

Program EVALPLOT  
(Version 2021-1)

by

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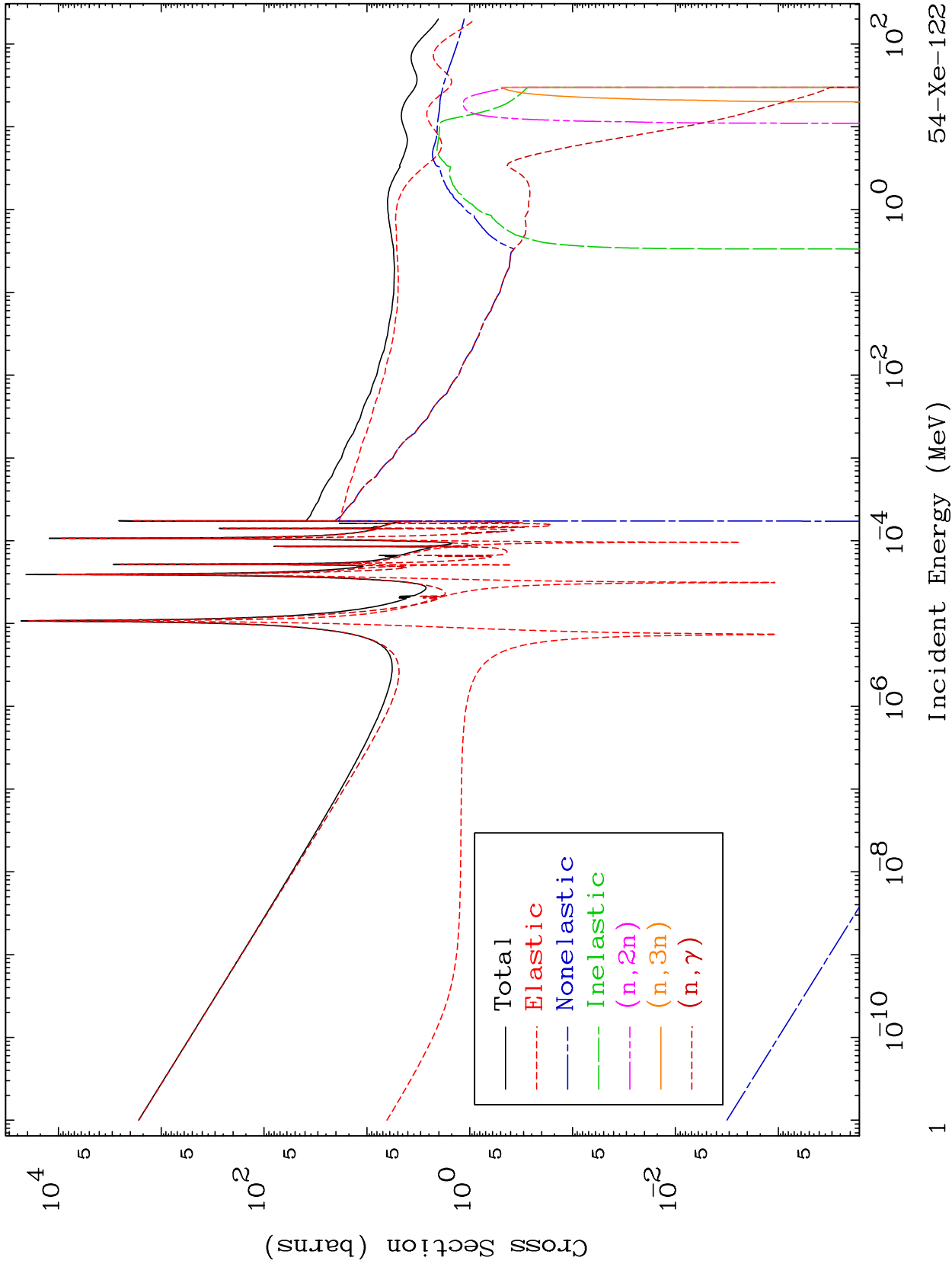
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5419

Neutron Major  
293 Kelvin Cross Sections

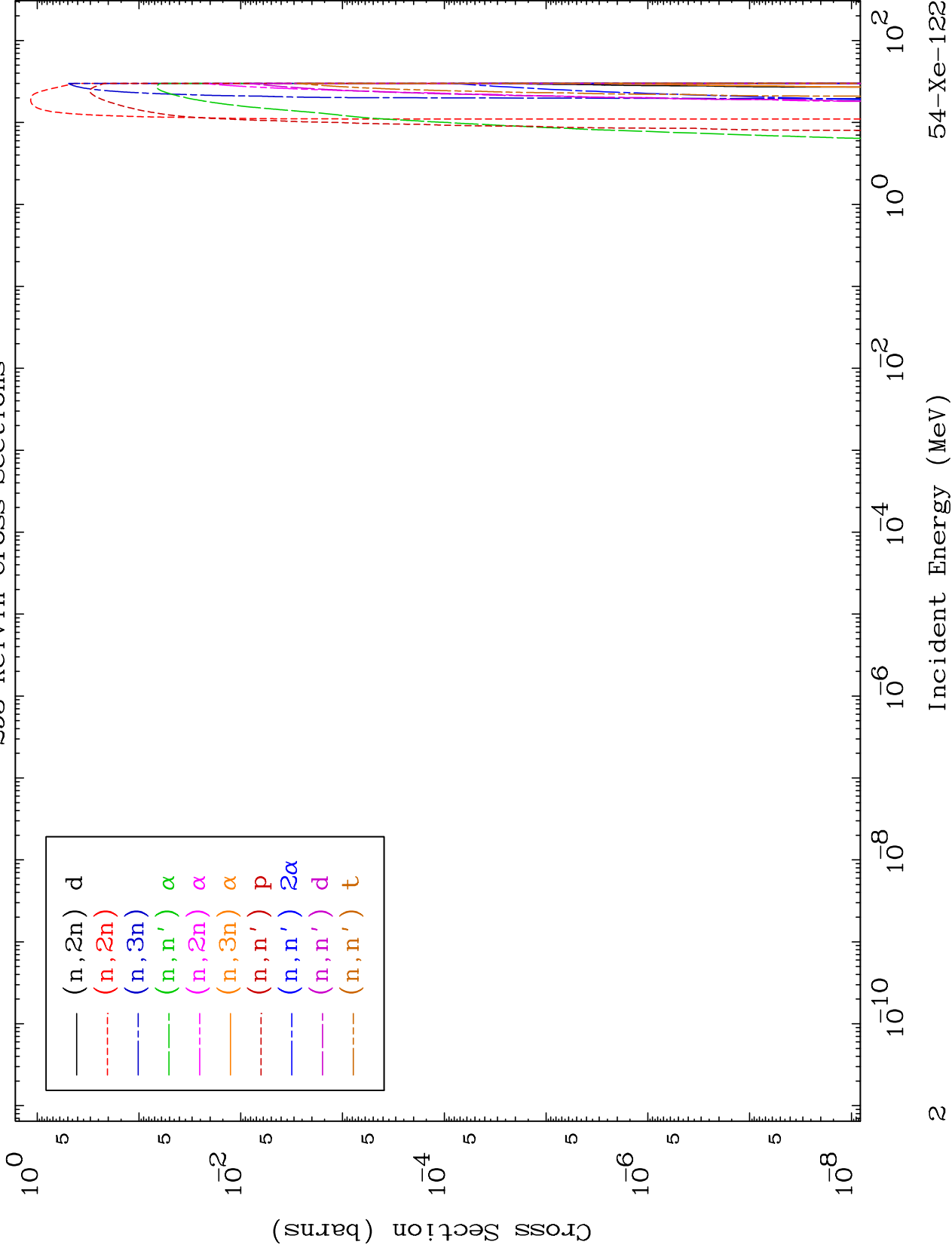
54-Xe-122



MAT 5419

Neutron Absorption  
293 Kelvin Cross Sections

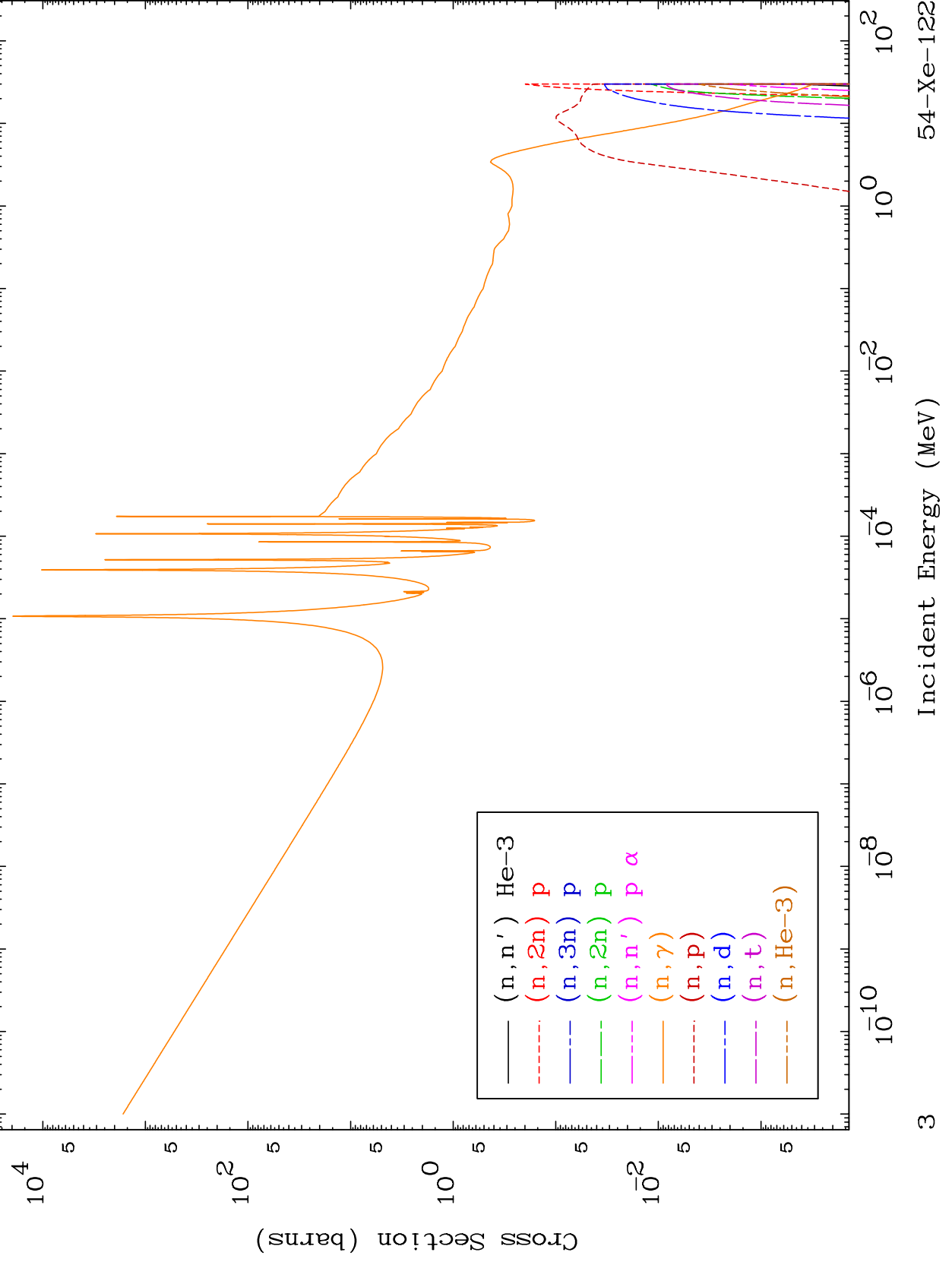
54-Xe-122

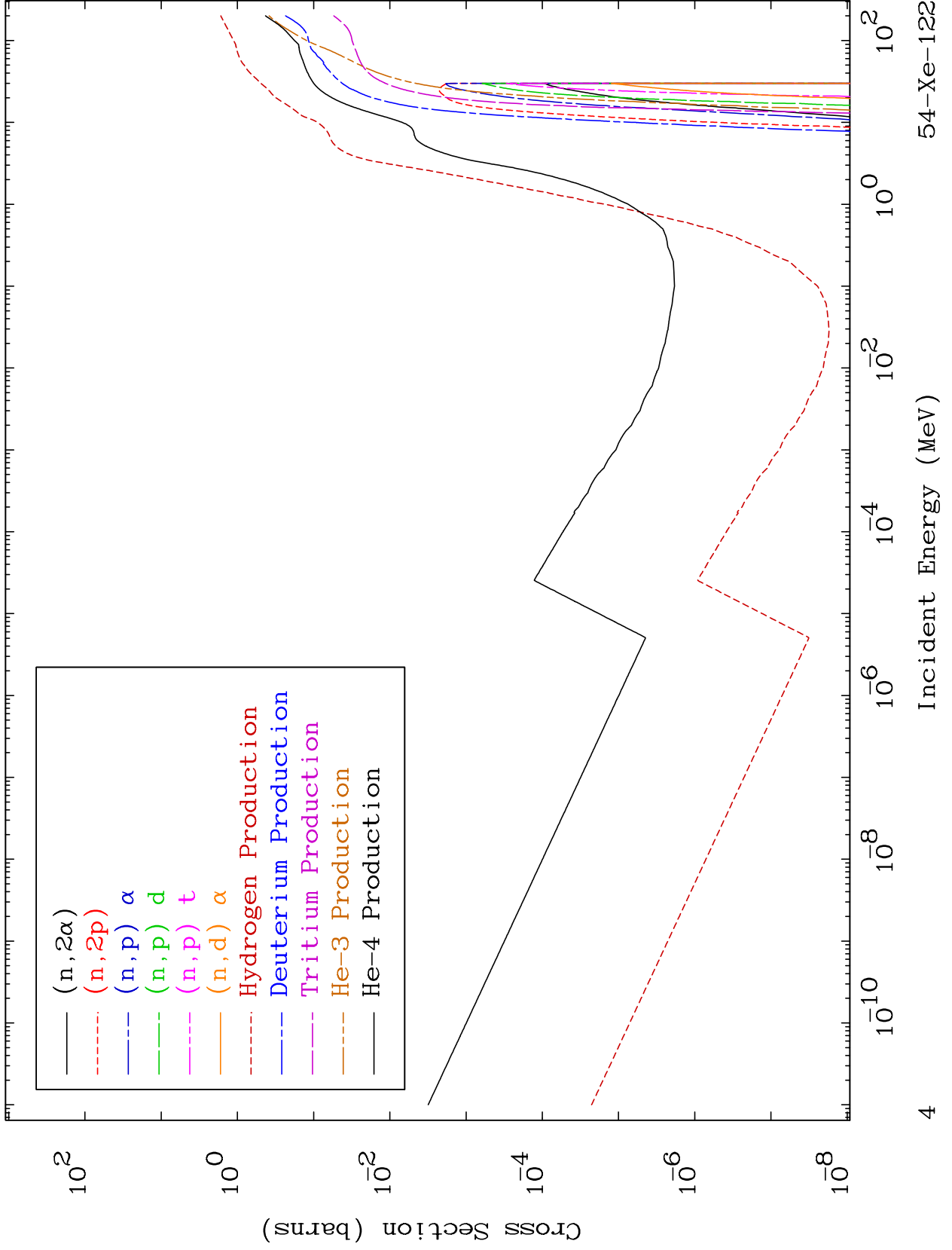


MAT 5419

Neutron Absorption  
293 Kelvin Cross Sections

54-Xe-122

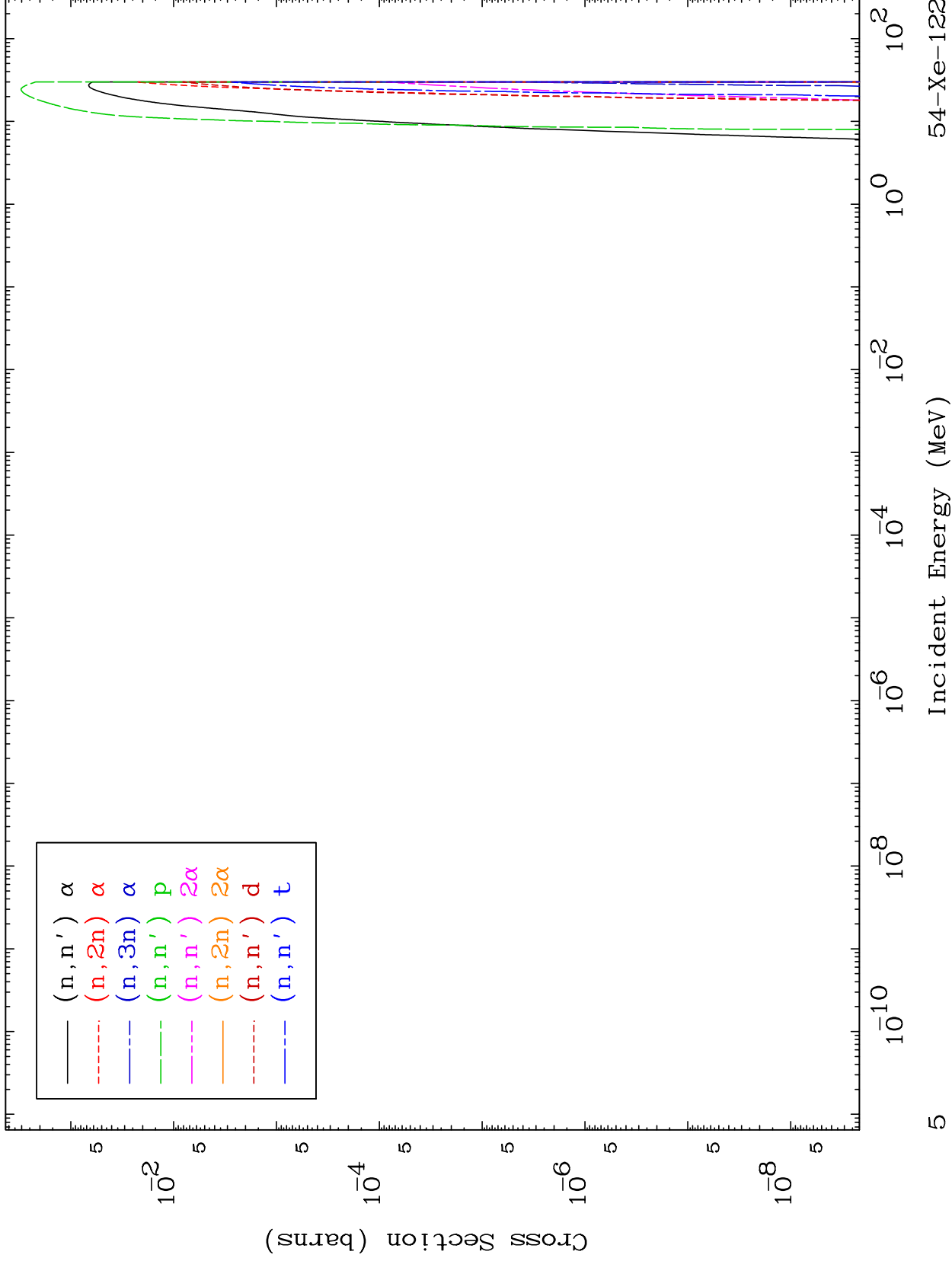




MAT 5419

Charged Particle  
293 Kelvin Cross Sections

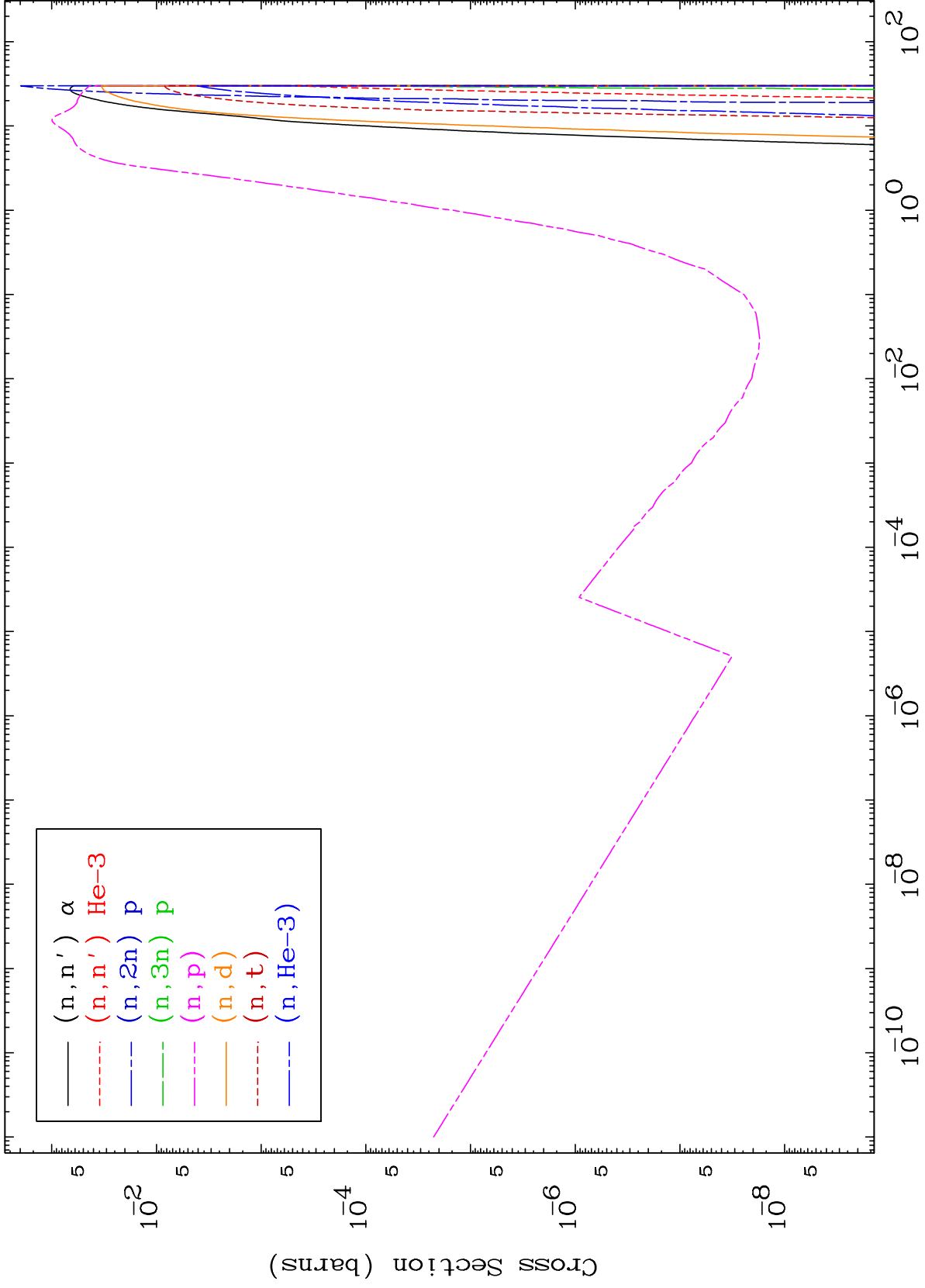
54-Xe-122



MAT 5419

Charged Particle  
293 Kelvin Cross Sections

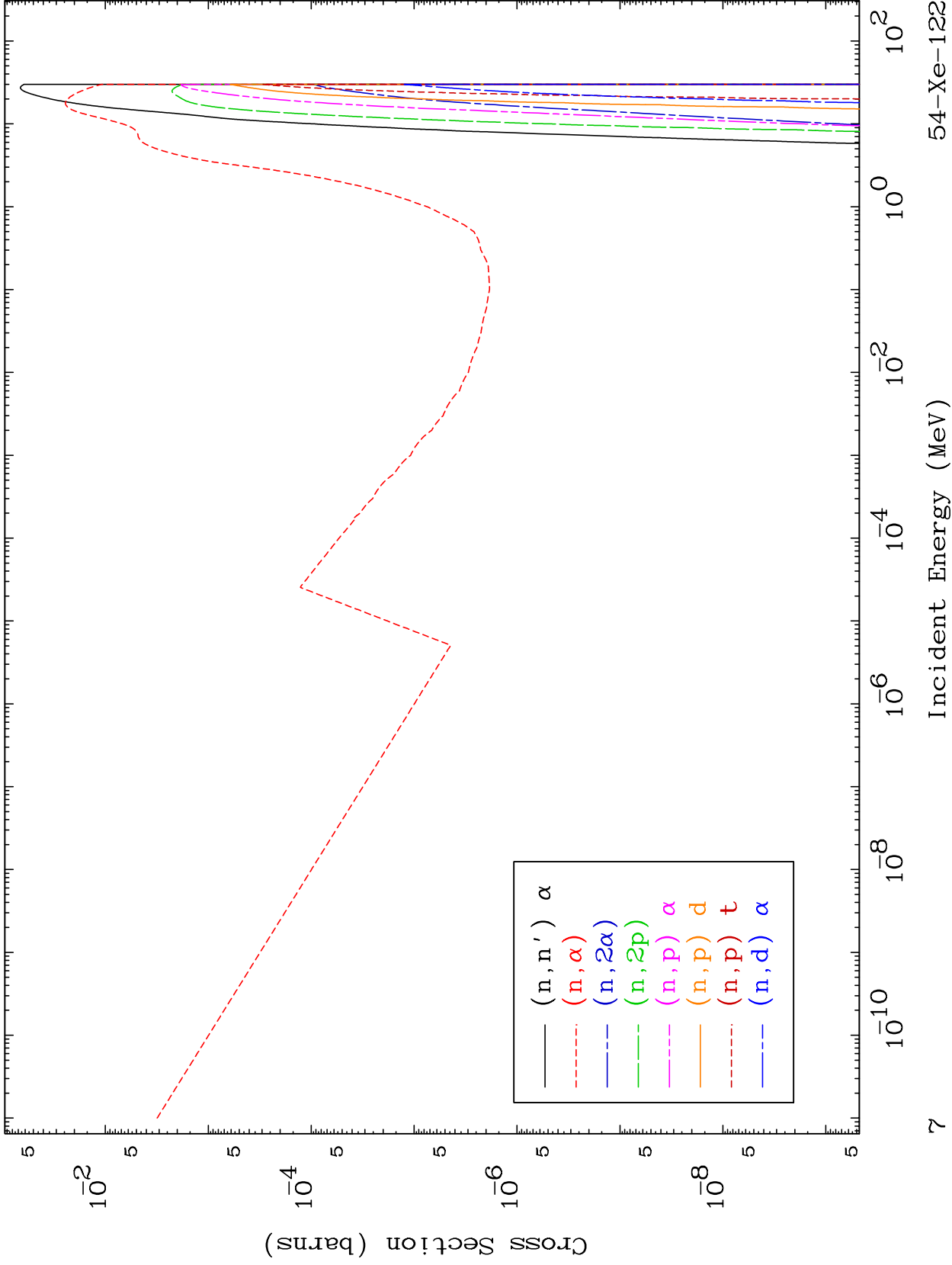
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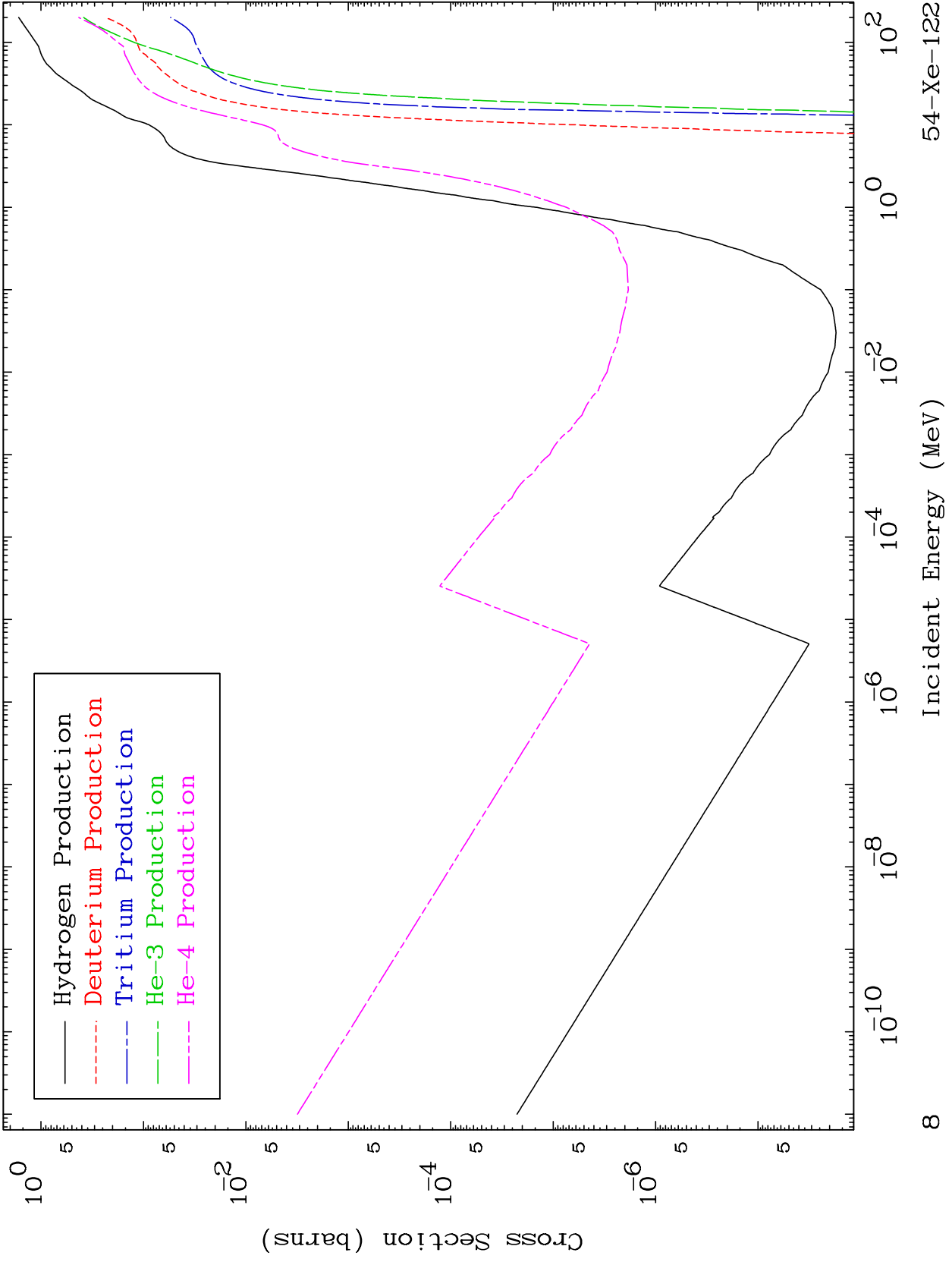


MAT 5419

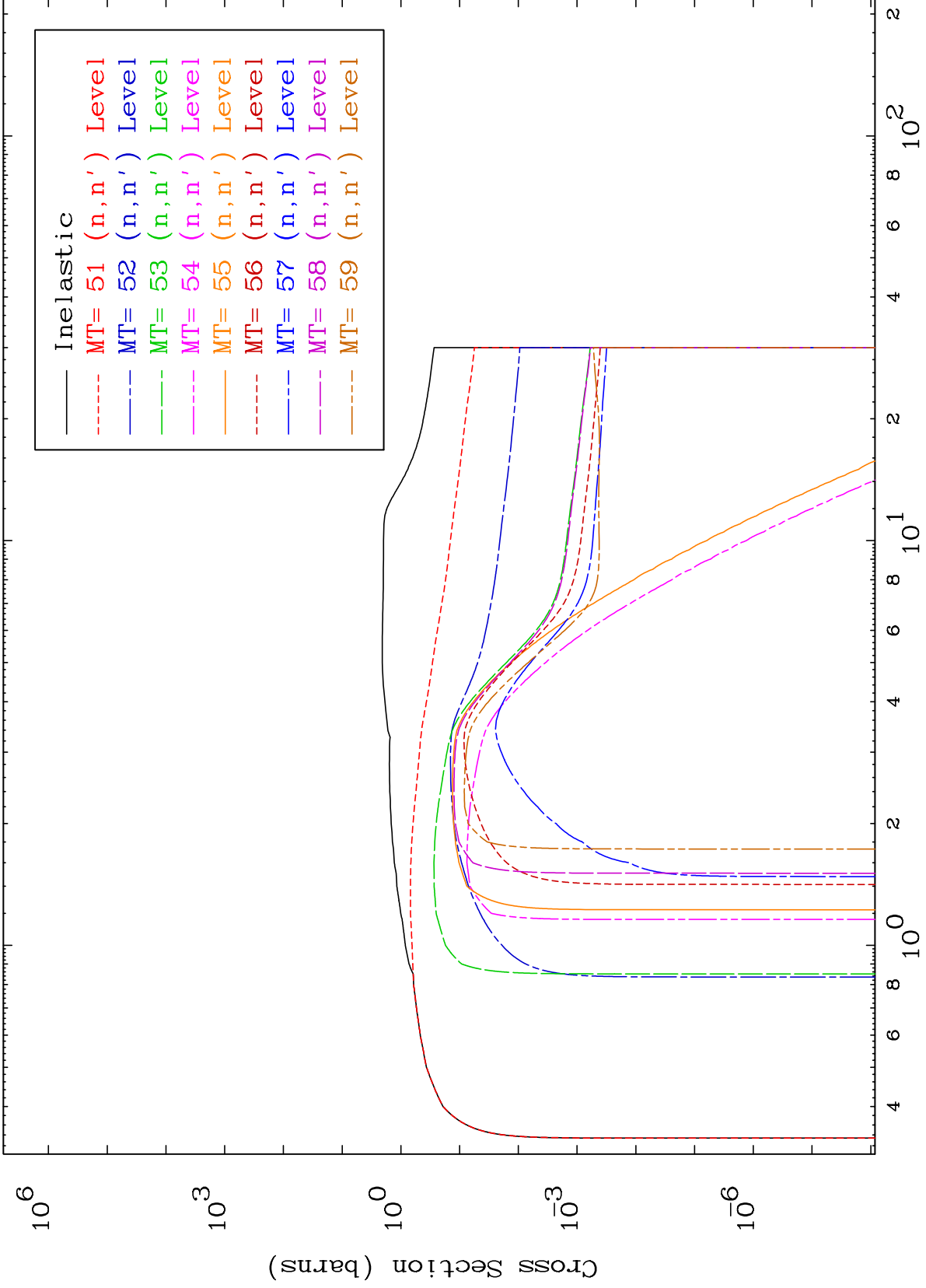
Charged Particle  
293 Kelvin Cross Sections

54-Xe-122





293 Kelvin Cross Sections

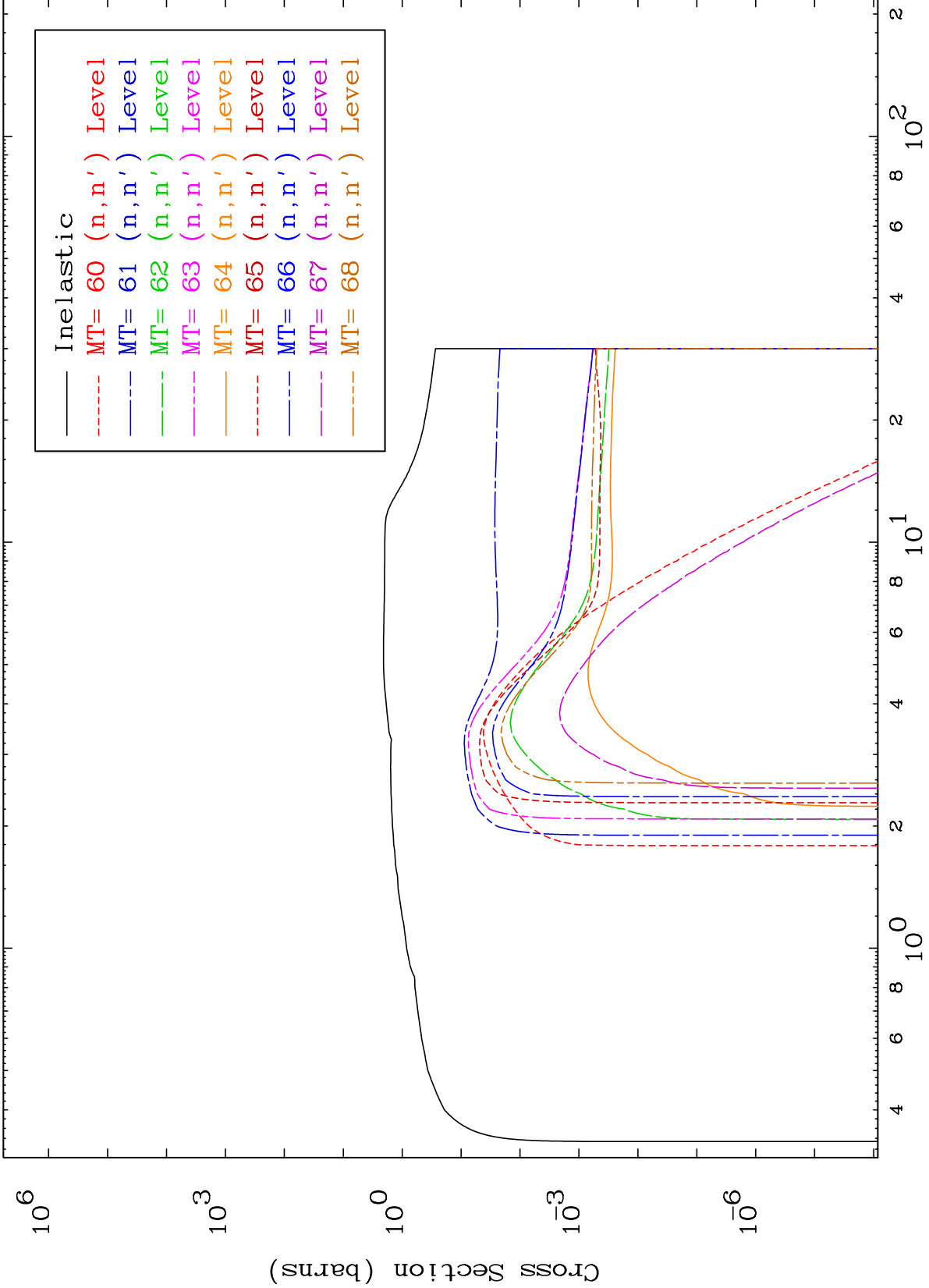


MAT 5419

(n,n') Levels

54-Xe-122

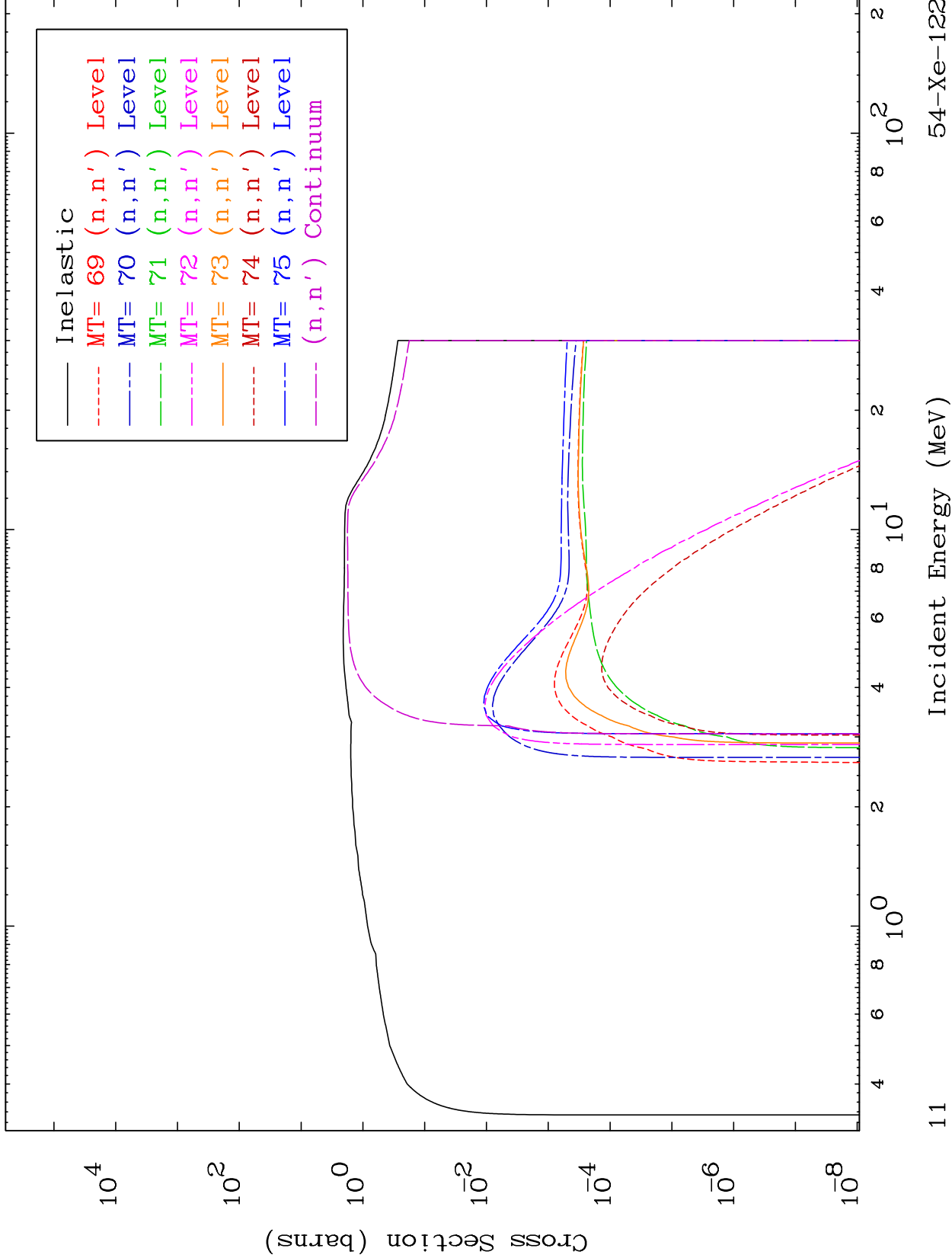
293 Kelvin Cross Sections



10

Incident Energy (MeV)

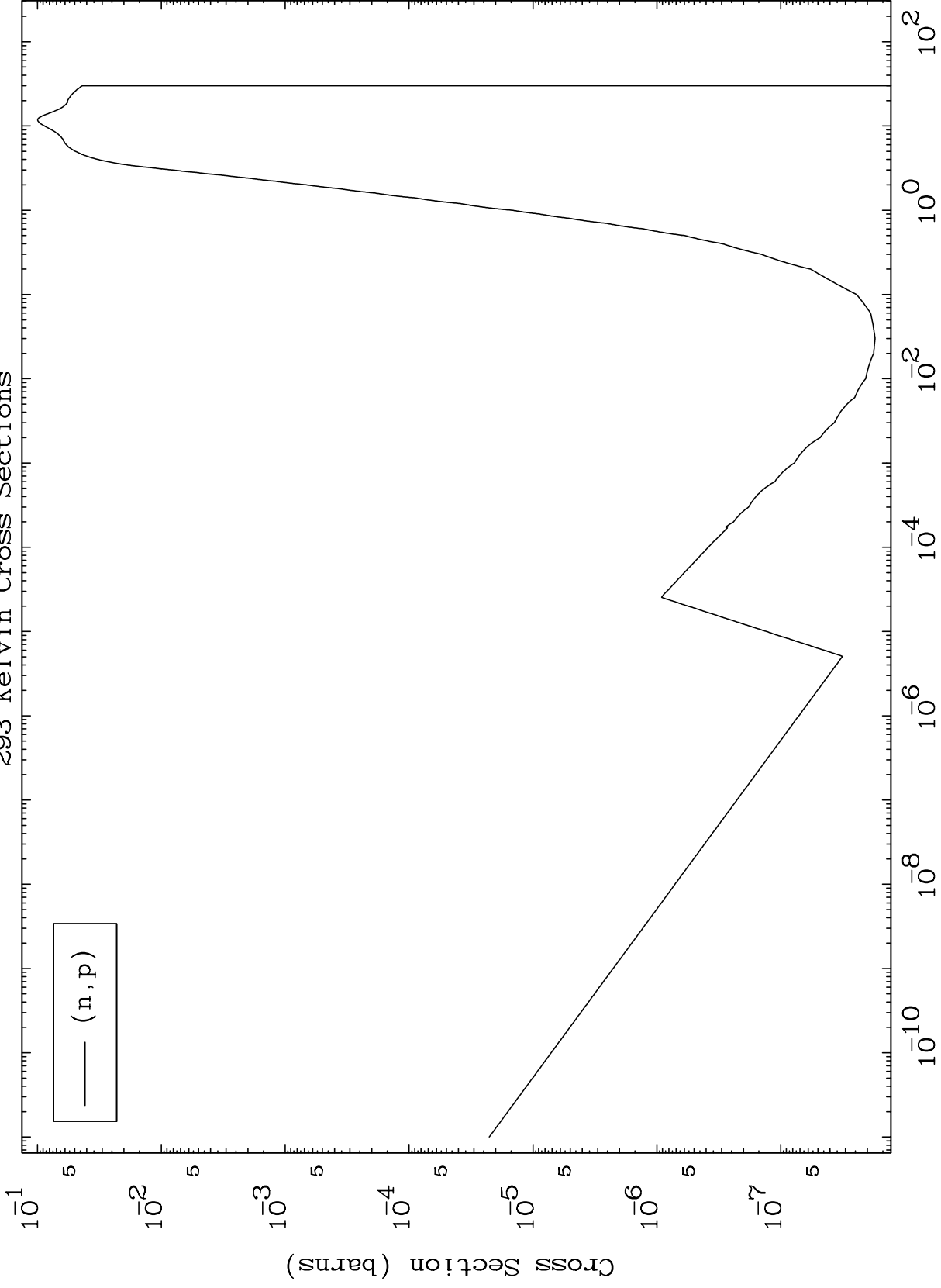
54-Xe-122



MAT 5419

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-122



12

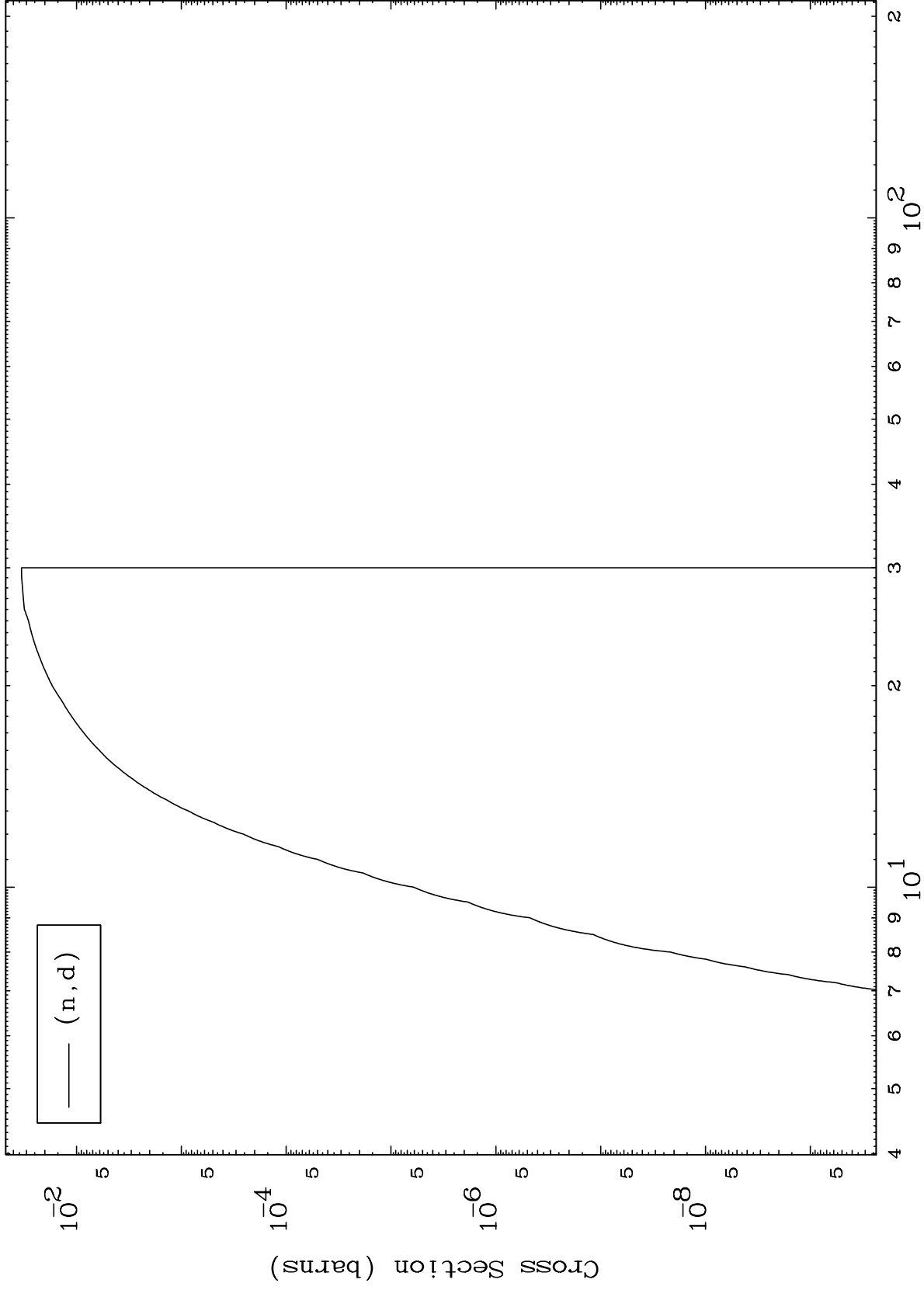
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-122



13

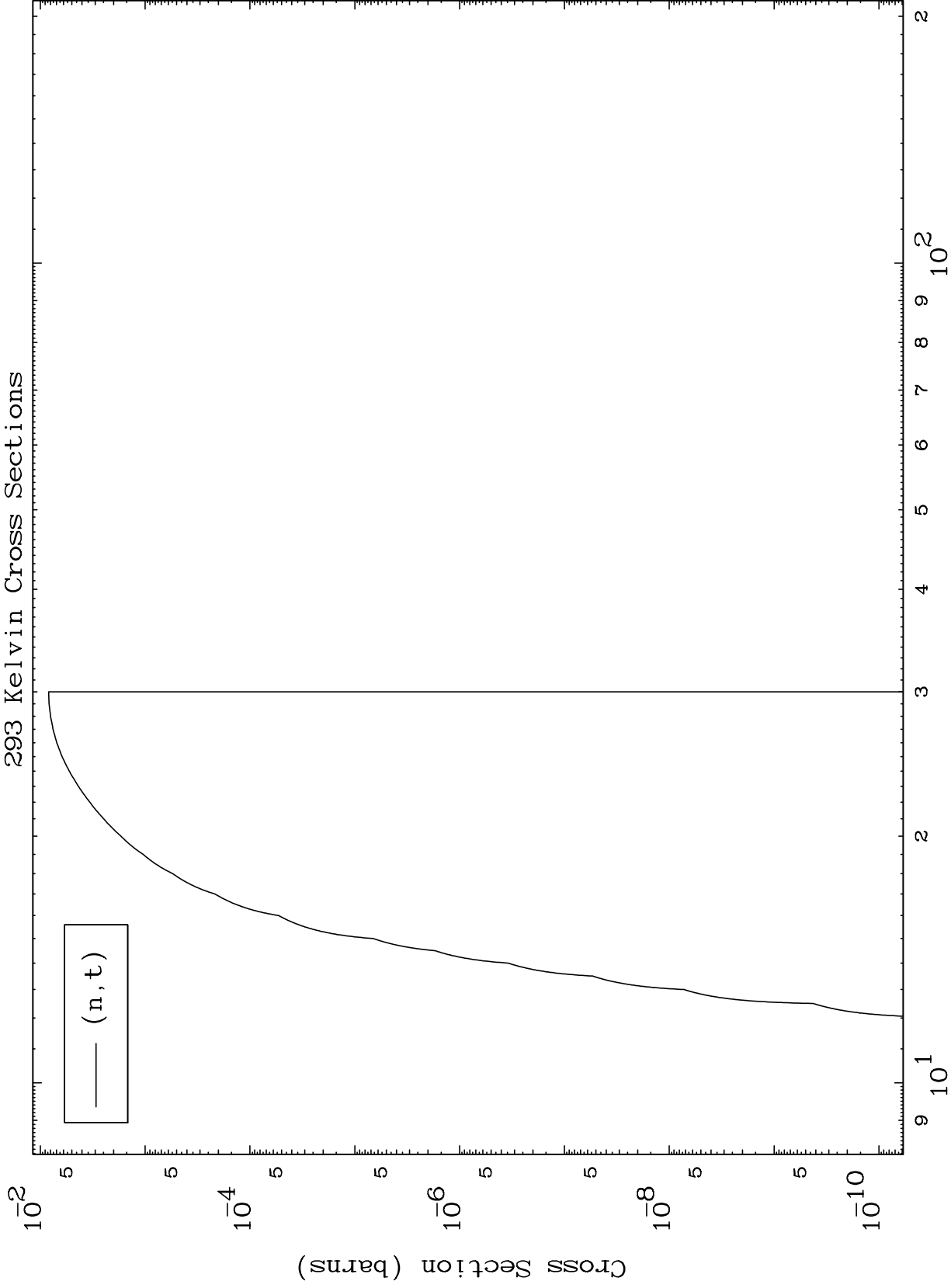
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-122



14

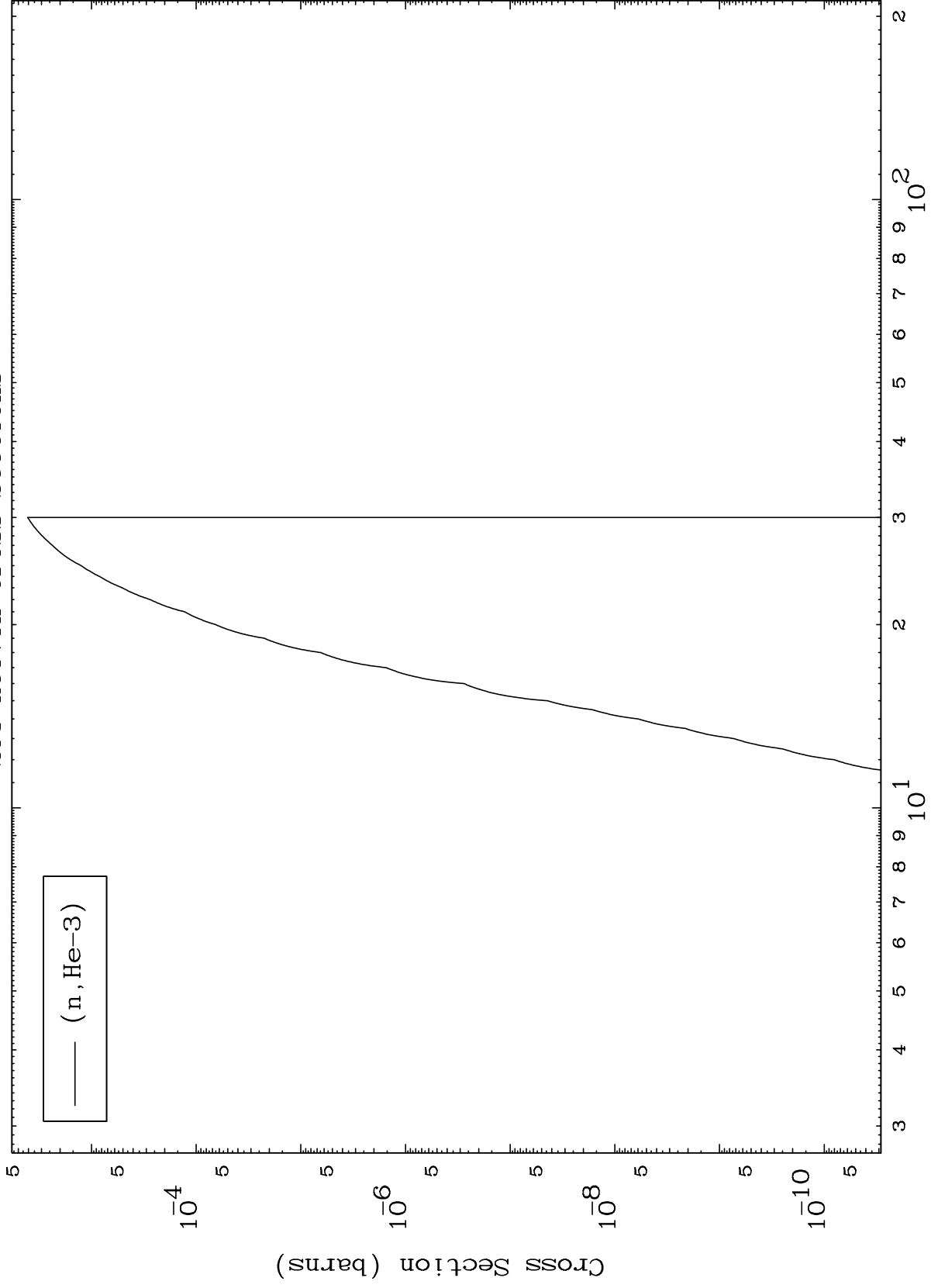
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-122



