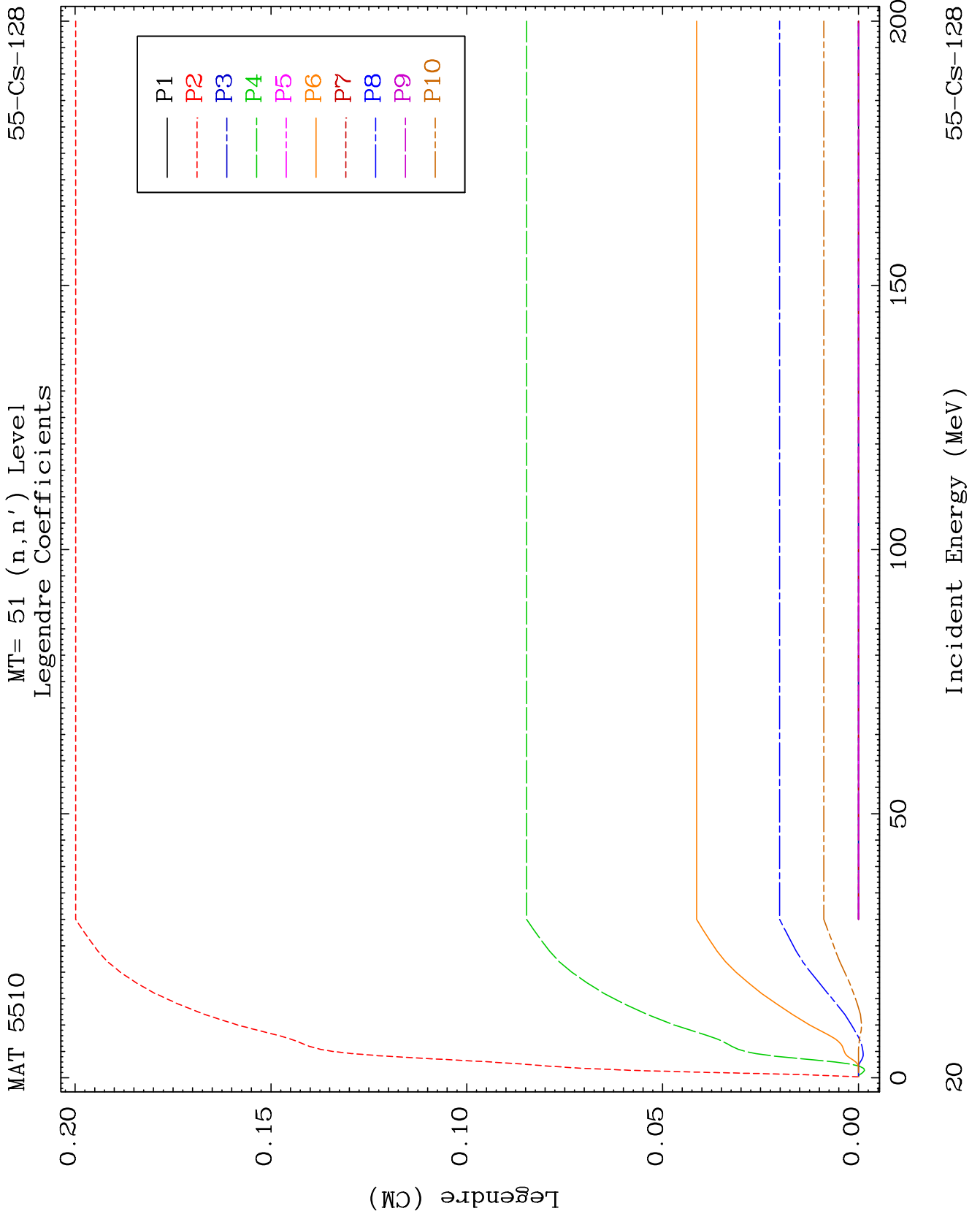
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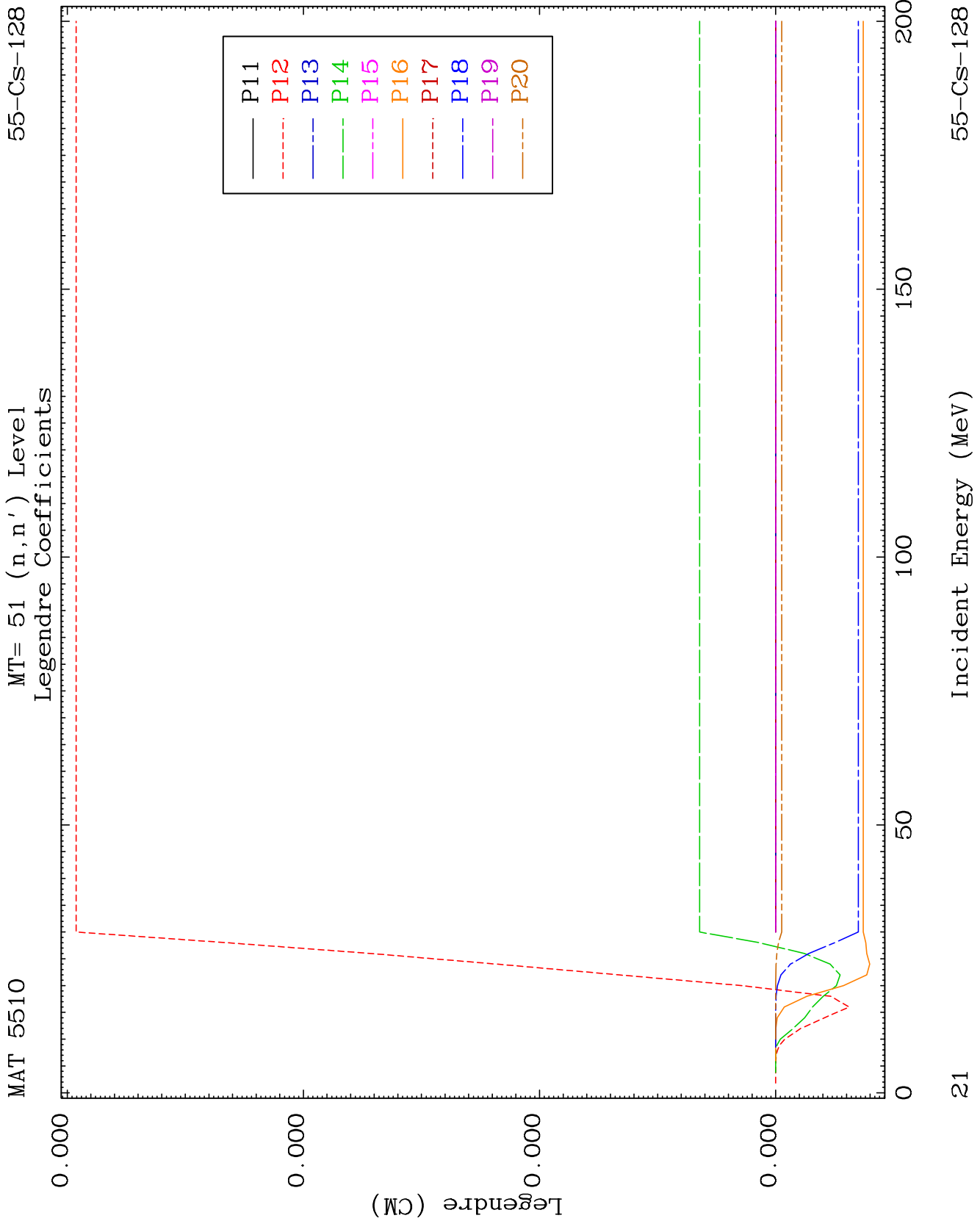
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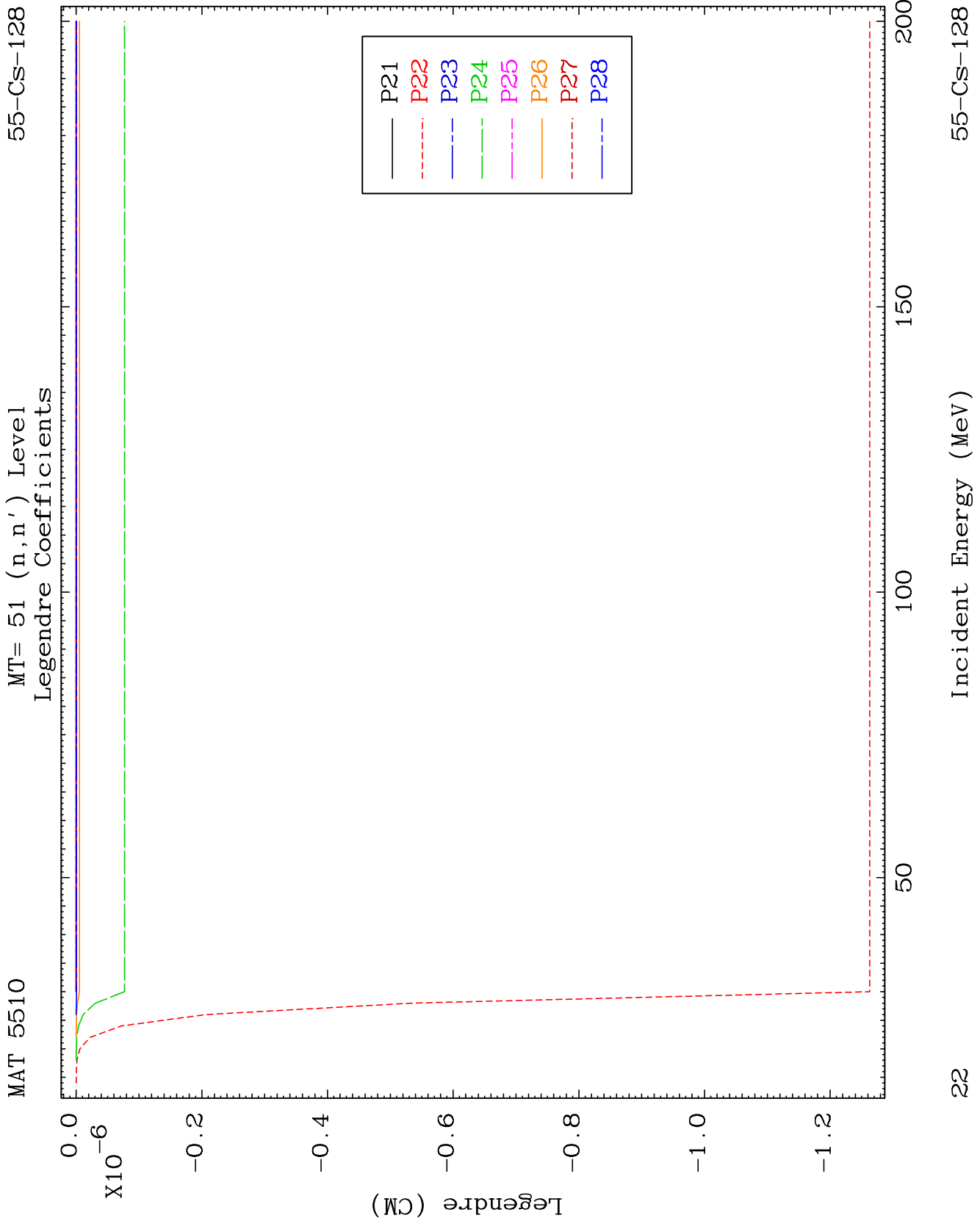
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Incident Energy (MeV)

55-Cs-128



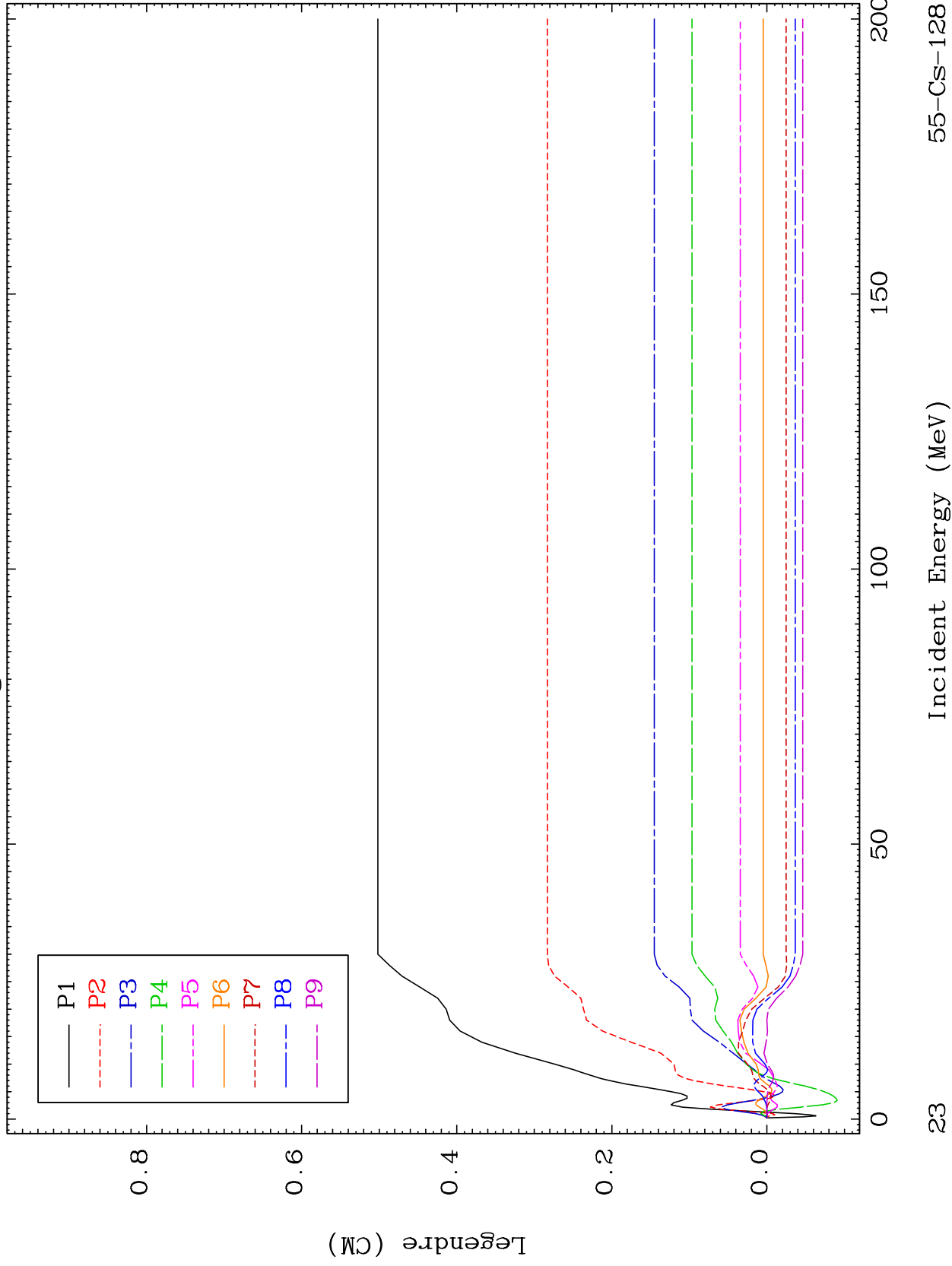




MAT 5510

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

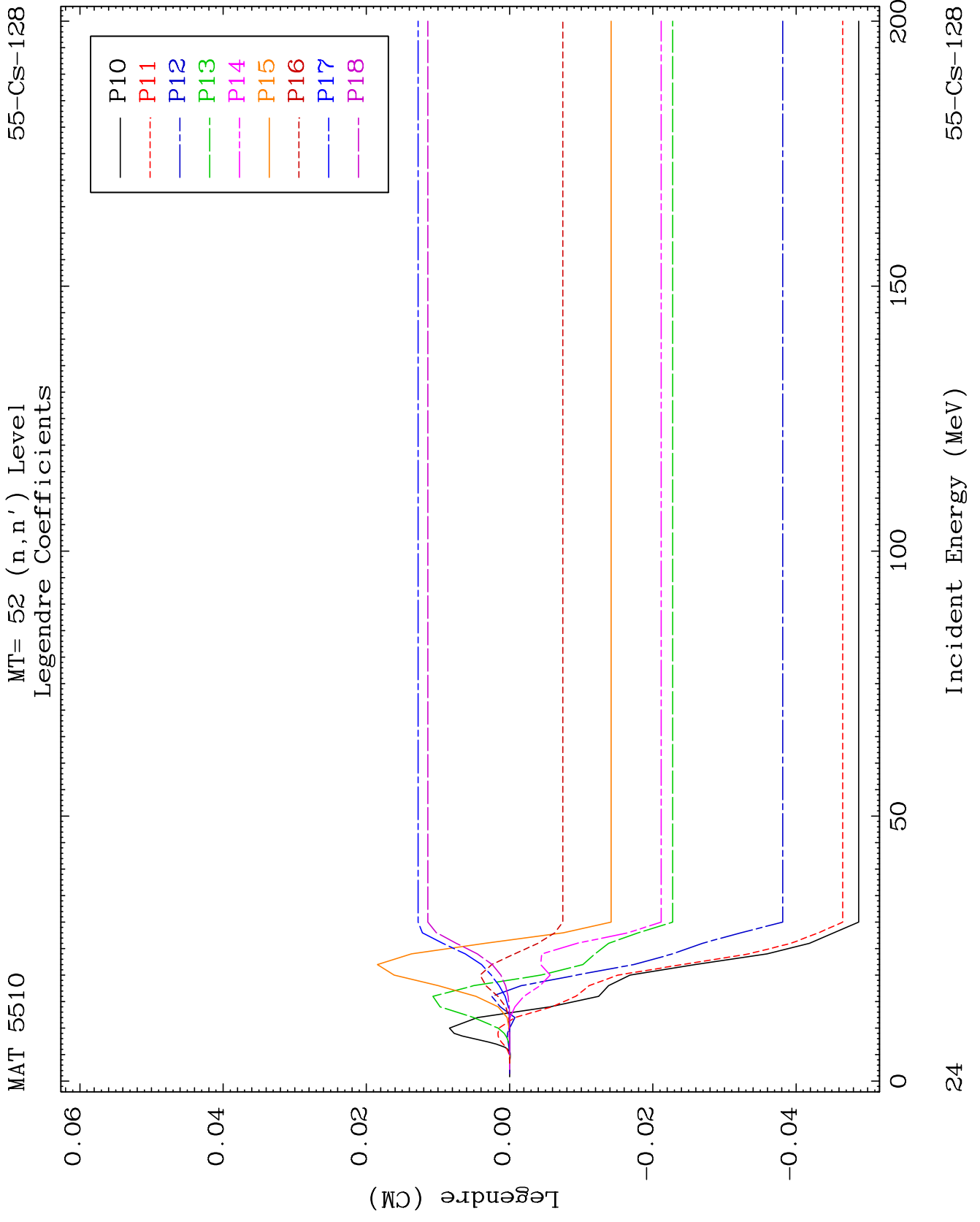
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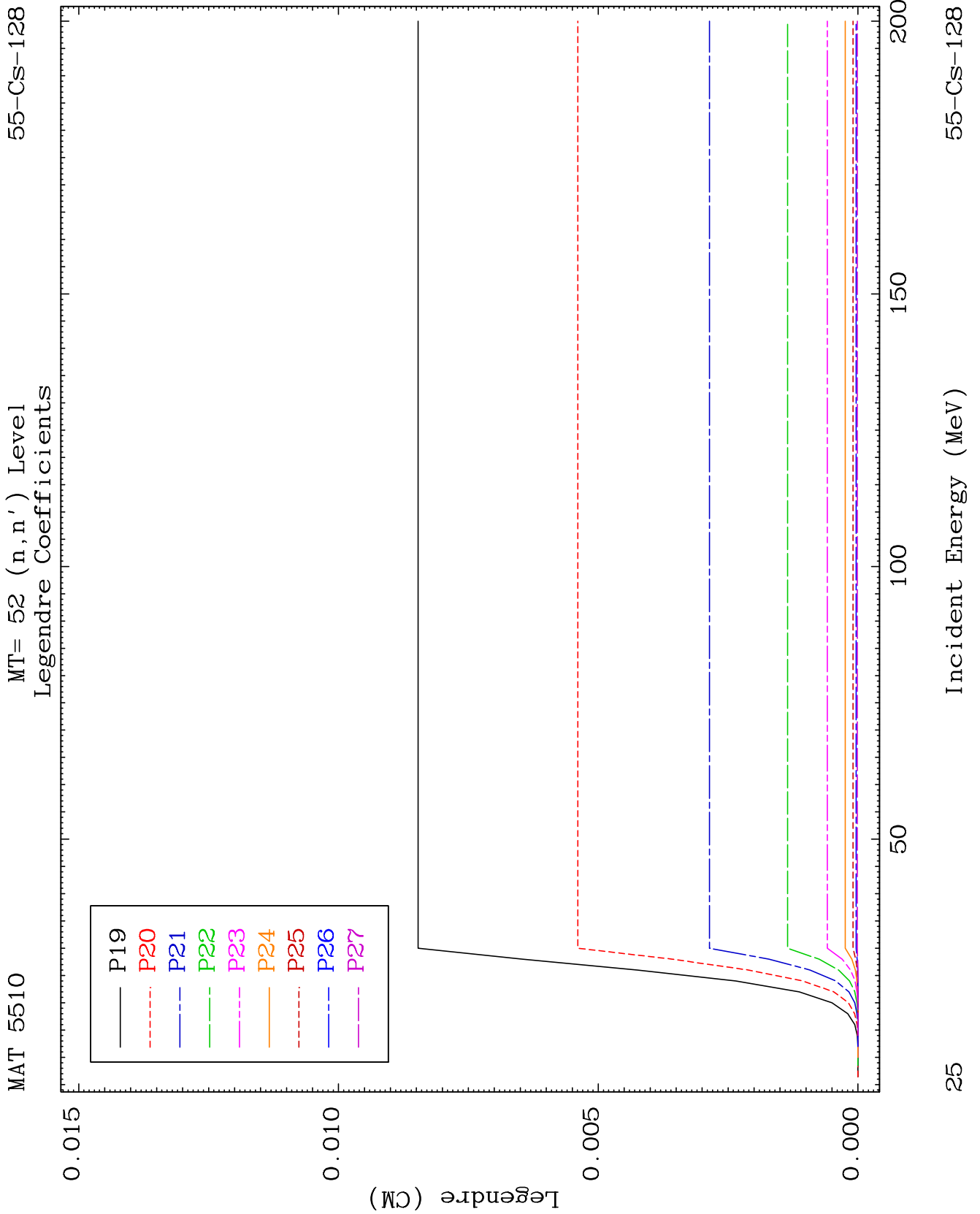


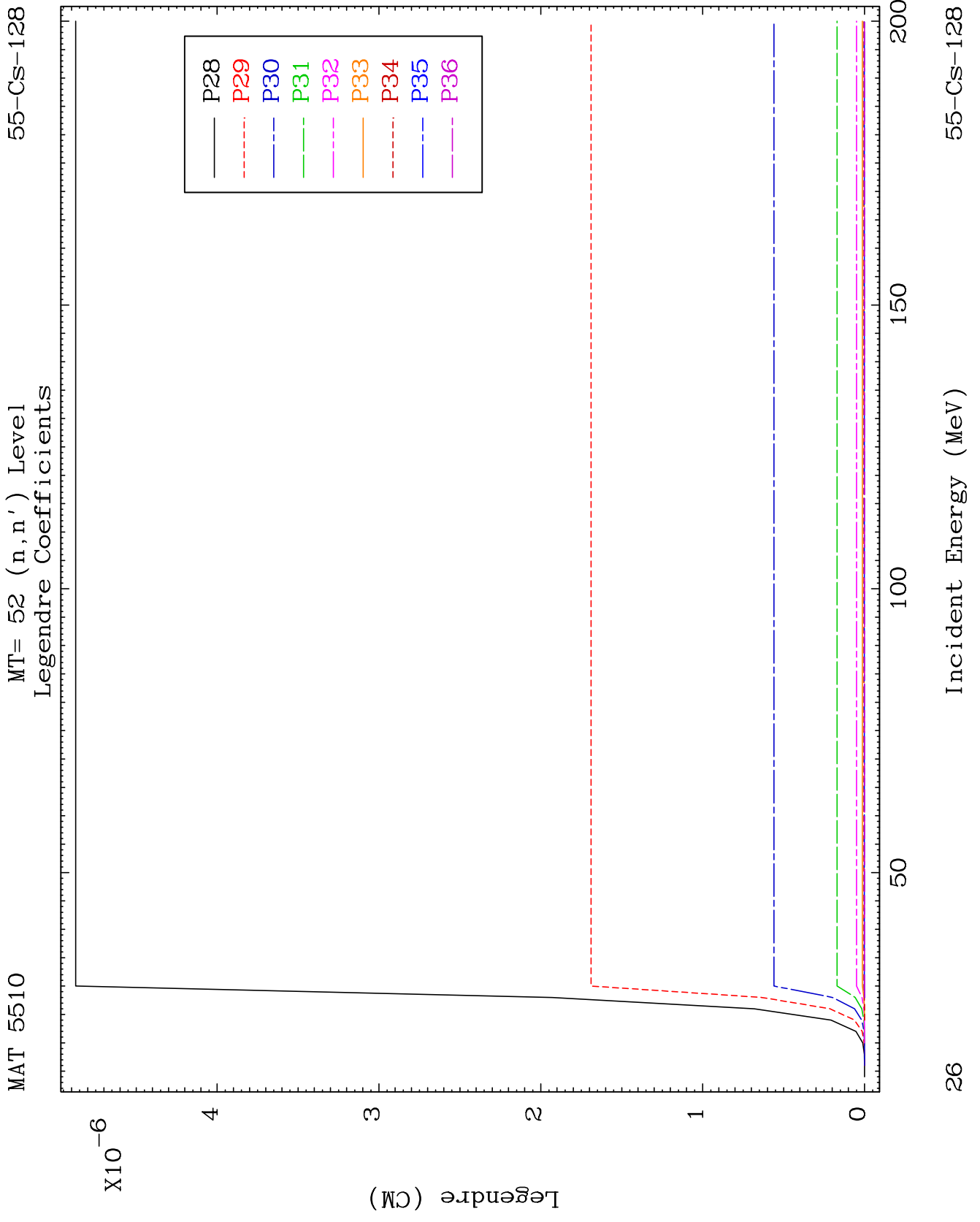
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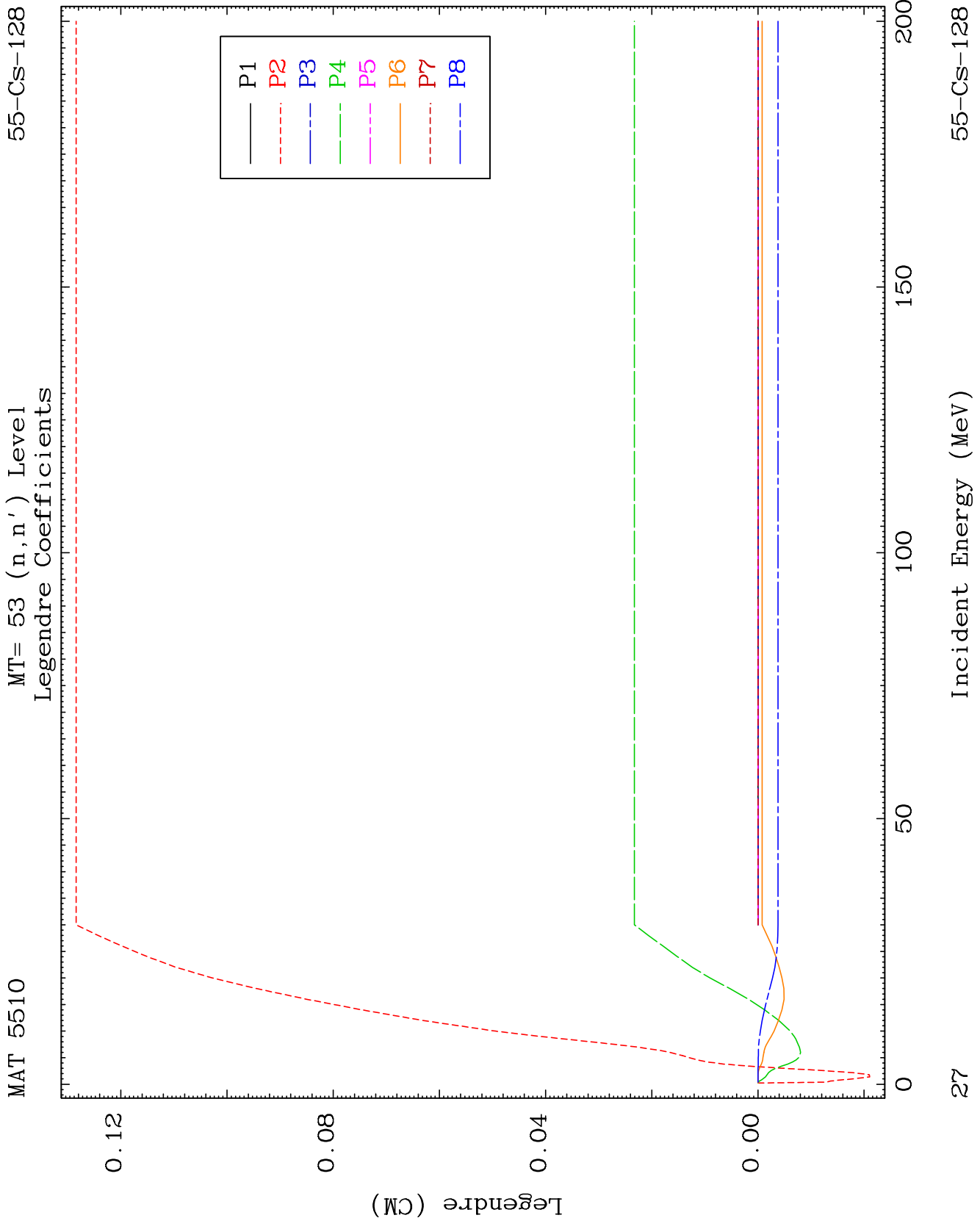
Incident Energy (MeV)

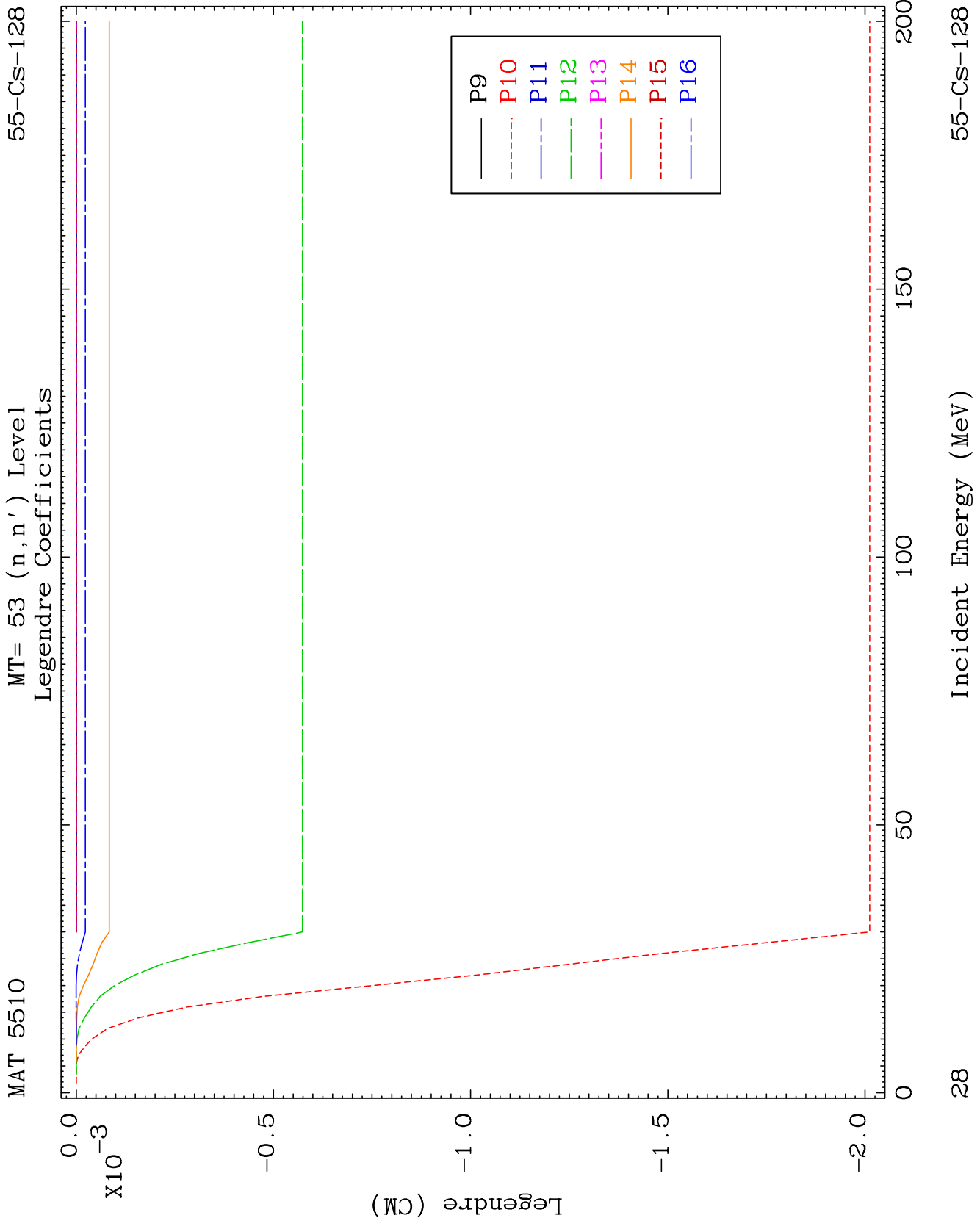
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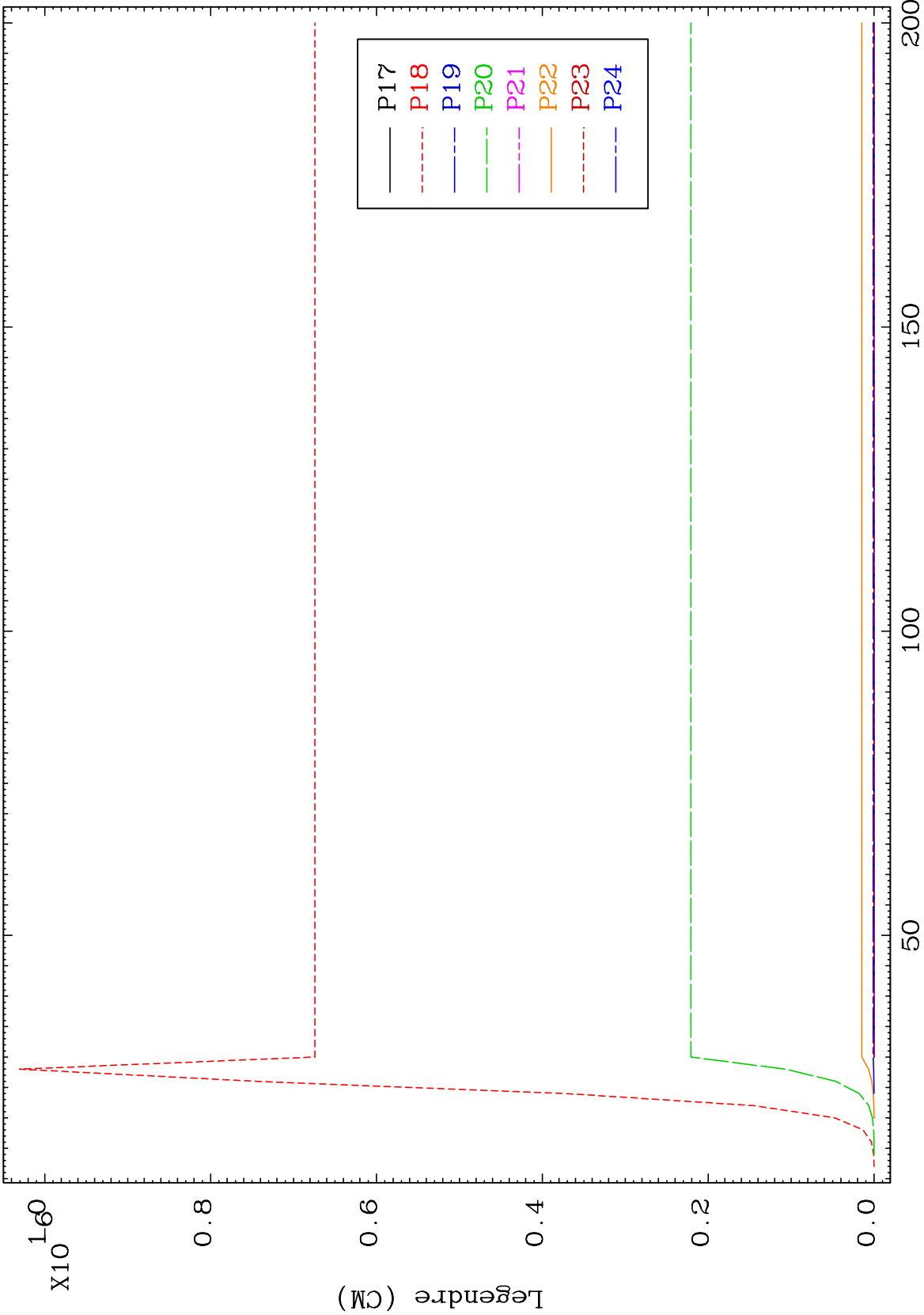




MAT 5510

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

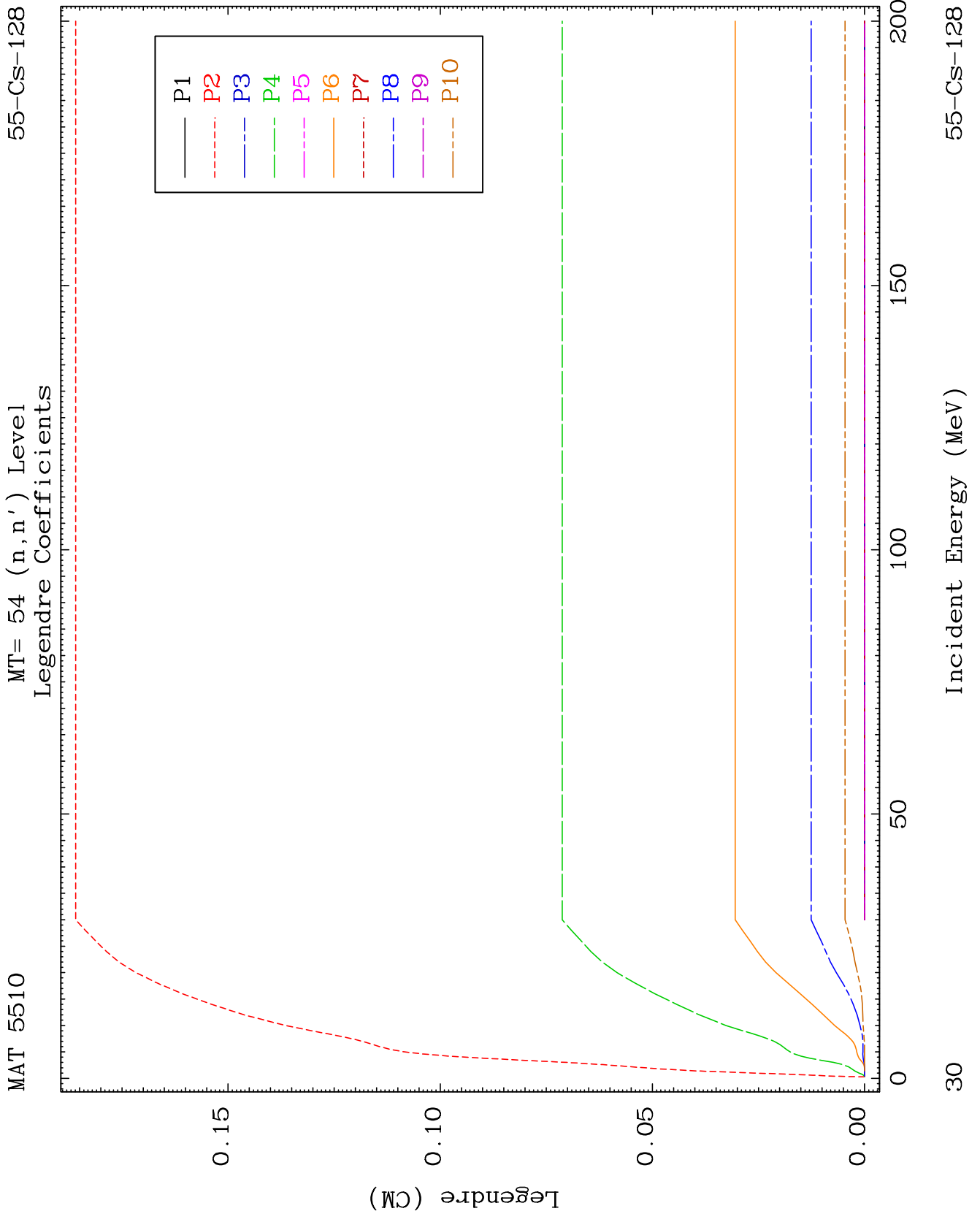
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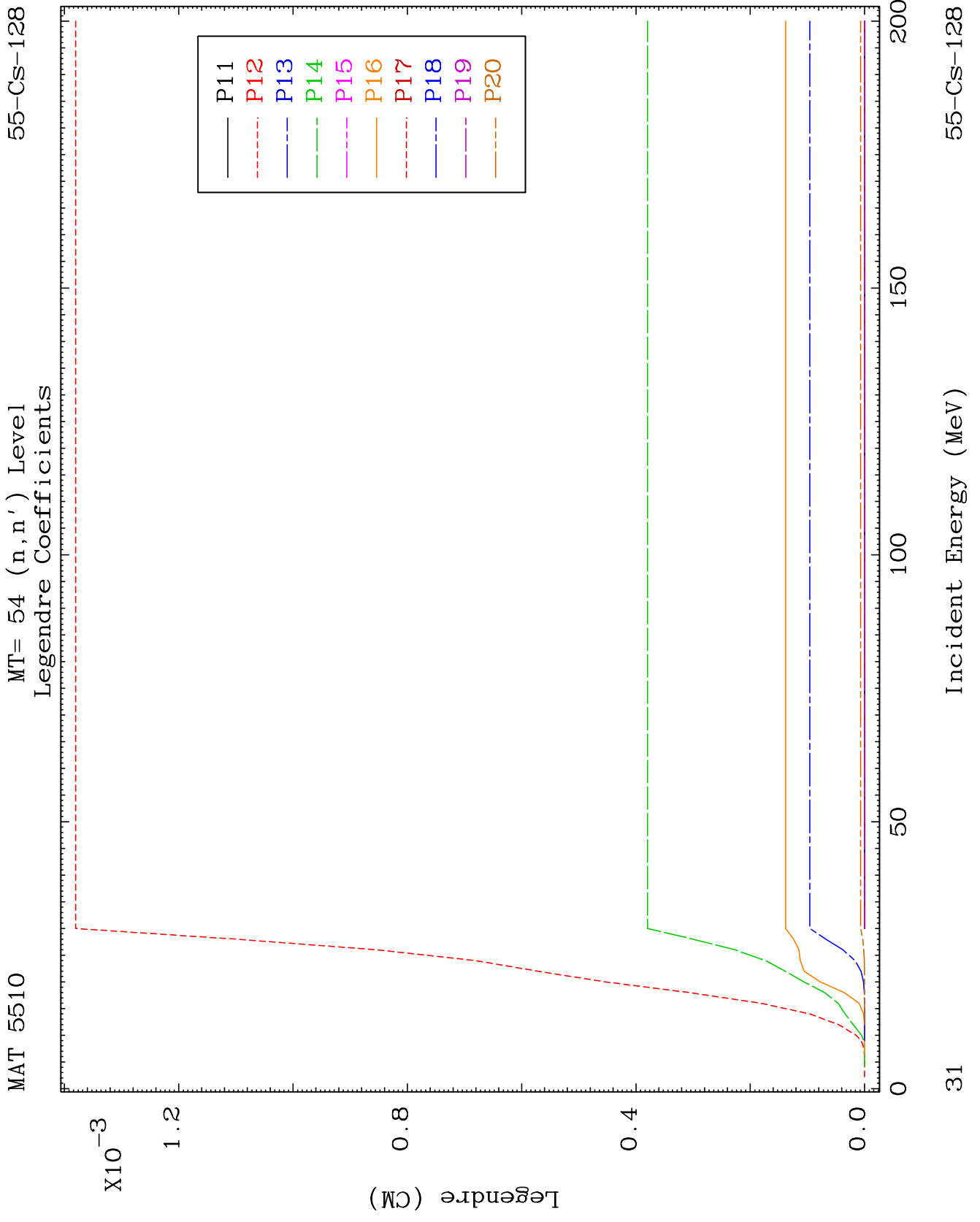


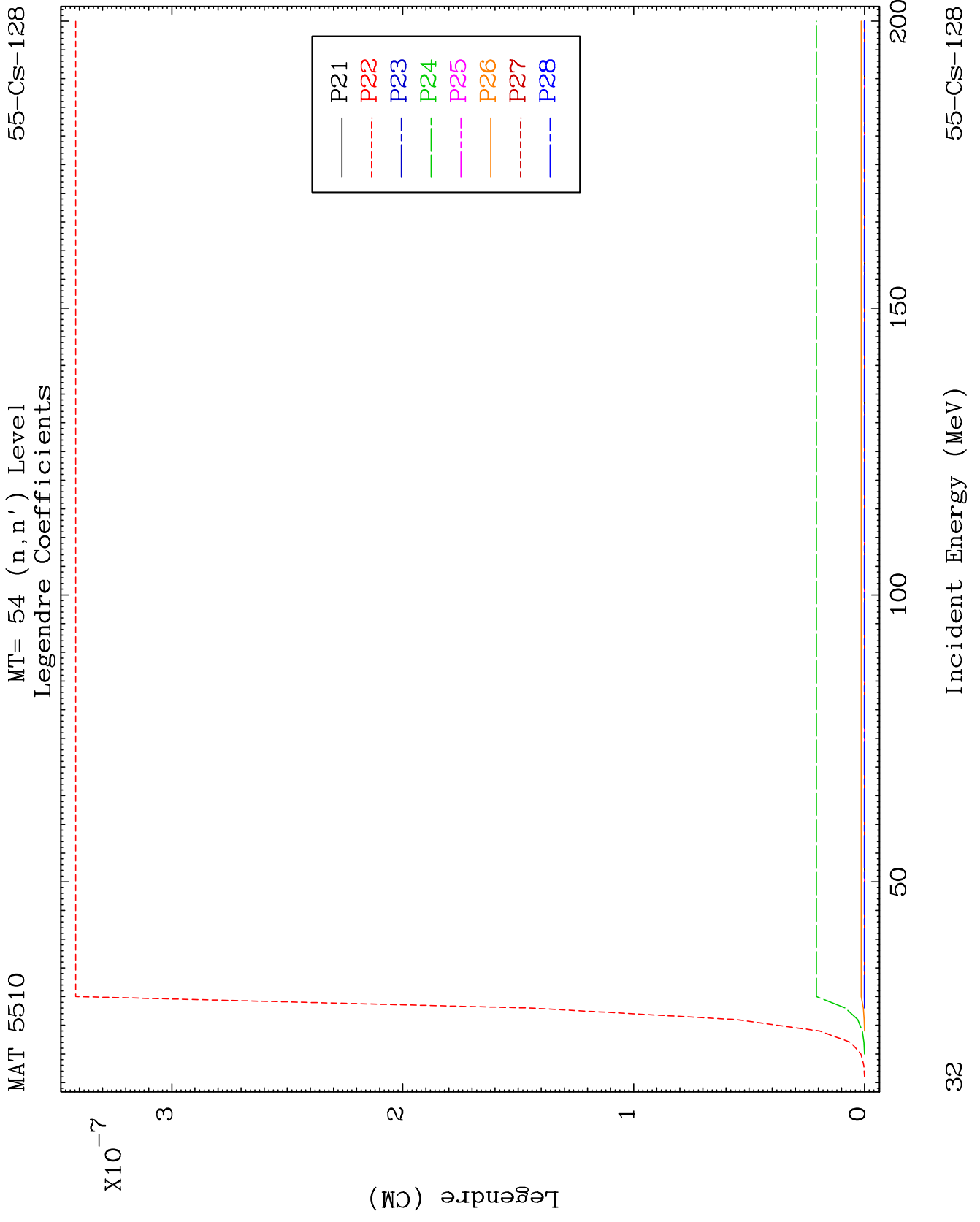
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Incident Energy (MeV)

