

Program EVALPLOT
(Version 2018-1)

by

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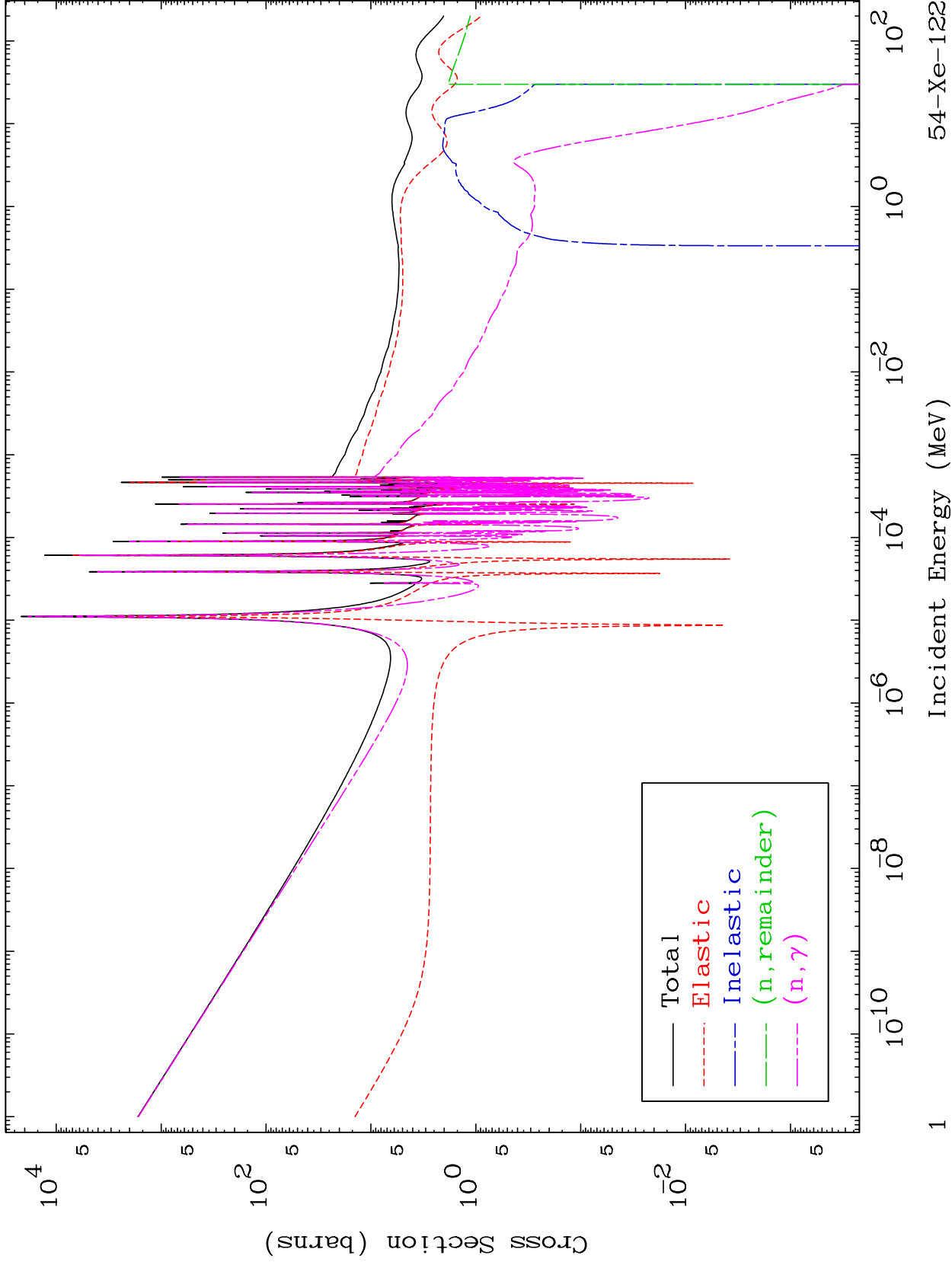
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5419

Major
293 Kelvin Cross Sections

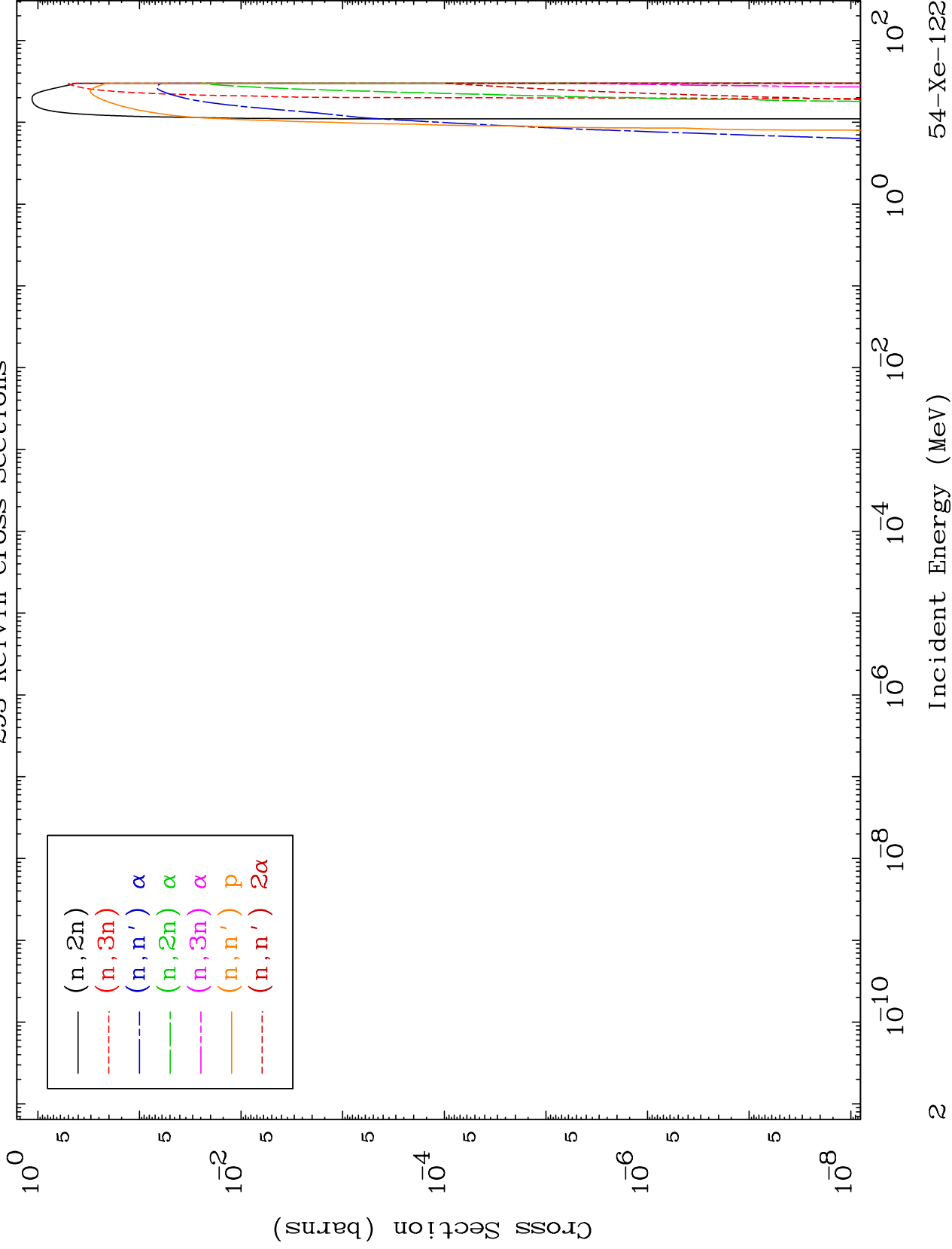
54-Xe-122

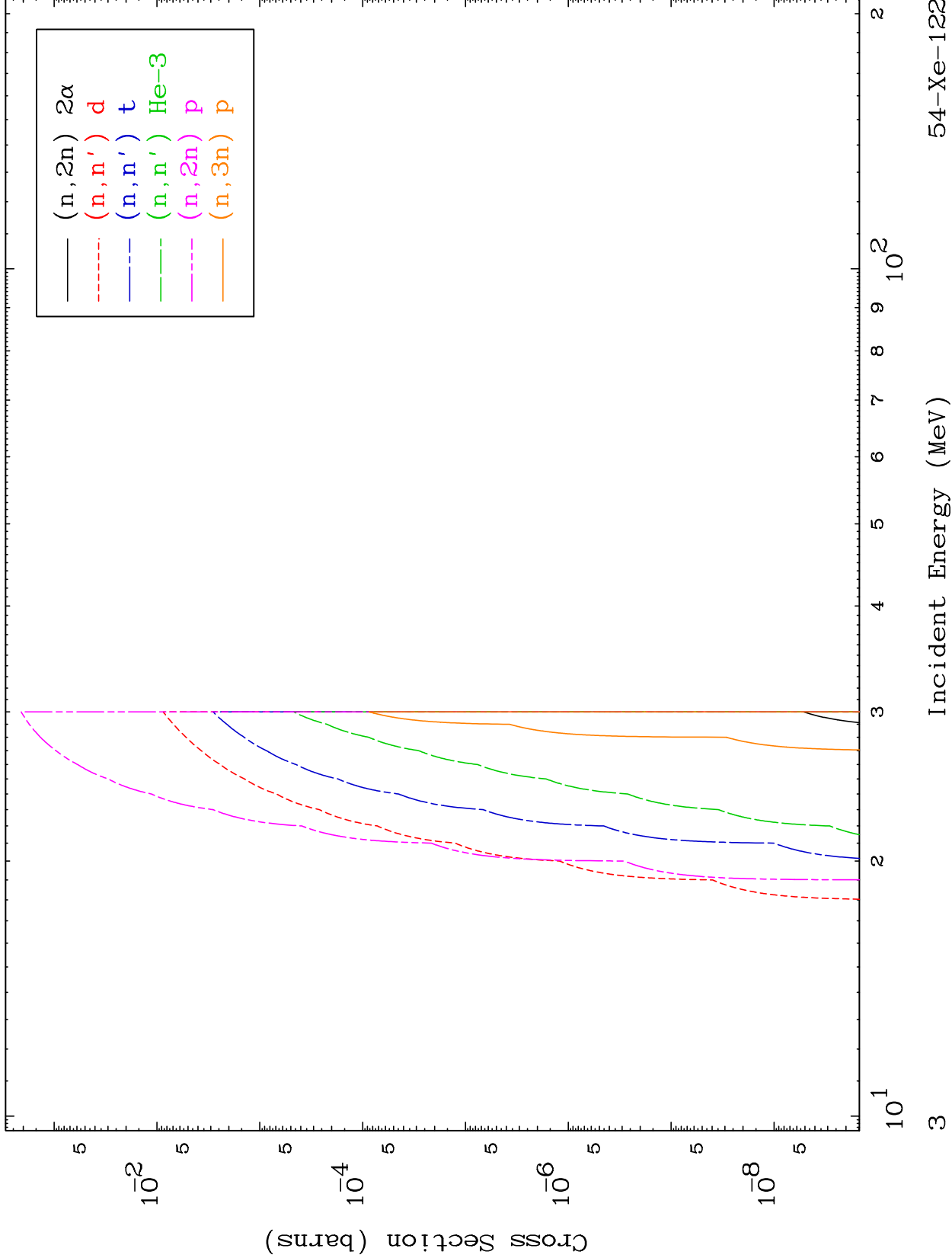


MAT 5419

Neutron Production
293 Kelvin Cross Sections

54-Xe-122

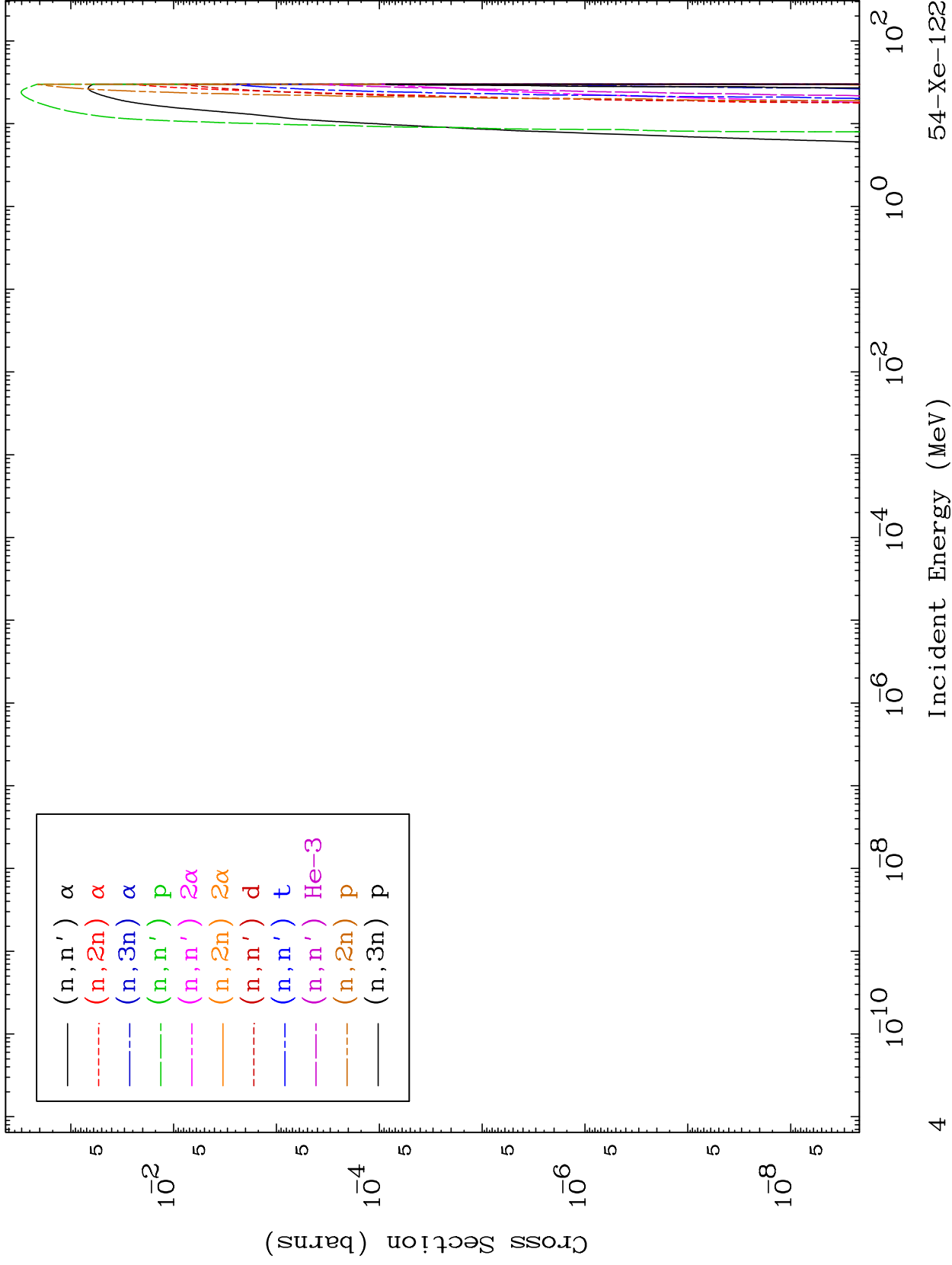




MAT 5419

Charged Particle
293 Kelvin Cross Sections

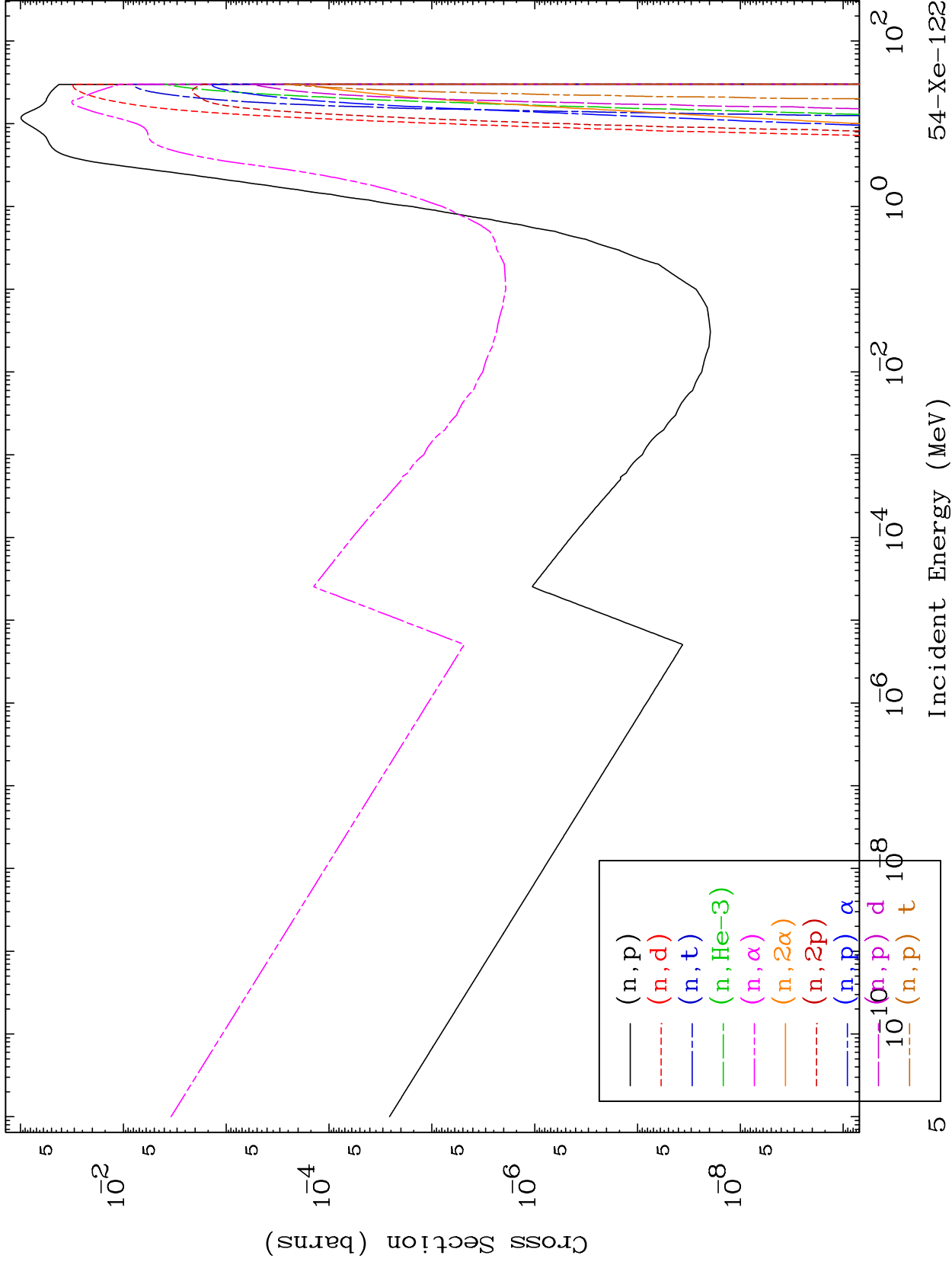
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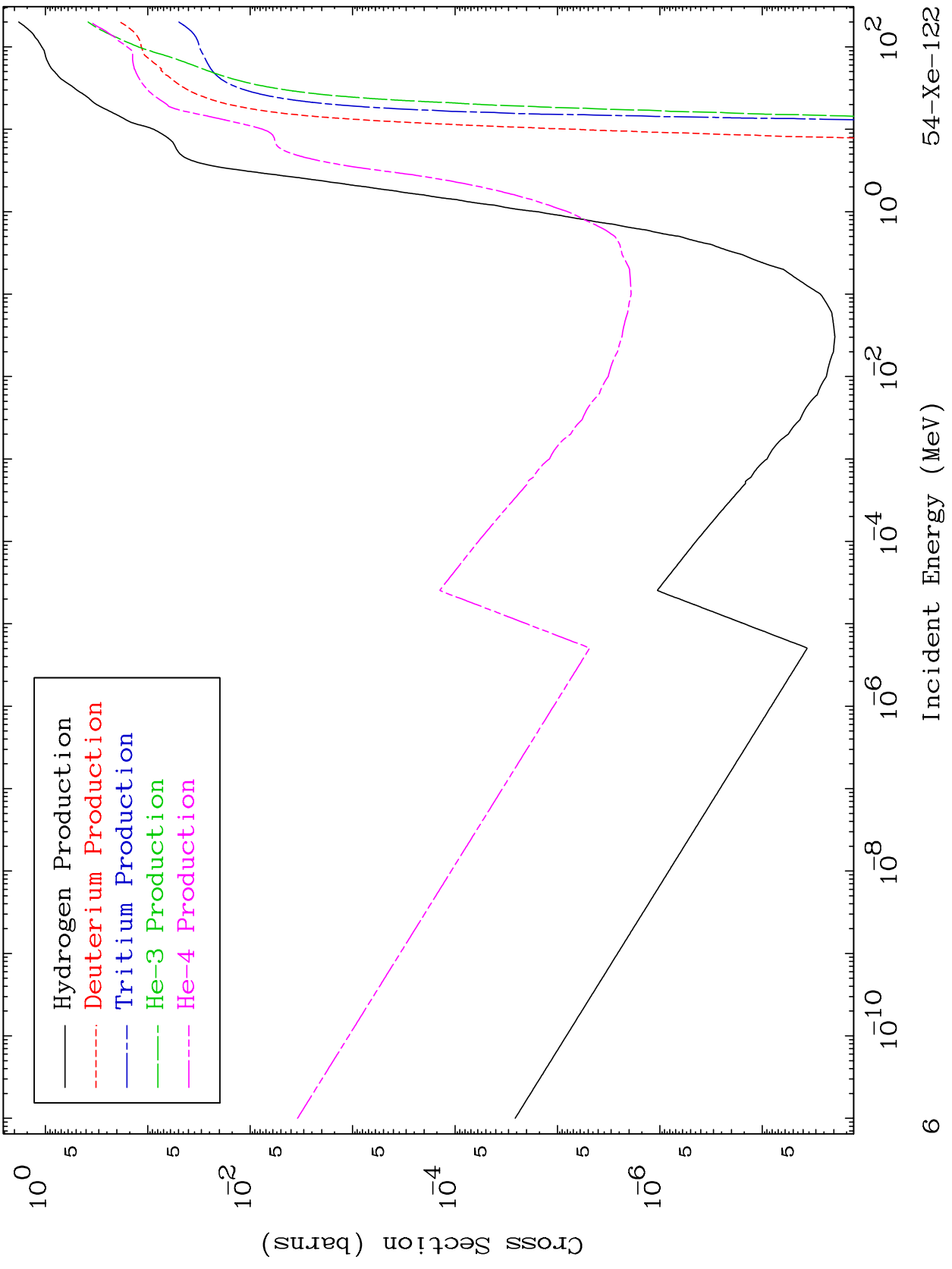


MAT 5419

Charged Particle
293 Kelvin Cross Sections

54-Xe-122



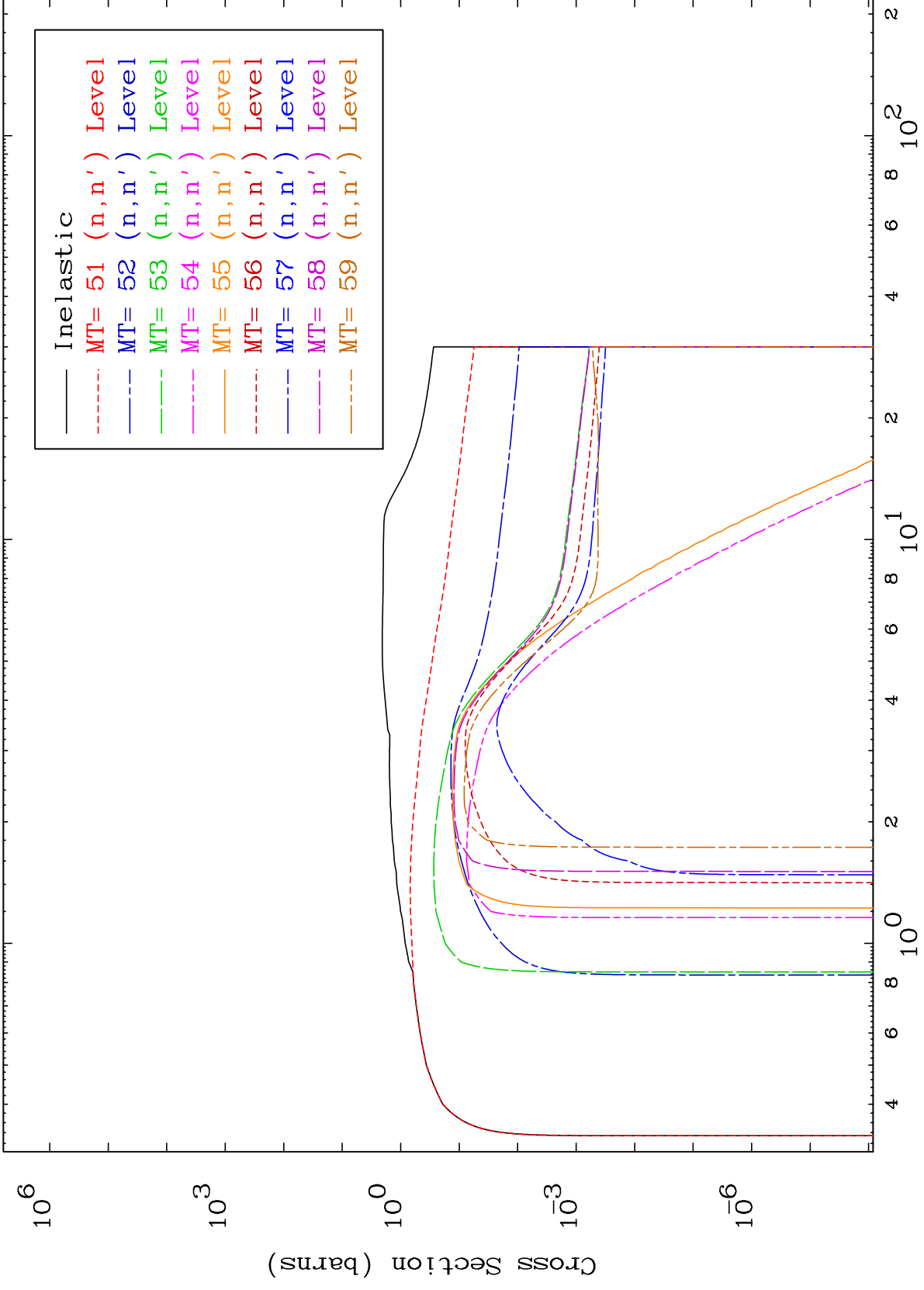


MAT 5419

(n,n') Level

54-Xe-122

293 Kelvin Cross Sections

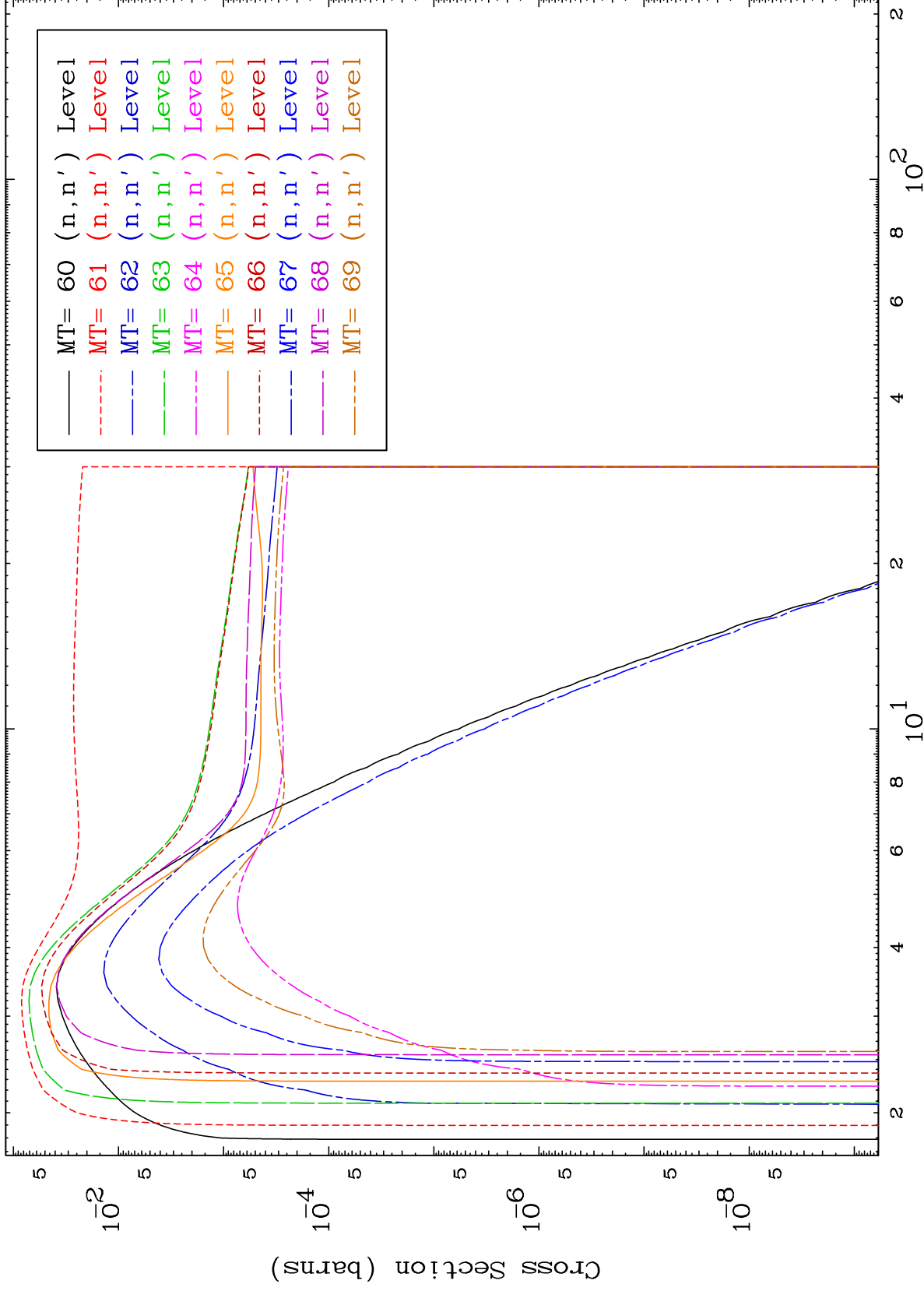


MAT 5419

(n,n') Level

54-Xe-122

293 Kelvin Cross Sections

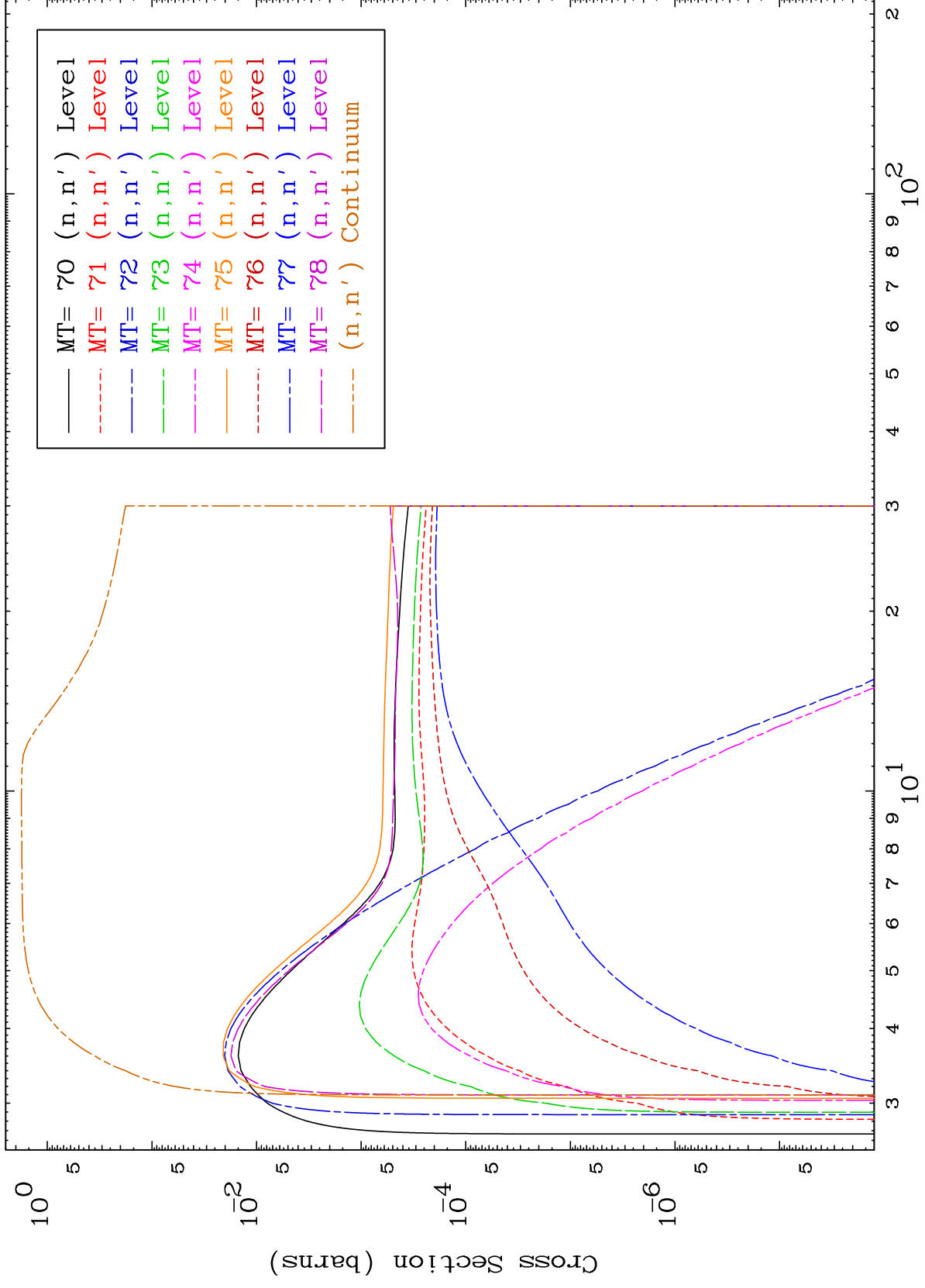


8

Incident Energy (MeV)

54-Xe-122

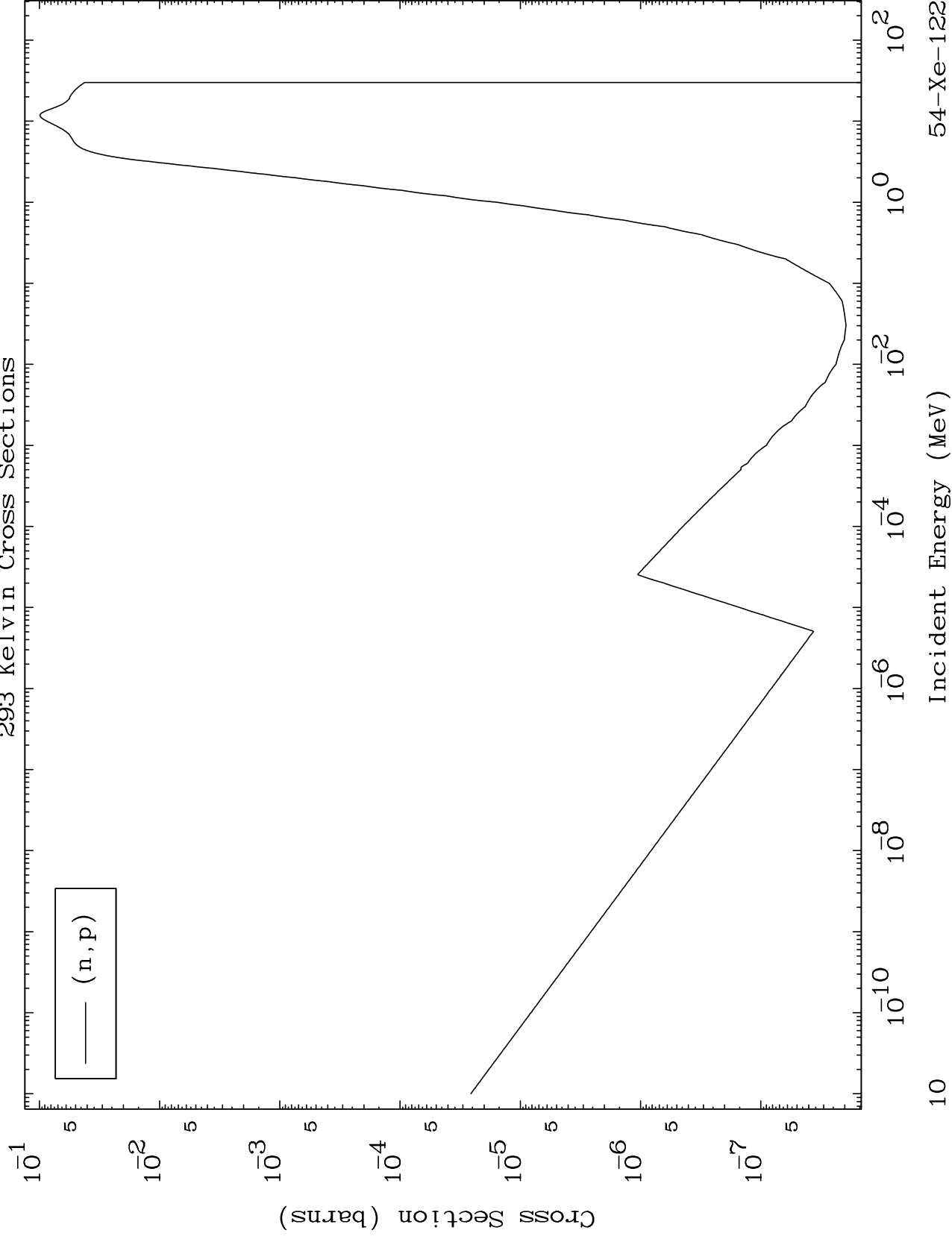
293 Kelvin Cross Sections



MAT 5419

(n,p) Levels
293 Kelvin Cross Sections

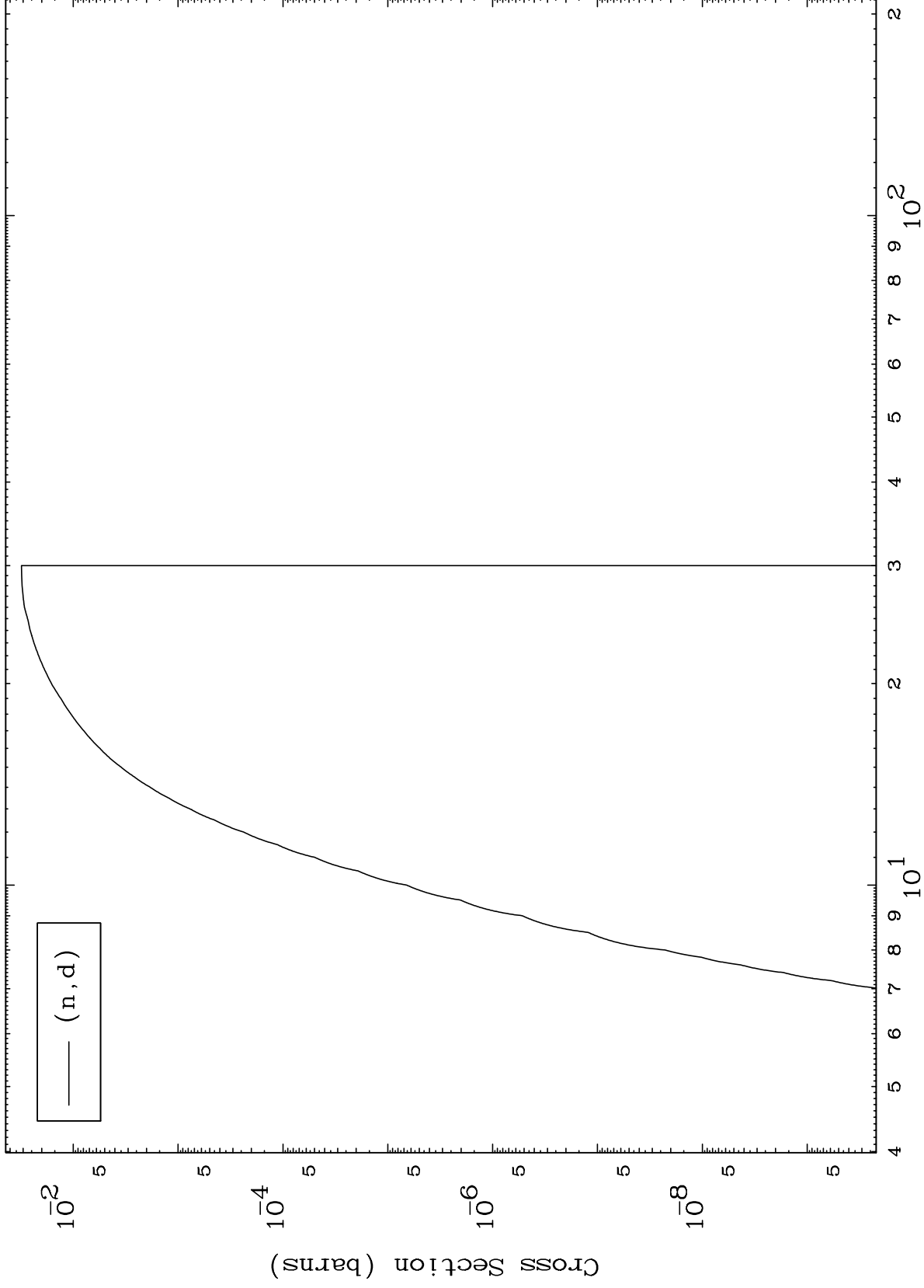
54-Xe-122



MAT 5419

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-122



11

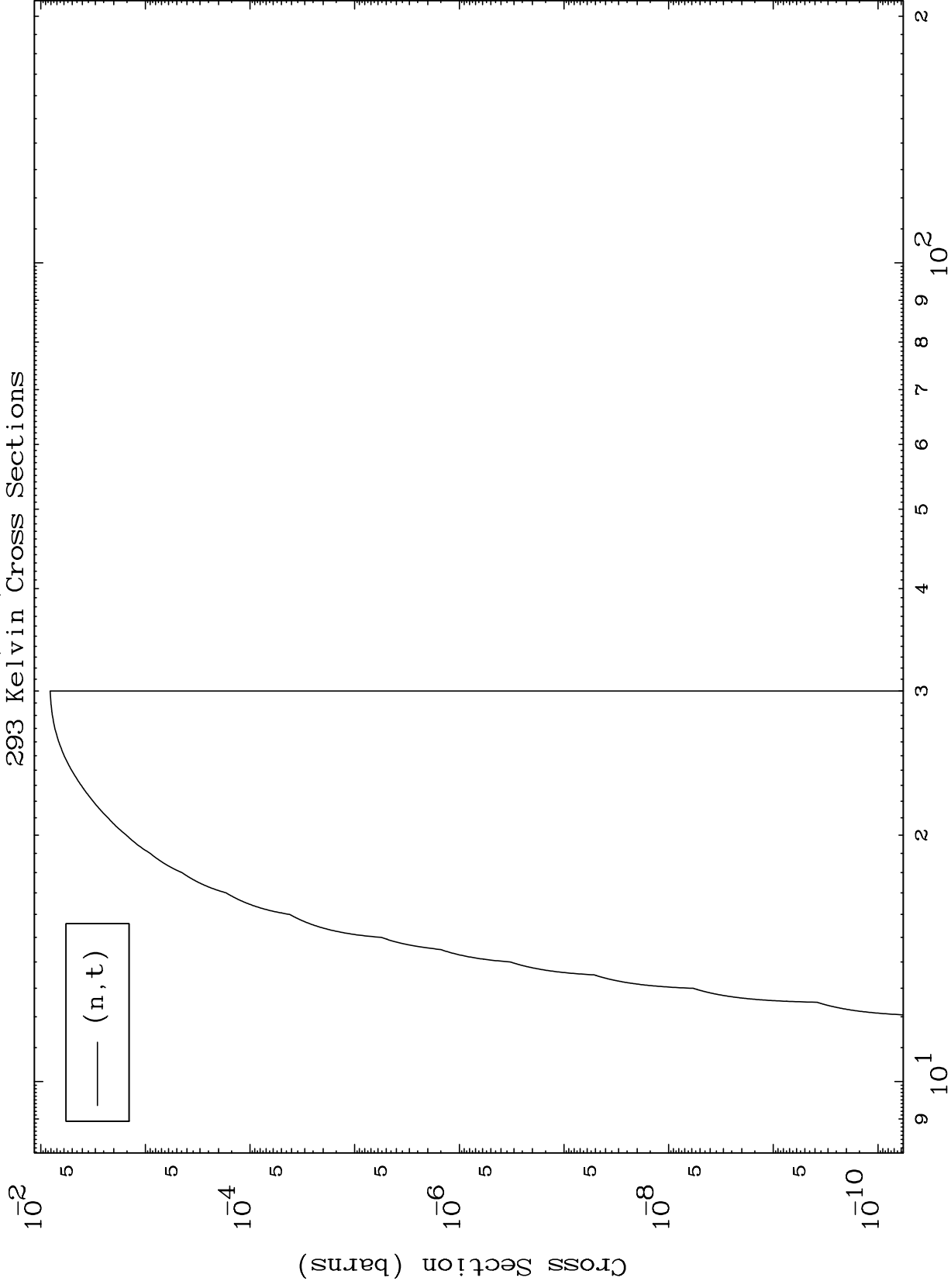
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-122



12

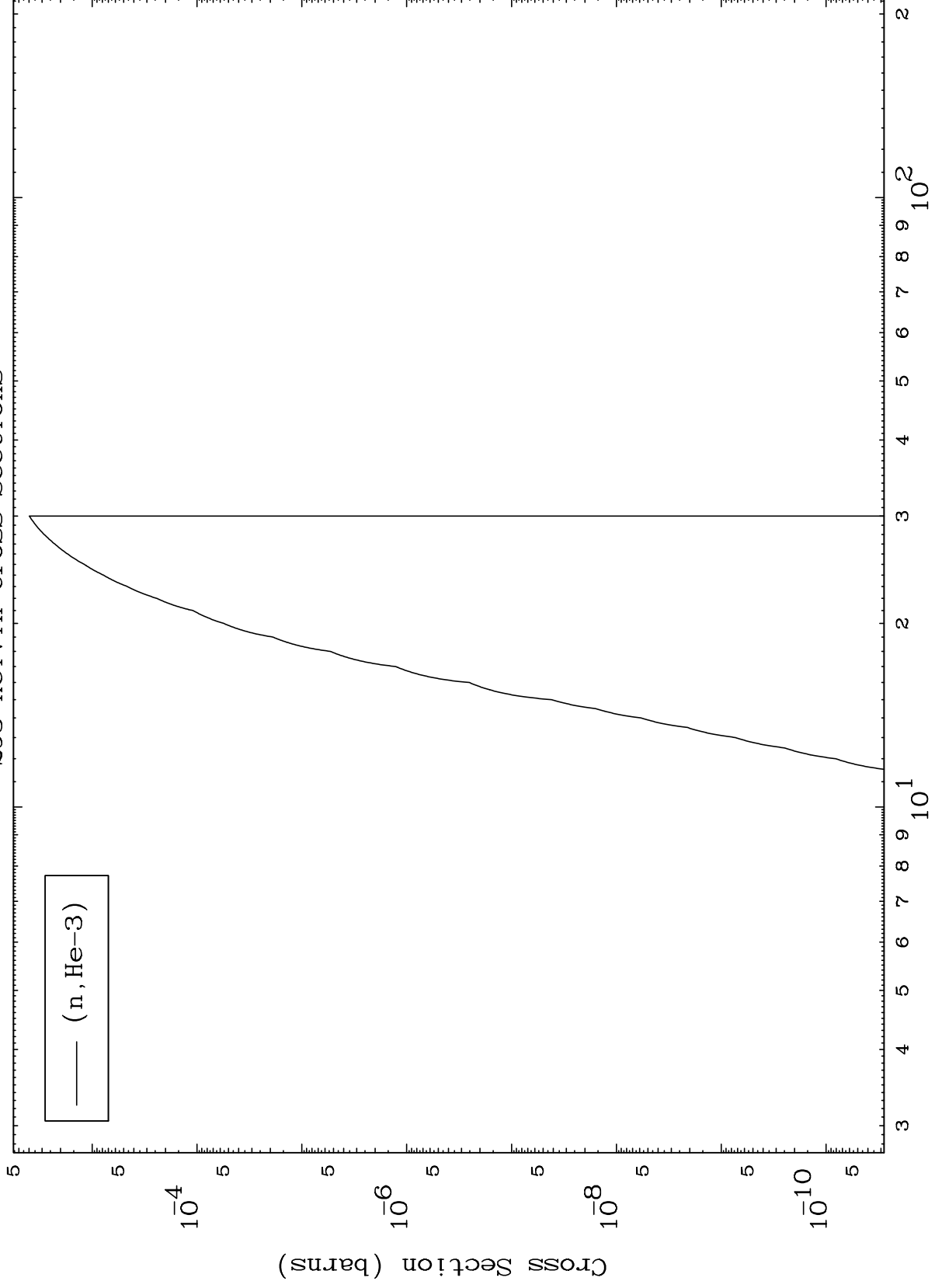
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-122



