

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

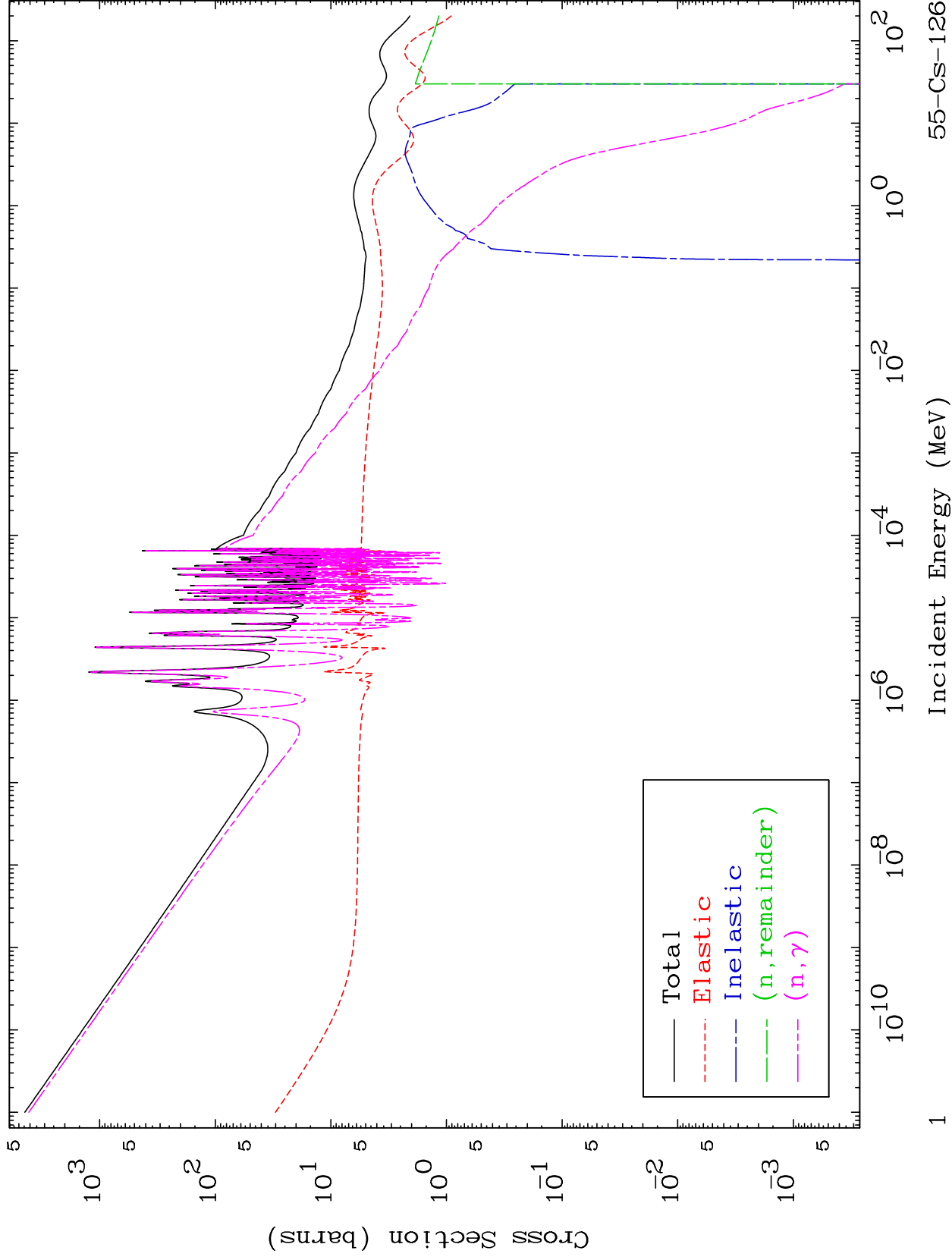
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5504

Major
293 Kelvin Cross Sections

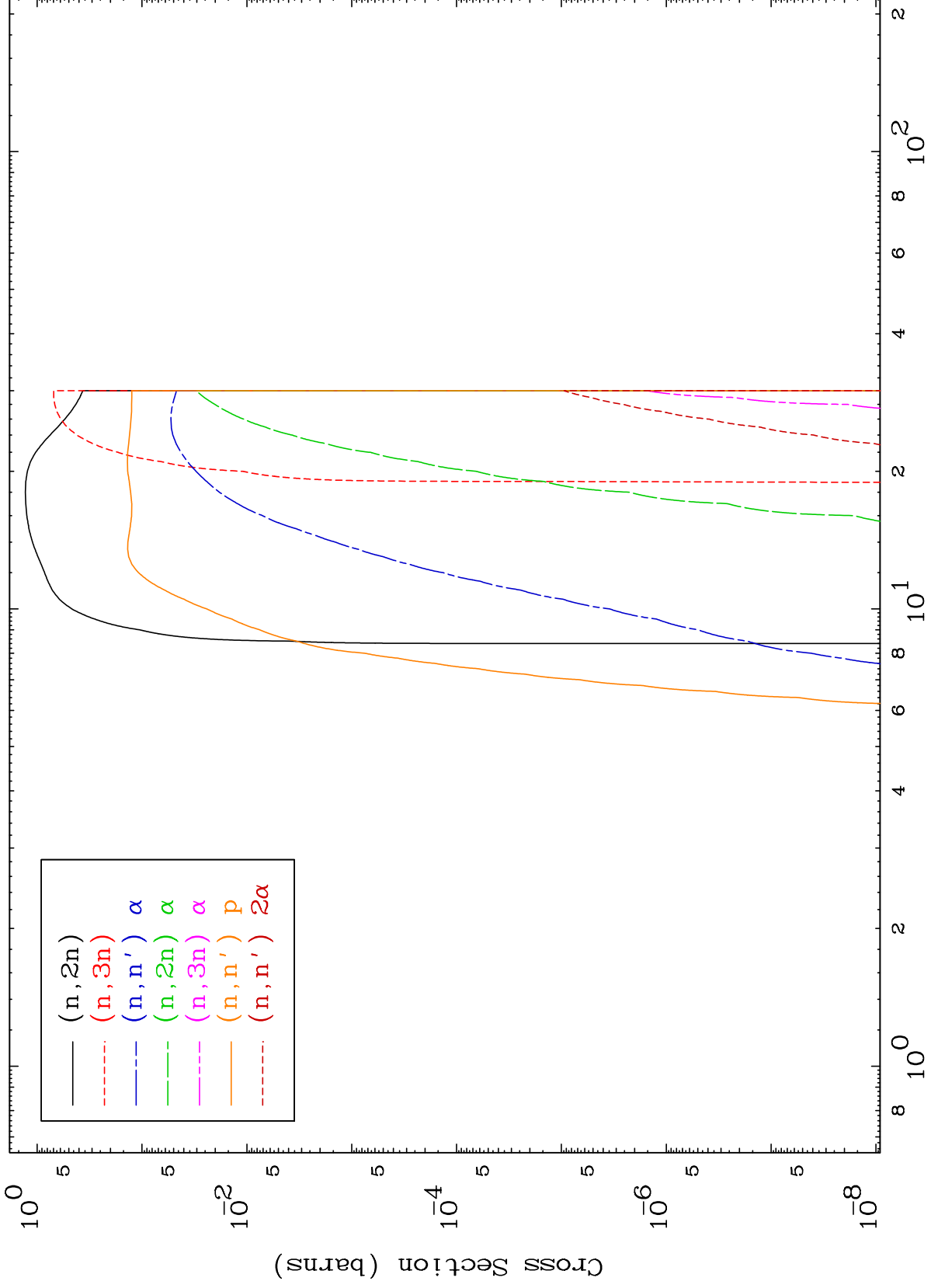
55-Cs-126



MAT 5504

Neutron Production
293 Kelvin Cross Sections

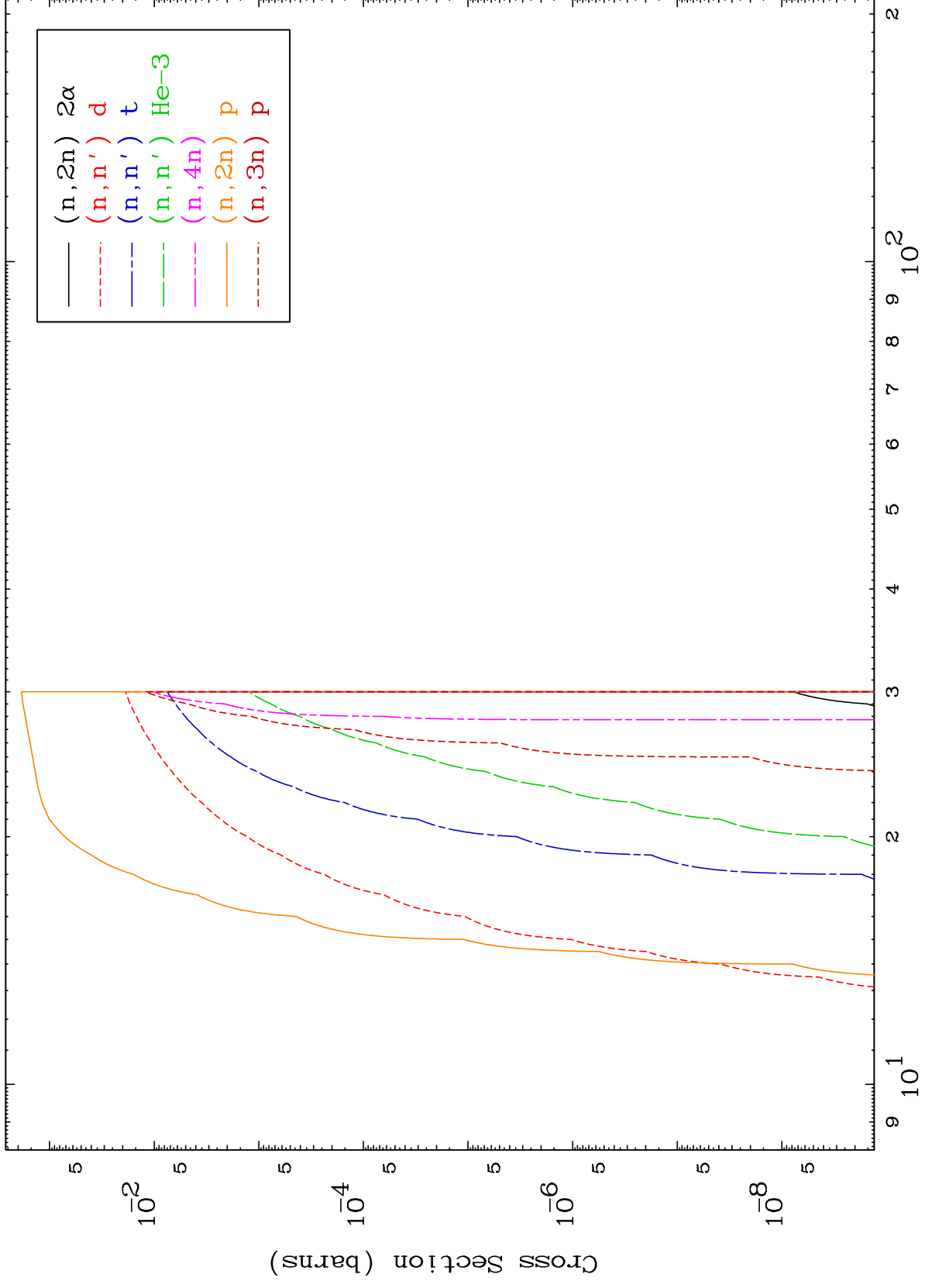
55-Cs-126



2

Incident Energy (MeV)

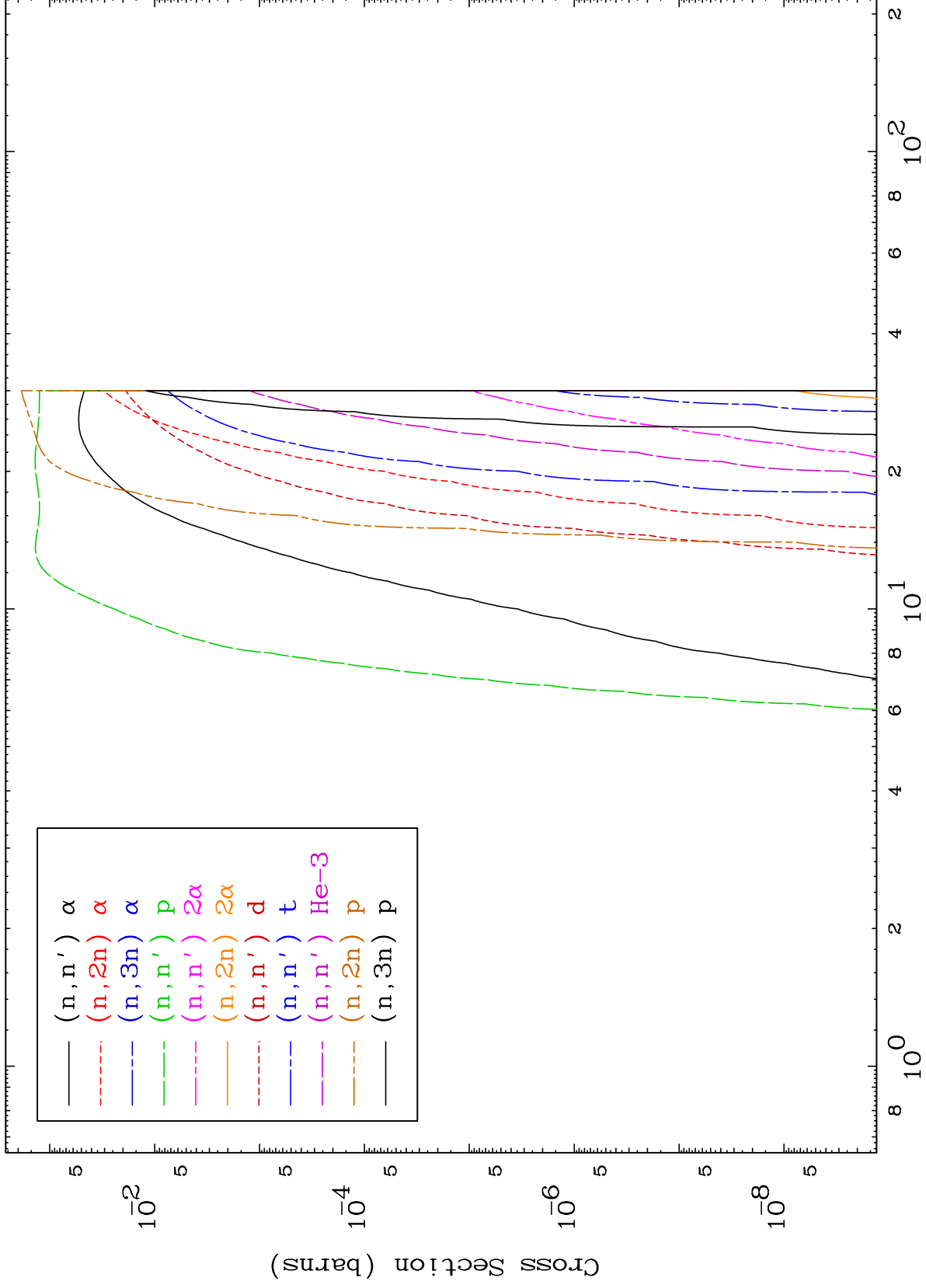
55-Cs-126



MAT 5504

Charged Particle
293 Kelvin Cross Sections

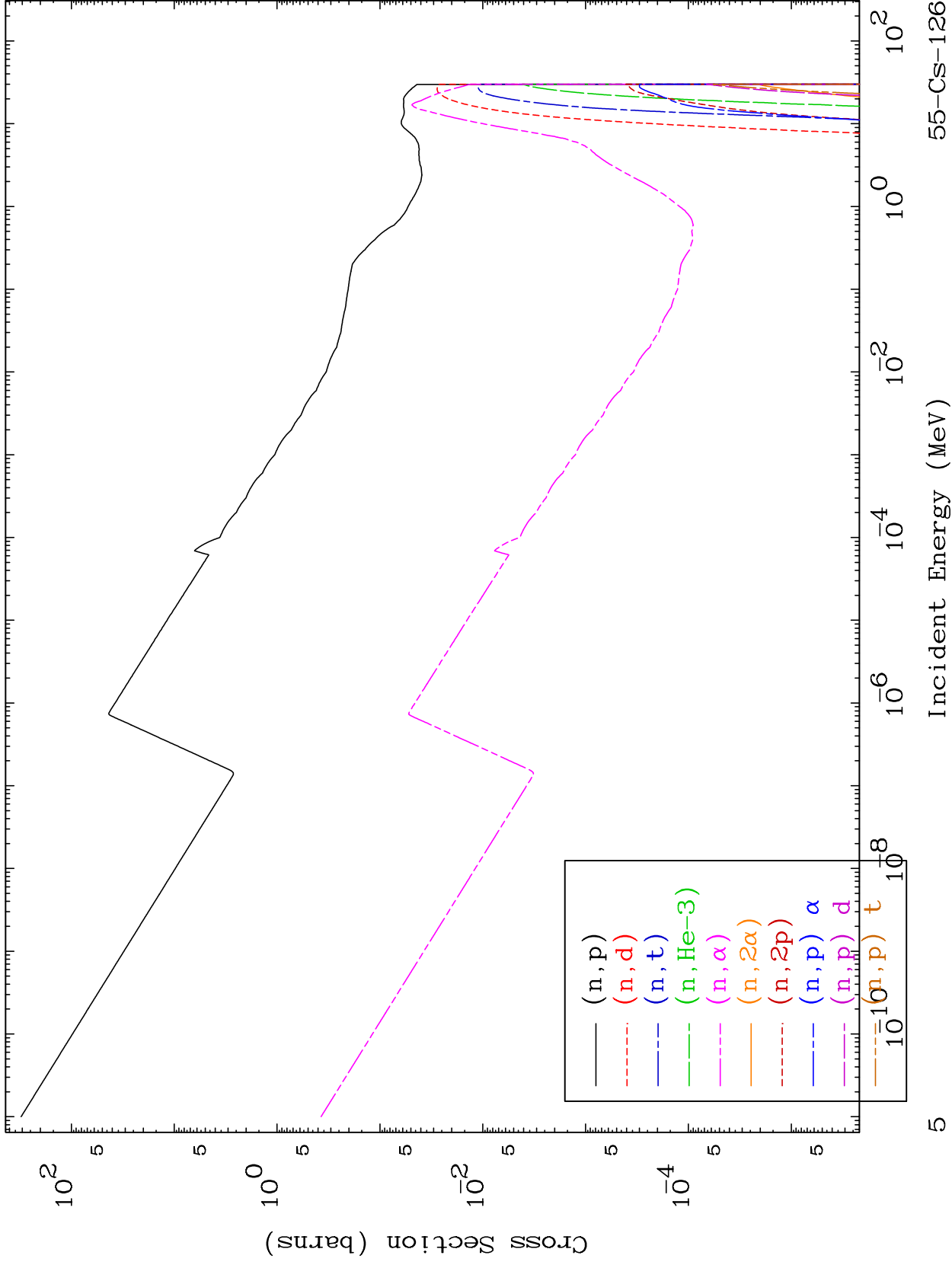
55-Cs-126



MAT 5504

Charged Particle
293 Kelvin Cross Sections

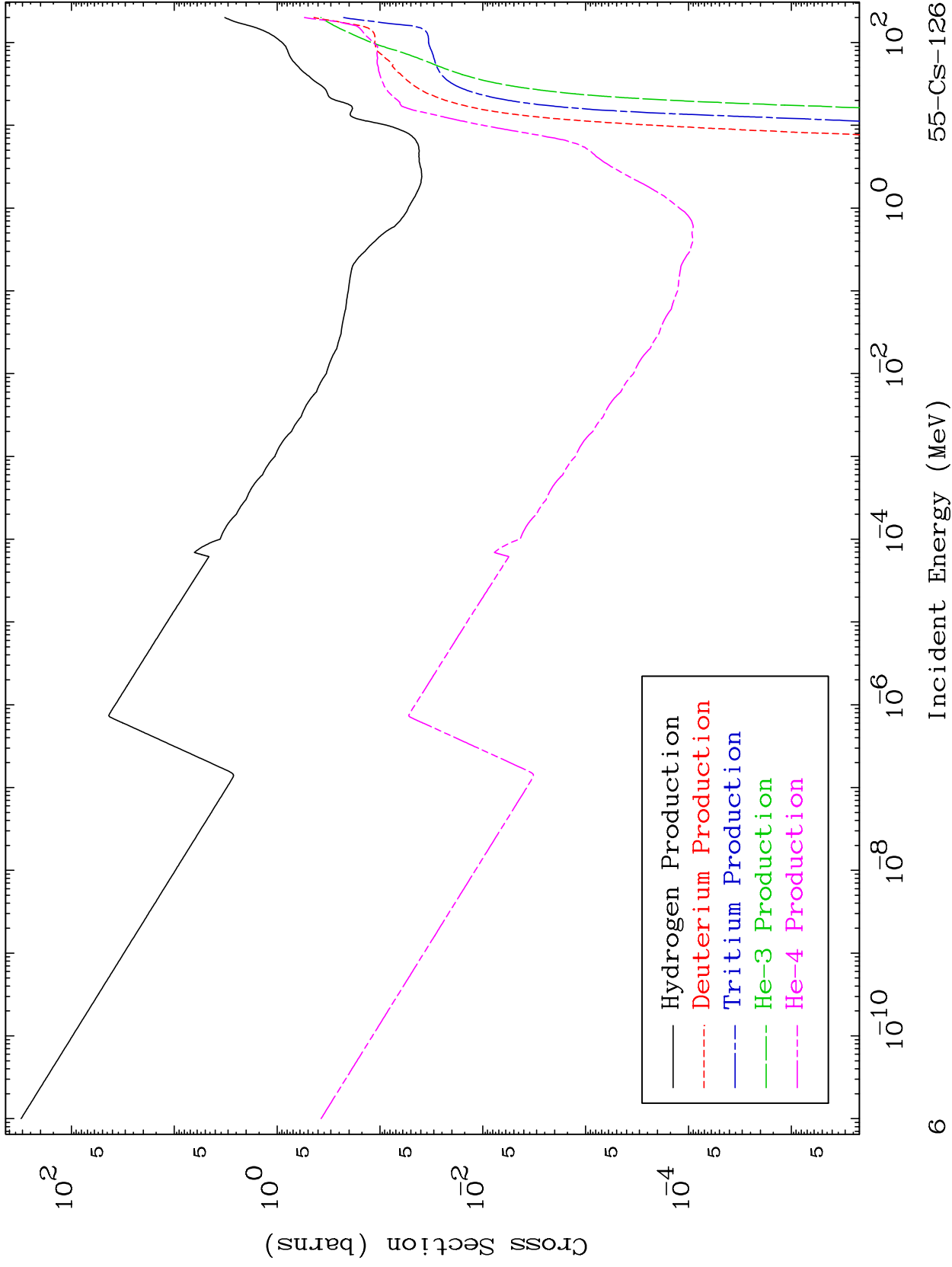
55-Cs-126



MAT 5504

Particle Production
293 Kelvin Cross Sections

55-Cs-126

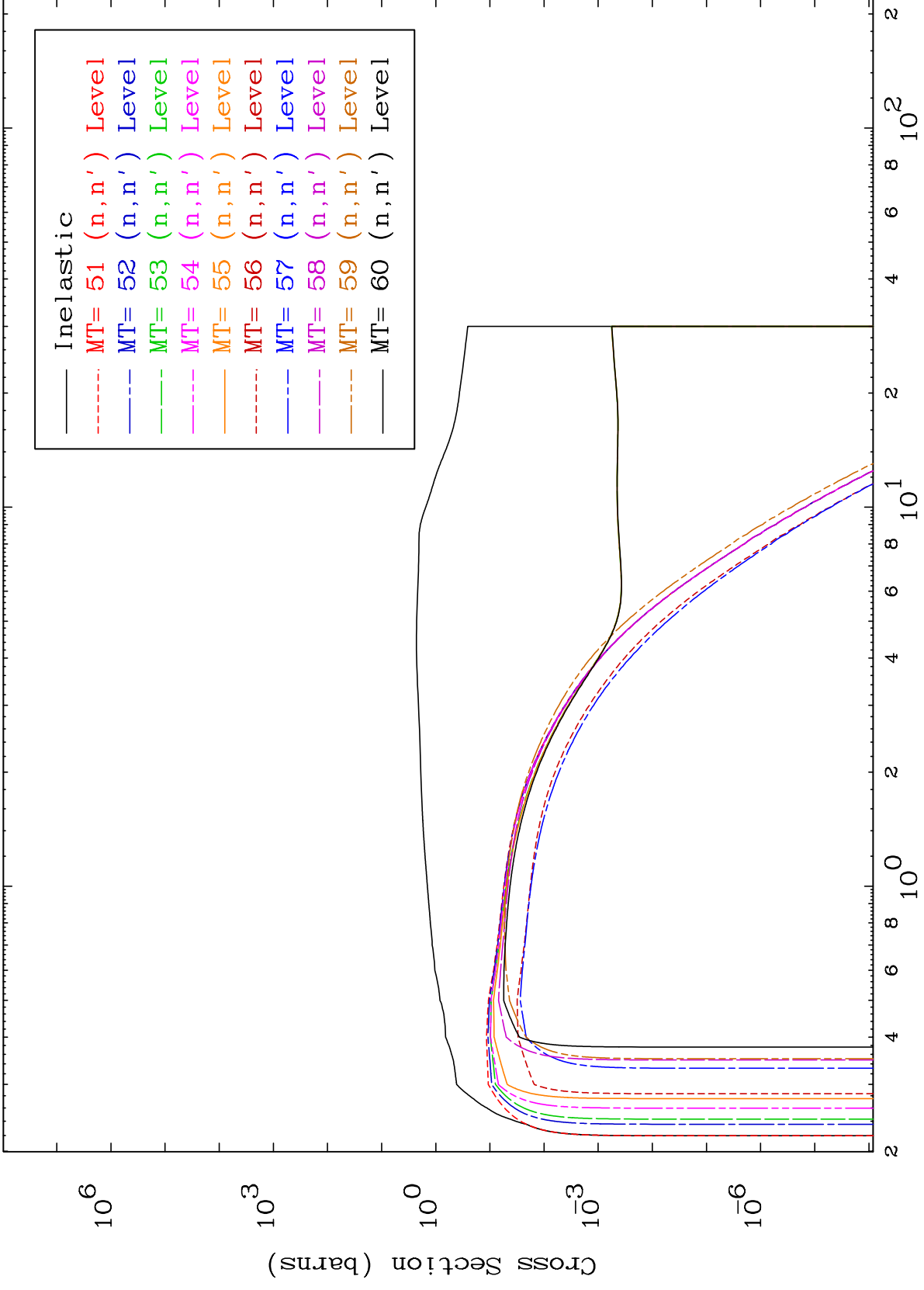


MAT 5504

(n,n') Level

55-Cs-126

293 Kelvin Cross Sections

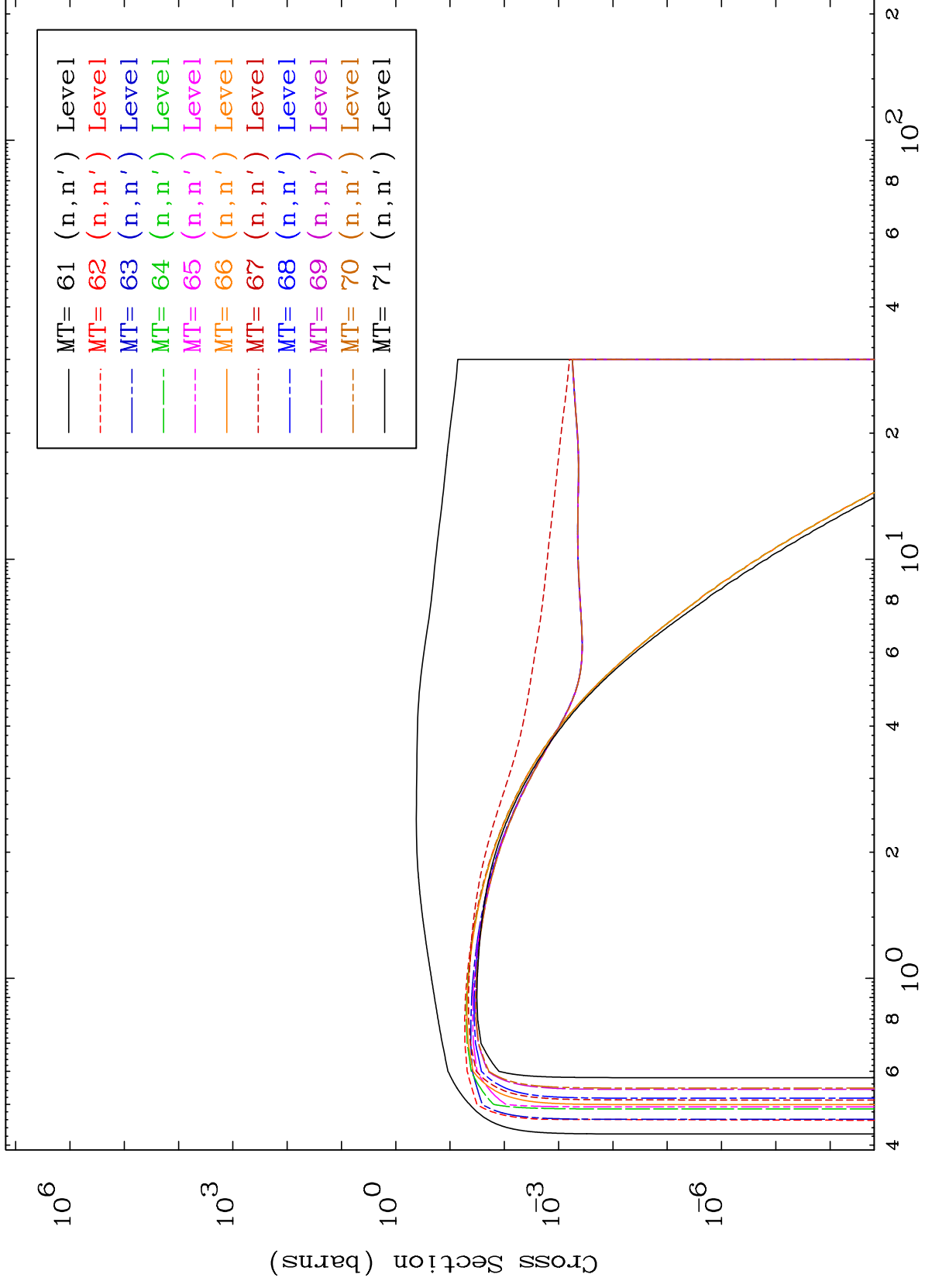


MAT 5504

(n,n') Level

293 Kelvin Cross Sections

55-Cs-126



8

Incident Energy (MeV)

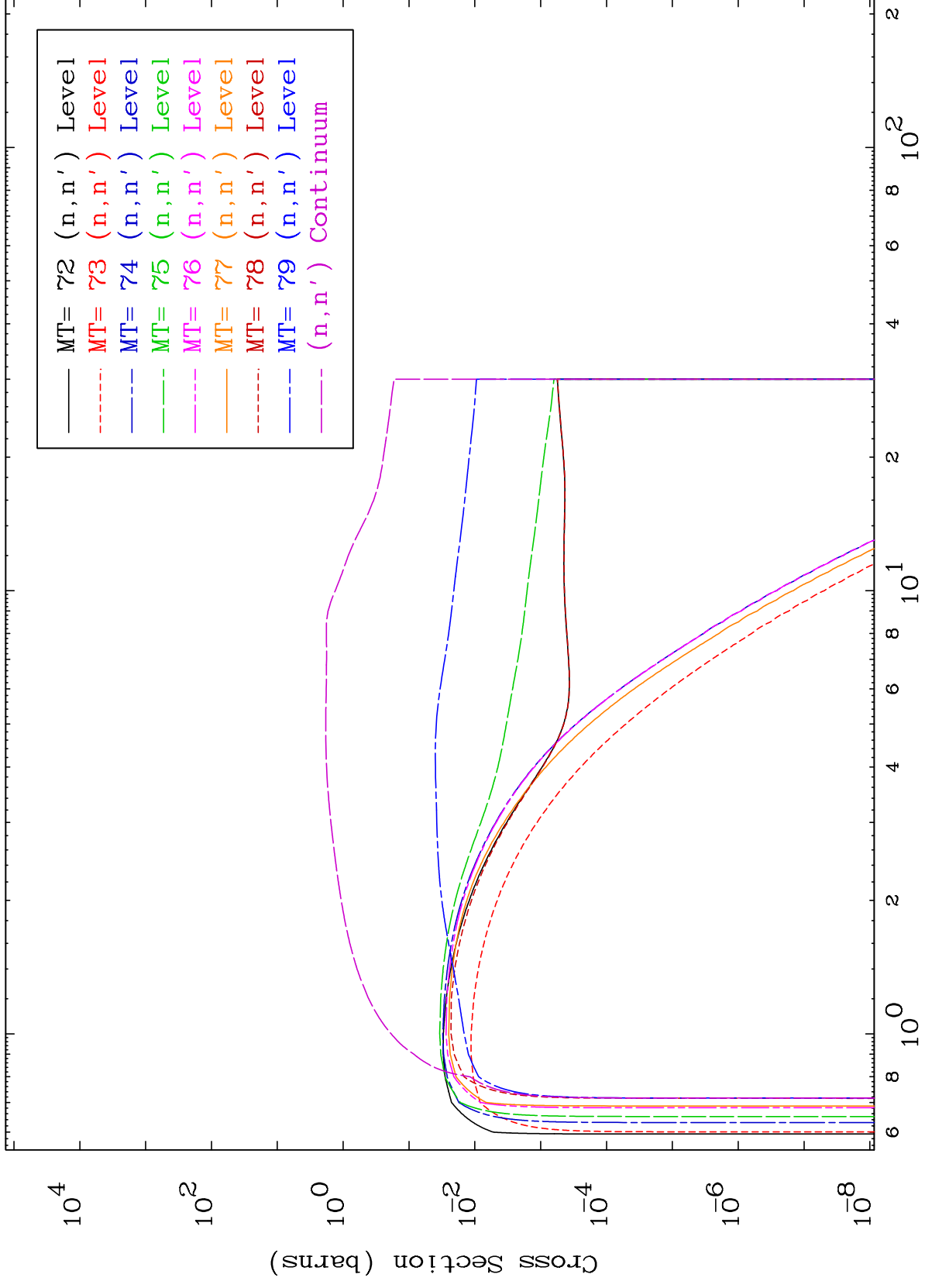
55-Cs-126

MAT 5504

(n,n') Level

293 Kelvin Cross Sections

55-Cs-126



9

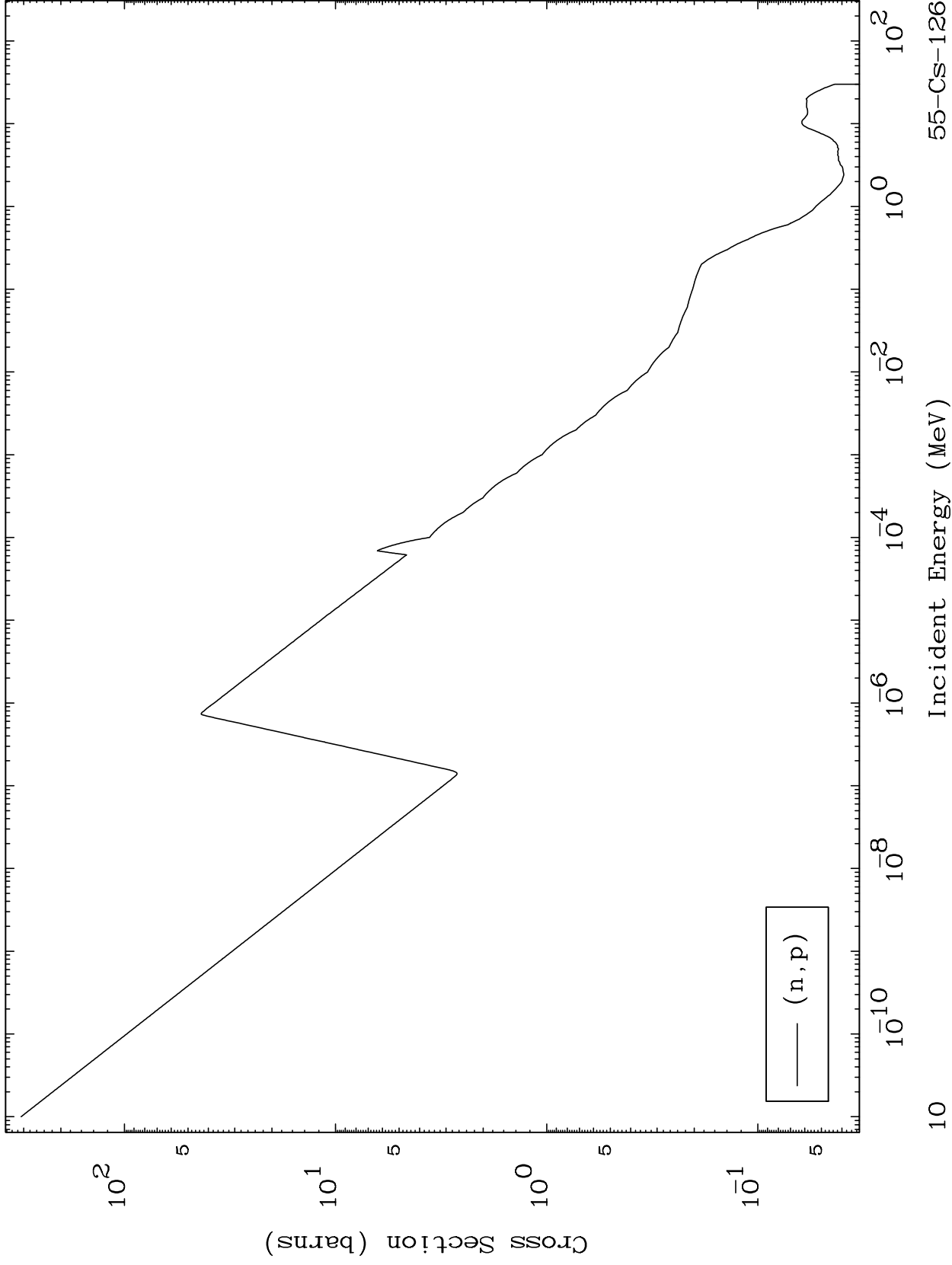
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,p) Levels
293 Kelvin Cross Sections

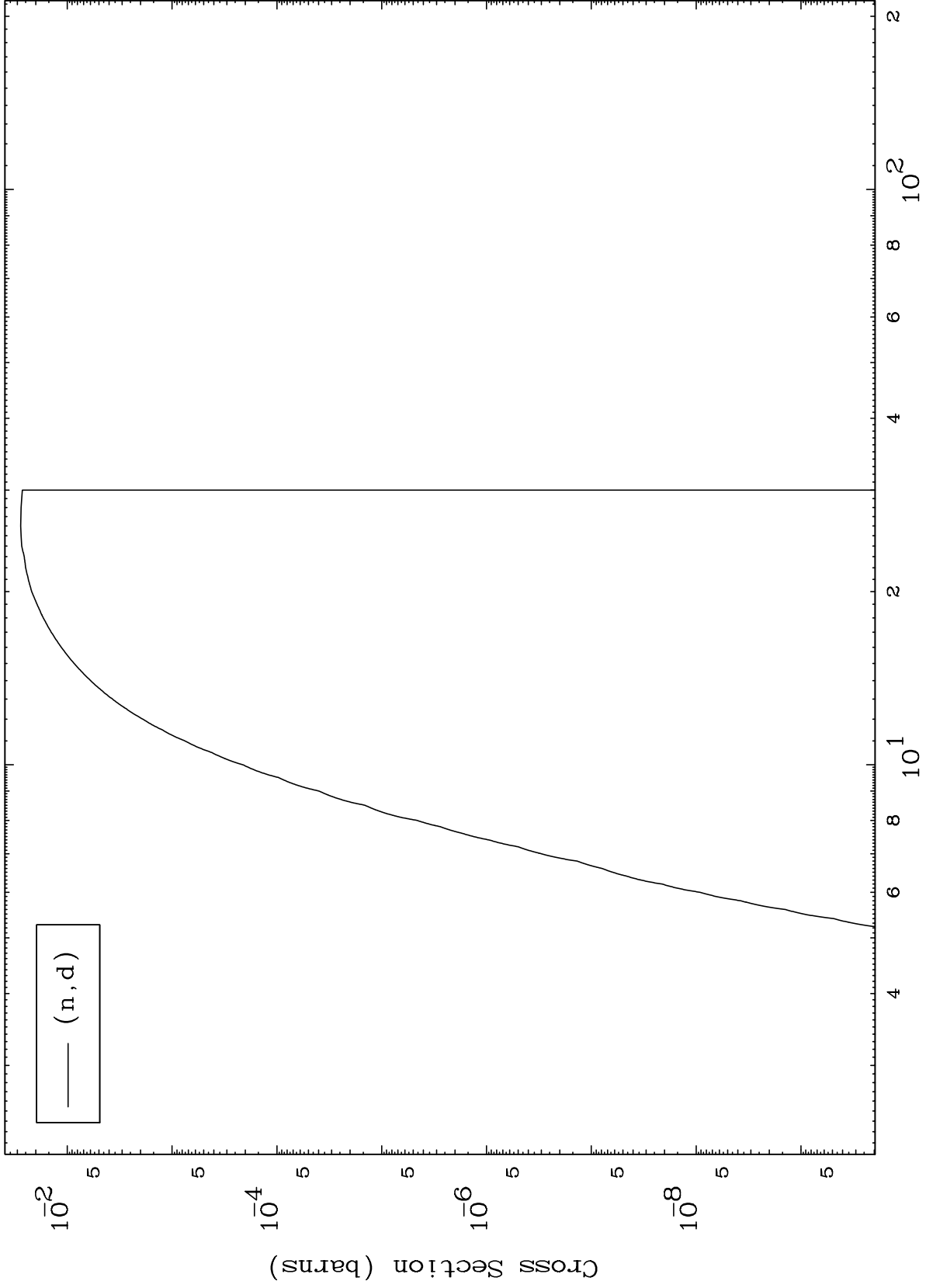
55-Cs-126



MAT 5504

(n,d) Levels
293 Kelvin Cross Sections

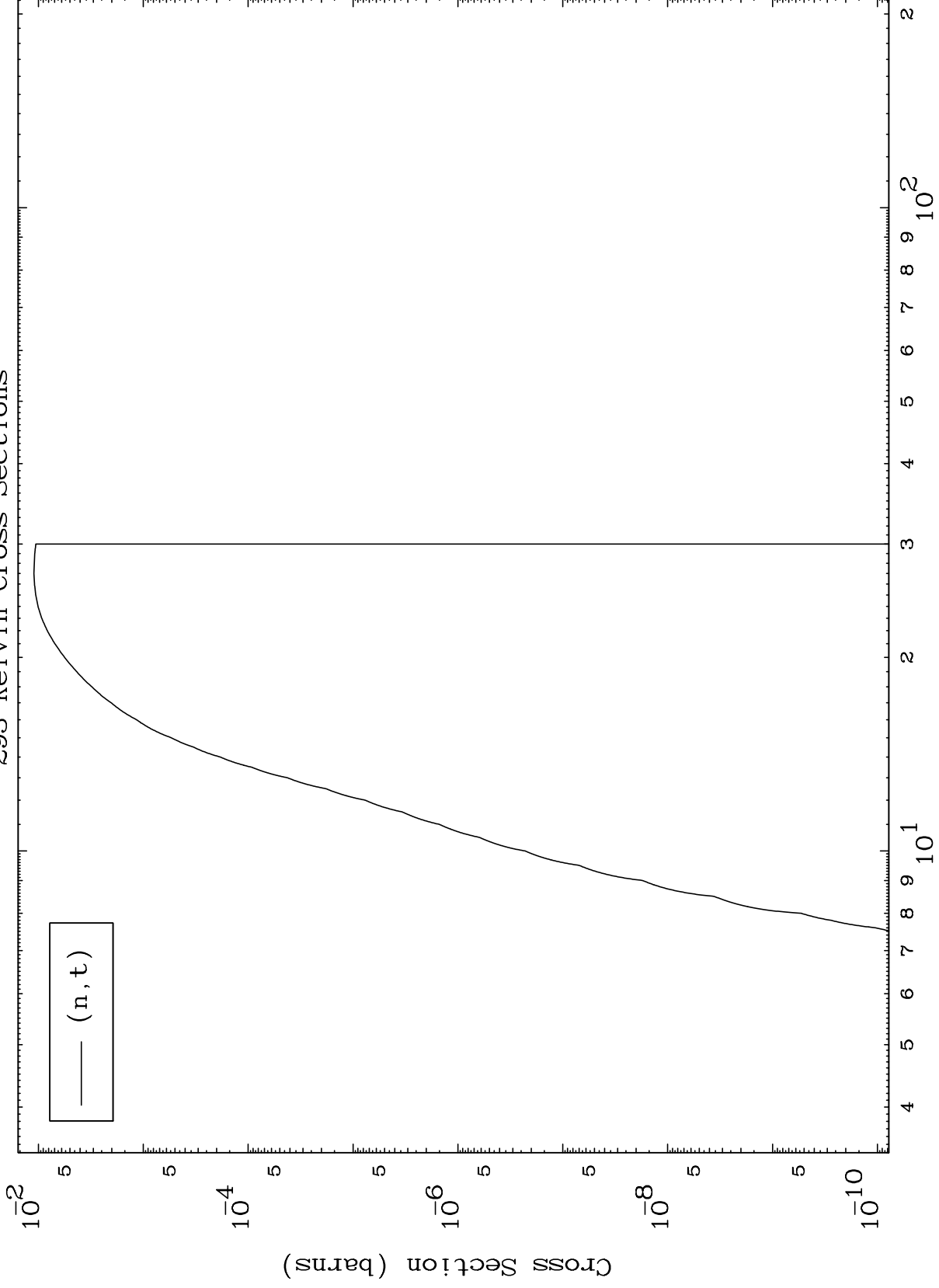
55-Cs-126



MAT 5504

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-126



12

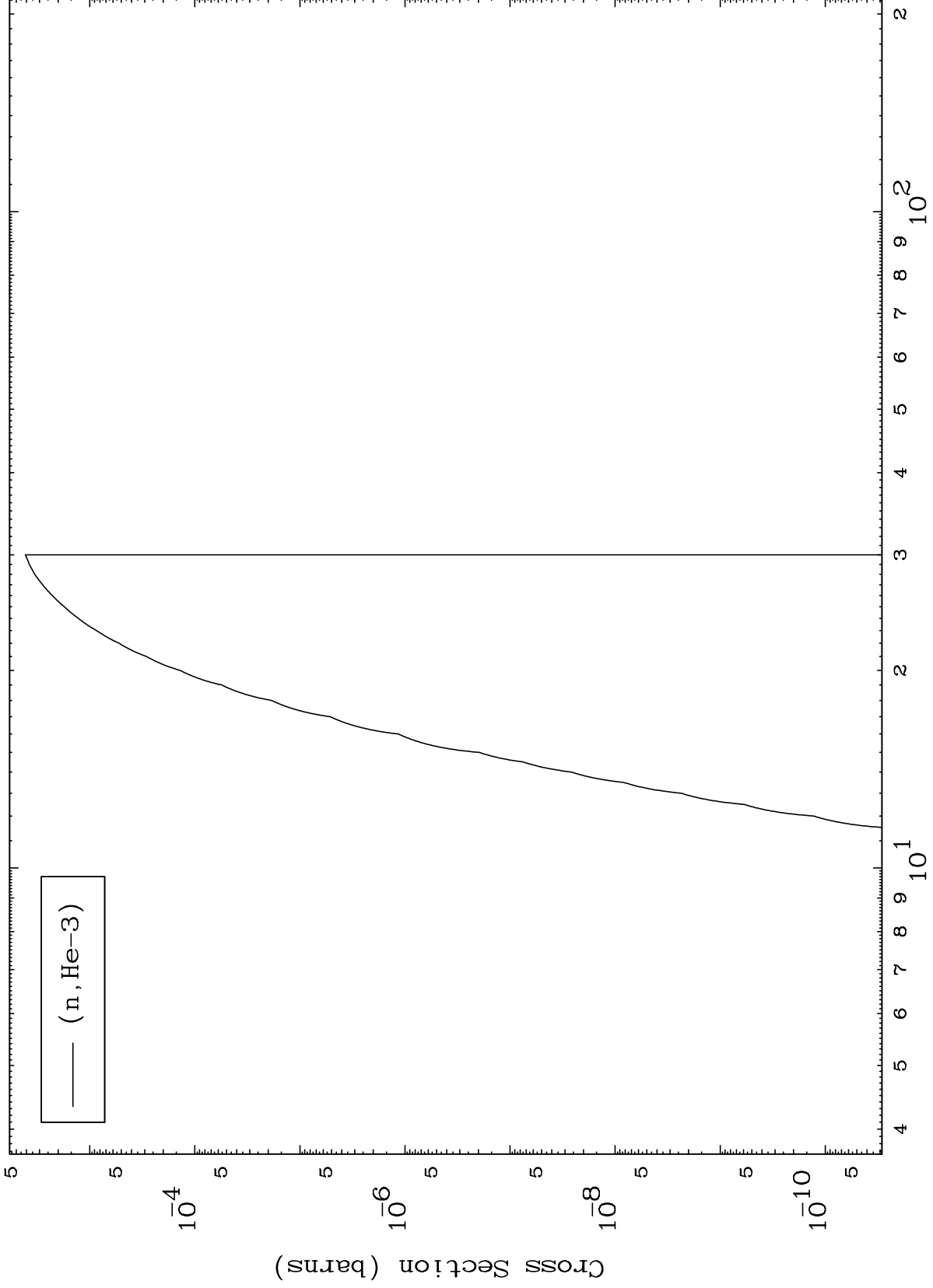
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-126



13

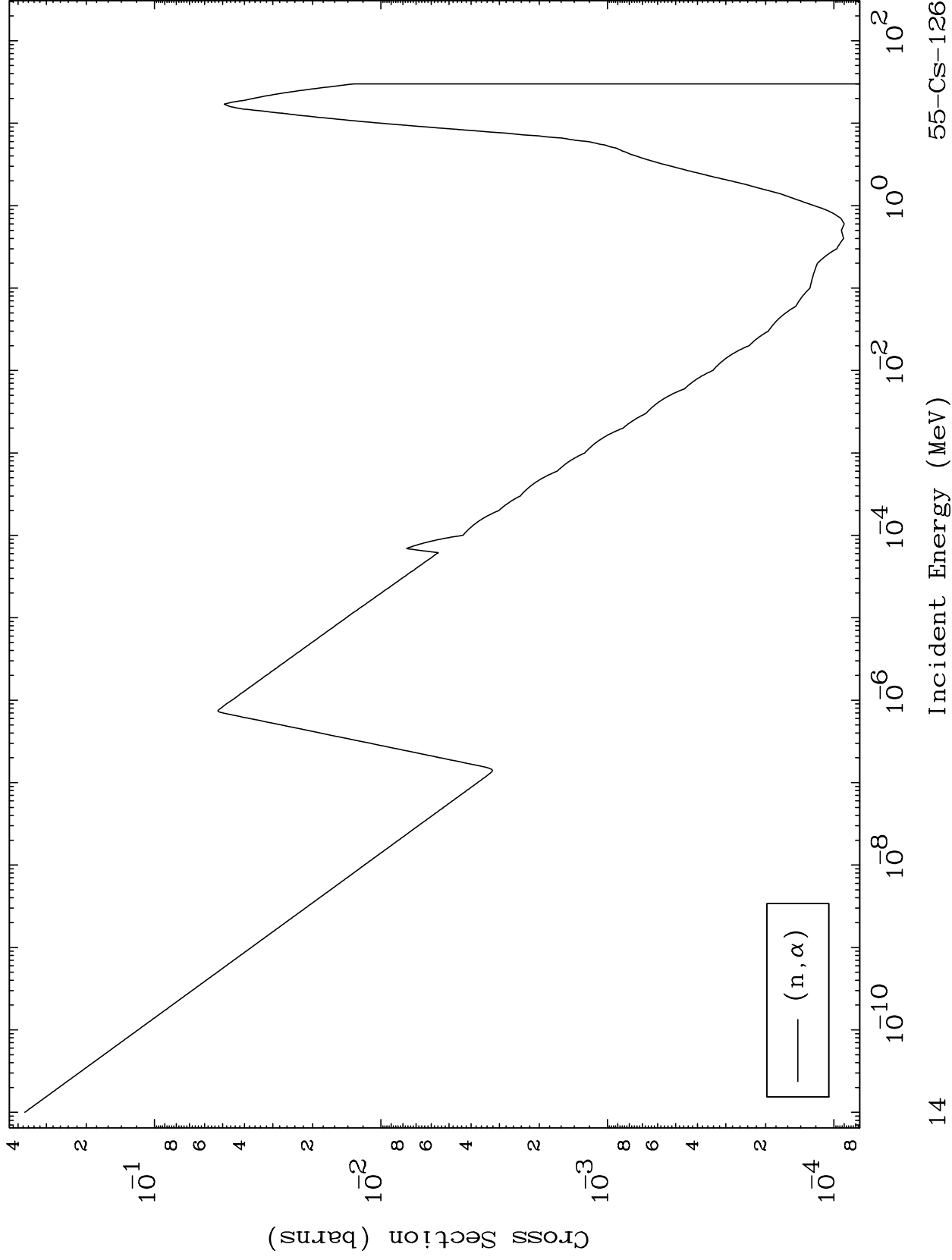
Incident Energy (MeV)

