

Program EVALPLOT
(Version 2018-1)

by

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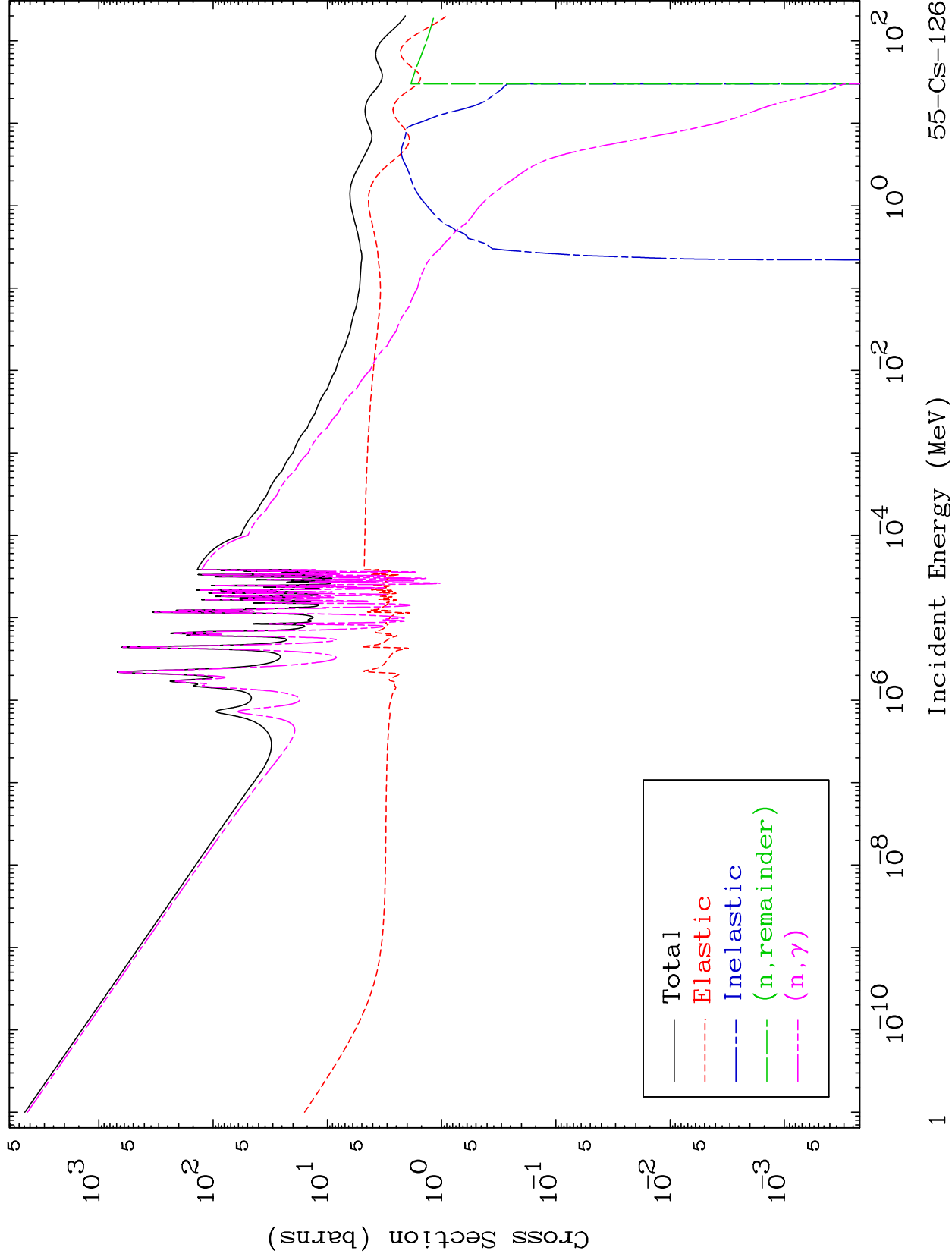
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5504

Major
293 Kelvin Cross Sections

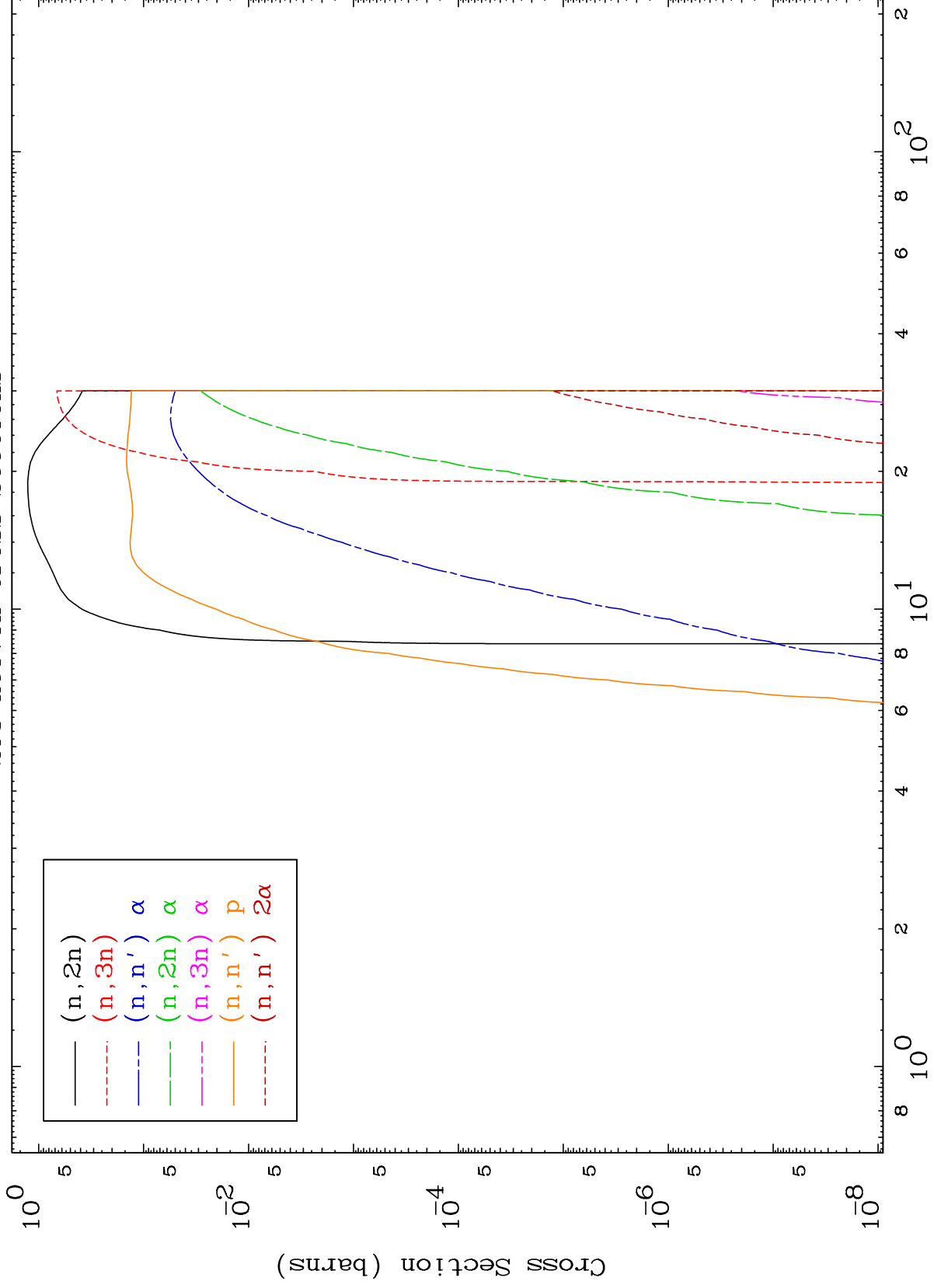
55-Cs-126



MAT 5504

Neutron Production
293 Kelvin Cross Sections

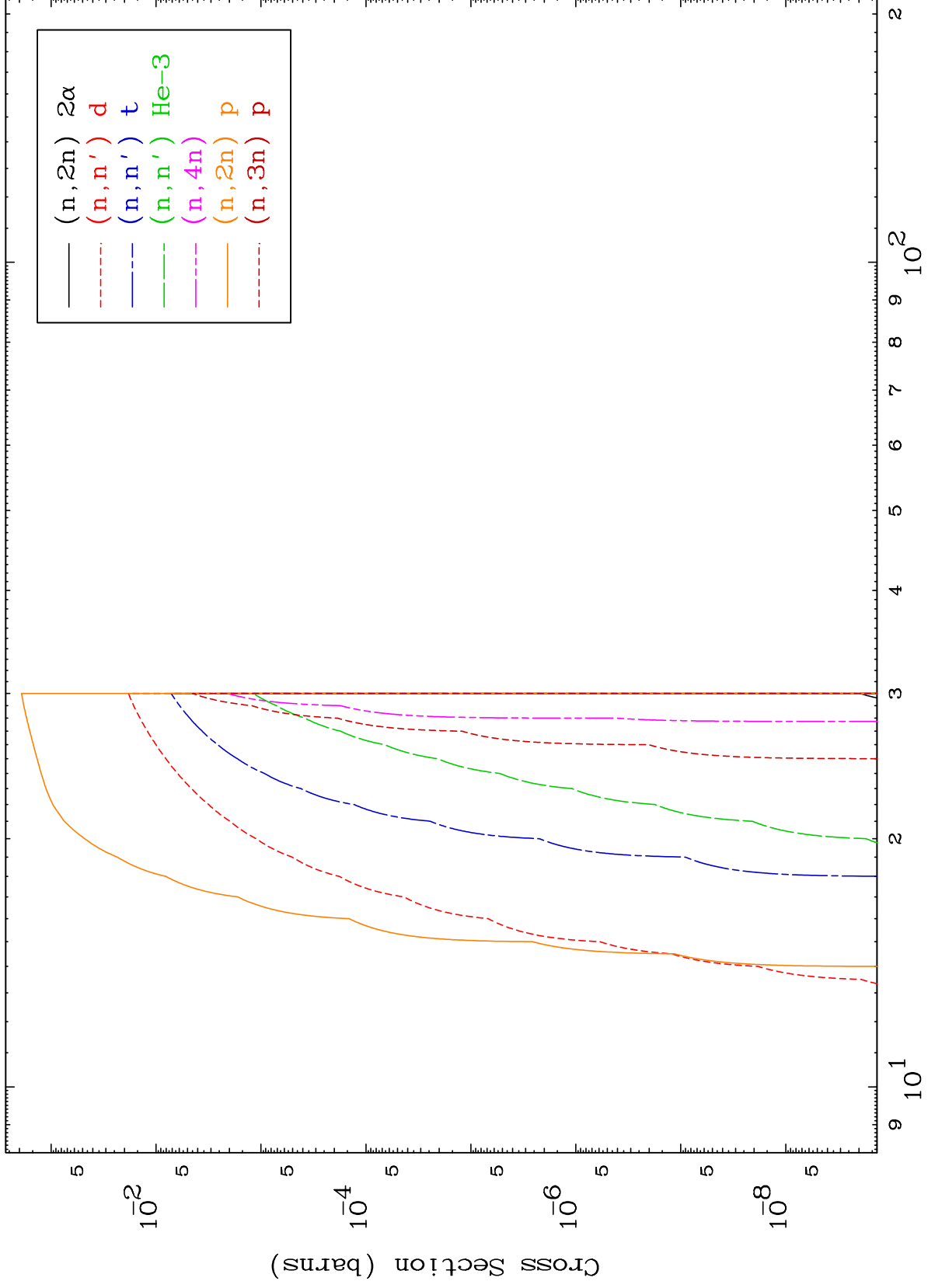
55-Cs-126



2

Incident Energy (MeV)

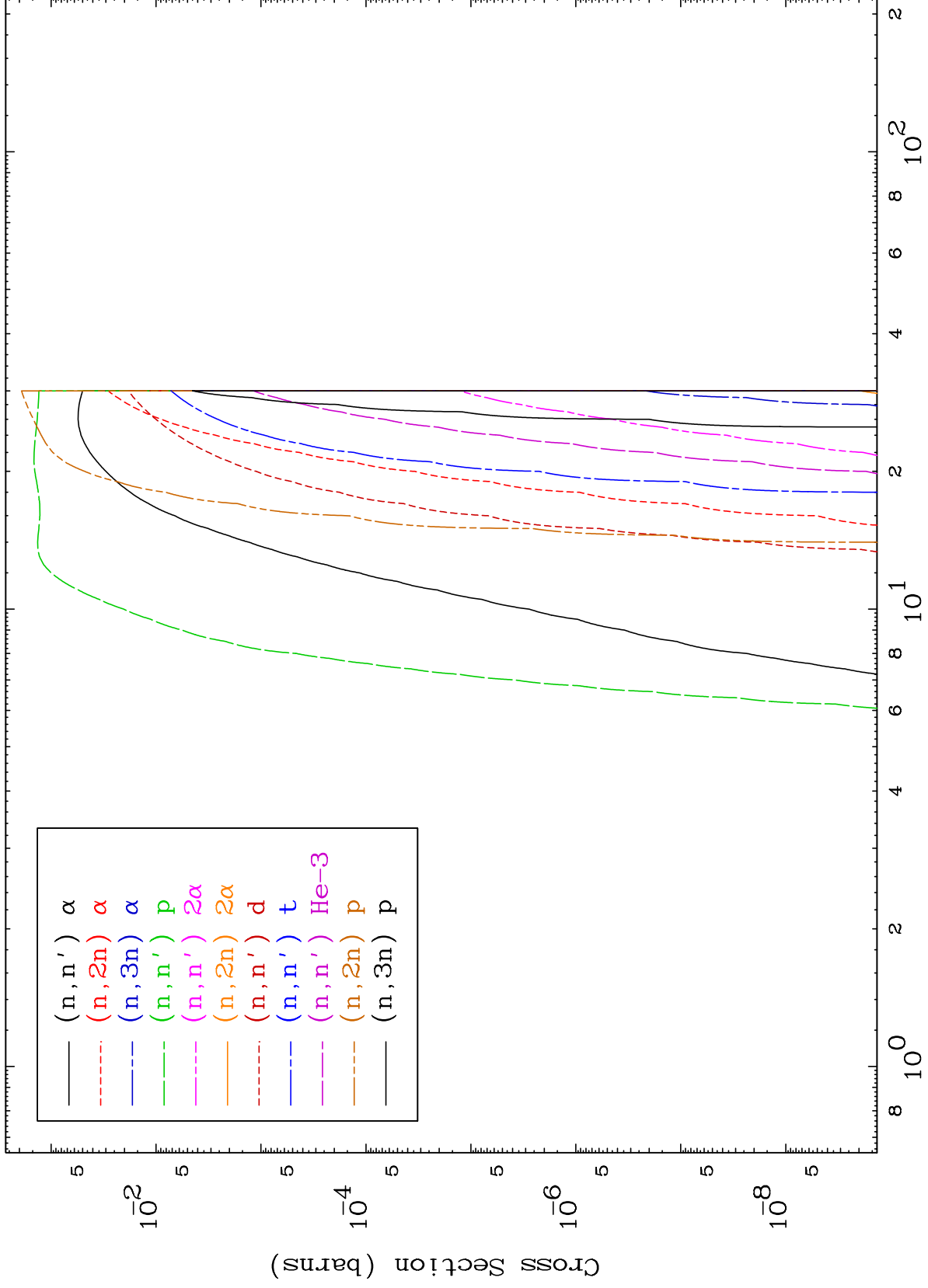
55-Cs-126



MAT 5504

Charged Particle
293 Kelvin Cross Sections

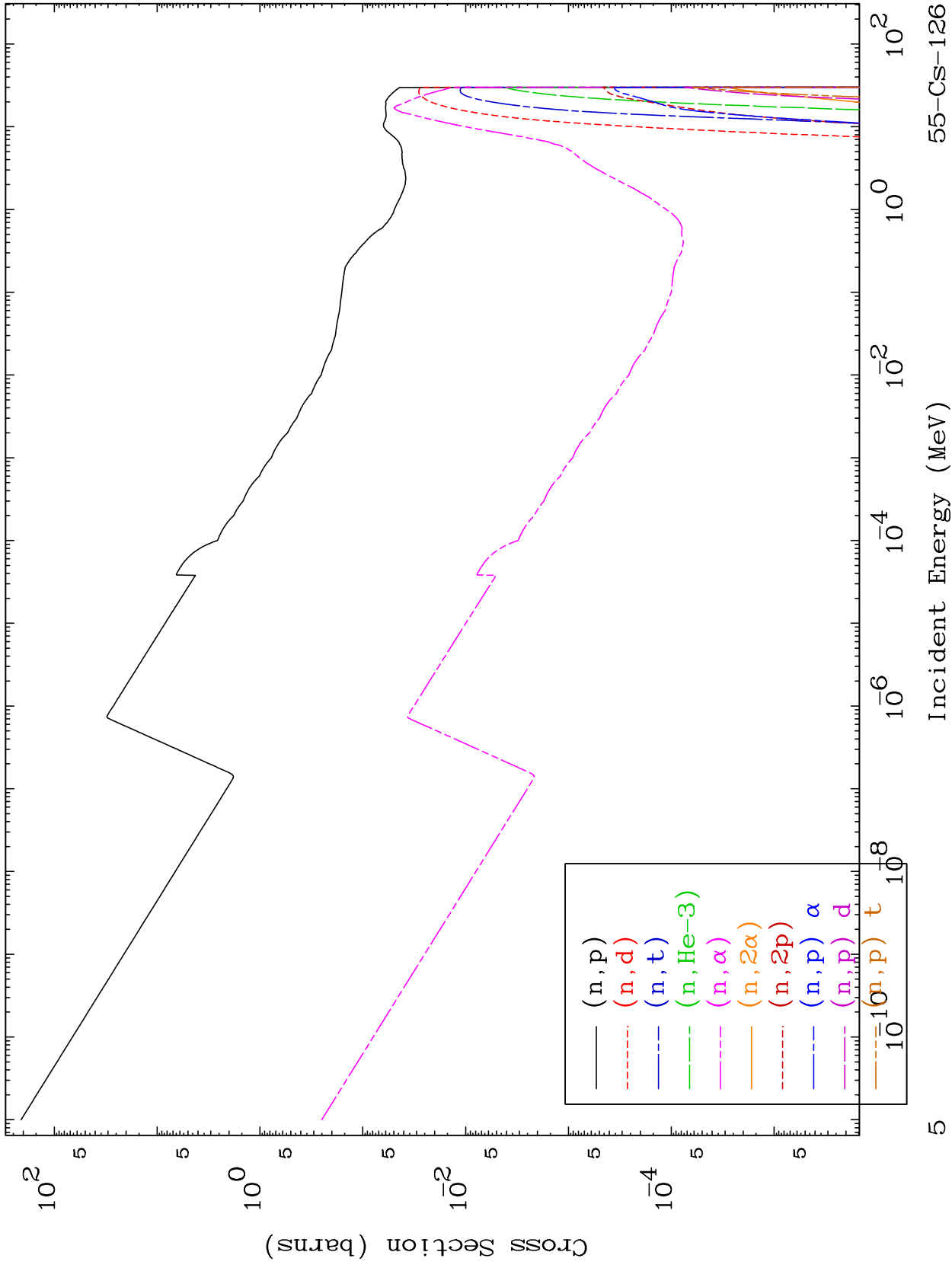
55-Cs-126



MAT 5504

Charged Particle
293 Kelvin Cross Sections

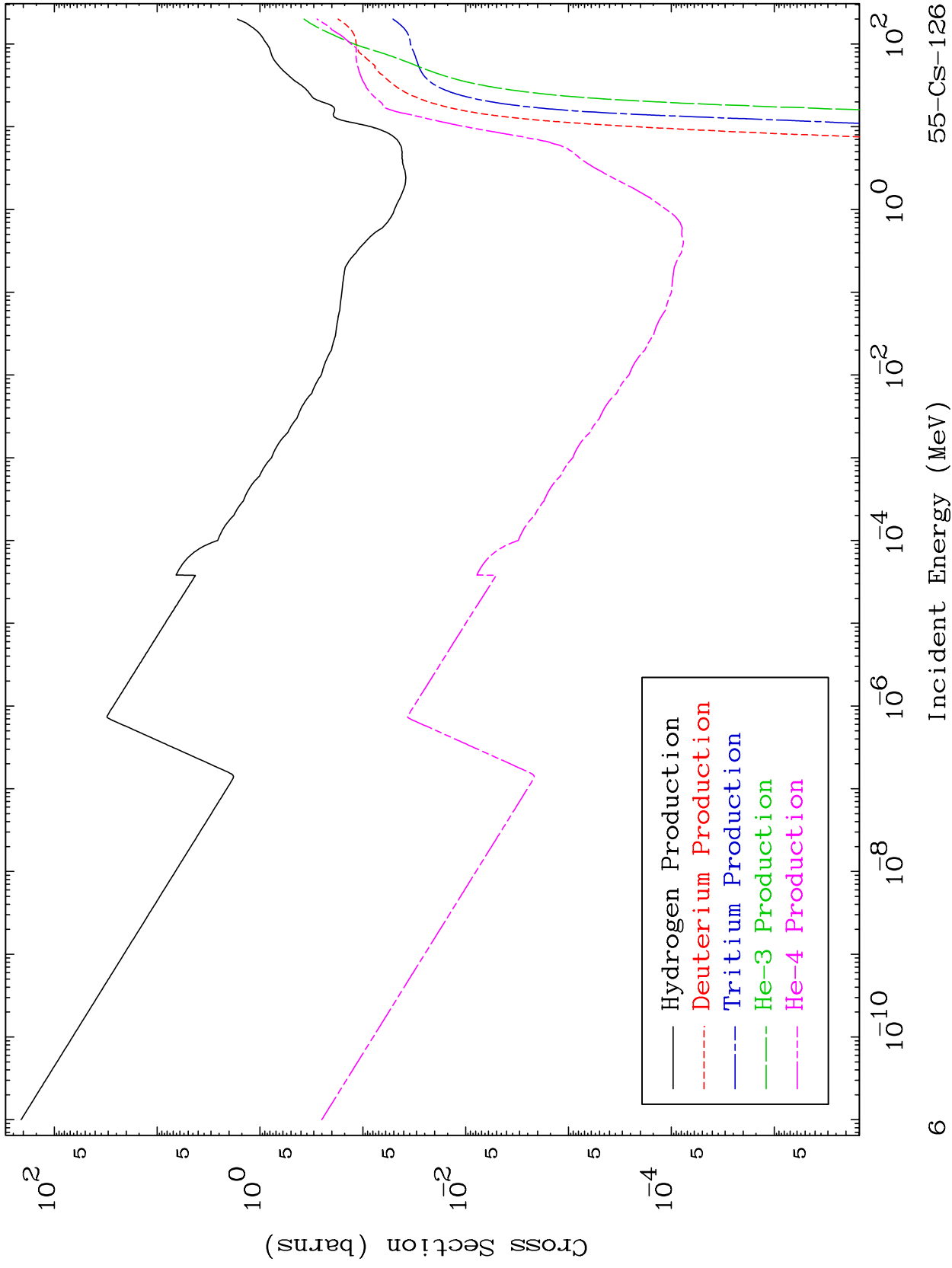
55-Cs-126



MAT 5504

Particle Production
293 Kelvin Cross Sections

55-Cs-126

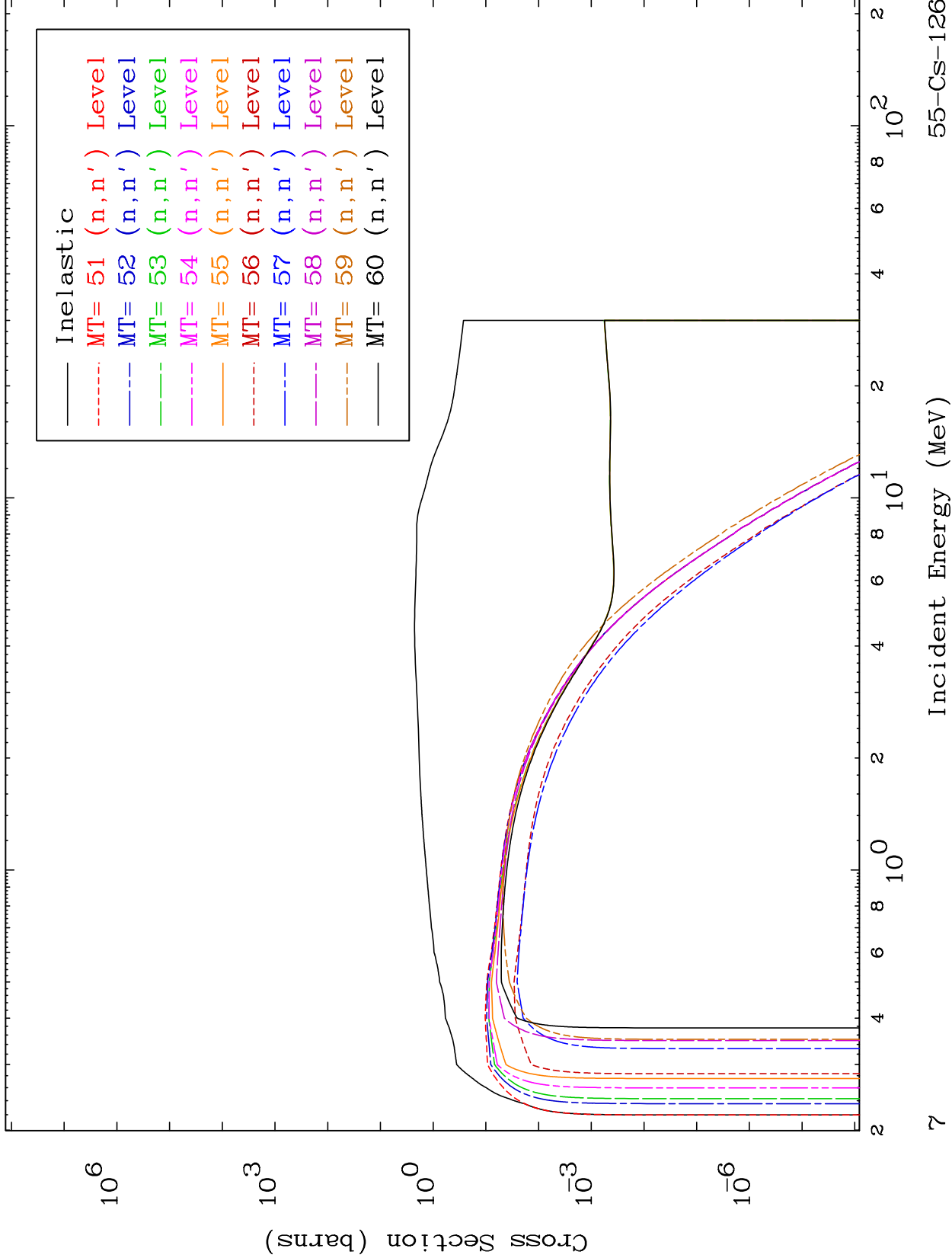


MAT 5504

(n,n') Level

293 Kelvin Cross Sections

55-Cs-126

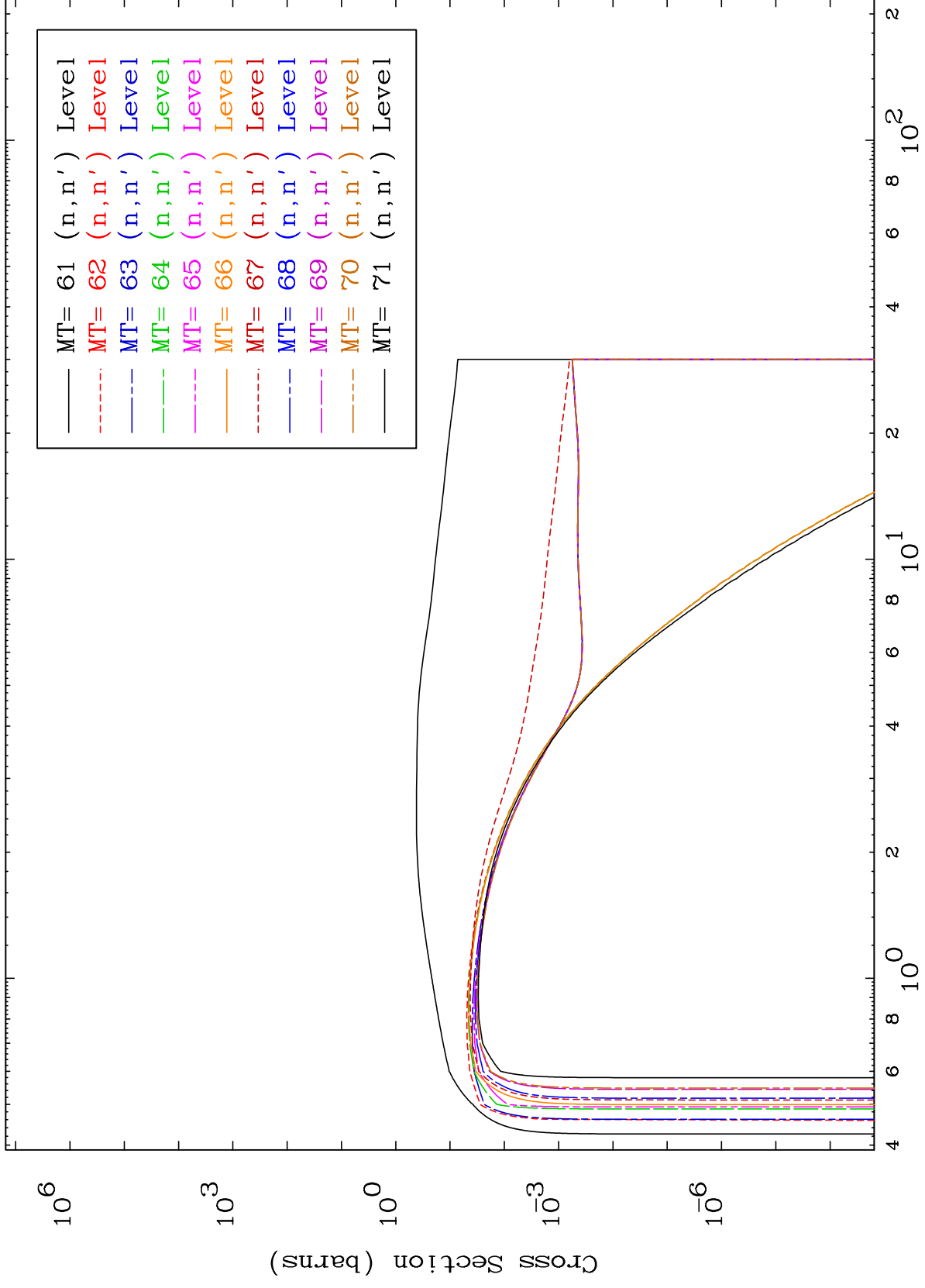


MAT 5504

(n,n') Level

55-Cs-126

293 Kelvin Cross Sections



8

Incident Energy (MeV)

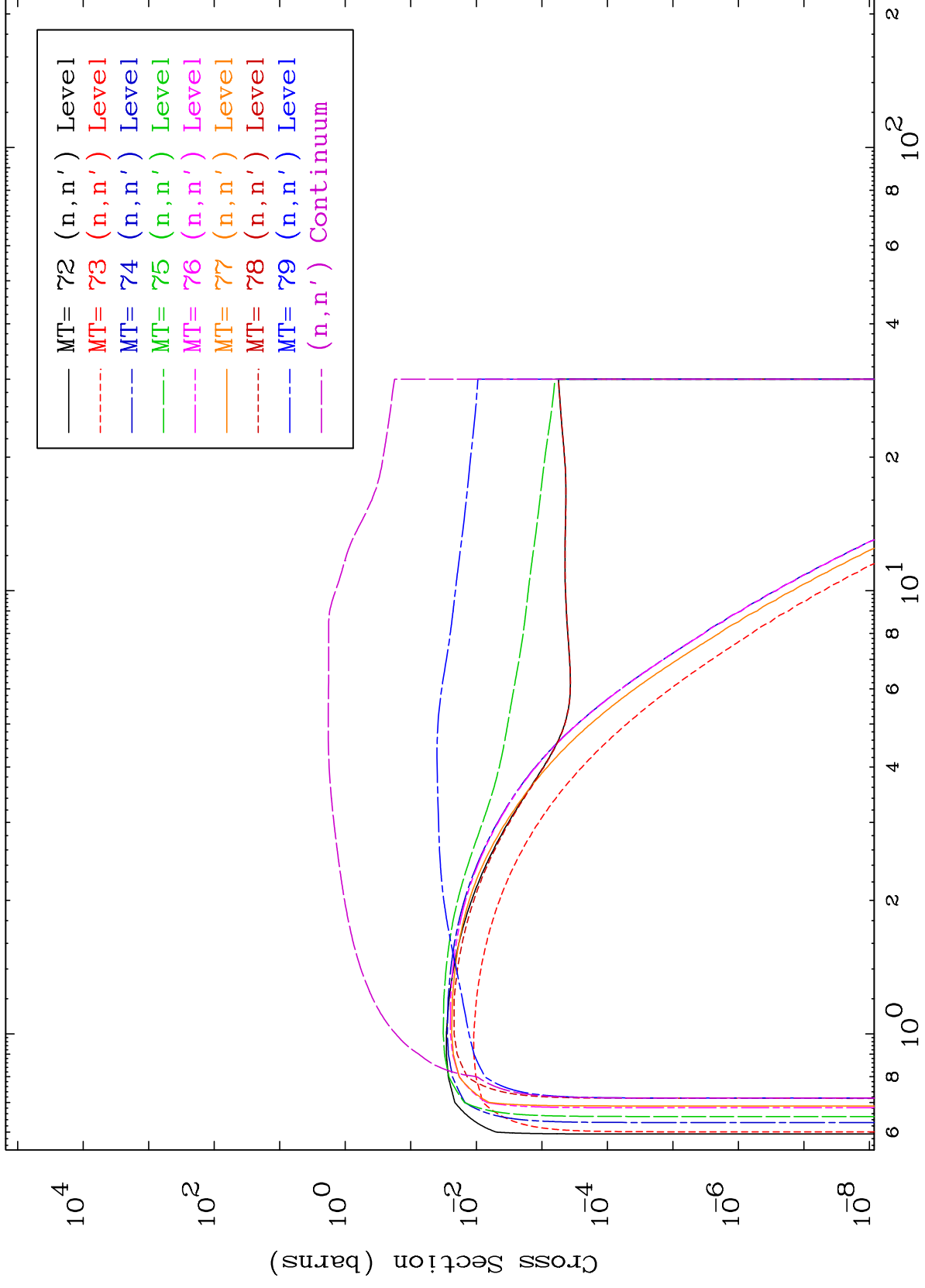
55-Cs-126

MAT 5504

(n,n') Level

55-Cs-126

293 Kelvin Cross Sections



9

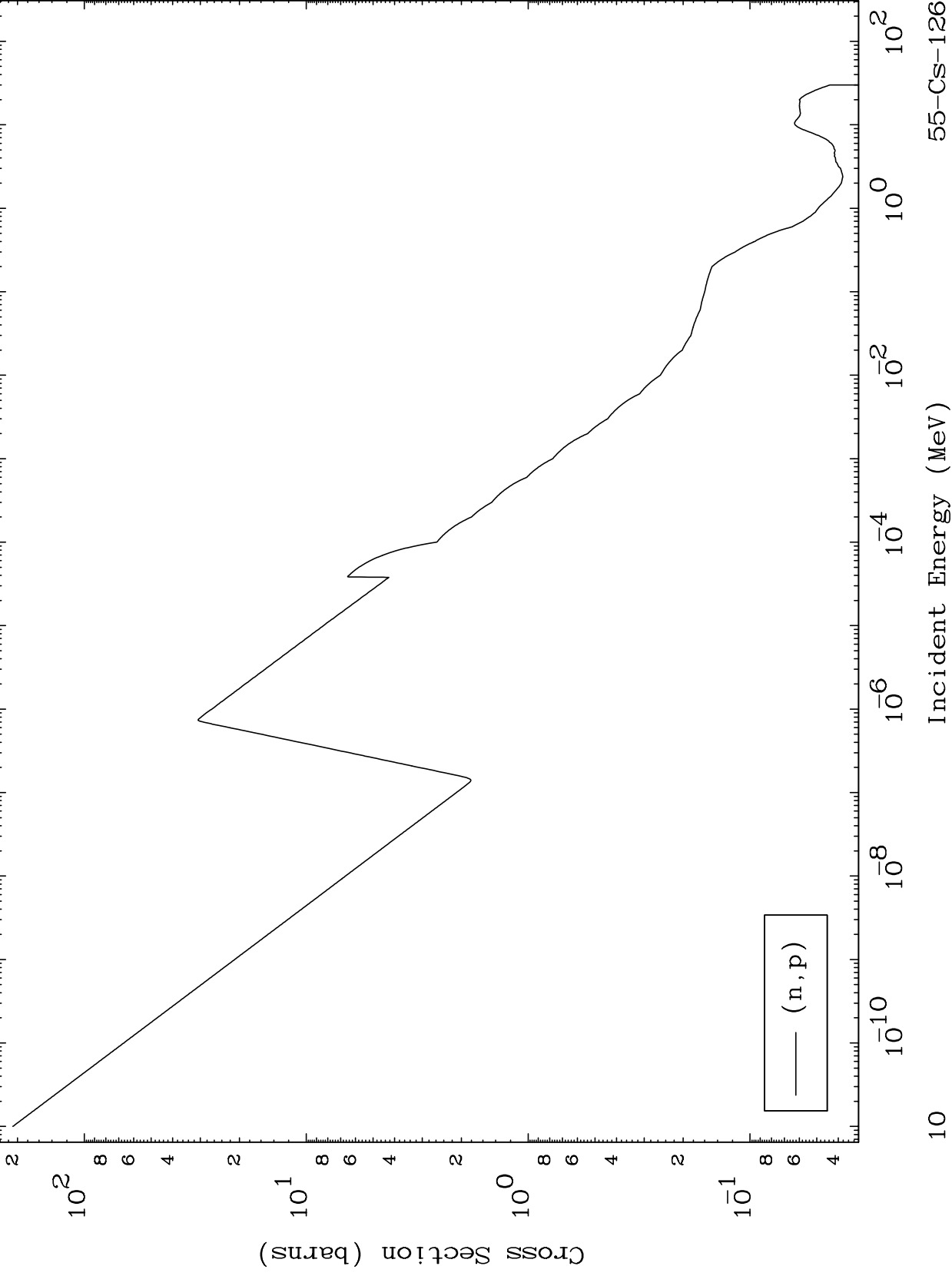
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,p) Levels
293 Kelvin Cross Sections

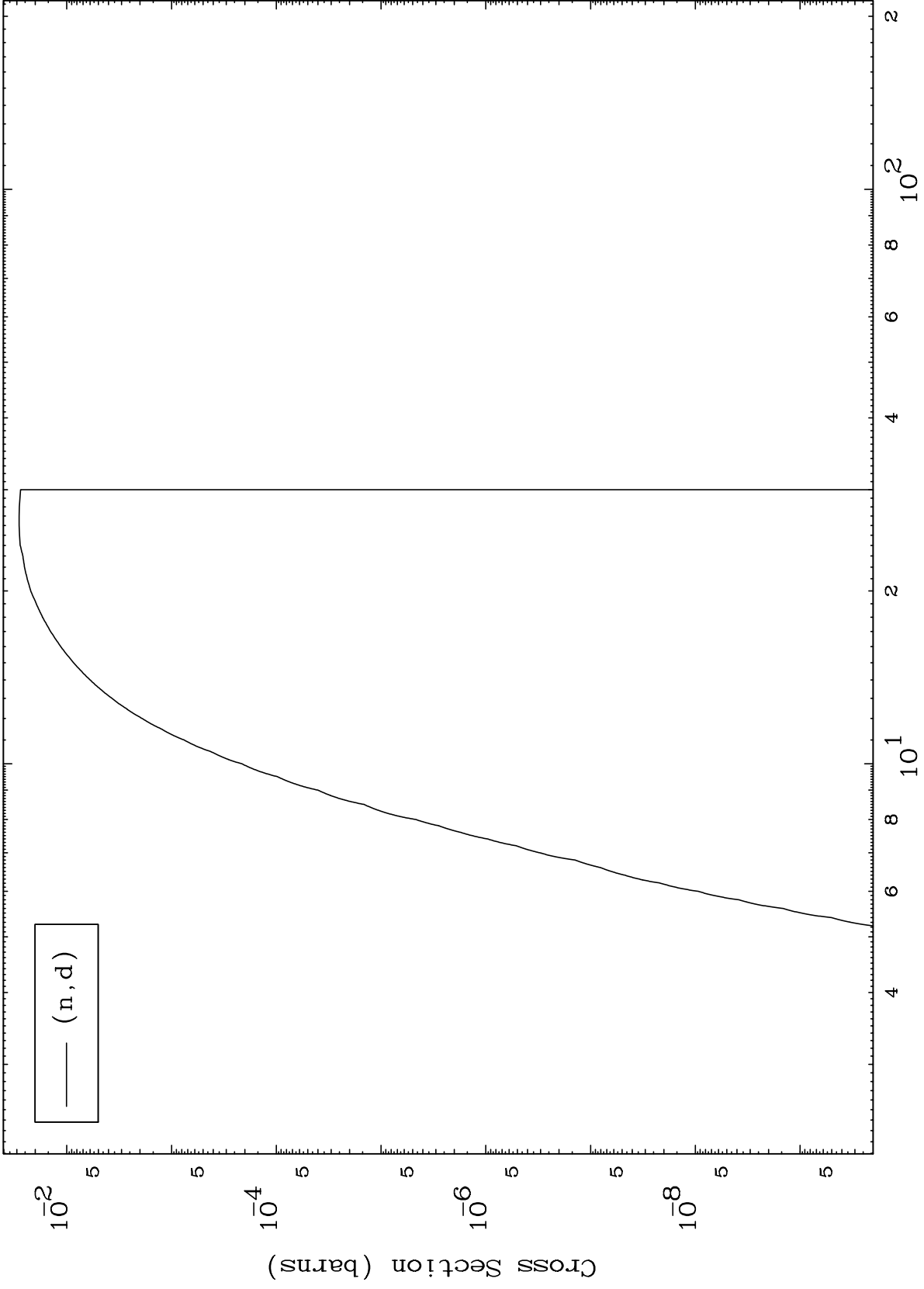
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MAT 5504

(n,d) Levels
293 Kelvin Cross Sections

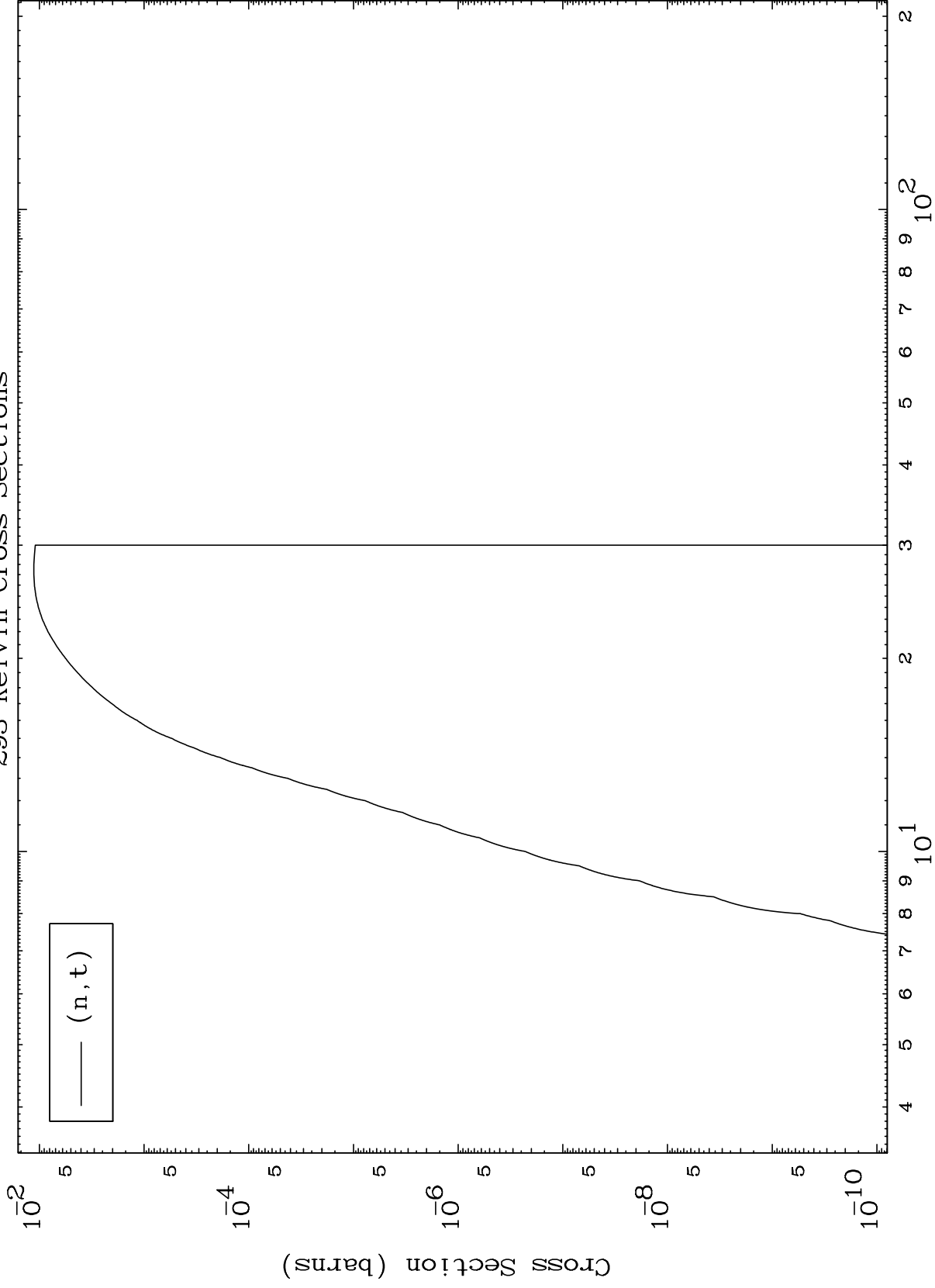
55-Cs-126



MAT 5504

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-126



12

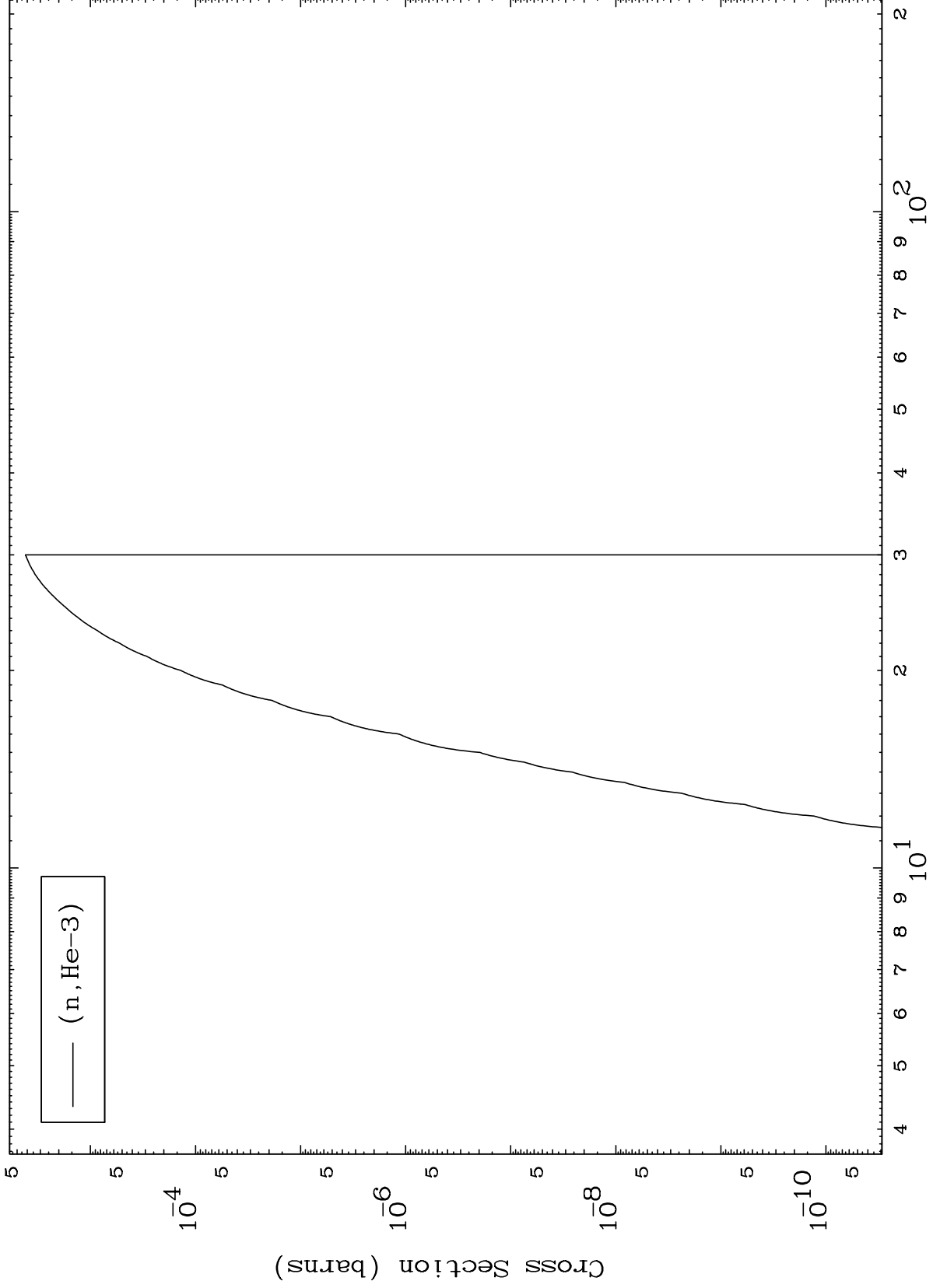
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-126



13

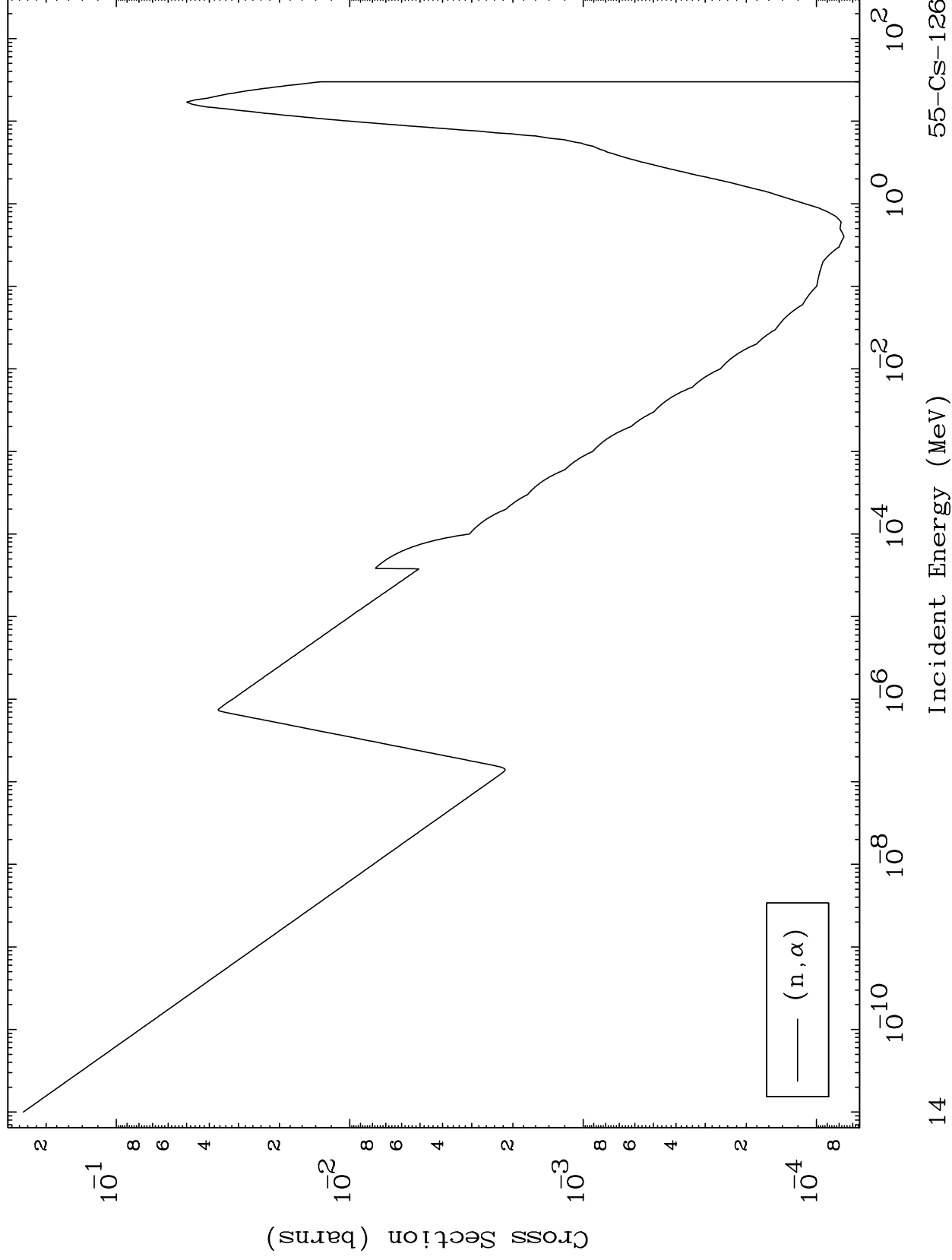
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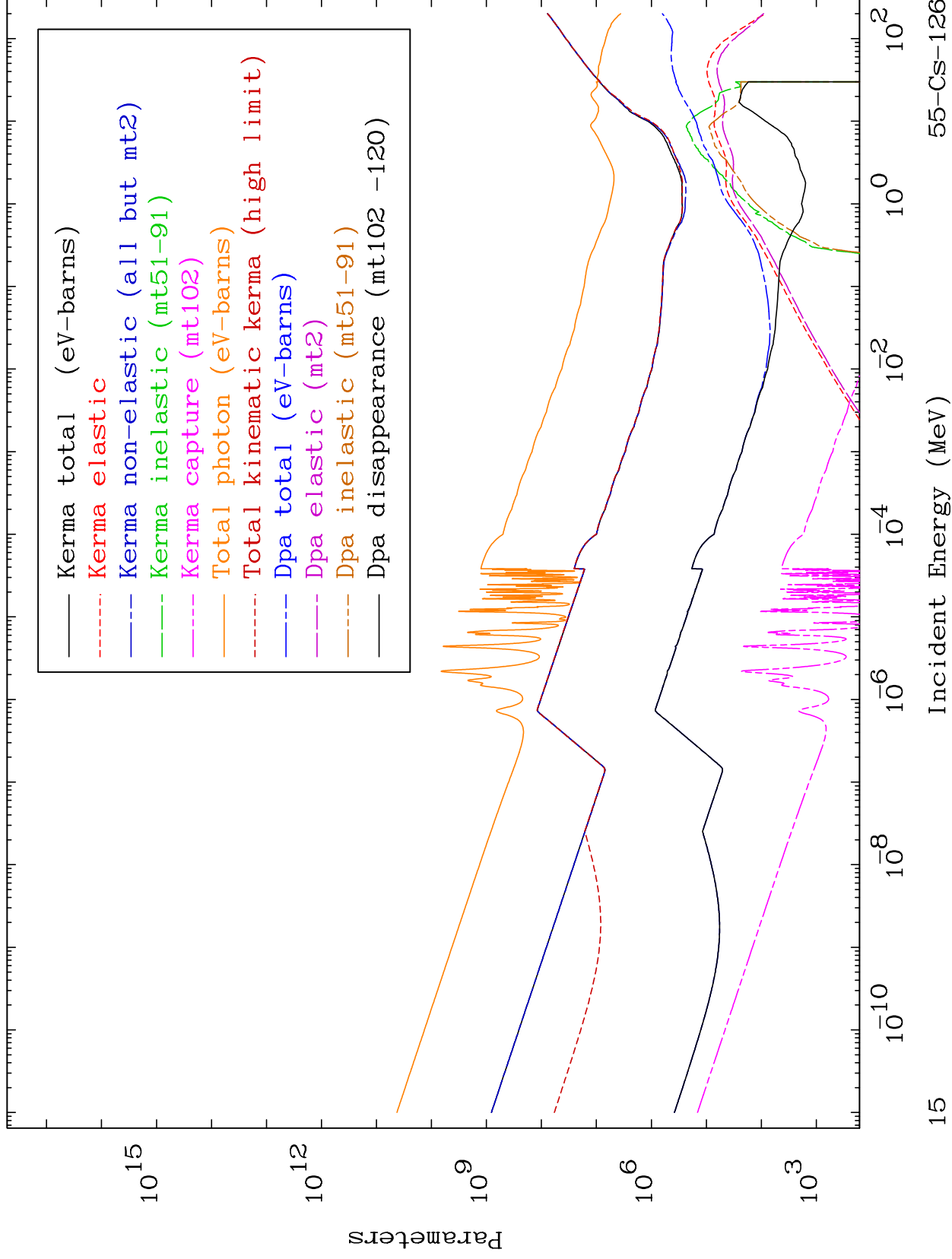
55-Cs-126