55-Cs-128



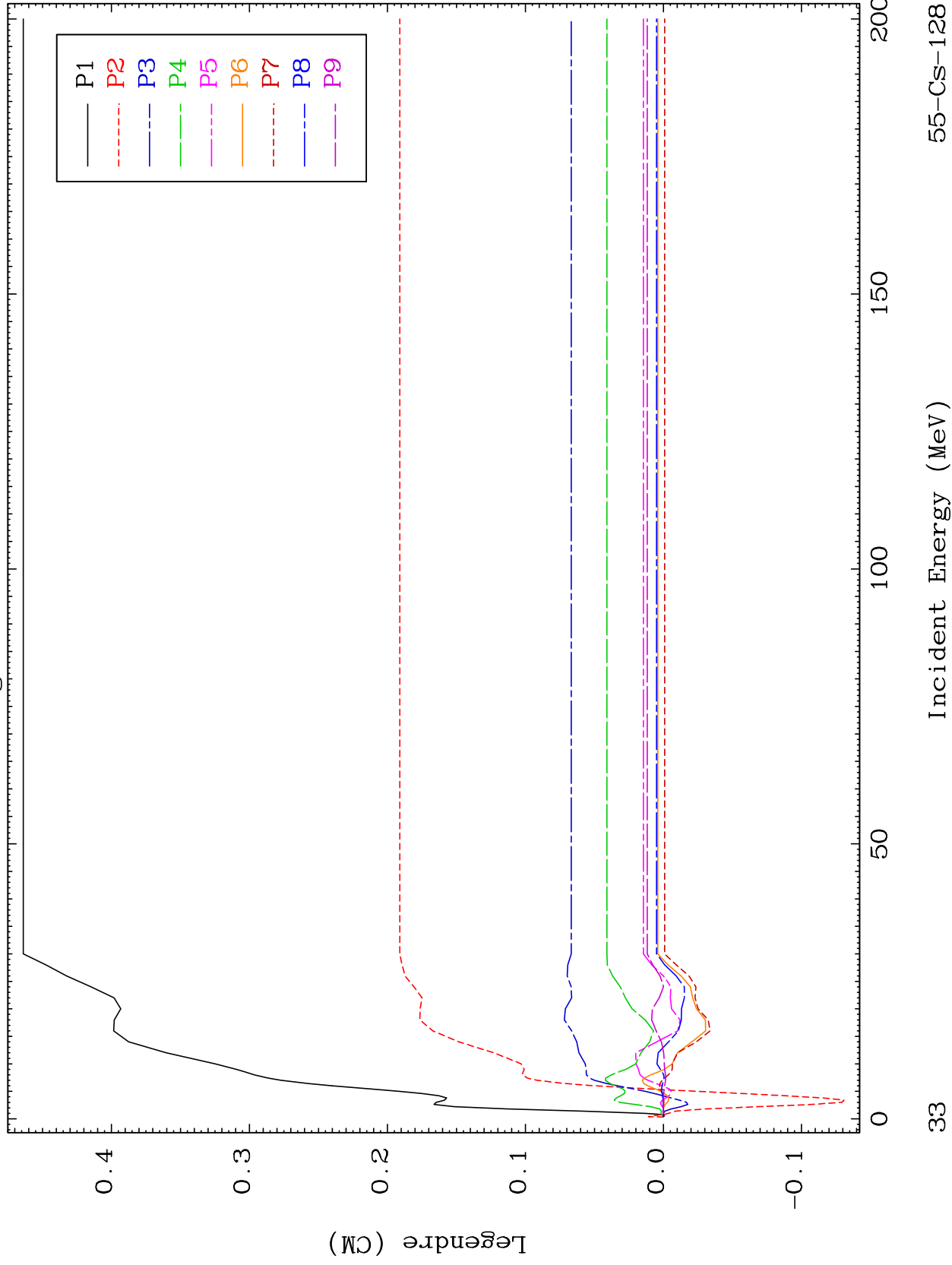




MAT 5510

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

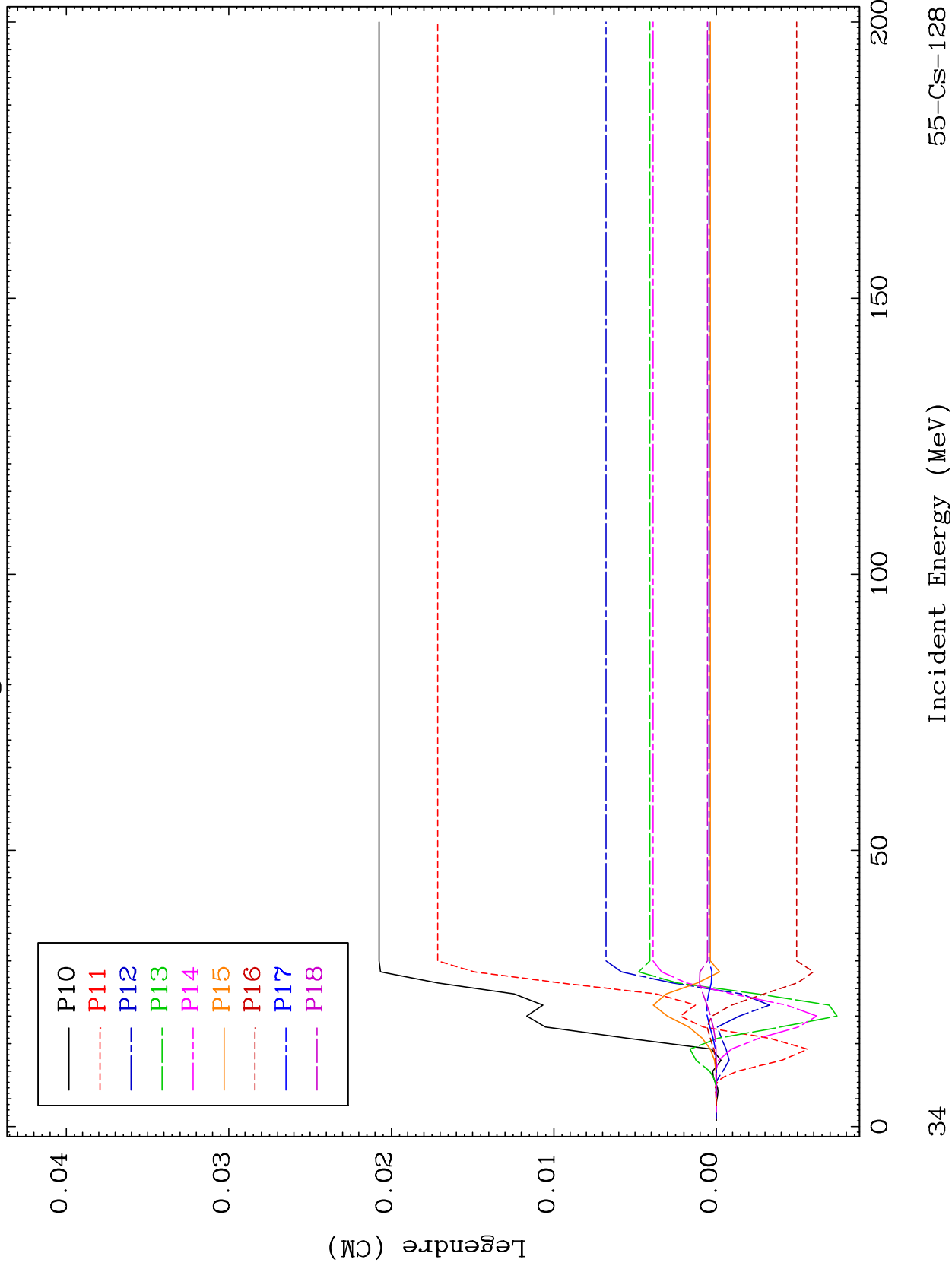
55-Cs-128



MAT 5510

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

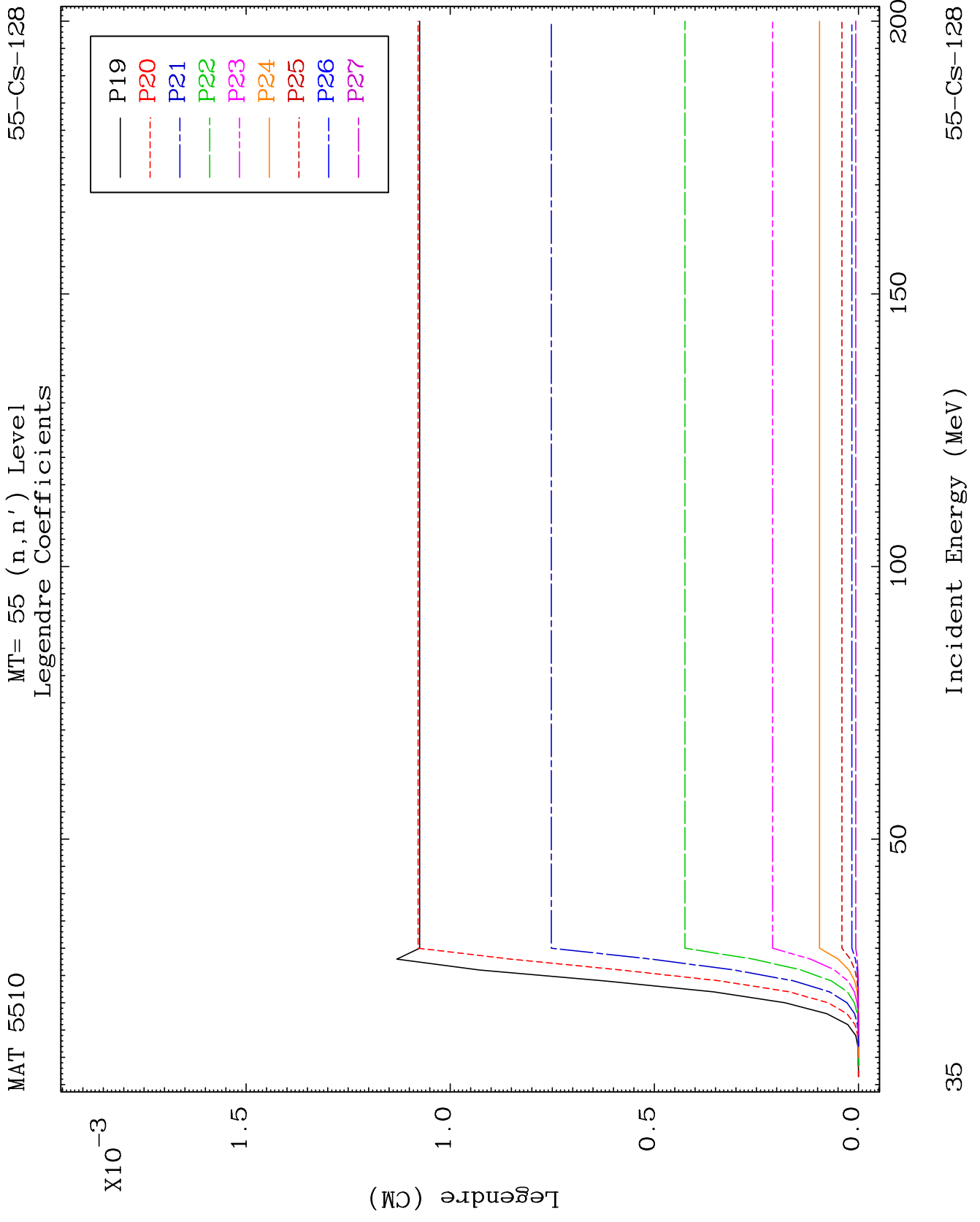
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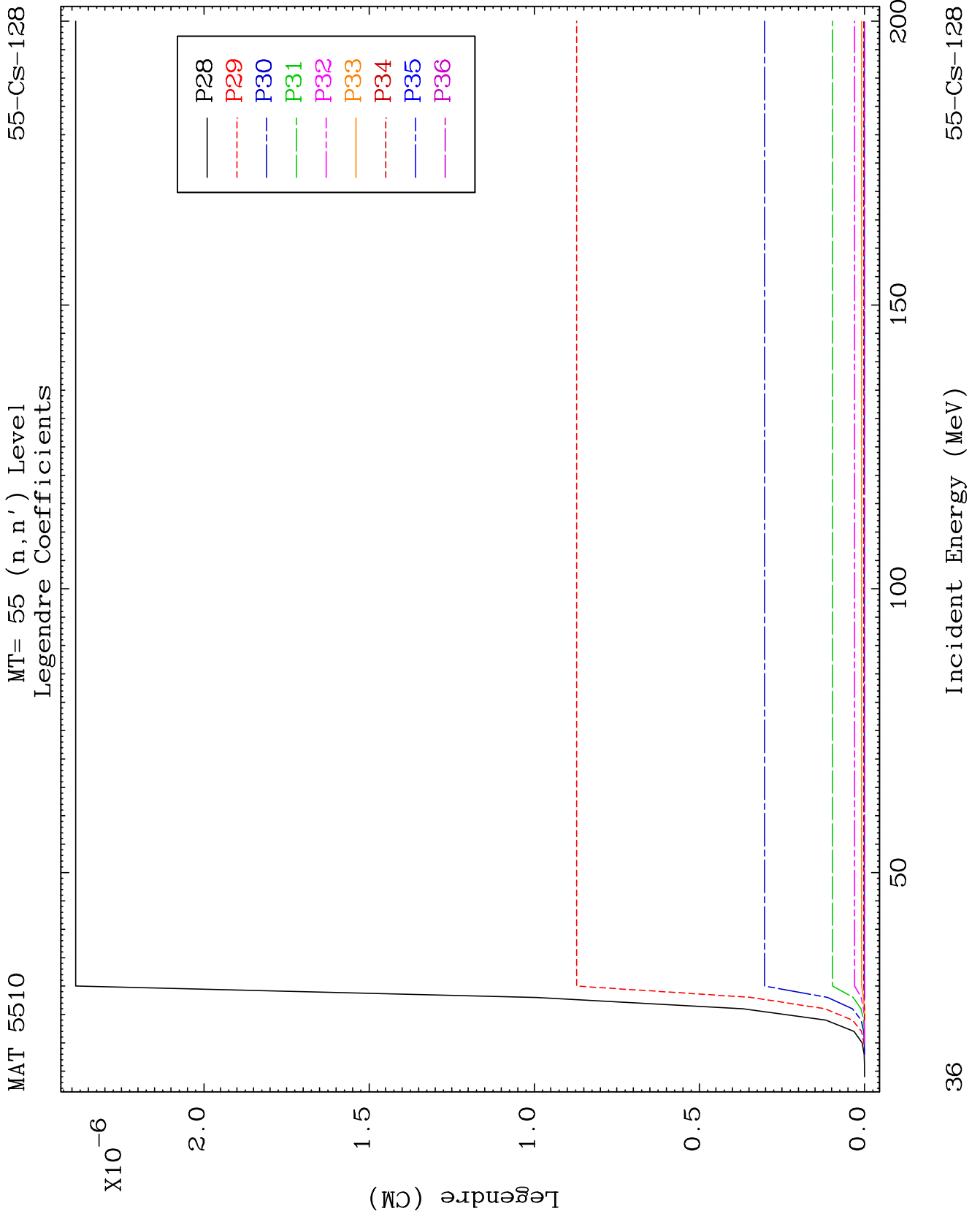


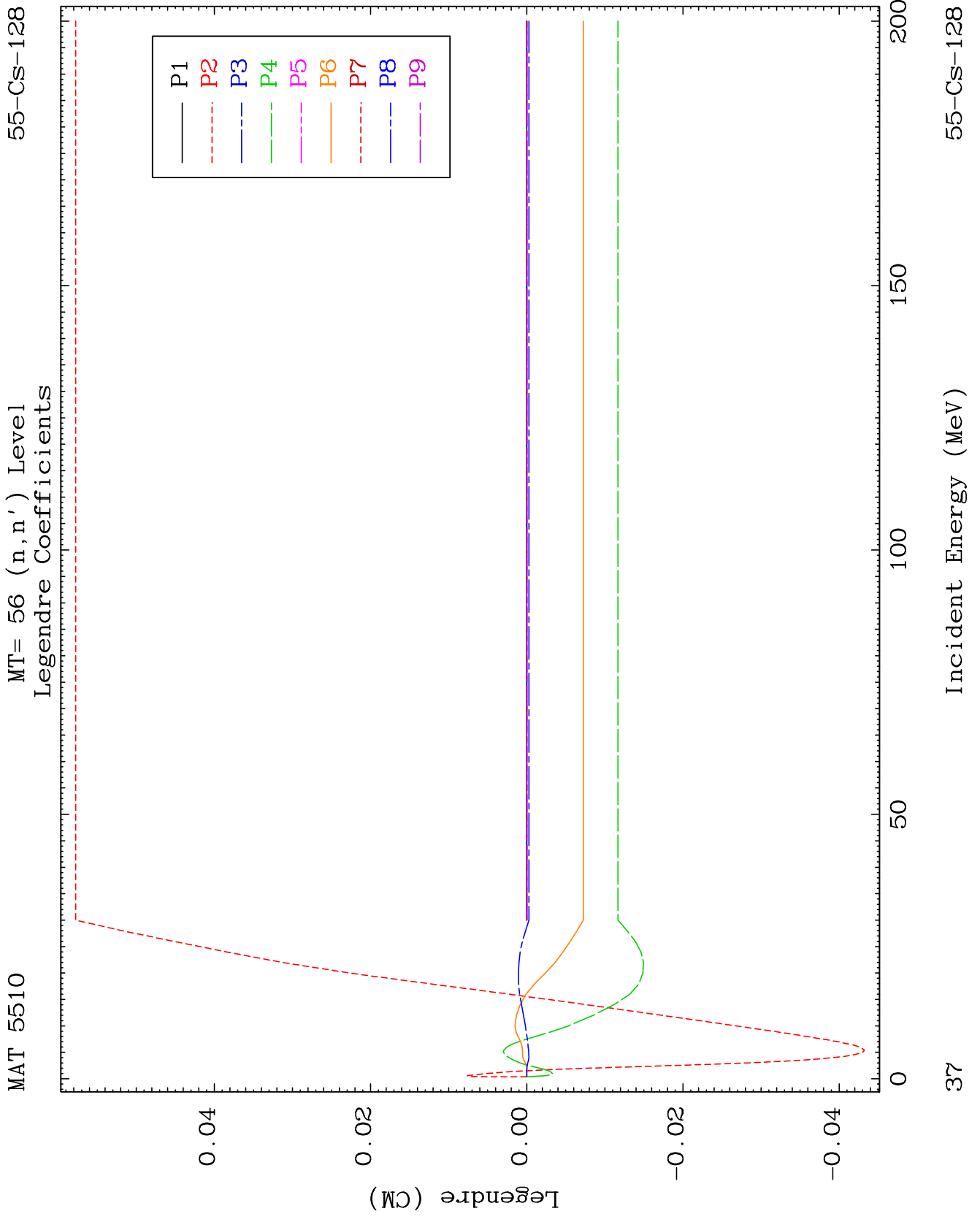
34

Incident Energy (MeV)

55-Cs-128



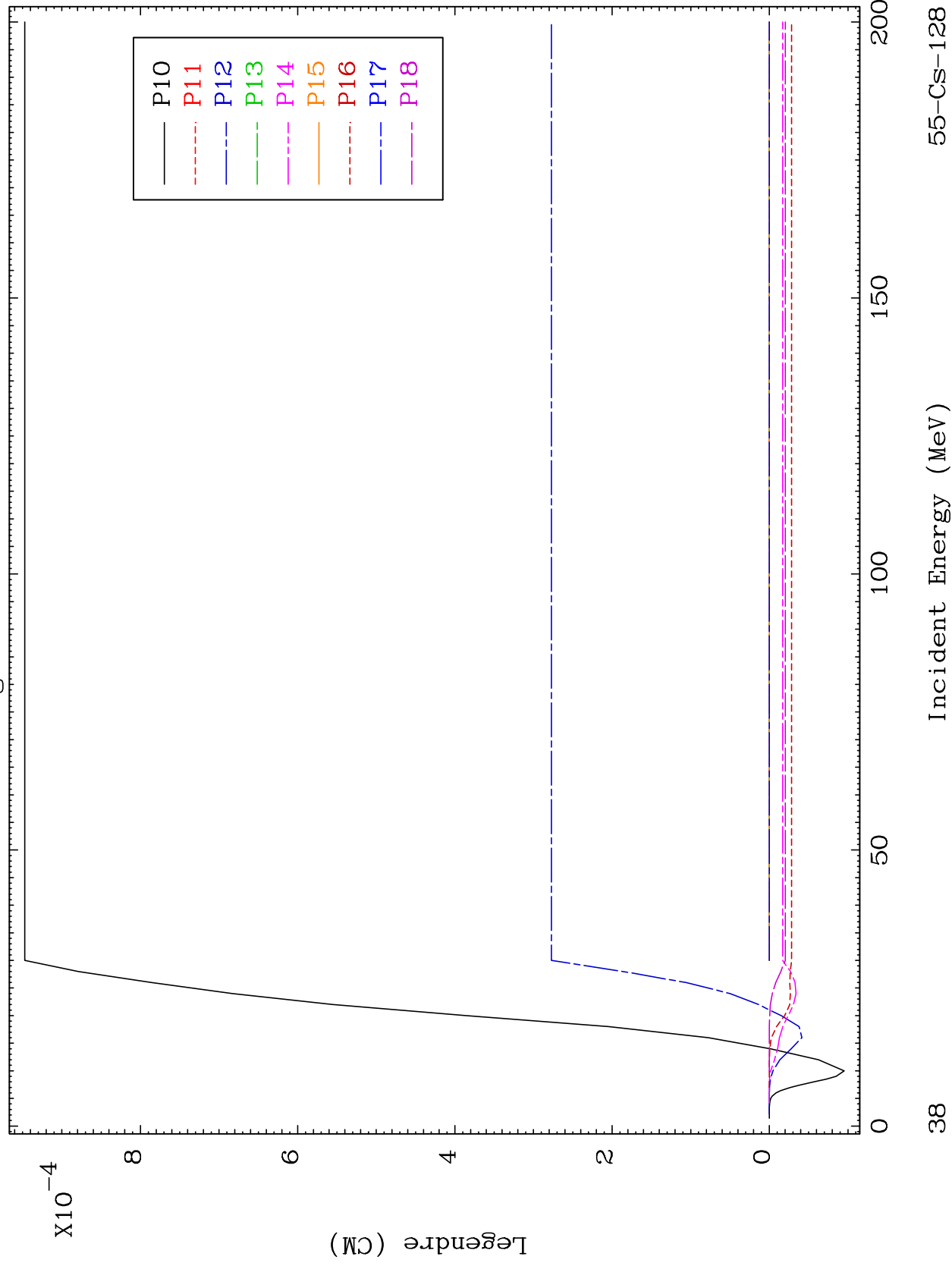




MAT 5510

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Legendre Coefficients

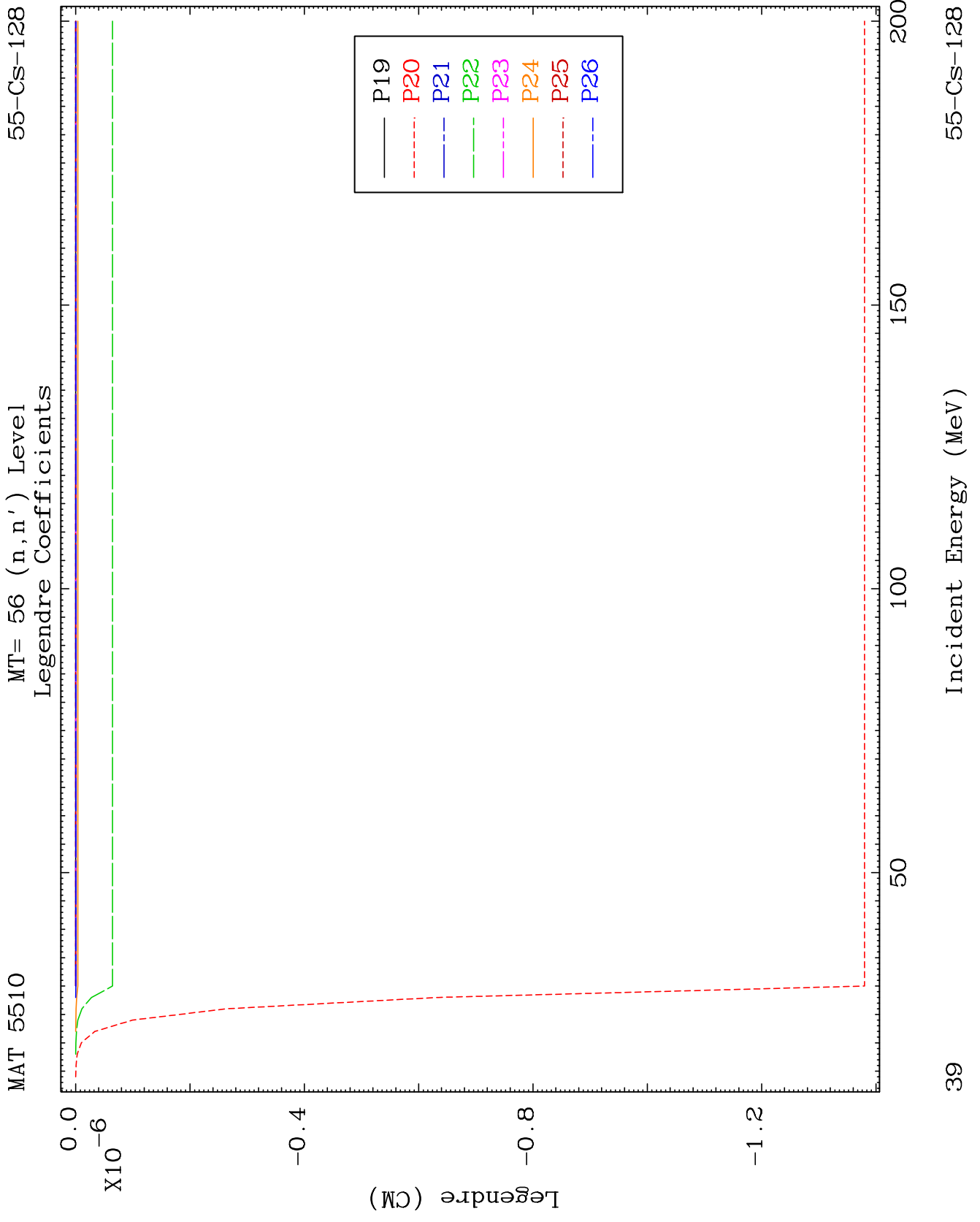
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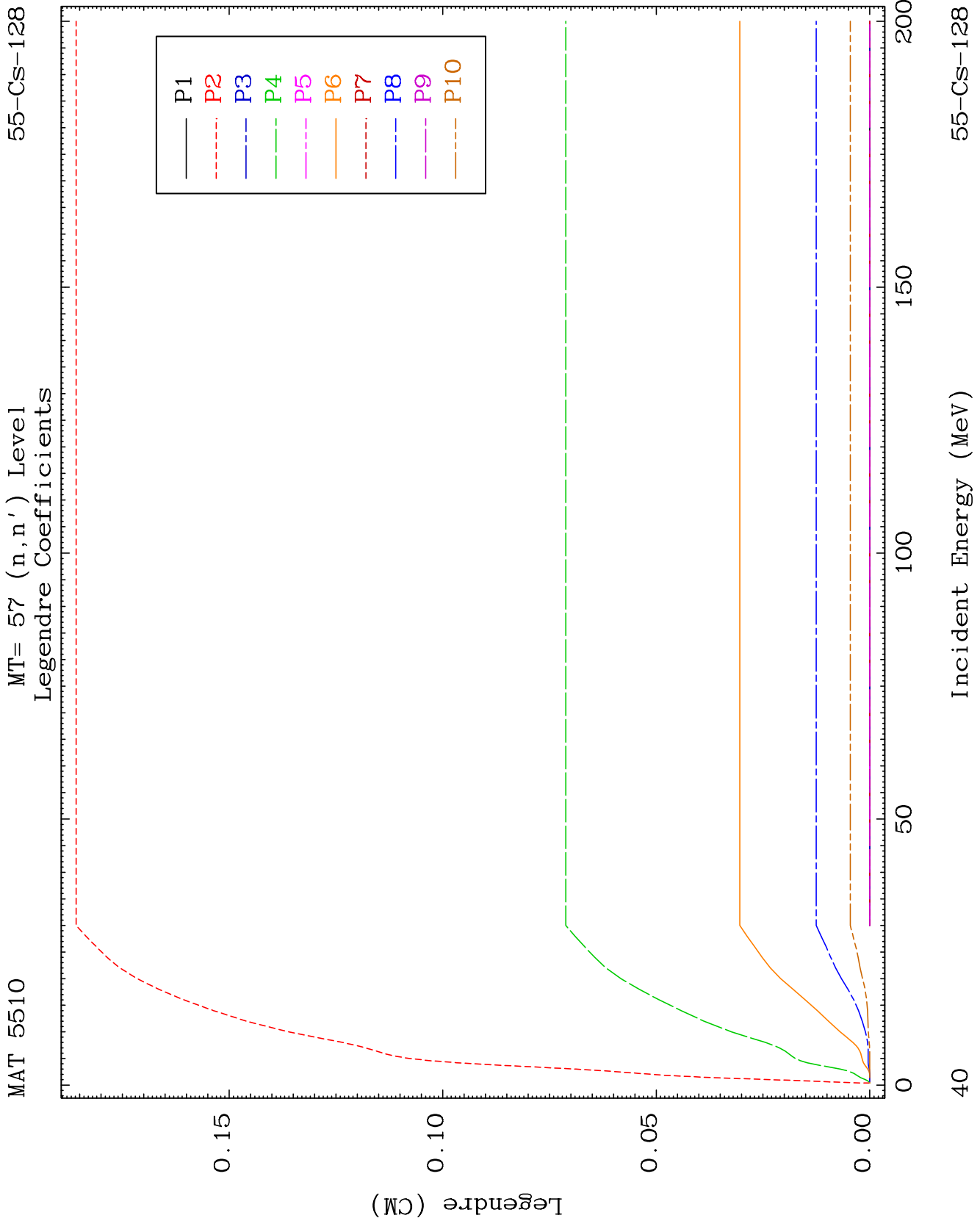


38

Incident Energy (MeV)

55-Cs-128

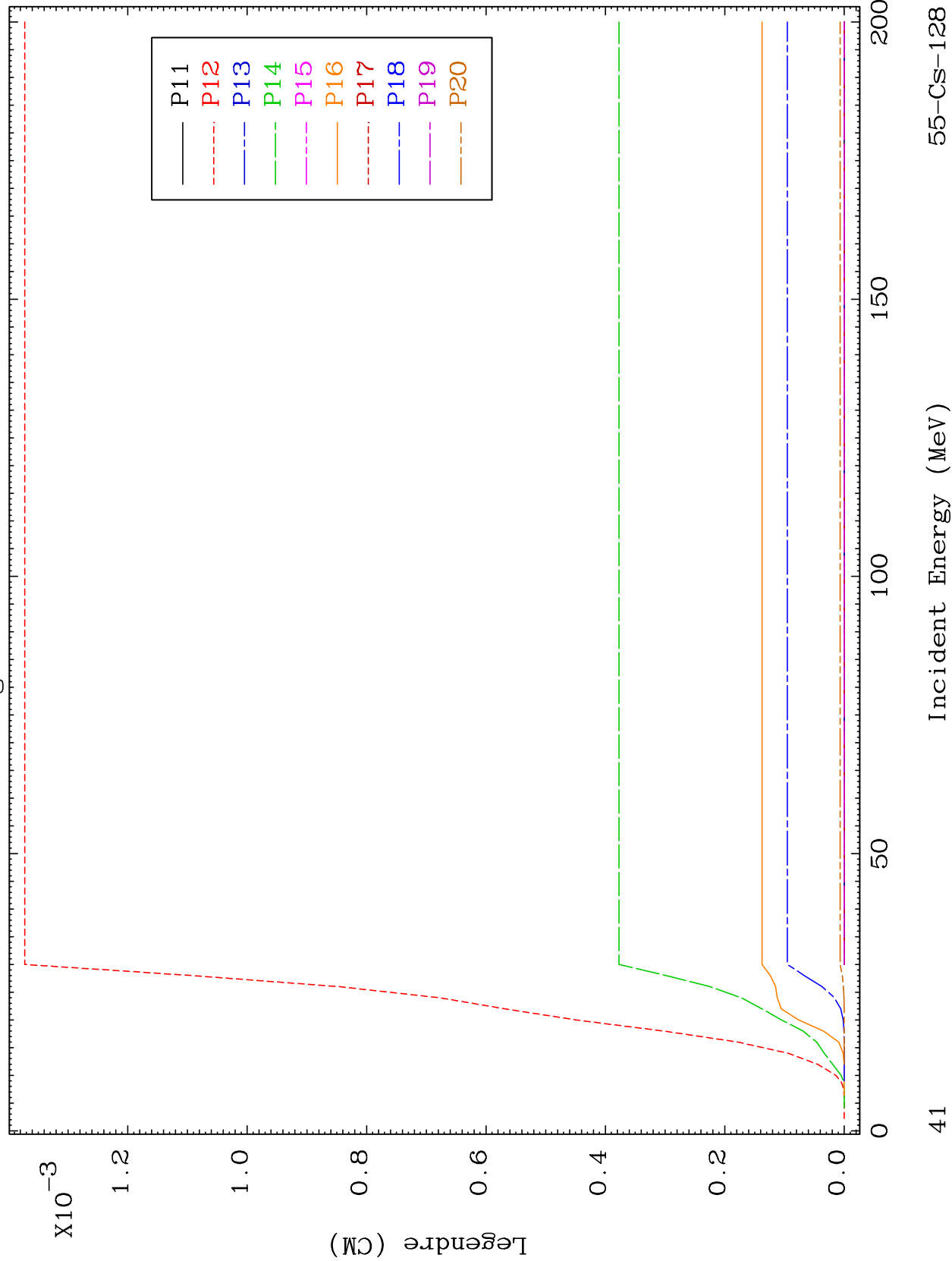


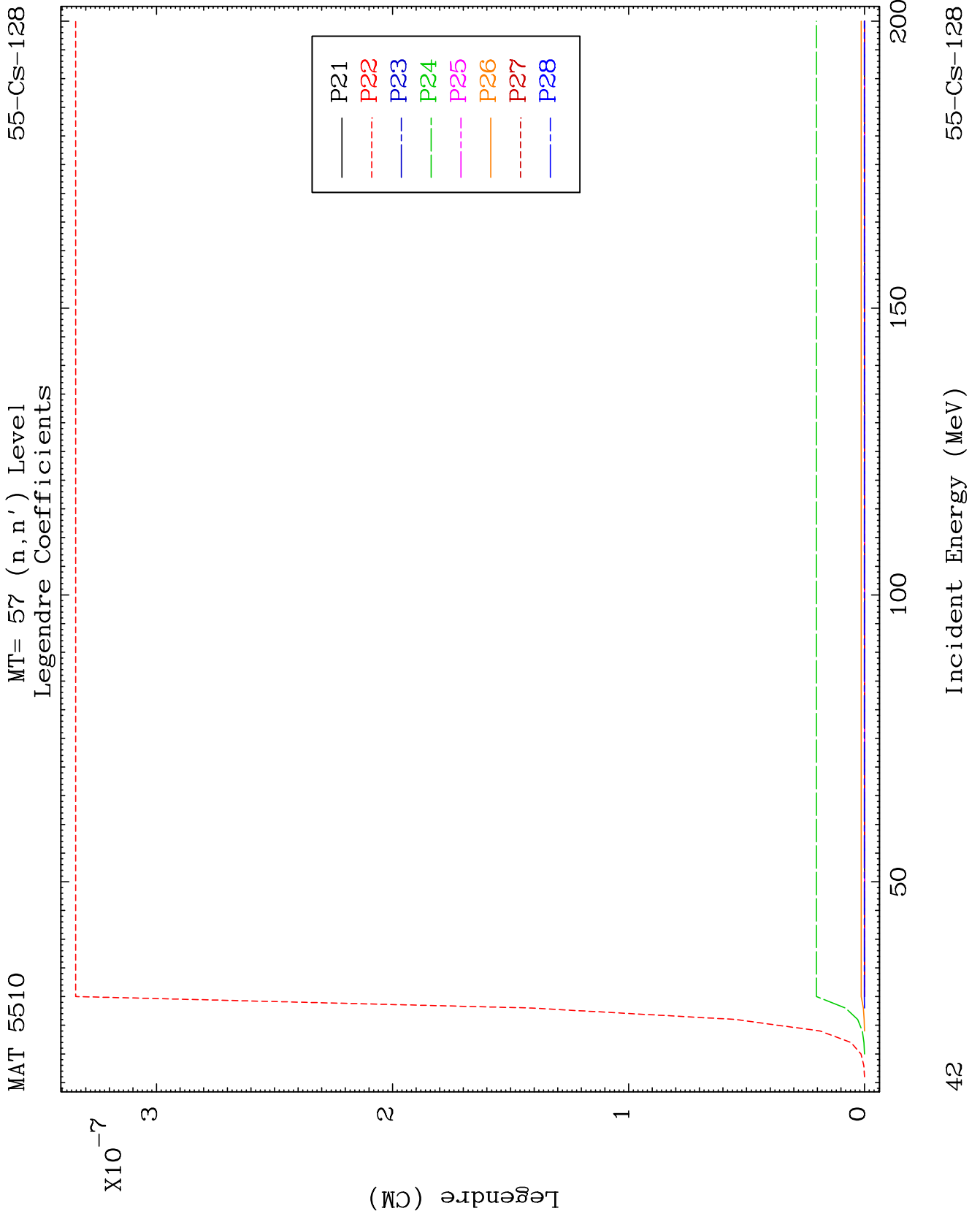


MAT 5510

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

55-Cs-128

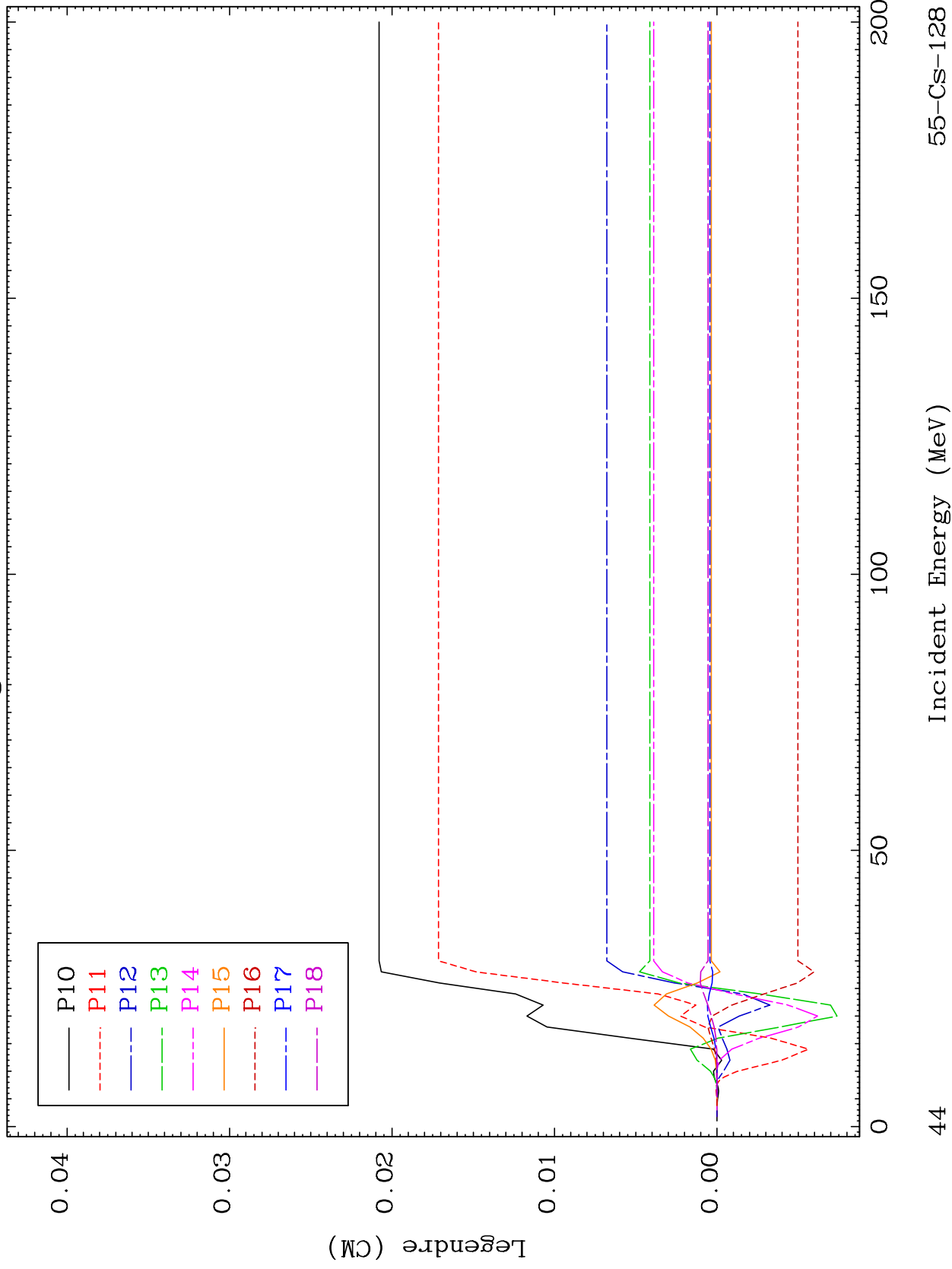


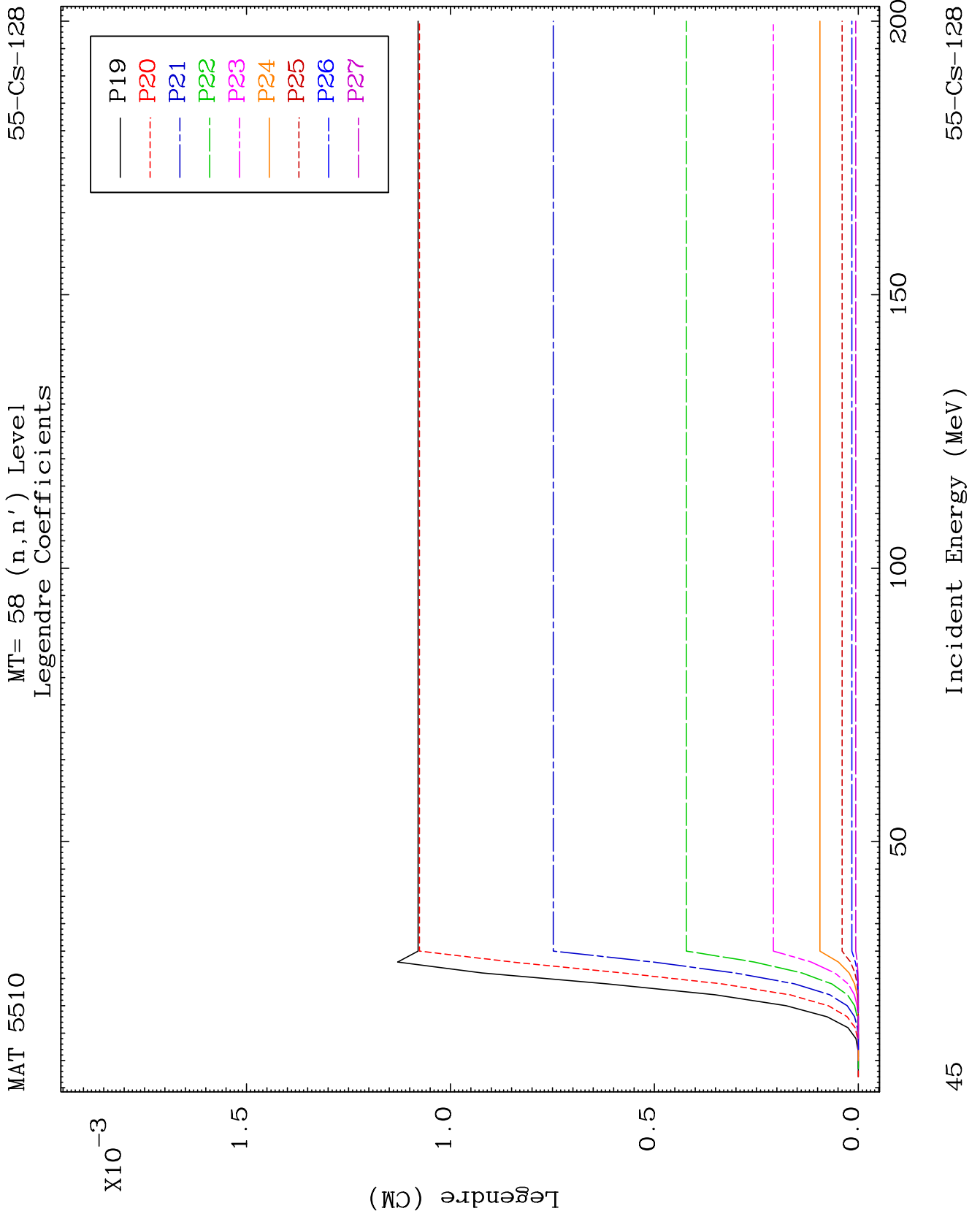


MAT 5510

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

55-Cs-128

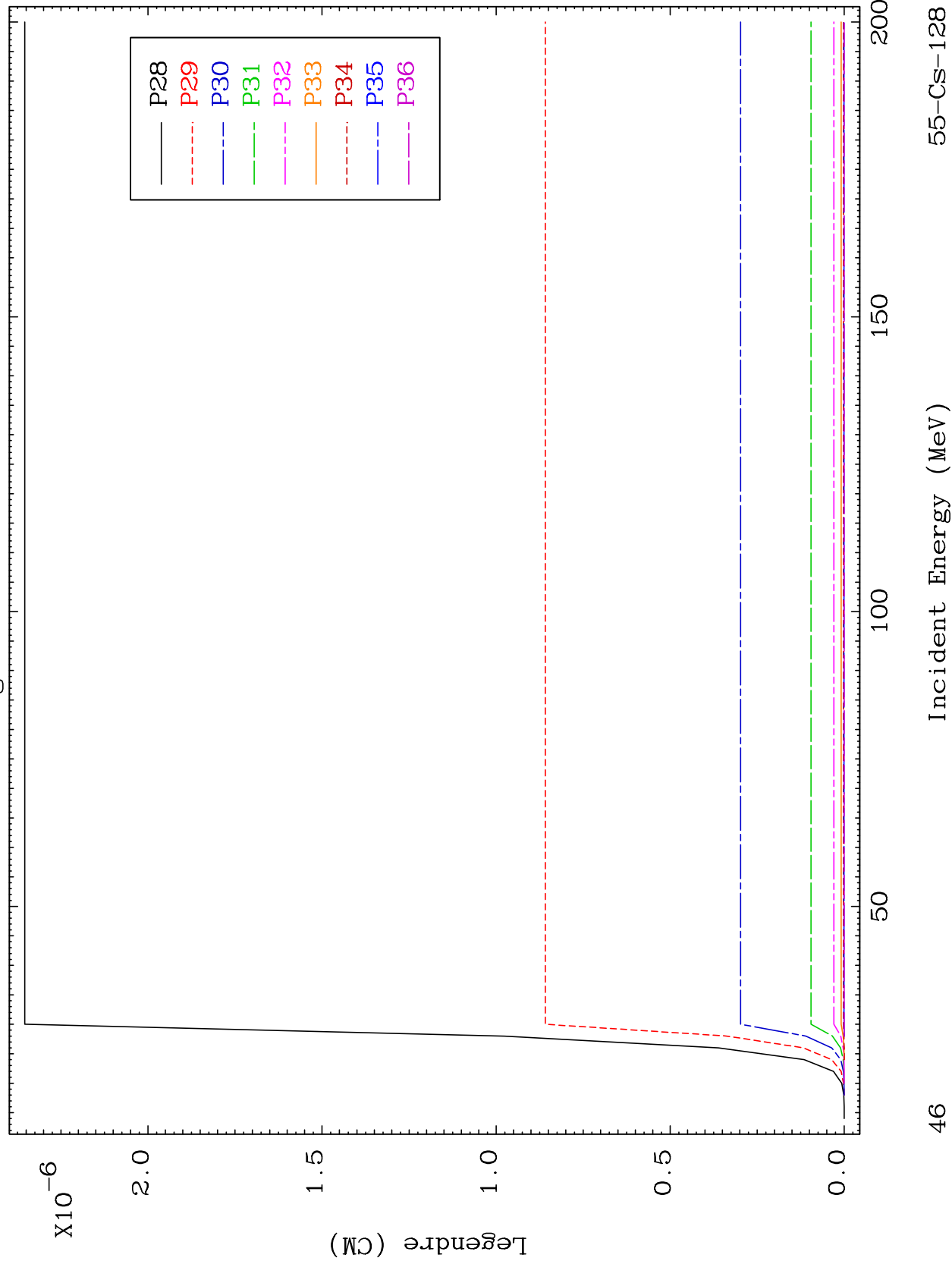




MAT 5510

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

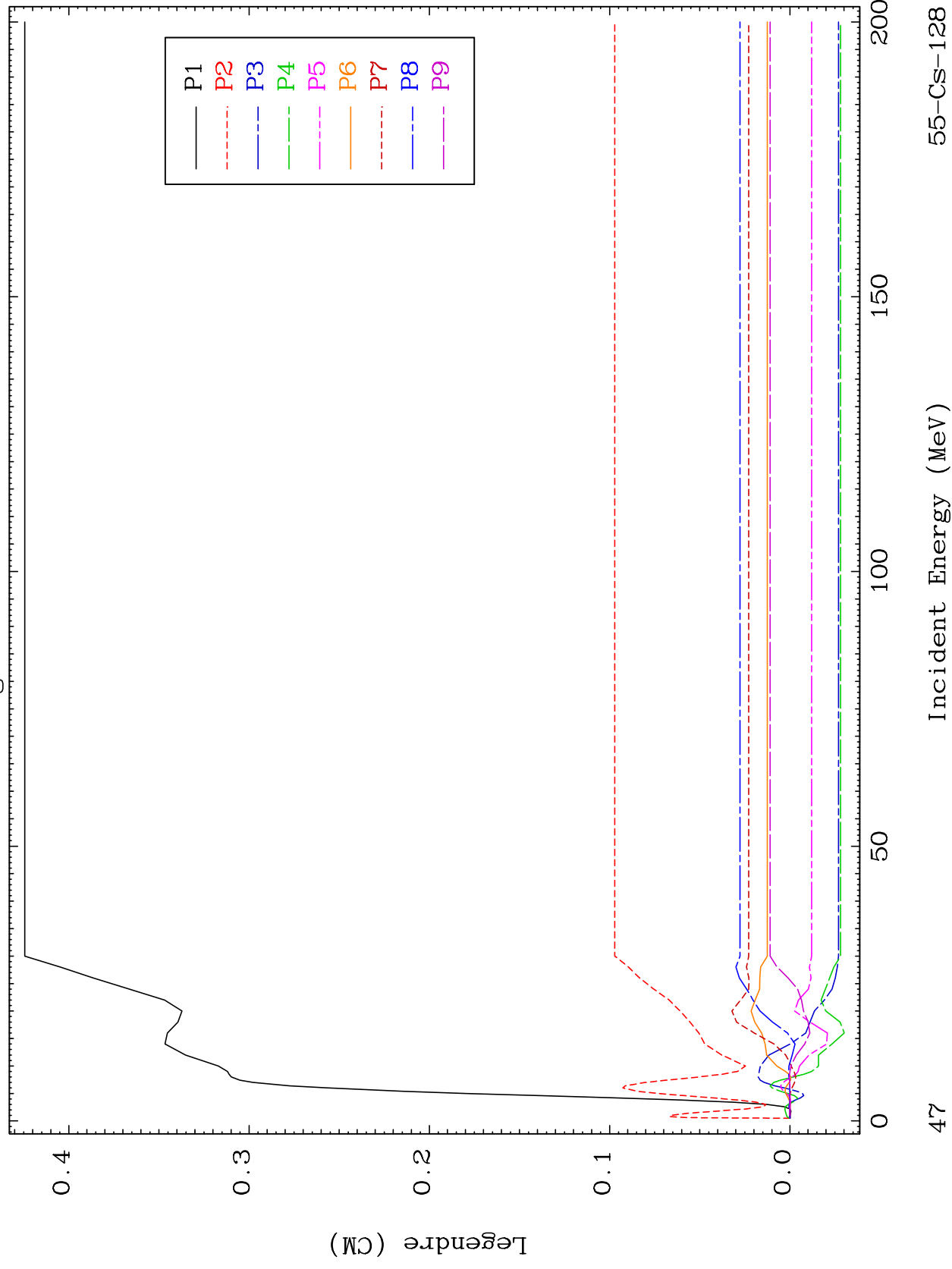
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MAT 5510