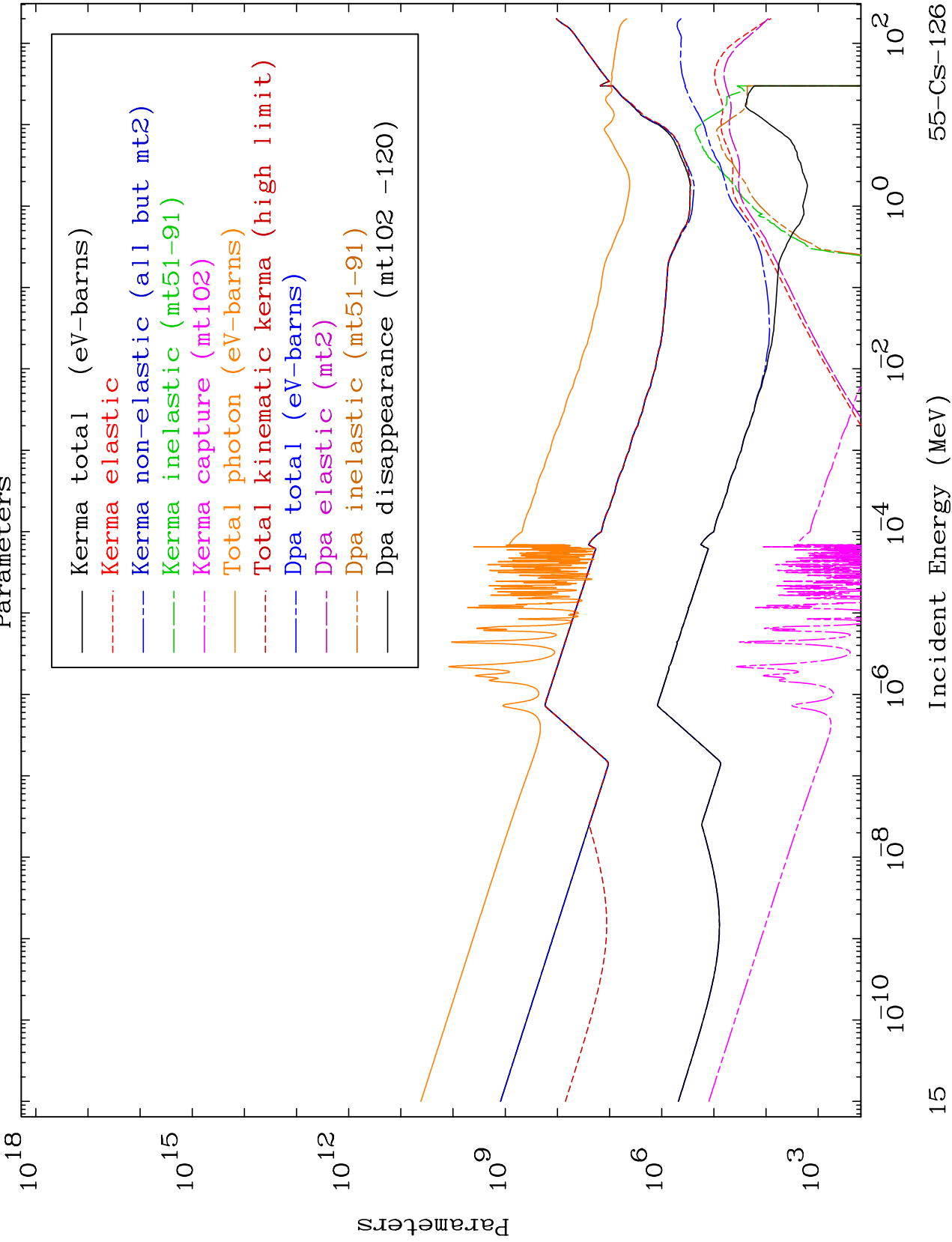
55-Cs-126

MAT 5504

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-126

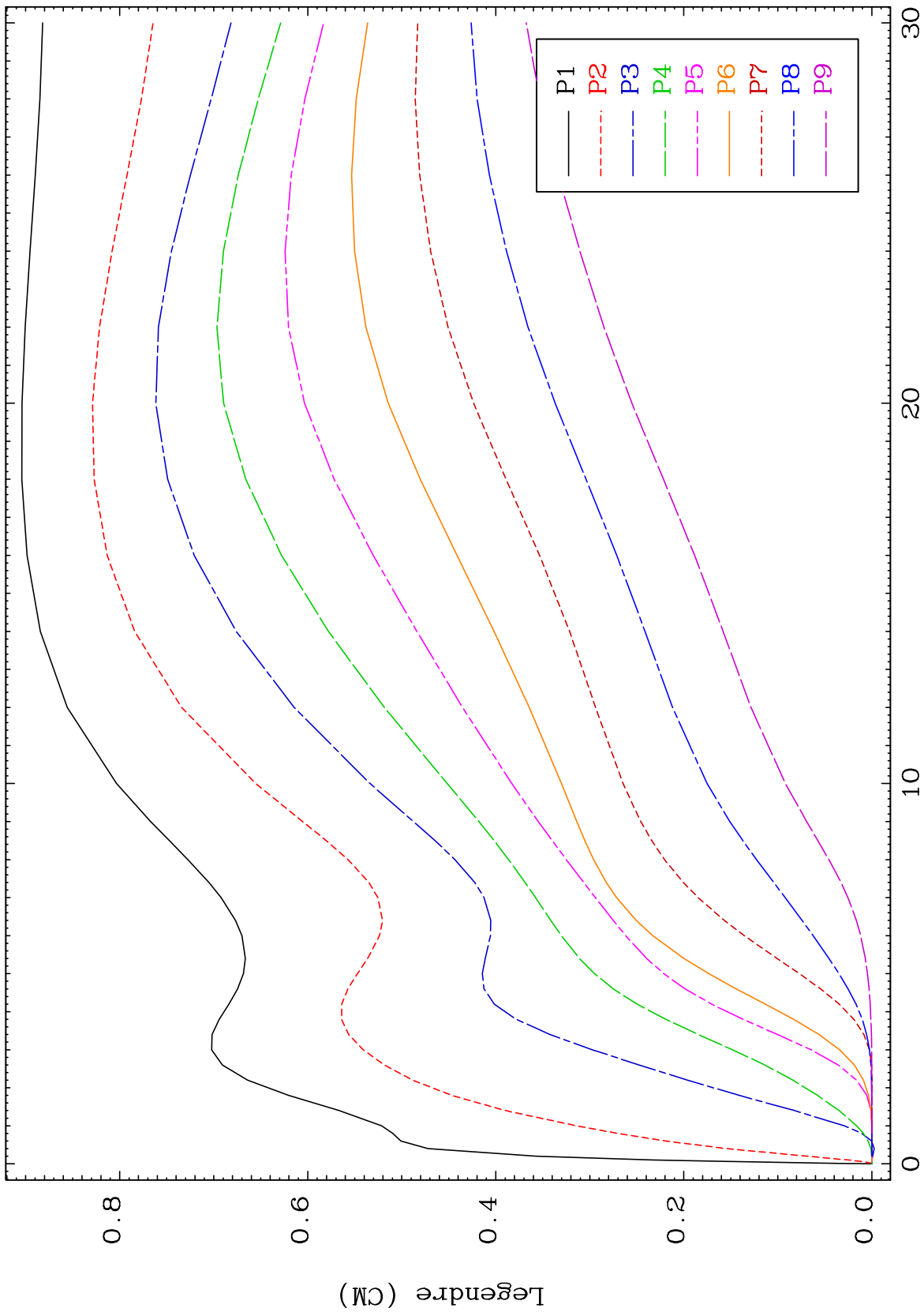




MAT 5504

55-Cs-126

Elastic Legendre Coefficients



55-Cs-126

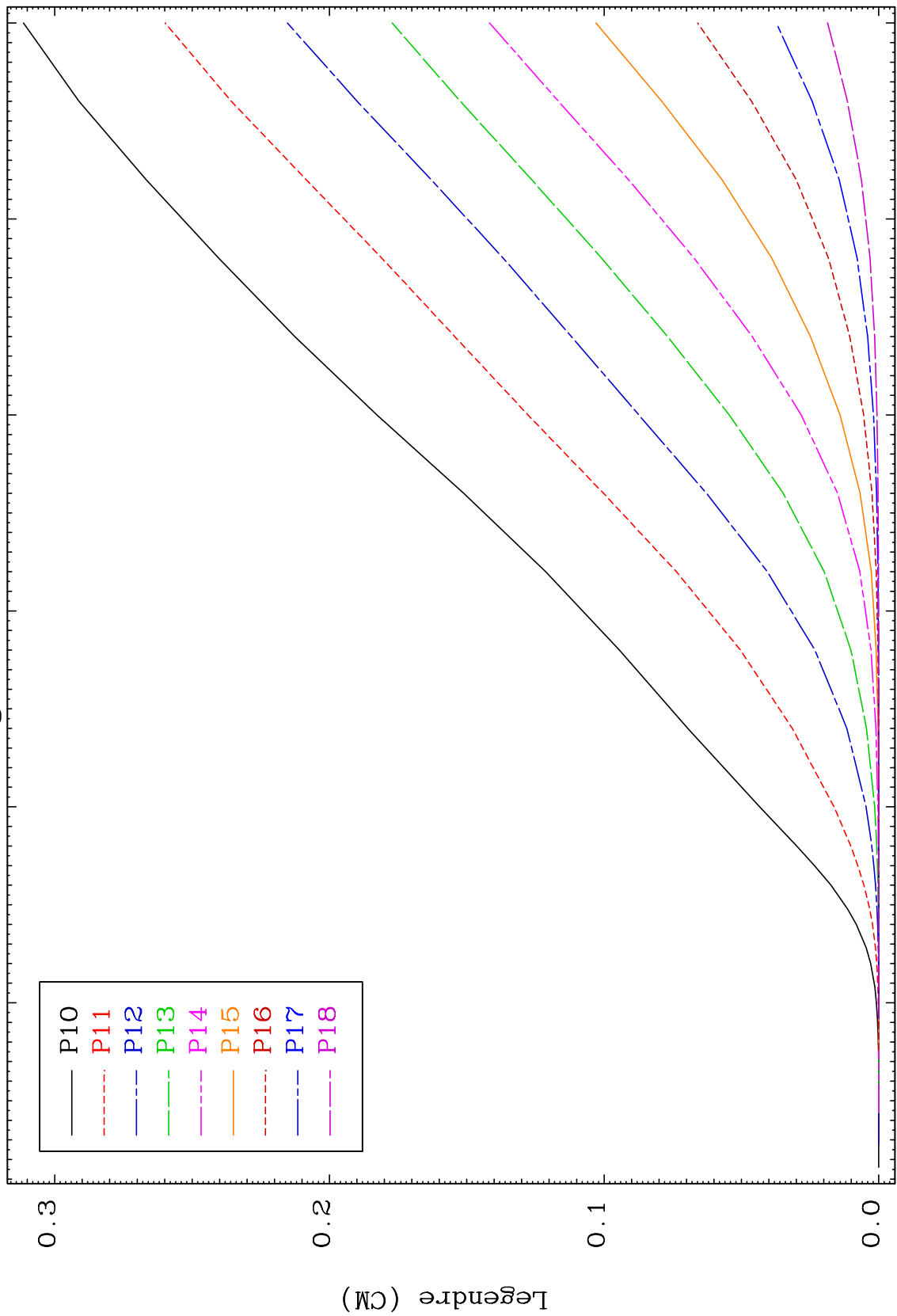
Incident Energy (MeV)

16

MAT 5504

Elastic Legendre Coefficients

55-Cs-126



17

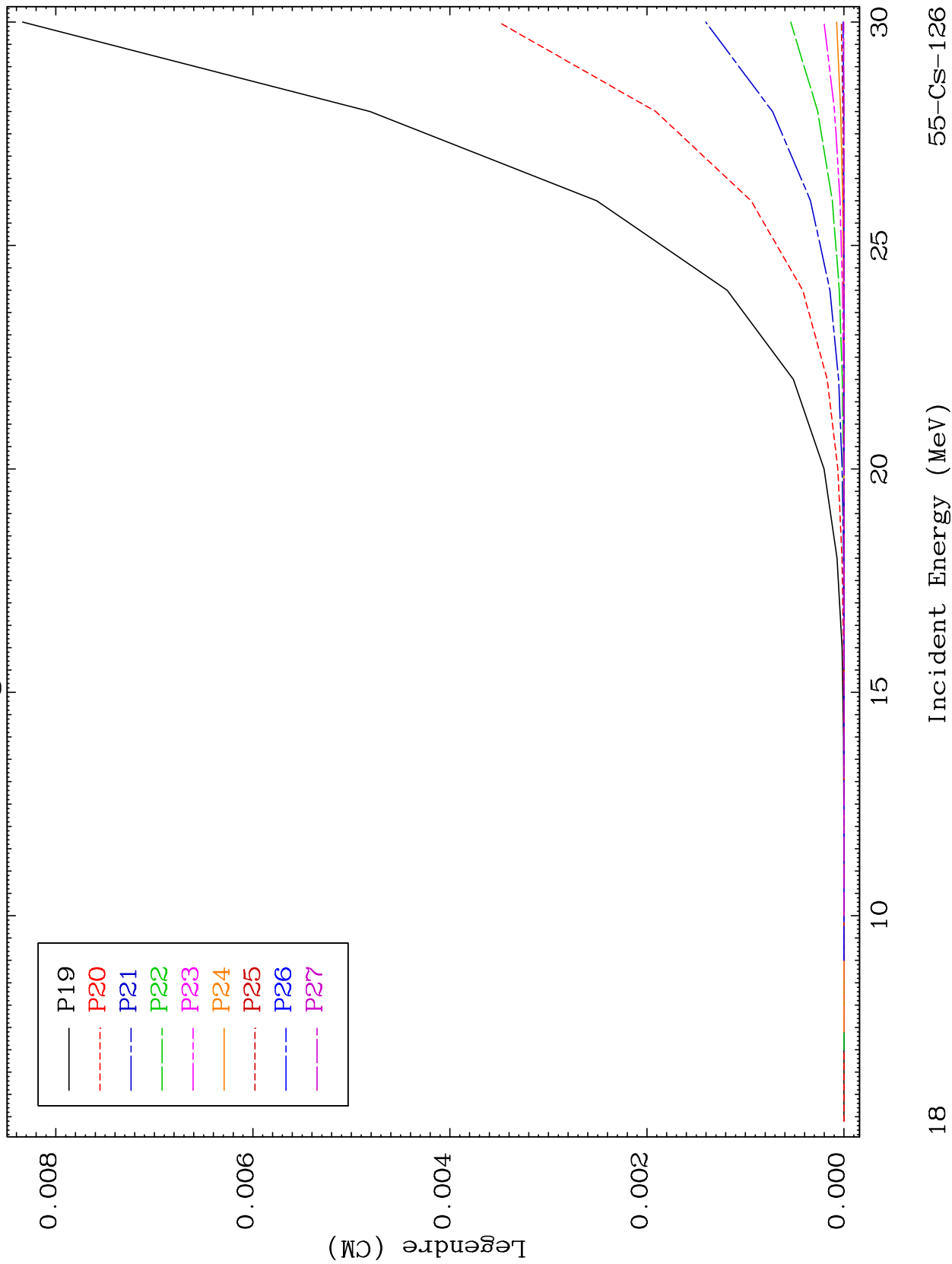
Incident Energy (MeV)

55-Cs-126

MAT 5504

Elastic Legendre Coefficients

55-Cs-126



18

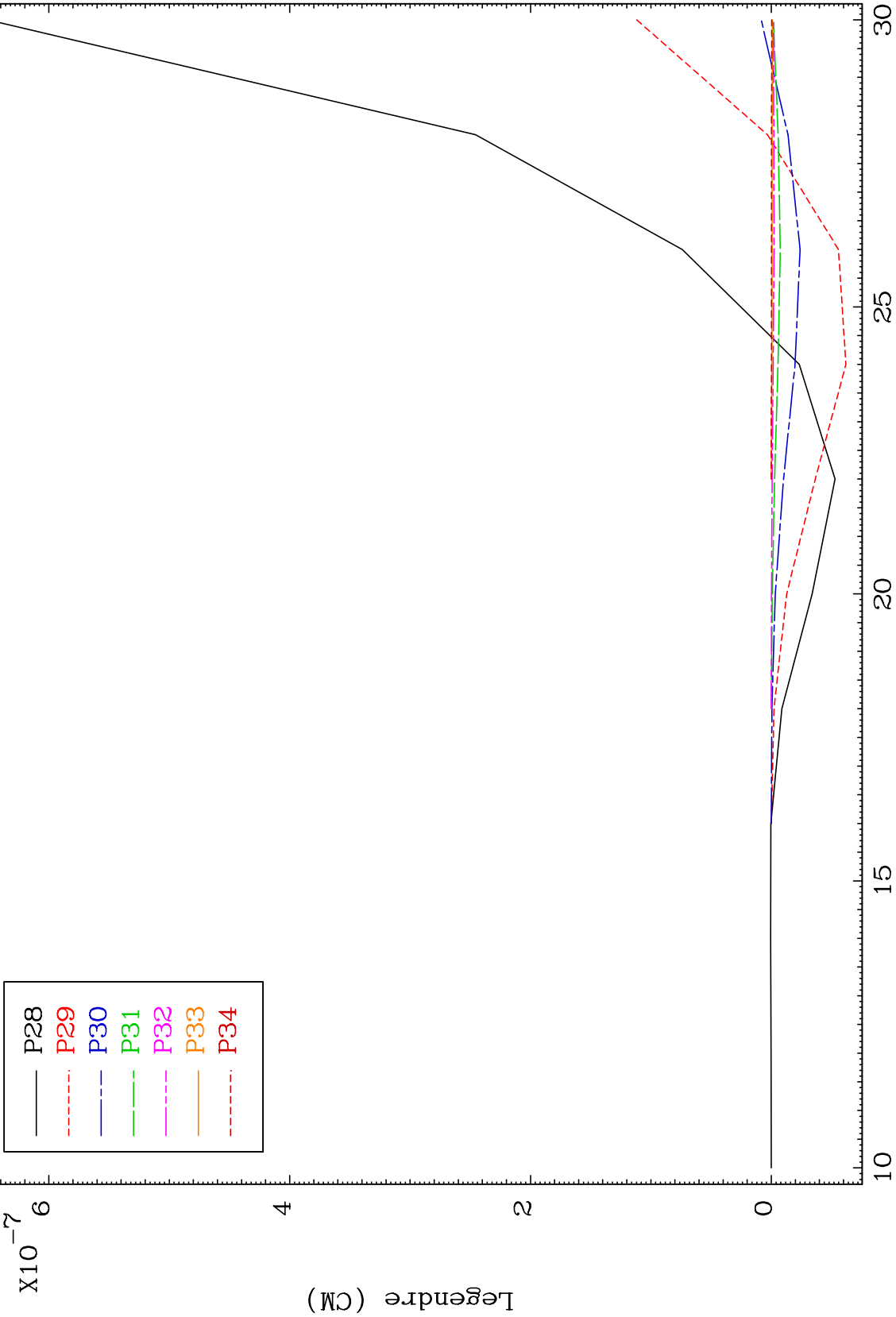
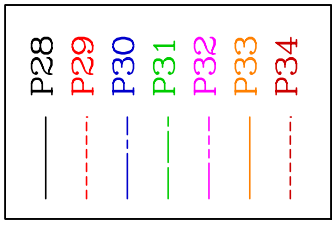
Incident Energy (MeV)

55-Cs-126

MAT 5504

Elastic Legendre Coefficients

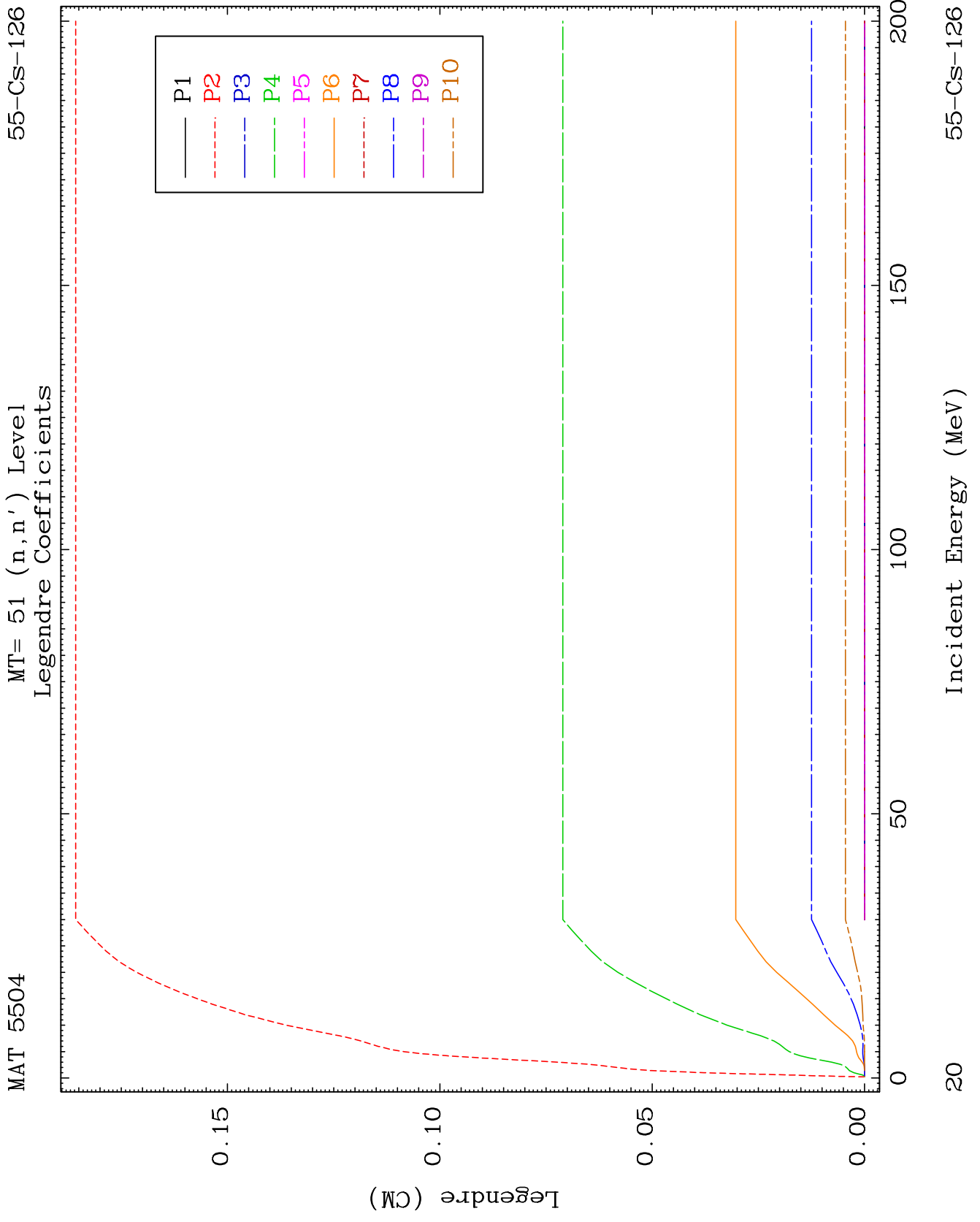
55-Cs-126



55-Cs-126

Incident Energy (MeV)

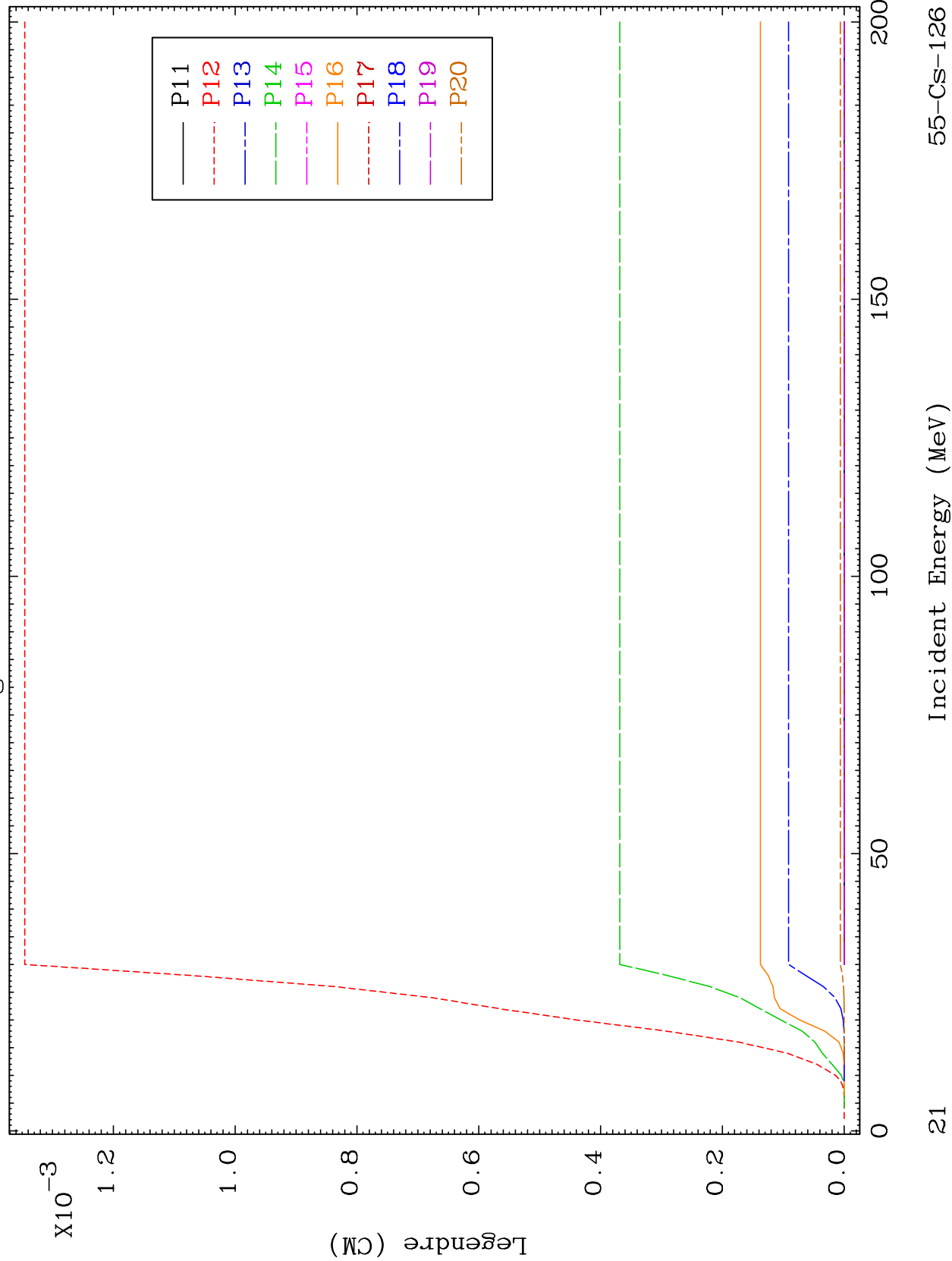
19



MAT 5504

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

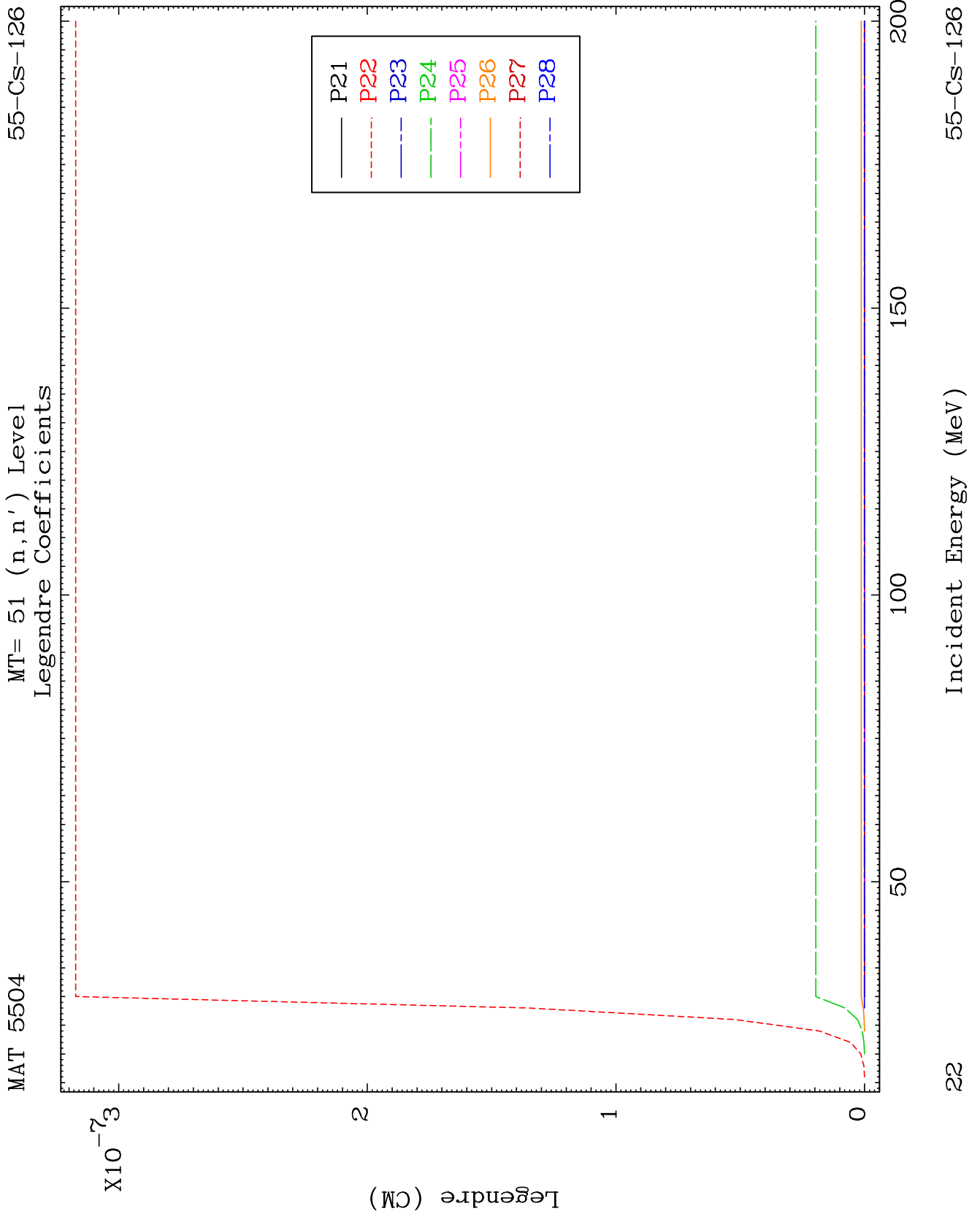
55-Cs-126

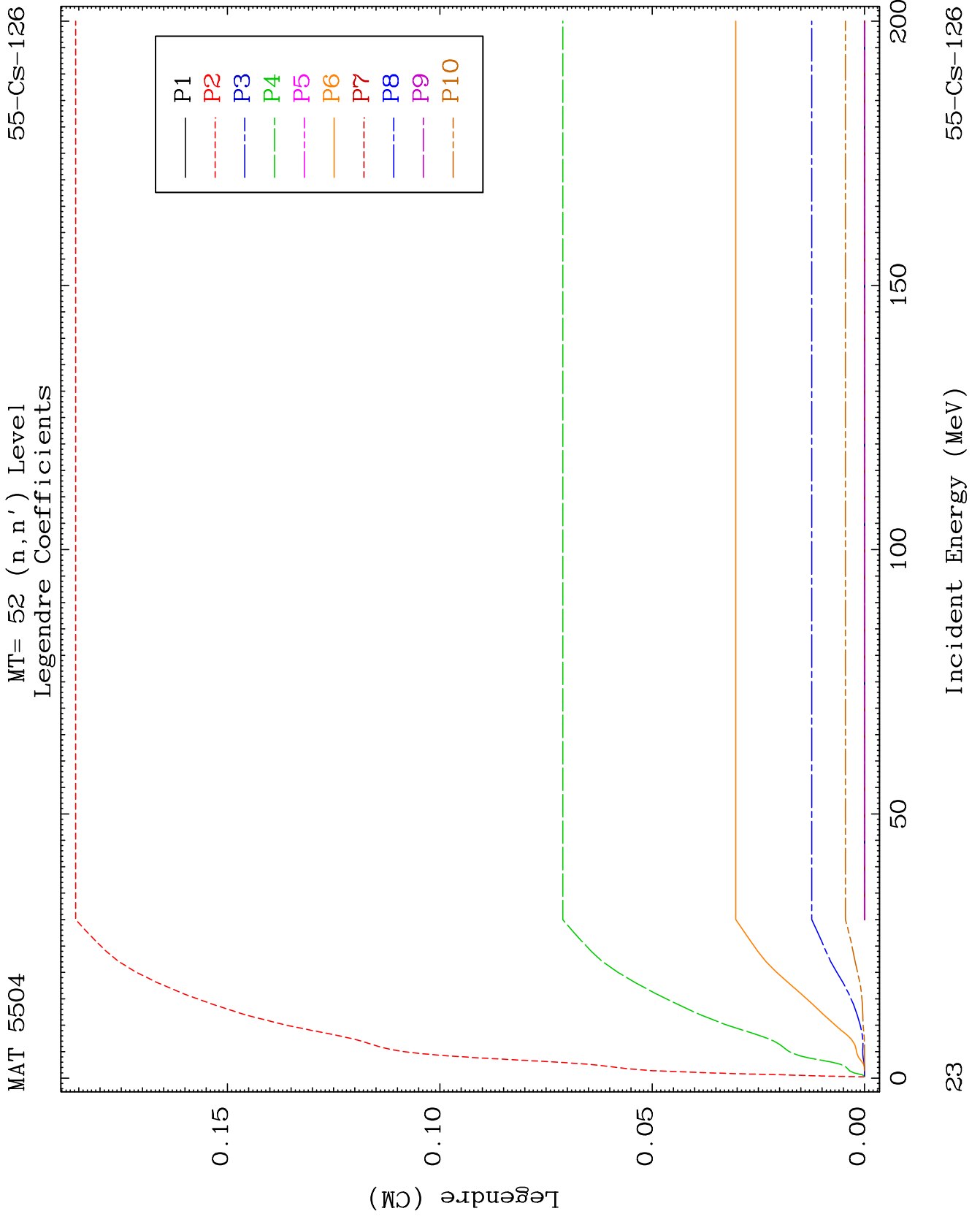


21

Incident Energy (MeV)

55-Cs-126

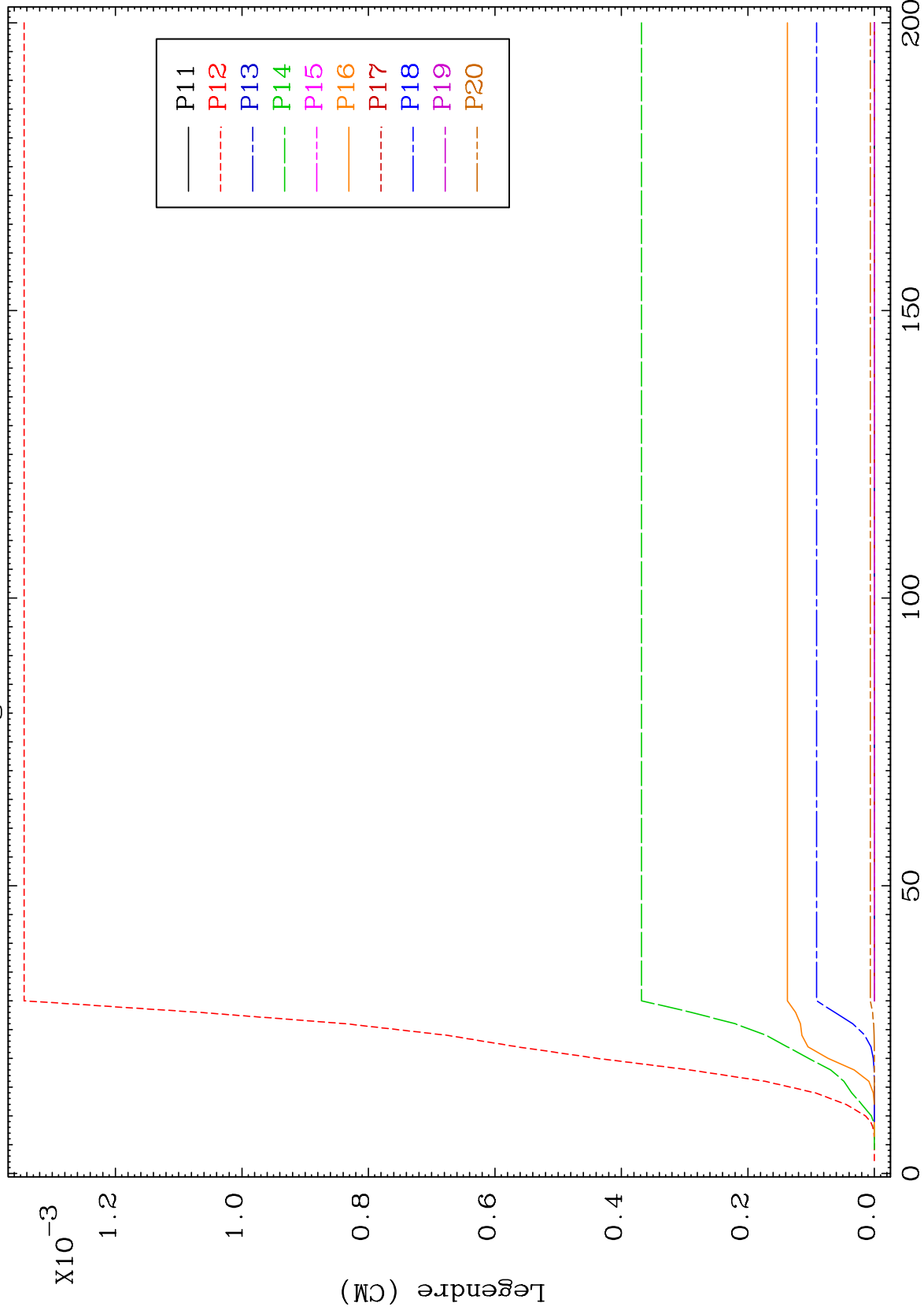




MAT 5504

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

55-Cs-126



24

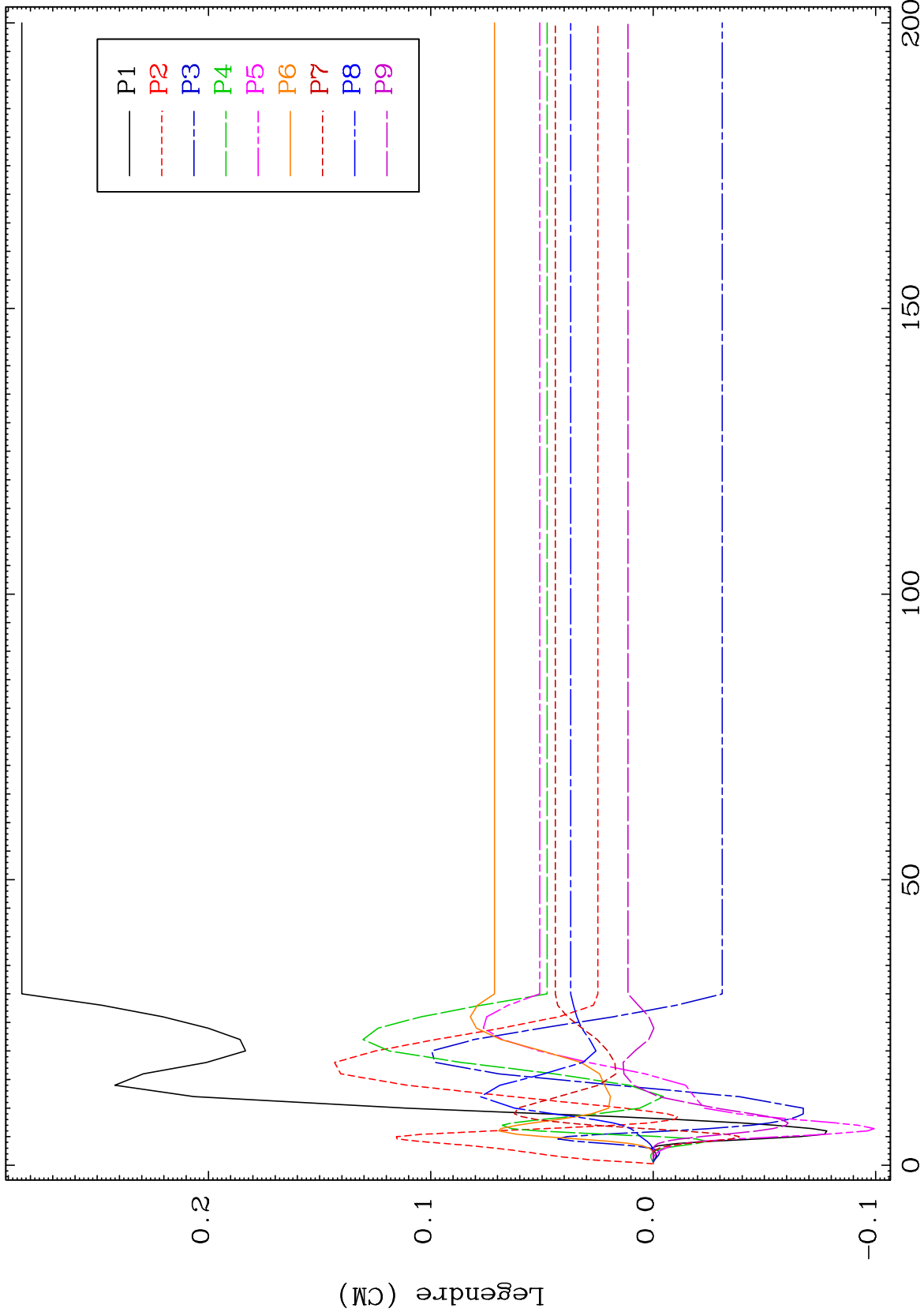
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



26

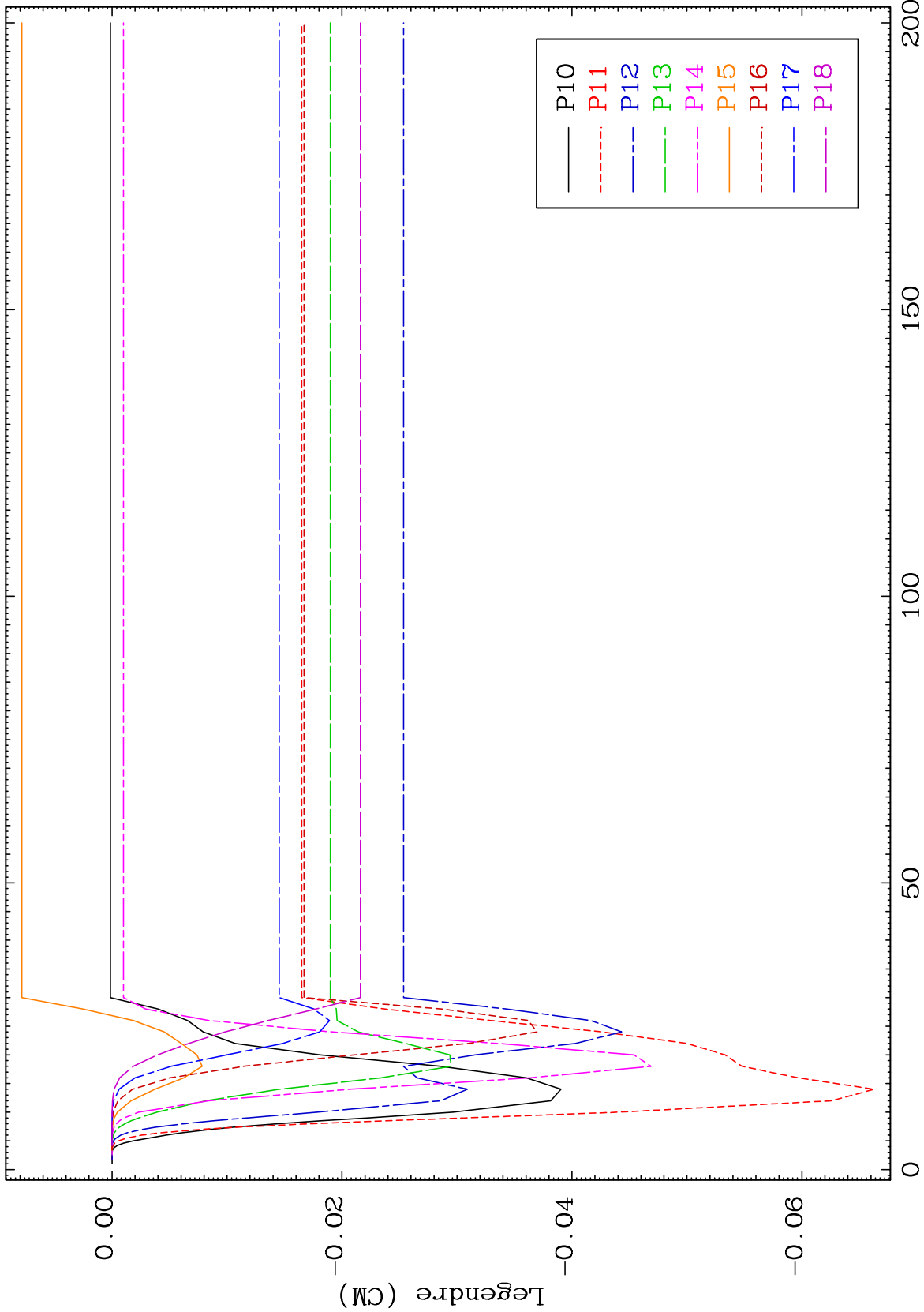
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

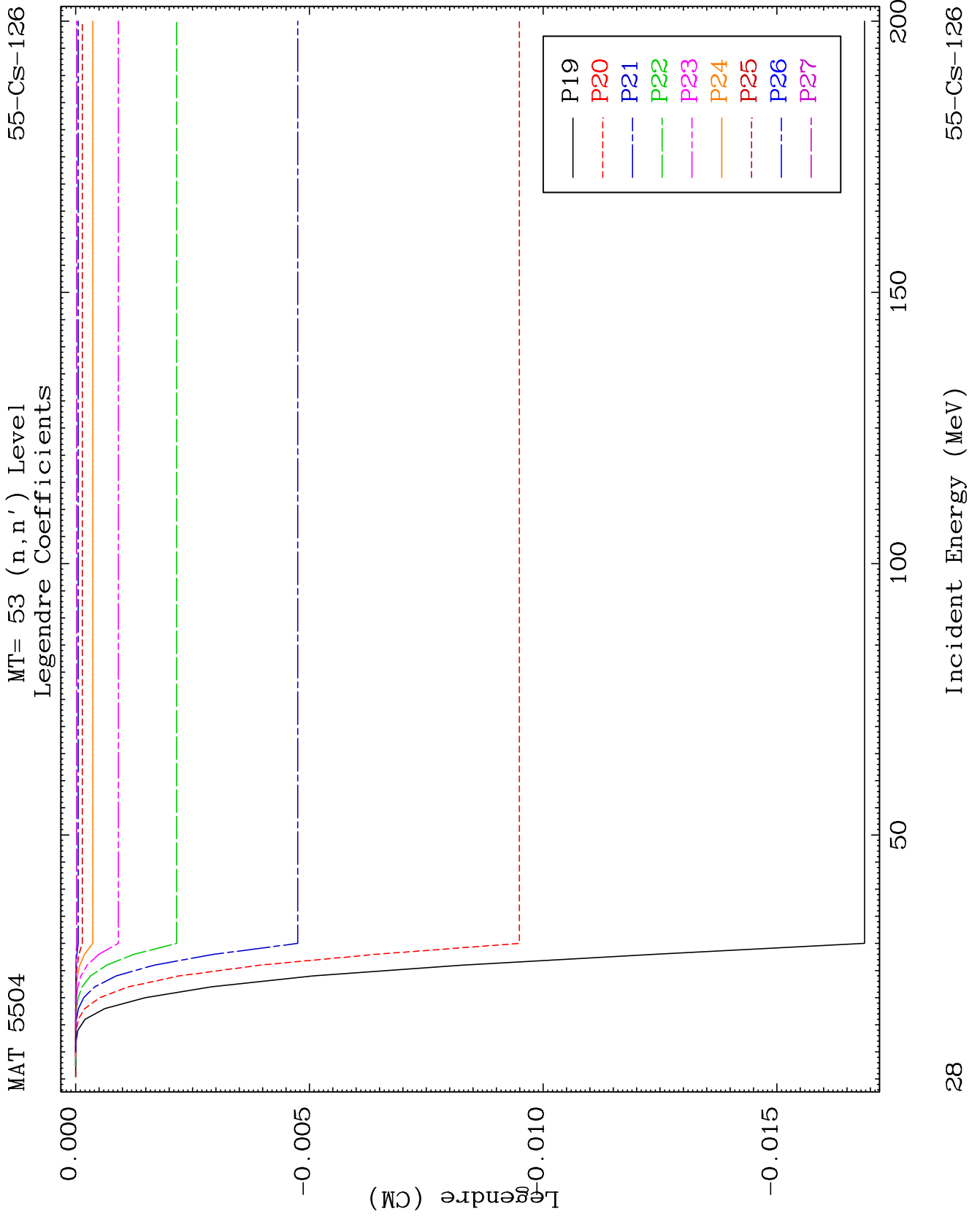
55-Cs-126

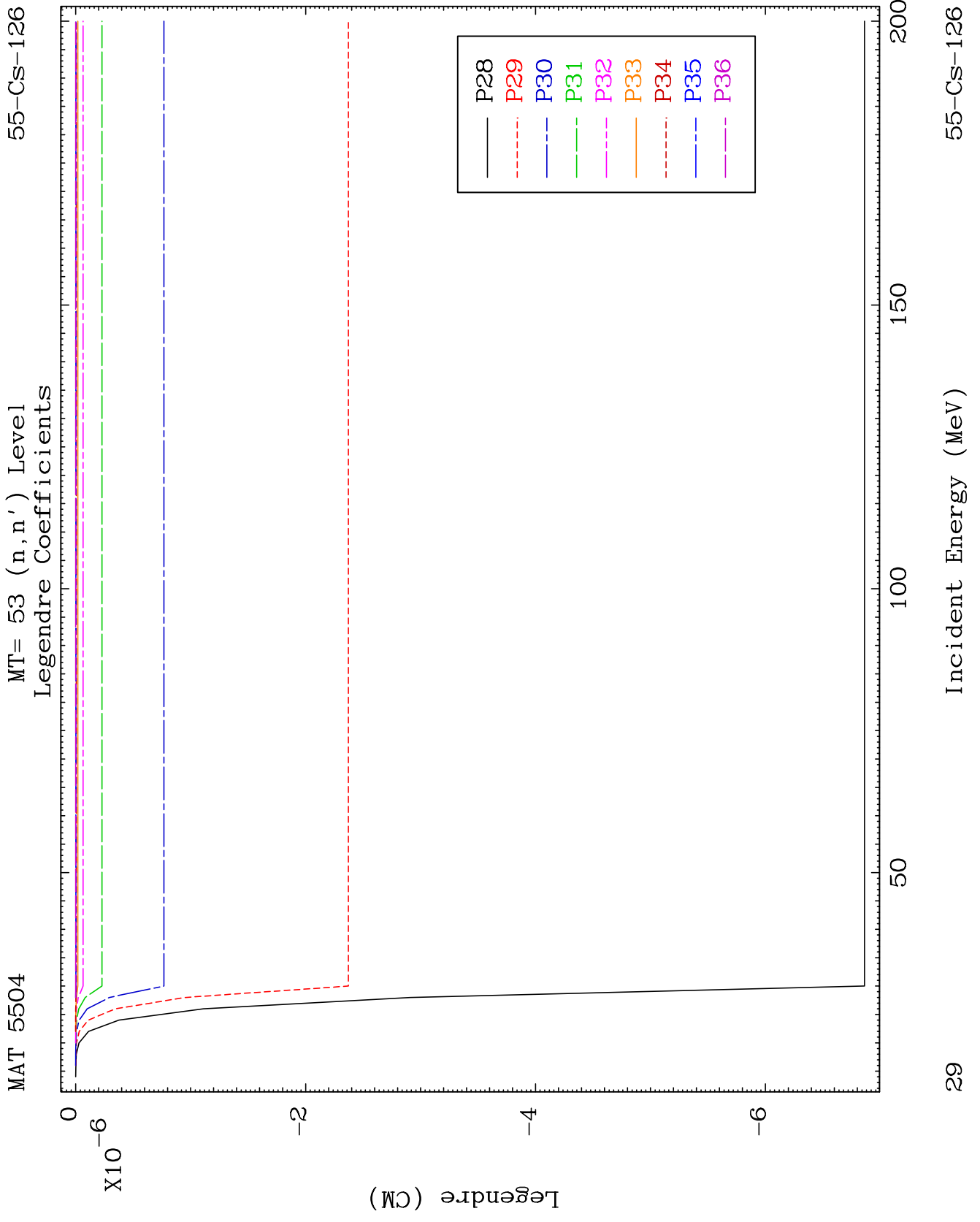


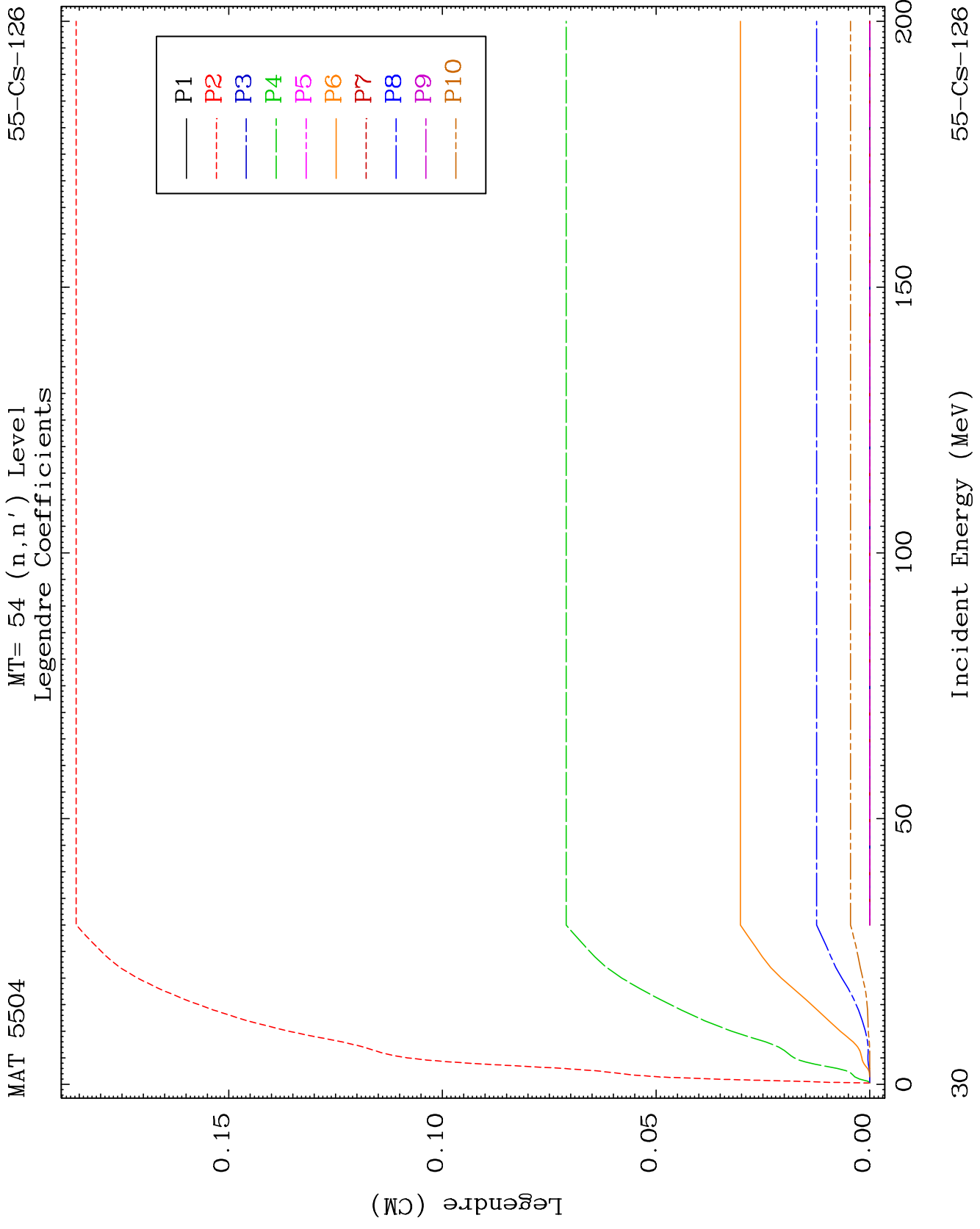
27

Incident Energy (MeV)

