

Program EVALPLOT
(Version 2021-1)

by

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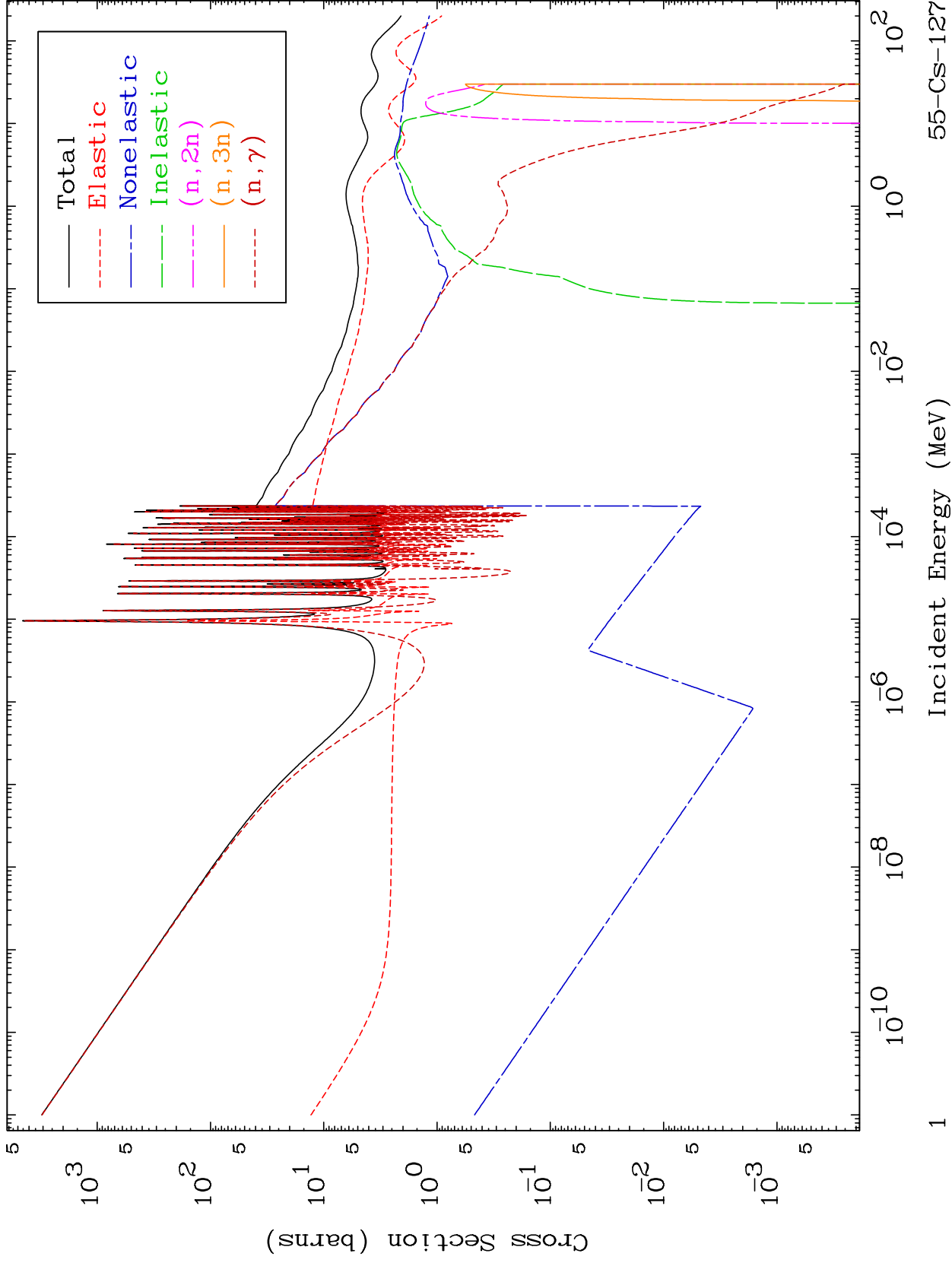
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5507

Neutron Major
293 Kelvin Cross Sections

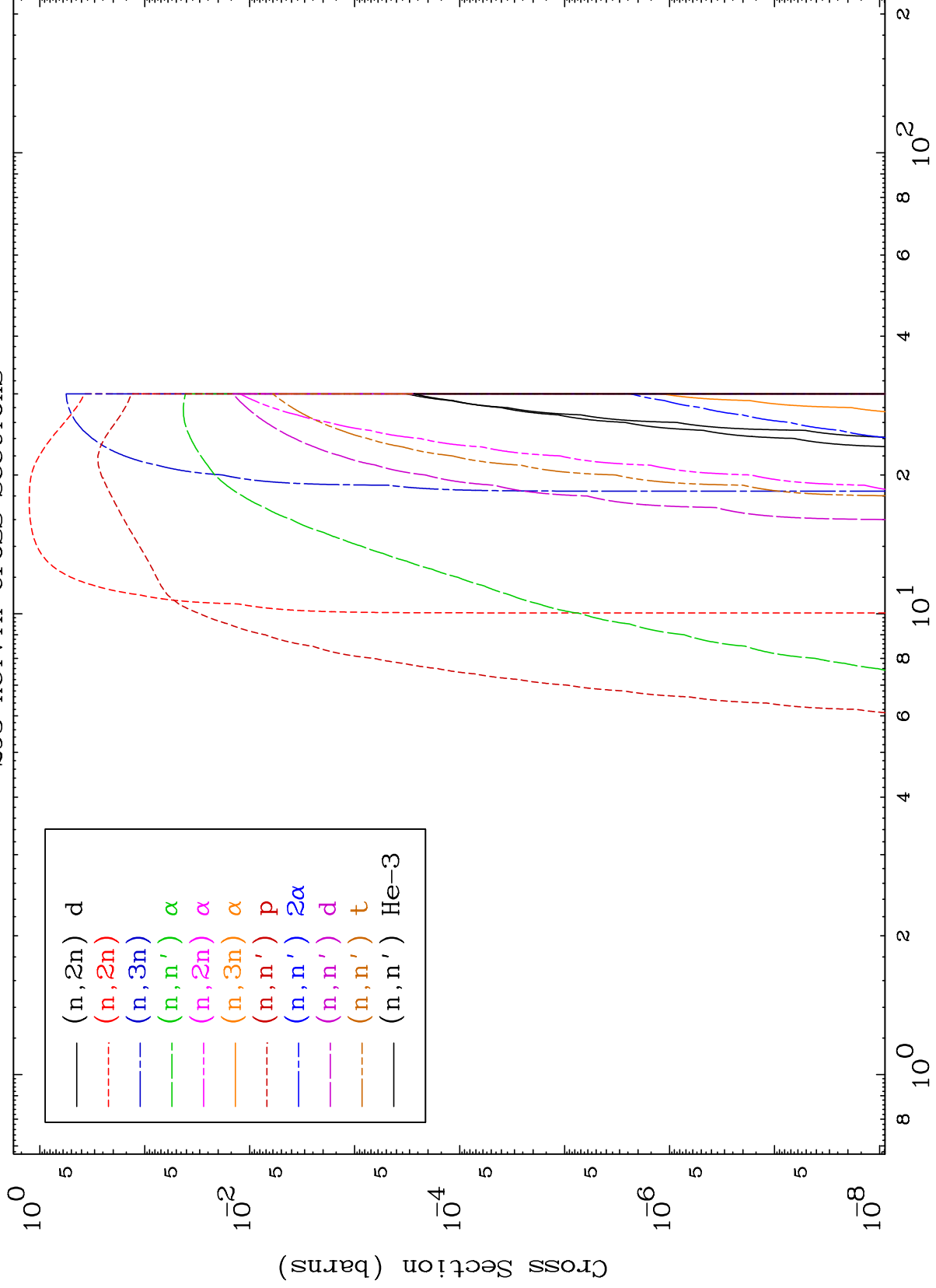
55-Cs-127



MAT 5507

Neutron Absorption
293 Kelvin Cross Sections

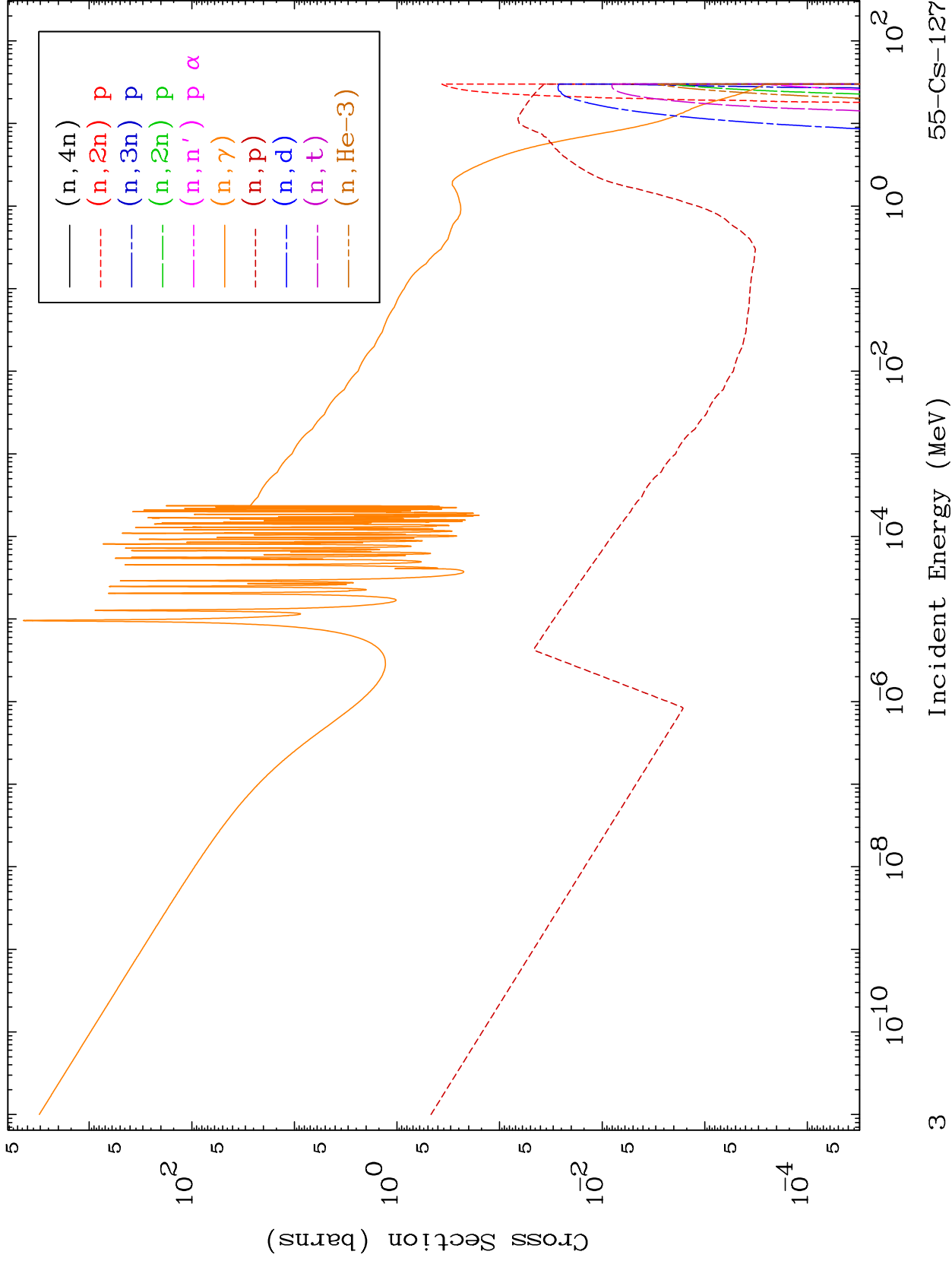
55-Cs-127

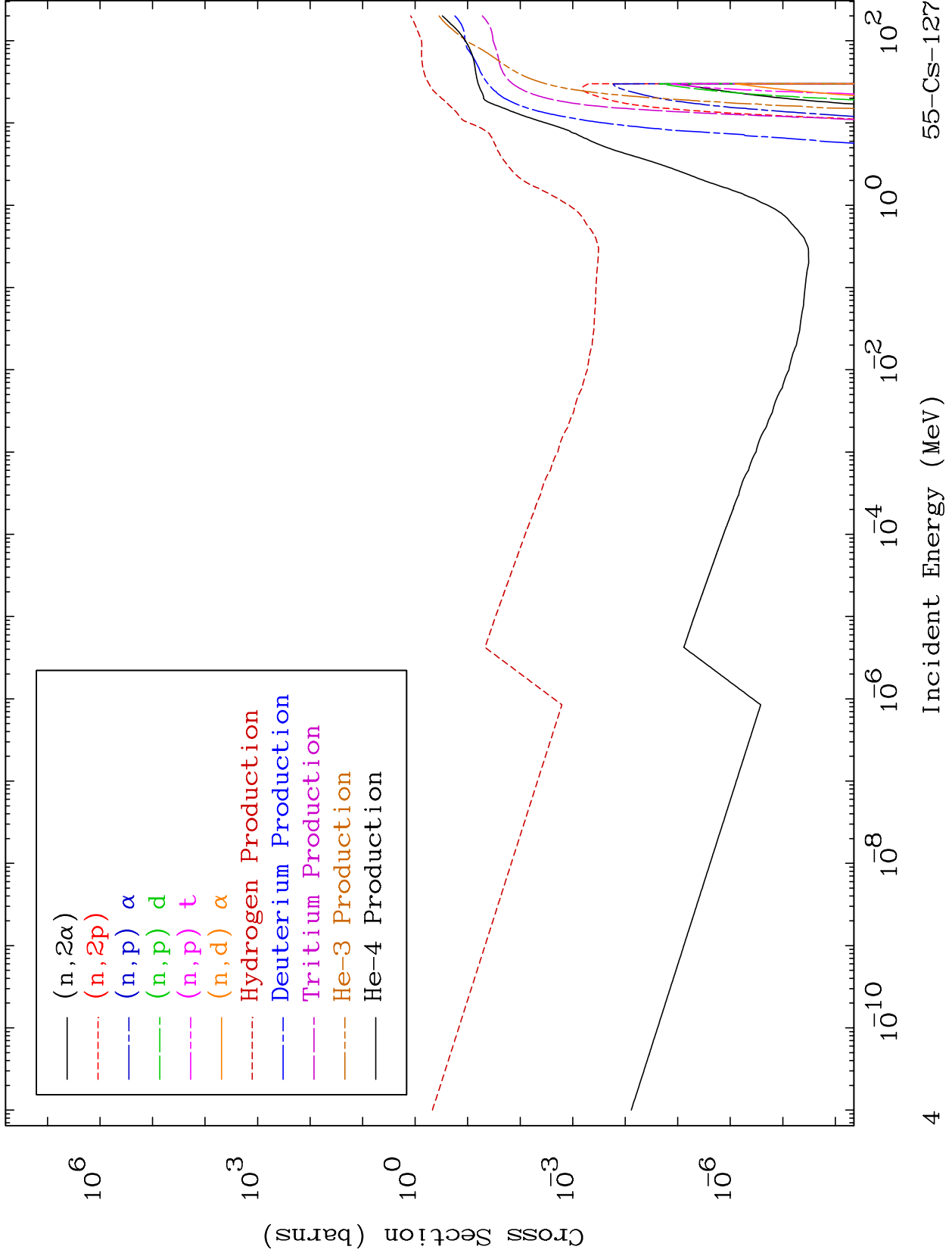


2

Incident Energy (MeV)

55-Cs-127

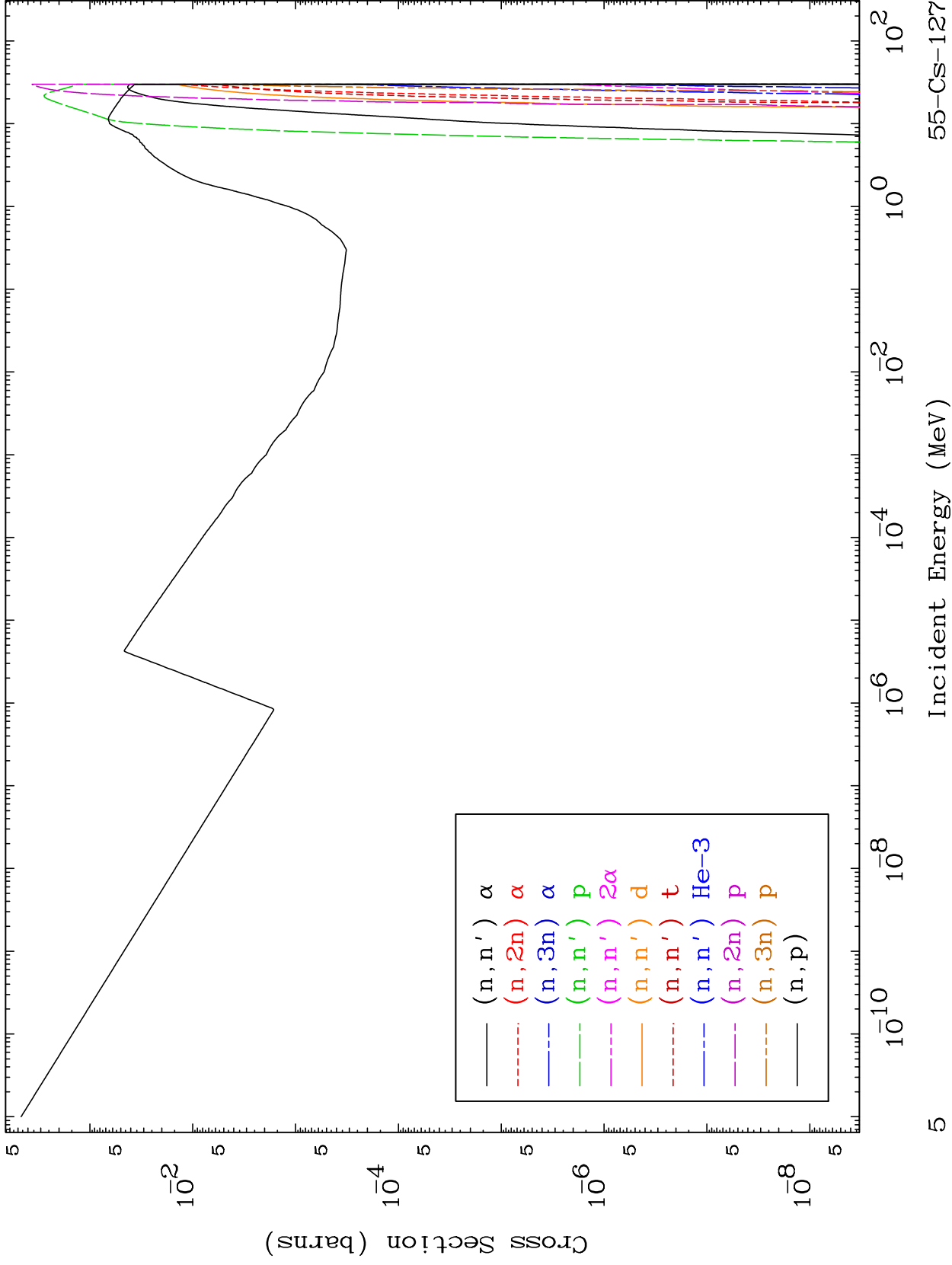




MAT 5507

Charged Particle
293 Kelvin Cross Sections

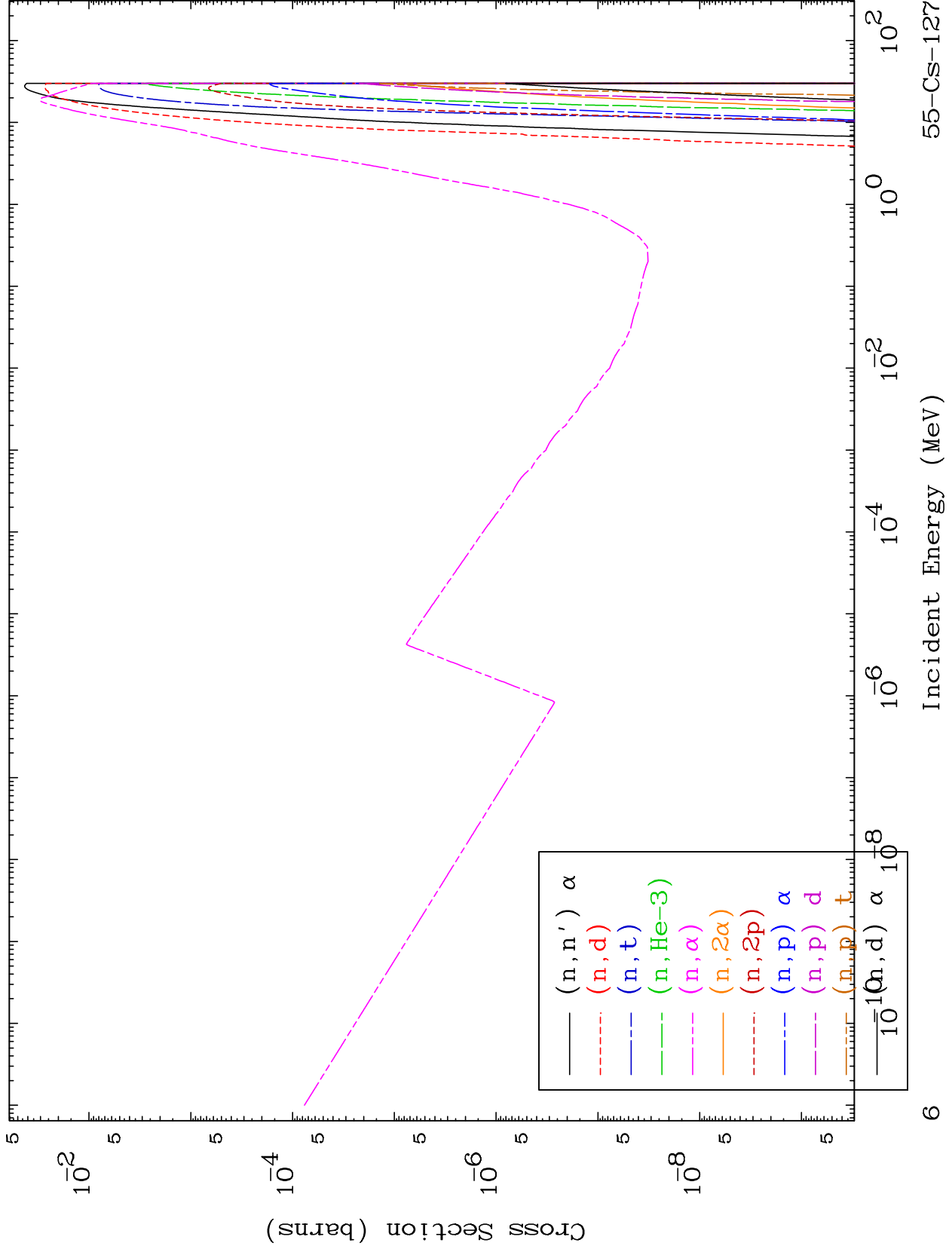
55-Cs-127



MAT 5507

Charged Particle
293 Kelvin Cross Sections

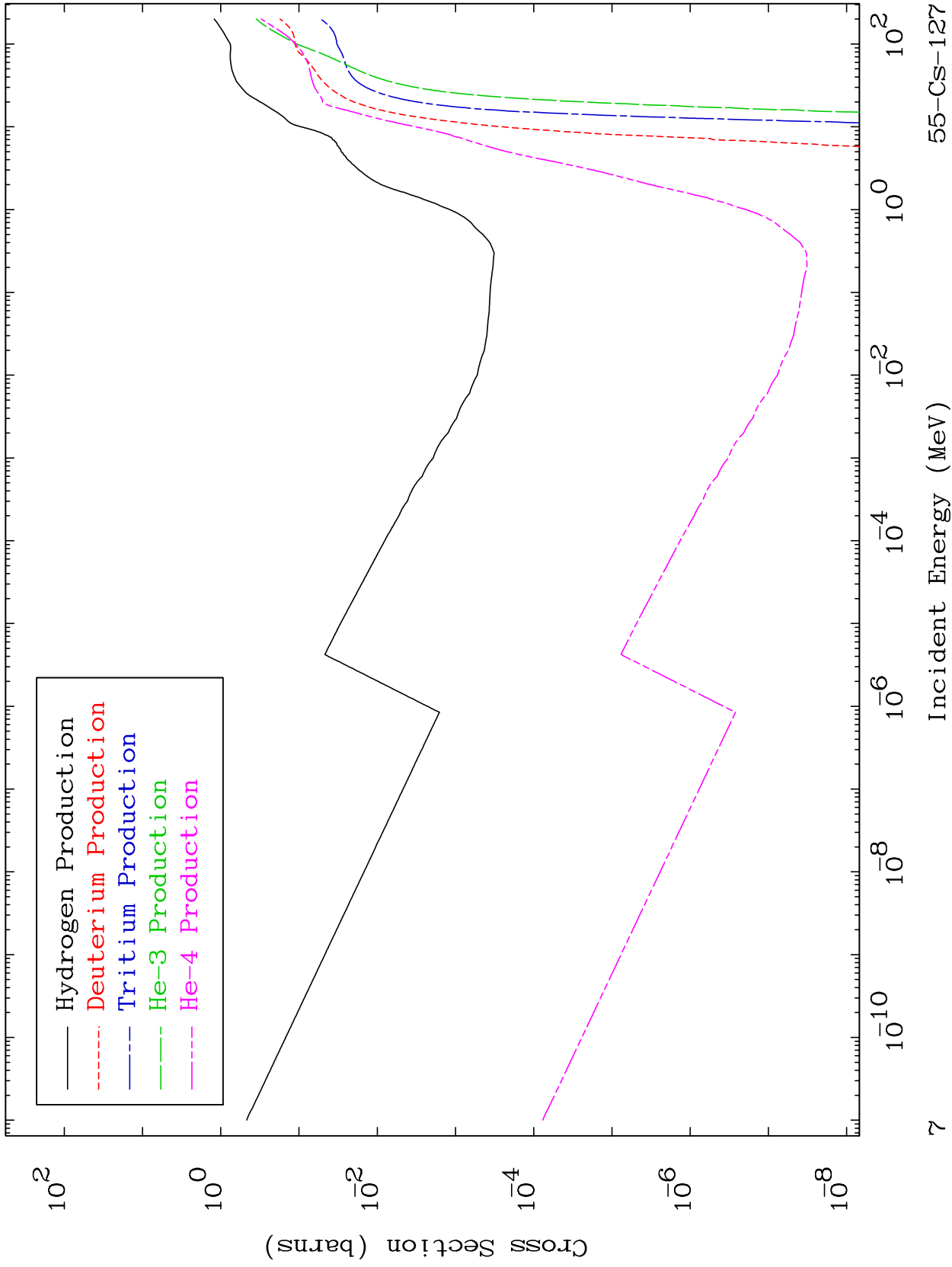
55-Cs-127



MAT 5507

Particle Production
293 Kelvin Cross Sections

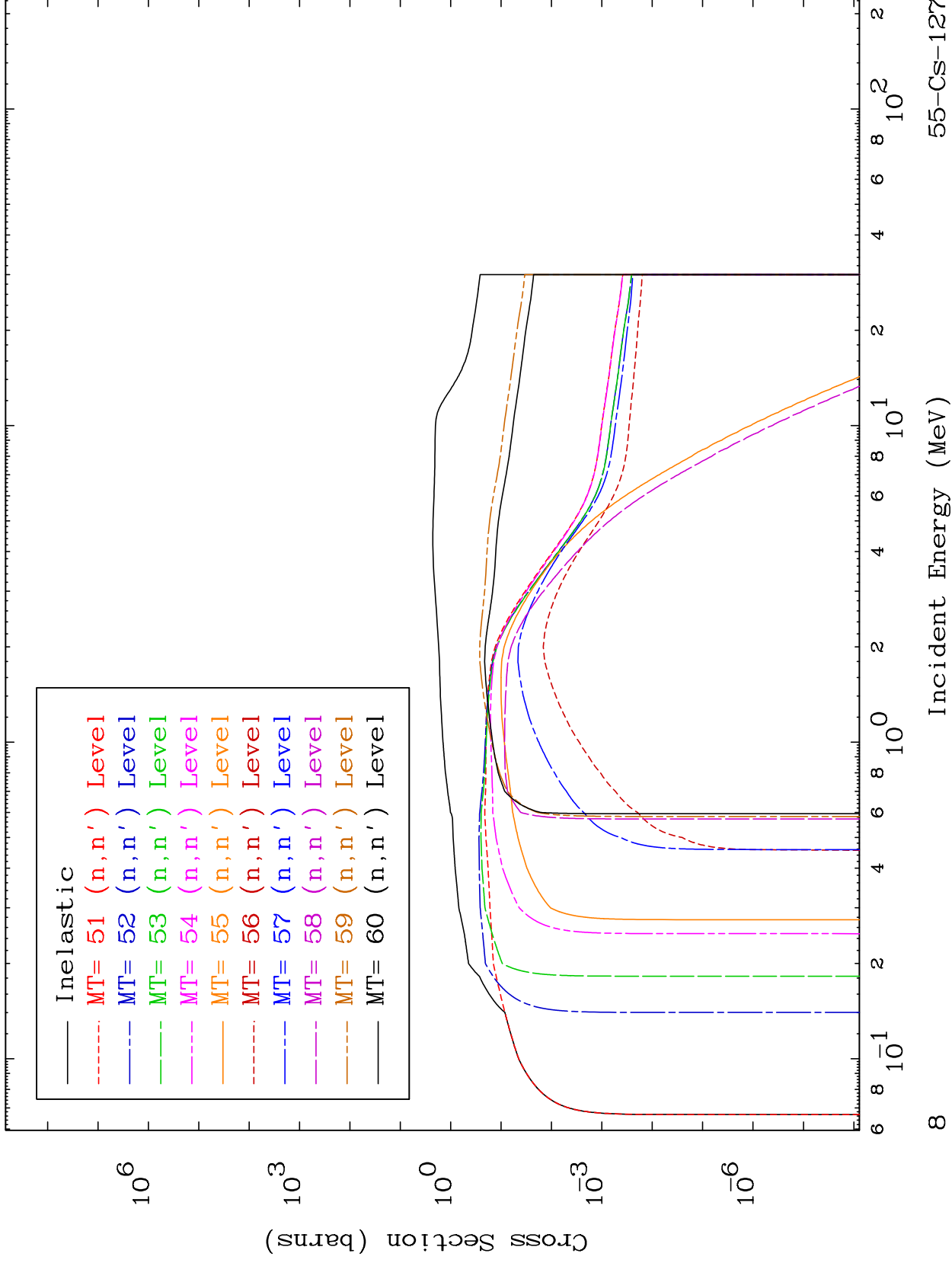
55-Cs-127



MAT 5507

(n,n') Levels
293 Kelvin Cross Sections

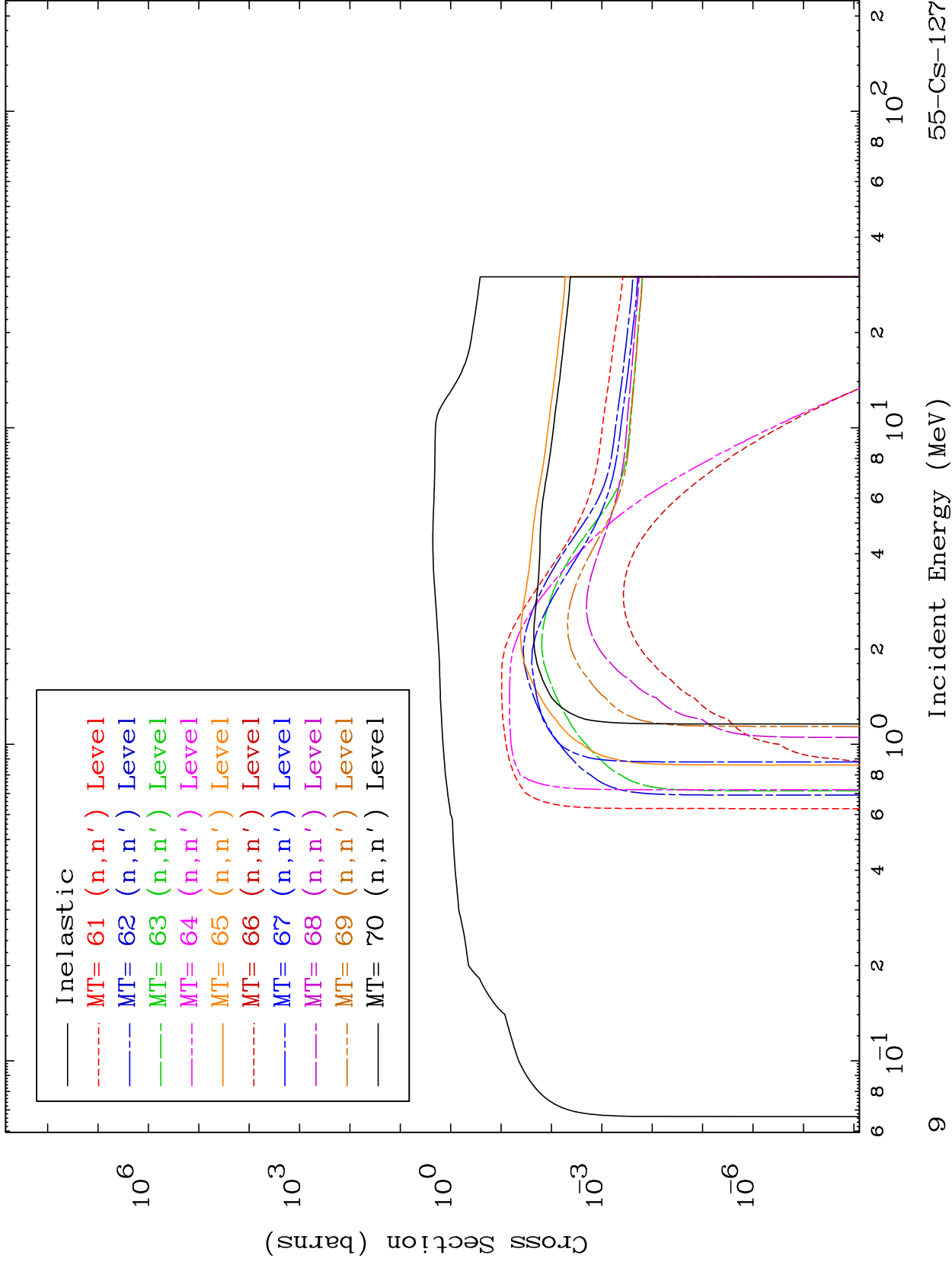
55-Cs-127



MAT 5507

(n,n') Levels
293 Kelvin Cross Sections

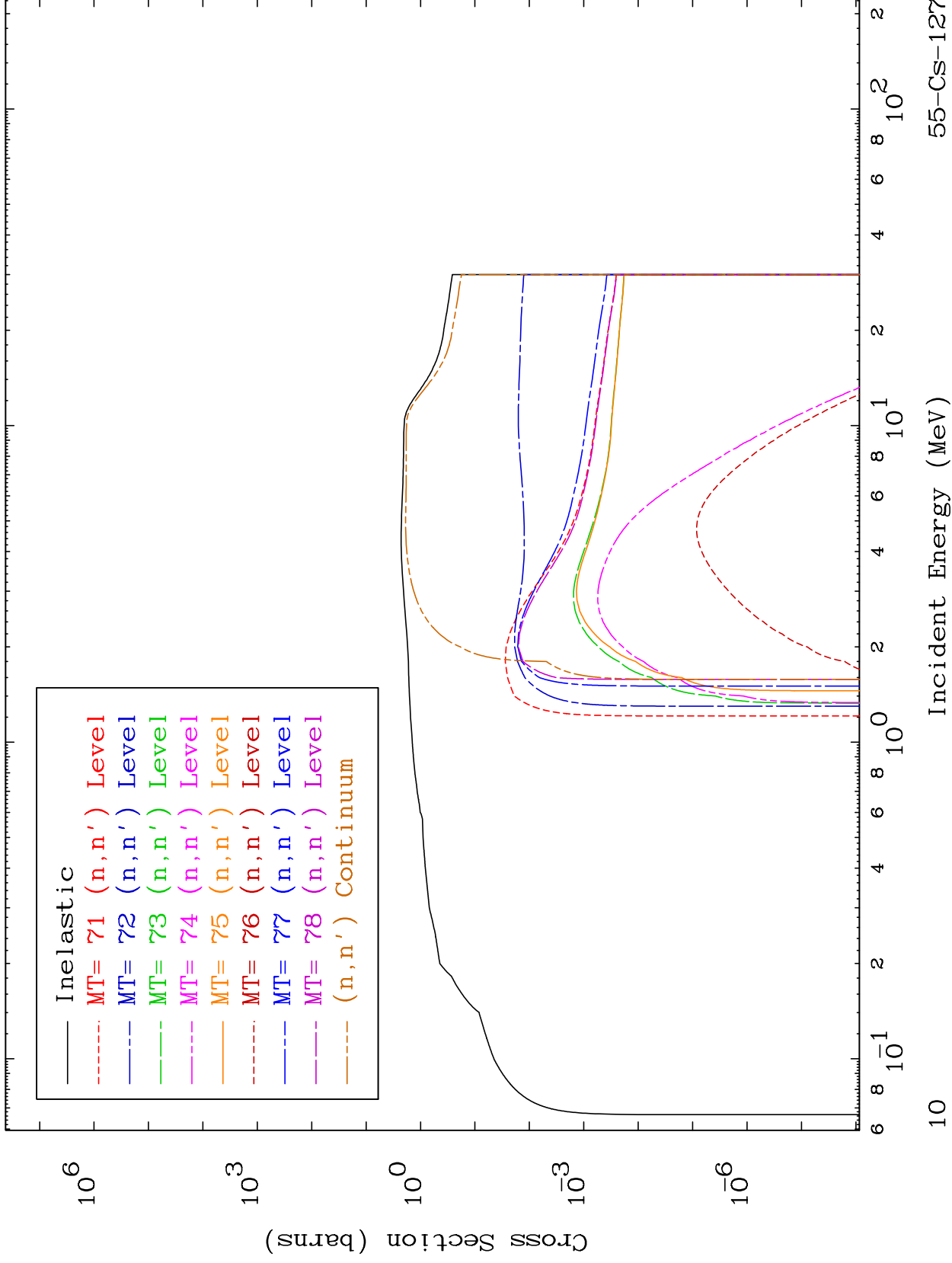
55-Cs-127



MAT 5507

(n,n') Levels
293 Kelvin Cross Sections

55-Cs-127



10

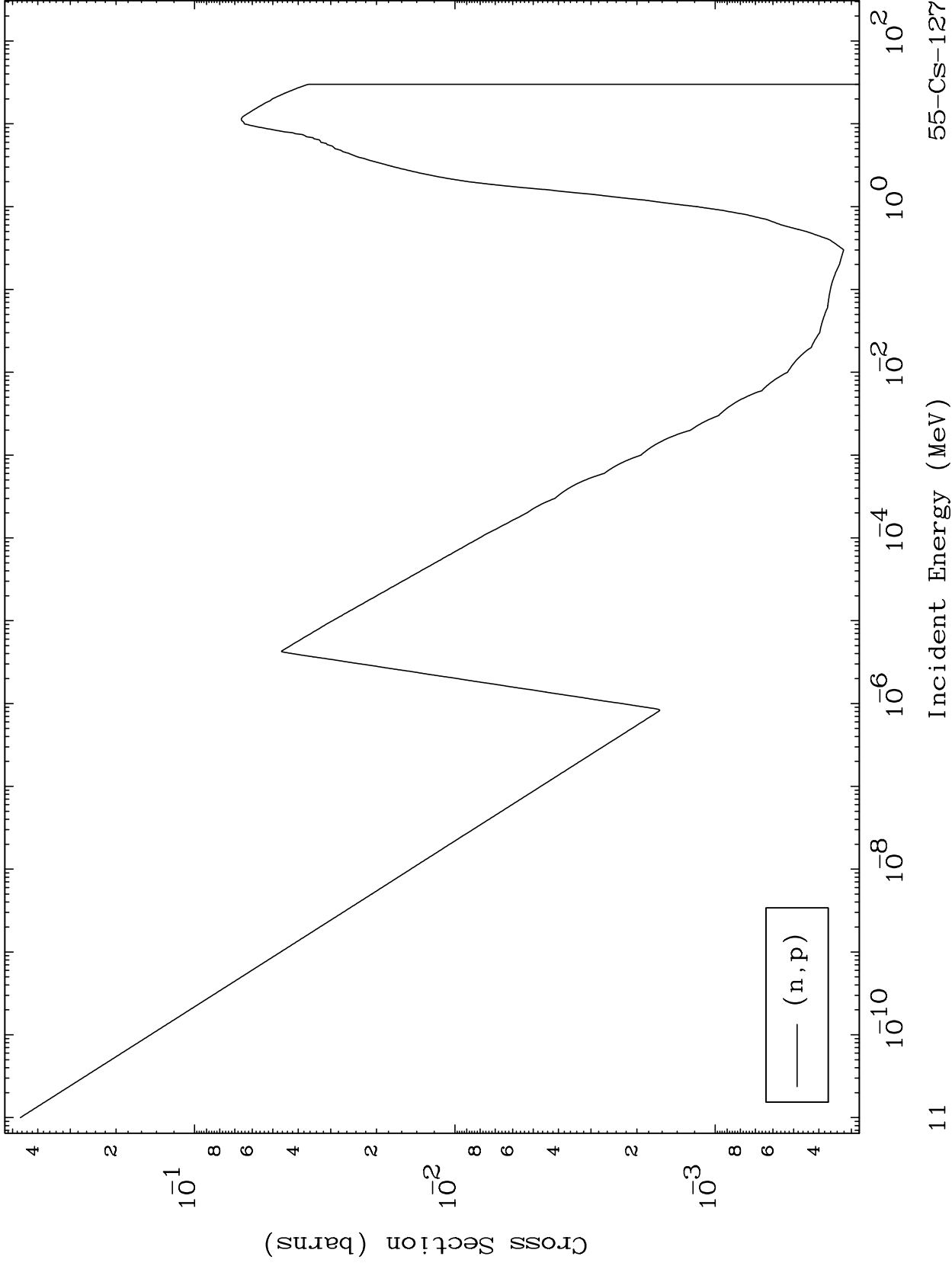
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n,p) Levels
293 Kelvin Cross Sections

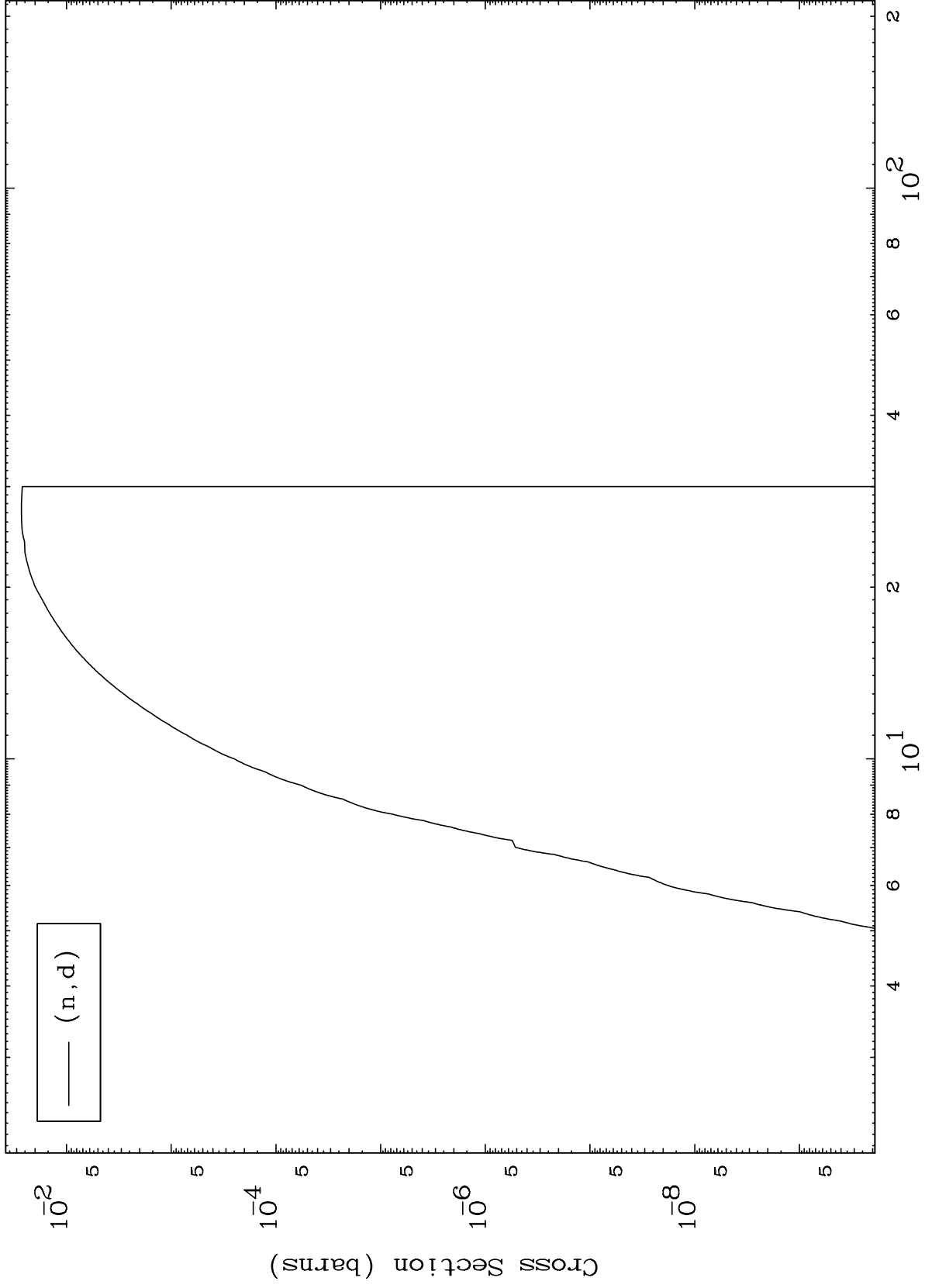
55-Cs-127



MAT 5507

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-127



12

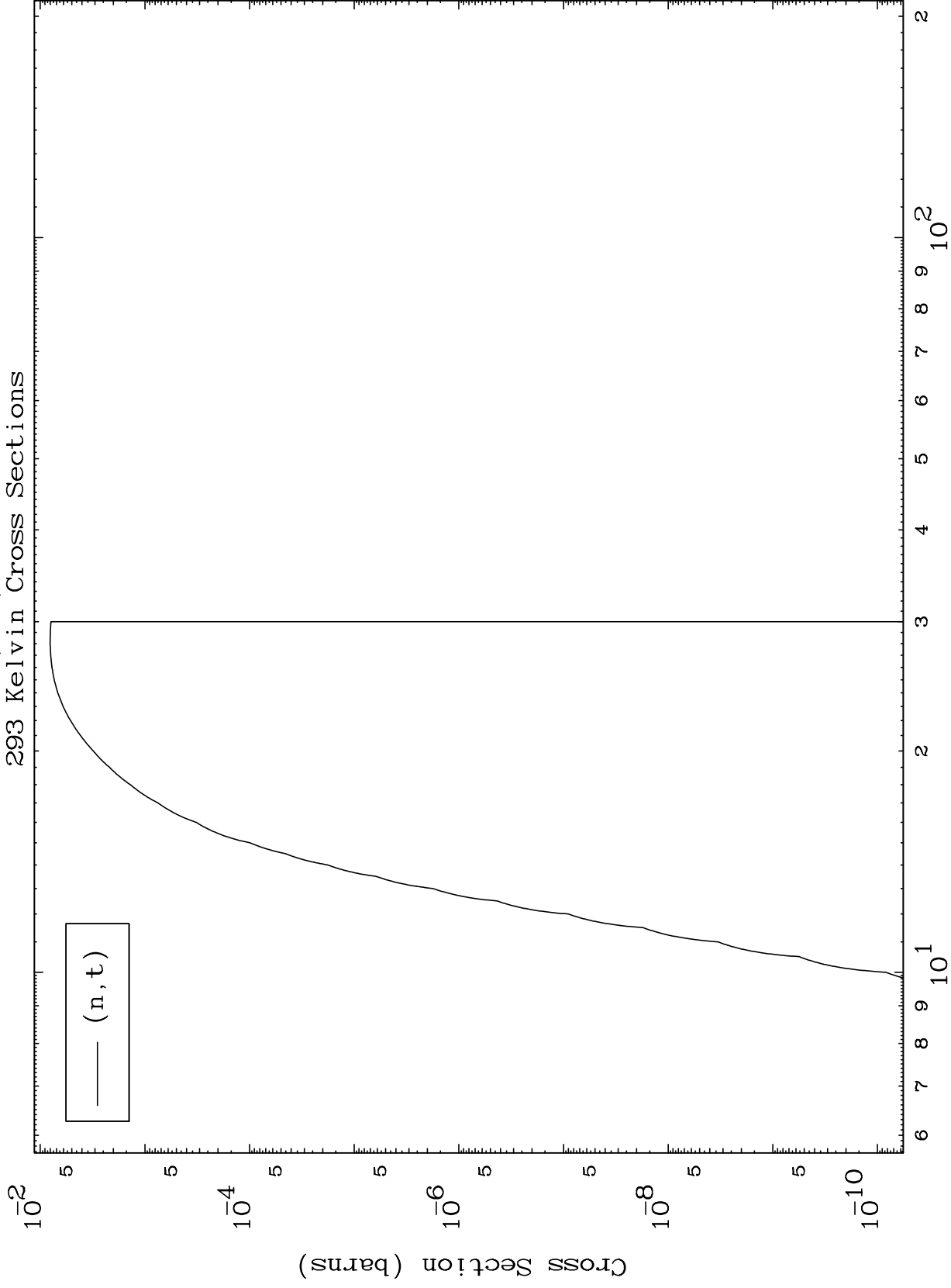
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n, t) Levels
293 Kelvin Cross Sections

55-Cs-127



13

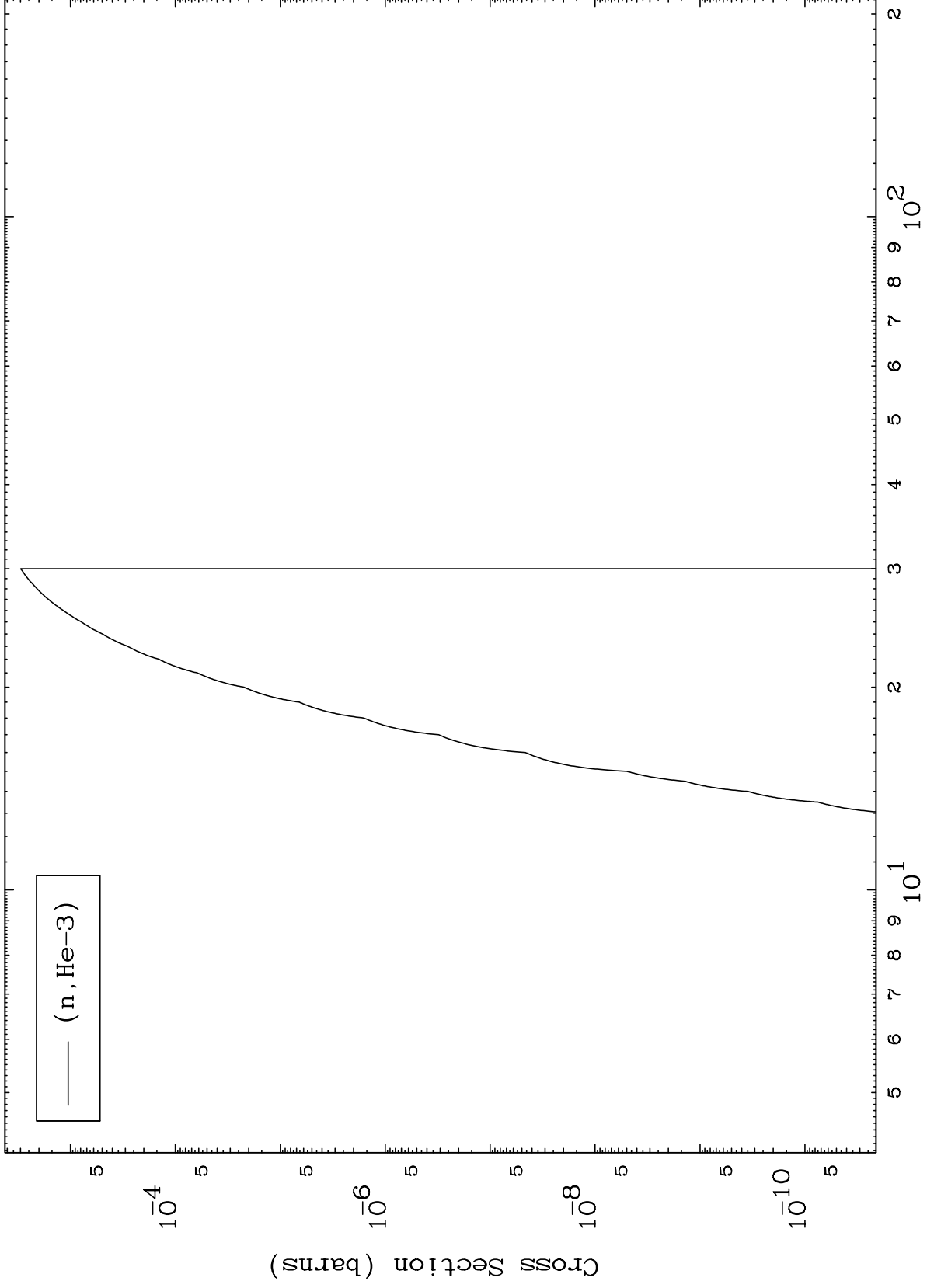
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-127



14

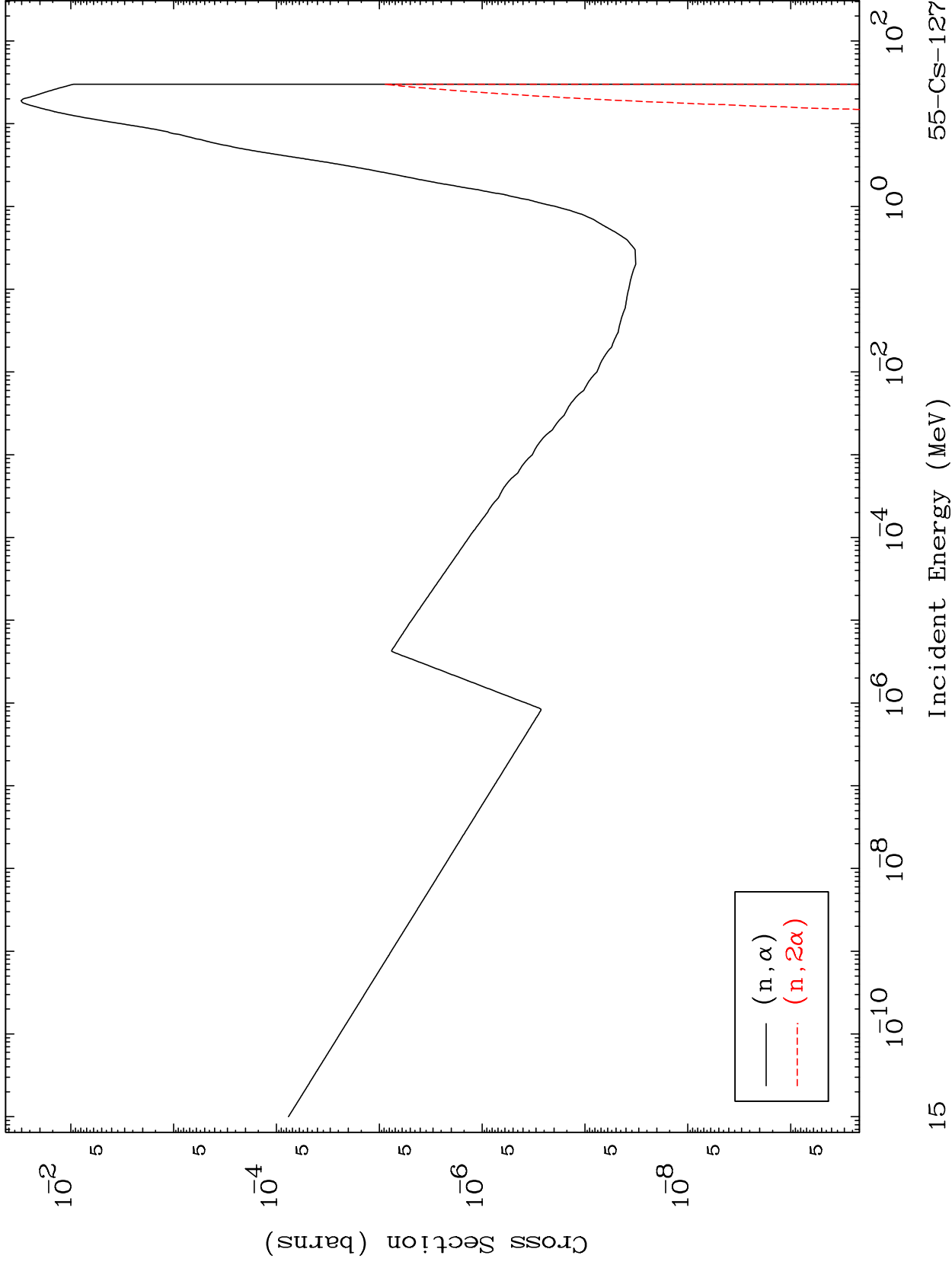
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-127



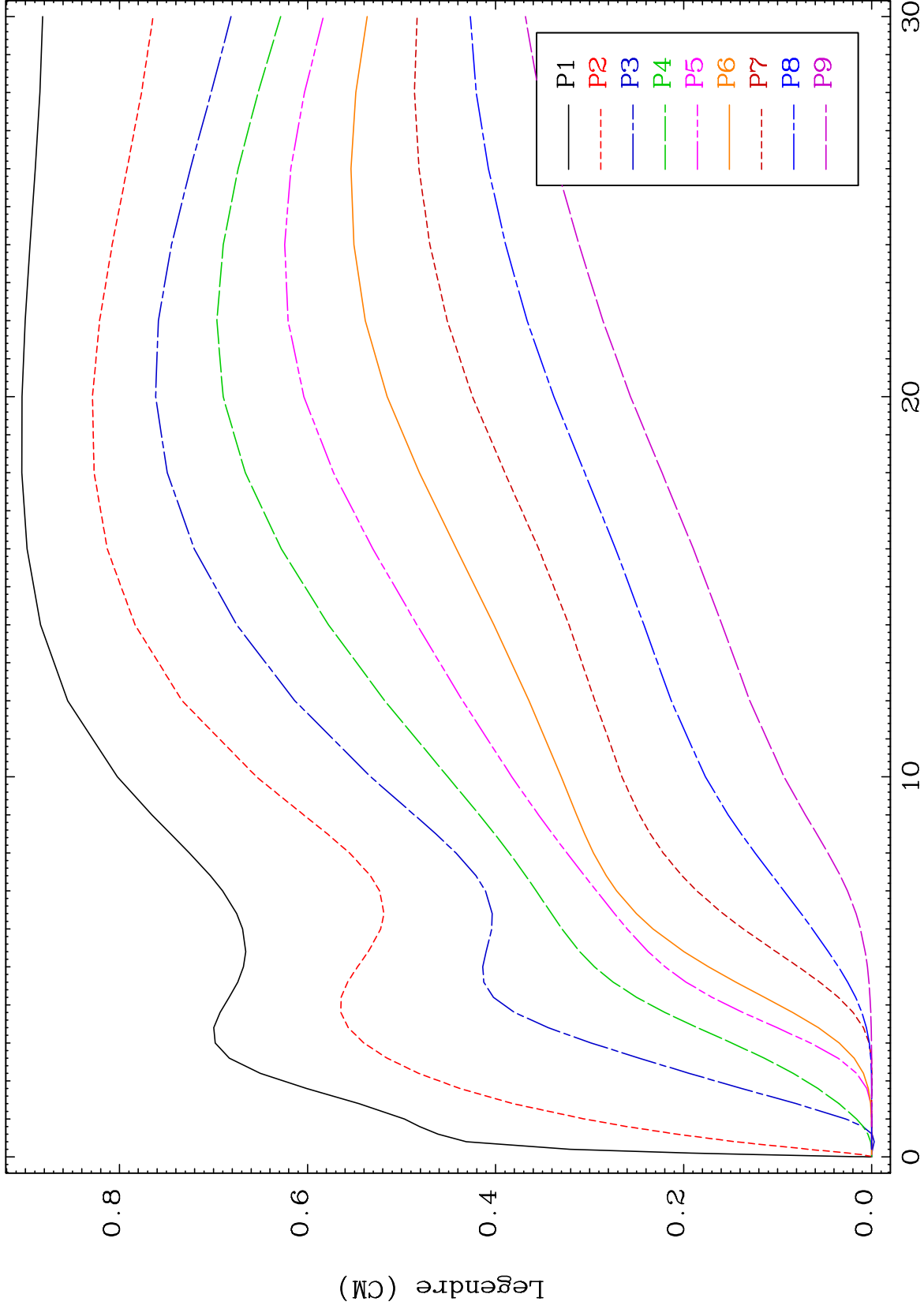
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55-Cs-127