13

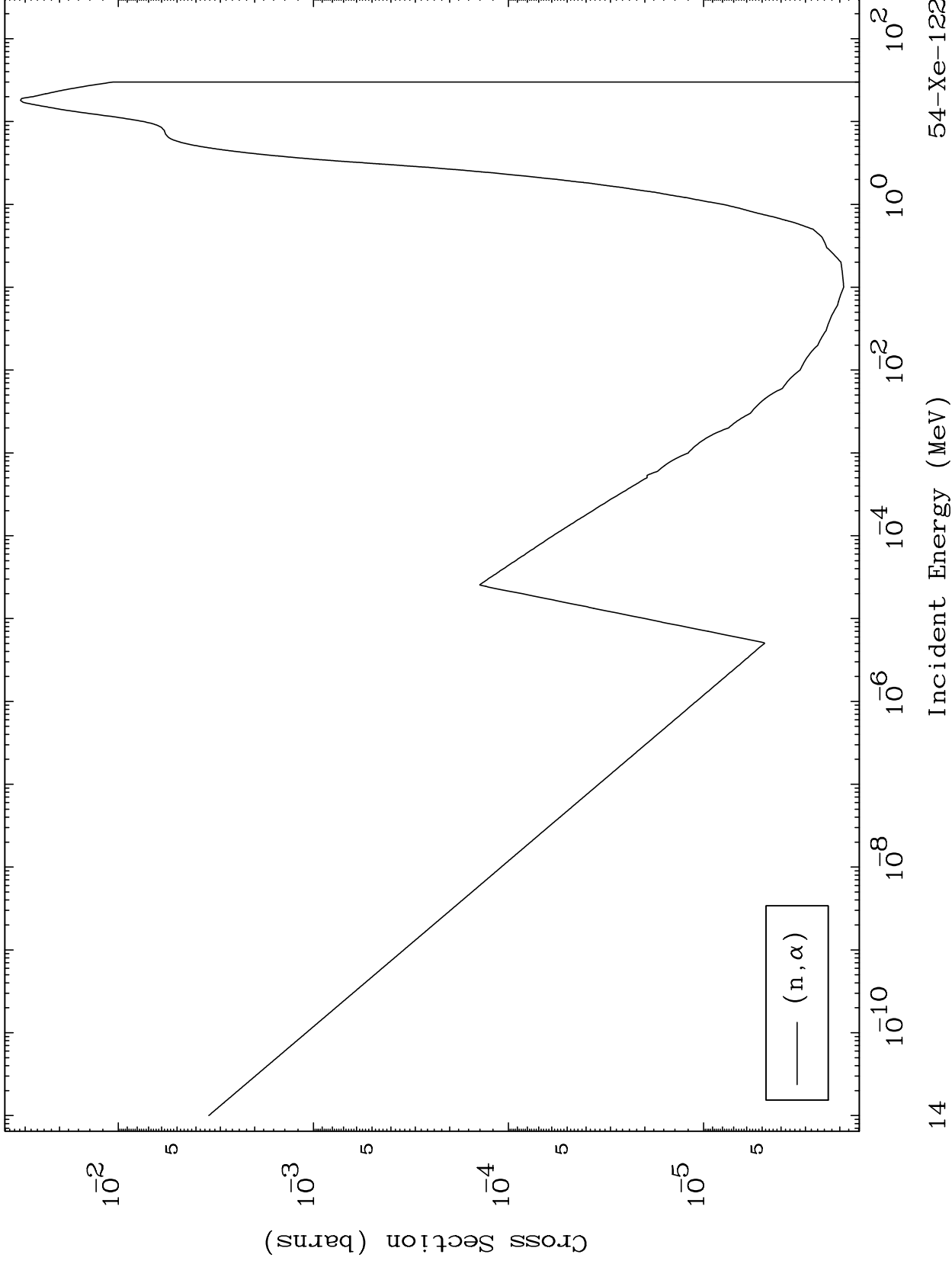
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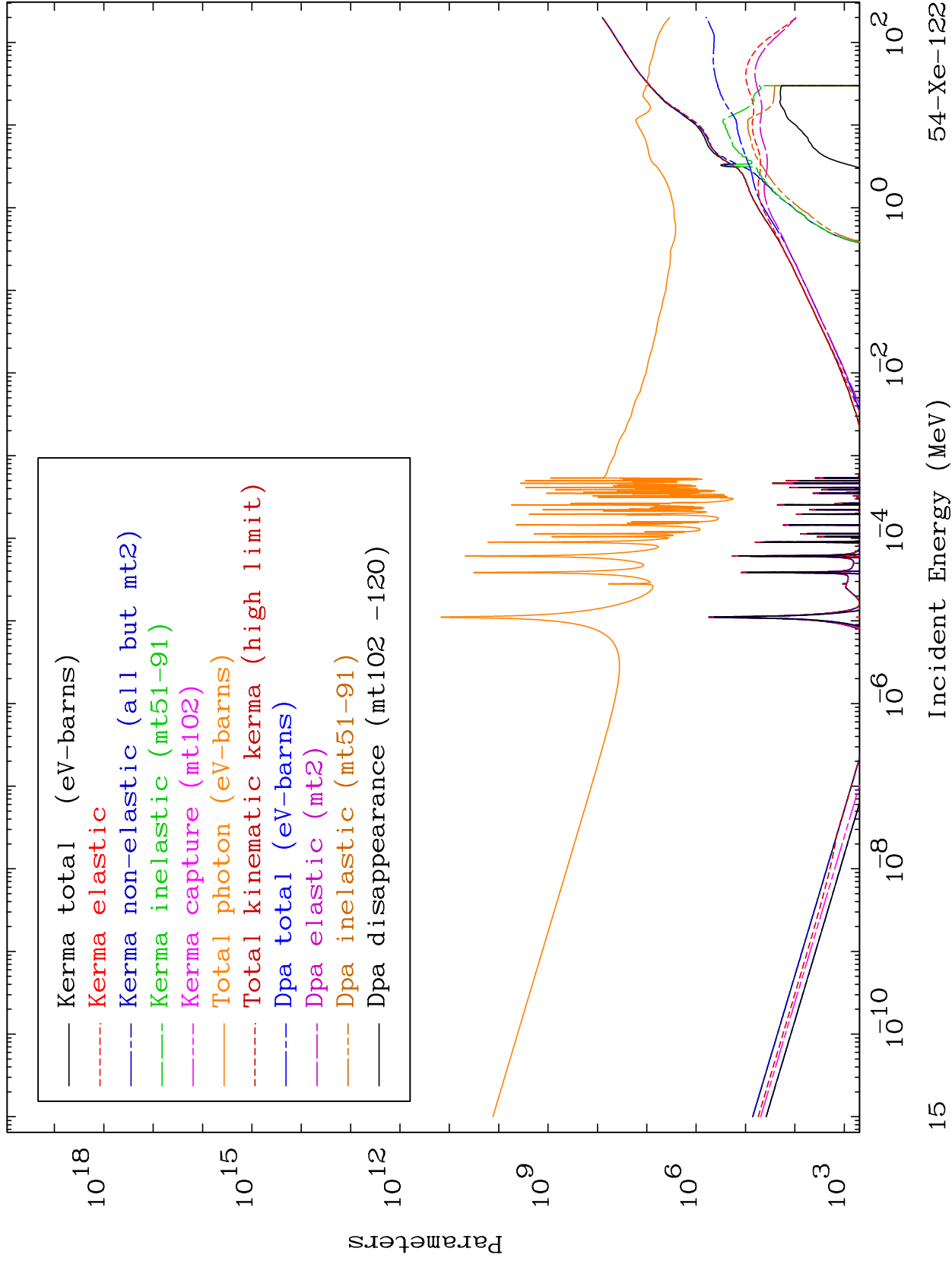
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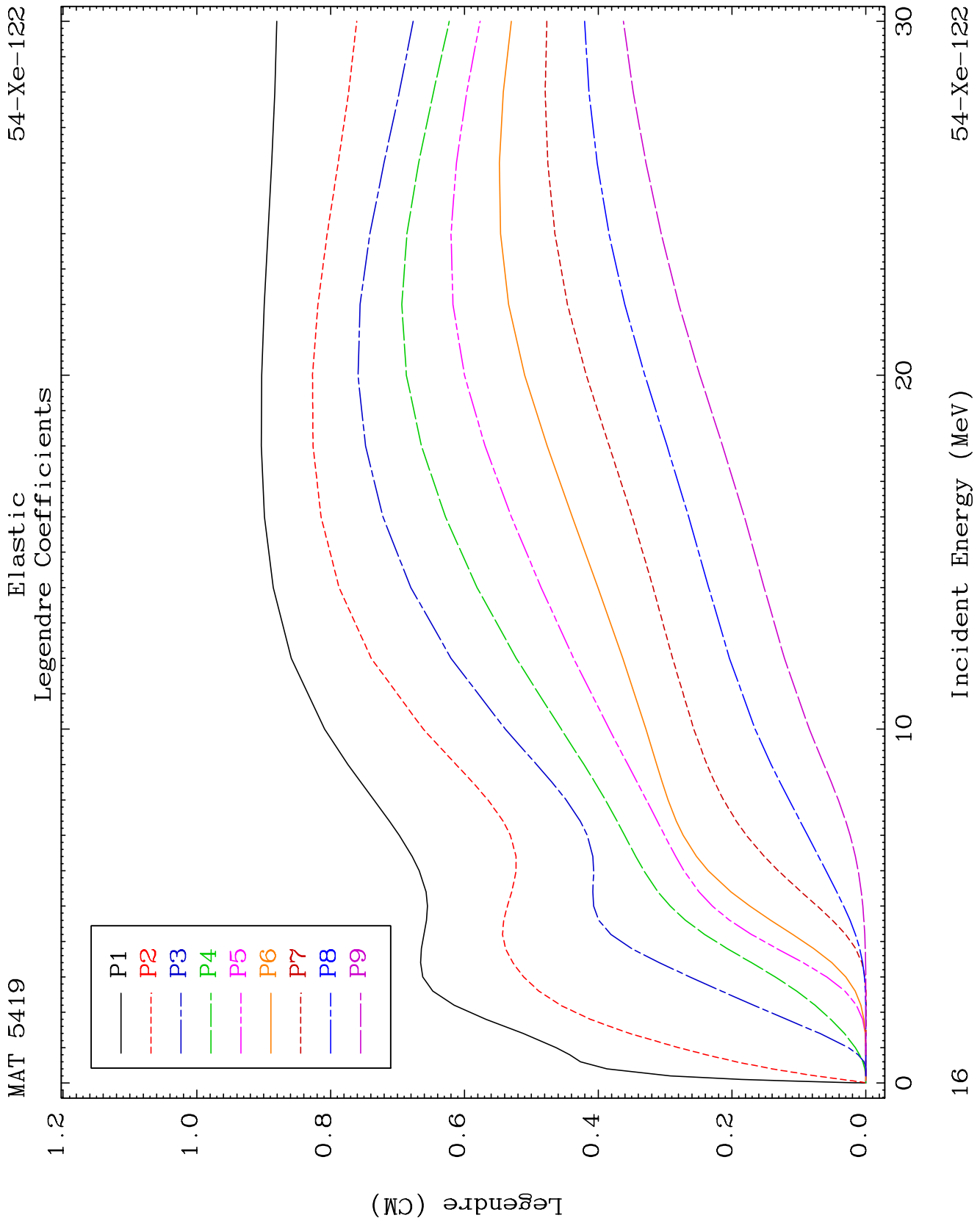
MAT 5419

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-122



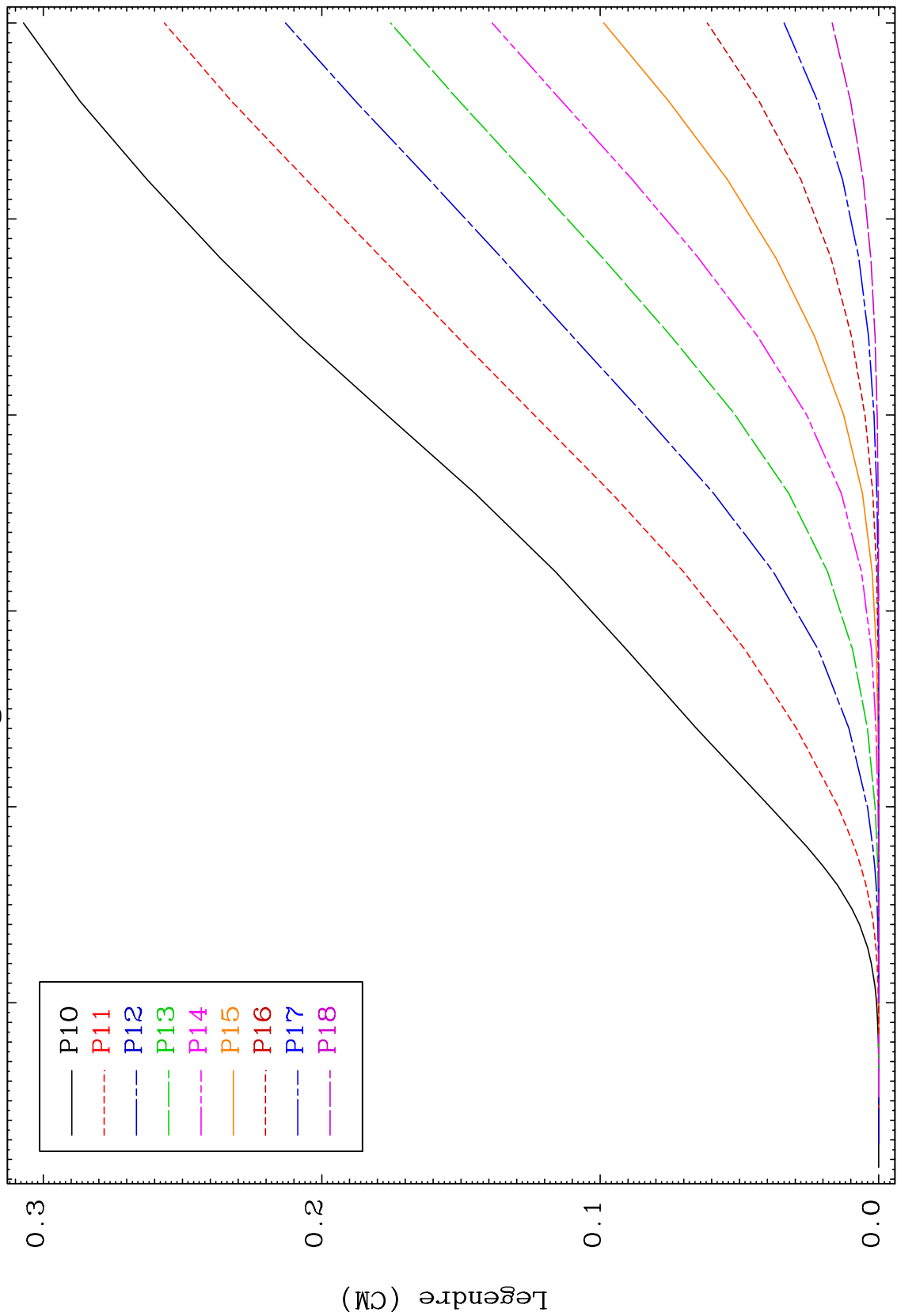




MAT 5419

Elastic Legendre Coefficients

54-Xe-122



17

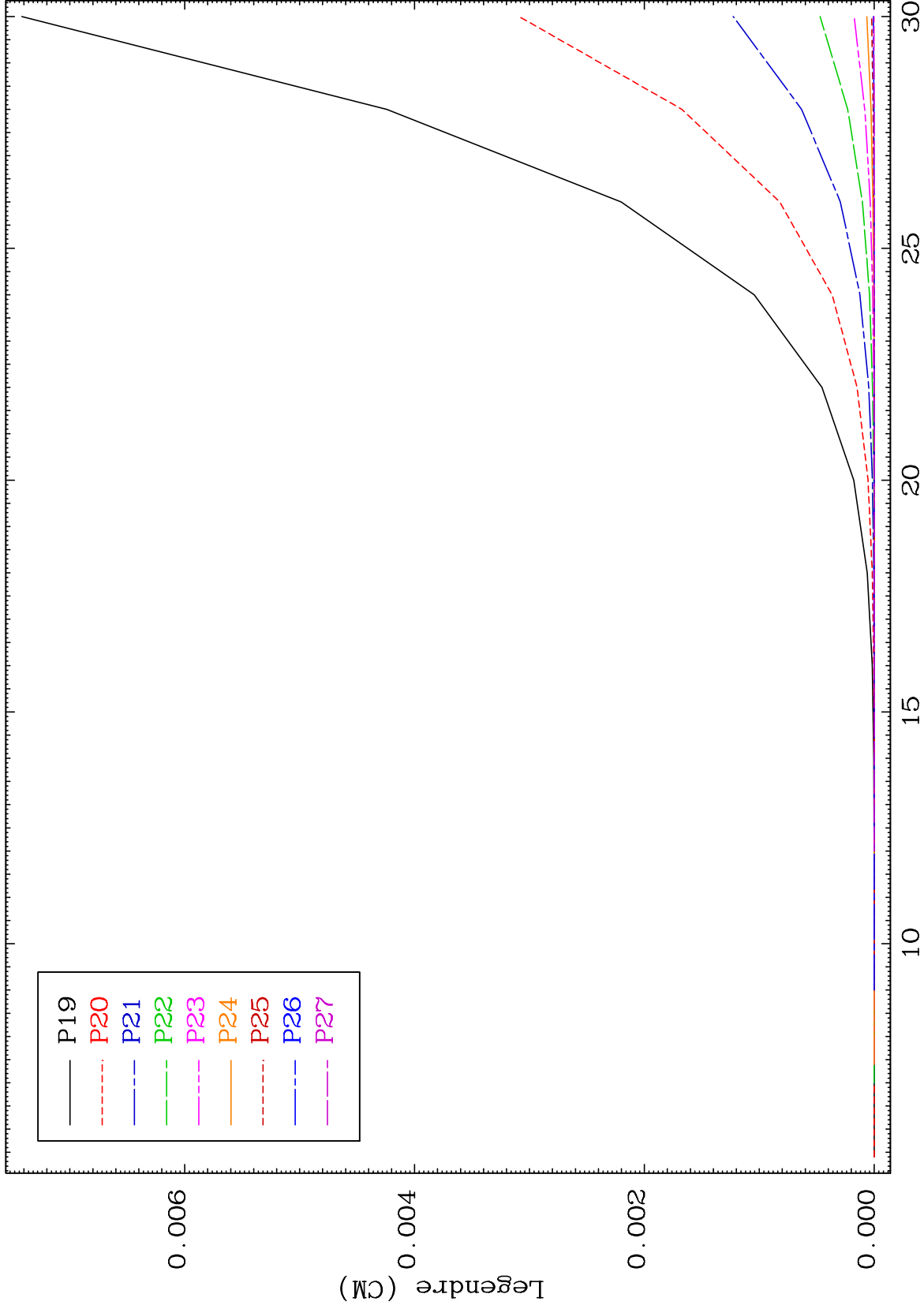
Incident Energy (MeV)

54-Xe-122

MAT 5419

Elastic Legendre Coefficients

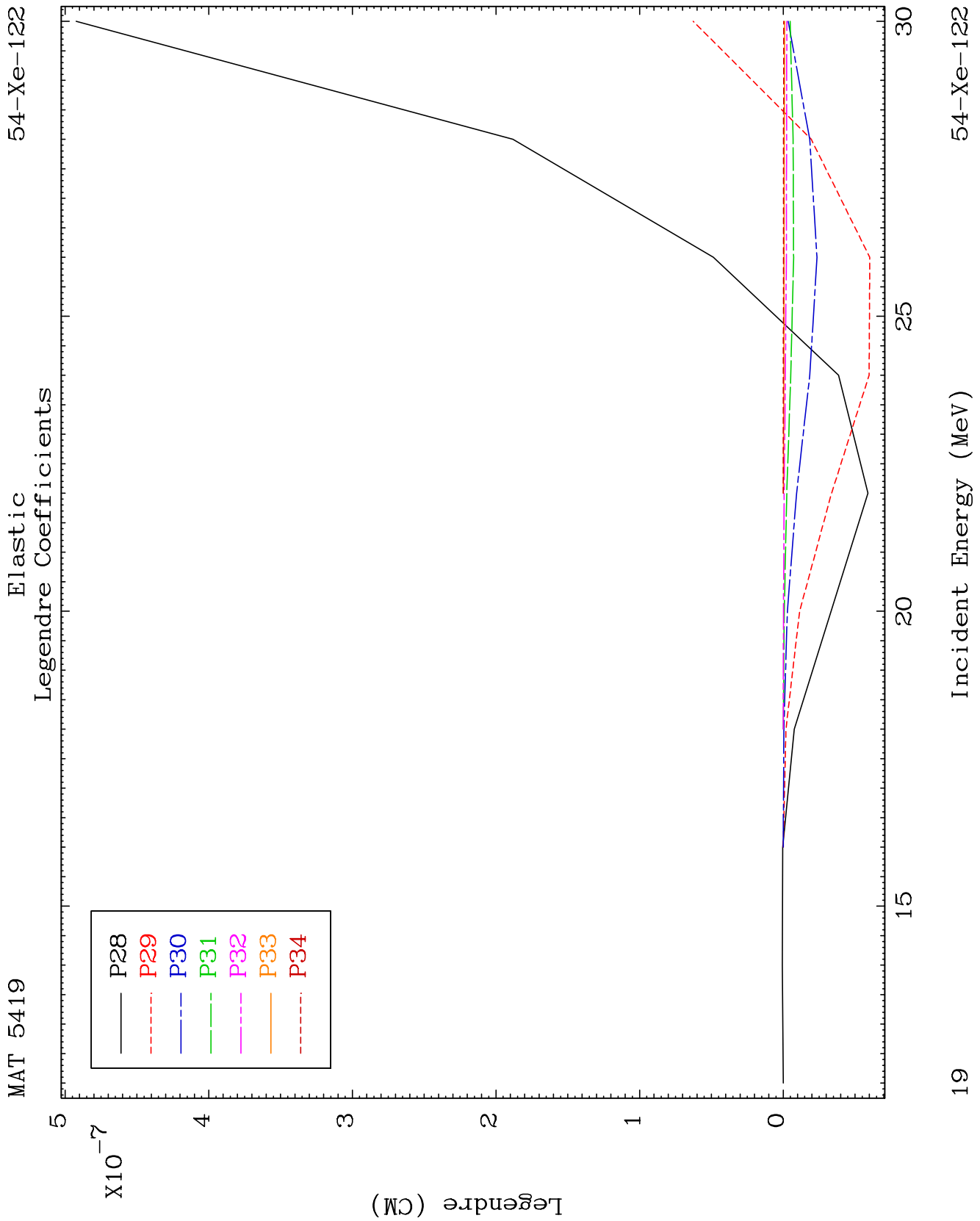
54-Xe-122



18

Incident Energy (MeV)

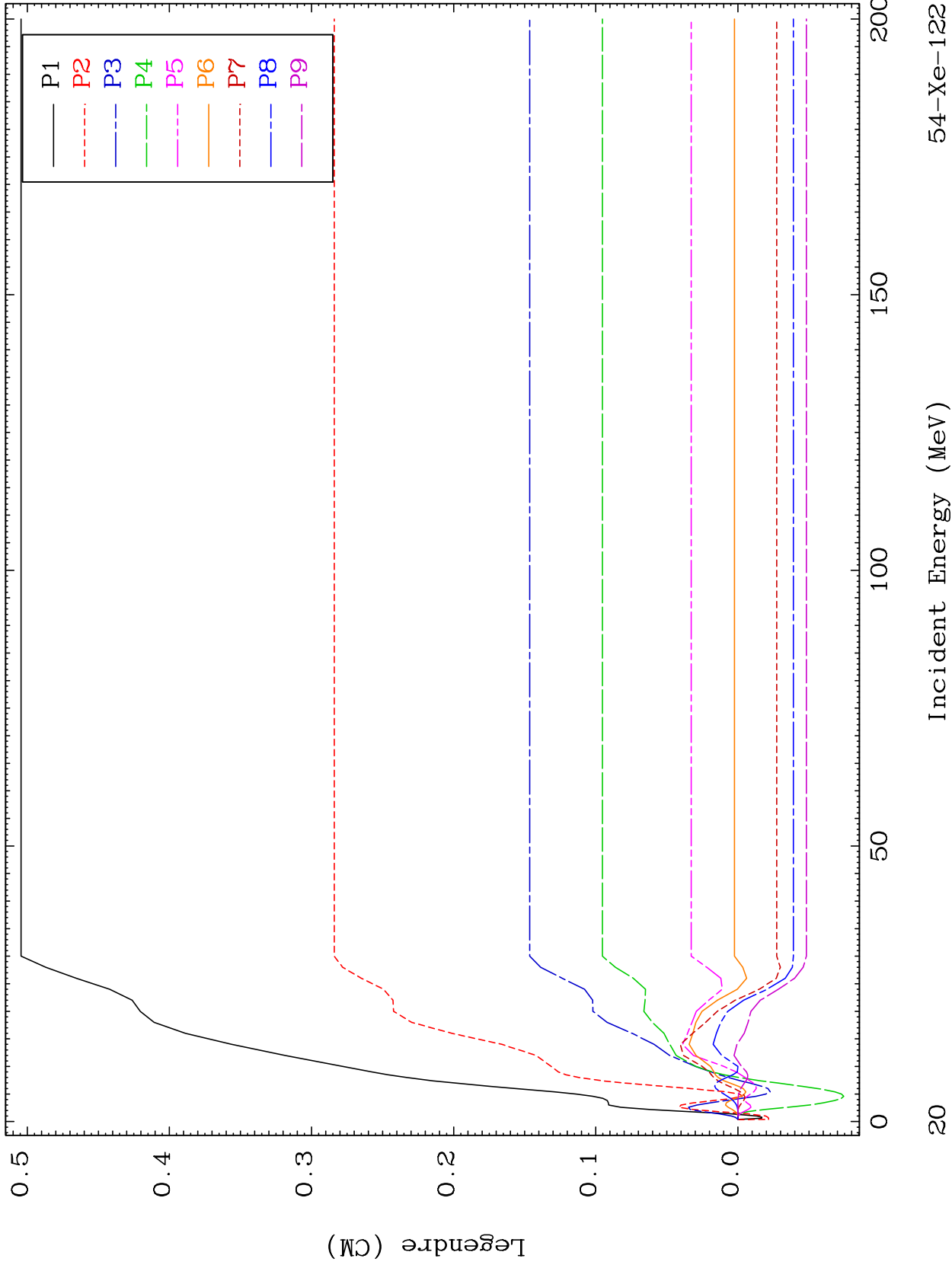
54-Xe-122



MAT 5419

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

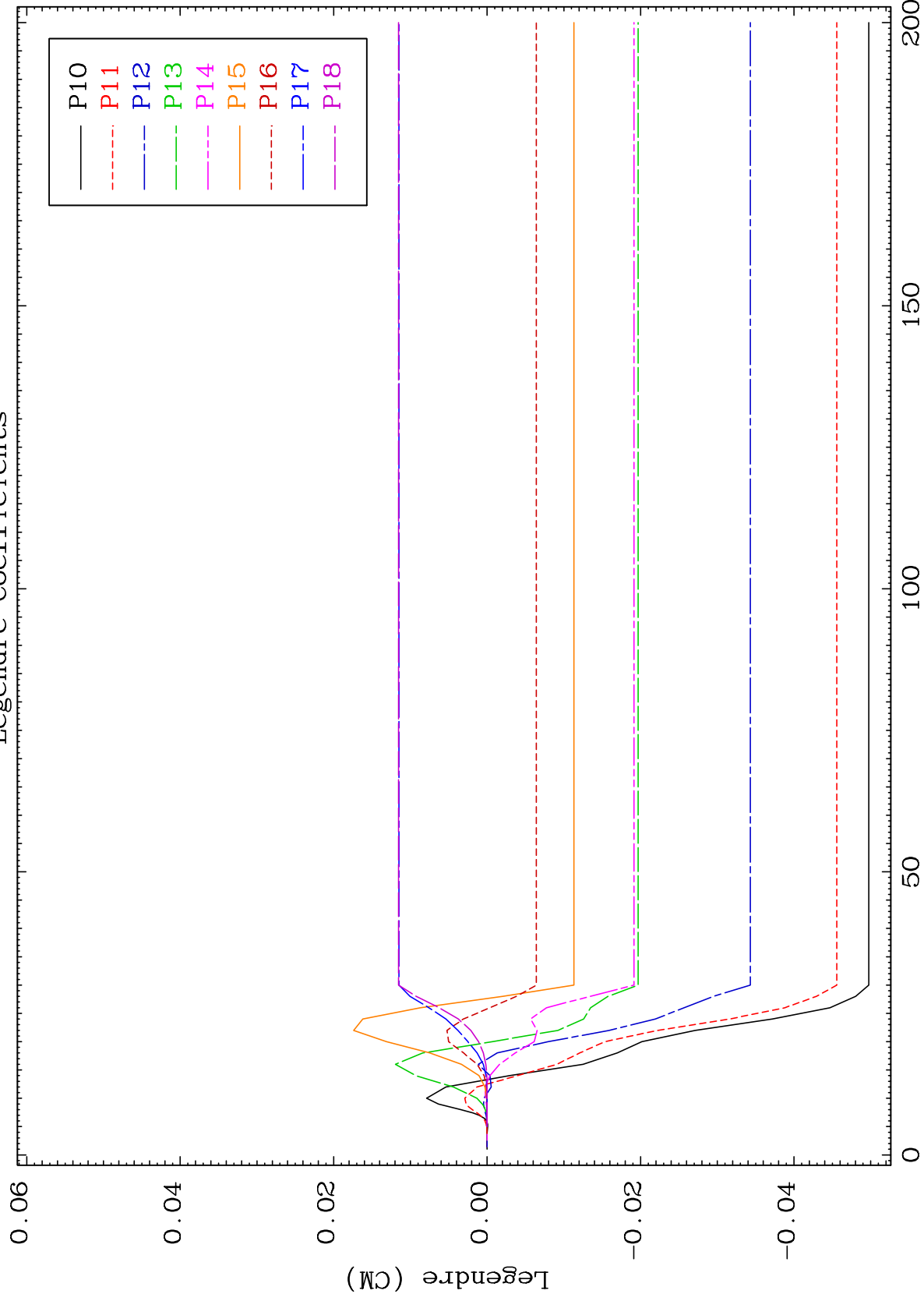
54-Xe-122



MAT 5419

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

54-Xe-122



21

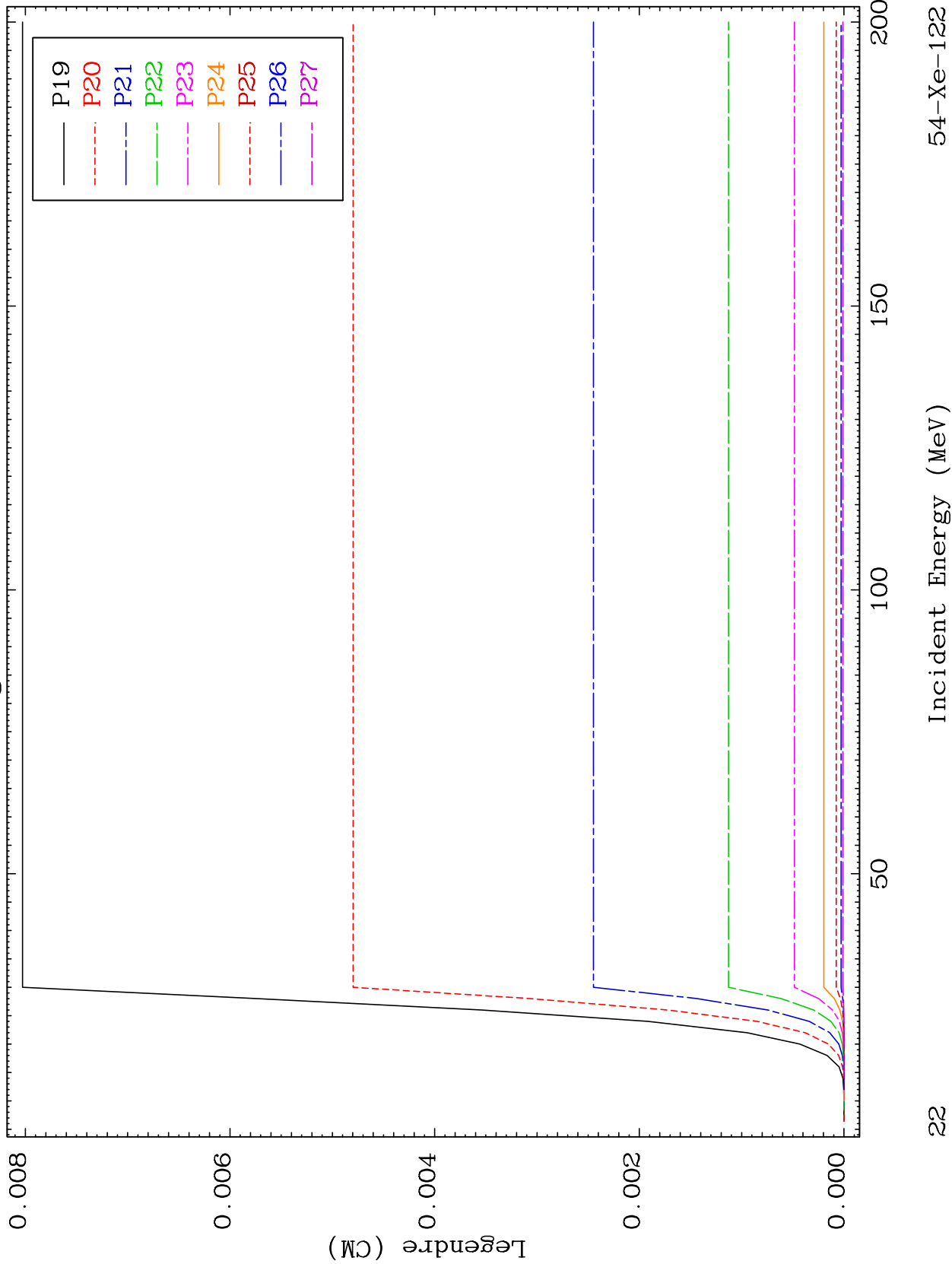
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



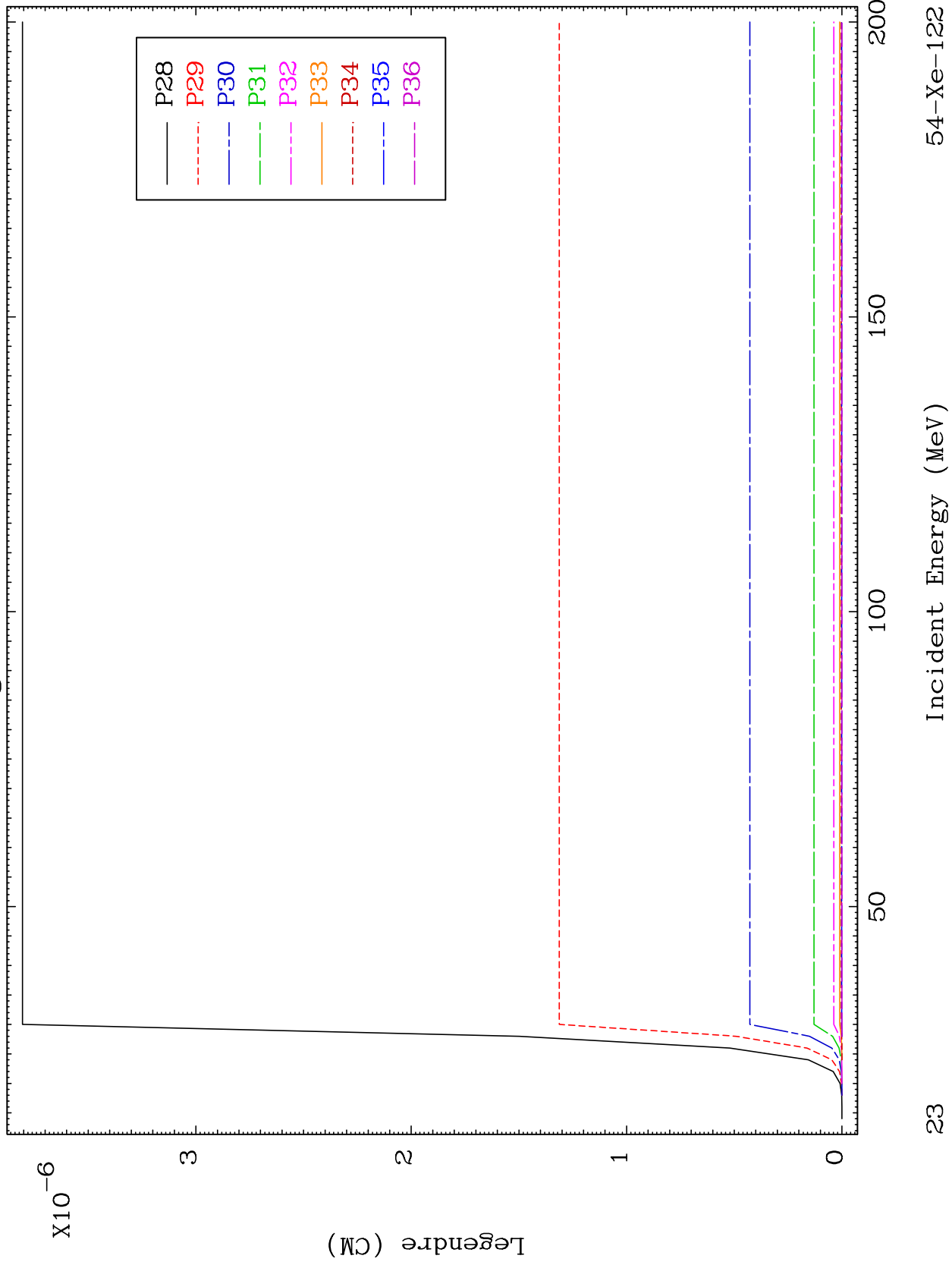
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54-Xe-122

MAT 5419

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

54-Xe-122



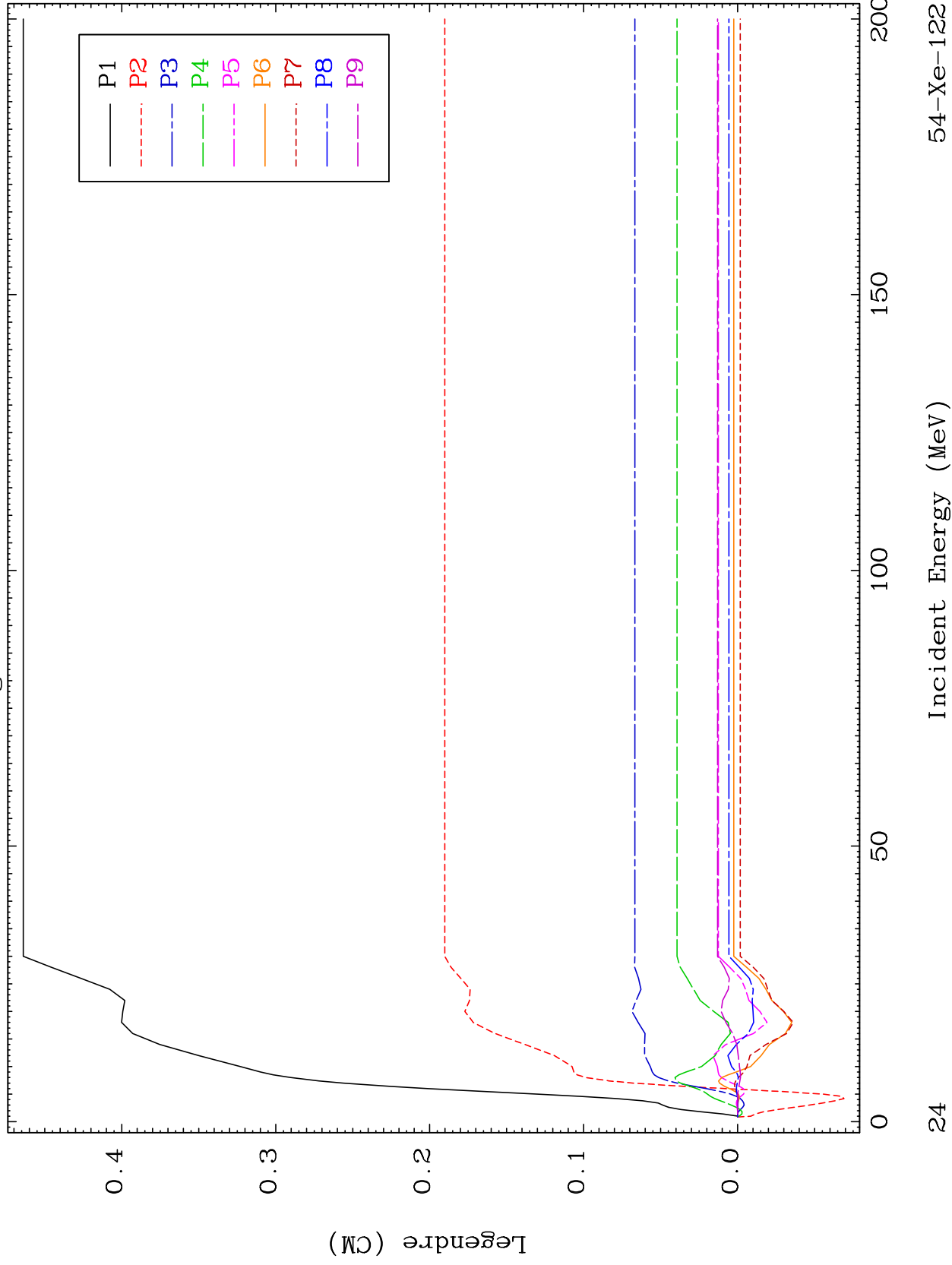
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54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

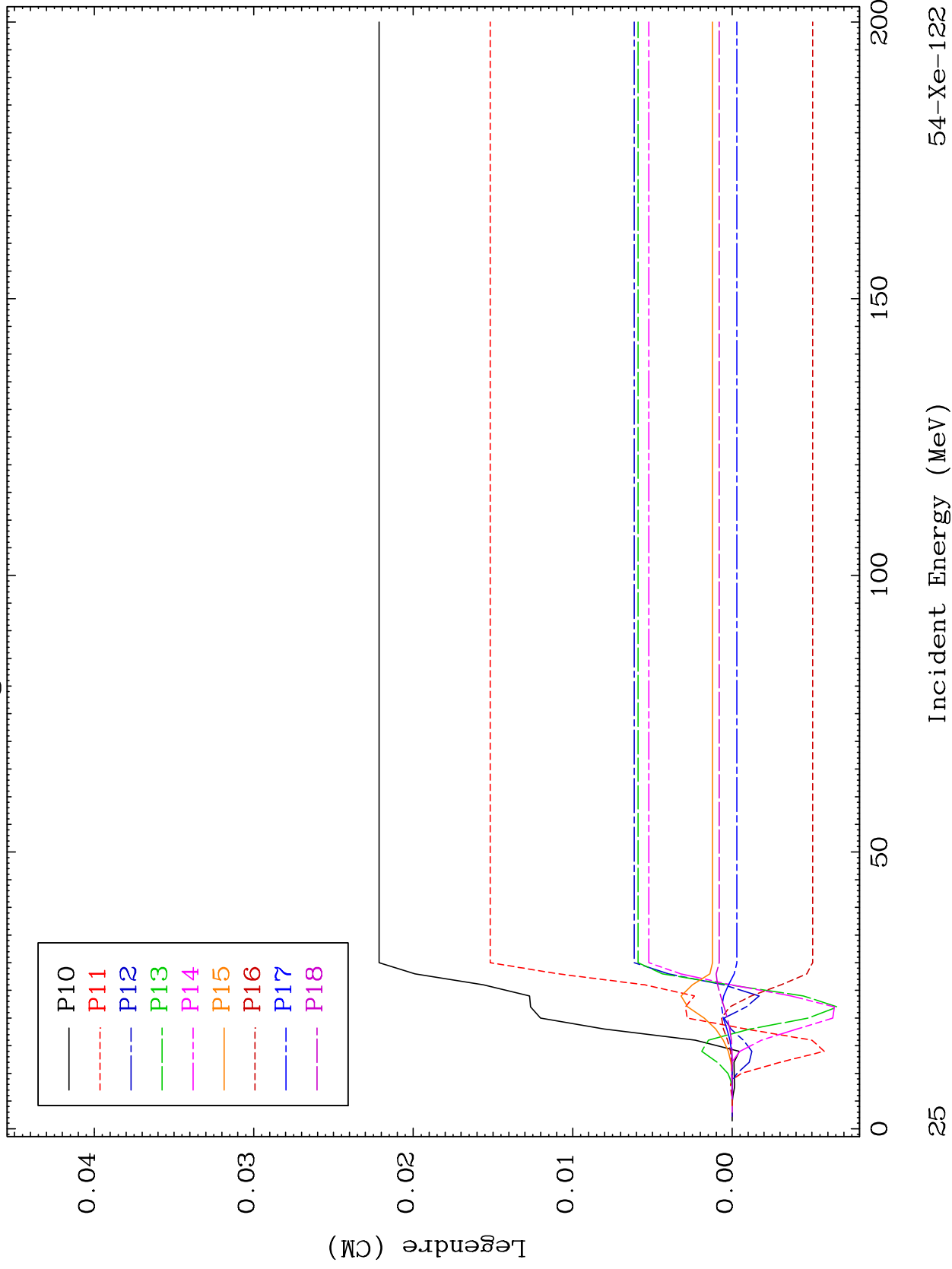
Incident Energy (MeV)

24

MAT 5419

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

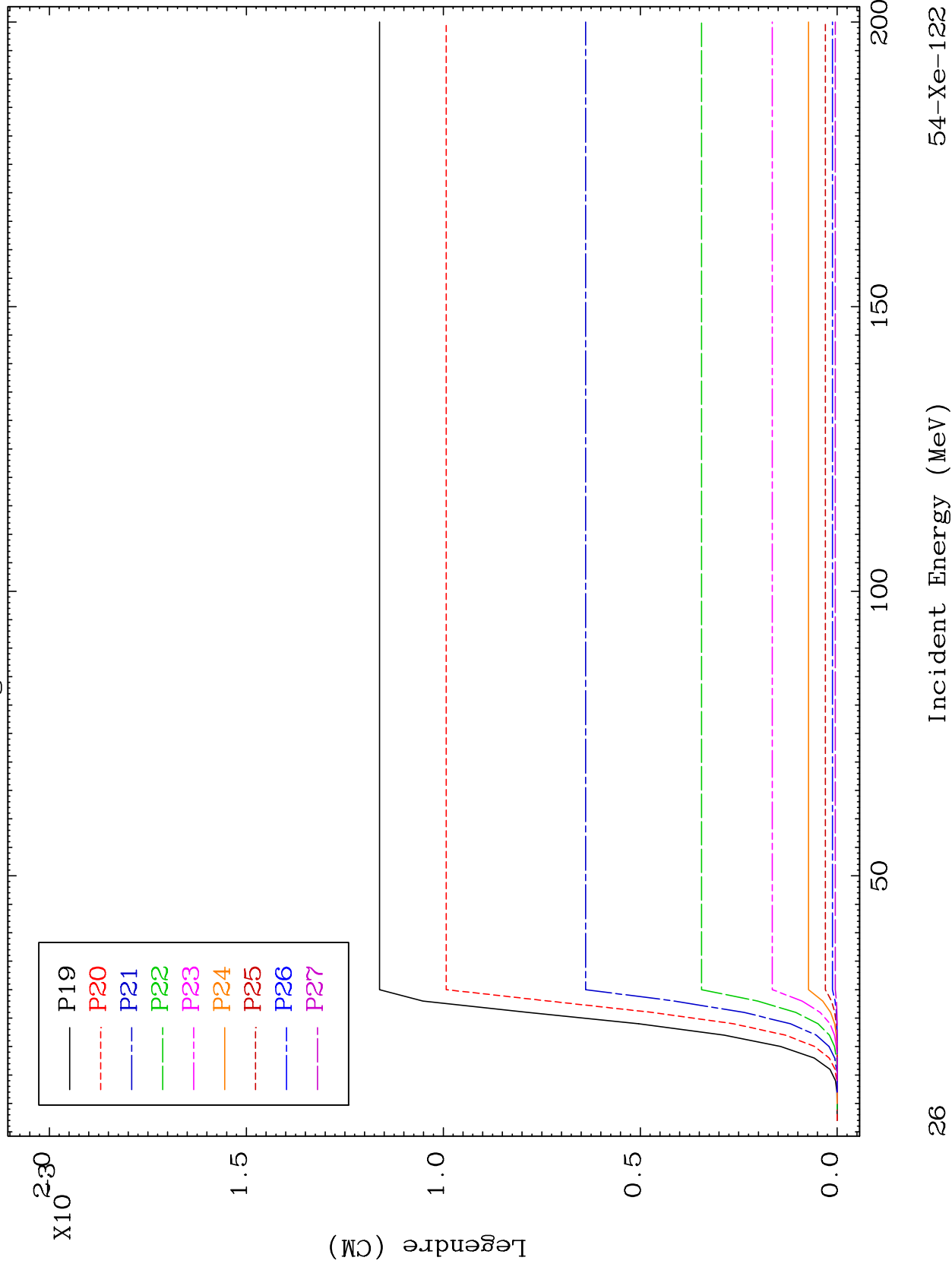
54-Xe-122



54-Xe-122

Incident Energy (MeV)