MAT 5504

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-126

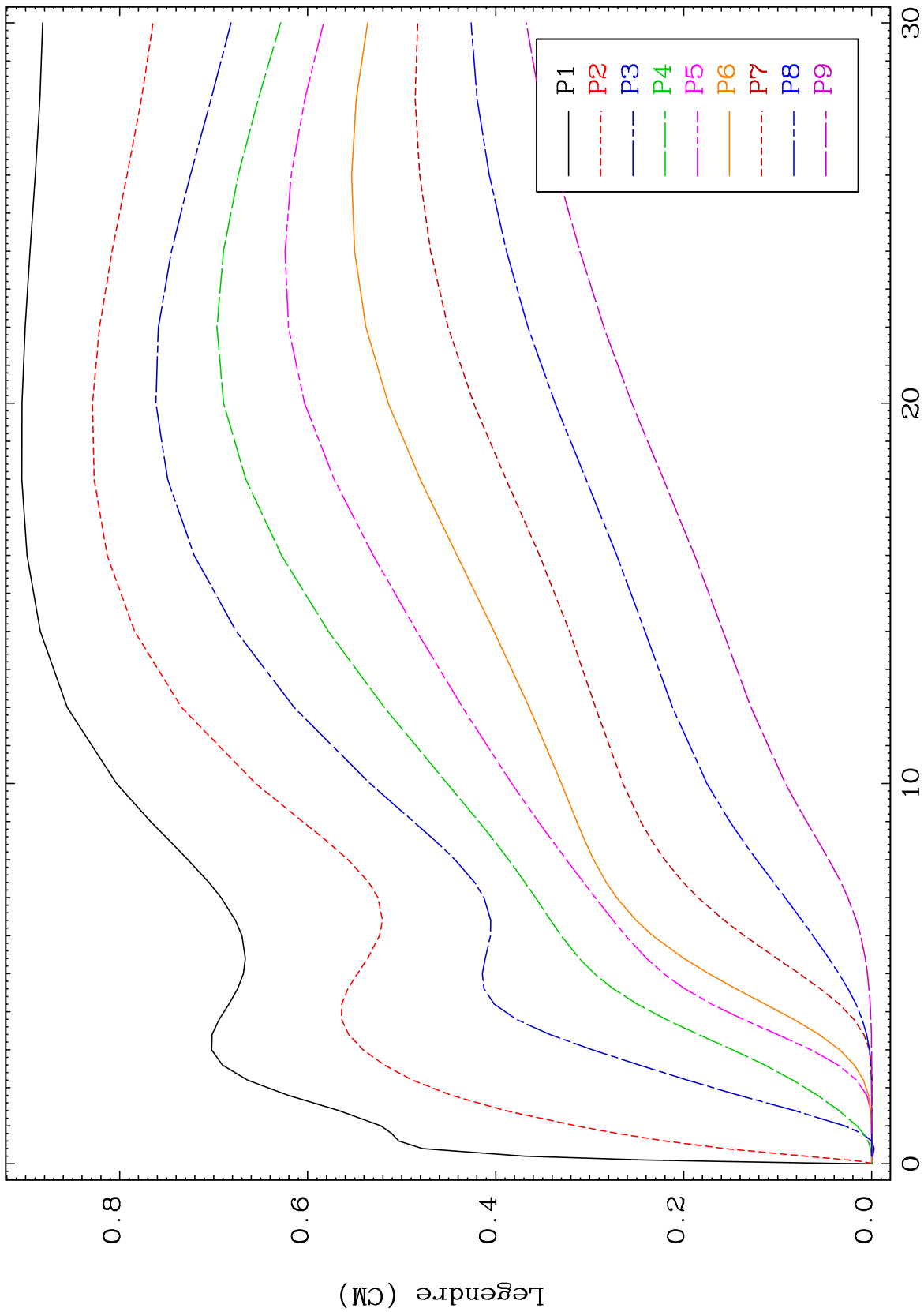




MAT 5504

55-Cs-126

Elastic Legendre Coefficients



16

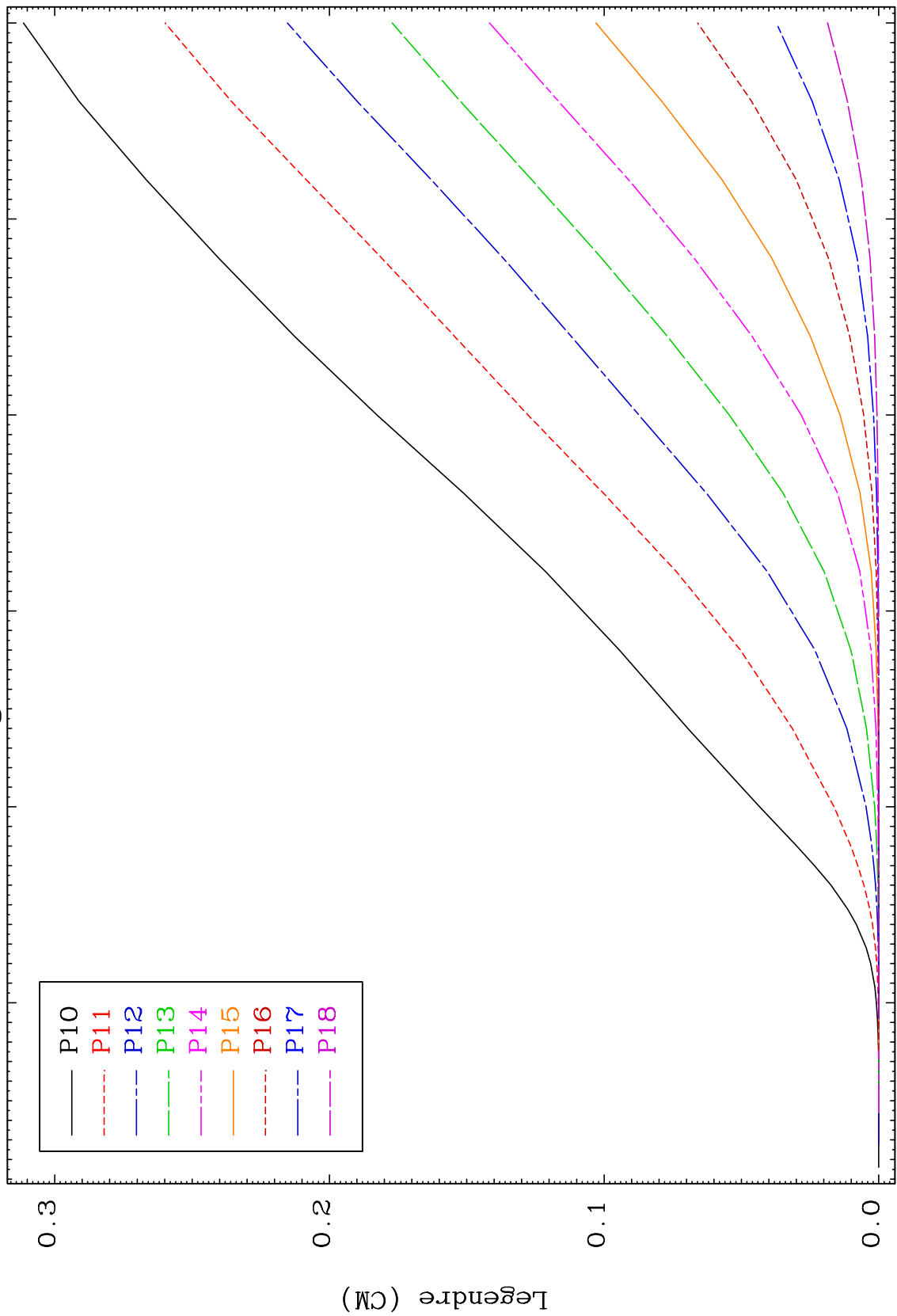
Incident Energy (MeV)

55-Cs-126

MAT 5504

Elastic Legendre Coefficients

55-Cs-126



17

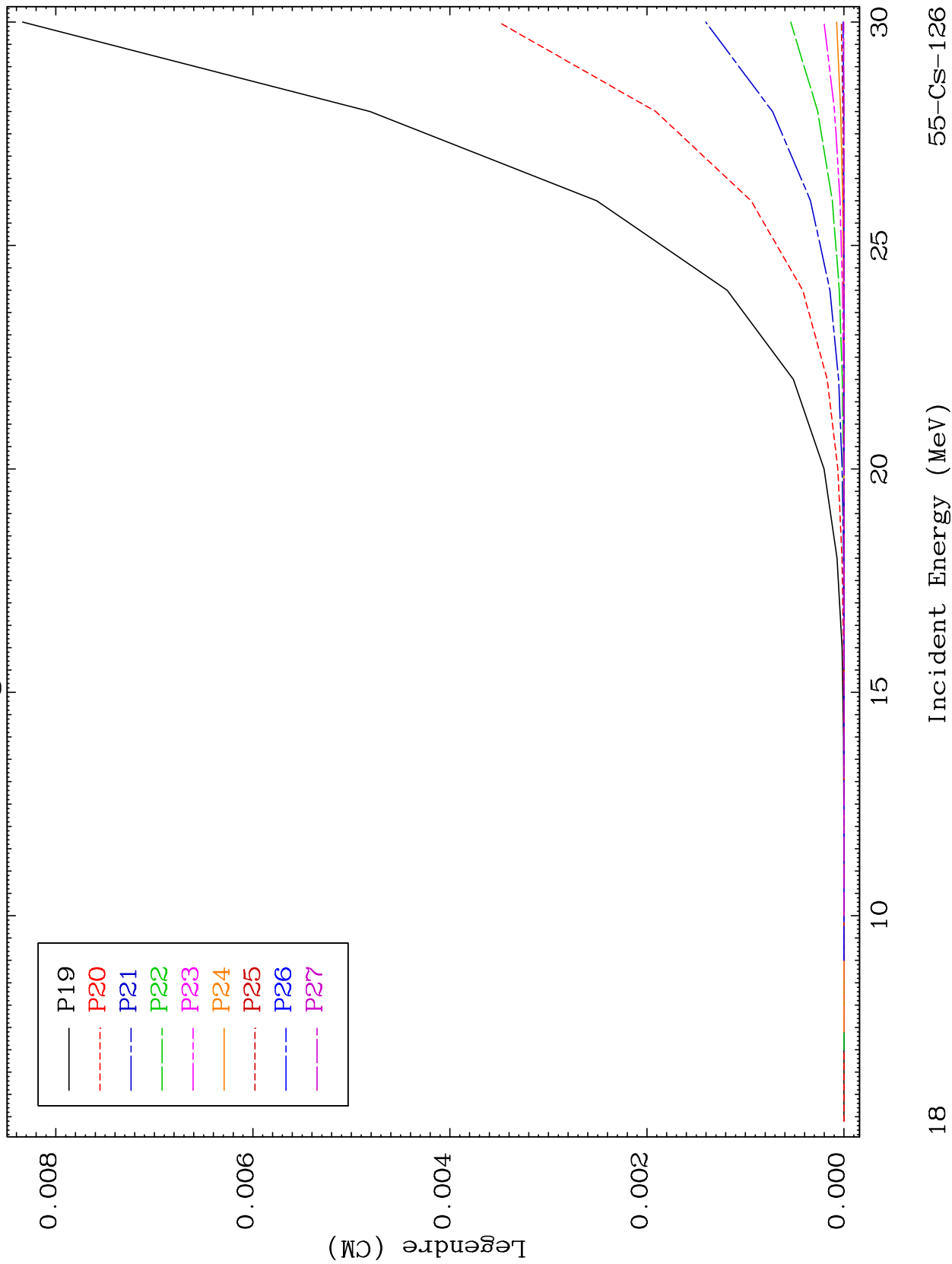
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Incident Energy (MeV)

MAT 5504

Elastic Legendre Coefficients

55-Cs-126



18

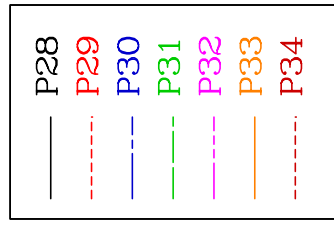
Incident Energy (MeV)

55-Cs-126

MAT 5504

Elastic Legendre Coefficients

55-Cs-126



$\times 10^{-7}$

Legendre (CM)

4

2

0

15

20

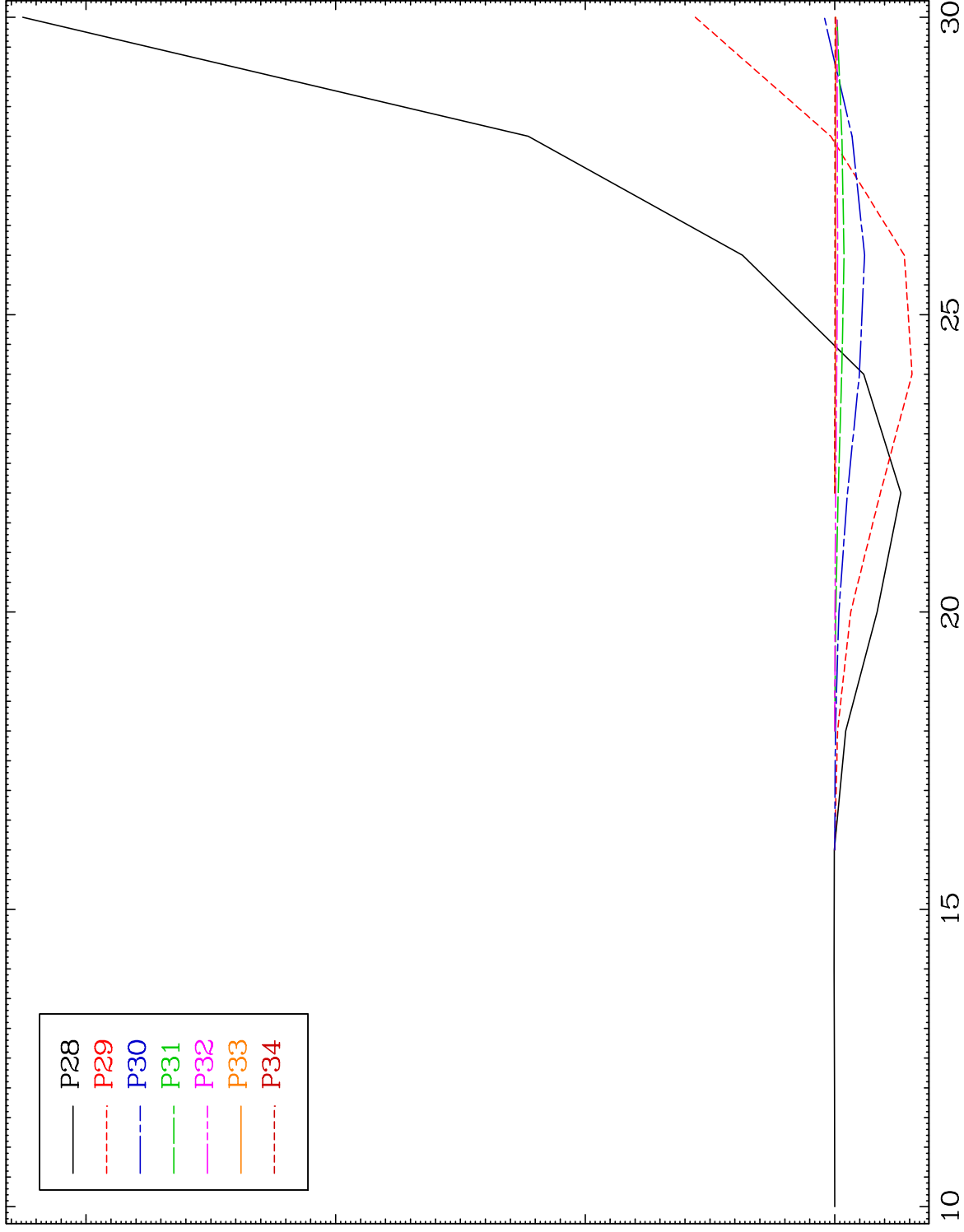
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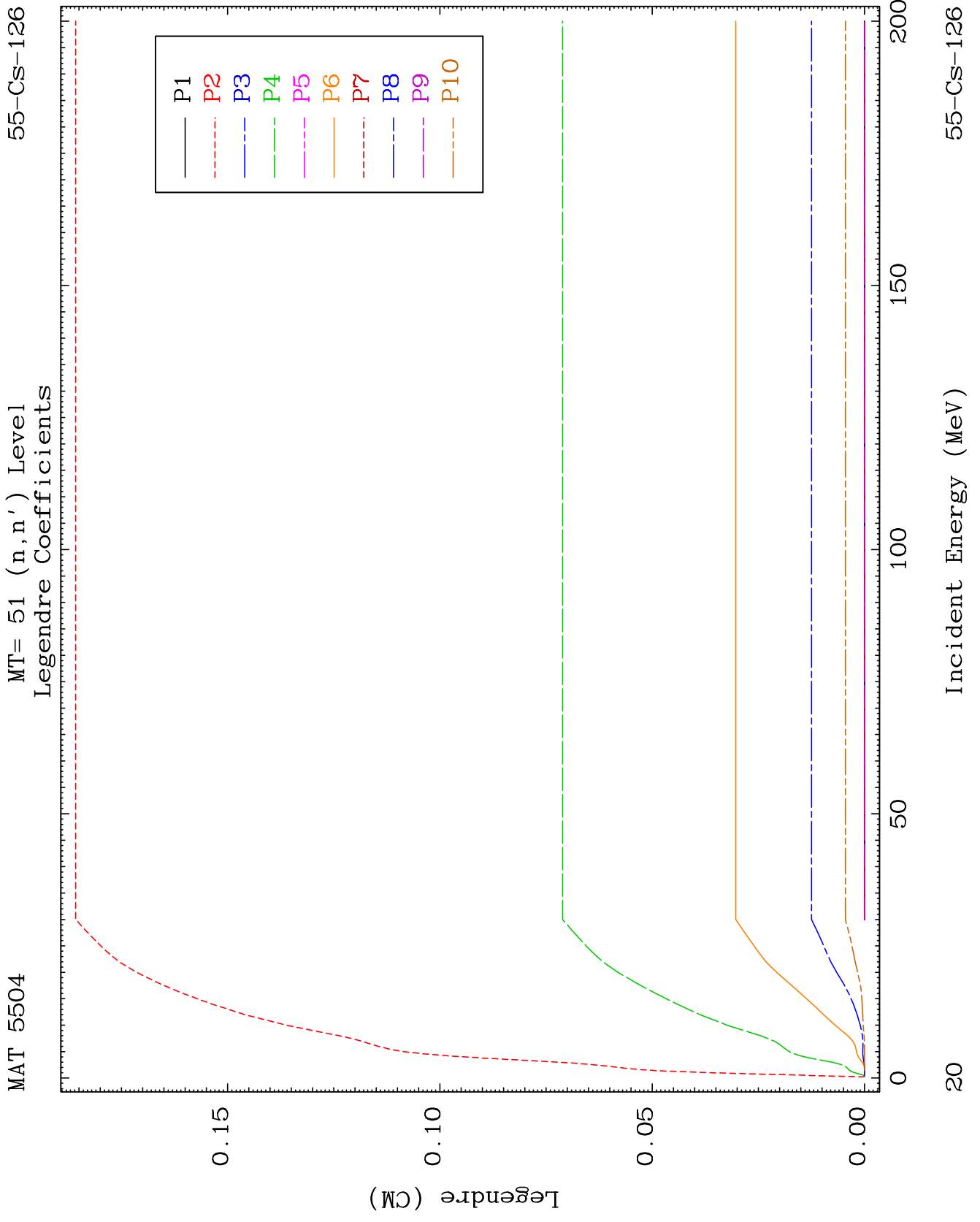
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19

Incident Energy (MeV)

55-Cs-126

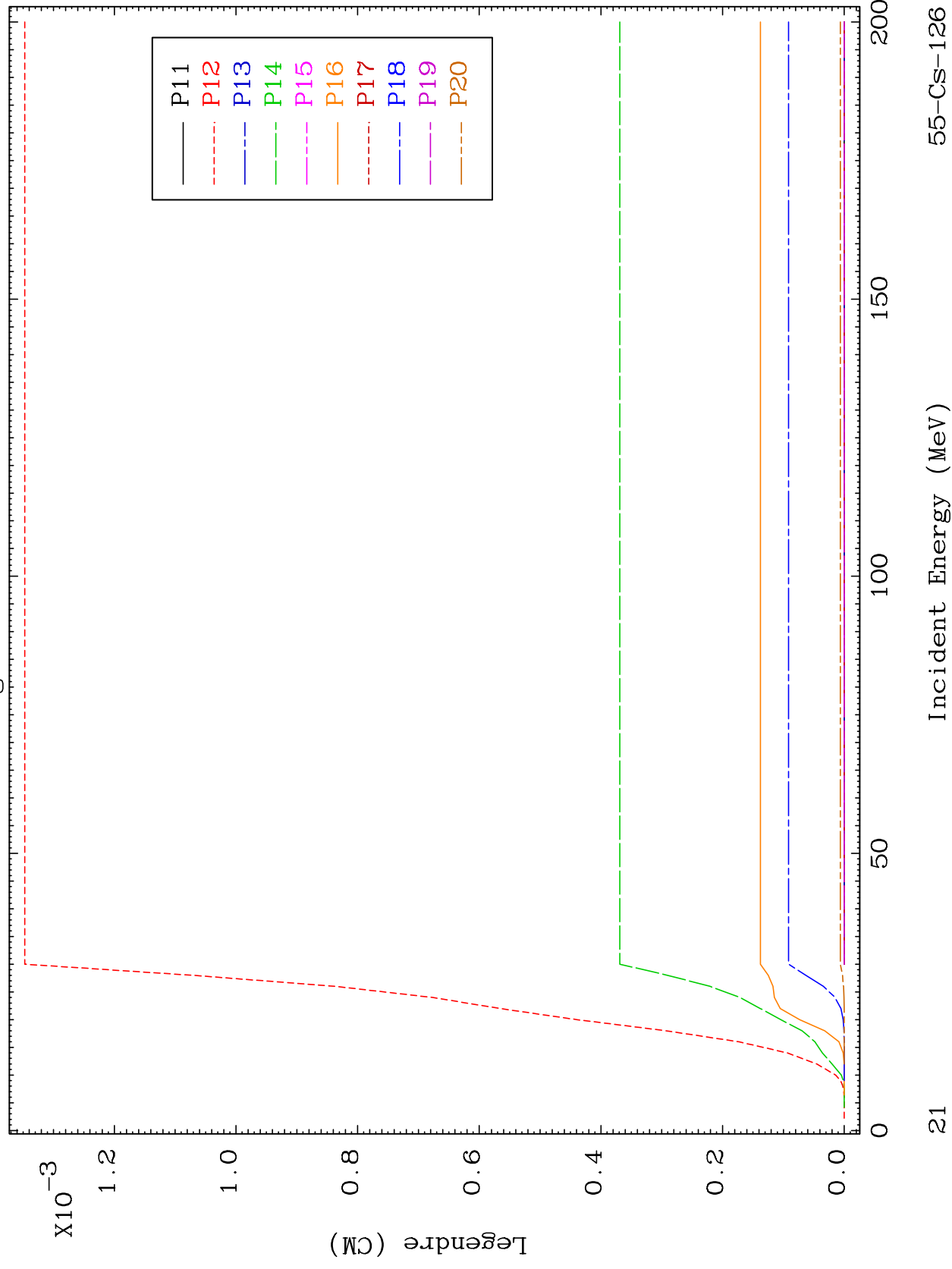


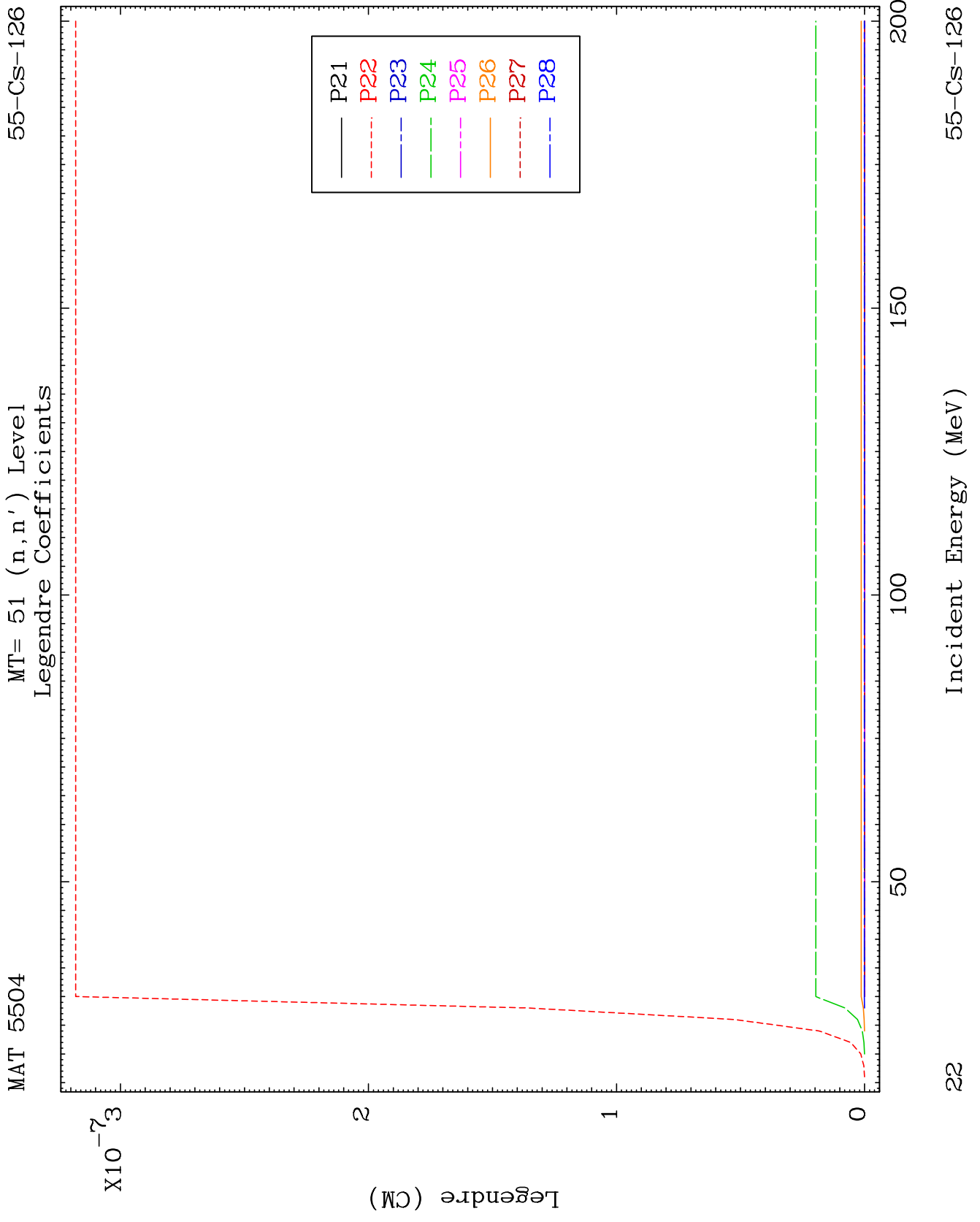


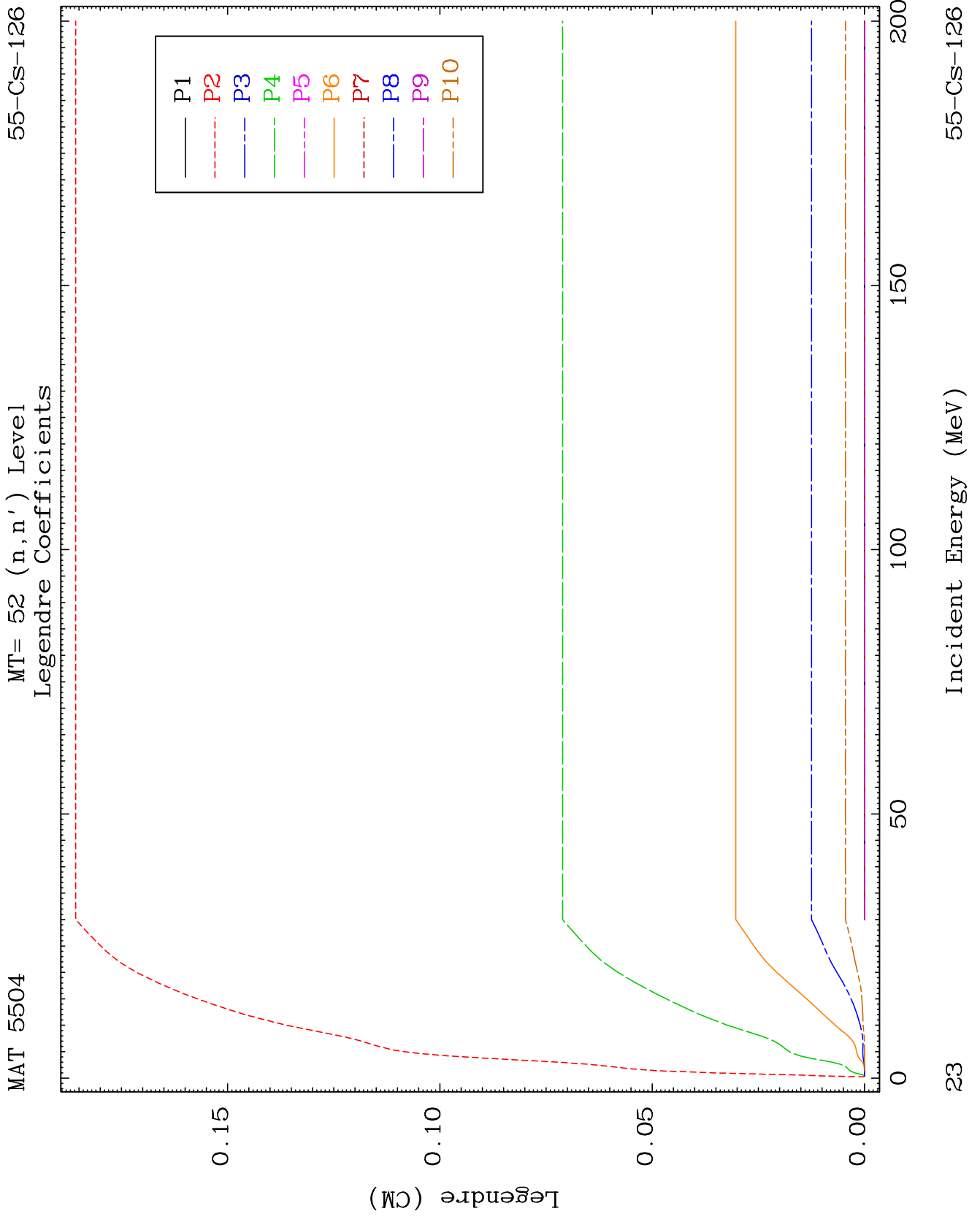
MAT 5504

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

55-Cs-126



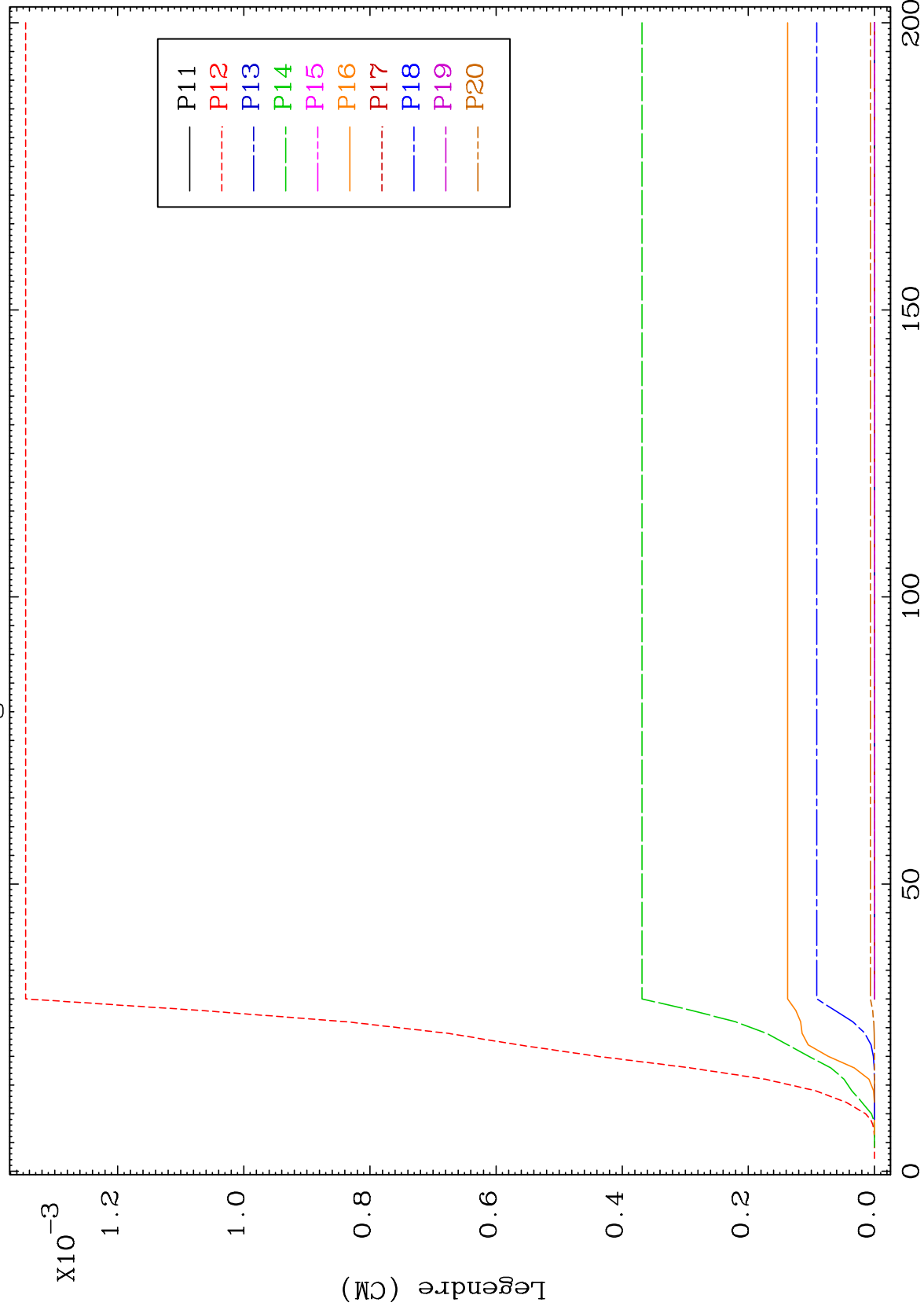




MAT 5504

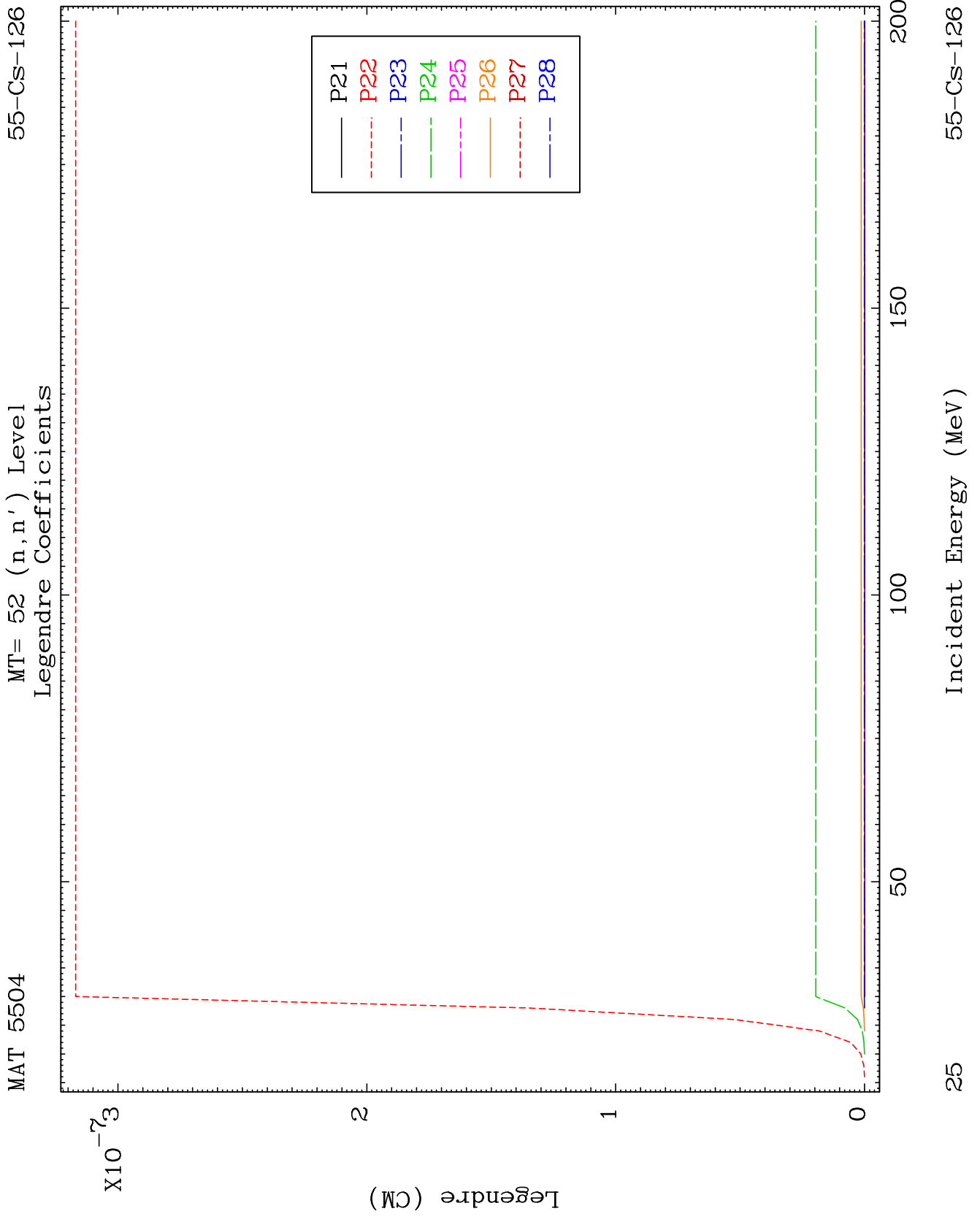
MT= 52 (n,n') Level
Legendre Coefficients

55-Cs-126



24

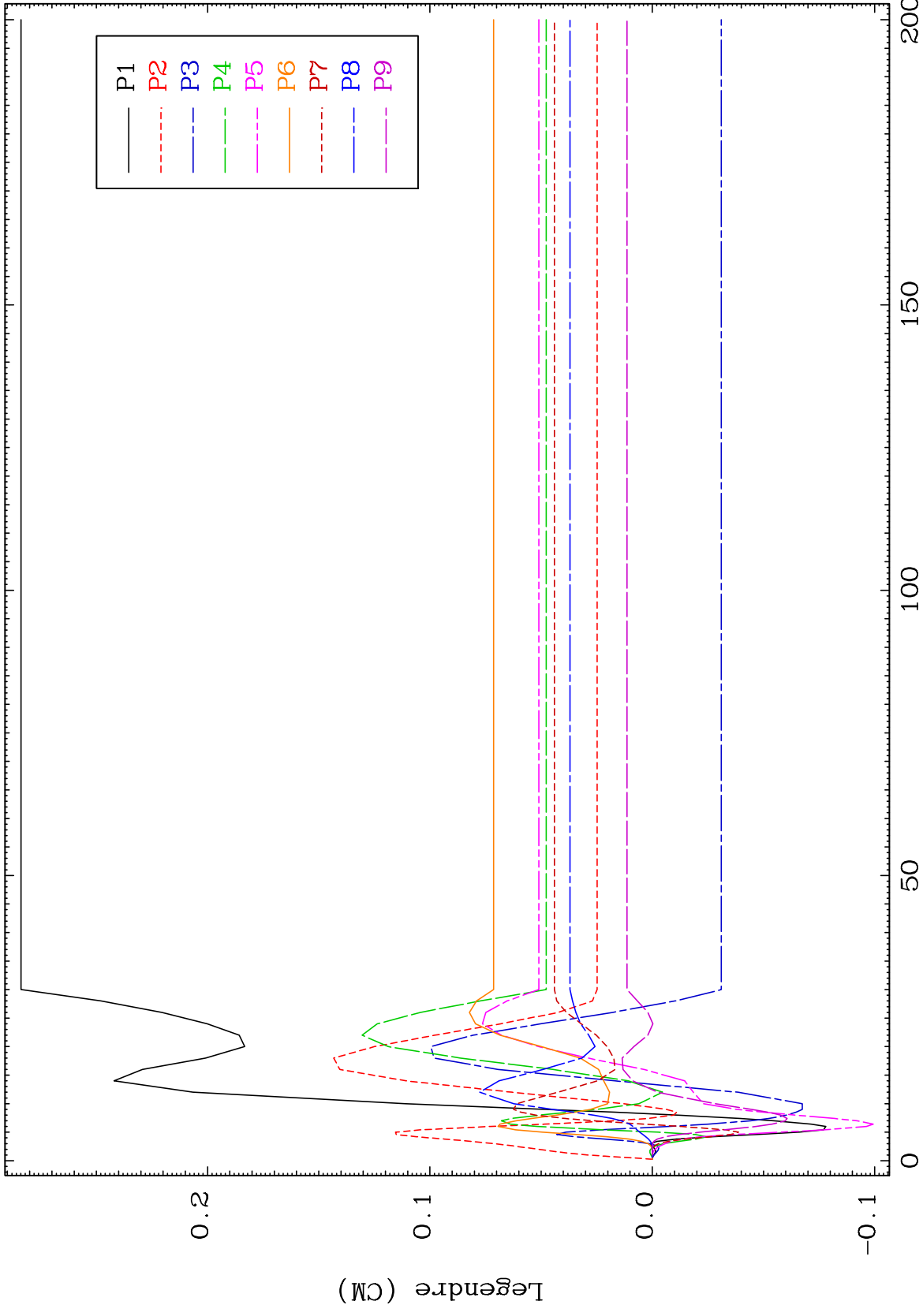
55-Cs-126



MAT 5504

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

55-Cs-126



26

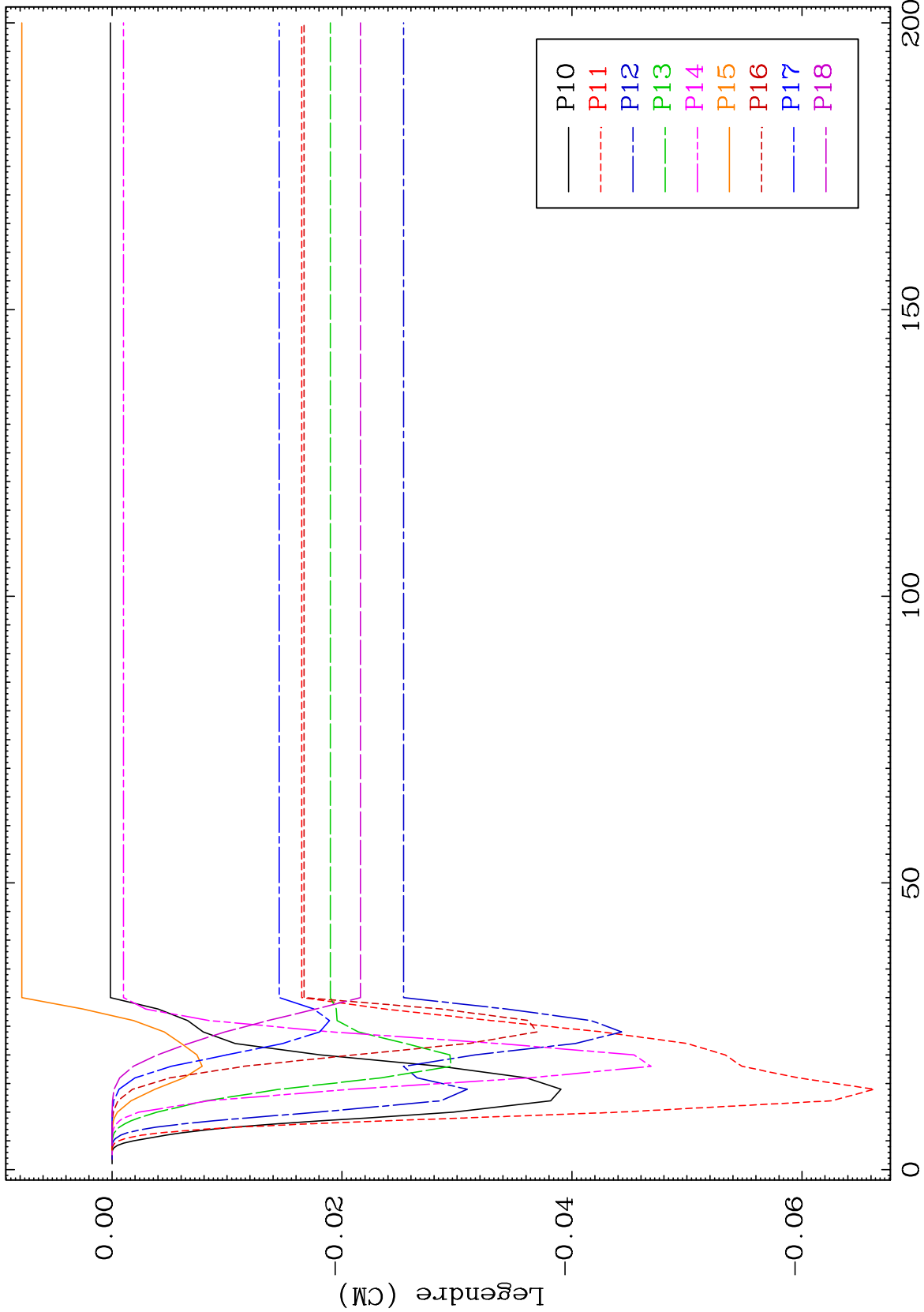
Incident Energy (MeV)

55-Cs-126

MAT 5504

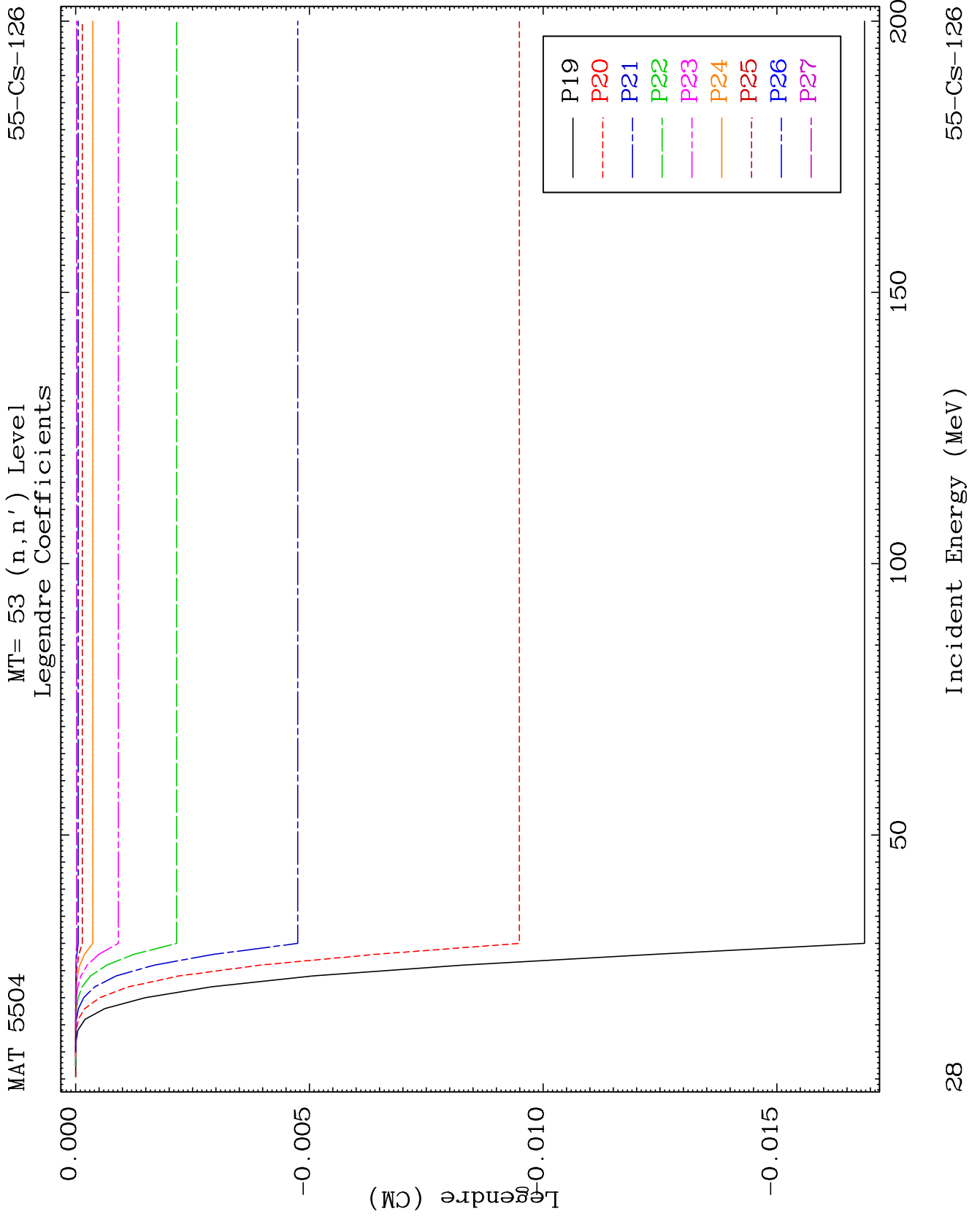
MT= 53 (n,n') Level
Legendre Coefficients

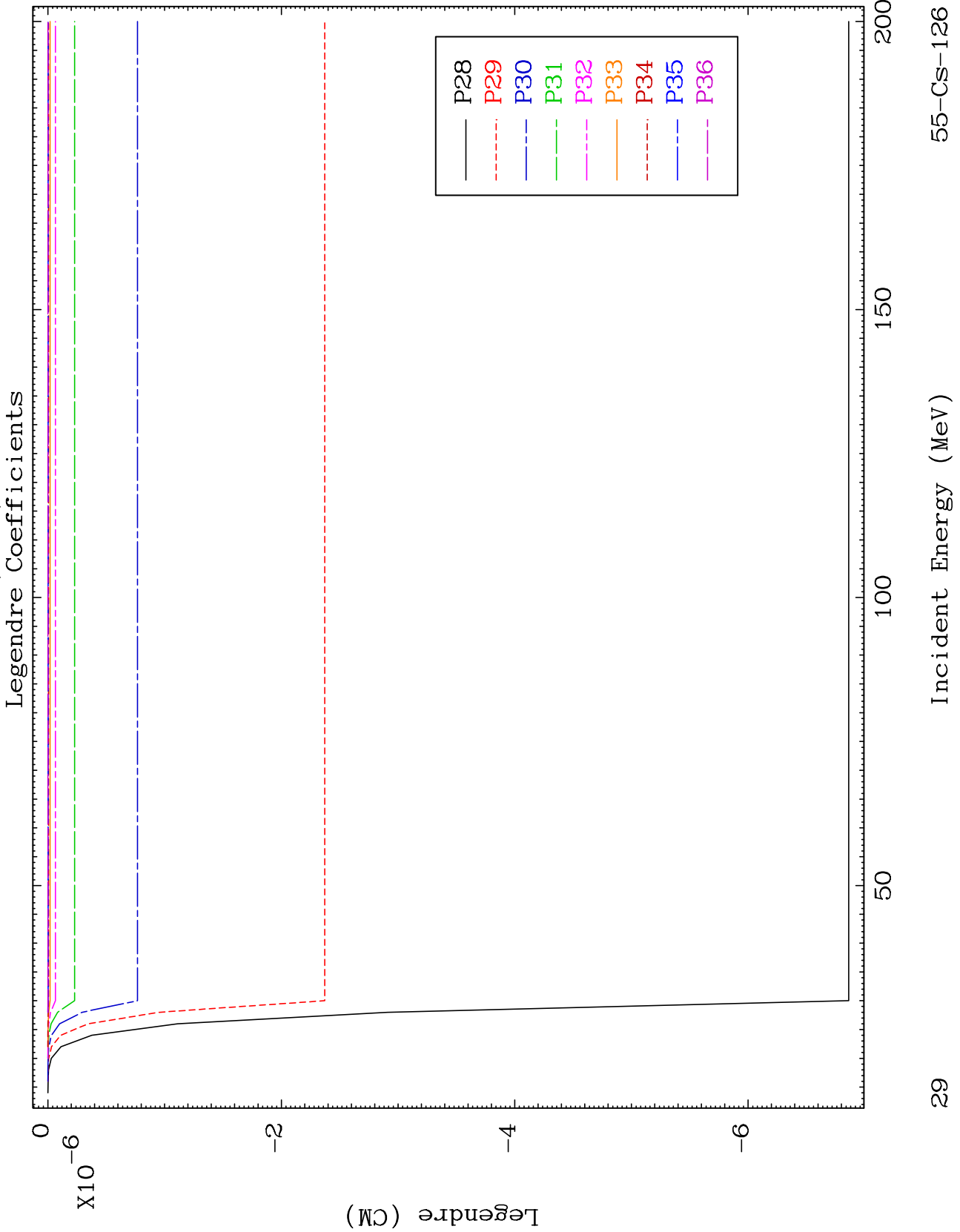
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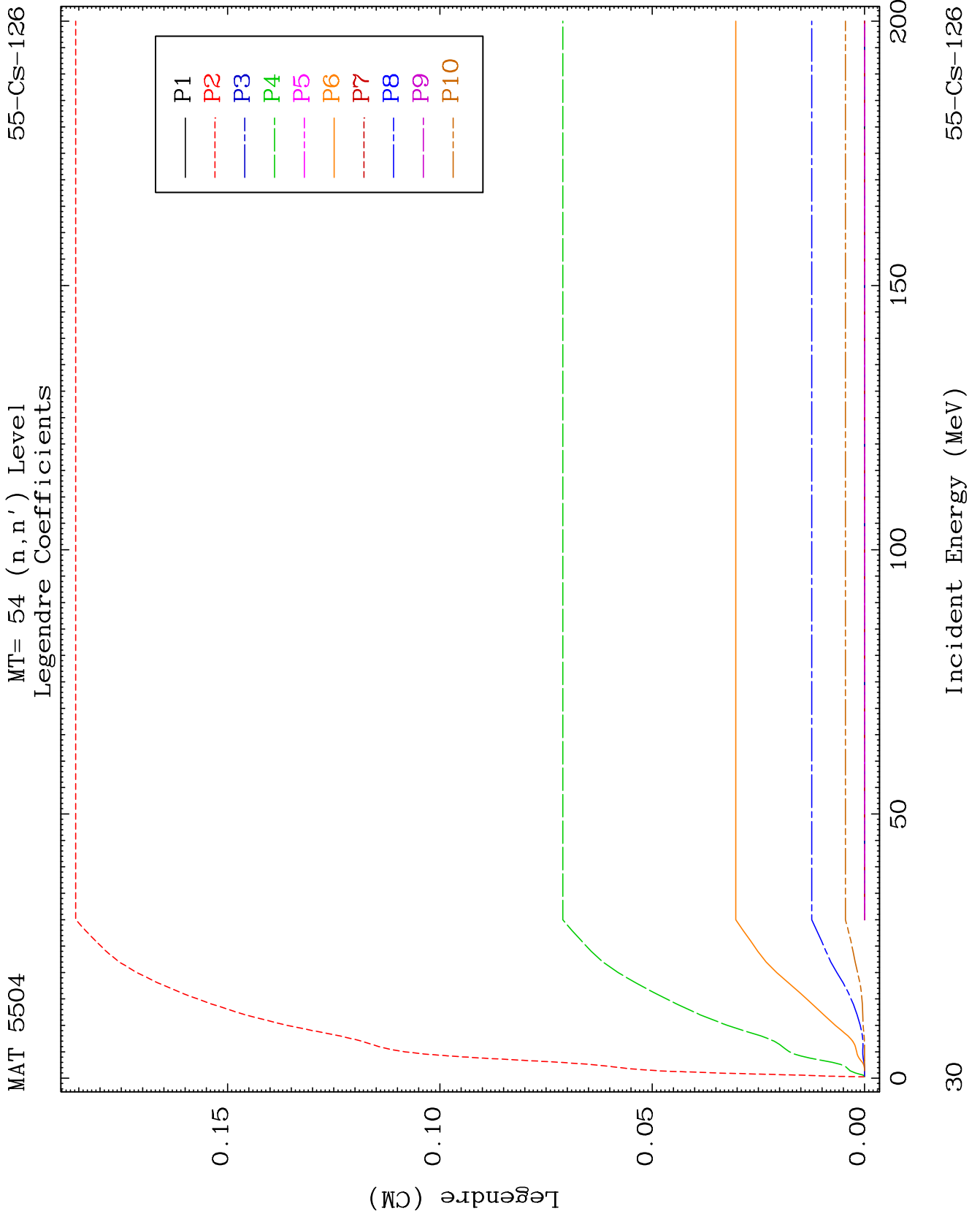


