

Program EVALPLOT
(Version 2018-1)

by

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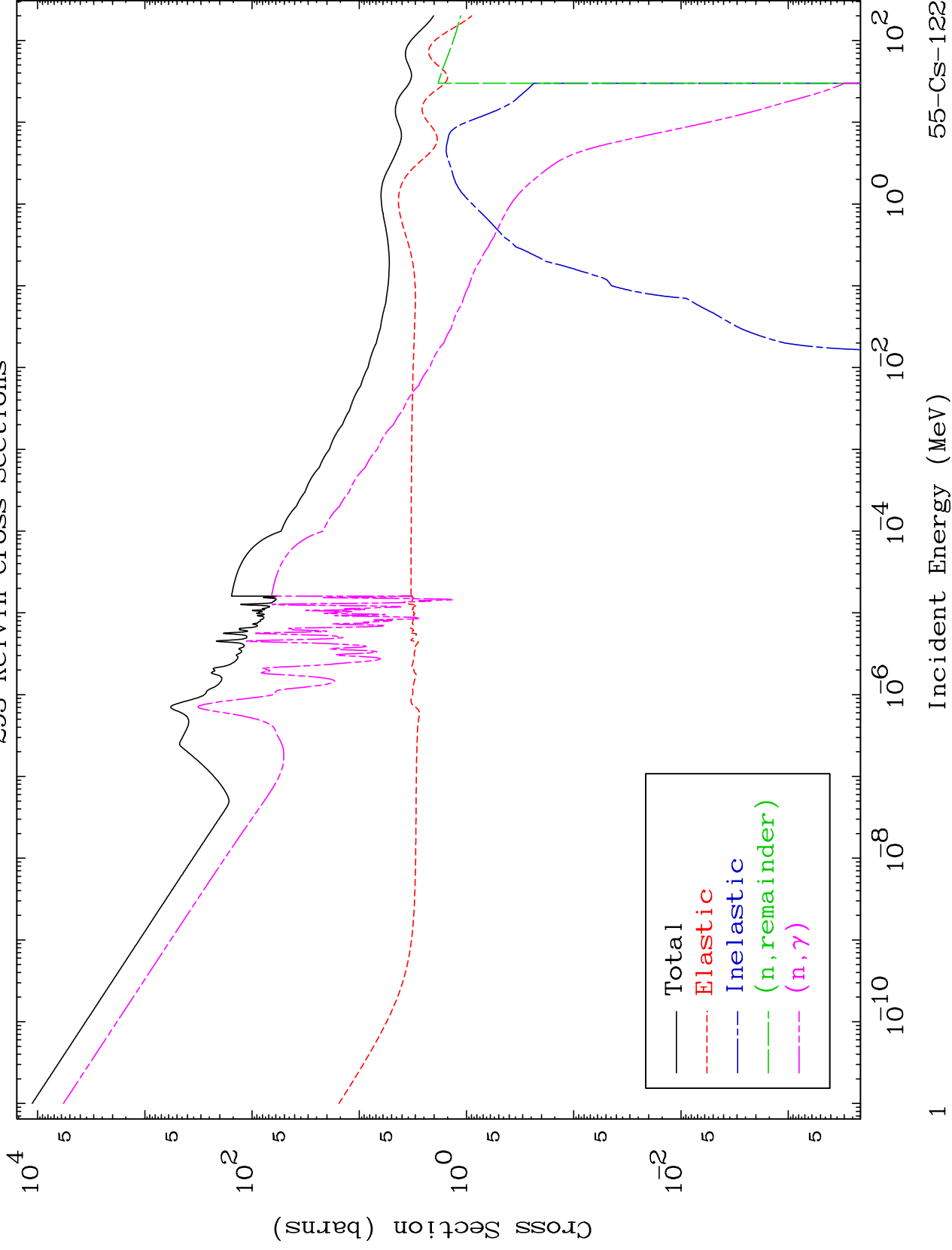
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Press Mouse Button to Start

MAT 5492

Major
293 Kelvin Cross Sections

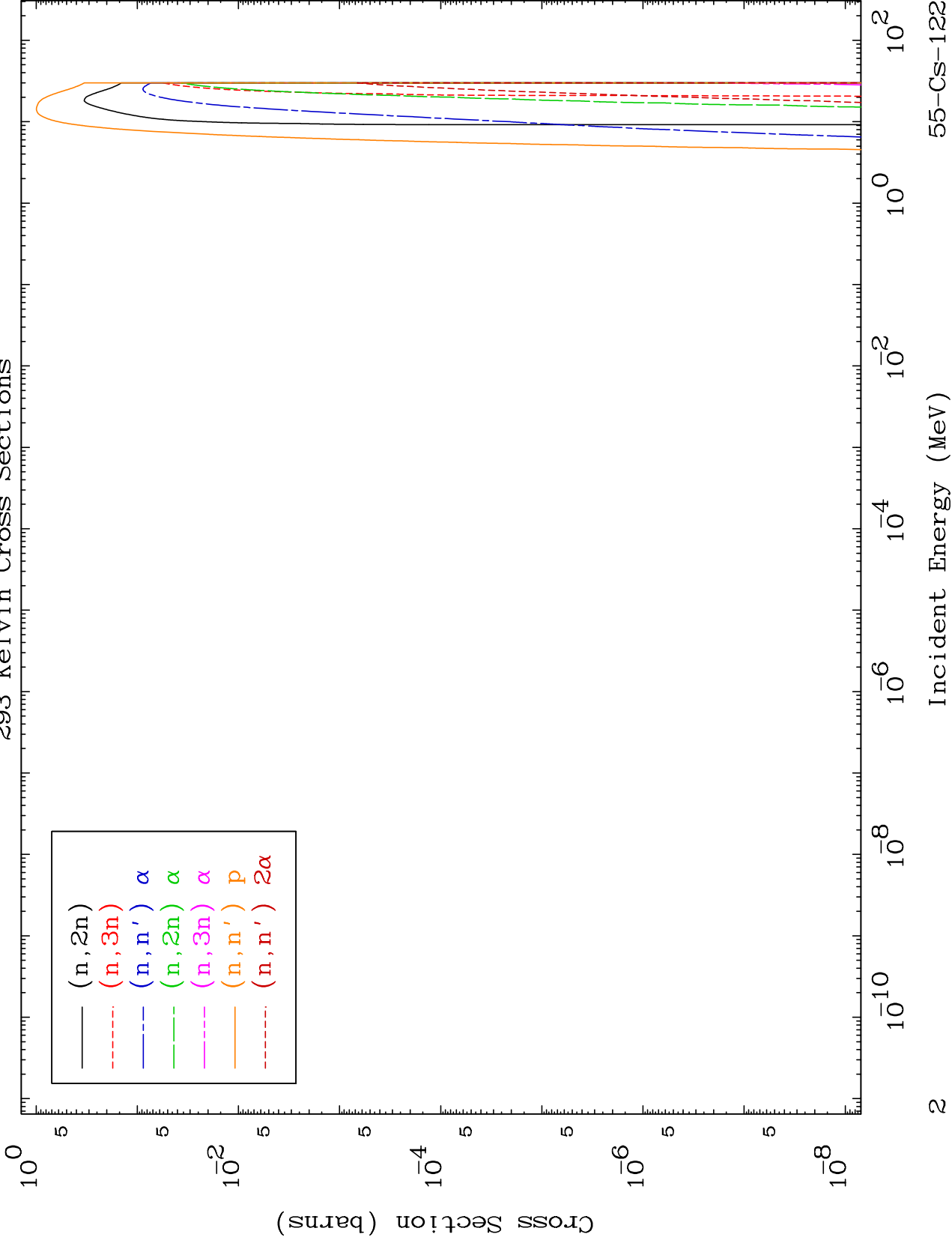
55-Cs-122

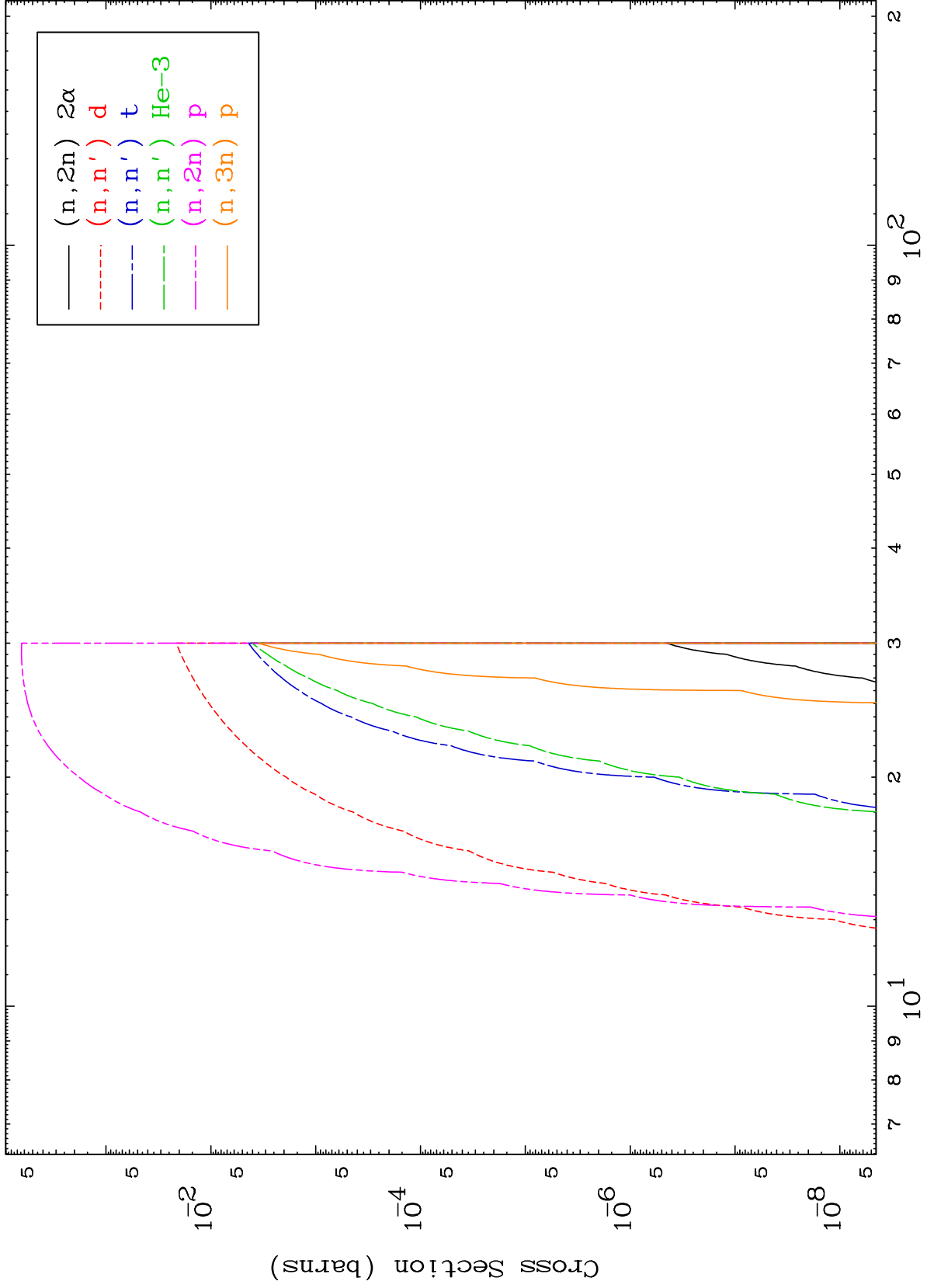


MAT 5492

Neutron Production
293 Kelvin Cross Sections

55-Cs-122

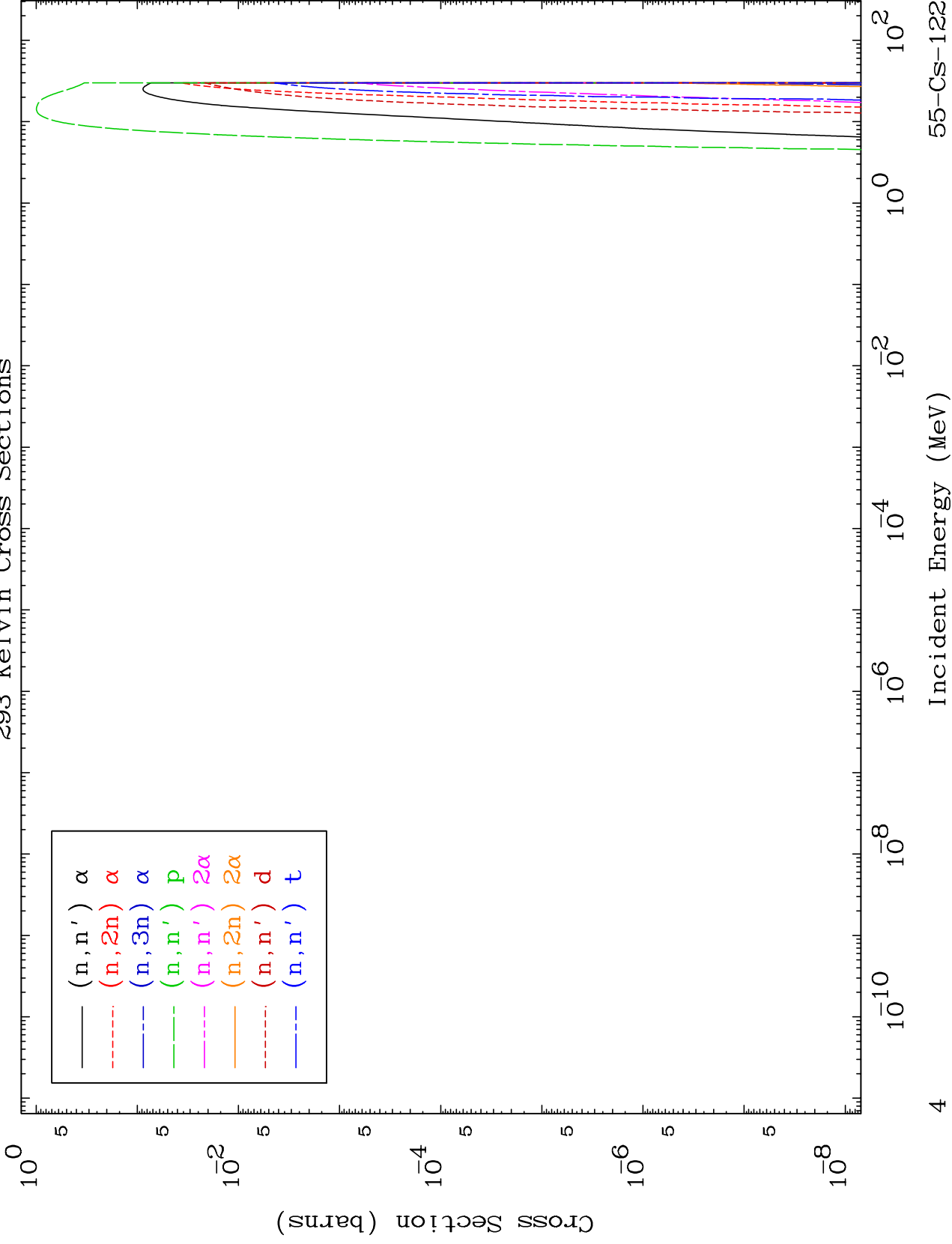




MAT 5492

Charged Particle
293 Kelvin Cross Sections

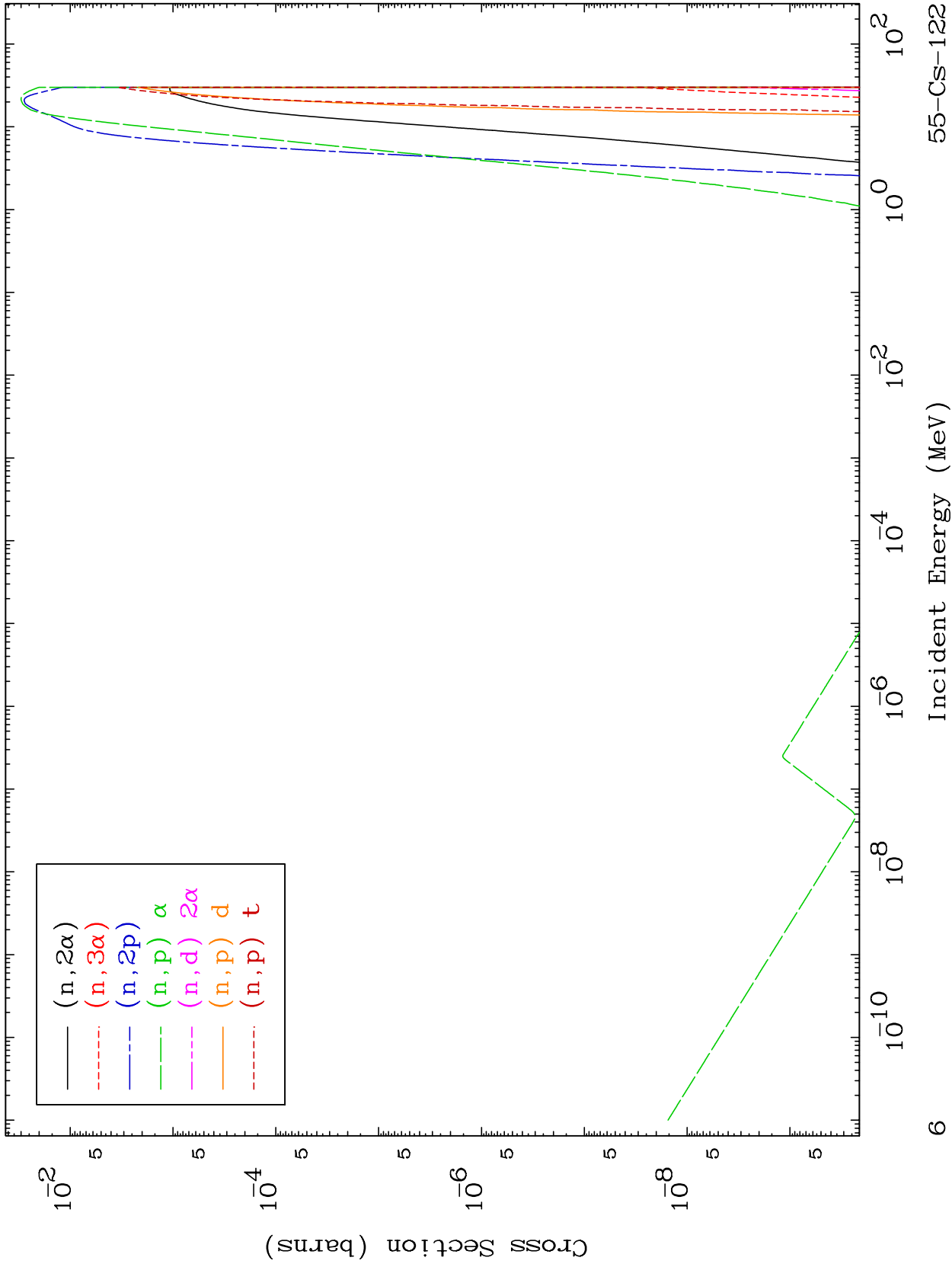
55-Cs-122



MAT 5492

Charged Particle
293 Kelvin Cross Sections

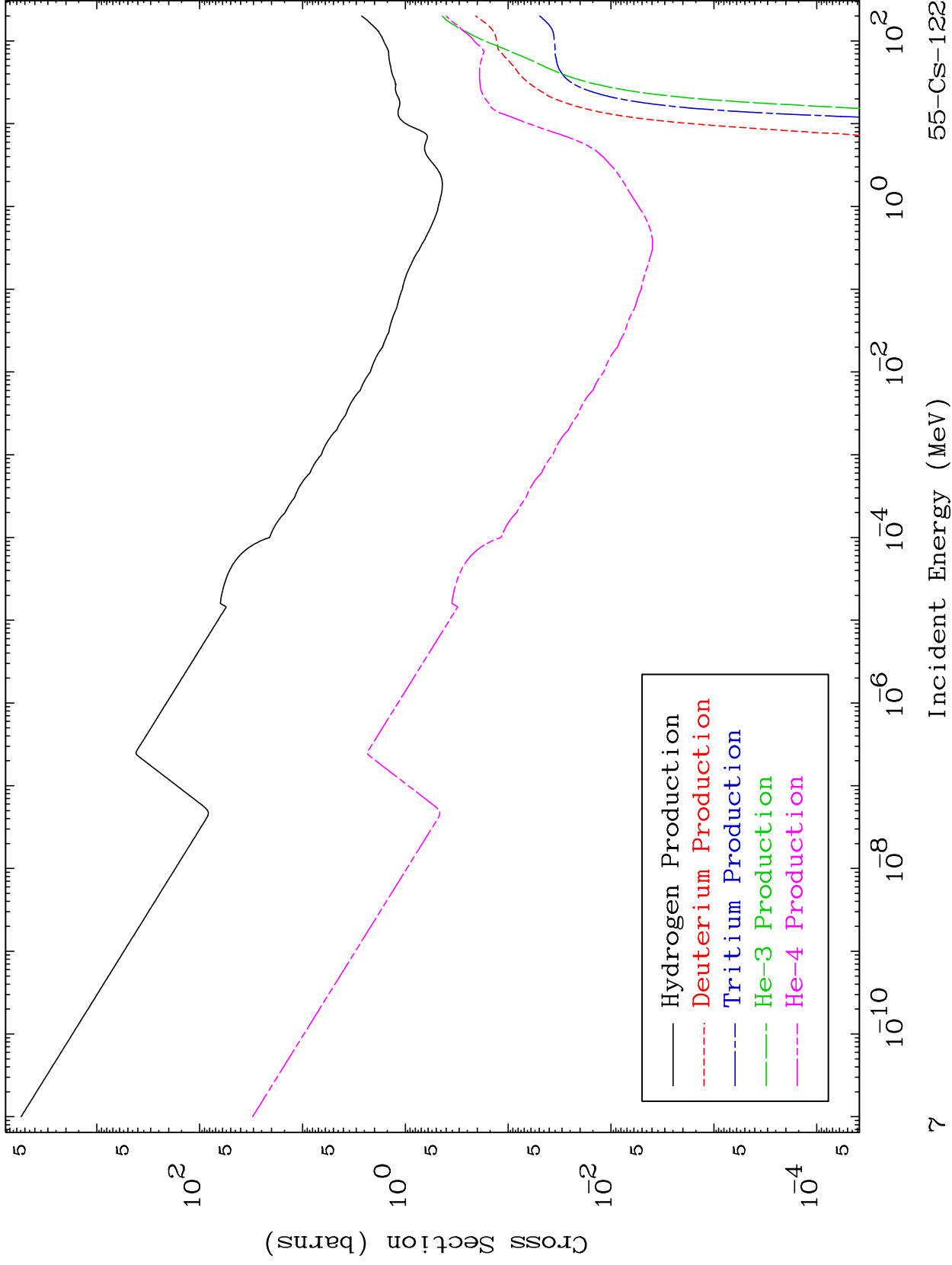
55-Cs-122

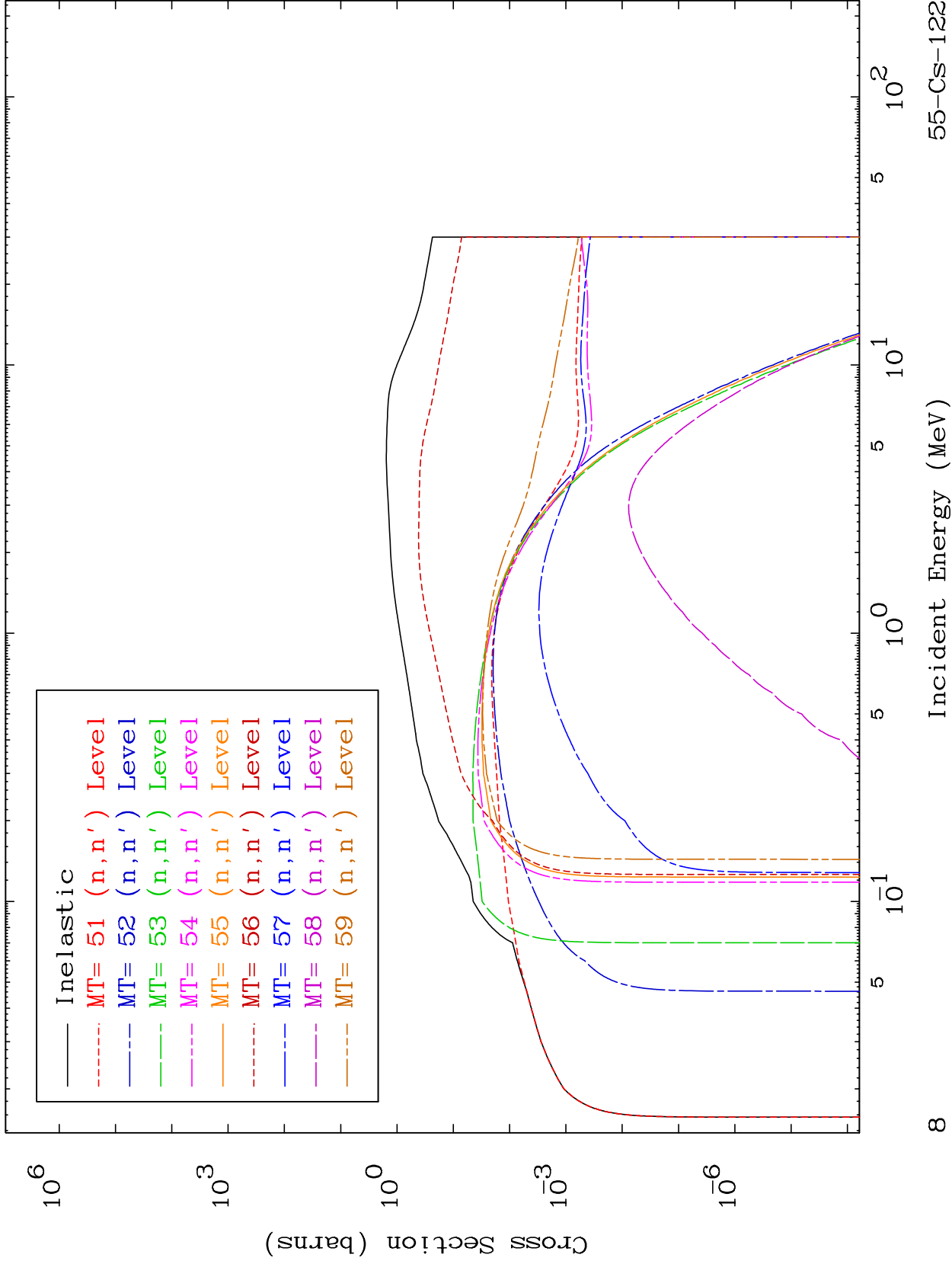


MAT 5492

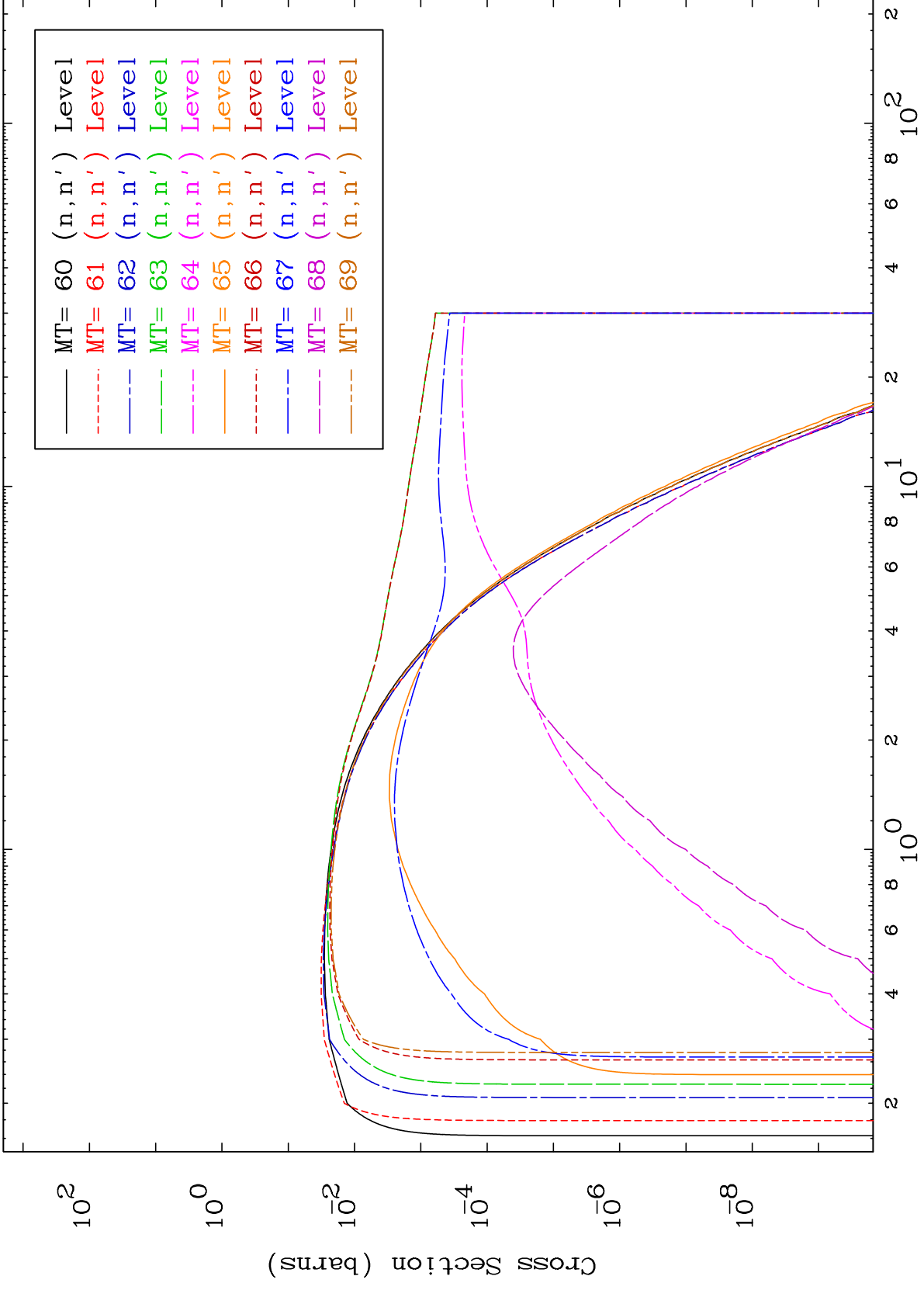
Particle Production
293 Kelvin Cross Sections

55-Cs-122





293 Kelvin Cross Sections

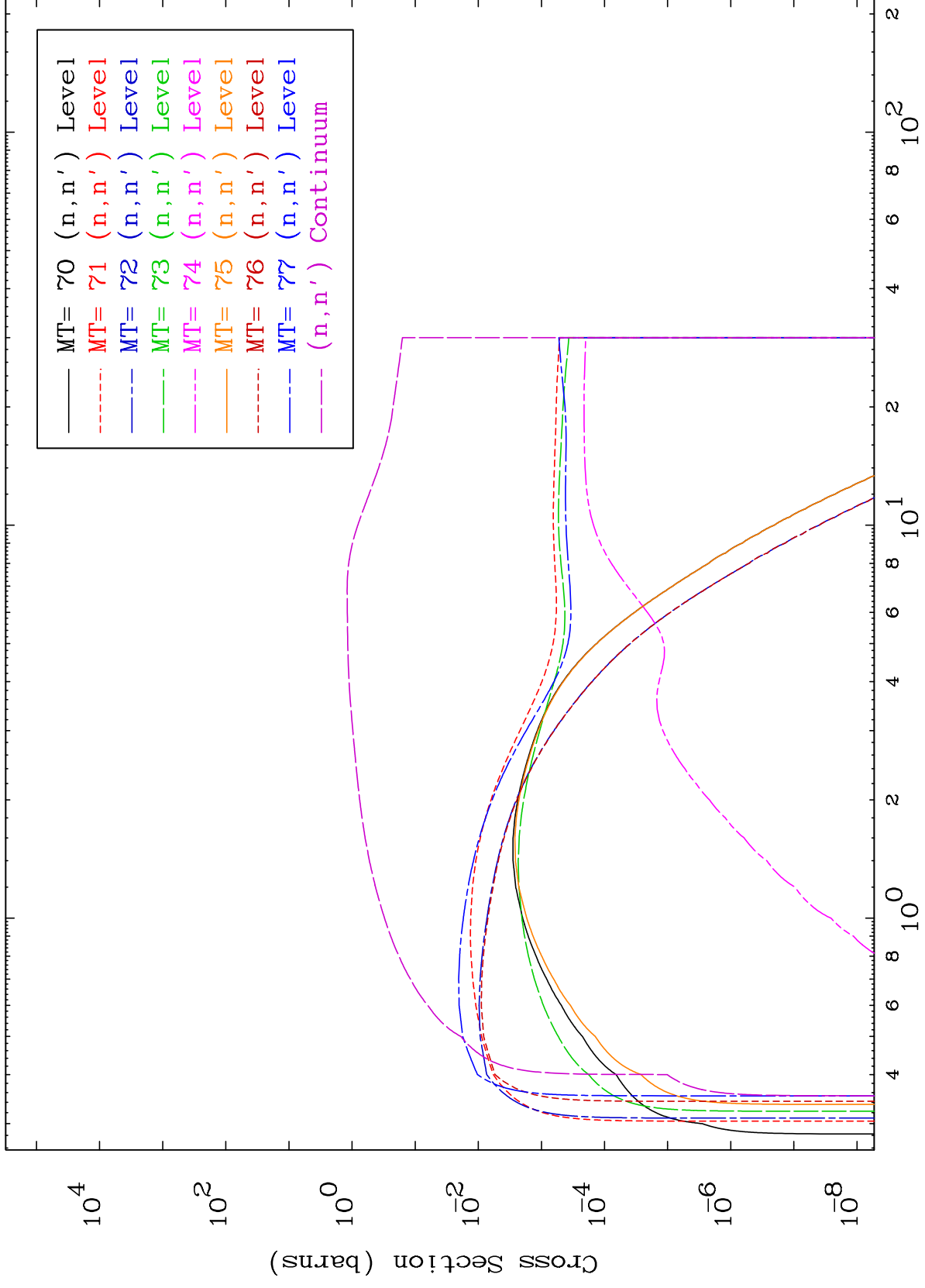


MAT 5492

(n,n') Level

293 Kelvin Cross Sections

55-Cs-122



10

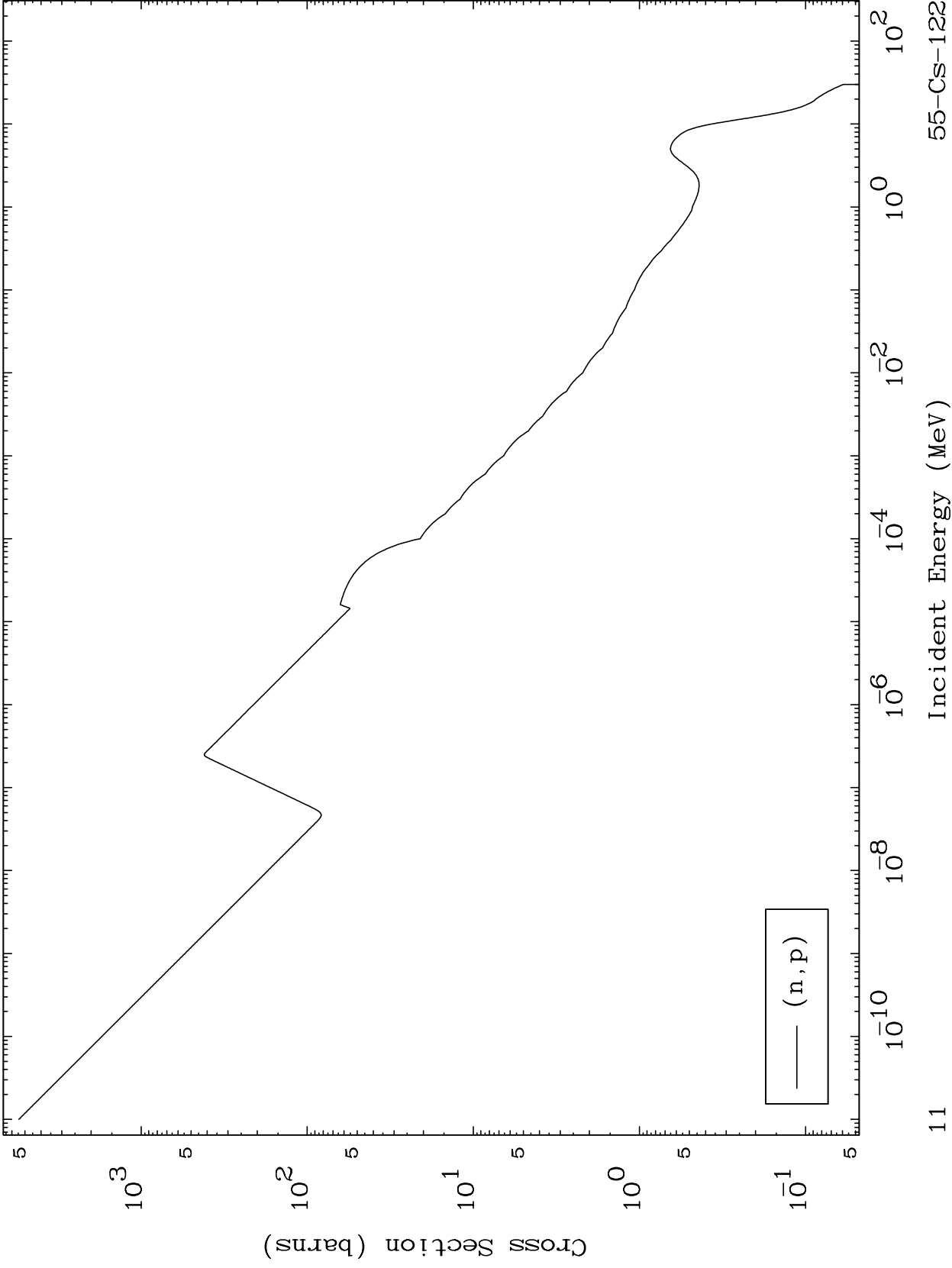
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,p) Levels
293 Kelvin Cross Sections

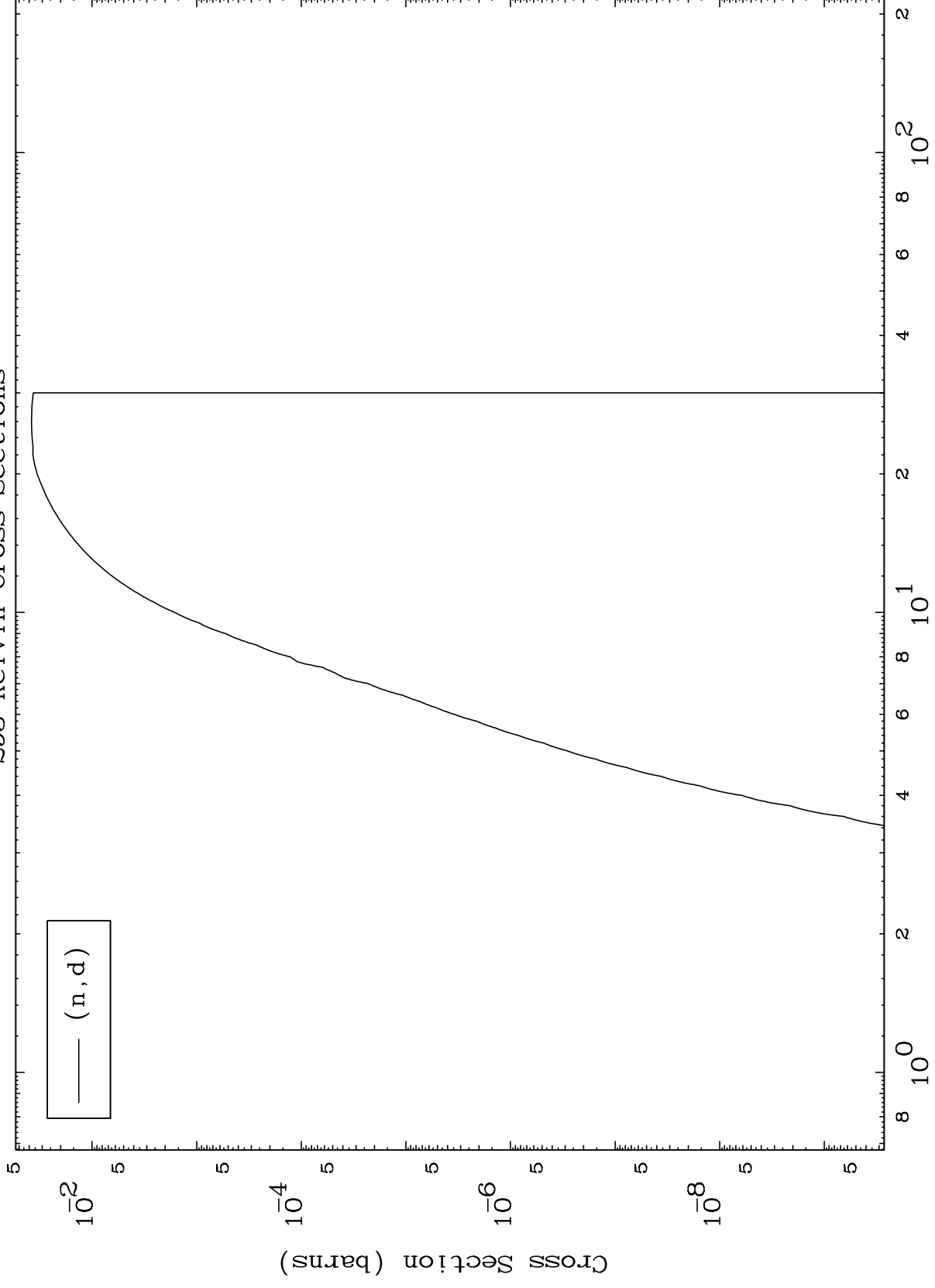
55-Cs-122



MAT 5492

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-122



(n,d)

12

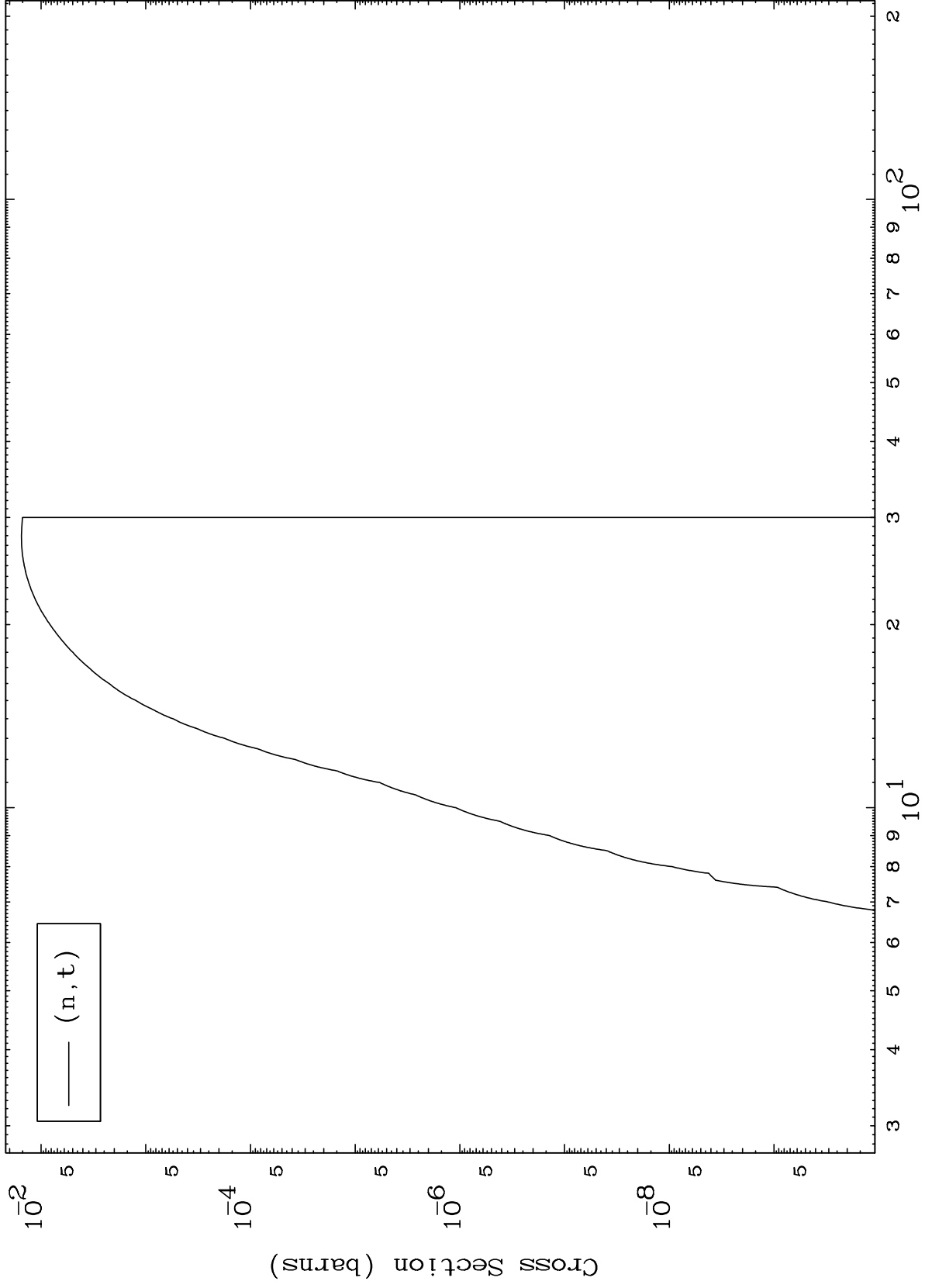
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-122



13

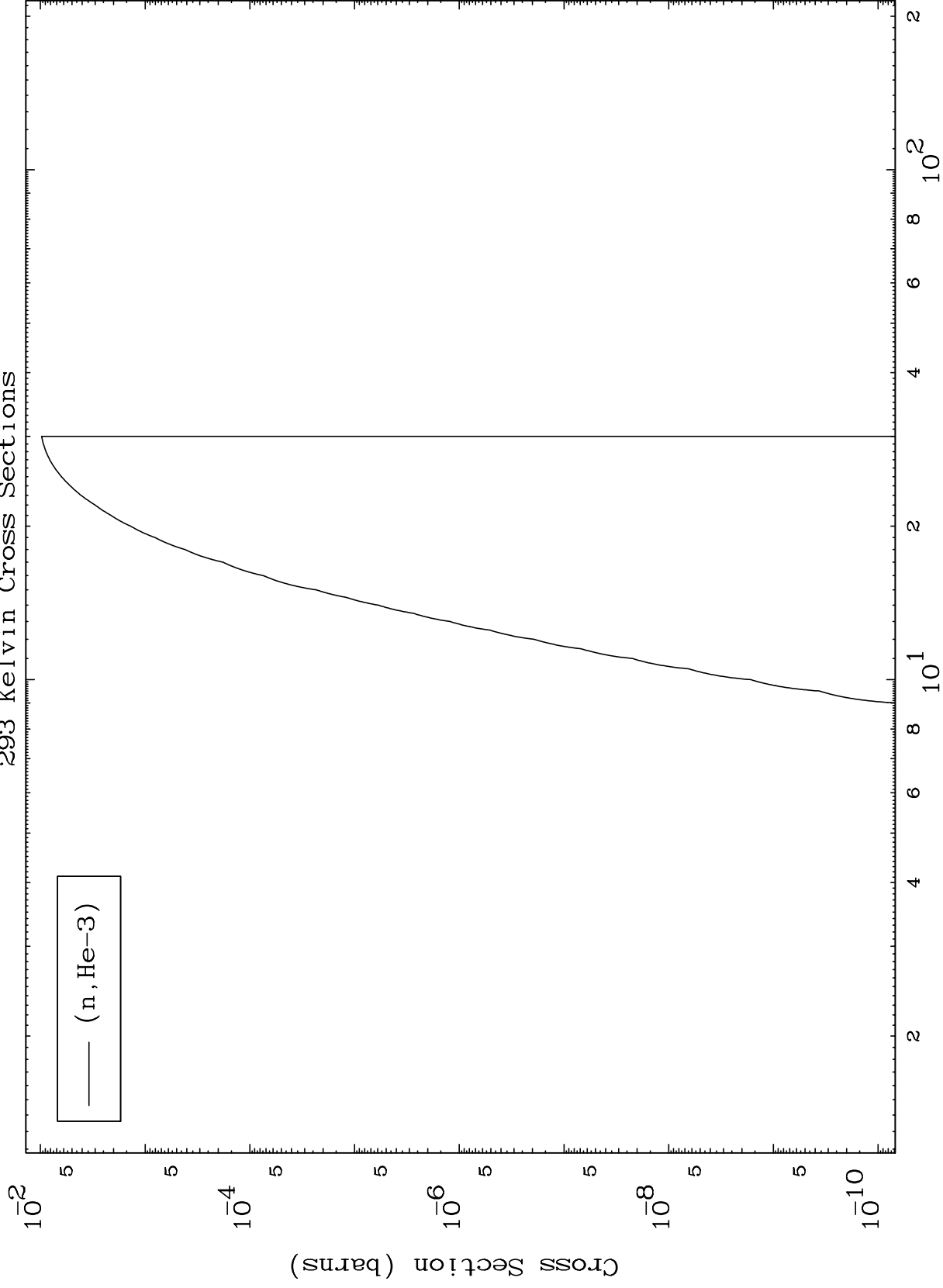
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-122



14

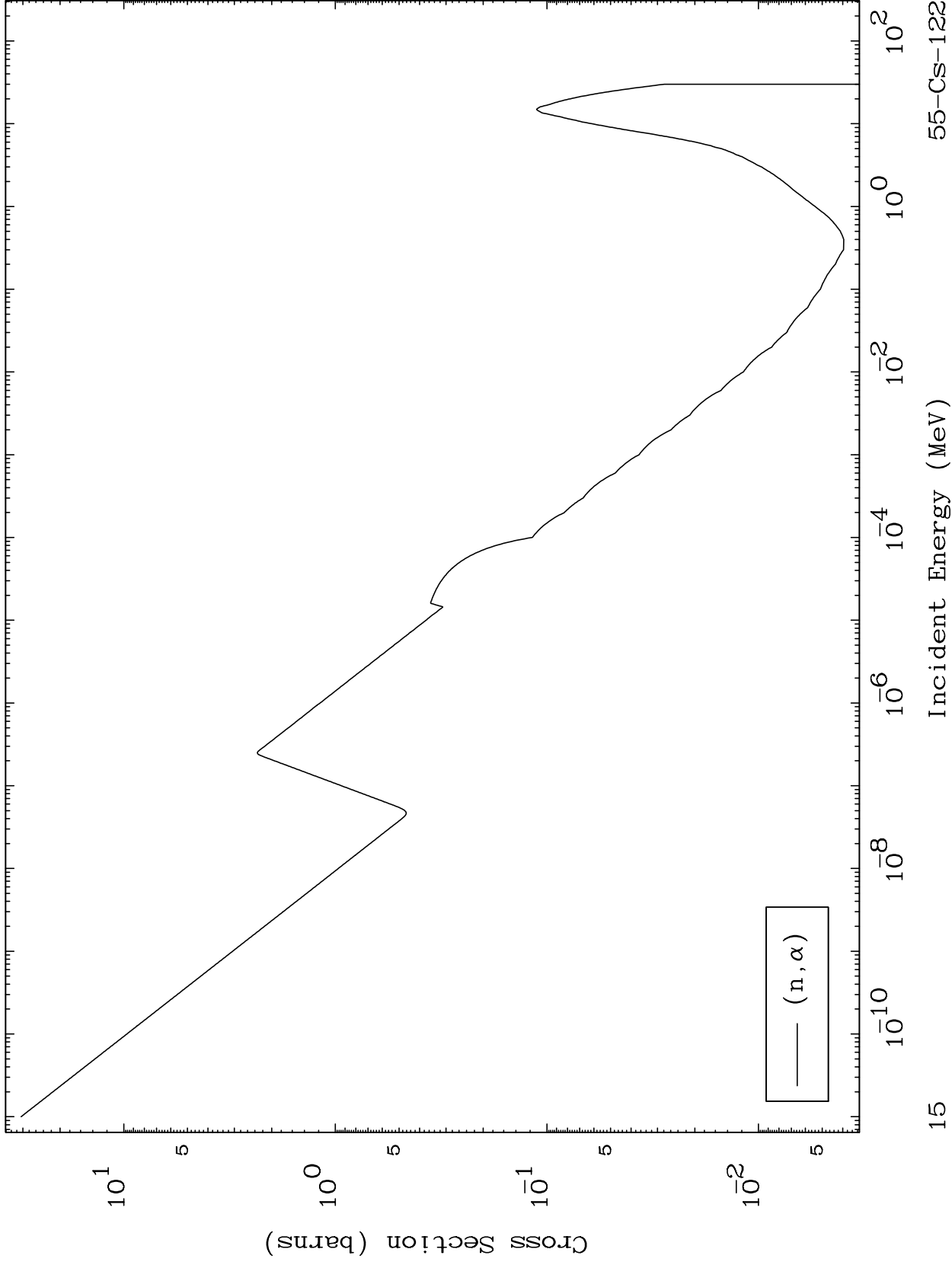
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n, α) Levels
293 Kelvin Cross Sections