MAT 5507

Elastic Legendre Coefficients

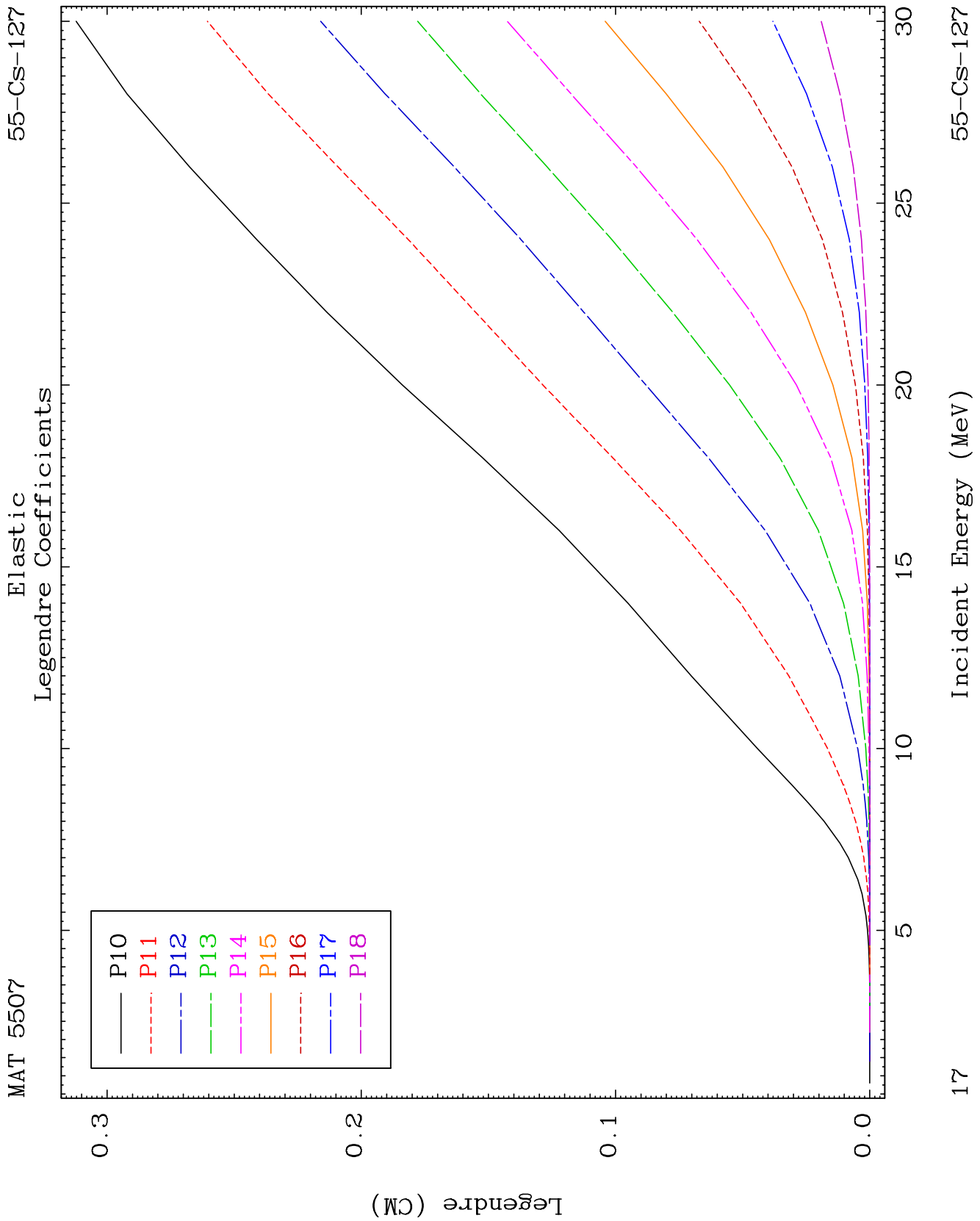
55-Cs-127



16

Incident Energy (MeV)

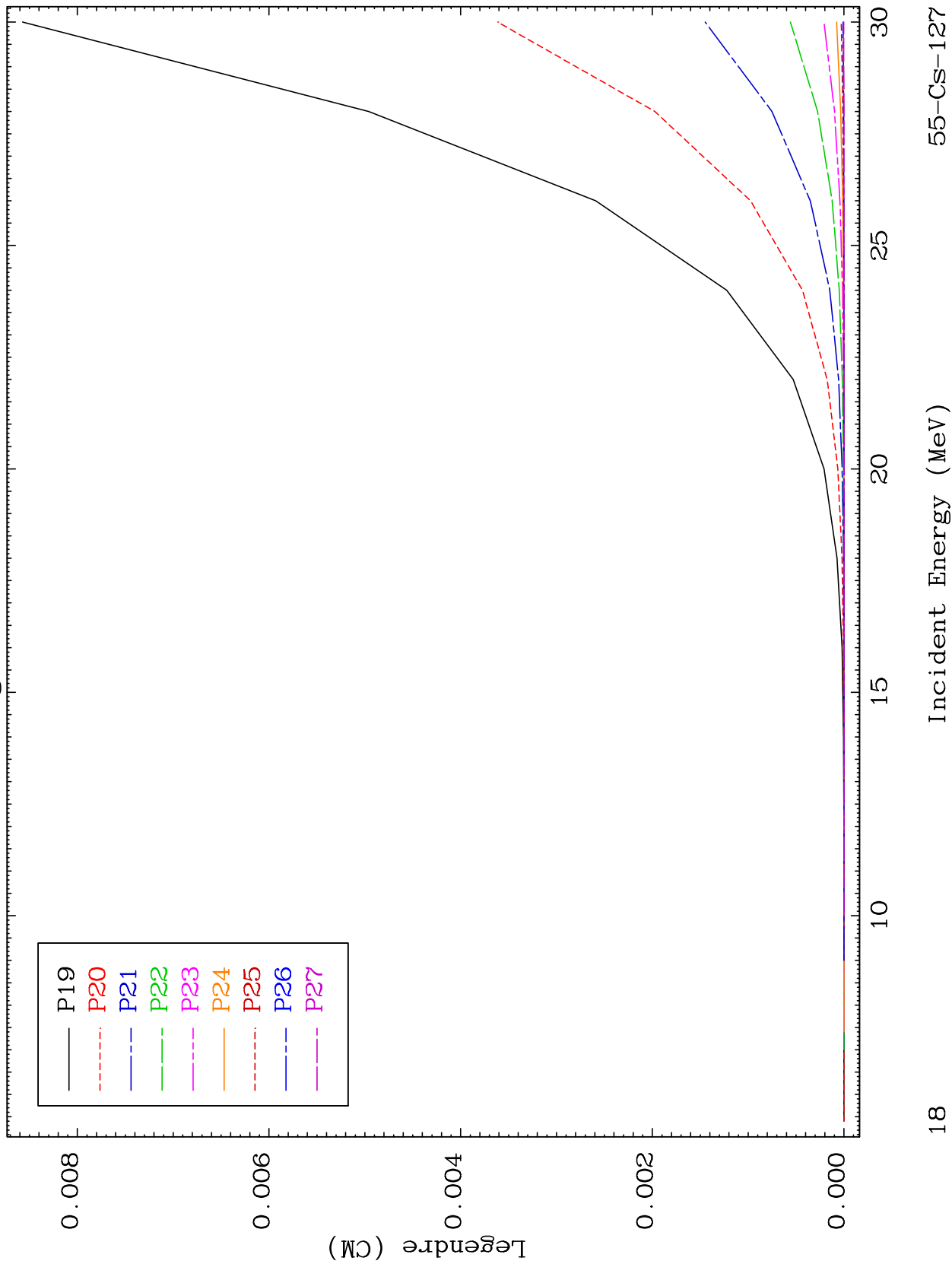
55-Cs-127



MAT 5507

Elastic Legendre Coefficients

55-Cs-127



18

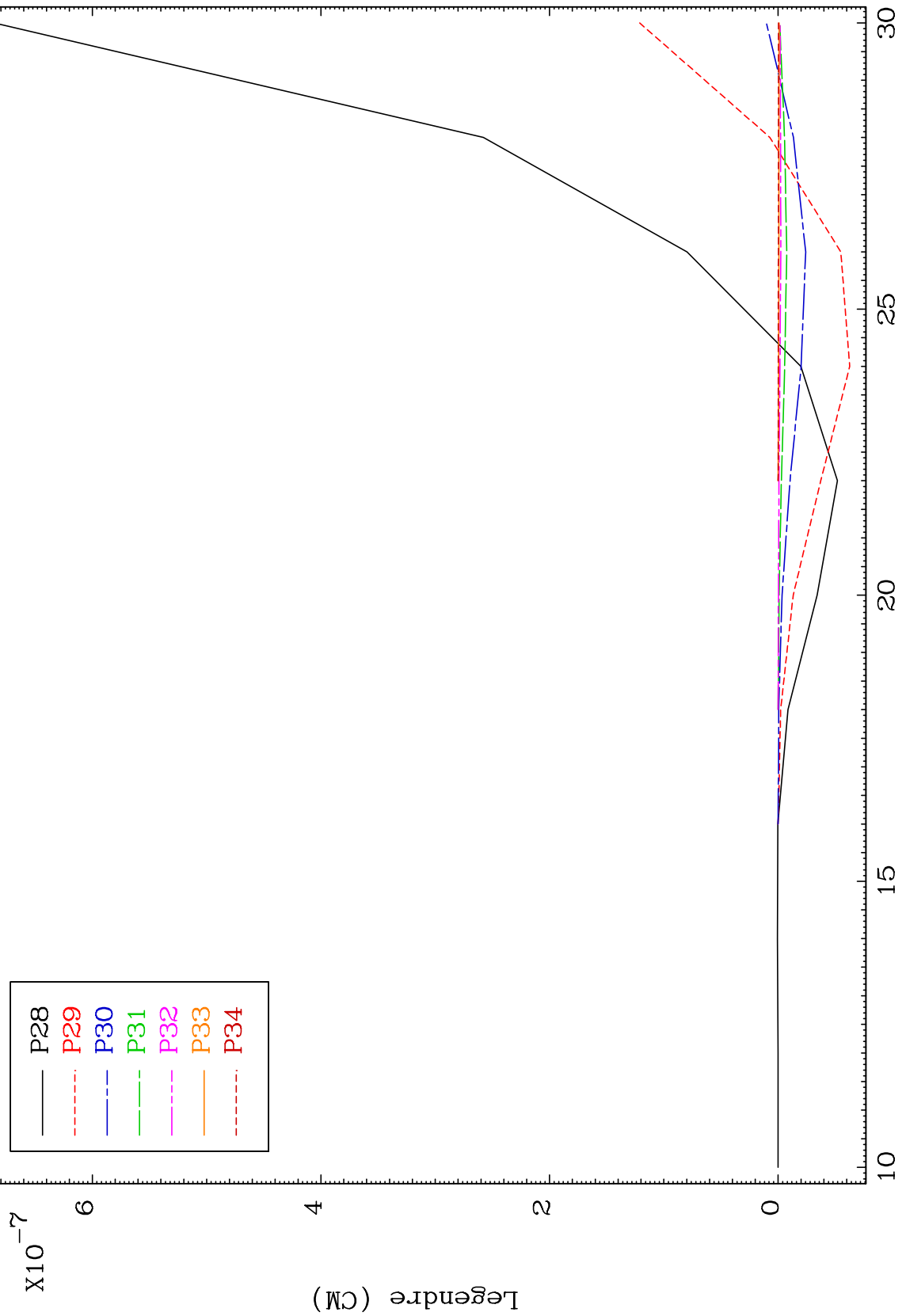
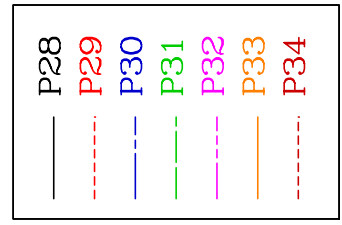
Incident Energy (MeV)

55-Cs-127

MAT 5507

Elastic Legendre Coefficients

55-Cs-127



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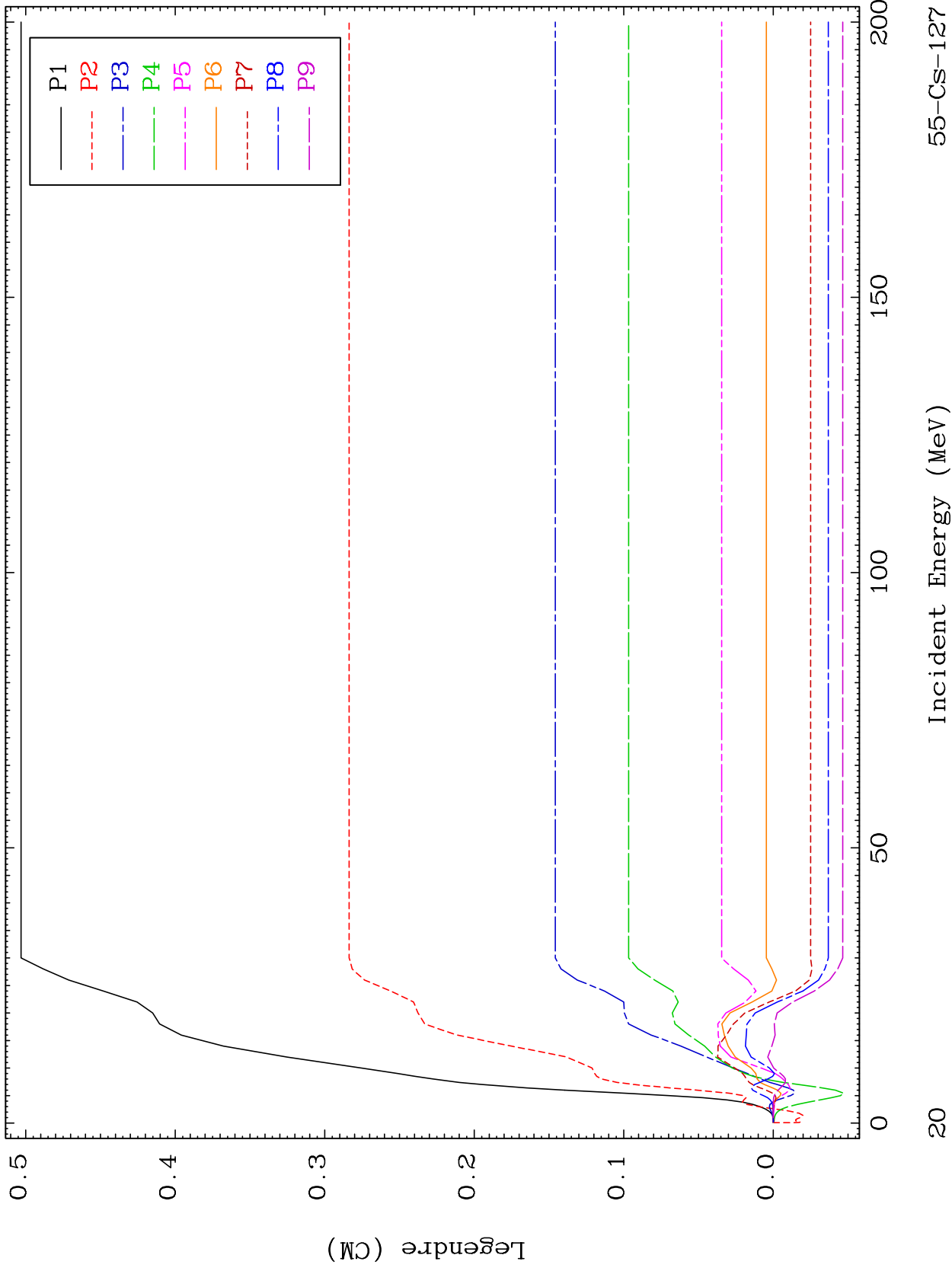
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

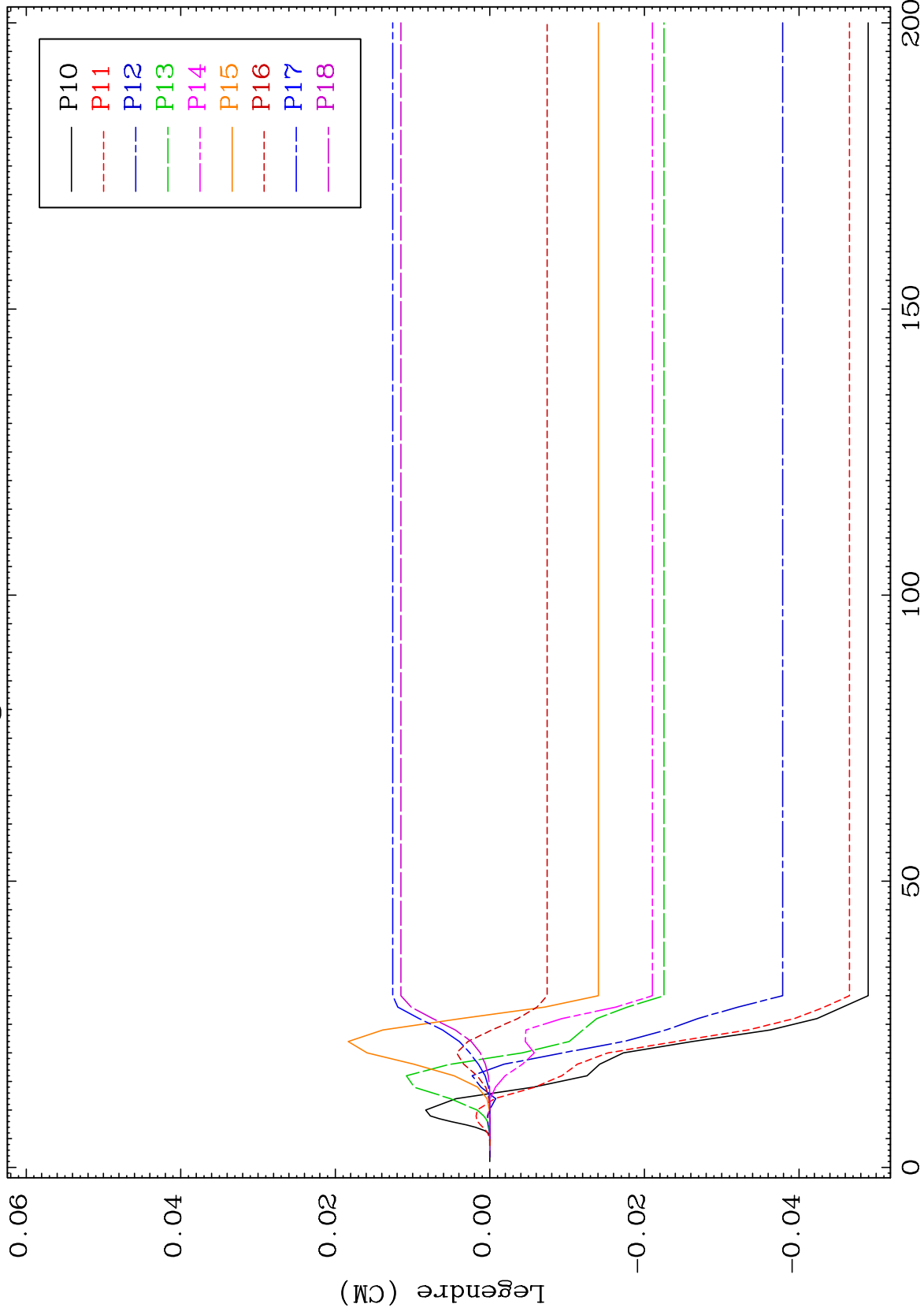
Incident Energy (MeV)

20

MAT 5507

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

55-Cs-127



21

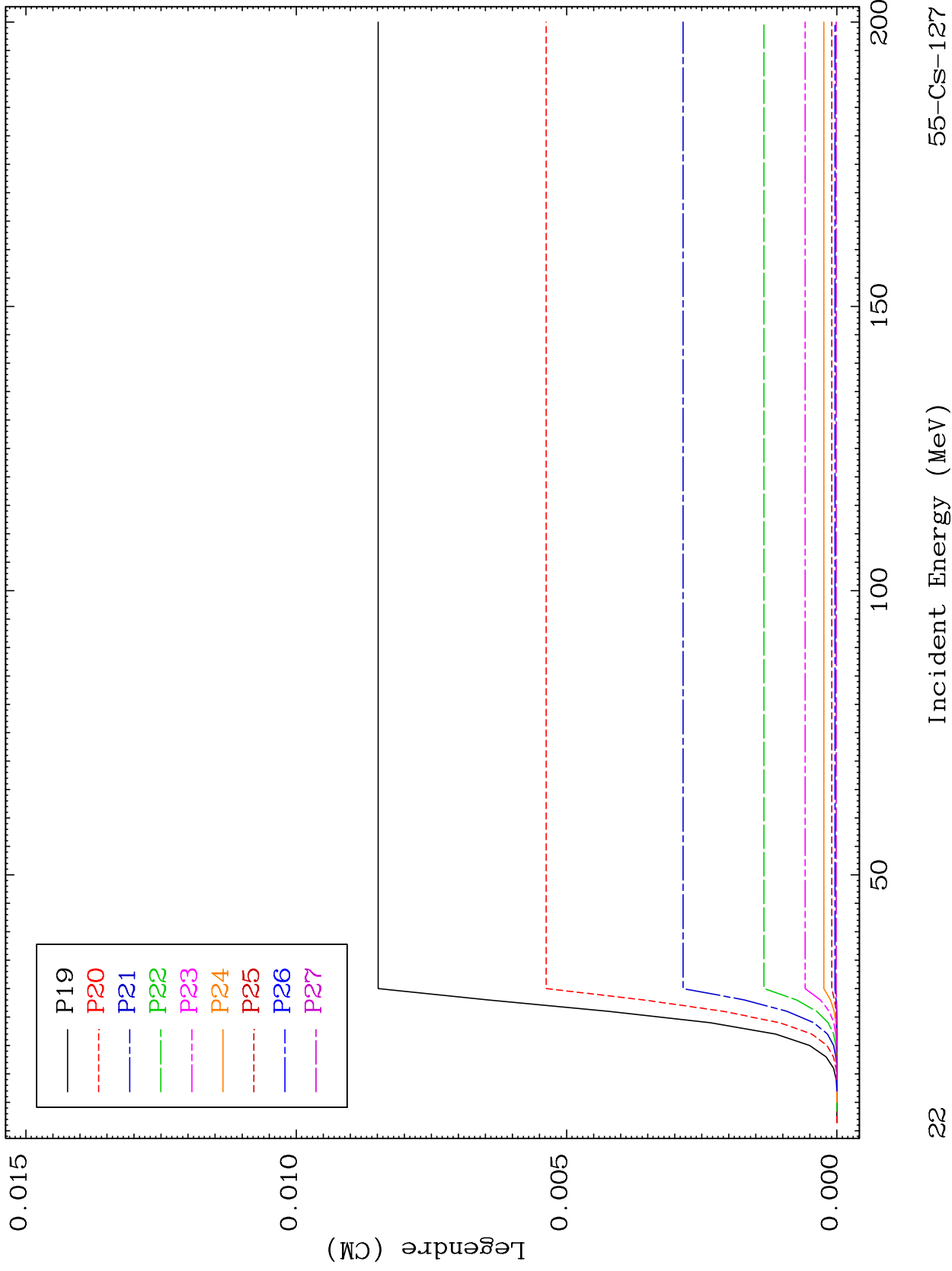
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



22

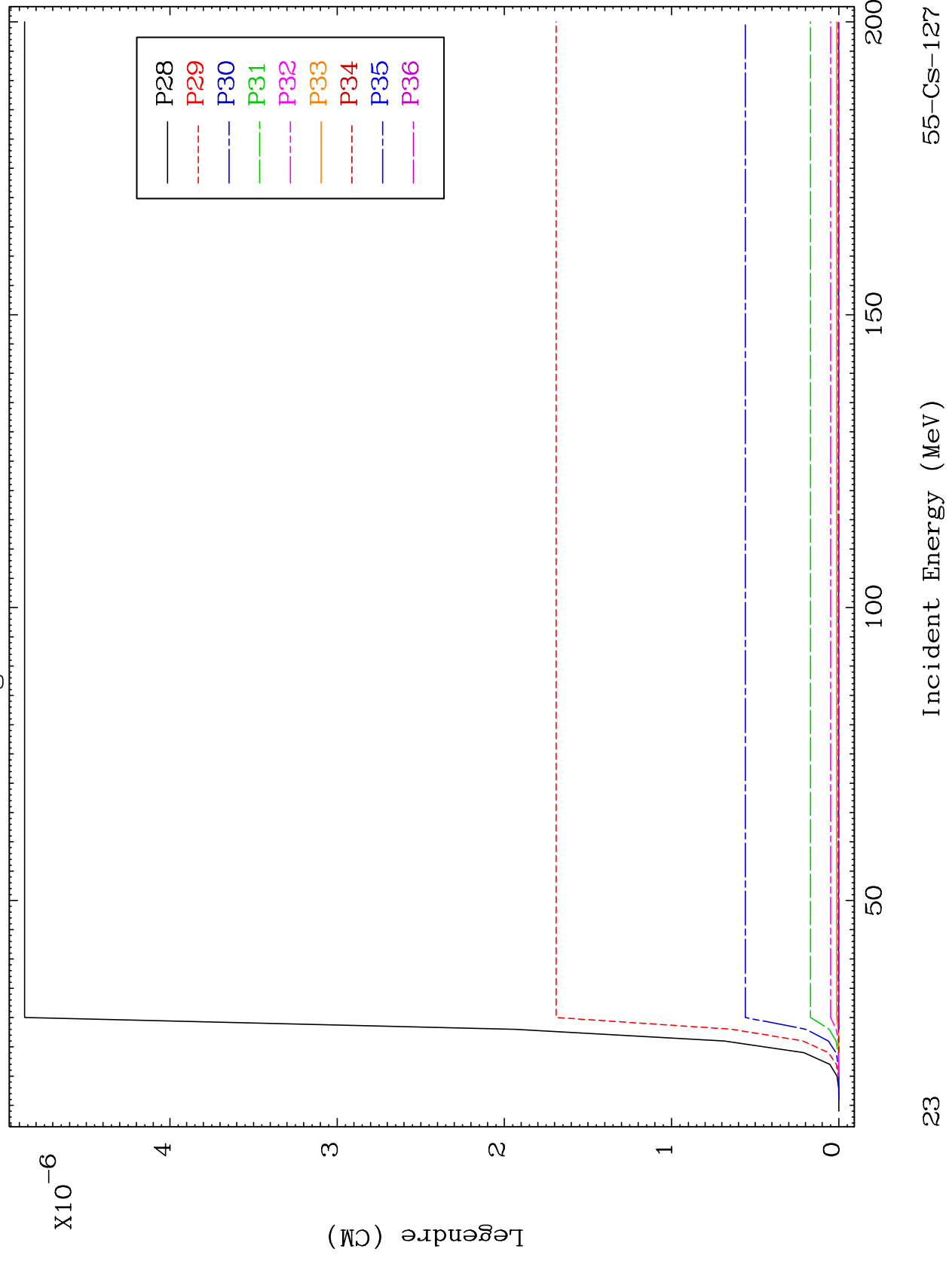
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

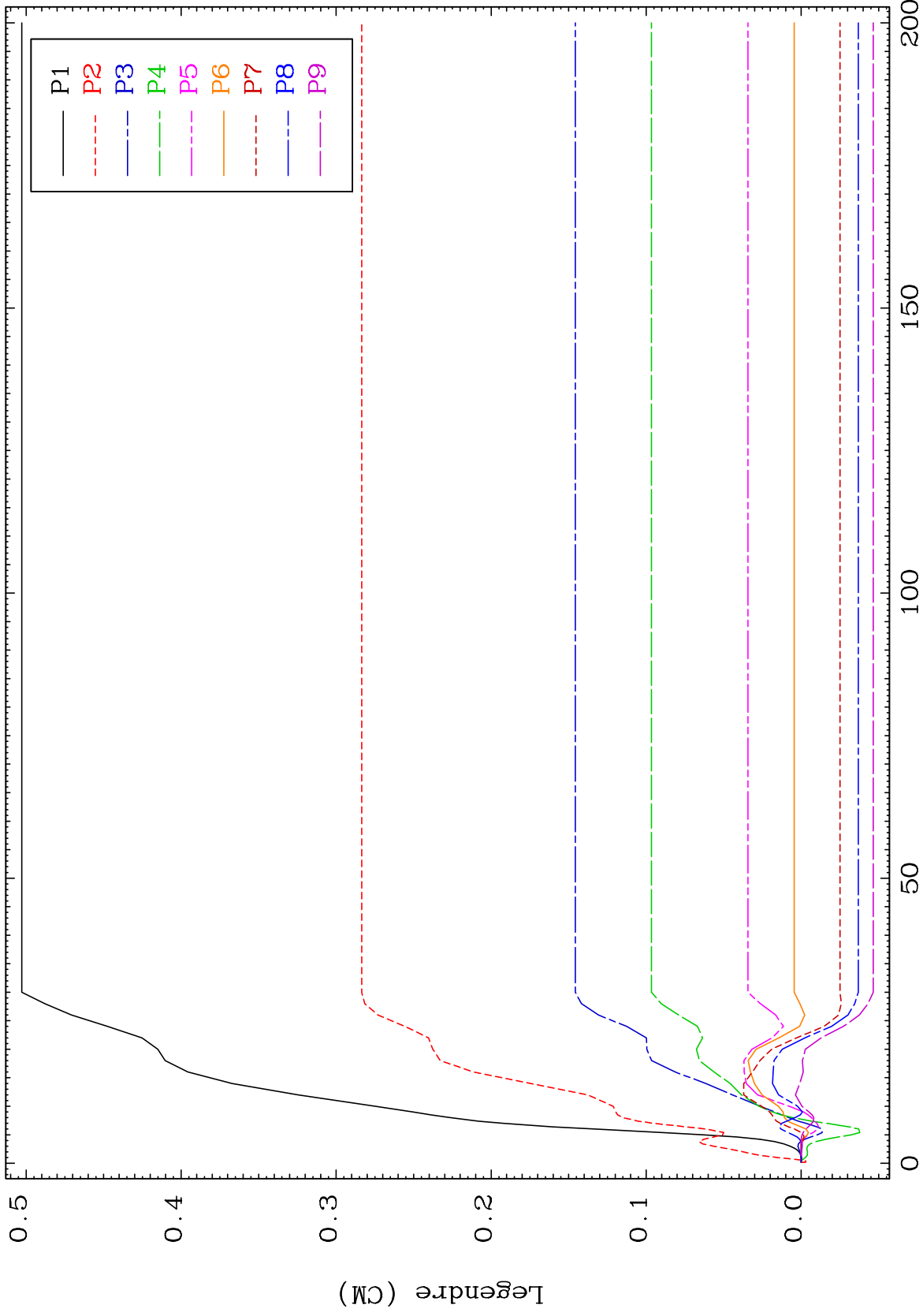
55-Cs-127



MAT 5507

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

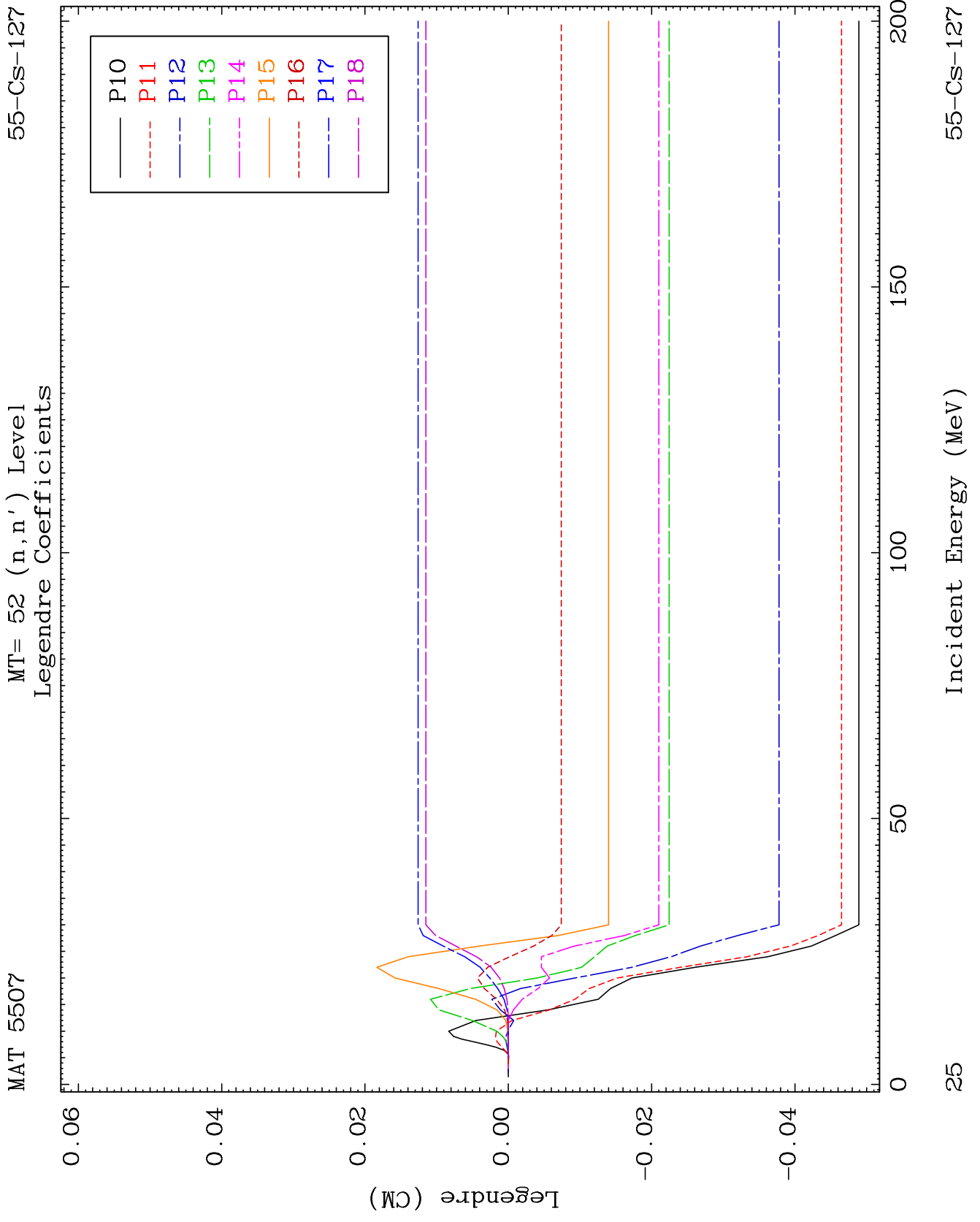
55-Cs-127



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Incident Energy (MeV)

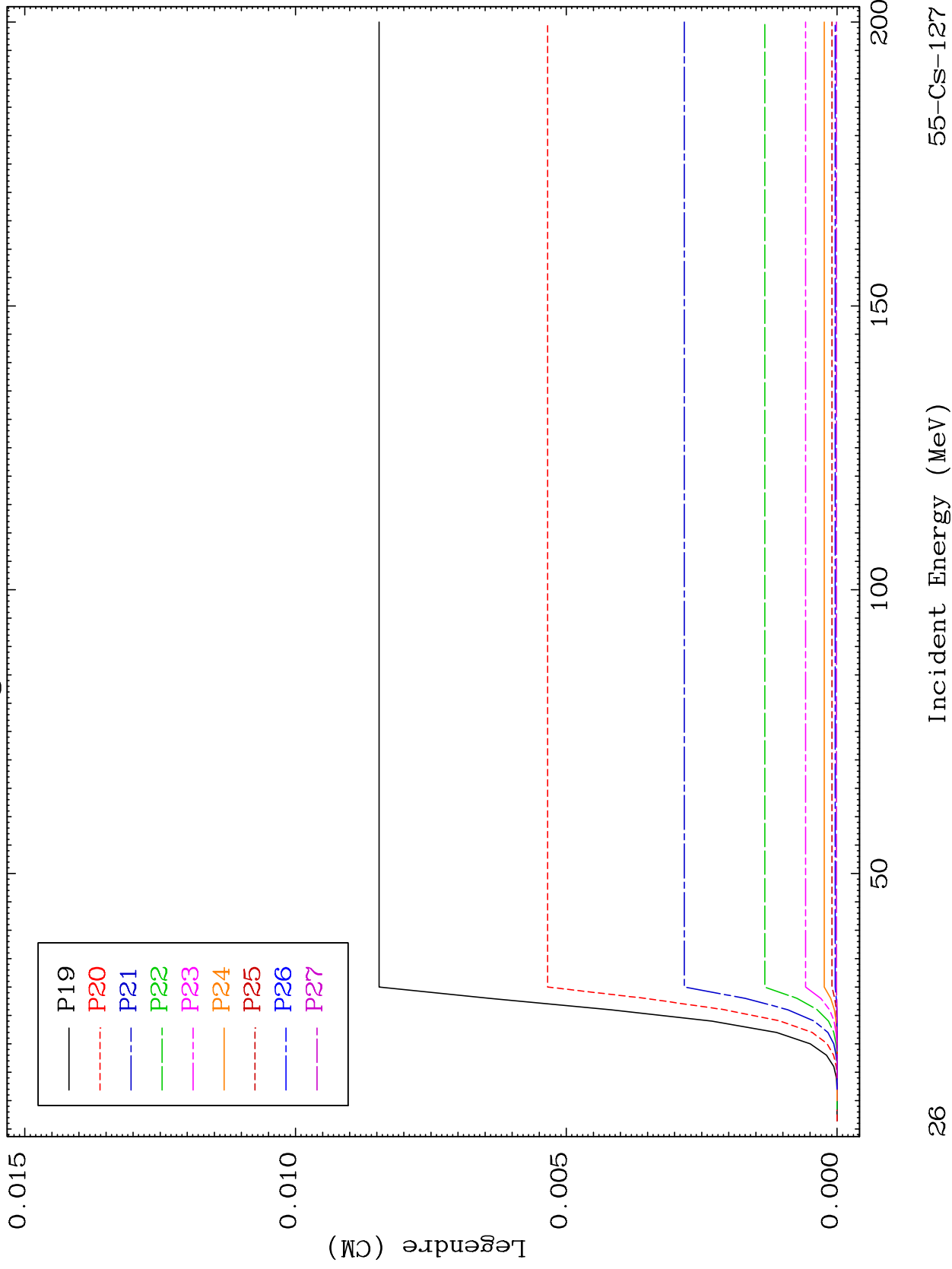
55-Cs-127



MAT 5507

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

55-Cs-127



26

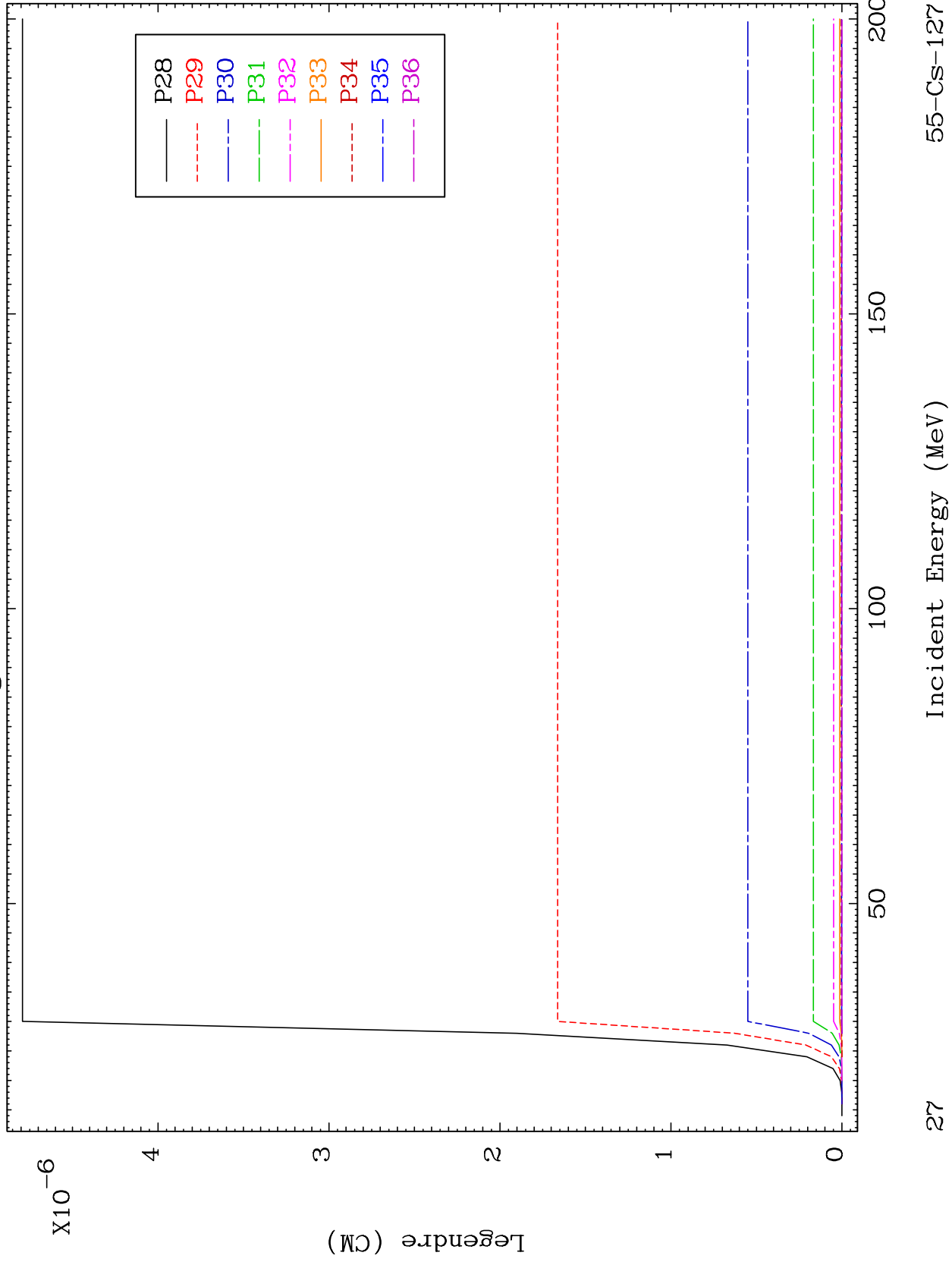
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

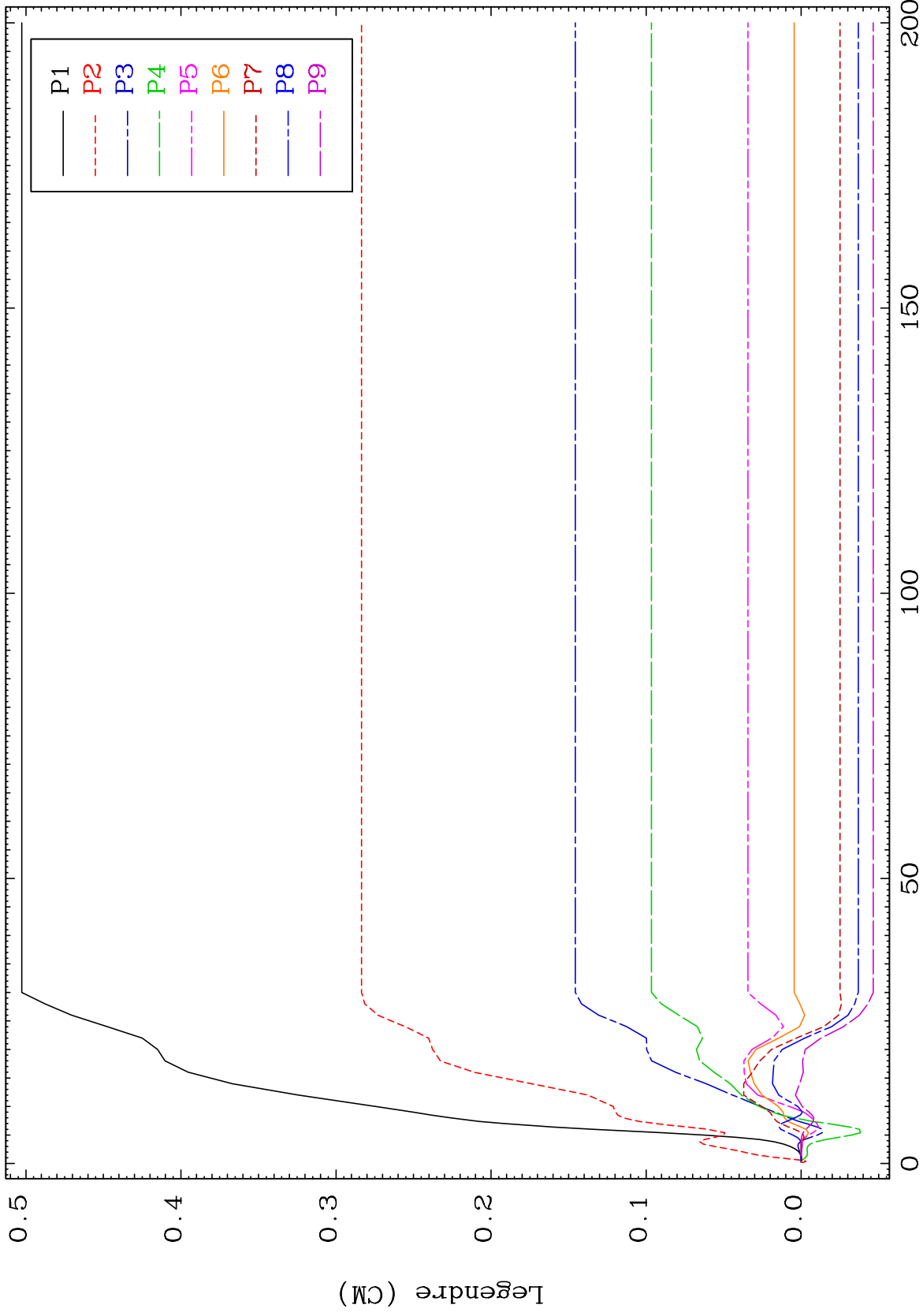
55-Cs-127



MAT 5507

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

55-Cs-127



28

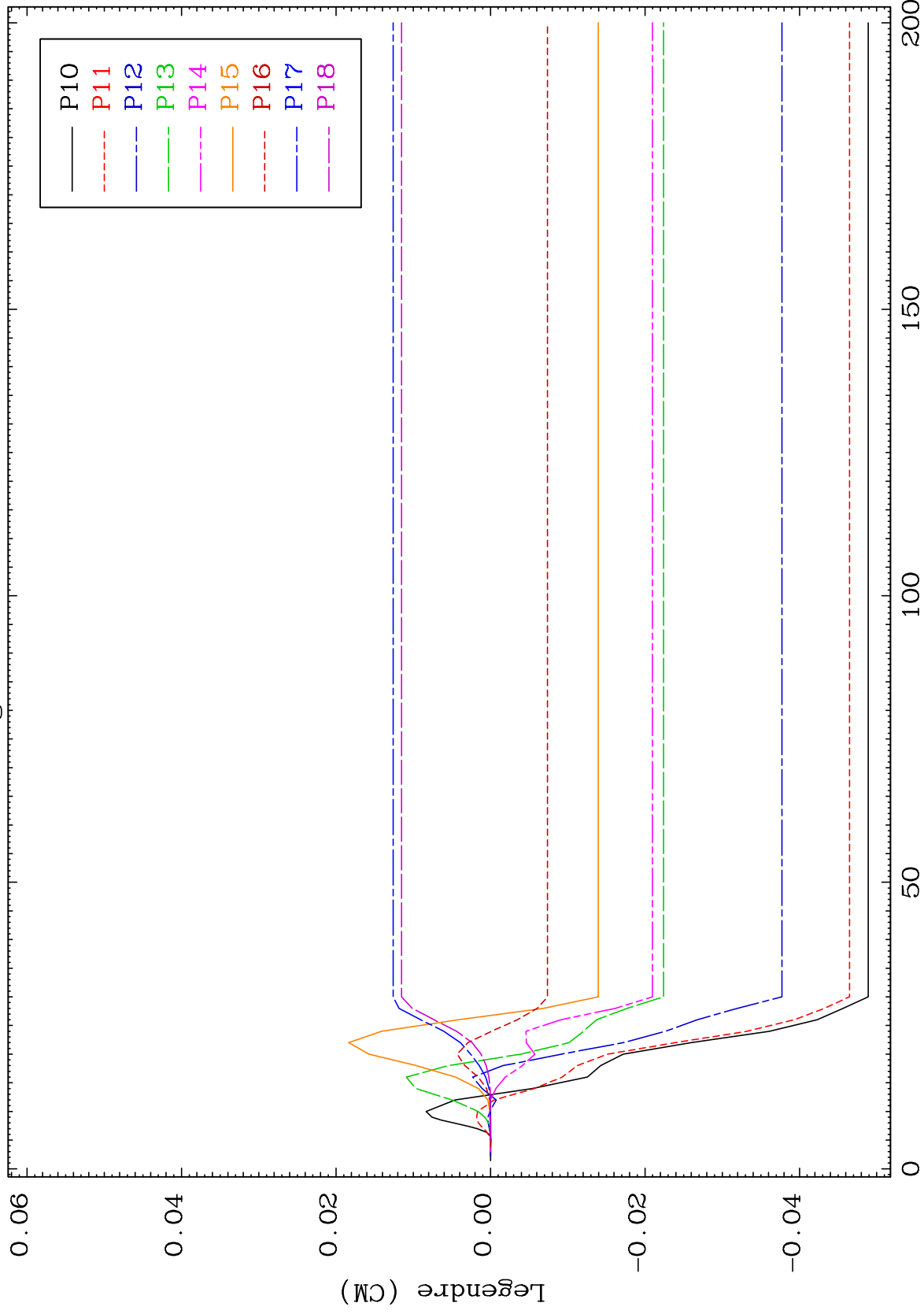
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



29

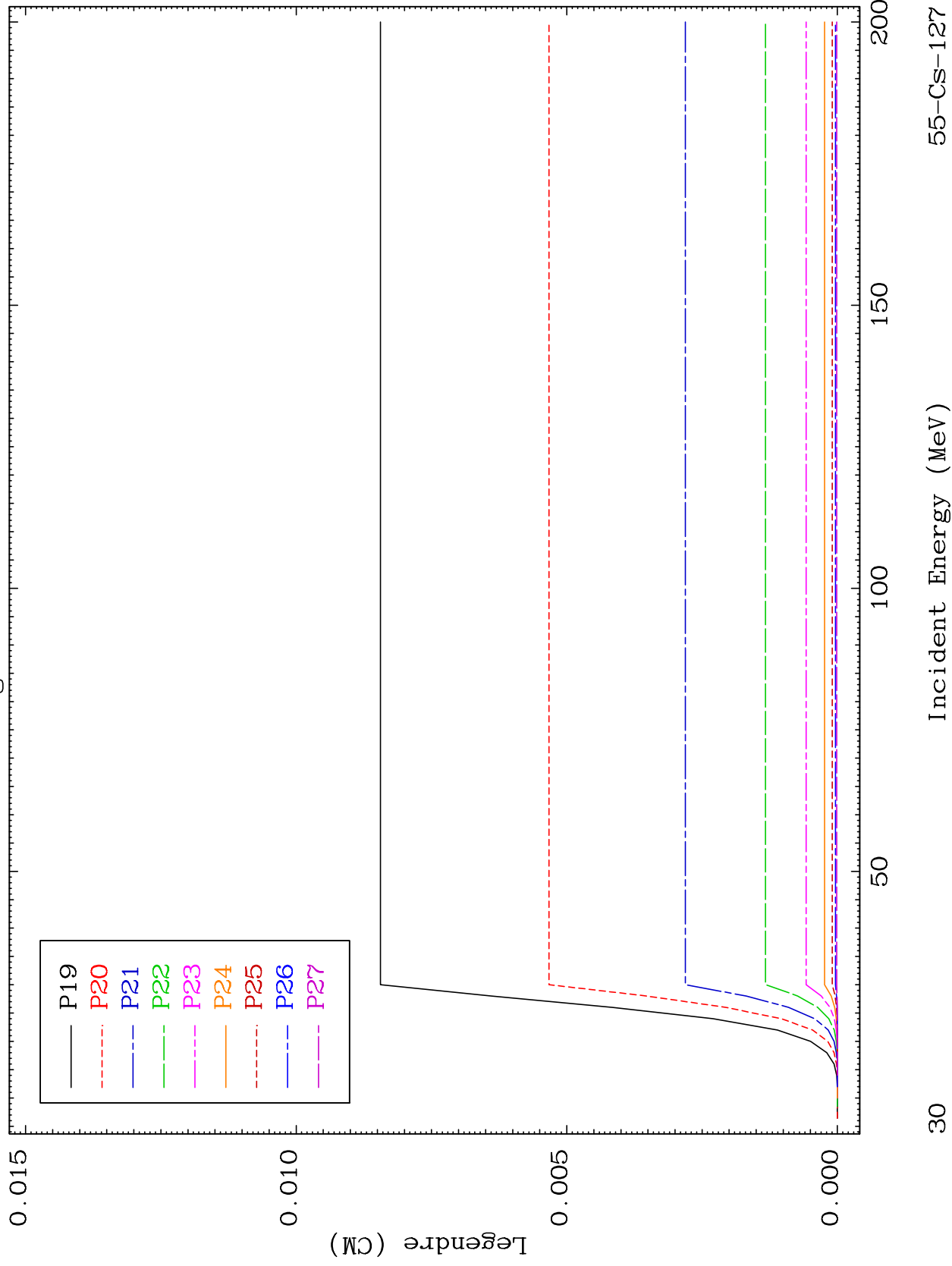
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



30

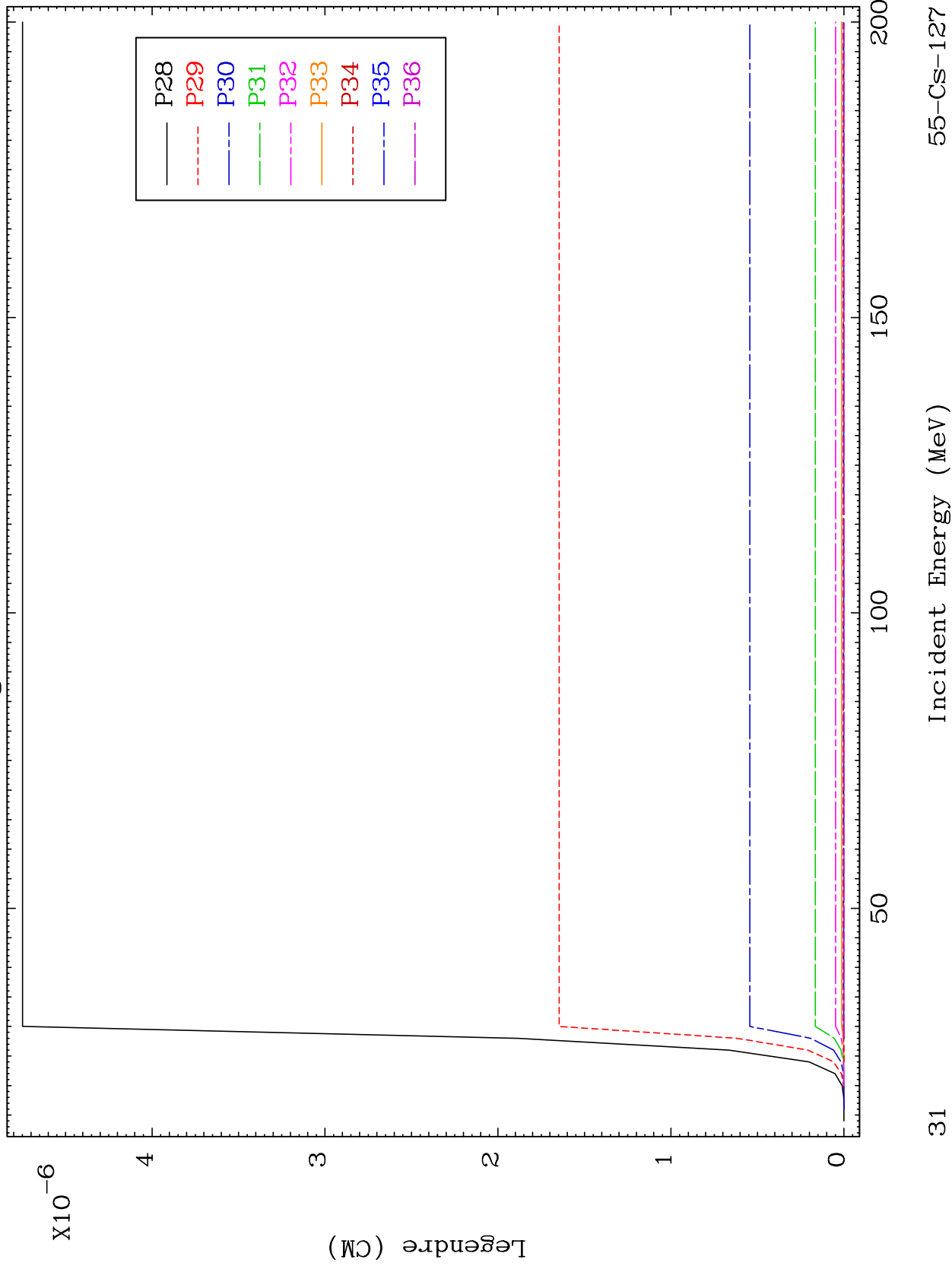
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