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

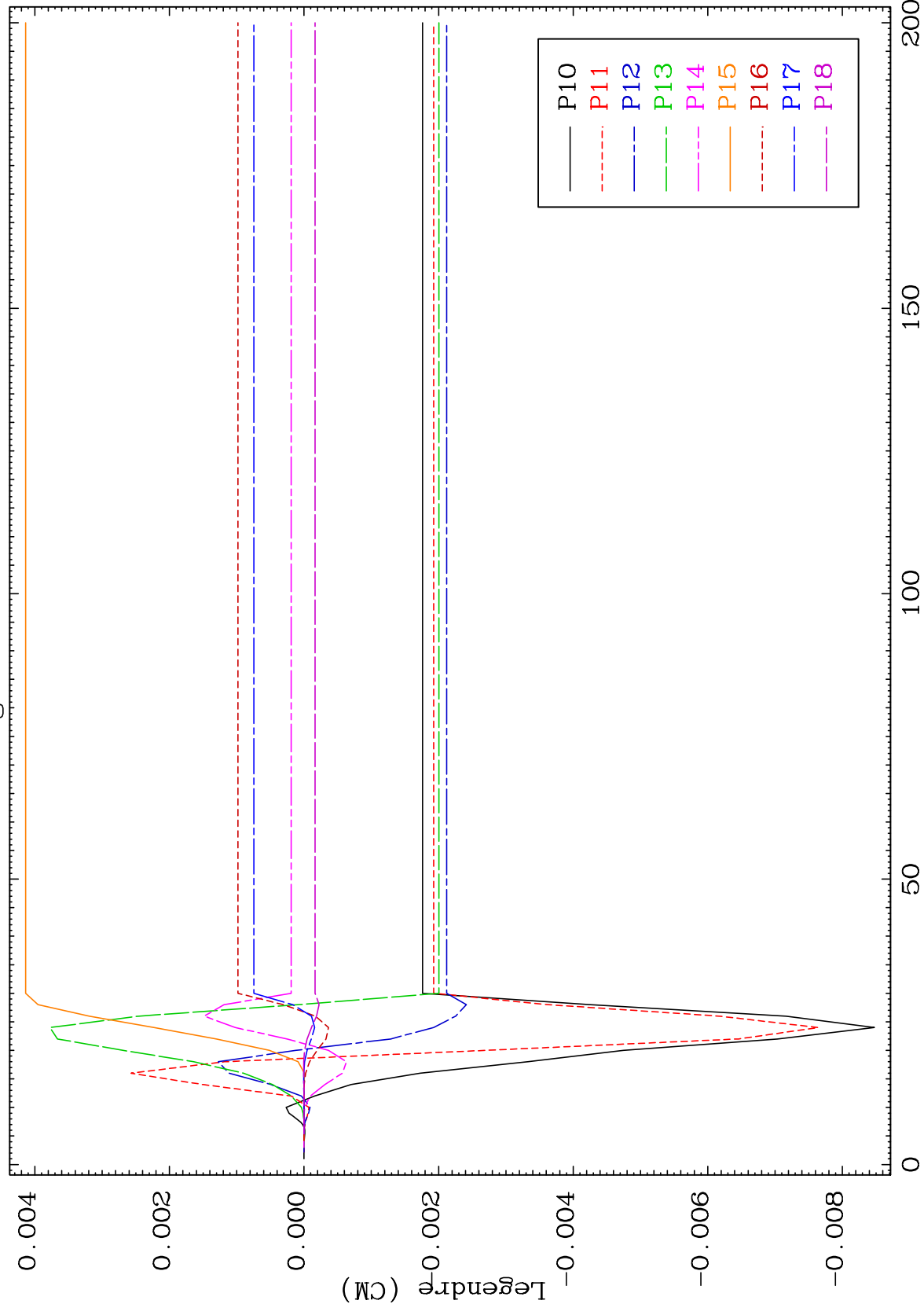
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MAT 5510

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

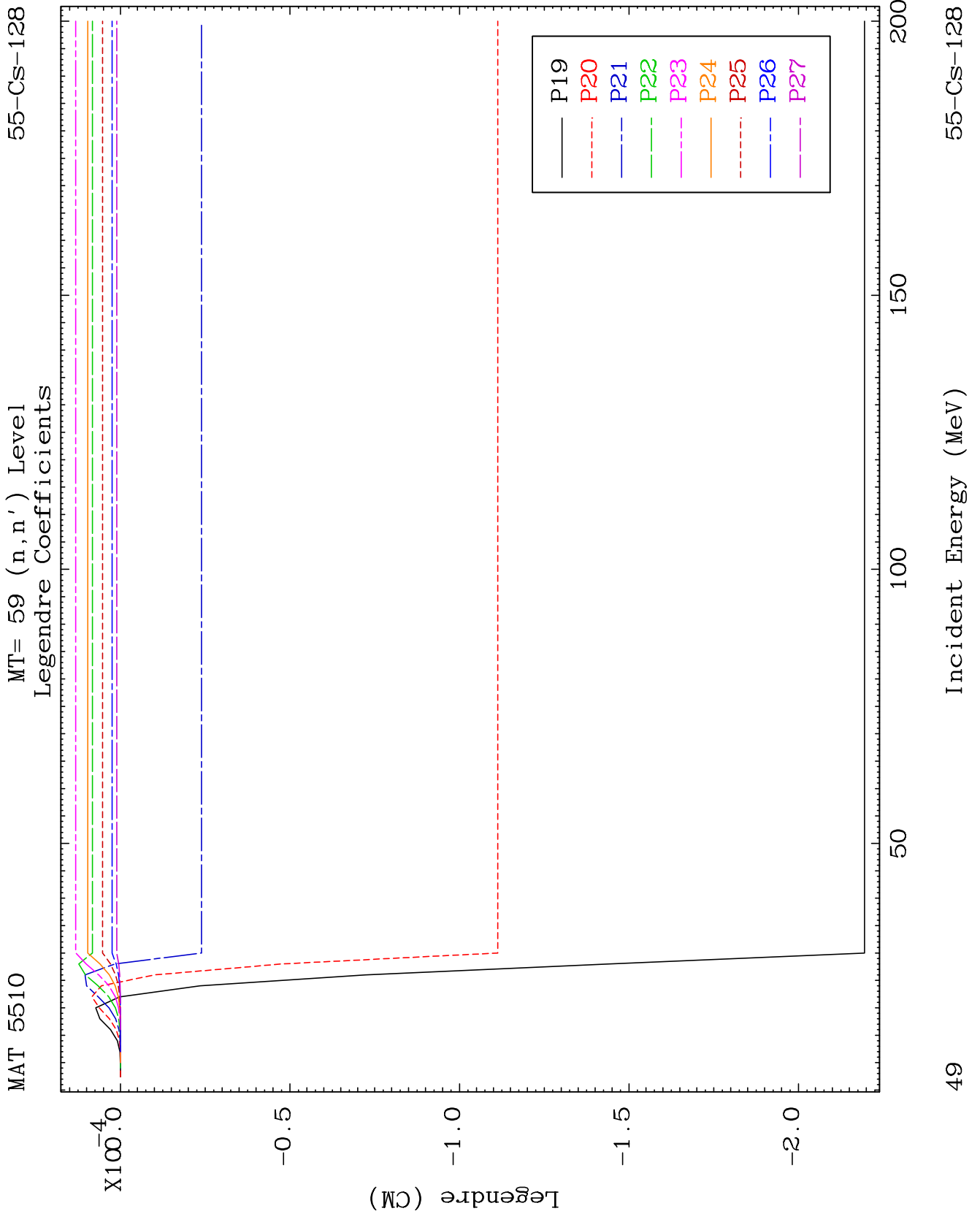
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48

Incident Energy (MeV)

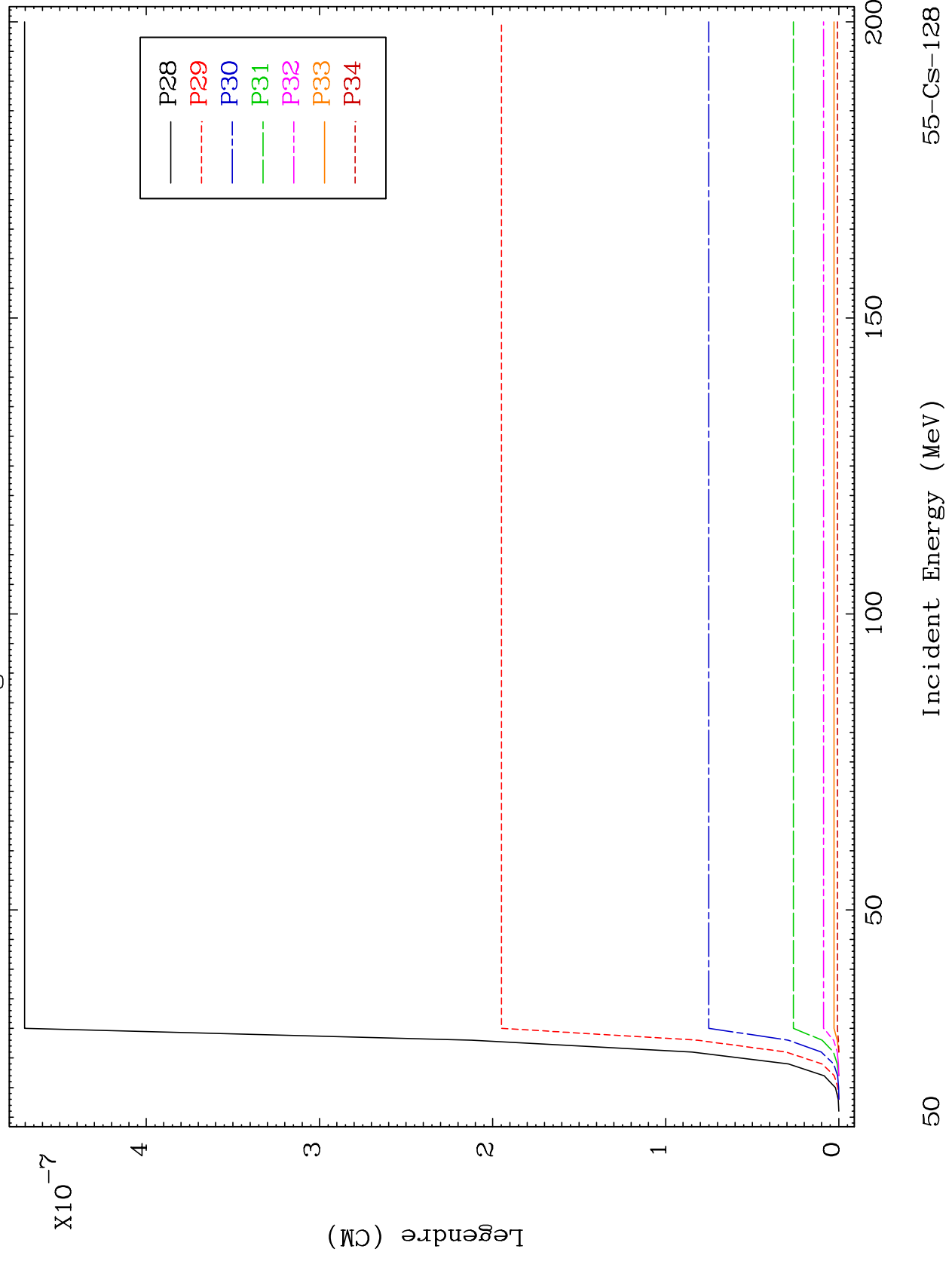
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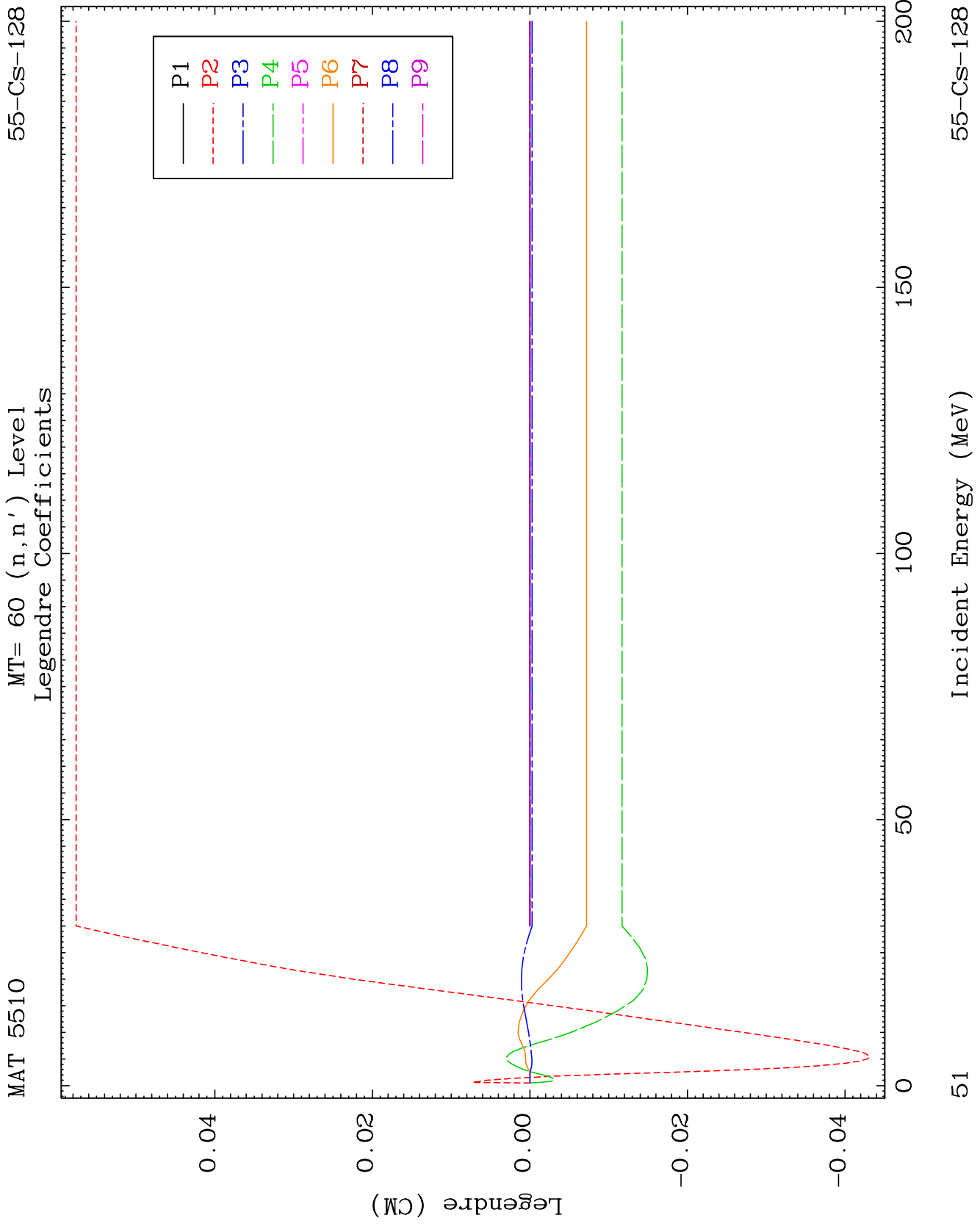


MAT 5510

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

55-Cs-128

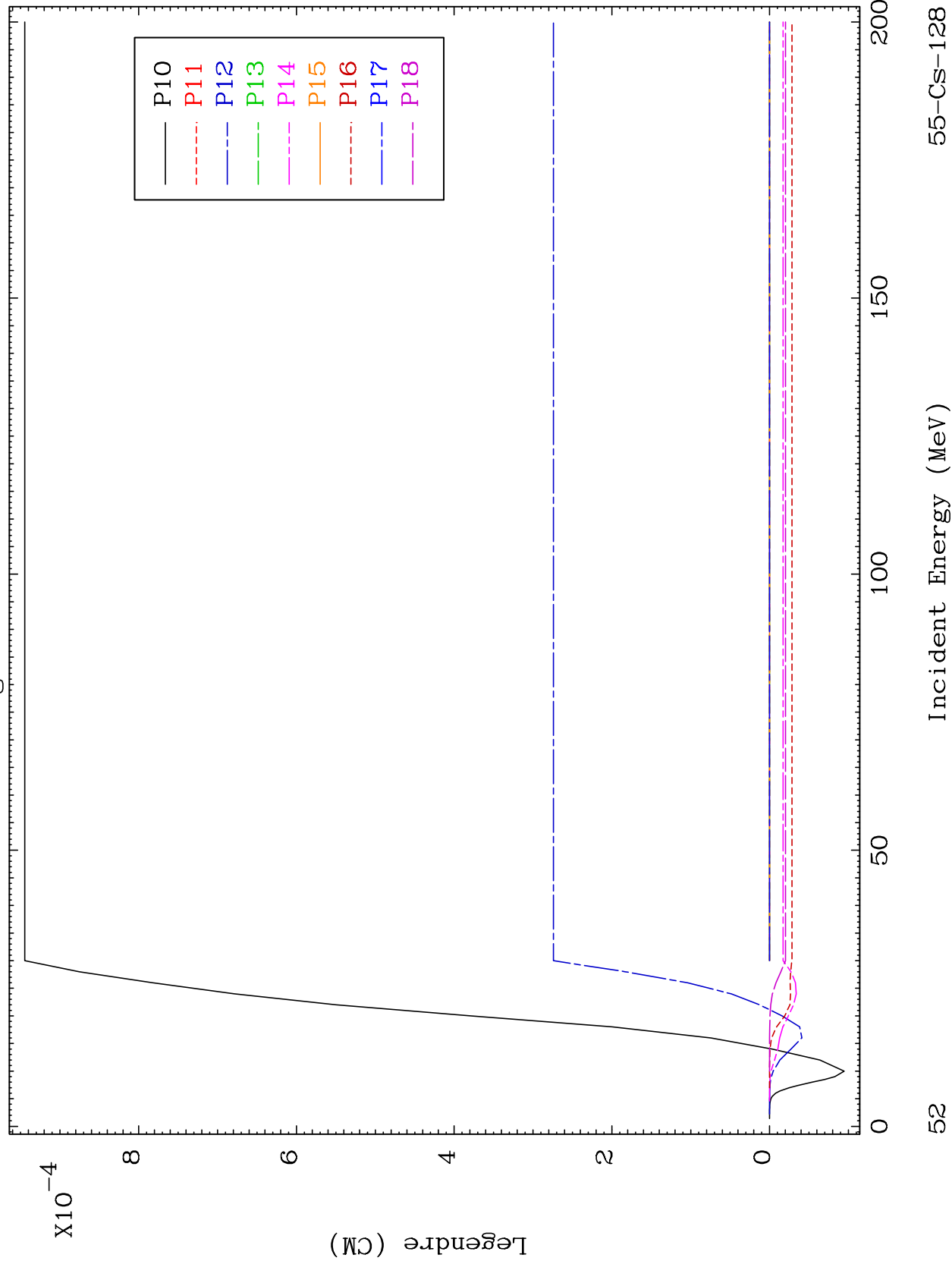




MAT 5510

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

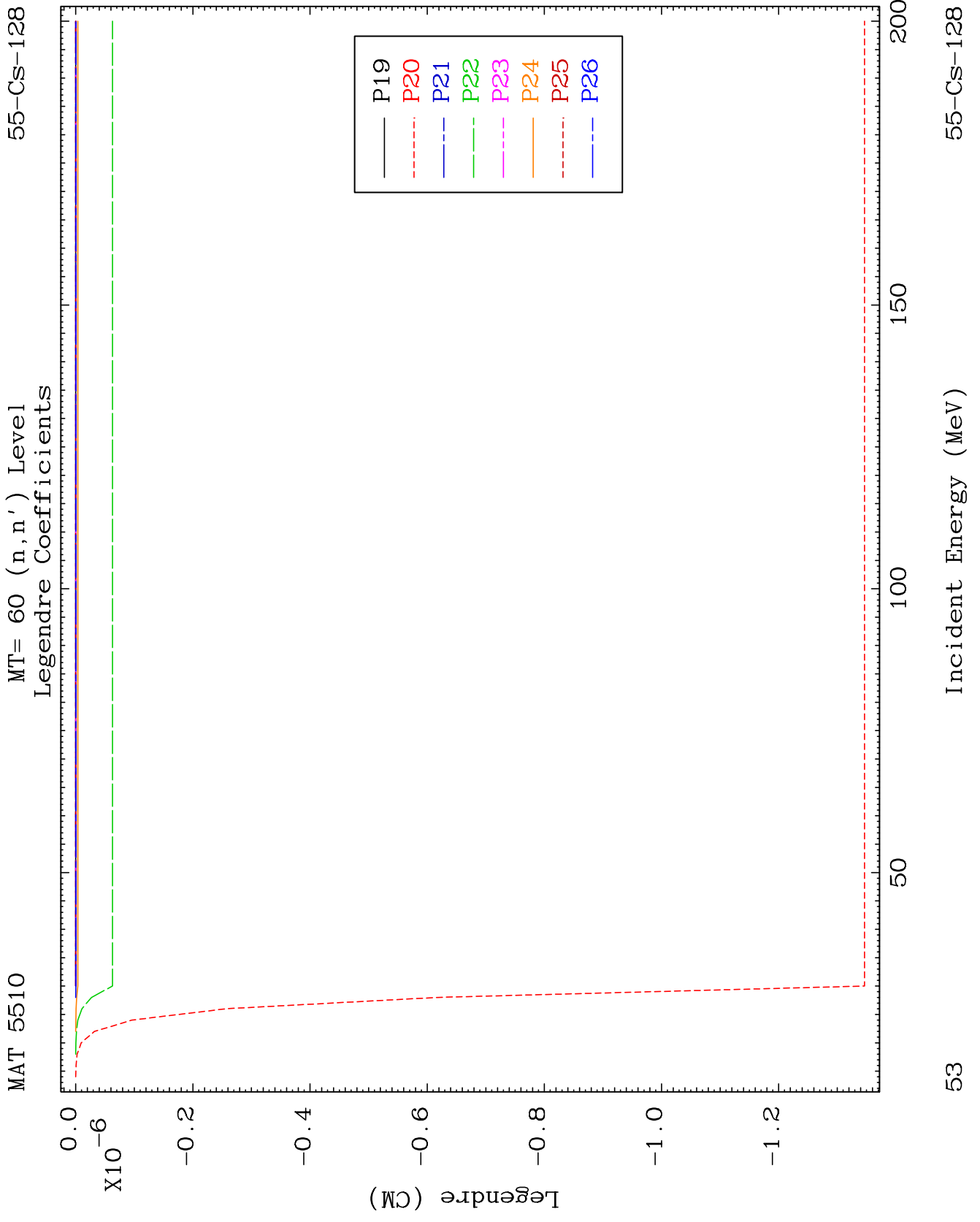
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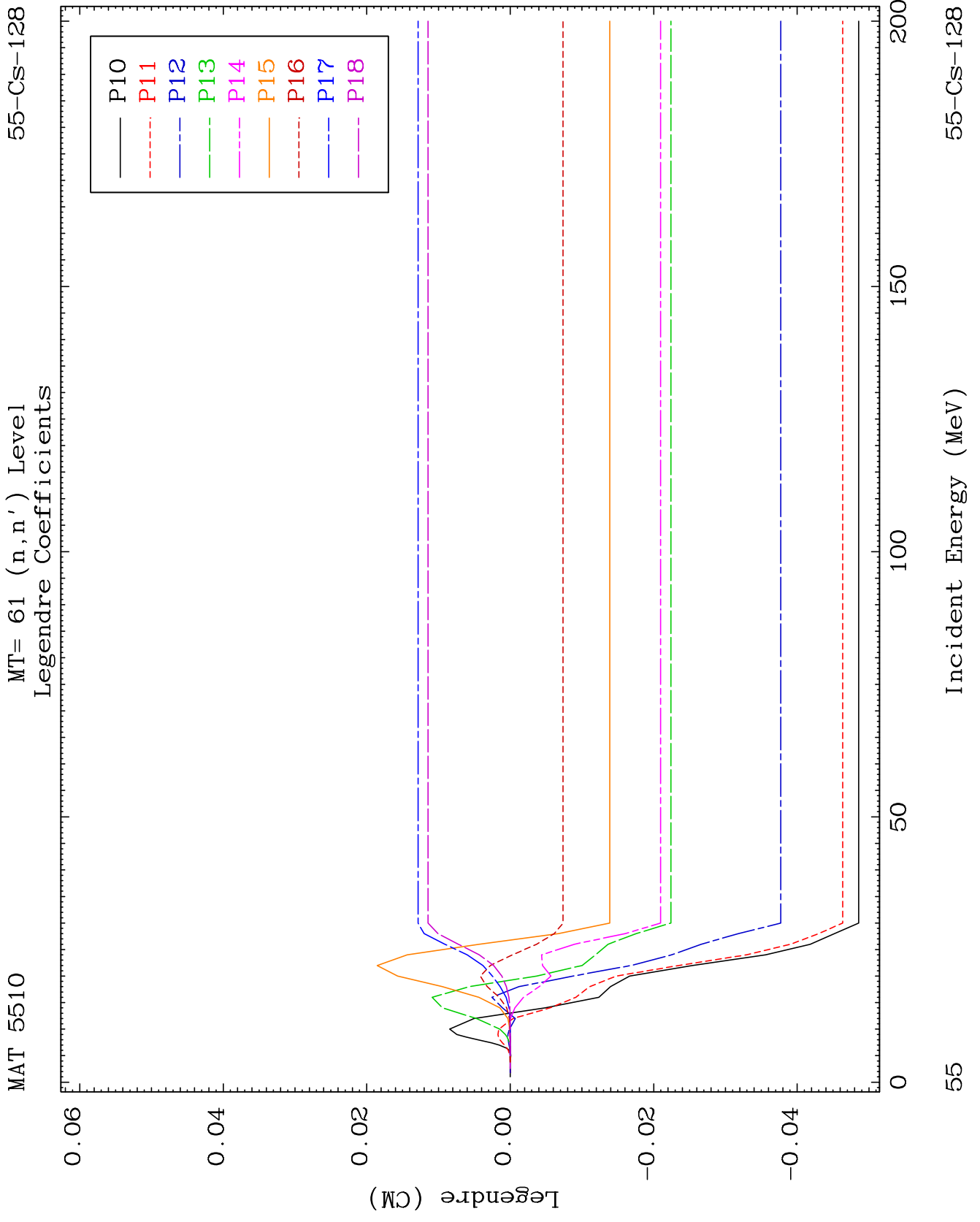


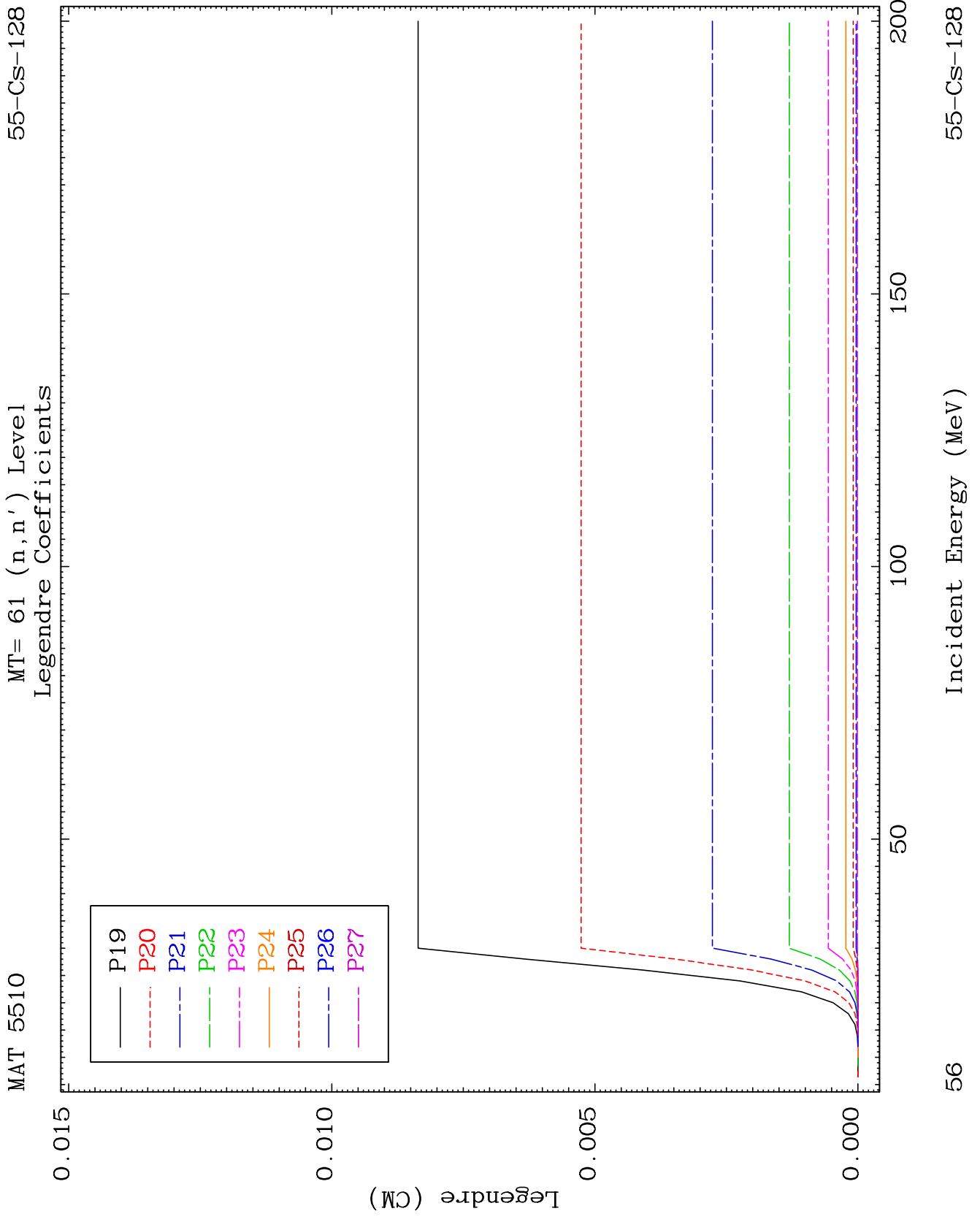
52

55-Cs-128

55-Cs-128



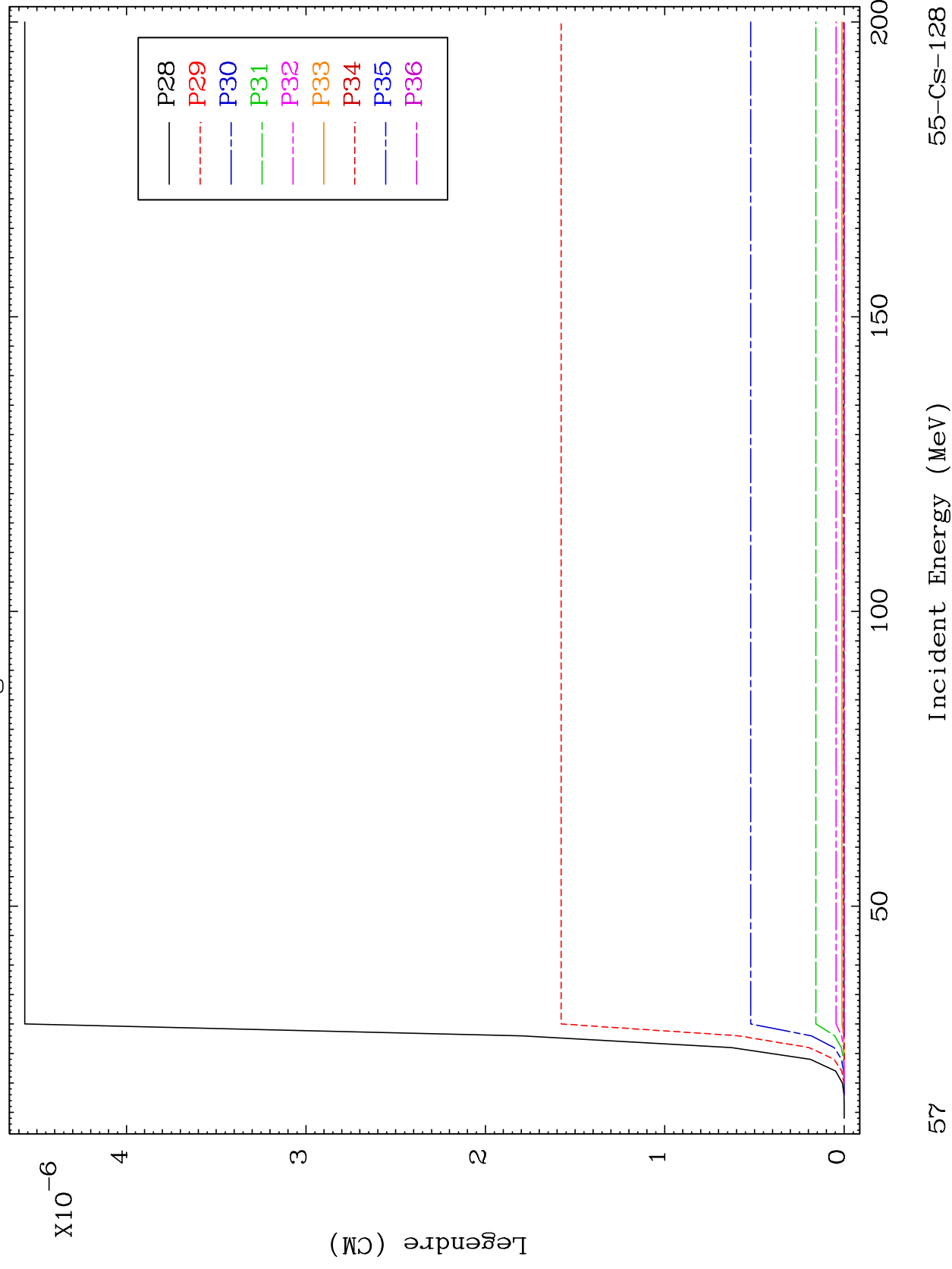


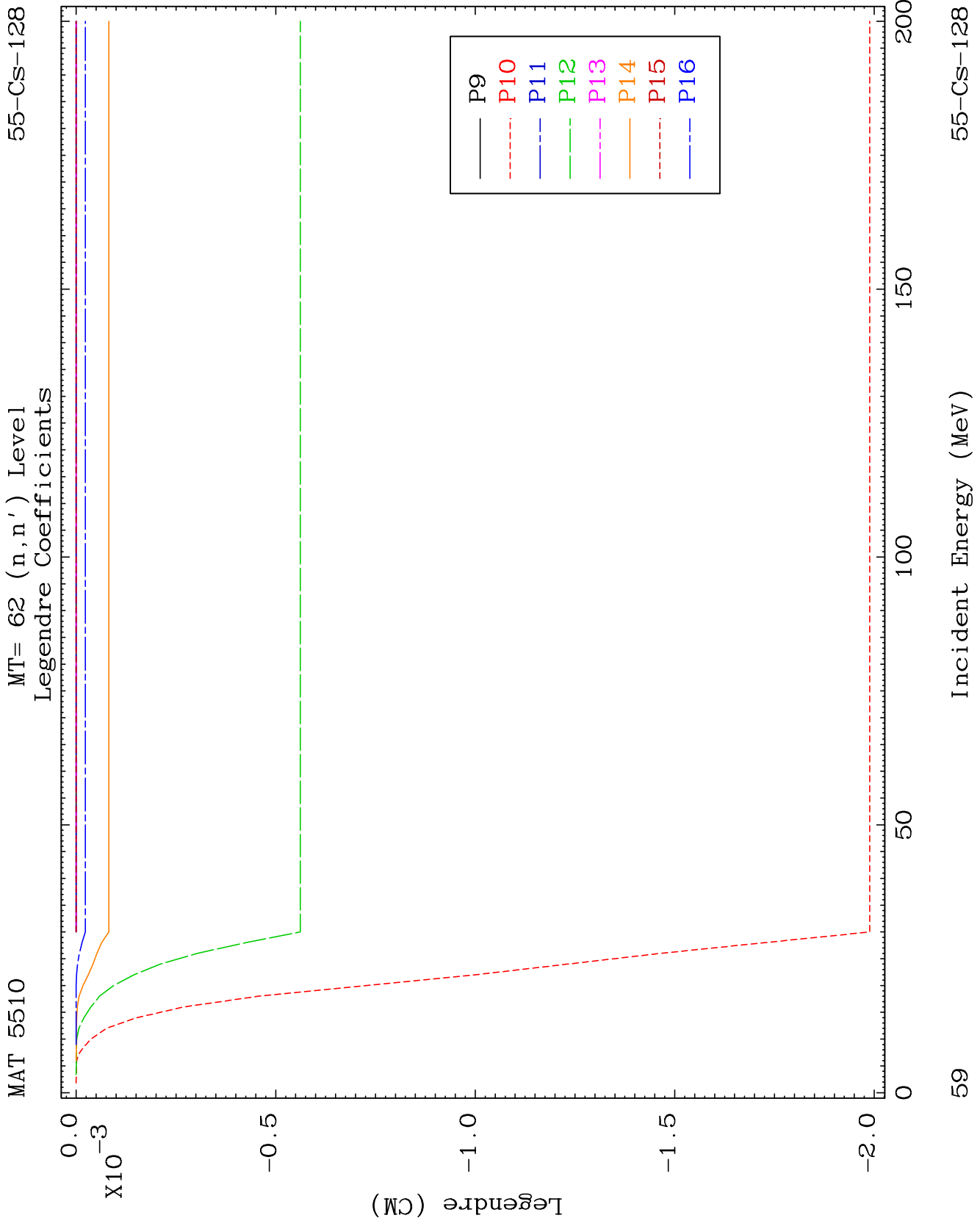


MAT 5510

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

55-Cs-128

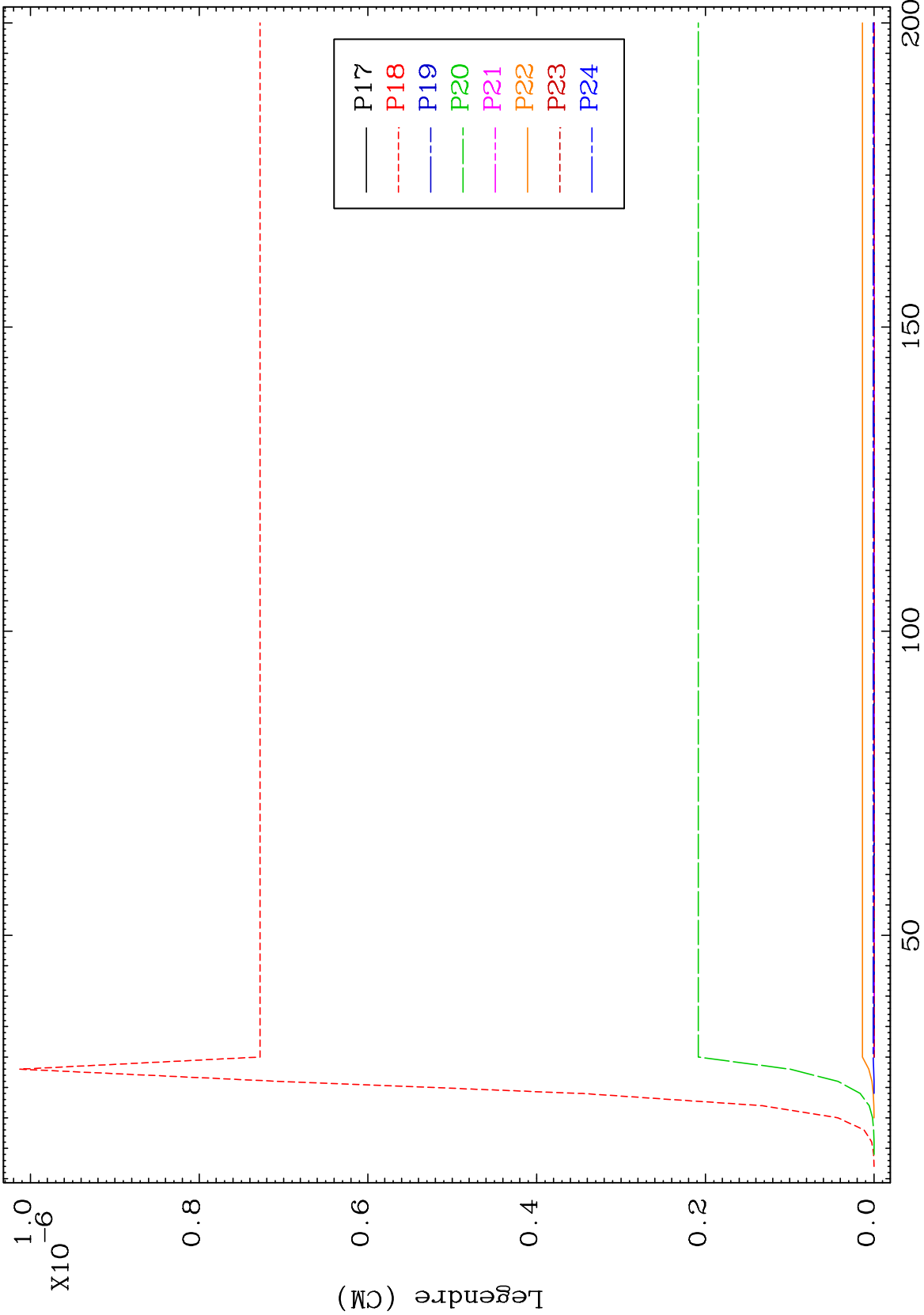




MAT 5510

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

55-Cs-128



55-Cs-128

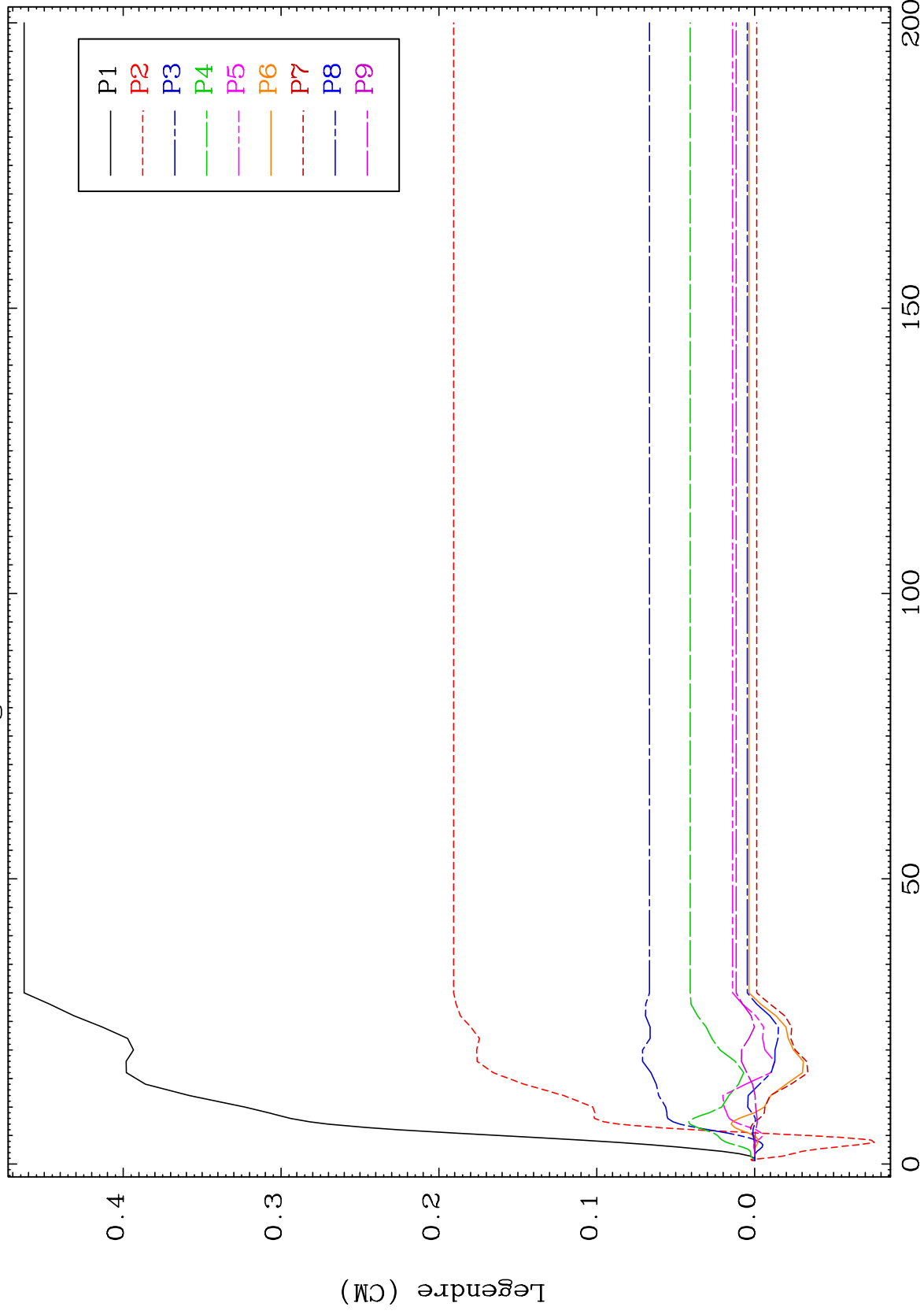
Incident Energy (MeV)