15

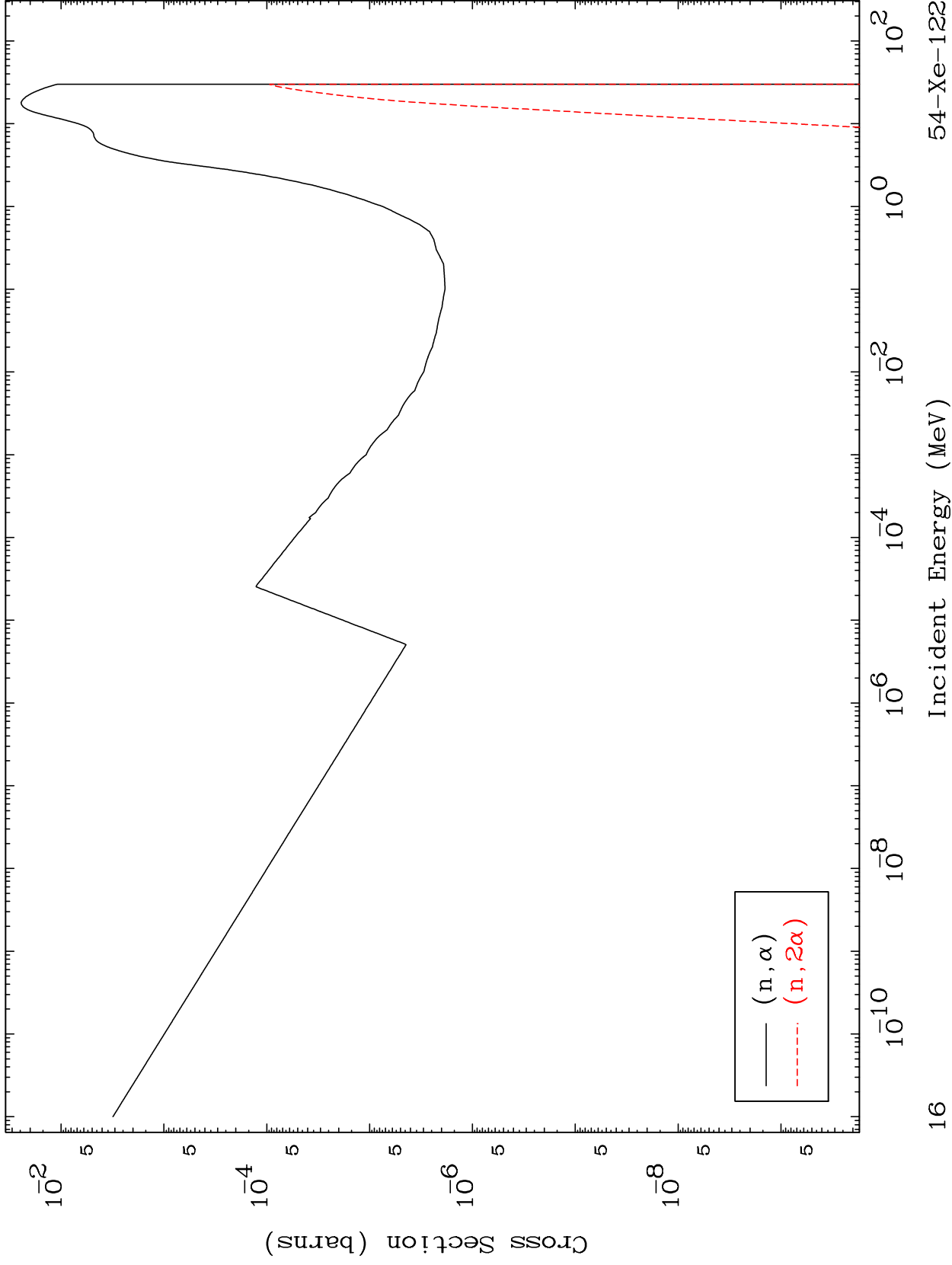
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

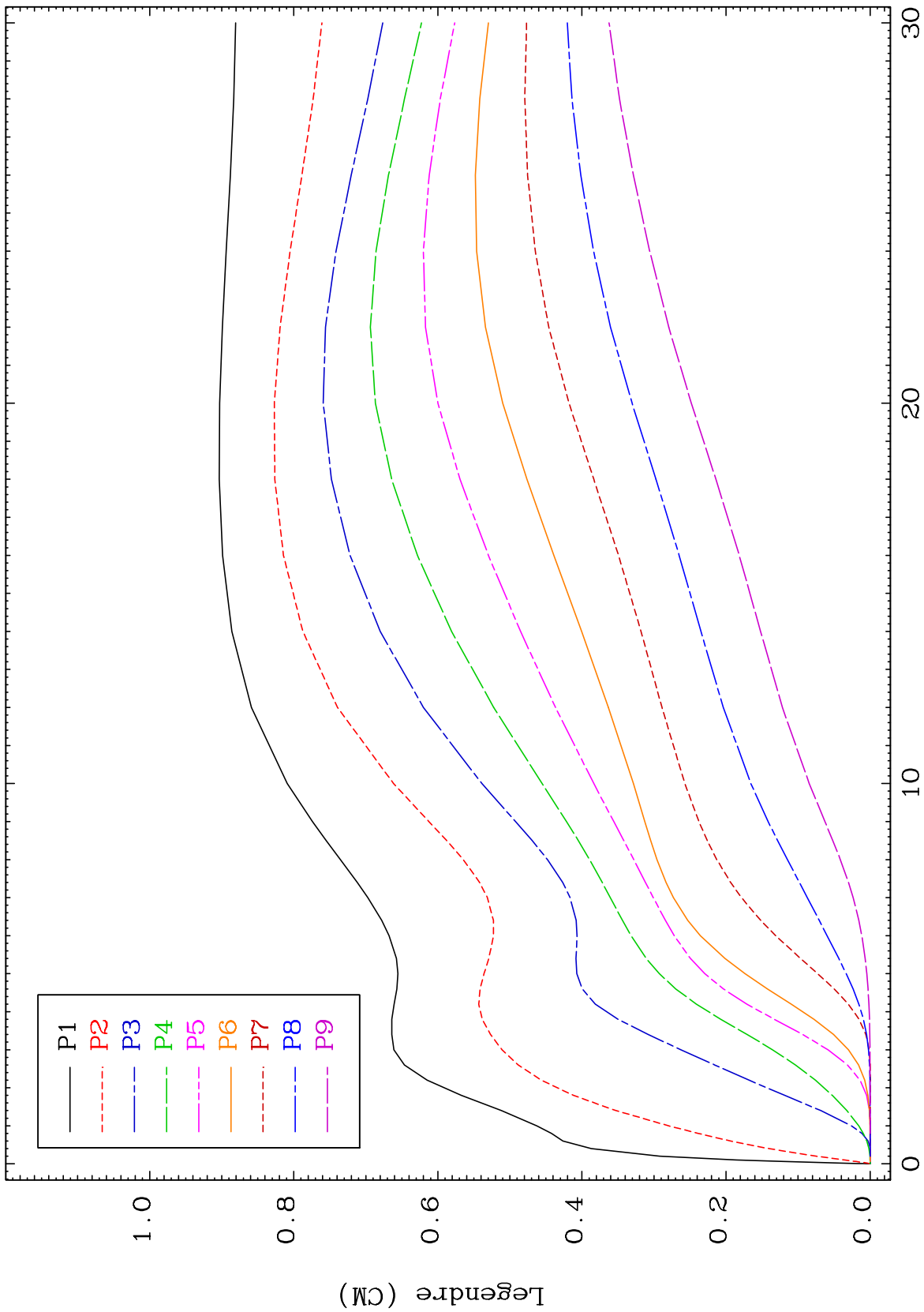
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MAT 5419

Elastic Legendre Coefficients

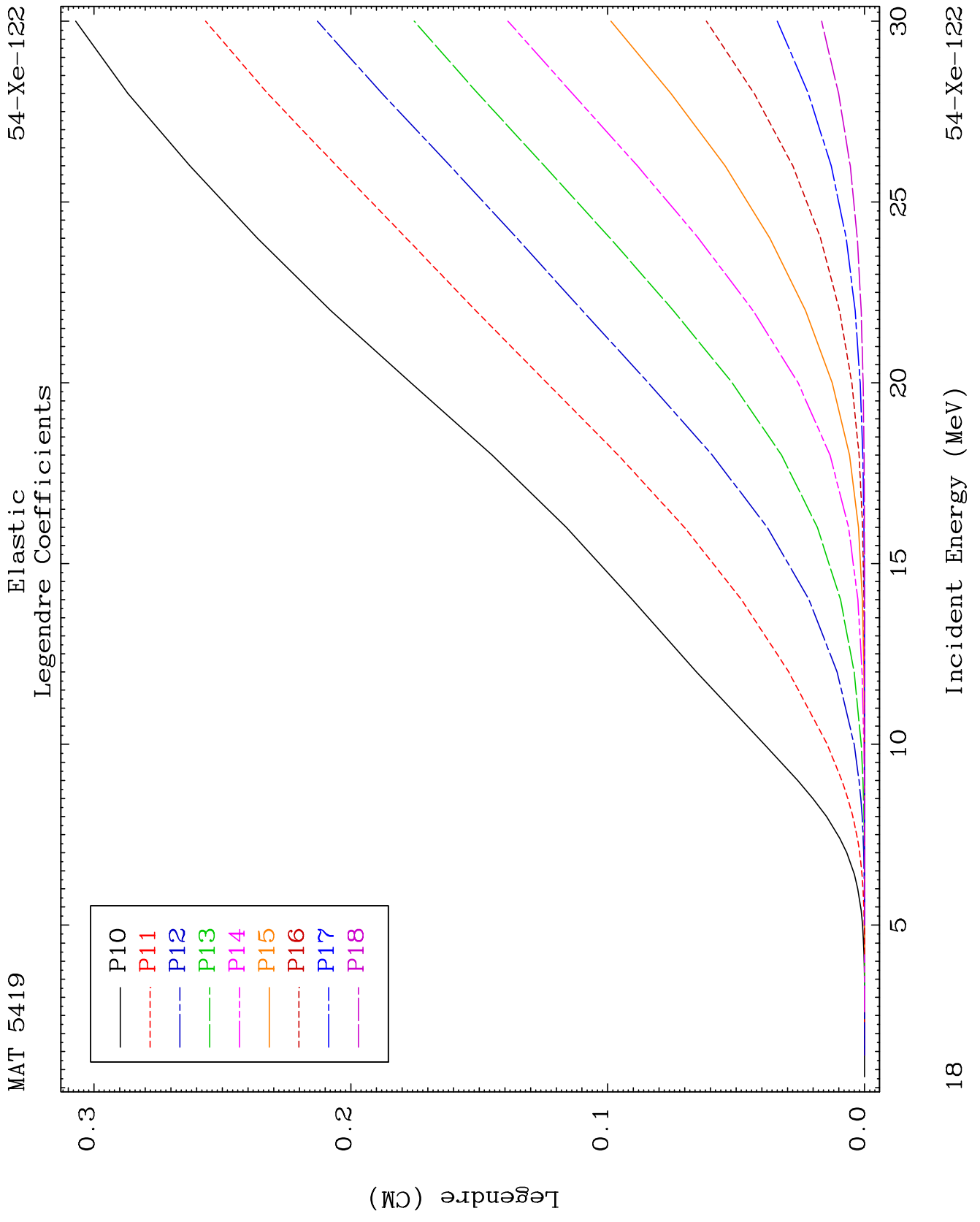
54-Xe-122



17

Incident Energy (MeV)

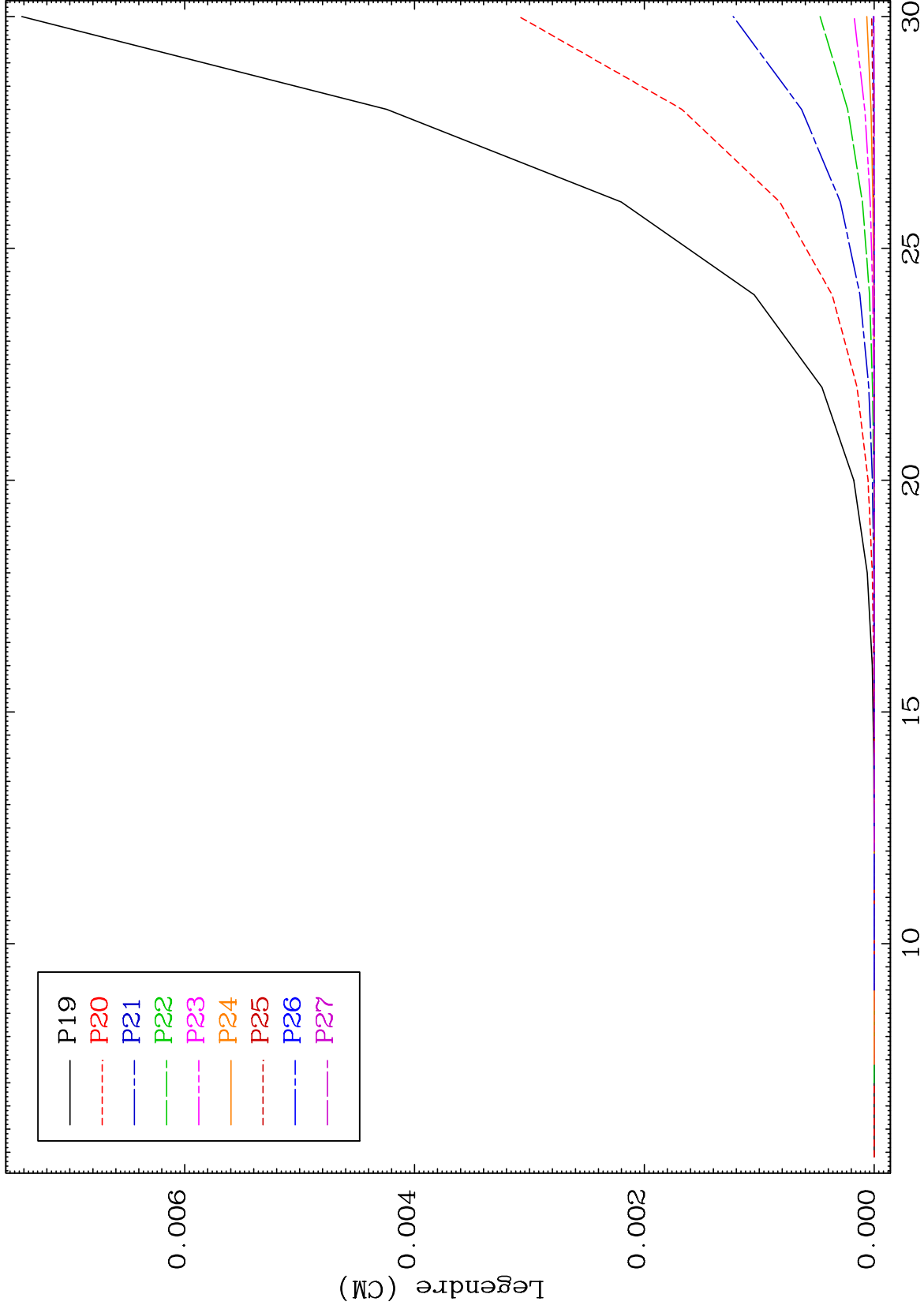
54-Xe-122



MAT 5419

Elastic Legendre Coefficients

54-Xe-122



19

Incident Energy (MeV)

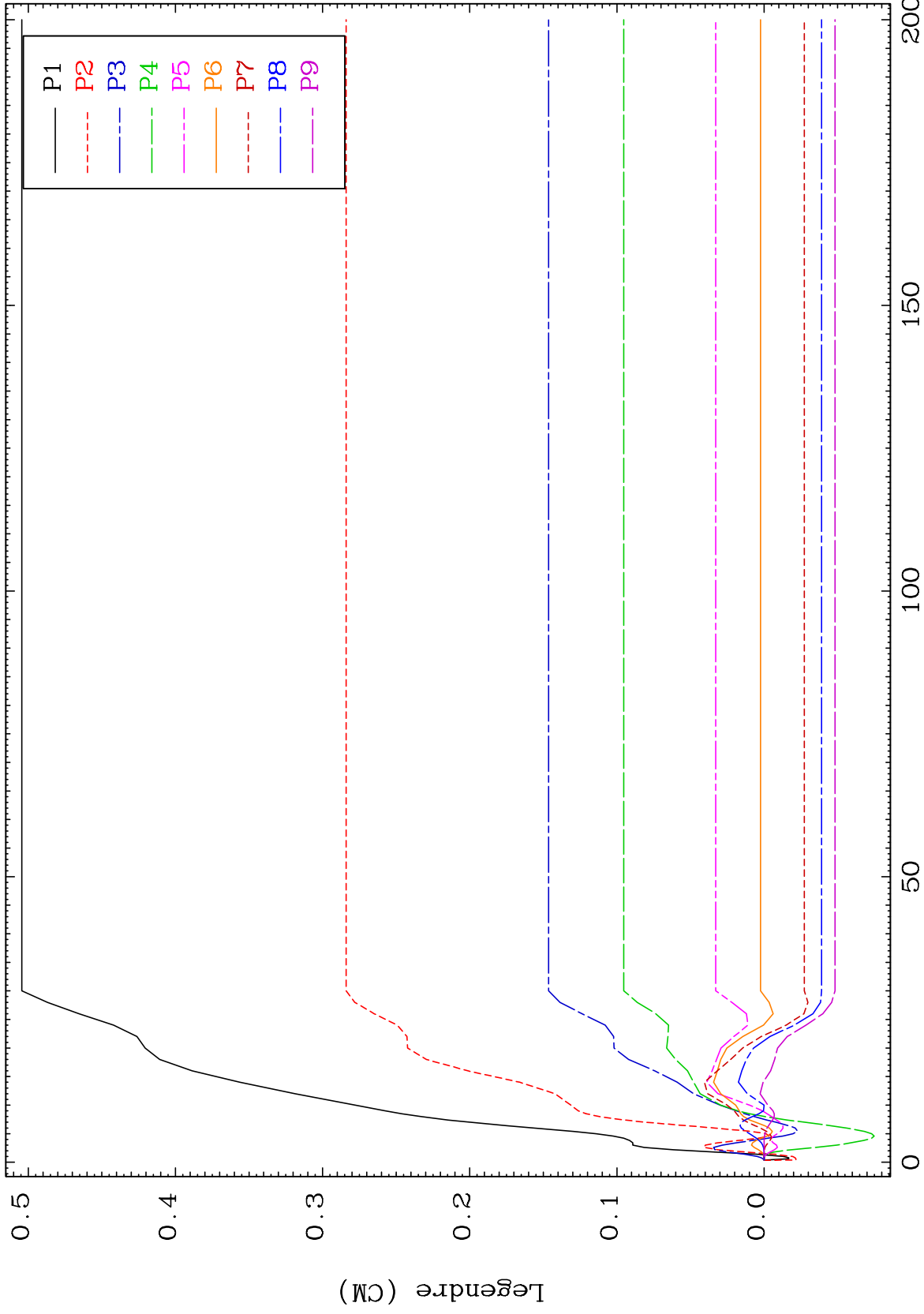
54-Xe-122



MAT 5419

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

54-Xe-122



21

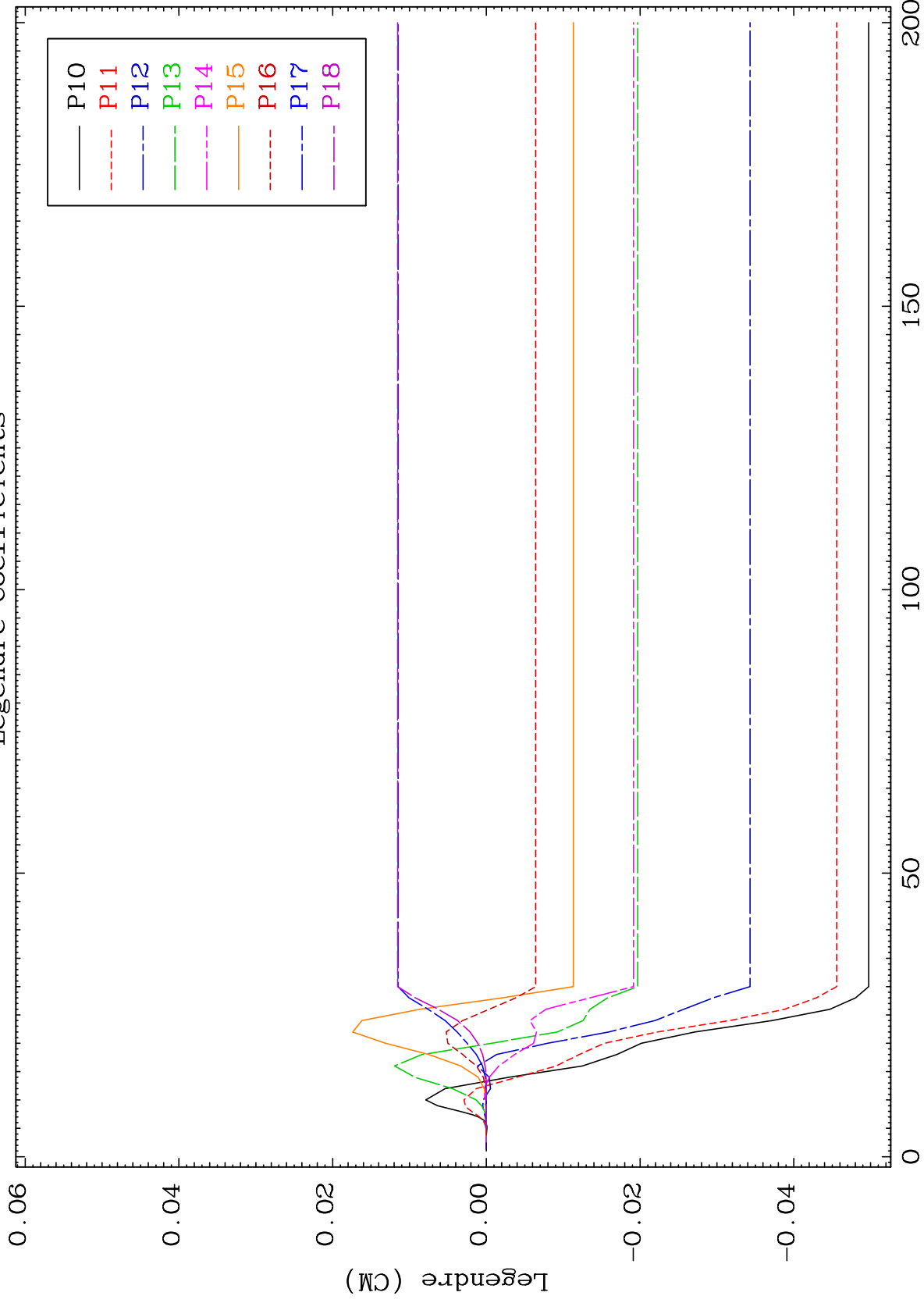
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

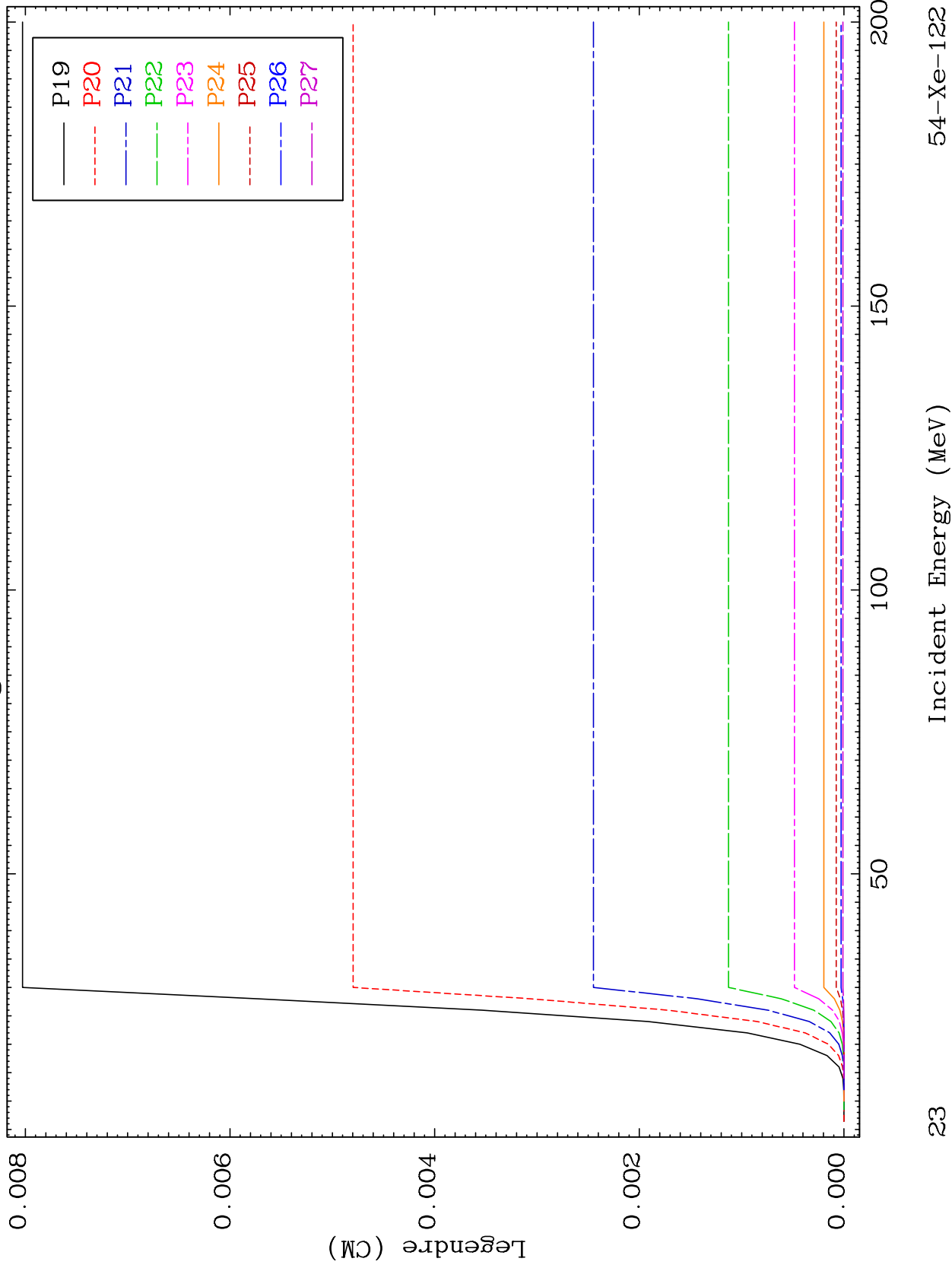
54-Xe-122



MAT 5419

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

54-Xe-122



23

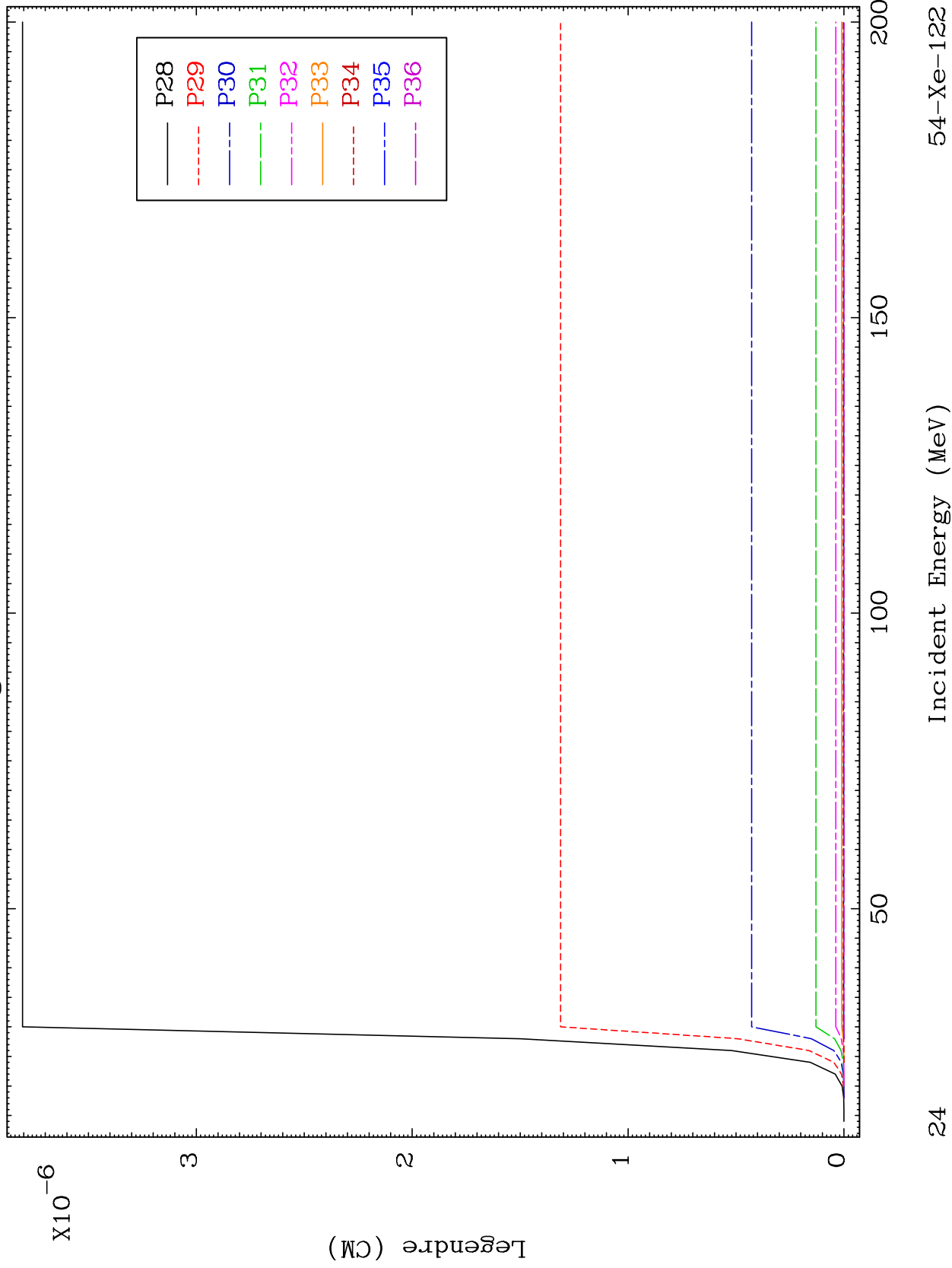
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



24

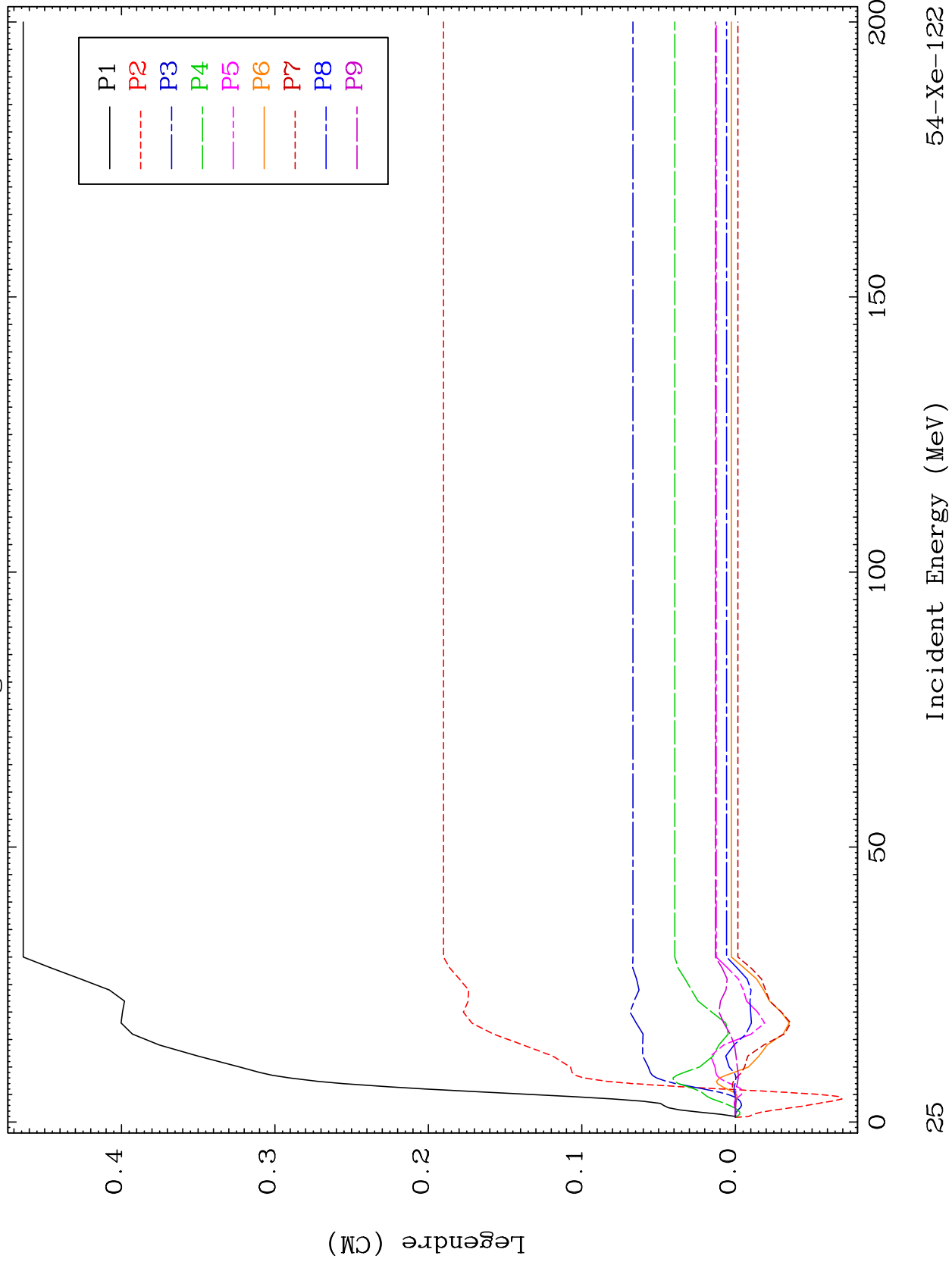
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

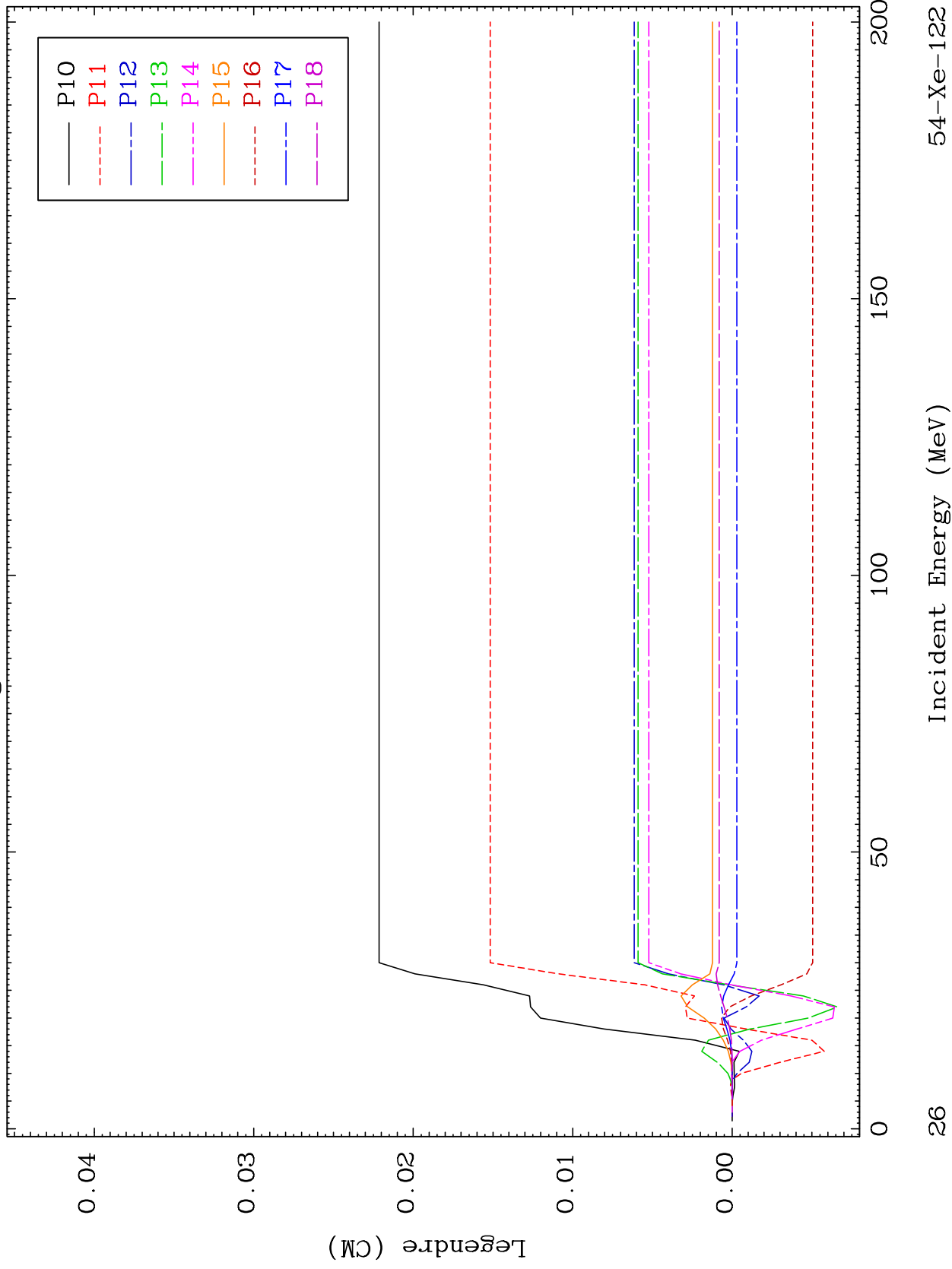
Incident Energy (MeV)

25

MAT 5419

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

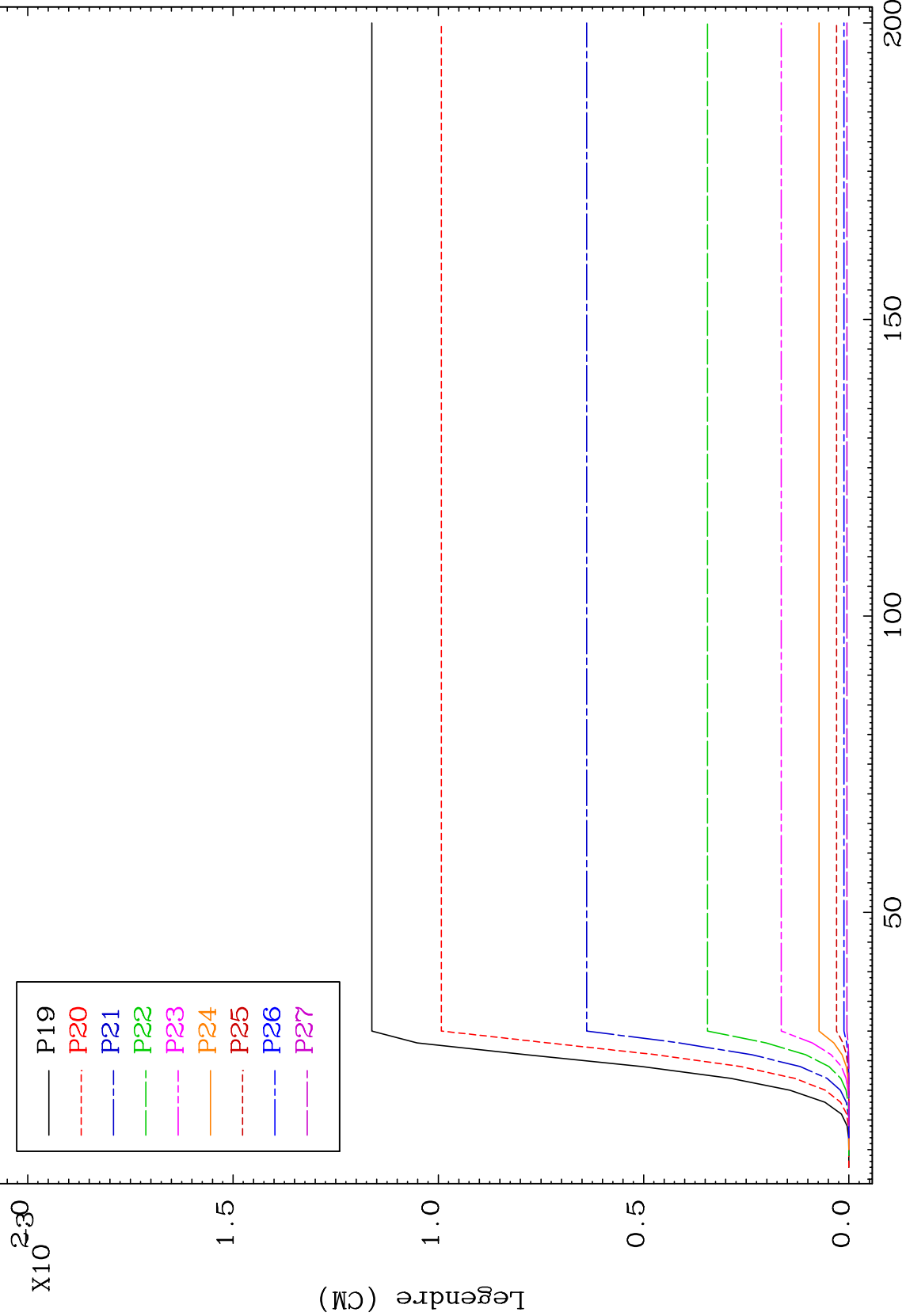
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MAT 5419

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

54-Xe-122



27

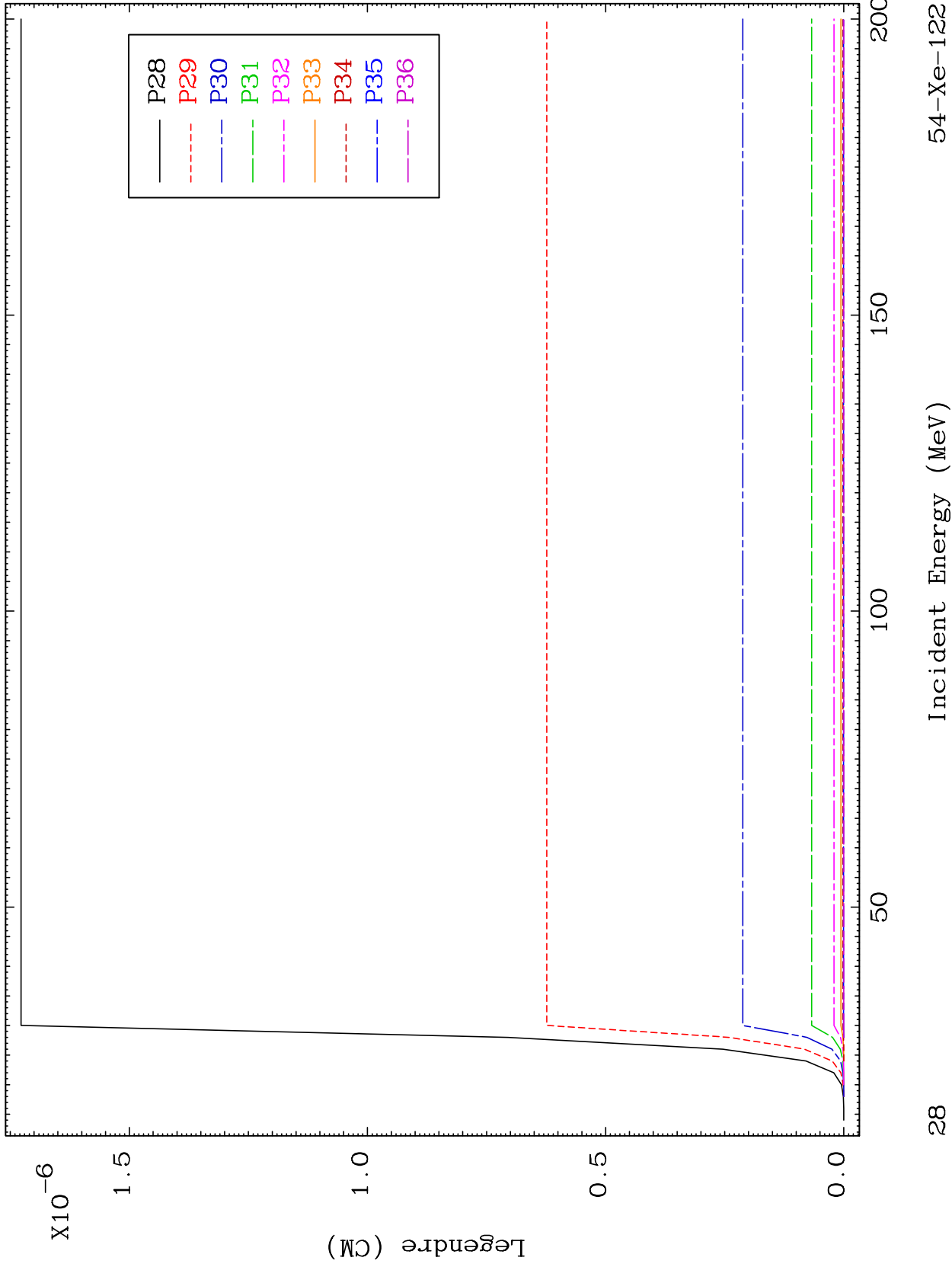
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



28

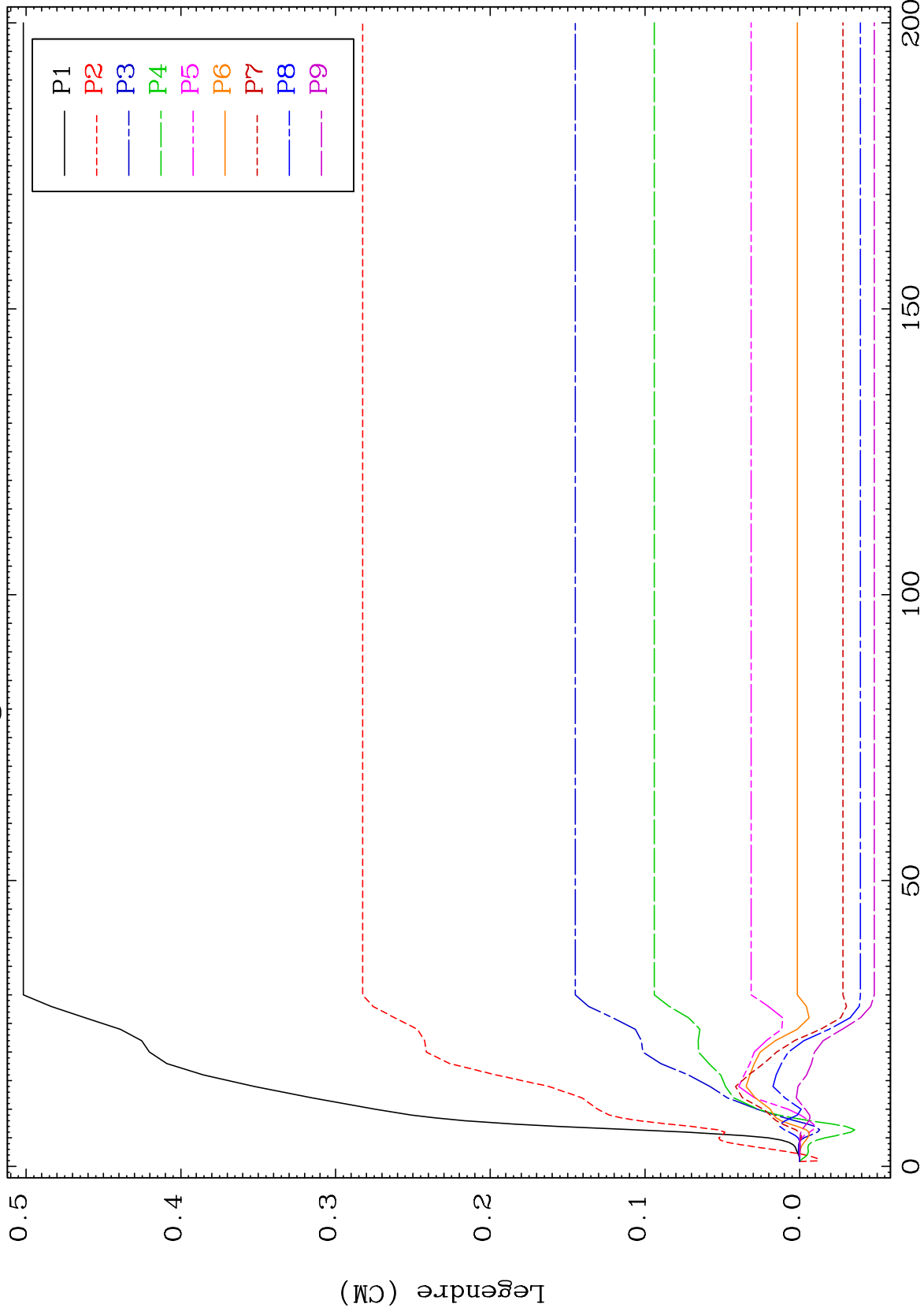
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



29

Incident Energy (MeV)

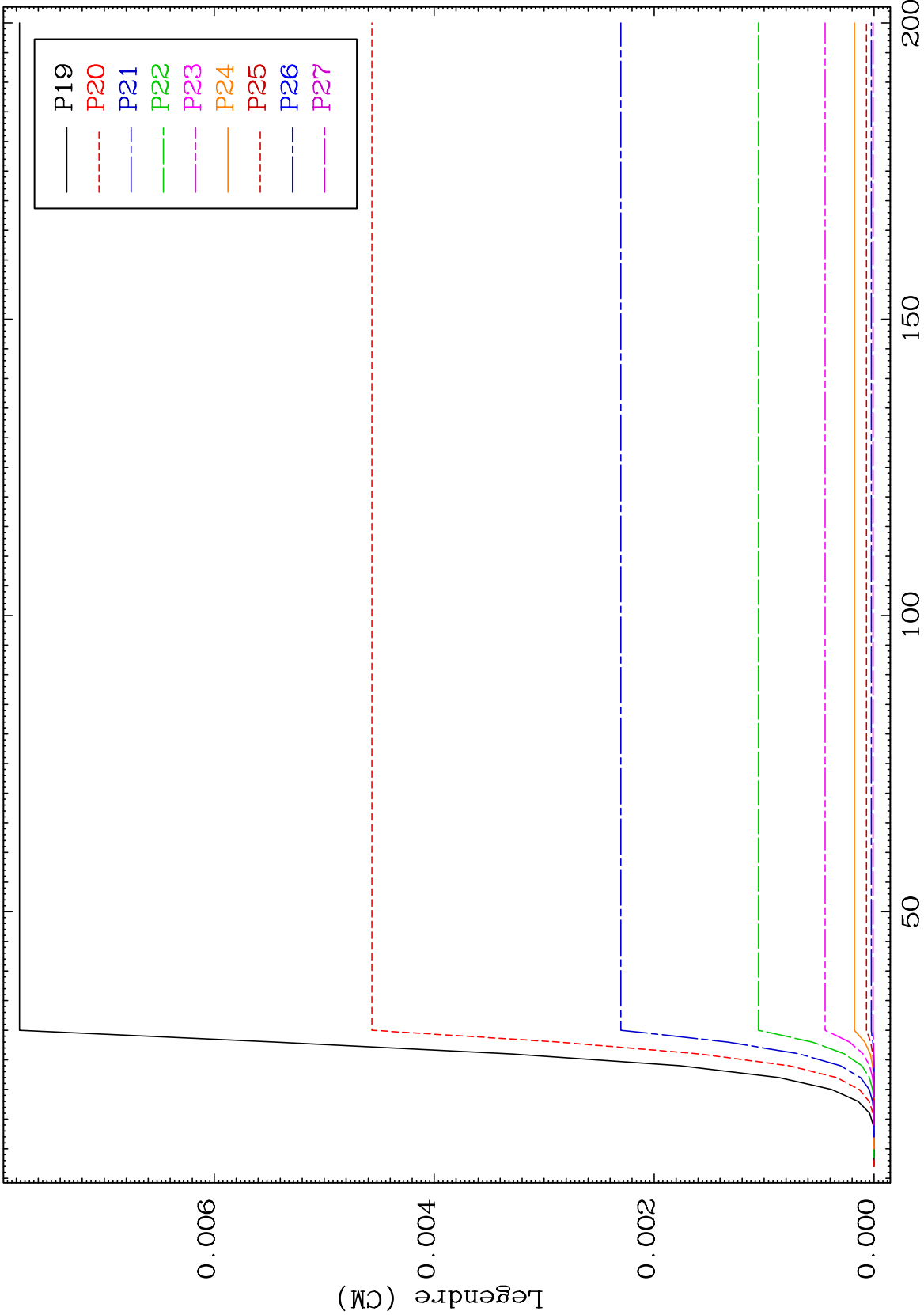
54-Xe-122



MAT 5419

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

54-Xe-122



31

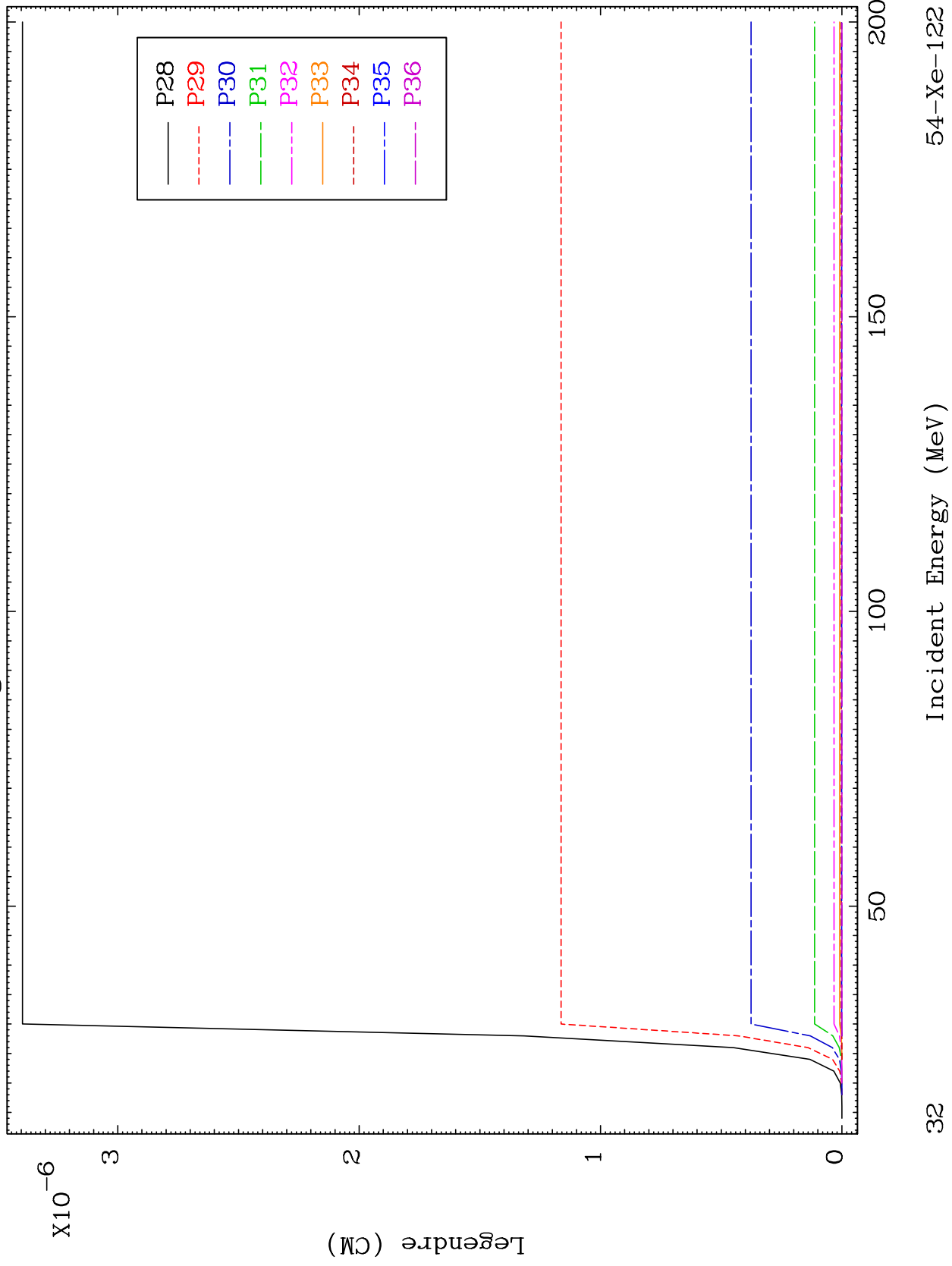
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