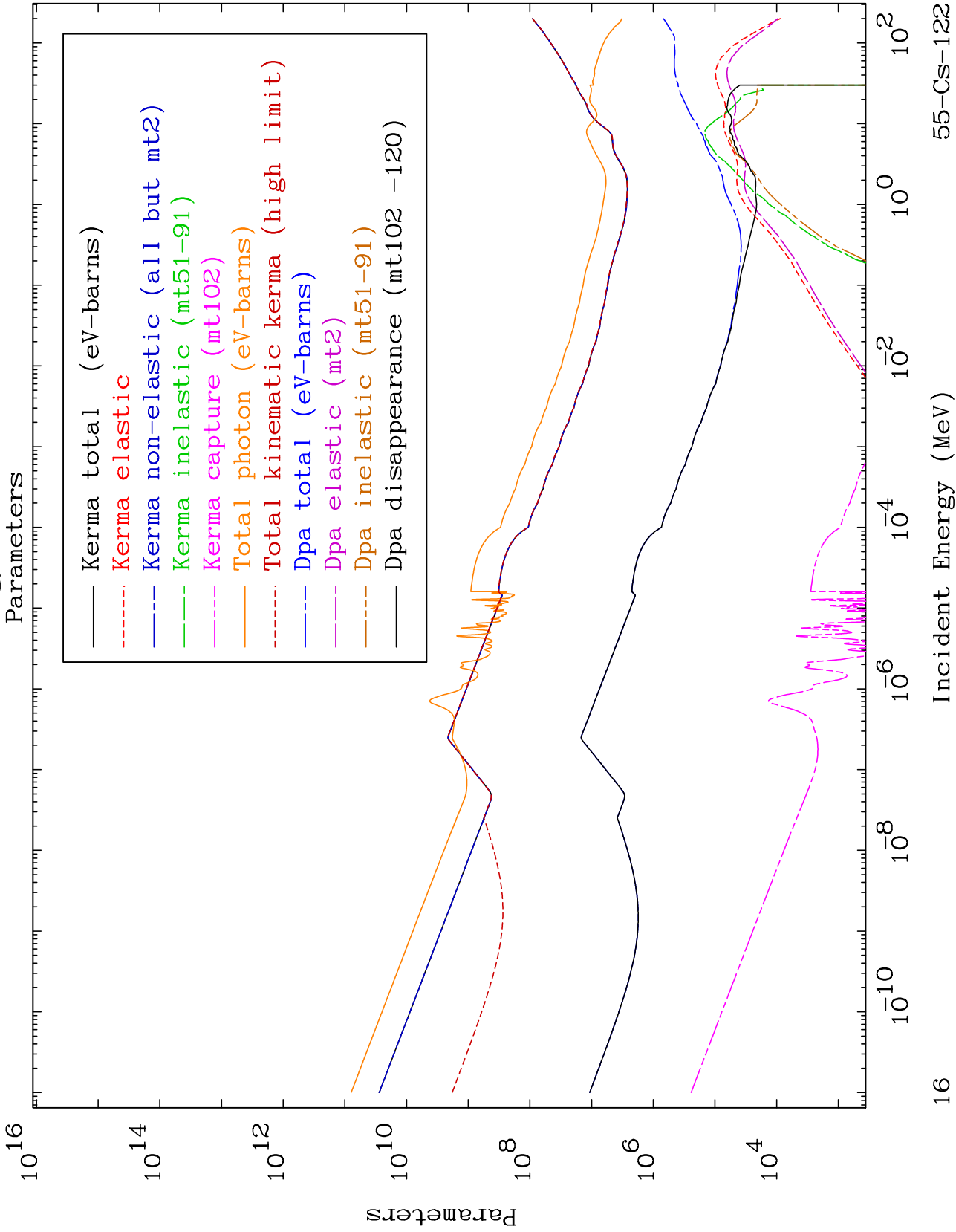
55-Cs-122



15

Incident Energy (MeV)

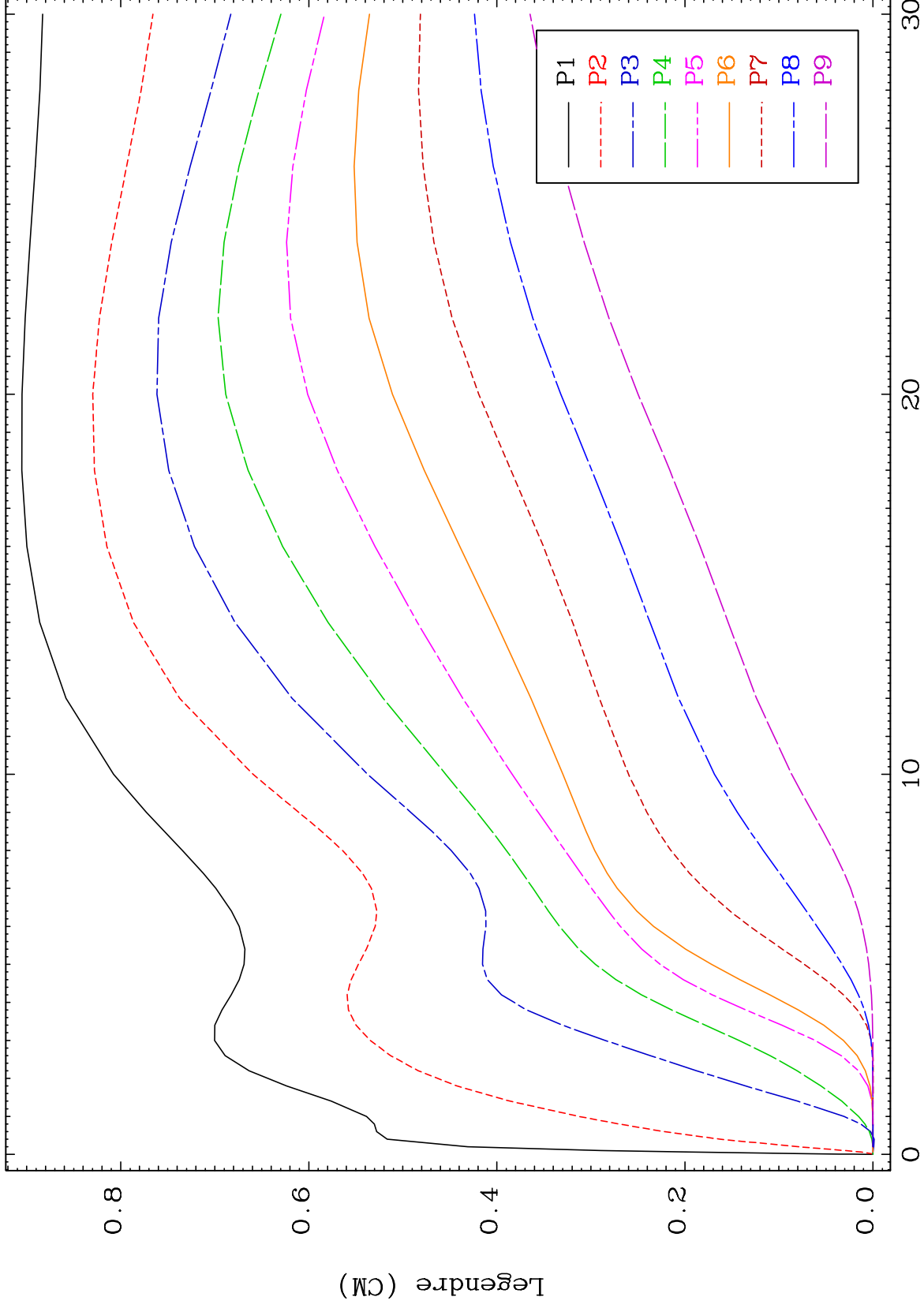
55-Cs-122



MAT 5492

Elastic Legendre Coefficients

55-Cs-122



17

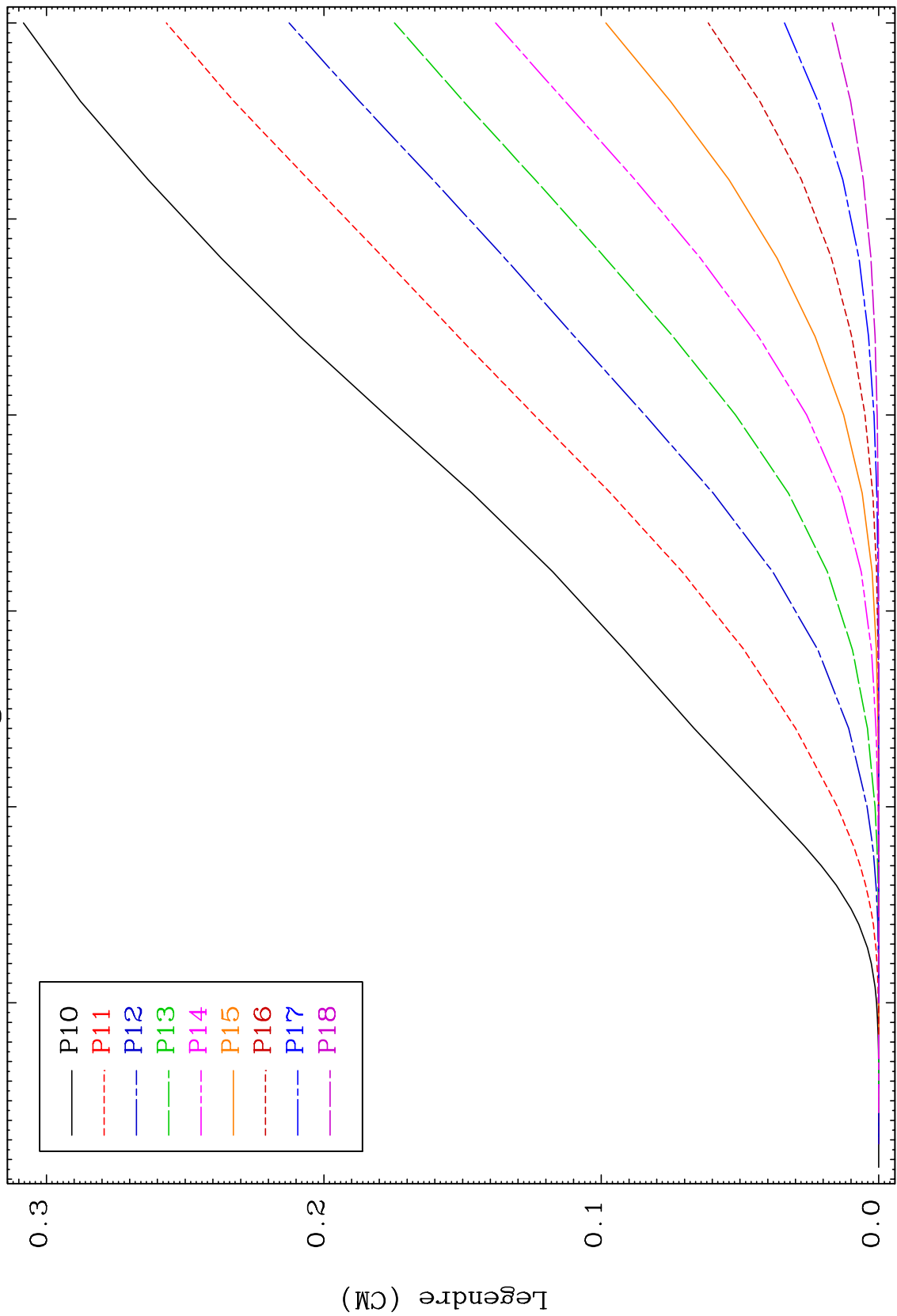
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



18

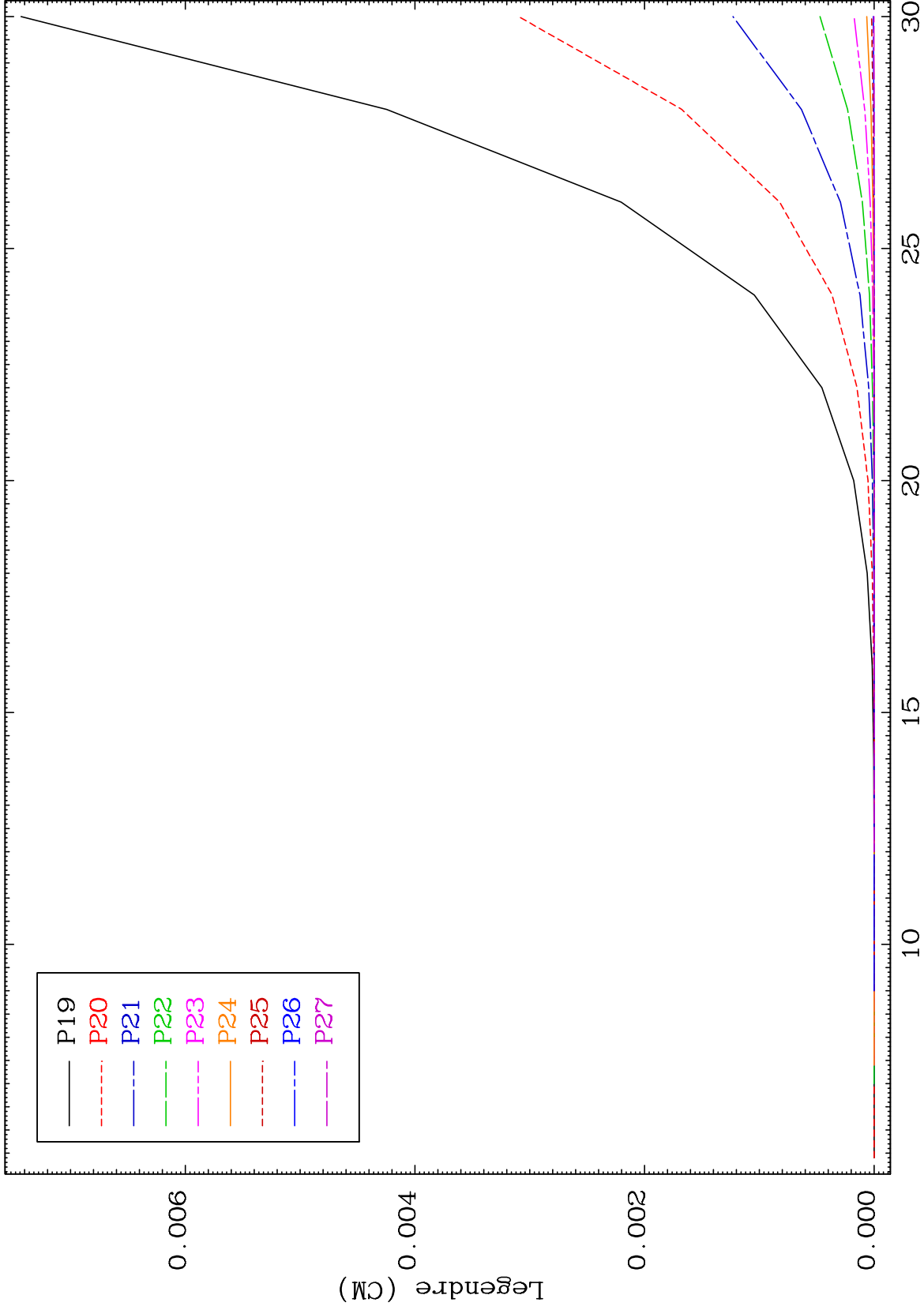
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



19

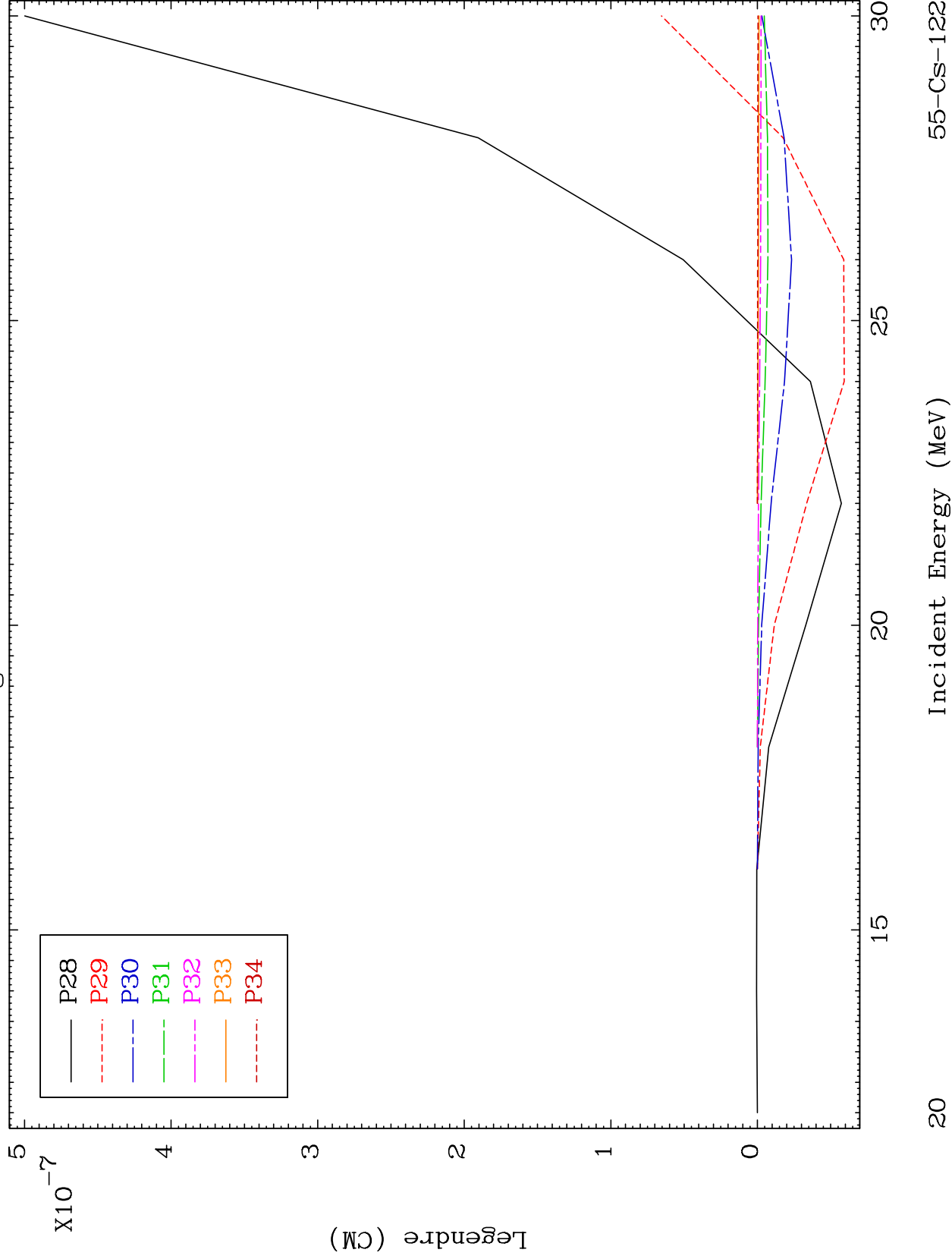
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

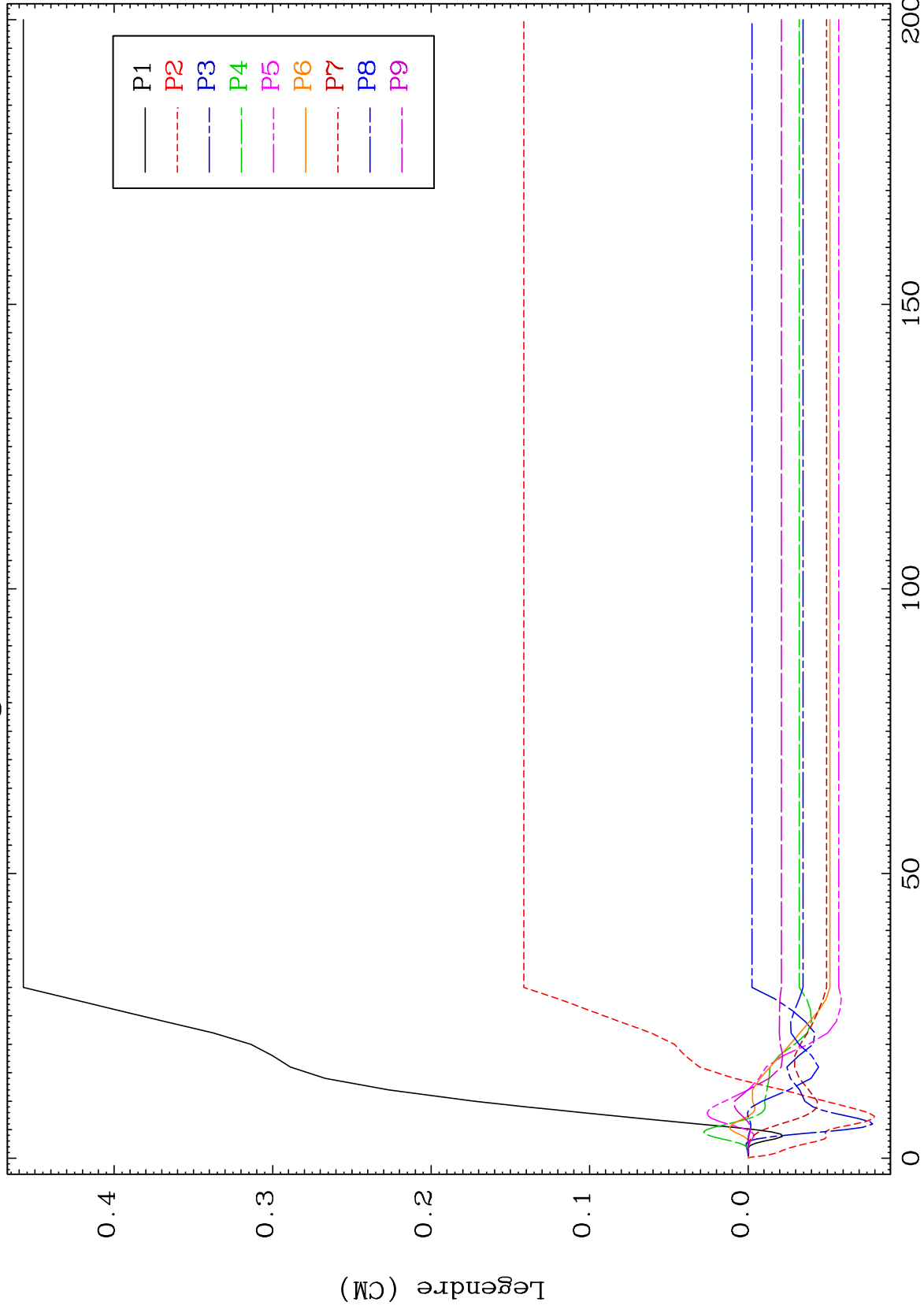
55-Cs-122



MAT 5492

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

55-Cs-122



21

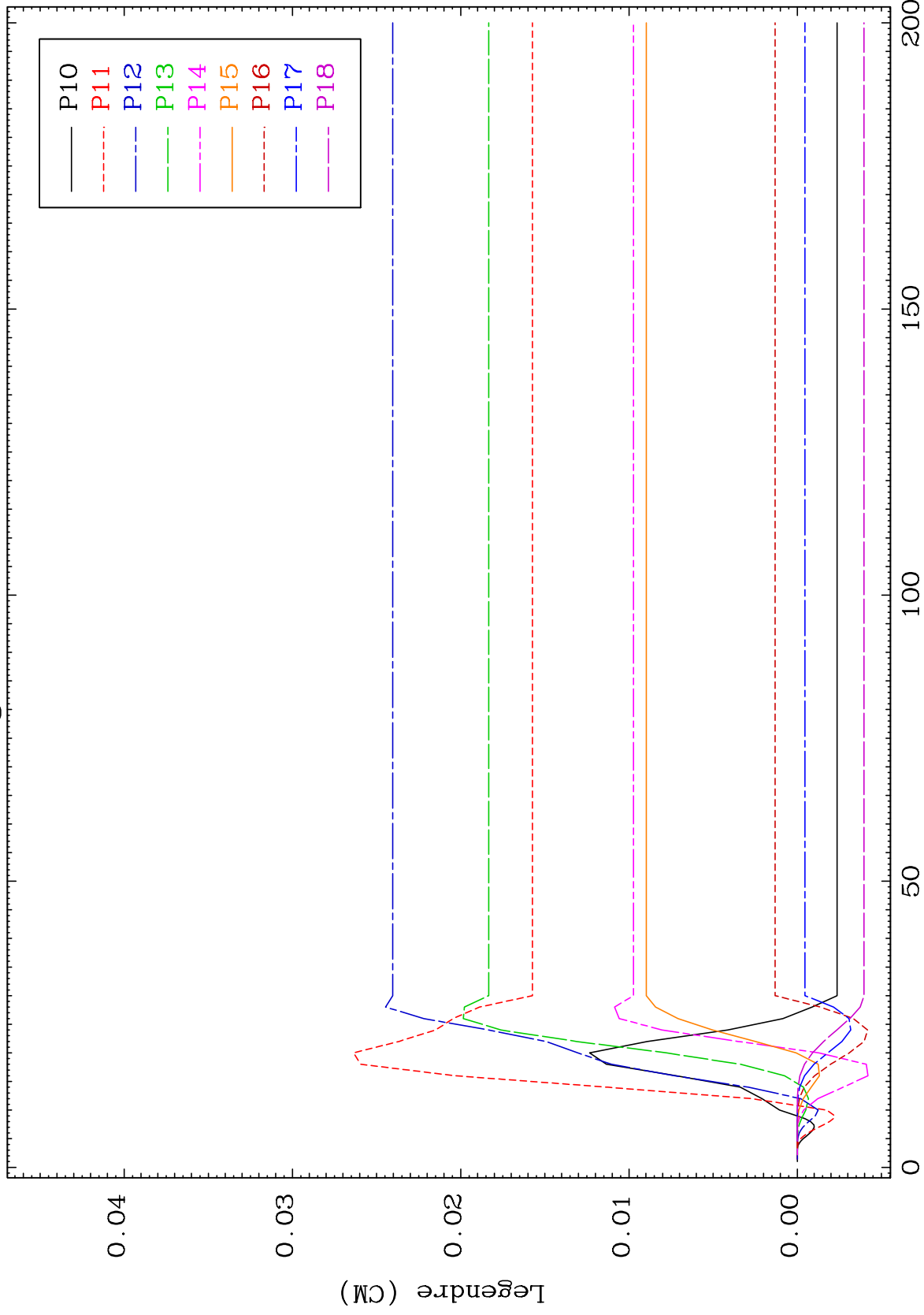
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



22

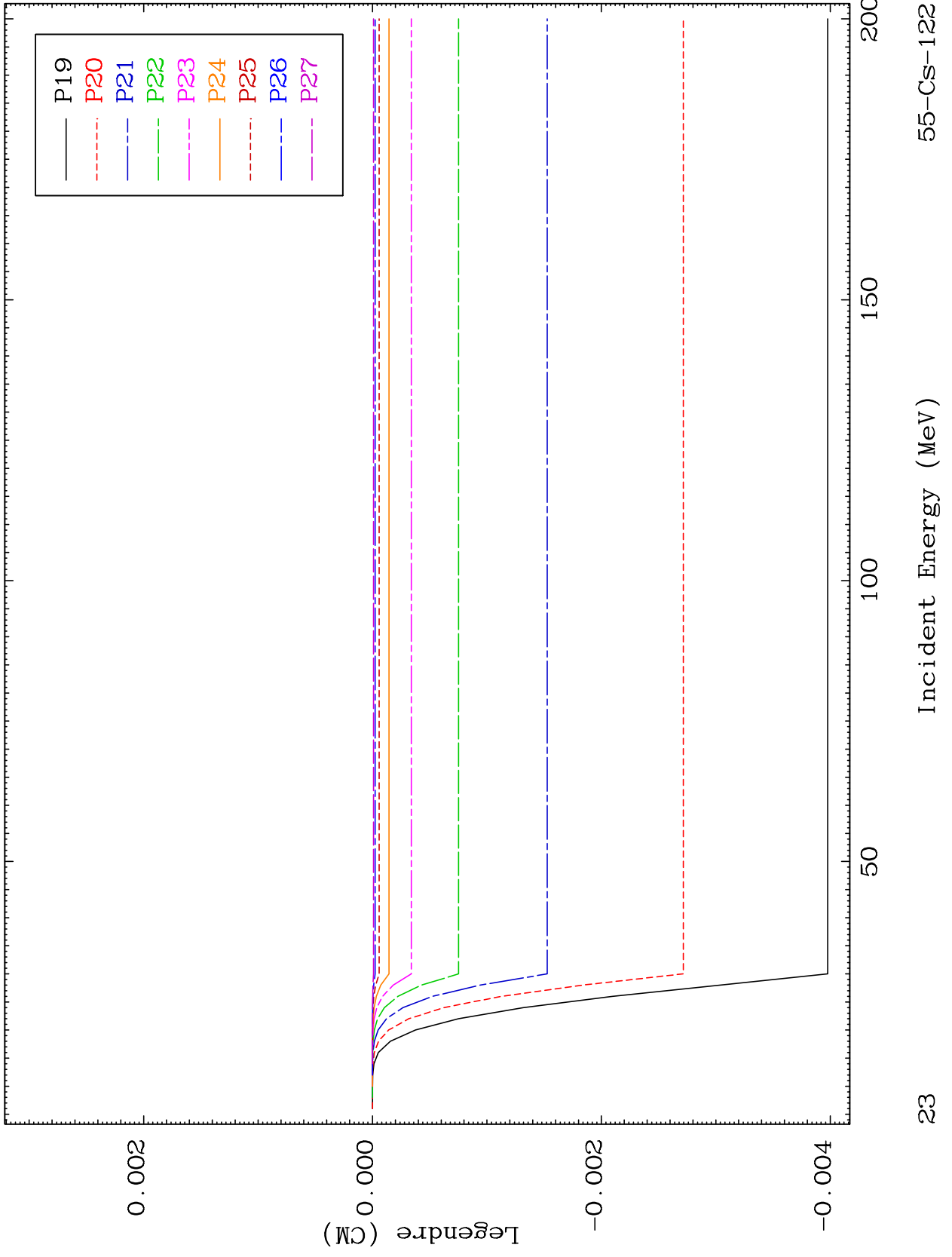
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



23

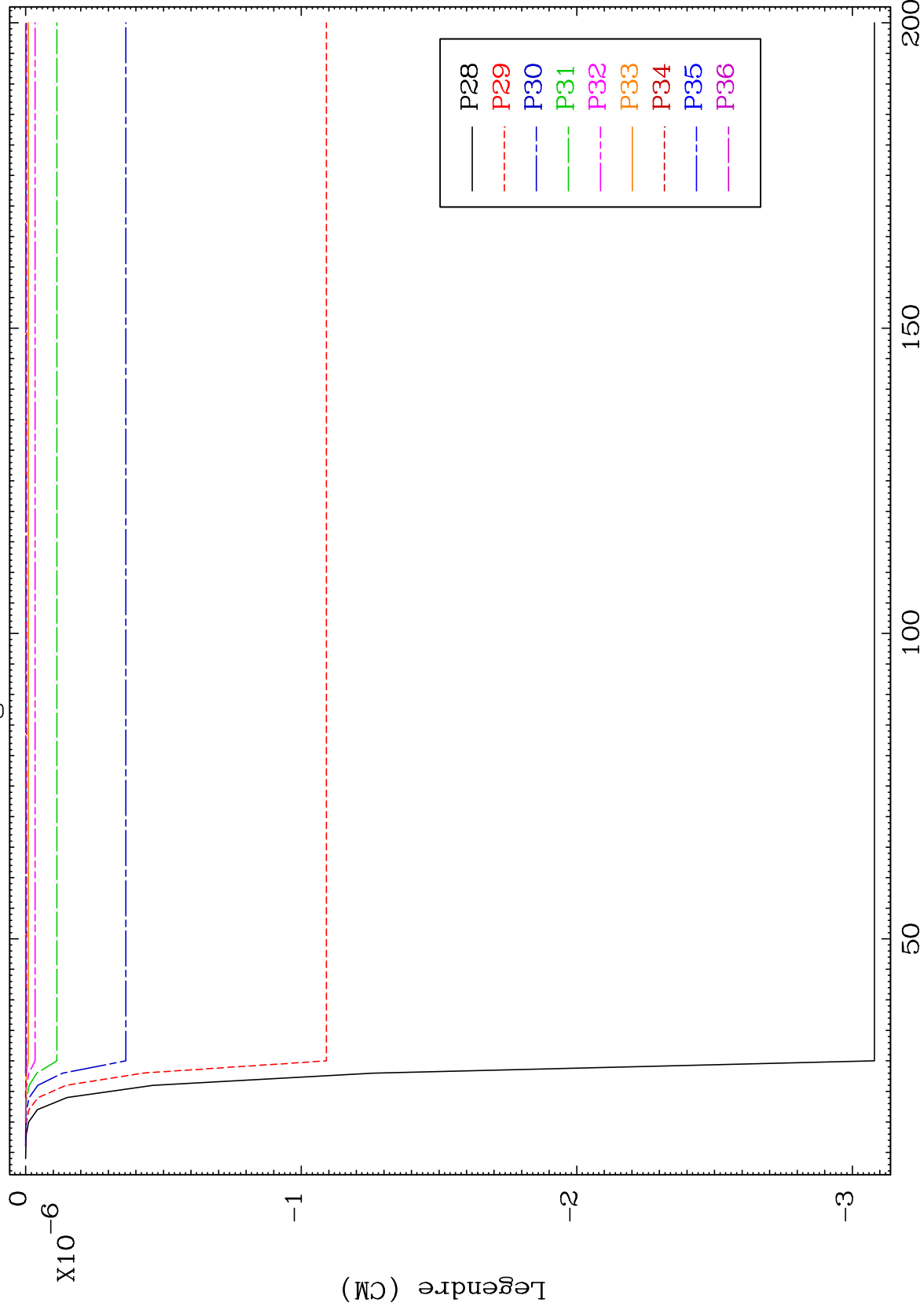
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

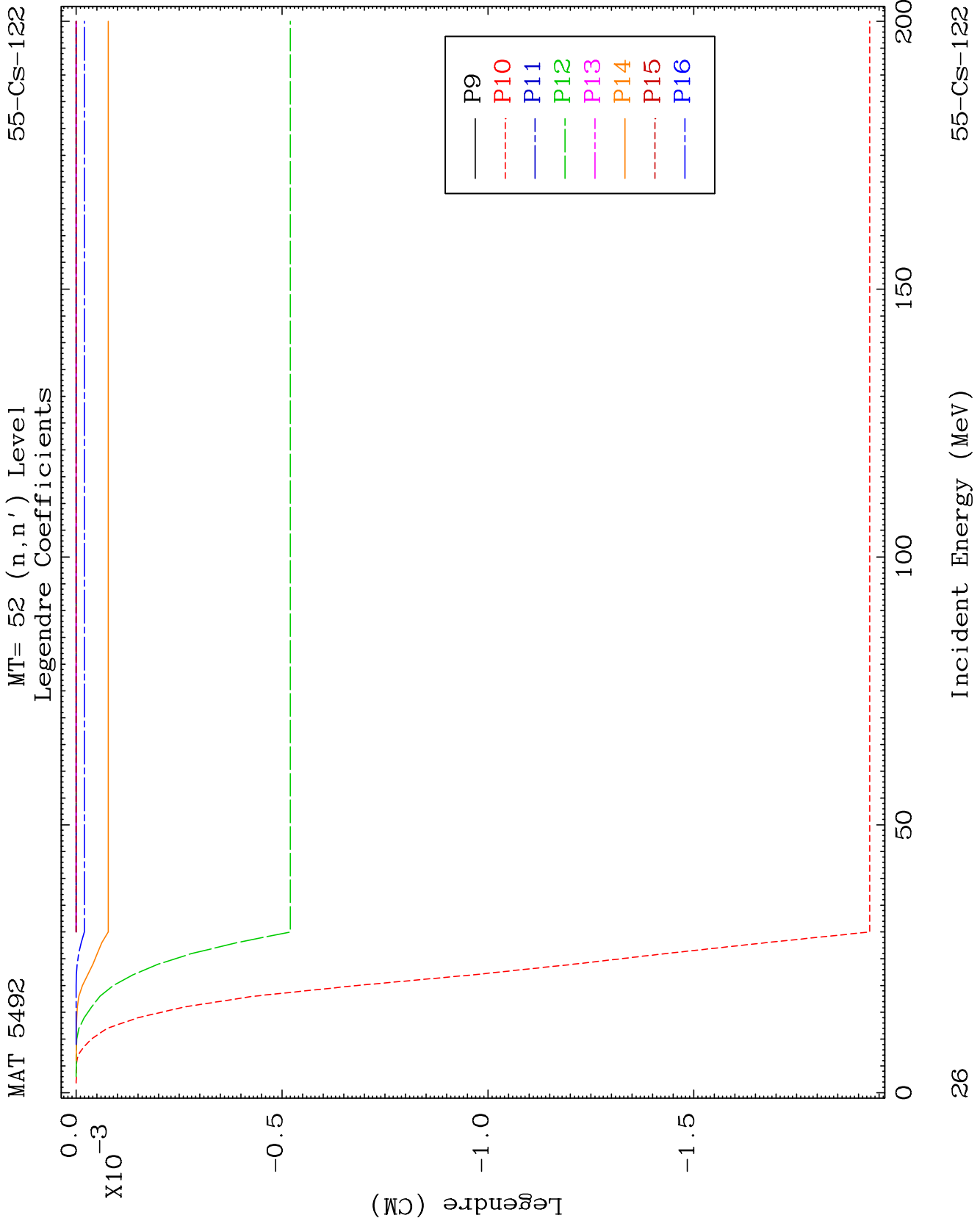
55-Cs-122



24

Incident Energy (MeV)

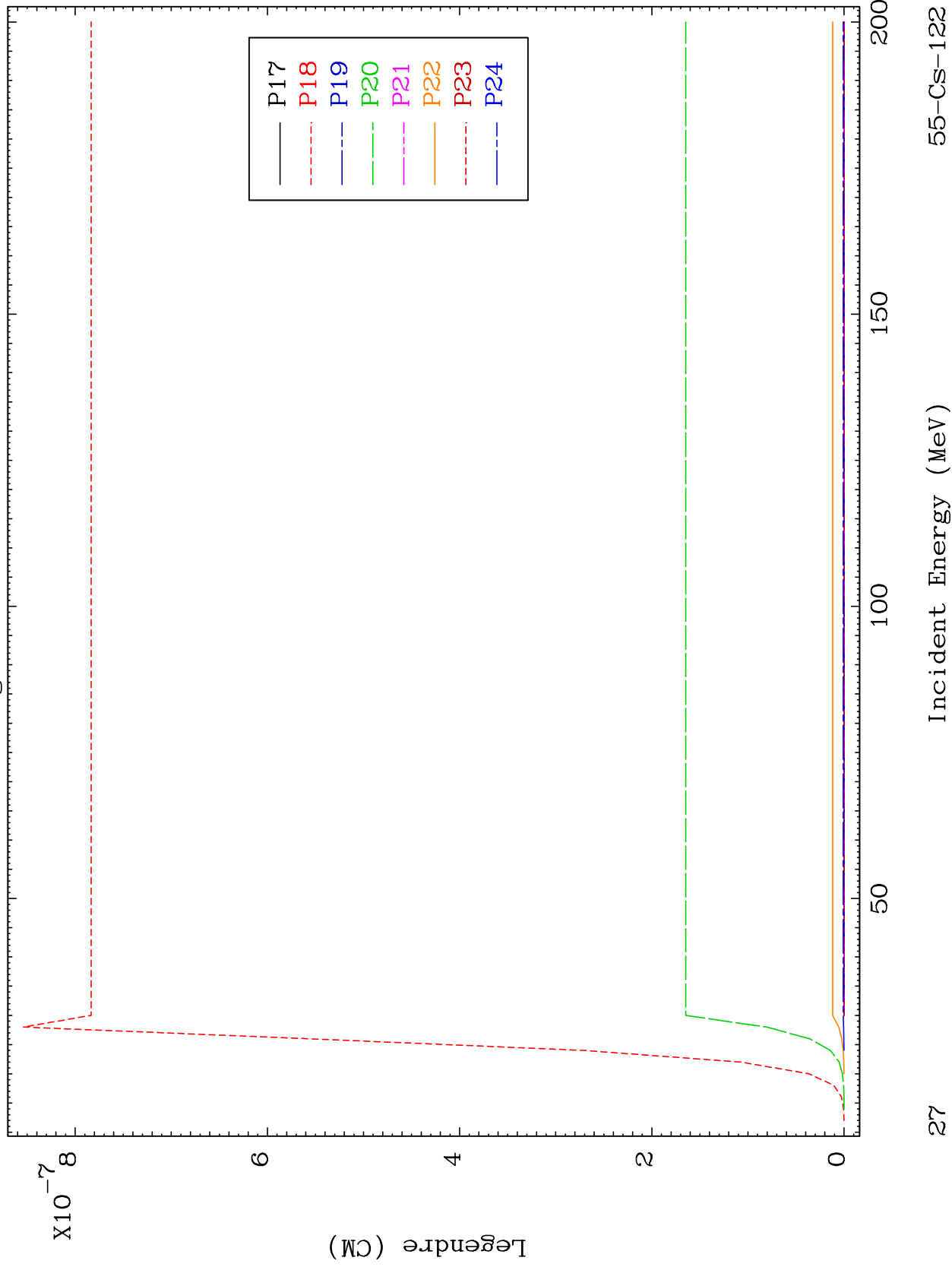
55-Cs-122



MAT 5492

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

55-Cs-122



27

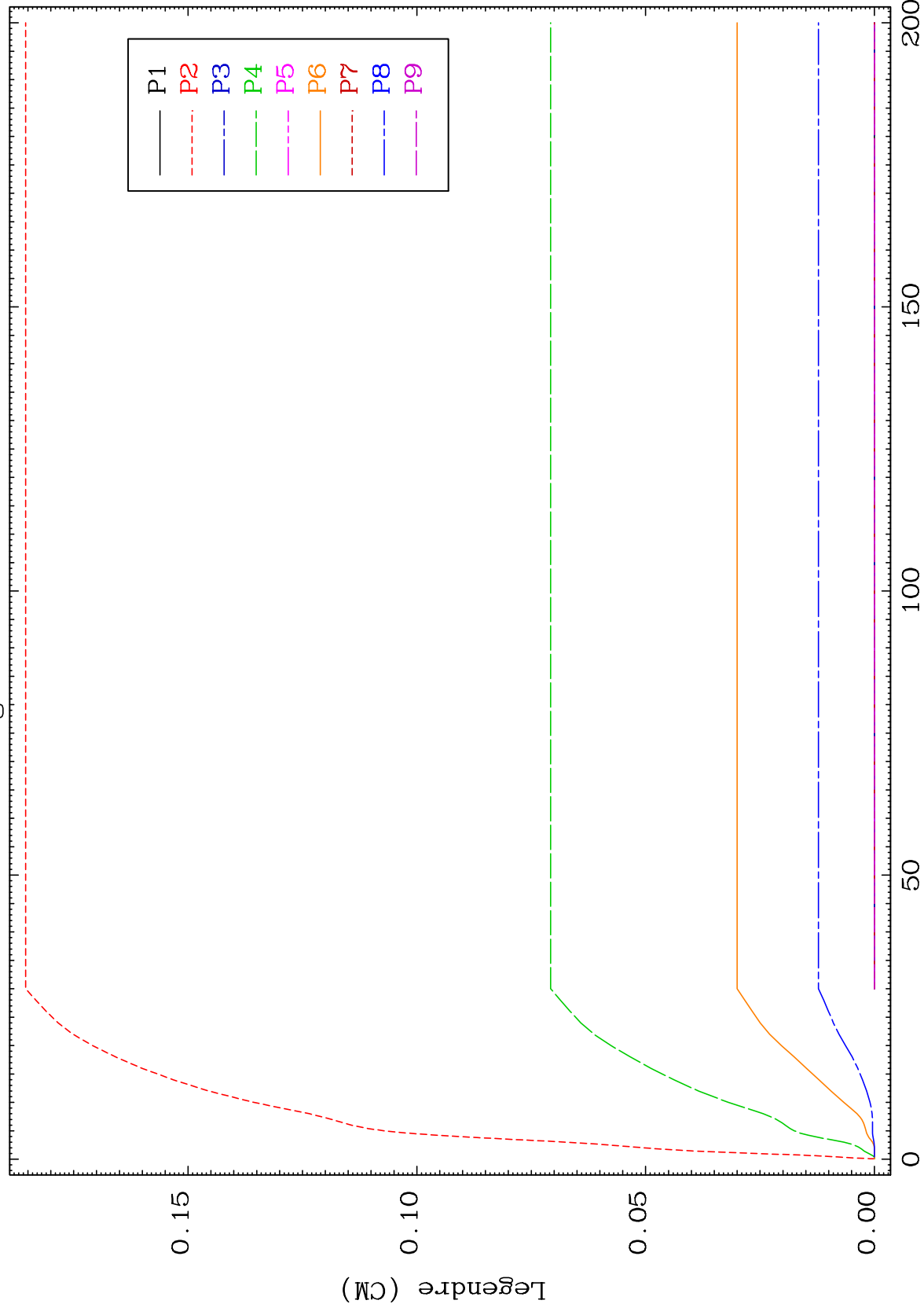
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



28

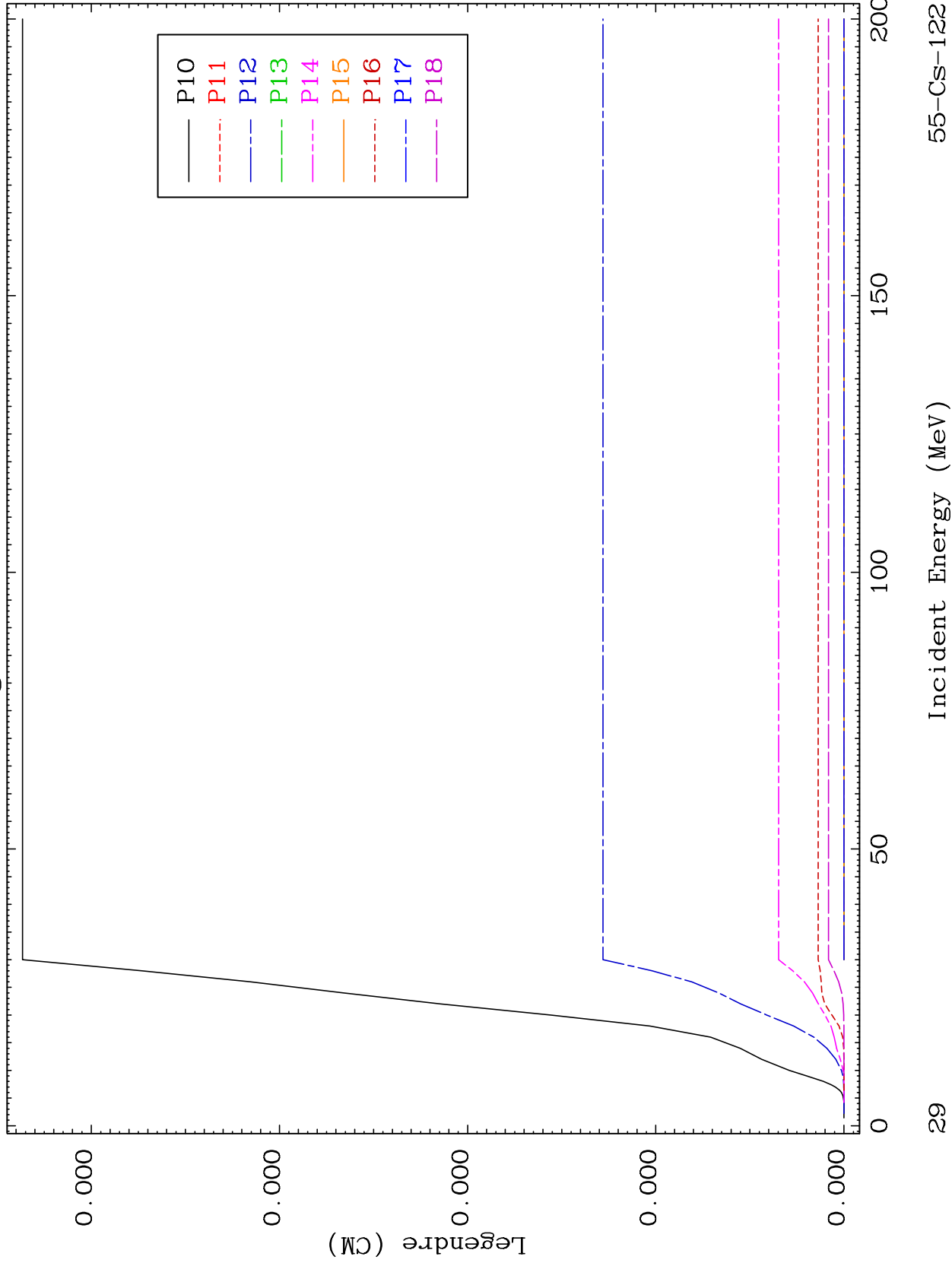
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

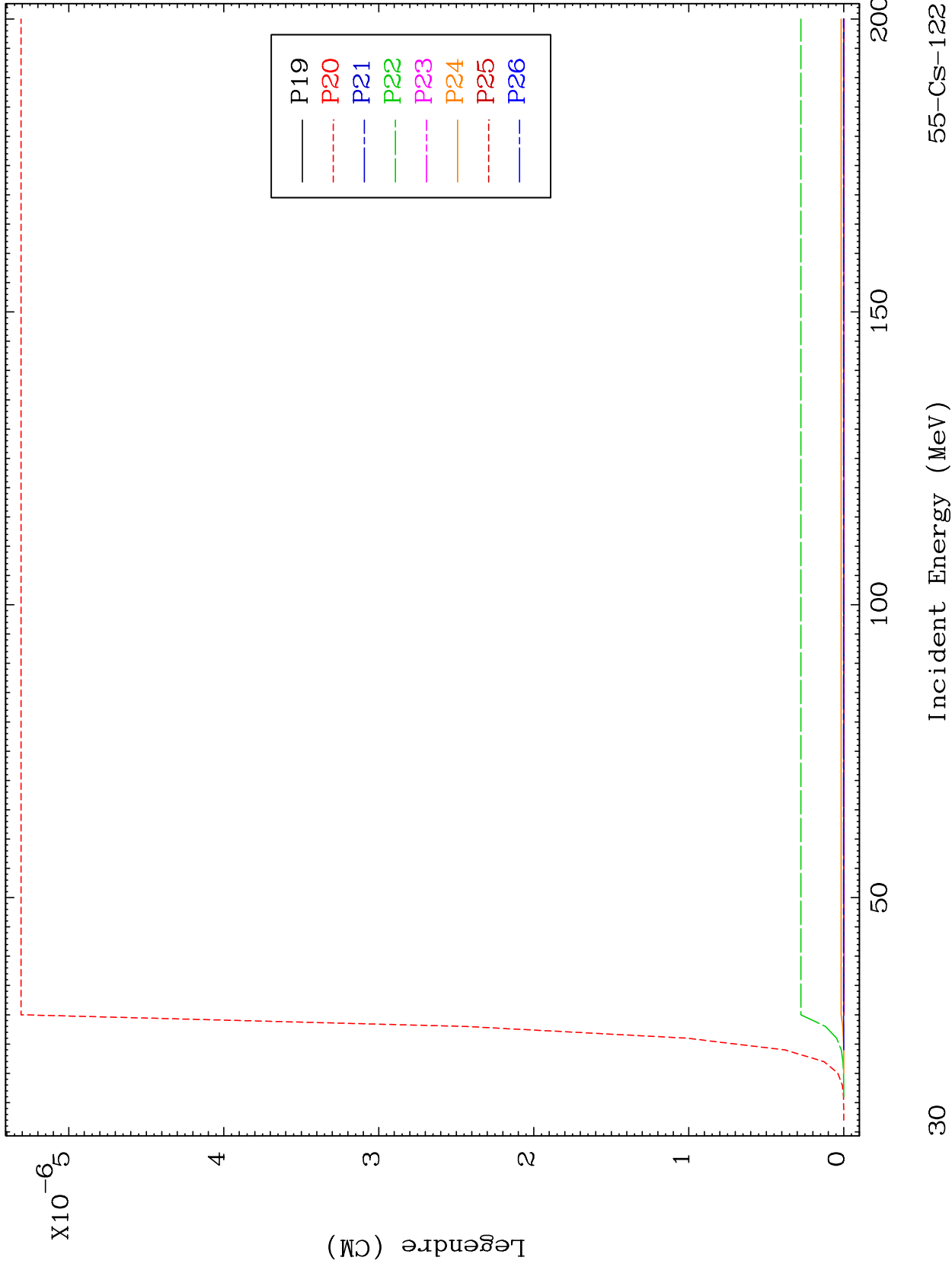
Incident Energy (MeV)

29

MAT 5492

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

55-Cs-122



55-Cs-122

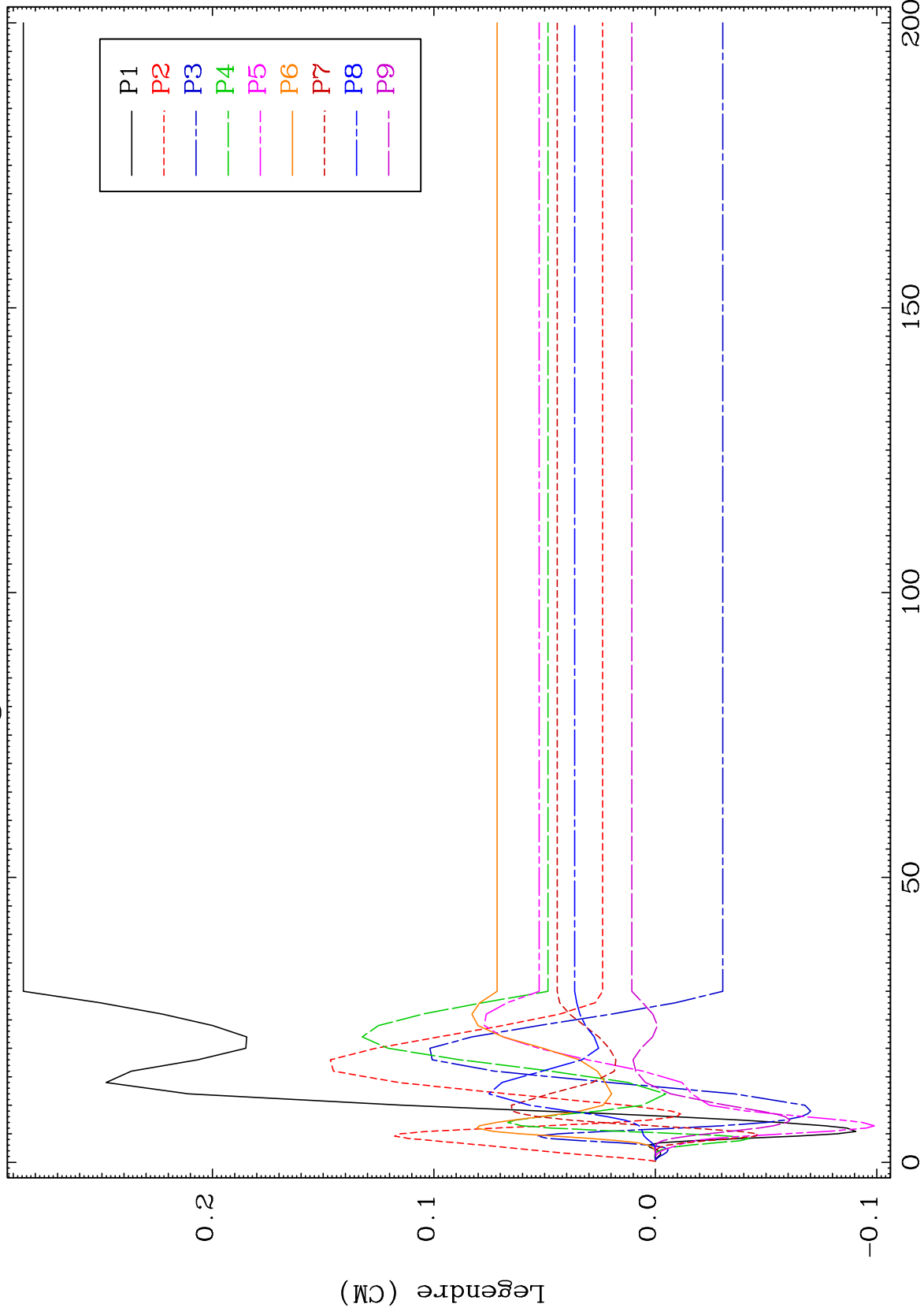
Incident Energy (MeV)