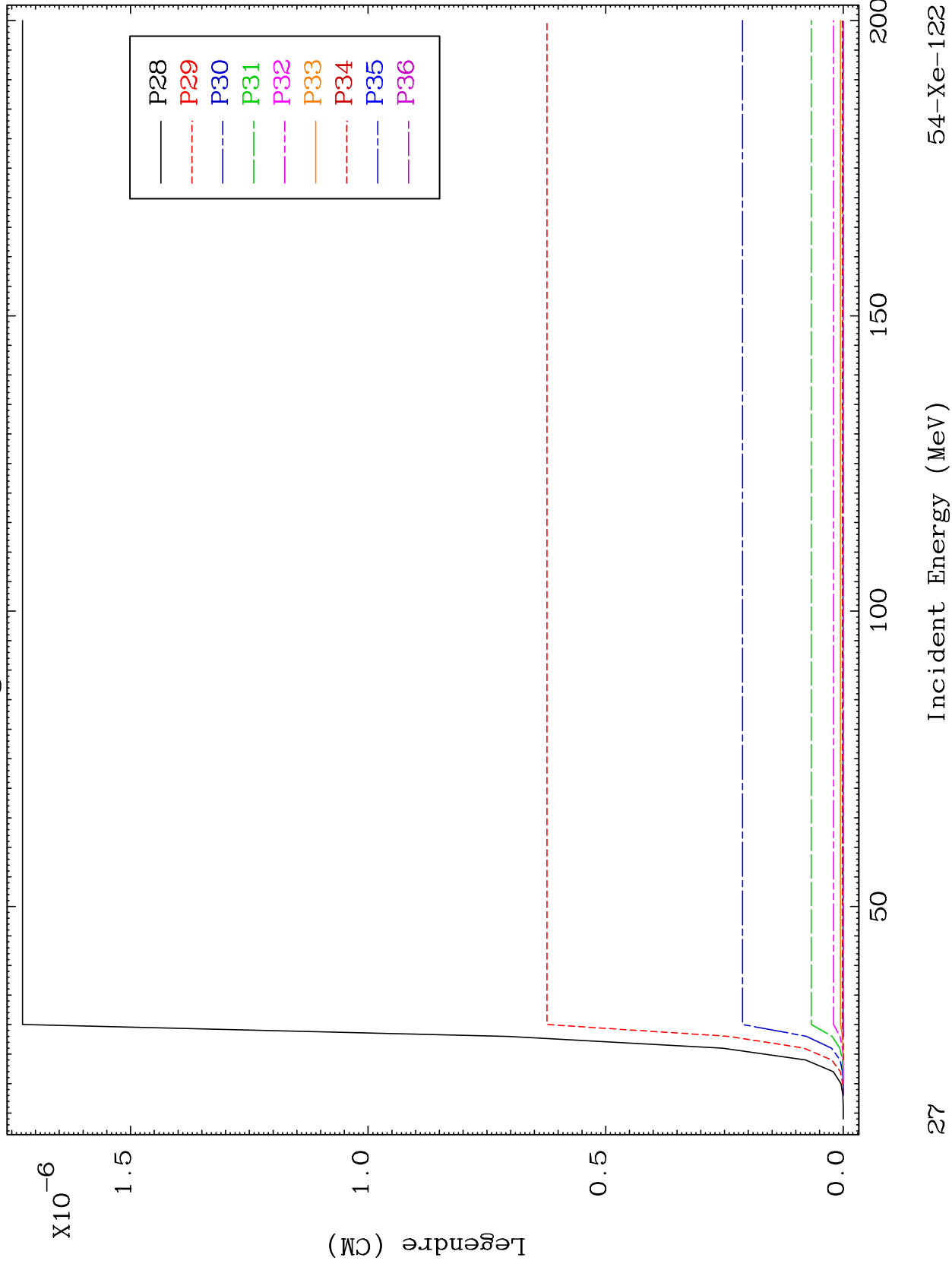
25



MAT 5419

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

54-Xe-122

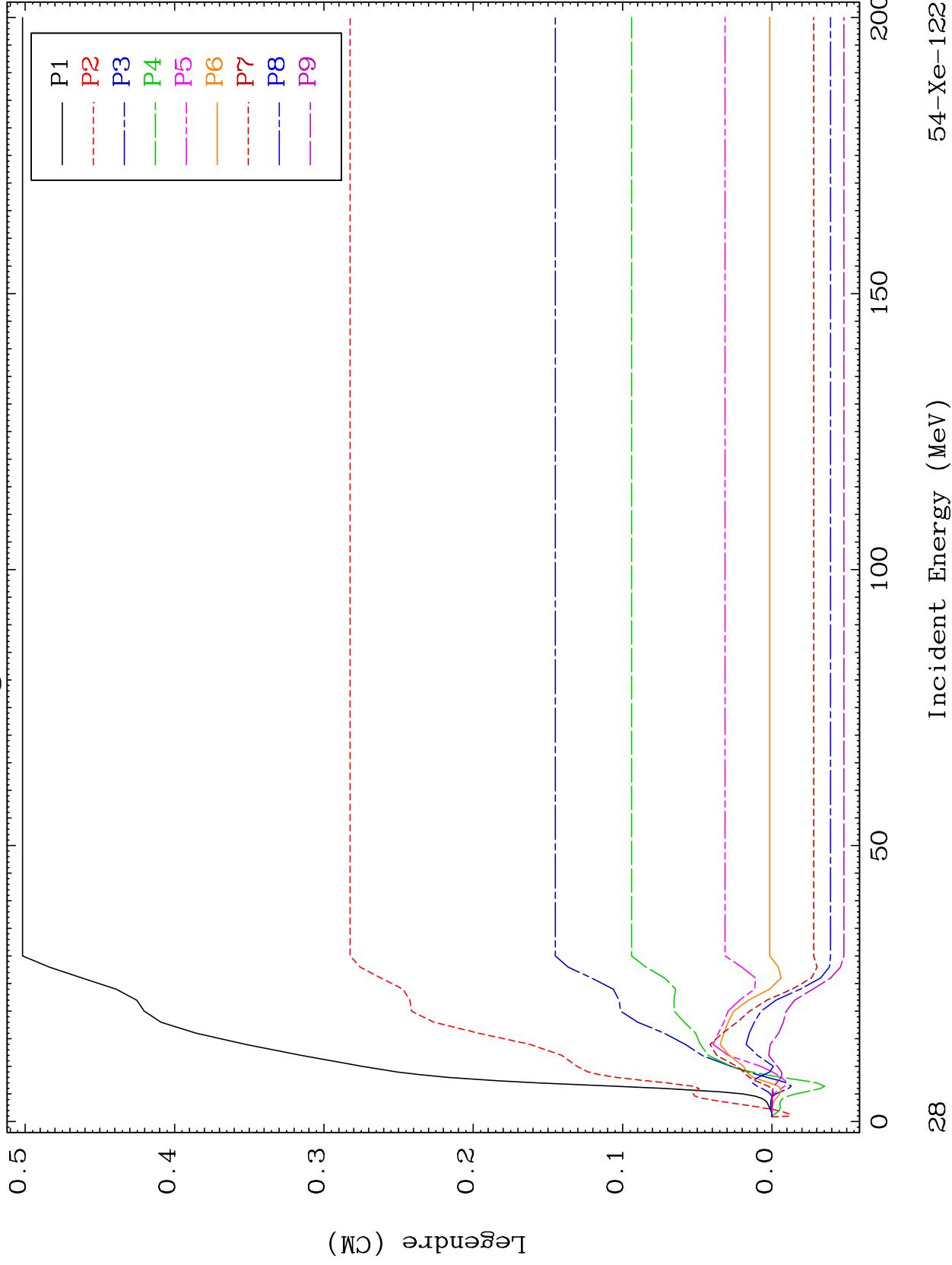


MAT 5419

MT= 53 (n,n') Level

54-Xe-122

Legendre Coefficients

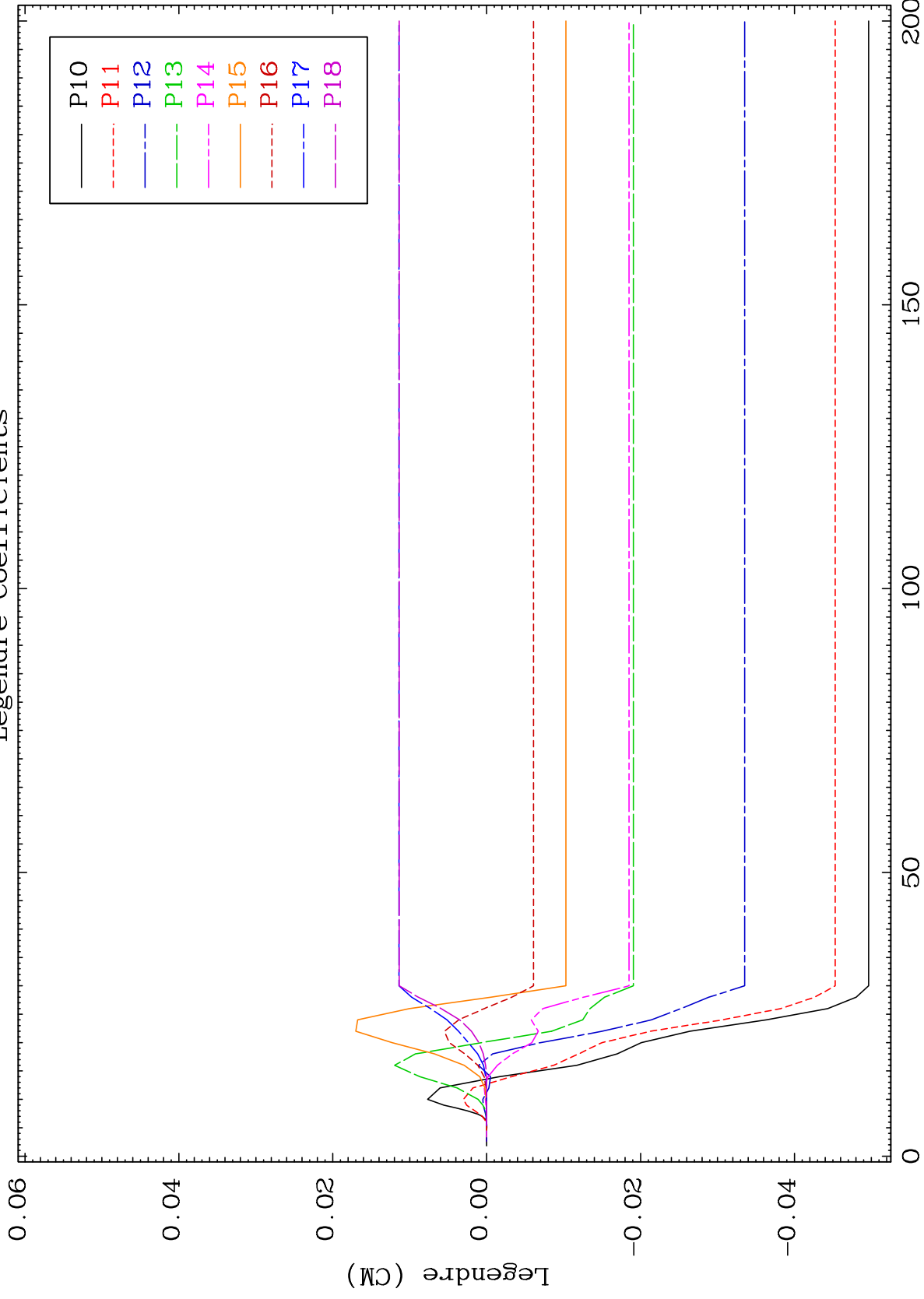


28

MAT 5419

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

54-Xe-122



29

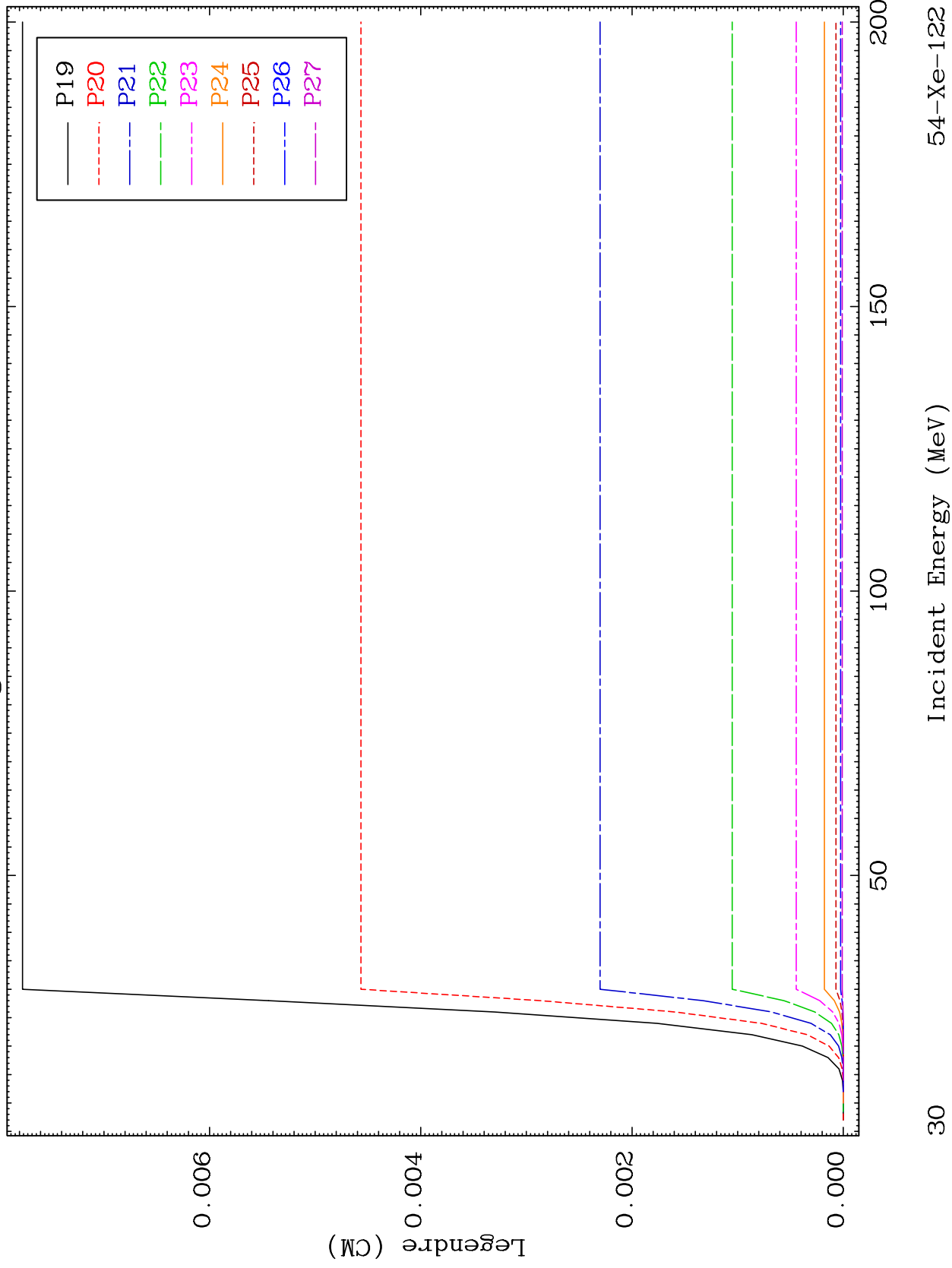
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

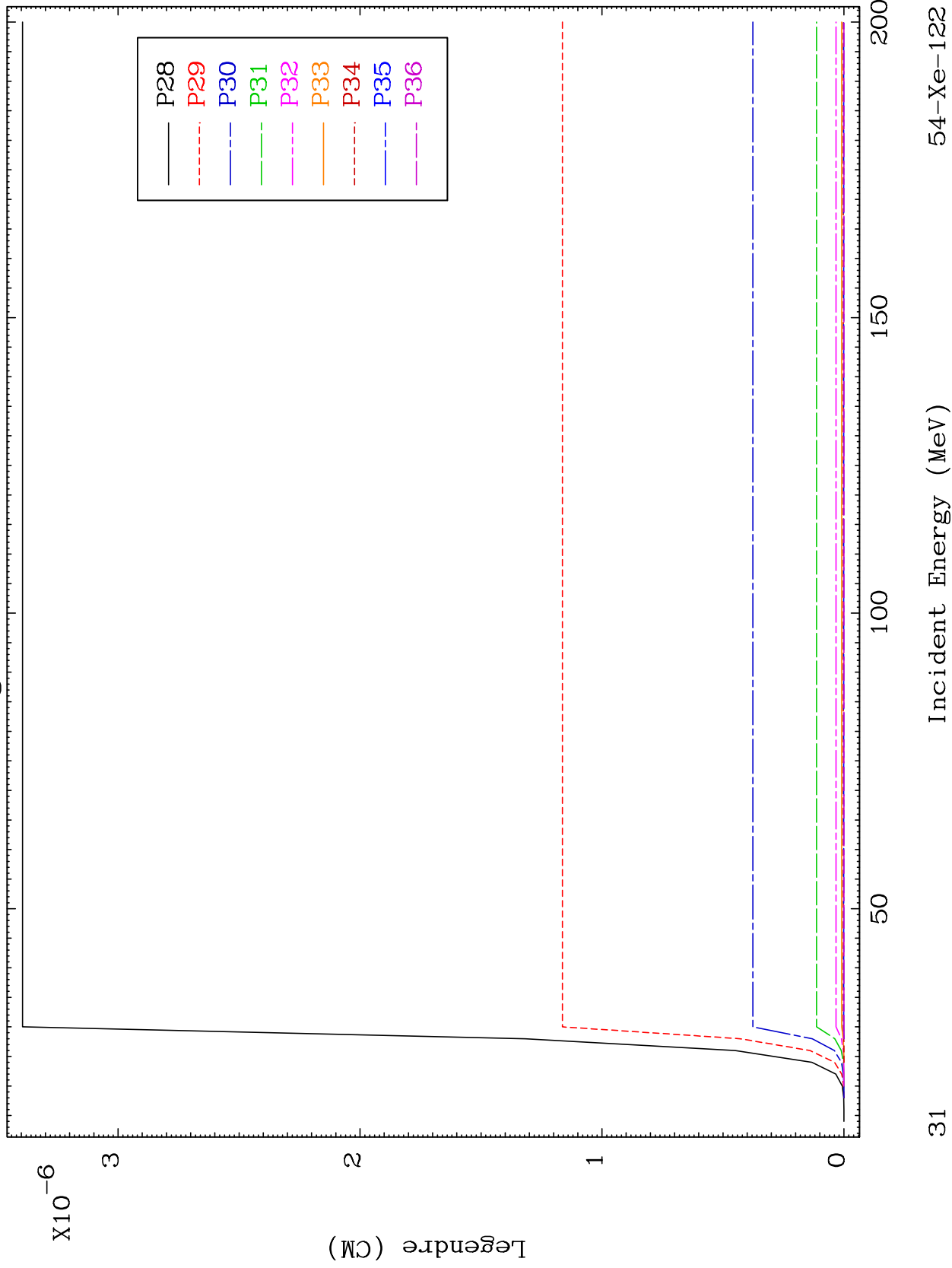
Incident Energy (MeV)

30

MAT 5419

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

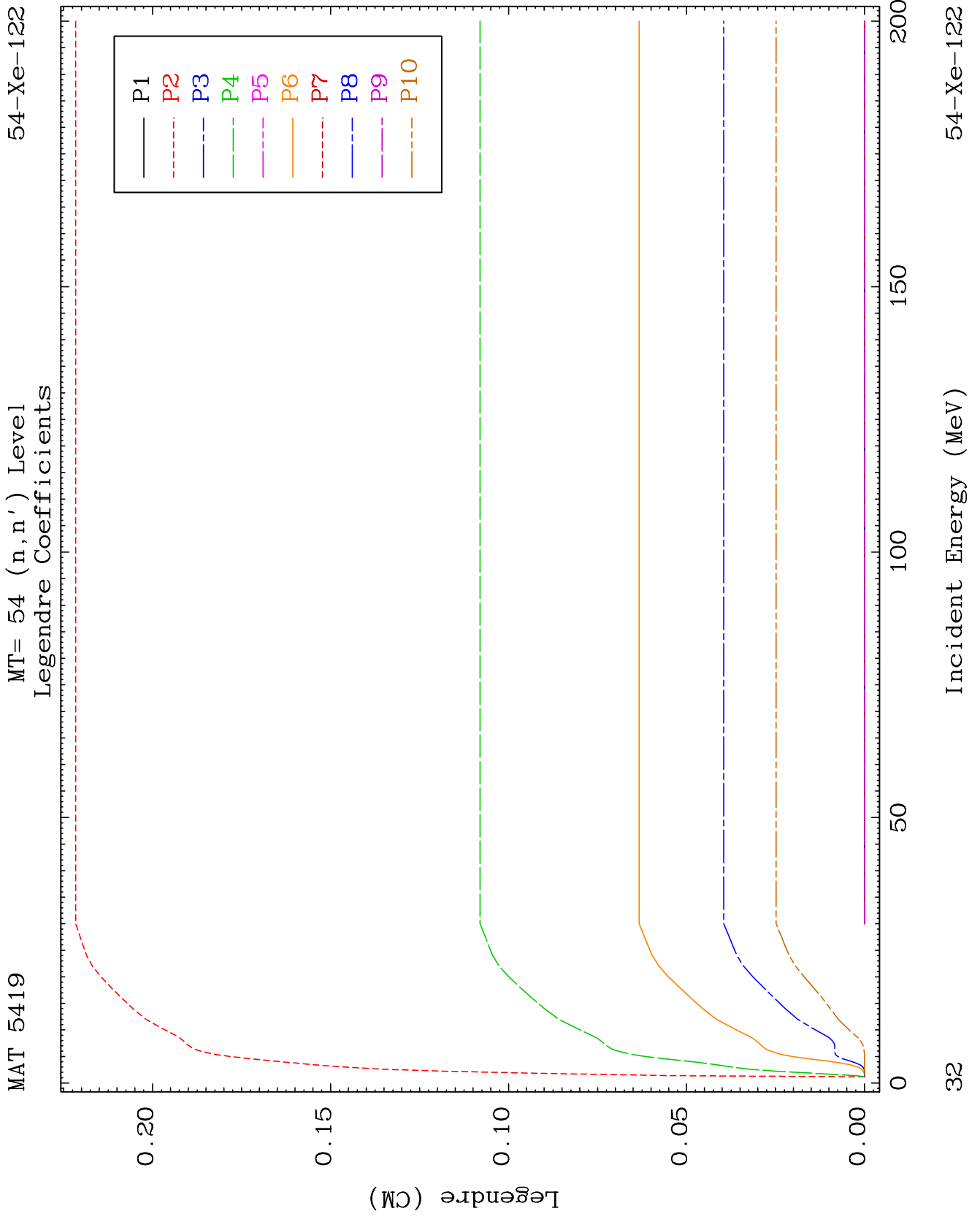
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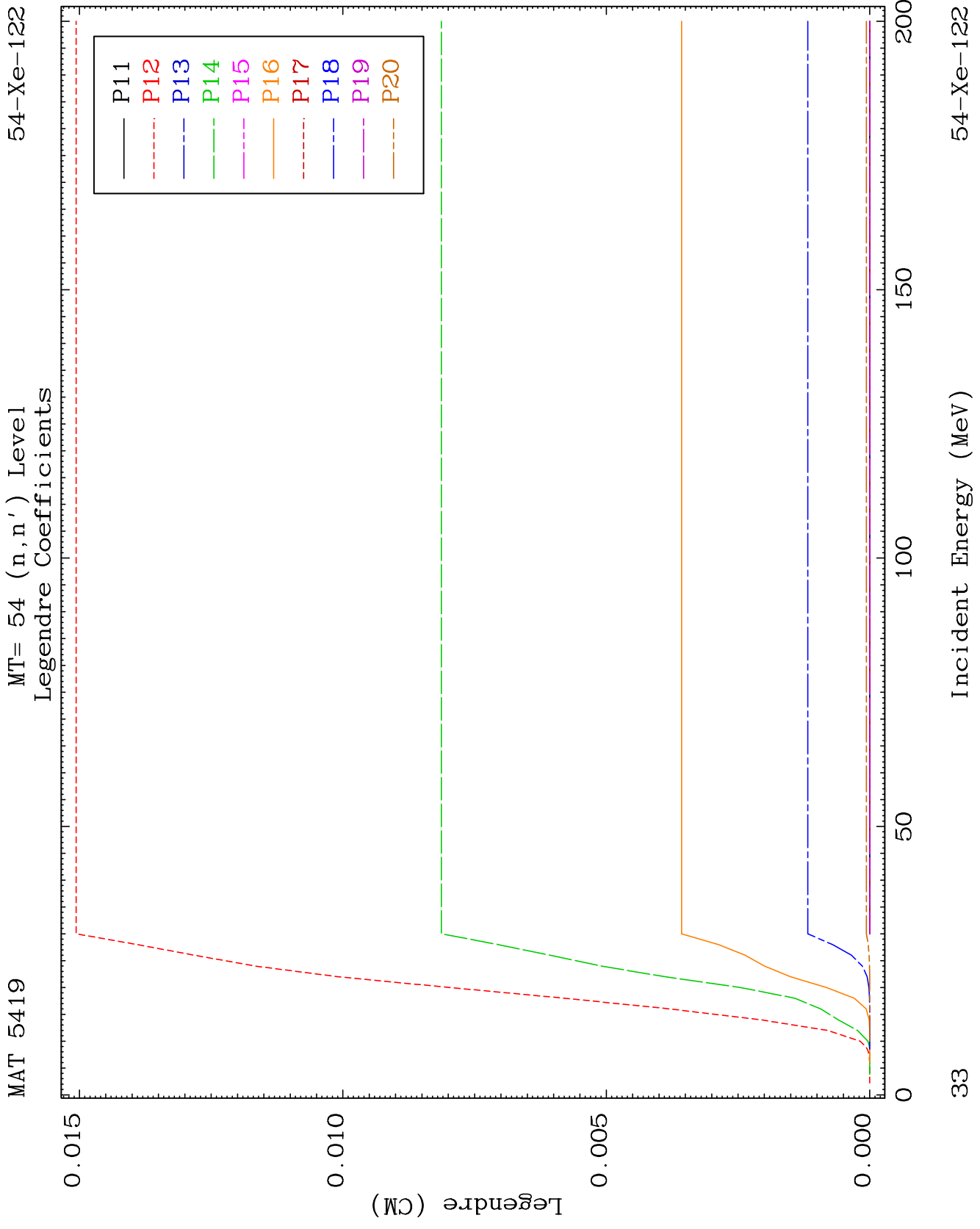


31

Incident Energy (MeV)

54-Xe-122

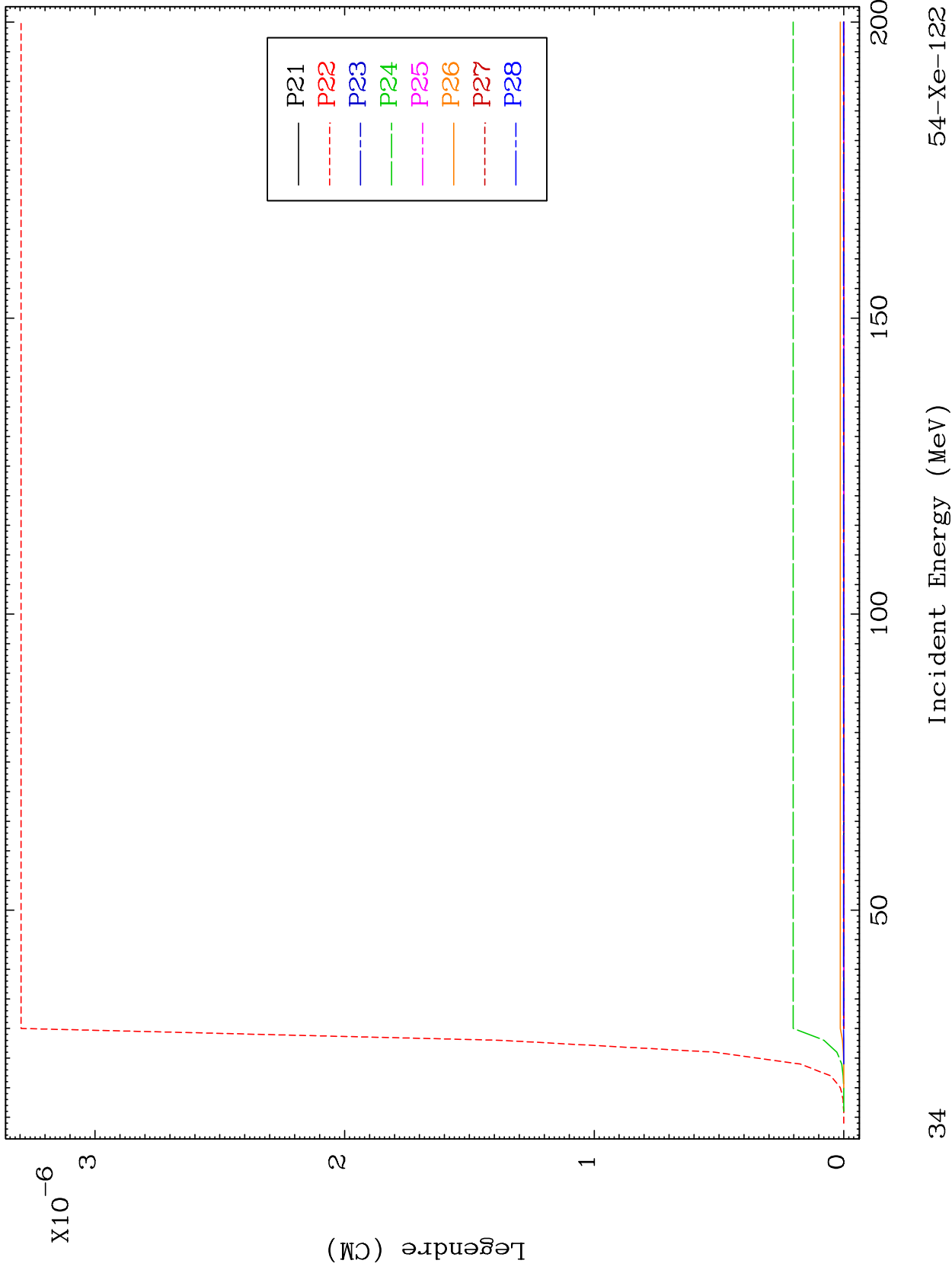




MAT 5419

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

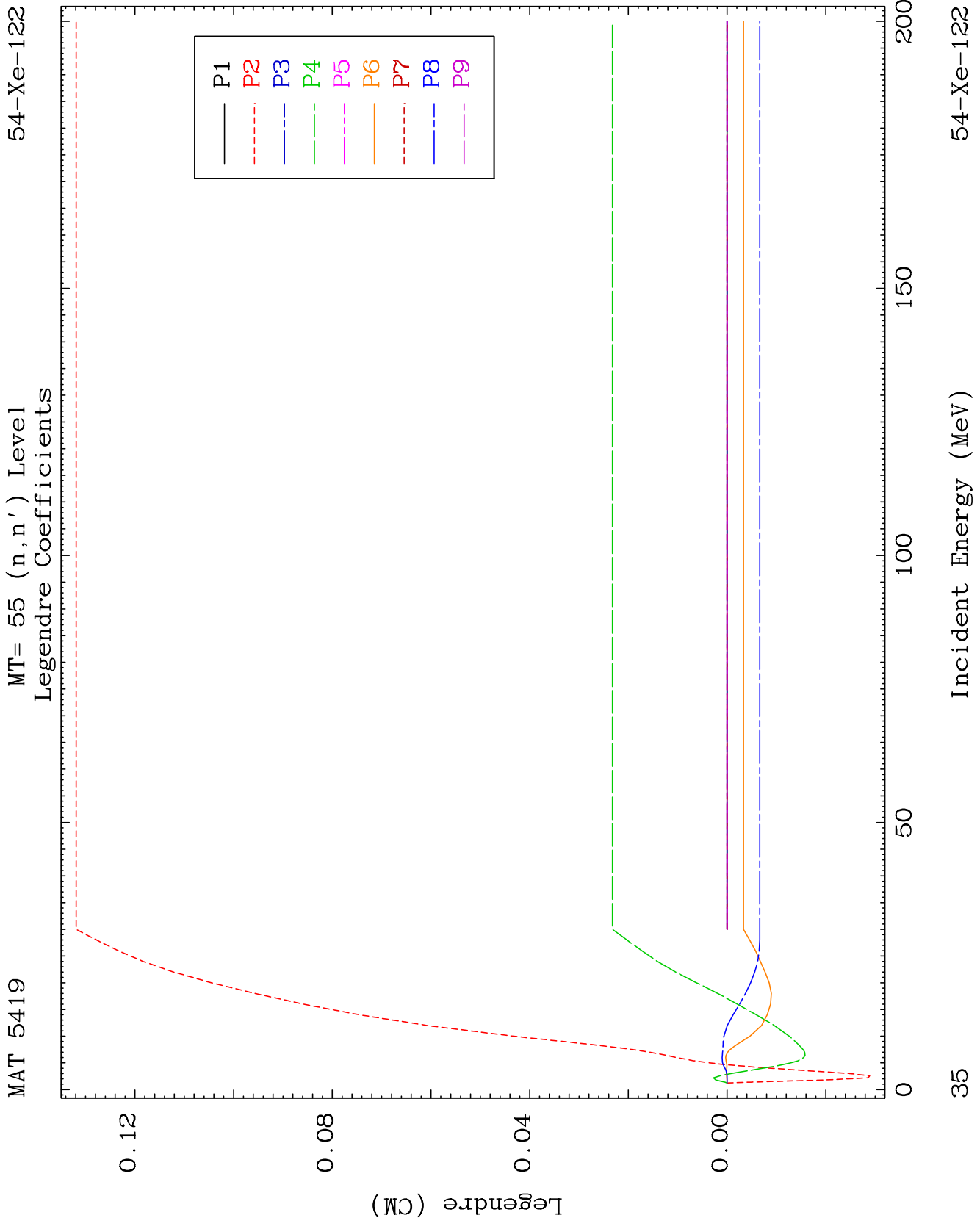
54-Xe-122



34

Incident Energy (MeV)

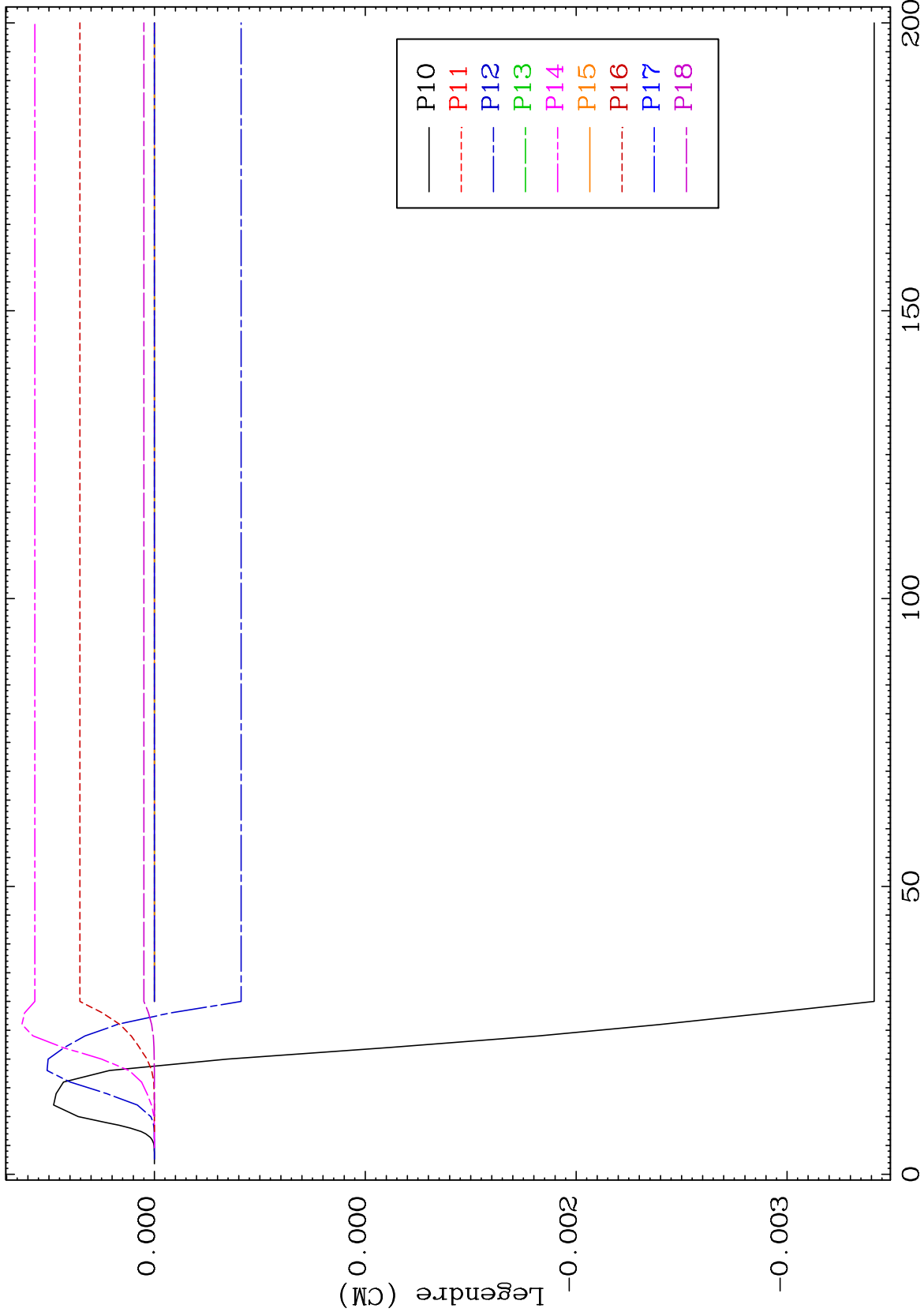
54-Xe-122



MAT 5419

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

54-Xe-122



36

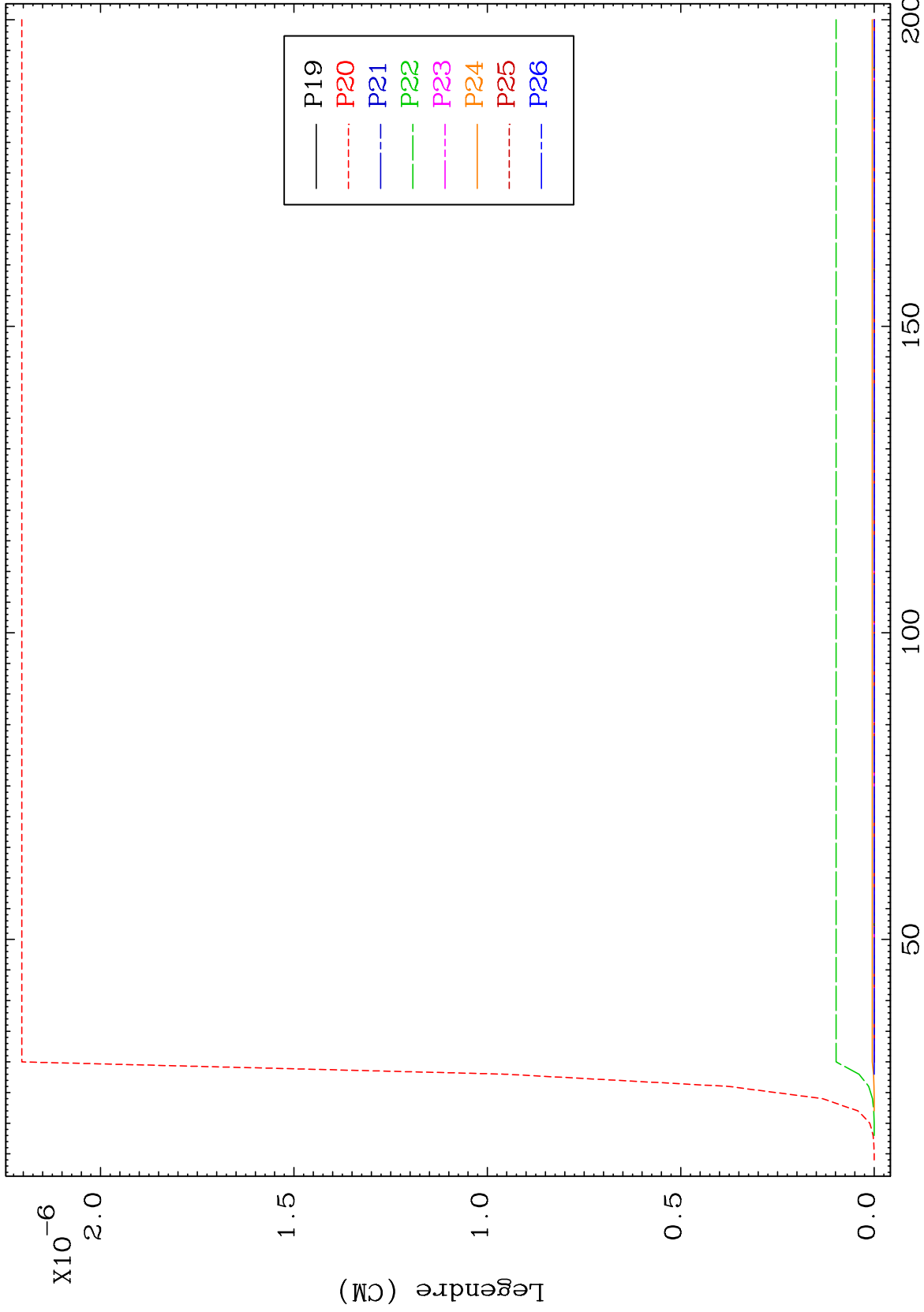
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



37

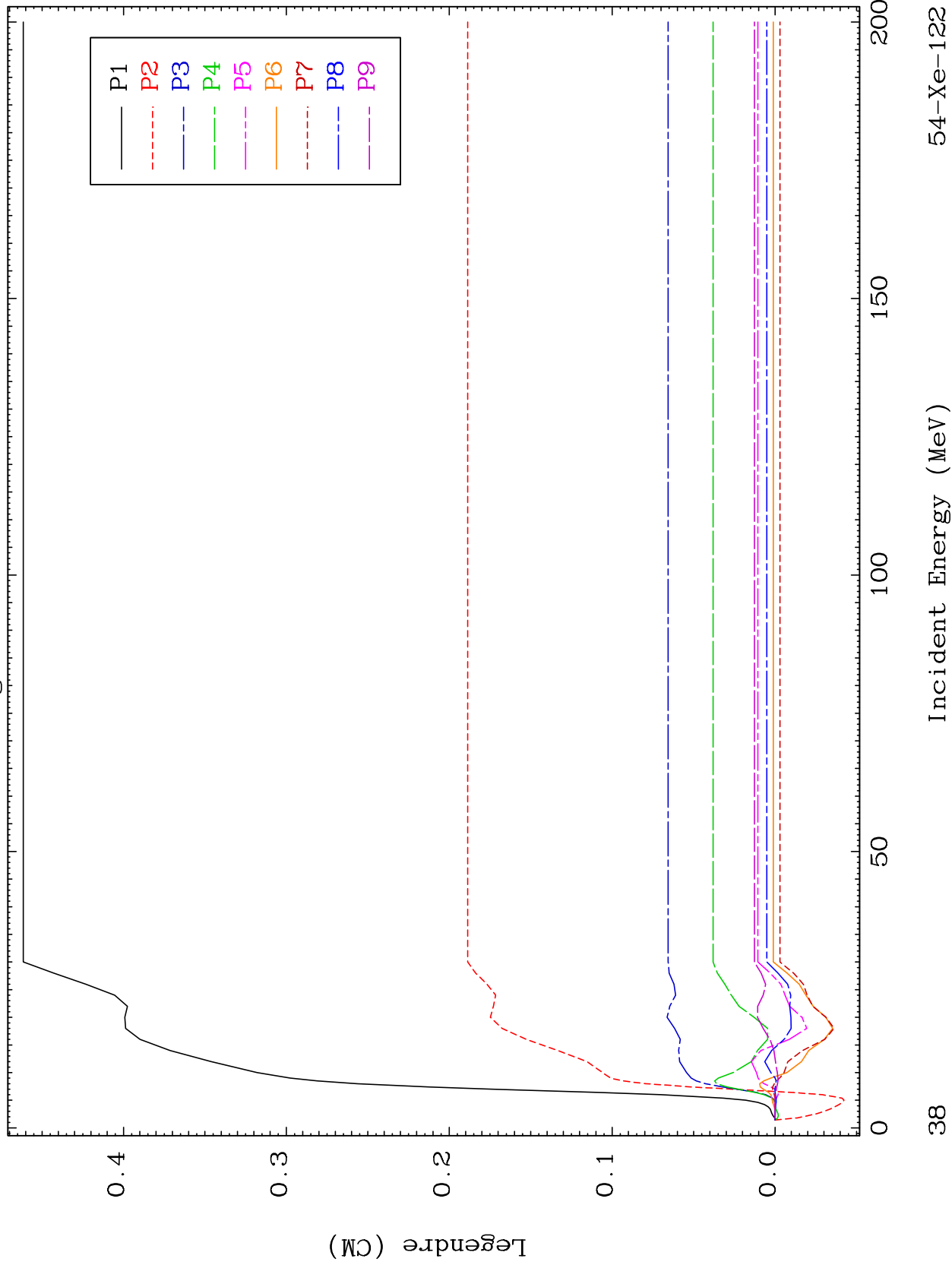
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

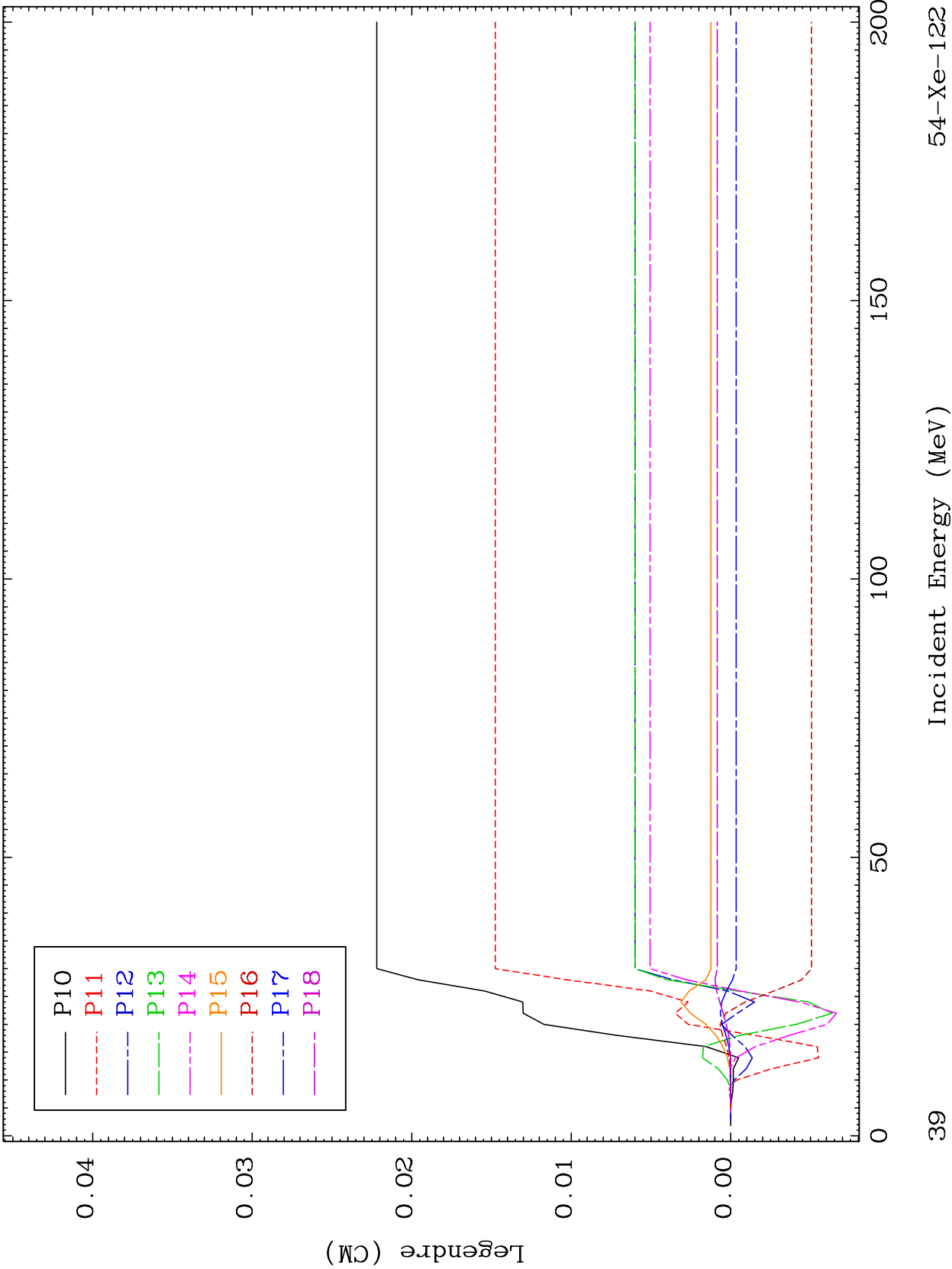
Incident Energy (MeV)

38

MAT 5419

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

54-Xe-122



39

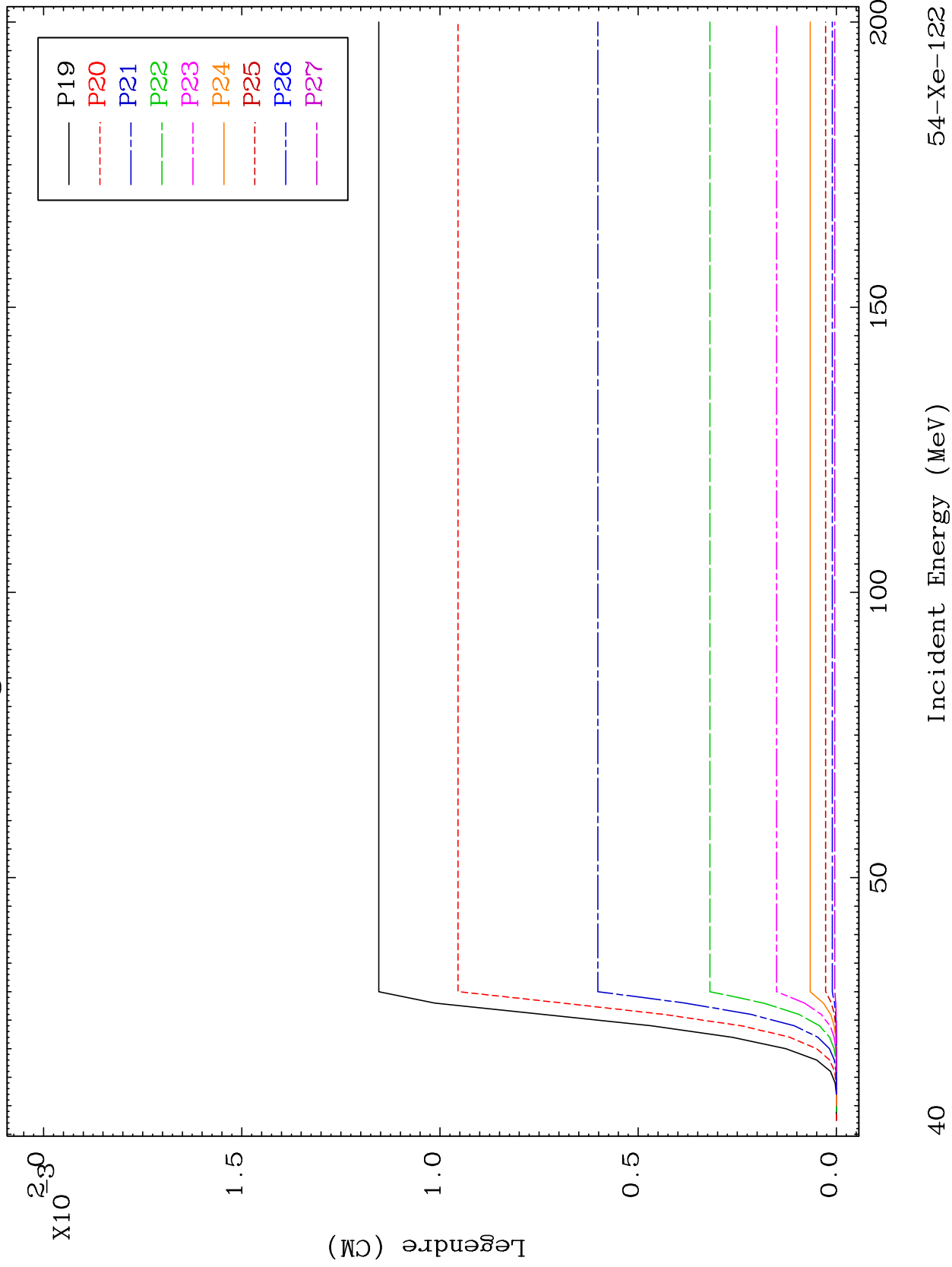
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