31

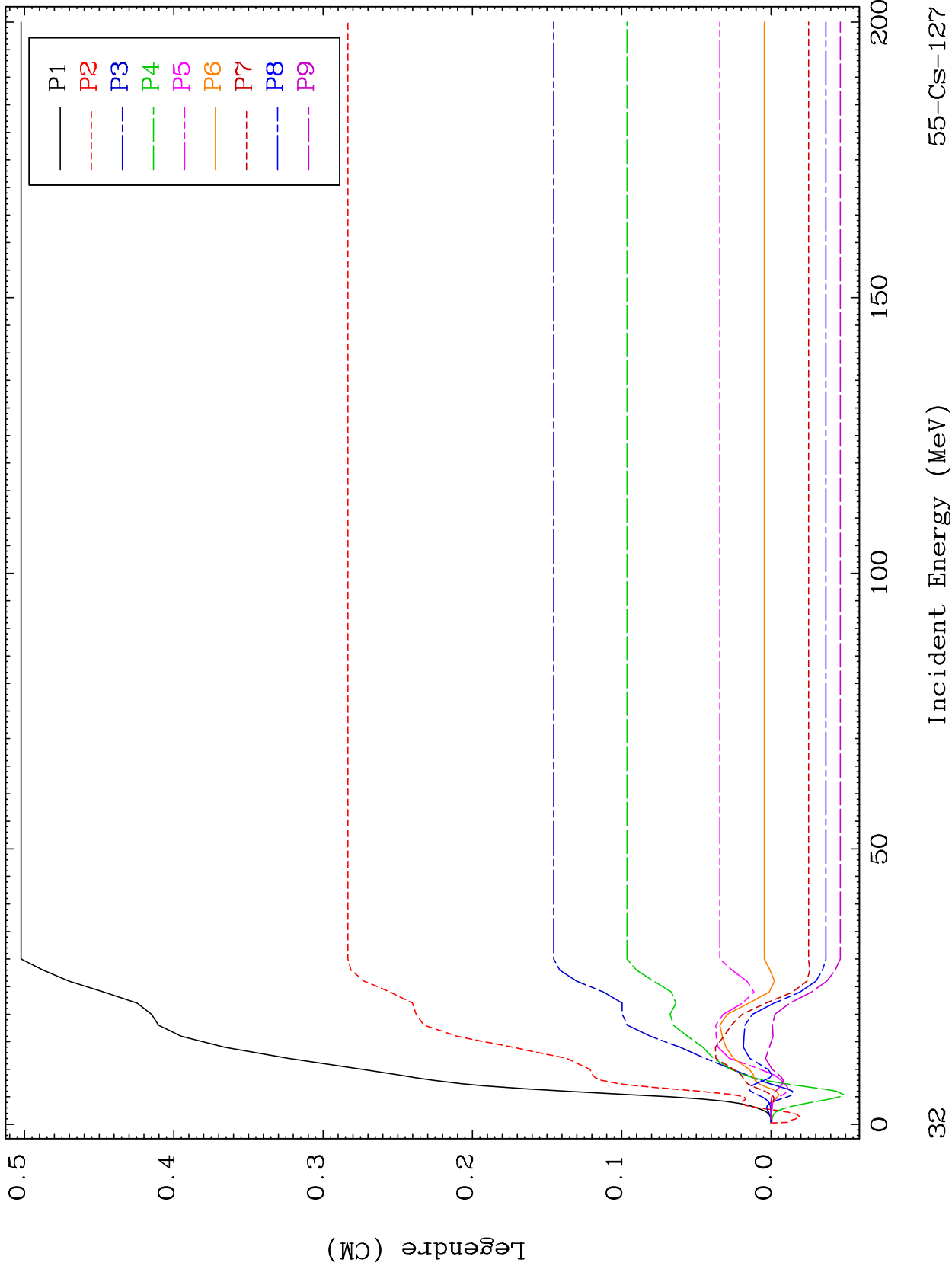
55-Cs-127

MAT 5507

MT= 54 (n,n') Level

55-Cs-127

Legendre Coefficients



32

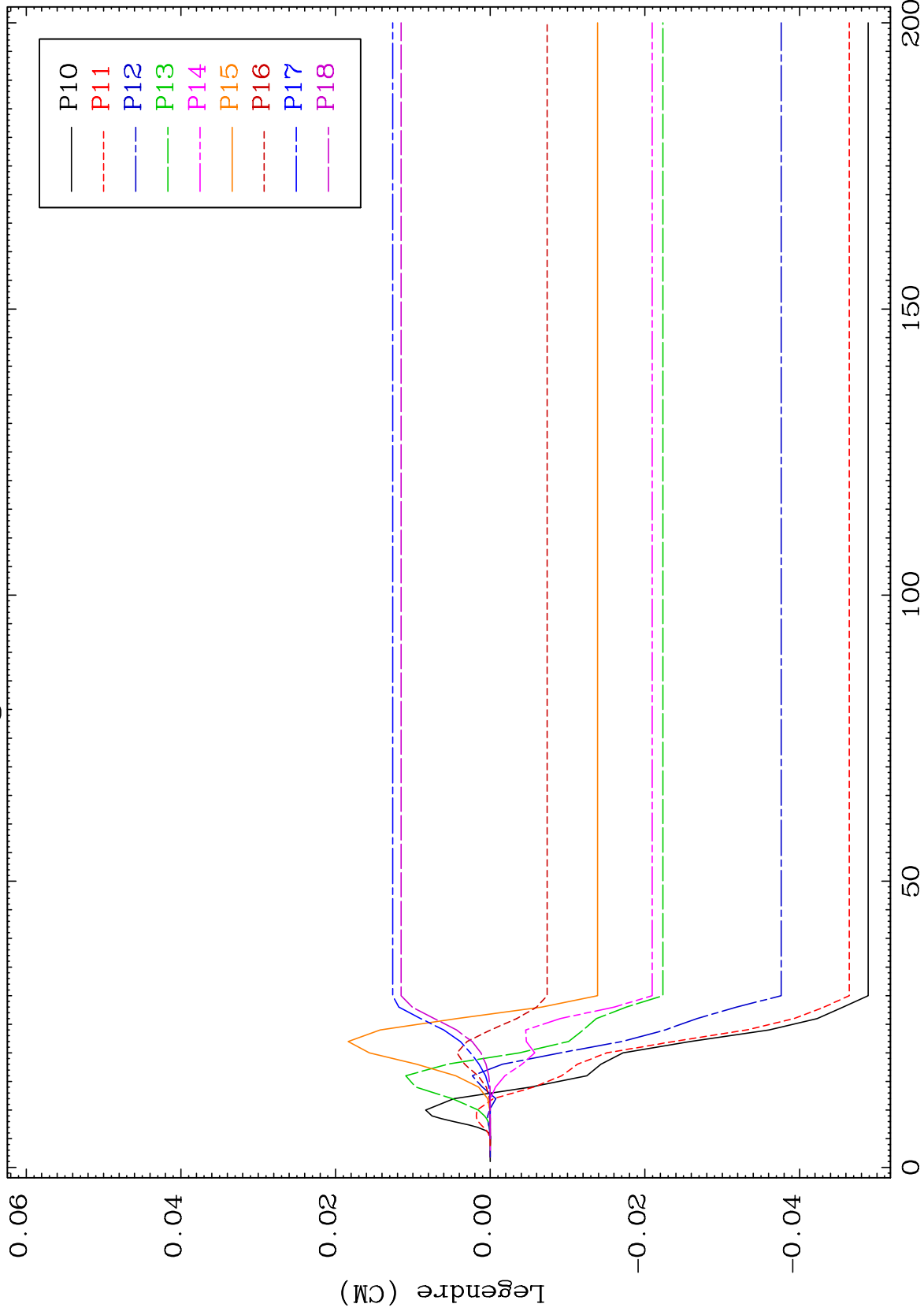
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



33

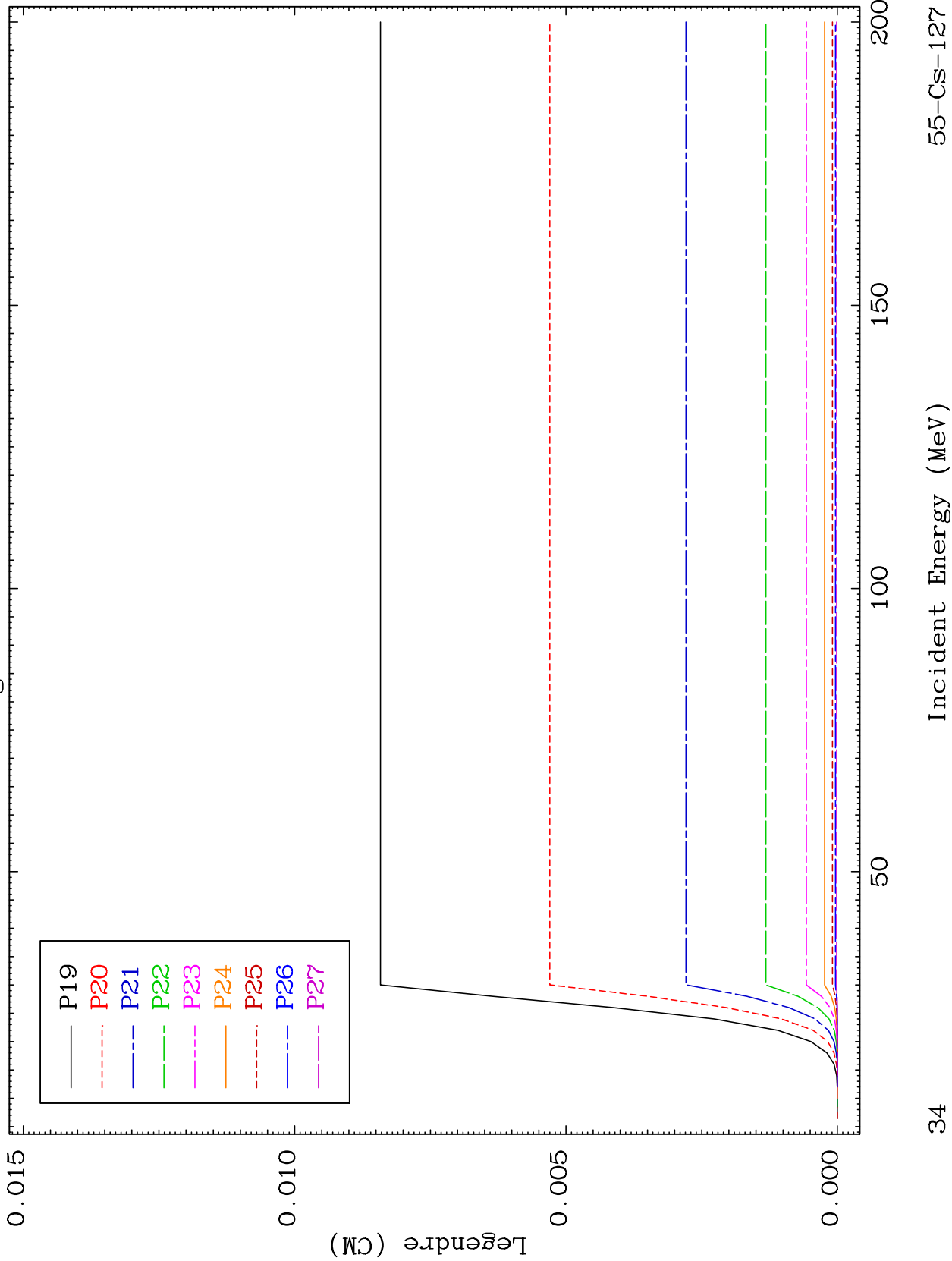
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



34

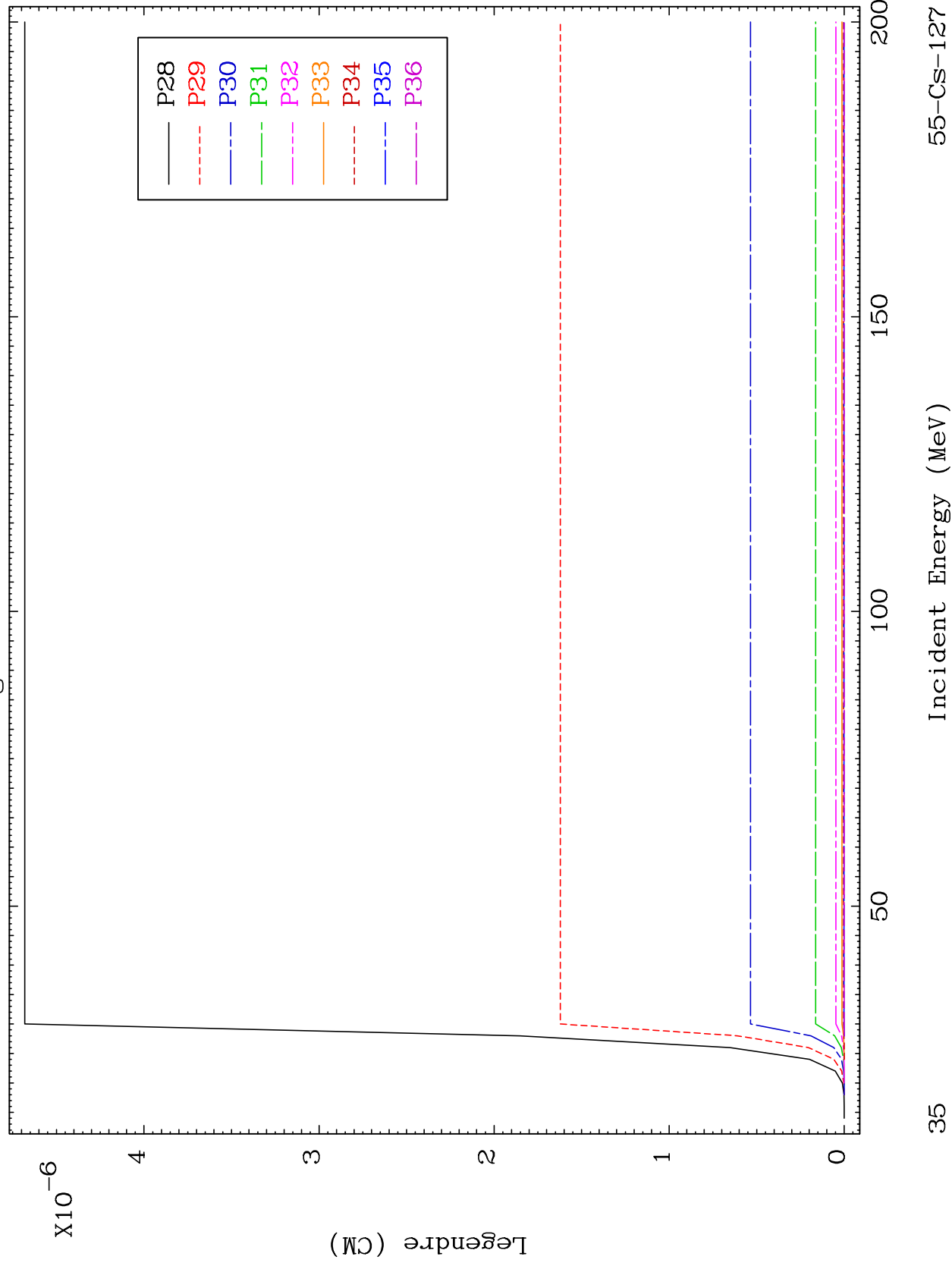
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

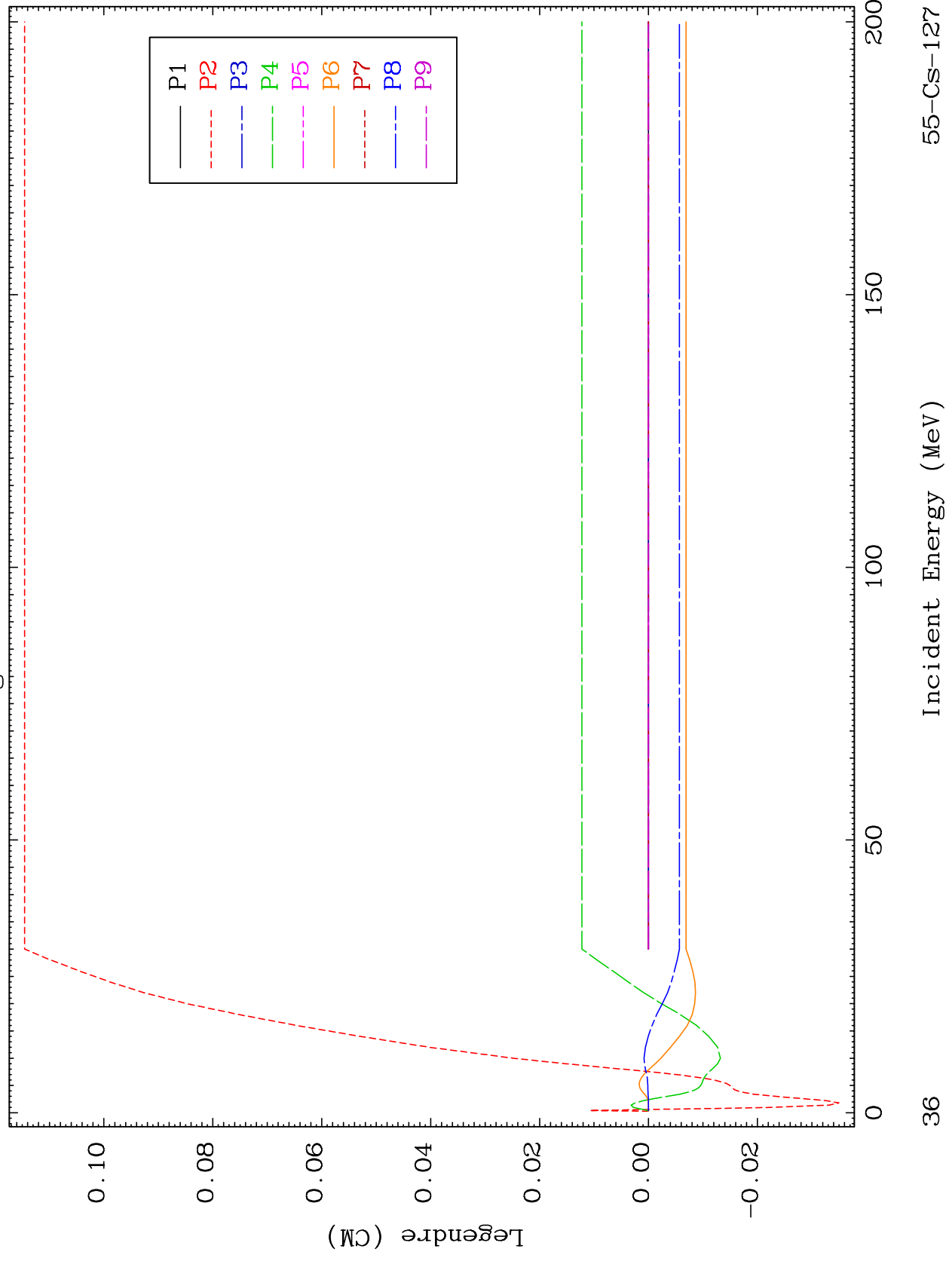
55-Cs-127



MAT 5507

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

55-Cs-127



55-Cs-127

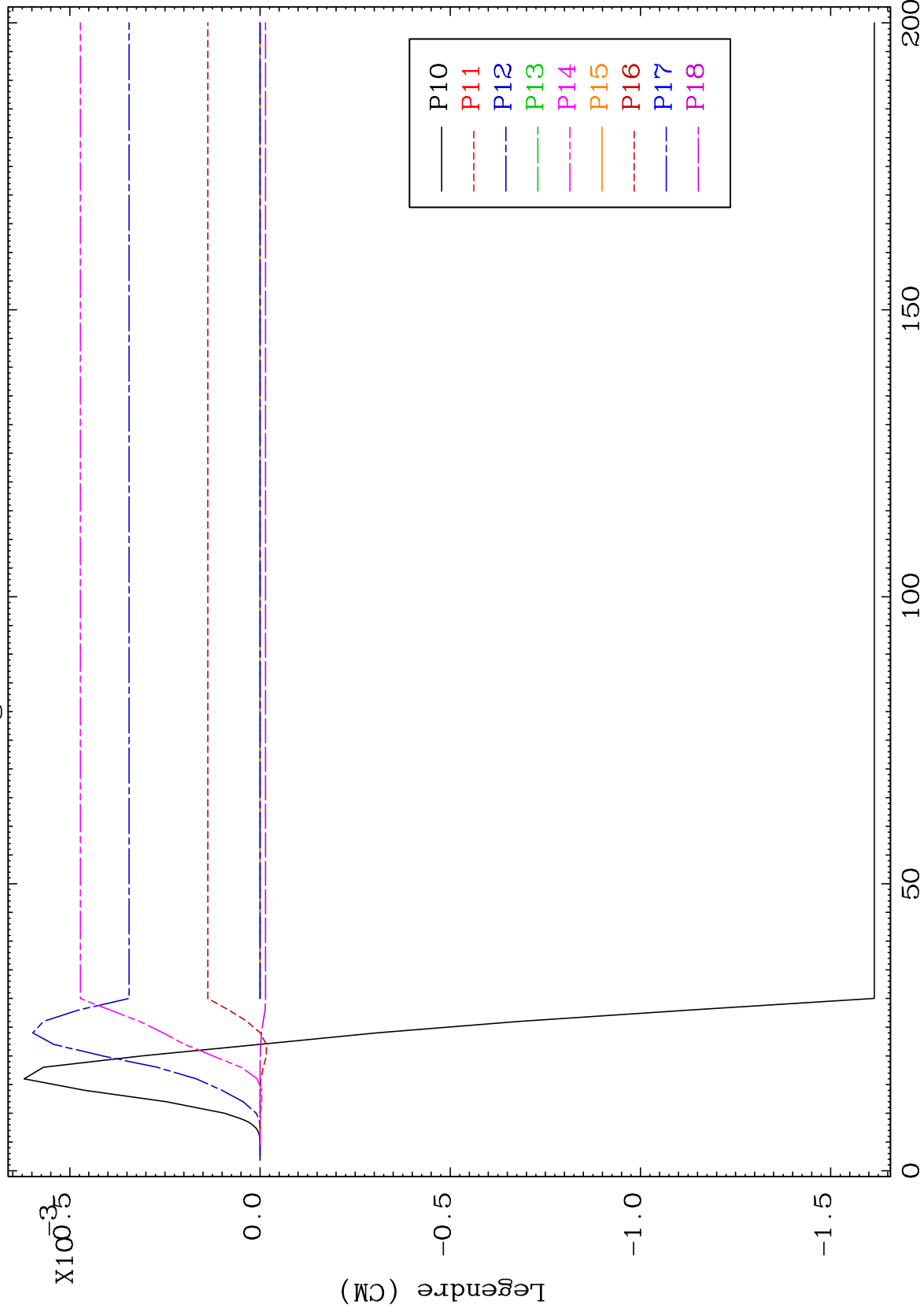
Incident Energy (MeV)

36

MAT 5507

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

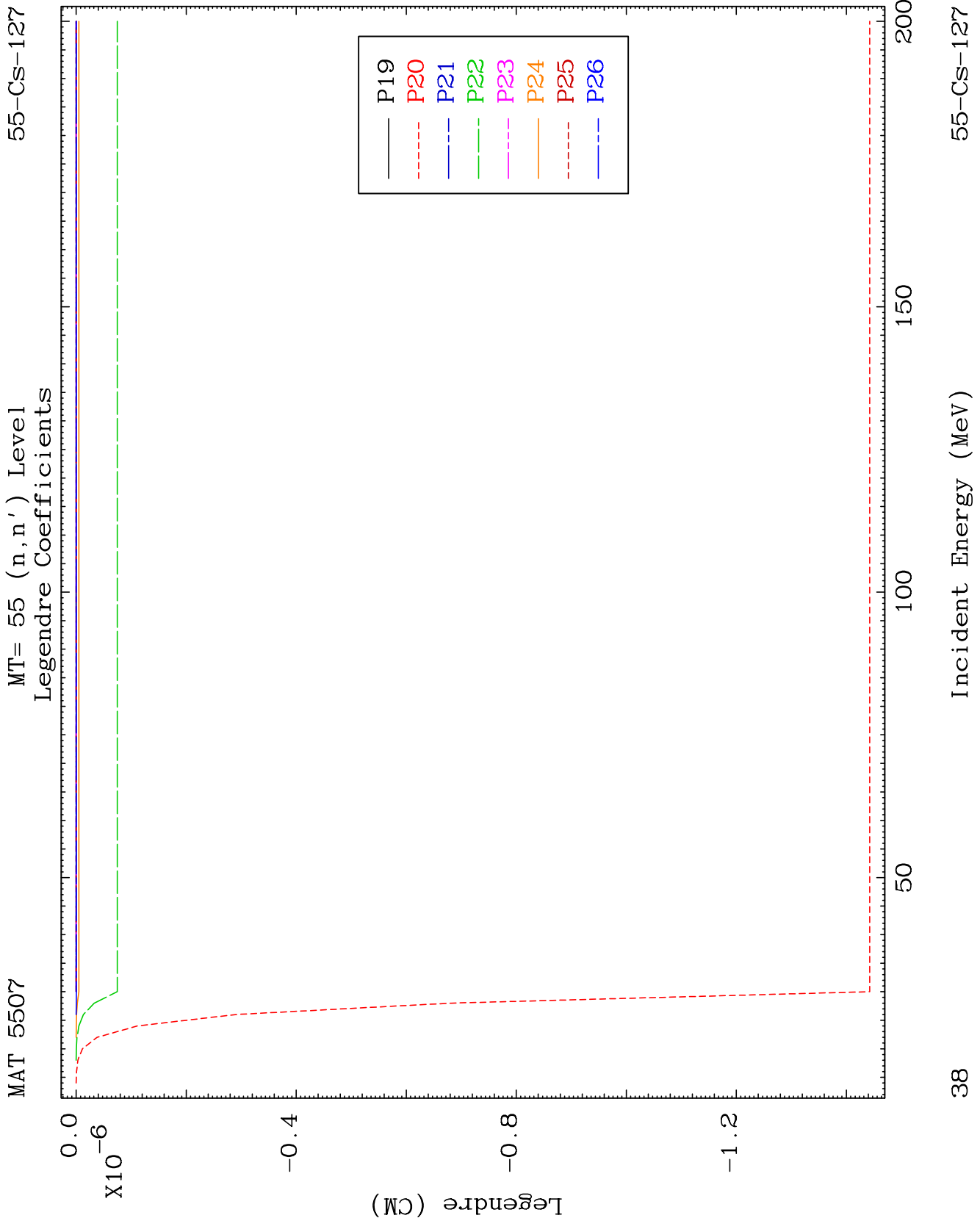
55-Cs-127



37

Incident Energy (MeV)

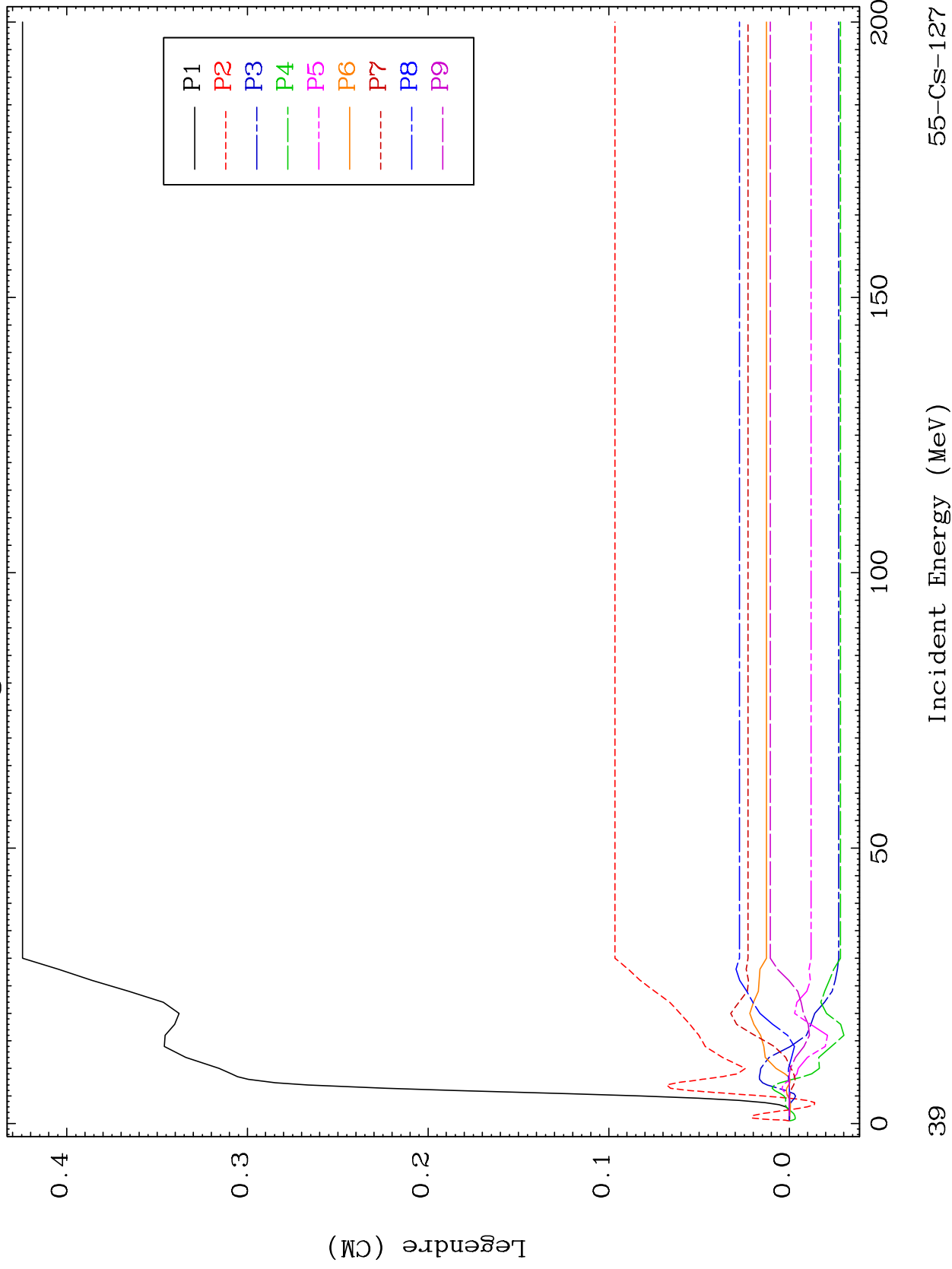
55-Cs-127



MAT 5507

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

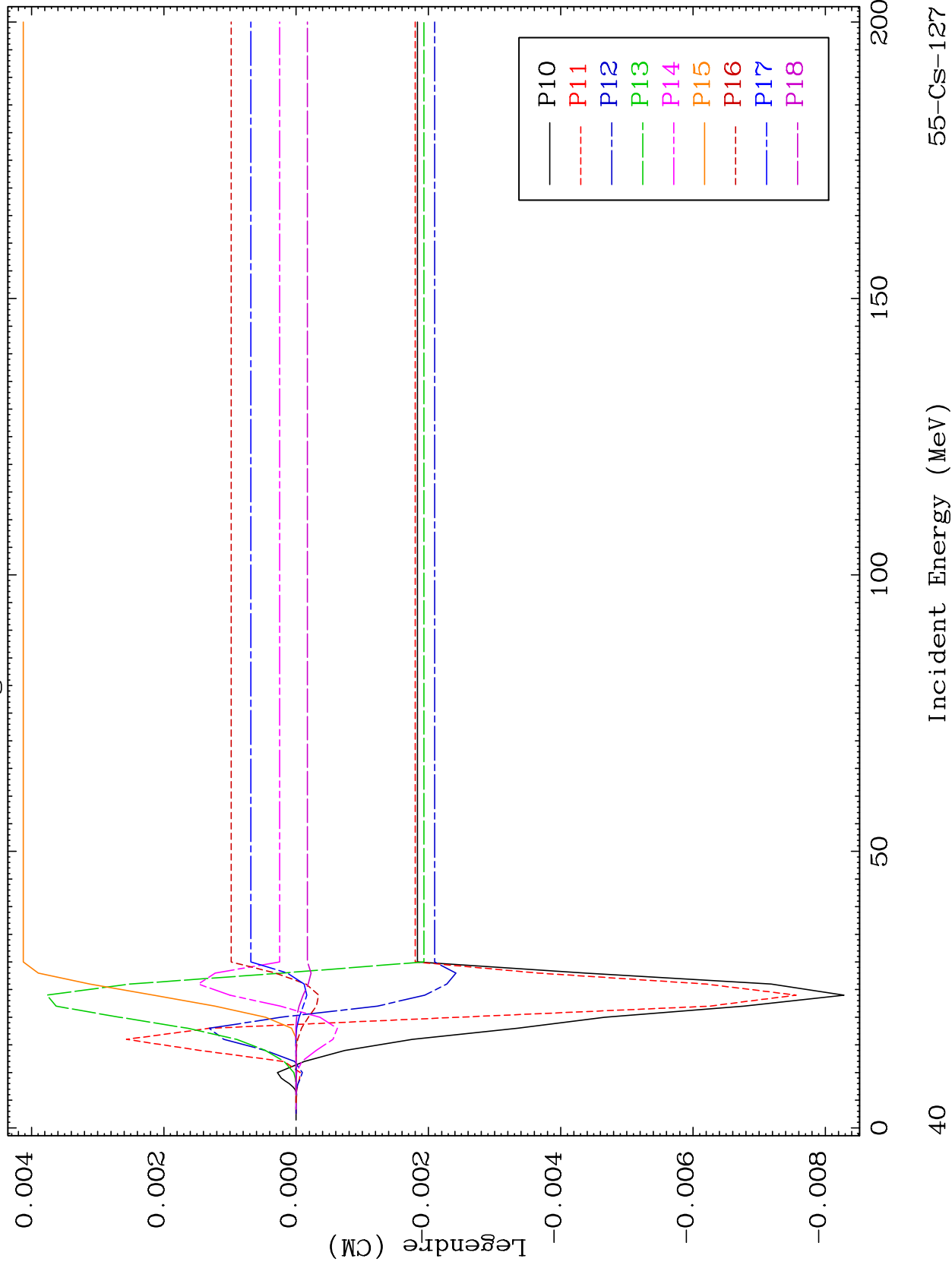
55-Cs-127



MAT 5507

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

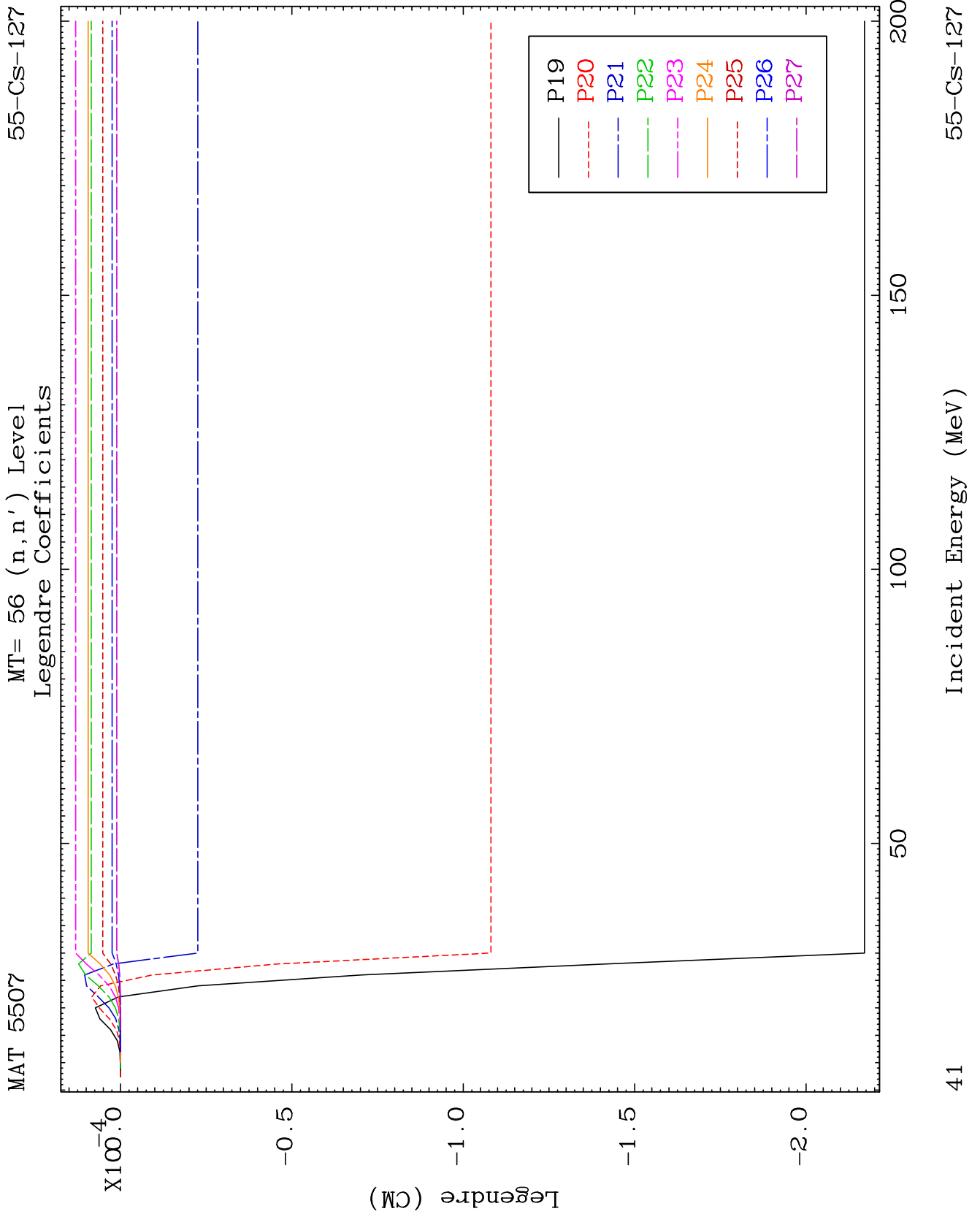
55-Cs-127



55-Cs-127

Incident Energy (MeV)

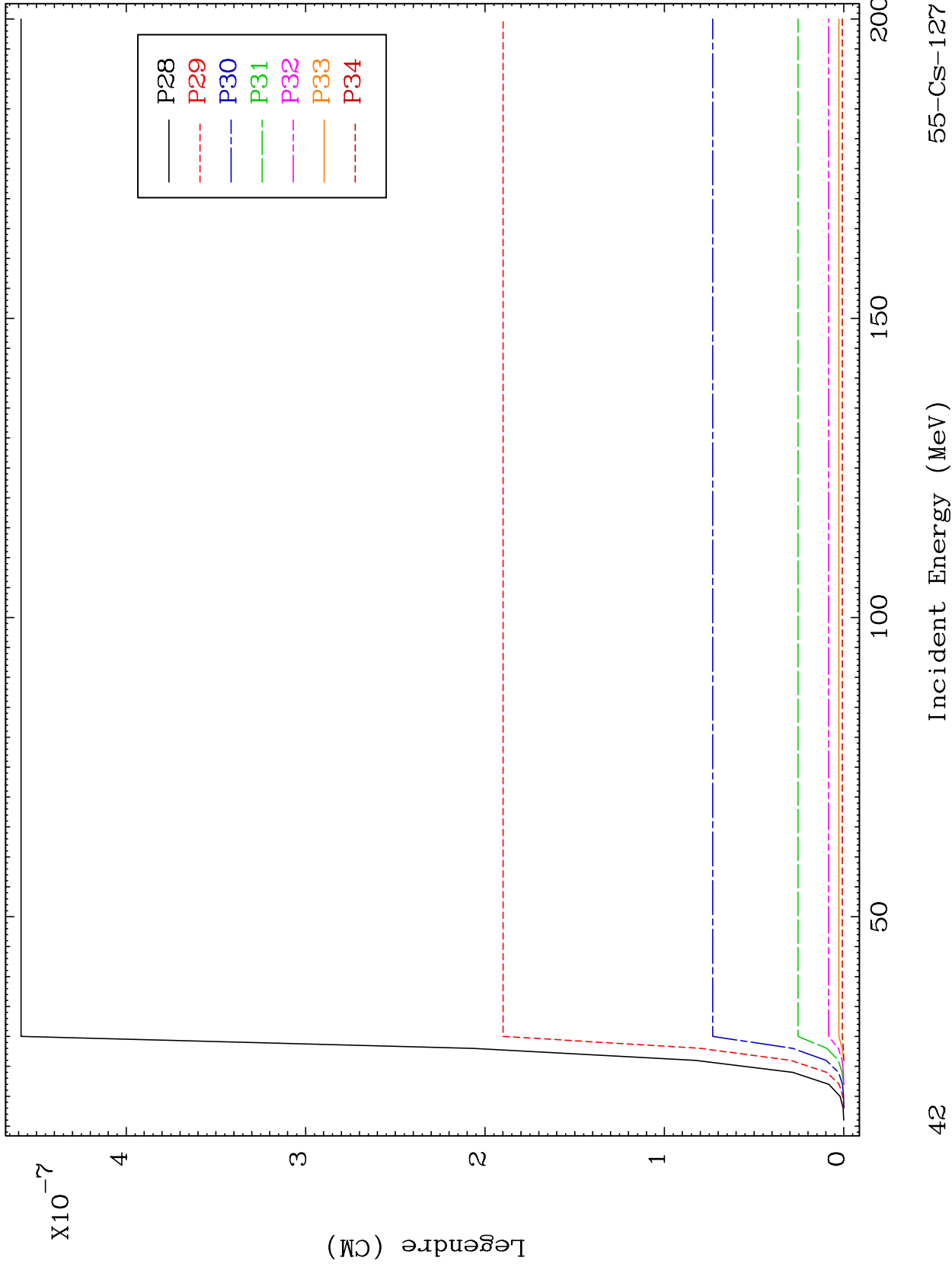
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MAT 5507

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

55-Cs-127



42

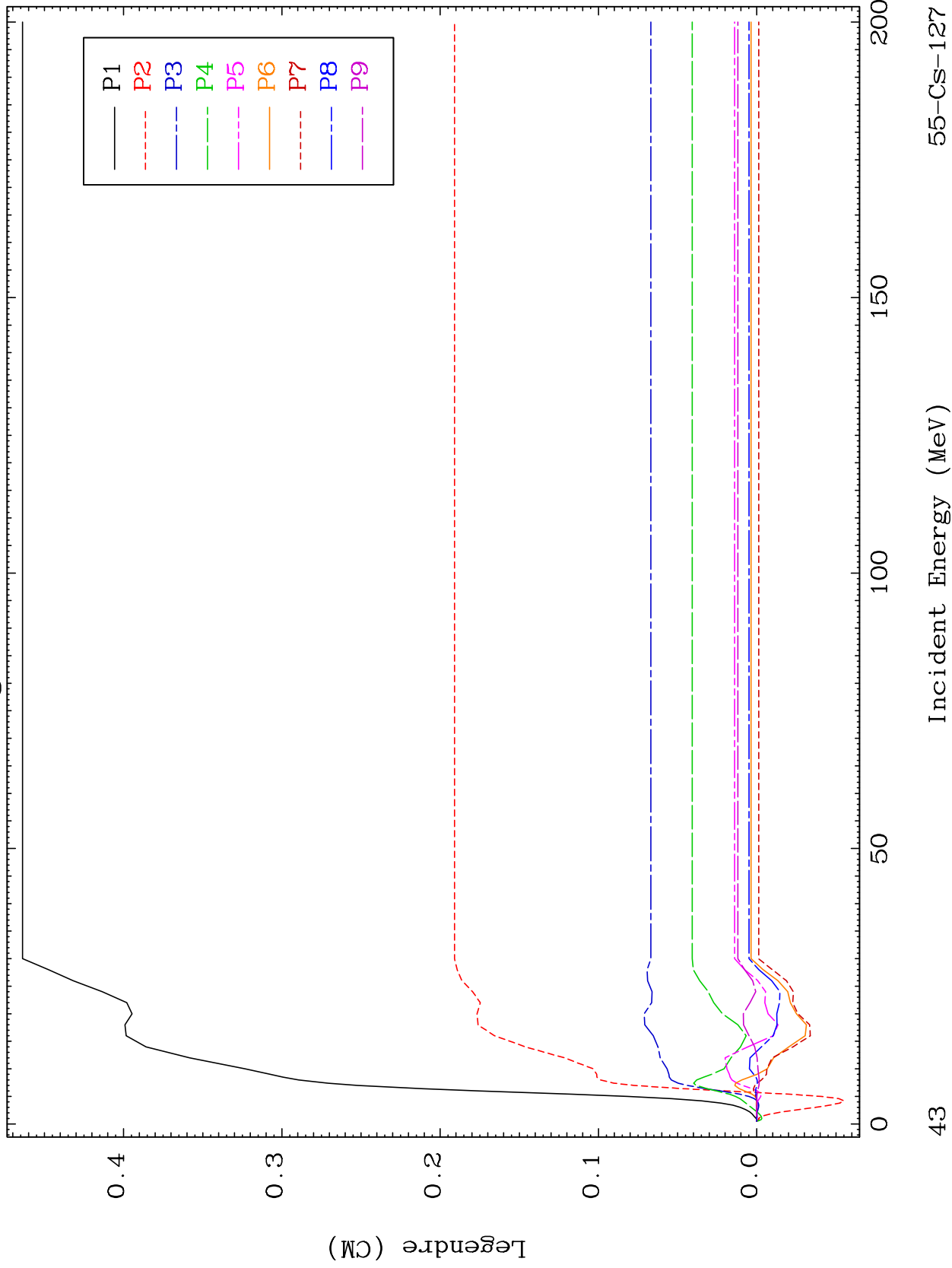
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

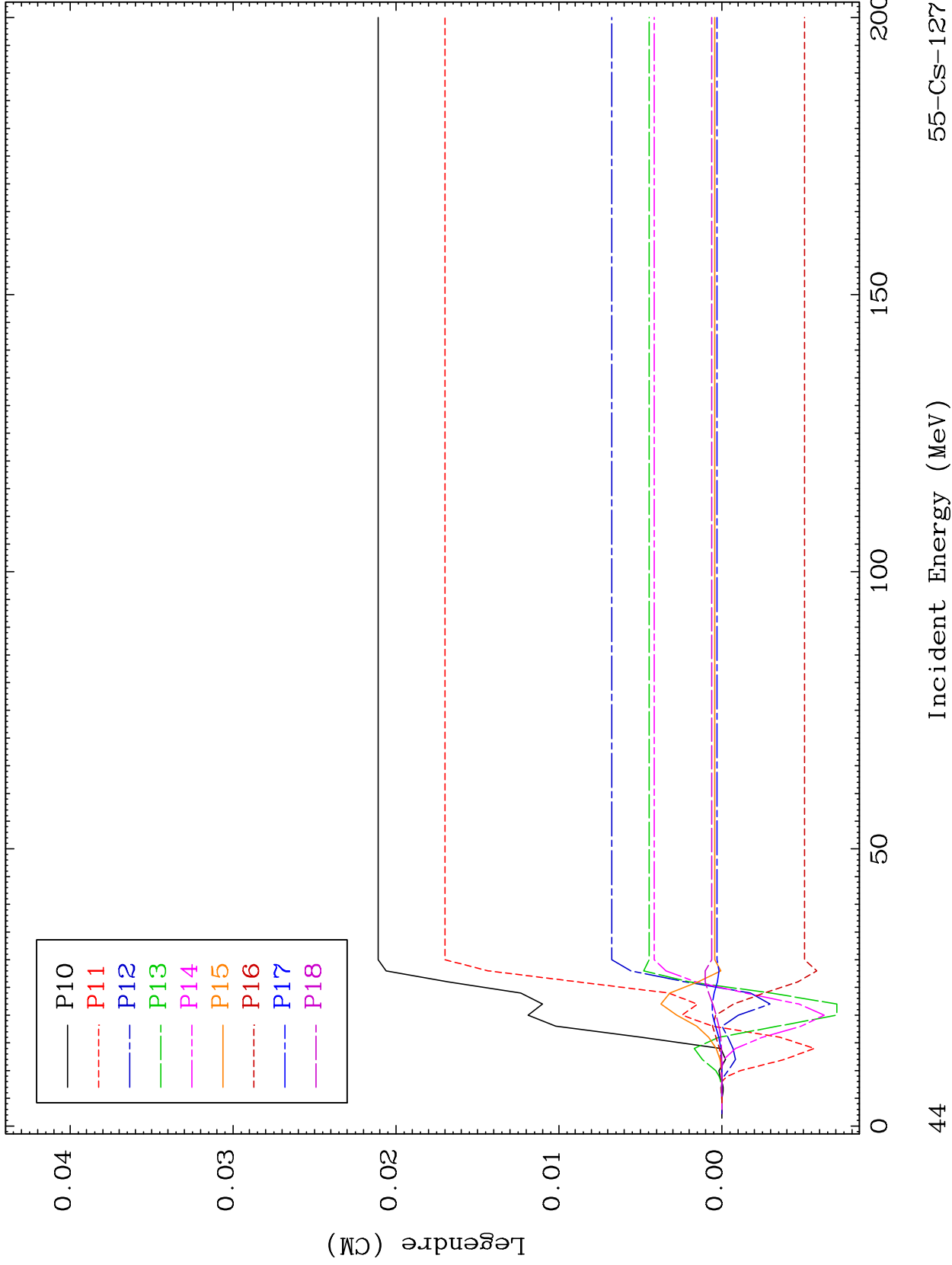
55-Cs-127



MAT 5507

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

55-Cs-127



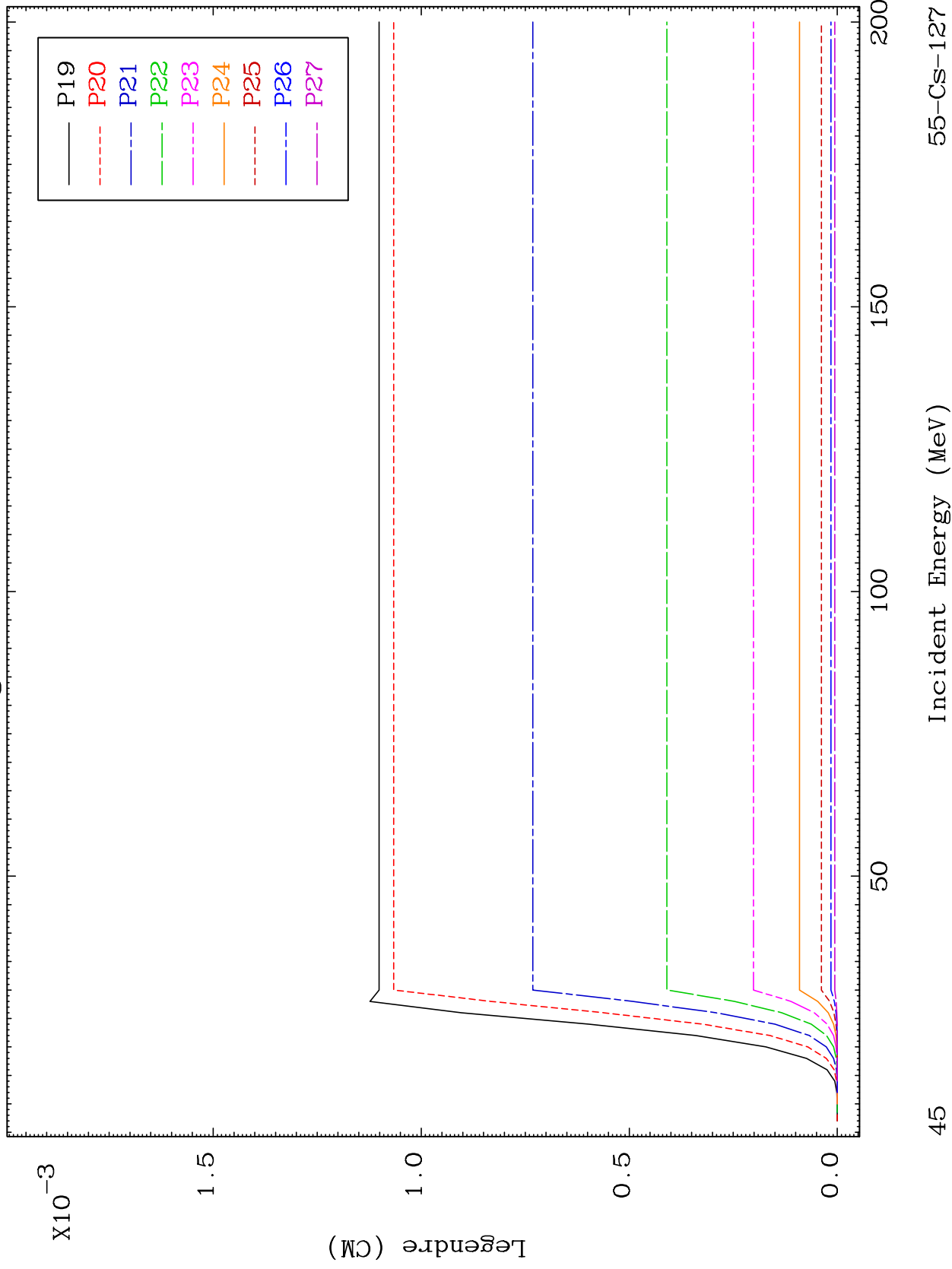
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55-Cs-127

MAT 5507

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

55-Cs-127



45

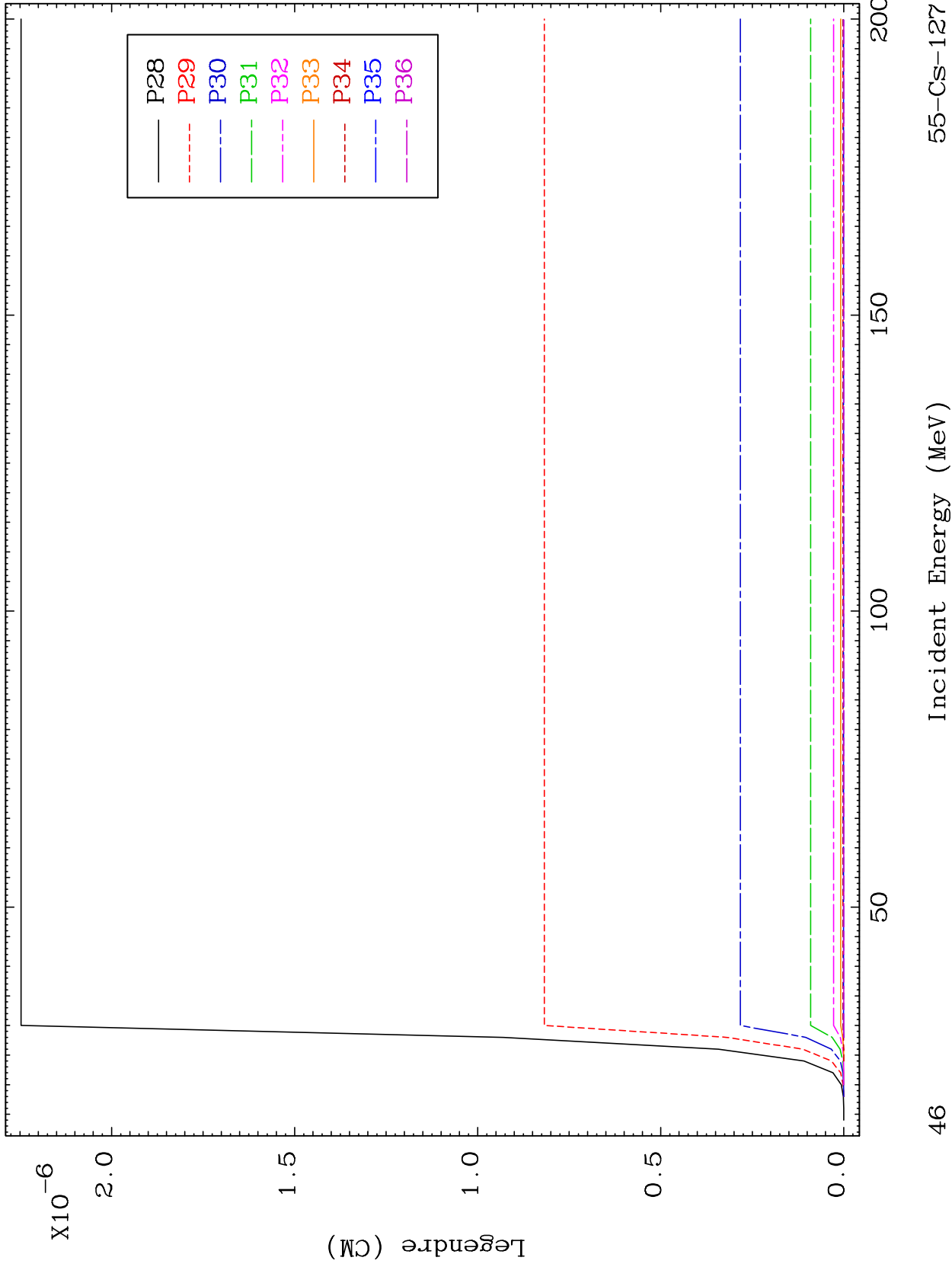
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

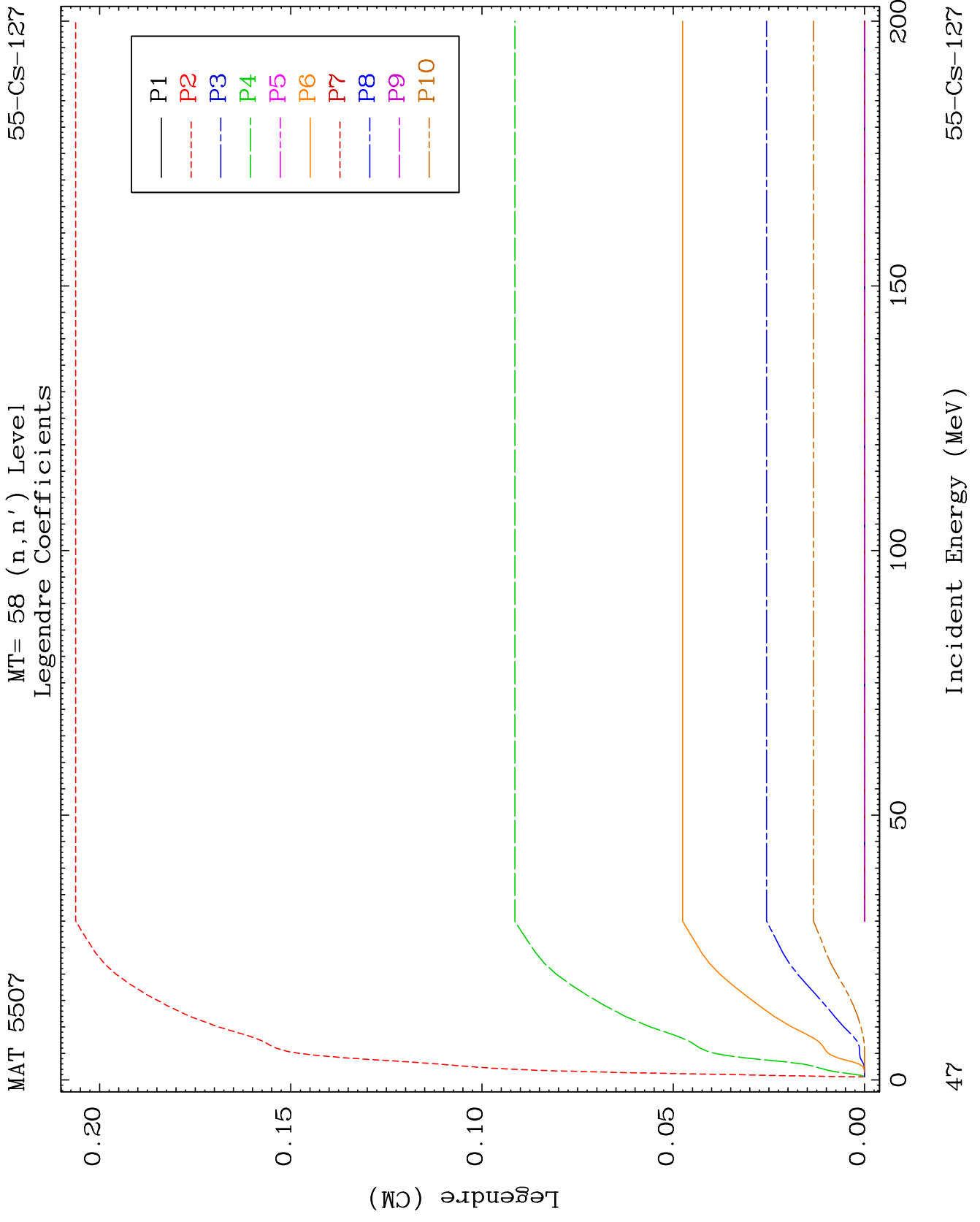
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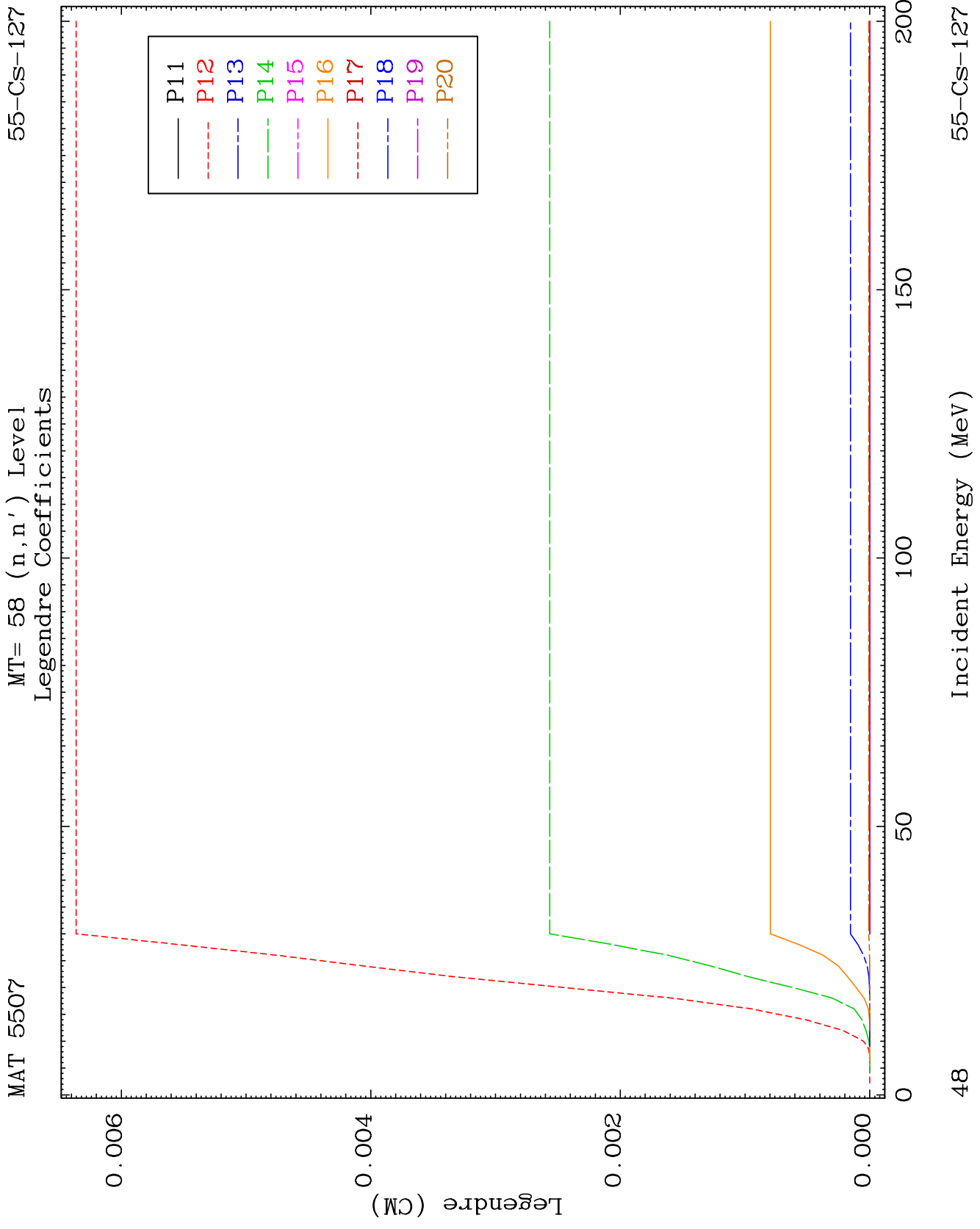