30

MAT 5492

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

55-Cs-122



31

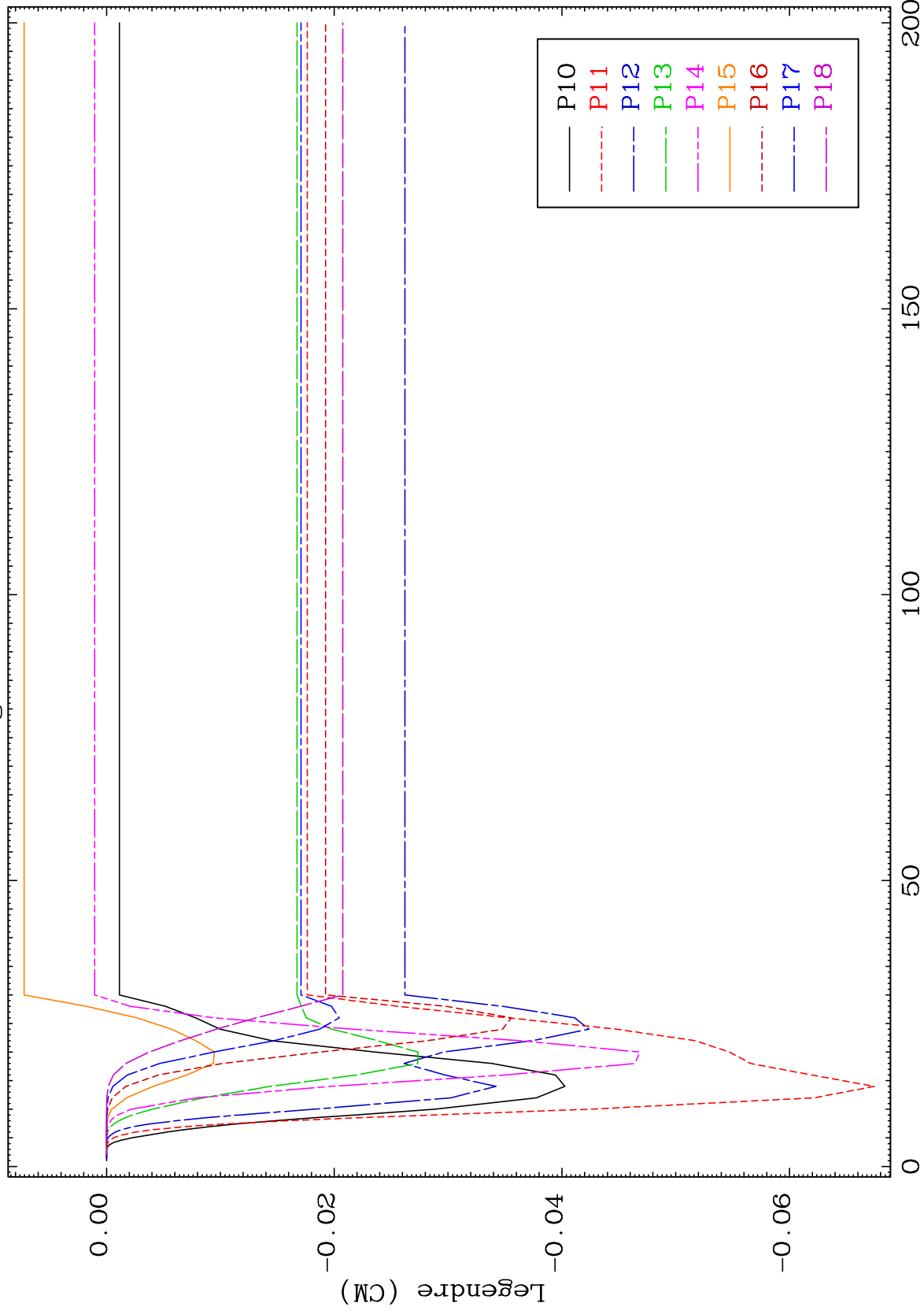
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

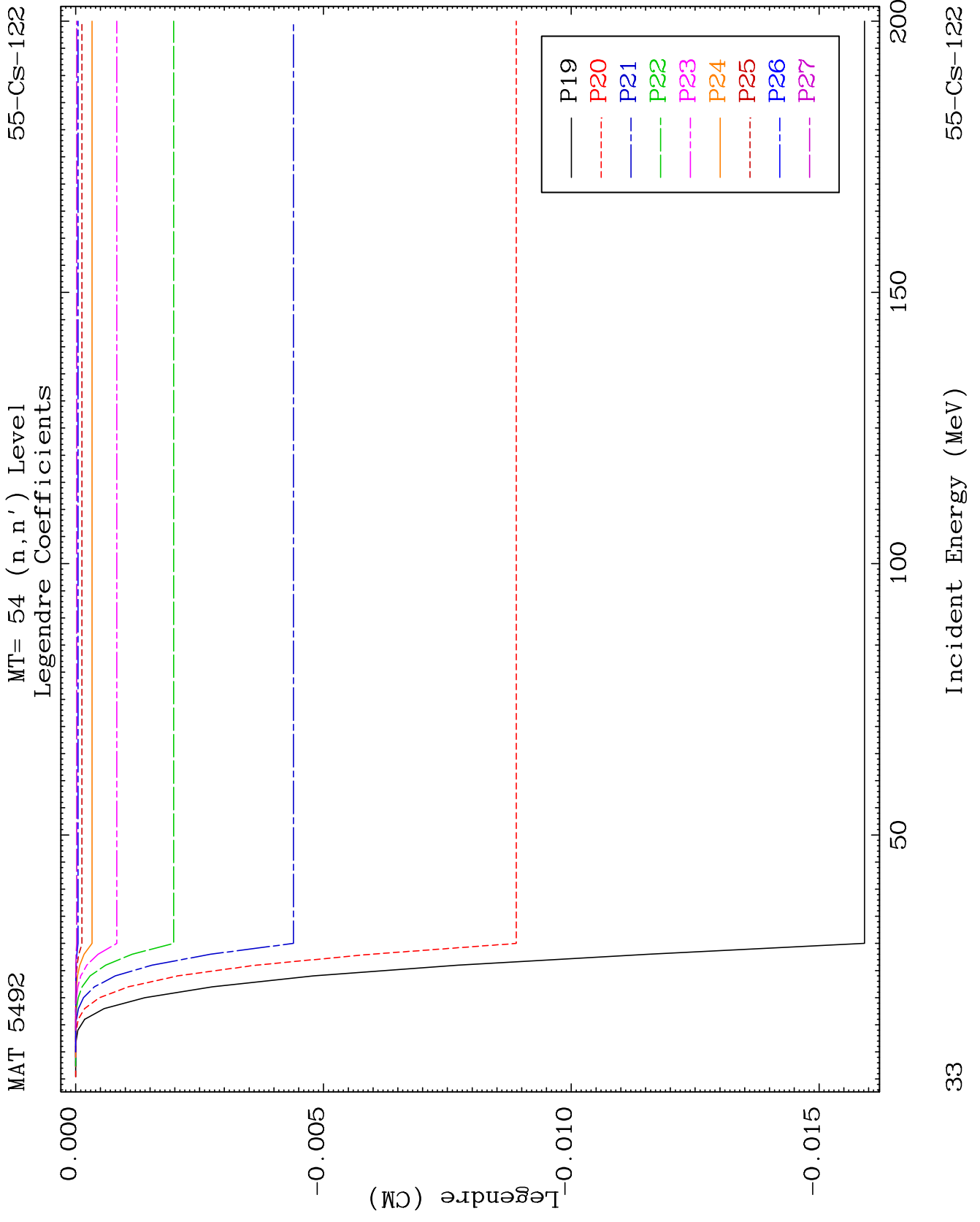
55-Cs-122



32

Incident Energy (MeV)

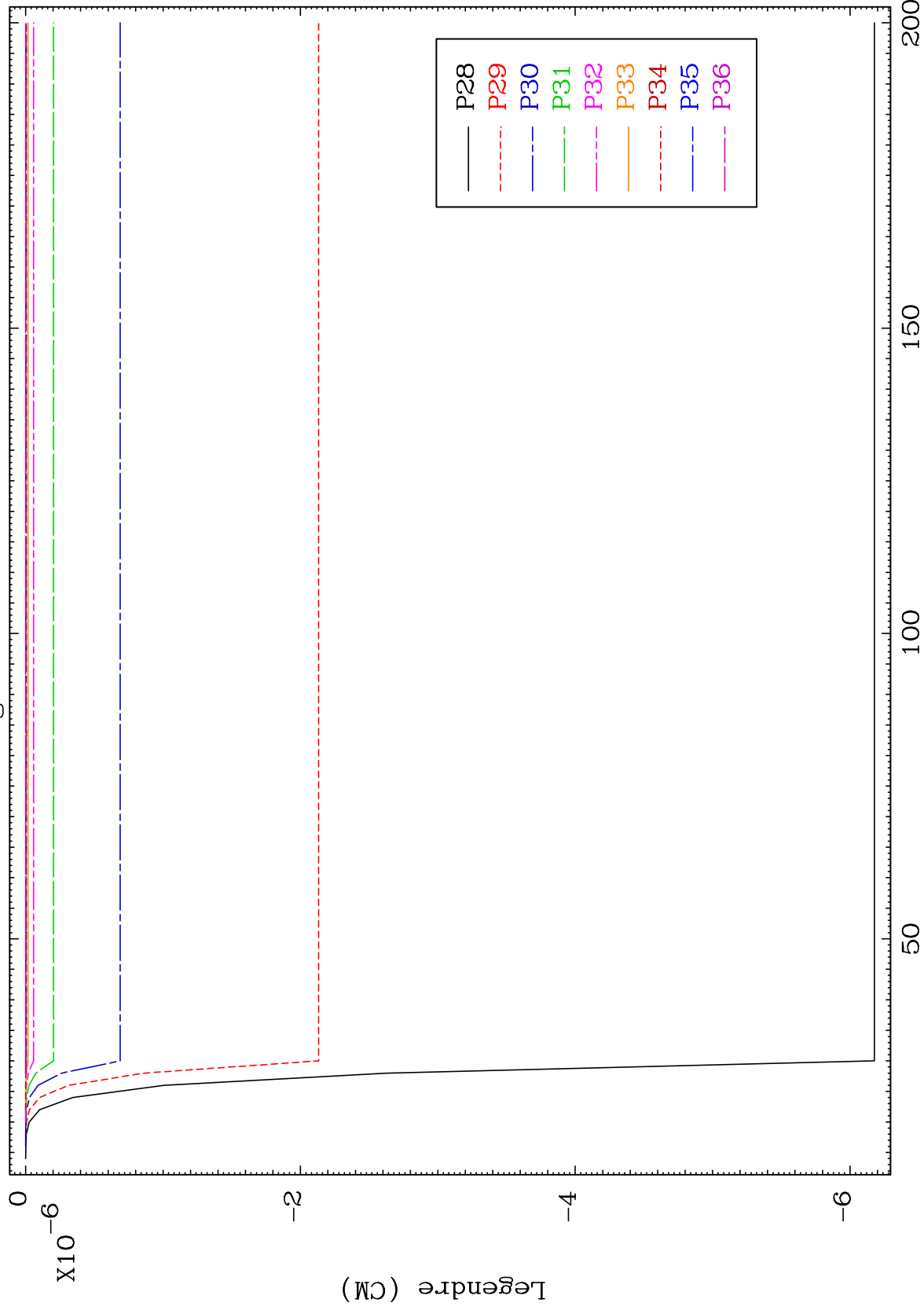
55-Cs-122



MAT 5492

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

55-Cs-122



34

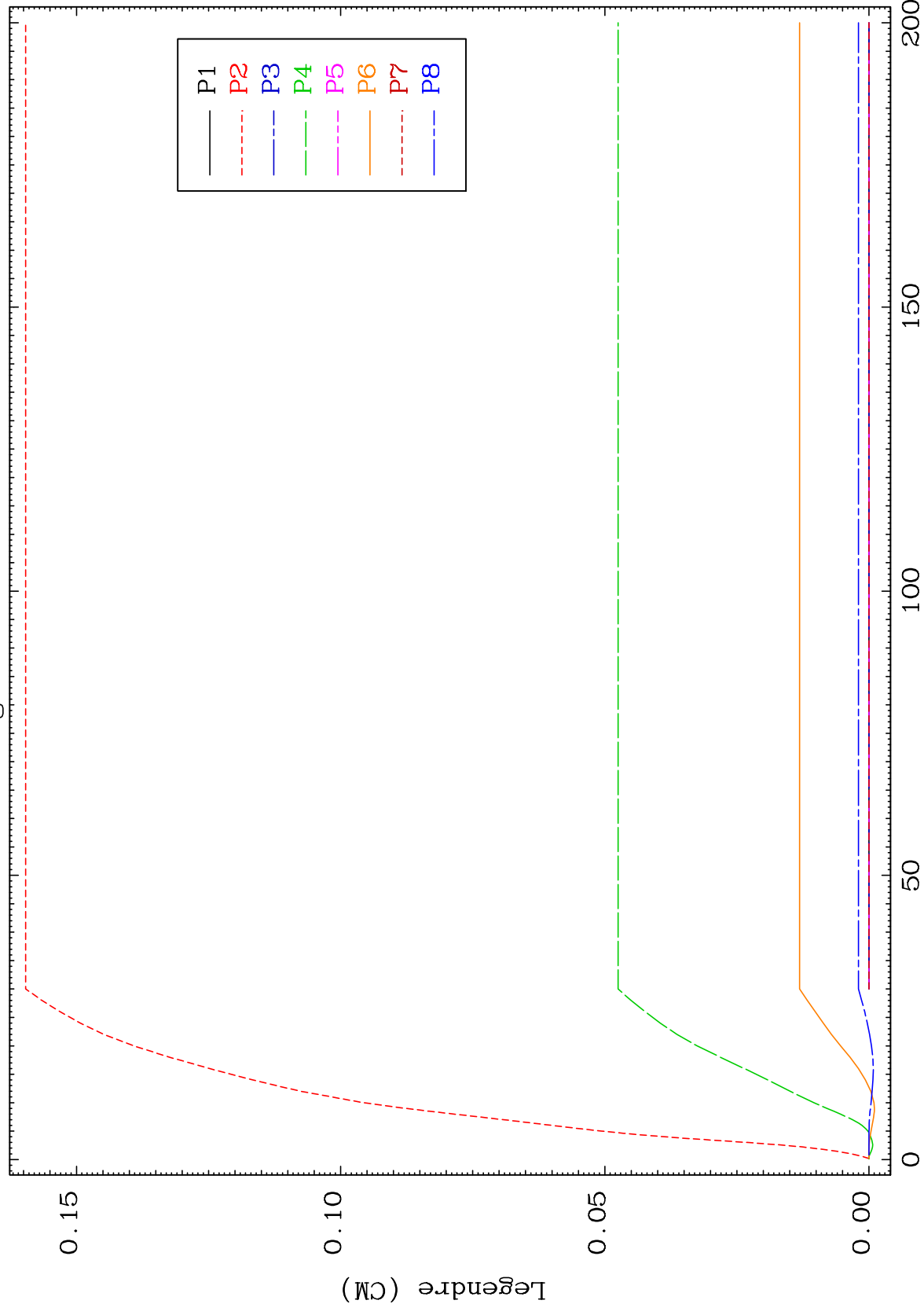
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

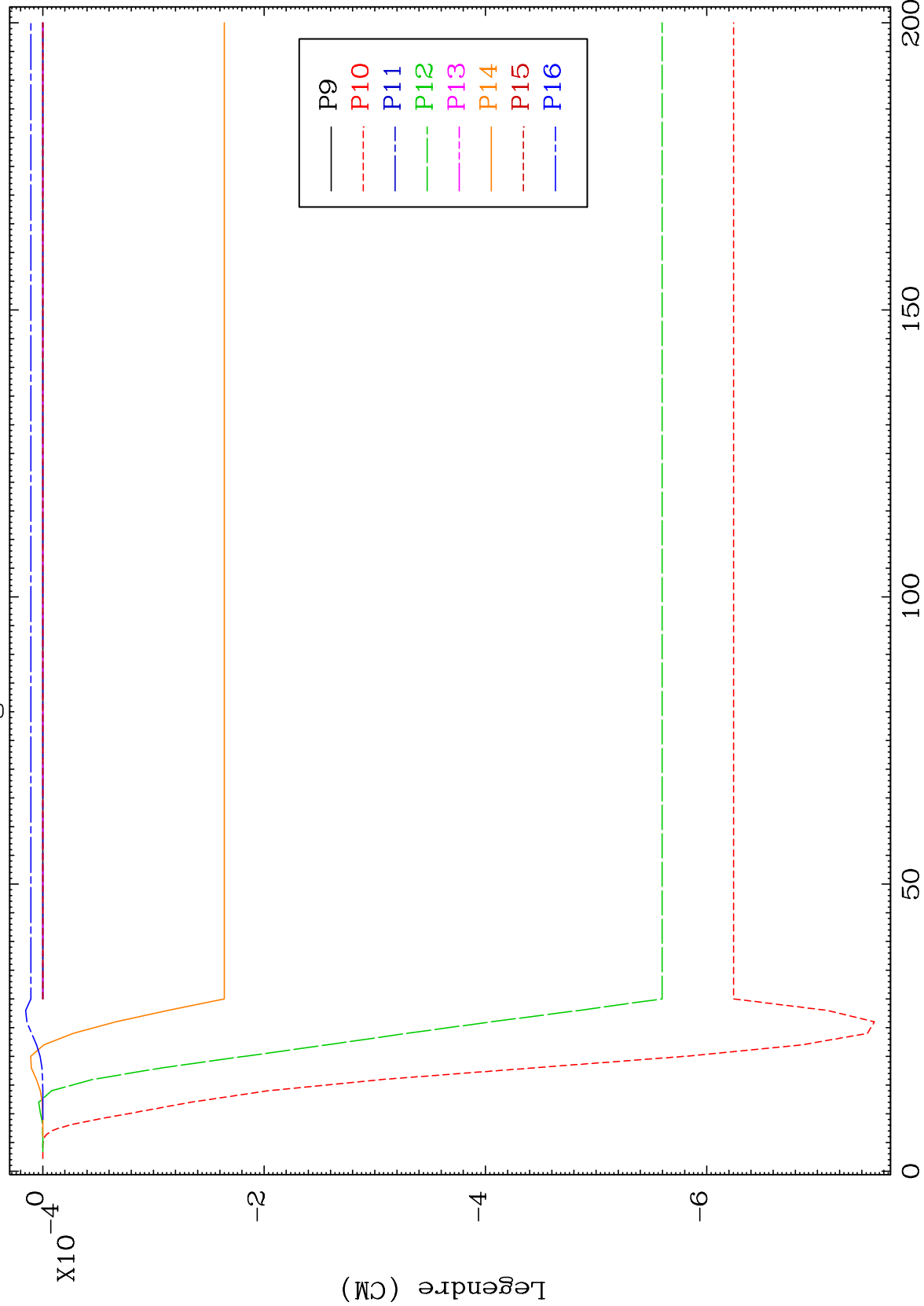
Incident Energy (MeV)

35

MAT 5492

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

55-Cs-122



36

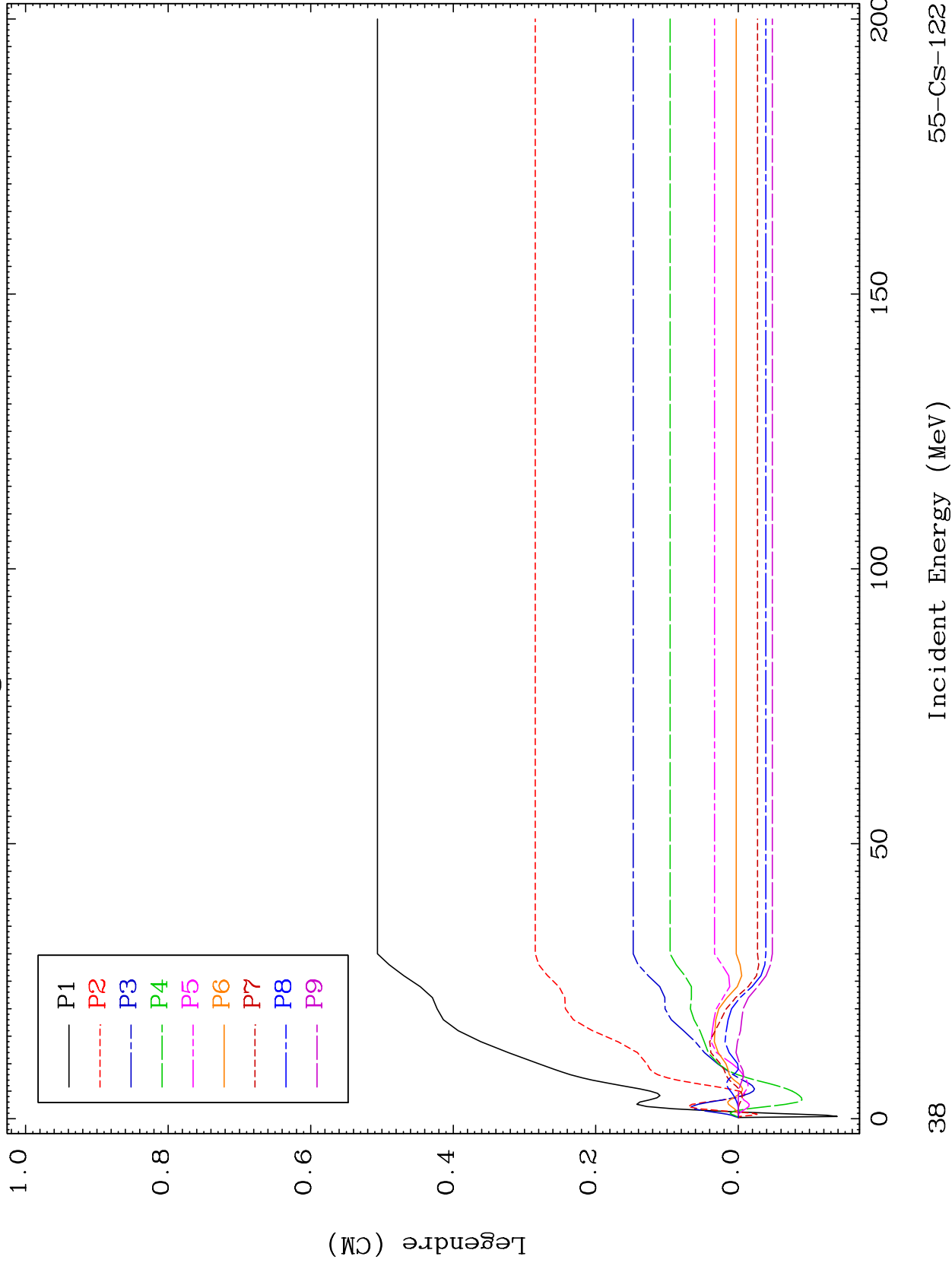
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

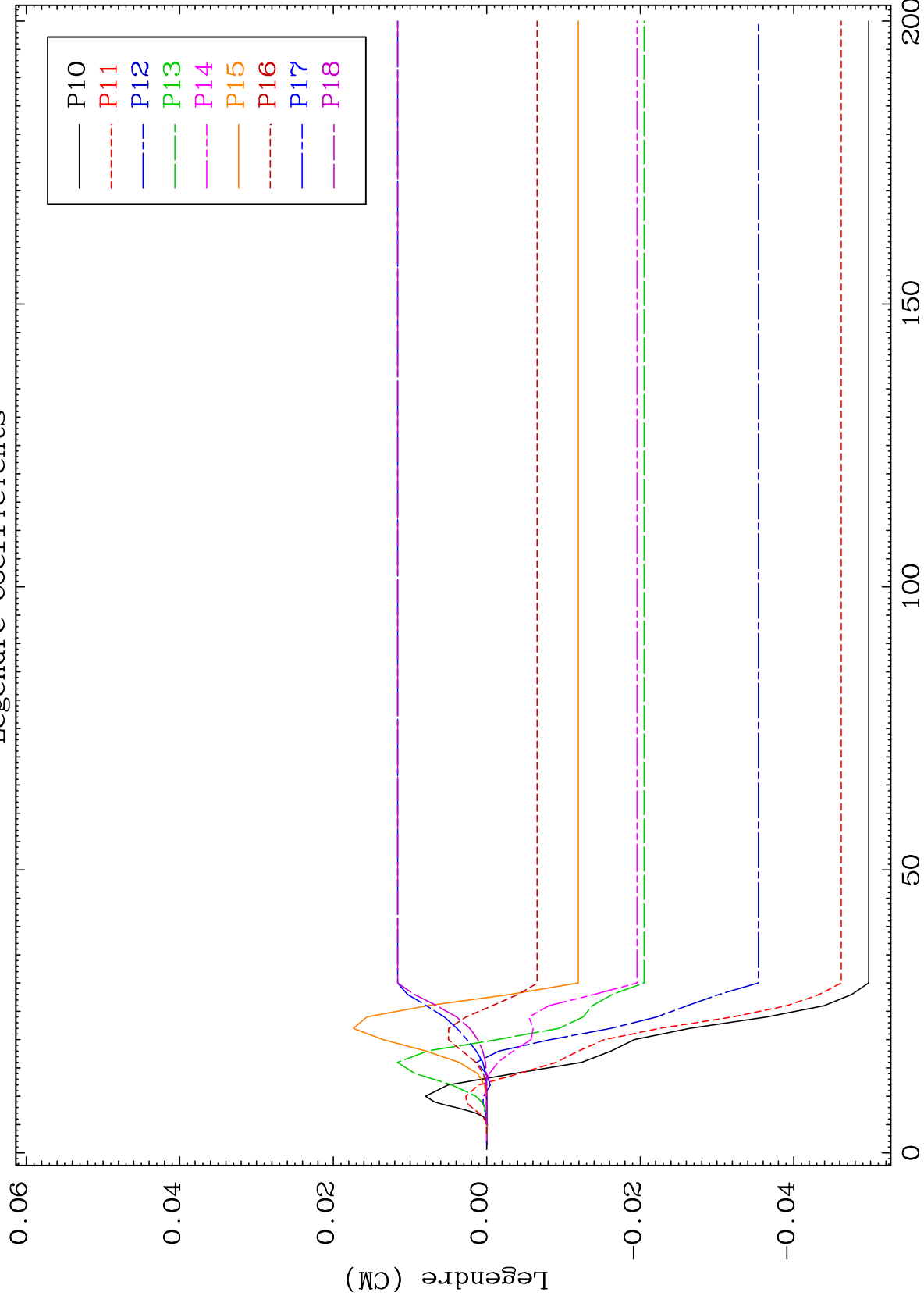
55-Cs-122



MAT 5492

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

55-Cs-122



39

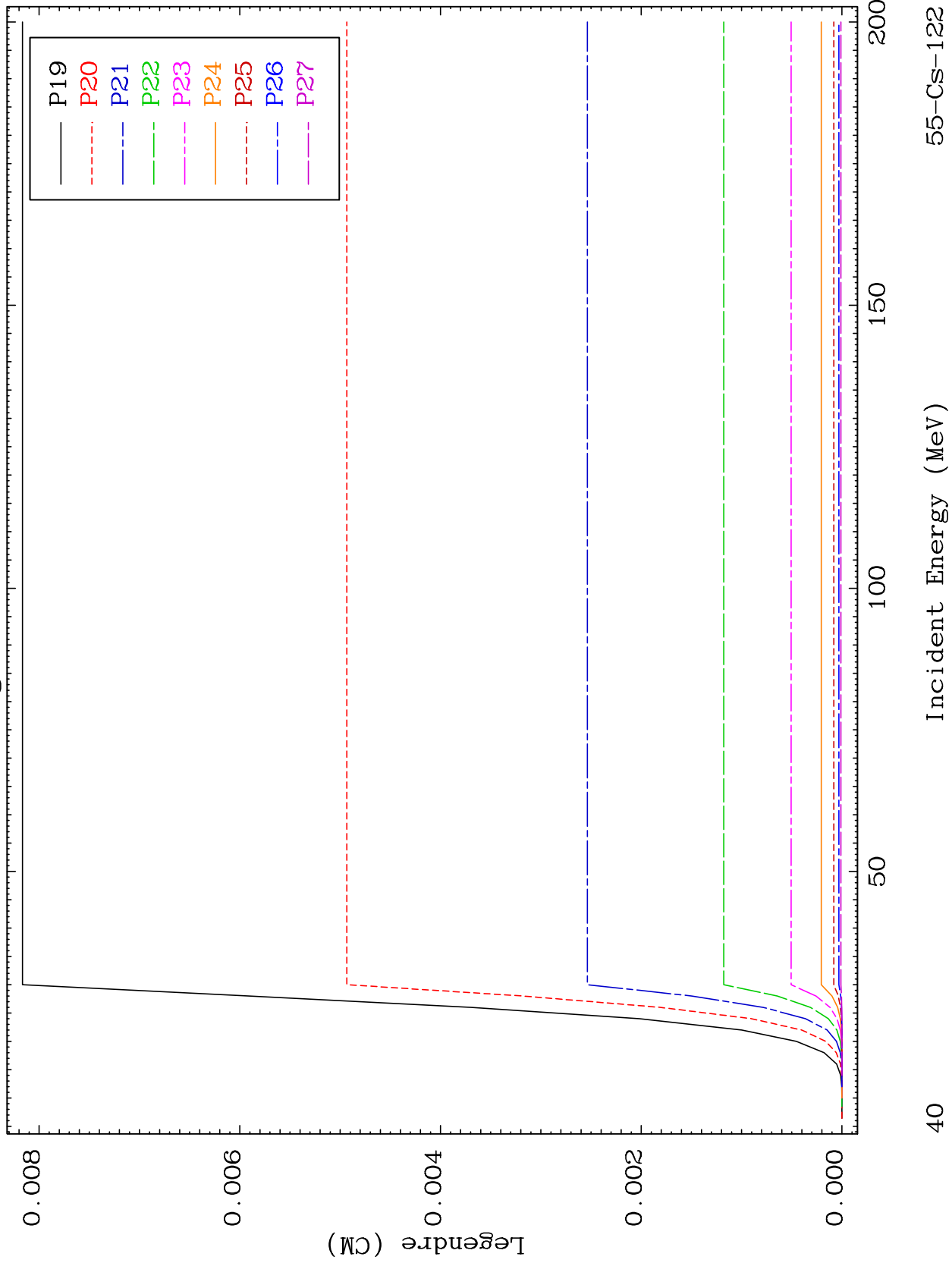
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

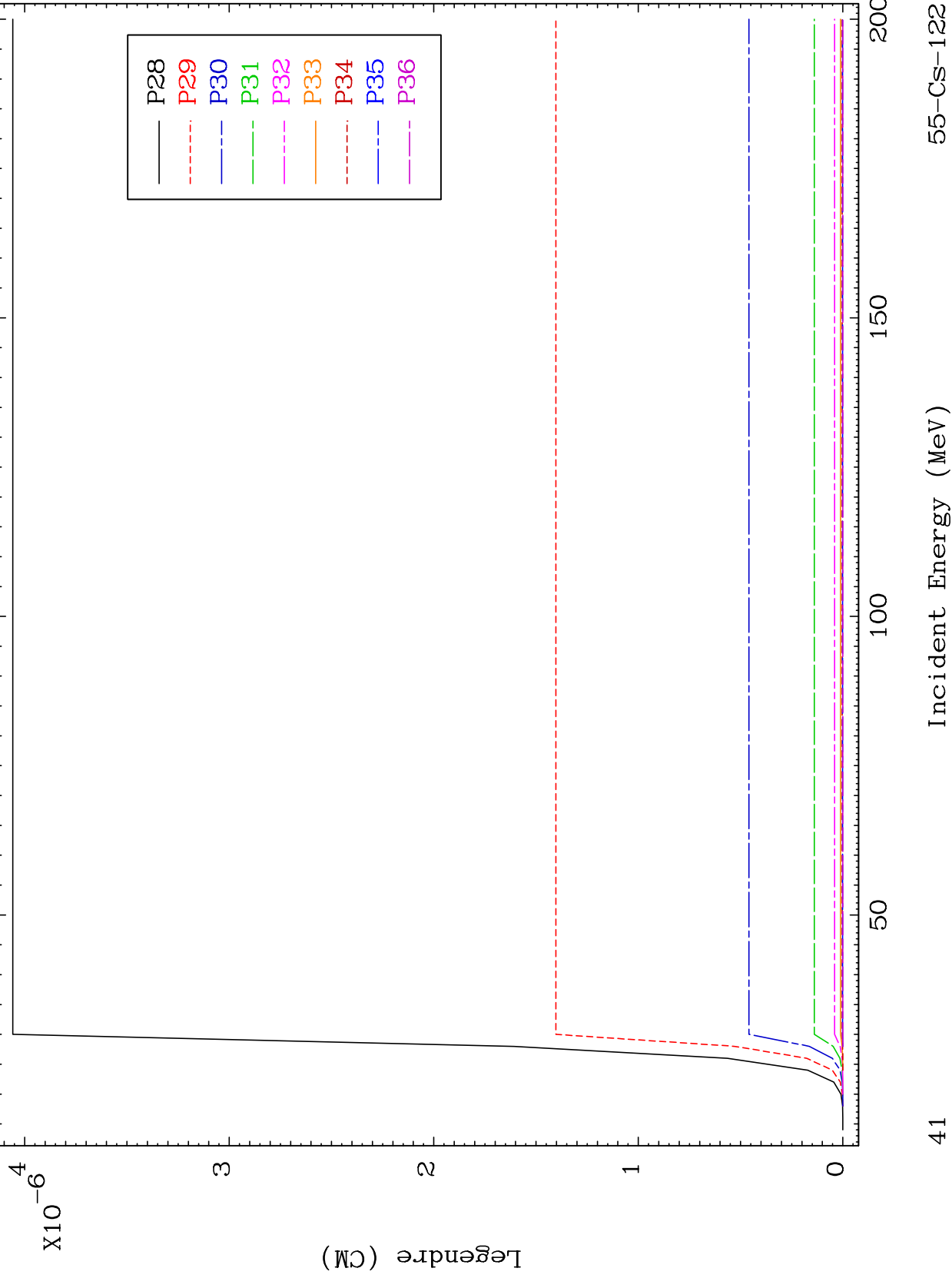
Incident Energy (MeV)

40

MAT 5492

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

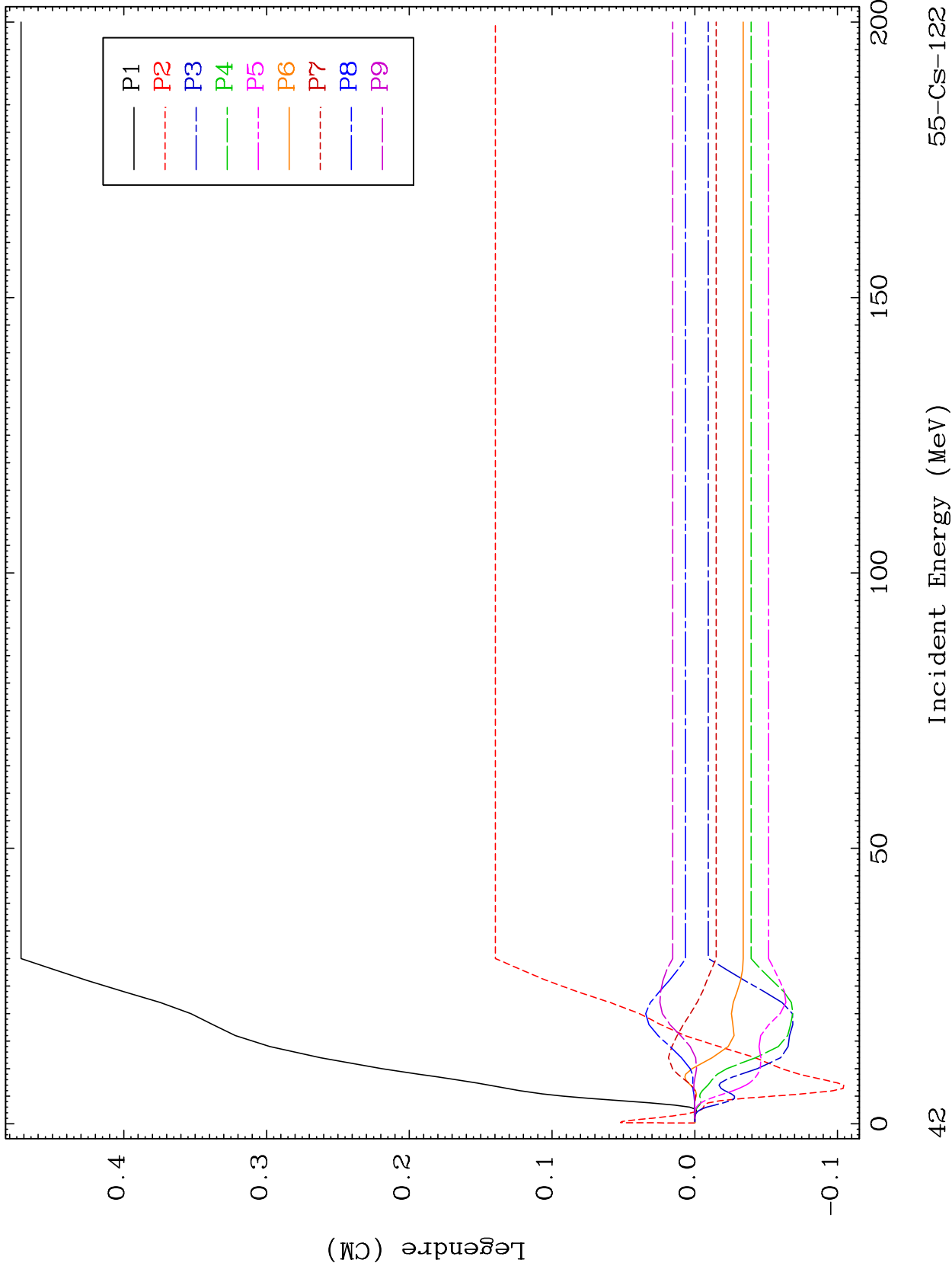
55-Cs-122



MAT 5492

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

55-Cs-122



55-Cs-122

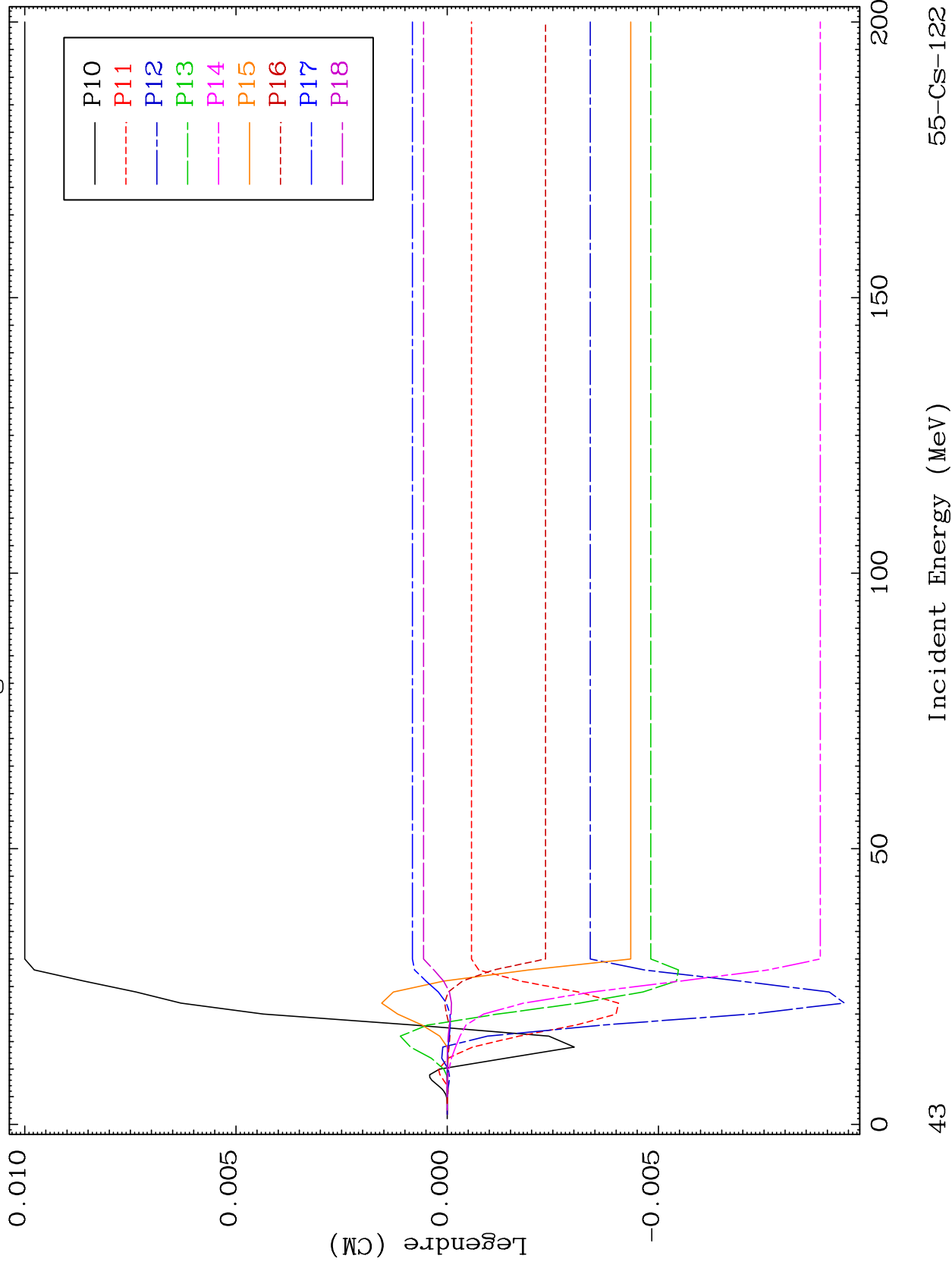
Incident Energy (MeV)

42

MAT 5492

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

55-Cs-122



43

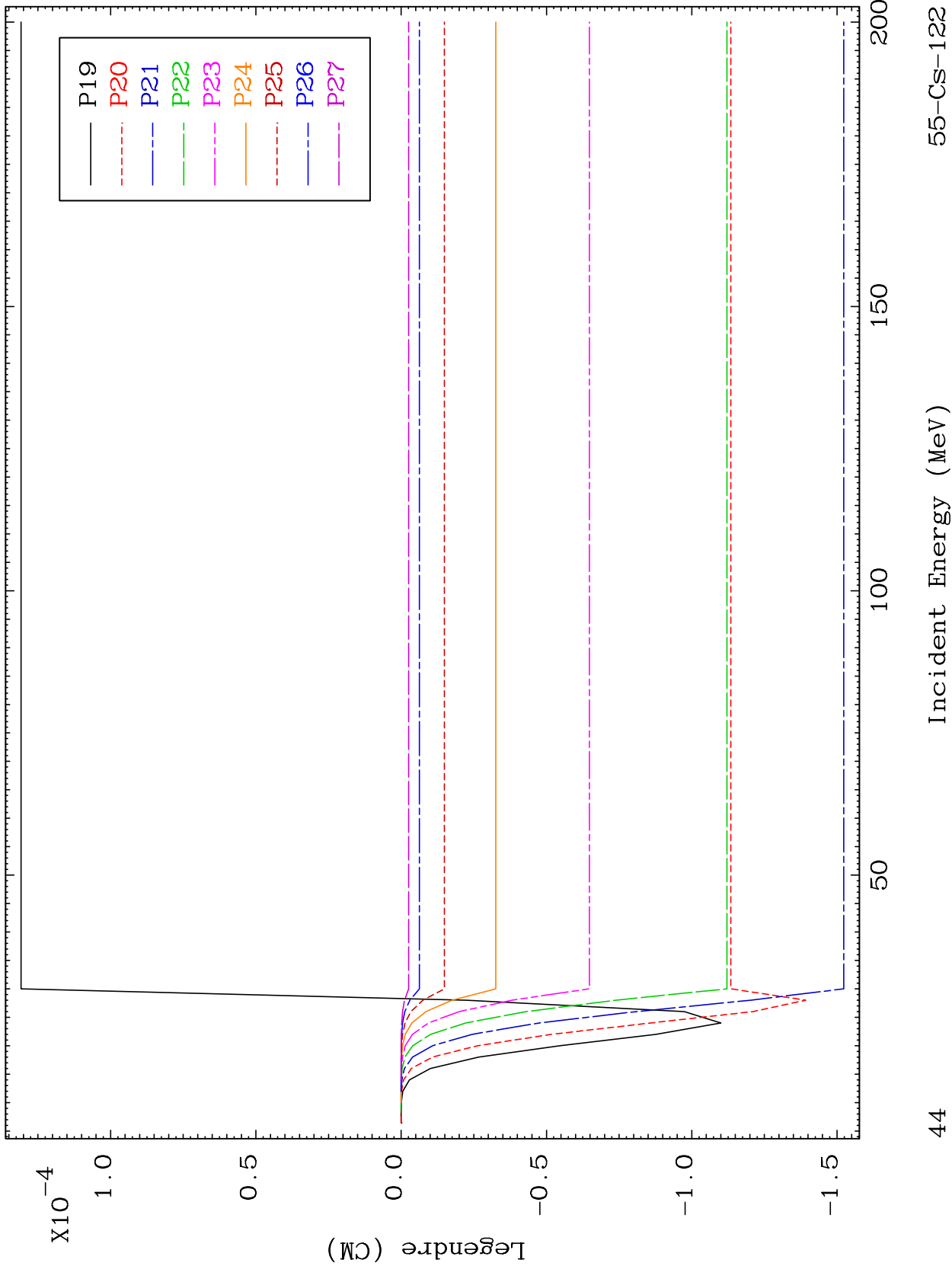
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



44

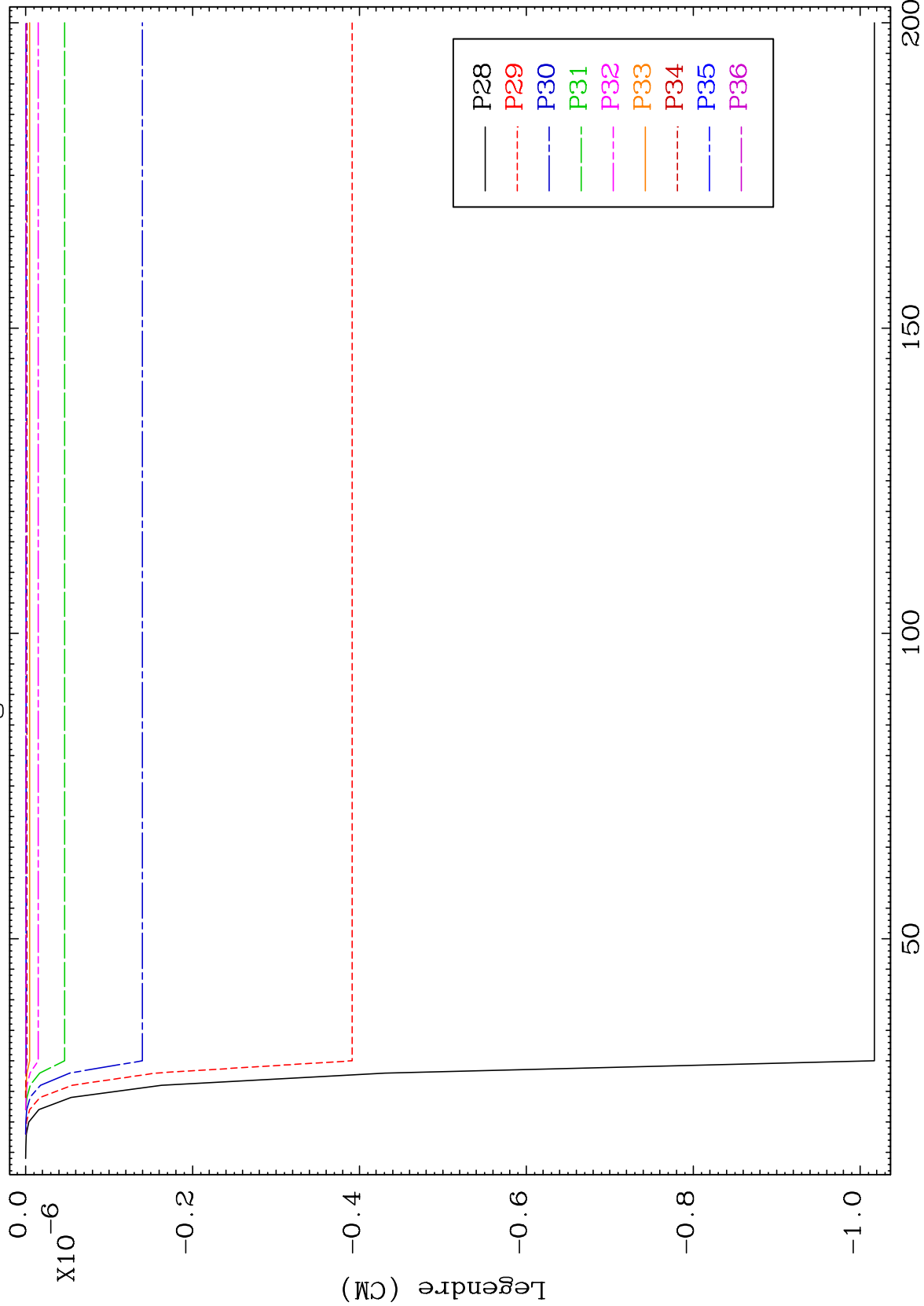
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

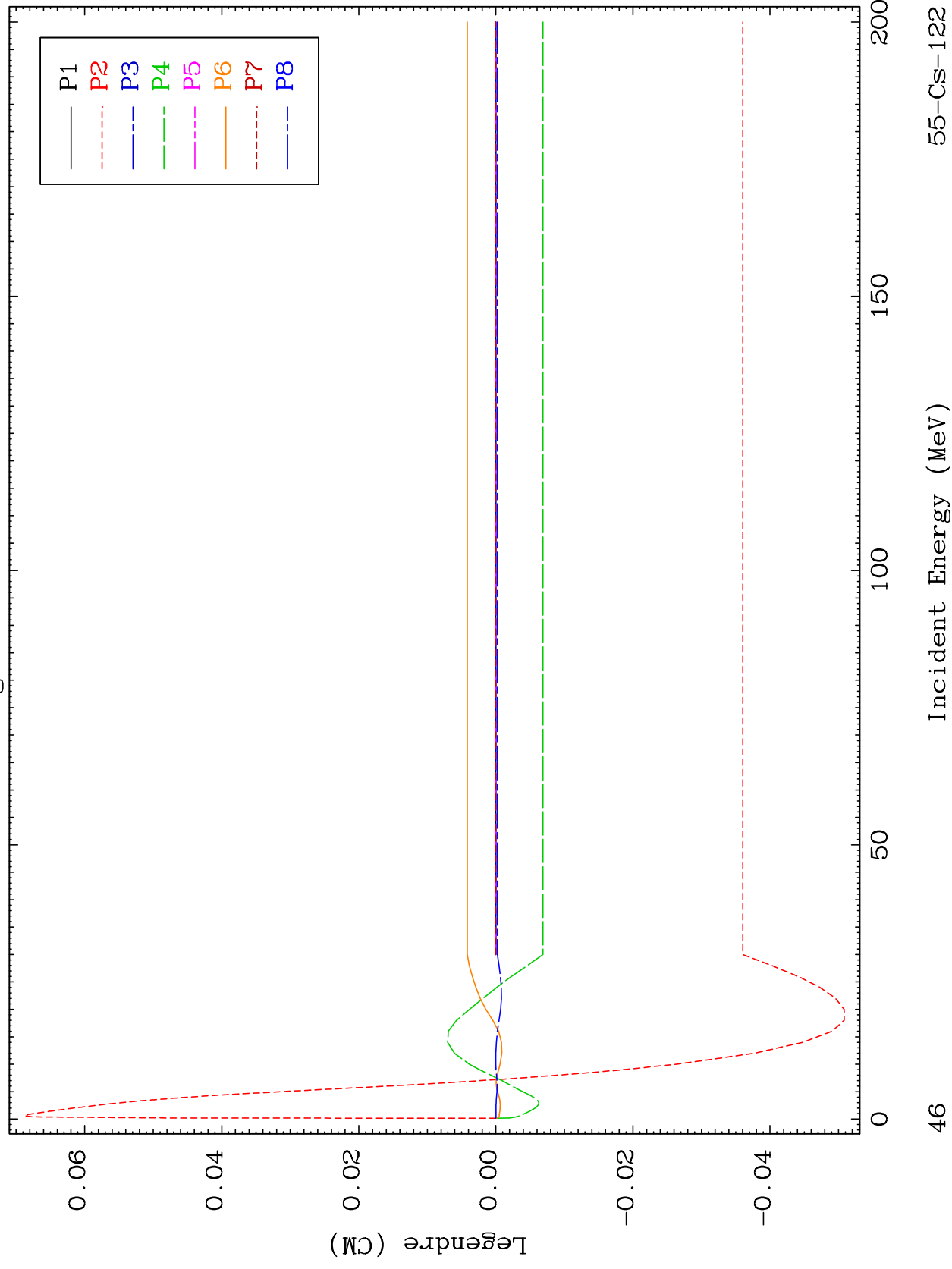
Incident Energy (MeV)

45

MAT 5492

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

55-Cs-122



55-Cs-122

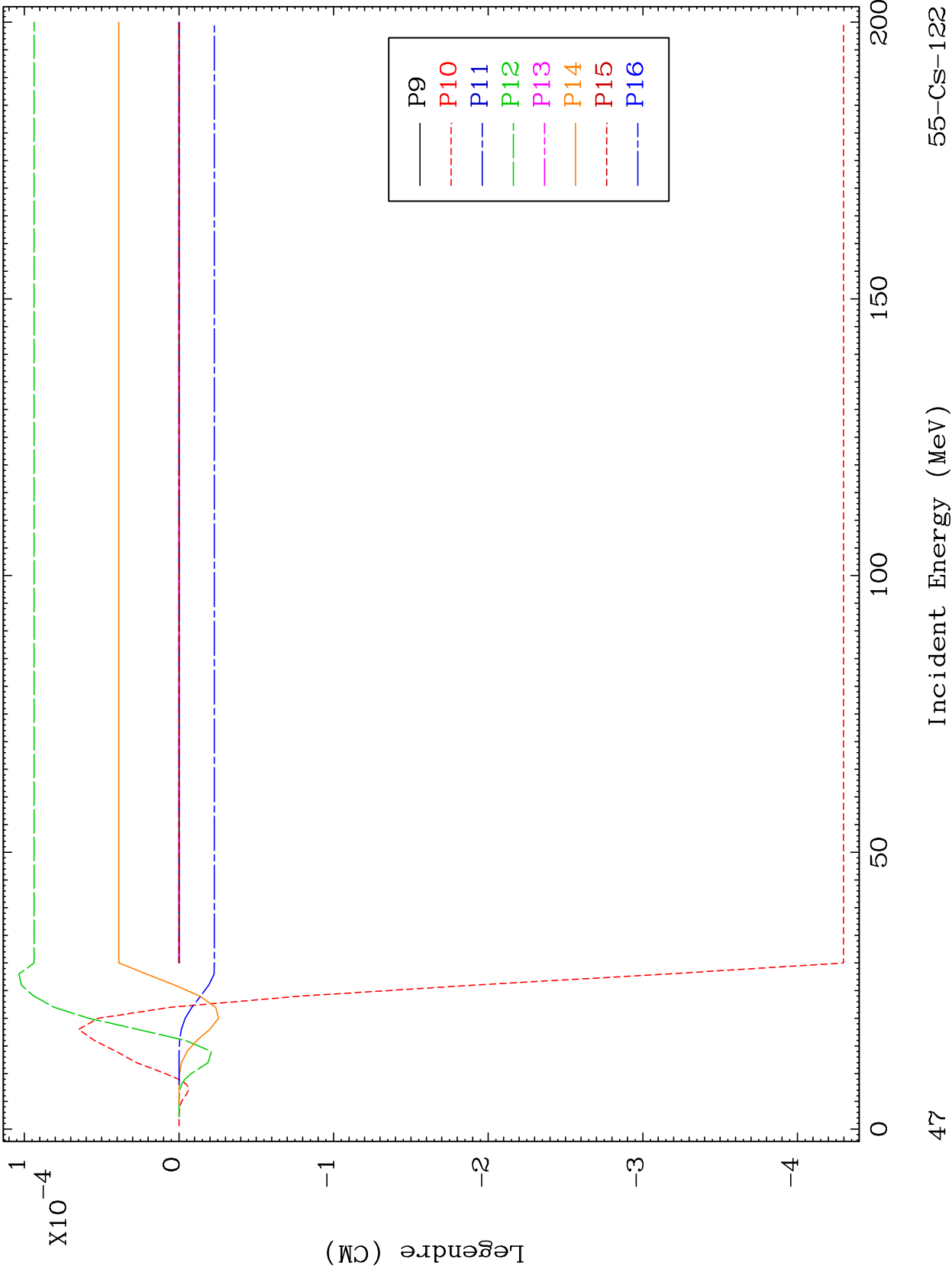
Incident Energy (MeV)