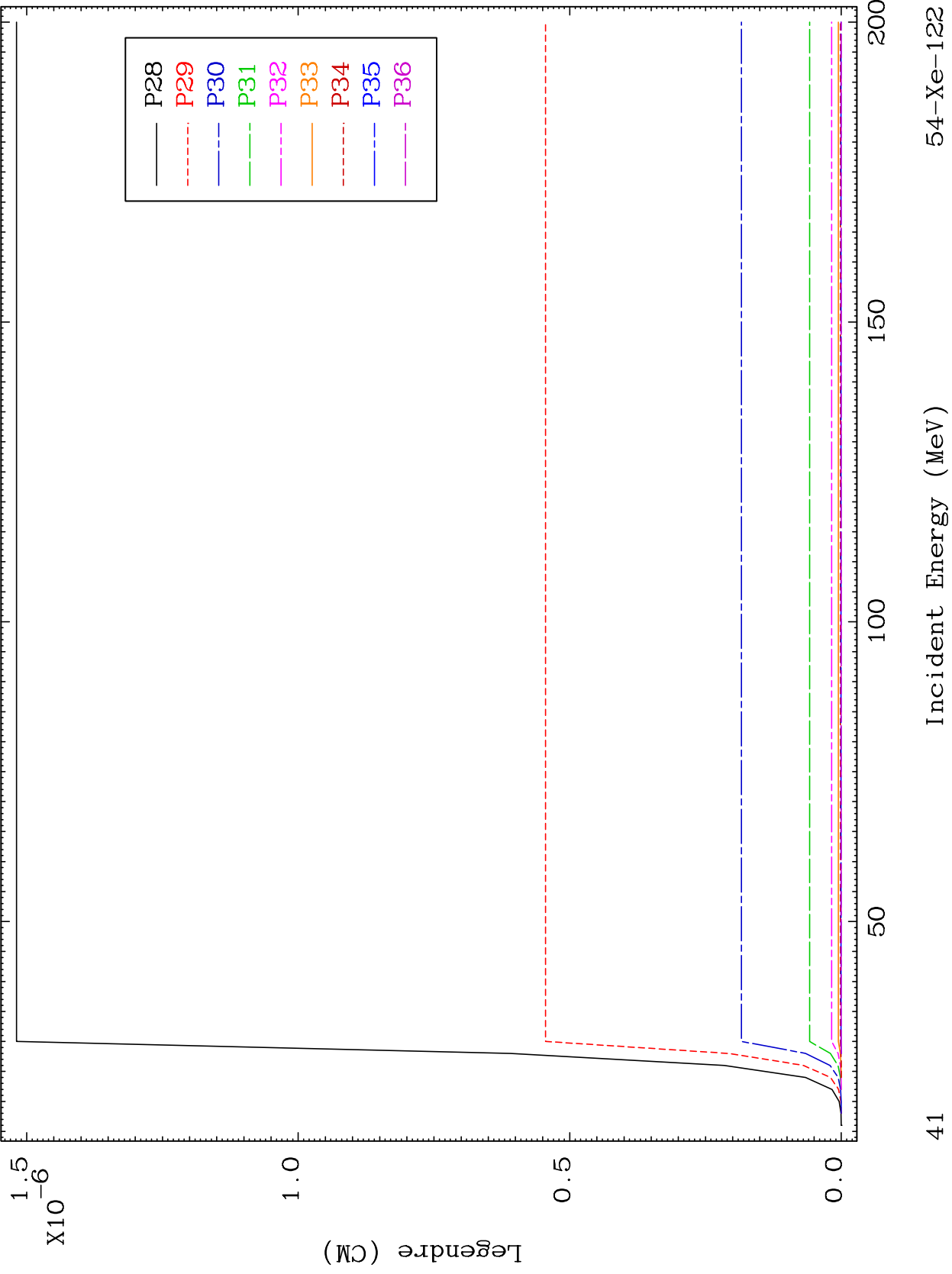
54-Xe-122



MAT 5419

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

54-Xe-122



41

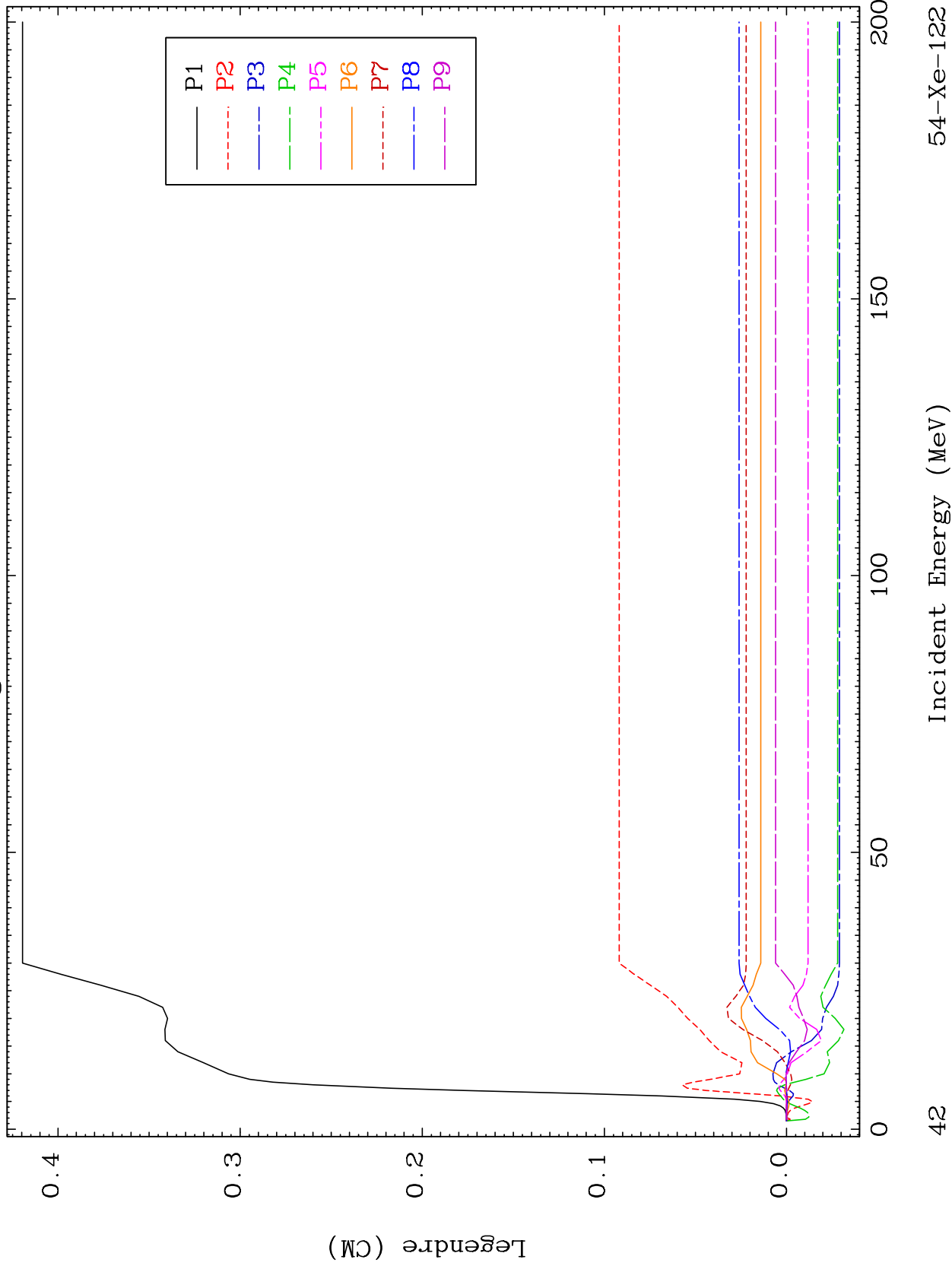
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

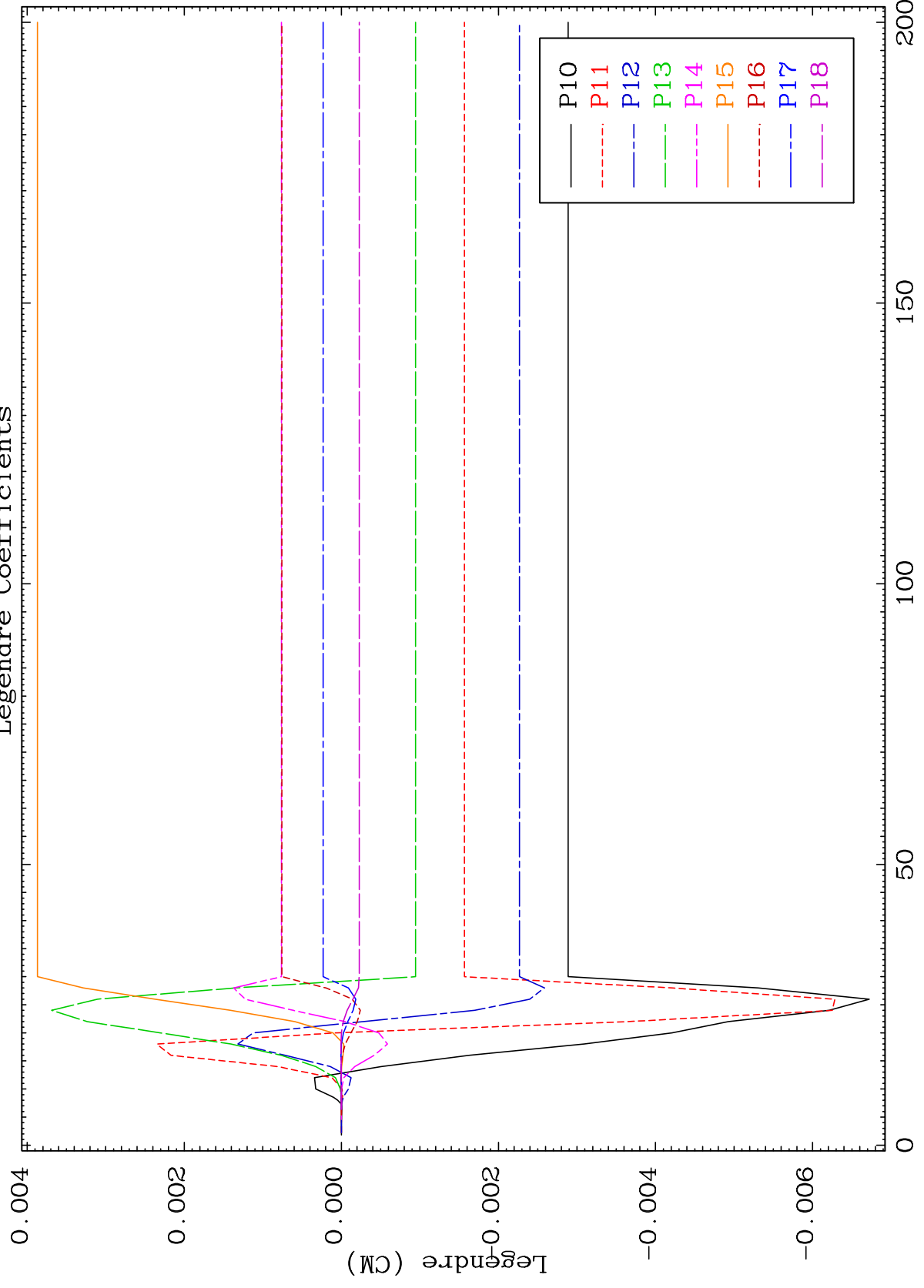
Incident Energy (MeV)

42

MAT 5419

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

54-Xe-122



43

Incident Energy (MeV)

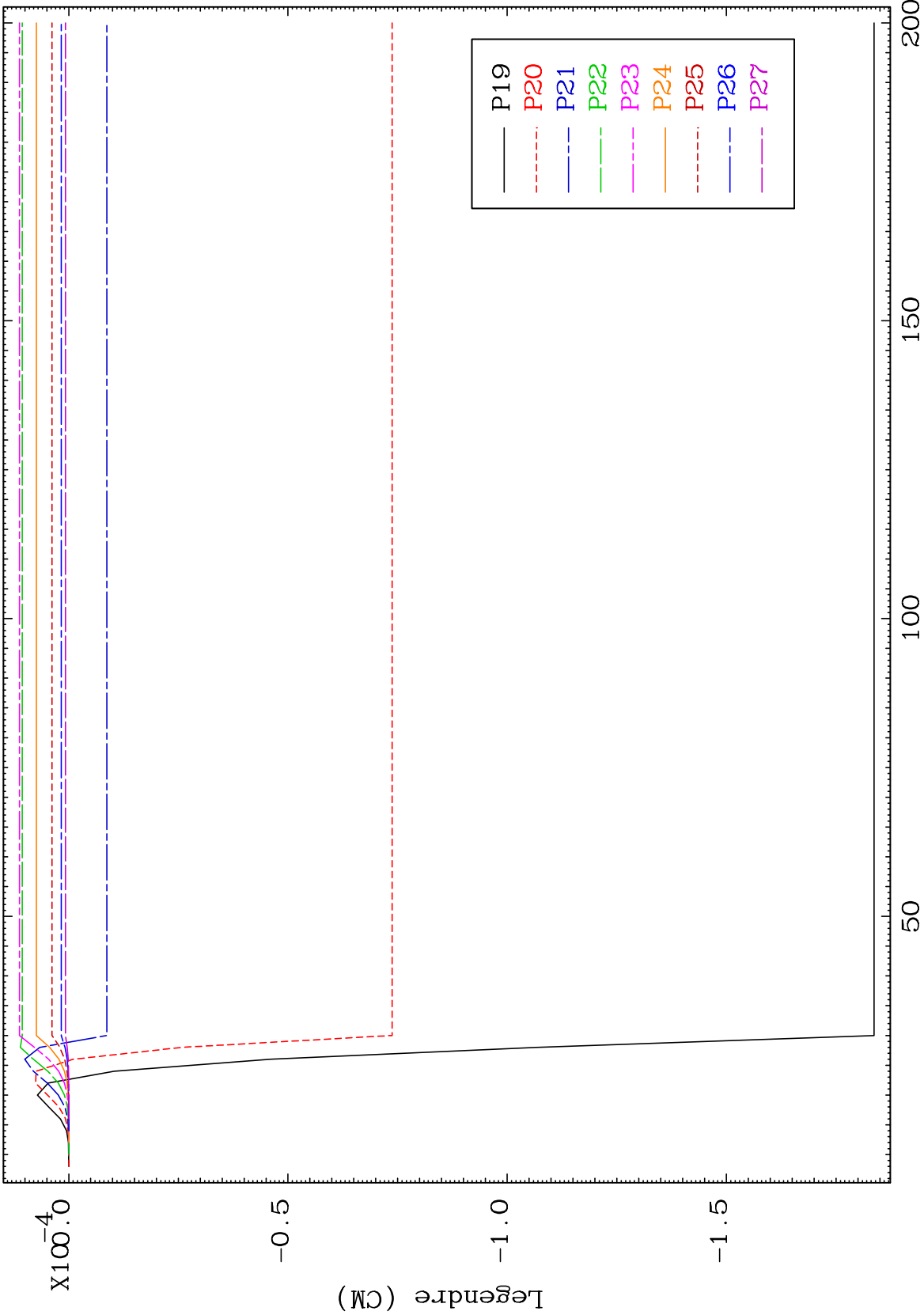
54-Xe-122

MAT 5419

MT= 57 (n,n') Level

54-Xe-122

Legendre Coefficients



54-Xe-122

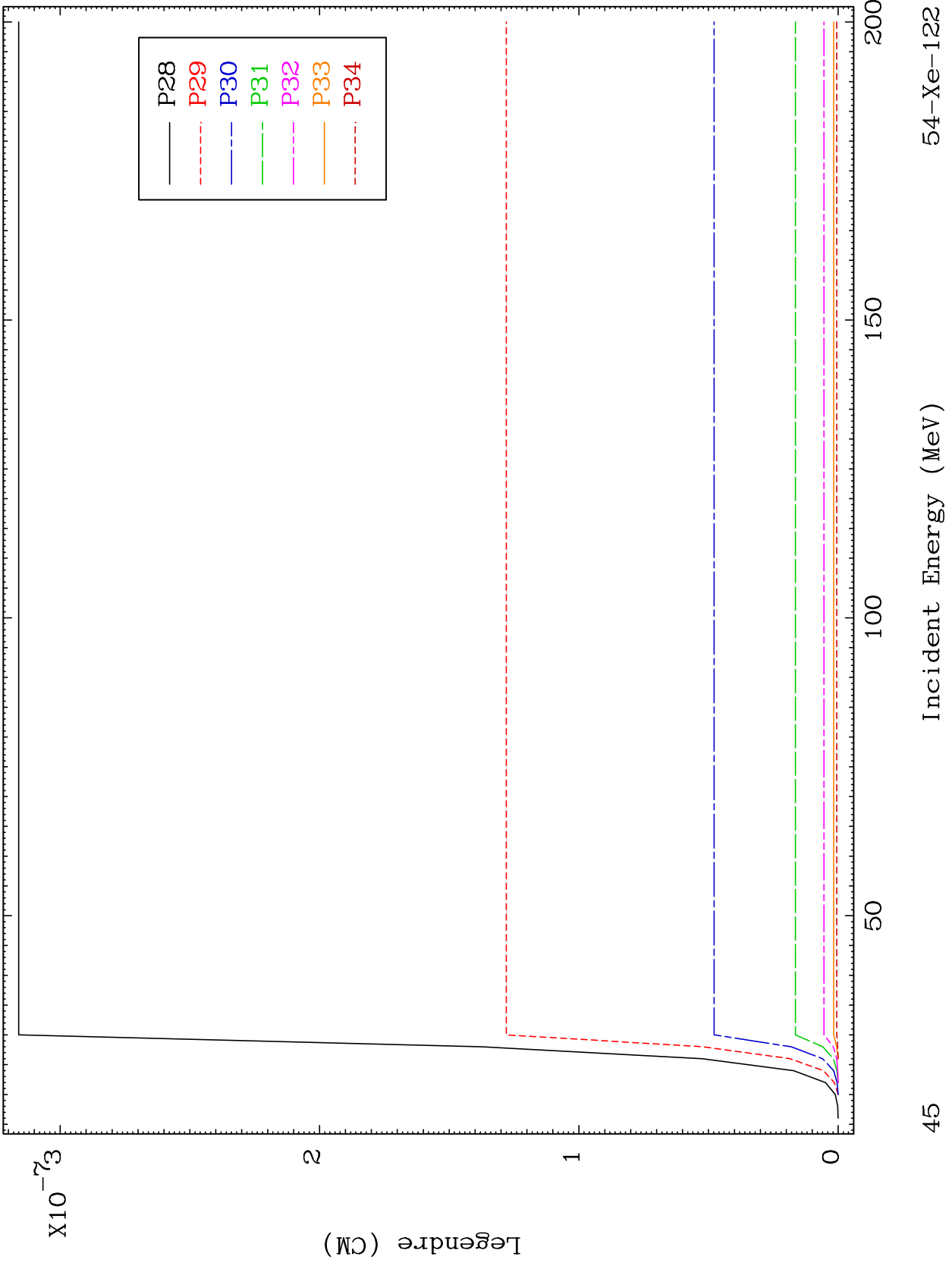
Incident Energy (MeV)

44

MAT 5419

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

54-Xe-122

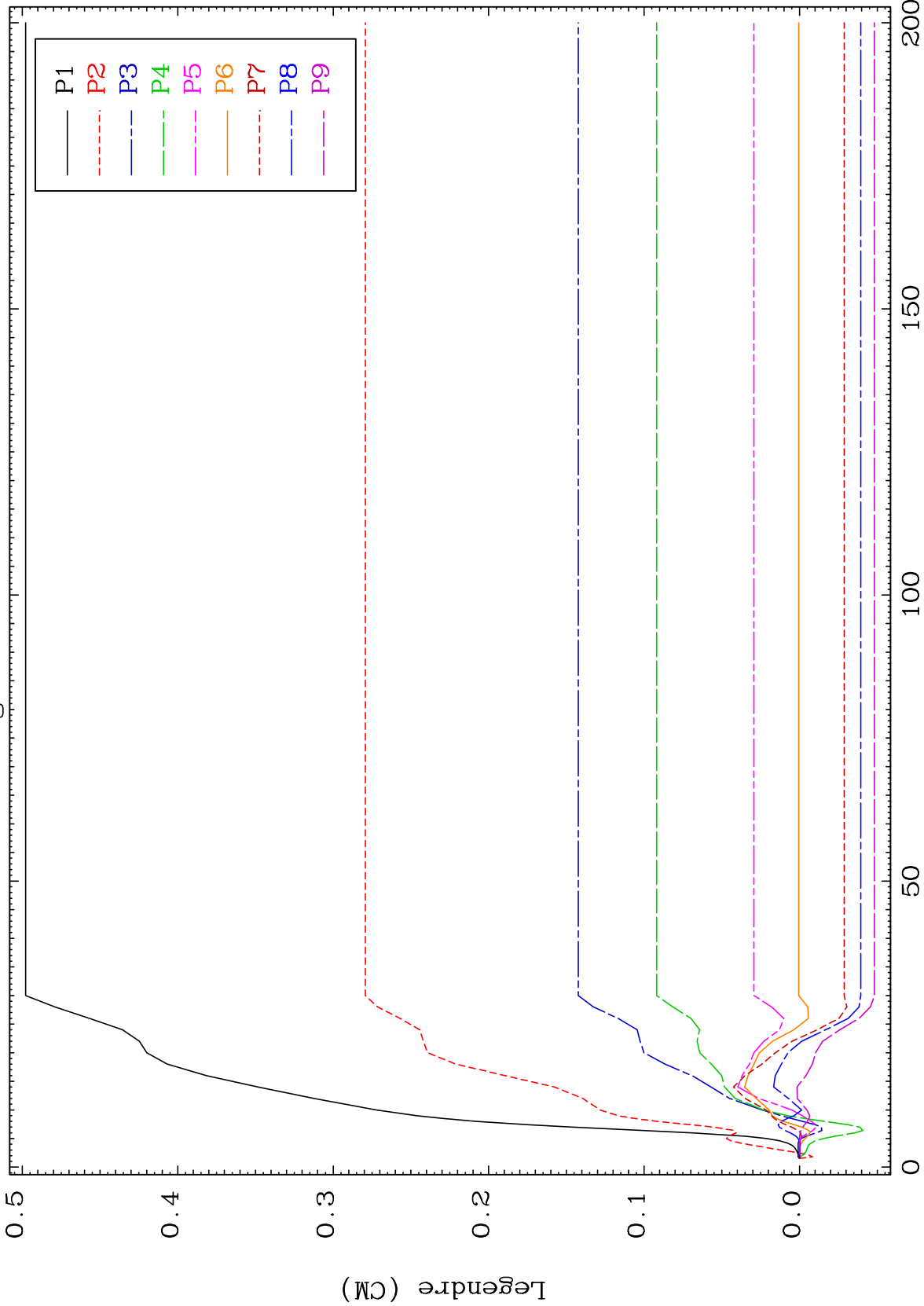


MAT 5419

MT= 58 (n,n') Level

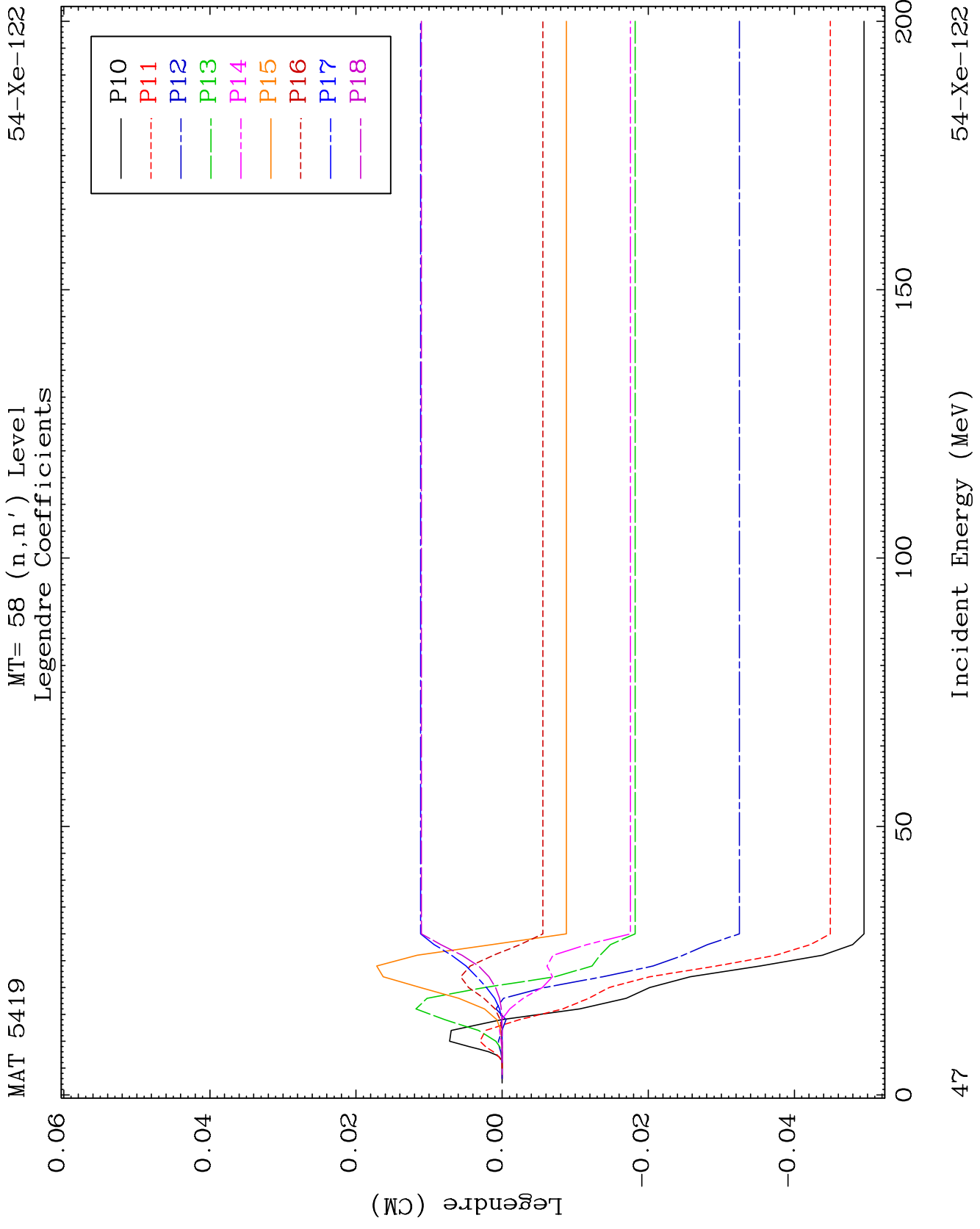
54-Xe-122

Legendre Coefficients



46

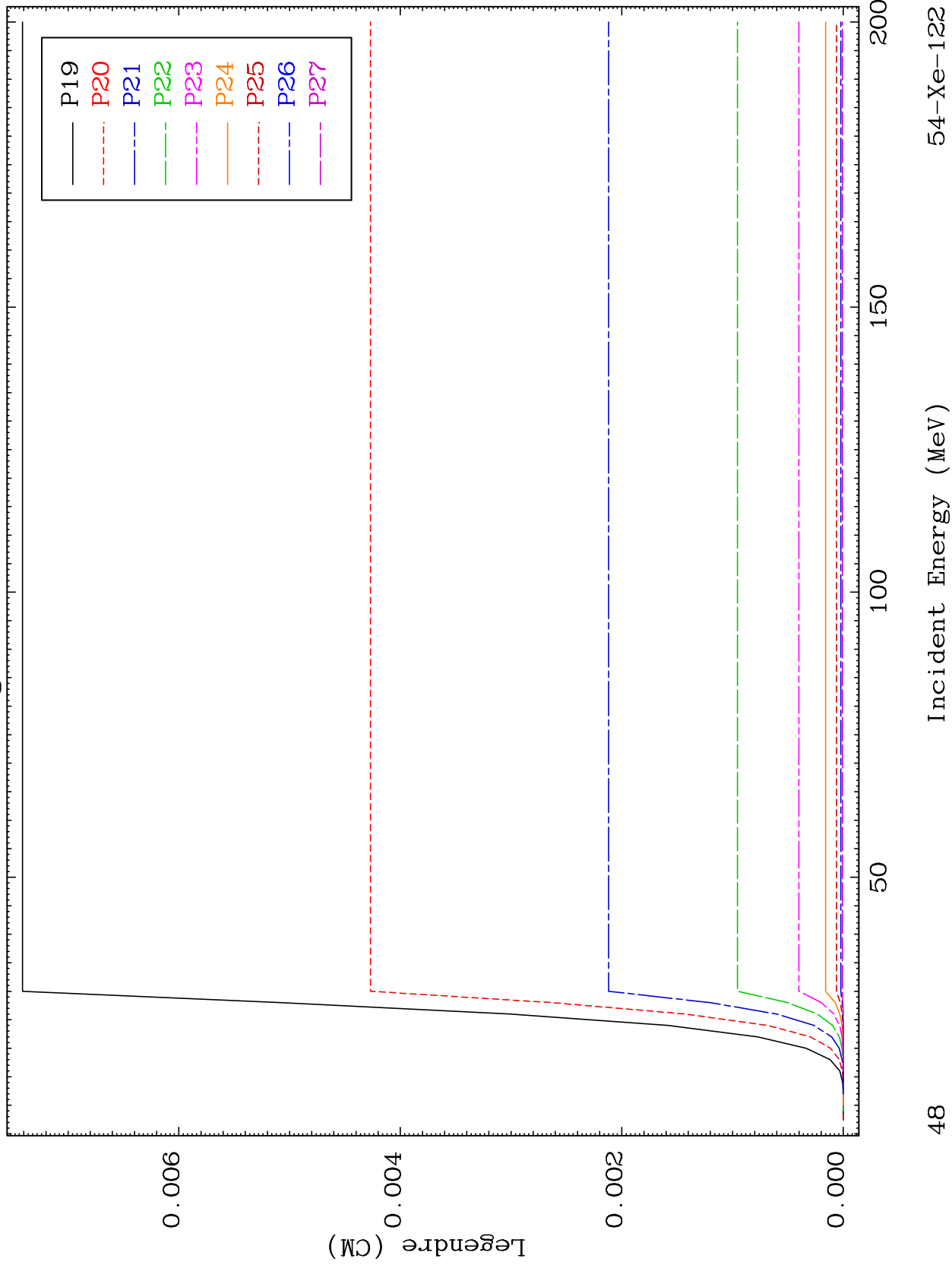
54-Xe-122



MAT 5419

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

54-Xe-122



48

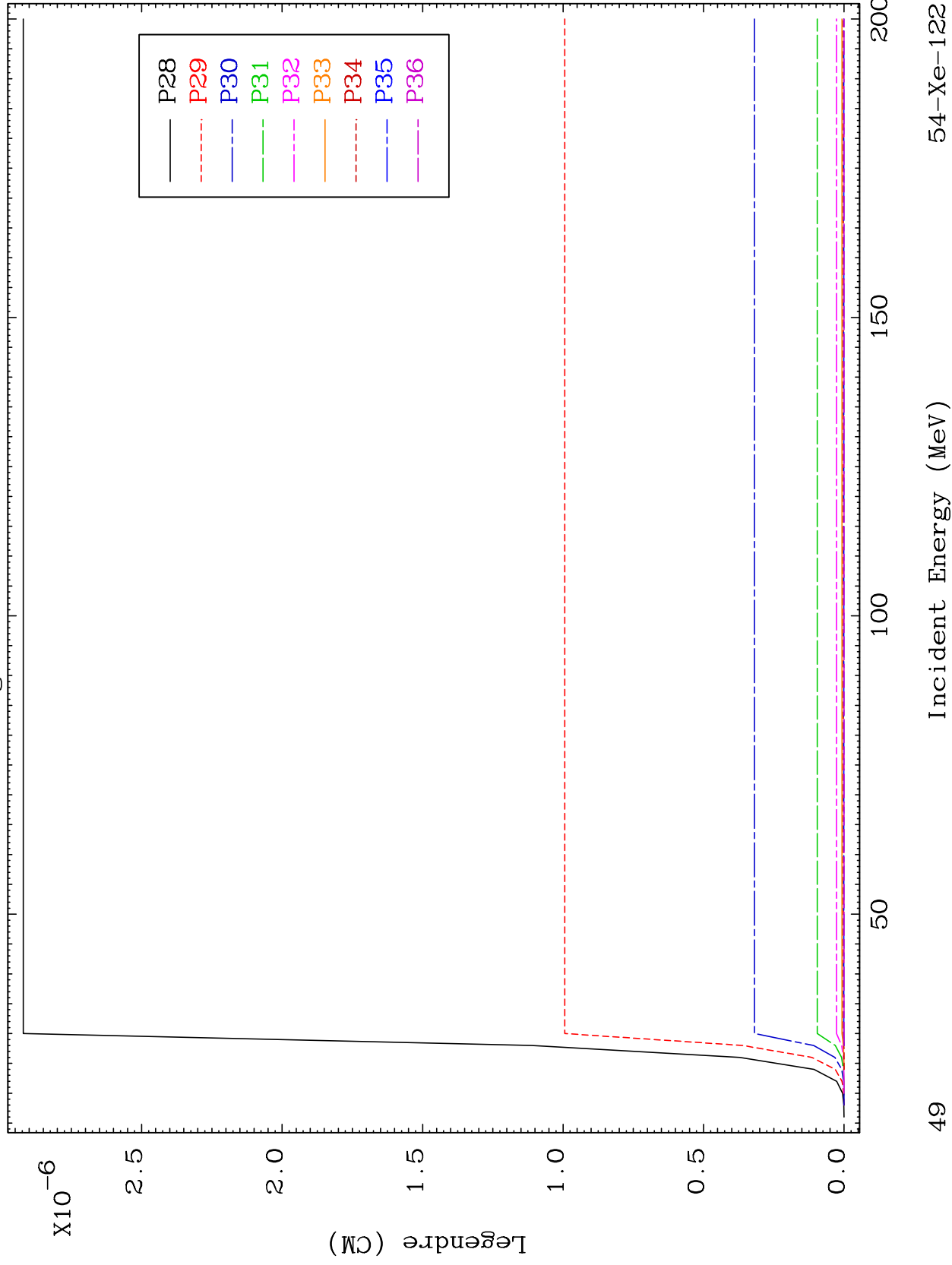
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

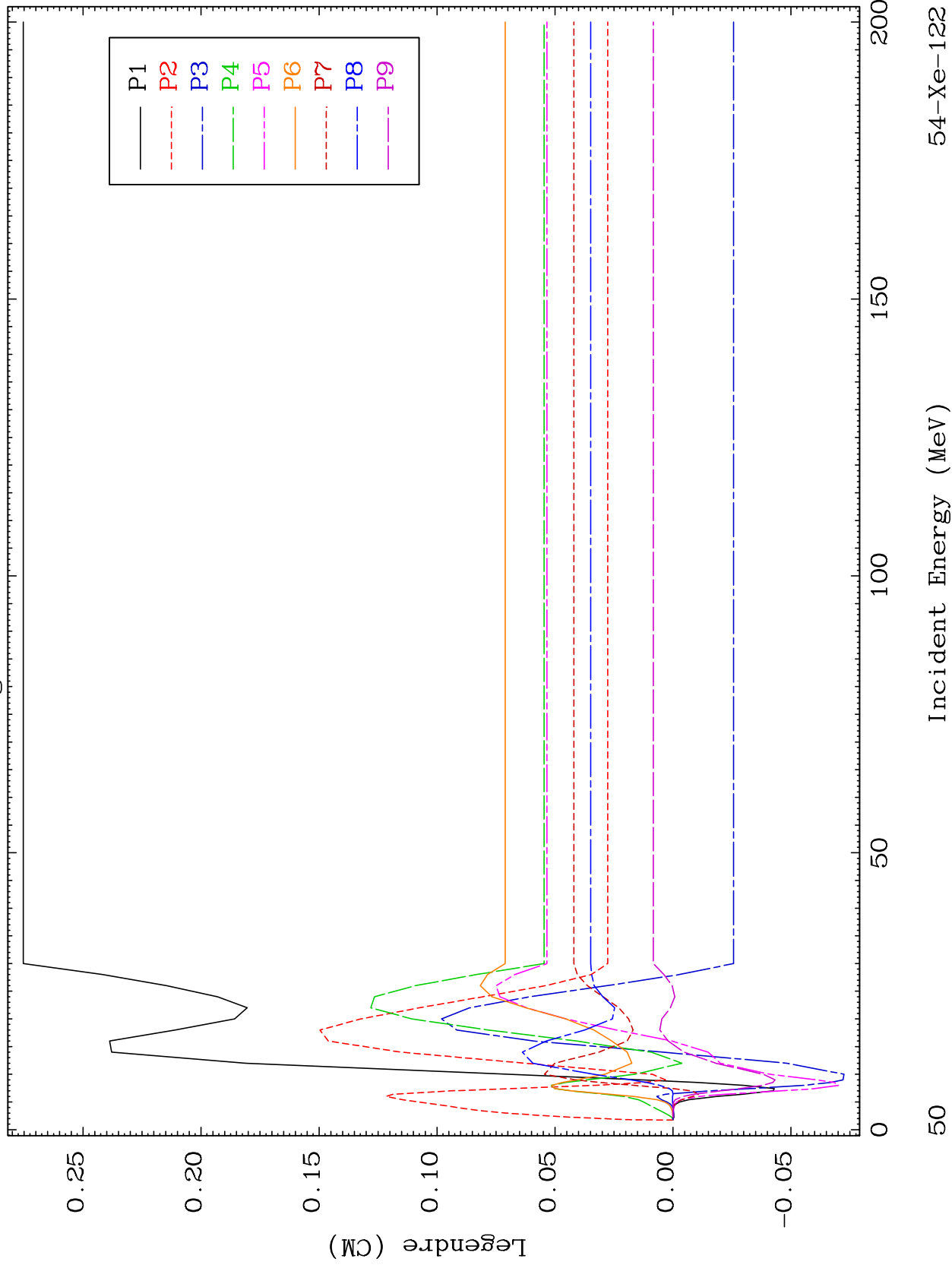


49

MAT 5419

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

54-Xe-122



54-Xe-122

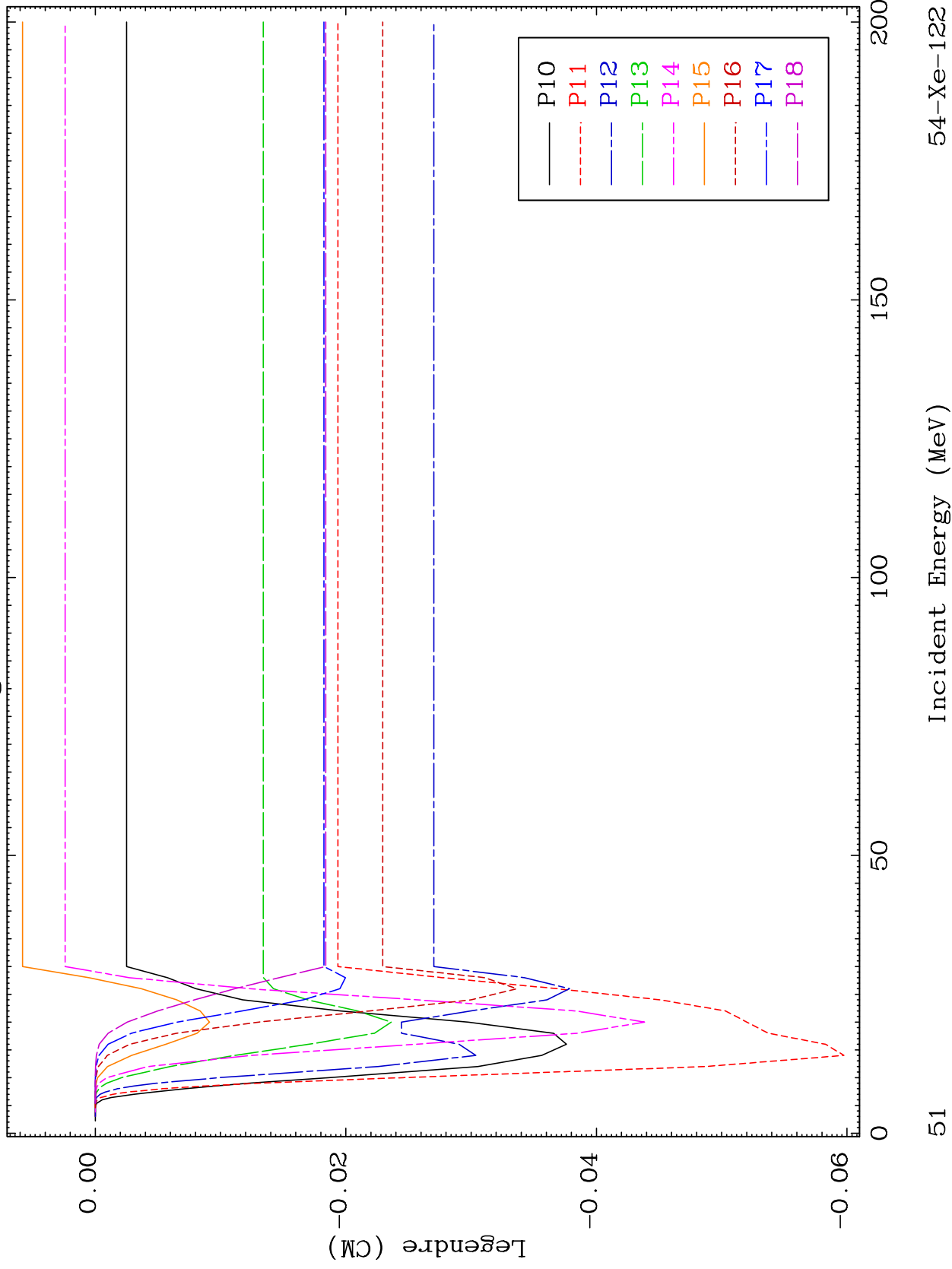
Incident Energy (MeV)

MAT 5419

MT= 59 (n,n') Level

54-Xe-122

Legendre Coefficients



51

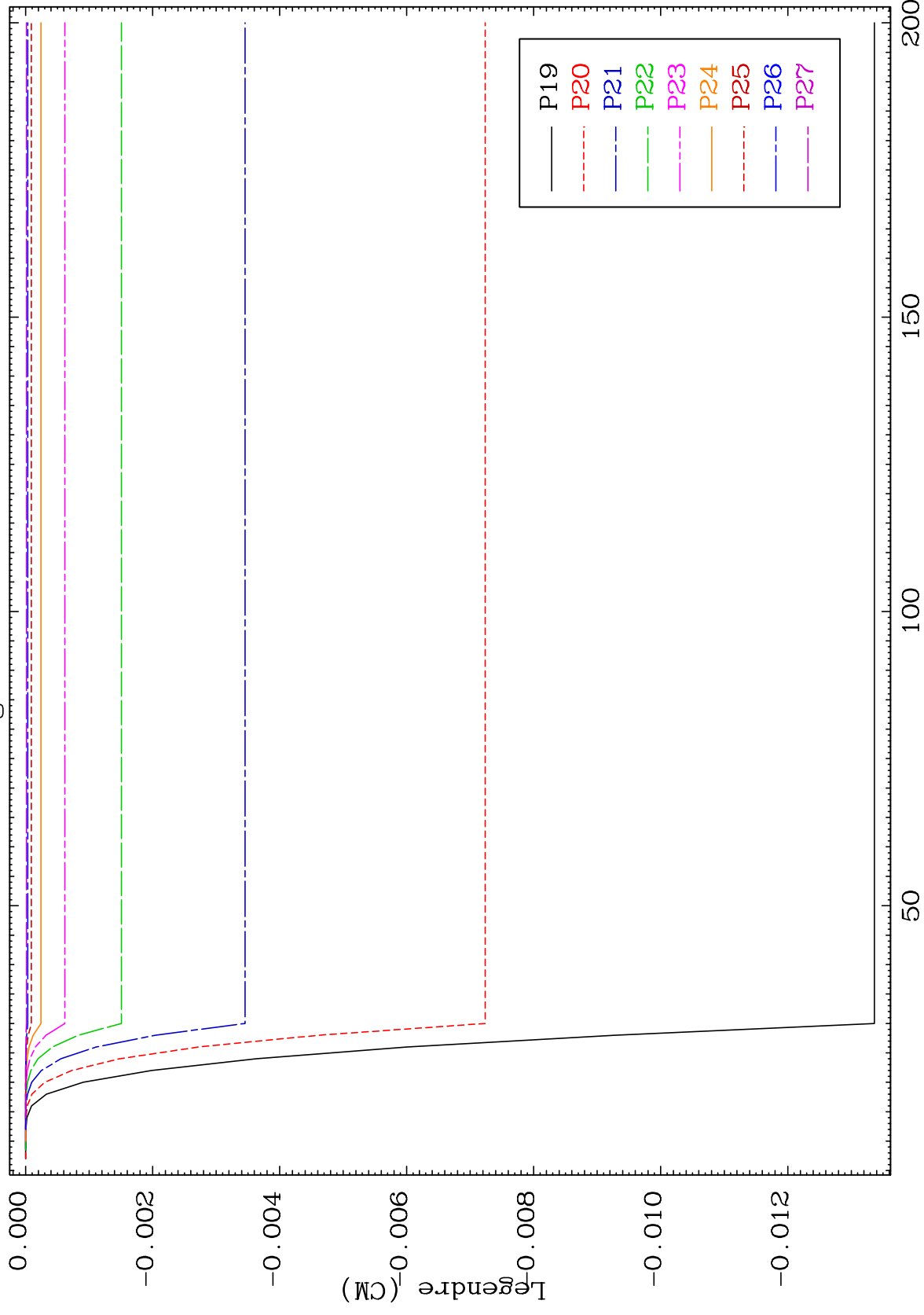
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

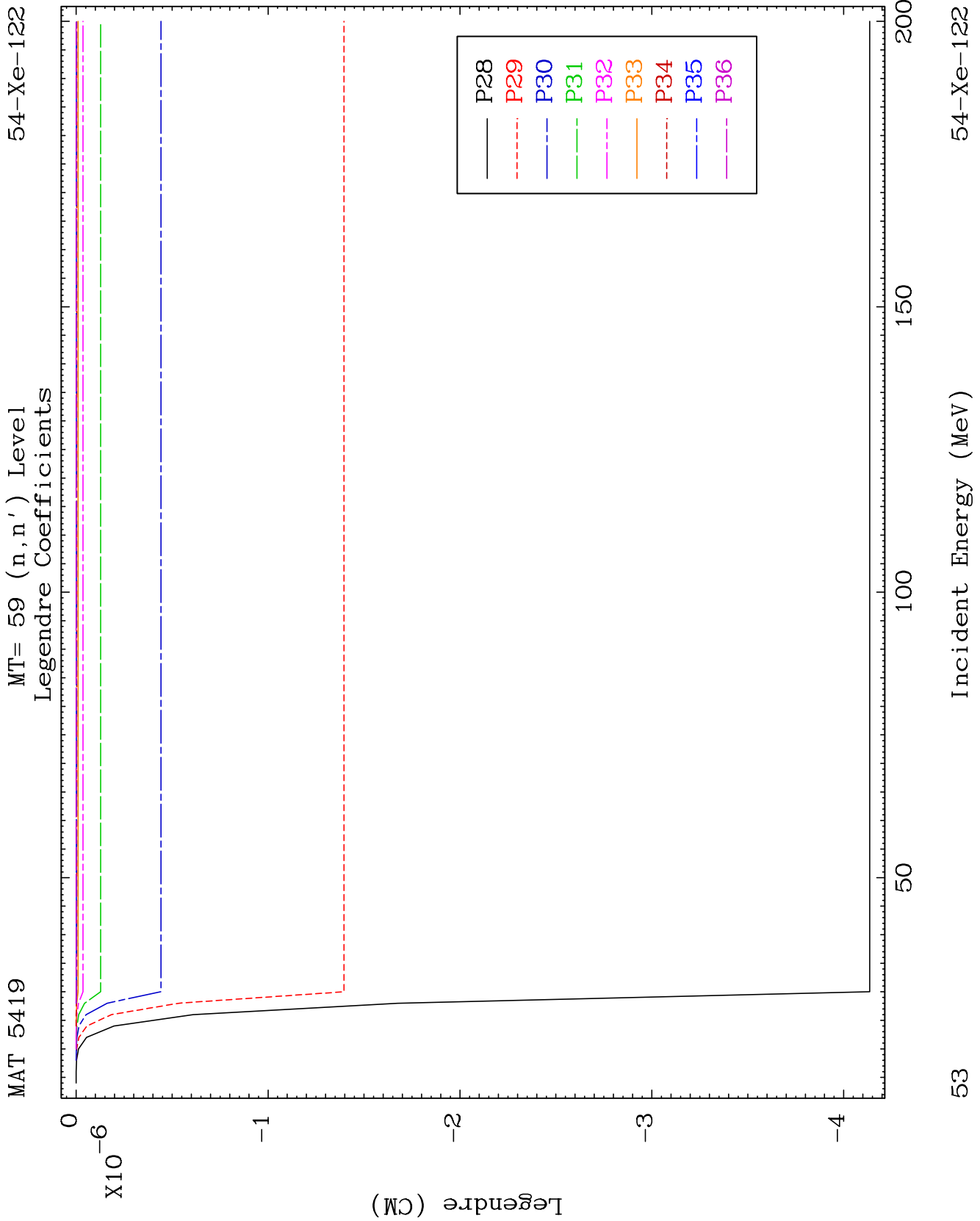
54-Xe-122



52

Incident Energy (MeV)