27

55-Cs-126



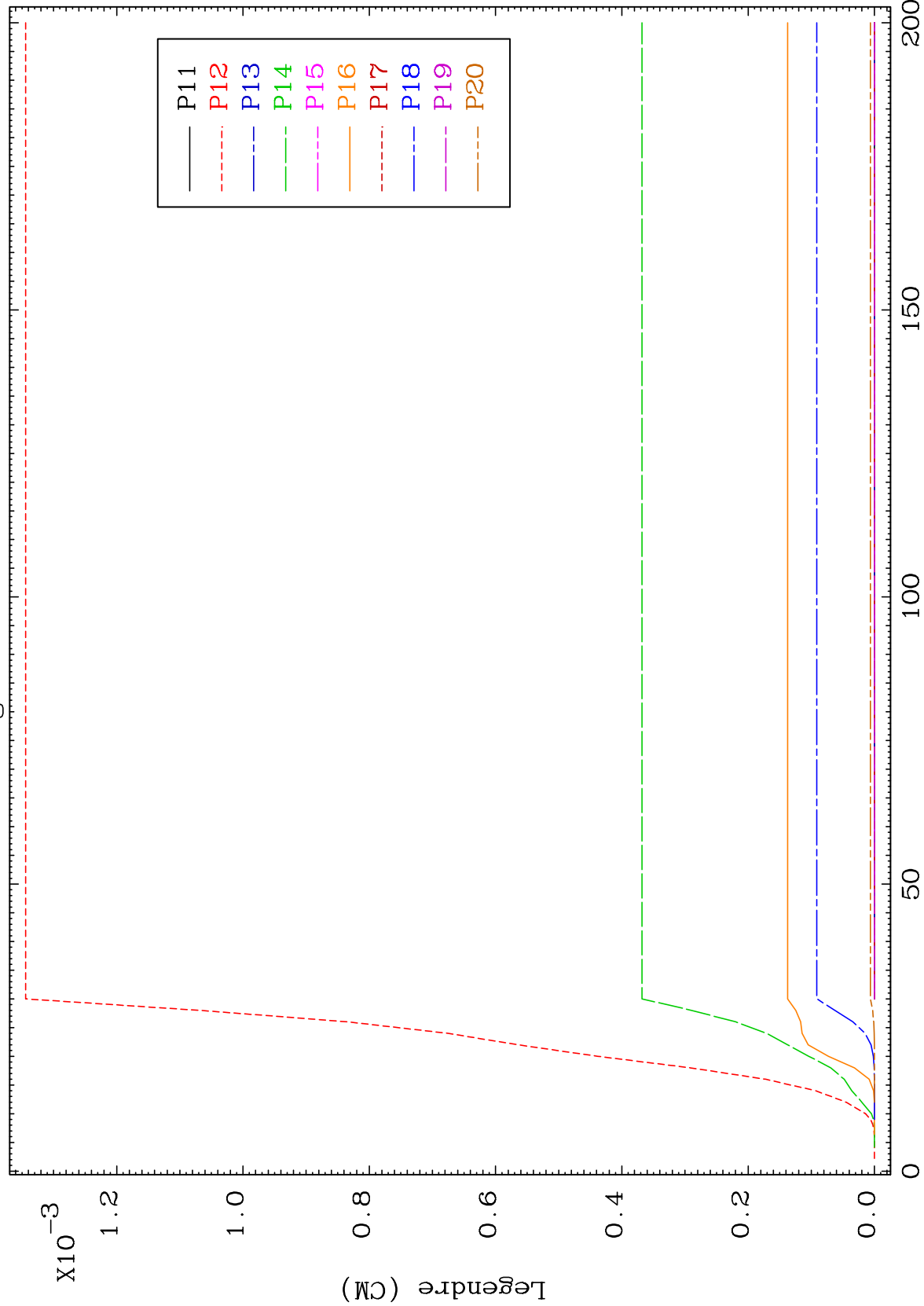




MAT 5504

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

55-Cs-126



31

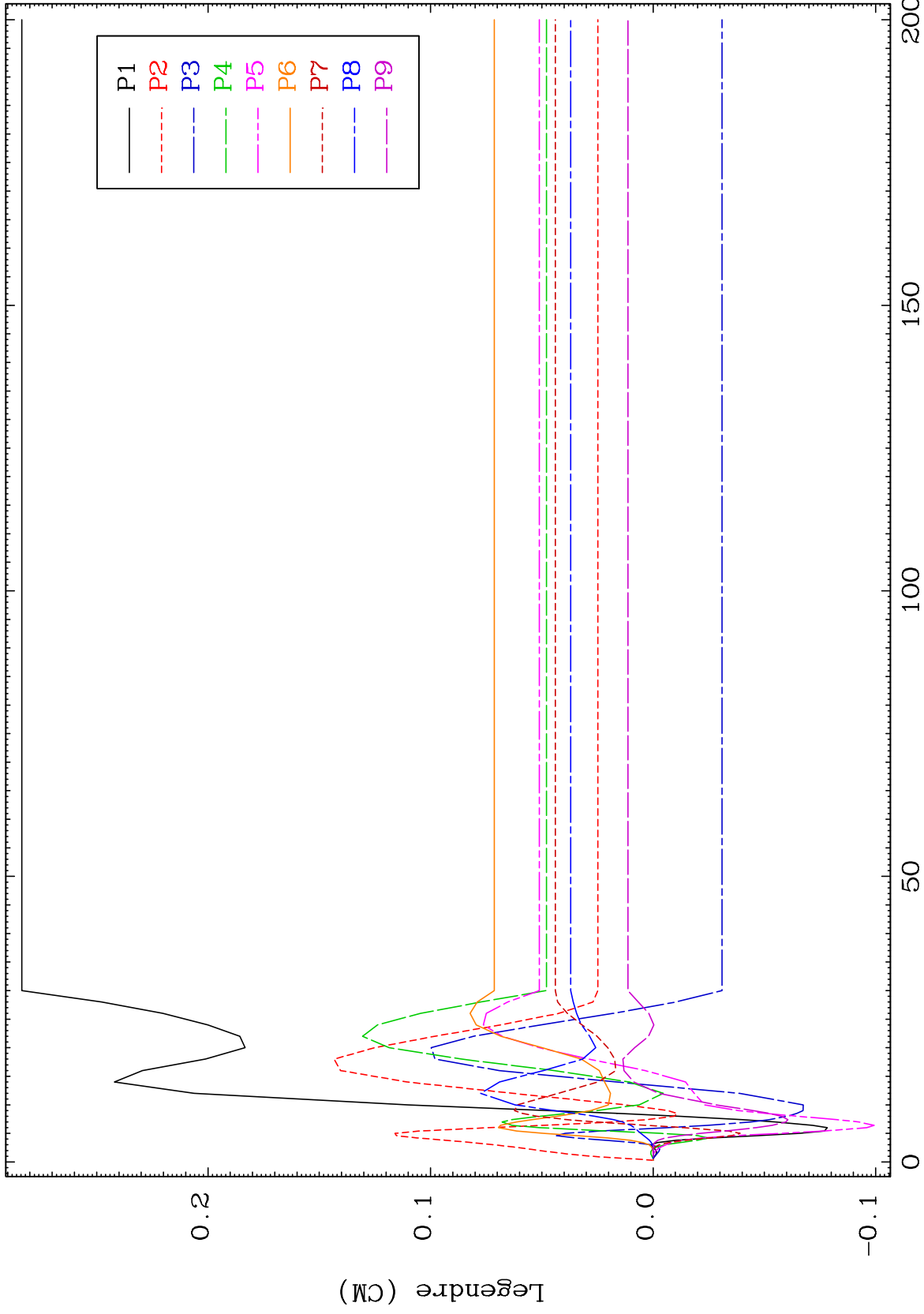
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



33

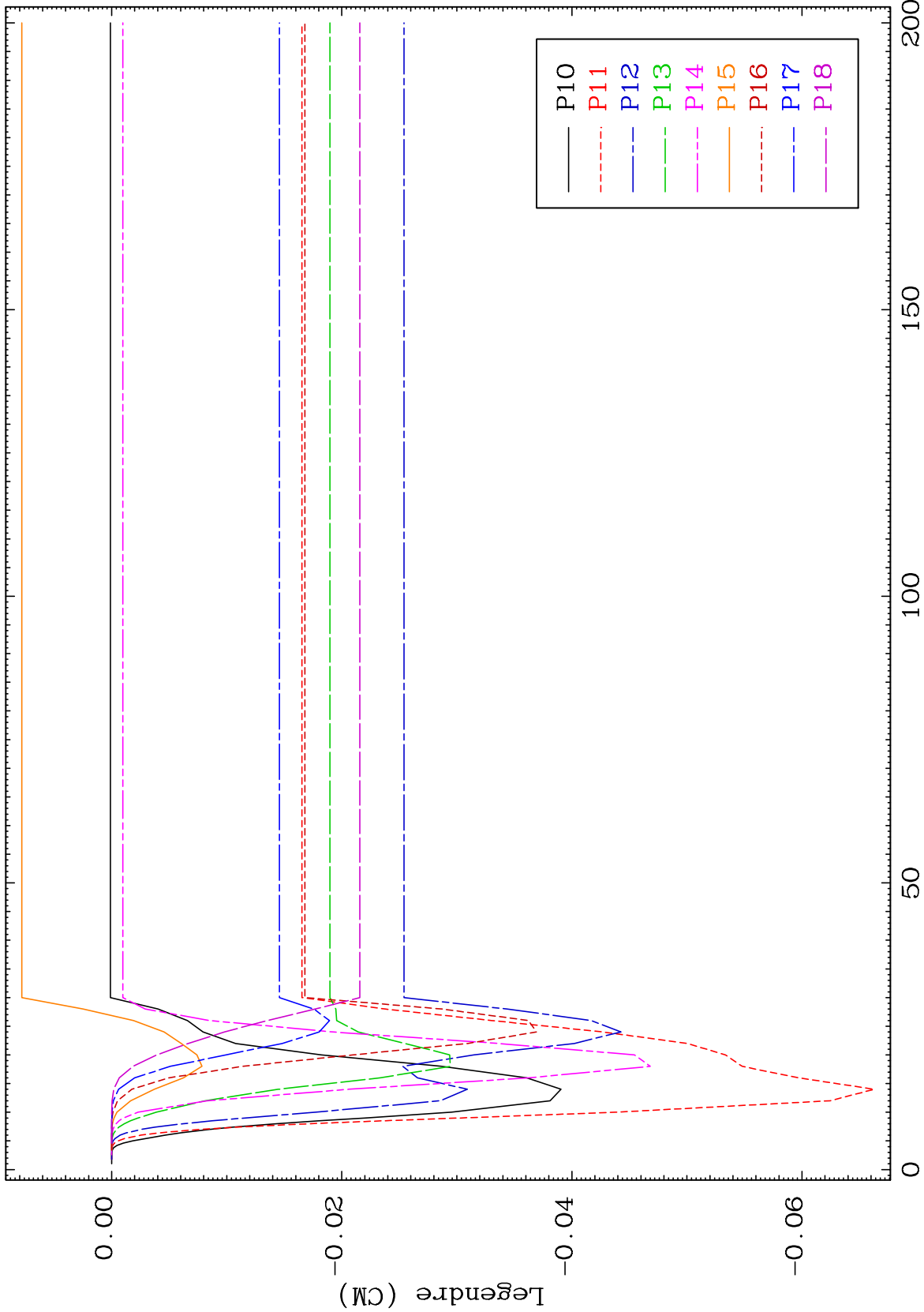
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

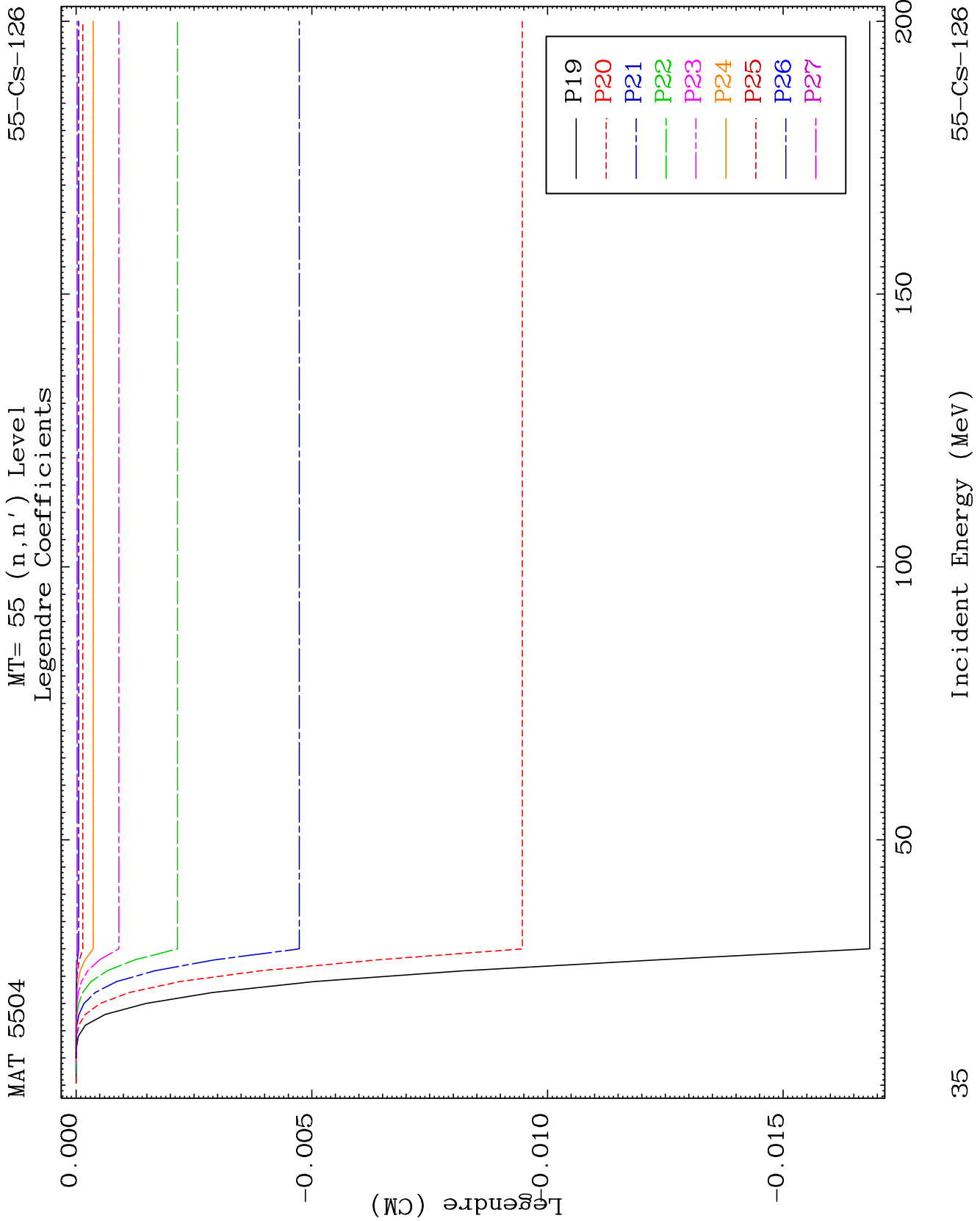
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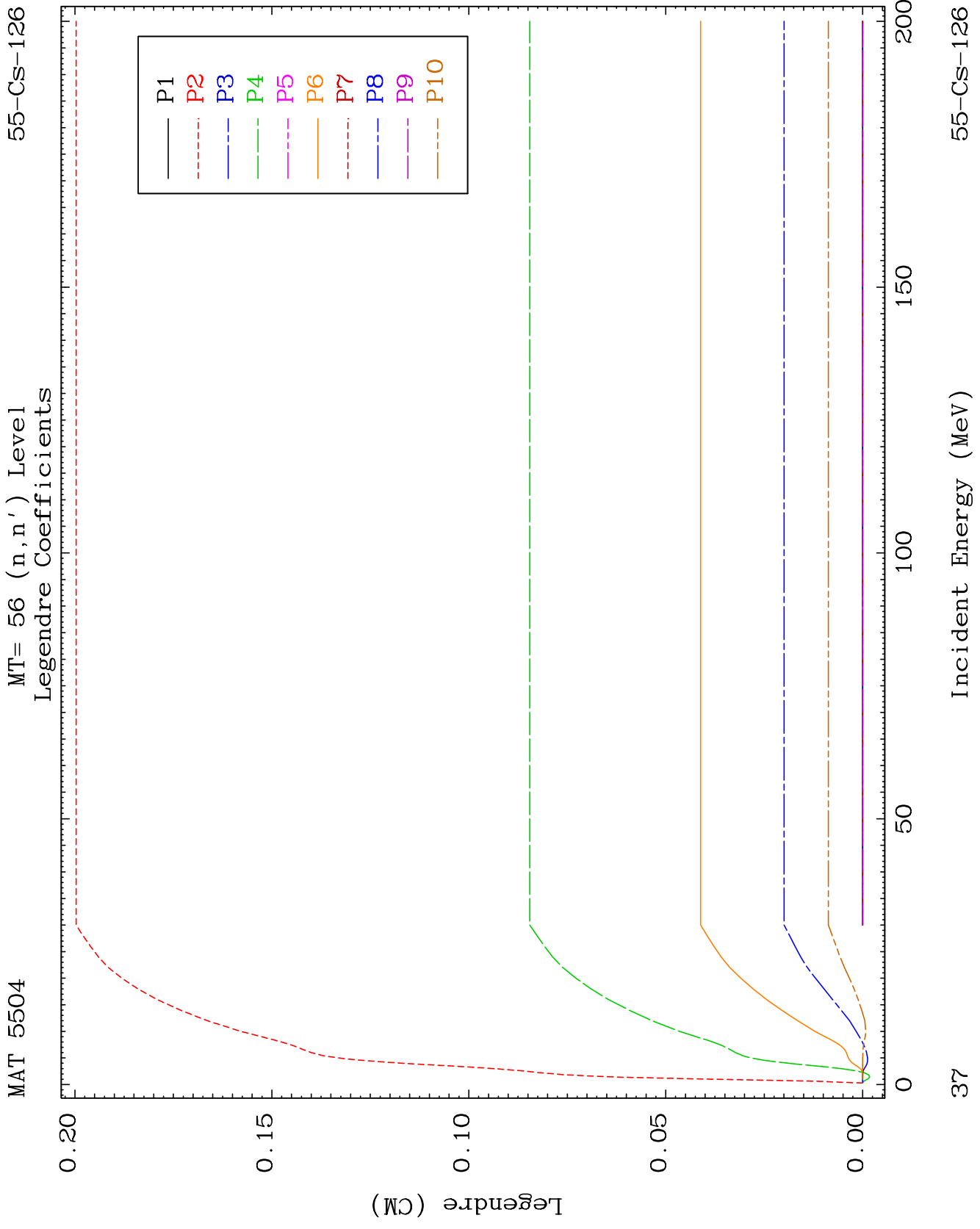


34

Incident Energy (MeV)

55-Cs-126





55-Cs-126

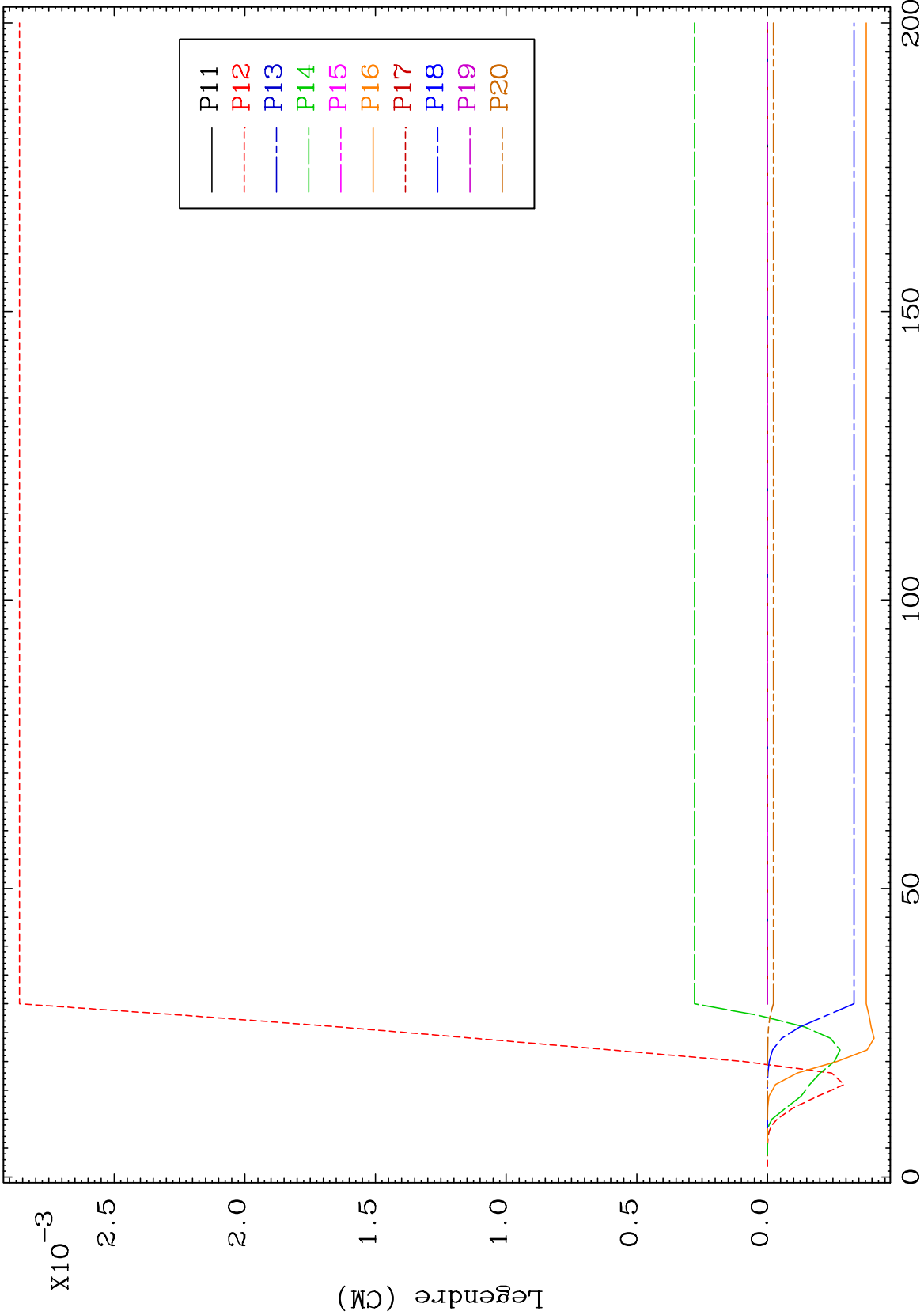
Incident Energy (MeV)

37

MAT 5504

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

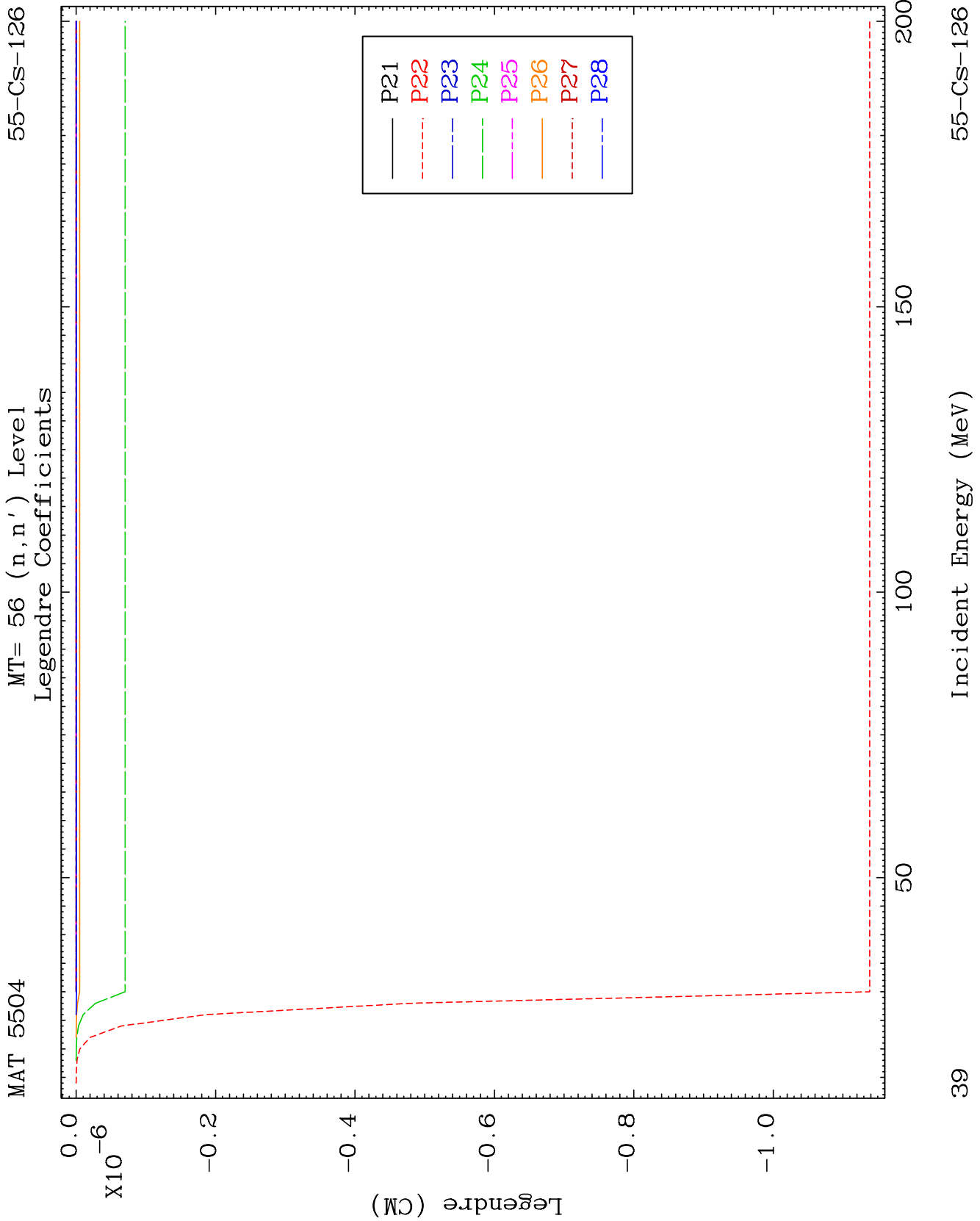
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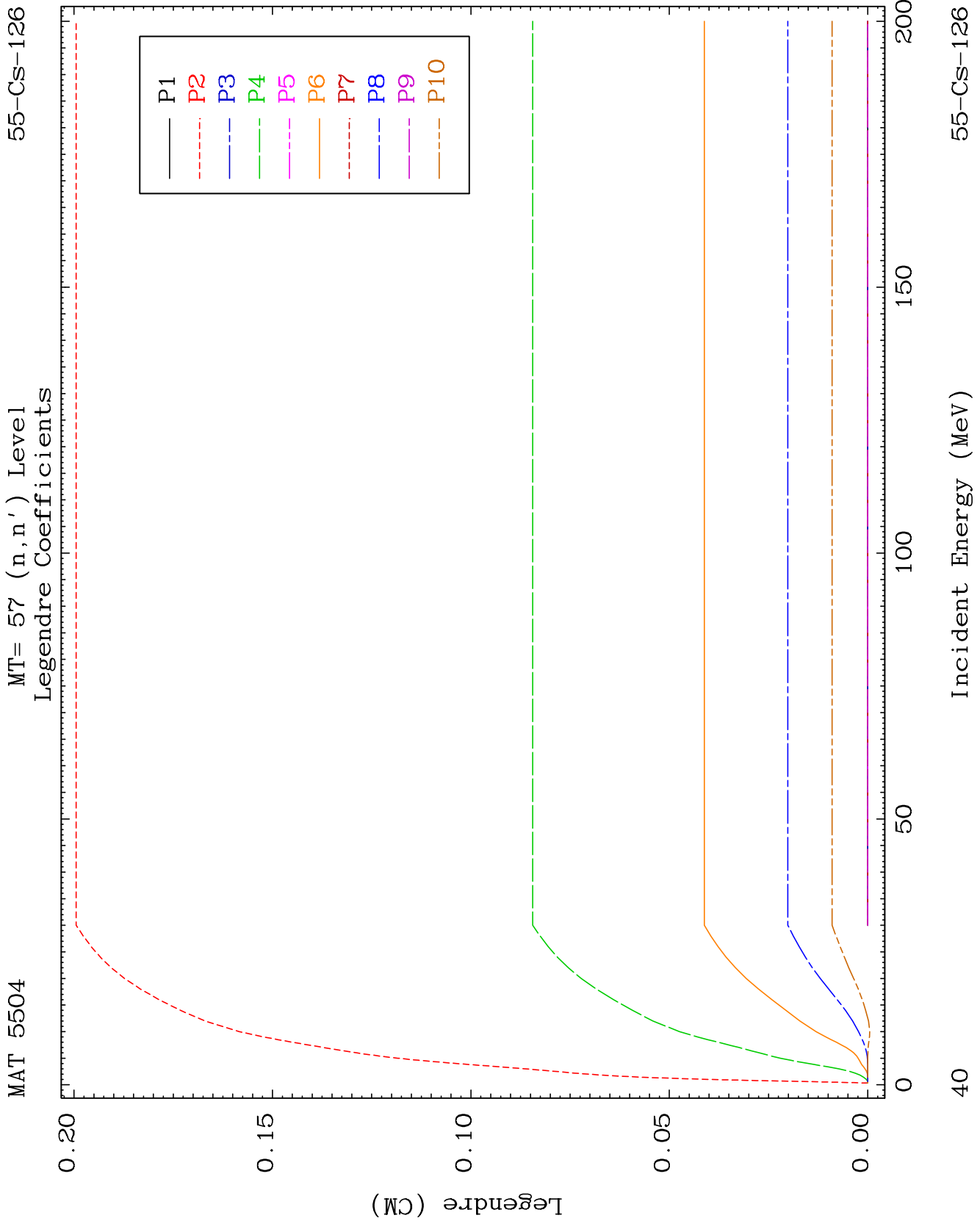


38

Incident Energy (MeV)

55-Cs-126

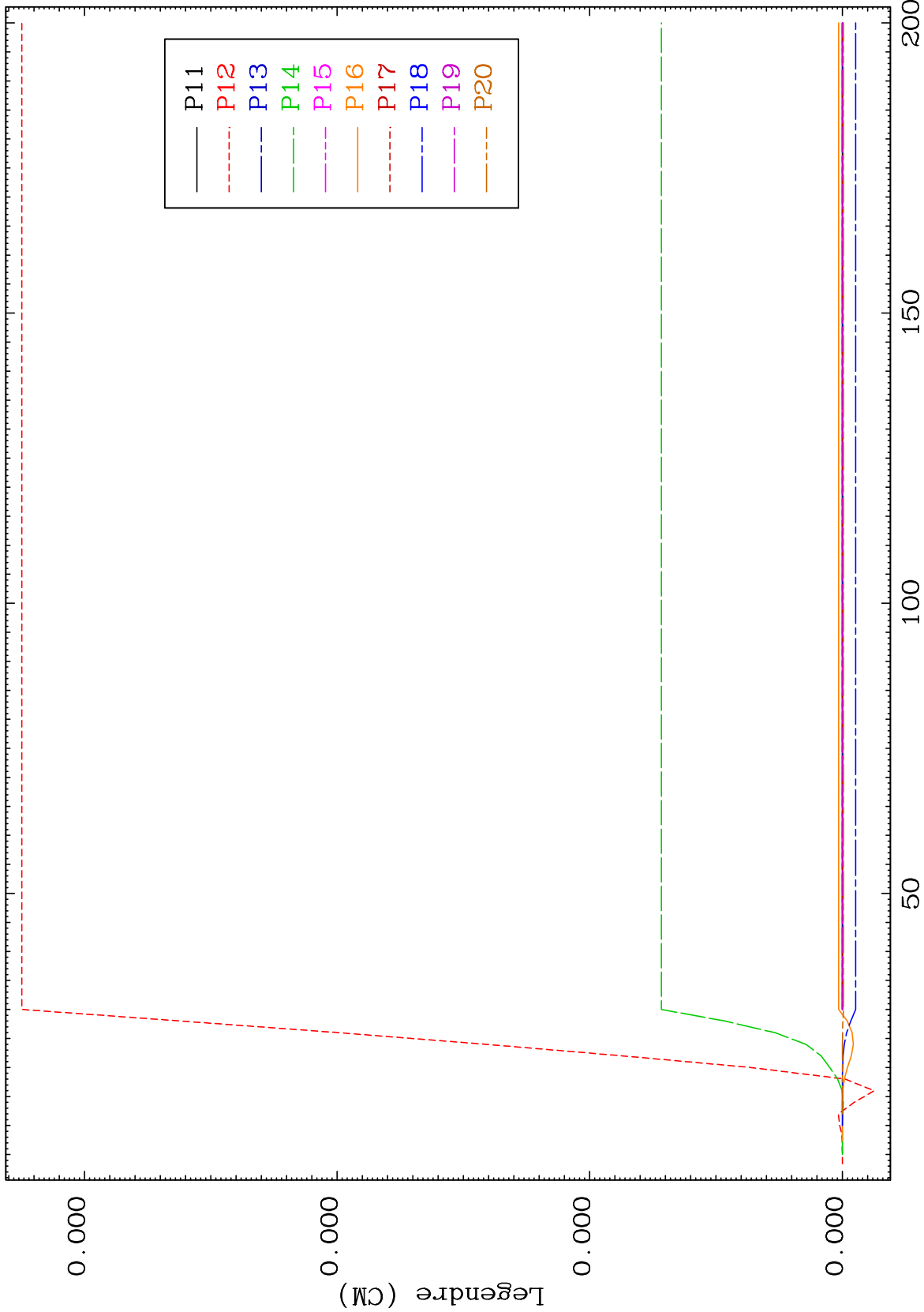




MAT 5504

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

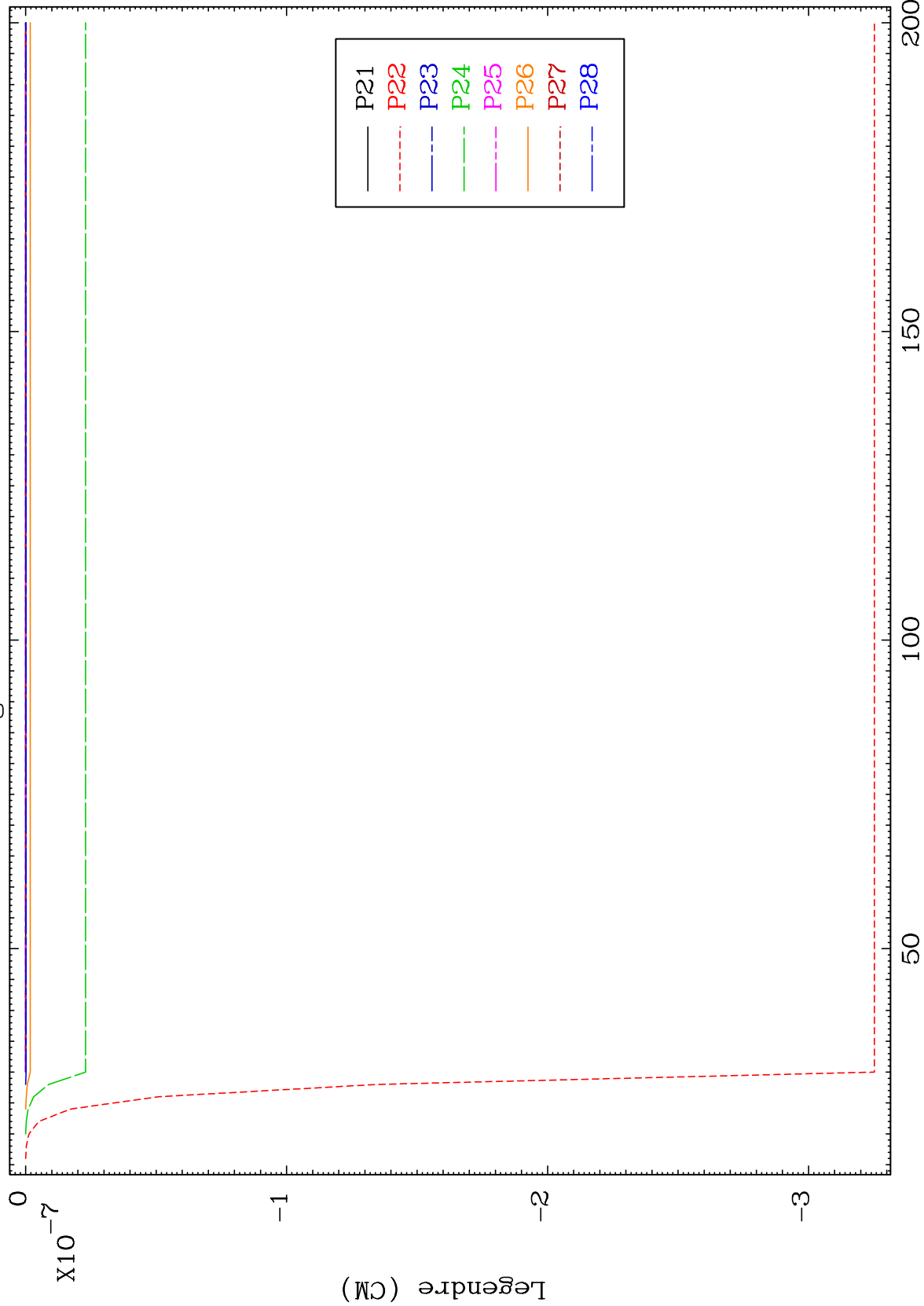
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

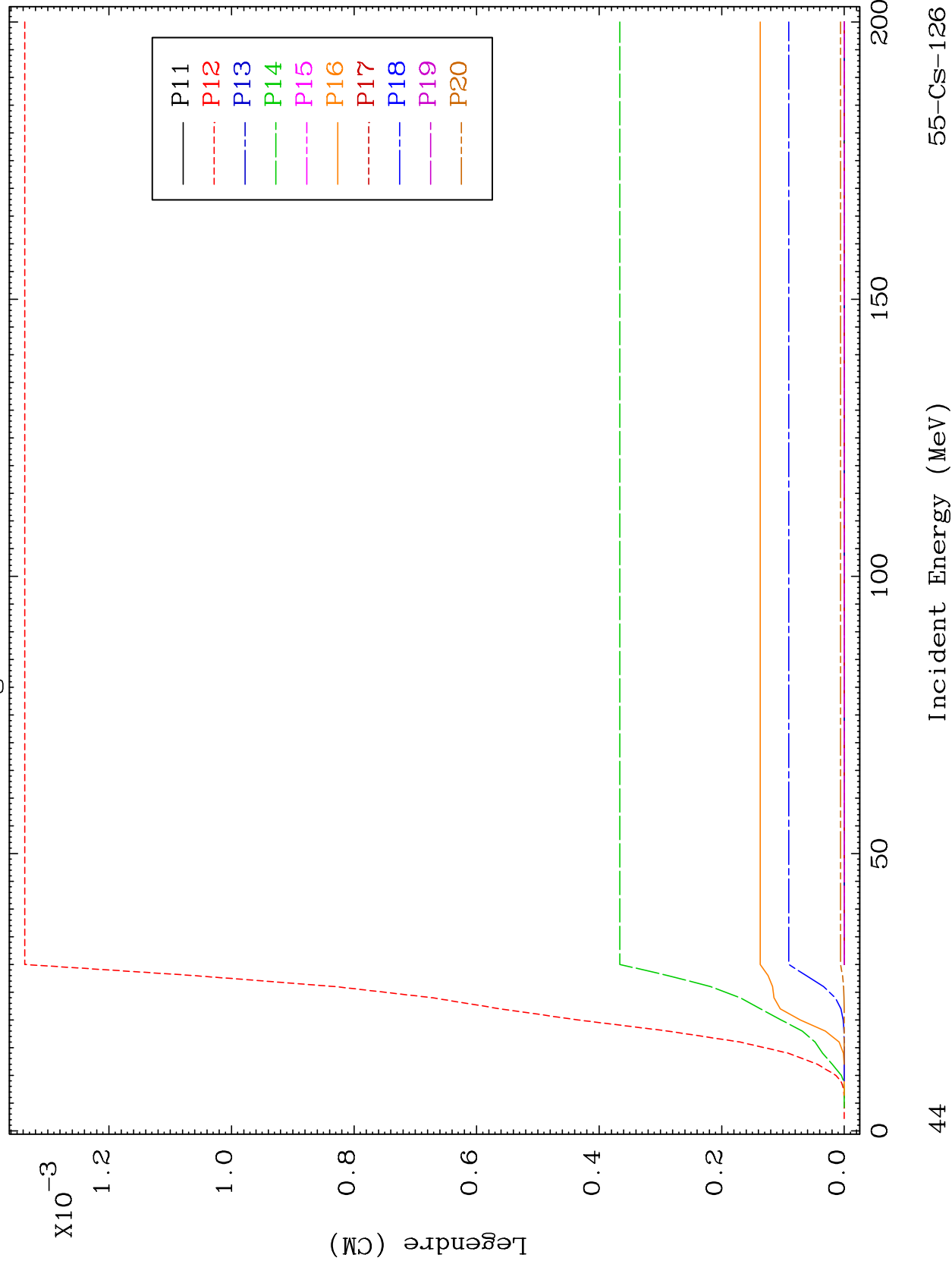
Incident Energy (MeV)

42

MAT 5504

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

55-Cs-126



44

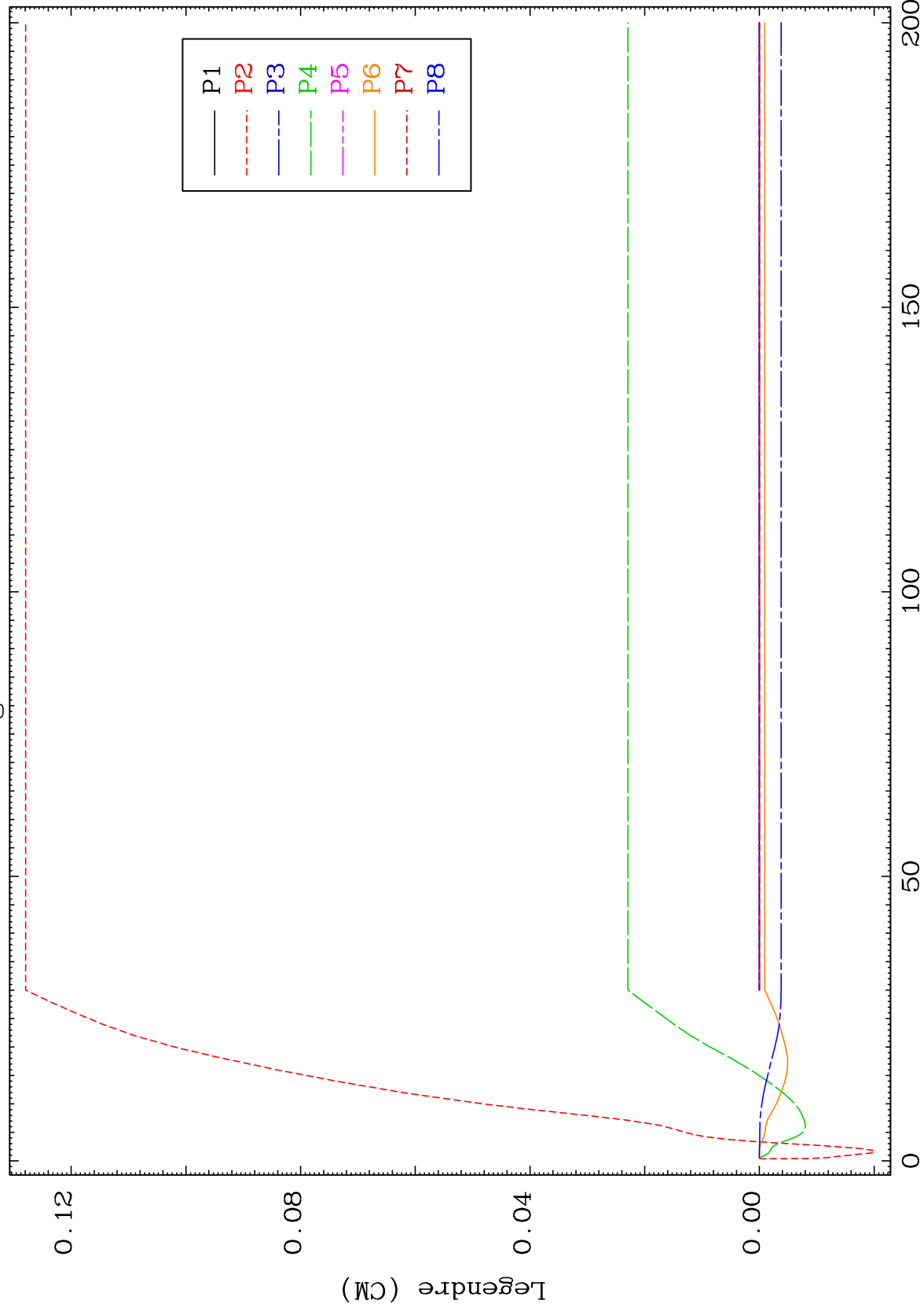
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



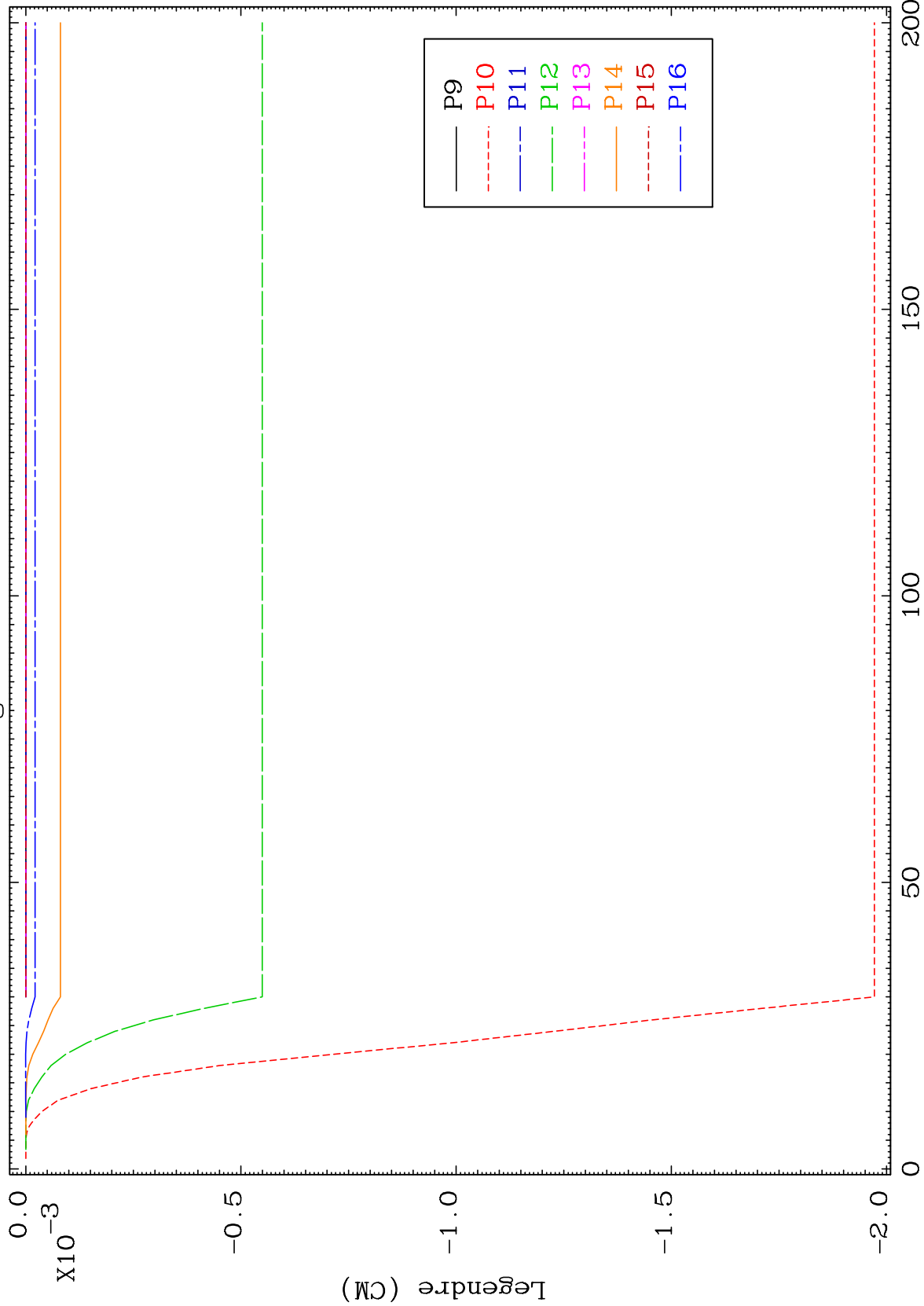
55-Cs-126

Incident Energy (MeV)

46

MAT 5504 MT= 59 (n,n') Level 55-Cs-126

Legendre Coefficients

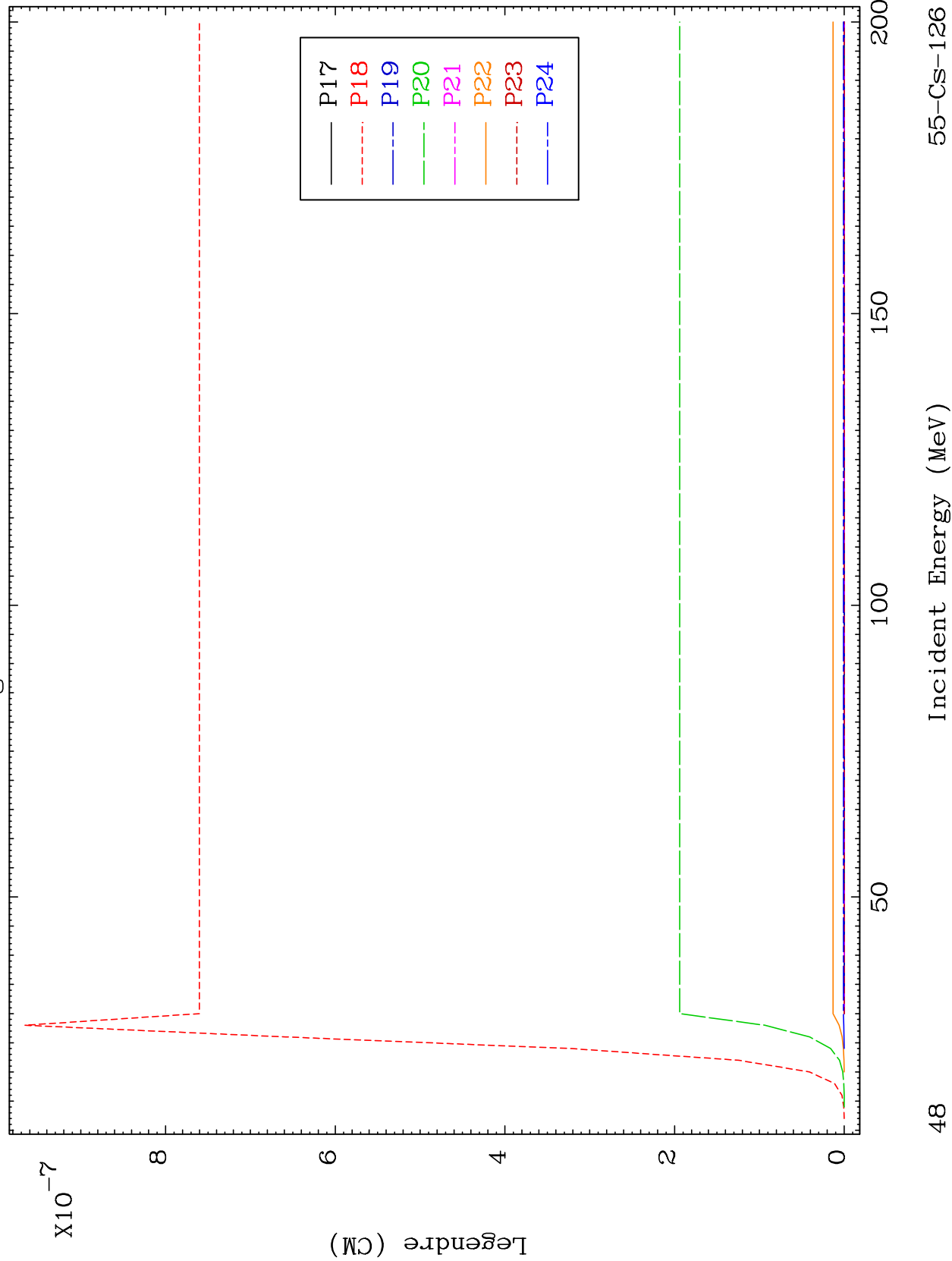


47 Incident Energy (MeV) 55-Cs-126

MAT 5504

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

55-Cs-126



55-Cs-126

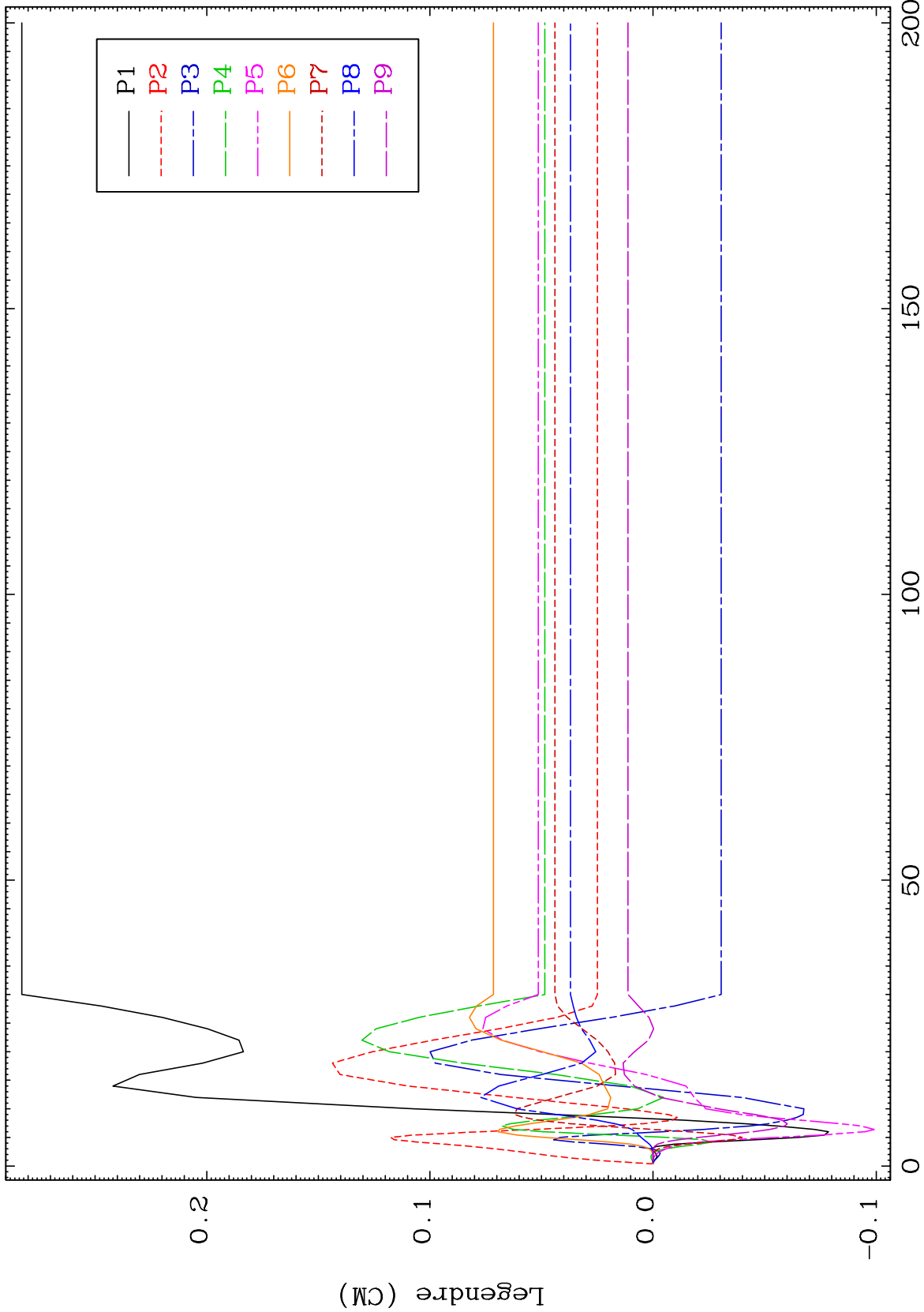
Incident Energy (MeV)