55-Cs-126



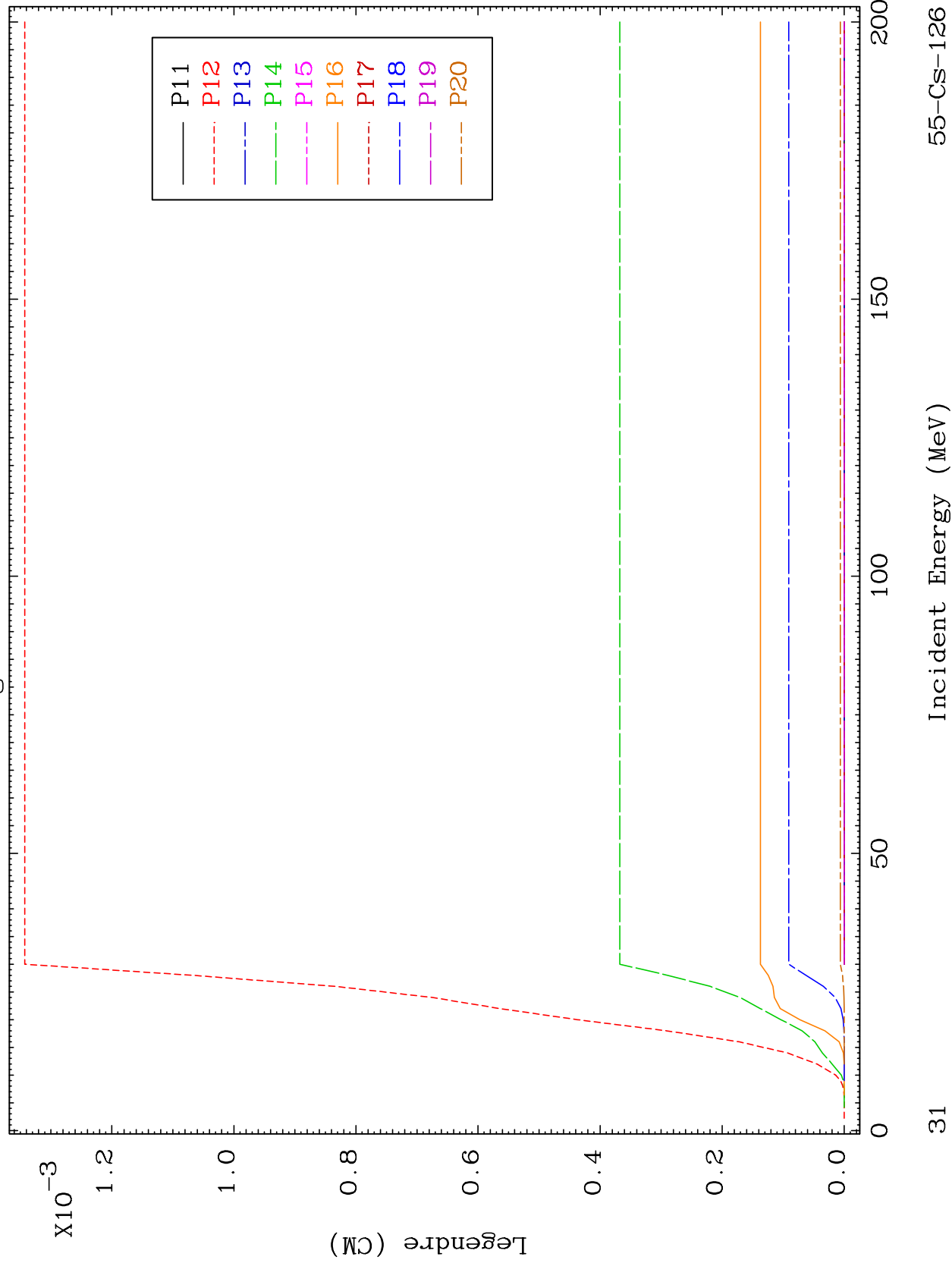




MAT 5504

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

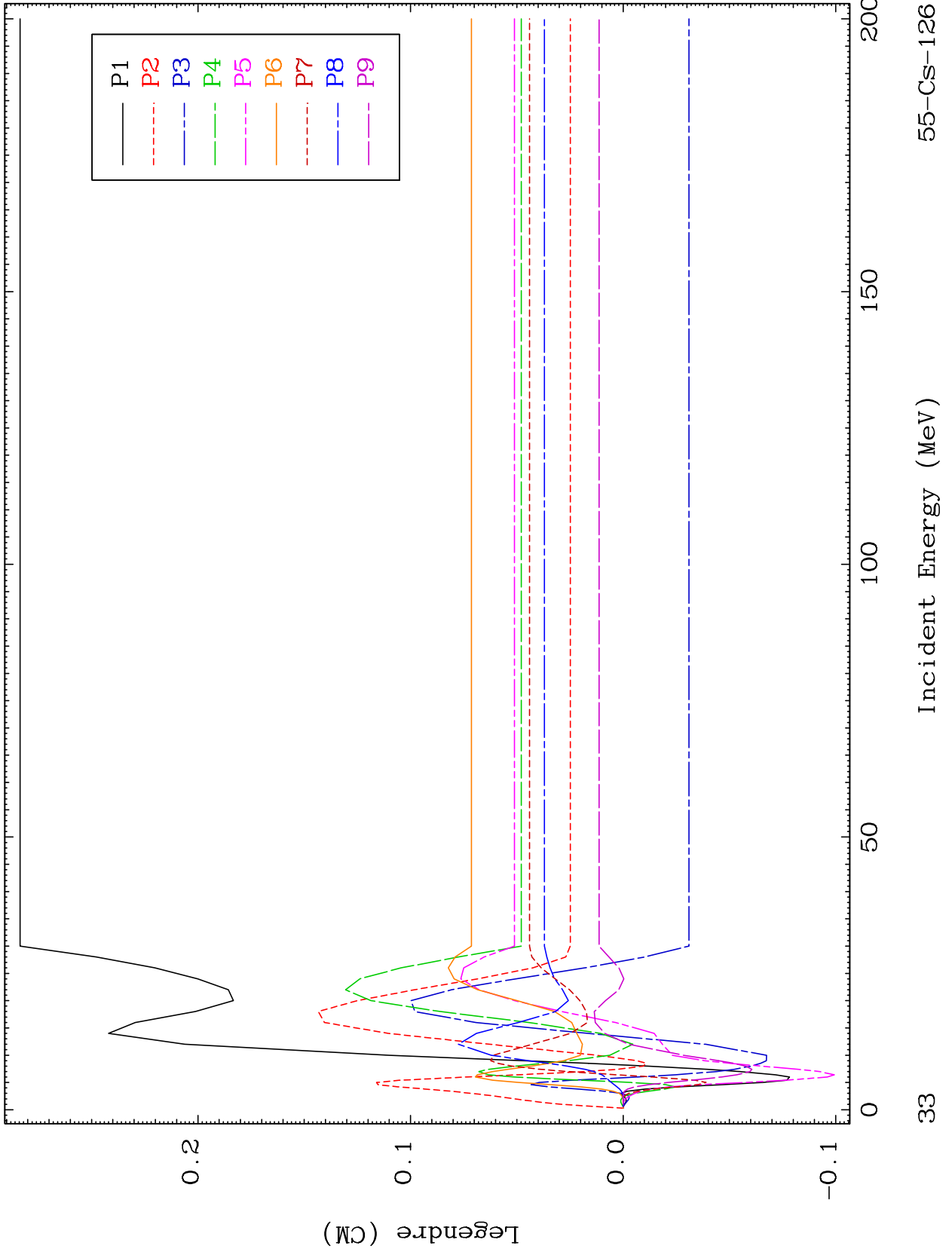
55-Cs-126



MAT 5504

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

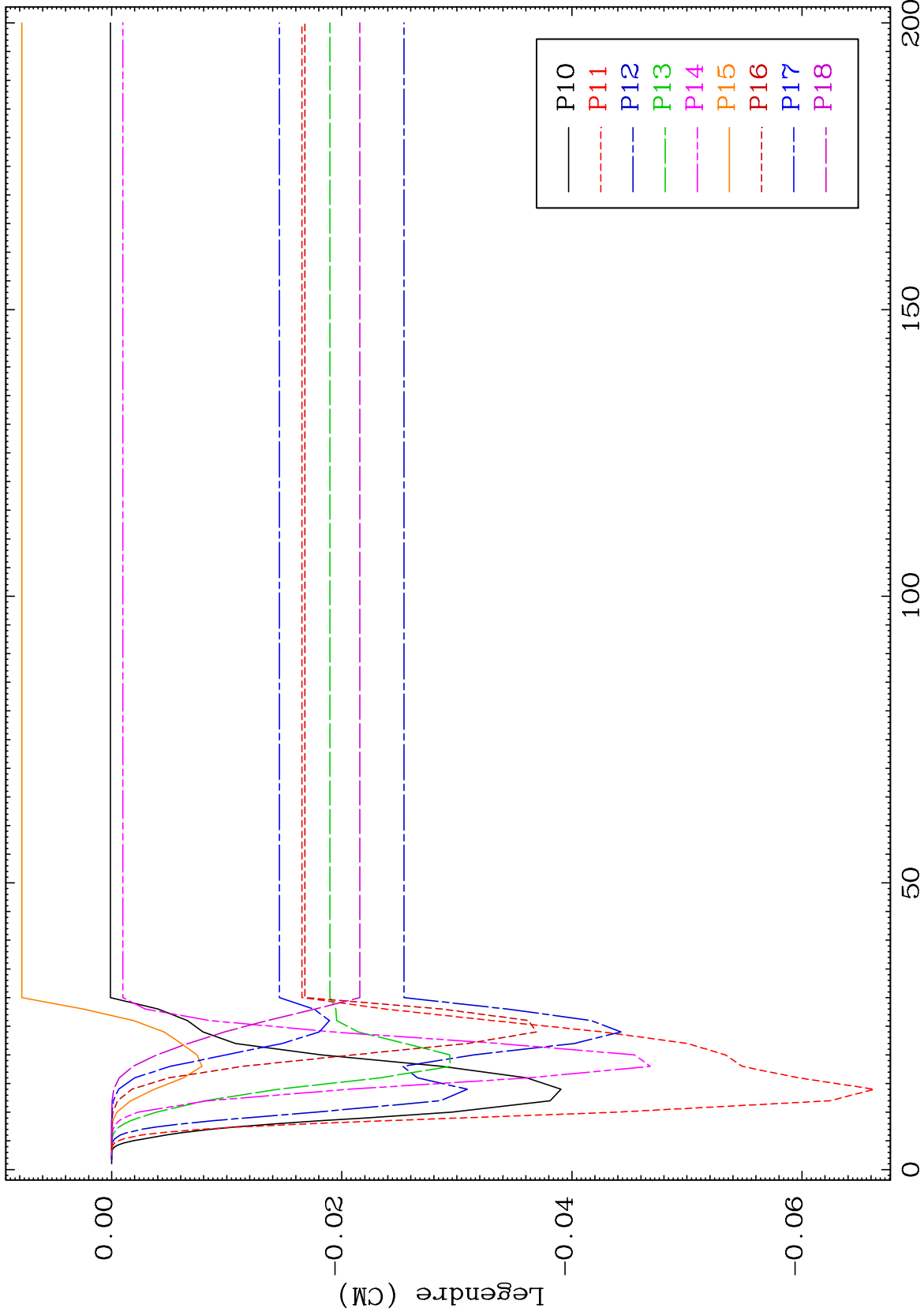
55-Cs-126



MAT 5504

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

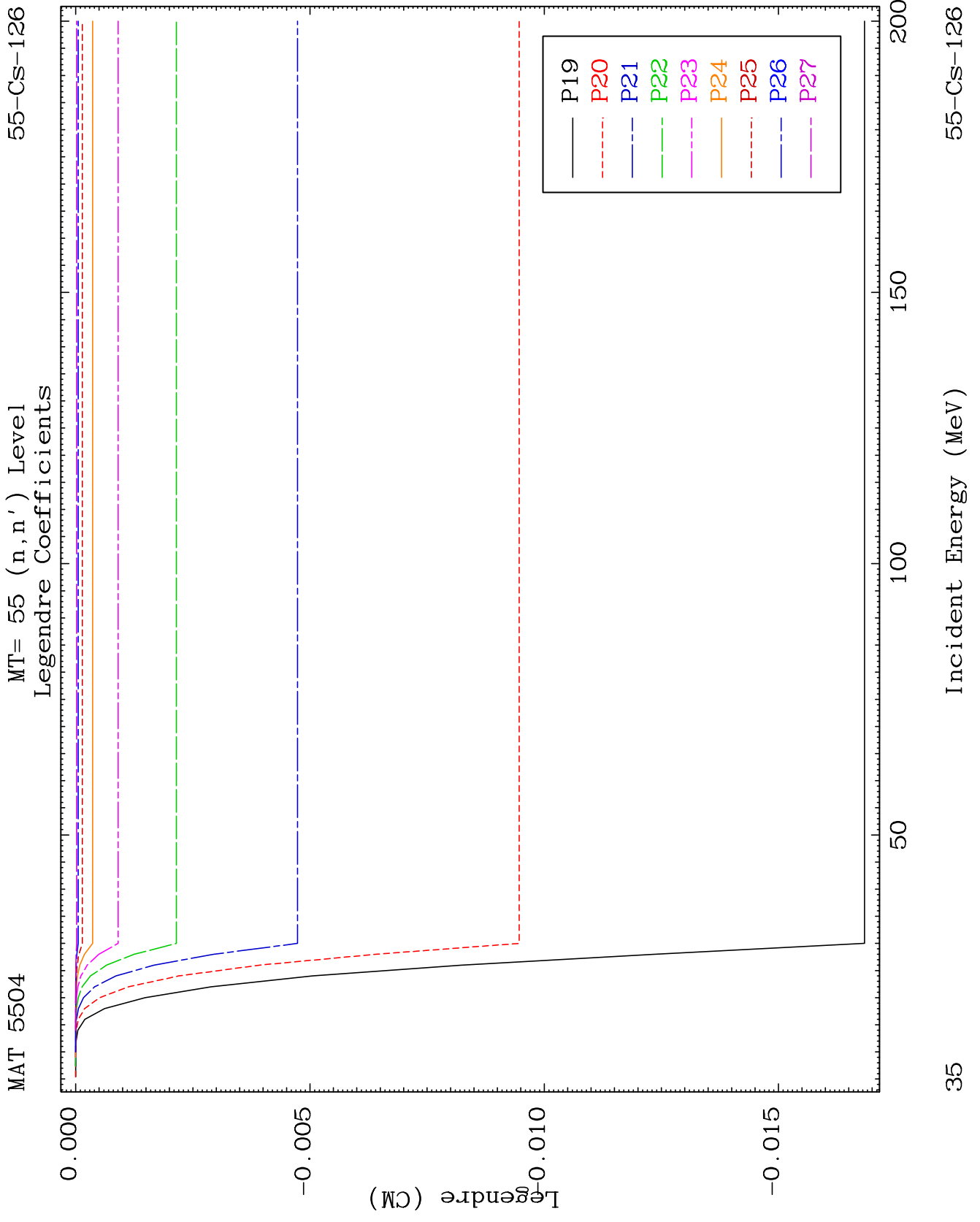
55-Cs-126



34

Incident Energy (MeV)

55-Cs-126

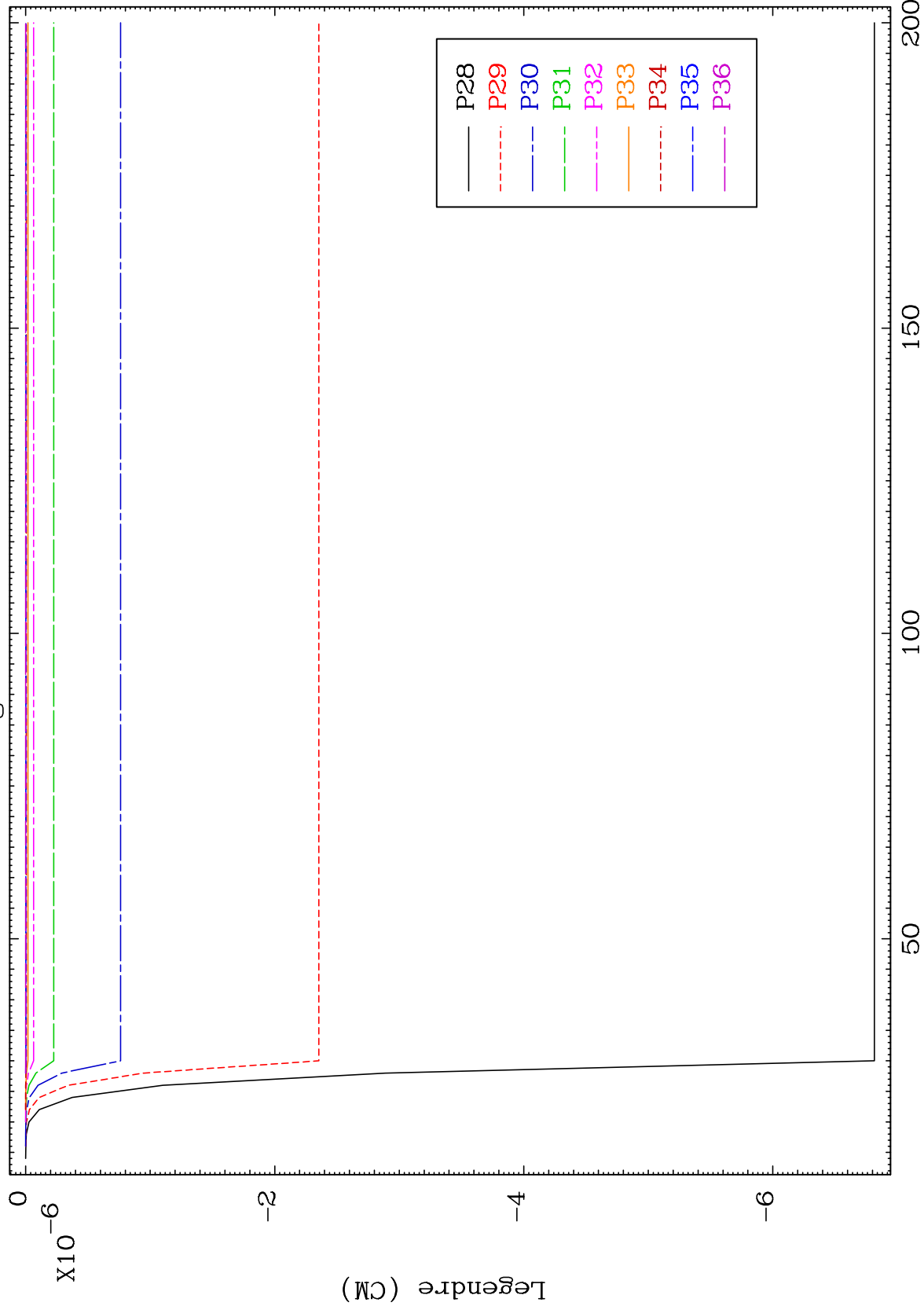


MAT 5504

MT= 55 (n,n') Level

55-Cs-126

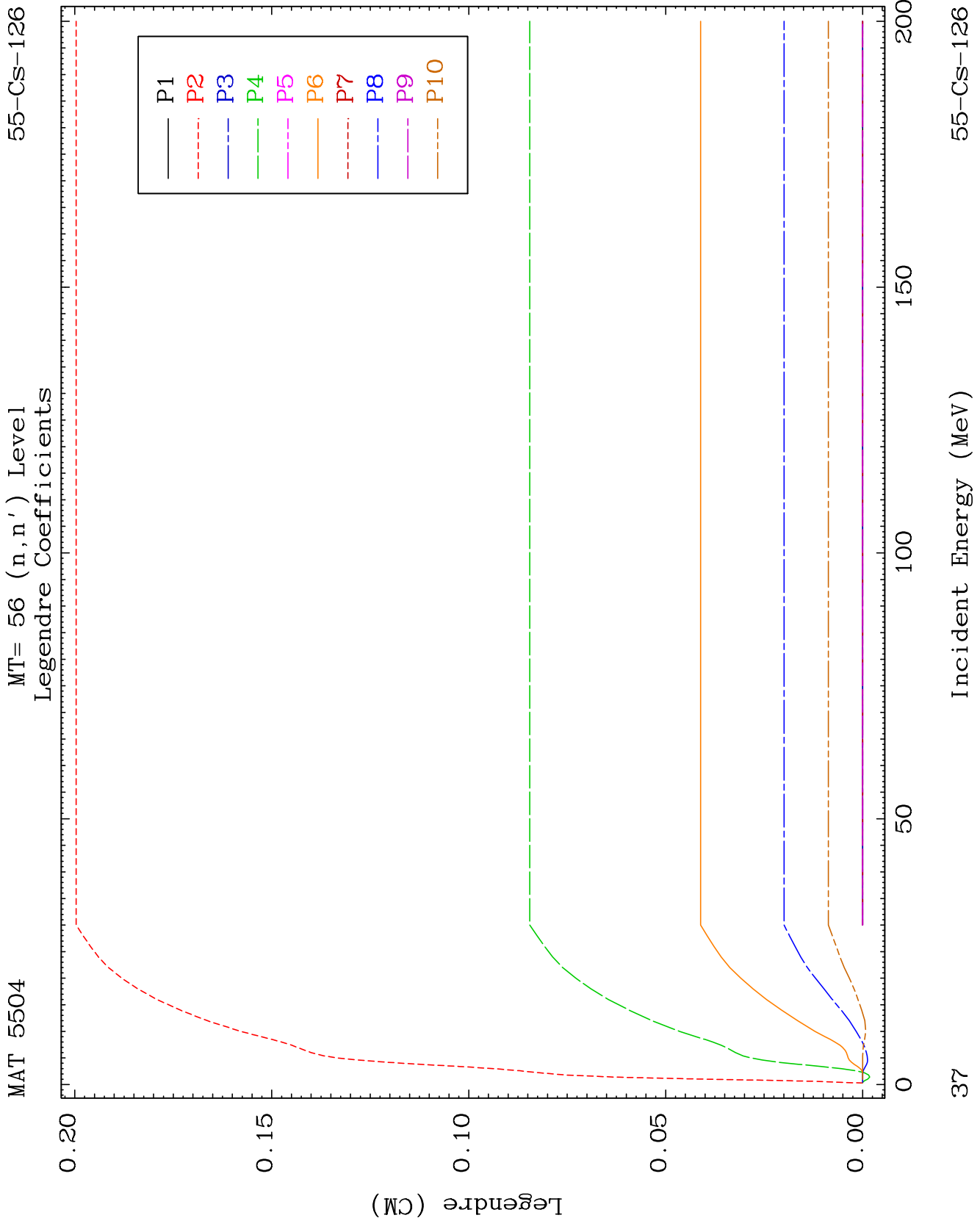
Legendre Coefficients



55-Cs-126

Incident Energy (MeV)

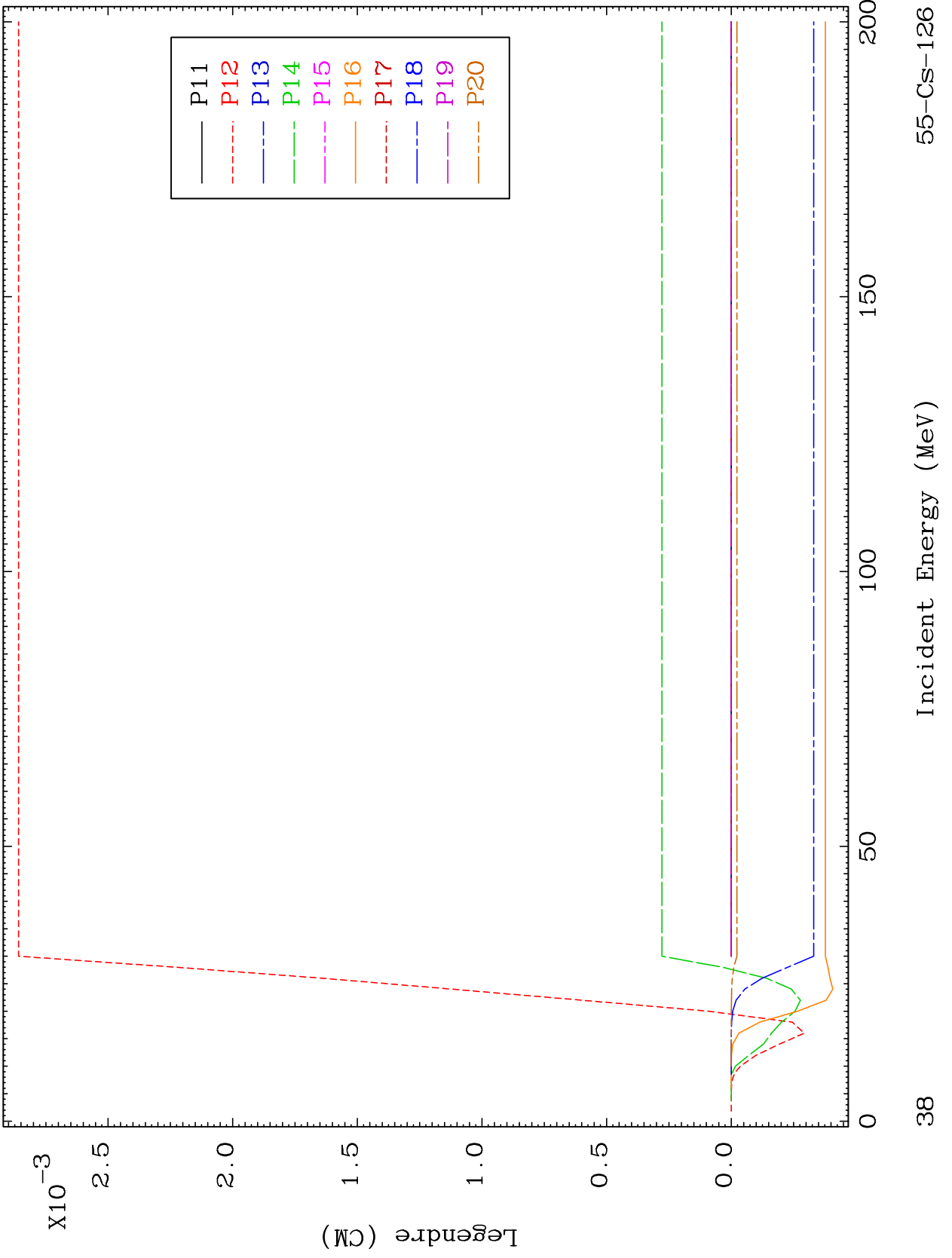
36

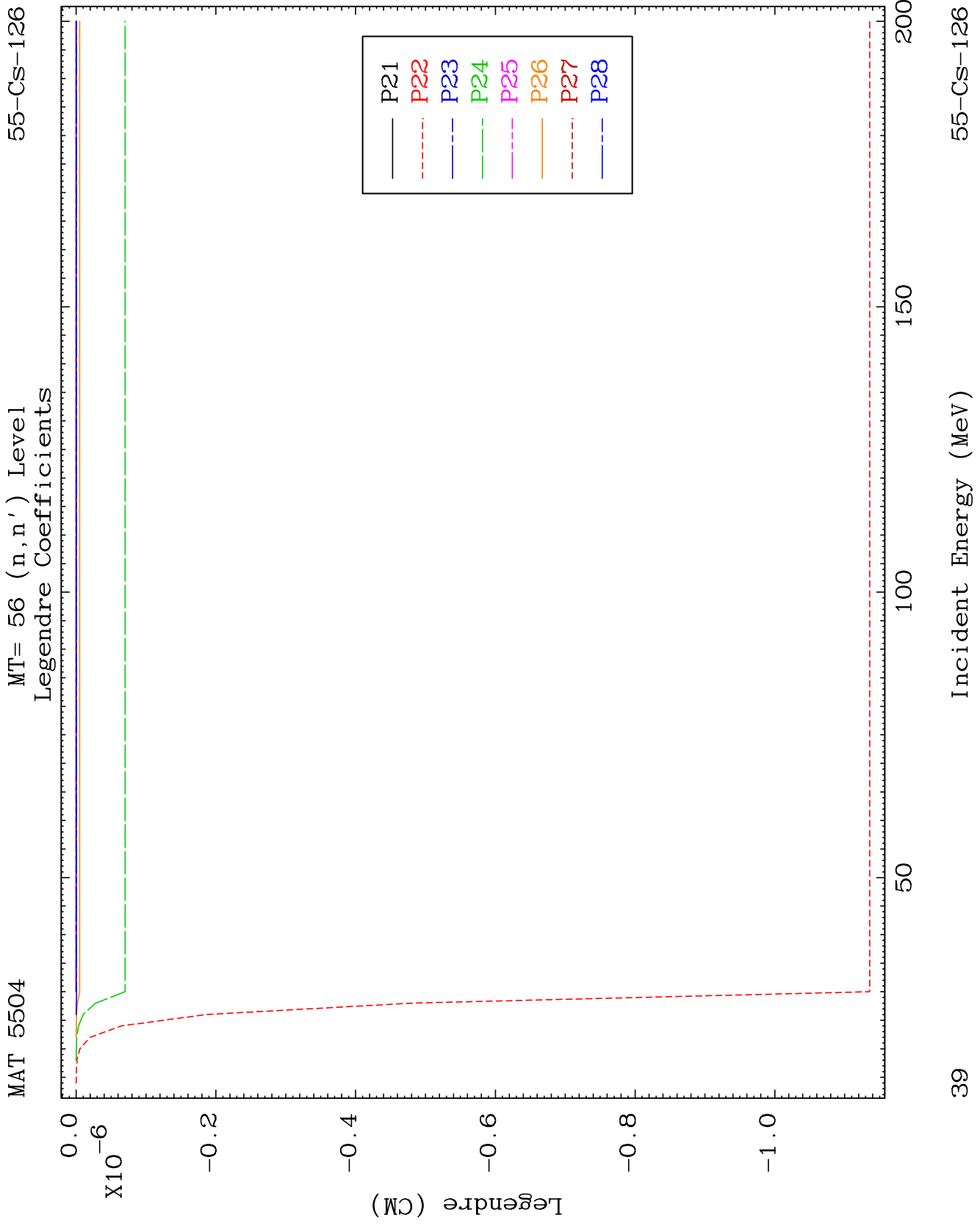


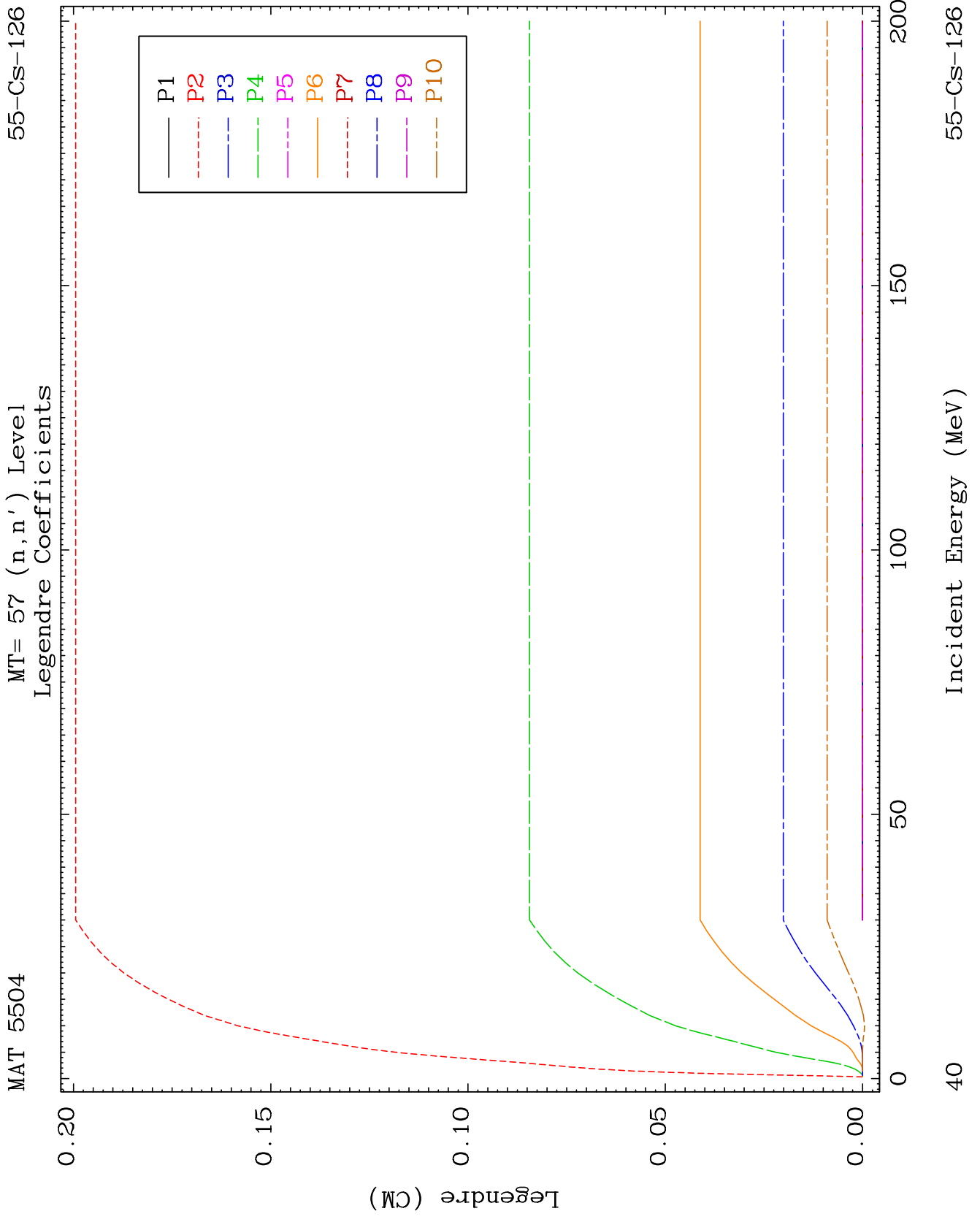
MAT 5504

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

55-Cs-126



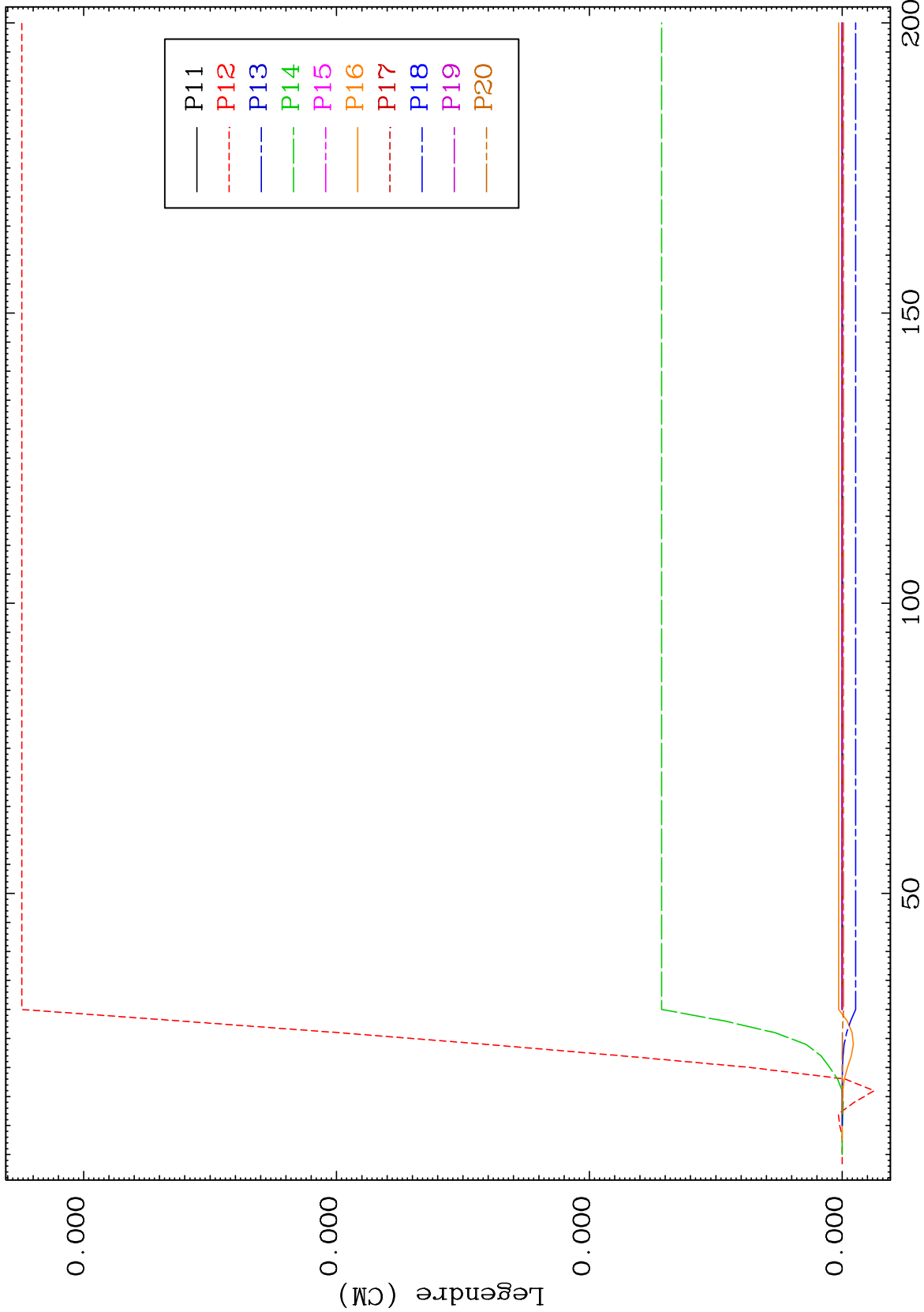


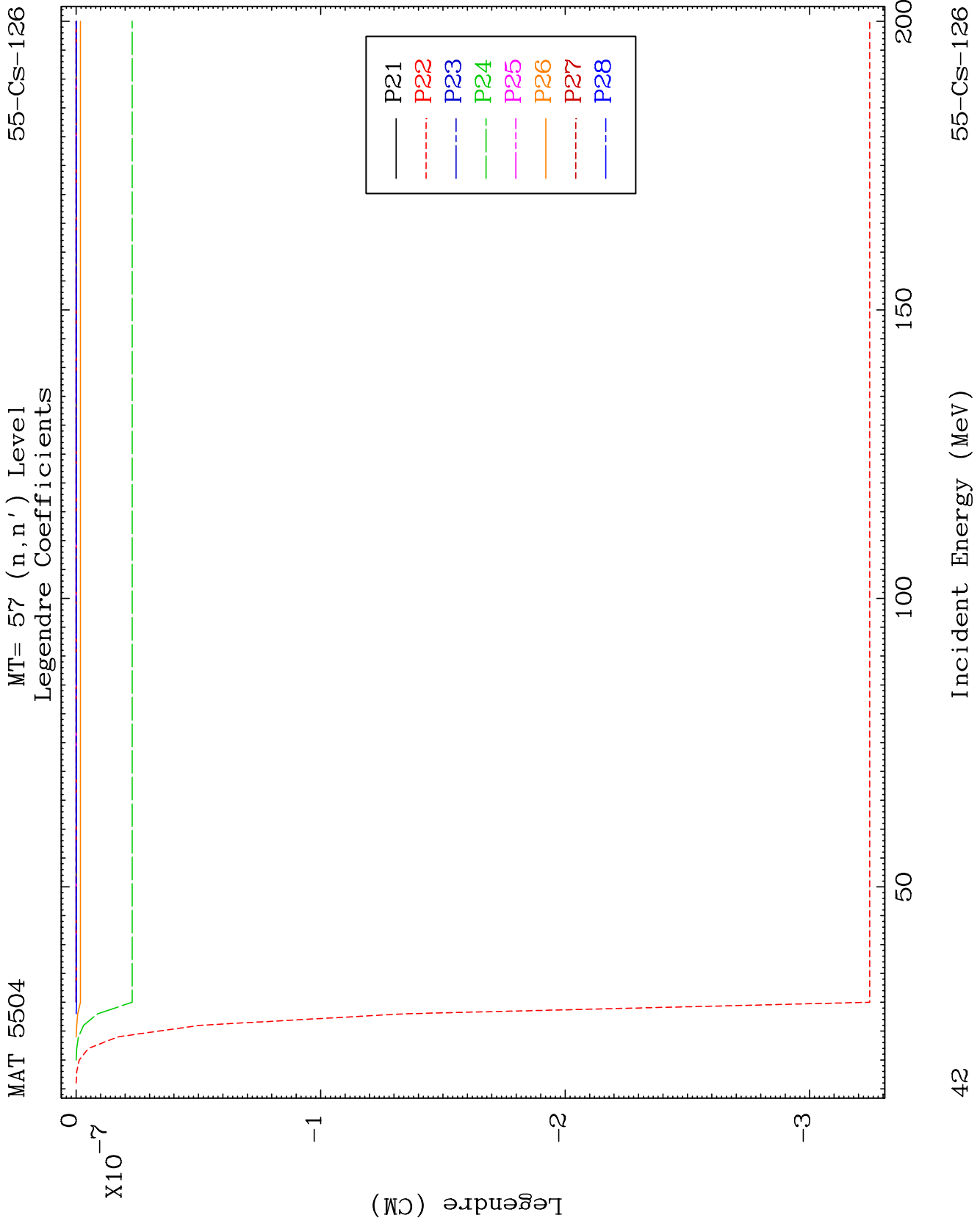


MAT 5504

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

55-Cs-126

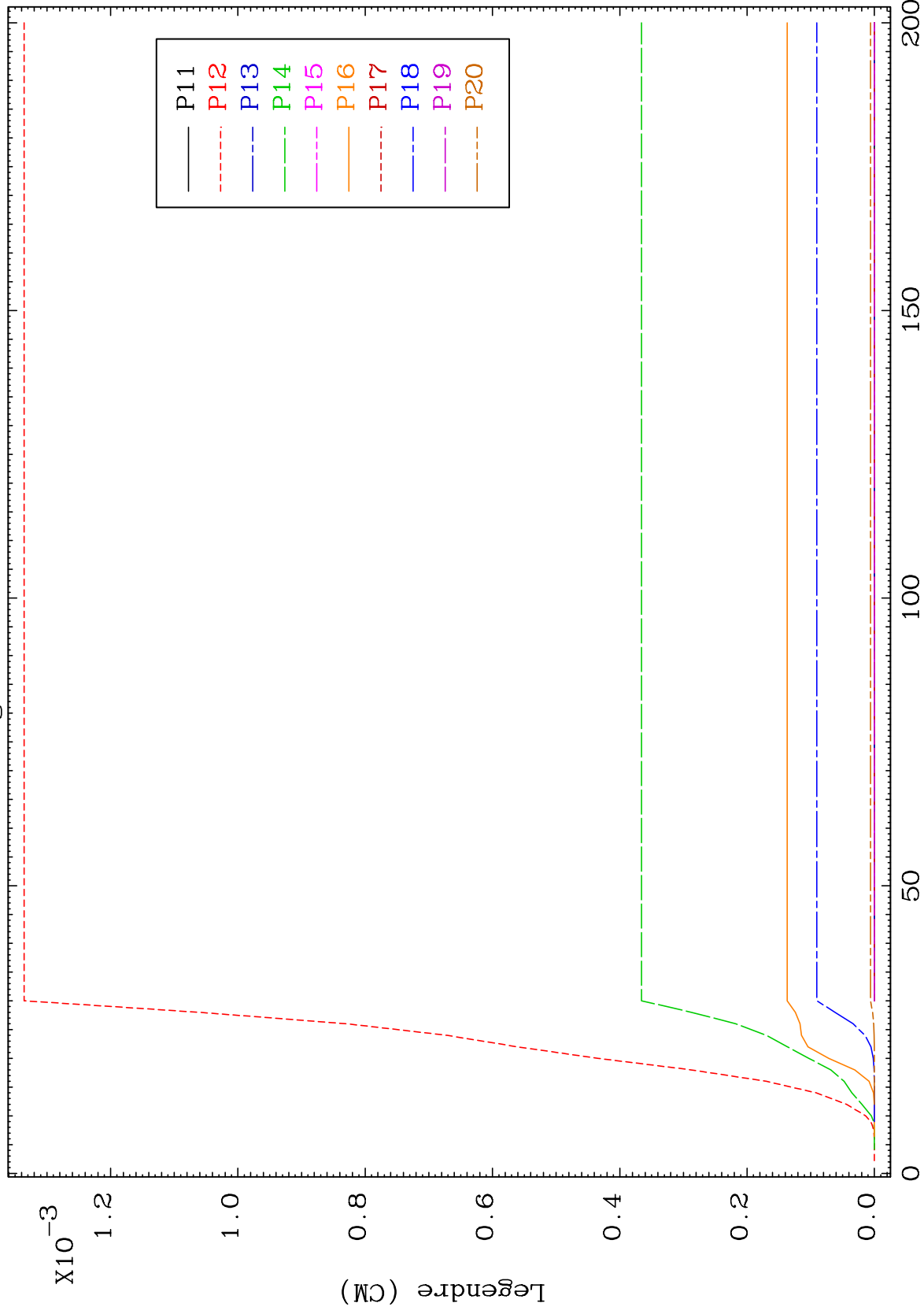




MAT 5504

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

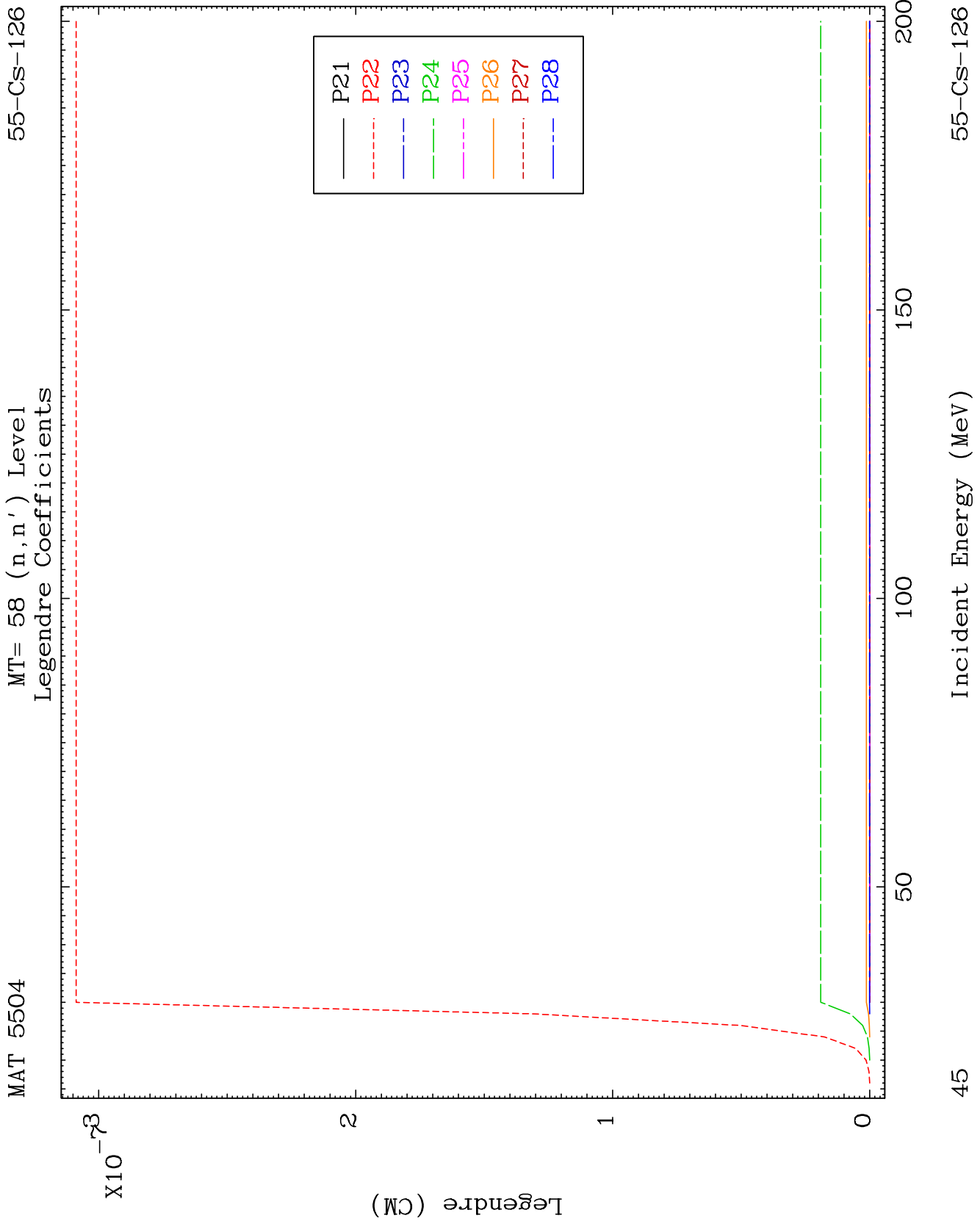
55-Cs-126



44

Incident Energy (MeV)

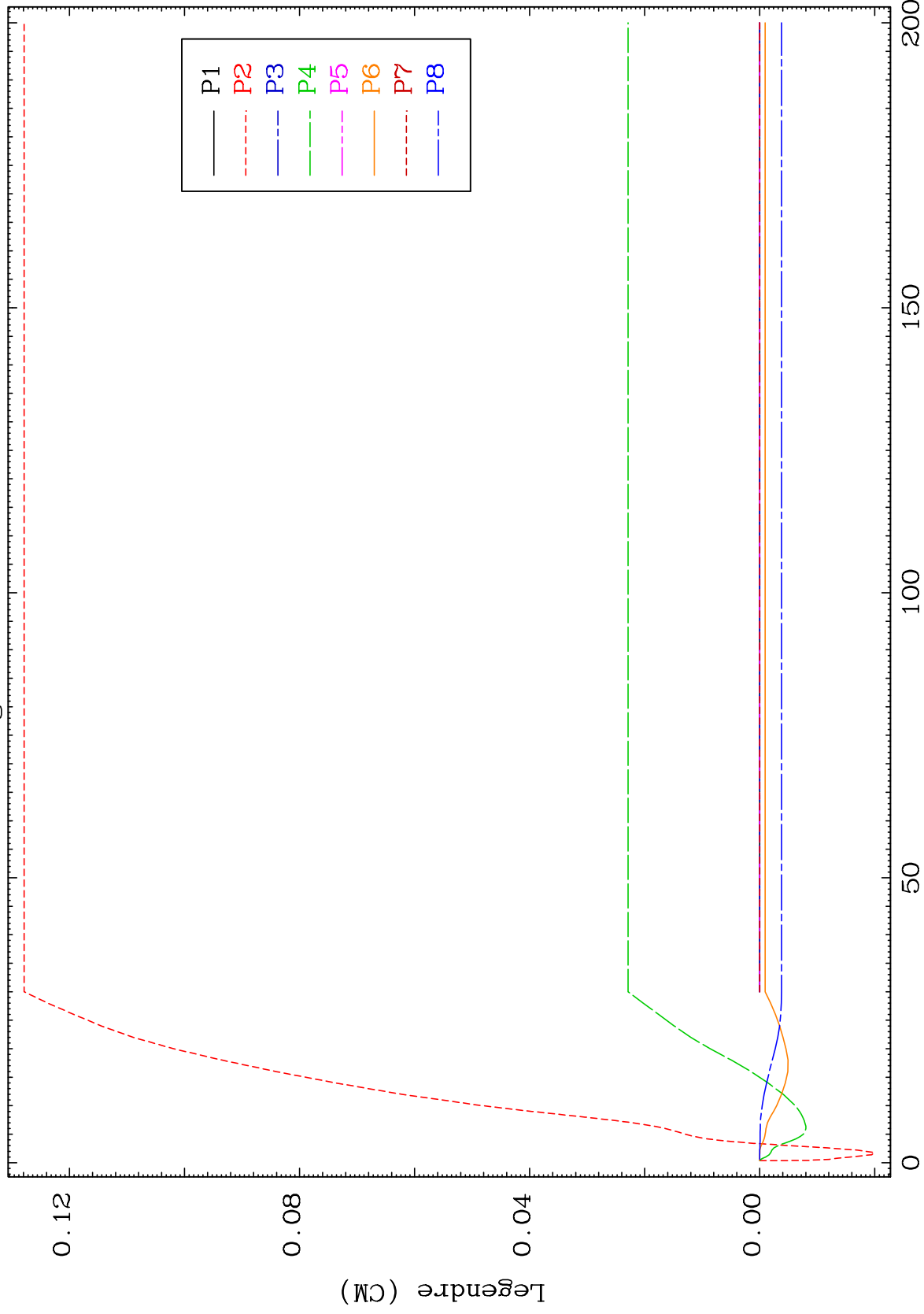
55-Cs-126



MAT 5504

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

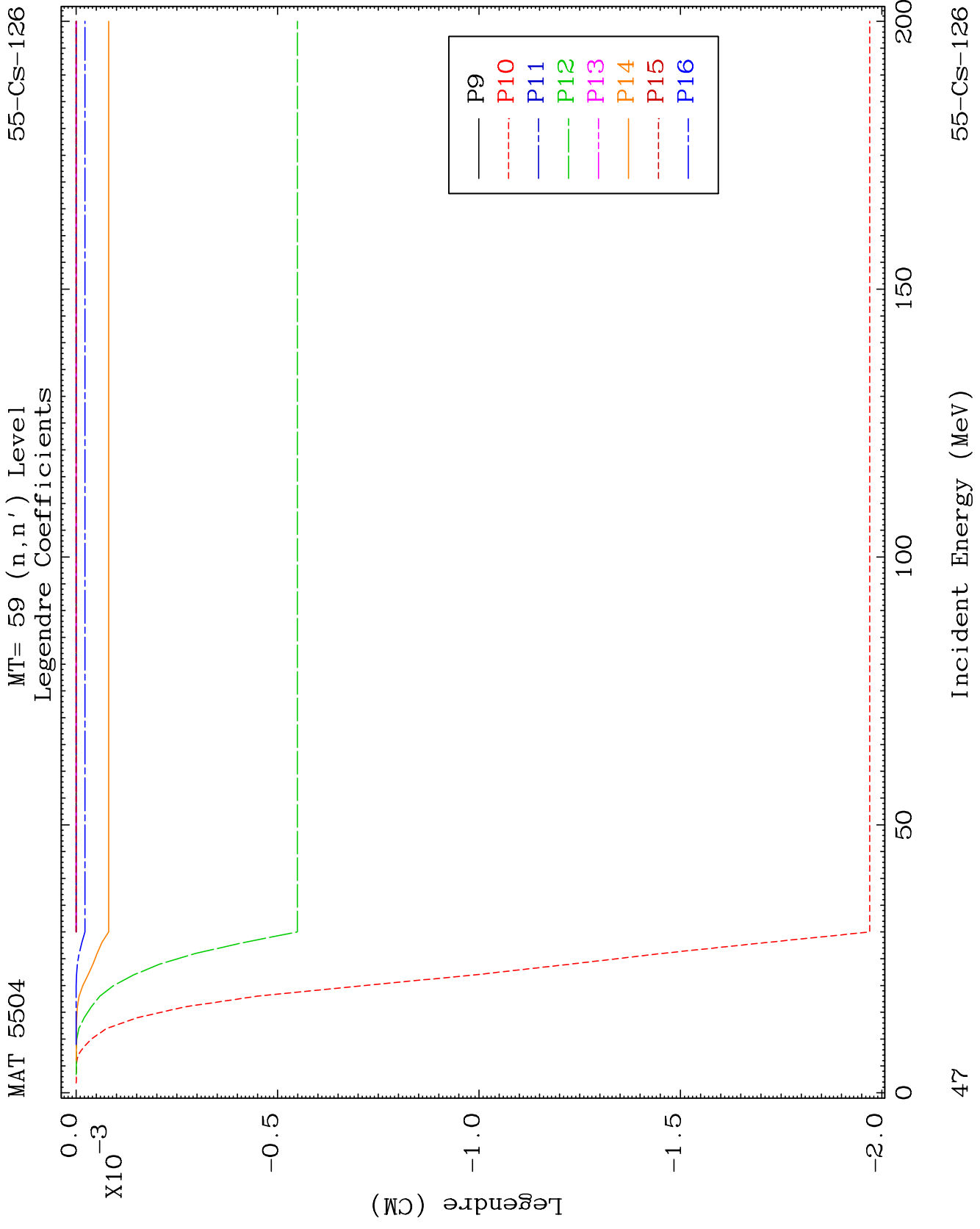
55-Cs-126



55-Cs-126

Incident Energy (MeV)

