

Program EVALPLOT  
(Version 2017-1)

by

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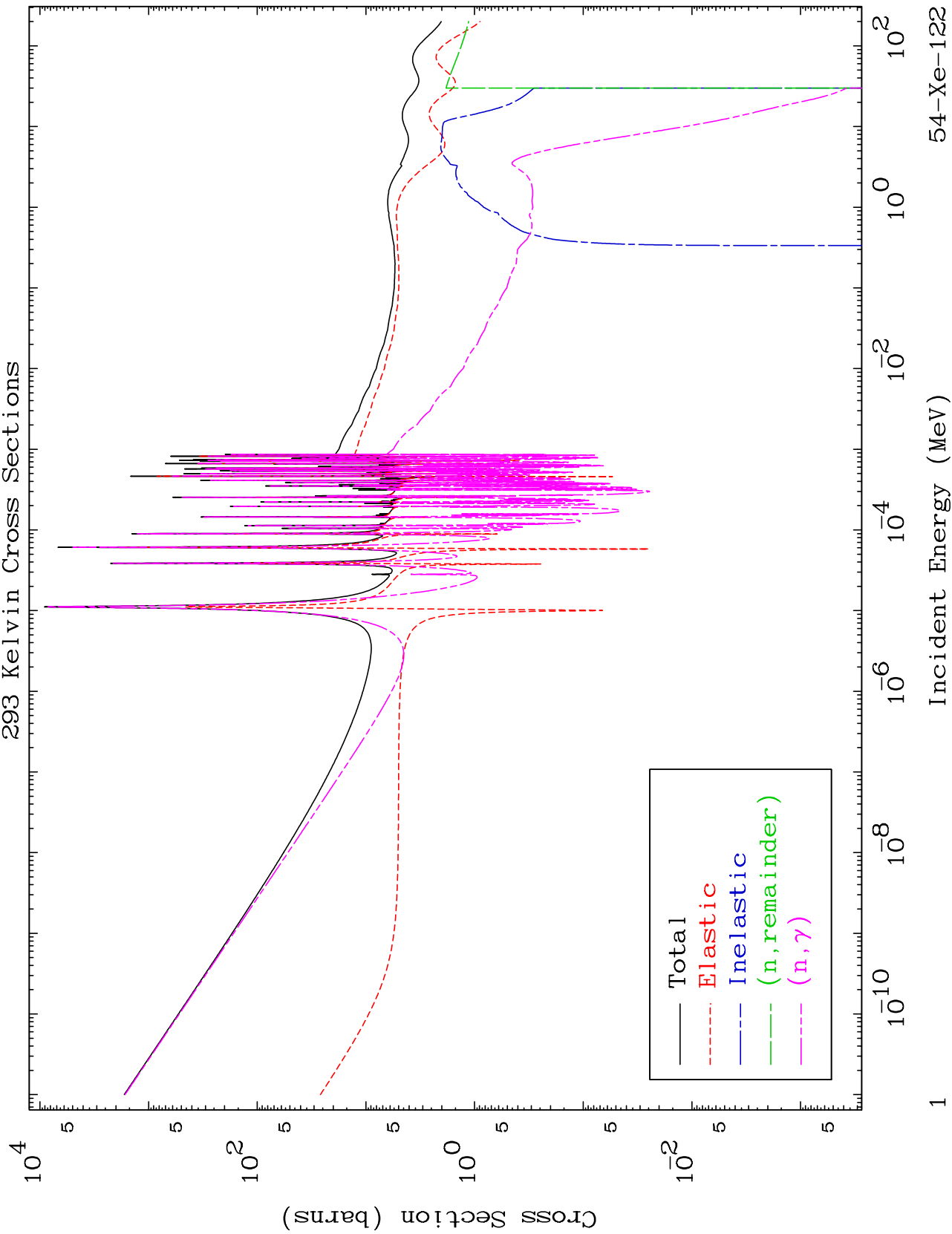
Press Mouse Button to Start

MAT 5419

Major

293 Kelvin Cross Sections

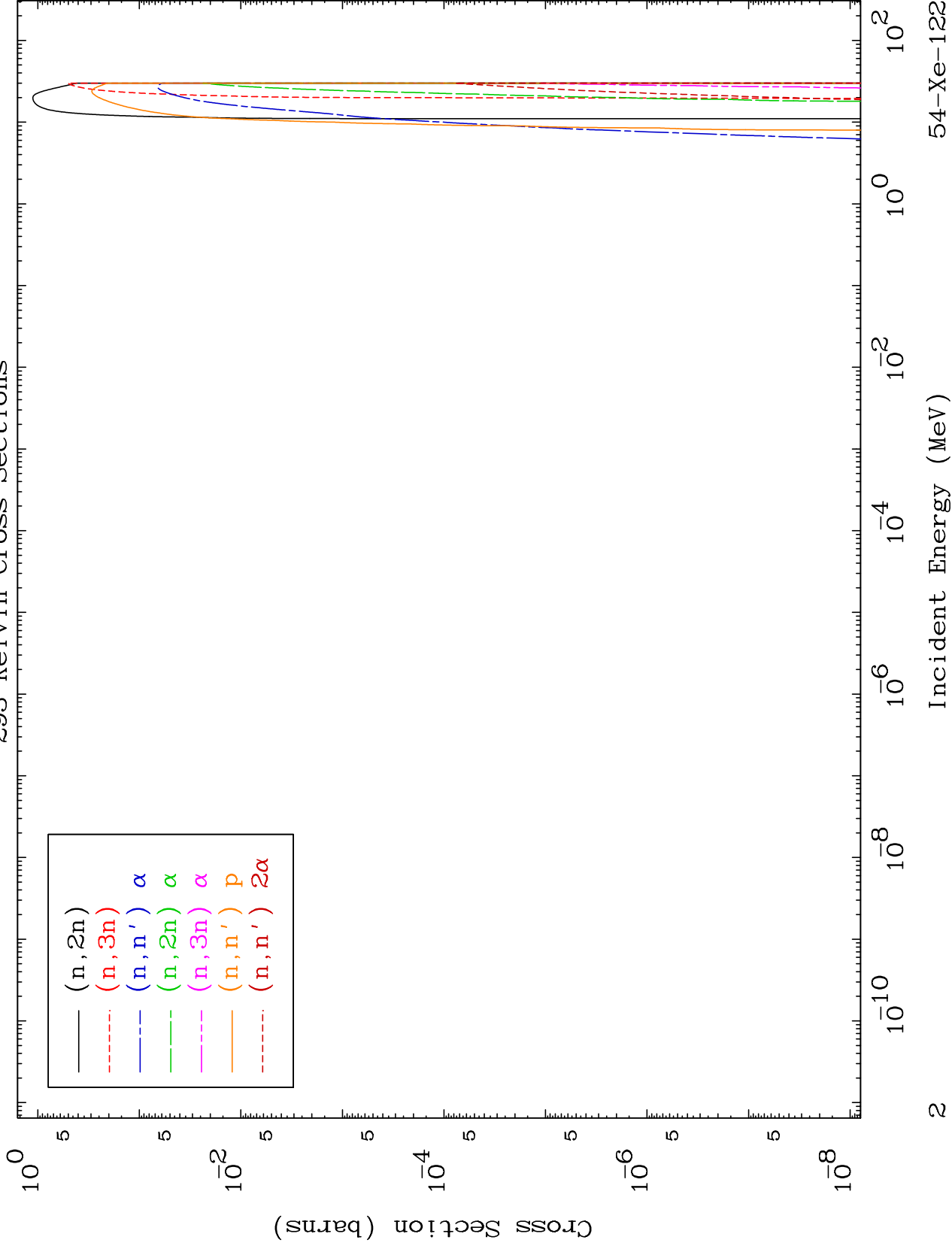
54-Xe-122

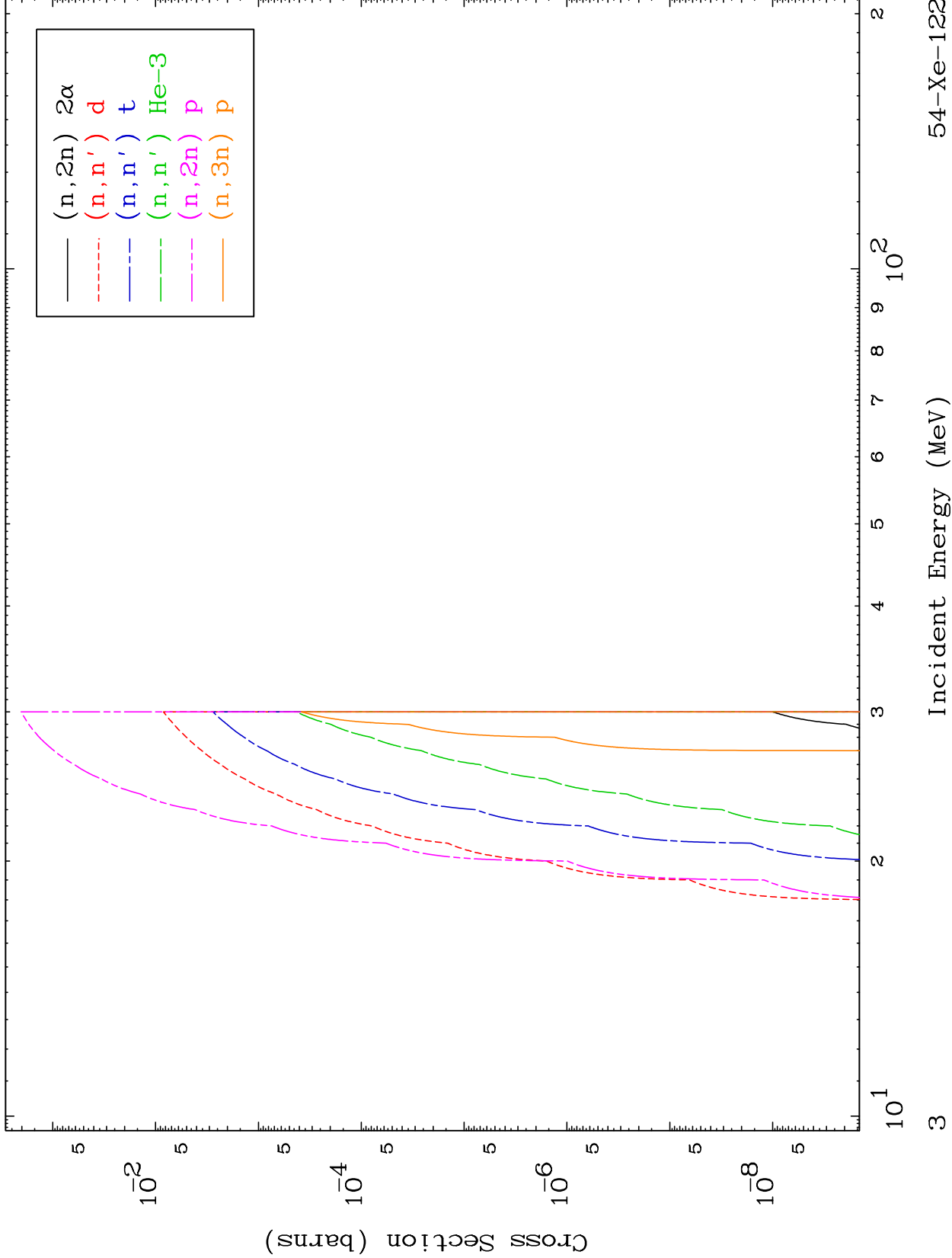


MAT 5419

Neutron Production  
293 Kelvin Cross Sections

54-Xe-122

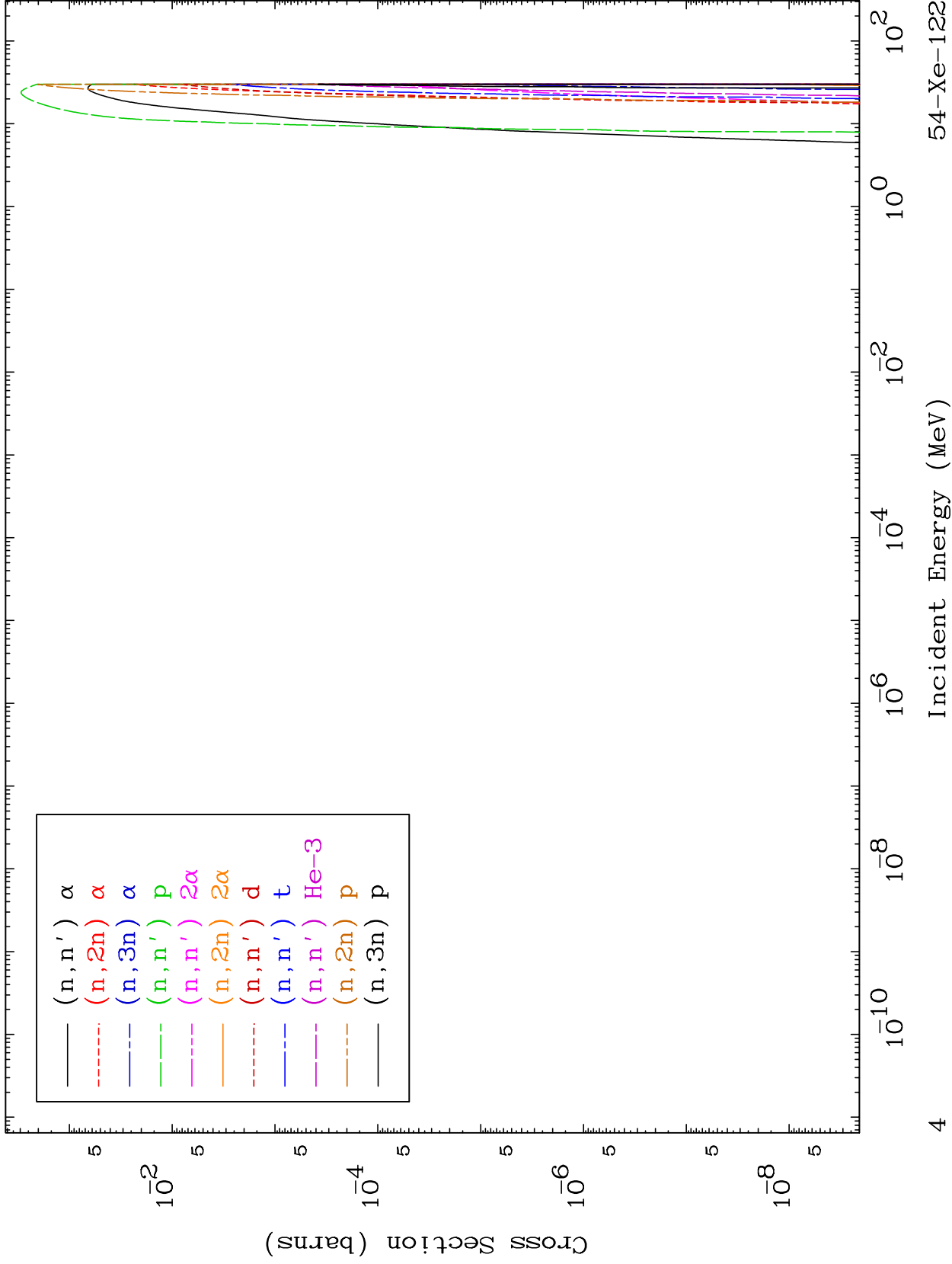




MAT 5419

Charged Particle  
293 Kelvin Cross Sections

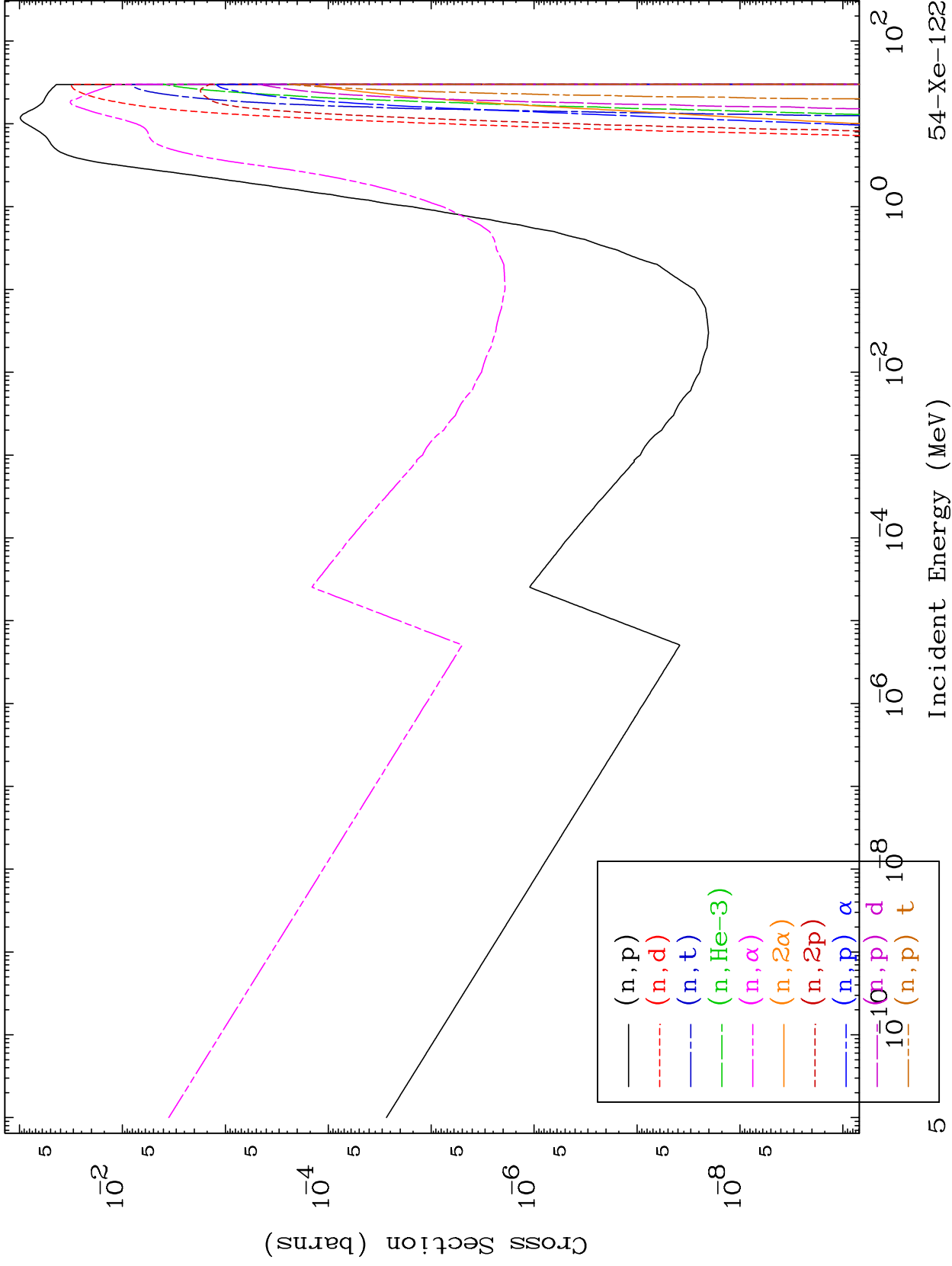
54-Xe-122

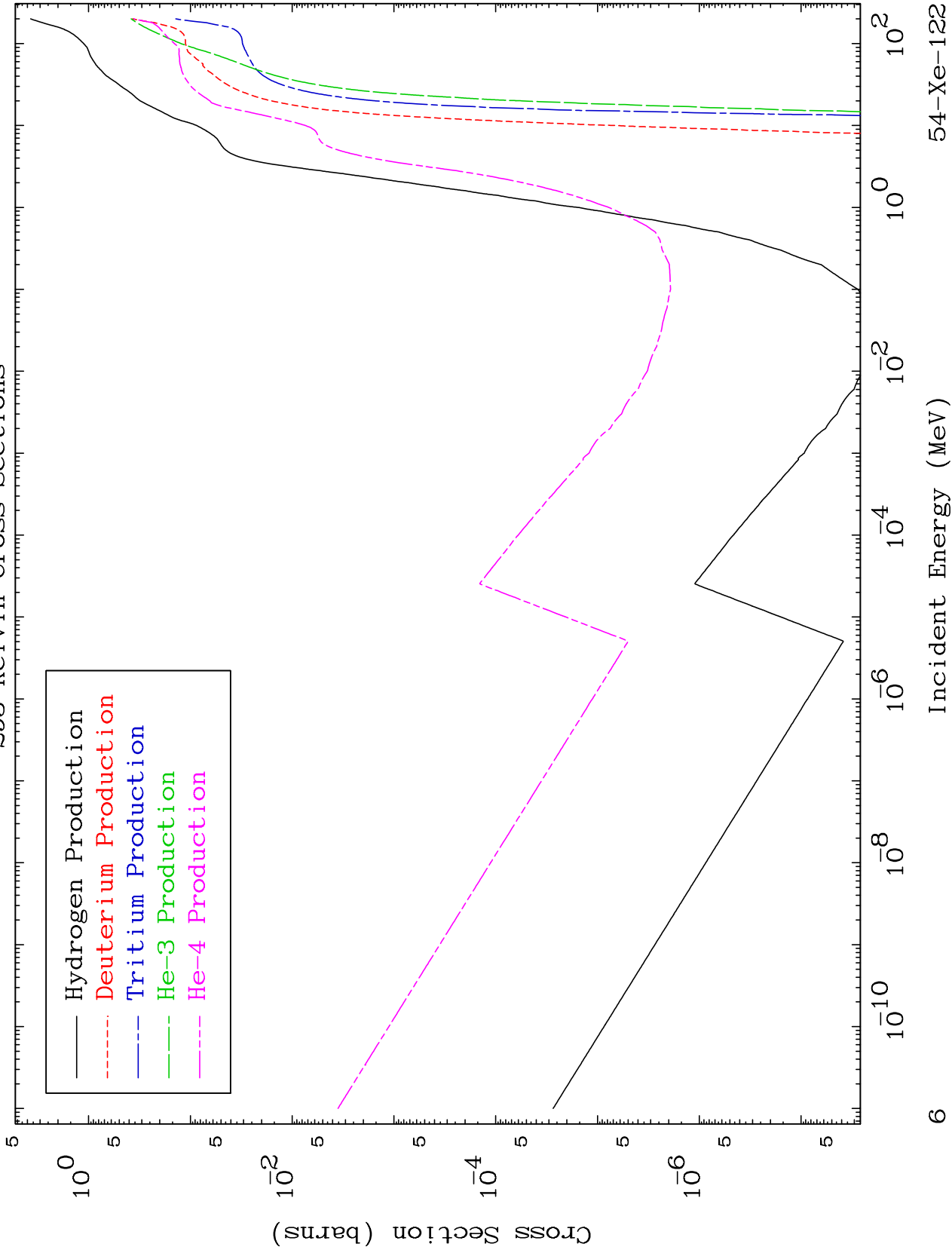


MAT 5419

Charged Particle  
293 Kelvin Cross Sections

54-Xe-122



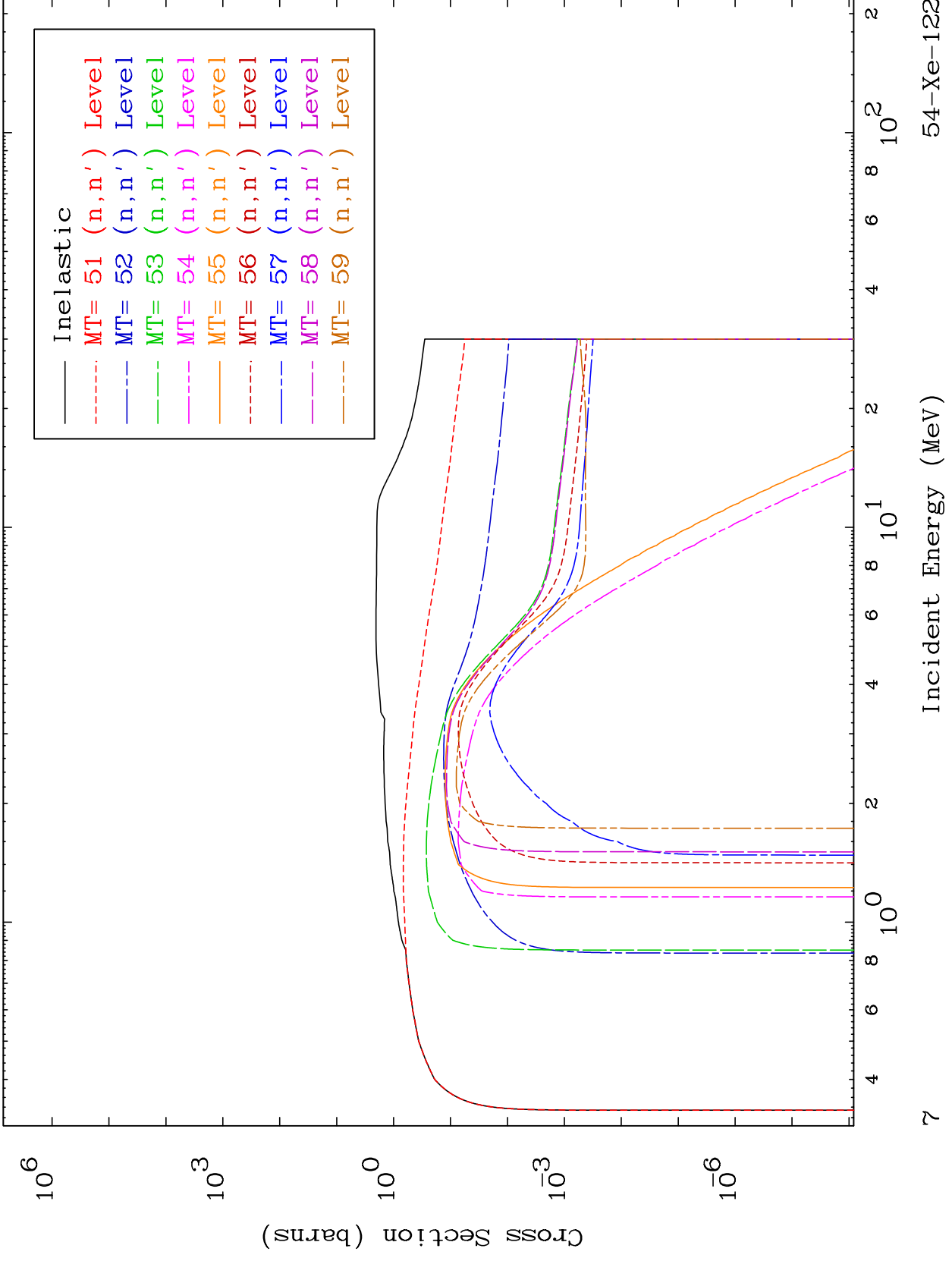


MAT 5419

(n,n') Level

54-Xe-122

293 Kelvin Cross Sections

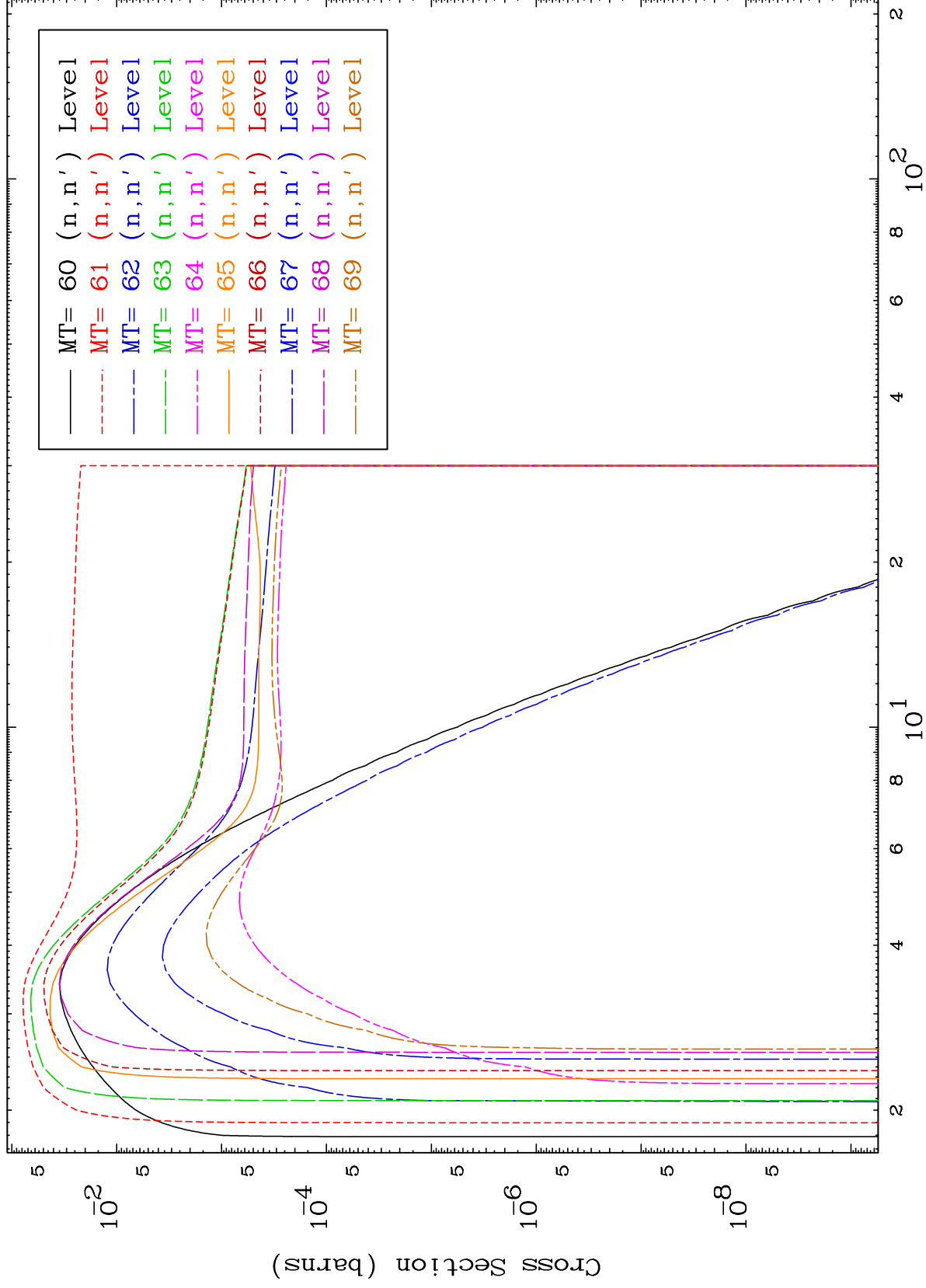


MAT 5419

(n,n') Level

54-Xe-122

293 Kelvin Cross Sections

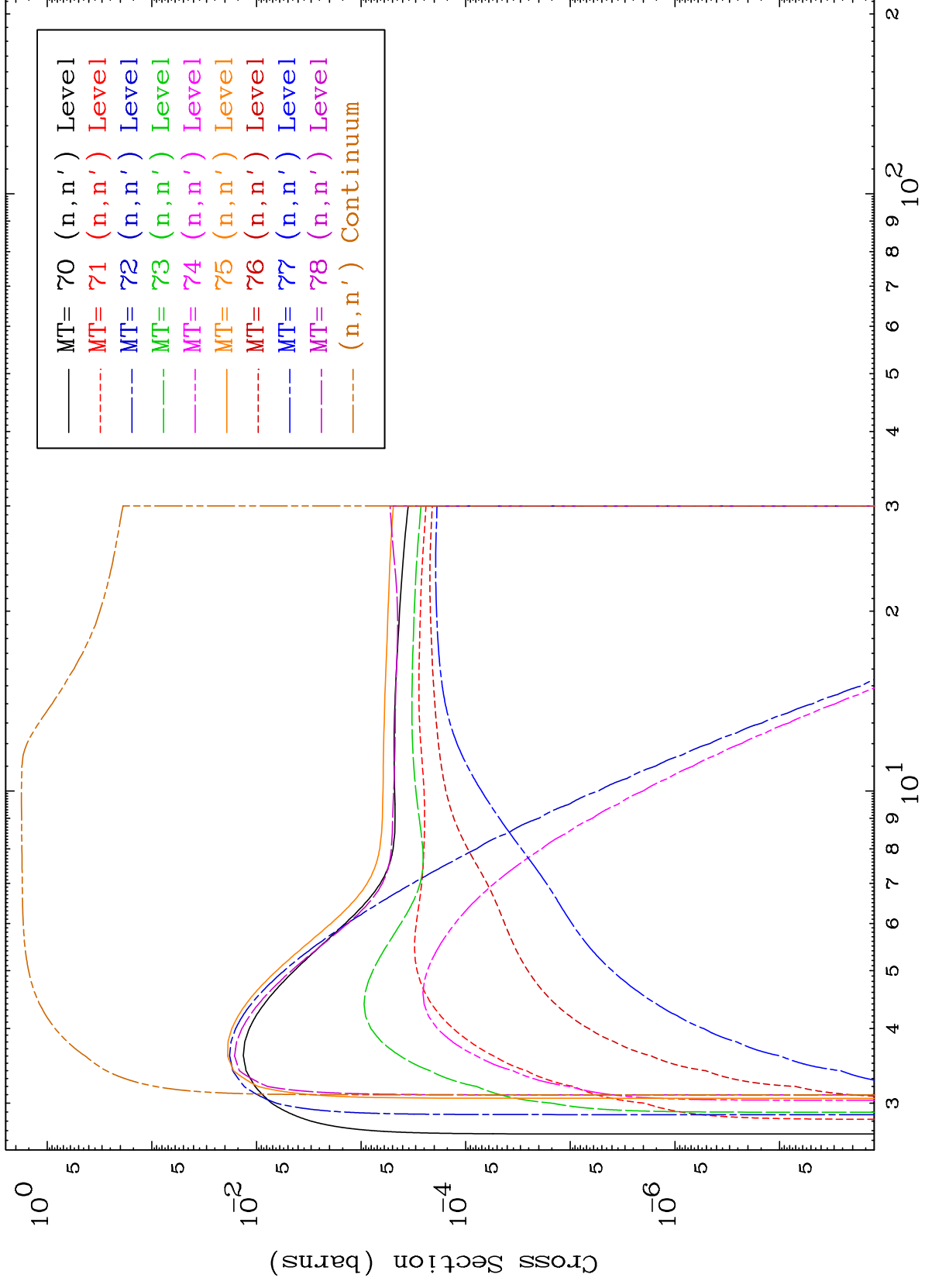


8

Incident Energy (MeV)

54-Xe-122

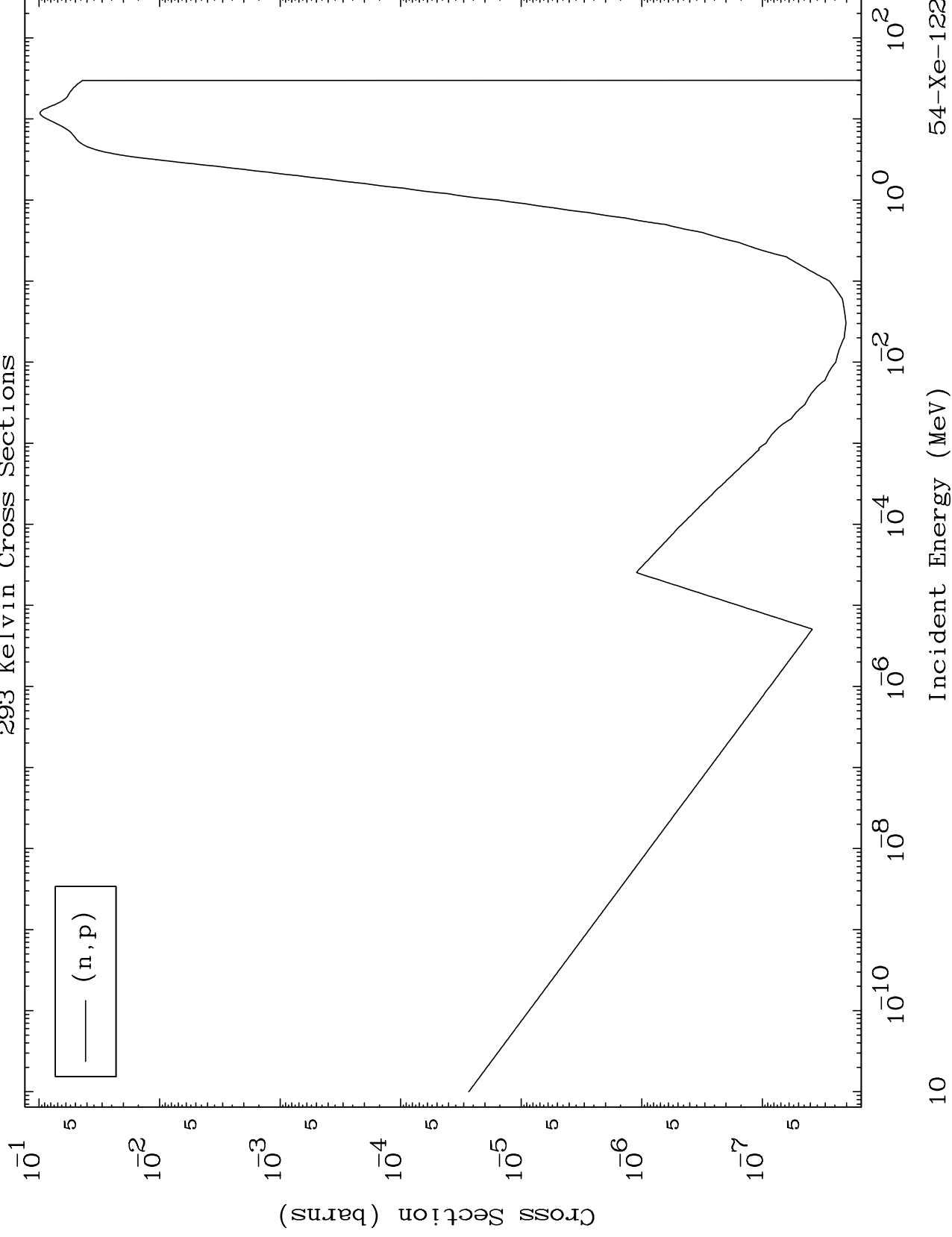
293 Kelvin Cross Sections



MAT 5419

(n,p) Levels  
293 Kelvin Cross Sections

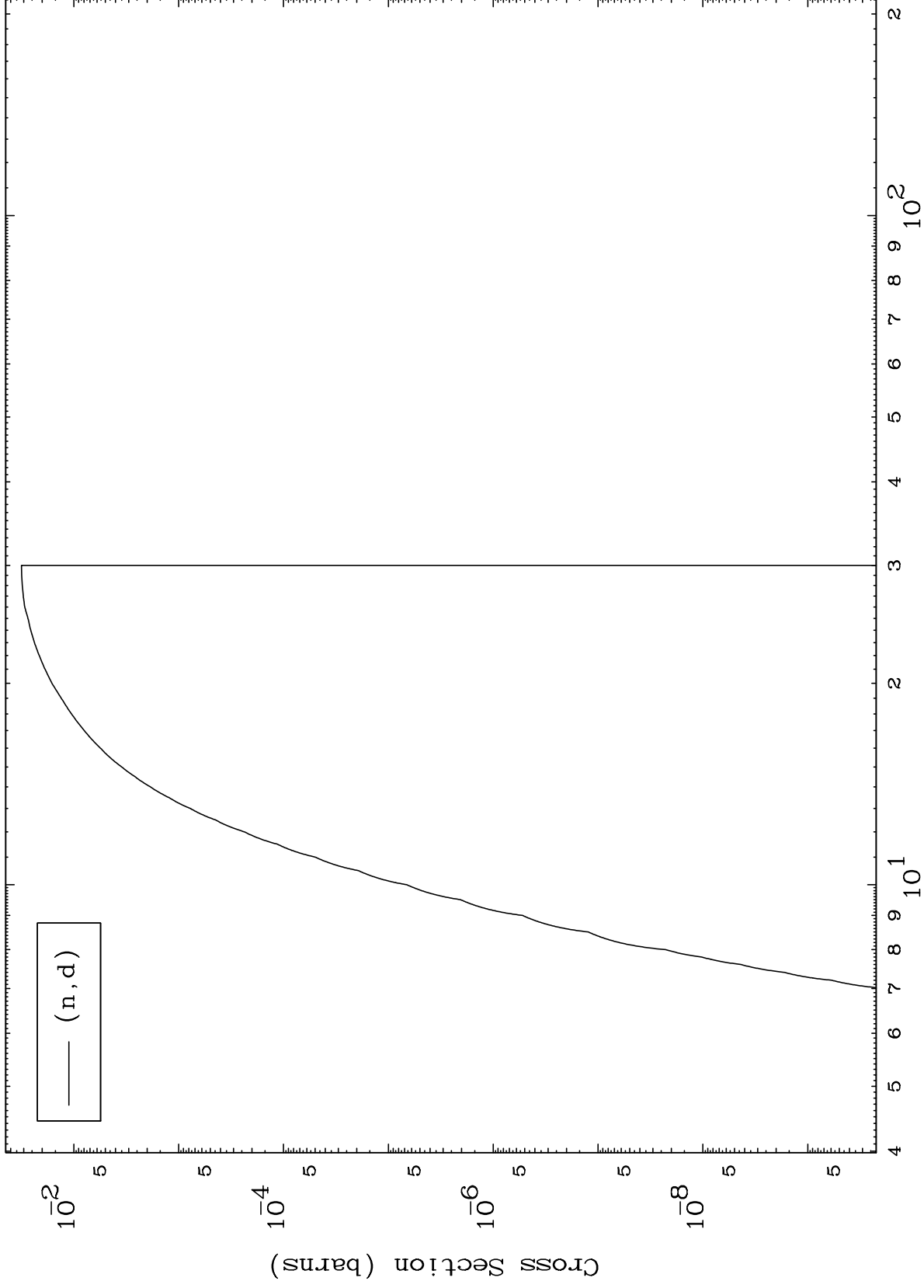
54-Xe-122



MAT 5419

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-122



11

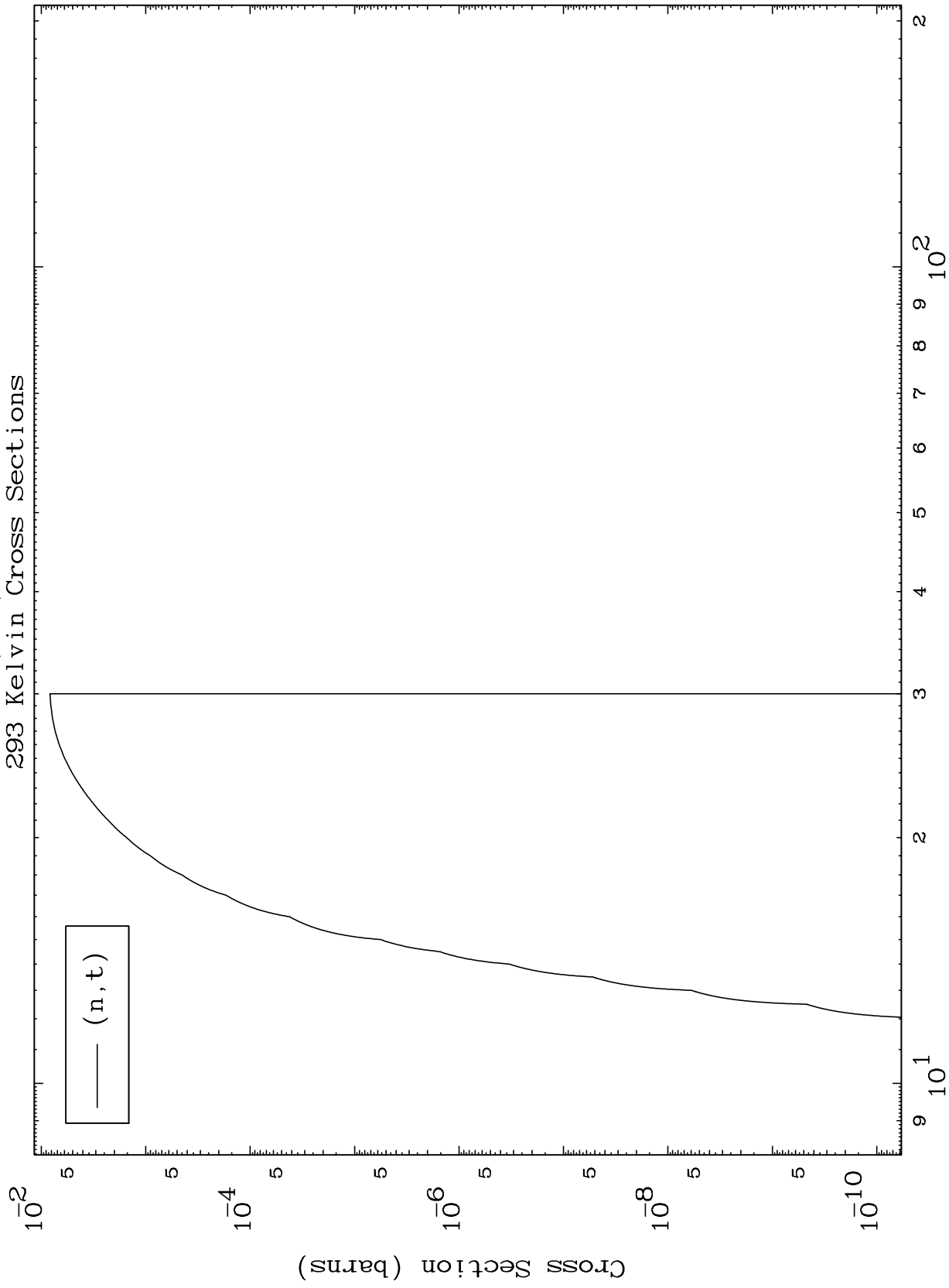
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-122



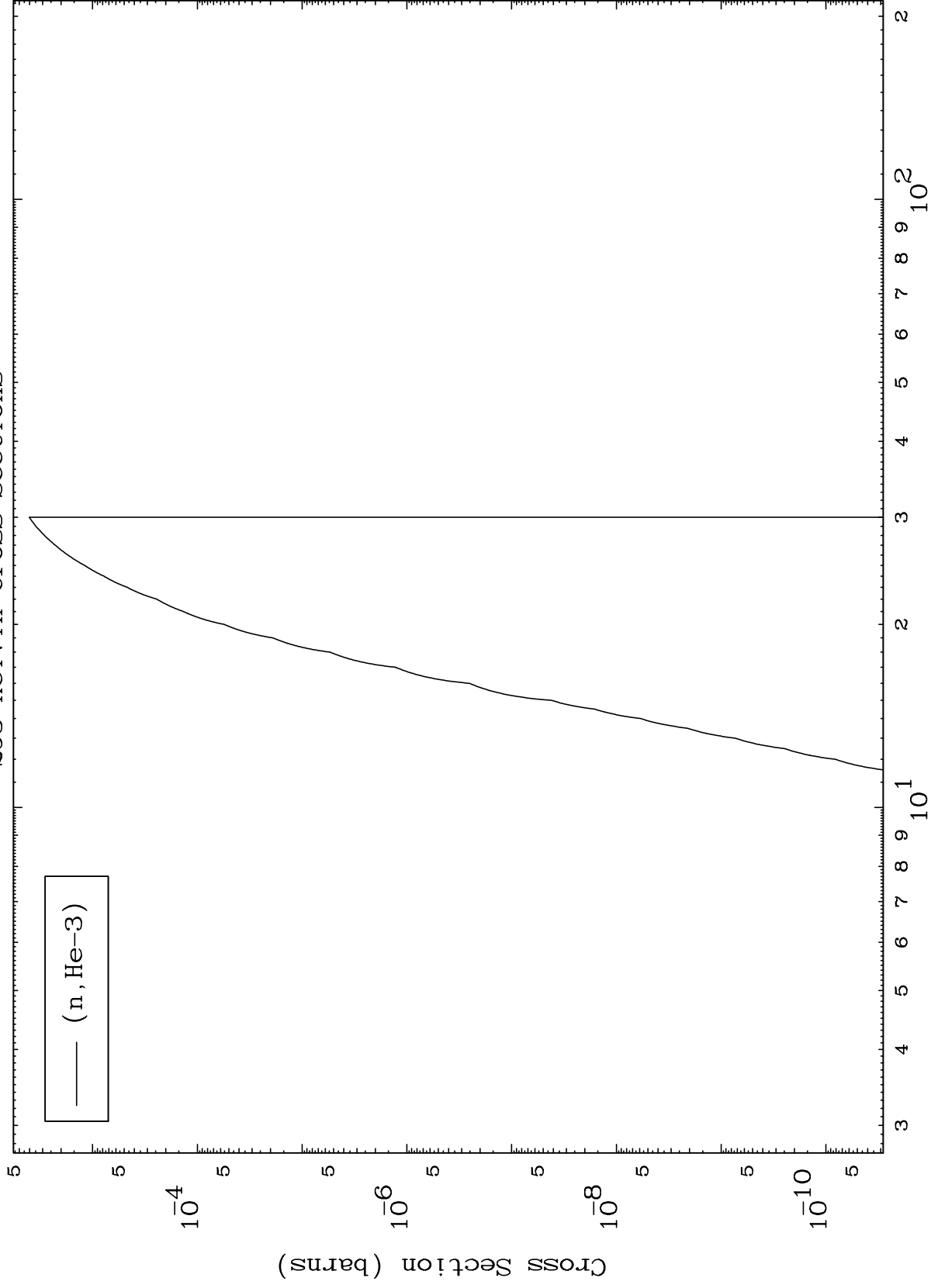
12

54-Xe-122

MAT 5419

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-122



13

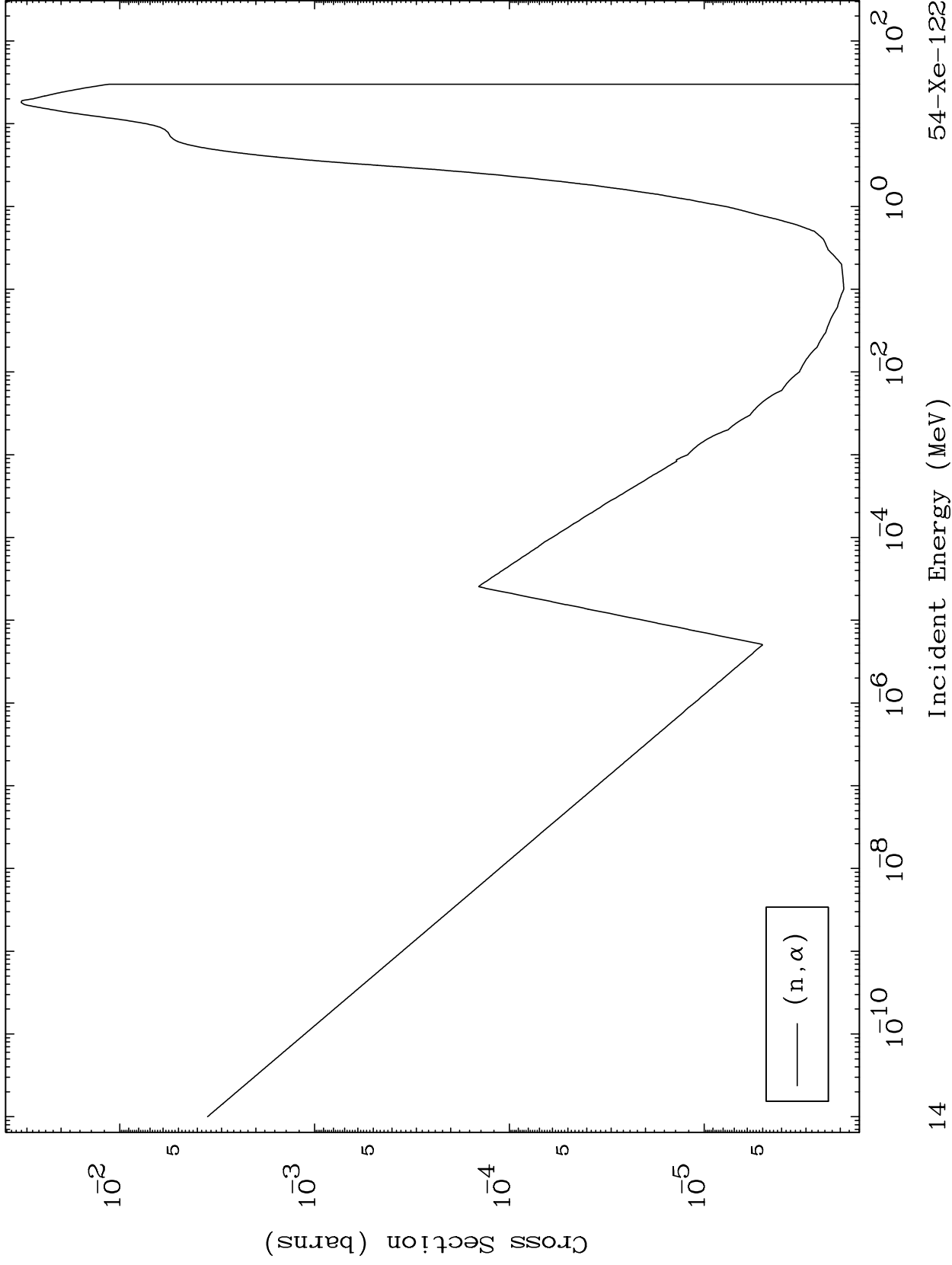
Incident Energy (MeV)

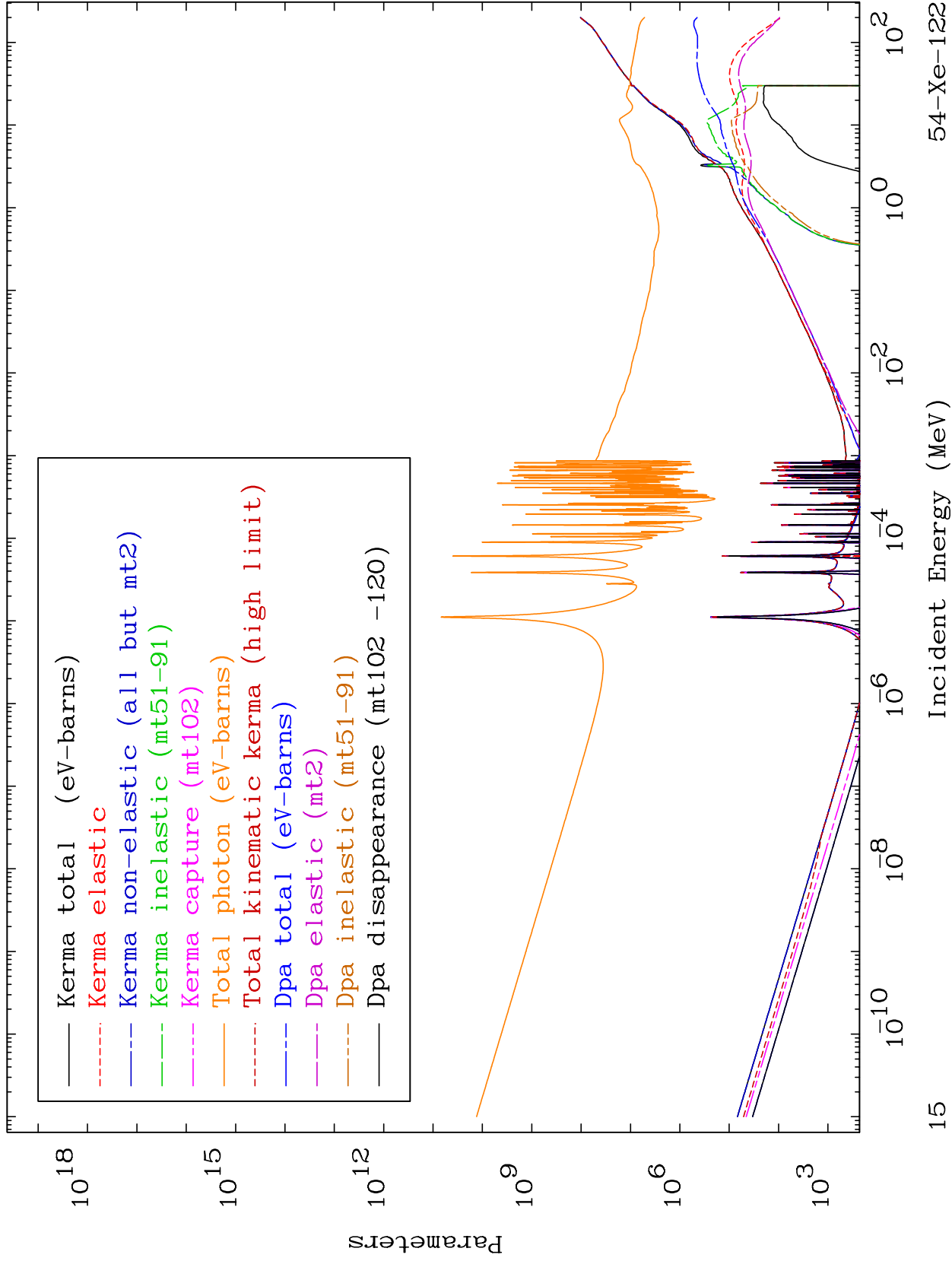
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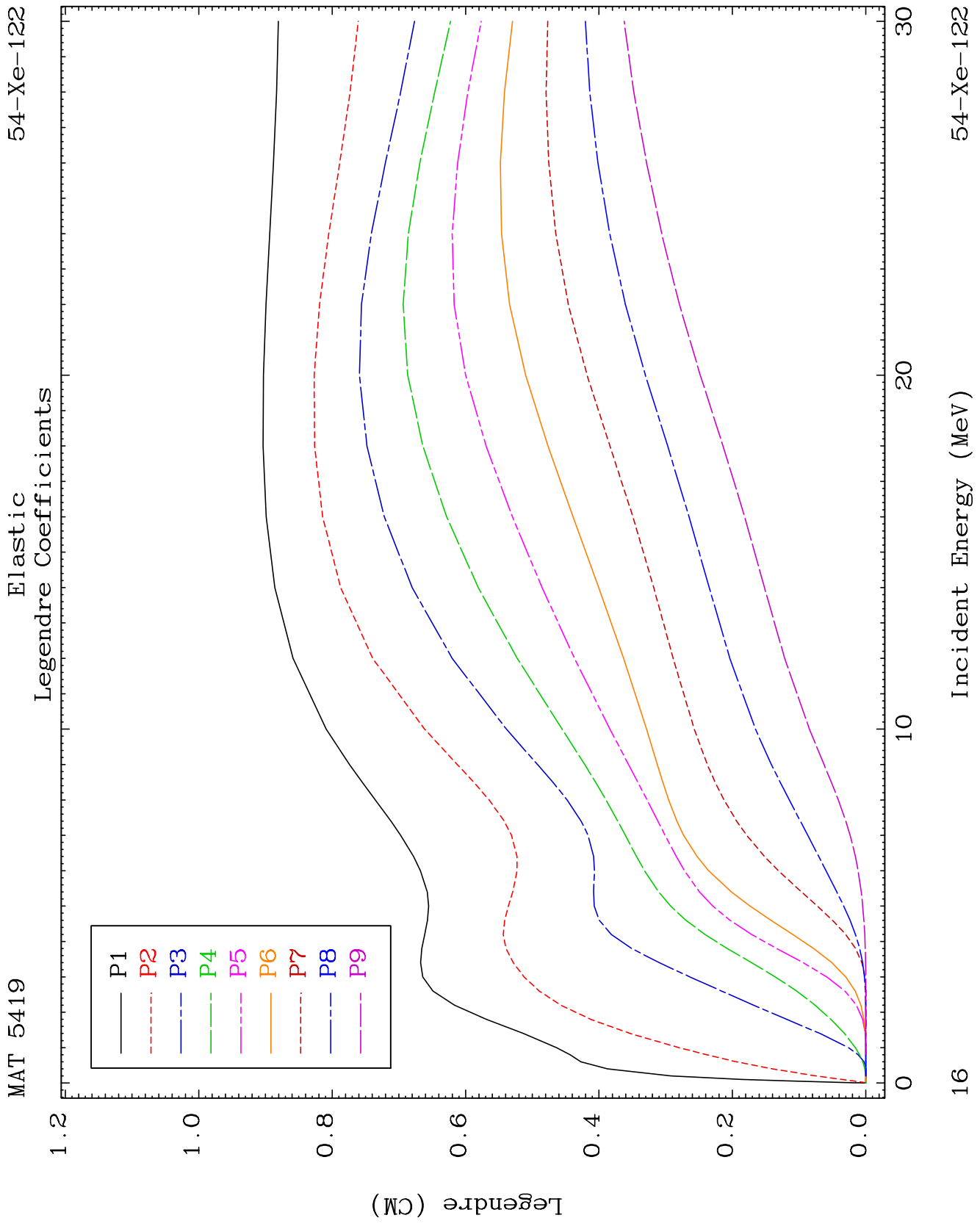
MAT 5419