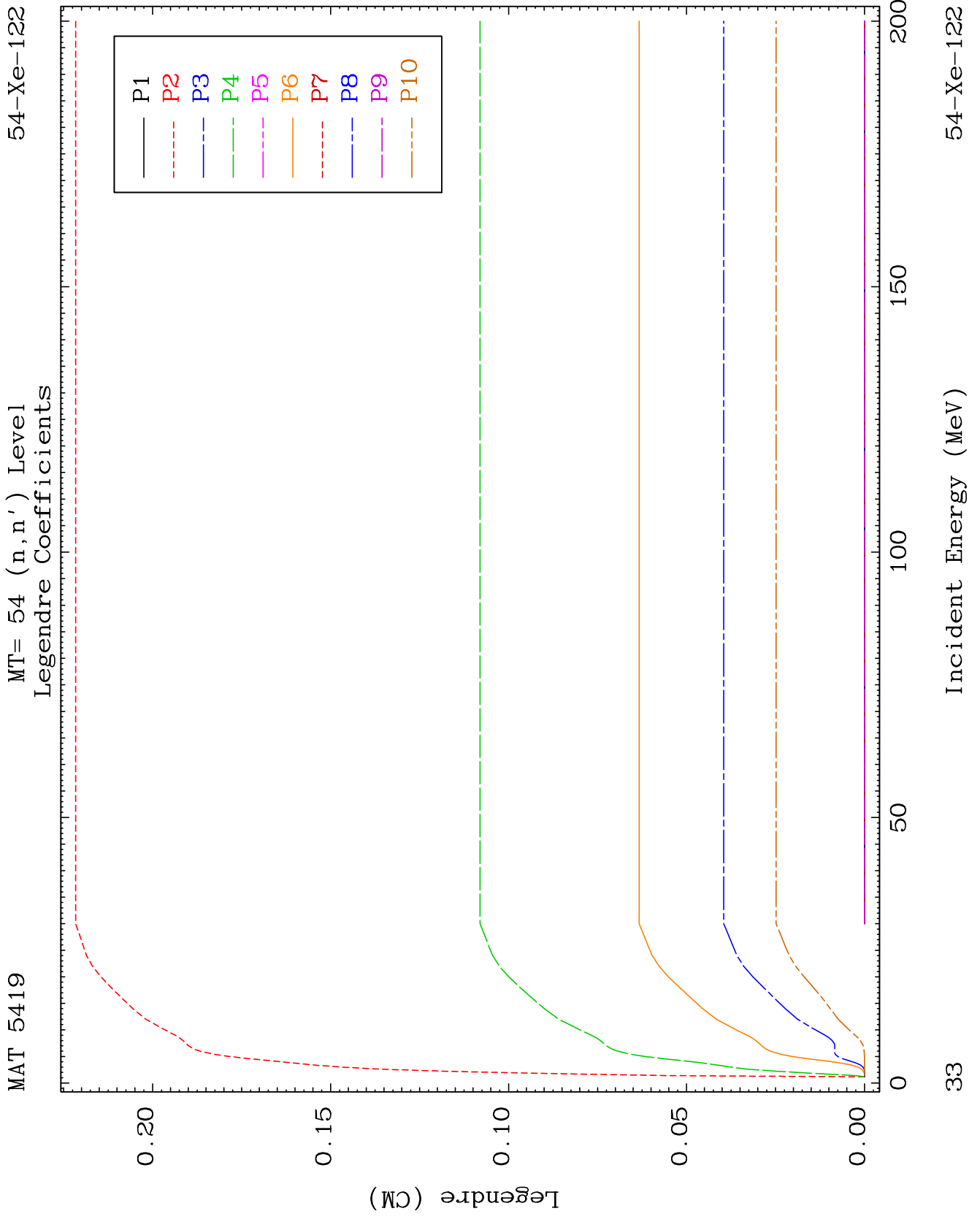
54-Xe-122



32

Incident Energy (MeV)

54-Xe-122



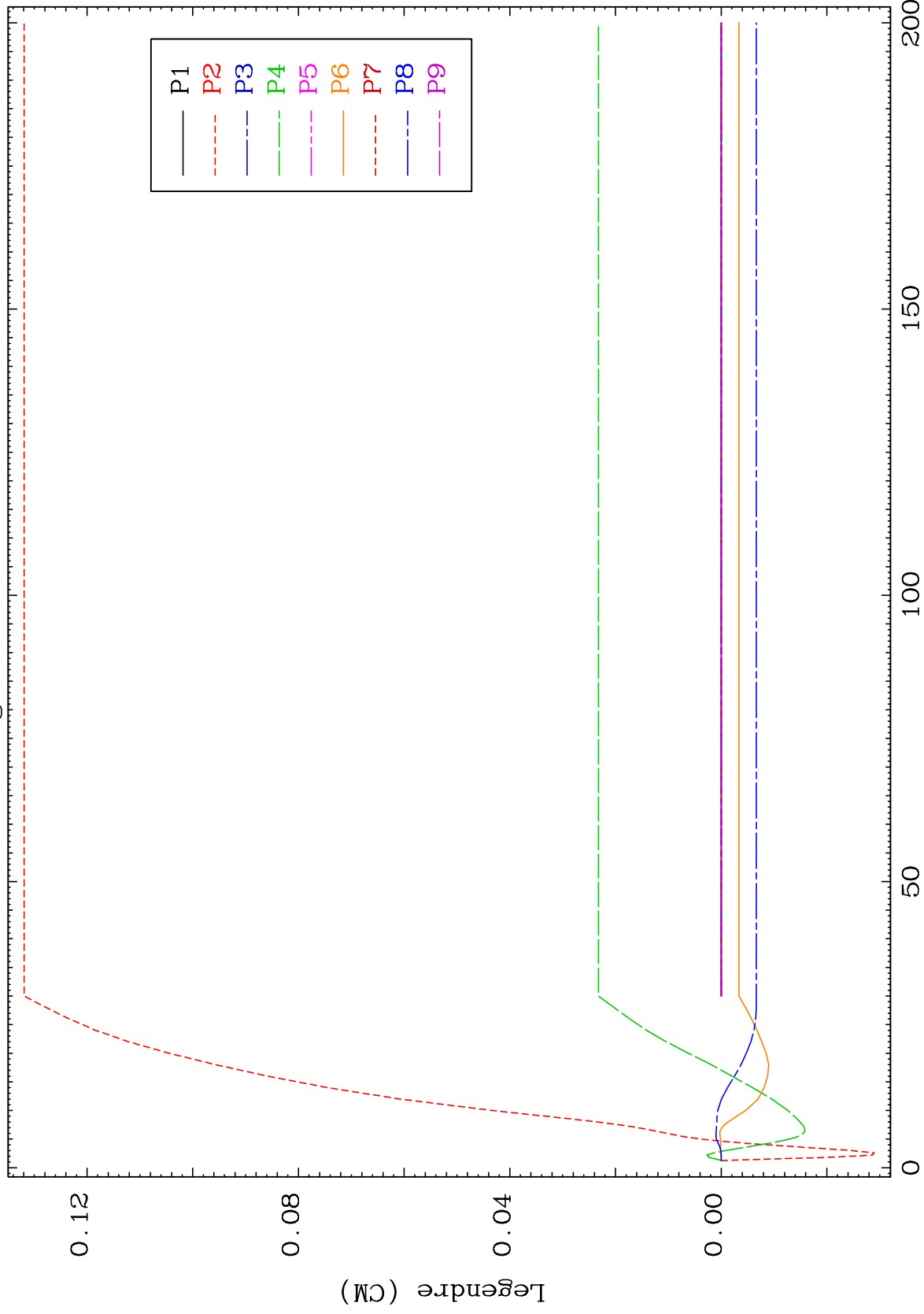




MAT 5419

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

54-Xe-122



36

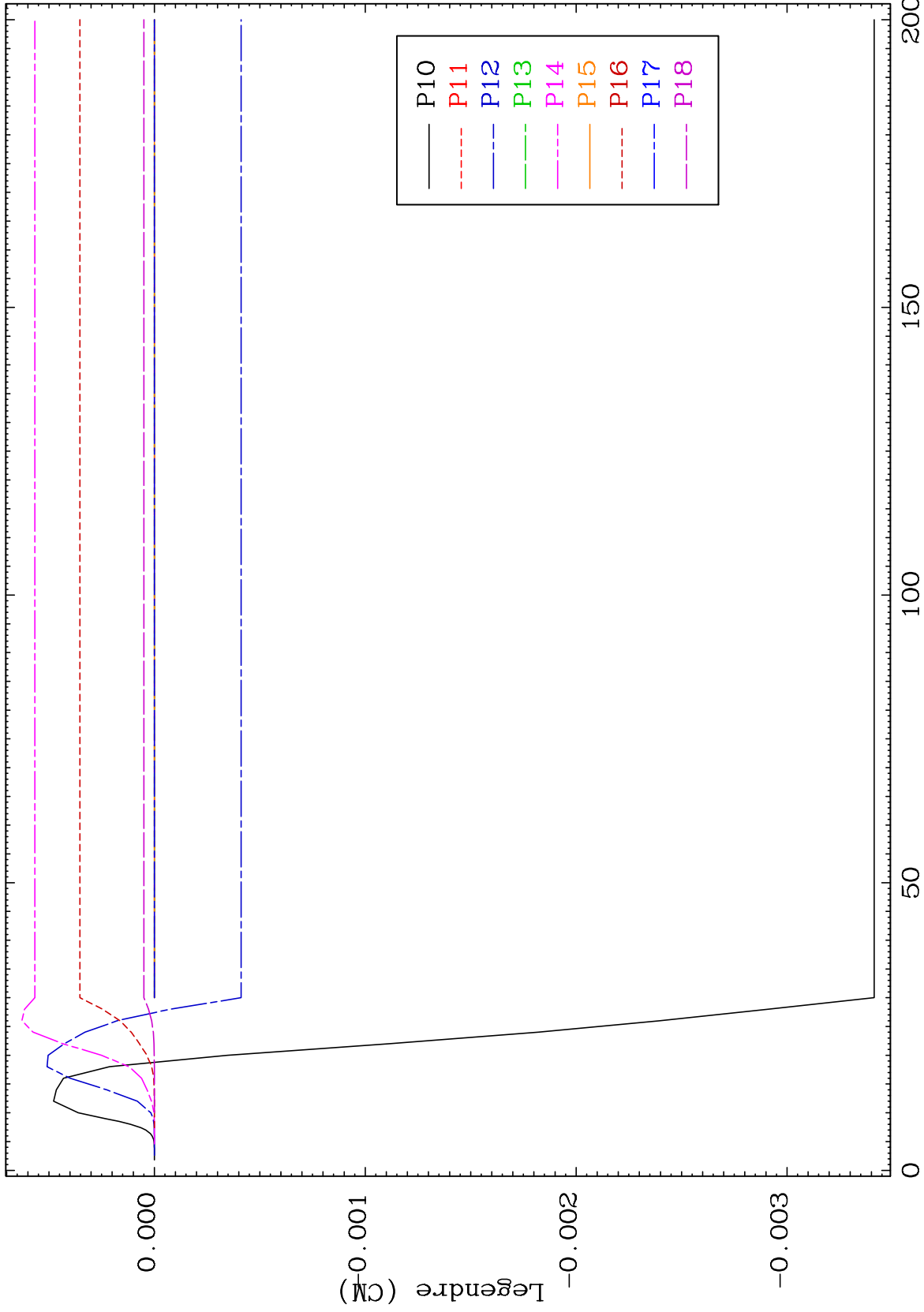
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



37

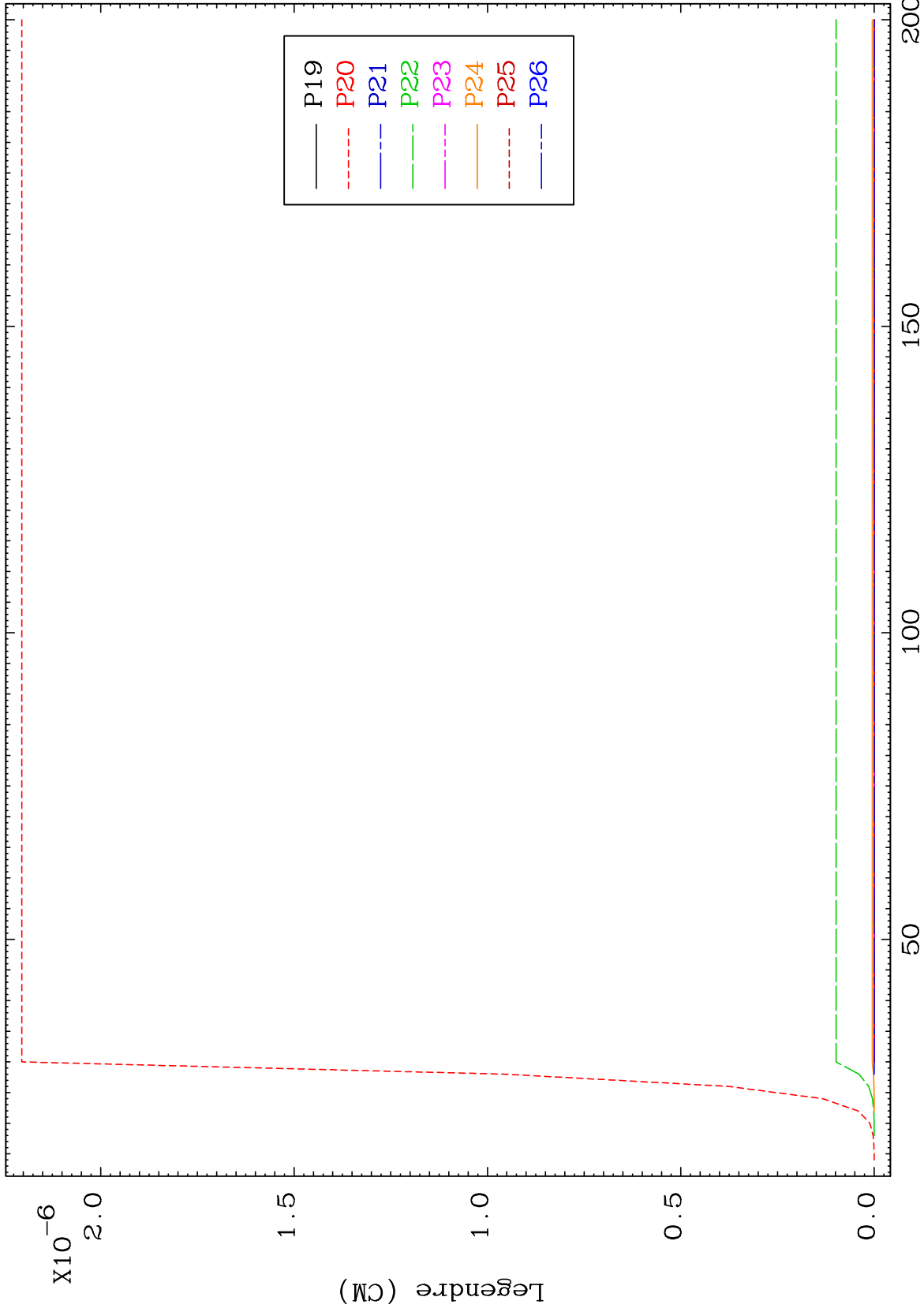
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



38

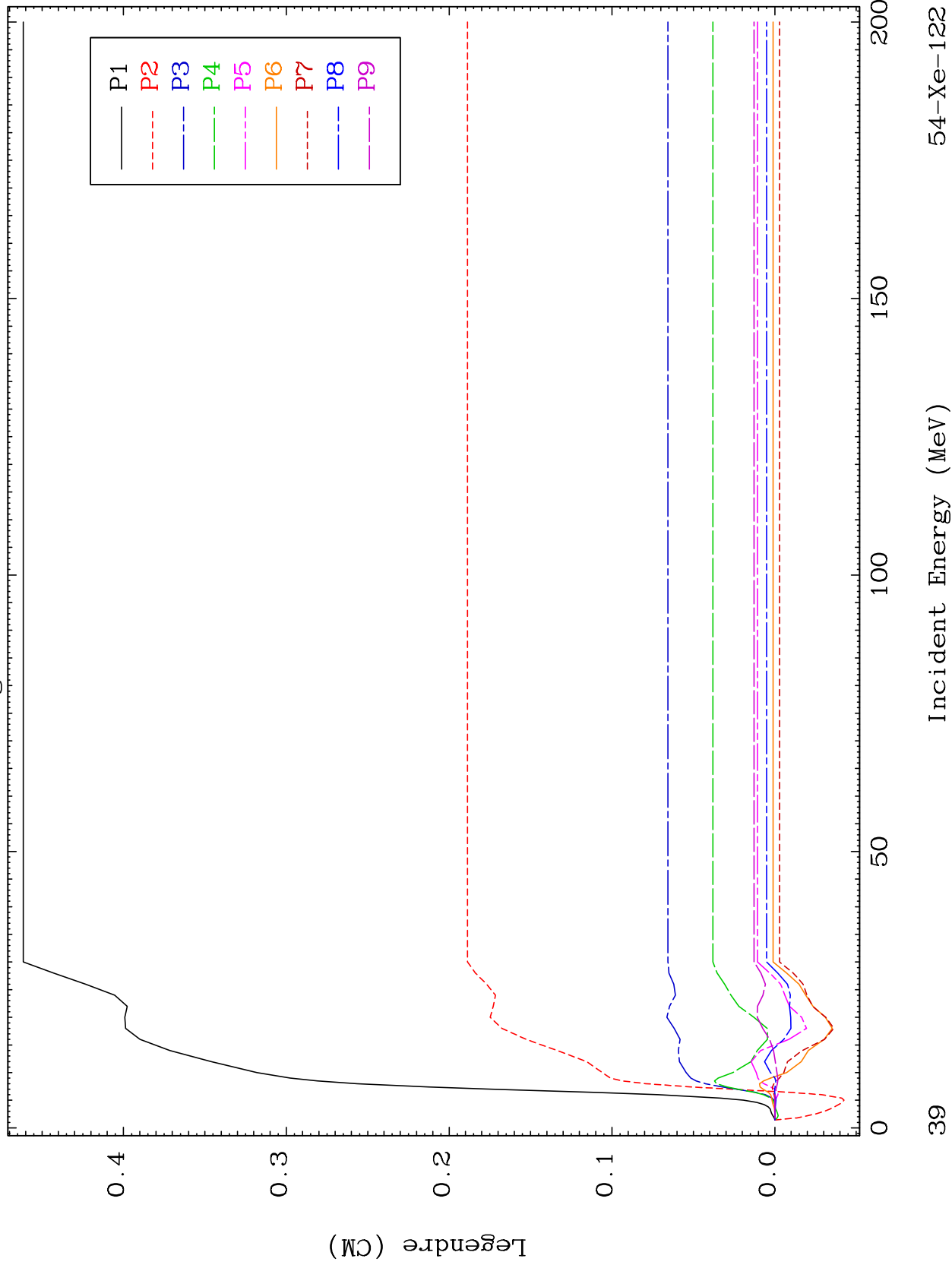
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

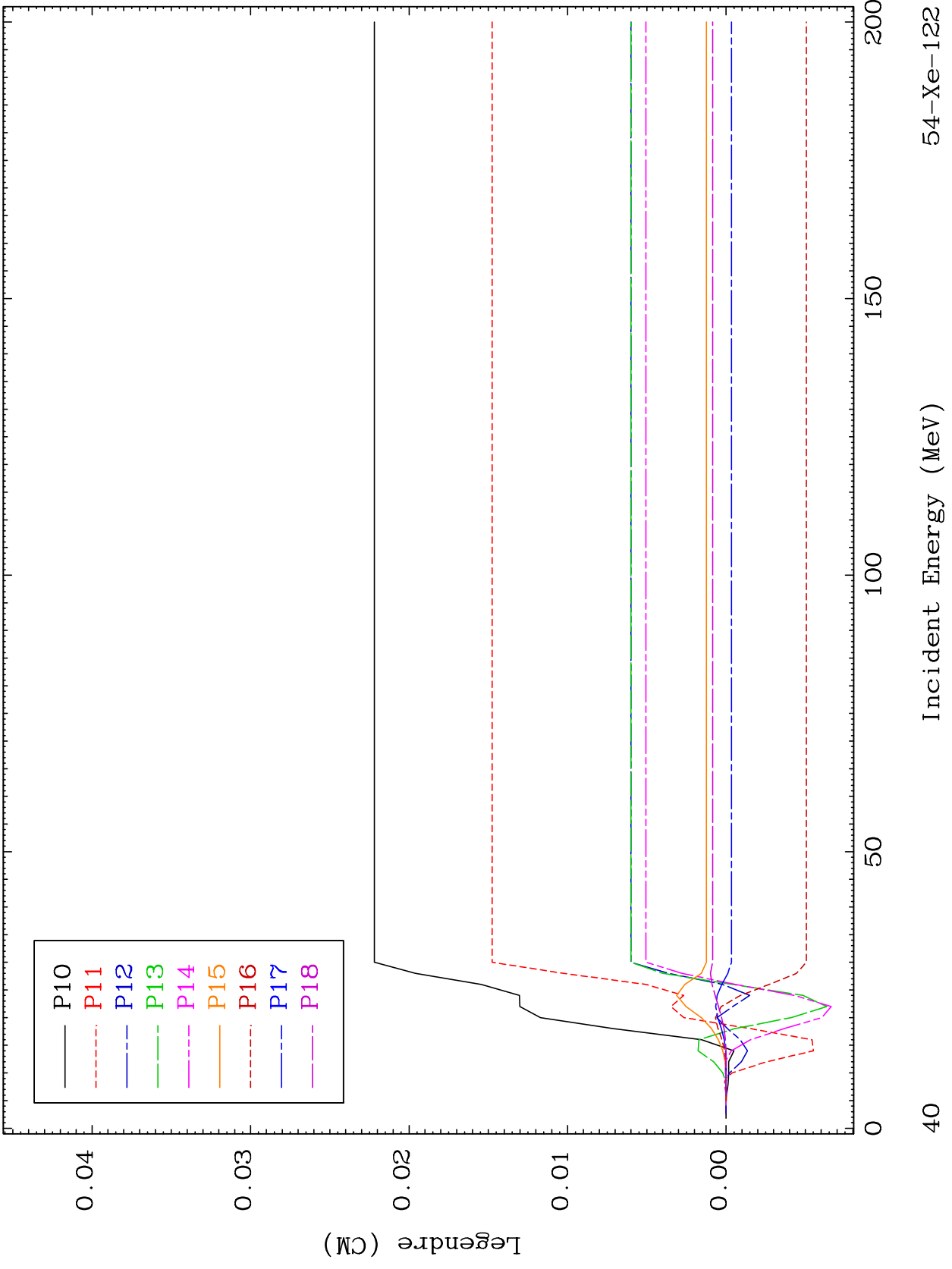
Incident Energy (MeV)

39

MAT 5419

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

54-Xe-122



54-Xe-122

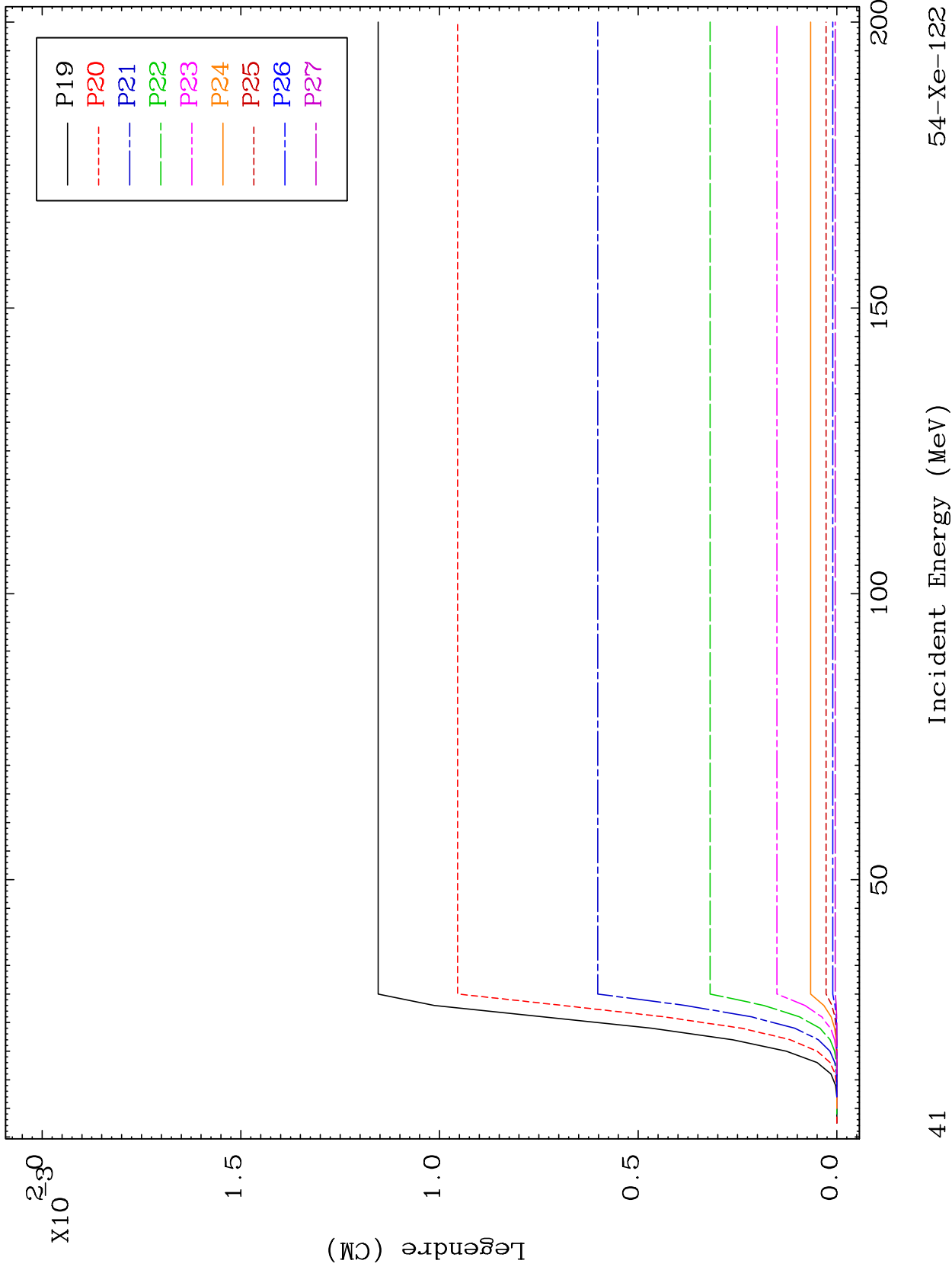
Incident Energy (MeV)

40

MAT 5419

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

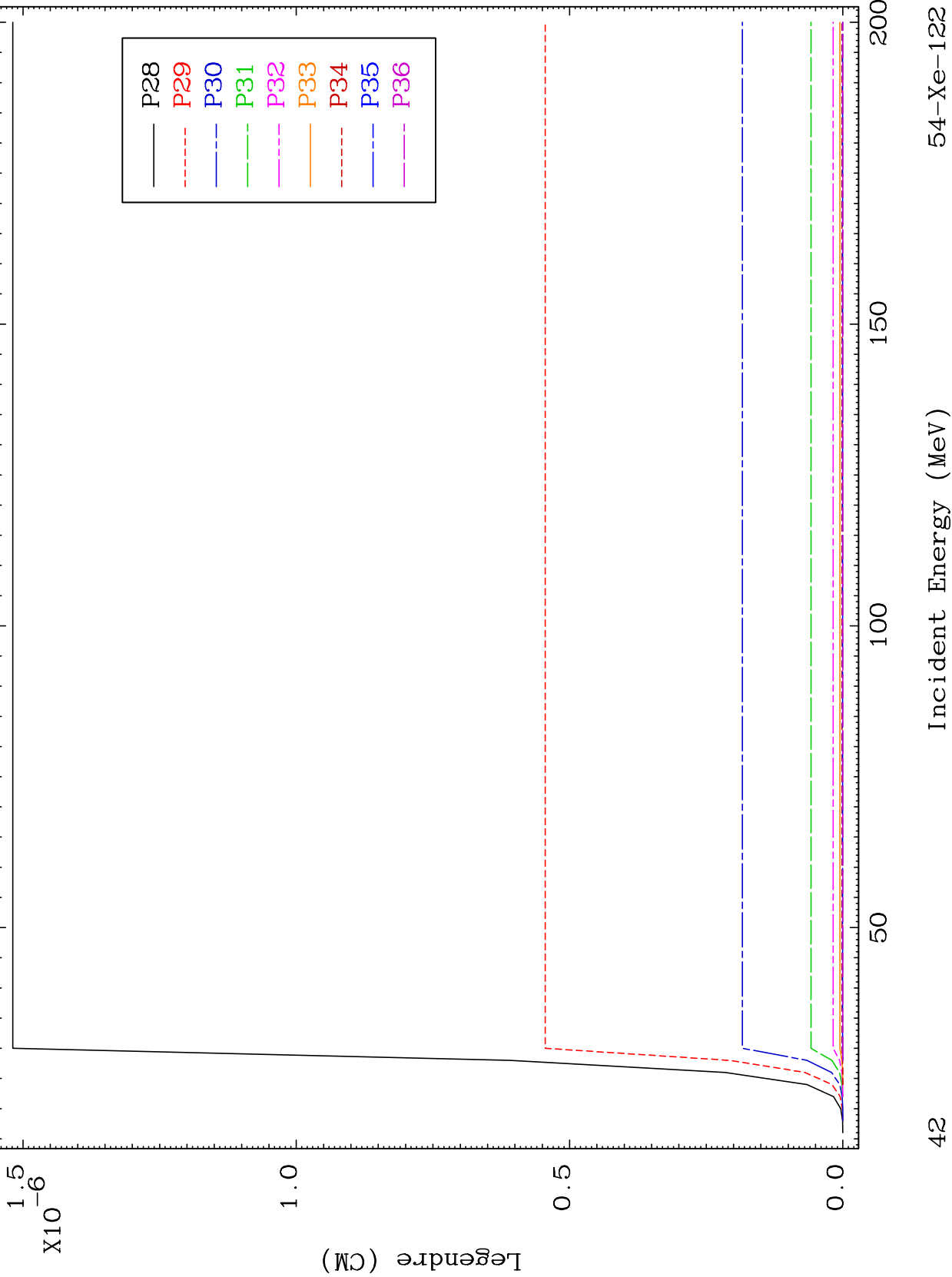
54-Xe-122



MAT 5419

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

54-Xe-122



42

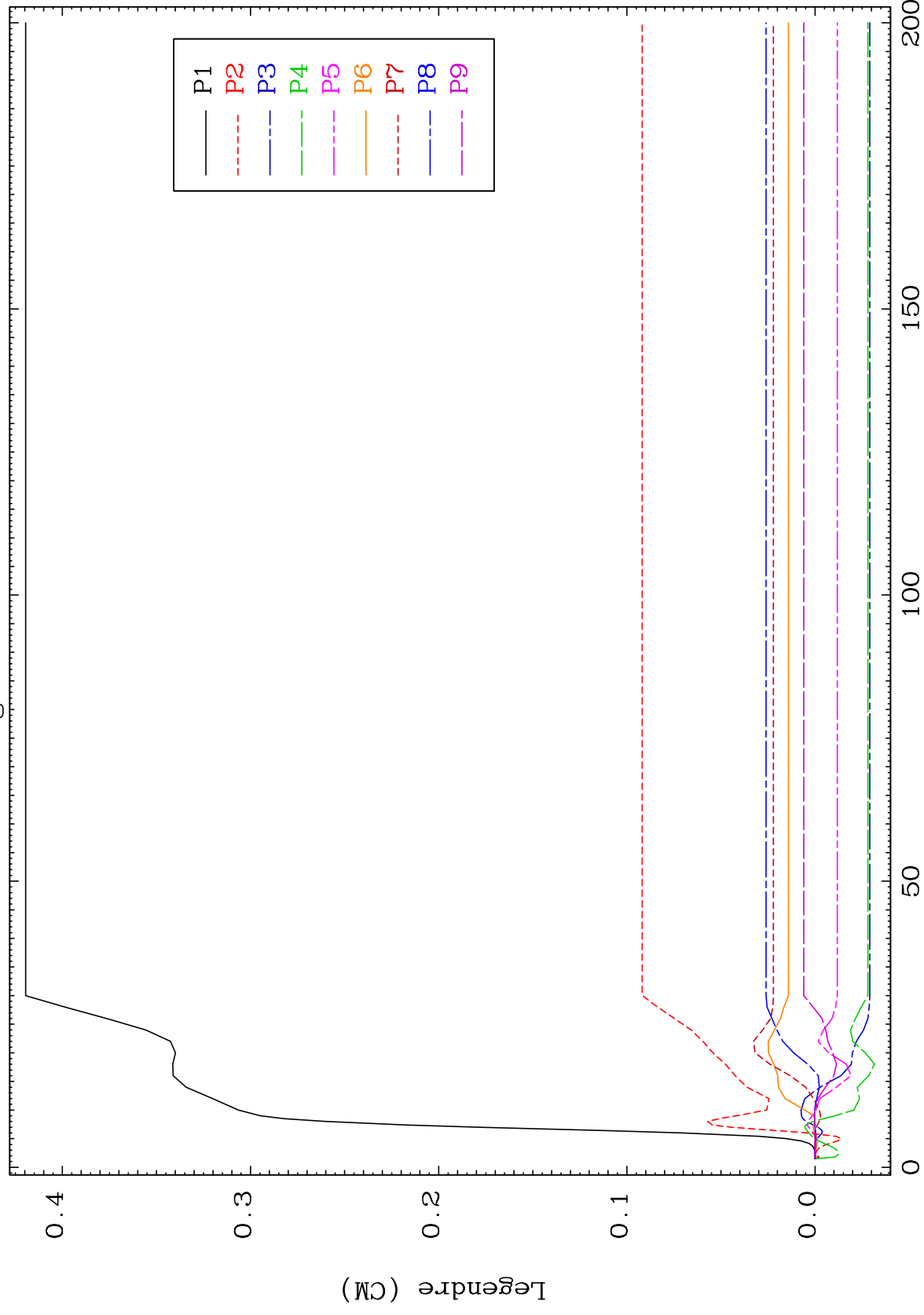
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



43

Incident Energy (MeV)

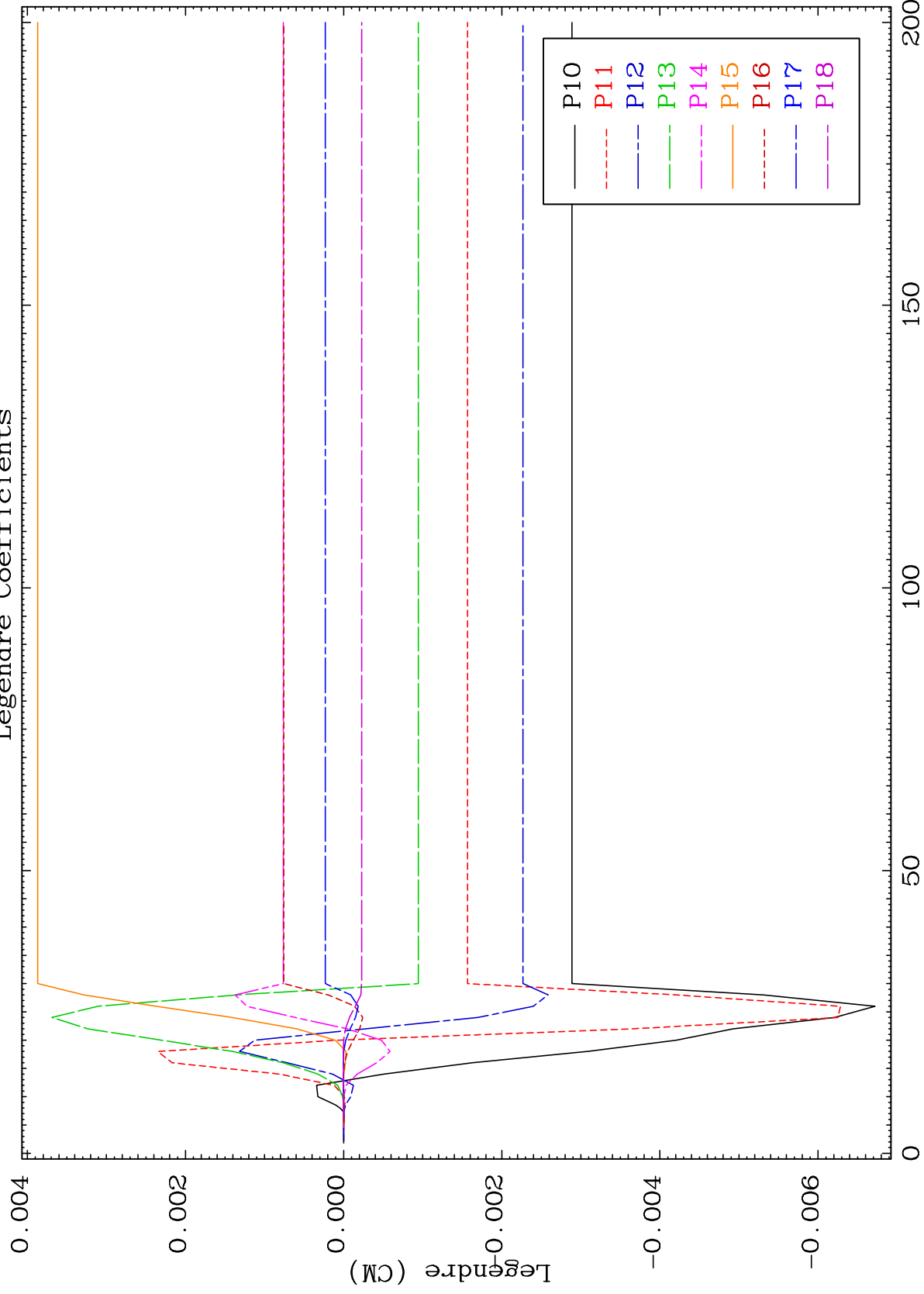
54-Xe-122

MAT 5419

MT= 57 (n,n') Level

54-Xe-122

Legendre Coefficients



44

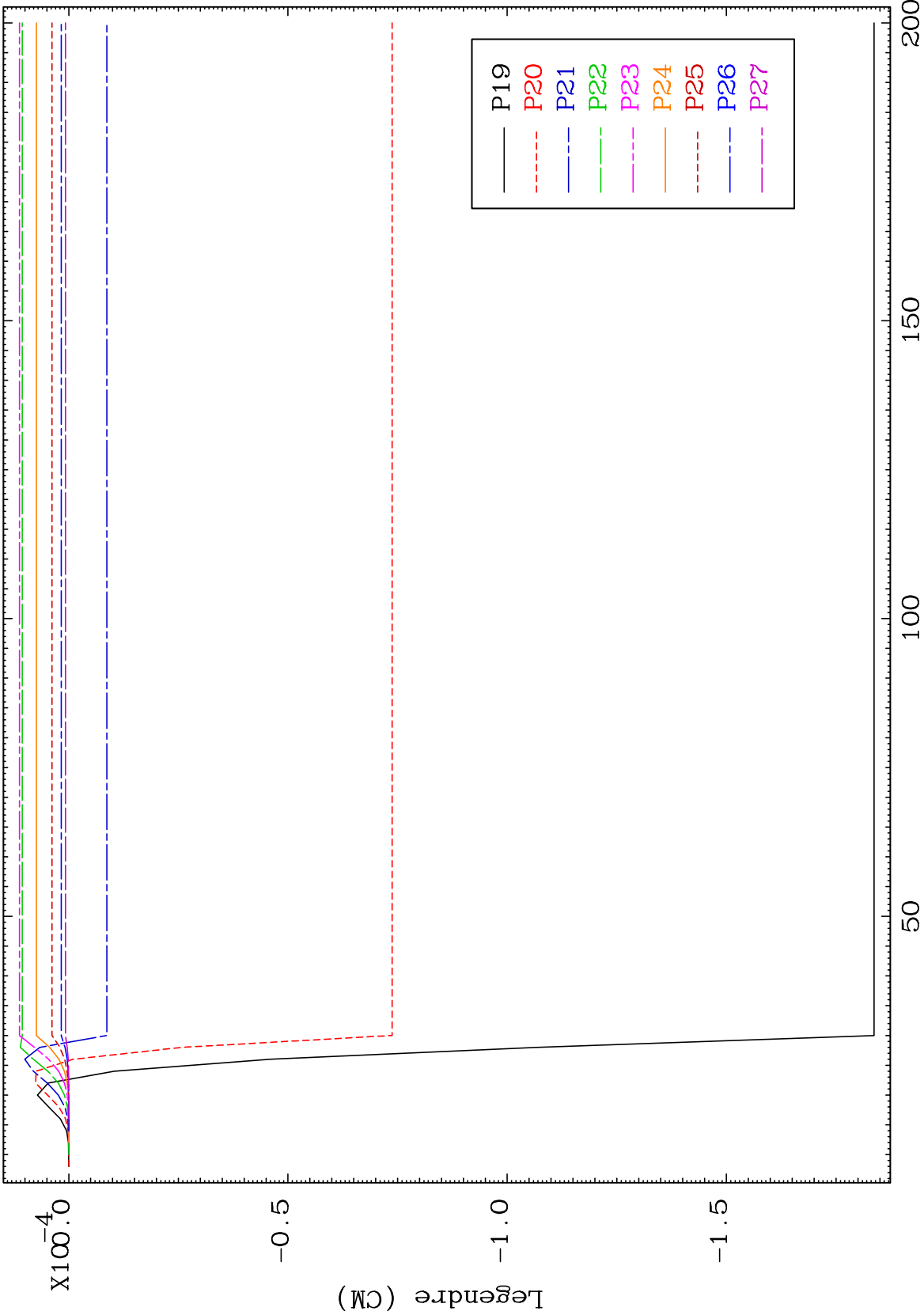
54-Xe-122

MAT 5419

MT= 57 (n,n') Level

54-Xe-122

Legendre Coefficients



54-Xe-122

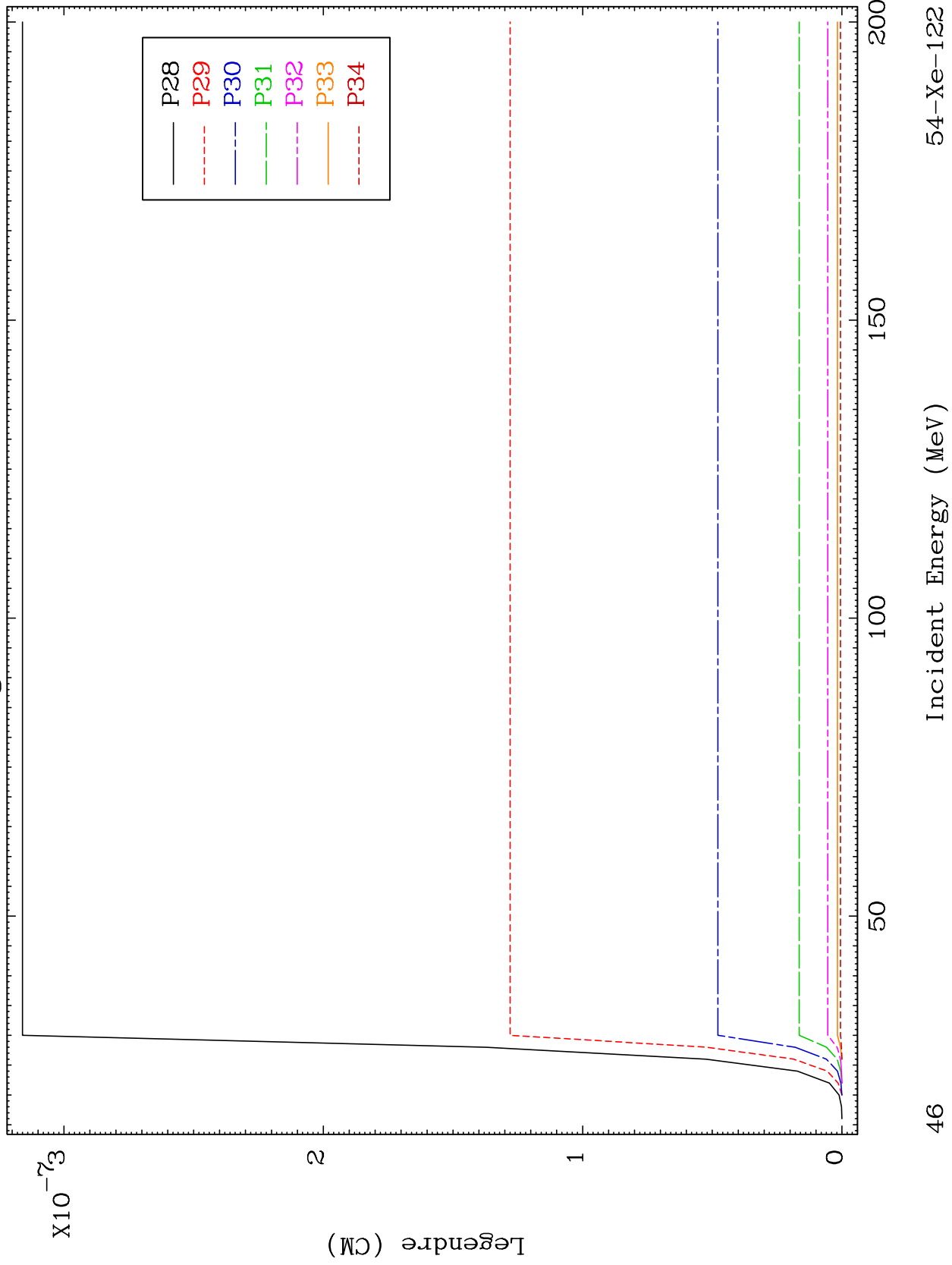
Incident Energy (MeV)

45

MAT 5419

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

54-Xe-122

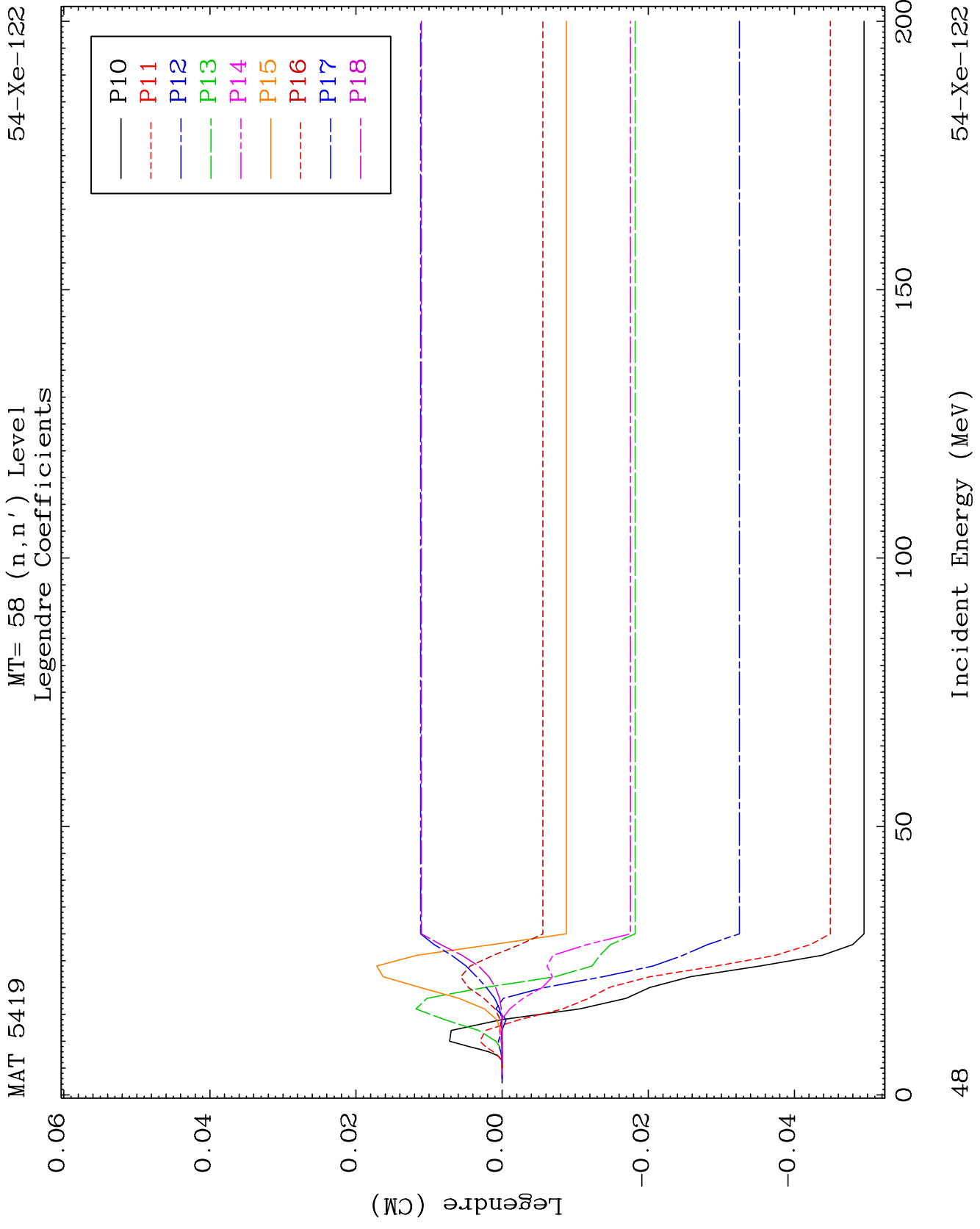


46

Incident Energy (MeV)