60

MAT 5510

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

55-Cs-128



61

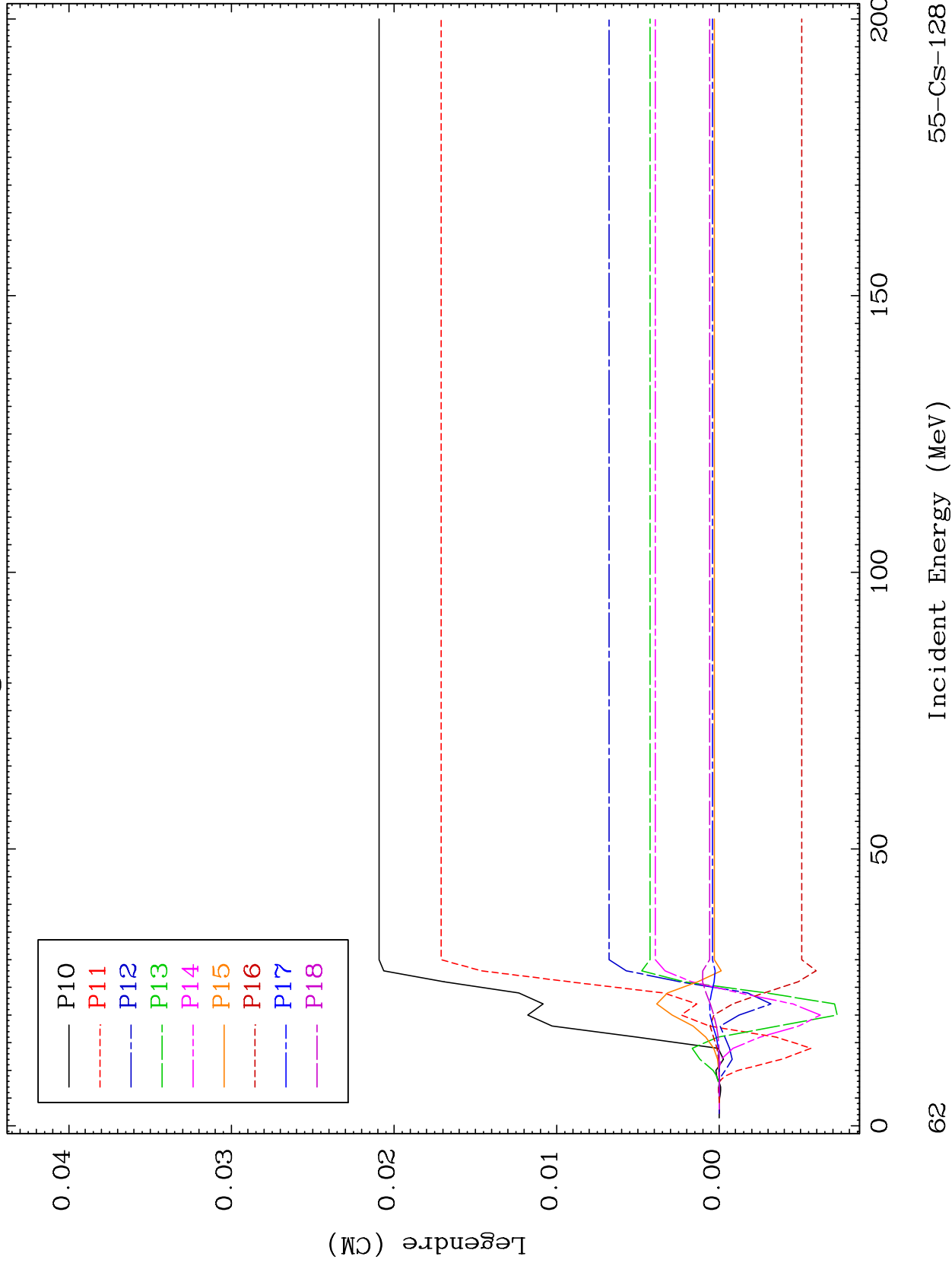
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

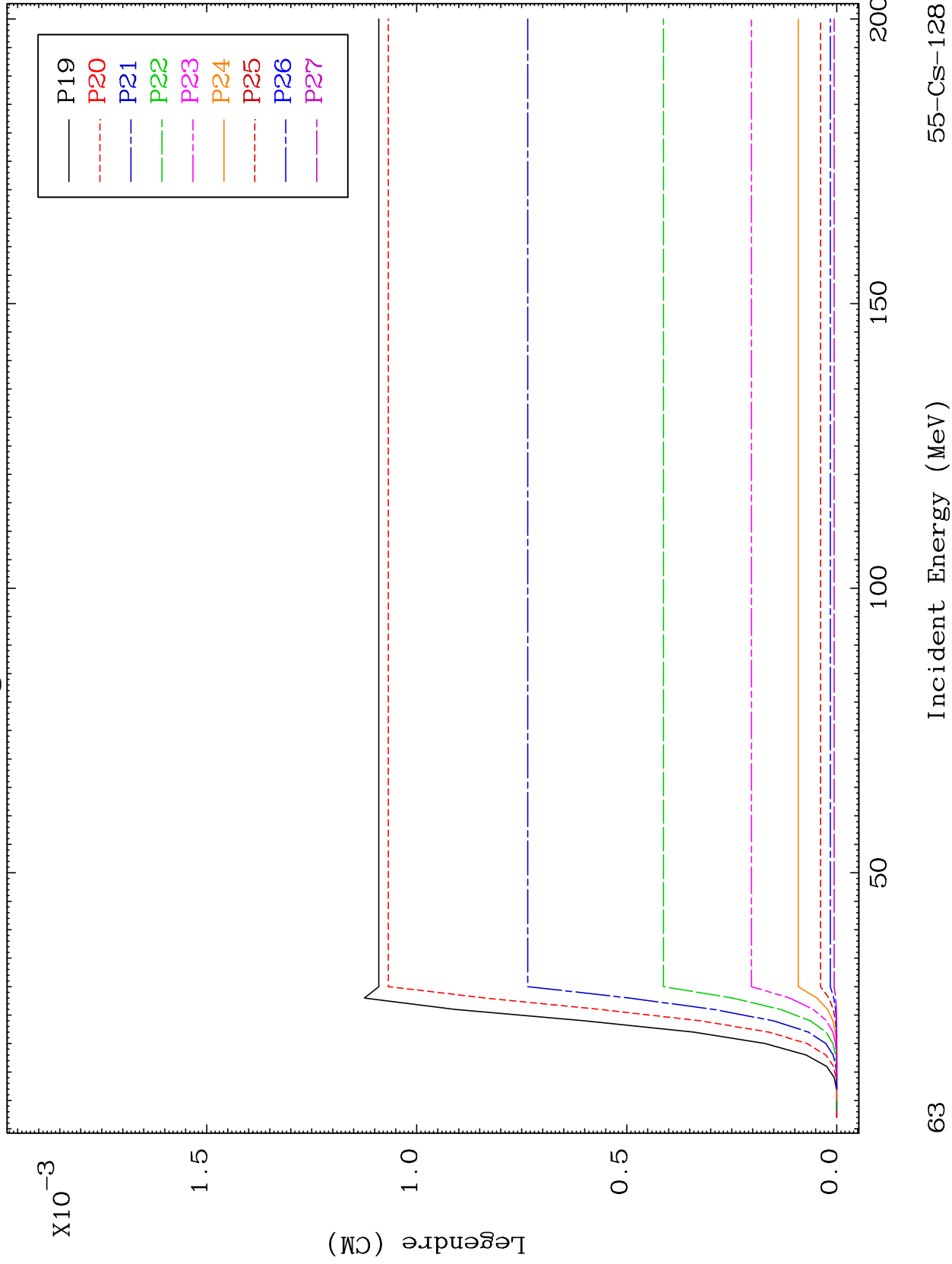
Incident Energy (MeV)

62

MAT 5510

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

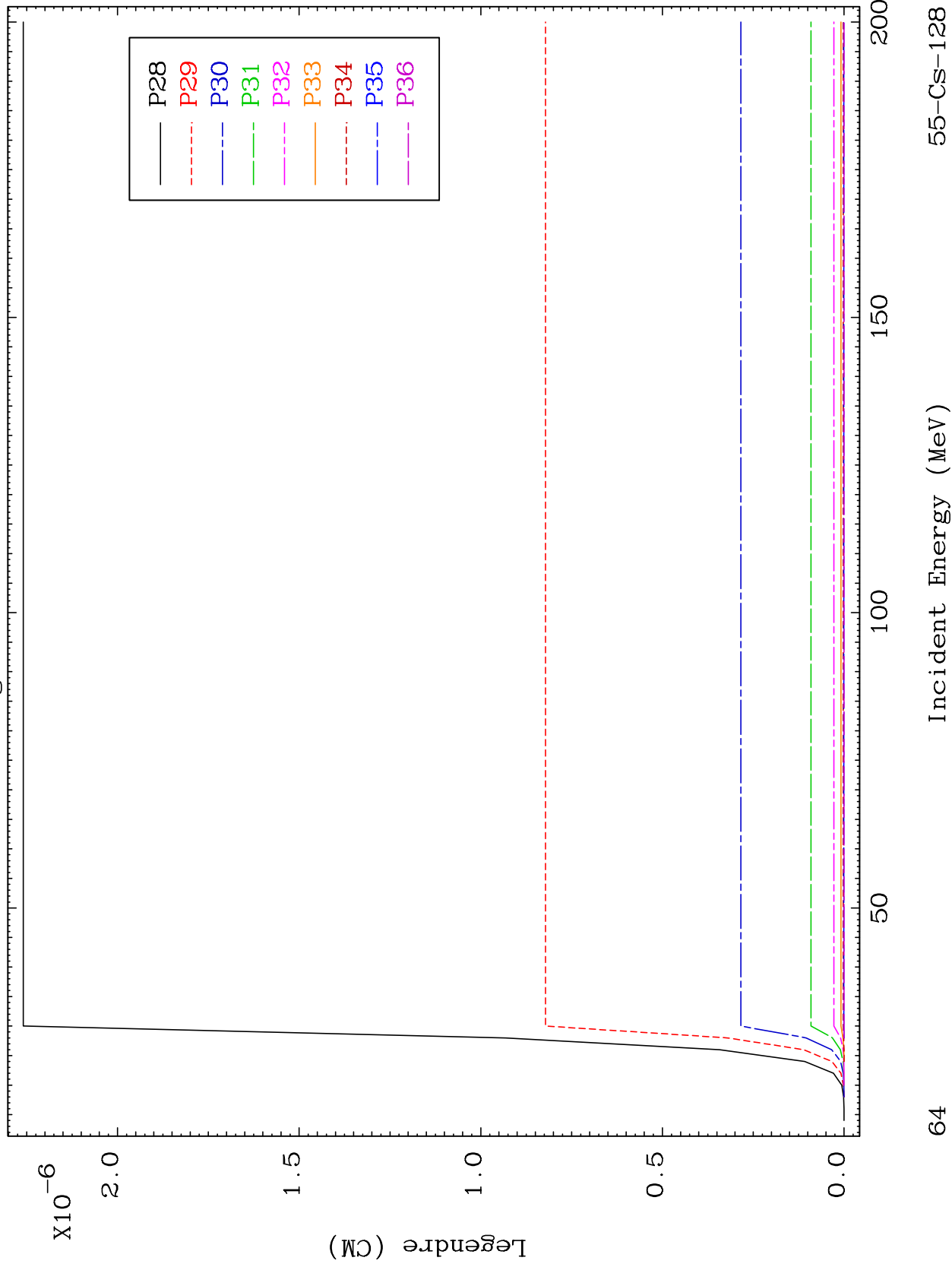
55-Cs-128



MAT 5510

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

55-Cs-128



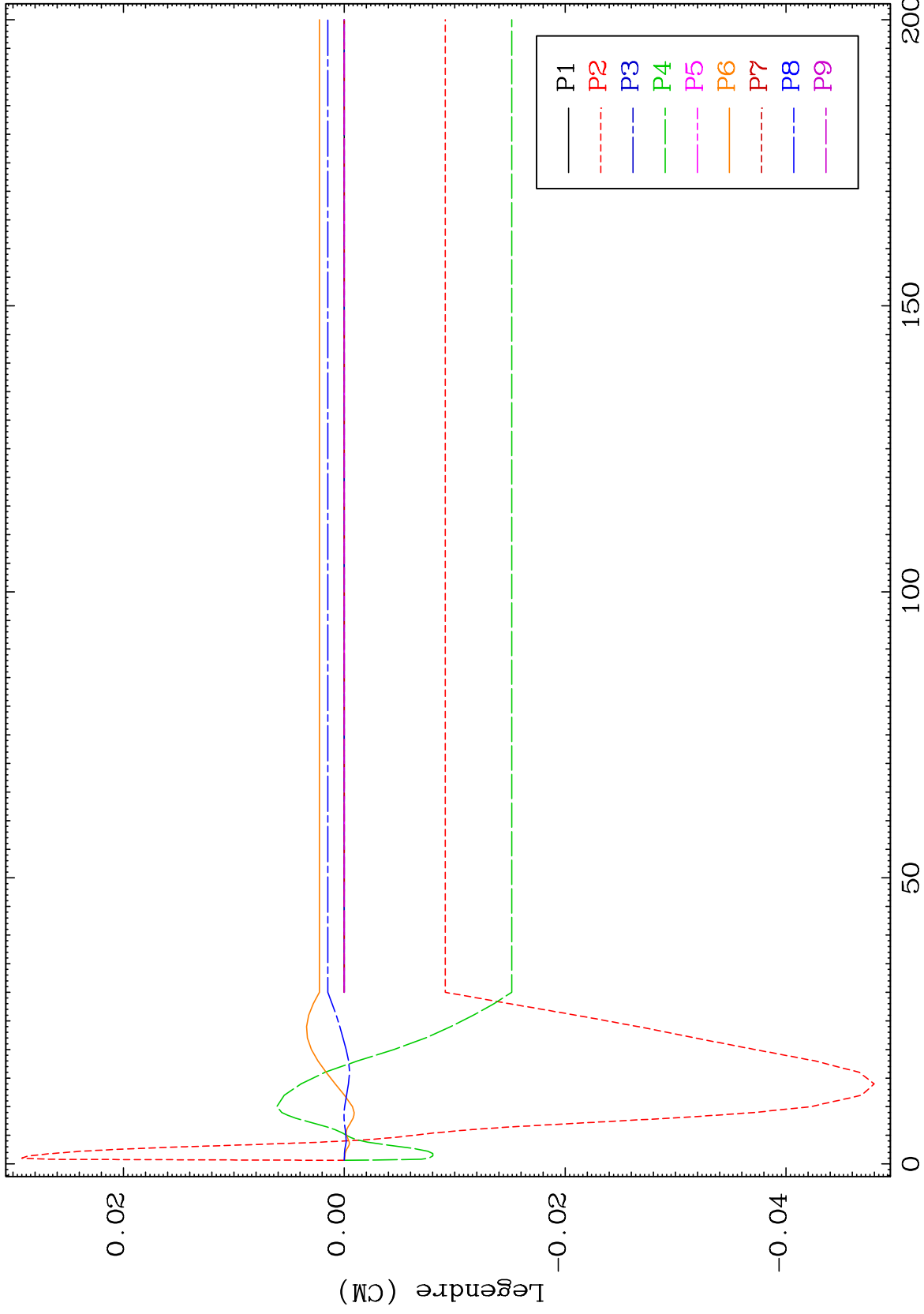
64

55-Cs-128

MAT 5510

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

55-Cs-128



55-Cs-128

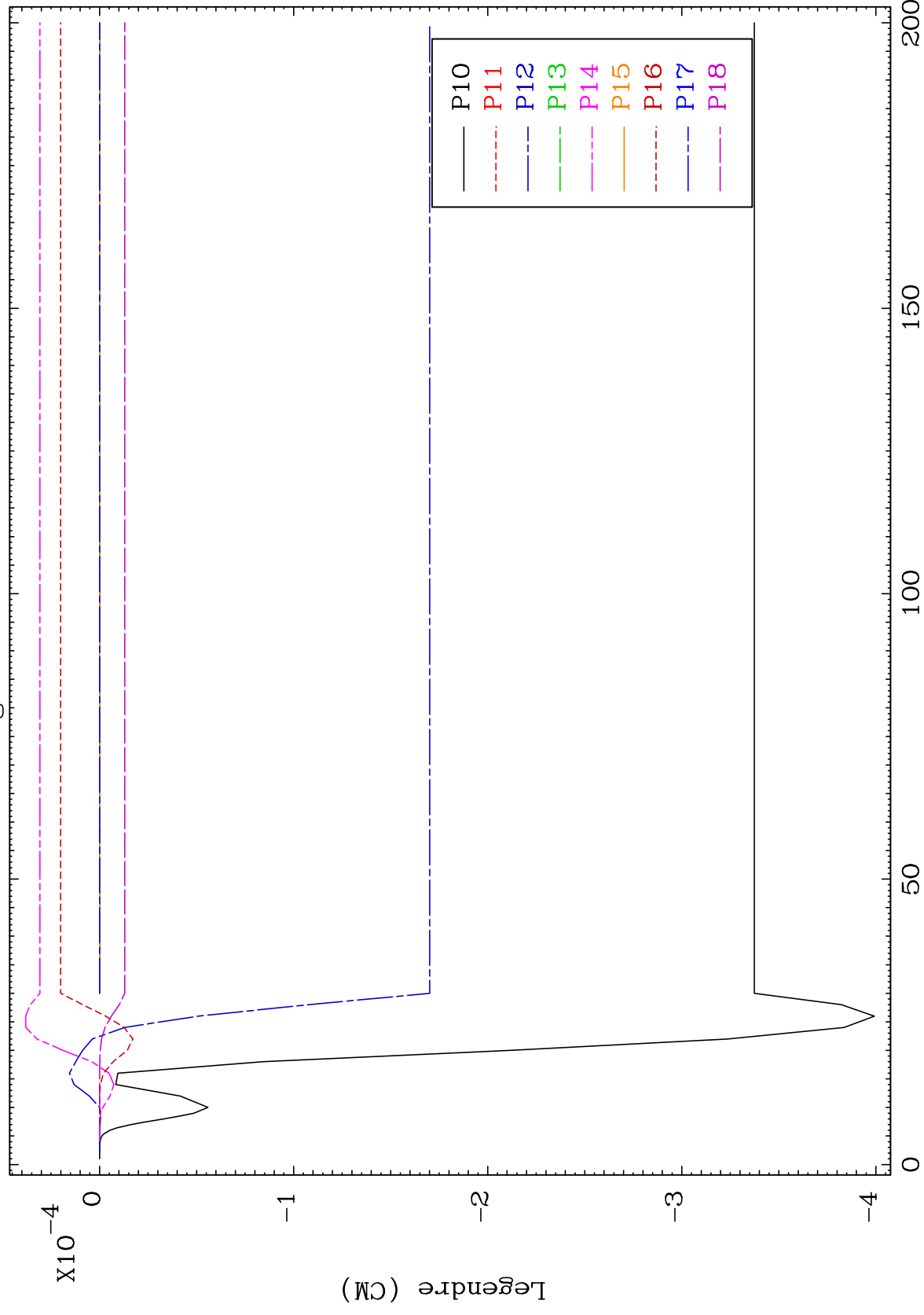
Incident Energy (MeV)

65

MAT 5510

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

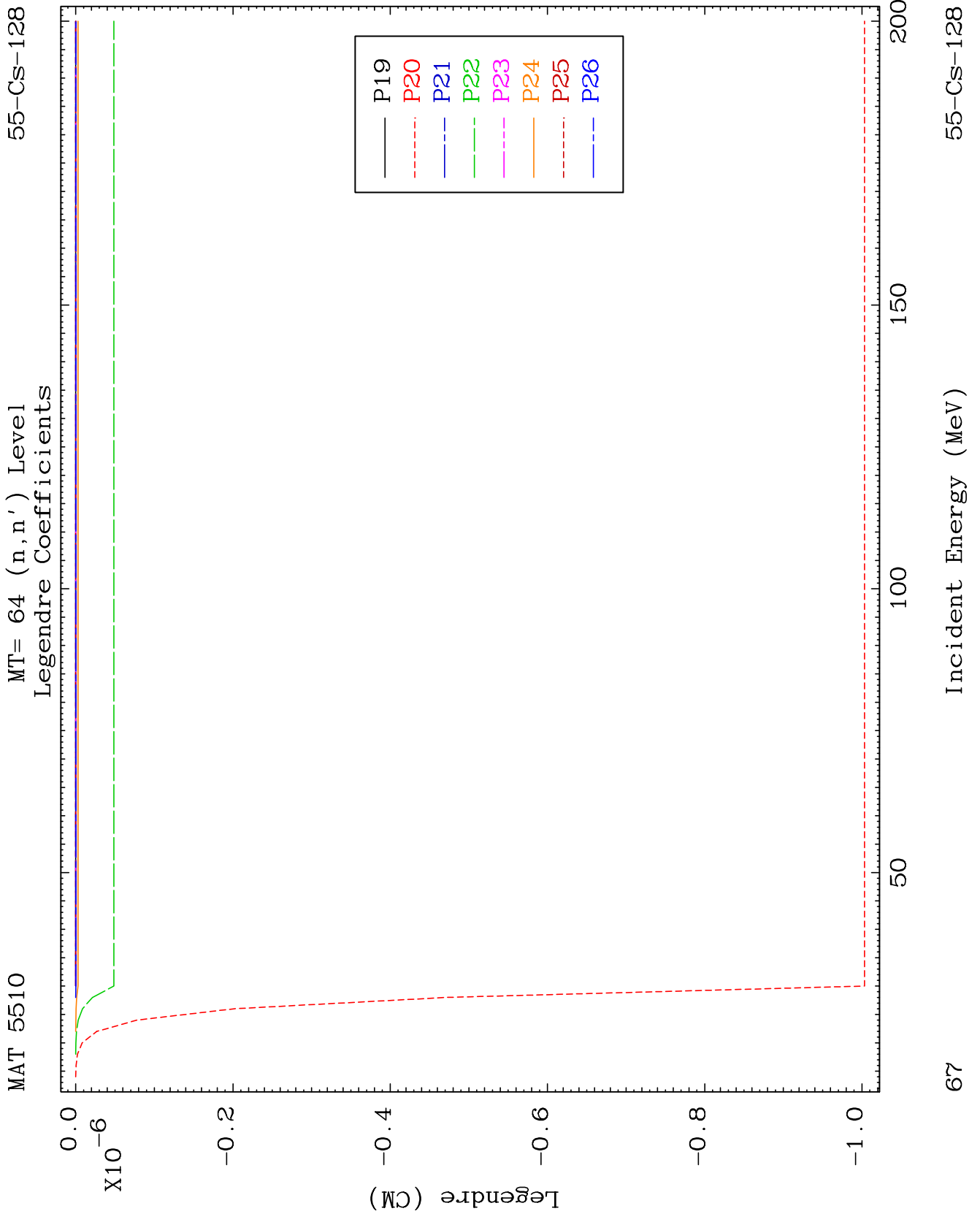
55-Cs-128



66

Incident Energy (MeV)

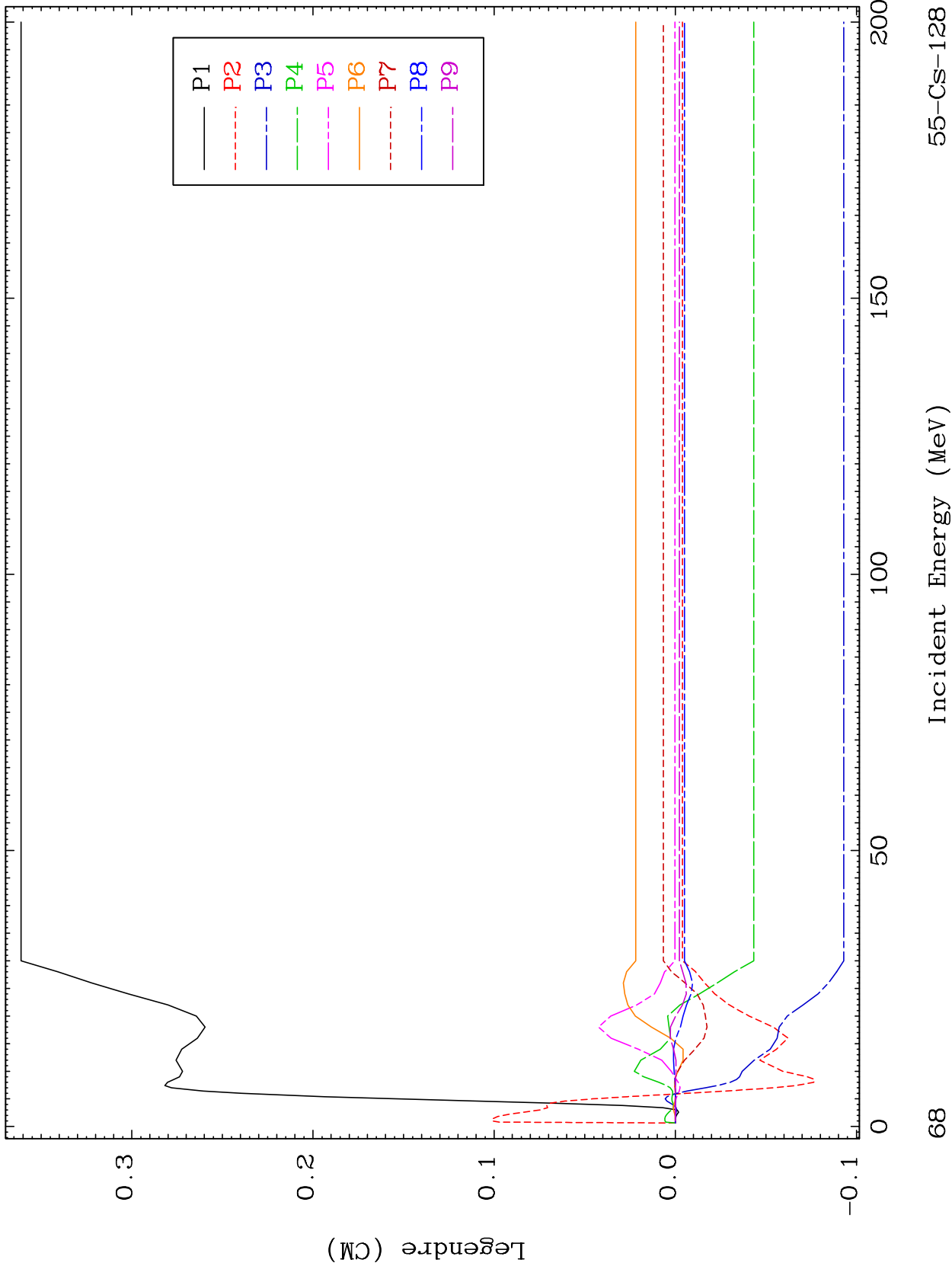
55-Cs-128



MAT 5510

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

55-Cs-128



55-Cs-128

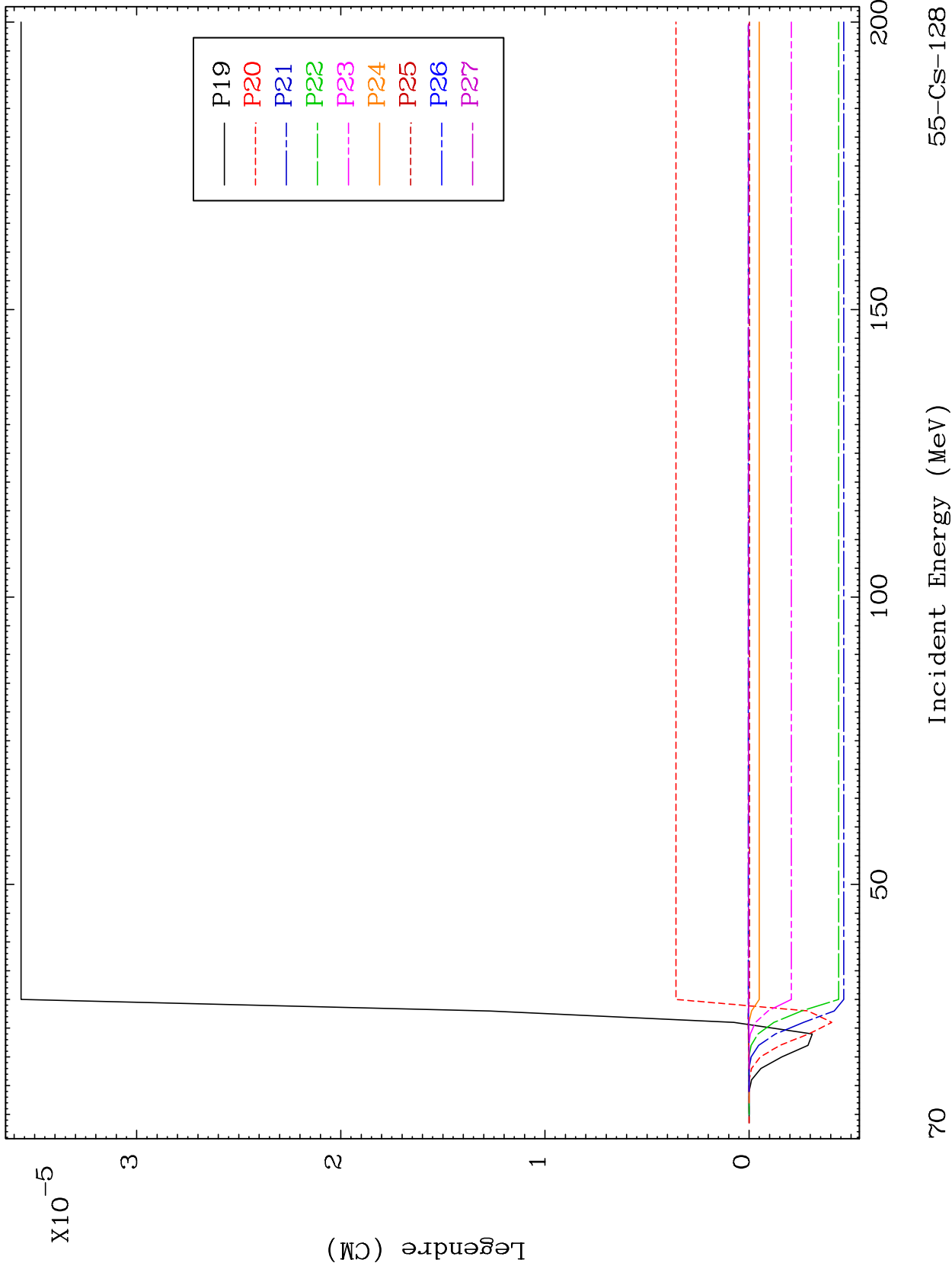
Incident Energy (MeV)

68

MAT 5510

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

55-Cs-128



70

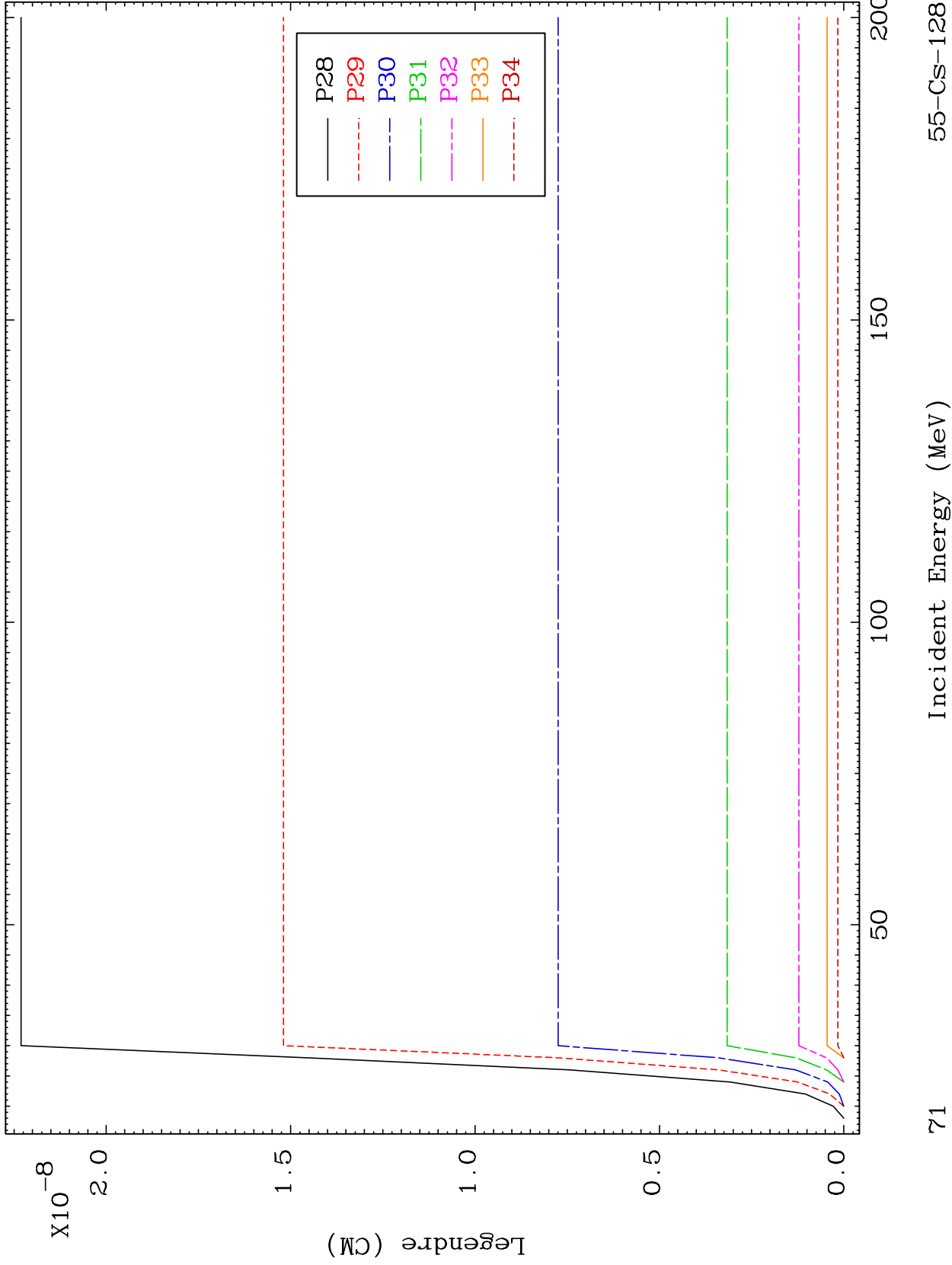
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

55-Cs-128



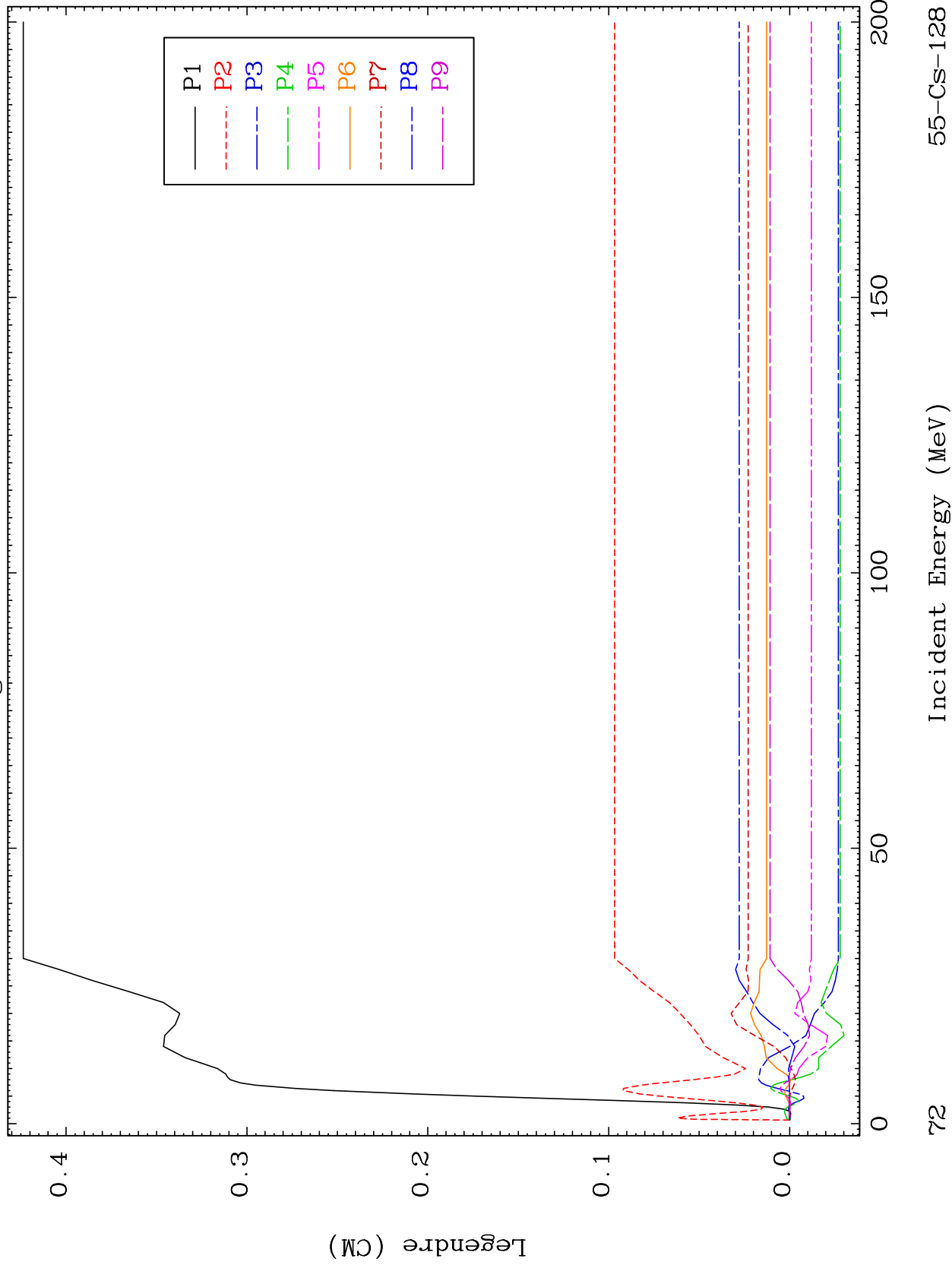
71

55-Cs-128

MAT 5510

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

55-Cs-128



72

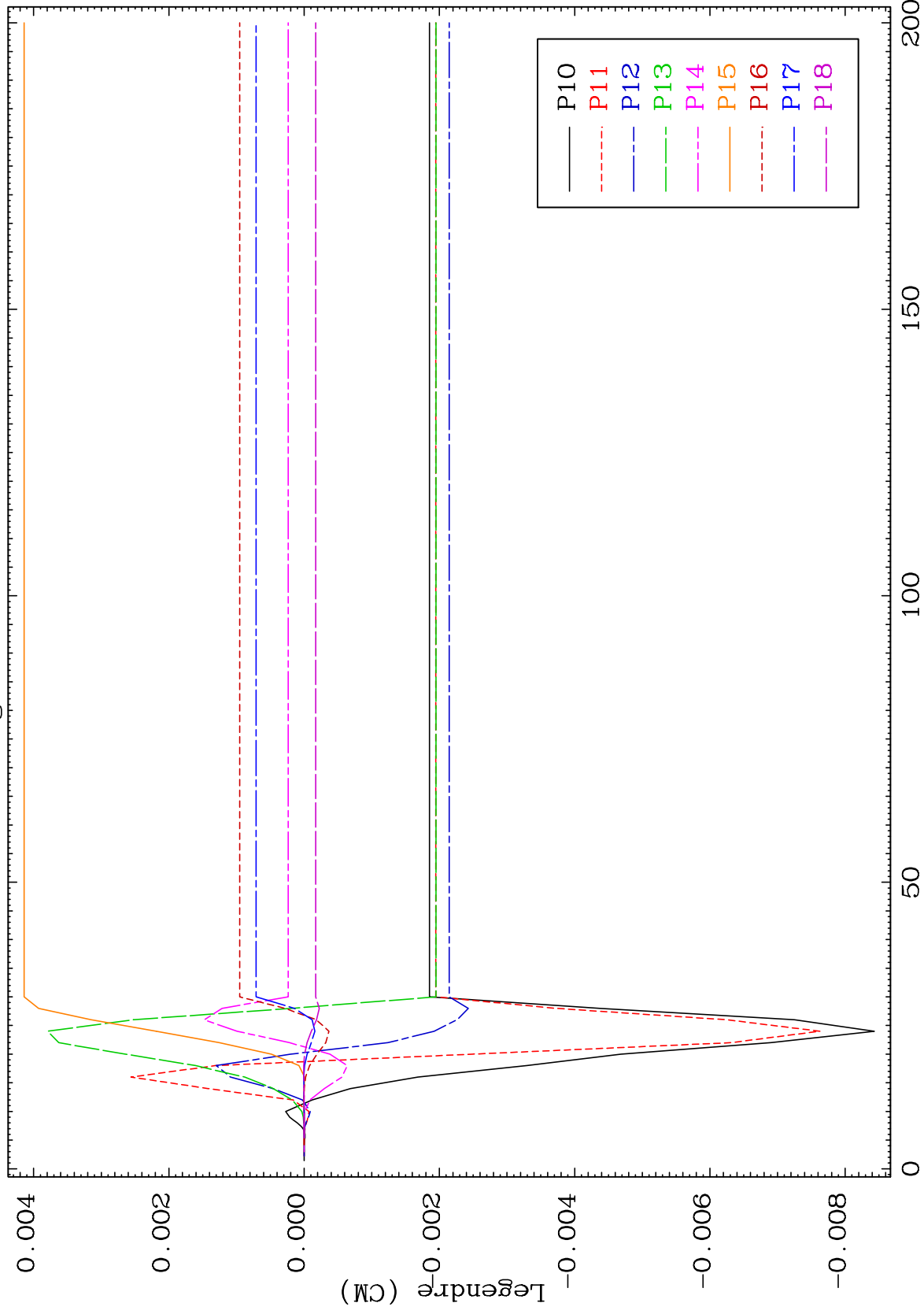
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

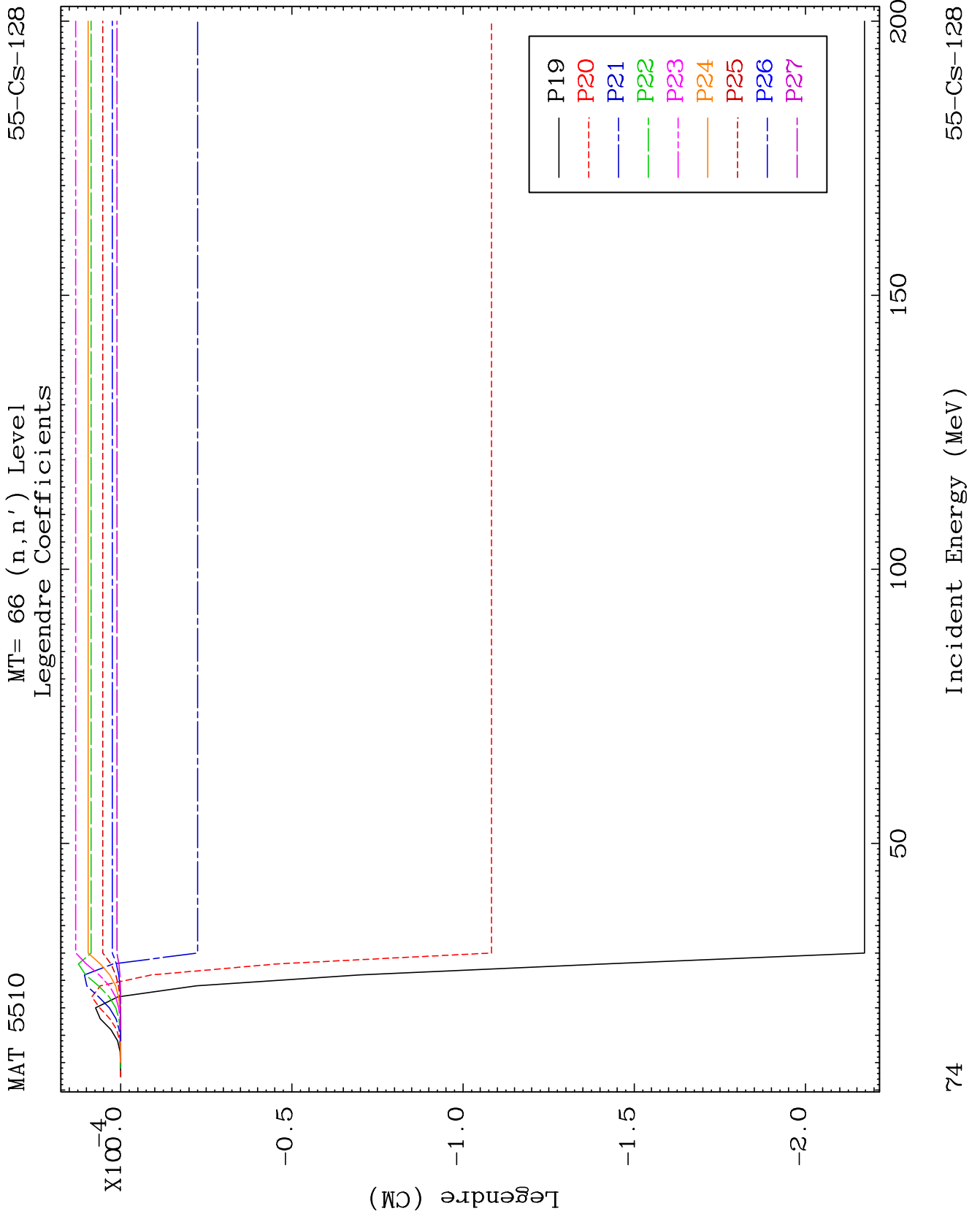
55-Cs-128



73

Incident Energy (MeV)