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

54-Xe-122



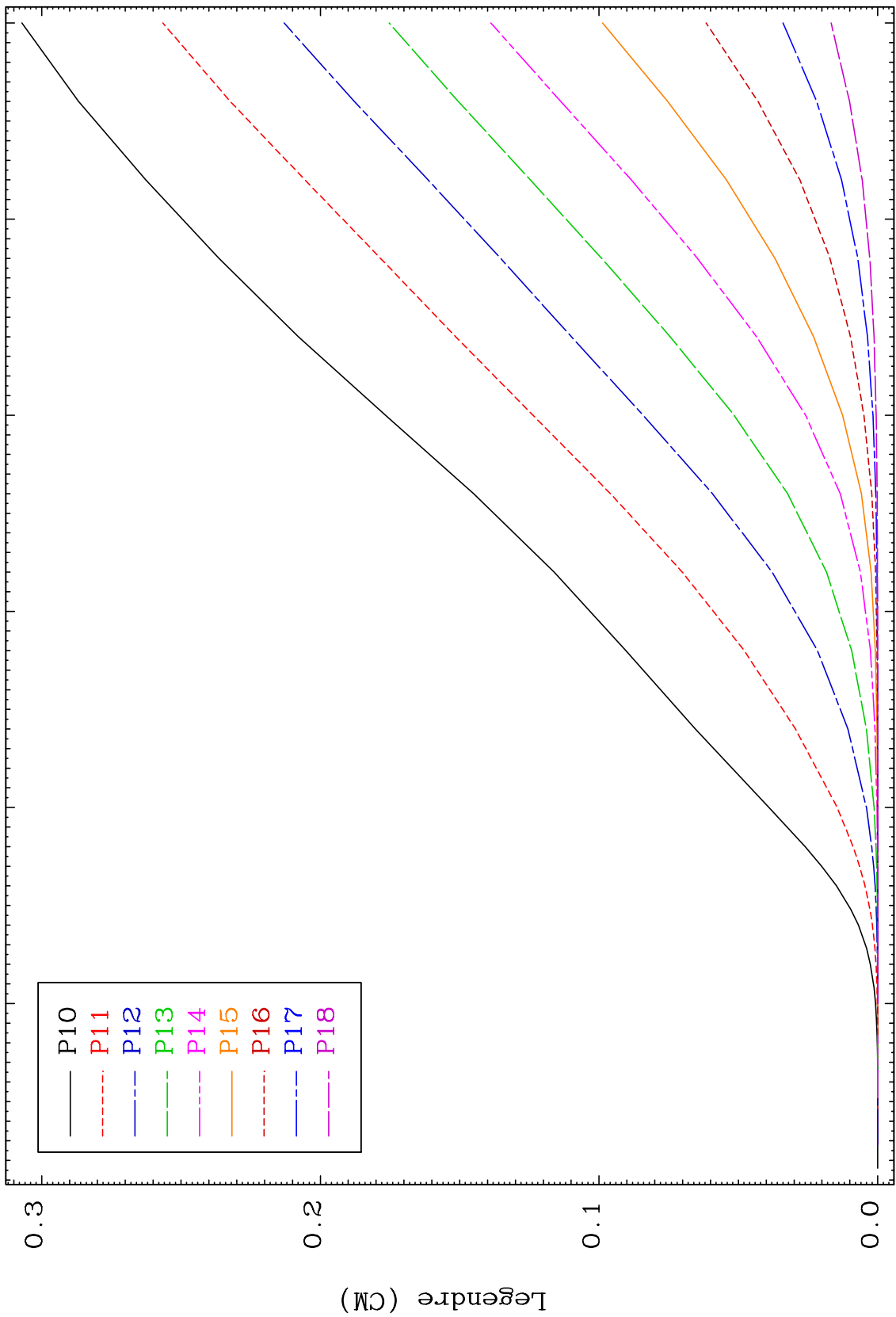




MAT 5419

Elastic Legendre Coefficients

54-Xe-122



17

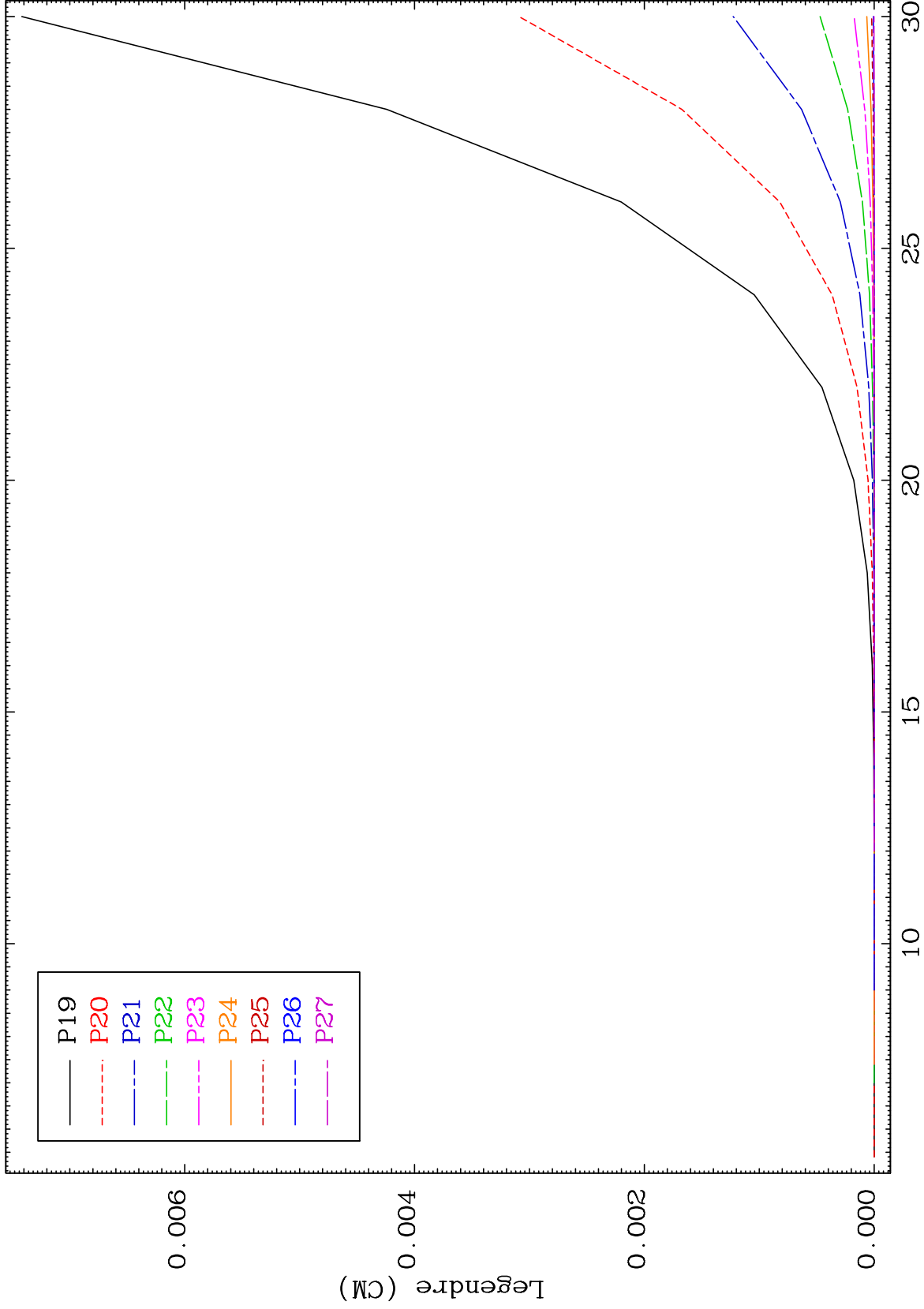
Incident Energy (MeV)

54-Xe-122

MAT 5419

### Elastic Legendre Coefficients

54-Xe-122



18

Incident Energy (MeV)

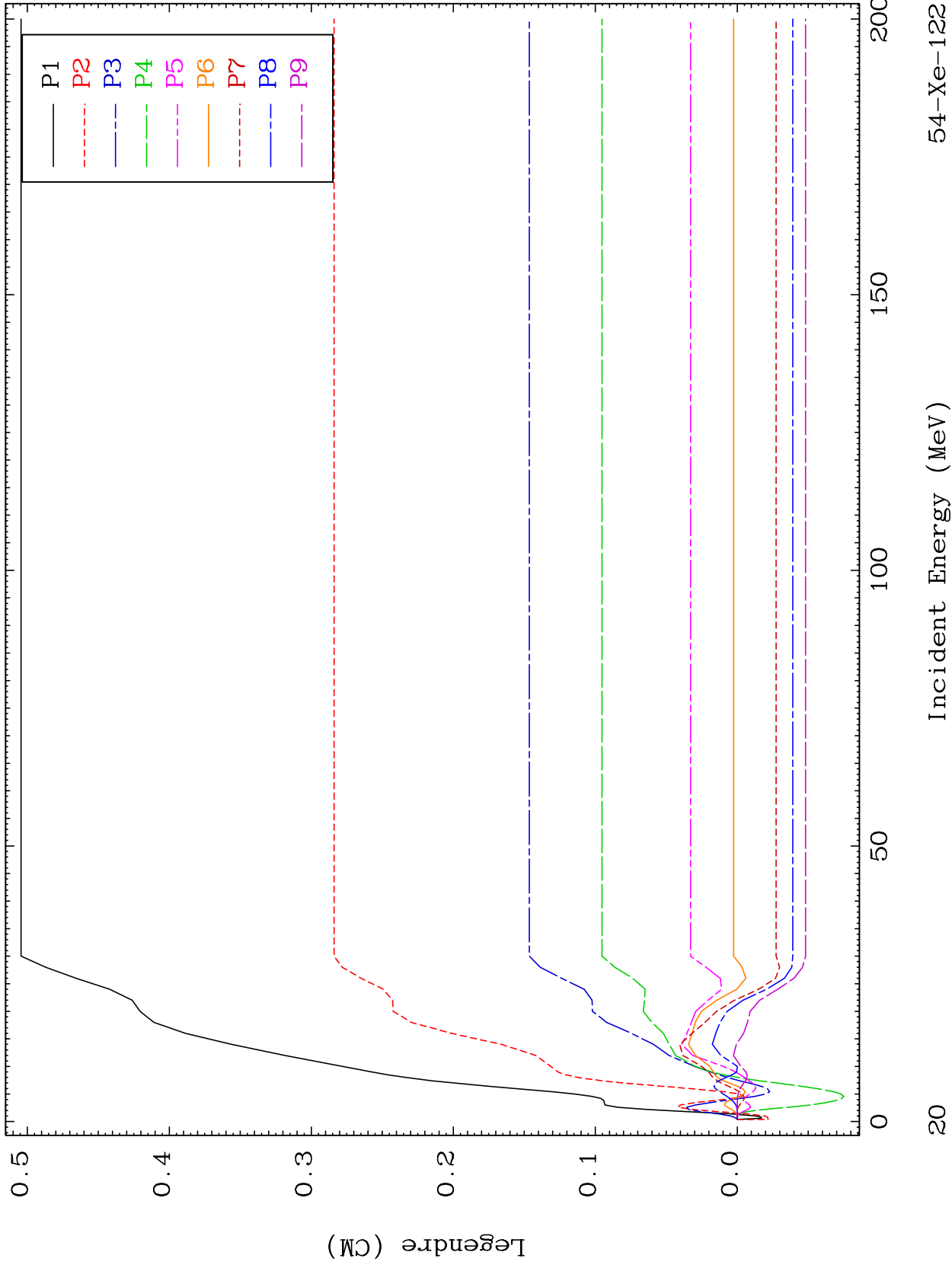
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

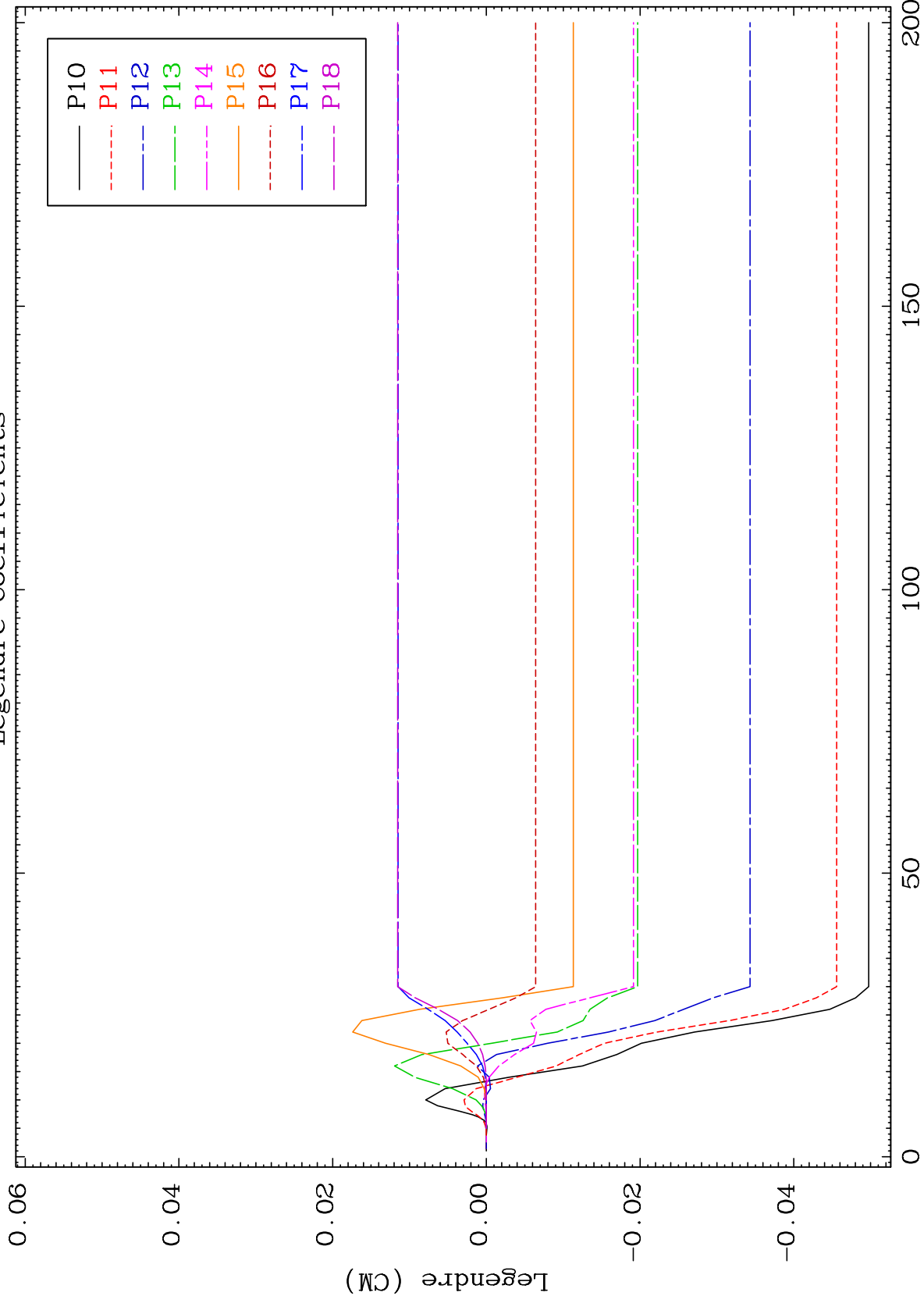
Incident Energy (MeV)

20

MAT 5419

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

54-Xe-122



21

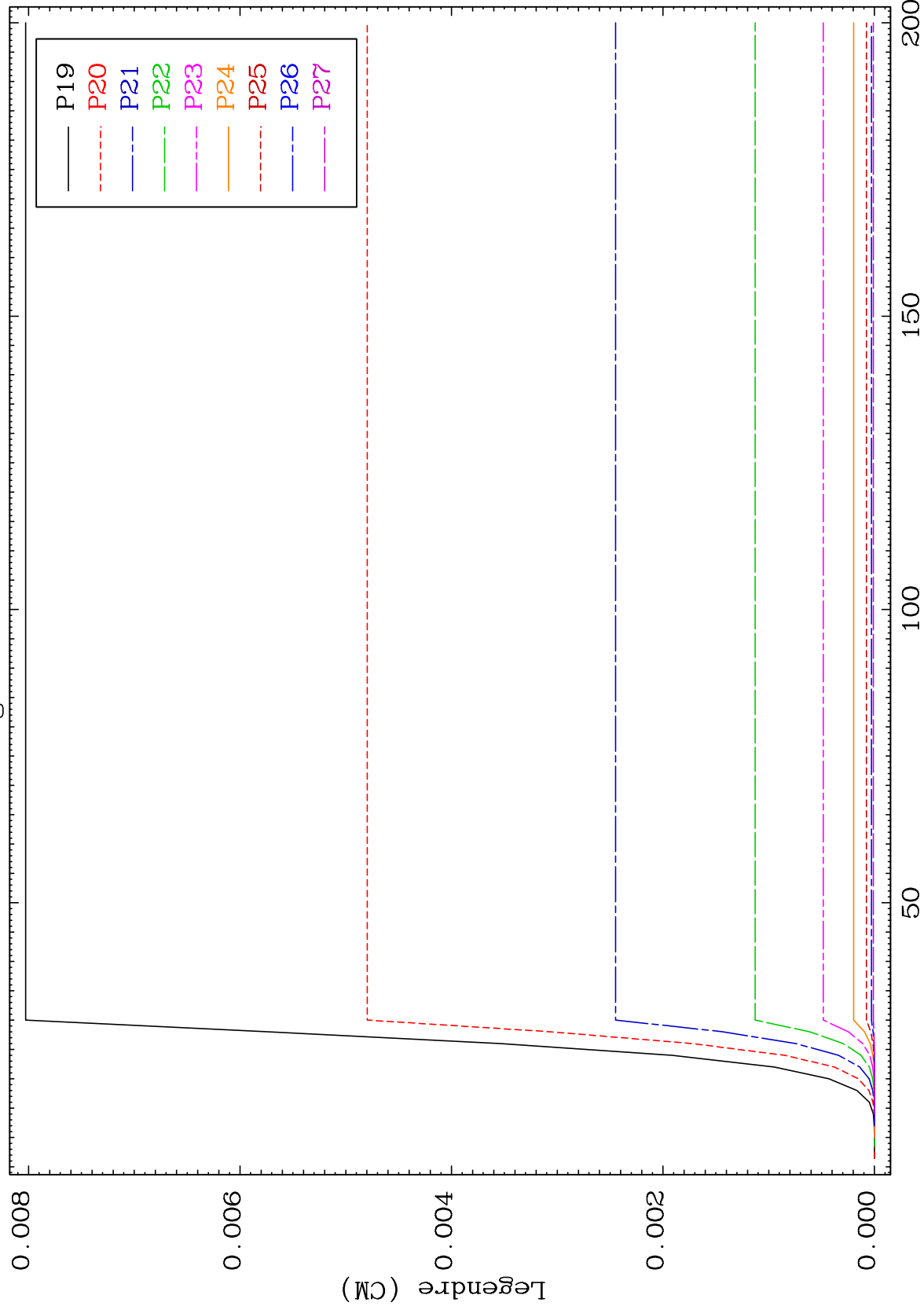
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



22

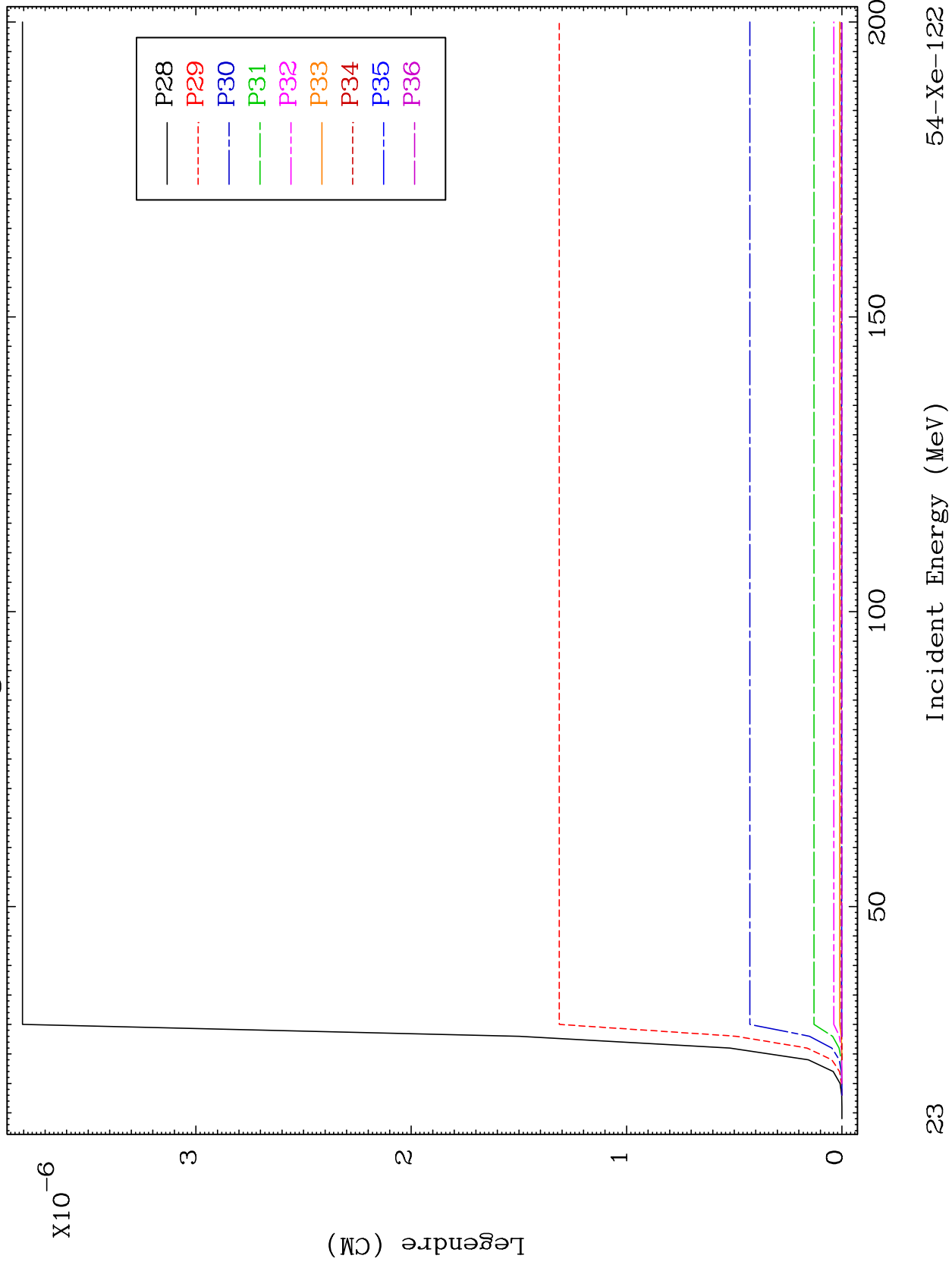
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

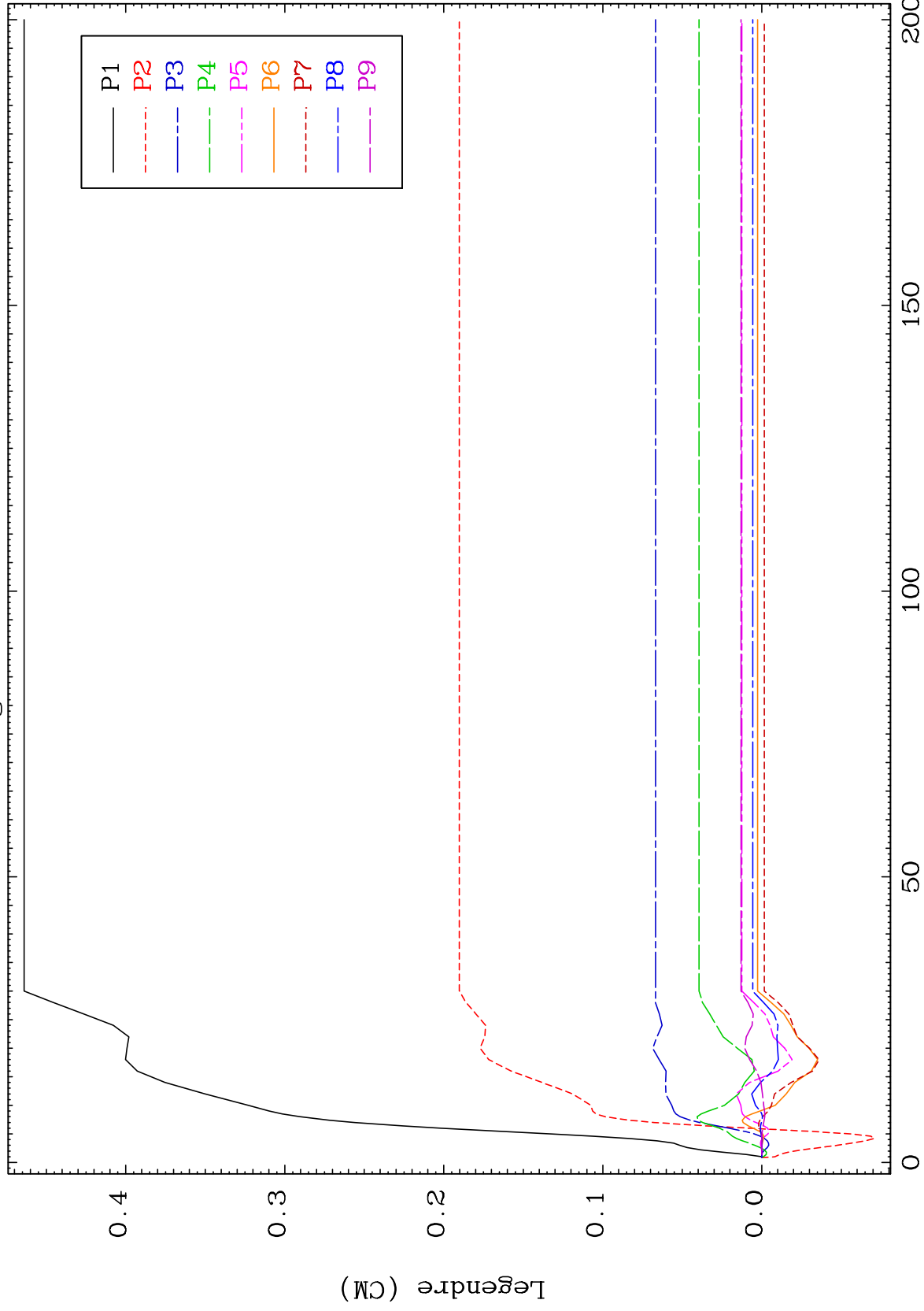
54-Xe-122



MAT 5419

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

54-Xe-122



24

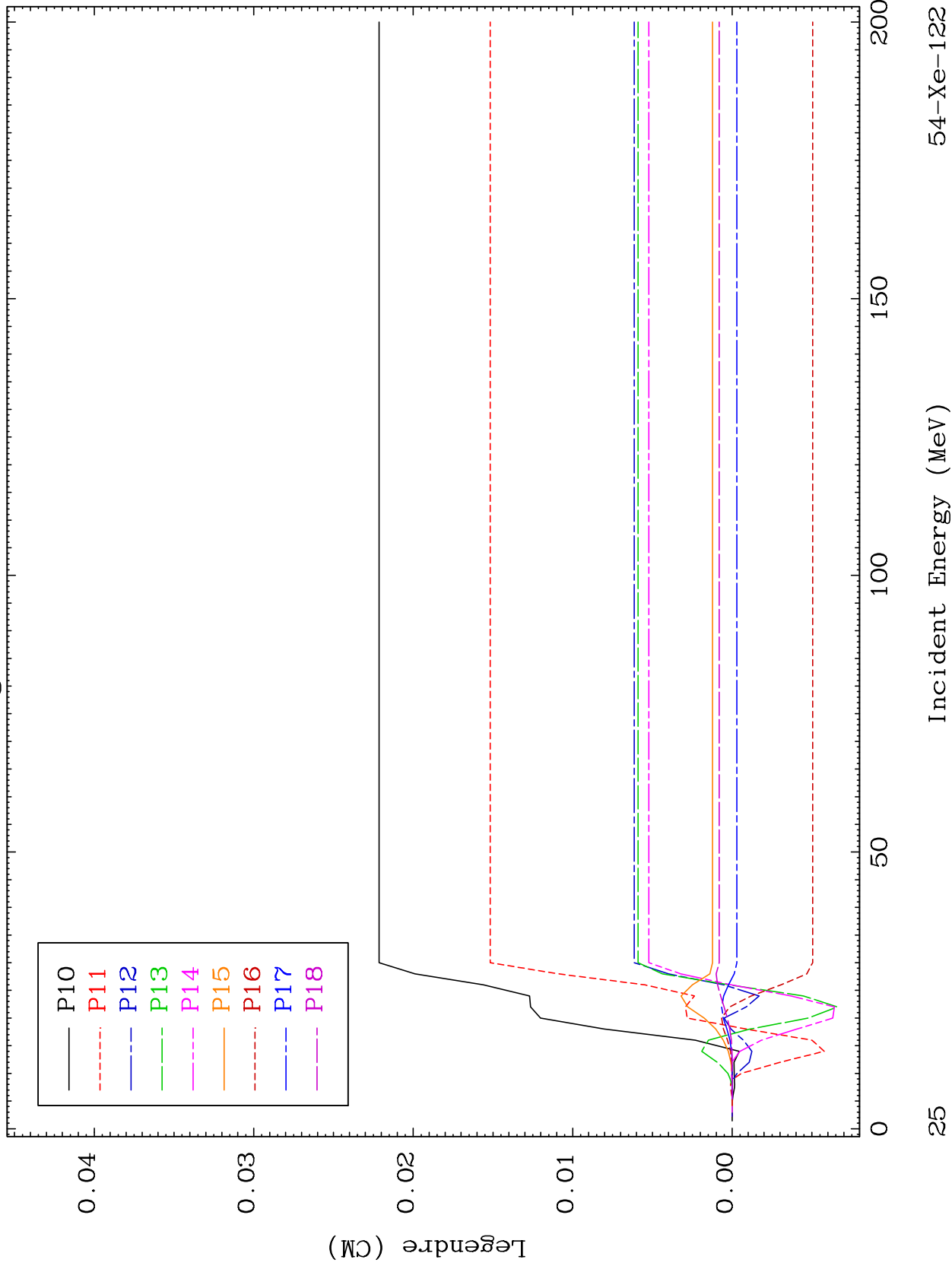
Incident Energy (MeV)

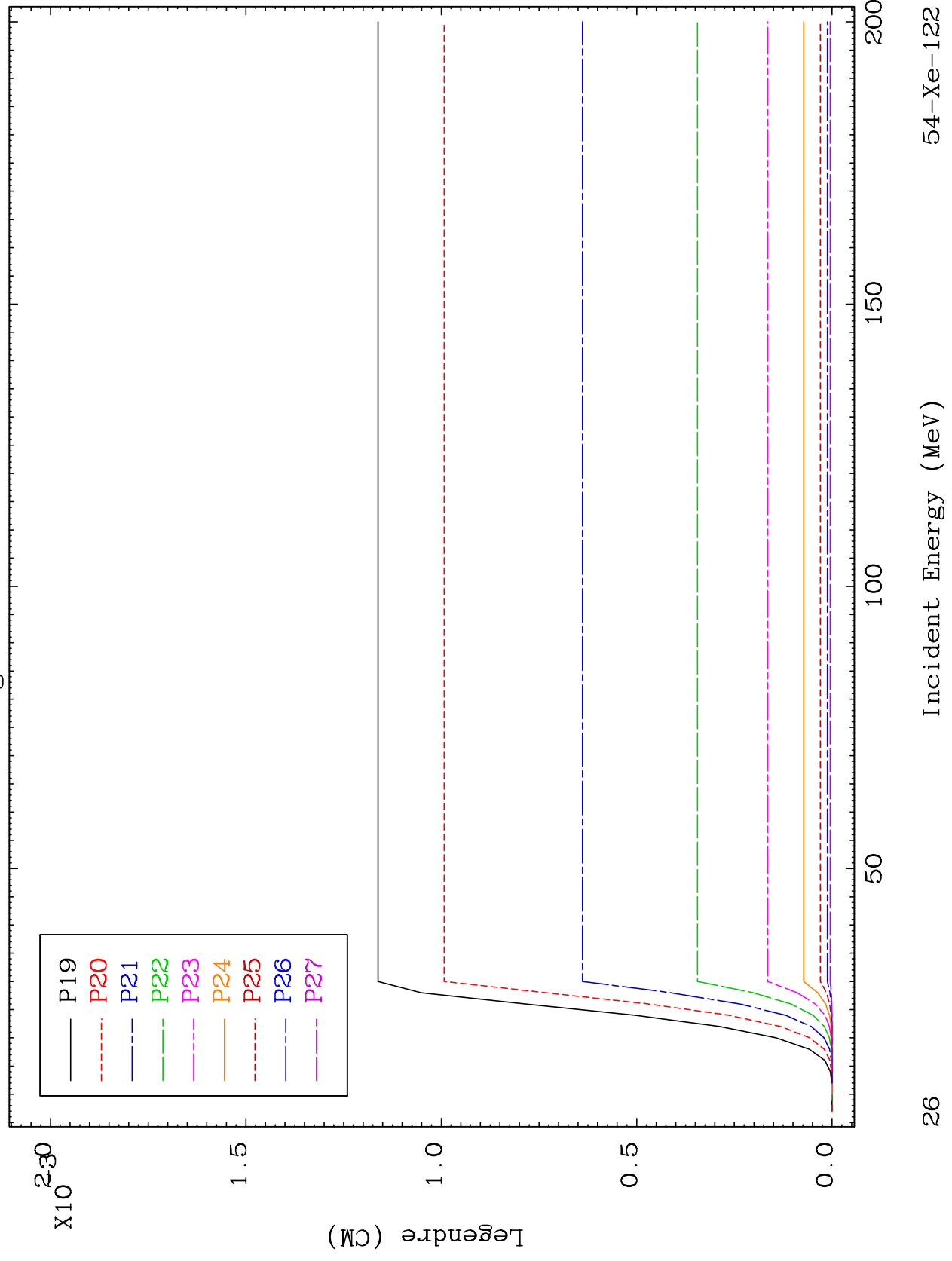
54-Xe-122

MAT 5419

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

54-Xe-122

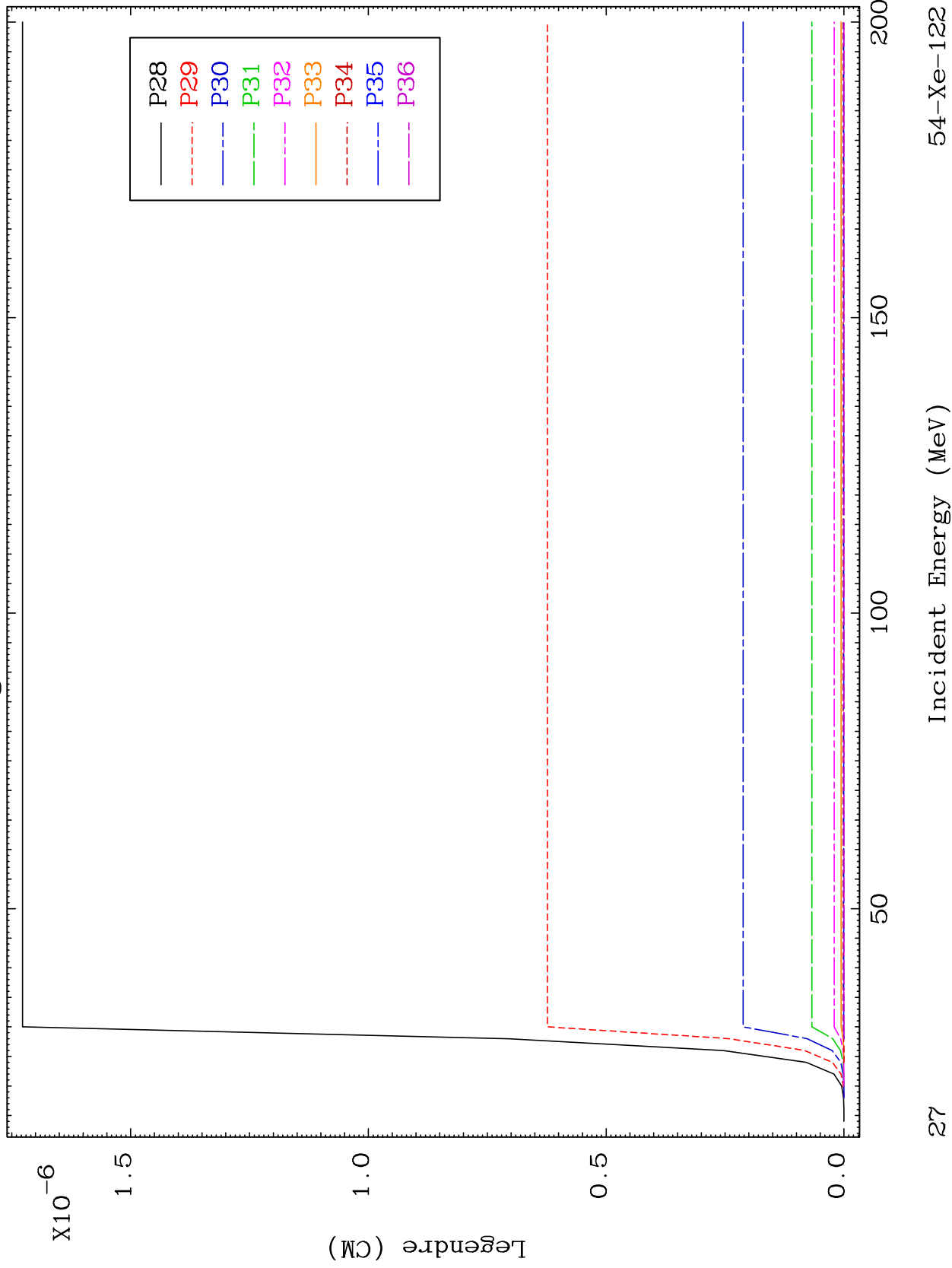




MAT 5419

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

54-Xe-122

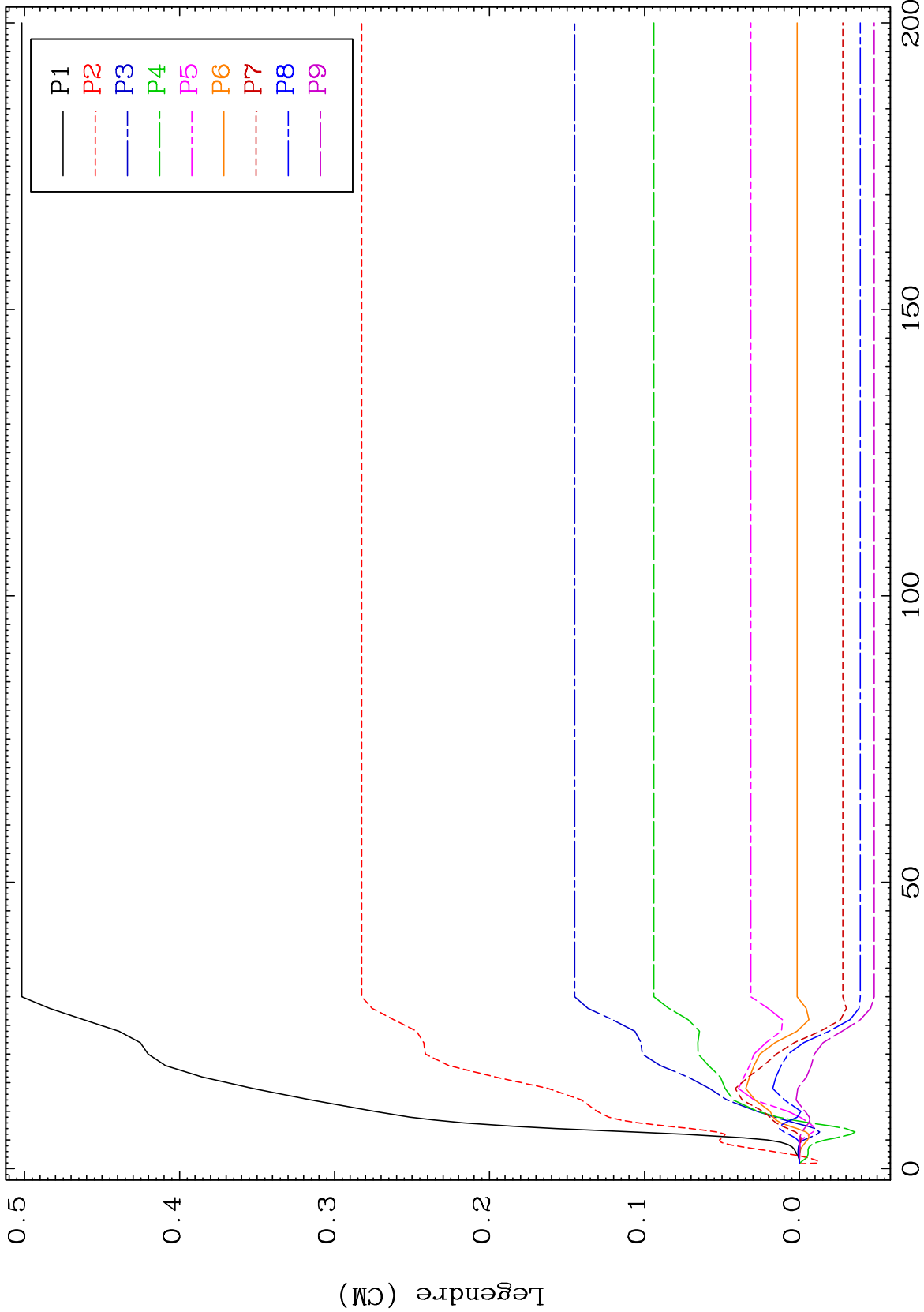


MAT 5419

MT= 53 (n,n') Level

54-Xe-122

Legendre Coefficients



28

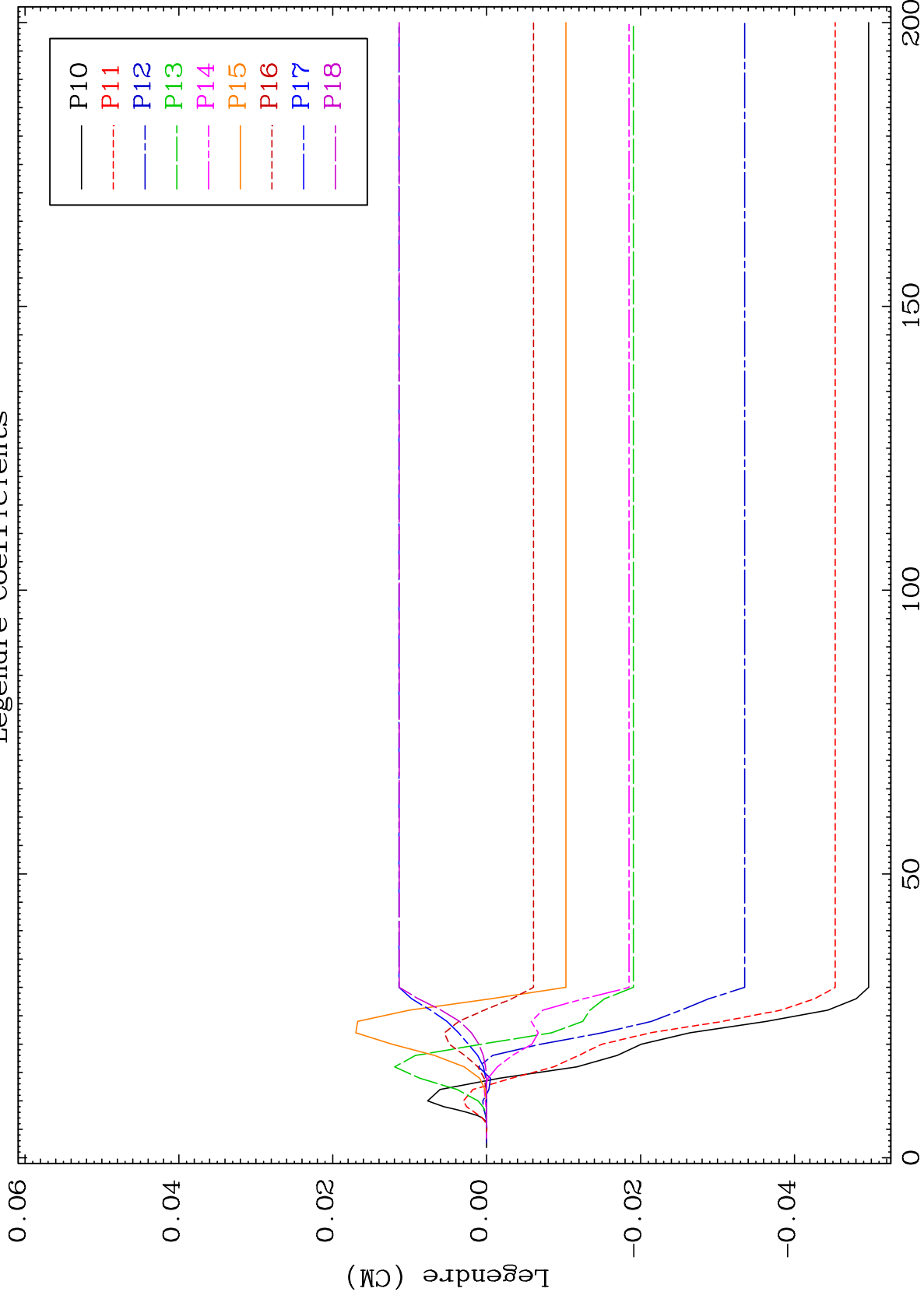
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



29

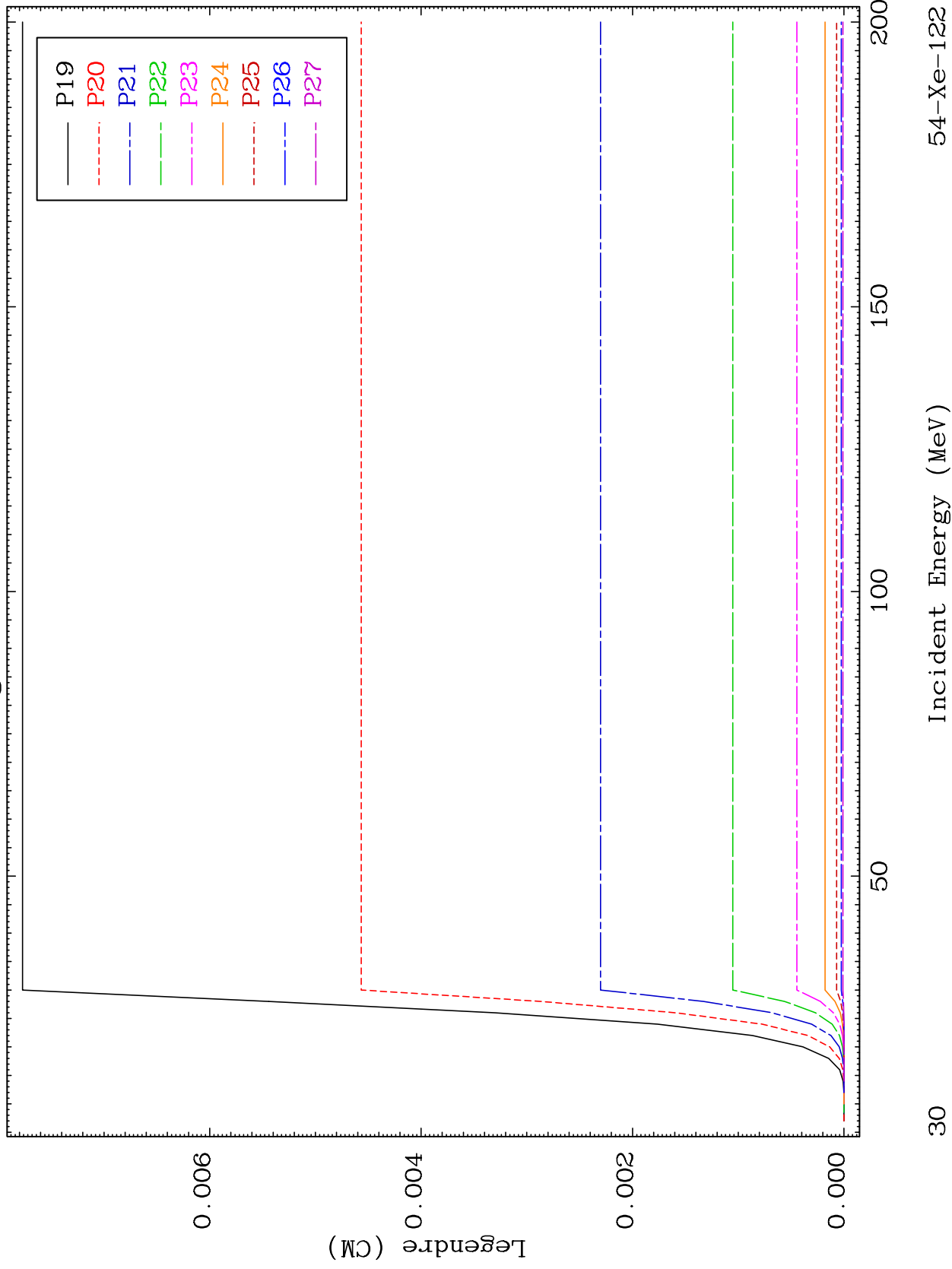
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

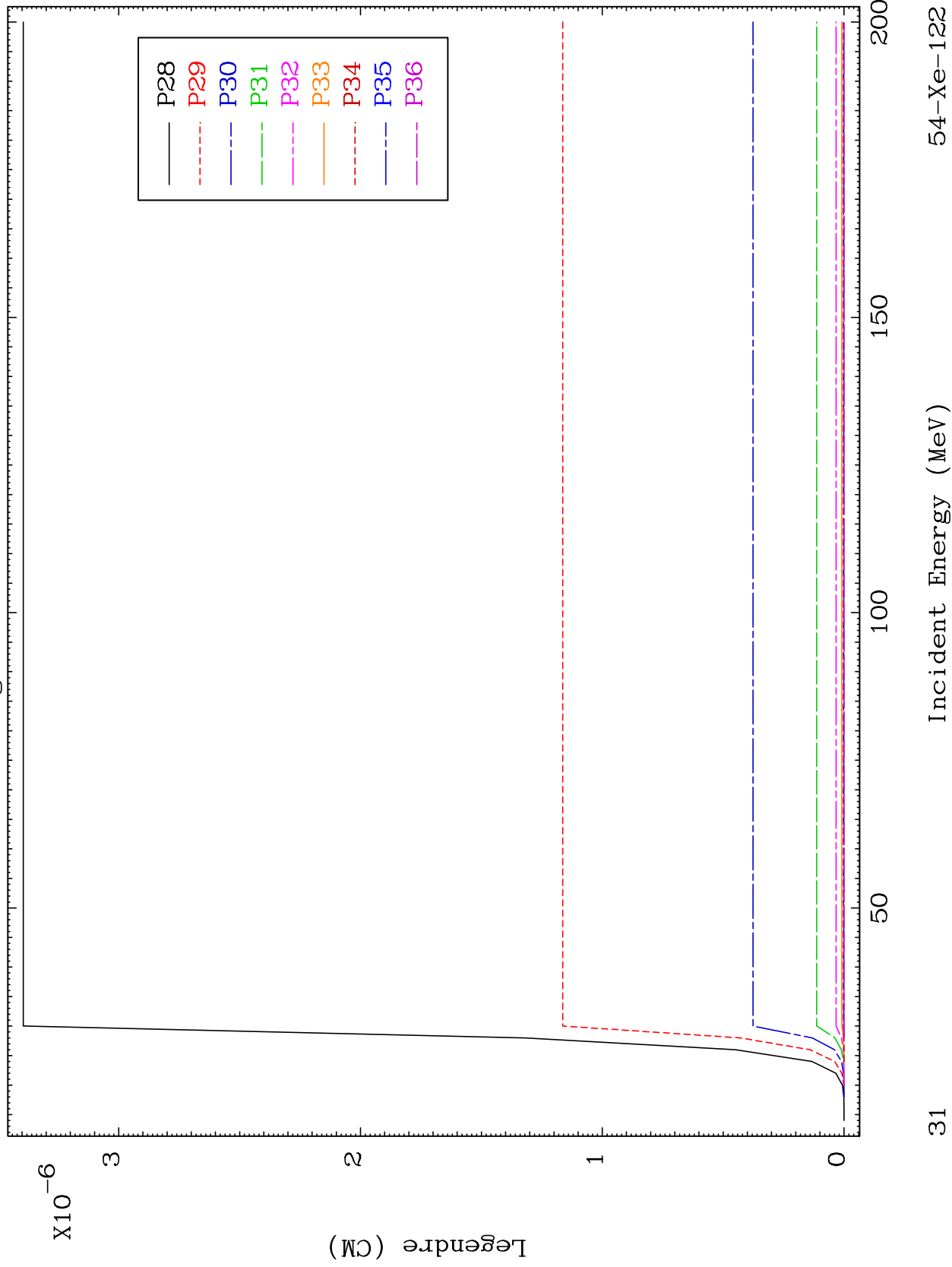
54-Xe-122



MAT 5419

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

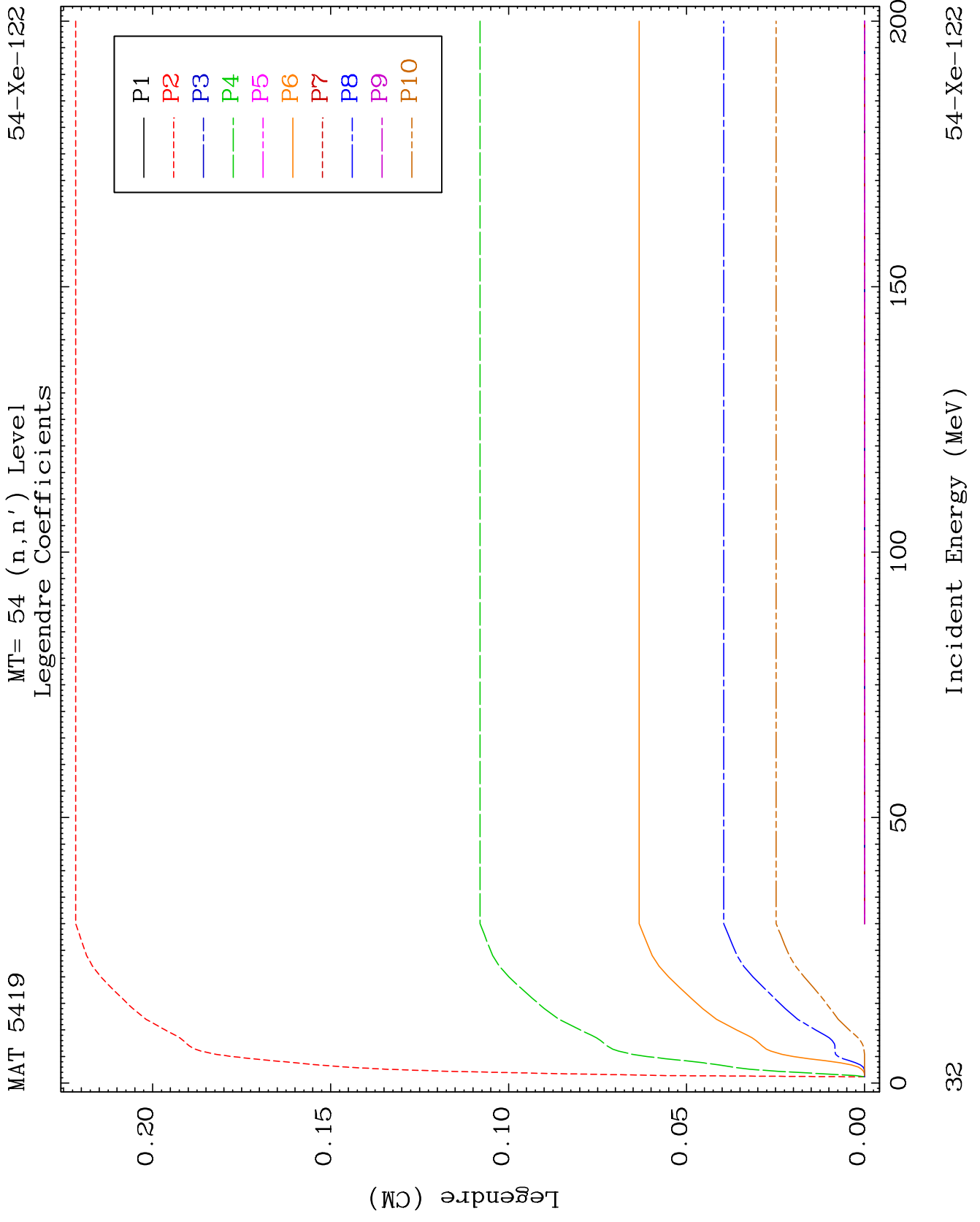
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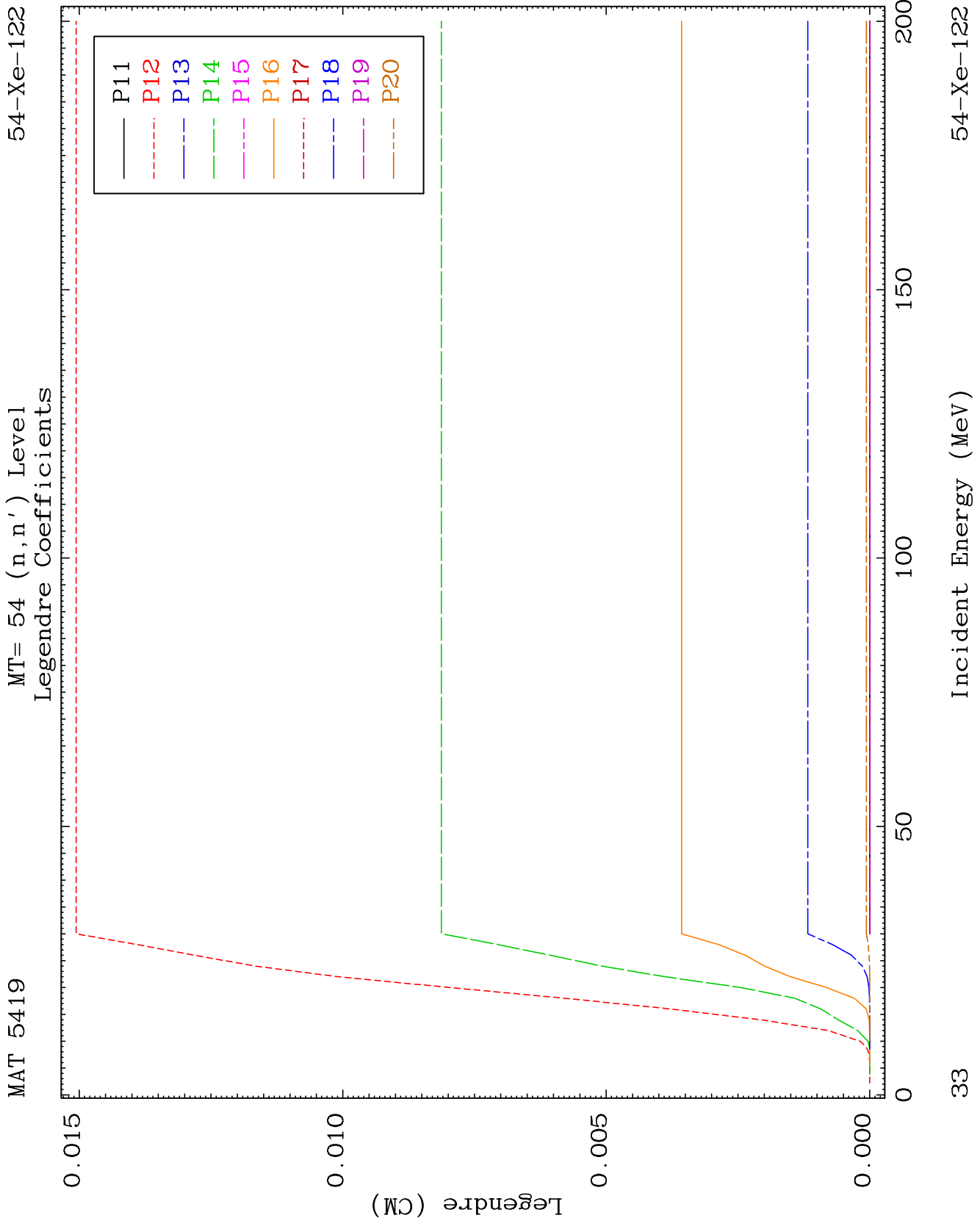