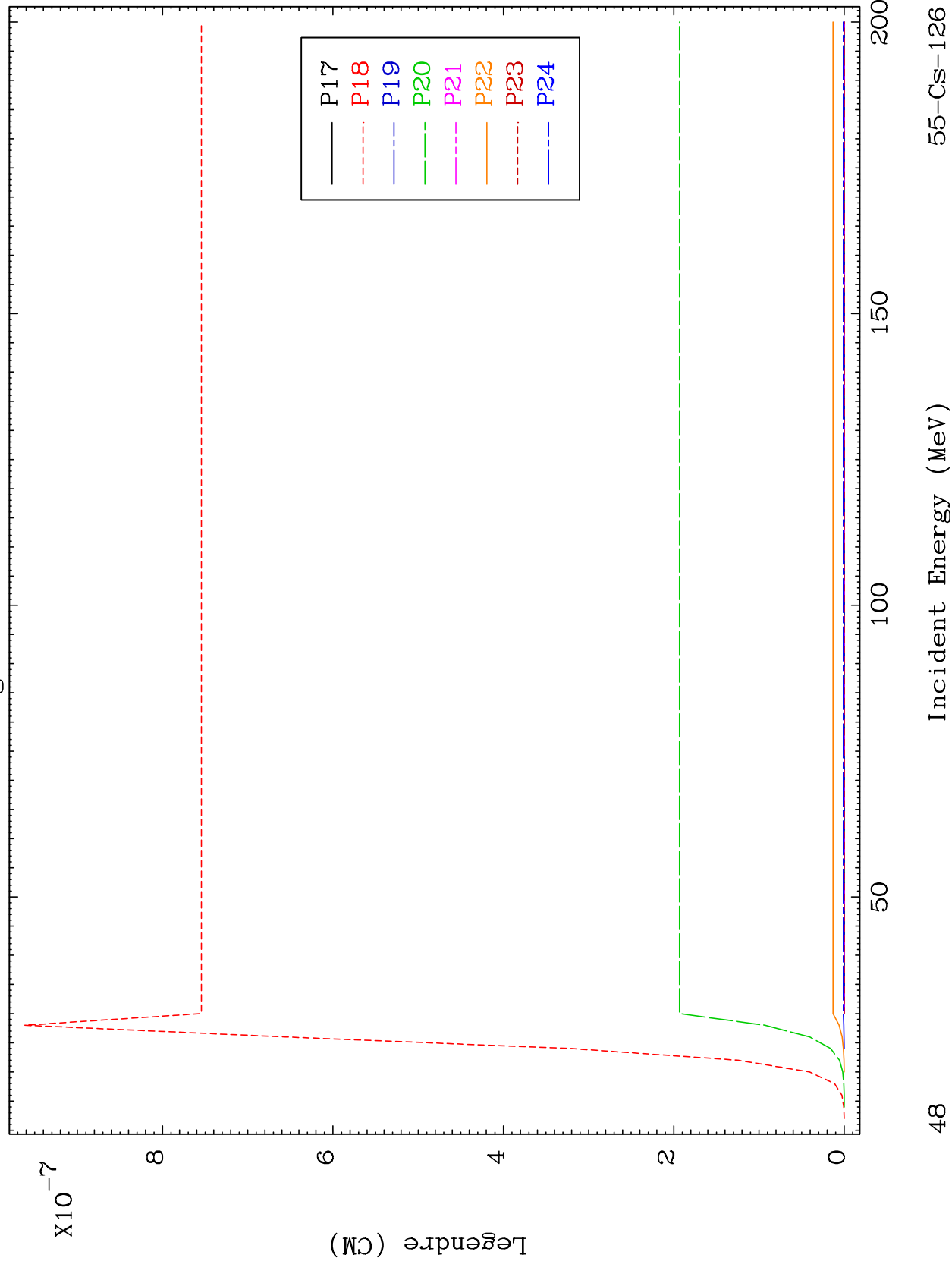
46



MAT 5504

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

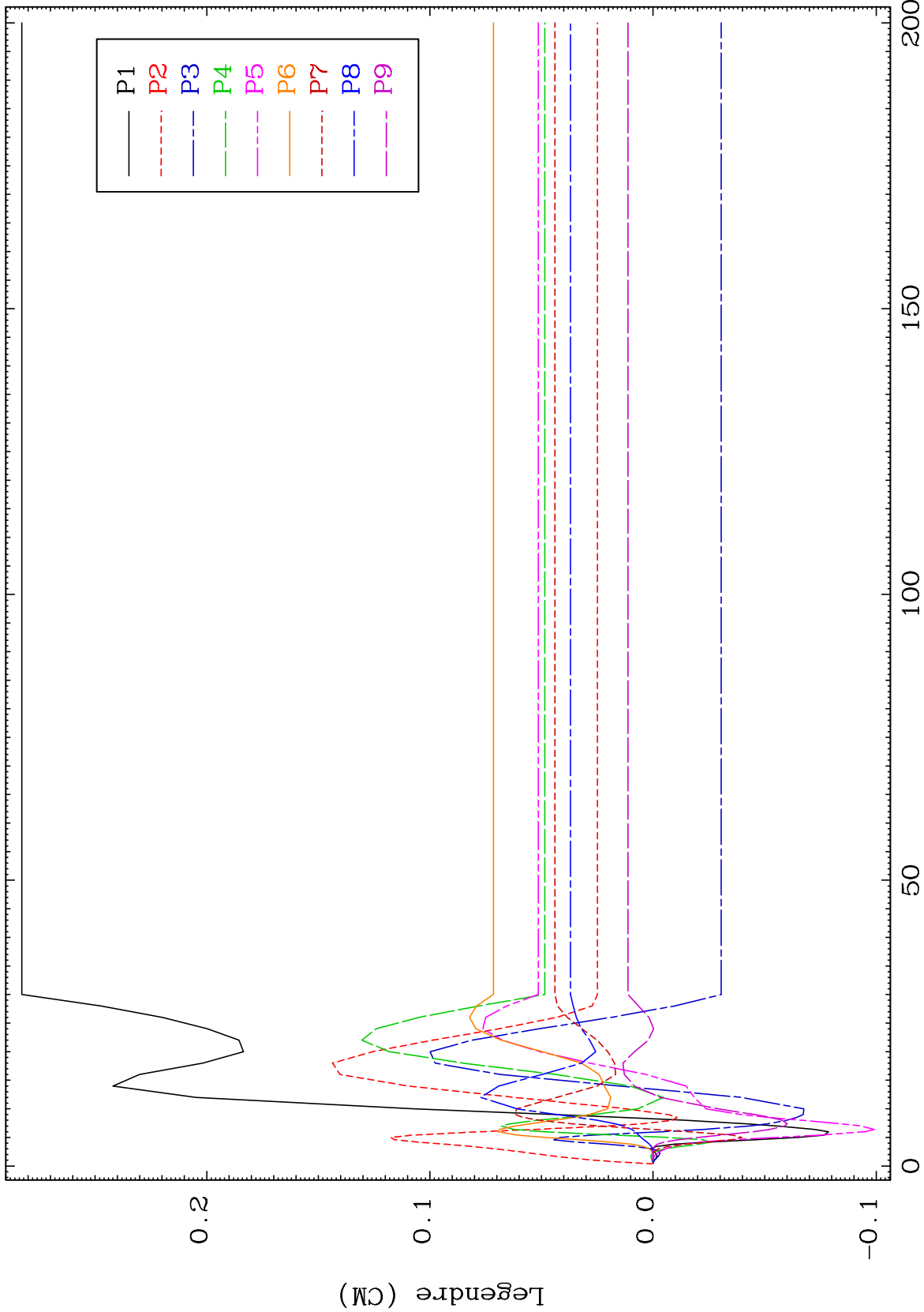
55-Cs-126



MAT 5504

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

55-Cs-126



49

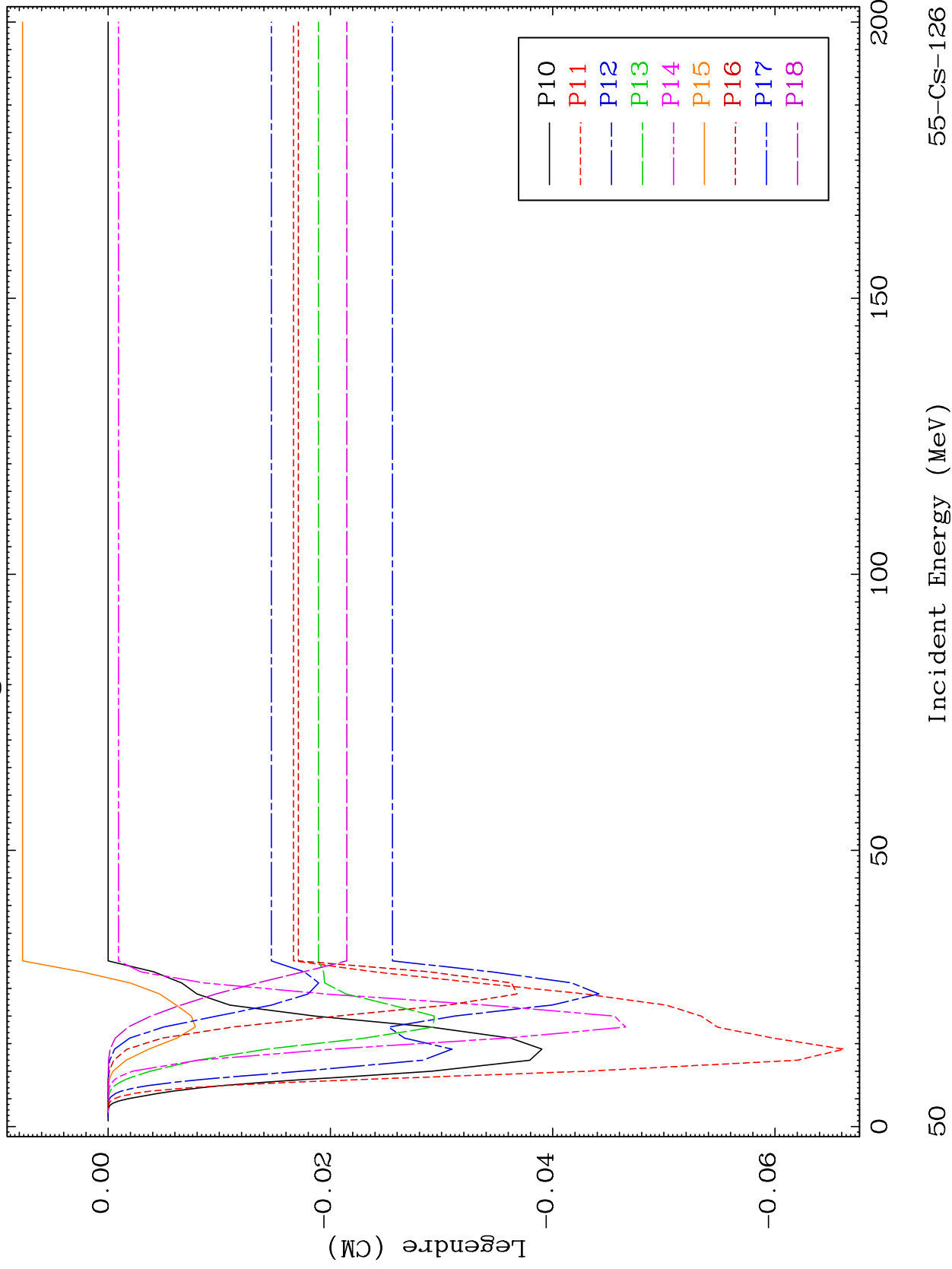
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

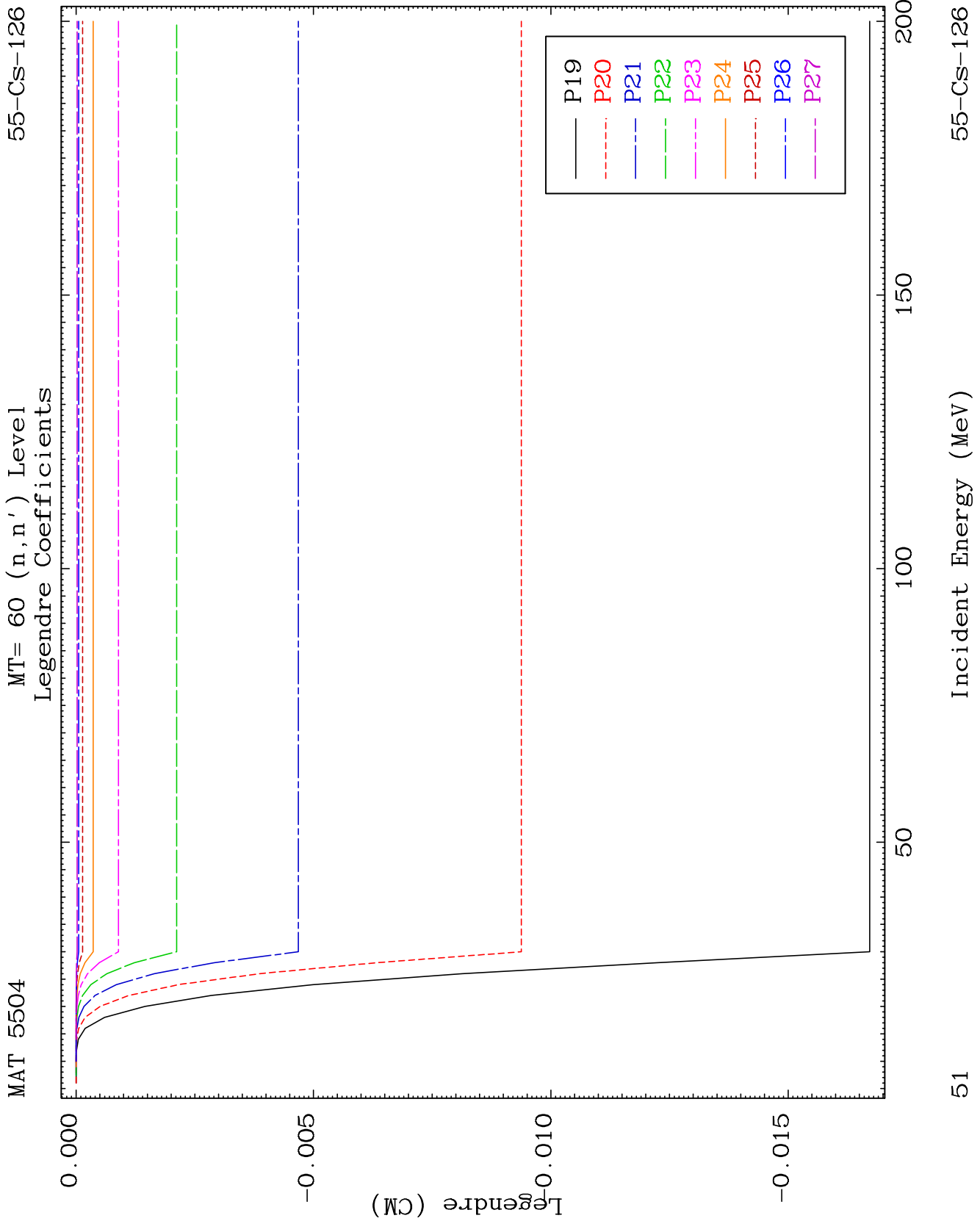
55-Cs-126

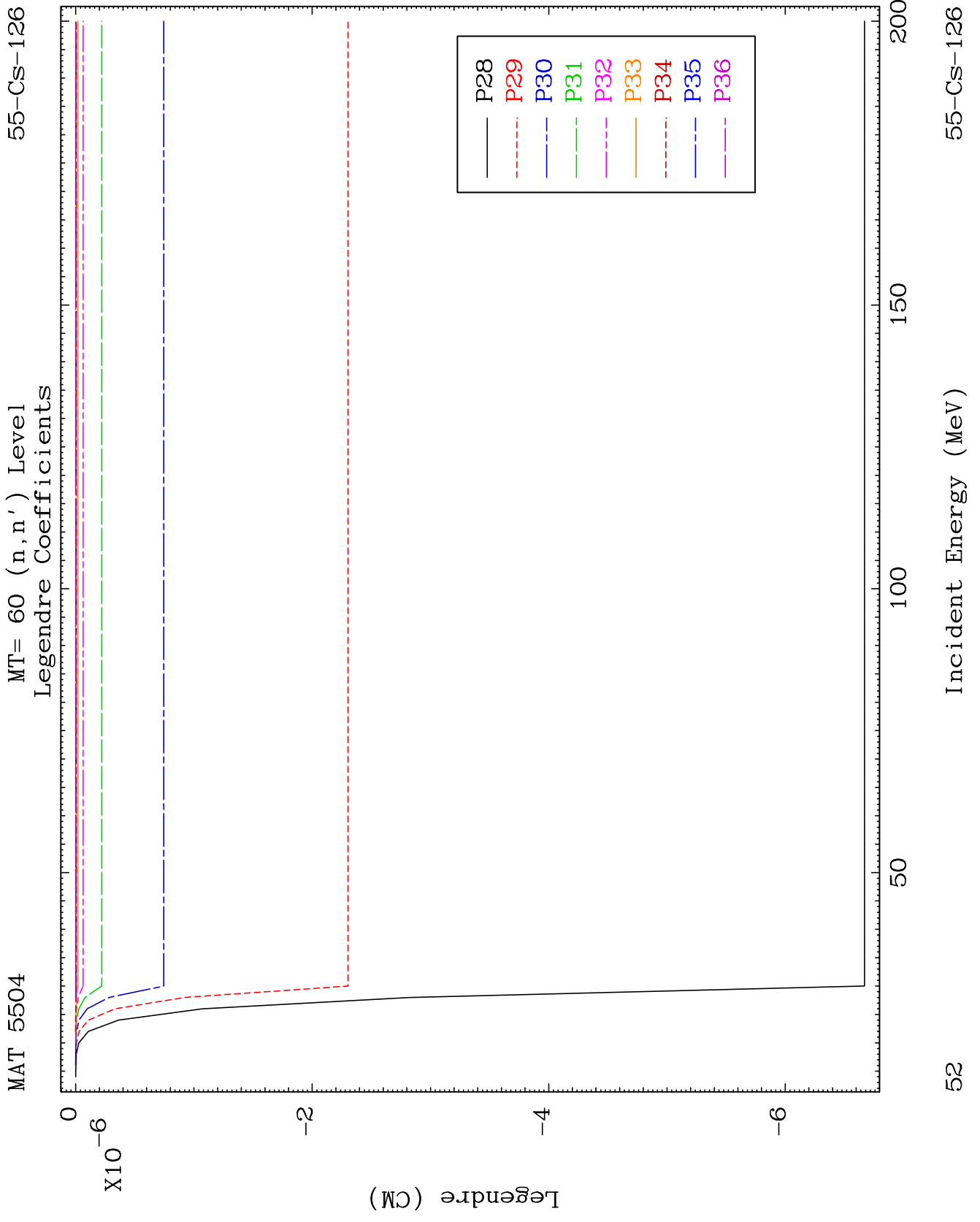


55-Cs-126

Incident Energy (MeV)

50

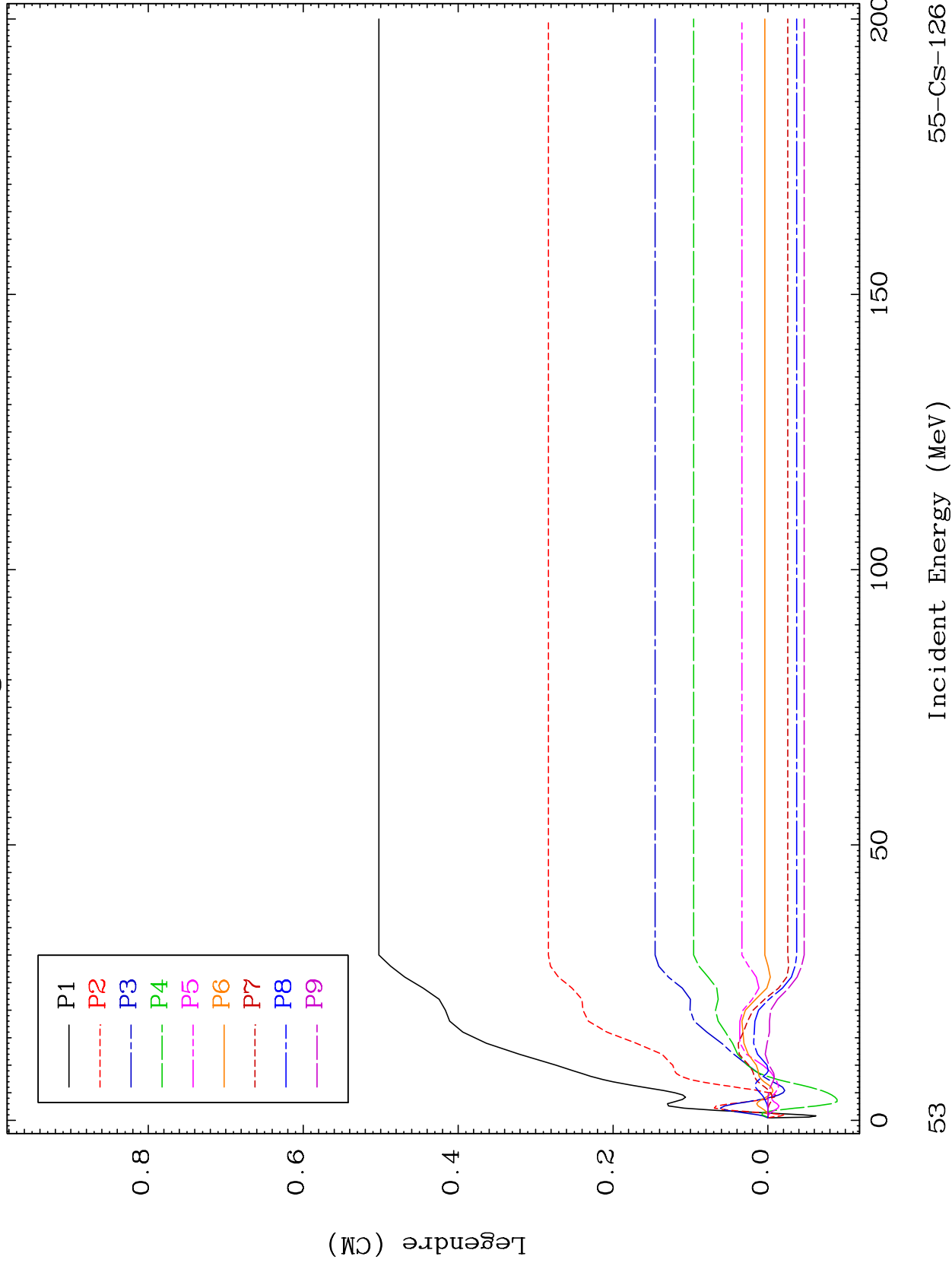




MAT 5504

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

55-Cs-126



55-Cs-126

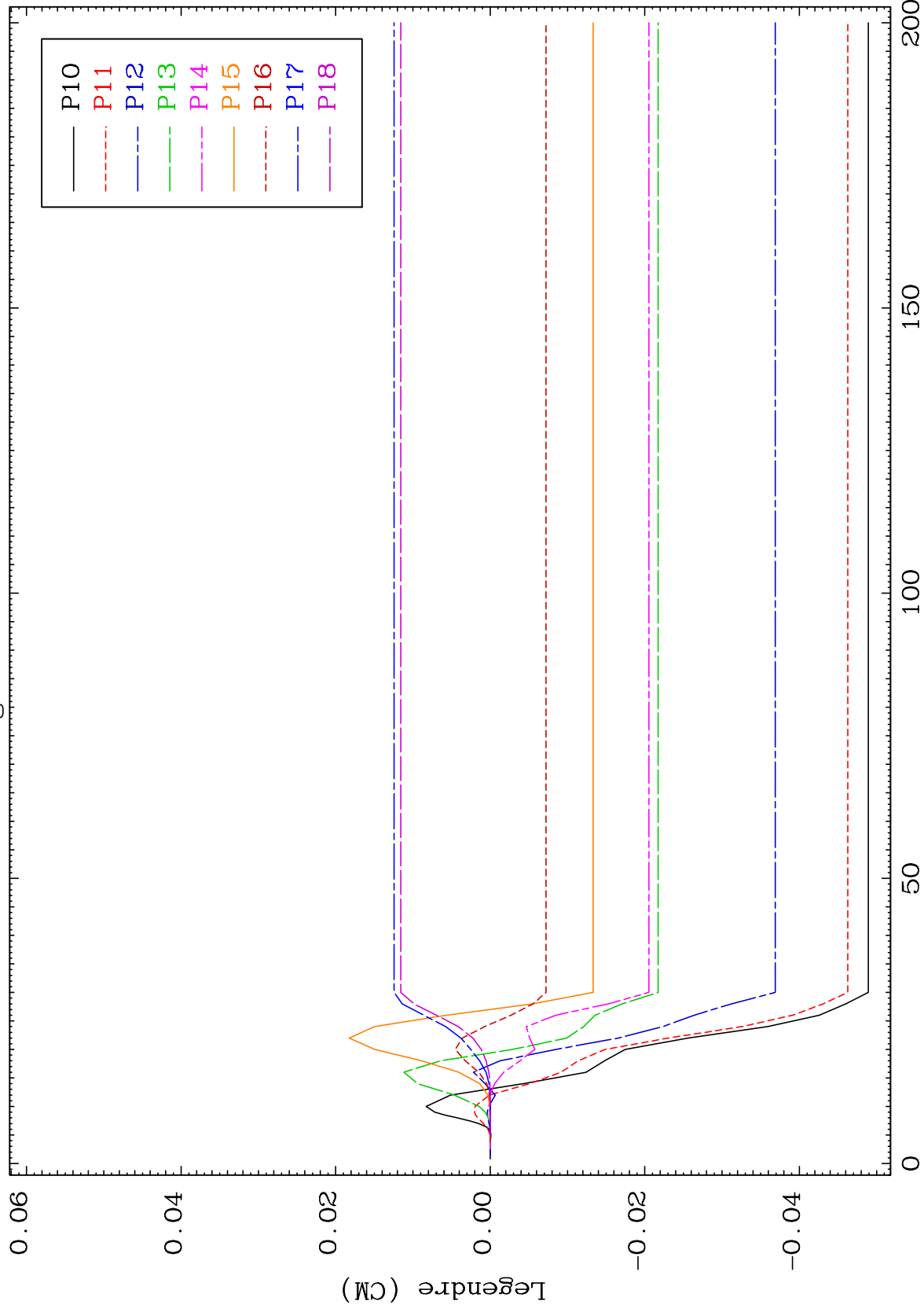
Incident Energy (MeV)

53

MAT 5504

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

55-Cs-126



54

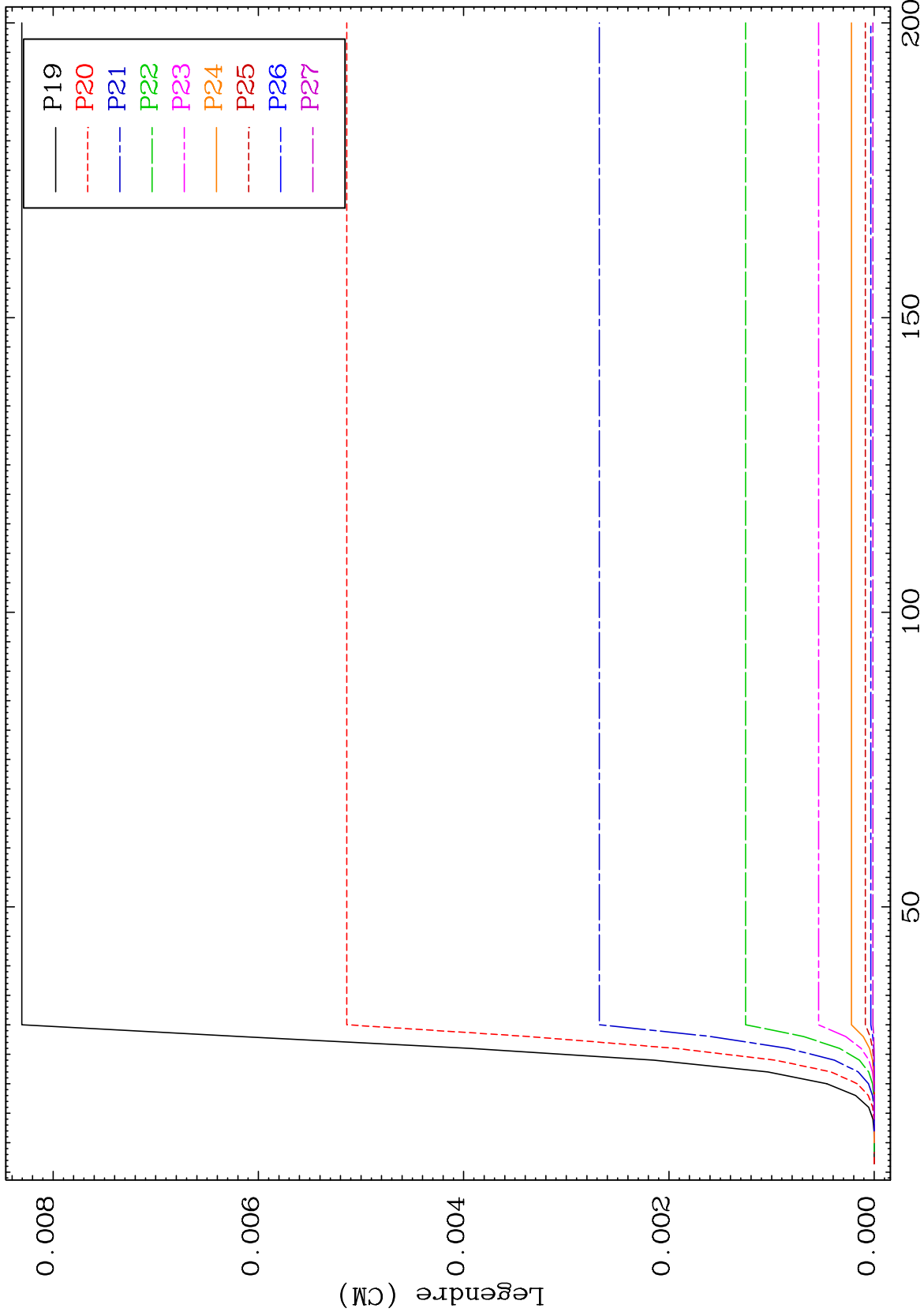
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



55

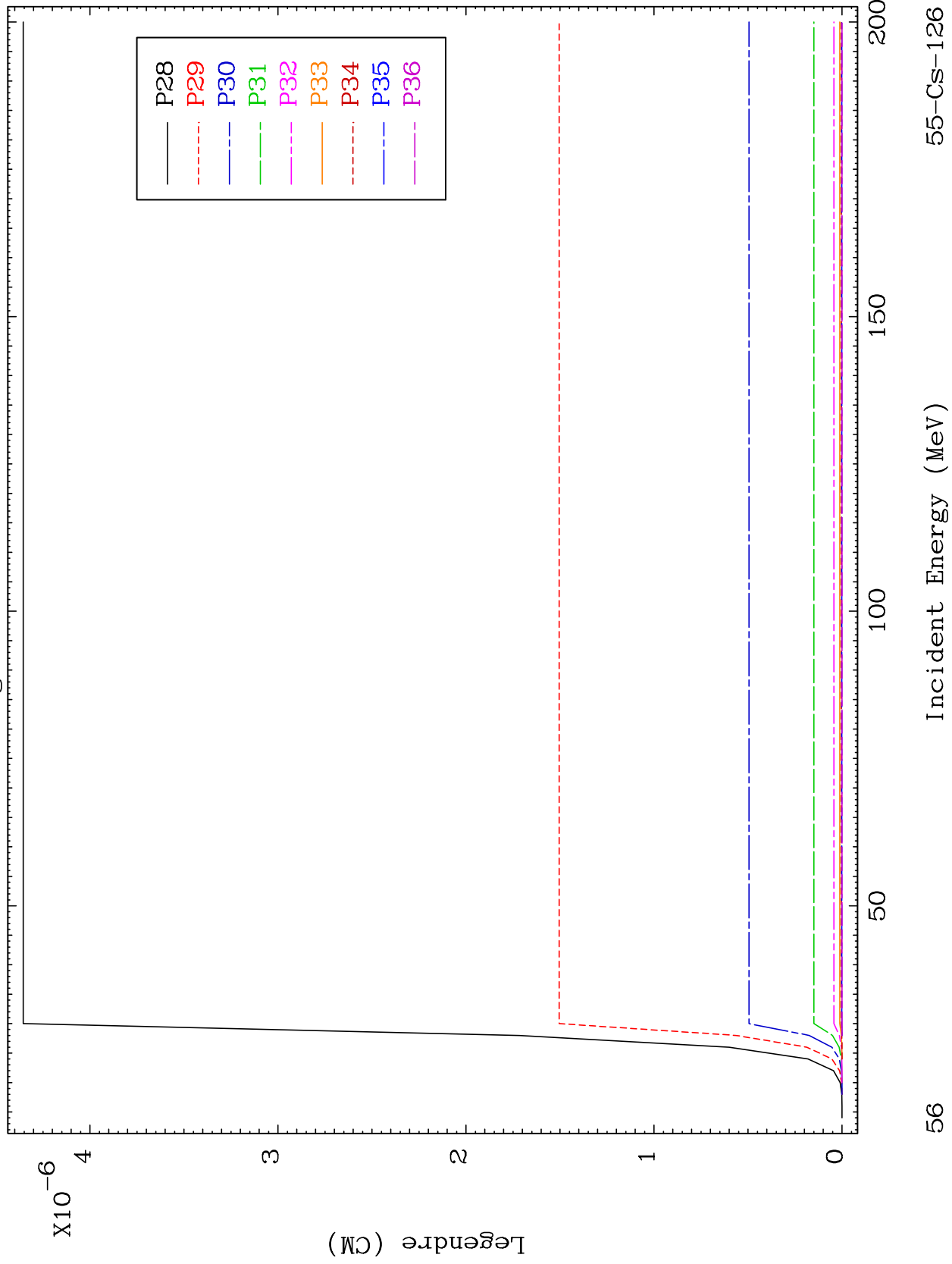
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

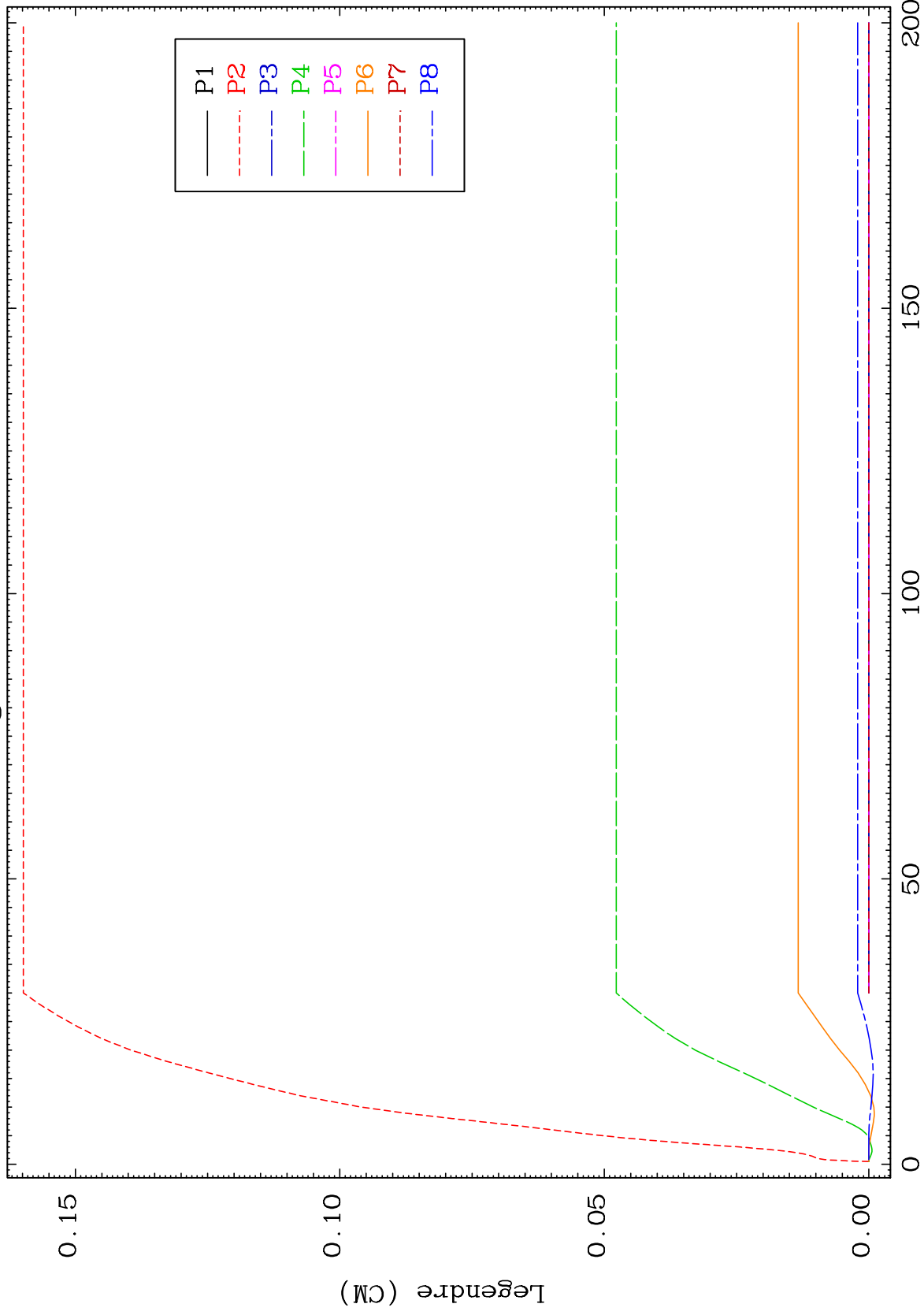
55-Cs-126



MAT 5504

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

55-Cs-126



57

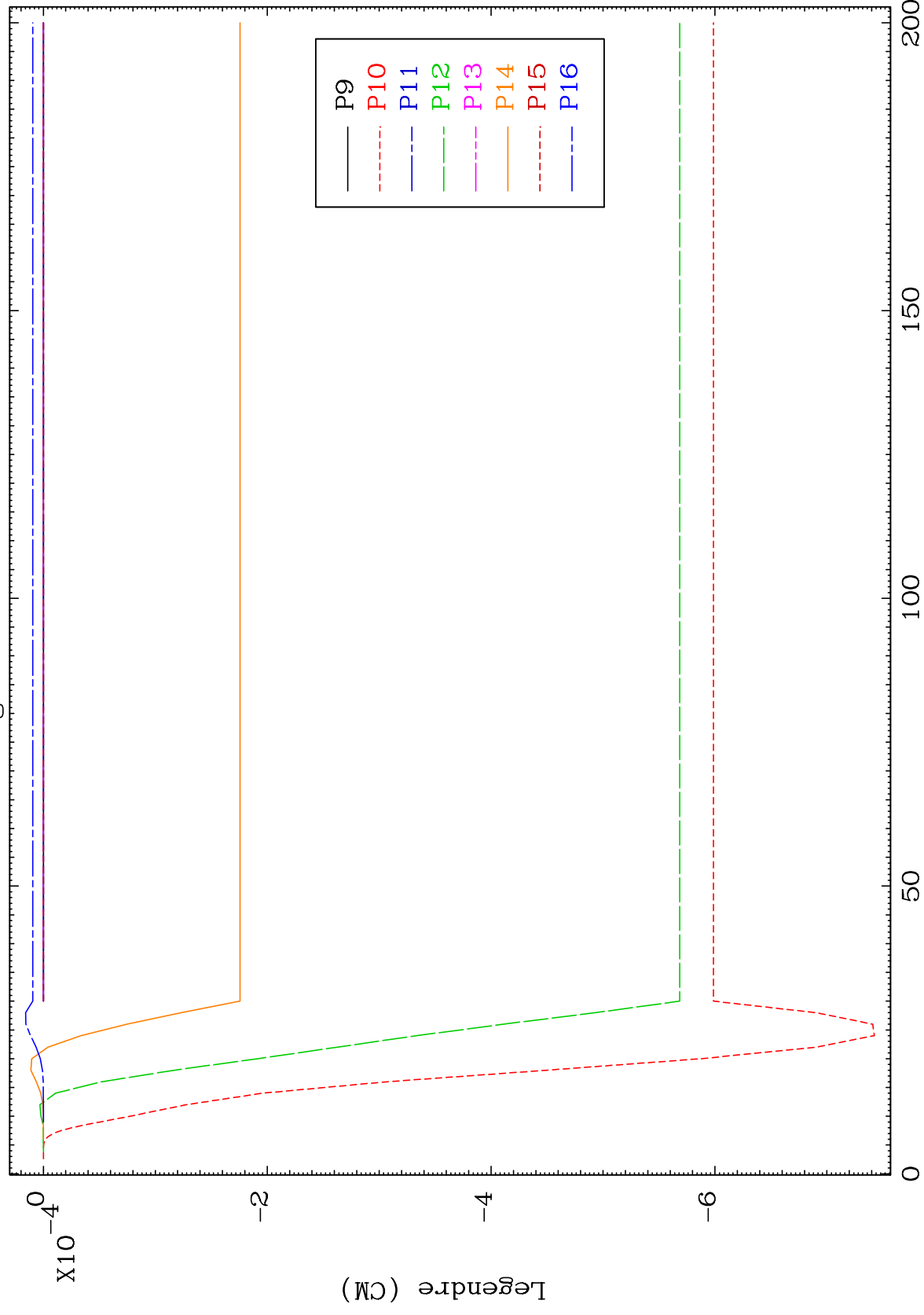
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



58

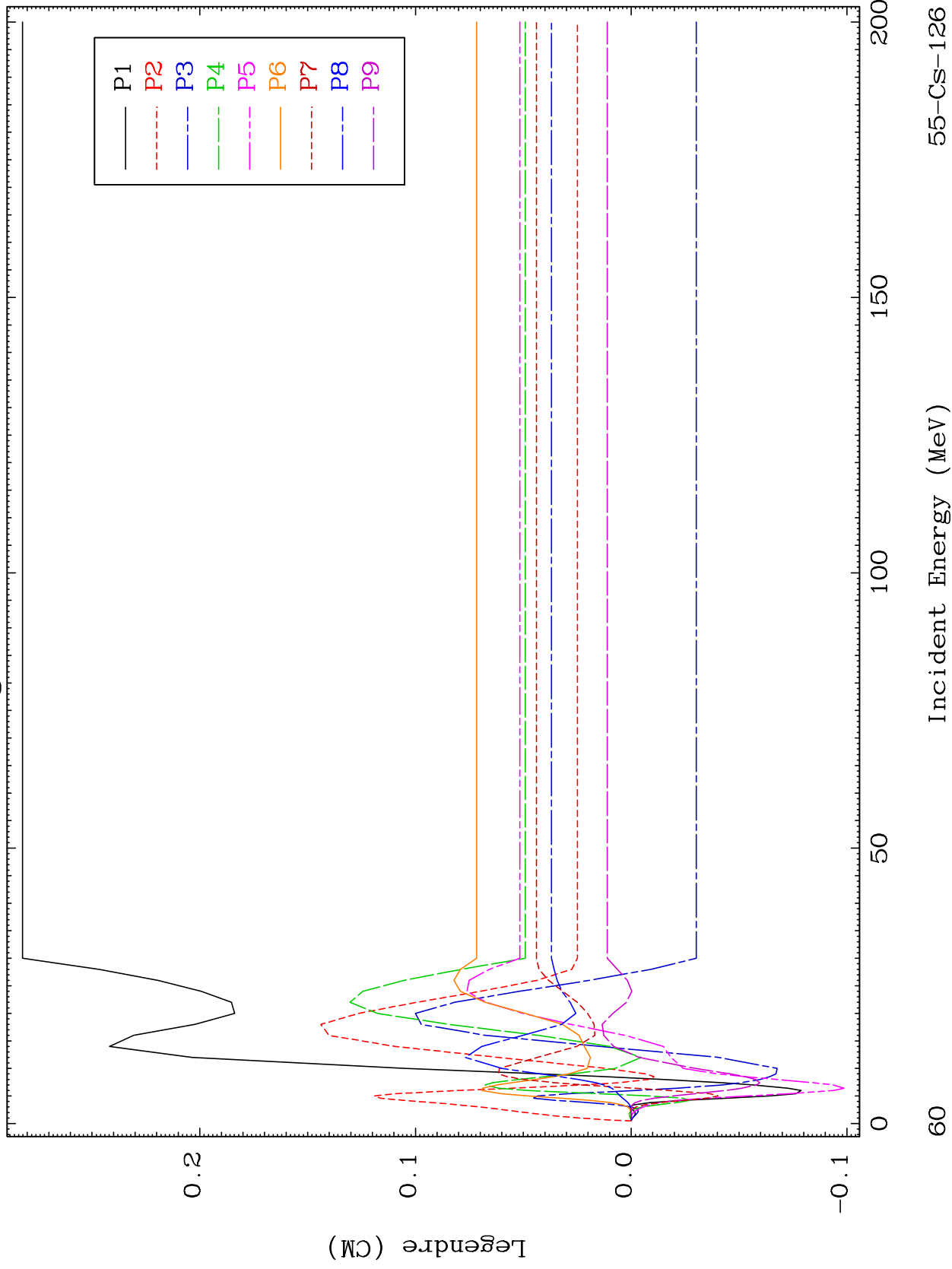
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

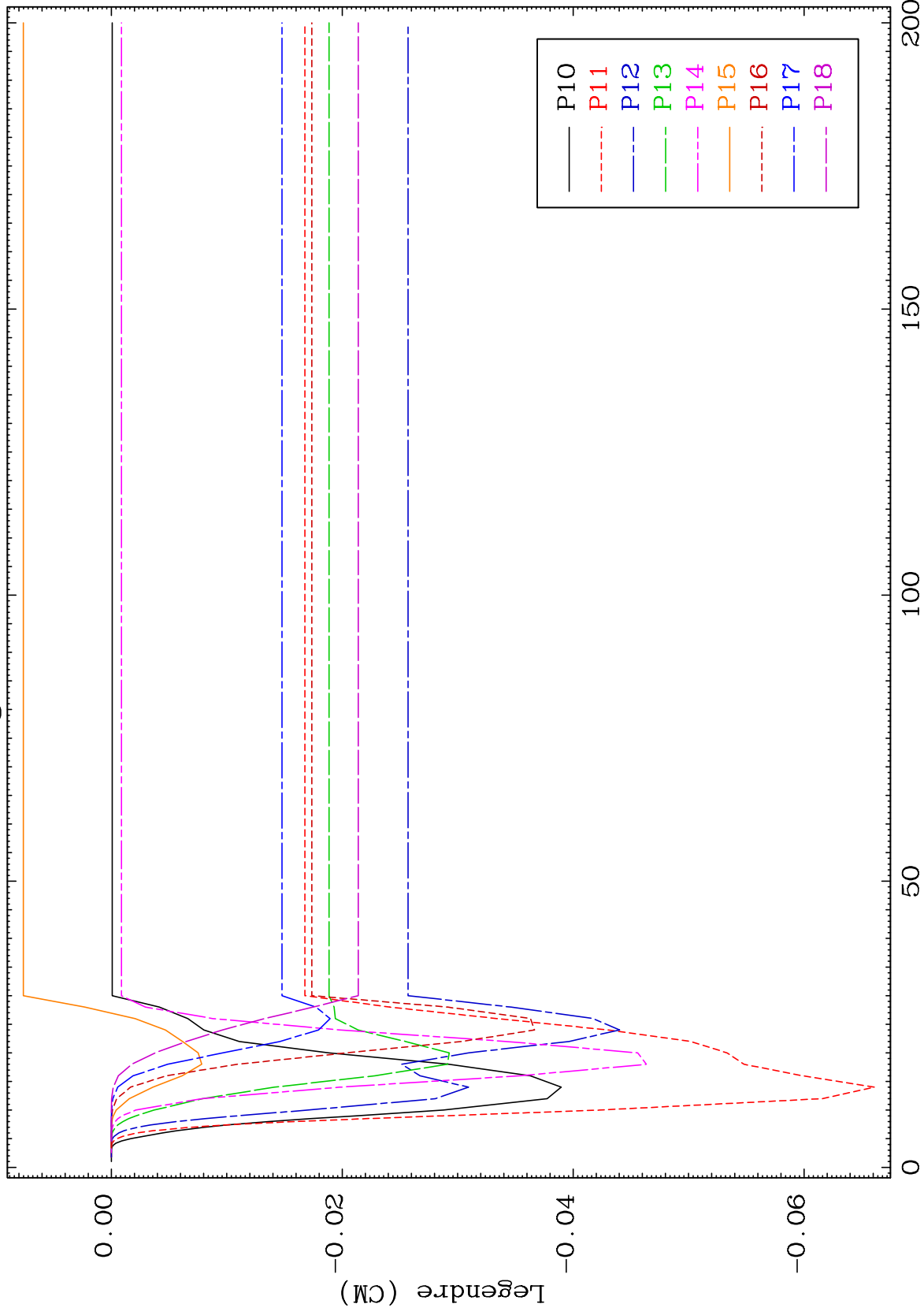
55-Cs-126



MAT 5504

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

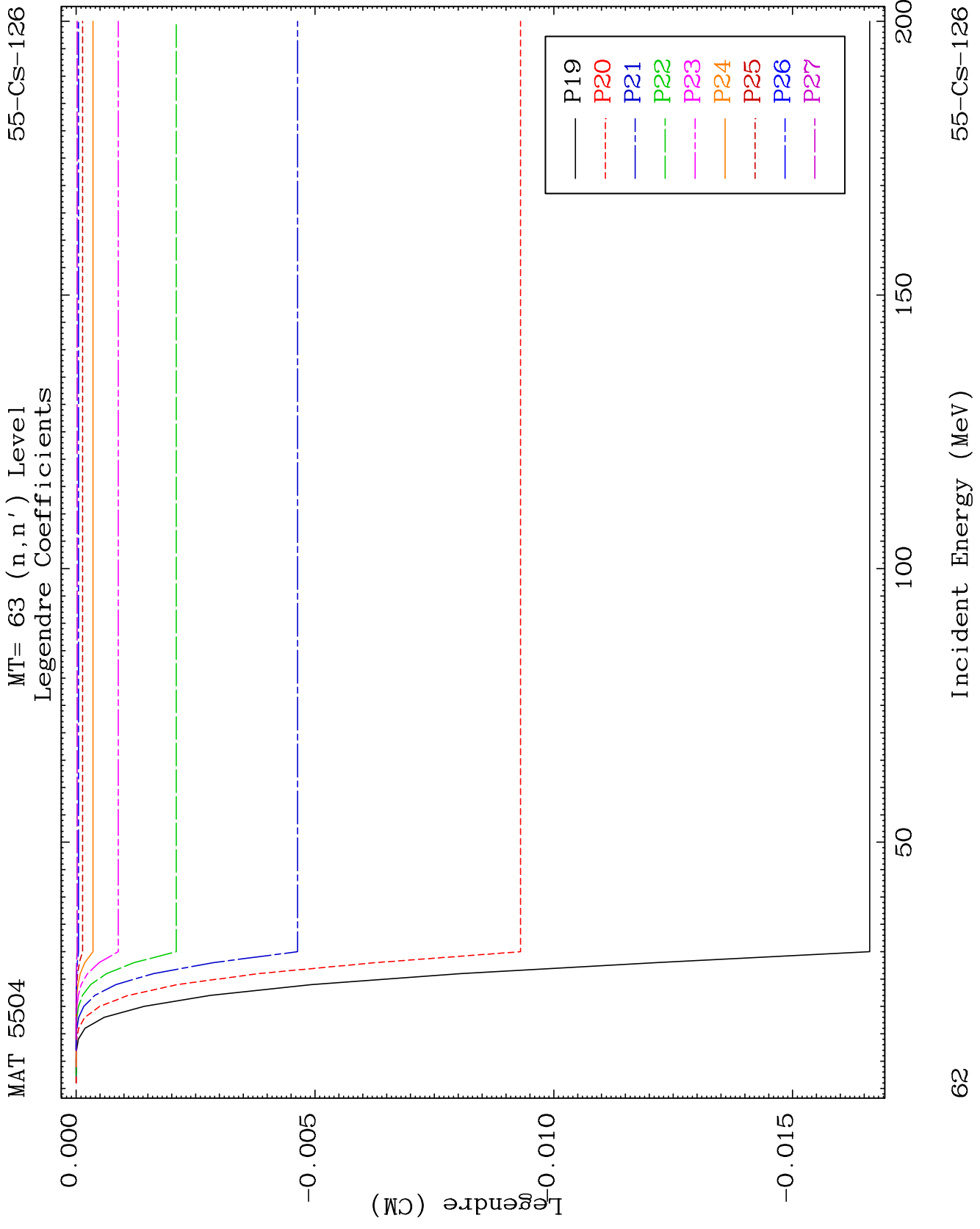
55-Cs-126

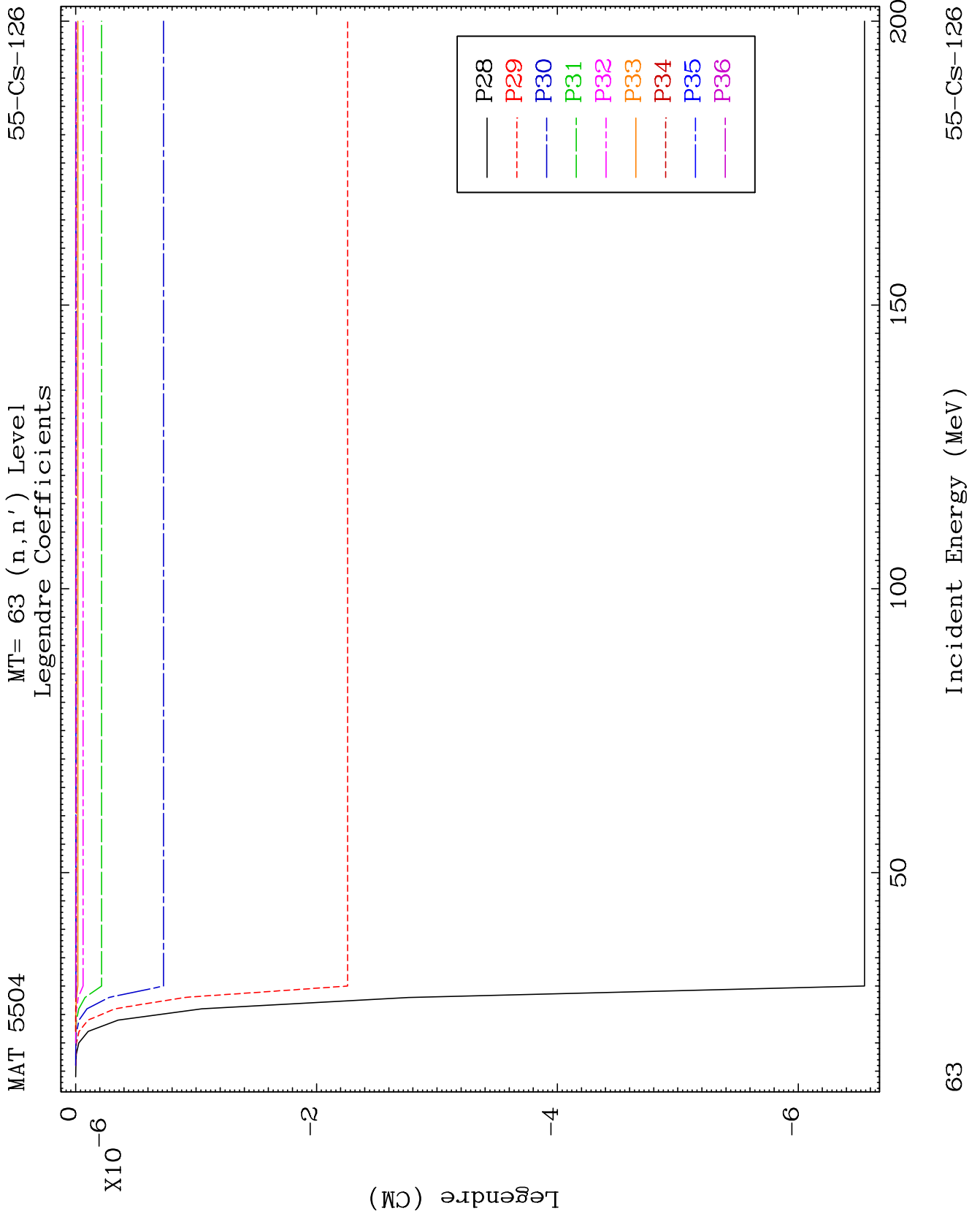


55-Cs-126

Incident Energy (MeV)