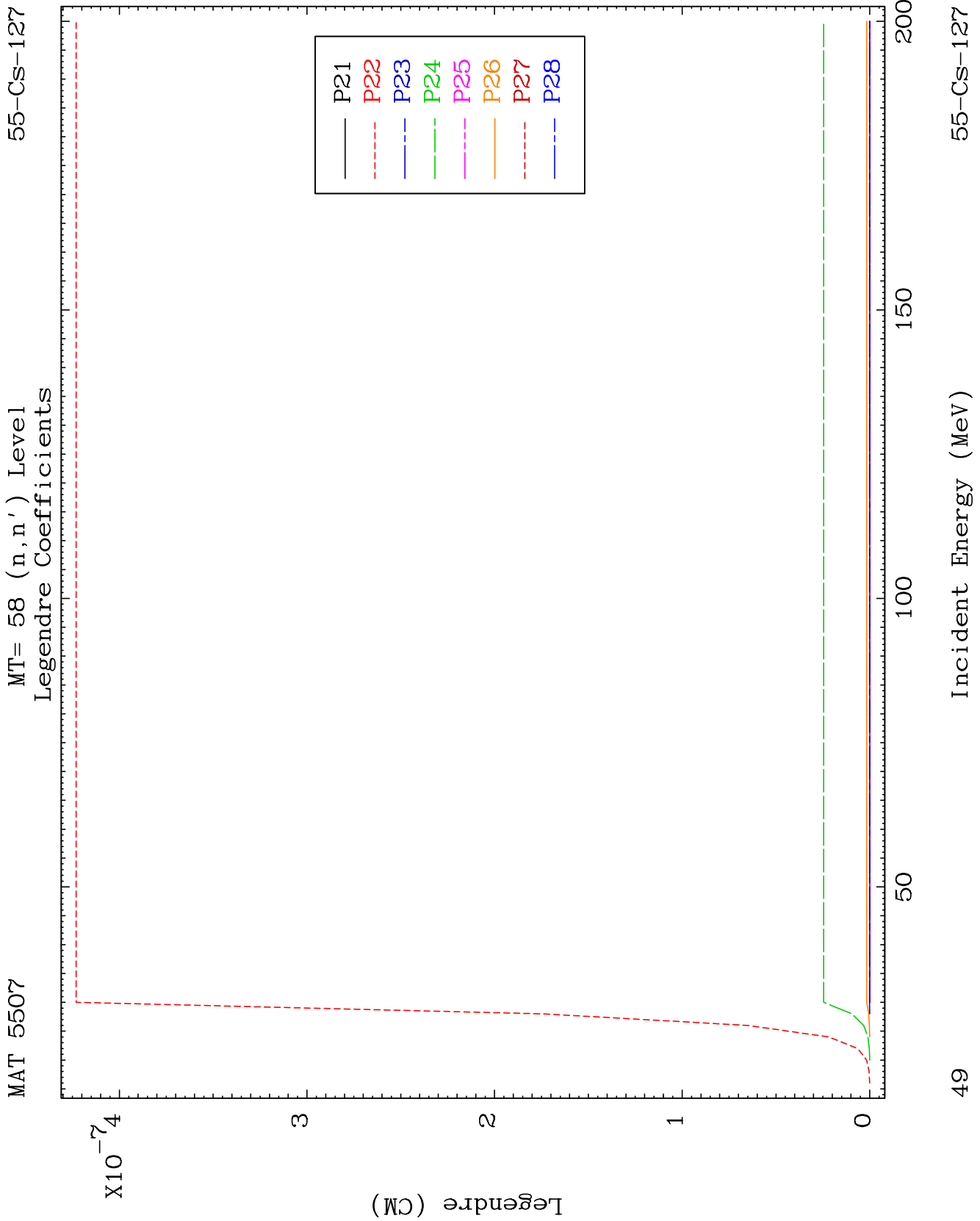
46

Incident Energy (MeV)

55-Cs-127



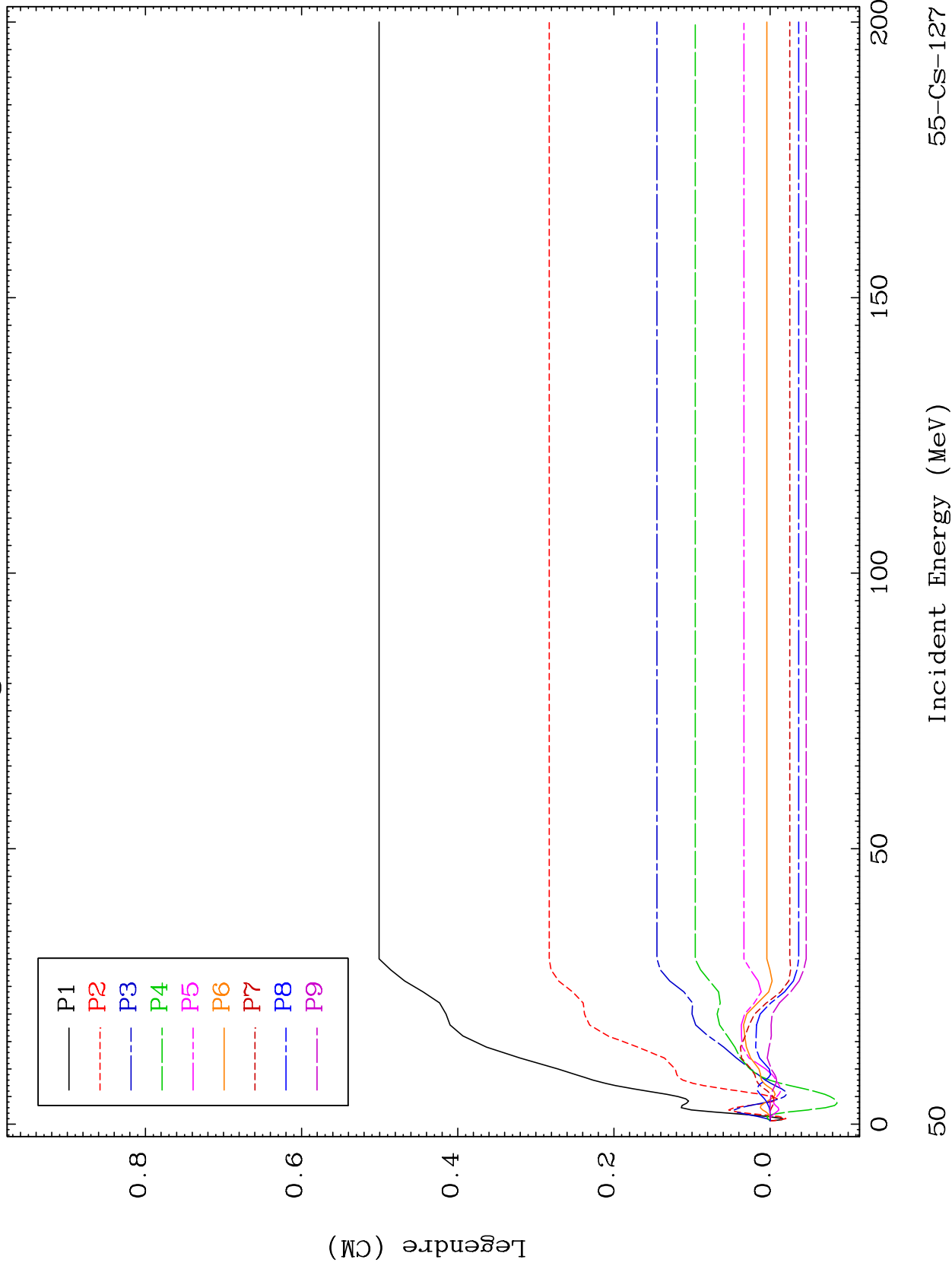




MAT 5507

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

55-Cs-127

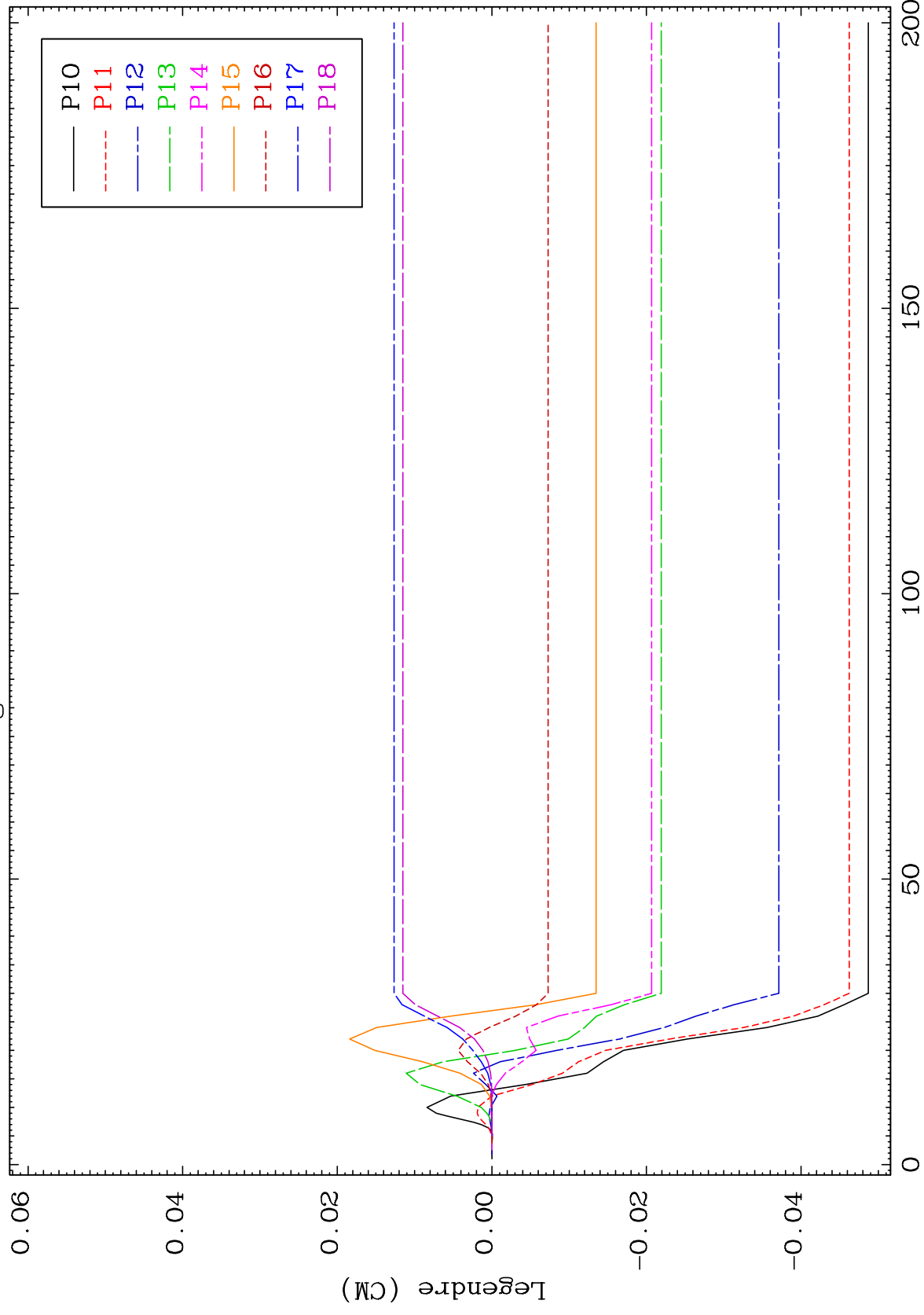


55-Cs-127

MAT 5507

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

55-Cs-127



51

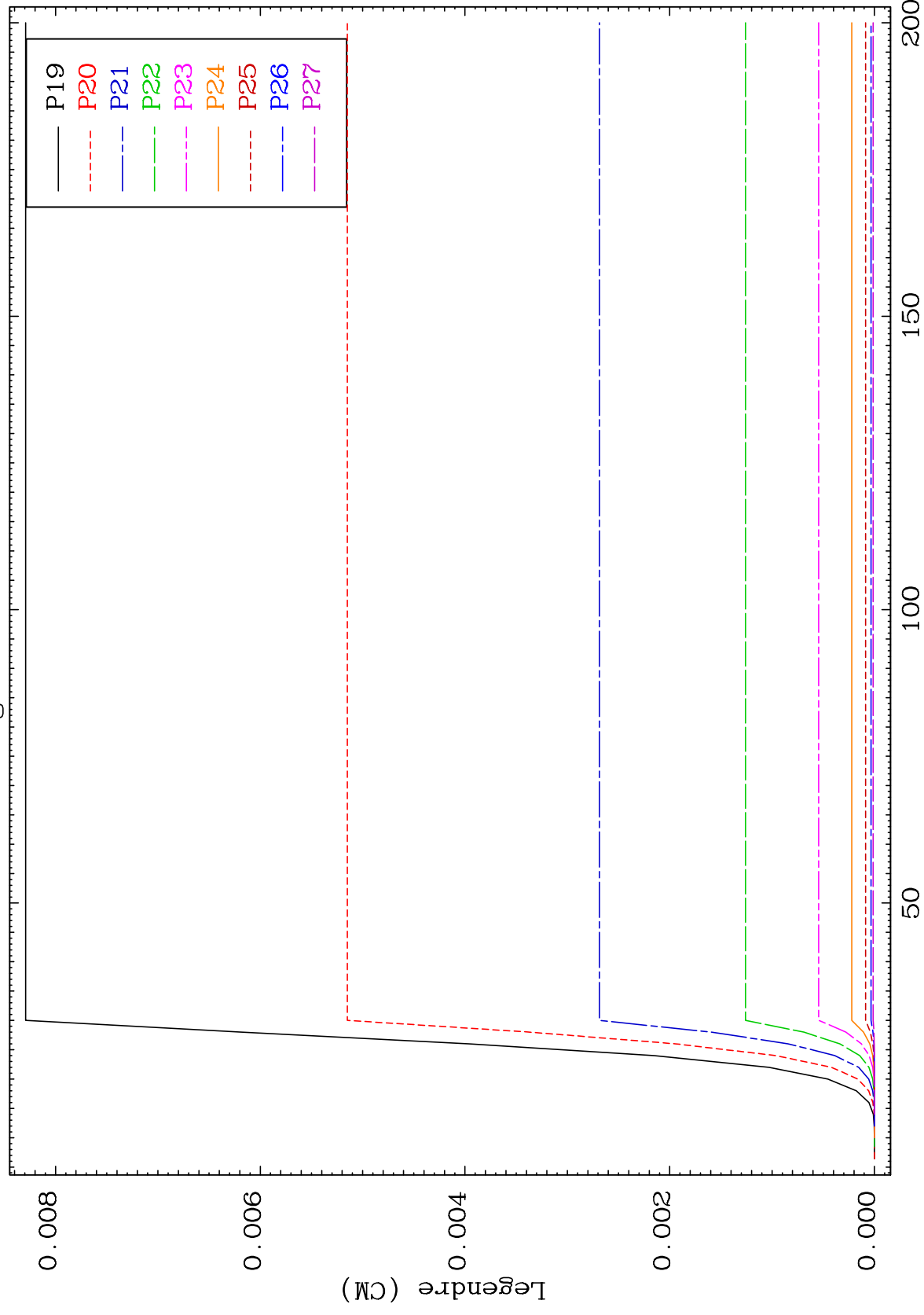
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



52

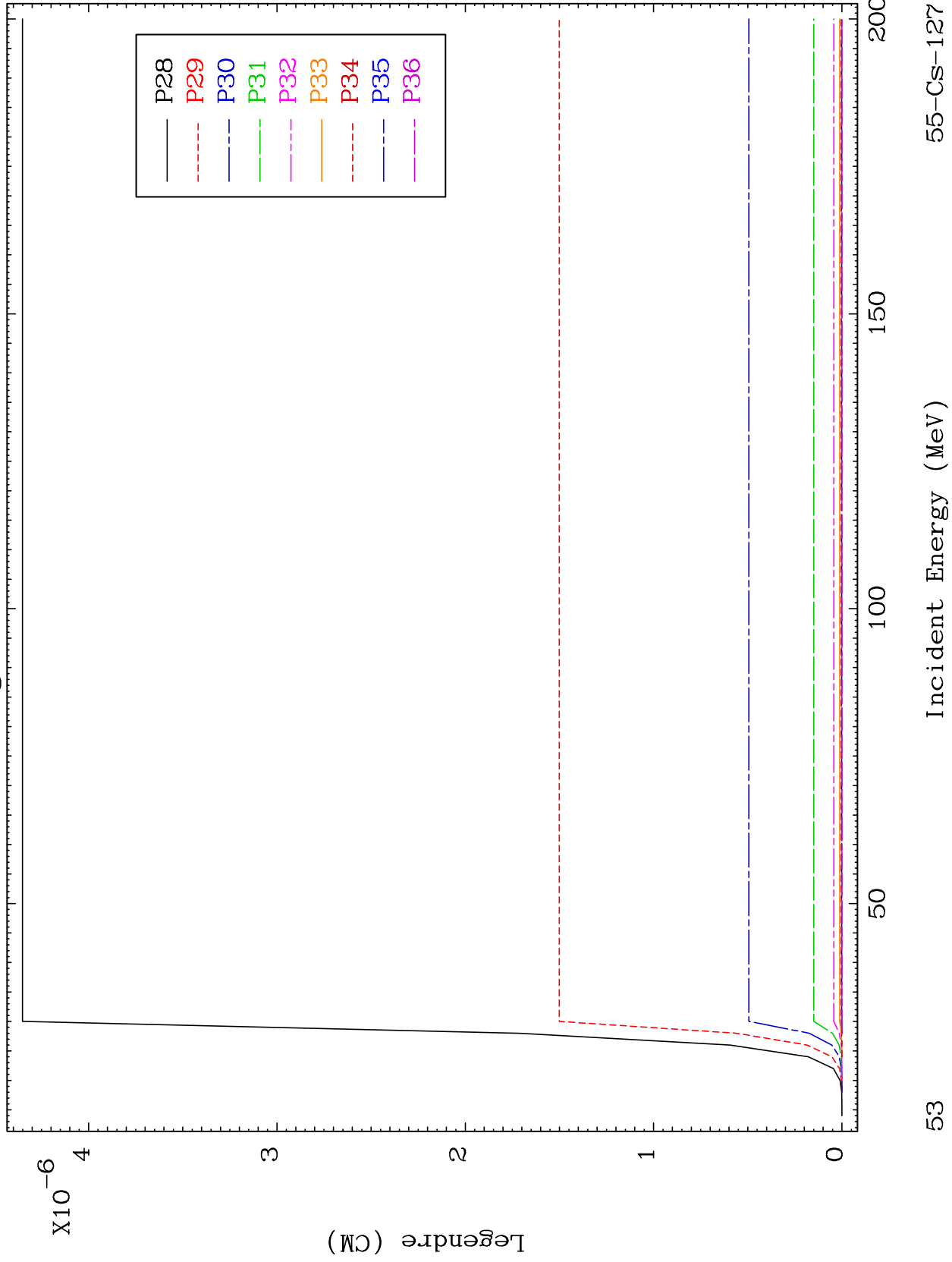
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

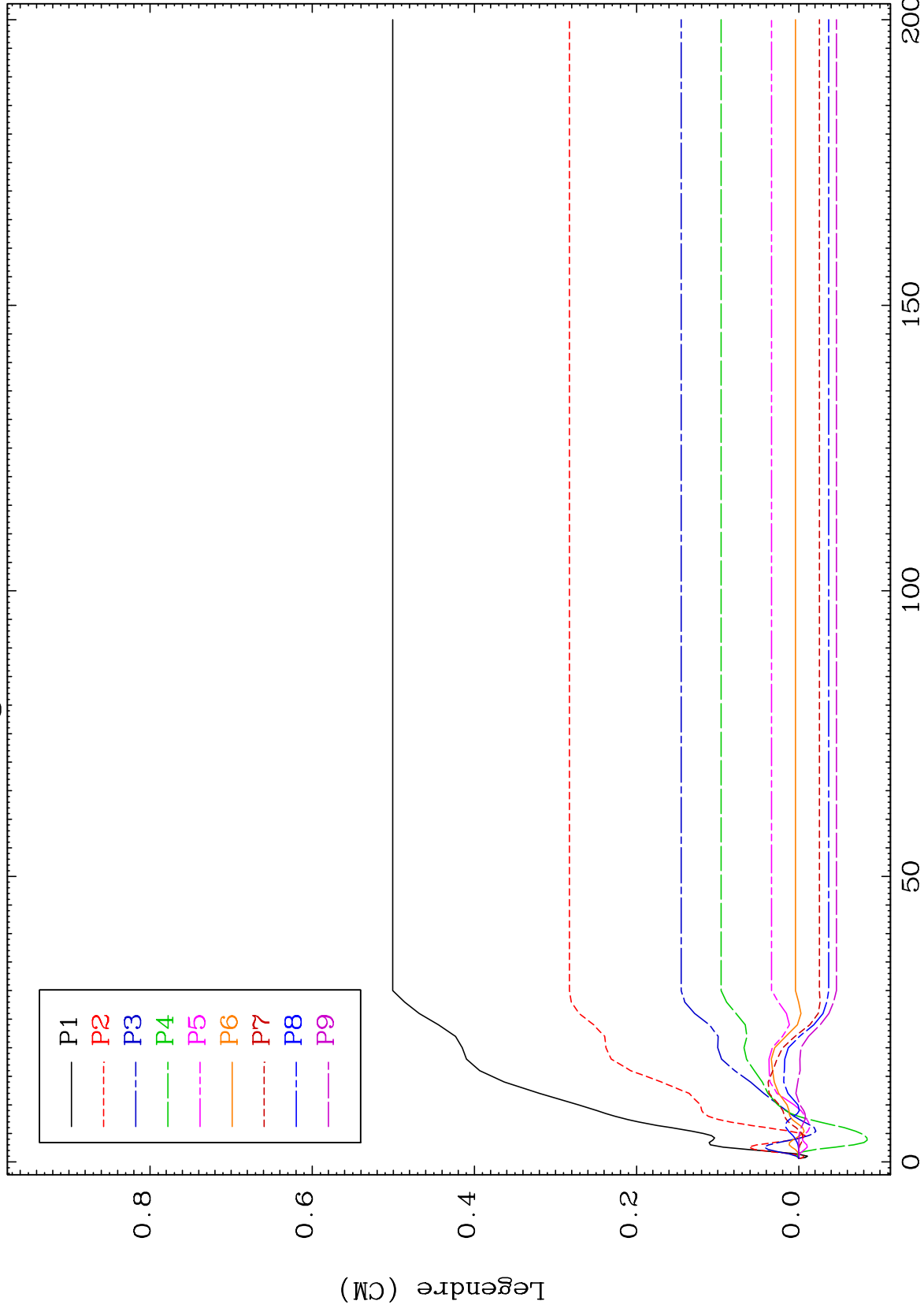
55-Cs-127



MAT 5507

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

55-Cs-127



54

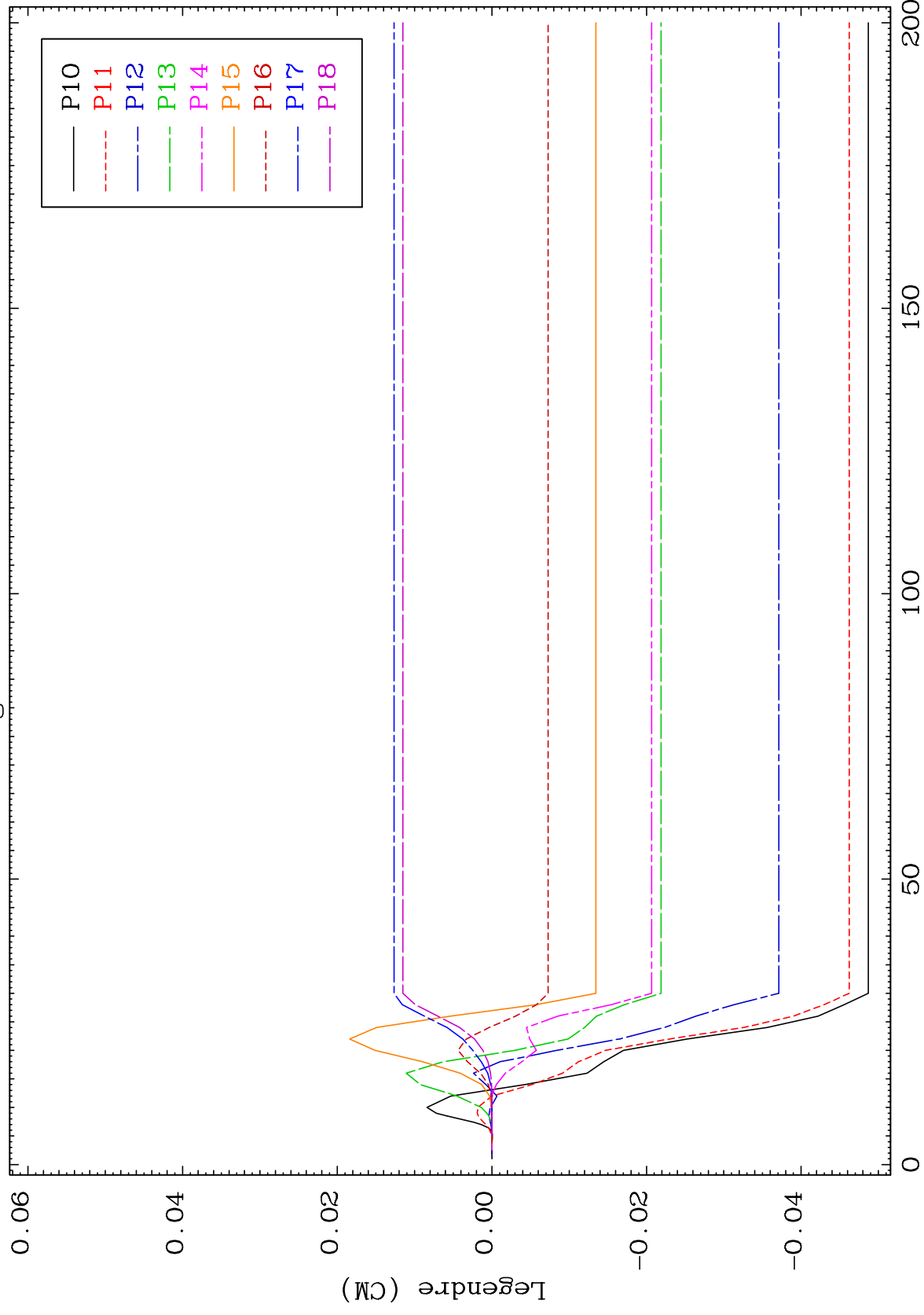
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55

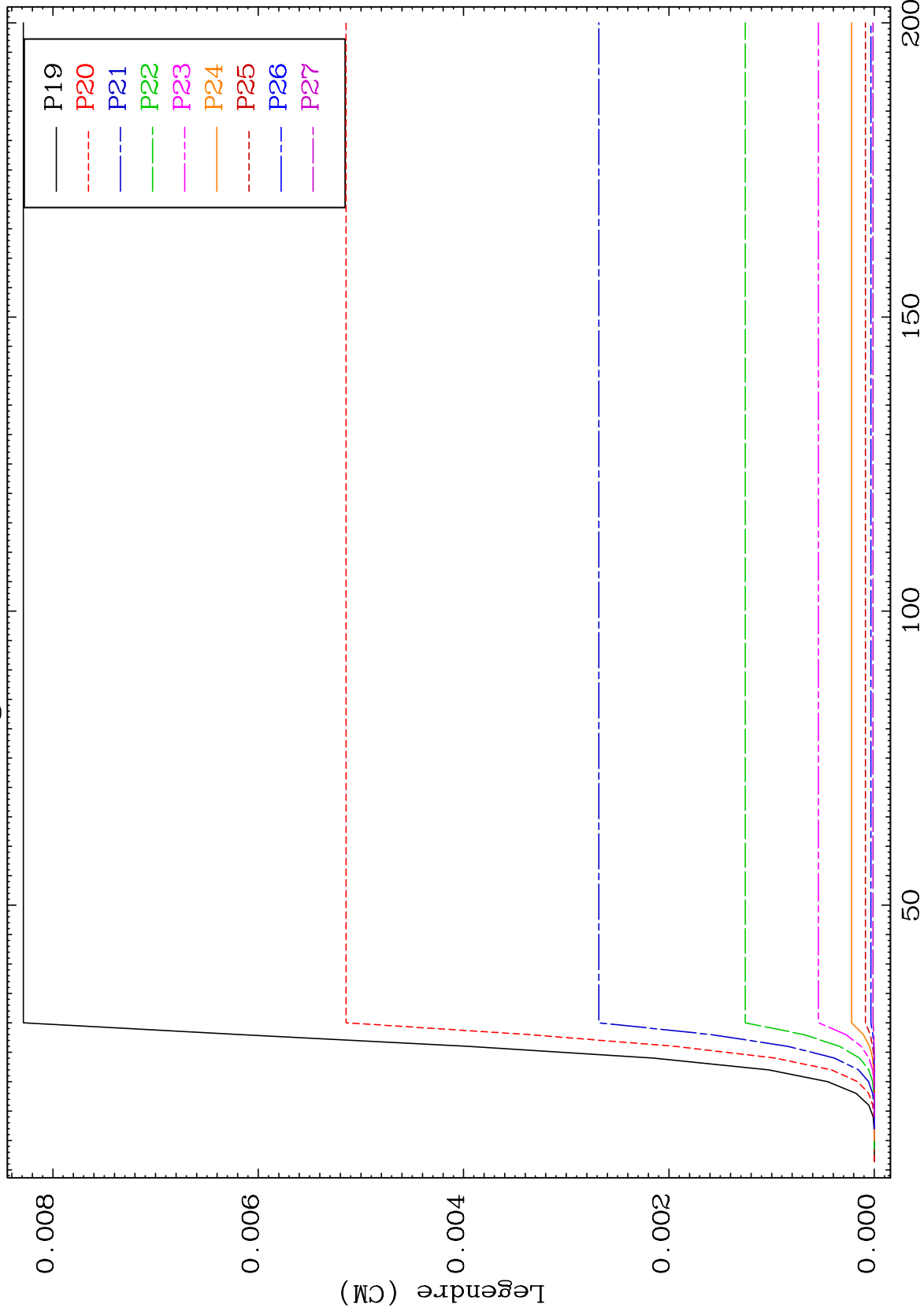
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



56

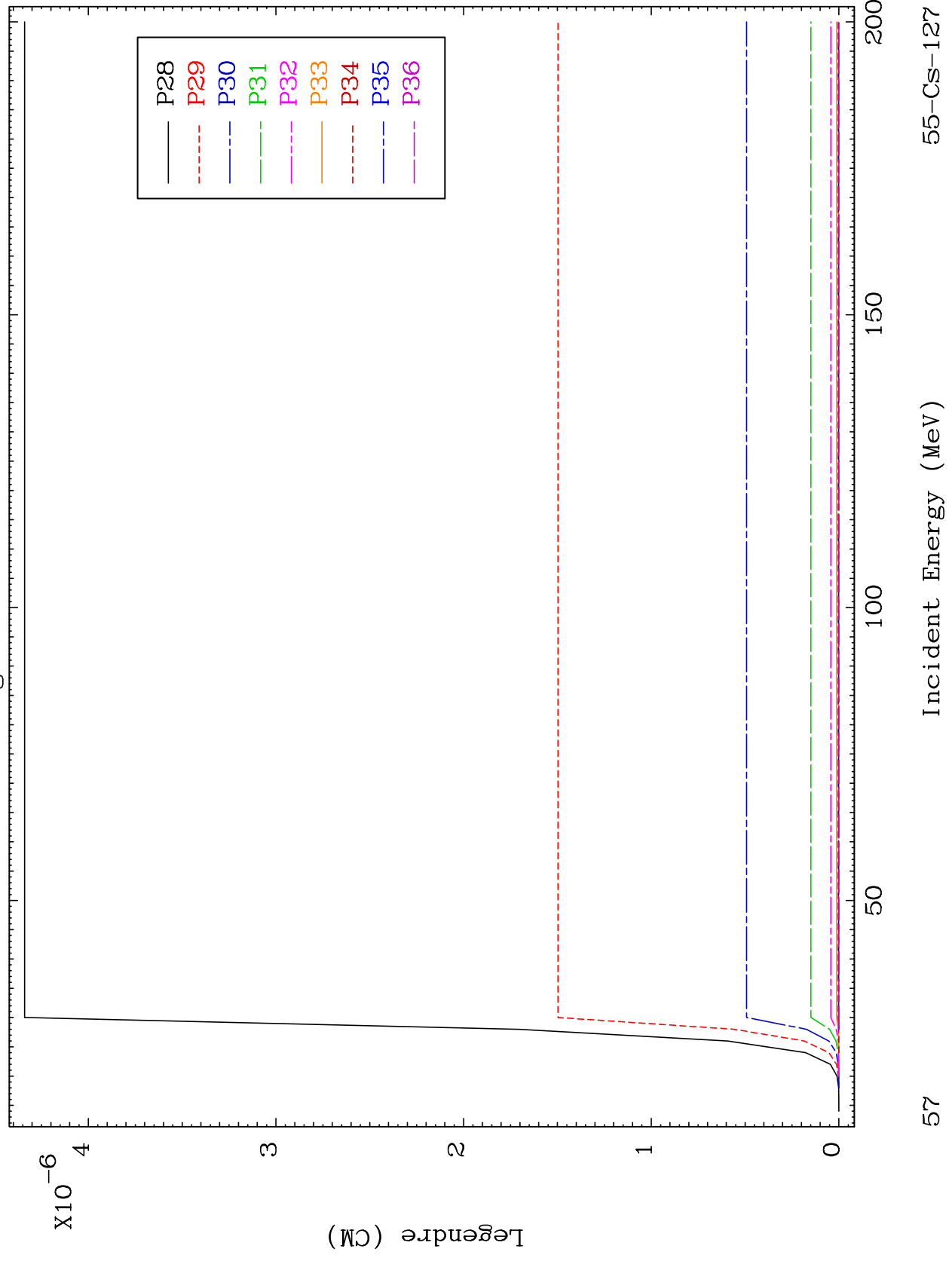
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

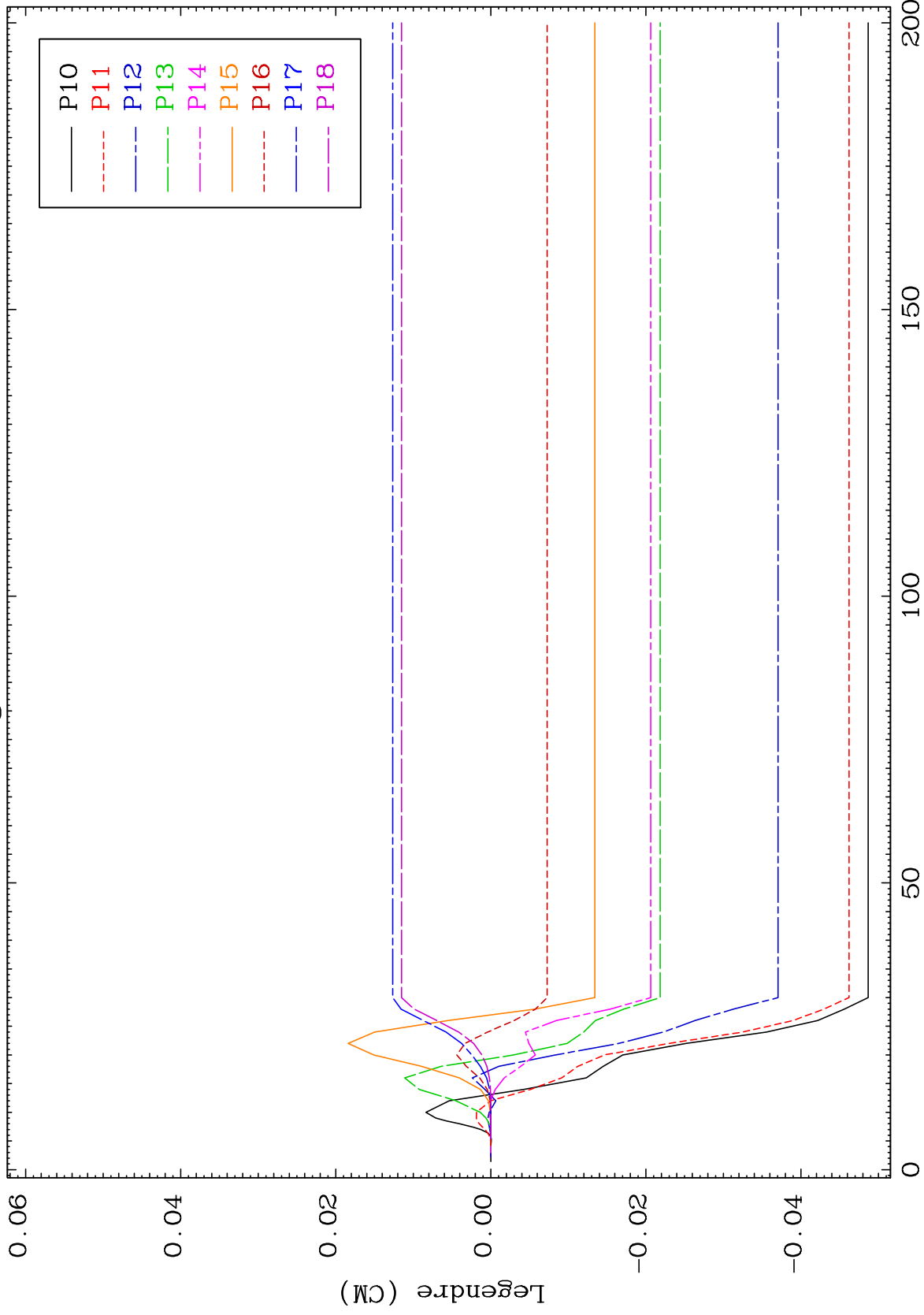
55-Cs-127



MAT 5507

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

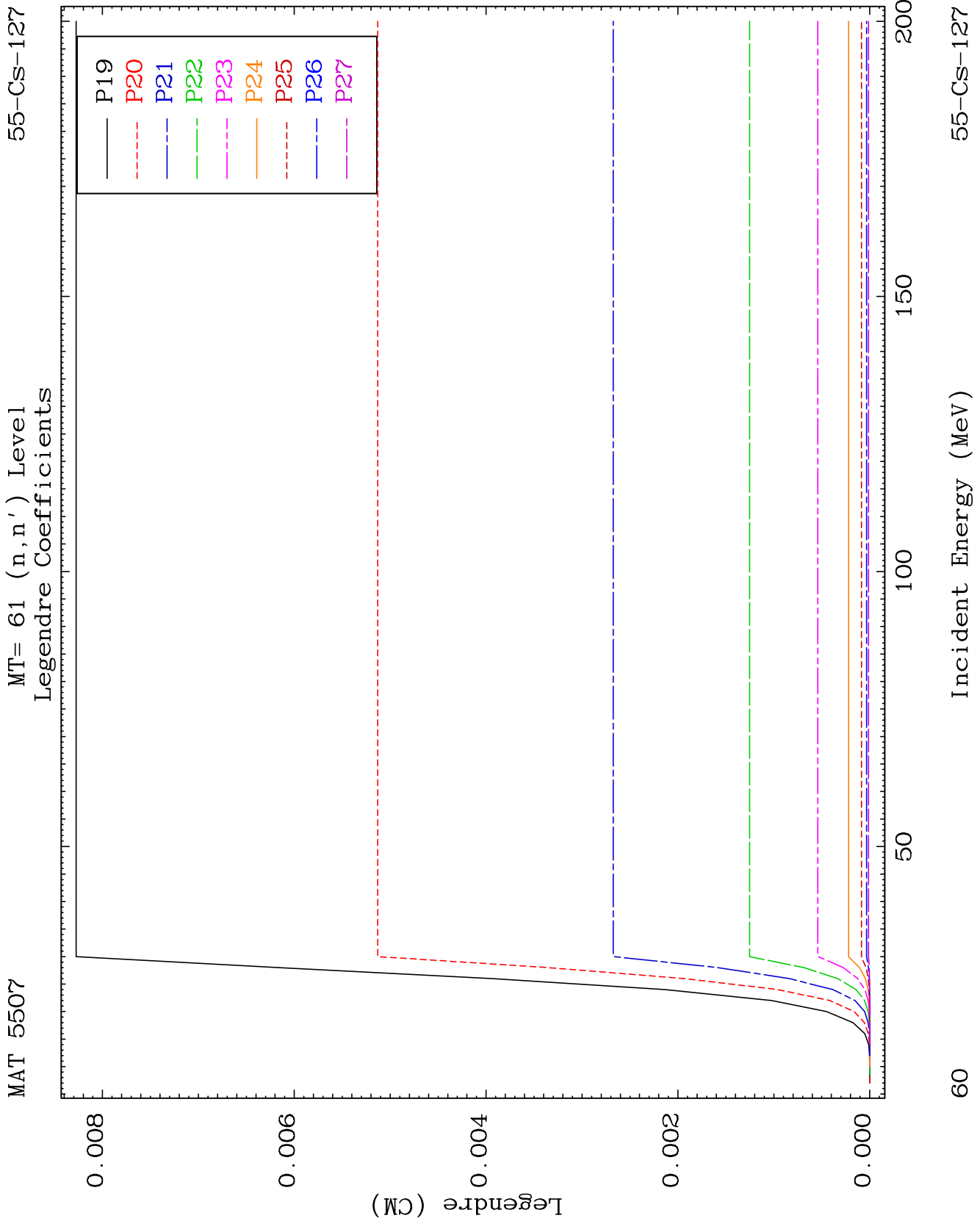
55-Cs-127



59

Incident Energy (MeV)

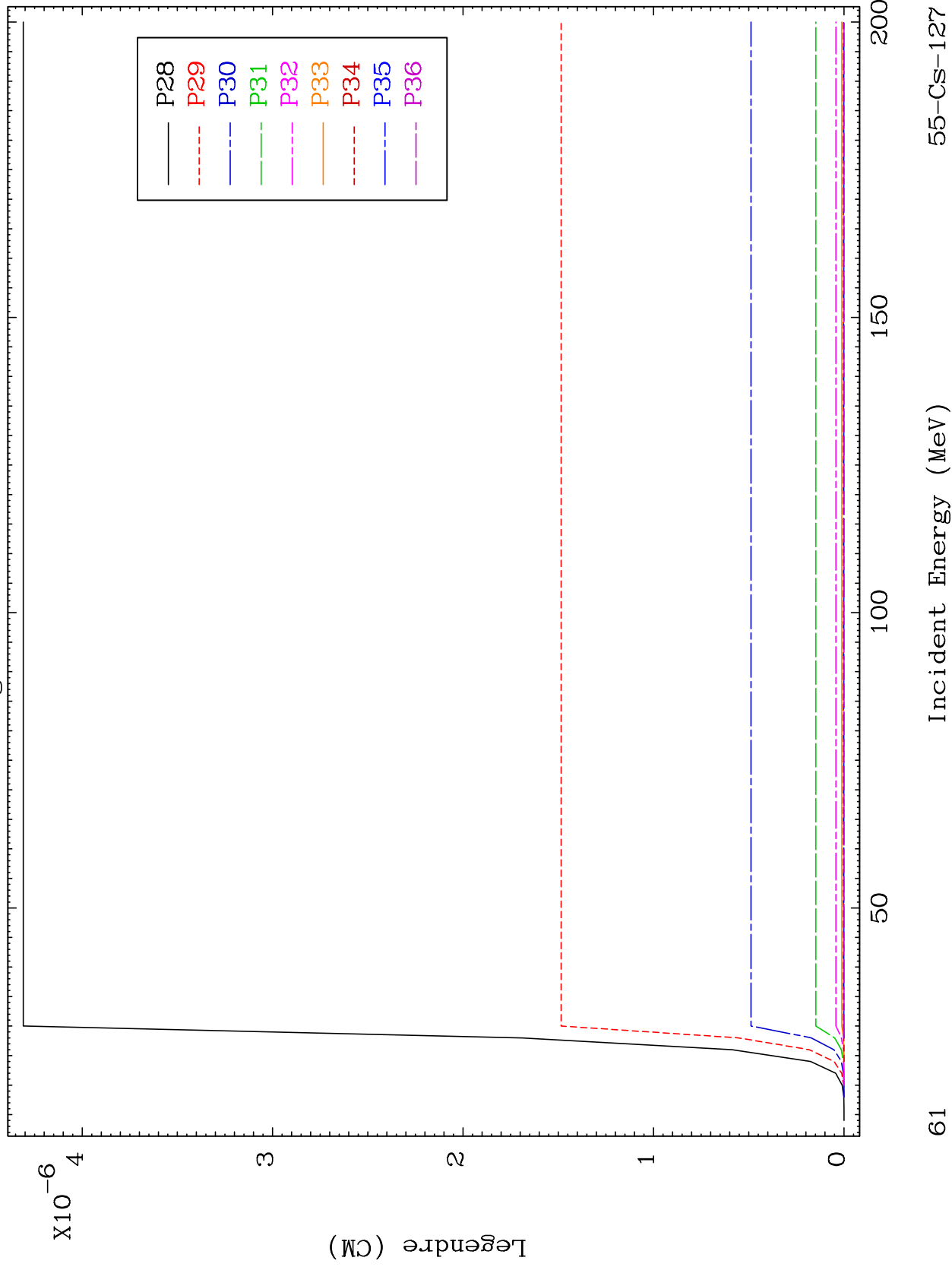
55-Cs-127



MAT 5507

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

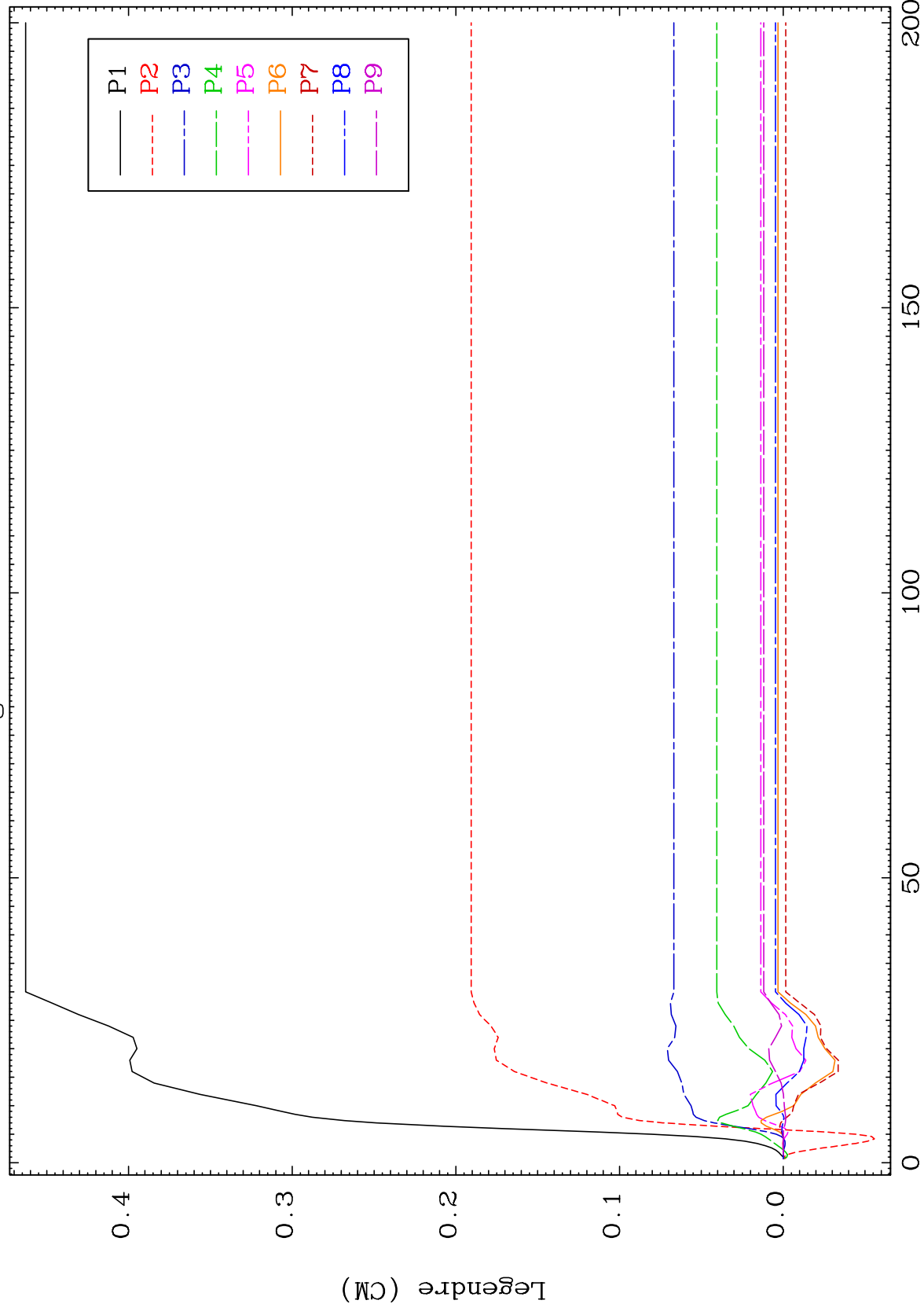
55-Cs-127



MAT 5507

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

55-Cs-127



55-Cs-127

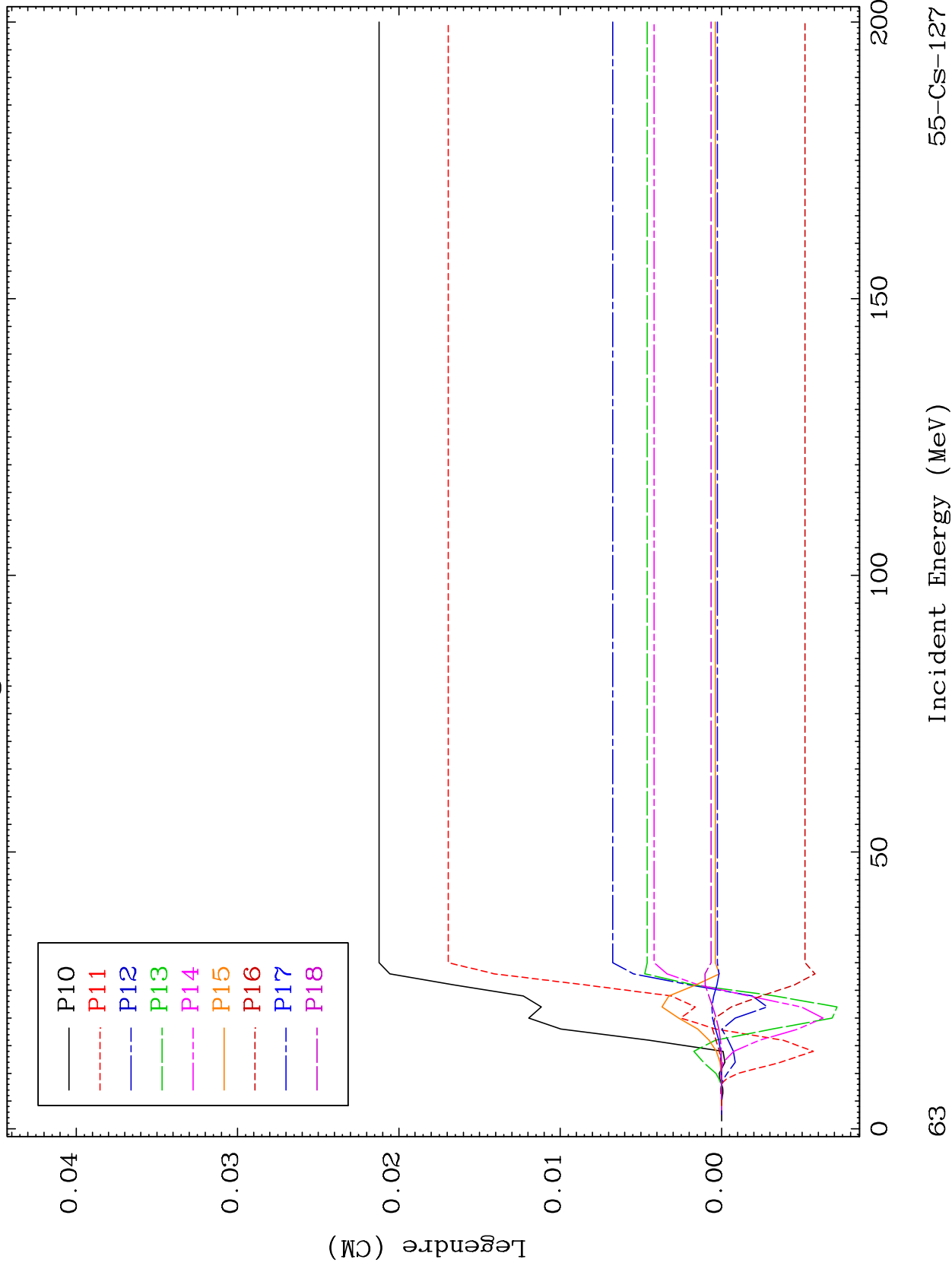
Incident Energy (MeV)

62

MAT 5507

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

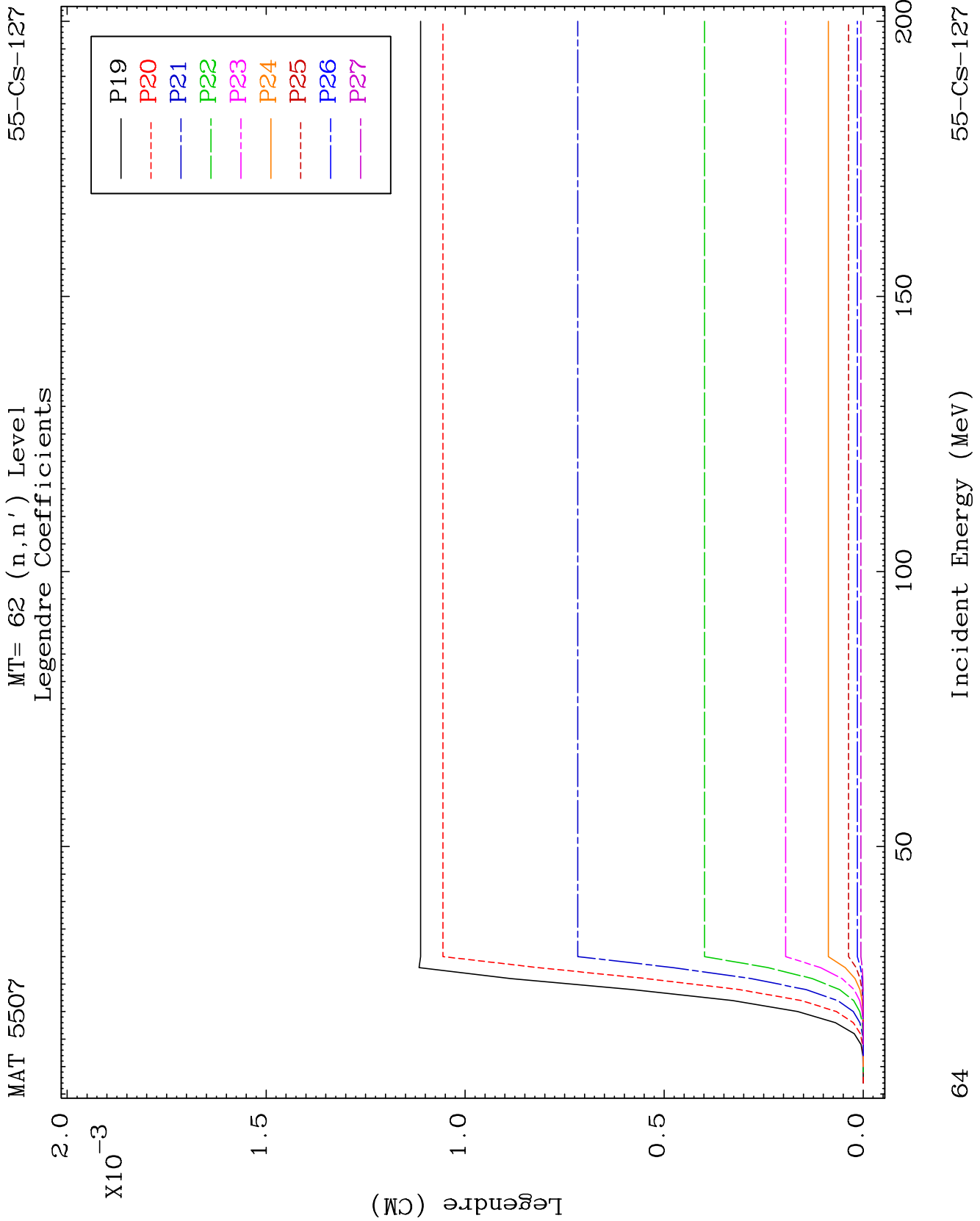
55-Cs-127



55-Cs-127

Incident Energy (MeV)