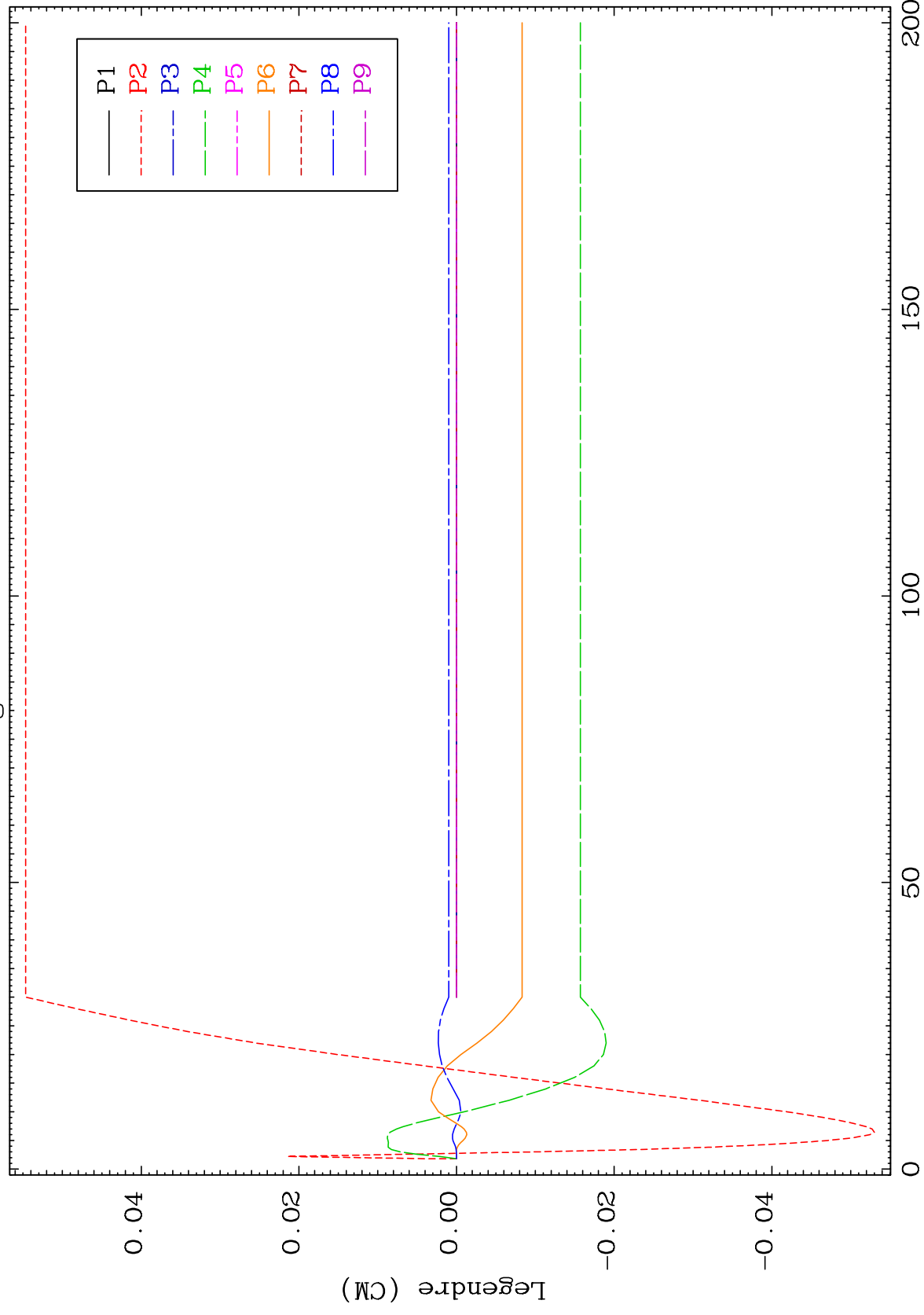
54-Xe-122



MAT 5419

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

54-Xe-122



54

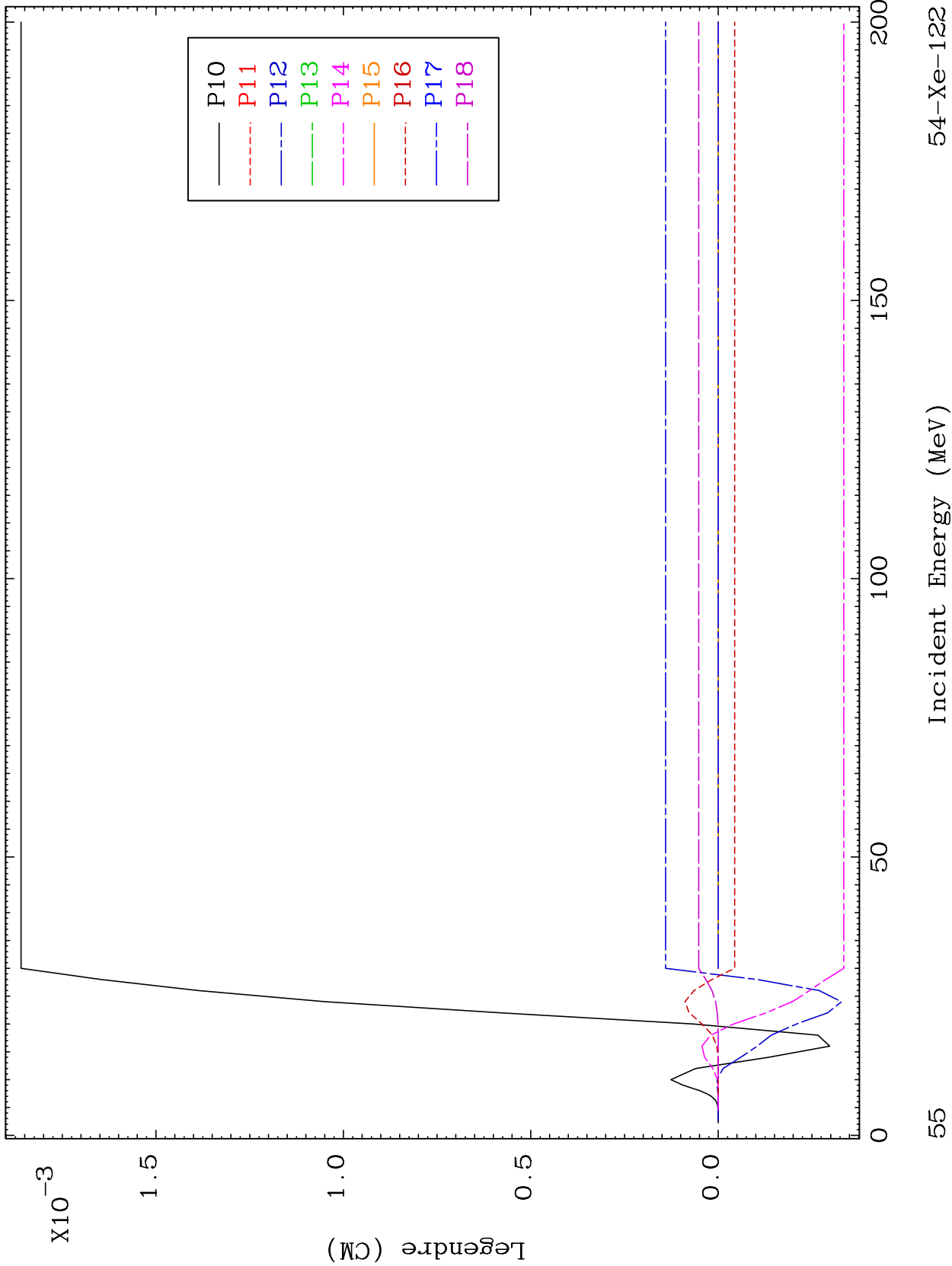
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

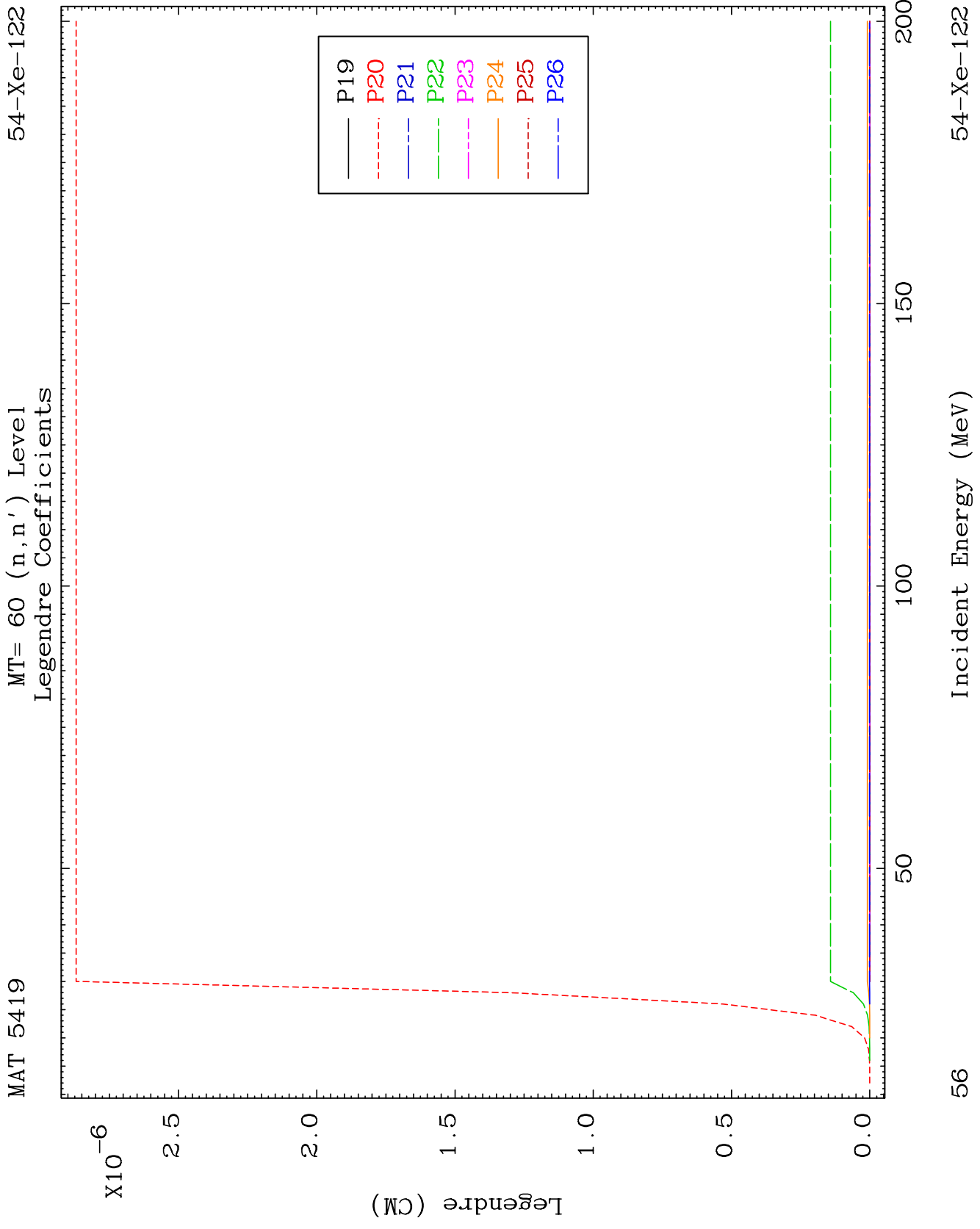
54-Xe-122



55

Incident Energy (MeV)

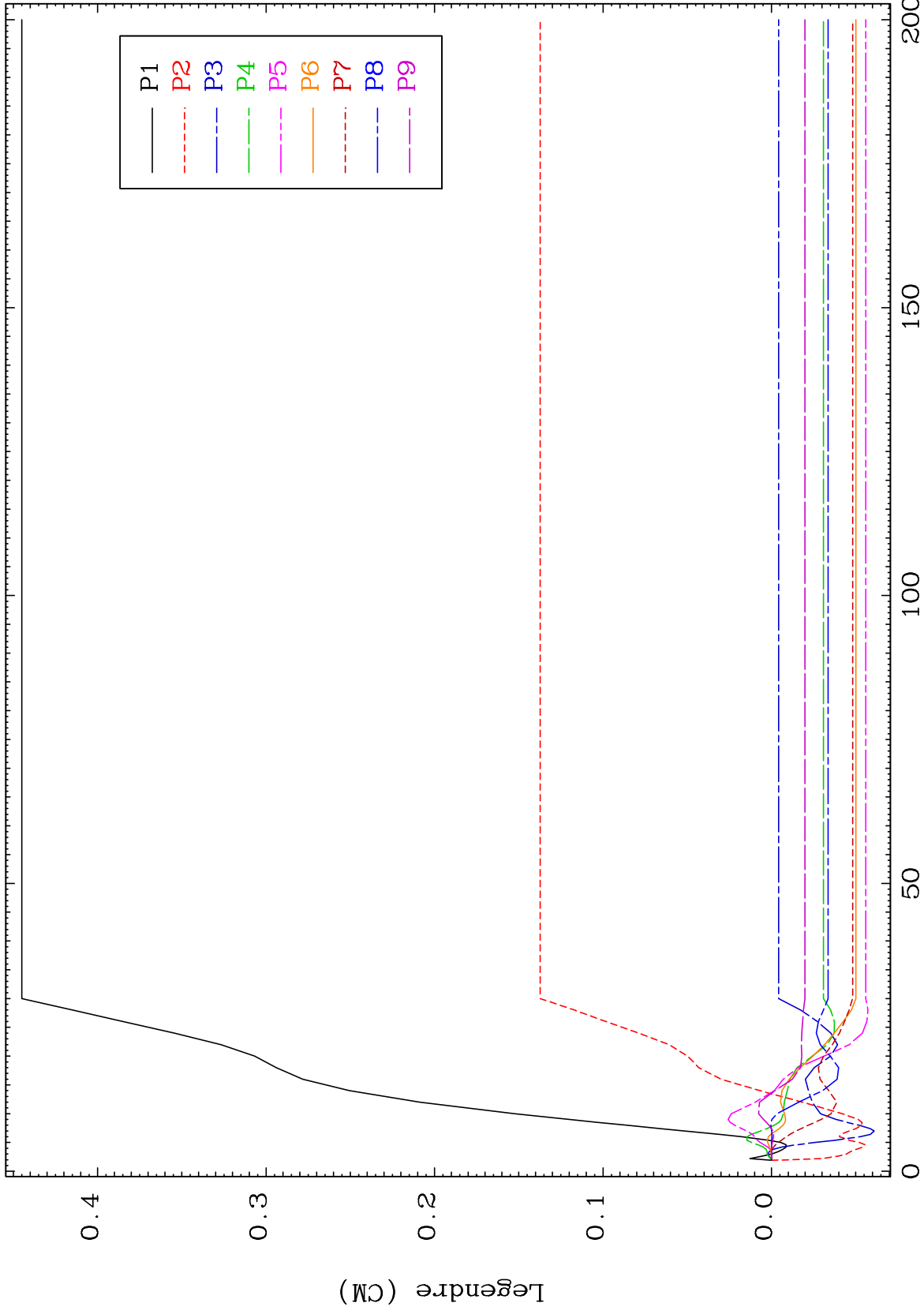
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

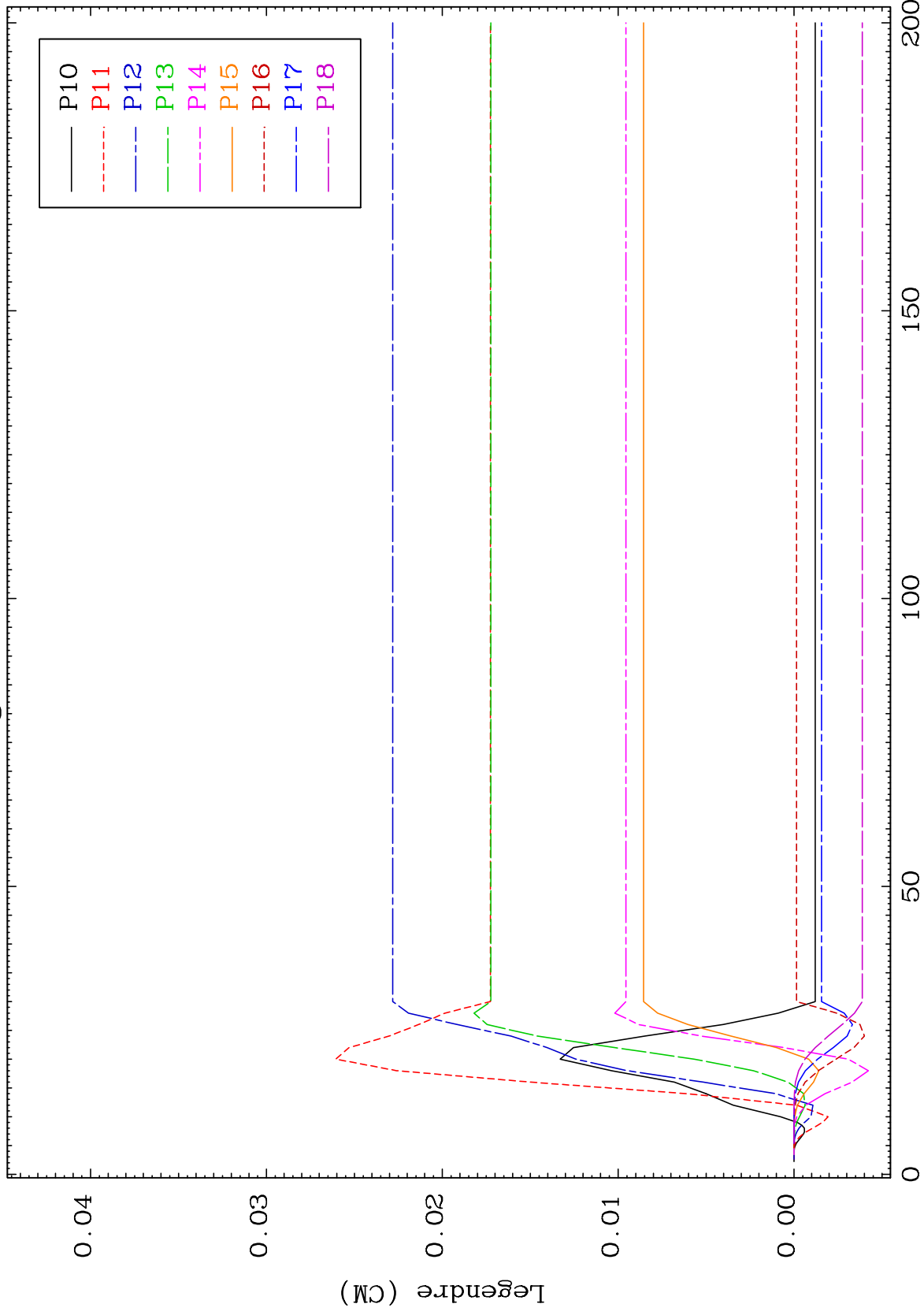
Incident Energy (MeV)

57

MAT 5419

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

54-Xe-122



58

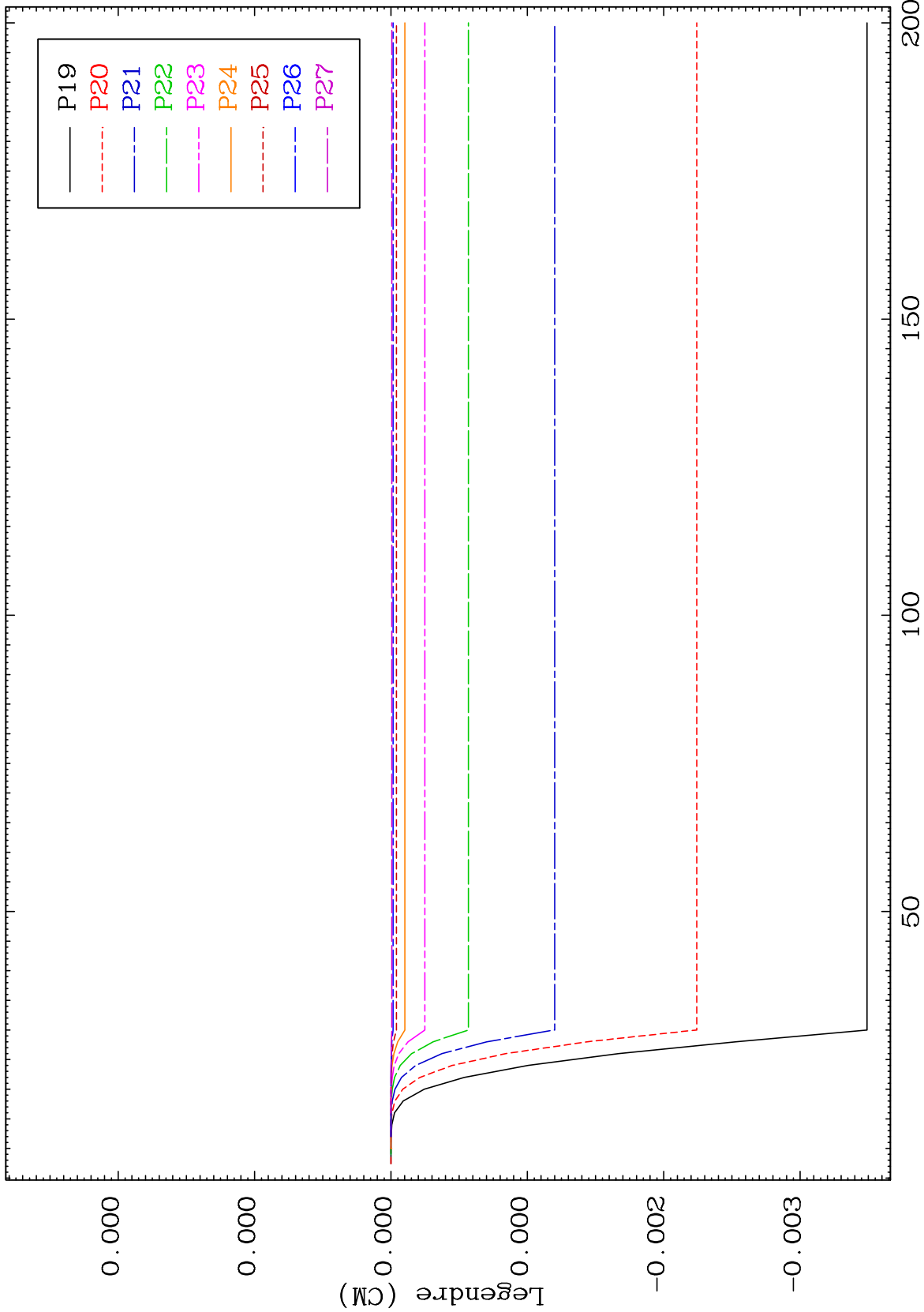
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

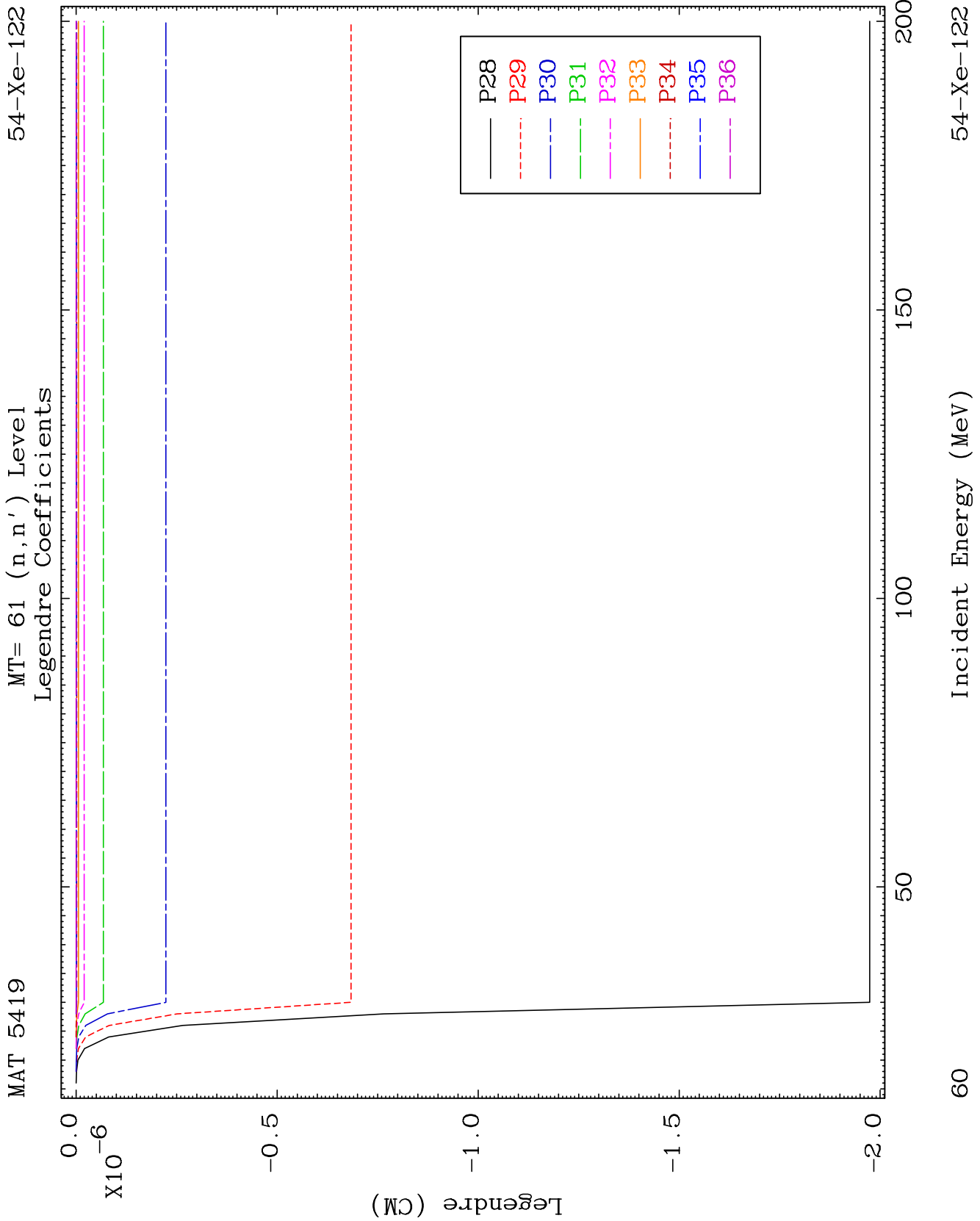
54-Xe-122



59

Incident Energy (MeV)

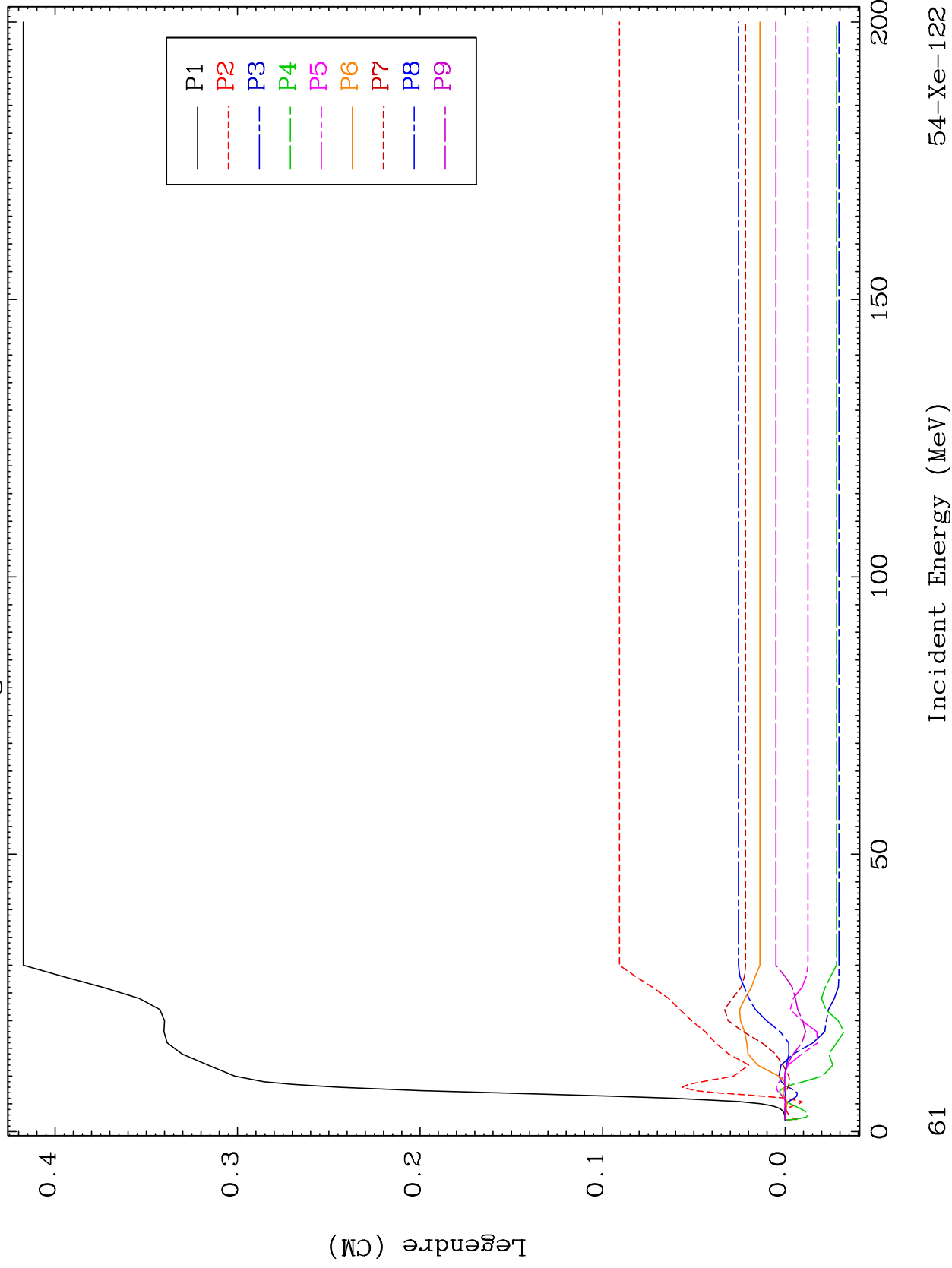
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

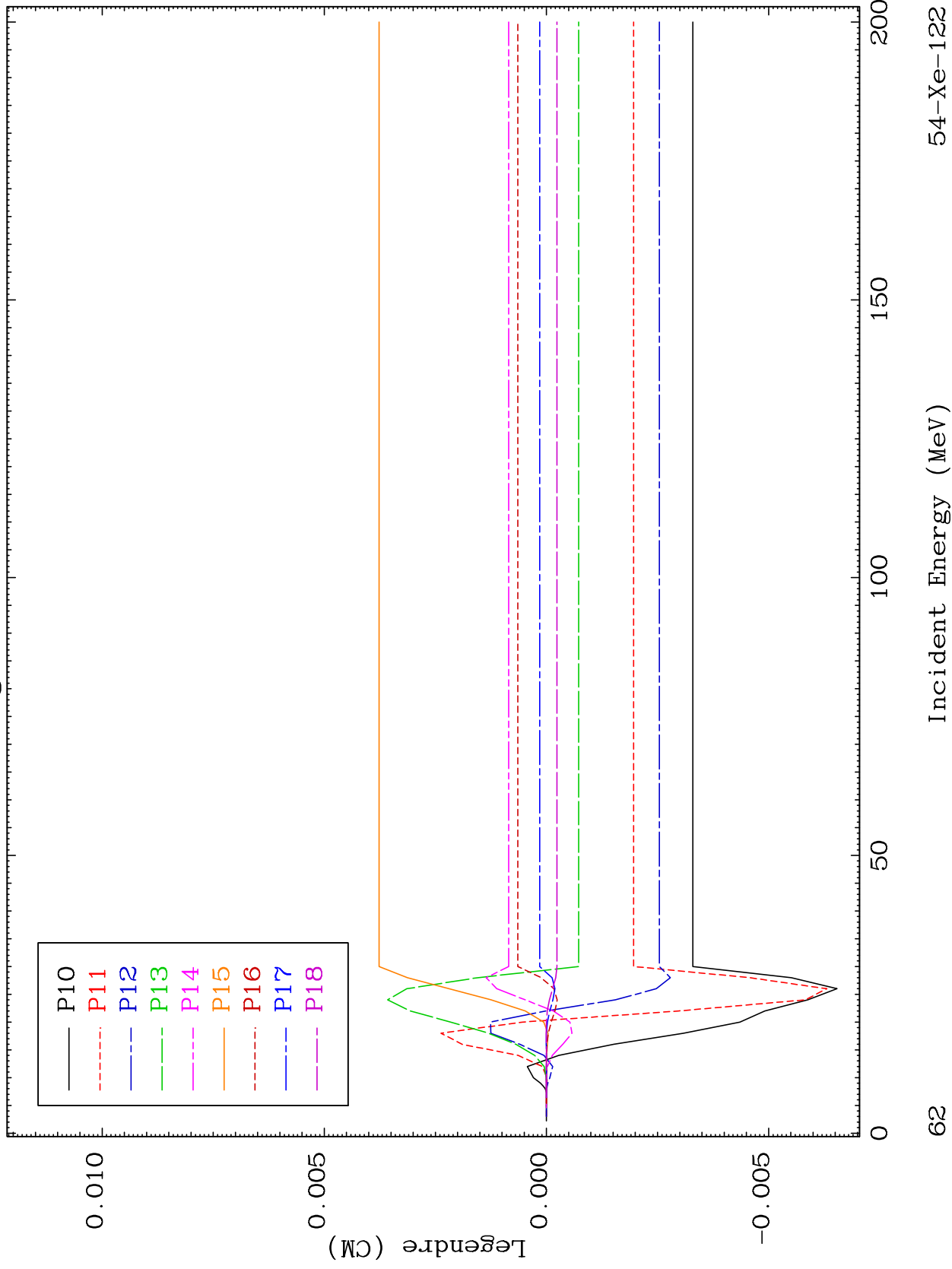
Incident Energy (MeV)

61

MAT 5419

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

54-Xe-122



54-Xe-122

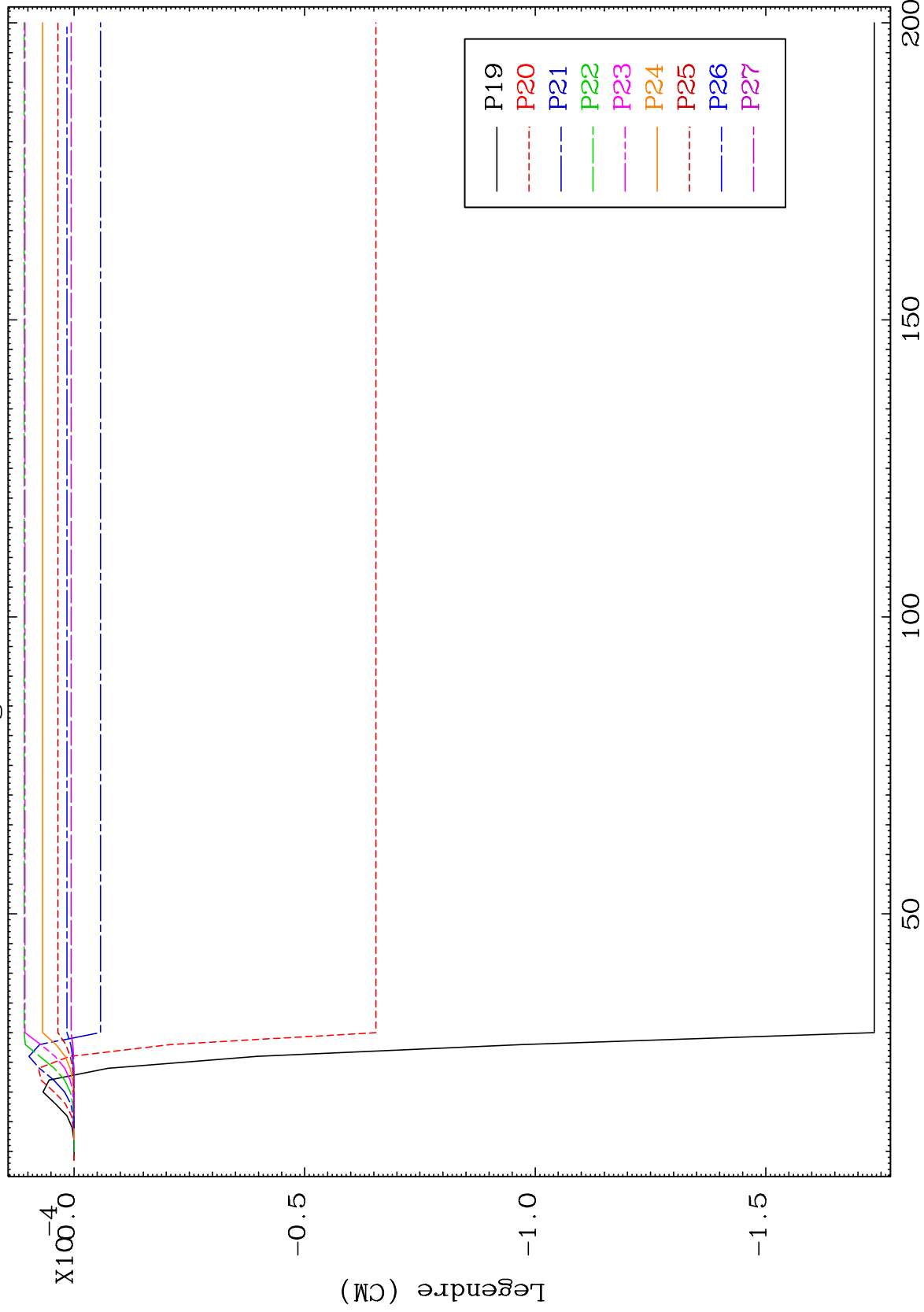
Incident Energy (MeV)

62

MAT 5419

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

54-Xe-122



63

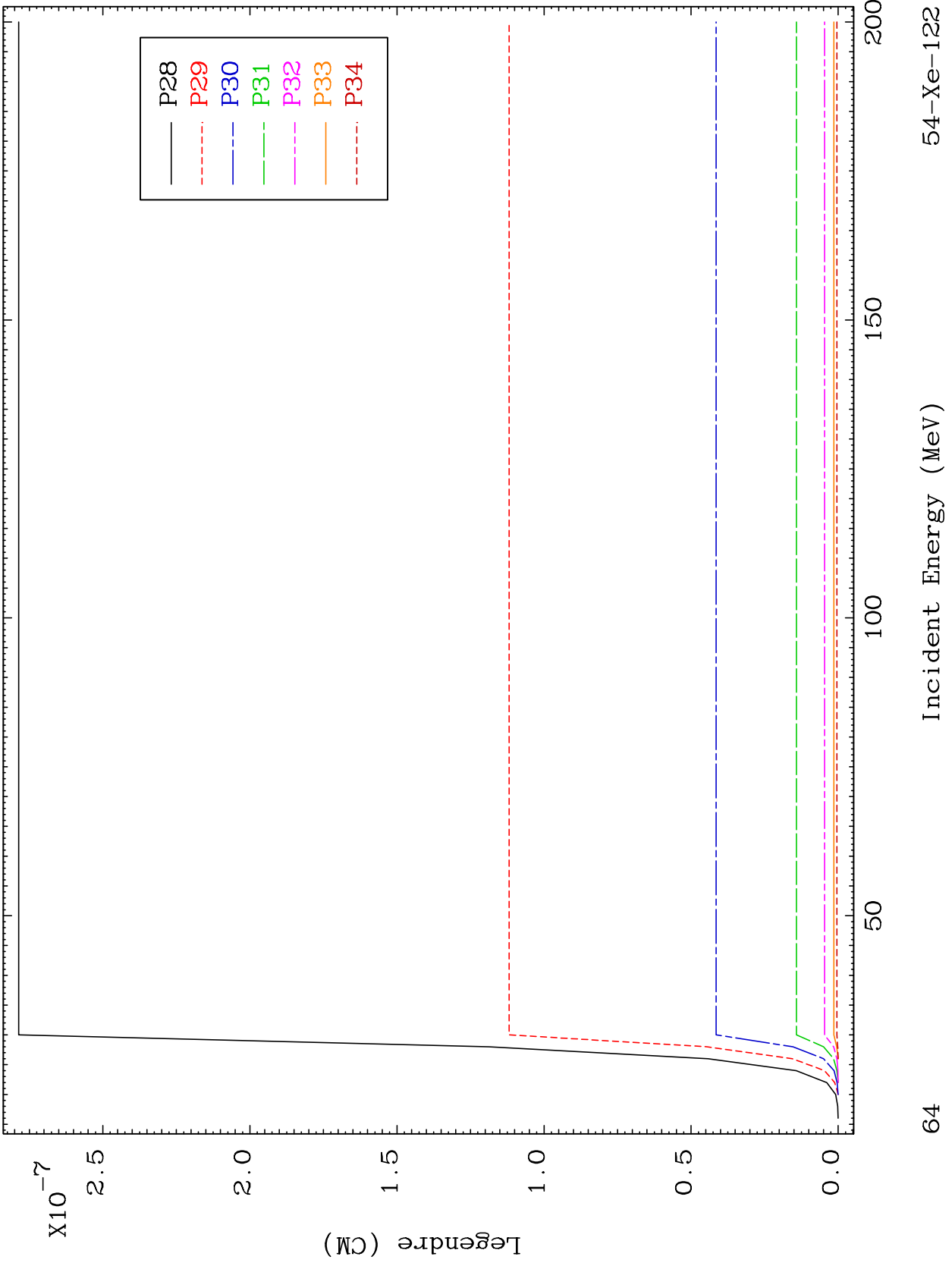
Incident Energy (MeV)

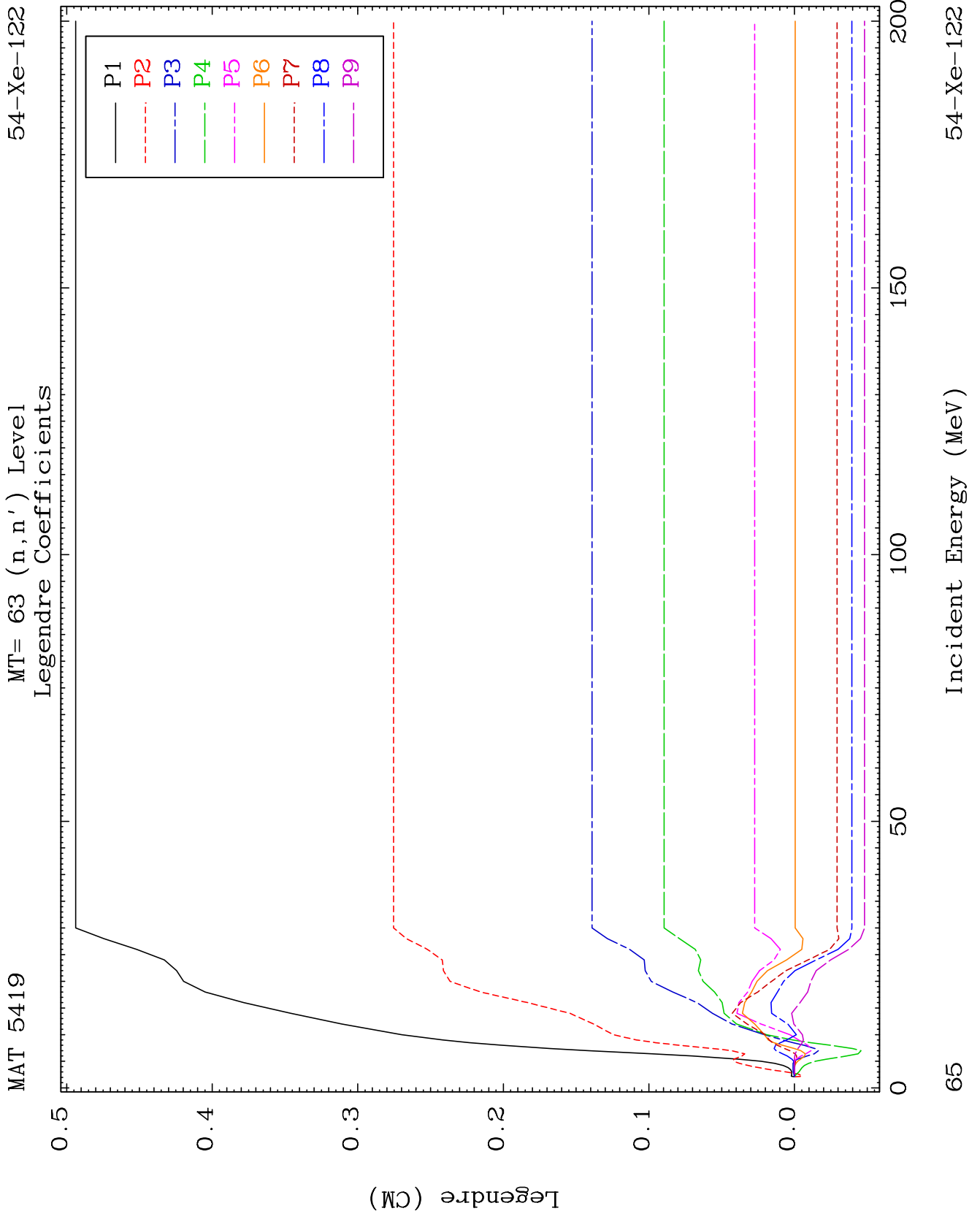
54-Xe-122

MAT 5419

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

54-Xe-122

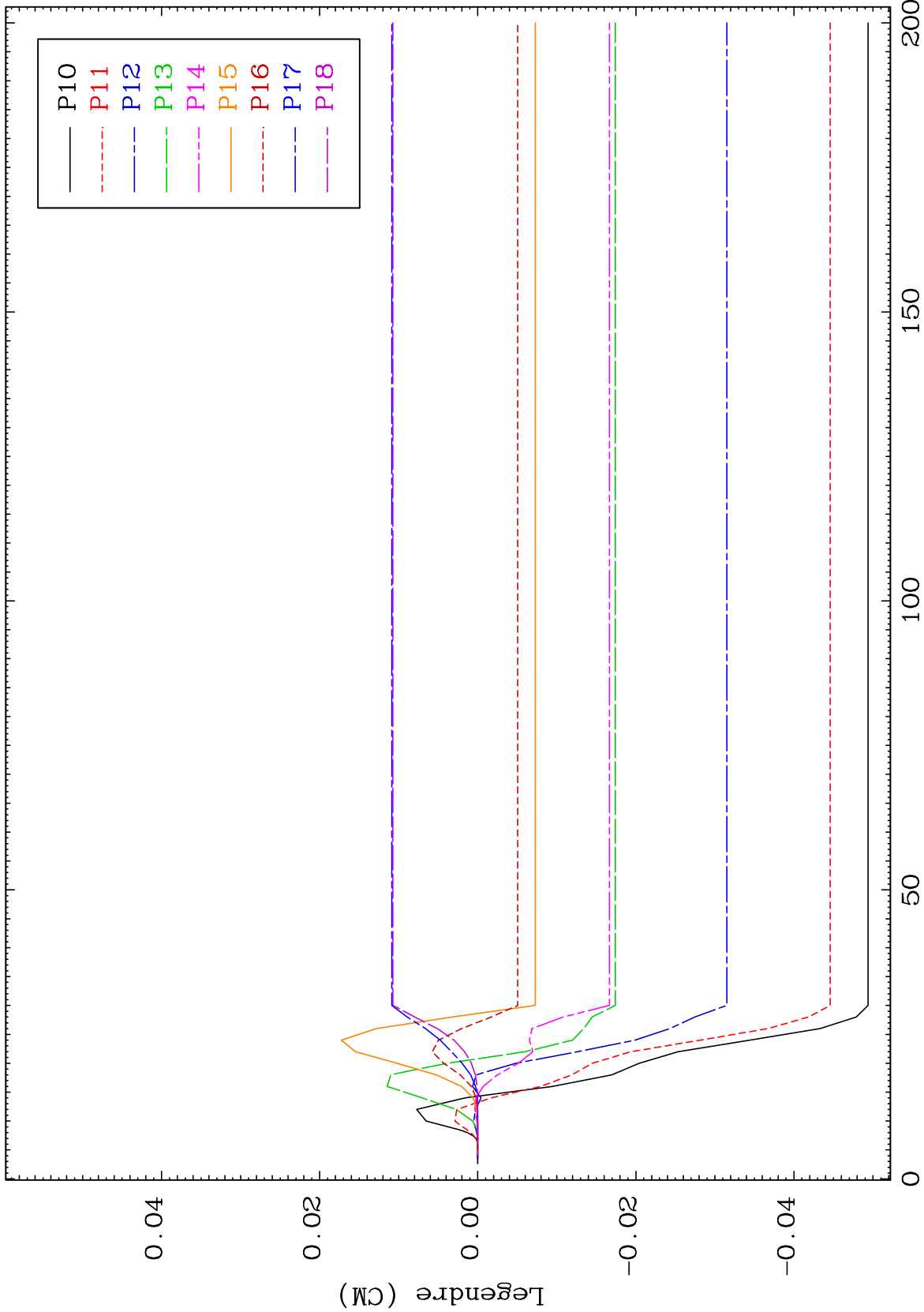




MAT 5419

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

54-Xe-122



66

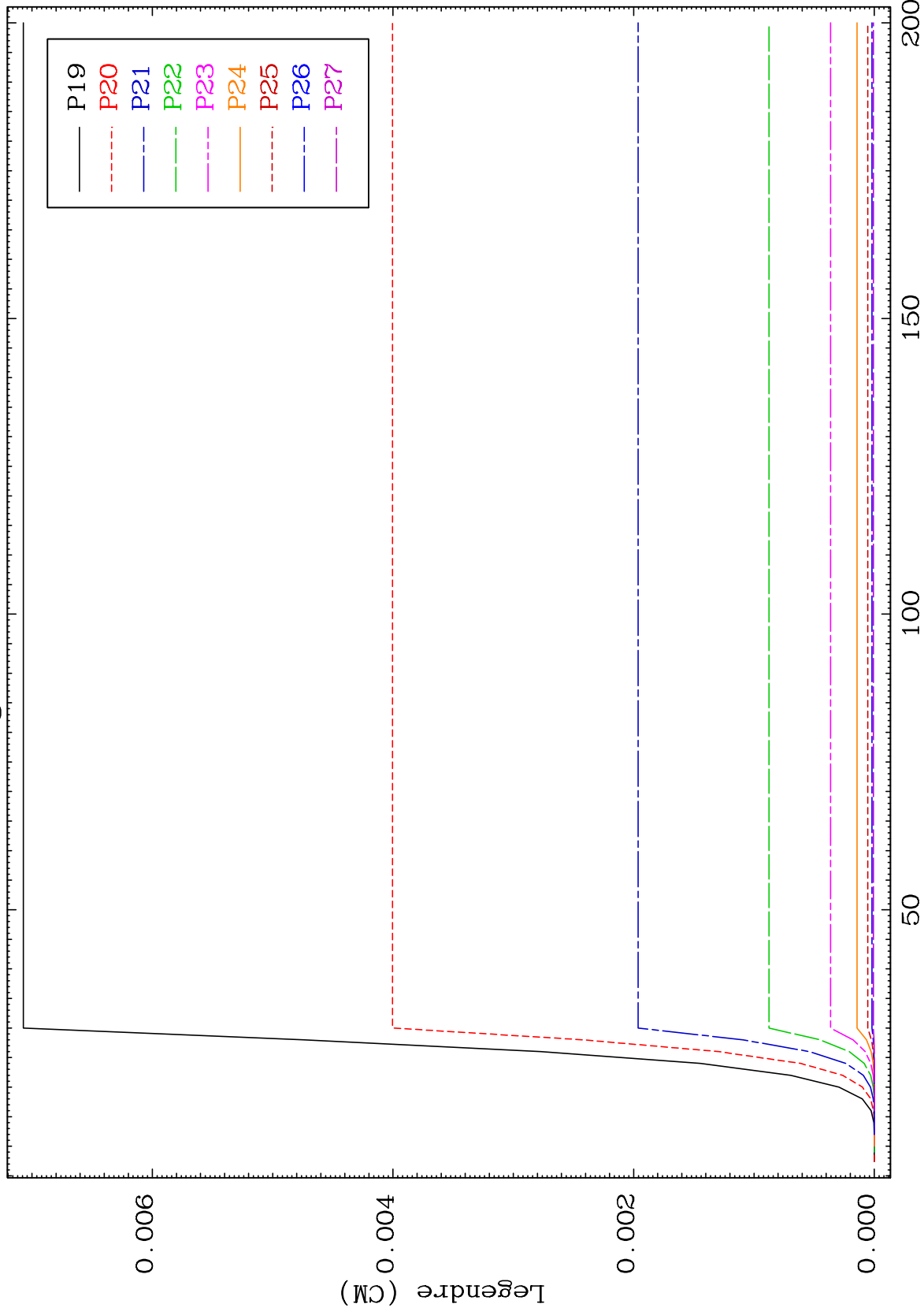
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