61

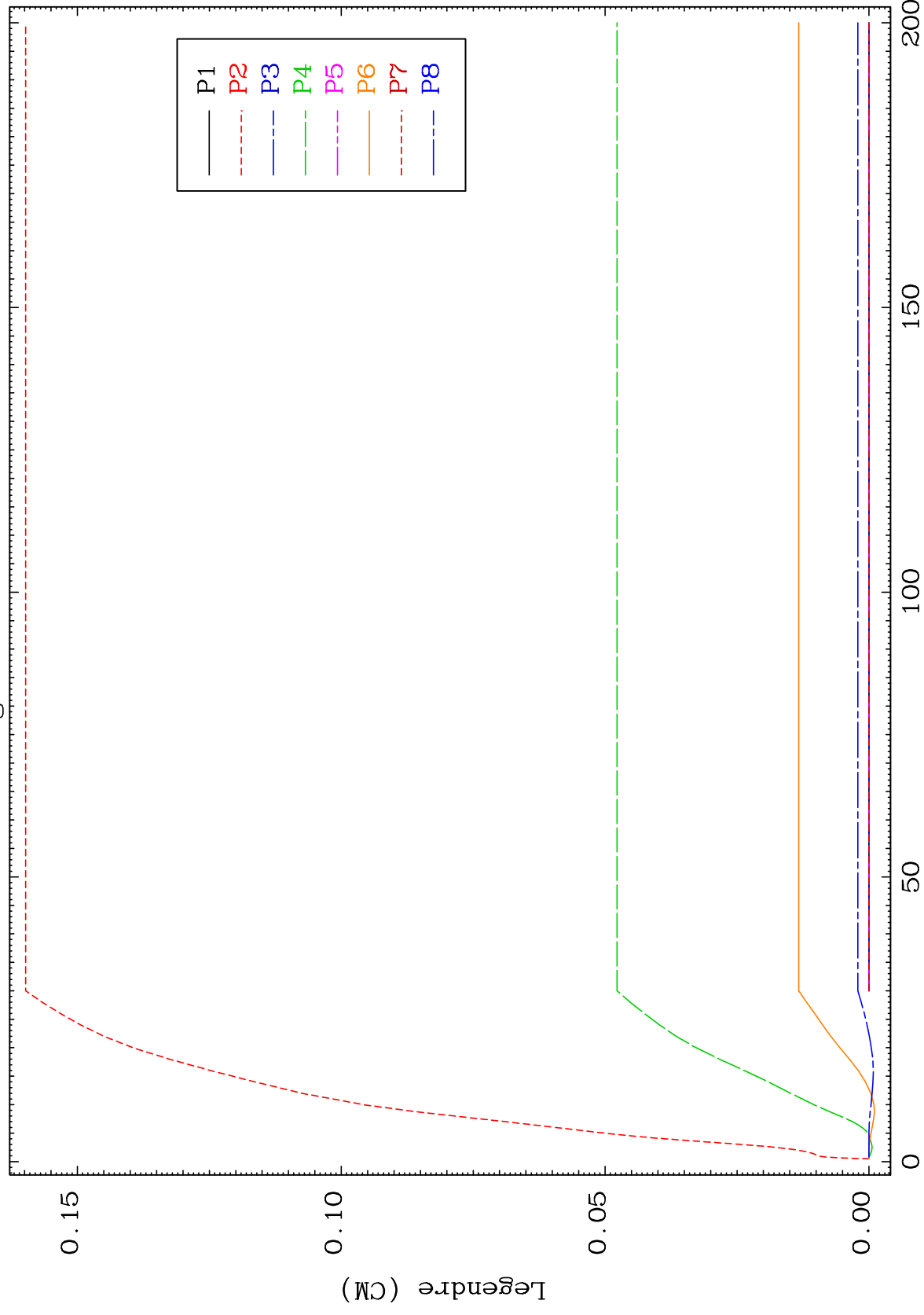




MAT 5504

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

55-Cs-126



55-Cs-126

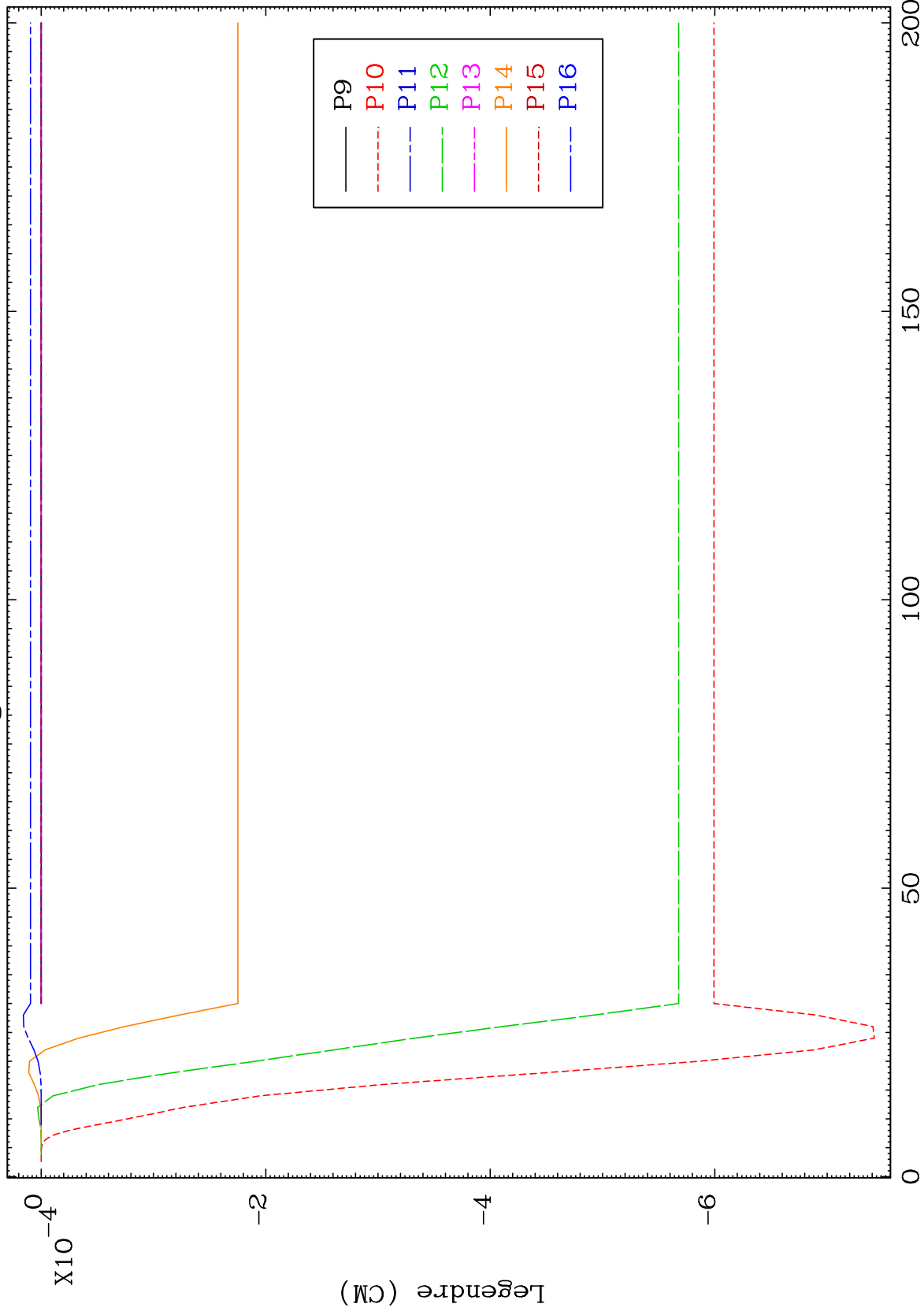
Incident Energy (MeV)

64

MAT 5504

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

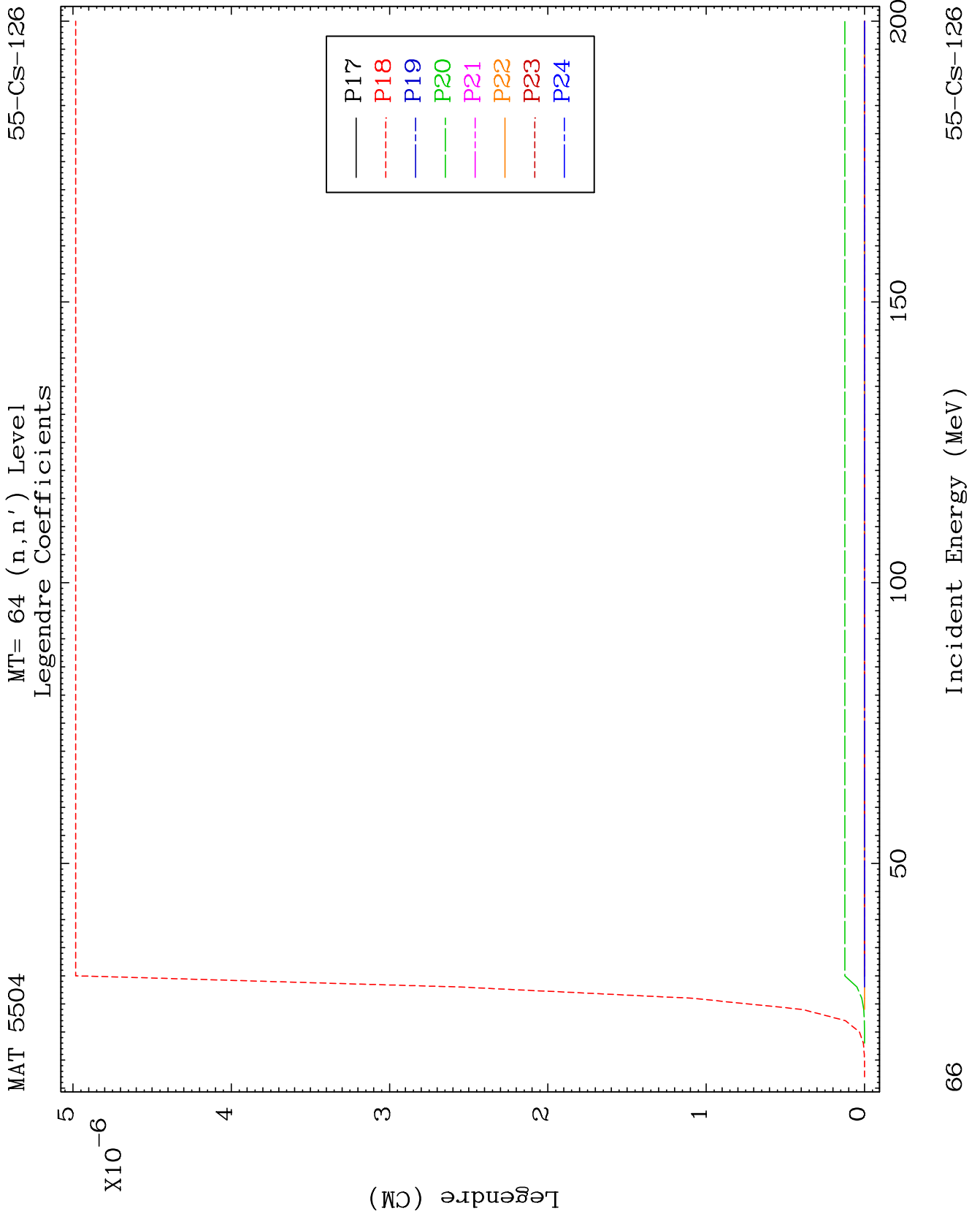
55-Cs-126



65

Incident Energy (MeV)

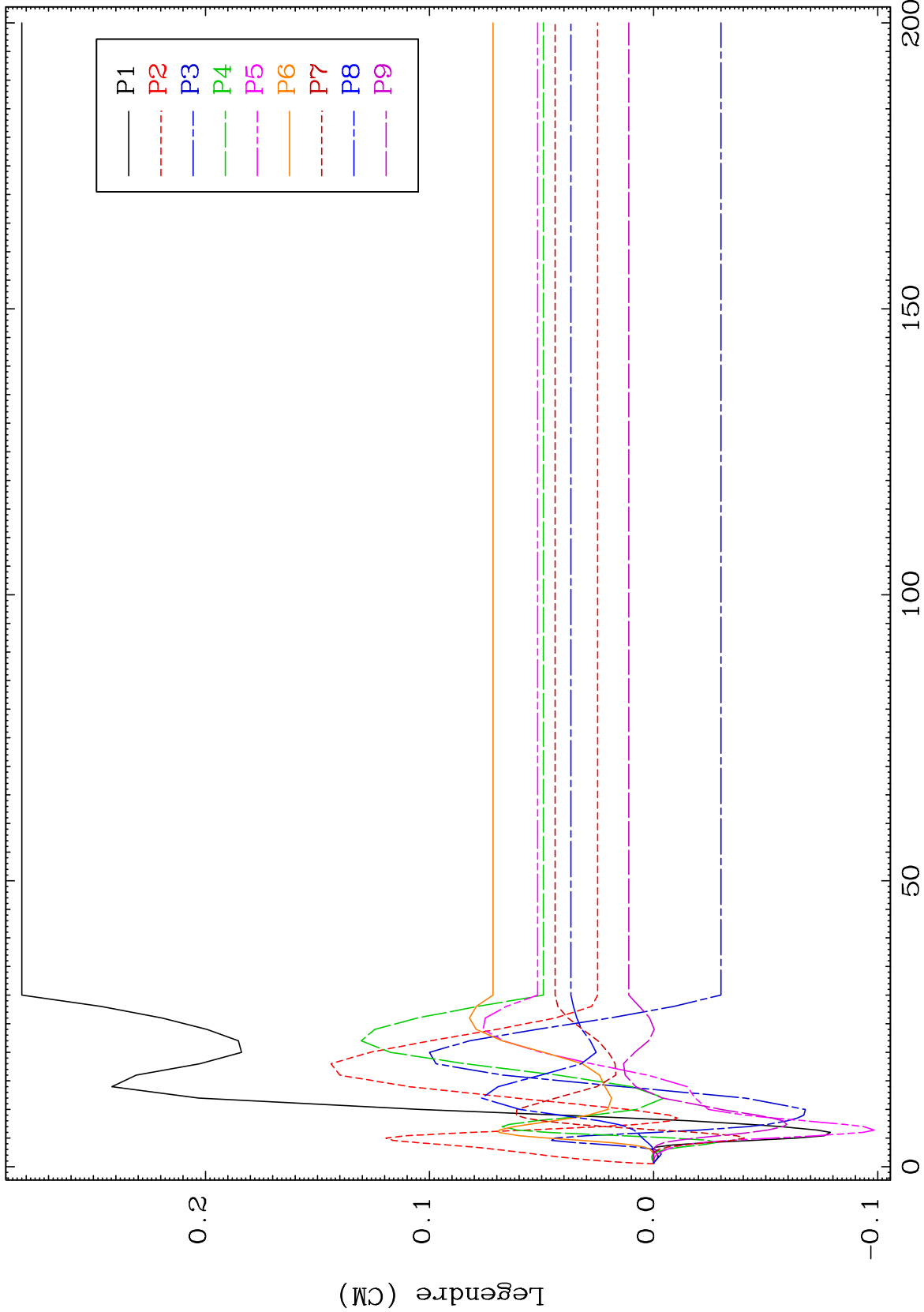
55-Cs-126



MAT 5504

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

55-Cs-126



67

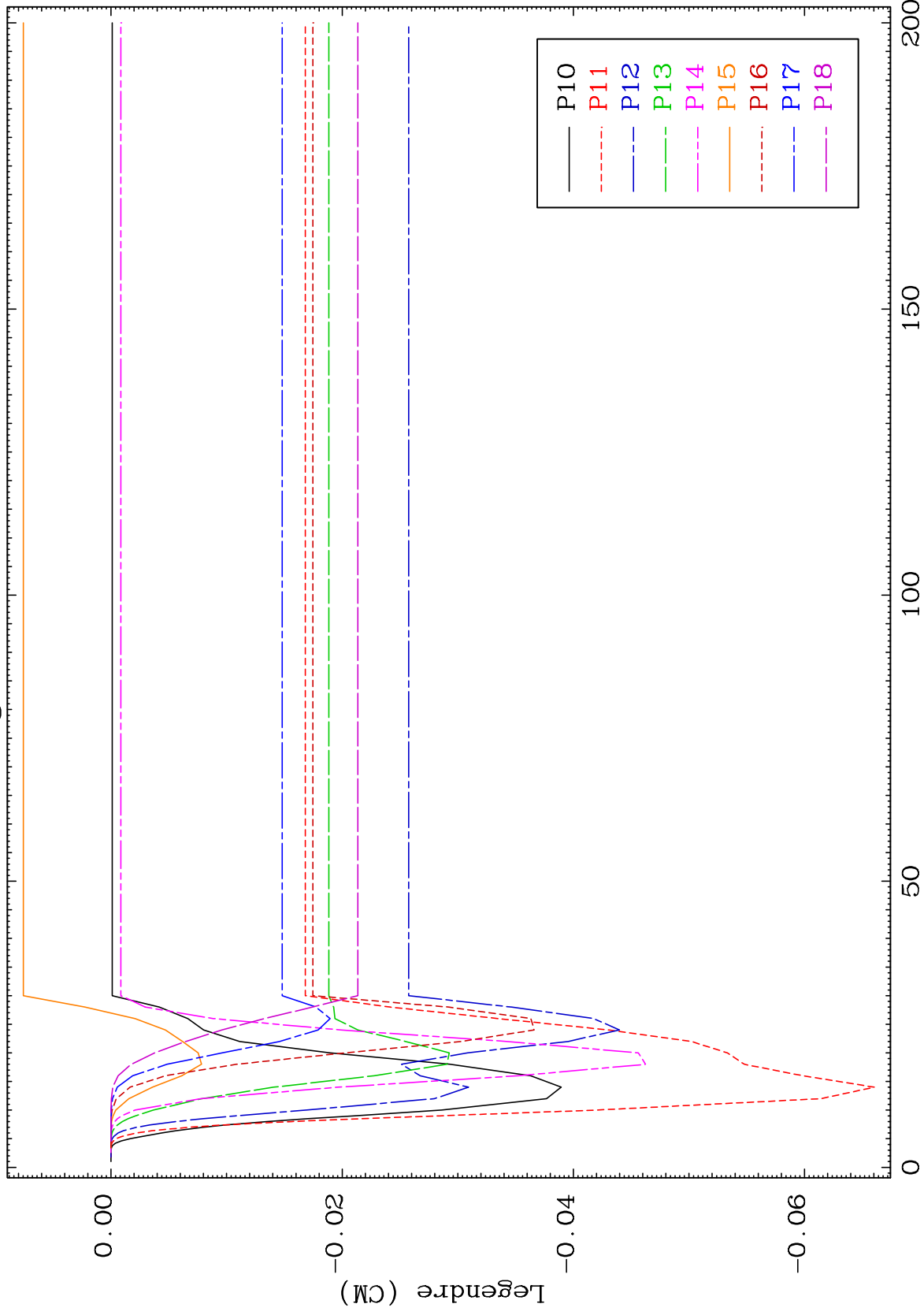
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

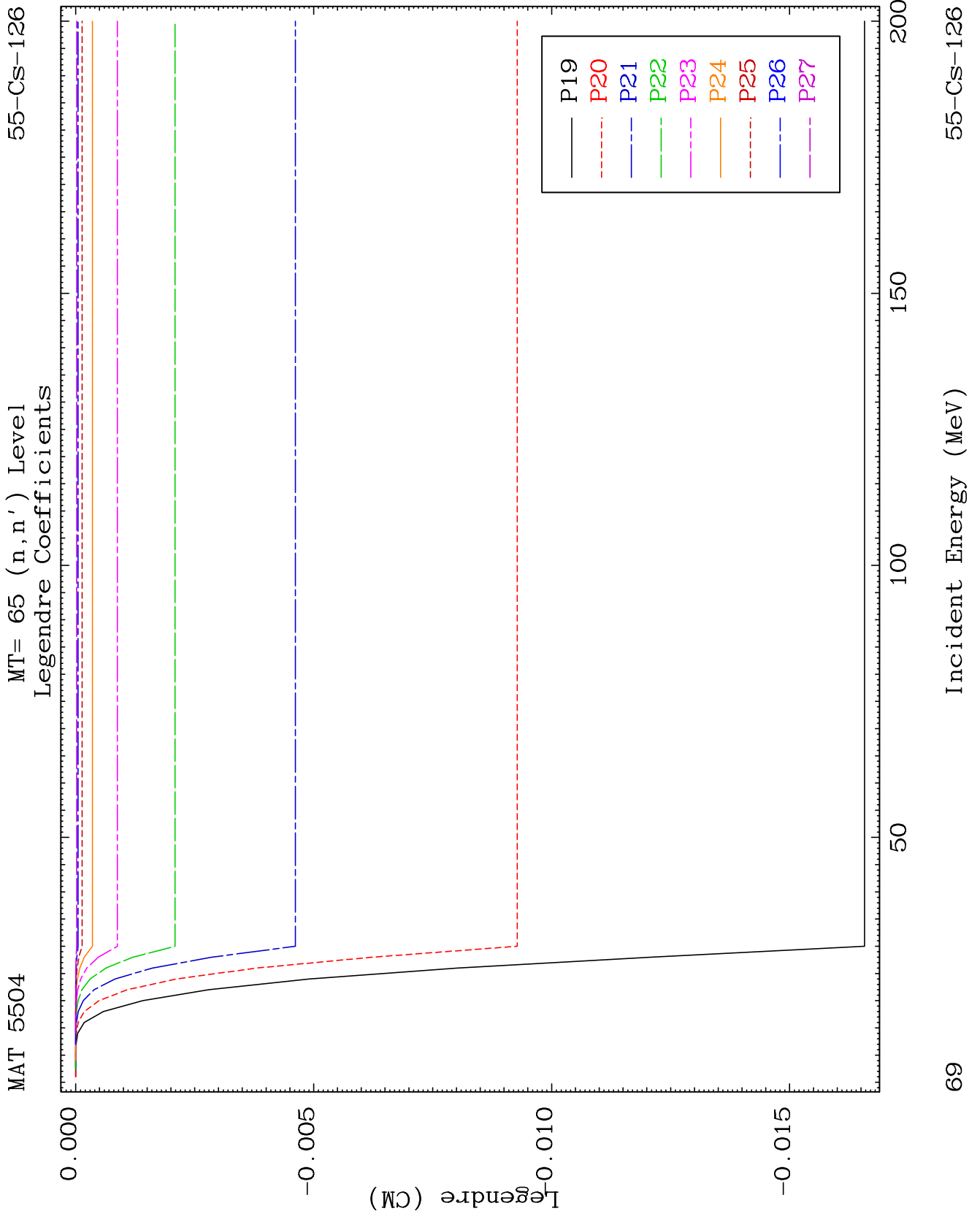
55-Cs-126

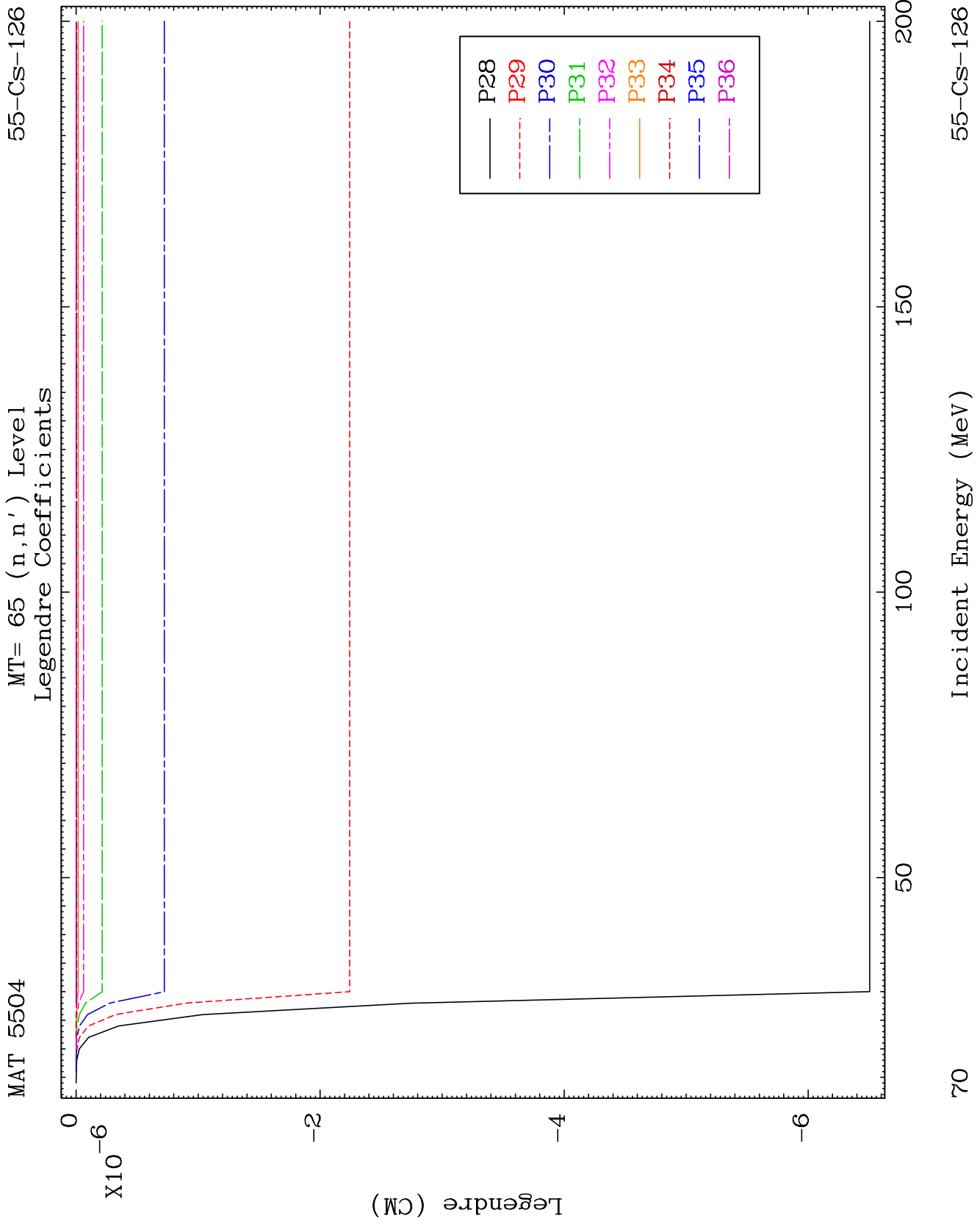


68

Incident Energy (MeV)

55-Cs-126

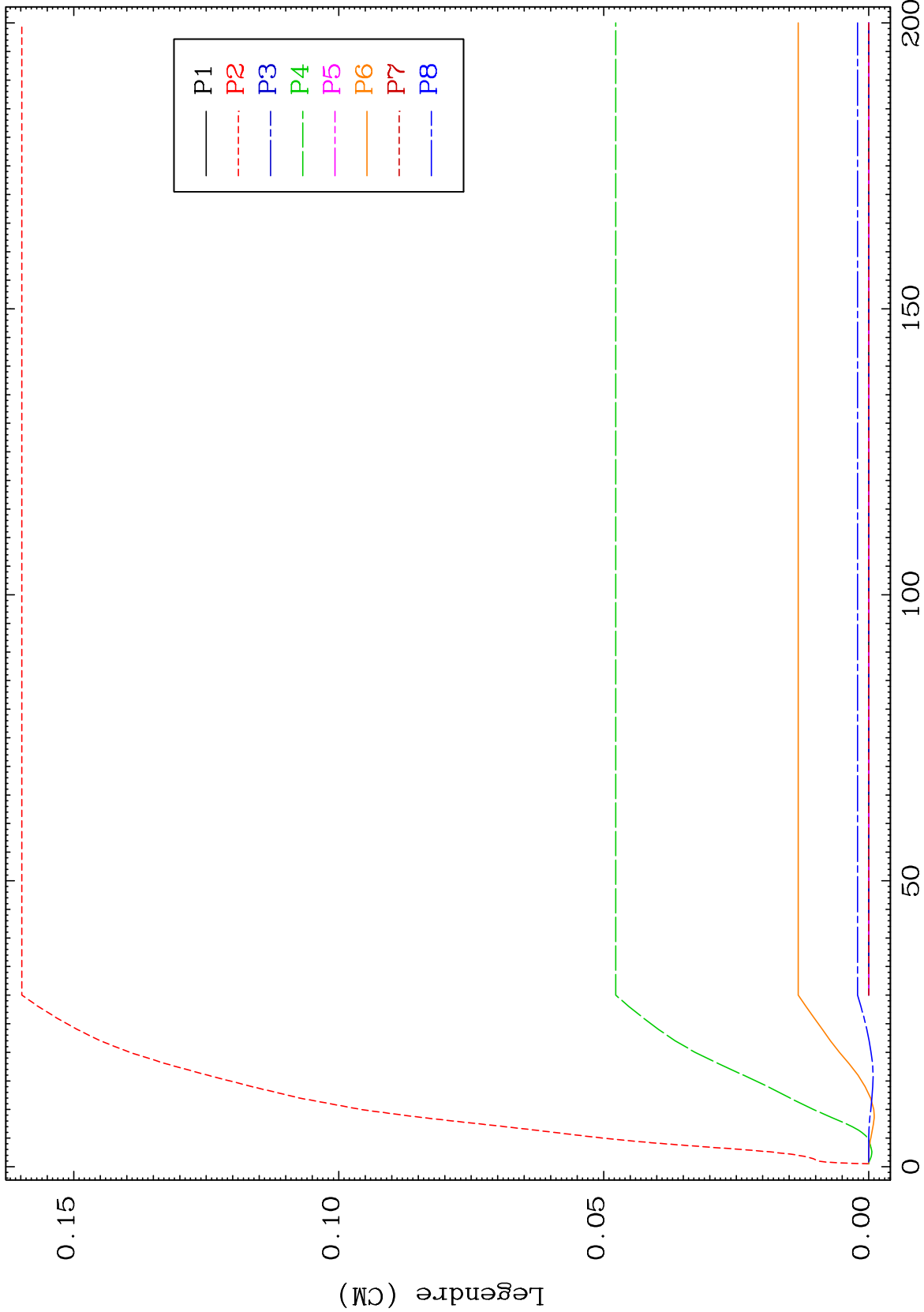




MAT 5504

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

55-Cs-126



71

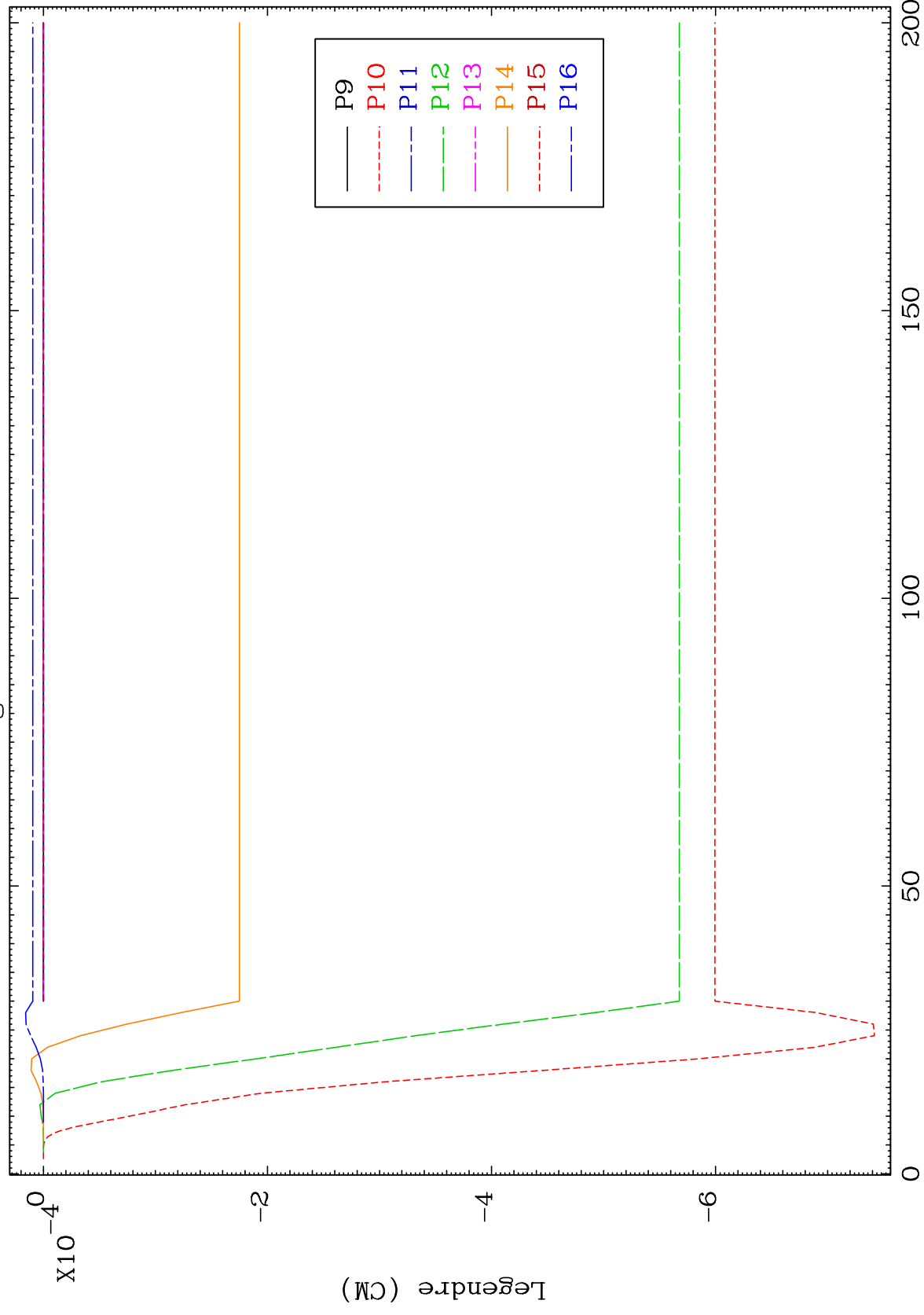
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

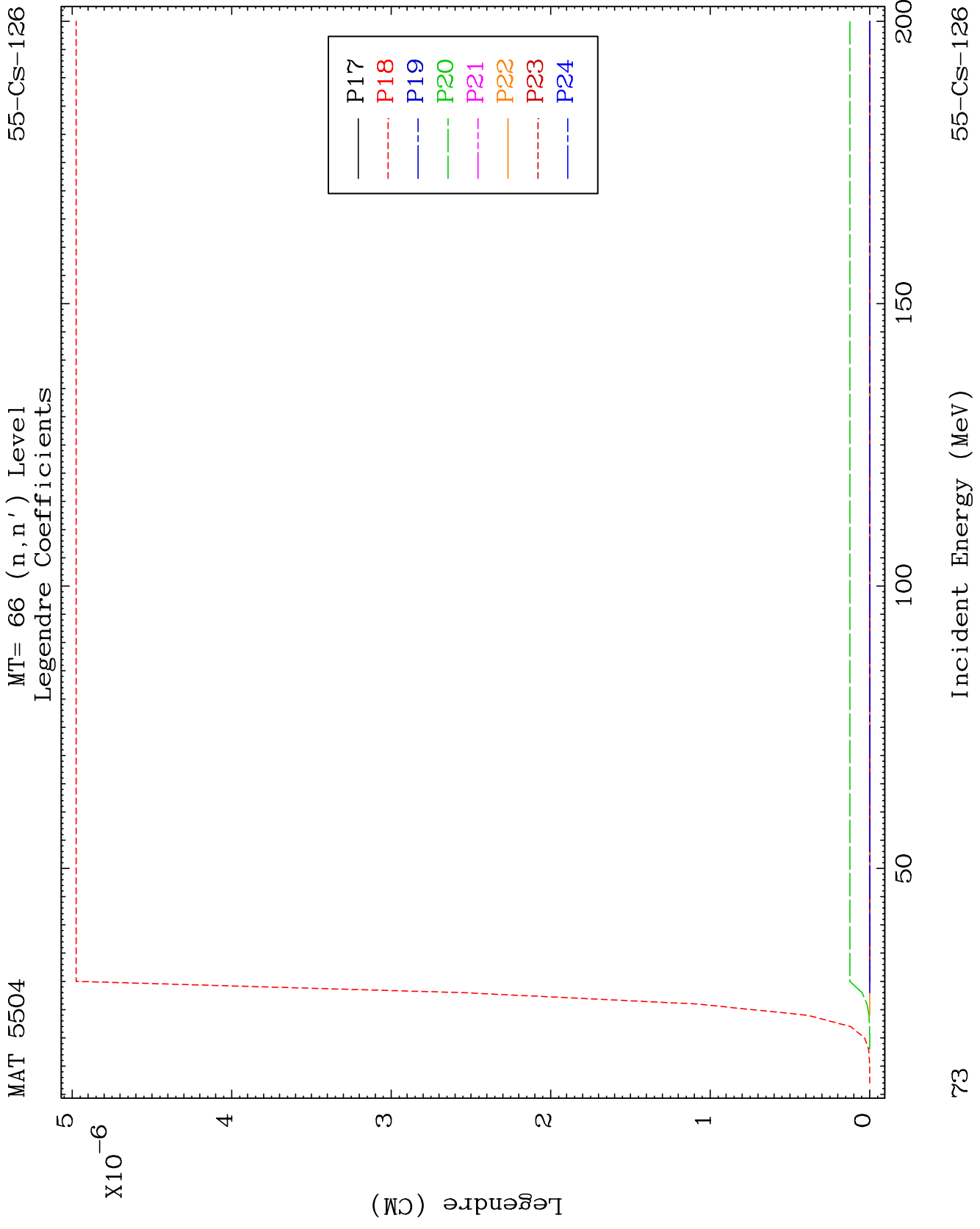
55-Cs-126



72

Incident Energy (MeV)

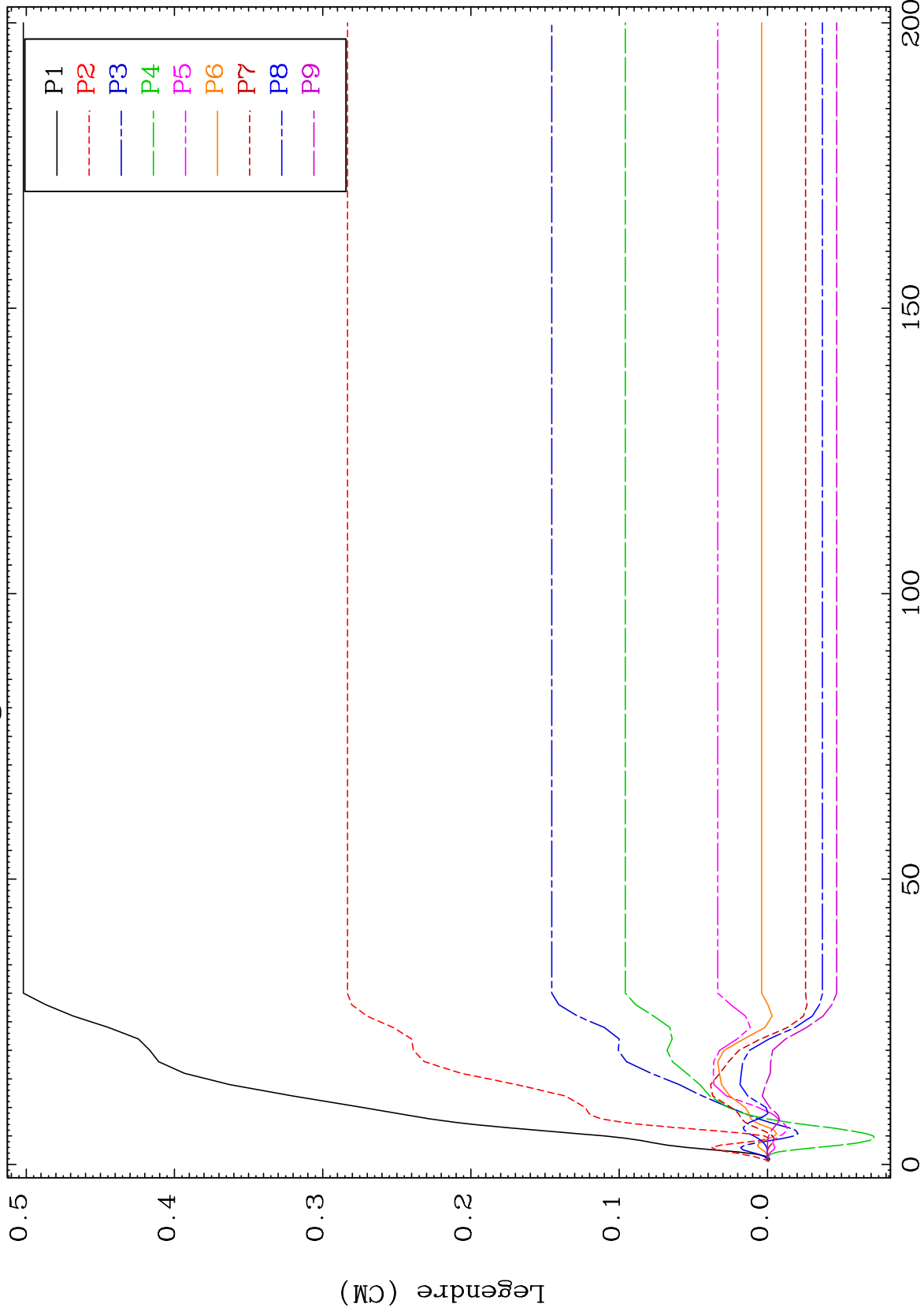
55-Cs-126



MAT 5504

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

55-Cs-126



74

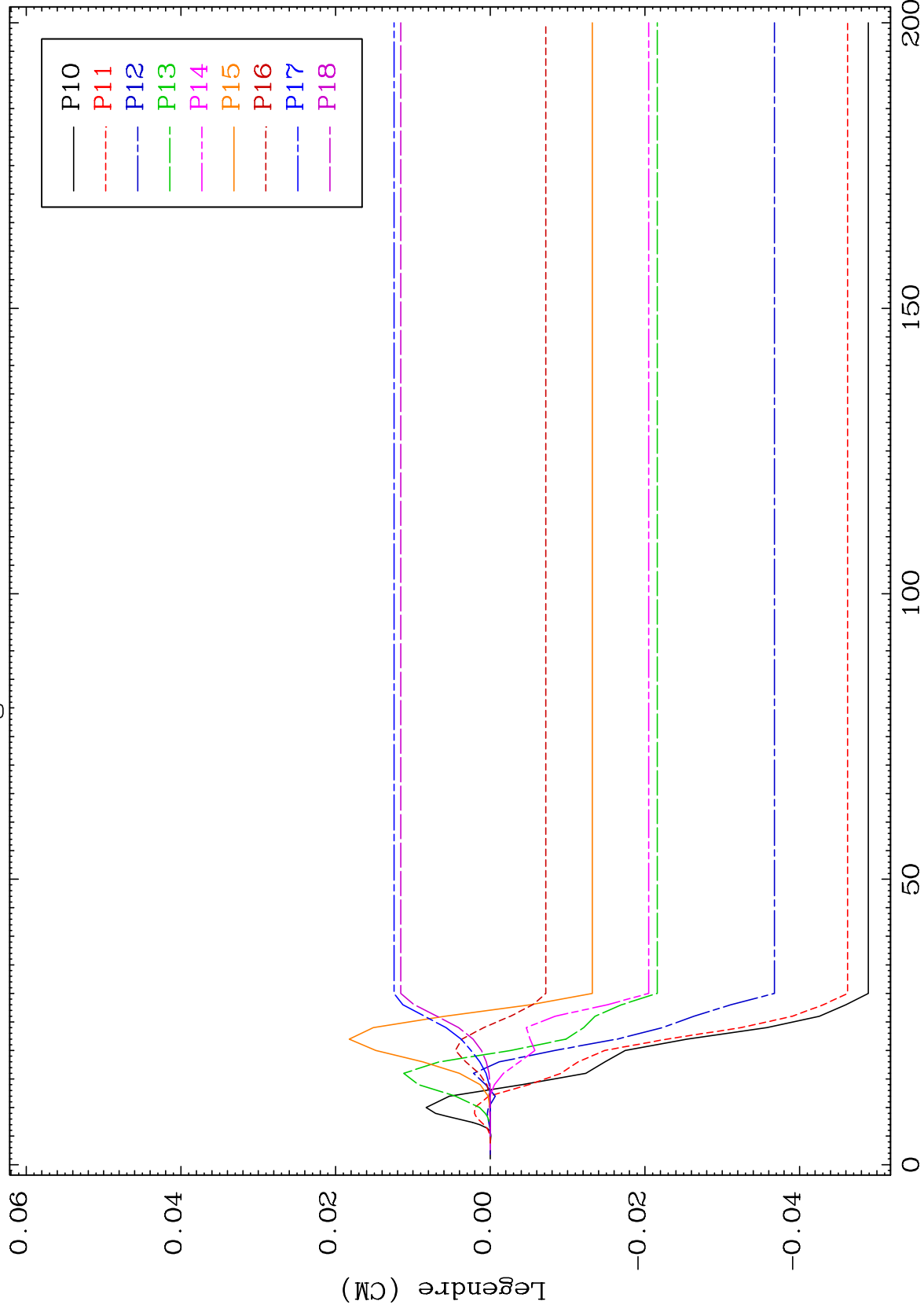
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



75

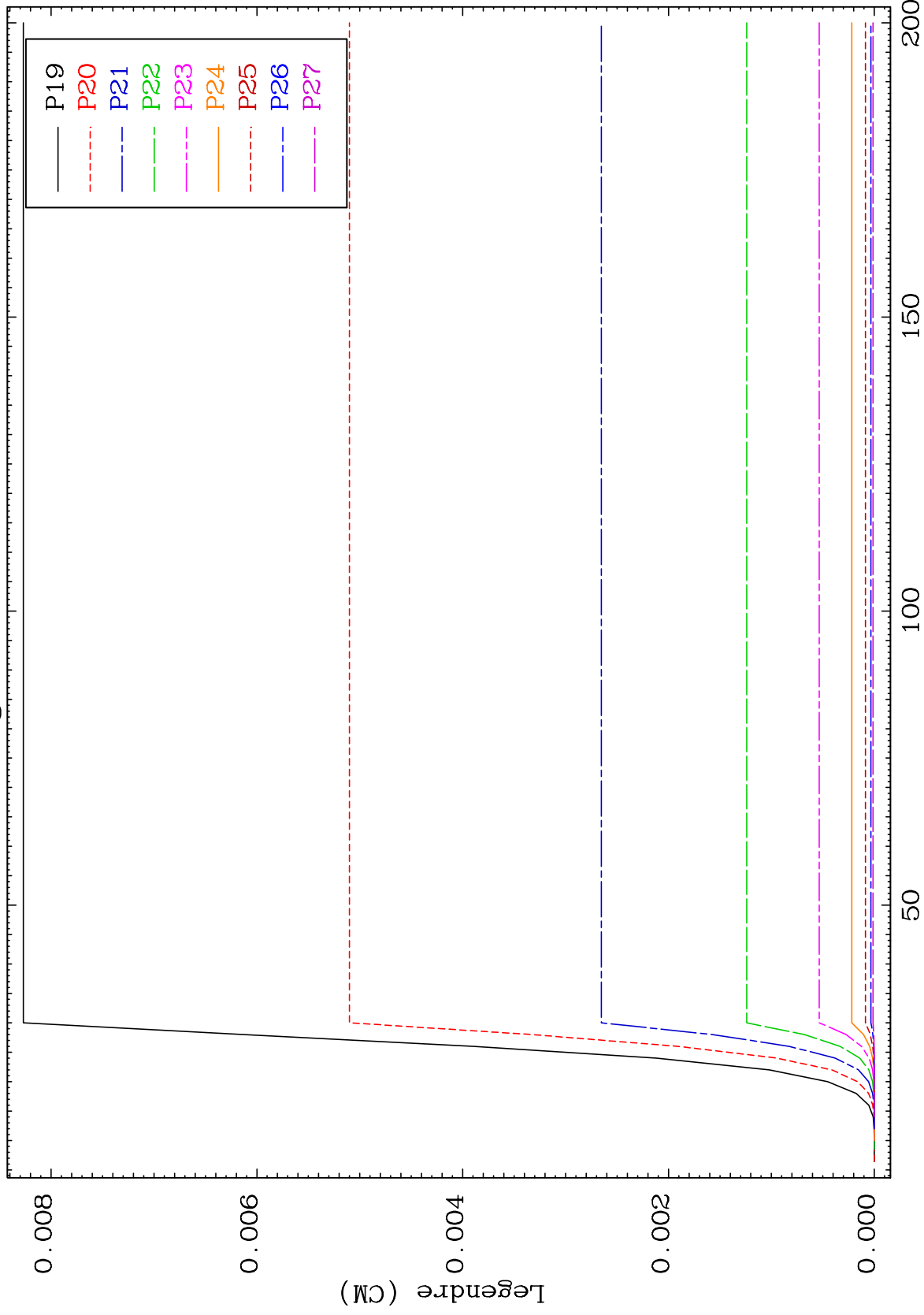
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



76

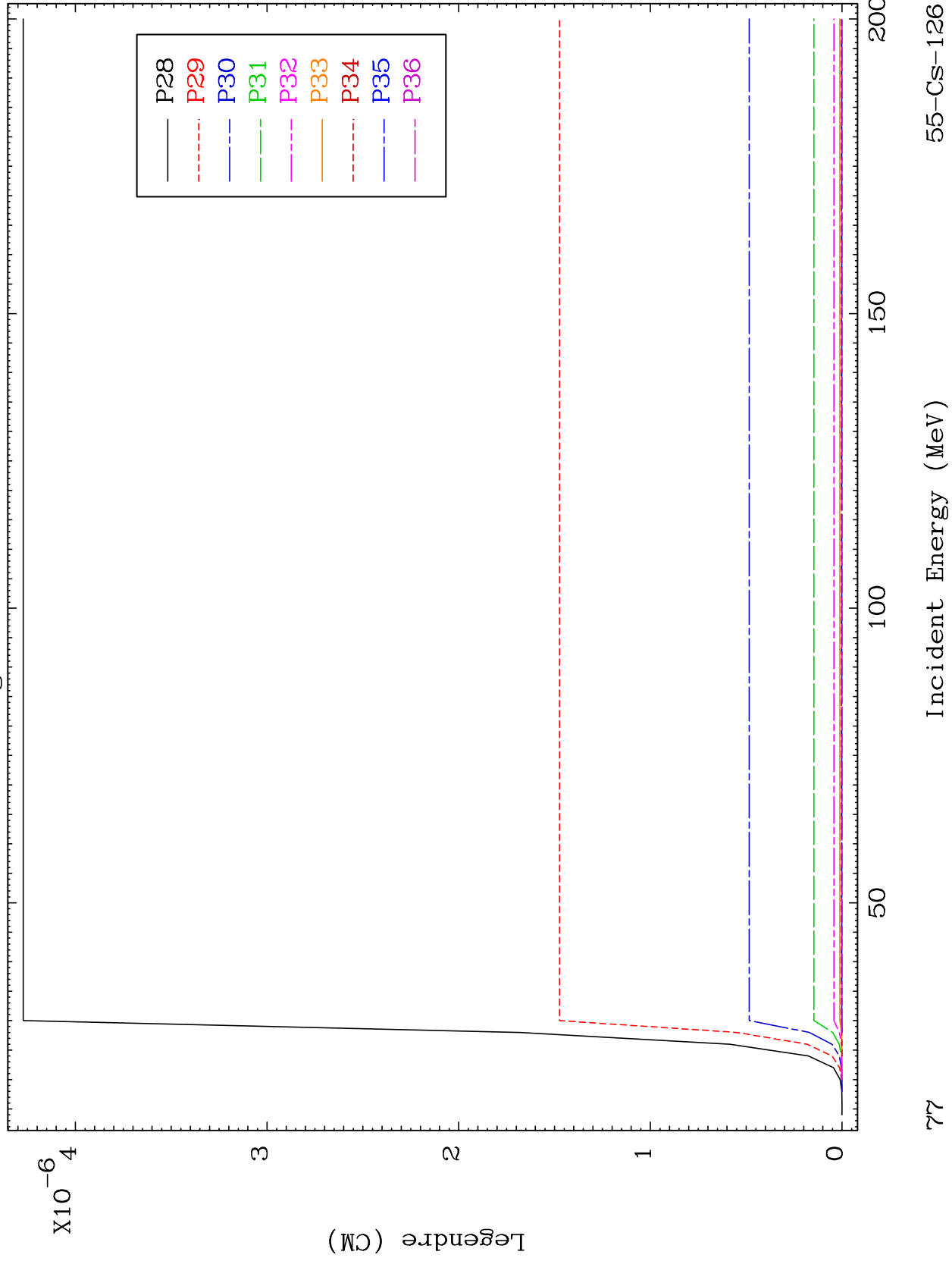
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

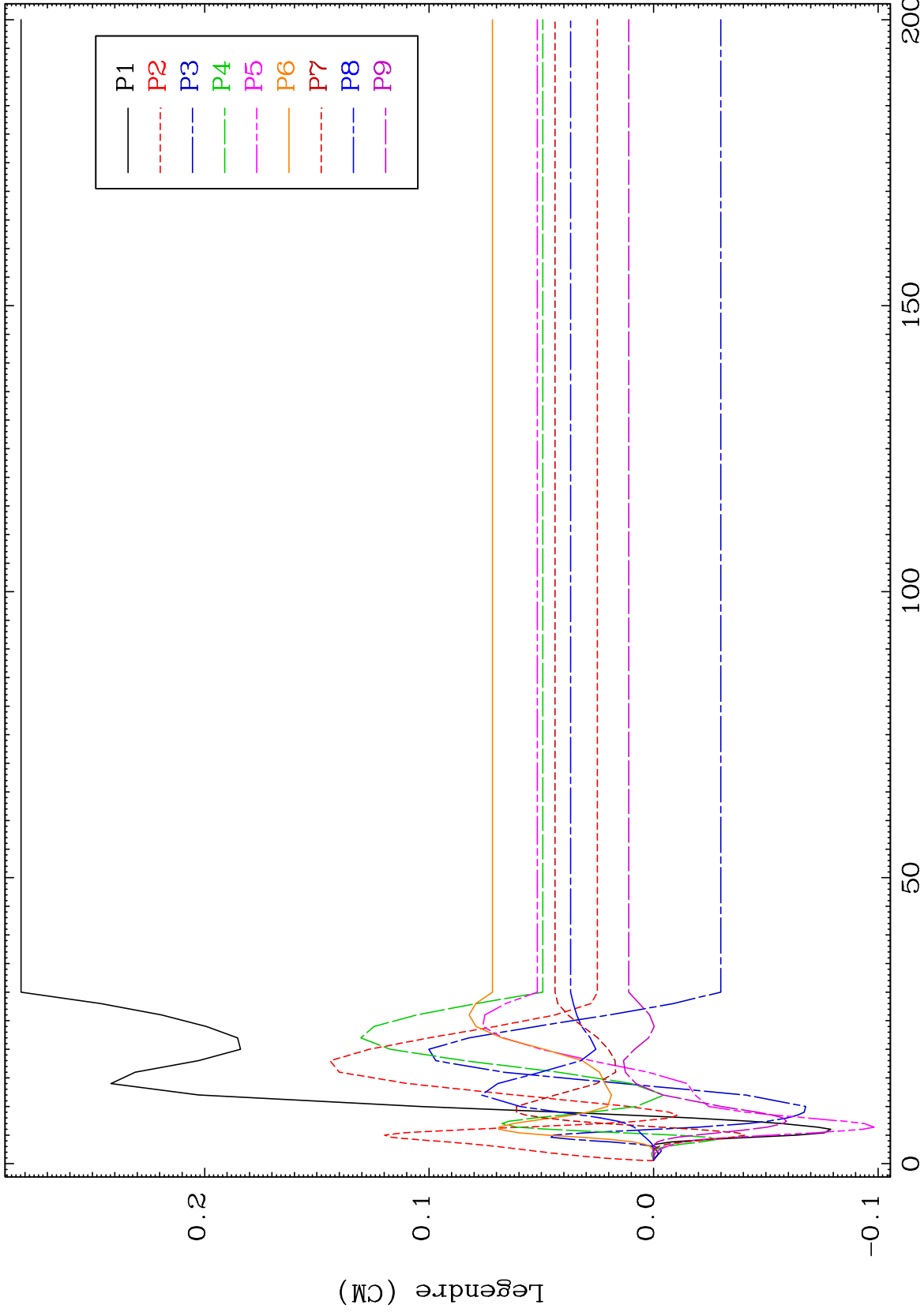
55-Cs-126



MAT 5504

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

55-Cs-126



78

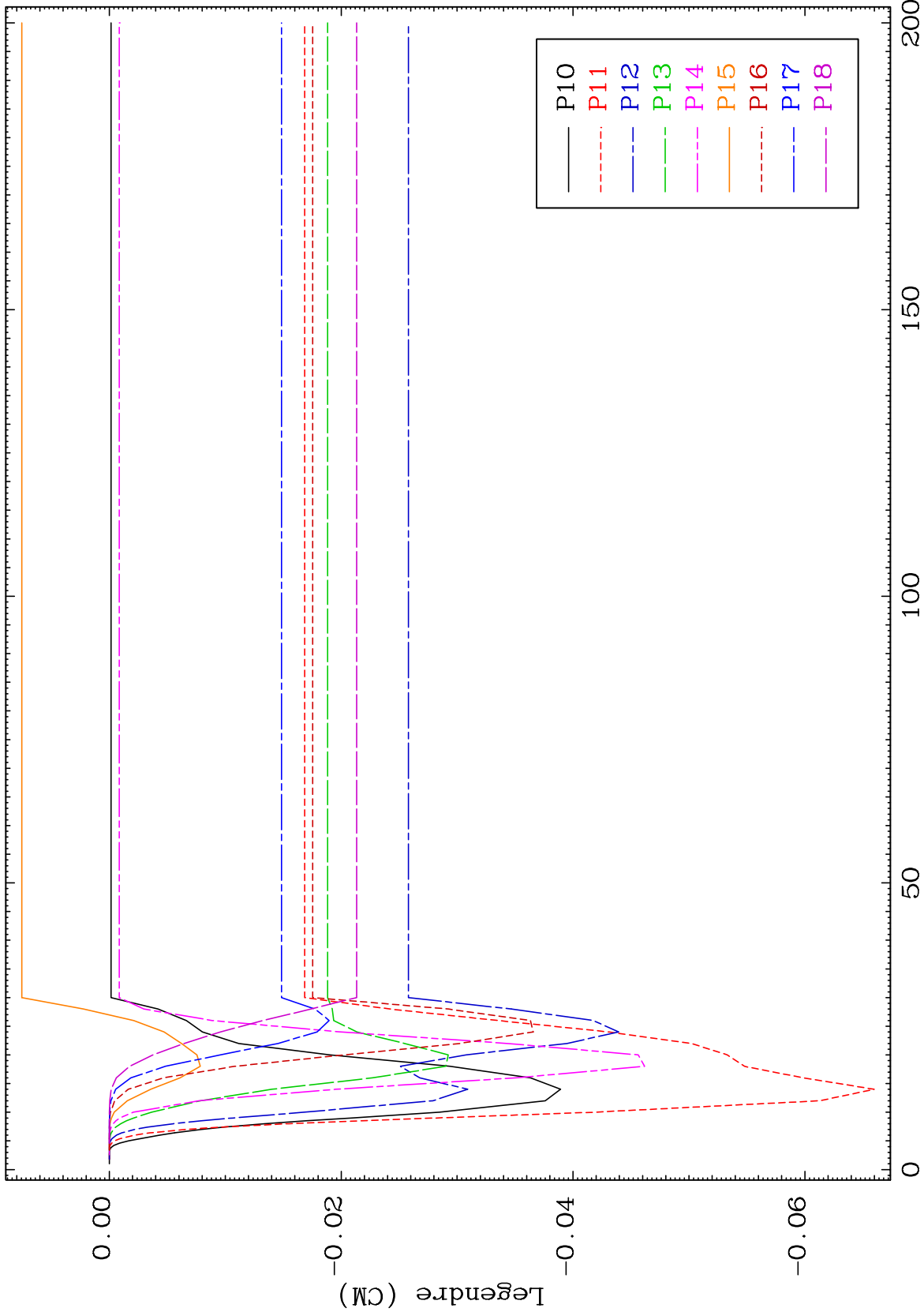
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