54-Xe-122

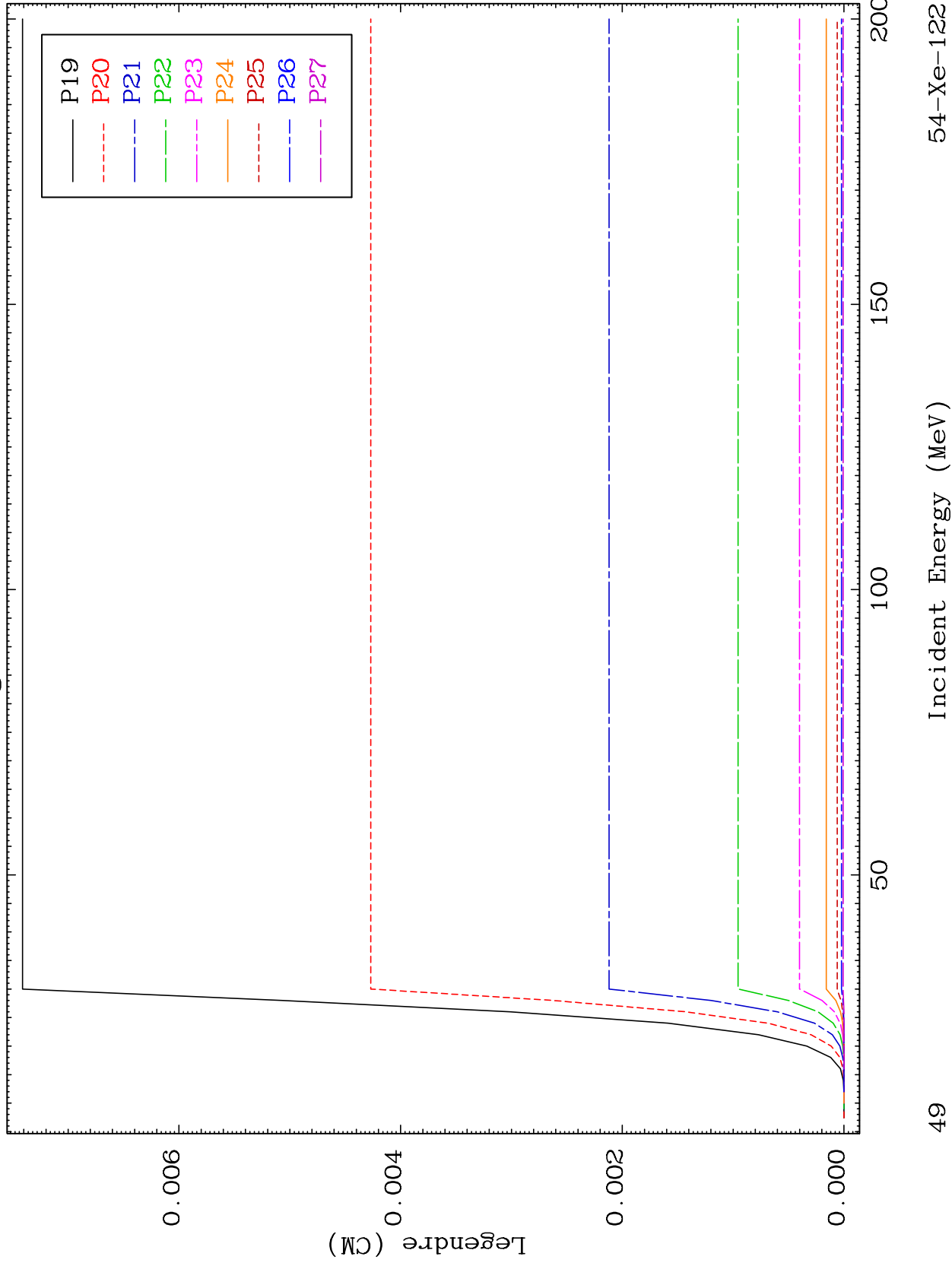




MAT 5419

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

54-Xe-122



49

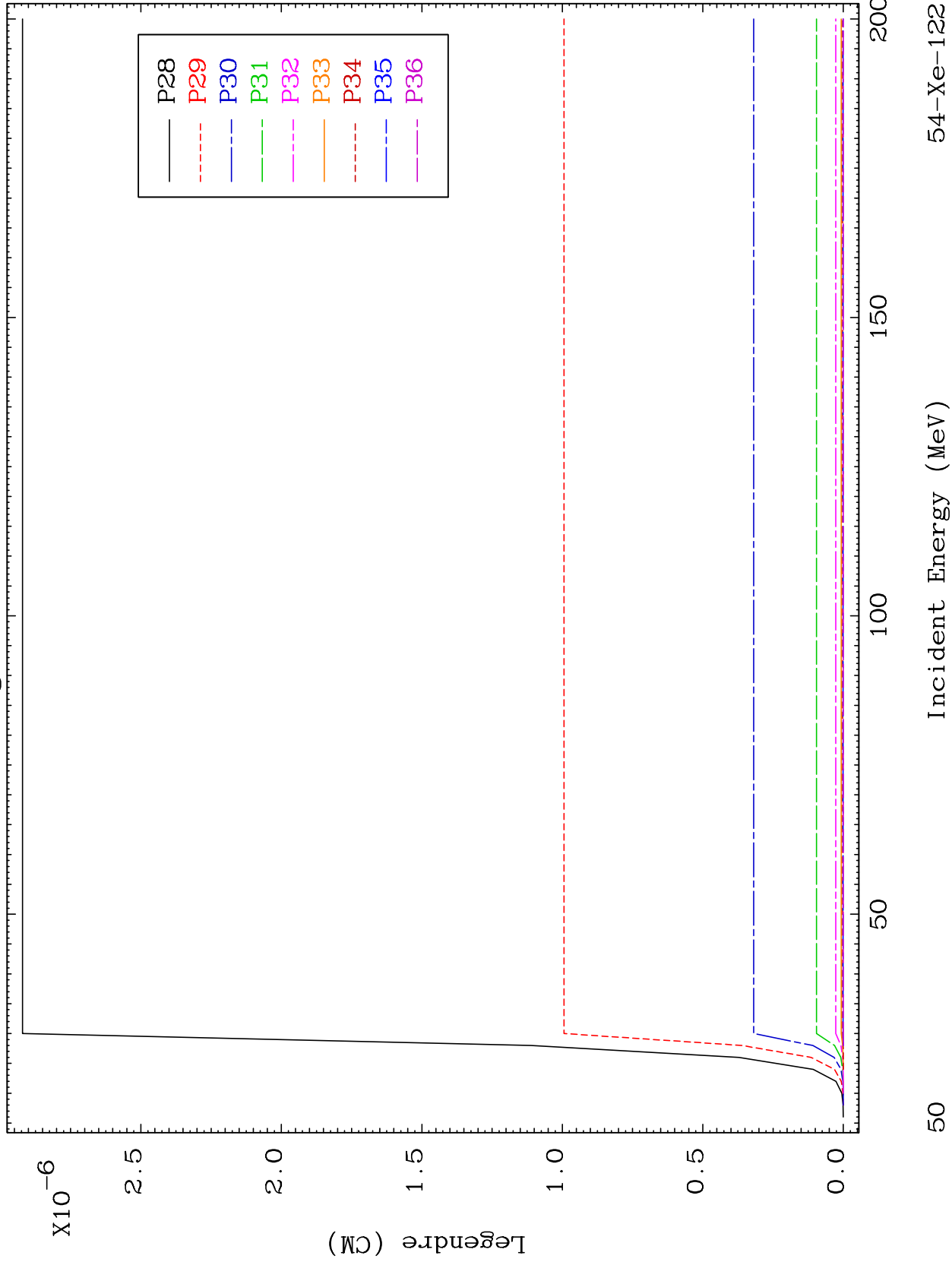
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

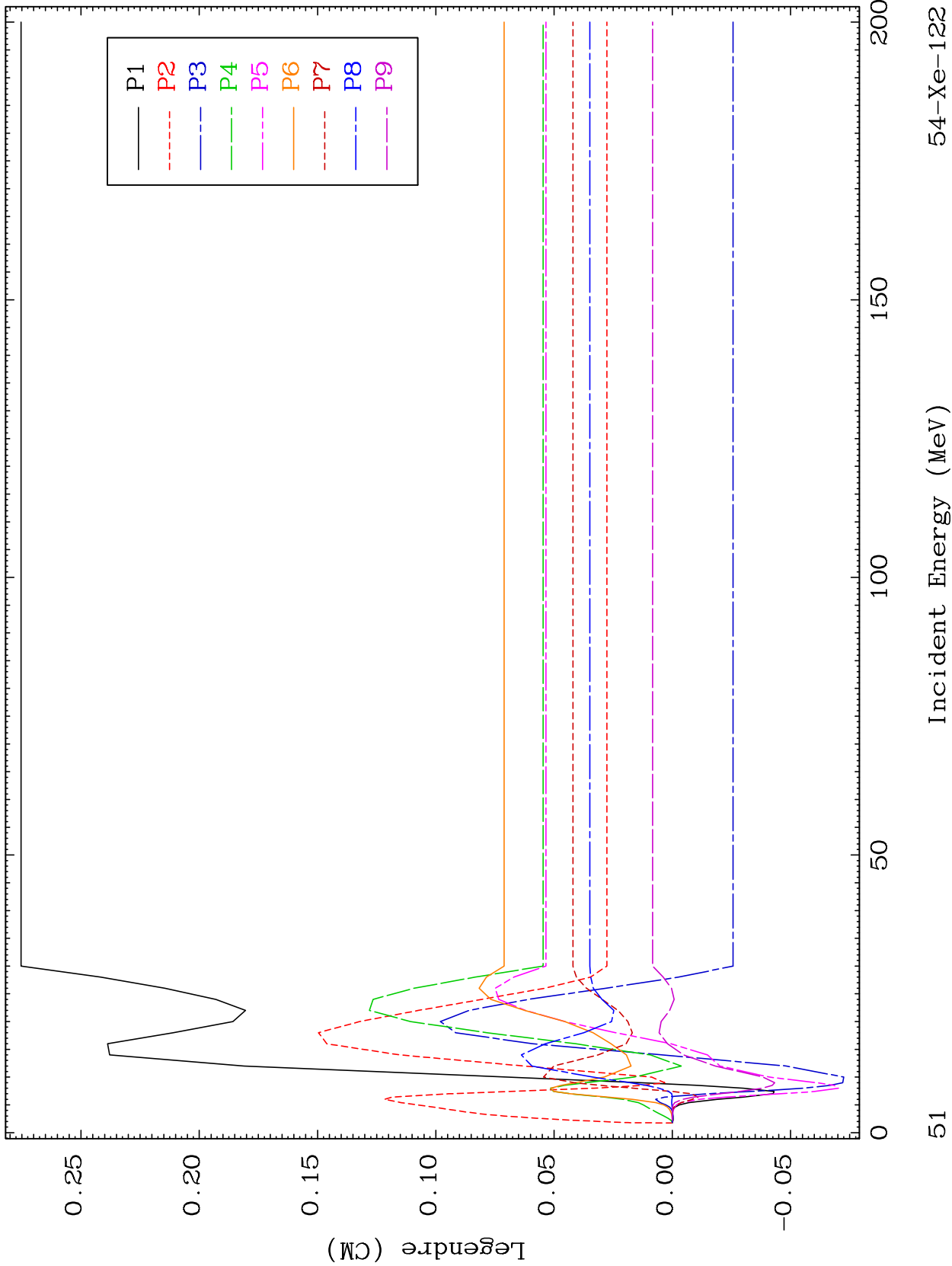
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

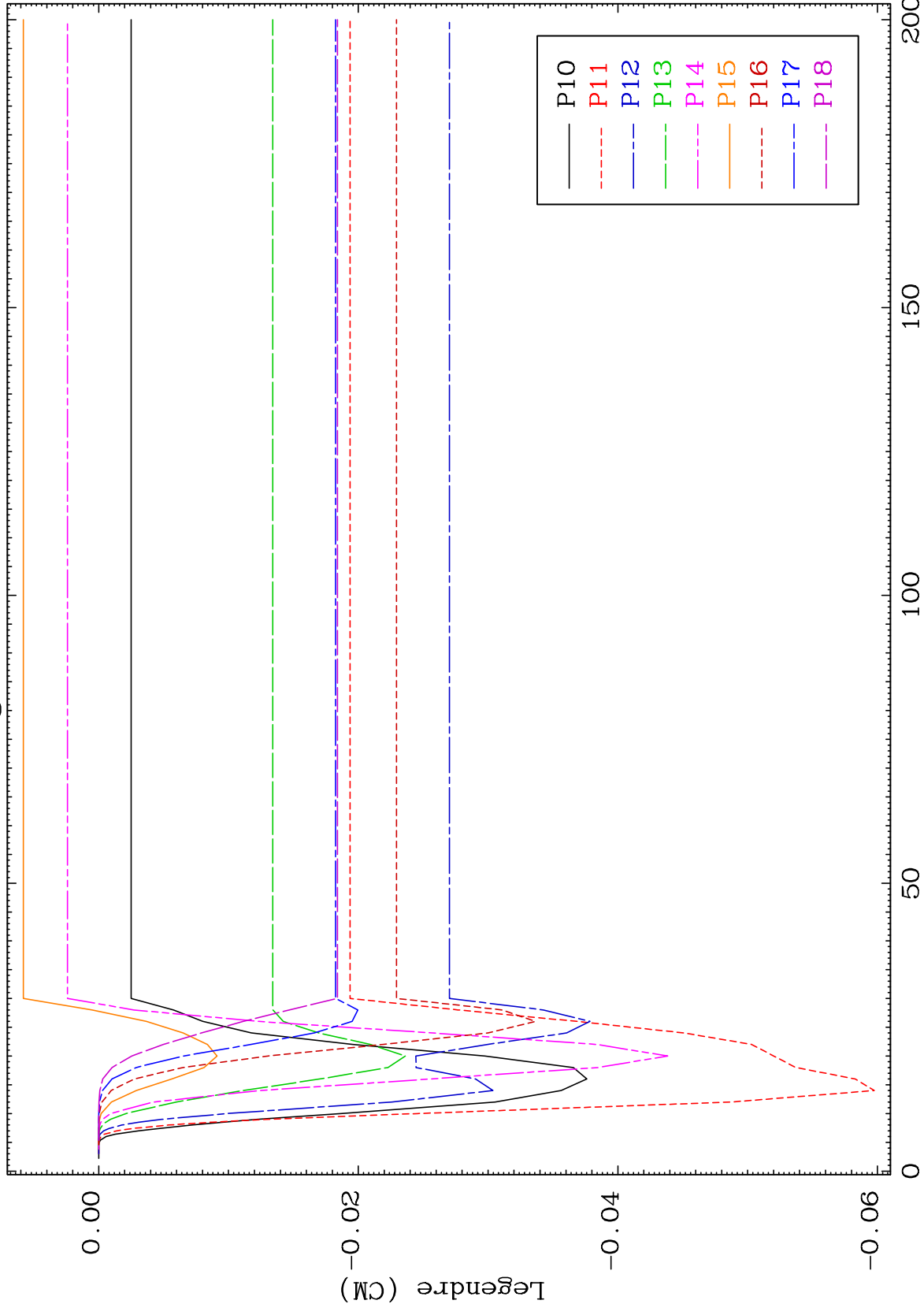
Incident Energy (MeV)

51

MAT 5419

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

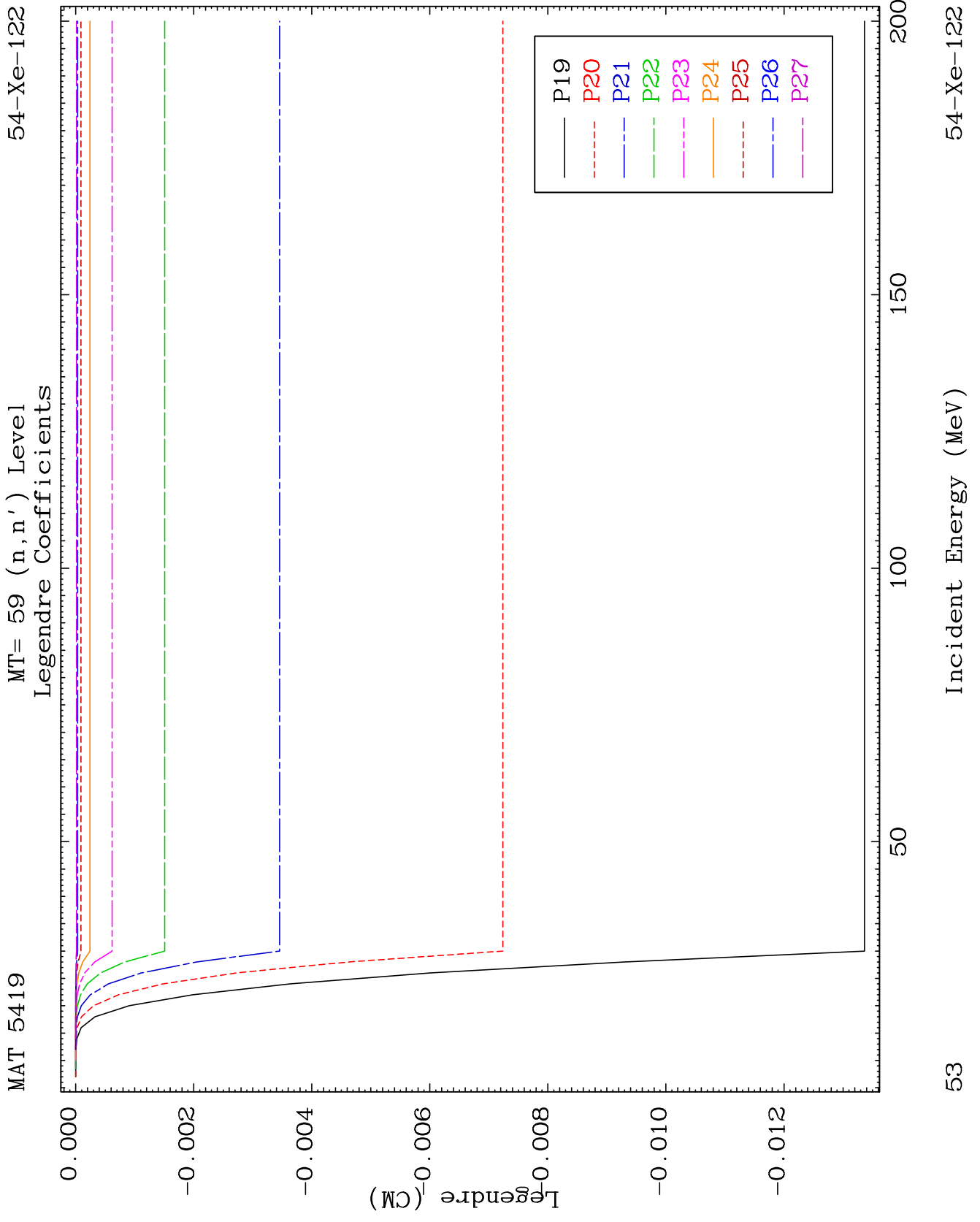
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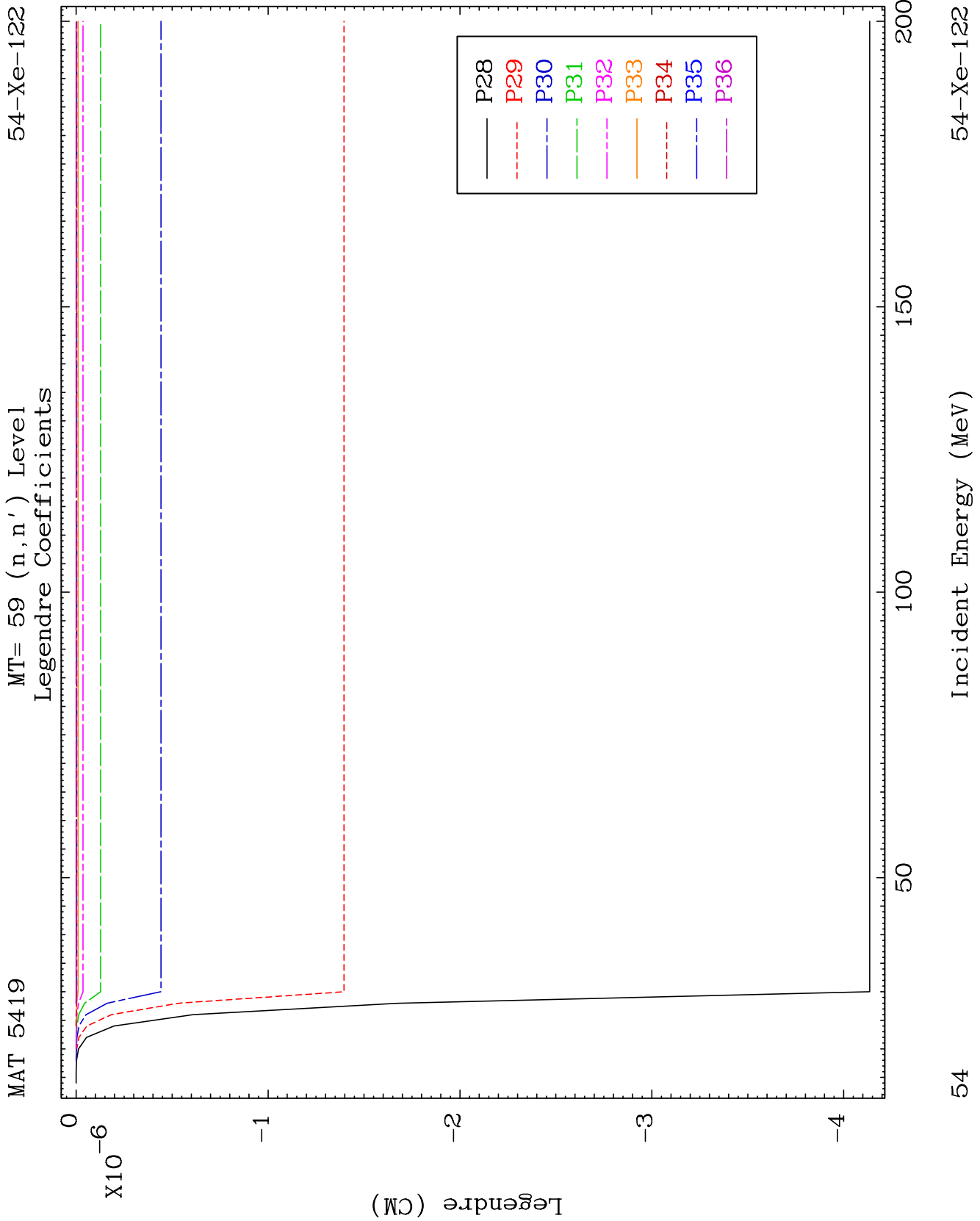


52

Incident Energy (MeV)

54-Xe-122

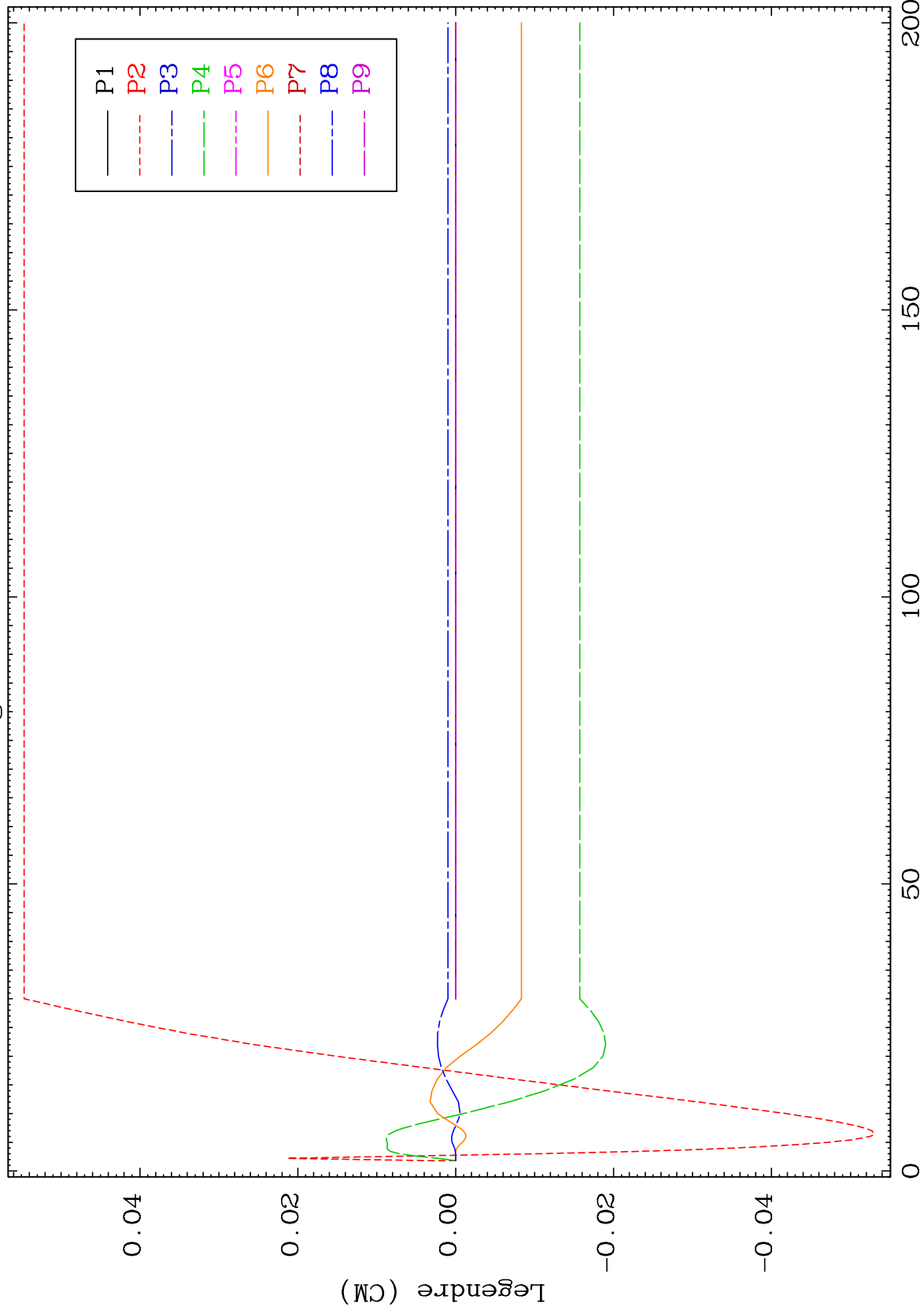




MAT 5419

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

54-Xe-122



54-Xe-122

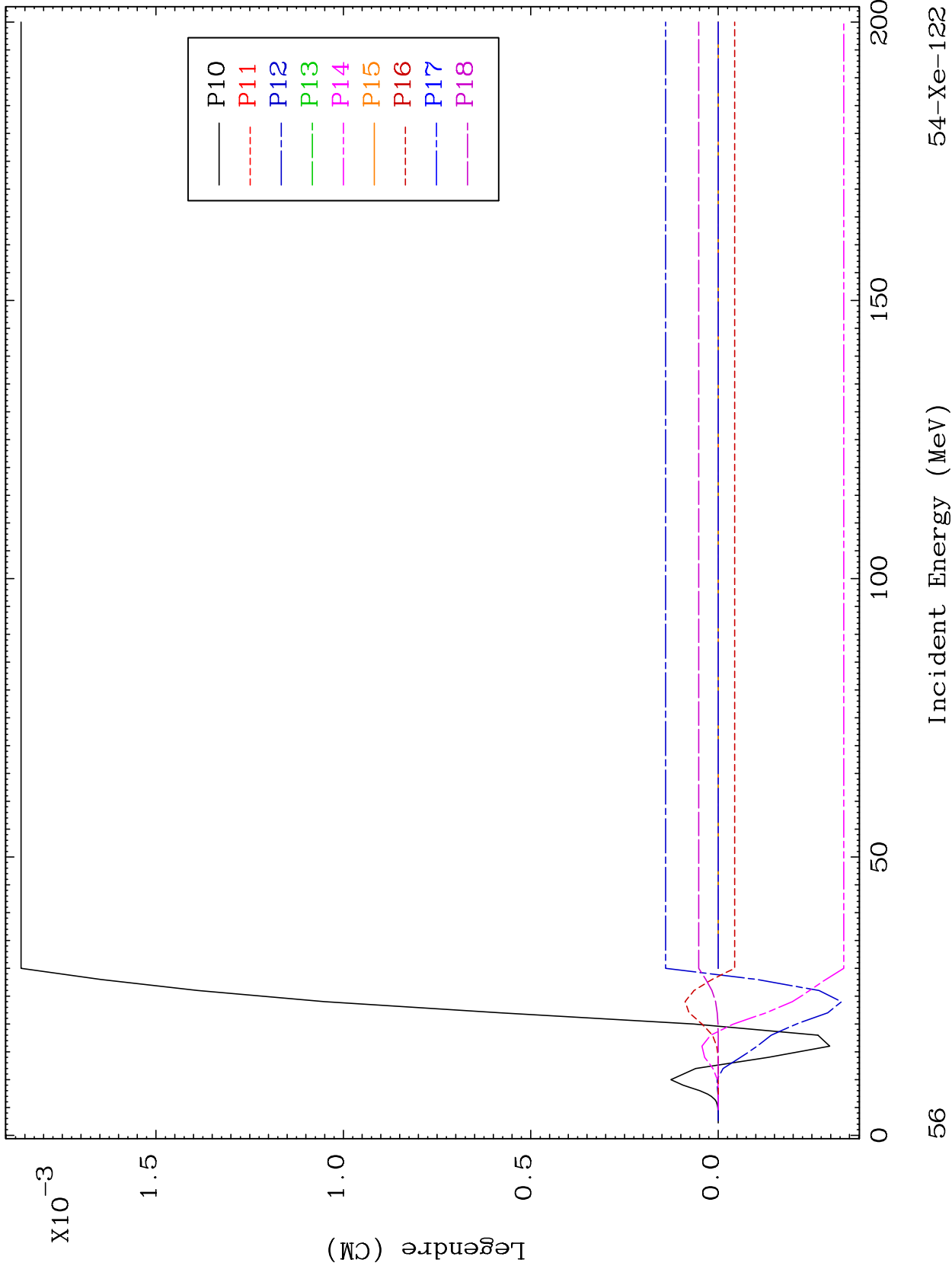
Incident Energy (MeV)

55

MAT 5419

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

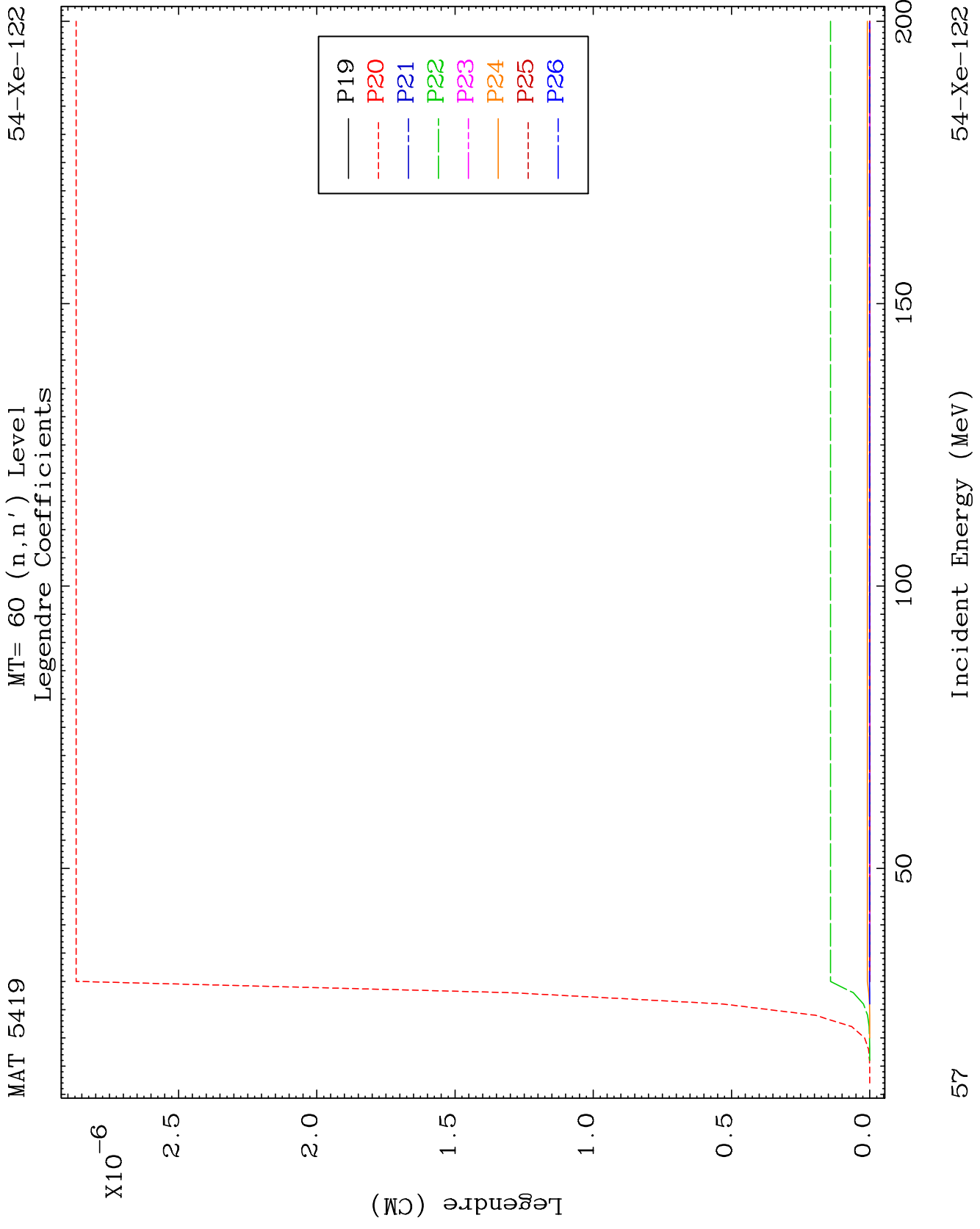
54-Xe-122



56

Incident Energy (MeV)

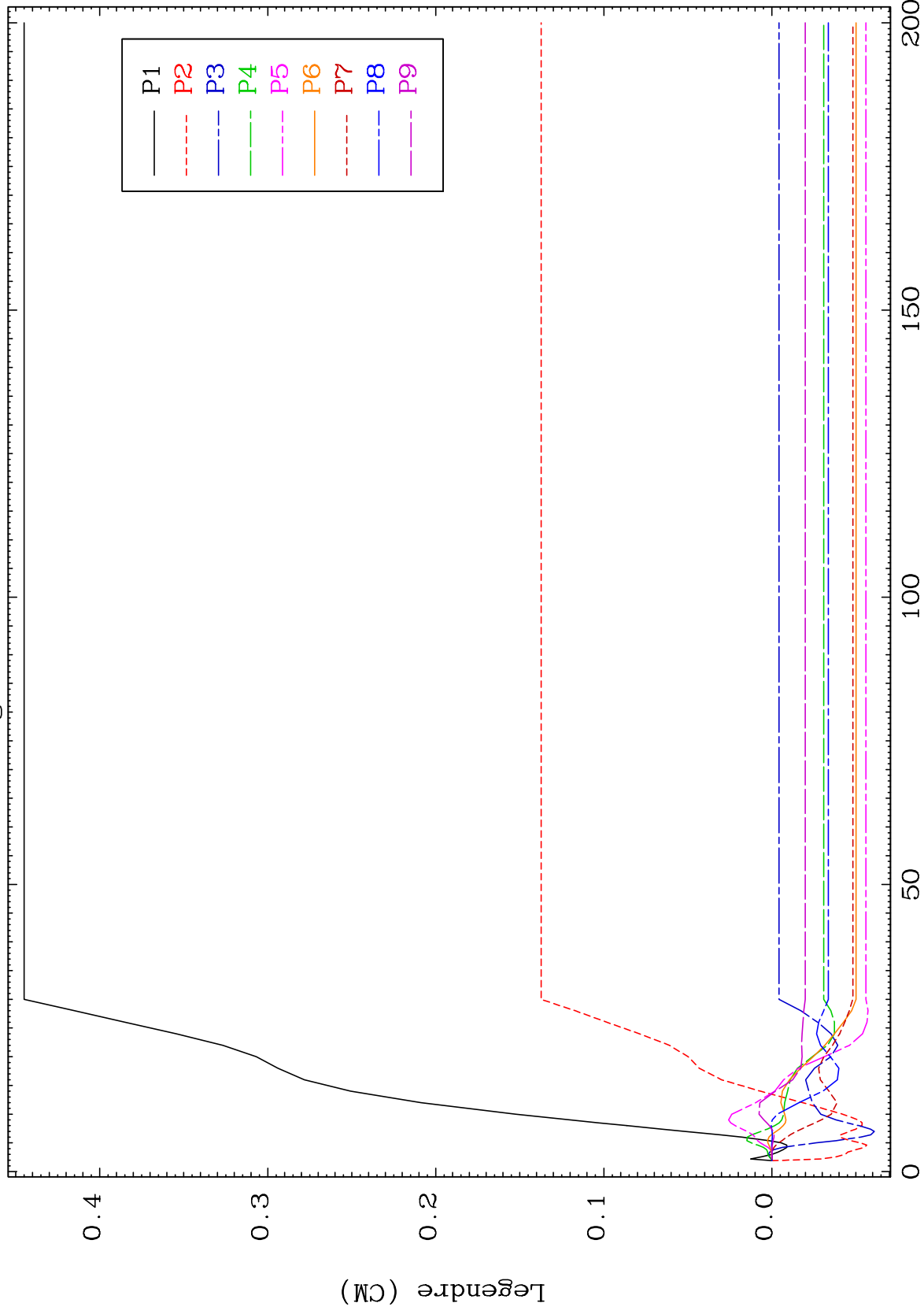
54-Xe-122



MAT 5419

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

54-Xe-122



58

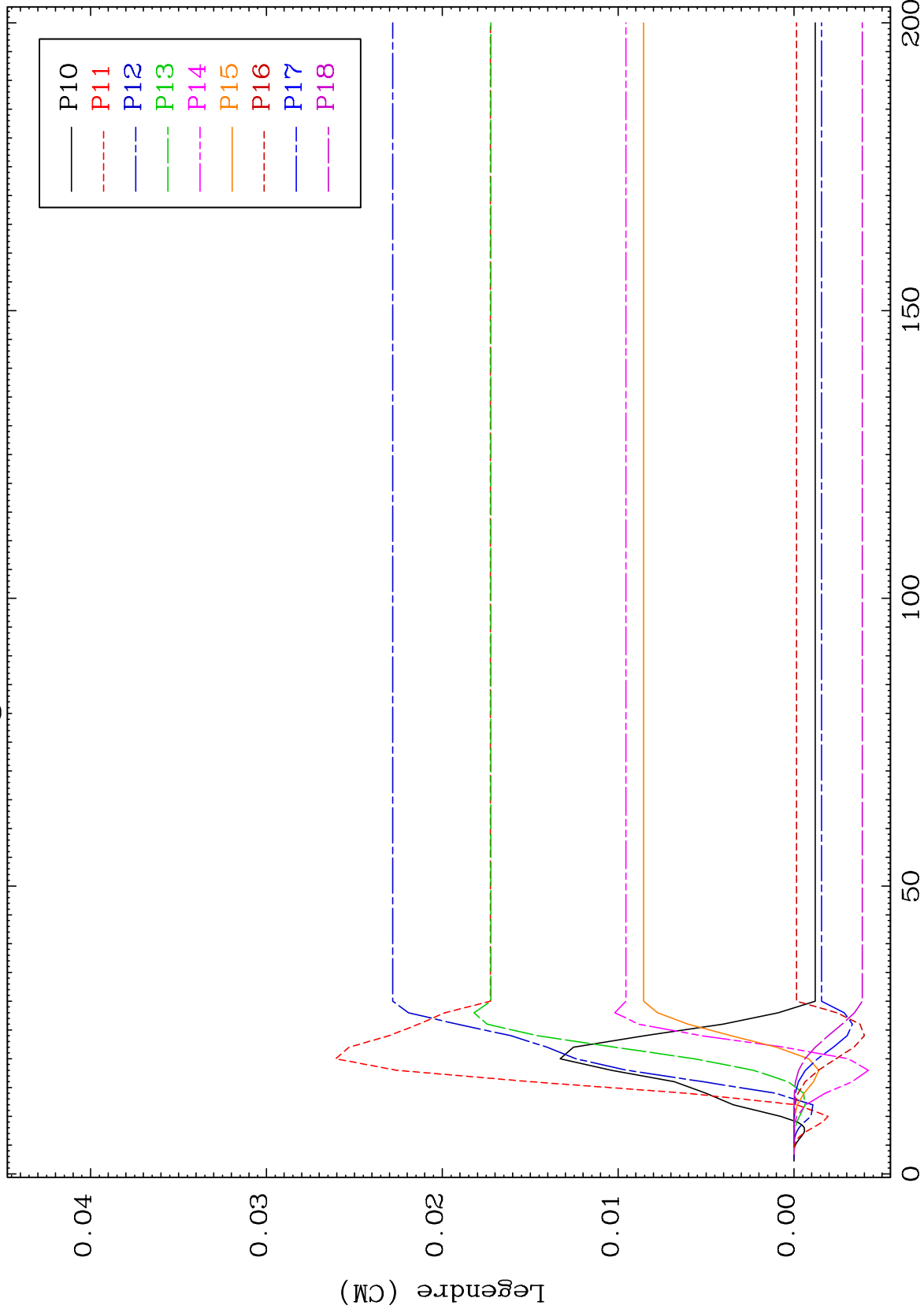
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



59

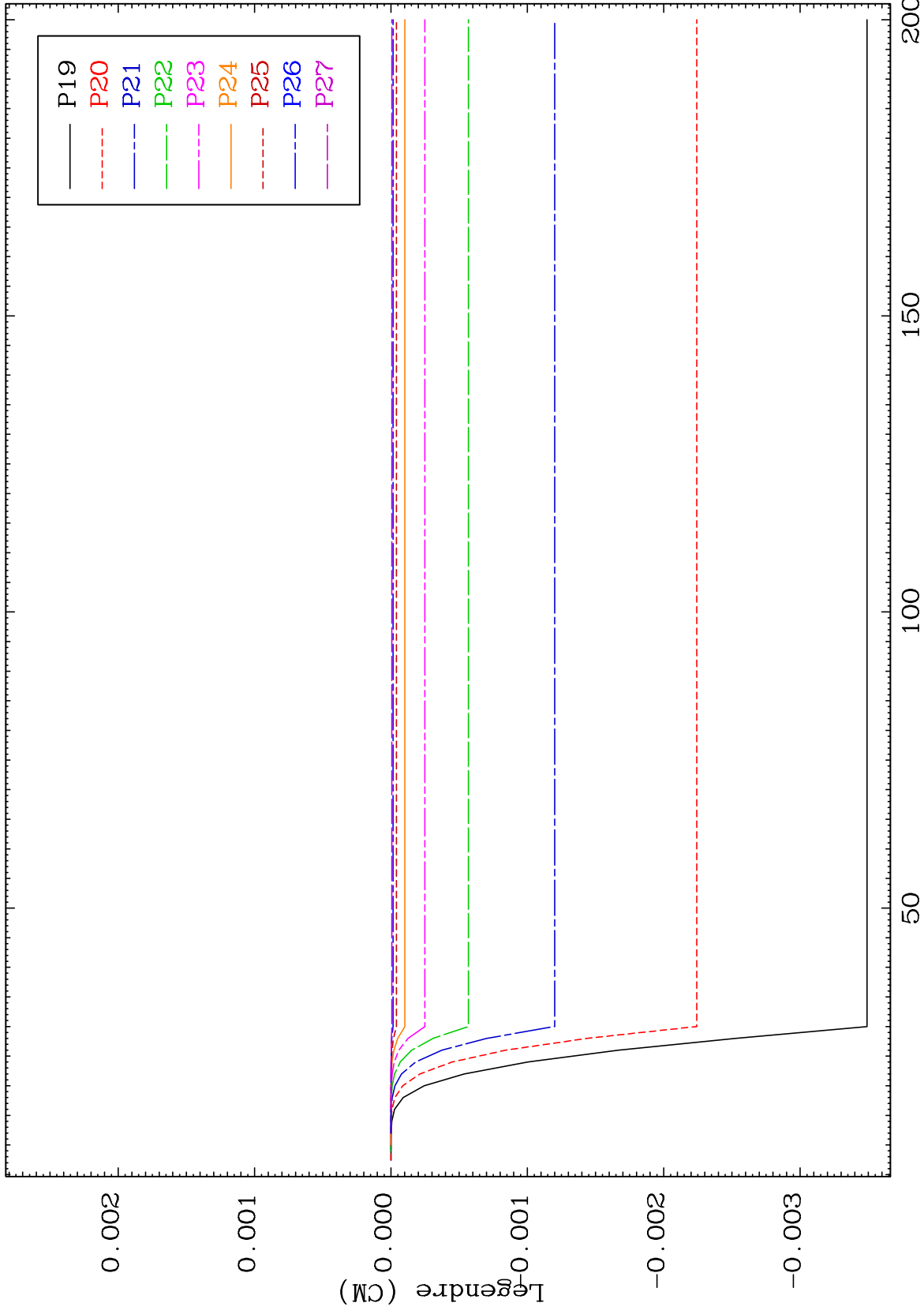
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



60

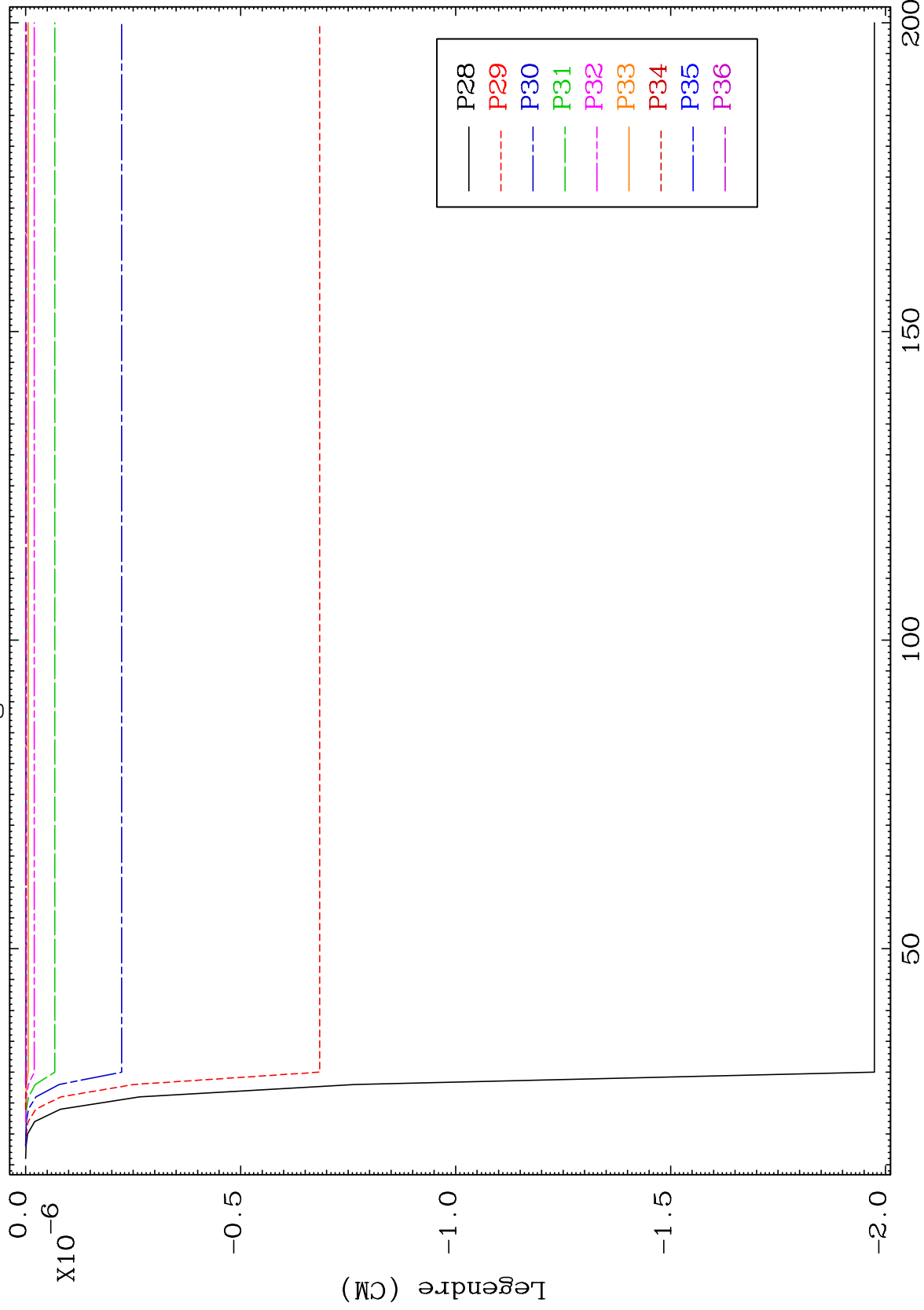
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



61

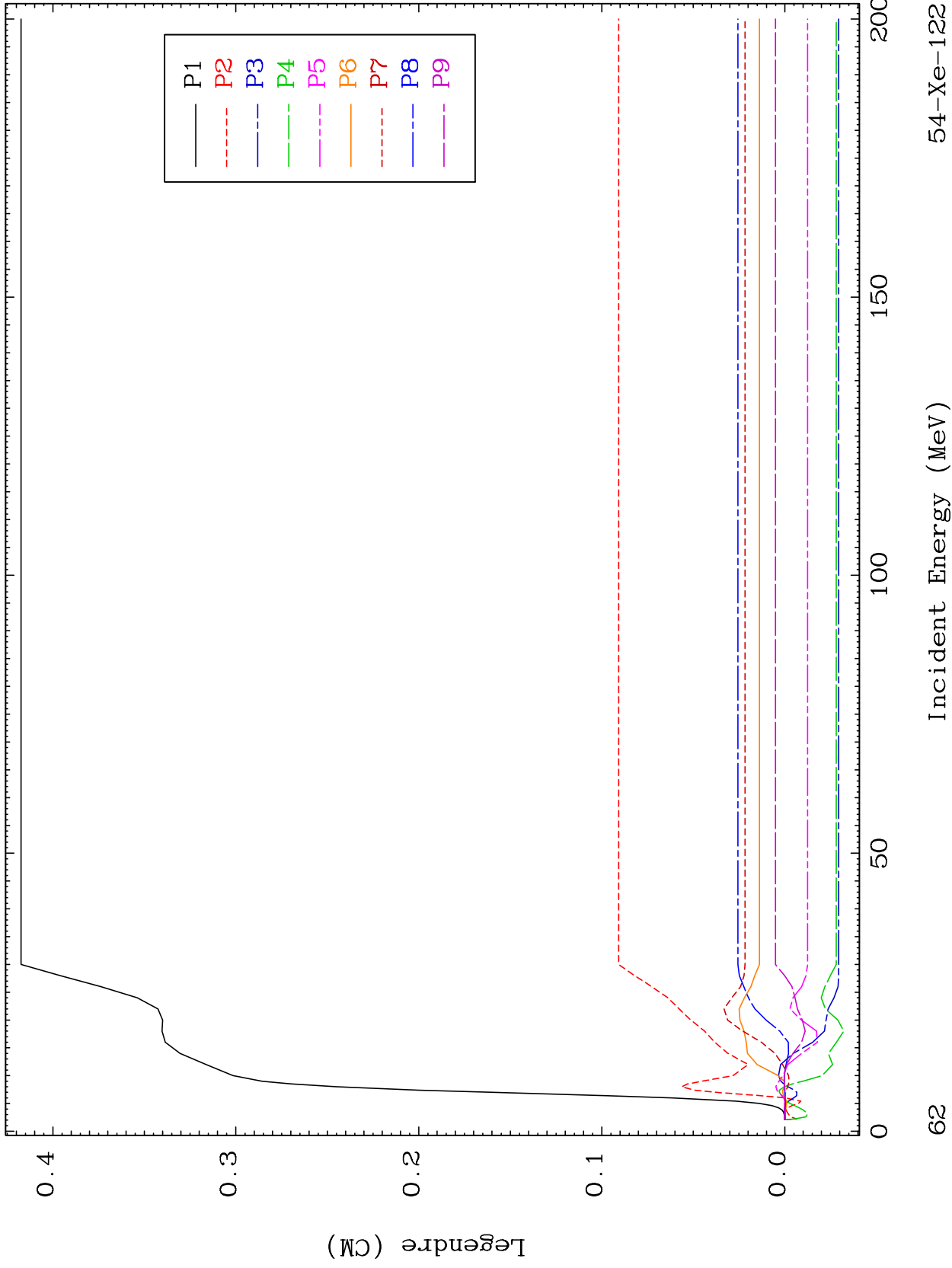
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

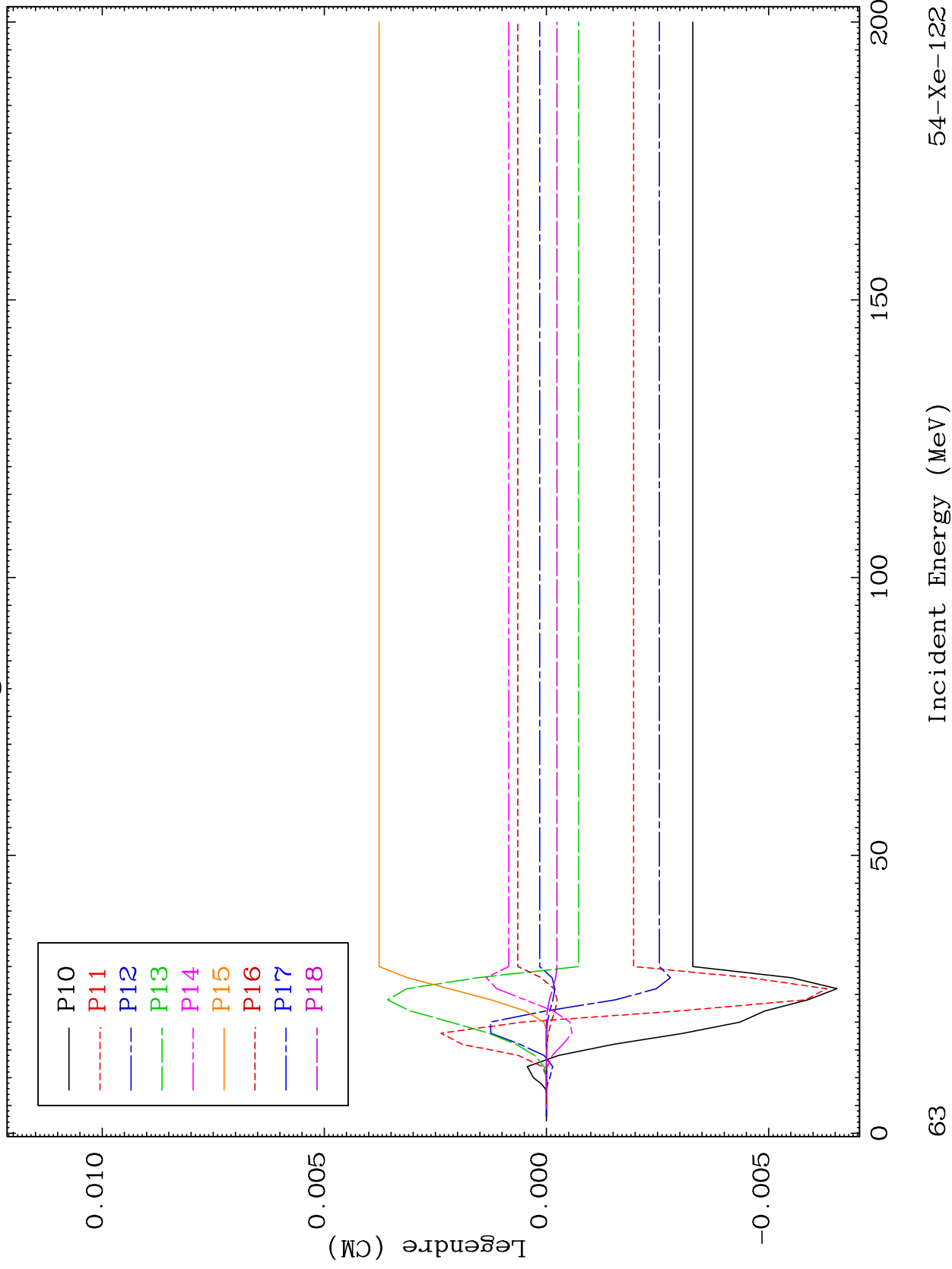
Incident Energy (MeV)

62

MAT 5419

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

54-Xe-122



63

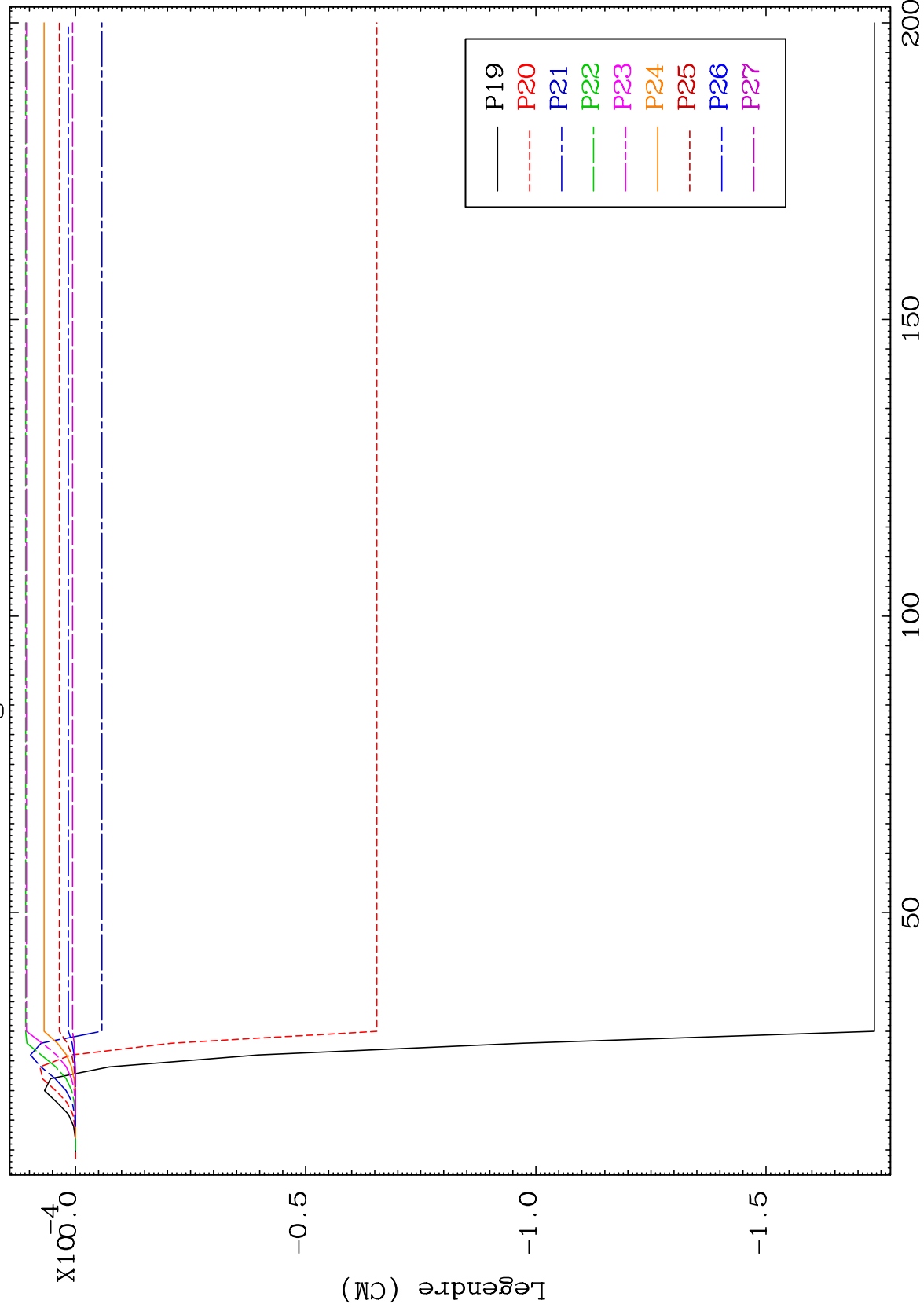
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