31

Incident Energy (MeV)

54-Xe-122

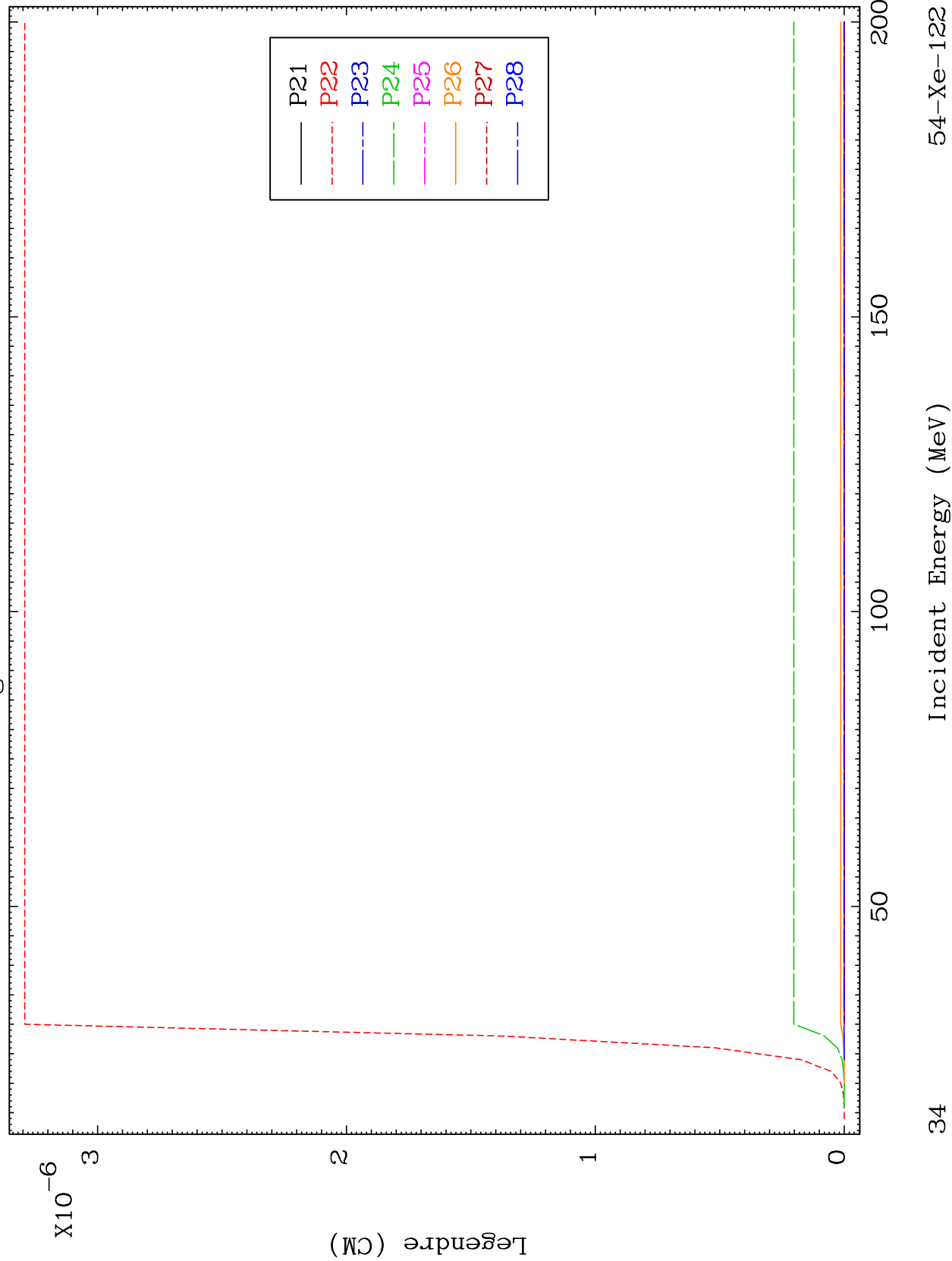




MAT 5419

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

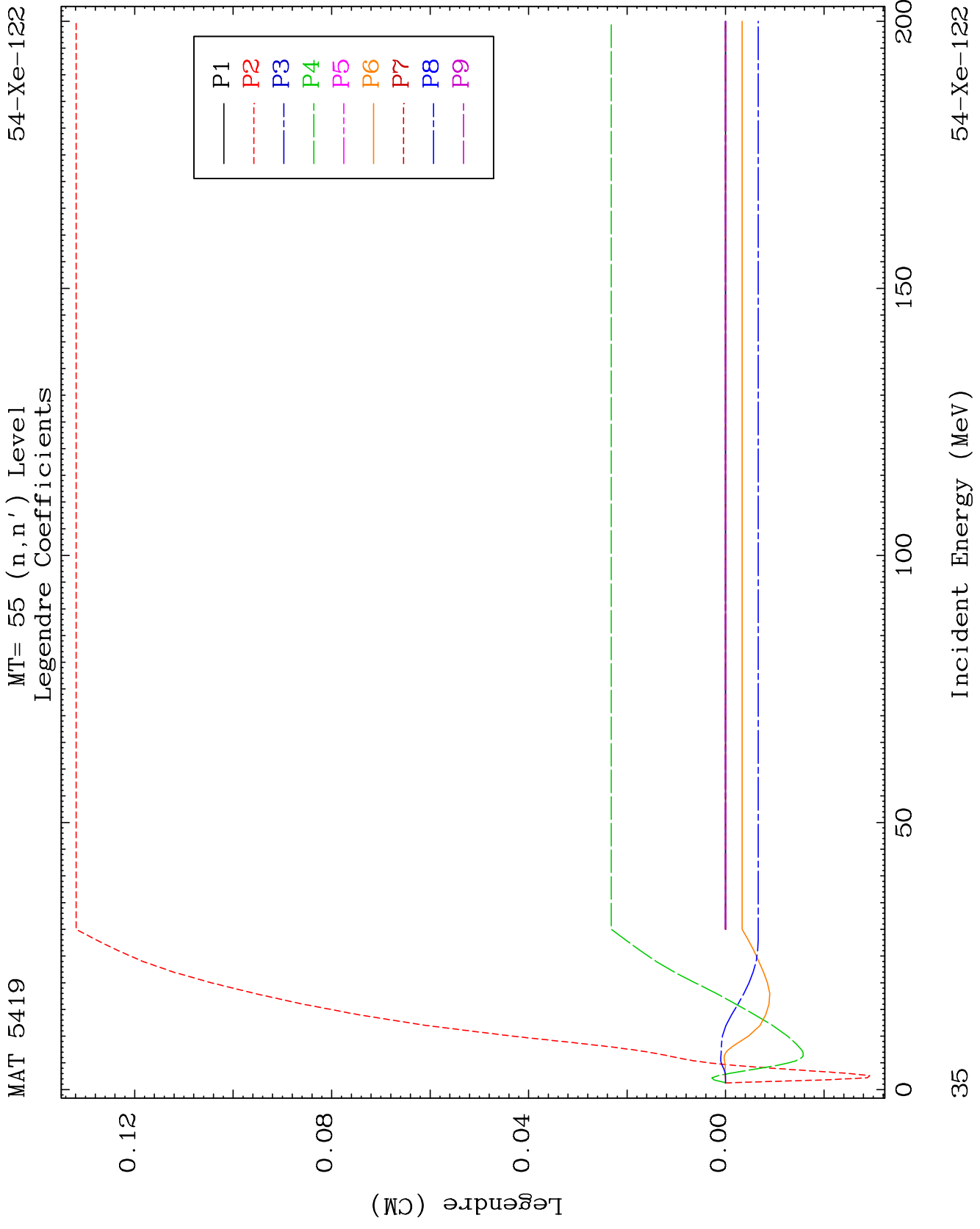
54-Xe-122



34

Incident Energy (MeV)

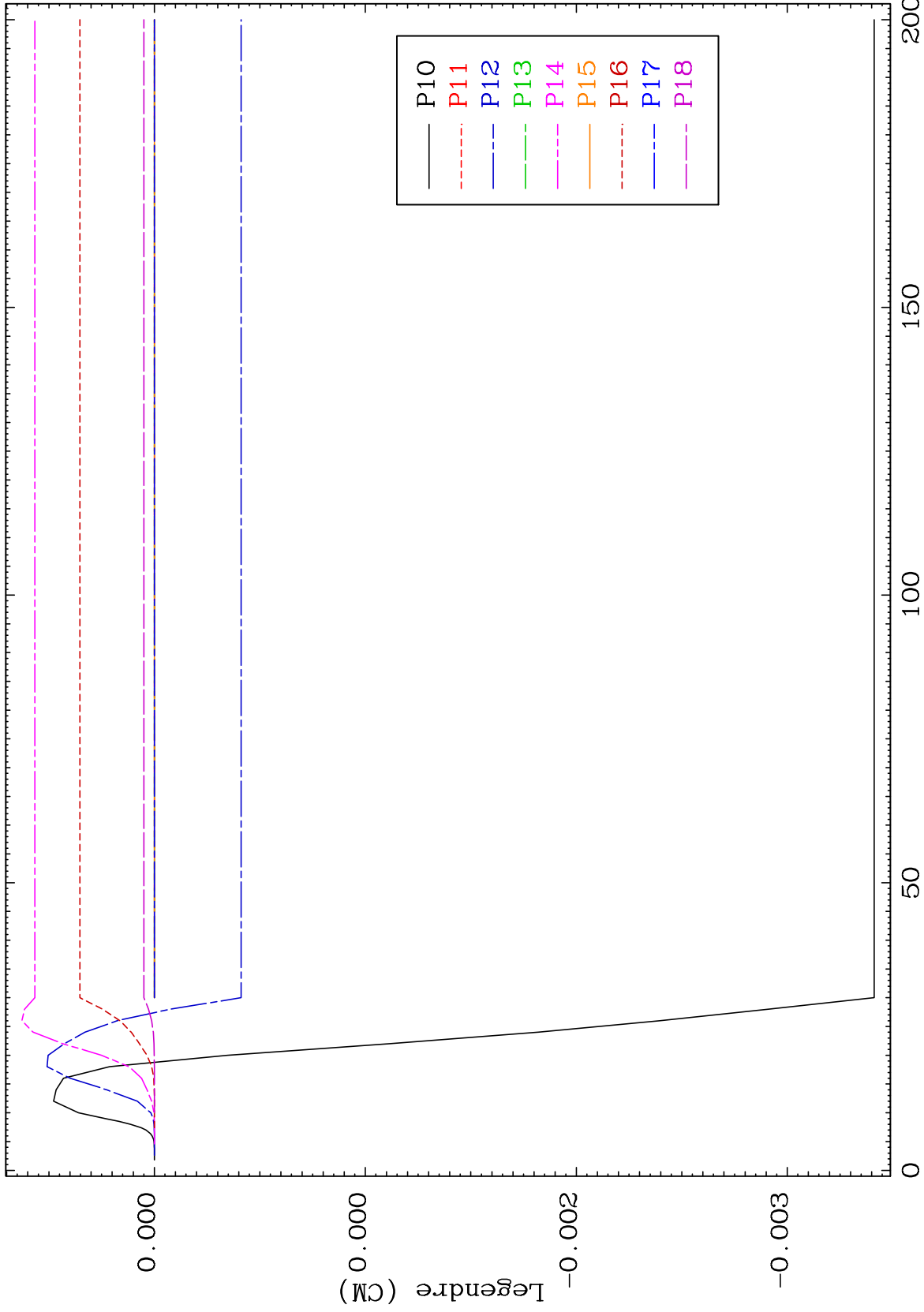
54-Xe-122



MAT 5419

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

54-Xe-122



36

Incident Energy (MeV)

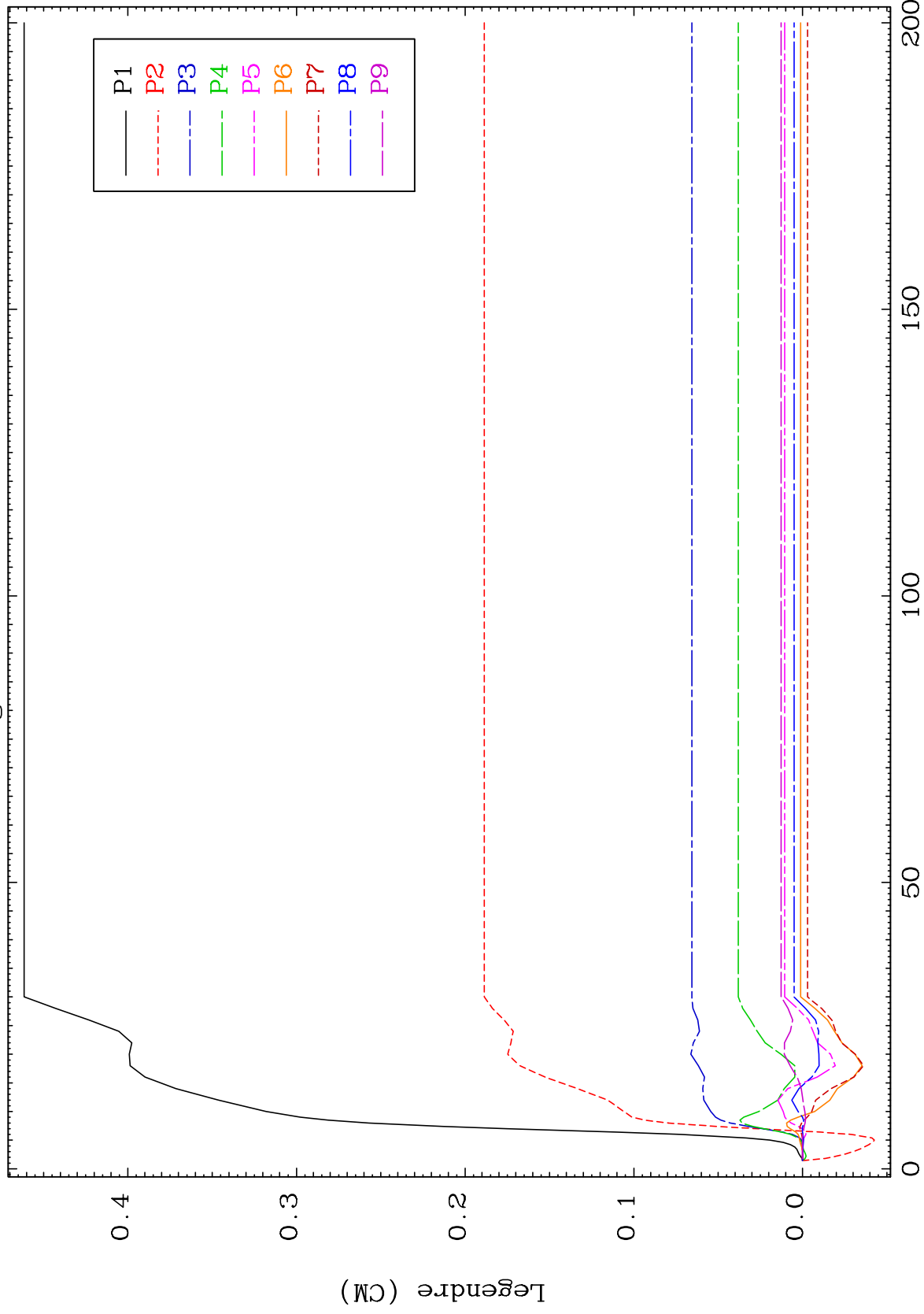
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

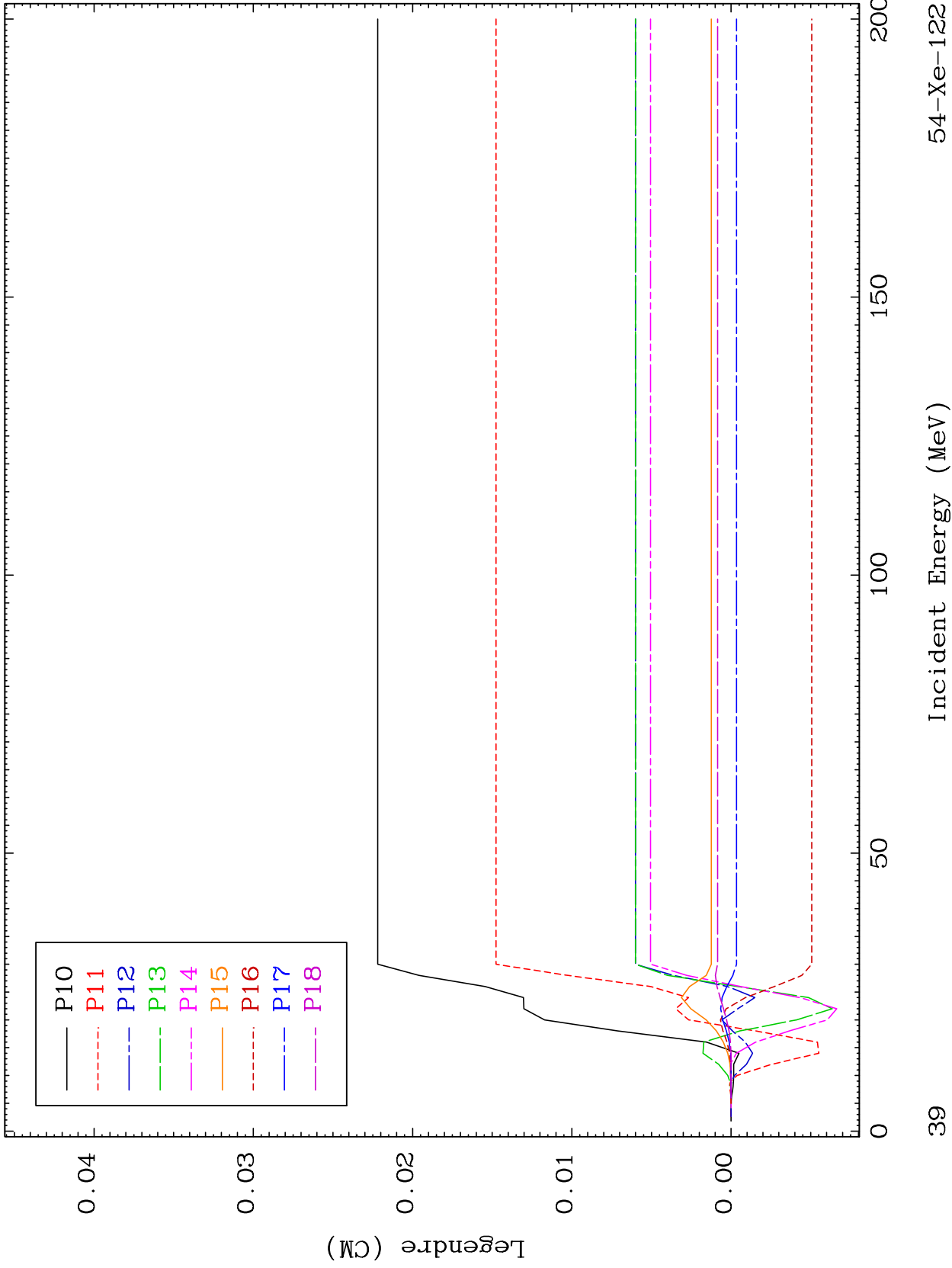
Incident Energy (MeV)

38

MAT 5419

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

54-Xe-122



39

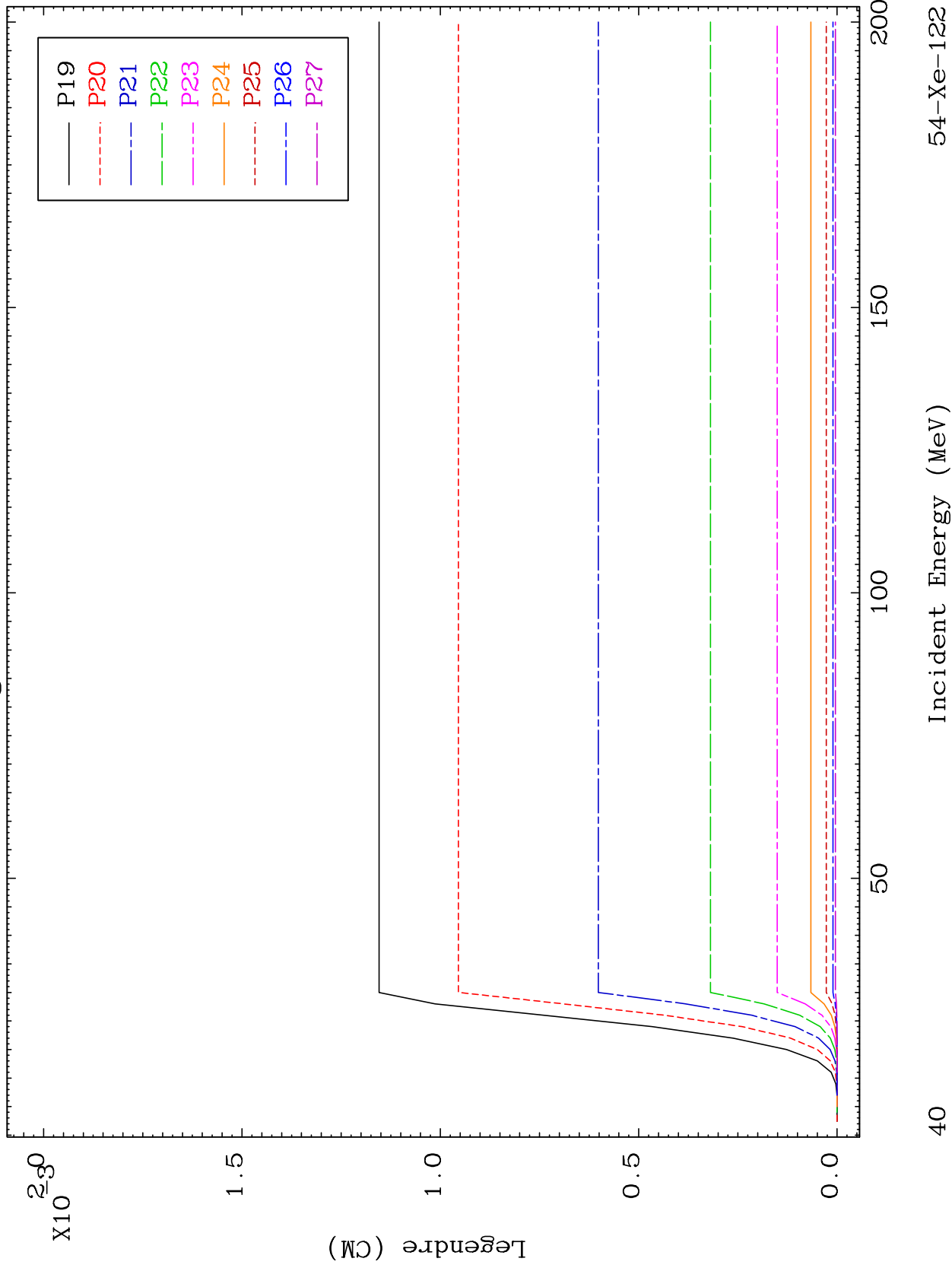
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

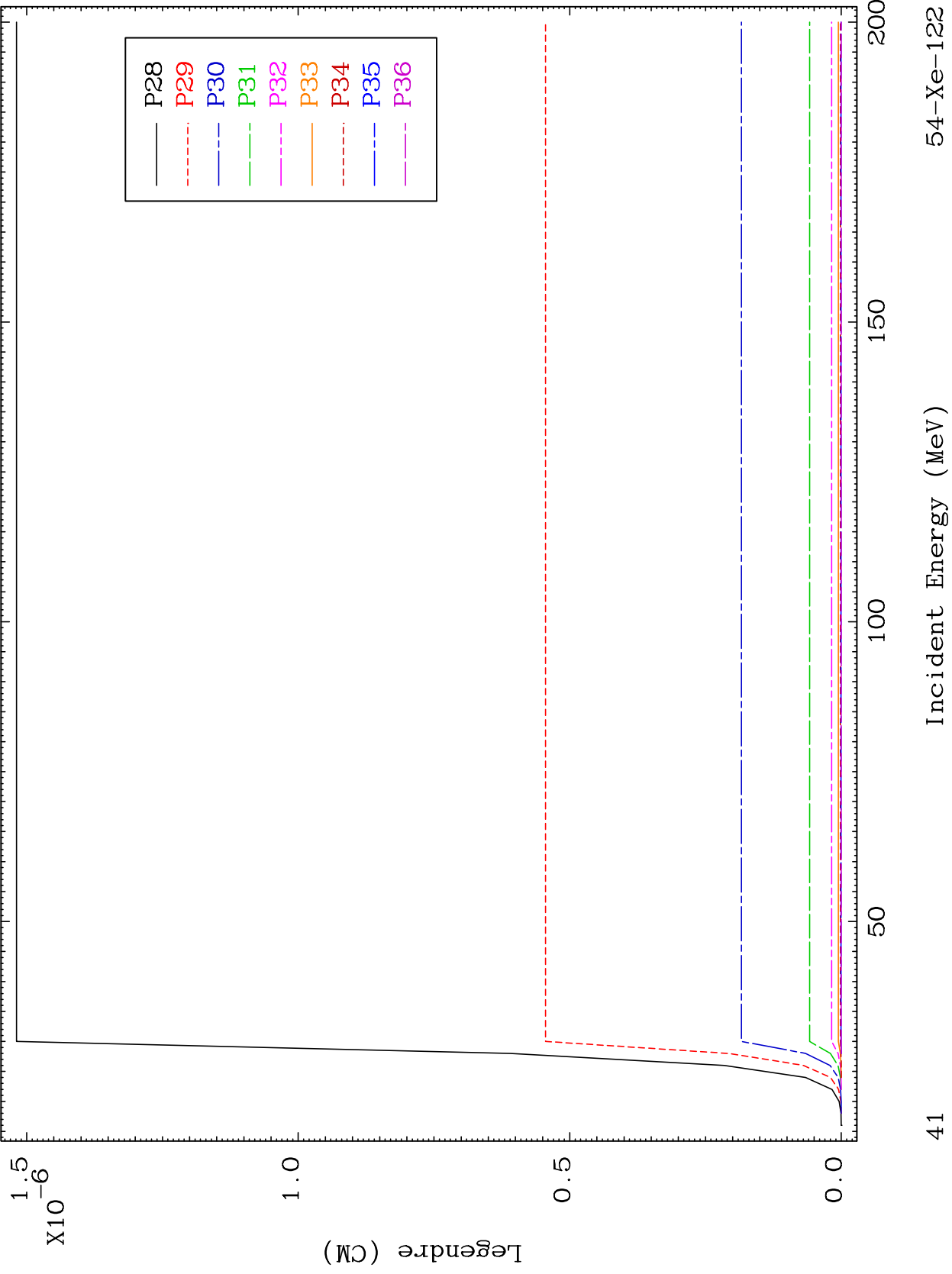
54-Xe-122



MAT 5419

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

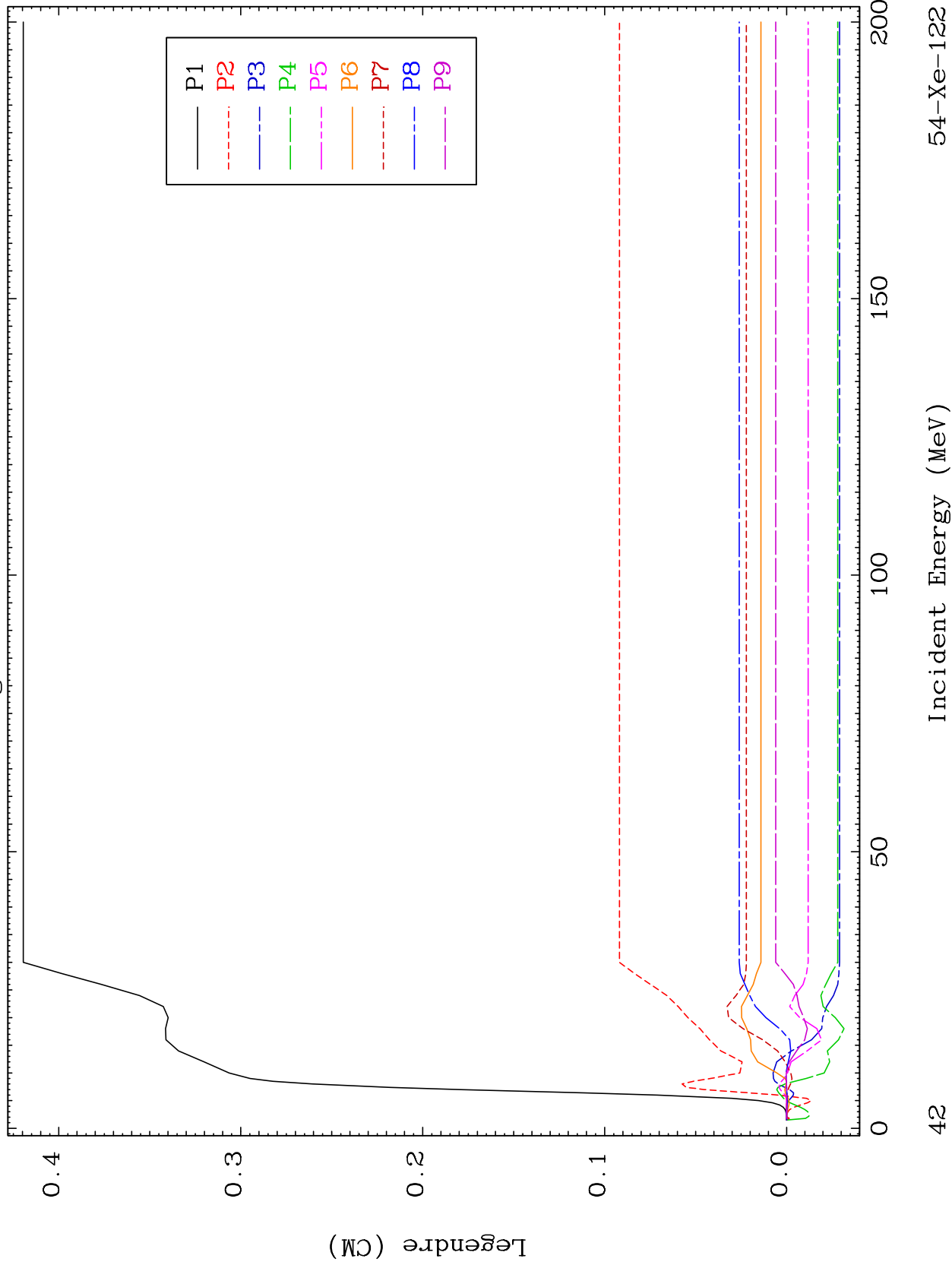
54-Xe-122



MAT 5419

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

54-Xe-122



42

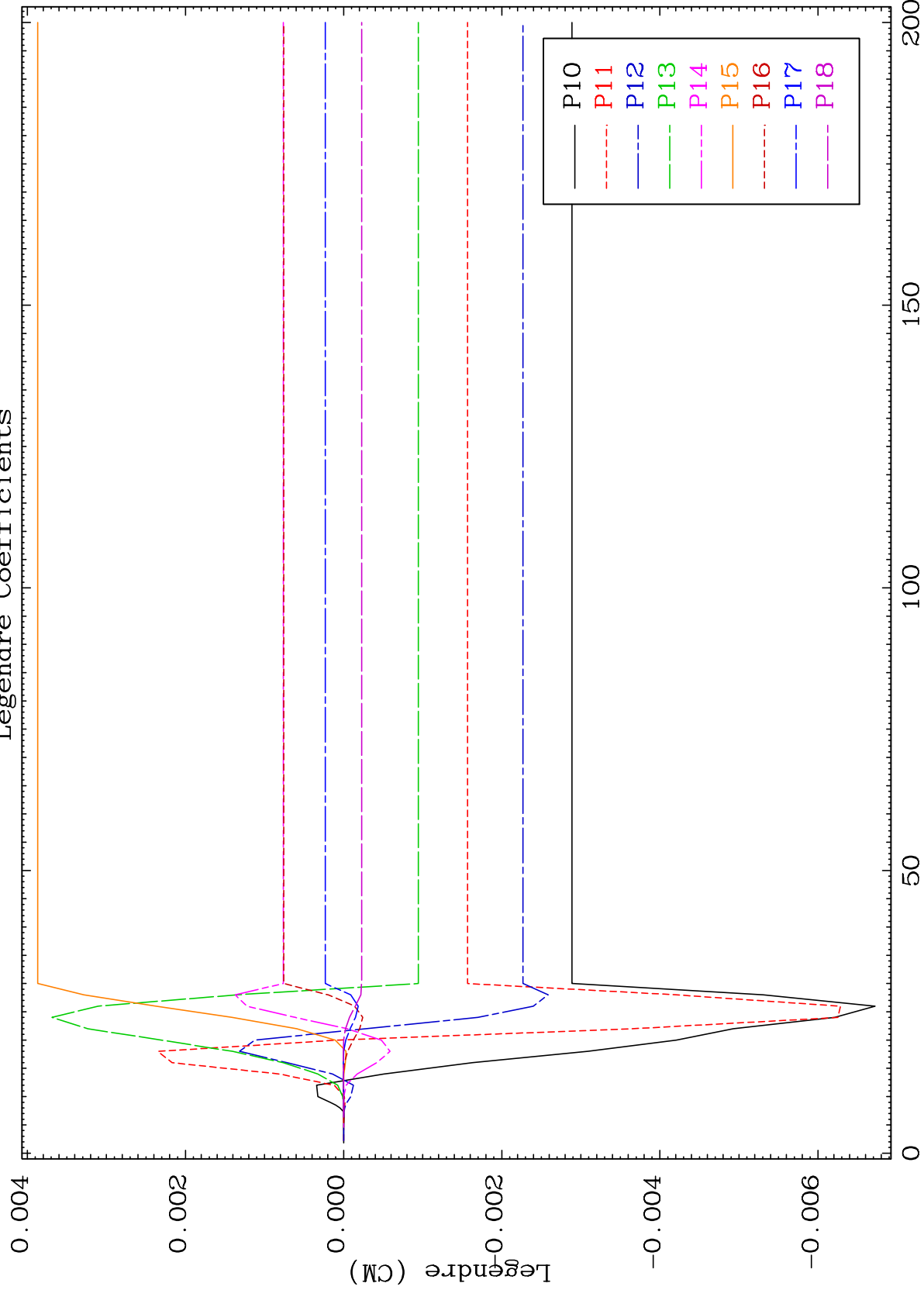
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



43

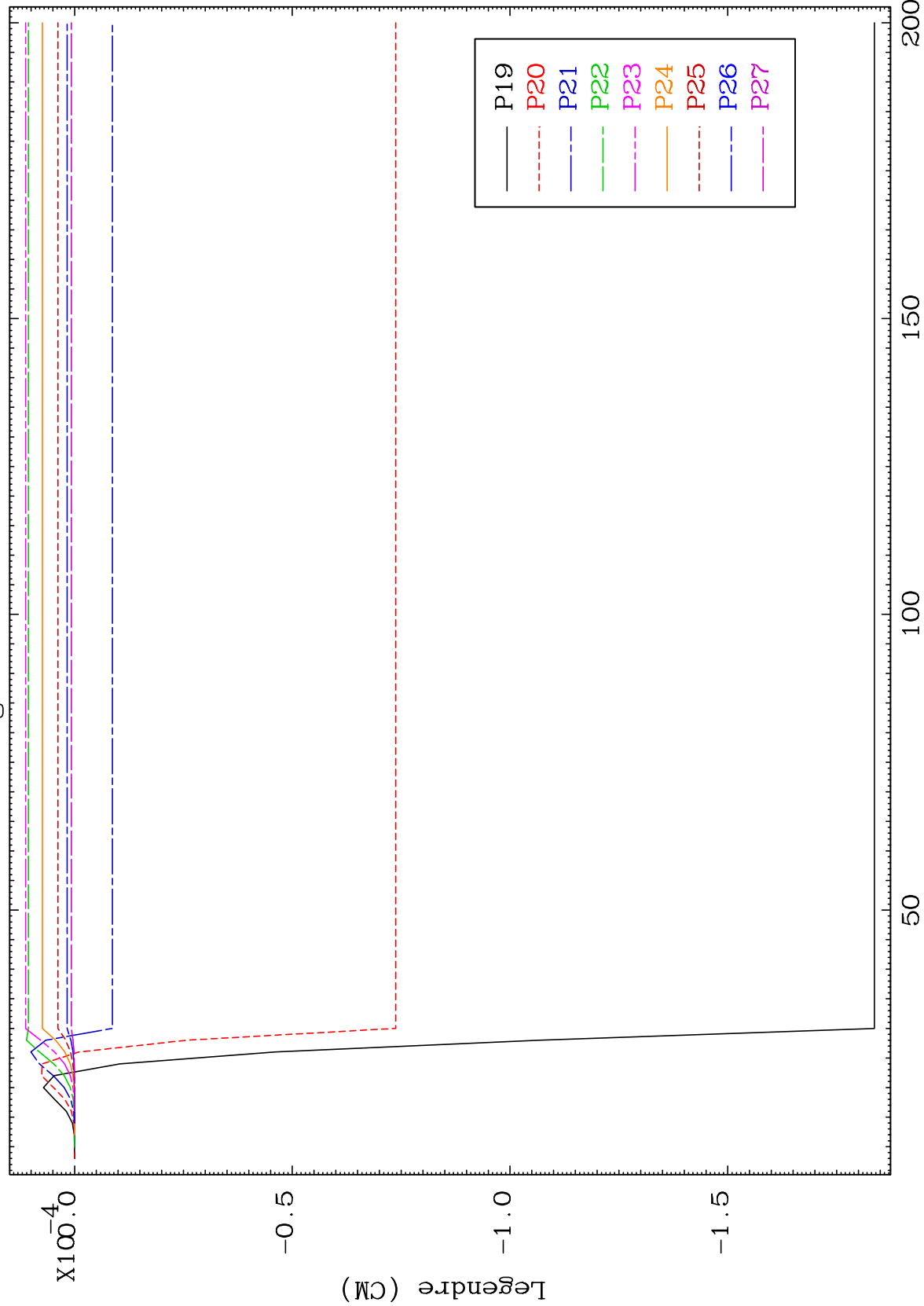
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

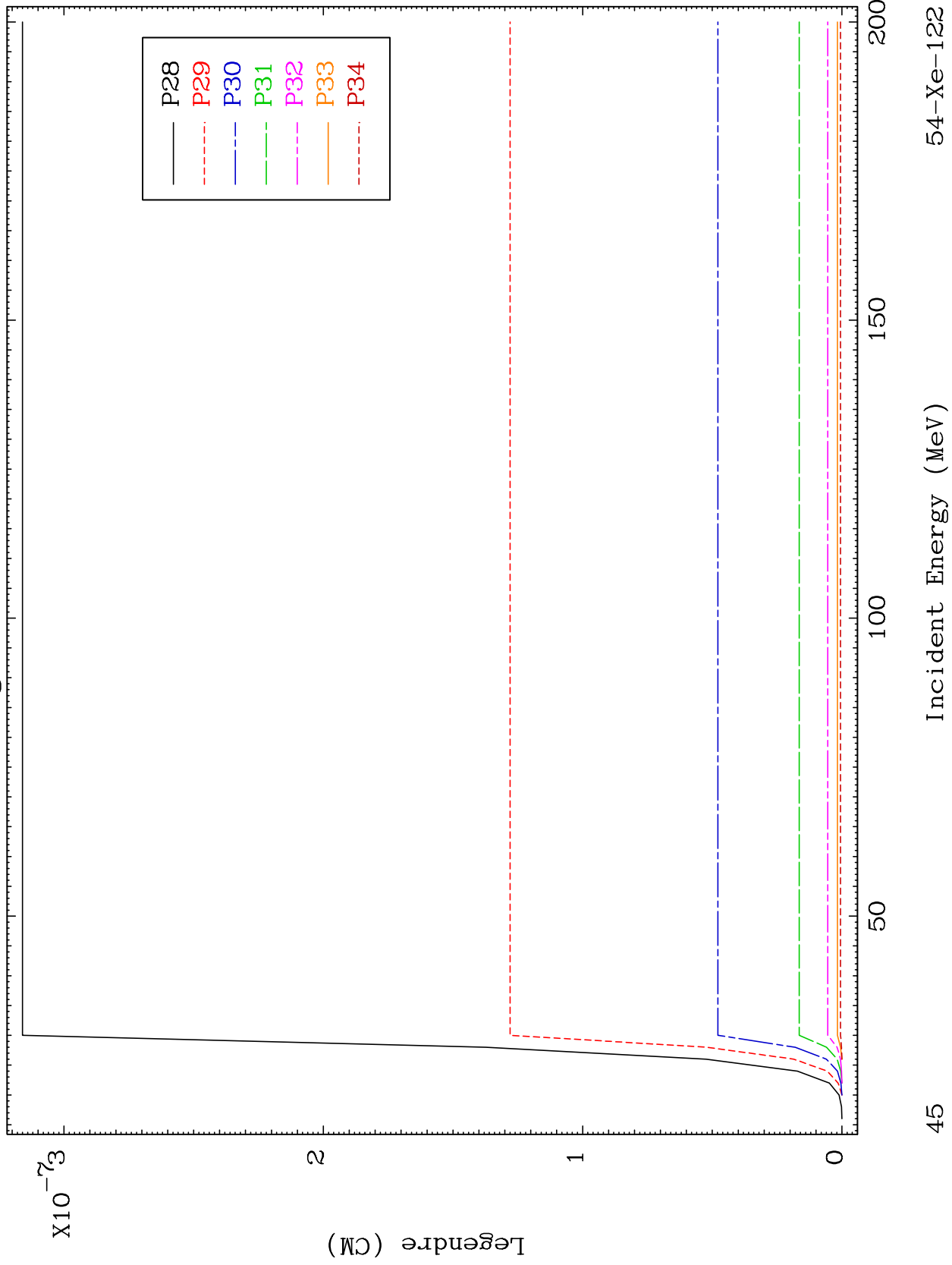
Incident Energy (MeV)

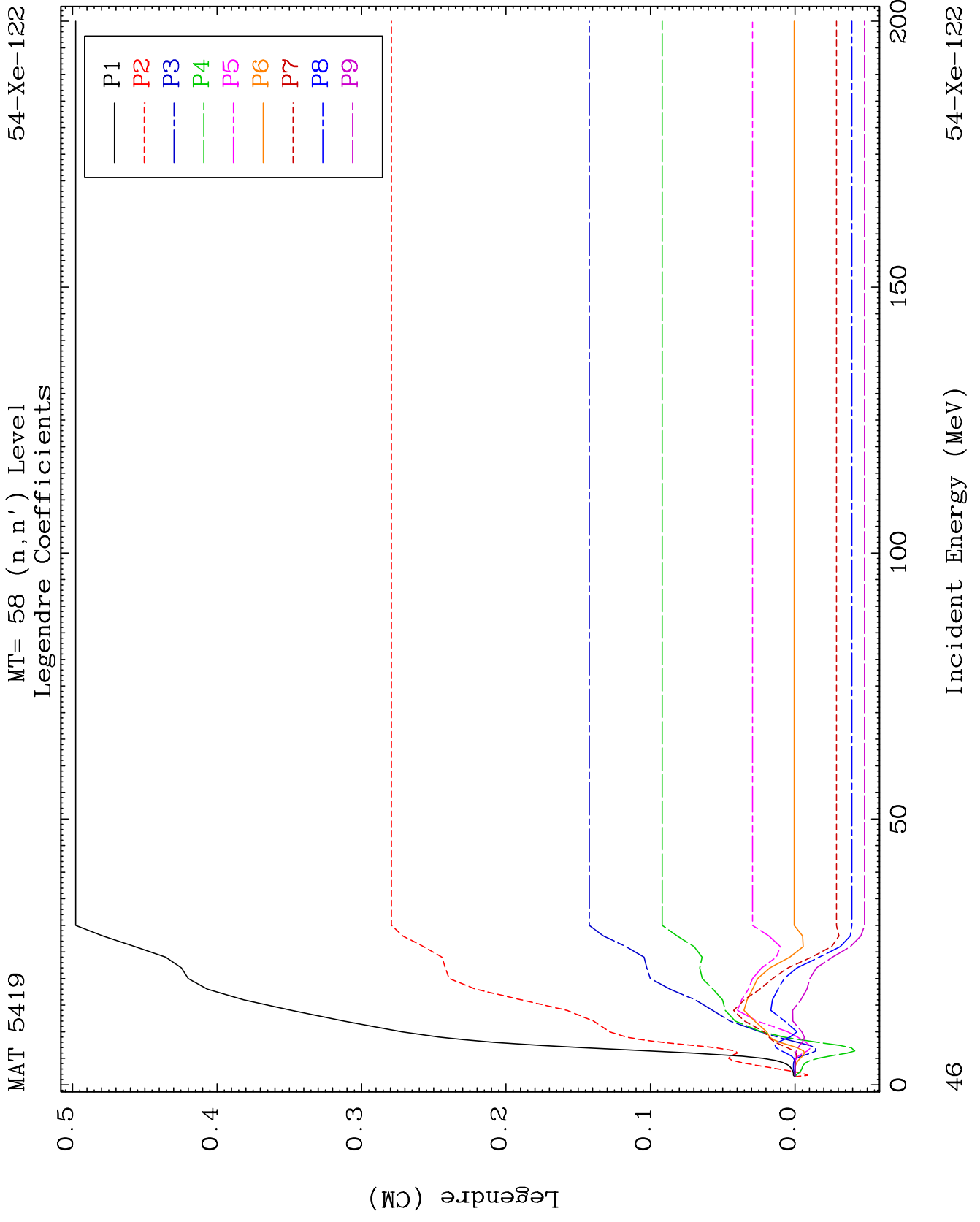
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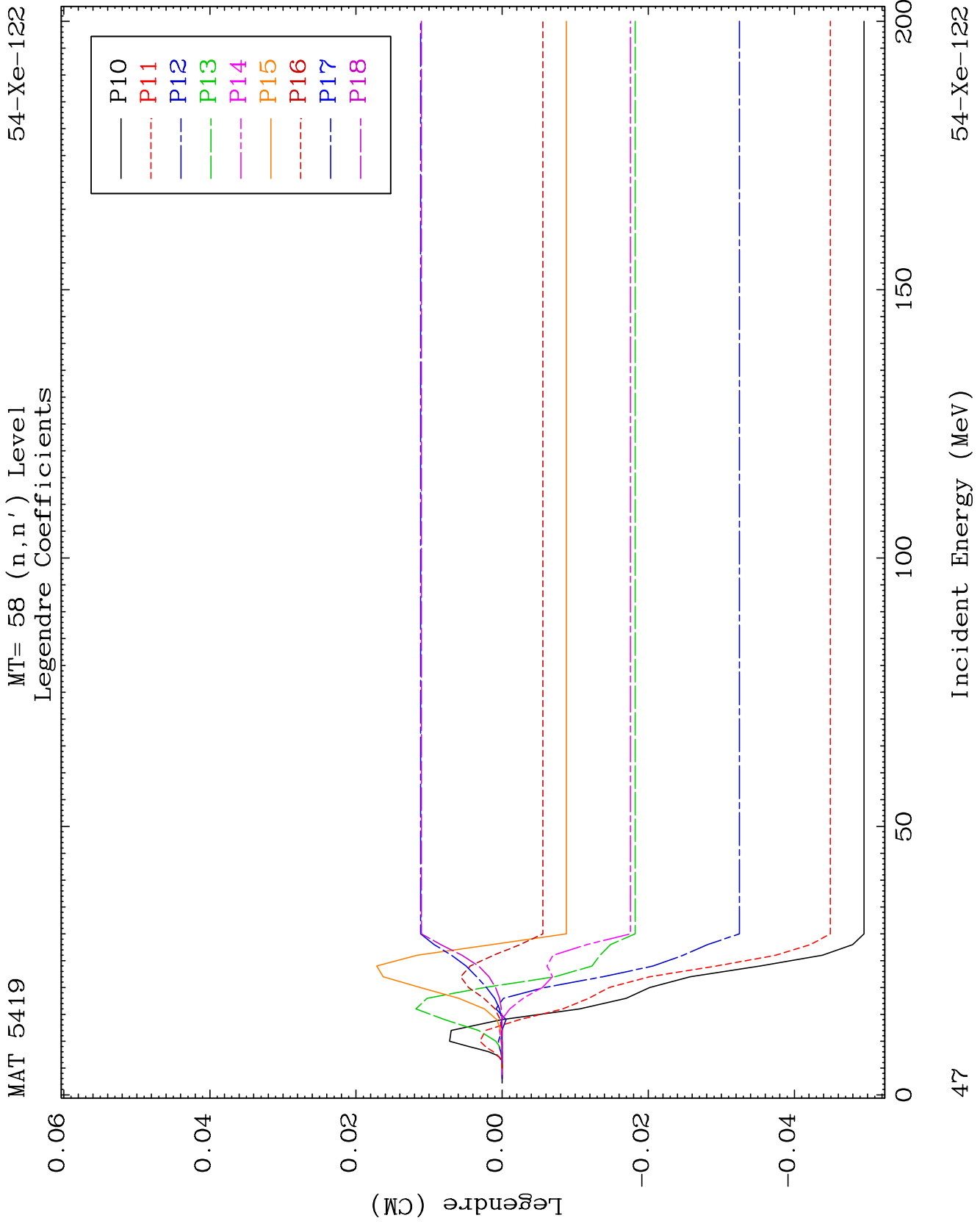
MAT 5419

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

54-Xe-122



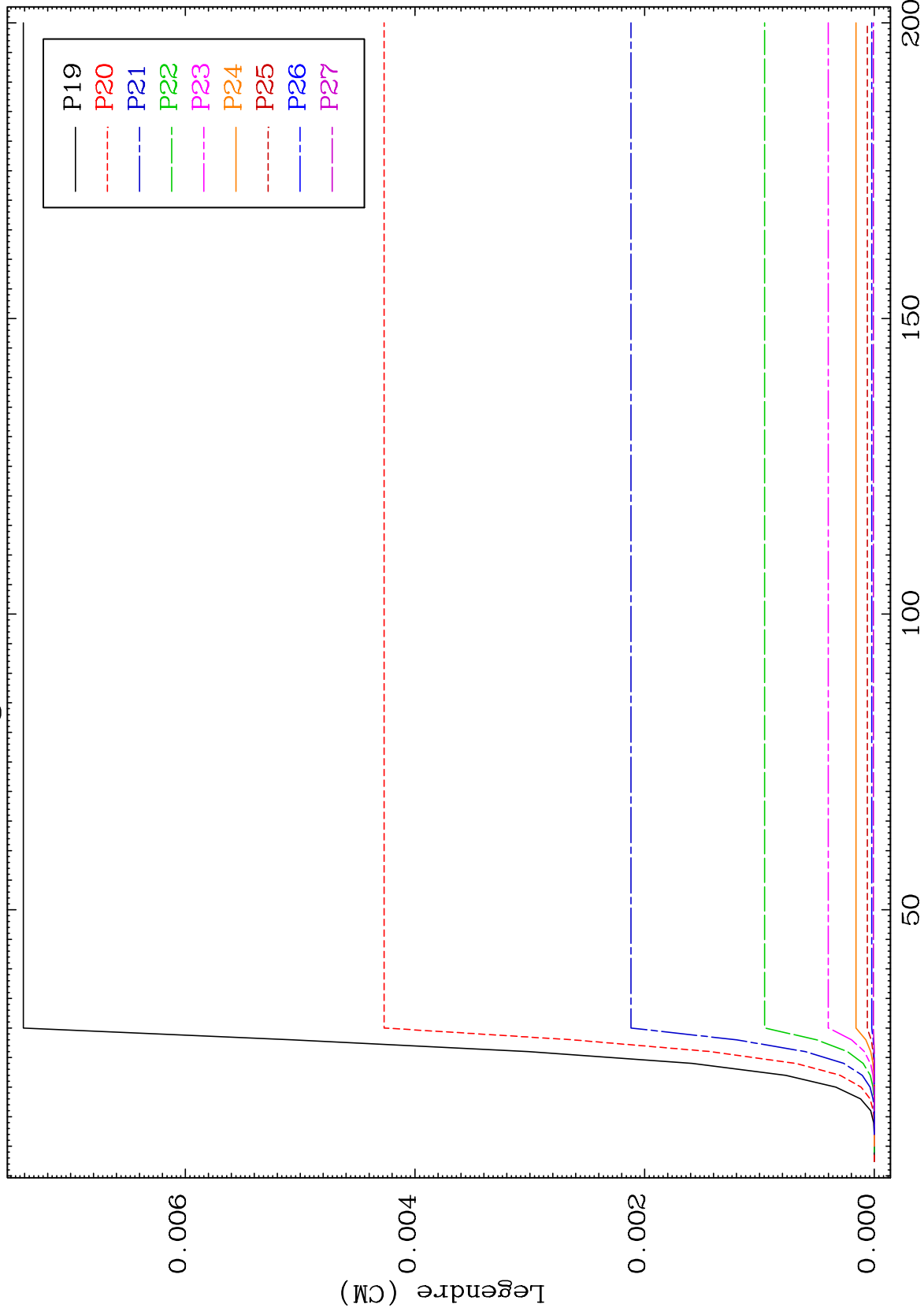




MAT 5419

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

54-Xe-122



48

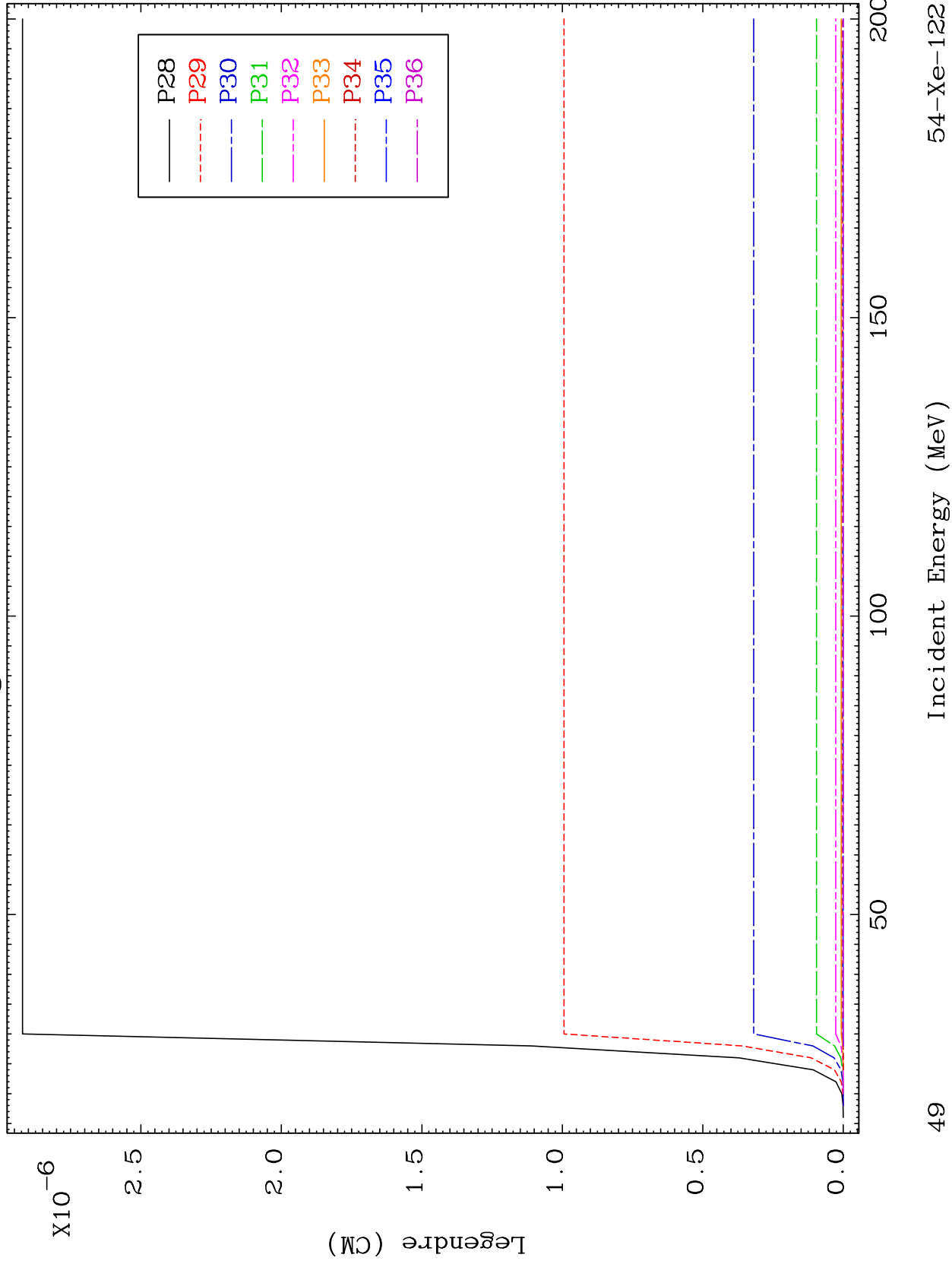
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