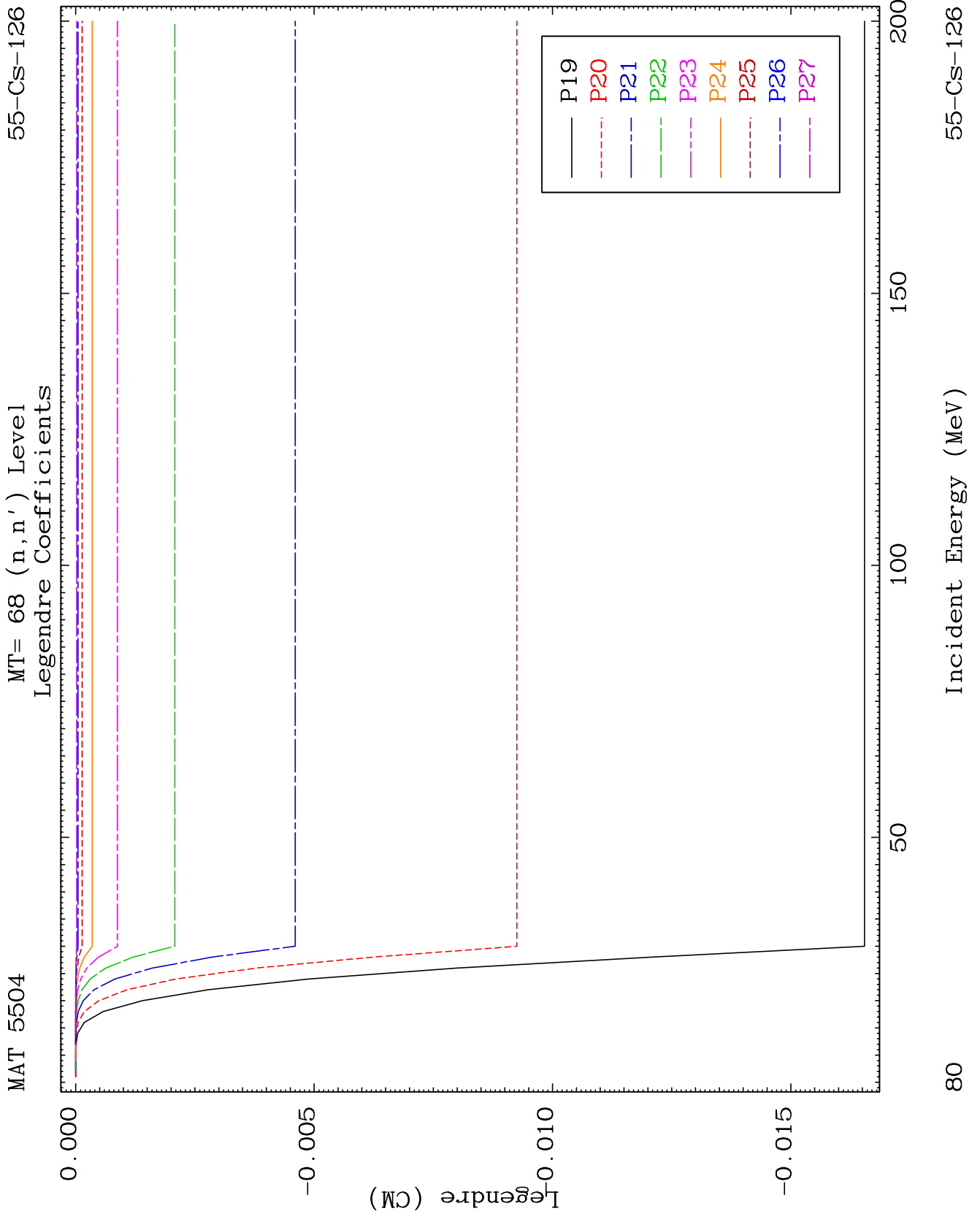
55-Cs-126

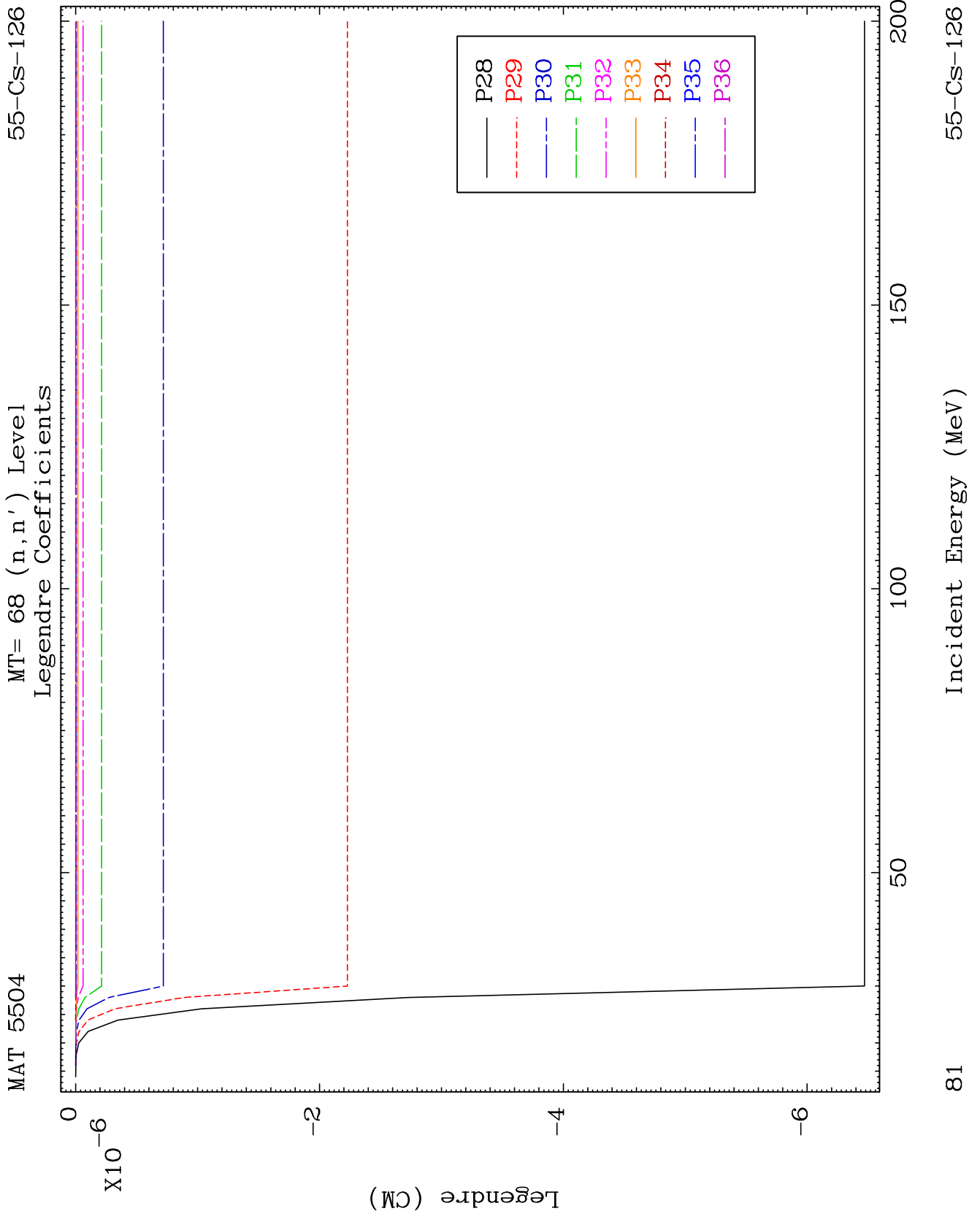


79

Incident Energy (MeV)

55-Cs-126

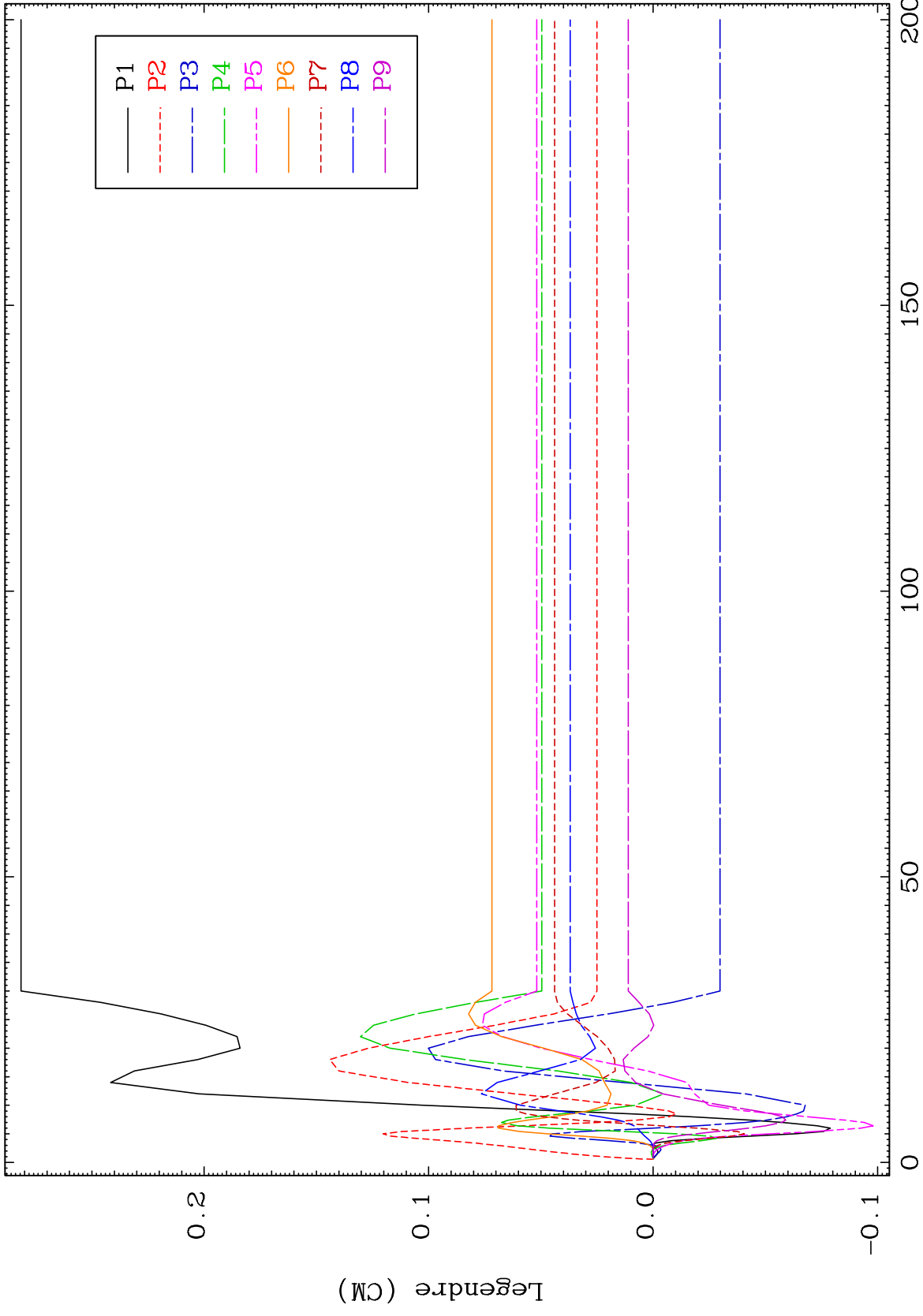




MAT 5504

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

55-Cs-126



82

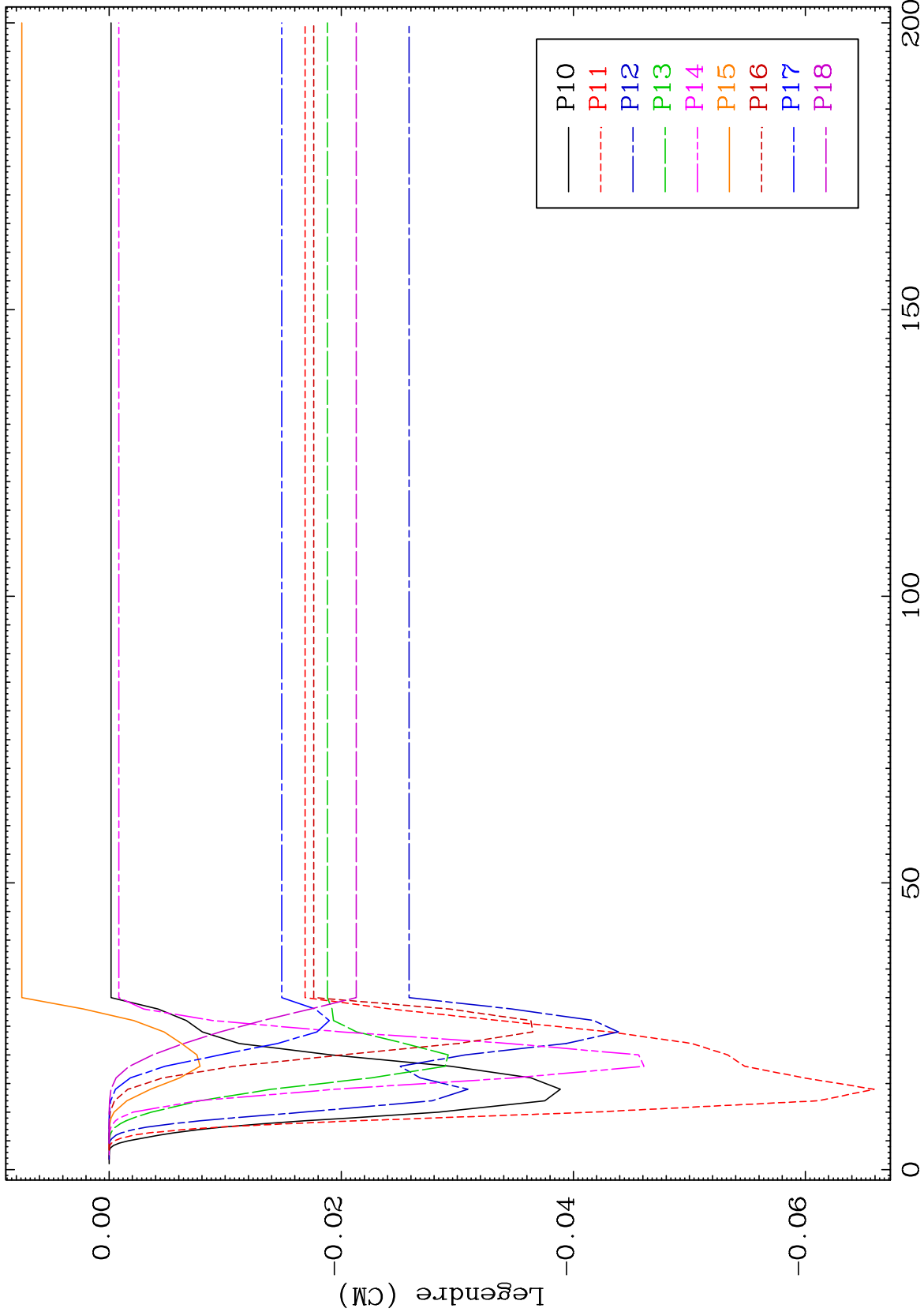
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

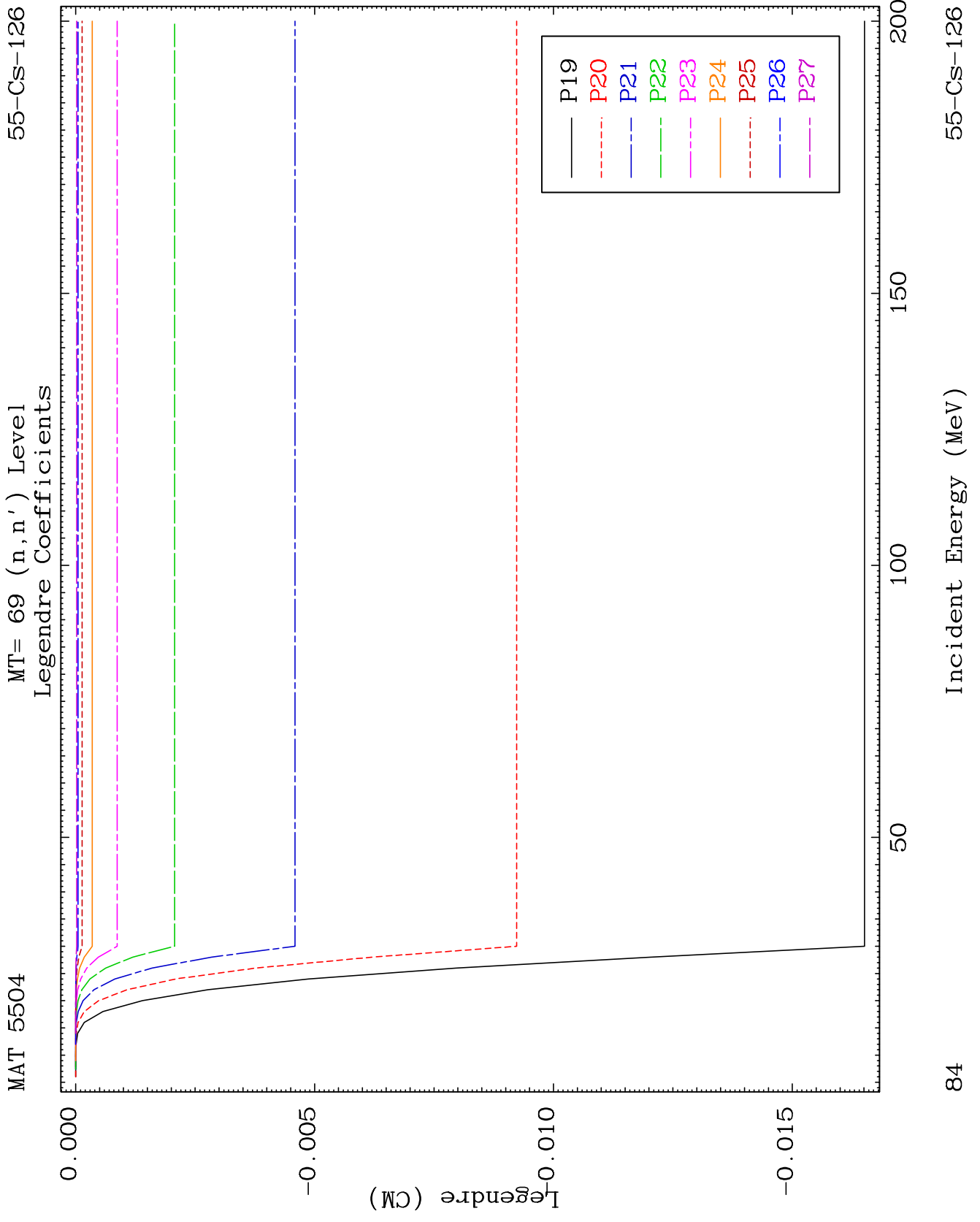
55-Cs-126

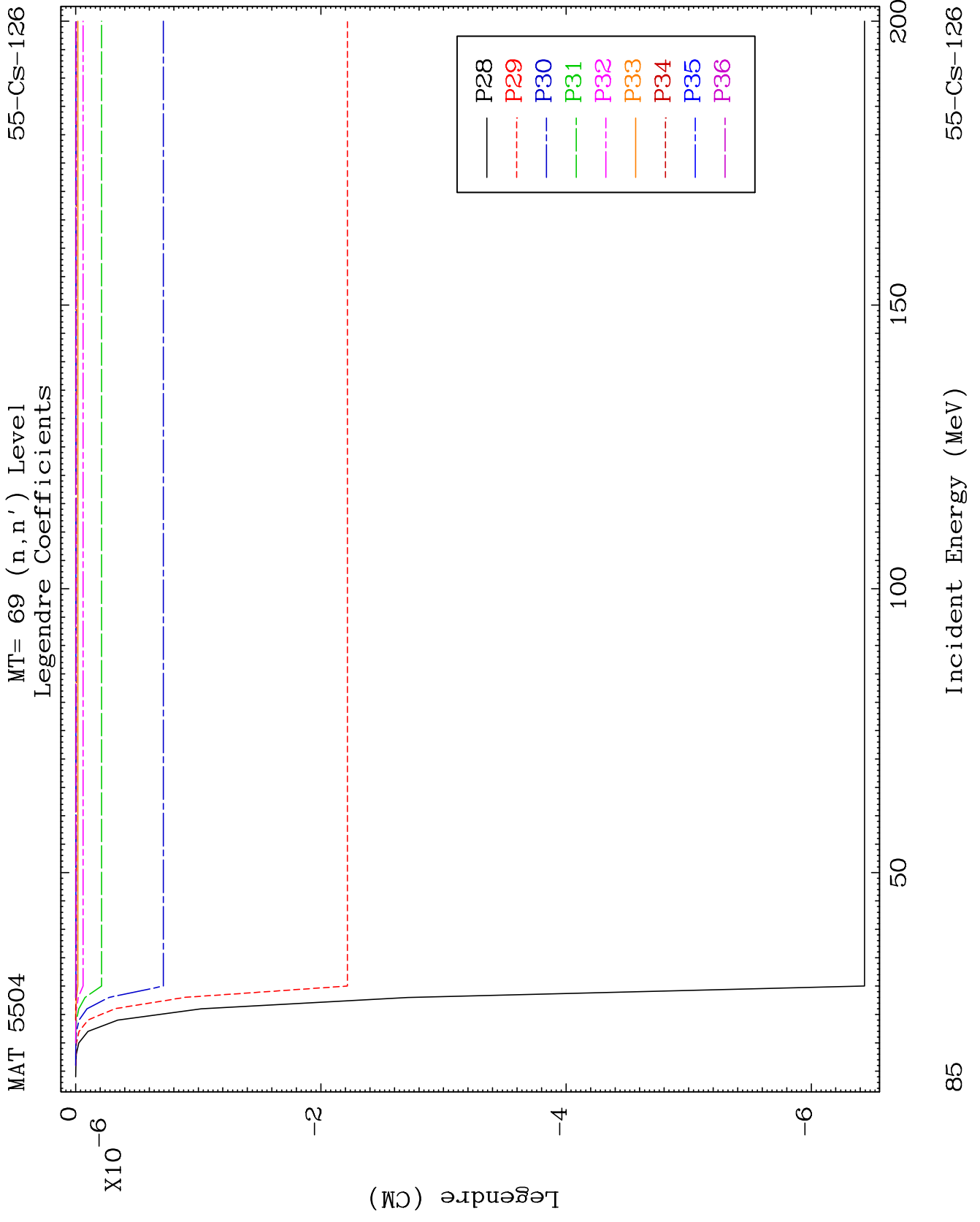


83

Incident Energy (MeV)

55-Cs-126

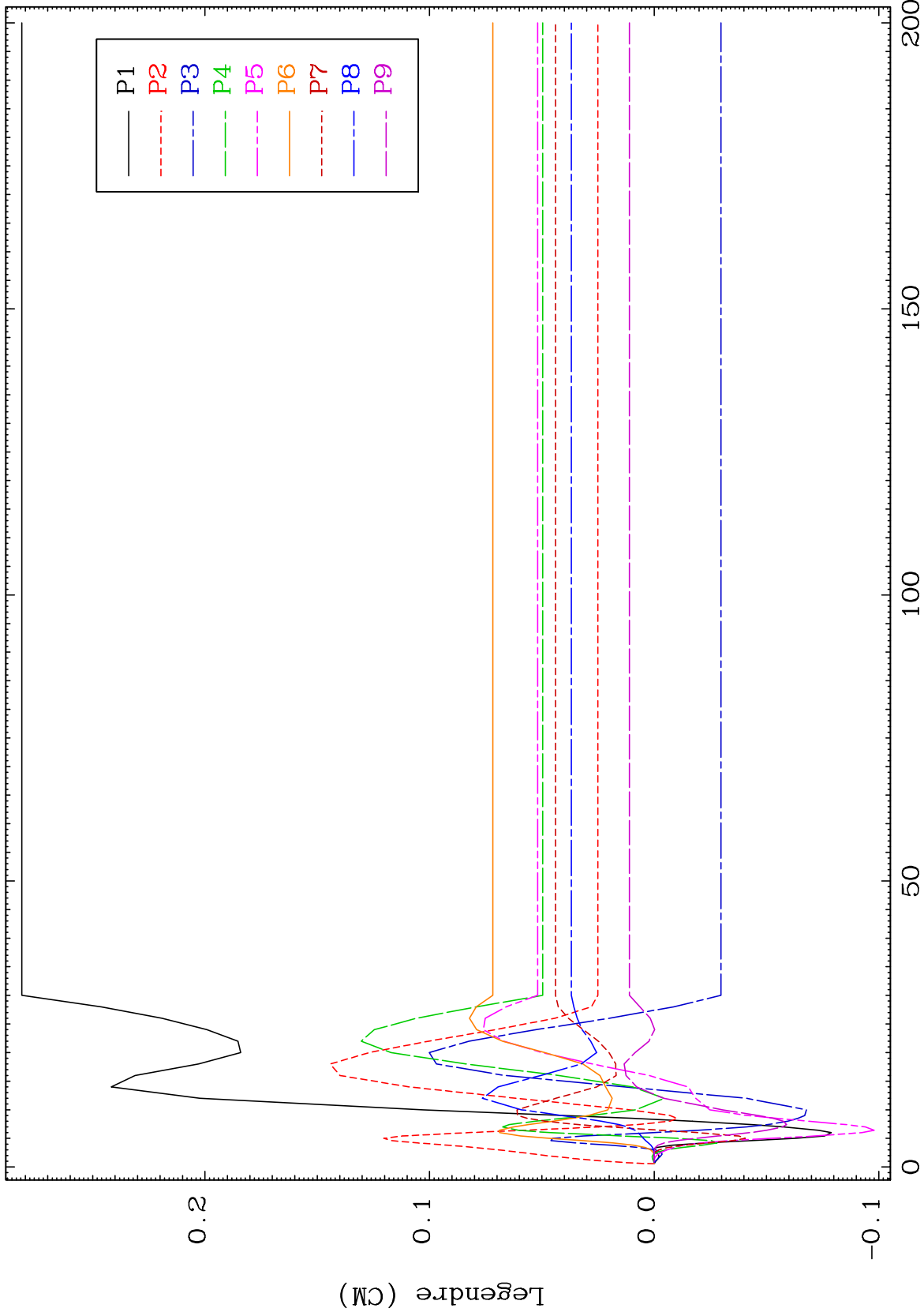




MAT 5504

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

55-Cs-126



86

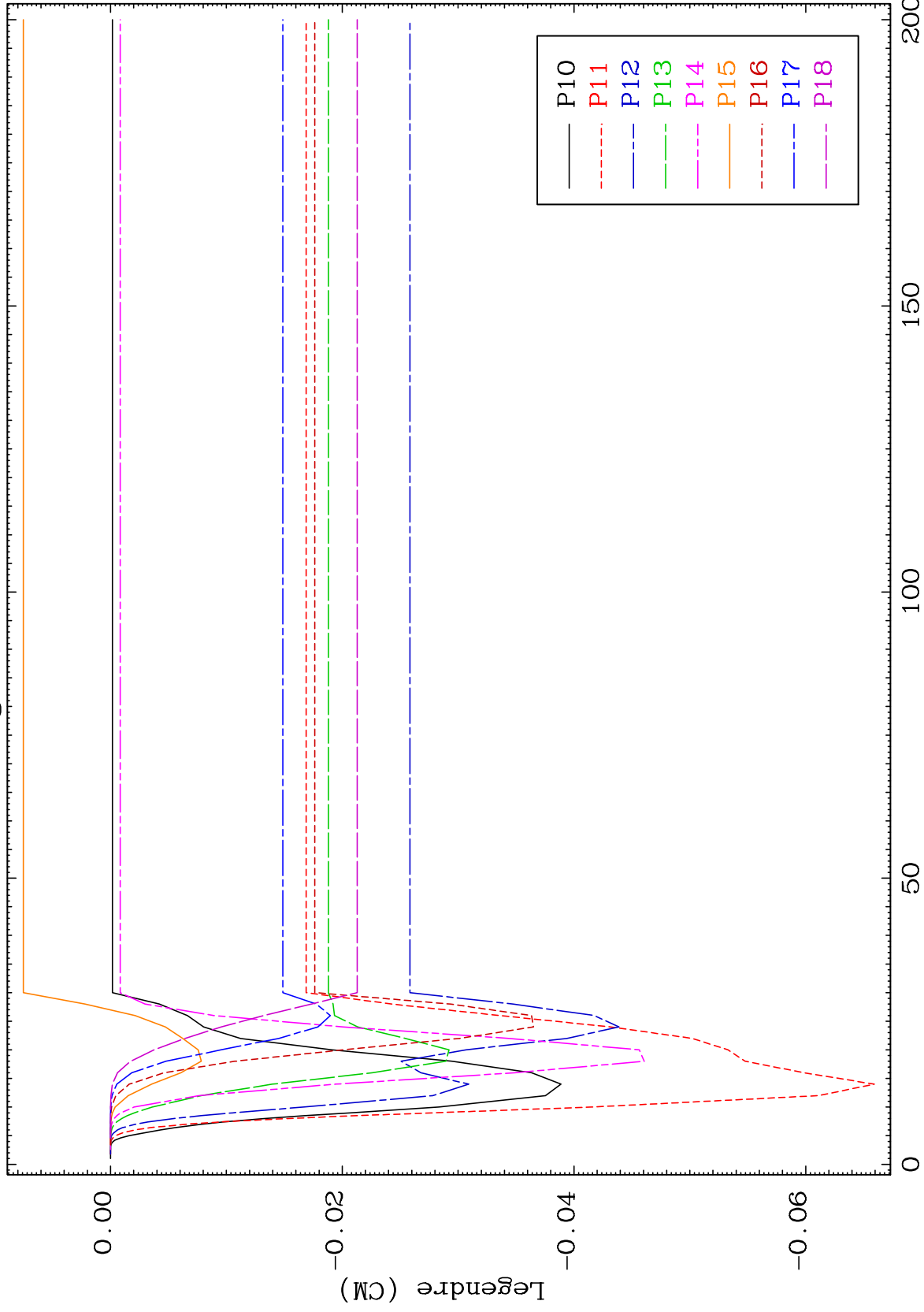
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

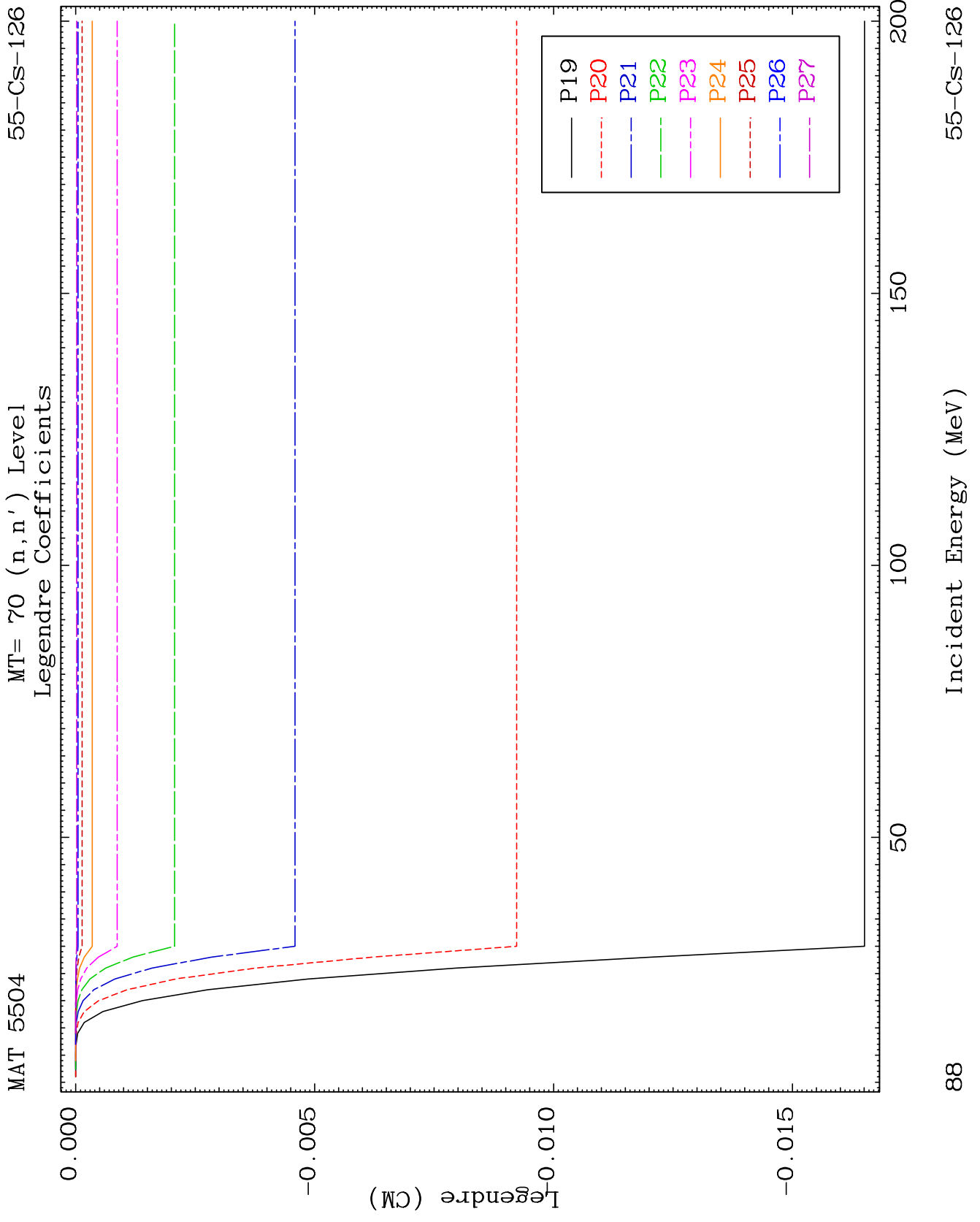
55-Cs-126



87

Incident Energy (MeV)

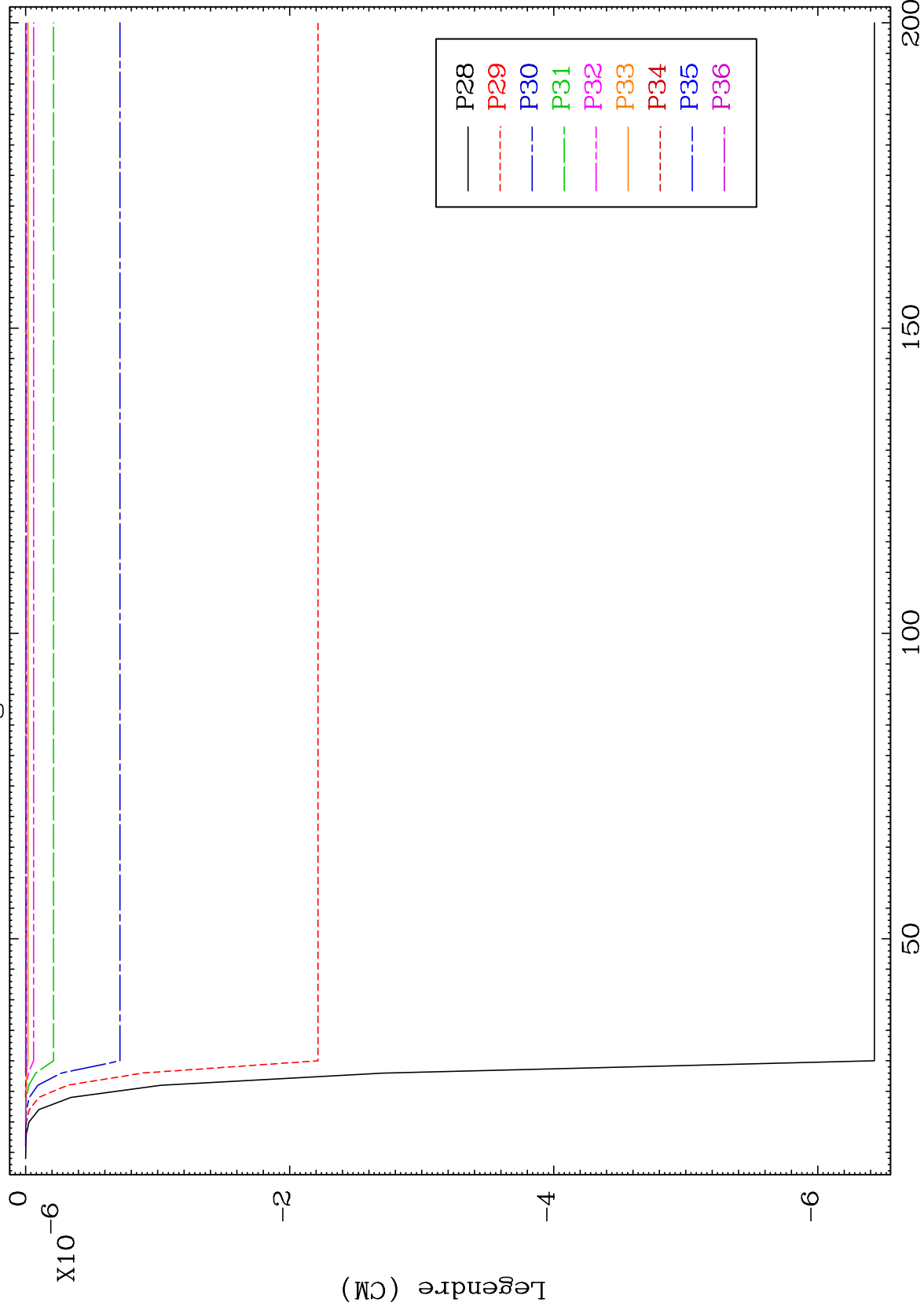
55-Cs-126



MAT 5504

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

55-Cs-126



55-Cs-126

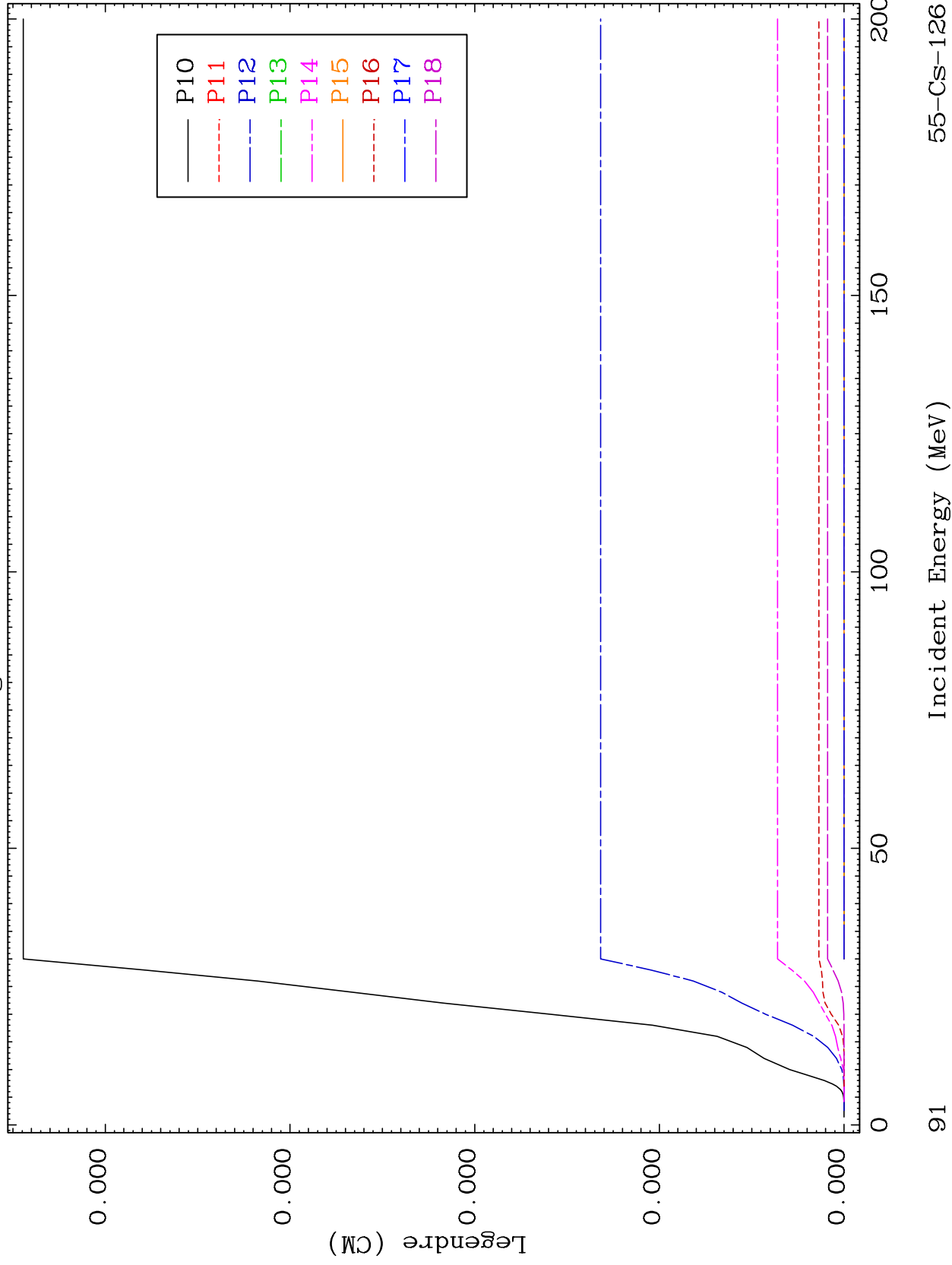
Incident Energy (MeV)

89

MAT 5504

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

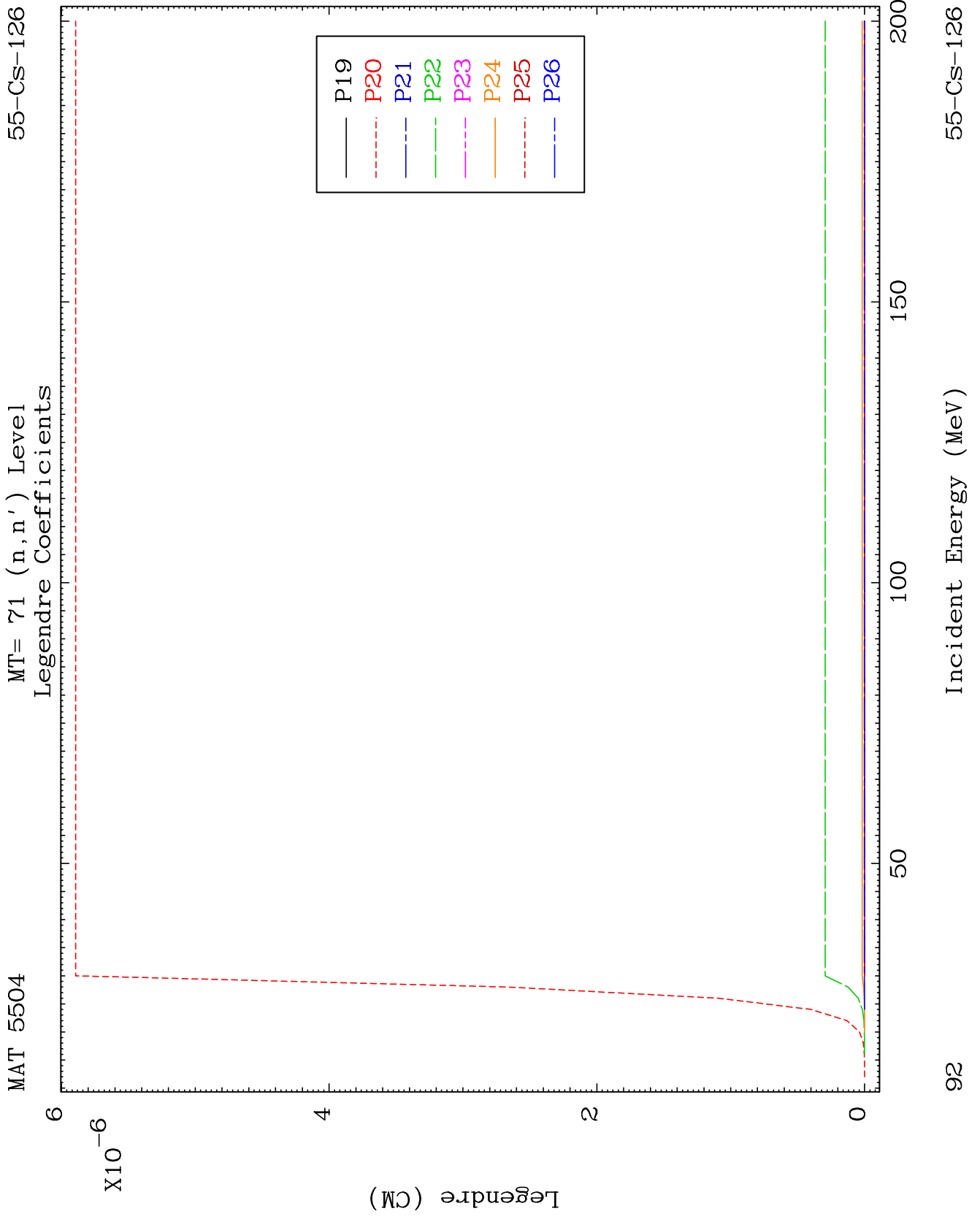
55-Cs-126



91

Incident Energy (MeV)

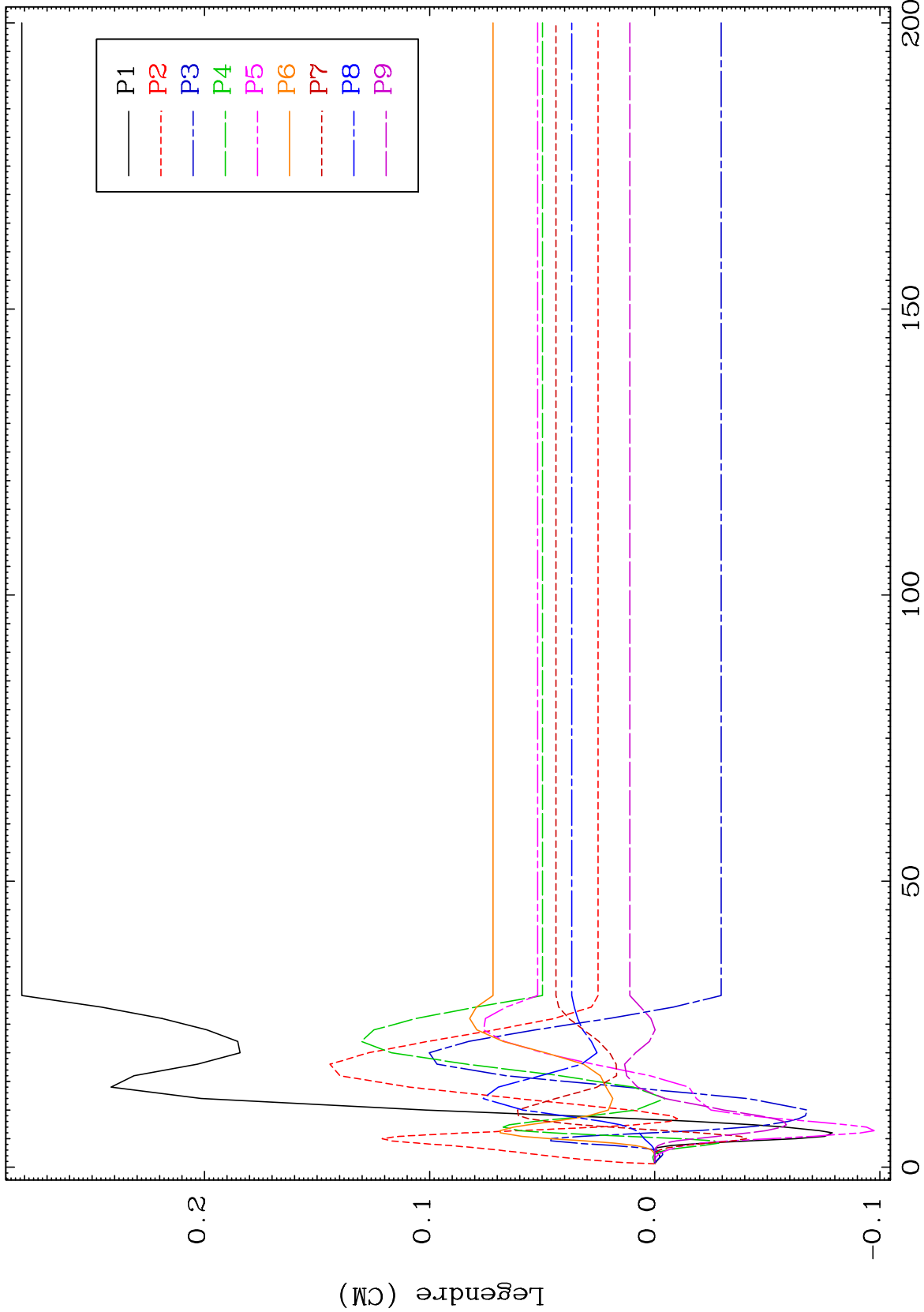
55-Cs-126



MAT 5504

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

55-Cs-126



93

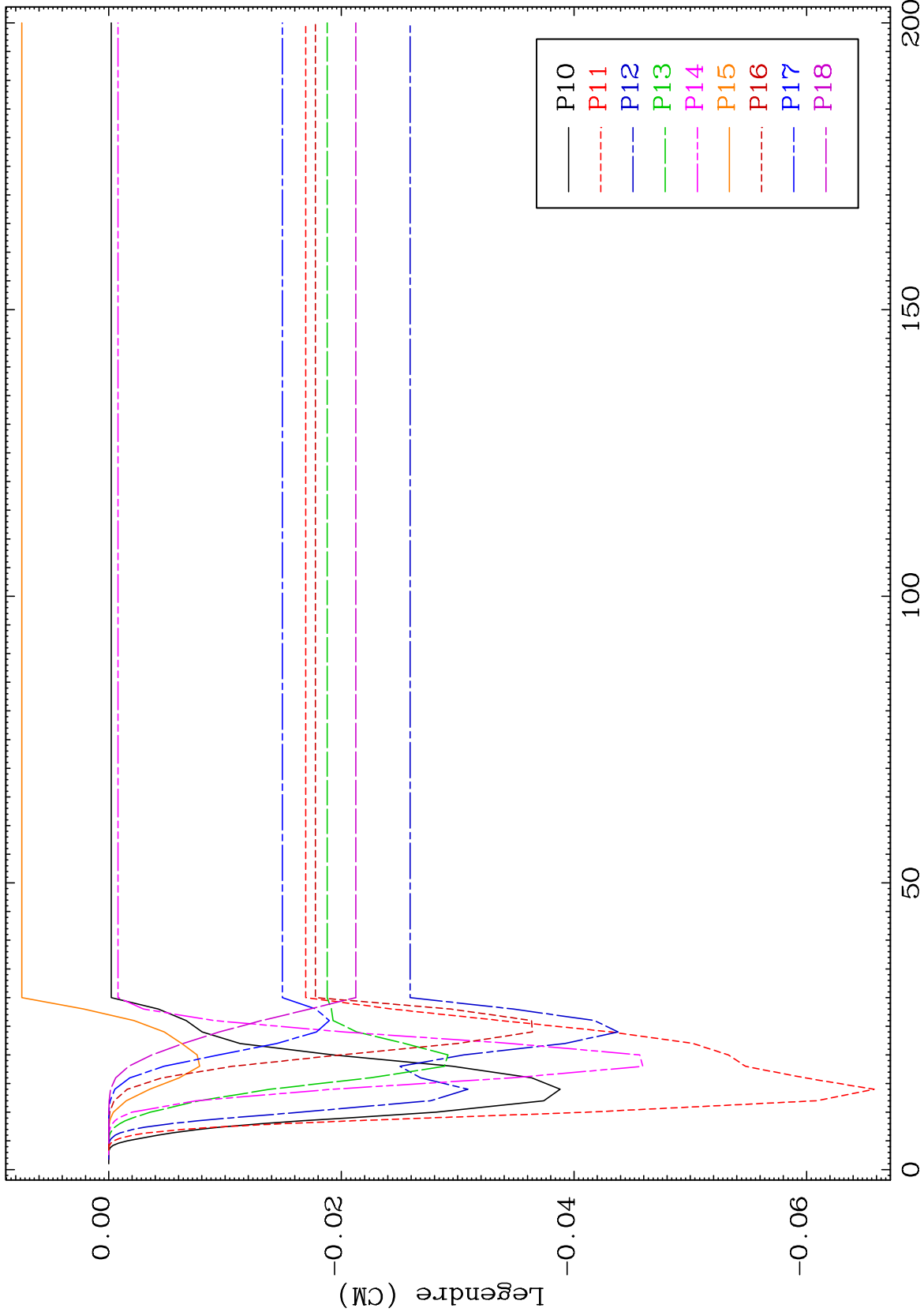
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