67

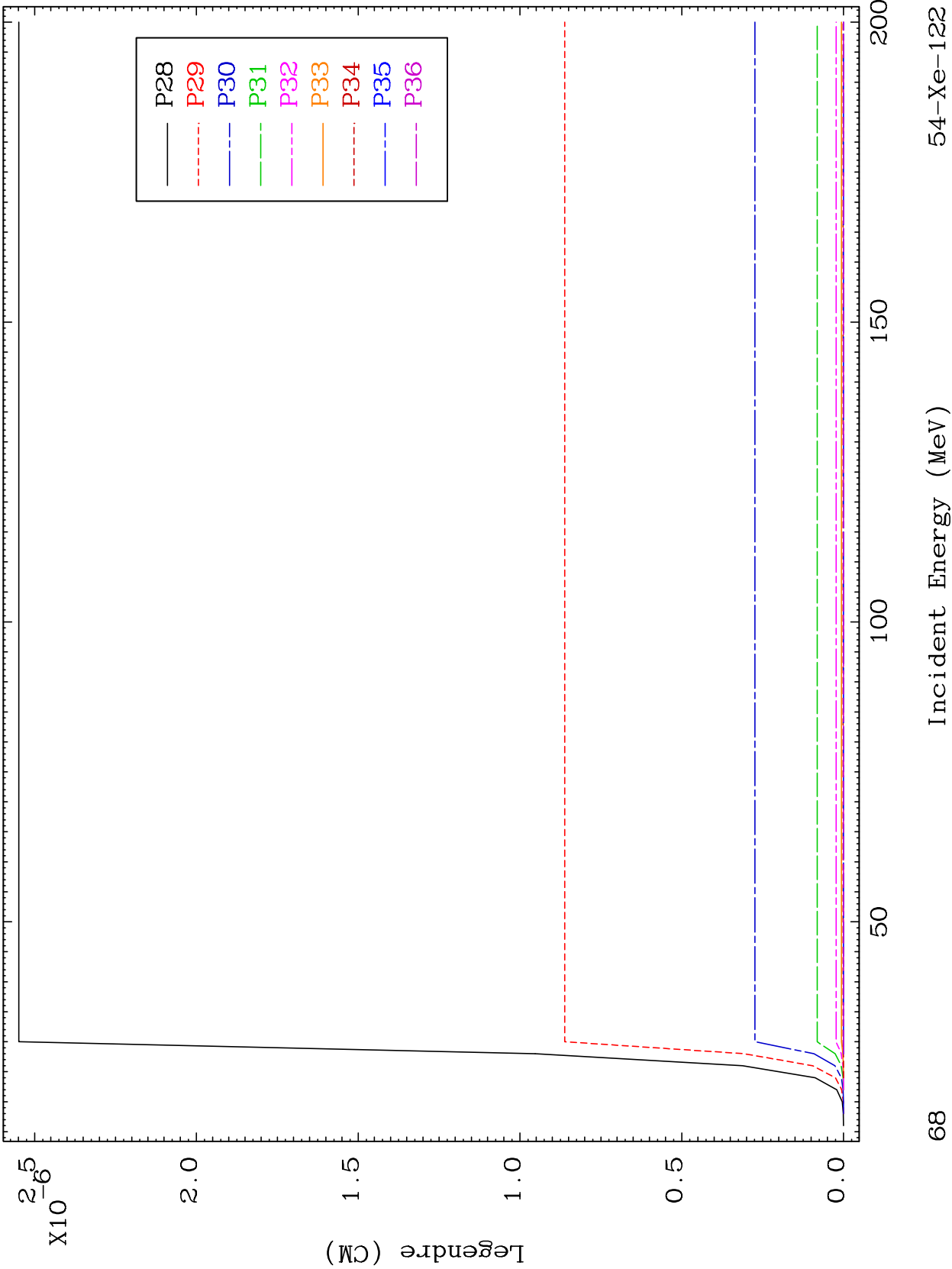
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



68

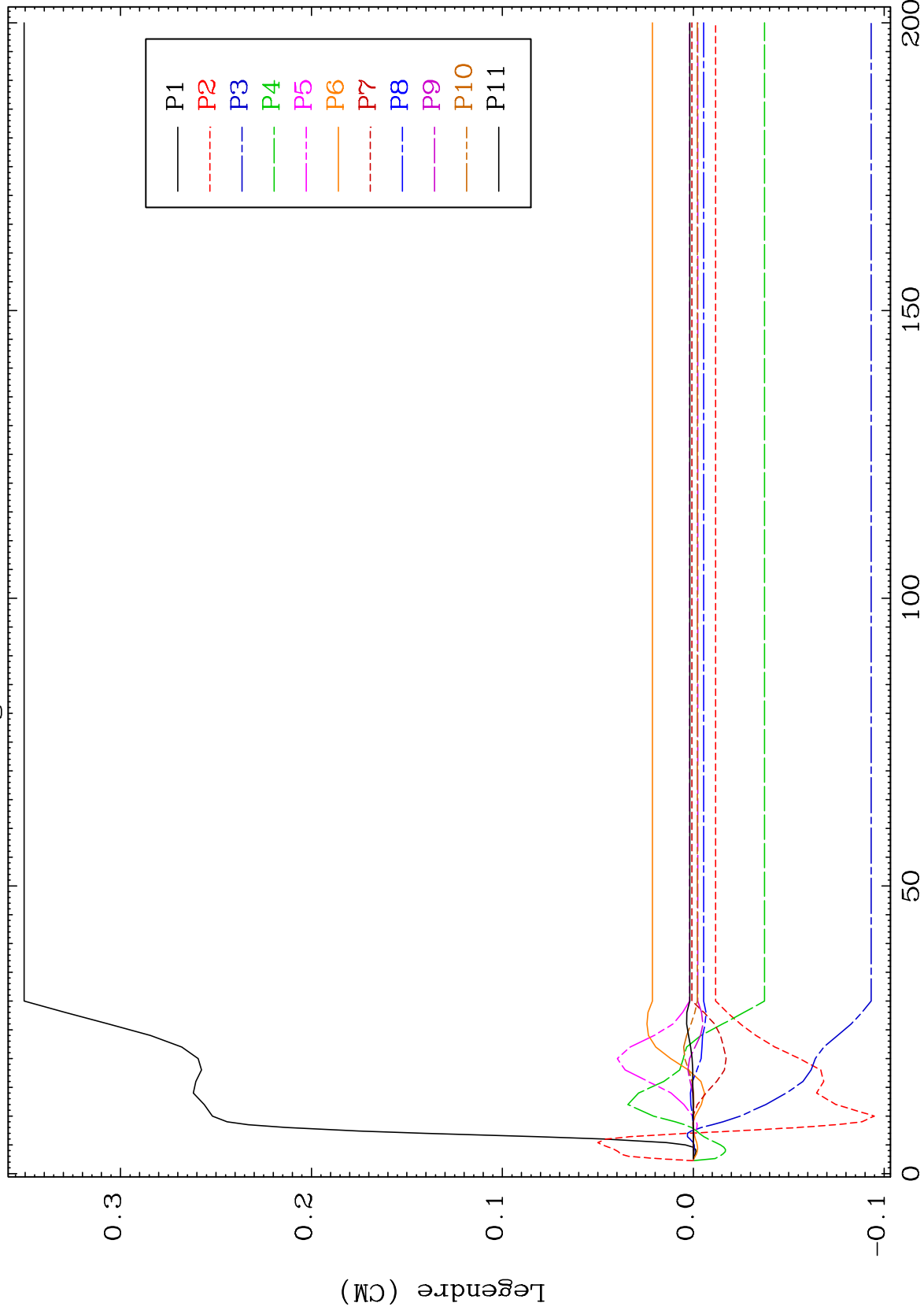
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



69

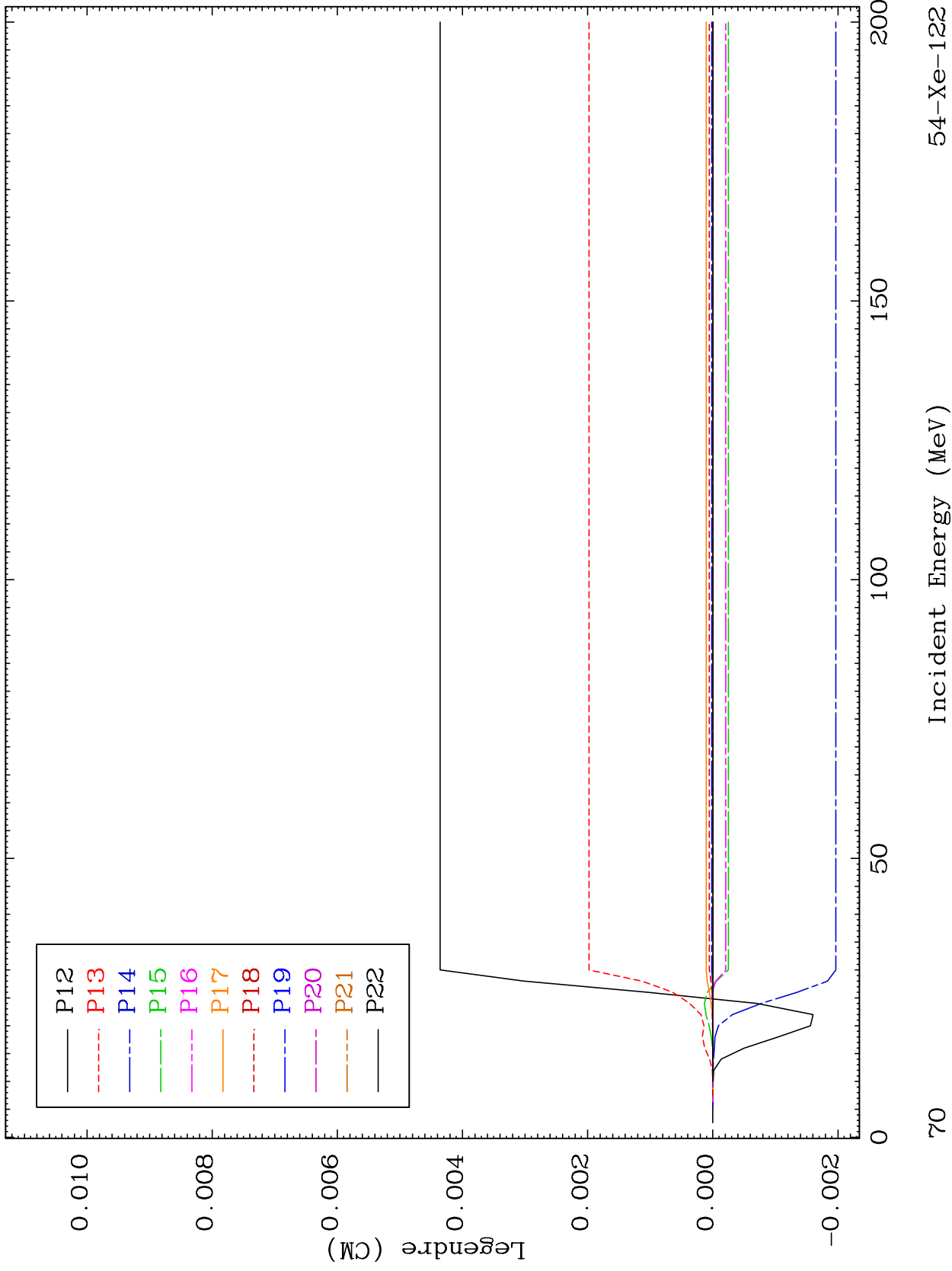
54-Xe-122

54-Xe-122

MAT 5419

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

54-Xe-122



70

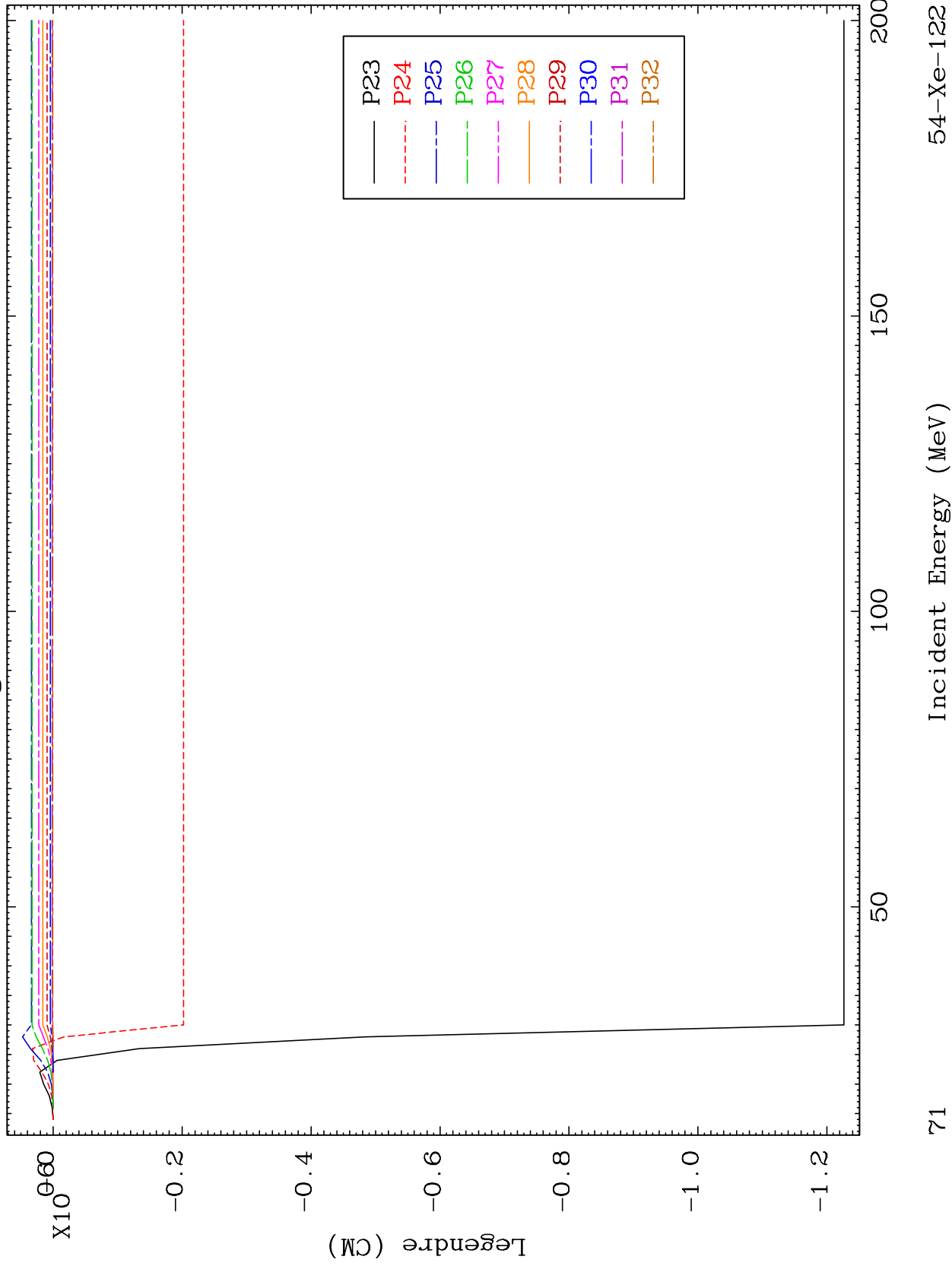
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



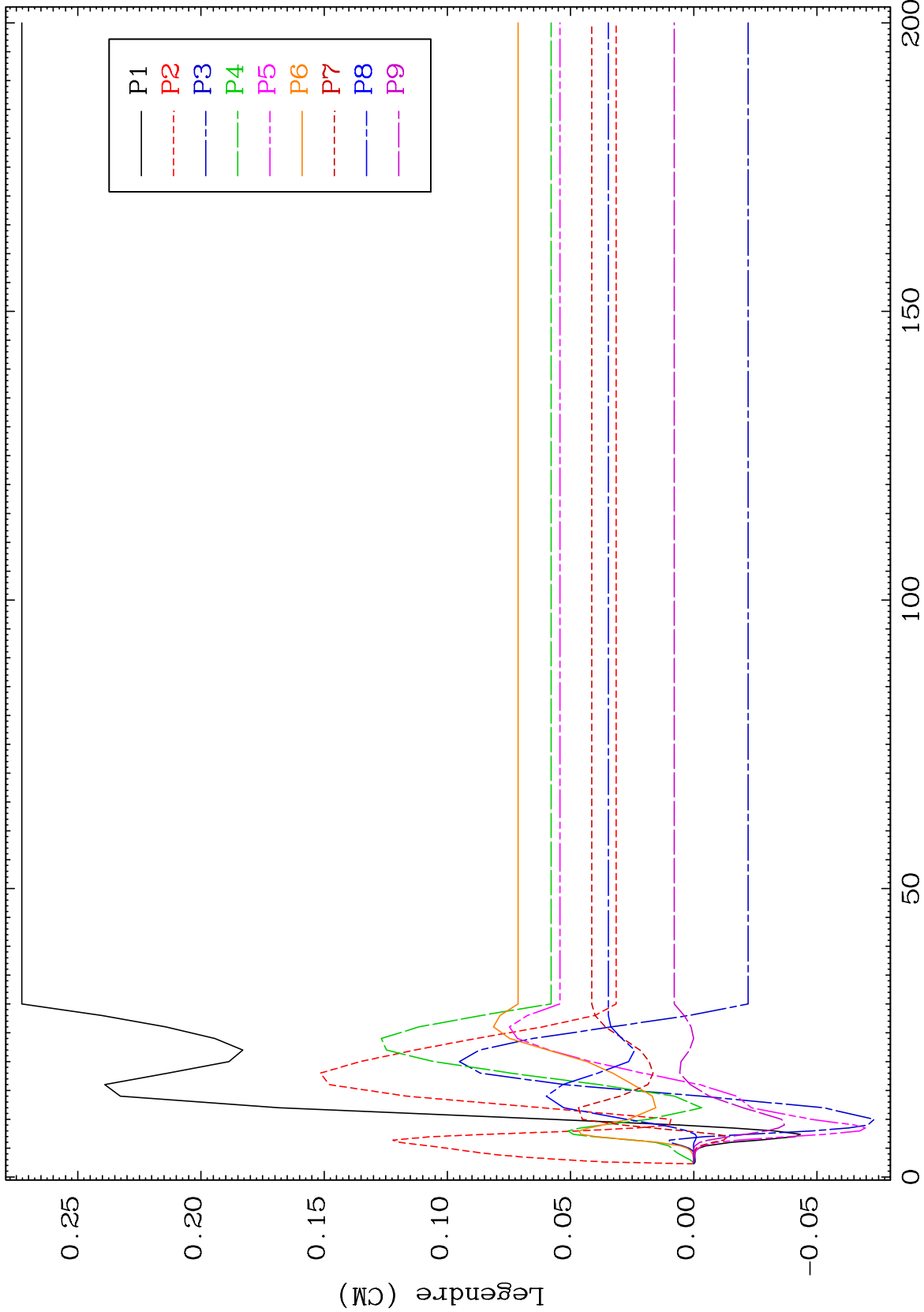
71

54-Xe-122

MAT 5419

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

54-Xe-122



72

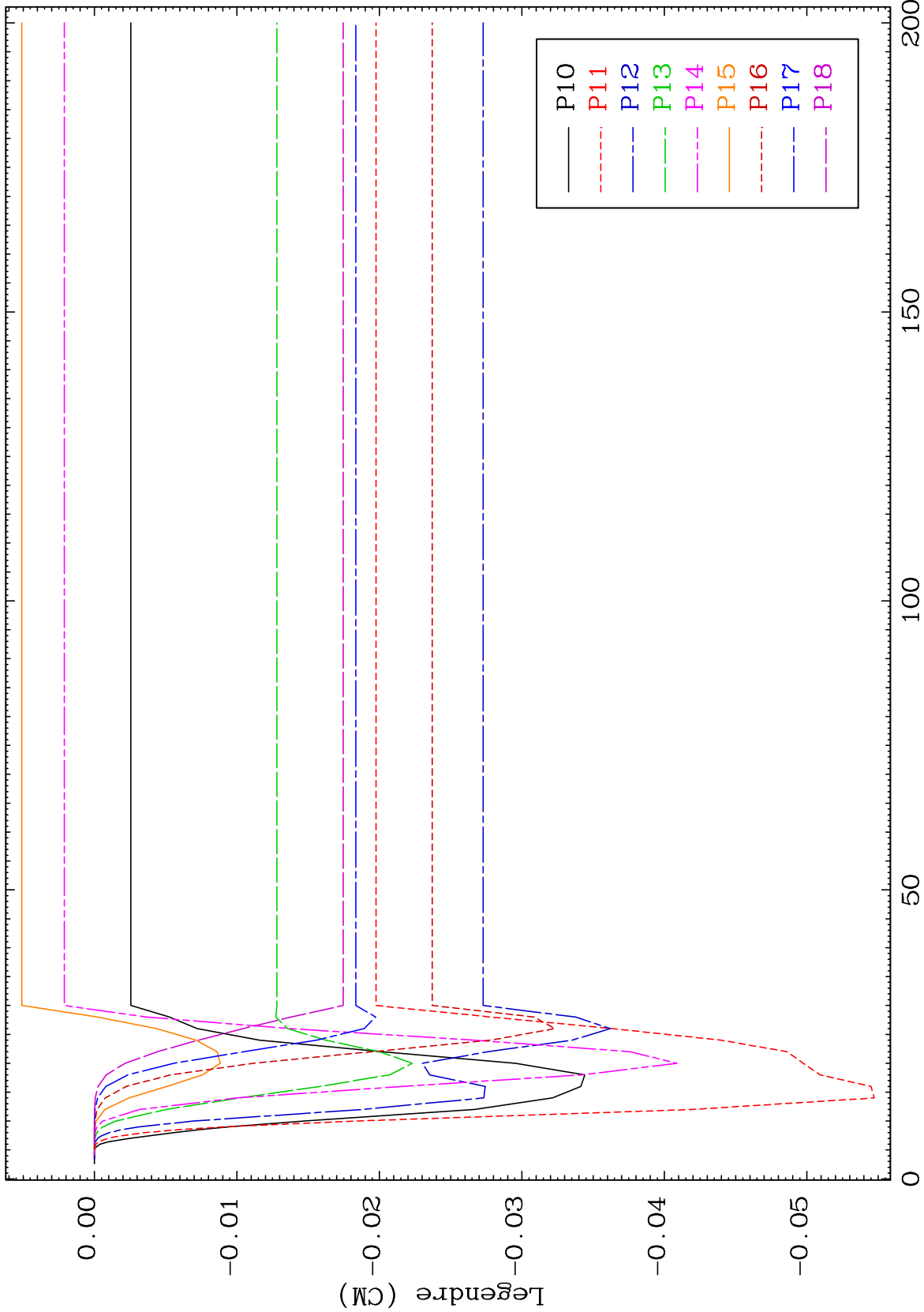
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

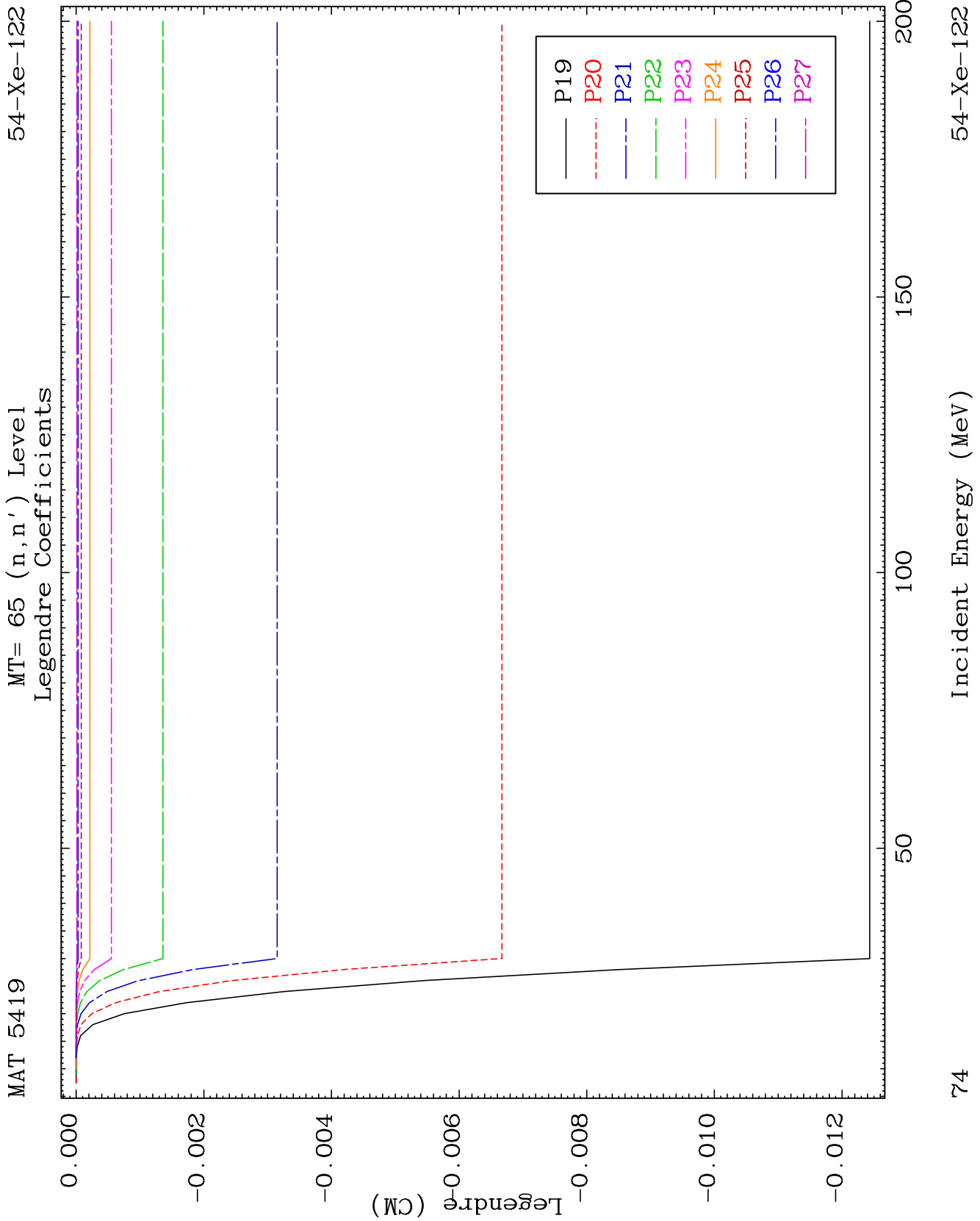
54-Xe-122

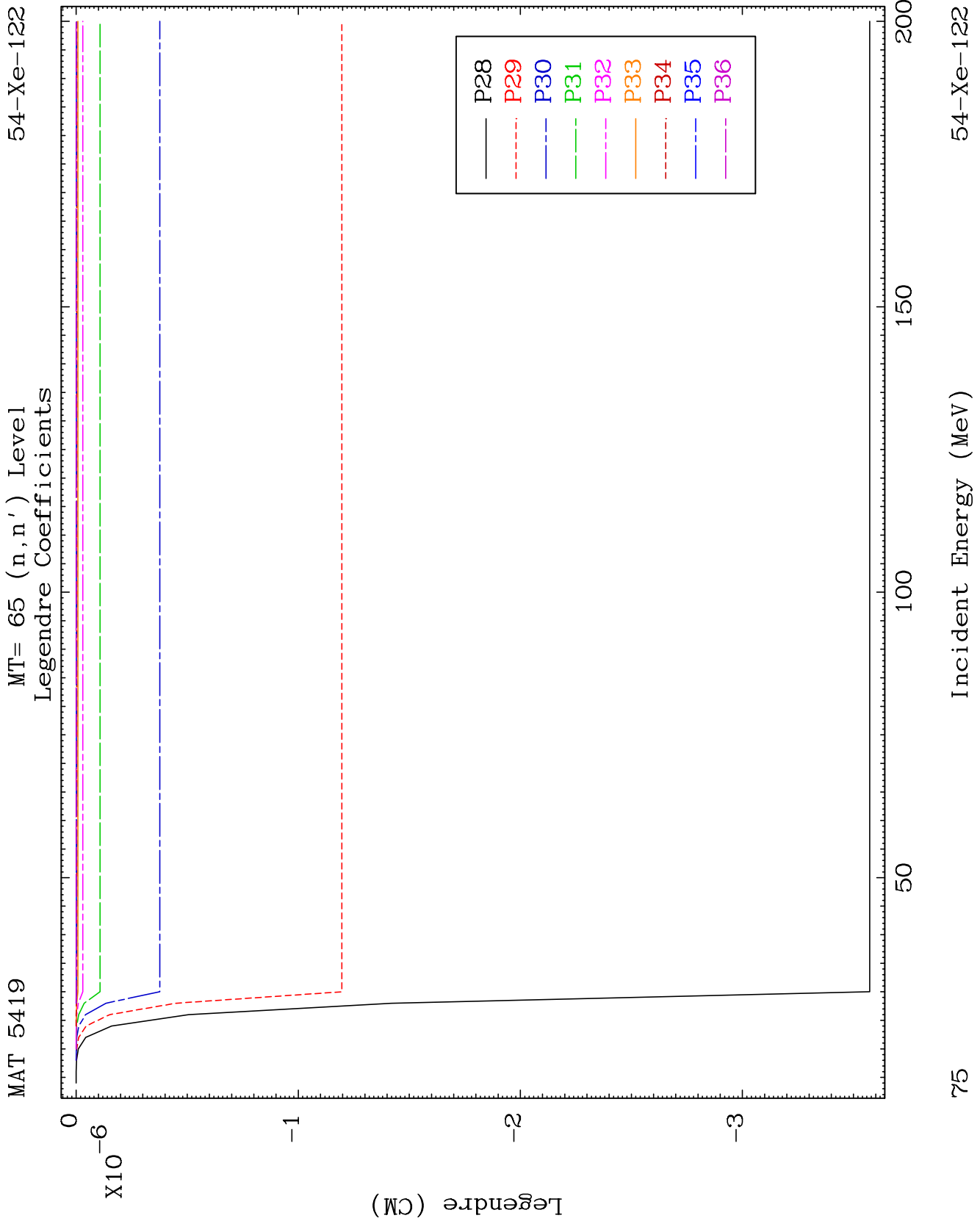


73

Incident Energy (MeV)

54-Xe-122

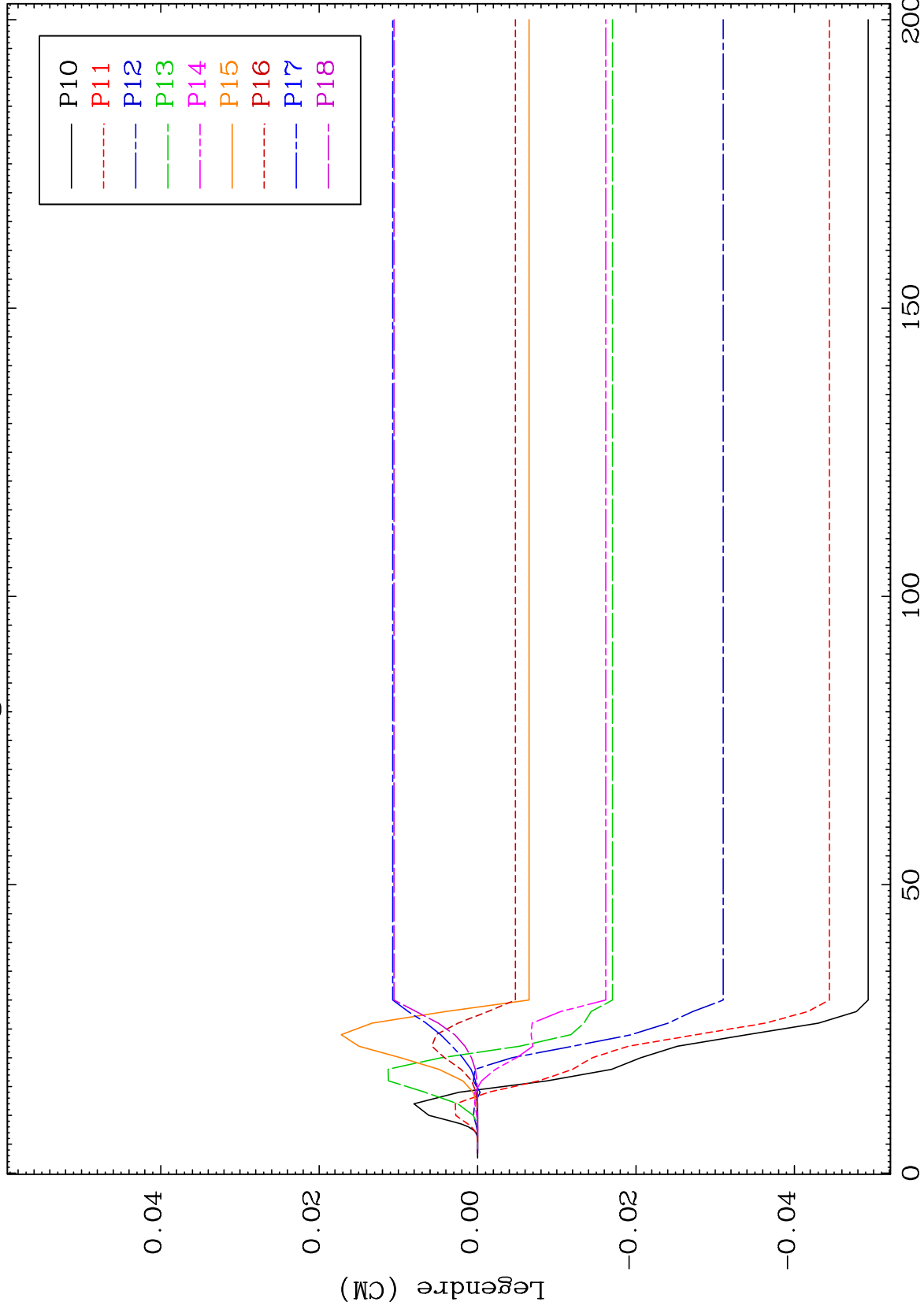




MAT 5419

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

54-Xe-122



77

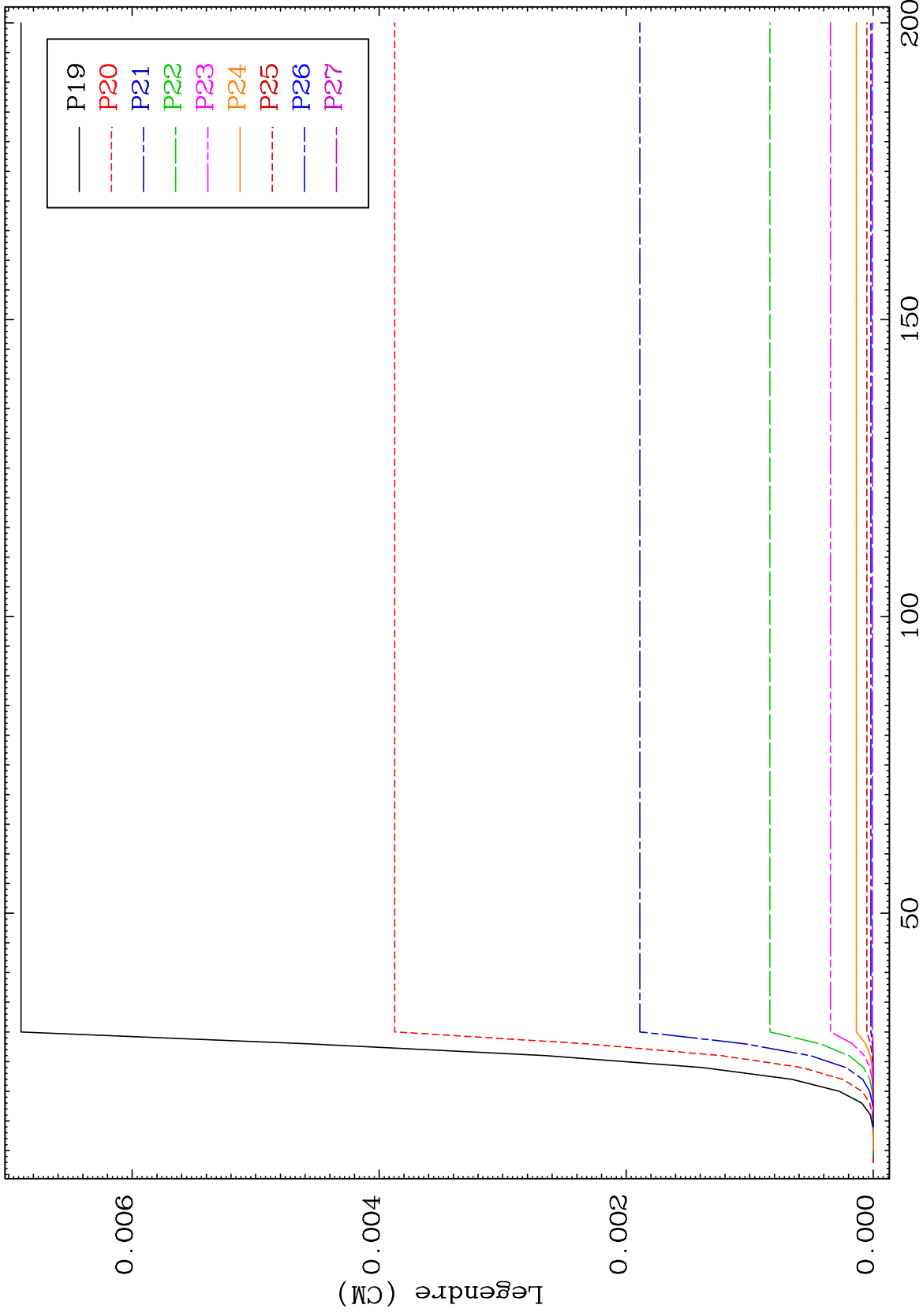
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



78

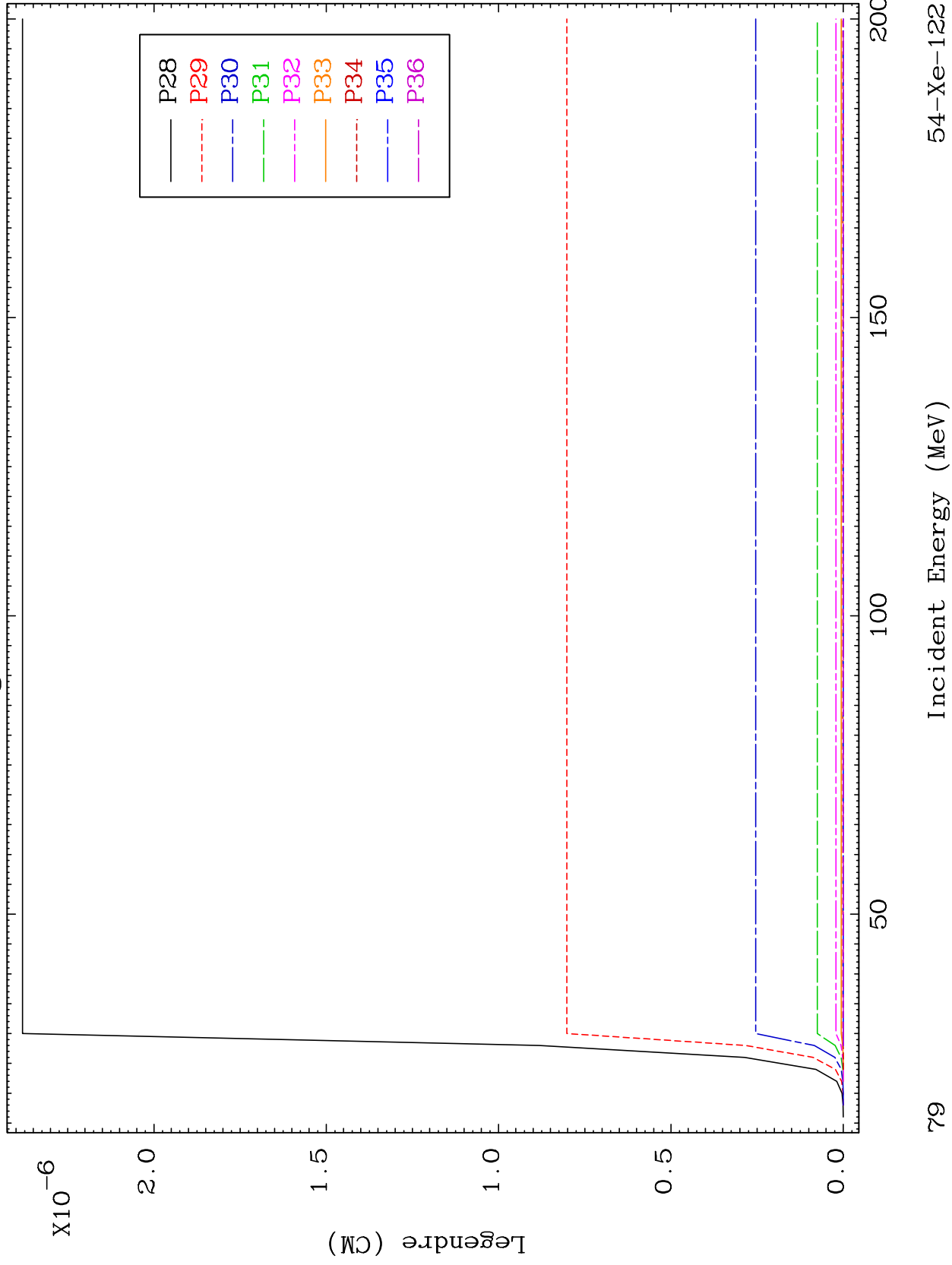
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



79

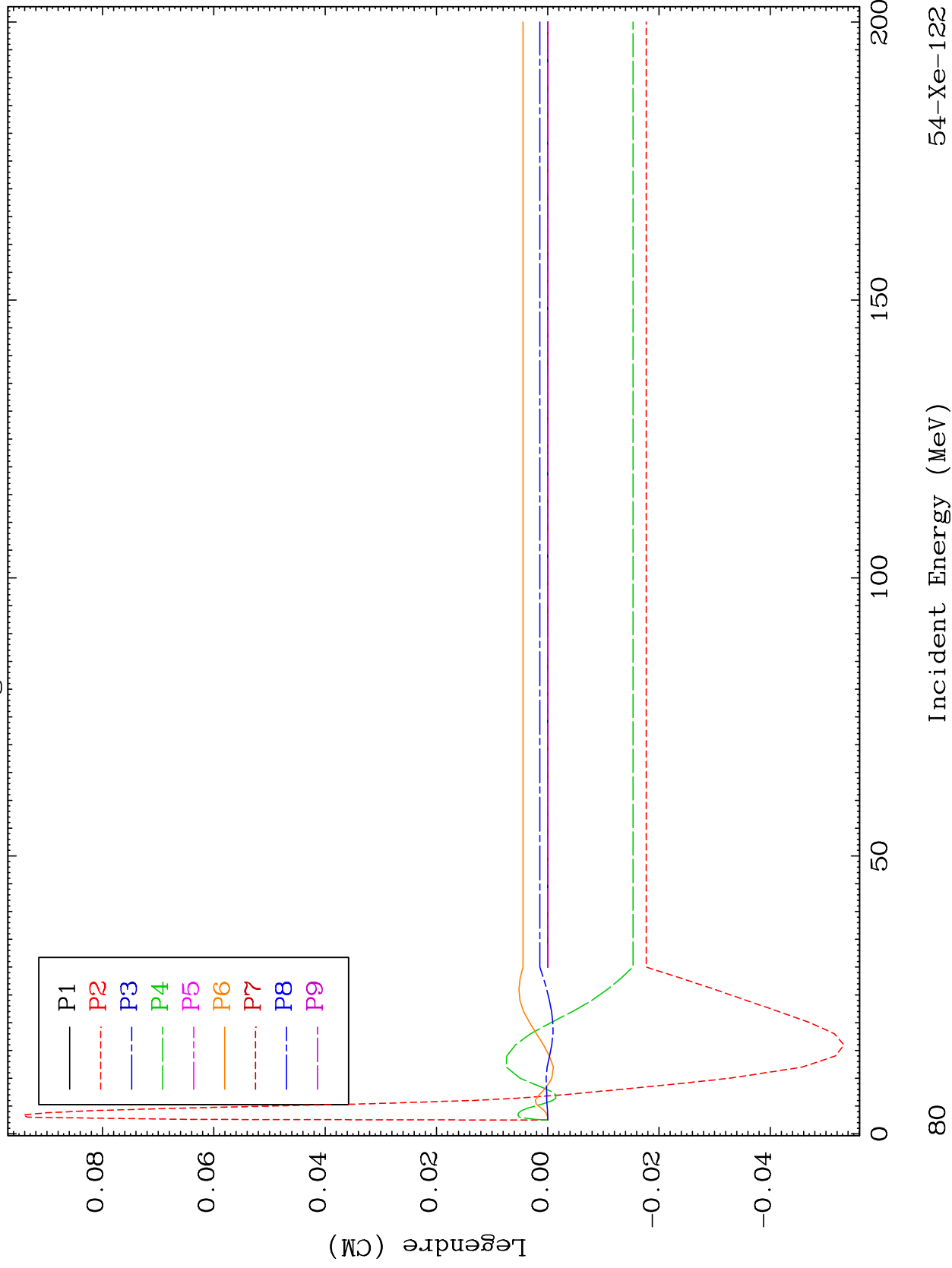
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

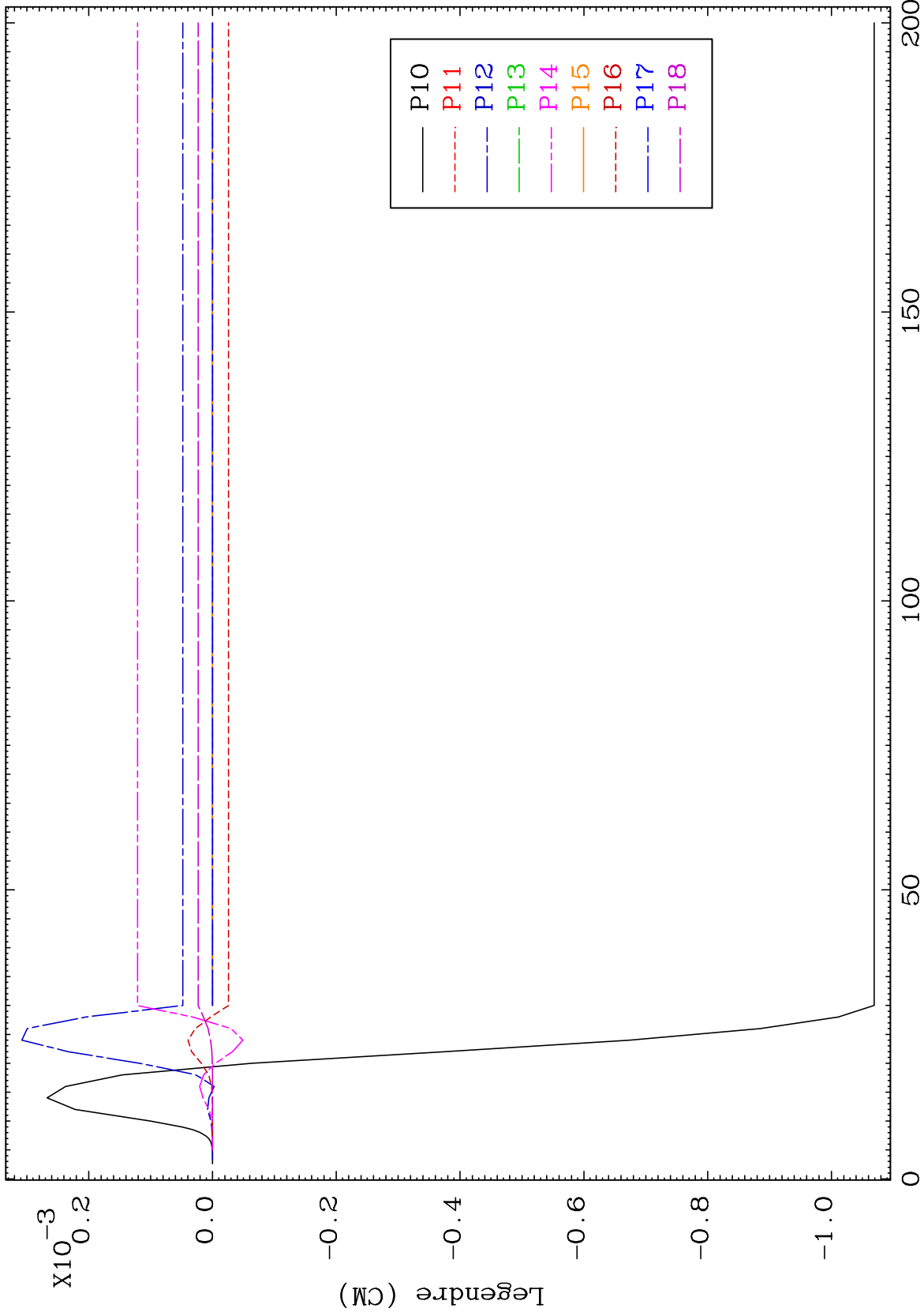
Incident Energy (MeV)

80

MAT 5419

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

54-Xe-122



81

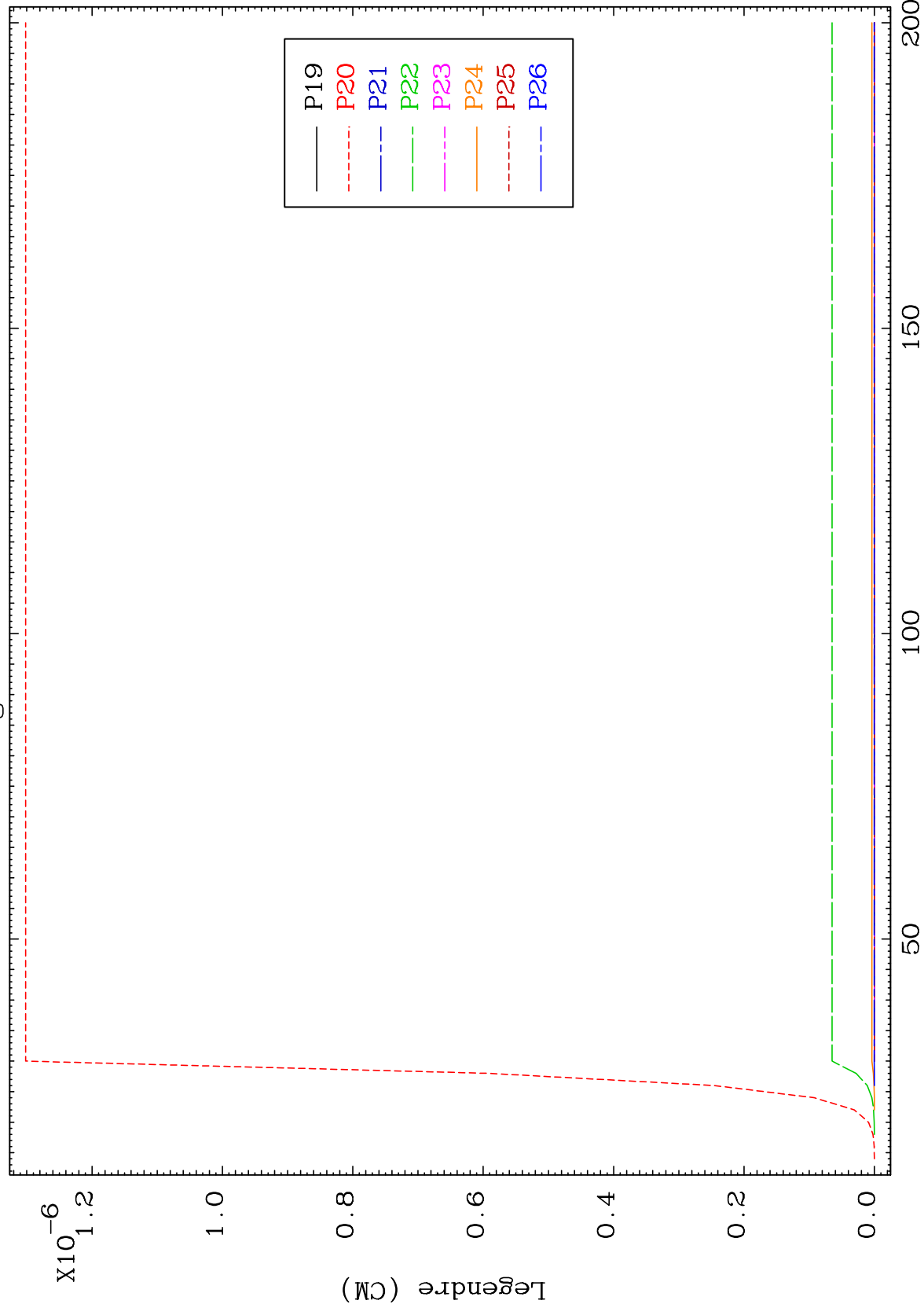
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