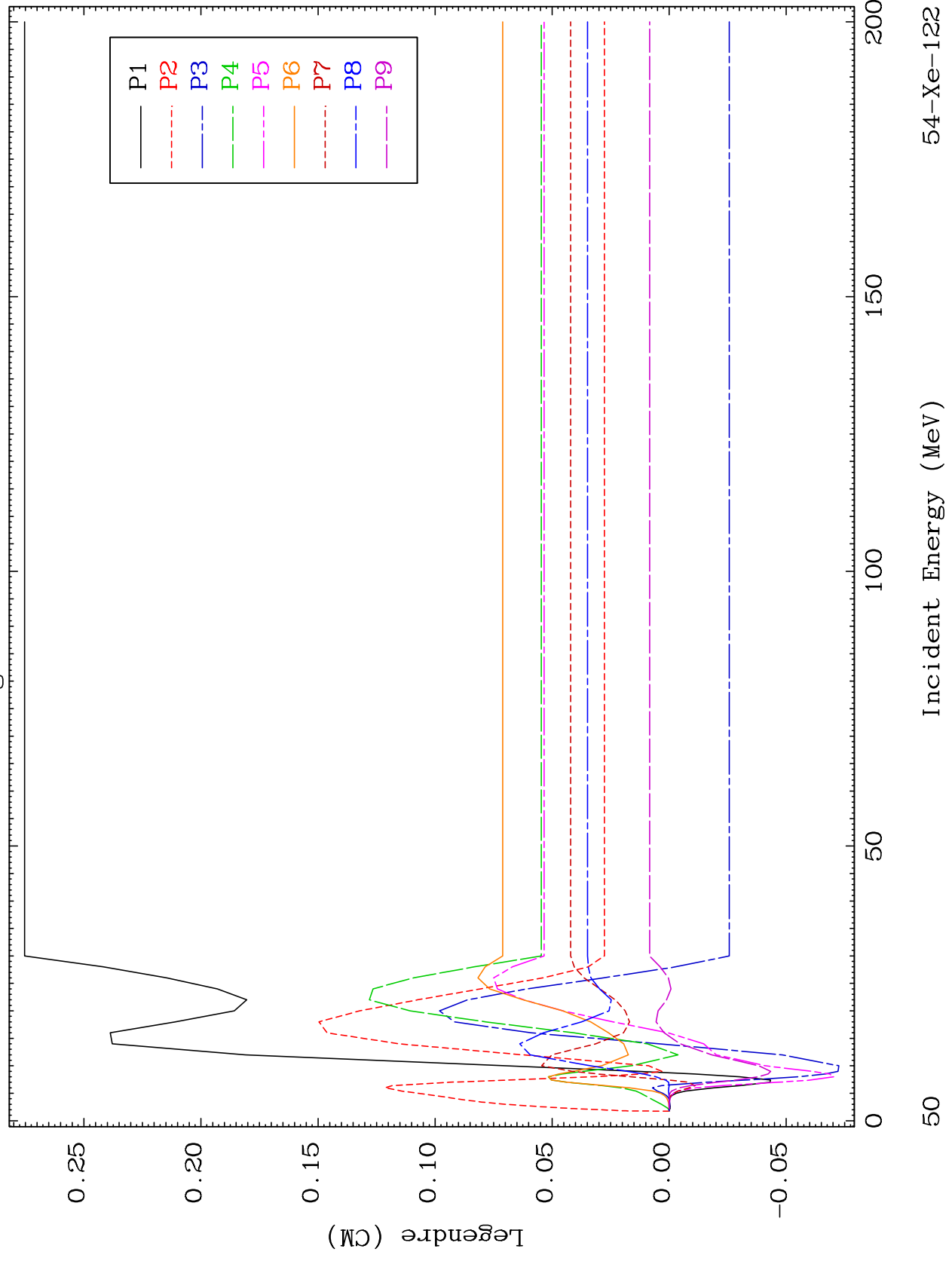


49

MAT 5419

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

54-Xe-122



54-Xe-122

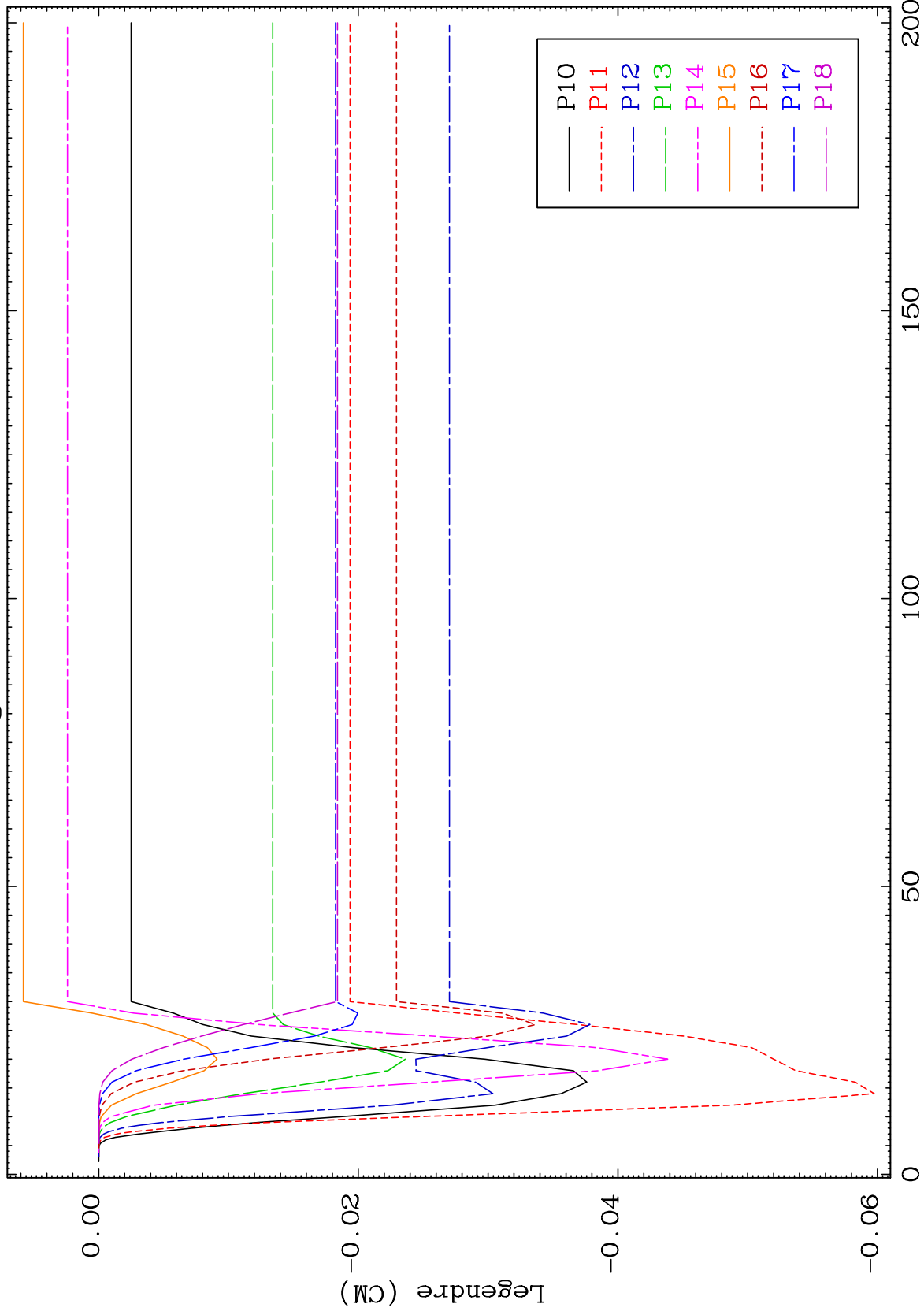
Incident Energy (MeV)

MAT 5419

MT= 59 (n,n') Level

54-Xe-122

Legendre Coefficients



51

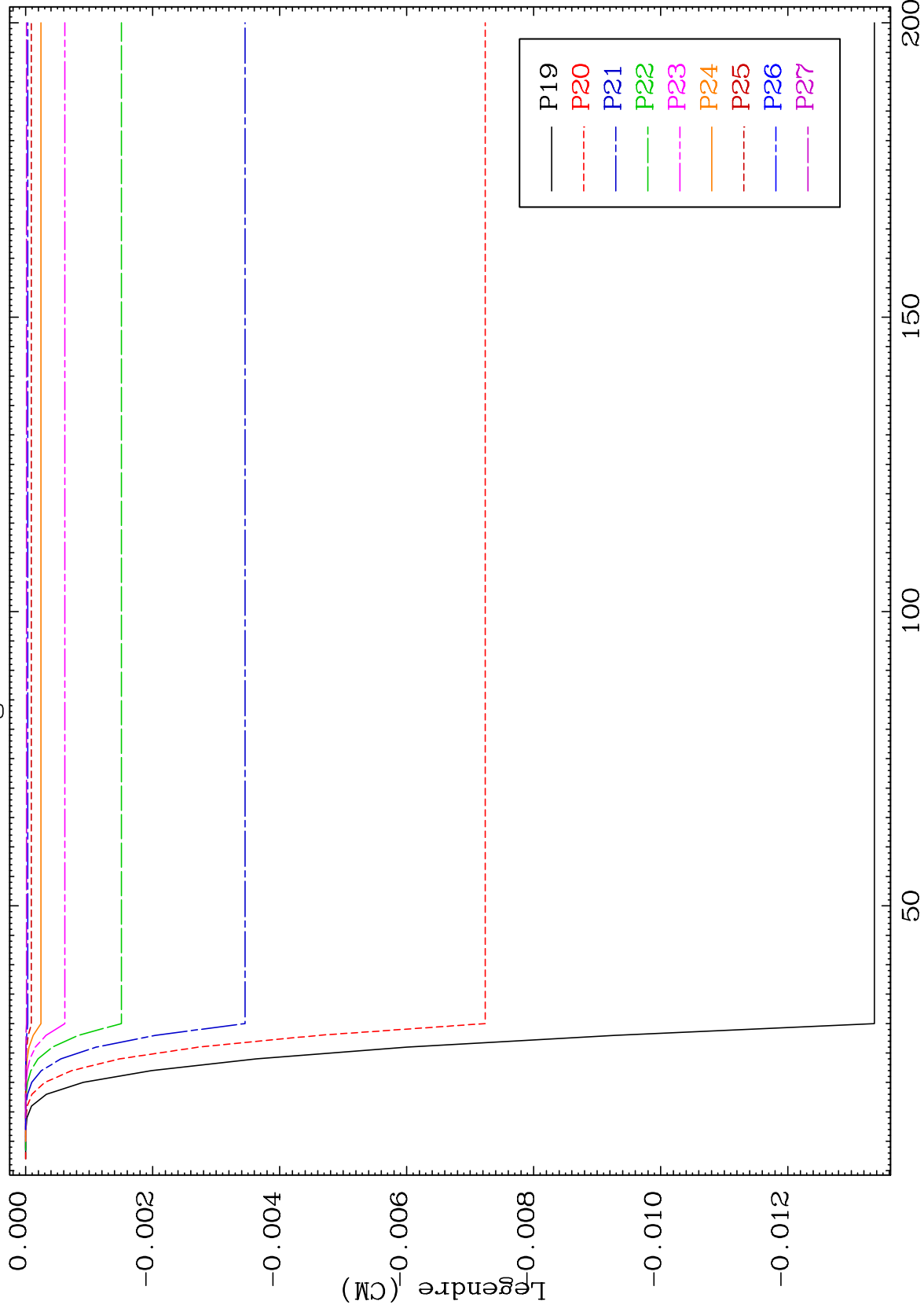
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

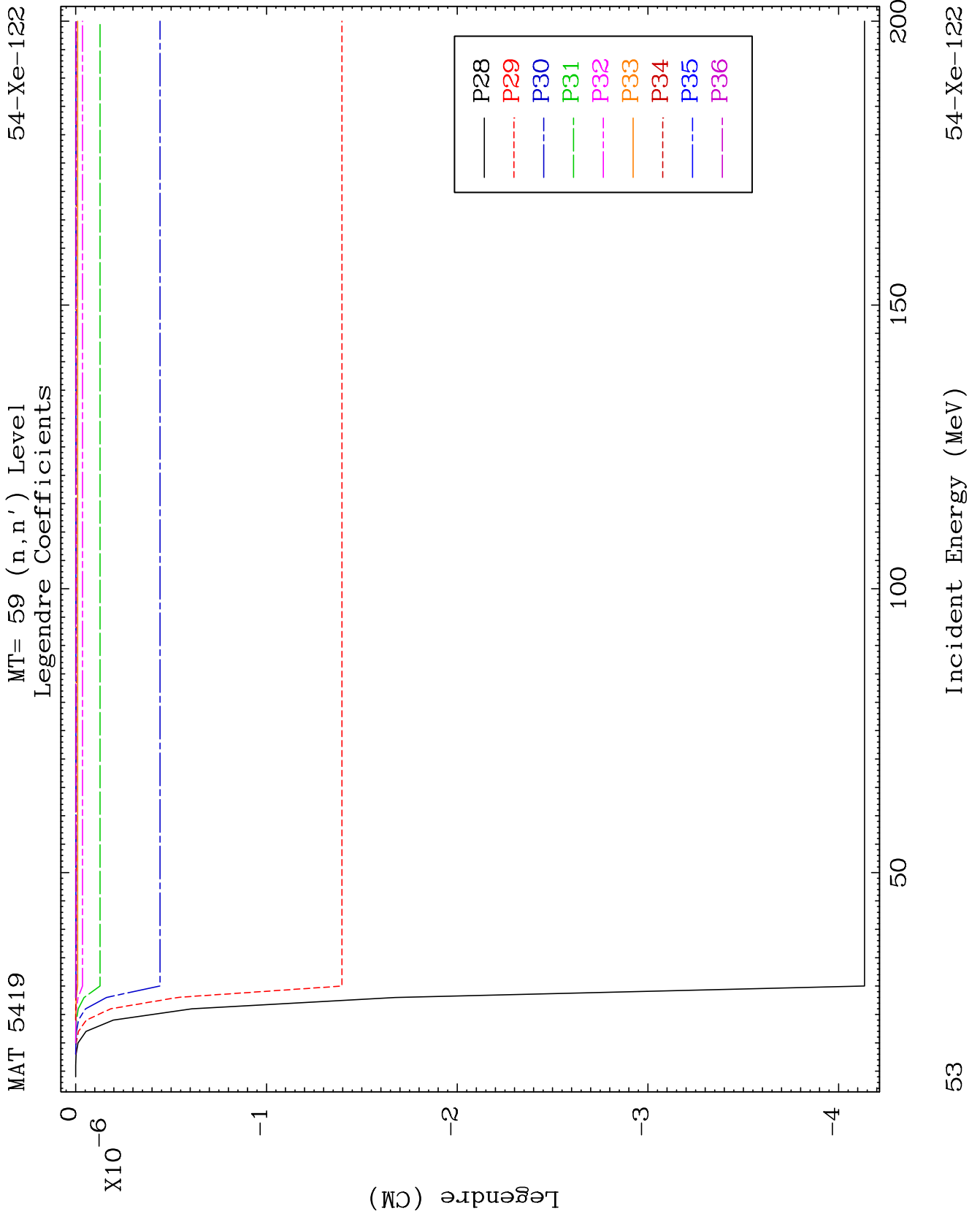
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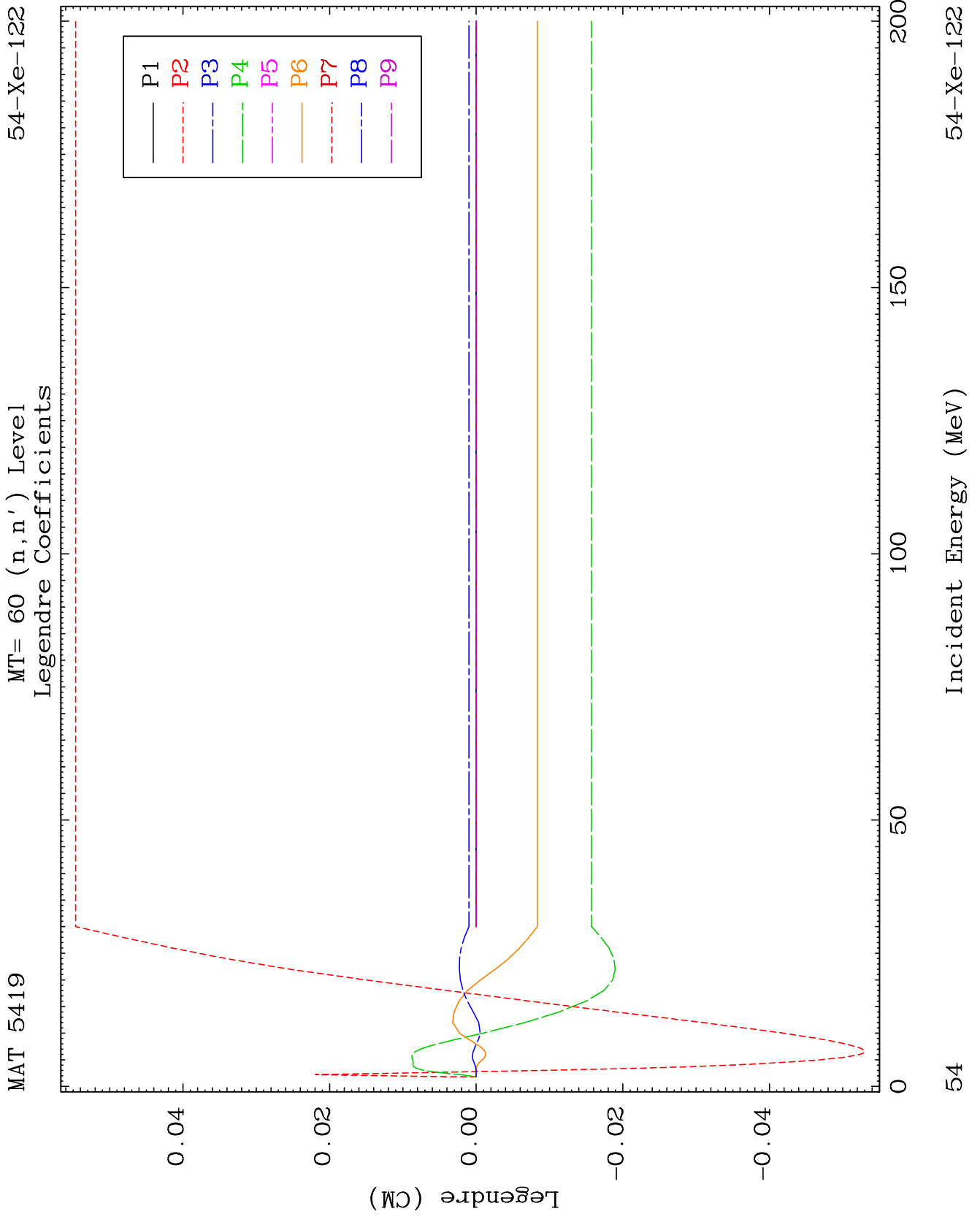


52

Incident Energy (MeV)

54-Xe-122

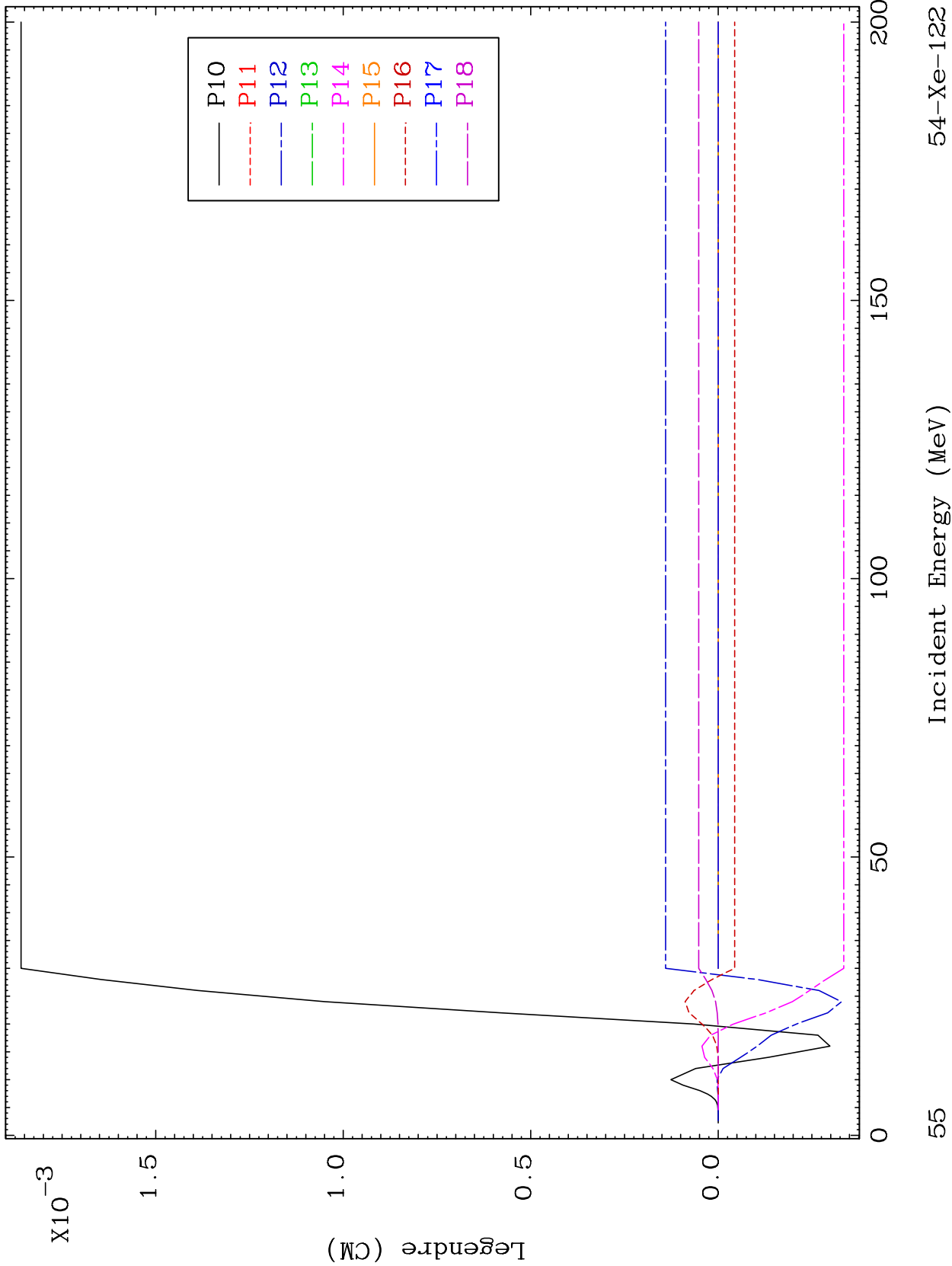




MAT 5419

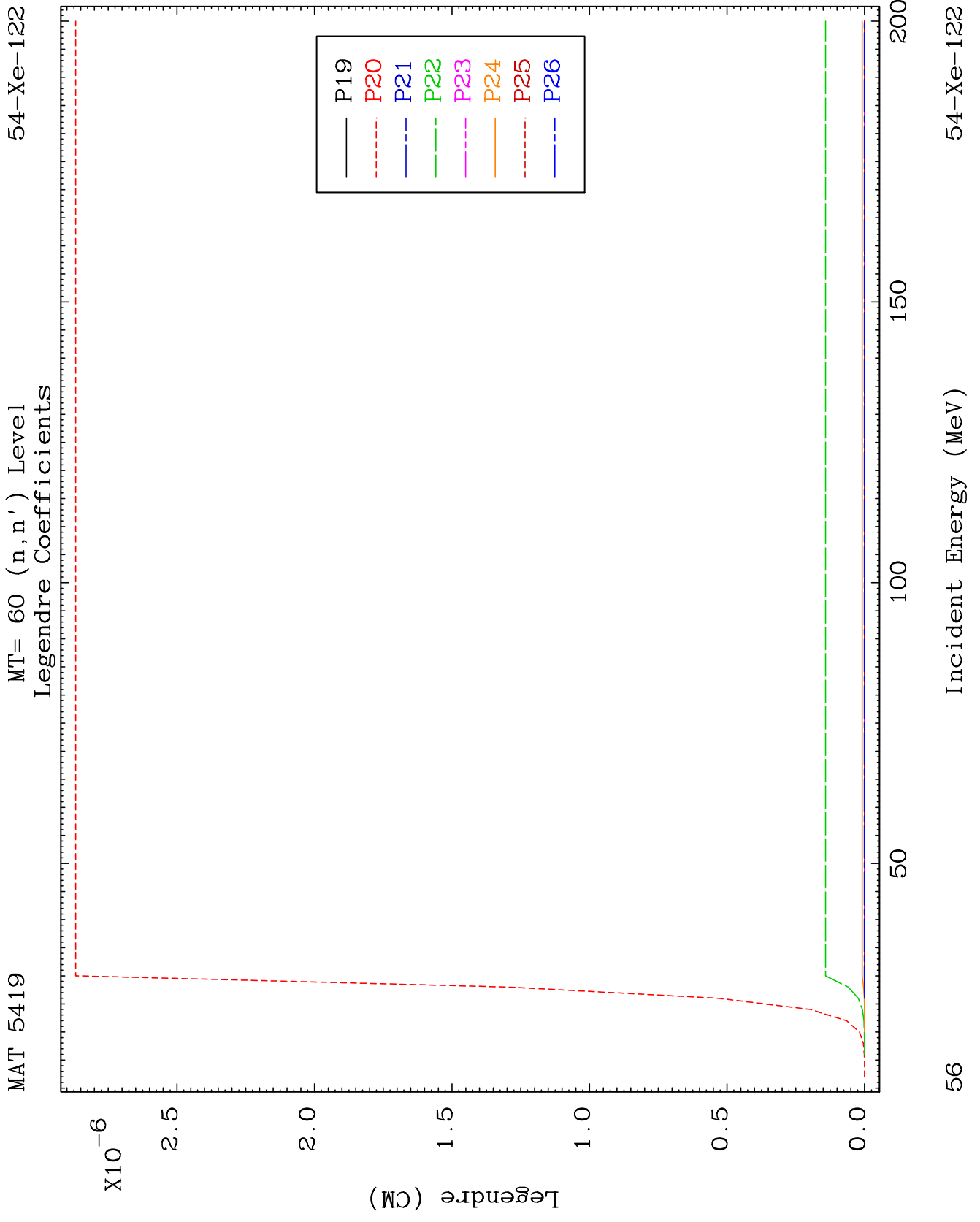
MT= 60 (n,n') Level  
Legendre Coefficients

54-Xe-122



55

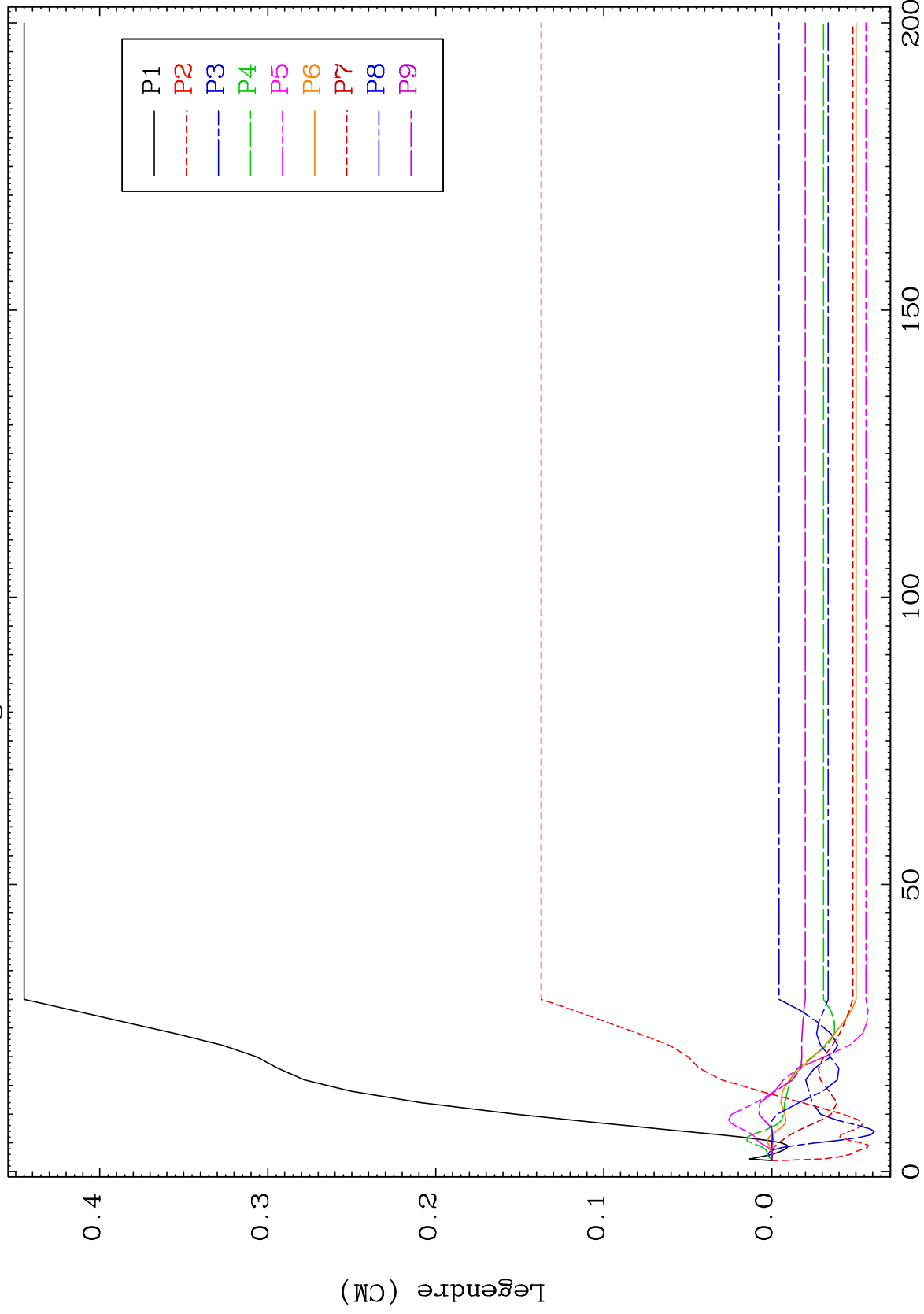
54-Xe-122



MAT 5419

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

54-Xe-122



57

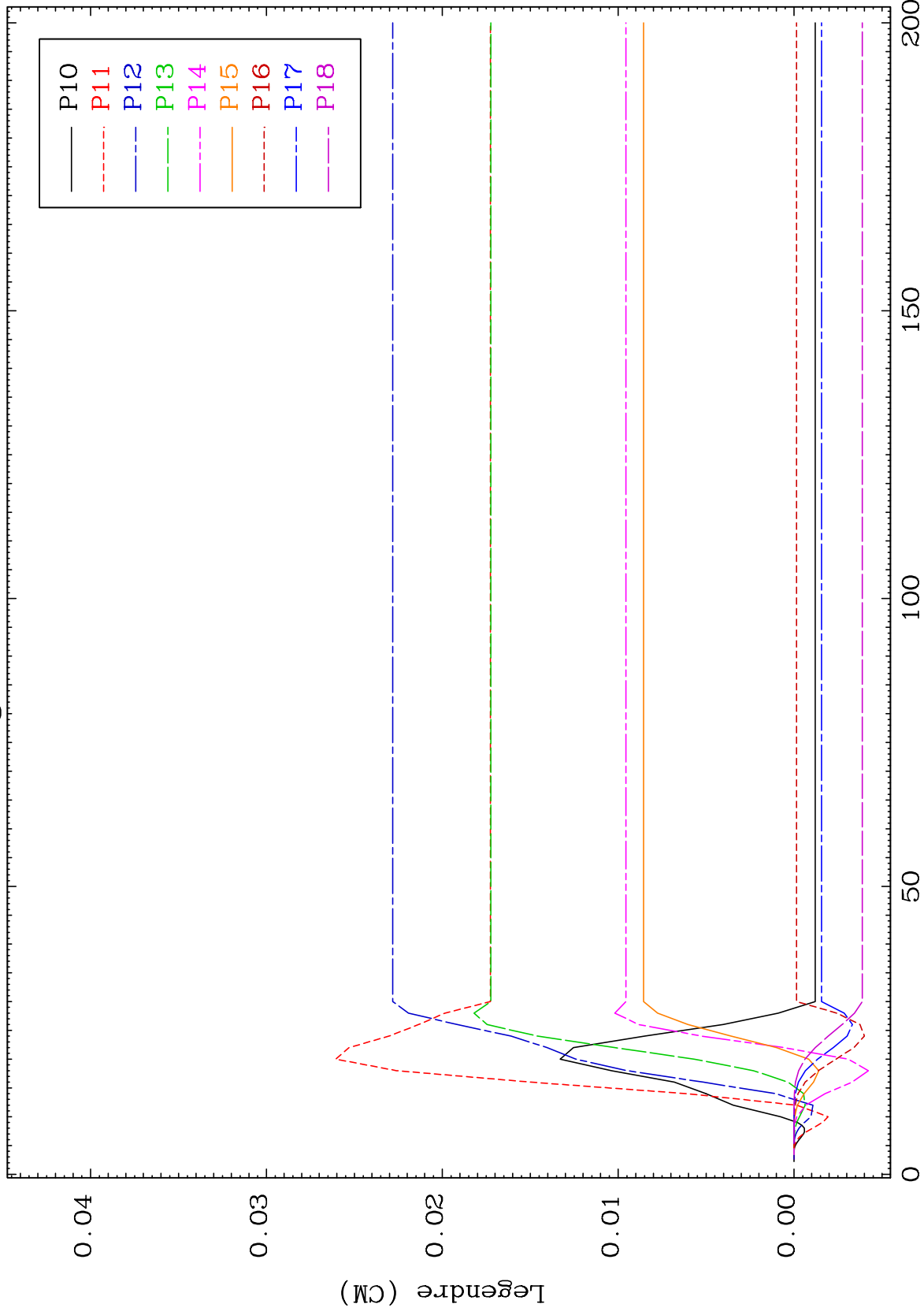
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



58

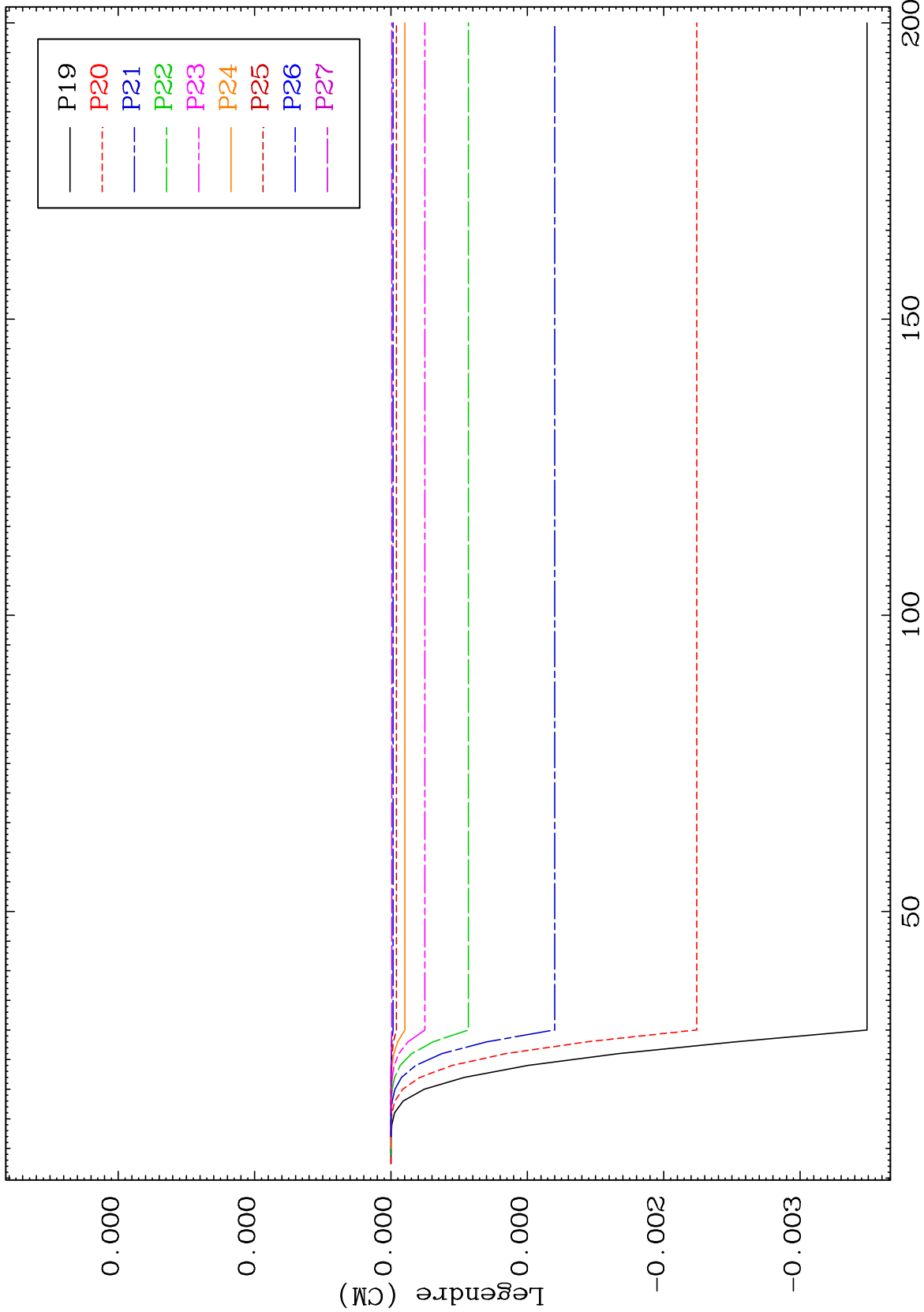
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

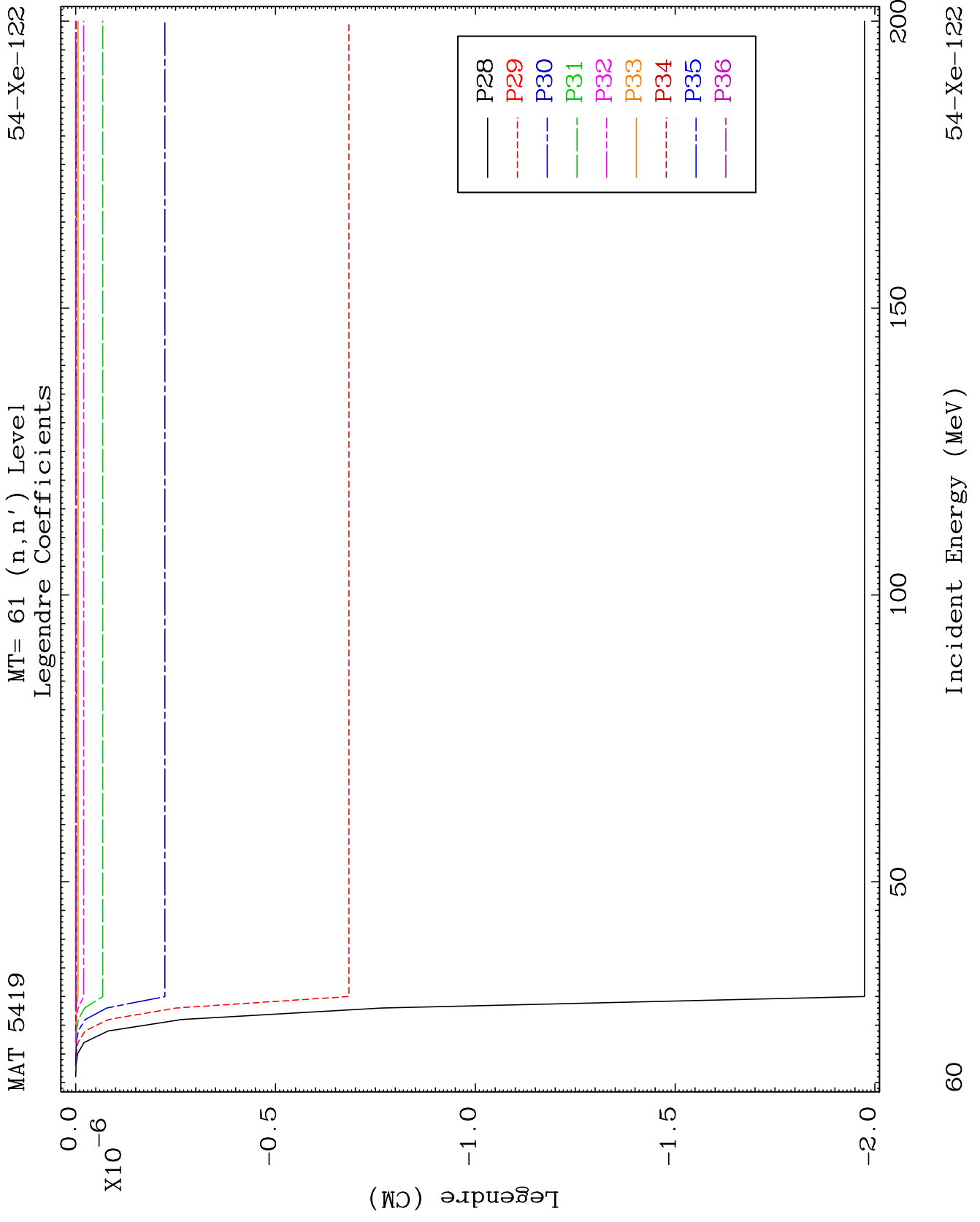
54-Xe-122



59

Incident Energy (MeV)

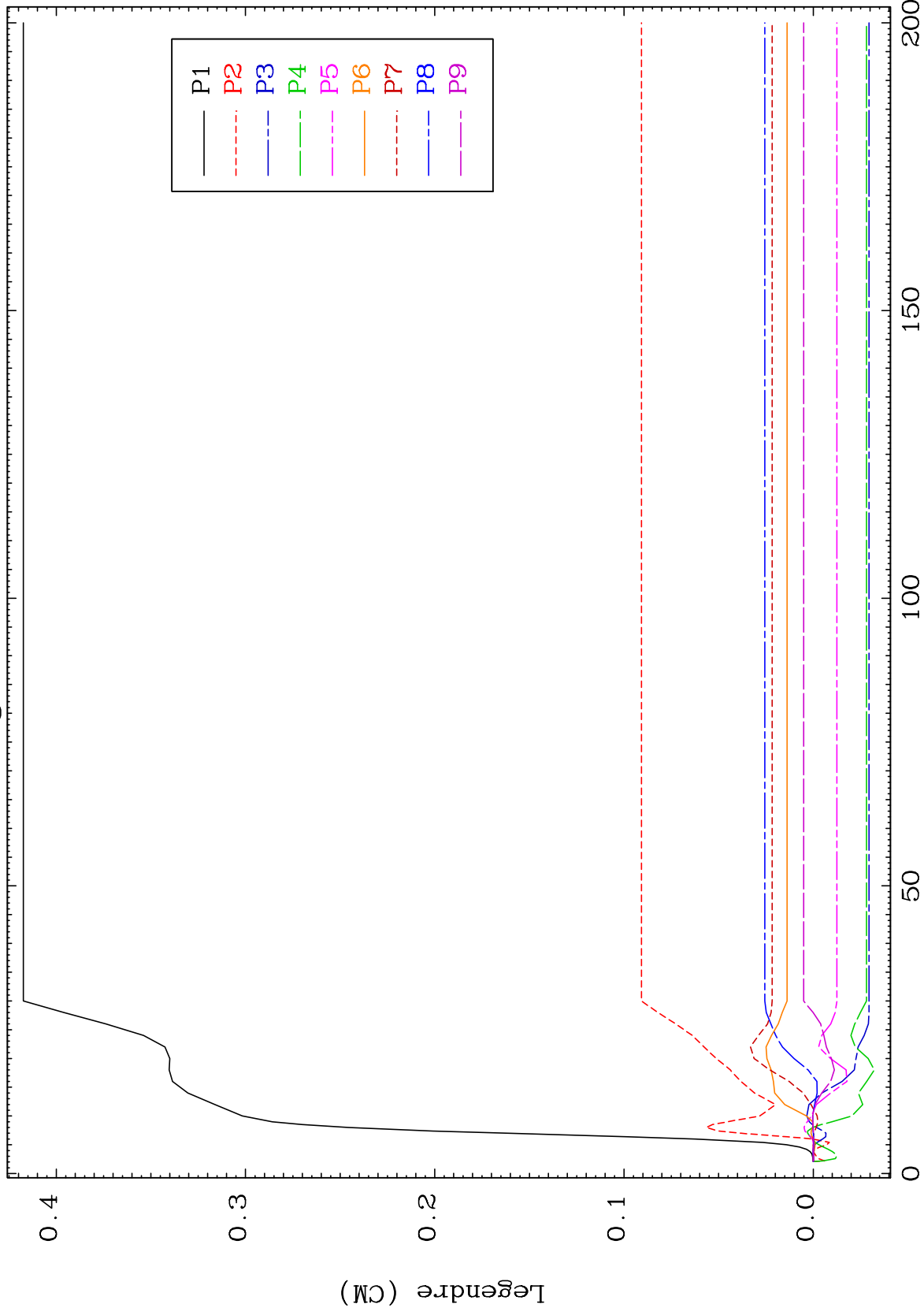
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

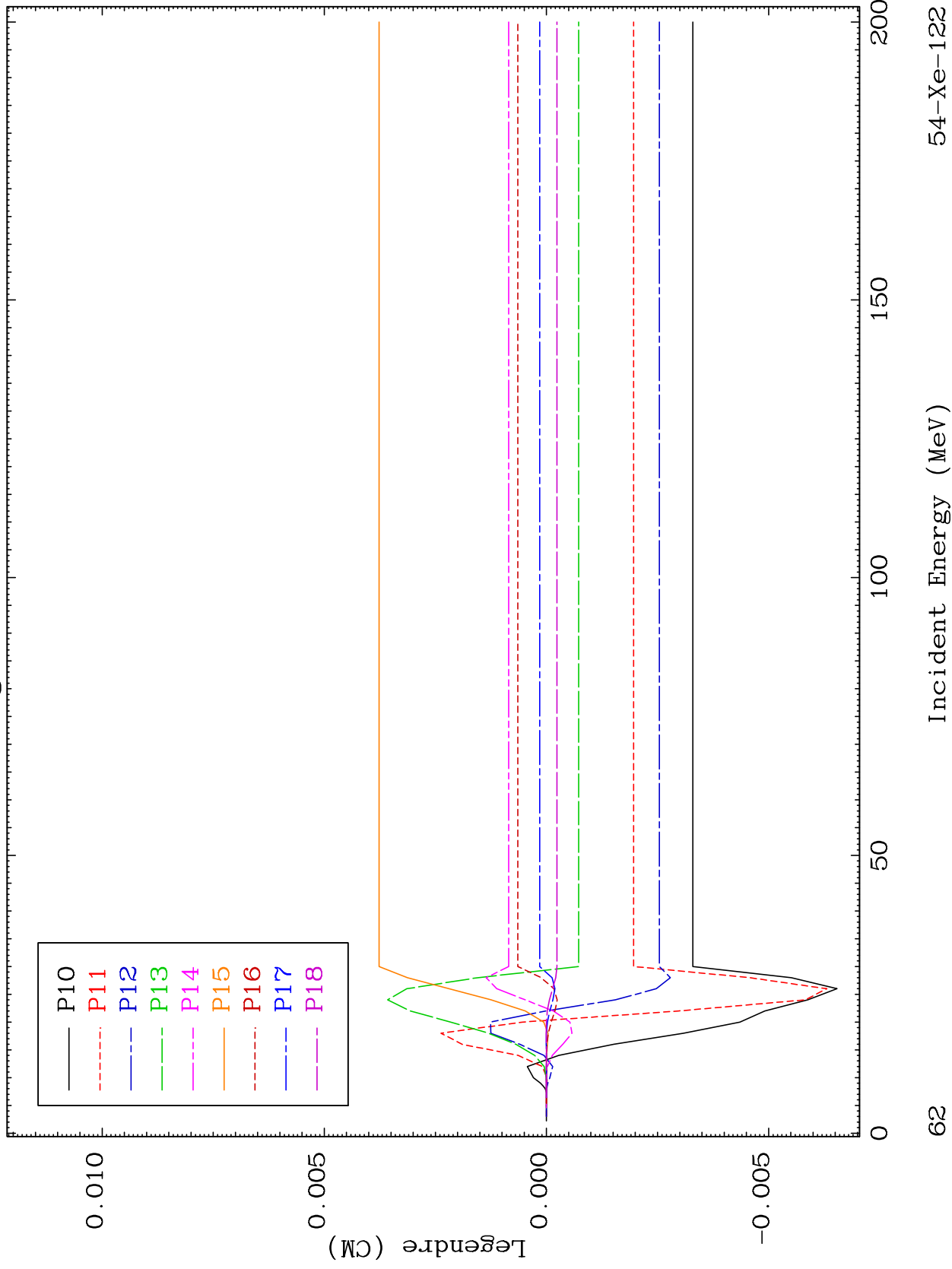
Incident Energy (MeV)

61

MAT 5419

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

54-Xe-122



54-Xe-122

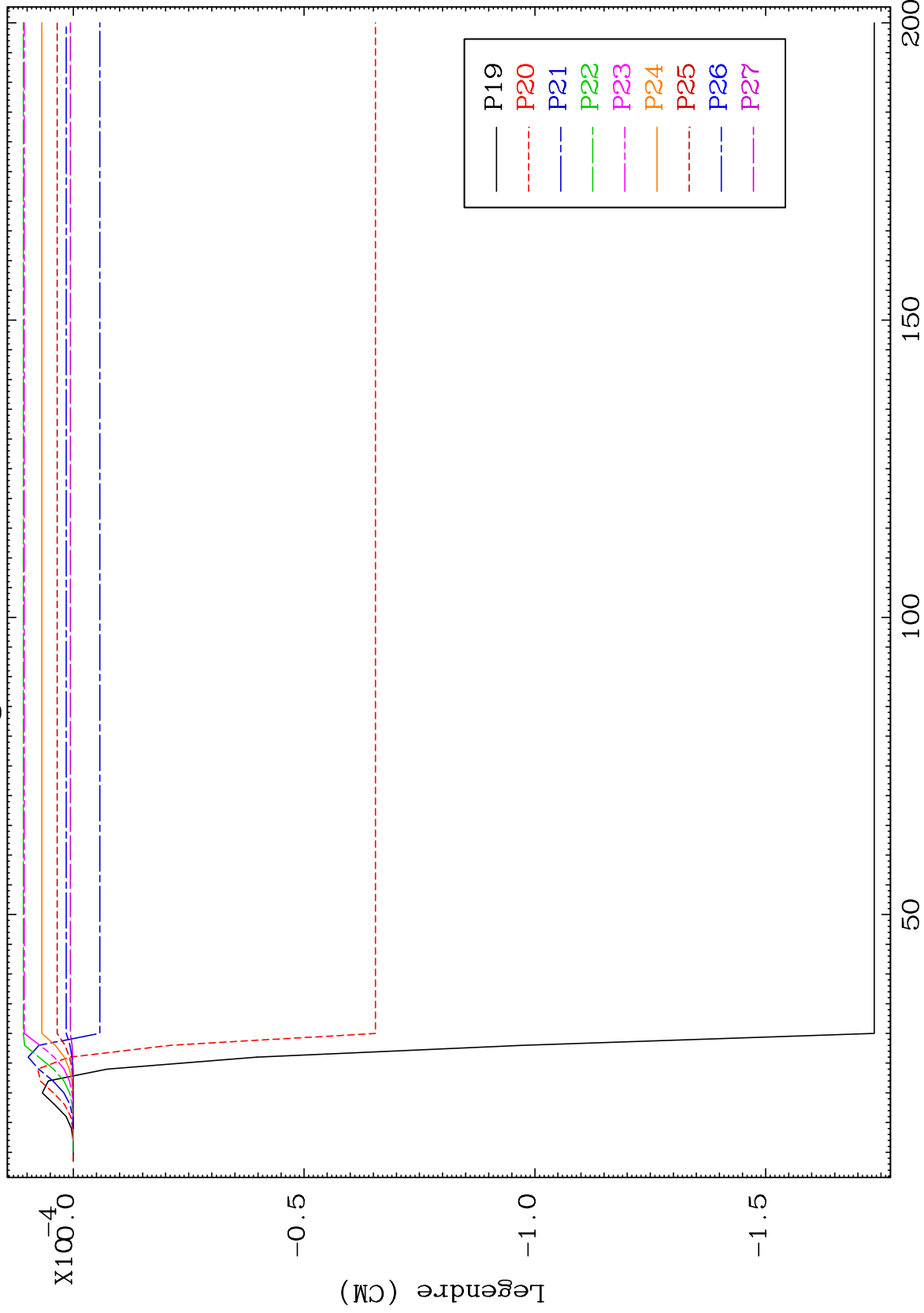
Incident Energy (MeV)

62

MAT 5419

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

54-Xe-122



63

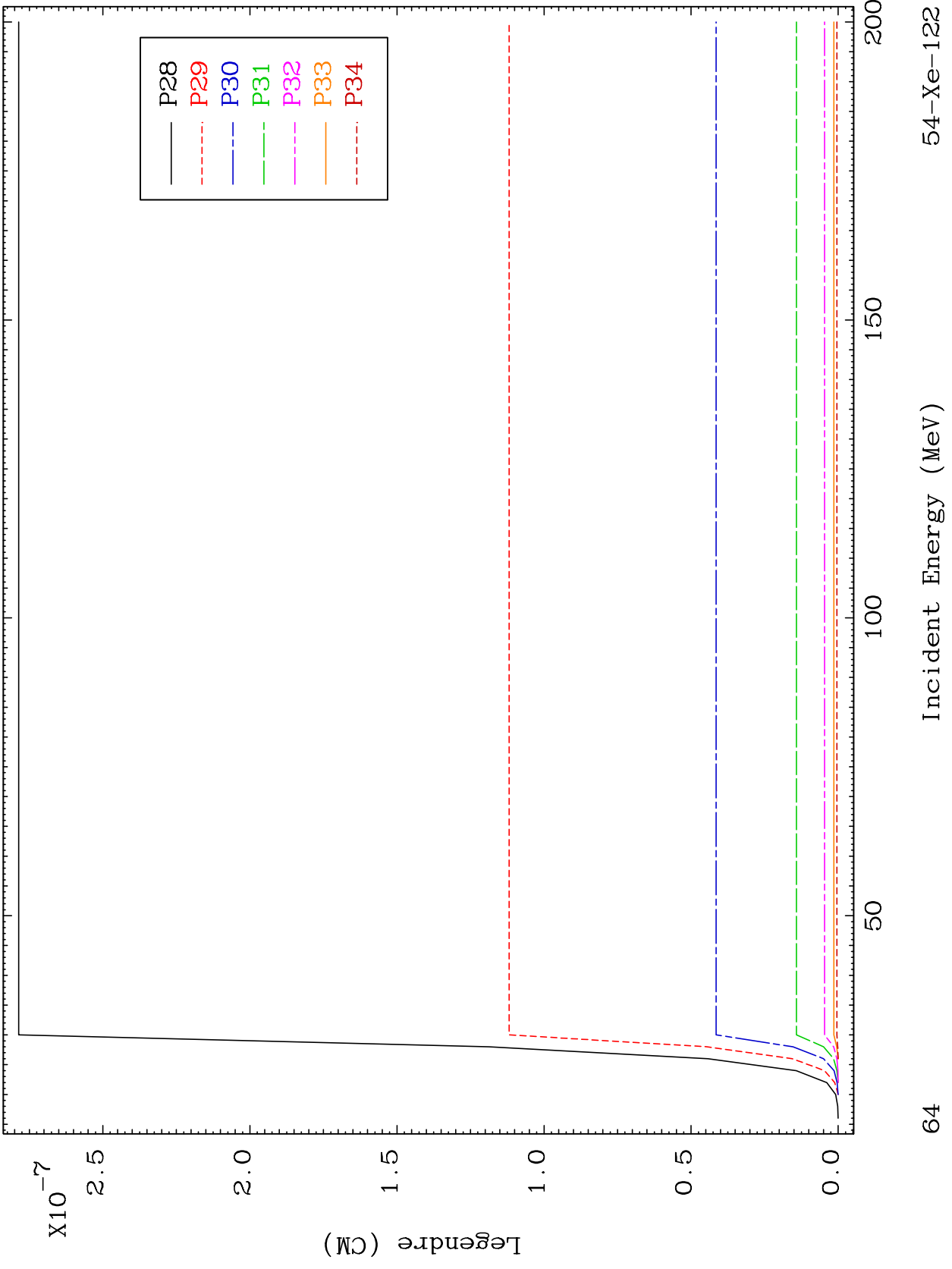
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

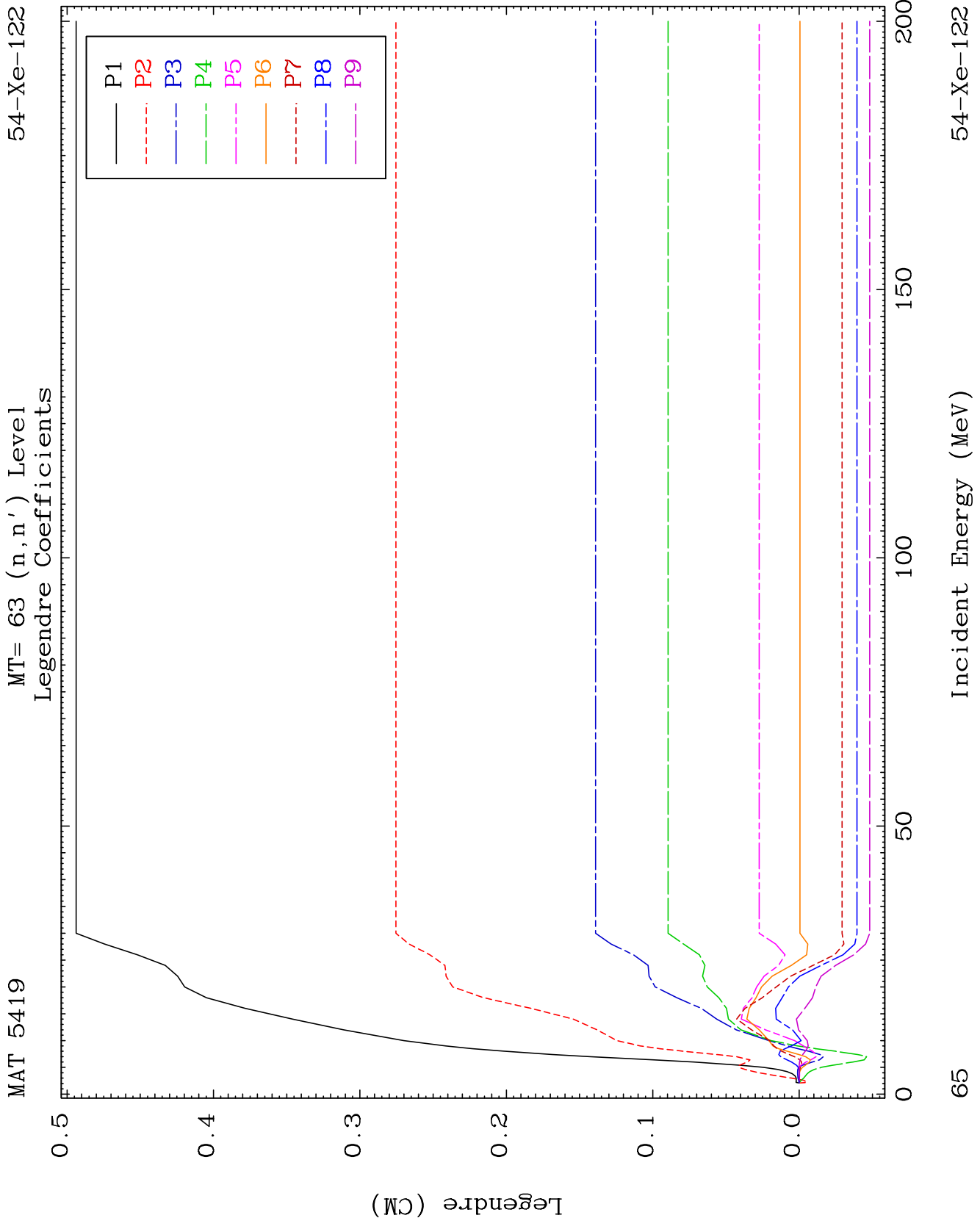
54-Xe-122



64

Incident Energy (MeV)