46

MAT 5492

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

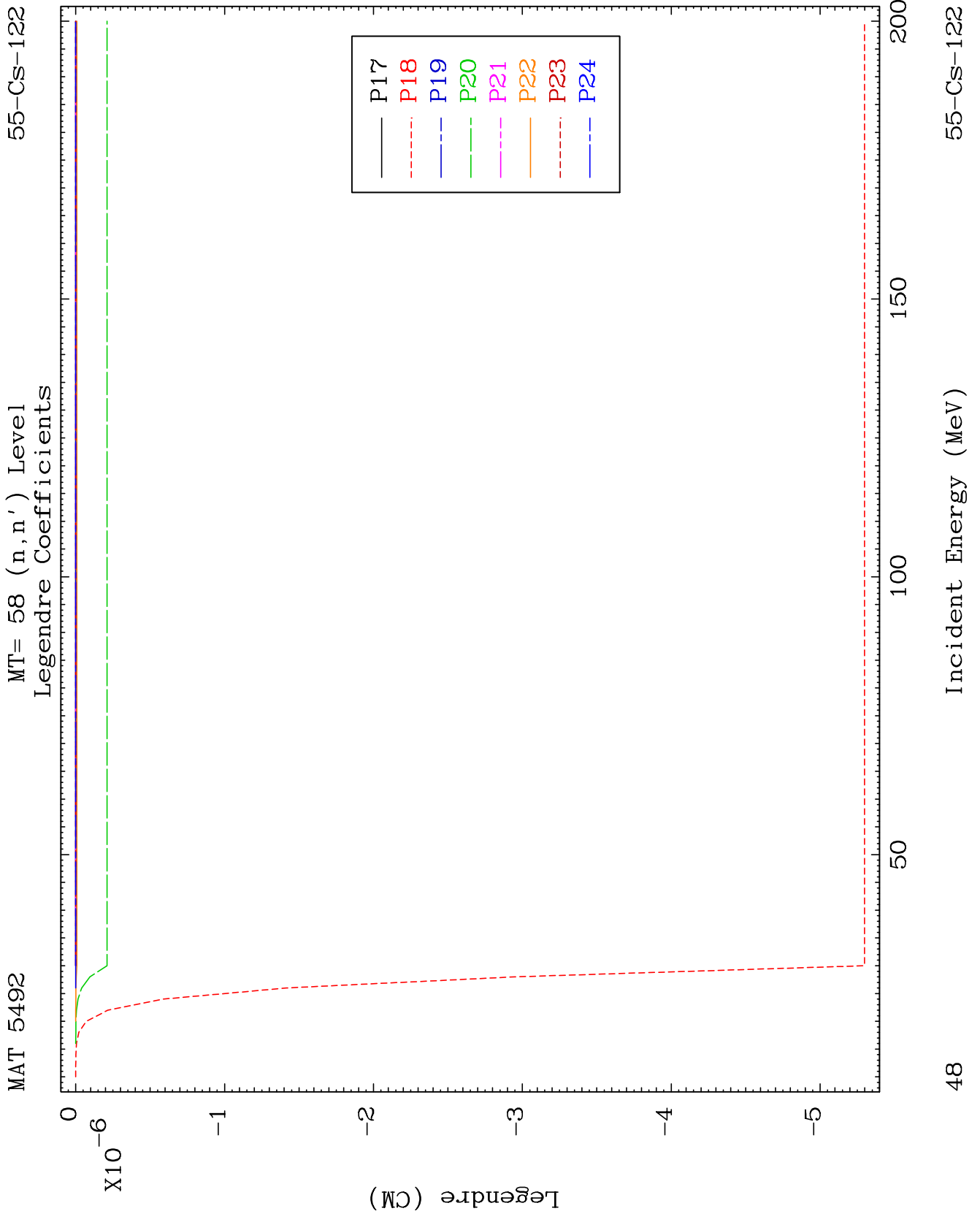
55-Cs-122



47

Incident Energy (MeV)

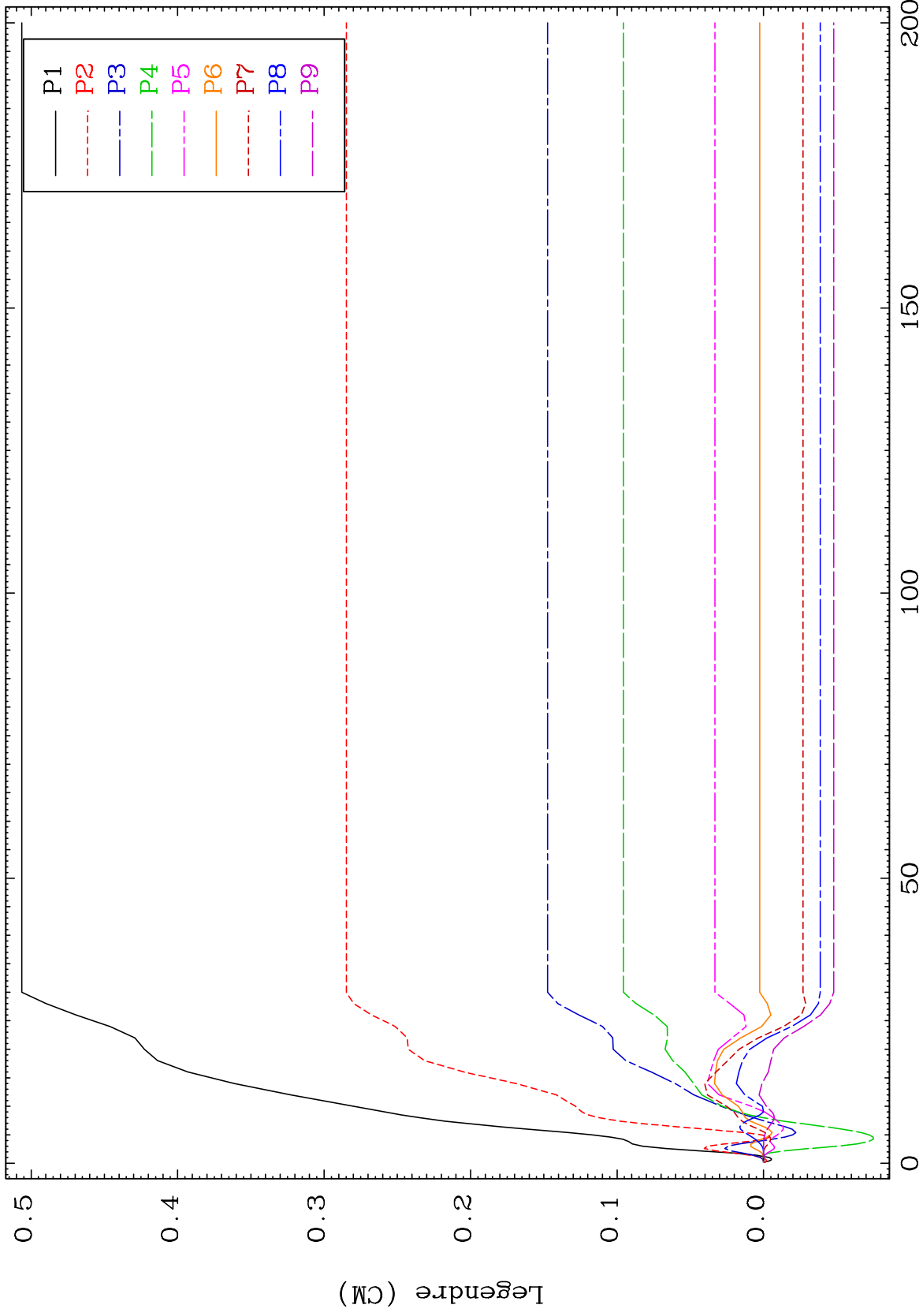
55-Cs-122



MAT 5492

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

55-Cs-122



55-Cs-122

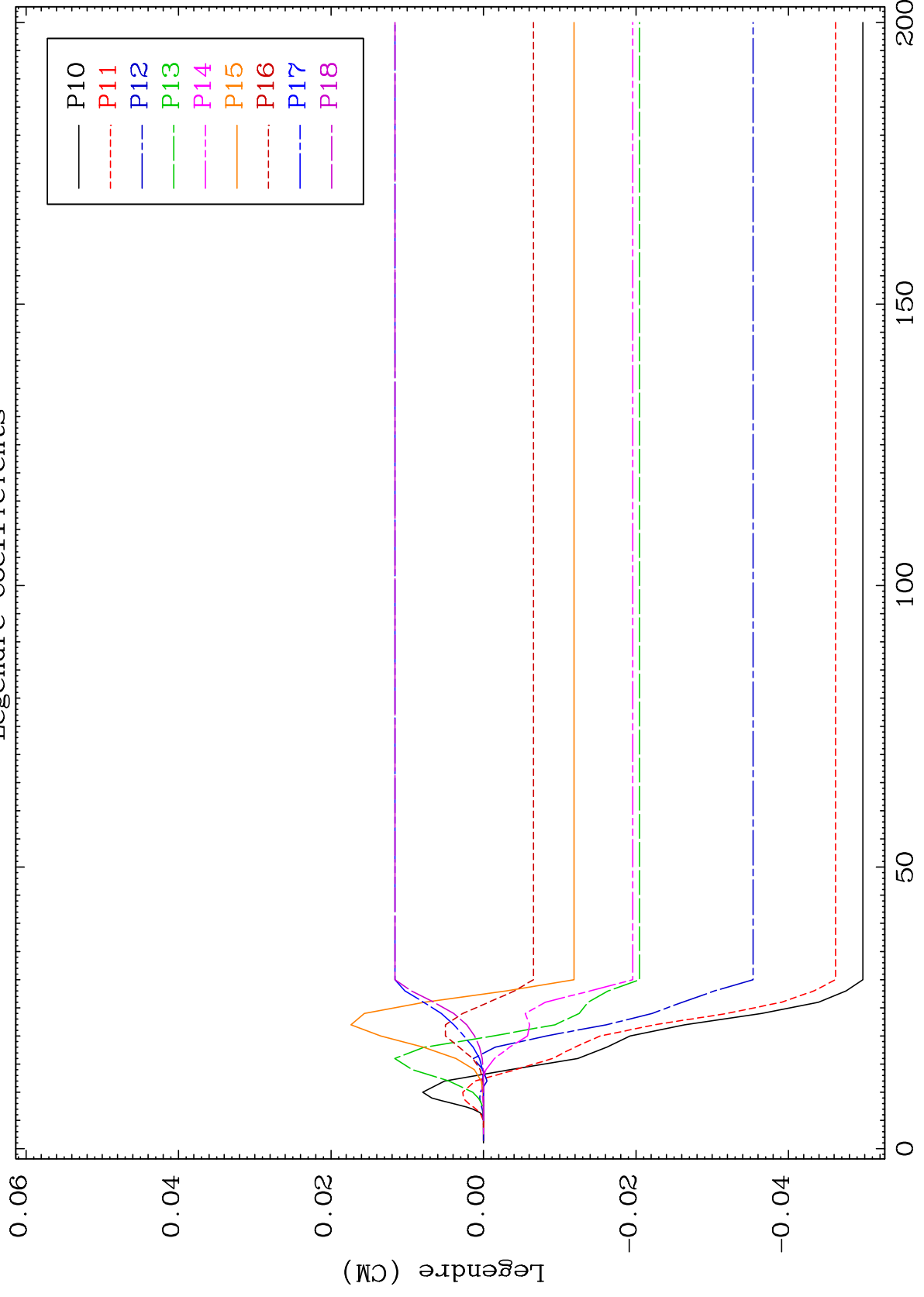
Incident Energy (MeV)

49

MAT 5492

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

55-Cs-122



55-Cs-122

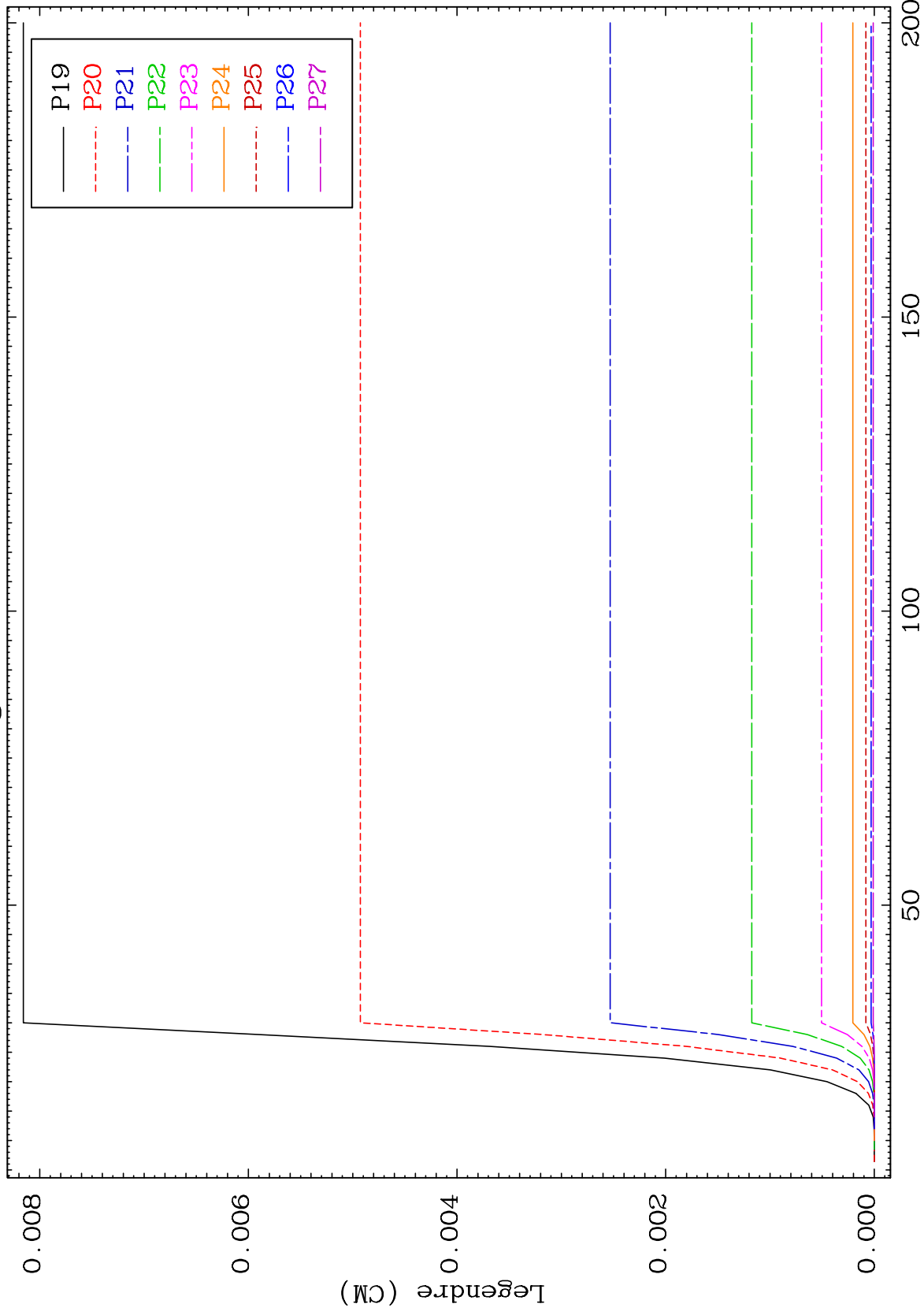
Incident Energy (MeV)

50

MAT 5492

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

55-Cs-122



51

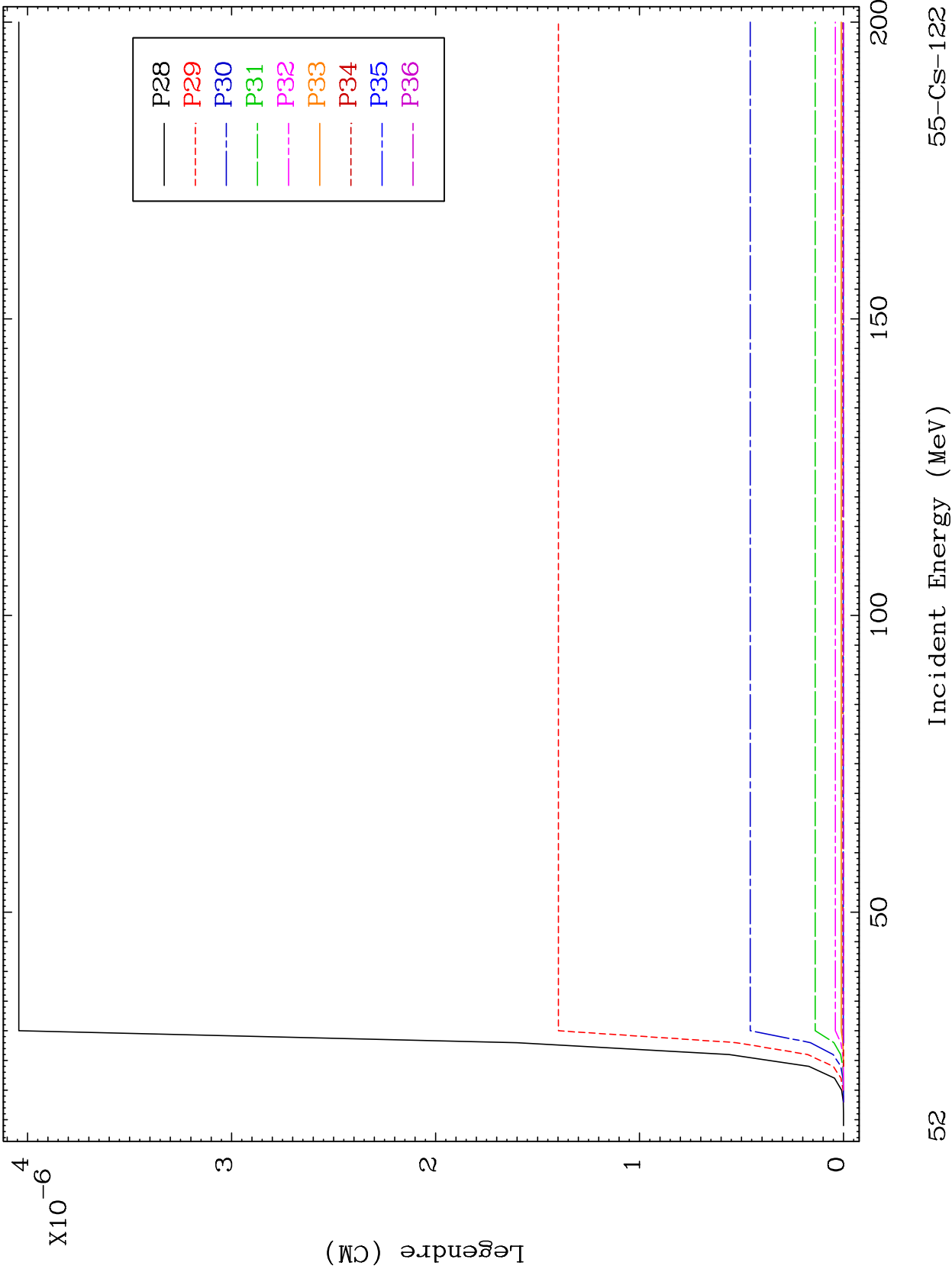
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



52

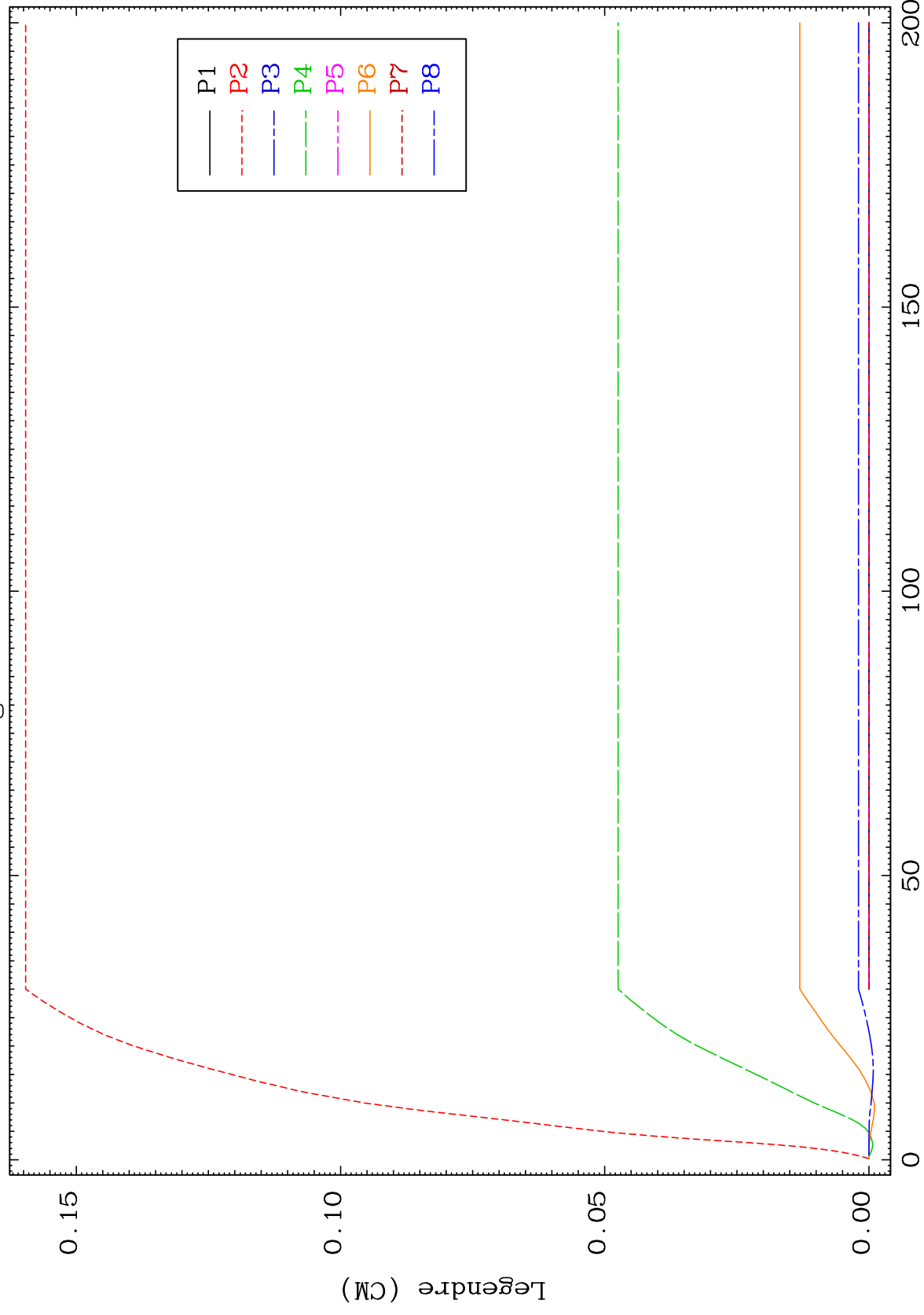
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

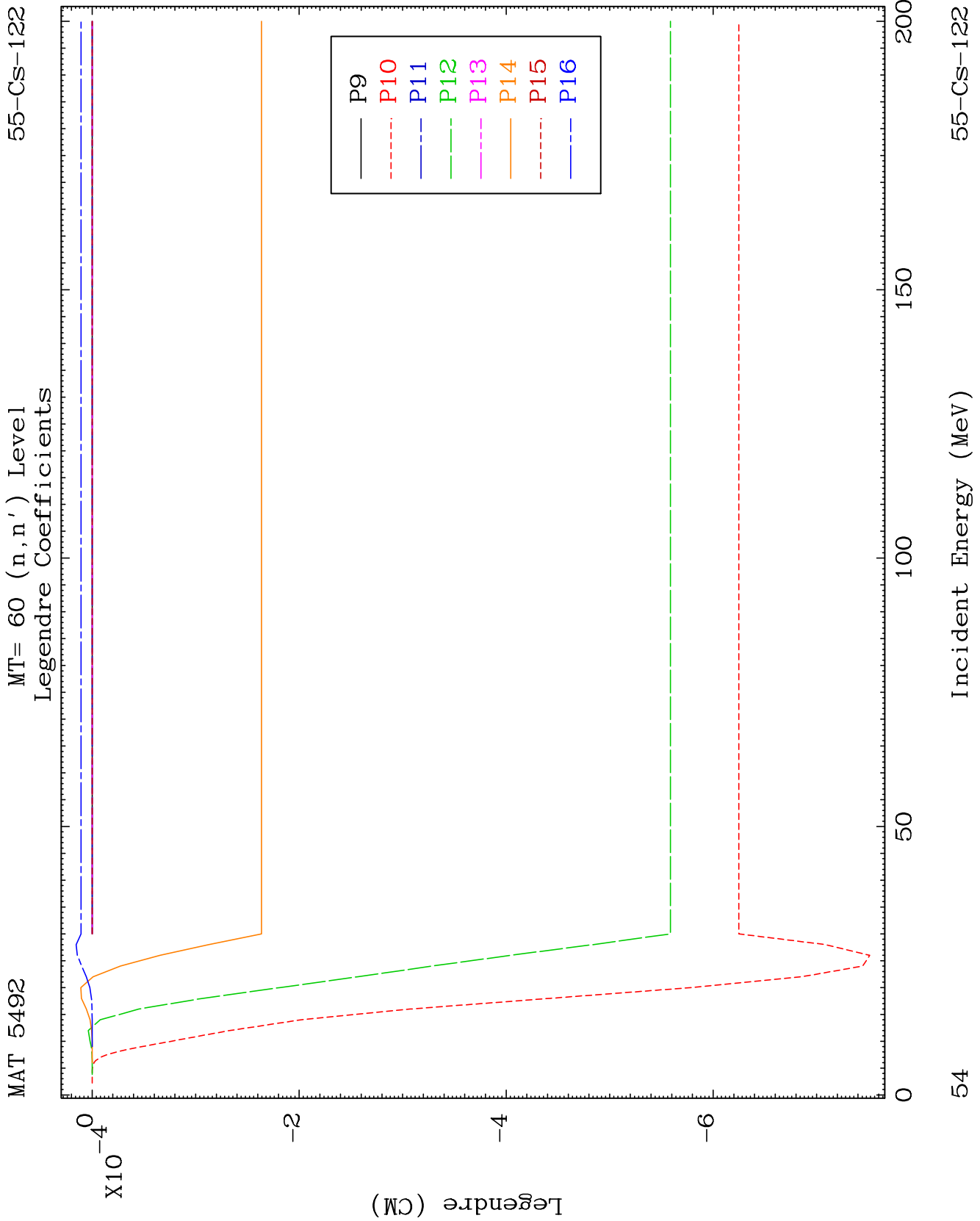
55-Cs-122



53

Incident Energy (MeV)

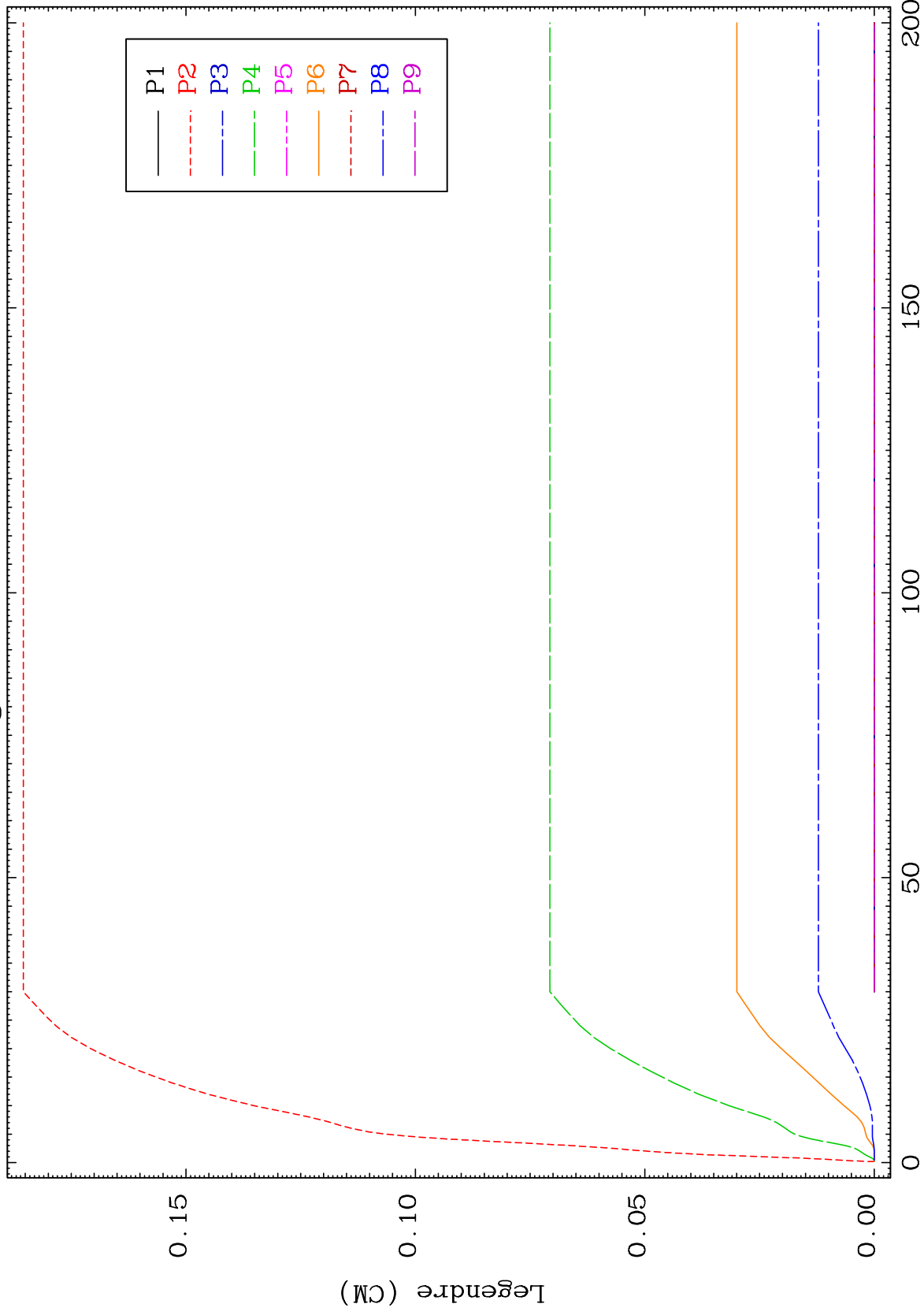
55-Cs-122



MAT 5492

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

55-Cs-122



56

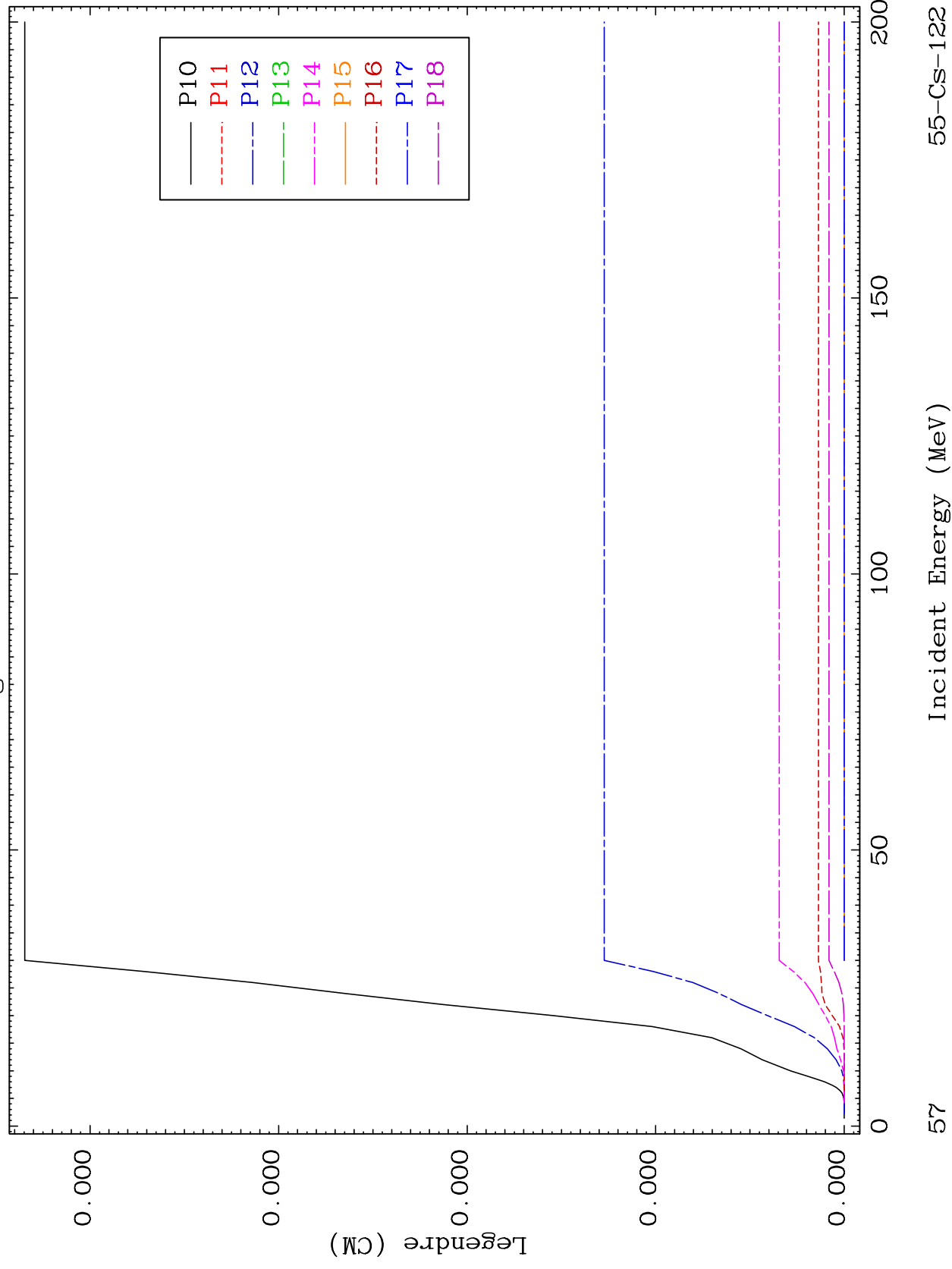
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



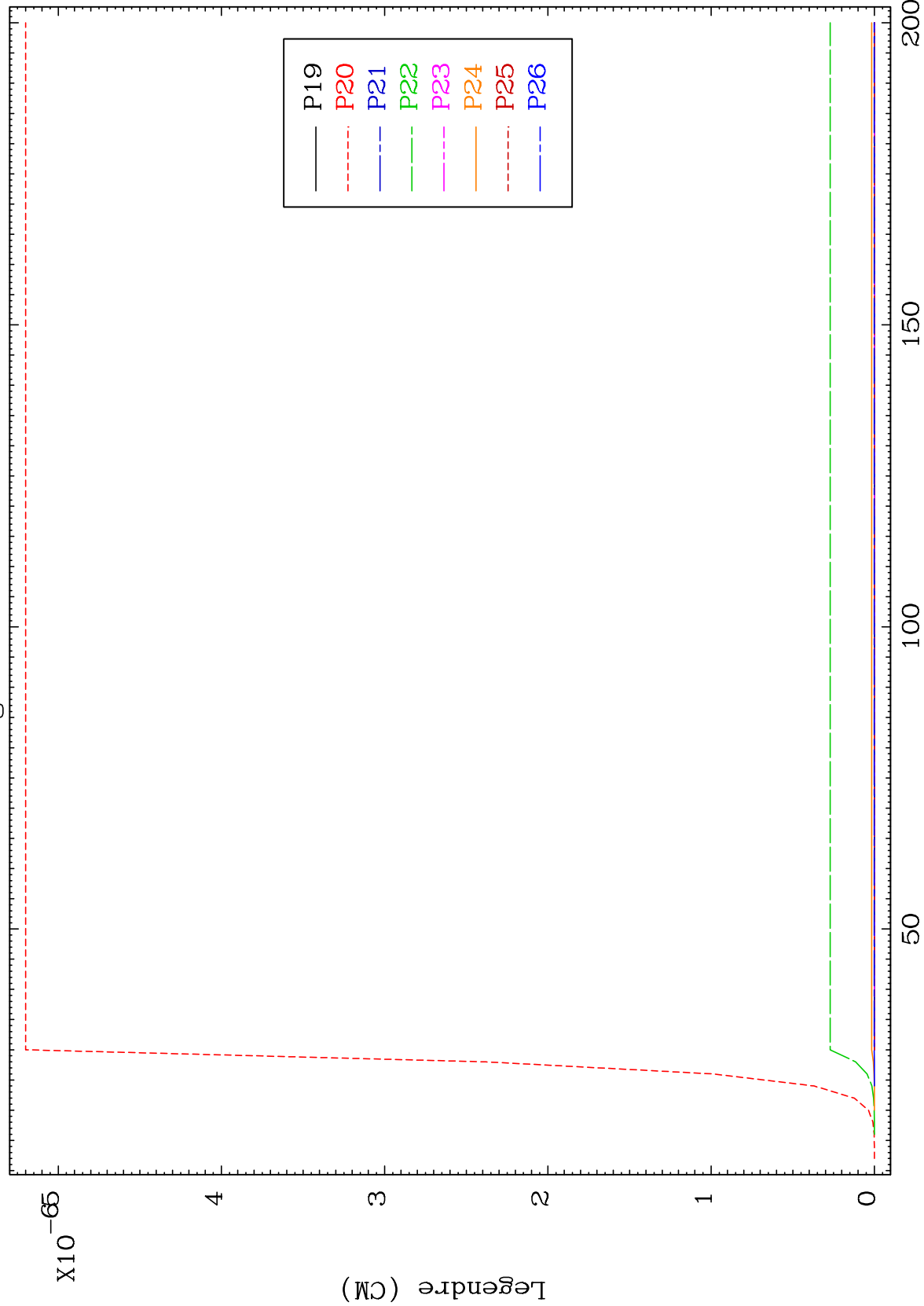
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55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

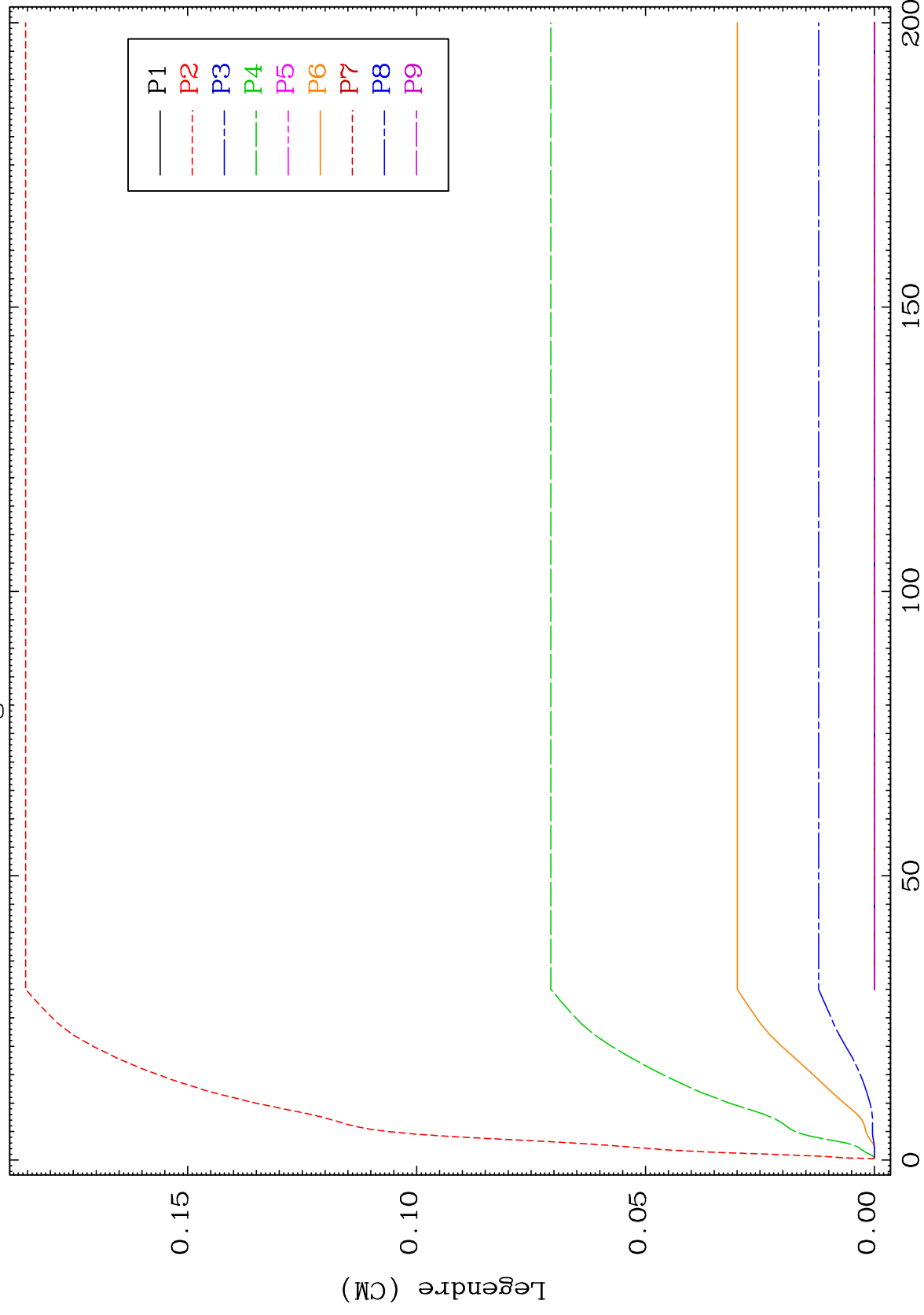
Incident Energy (MeV)

58

MAT 5492

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

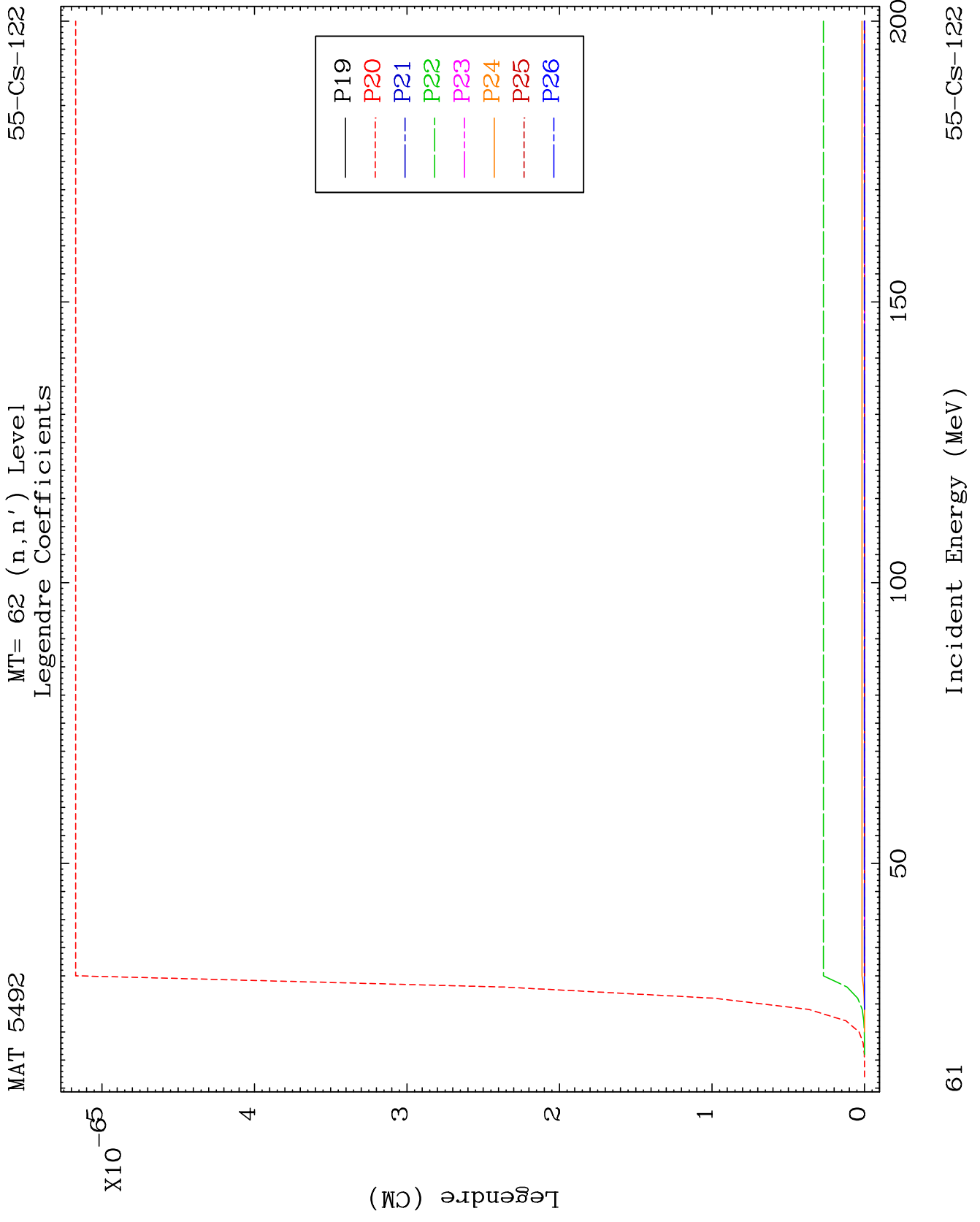
55-Cs-122



59

Incident Energy (MeV)

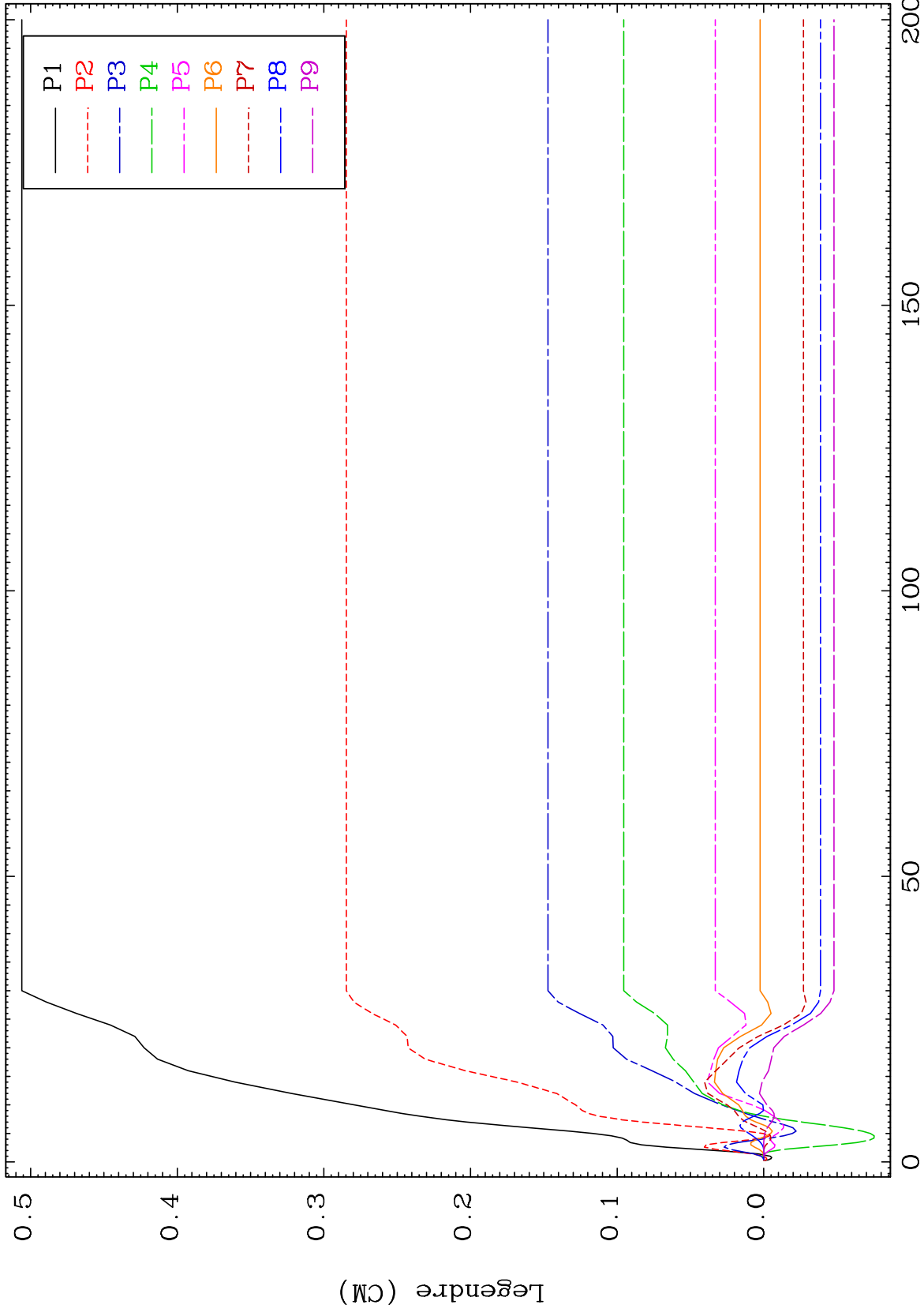
55-Cs-122



MAT 5492

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

55-Cs-122



62

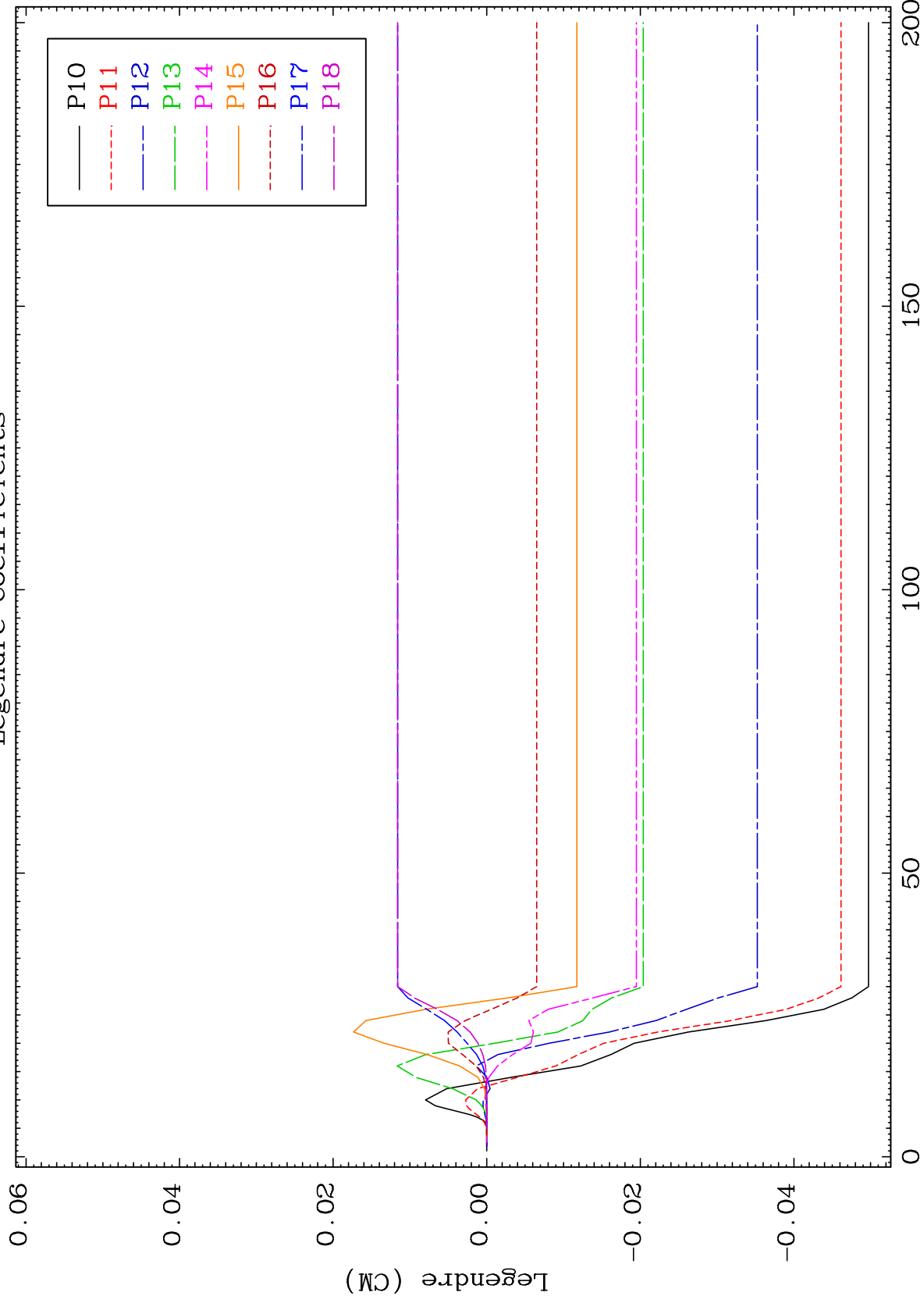
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