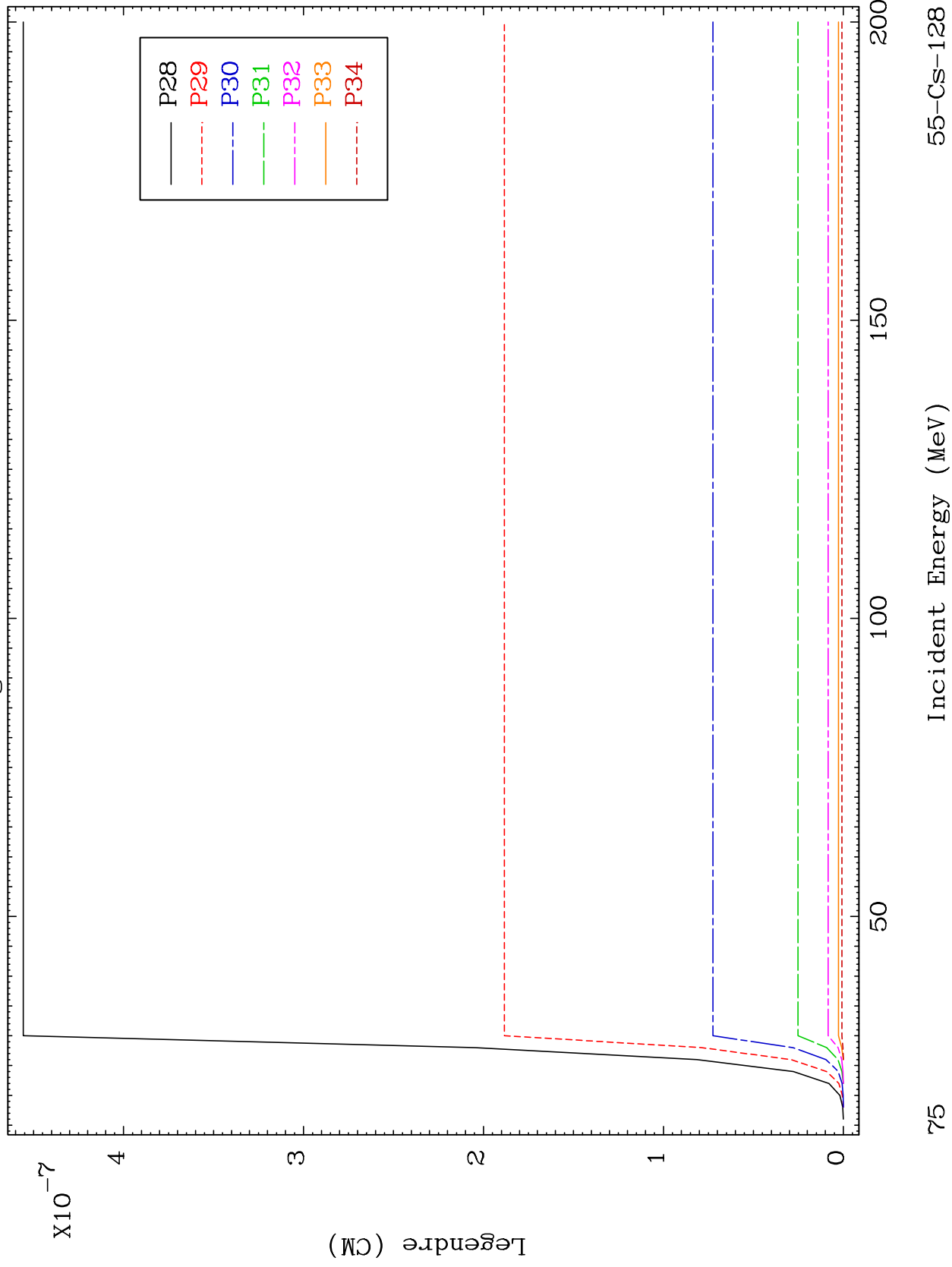
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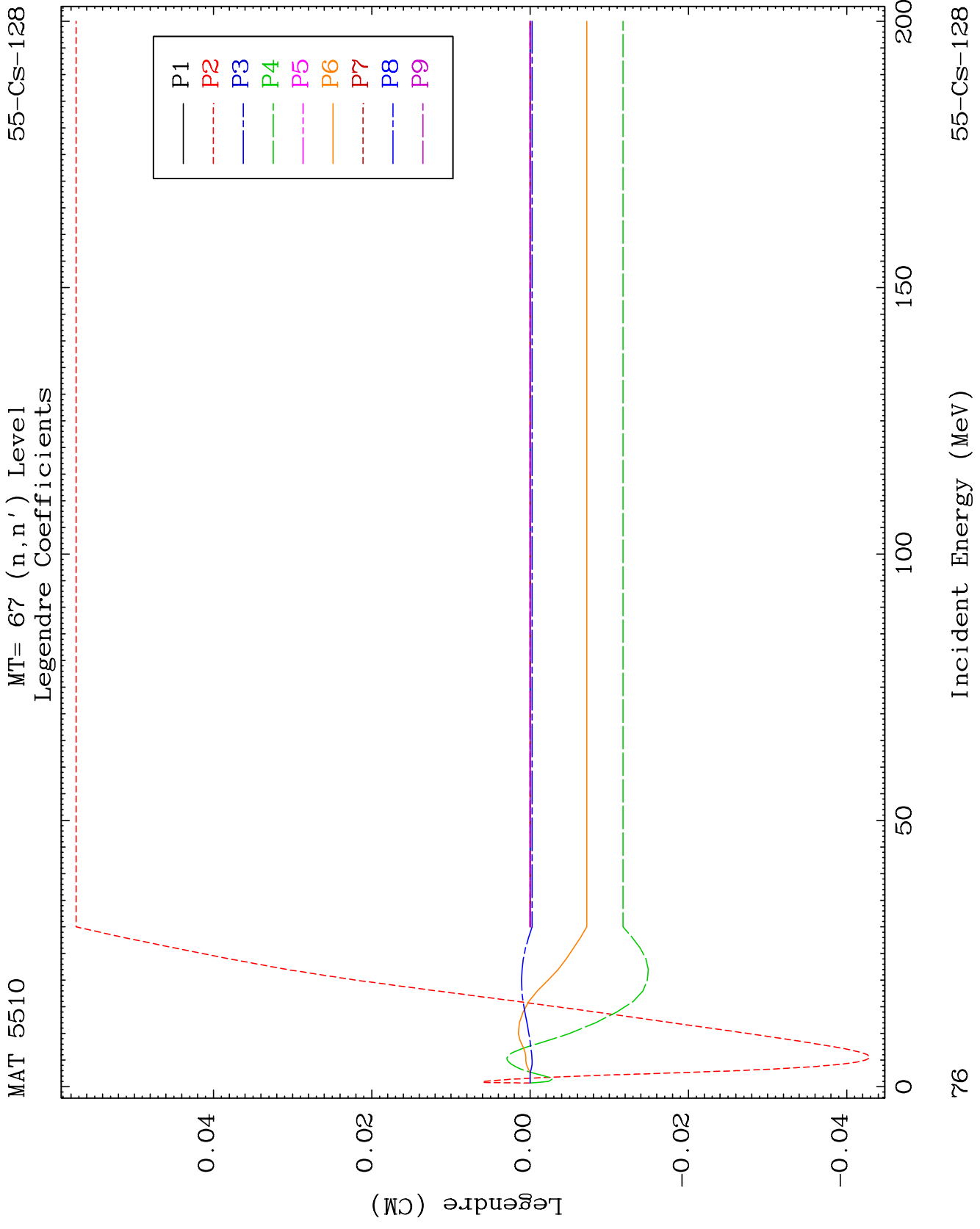


MAT 5510

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

55-Cs-128

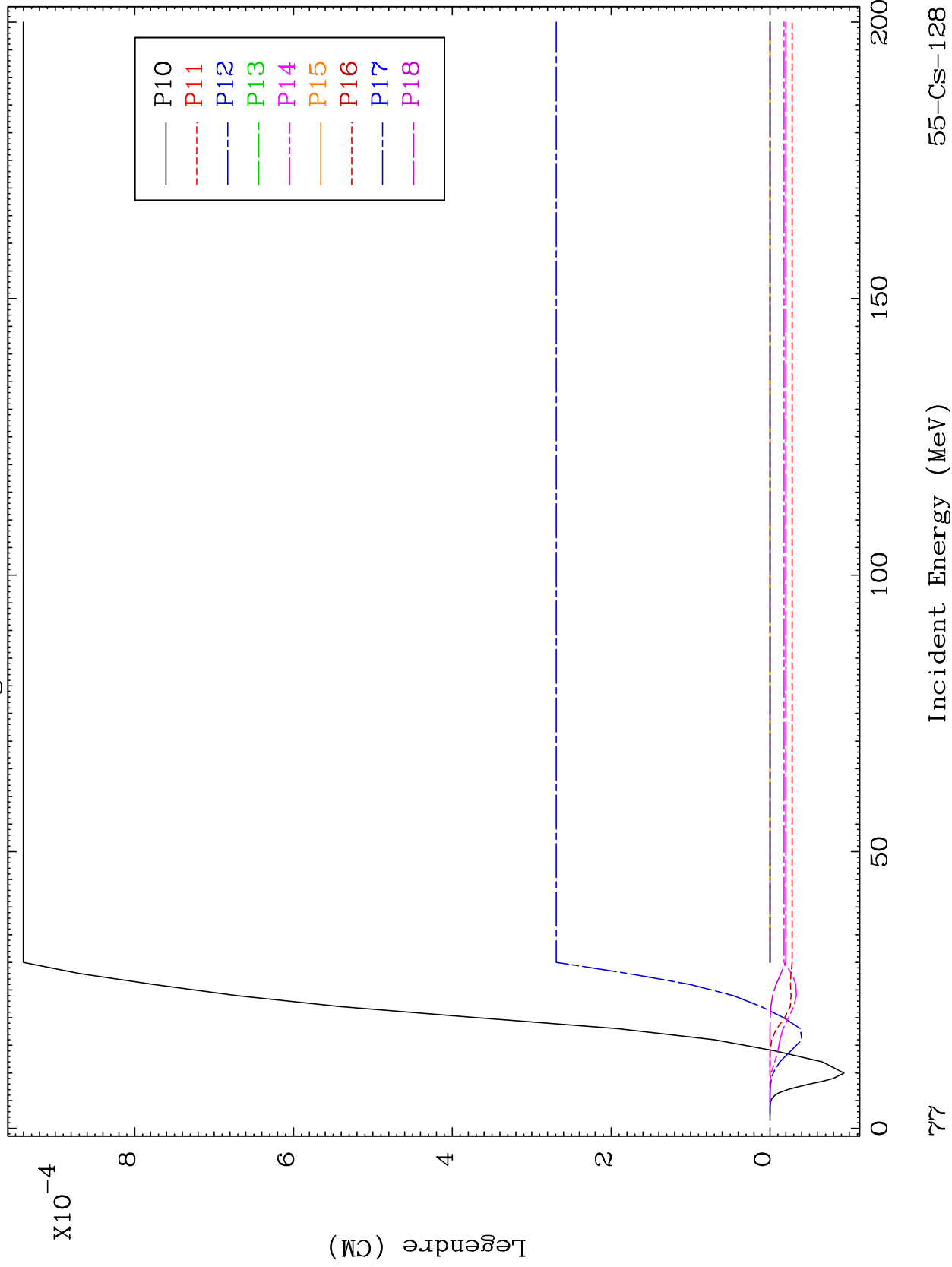




MAT 5510

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

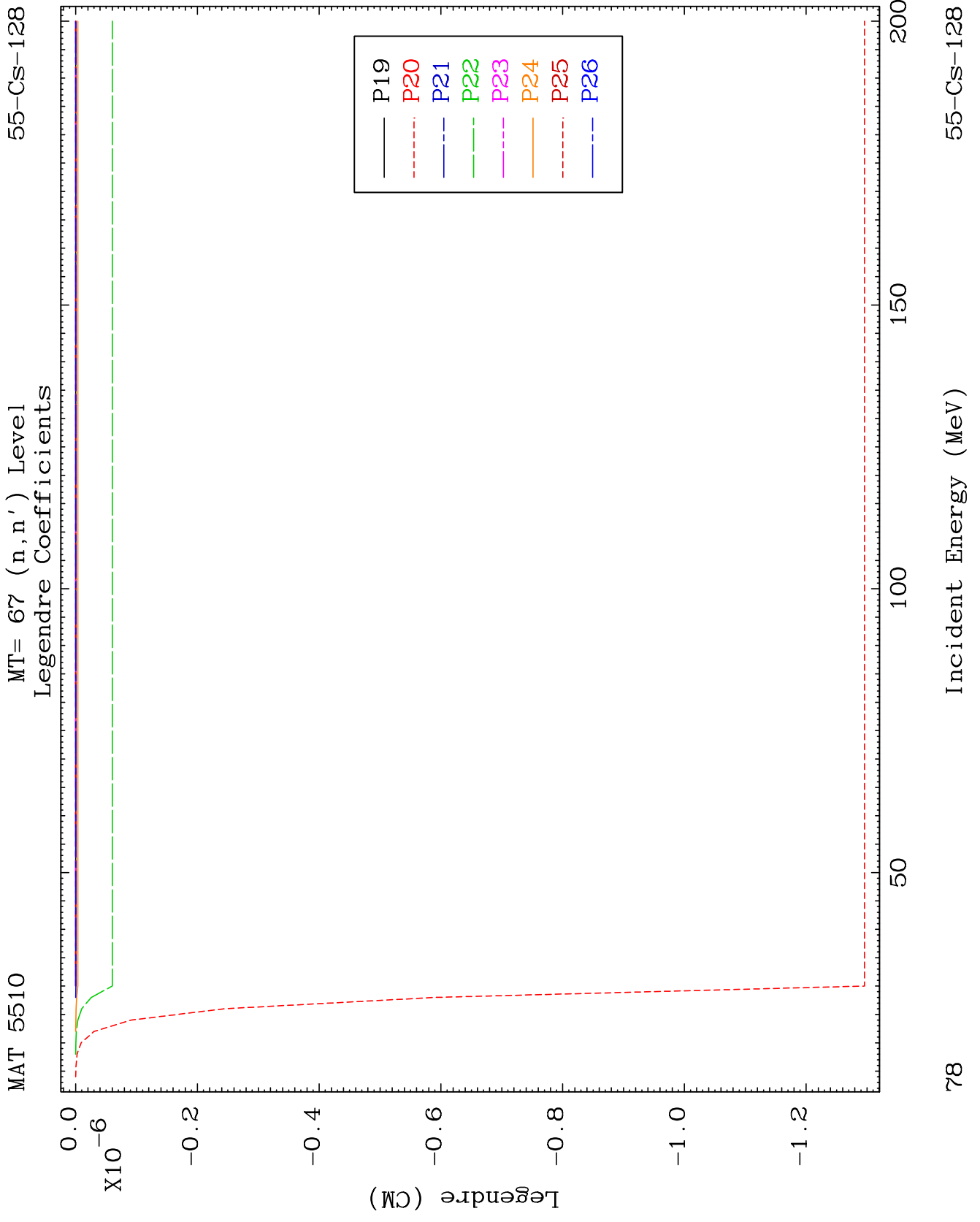
55-Cs-128



55-Cs-128

Incident Energy (MeV)

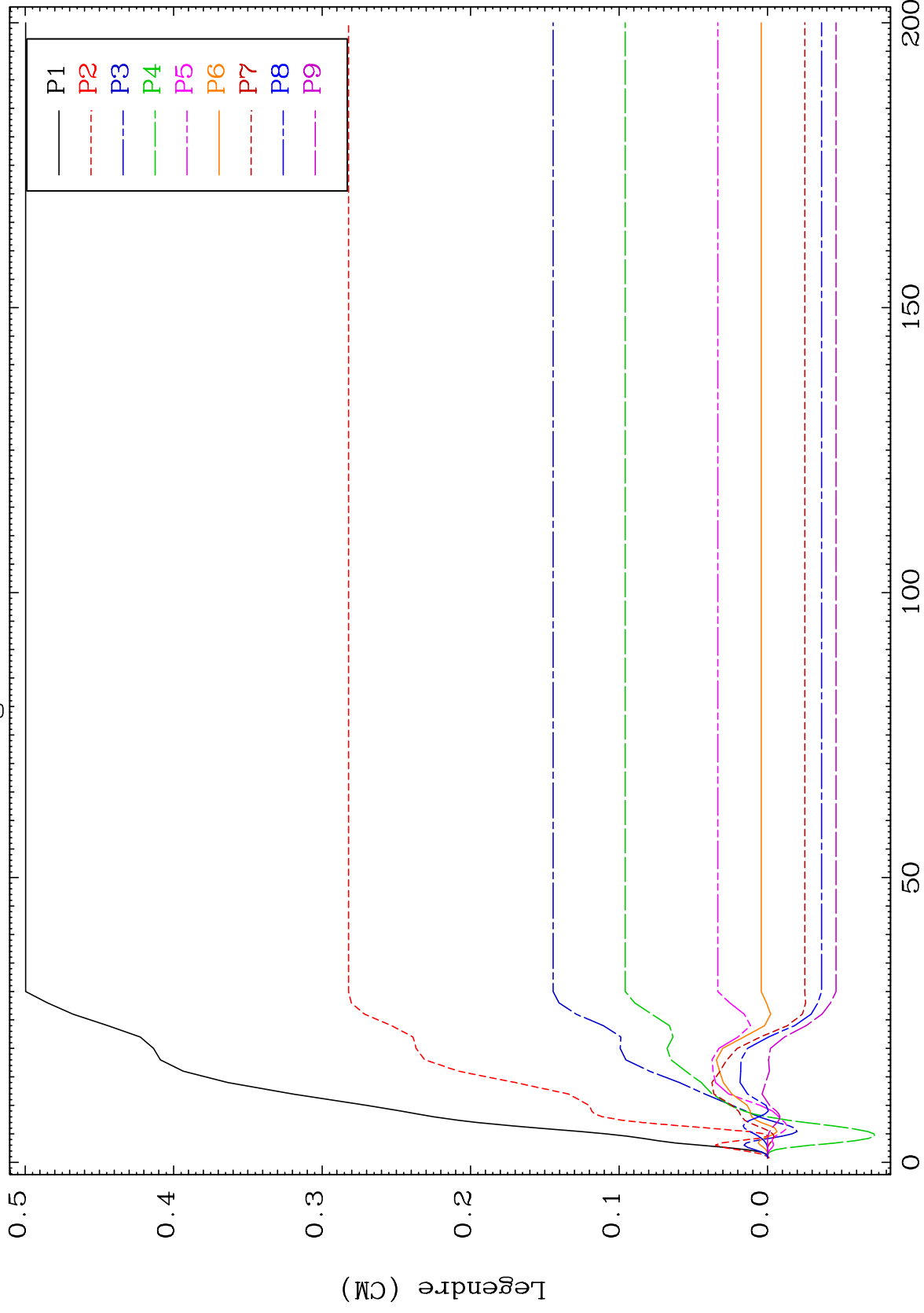
77



MAT 5510

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

55-Cs-128



79

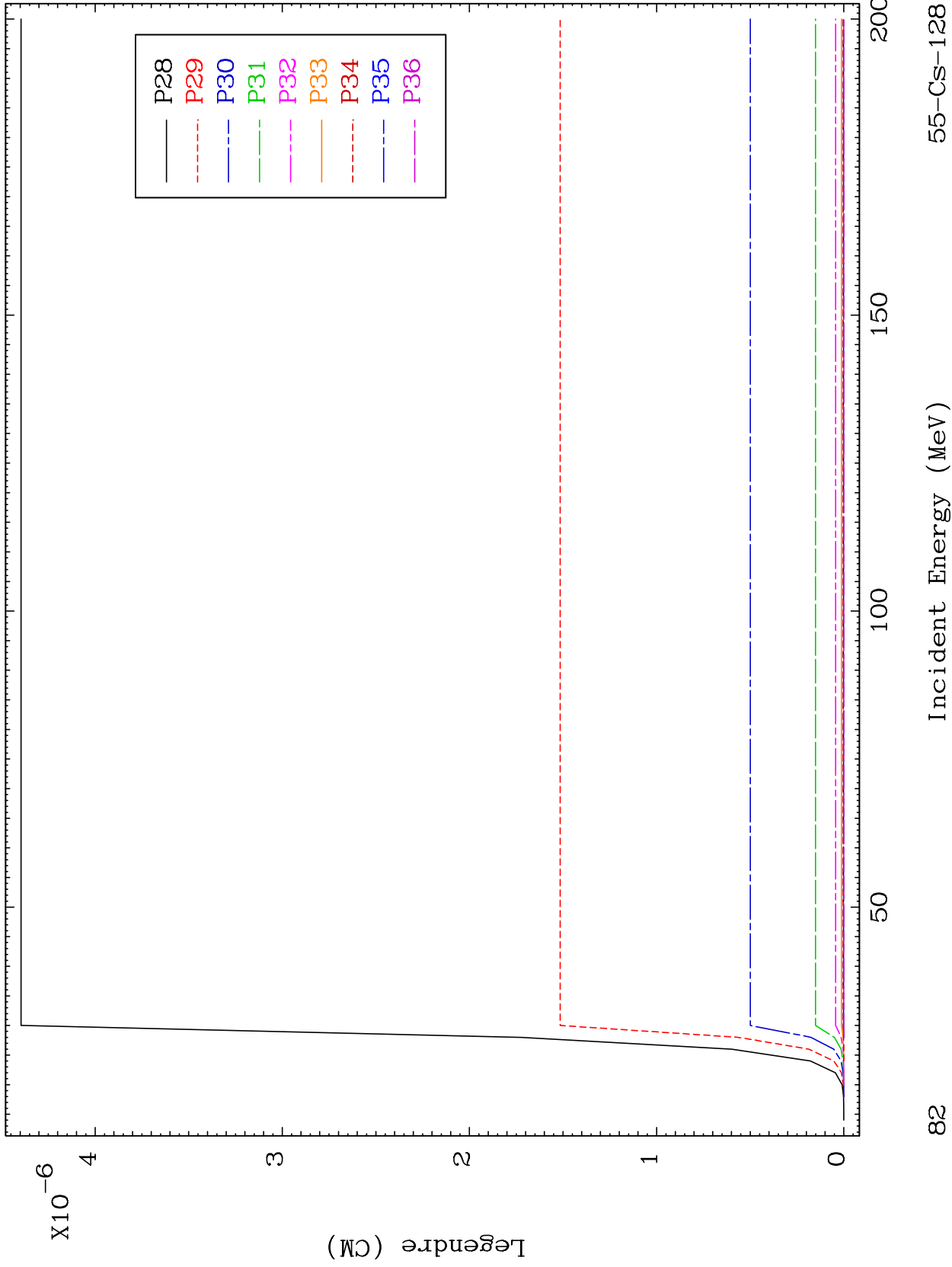
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

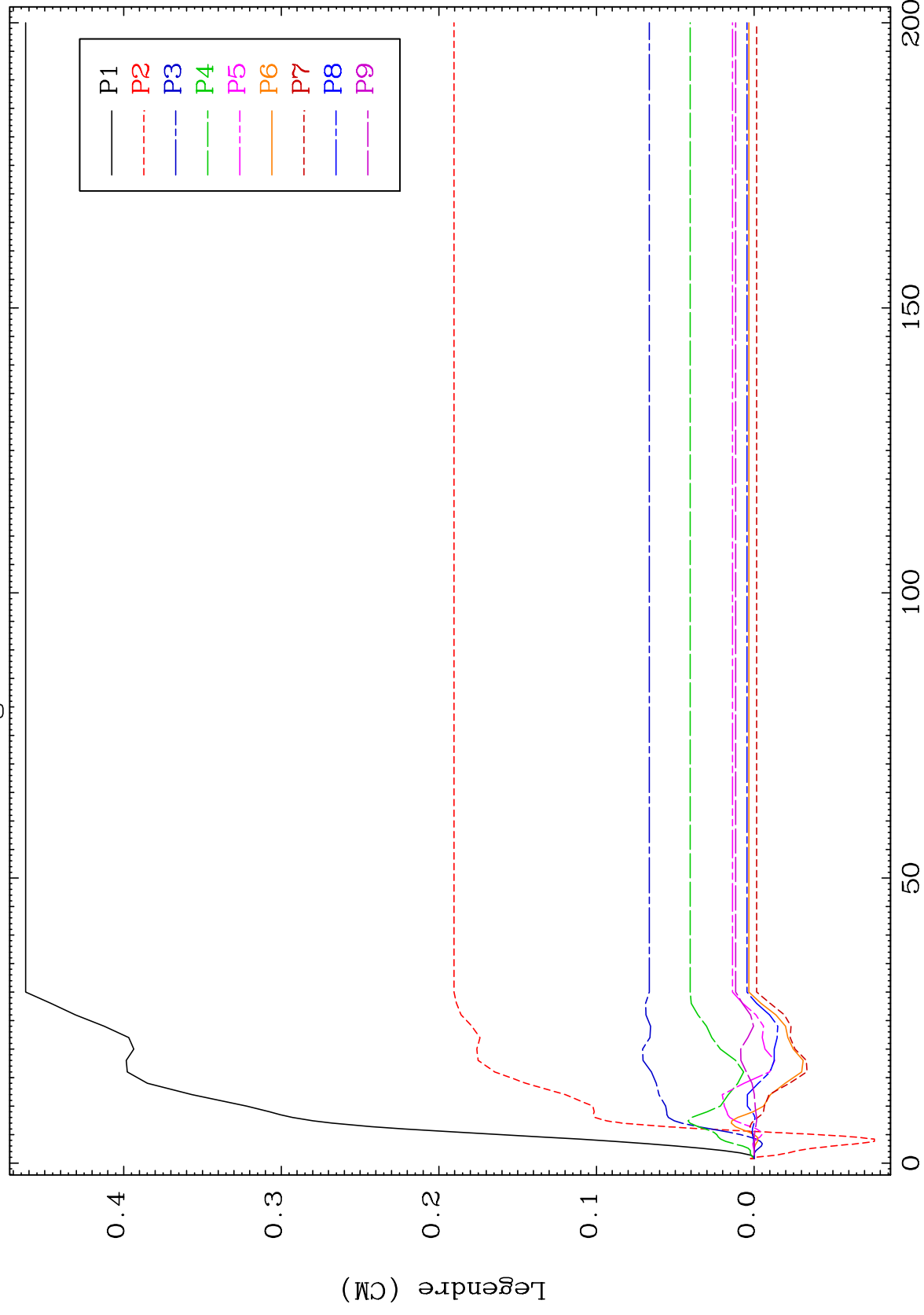
55-Cs-128



MAT 5510

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

55-Cs-128



83

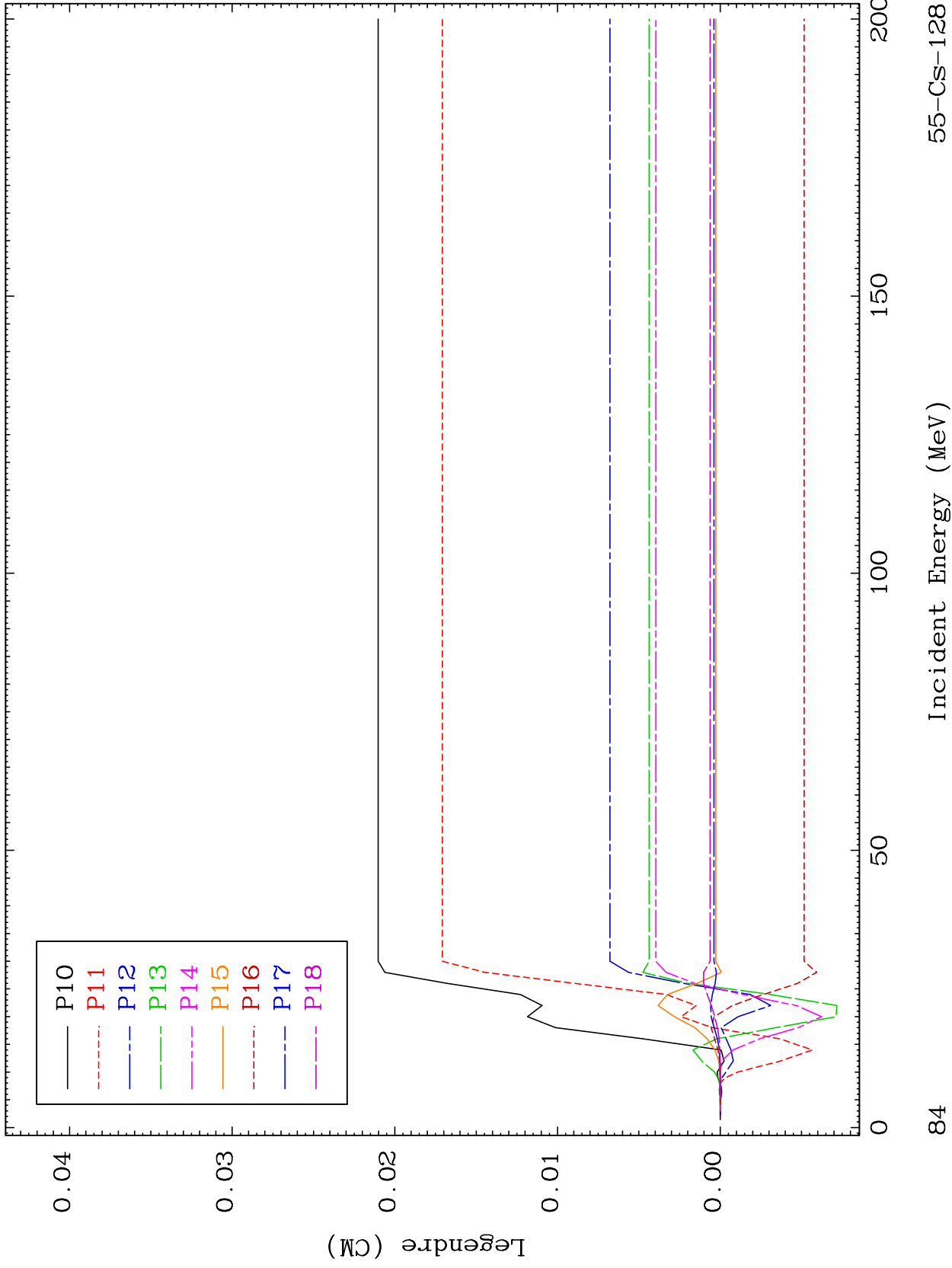
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

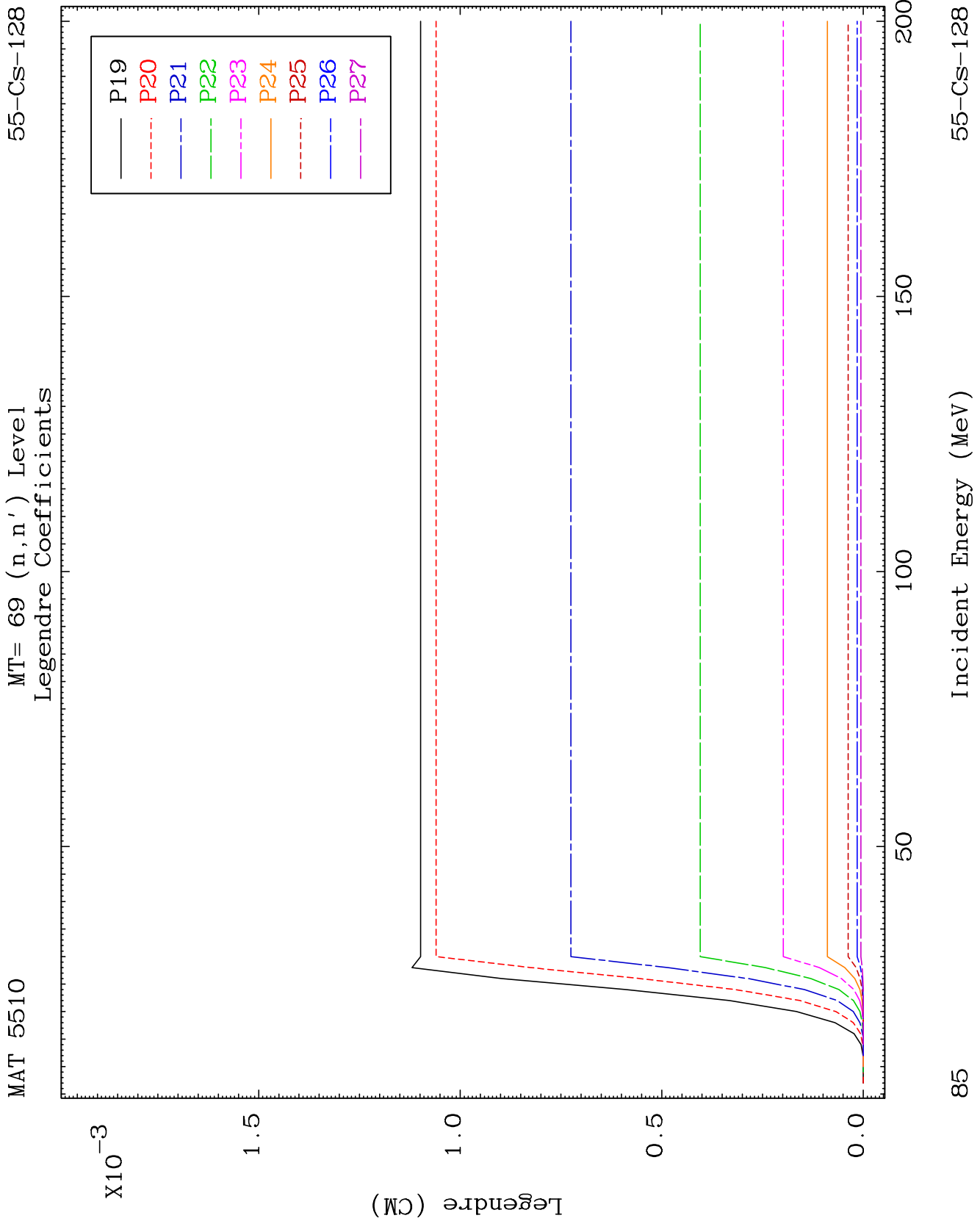
55-Cs-128



84

Incident Energy (MeV)

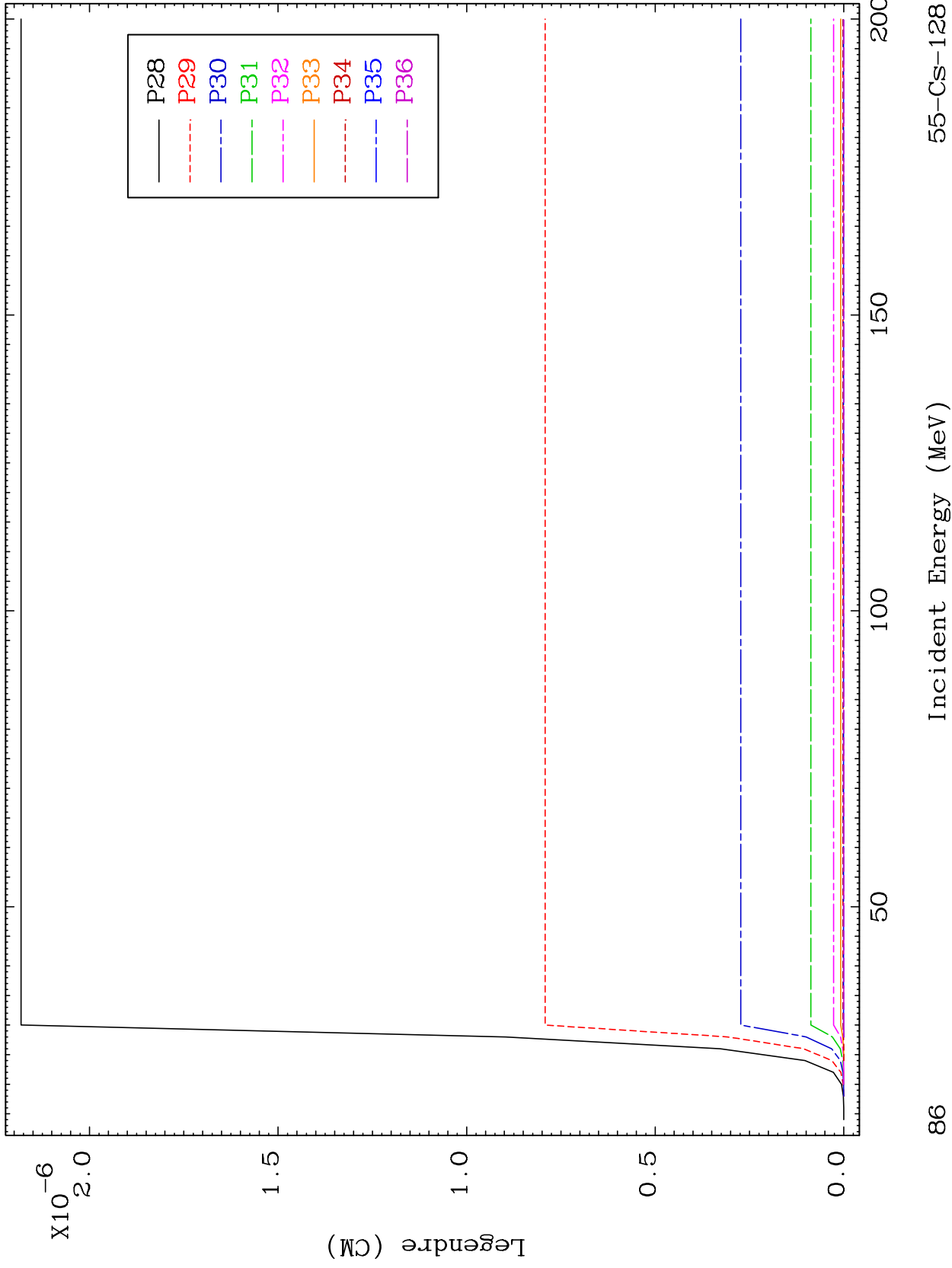
55-Cs-128



MAT 5510

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

55-Cs-128



86

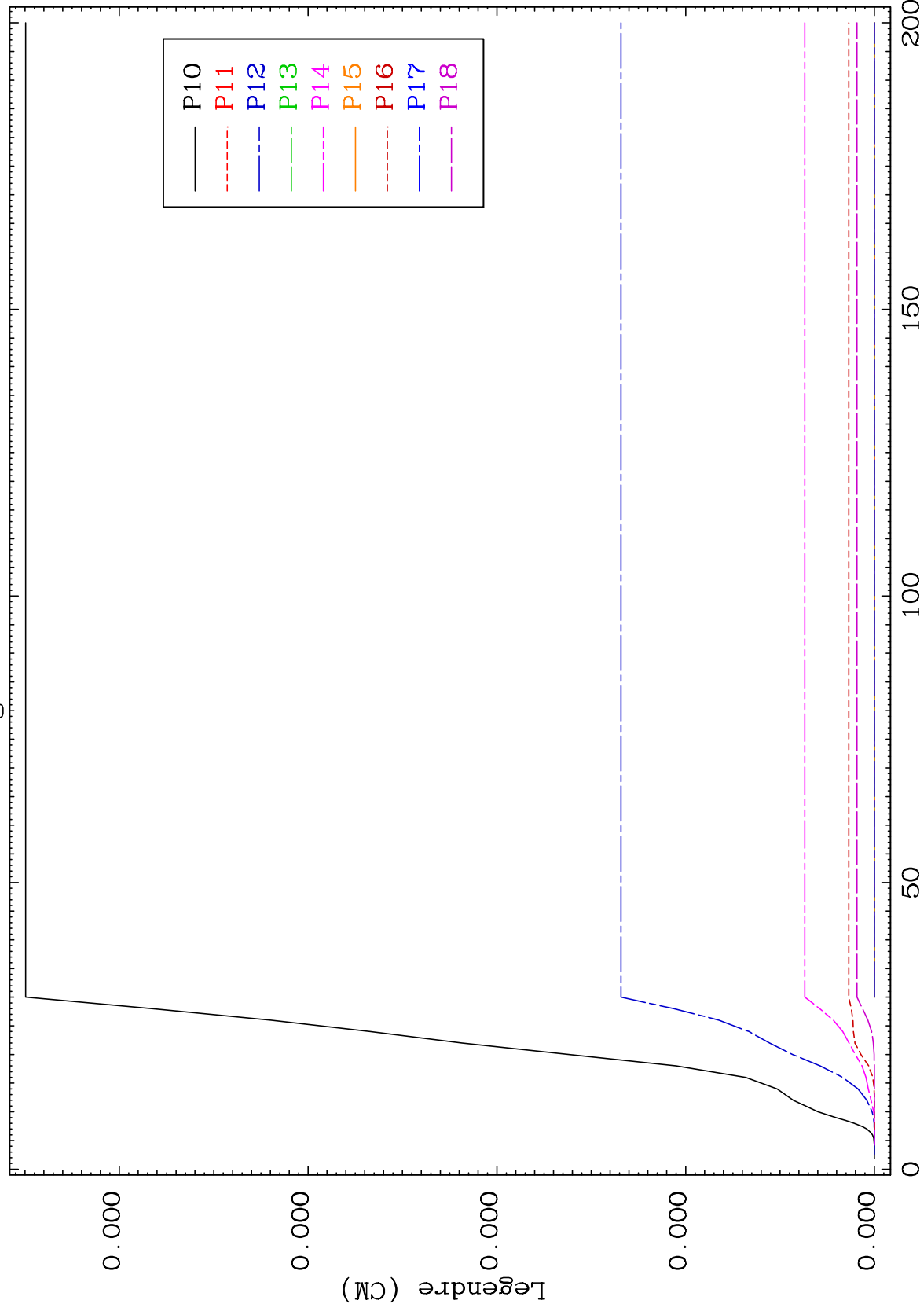
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

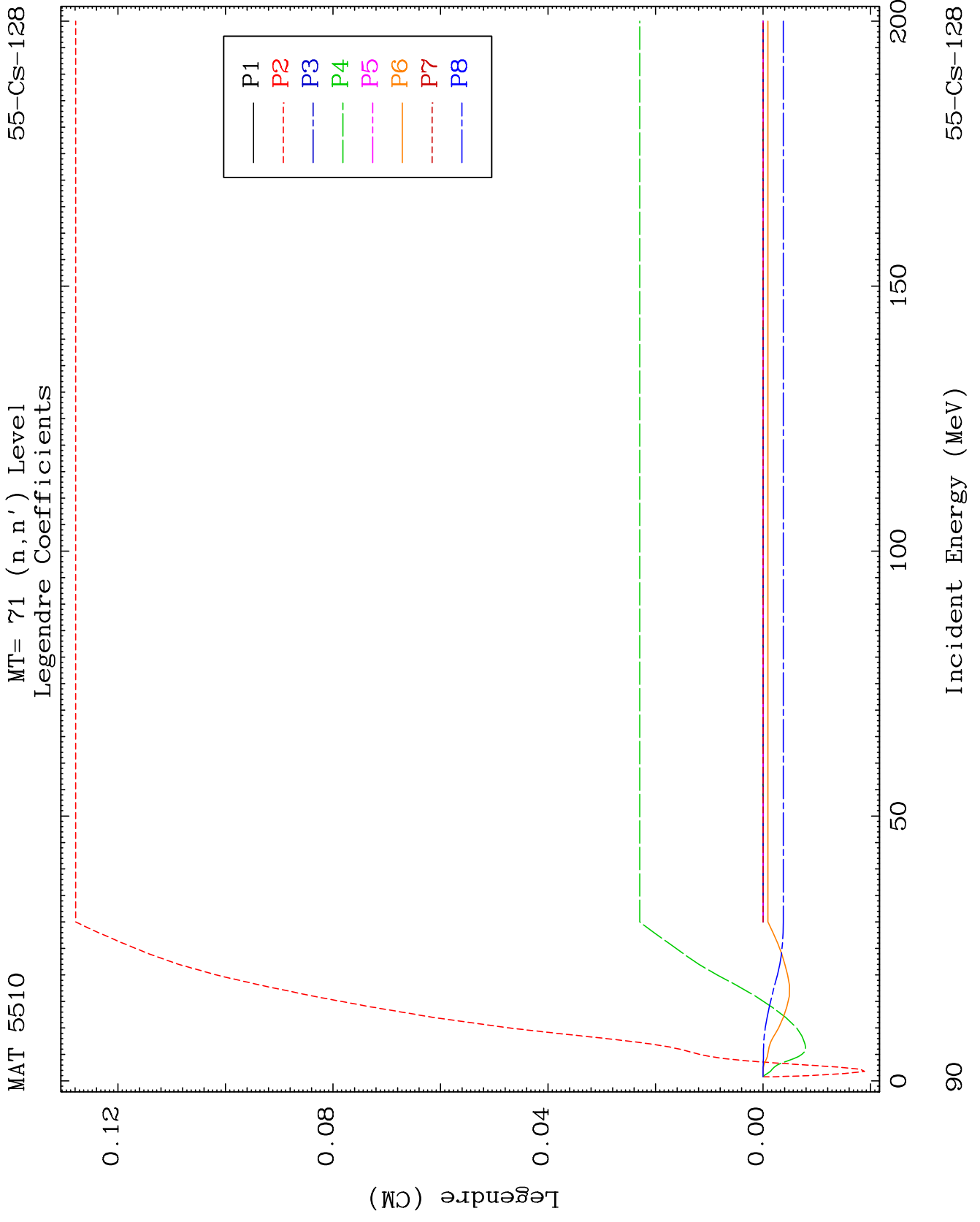
55-Cs-128

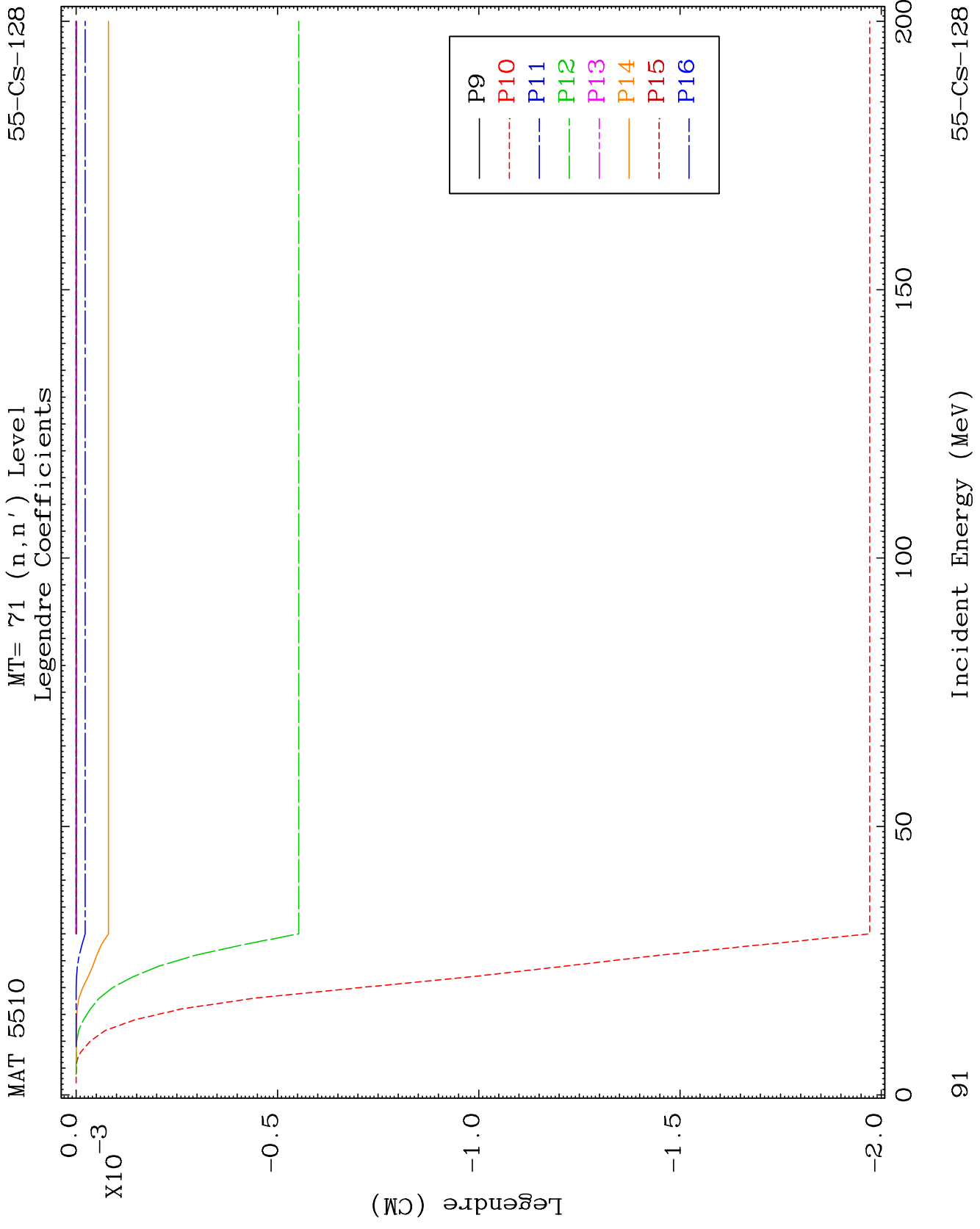


88

Incident Energy (MeV)