48

MAT 5504

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

55-Cs-126



49

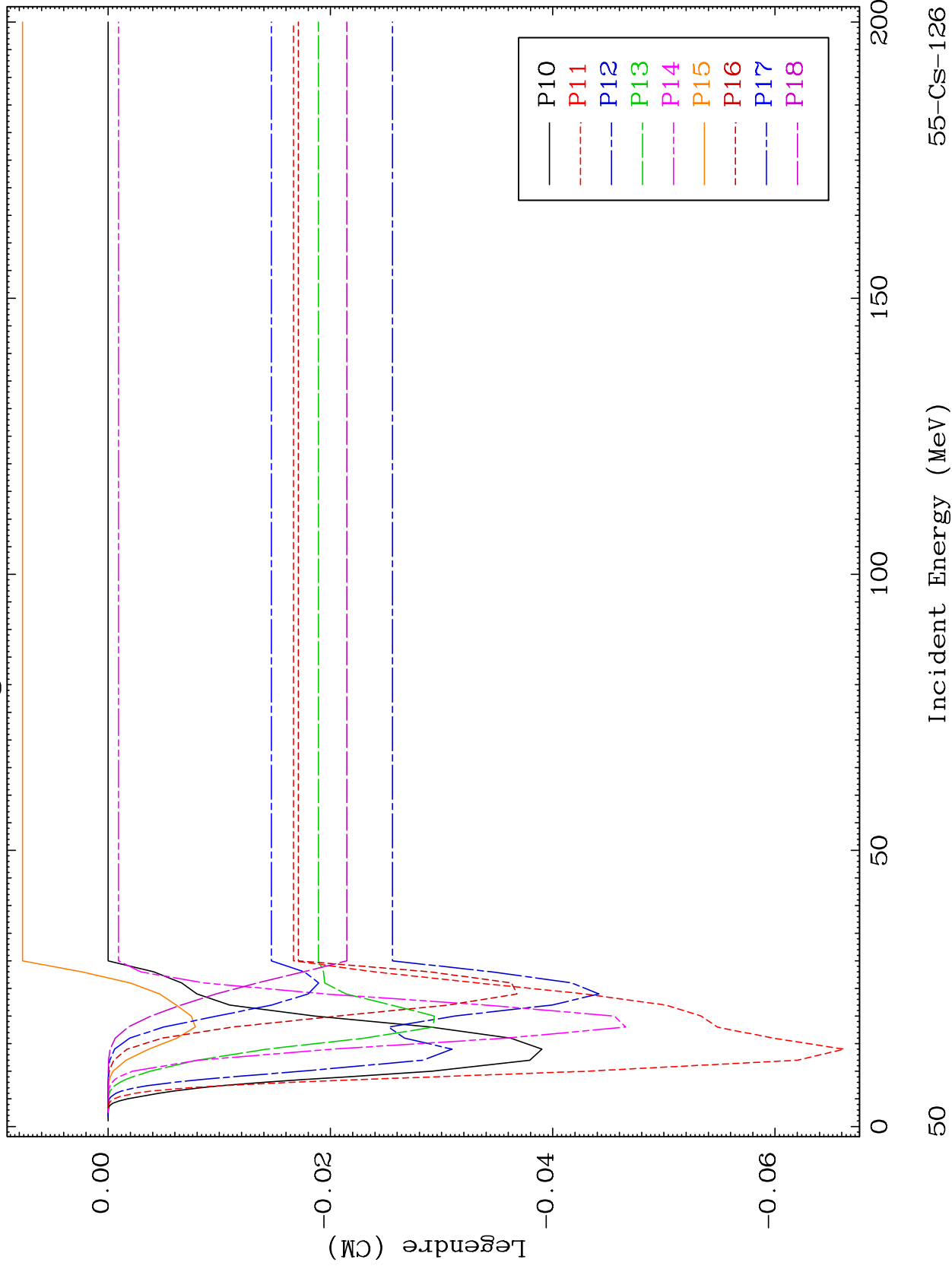
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

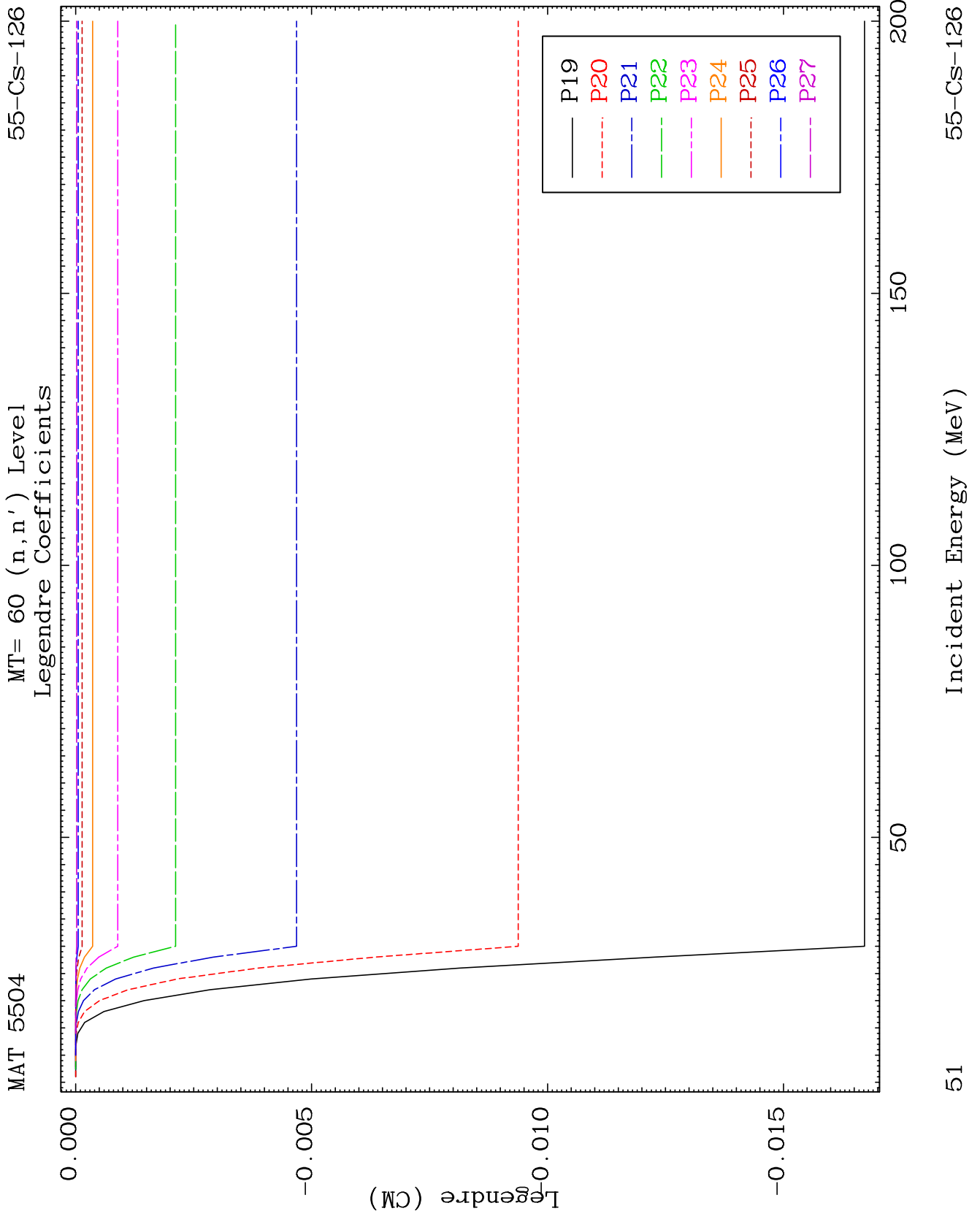
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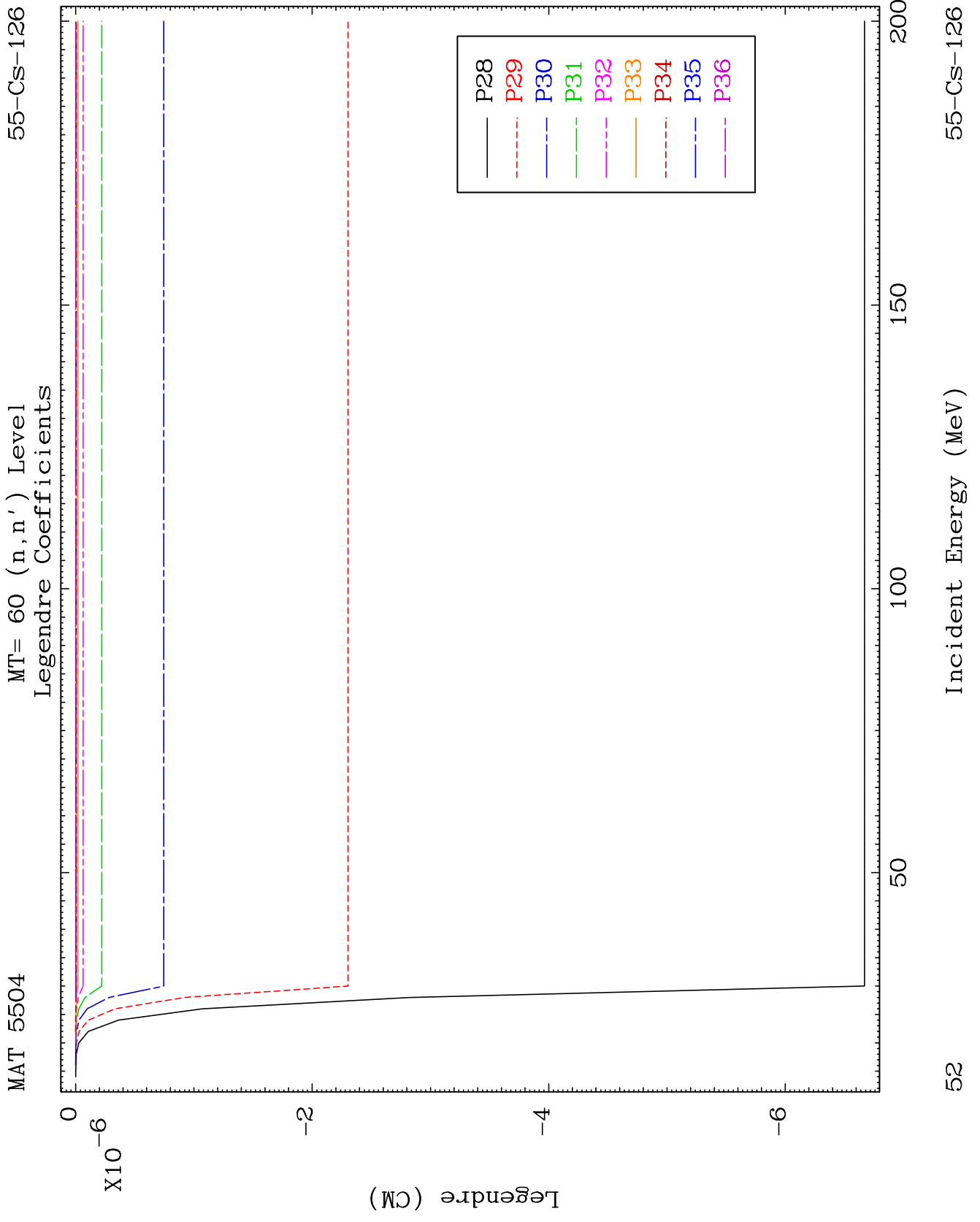


55-Cs-126

Incident Energy (MeV)

50

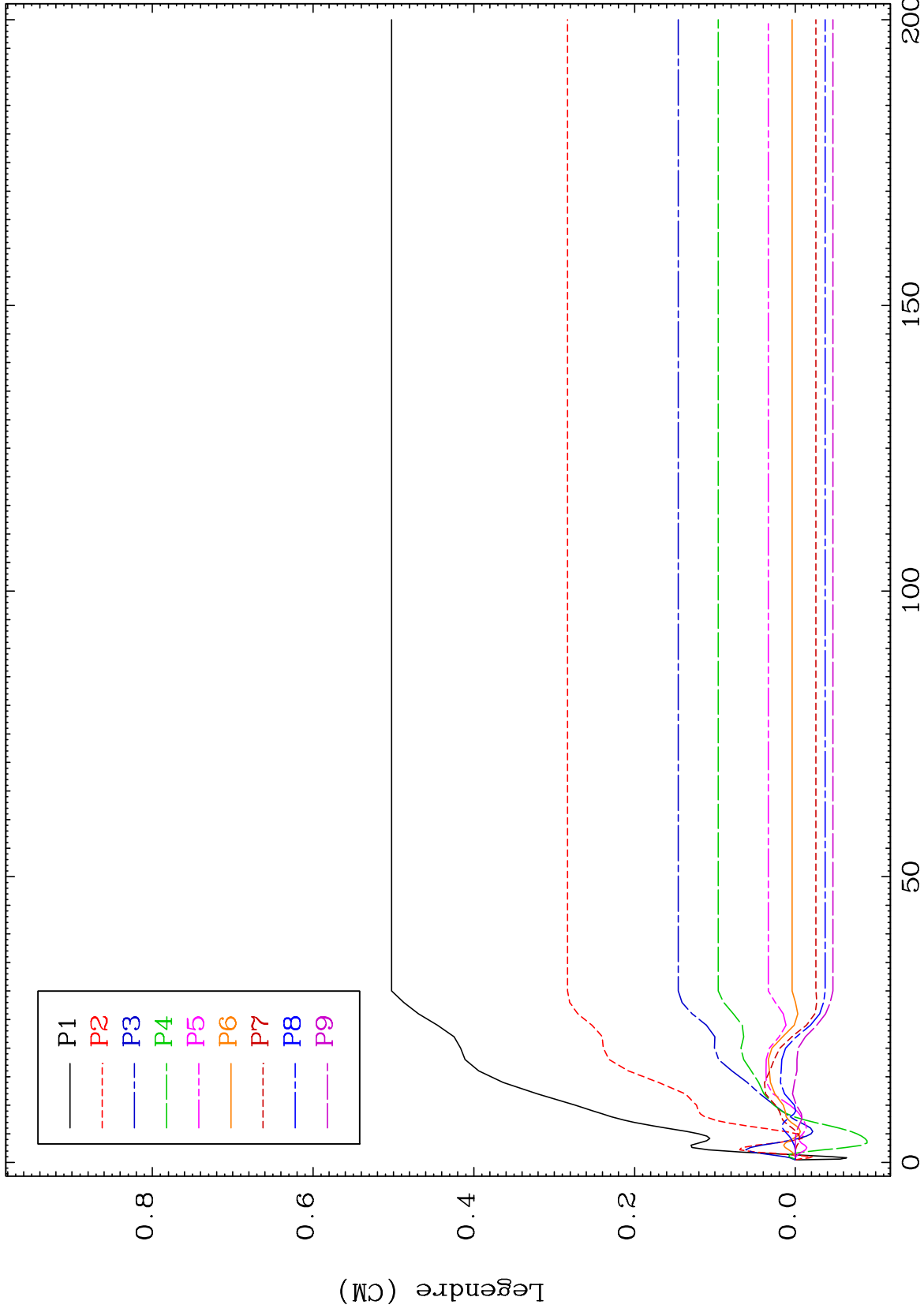




MAT 5504

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

55-Cs-126



53

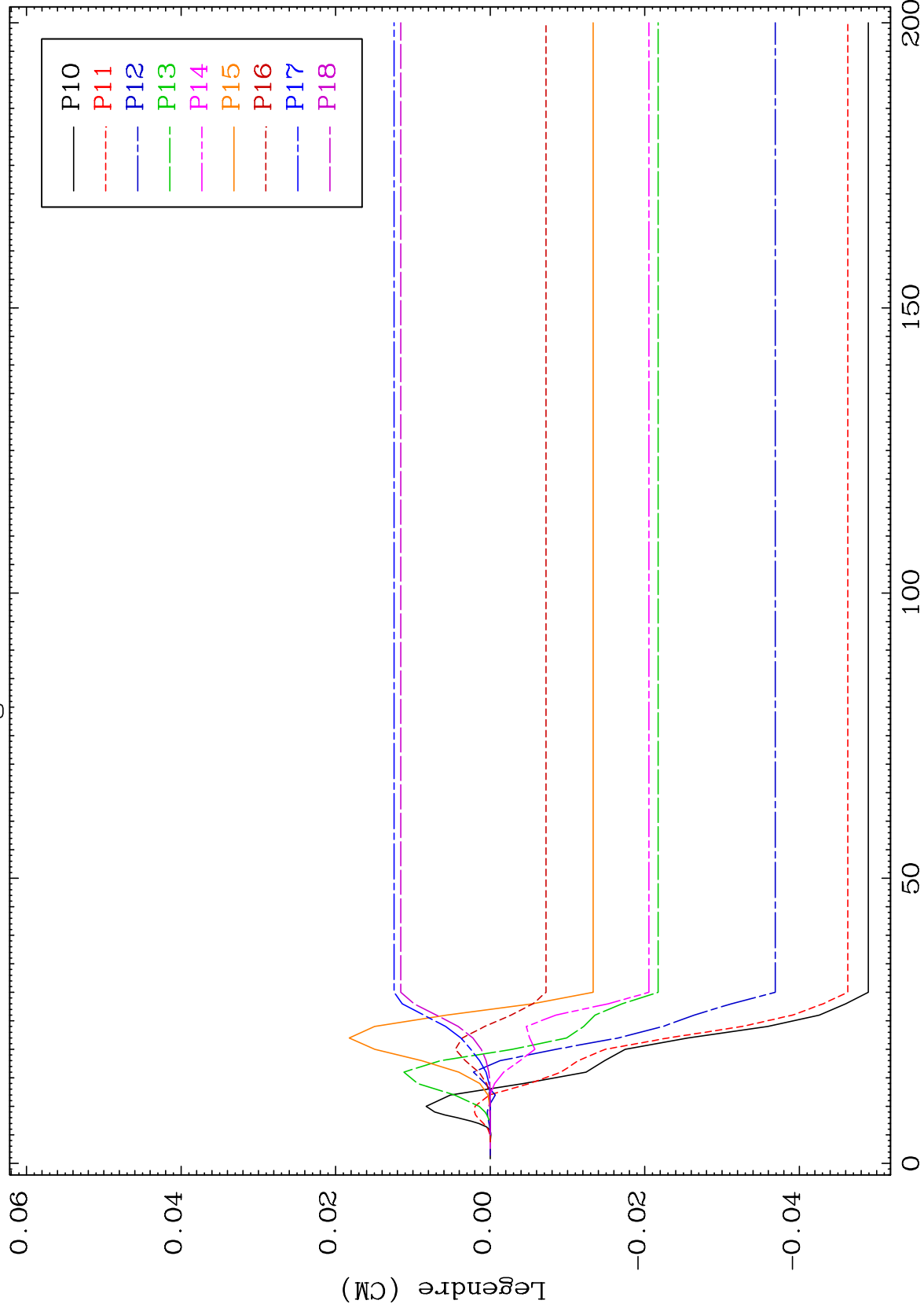
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



54

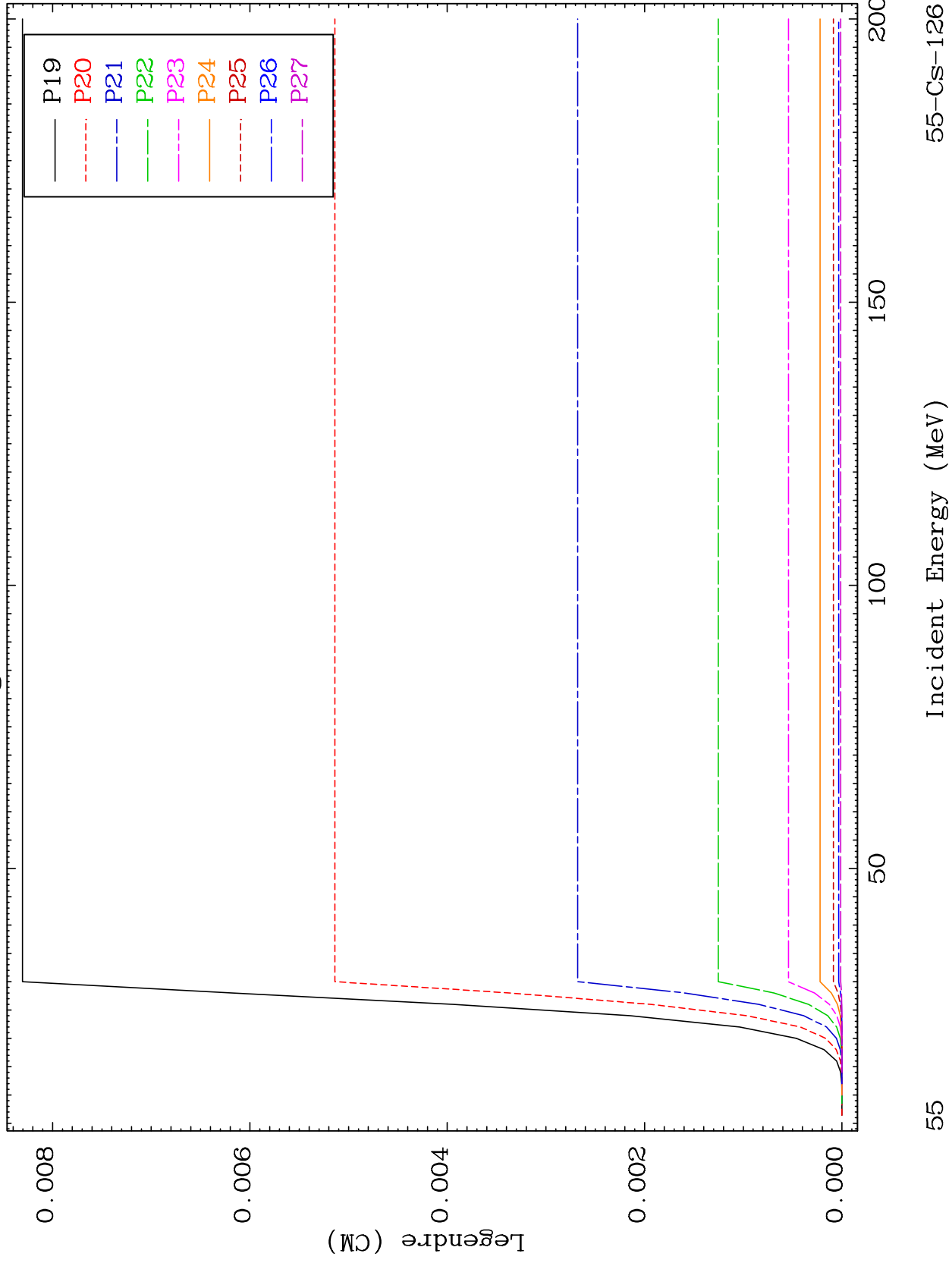
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55

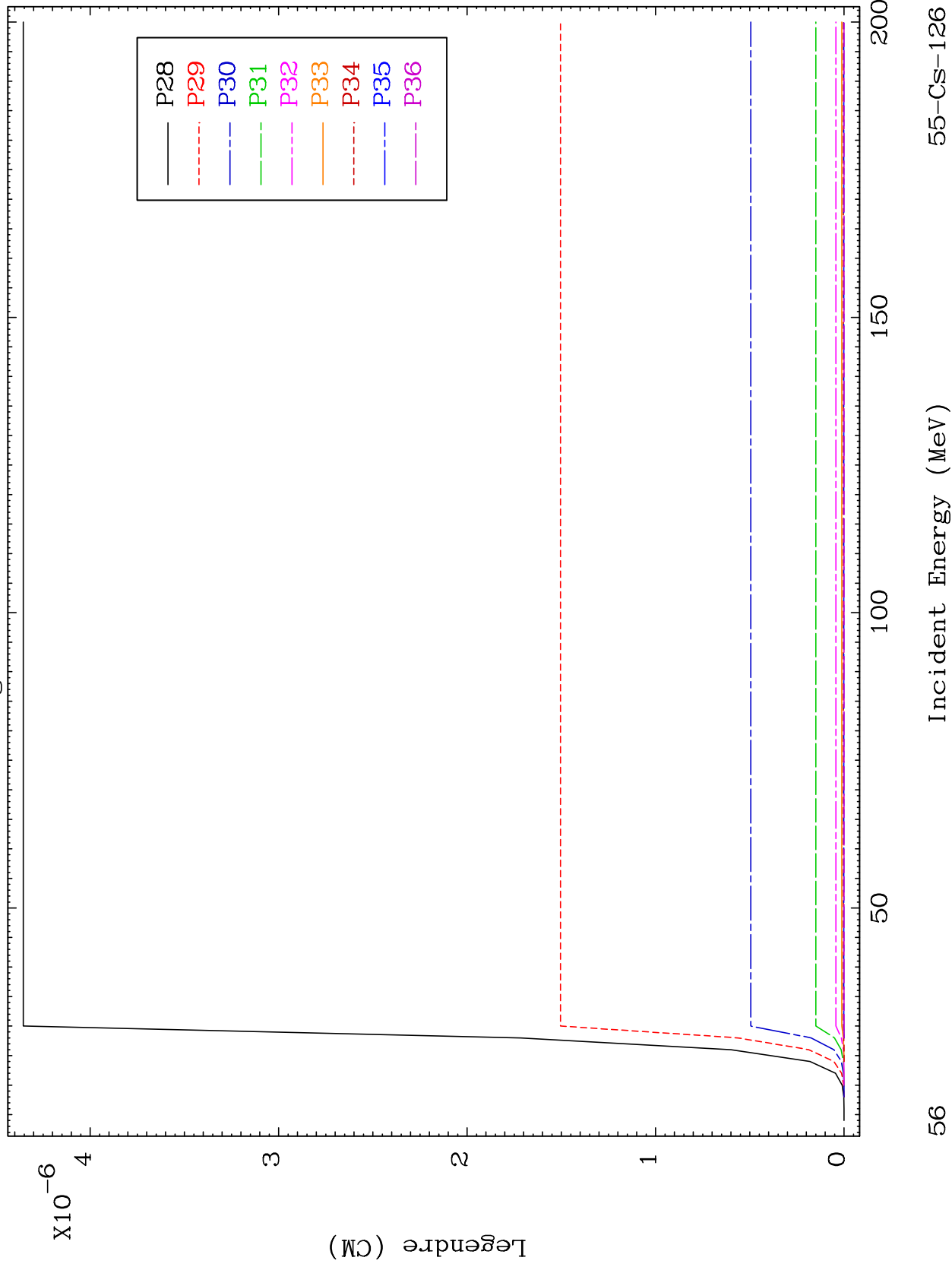
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

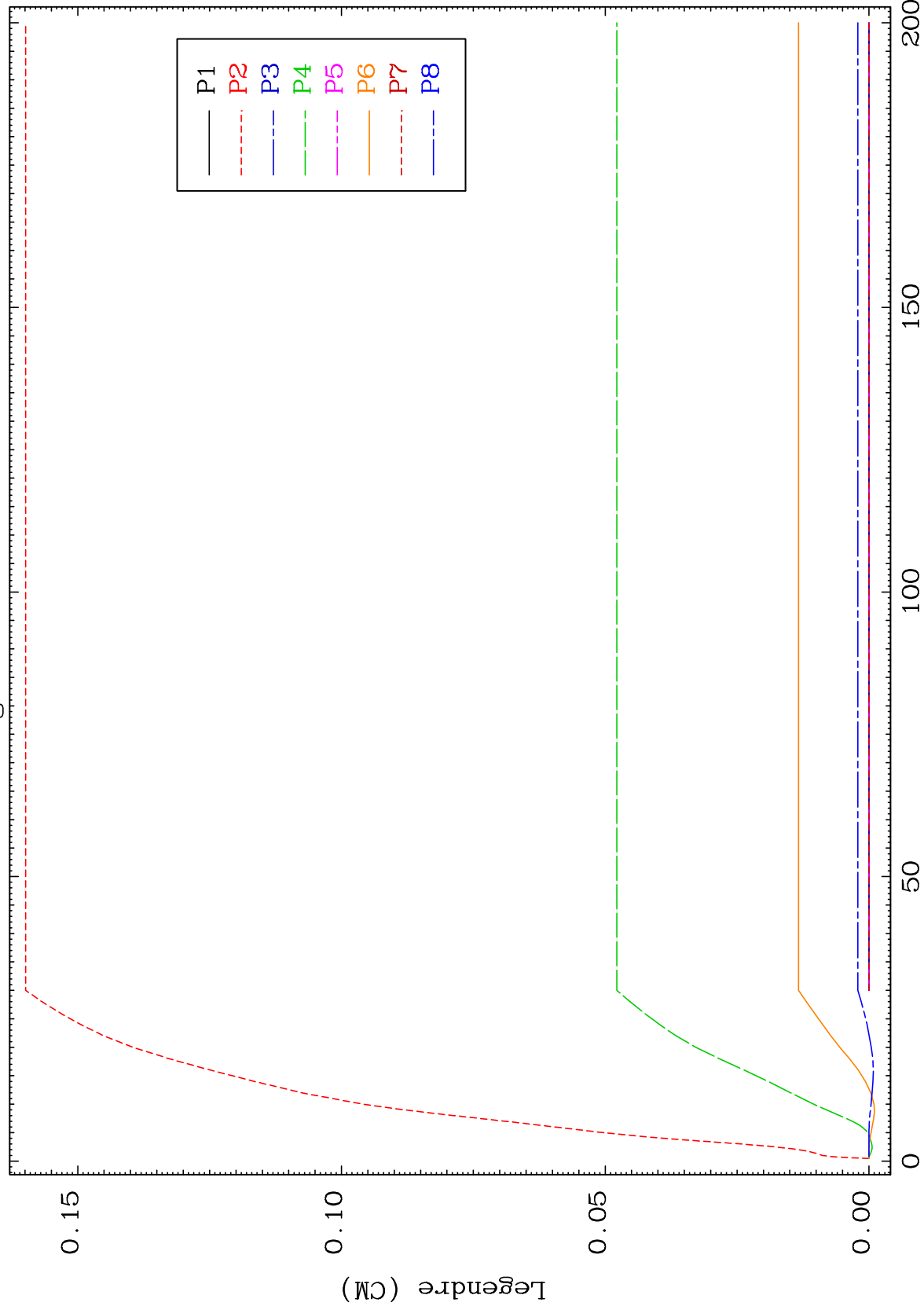
55-Cs-126



MAT 5504

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

55-Cs-126



57

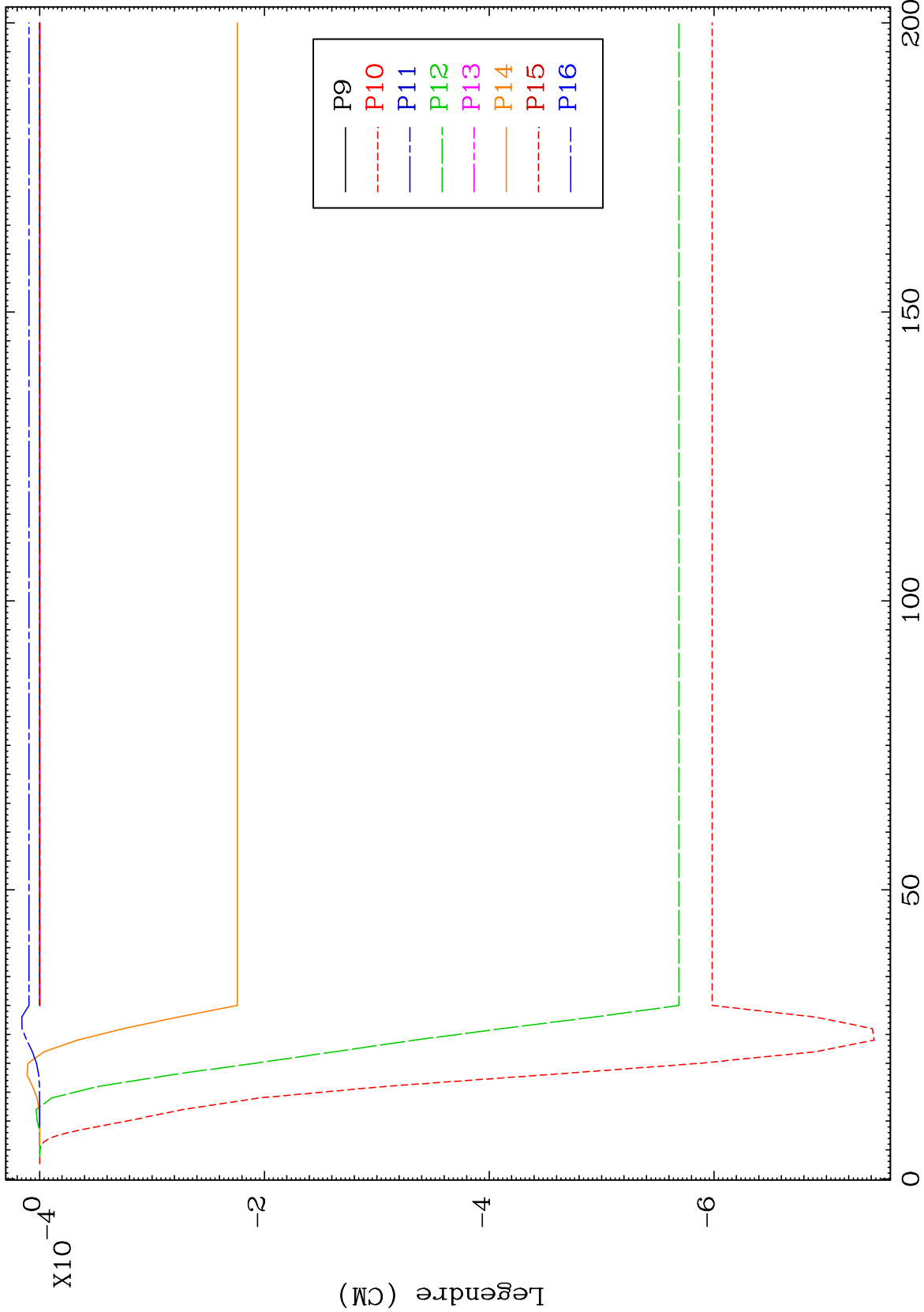
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

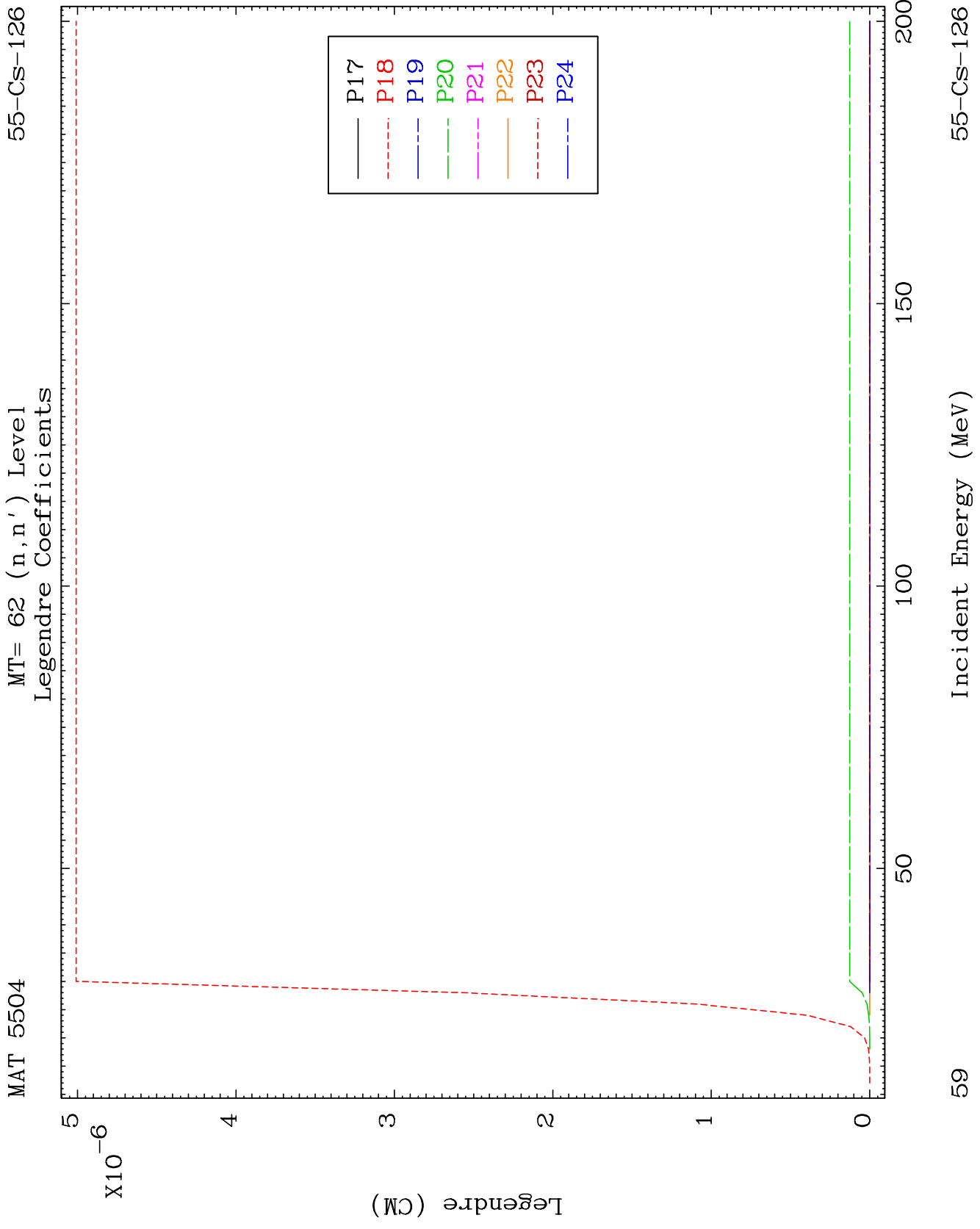
55-Cs-126



58

Incident Energy (MeV)

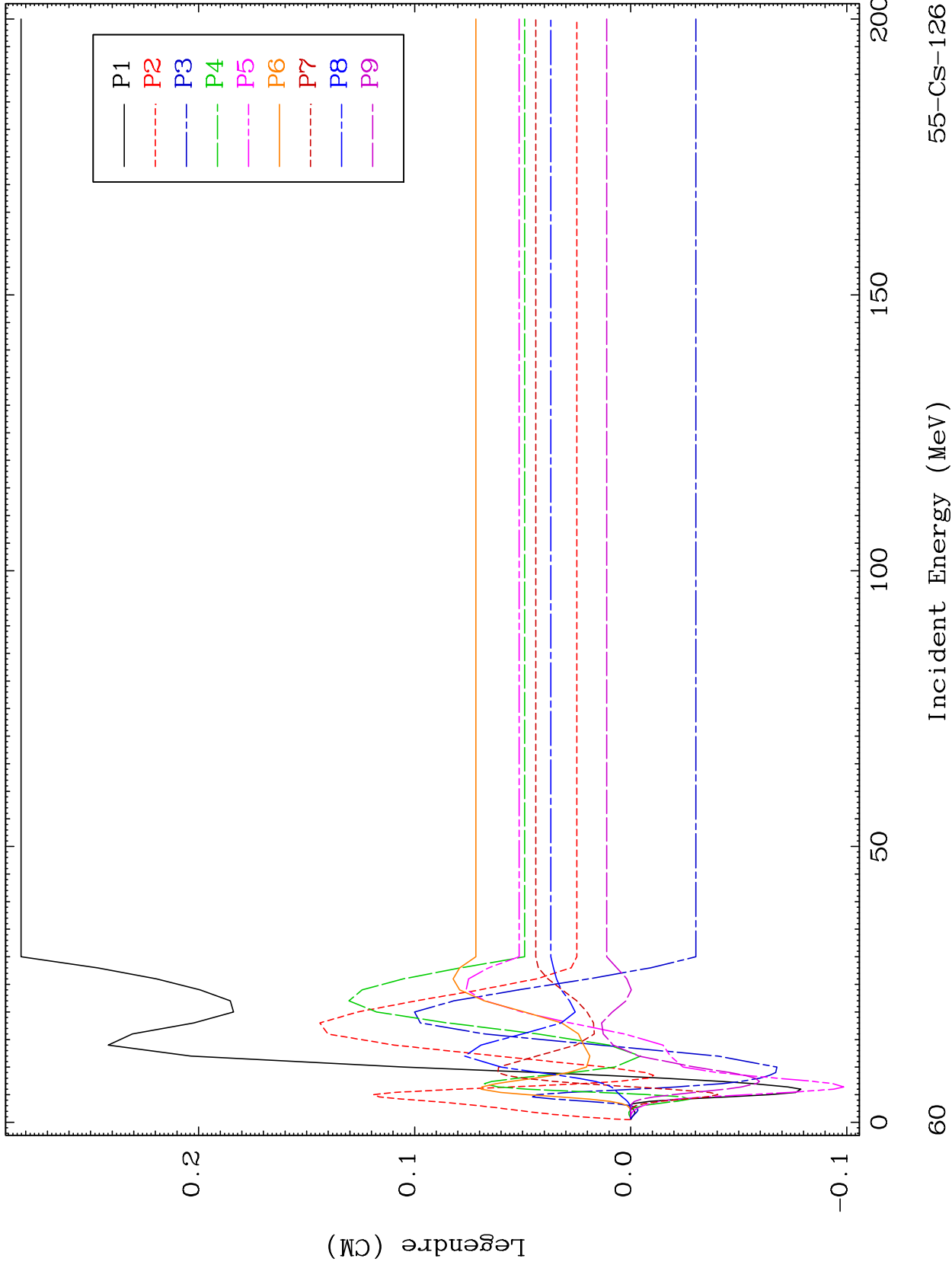
55-Cs-126



MAT 5504

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

55-Cs-126

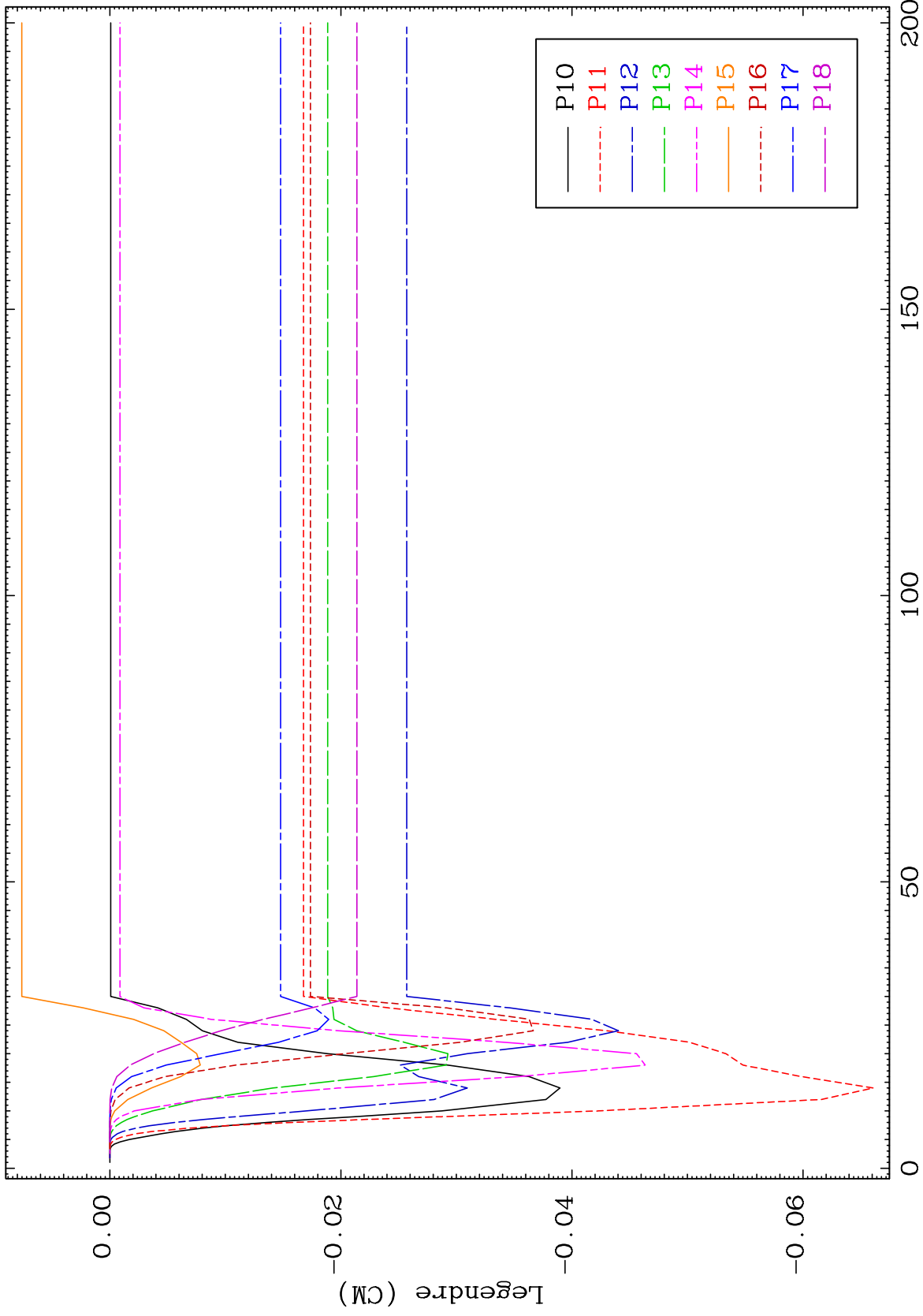


55-Cs-126

MAT 5504

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

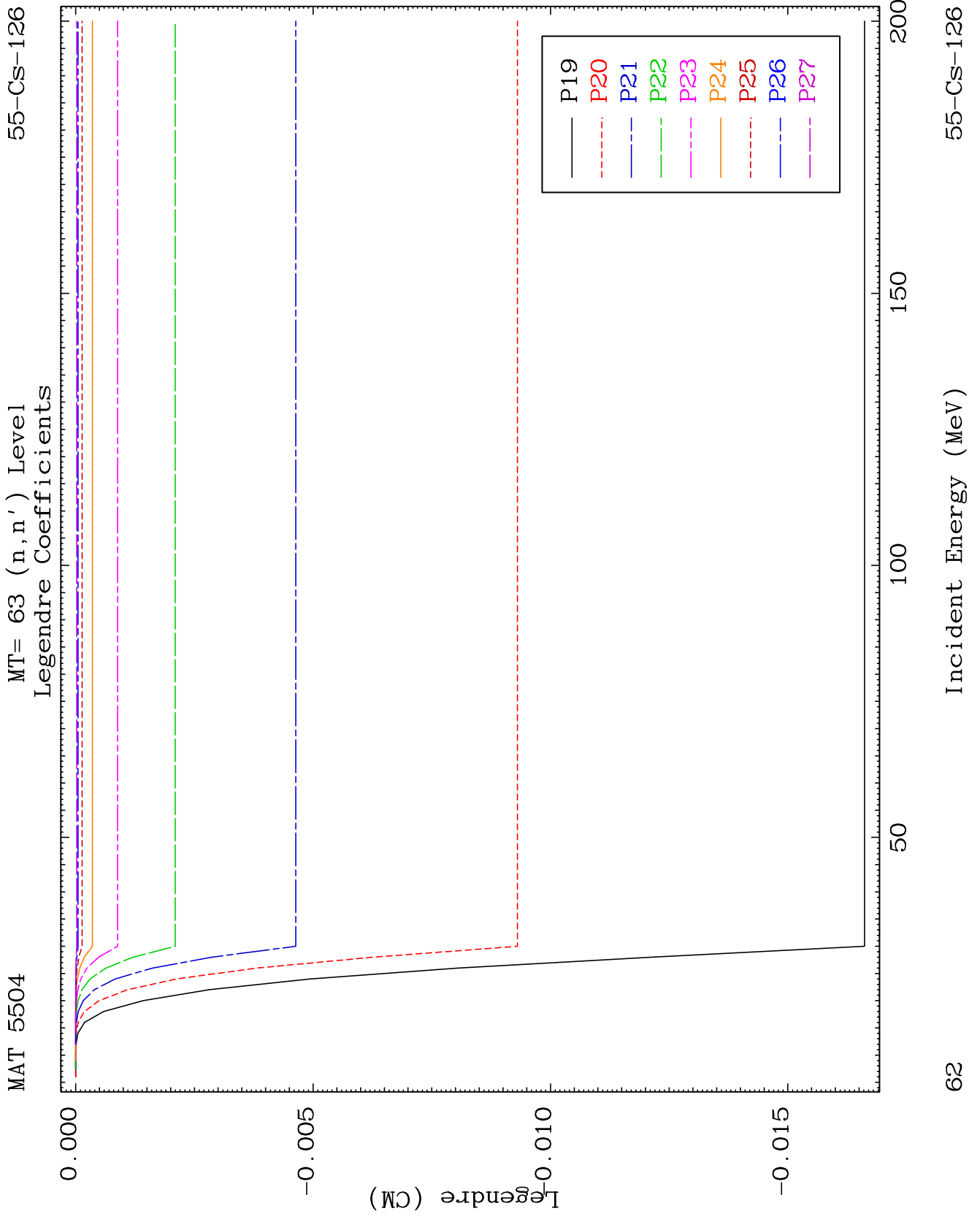
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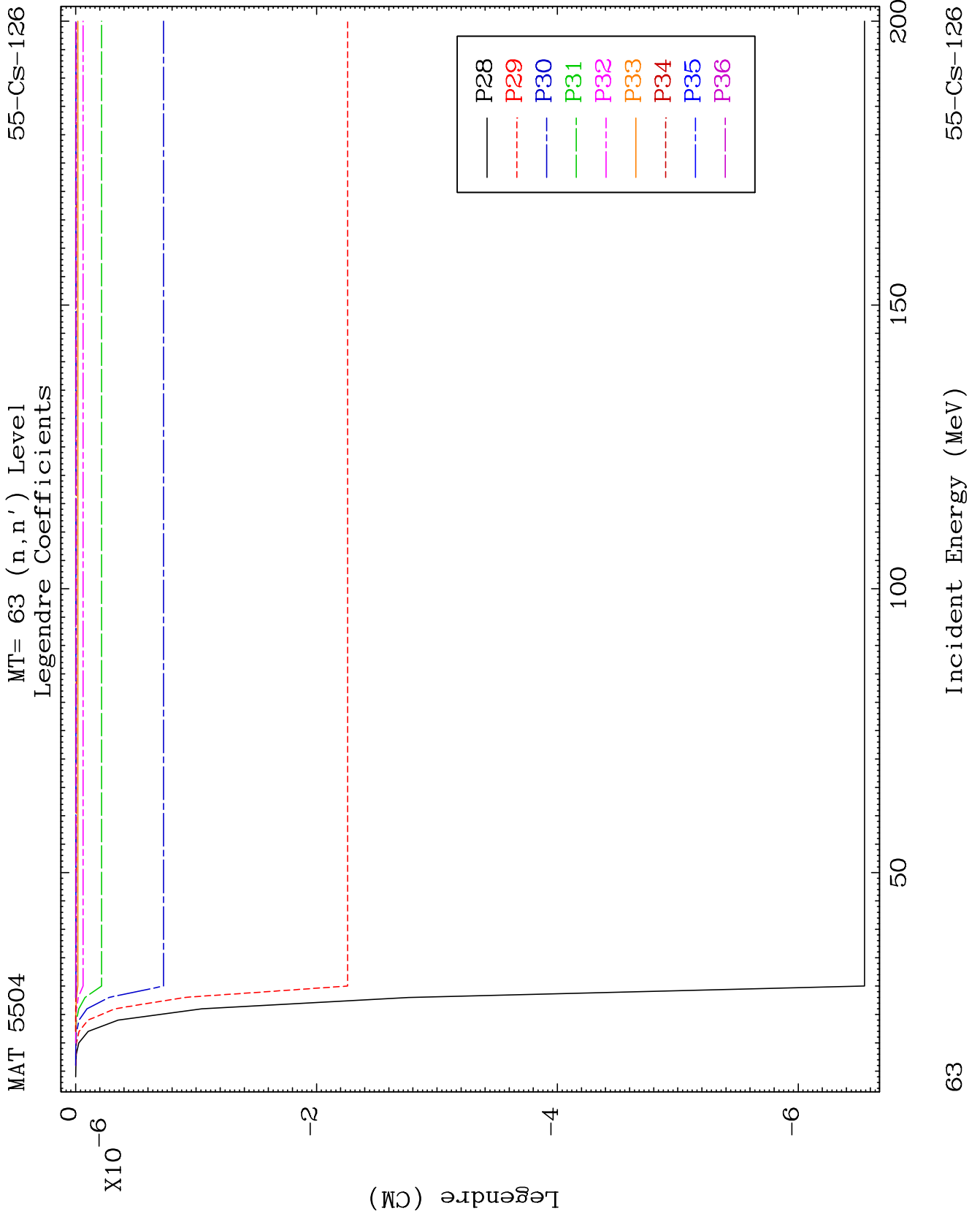


61

Incident Energy (MeV)