63

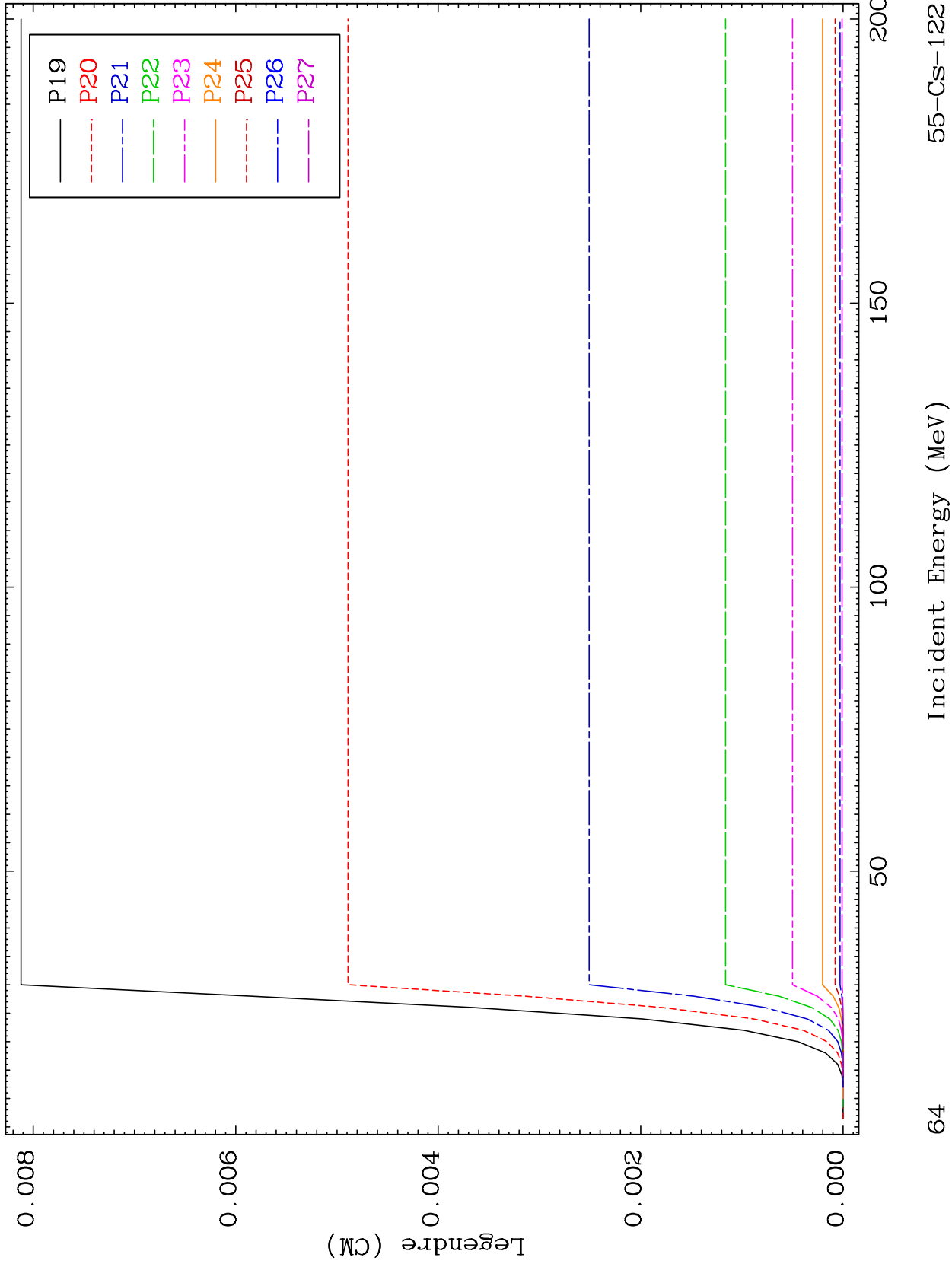
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



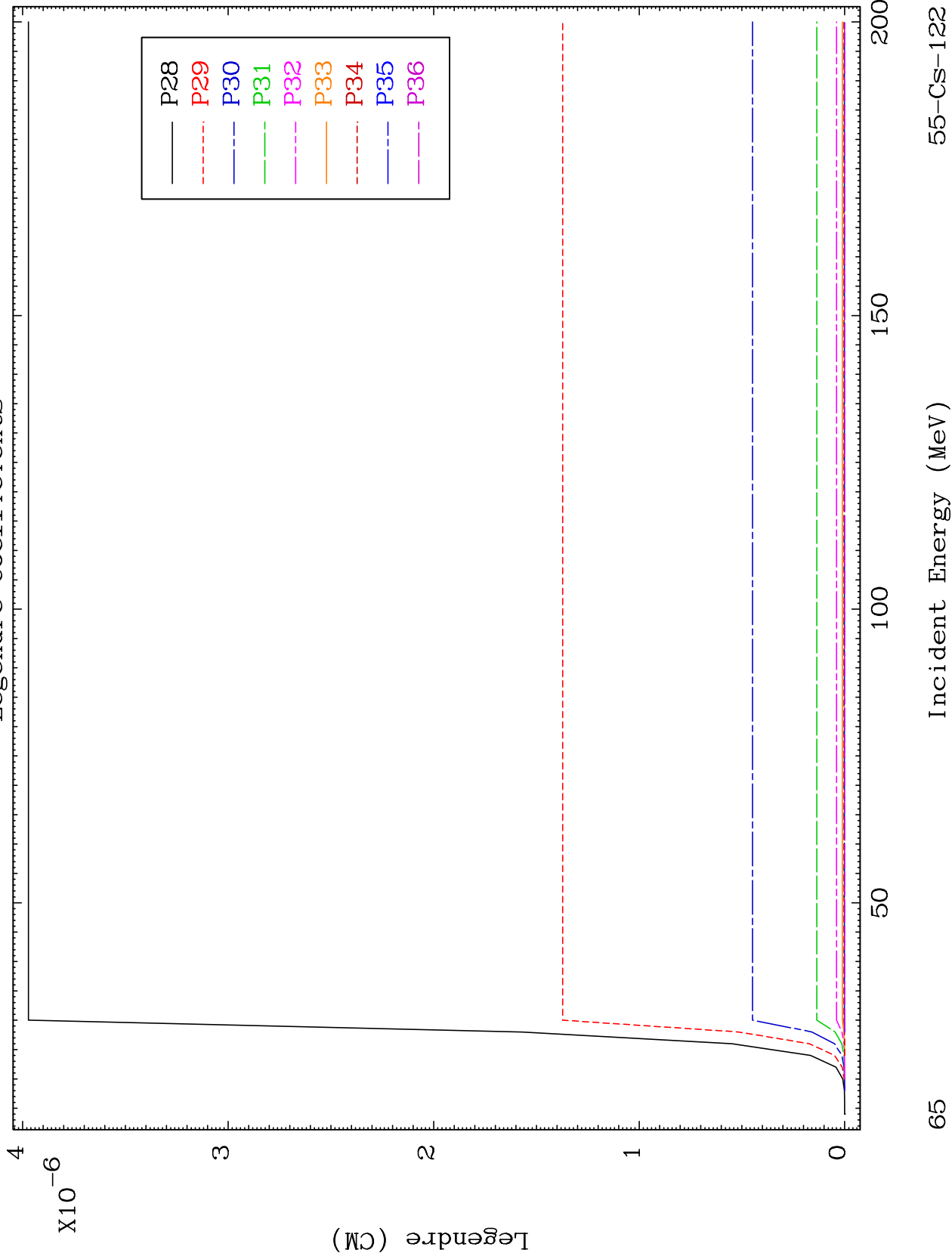
64

55-Cs-122

MAT 5492

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

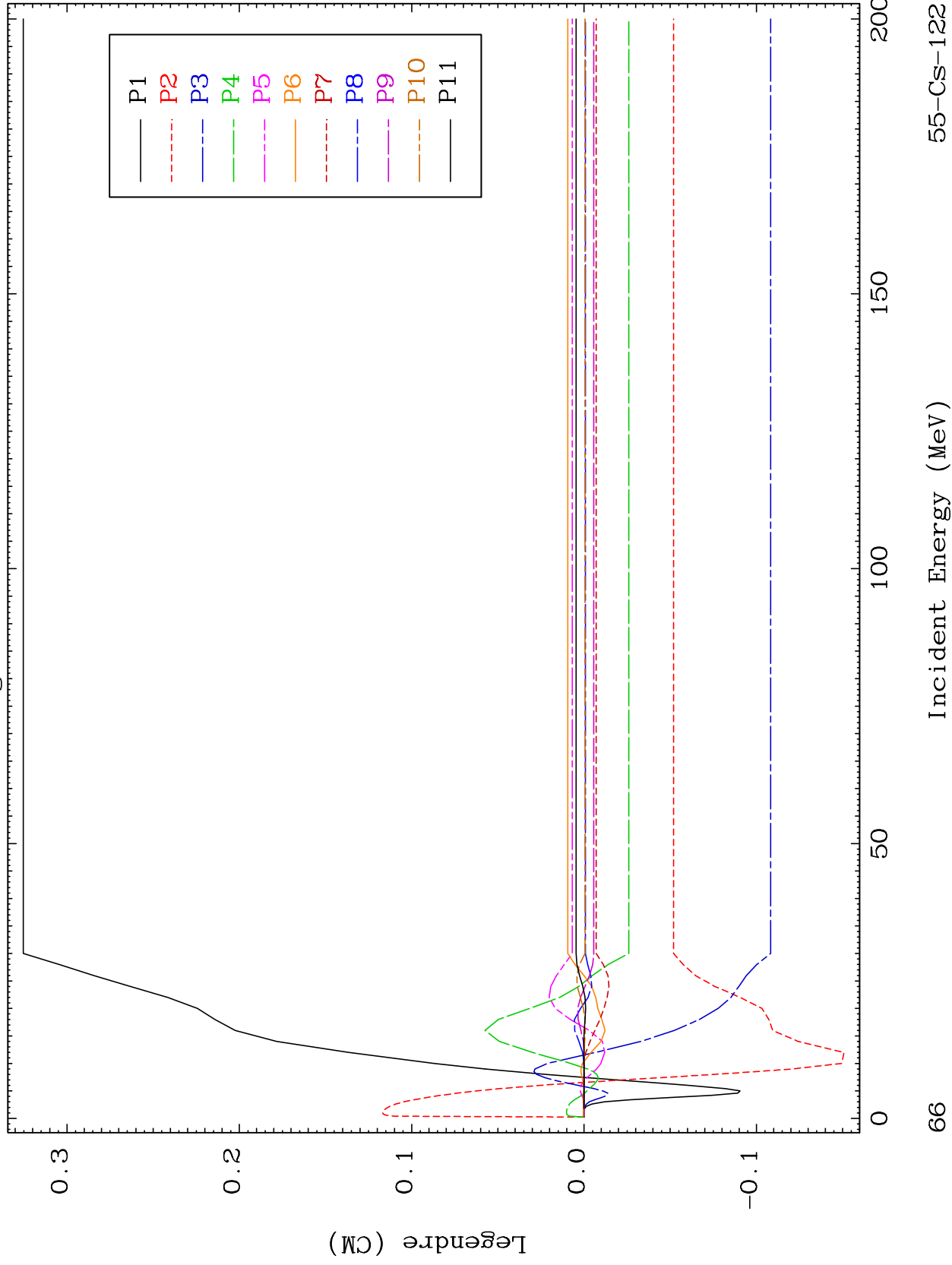
55-Cs-122



MAT 5492

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

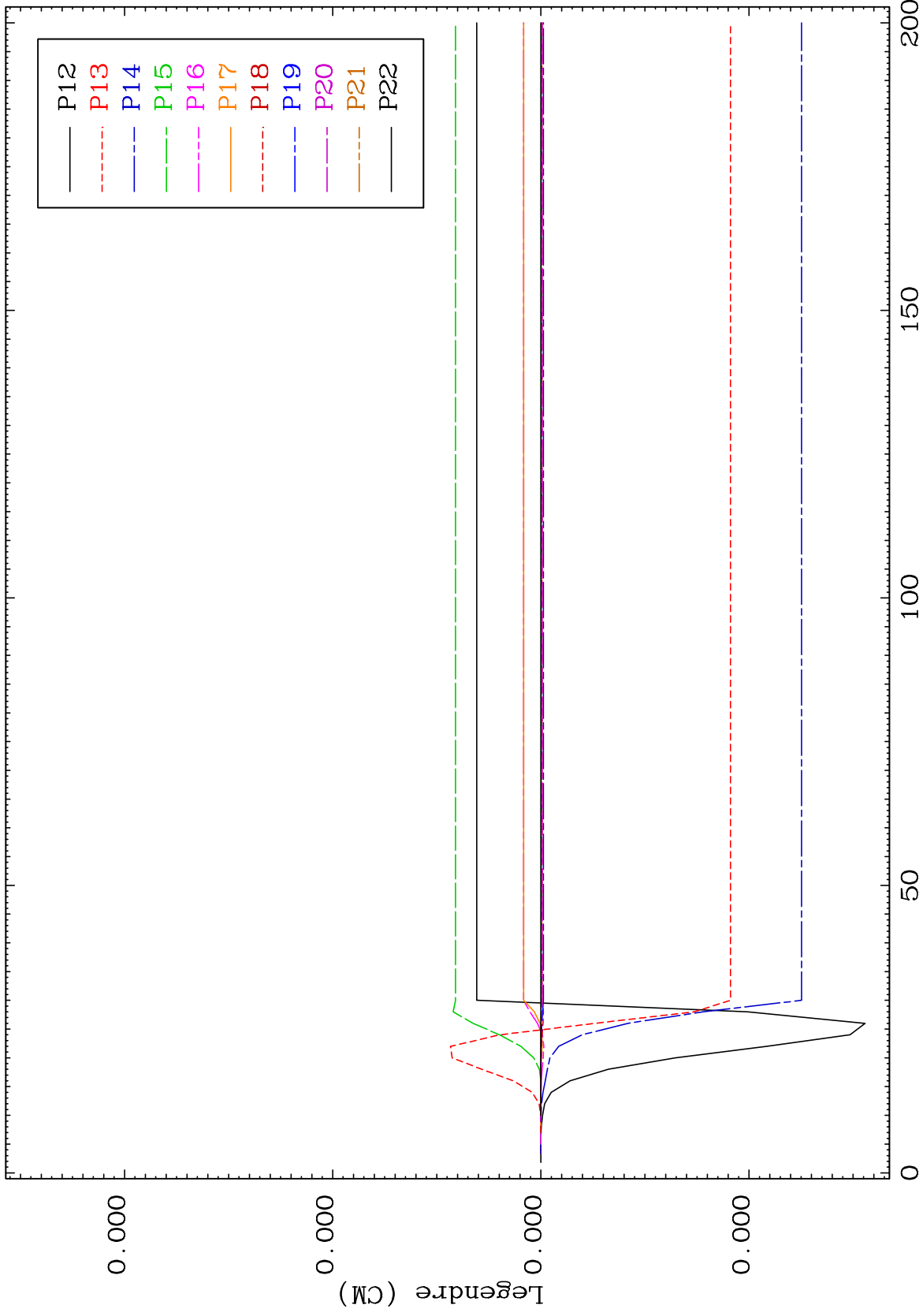
55-Cs-122



MAT 5492

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

55-Cs-122



67

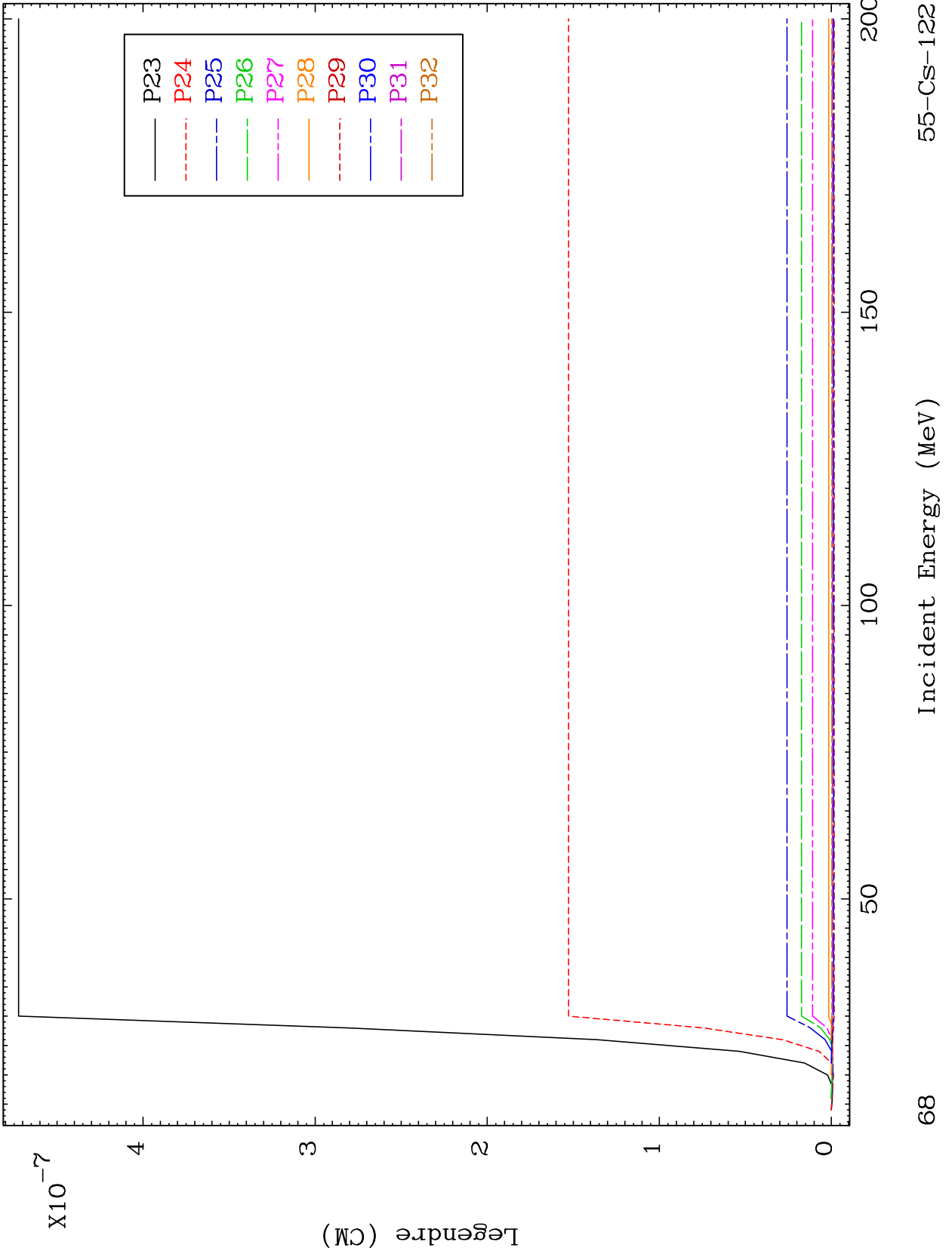
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

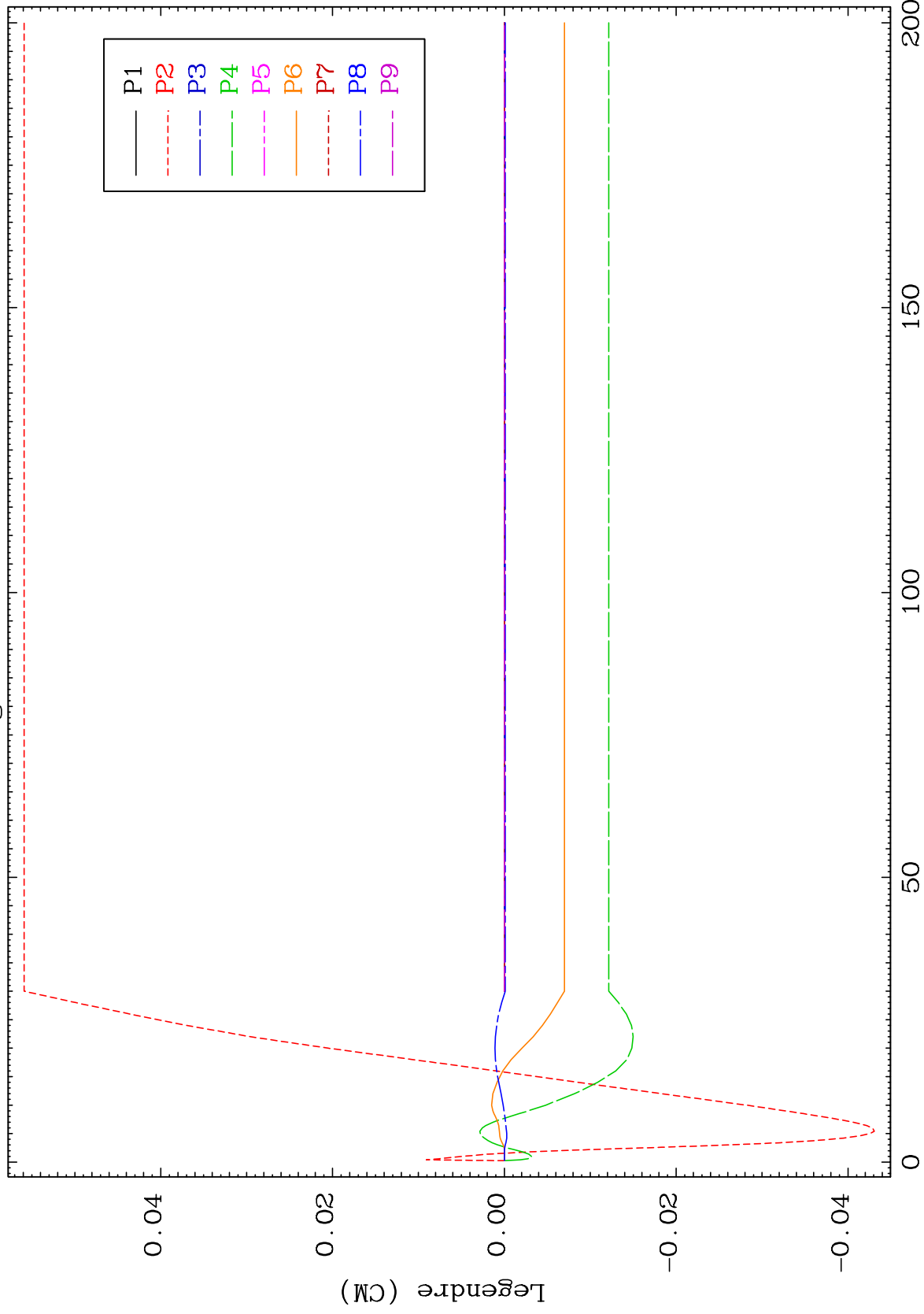
55-Cs-122



MAT 5492

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

55-Cs-122



69

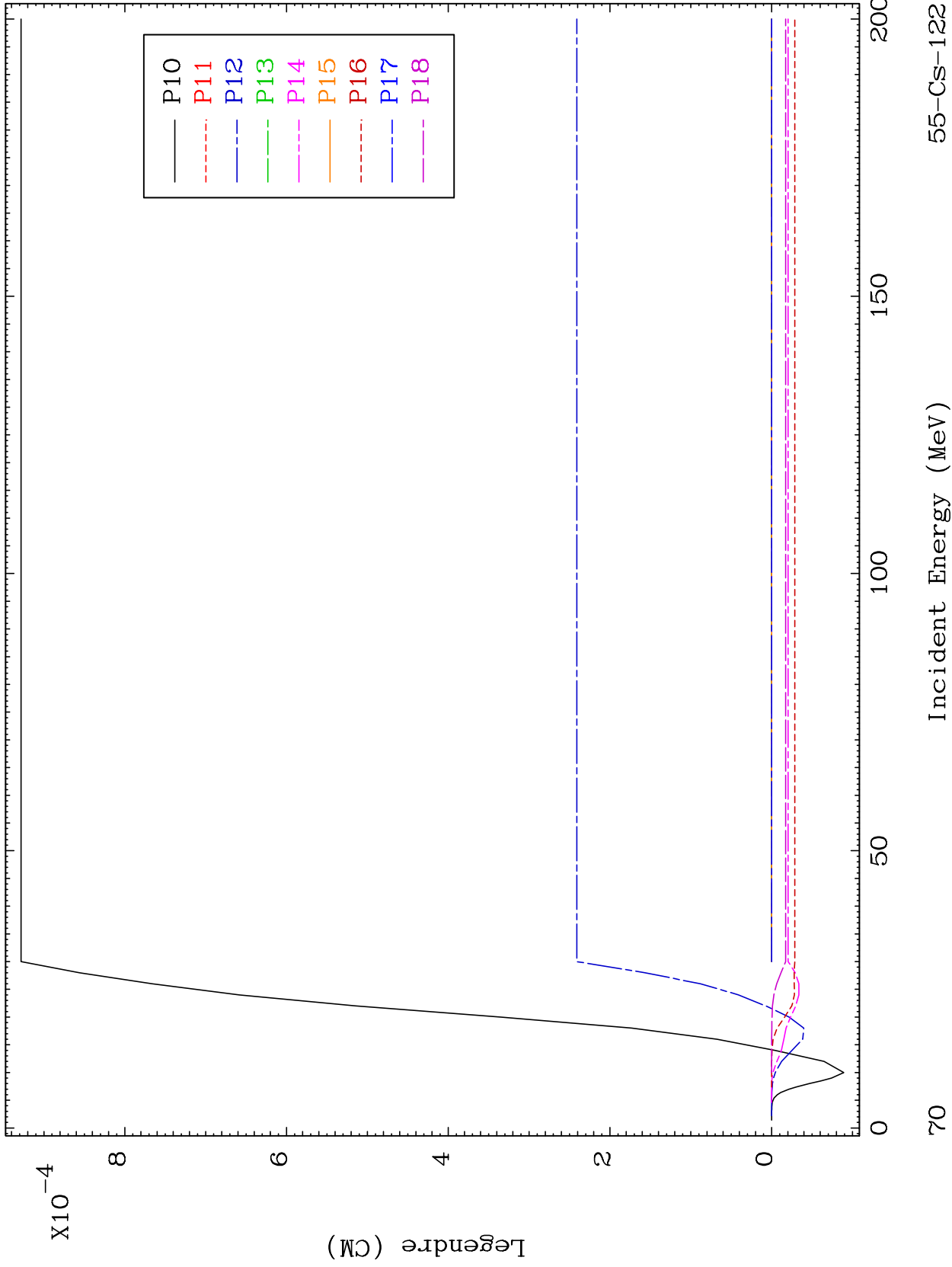
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

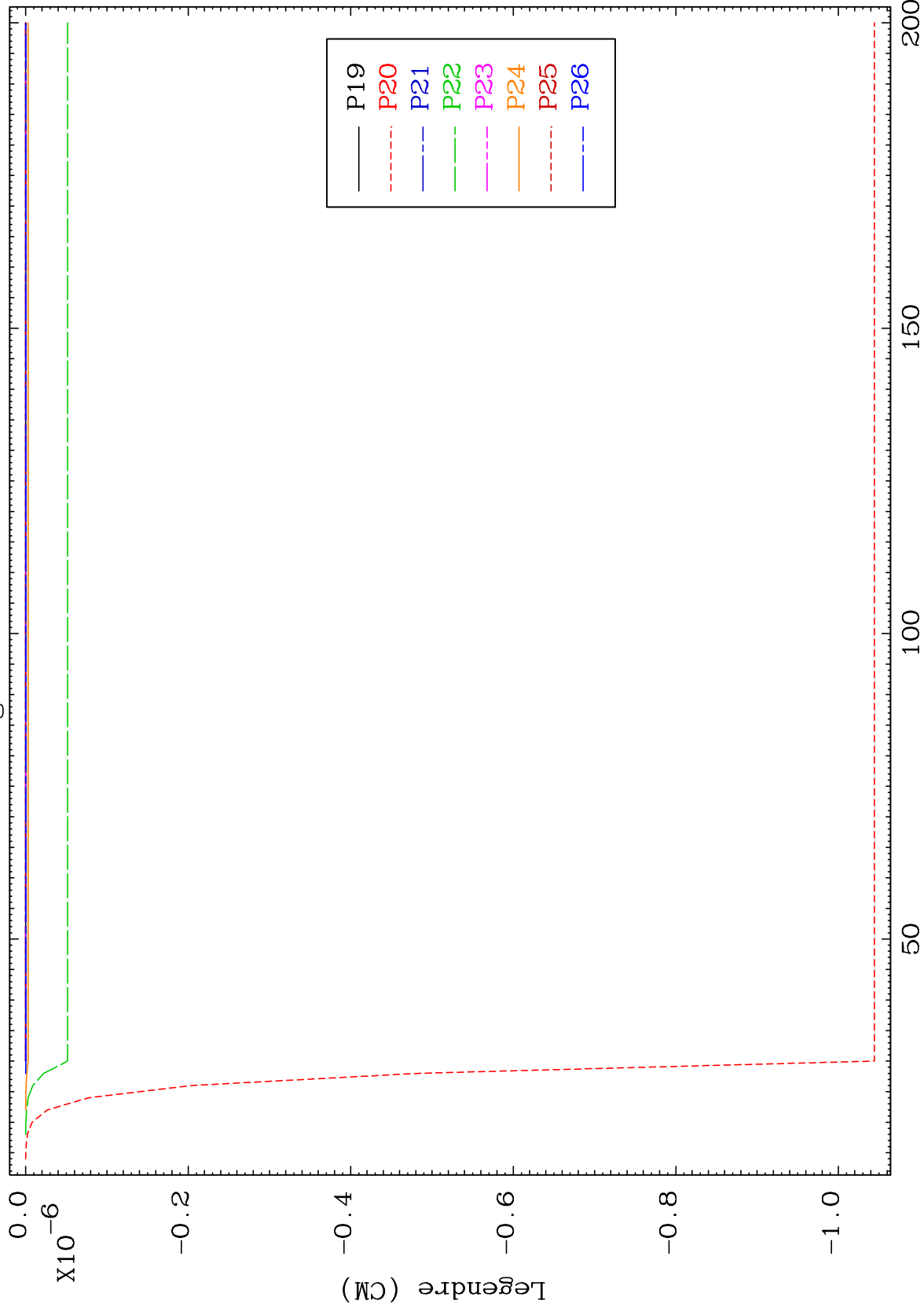
55-Cs-122



MAT 5492

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

55-Cs-122



71

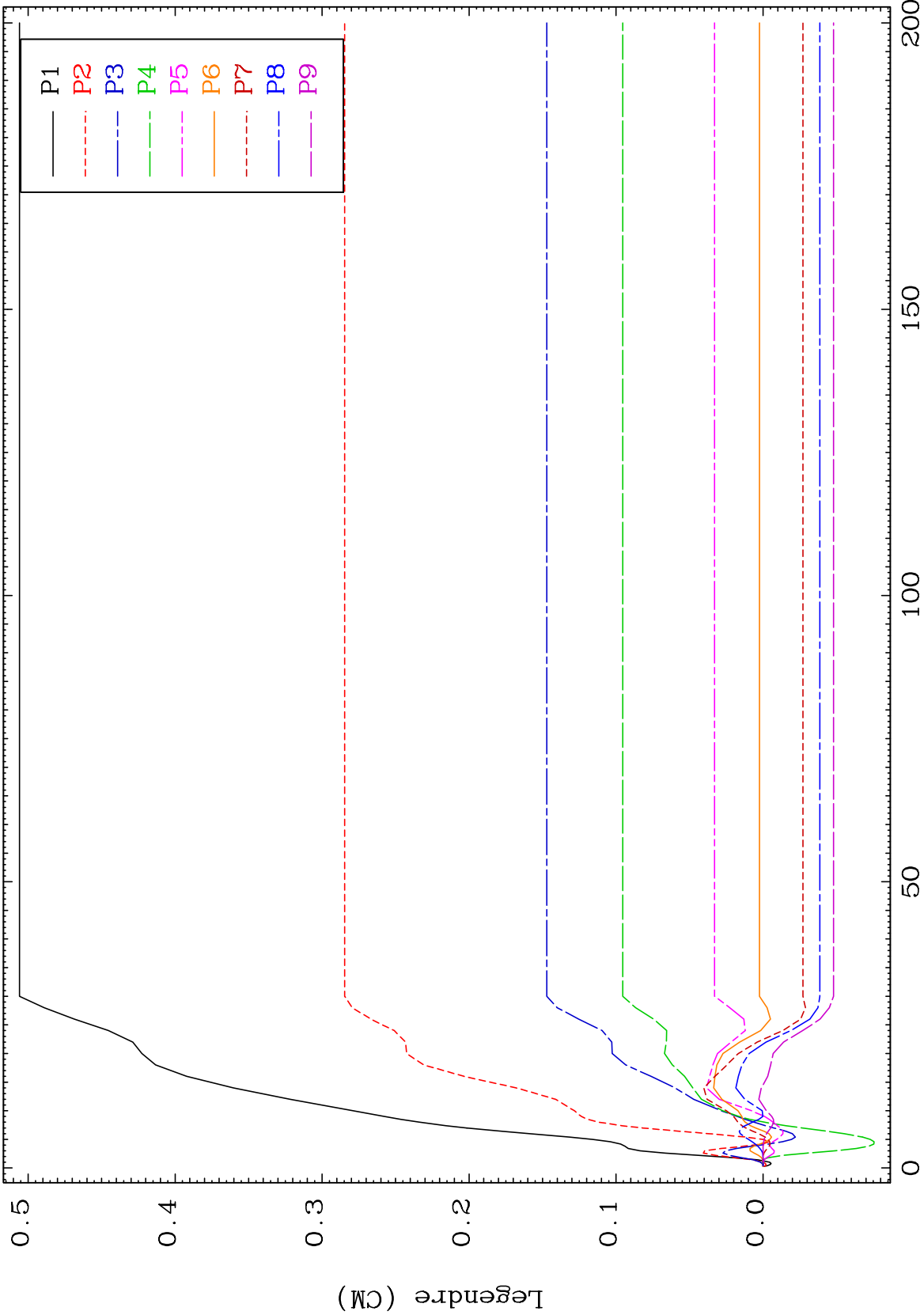
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



72

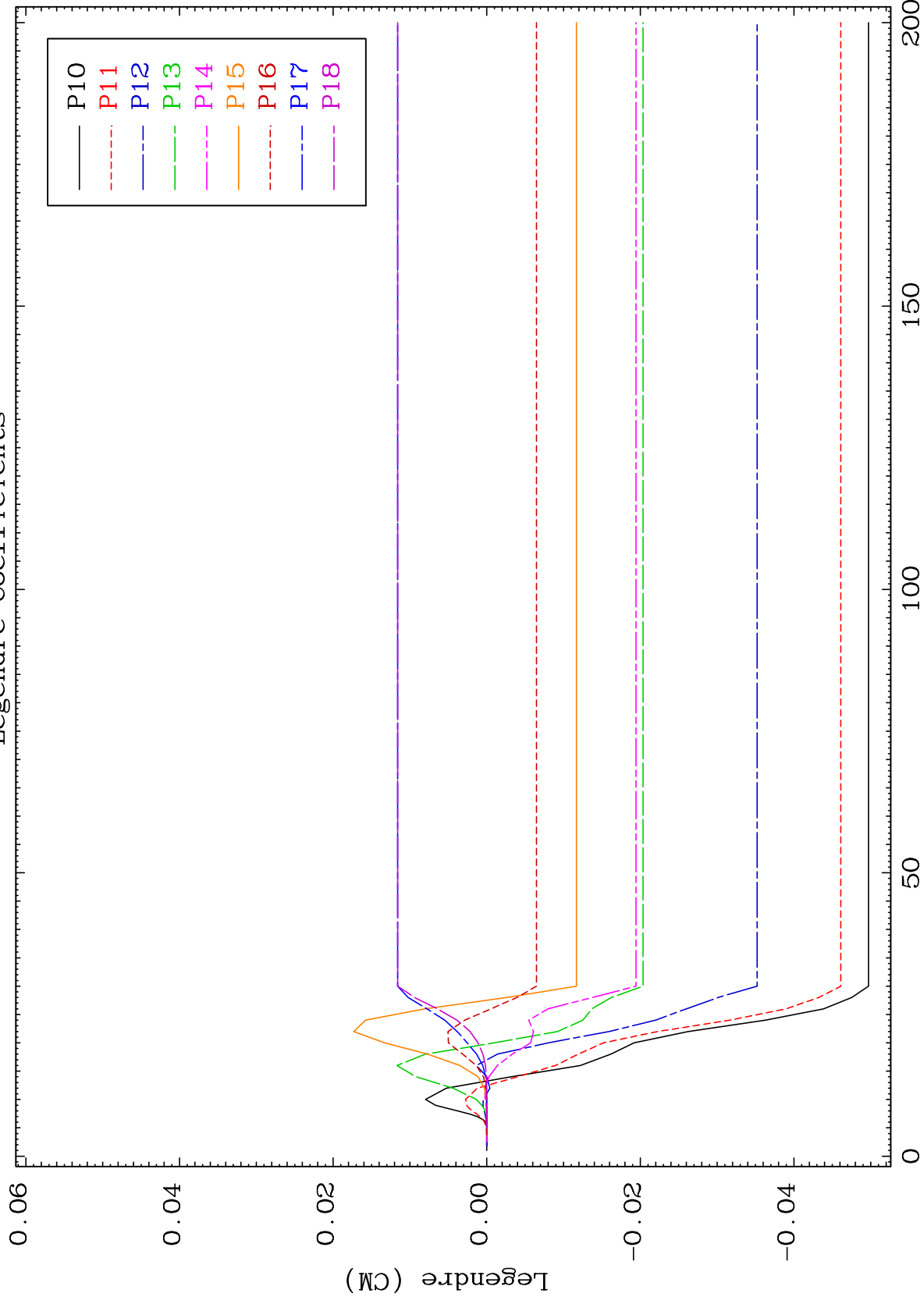
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



73

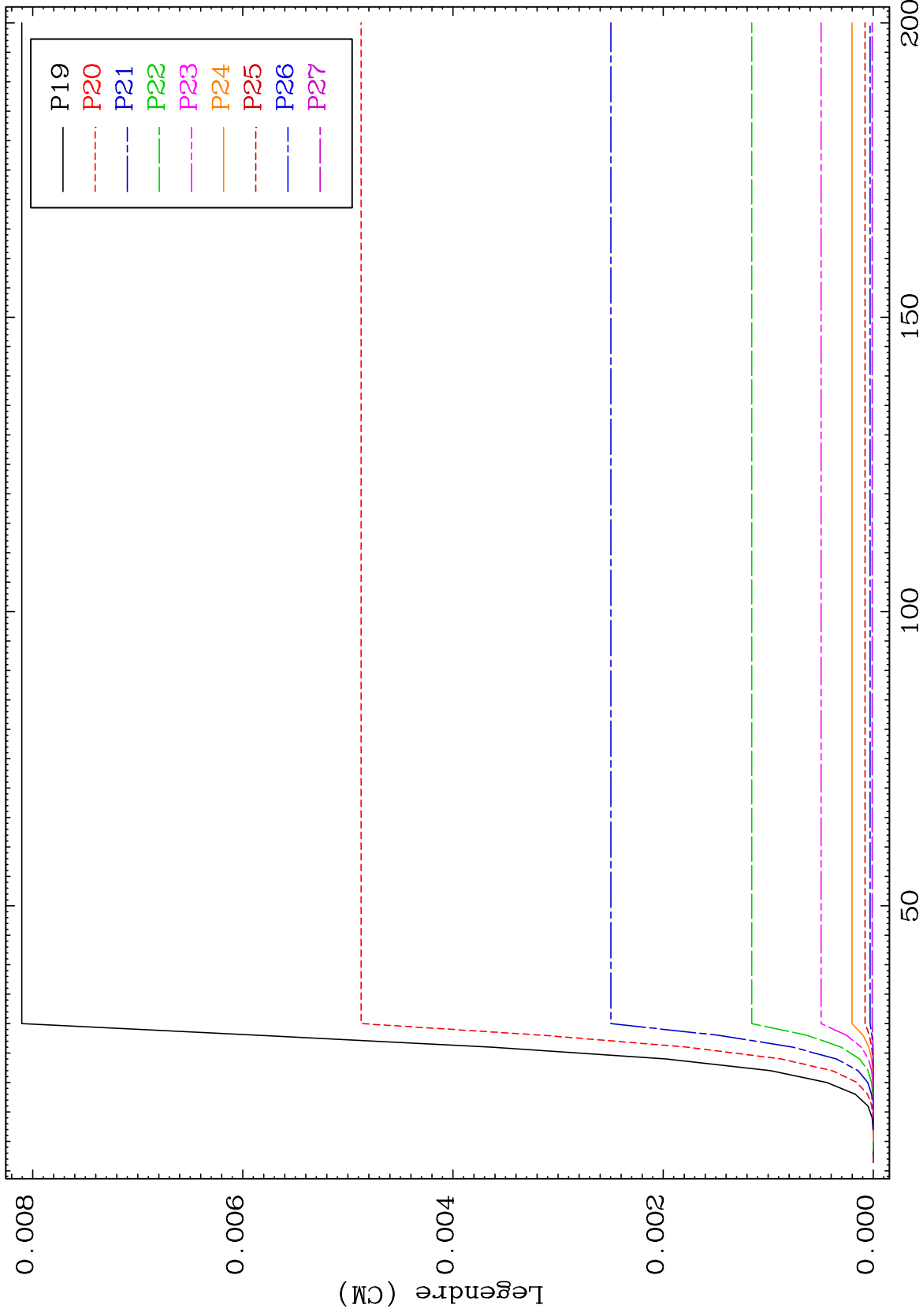
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



74

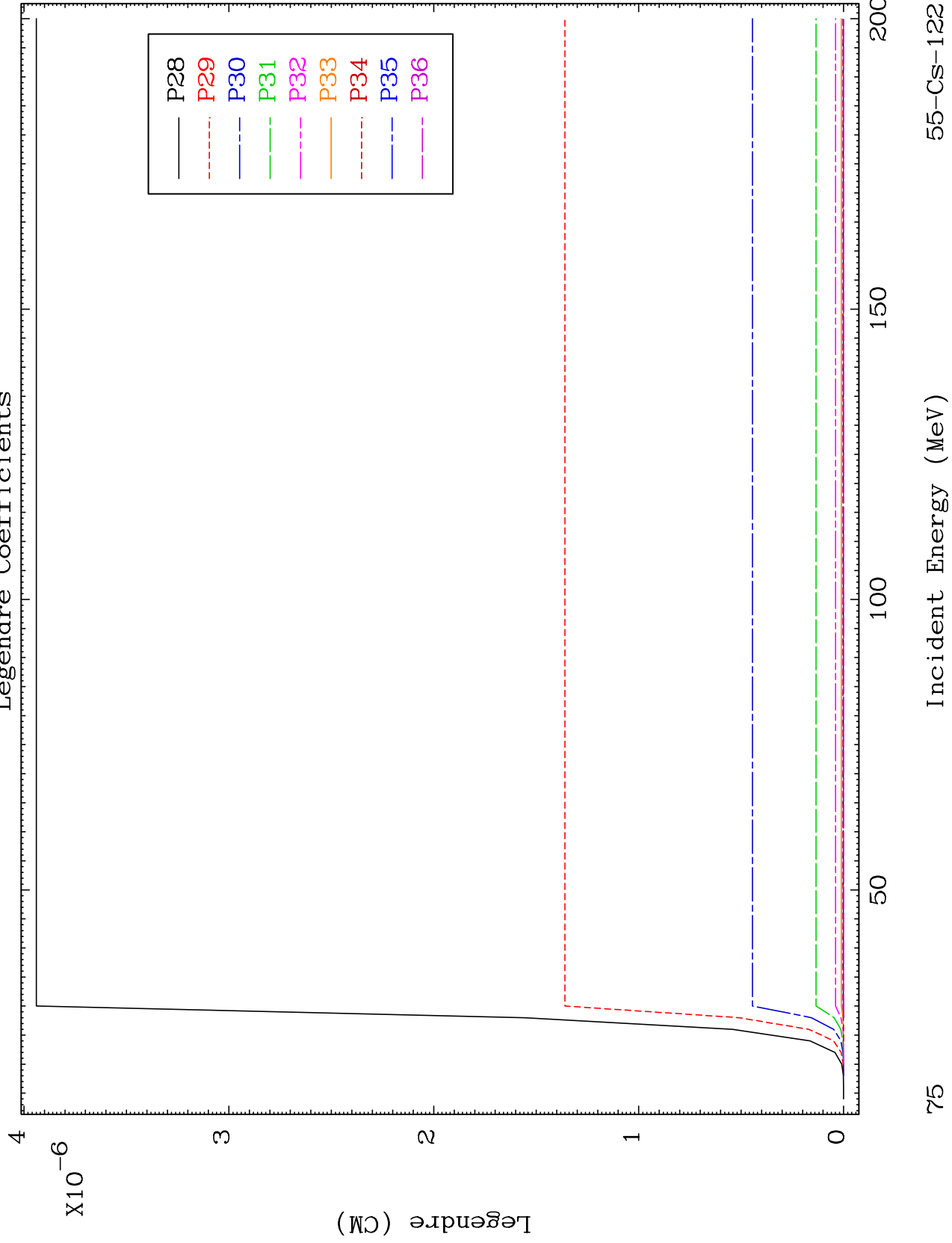
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

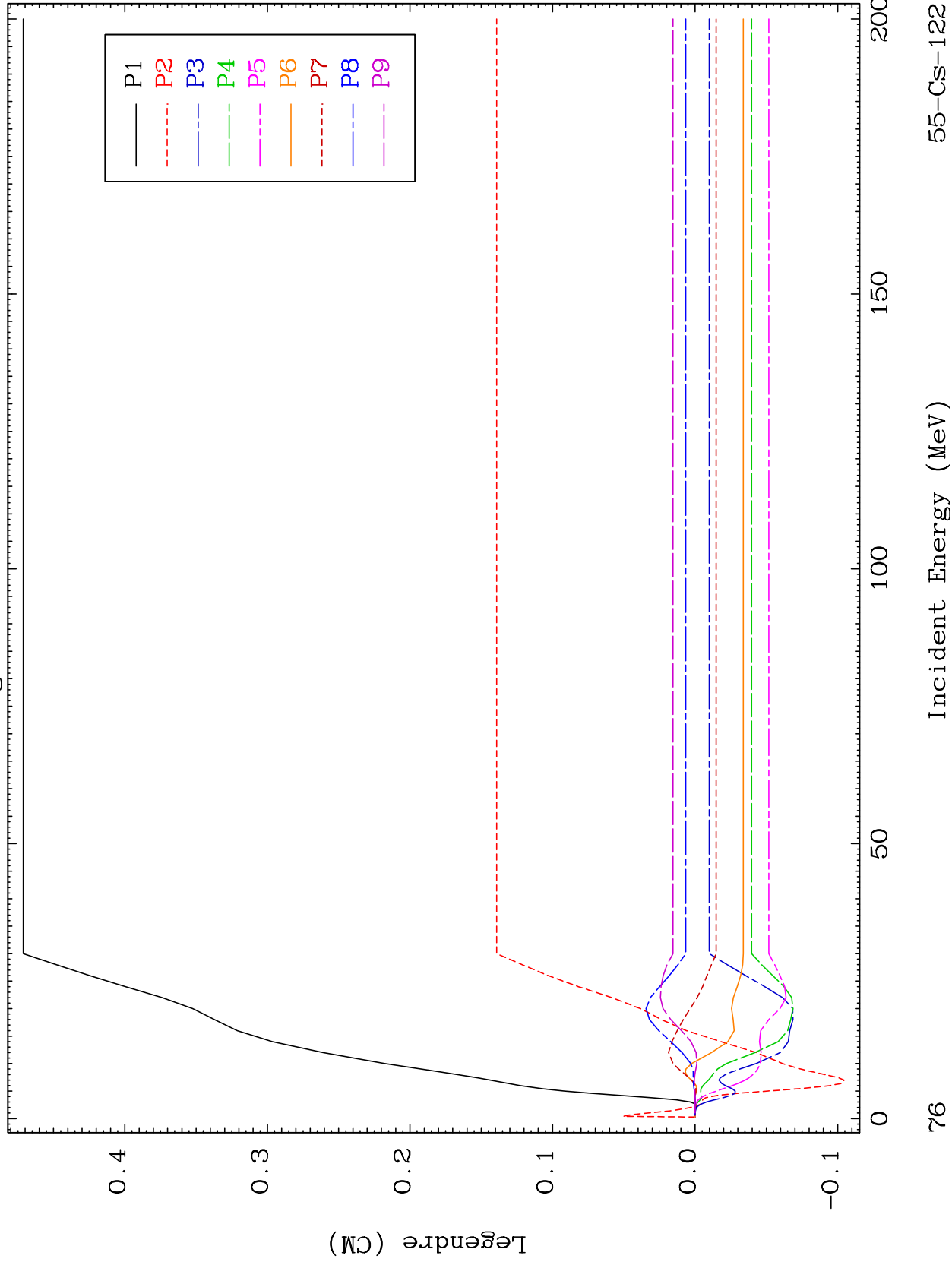
55-Cs-122



MAT 5492

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

55-Cs-122



55-Cs-122

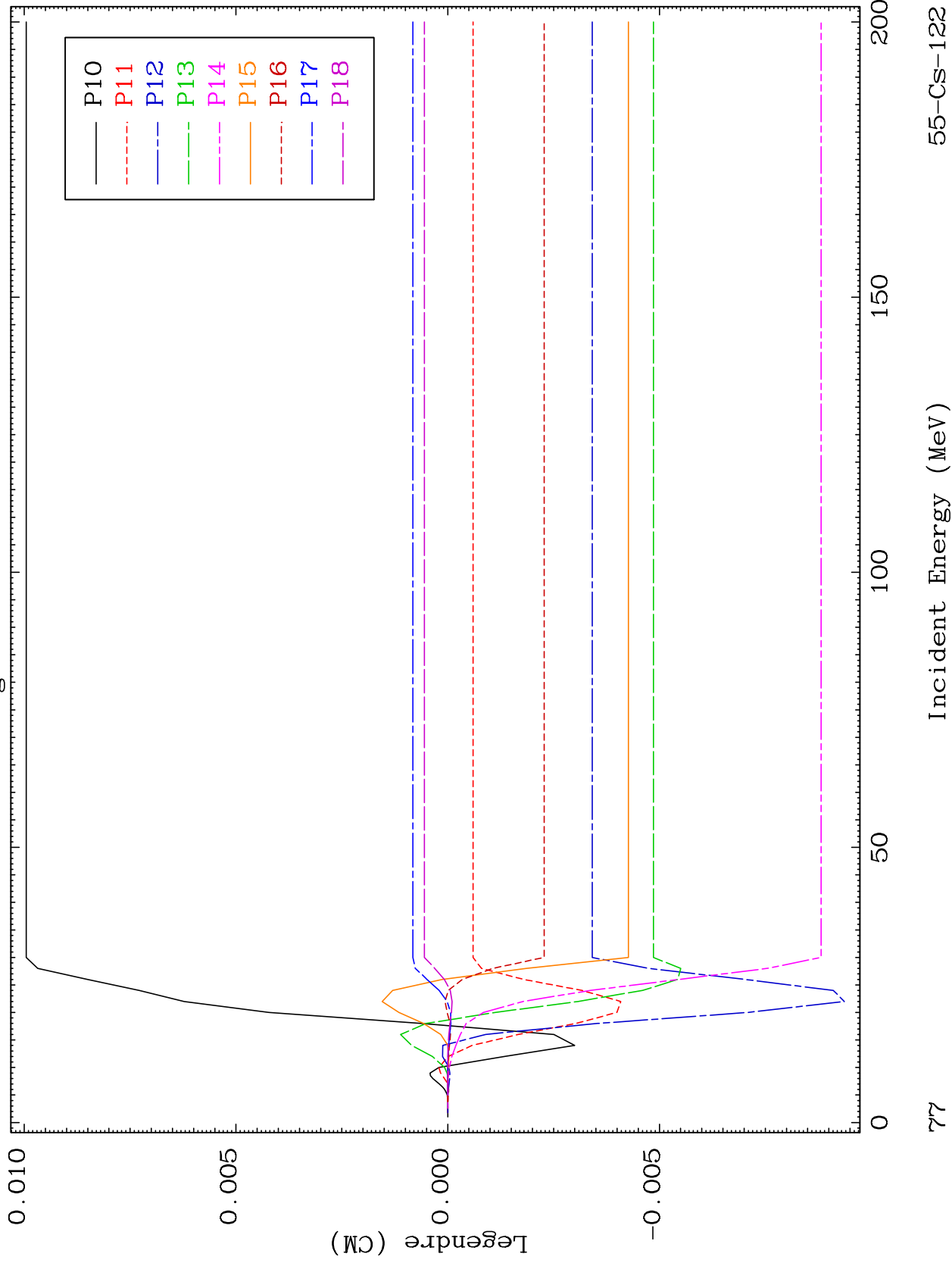
Incident Energy (MeV)

76

MAT 5492

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

55-Cs-122



77

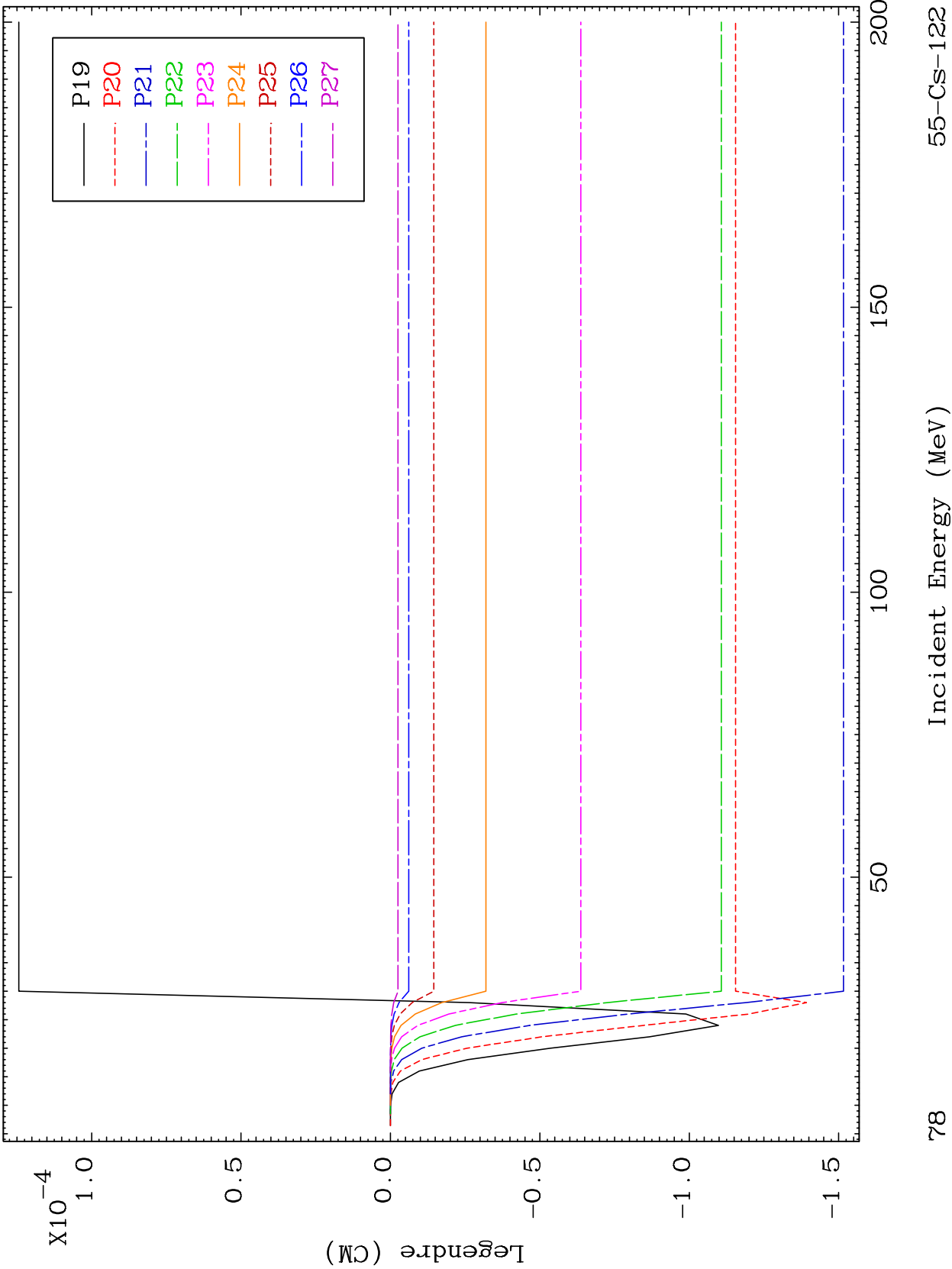
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