55-Cs-128

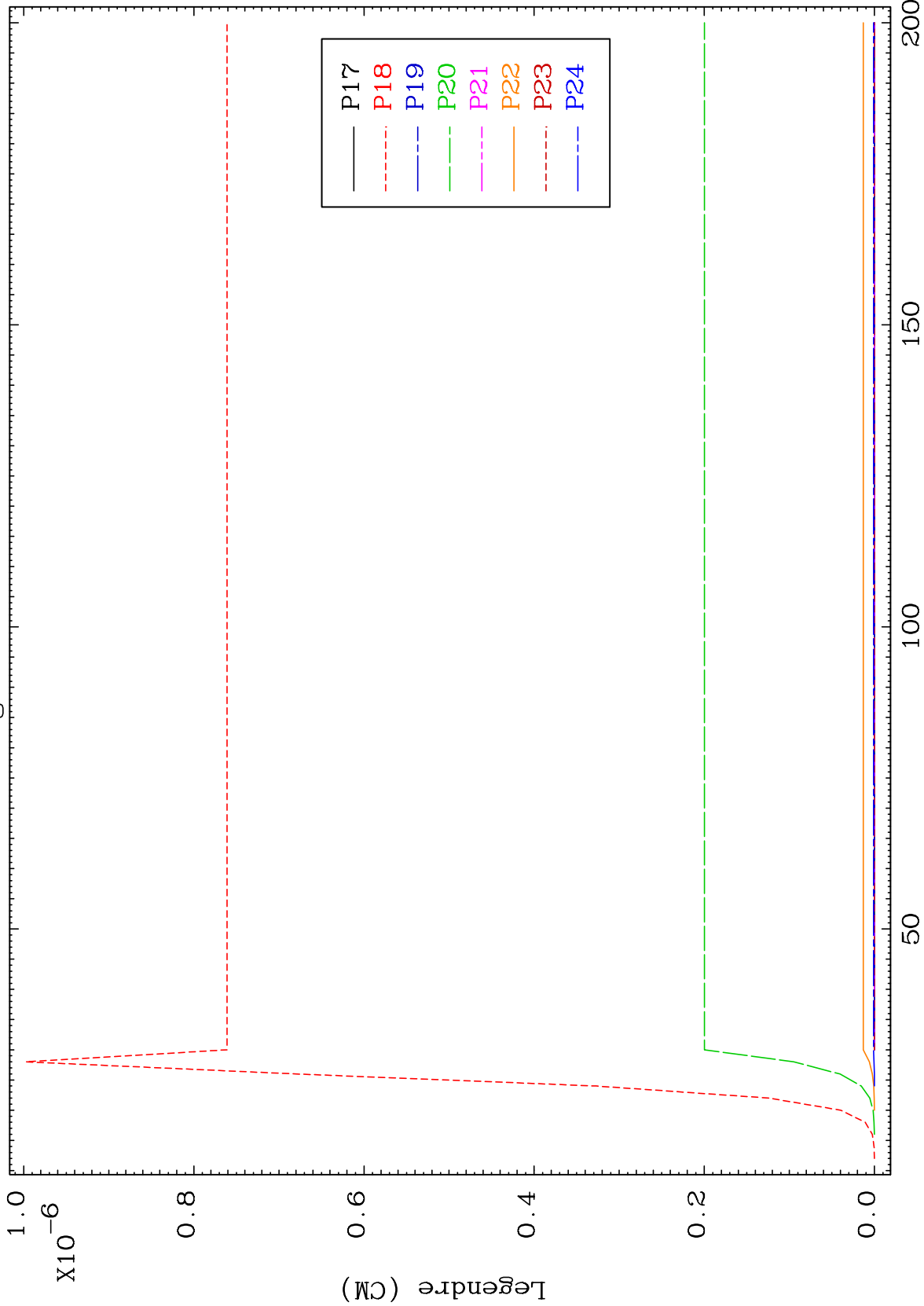




MAT 5510

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

55-Cs-128



55-Cs-128

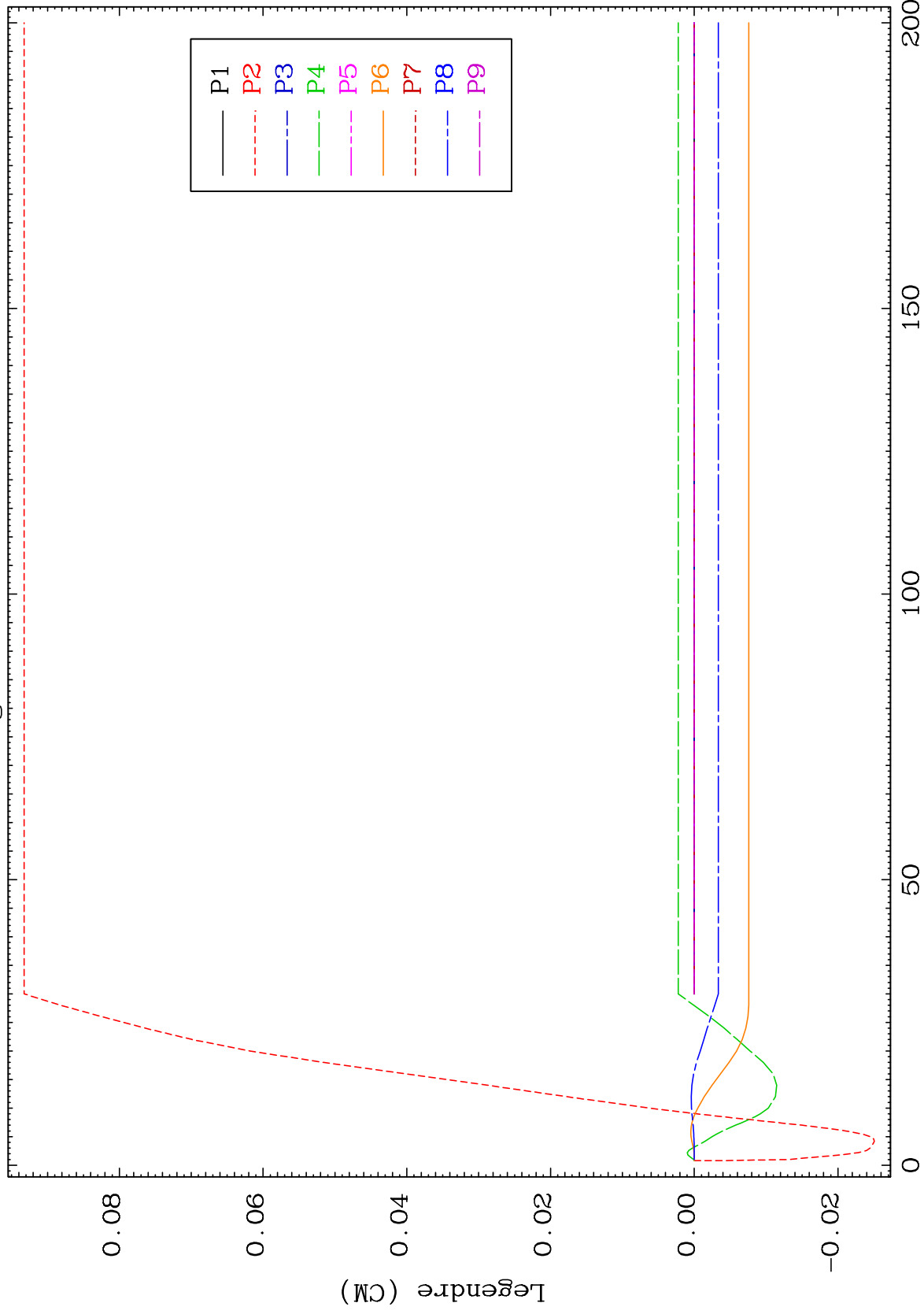
Incident Energy (MeV)

92

MAT 5510

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

55-Cs-128



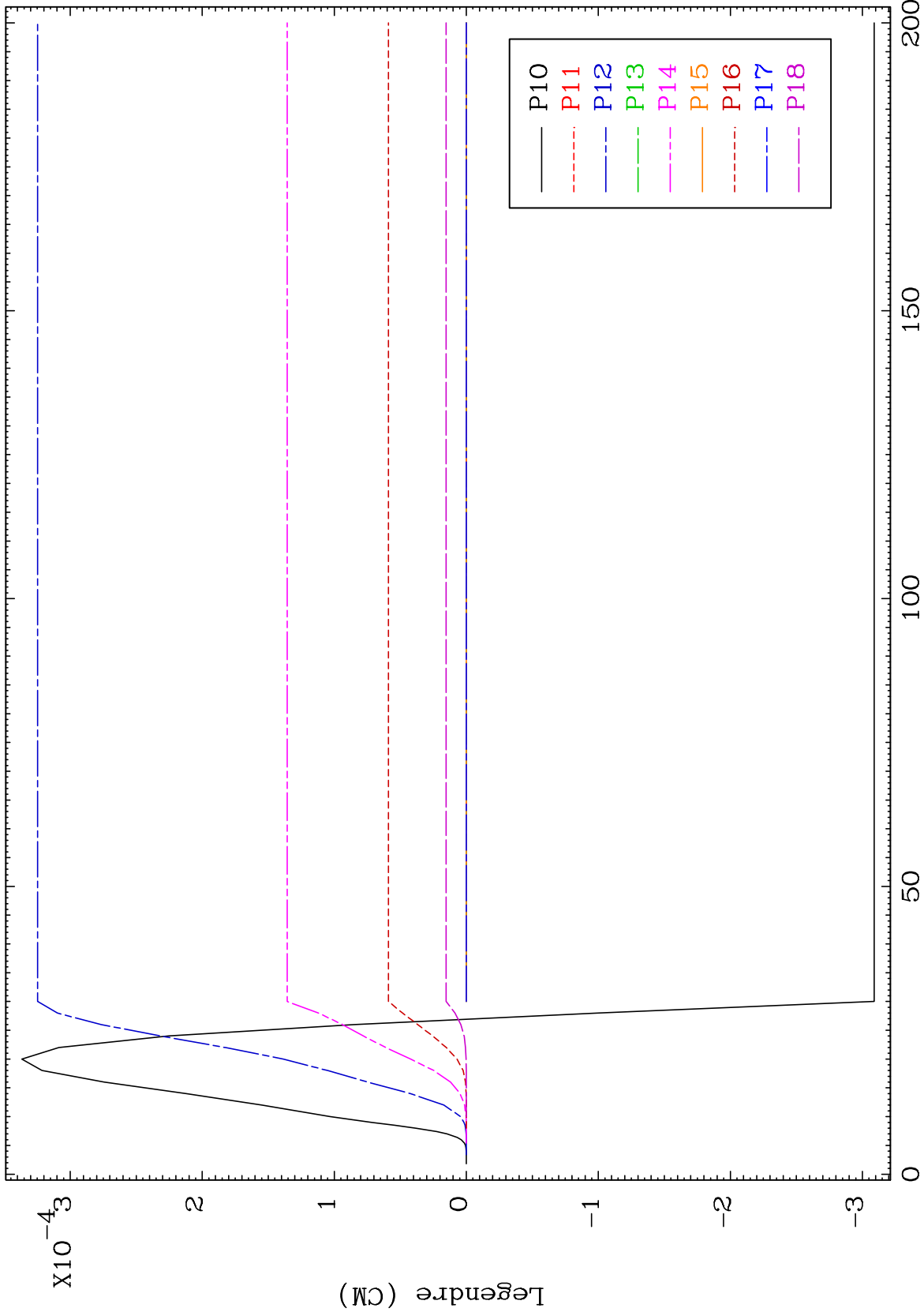
93

55-Cs-128

MAT 5510

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

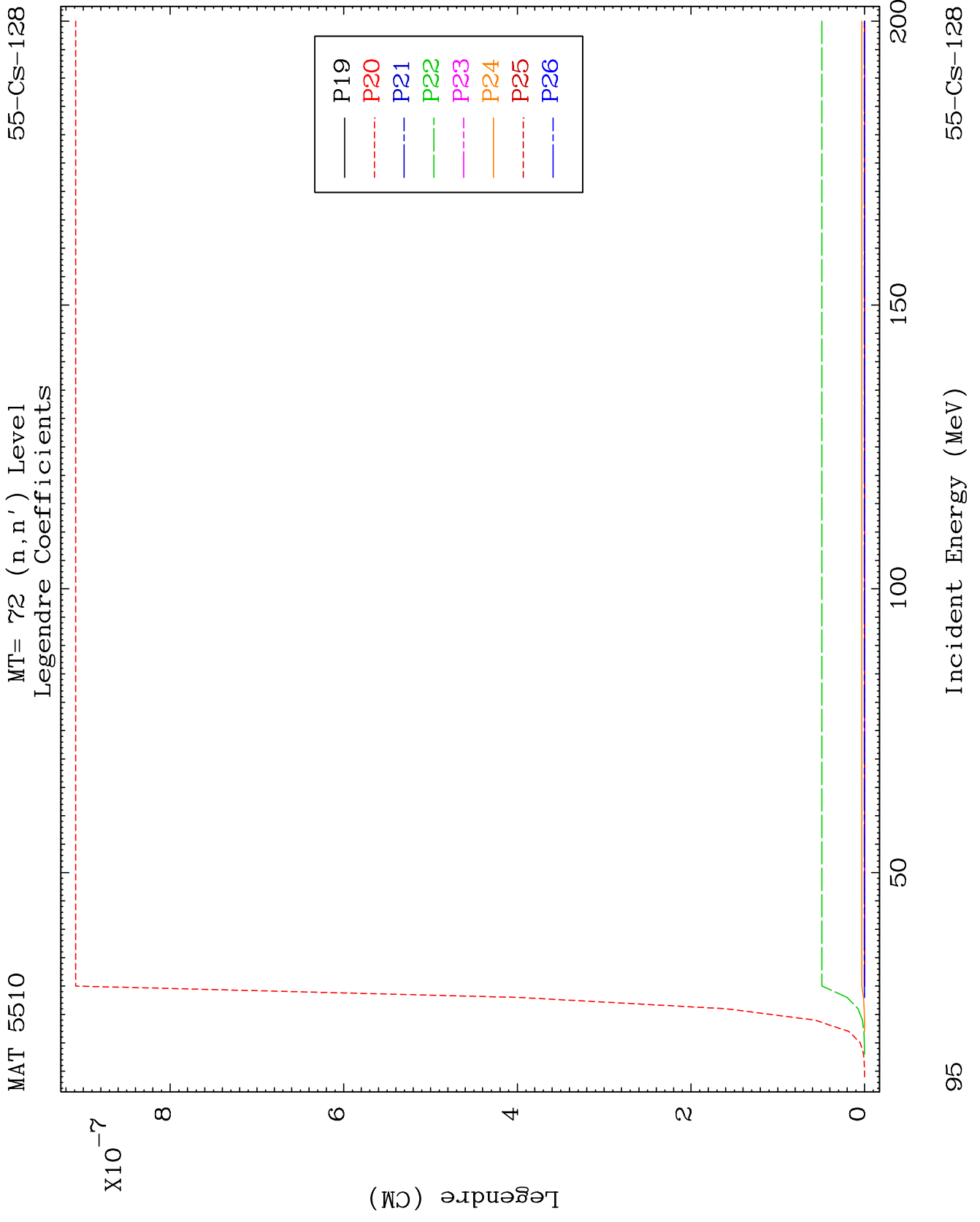
55-Cs-128



94

Incident Energy (MeV)

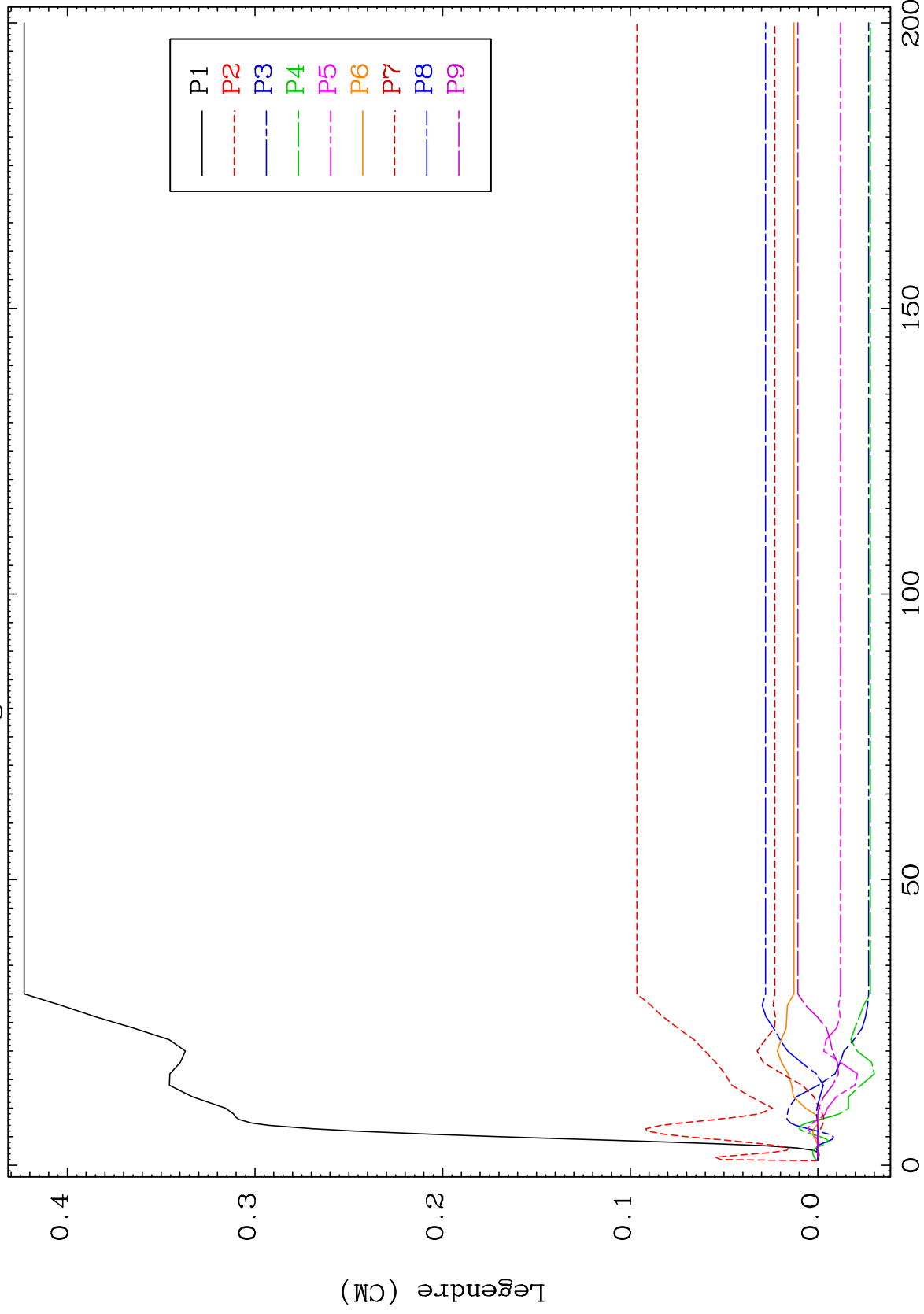
55-Cs-128



MAT 5510

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

55-Cs-128



96

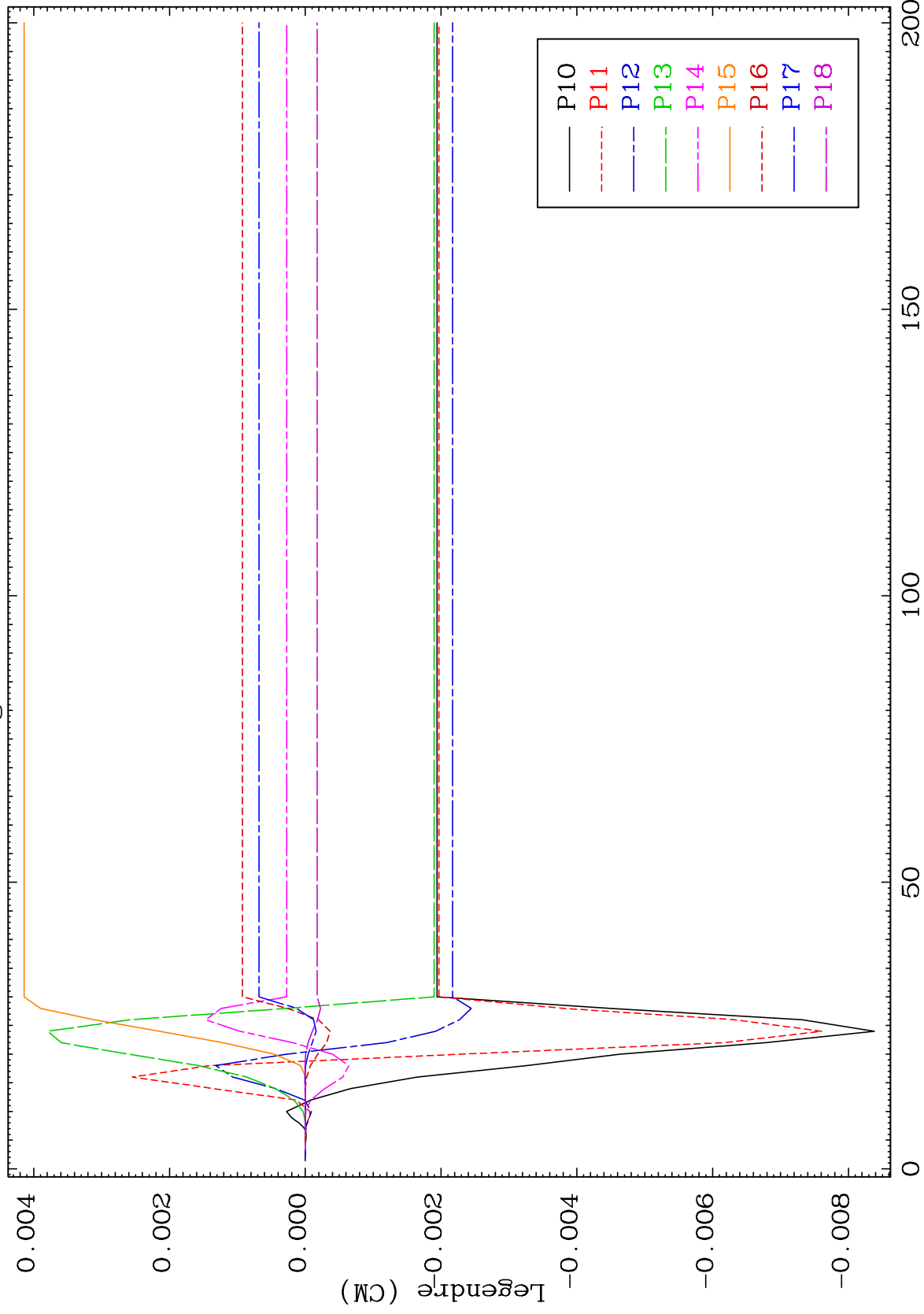
Incident Energy (MeV)

55-Cs-128

MAT 5510

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

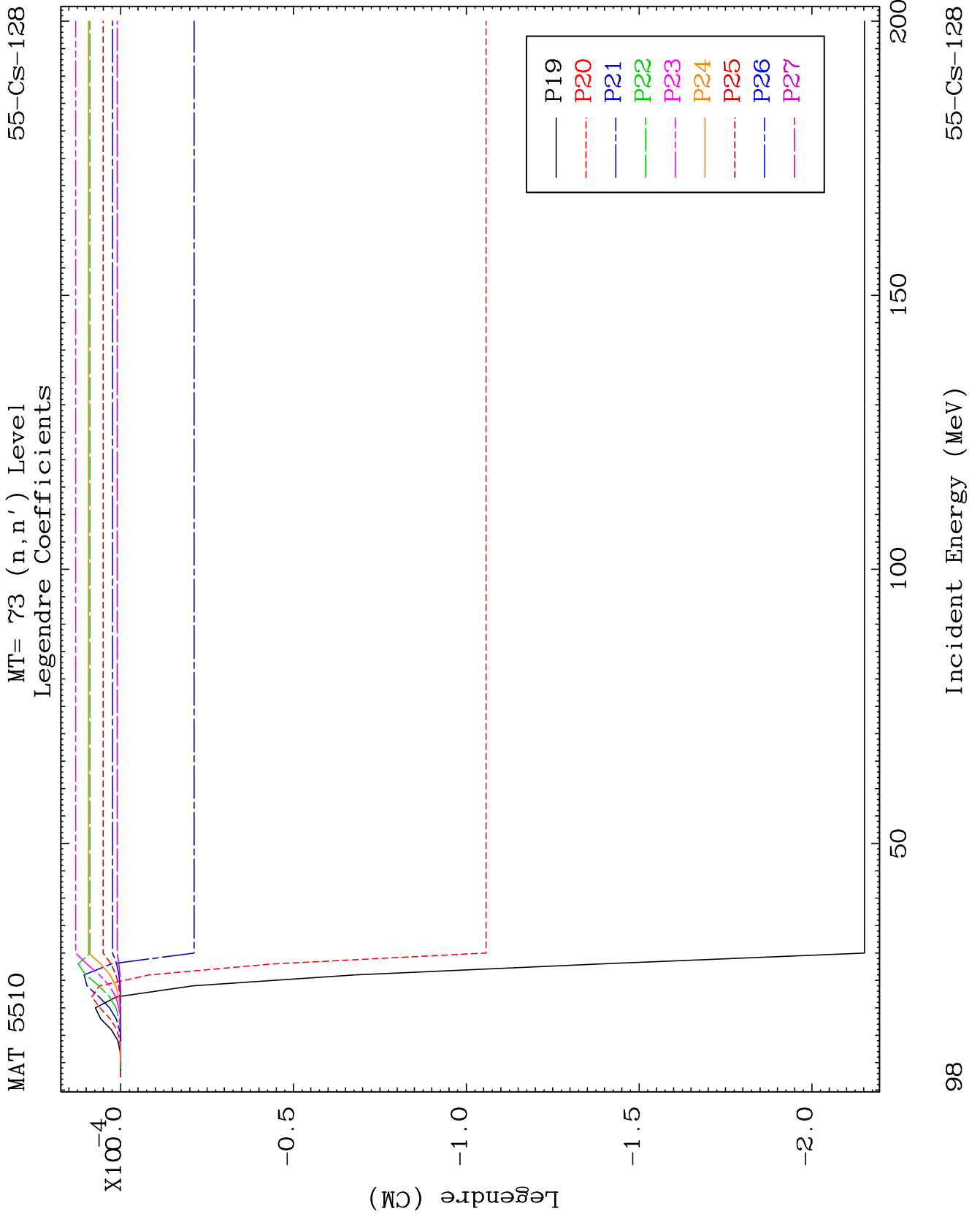
55-Cs-128



97

Incident Energy (MeV)

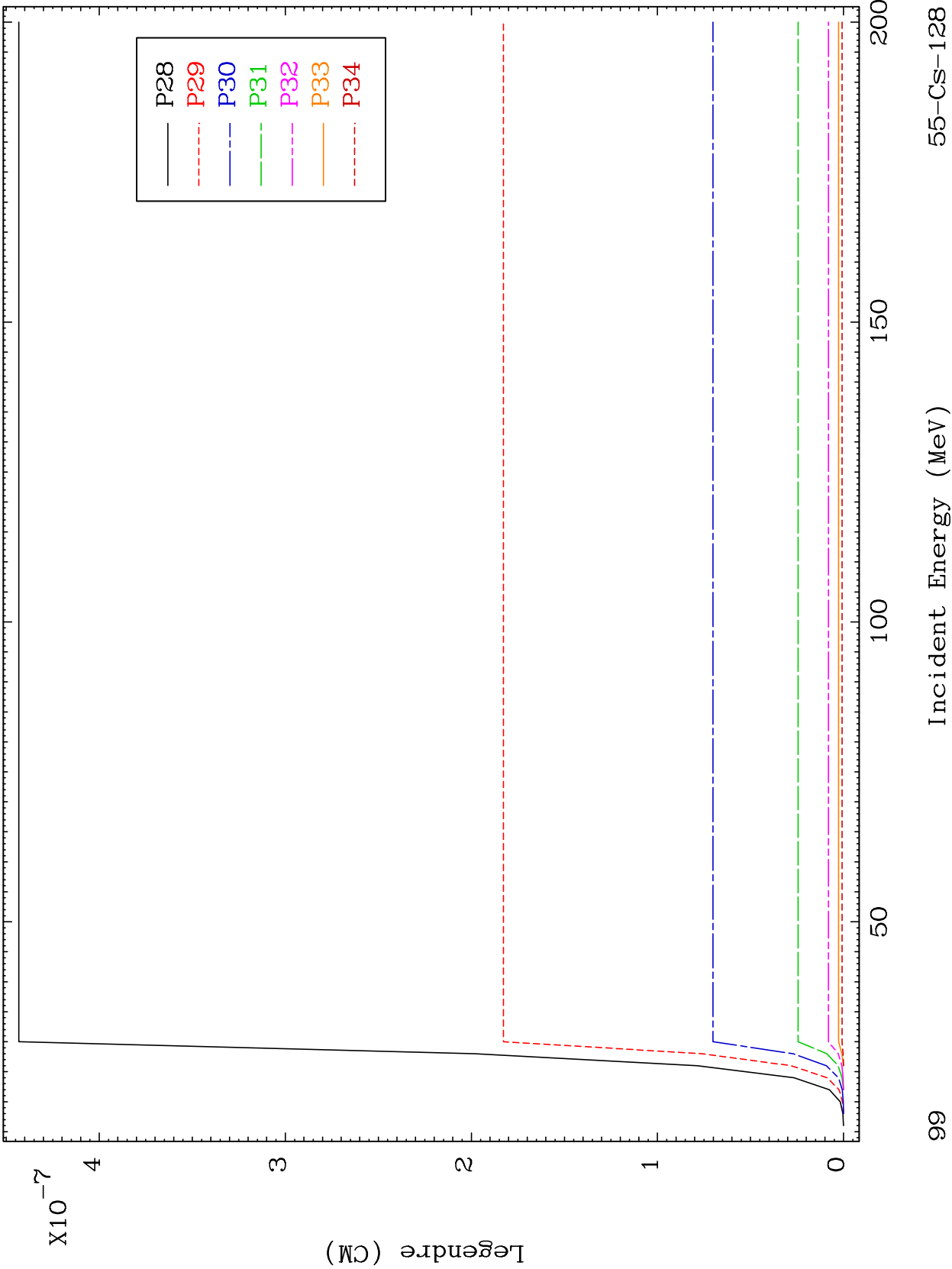
55-Cs-128



MAT 5510

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

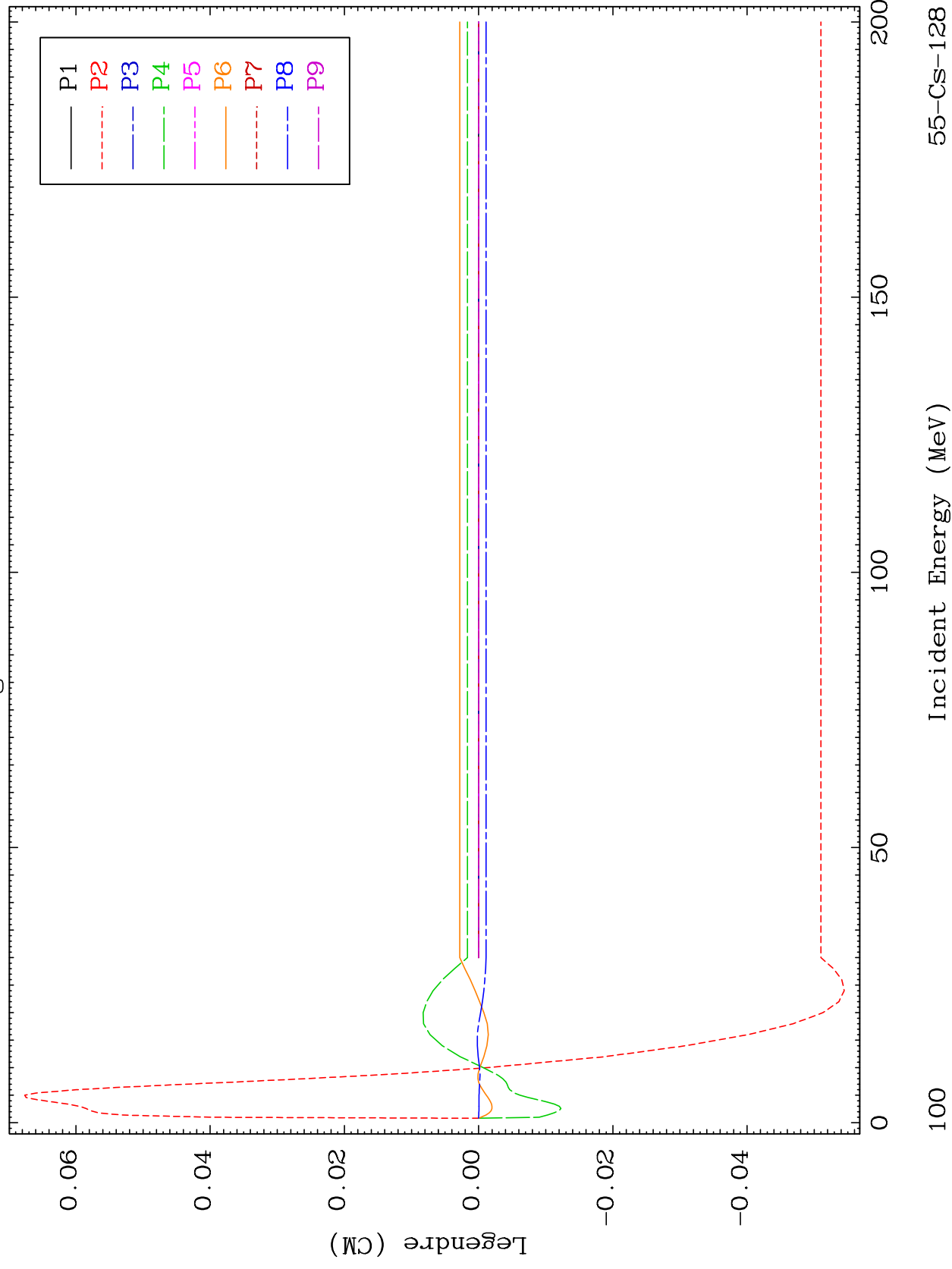
55-Cs-128



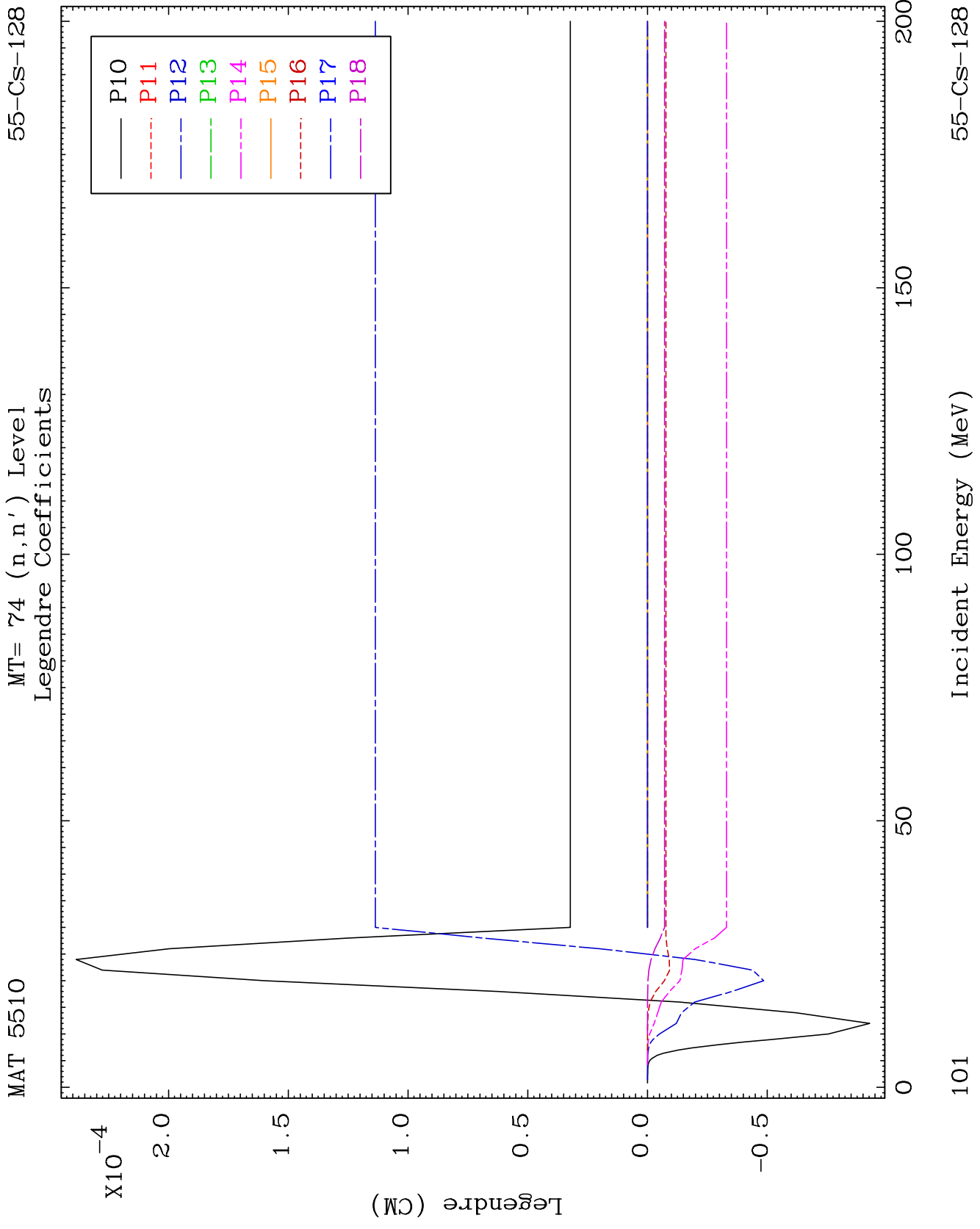
MAT 5510

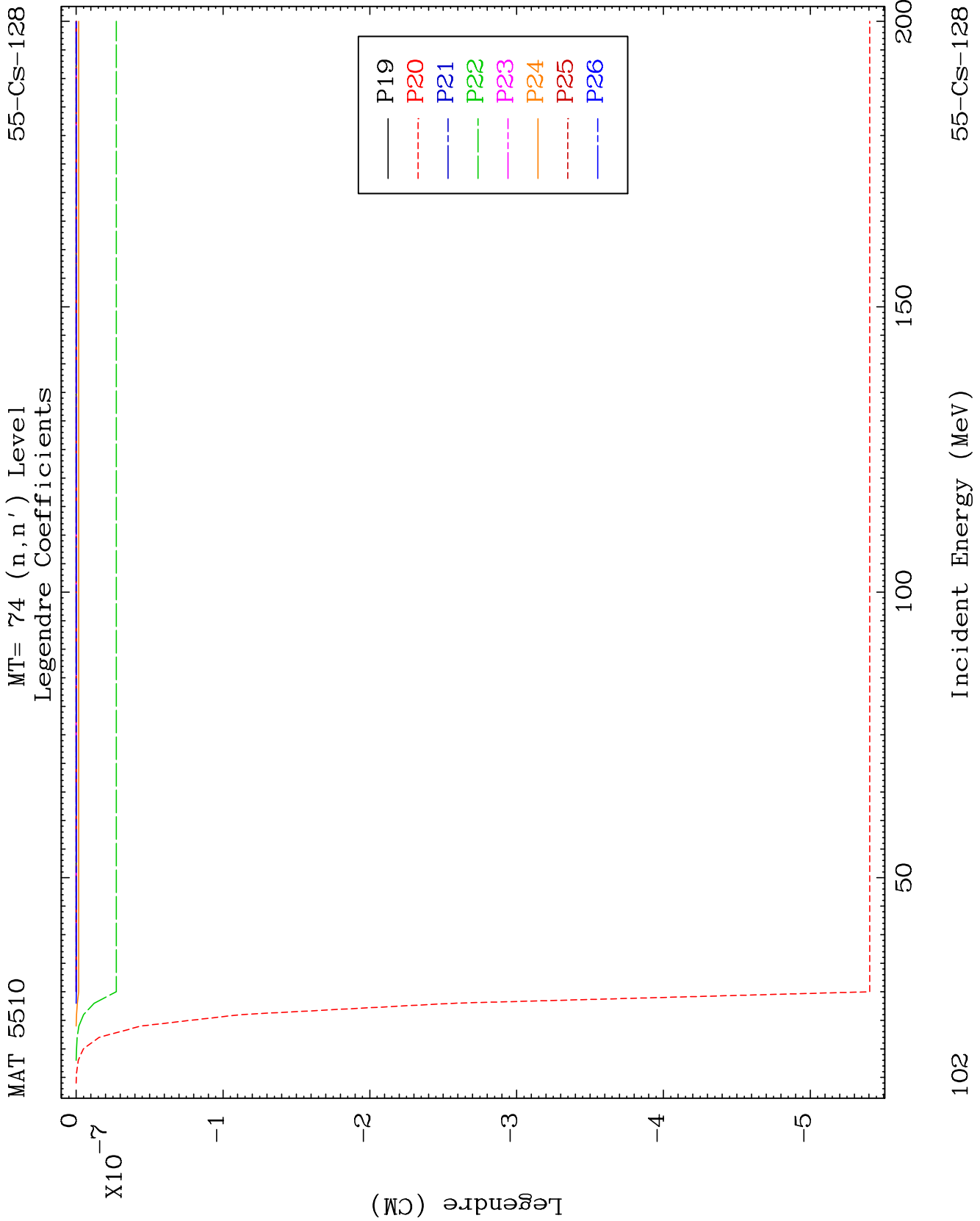
MT= 74 (n,n') Level
Legendre Coefficients

55-Cs-128



55-Cs-128

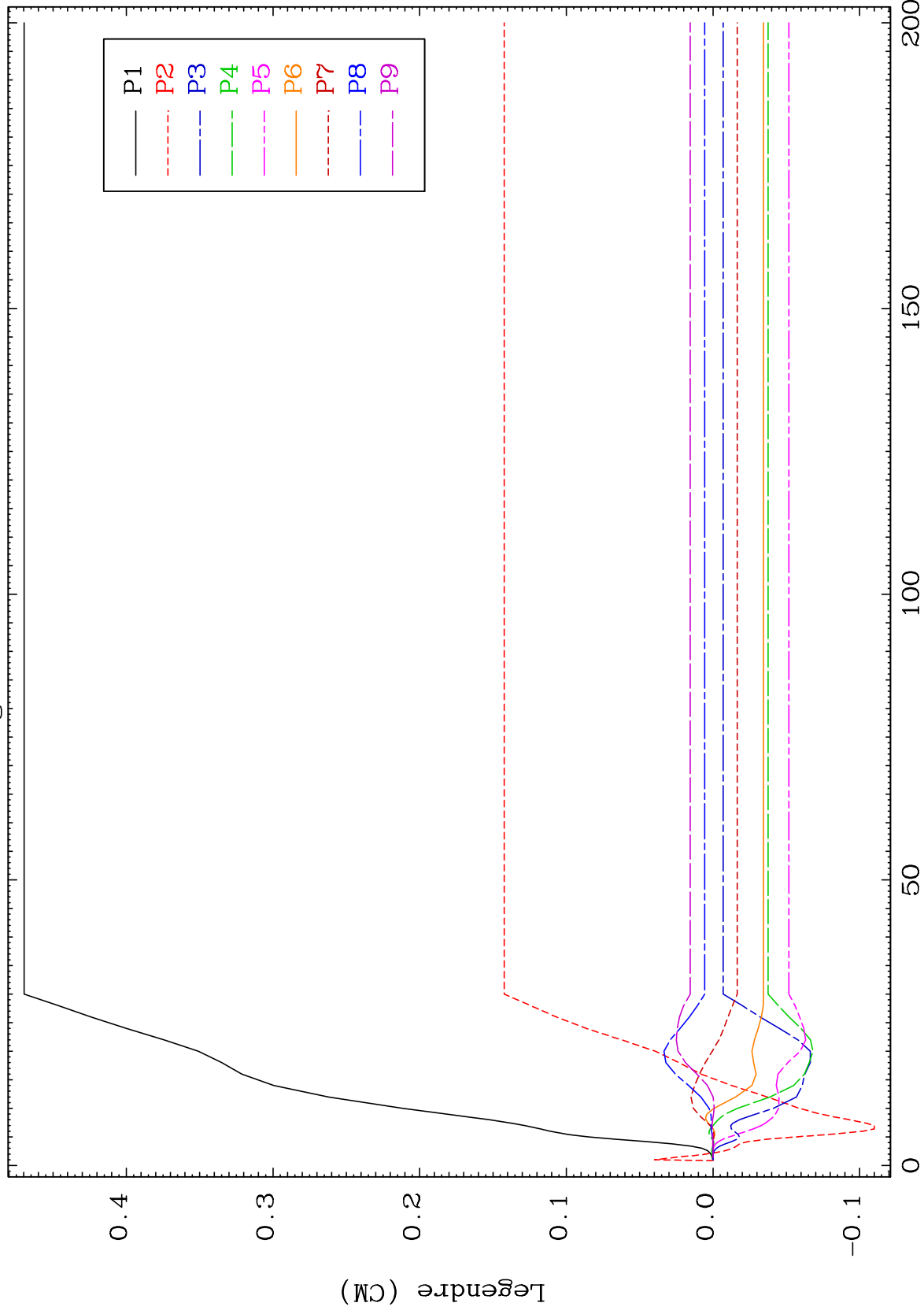




MAT 5510

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

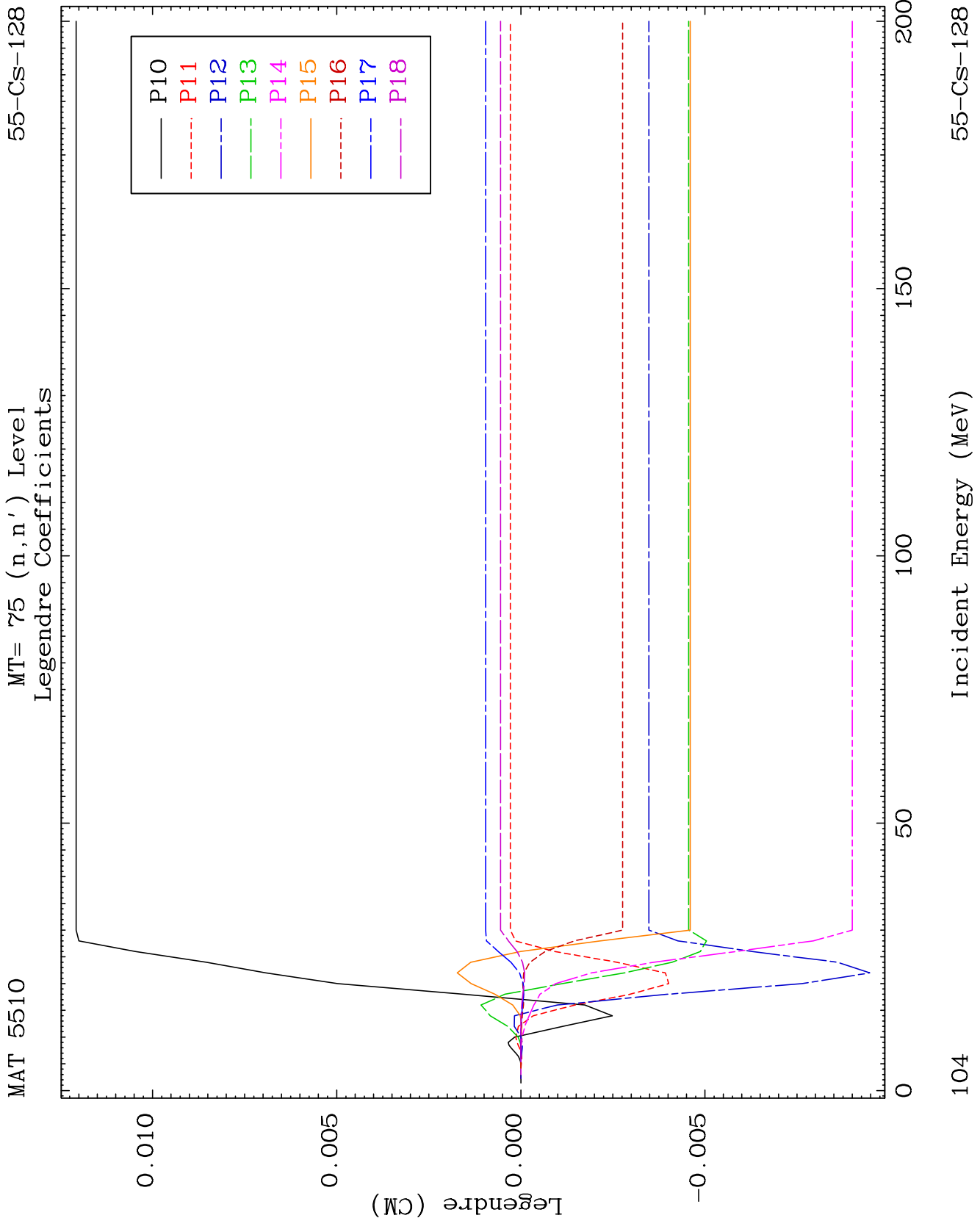
55-Cs-128



55-Cs-128

Incident Energy (MeV)