55-Cs-126

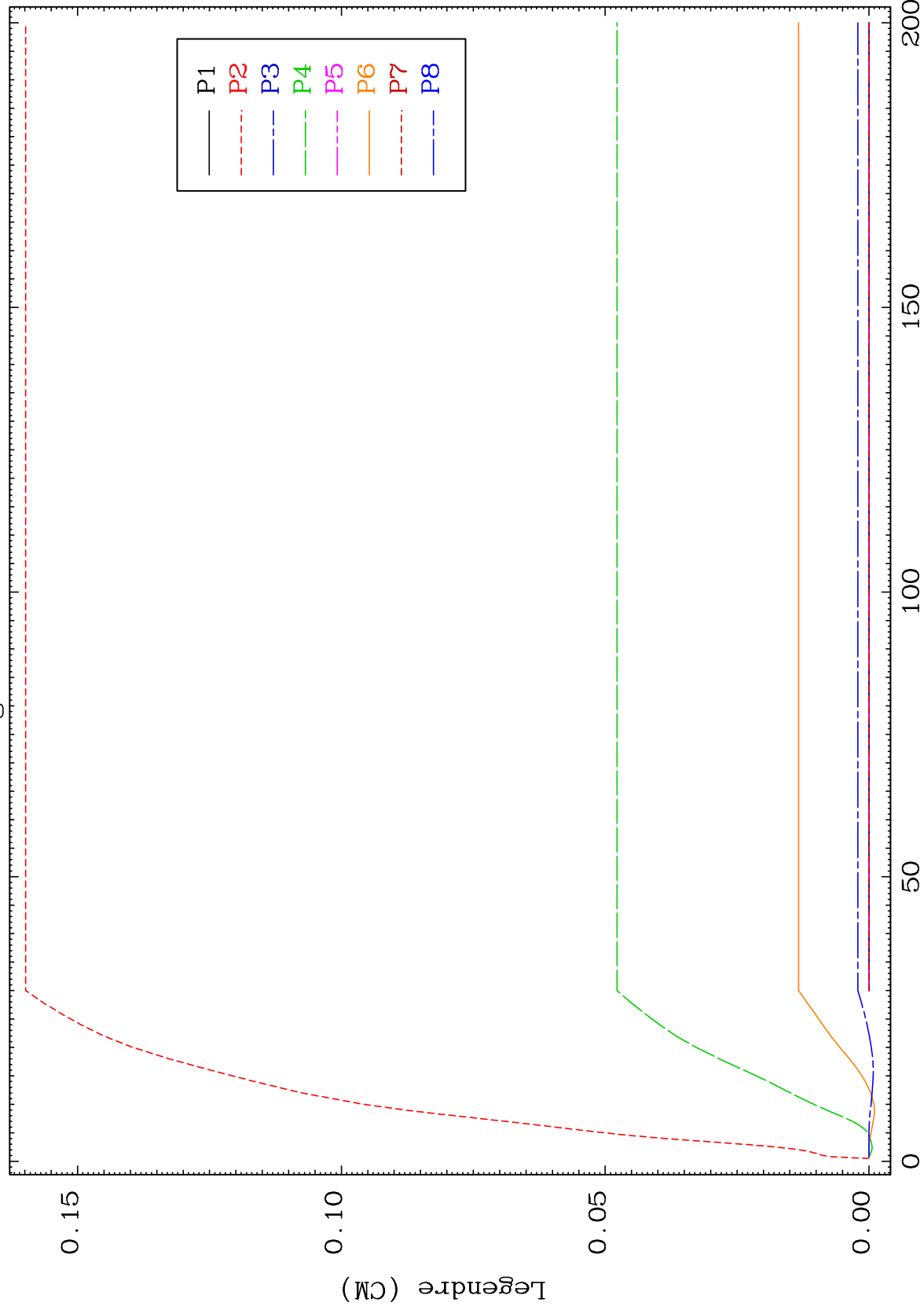




MAT 5504

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

55-Cs-126



64

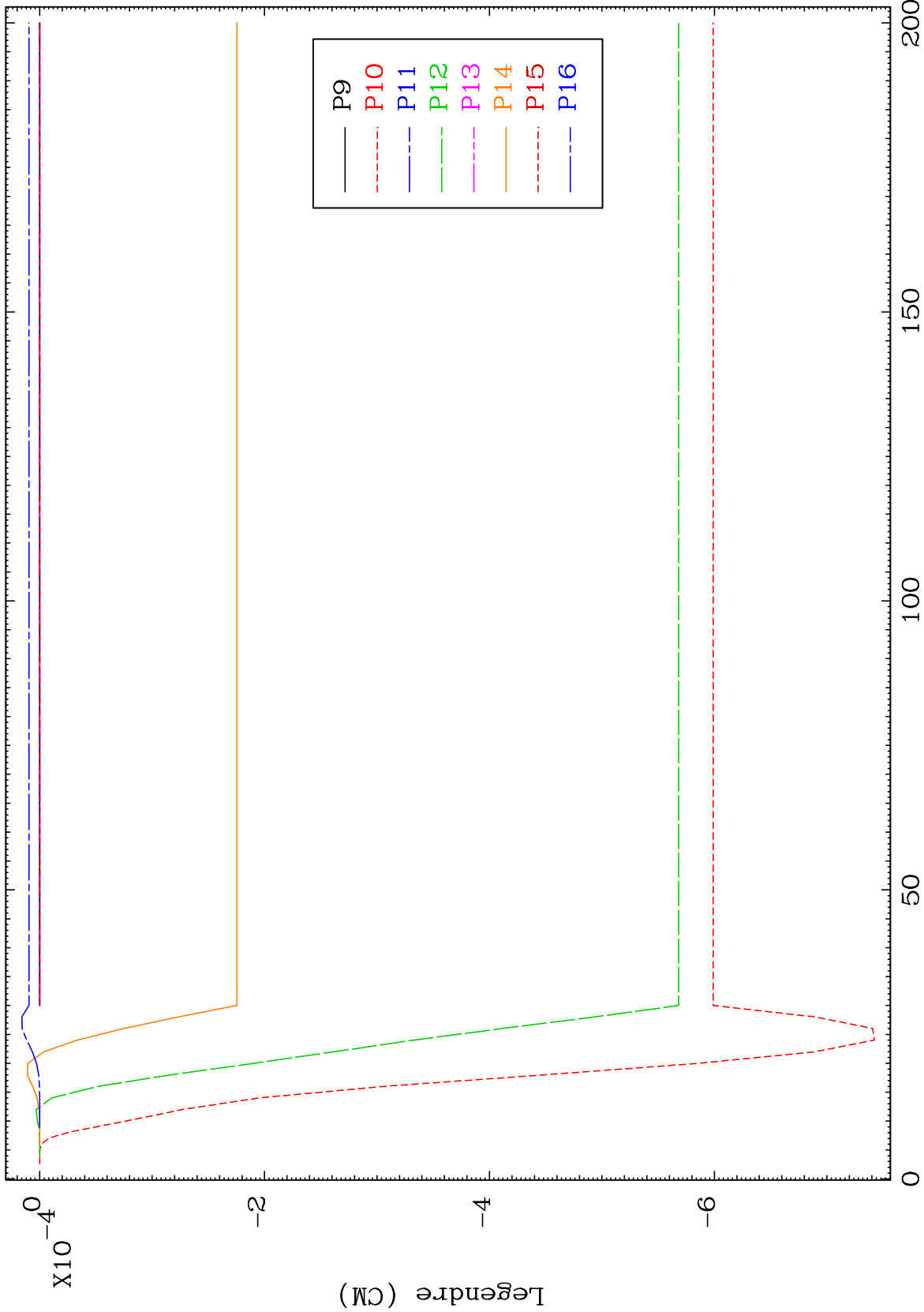
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



65

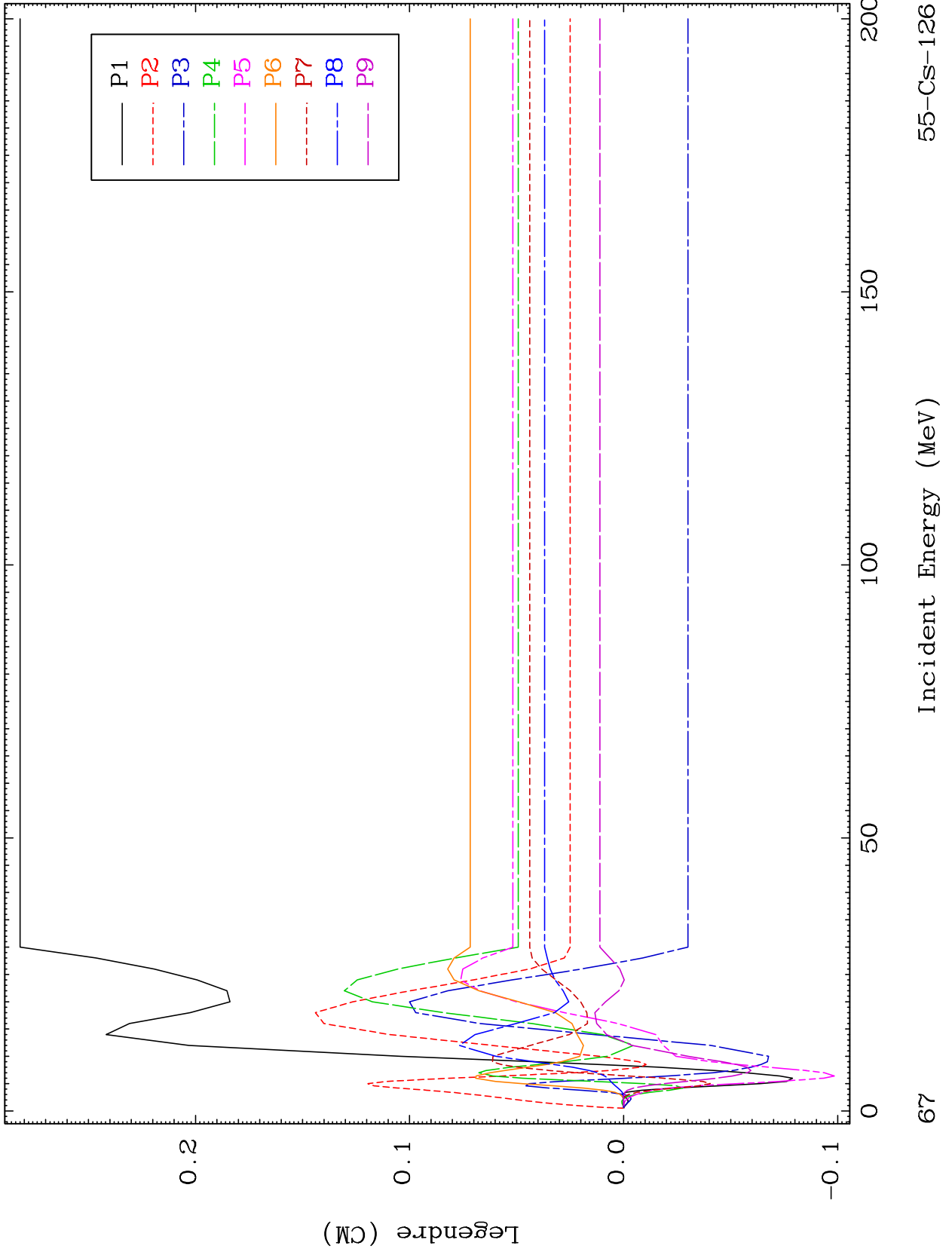
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



67

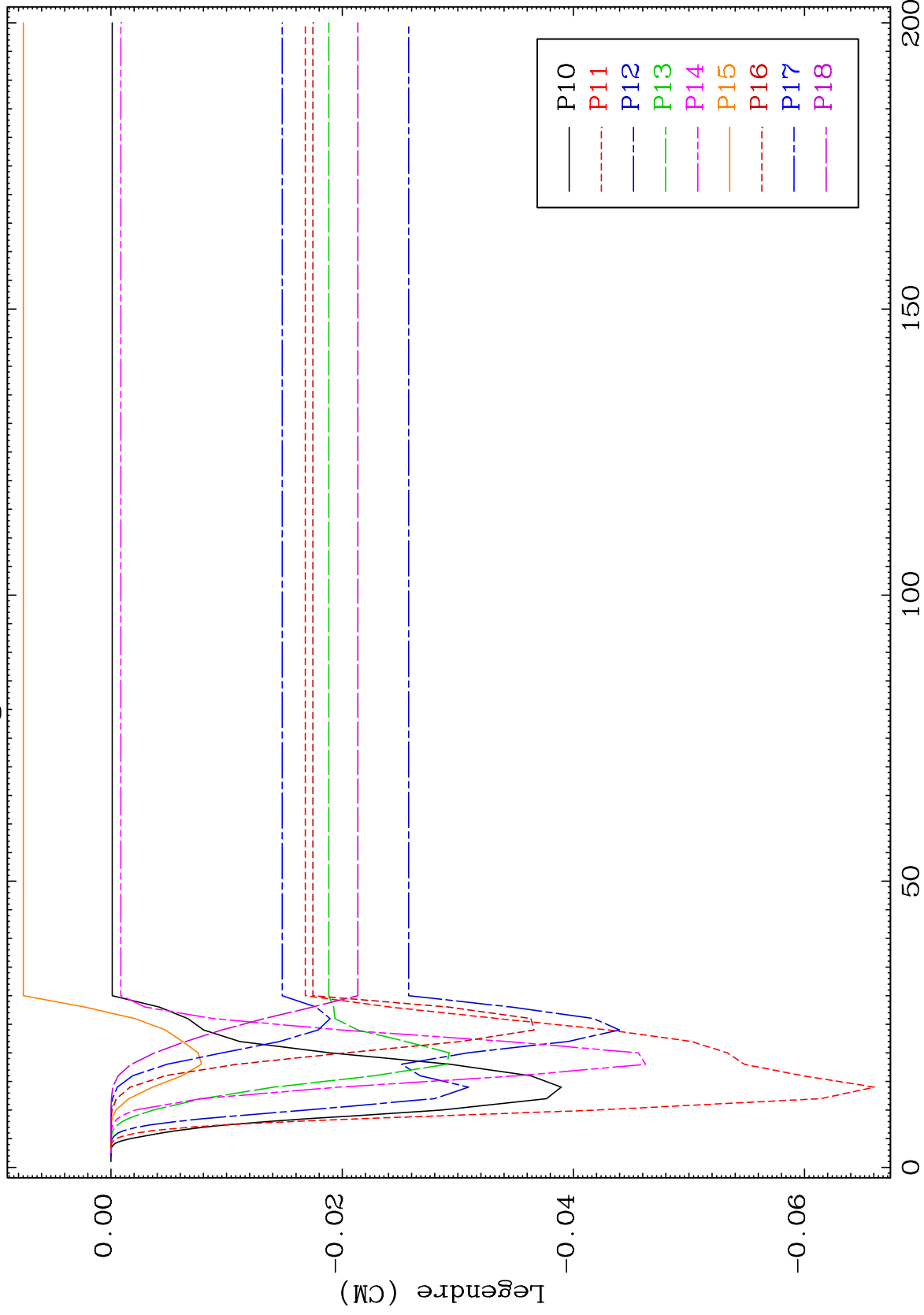
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

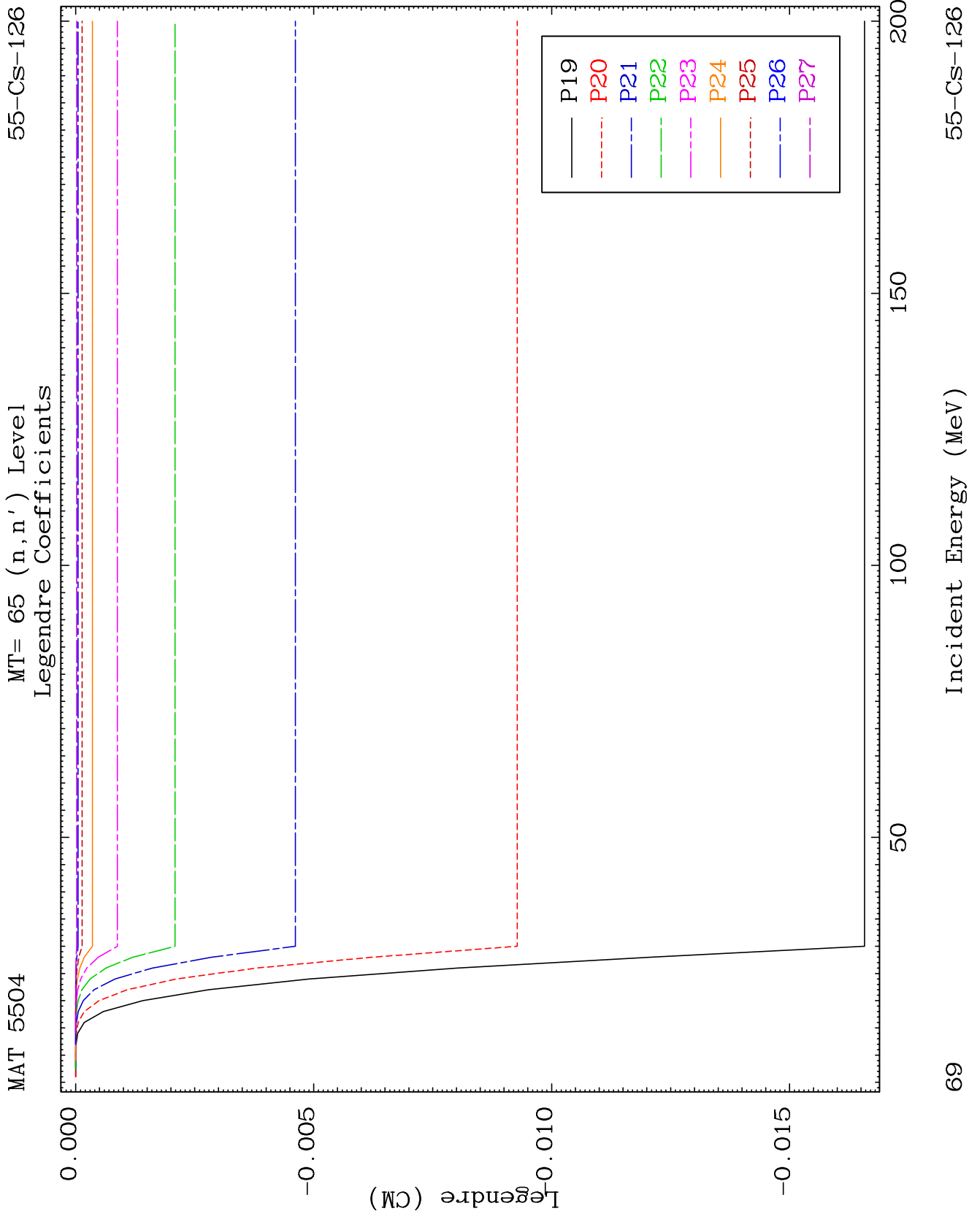
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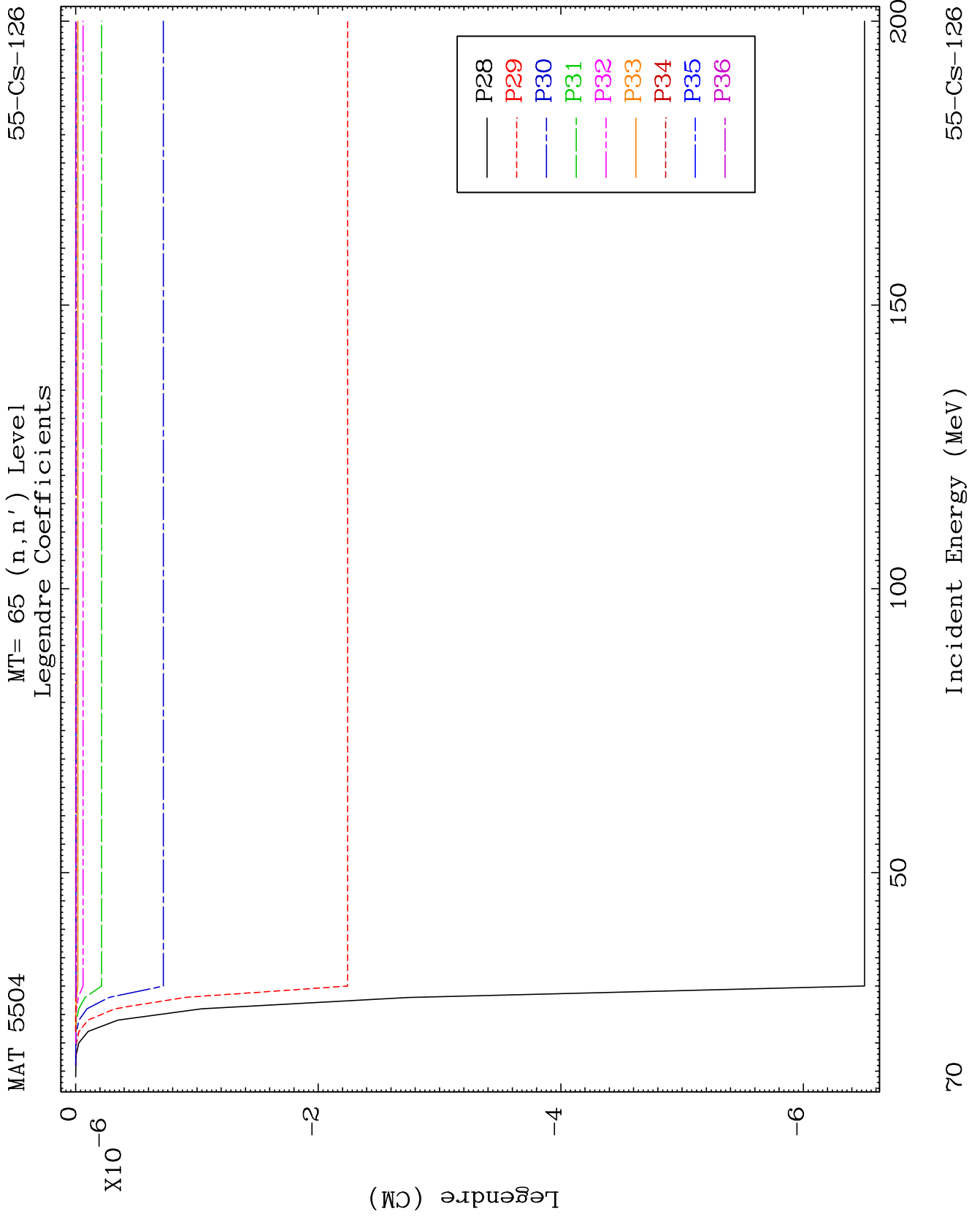


55-Cs-126

Incident Energy (MeV)

68

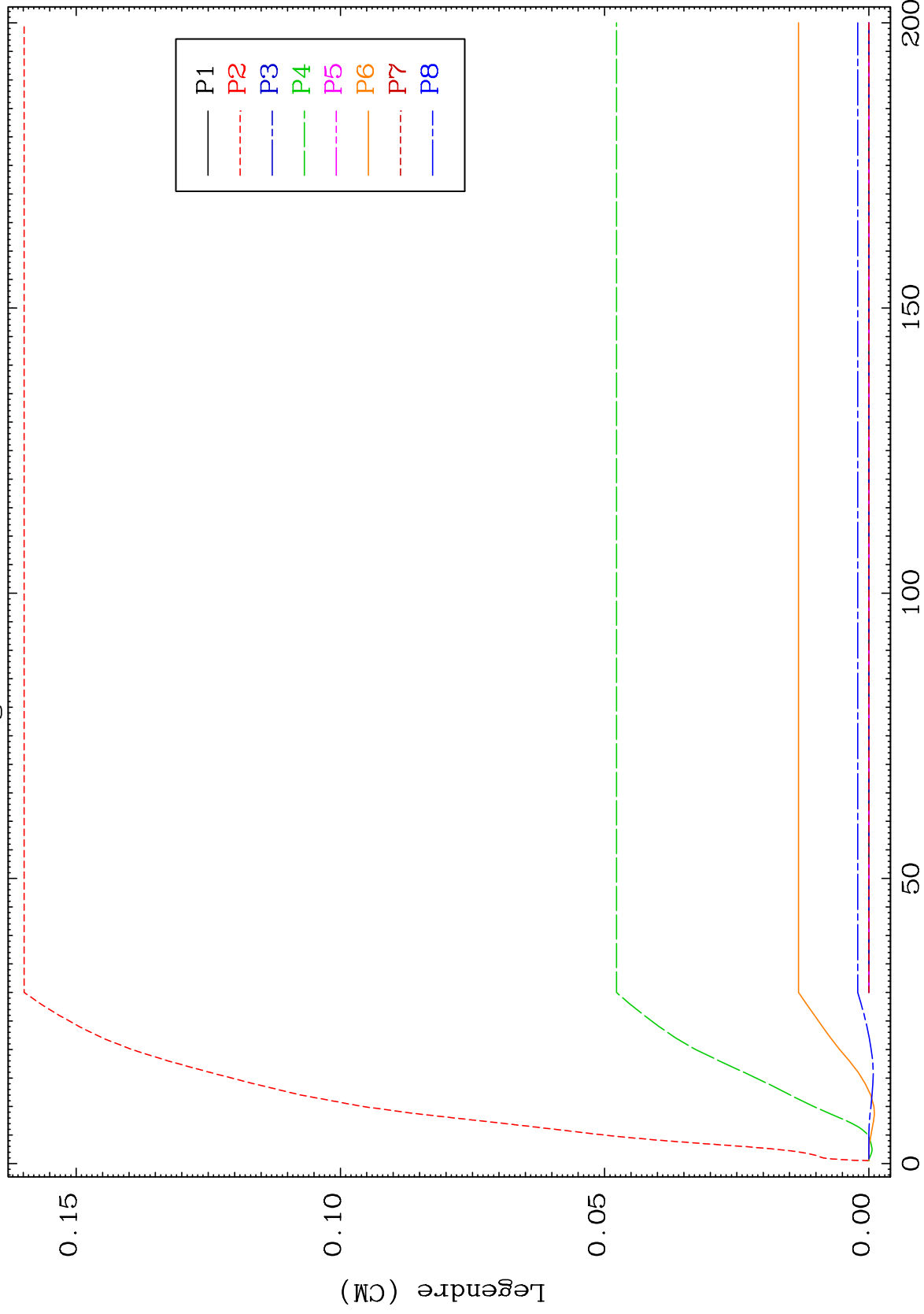




MAT 5504

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

55-Cs-126



71

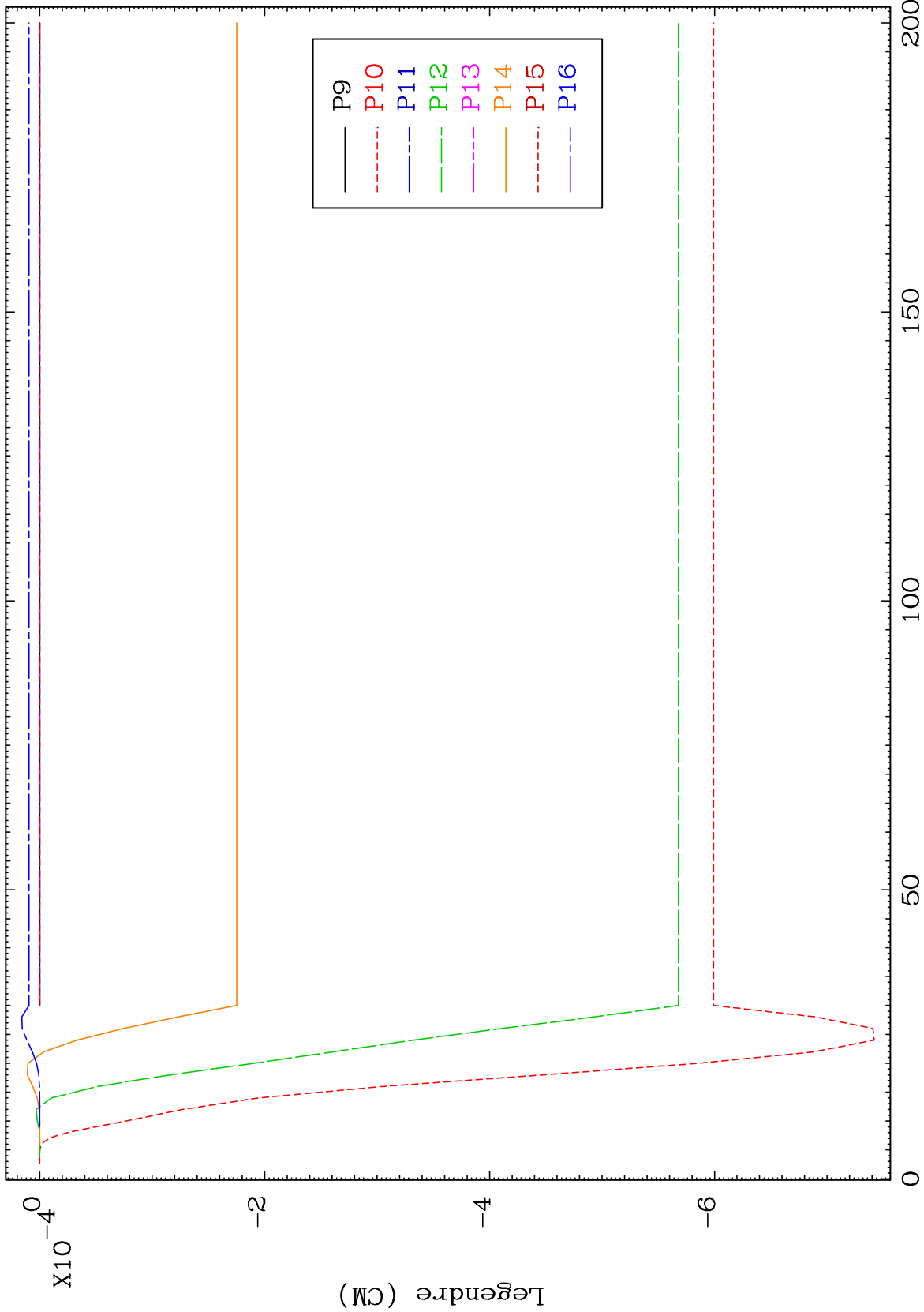
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

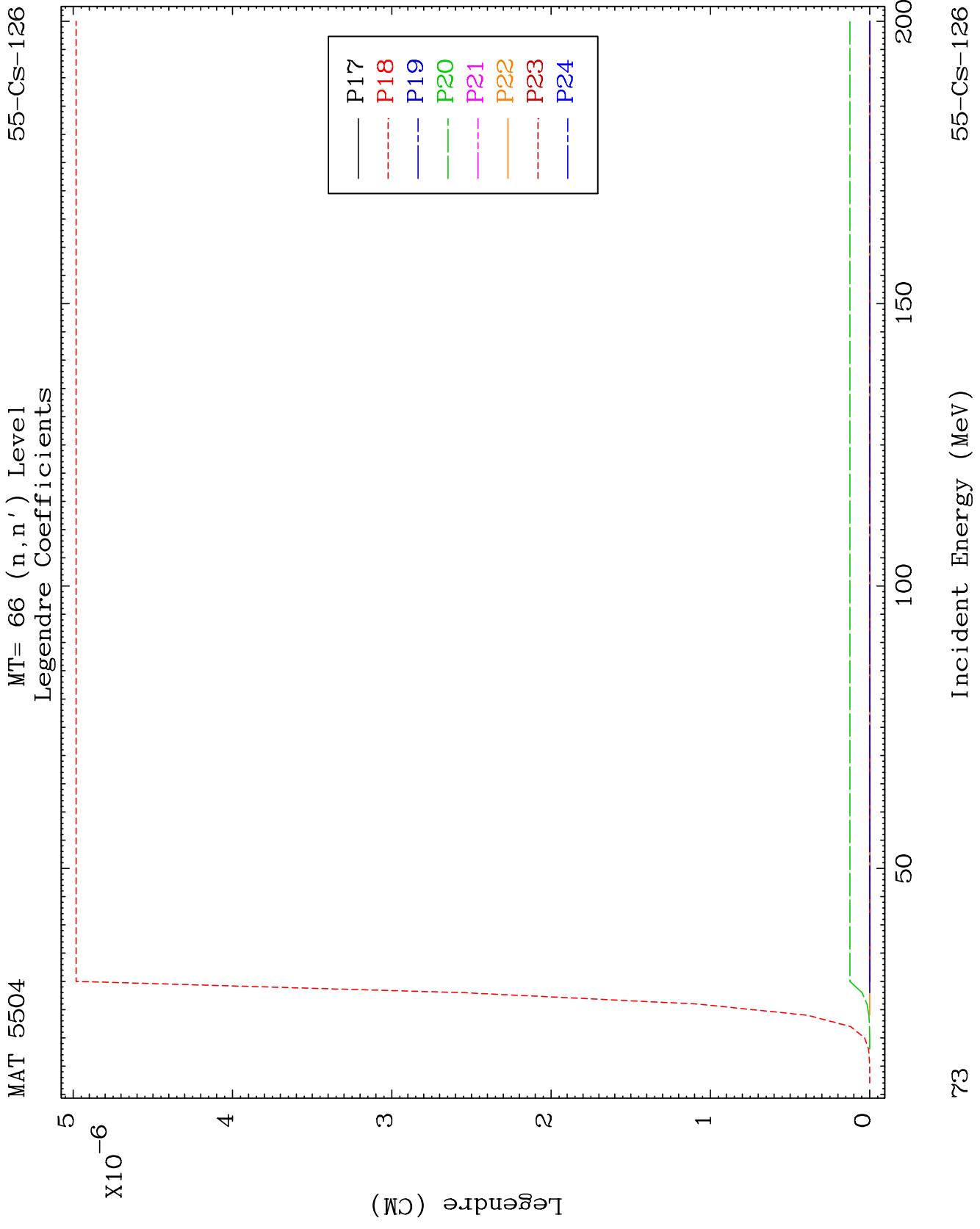
55-Cs-126



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Incident Energy (MeV)

55-Cs-126

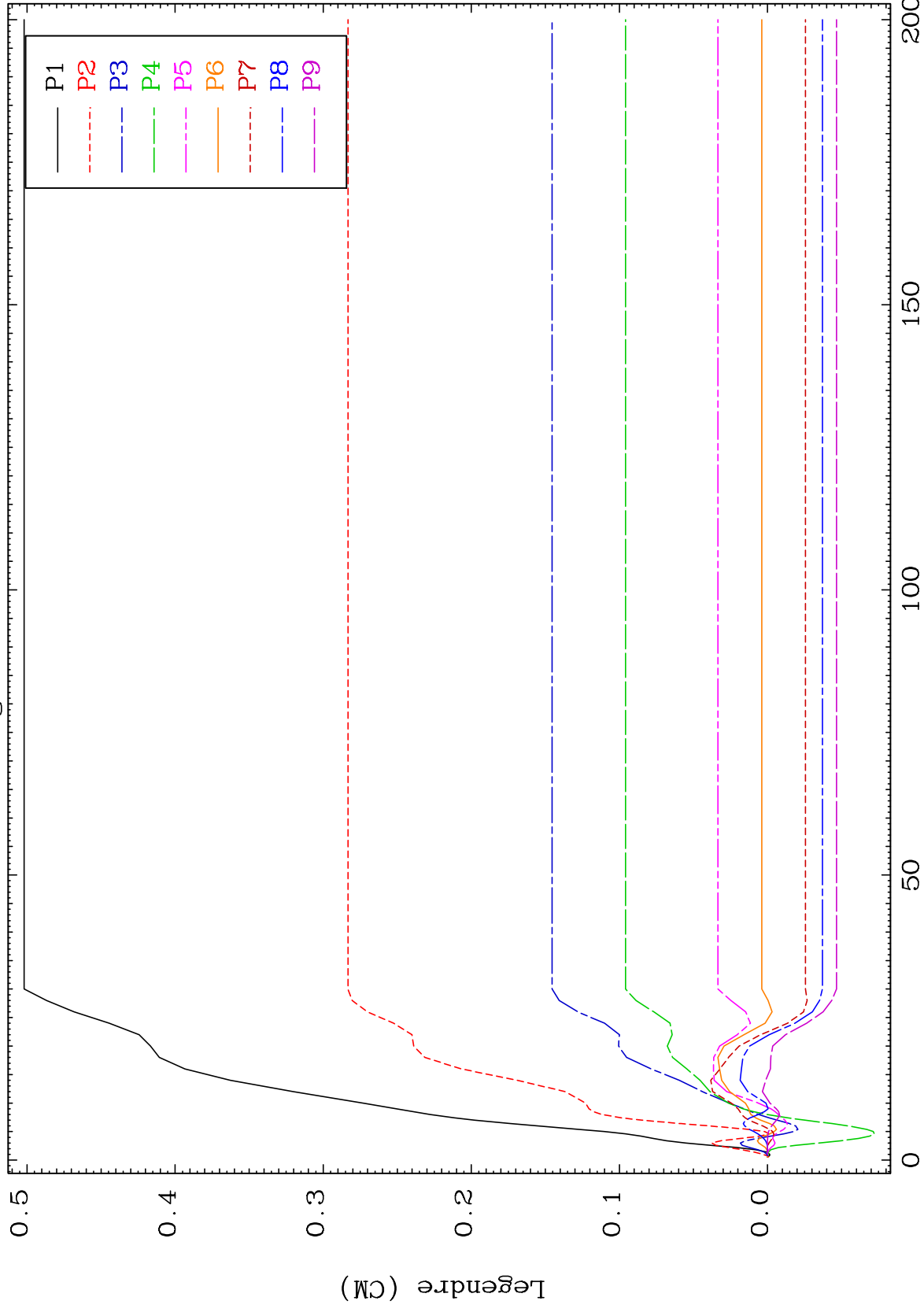


MAT 5504

MT= 67 (n,n') Level

55-Cs-126

Legendre Coefficients



74

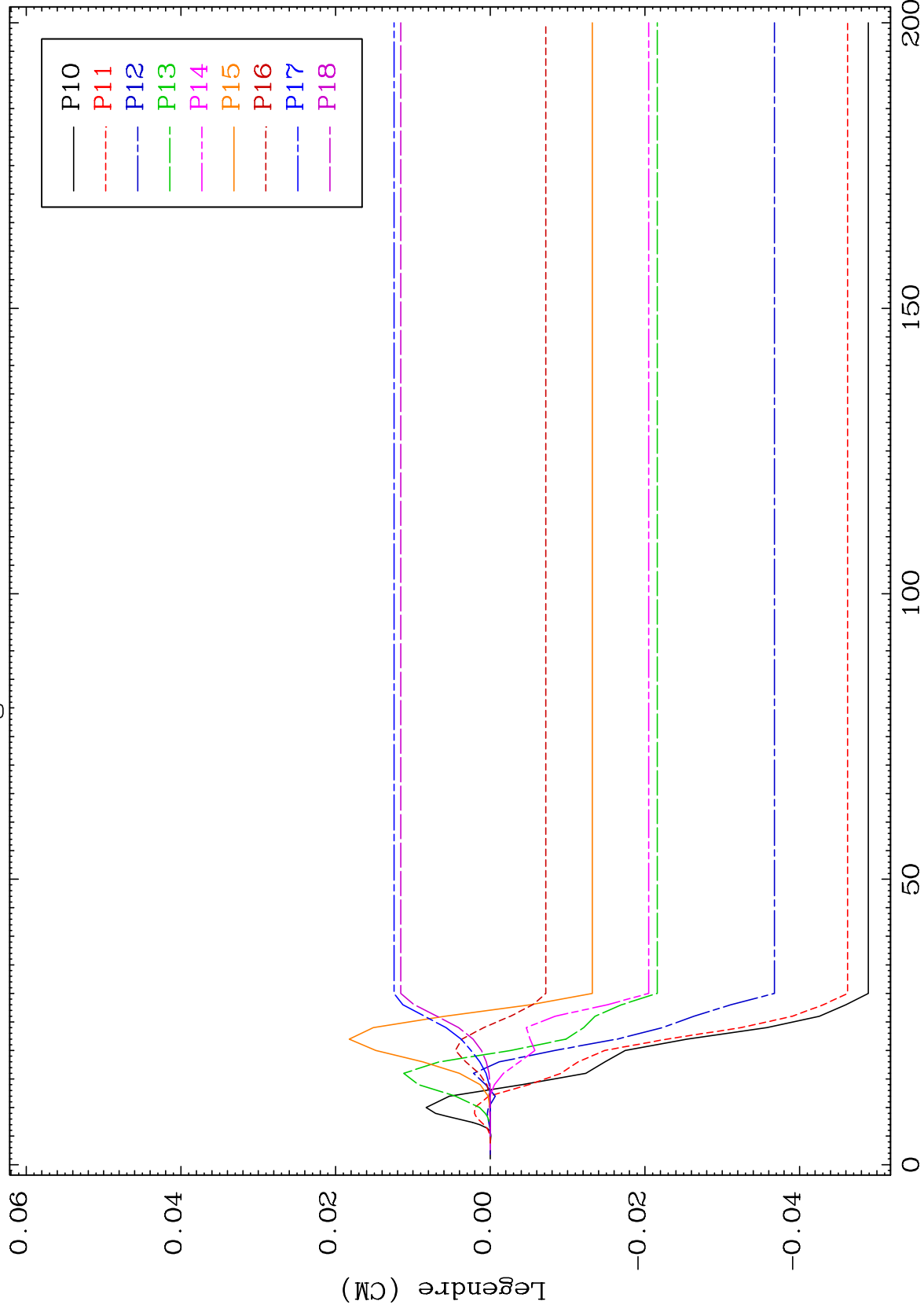
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



75

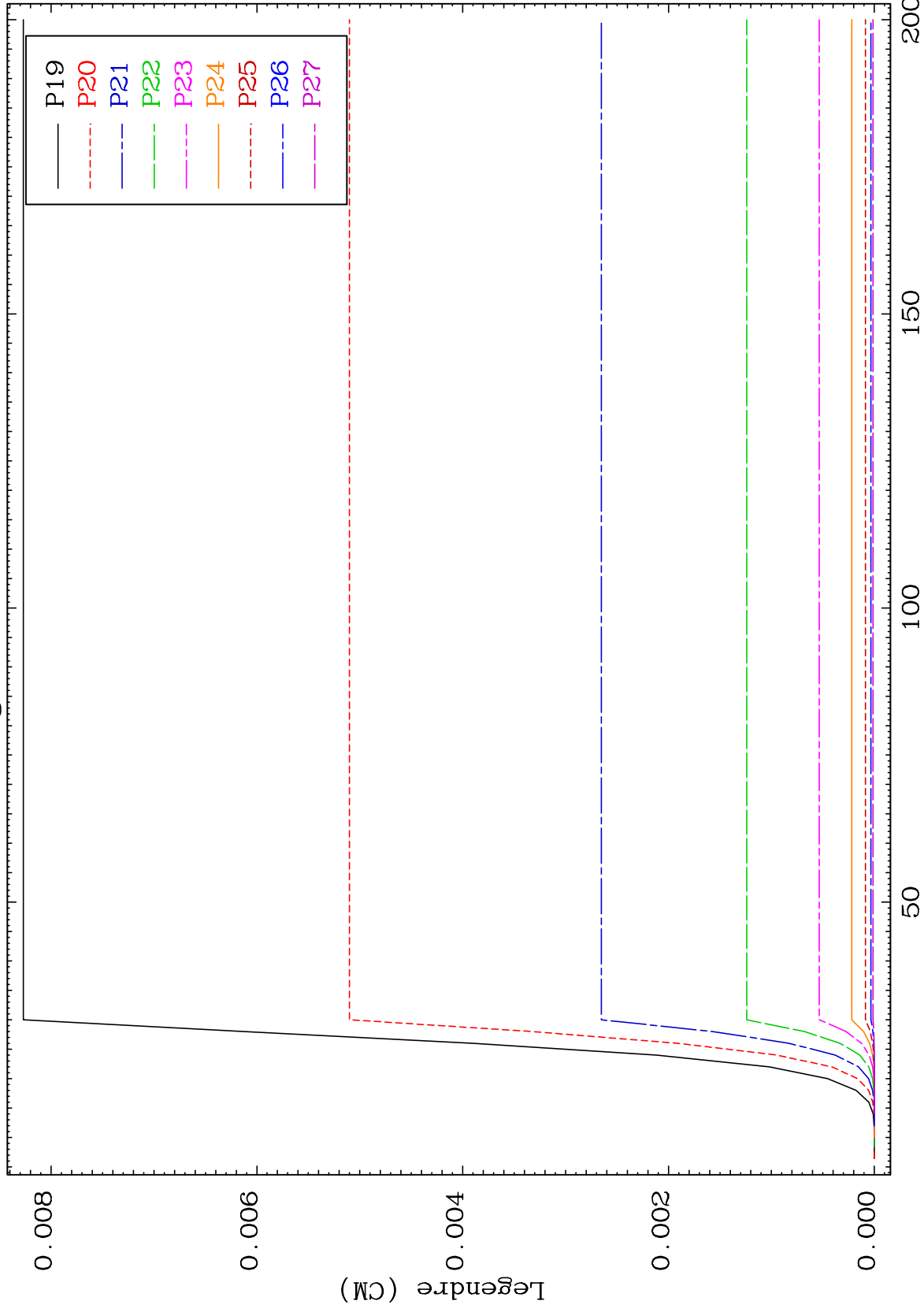
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



76

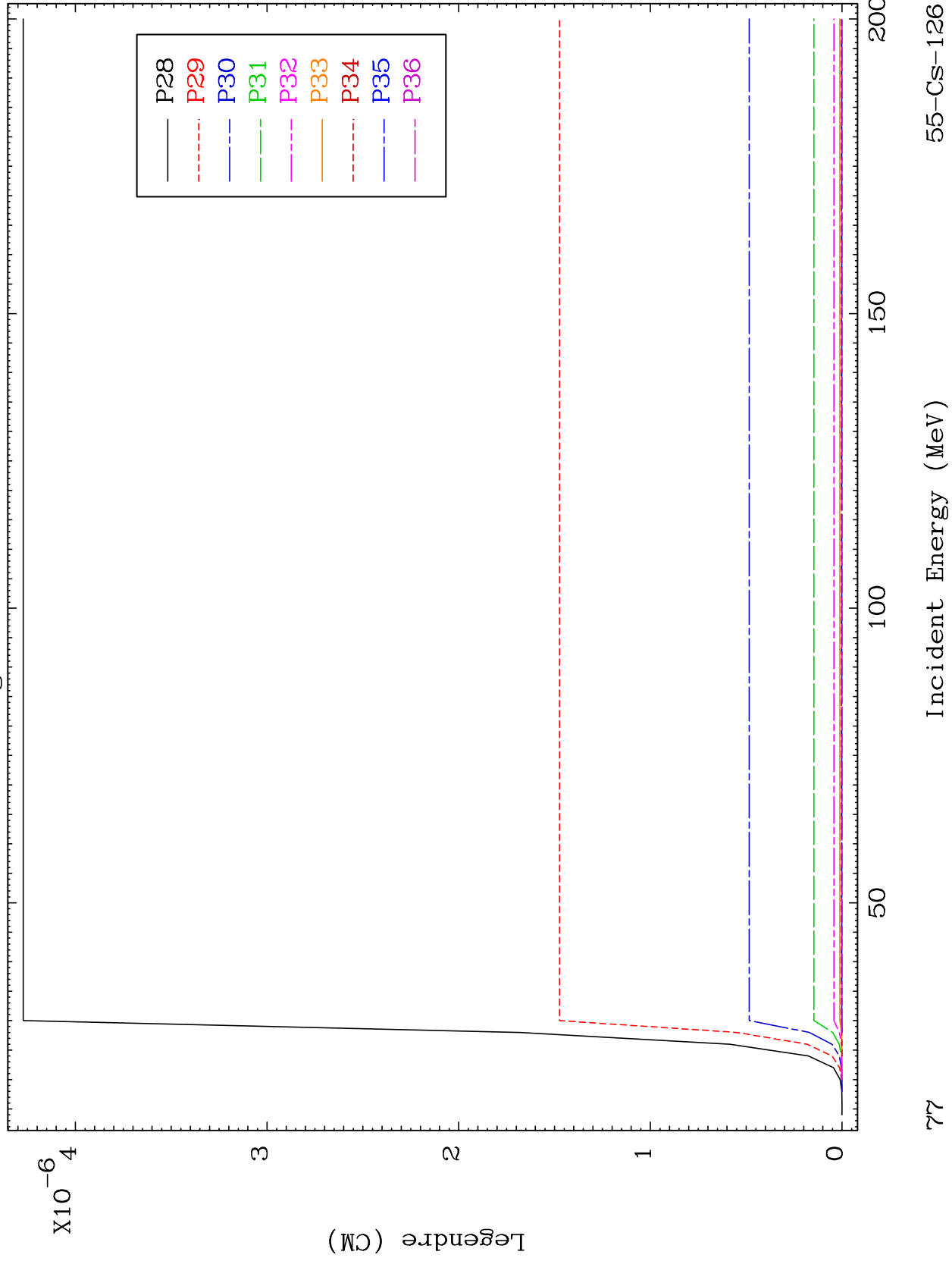
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

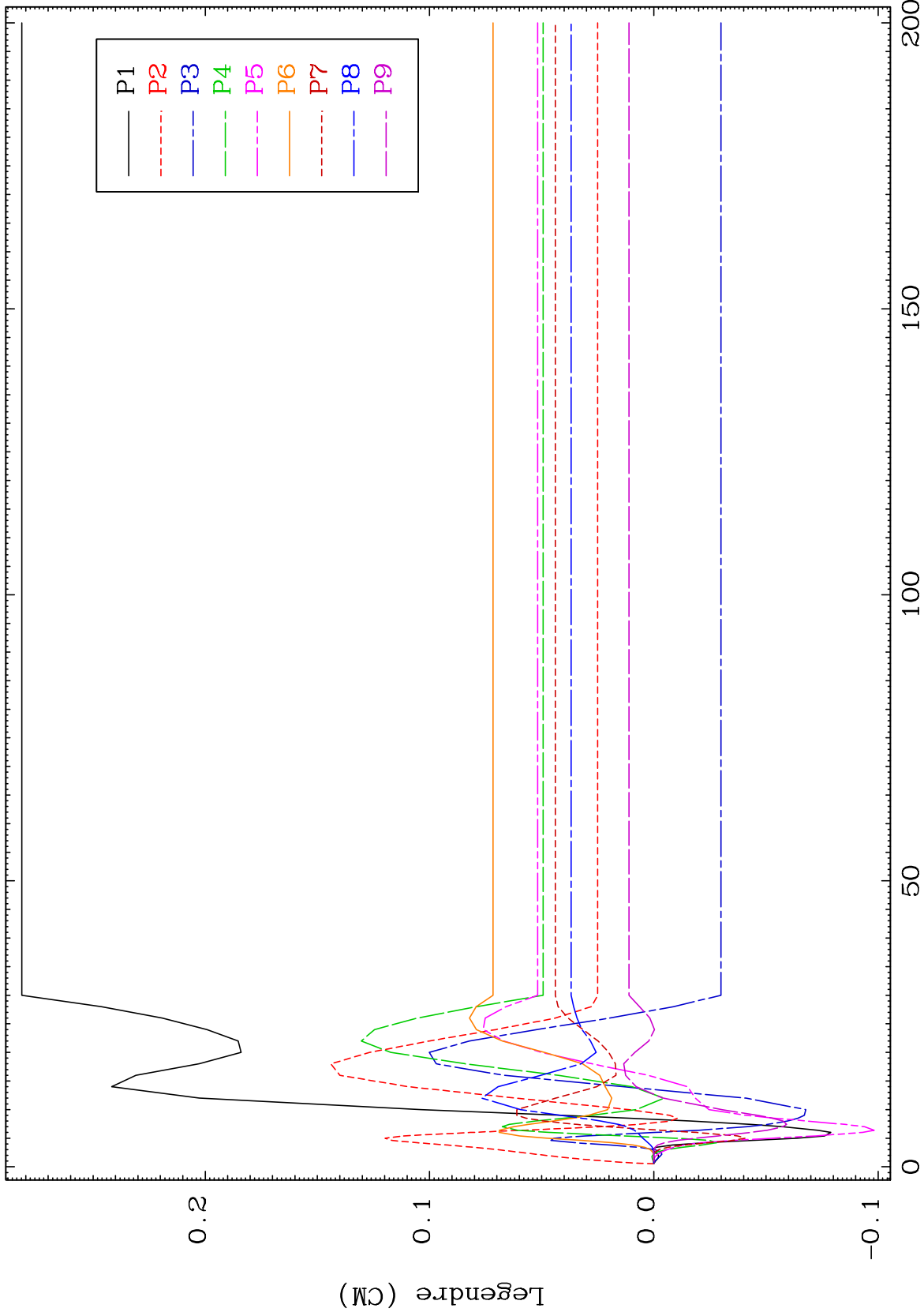
55-Cs-126



MAT 5504

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

55-Cs-126



78

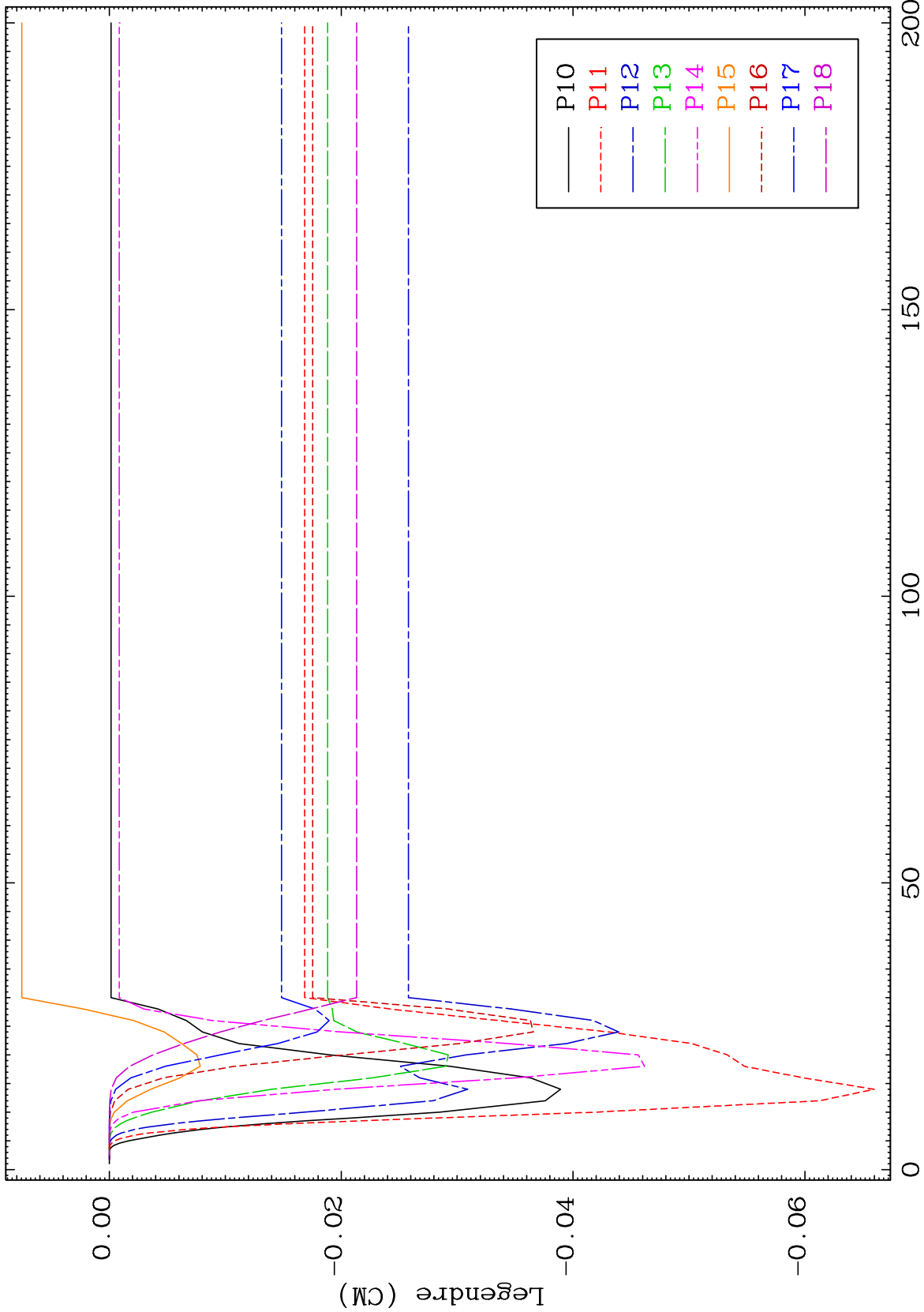
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

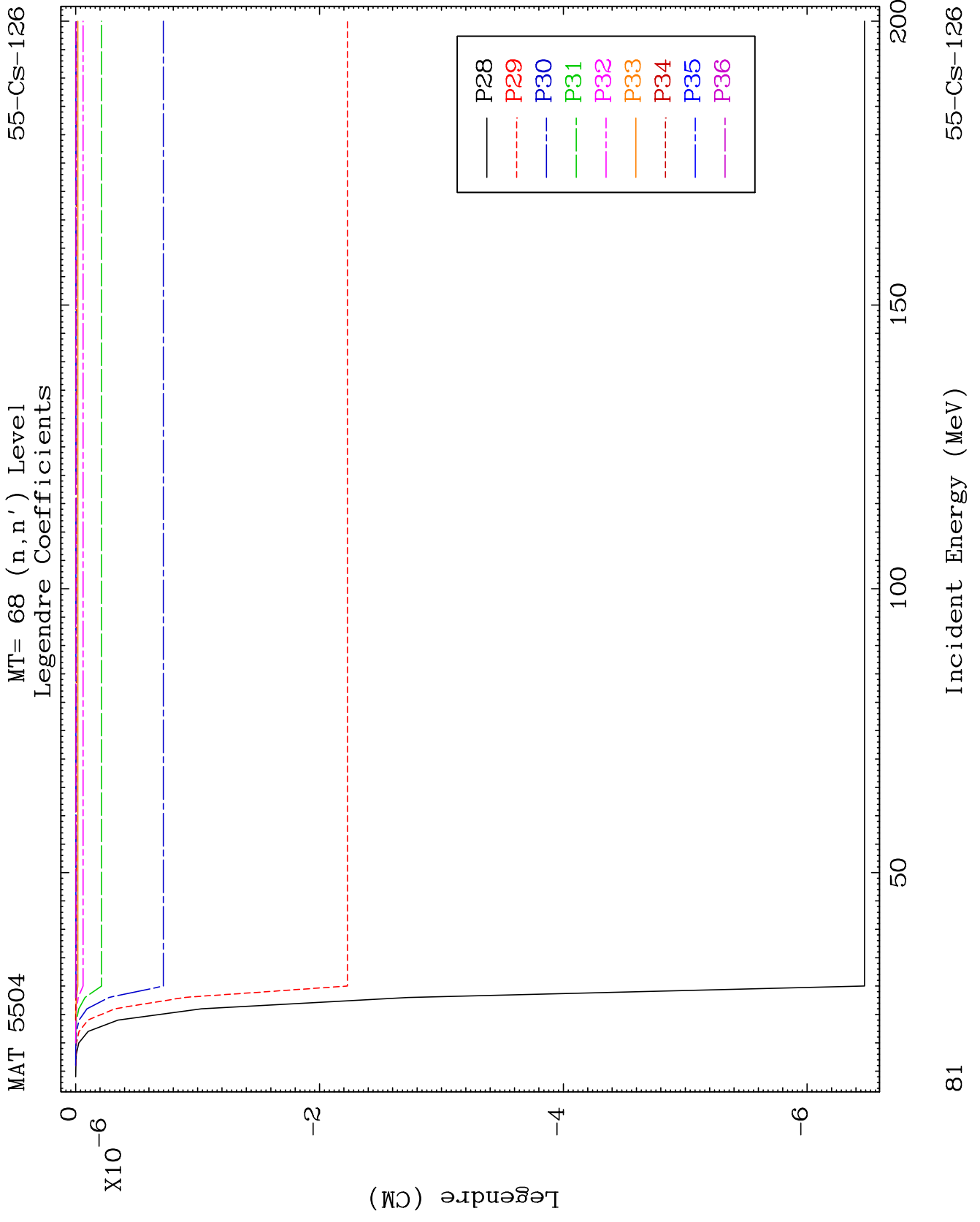
55-Cs-126



79

Incident Energy (MeV)