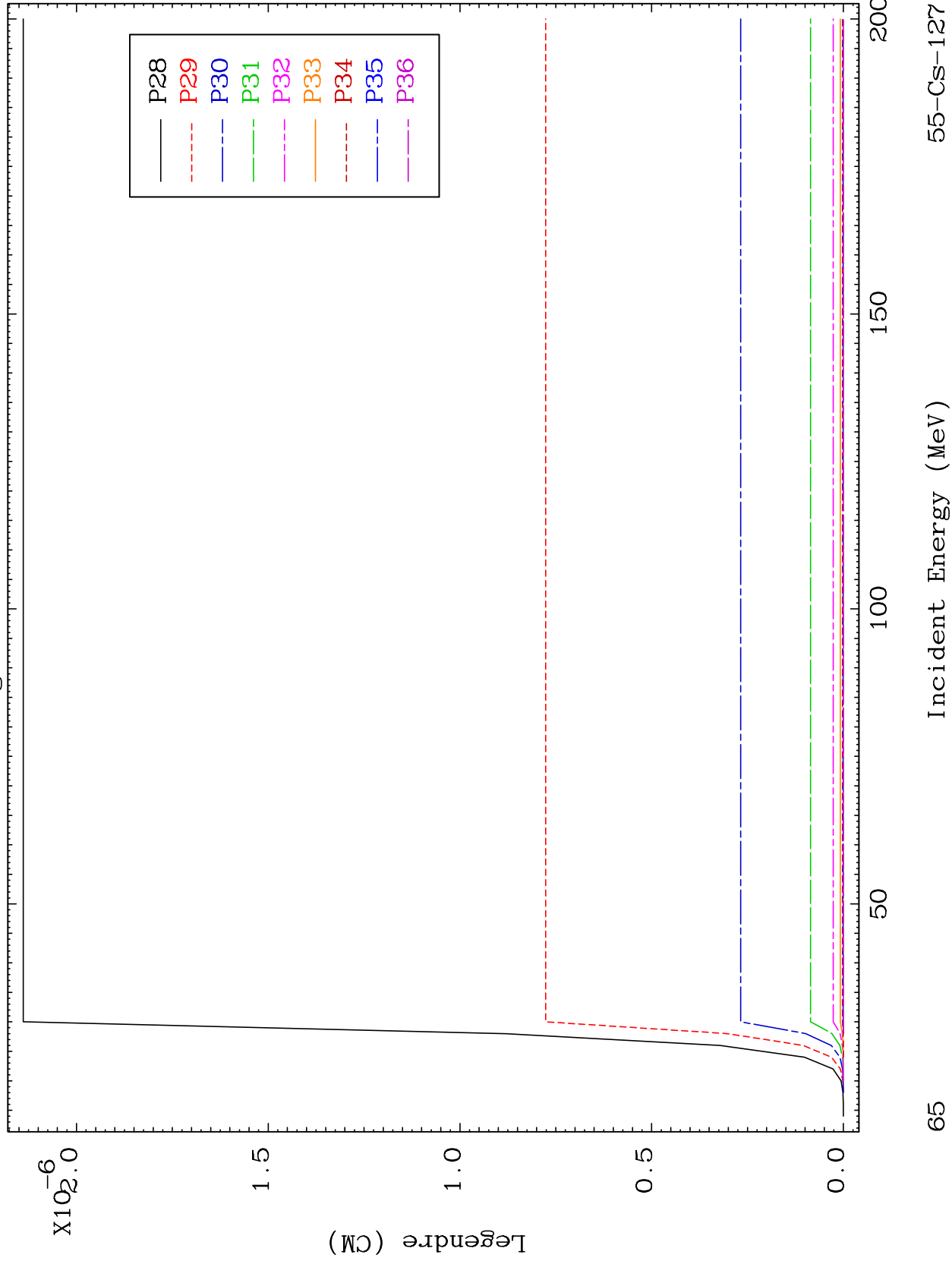
63



MAT 5507

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

55-Cs-127



55-Cs-127

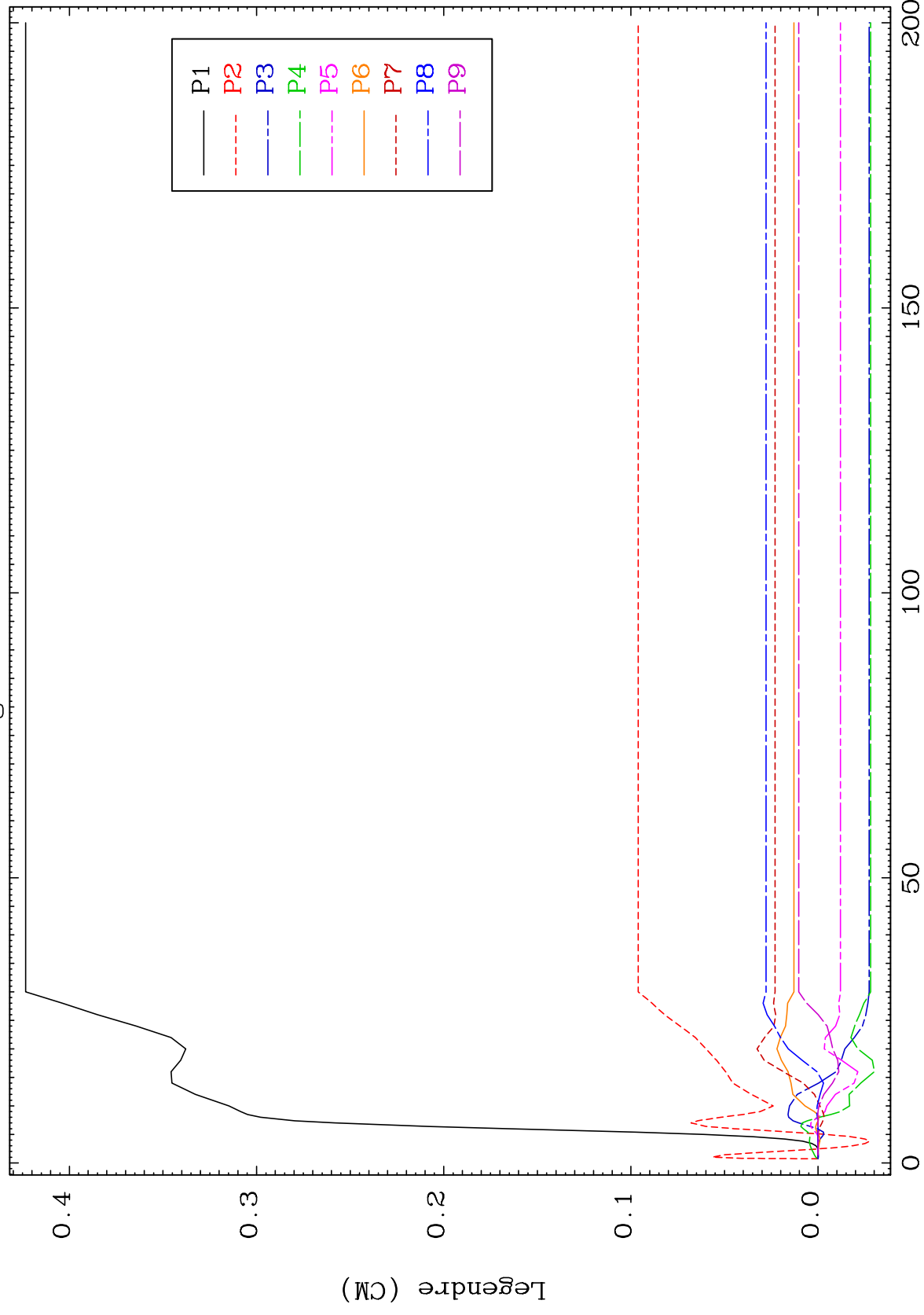
Incident Energy (MeV)

65

MAT 5507

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

55-Cs-127



66

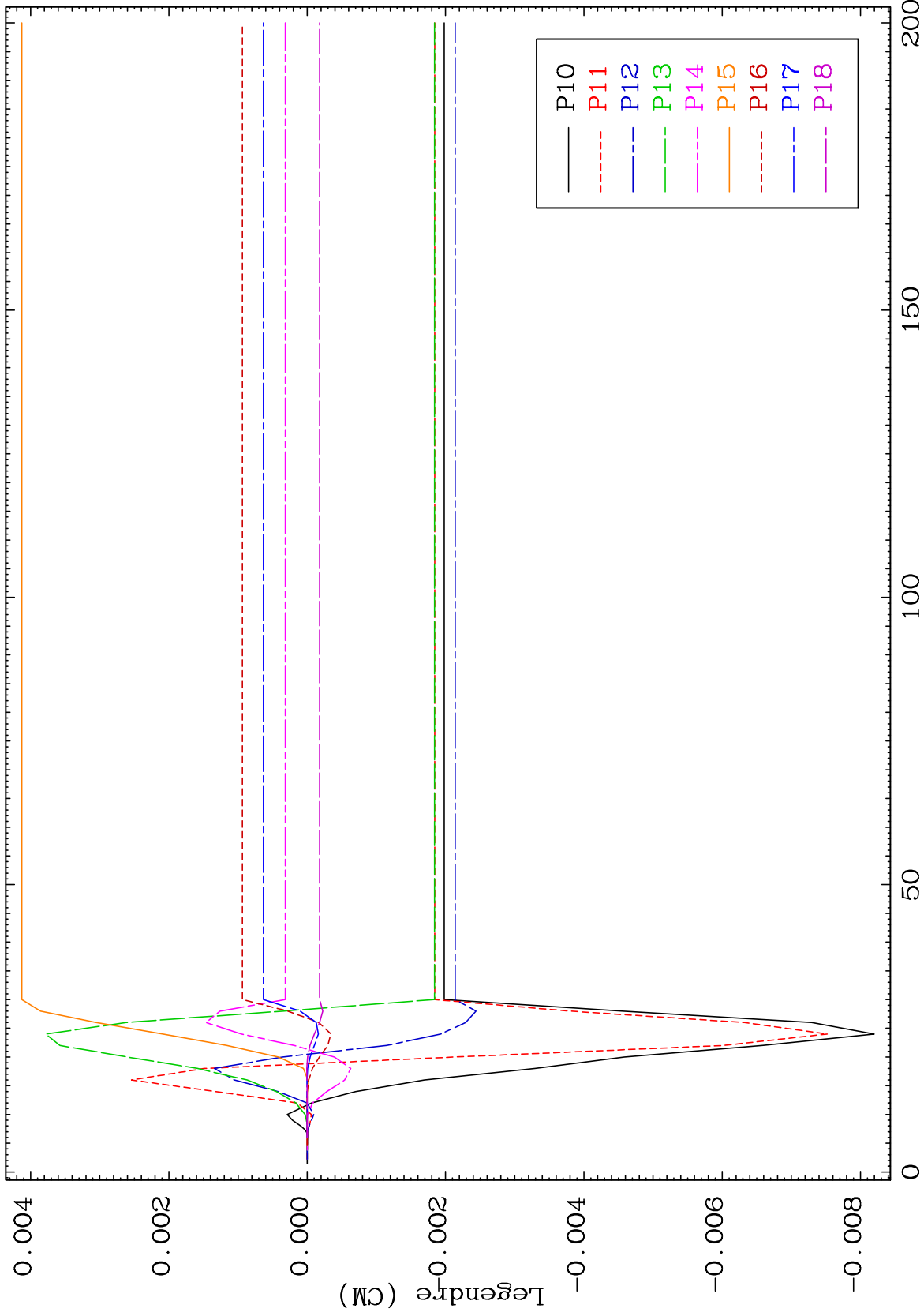
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

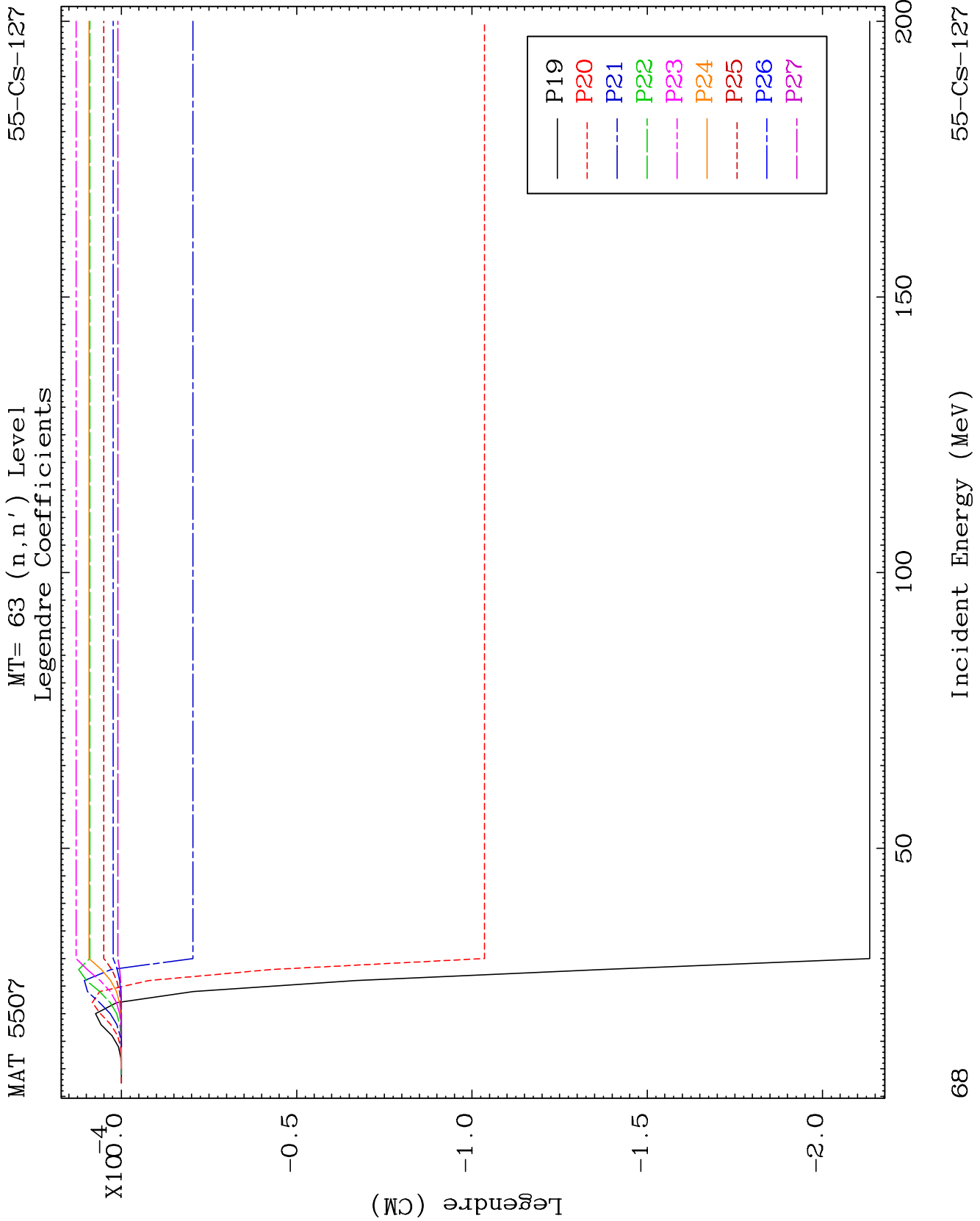
55-Cs-127



67

Incident Energy (MeV)

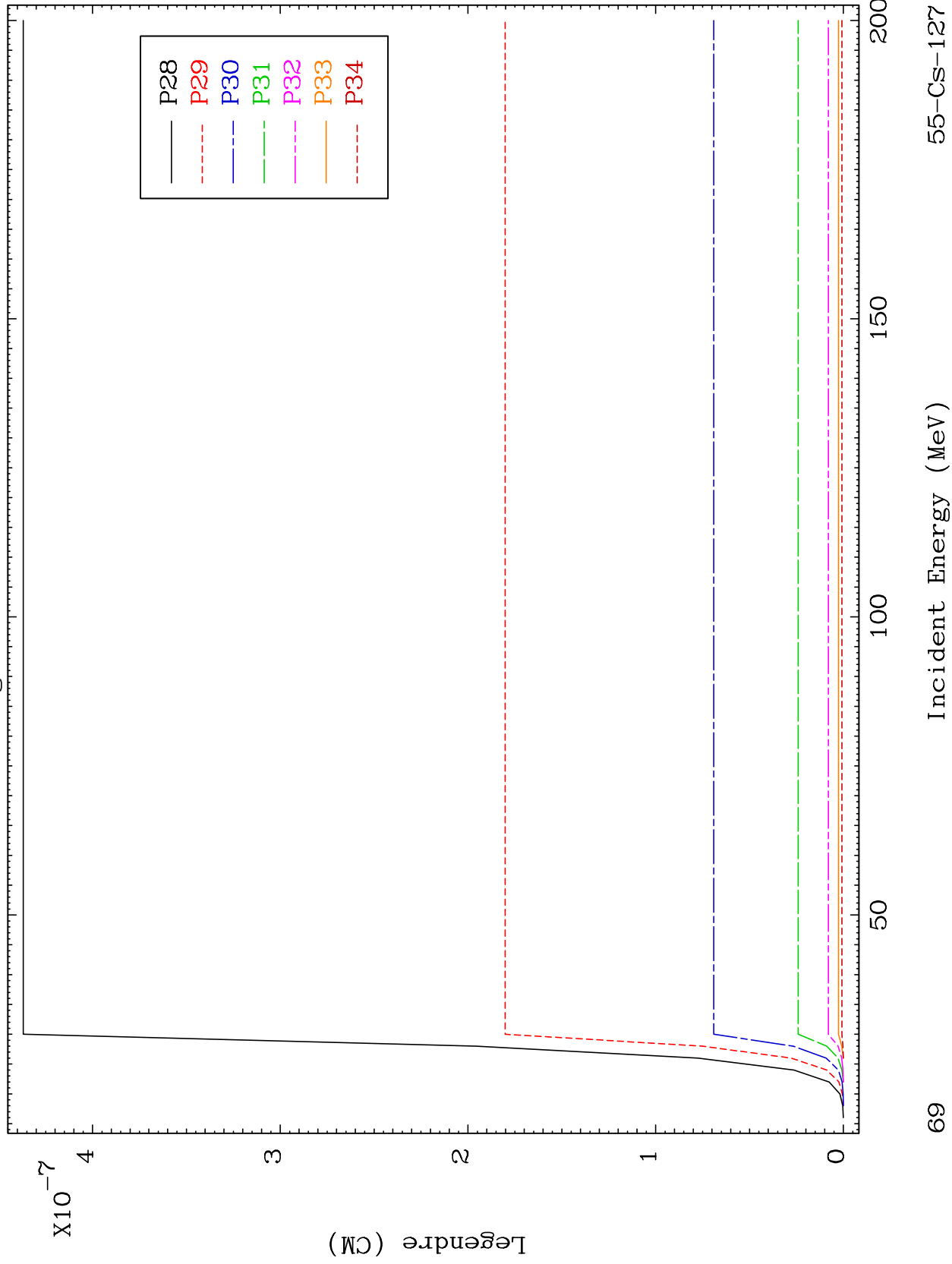
55-Cs-127



MAT 5507

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

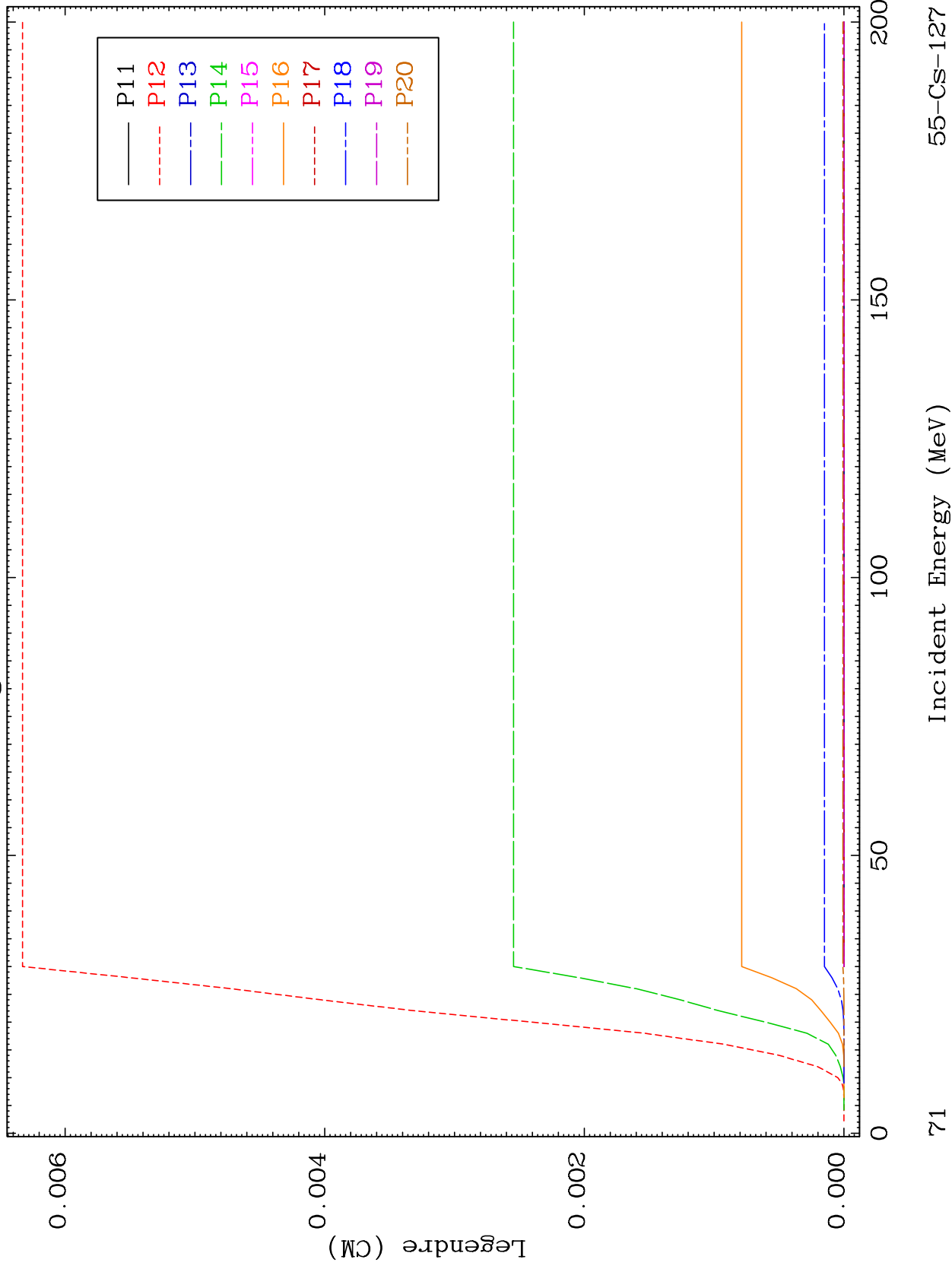
55-Cs-127

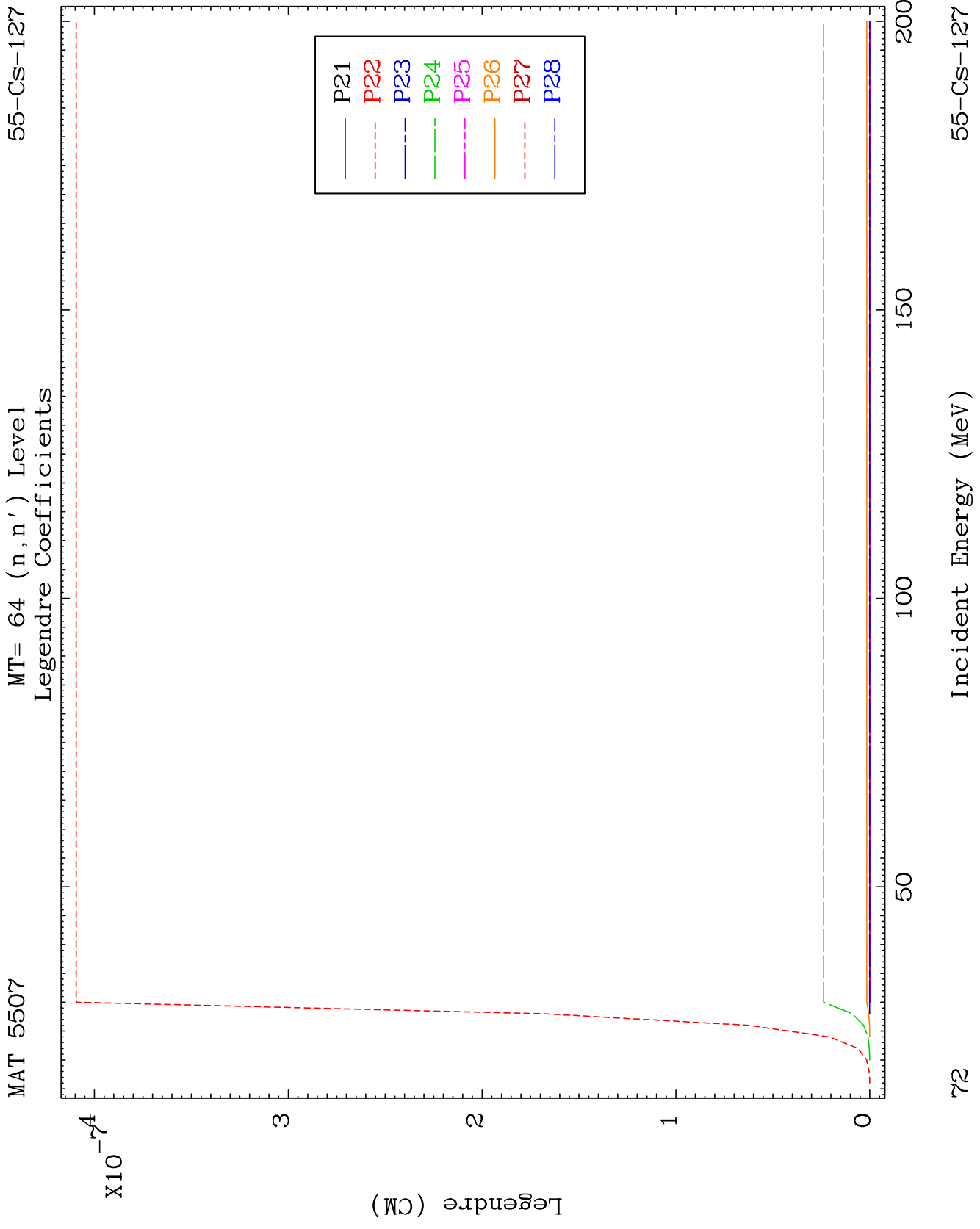


MAT 5507

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

55-Cs-127

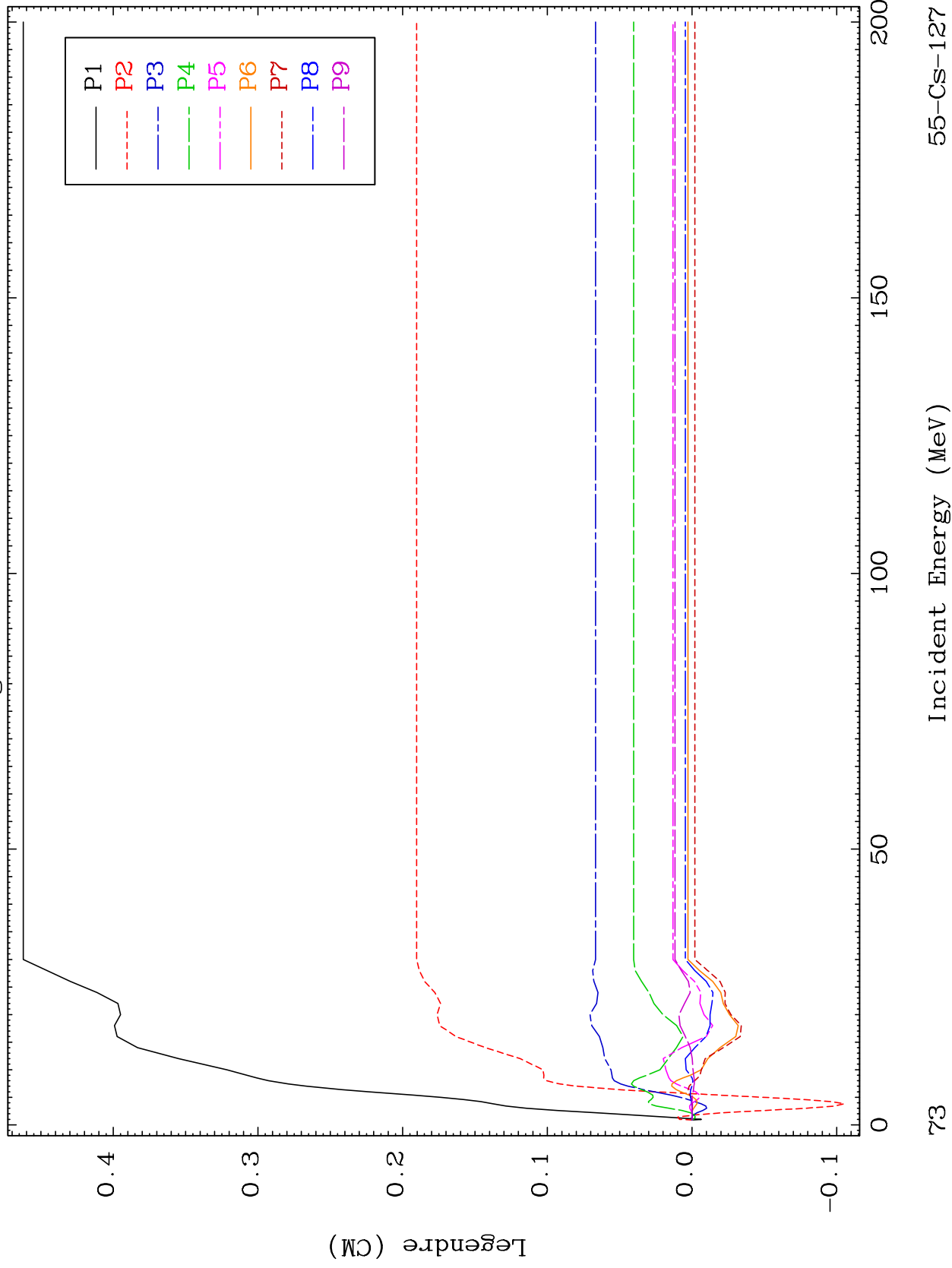




MAT 5507

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

55-Cs-127



73

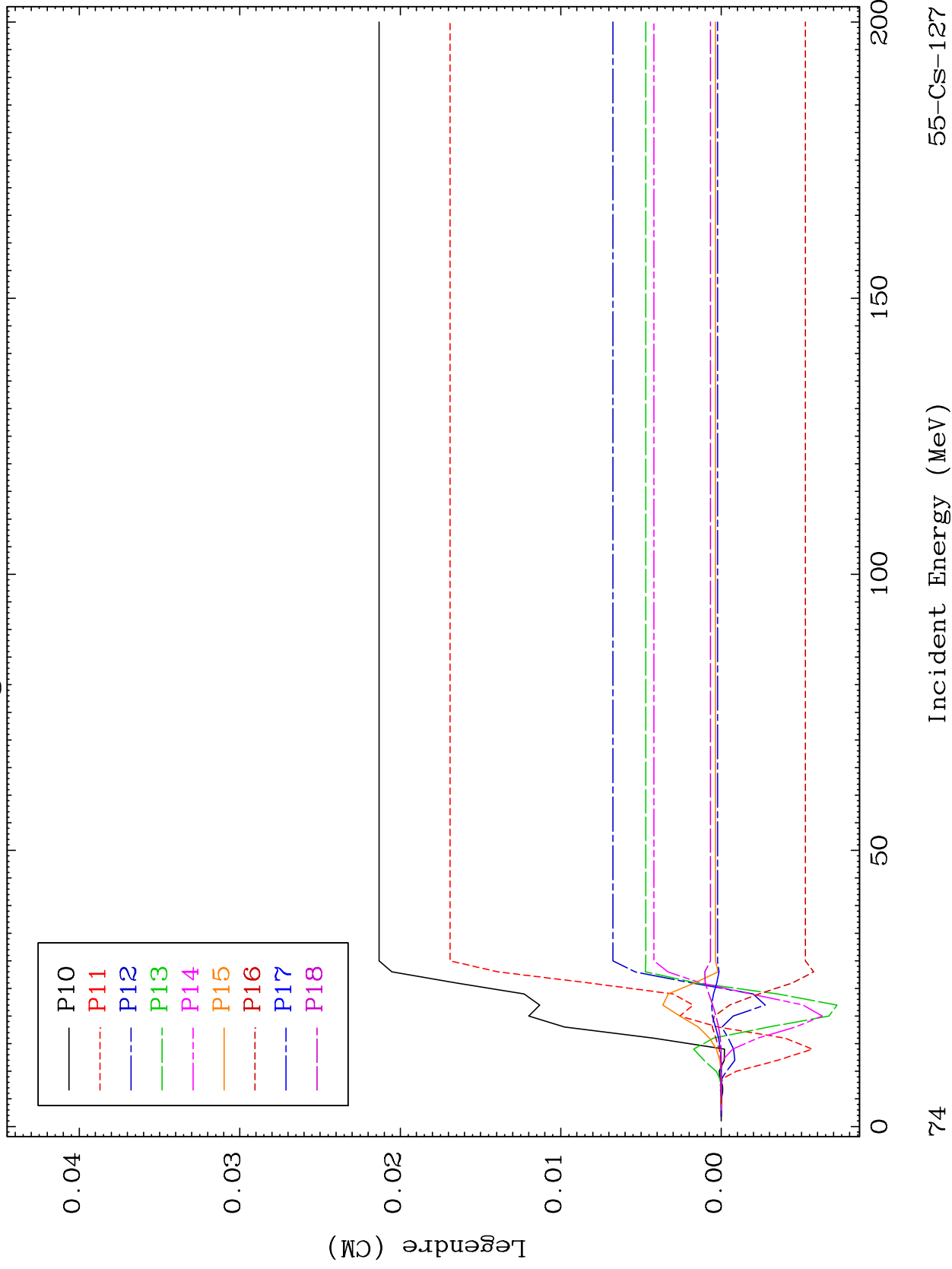
Incident Energy (MeV)

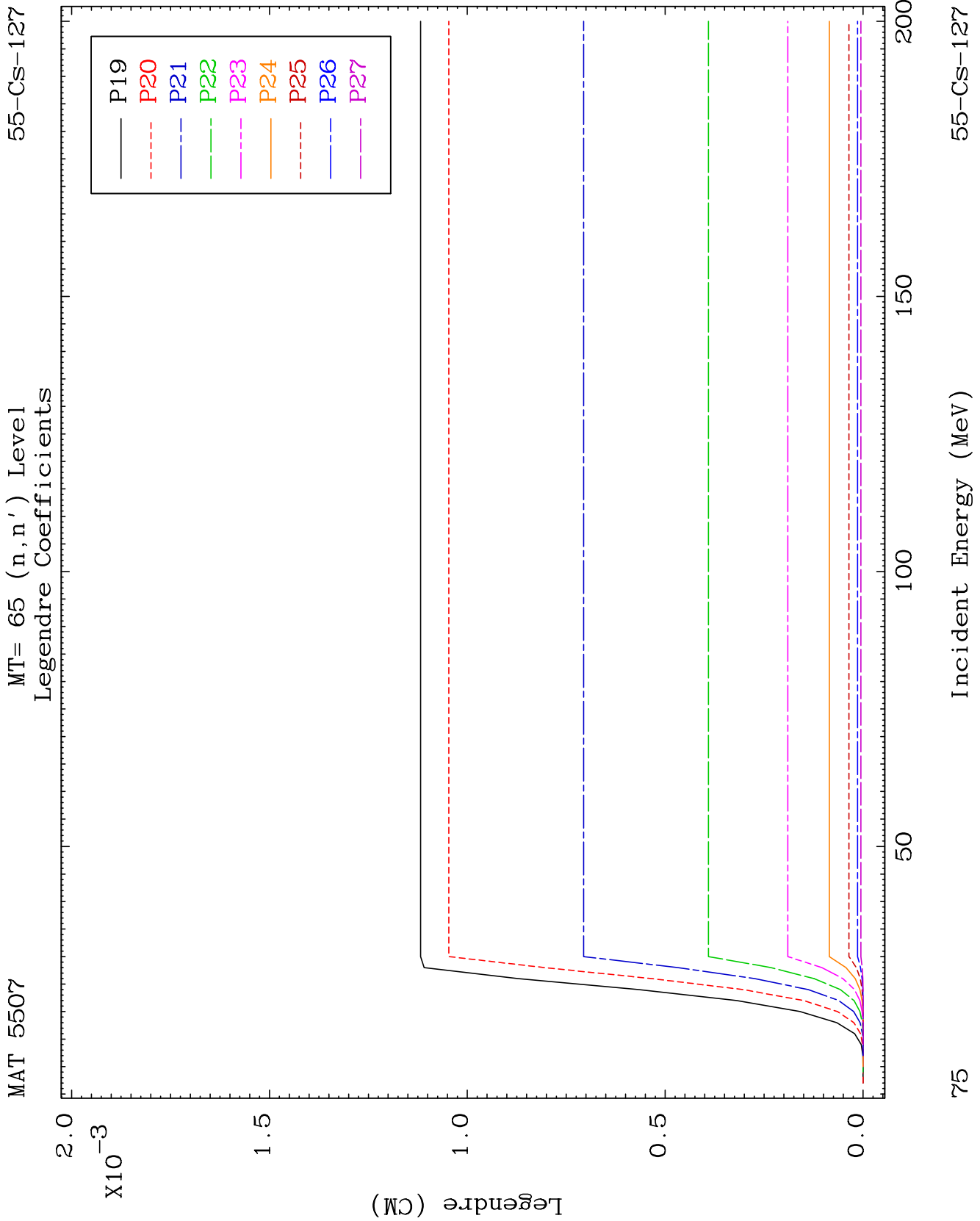
55-Cs-127

MAT 5507

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

55-Cs-127

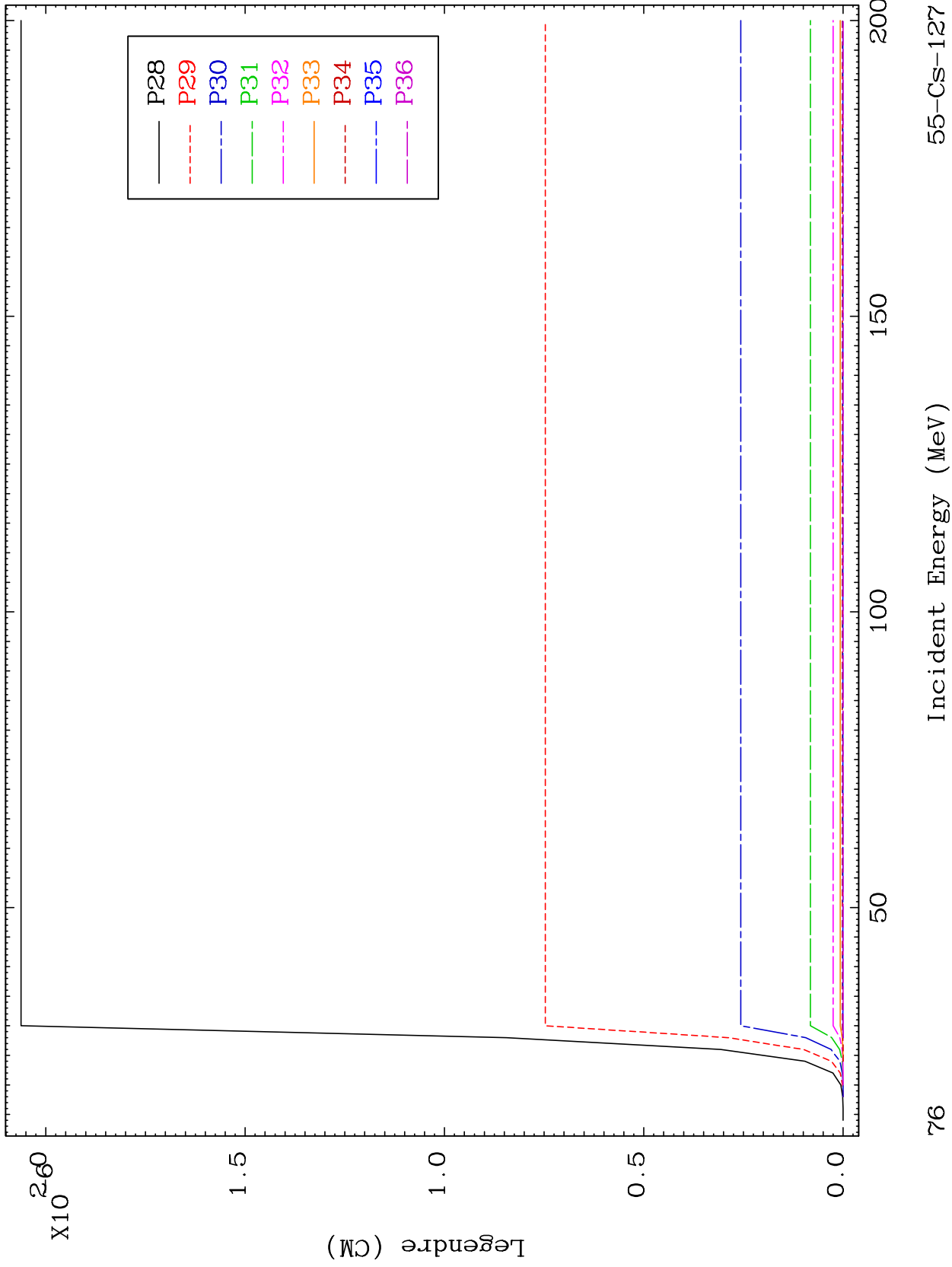


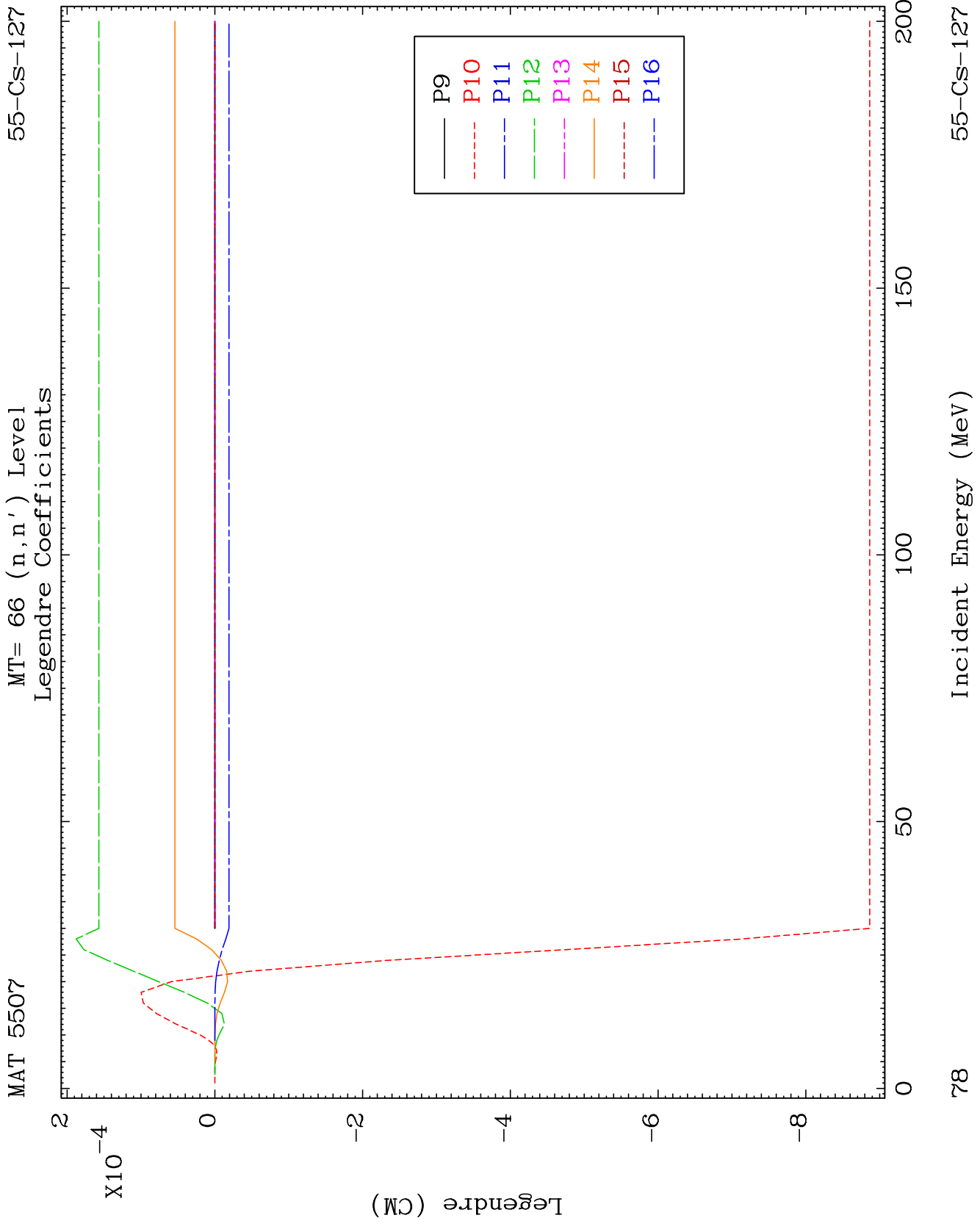


MAT 5507

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

55-Cs-127

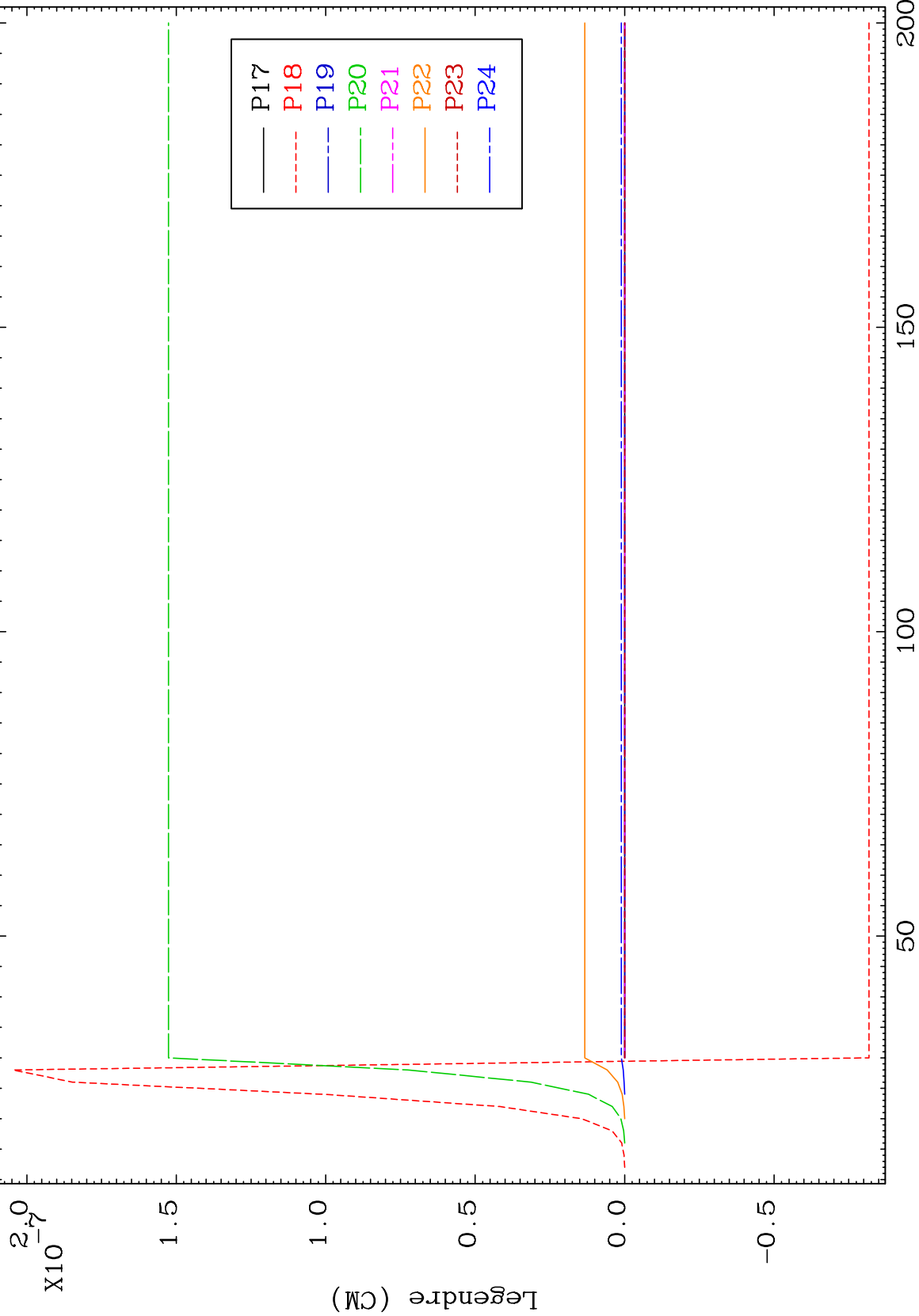




MAT 5507

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

55-Cs-127



79

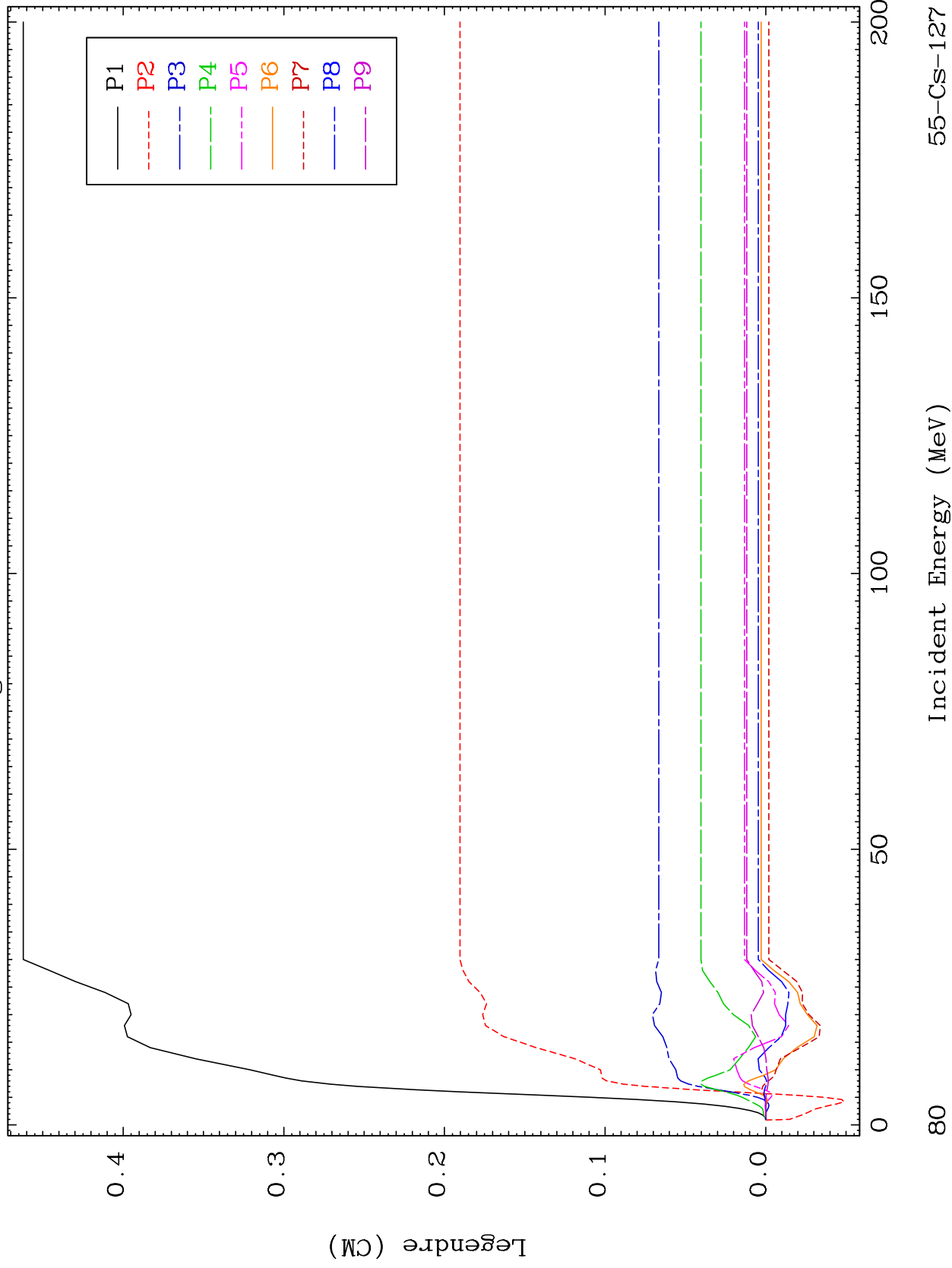
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

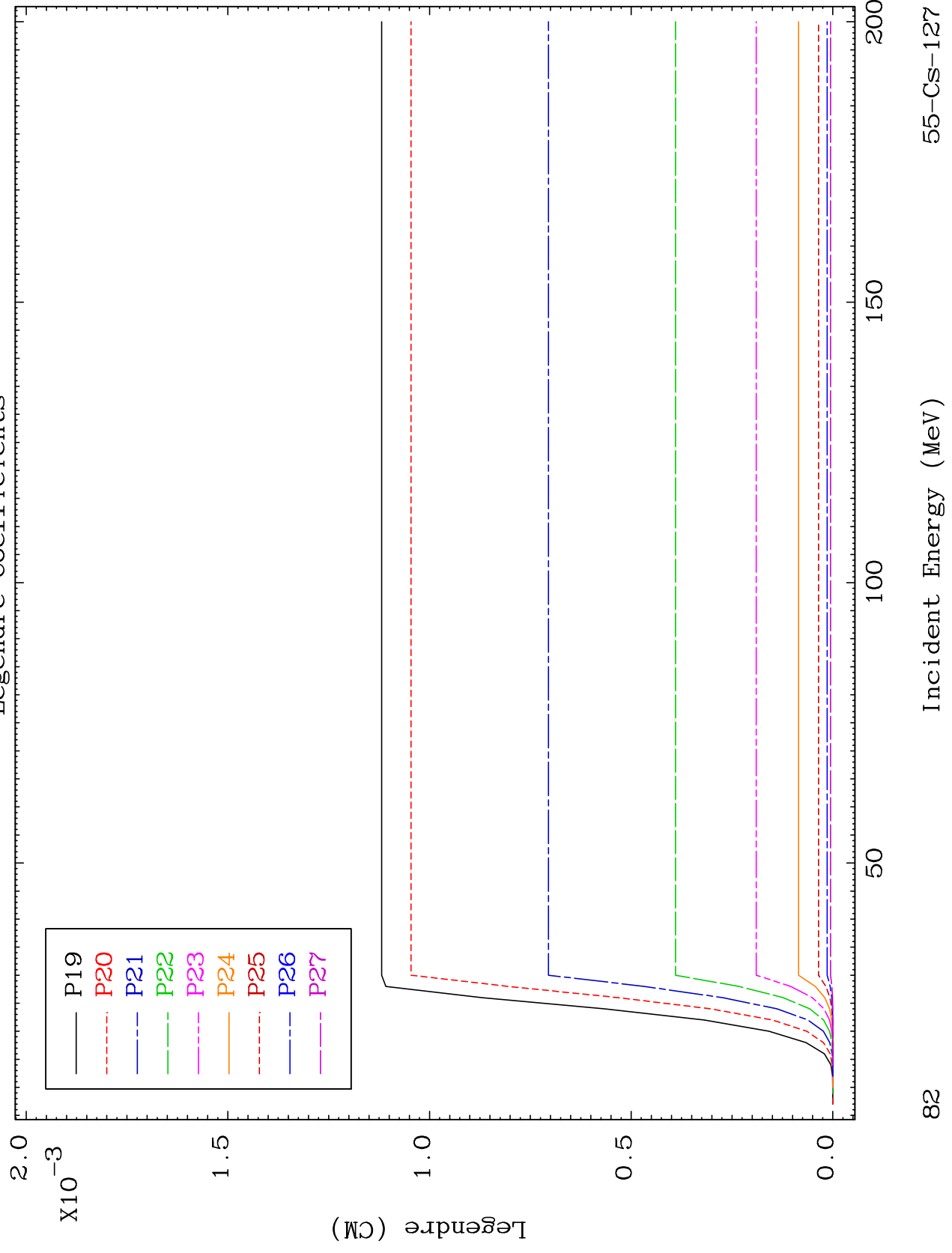
Incident Energy (MeV)