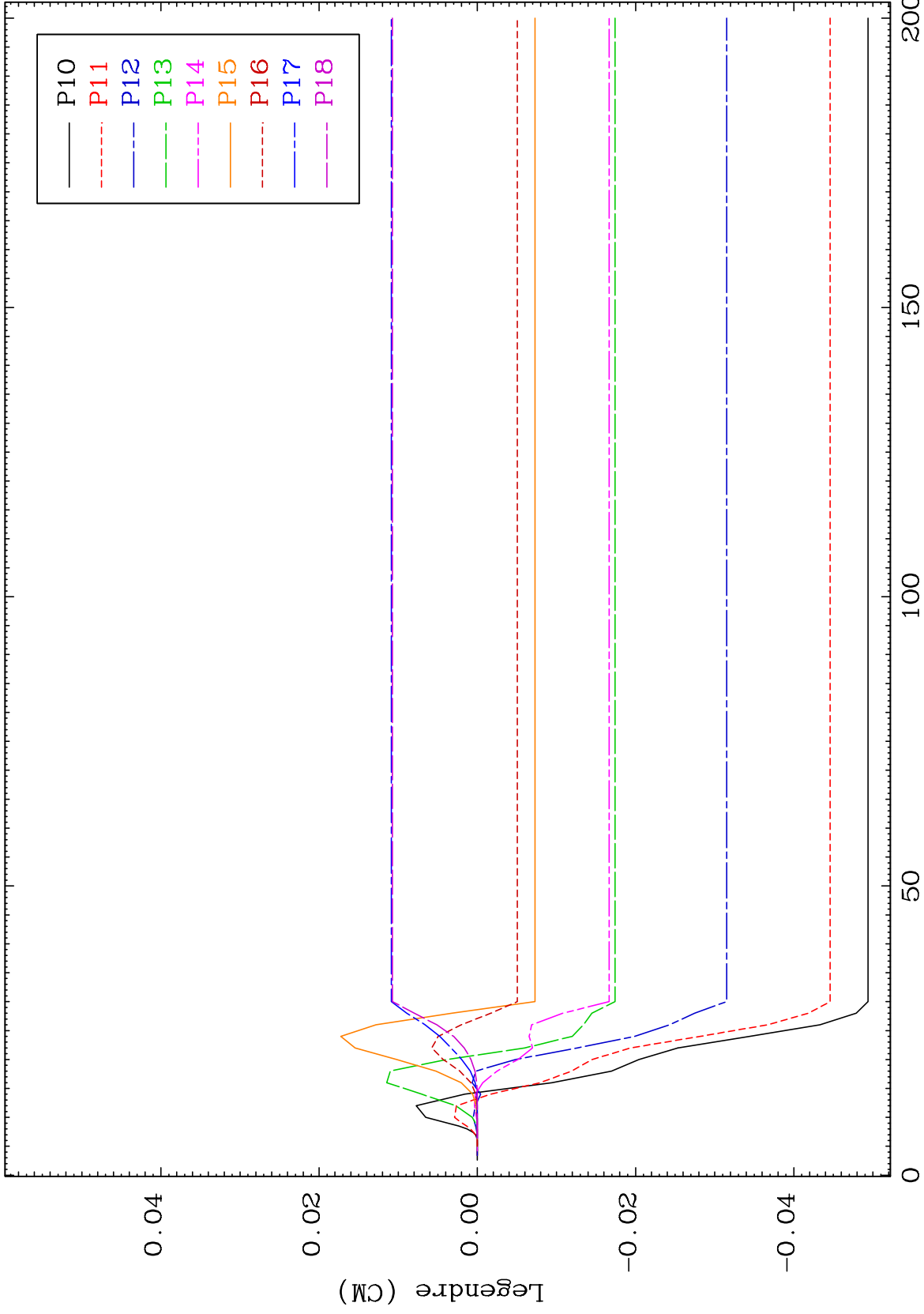
54-Xe-122



MAT 5419

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

54-Xe-122



66

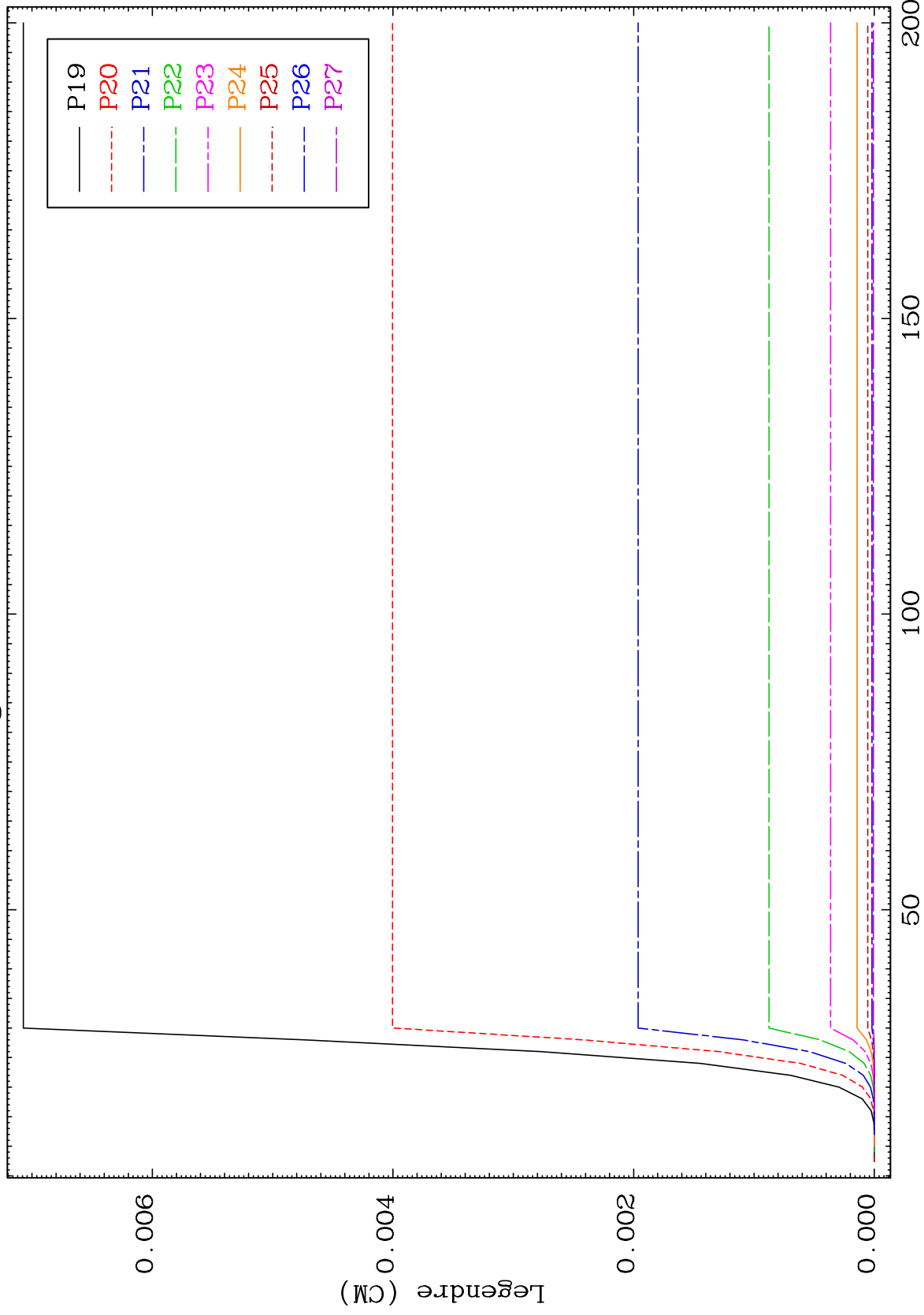
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



67

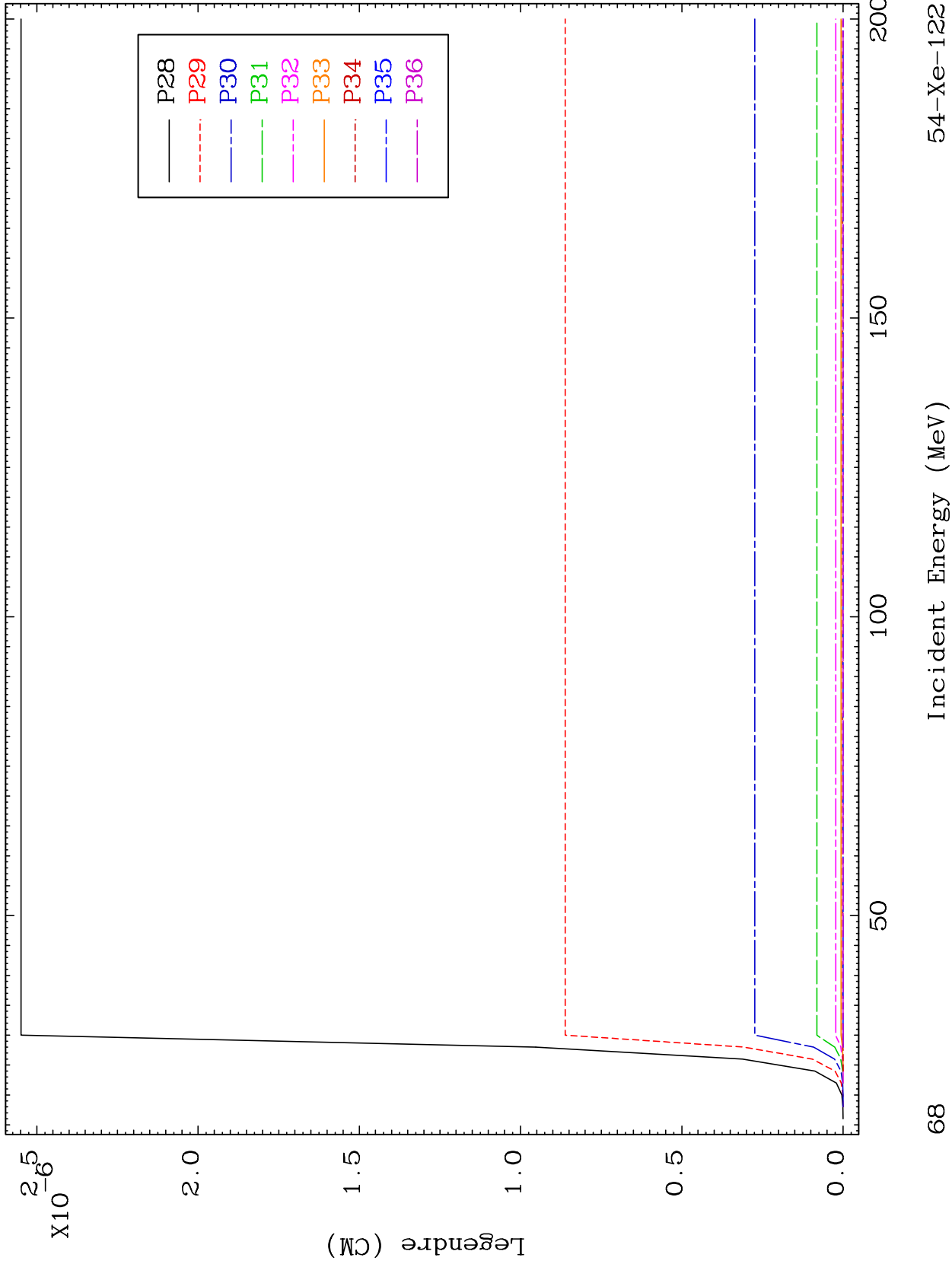
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

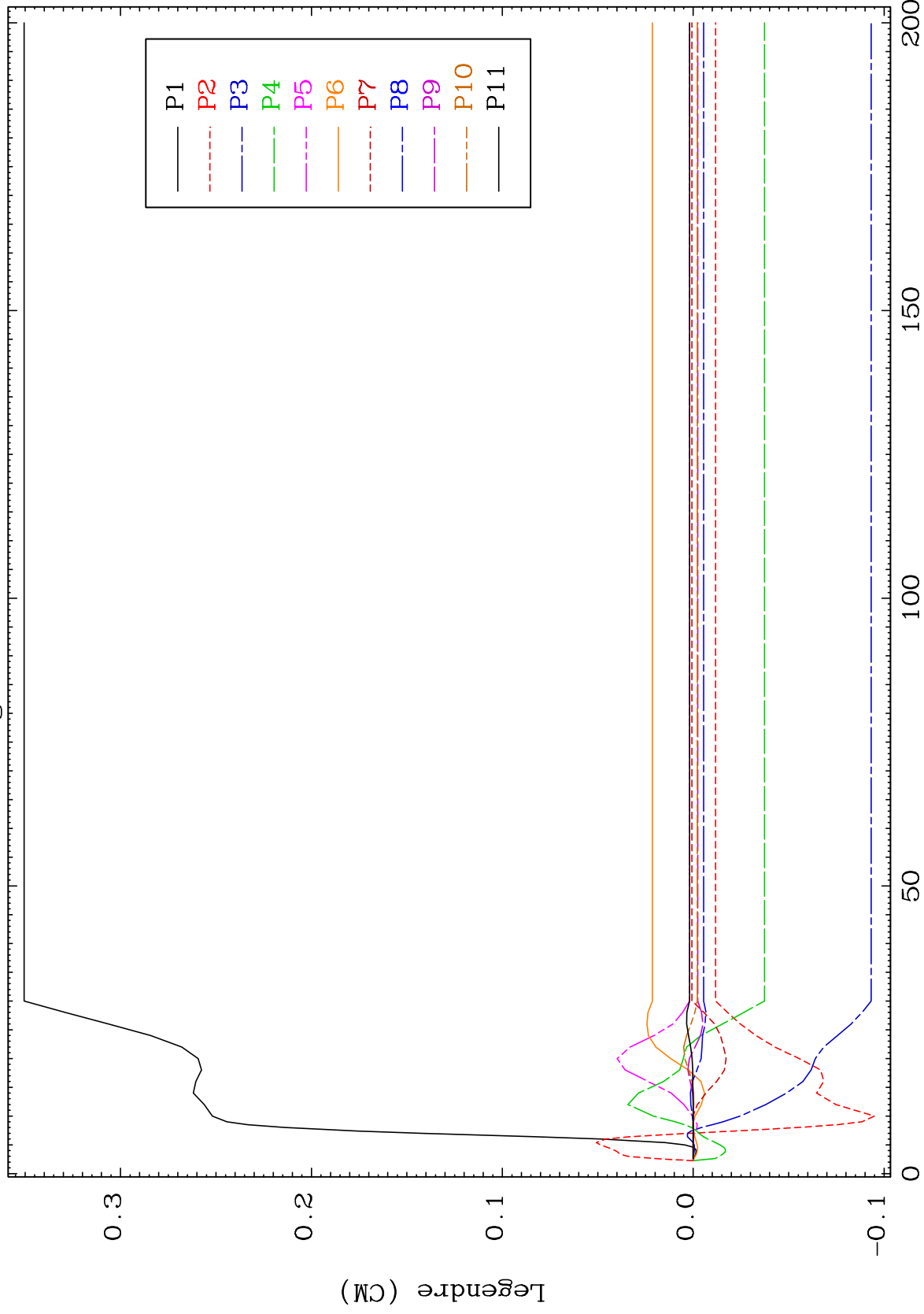
54-Xe-122



MAT 5419

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

54-Xe-122



69

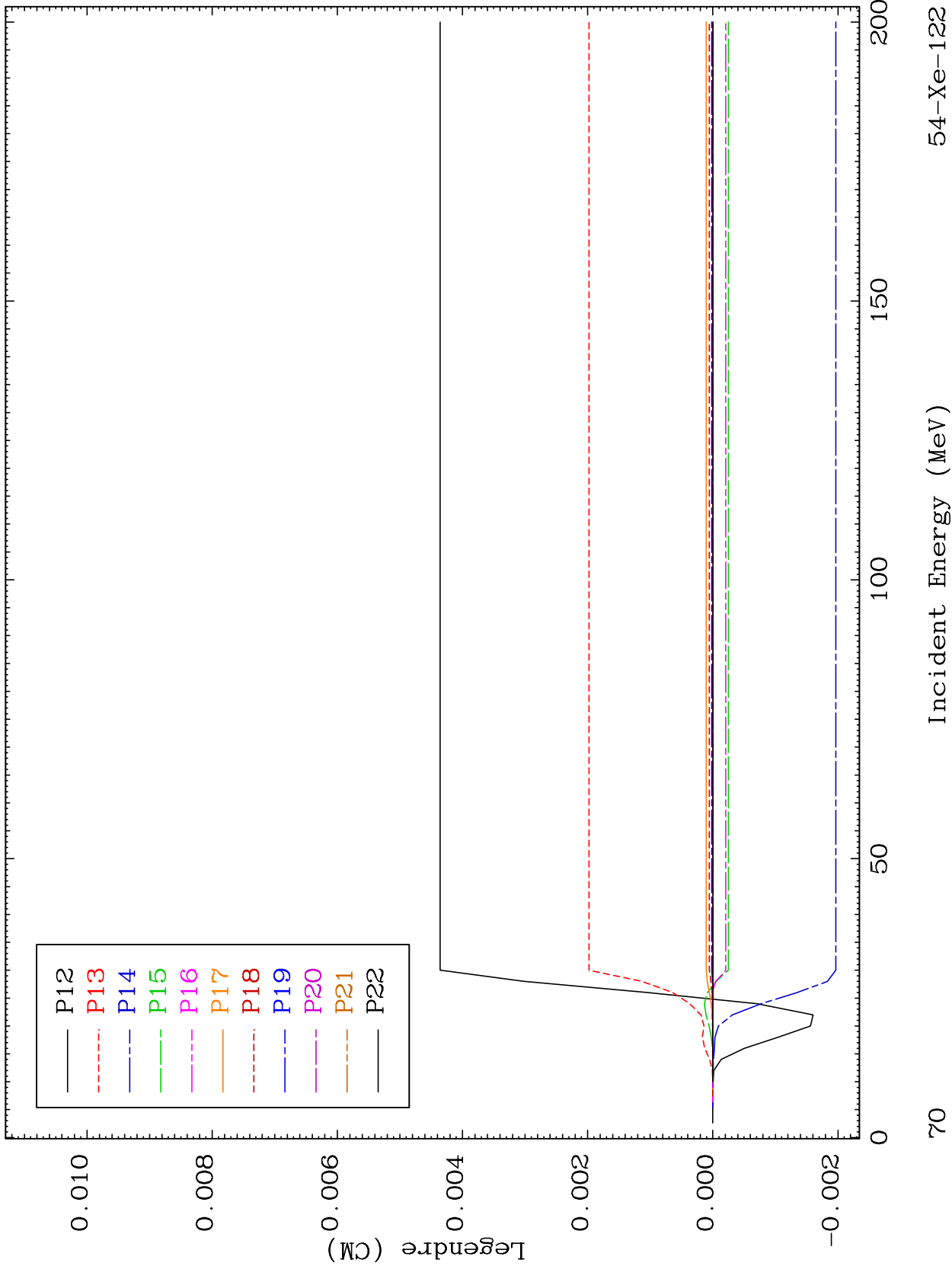
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

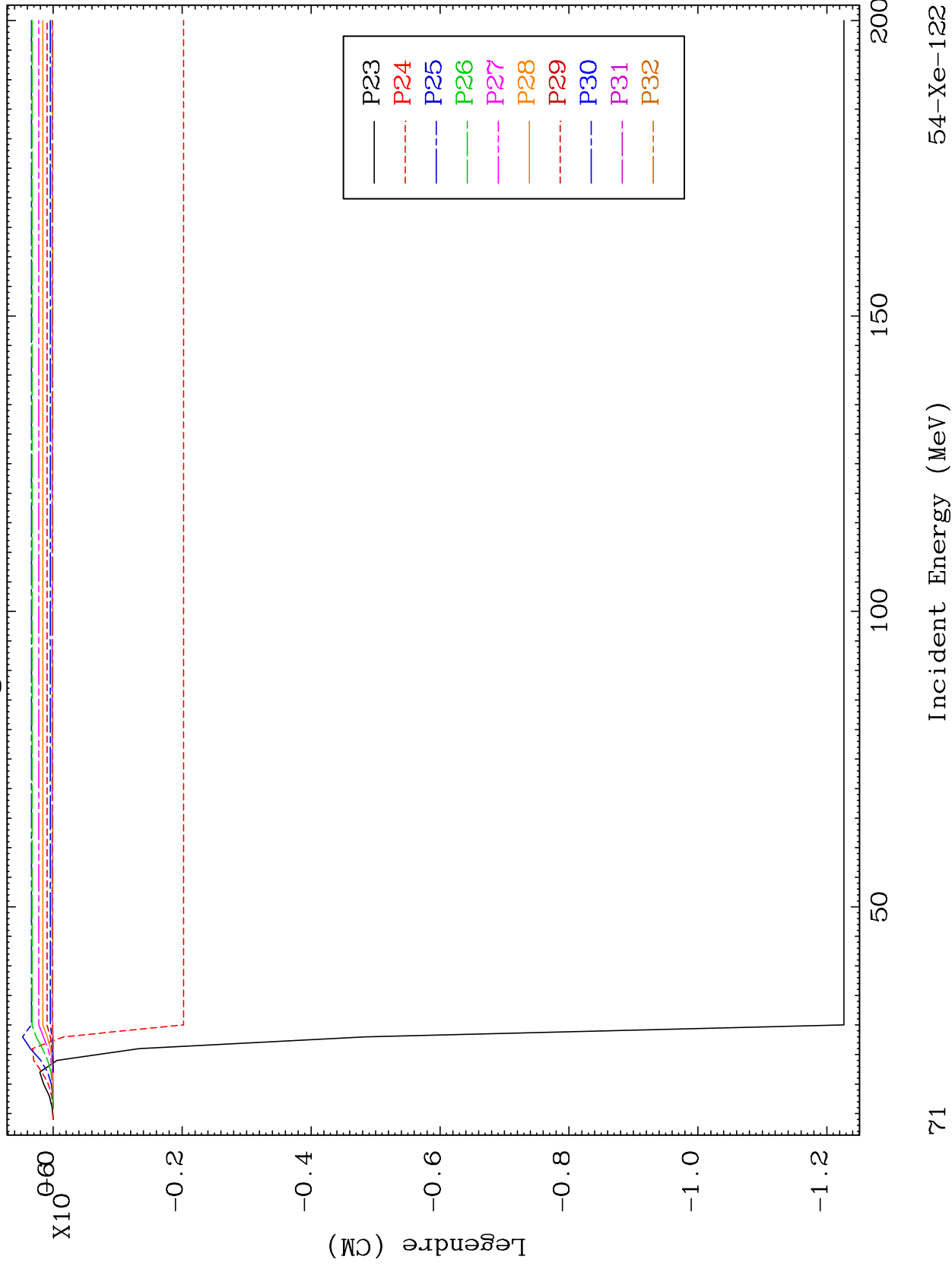
Incident Energy (MeV)

70

MAT 5419

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

54-Xe-122



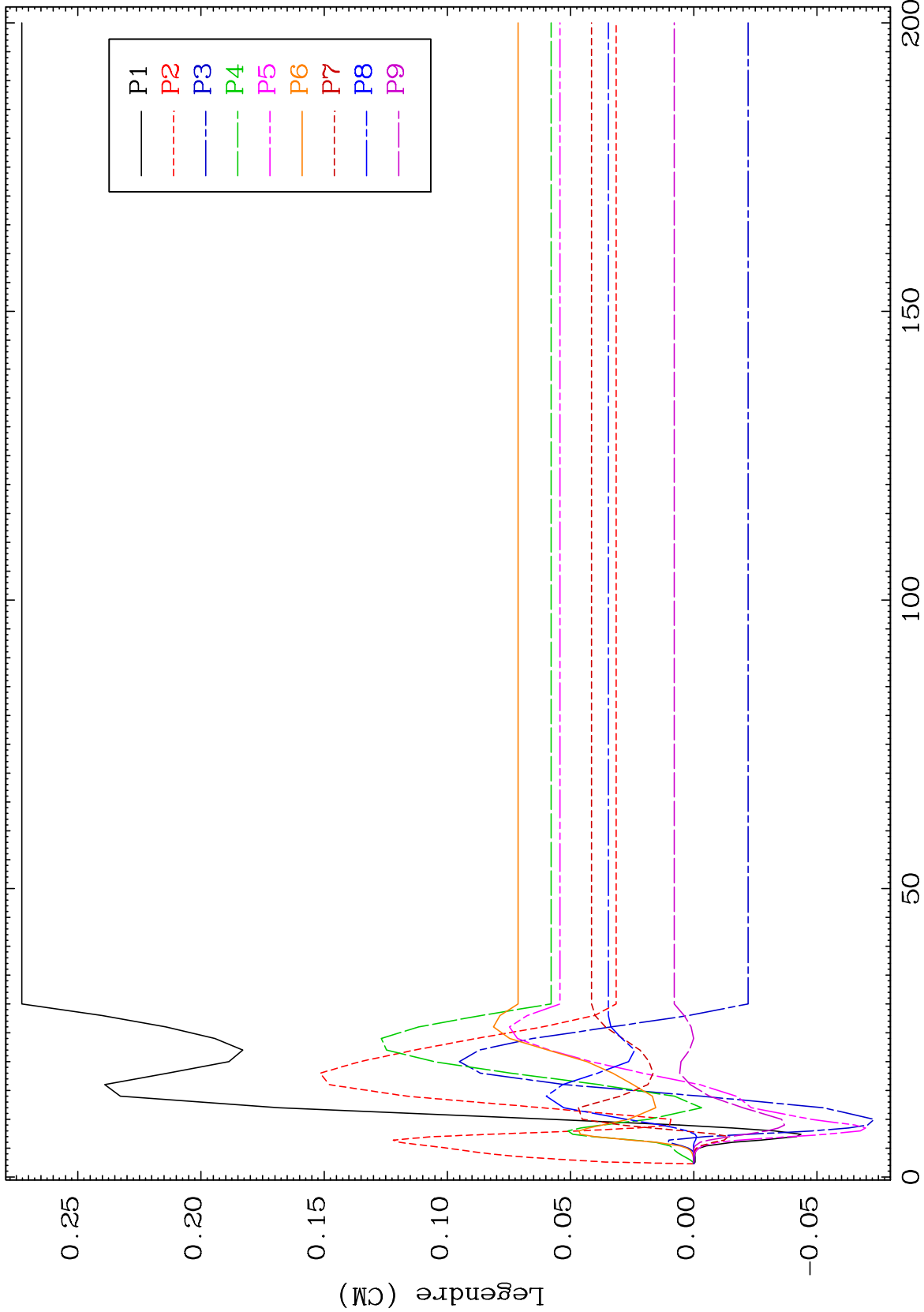
71

54-Xe-122

MAT 5419

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

54-Xe-122



72

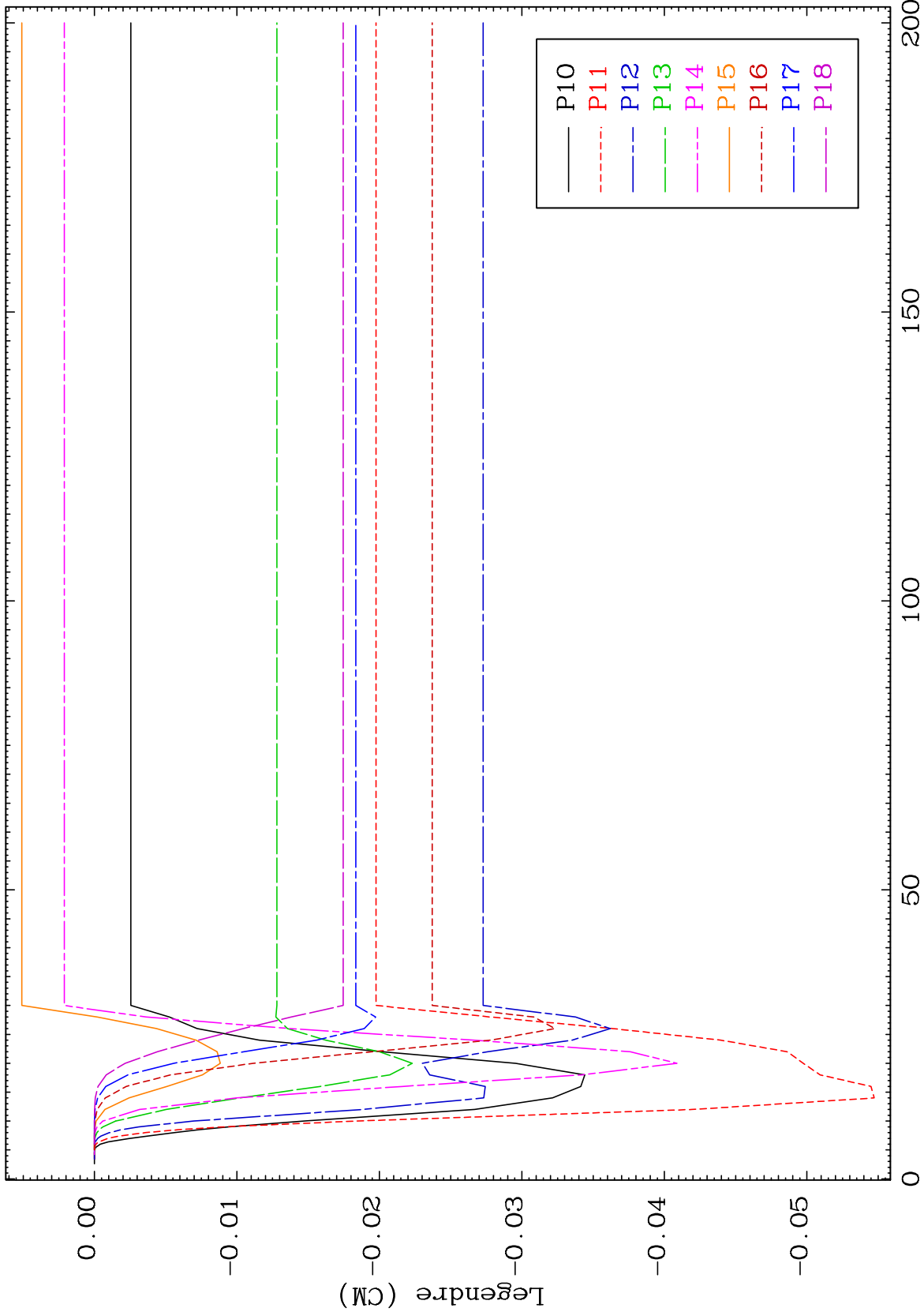
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

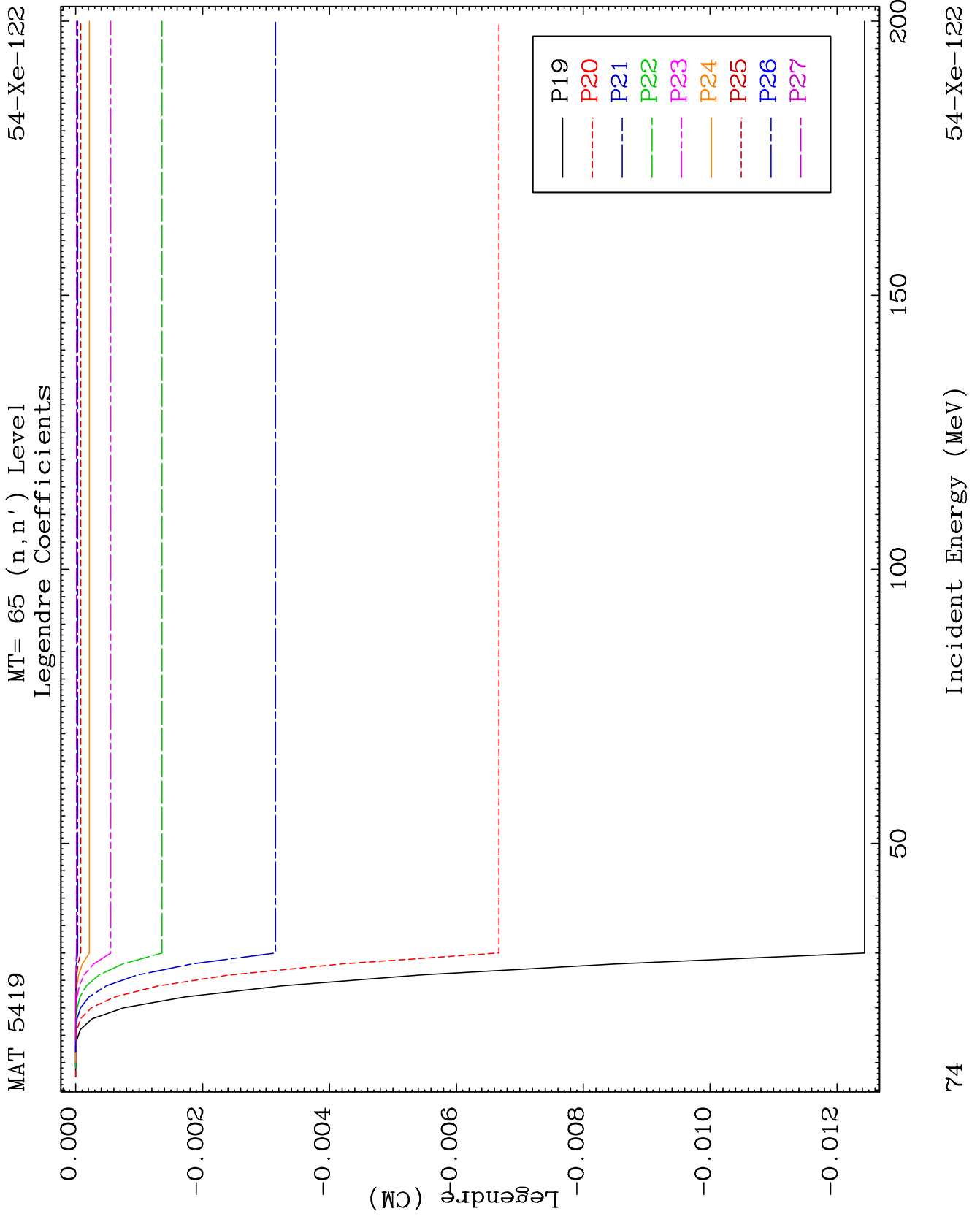
54-Xe-122

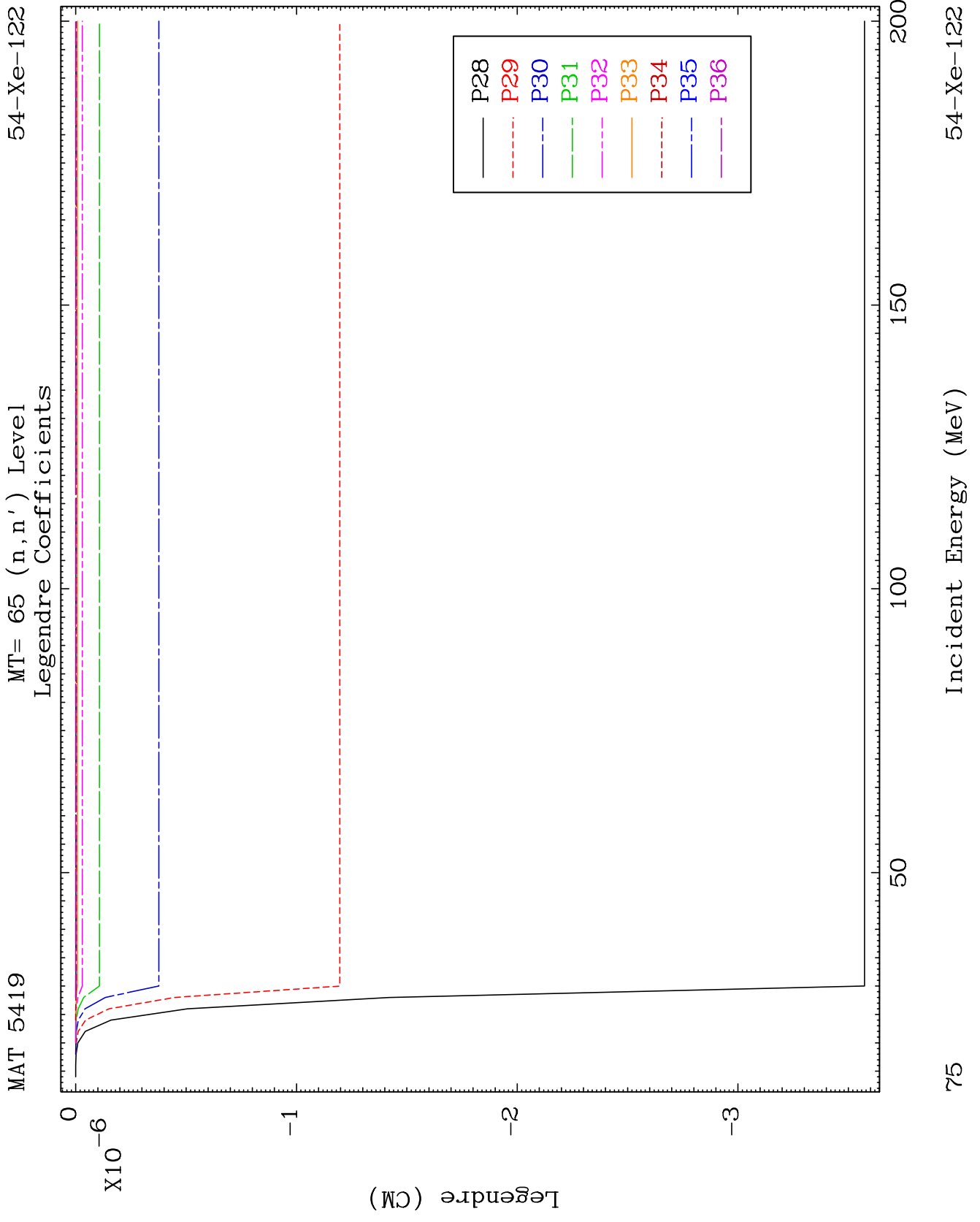


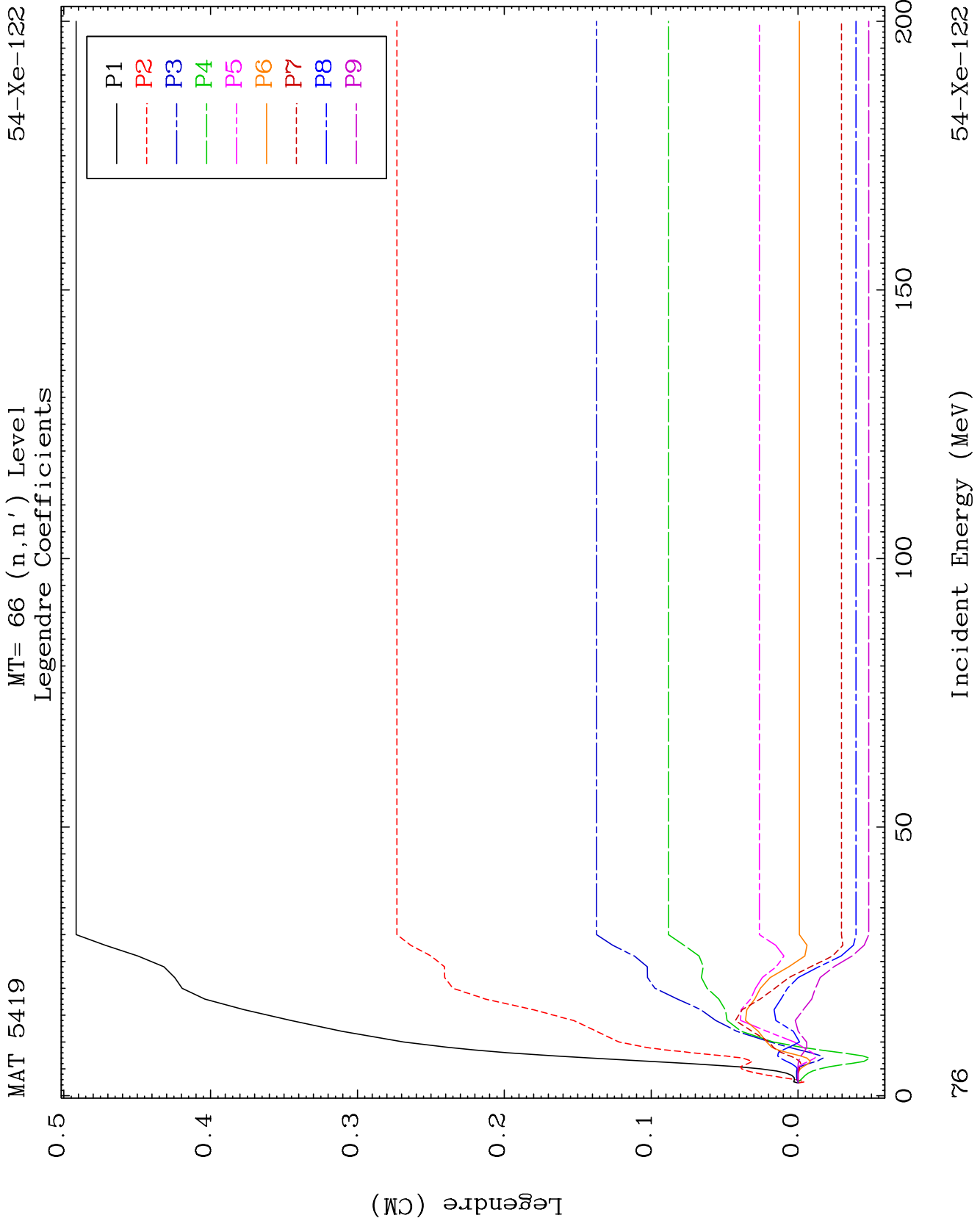
73

Incident Energy (MeV)

54-Xe-122



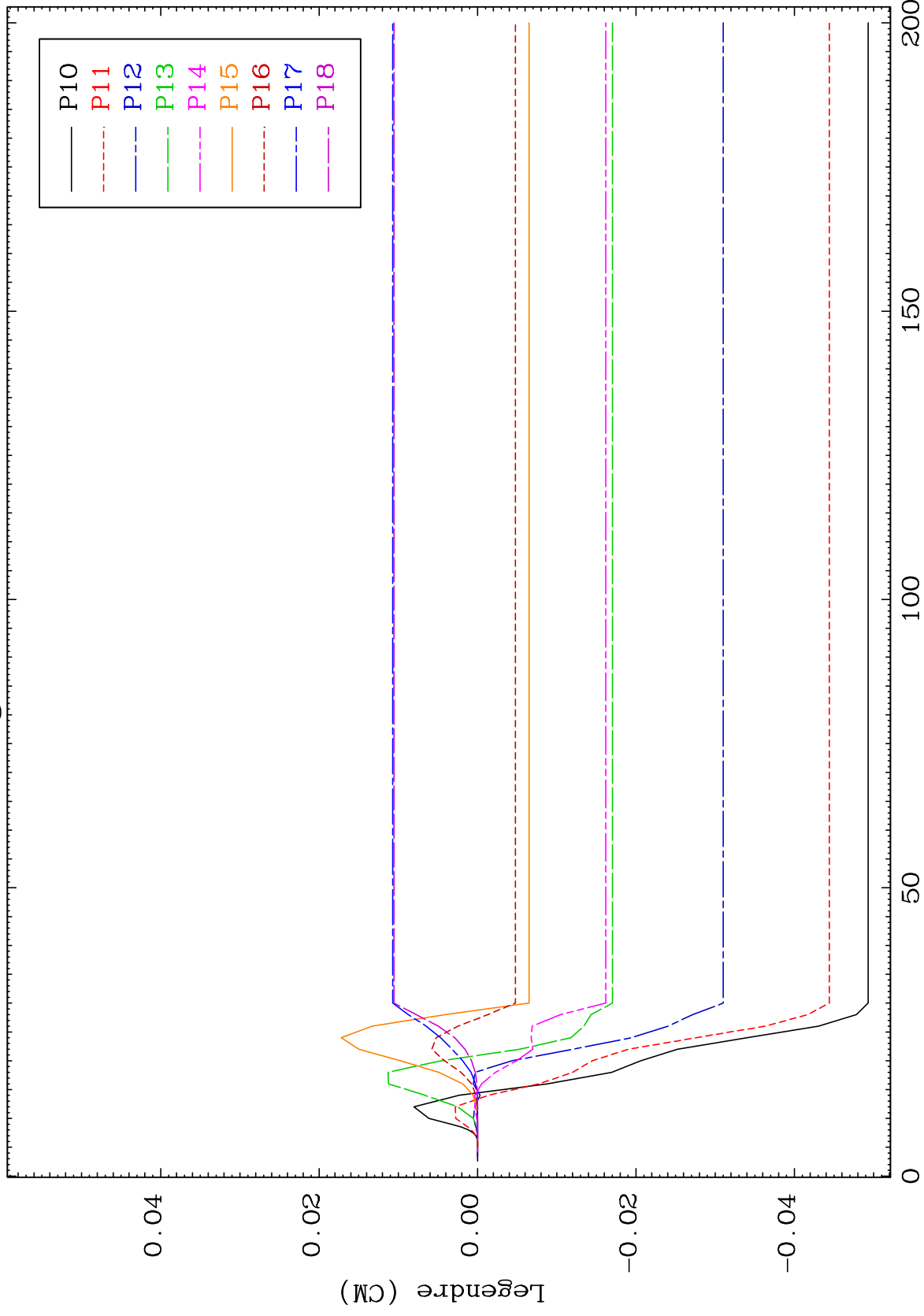




MAT 5419

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

54-Xe-122



77

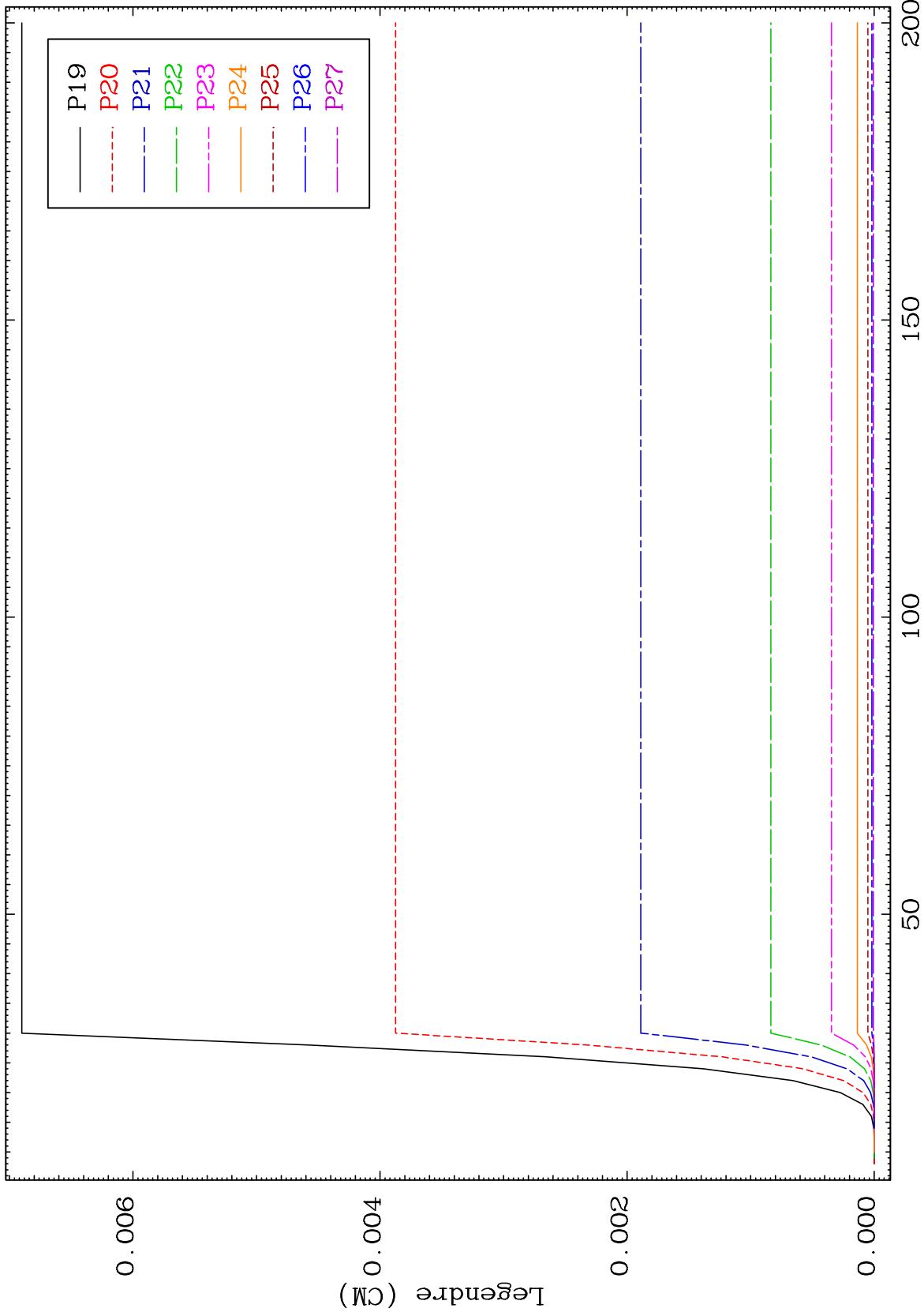
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



78

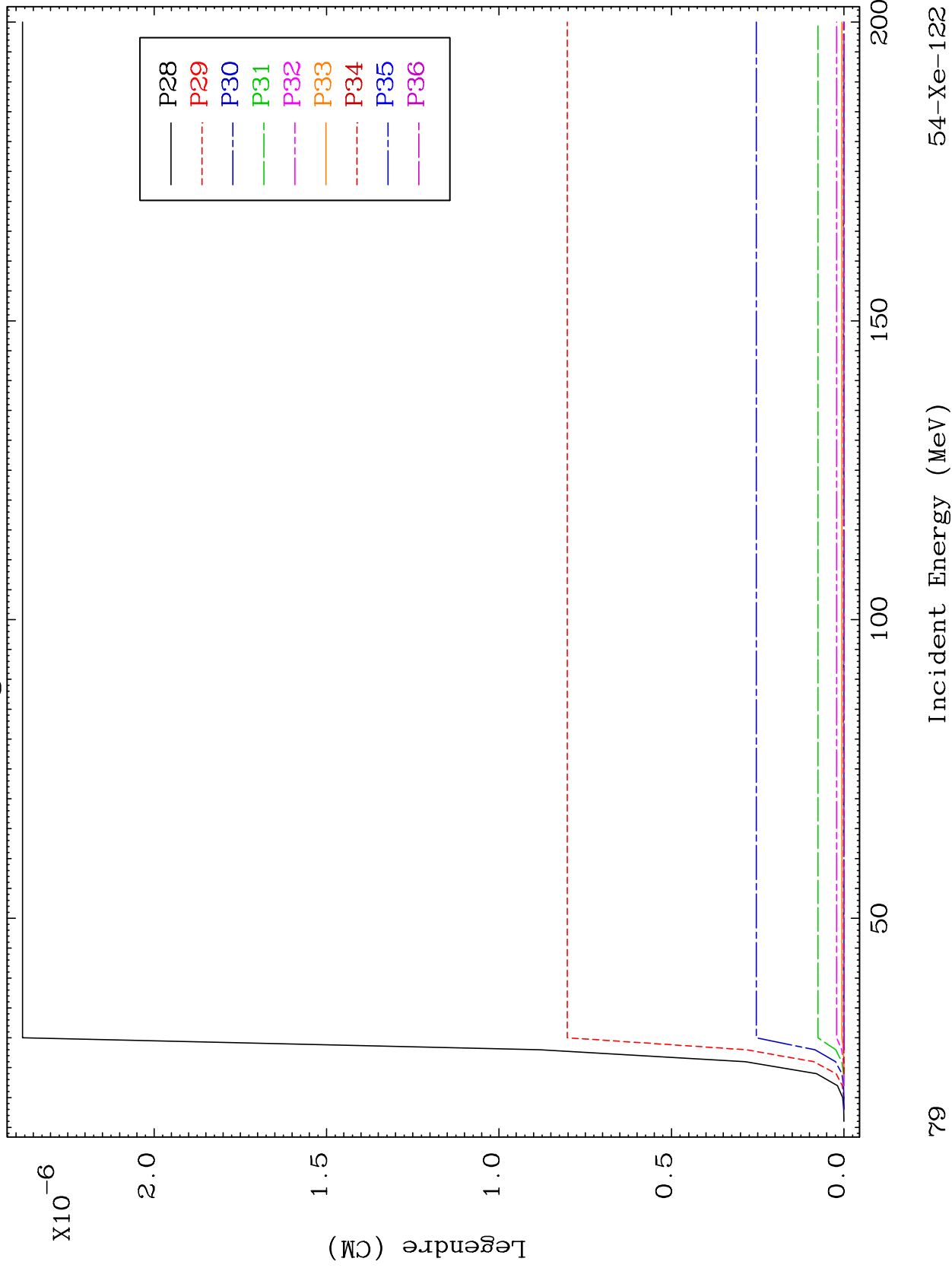
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



79

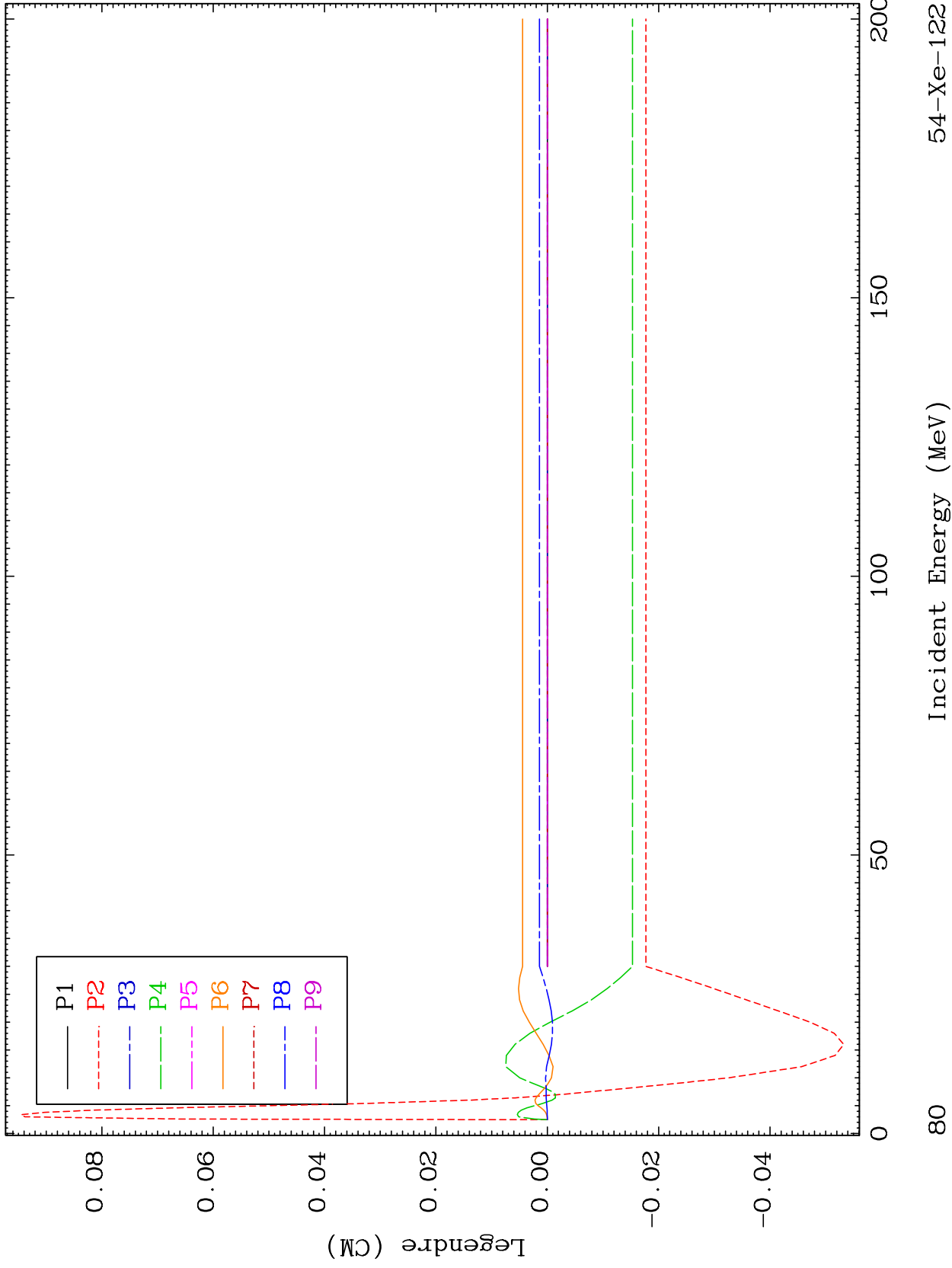
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

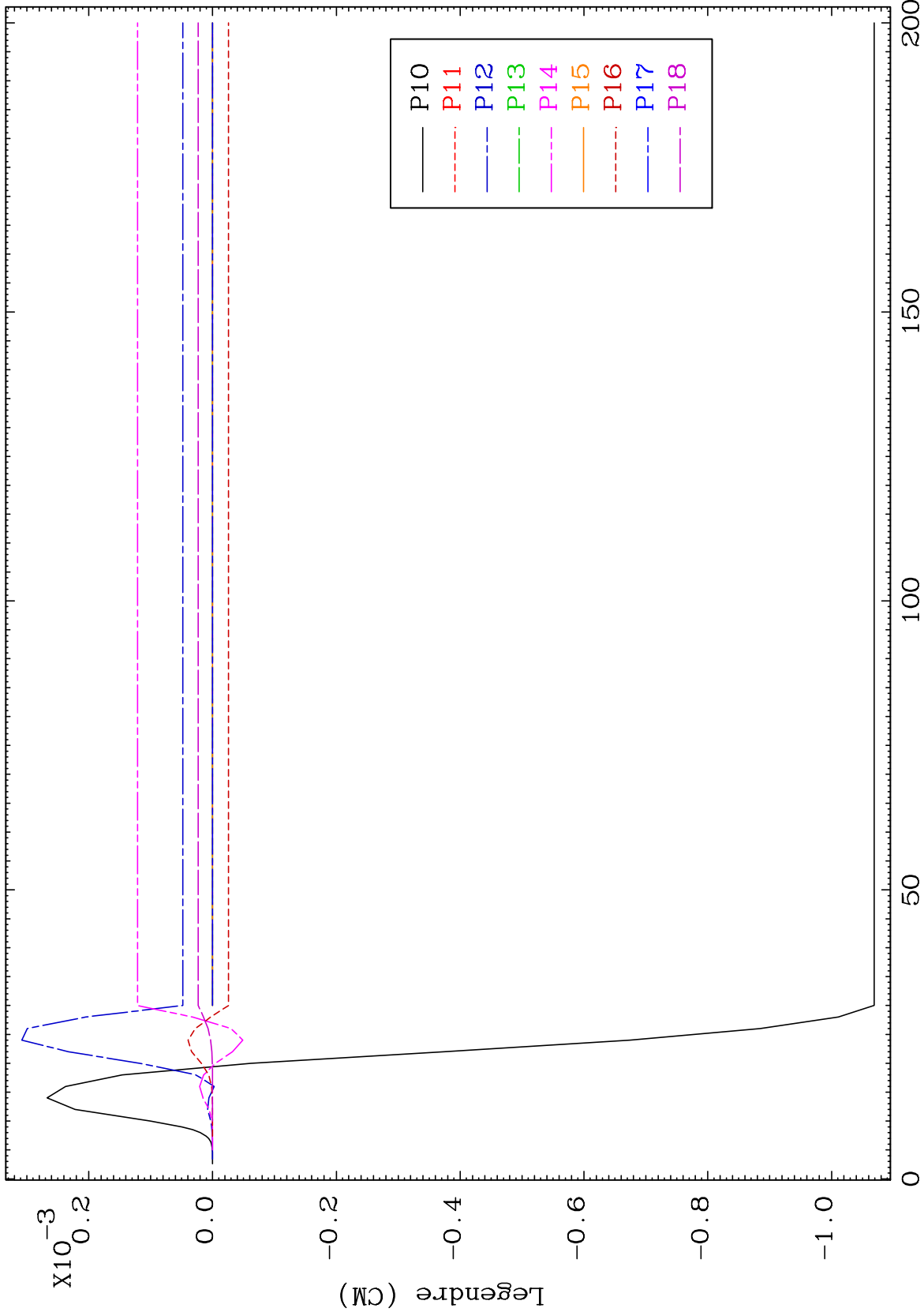
Incident Energy (MeV)