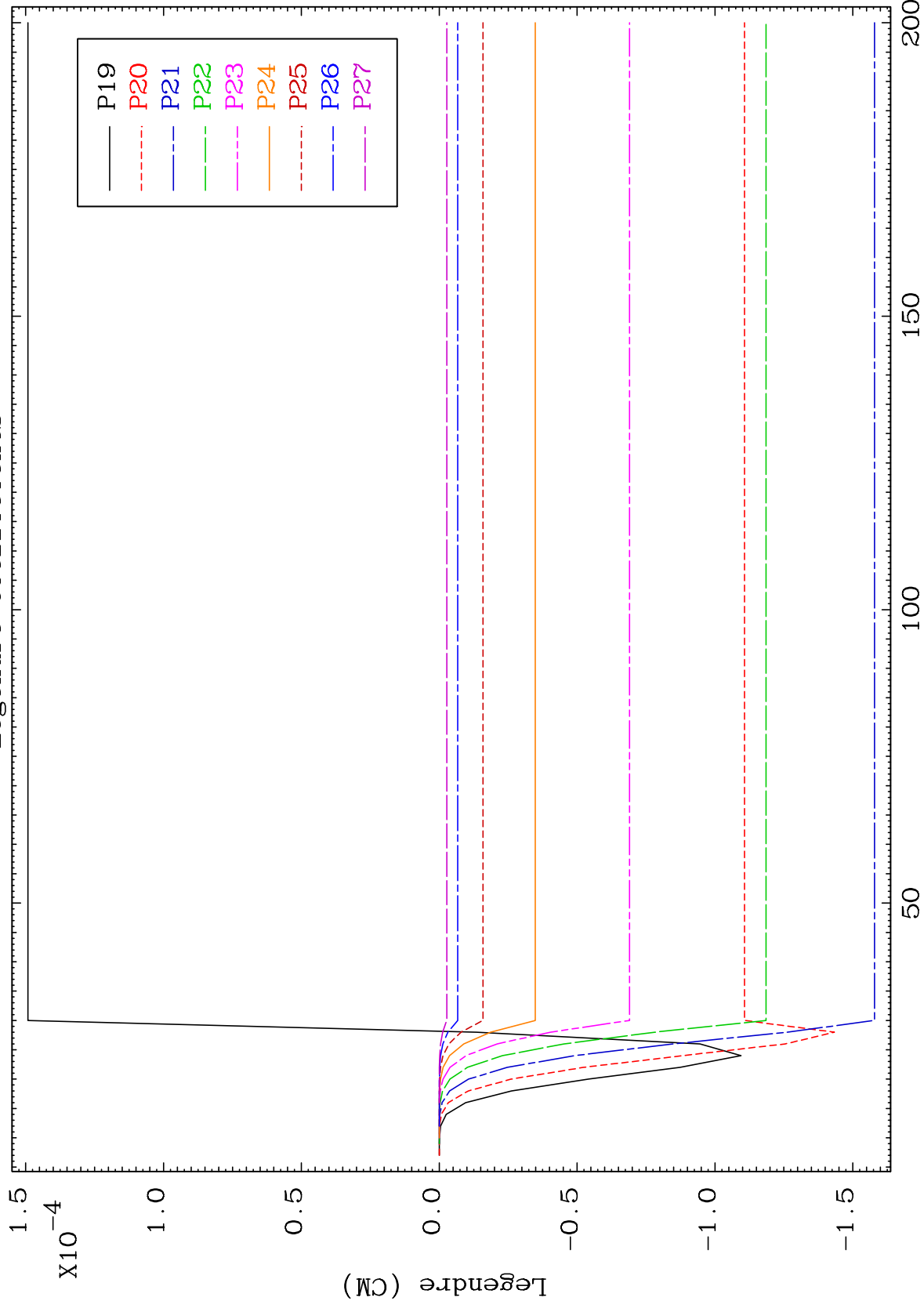
103



MAT 5510

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

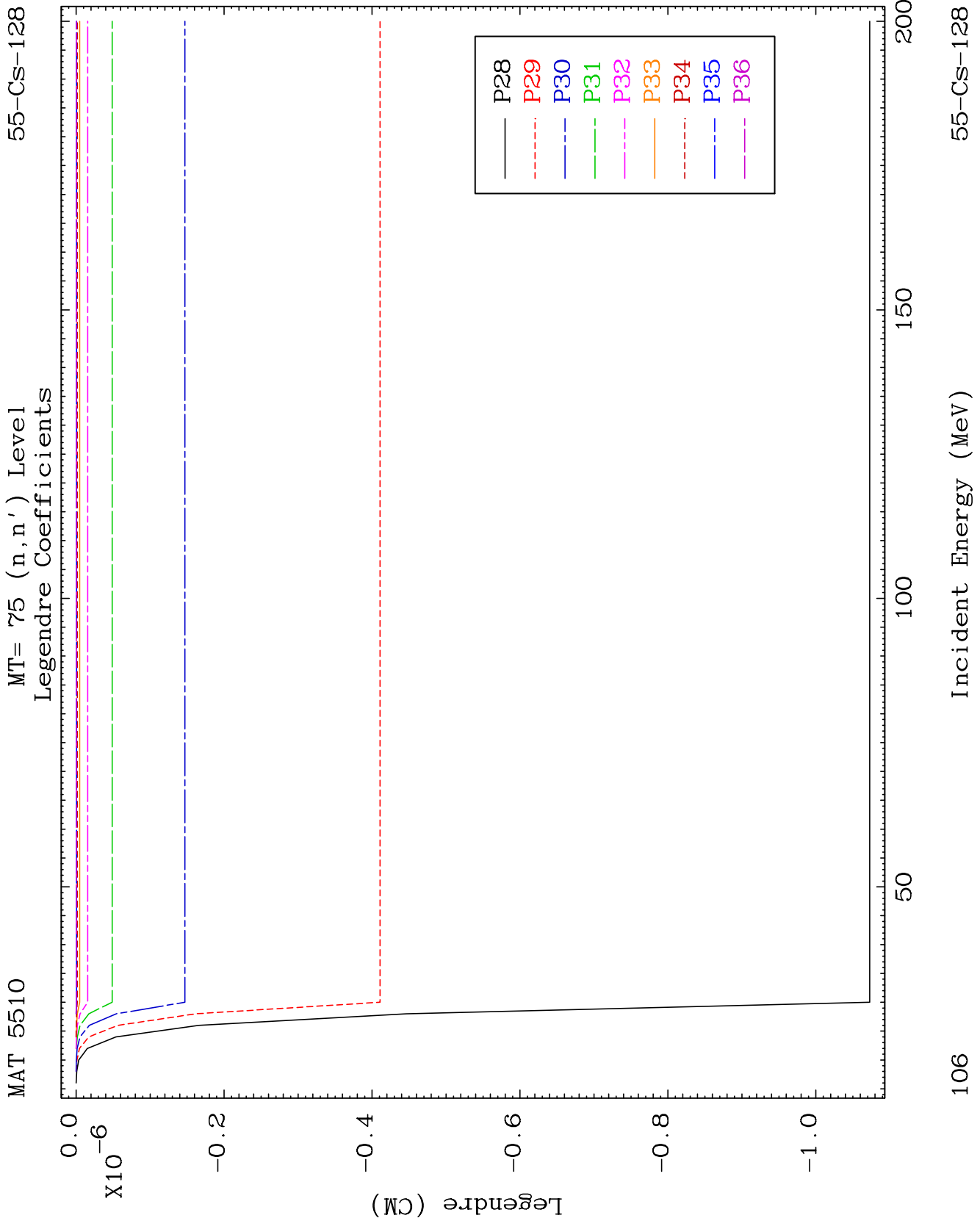
55-Cs-128

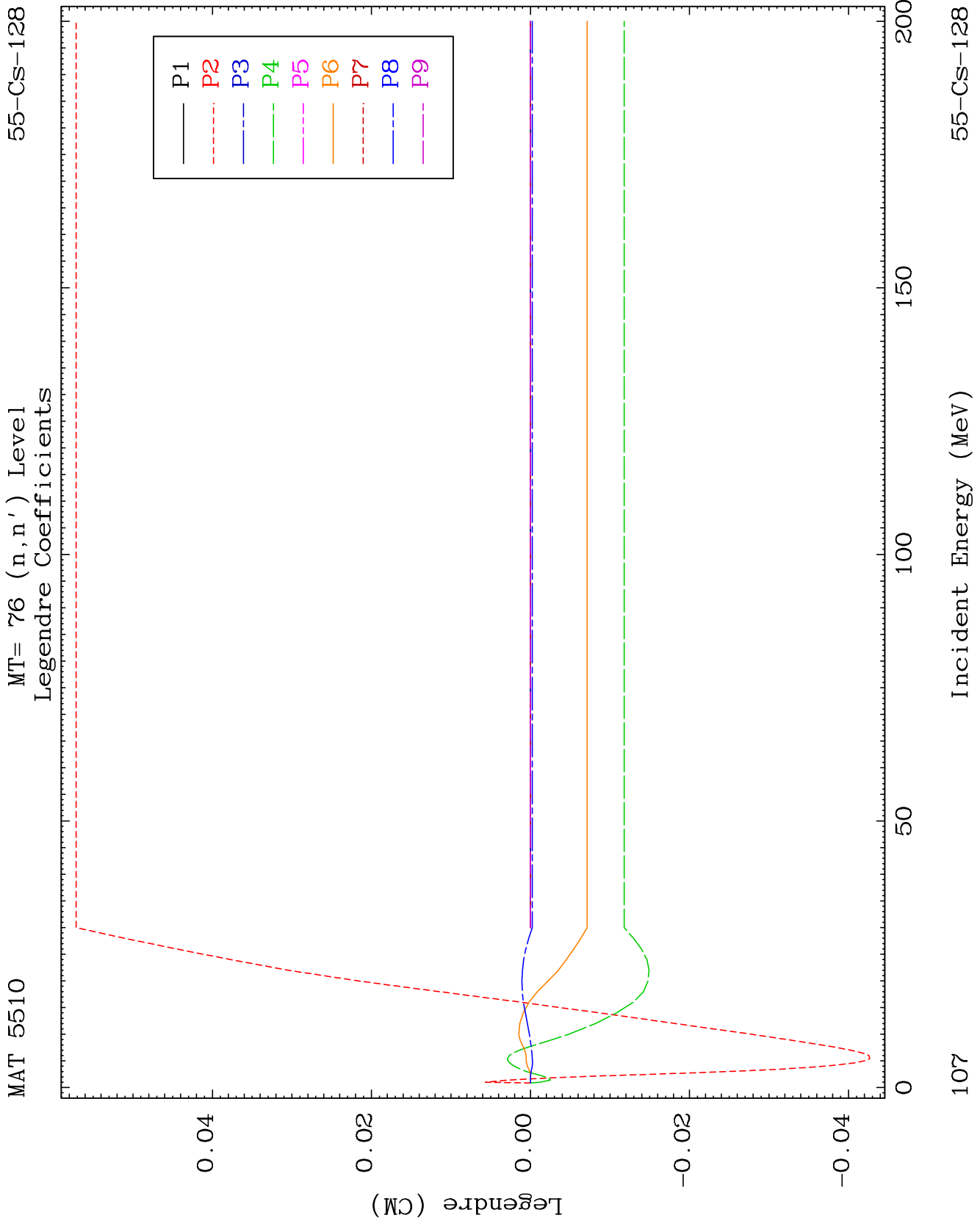


105

Incident Energy (MeV)

55-Cs-128

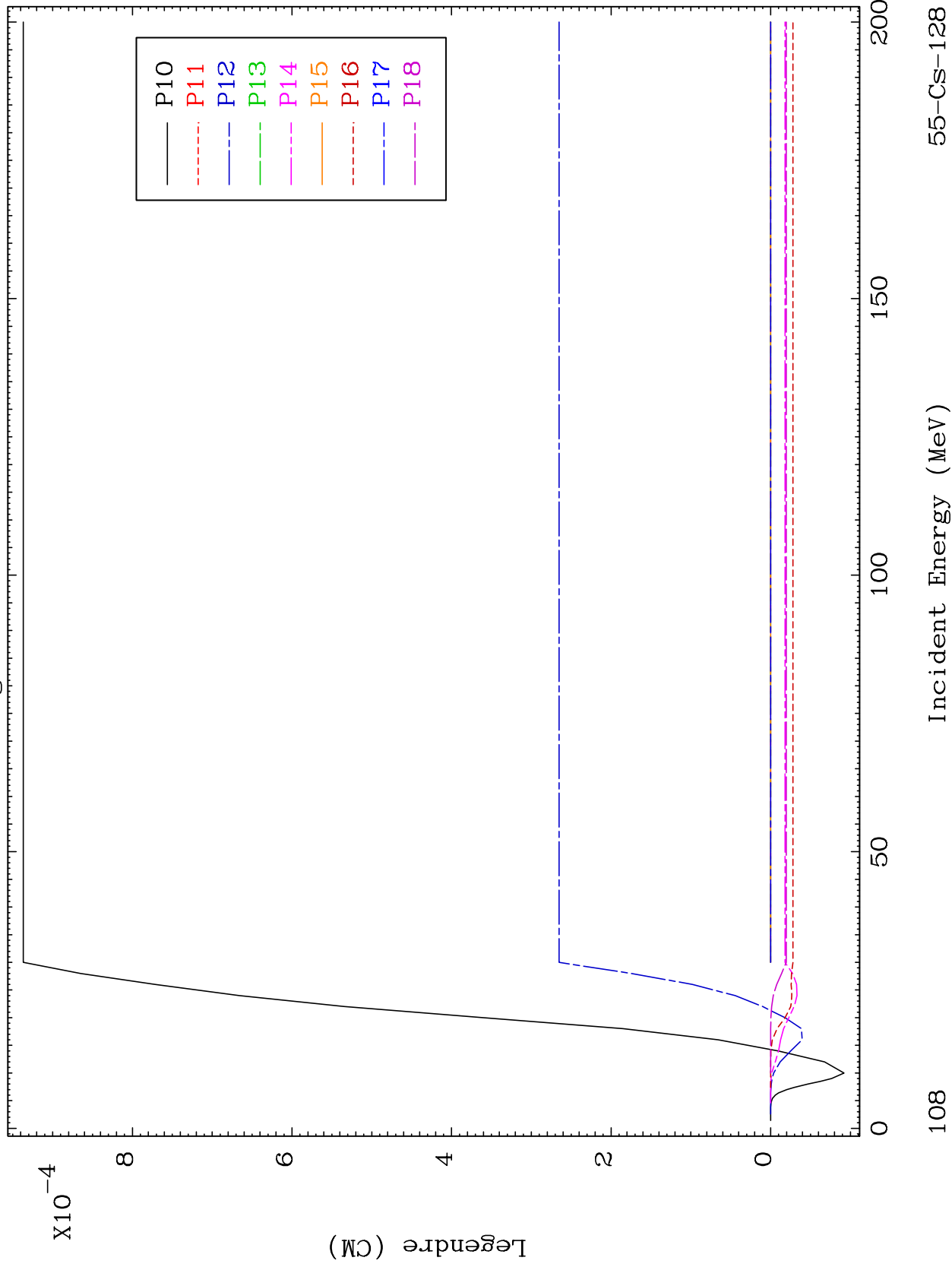


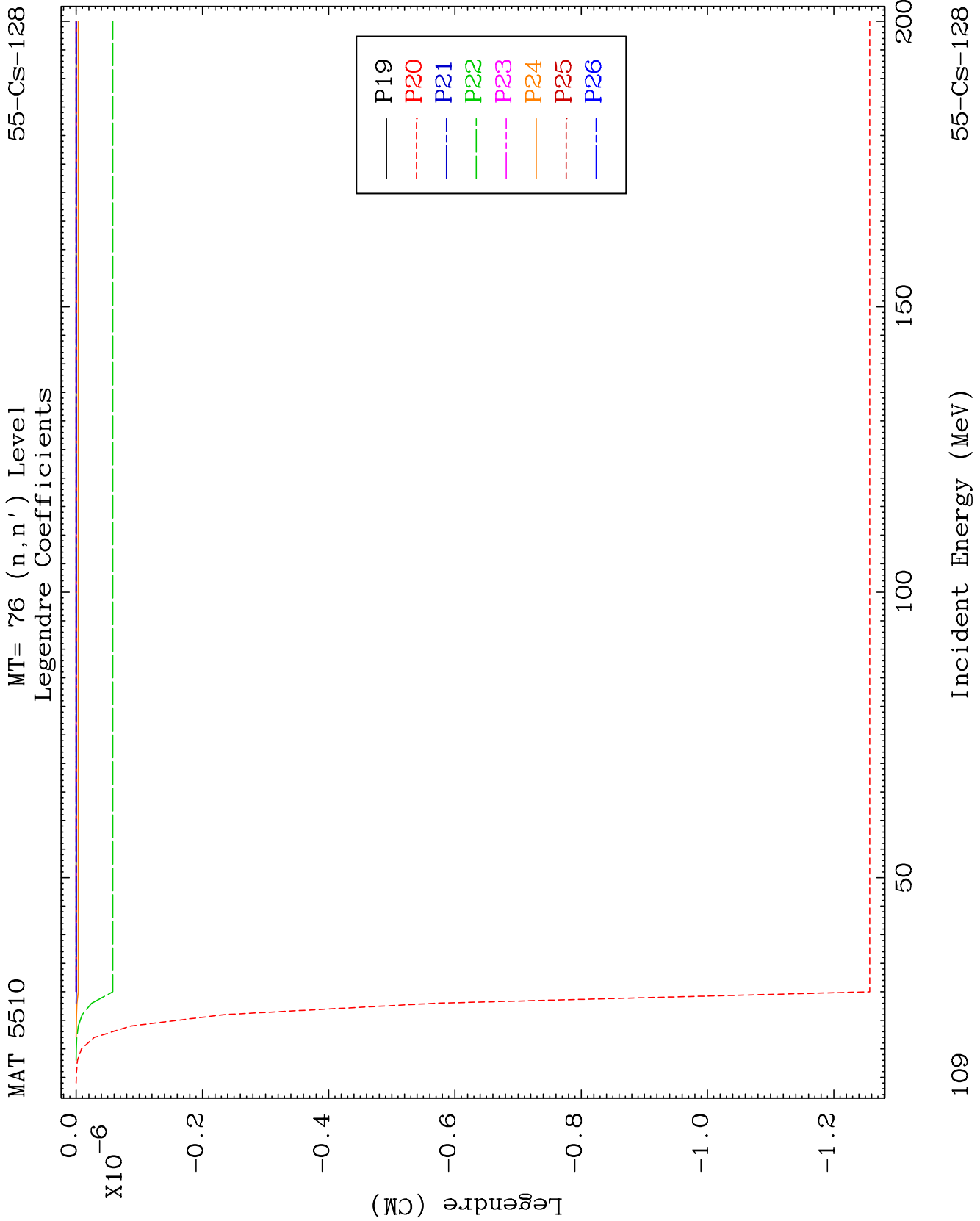


MAT 5510

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

55-Cs-128

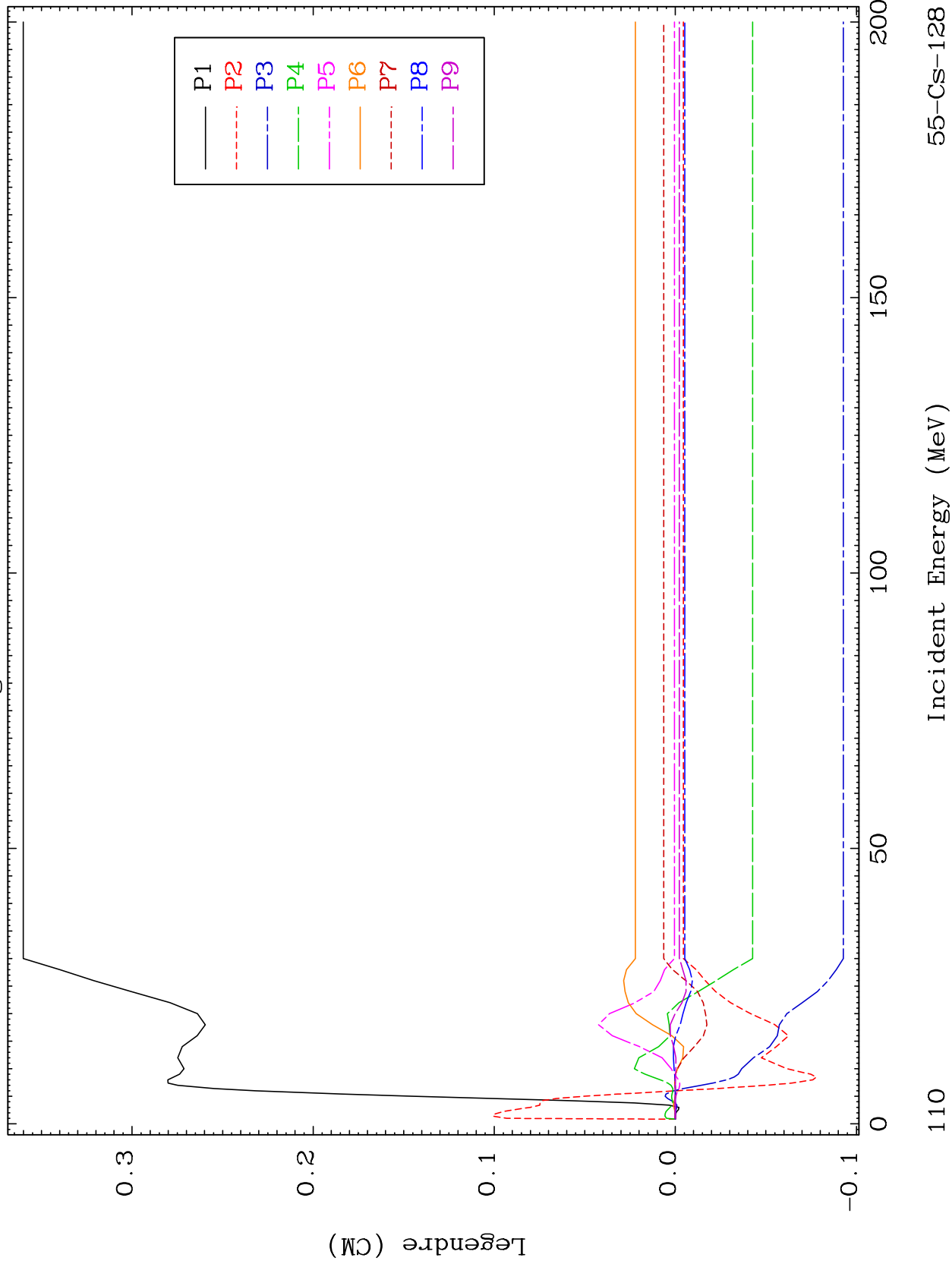




MAT 5510

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

55-Cs-128



55-Cs-128

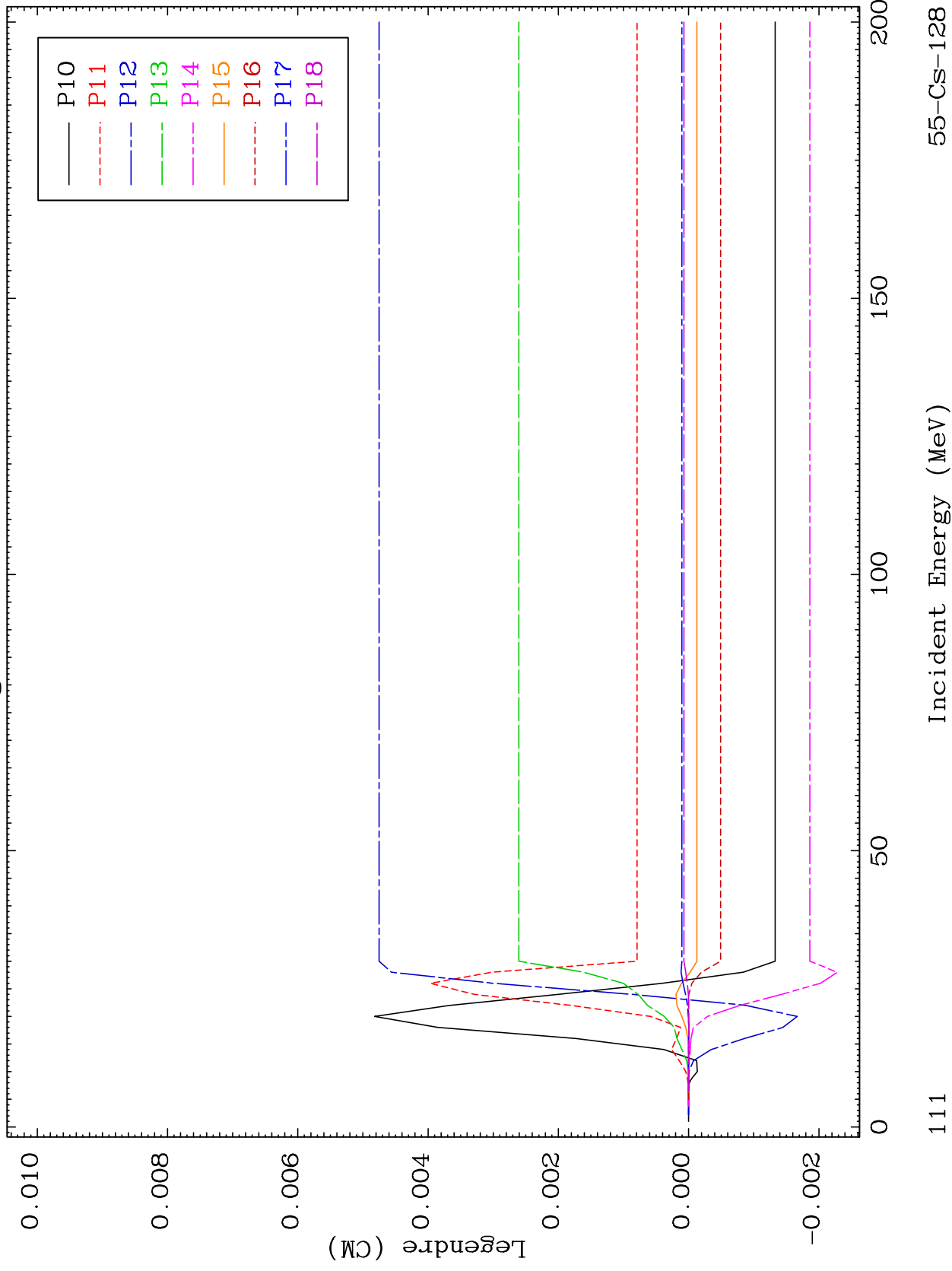
Incident Energy (MeV)

110

MAT 5510

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

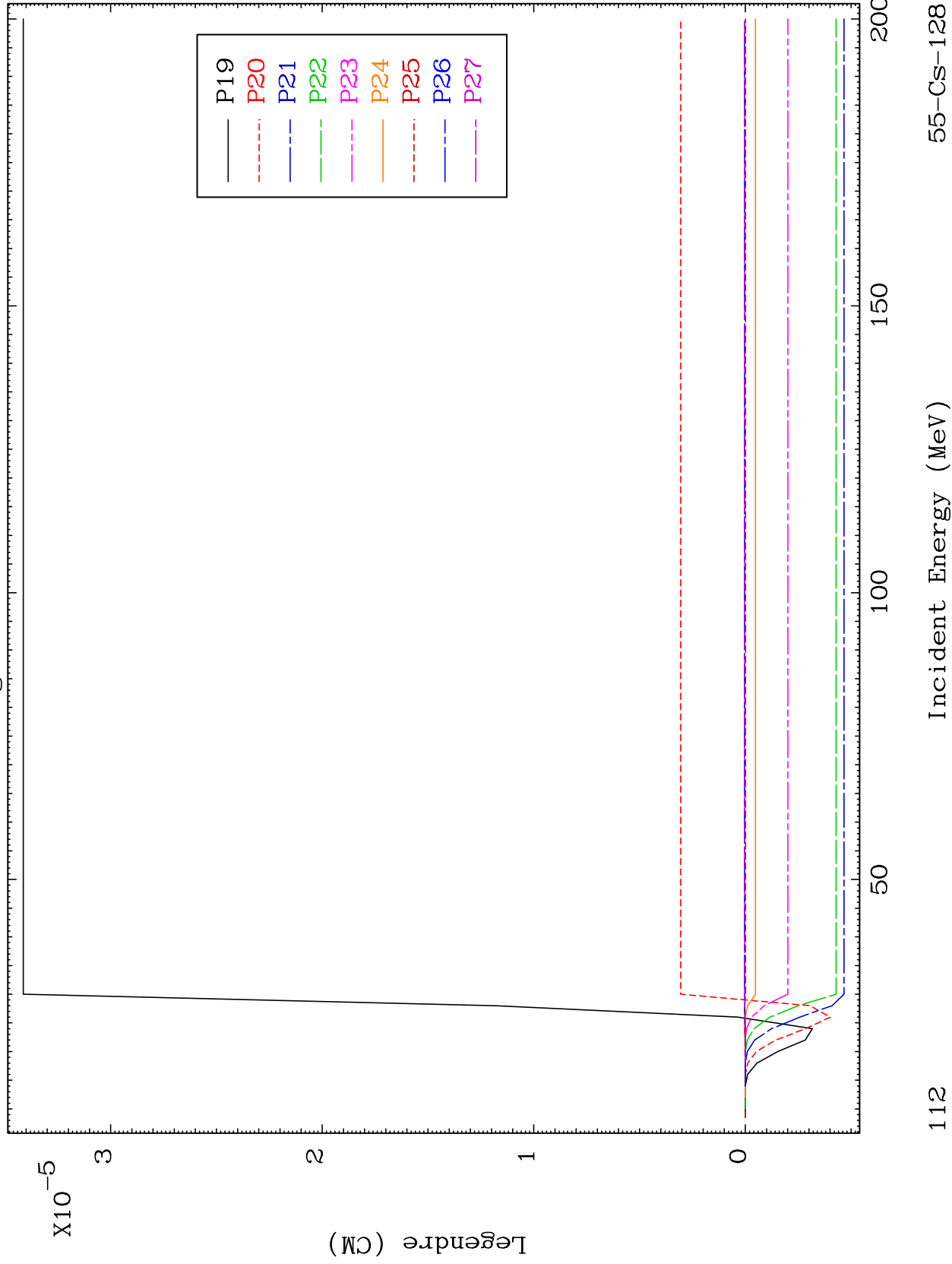
55-Cs-128



MAT 5510

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

55-Cs-128

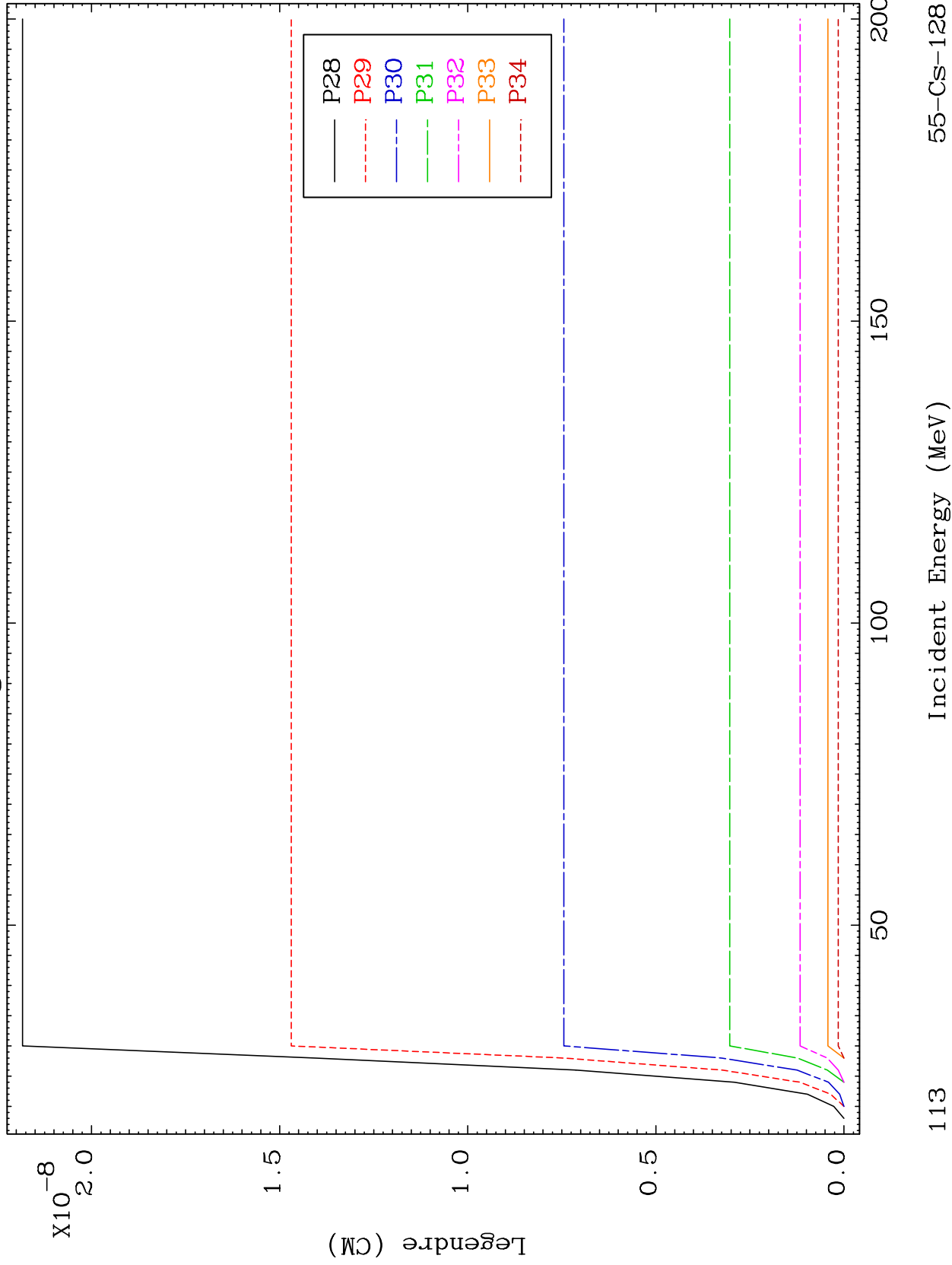


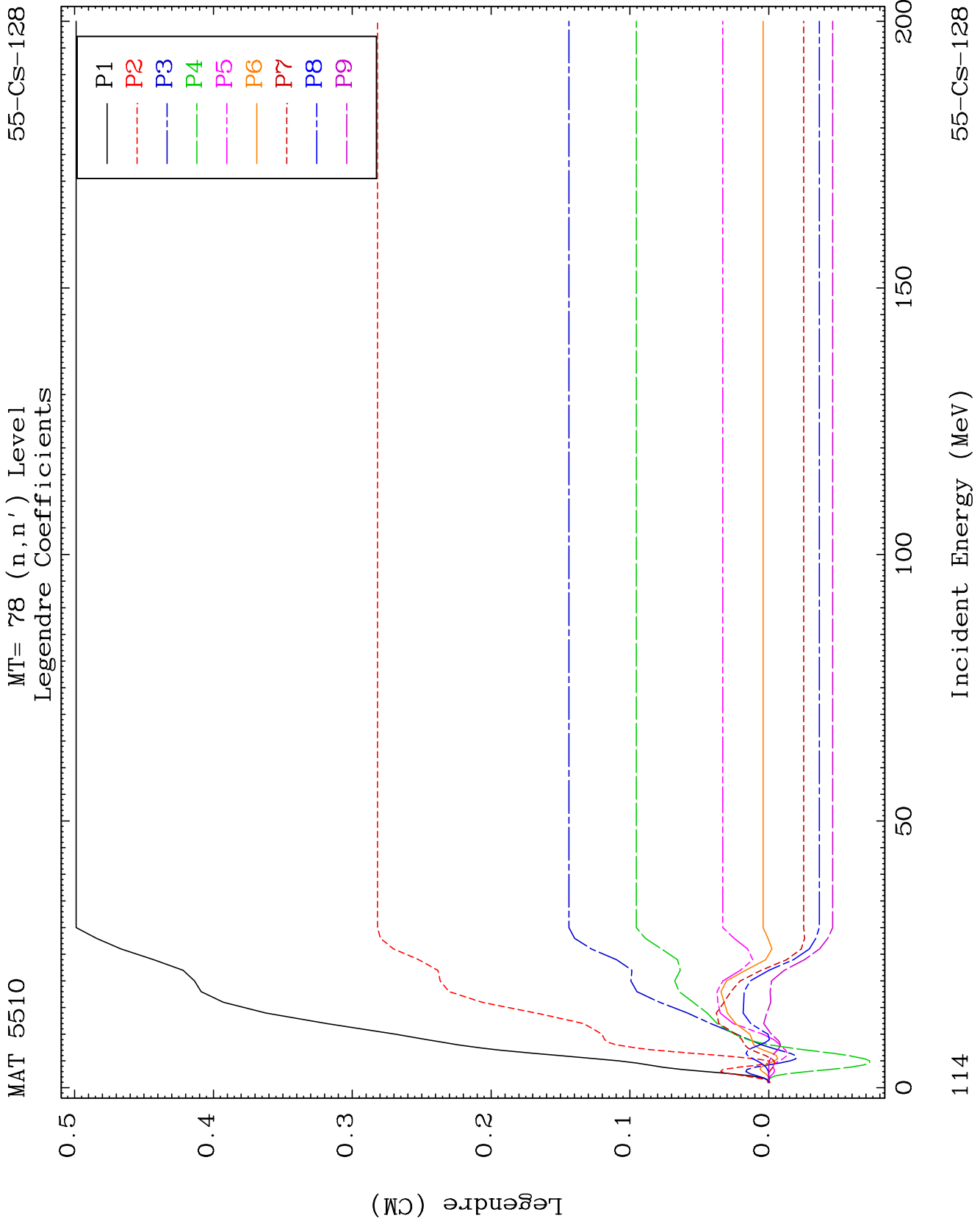
112

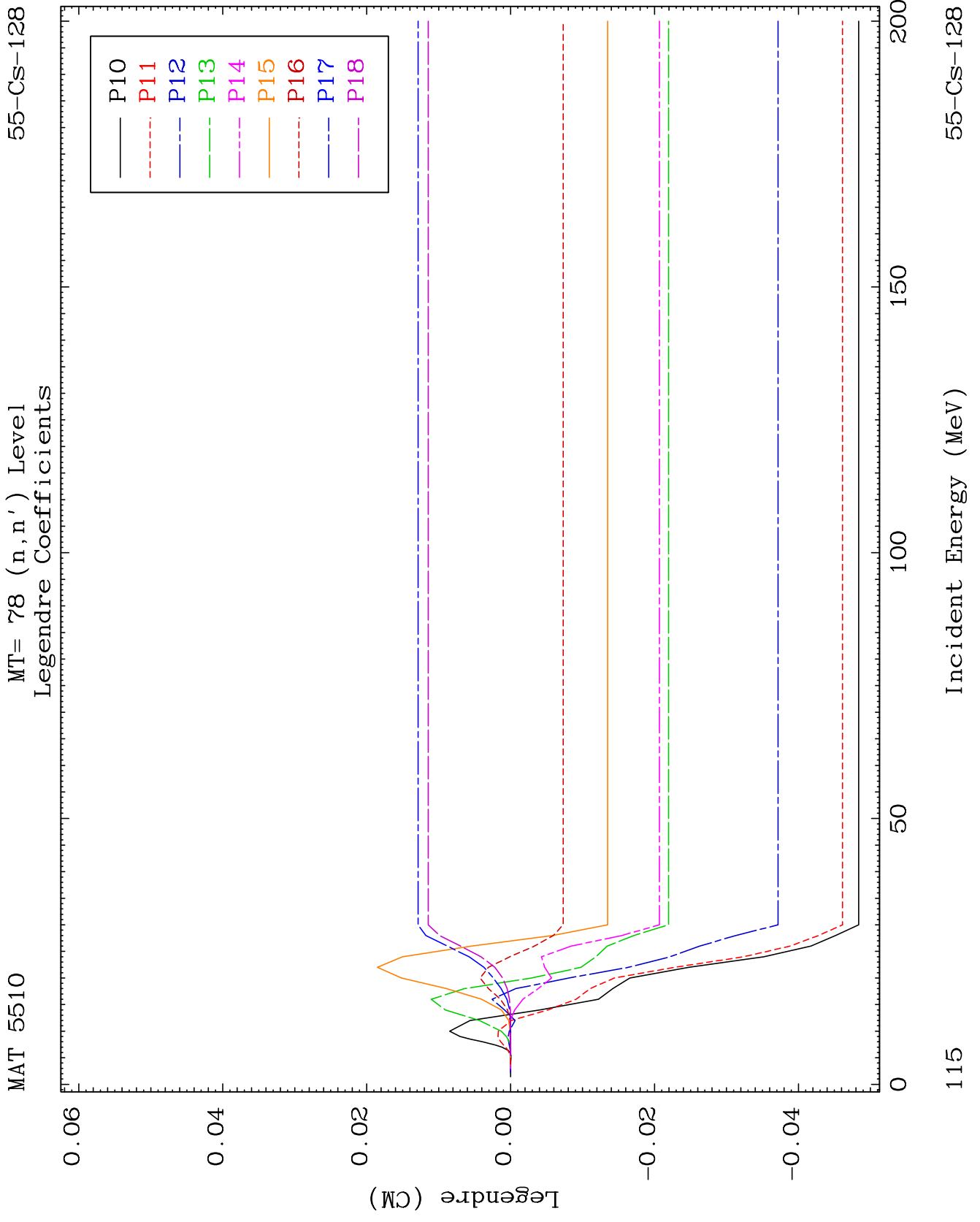
MAT 5510

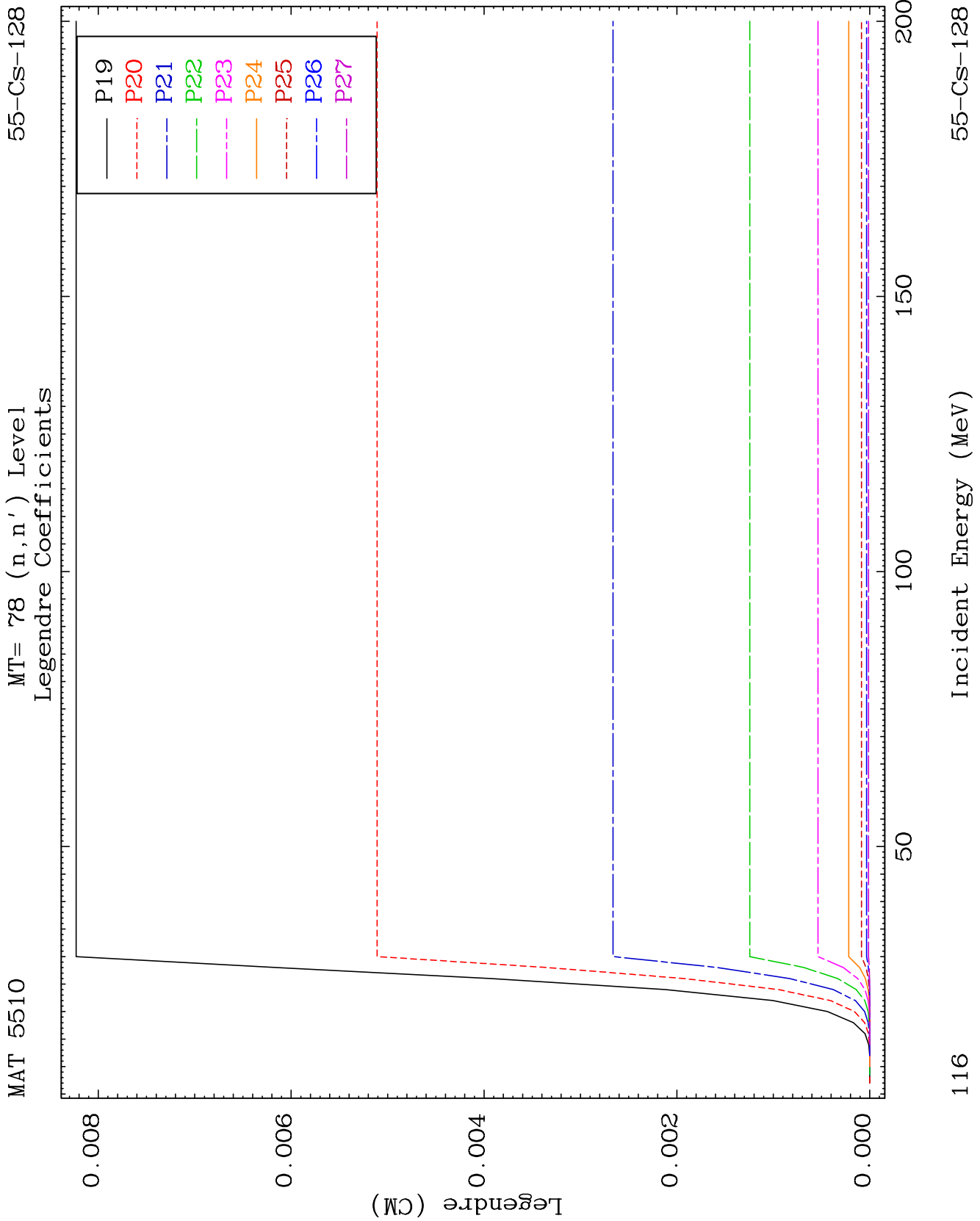
MT= 77 (n,n') Level
Legendre Coefficients

55-Cs-128





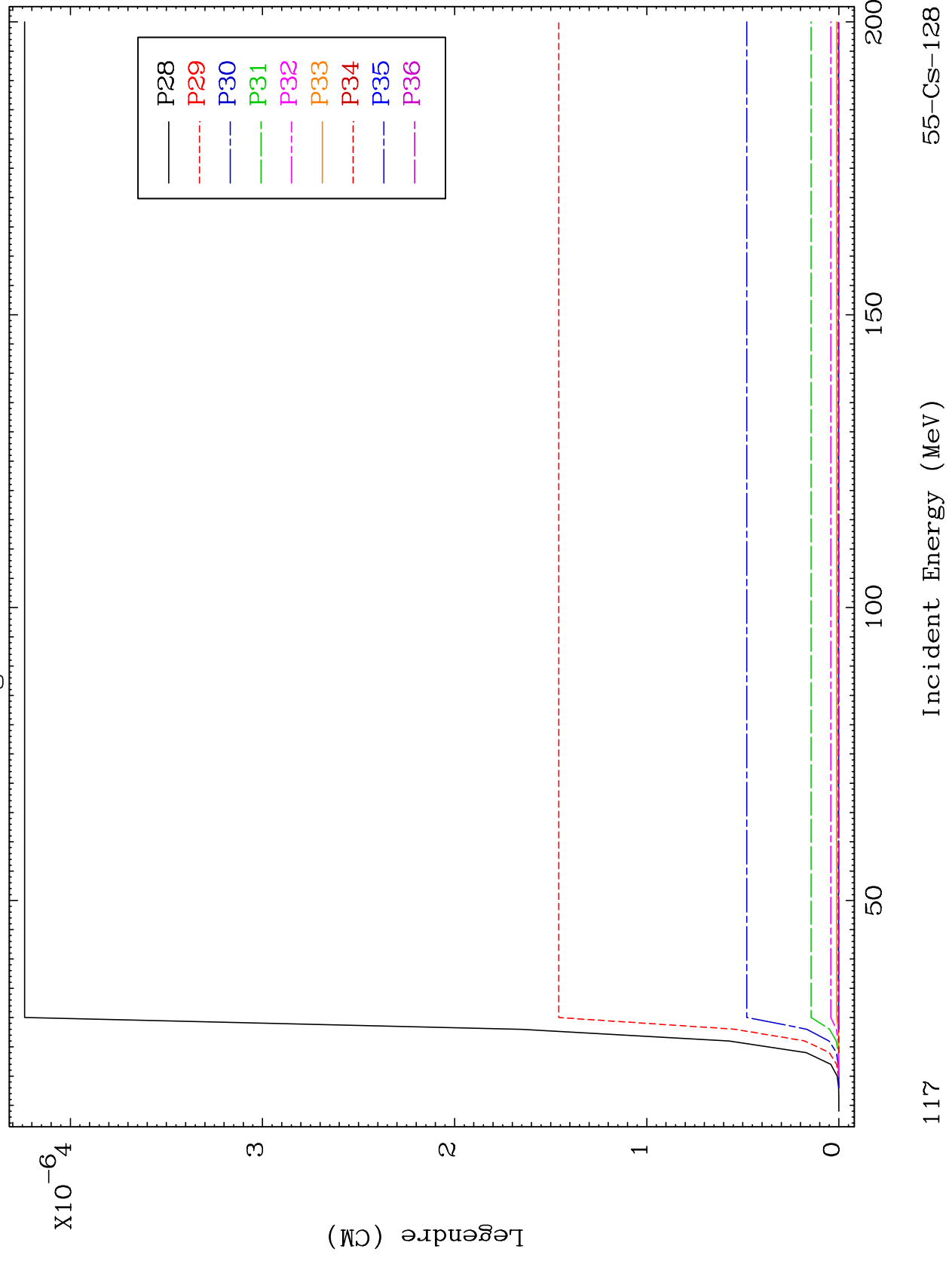




MAT 5510

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

55-Cs-128



55-Cs-128

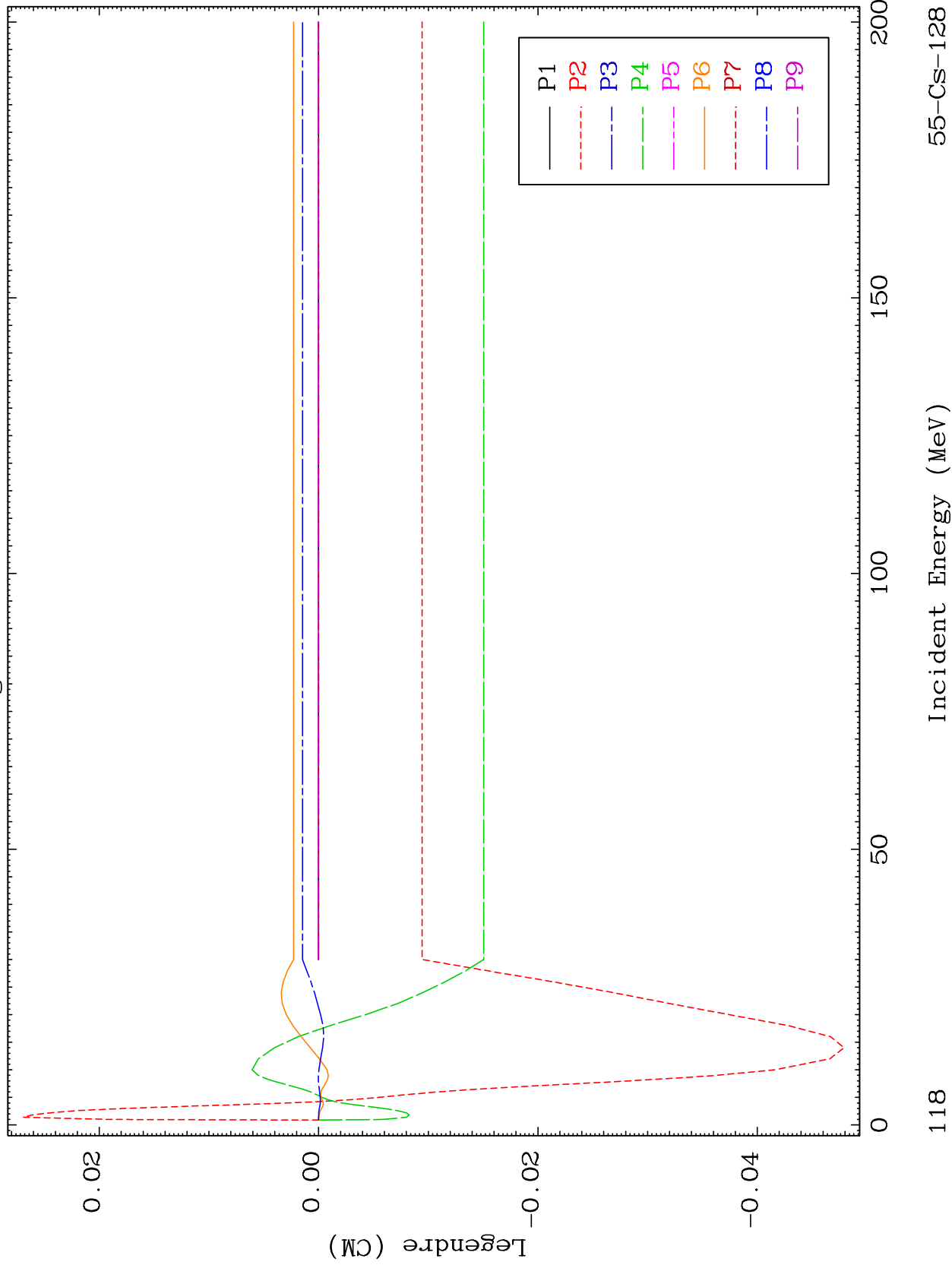
Incident Energy (MeV)