64

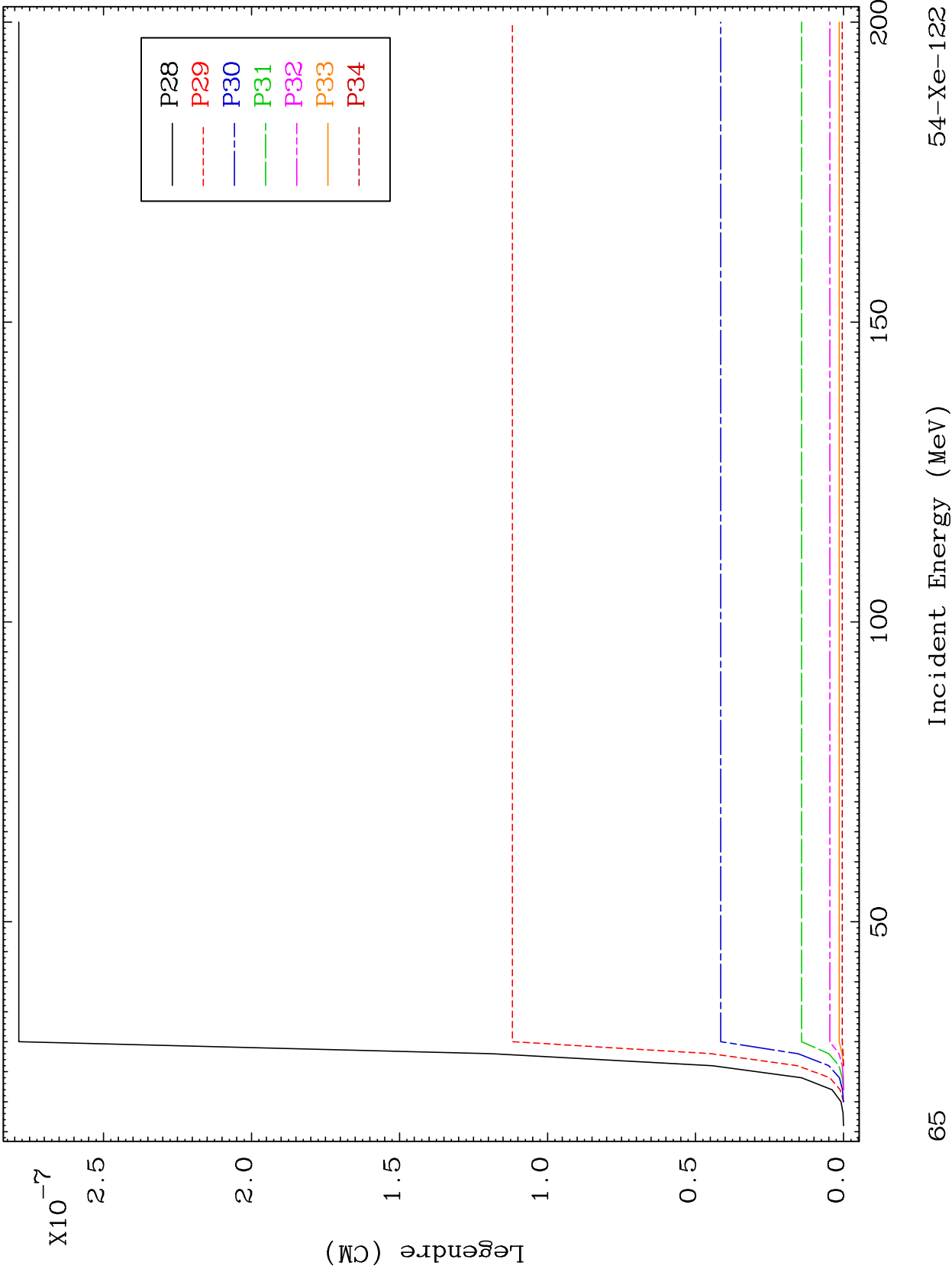
Incident Energy (MeV)

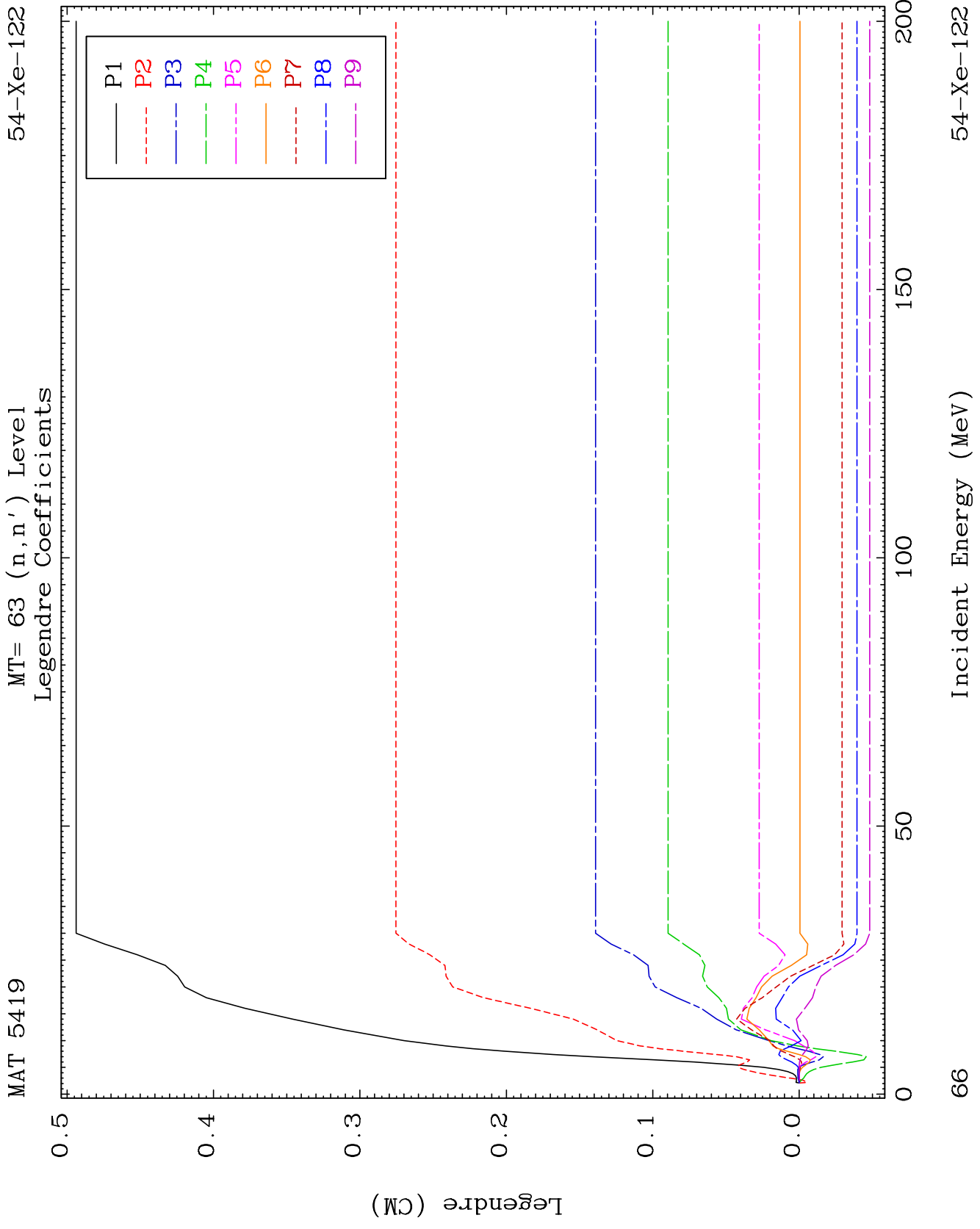
54-Xe-122

MAT 5419

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

54-Xe-122

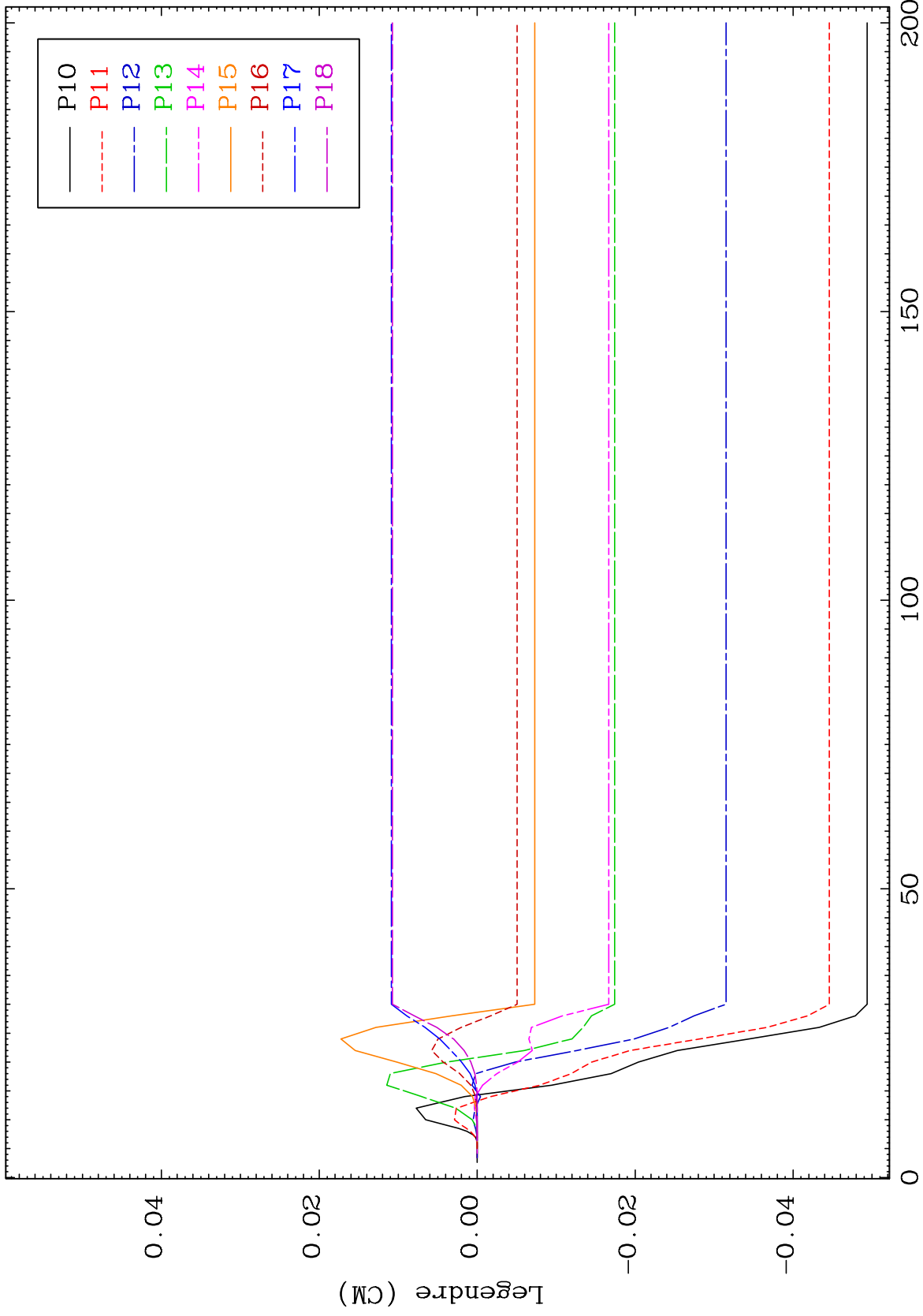




MAT 5419

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

54-Xe-122



67

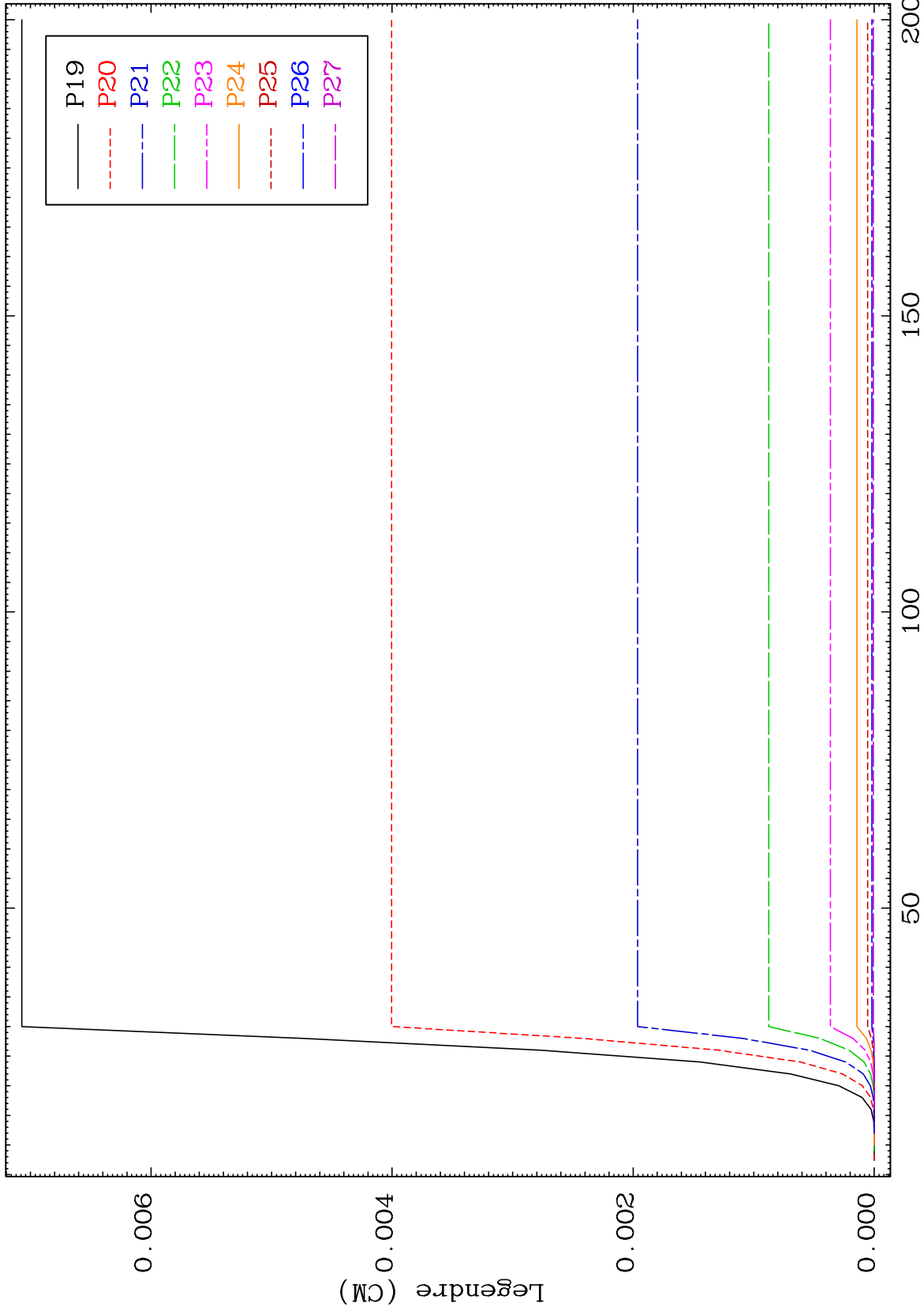
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



68

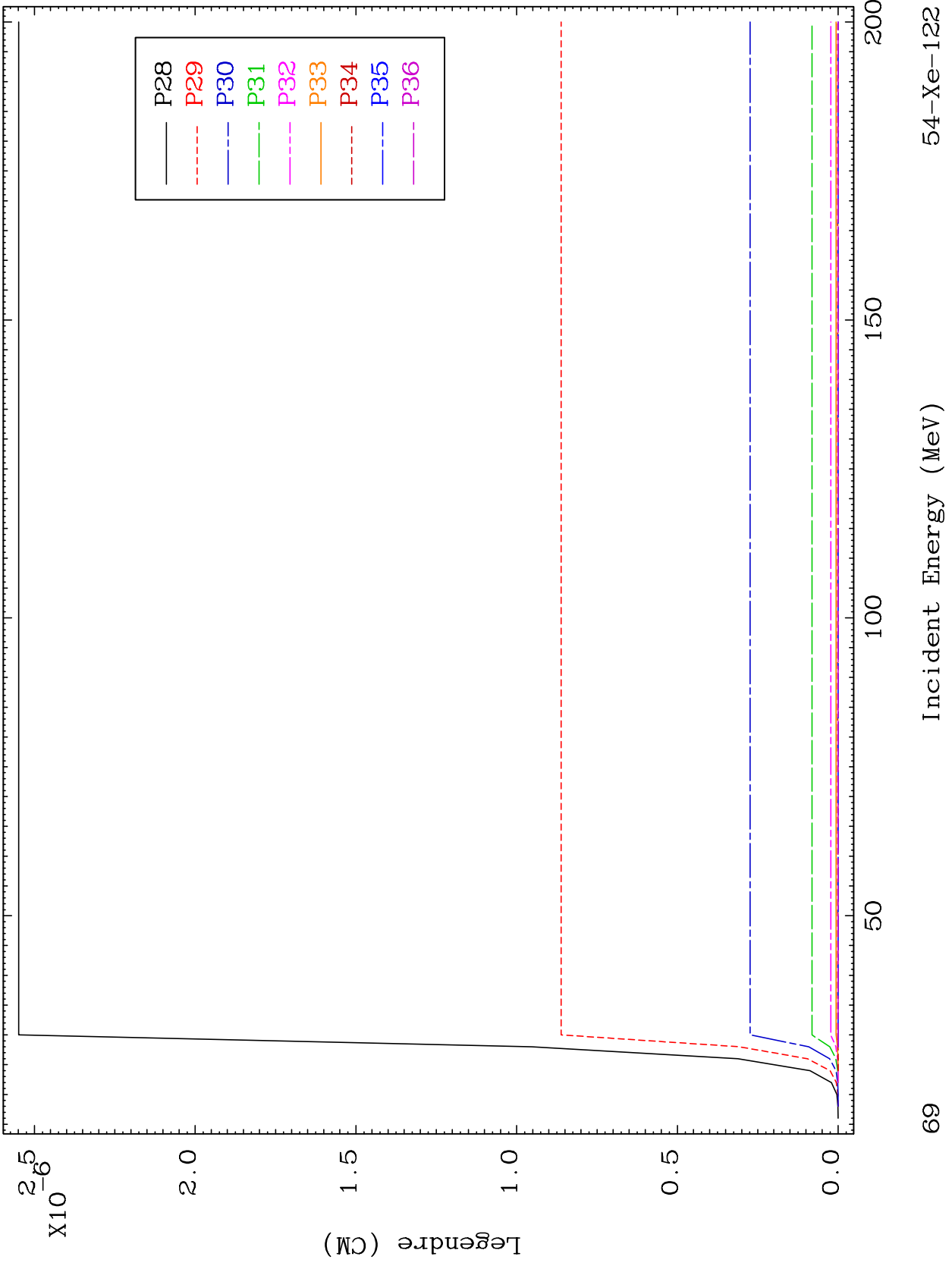
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



69

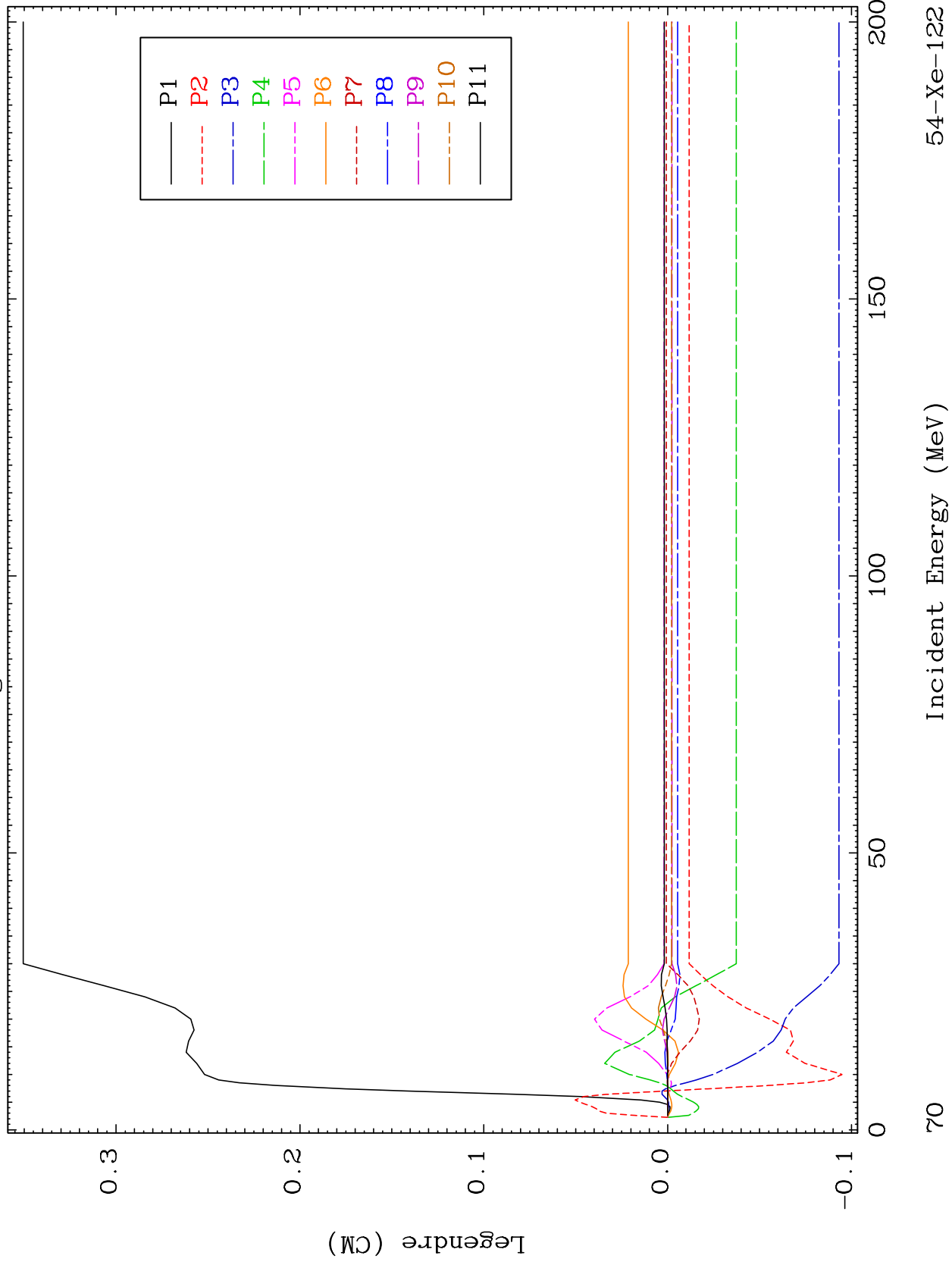
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

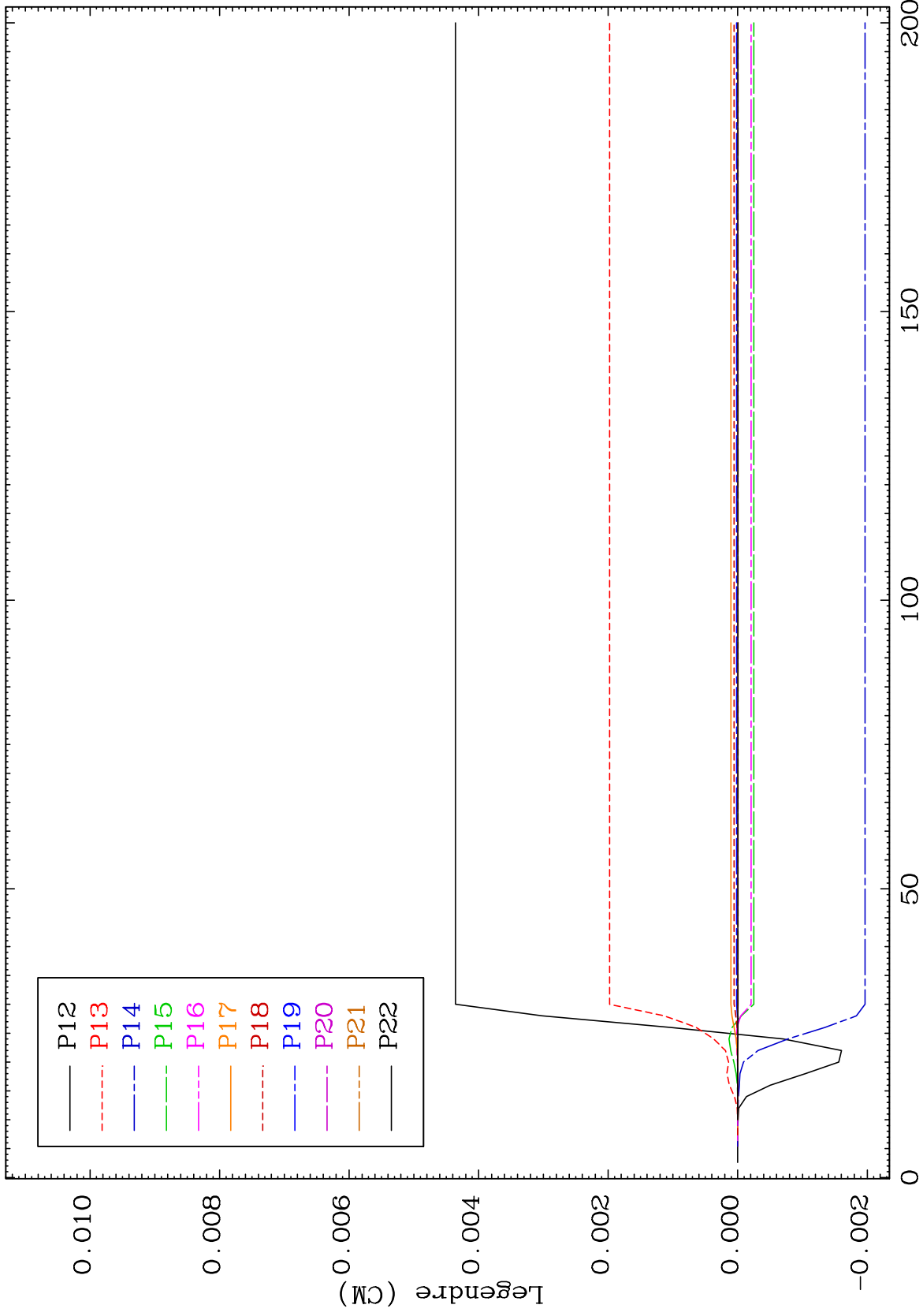
Incident Energy (MeV)

70

MAT 5419

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

54-Xe-122



71

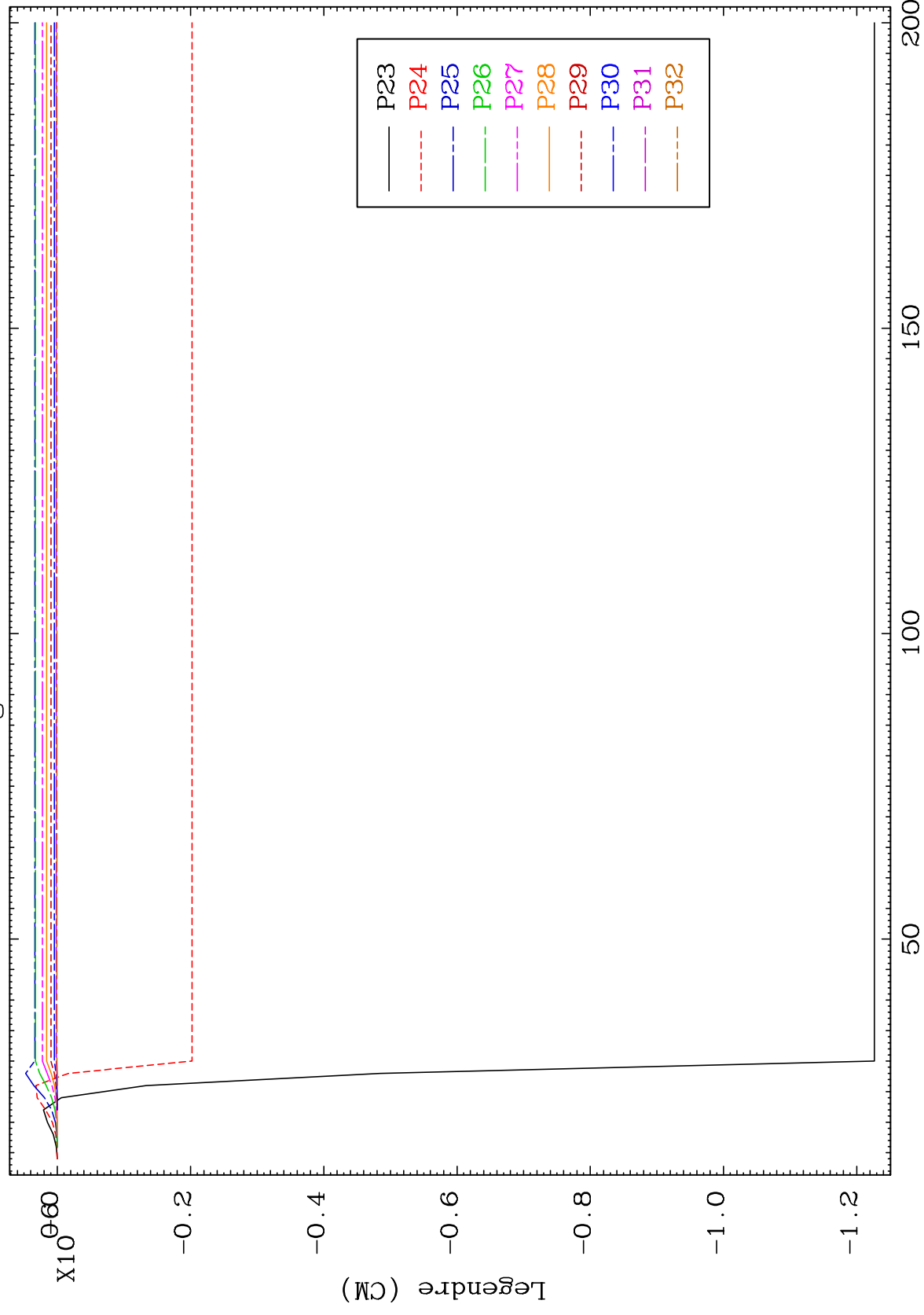
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



72

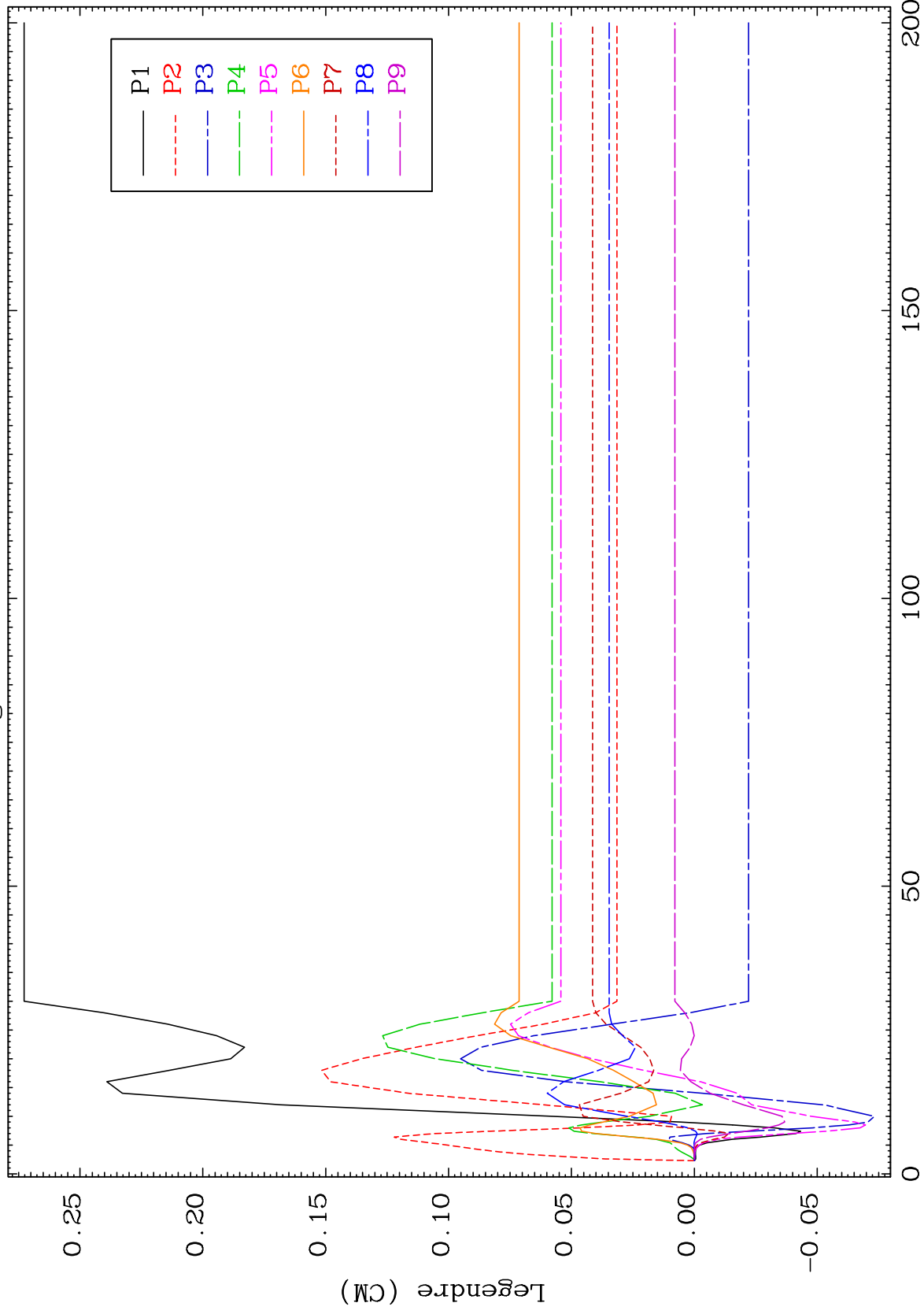
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



73

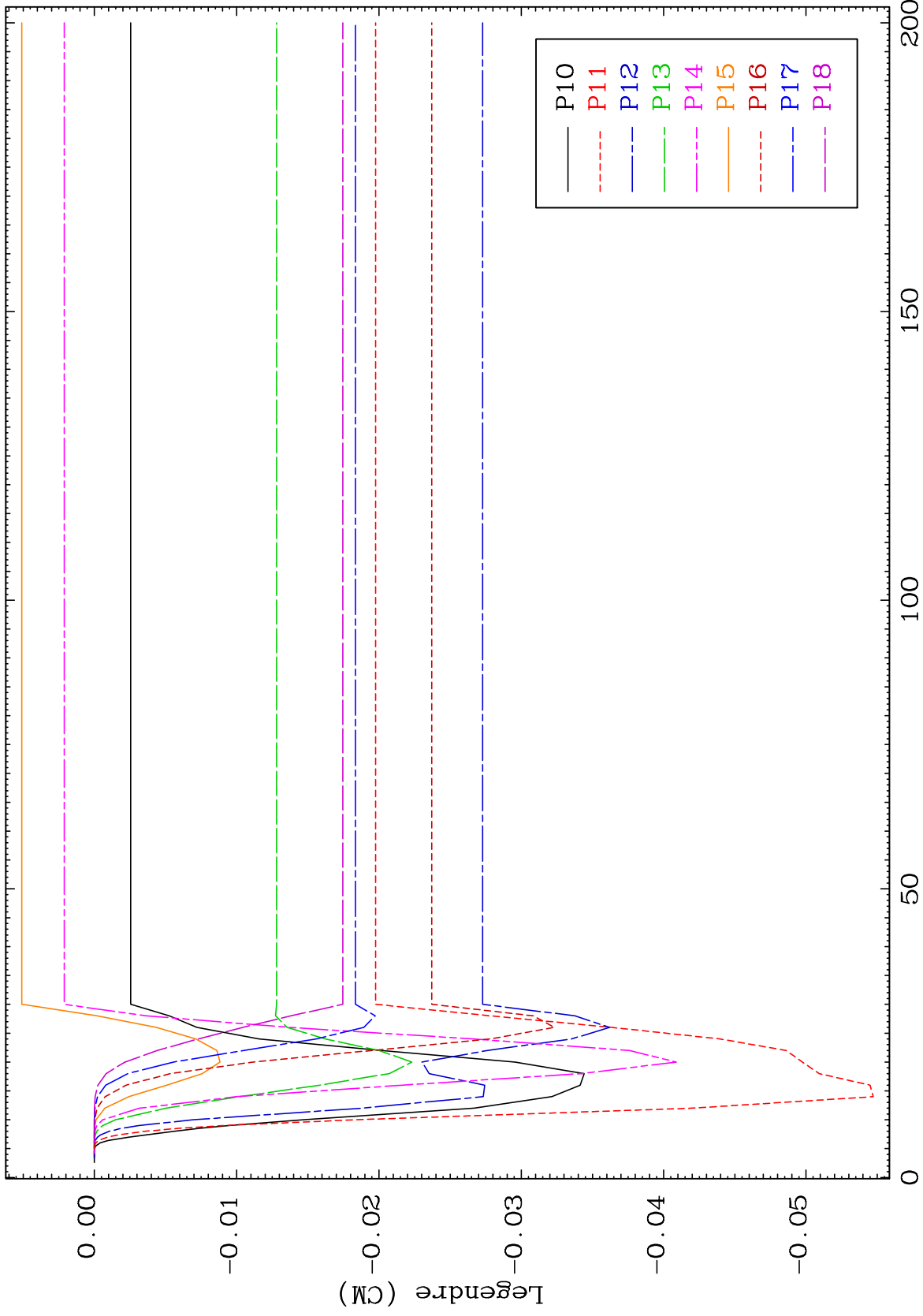
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



74

Incident Energy (MeV)

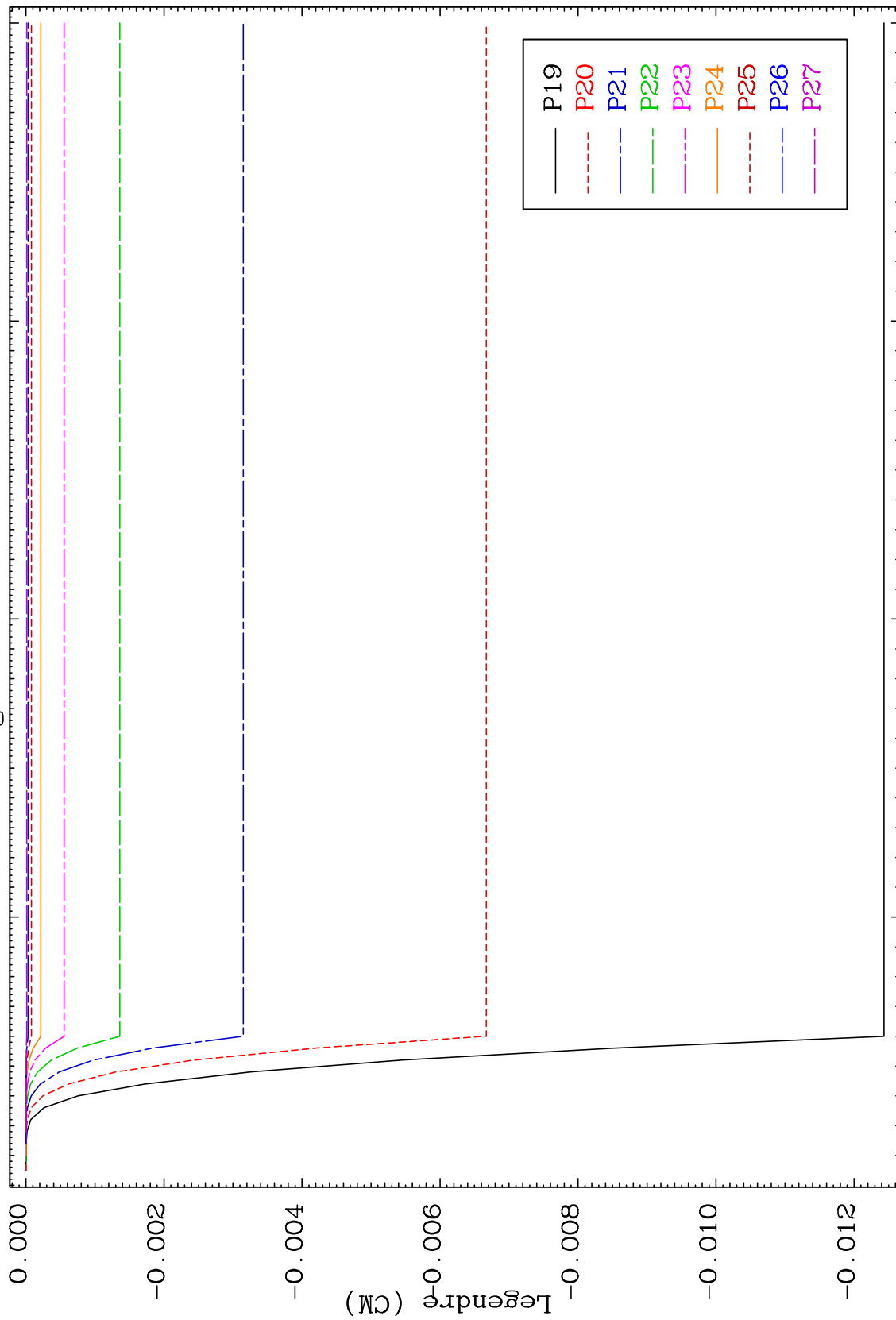
54-Xe-122

MAT 5419

MT= 65 (n,n') Level

Legendre Coefficients

54-Xe-122



54-Xe-122

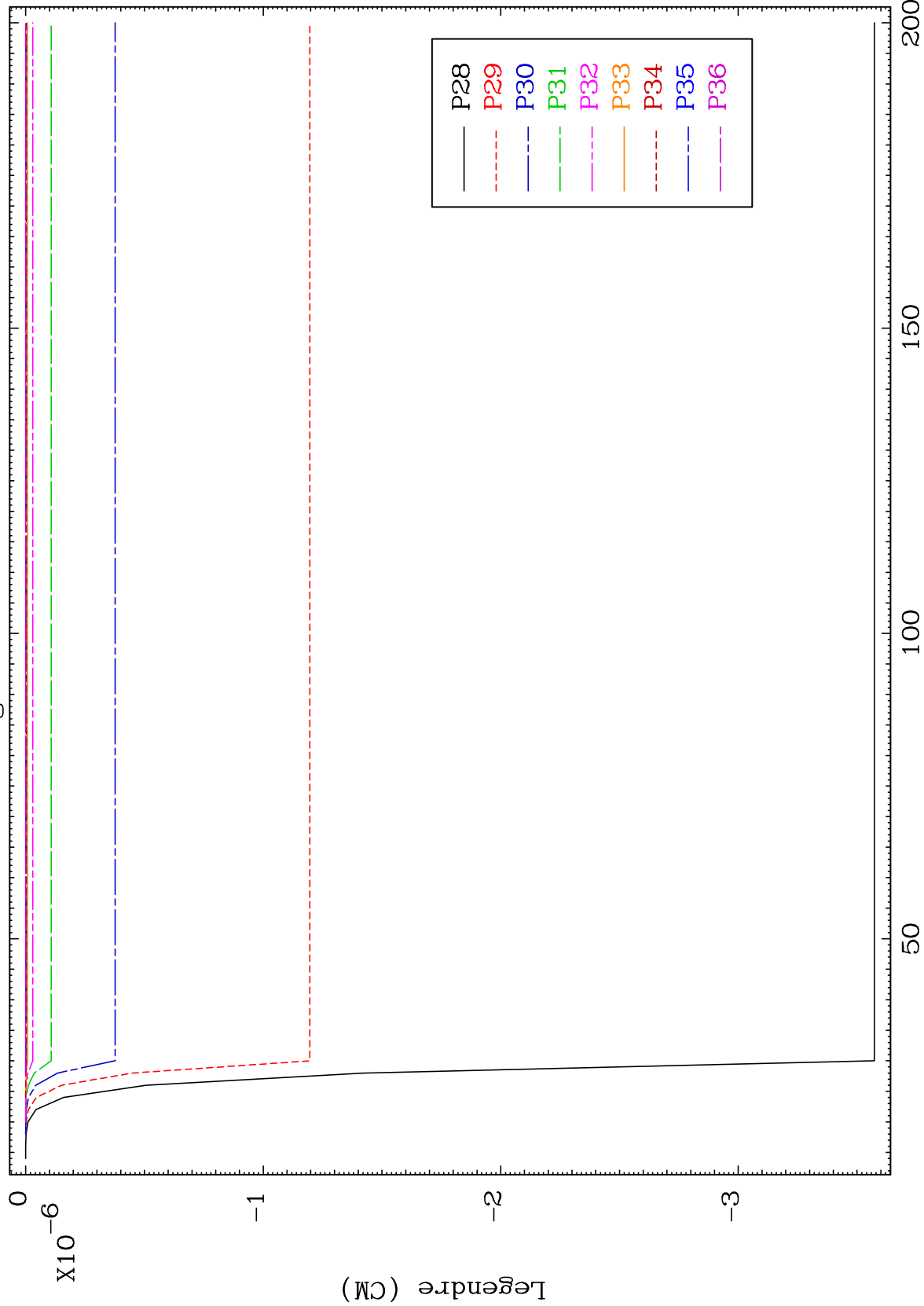
Incident Energy (MeV)

75

MAT 5419

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

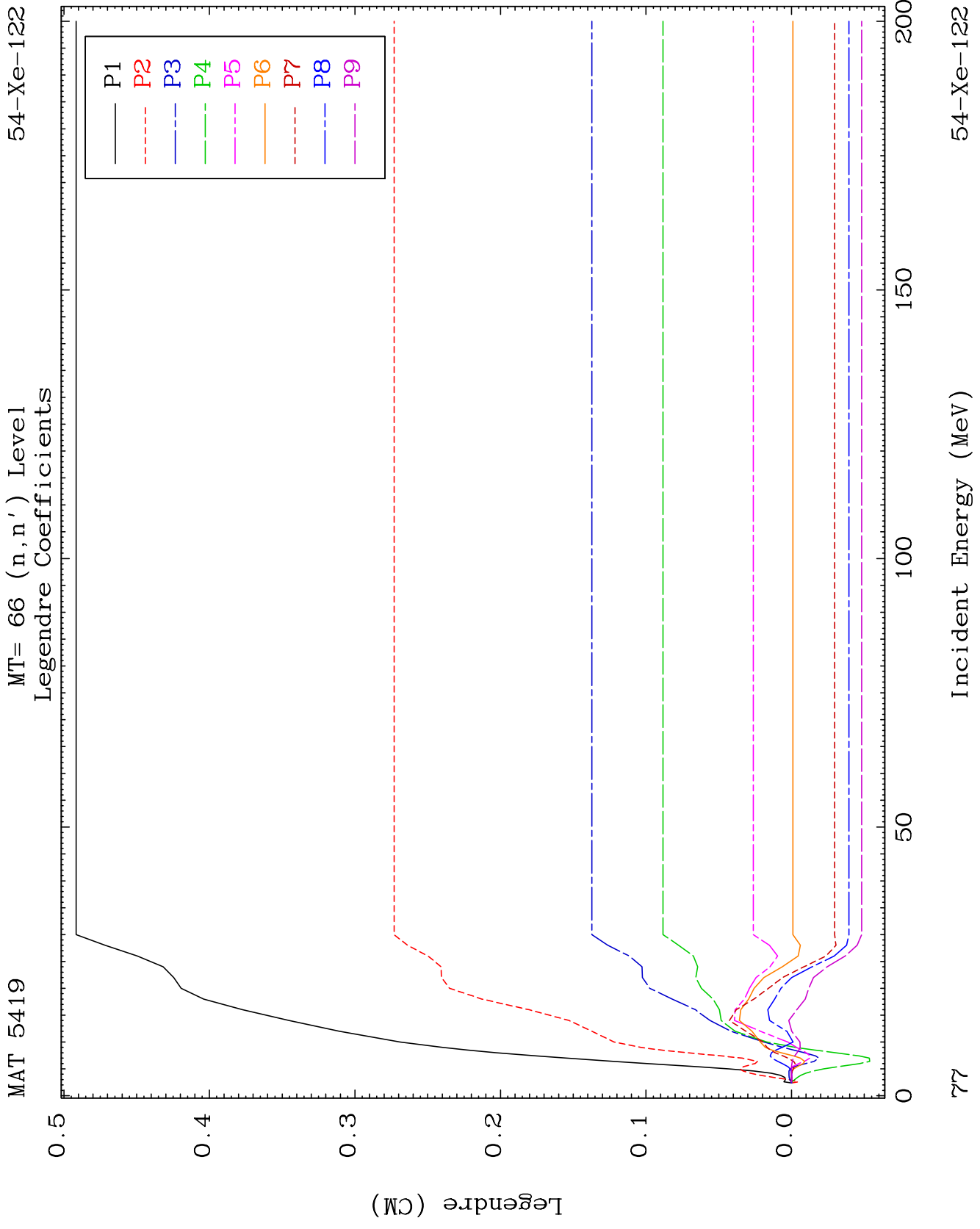
54-Xe-122



76

Incident Energy (MeV)

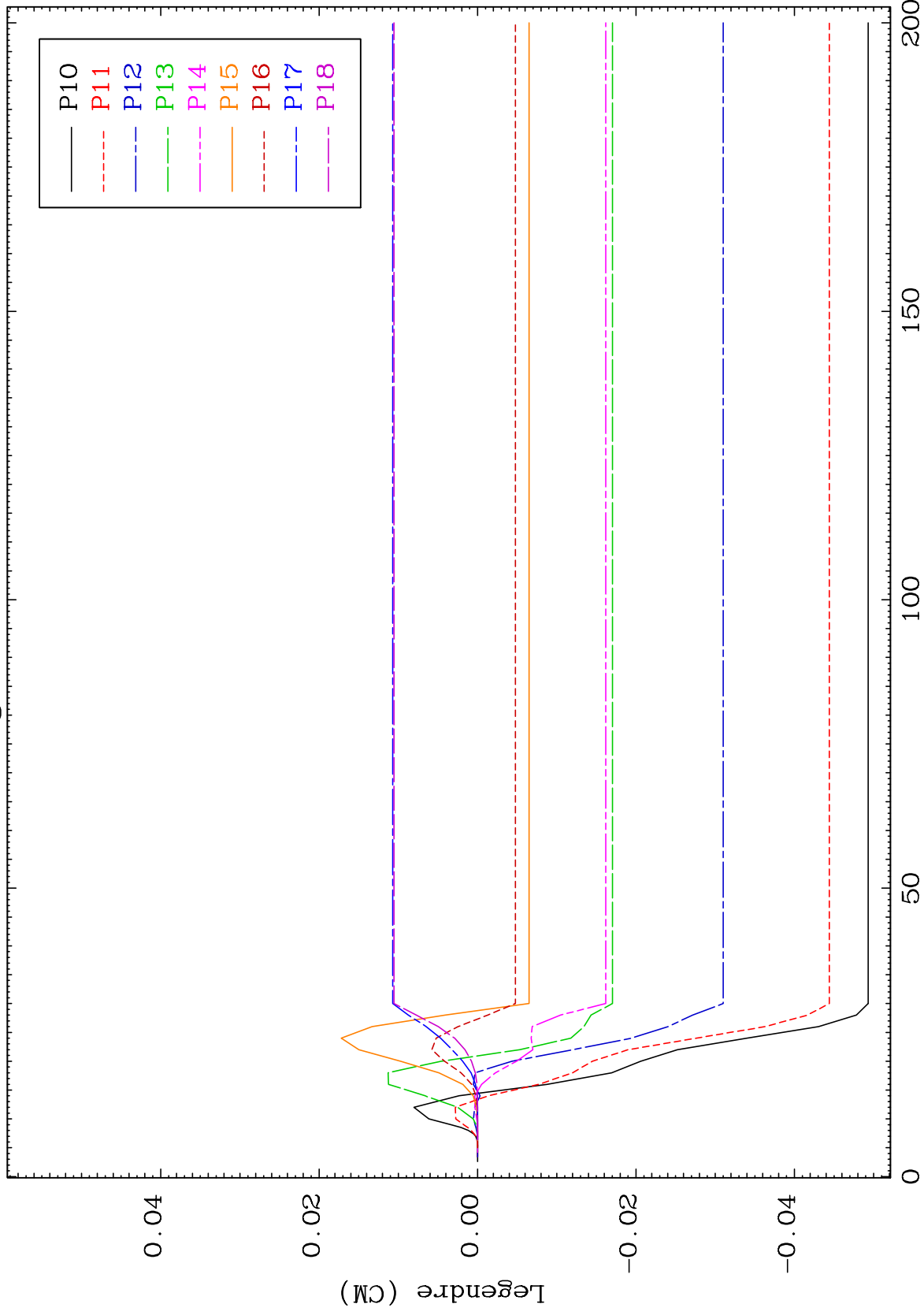
54-Xe-122



MAT 5419

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

54-Xe-122



78

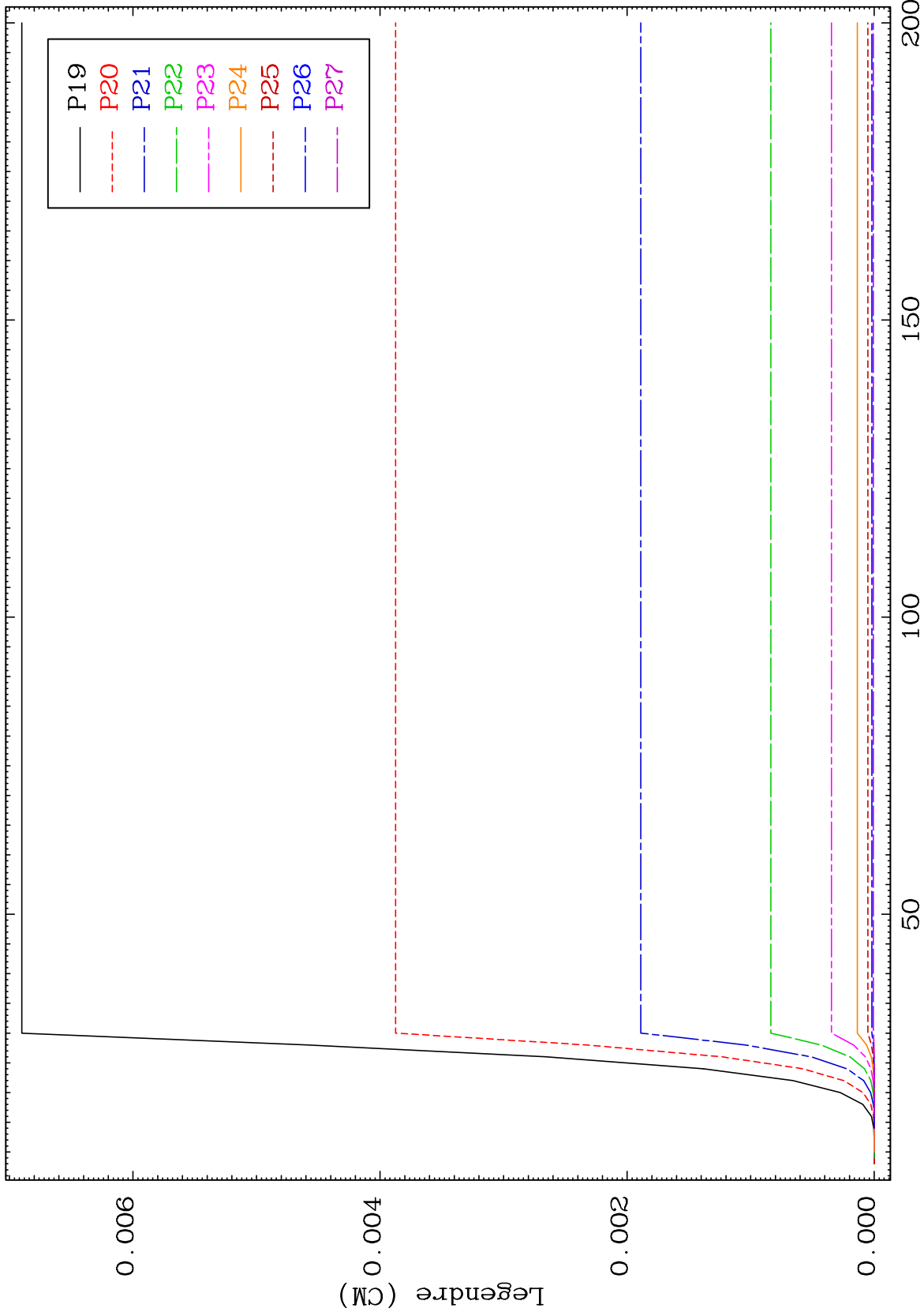
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