82

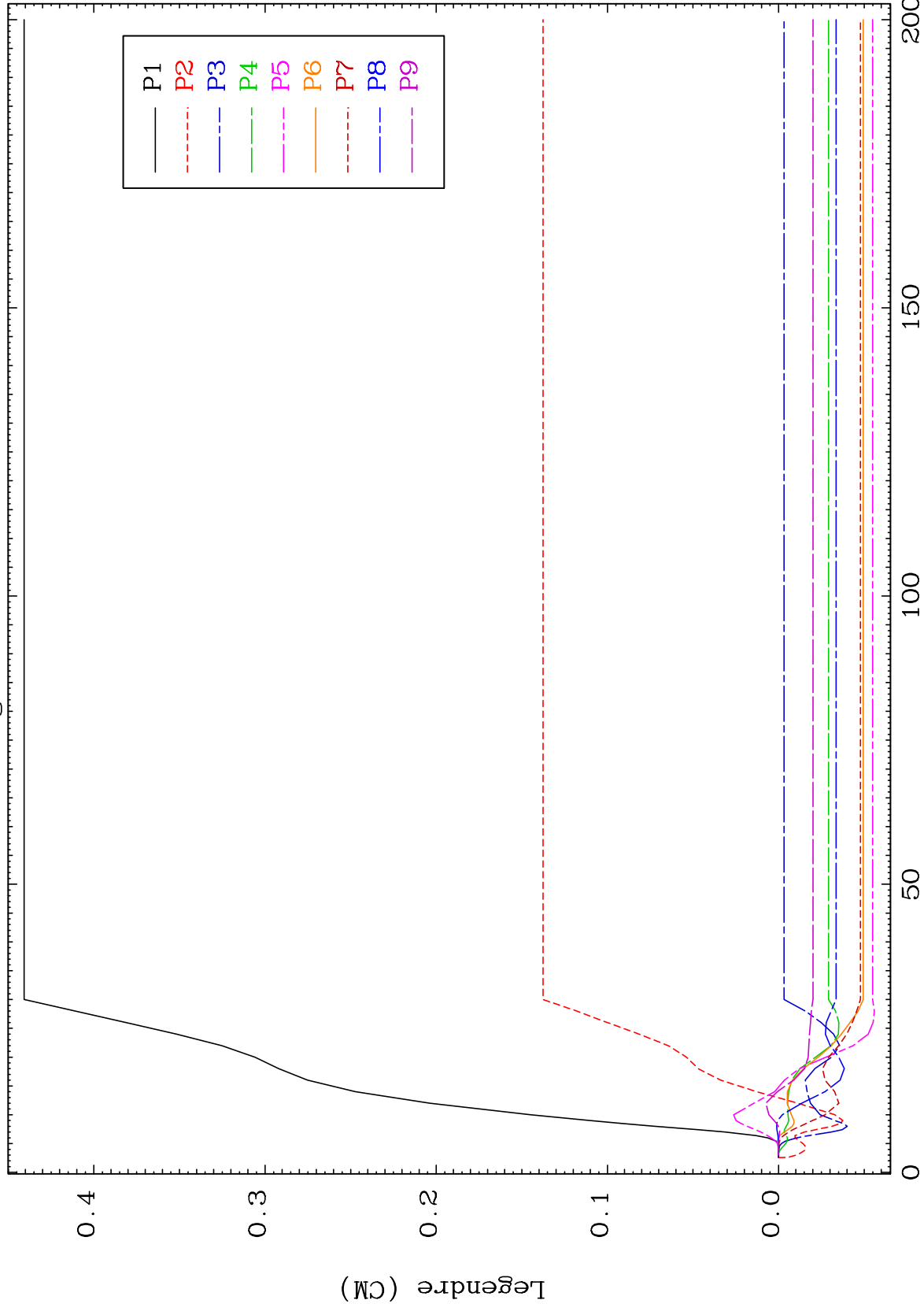
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



83

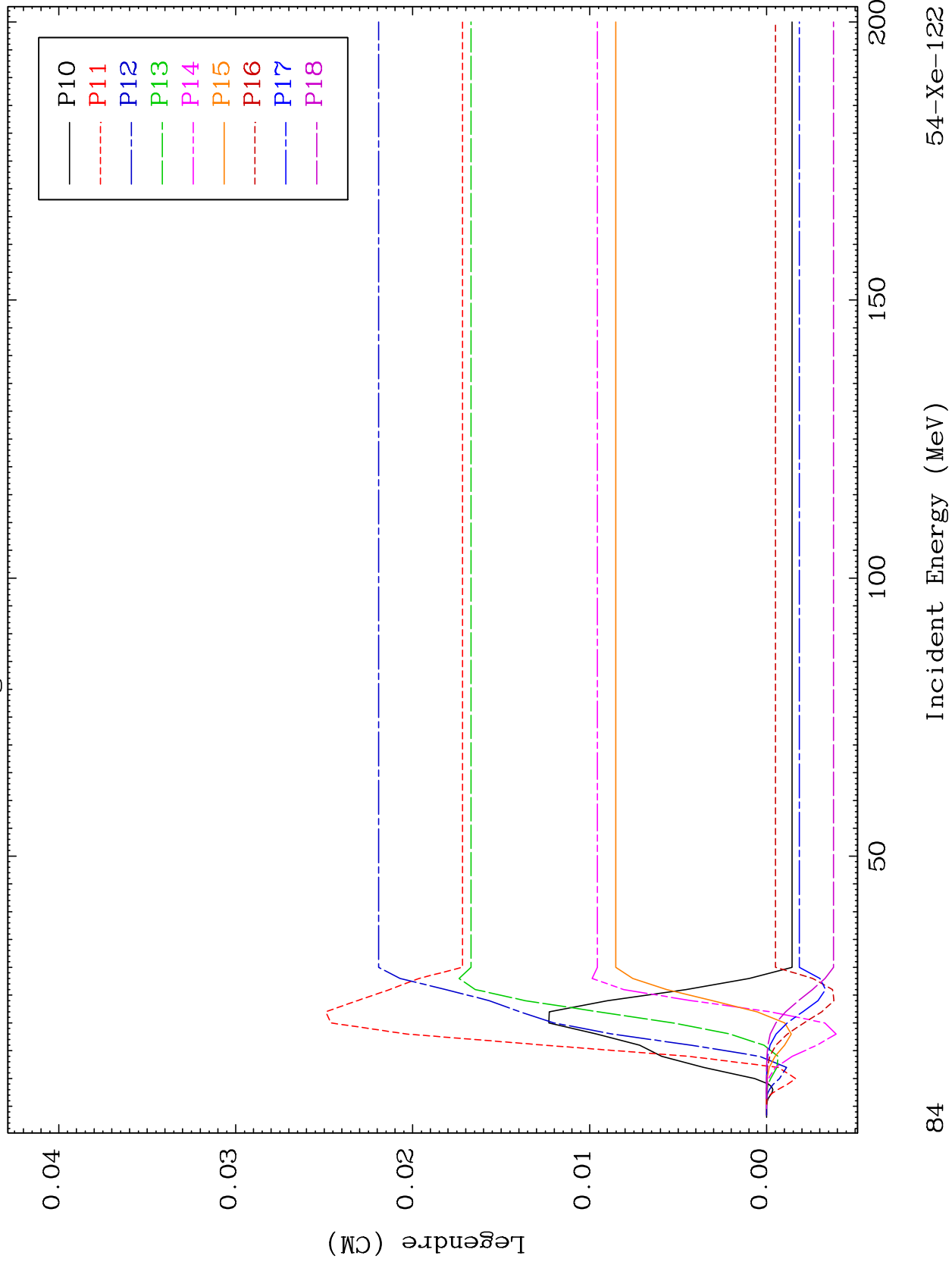
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



84

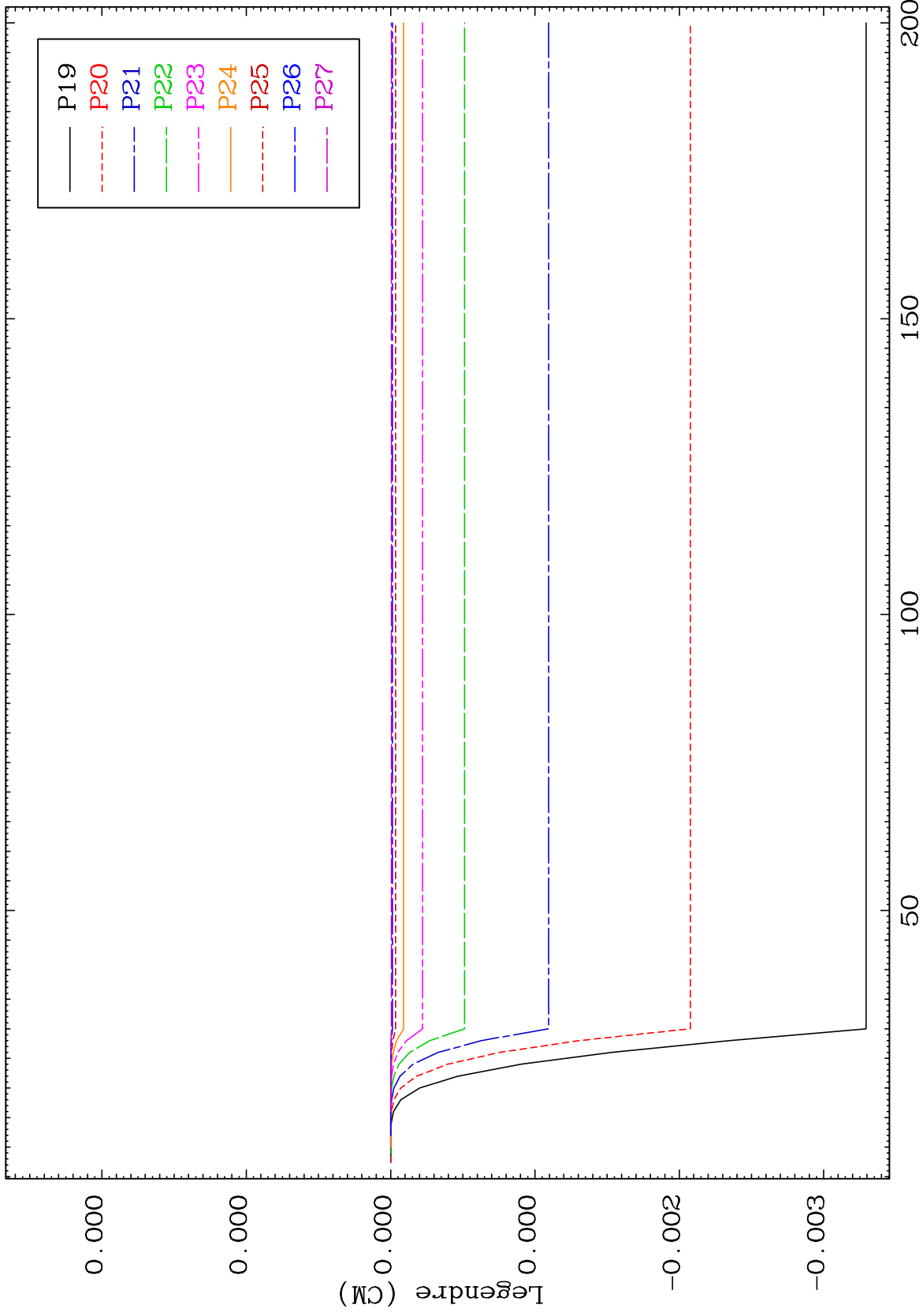
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



85

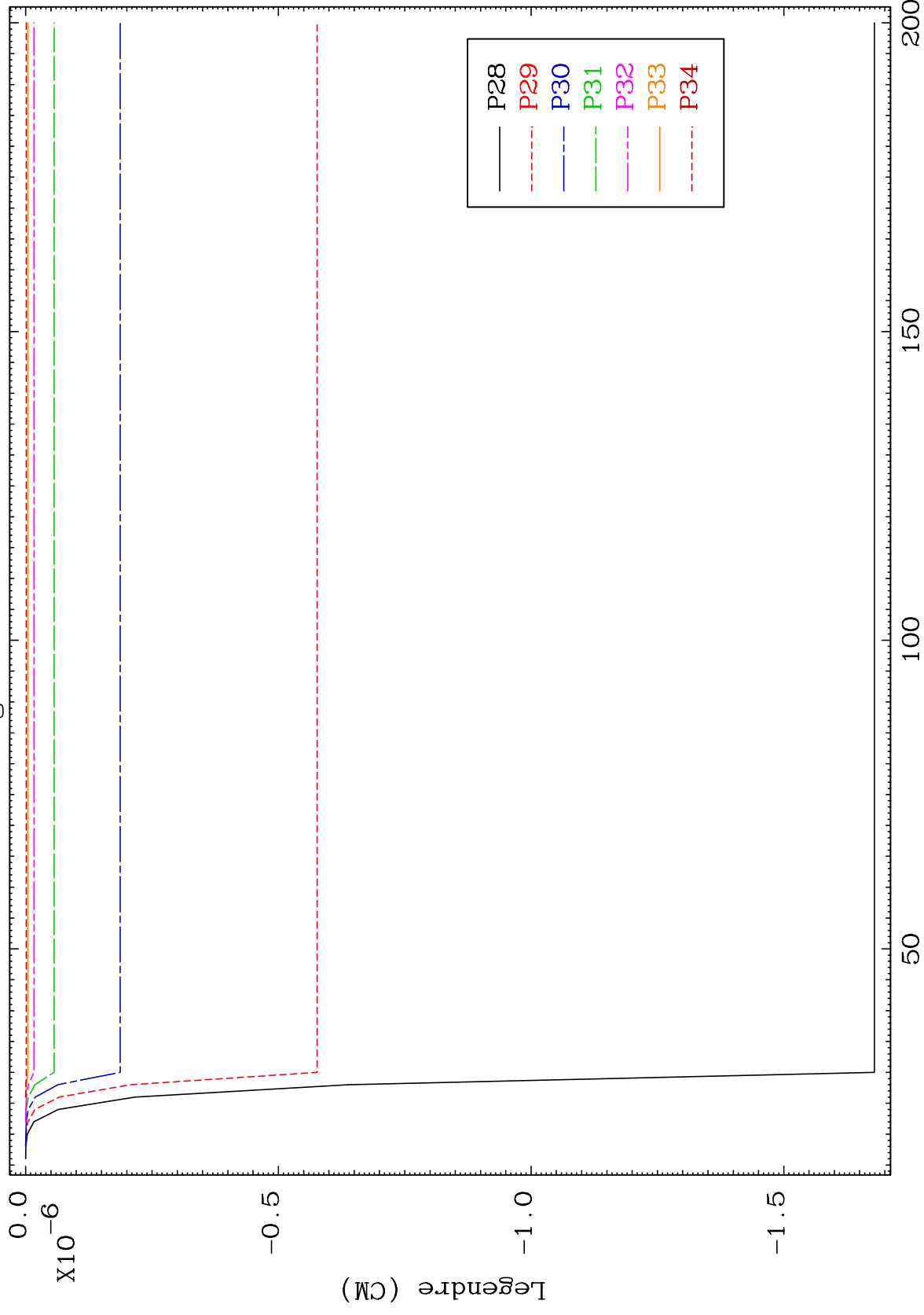
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



86

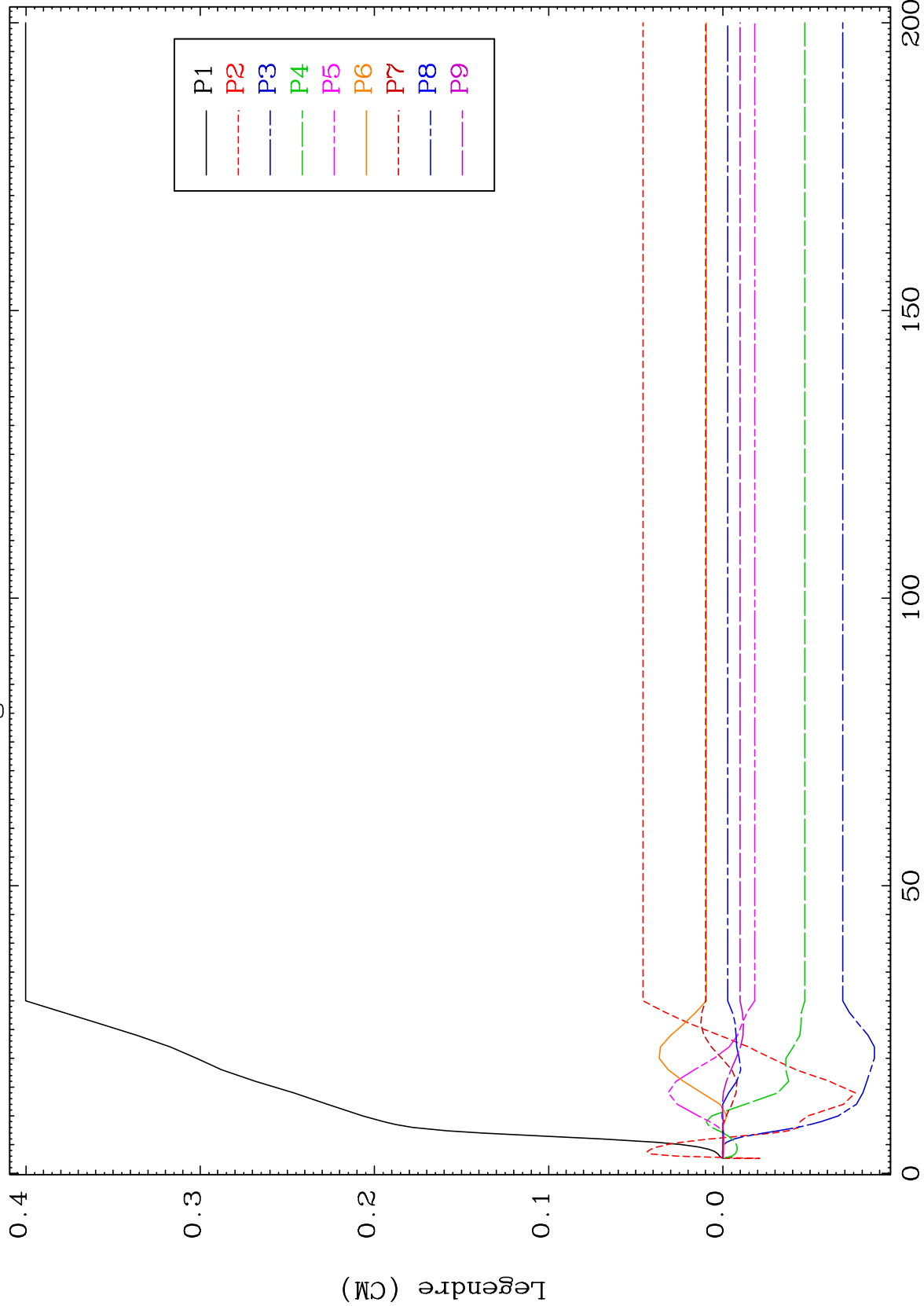
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



87

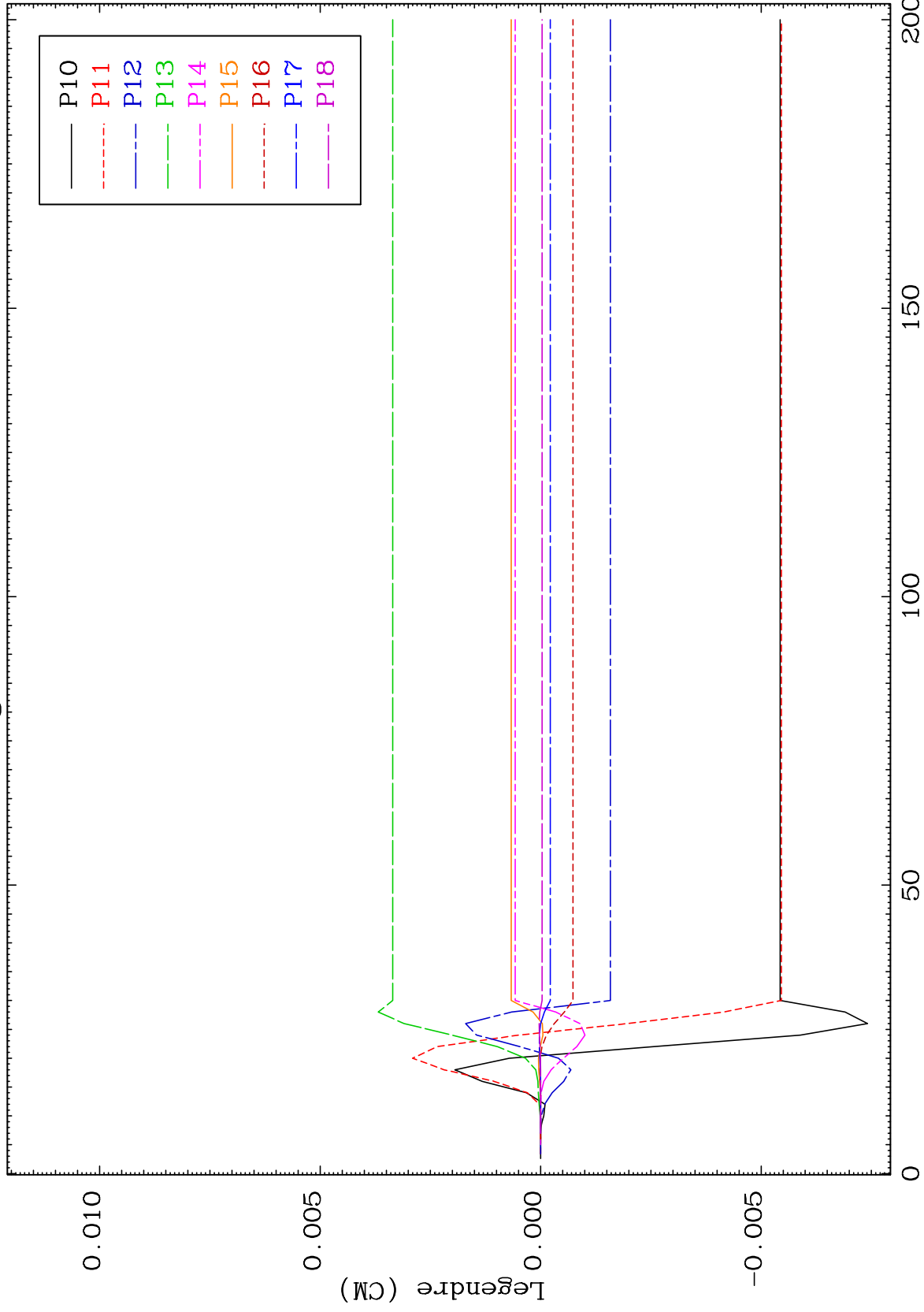
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



88

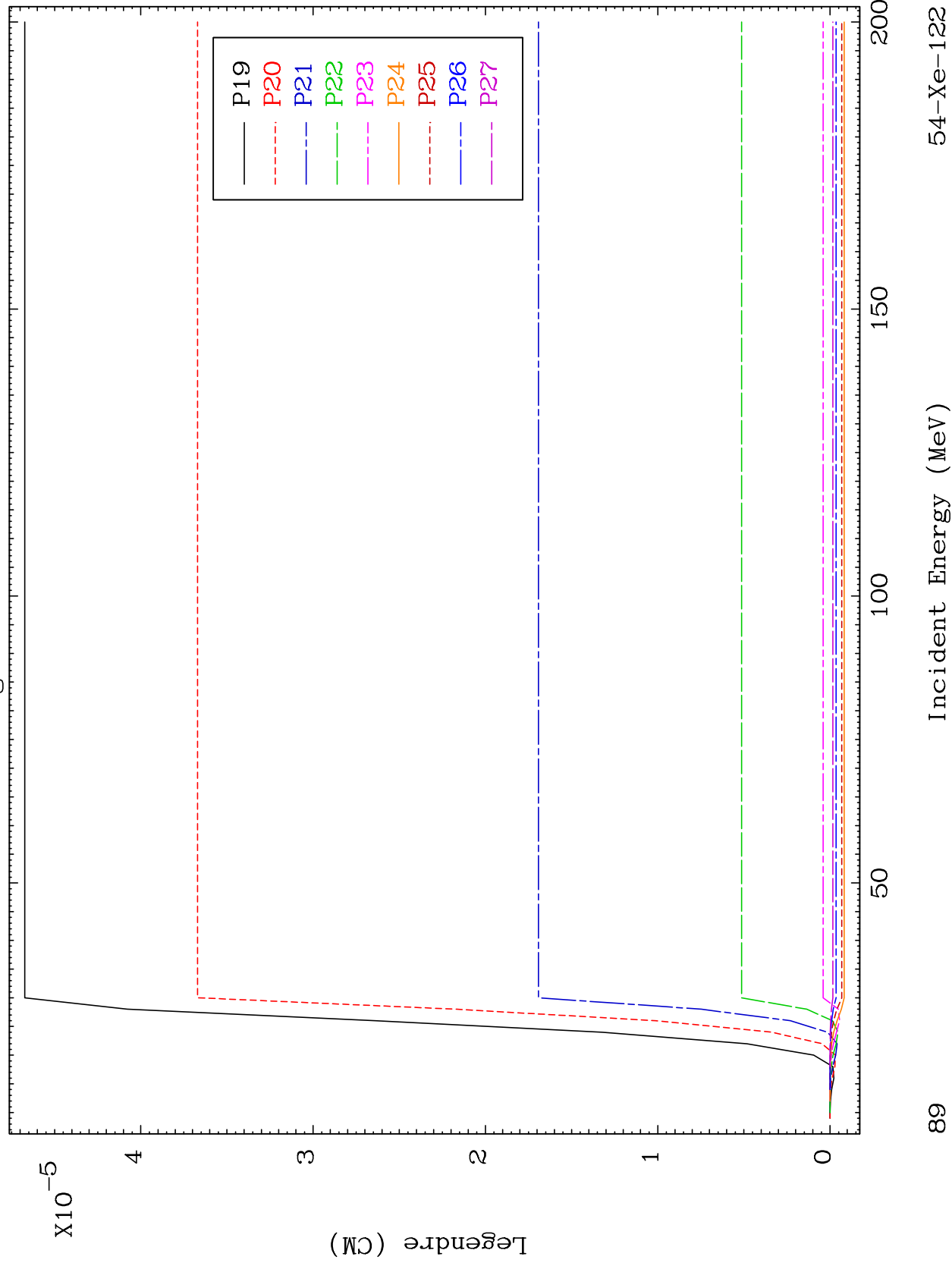
Incident Energy (MeV)

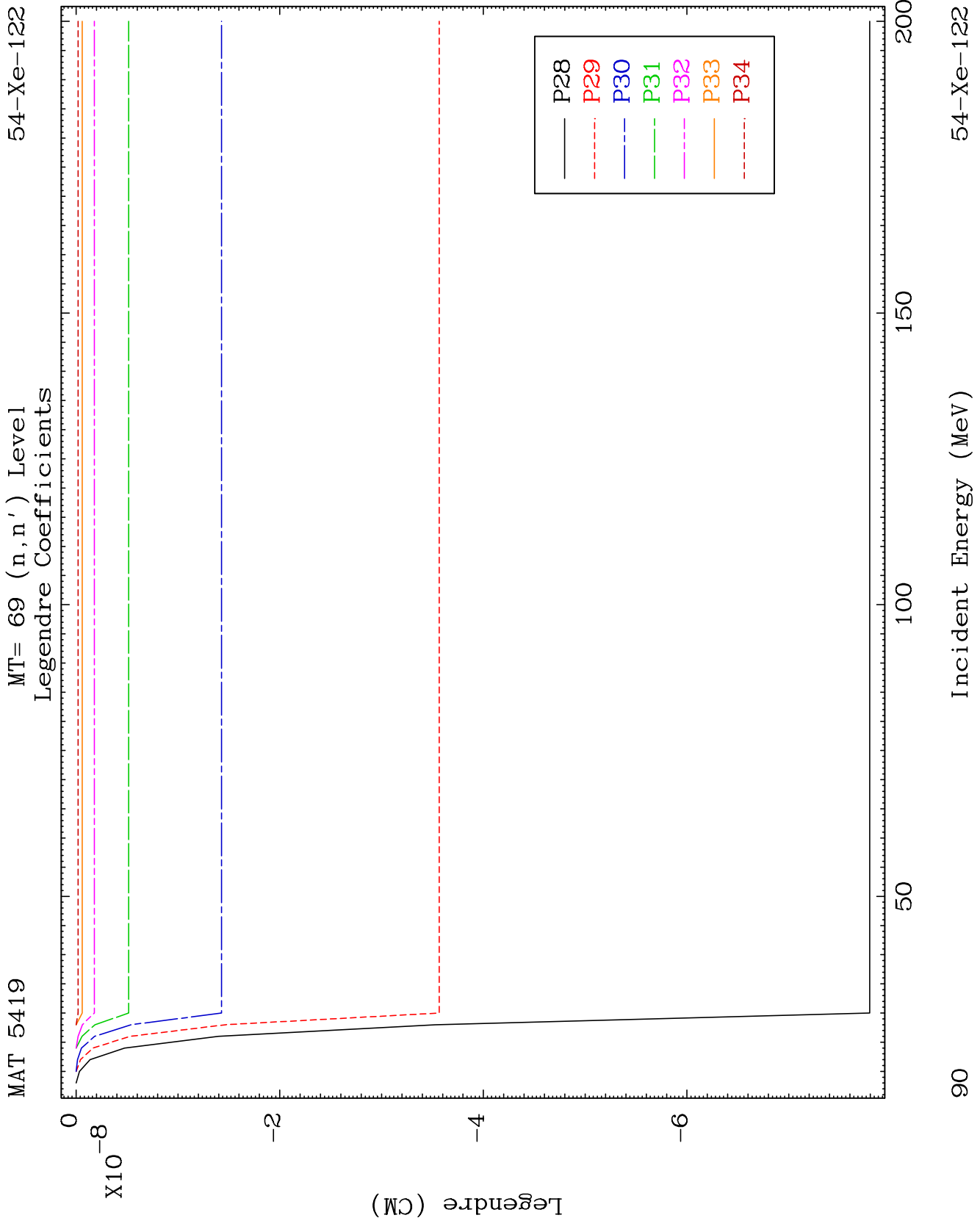
54-Xe-122

MAT 5419

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

54-Xe-122

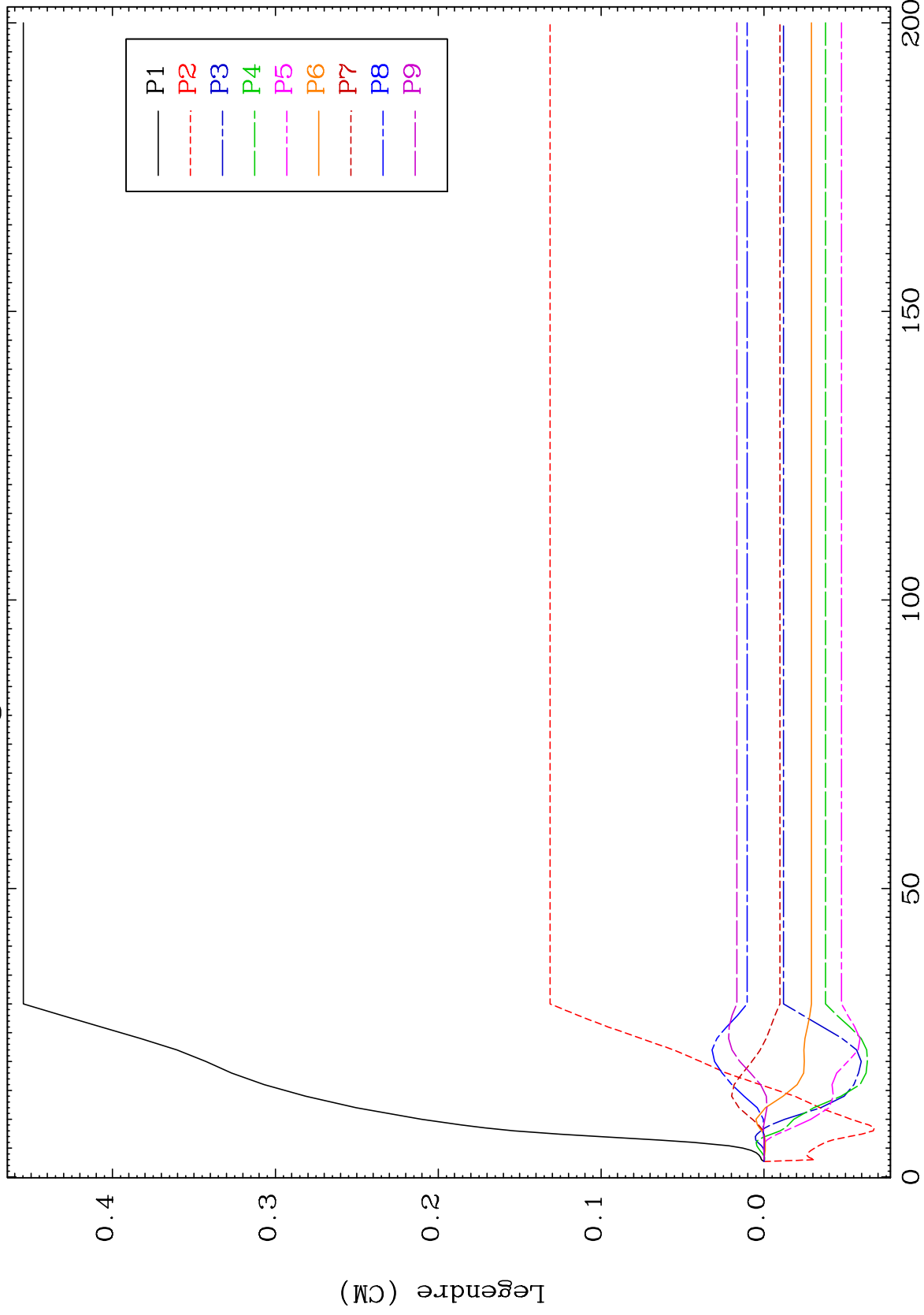




MAT 5419

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

54-Xe-122



91

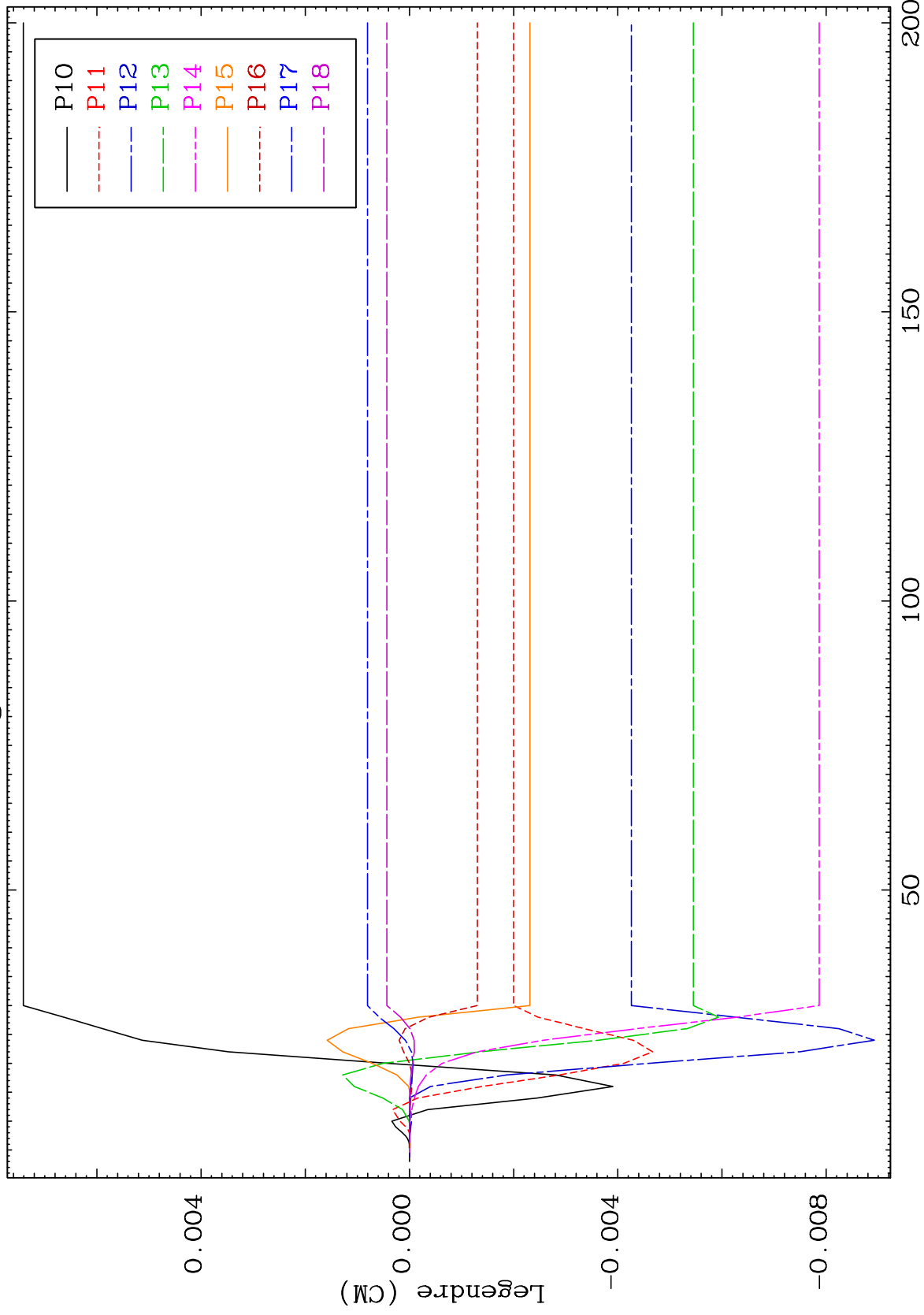
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

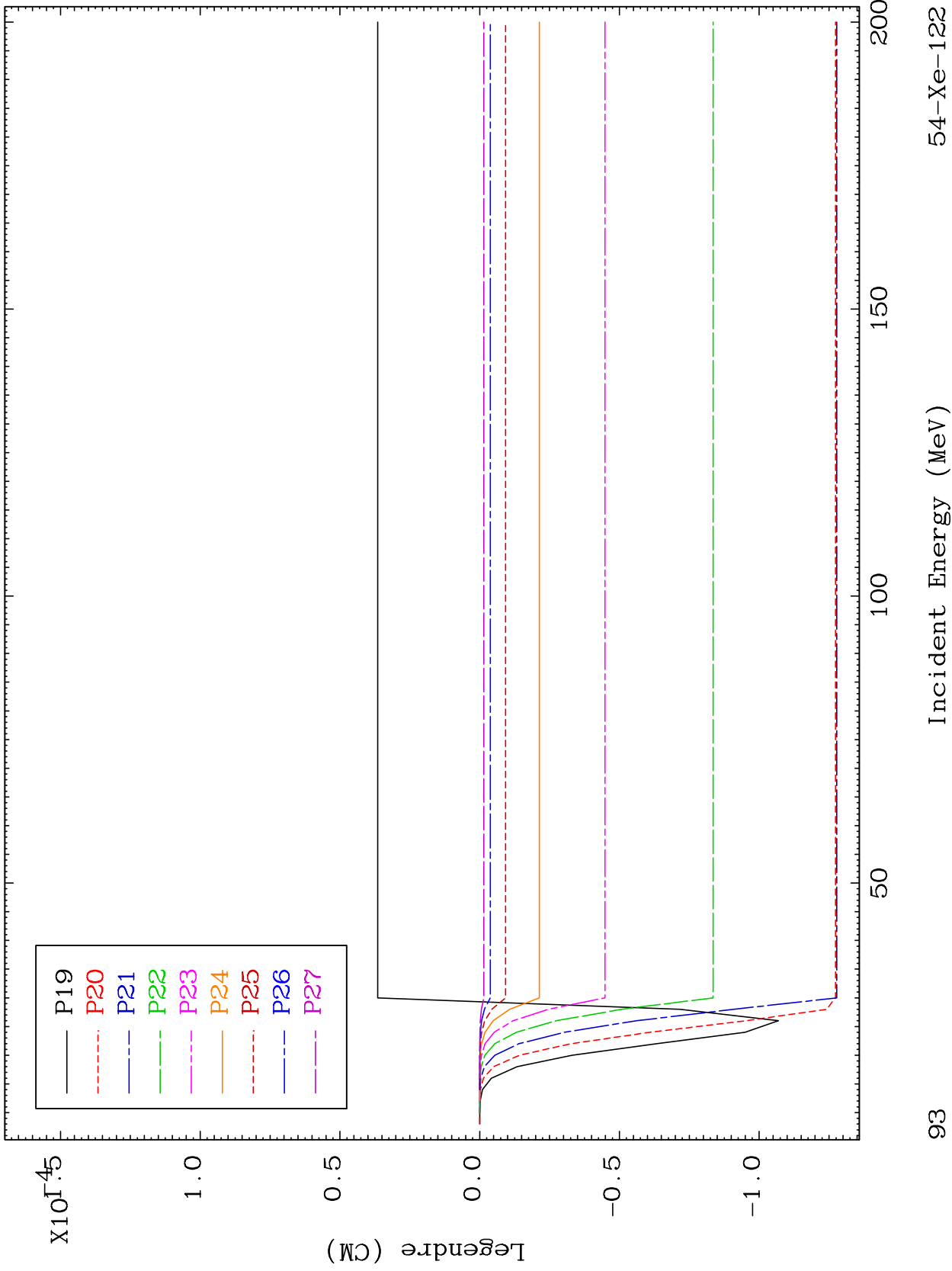
54-Xe-122



92

Incident Energy (MeV)

54-Xe-122

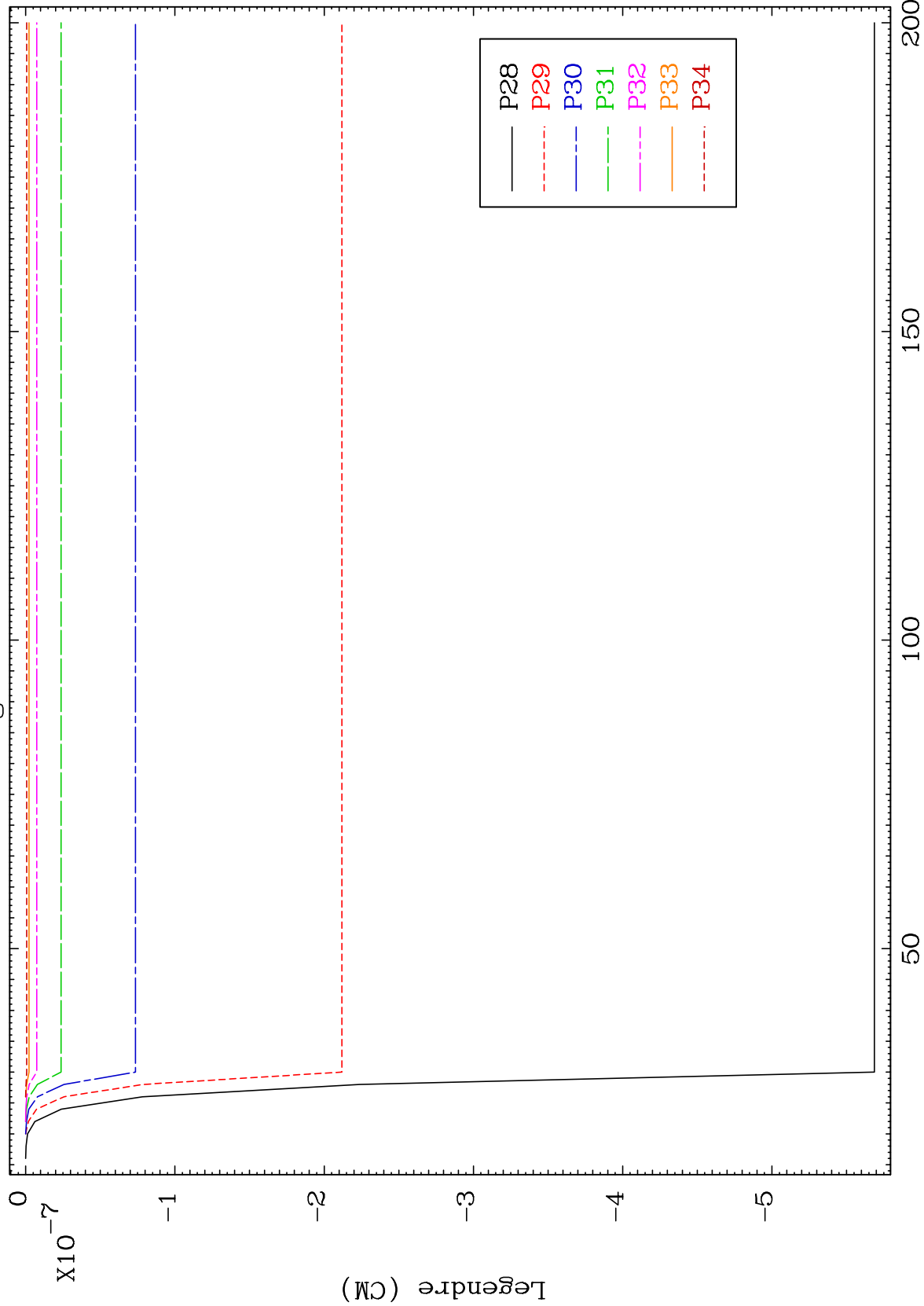


MAT 5419

MT= 70 (n,n') Level

54-Xe-122

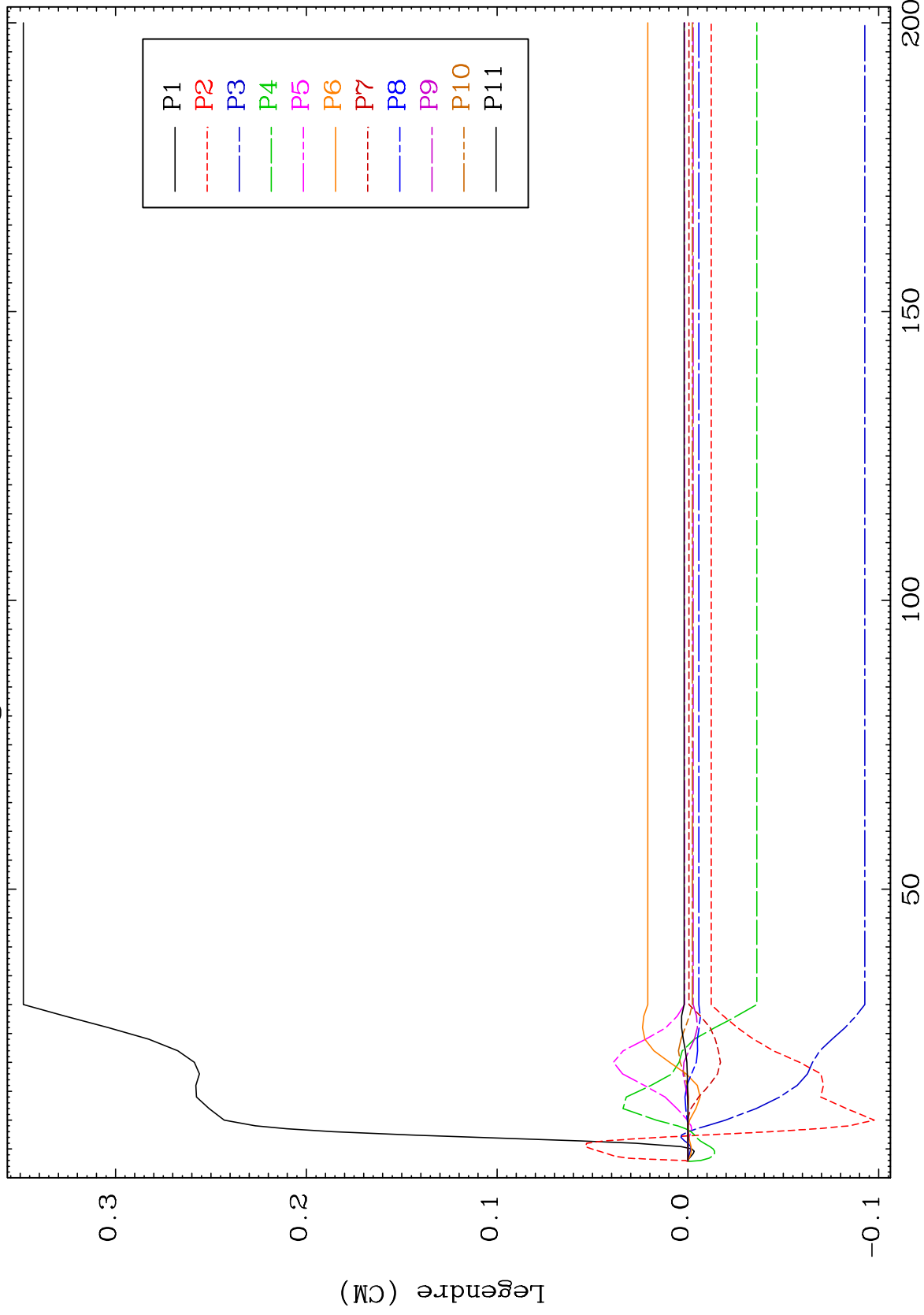
Legendre Coefficients



MAT 5419

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

54-Xe-122



95

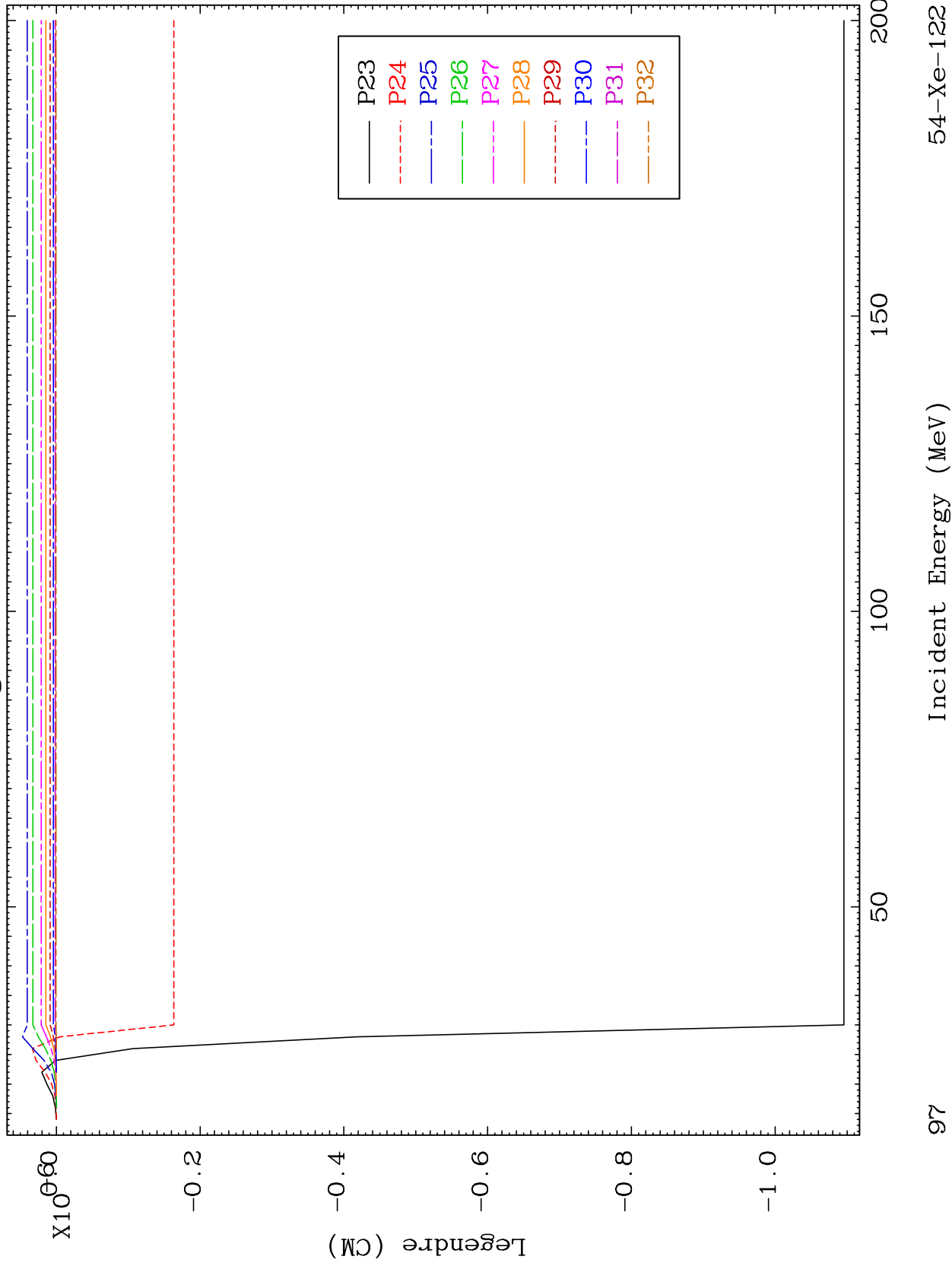
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