80

MAT 5419

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

54-Xe-122



81

Incident Energy (MeV)

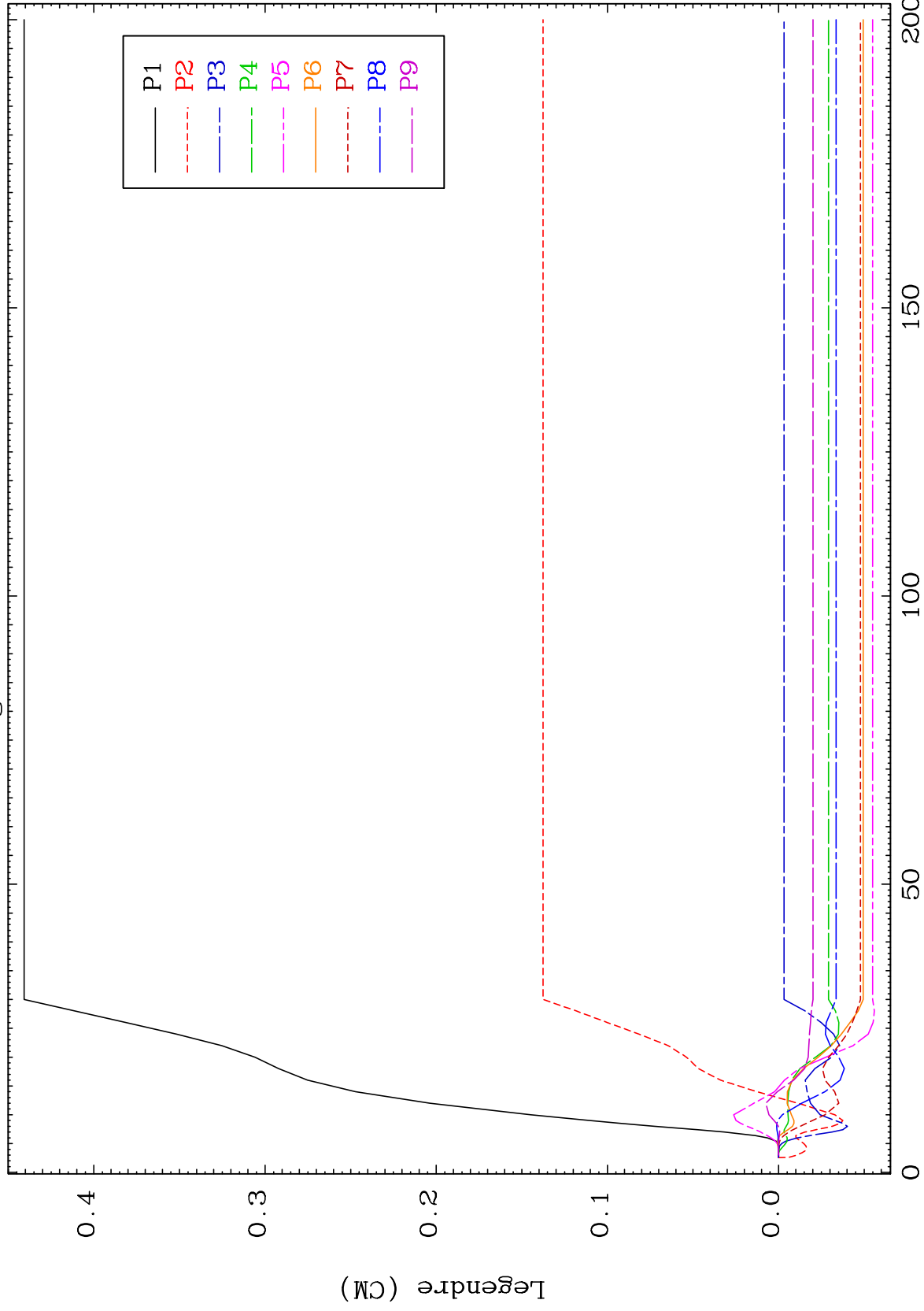
54-Xe-122



MAT 5419

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

54-Xe-122



83

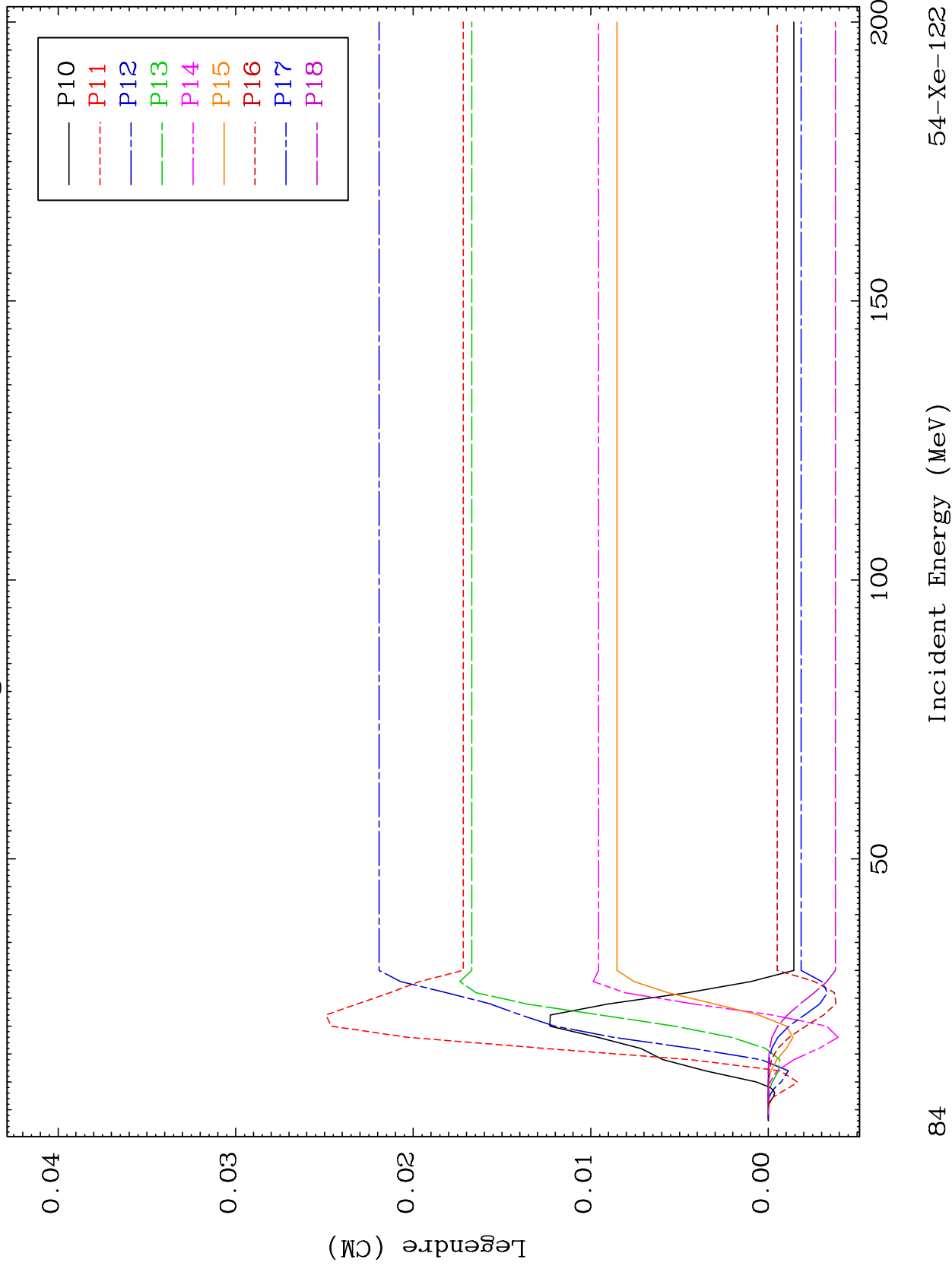
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



84

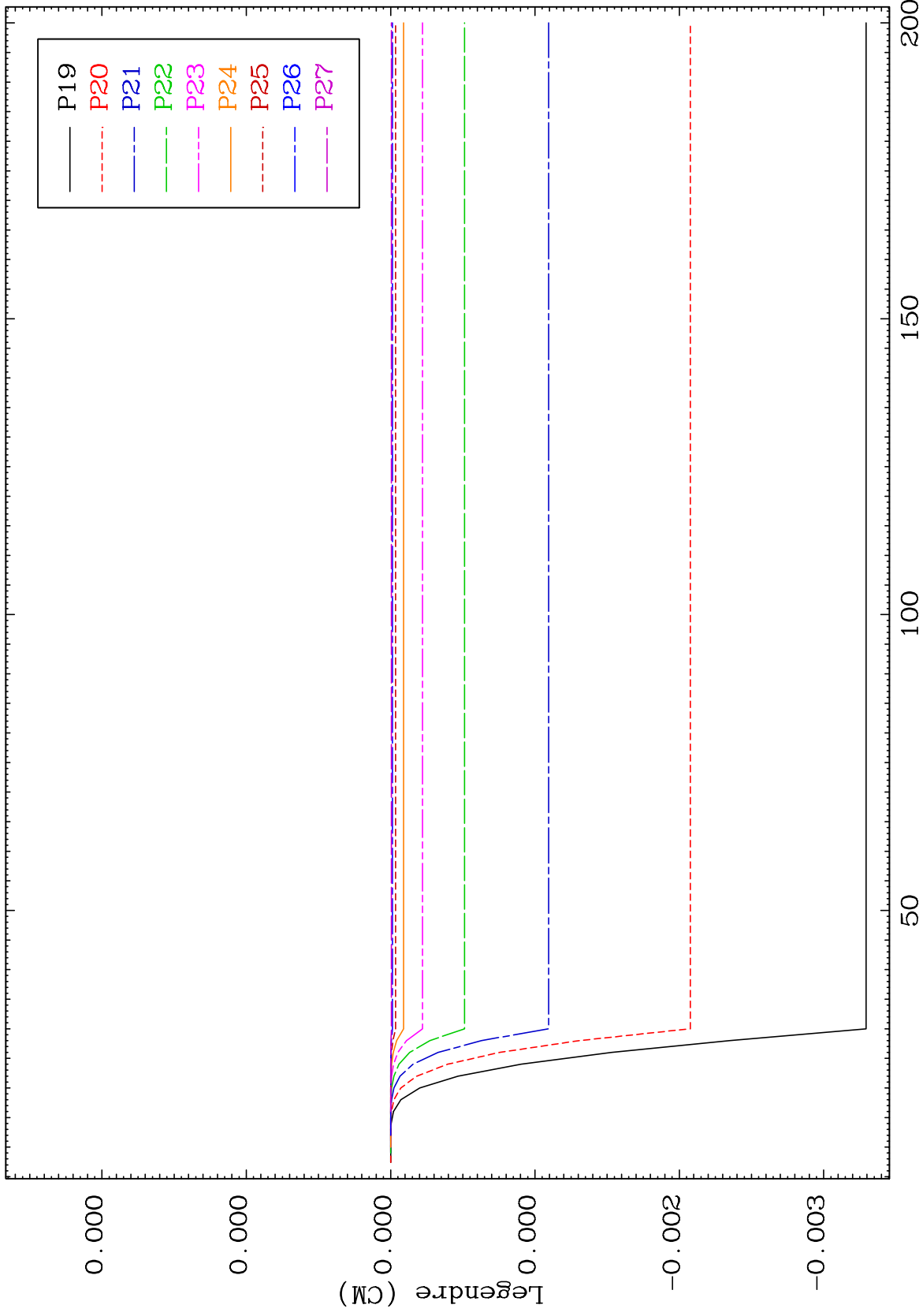
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



85

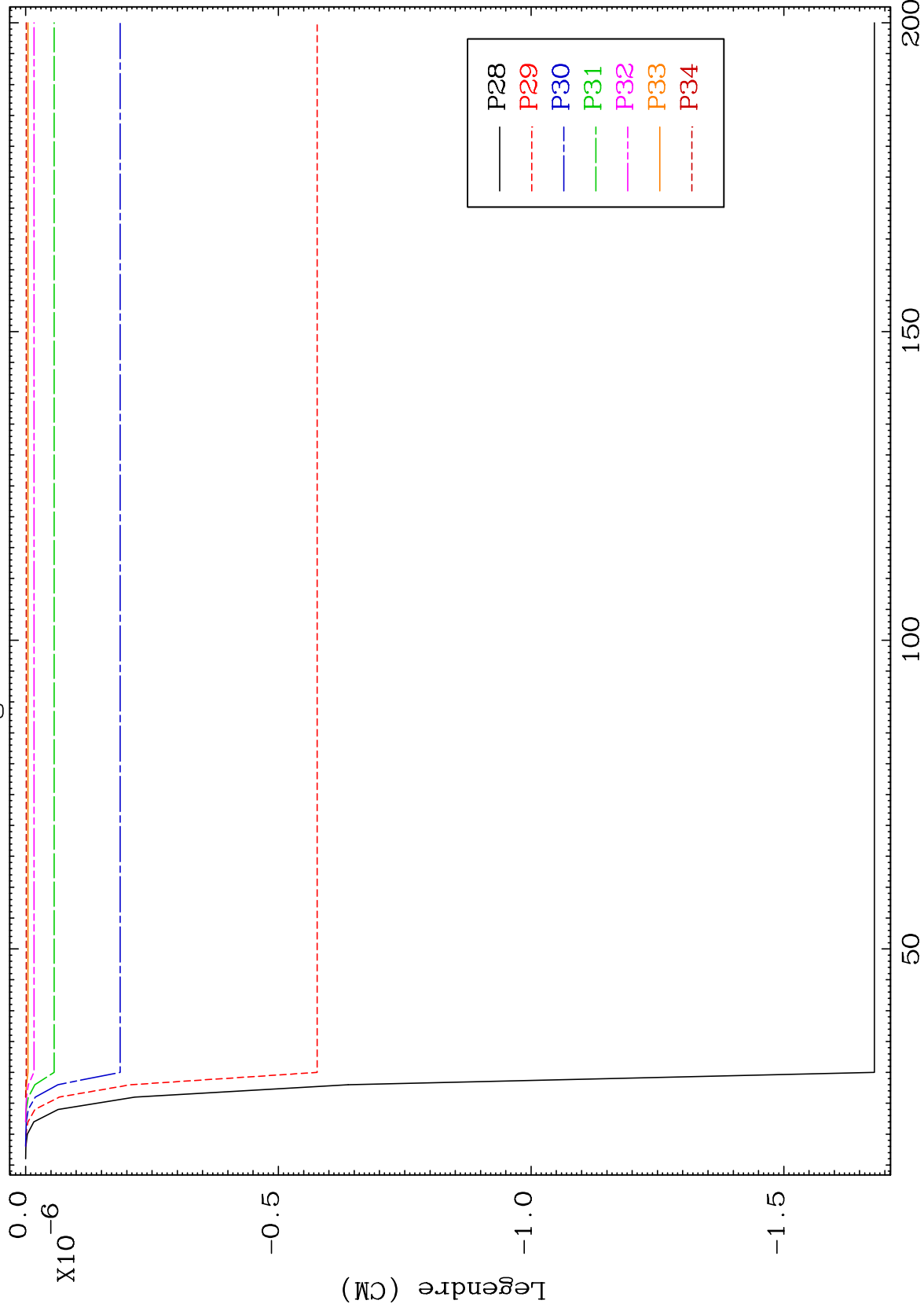
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



86

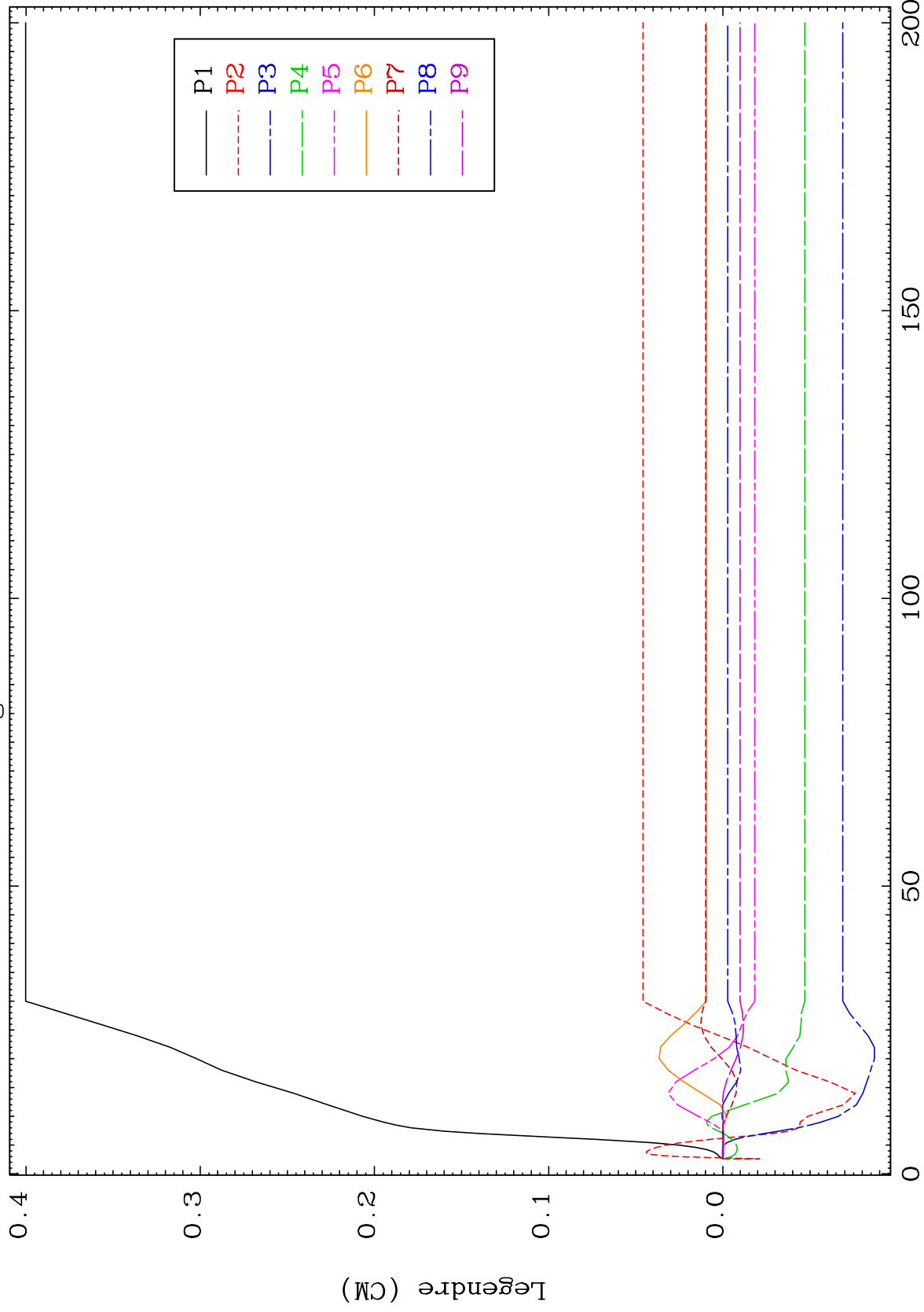
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



87

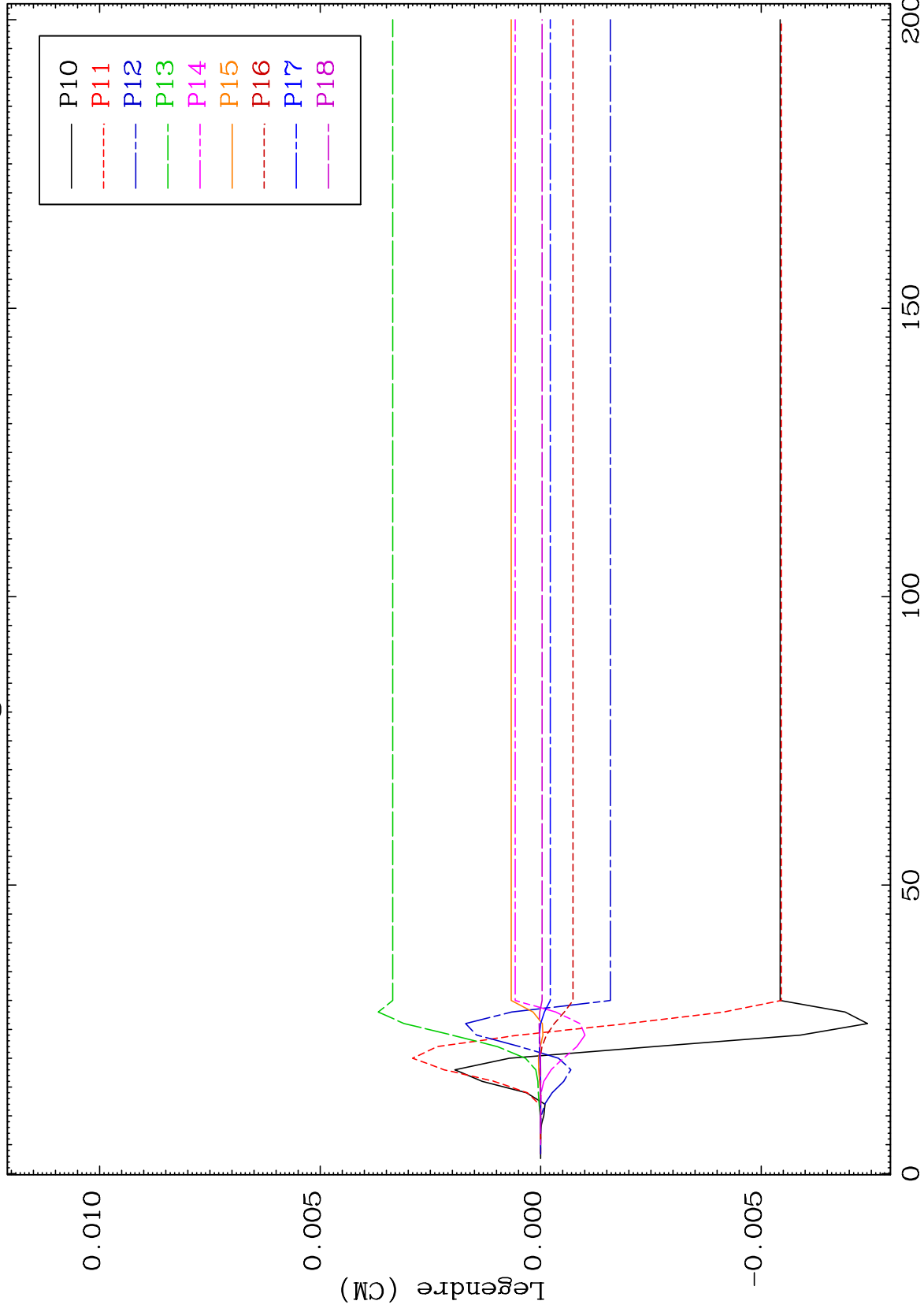
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



88

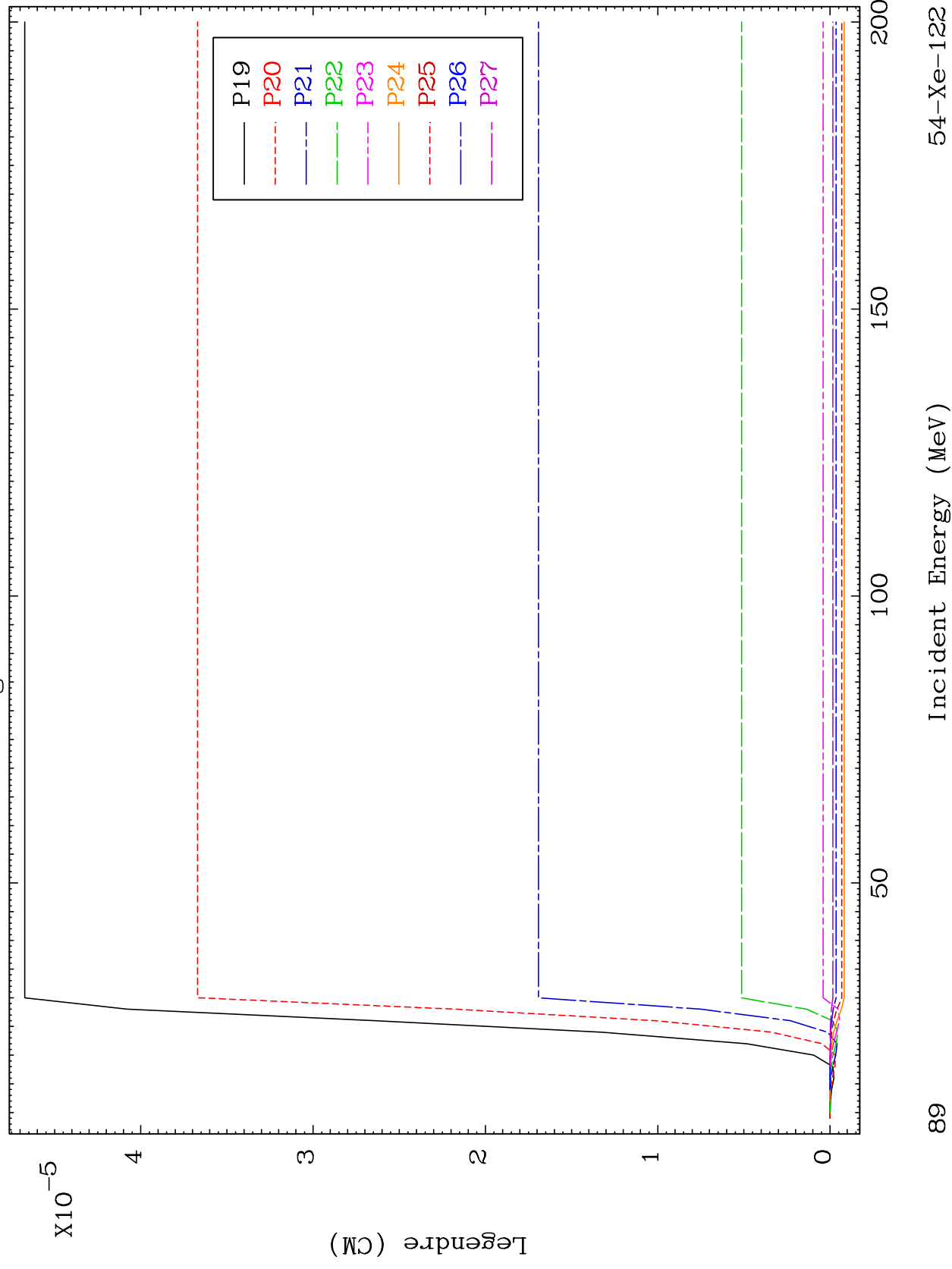
Incident Energy (MeV)

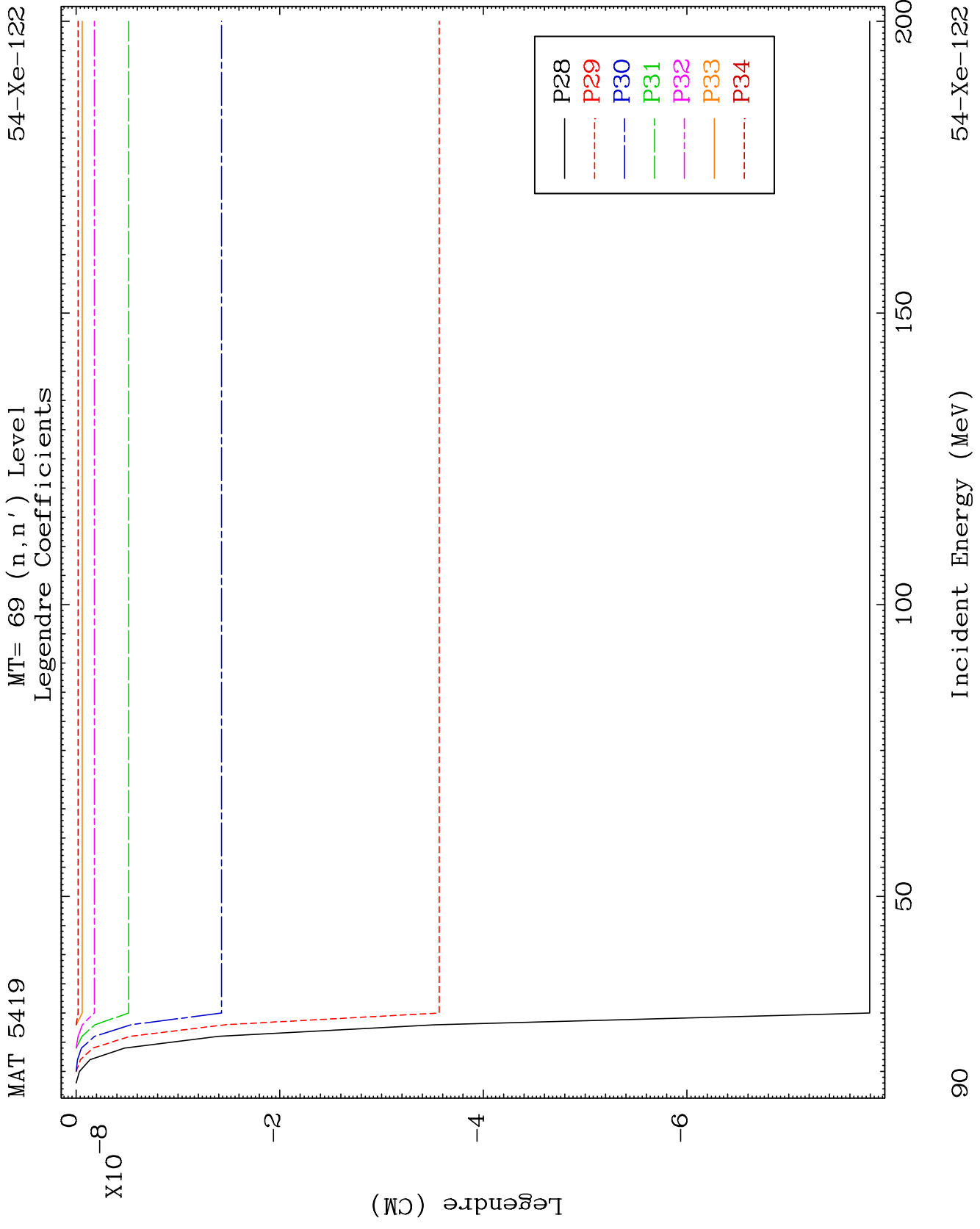
54-Xe-122

MAT 5419

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

54-Xe-122

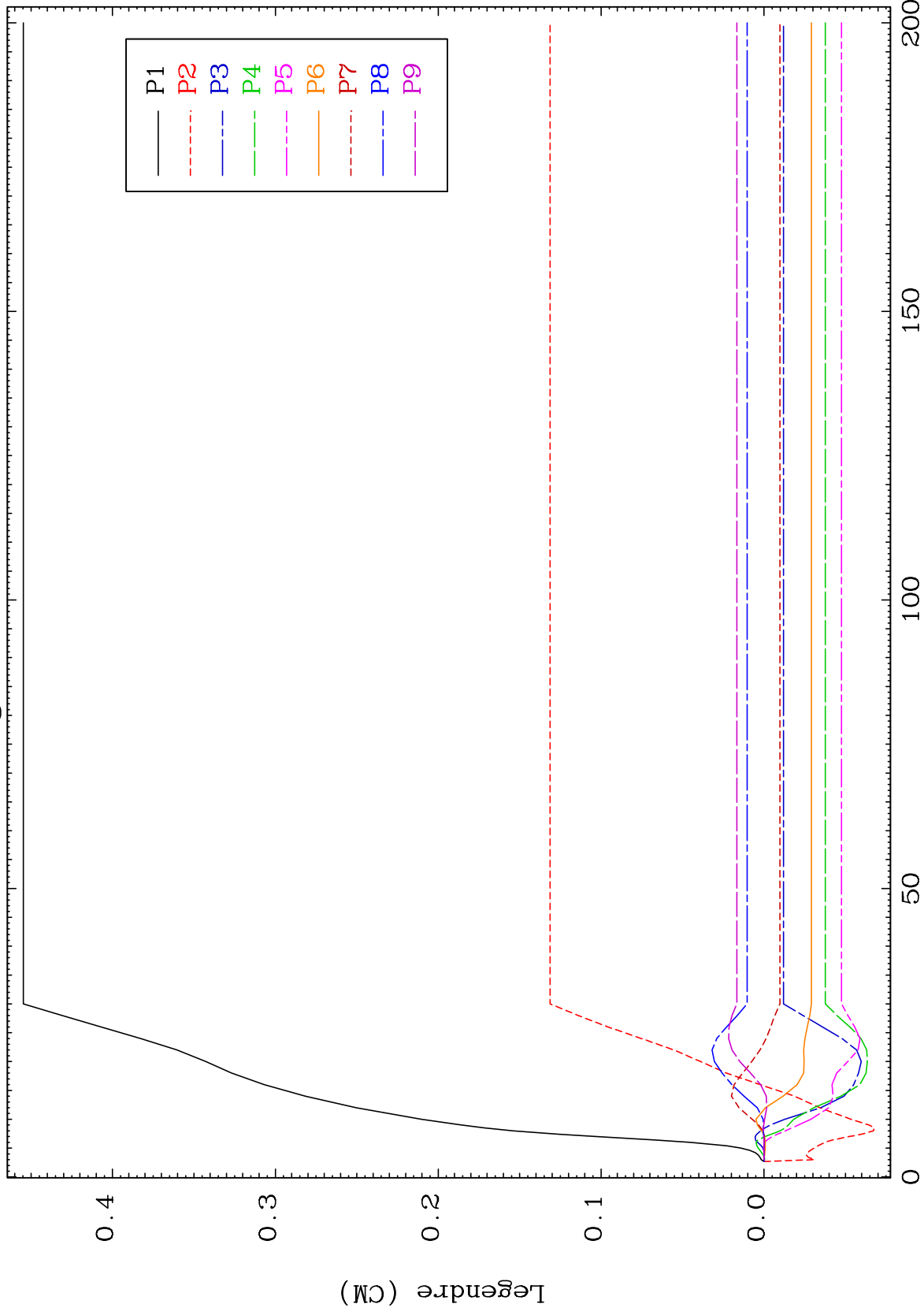




MAT 5419

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

54-Xe-122



91

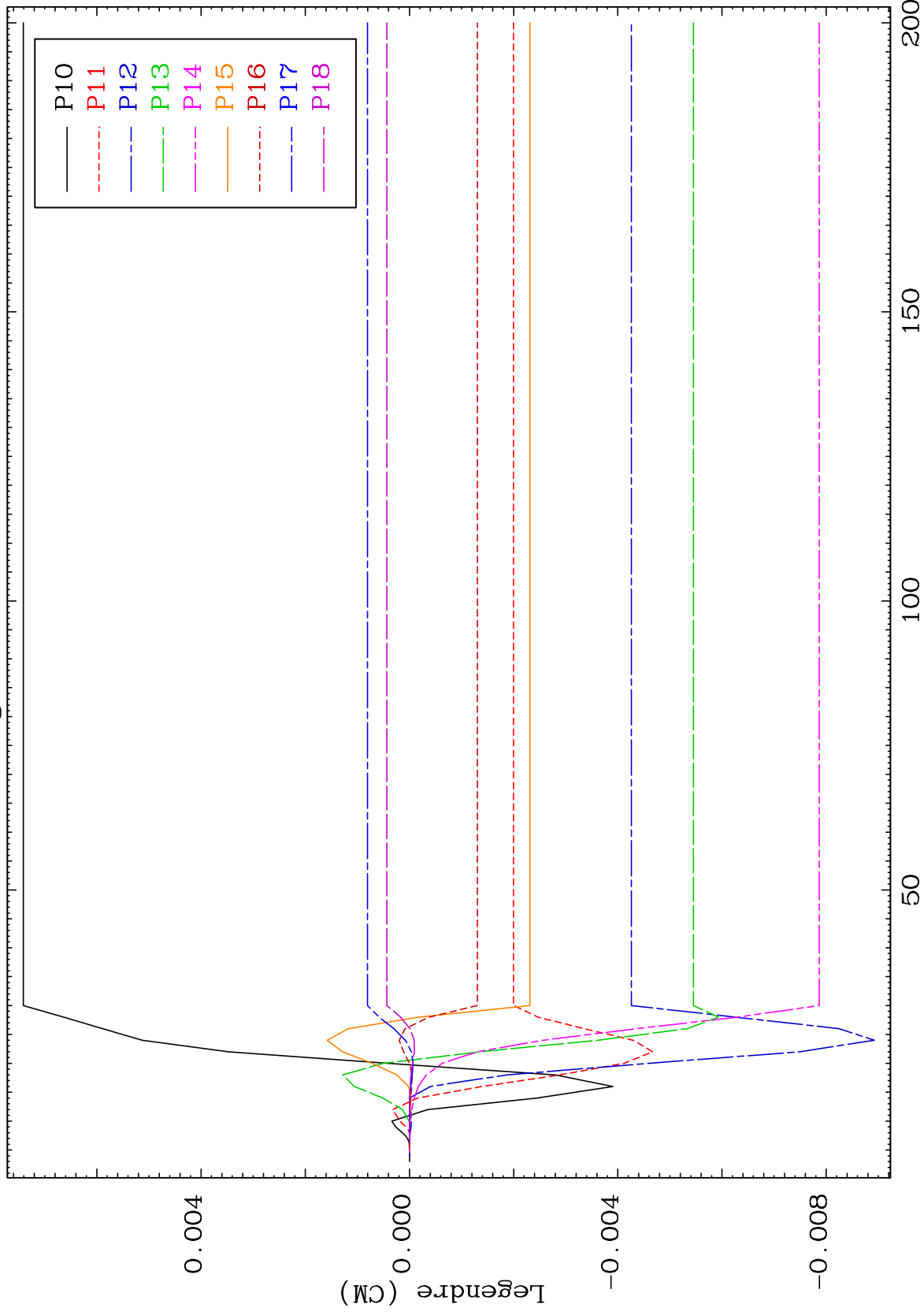
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



92

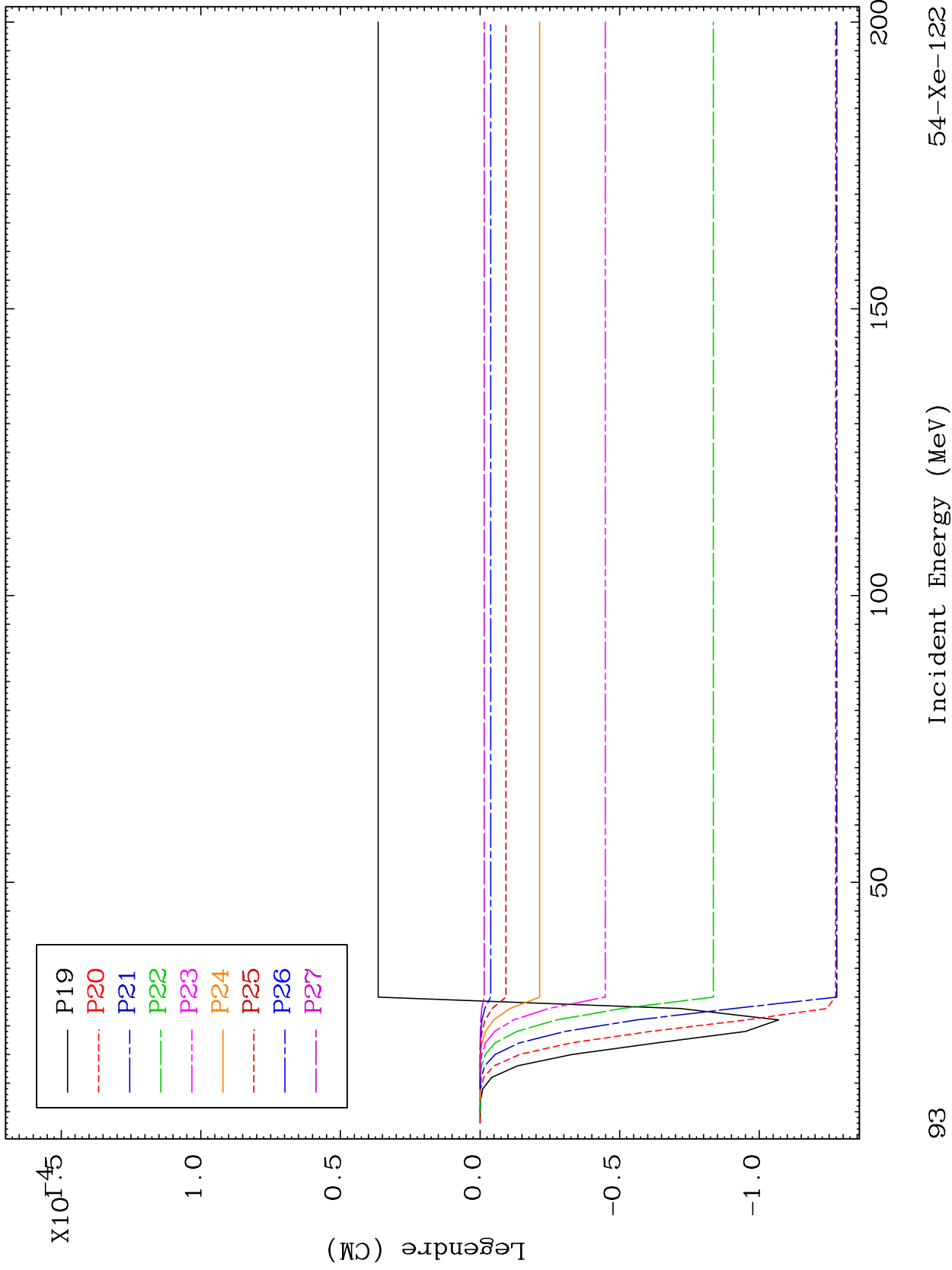
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



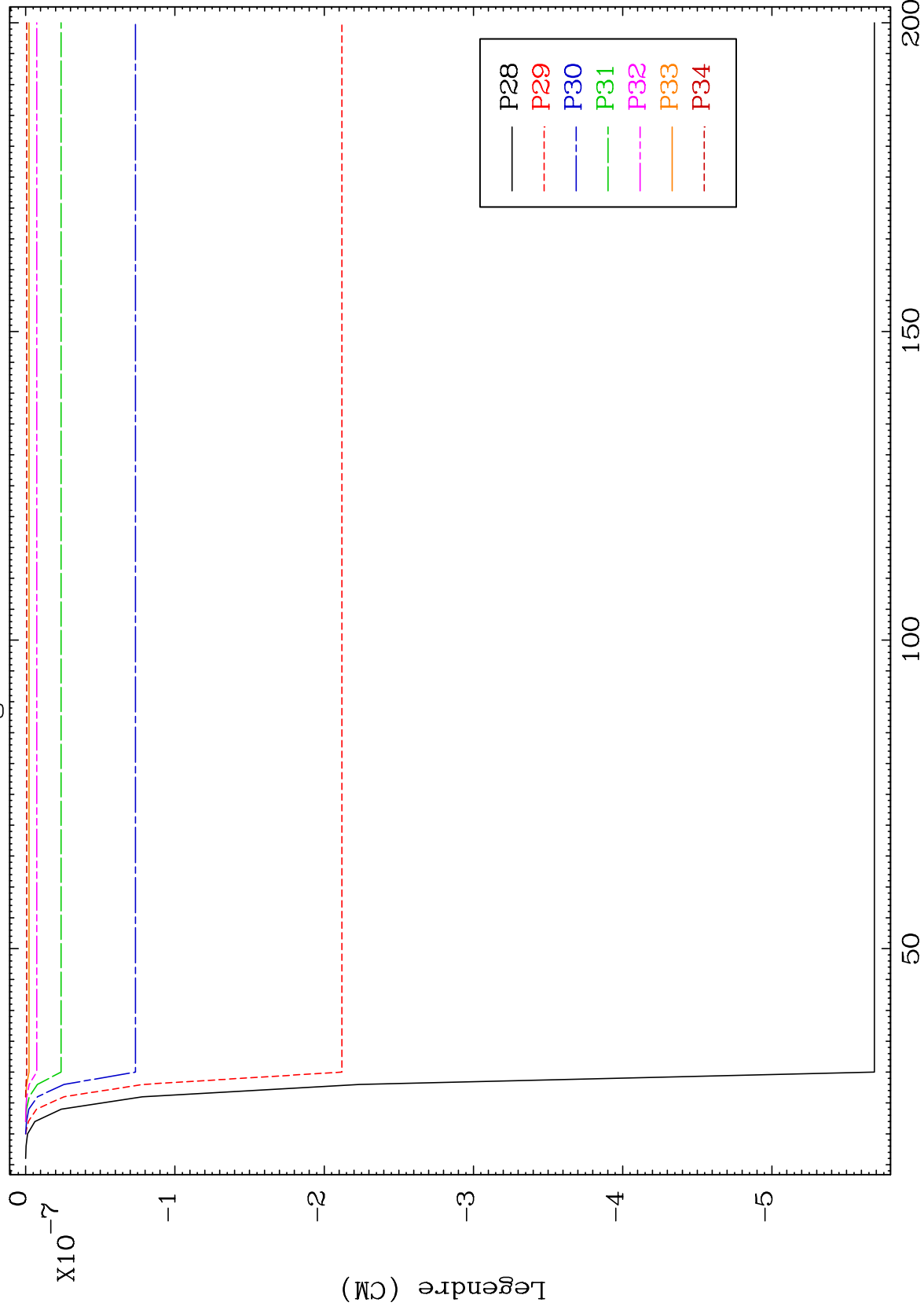
93

MAT 5419

MT= 70 (n,n') Level

54-Xe-122

Legendre Coefficients



94

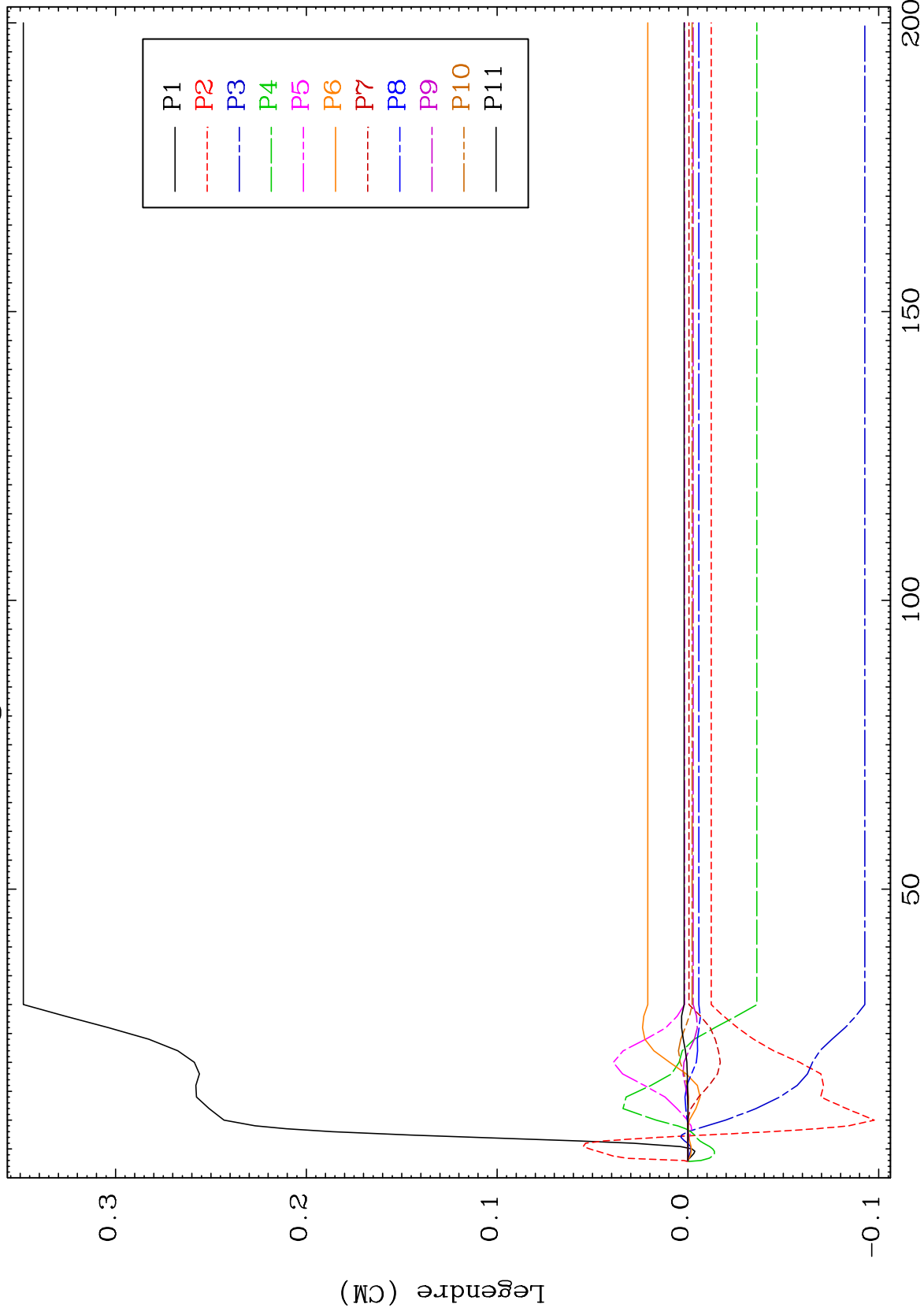
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



95

Incident Energy (MeV)

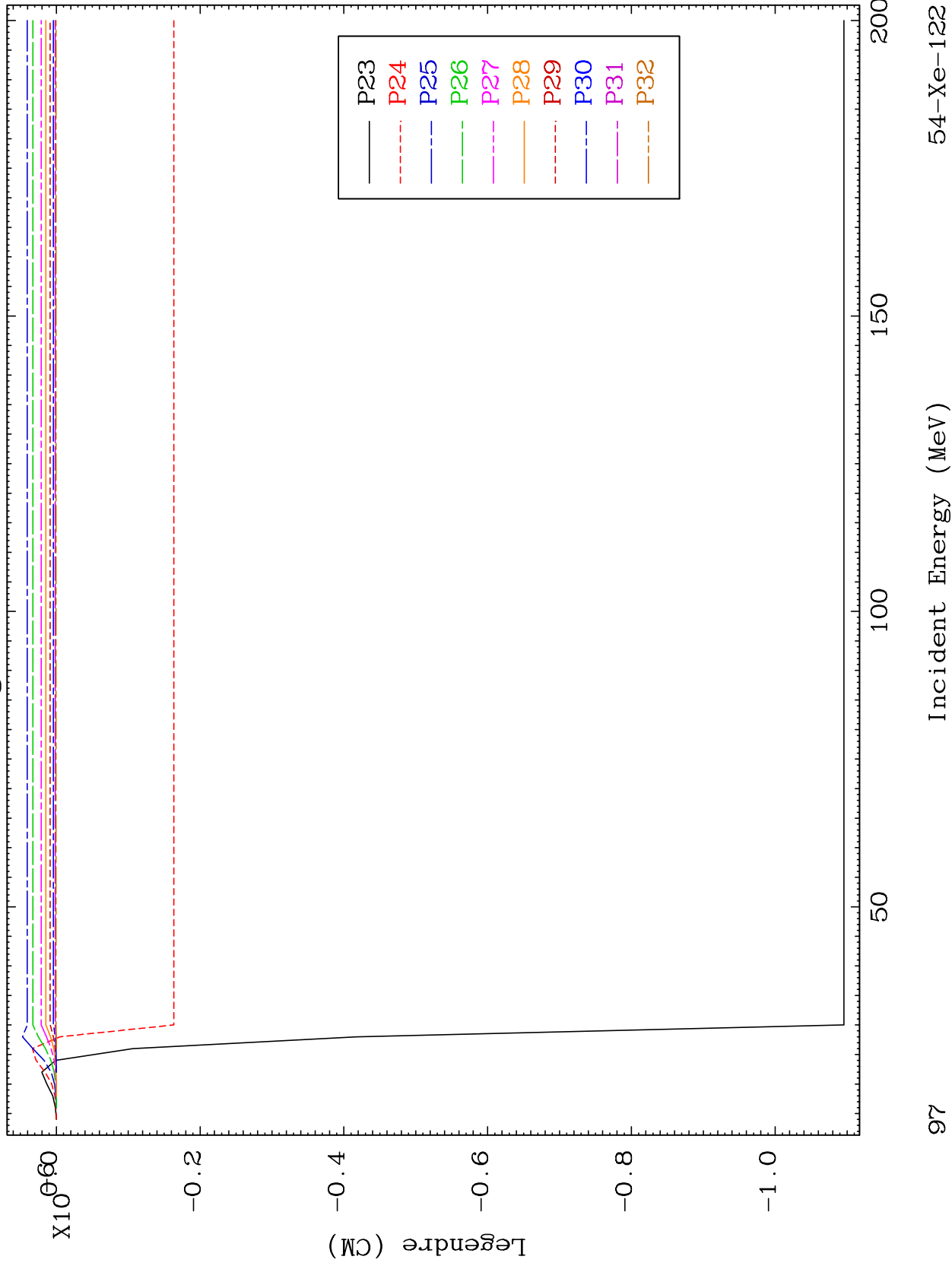
54-Xe-122



MAT 5419

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

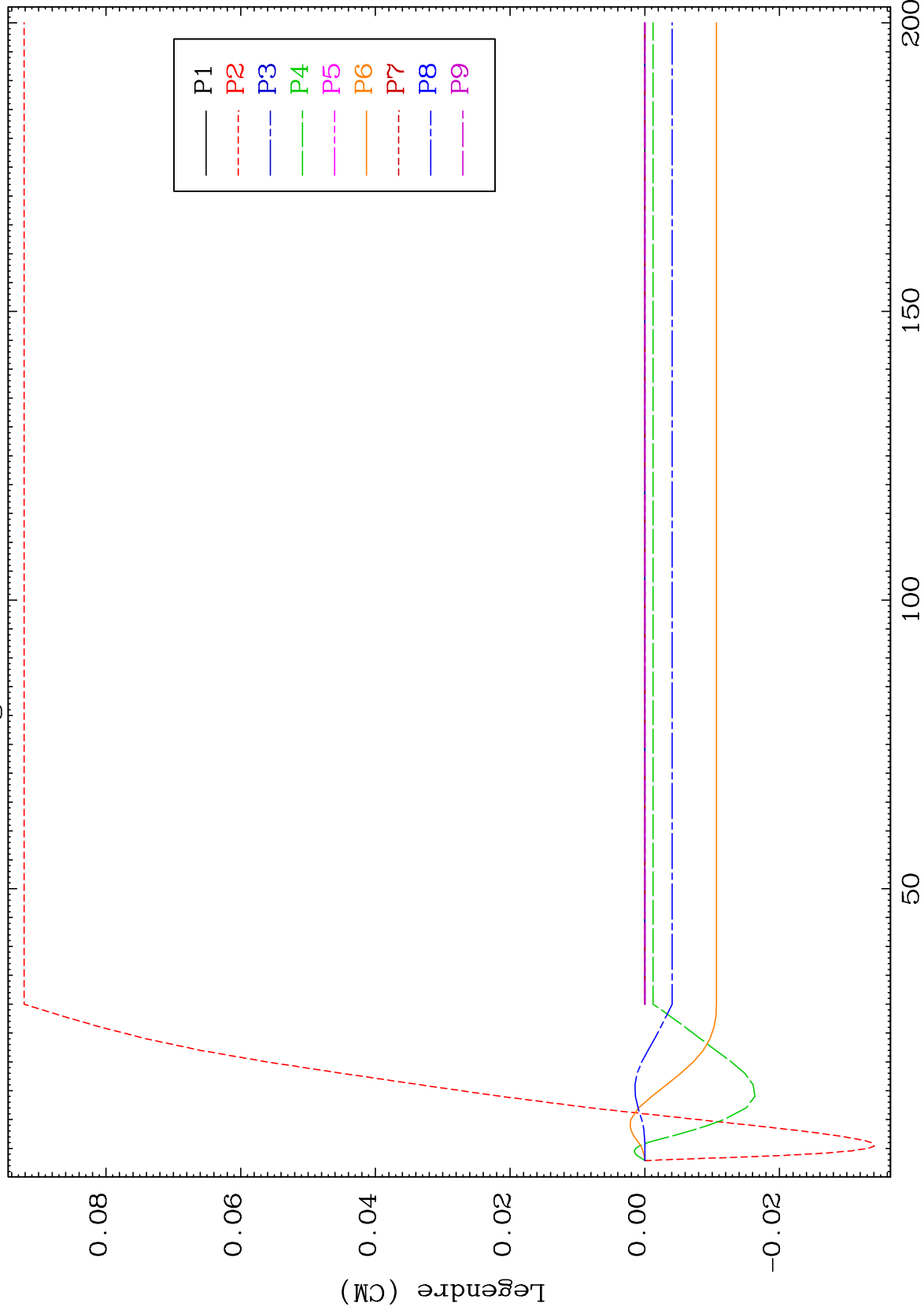
54-Xe-122



MAT 5419

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

54-Xe-122



98

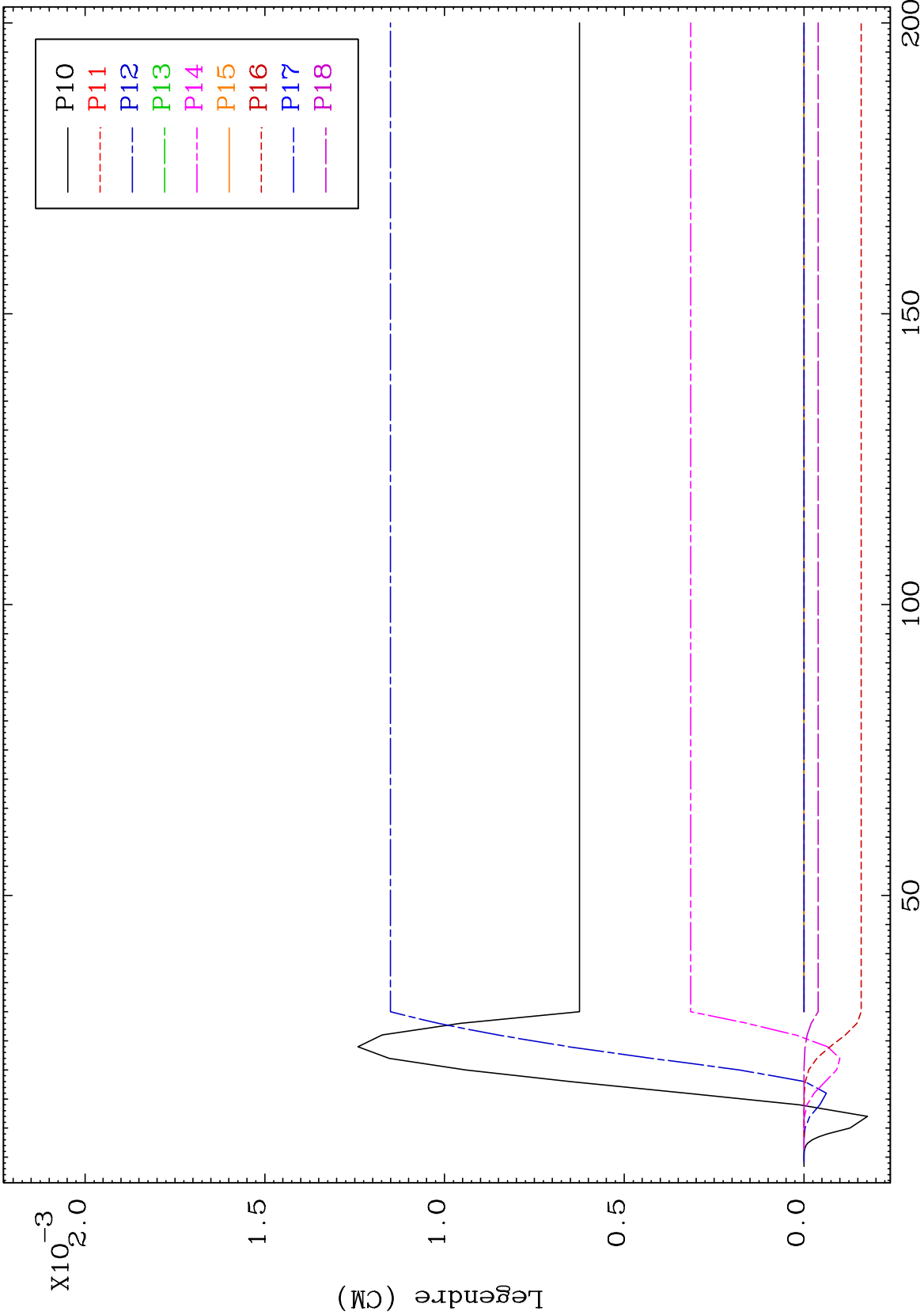
Incident Energy (MeV)