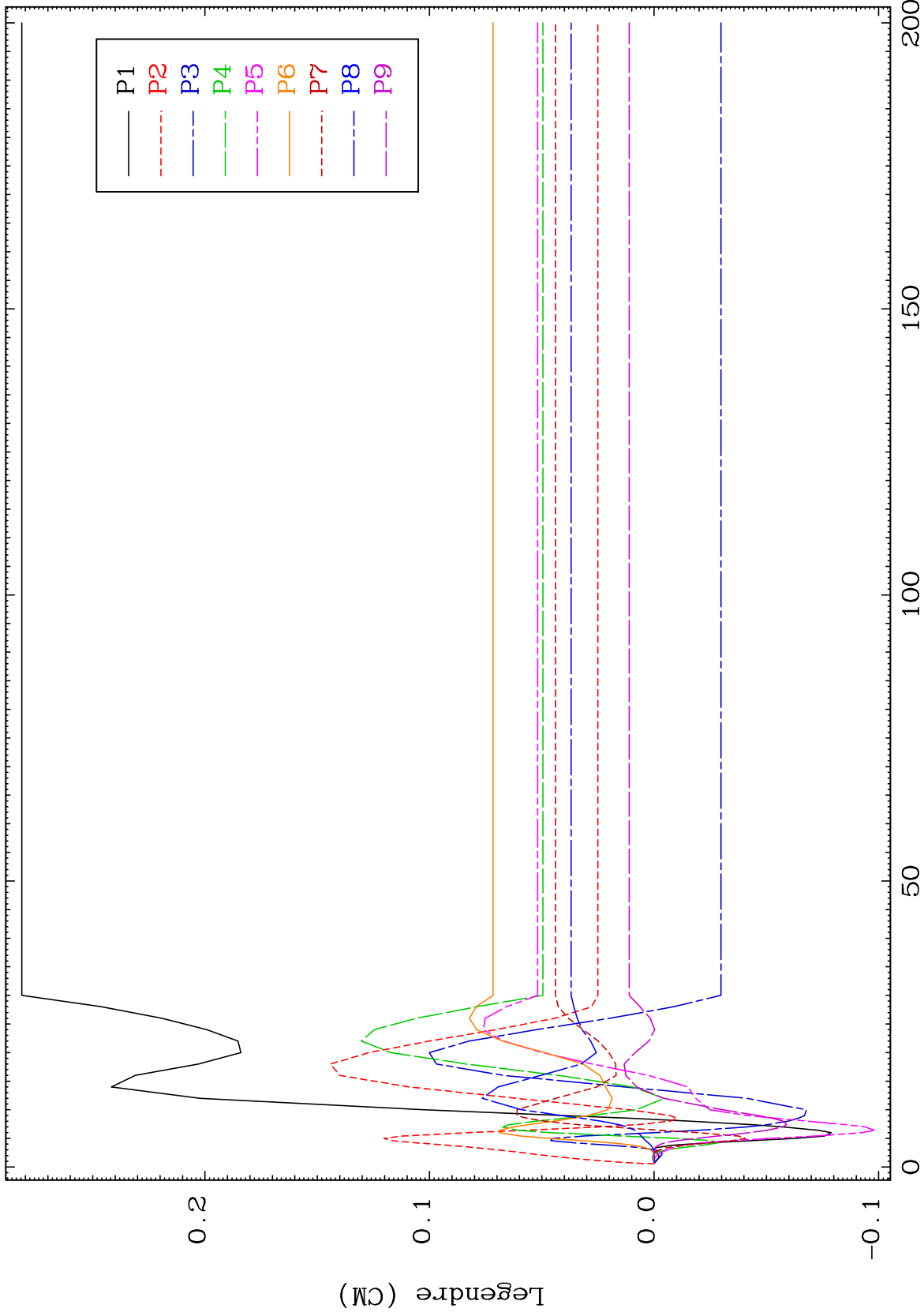
55-Cs-126



MAT 5504

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

55-Cs-126



82

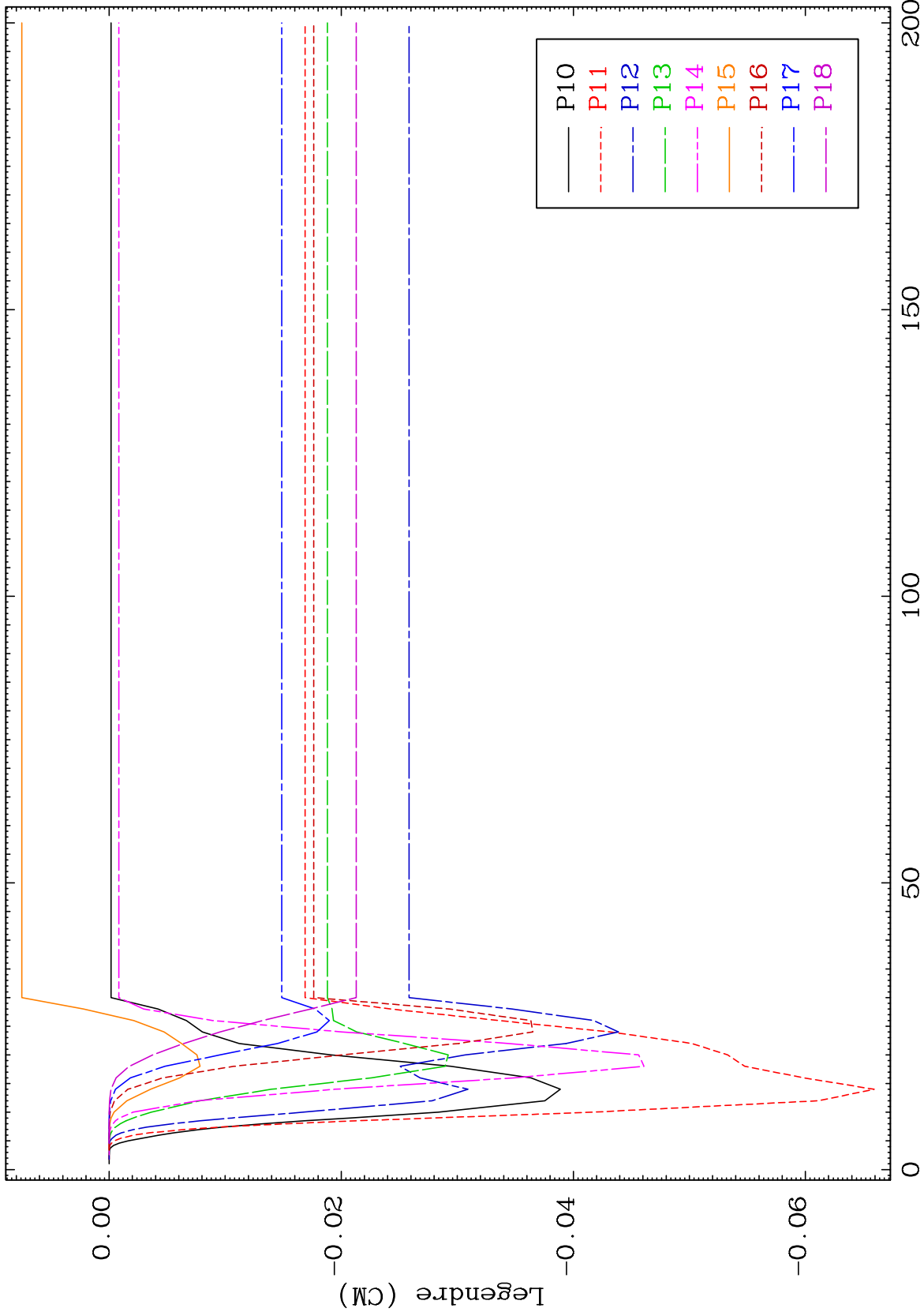
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

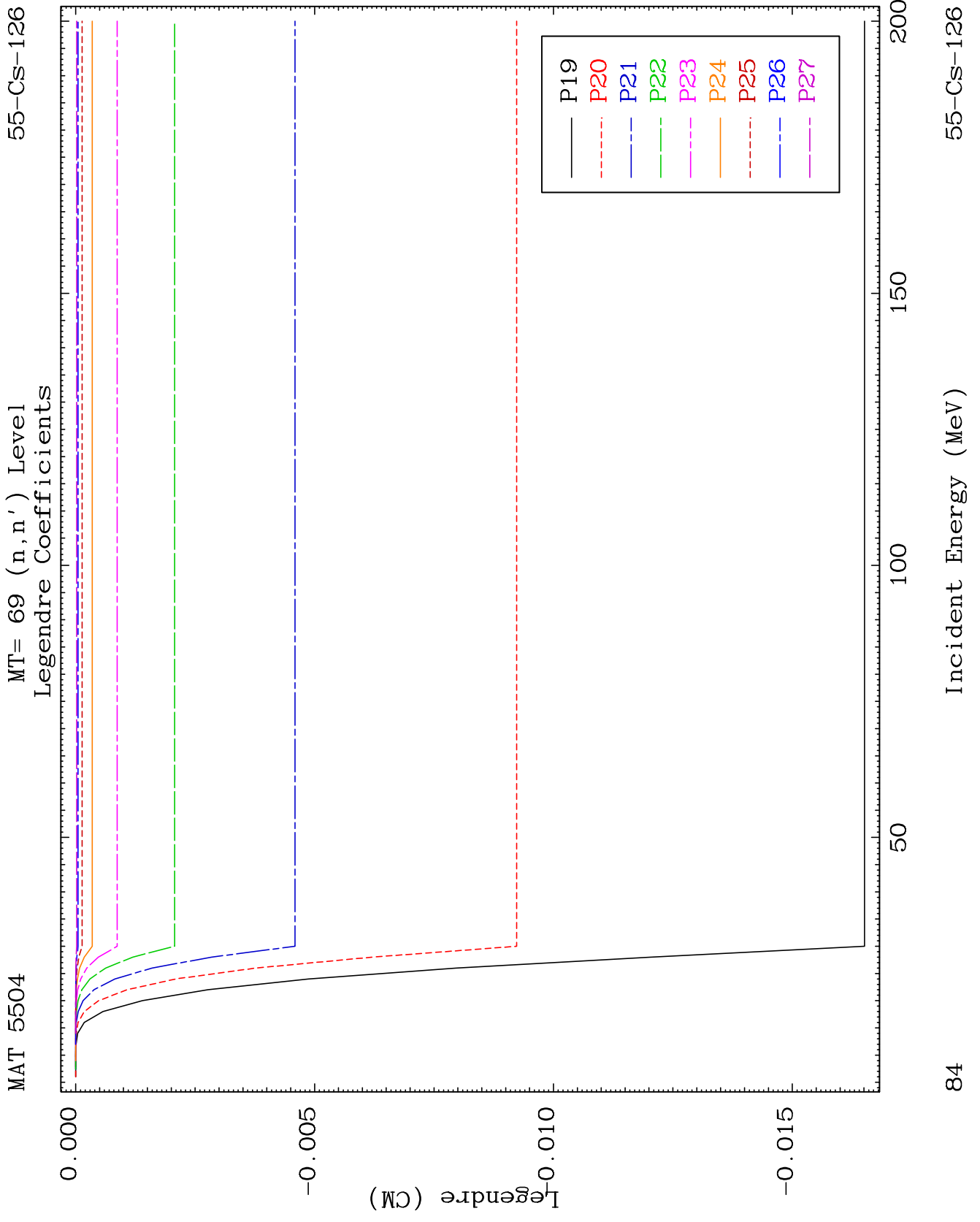
55-Cs-126

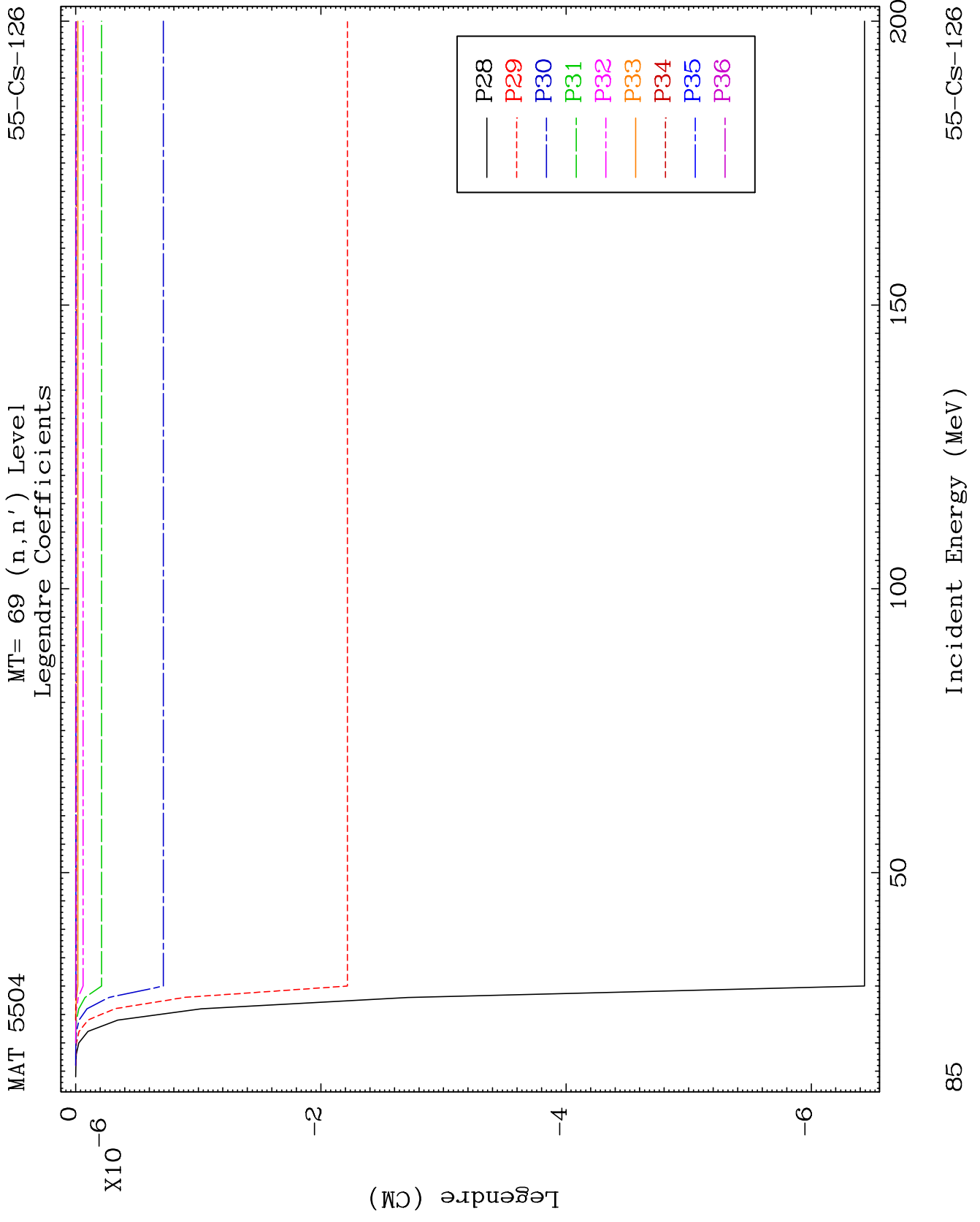


83

Incident Energy (MeV)

55-Cs-126

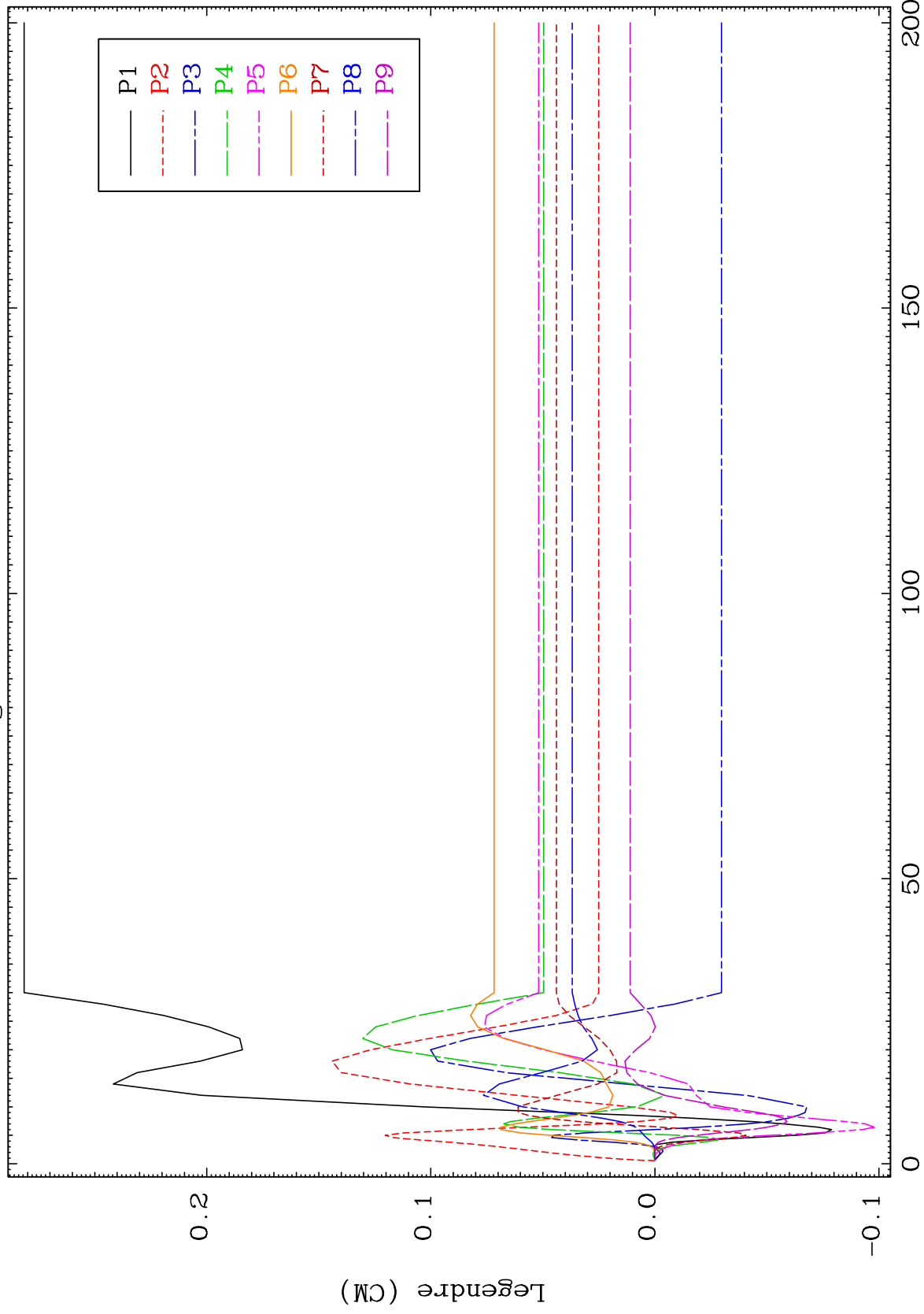




MAT 5504

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

55-Cs-126



86

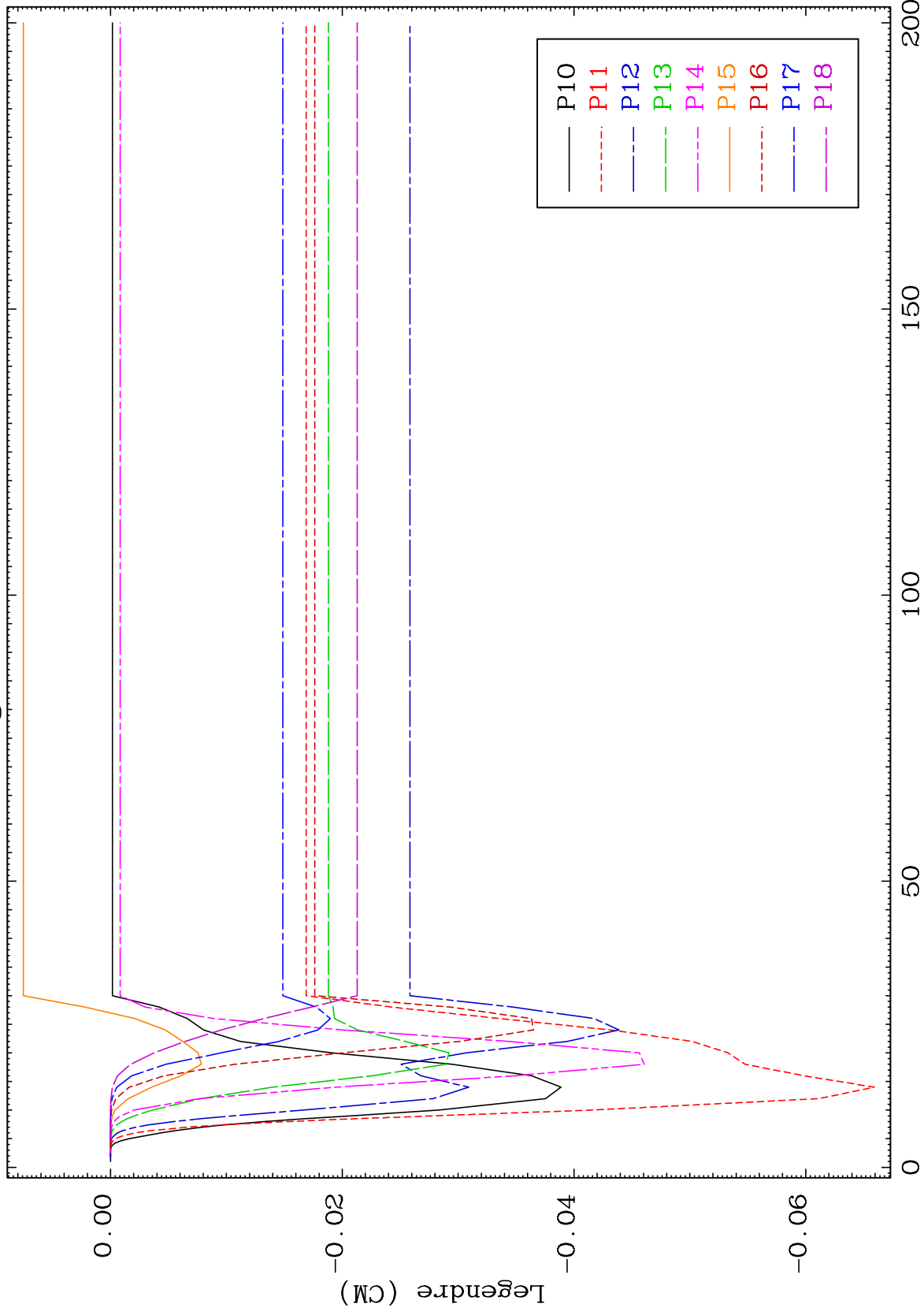
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

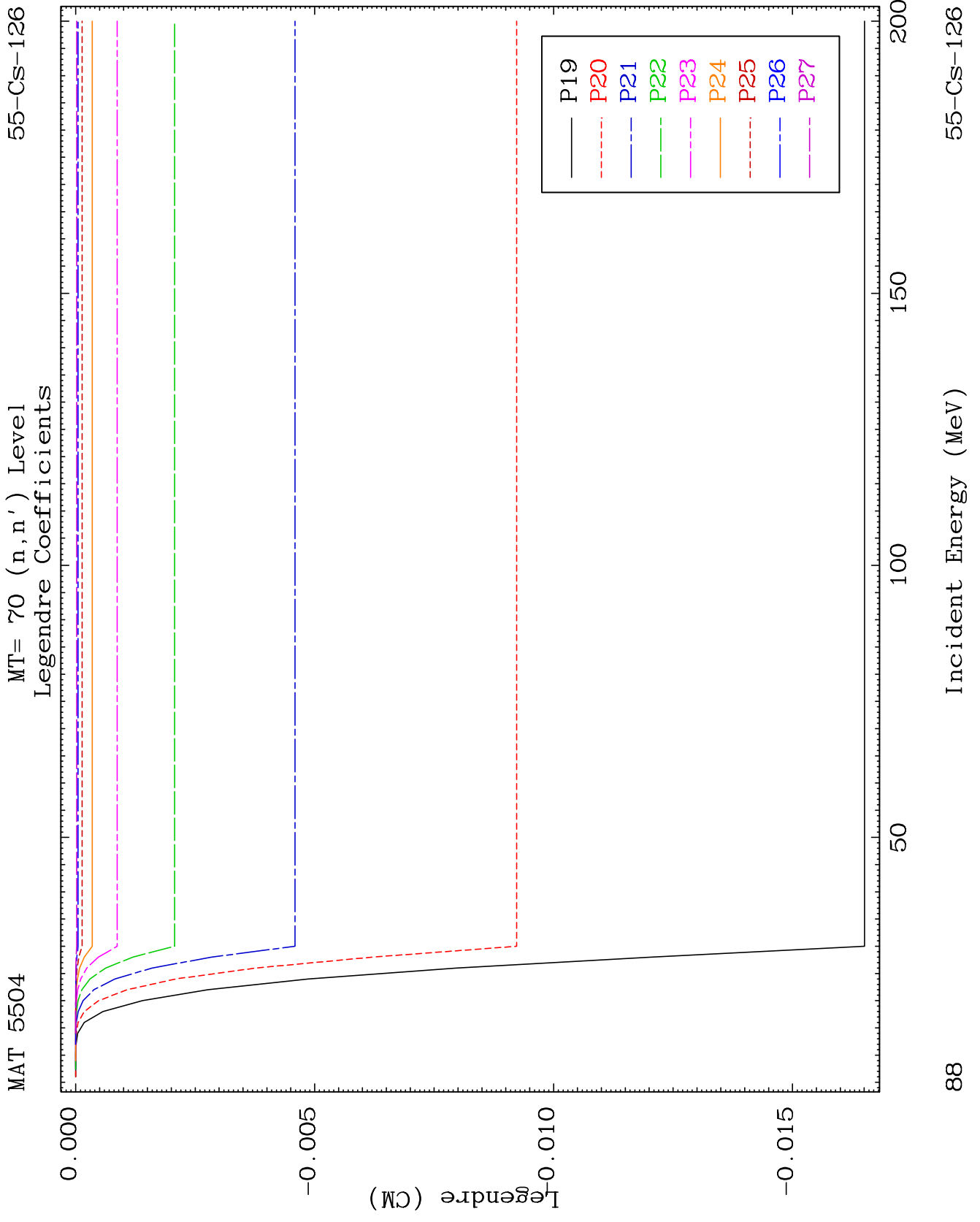
55-Cs-126



87

Incident Energy (MeV)

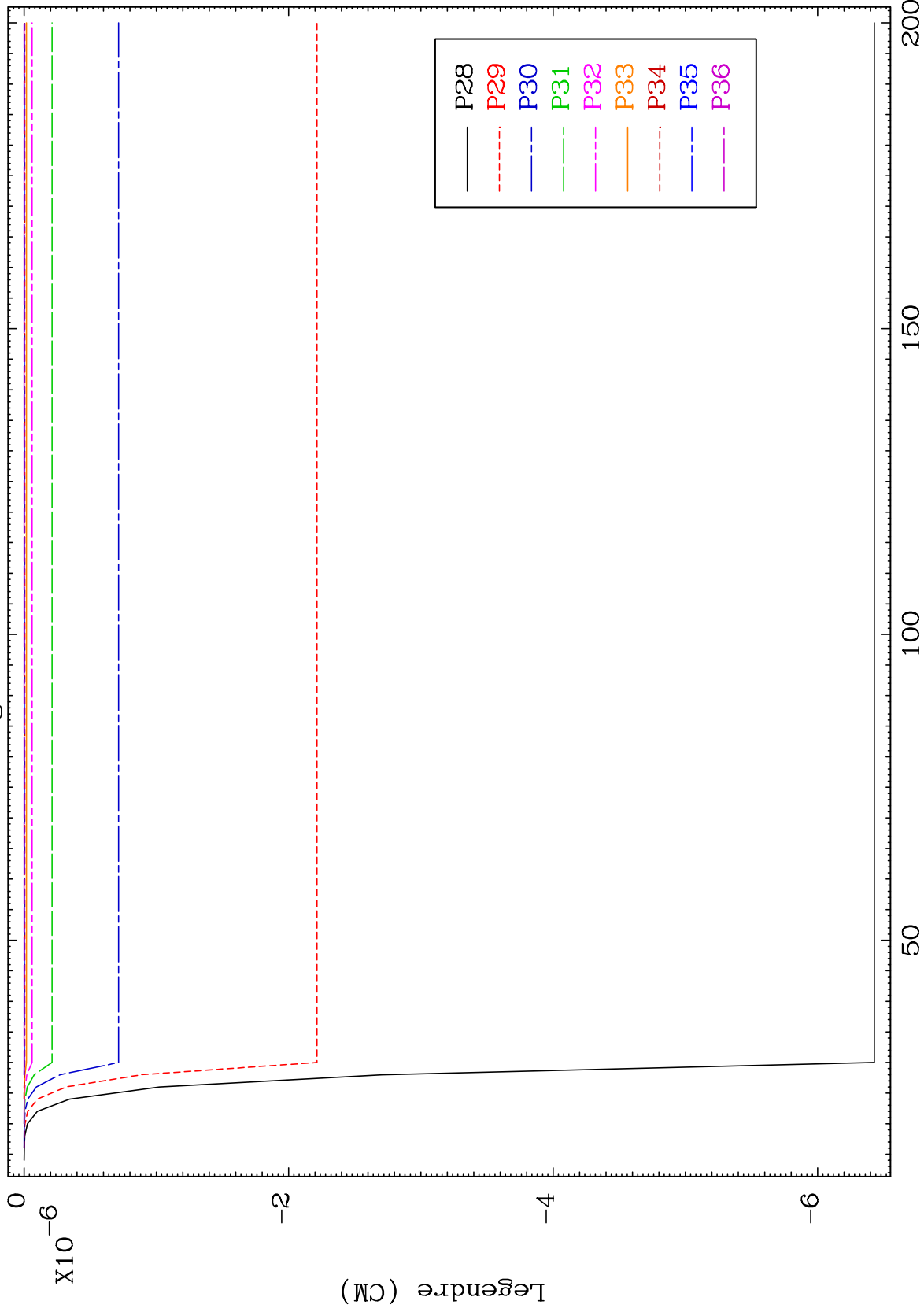
55-Cs-126



MAT 5504

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

55-Cs-126



89

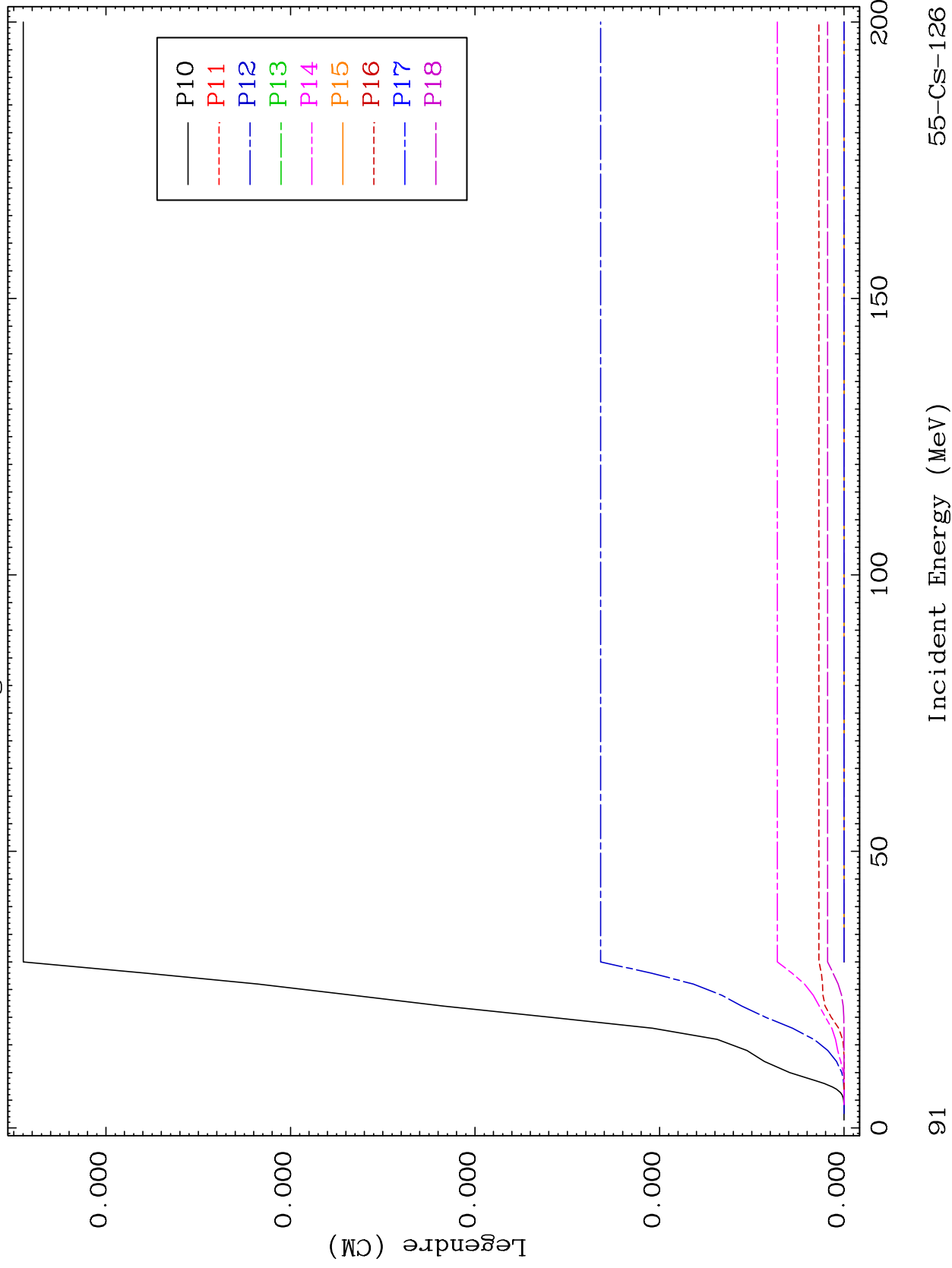
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

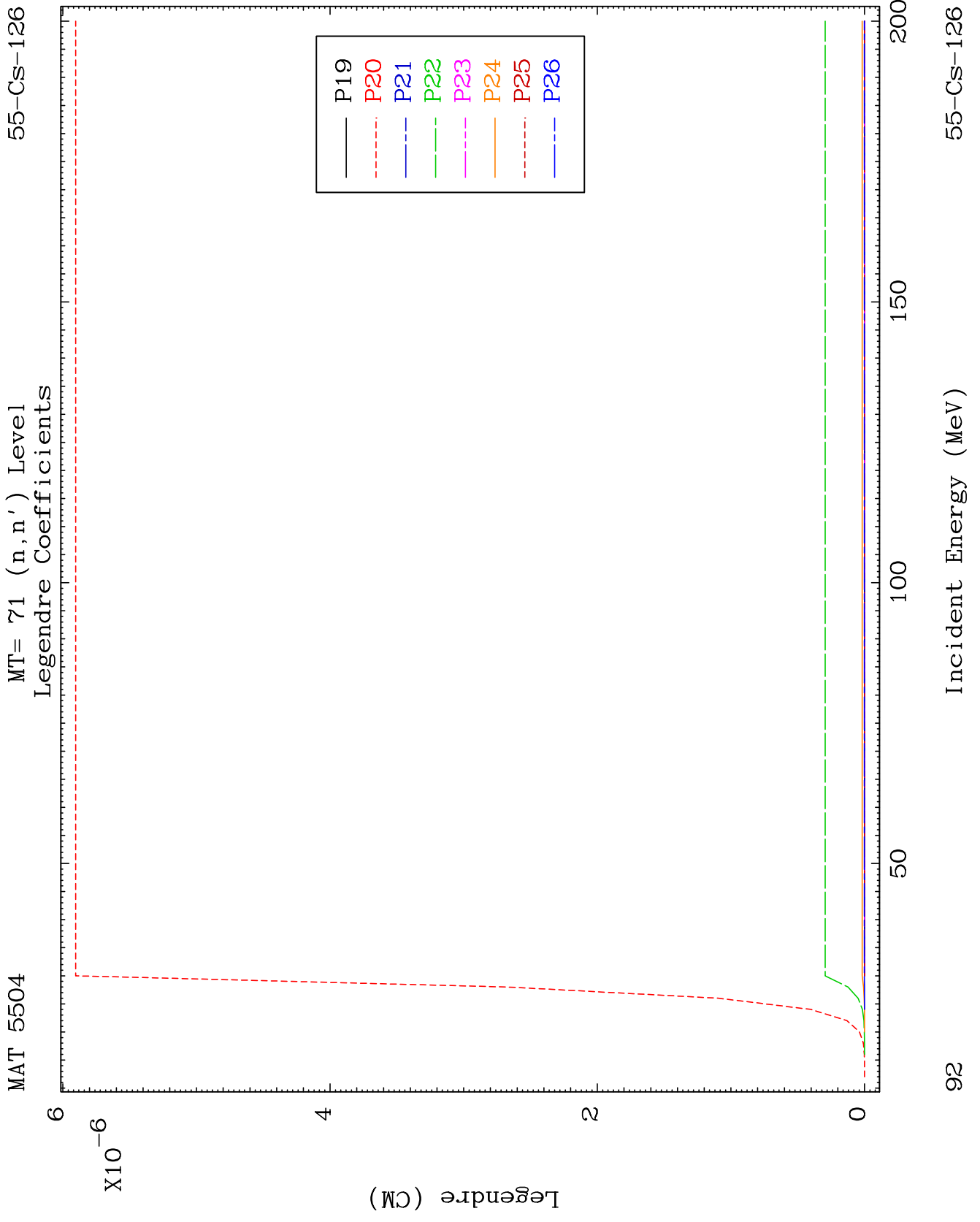
55-Cs-126



91

Incident Energy (MeV)

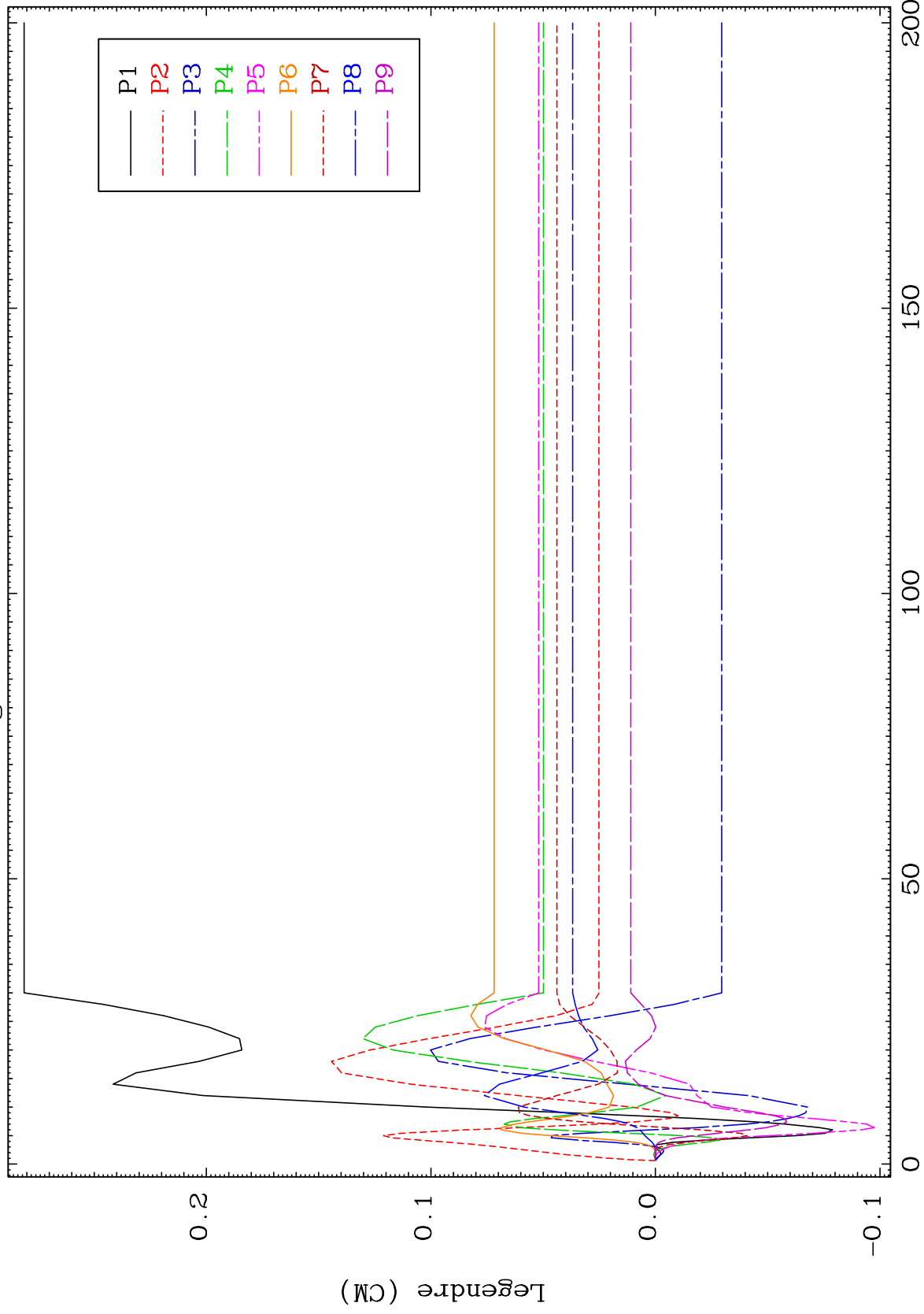
55-Cs-126



MAT 5504

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

55-Cs-126



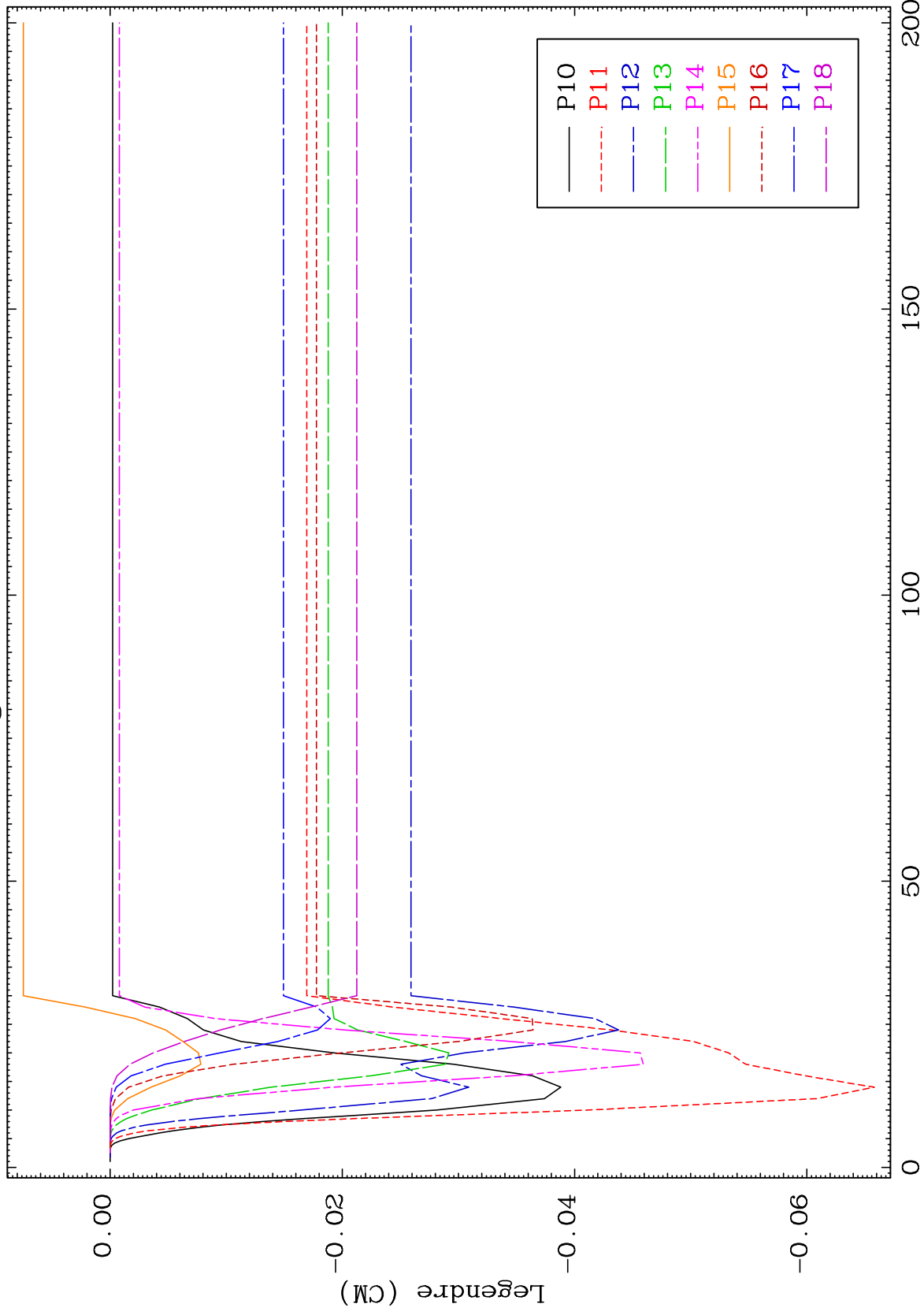
93

55-Cs-126

MAT 5504

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

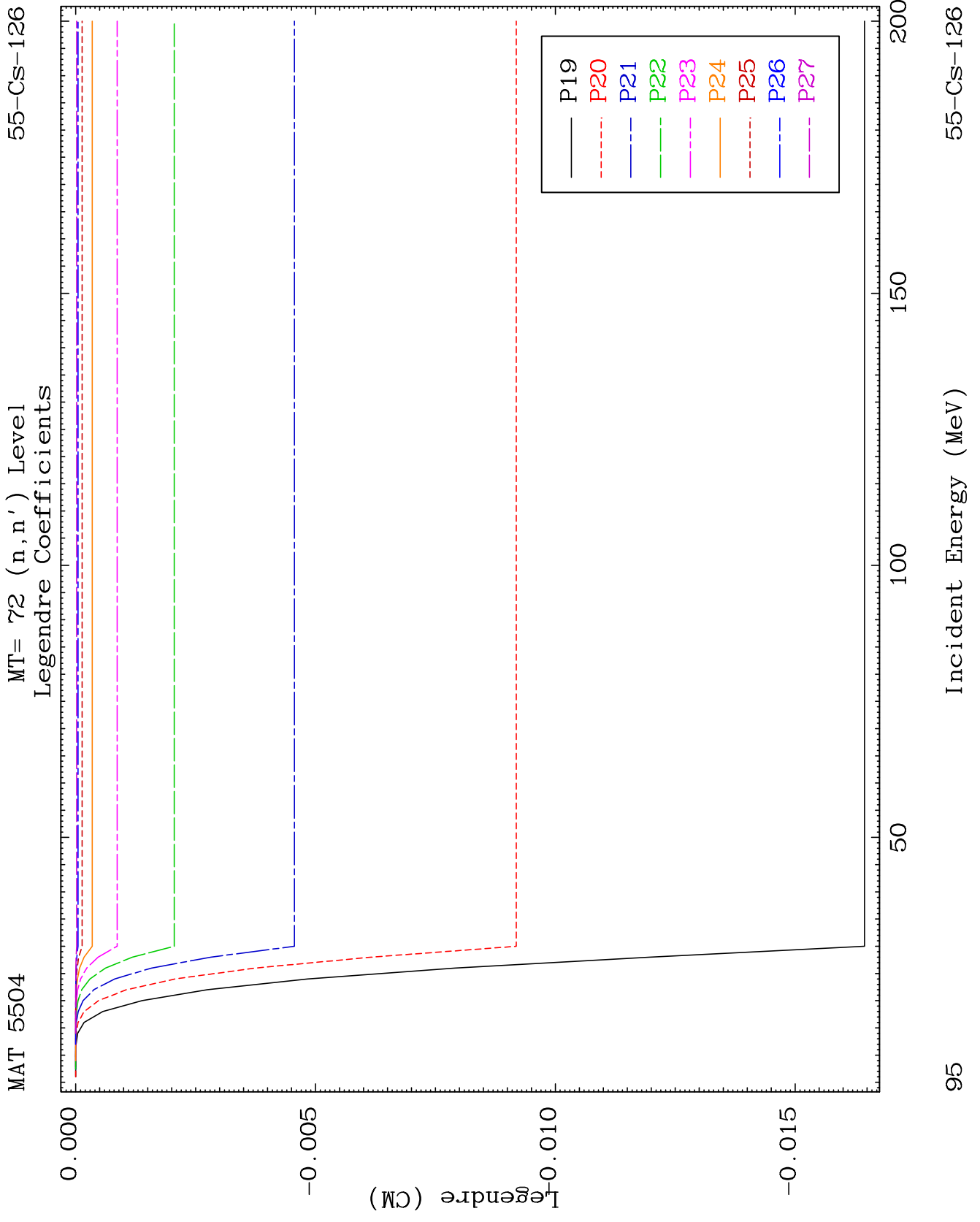
55-Cs-126



94

Incident Energy (MeV)

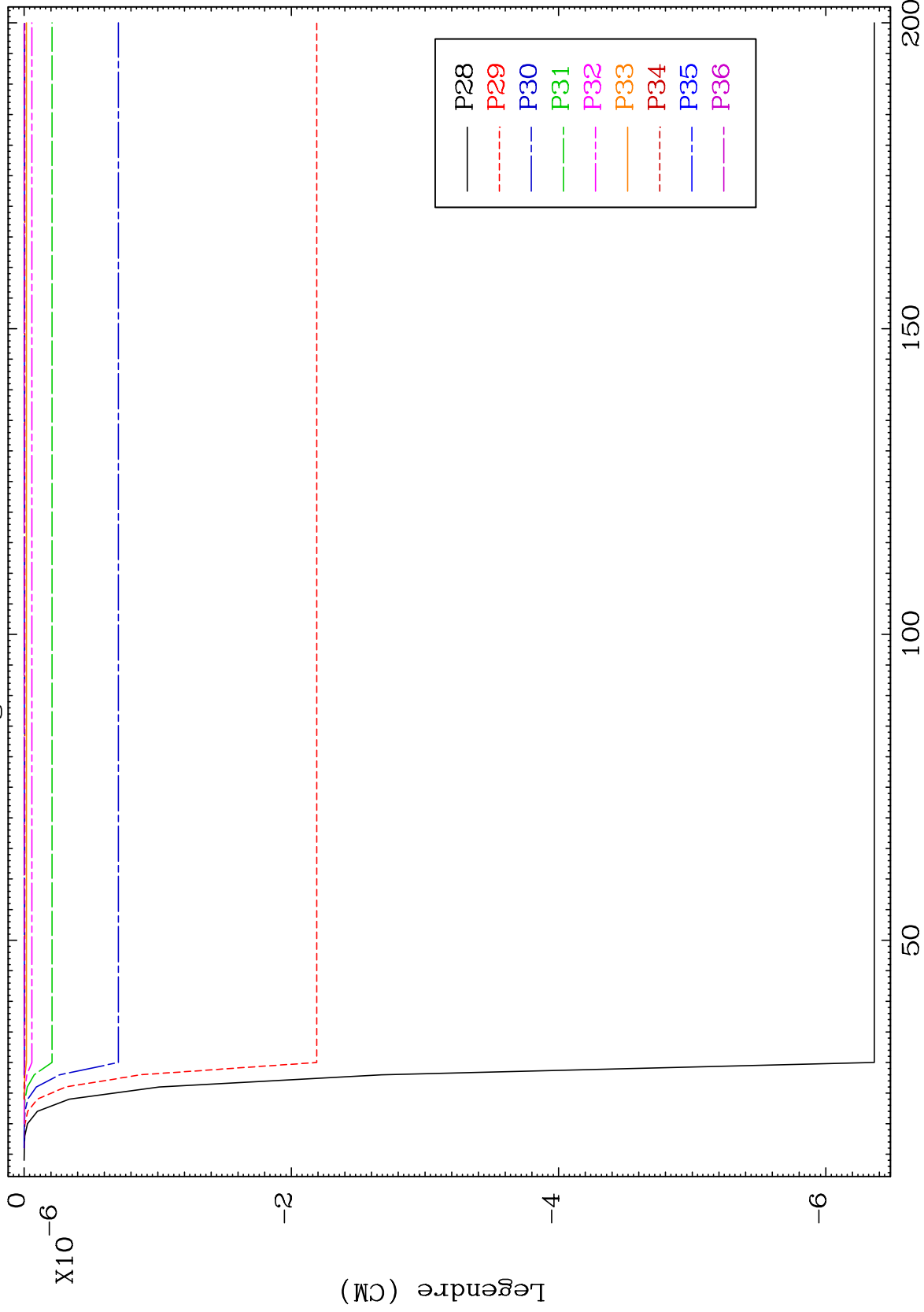
55-Cs-126



MAT 5504

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

55-Cs-126



96

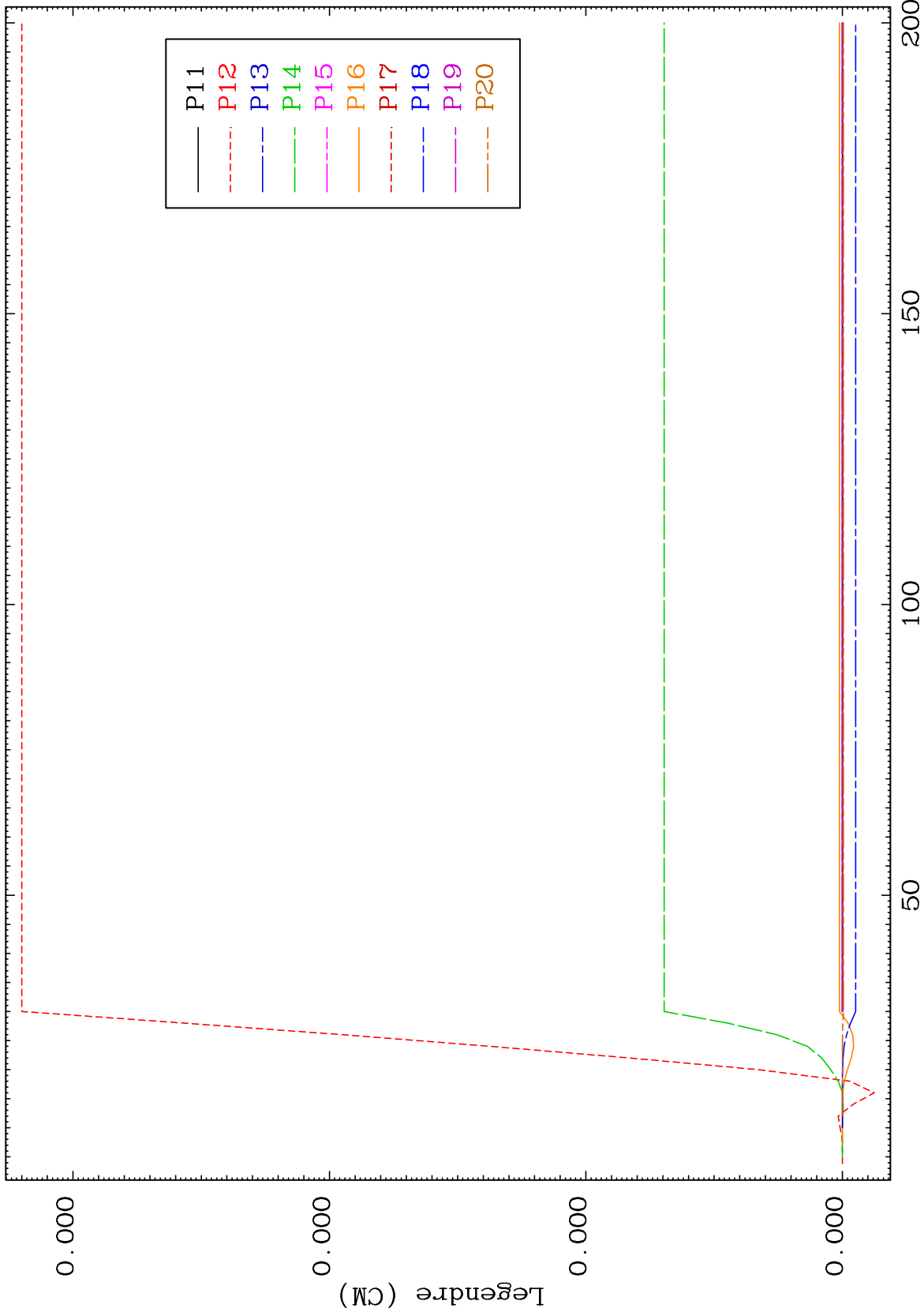
Incident Energy (MeV)