79

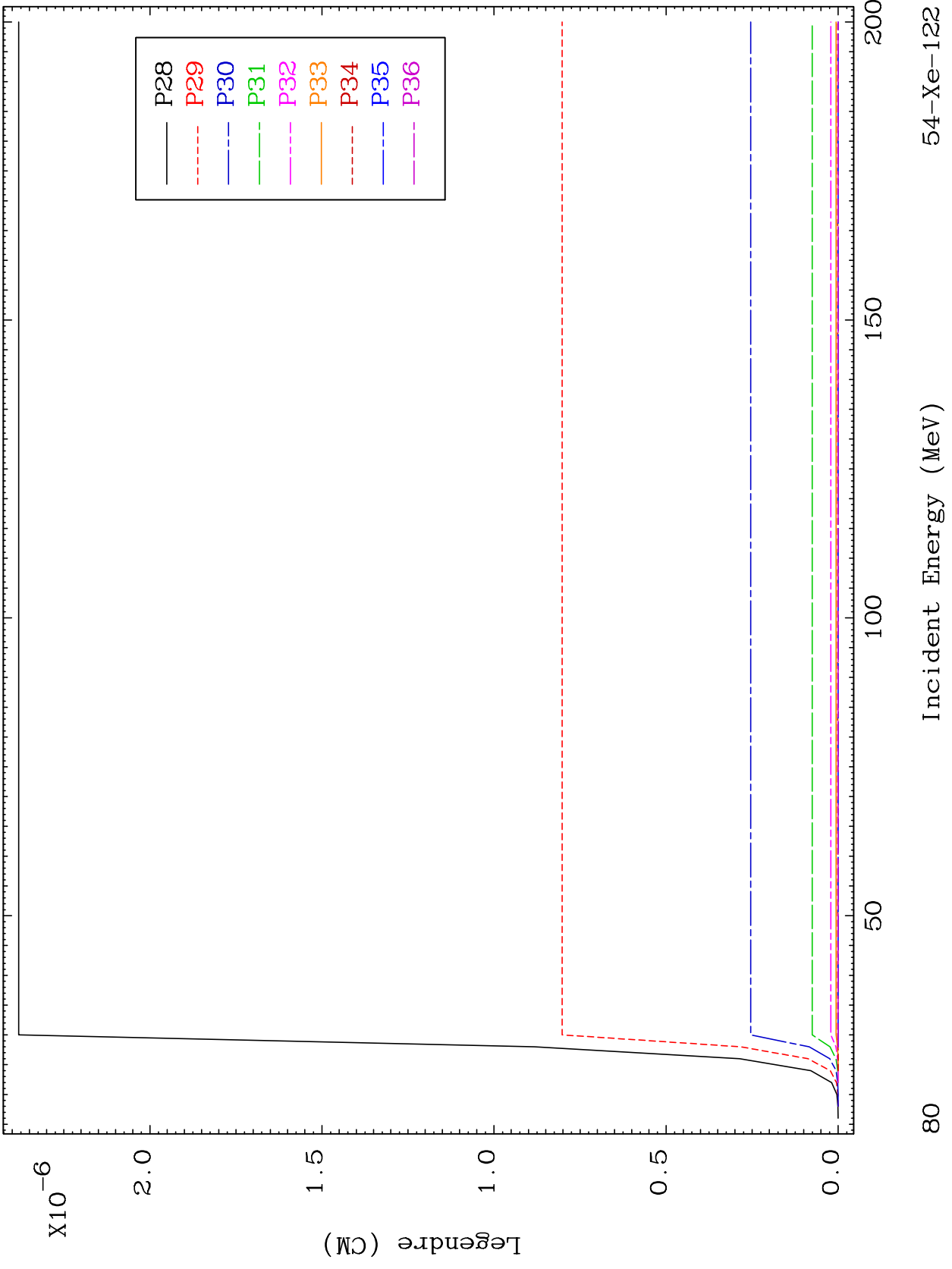
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

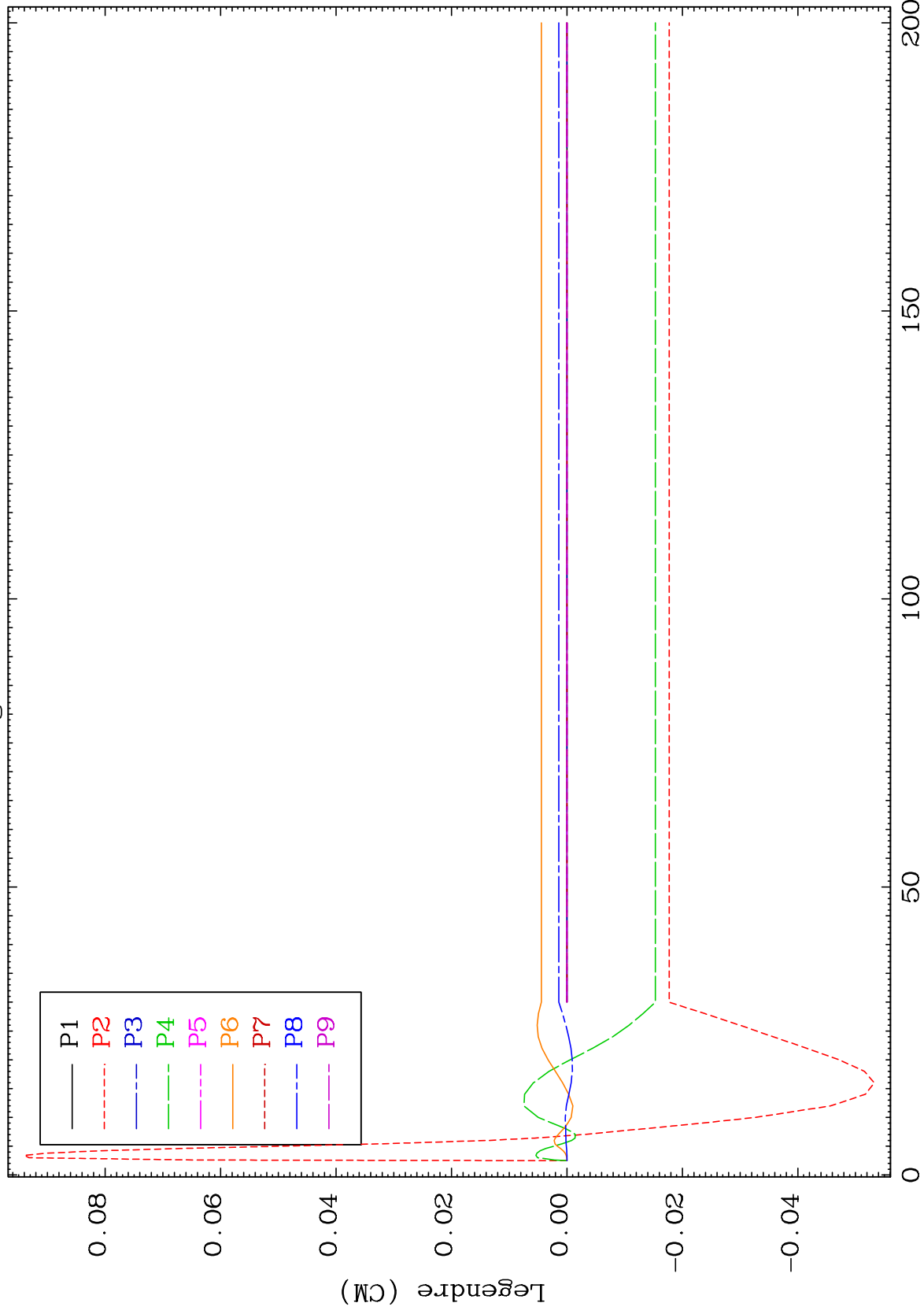
54-Xe-122



MAT 5419

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

54-Xe-122



81

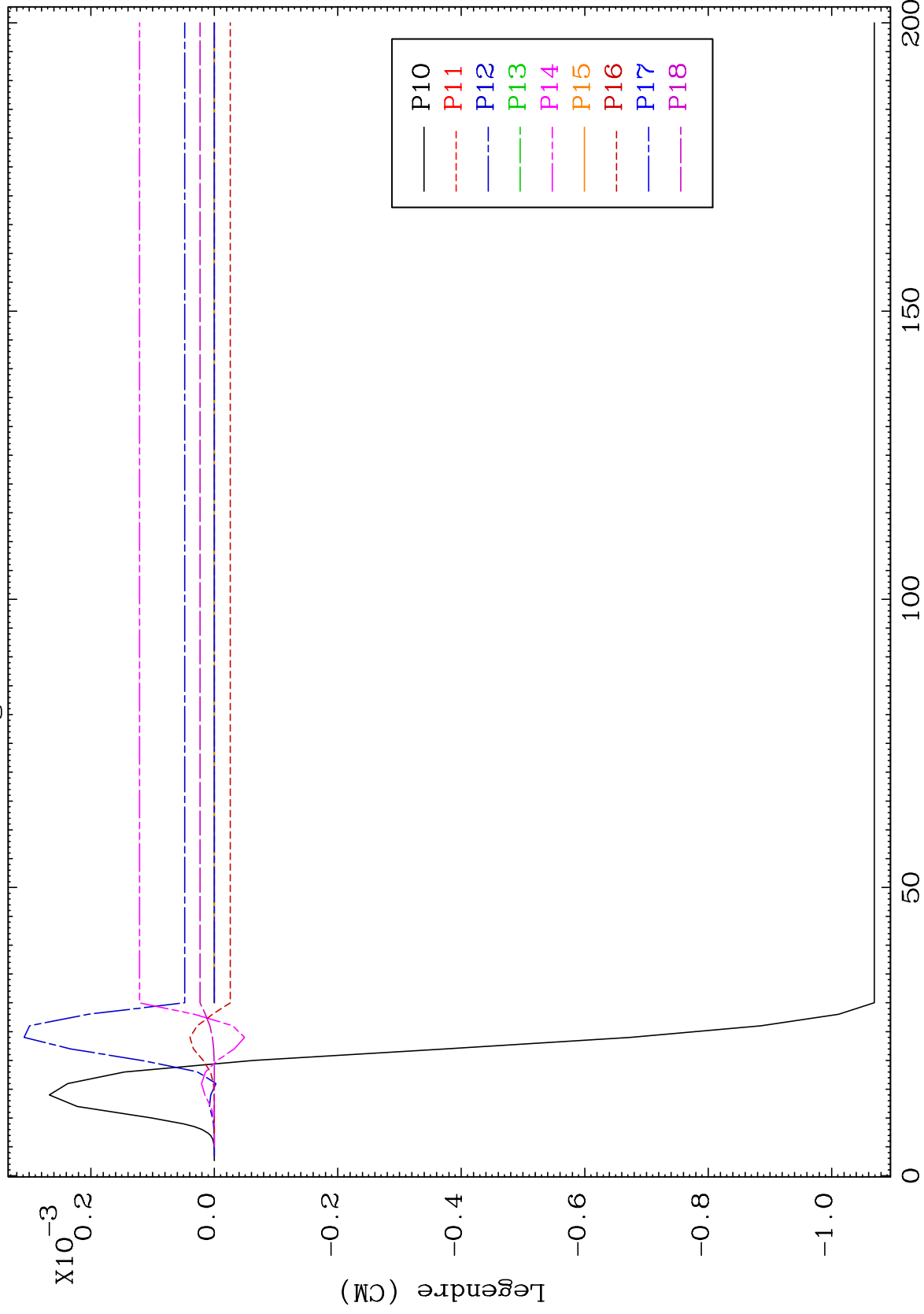
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



82

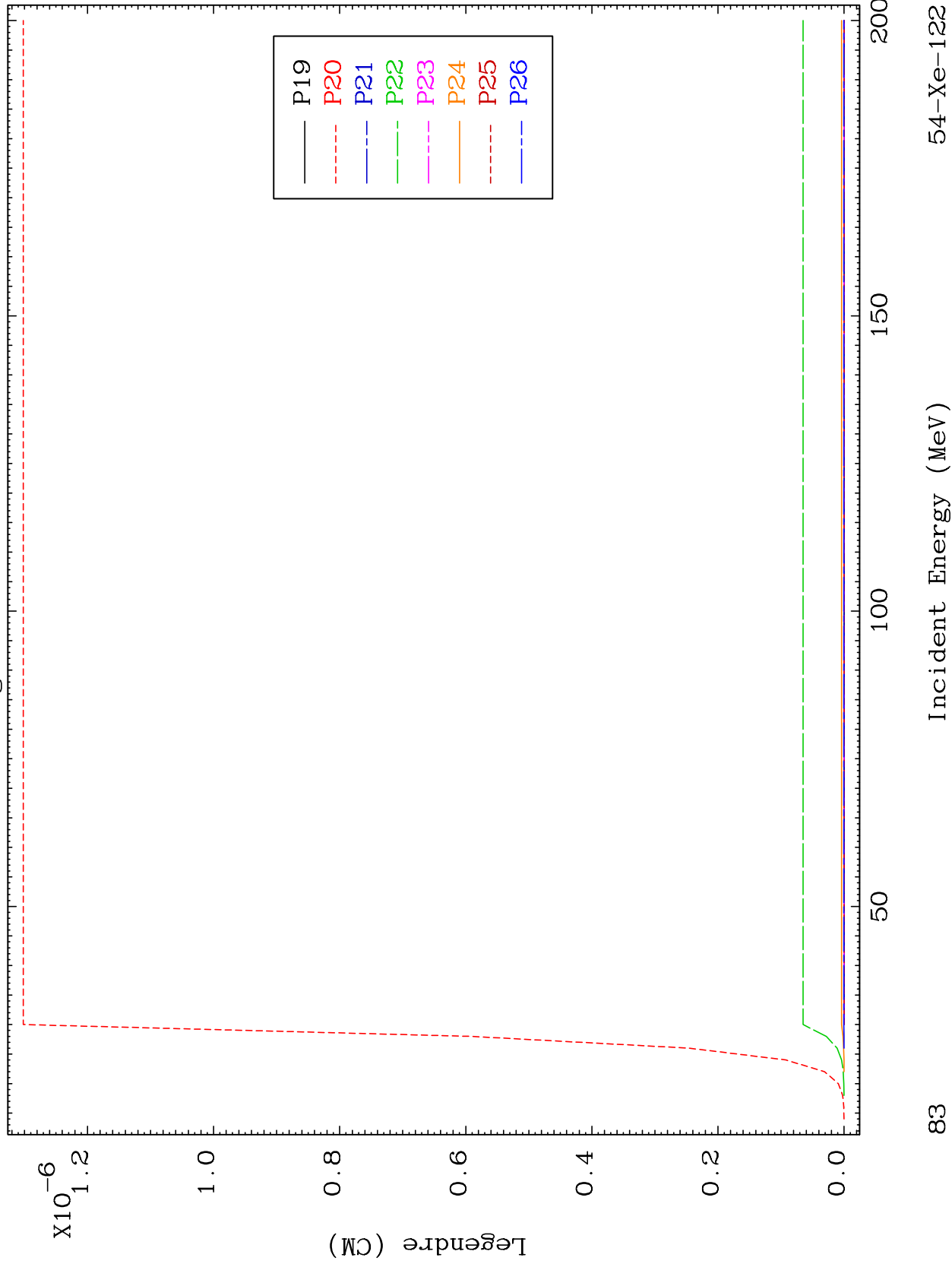
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

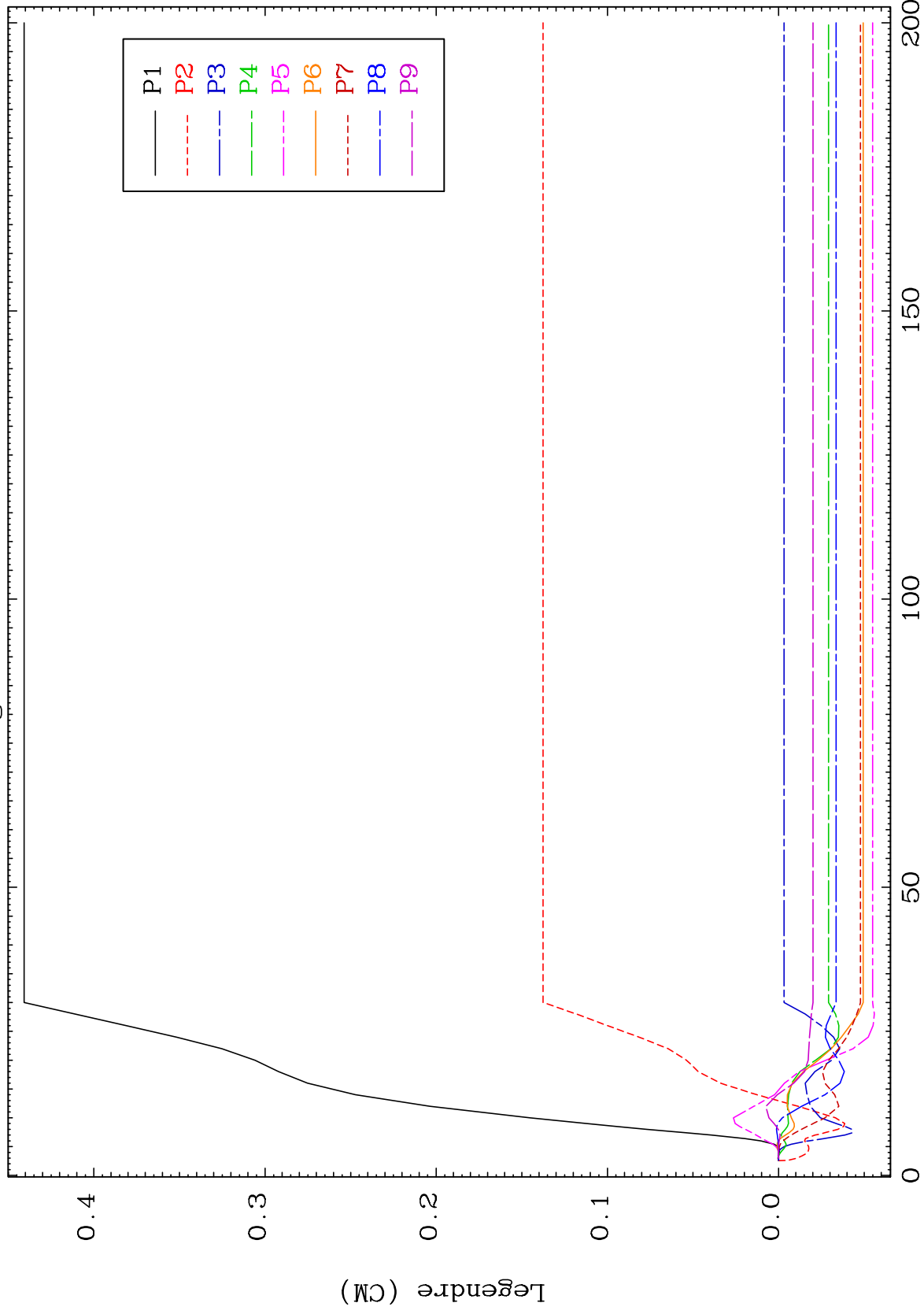
54-Xe-122



MAT 5419

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

54-Xe-122



84

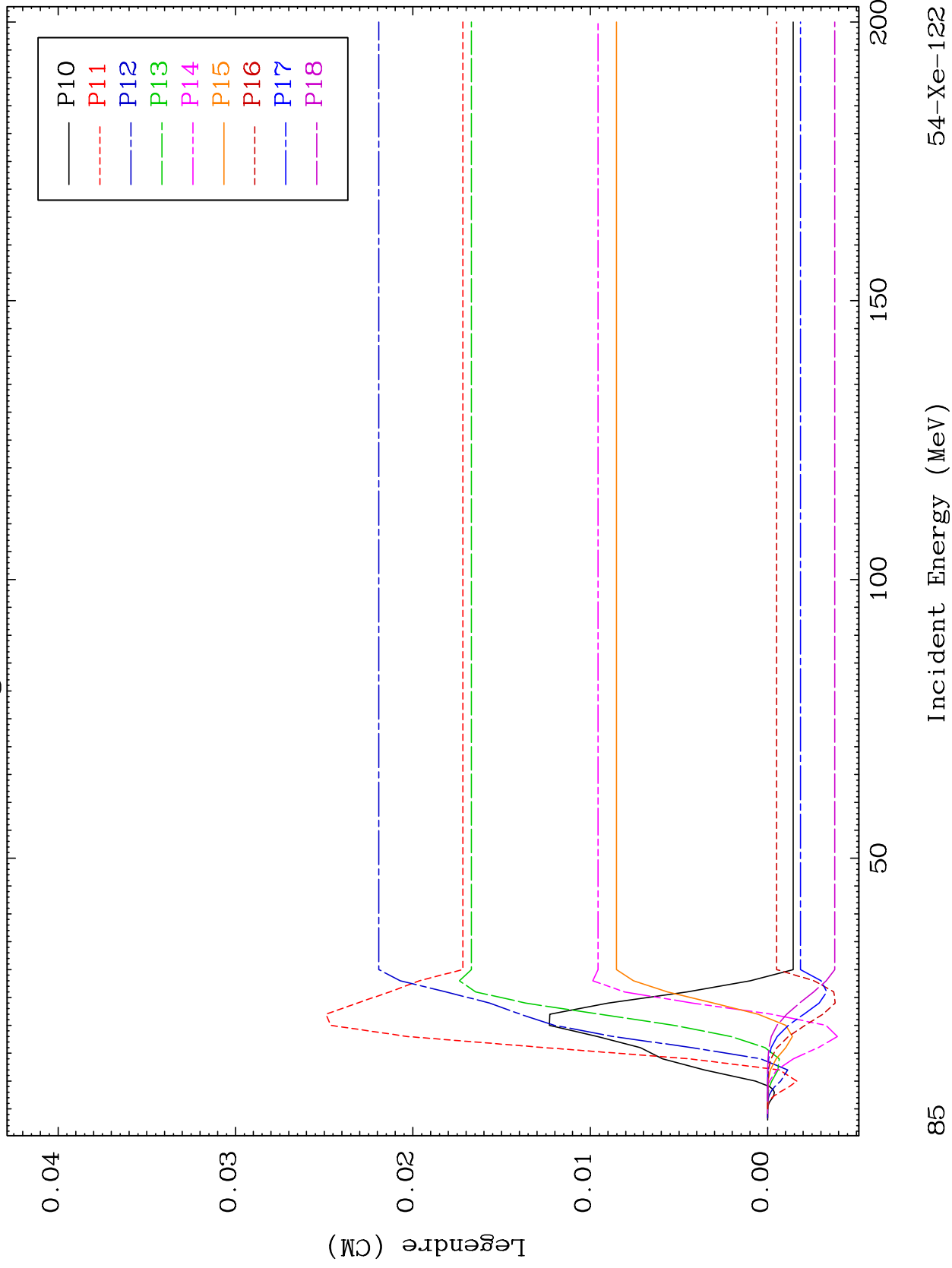
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

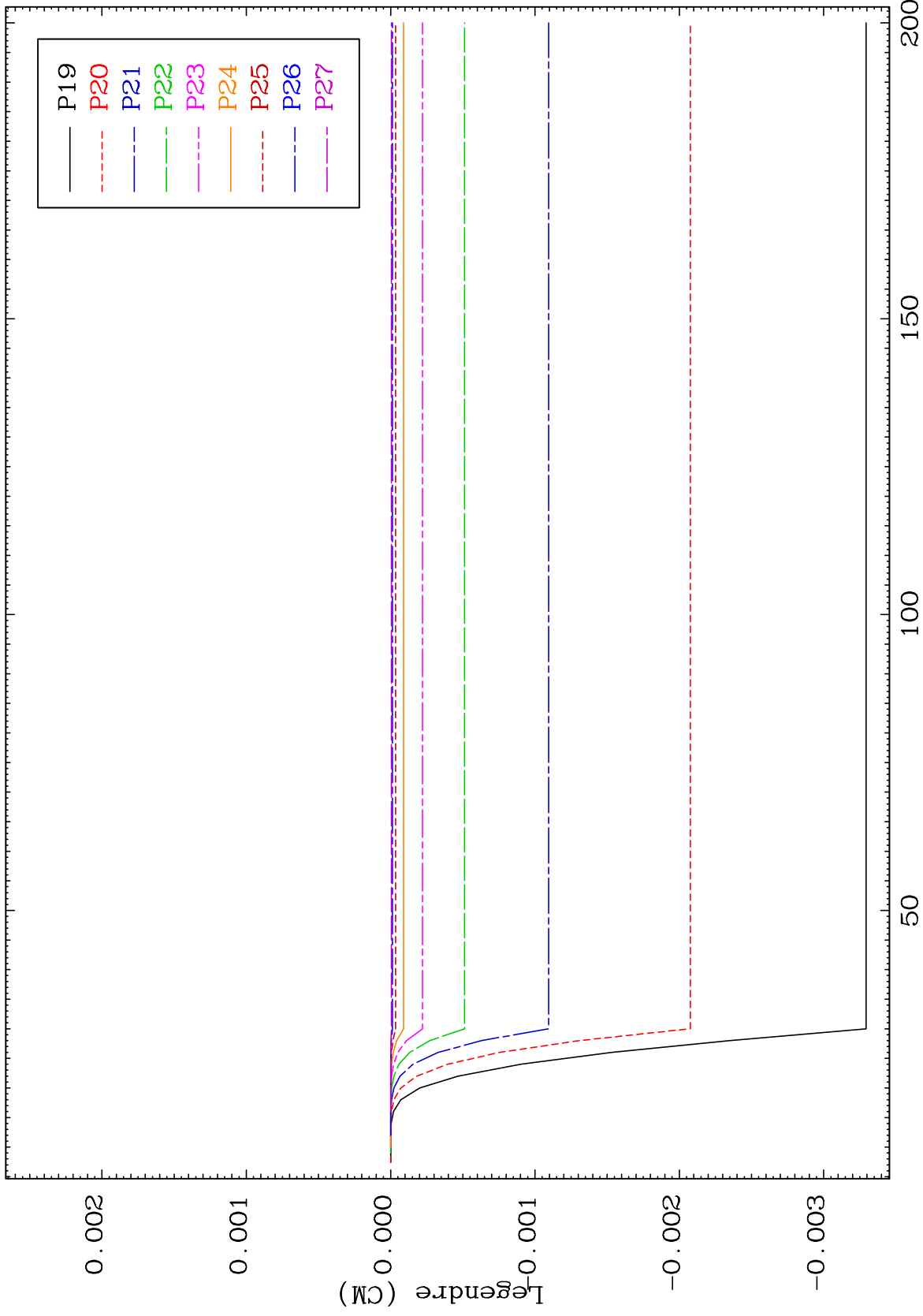
54-Xe-122



85

Incident Energy (MeV)

54-Xe-122

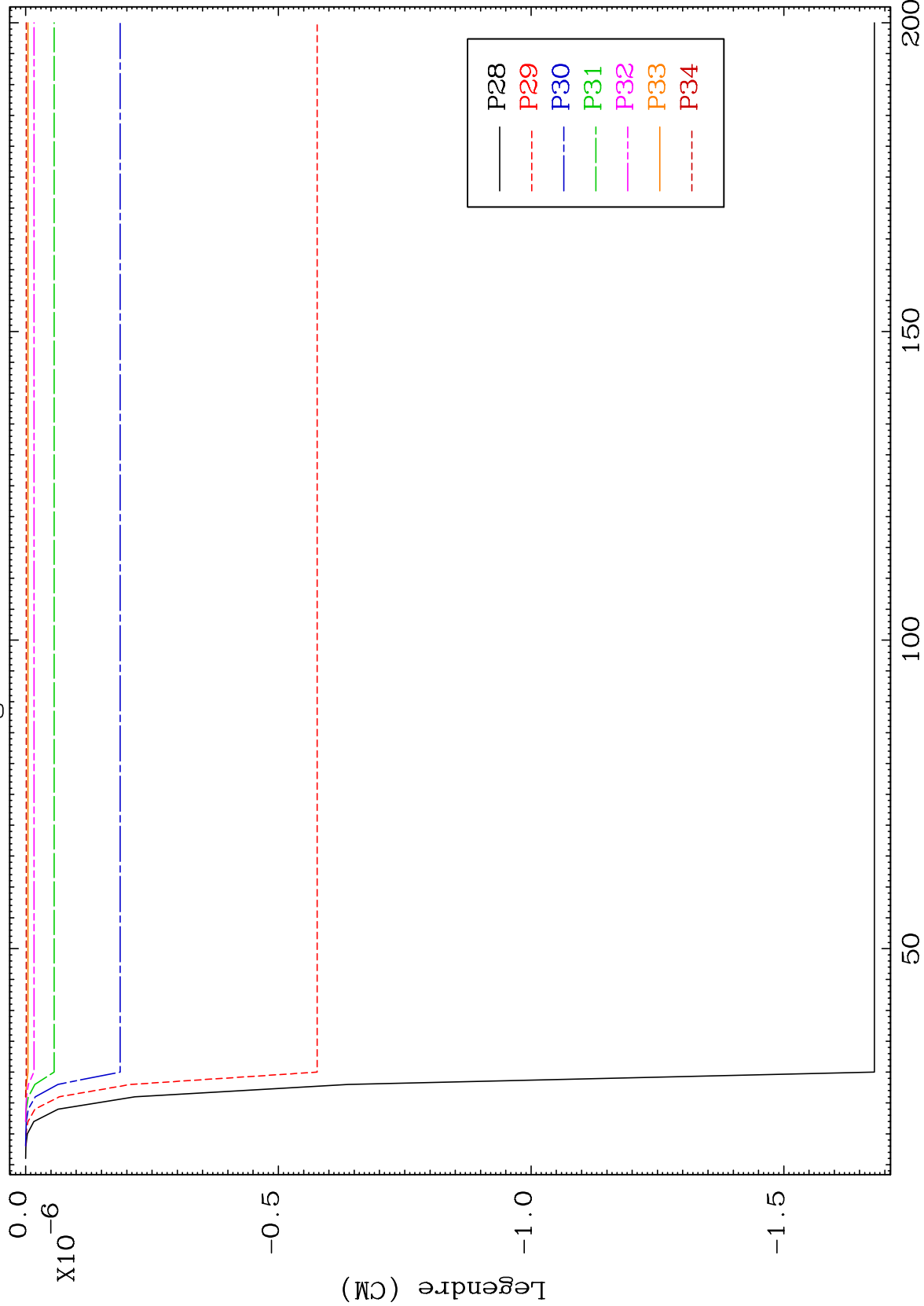


MAT 5419

MT= 68 (n,n') Level

54-Xe-122

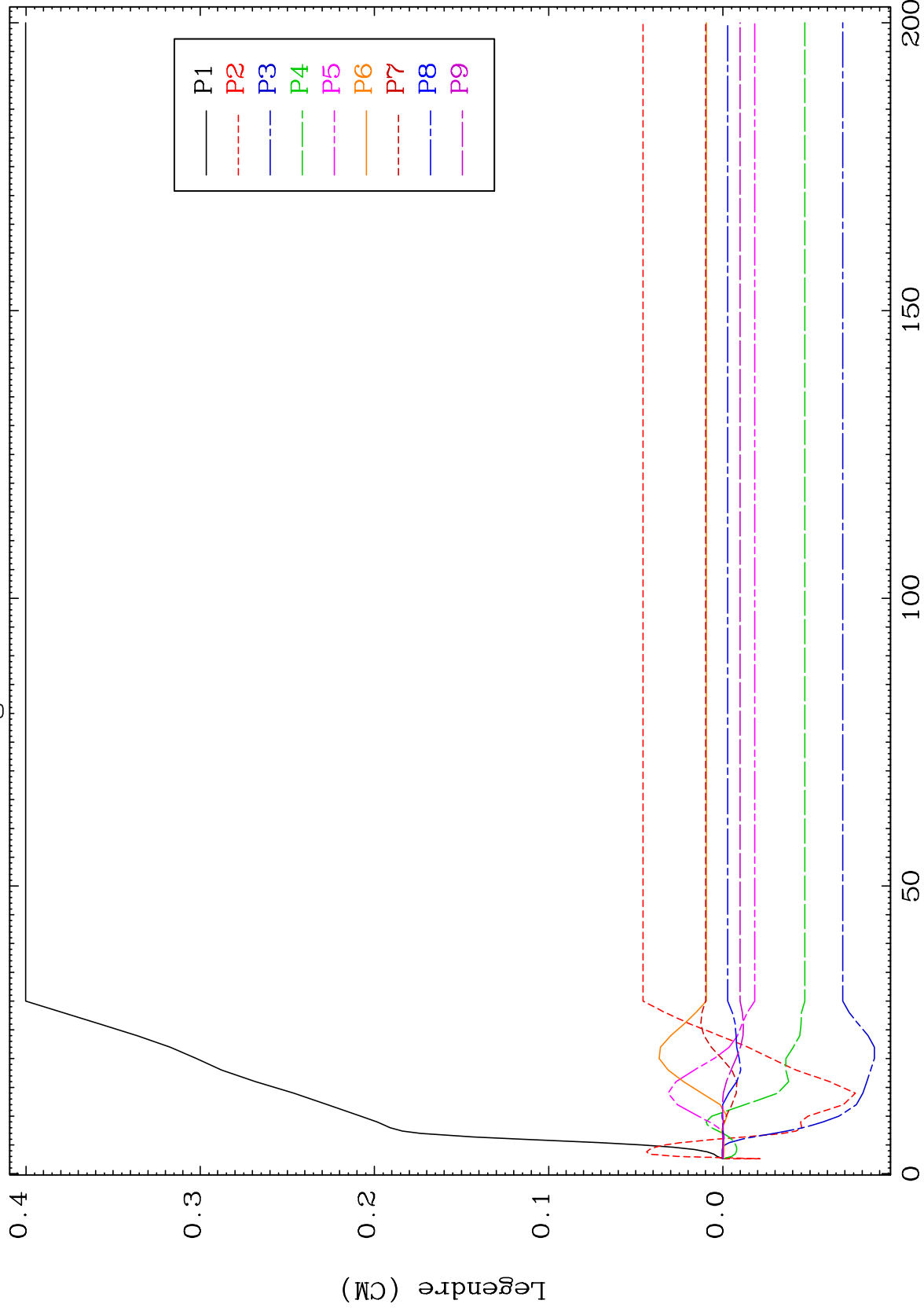
Legendre Coefficients



MAT 5419

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

54-Xe-122



88

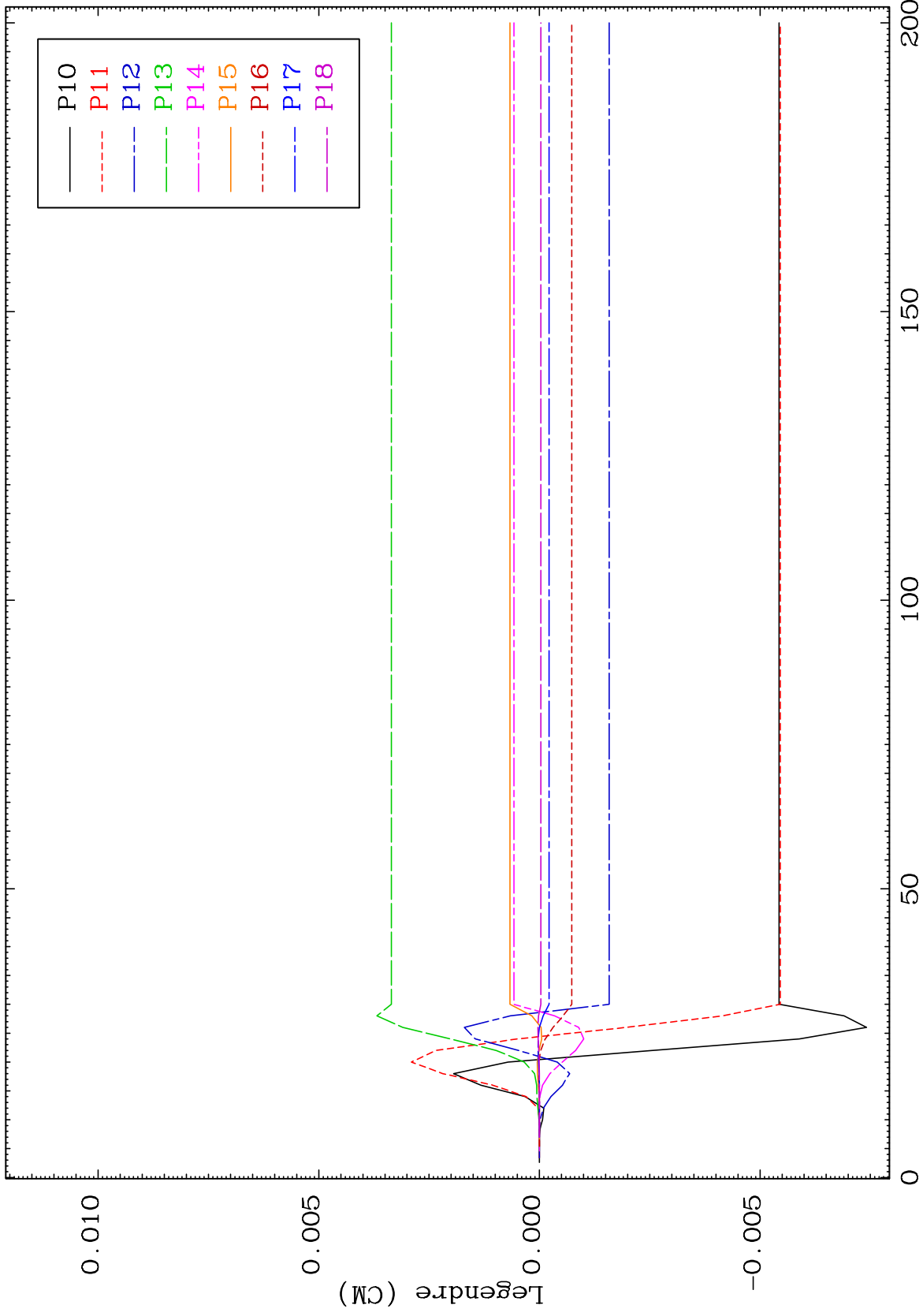
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



89

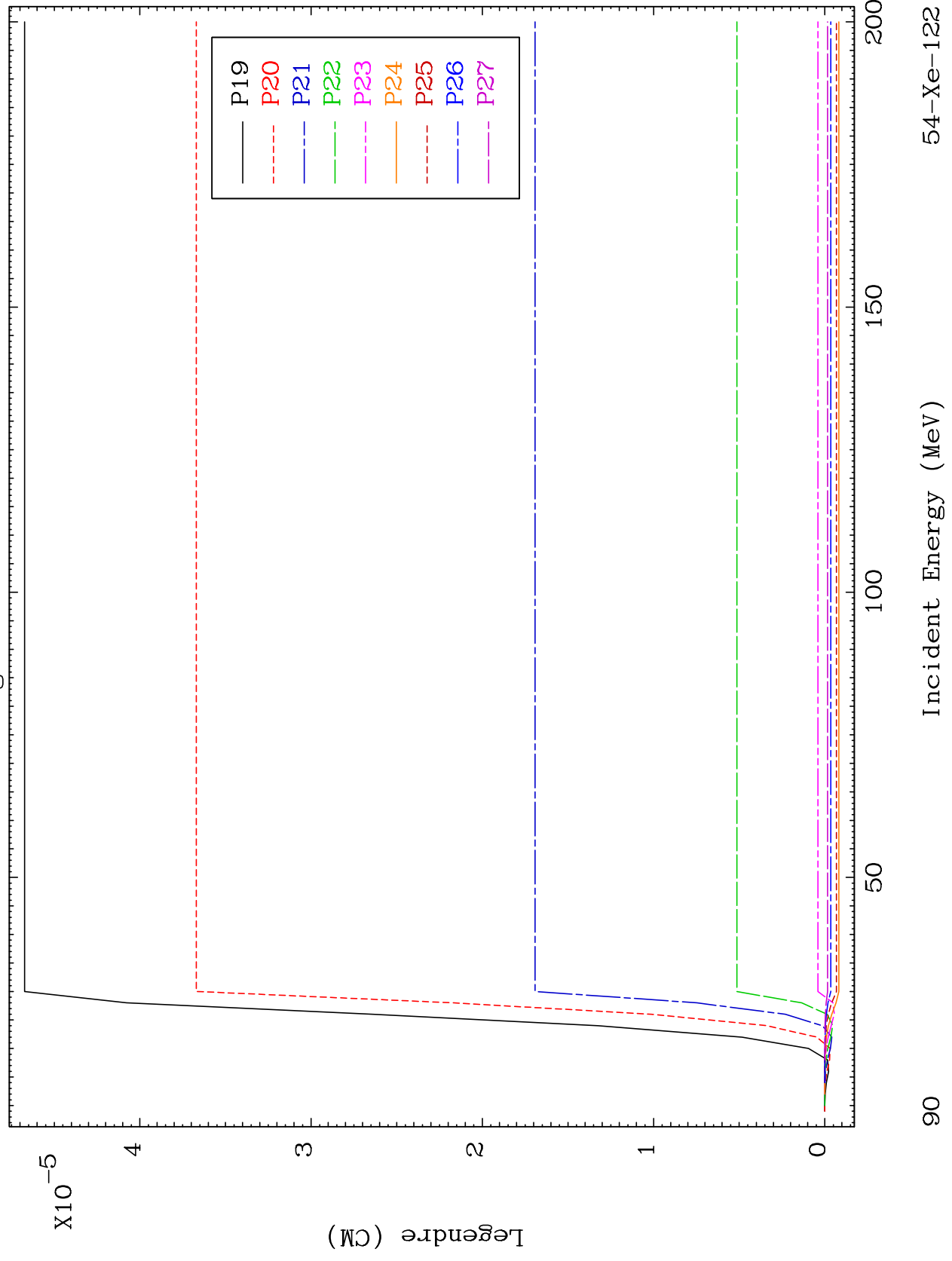
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

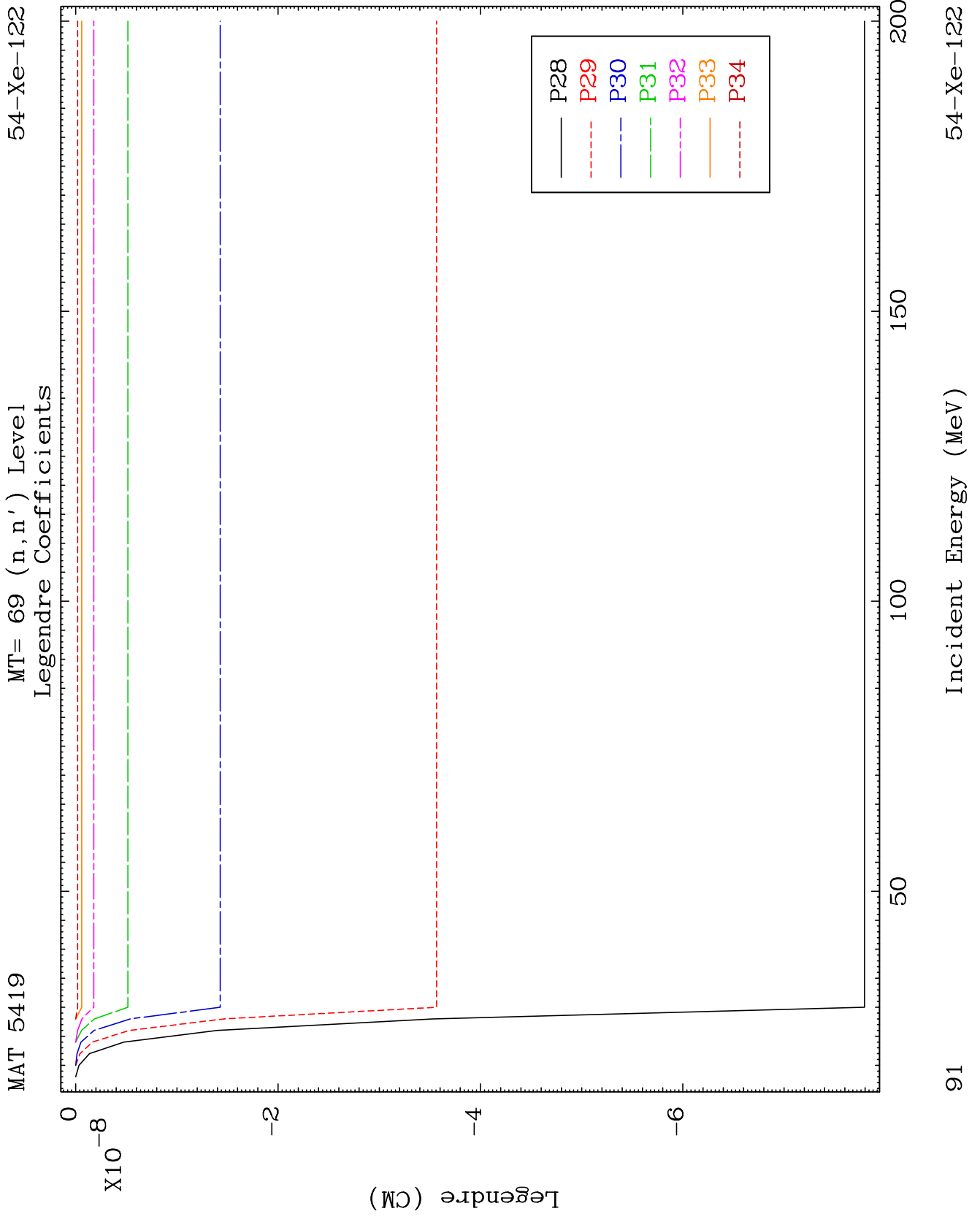
54-Xe-122



90

Incident Energy (MeV)

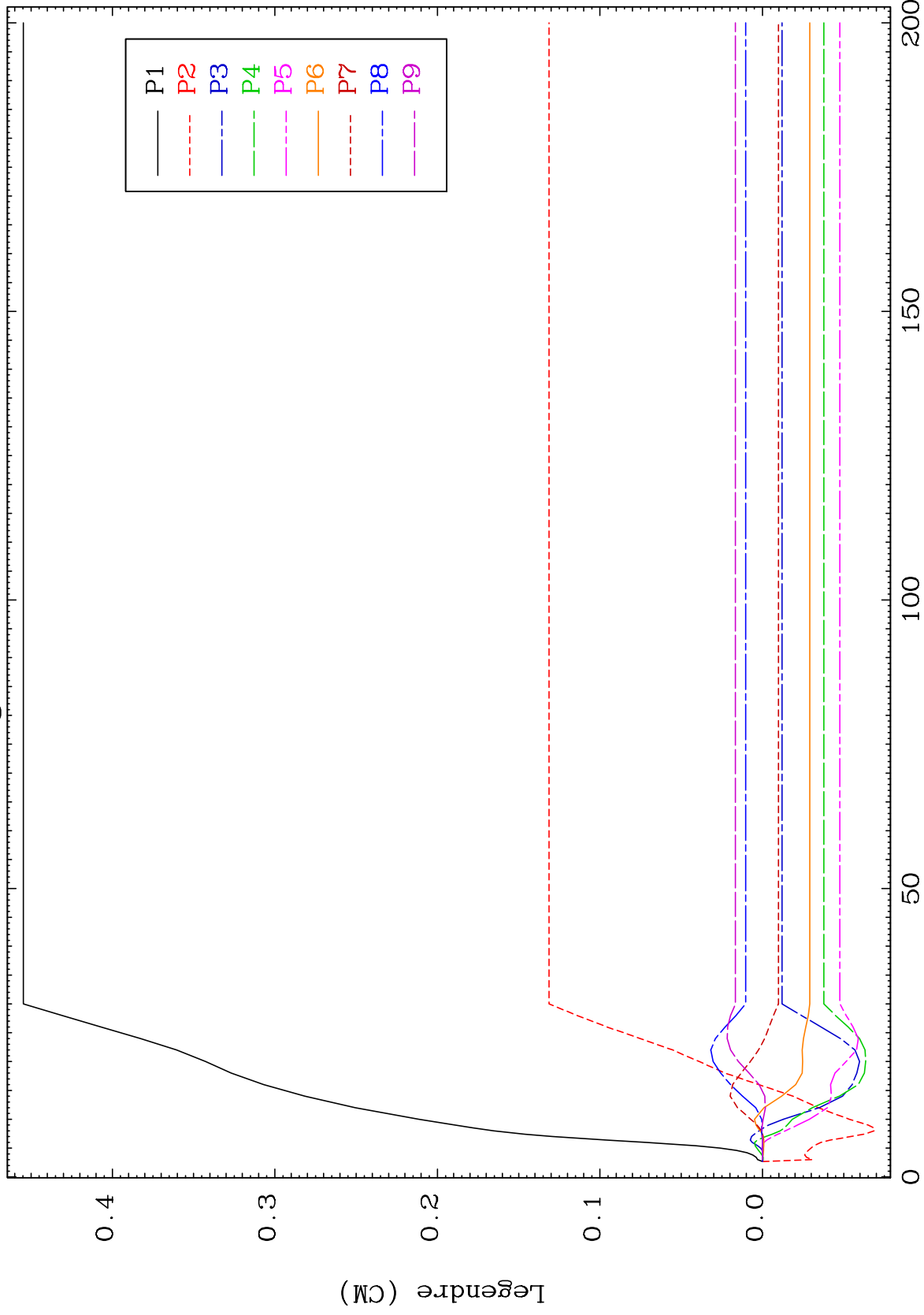
54-Xe-122



MAT 5419

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

54-Xe-122



92

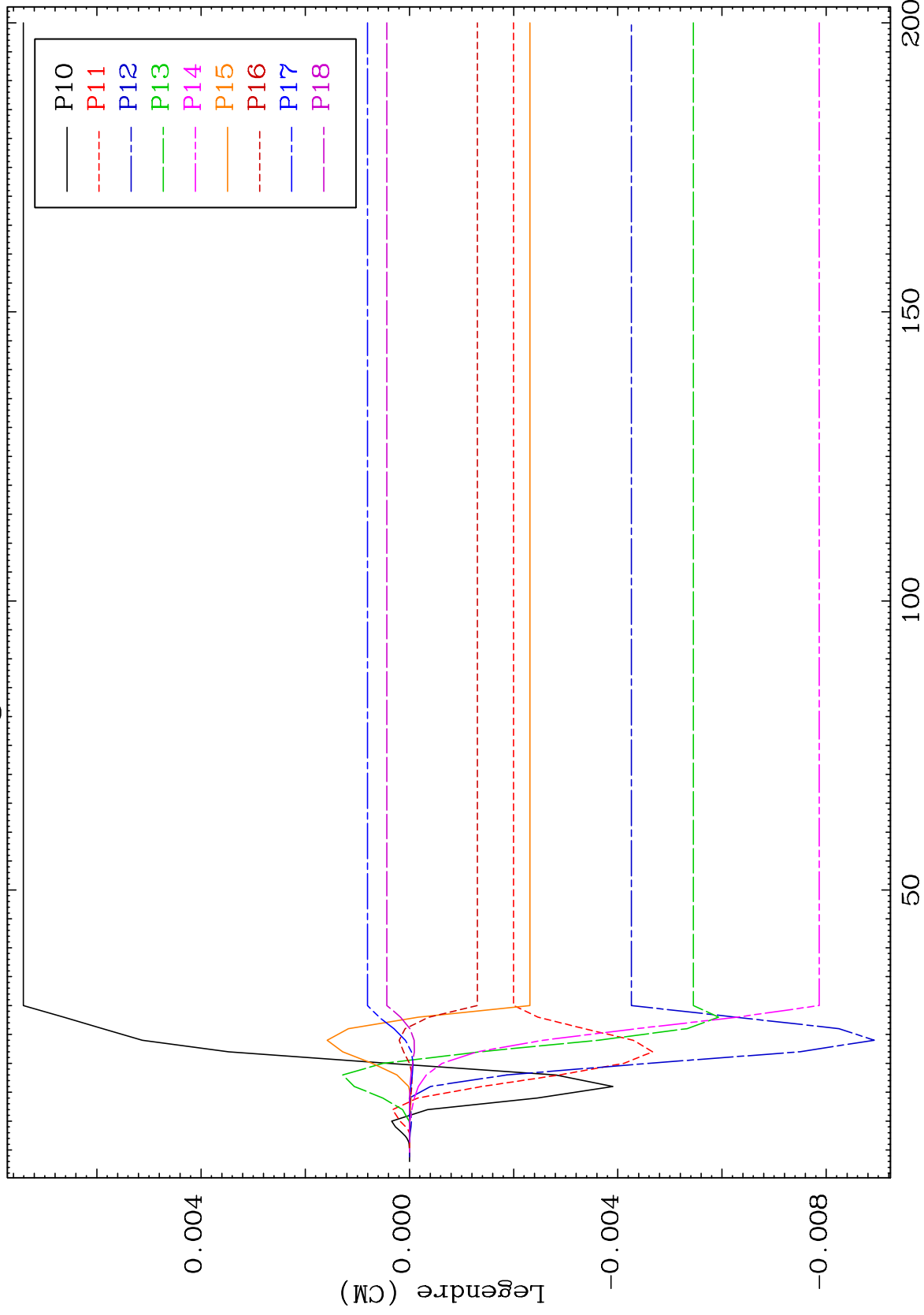
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