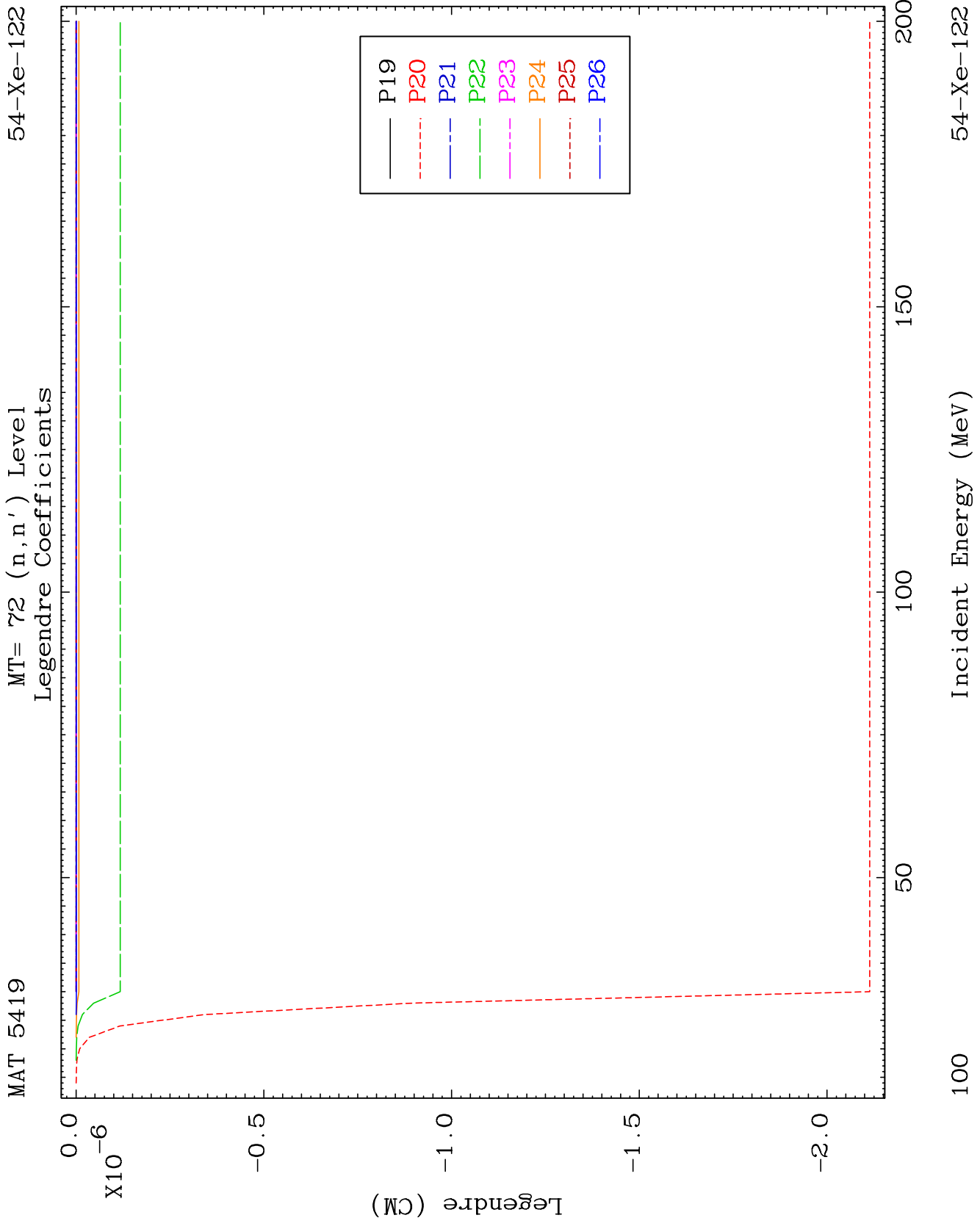
54-Xe-122

MAT 5419

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

54-Xe-122

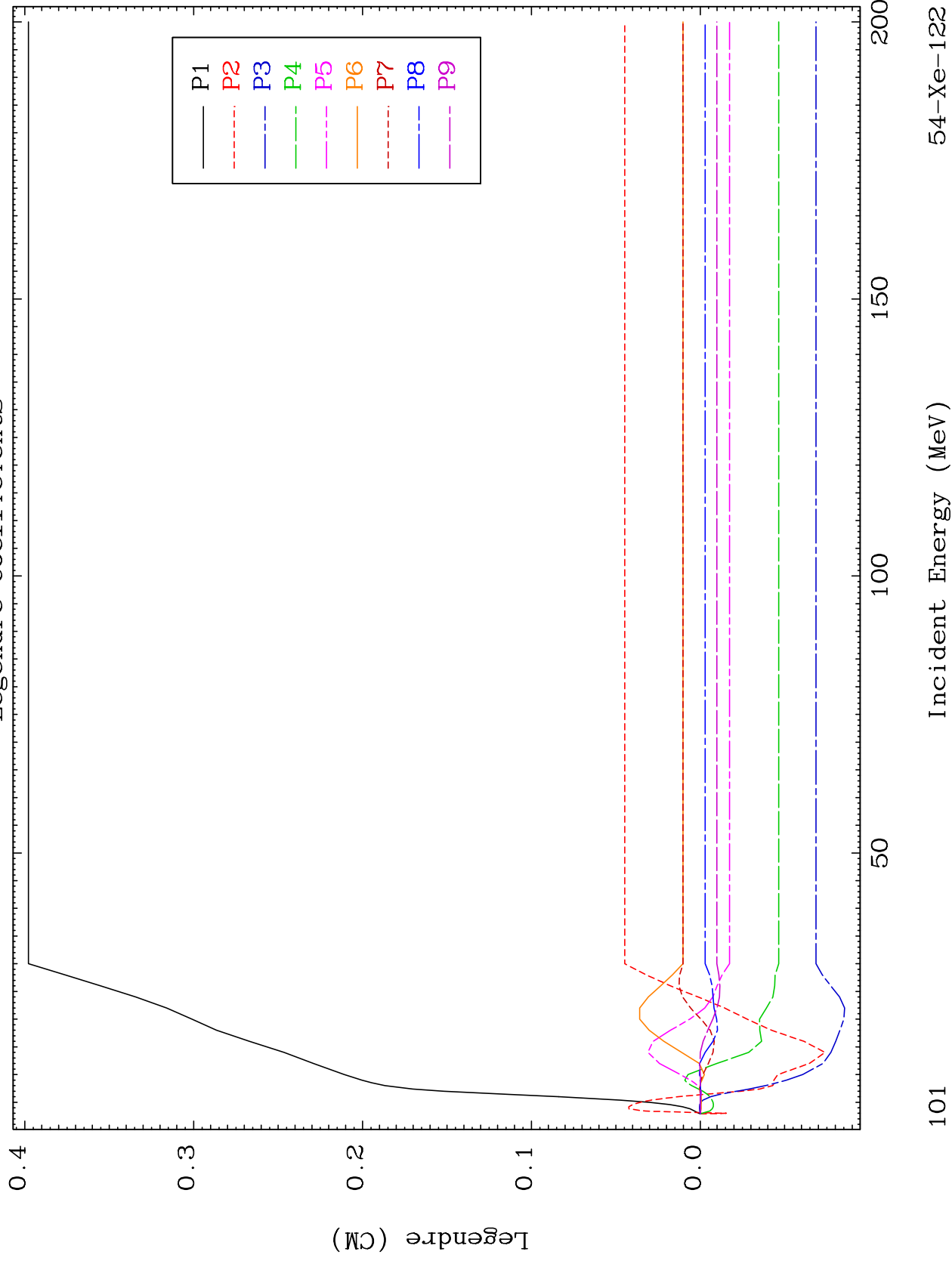




MAT 5419

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

54-Xe-122



54-Xe-122

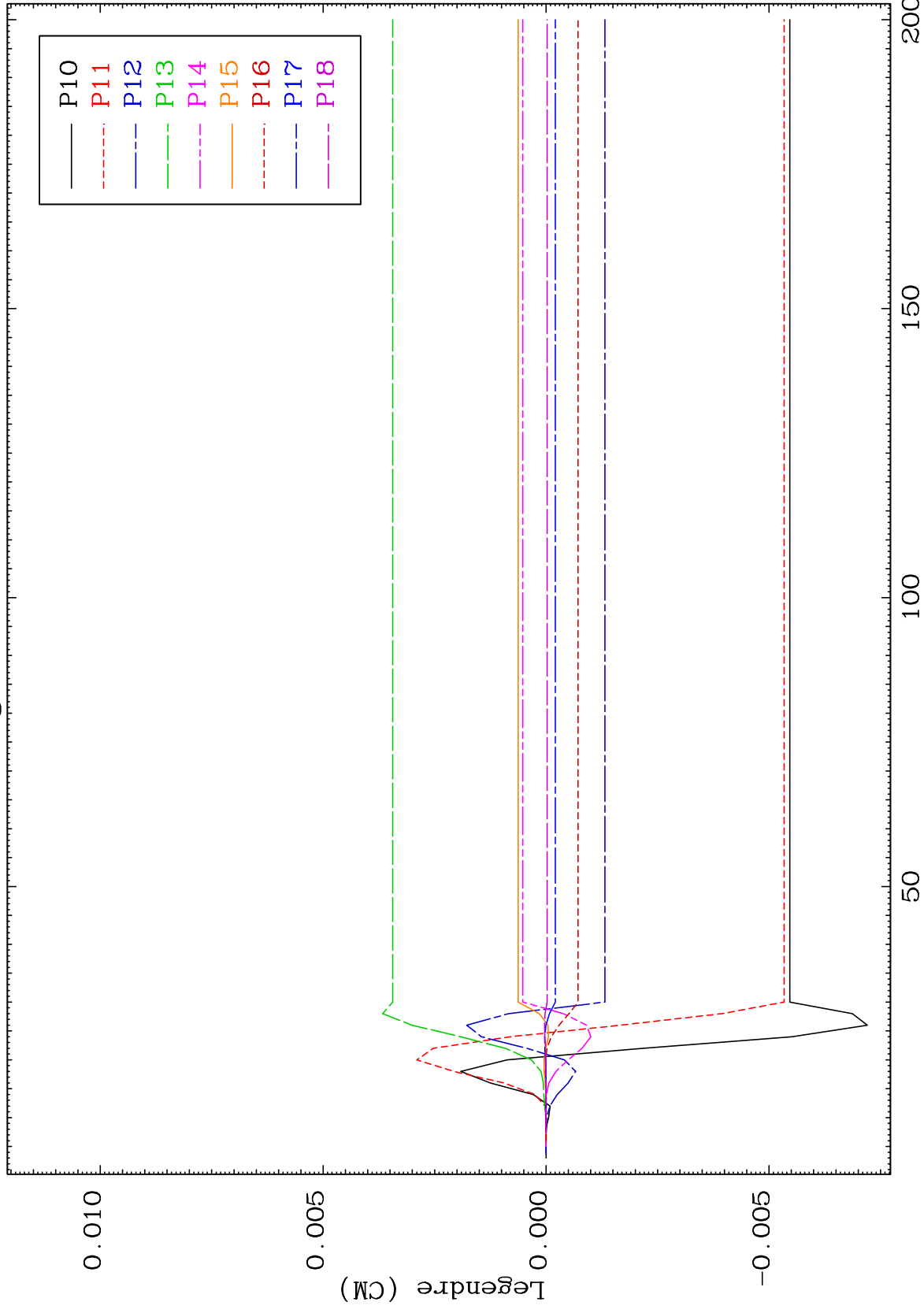
Incident Energy (MeV)

101

MAT 5419

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

54-Xe-122



102

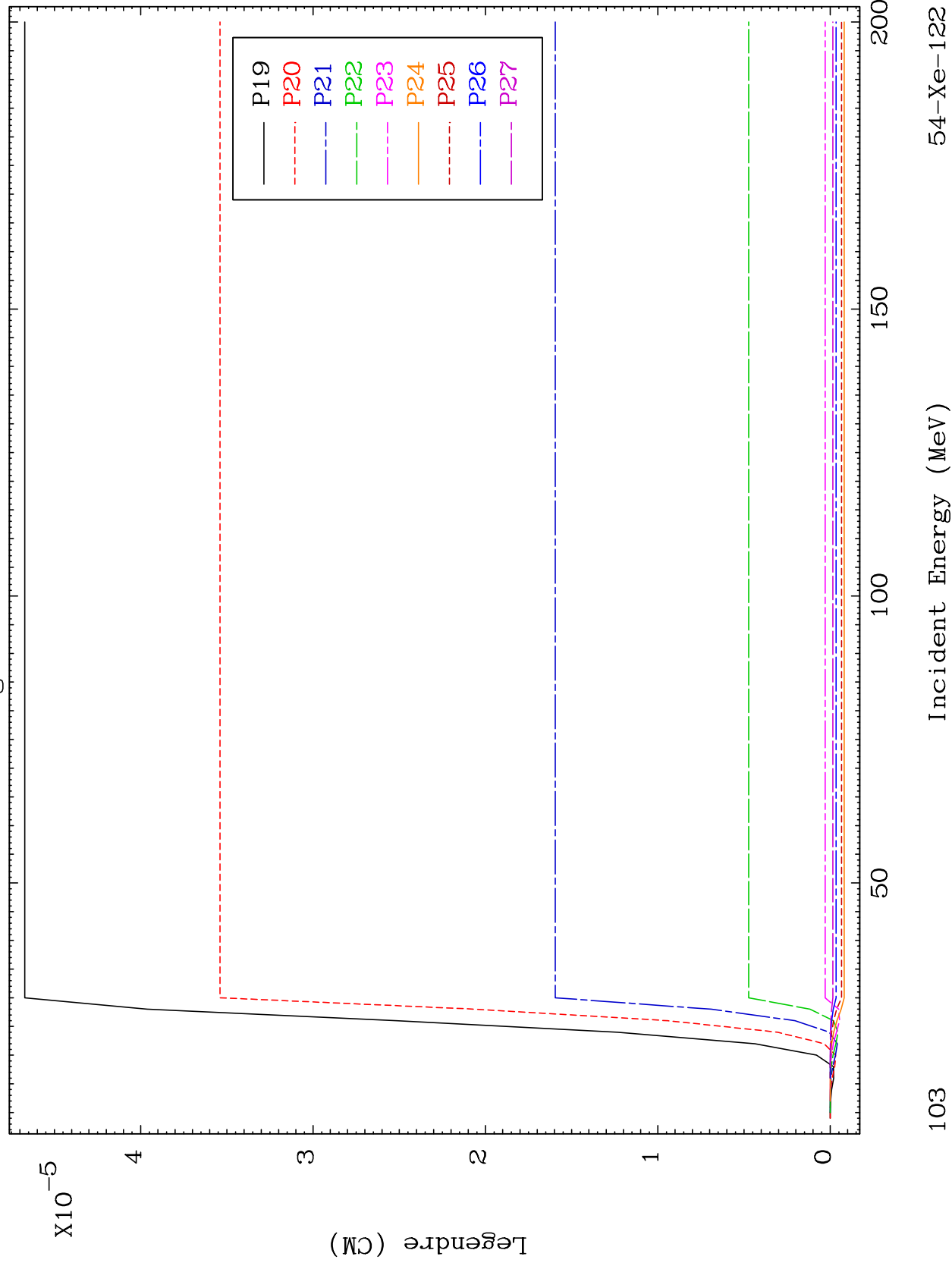
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

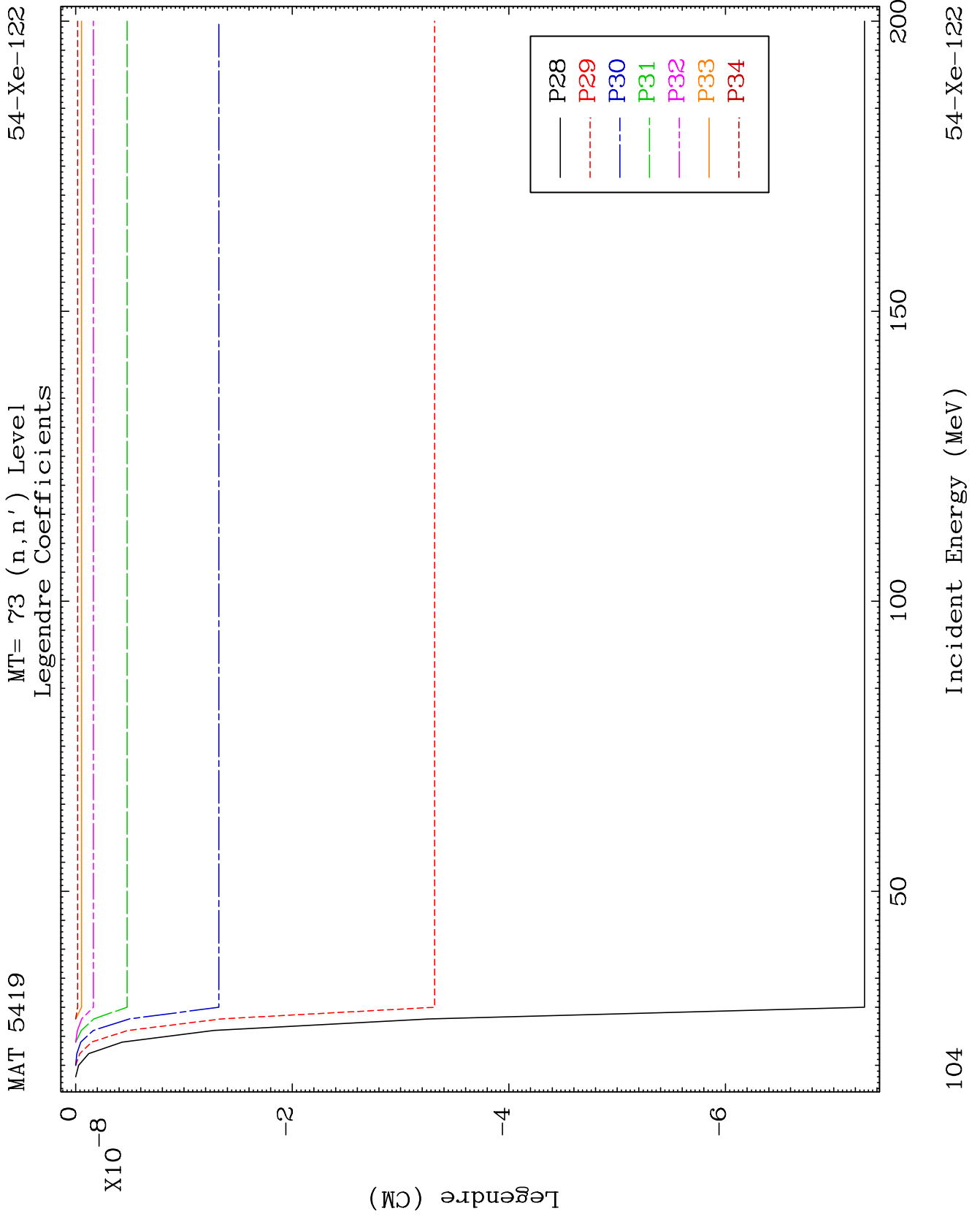
54-Xe-122



103

Incident Energy (MeV)

54-Xe-122

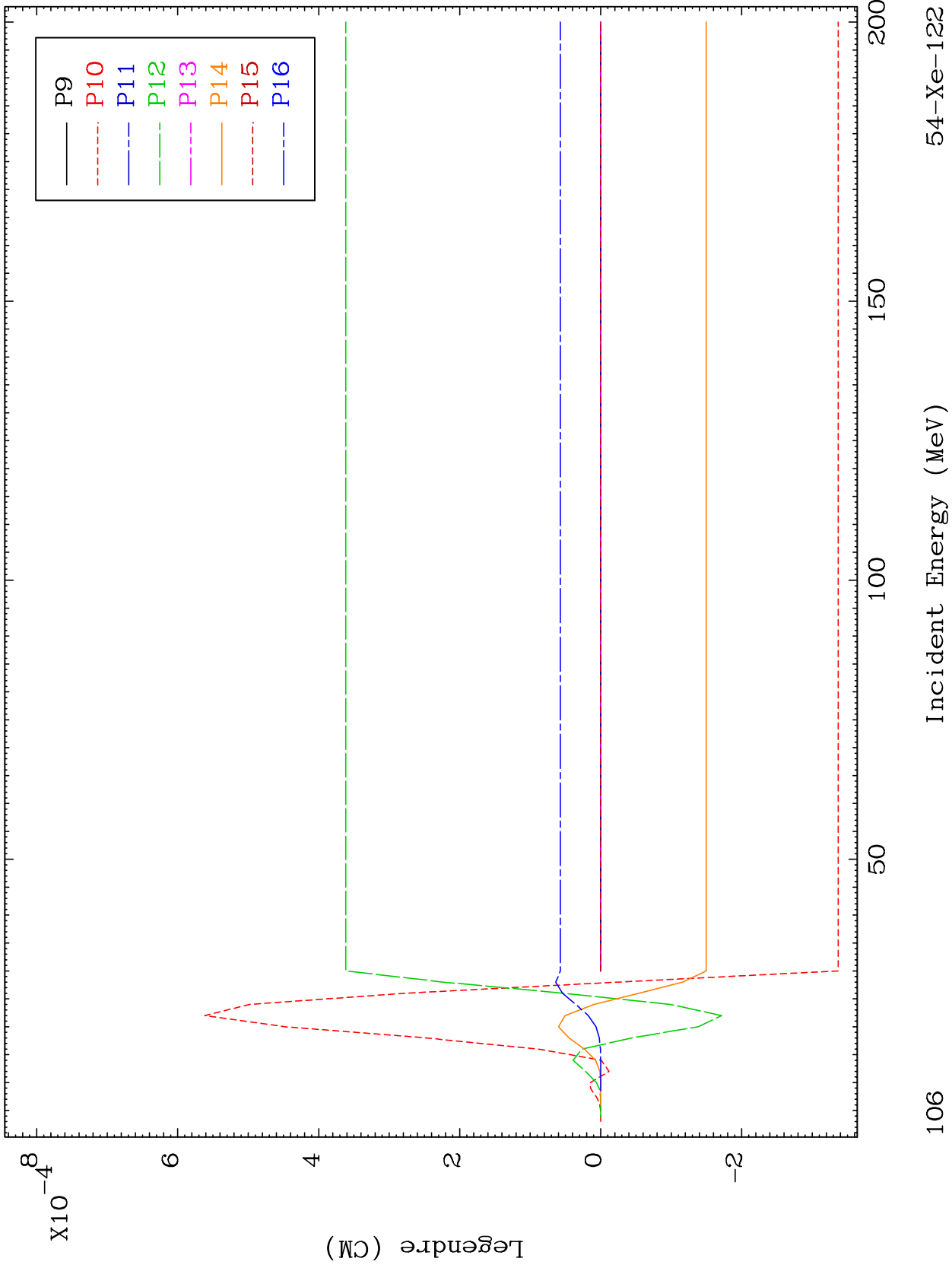




MAT 5419

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

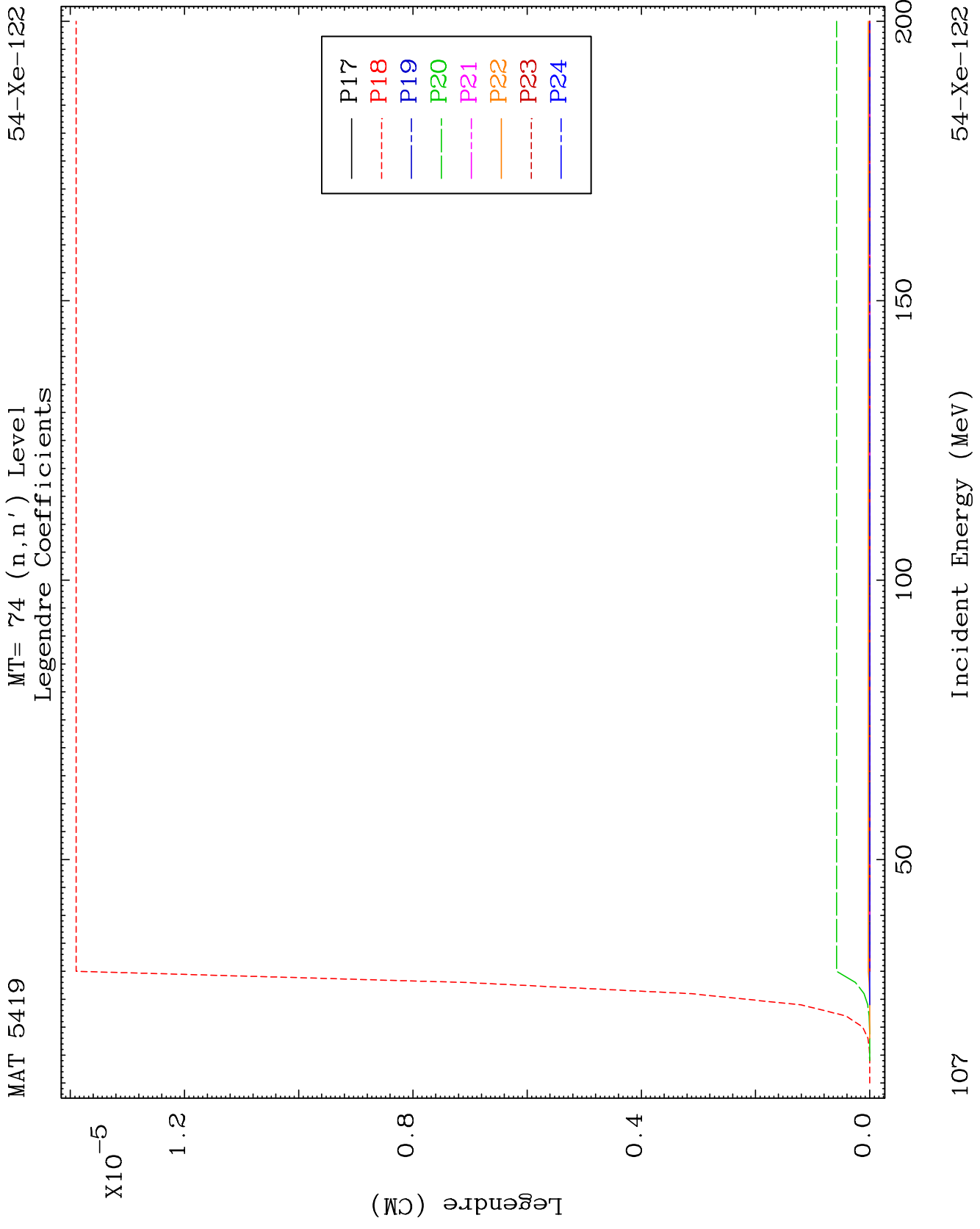
54-Xe-122



106

Incident Energy (MeV)

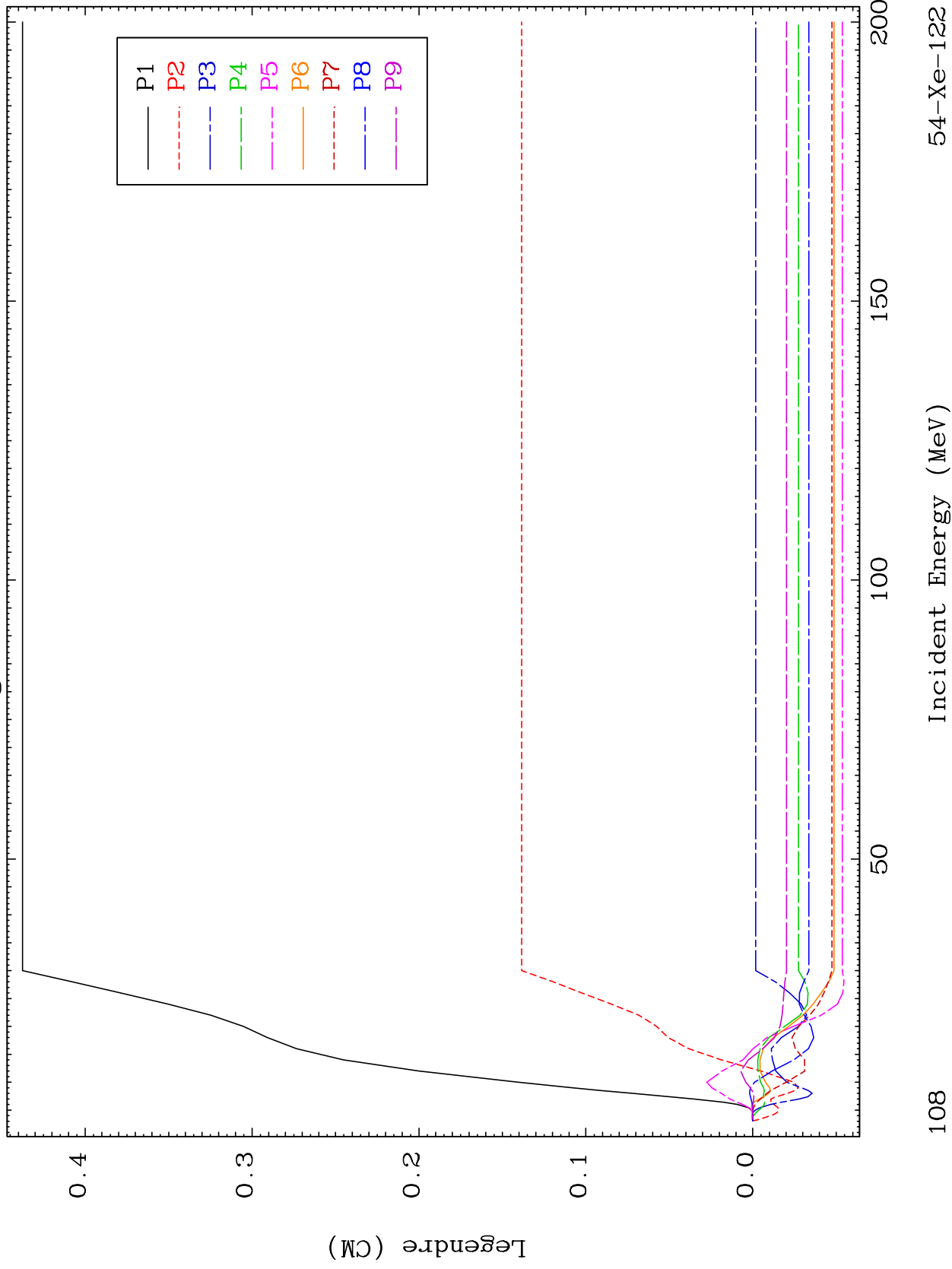
54-Xe-122



MAT 5419

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

54-Xe-122



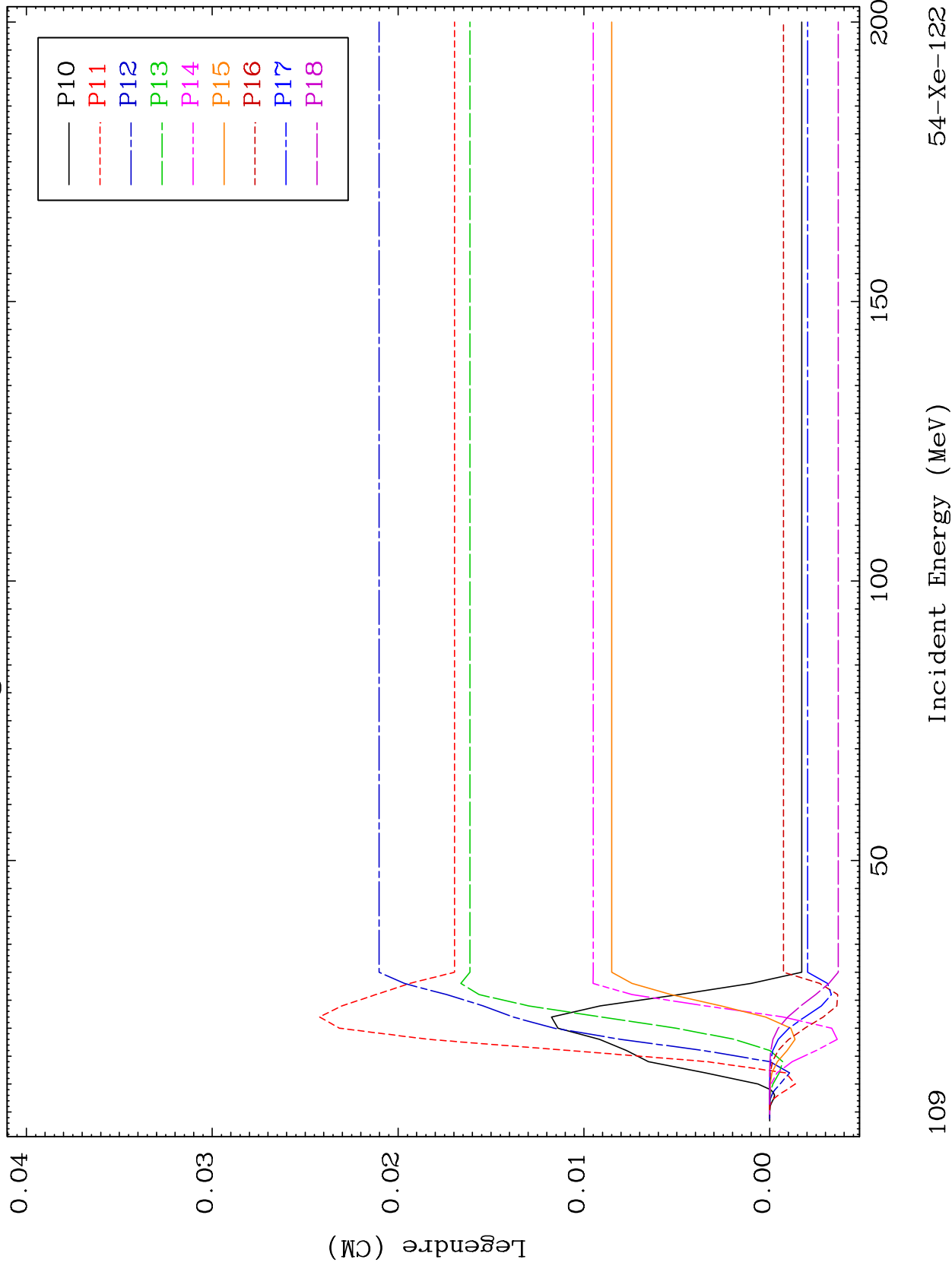
108

54-Xe-122

MAT 5419

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

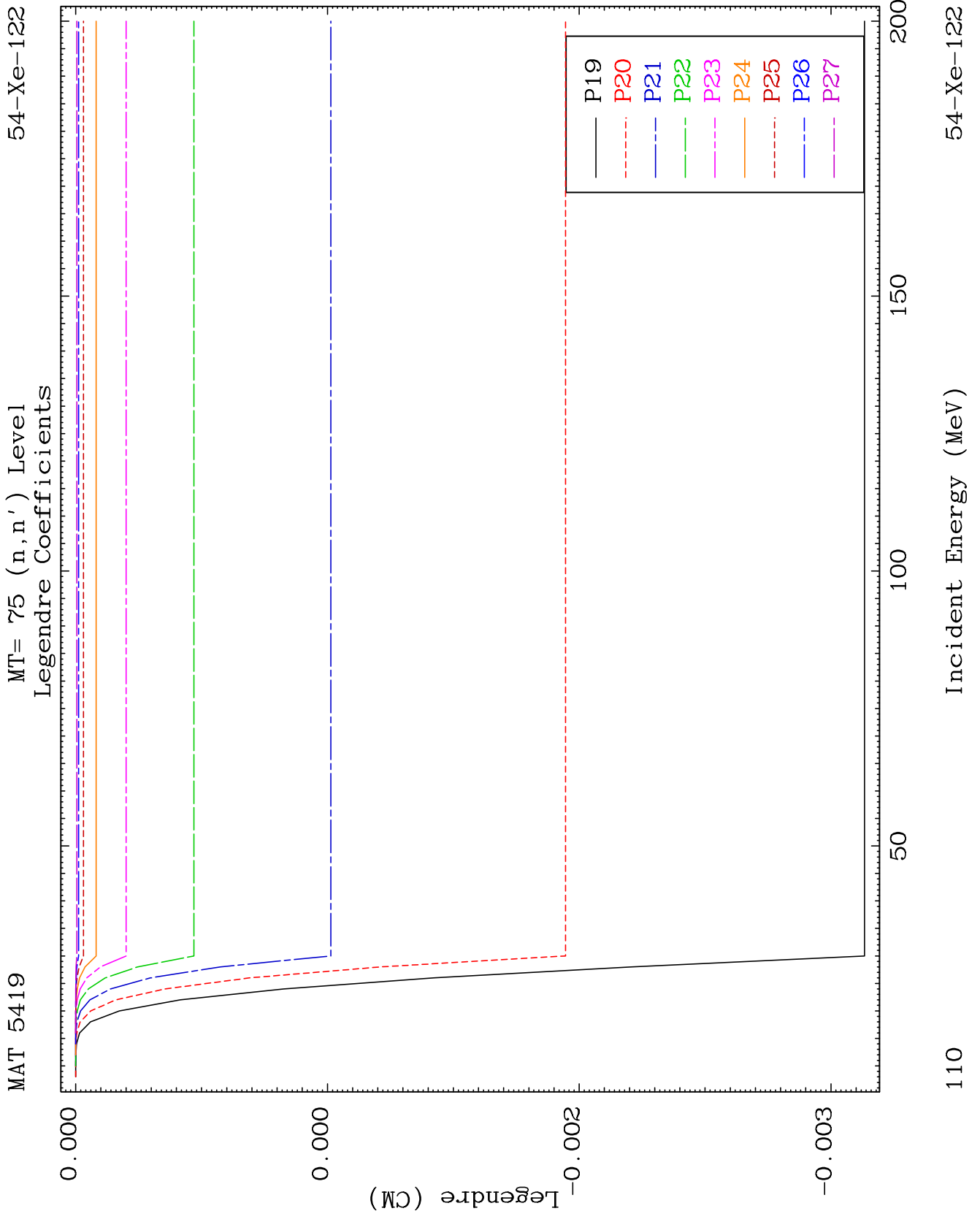
54-Xe-122

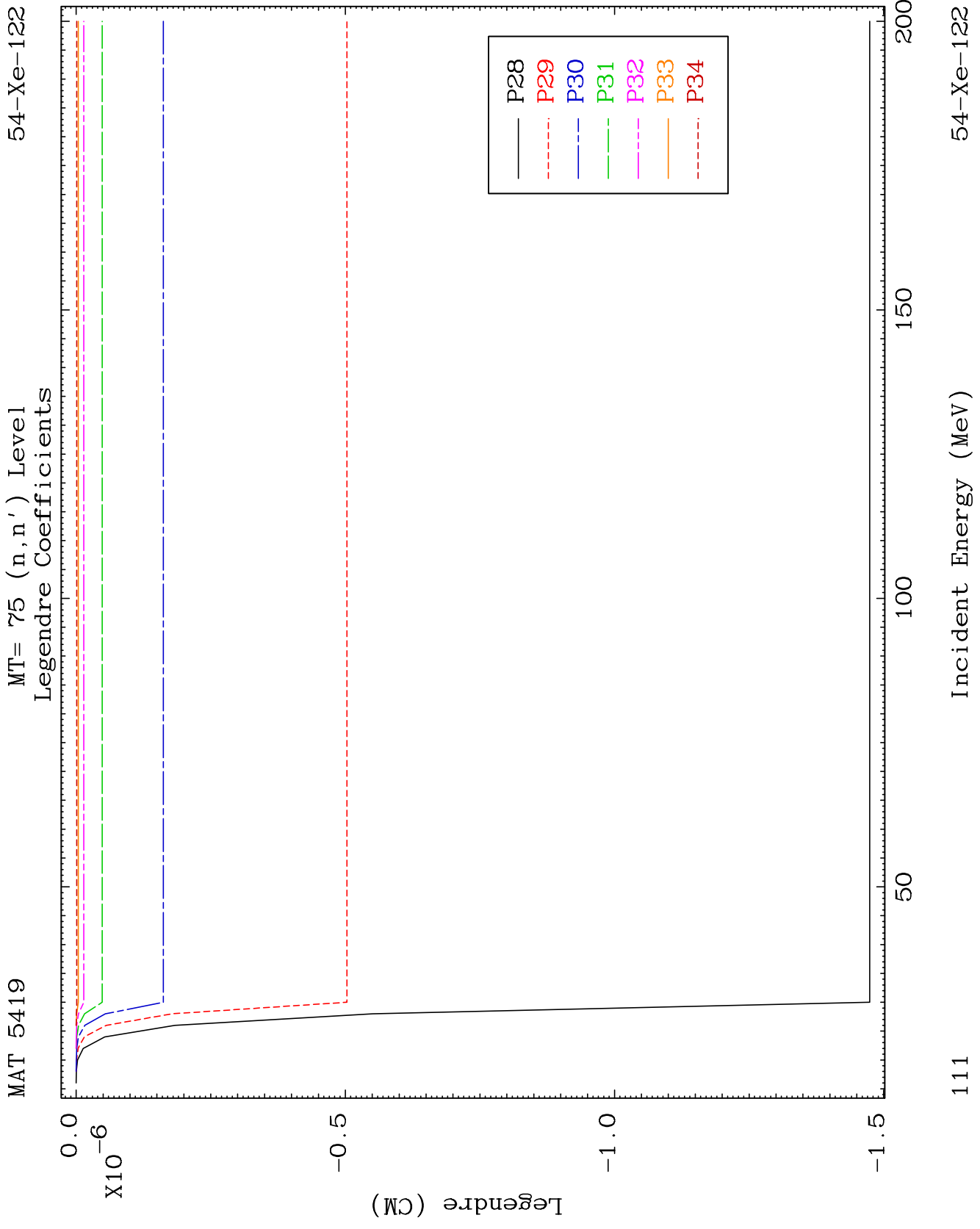


109

Incident Energy (MeV)

54-Xe-122

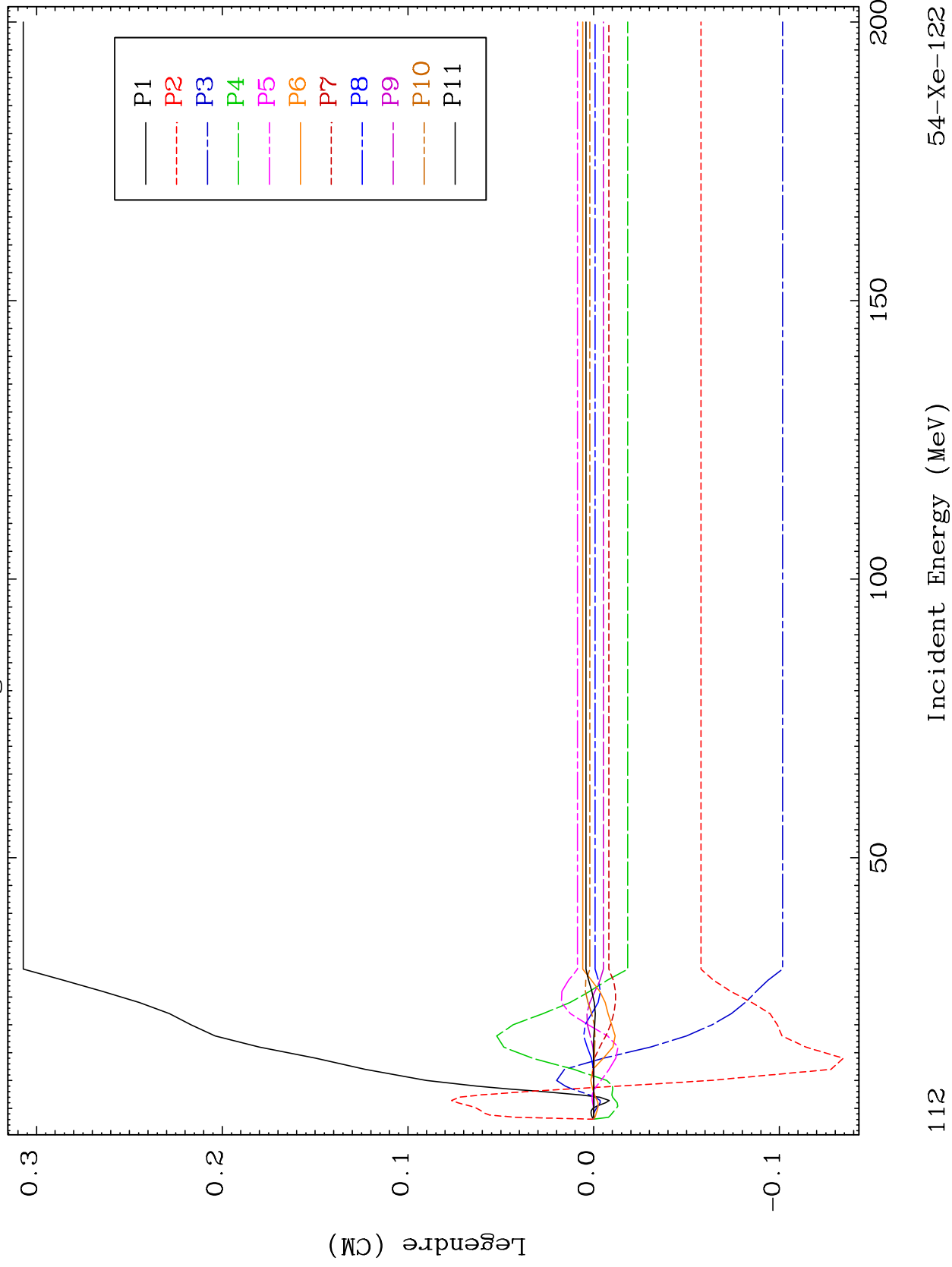




MAT 5419

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

54-Xe-122



54-Xe-122

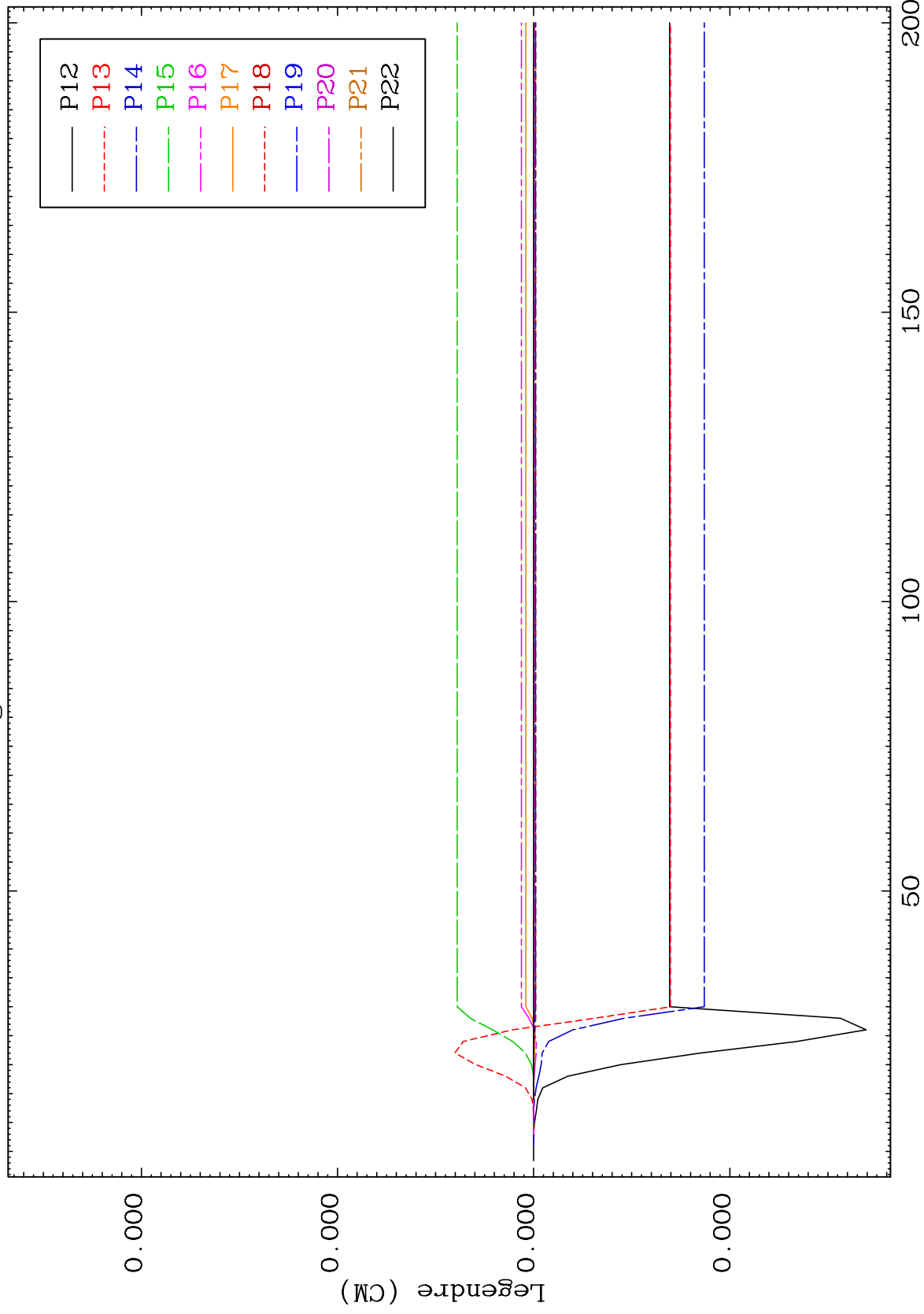
Incident Energy (MeV)

112

MAT 5419

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

54-Xe-122



113

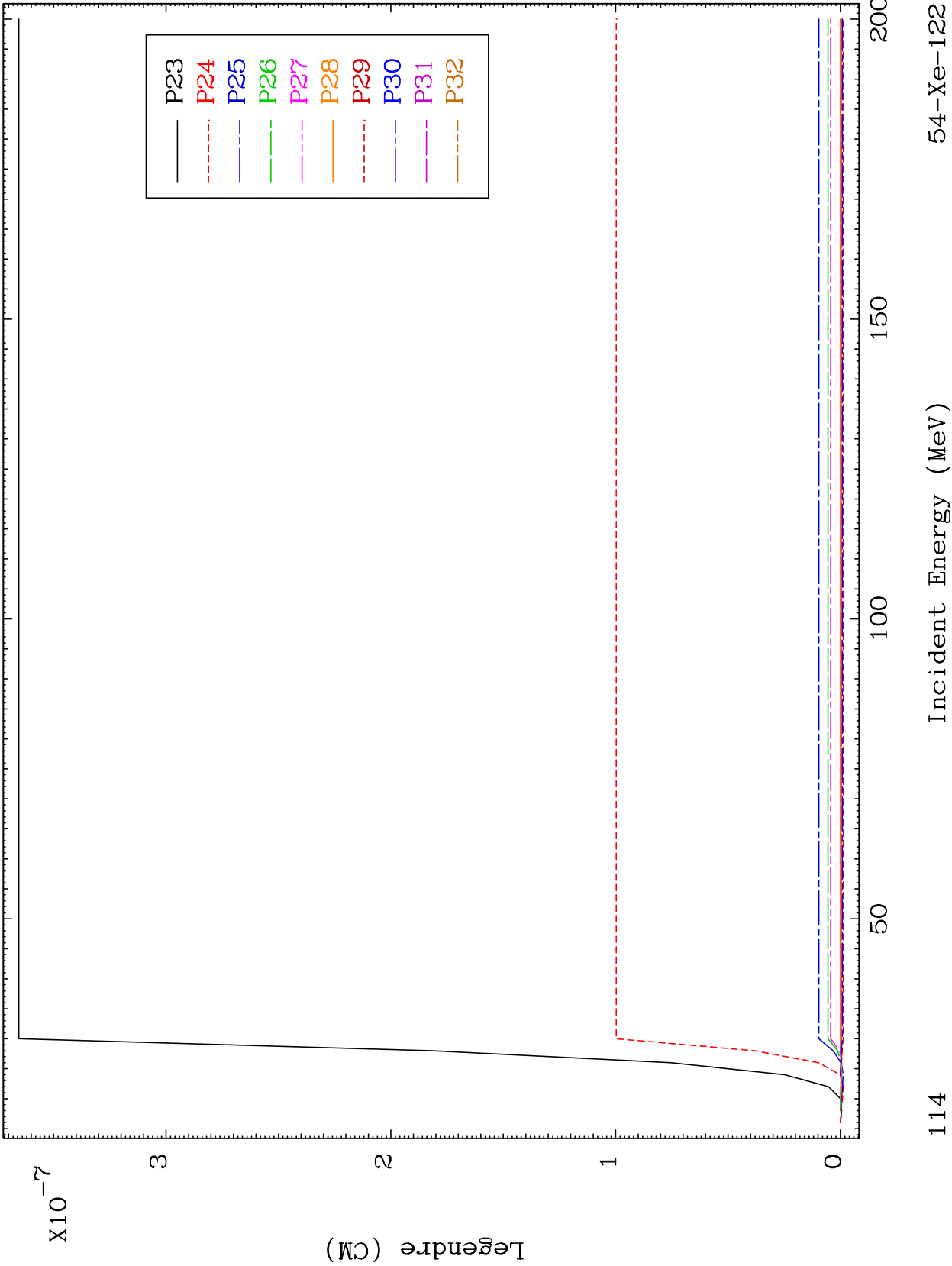
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



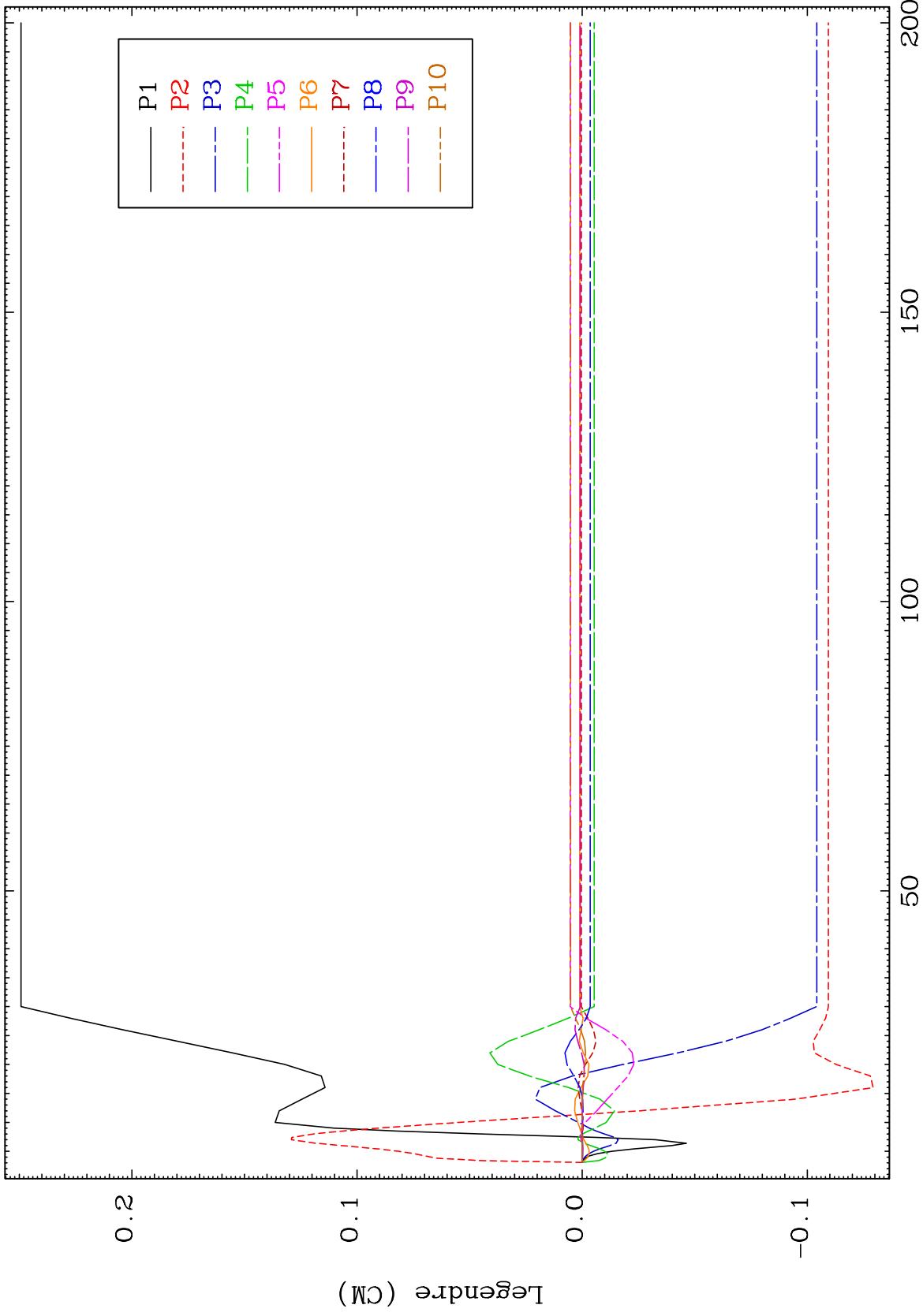
114

54-Xe-122

MAT 5419

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

54-Xe-122



115

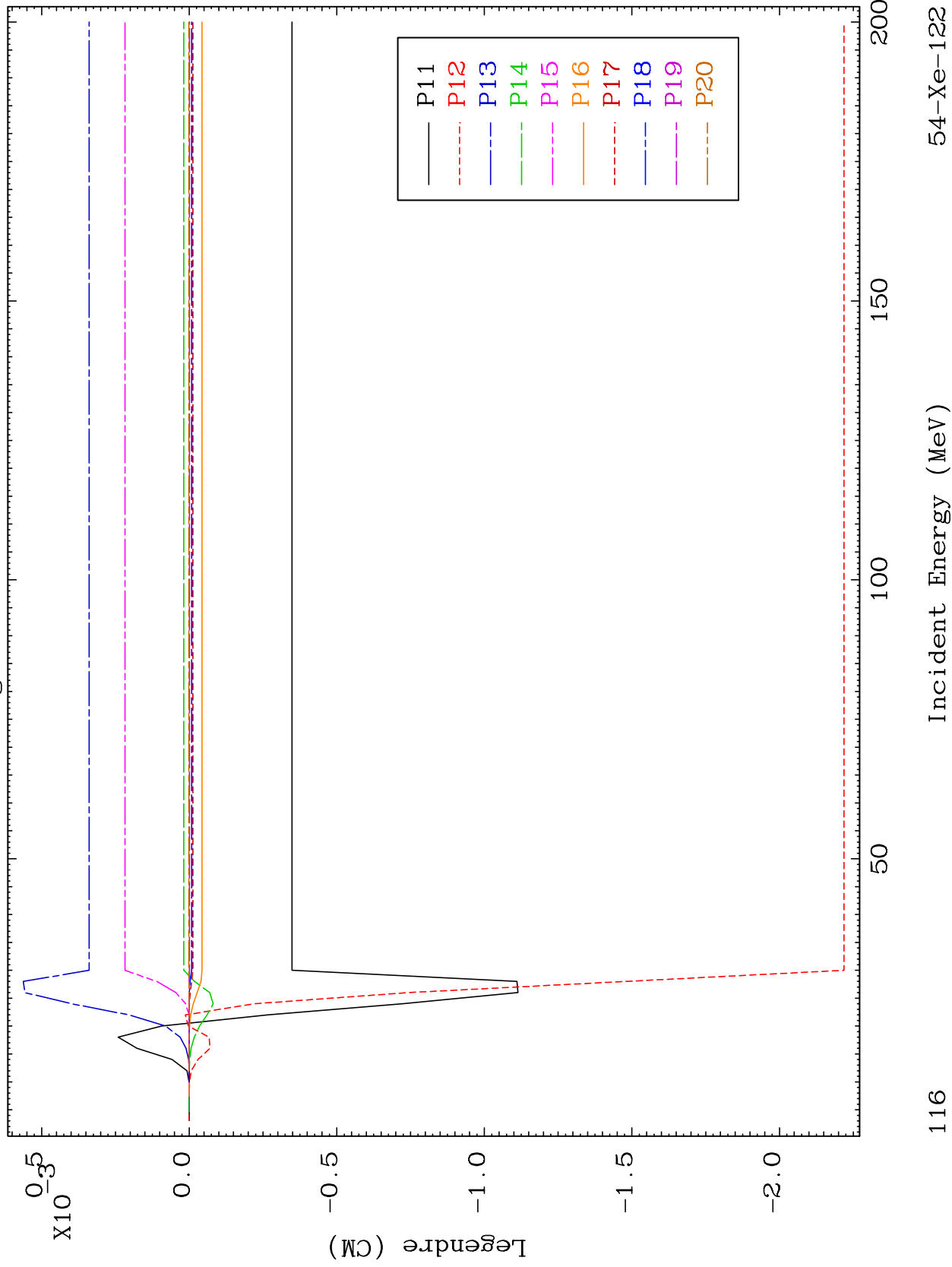
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