80

MAT 5507

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

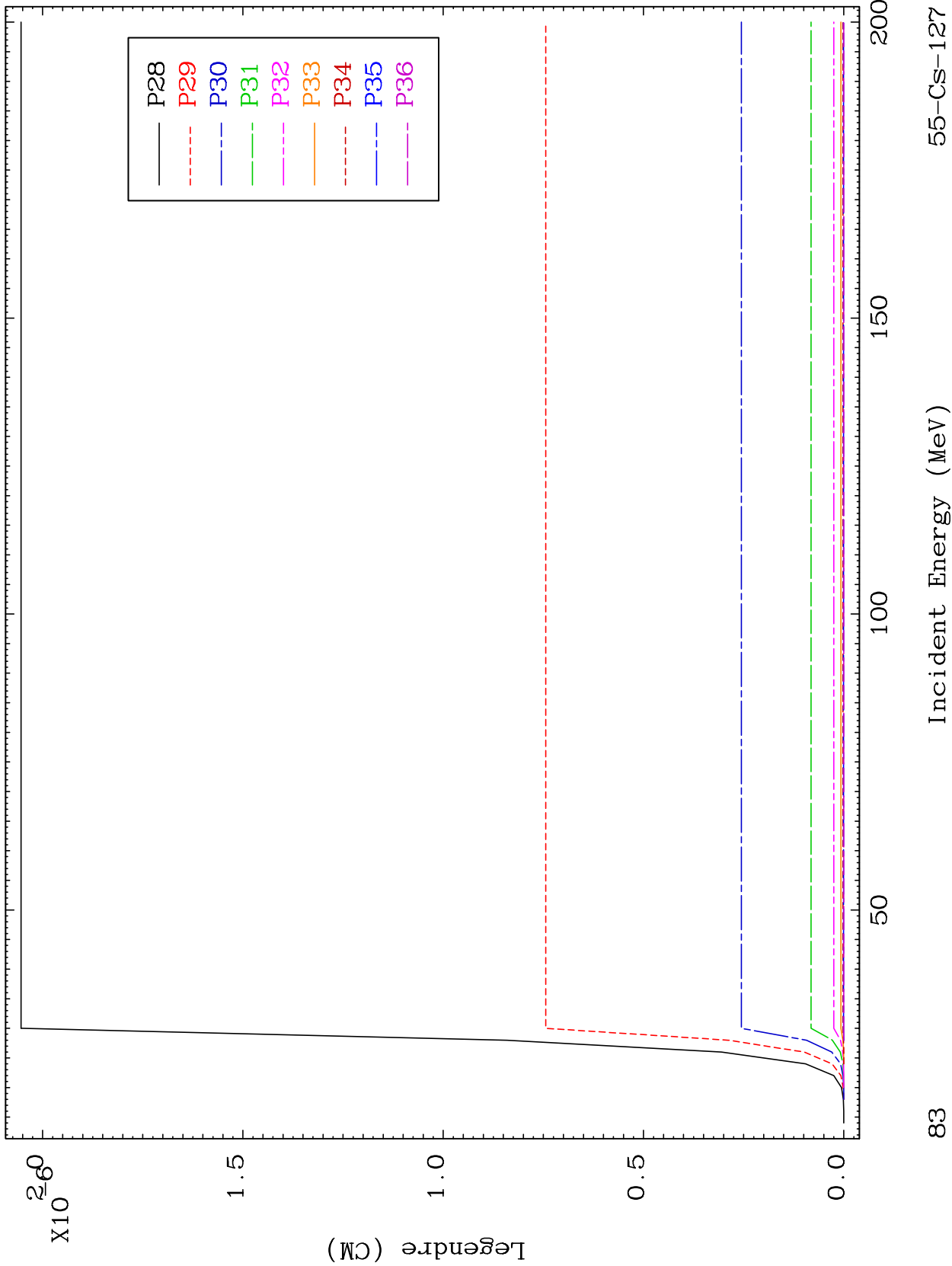
55-Cs-127



MAT 5507

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

55-Cs-127



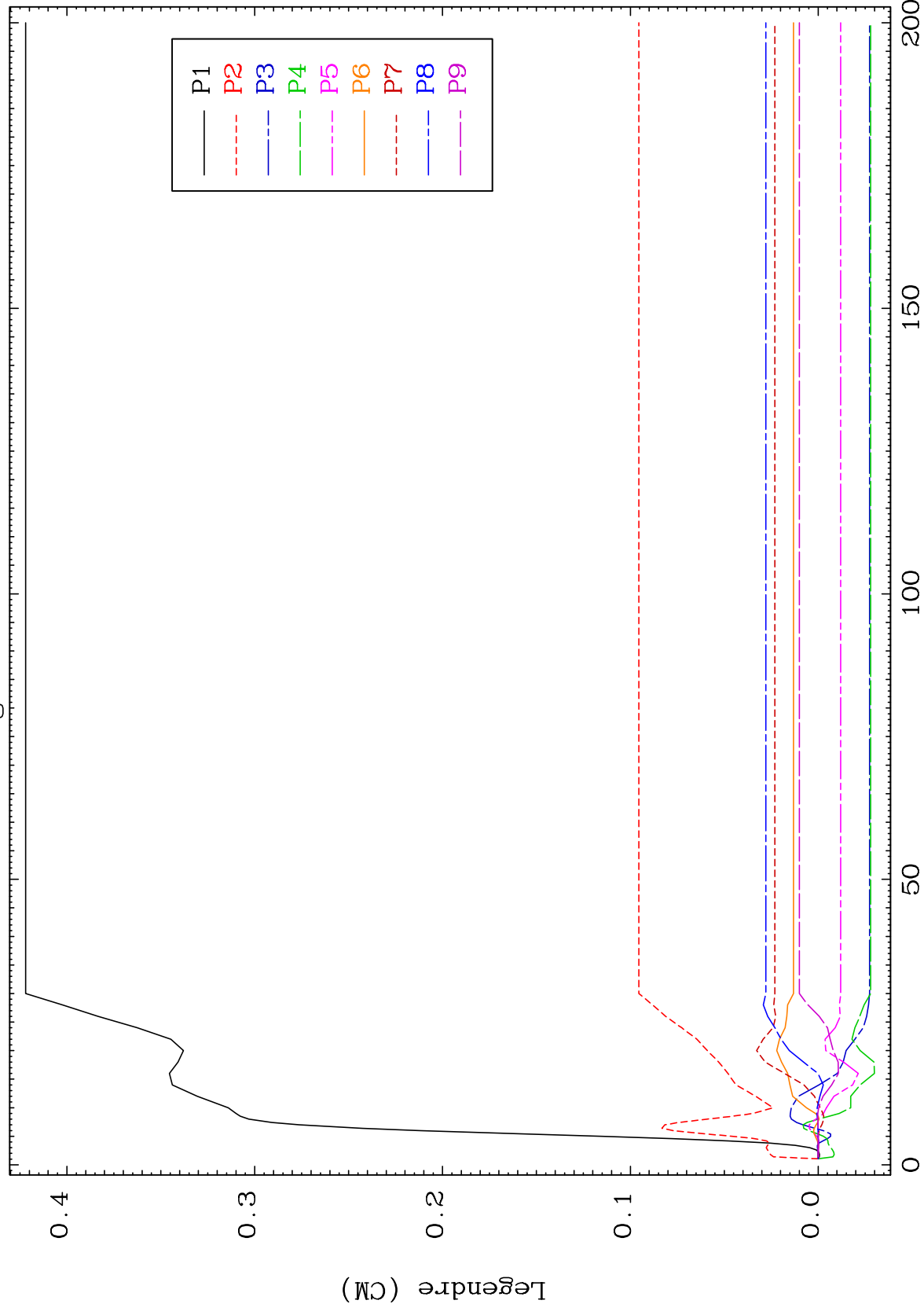
83

55-Cs-127

MAT 5507

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

55-Cs-127



84

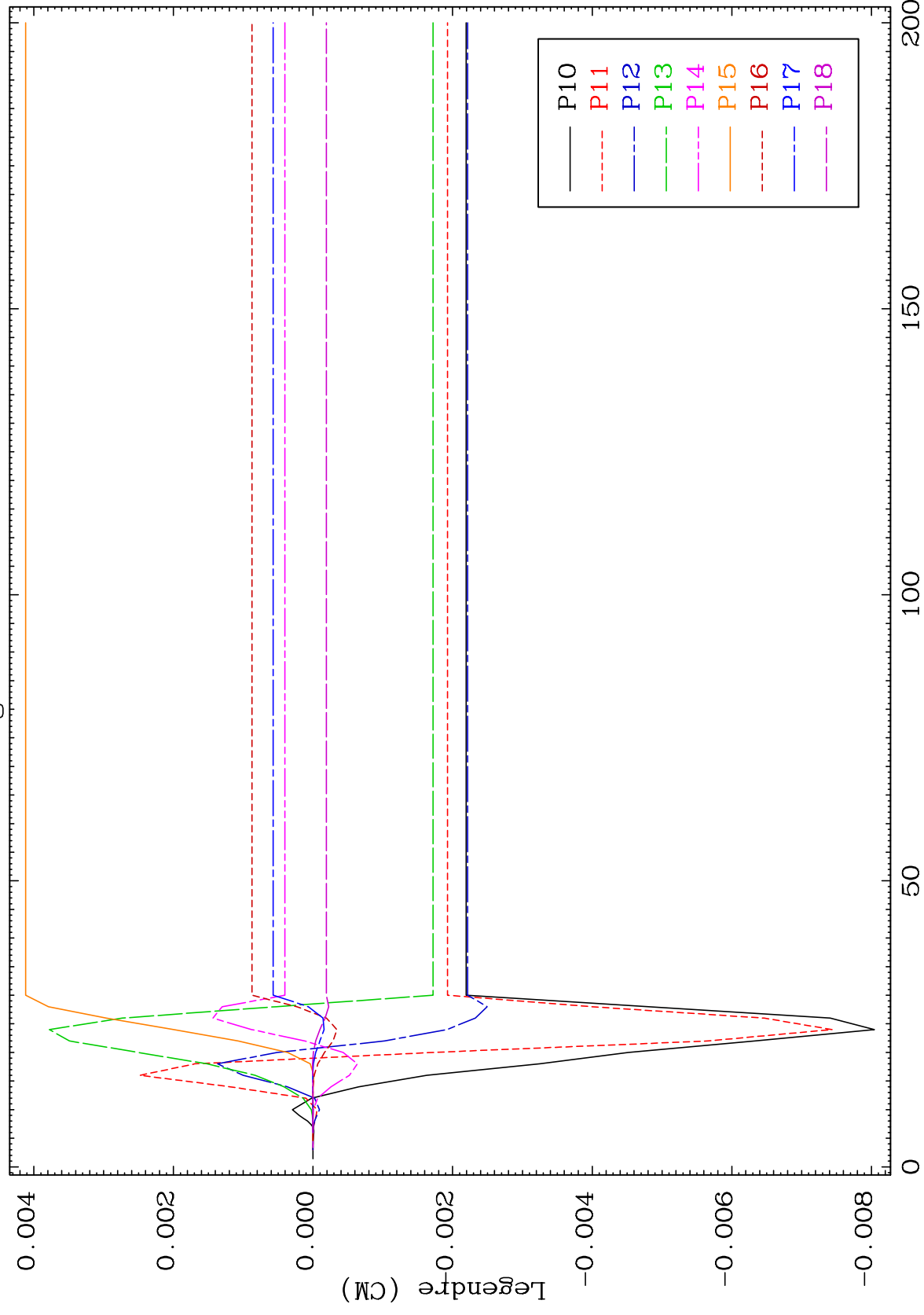
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

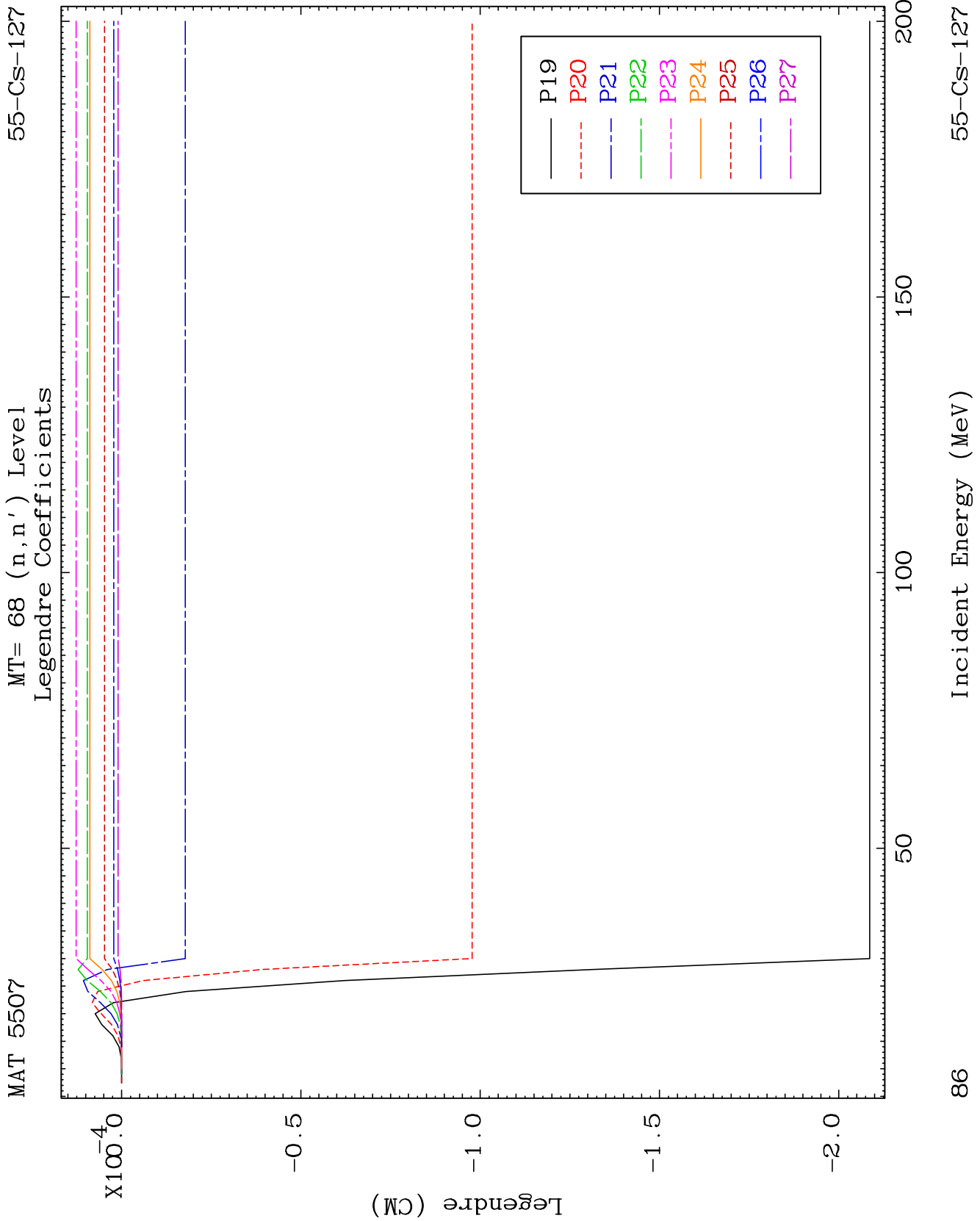
55-Cs-127



85

Incident Energy (MeV)

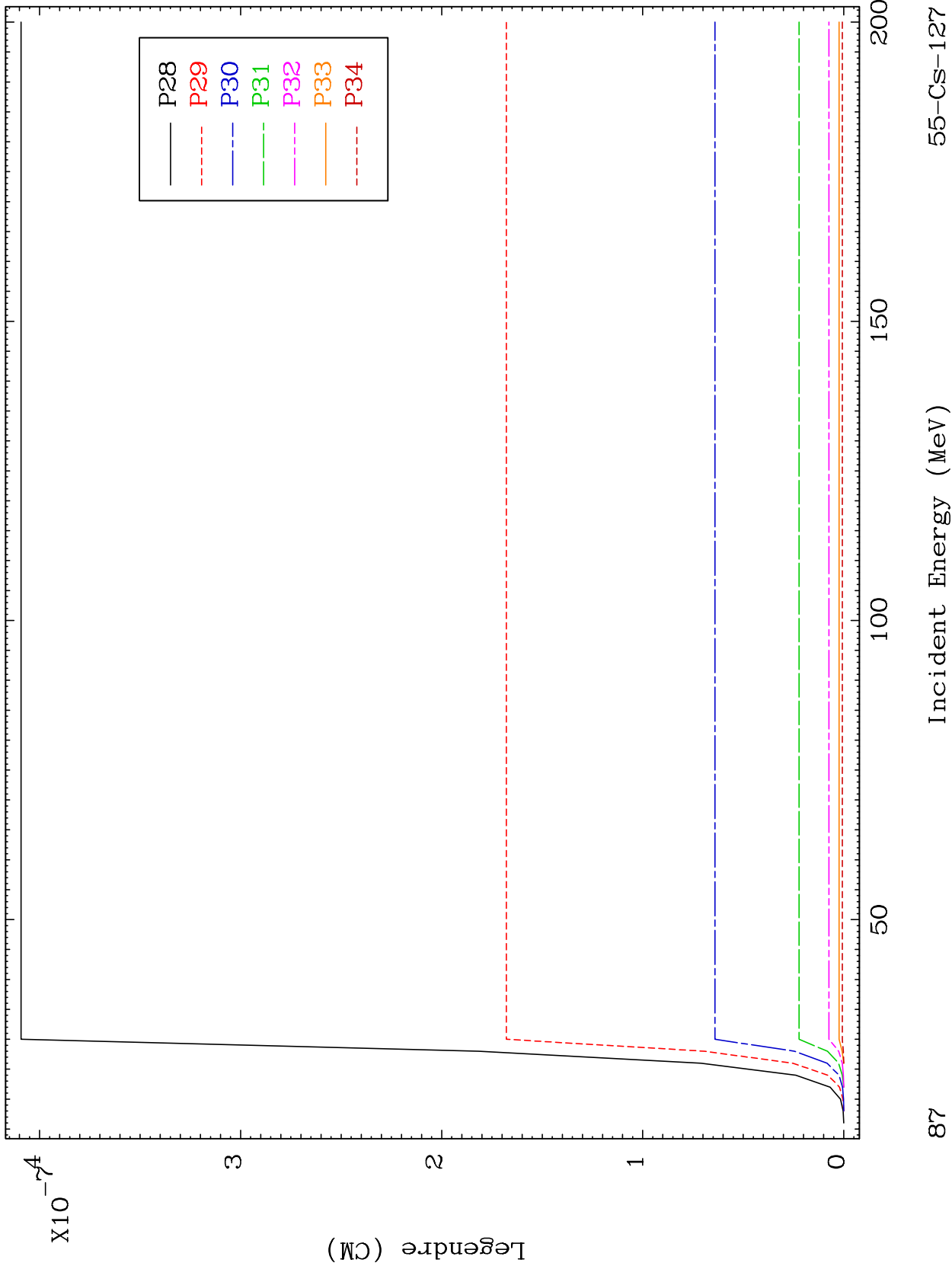
55-Cs-127



MAT 5507

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

55-Cs-127



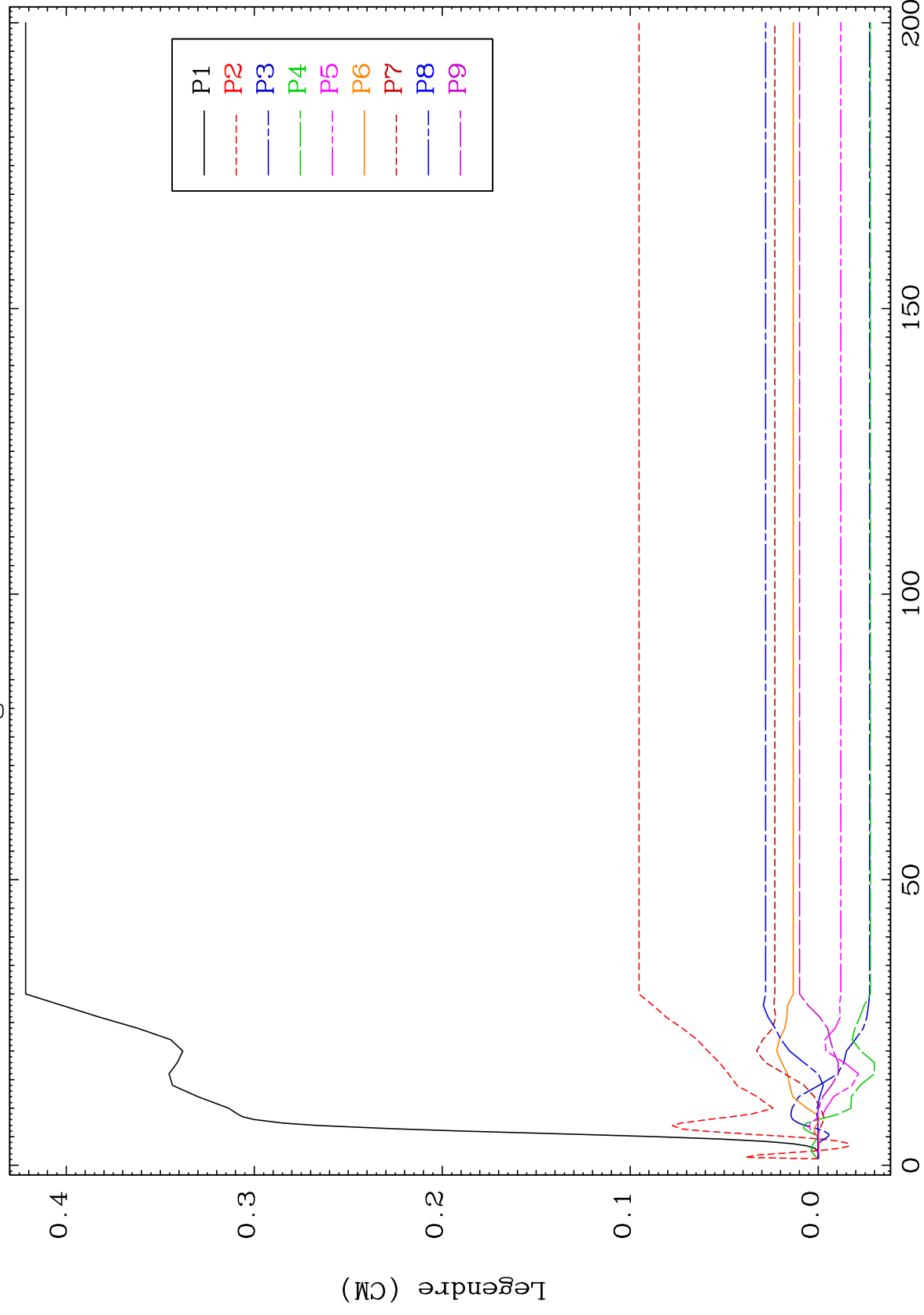
87

55-Cs-127

MAT 5507

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

55-Cs-127



88

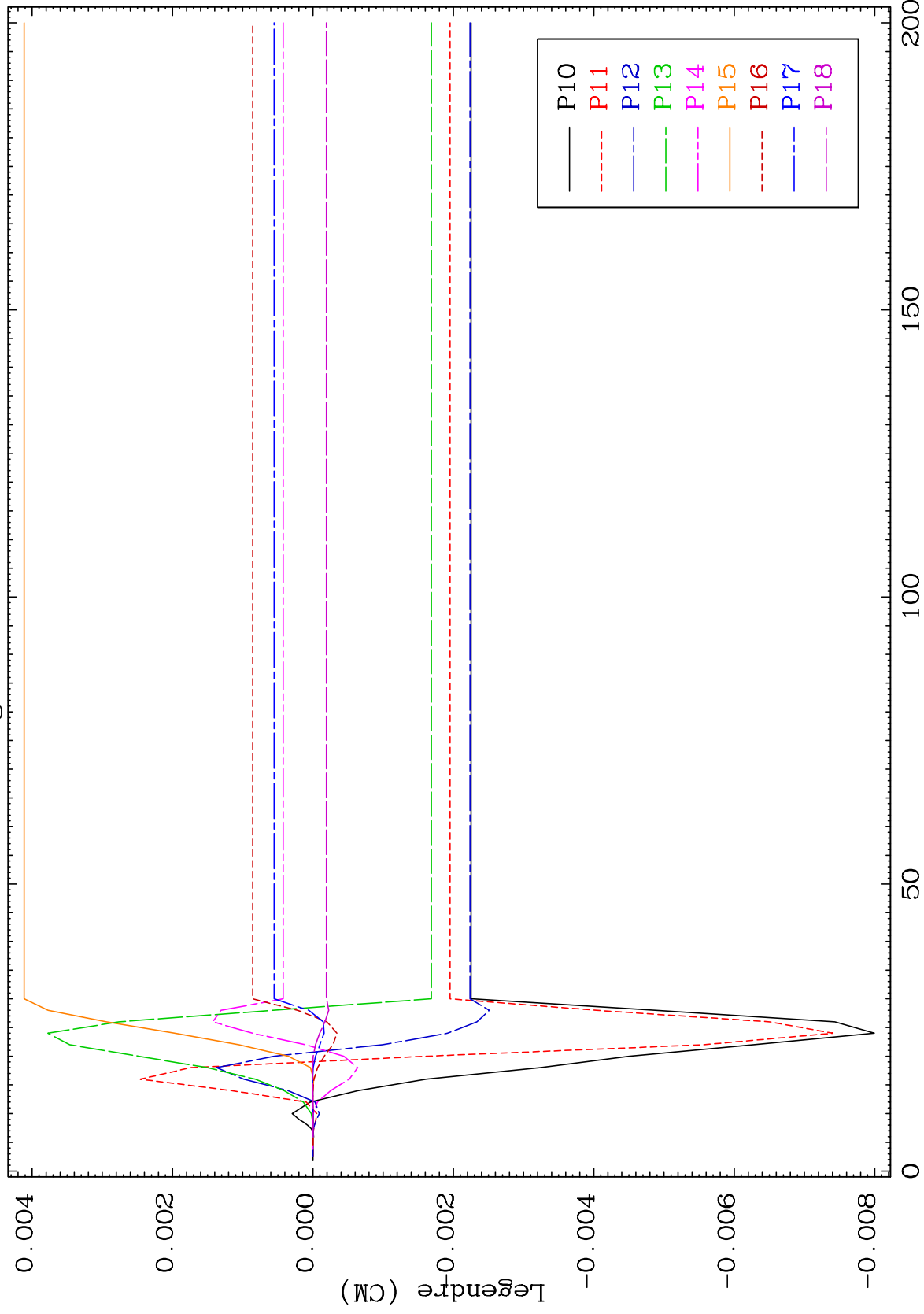
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

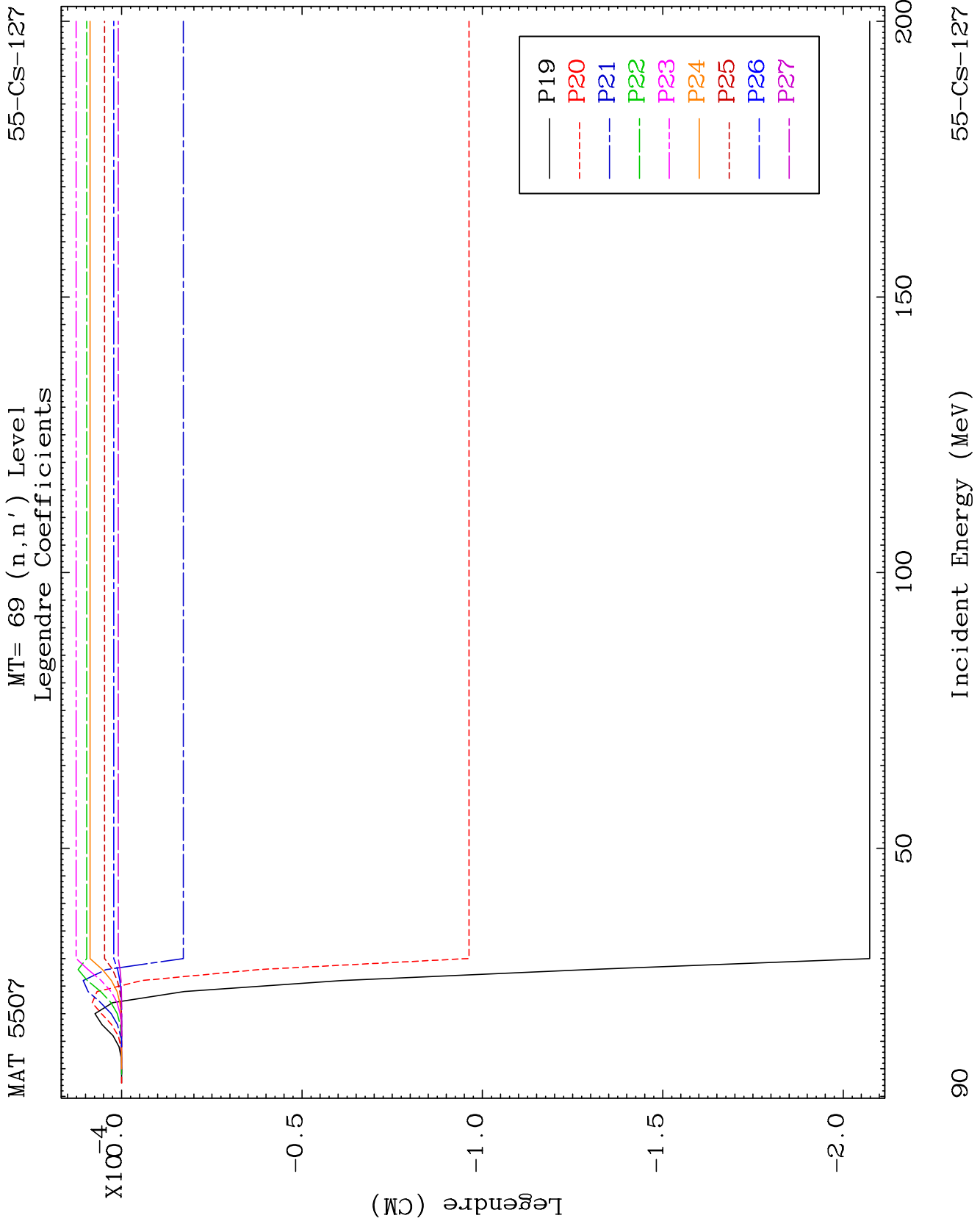
55-Cs-127



89

Incident Energy (MeV)

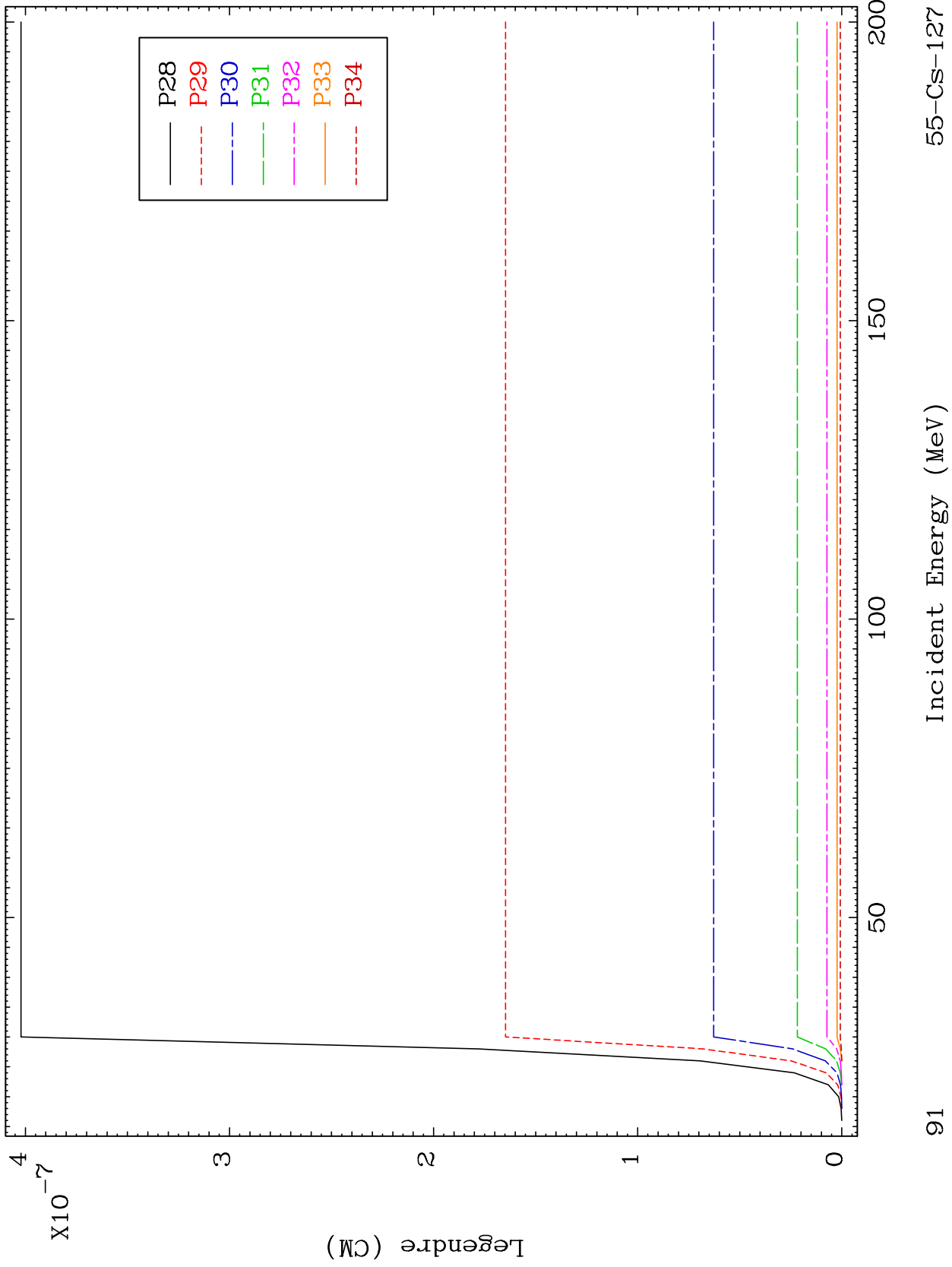
55-Cs-127



MAT 5507

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

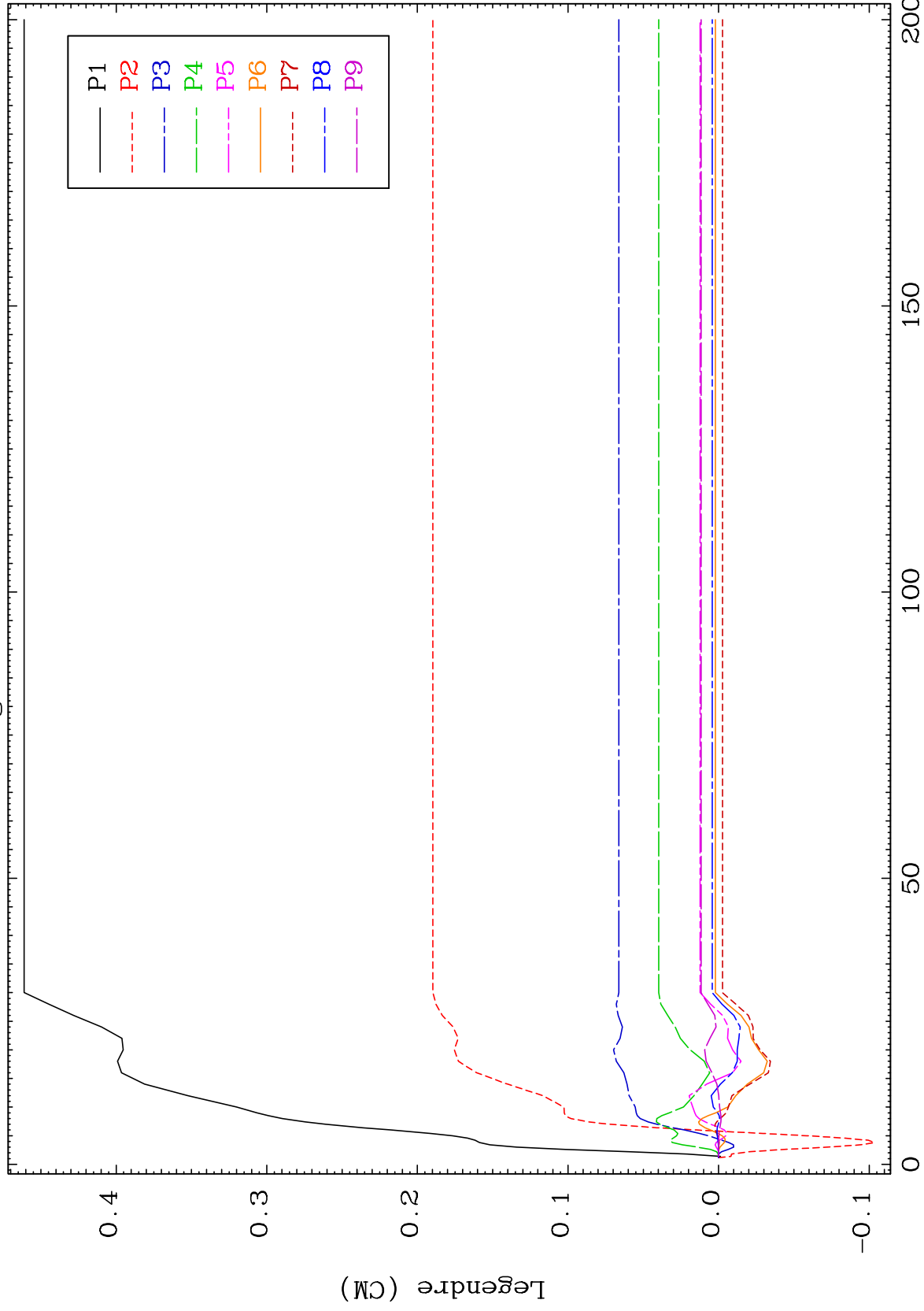
55-Cs-127



MAT 5507

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

55-Cs-127



92

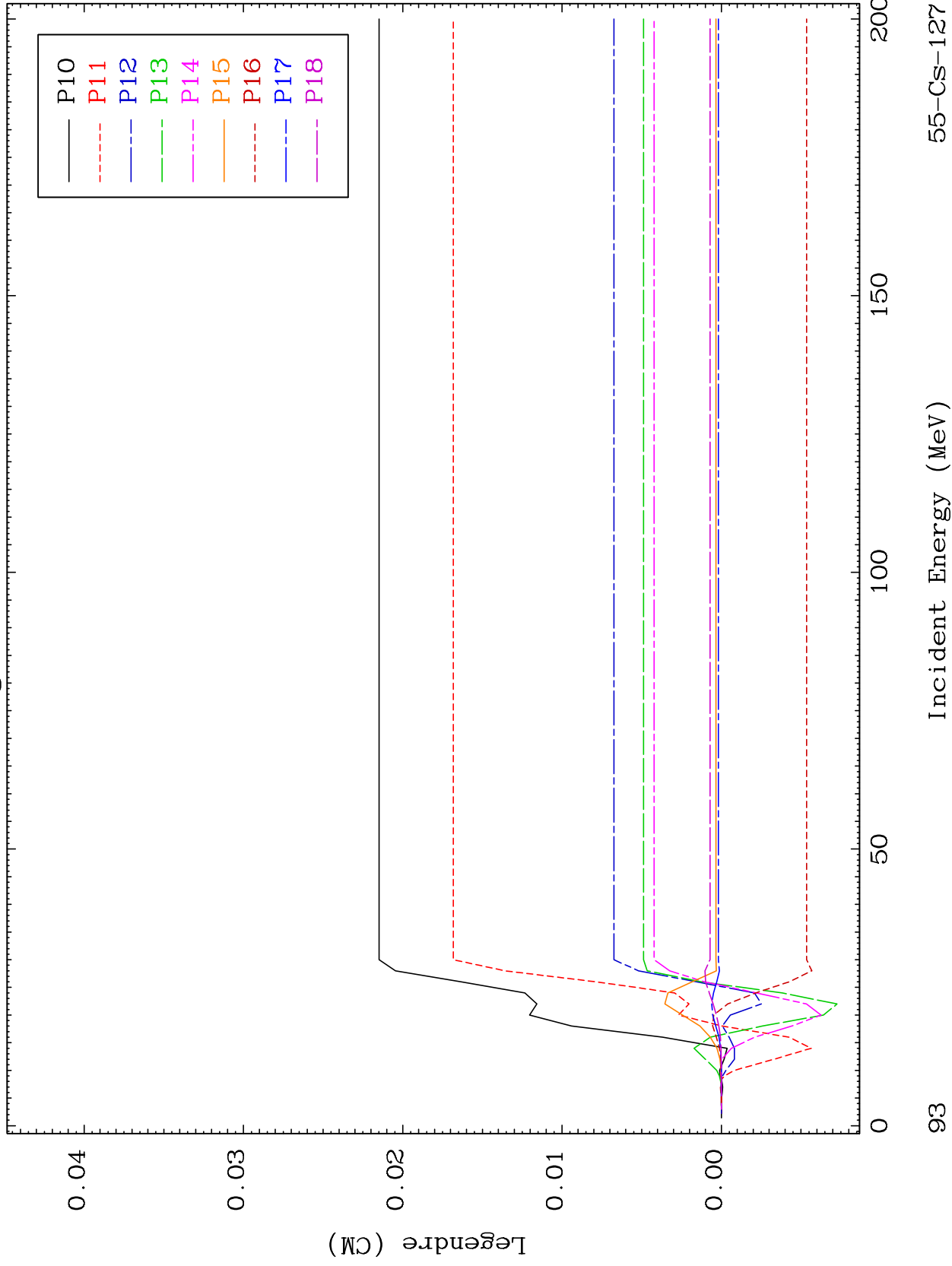
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

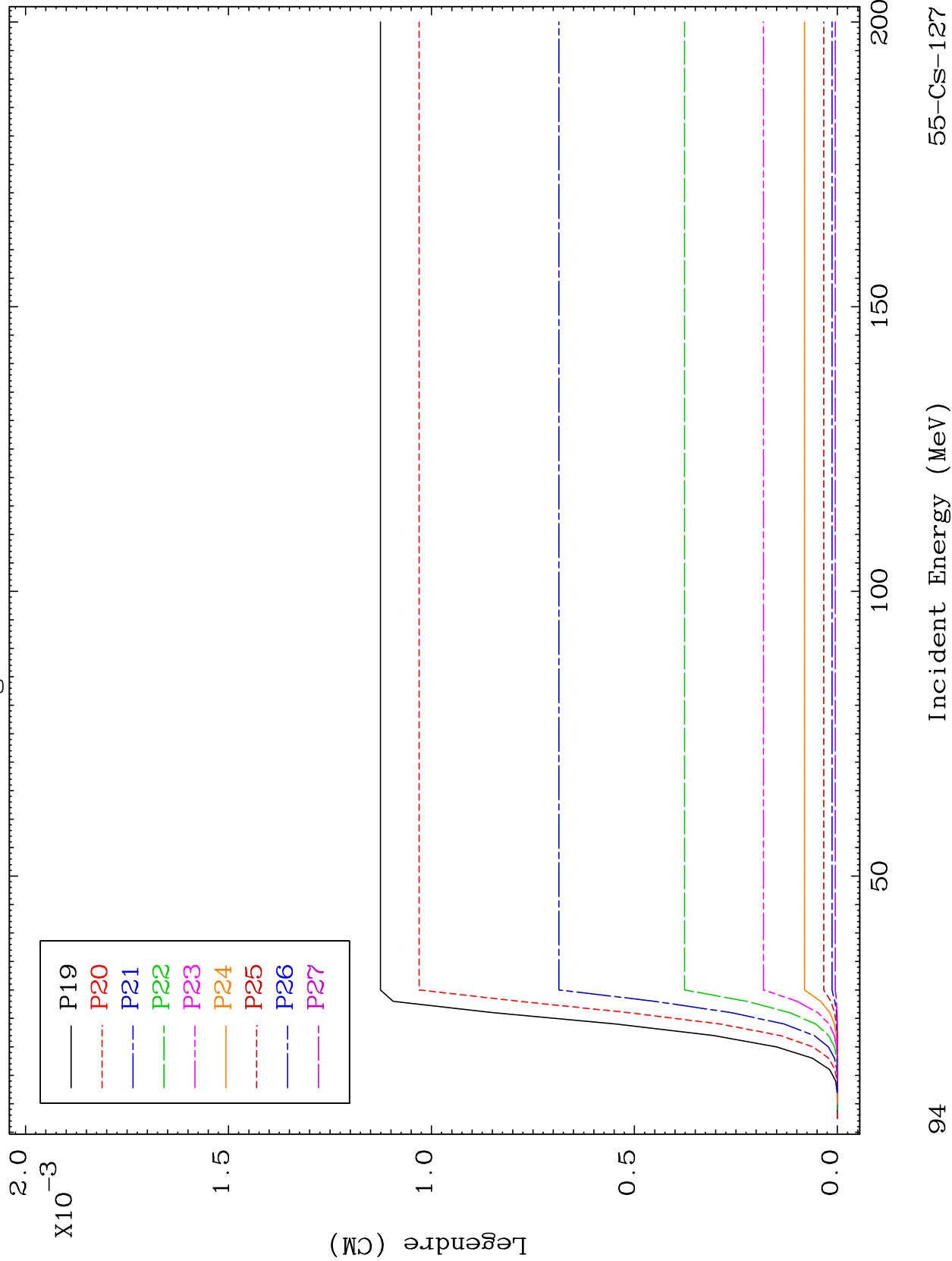
Incident Energy (MeV)

93

MAT 5507

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

55-Cs-127



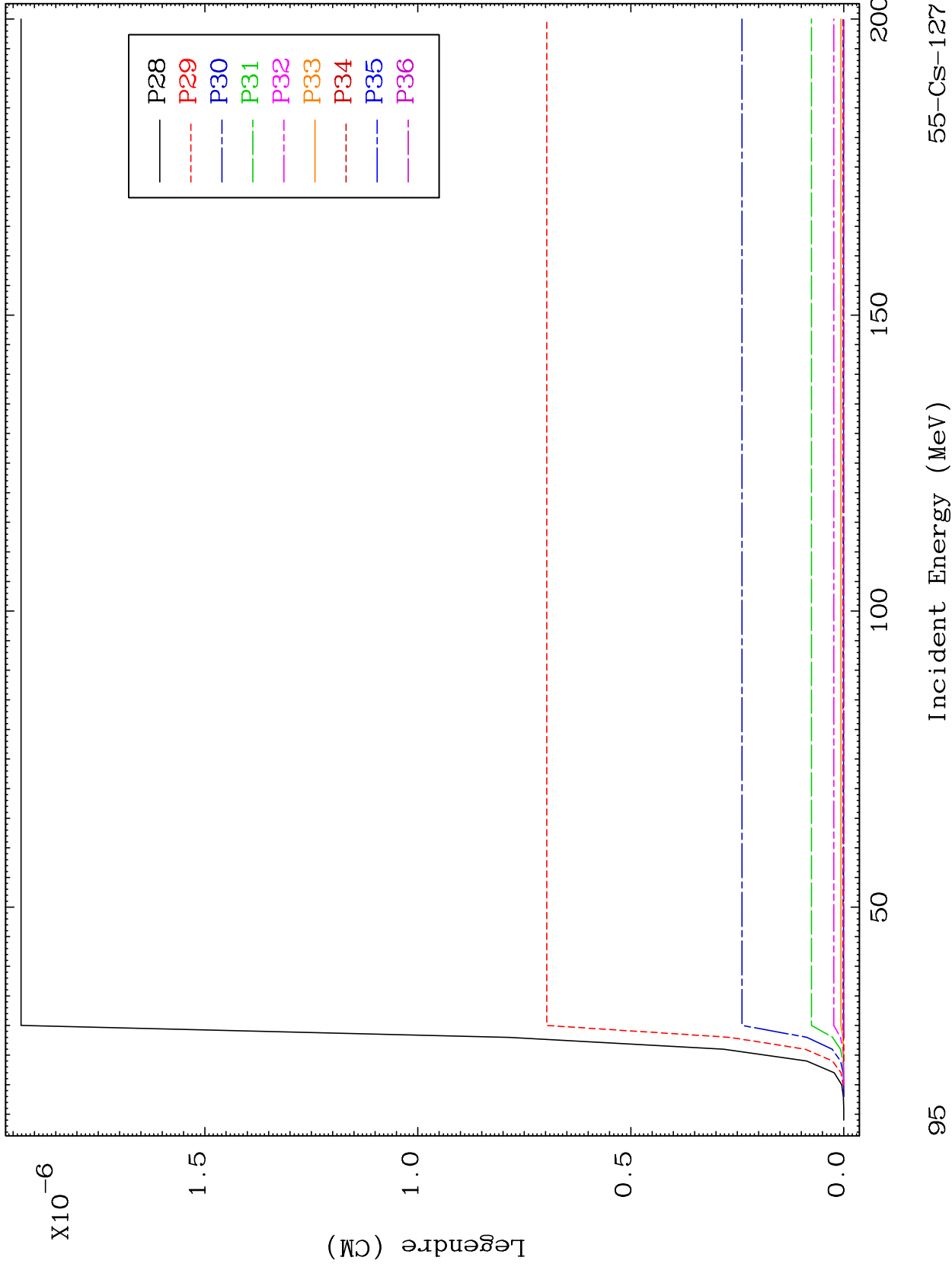
94

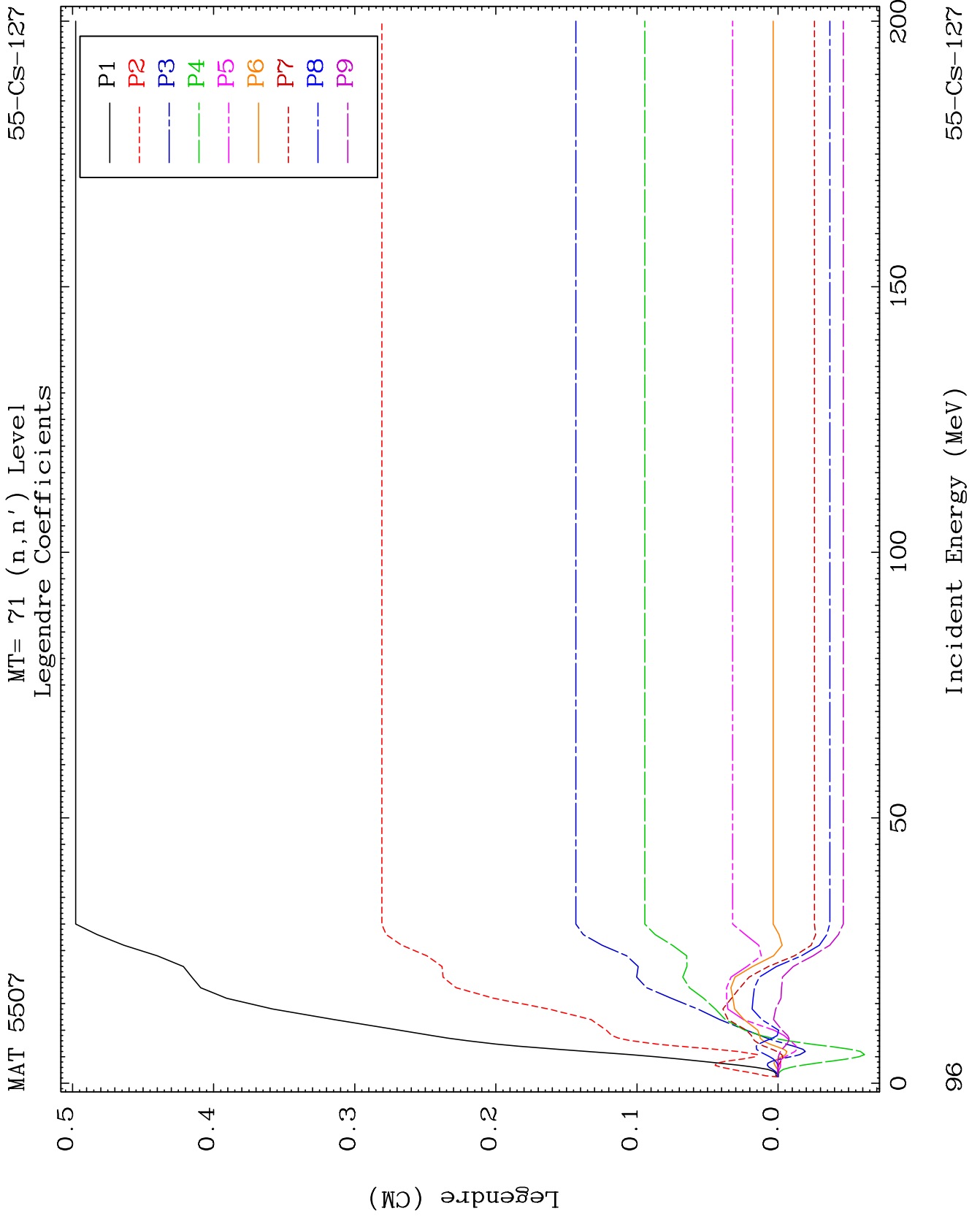
55-Cs-127

MAT 5507

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

55-Cs-127

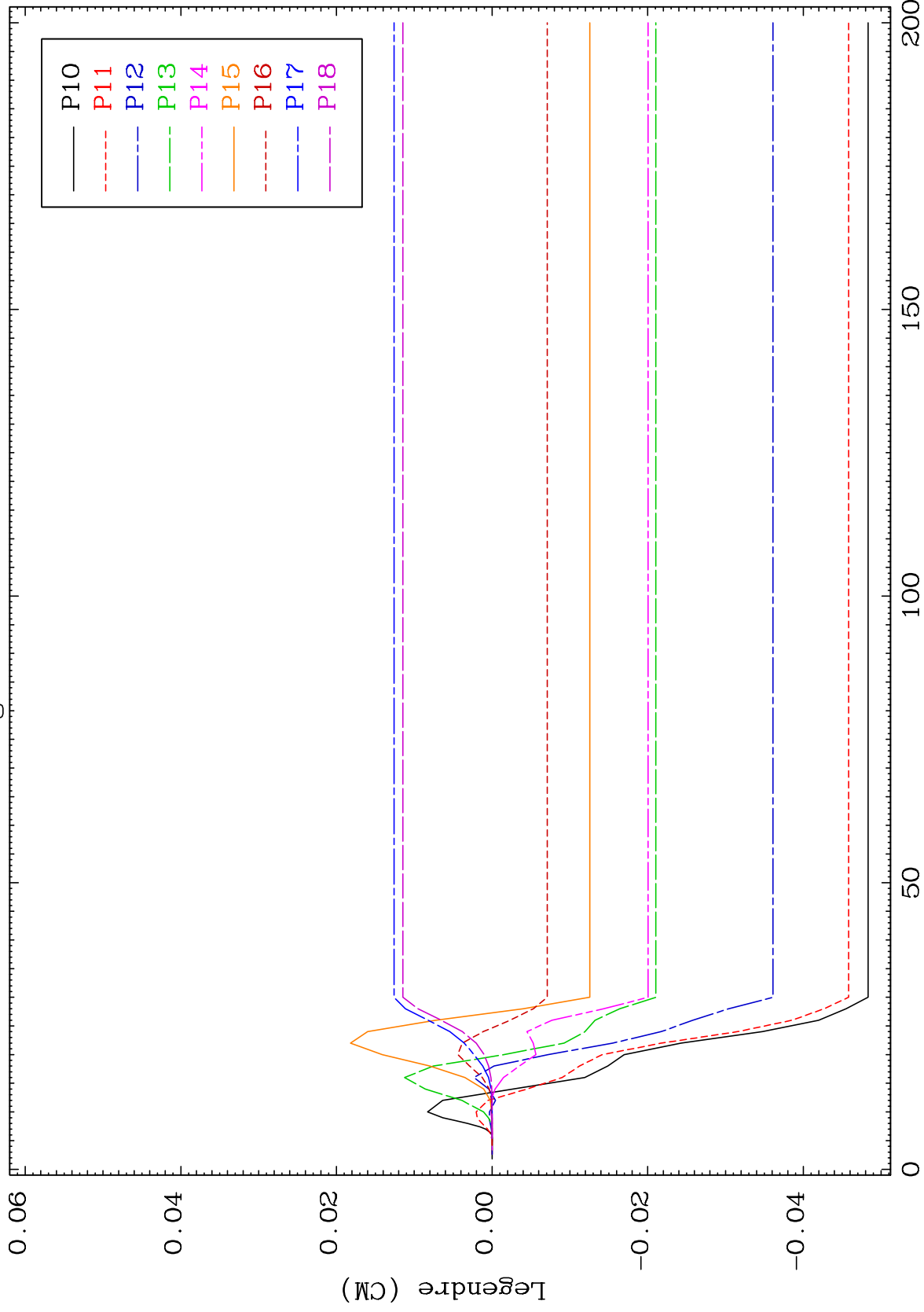




MAT 5507

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

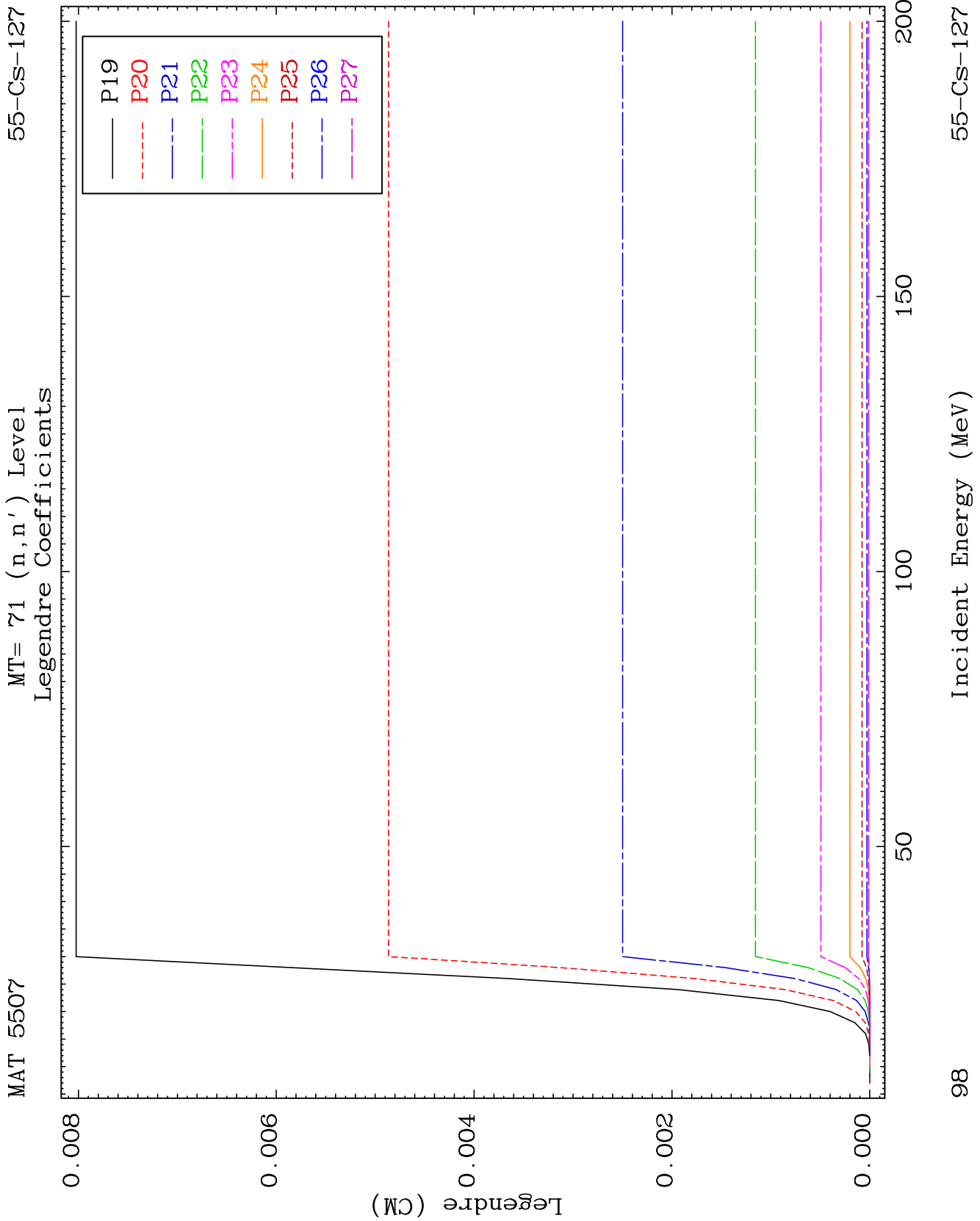
55-Cs-127



97

Incident Energy (MeV)