78

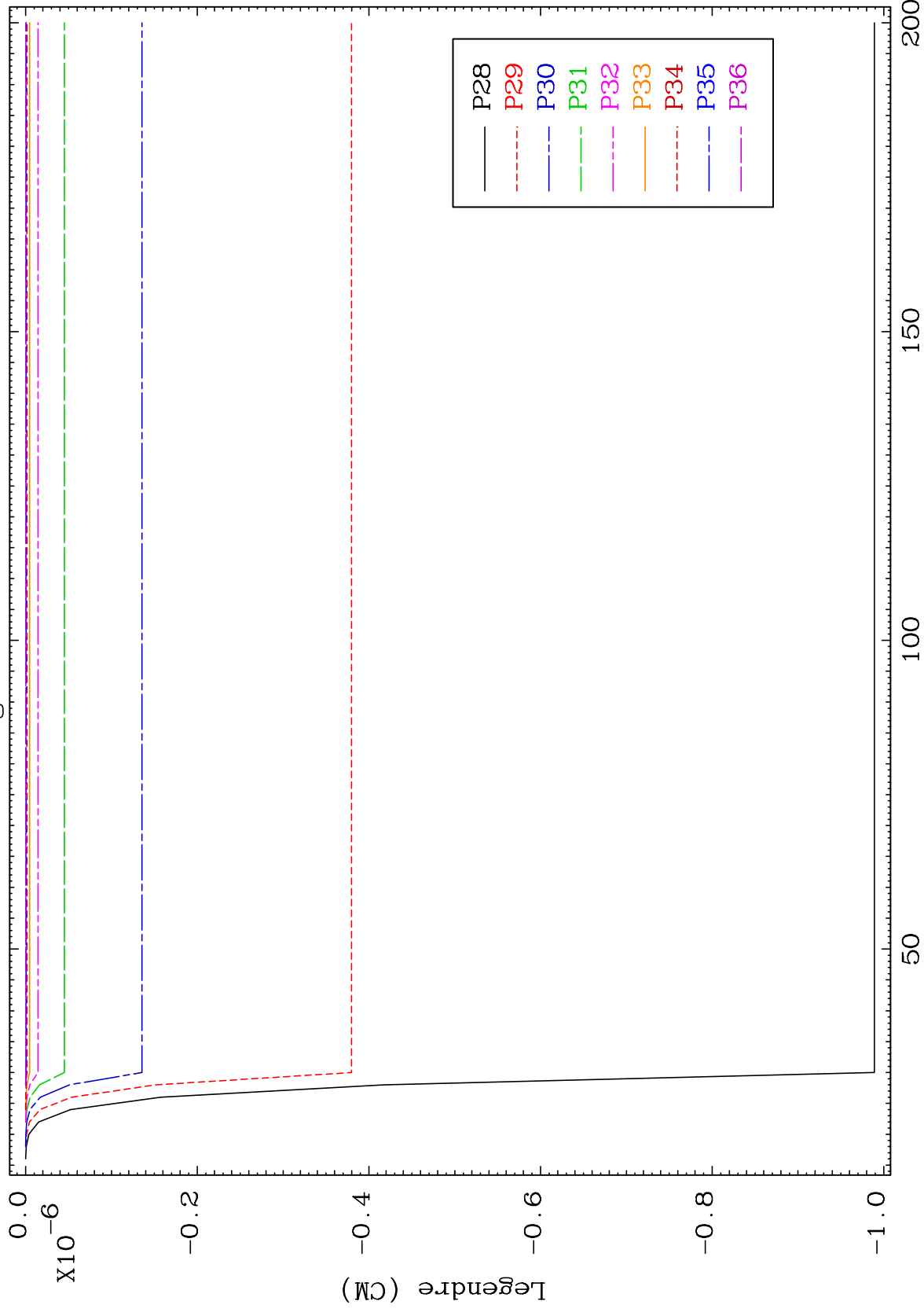
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



79

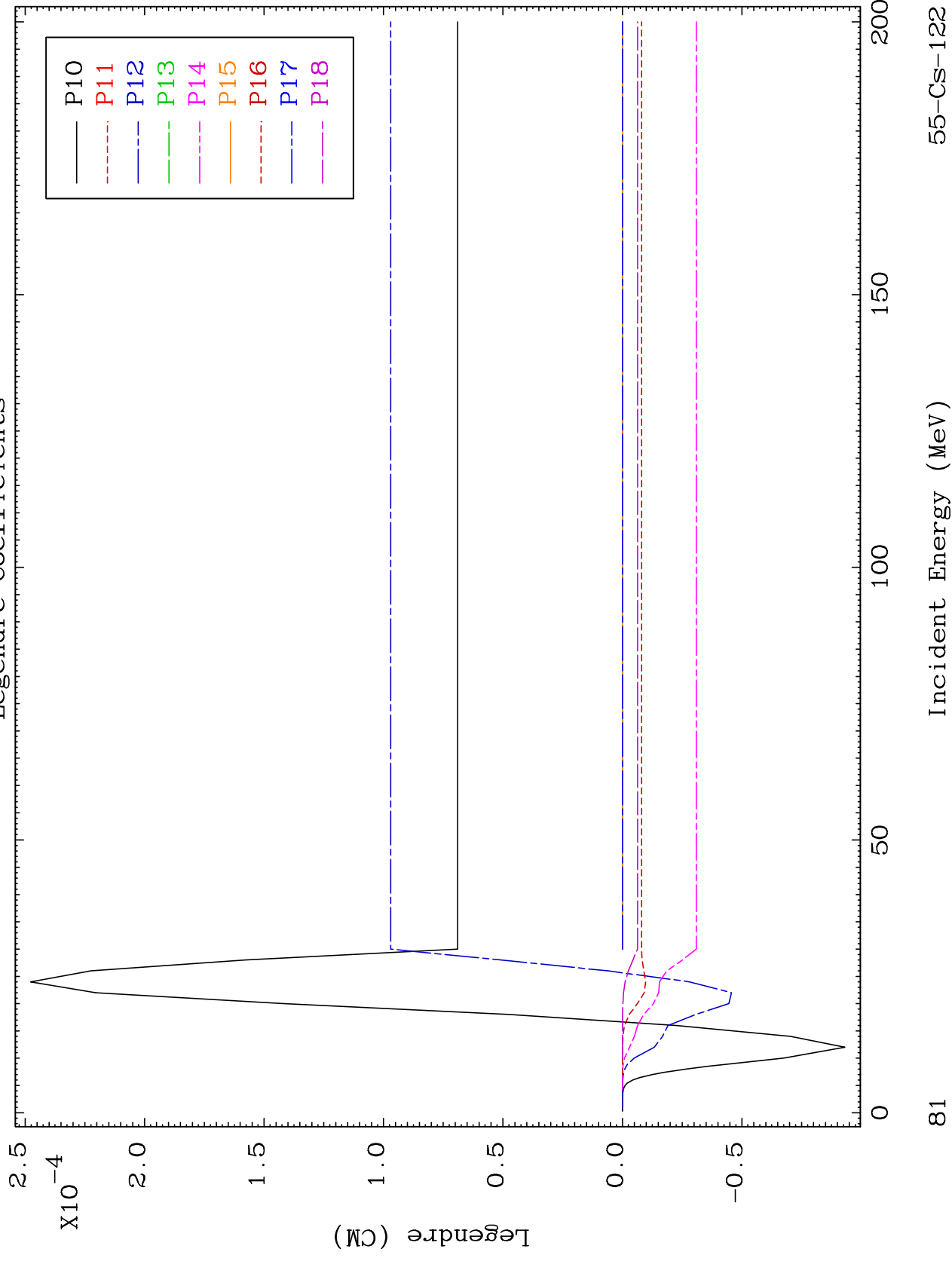
Incident Energy (MeV)

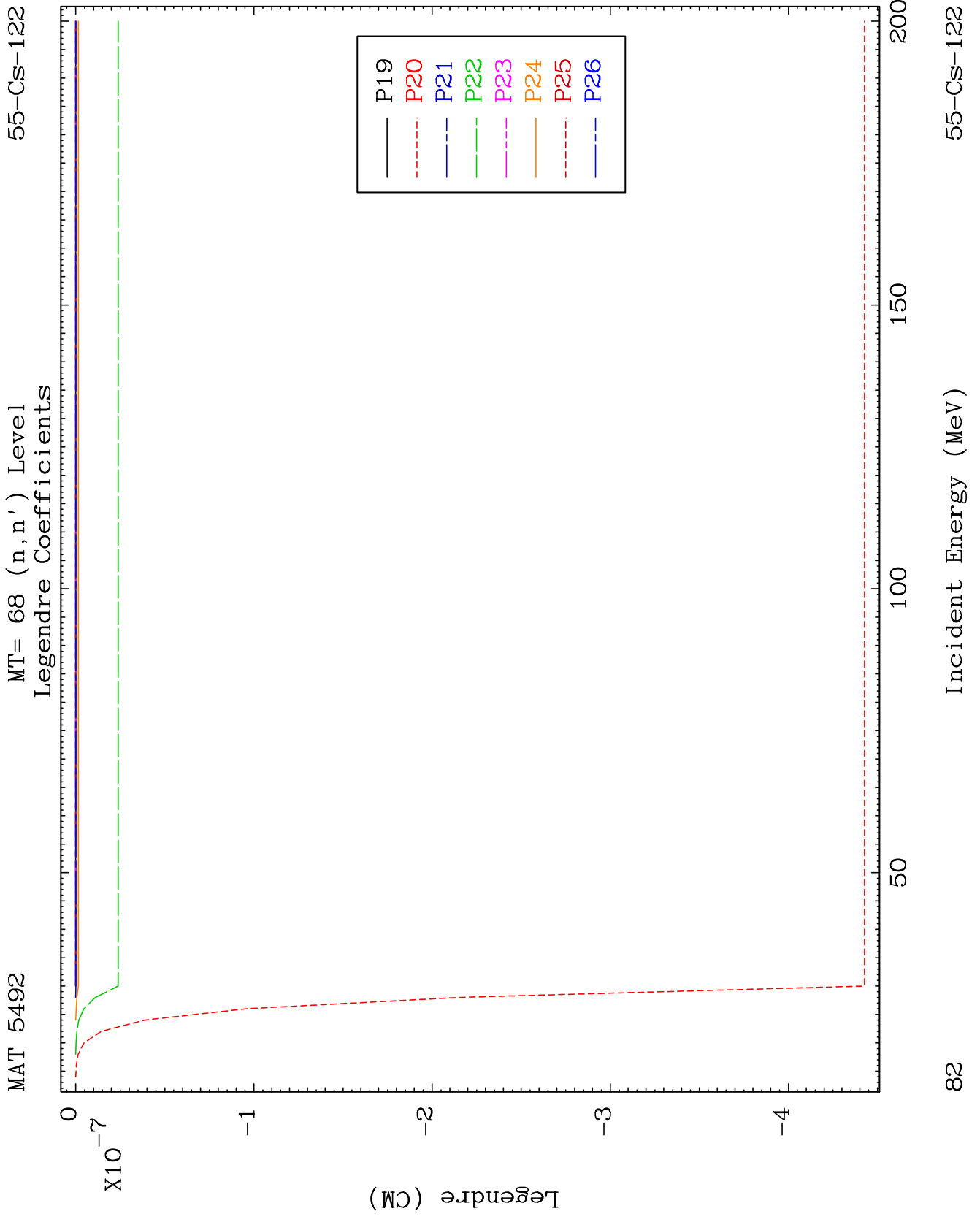
55-Cs-122

MAT 5492

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

55-Cs-122

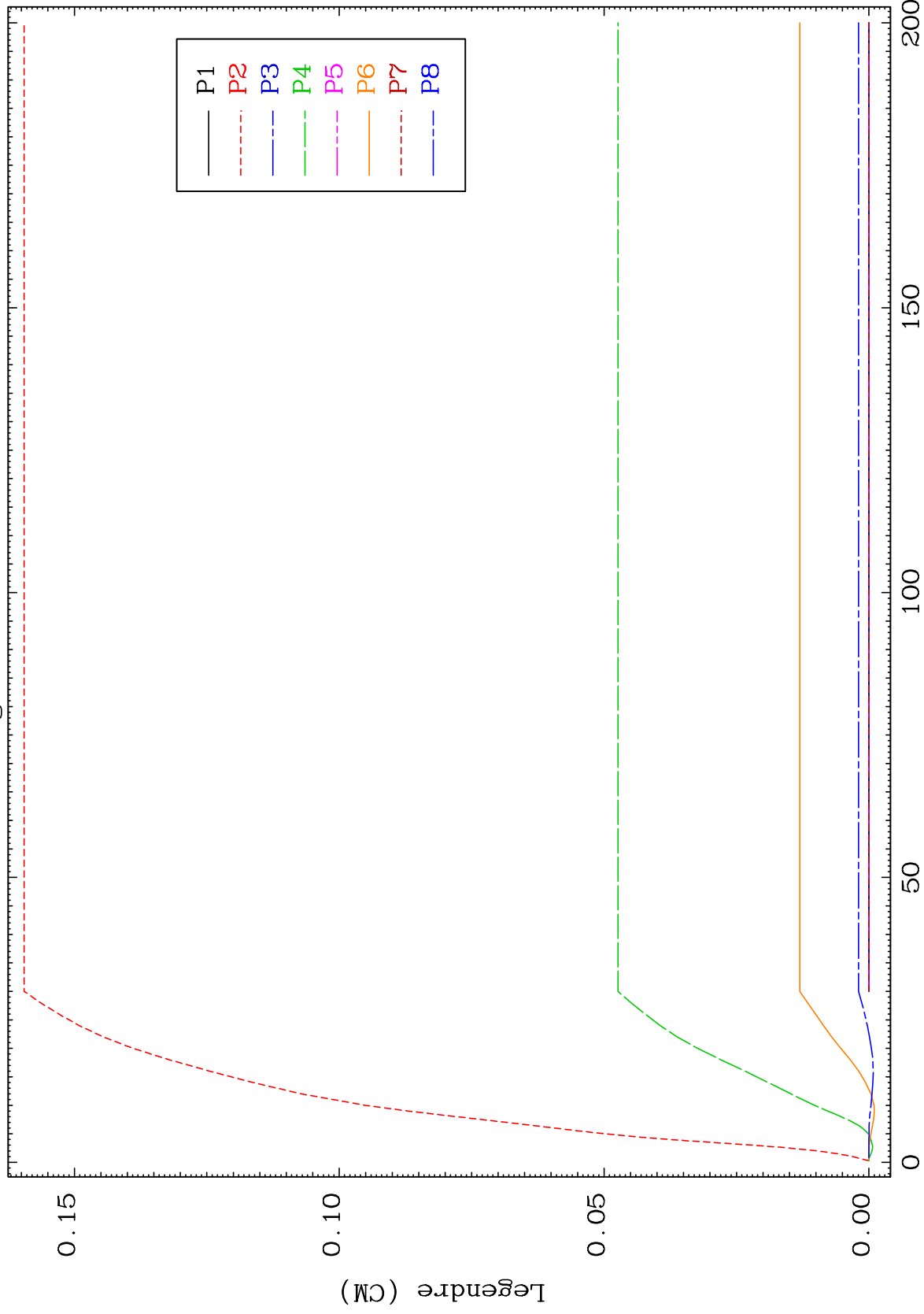




MAT 5492

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

55-Cs-122



83

Incident Energy (MeV)

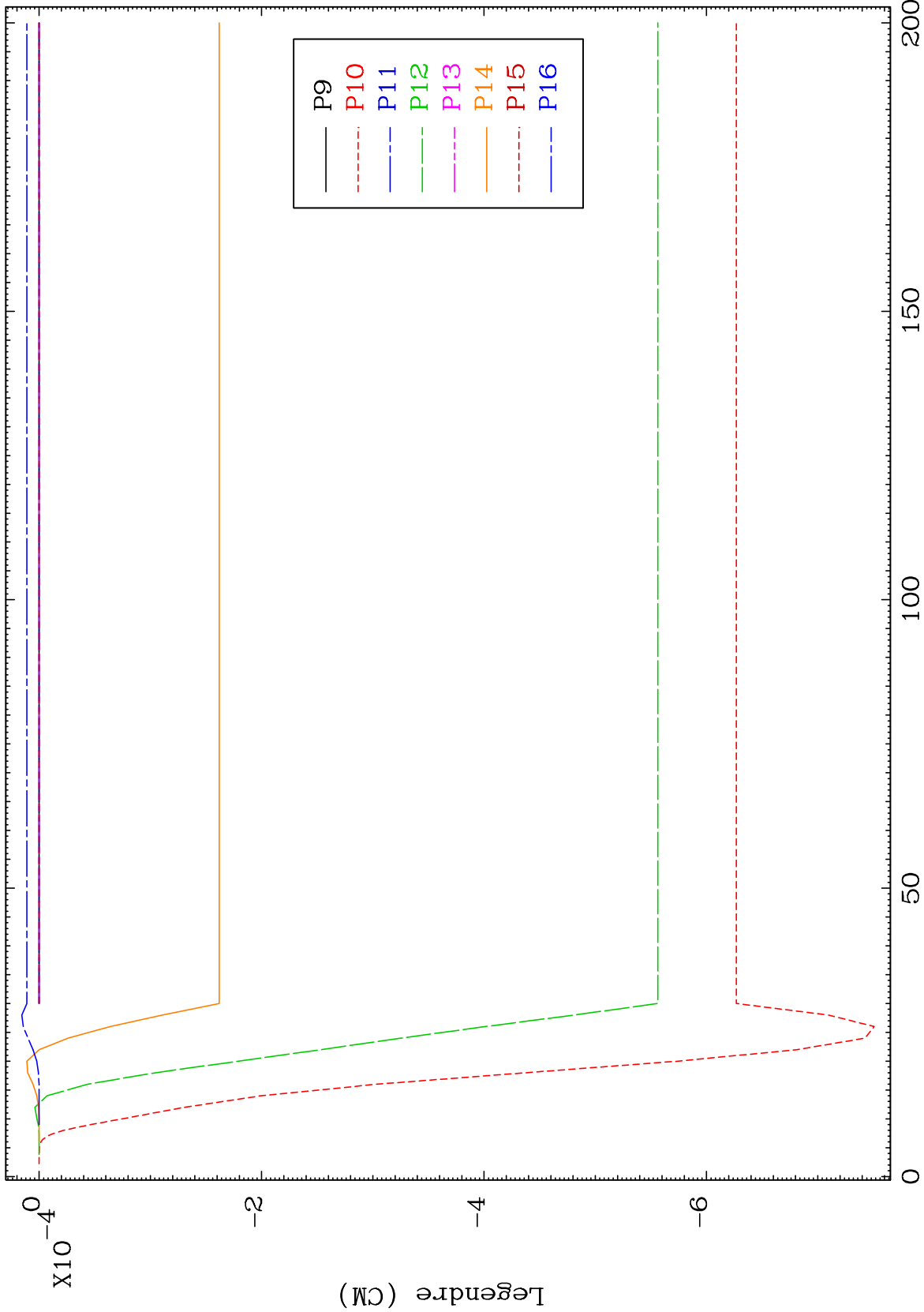
55-Cs-122

MAT 5492

MT= 69 (n,n') Level

55-Cs-122

Legendre Coefficients



84

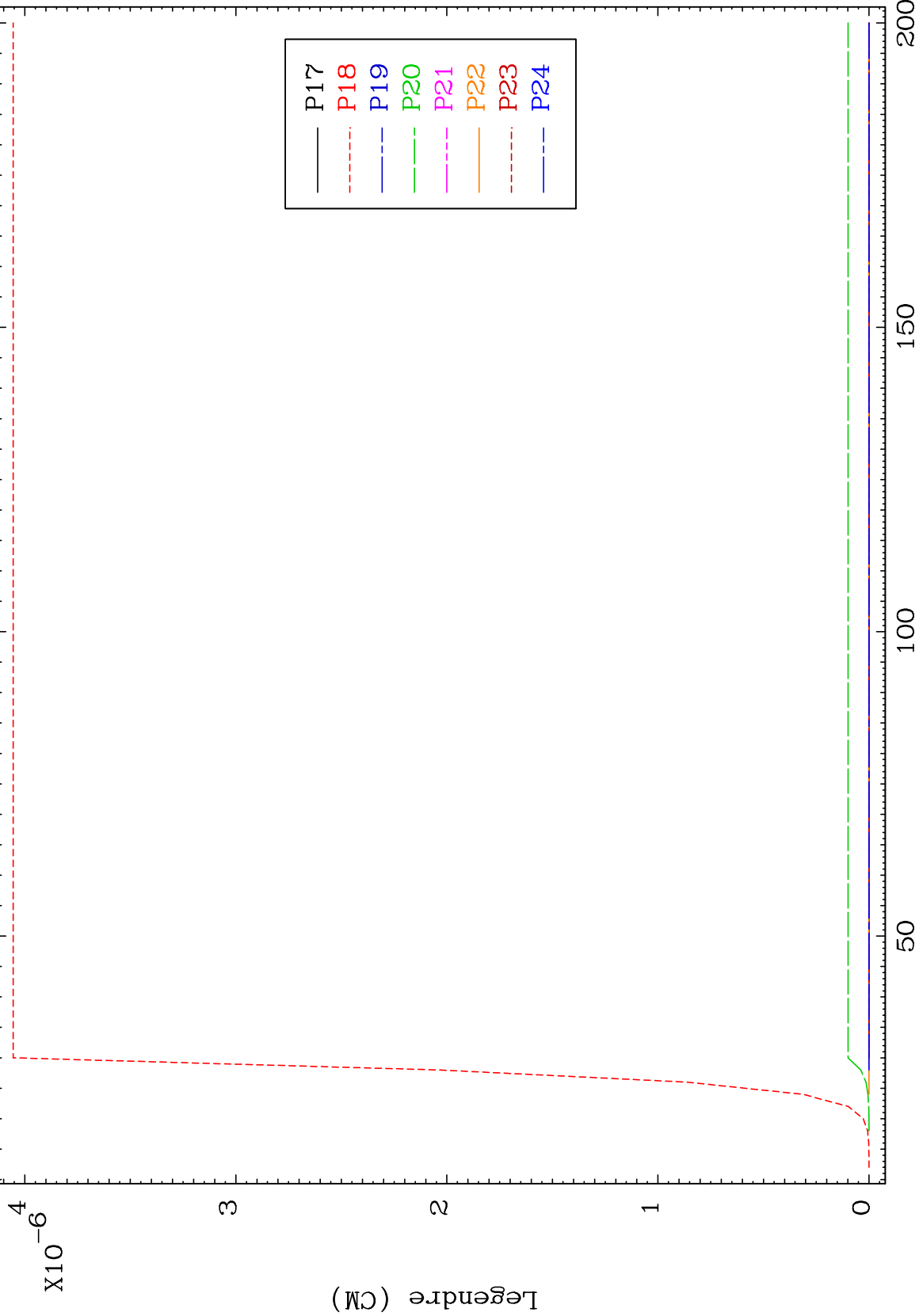
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



85

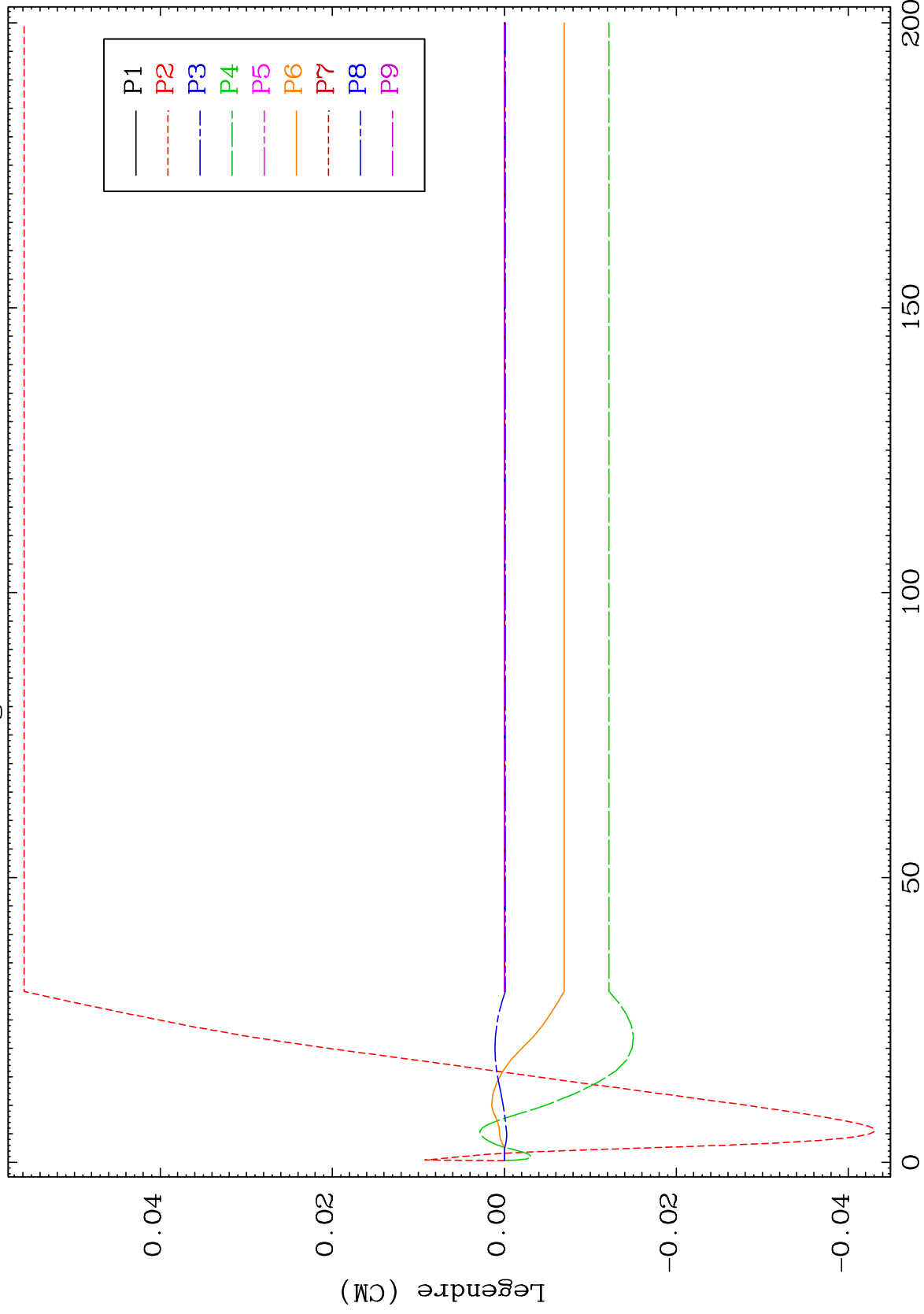
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



86

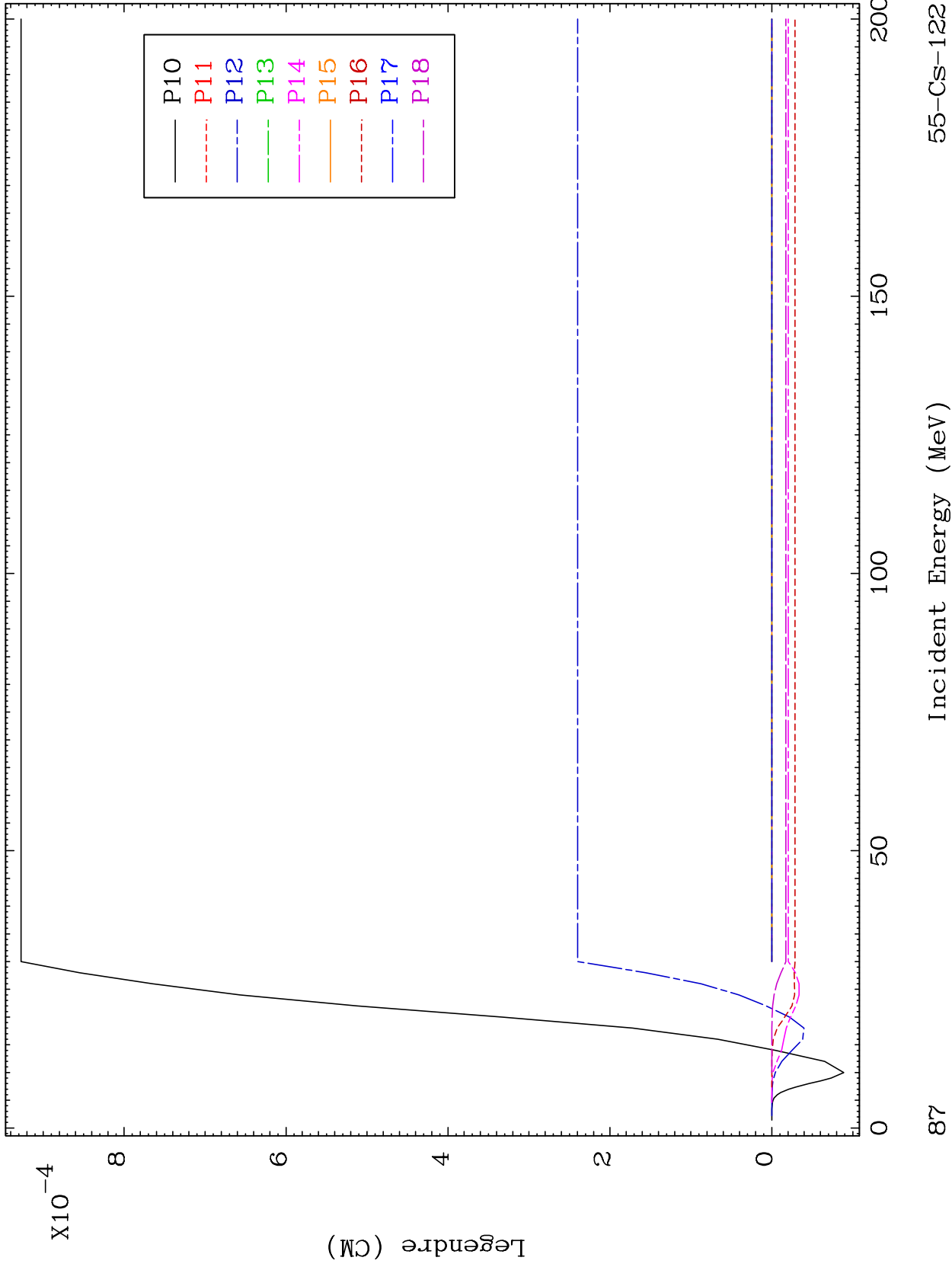
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

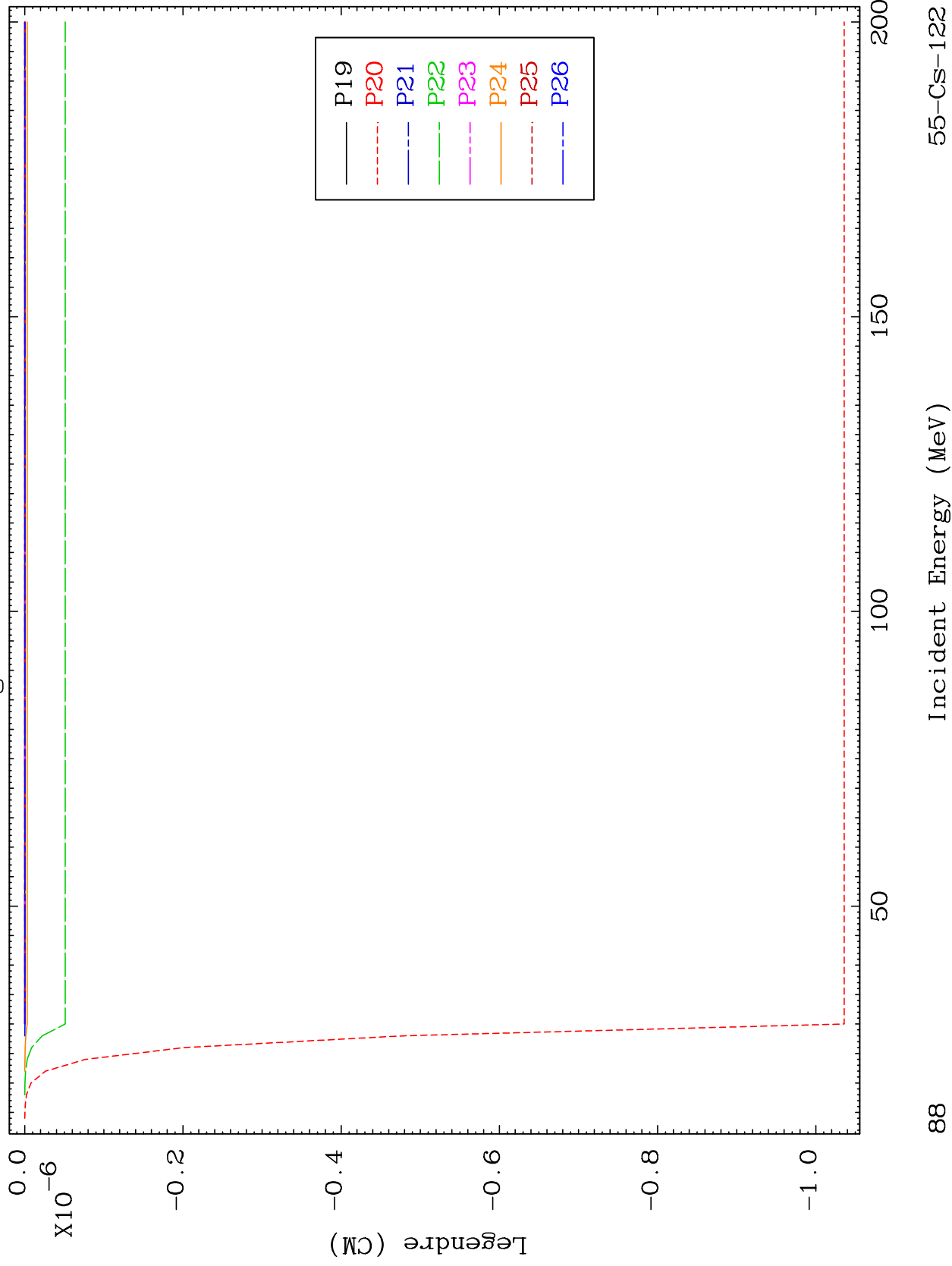
55-Cs-122



MAT 5492

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

55-Cs-122



88

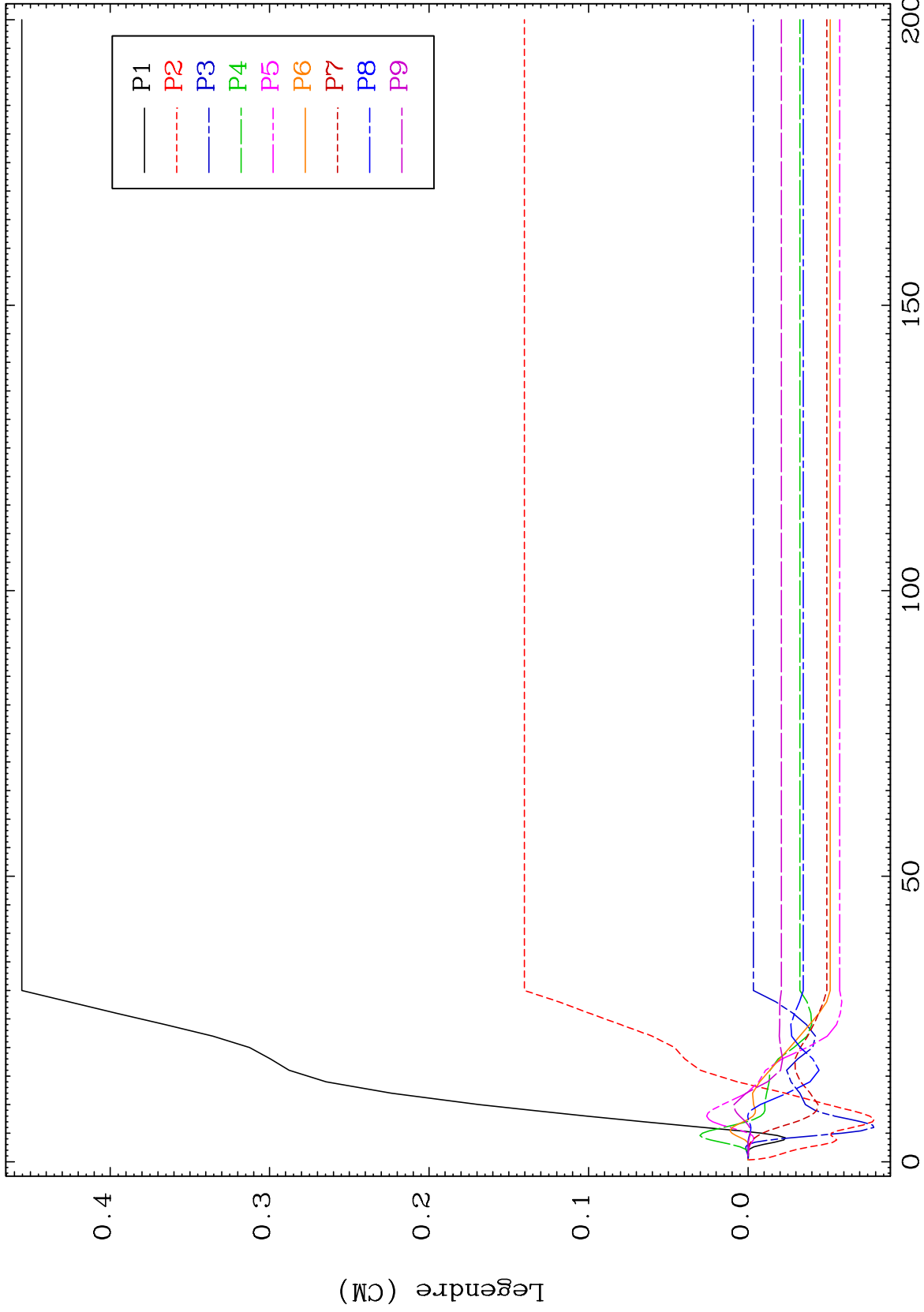
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



89

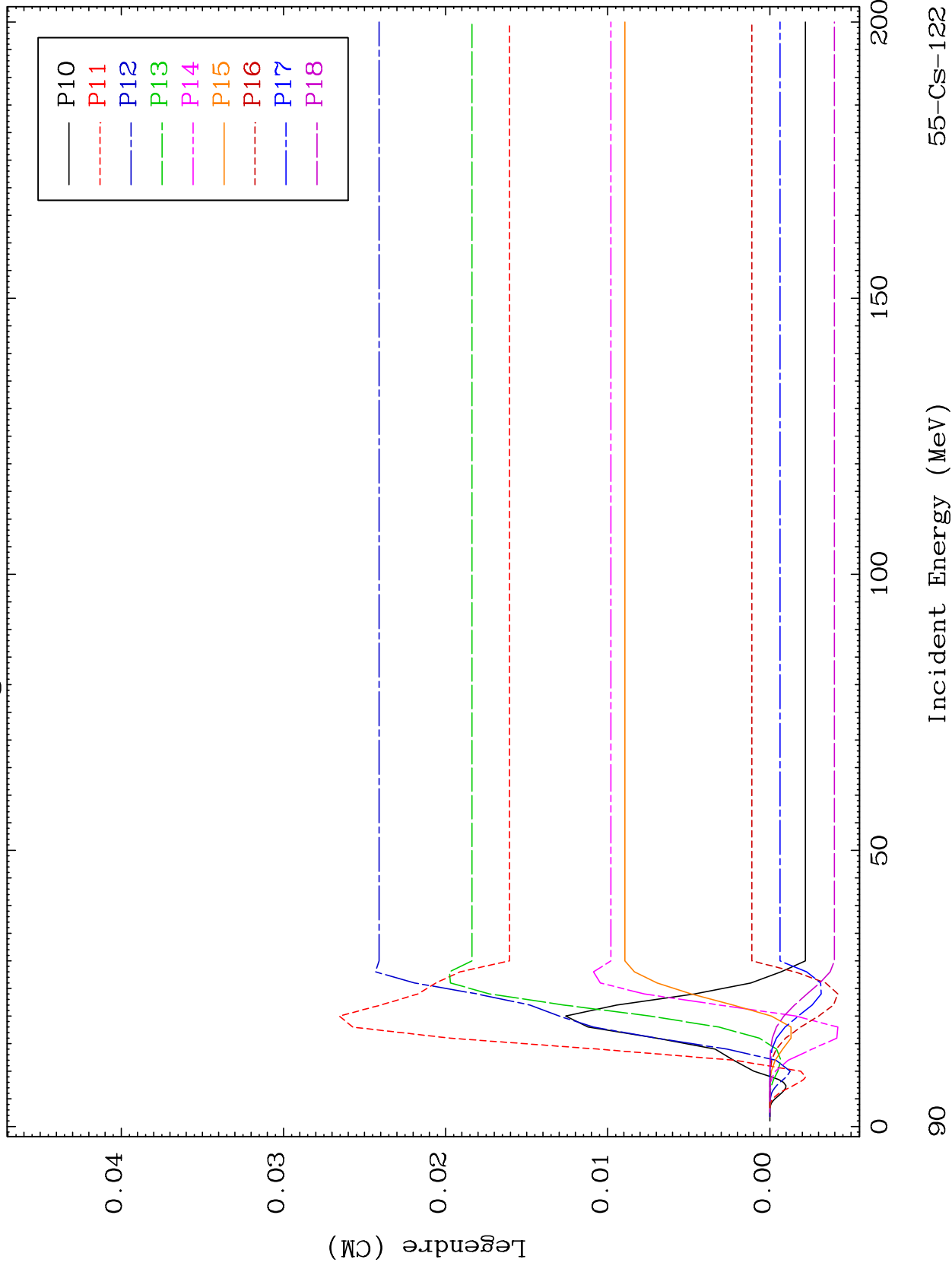
Incident Energy (MeV)

55-Cs-122

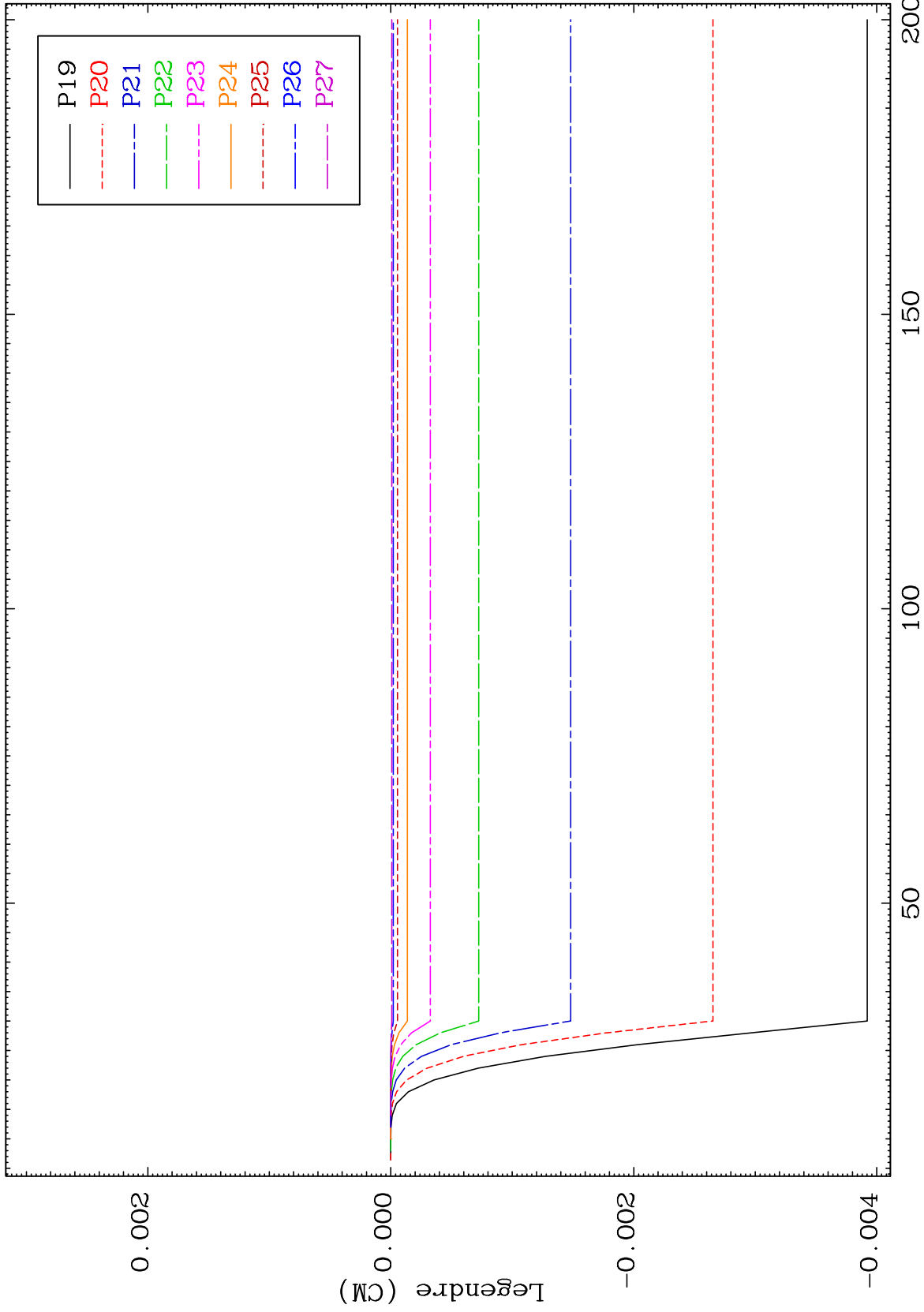
MAT 5492

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

55-Cs-122



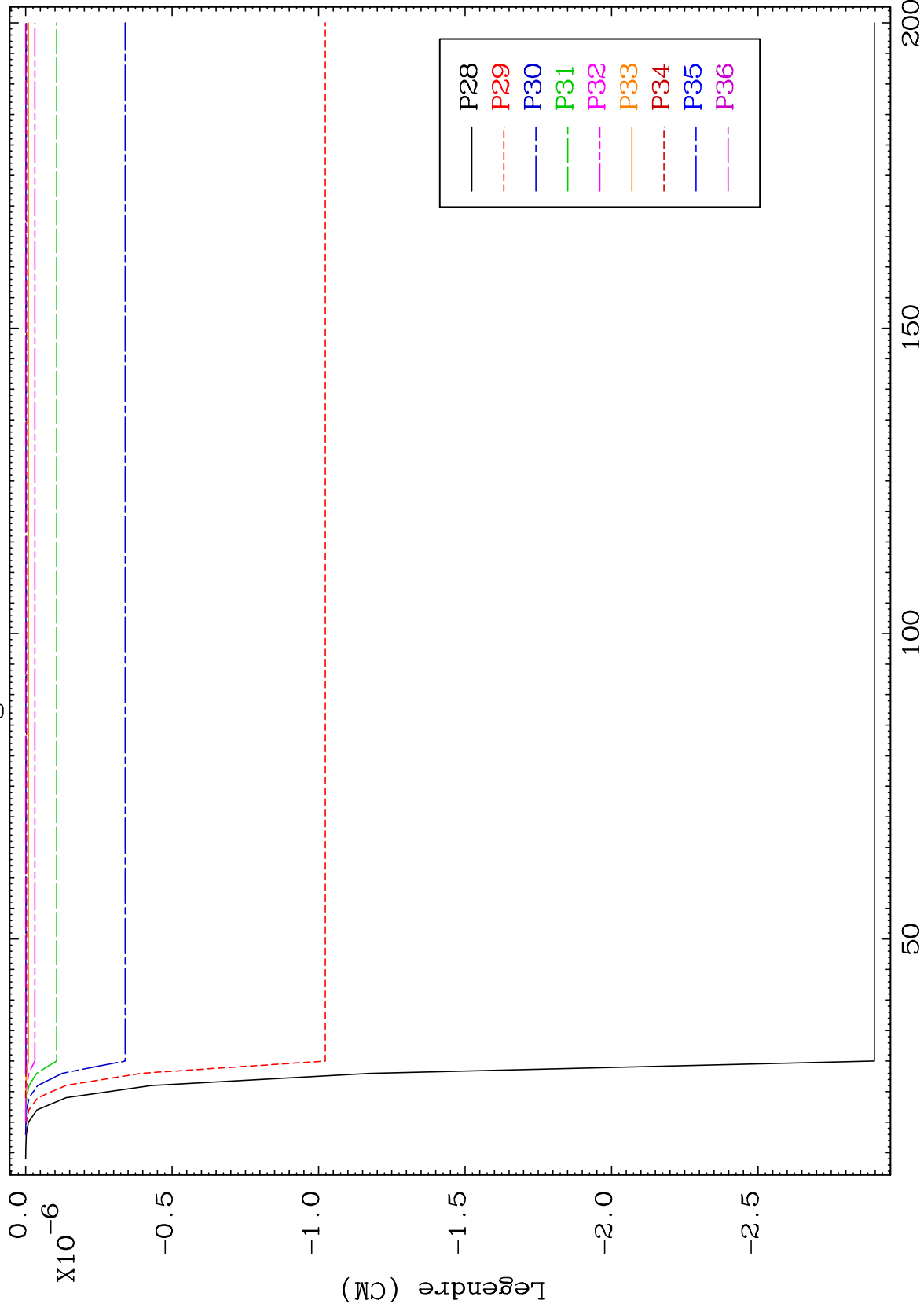
55-Cs-122



MAT 5492

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

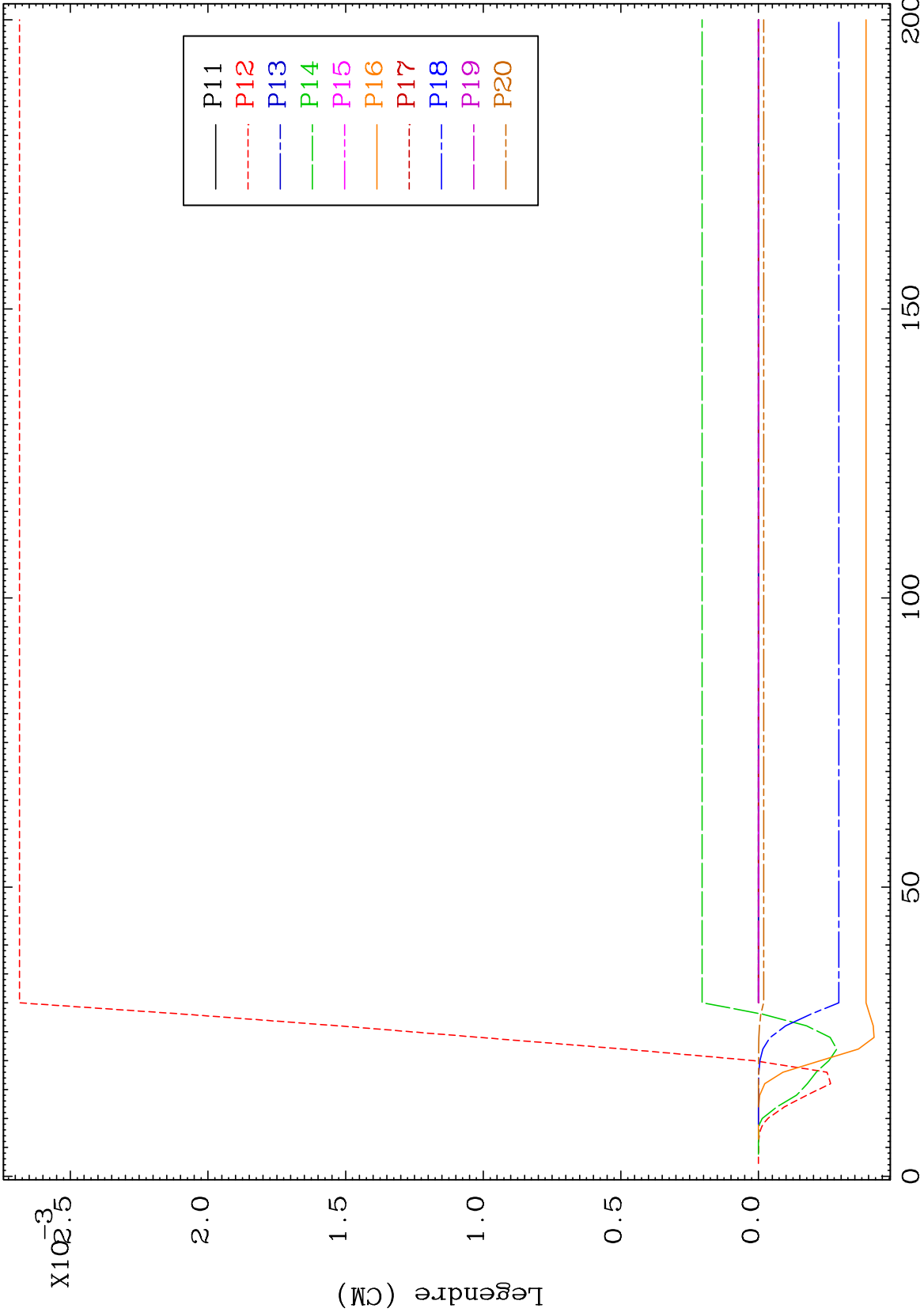
55-Cs-122



MAT 5492

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

55-Cs-122



94

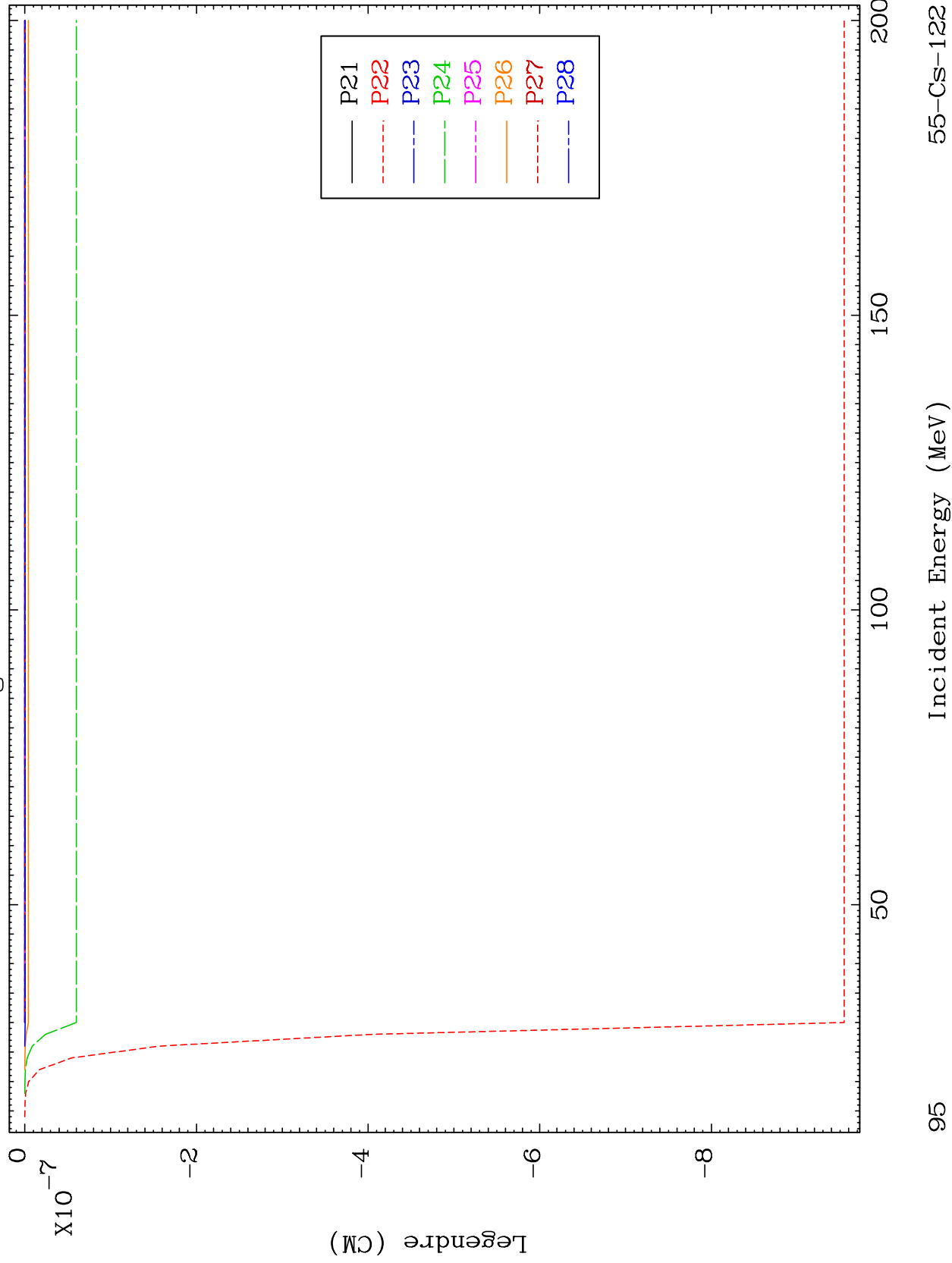
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