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



116

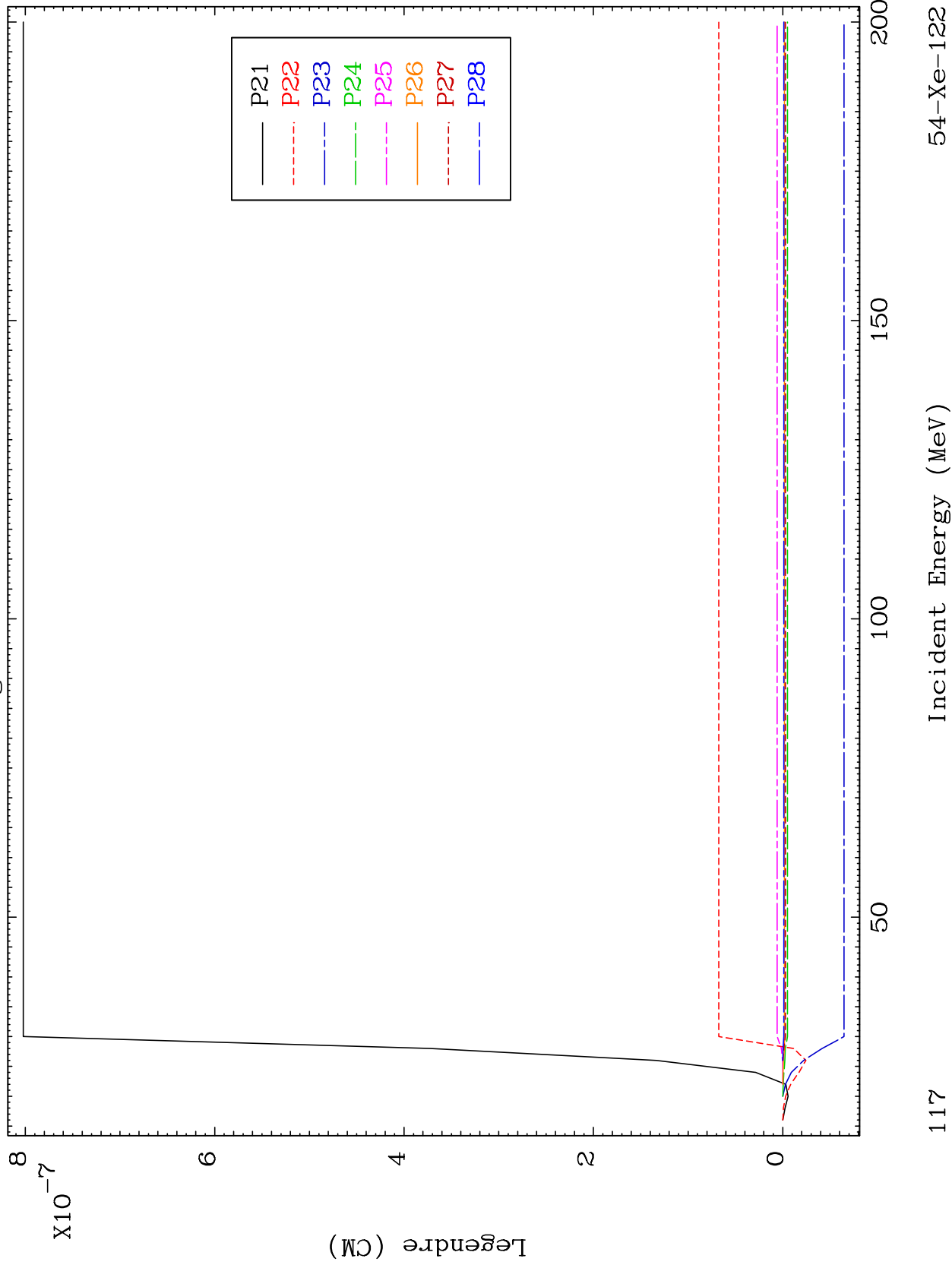
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

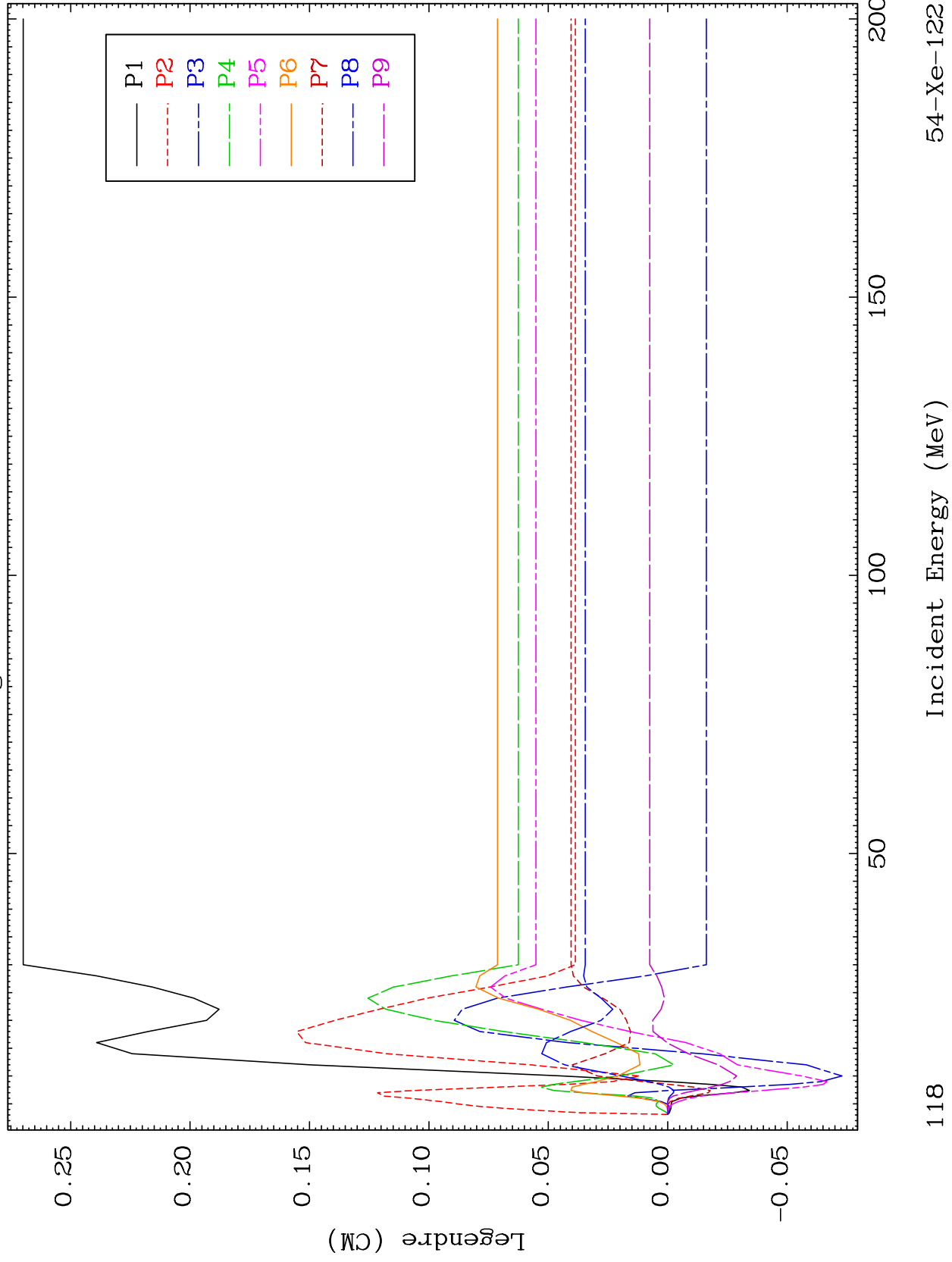
54-Xe-122



MAT 5419

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

54-Xe-122



118

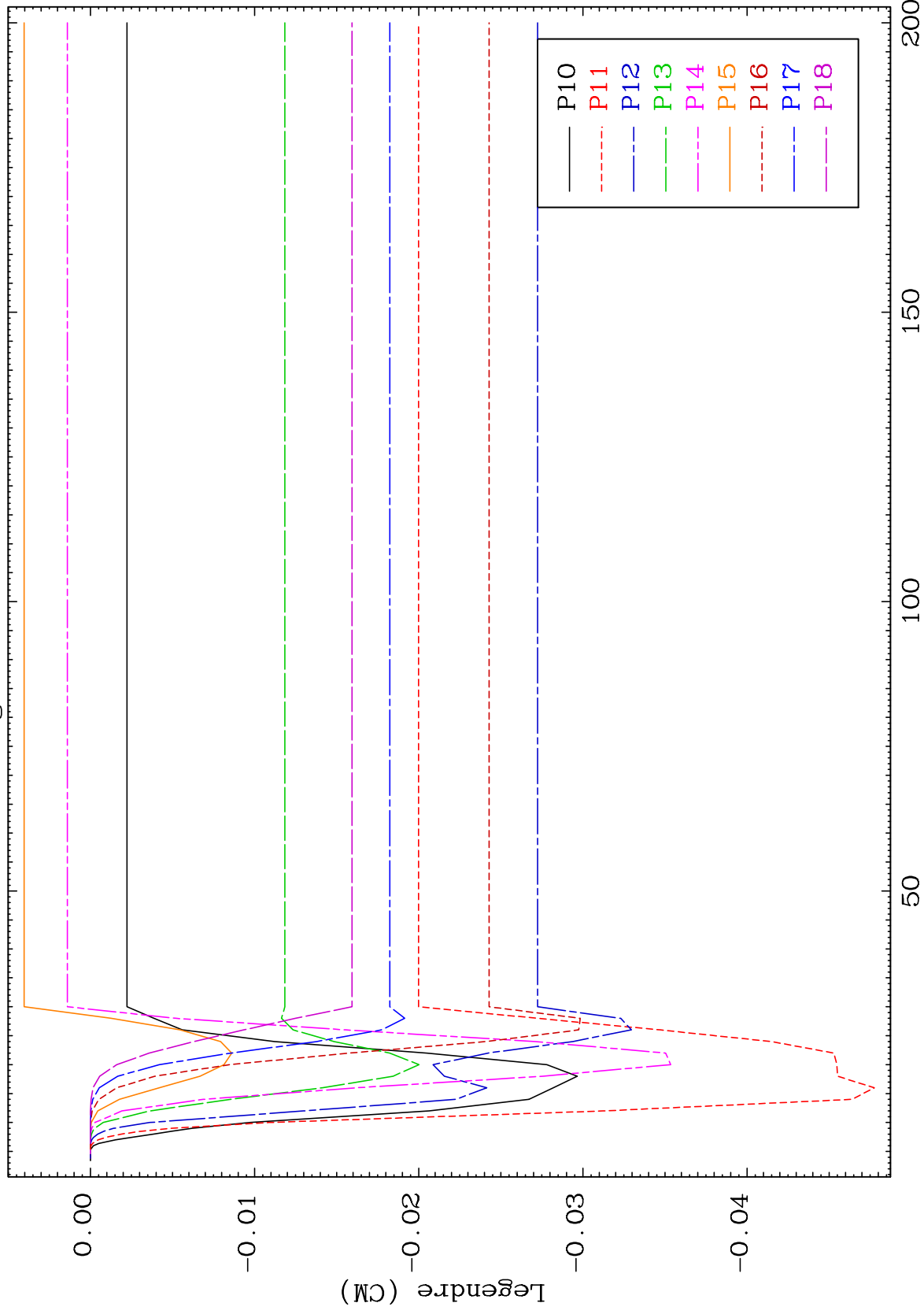
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



119

Incident Energy (MeV)

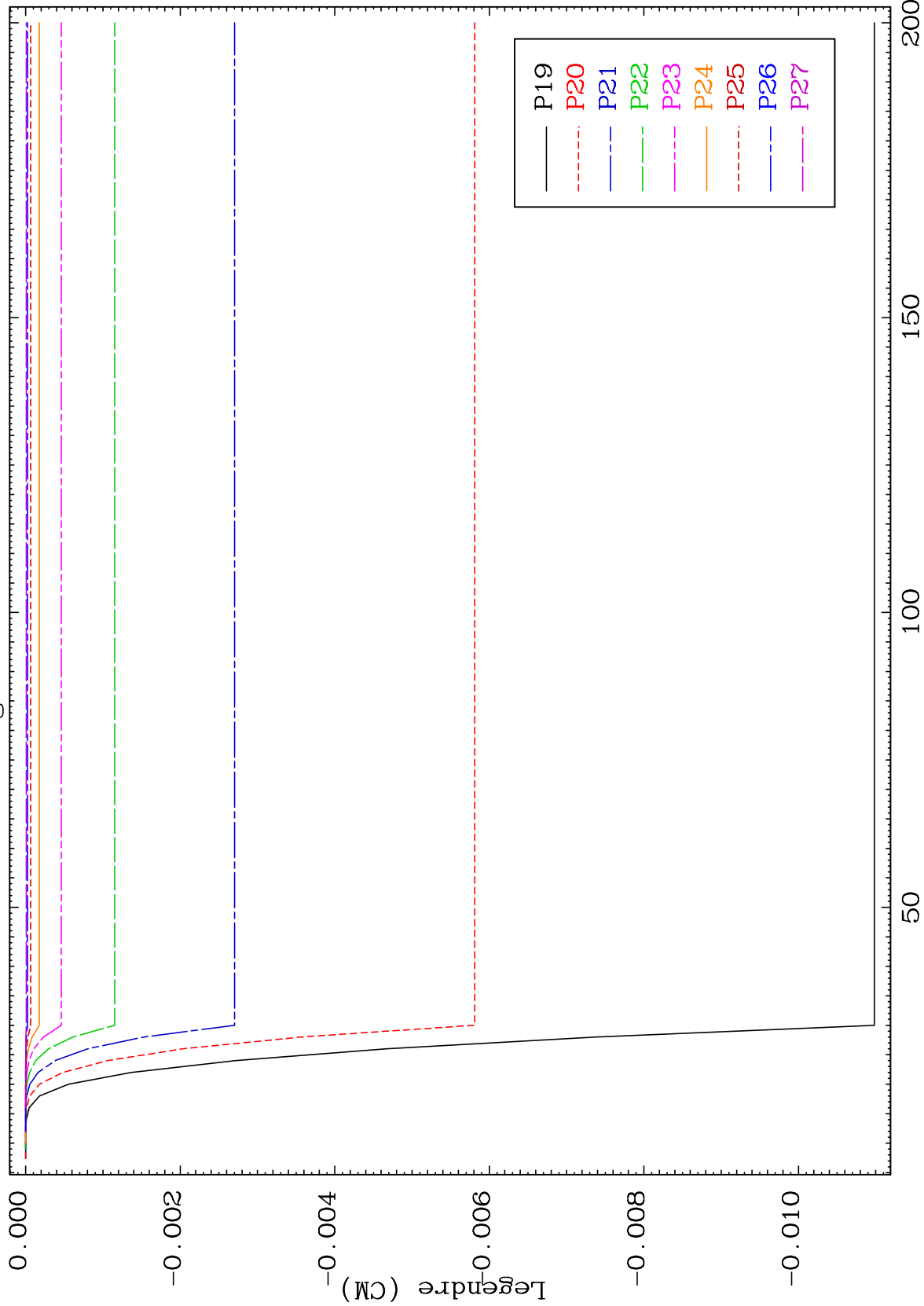
54-Xe-122

MAT 5419

MT= 78 (n,n') Level

54-Xe-122

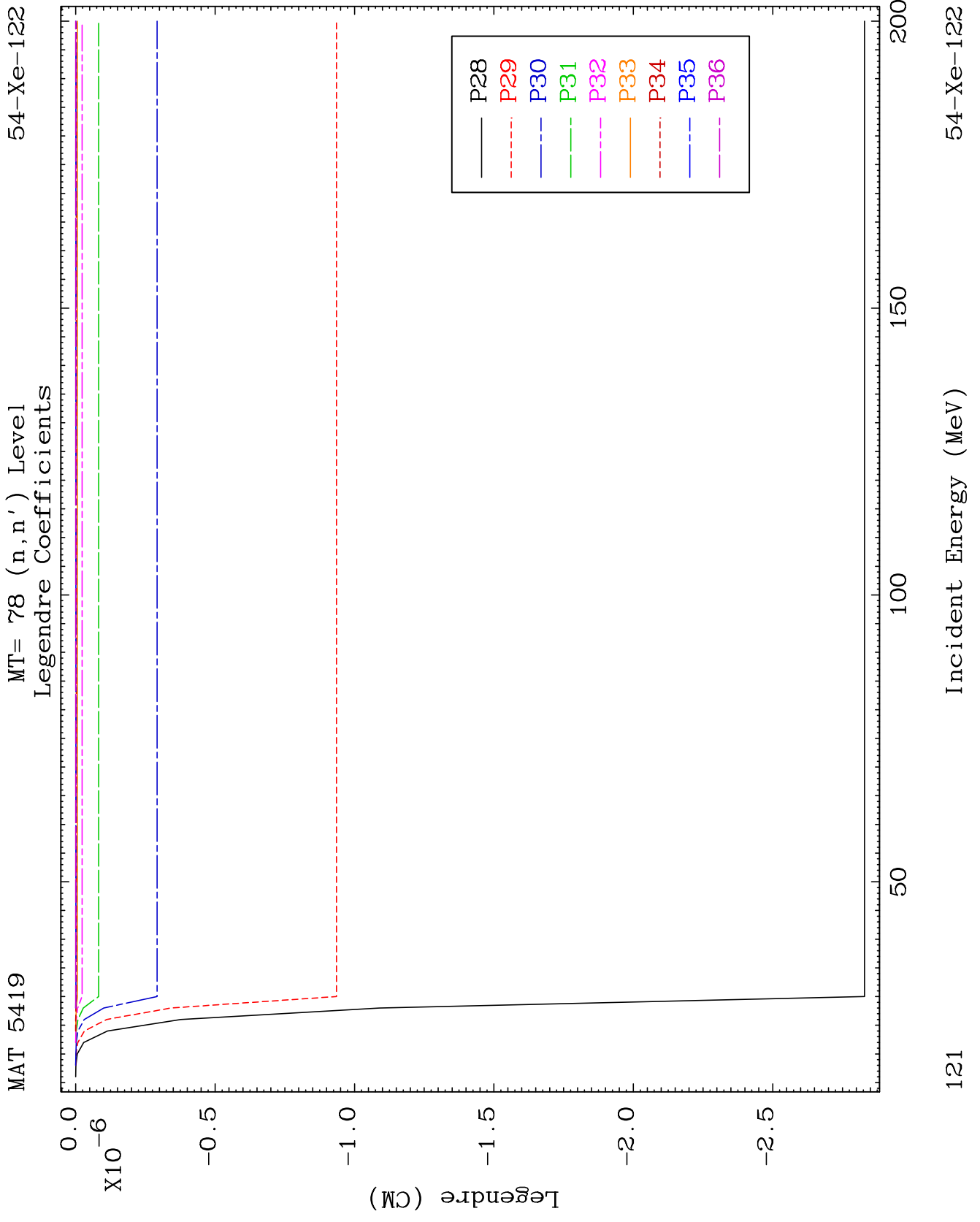
Legendre Coefficients



54-Xe-122

Incident Energy (MeV)

120

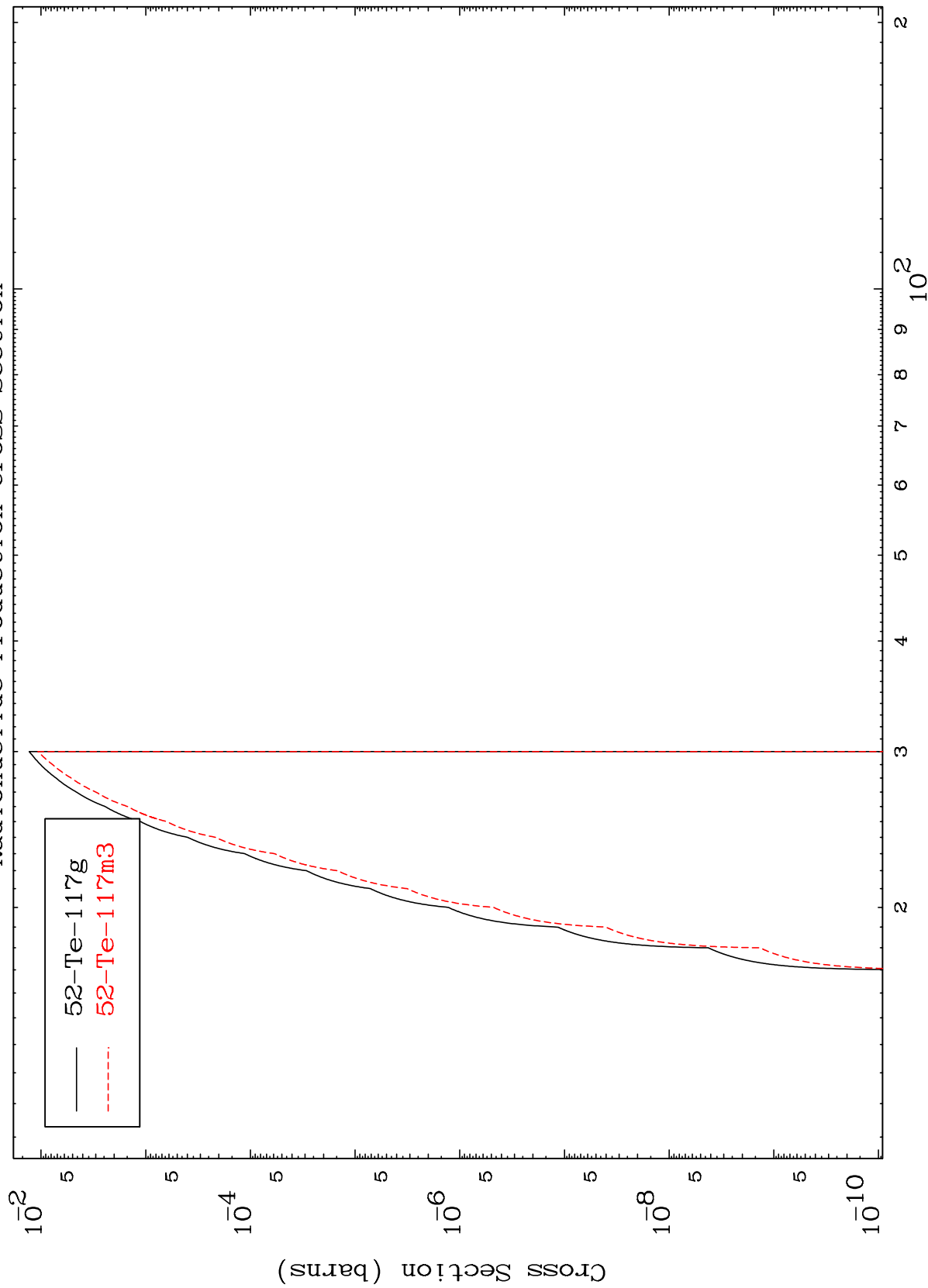


MAT 5419

(n,2n)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



122

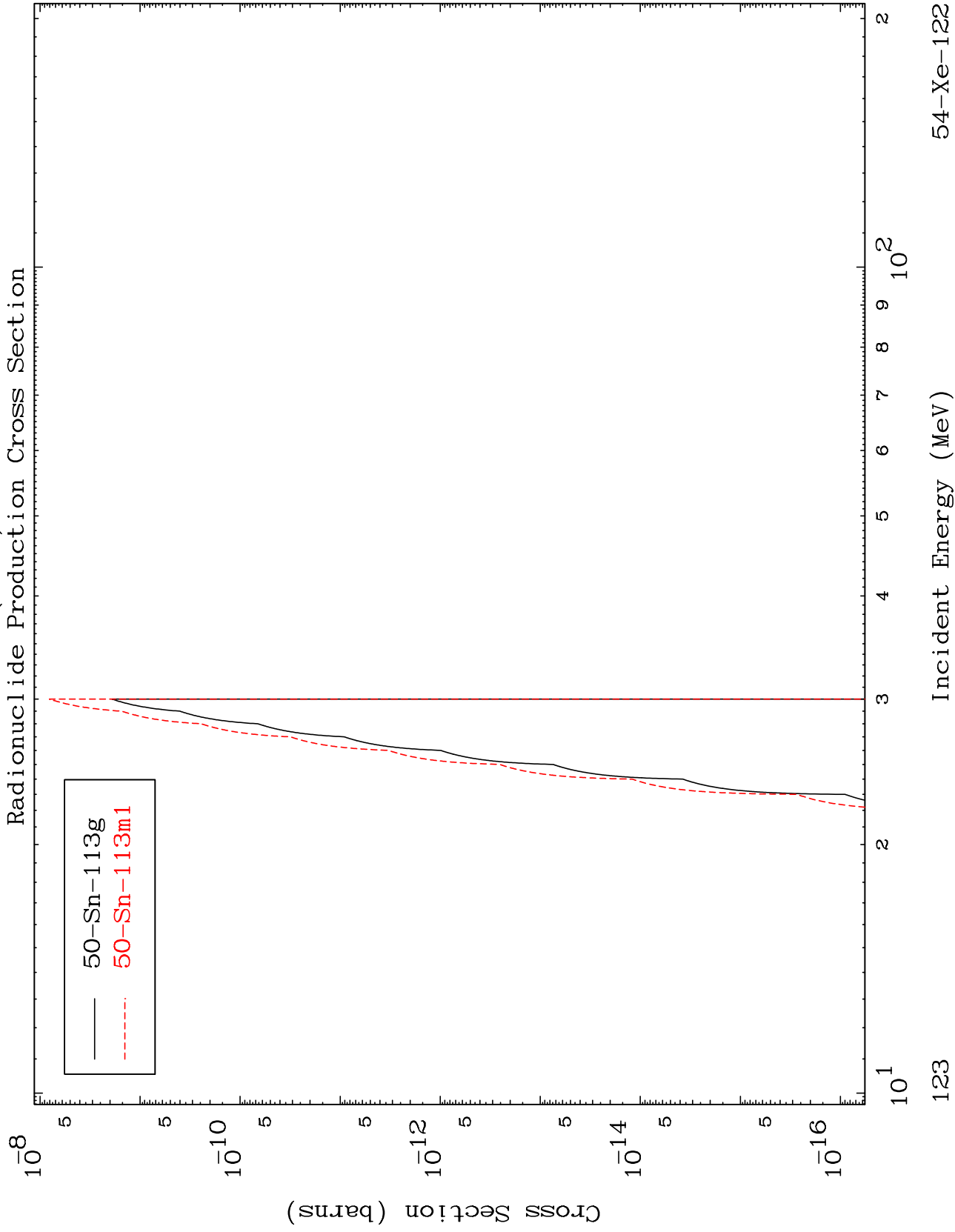
Incident Energy (MeV)

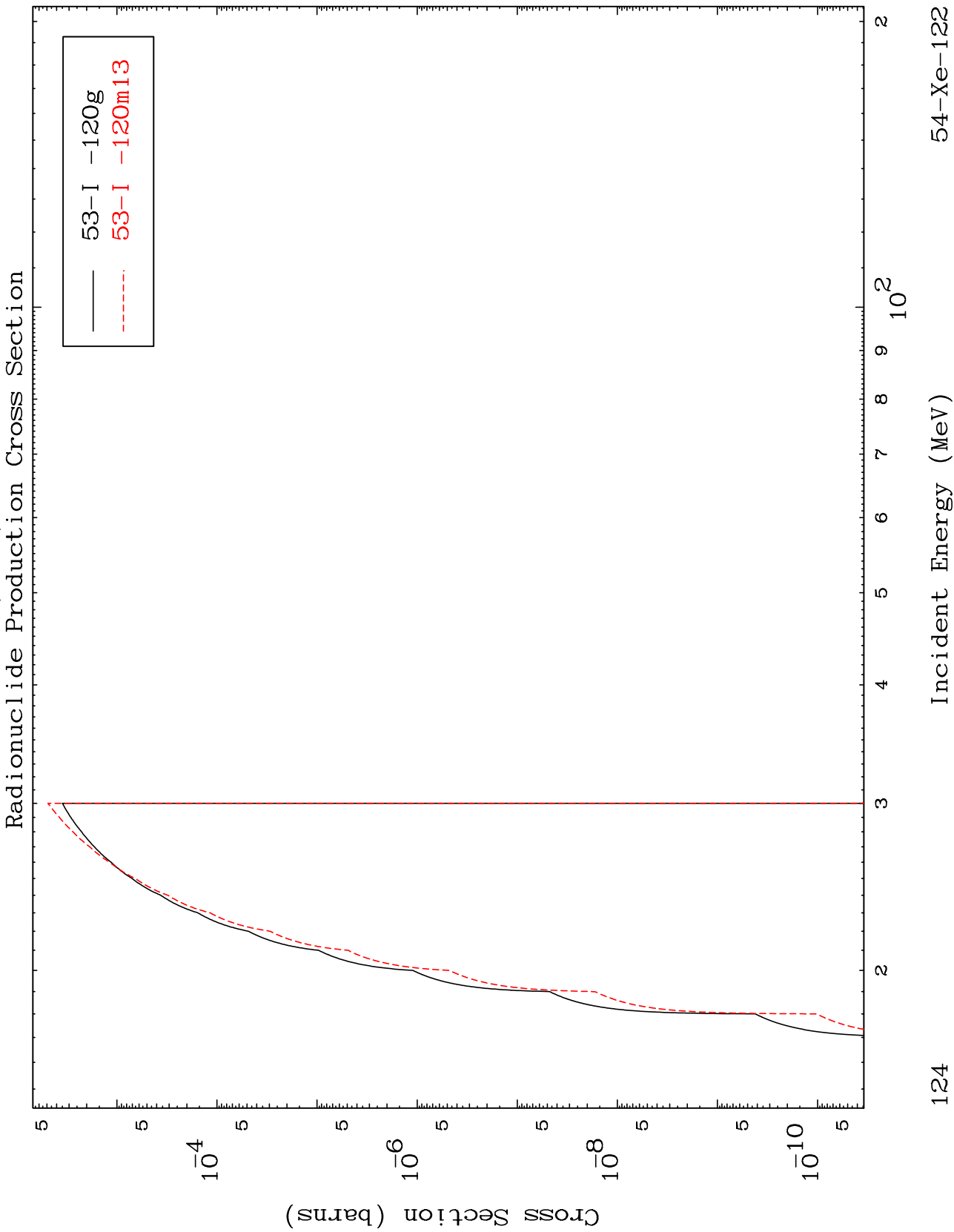
54-Xe-122

MAT 5419

(n,2n) 2 $\alpha$

54-Xe-122



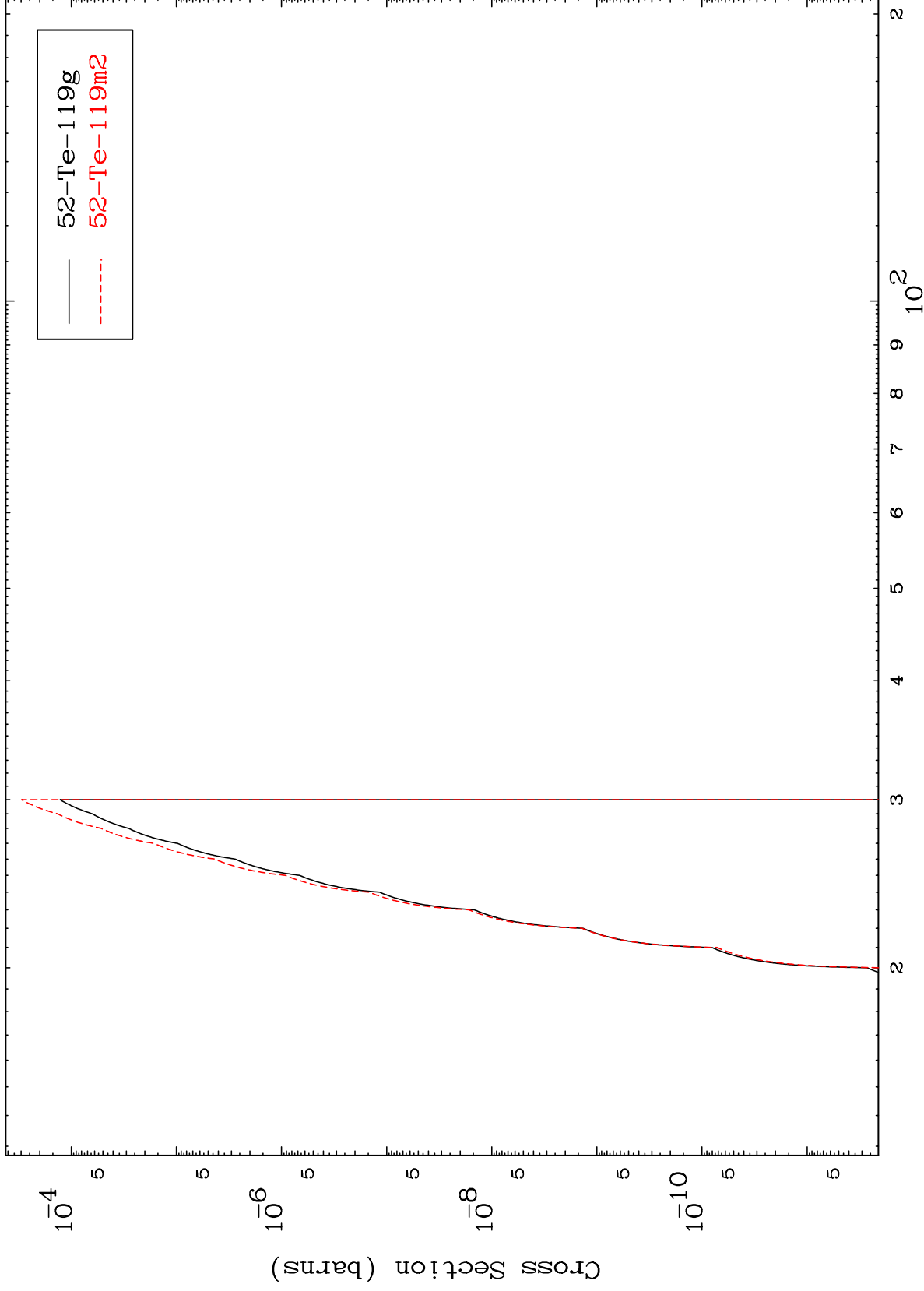


MAT 5419

(n,n') He-3

54-Xe-122

Radionuclide Production Cross Section

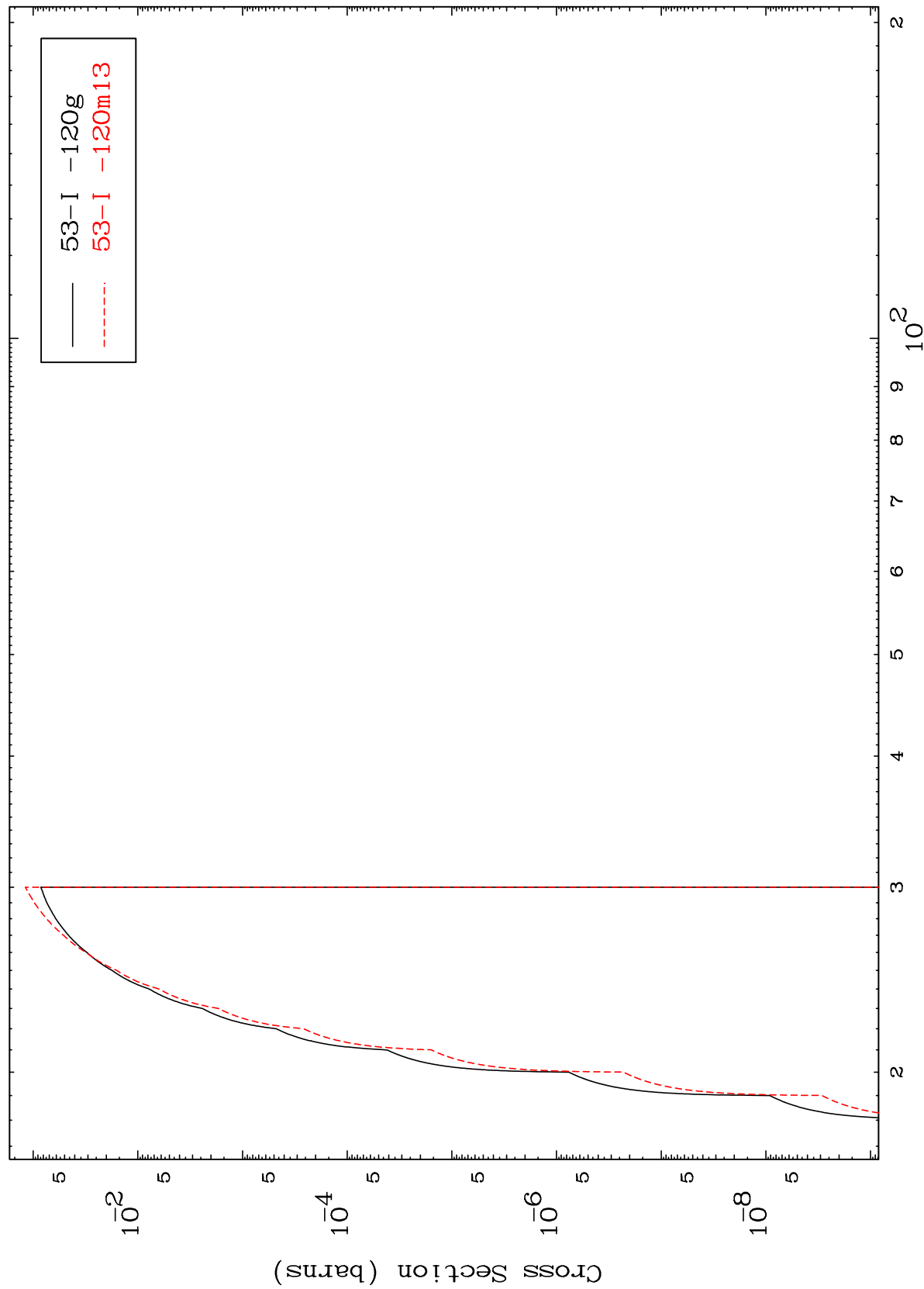


125

Incident Energy (MeV)

54-Xe-122

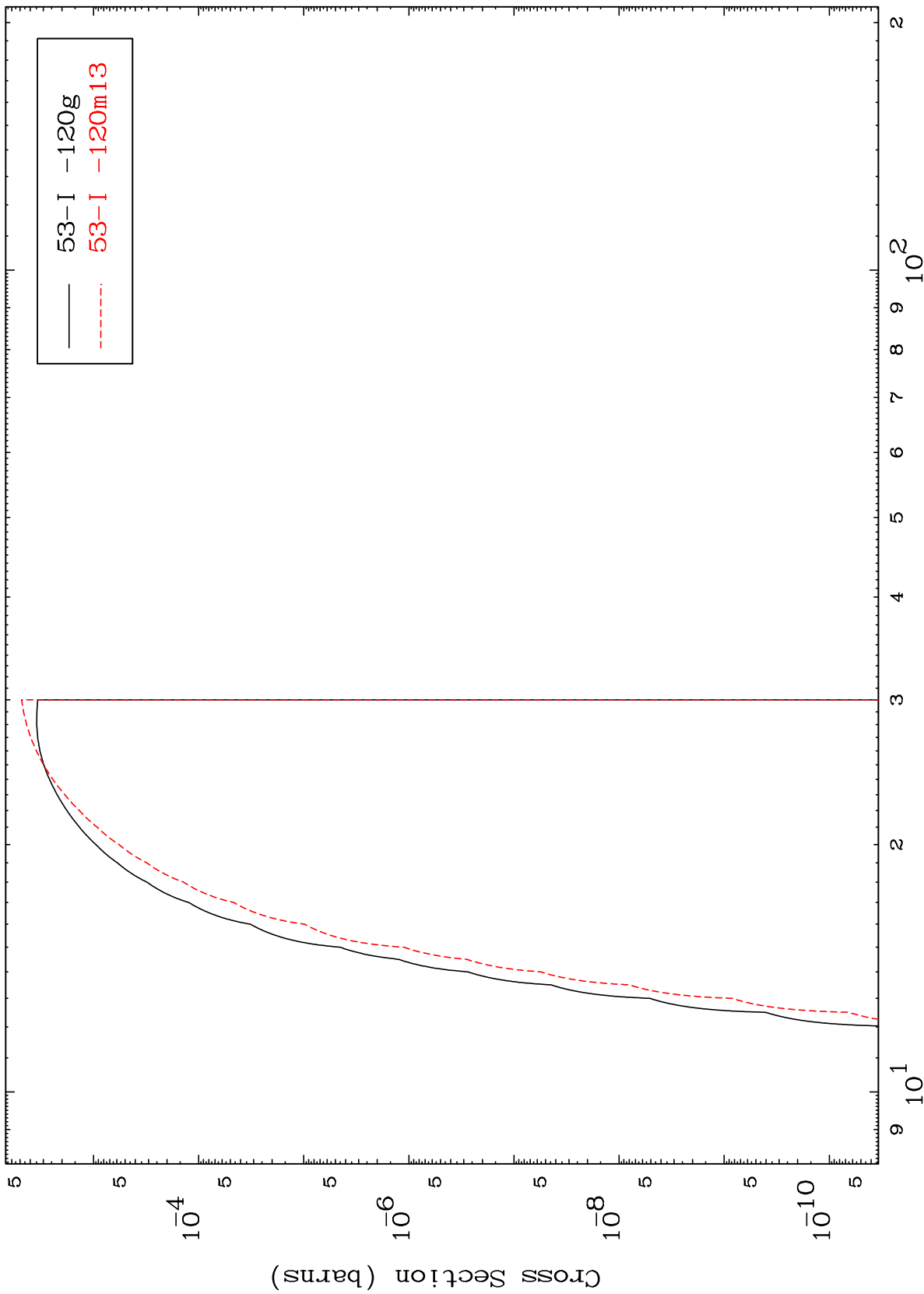
Radionuclide Production Cross Section



MAT 5419

54-Xe-122

(n,t)  
Radionuclide Production Cross Section



— 53-I -120g  
- - - 53-I -120m13

127

Incident Energy (MeV)

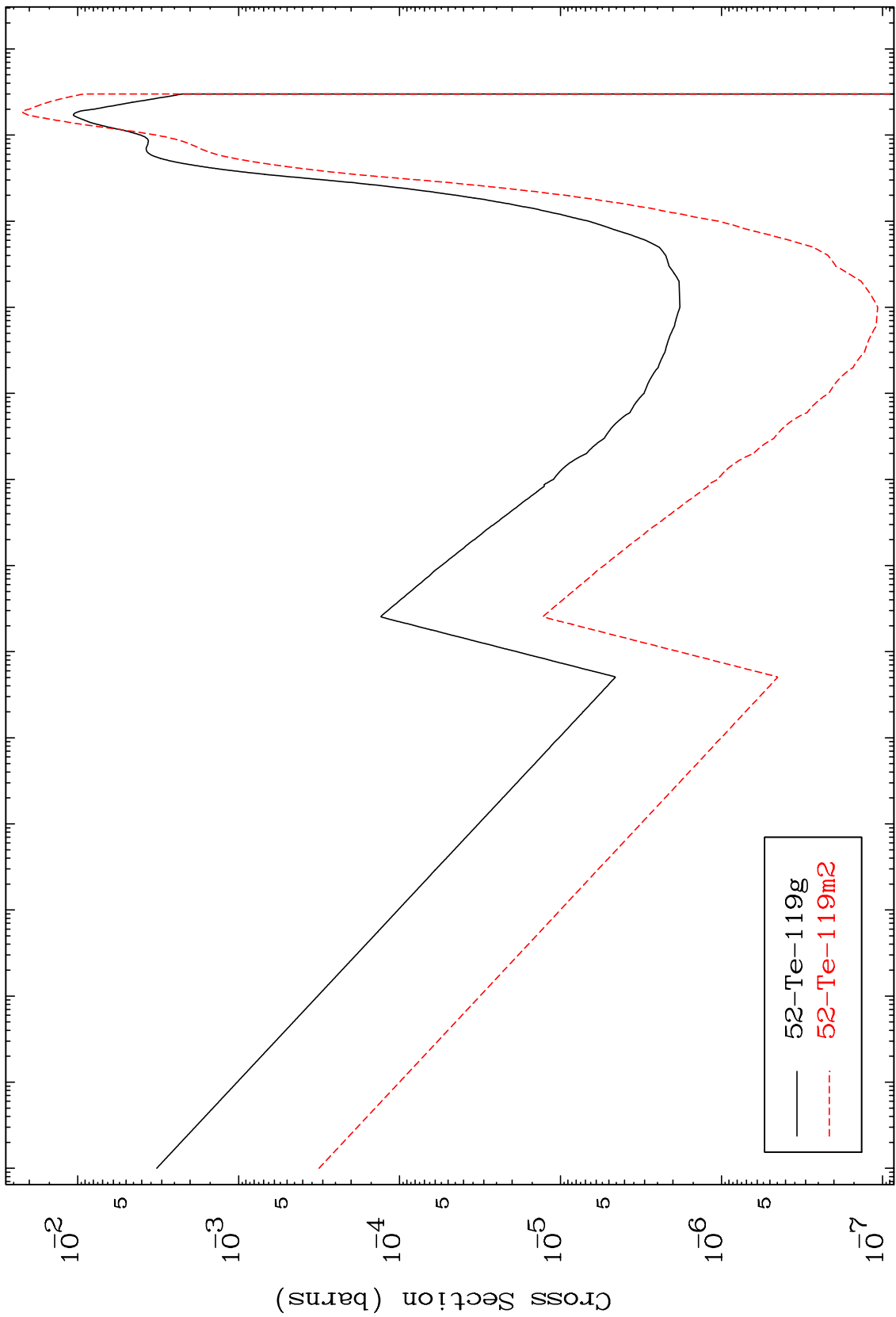
54-Xe-122

MAT 5419

54-Xe-122

Radionuclide Production Cross Section

(n,  $\alpha$ )

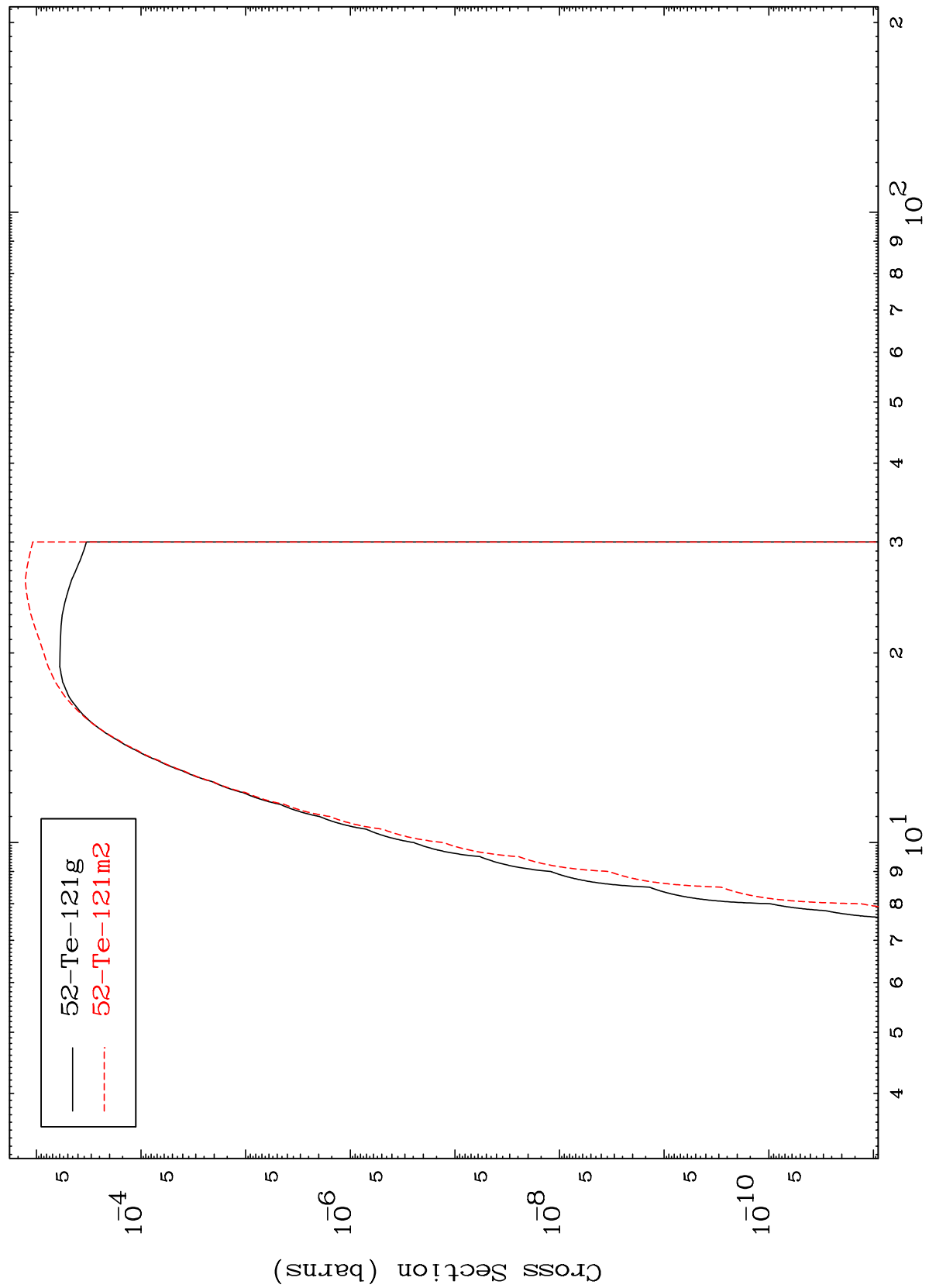


54-Xe-122

MAT 5419

54-Xe-122

Radionuclide Production Cross Section  
(n,2p)



129

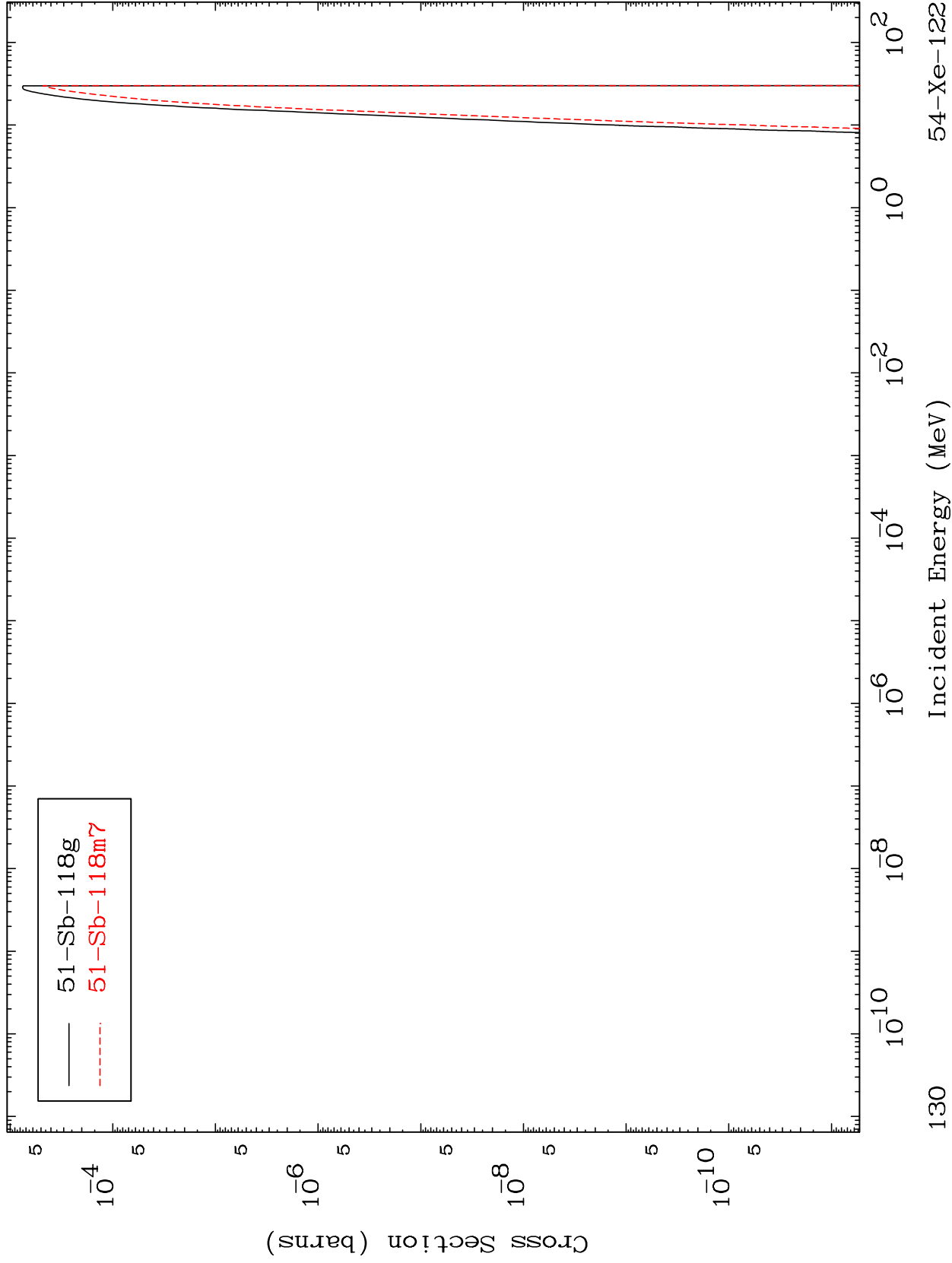
54-Xe-122

MAT 5419

(n,p)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section

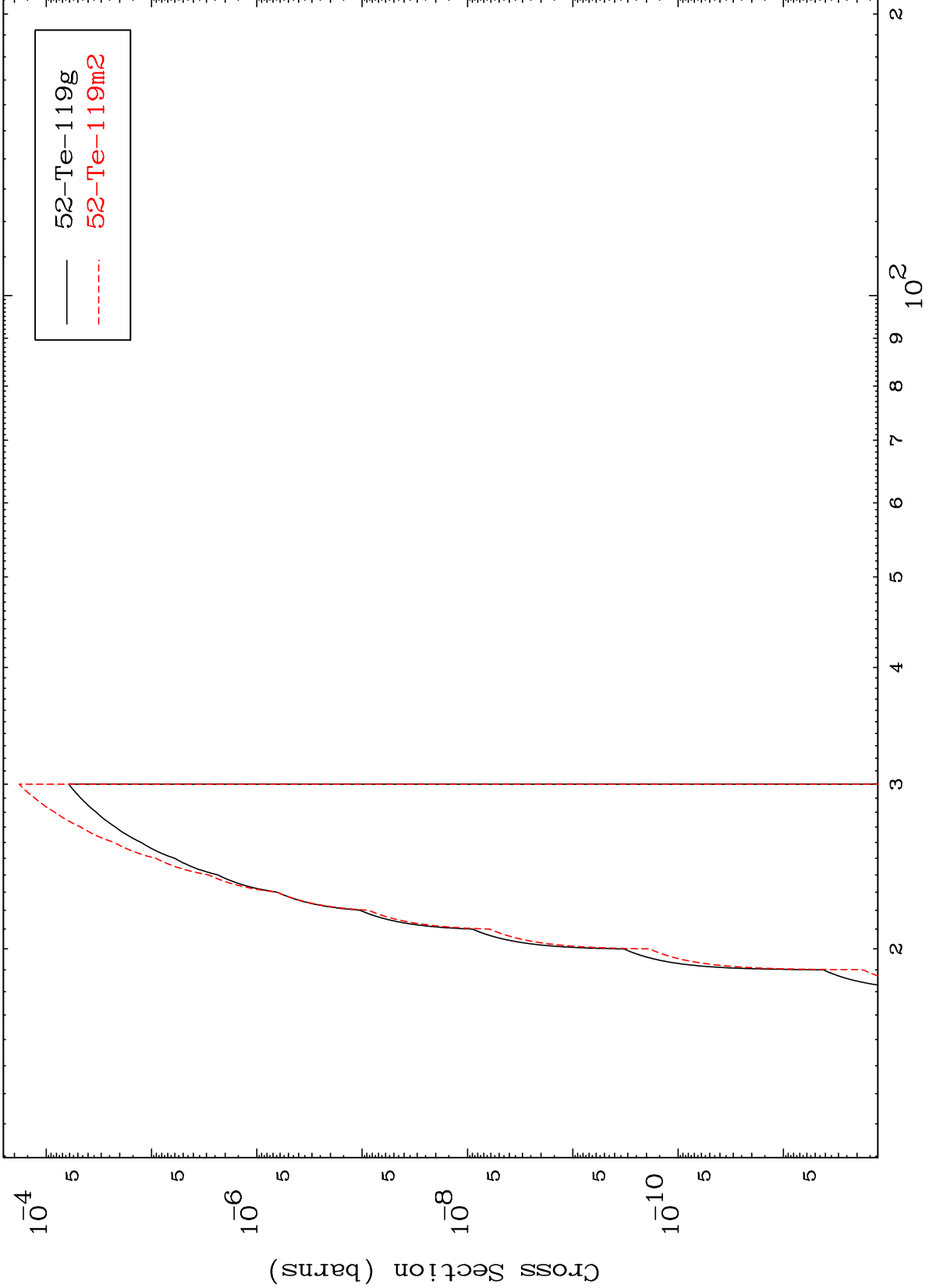


MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



52-Te-119g  
52-Te-119m2

131

Incident Energy (MeV)

54-Xe-122