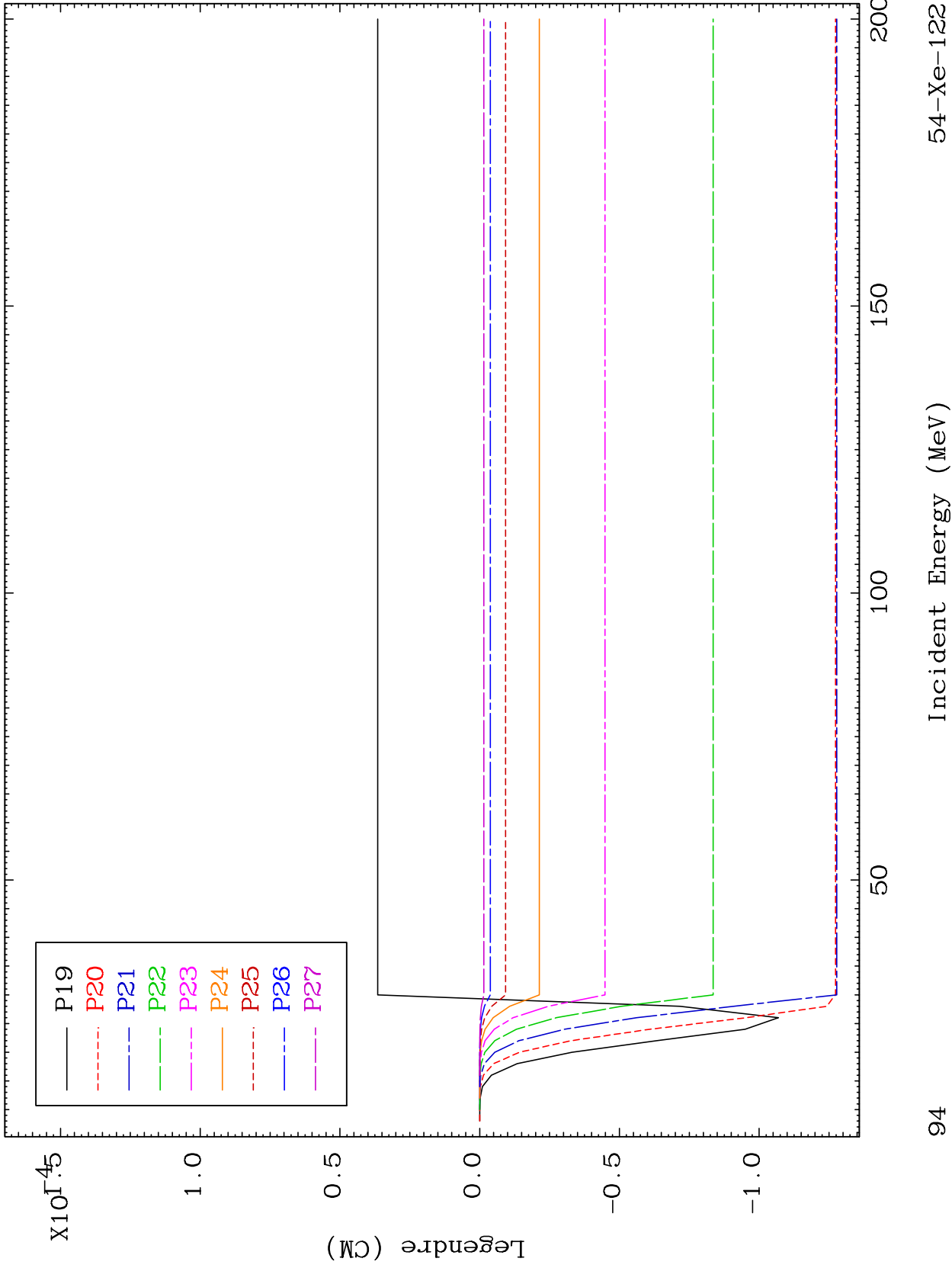
54-Xe-122



93

Incident Energy (MeV)

54-Xe-122

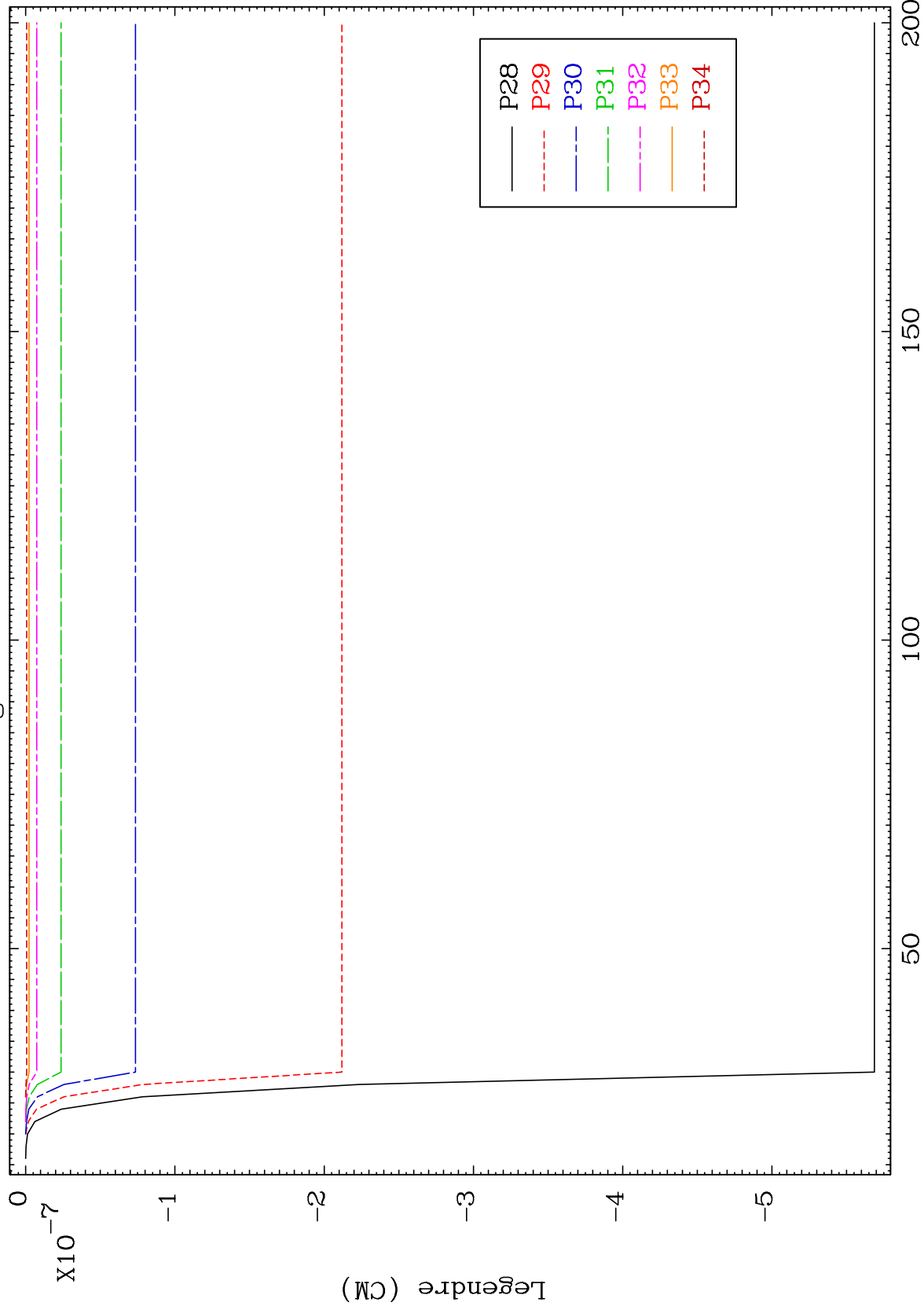


MAT 5419

MT= 70 (n,n') Level

54-Xe-122

Legendre Coefficients



95

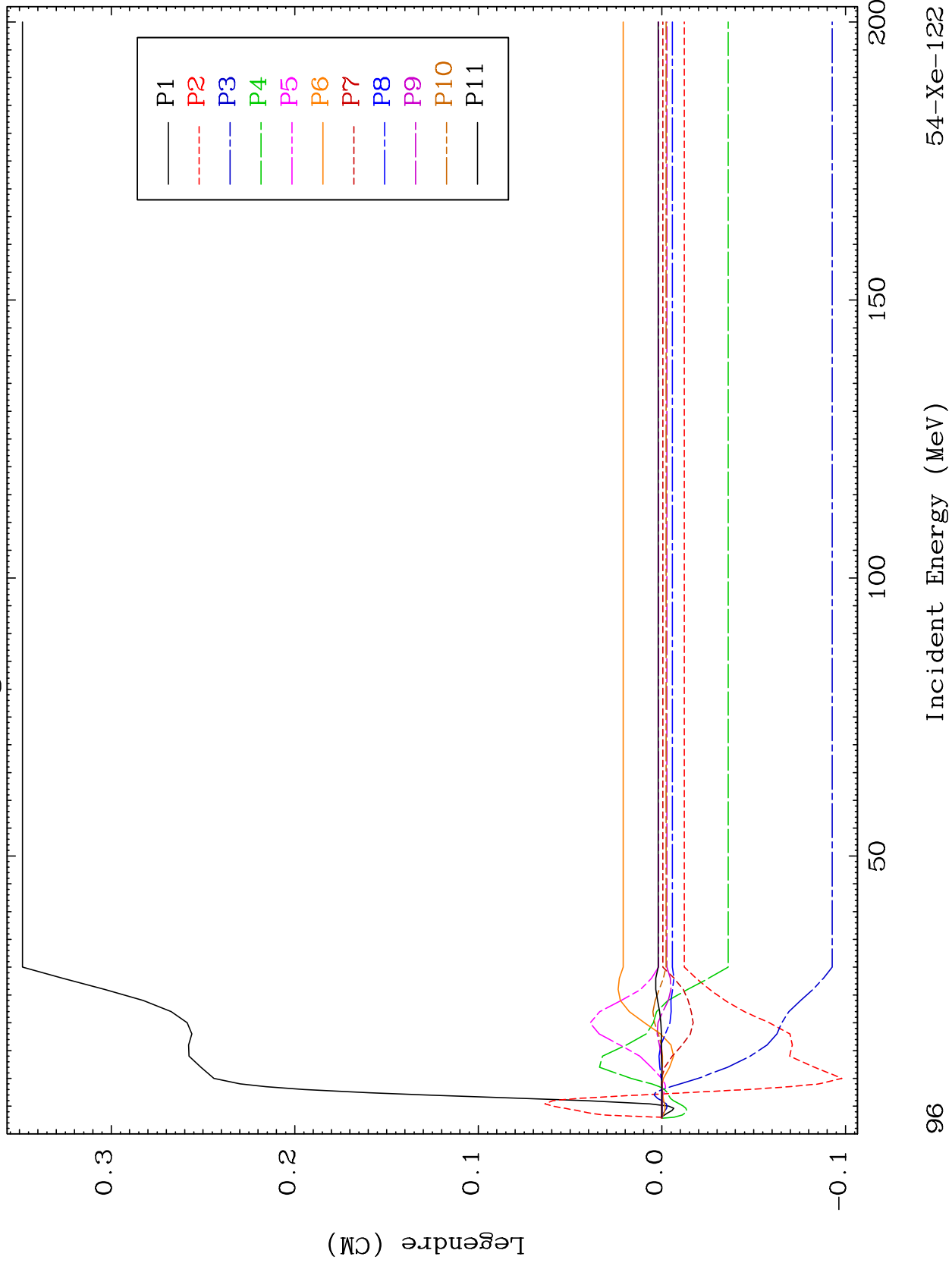
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



96

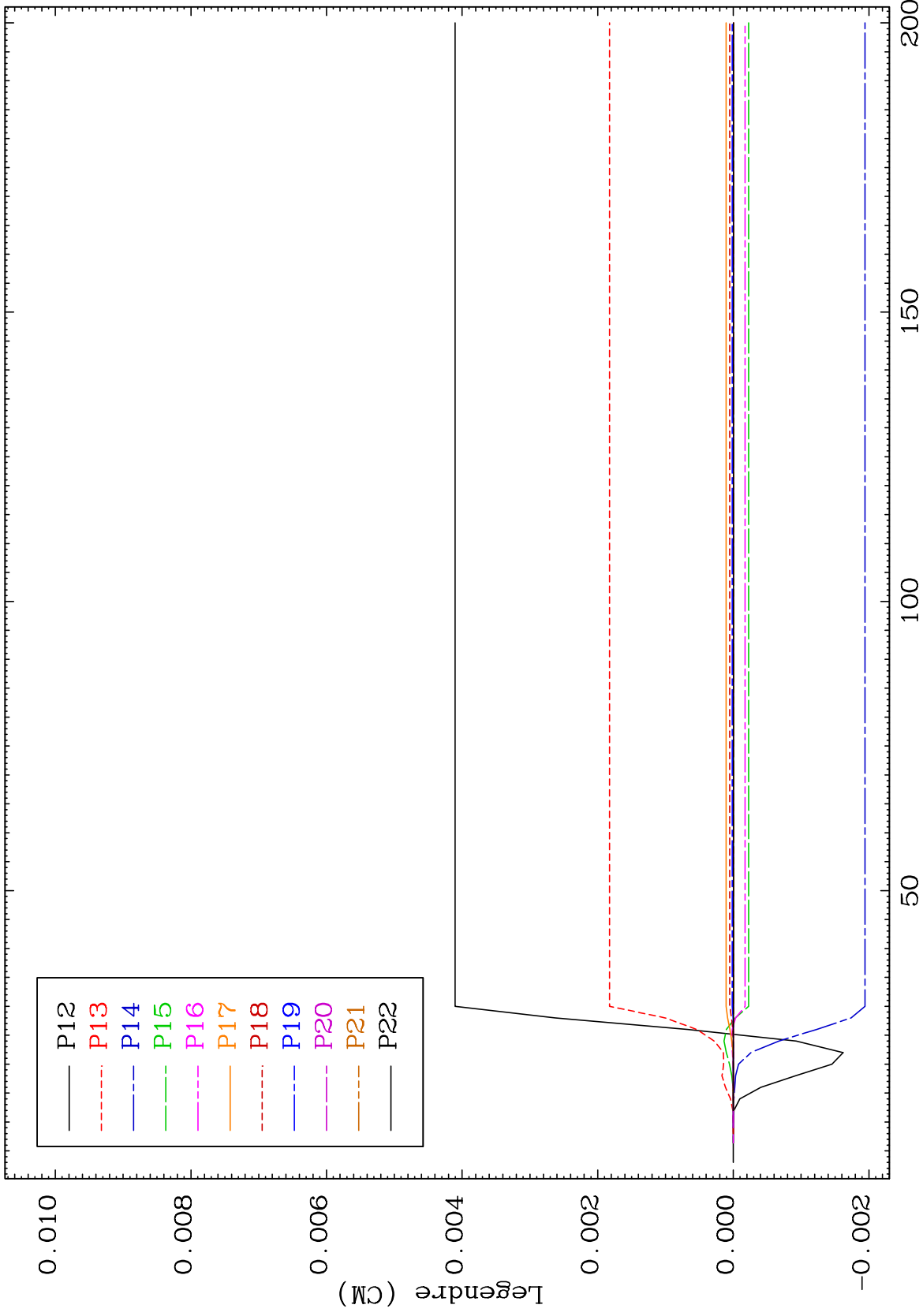
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



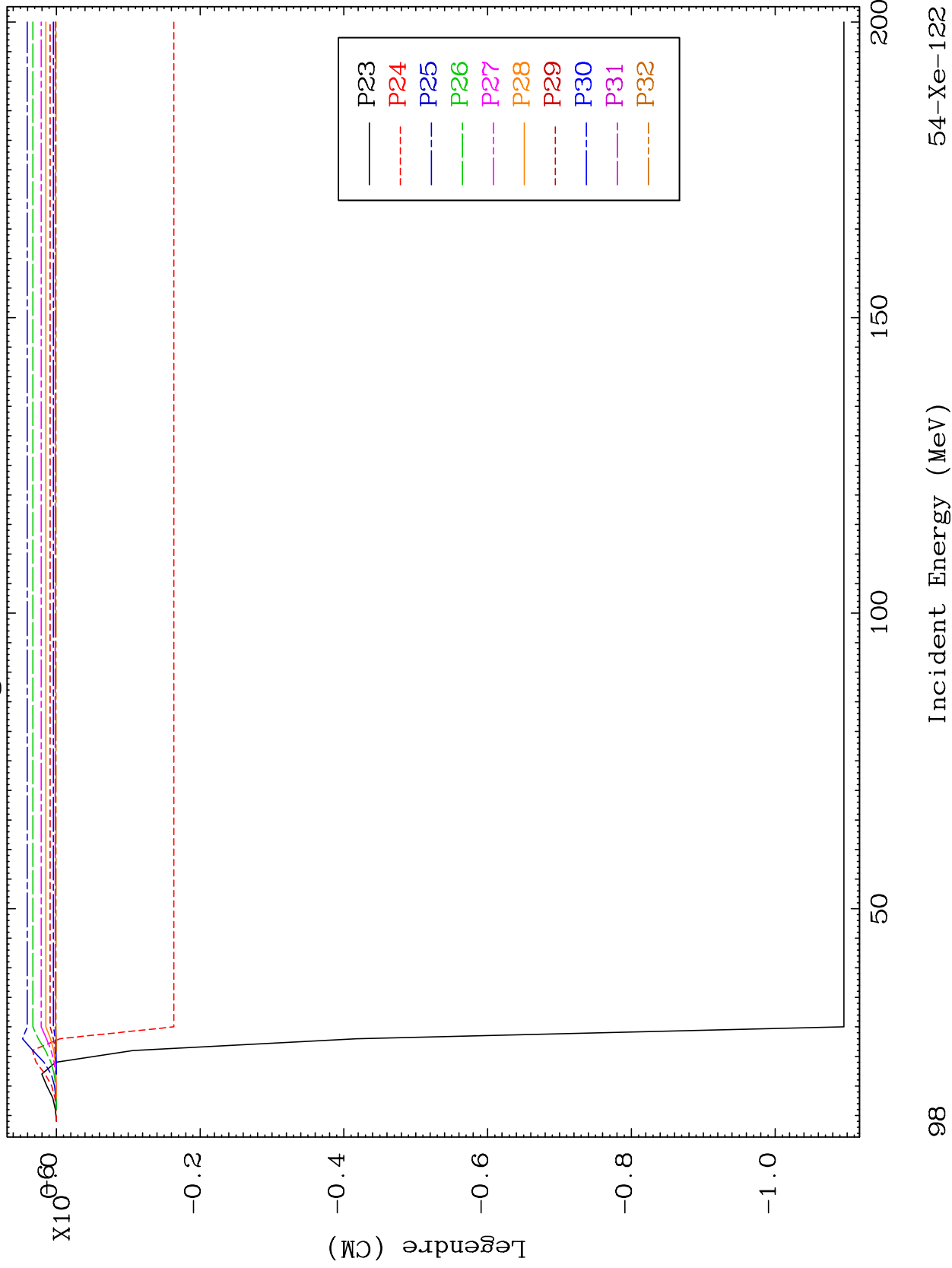
97

54-Xe-122

MAT 5419

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

54-Xe-122

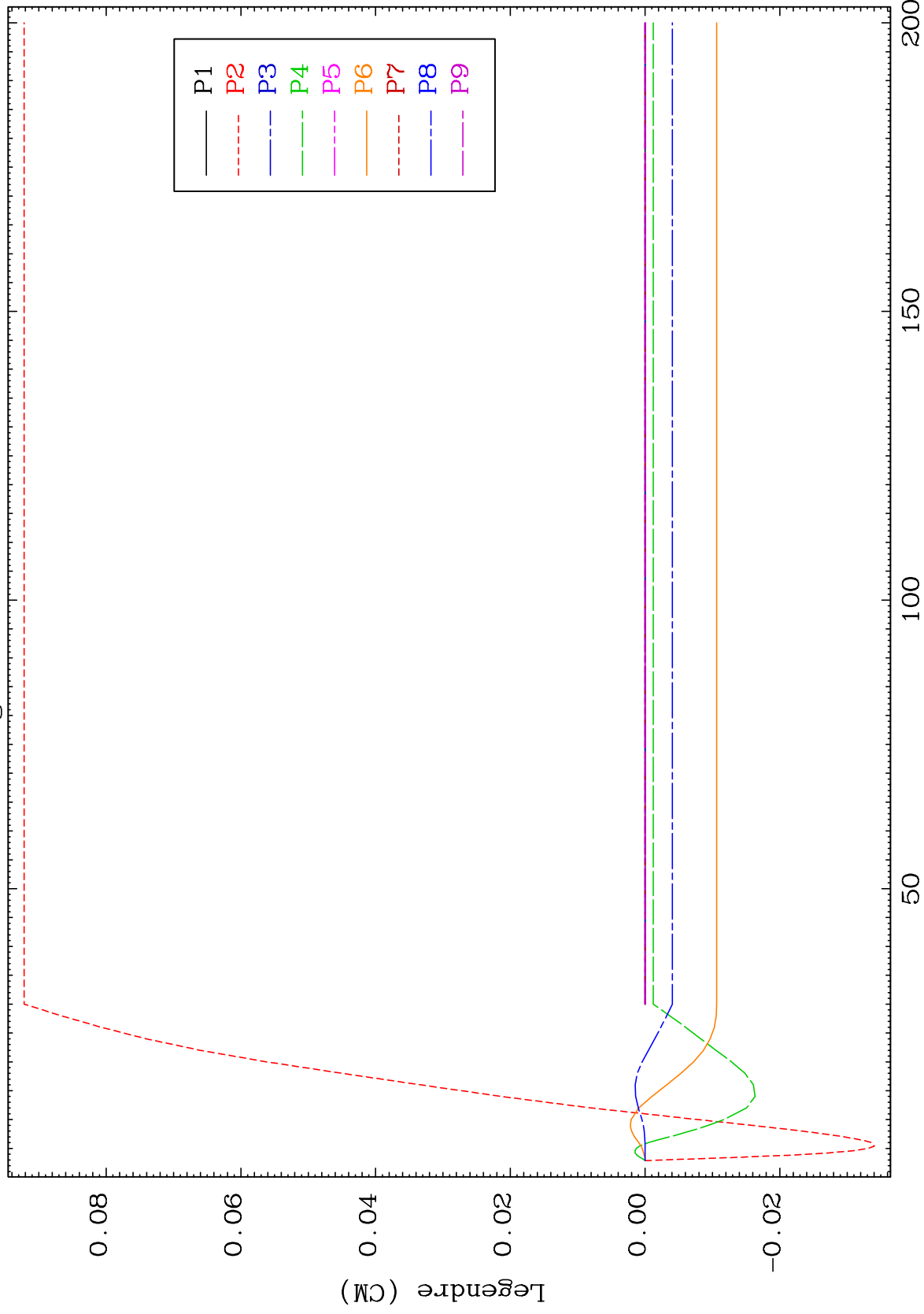


98

MAT 5419

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

54-Xe-122



99

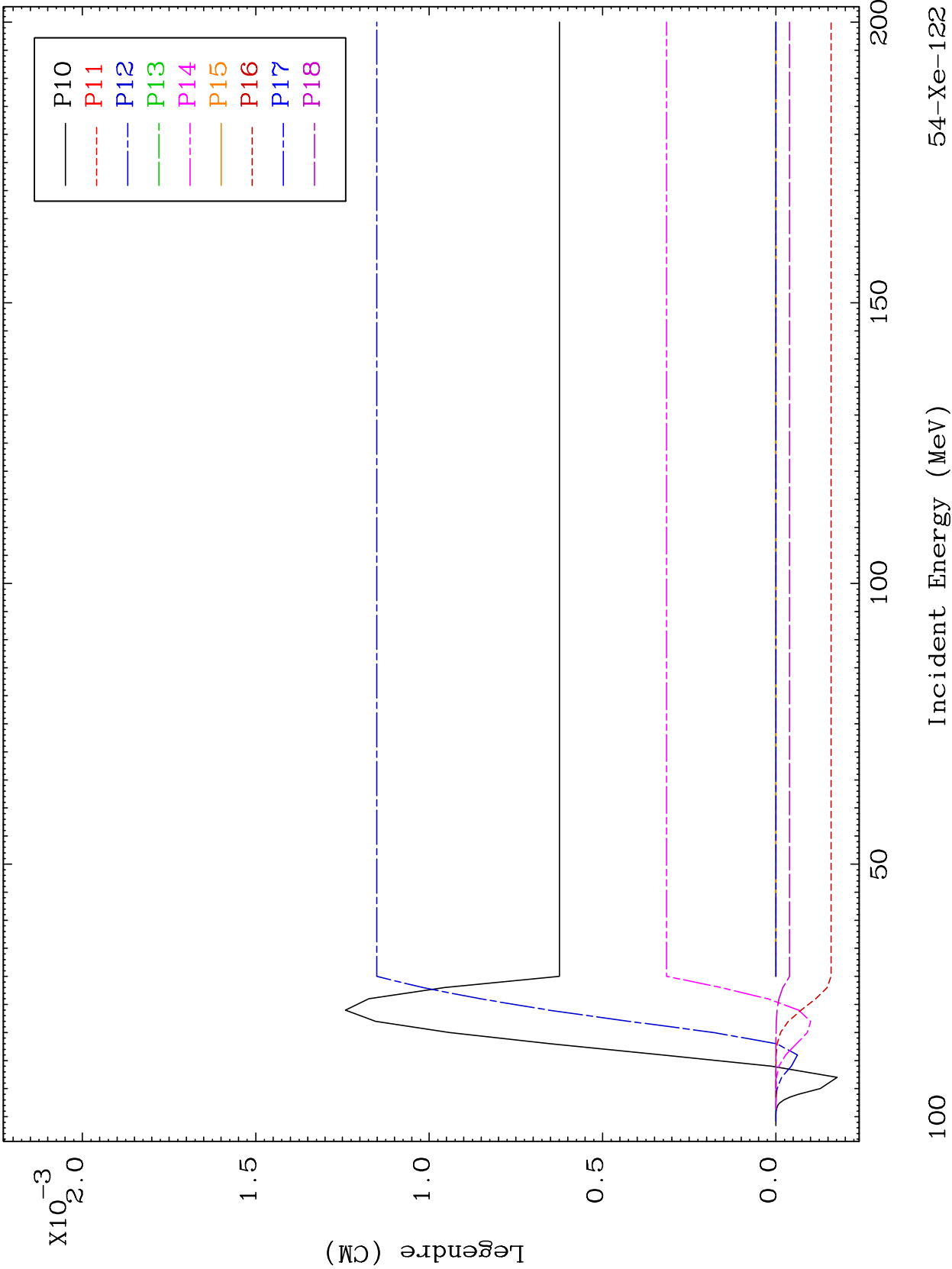
Incident Energy (MeV)

54-Xe-122

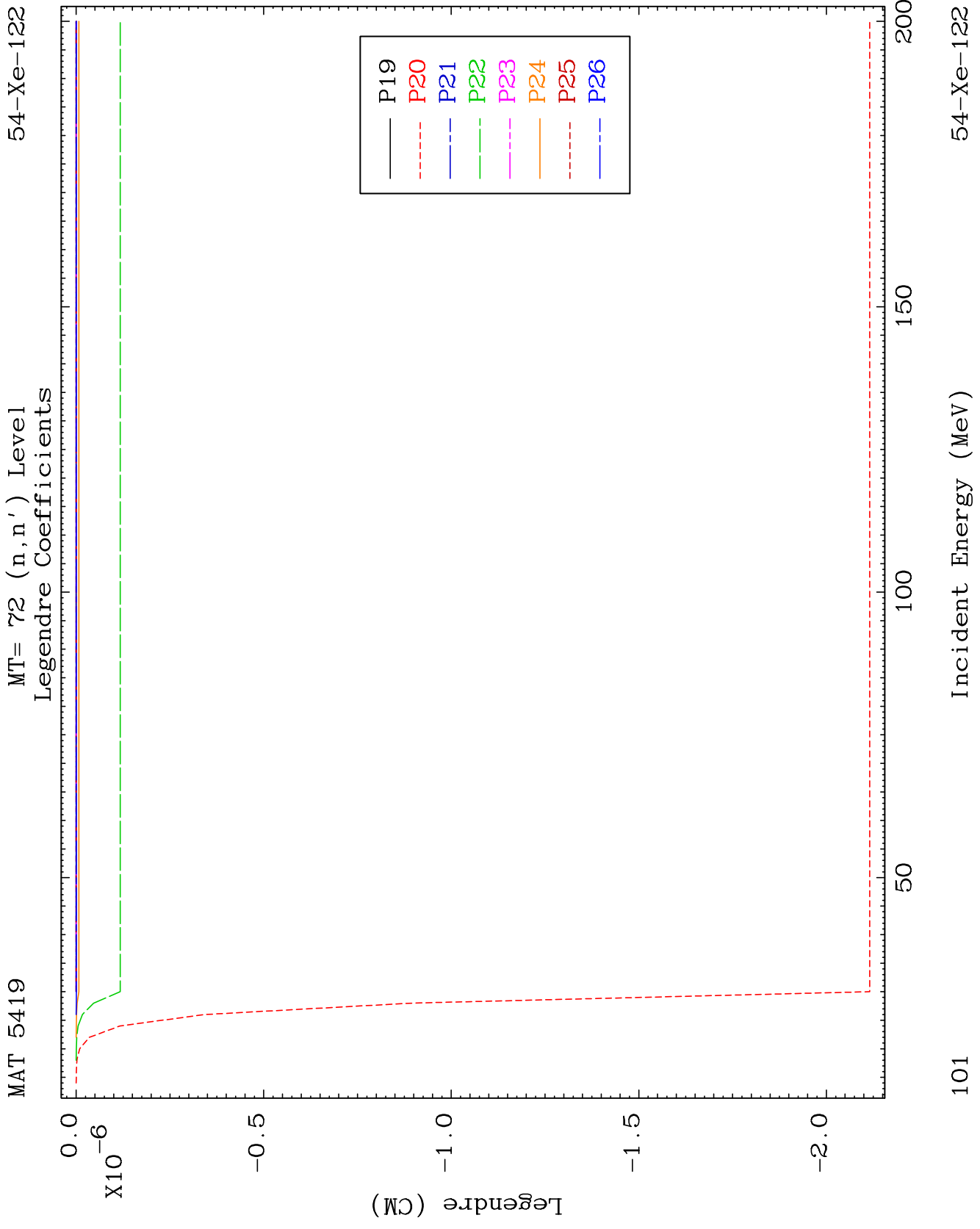
MAT 5419

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

54-Xe-122



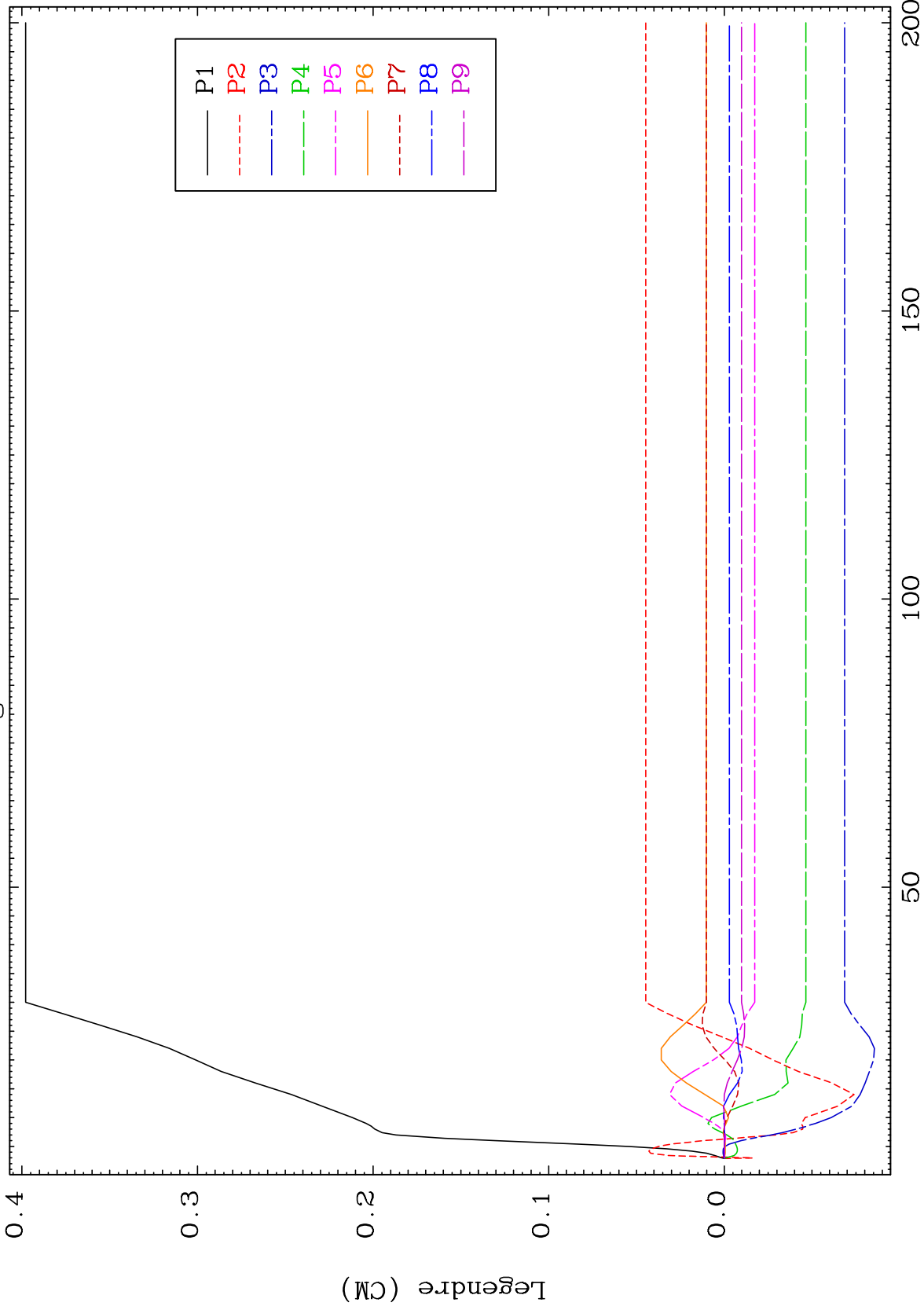
54-Xe-122



MAT 5419

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

54-Xe-122



102

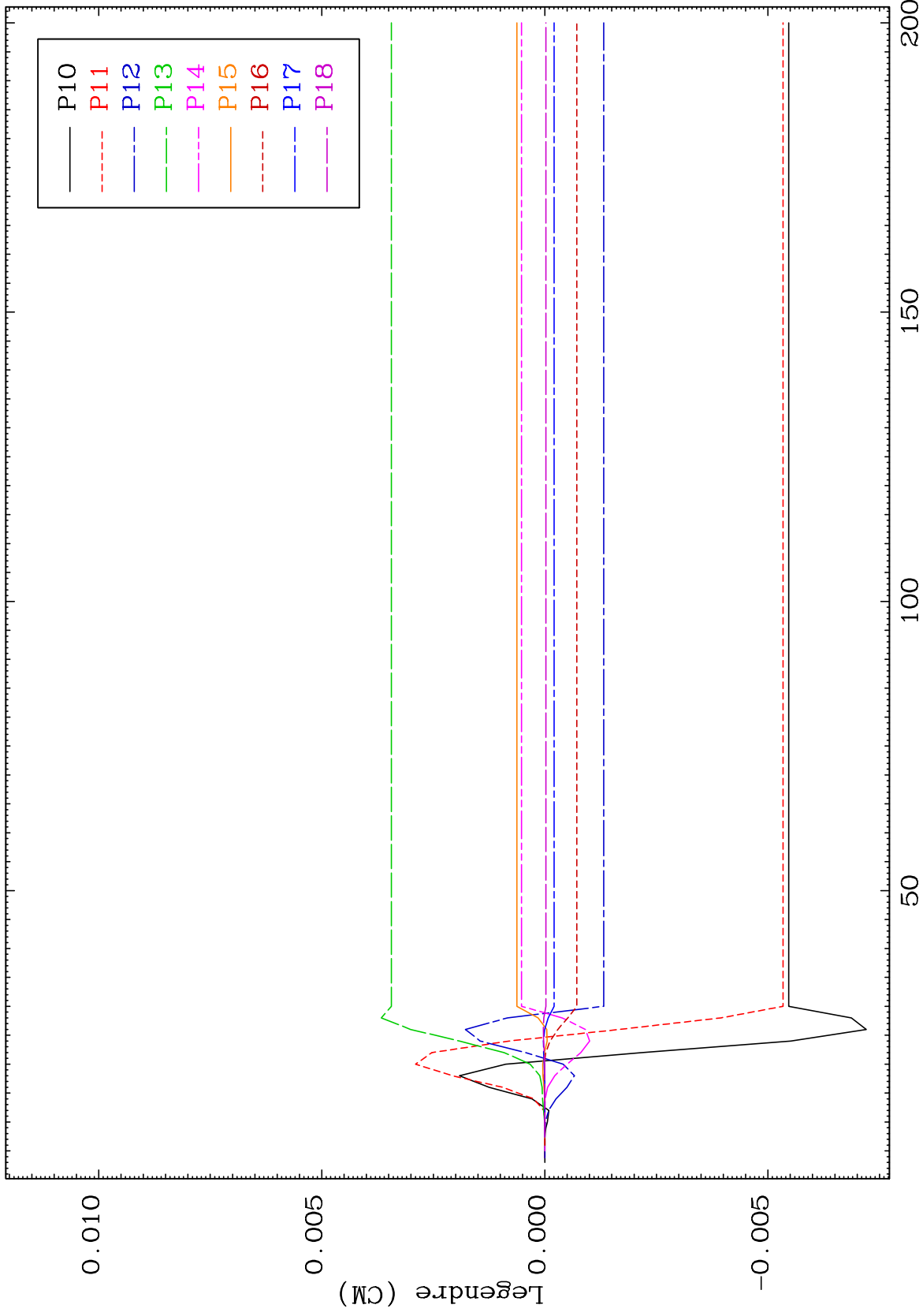
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



103

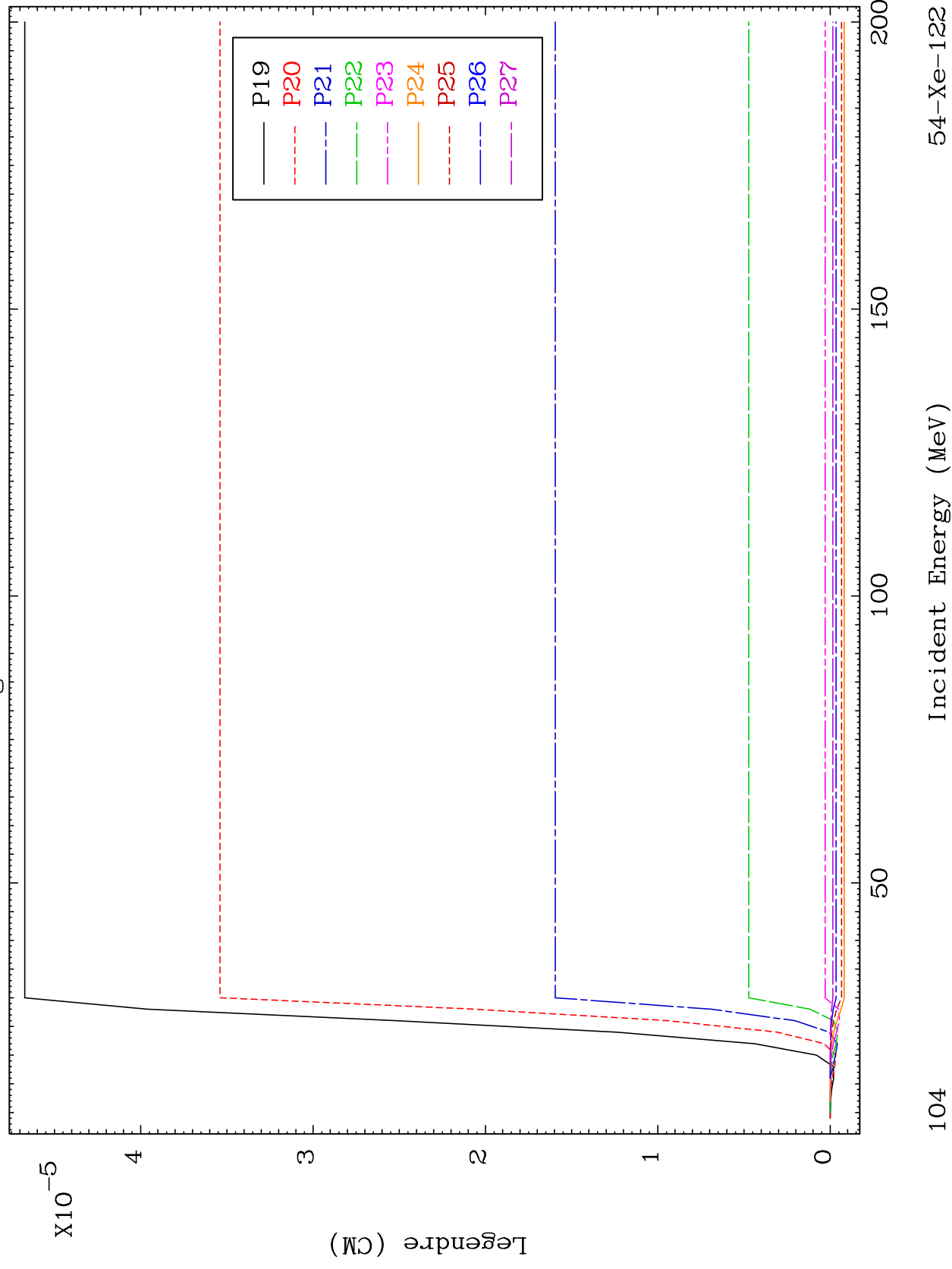
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



104

Incident Energy (MeV)

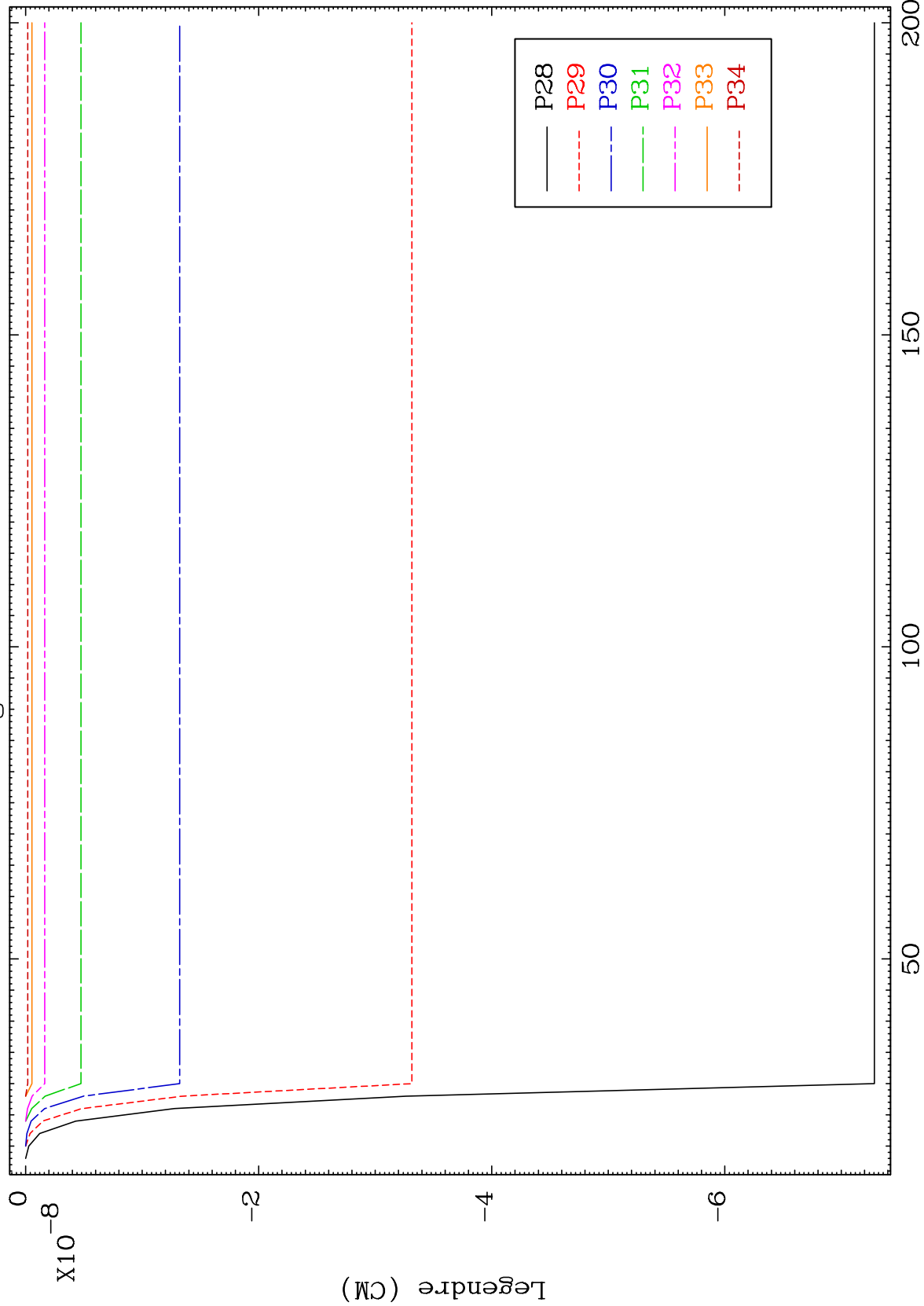
54-Xe-122

MAT 5419

MT= 73 (n,n') Level

54-Xe-122

Legendre Coefficients



54-Xe-122

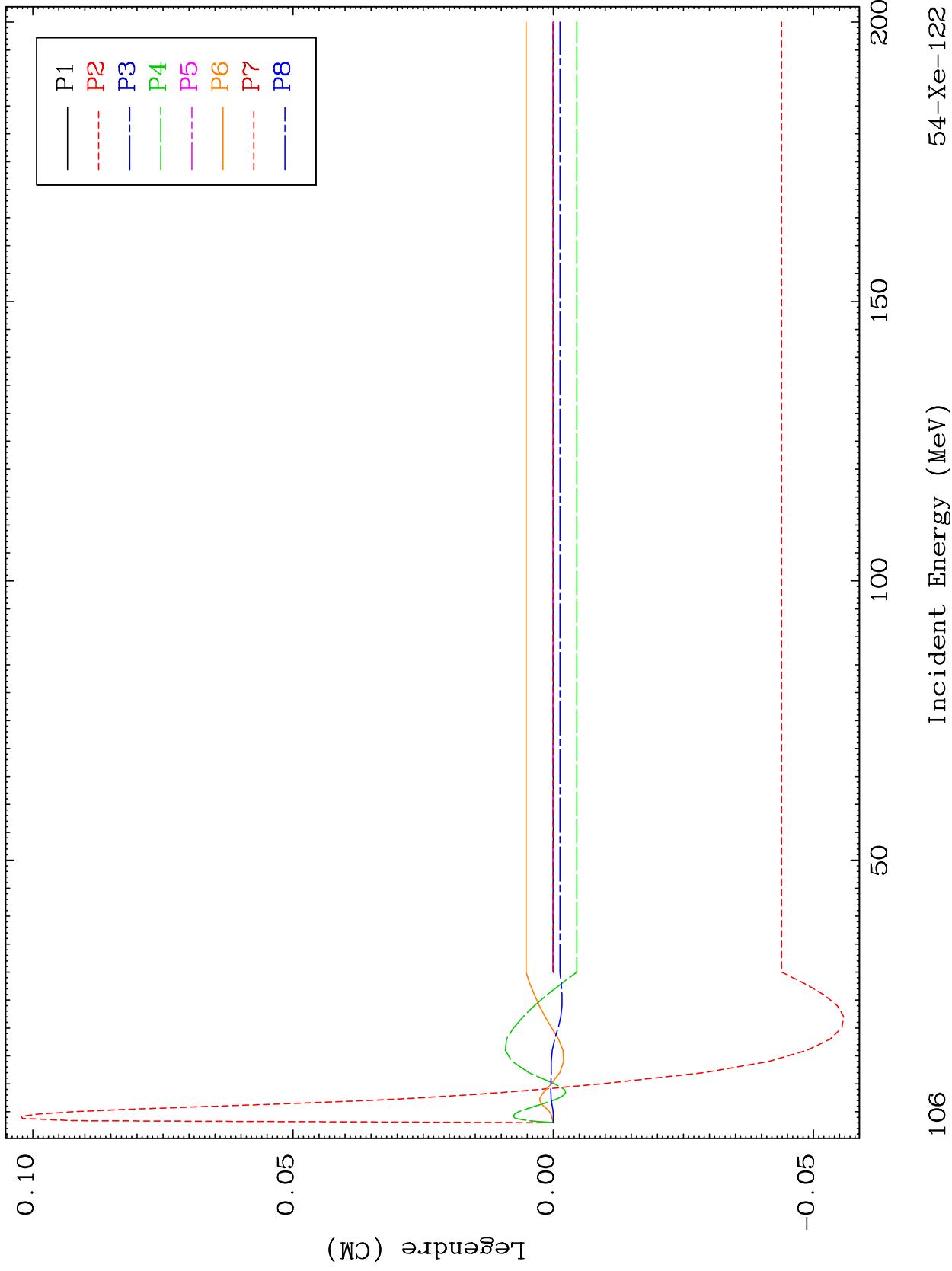
Incident Energy (MeV)

105

MAT 5419

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

54-Xe-122



54-Xe-122

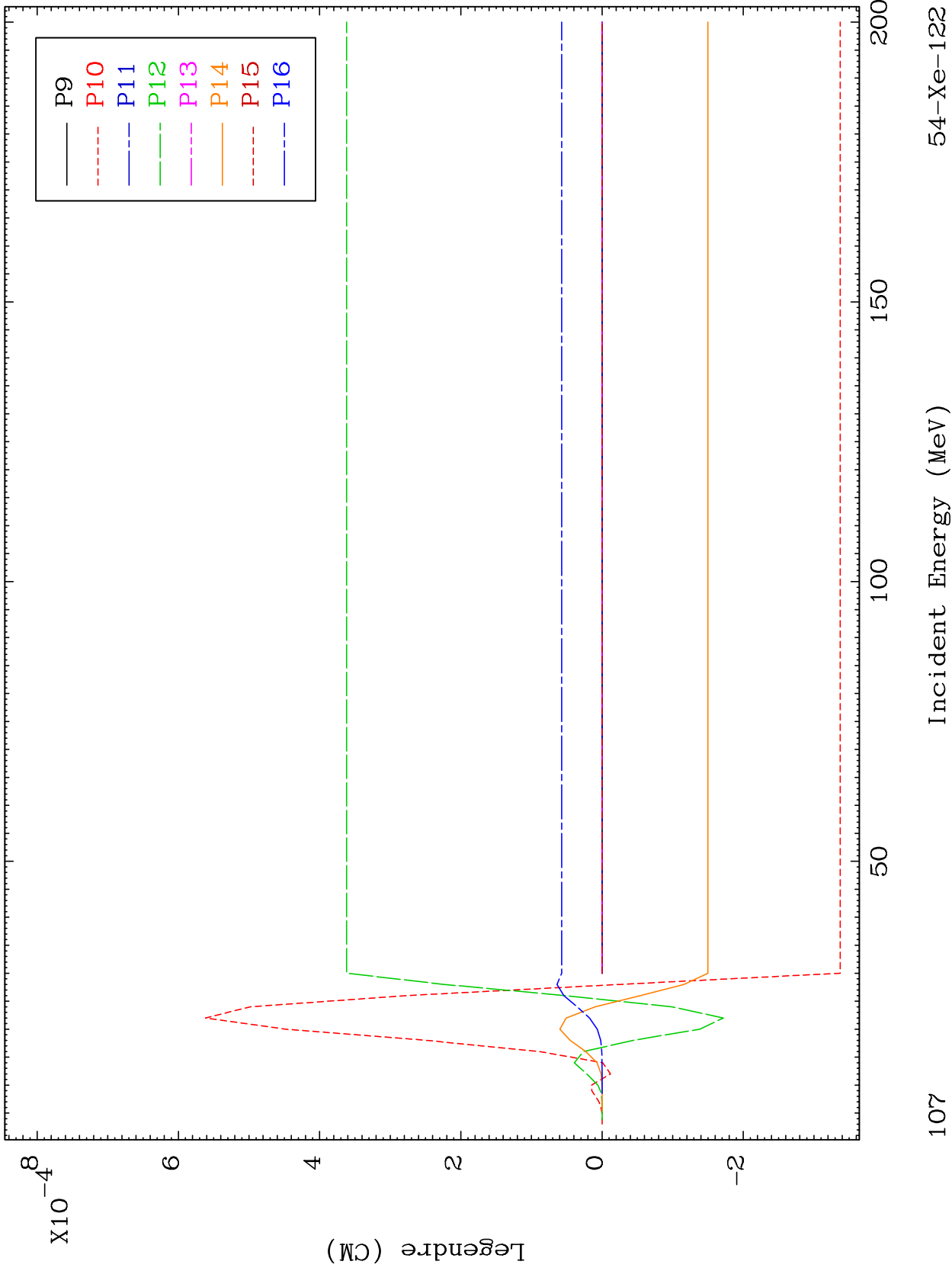
Incident Energy (MeV)

106

MAT 5419

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

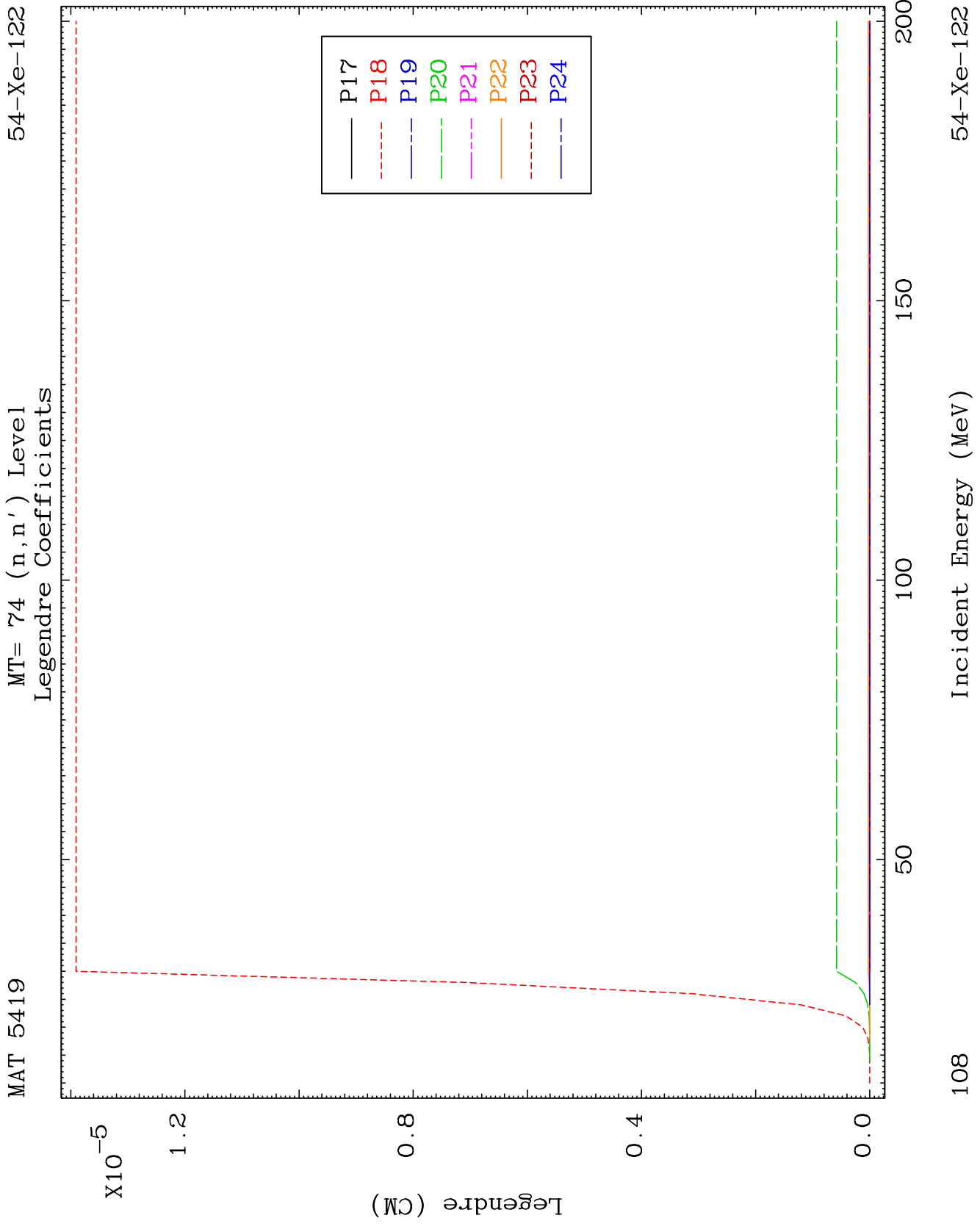
54-Xe-122



107

Incident Energy (MeV)