55-Cs-126

MAT 5504

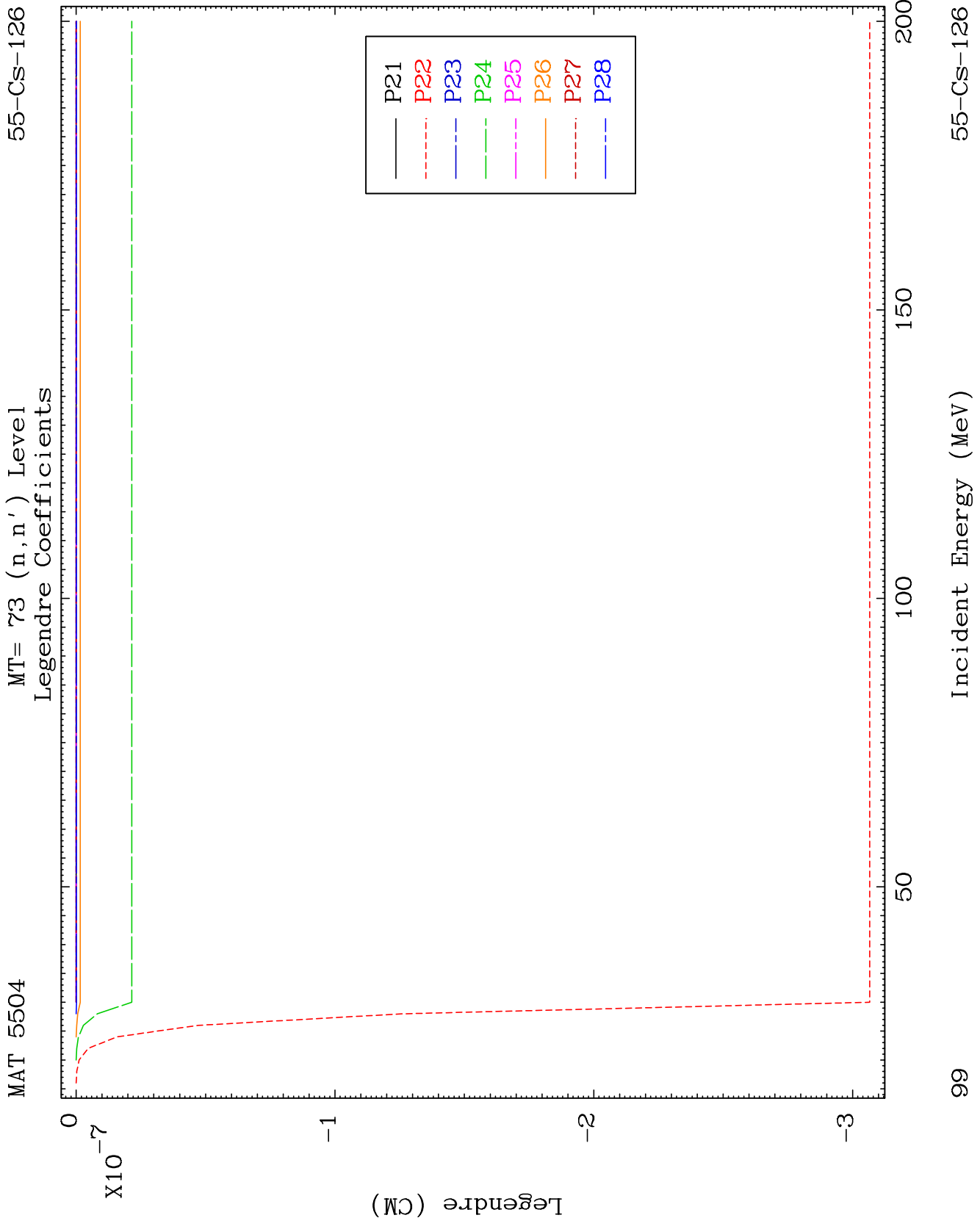
MT= 73 (n,n') Level
Legendre Coefficients

55-Cs-126



98

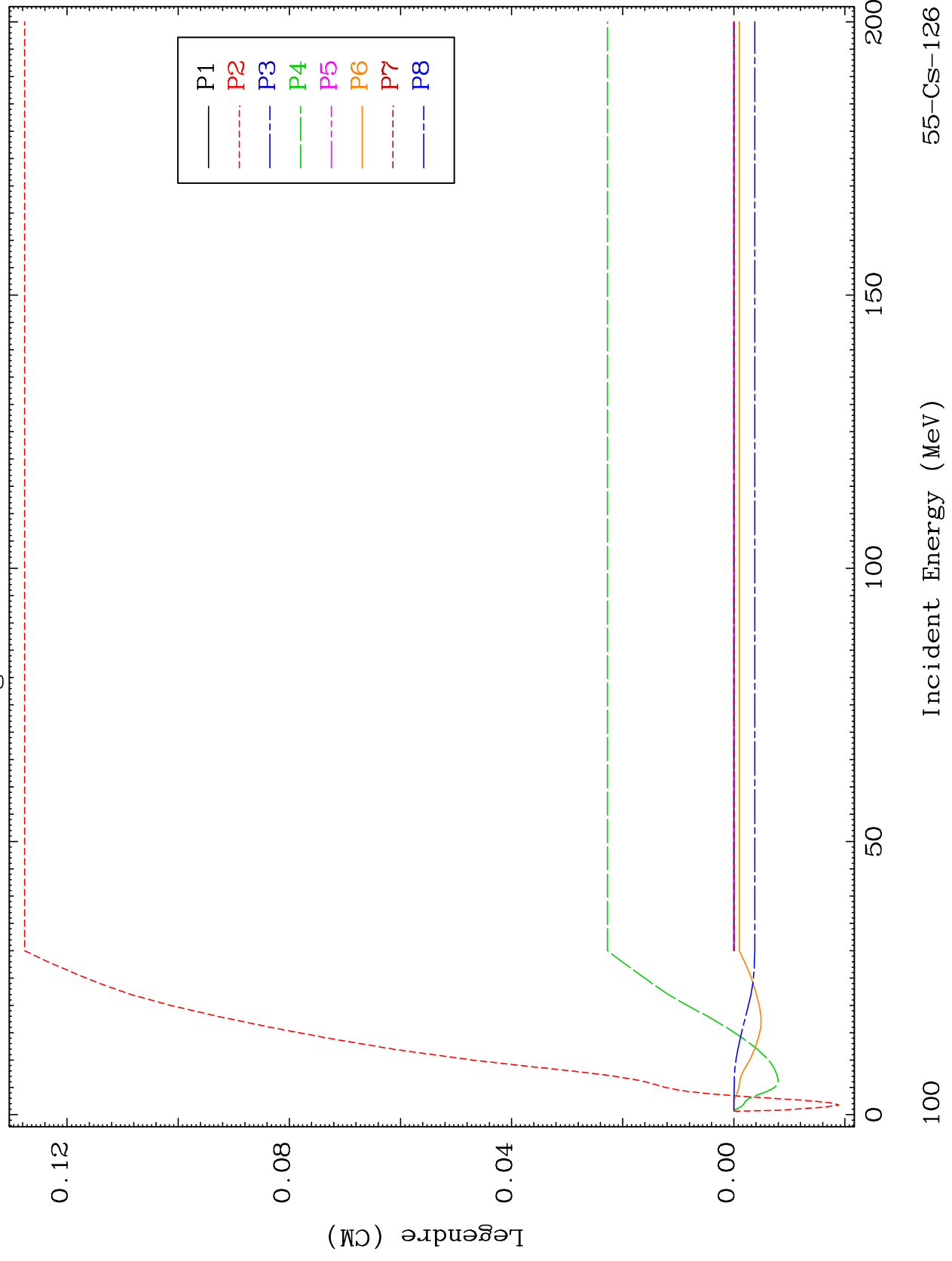
55-Cs-126



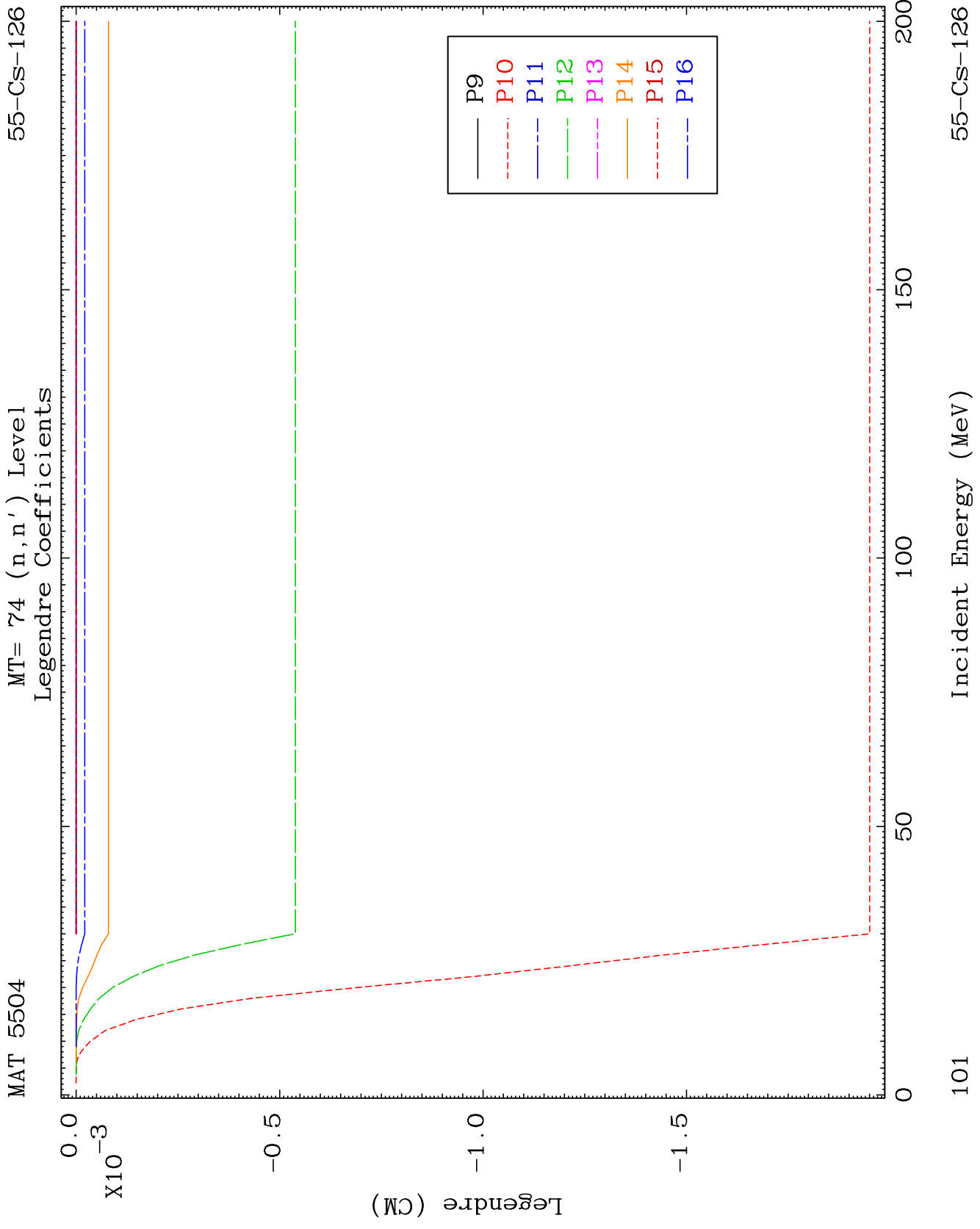
MAT 5504

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

55-Cs-126



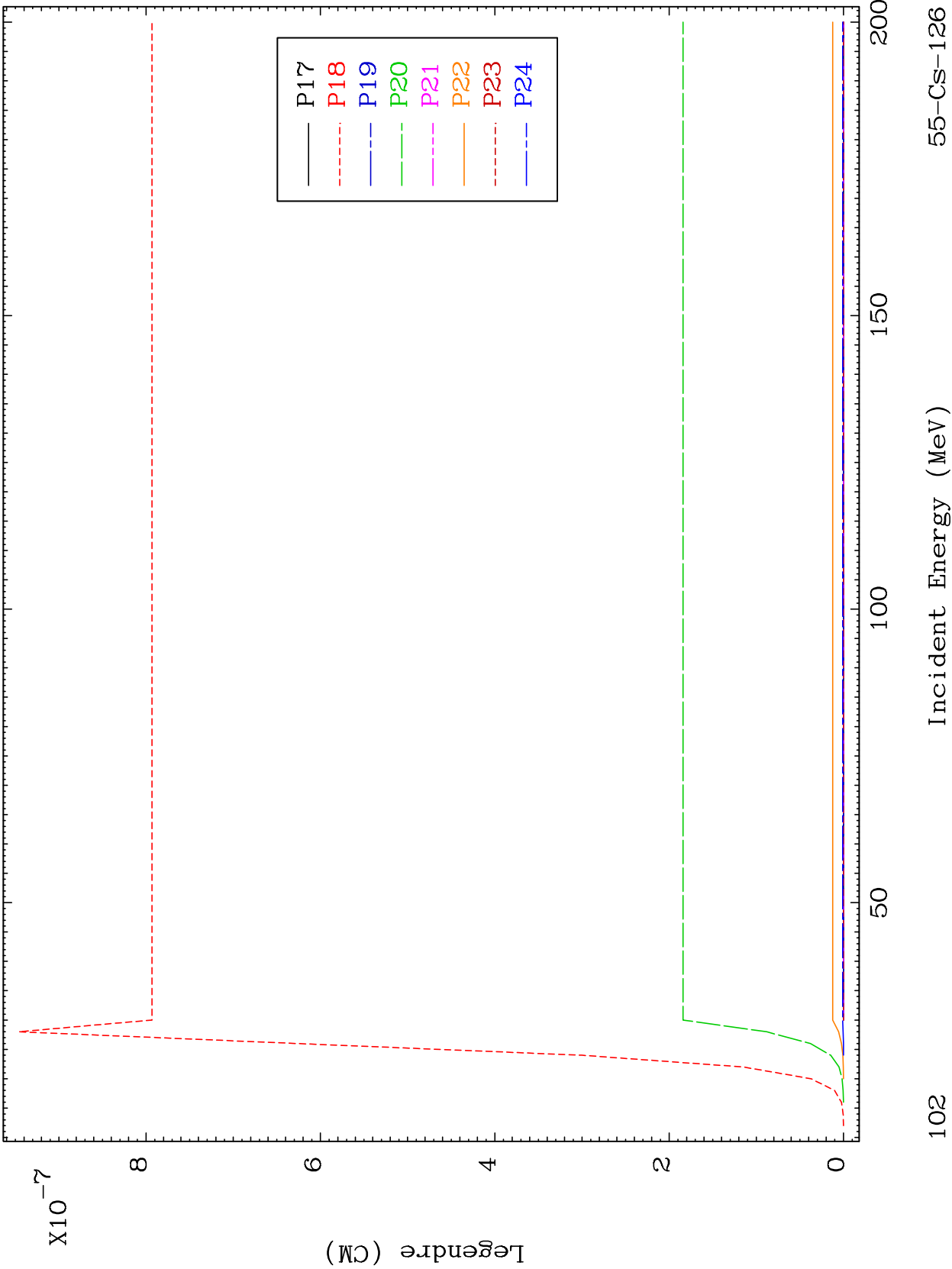
55-Cs-126



MAT 5504

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

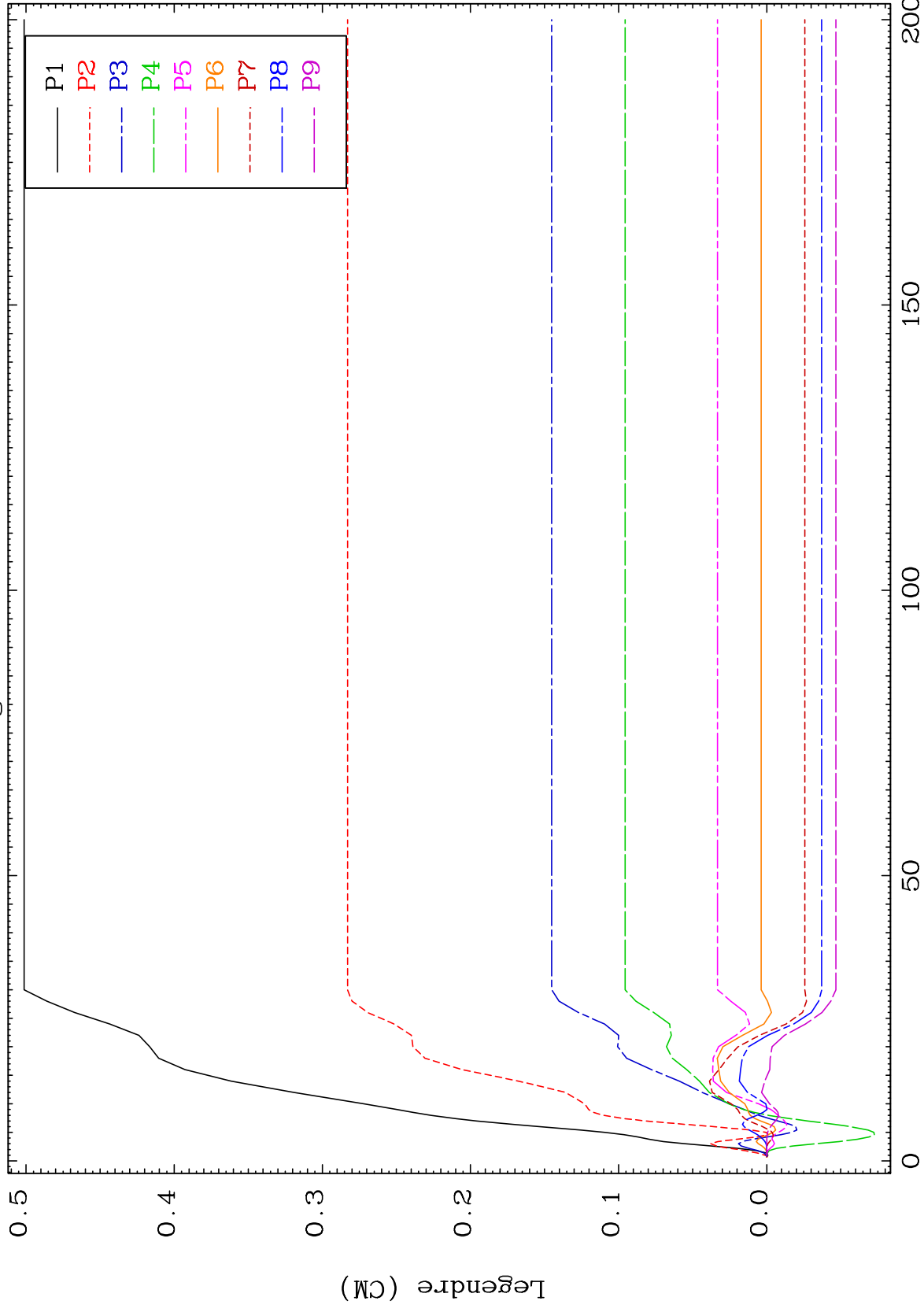
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

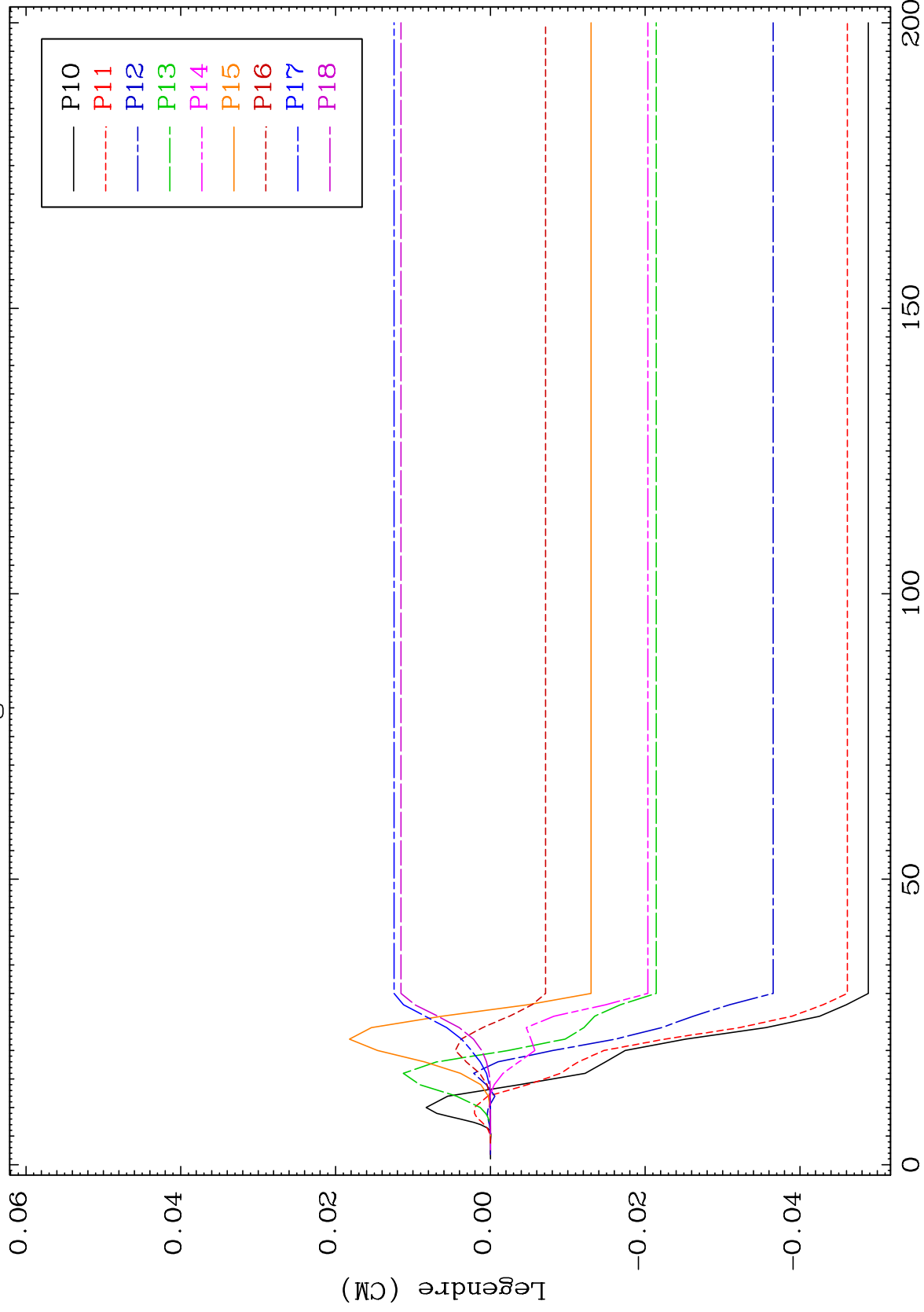
Incident Energy (MeV)

103

MAT 5504

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

55-Cs-126



104

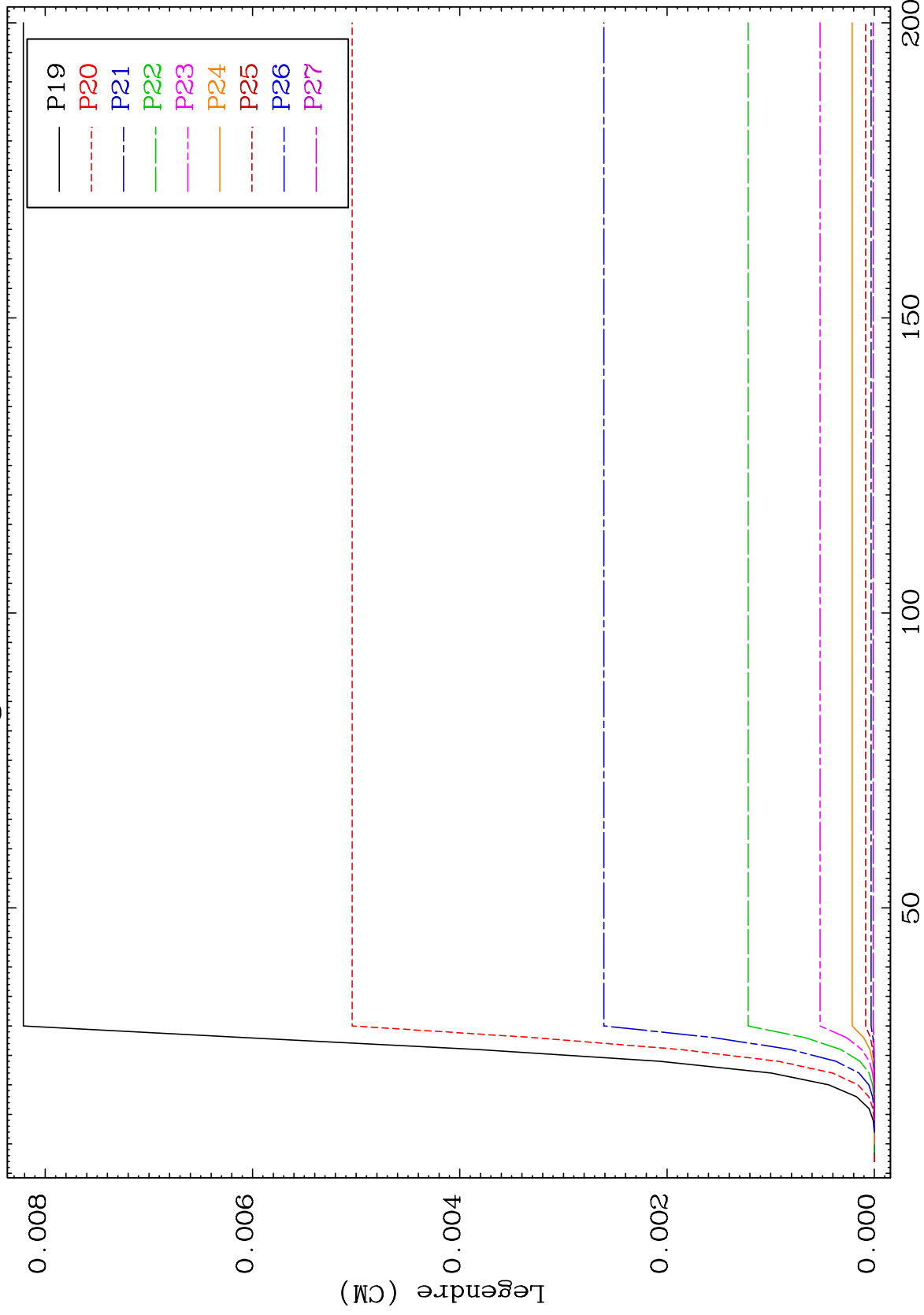
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



105

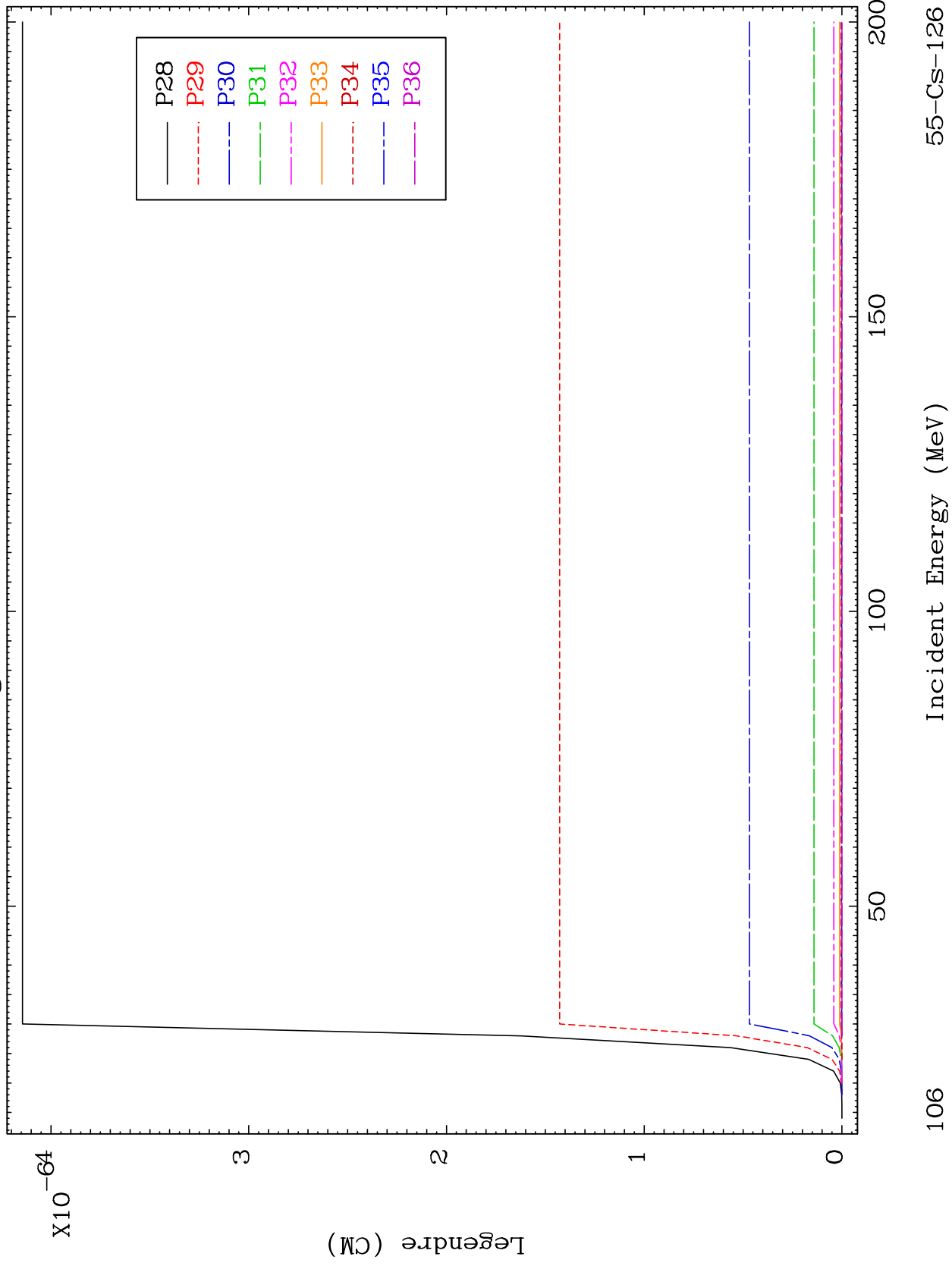
Incident Energy (MeV)

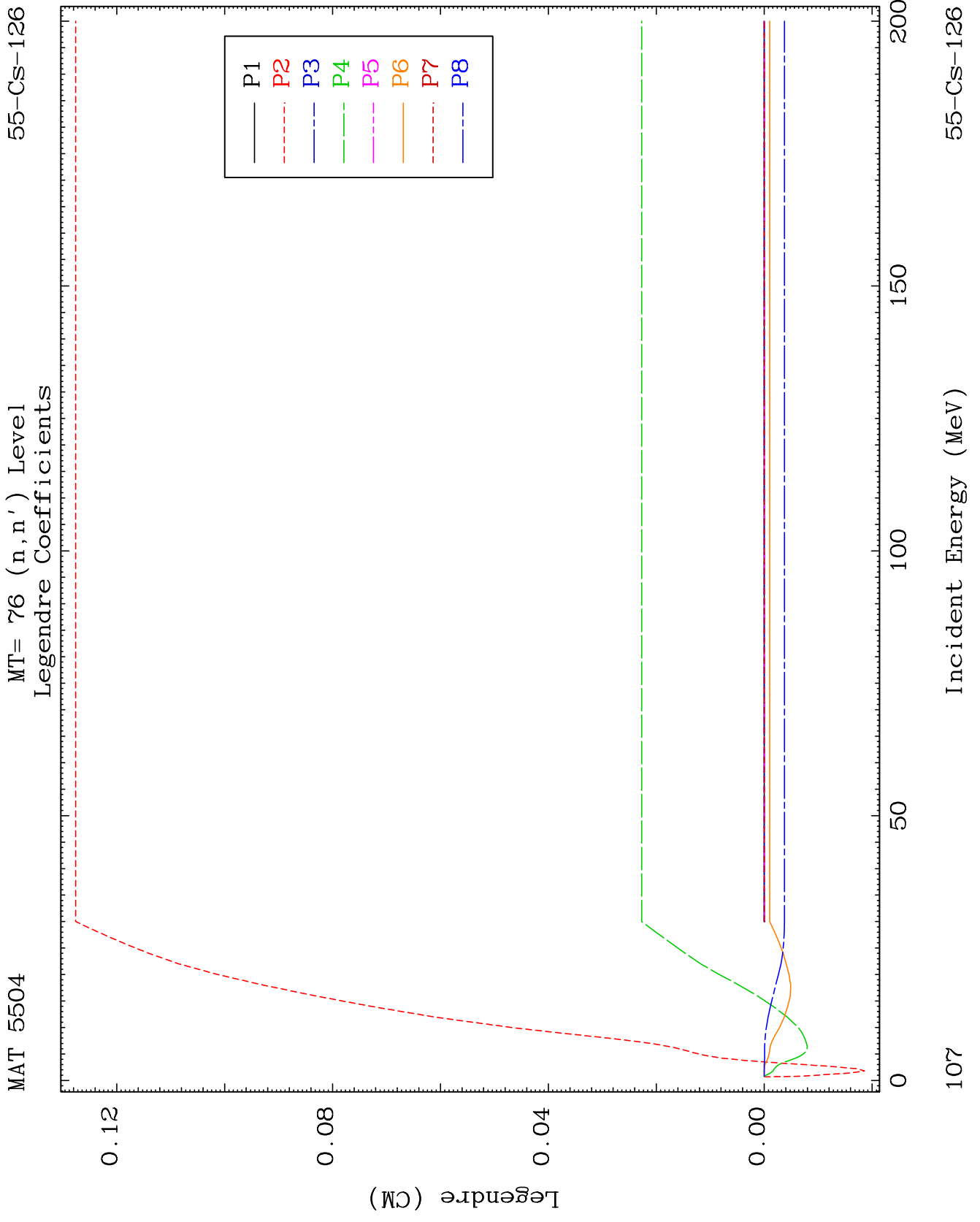
55-Cs-126

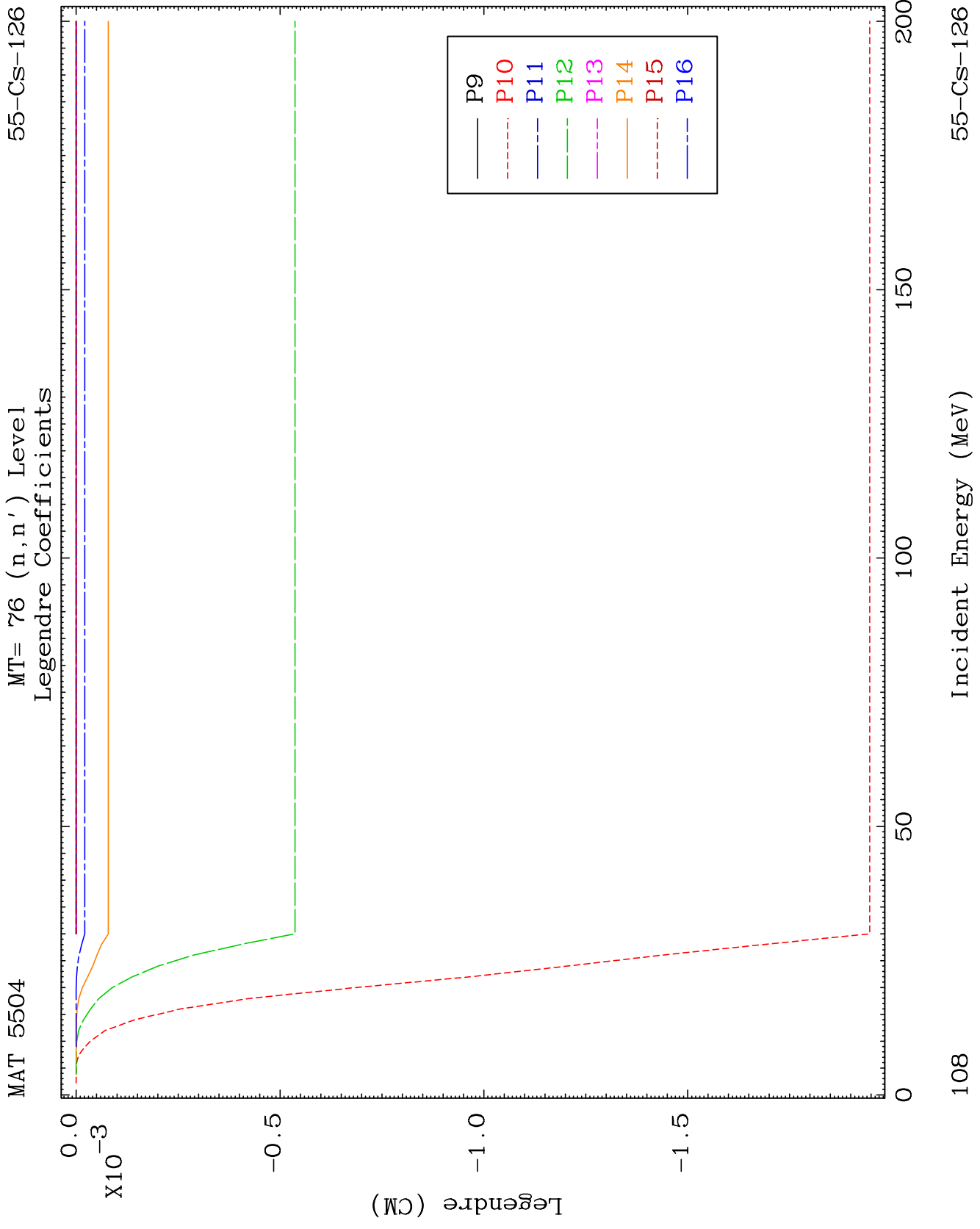
MAT 5504

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

55-Cs-126



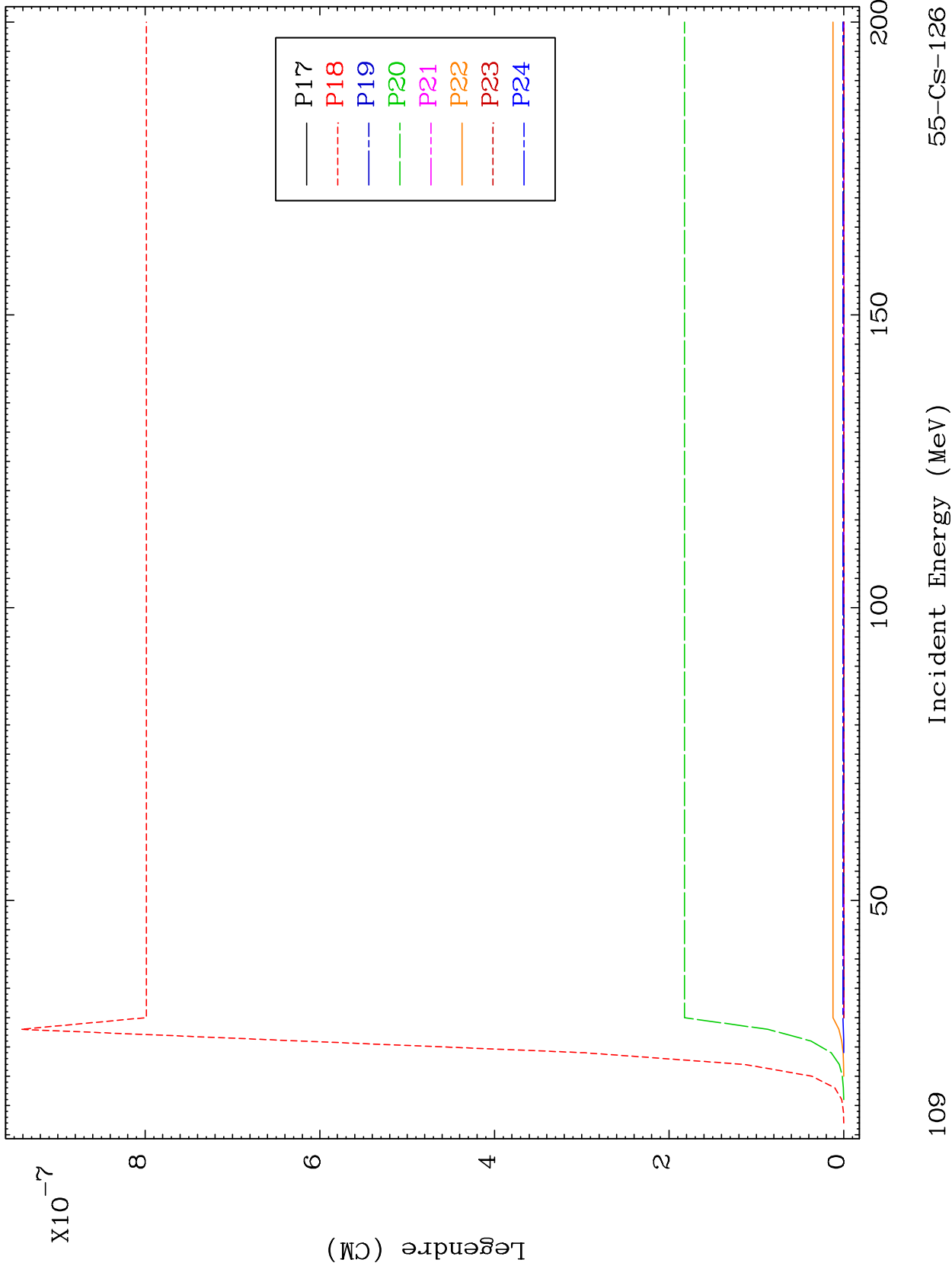




MAT 5504

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

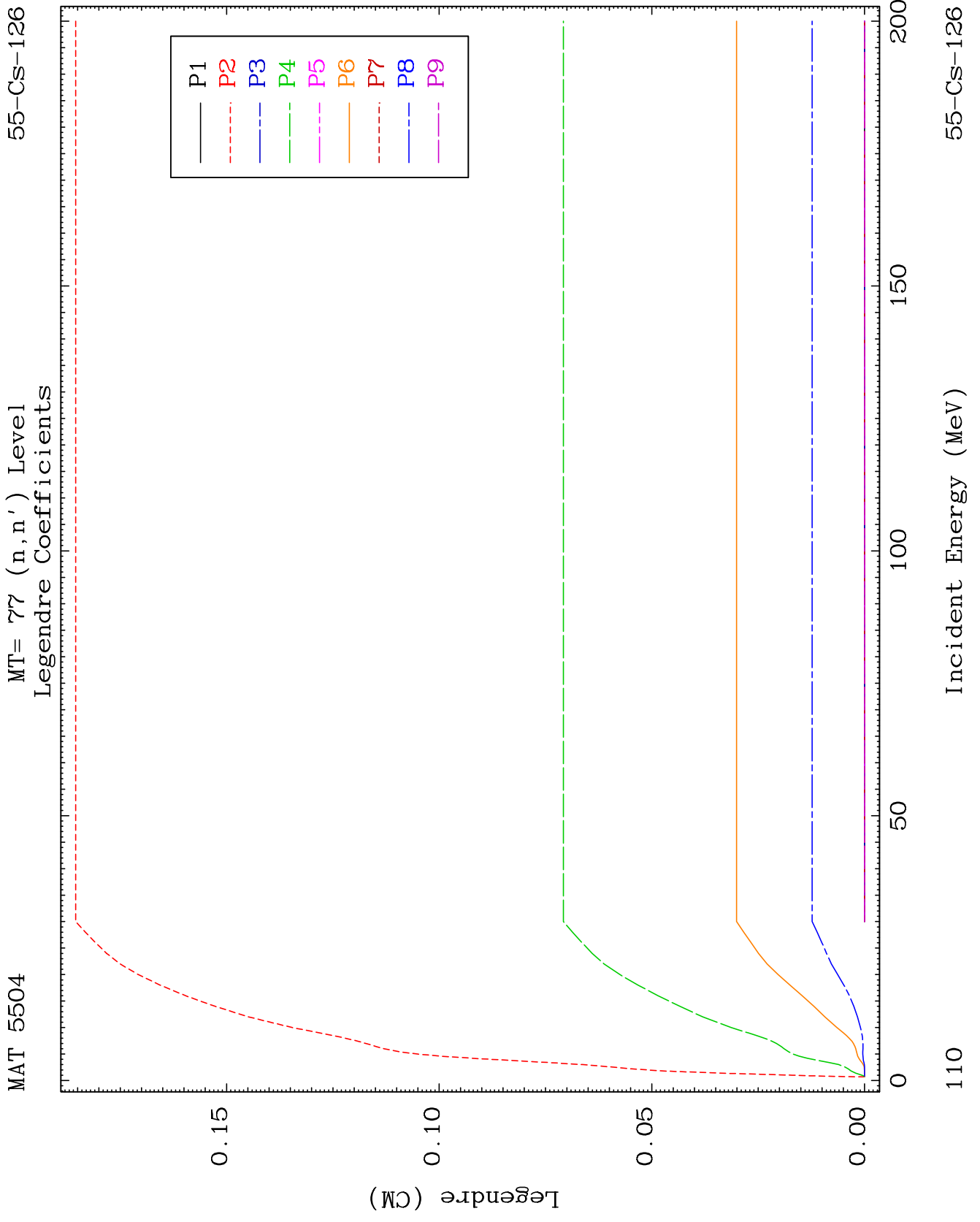
55-Cs-126



55-Cs-126

Incident Energy (MeV)

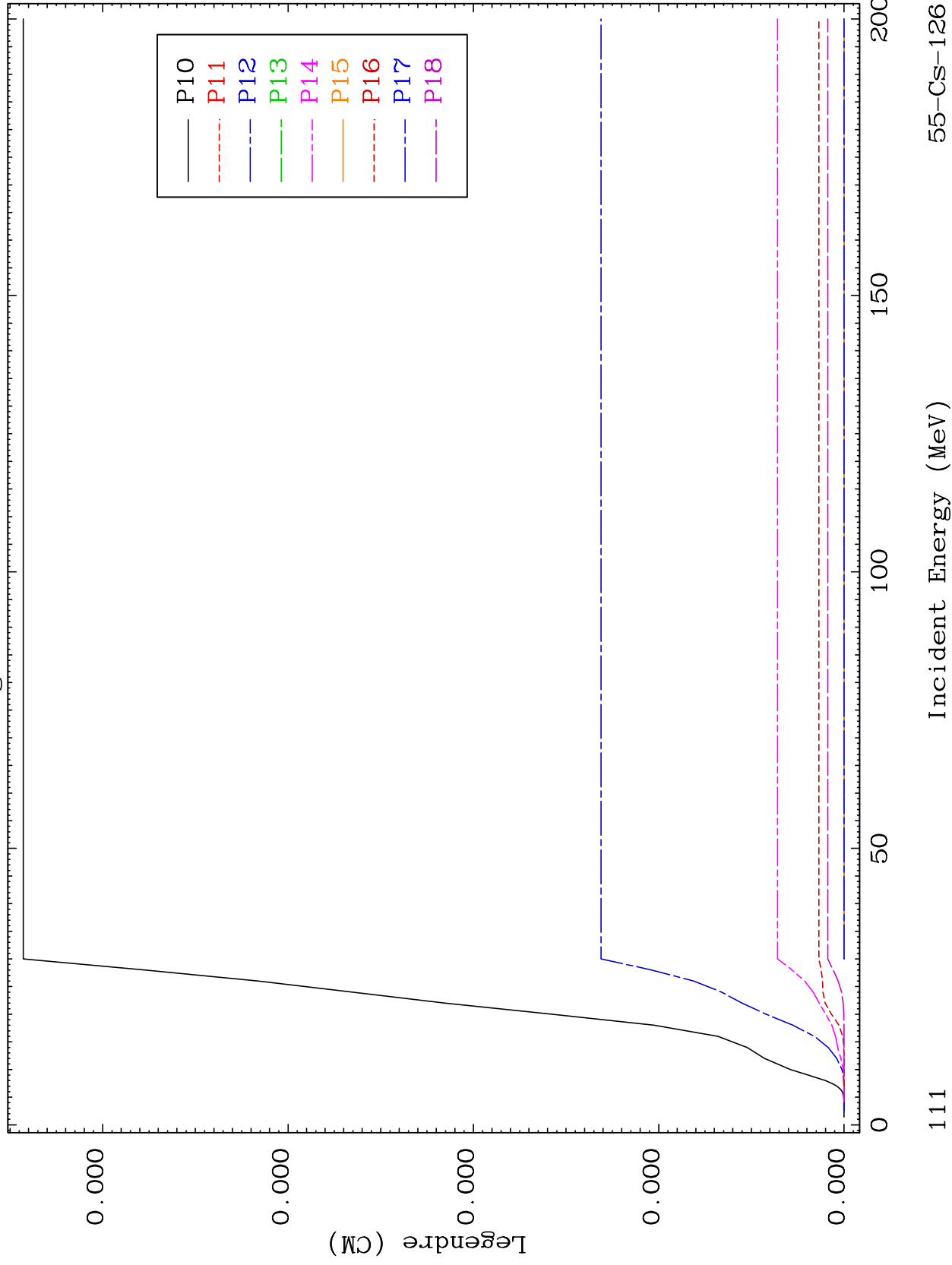
109



MAT 5504

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

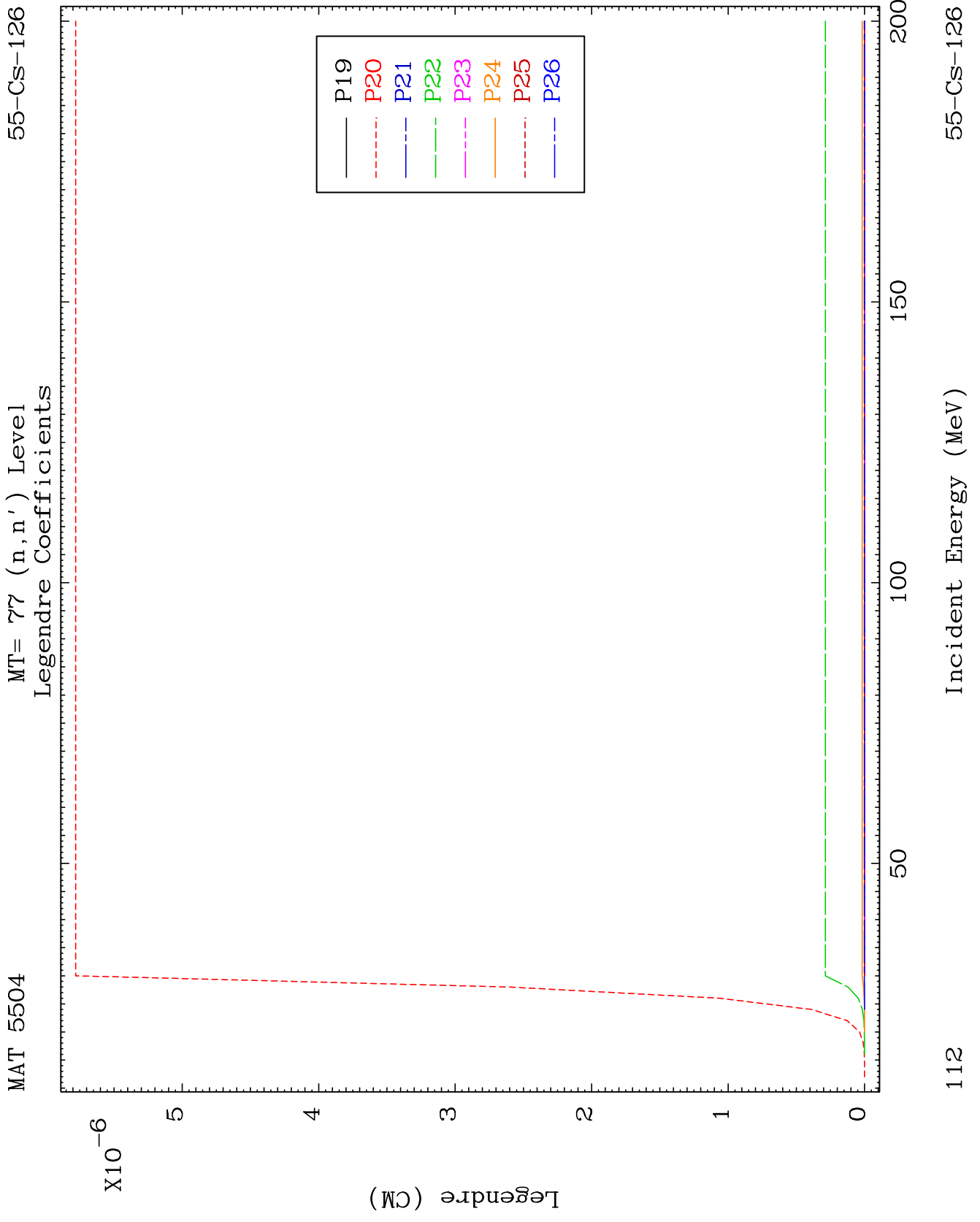
55-Cs-126



111

Incident Energy (MeV)

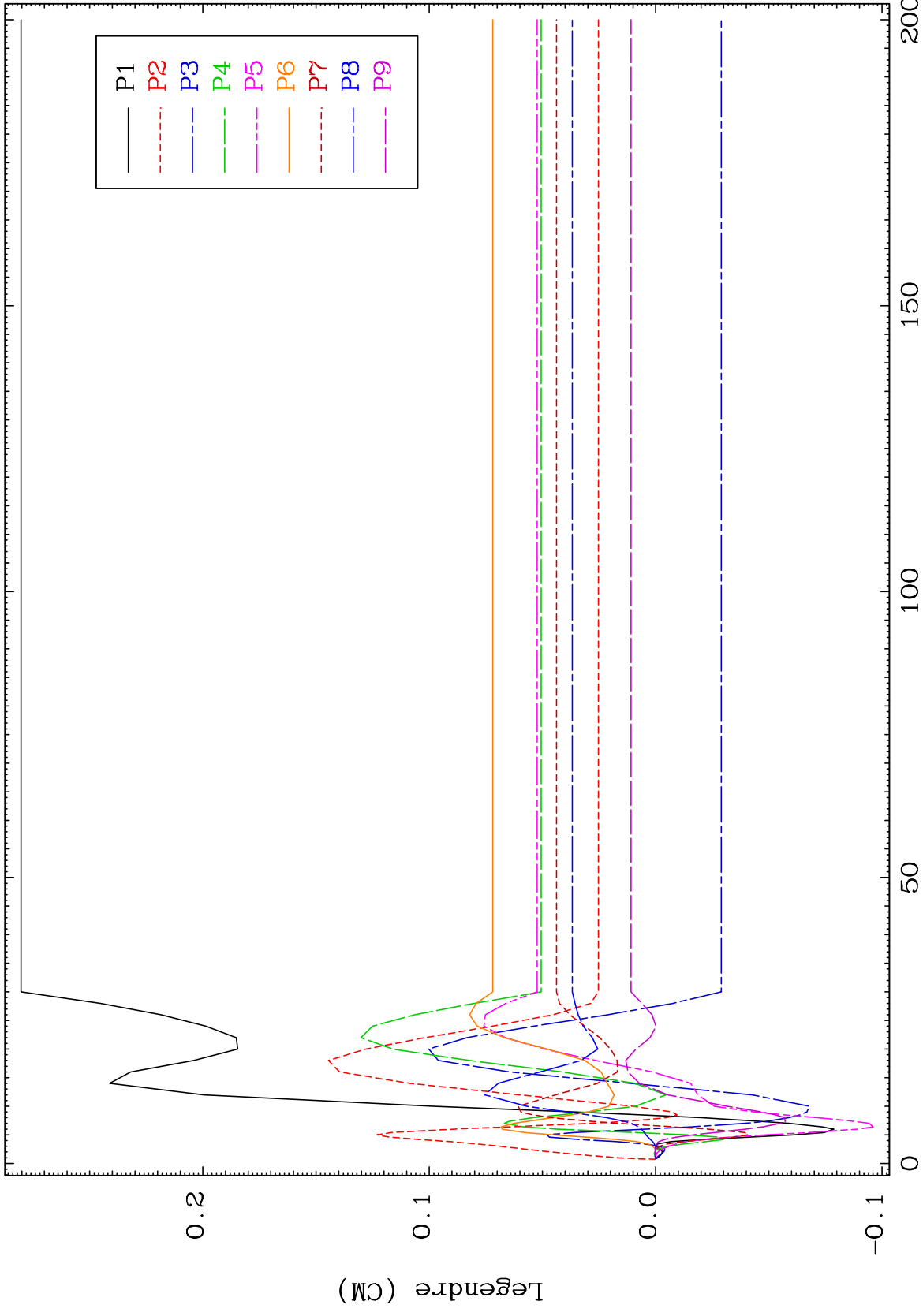
55-Cs-126



MAT 5504

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

55-Cs-126



113

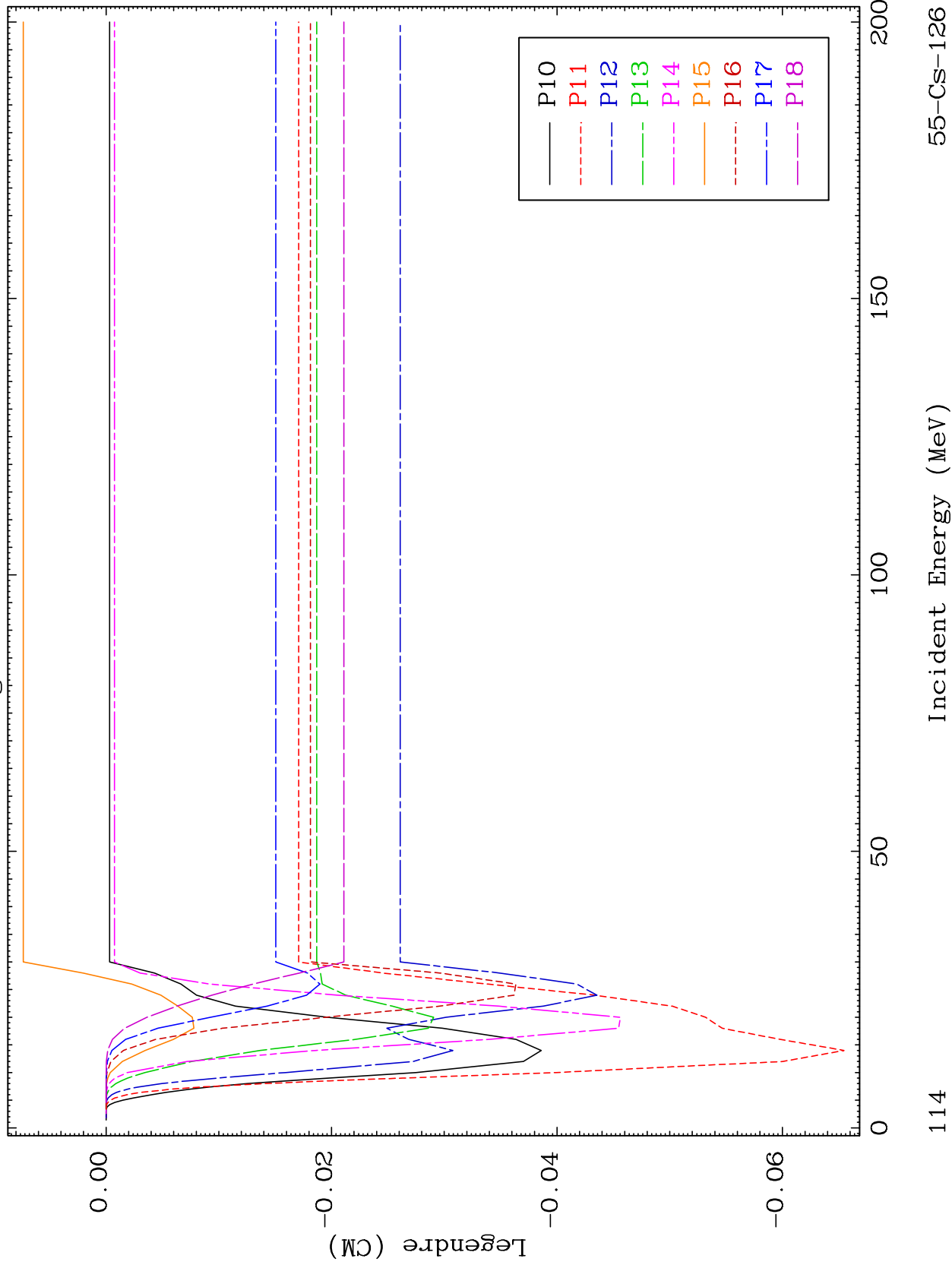
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