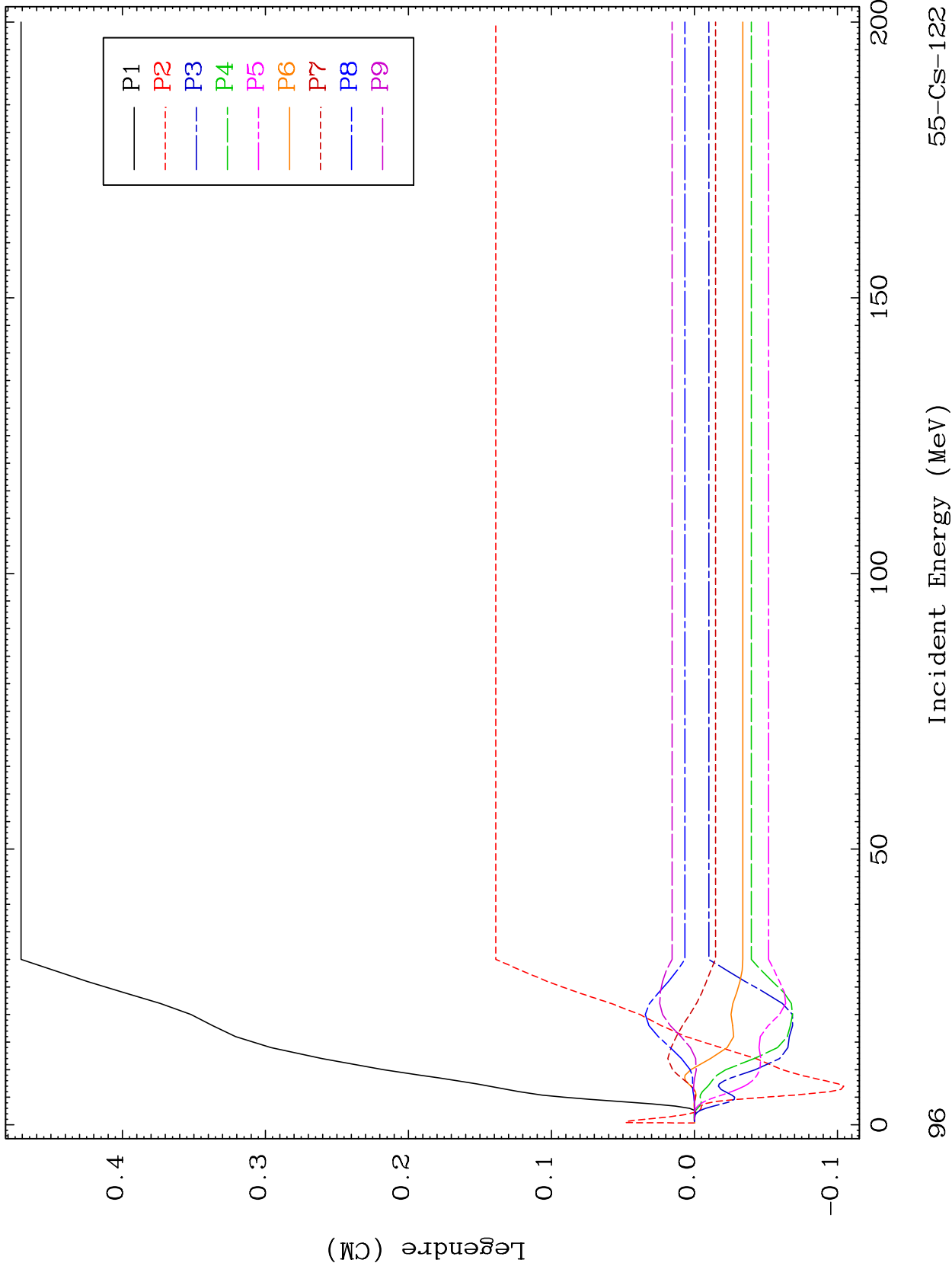
55-Cs-122



MAT 5492

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

55-Cs-122



55-Cs-122

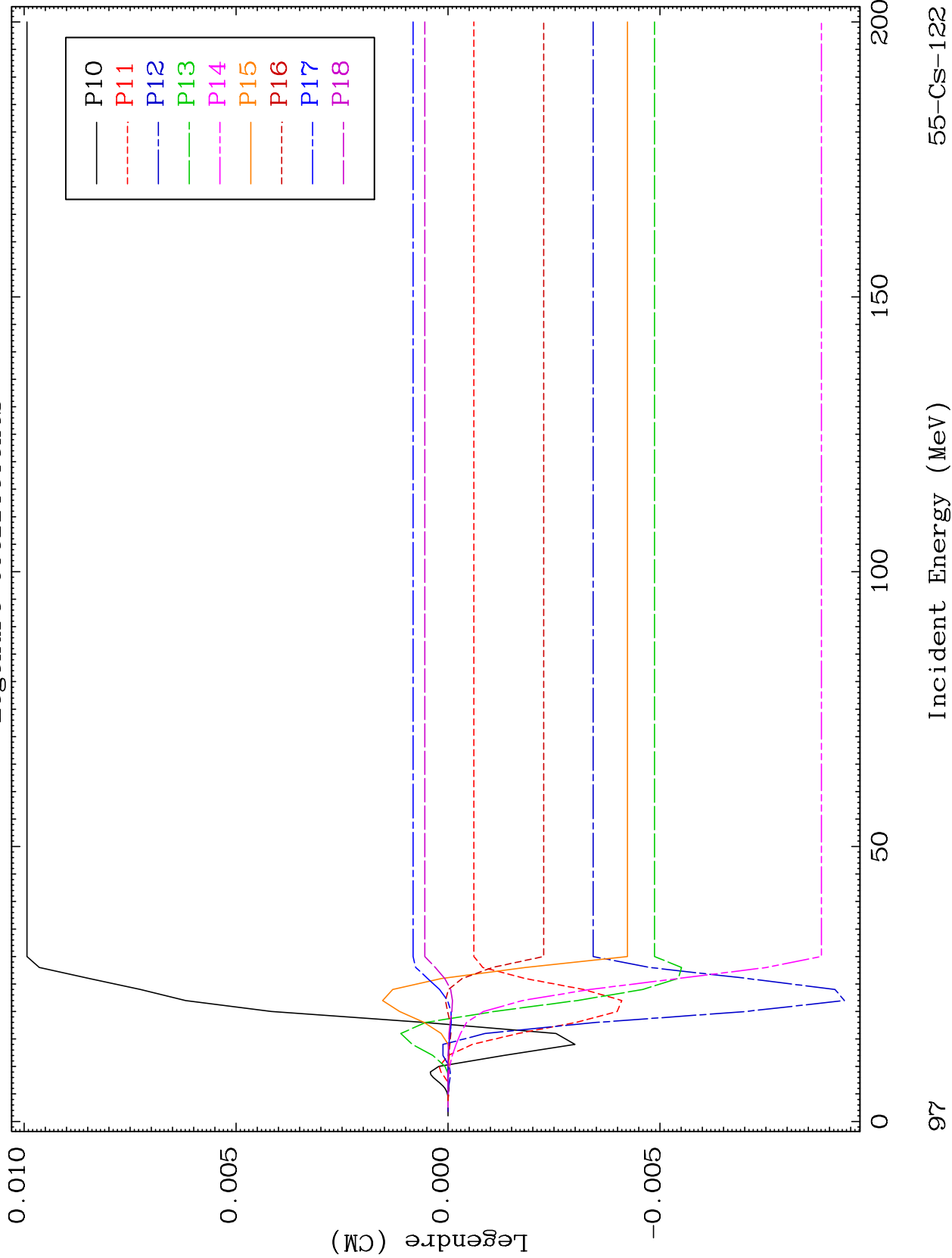
Incident Energy (MeV)

96

MAT 5492

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

55-Cs-122



97

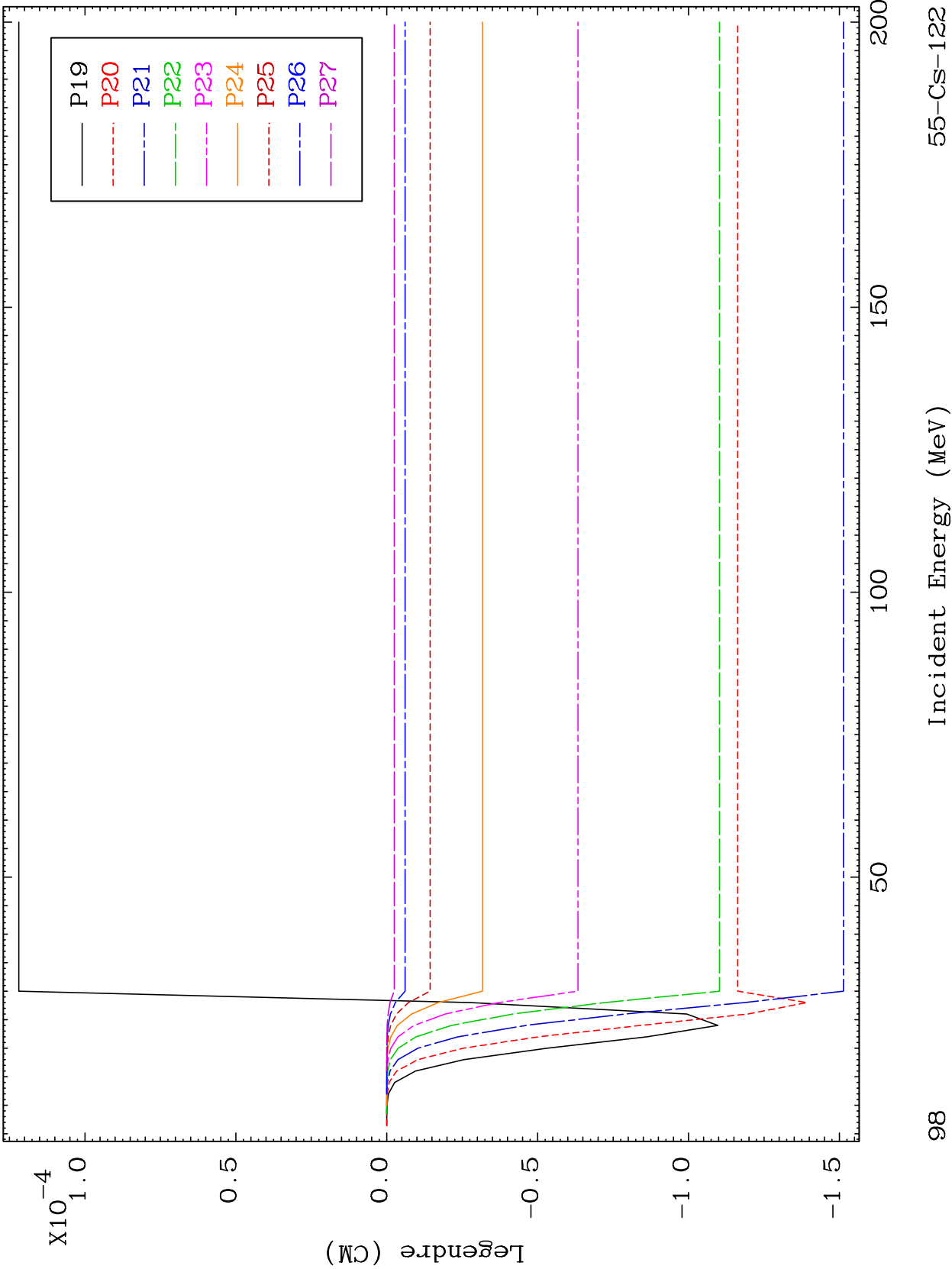
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



98

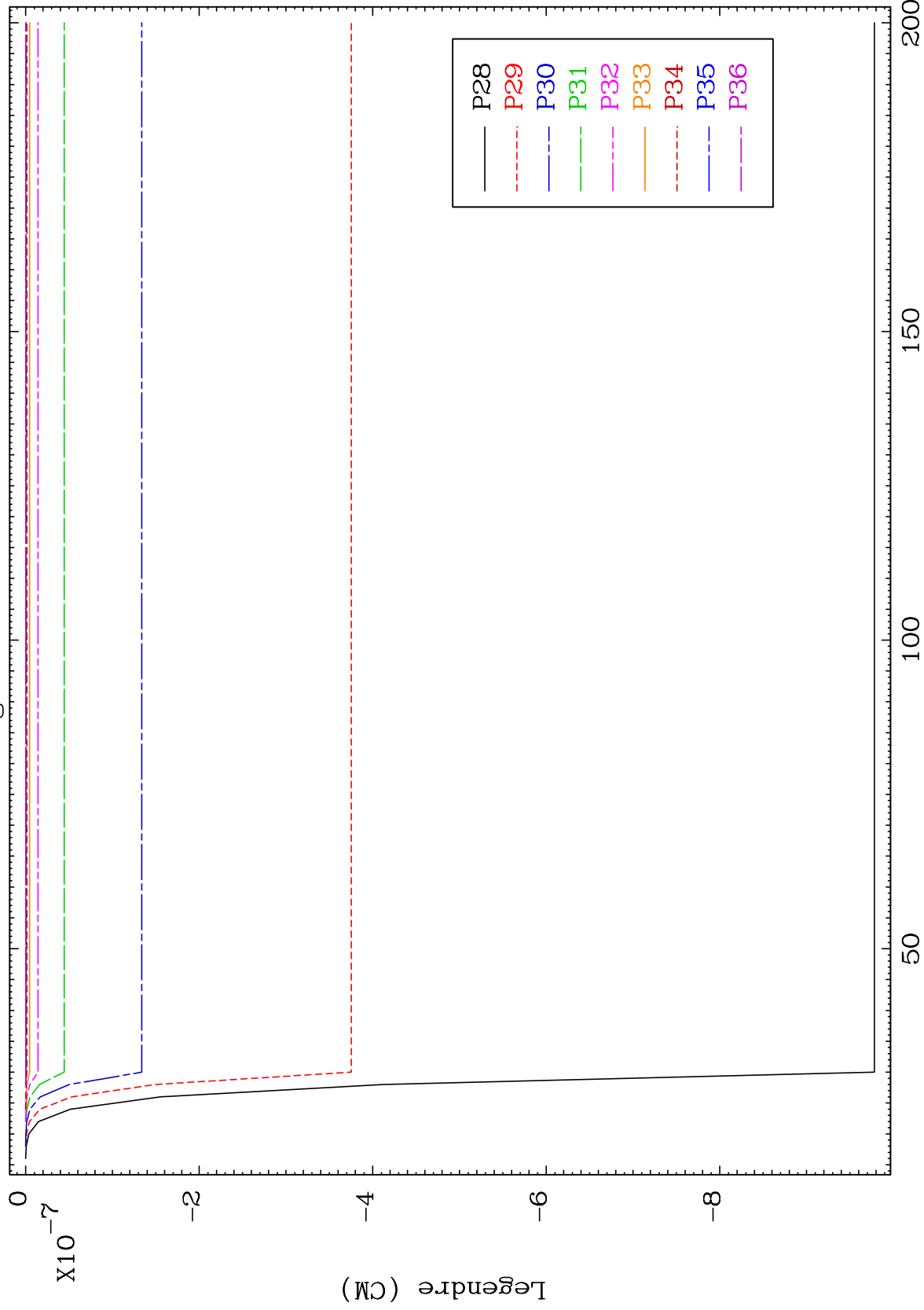
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



99

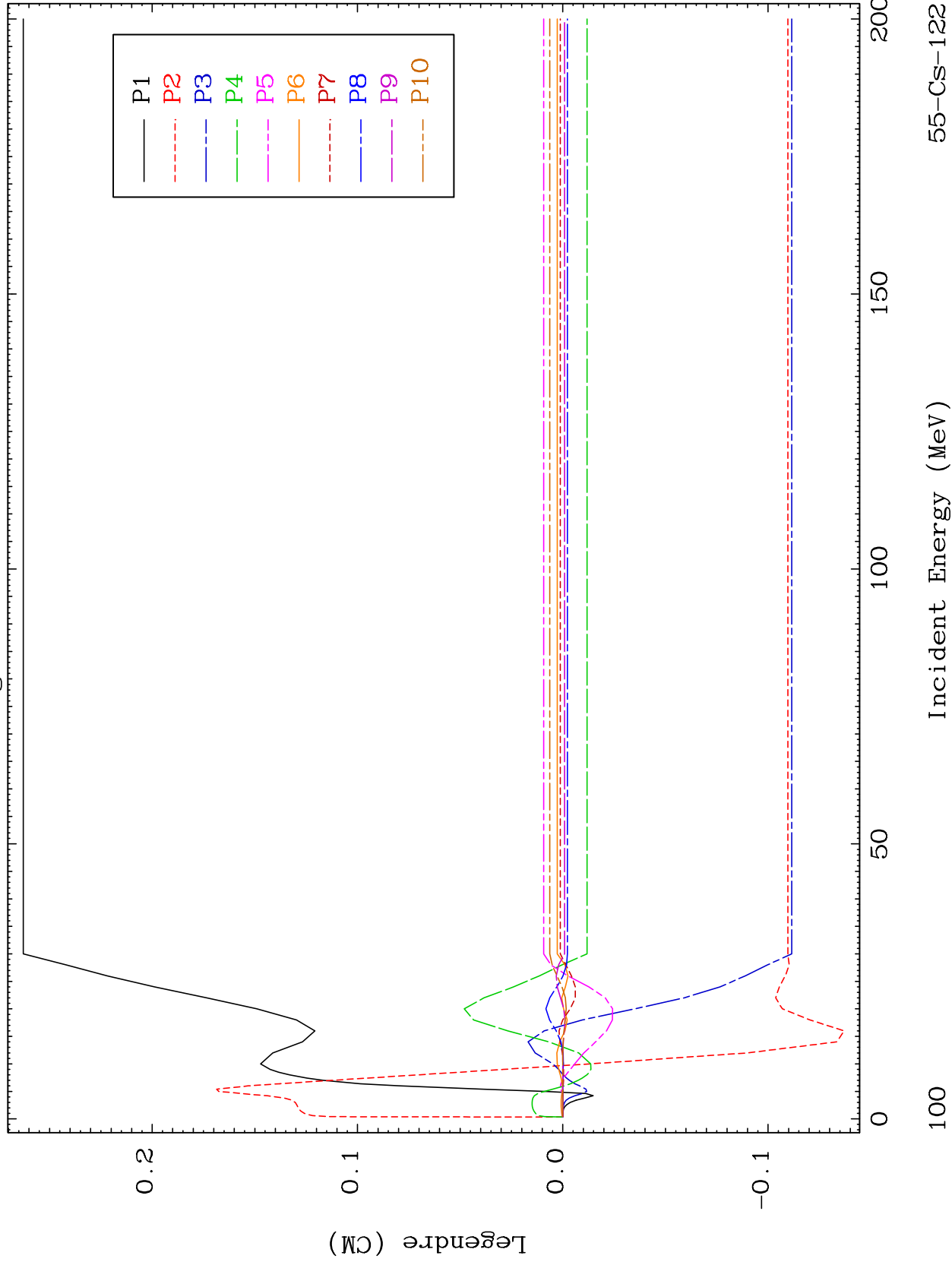
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

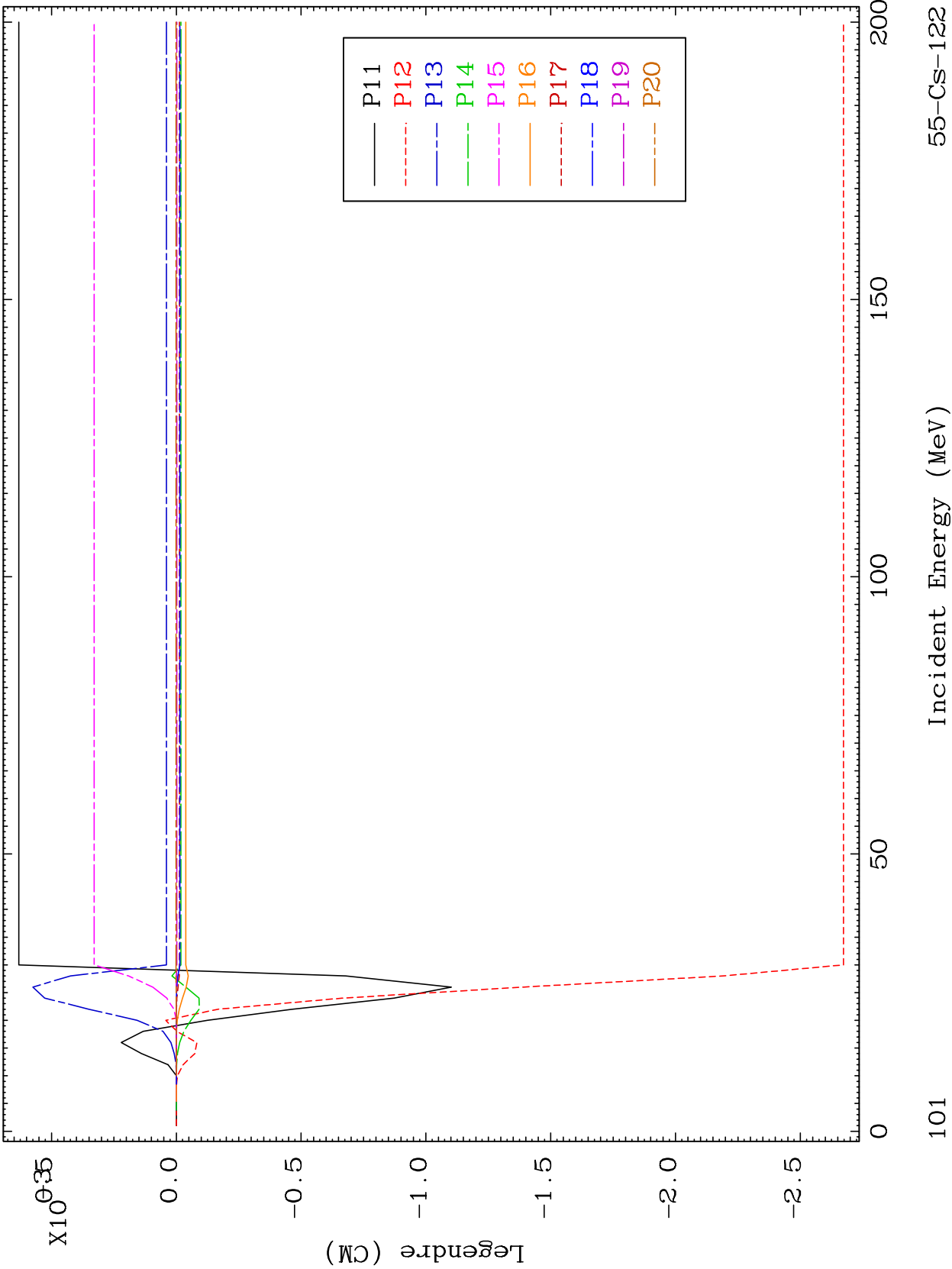
55-Cs-122



MAT 5492

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

55-Cs-122



101

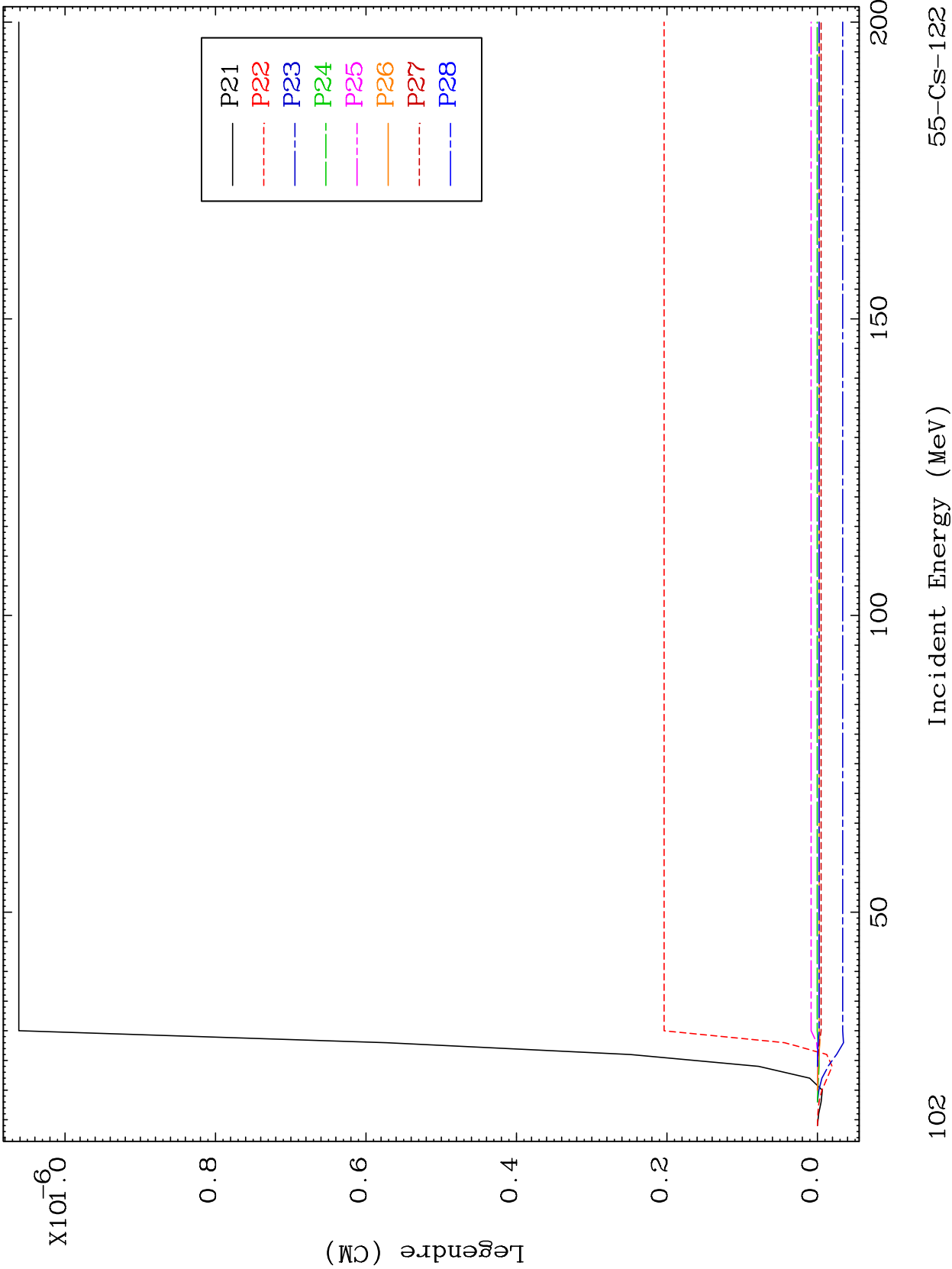
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



102

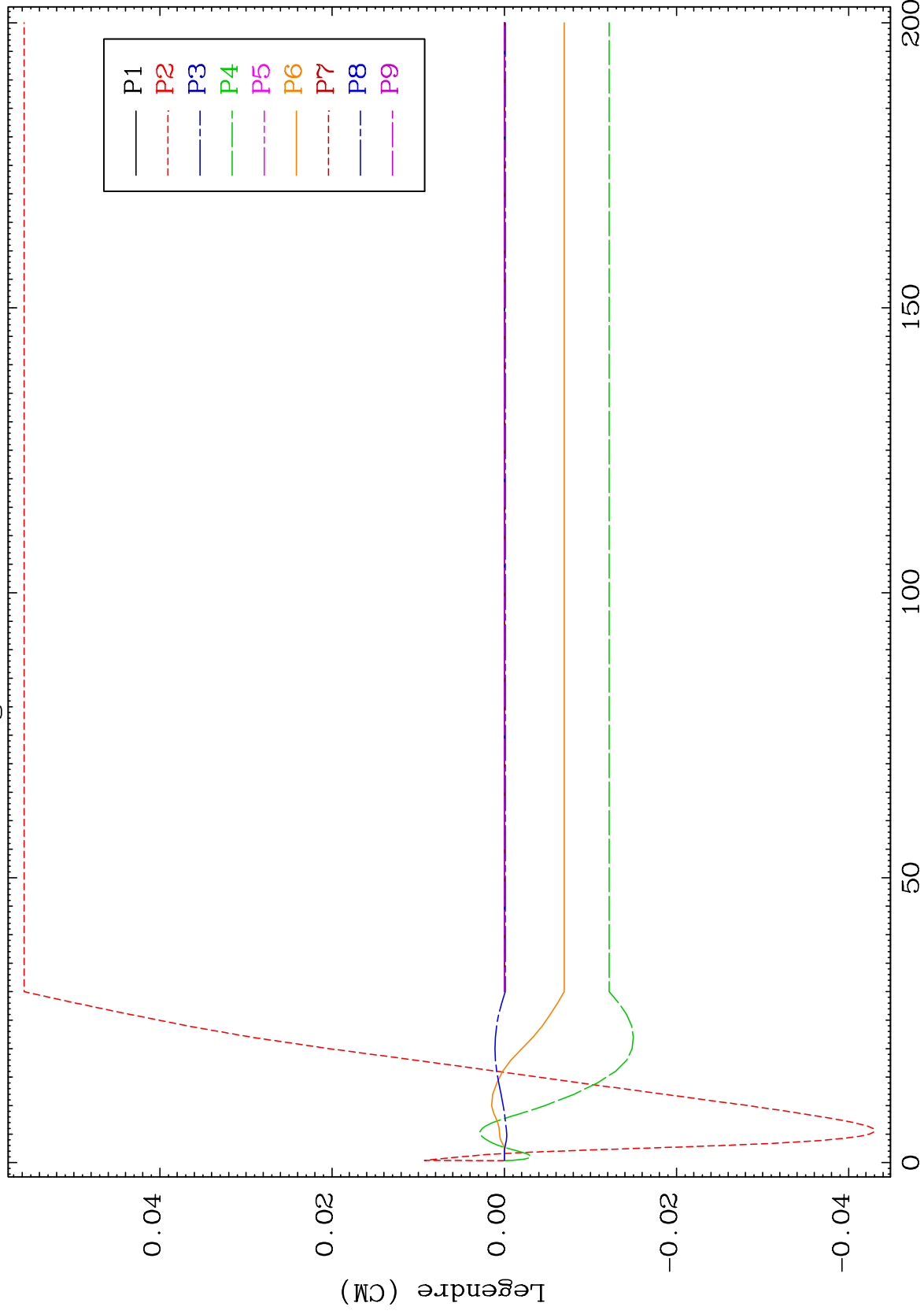
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

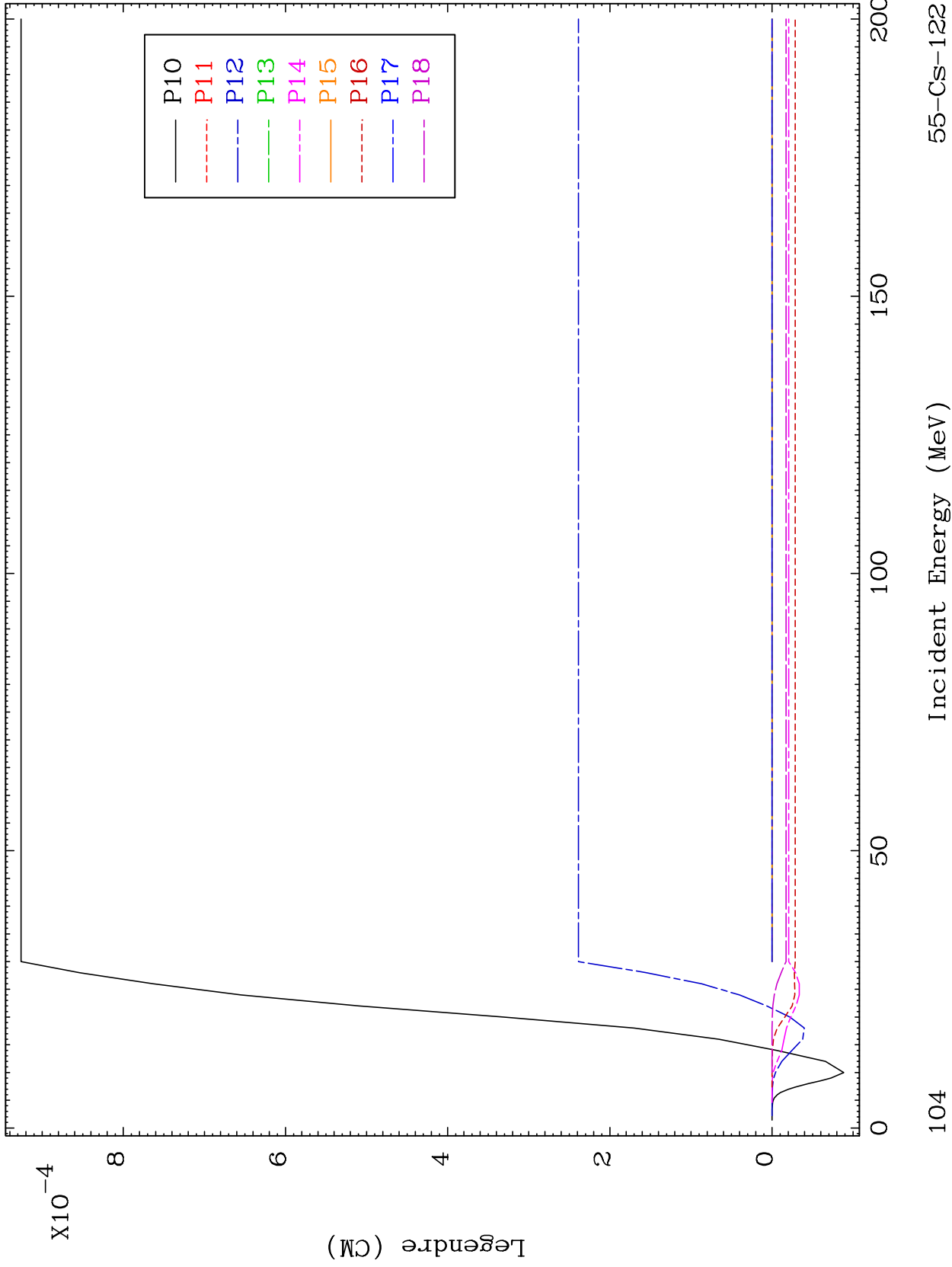
Incident Energy (MeV)

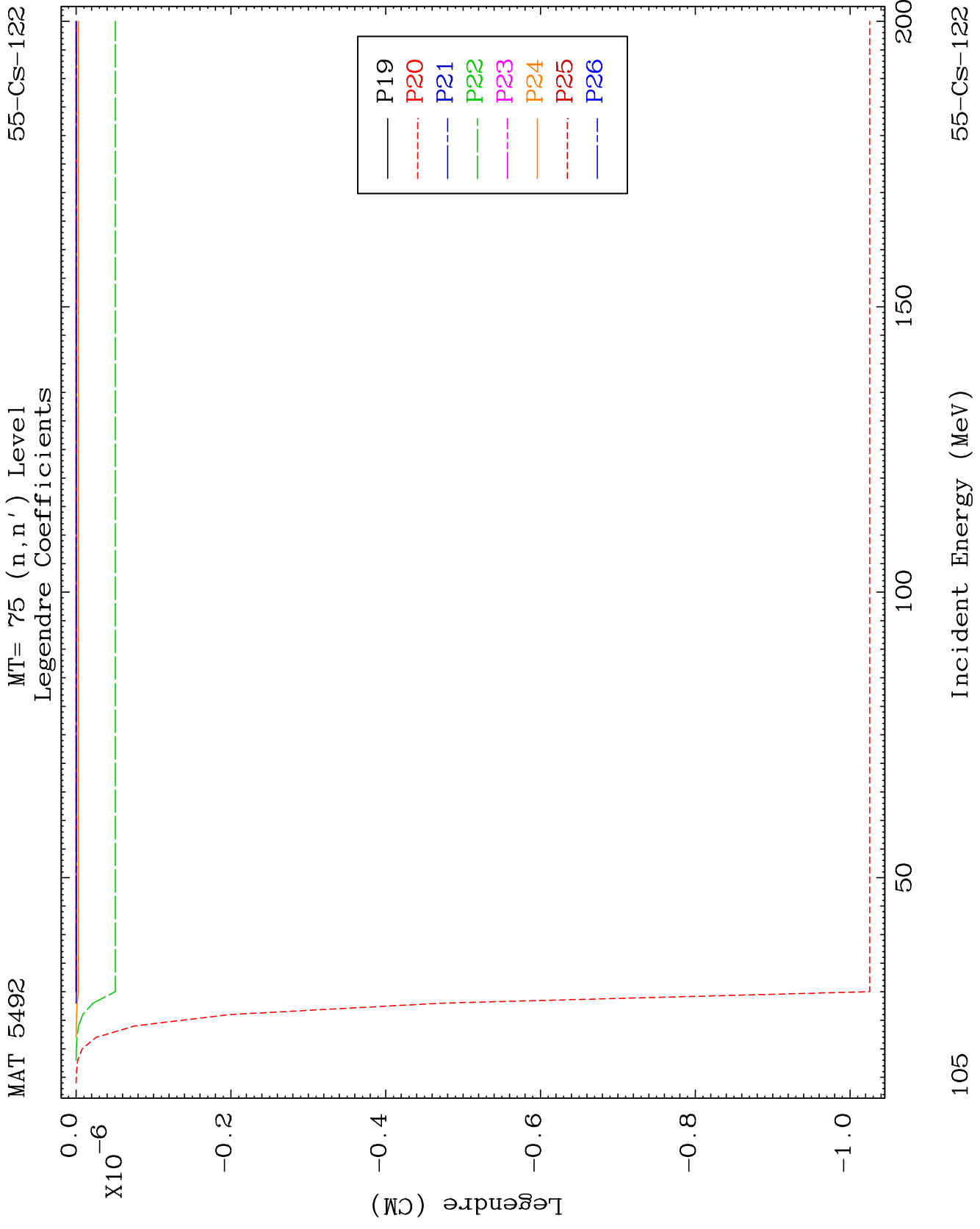
103

MAT 5492

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

55-Cs-122

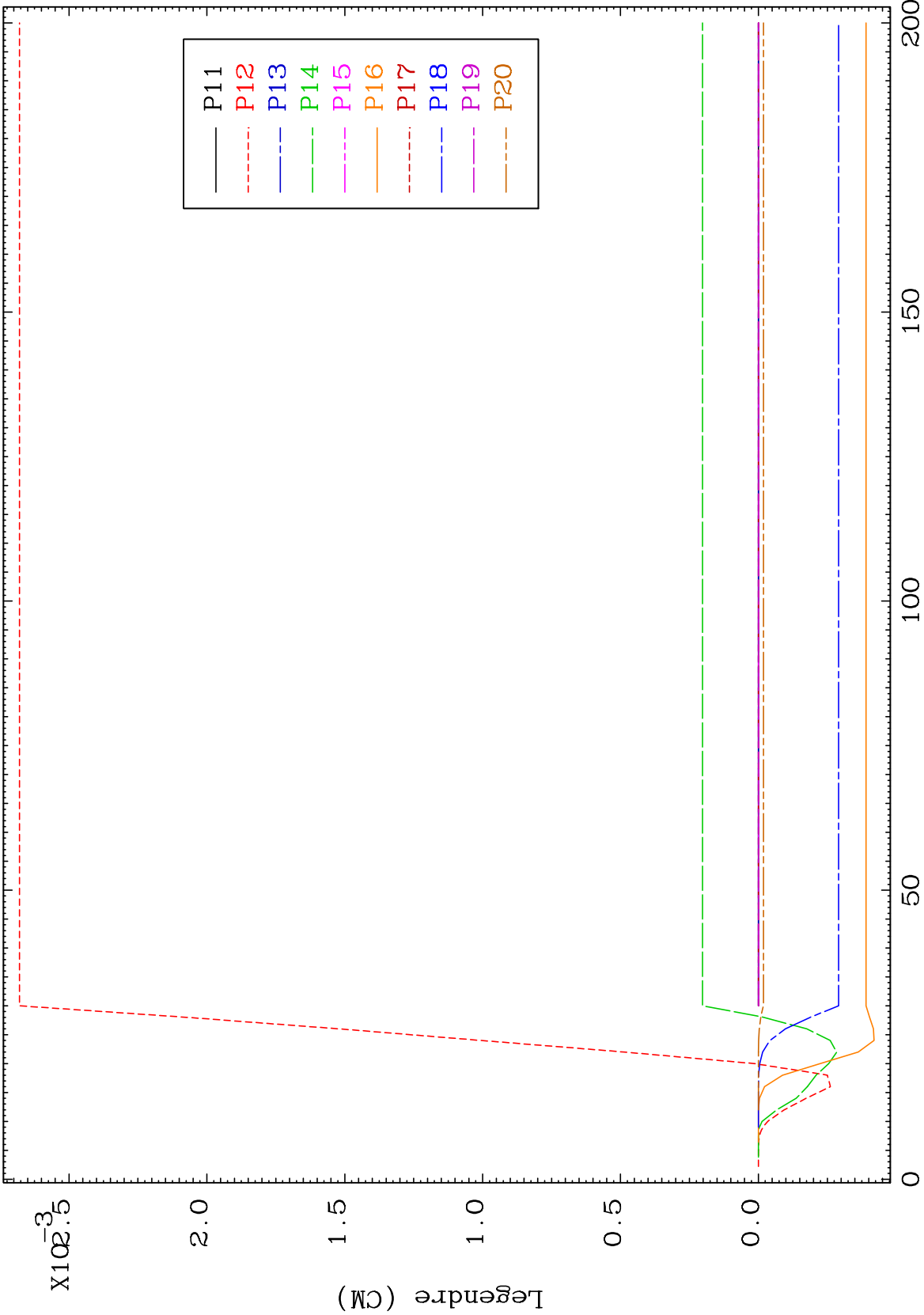




MAT 5492

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

55-Cs-122



107

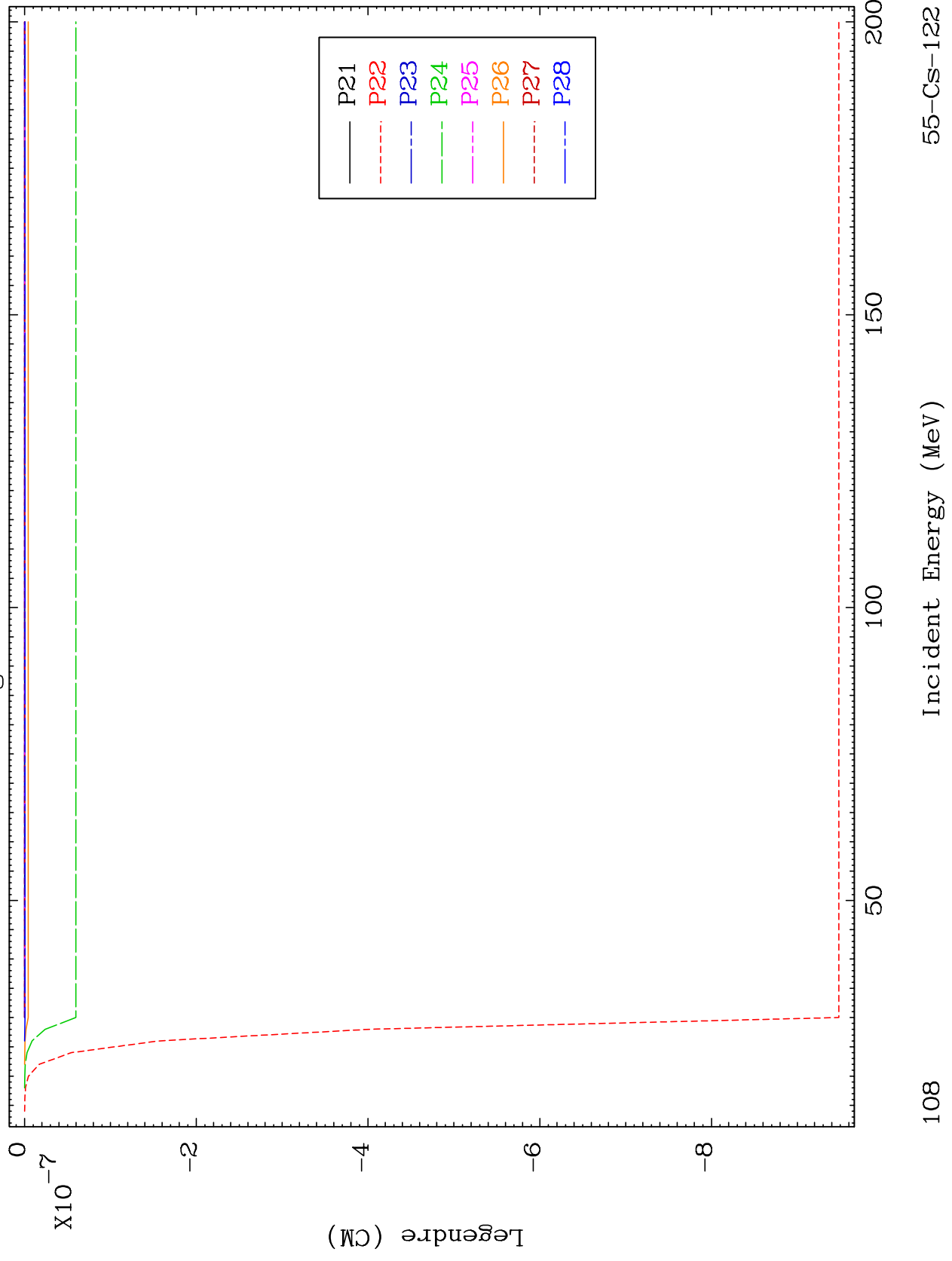
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



108

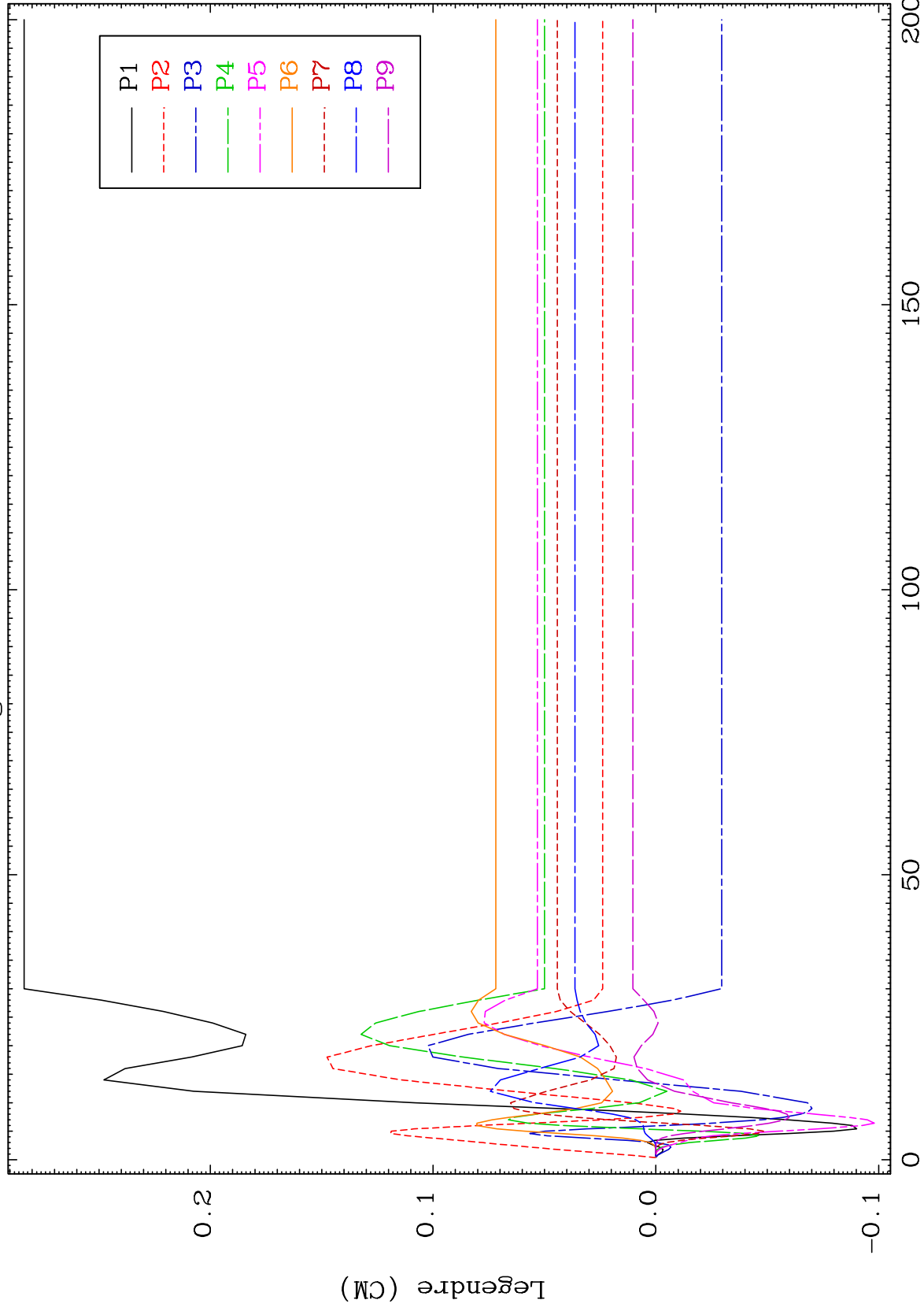
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



109

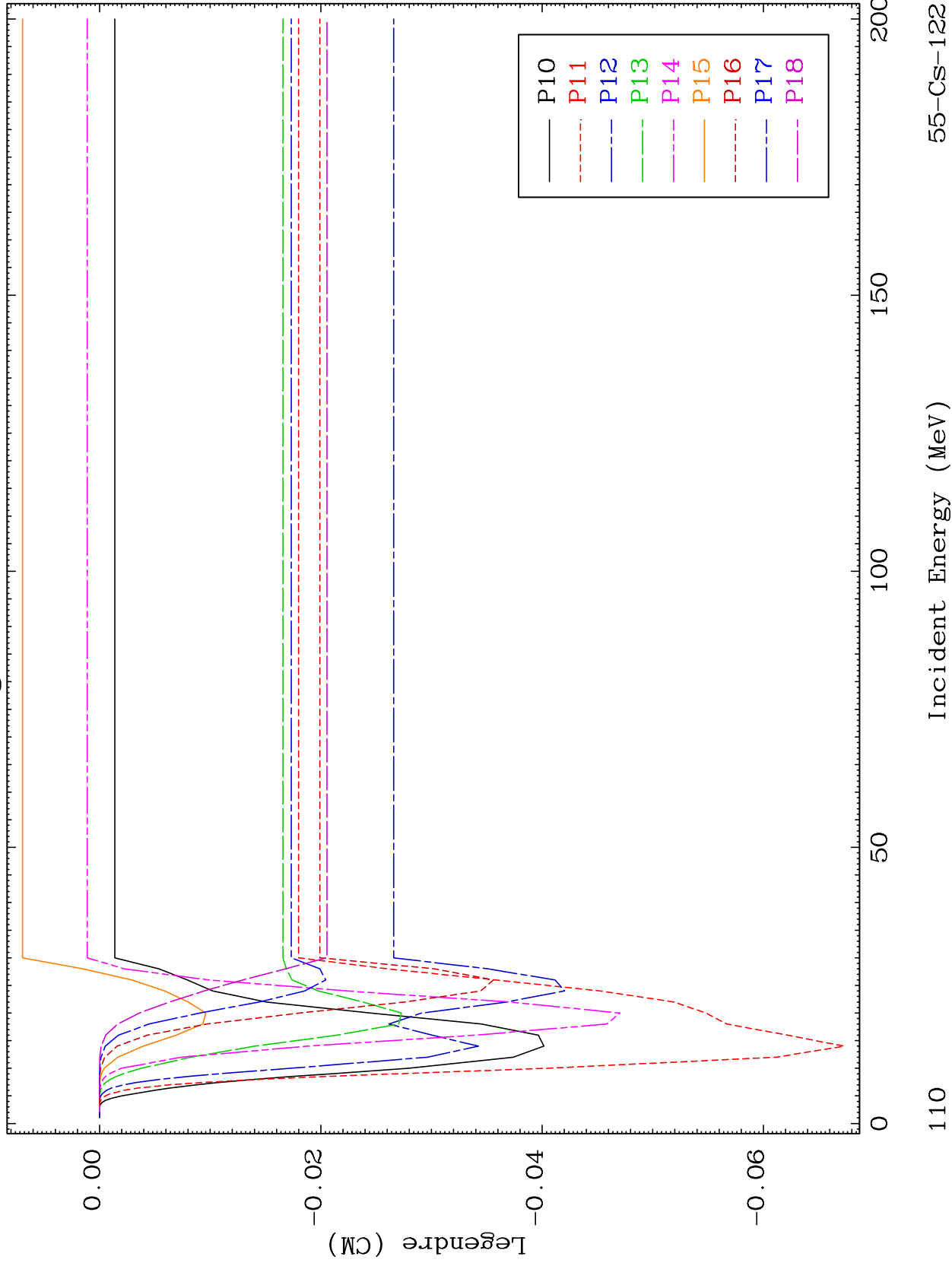
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