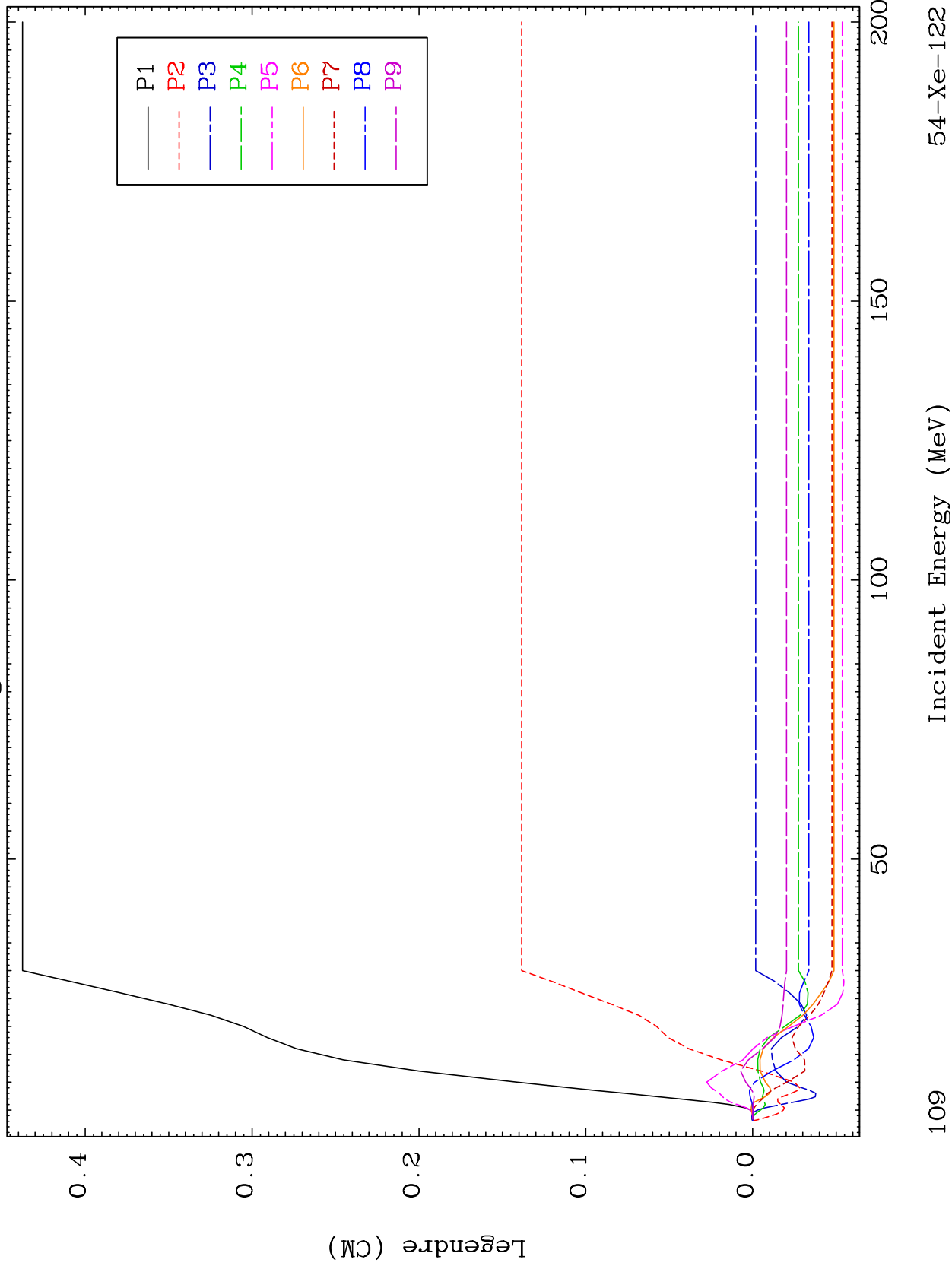
54-Xe-122



MAT 5419

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

54-Xe-122



109

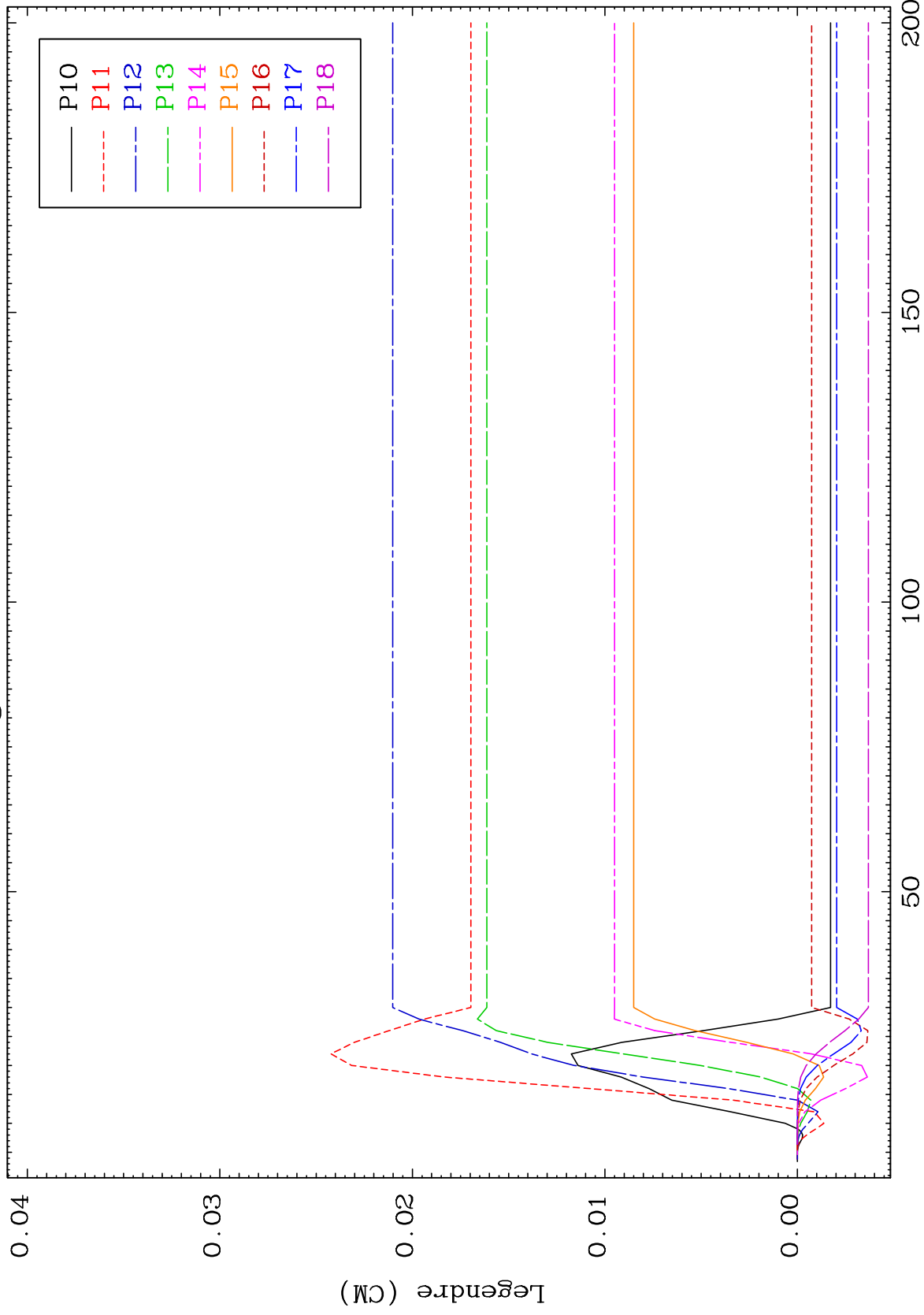
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

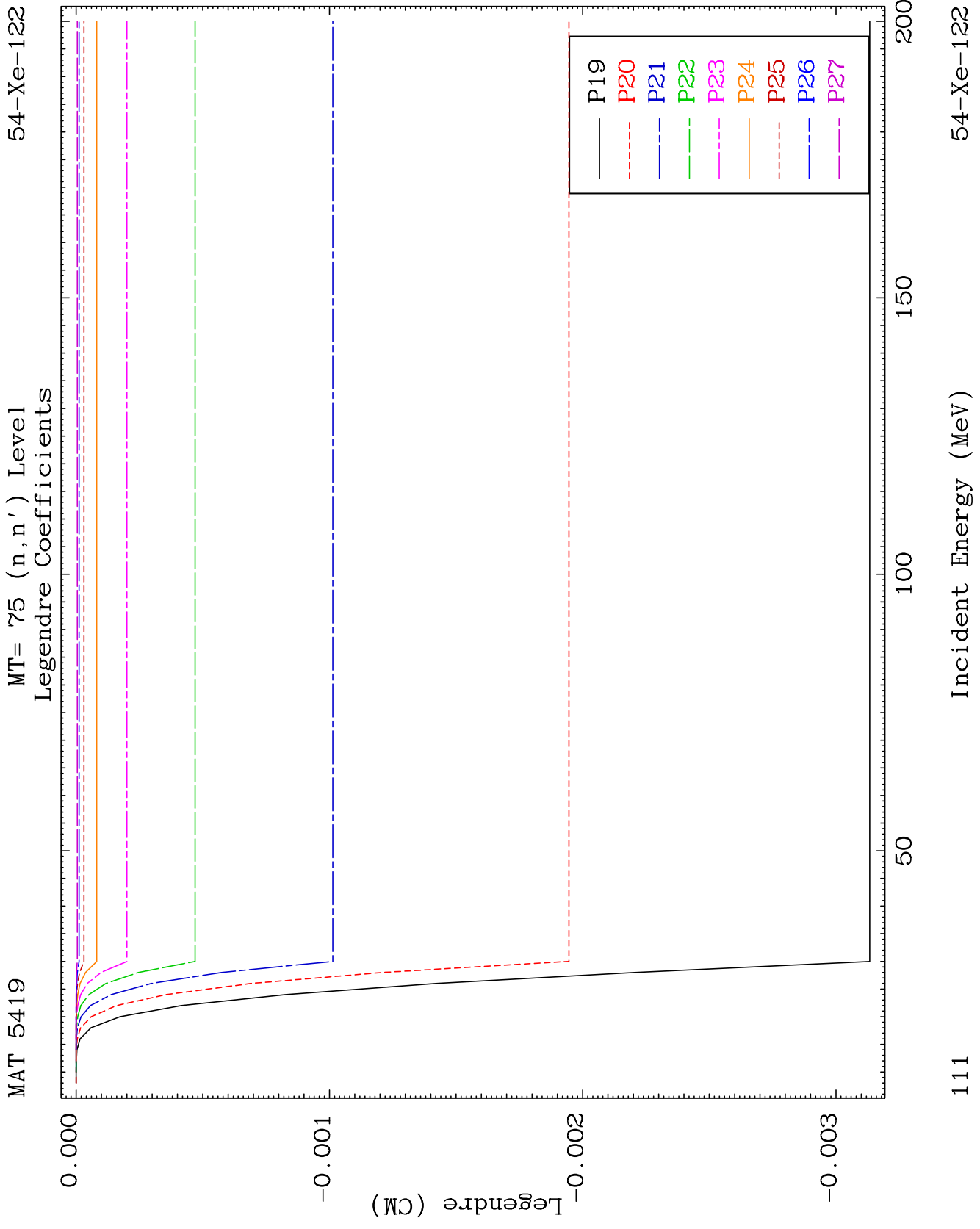
54-Xe-122



110

Incident Energy (MeV)

54-Xe-122

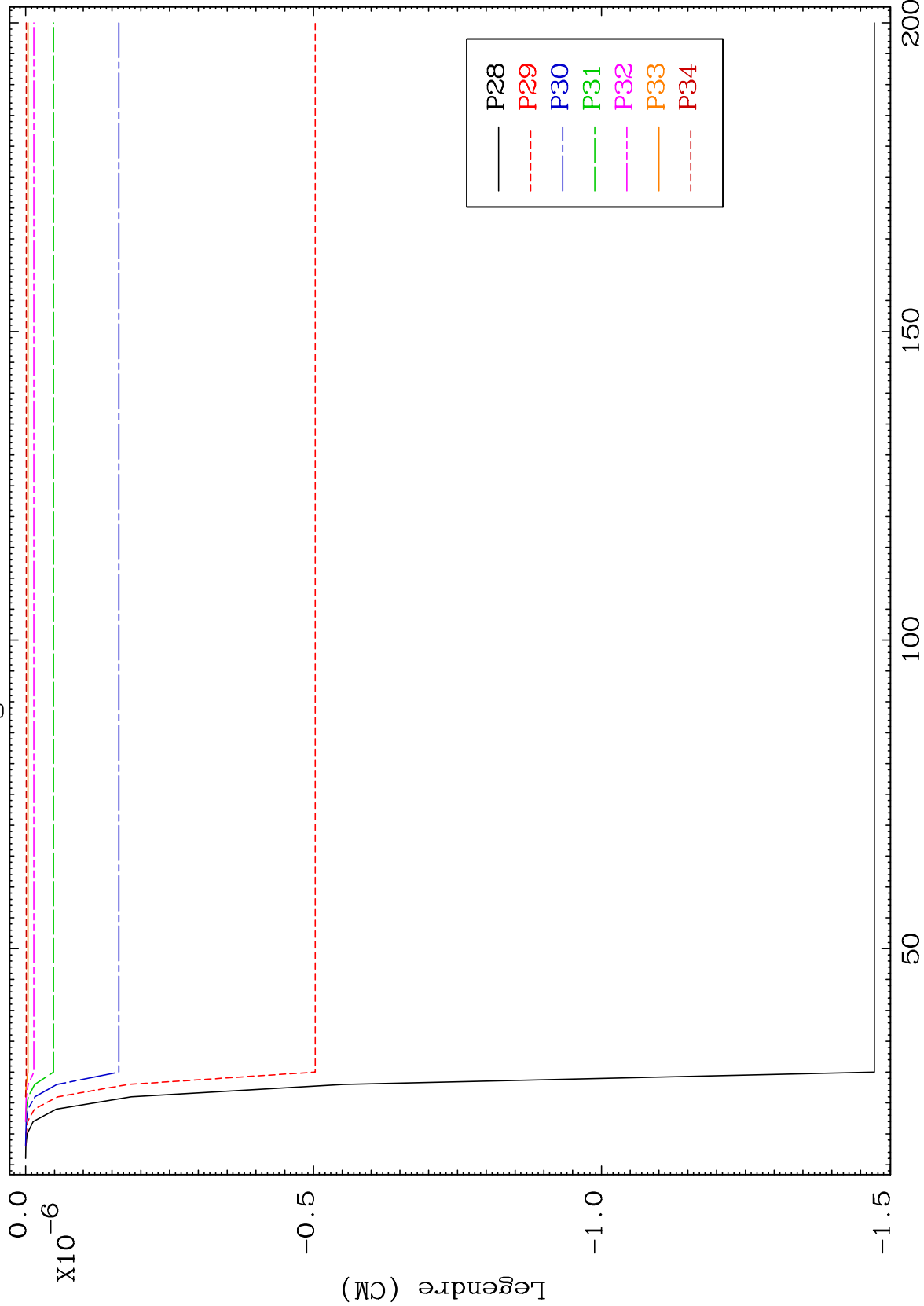


MAT 5419

MT= 75 (n,n') Level

54-Xe-122

Legendre Coefficients



112

Incident Energy (MeV)

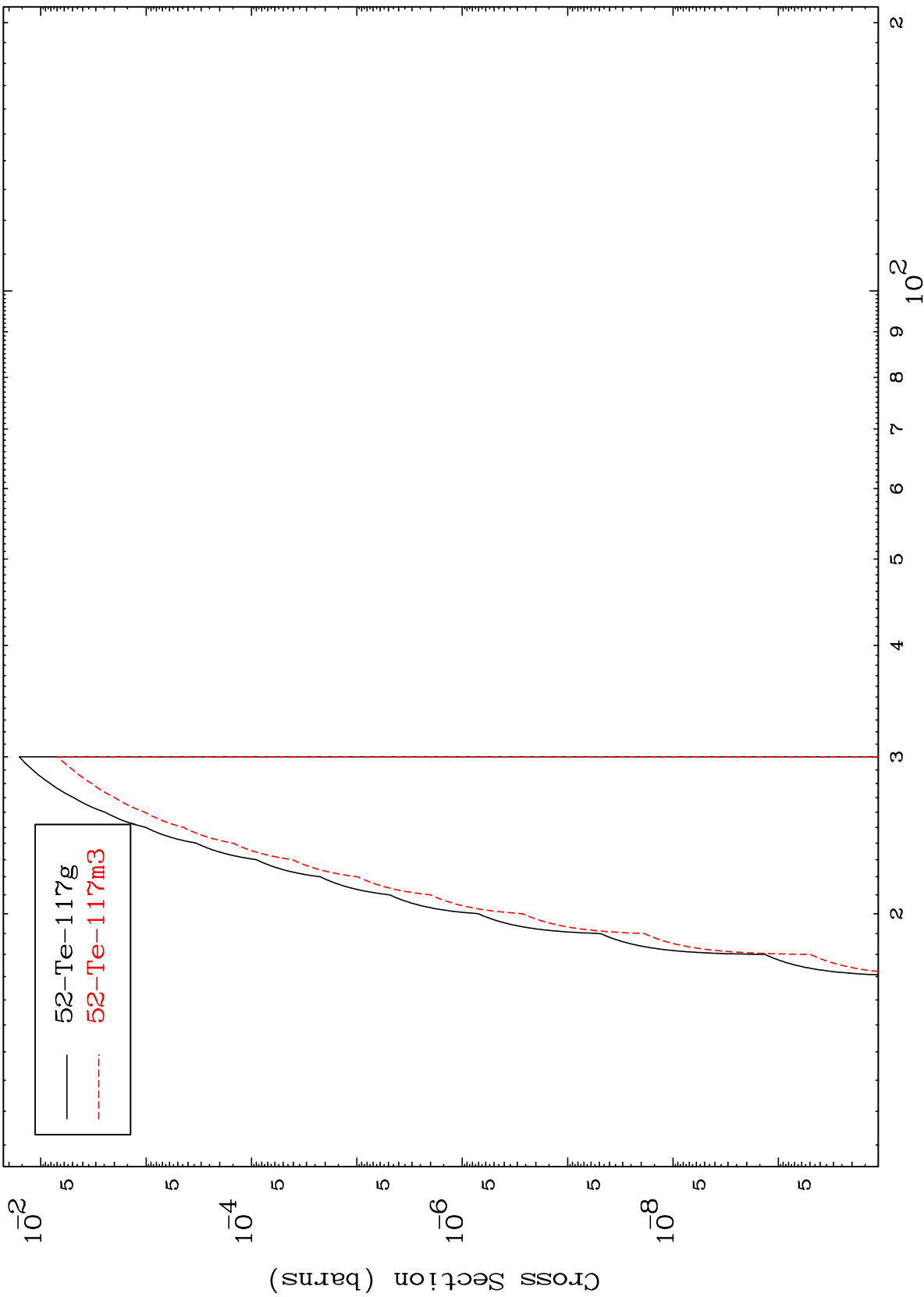
54-Xe-122

MAT 5419

(n,2n)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



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

113

Incident Energy (MeV)

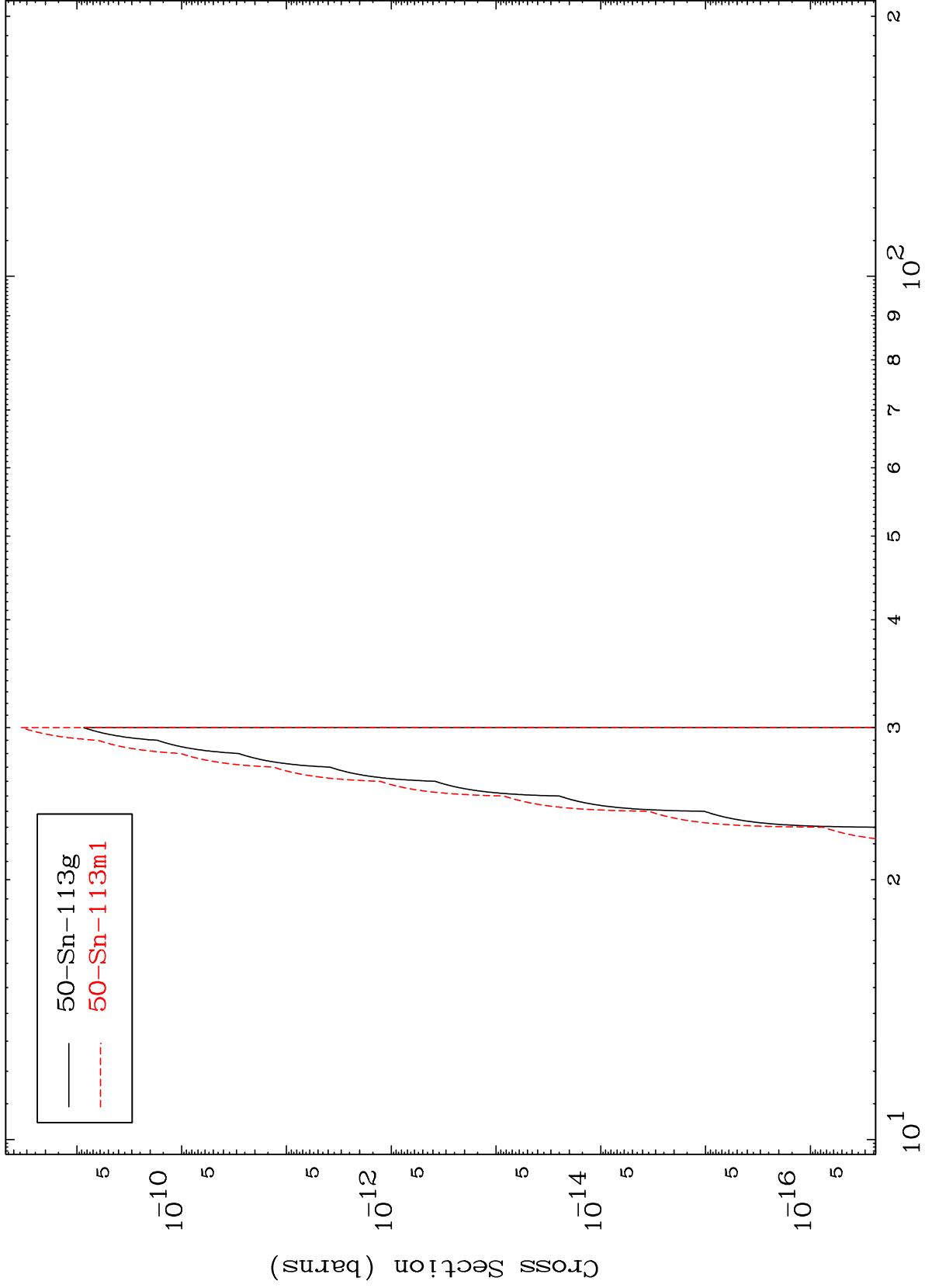
54-Xe-122

MAT 5419

(n,2n) 2 $\alpha$

54-Xe-122

Radionuclide Production Cross Section



114

Incident Energy (MeV)

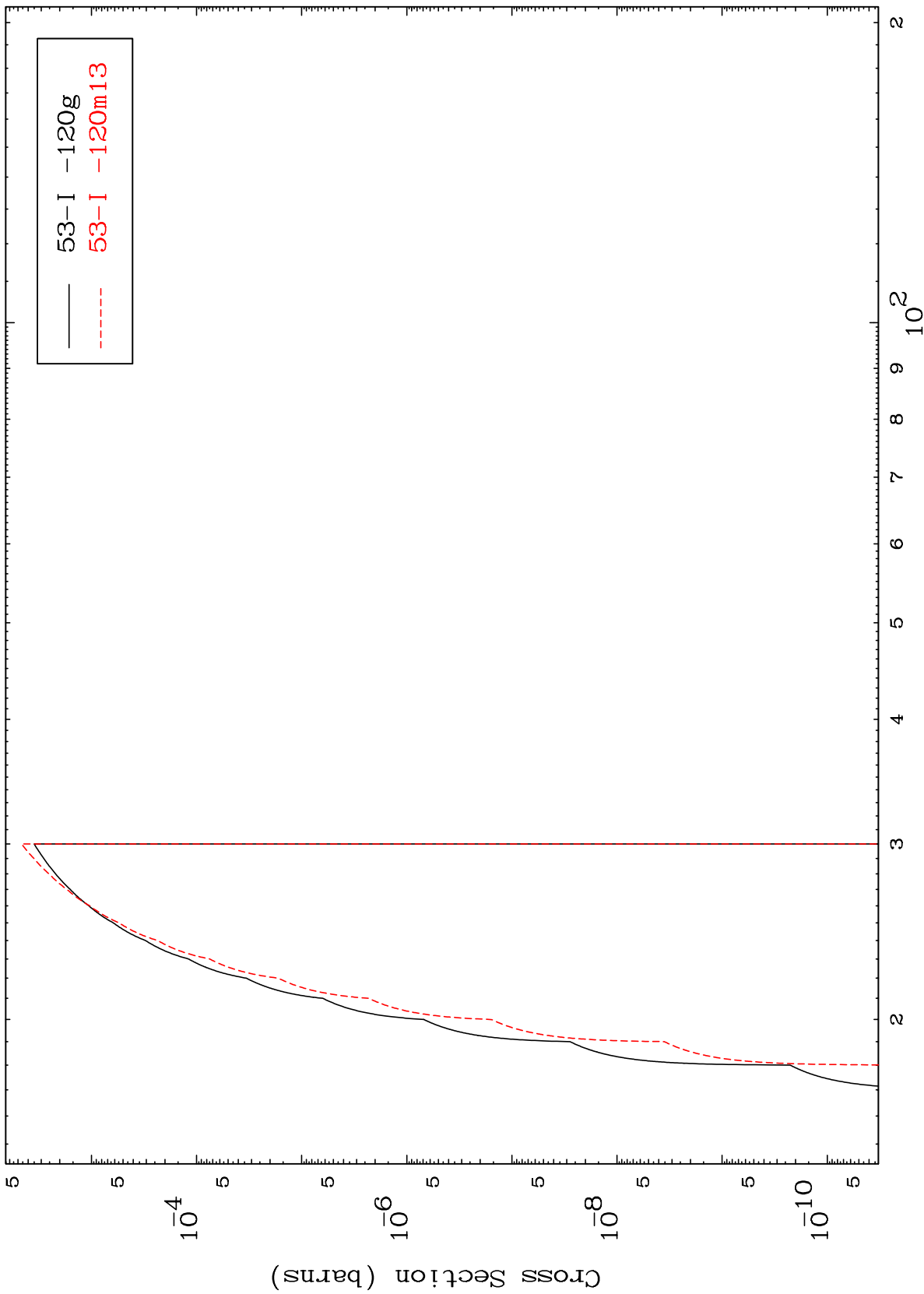
54-Xe-122

MAT 5419

(n,n') d

54-Xe-122

Radionuclide Production Cross Section

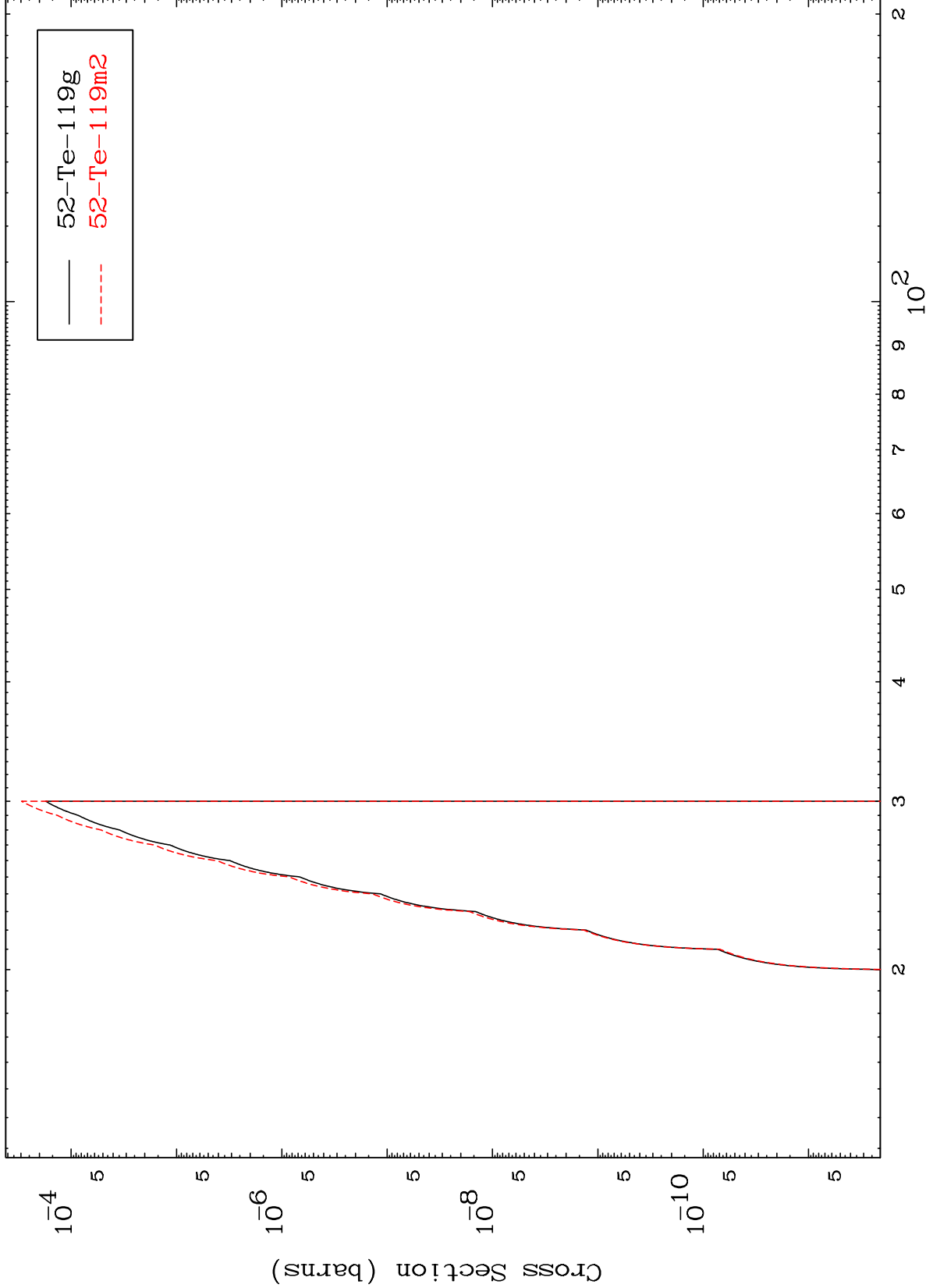


115

Incident Energy (MeV)

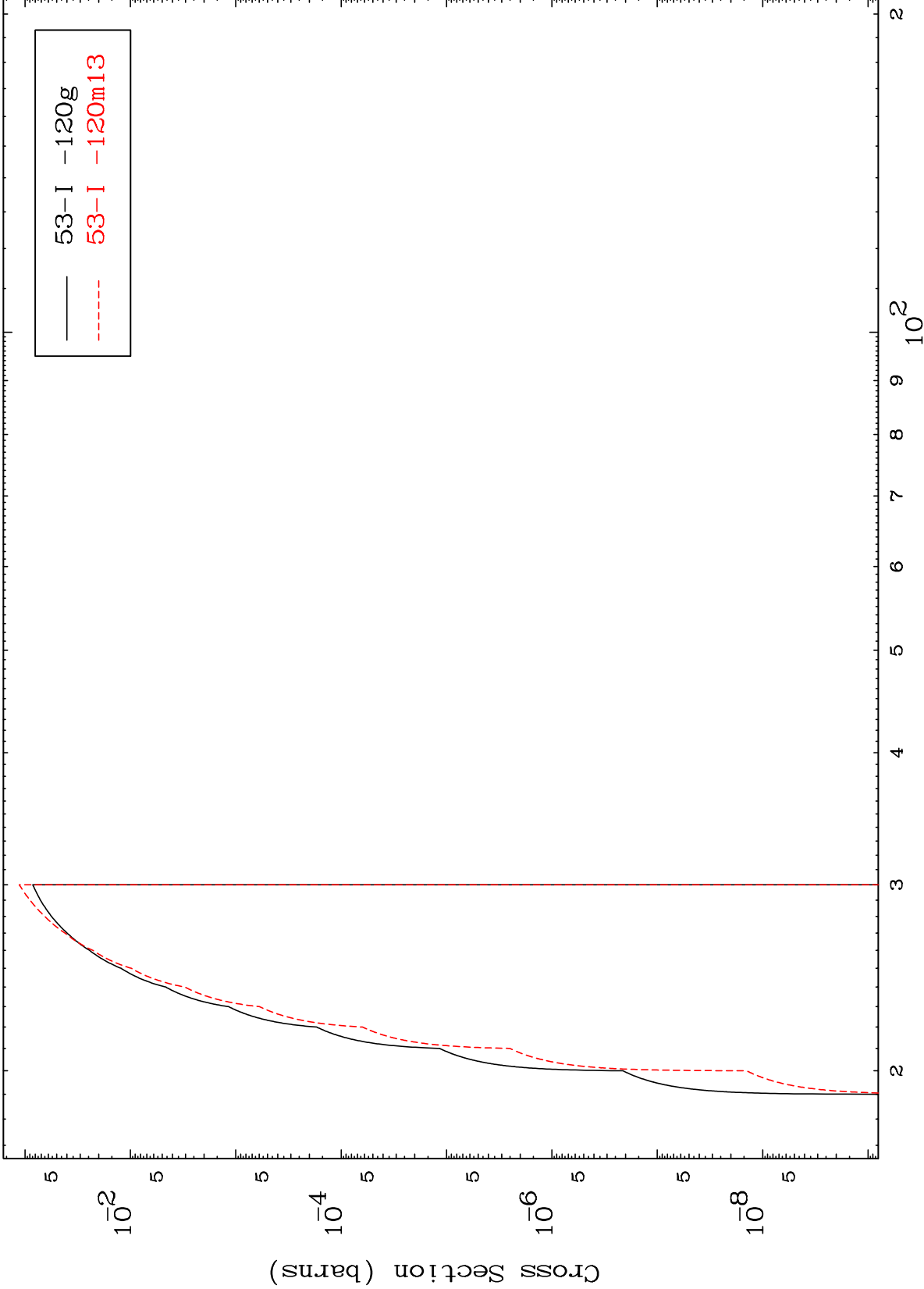
54-Xe-122

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

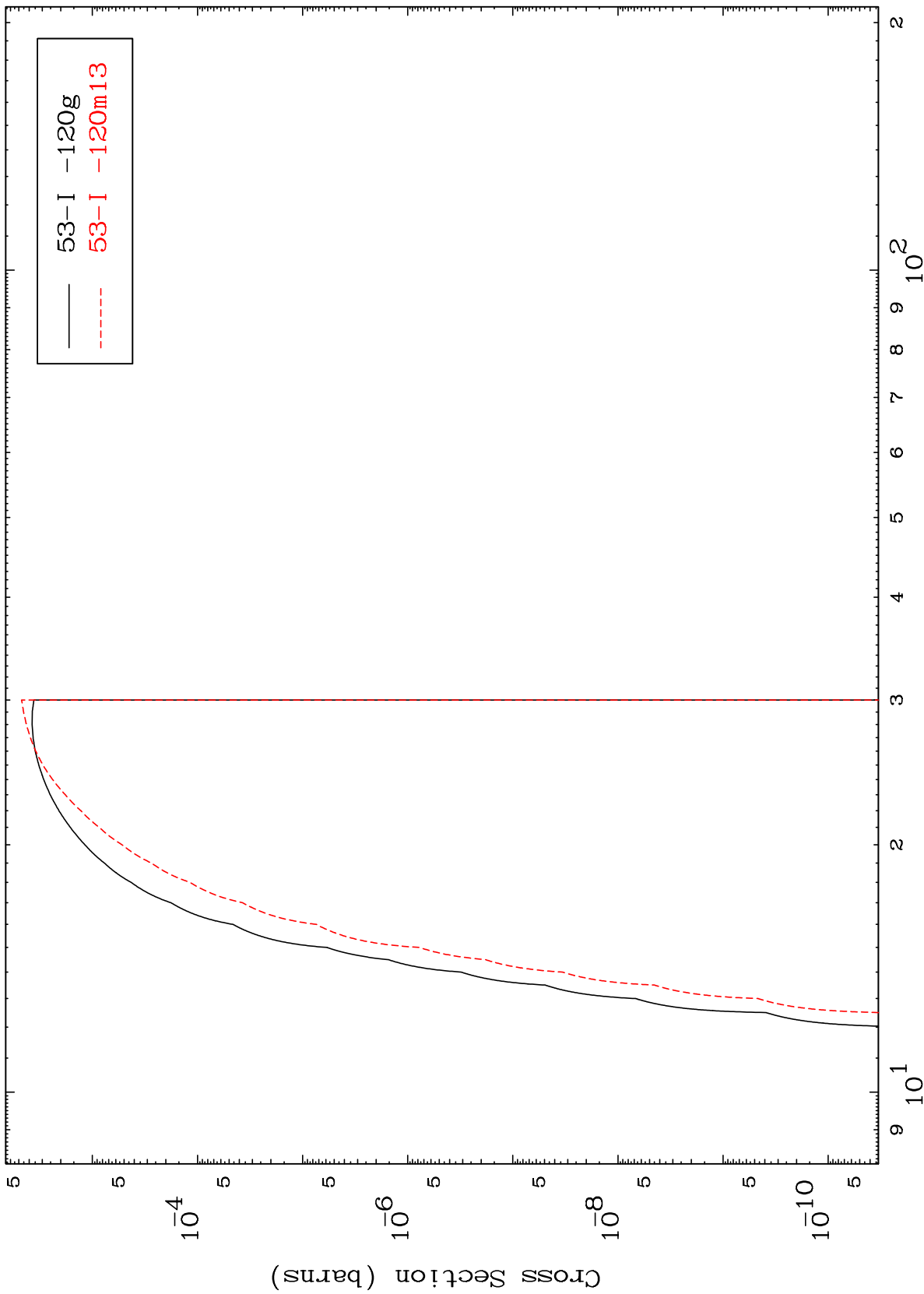


53-I -120g  
53-I -120m13

MAT 5419

54-Xe-122

(n,t)  
Radionuclide Production Cross Section



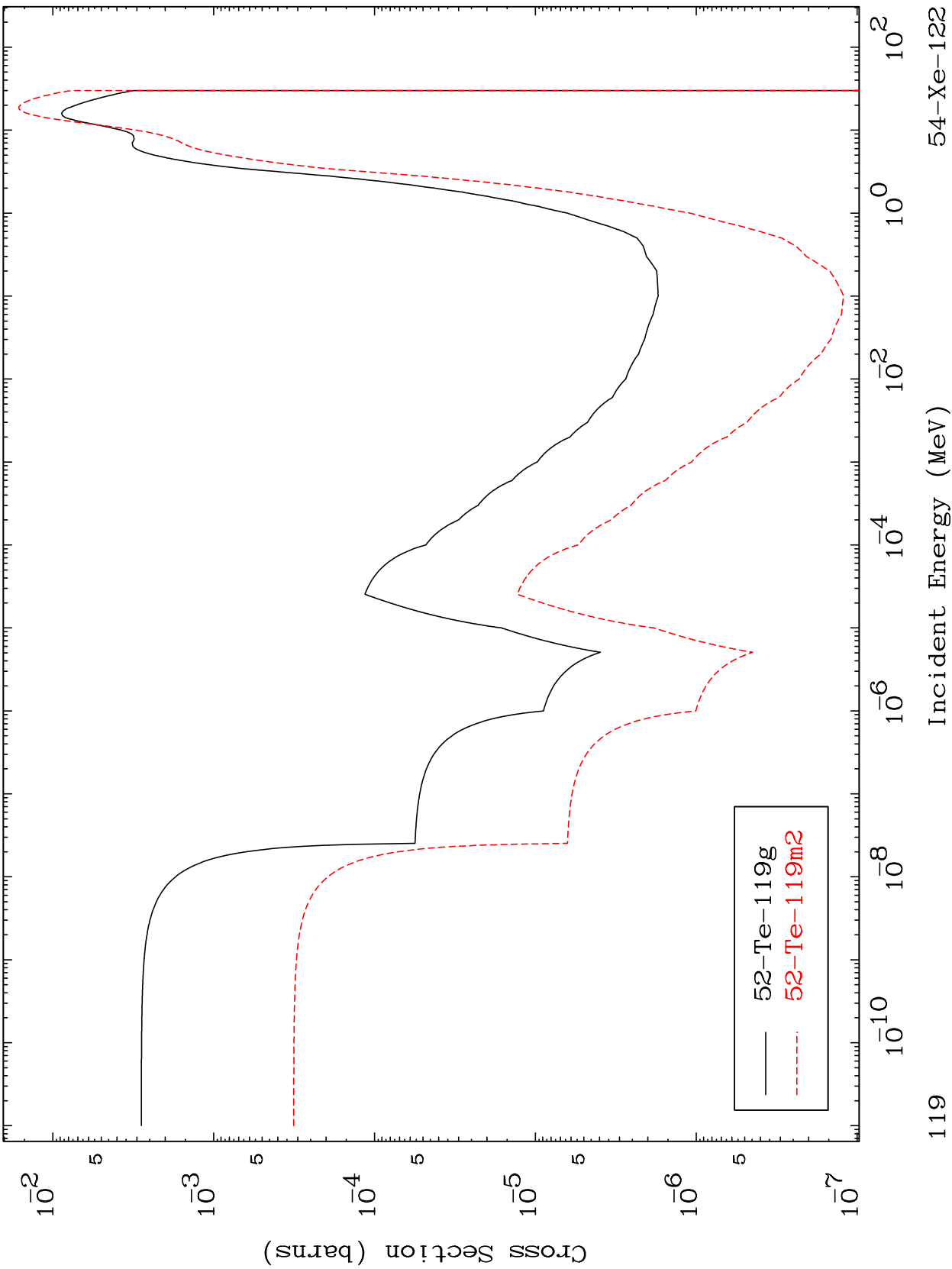
53-I -120g  
53-I -120m13

118

Incident Energy (MeV)

54-Xe-122

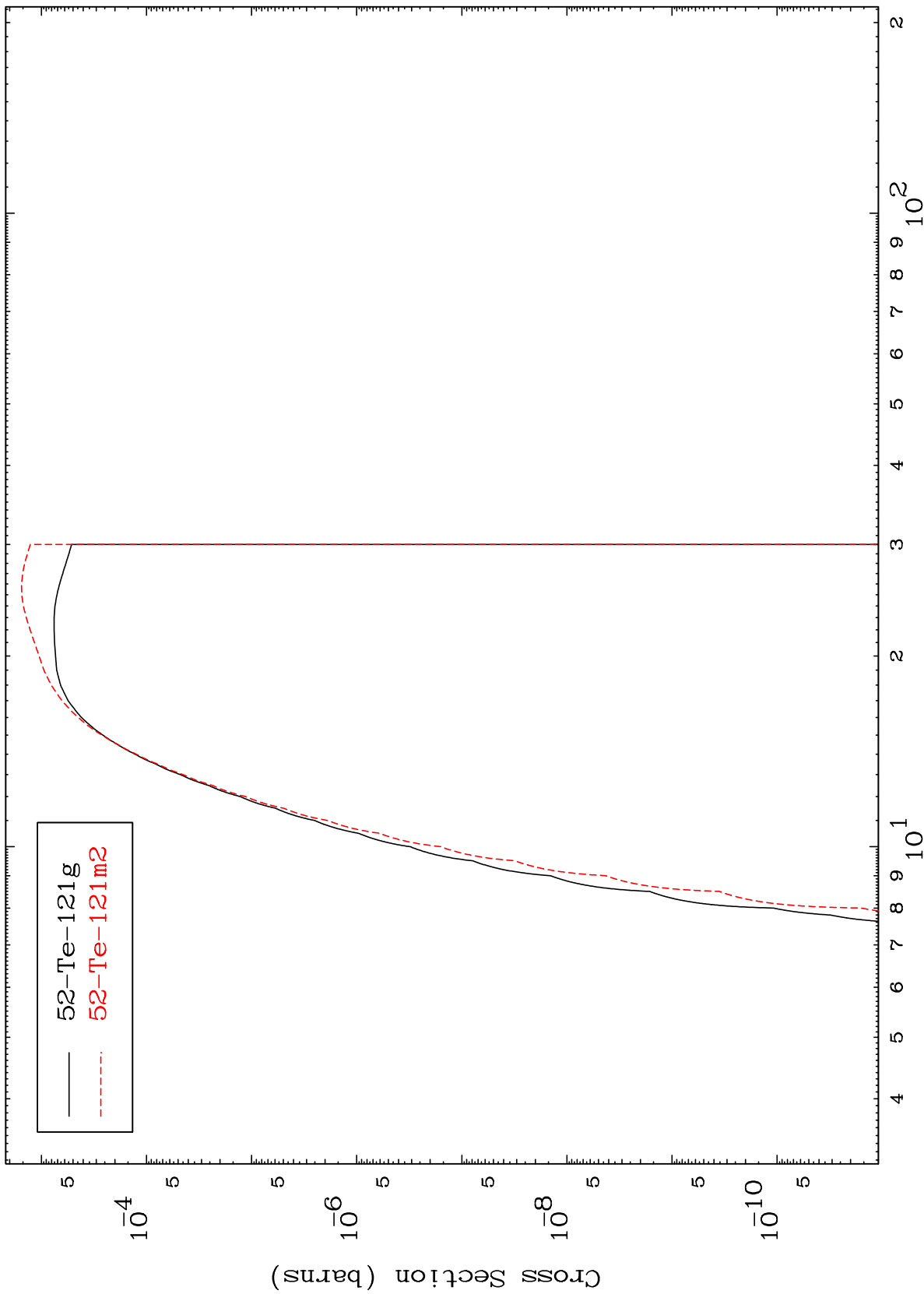
Radionuclide Production Cross Section (n,α)



MAT 5419

54-Xe-122

Radionuclide Production Cross Section  
(n,2p)



120

Incident Energy (MeV)

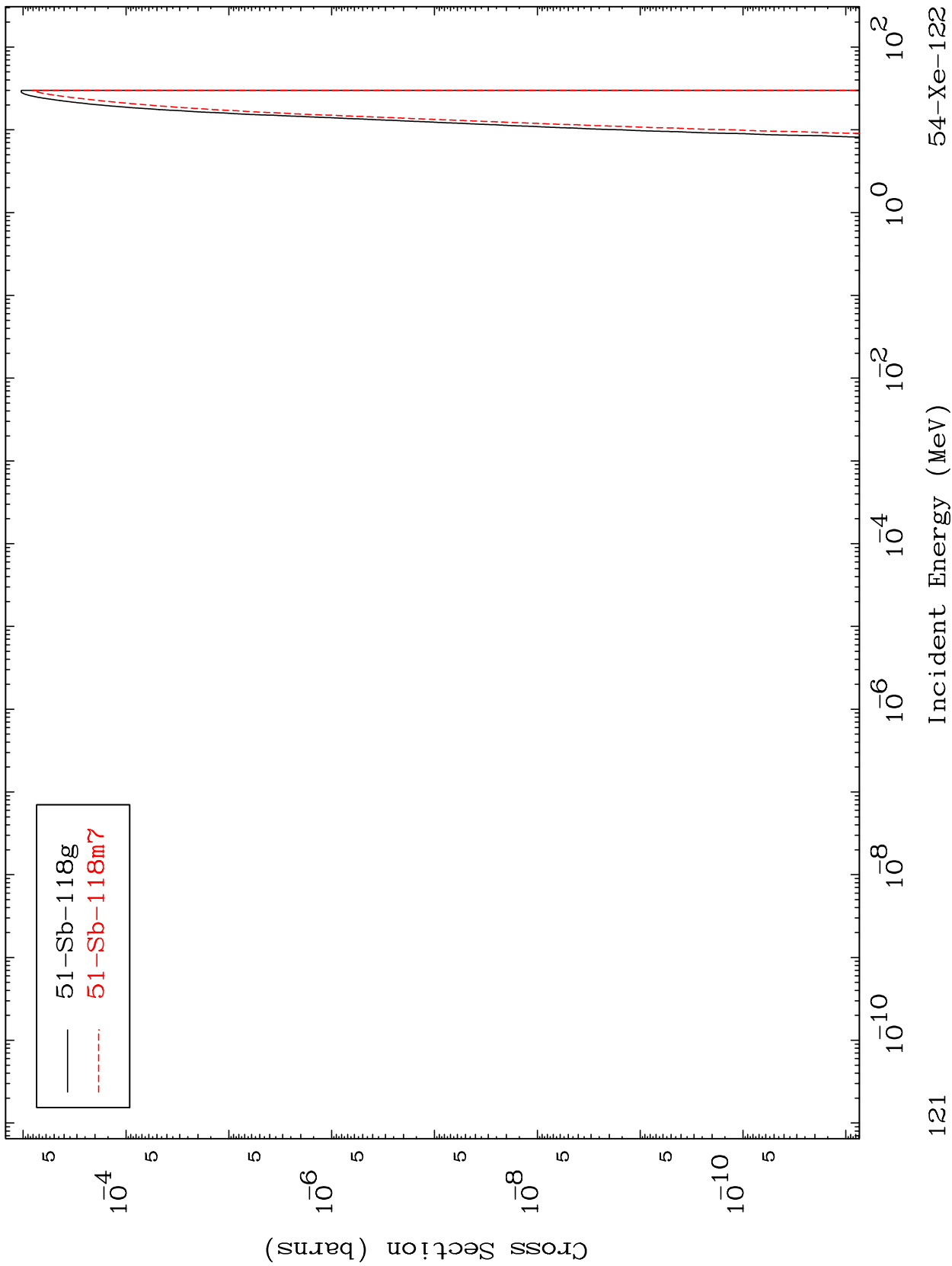
54-Xe-122

MAT 5419

(n,p)  $\alpha$

54-Xe-122

Radionuclide Production Cross Section



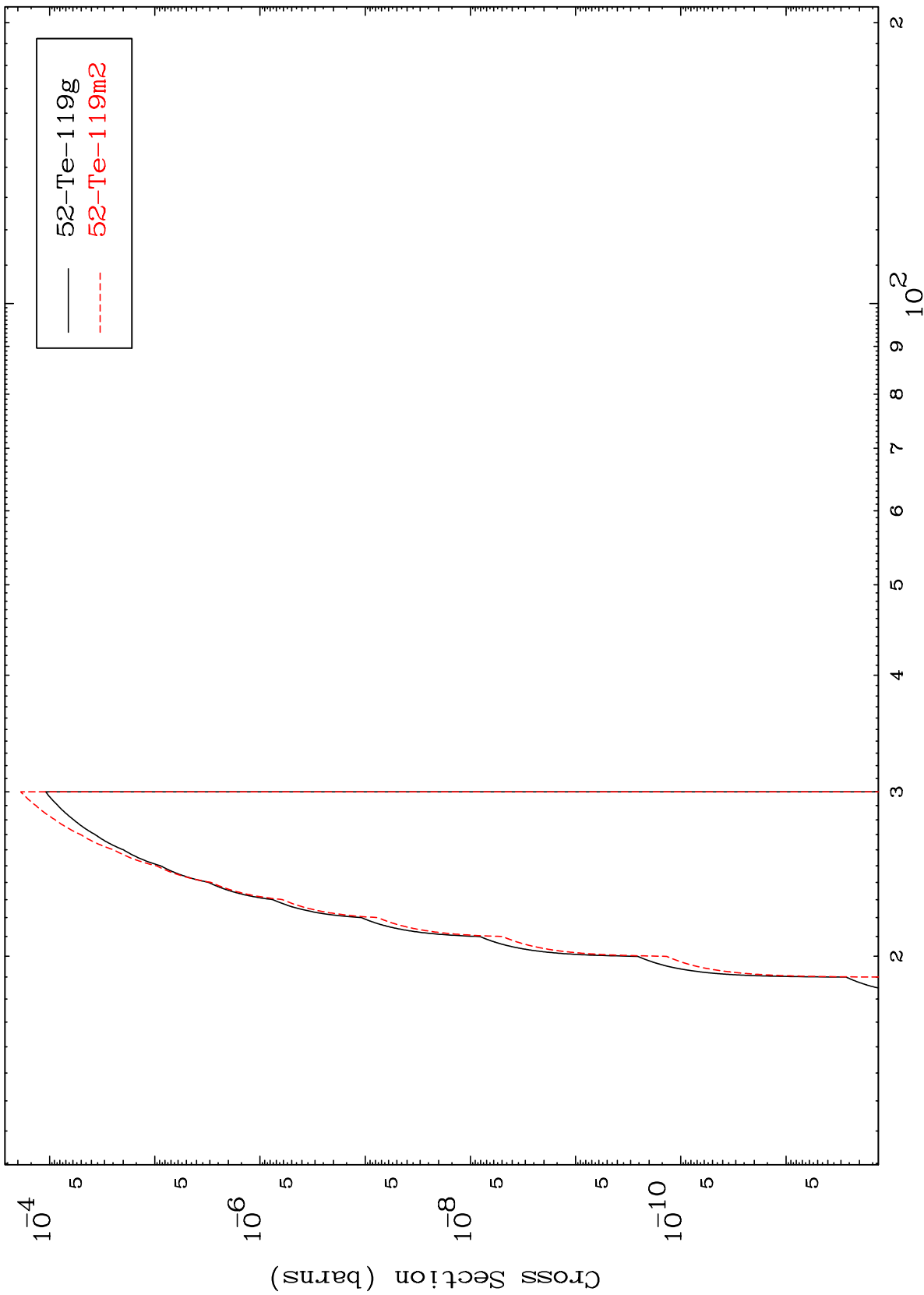
121

MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



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

122

Incident Energy (MeV)

54-Xe-122