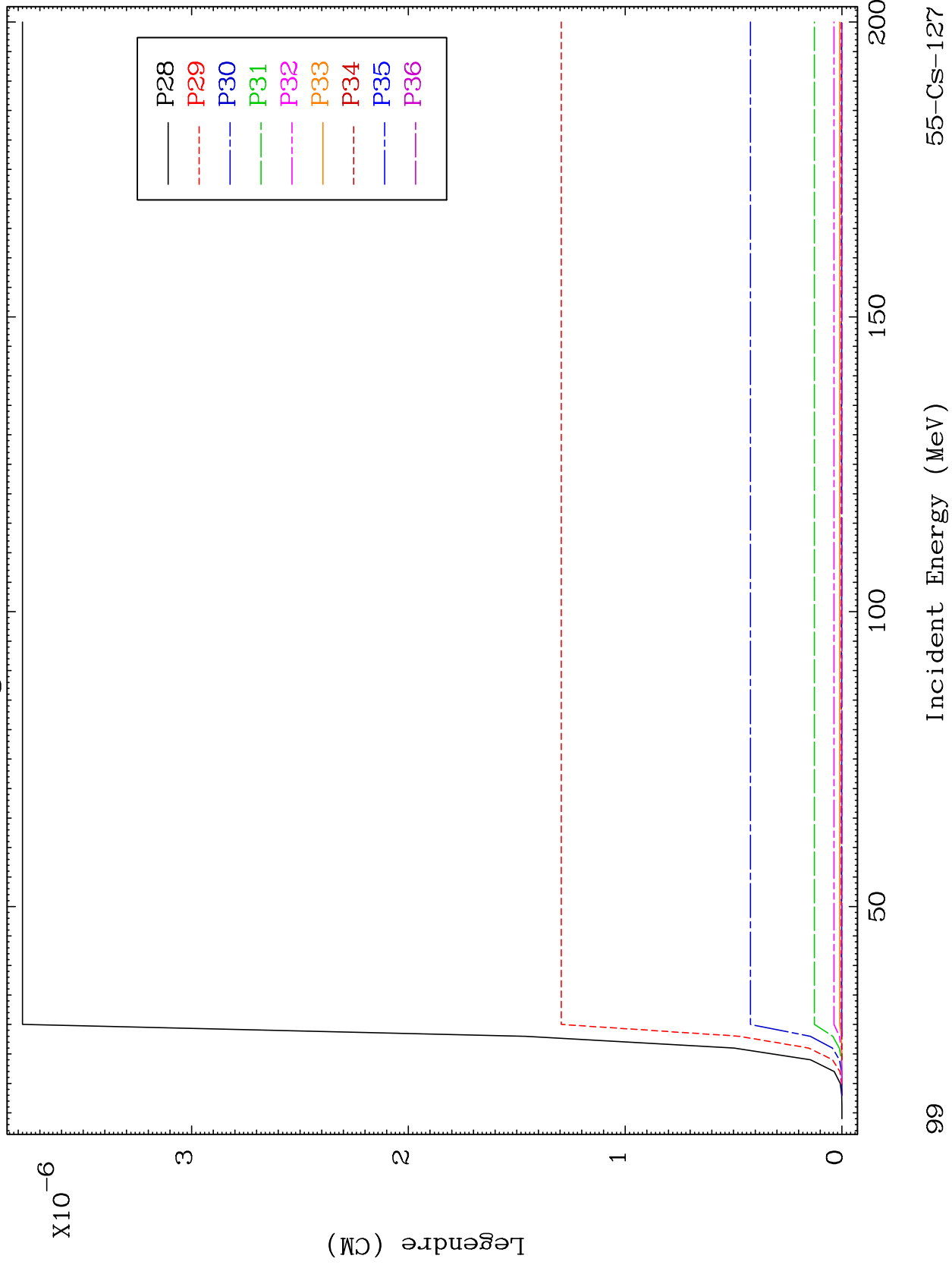
55-Cs-127



MAT 5507

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

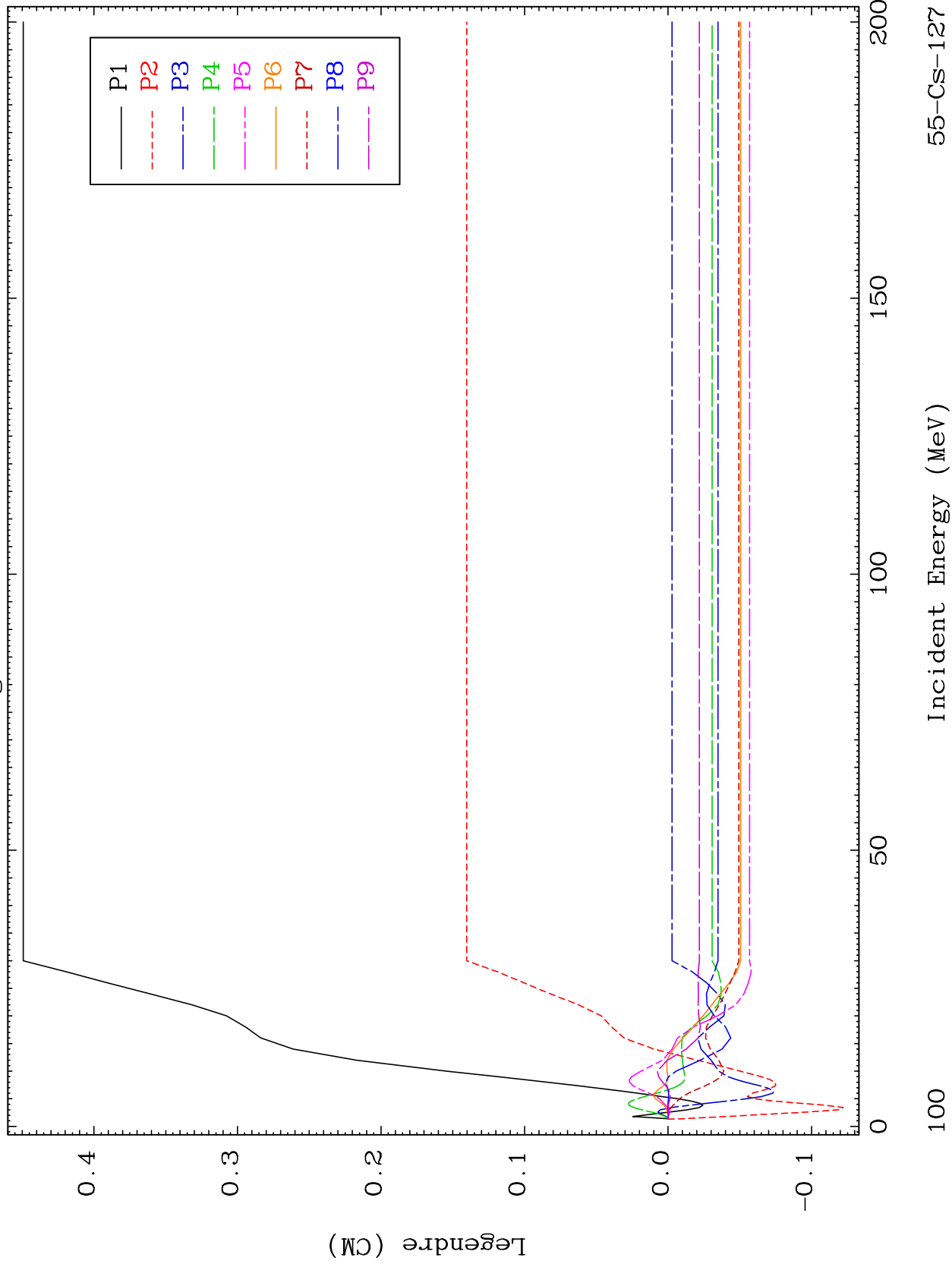
55-Cs-127



MAT 5507

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

55-Cs-127

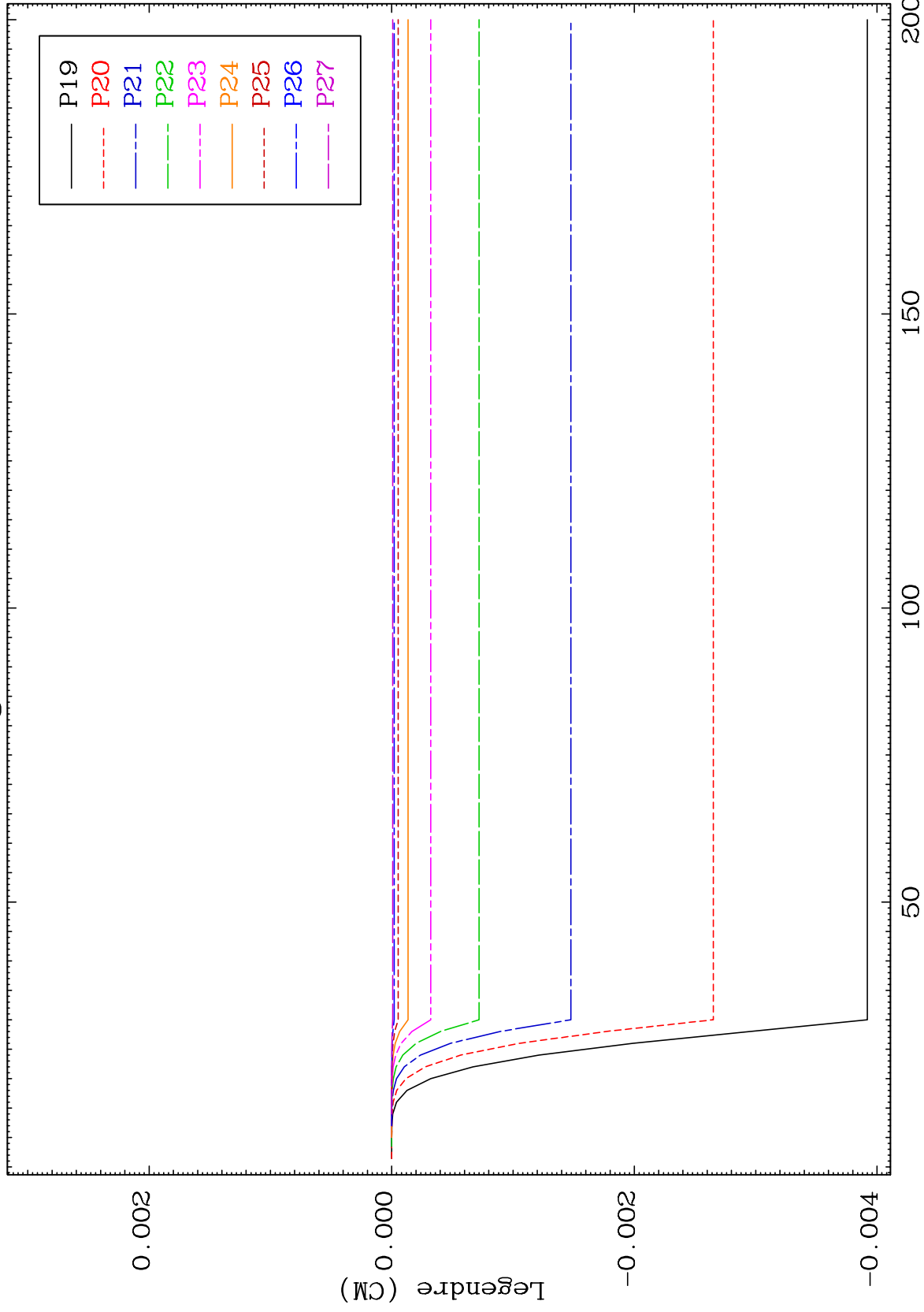


55-Cs-127

MAT 5507

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

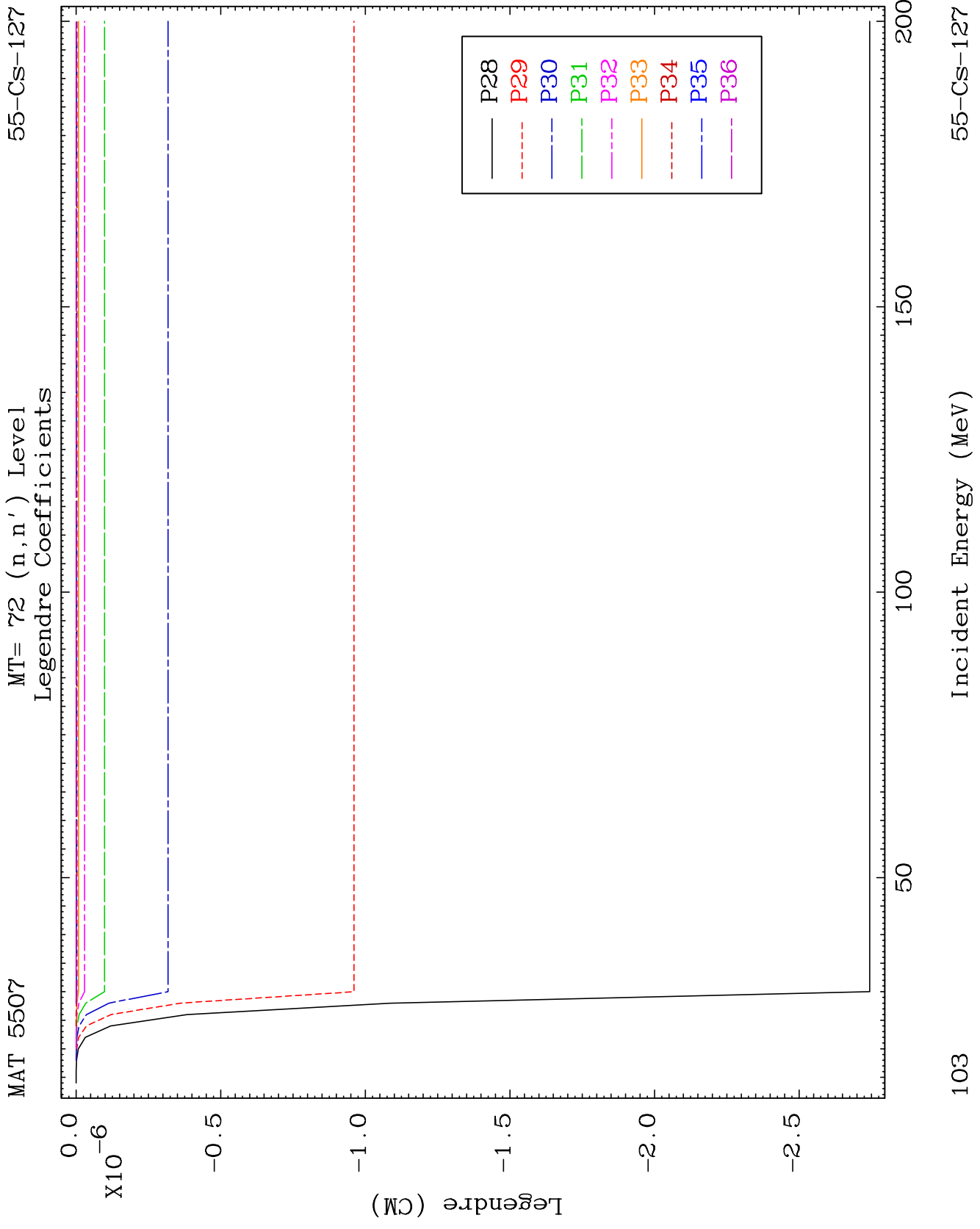
55-Cs-127



102

Incident Energy (MeV)

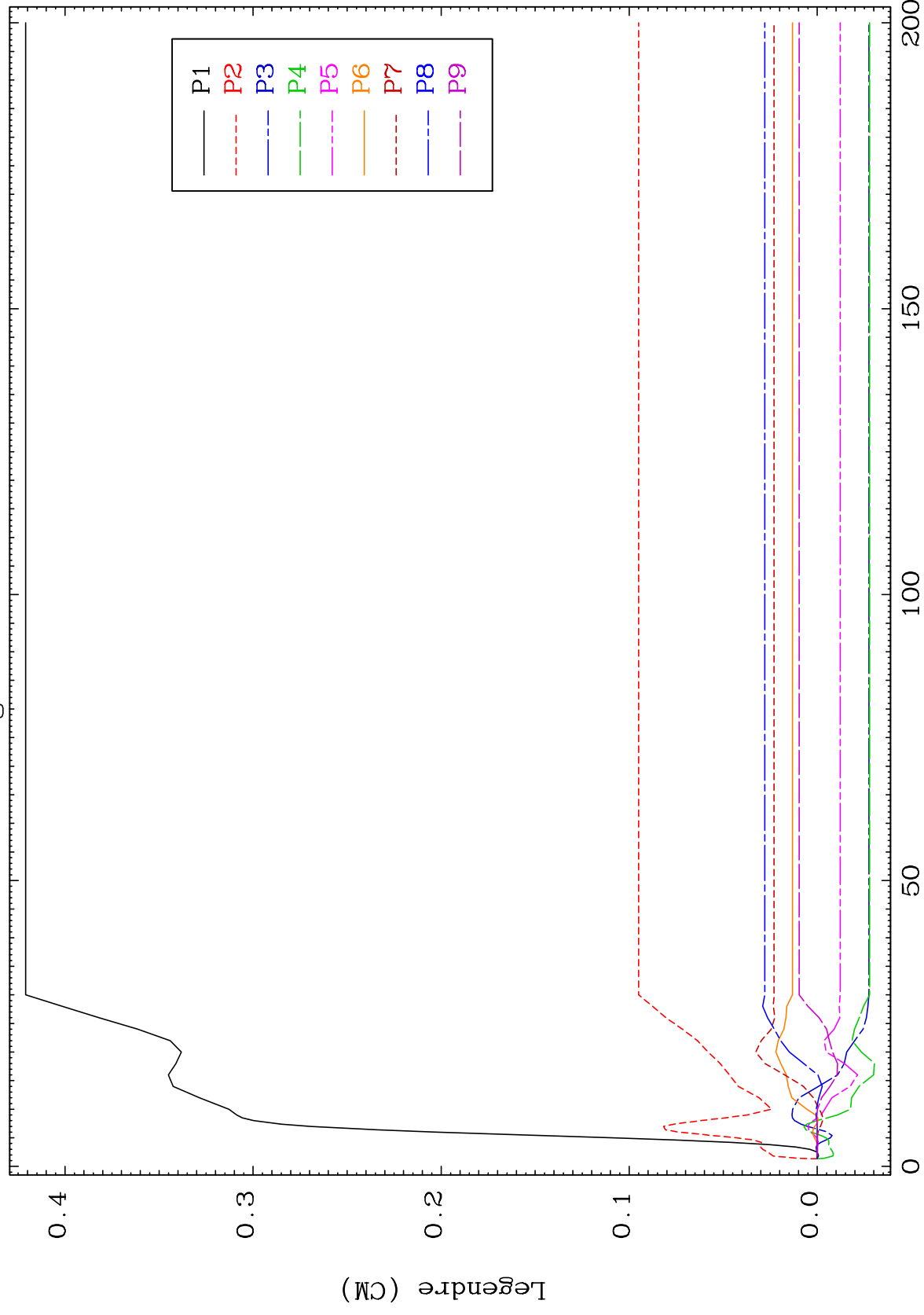
55-Cs-127



MAT 5507

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

55-Cs-127



55-Cs-127

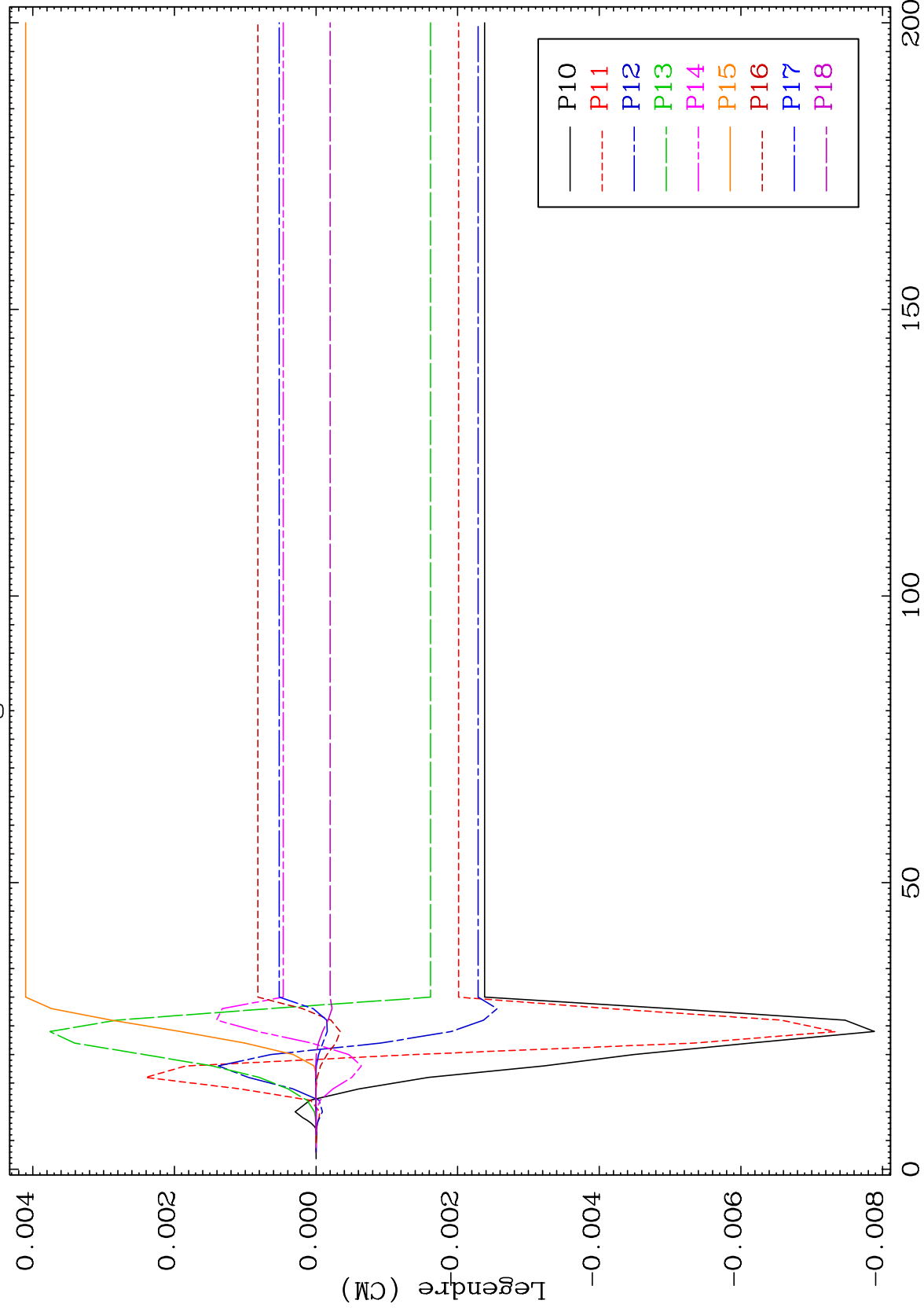
Incident Energy (MeV)

104

MAT 5507

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

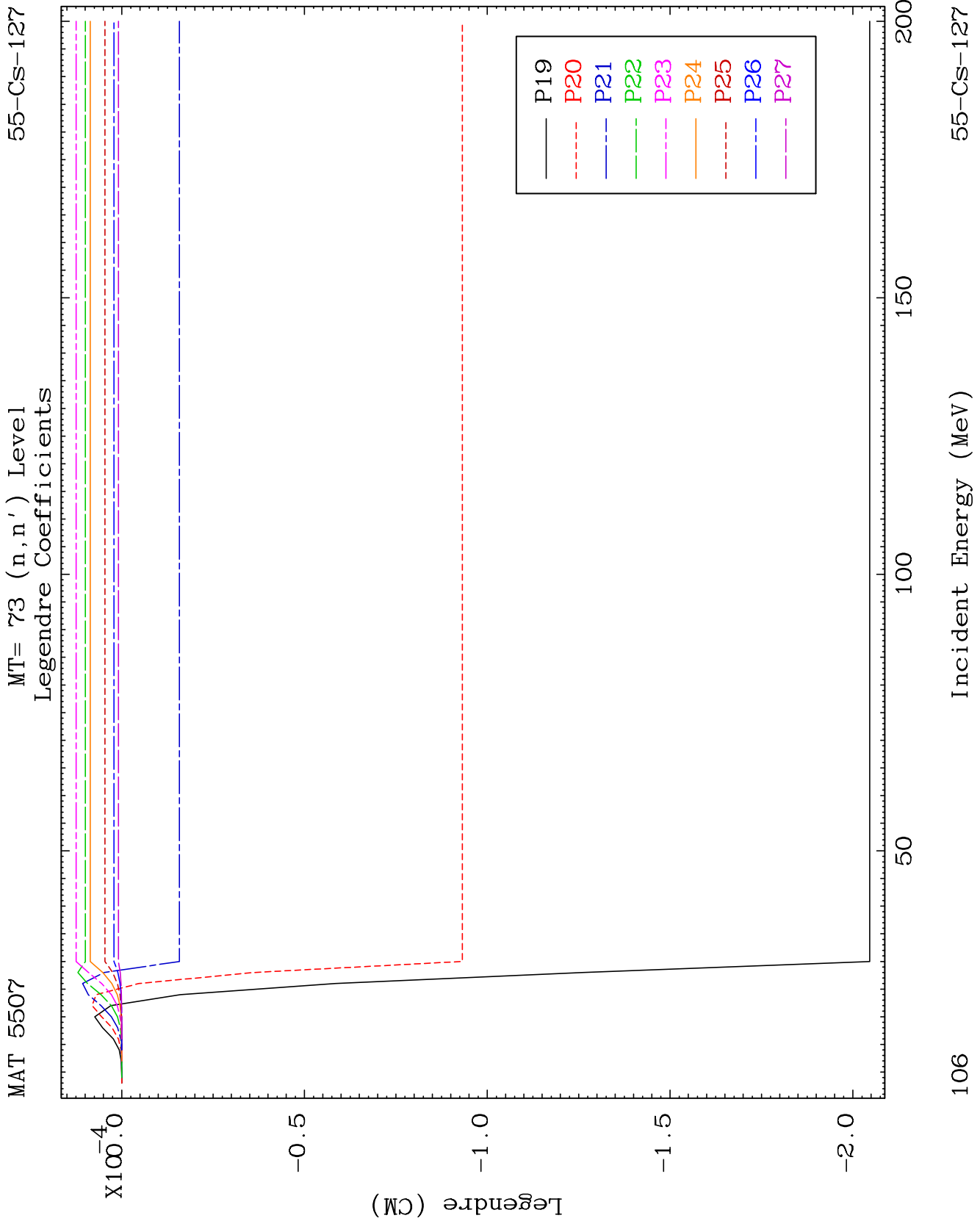
55-Cs-127



55-Cs-127

Incident Energy (MeV)

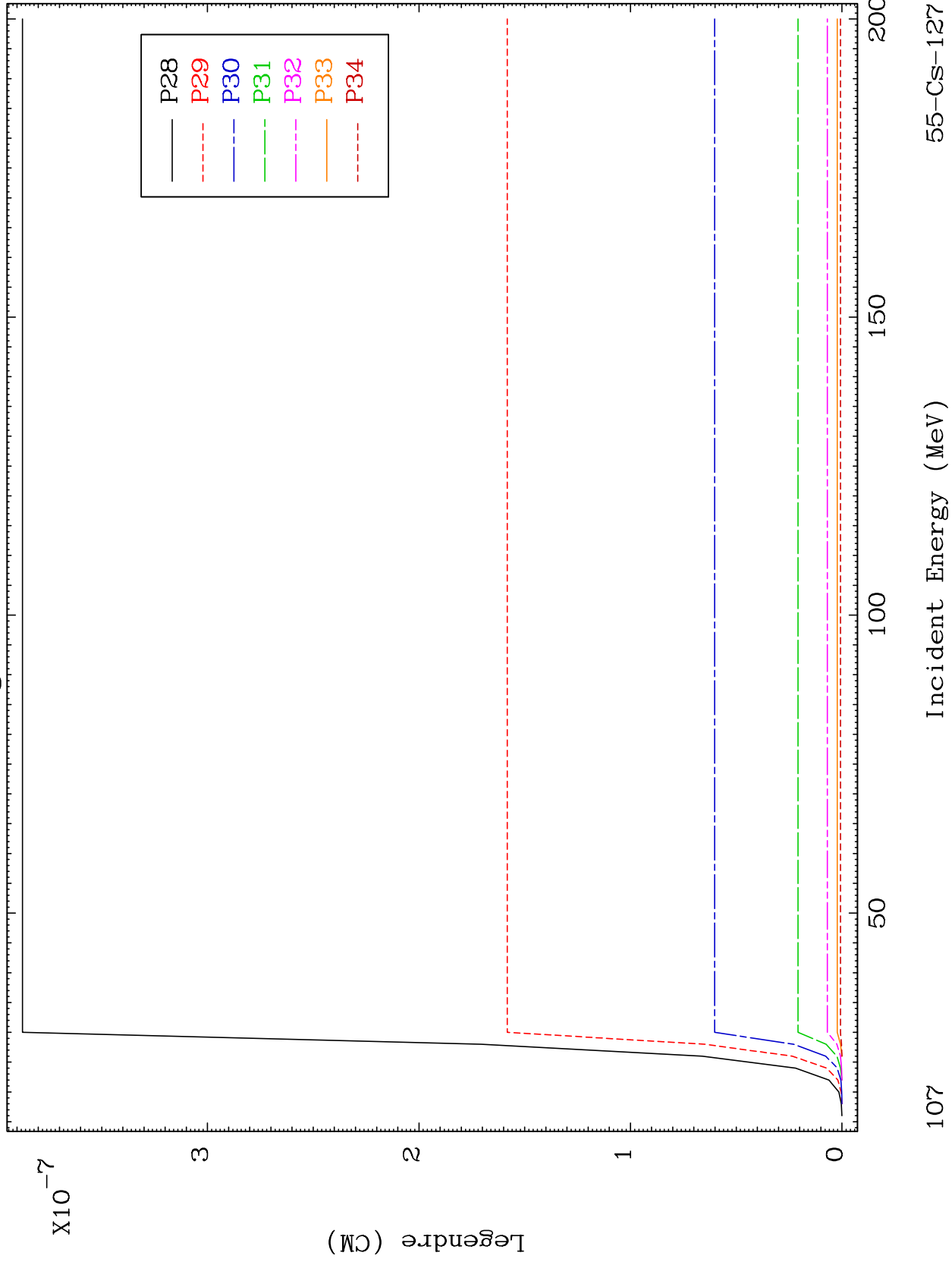
105



MAT 5507

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

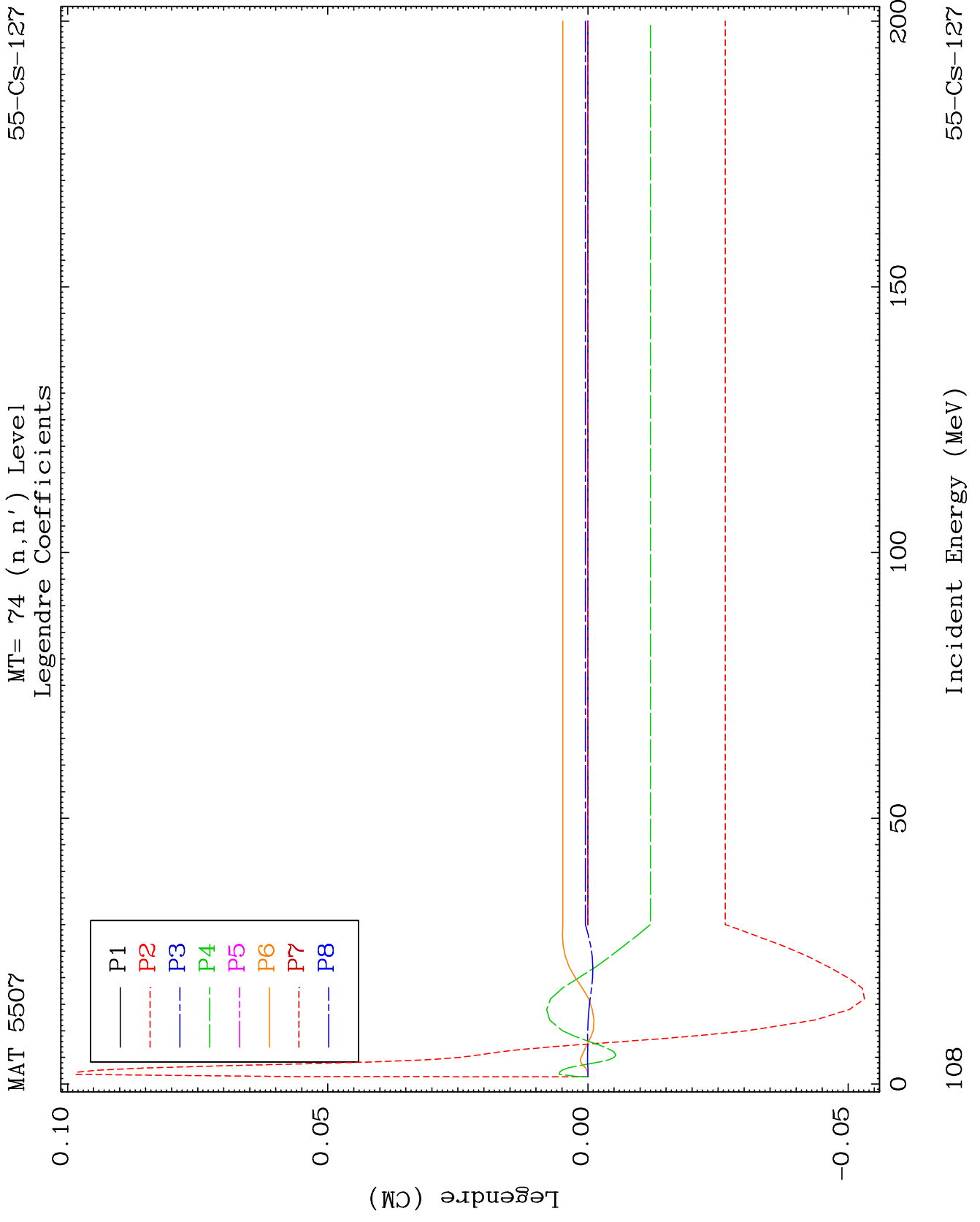
55-Cs-127



55-Cs-127

Incident Energy (MeV)

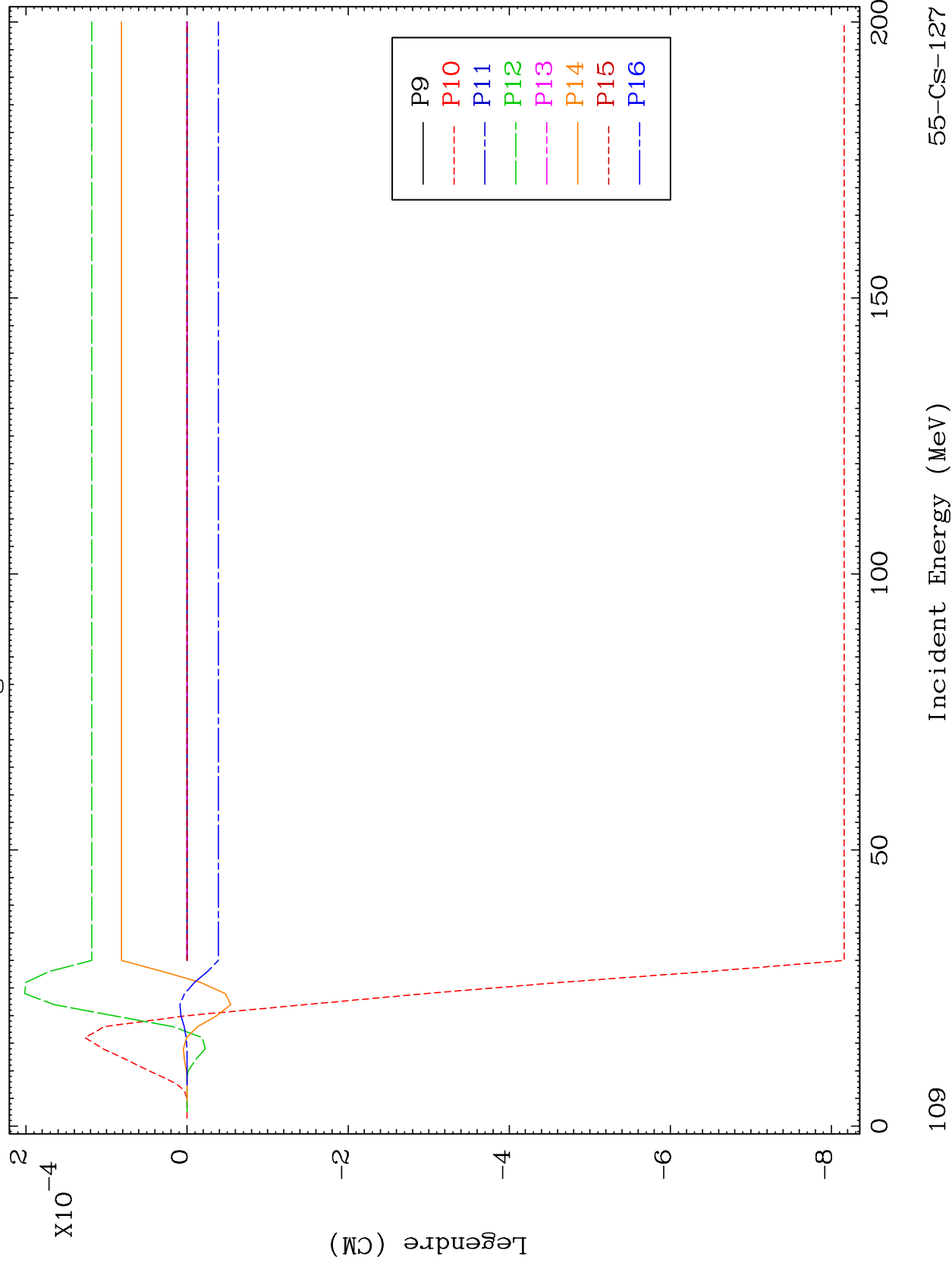
107



MAT 5507

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

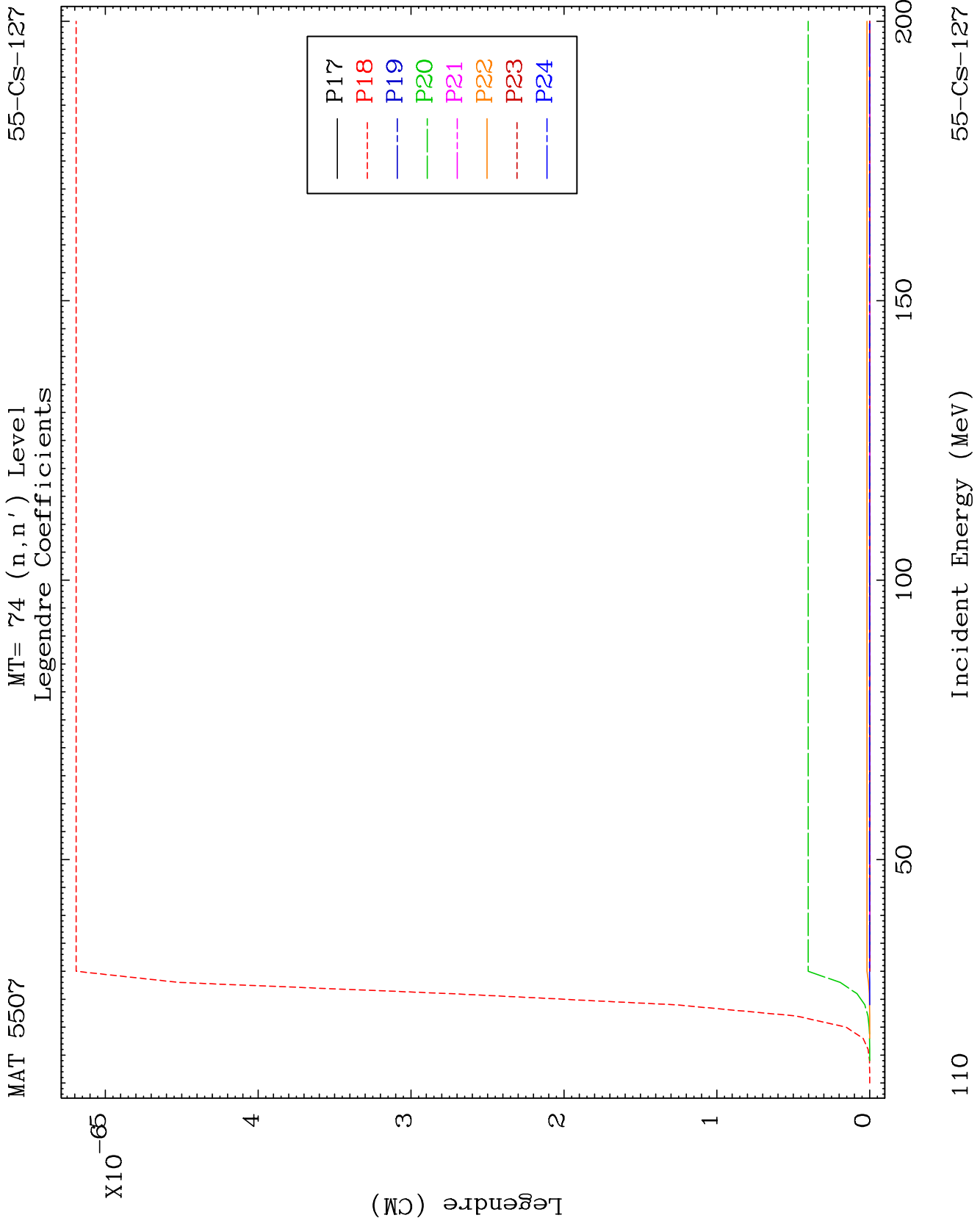
55-Cs-127



109

Incident Energy (MeV)

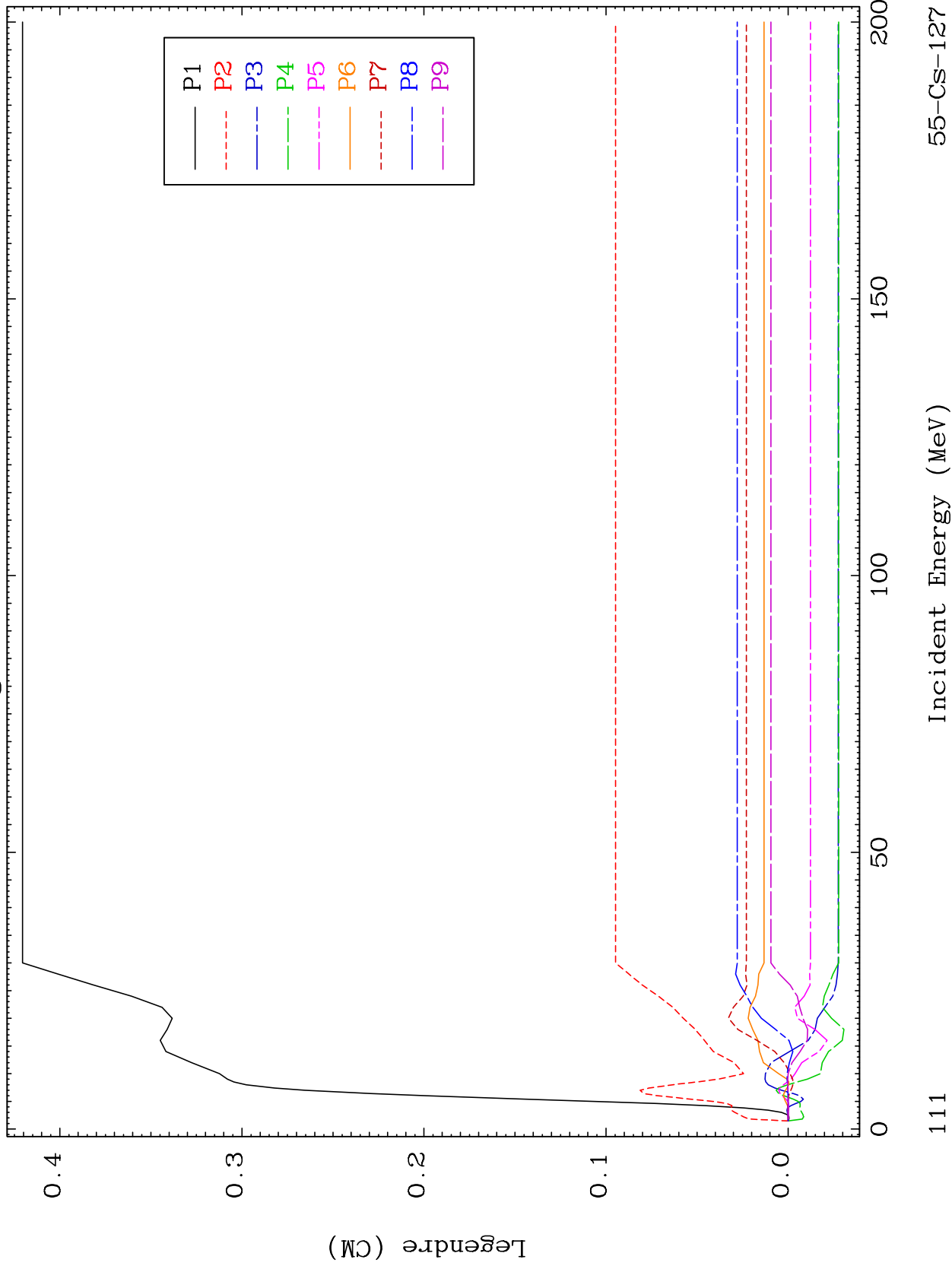
55-Cs-127



MAT 5507

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

55-Cs-127



55-Cs-127

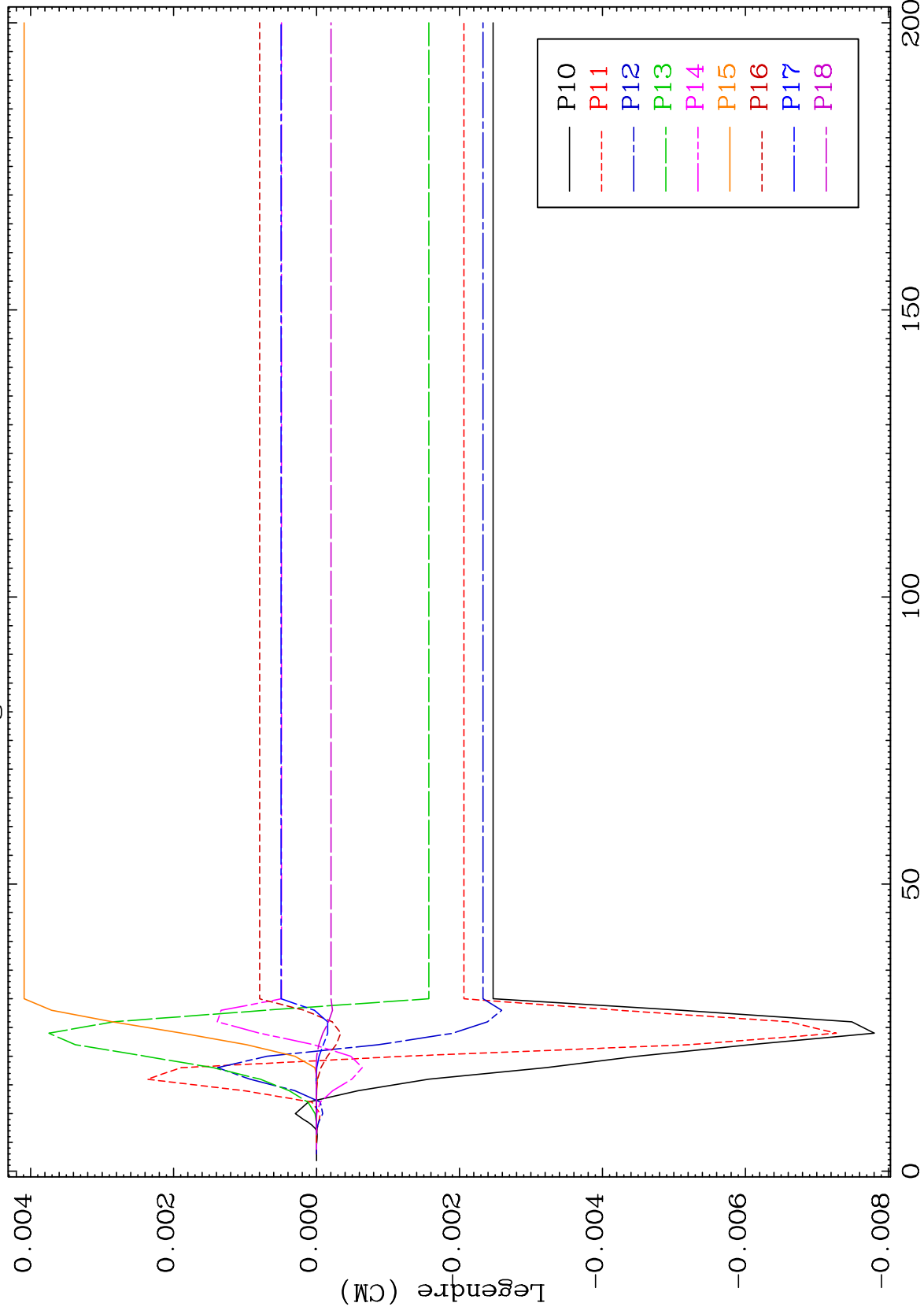
Incident Energy (MeV)

111

MAT 5507

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

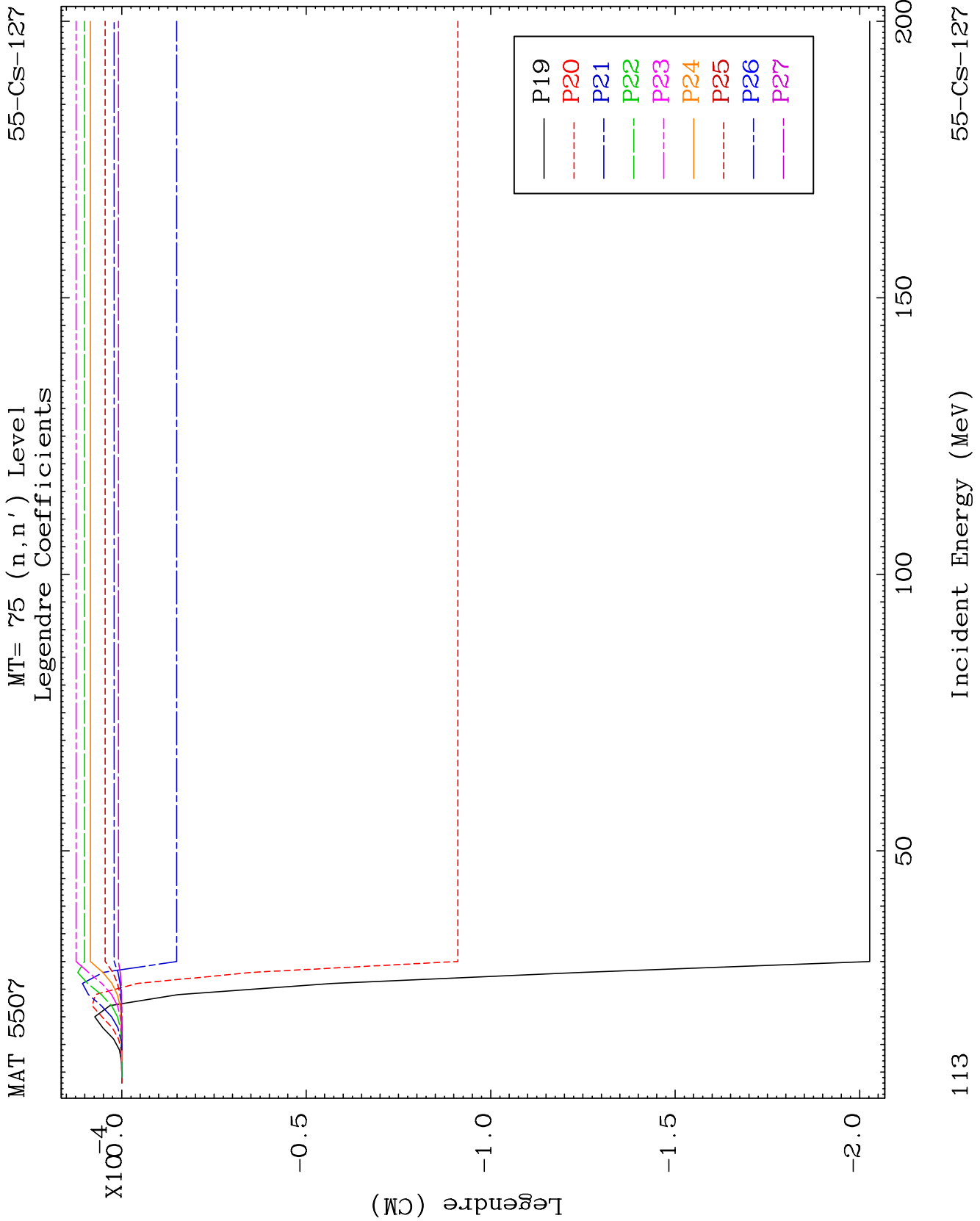
55-Cs-127



112

Incident Energy (MeV)