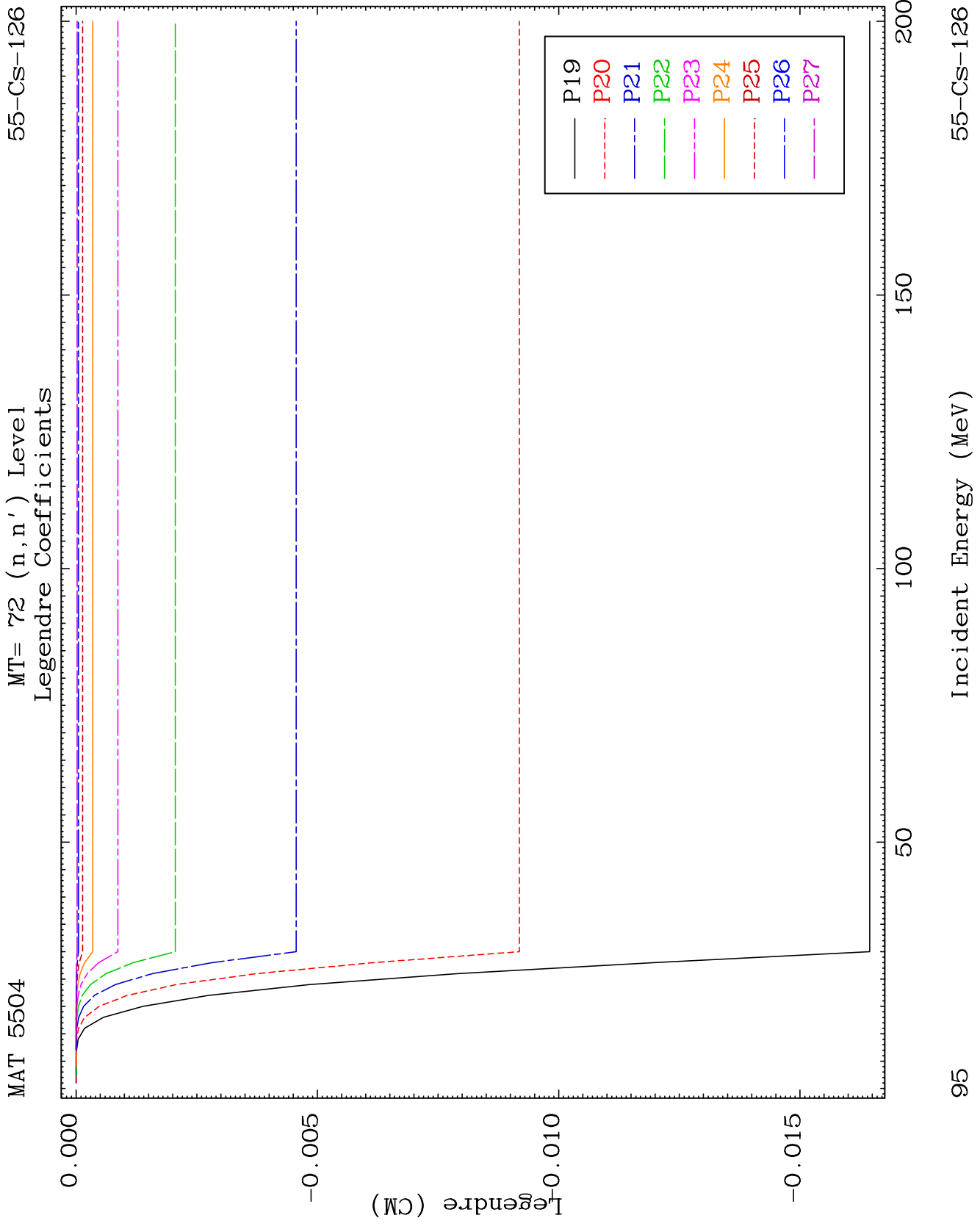
55-Cs-126



94

Incident Energy (MeV)

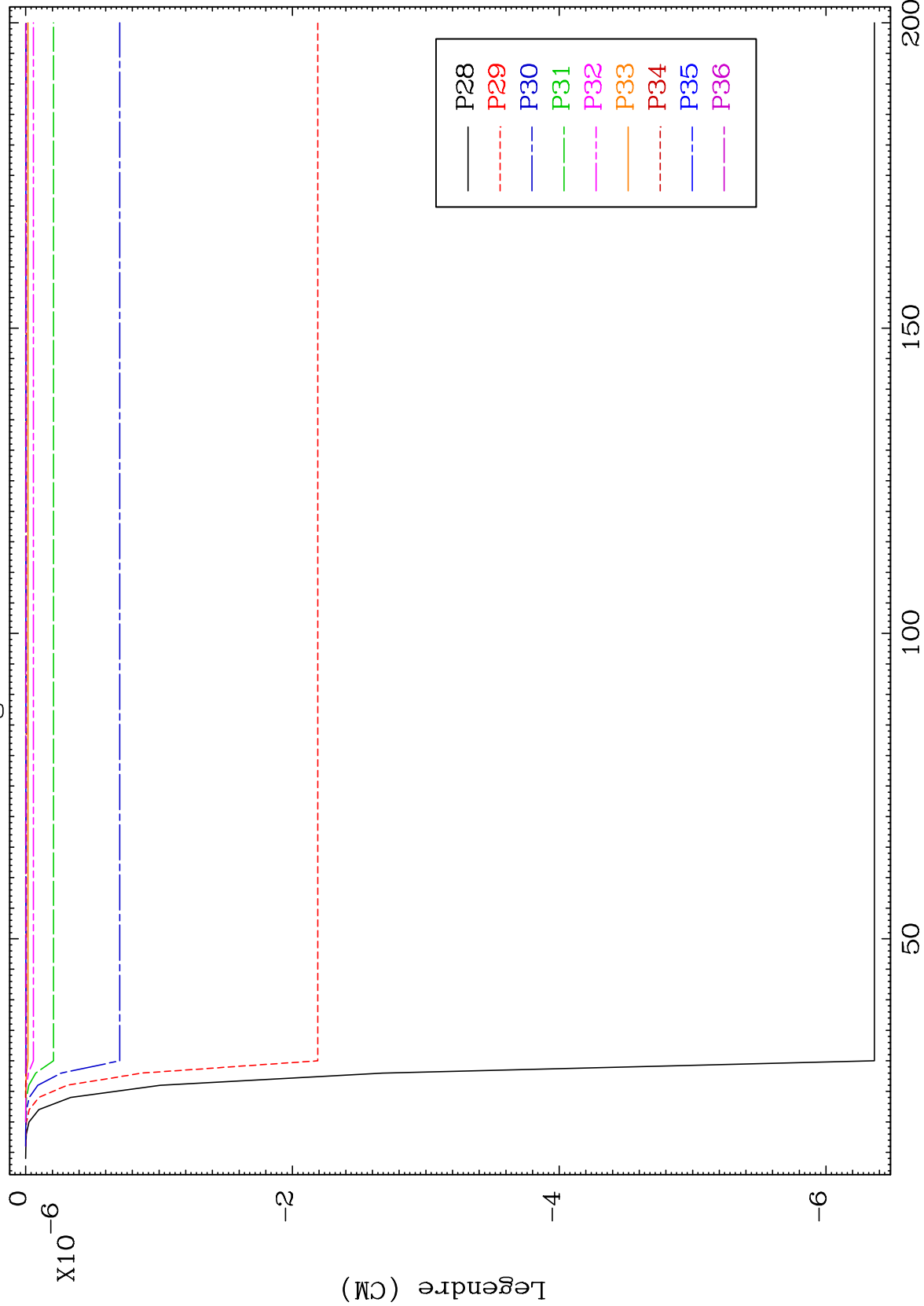
55-Cs-126



MAT 5504

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

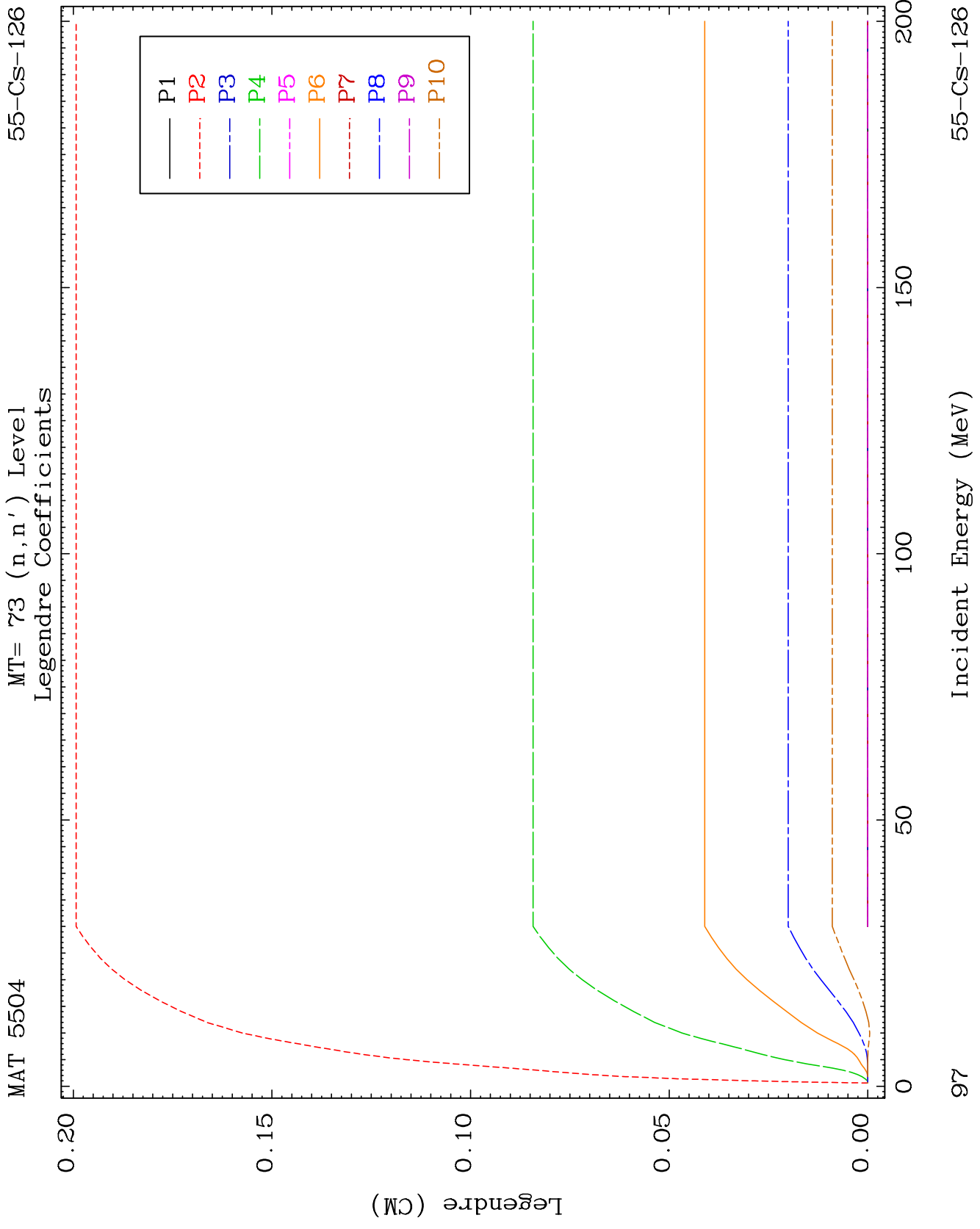
55-Cs-126



96

Incident Energy (MeV)

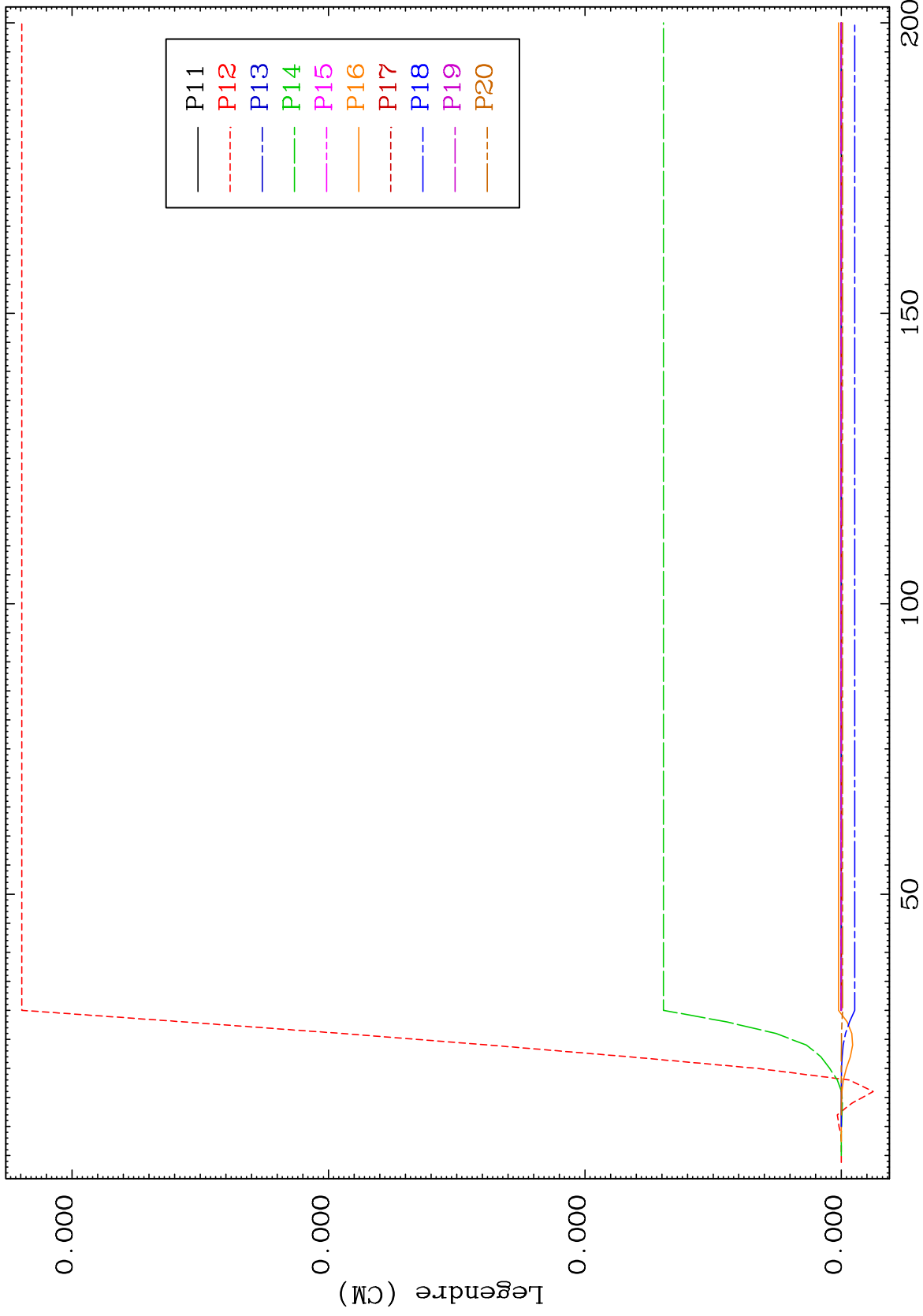
55-Cs-126



MAT 5504

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

55-Cs-126



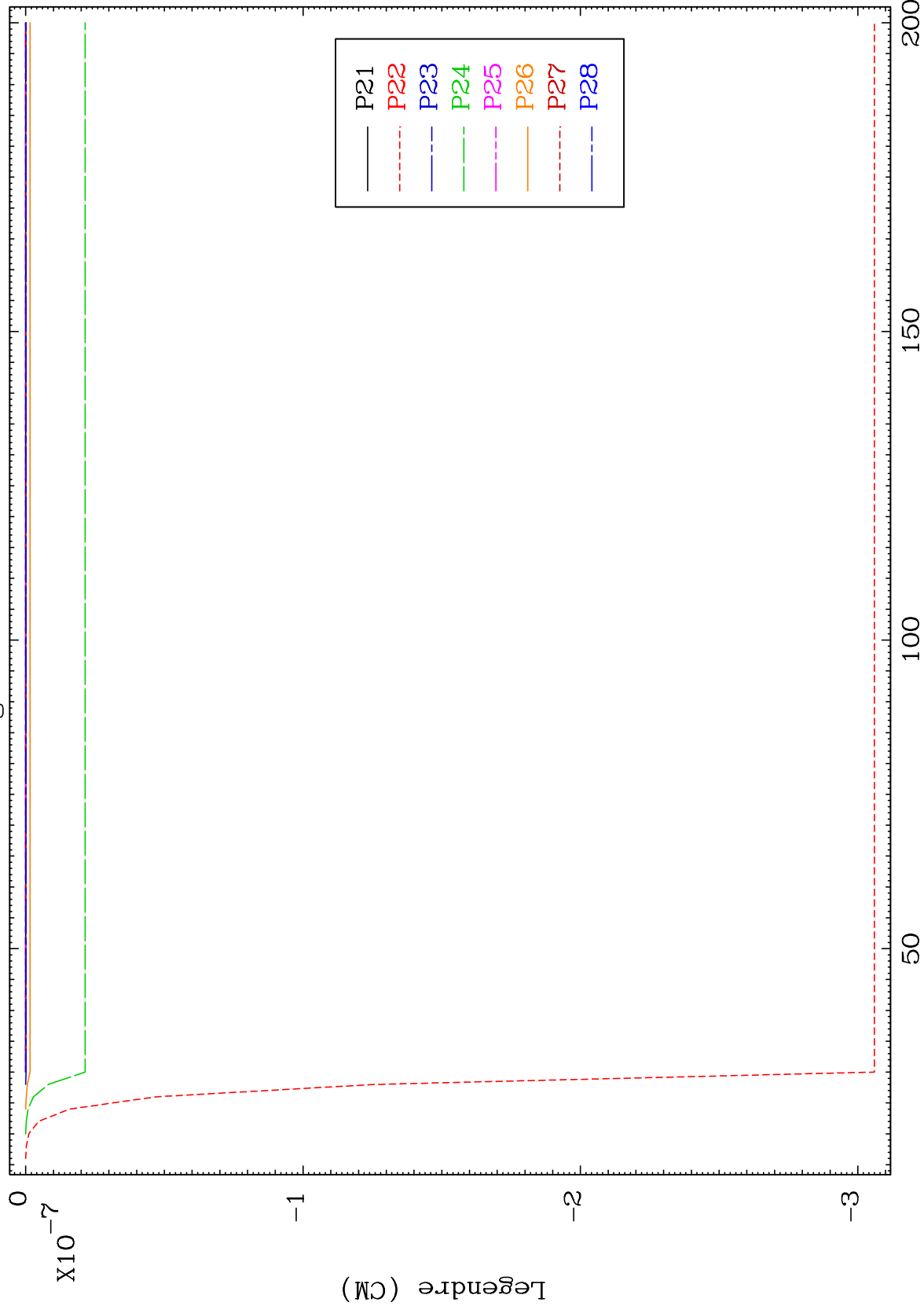
98

55-Cs-126

MAT 5504

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

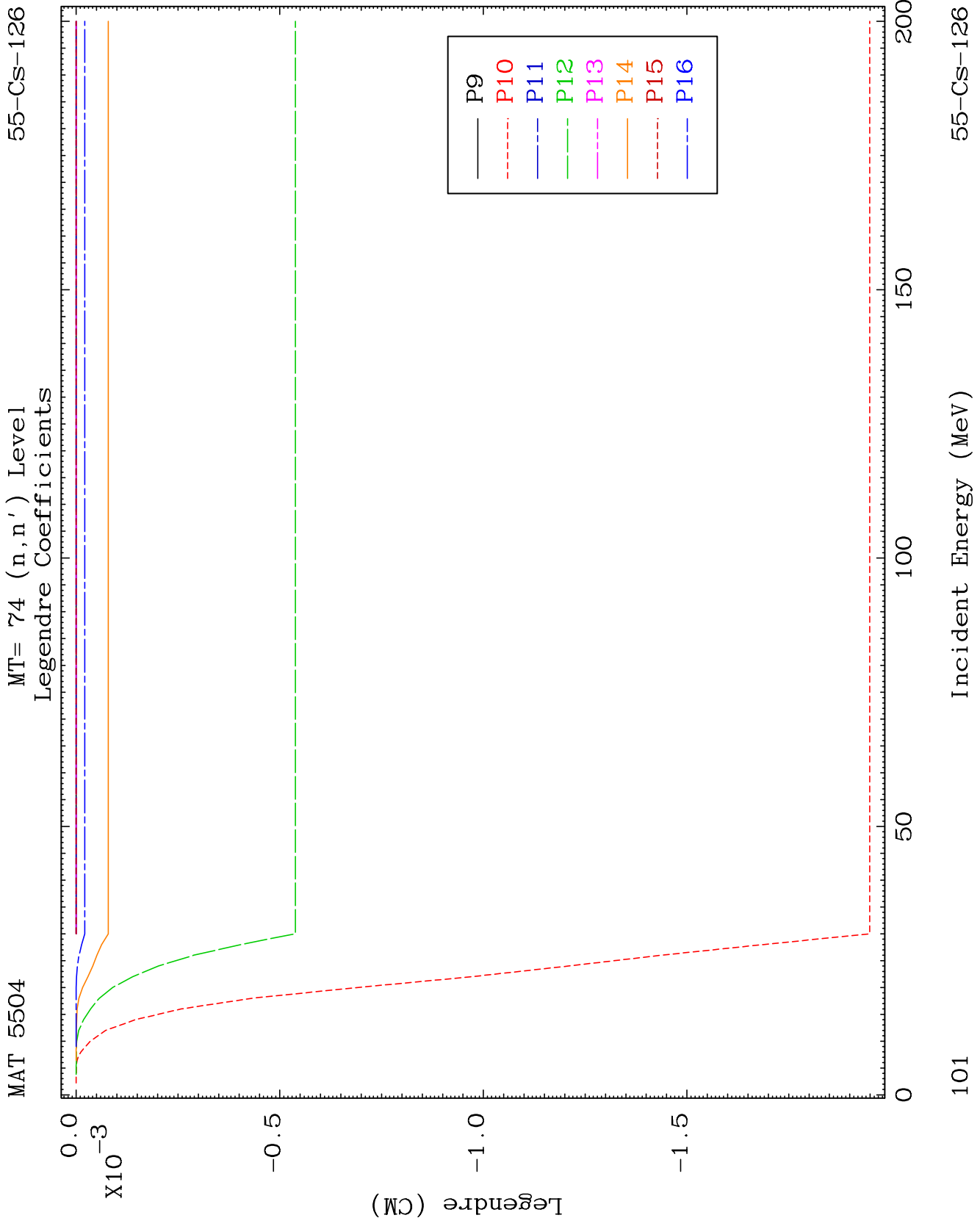
55-Cs-126



55-Cs-126

Incident Energy (MeV)

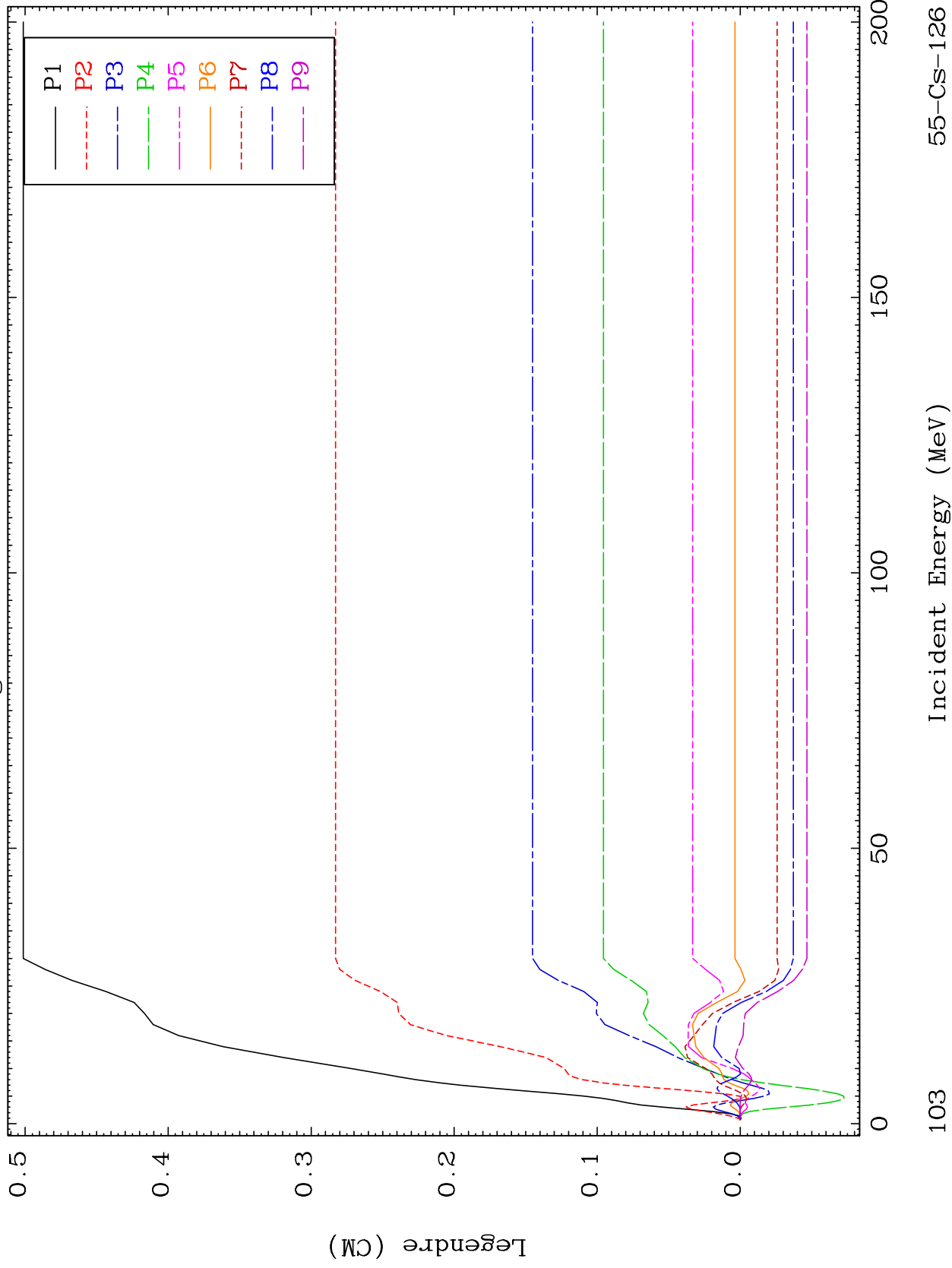
99



MAT 5504

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

55-Cs-126



55-Cs-126

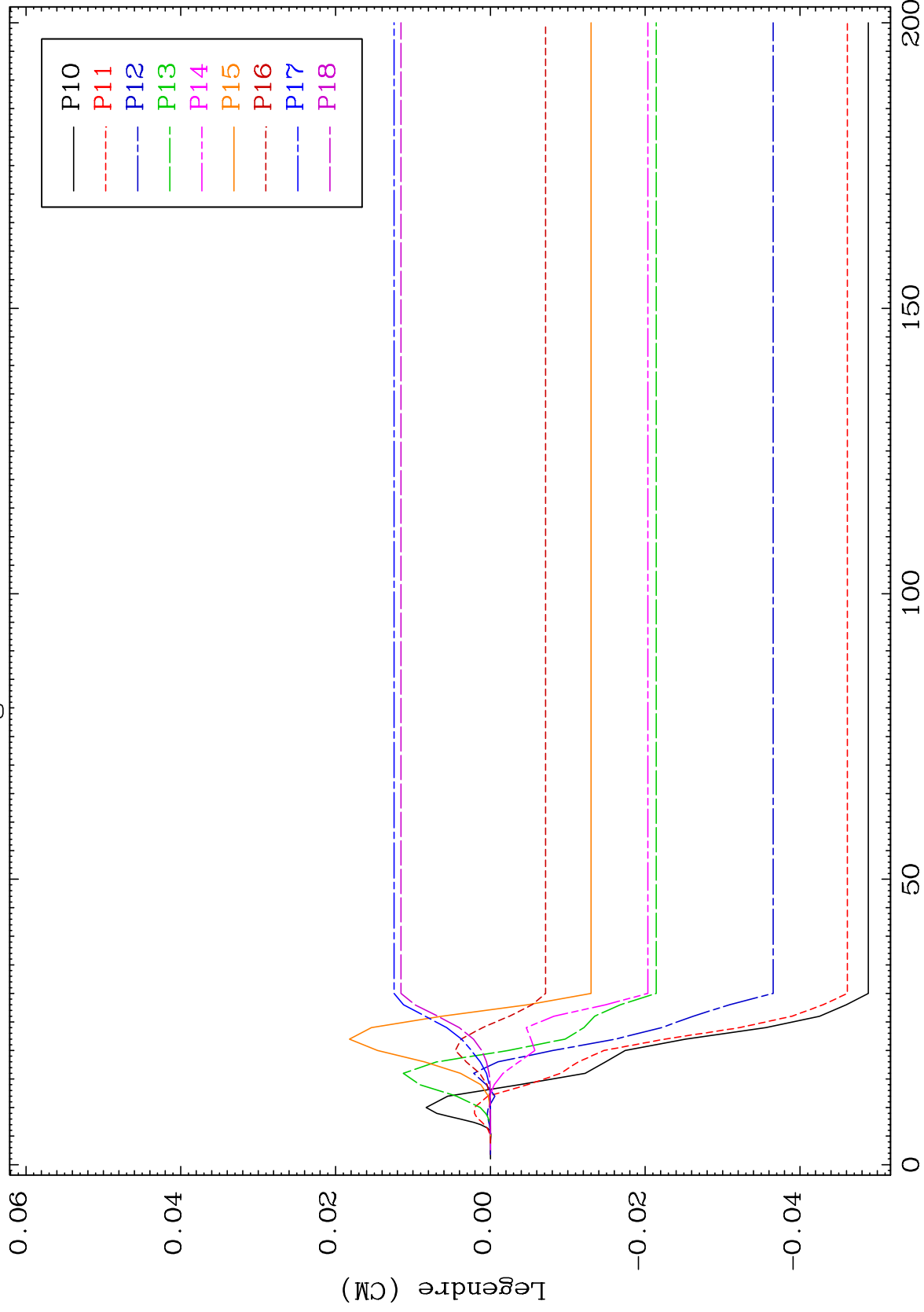
Incident Energy (MeV)

103

MAT 5504

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

55-Cs-126



104

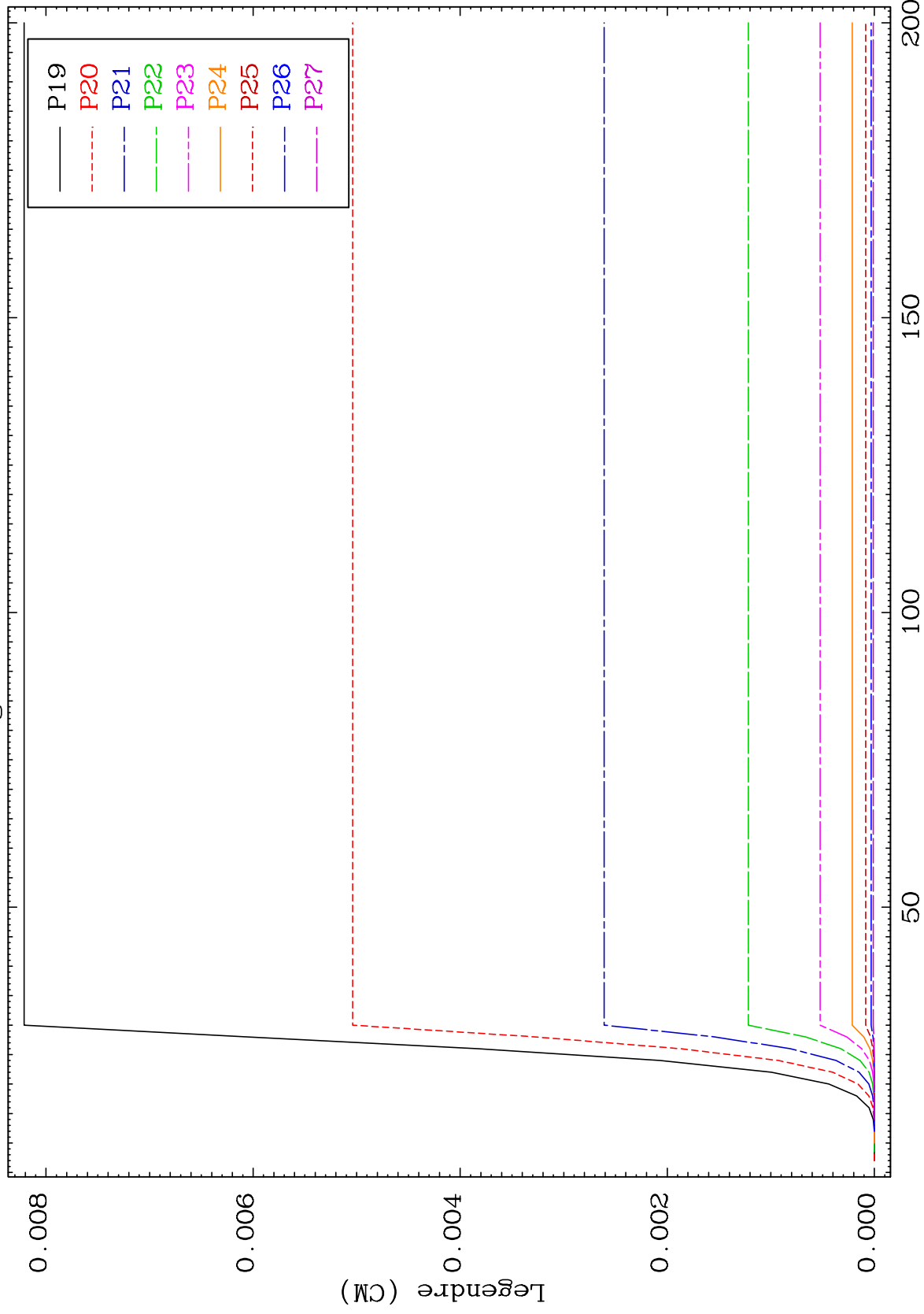
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

55-Cs-126



105

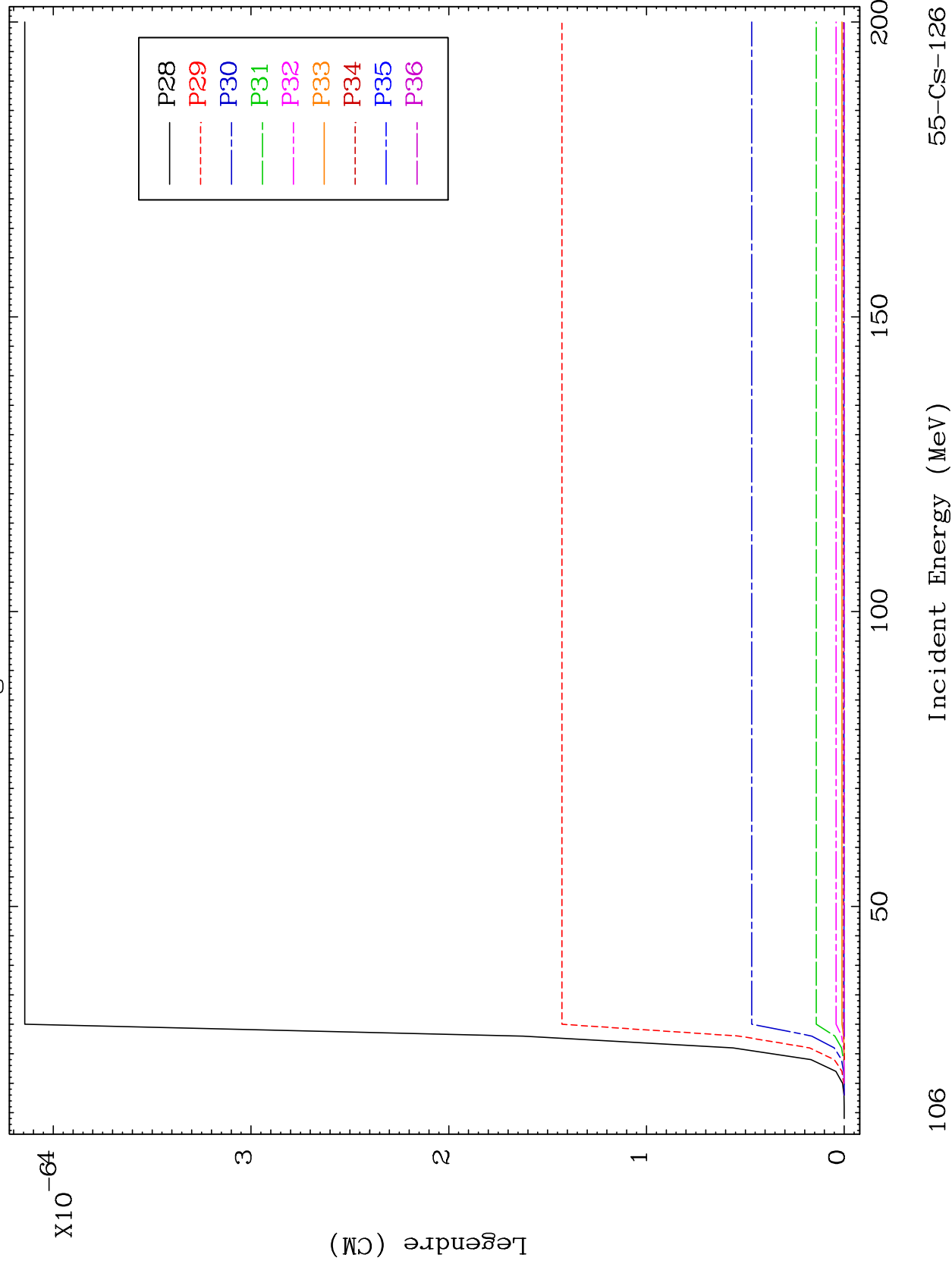
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

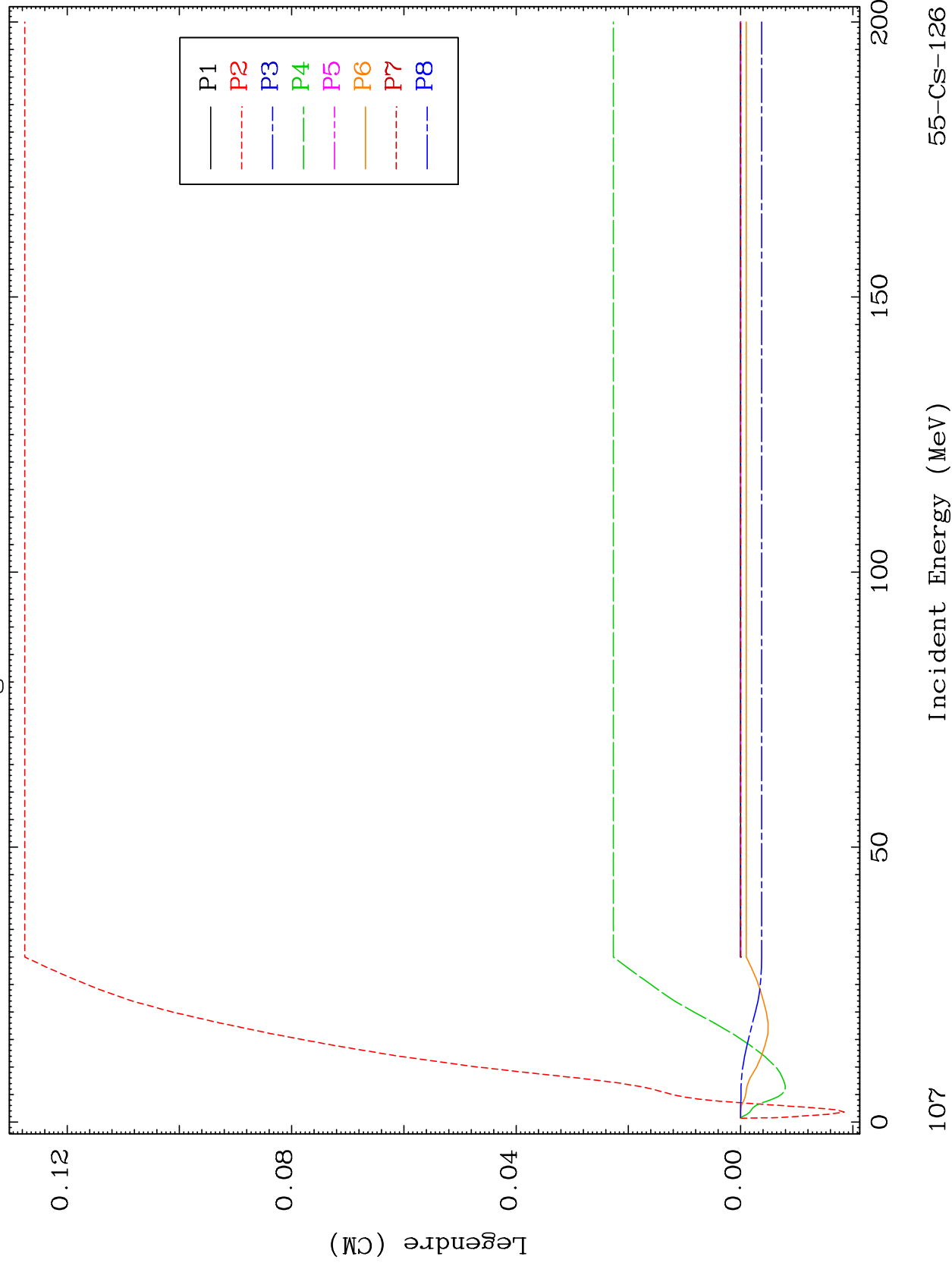
55-Cs-126



MAT 5504

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

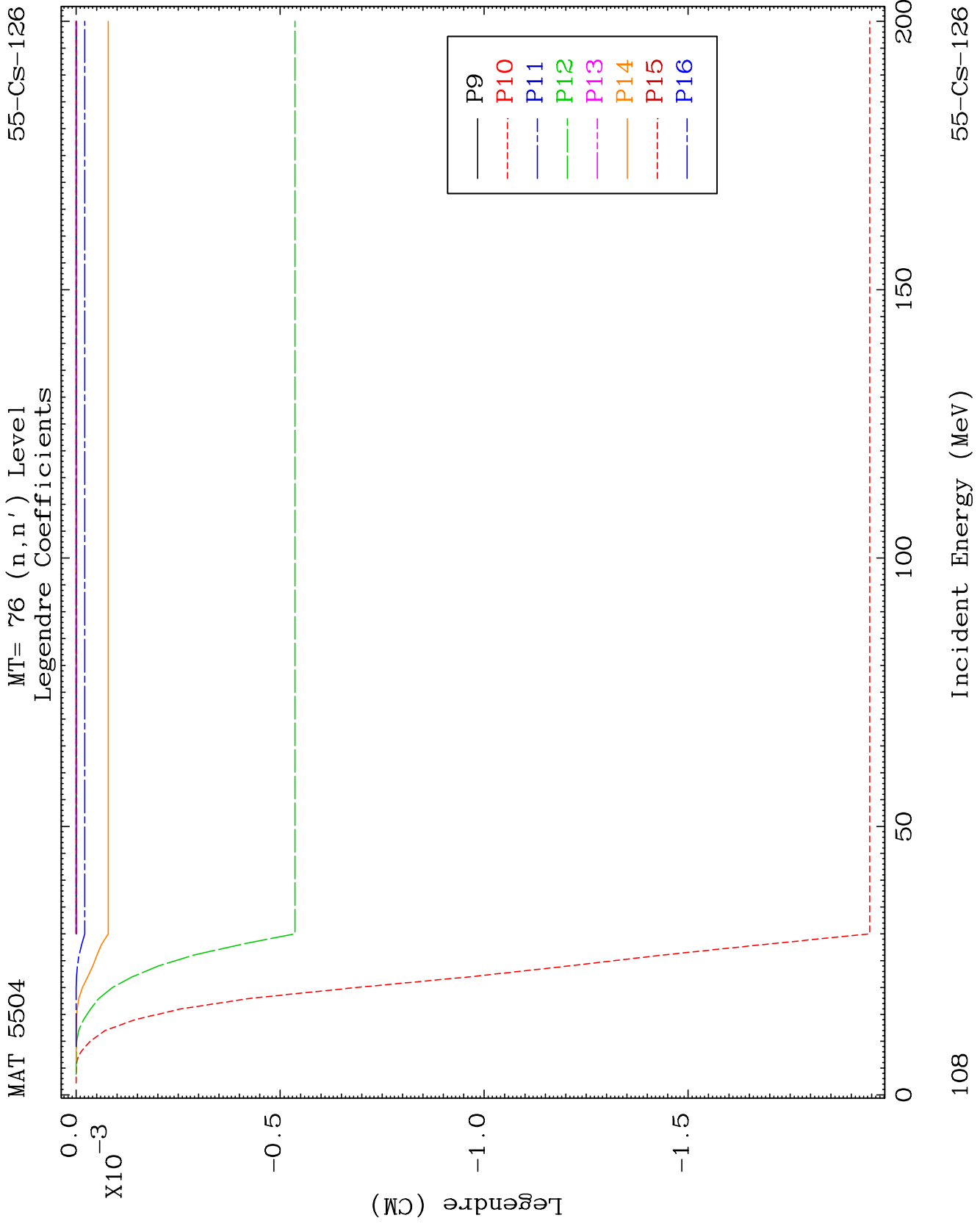
55-Cs-126

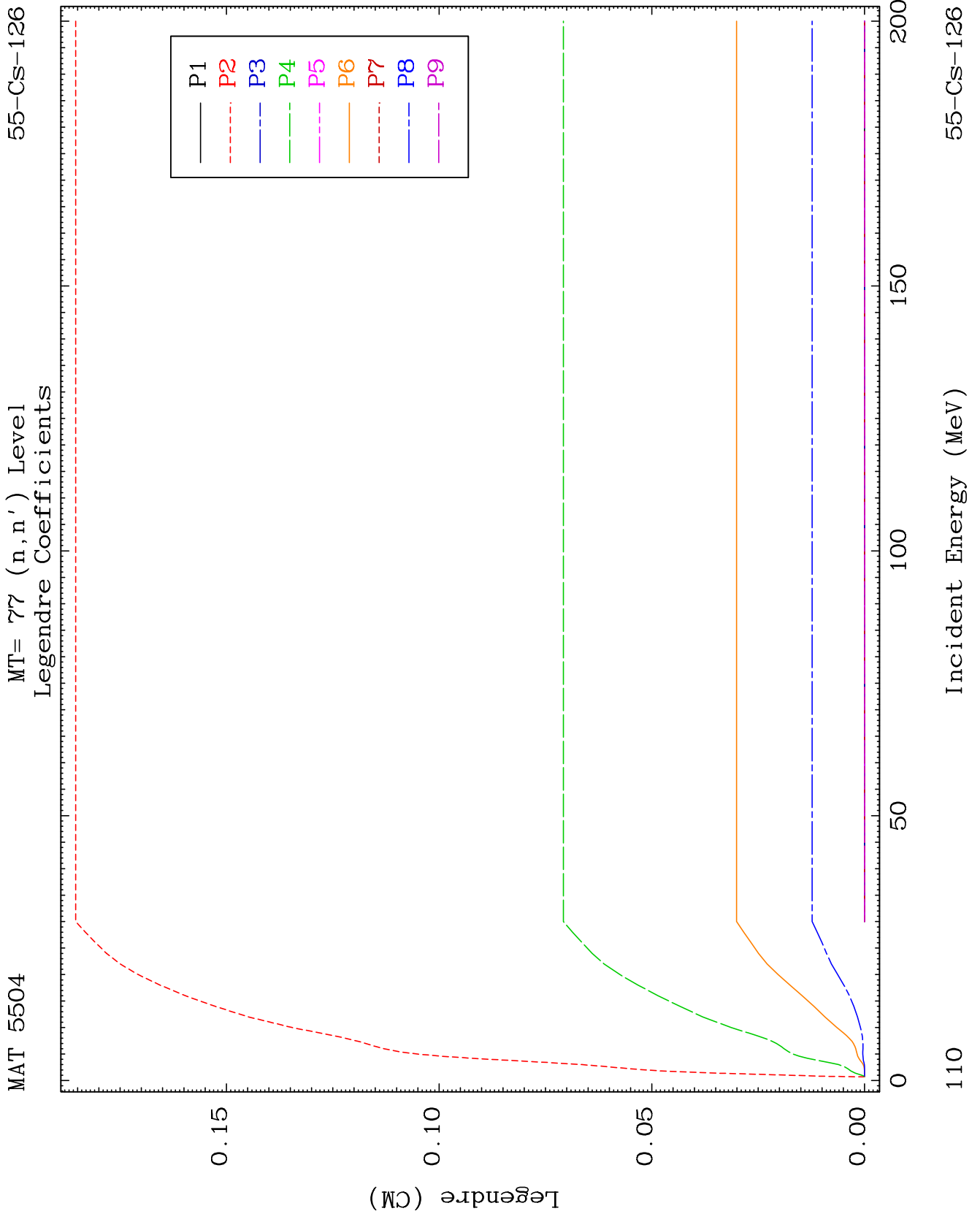


55-Cs-126

Incident Energy (MeV)

107

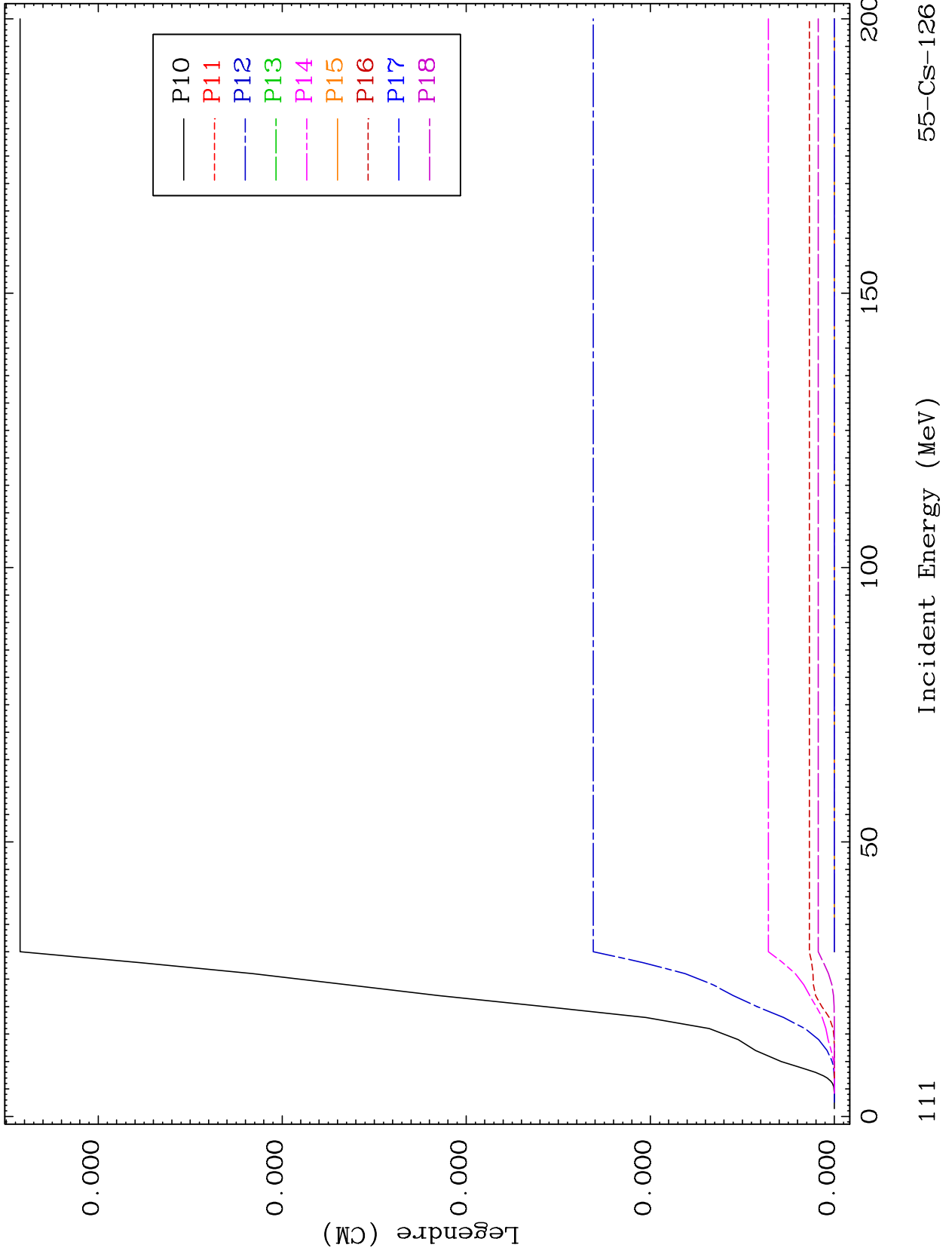




MAT 5504

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

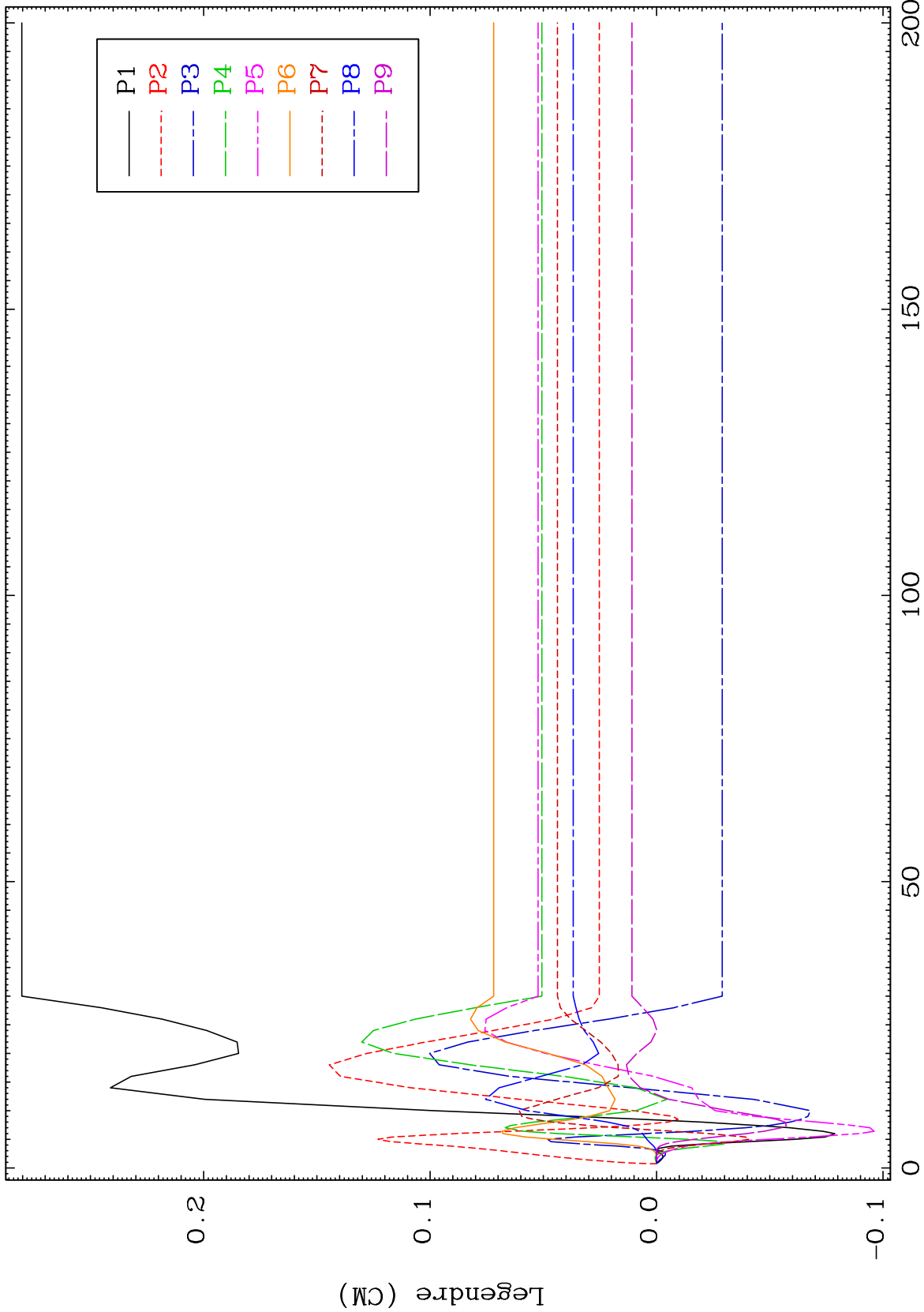
55-Cs-126



MAT 5504

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

55-Cs-126



113

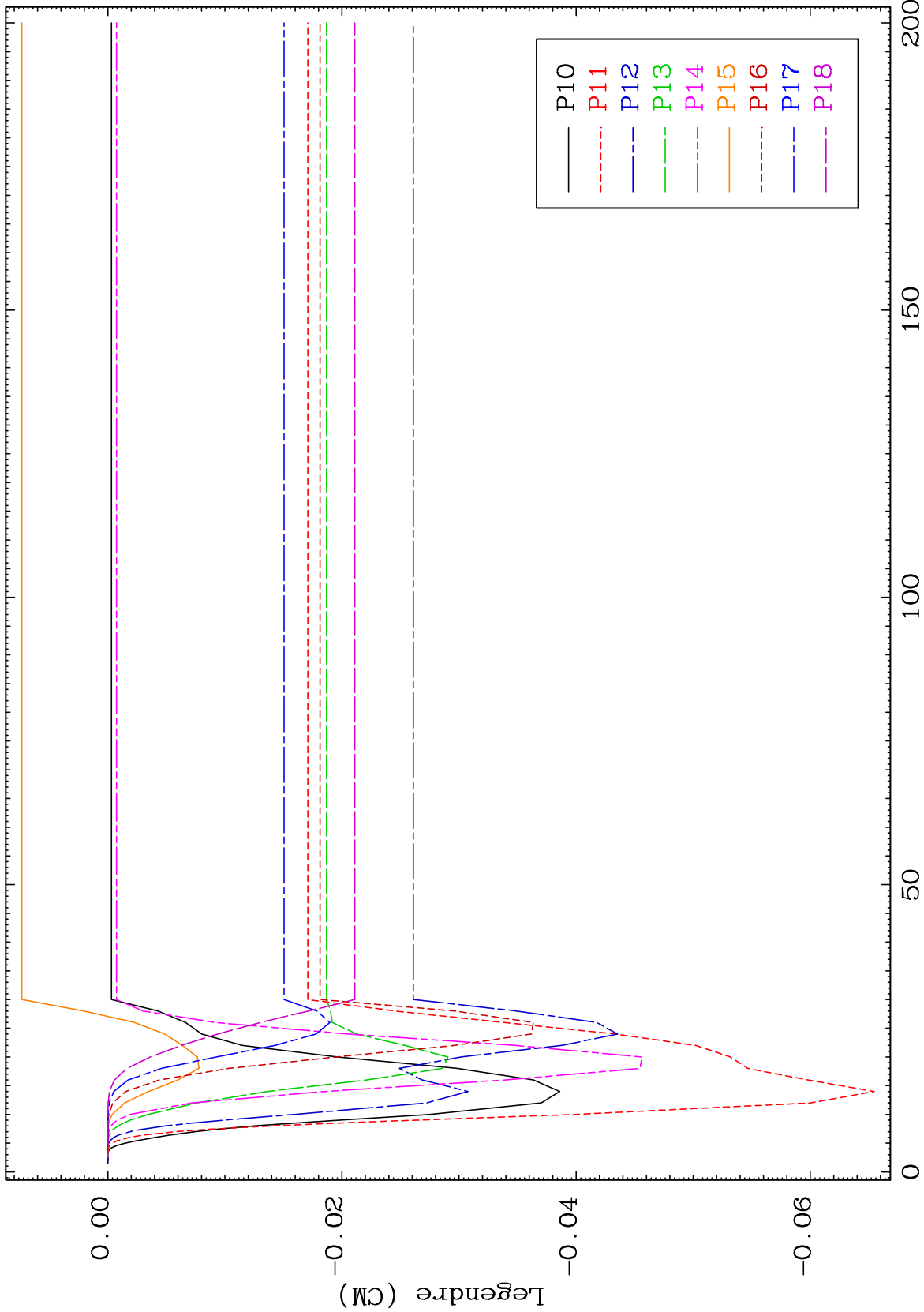
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