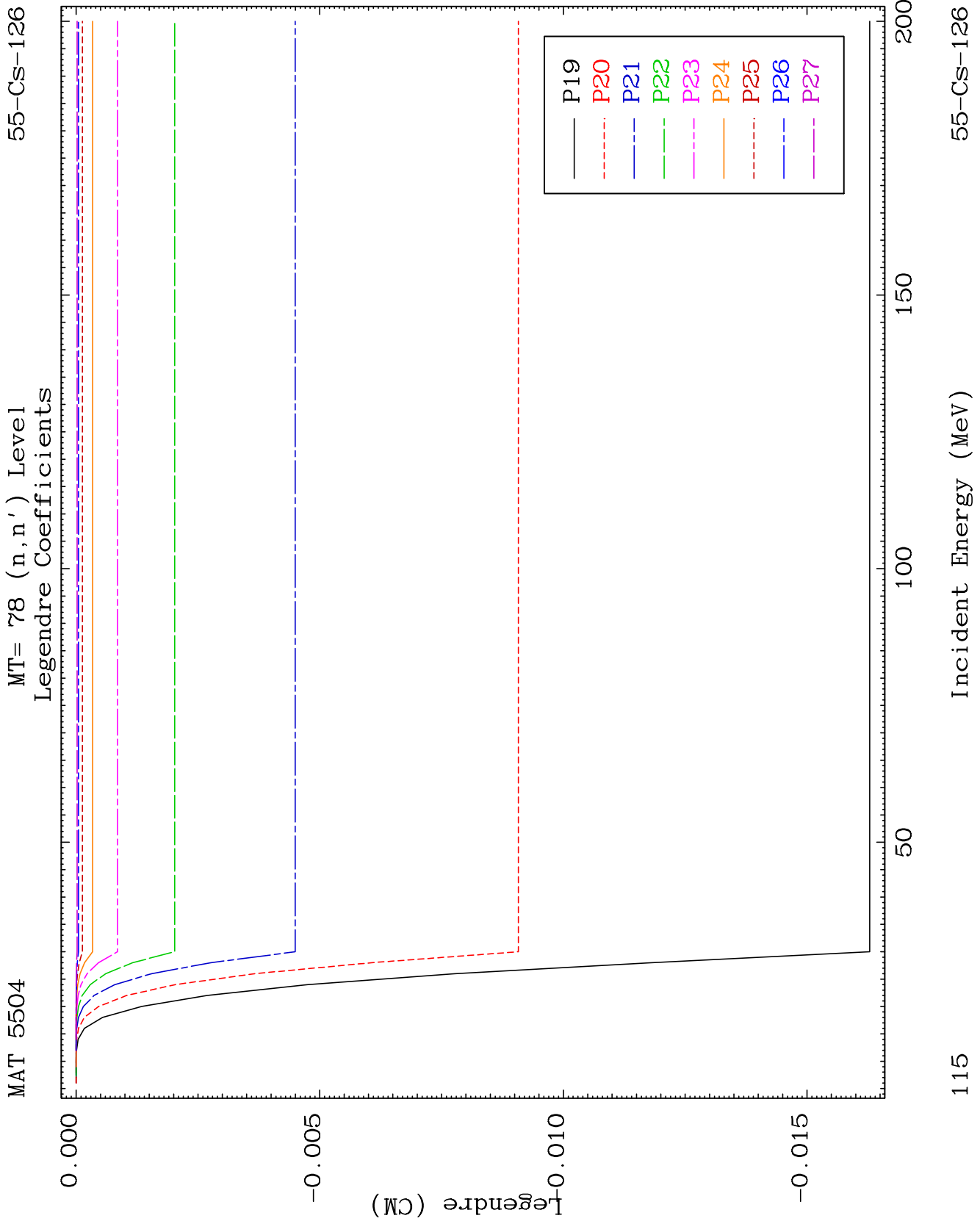
55-Cs-126

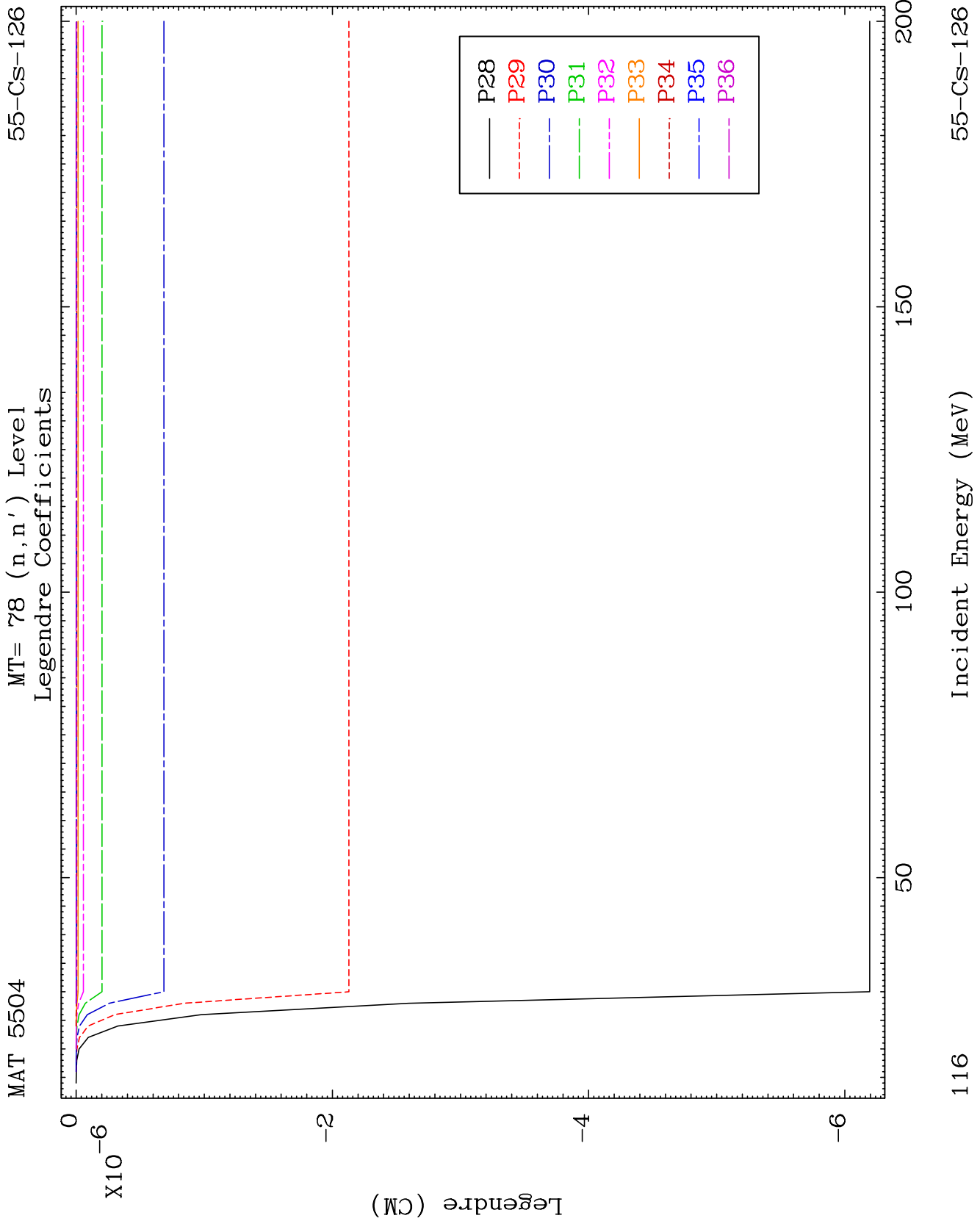


55-Cs-126

Incident Energy (MeV)

114

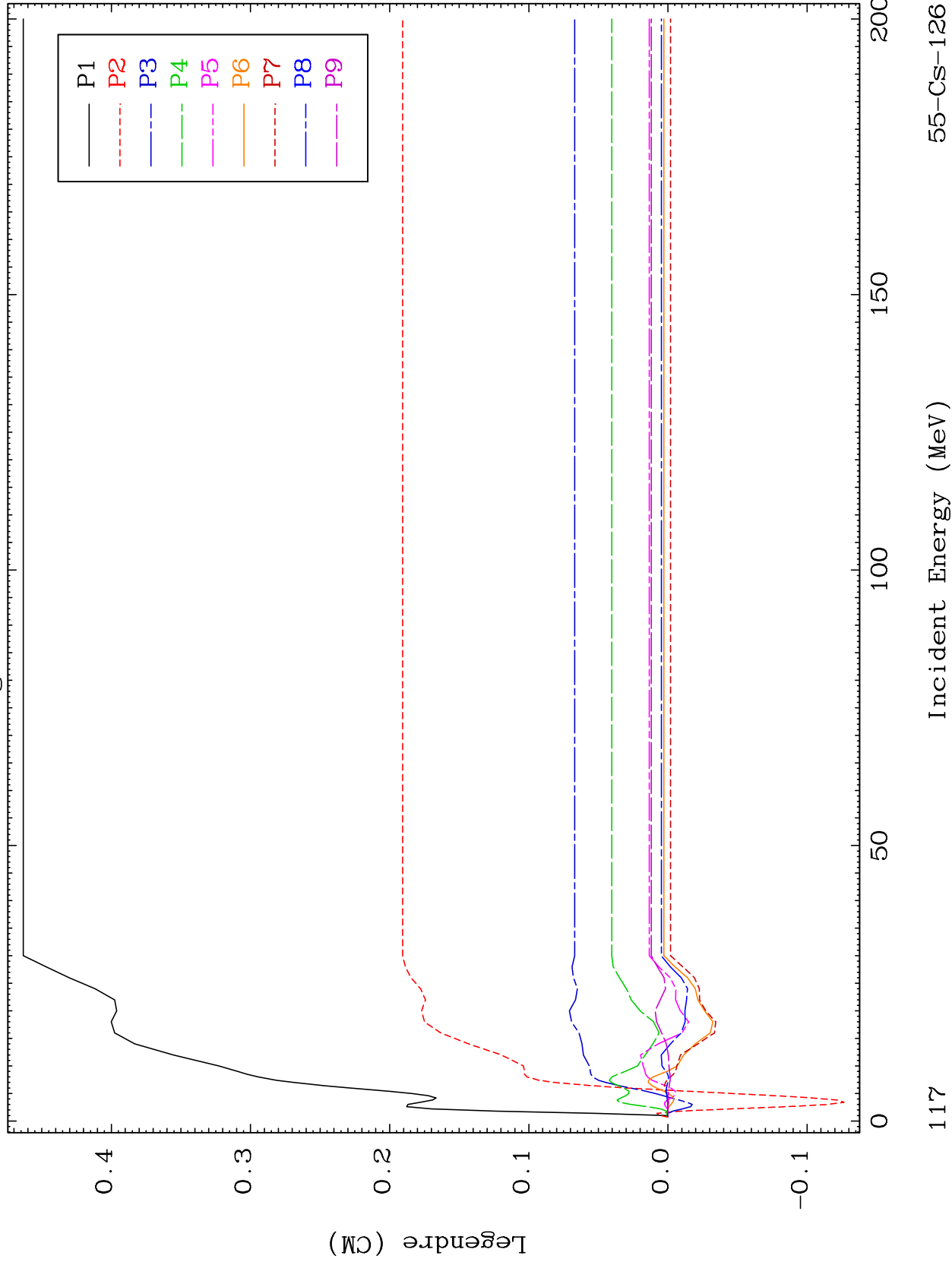




MAT 5504

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

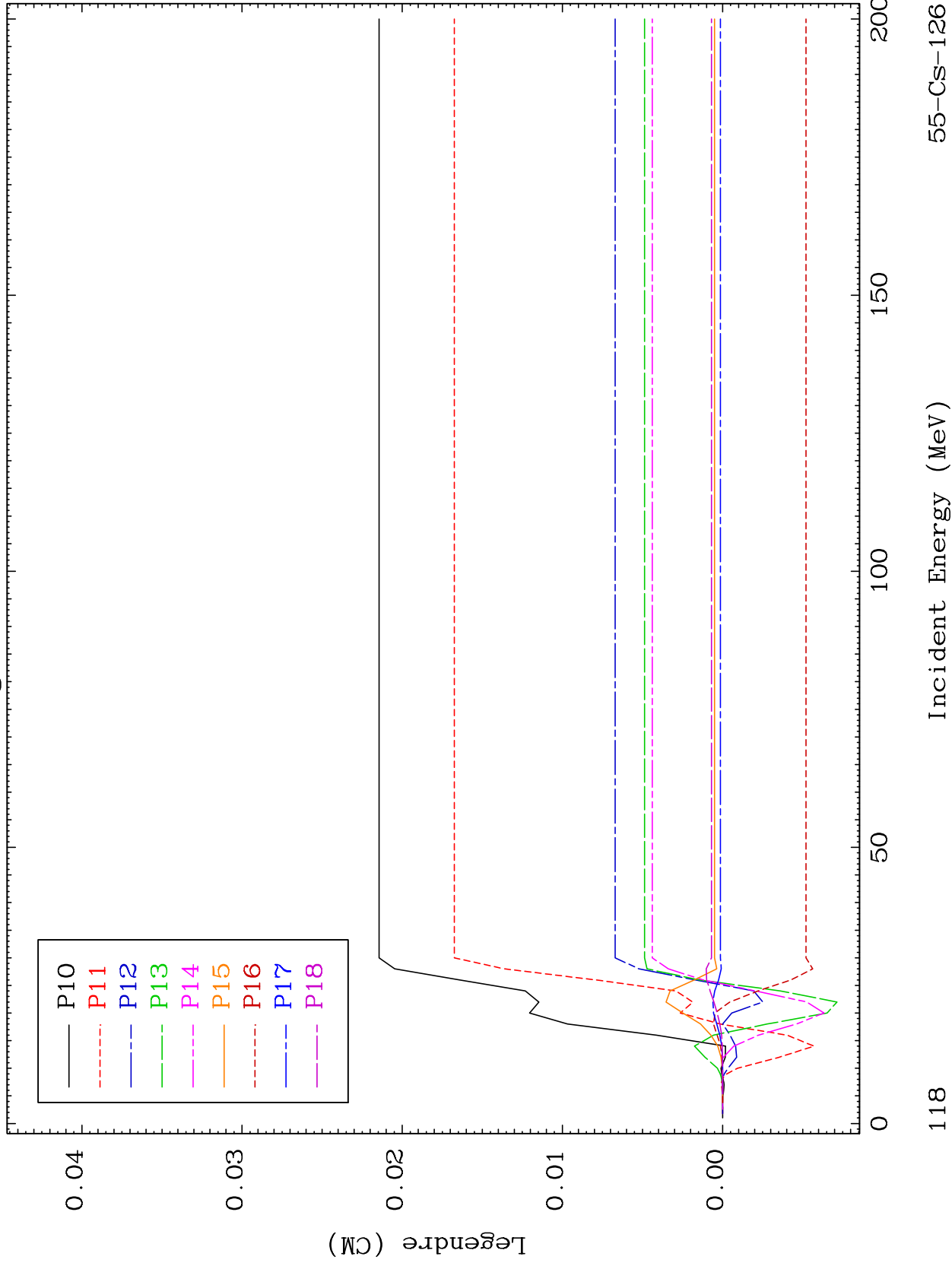
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

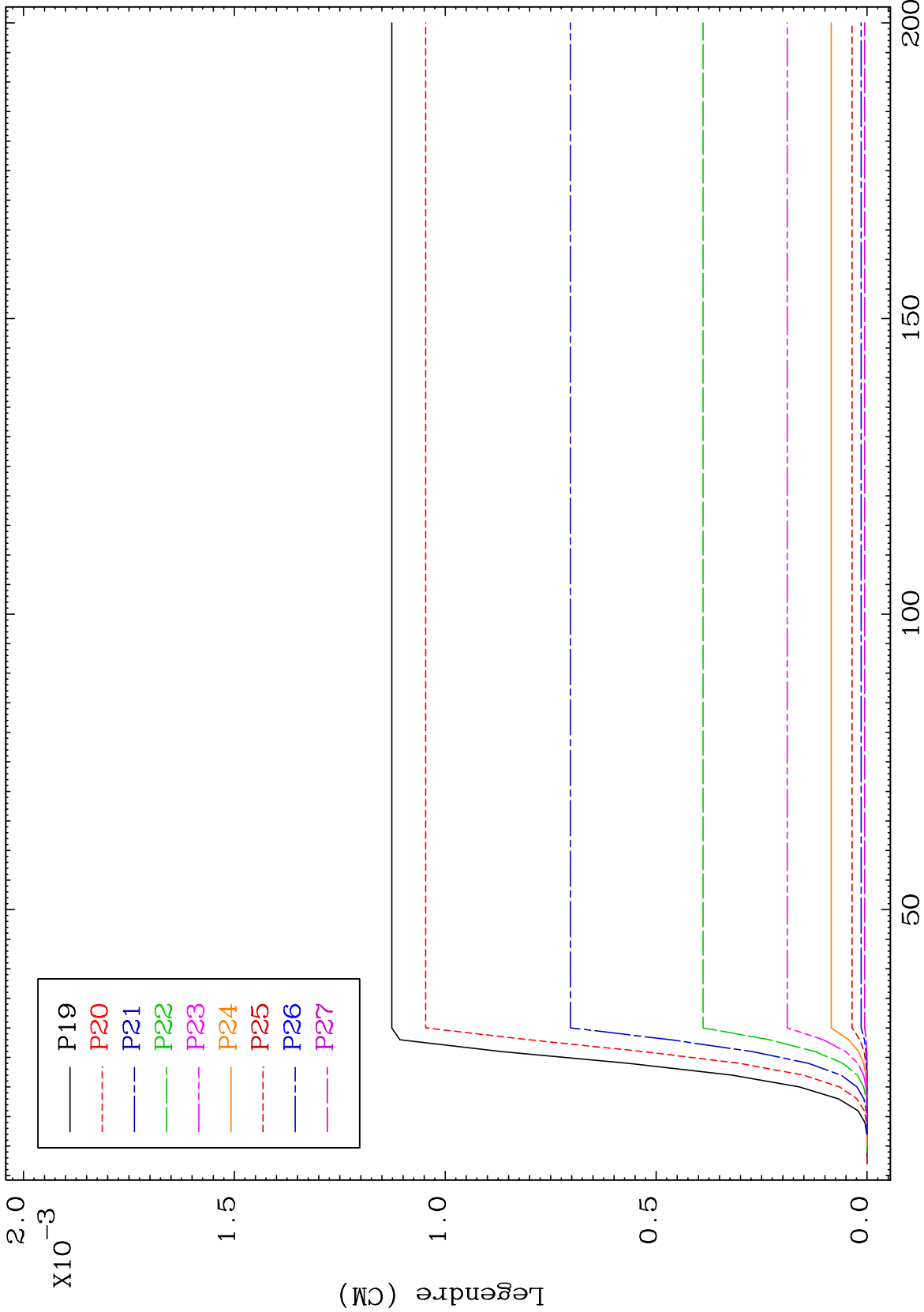
Incident Energy (MeV)

118

MAT 5504

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

55-Cs-126



119

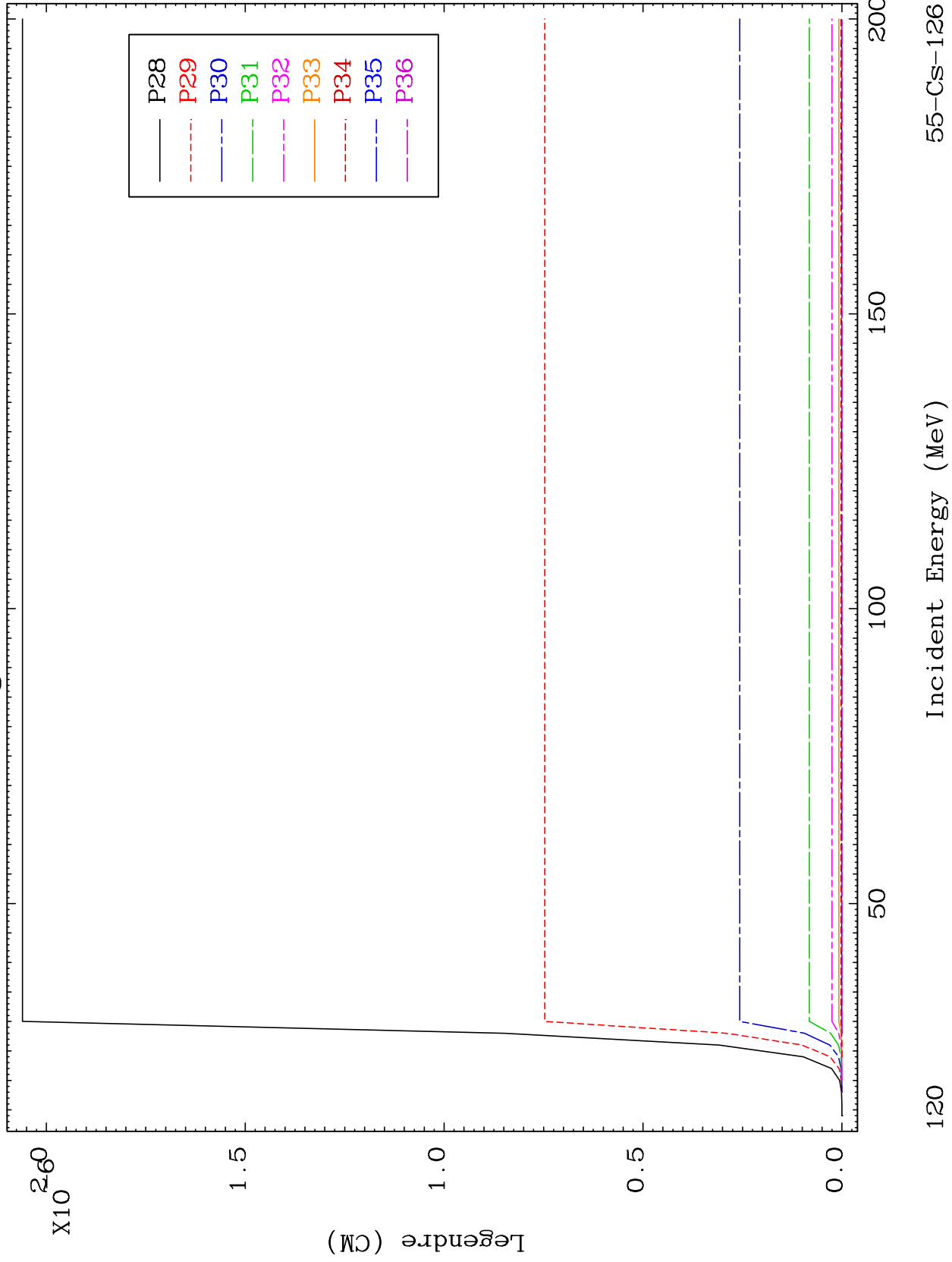
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126

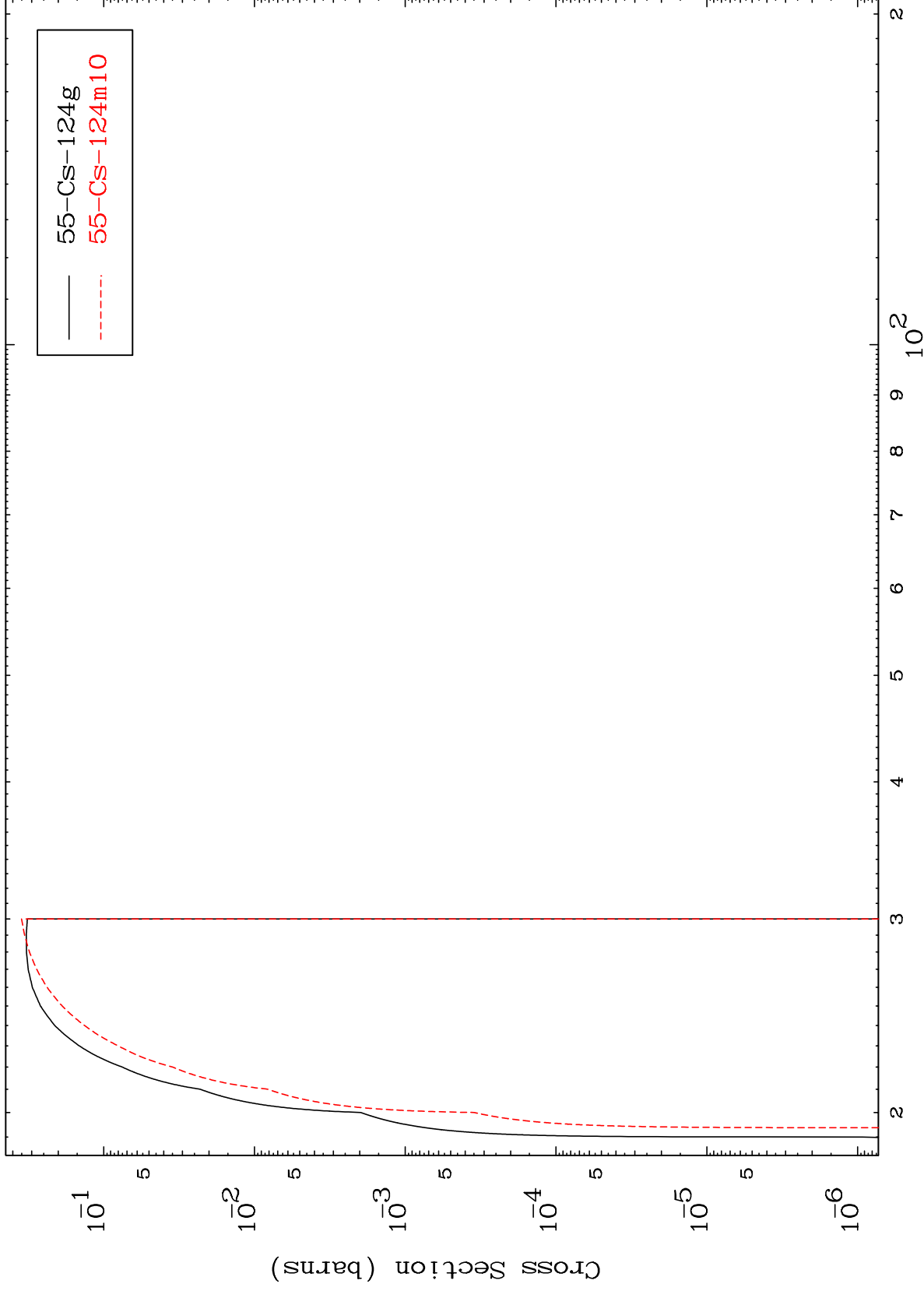


MAT 5504

(n,3n)

55-Cs-126

Radionuclide Production Cross Section



121

Incident Energy (MeV)

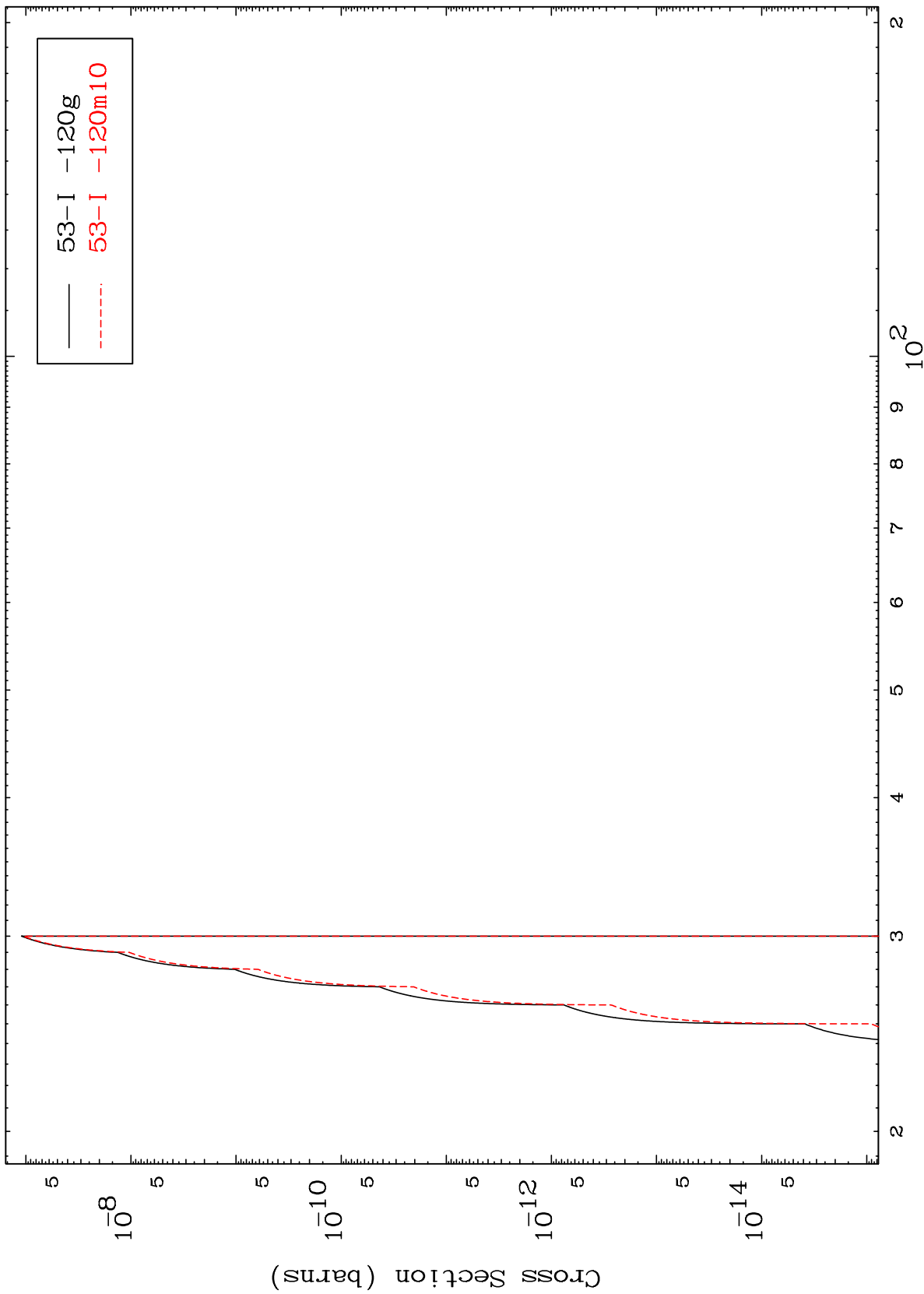
55-Cs-126

MAT 5504

(n,3n) α

55-Cs-126

Radionuclide Production Cross Section



122

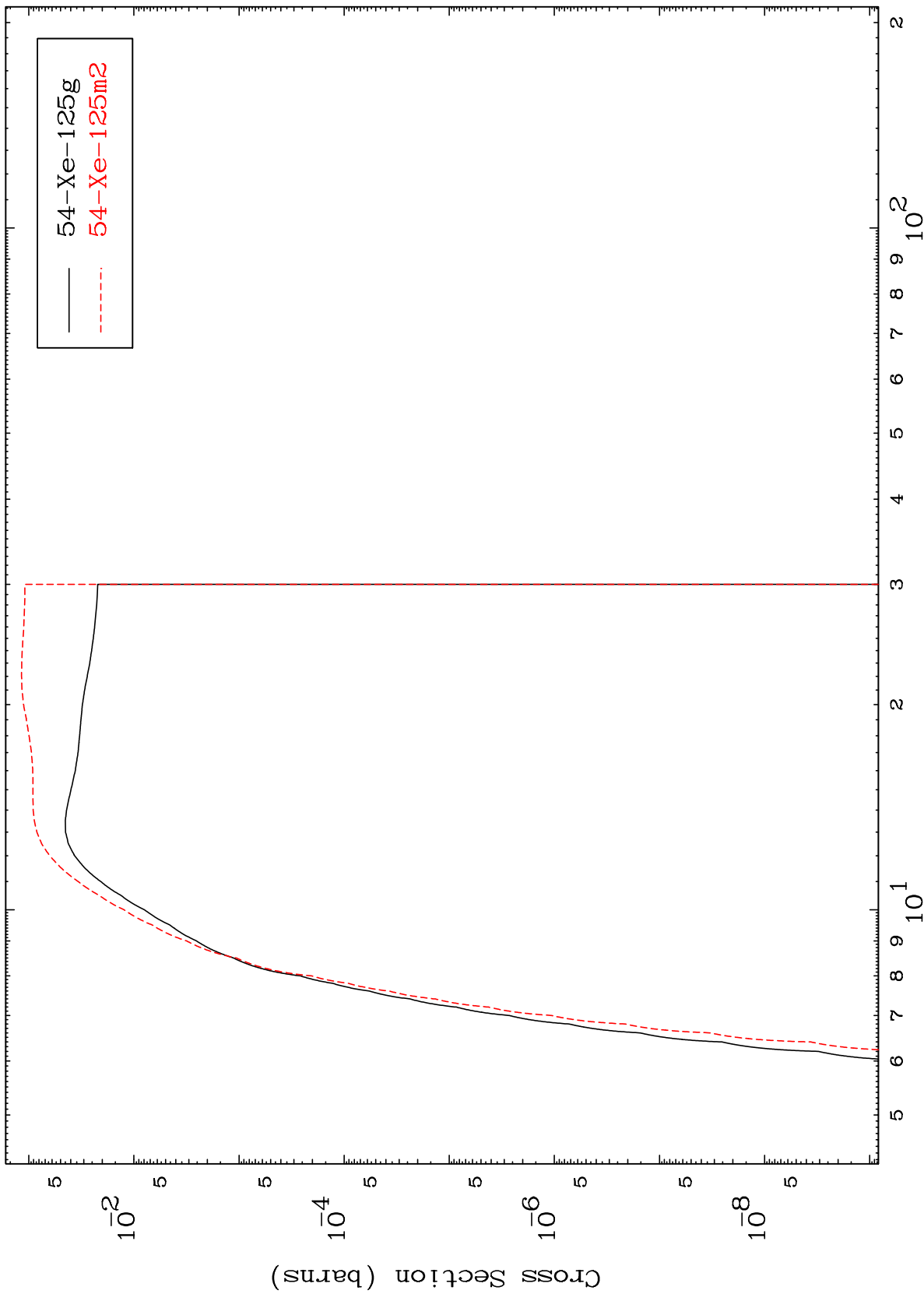
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n, n') p
Radionuclide Production Cross Section



55-Cs-126

Incident Energy (MeV)

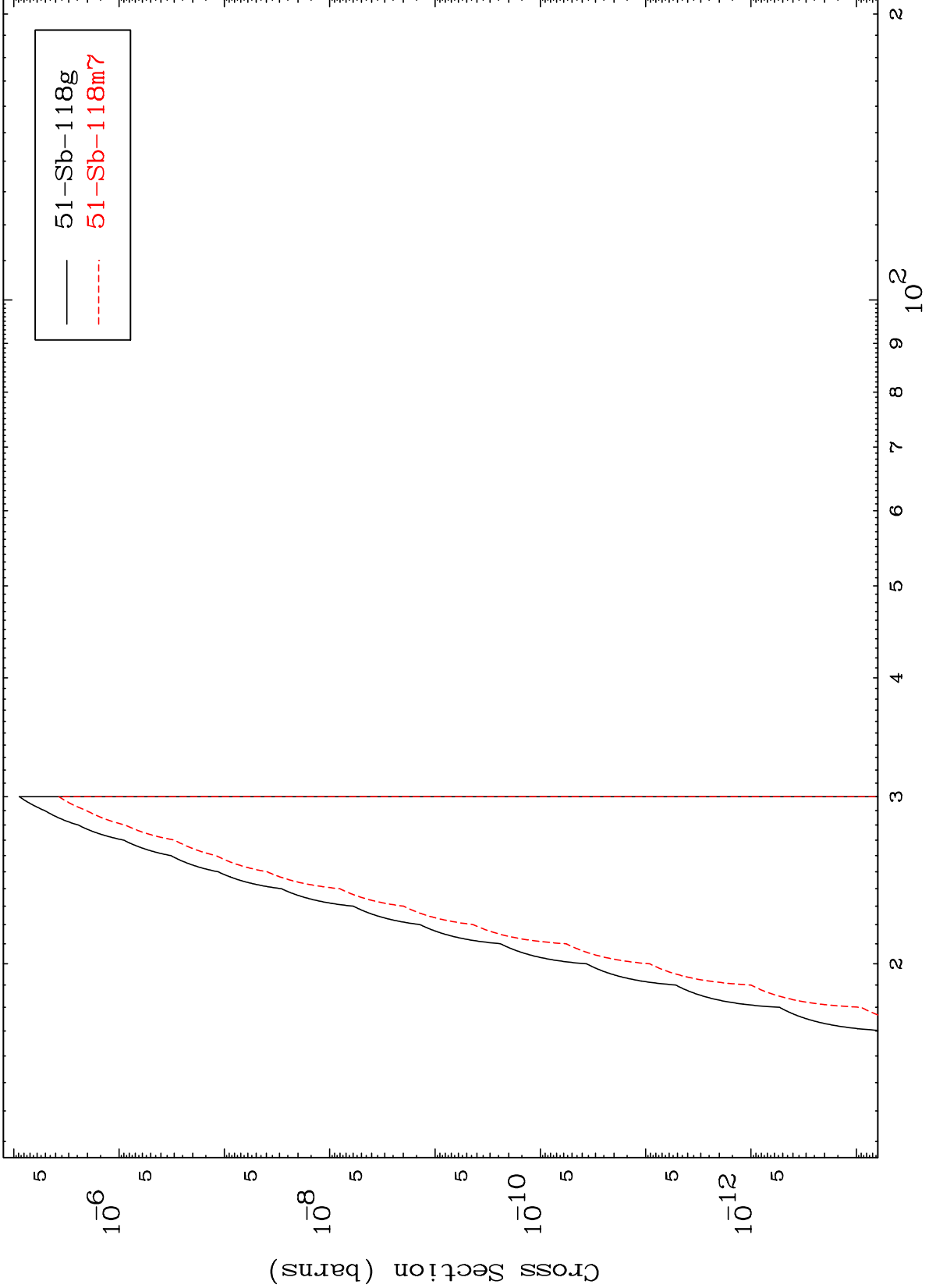
123

MAT 5504

(n,n') 2 α

55-Cs-126

Radionuclide Production Cross Section



51-Sb-118g
51-Sb-118m7

124

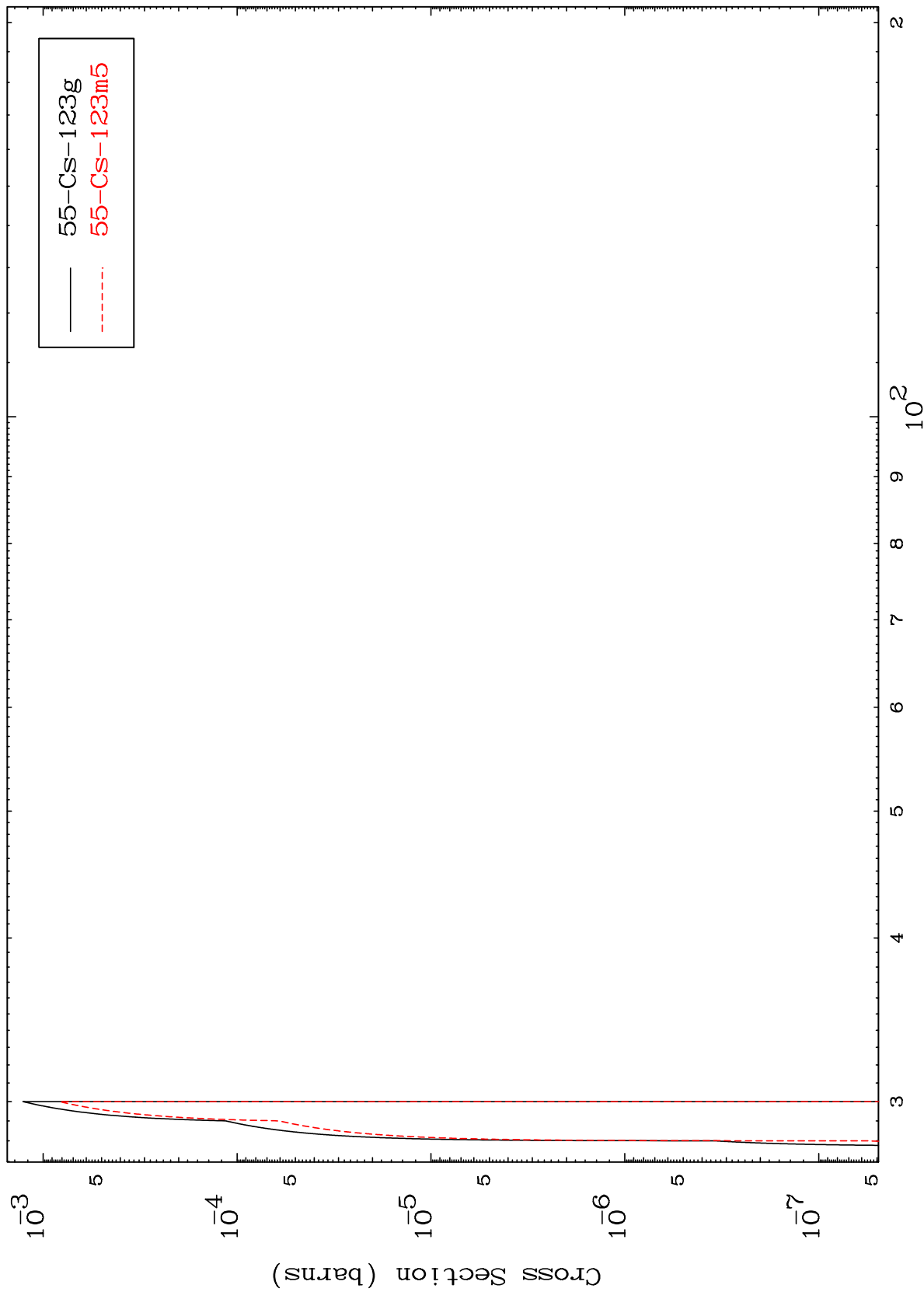
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,4n)
Radionuclide Production Cross Section



55-Cs-126

Incident Energy (MeV)

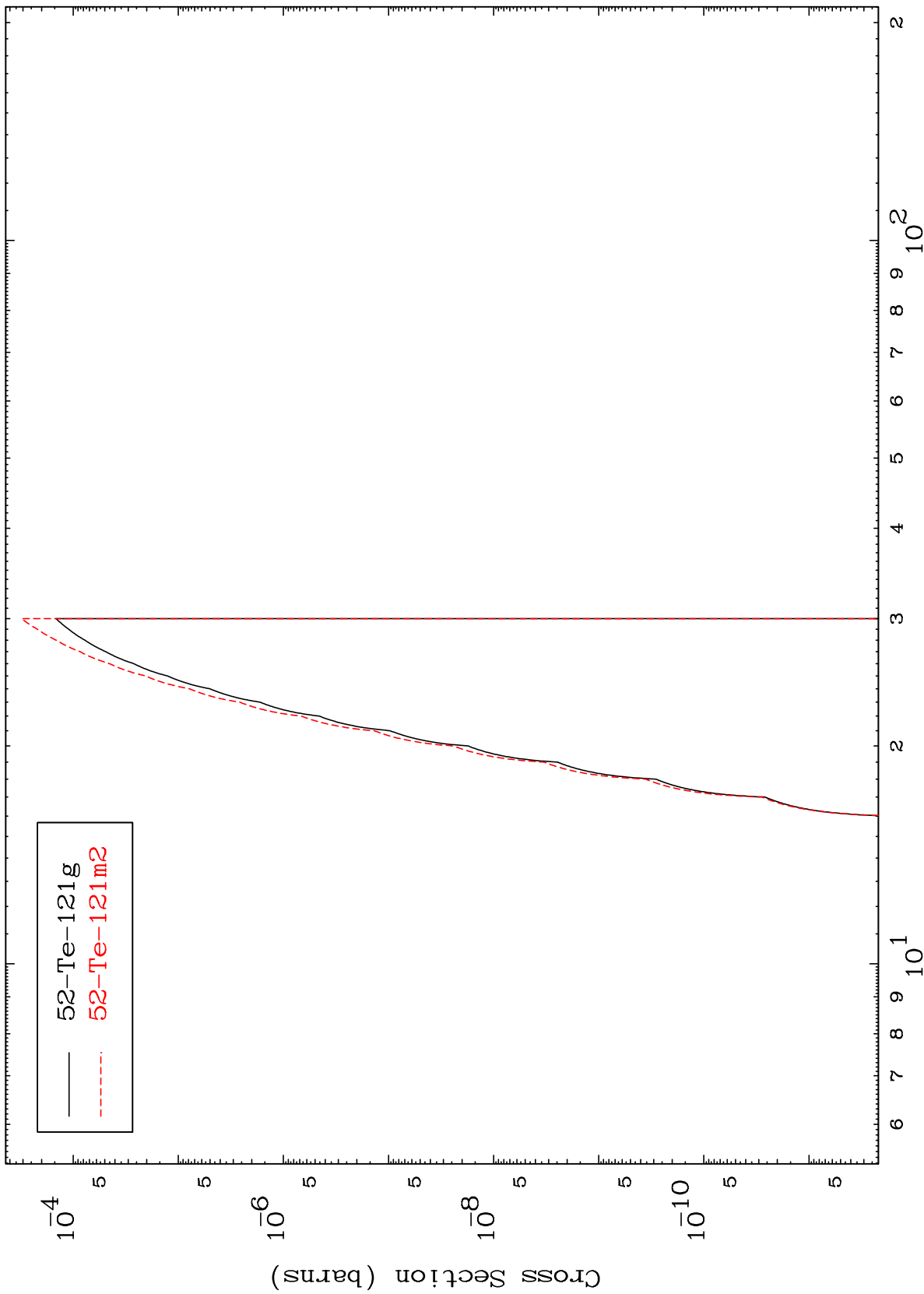
125

MAT 5504

(n,n') p α

55-Cs-126

Radionuclide Production Cross Section



126

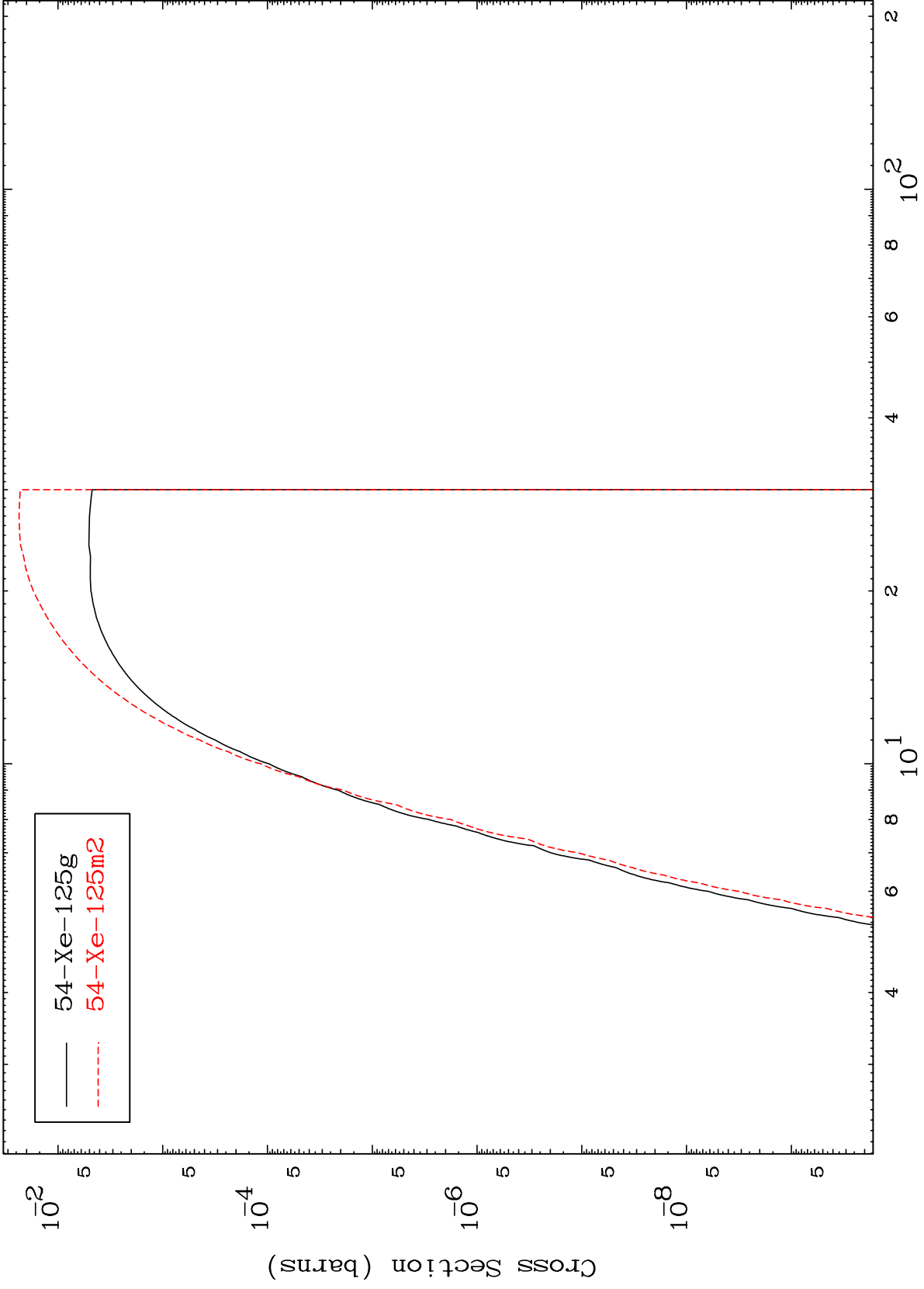
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,d)
Radionuclide Production Cross Section



127

55-Cs-126

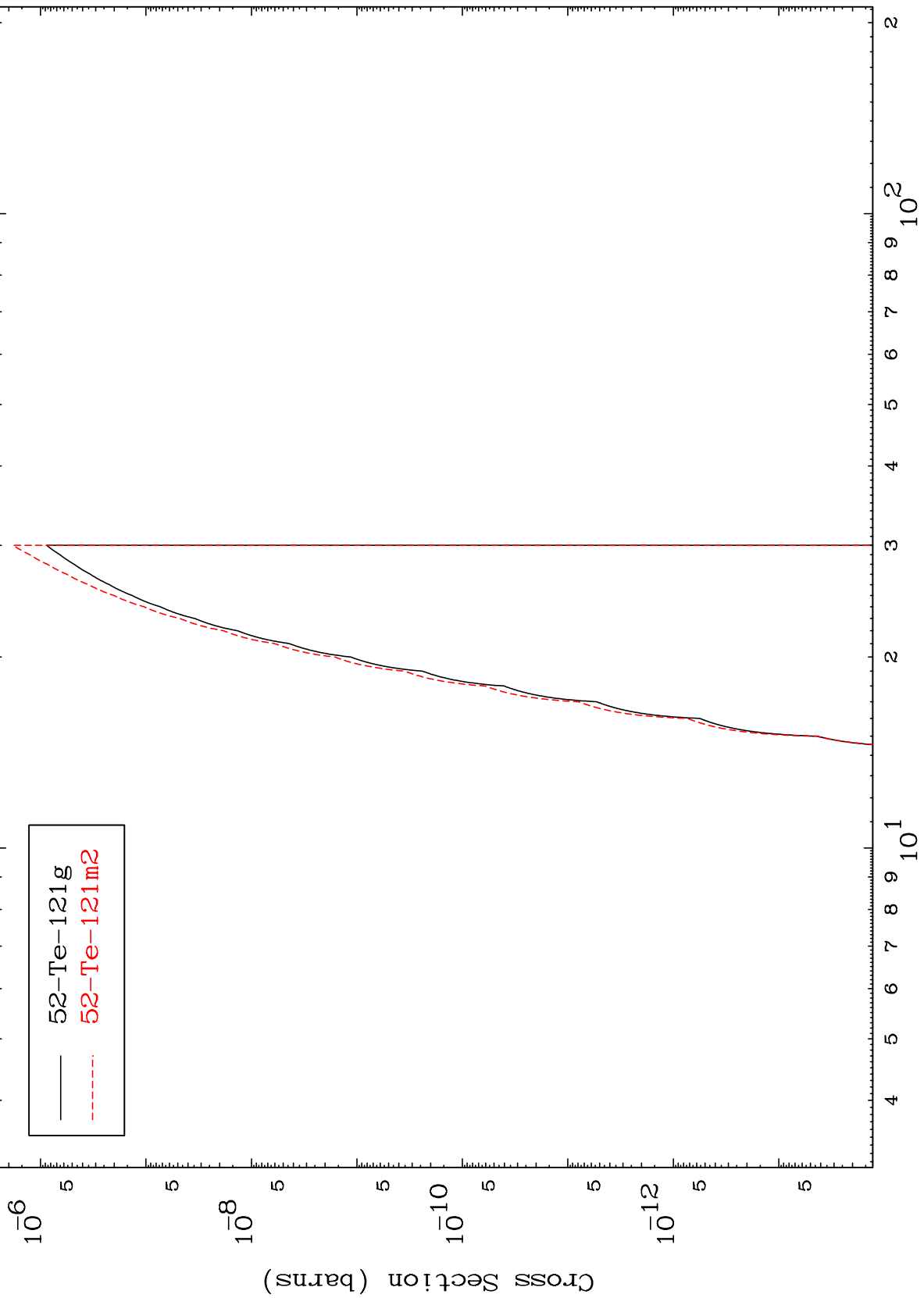
Incident Energy (MeV)

MAT 5504

(n,d) α

55-Cs-126

Radionuclide Production Cross Section



128

Incident Energy (MeV)

55-Cs-126