117

MAT 5510

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

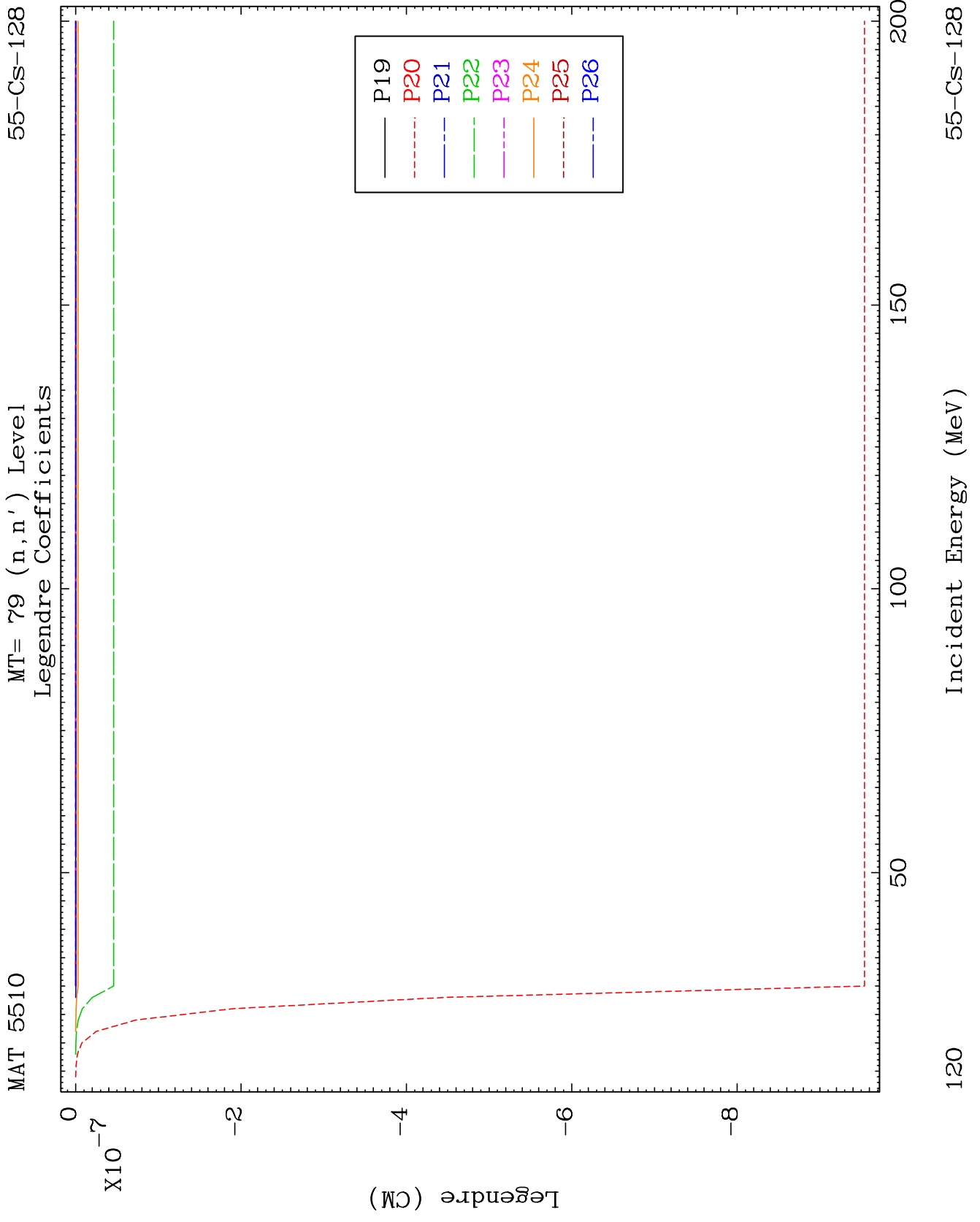
55-Cs-128

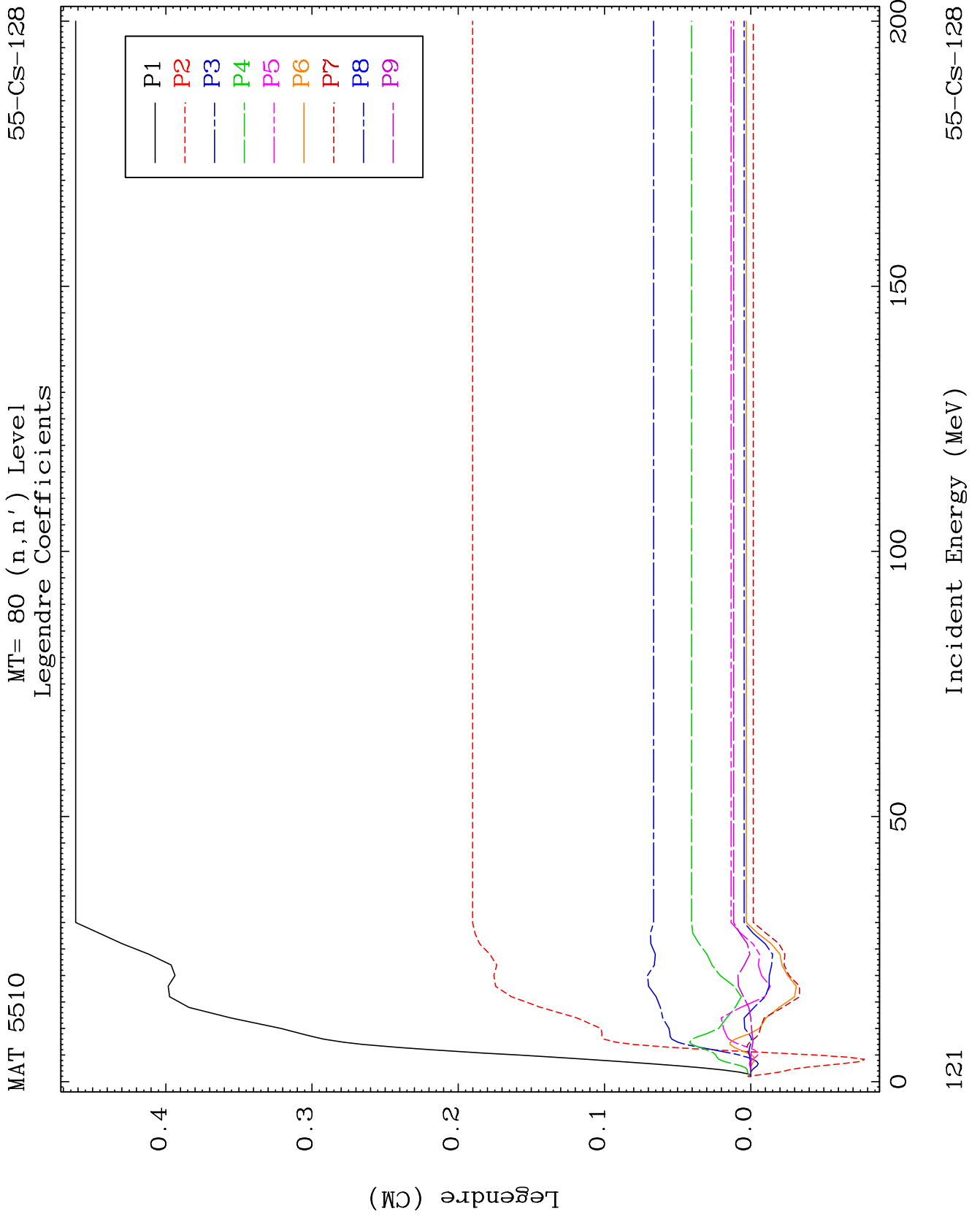


55-Cs-128

Incident Energy (MeV)

118

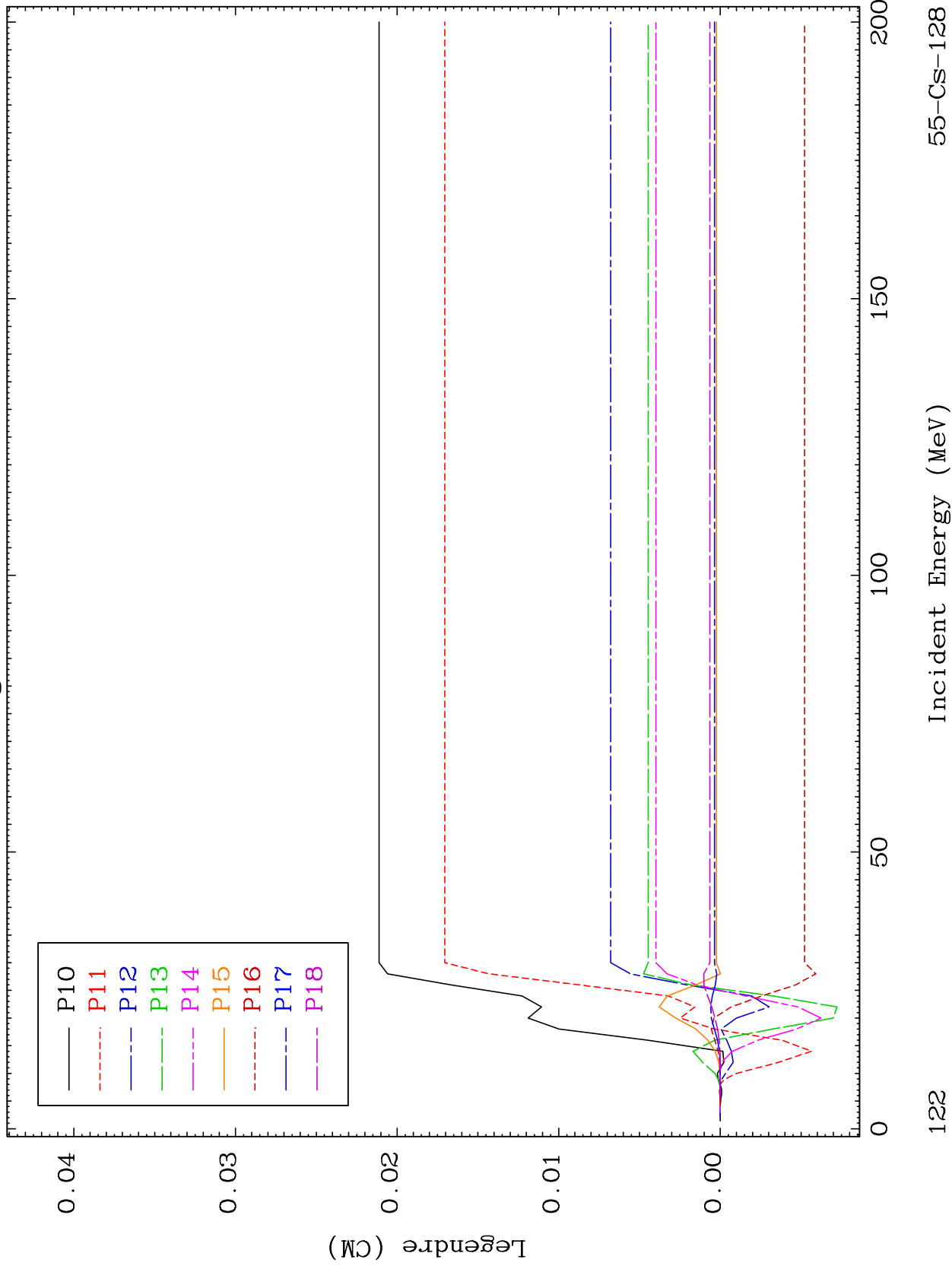




MAT 5510

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

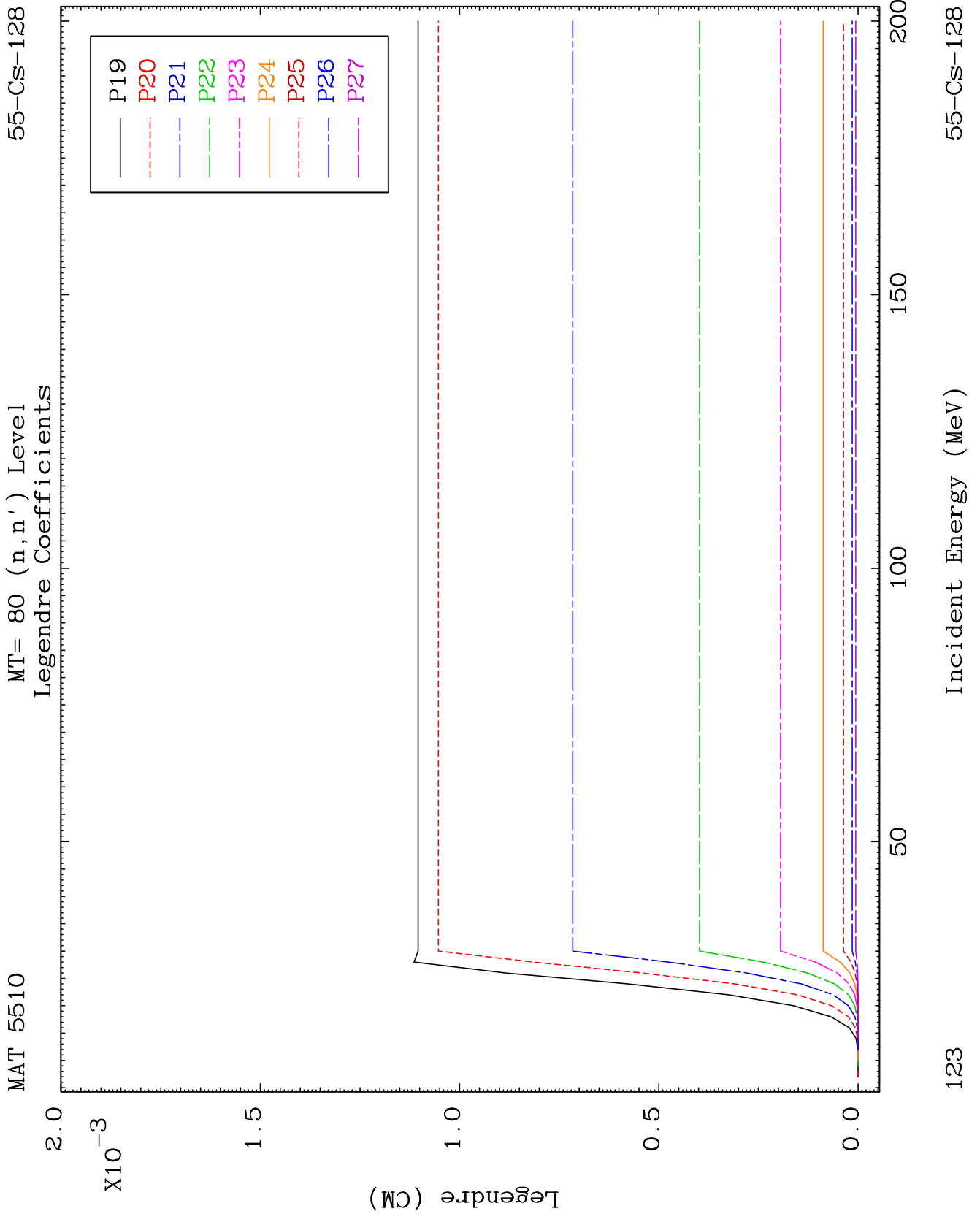
55-Cs-128

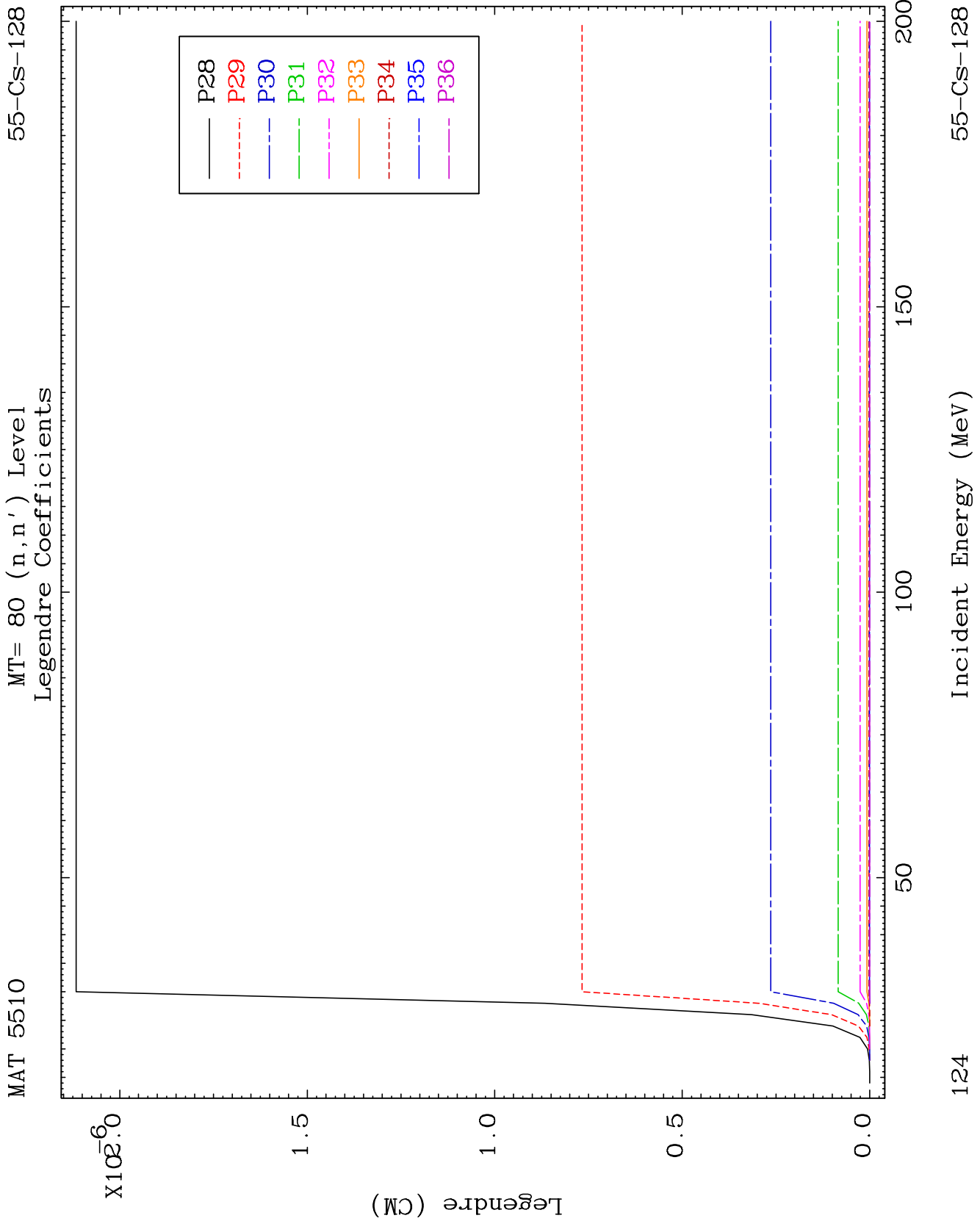


55-Cs-128

Incident Energy (MeV)

122



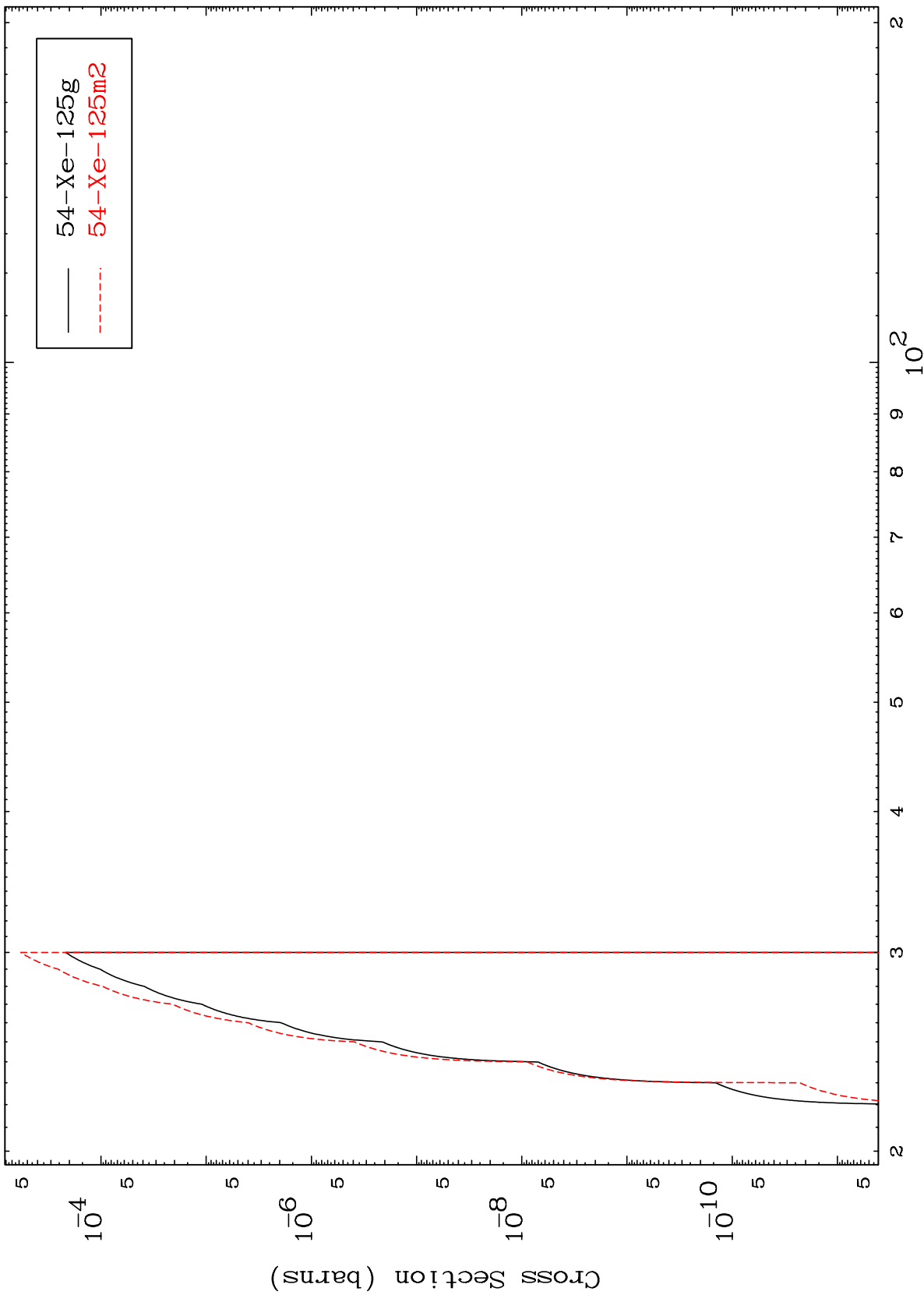


MAT 5510

(n,2n) d

55-Cs-128

Radionuclide Production Cross Section



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

125

Incident Energy (MeV)

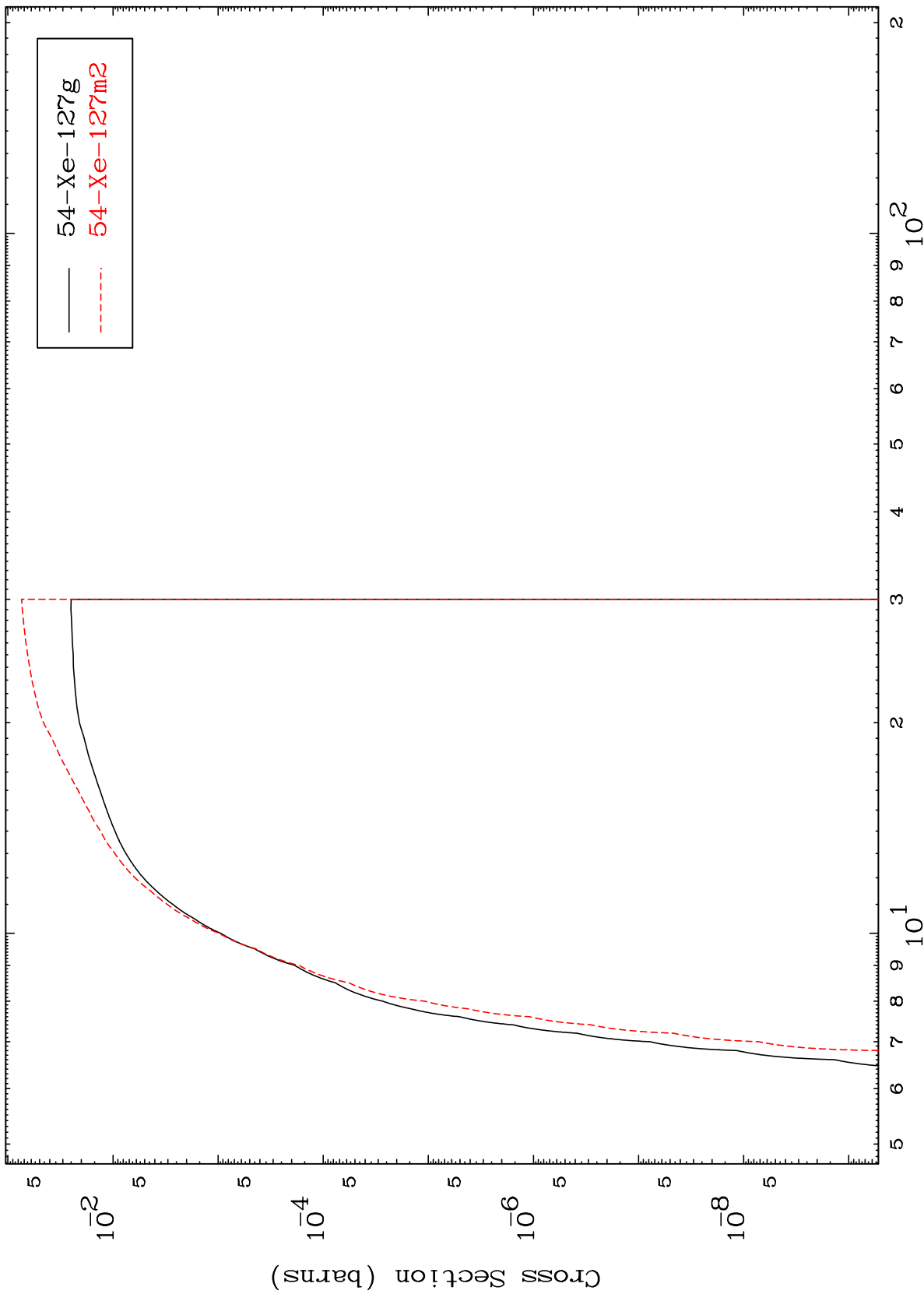
55-Cs-128

MAT 5510

55-Cs-128

(n,n') p

Radionuclide Production Cross Section



126

Incident Energy (MeV)

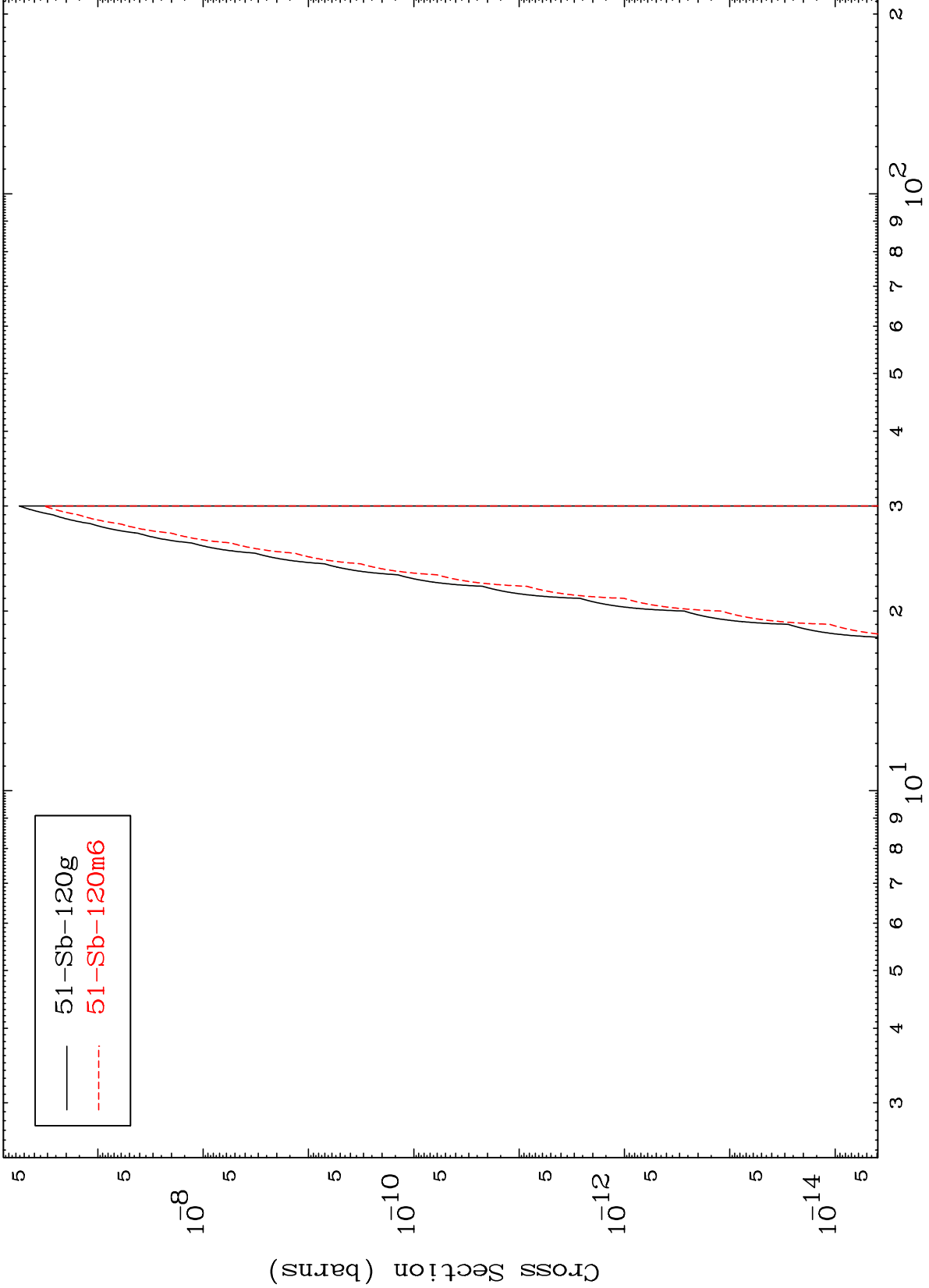
55-Cs-128

MAT 5510

(n,n') 2α

55-Cs-128

Radionuclide Production Cross Section



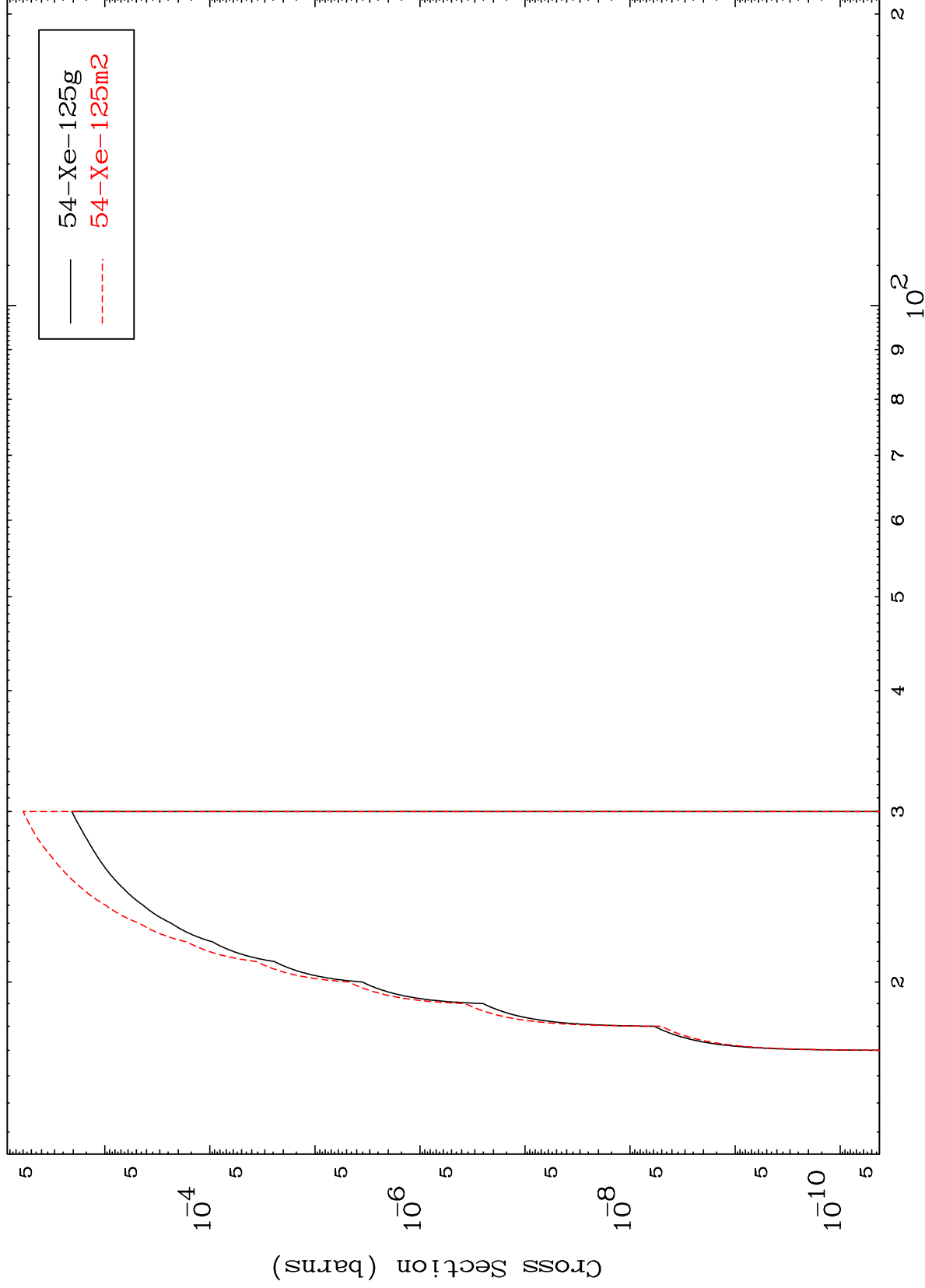
51-Sb-120g
51-Sb-120m6

127

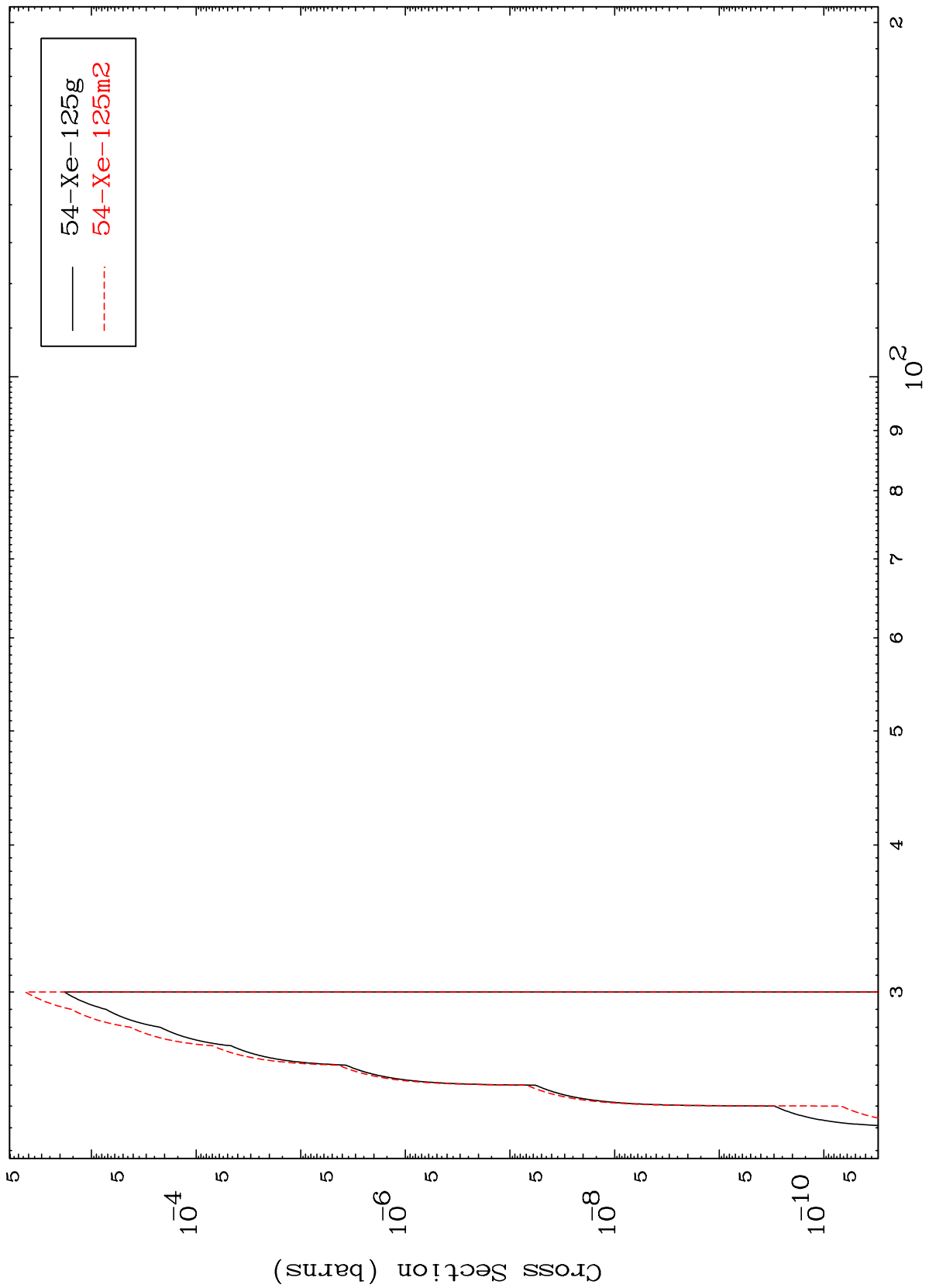
Incident Energy (MeV)

55-Cs-128

Radionuclide Production Cross Section



Radionuclide Production Cross Section

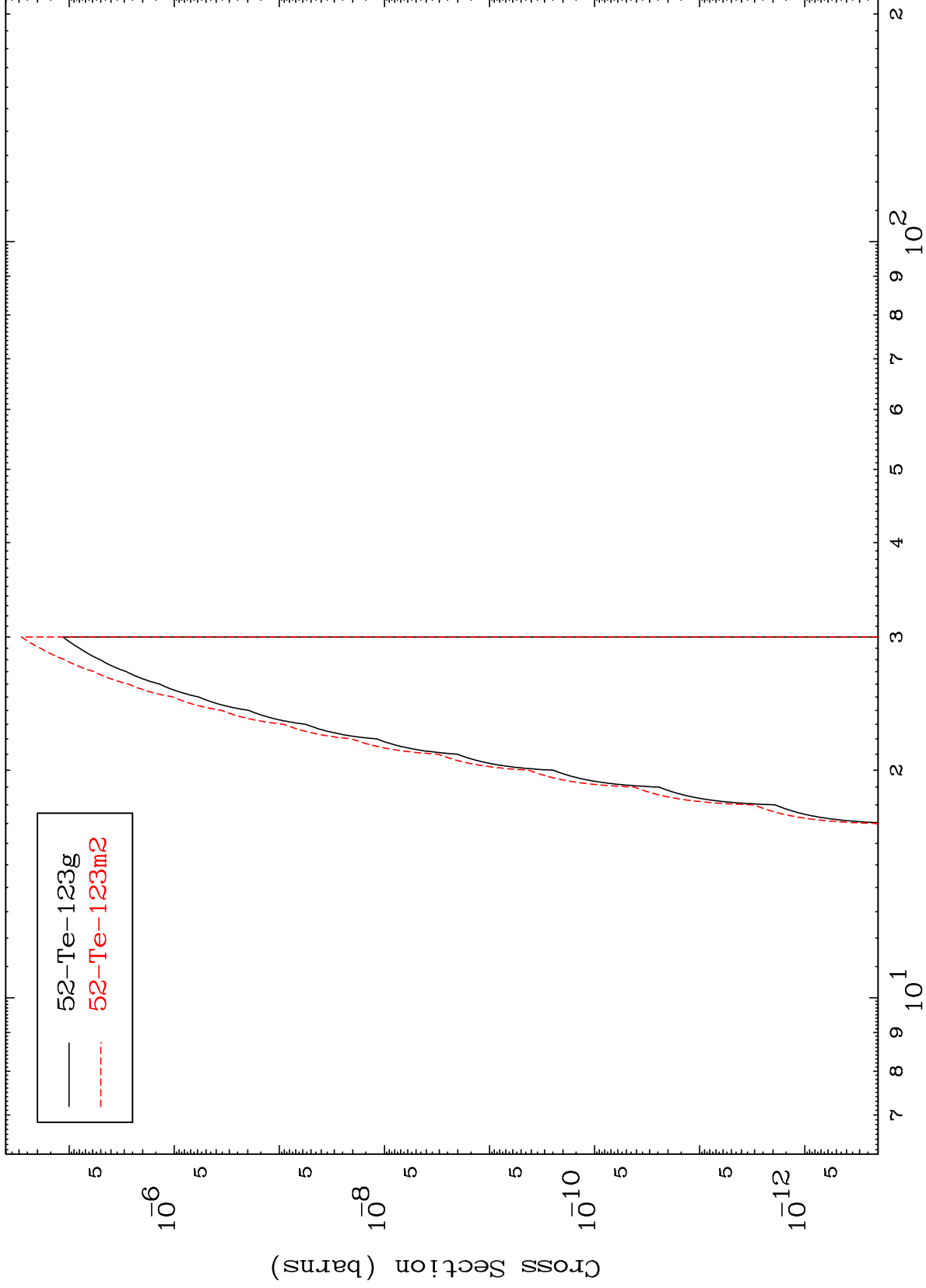


MAT 5510

(n,n') p α

55-Cs-128

Radionuclide Production Cross Section



130

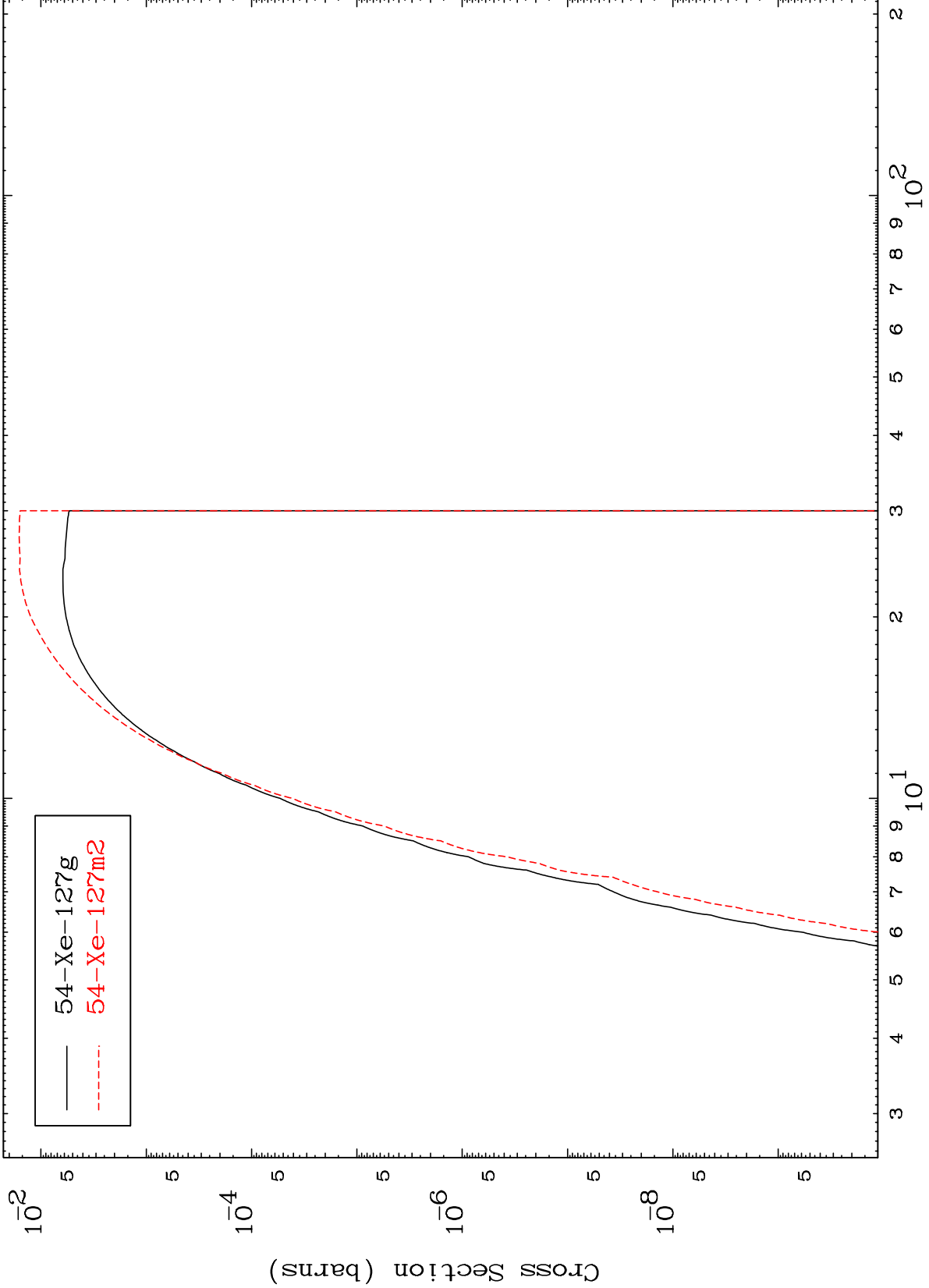
Incident Energy (MeV)

55-Cs-128

MAT 5510

55-Cs-128

(n,d)
Radionuclide Production Cross Section



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

55-Cs-128

Incident Energy (MeV)

131