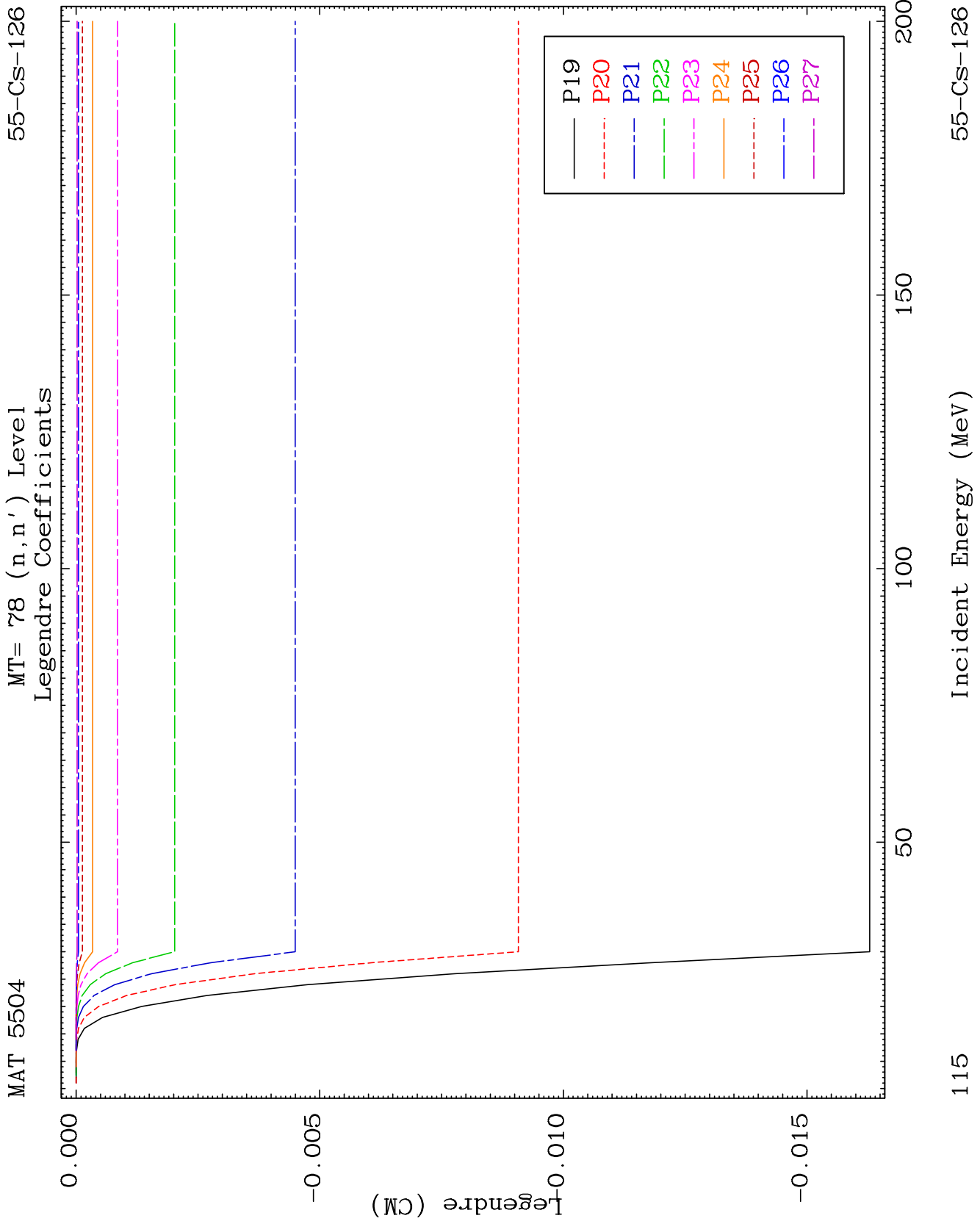
55-Cs-126

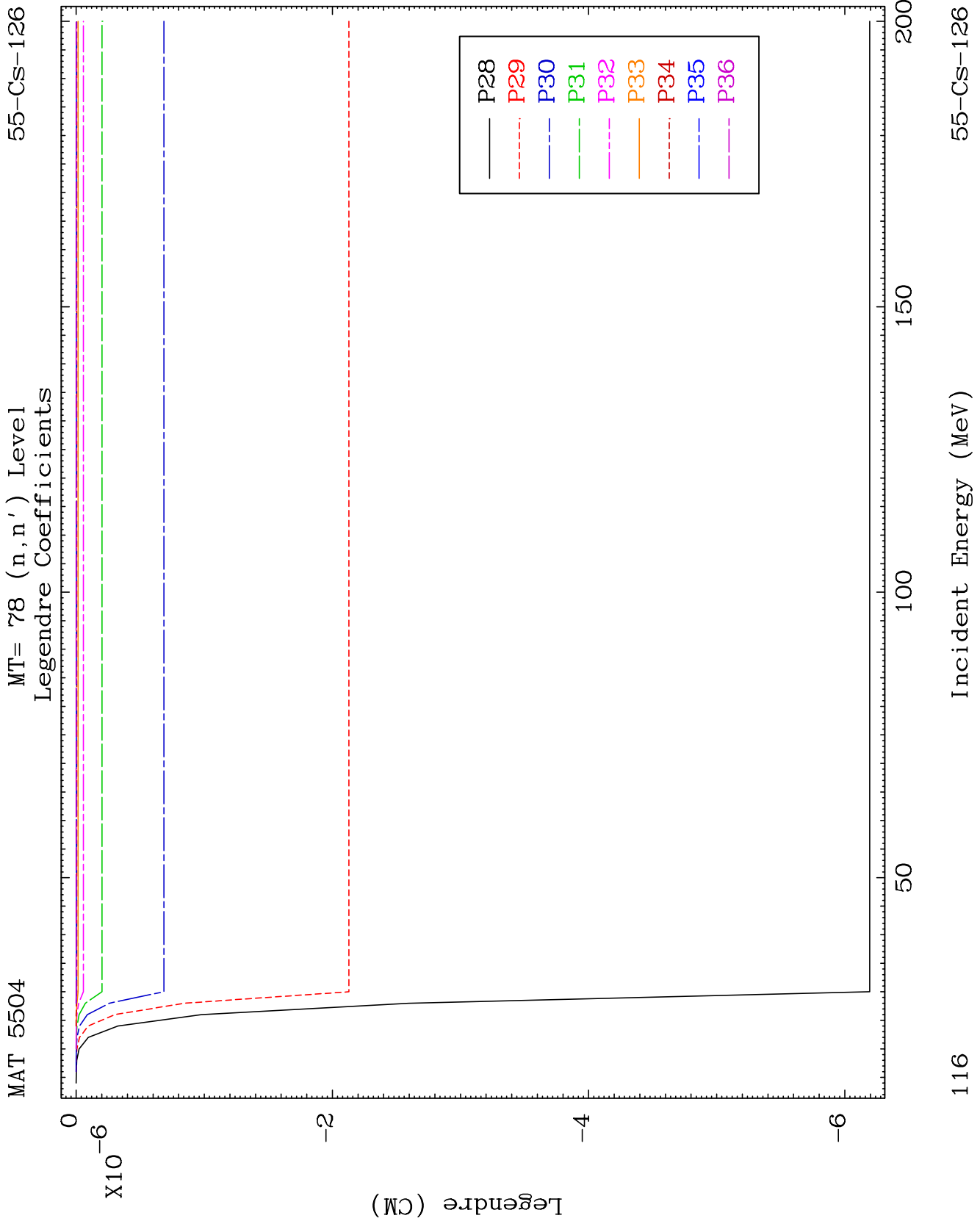


114

Incident Energy (MeV)

55-Cs-126

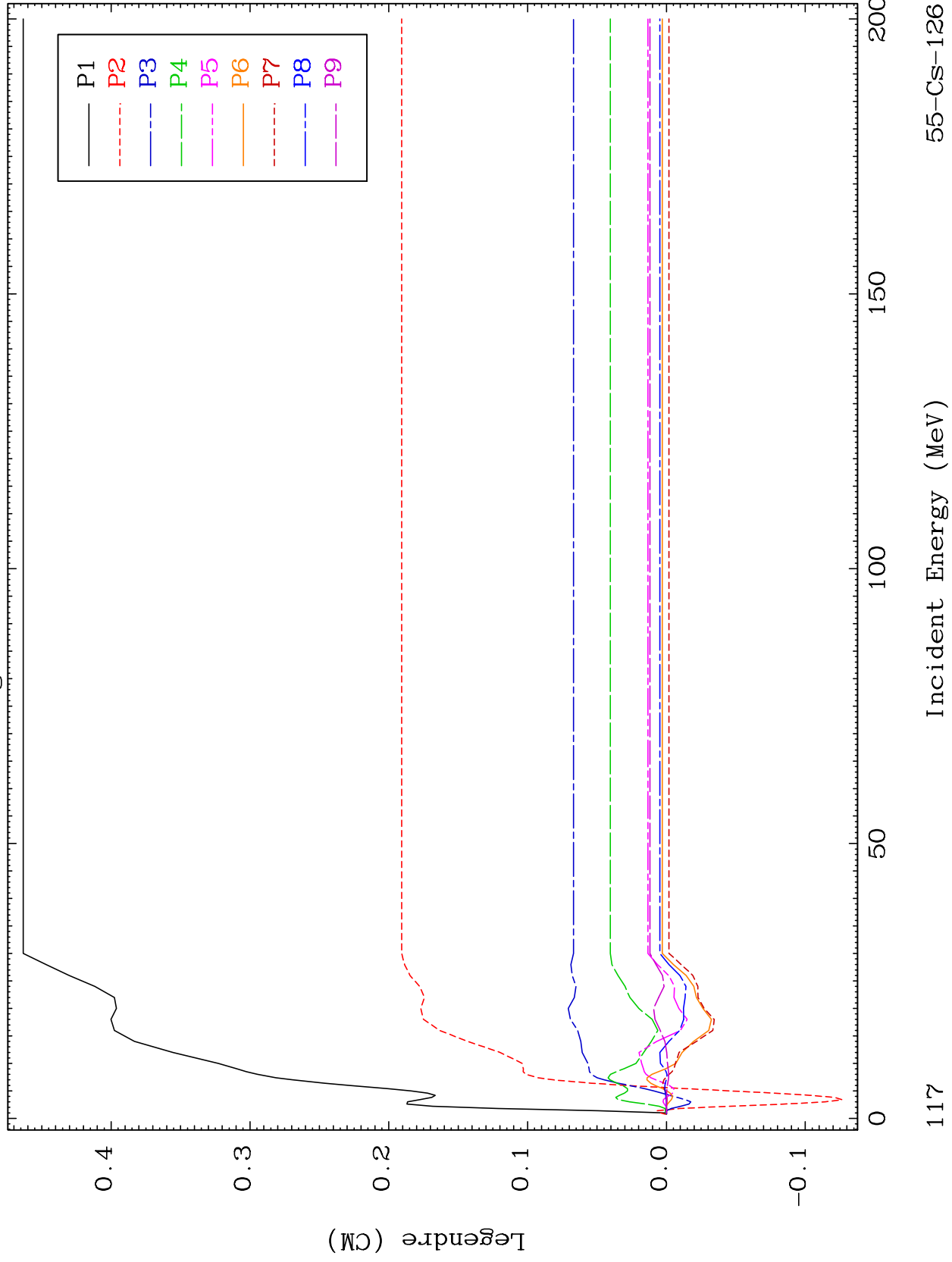




MAT 5504

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

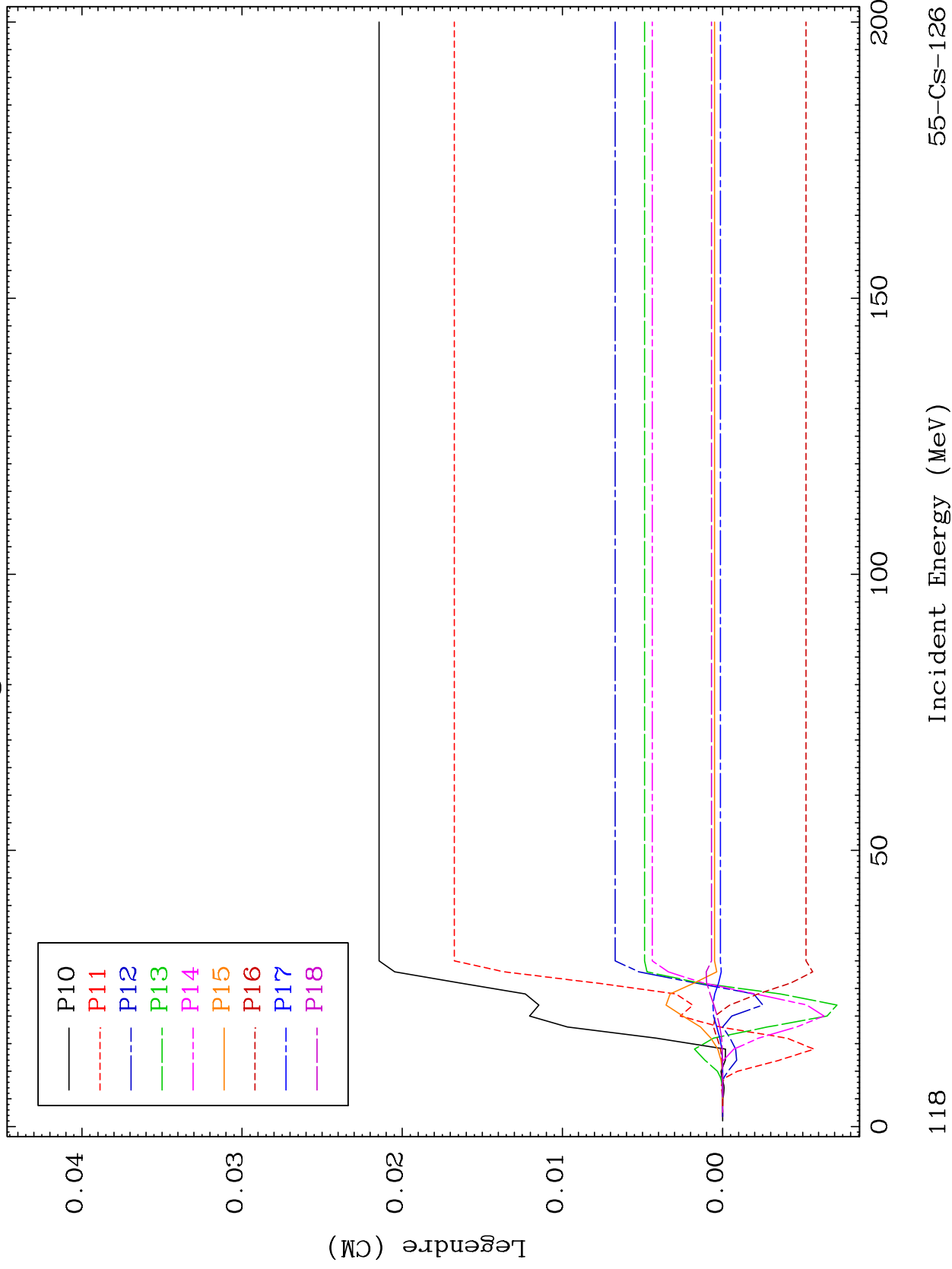
55-Cs-126



MAT 5504

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

55-Cs-126



118

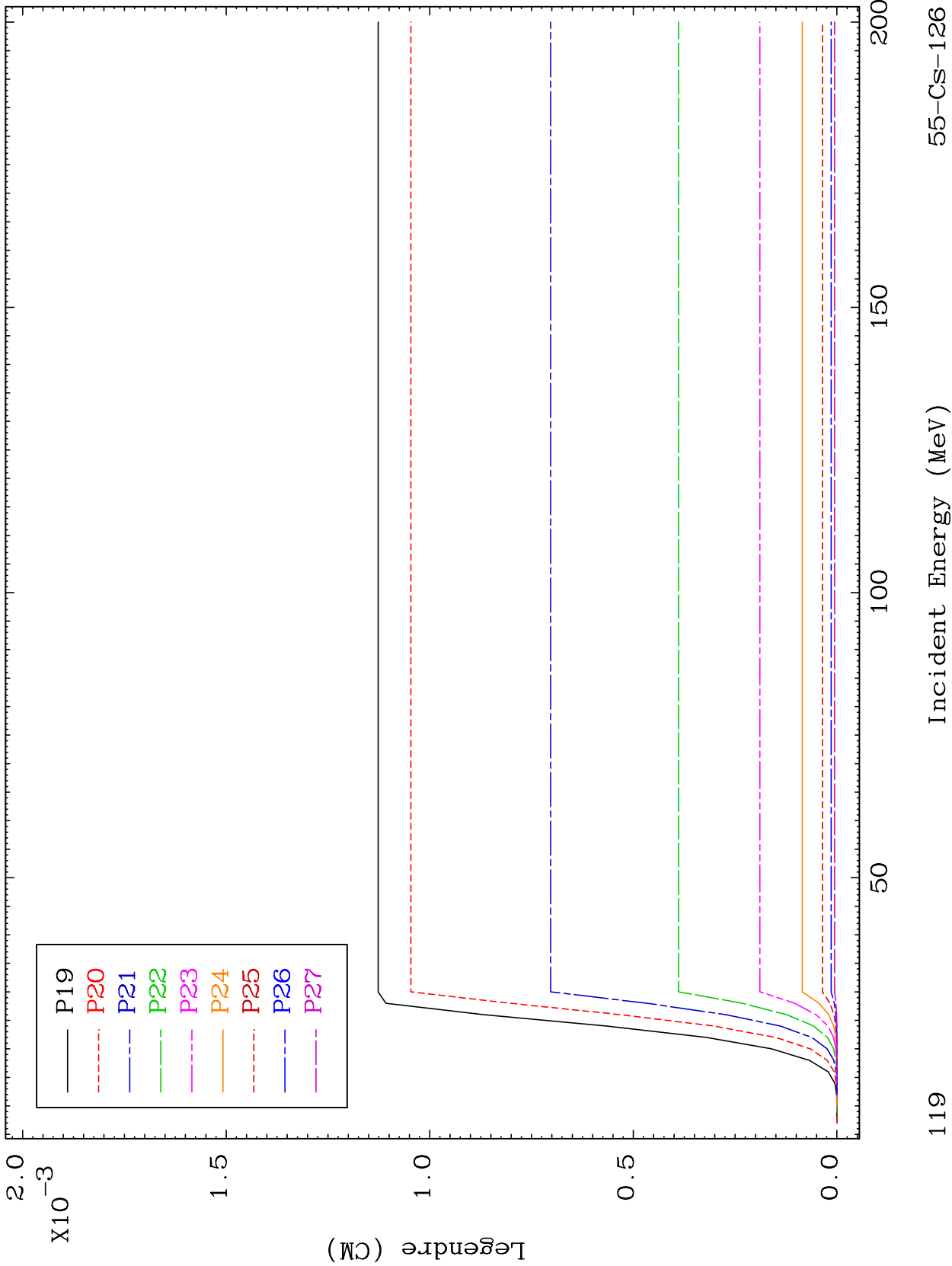
Incident Energy (MeV)

55-Cs-126

MAT 5504

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

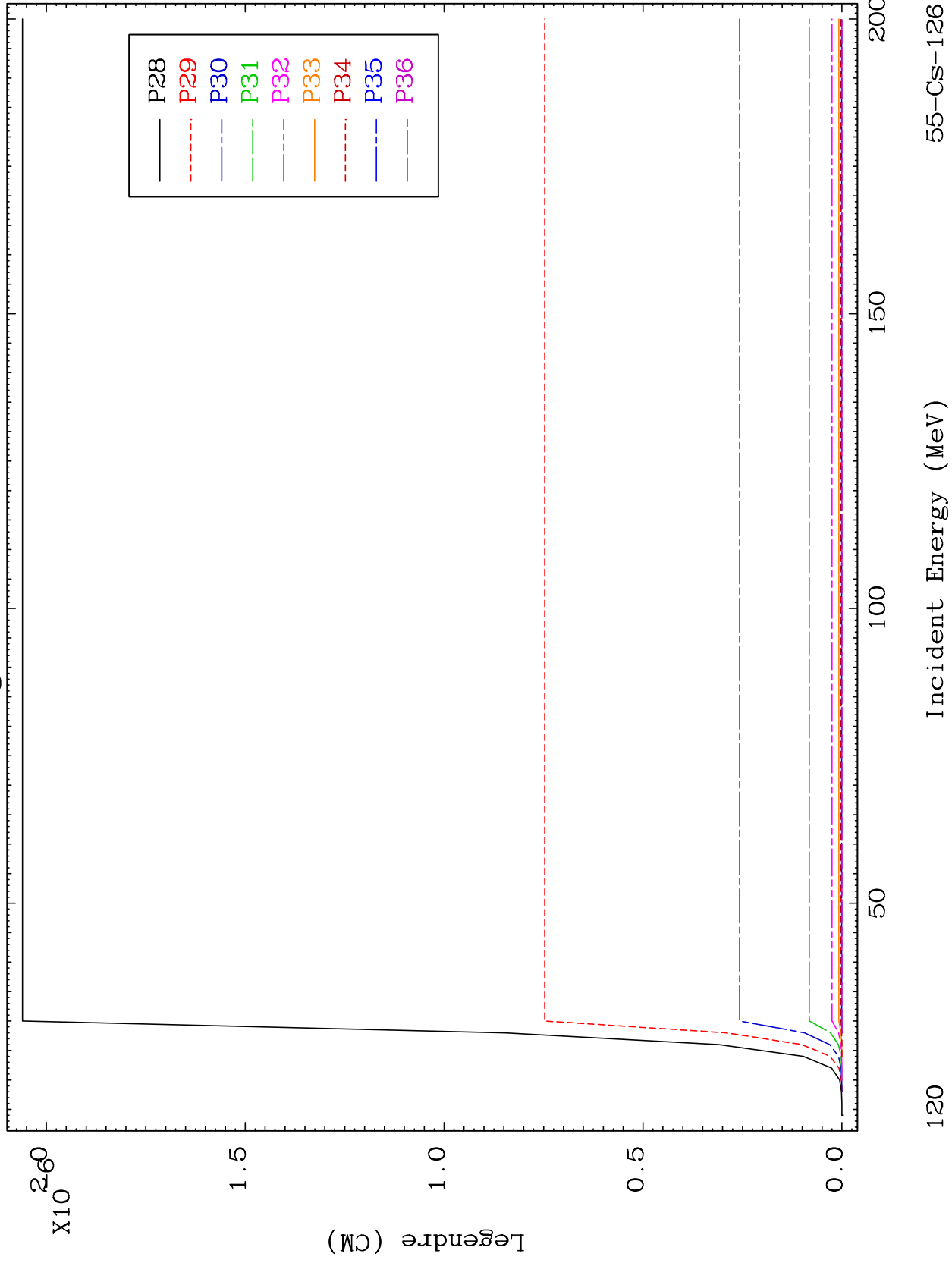
55-Cs-126



MAT 5504

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

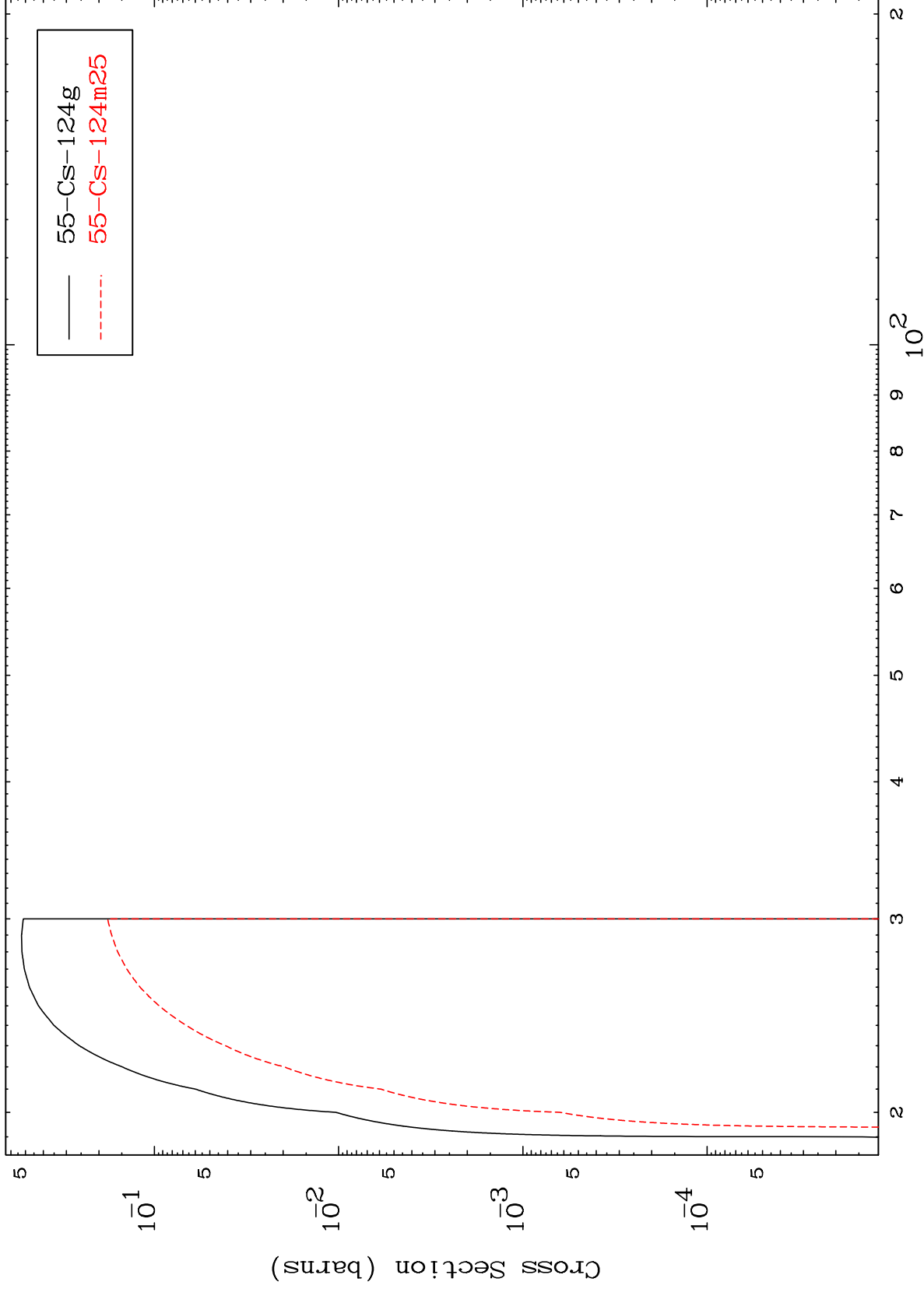
55-Cs-126



MAT 5504

55-Cs-126

(n,3n)
Radionuclide Production Cross Section



121

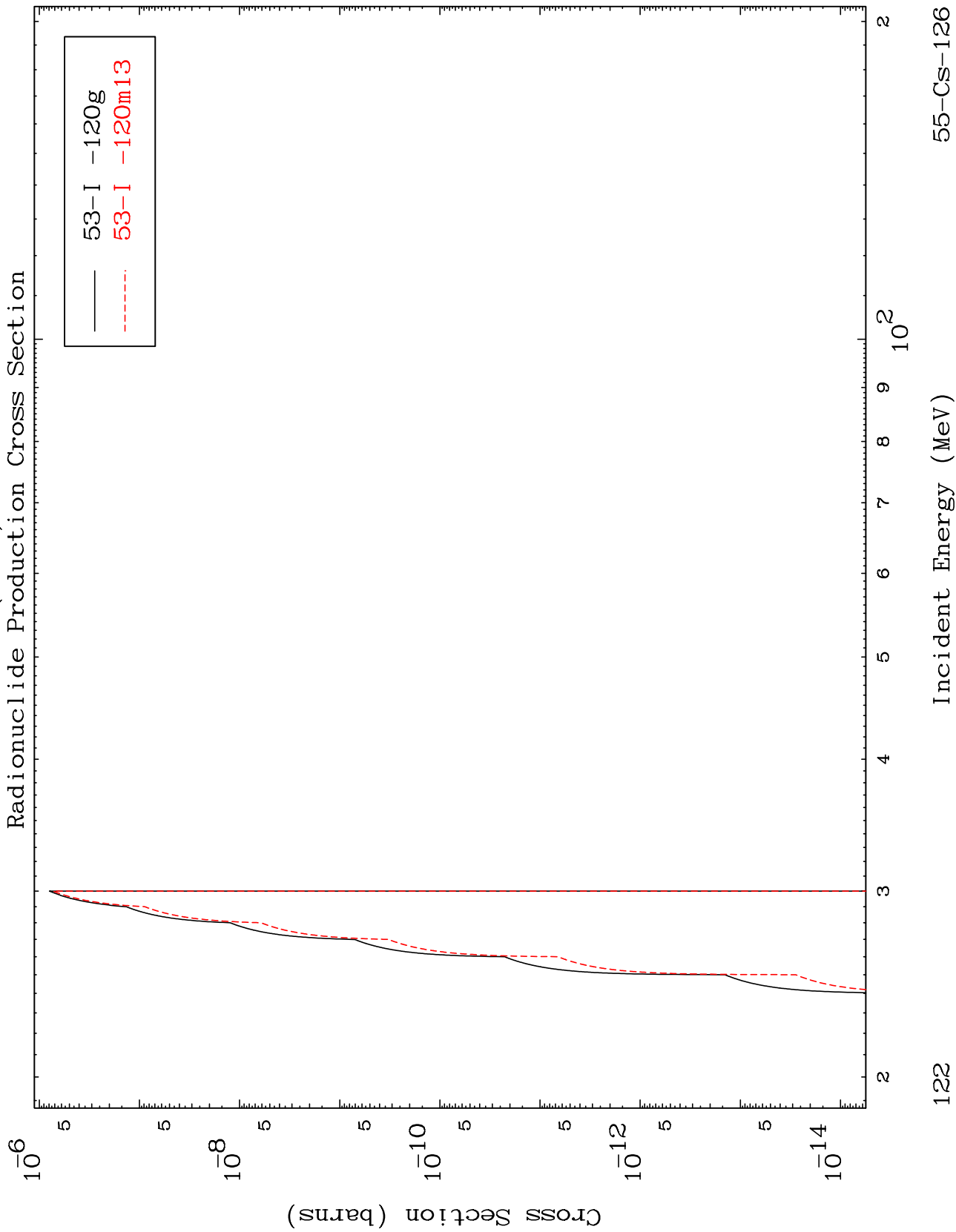
Incident Energy (MeV)

55-Cs-126

MAT 5504

(n,3n) α

55-Cs-126



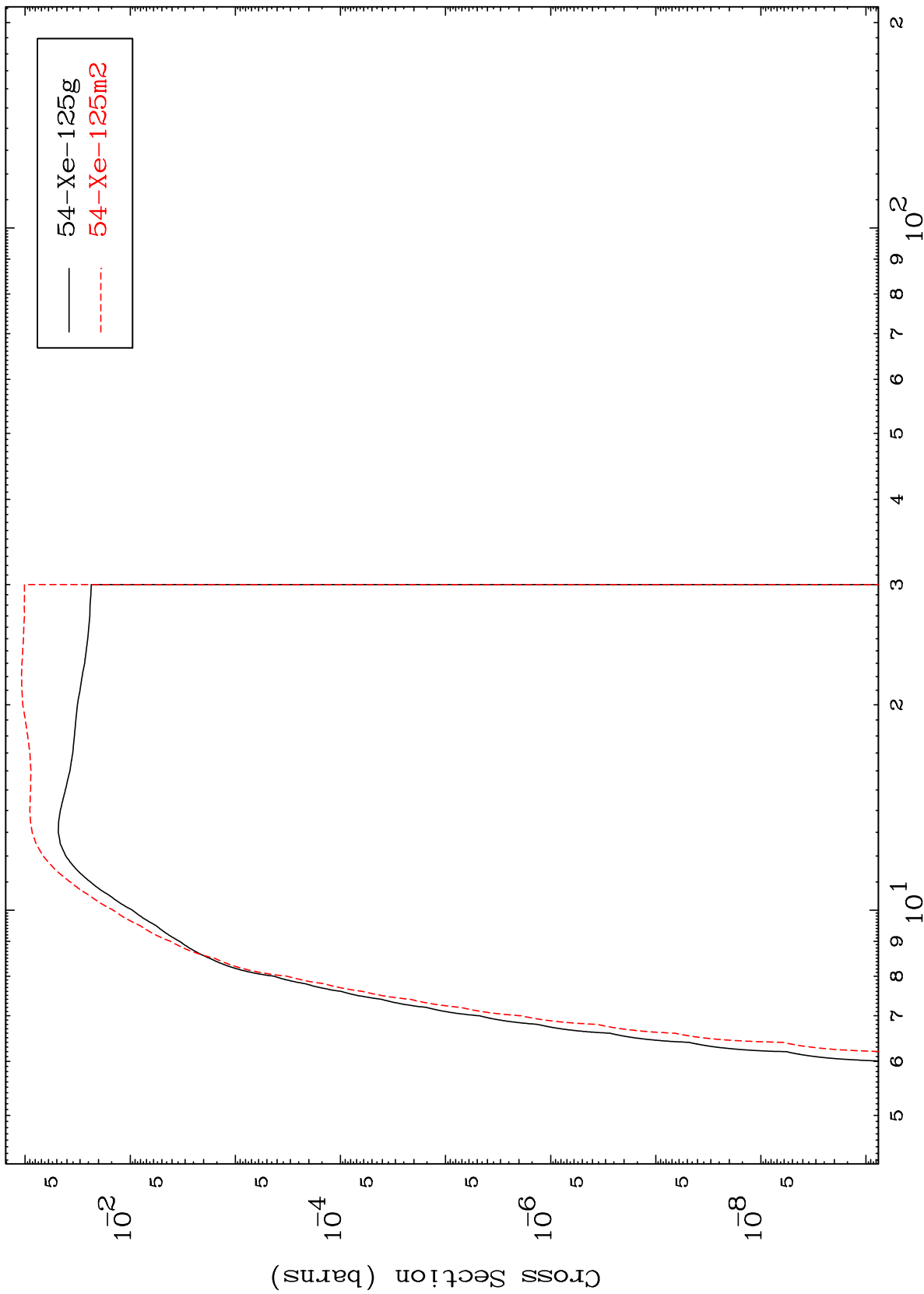
122

55-Cs-126

MAT 5504

55-Cs-126

(n, n') p
Radionuclide Production Cross Section



55-Cs-126

Incident Energy (MeV)

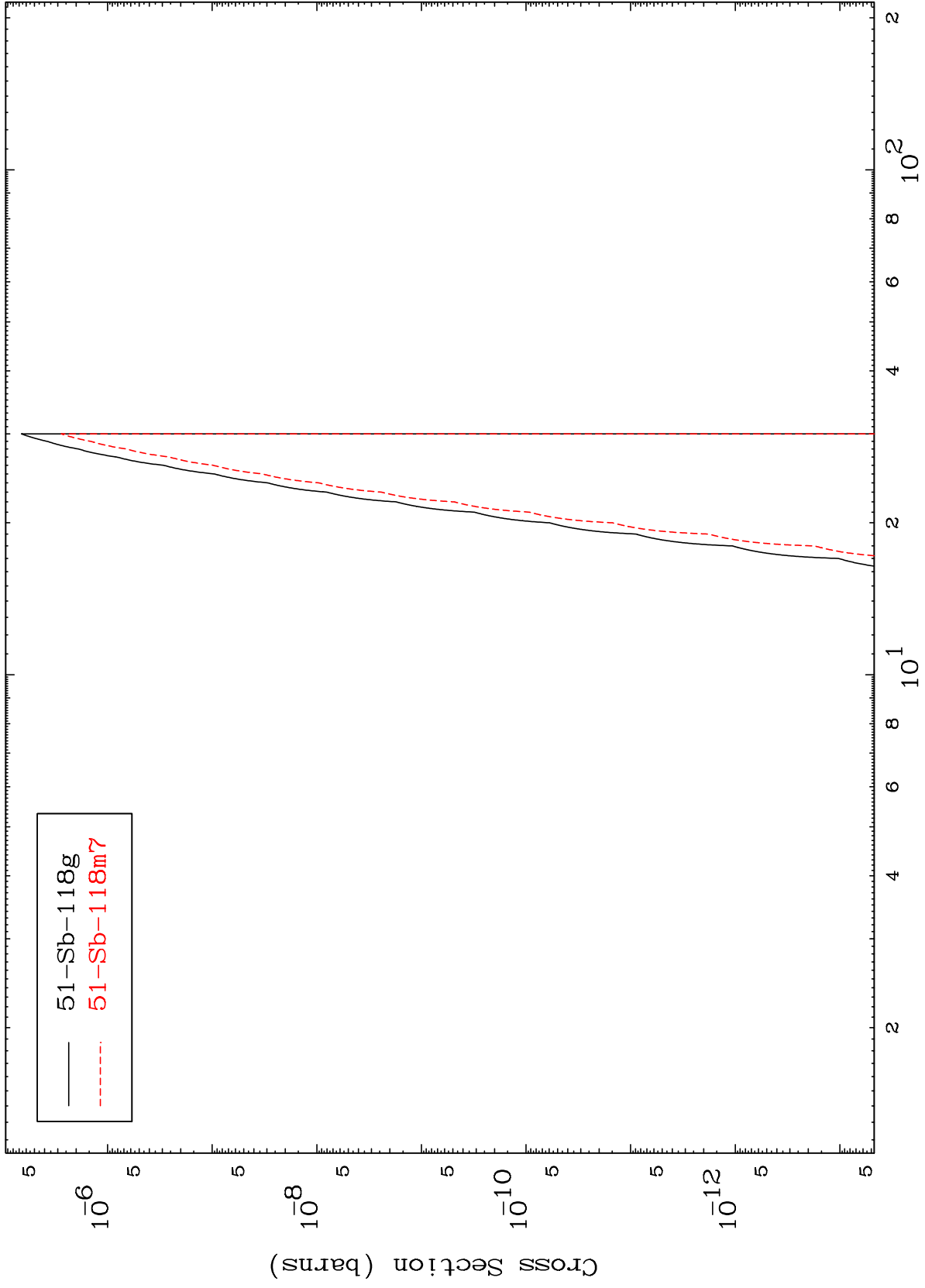
123

MAT 5504

(n,n') 2 α

55-Cs-126

Radionuclide Production Cross Section



124

Incident Energy (MeV)

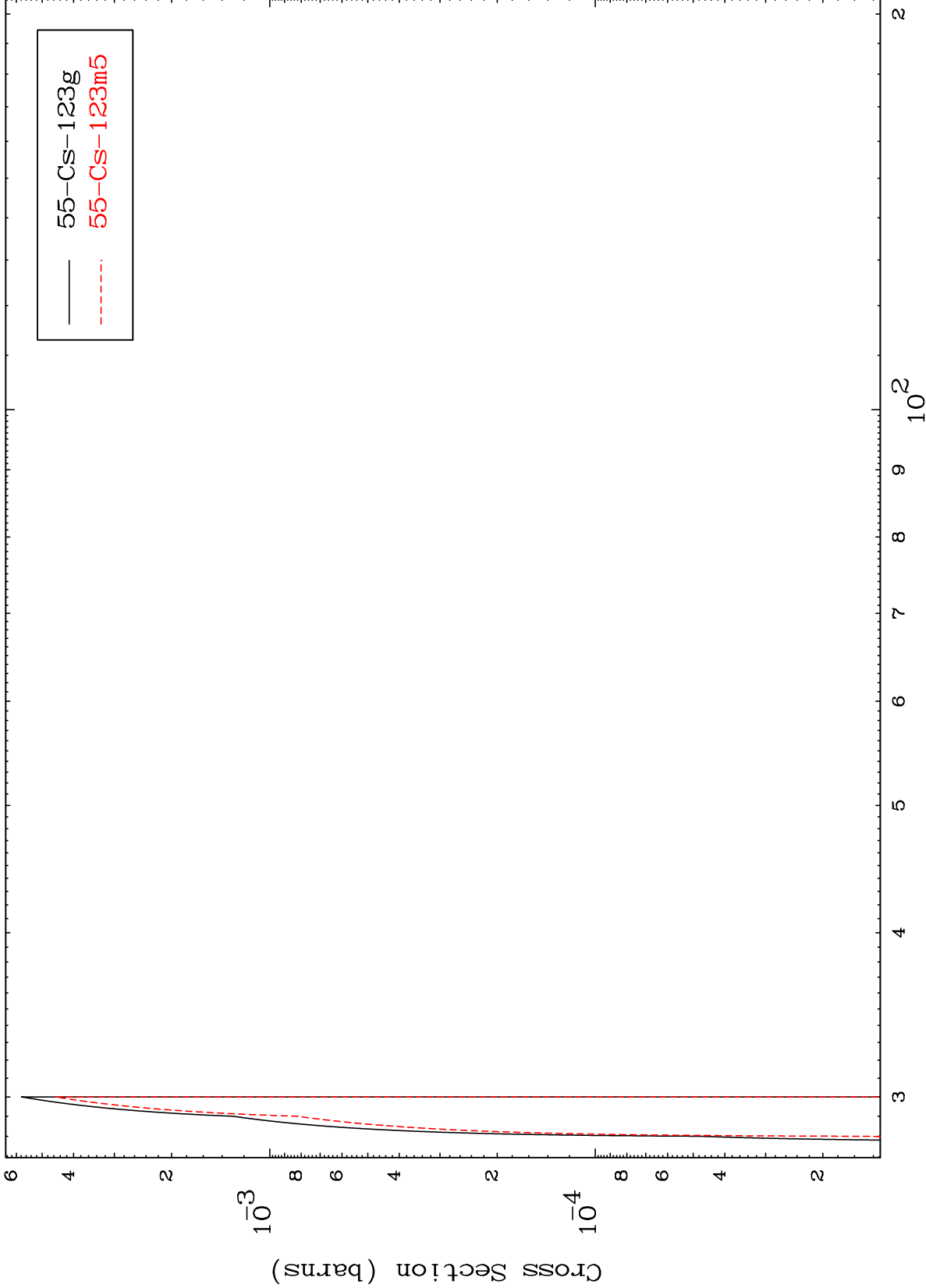
55-Cs-126

MAT 5504

(n,4n)

55-Cs-126

Radionuclide Production Cross Section



125

Incident Energy (MeV)

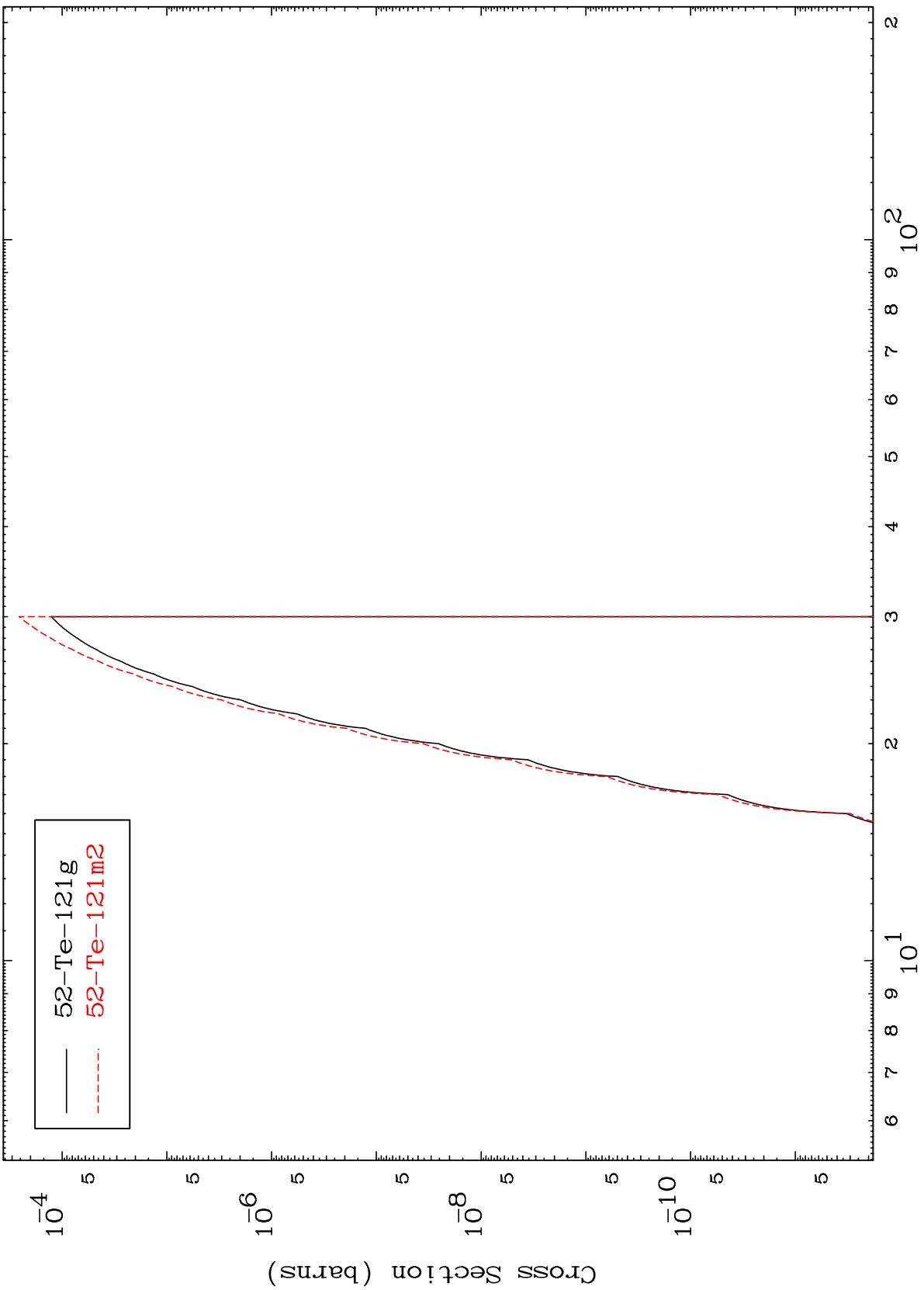
55-Cs-126

MAT 5504

(n,n') p α

55-Cs-126

Radionuclide Production Cross Section



52-Te-121g
52-Te-121m2

126

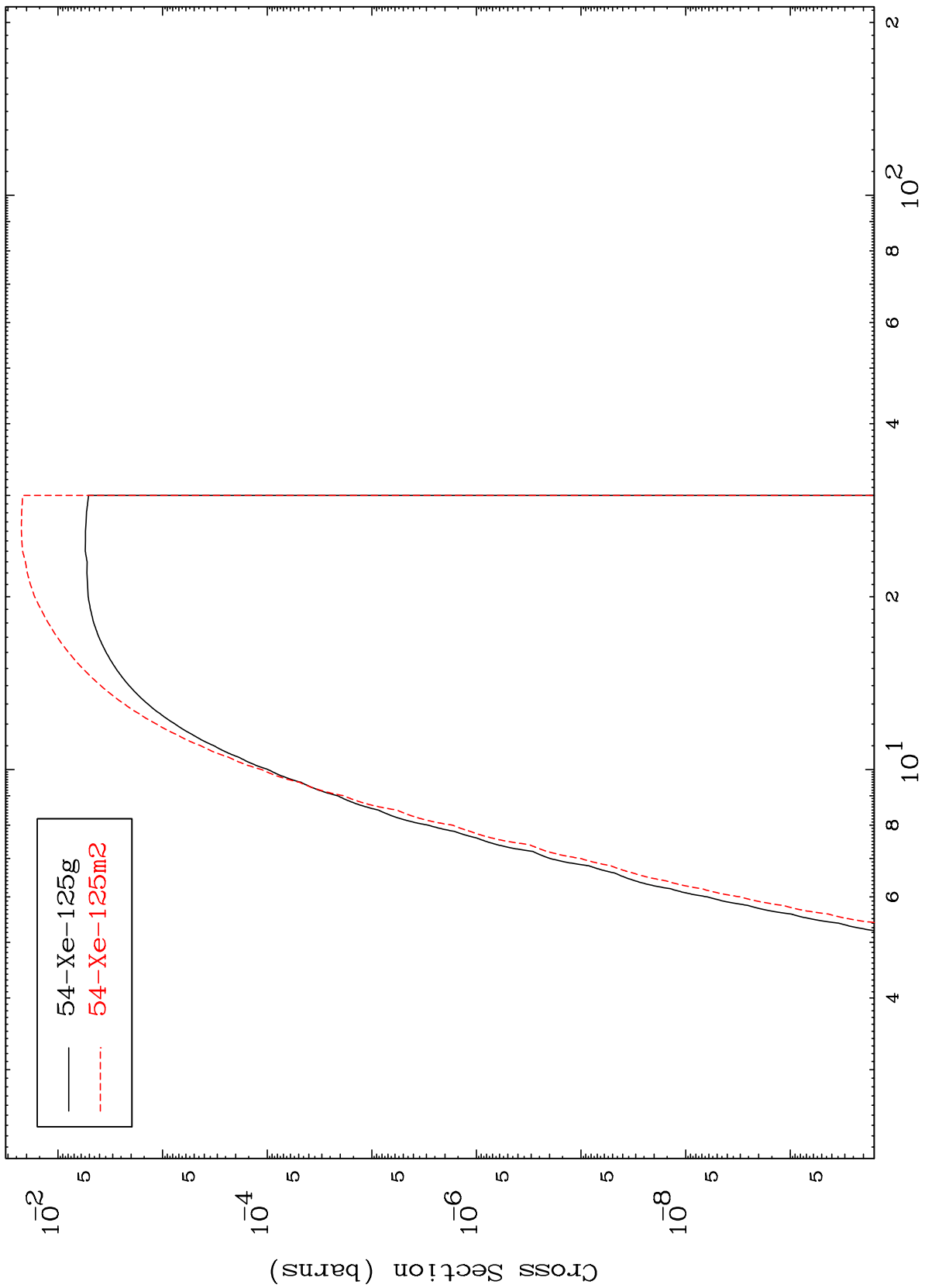
Incident Energy (MeV)

55-Cs-126

MAT 5504

55-Cs-126

(n,d)
Radionuclide Production Cross Section



127

55-Cs-126

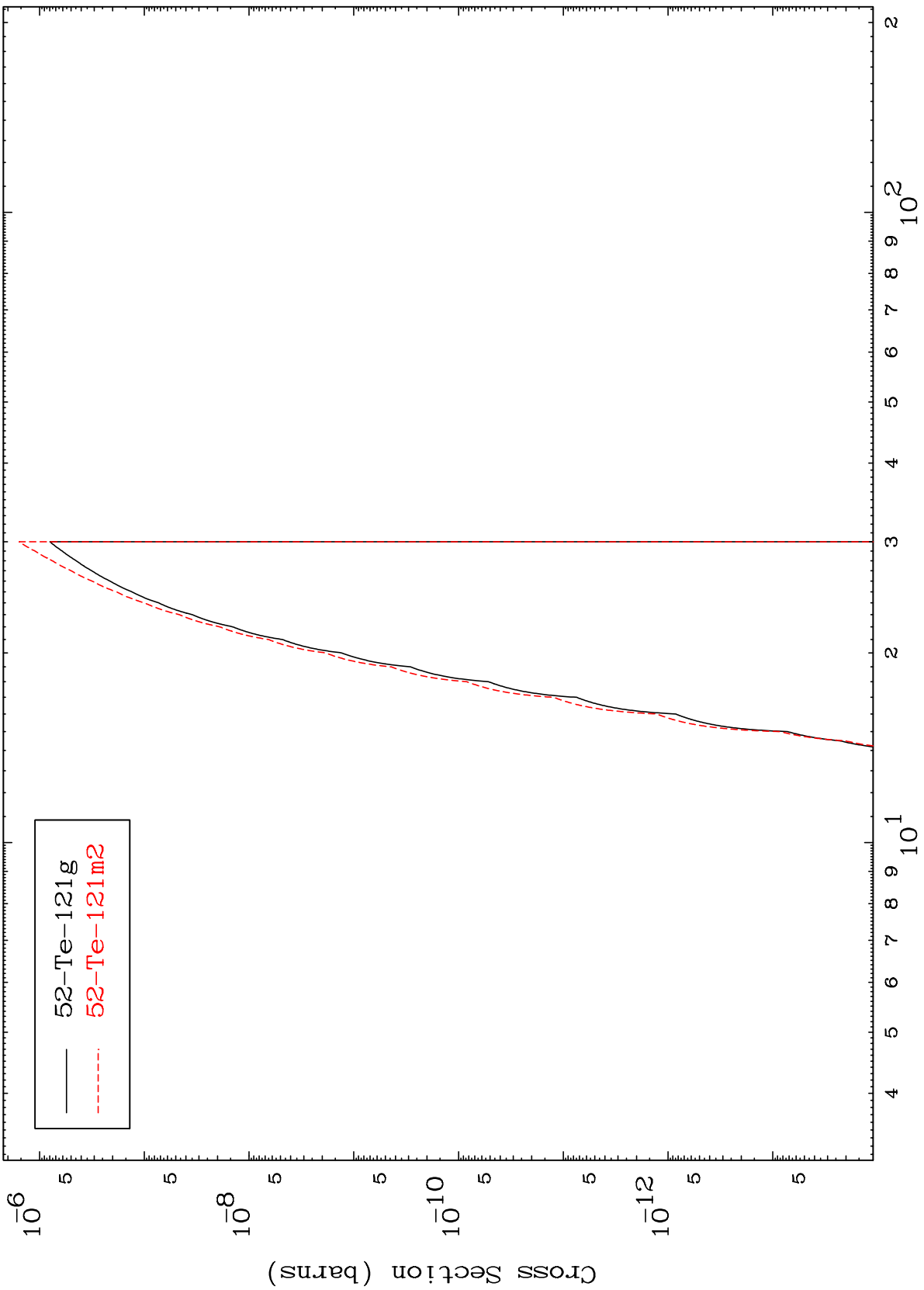
Incident Energy (MeV)

MAT 5504

(n,d) α

55-Cs-126

Radionuclide Production Cross Section



128

Incident Energy (MeV)

55-Cs-126