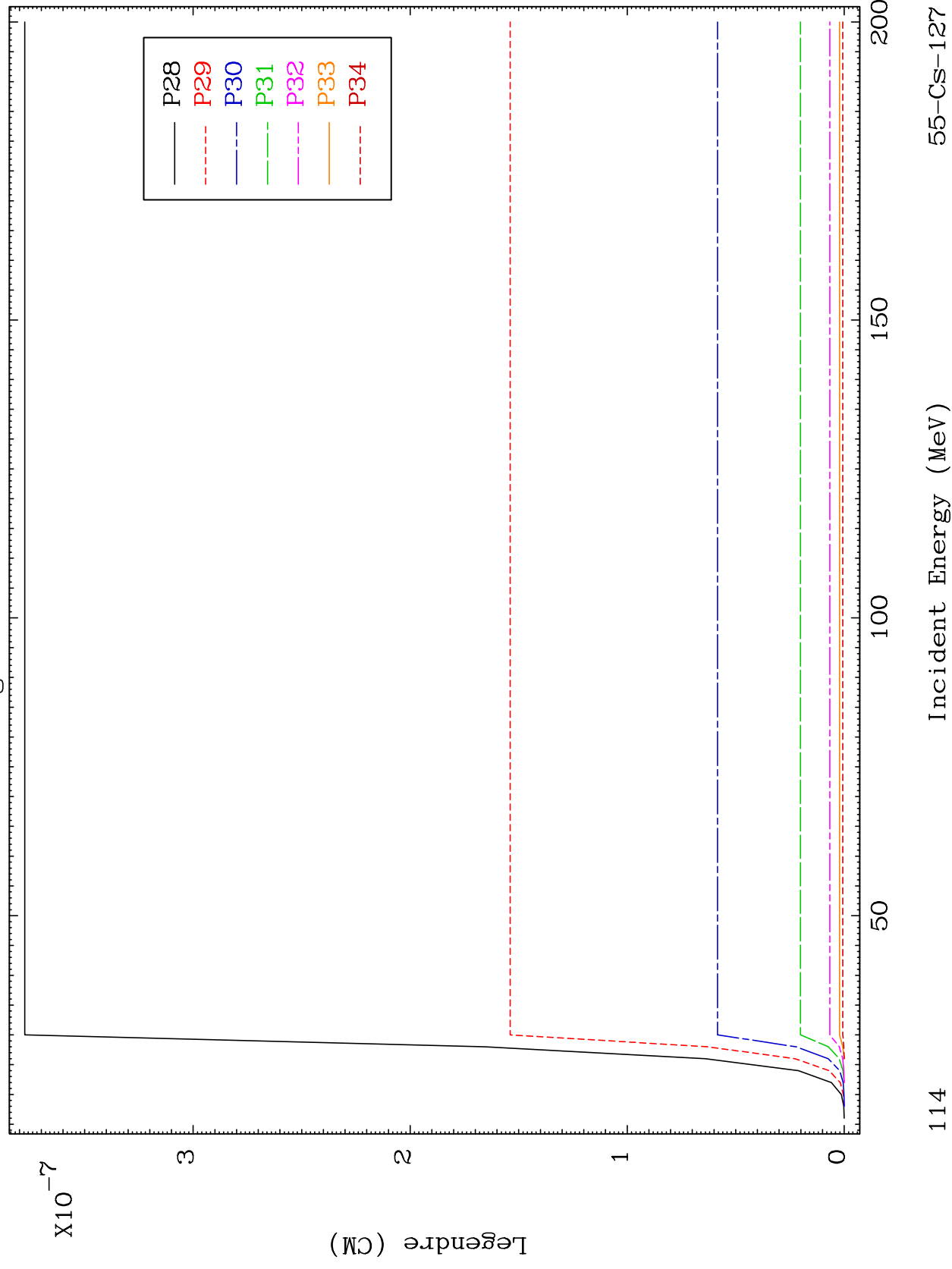
55-Cs-127



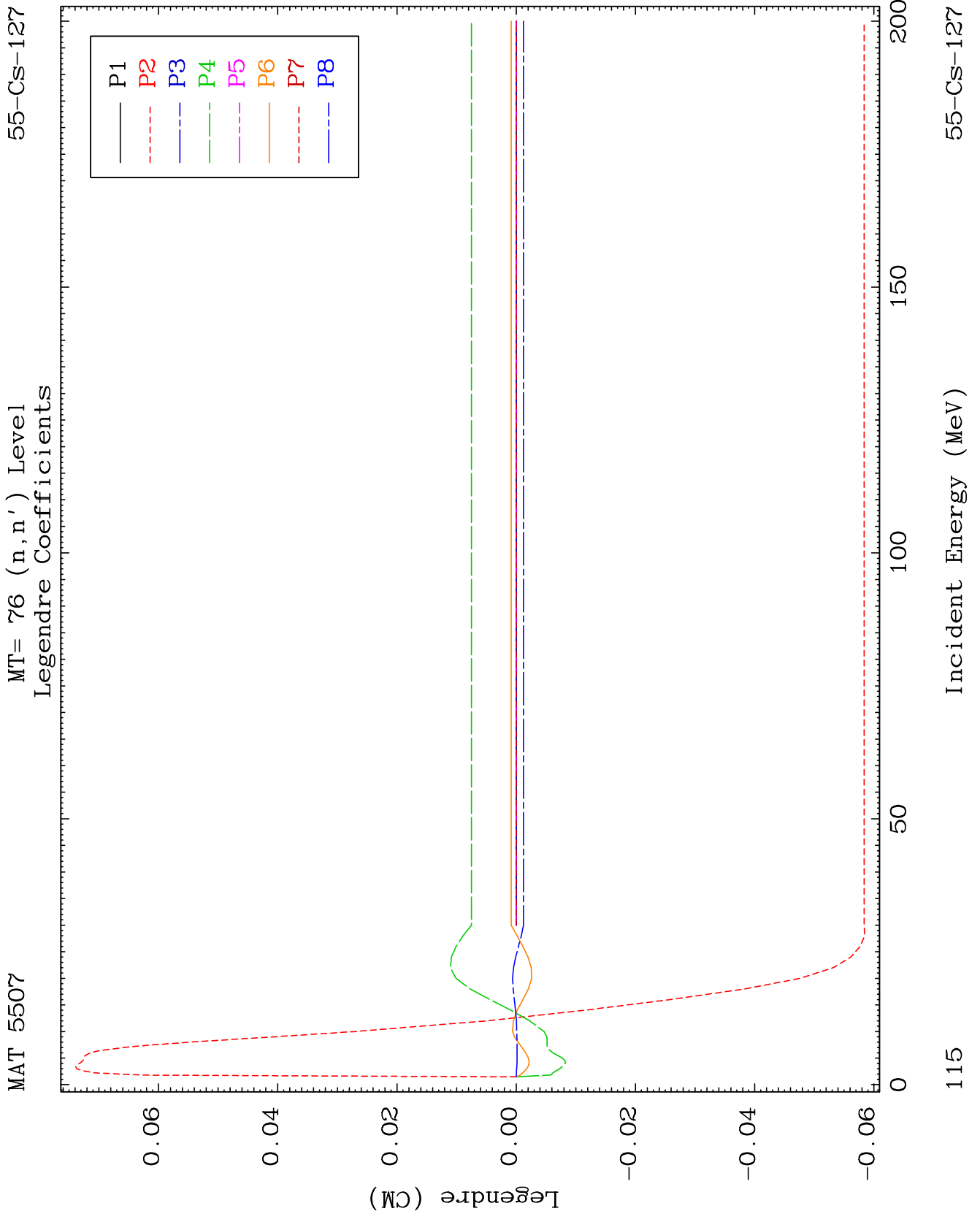
MAT 5507

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

55-Cs-127



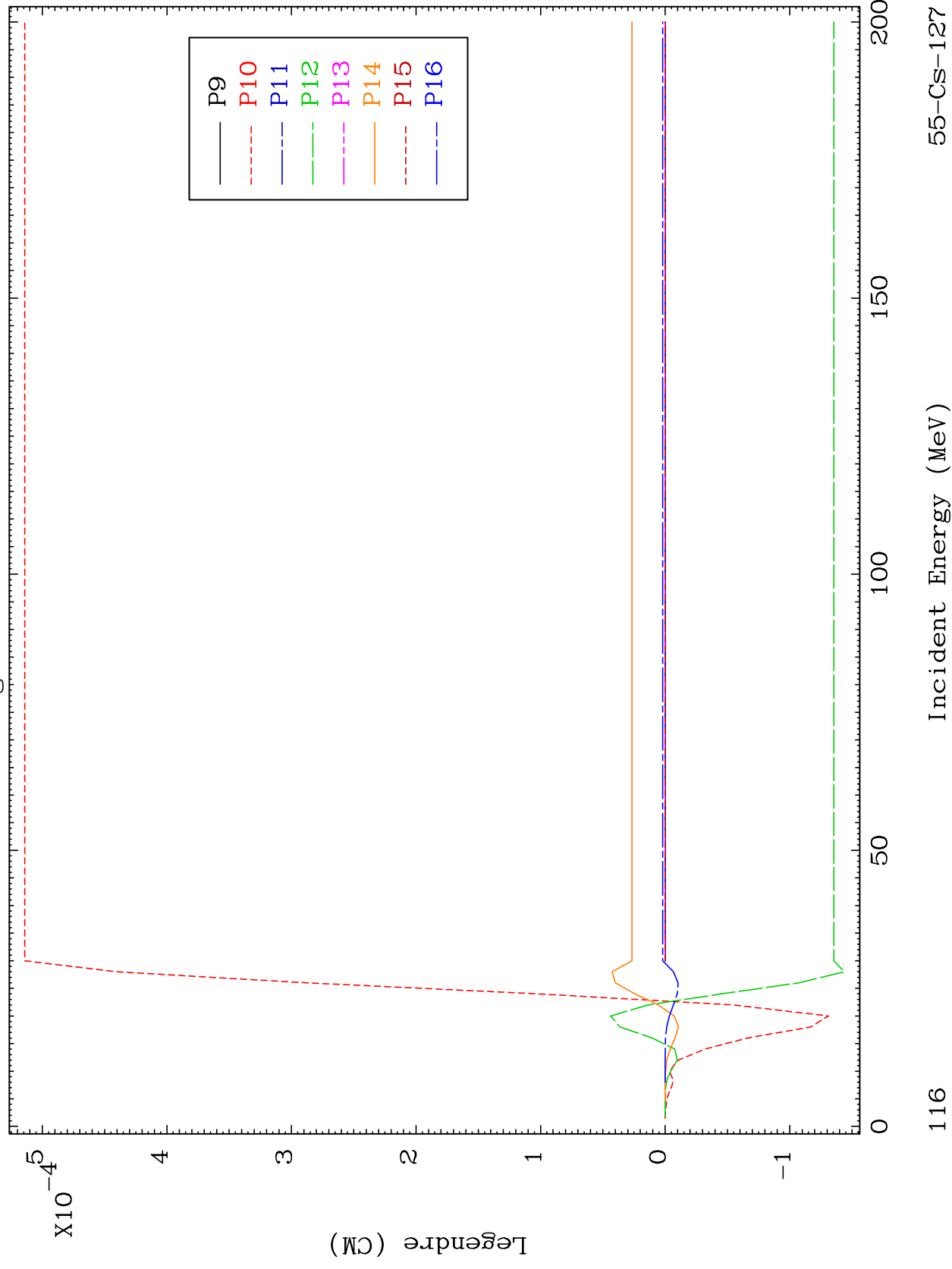
114



MAT 5507

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

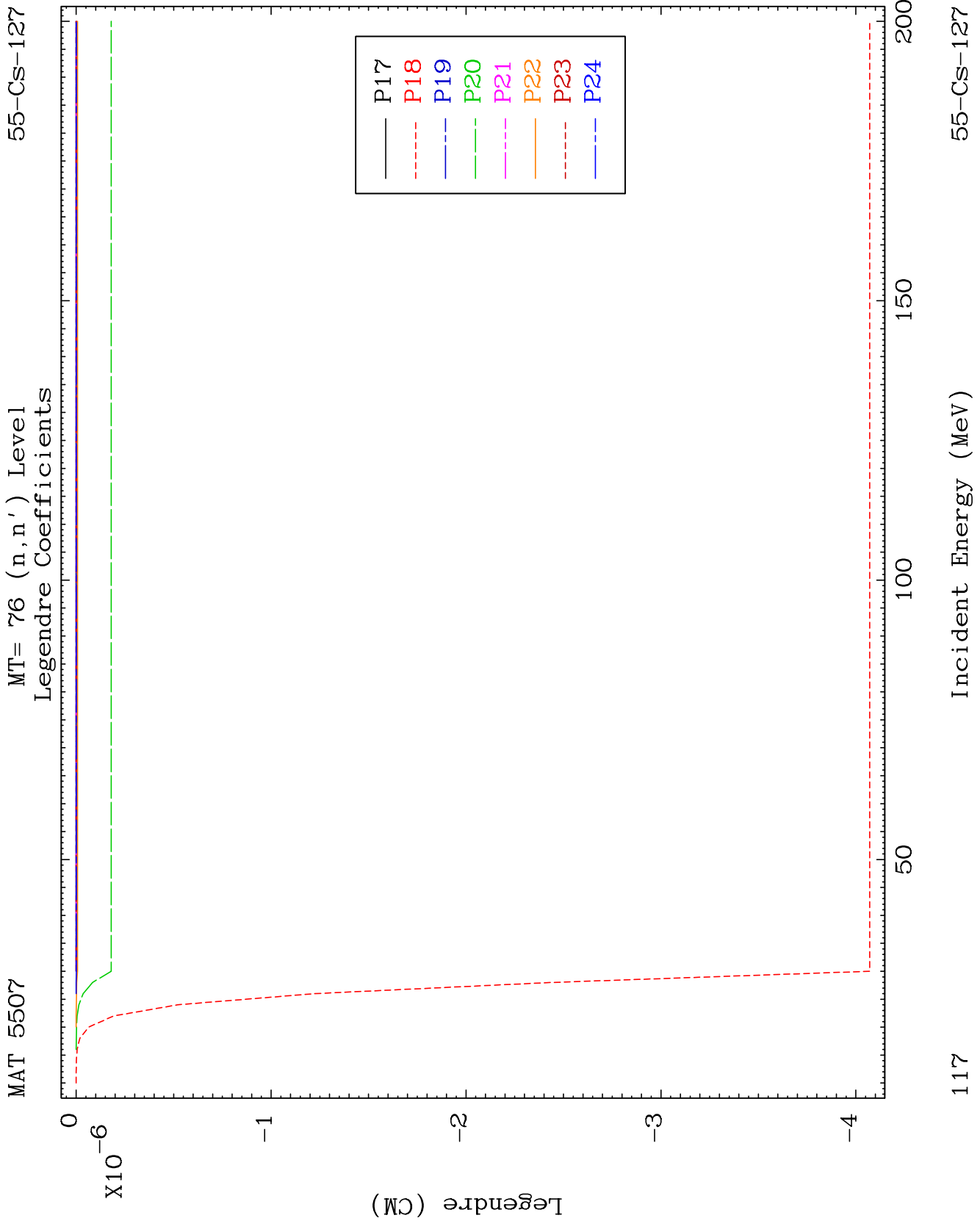
55-Cs-127

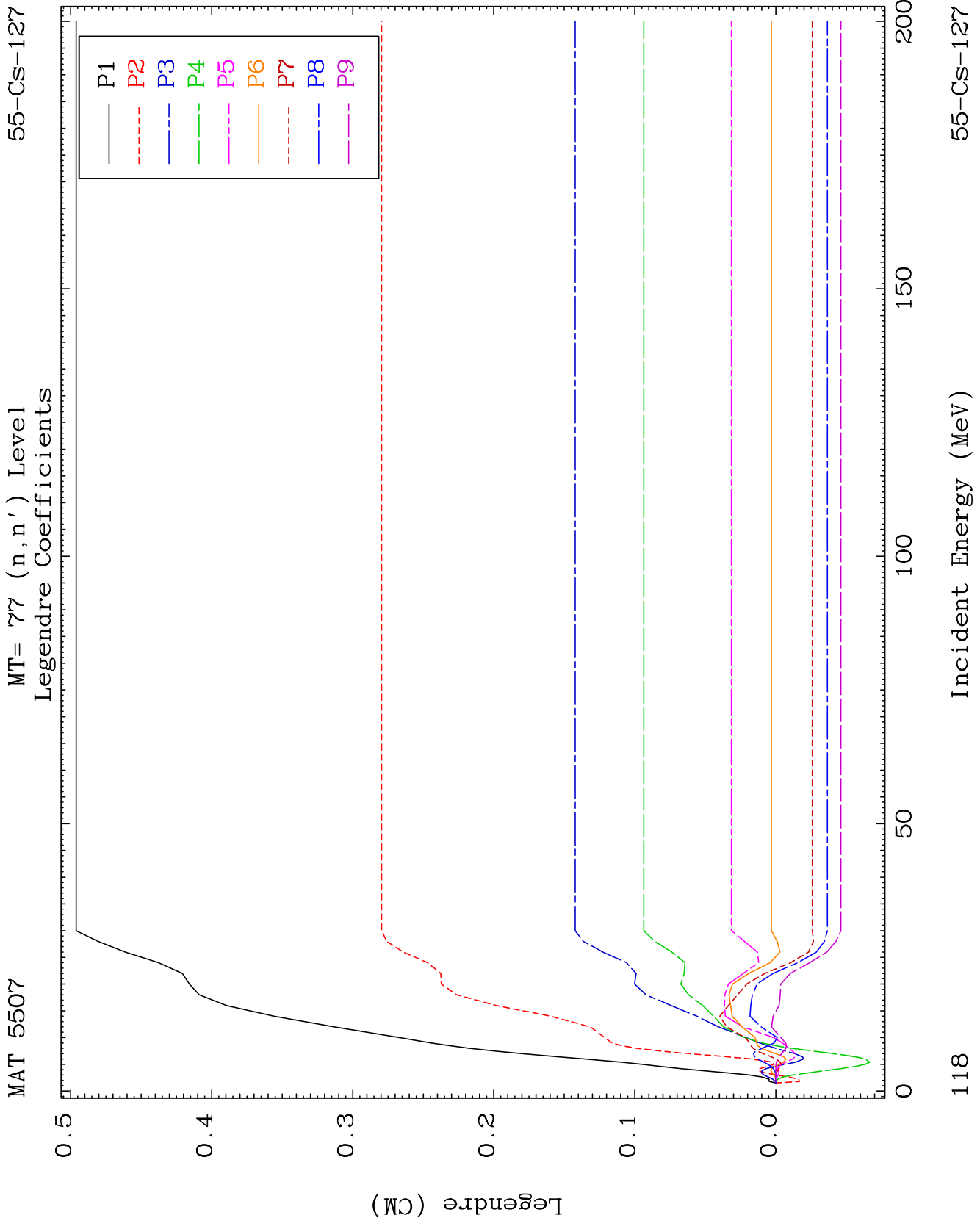


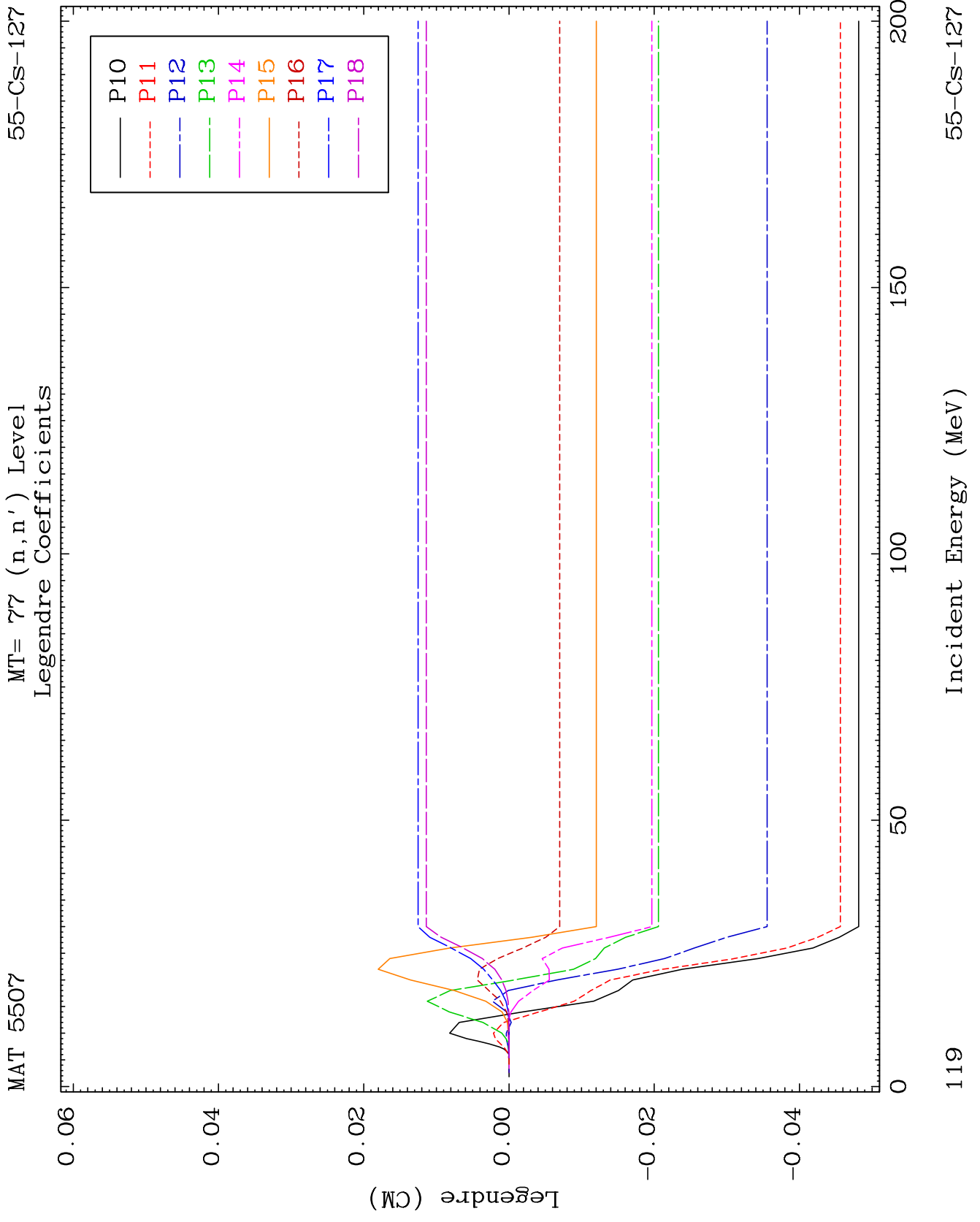
55-Cs-127

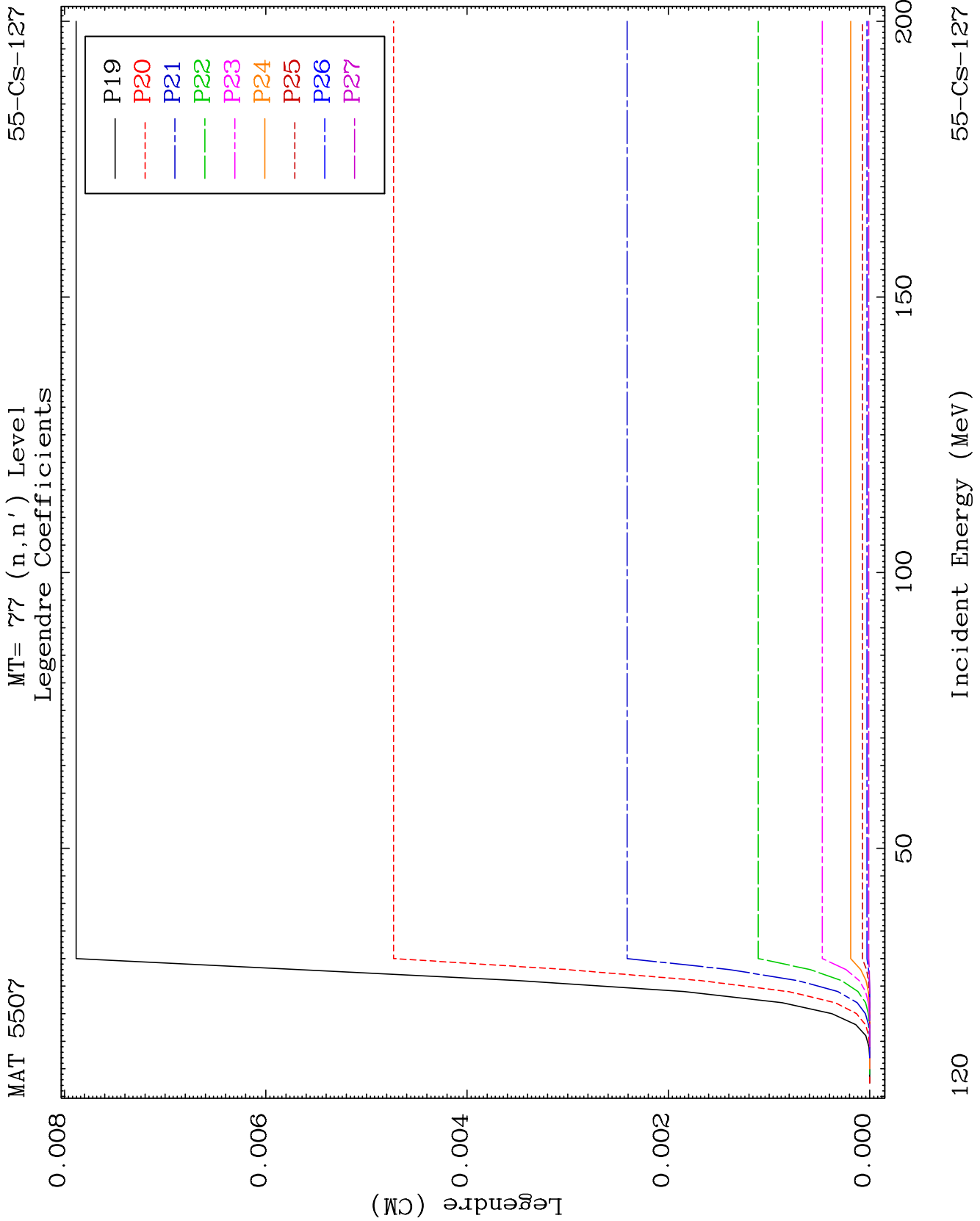
Incident Energy (MeV)

116





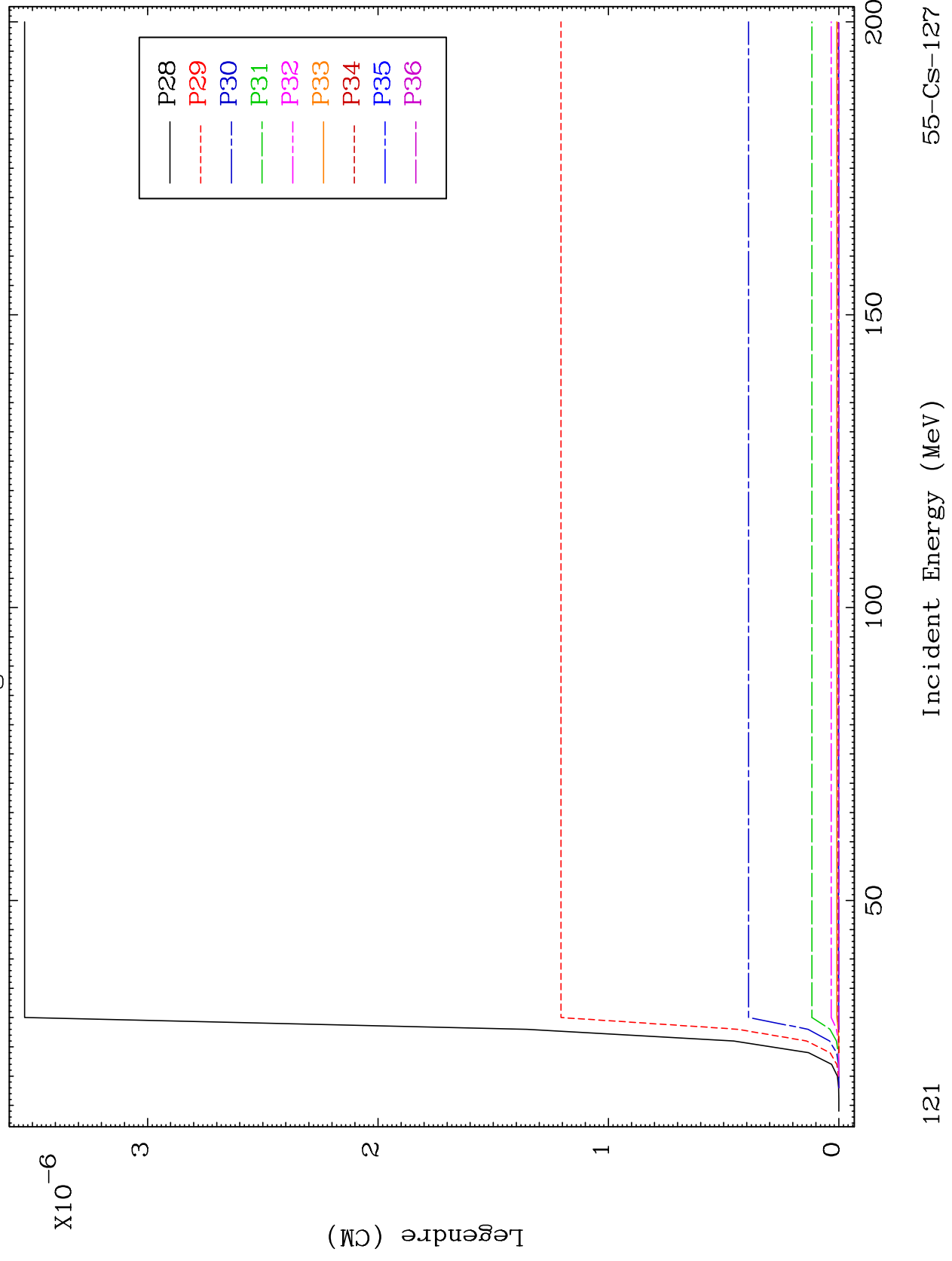




MAT 5507

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

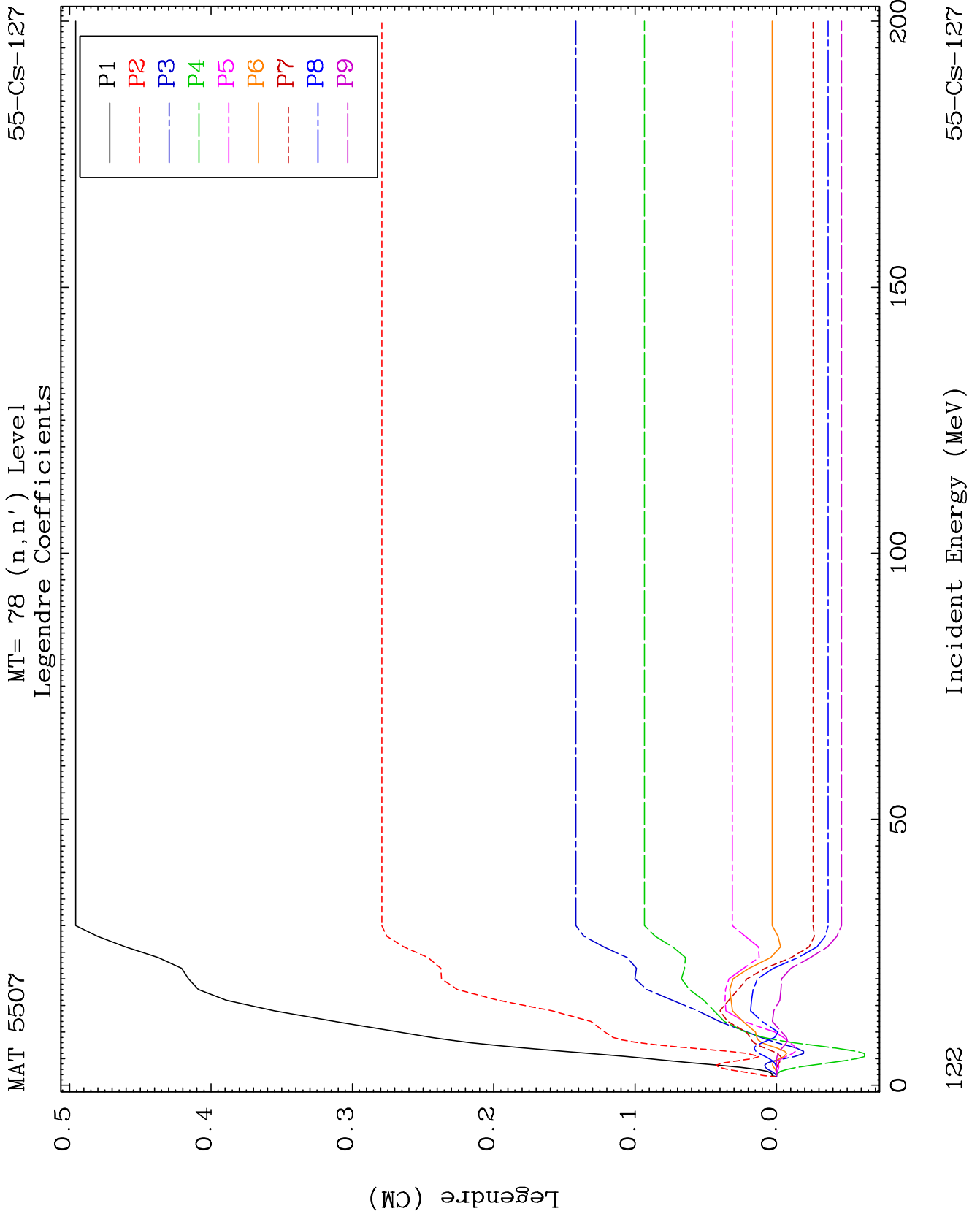
55-Cs-127



121

Incident Energy (MeV)

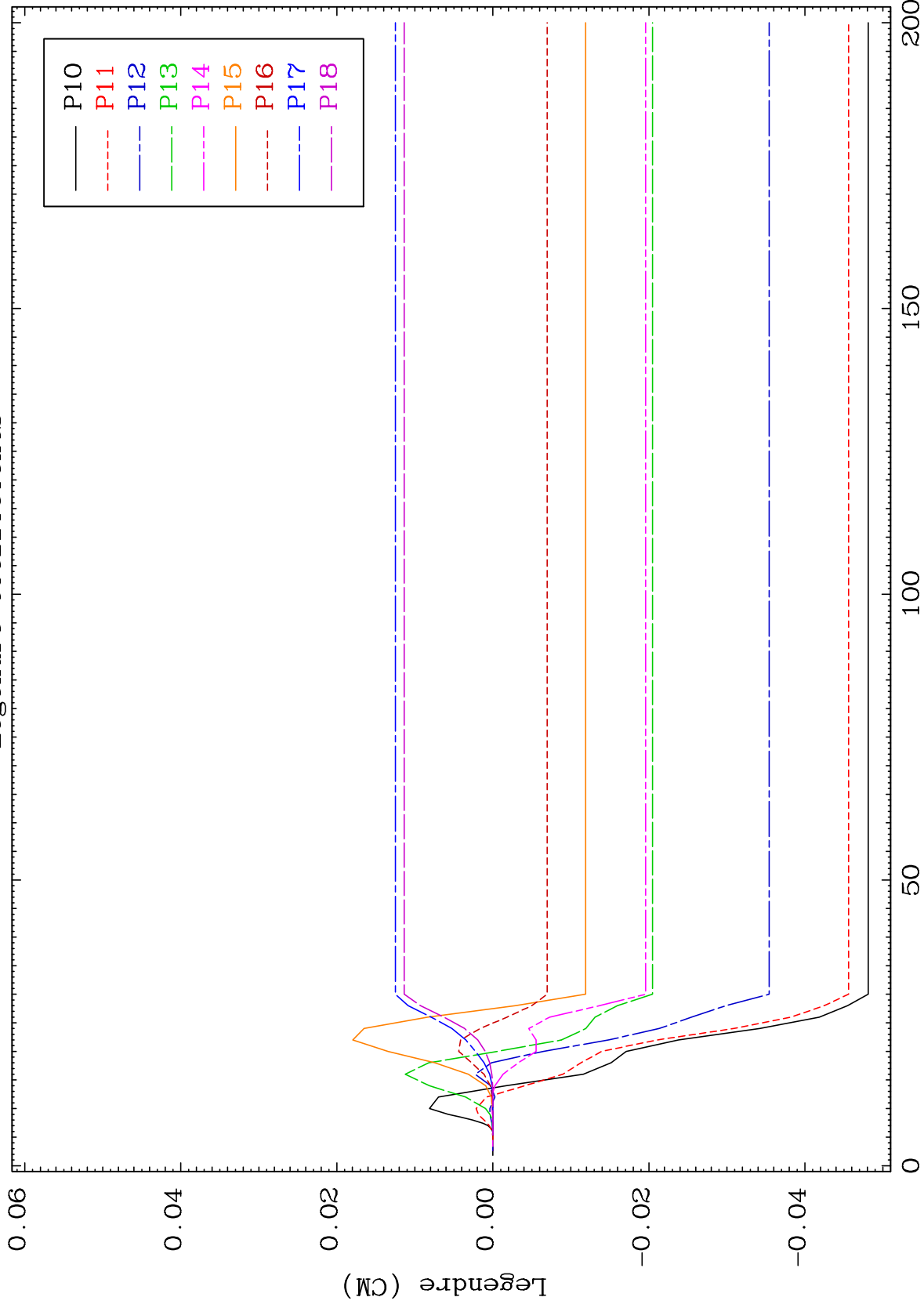
55-Cs-127



MAT 5507

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

55-Cs-127

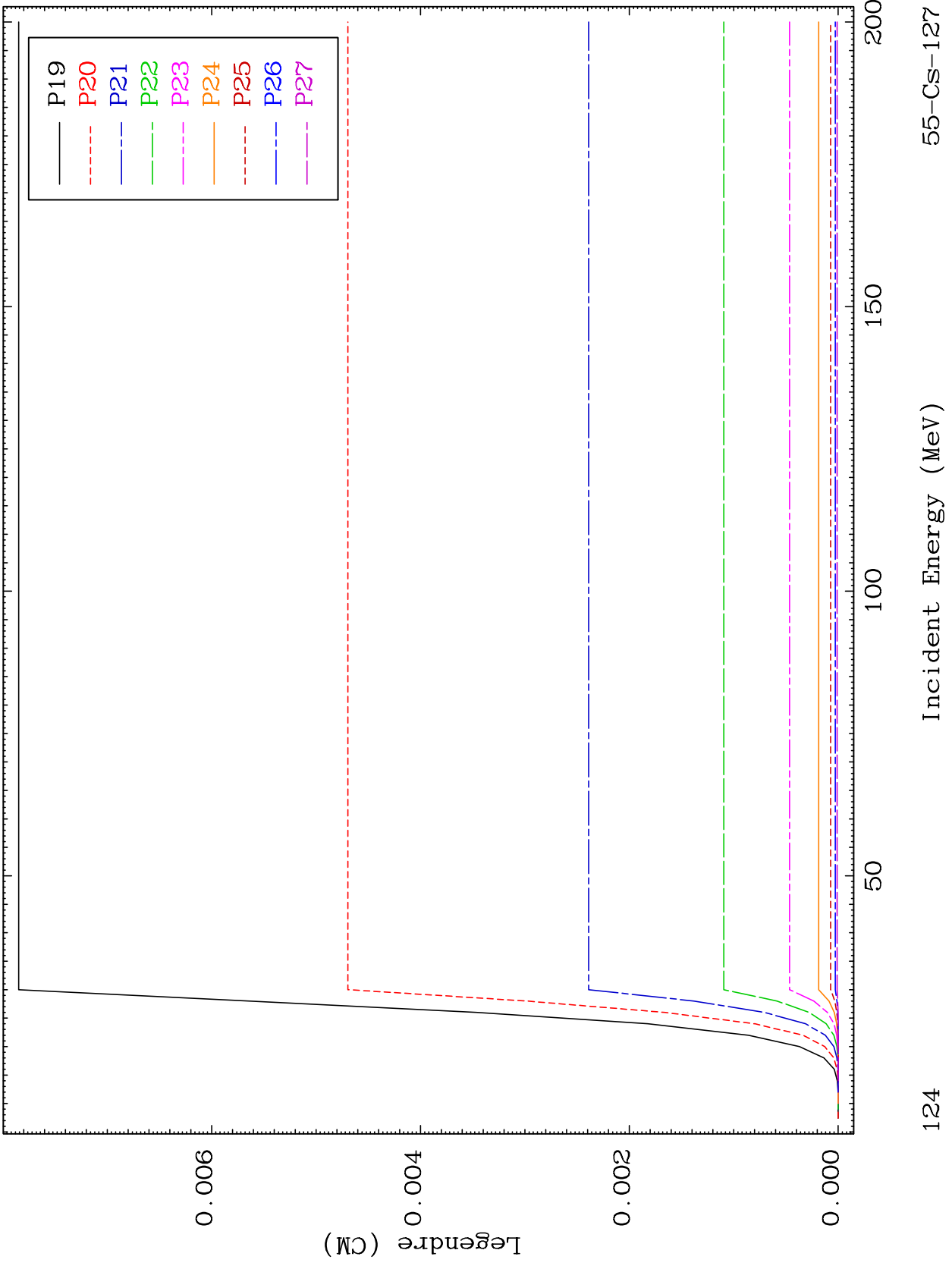


123

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-127

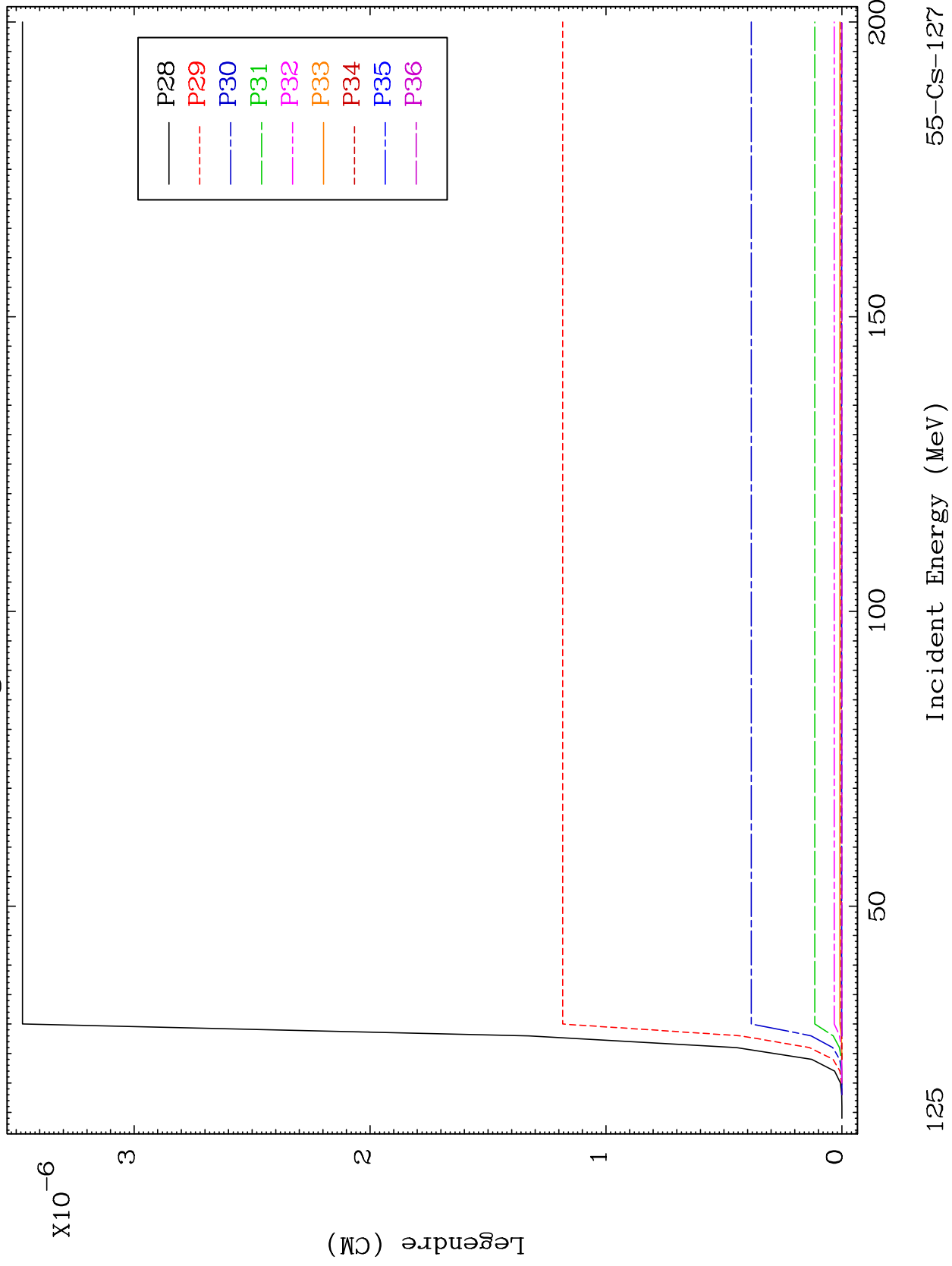


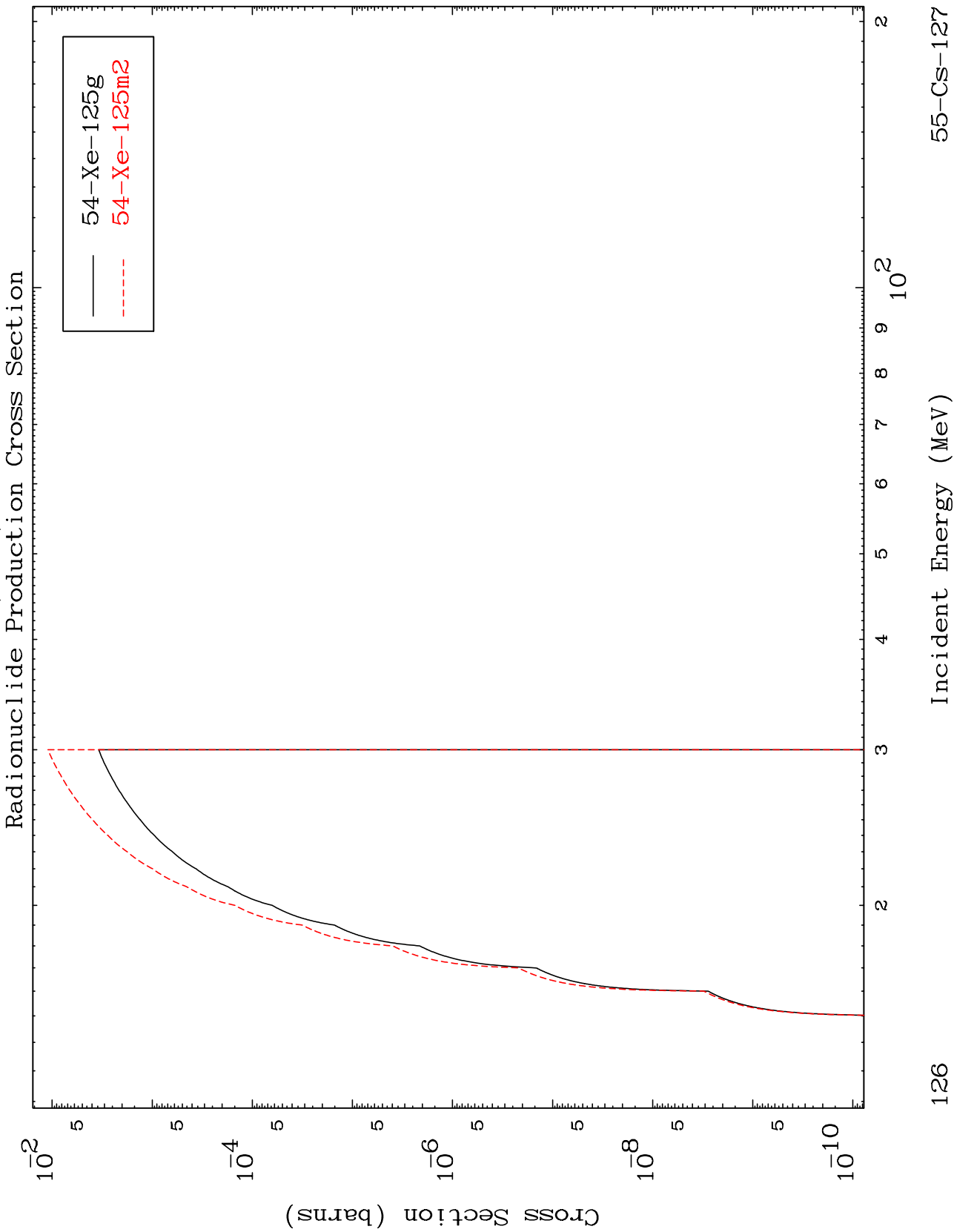
124 55-Cs-127

MAT 5507

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

55-Cs-127



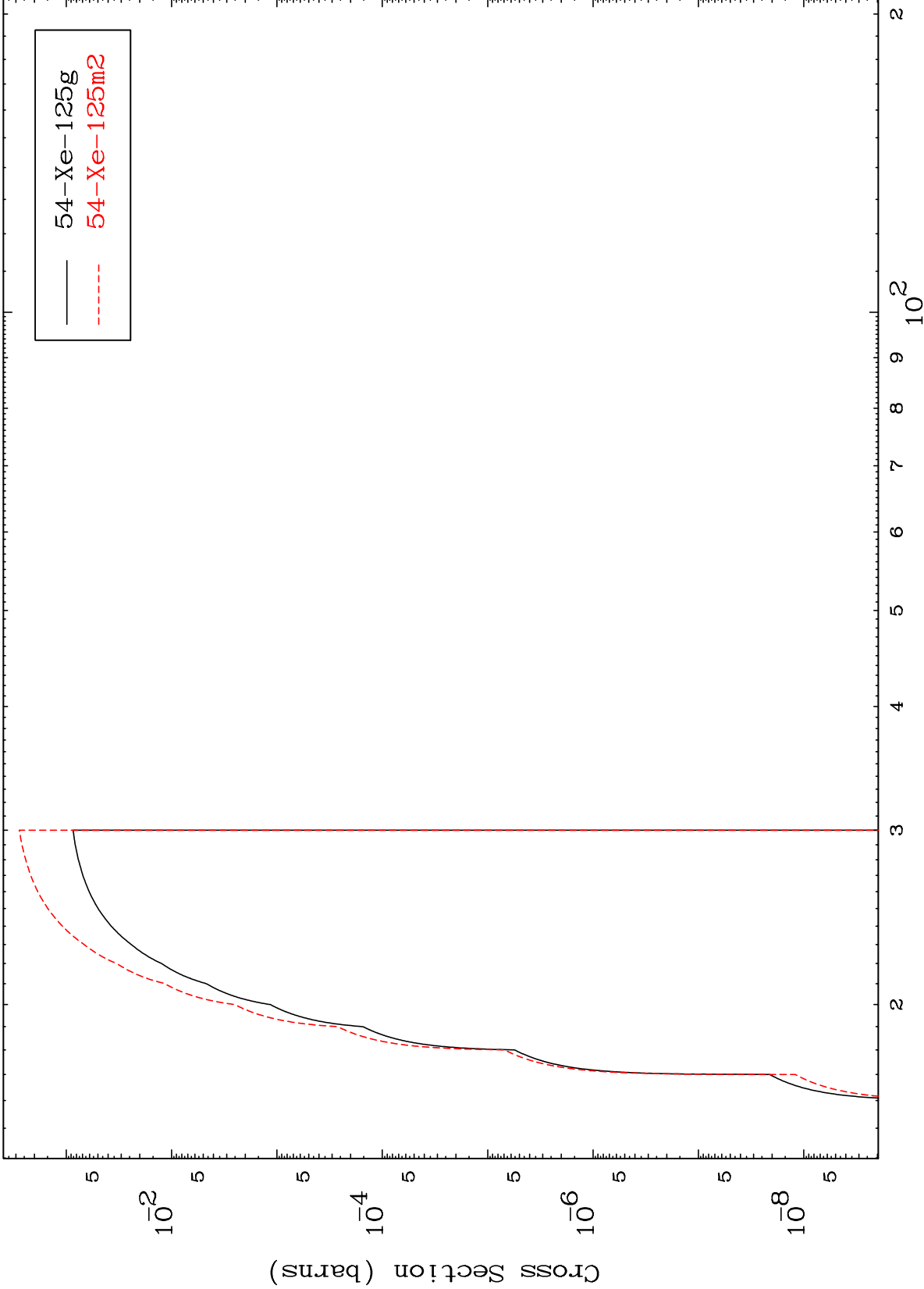


MAT 5507

(n,2n) p

55-Cs-127

Radionuclide Production Cross Section



127

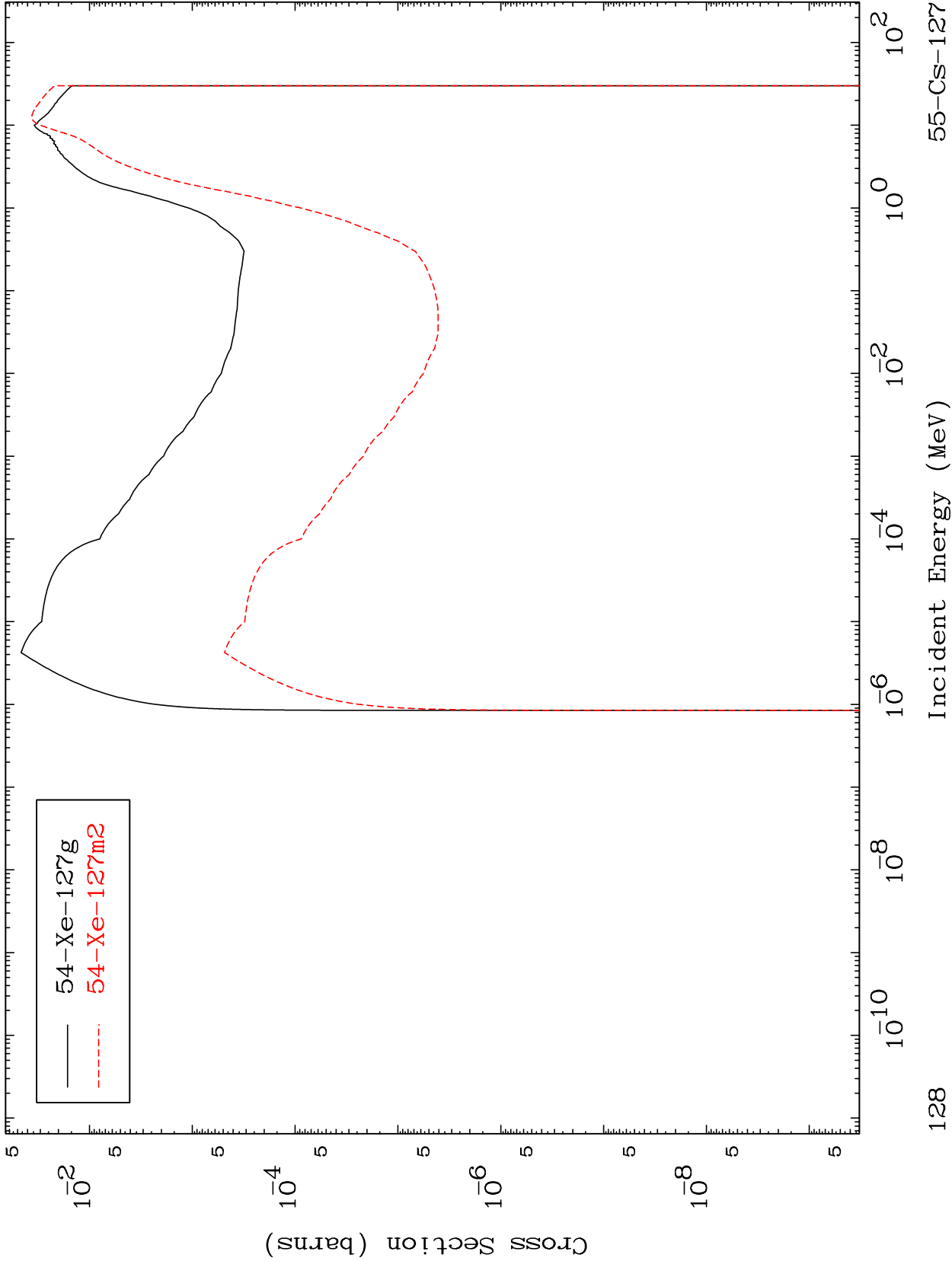
Incident Energy (MeV)

55-Cs-127

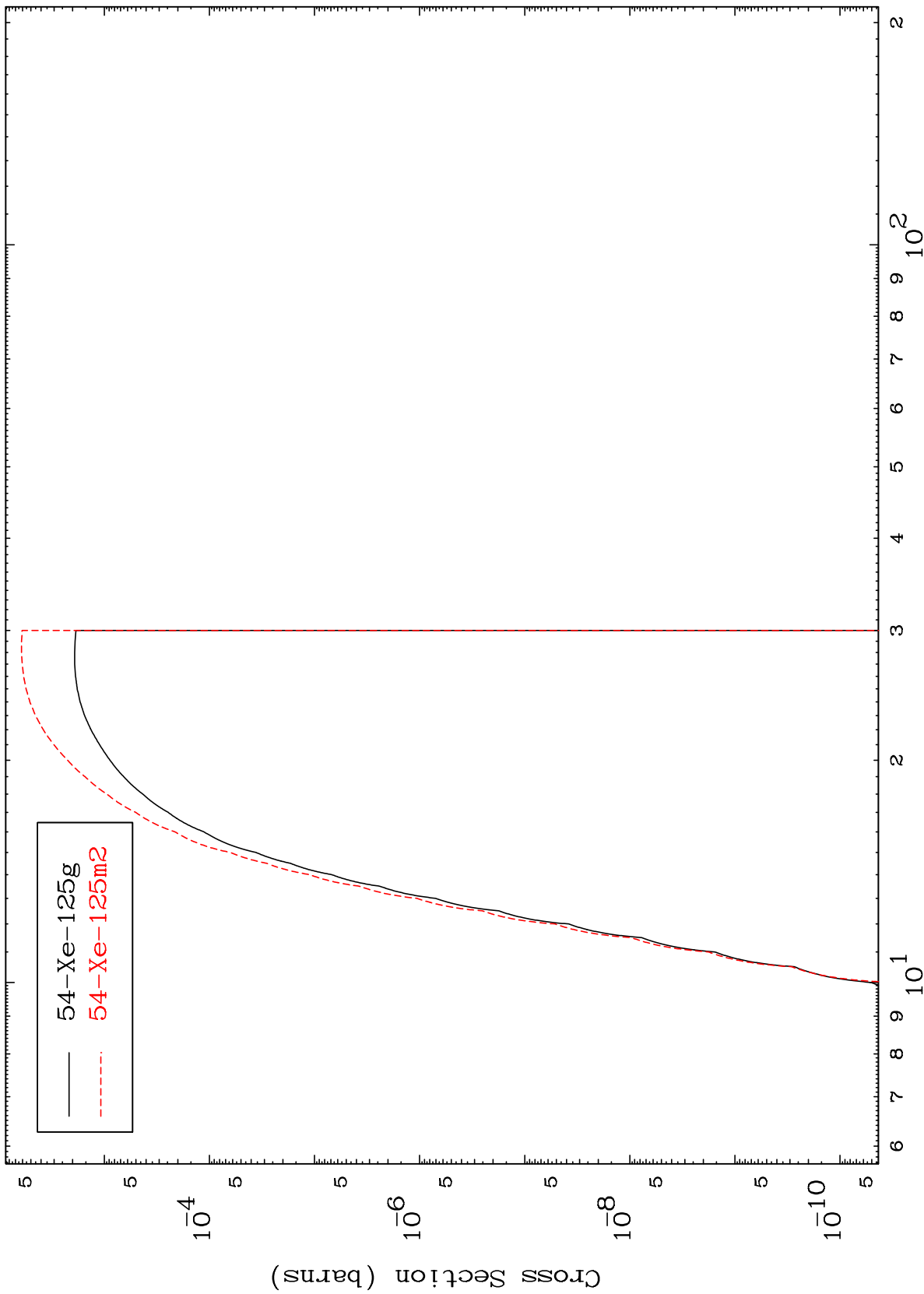
MAT 5507

55-Cs-127

(n,p)
Radionuclide Production Cross Section



(n, t)
Radionuclide Production Cross Section

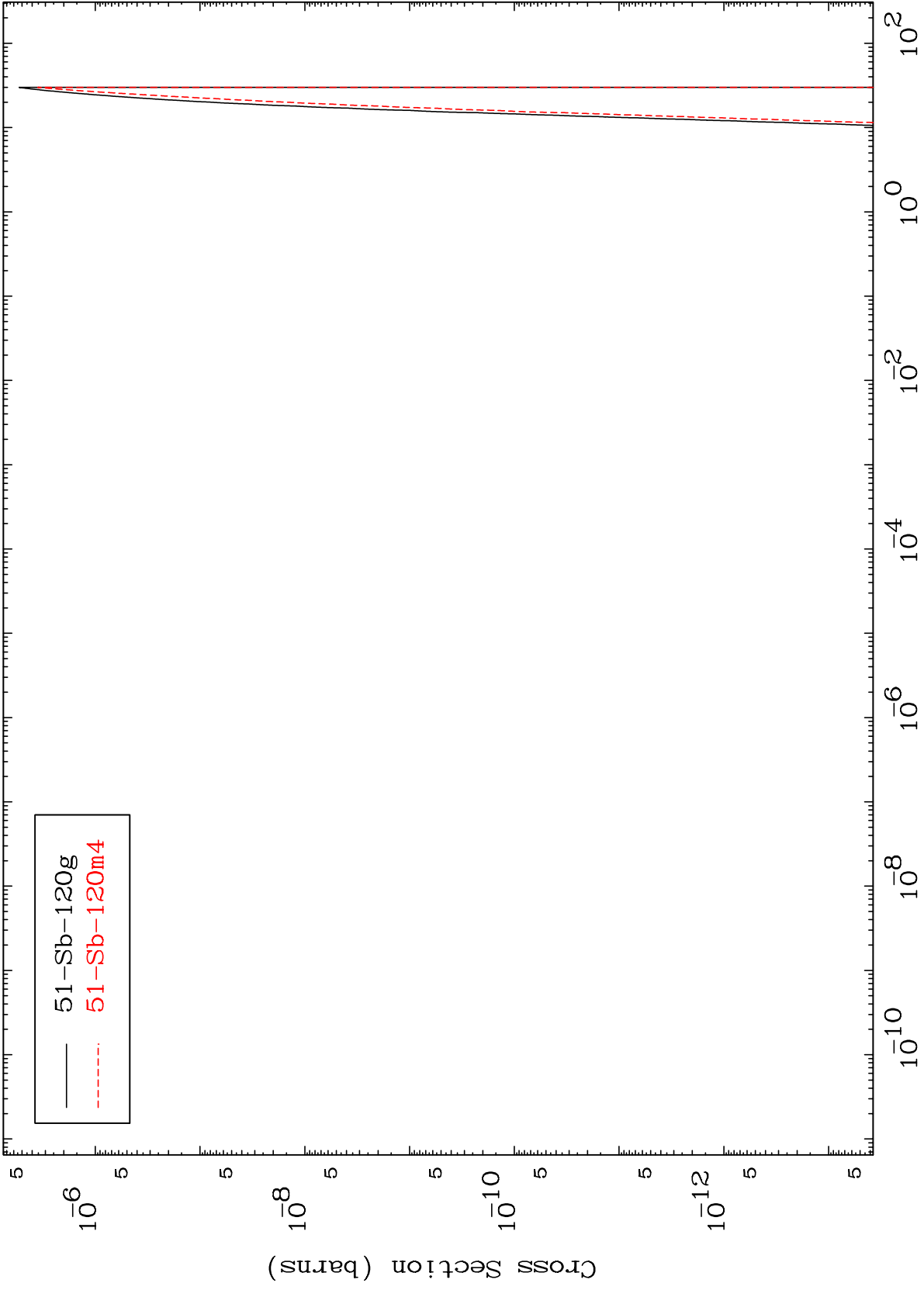


MAT 5507

(n,2α)

55-Cs-127

Radionuclide Production Cross Section

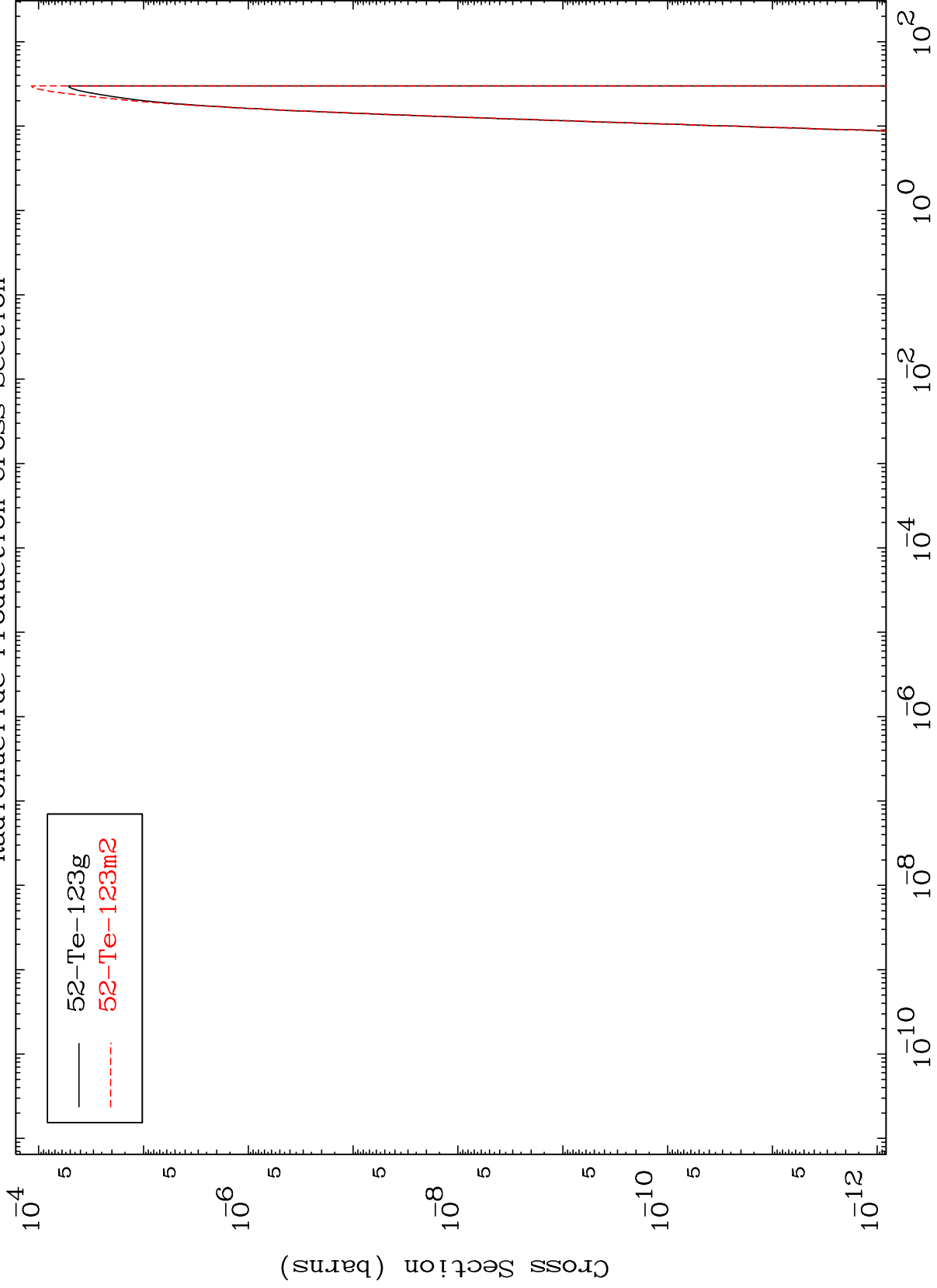


MAT 5507

(n,p) α

55-Cs-127

Radionuclide Production Cross Section



131

Incident Energy (MeV)

55-Cs-127