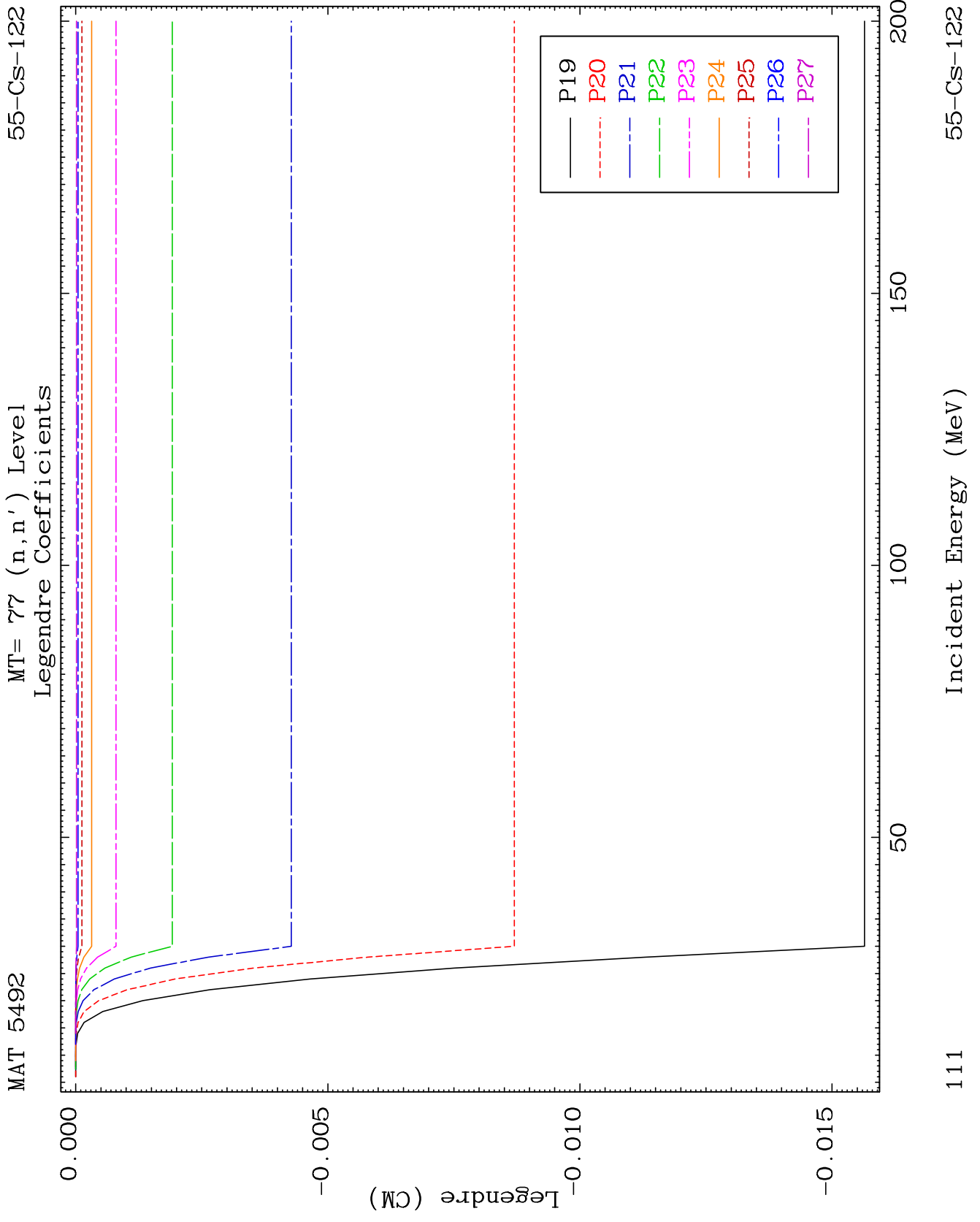
55-Cs-122



55-Cs-122

Incident Energy (MeV)

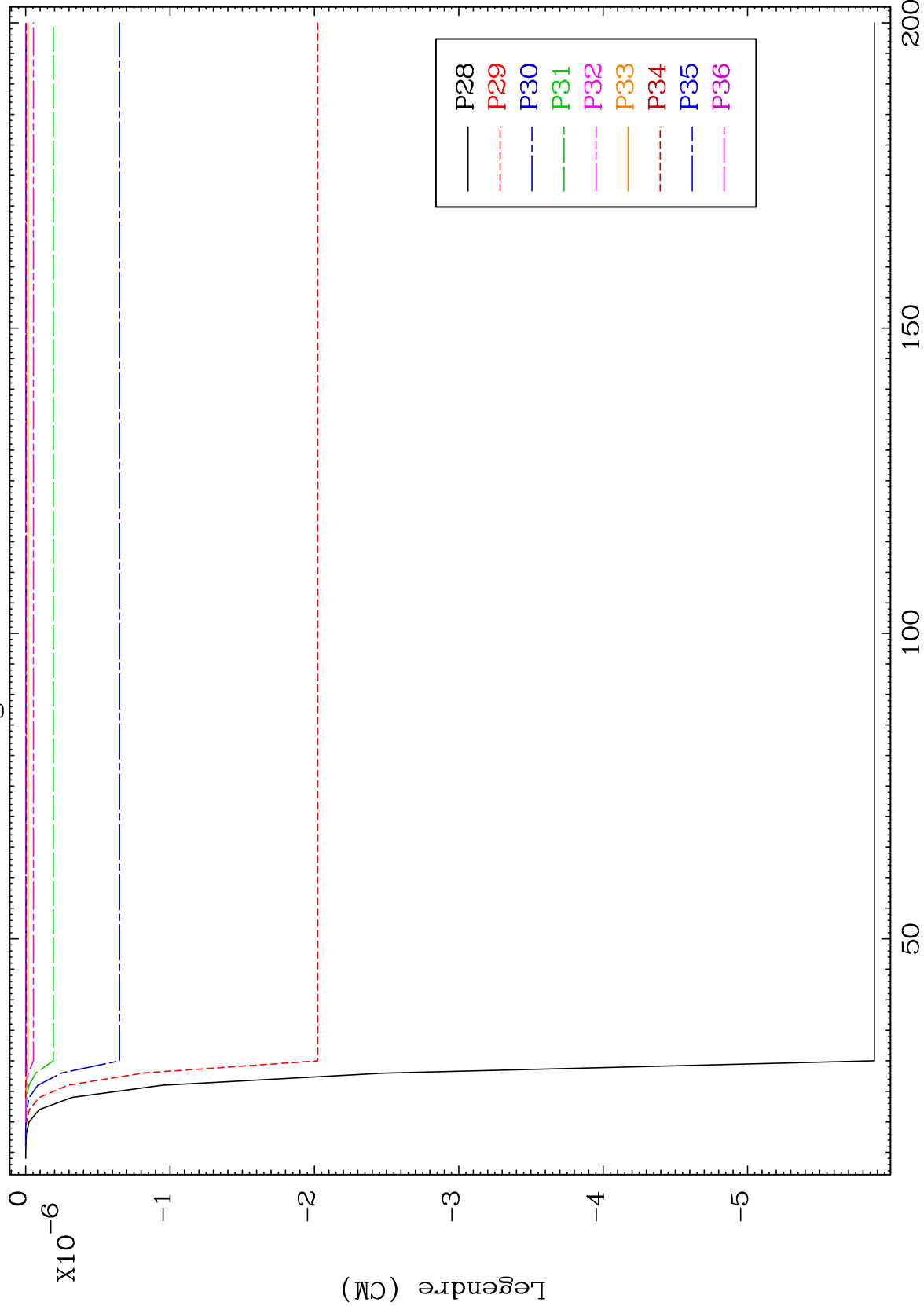
110



MAT 5492

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

55-Cs-122



112

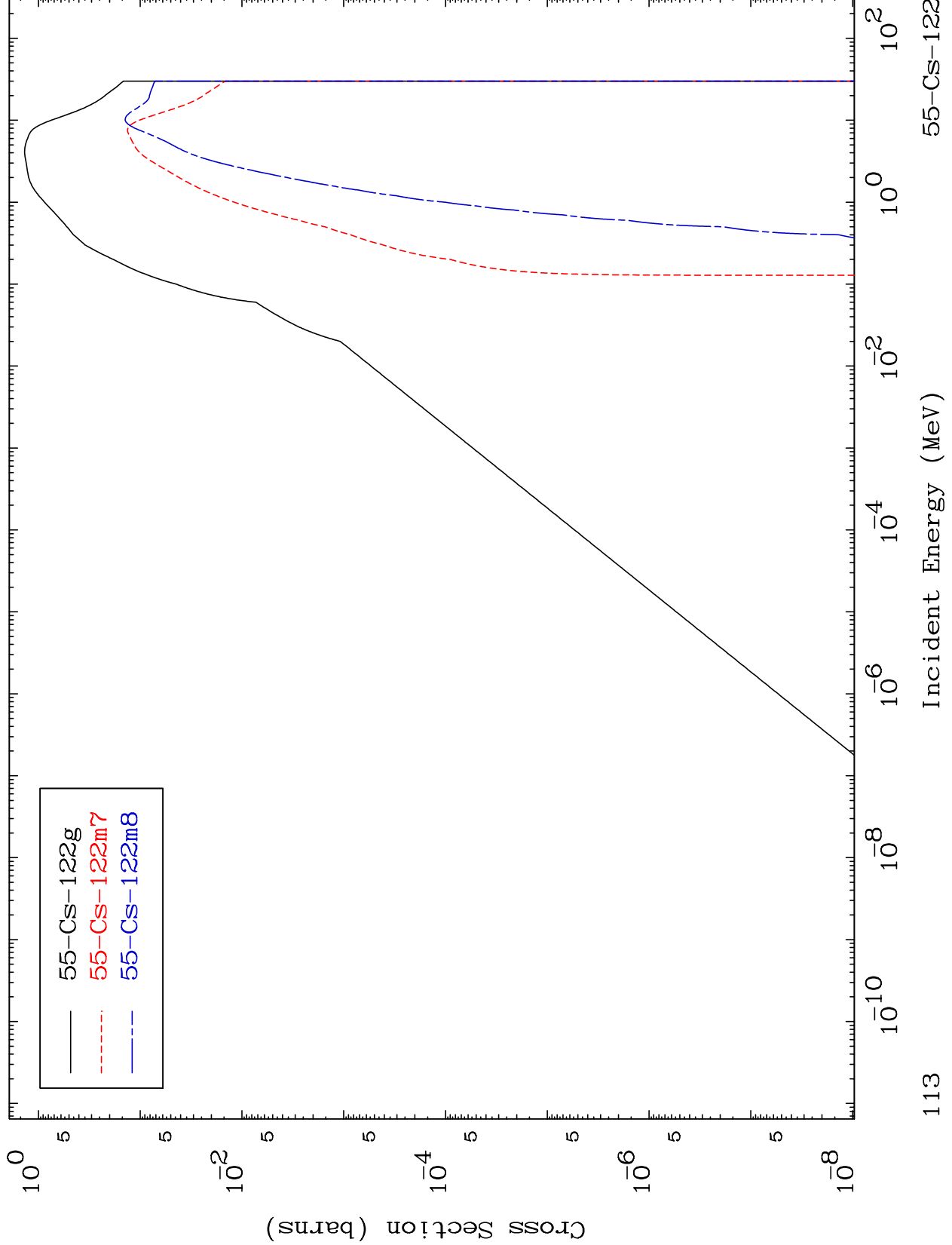
Incident Energy (MeV)

55-Cs-122

MAT 5492

Inelastic
Radionuclide Production Cross Section

55-Cs-122



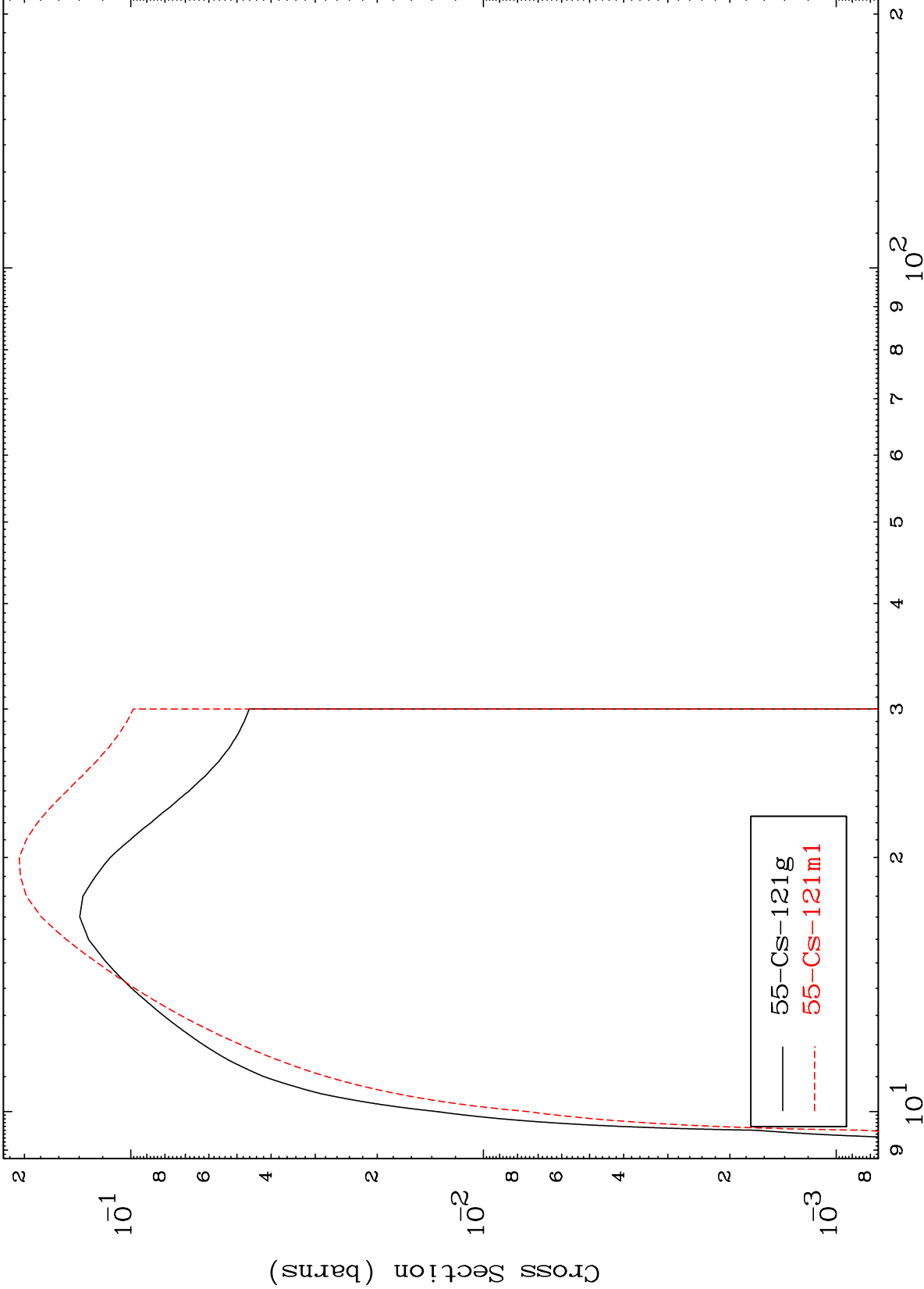
- 55-Cs-122g
- 55-Cs-122m7
- 55-Cs-122m8

MAT 5492

(n,2n)

55-Cs-122

Radionuclide Production Cross Section



114

Incident Energy (MeV)

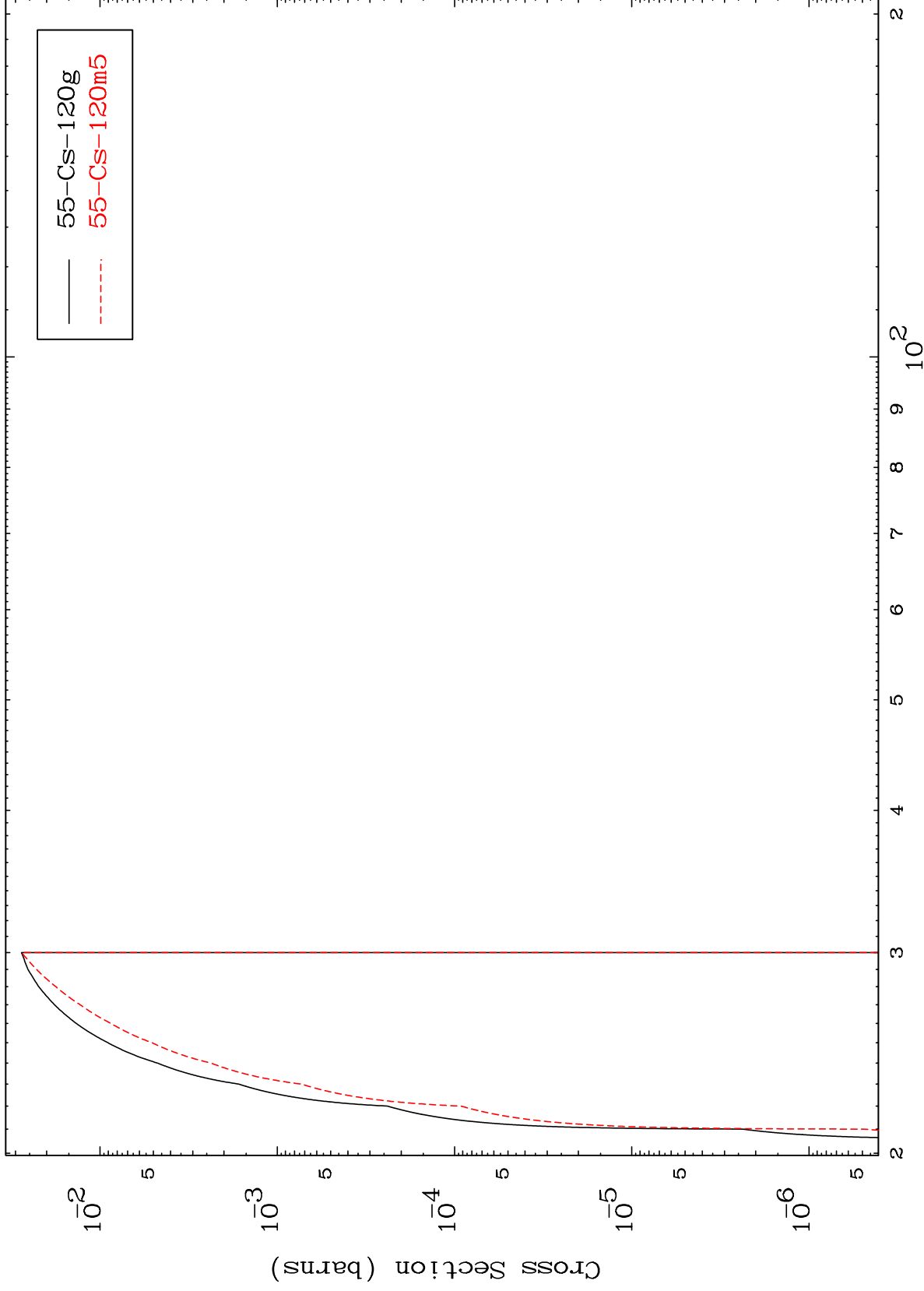
55-Cs-122

MAT 5492

(n,3n)

55-Cs-122

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

115

Incident Energy (MeV)

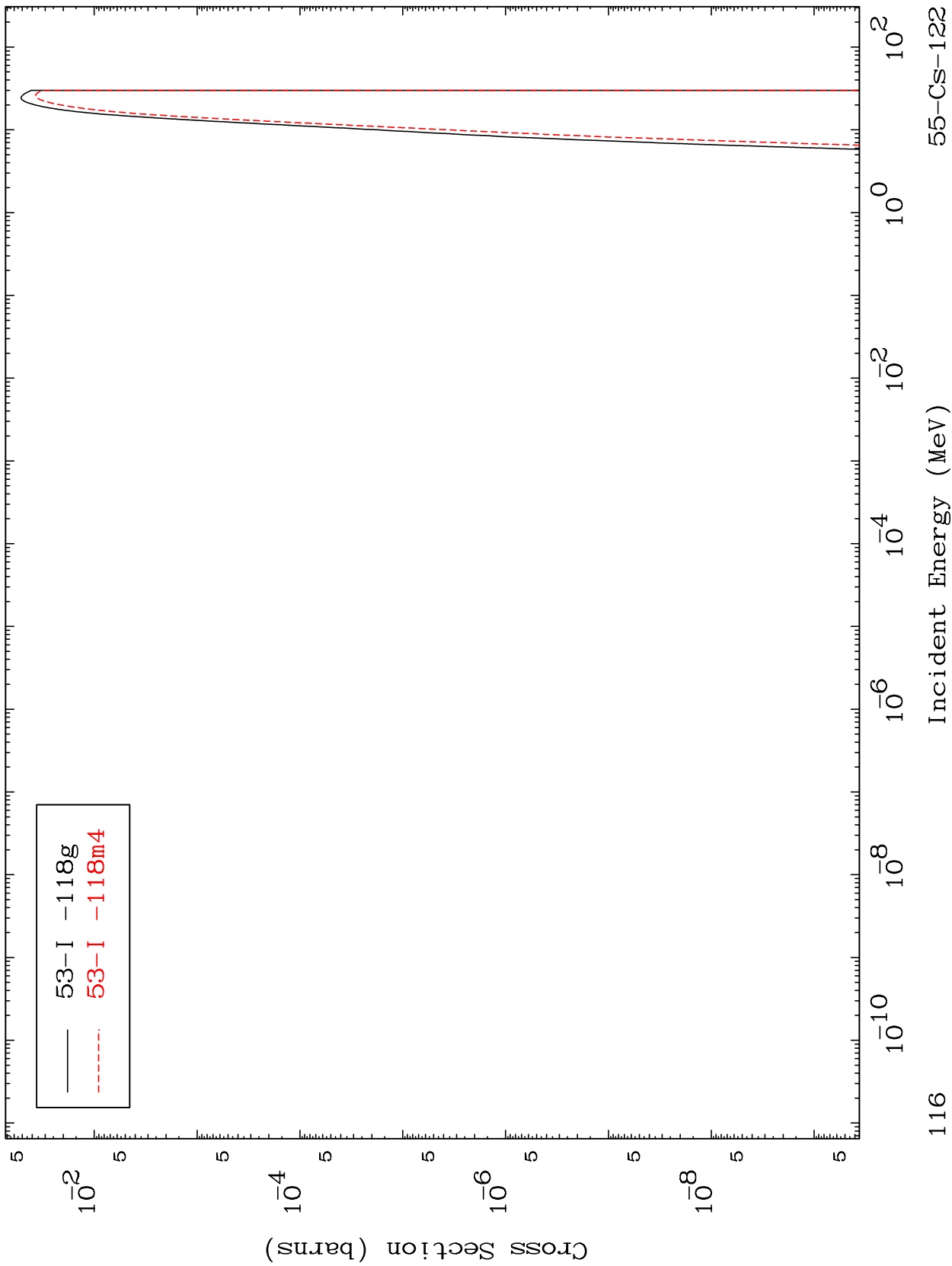
55-Cs-122

MAT 5492

(n,n') α

55-Cs-122

Radionuclide Production Cross Section



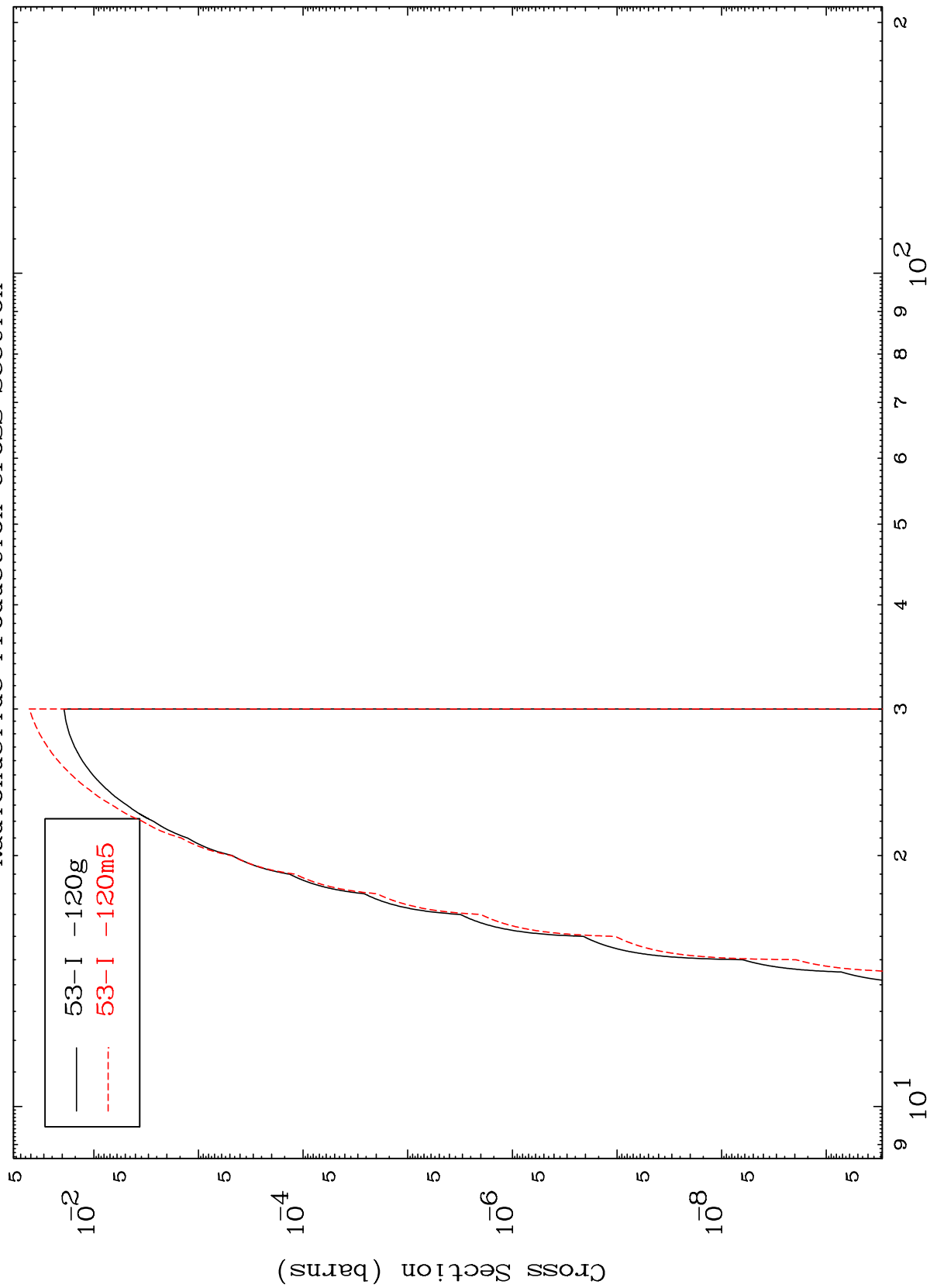
53-I-118g
53-I-118m4

MAT 5492

(n,2n) p

55-Cs-122

Radionuclide Production Cross Section



117

Incident Energy (MeV)

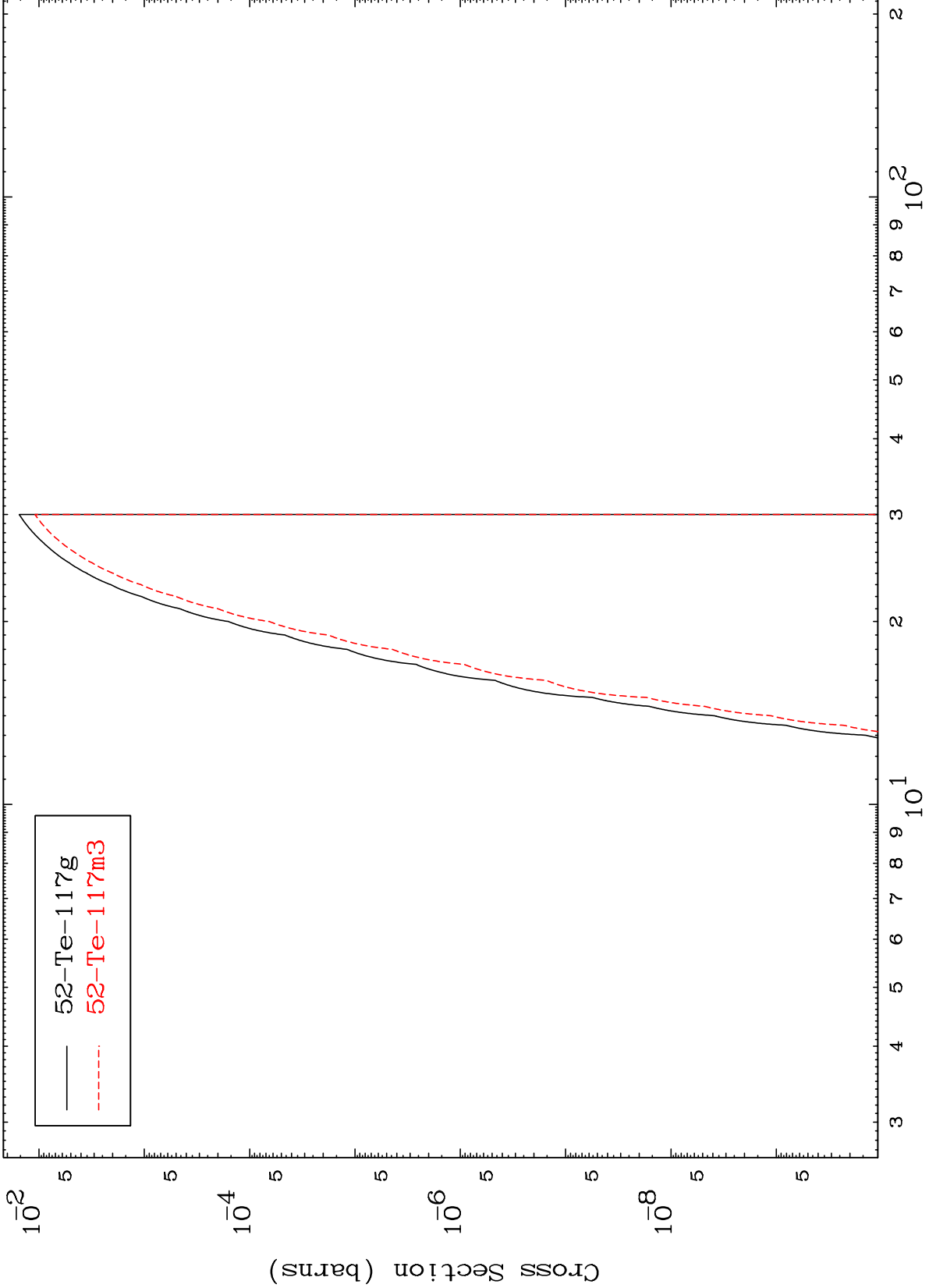
55-Cs-122

MAT 5492

(n,n') p α

55-Cs-122

Radionuclide Production Cross Section



52-Te-117g
52-Te-117m3

118

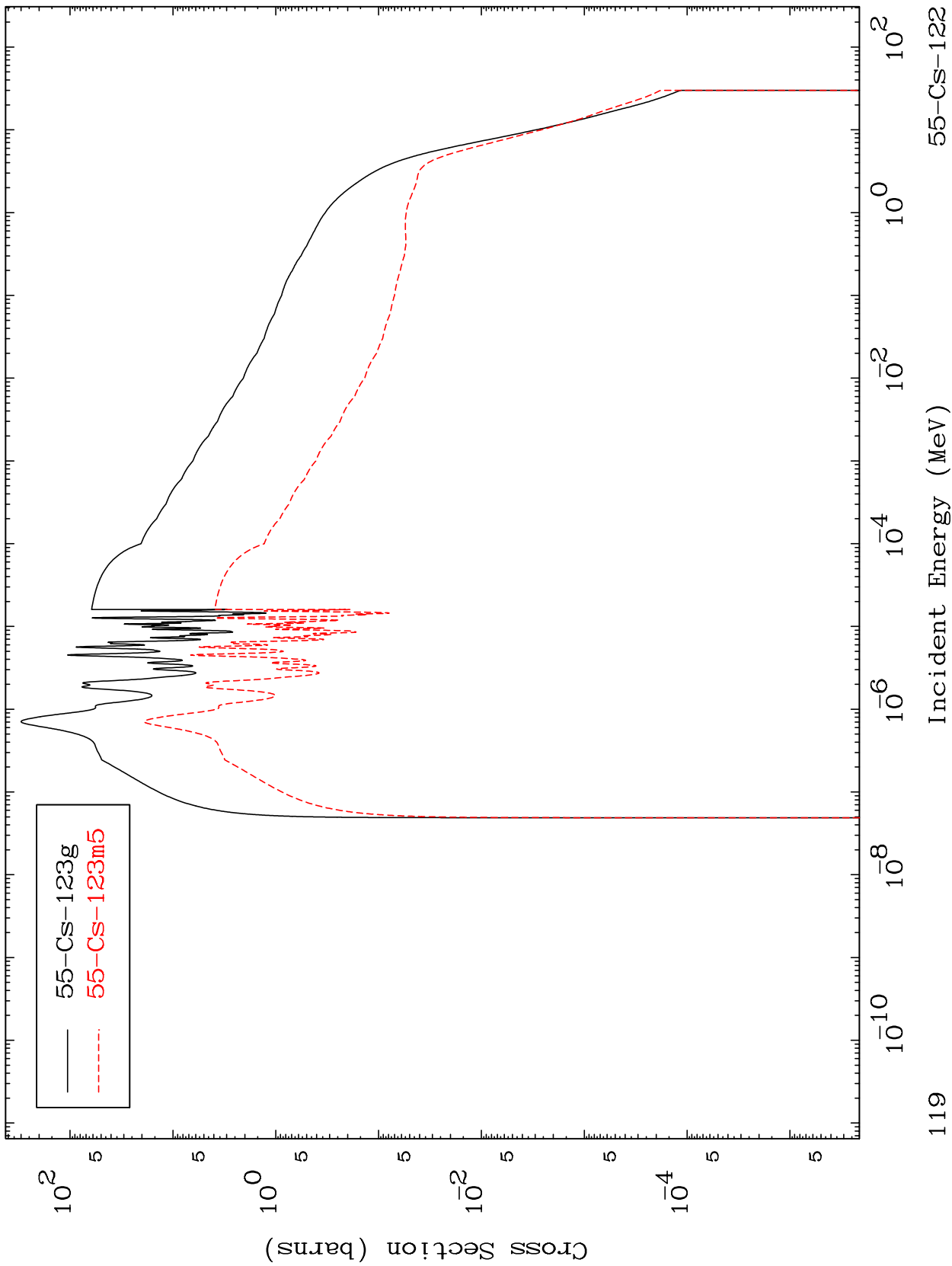
Incident Energy (MeV)

55-Cs-122

MAT 5492

55-Cs-122

Radionuclide Production Cross Section
(n, γ)



119

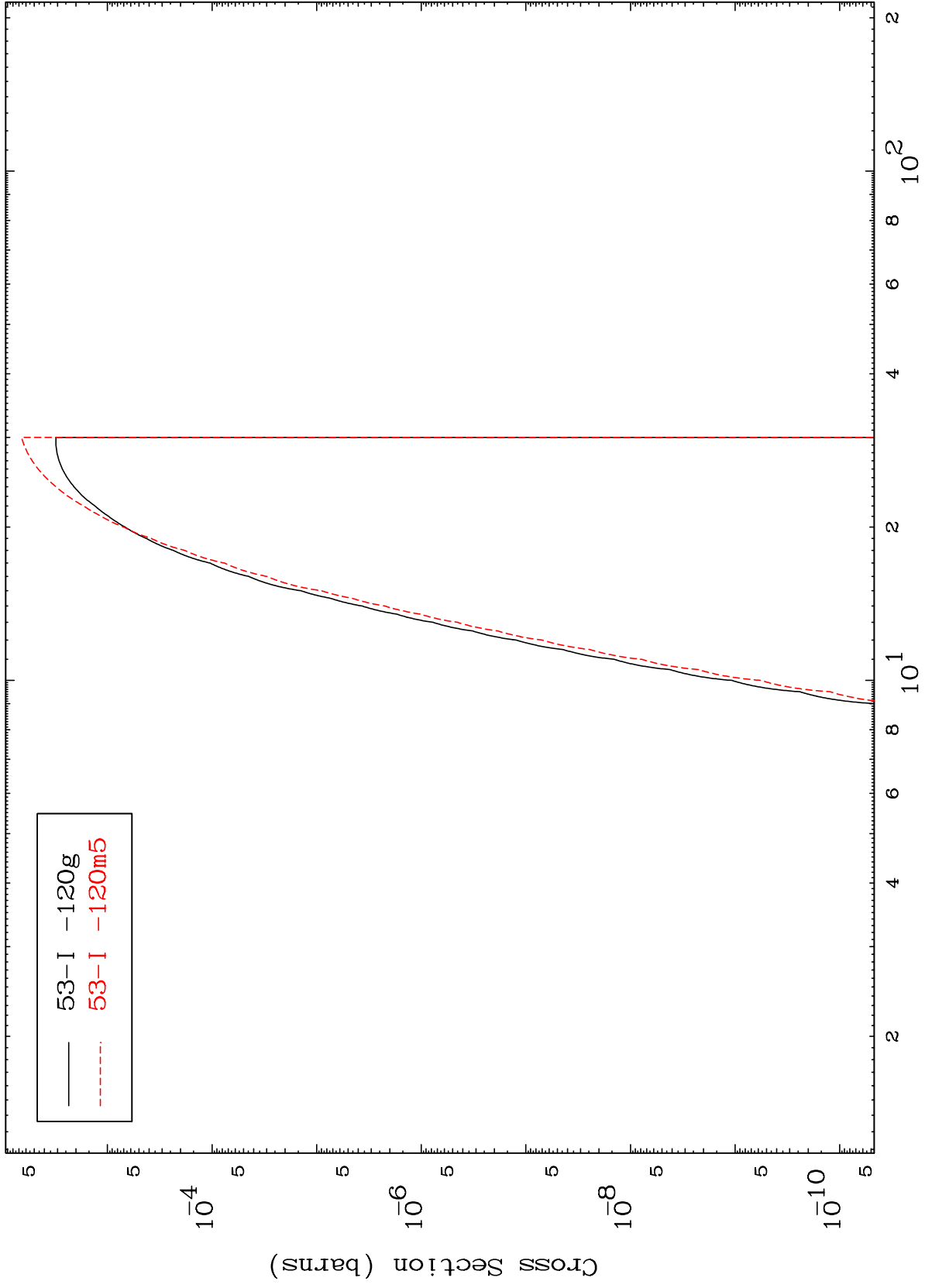
55-Cs-122

MAT 5492

(n,He-3)

55-Cs-122

Radionuclide Production Cross Section



53-I -120g
53-I -120m5

120

Incident Energy (MeV)

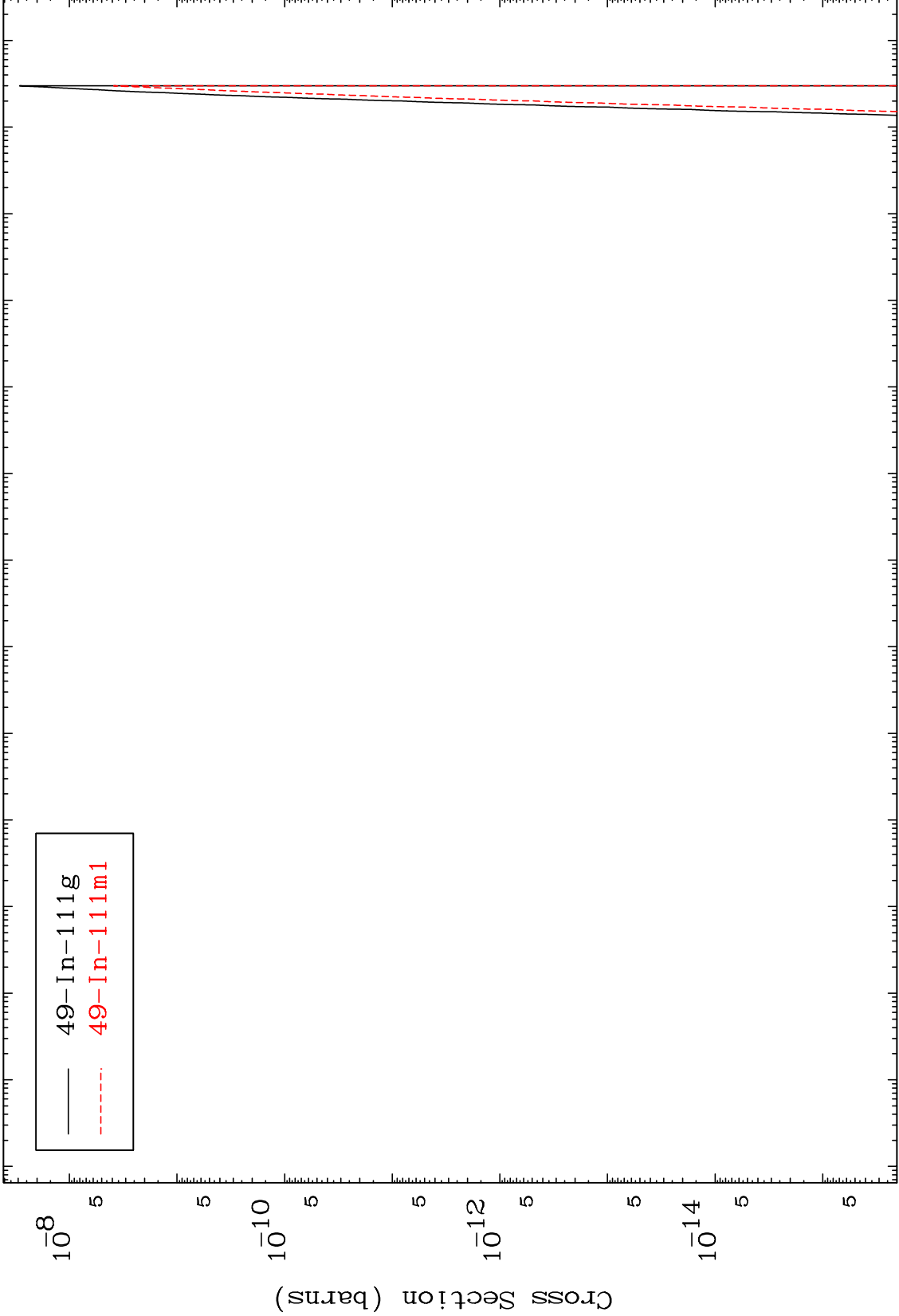
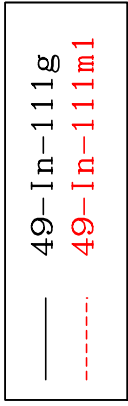
55-Cs-122

MAT 5492

(n, 3α)

55-Cs-122

Radionuclide Production Cross Section



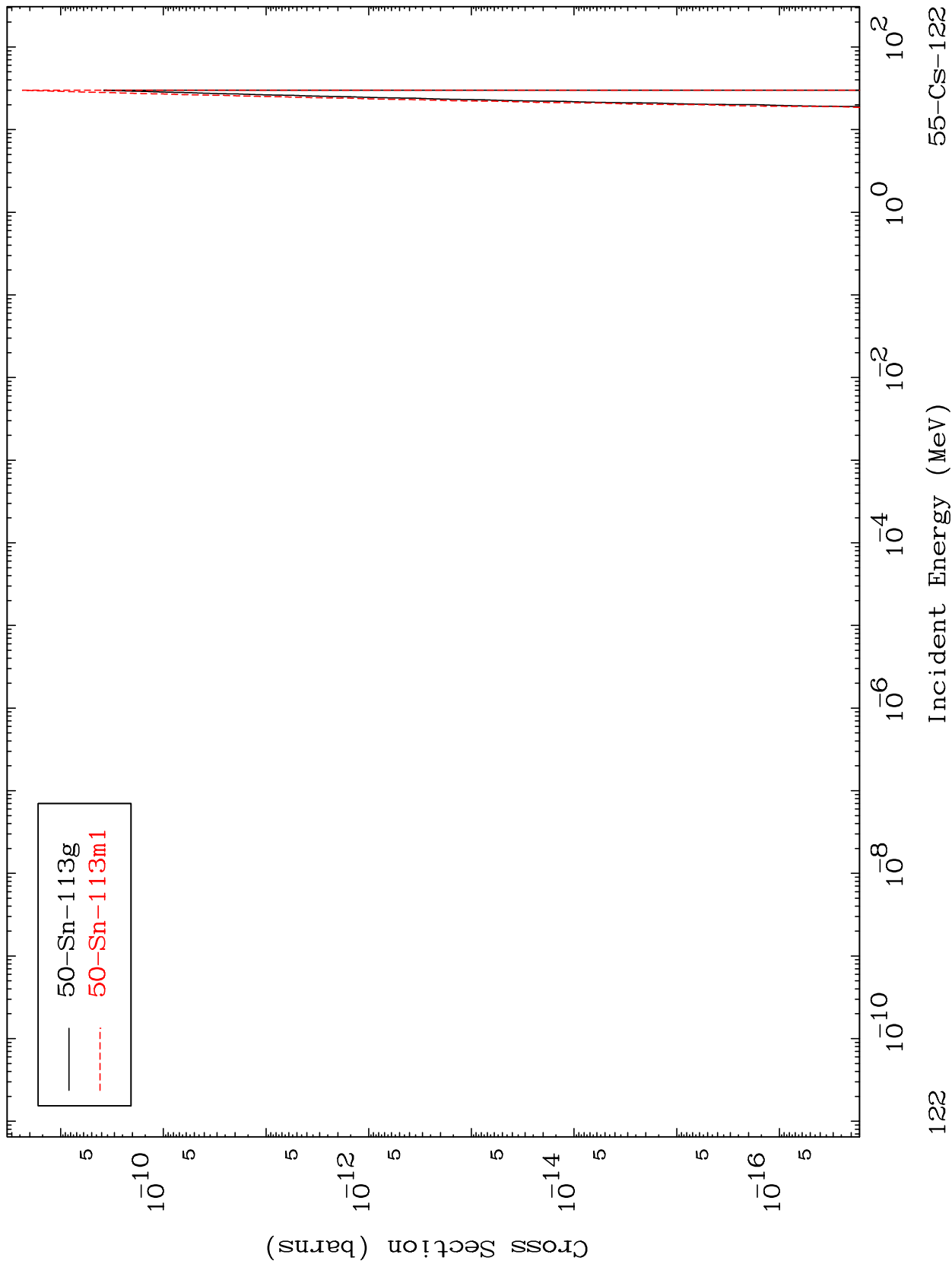
55-Cs-122

MAT 5492

(n,d) 2 α

55-Cs-122

Radionuclide Production Cross Section



122

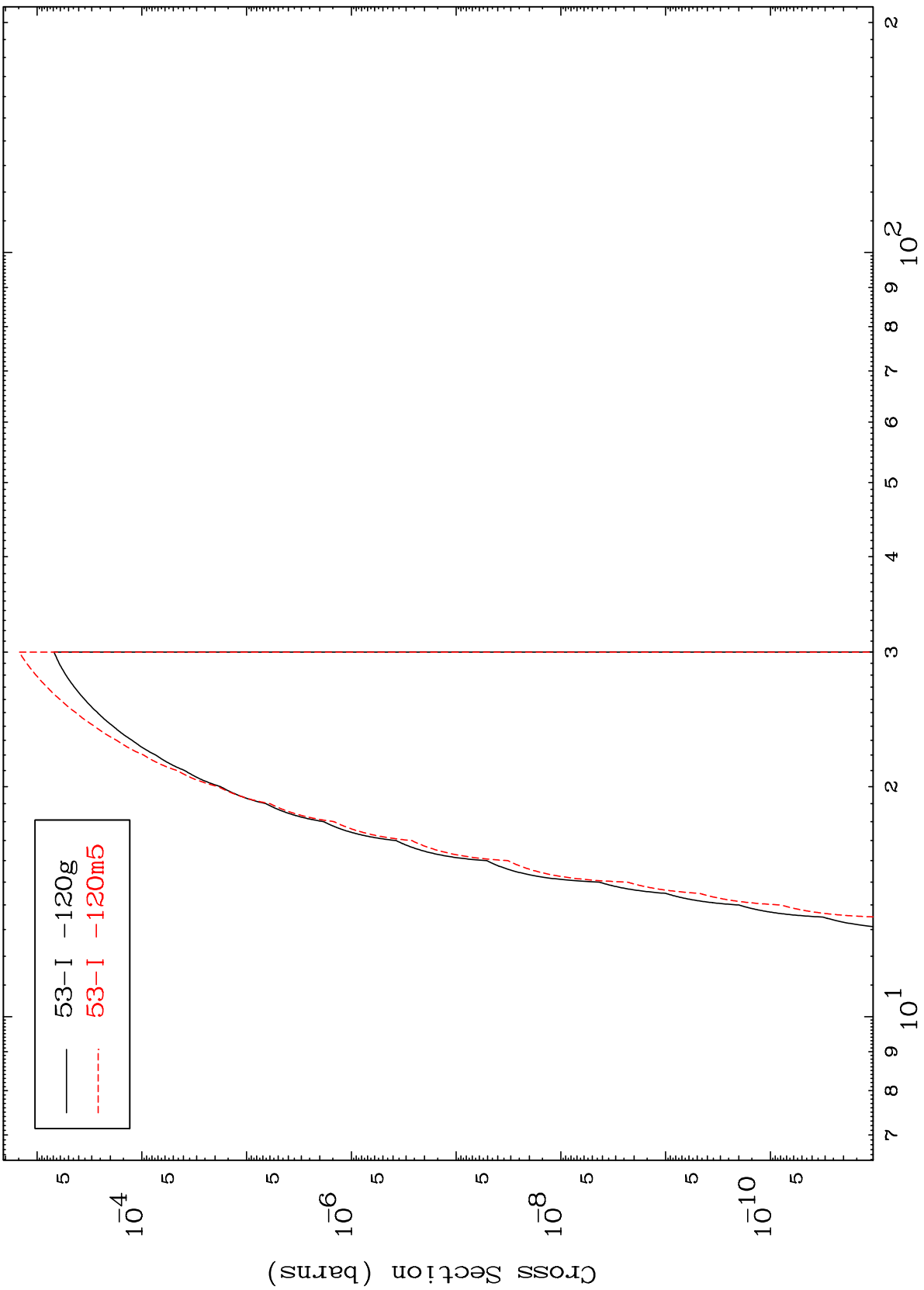
55-Cs-122

MAT 5492

(n,p) d

55-Cs-122

Radionuclide Production Cross Section



123

Incident Energy (MeV)

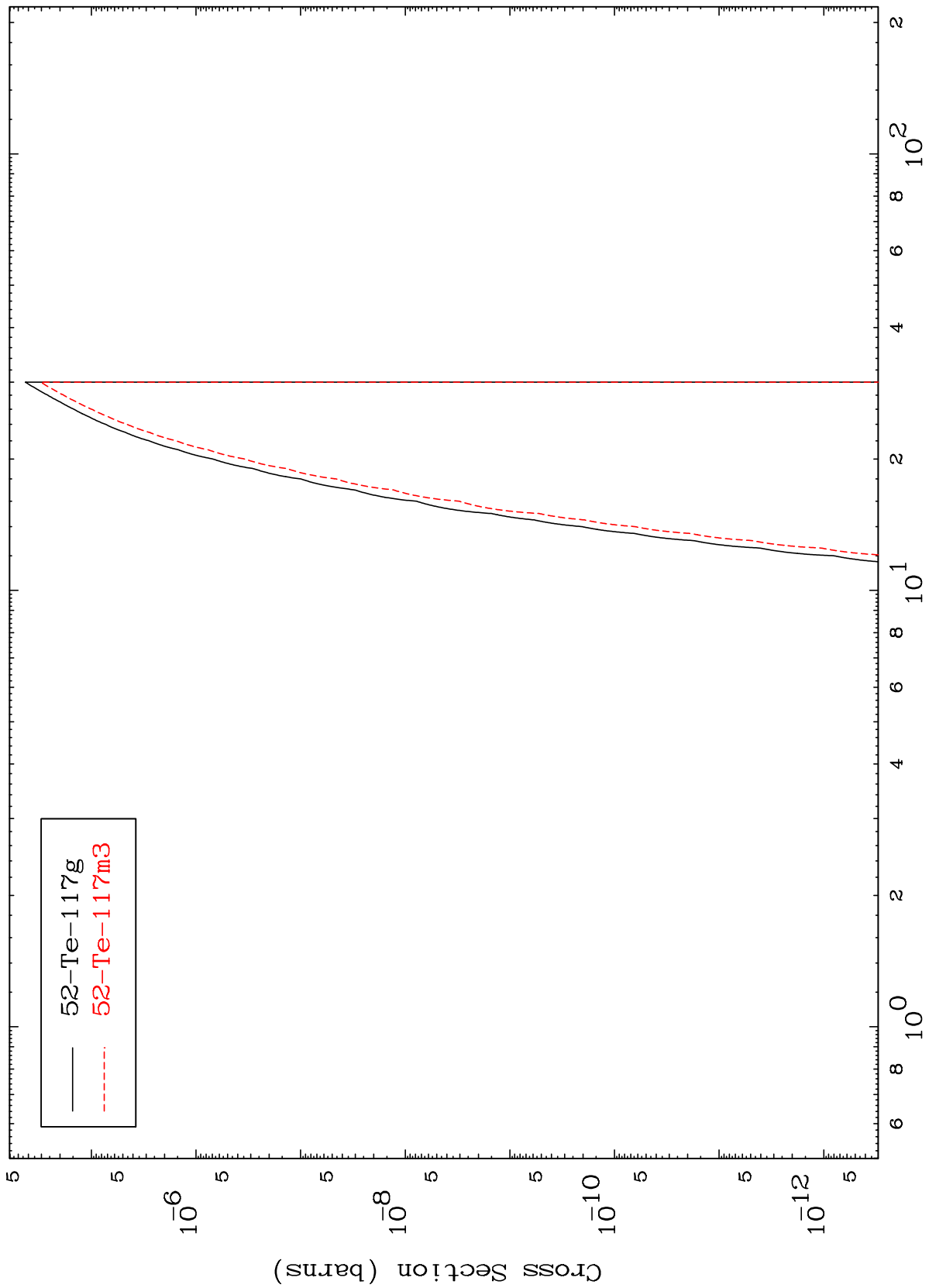
55-Cs-122

MAT 5492

(n,d) α

55-Cs-122

Radionuclide Production Cross Section



52-Te-117g
52-Te-117m3

124

Incident Energy (MeV)

55-Cs-122