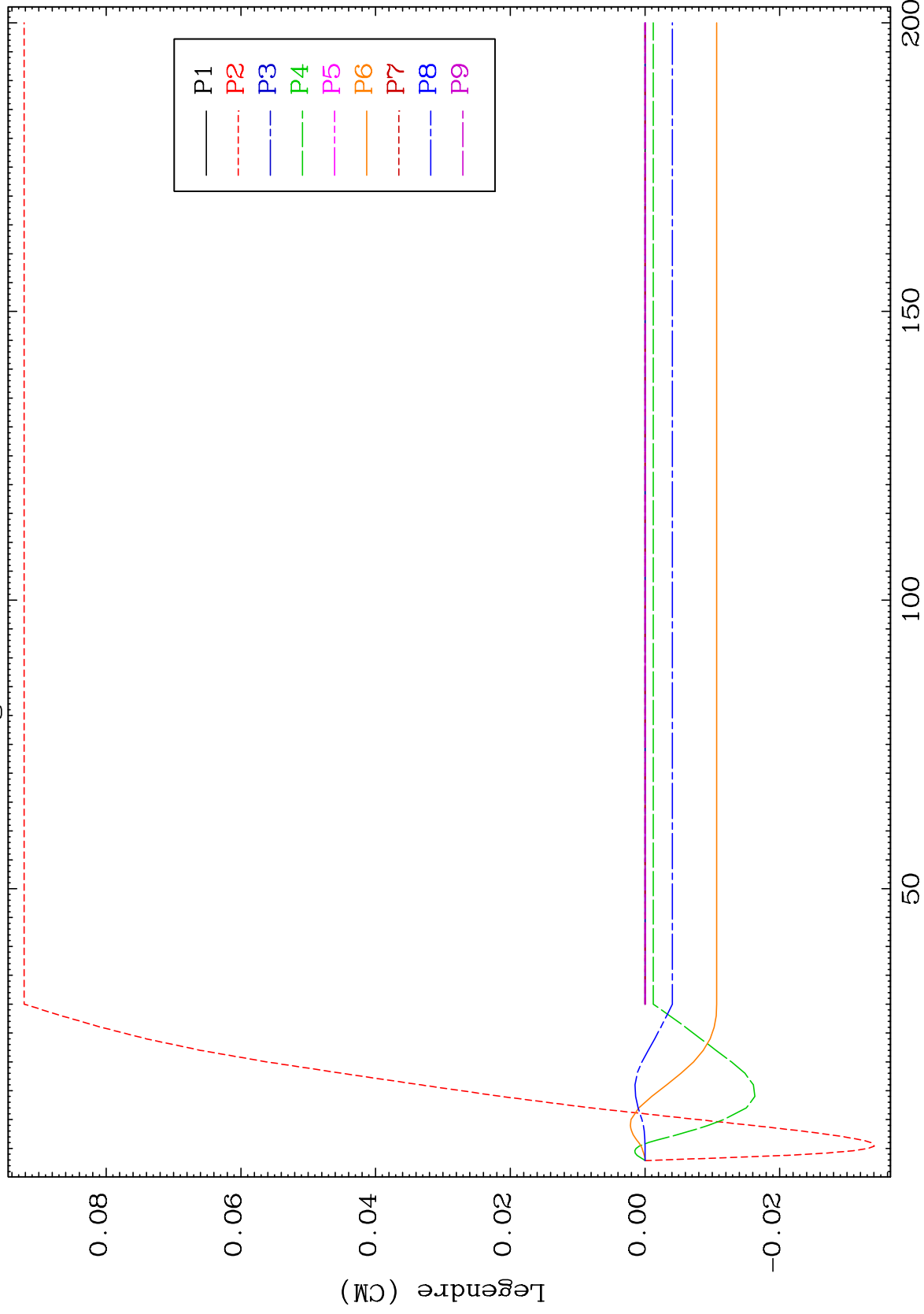
54-Xe-122



MAT 5419

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

54-Xe-122



98

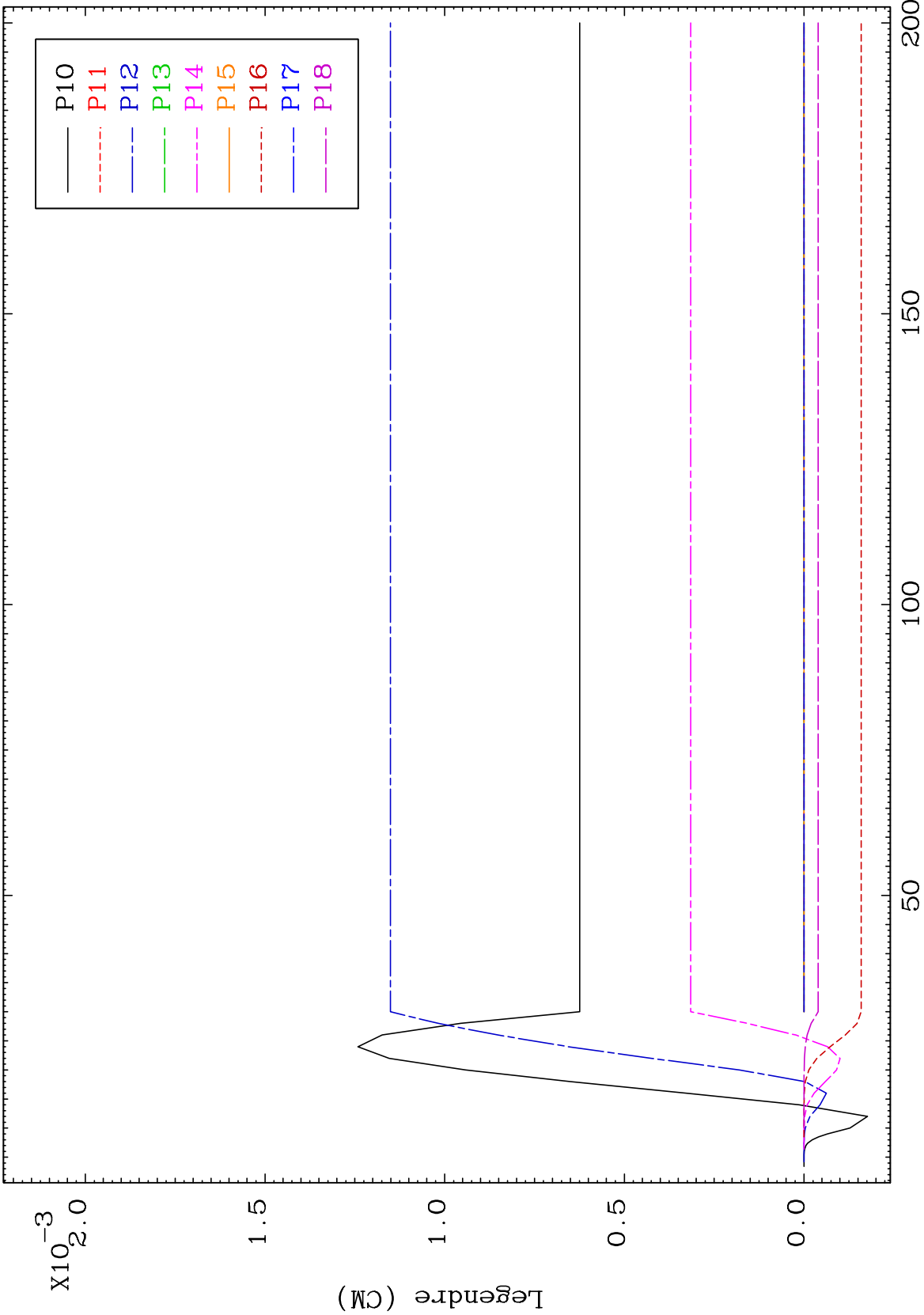
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

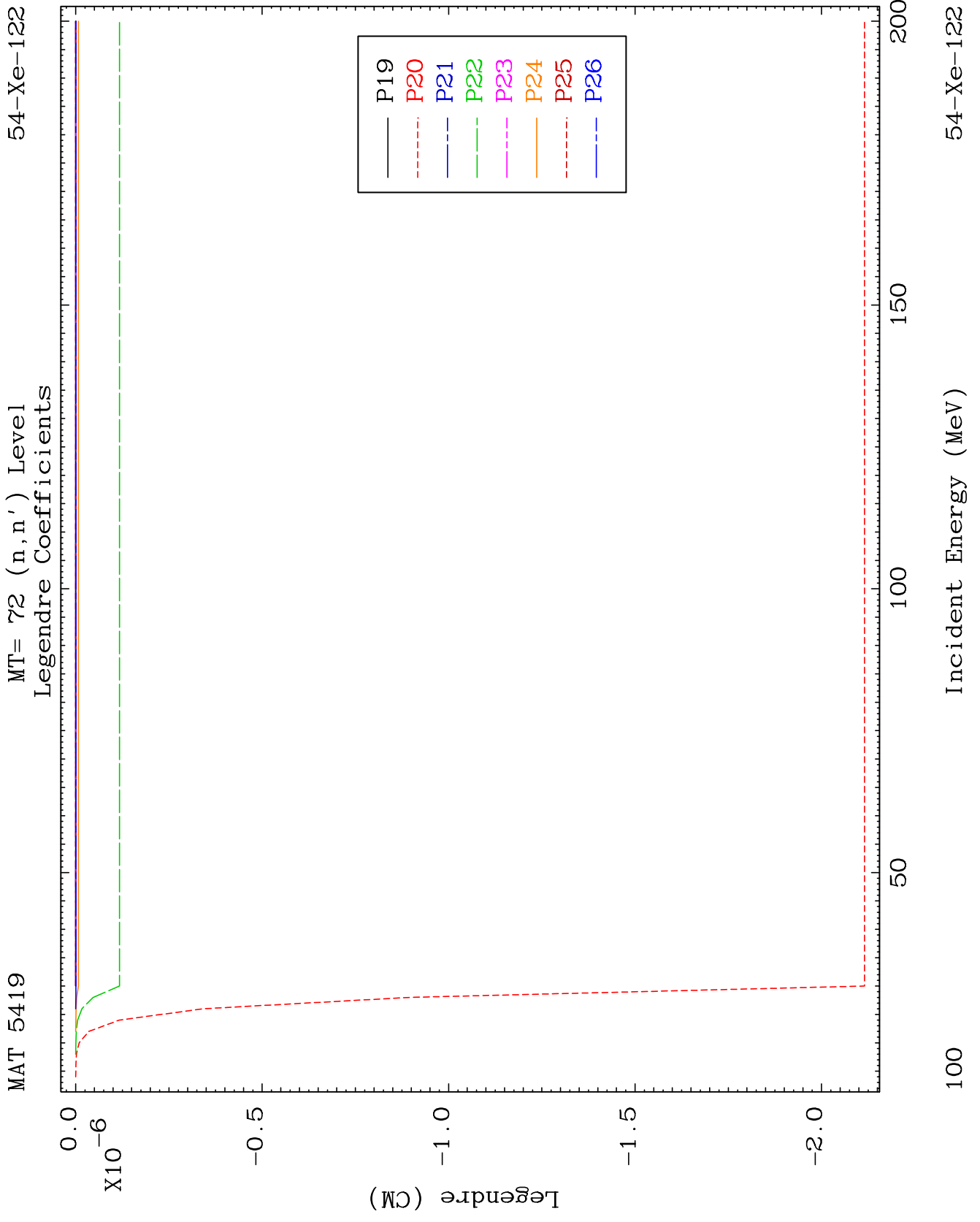
54-Xe-122



99

Incident Energy (MeV)

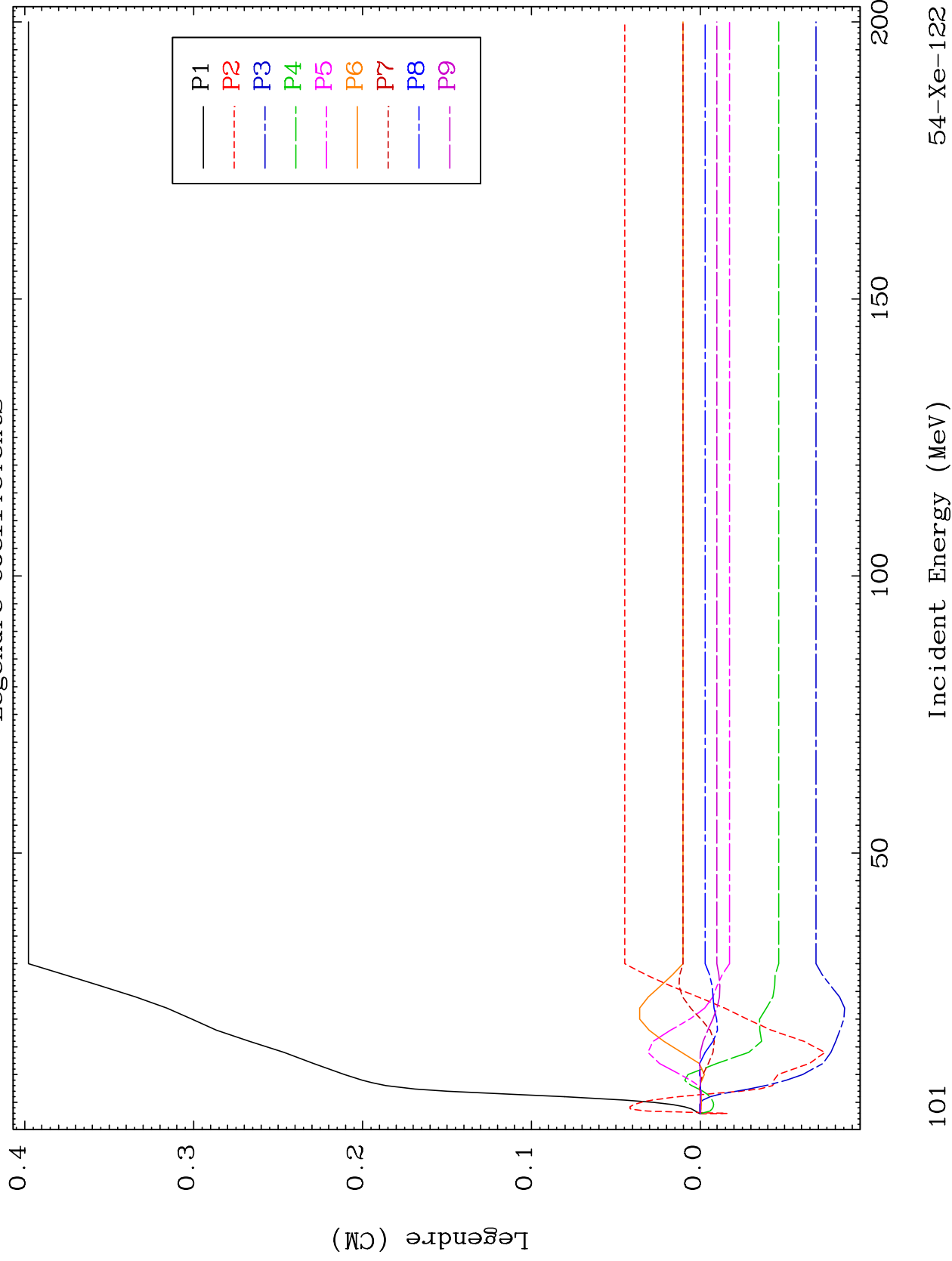
54-Xe-122



MAT 5419

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

54-Xe-122



101

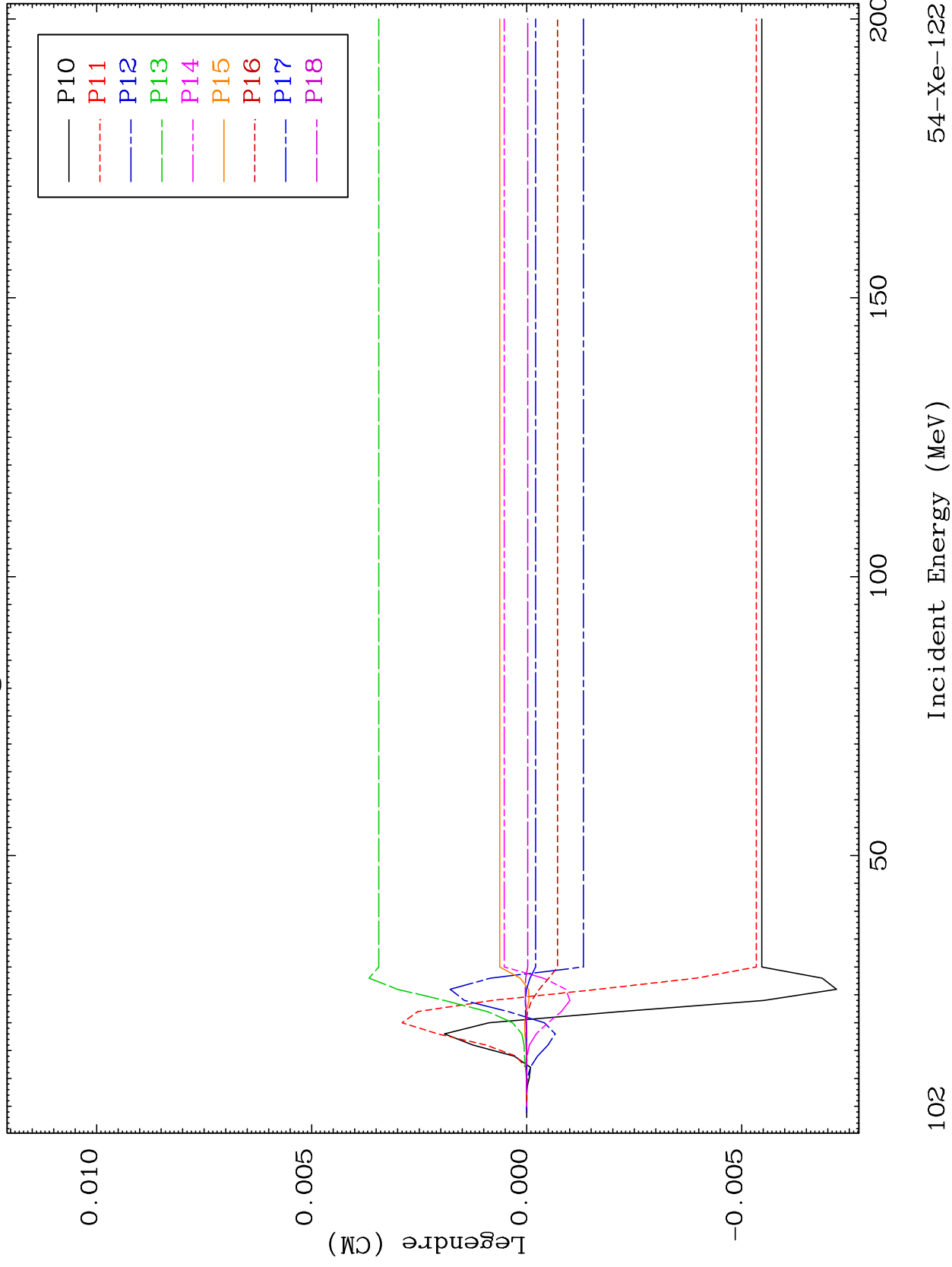
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



102

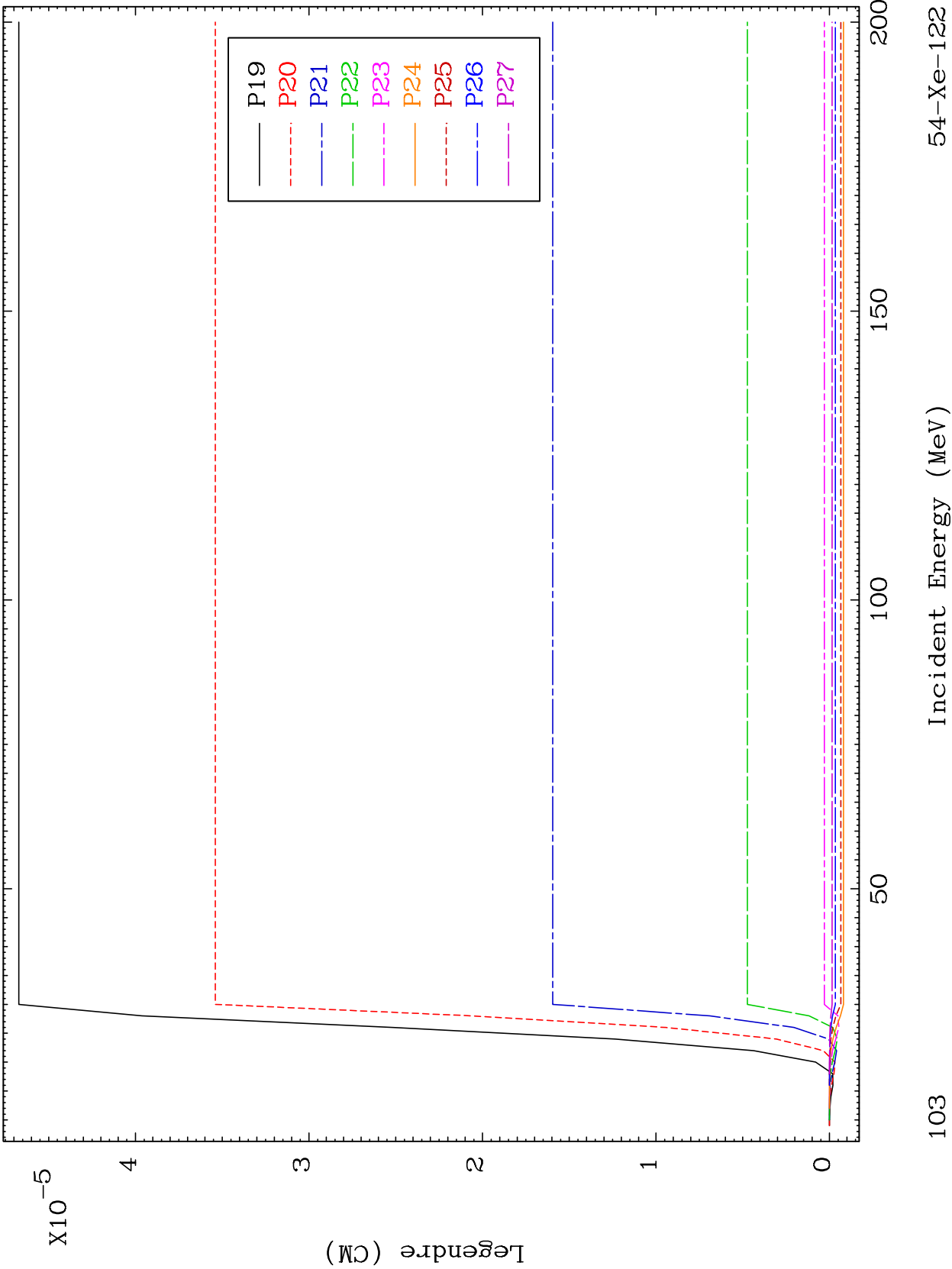
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

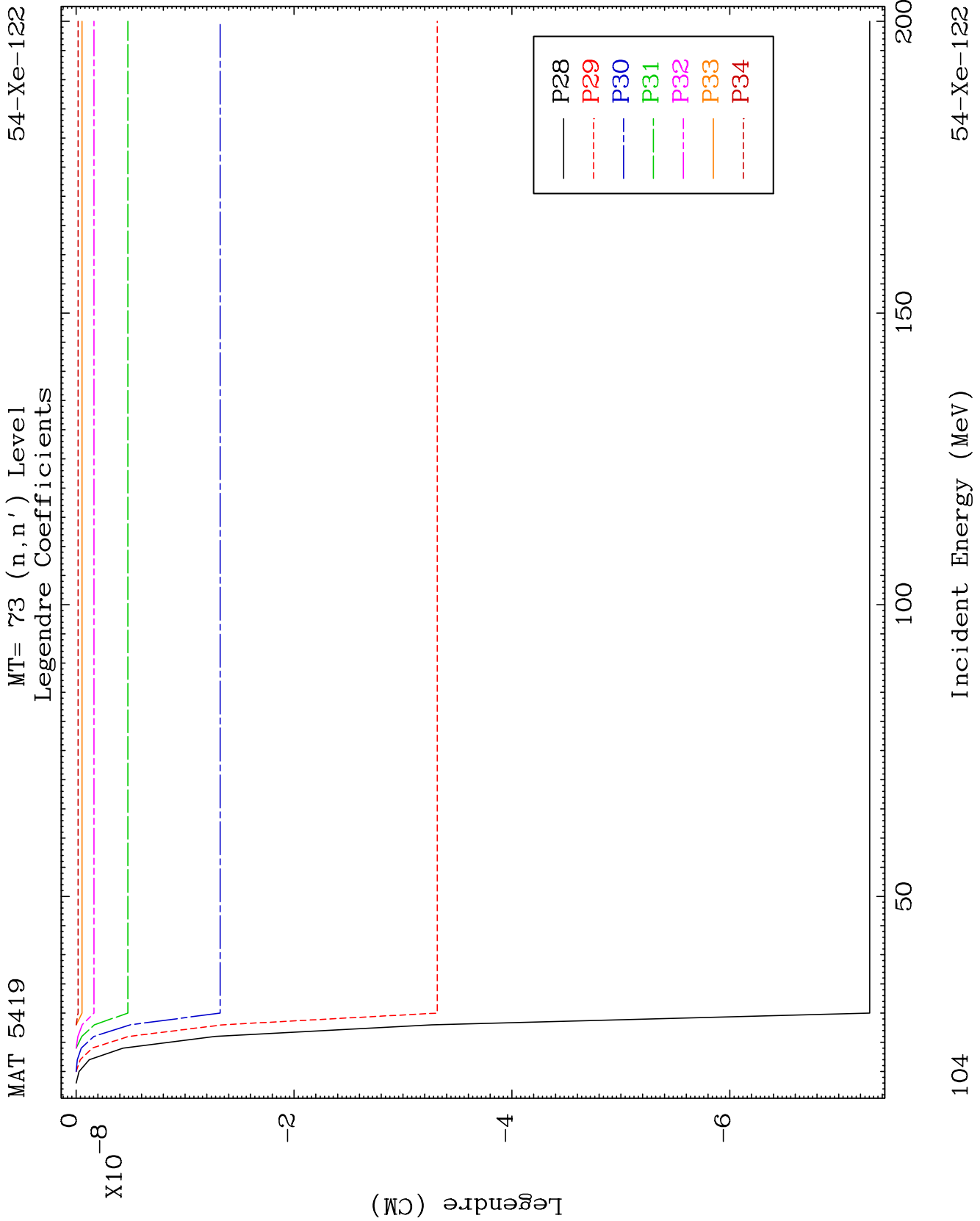
54-Xe-122



103

Incident Energy (MeV)

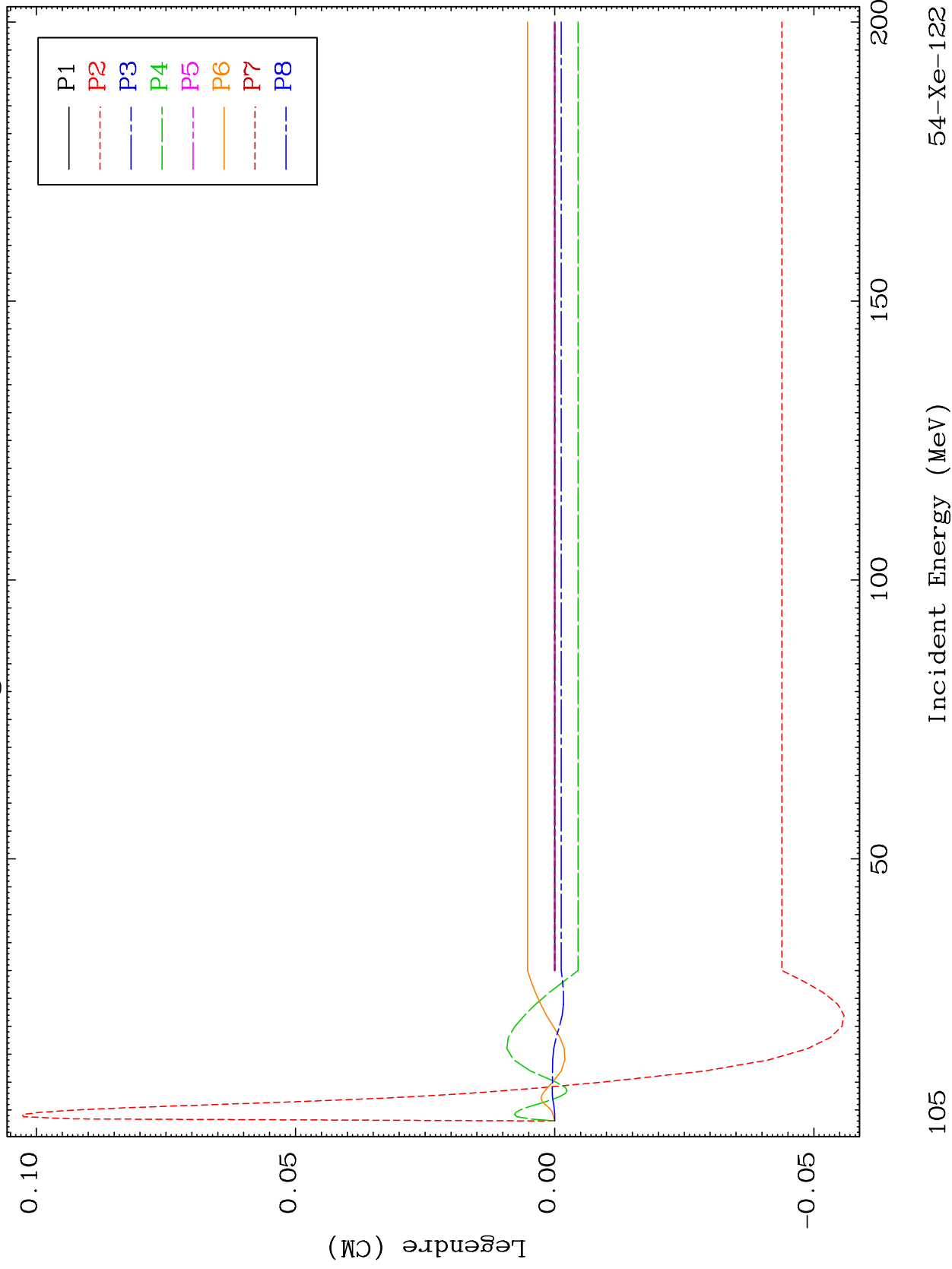
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

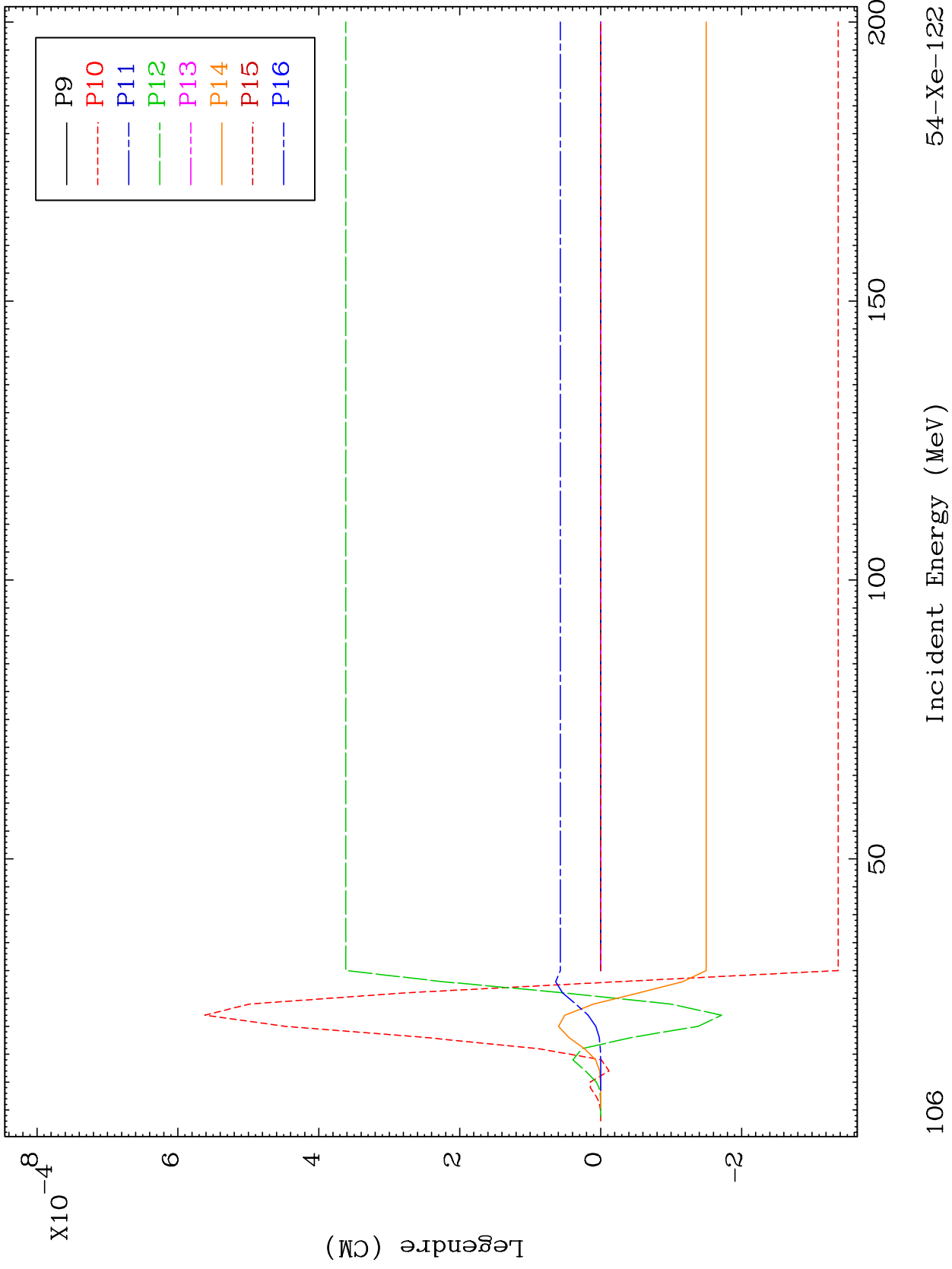
Incident Energy (MeV)

105

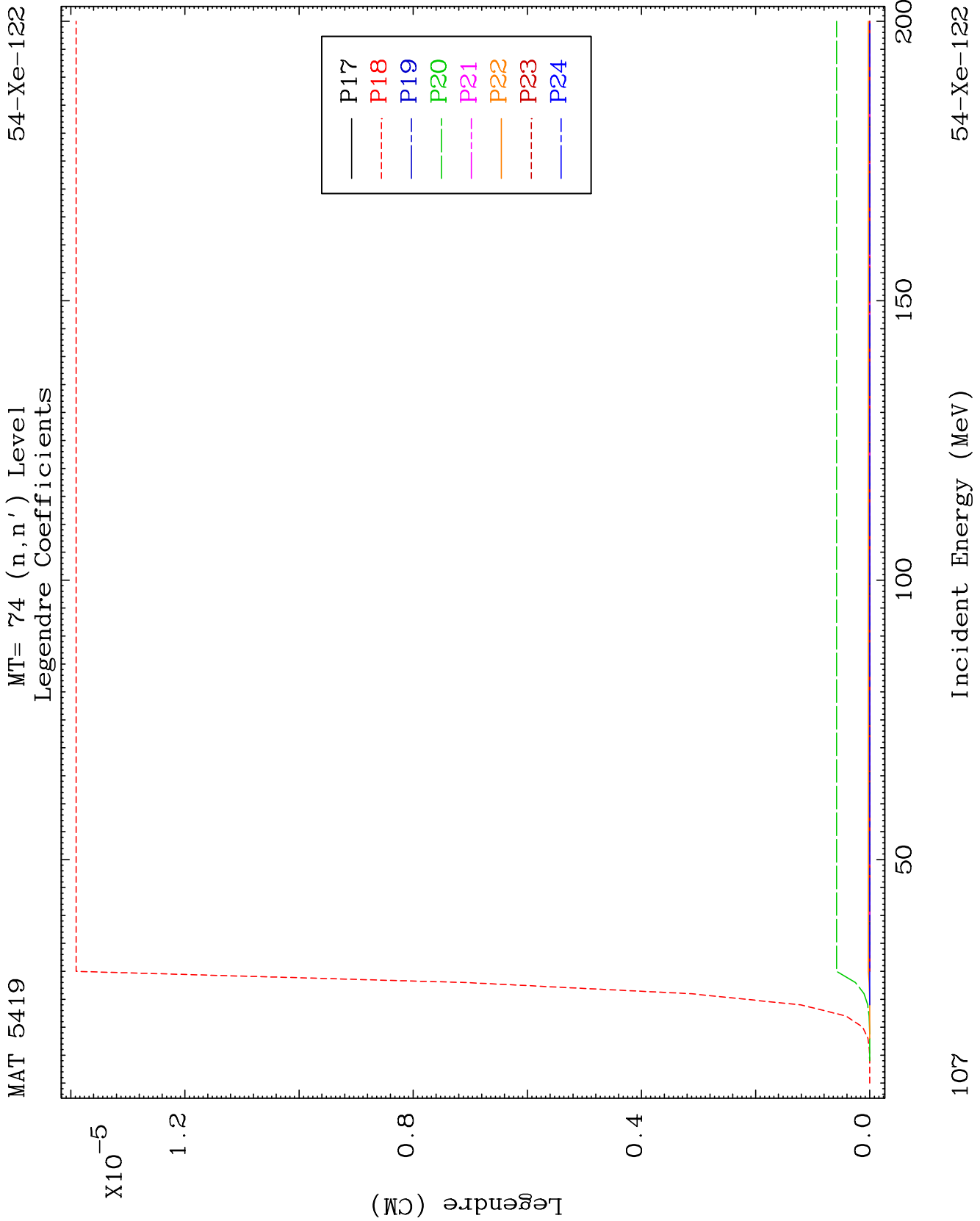
MAT 5419

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

54-Xe-122



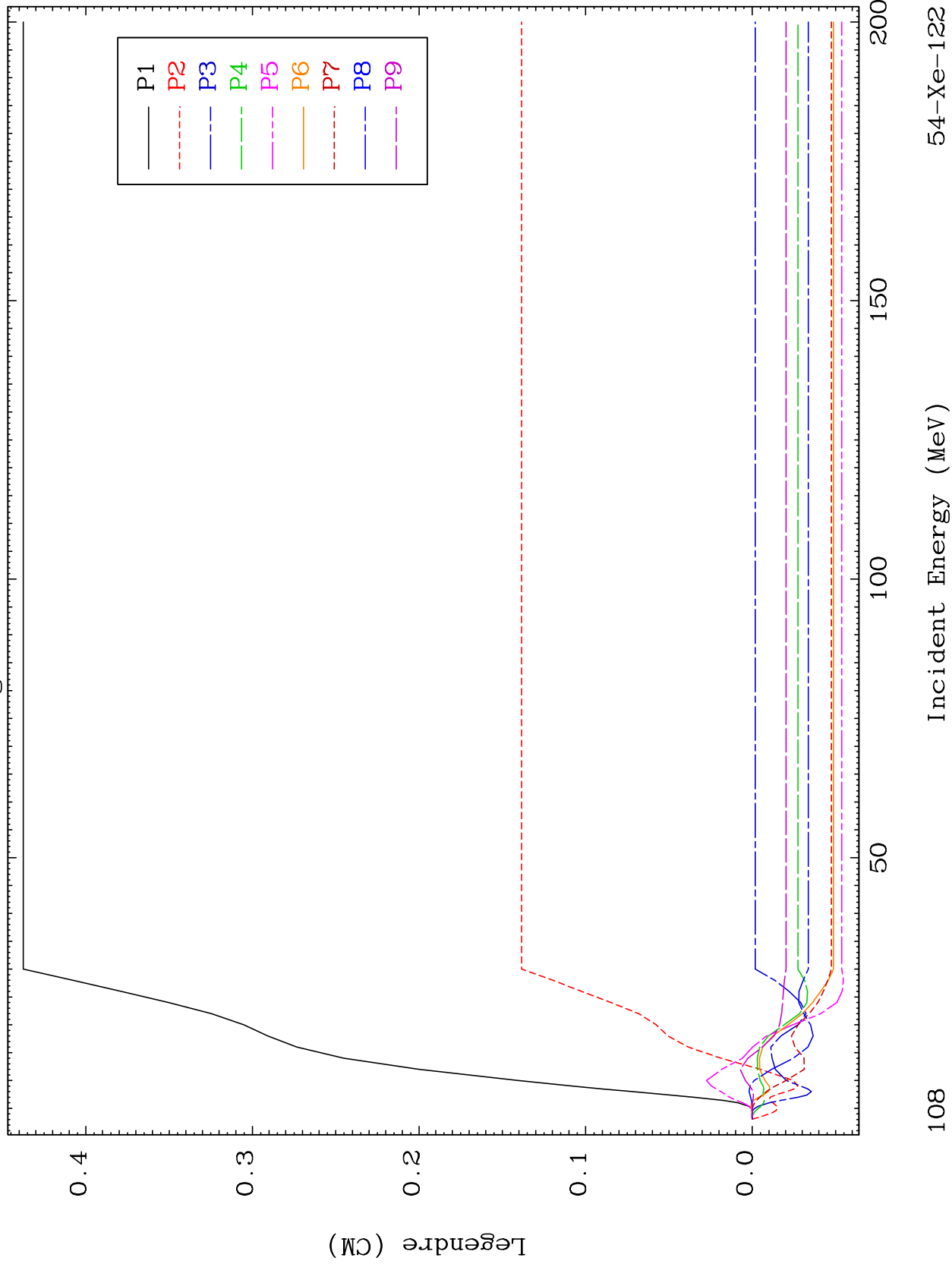
106



MAT 5419

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

54-Xe-122



108

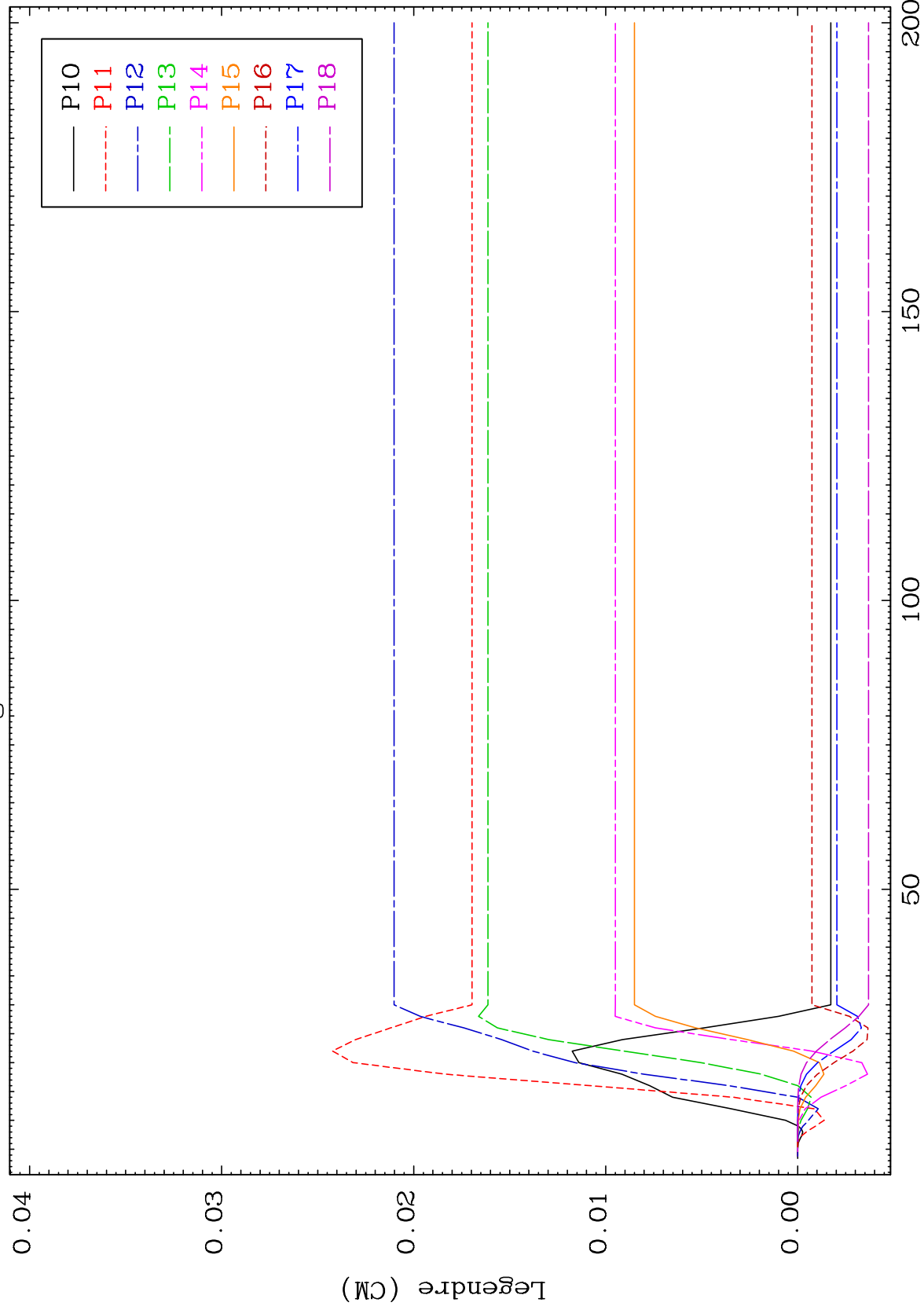
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

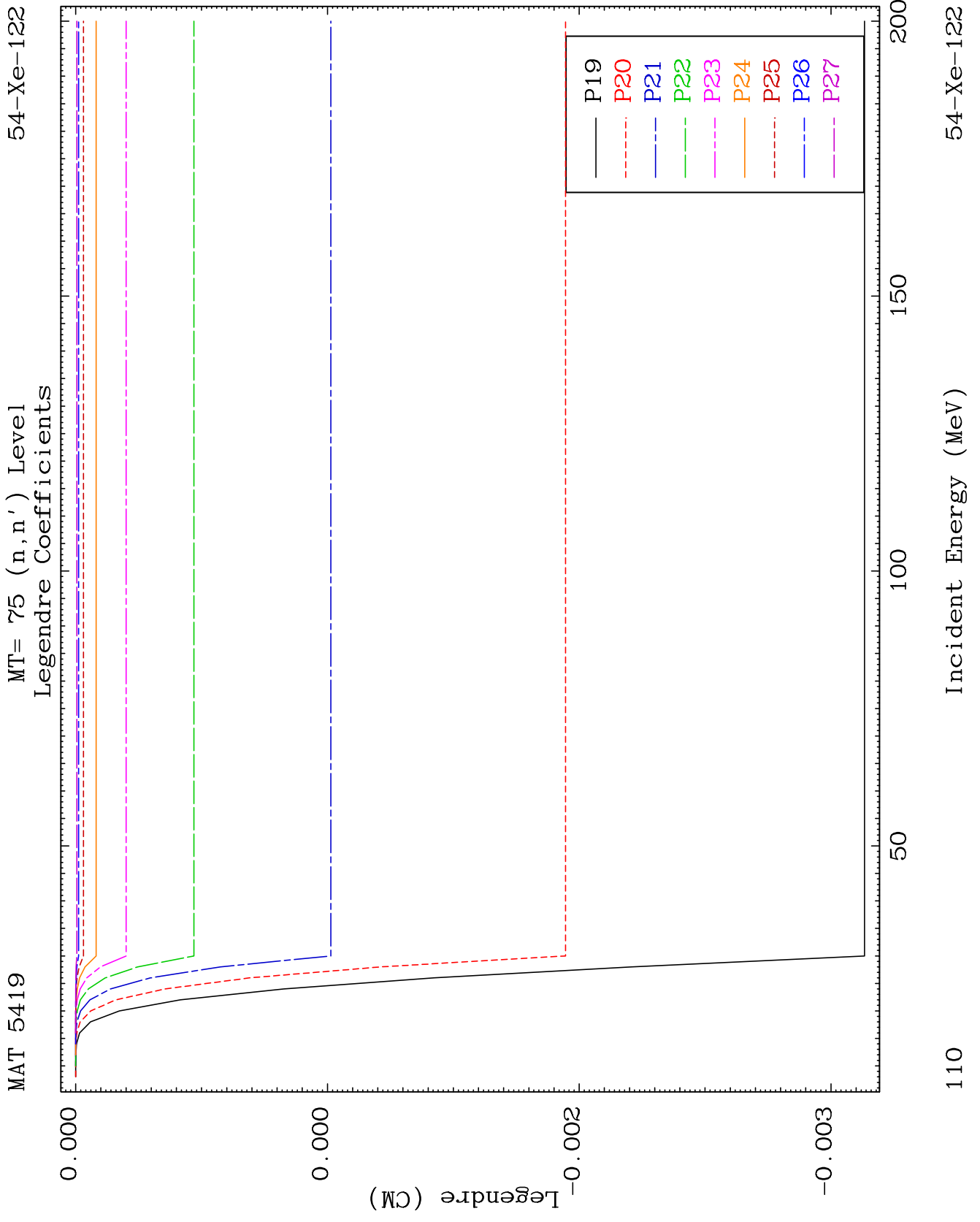
54-Xe-122

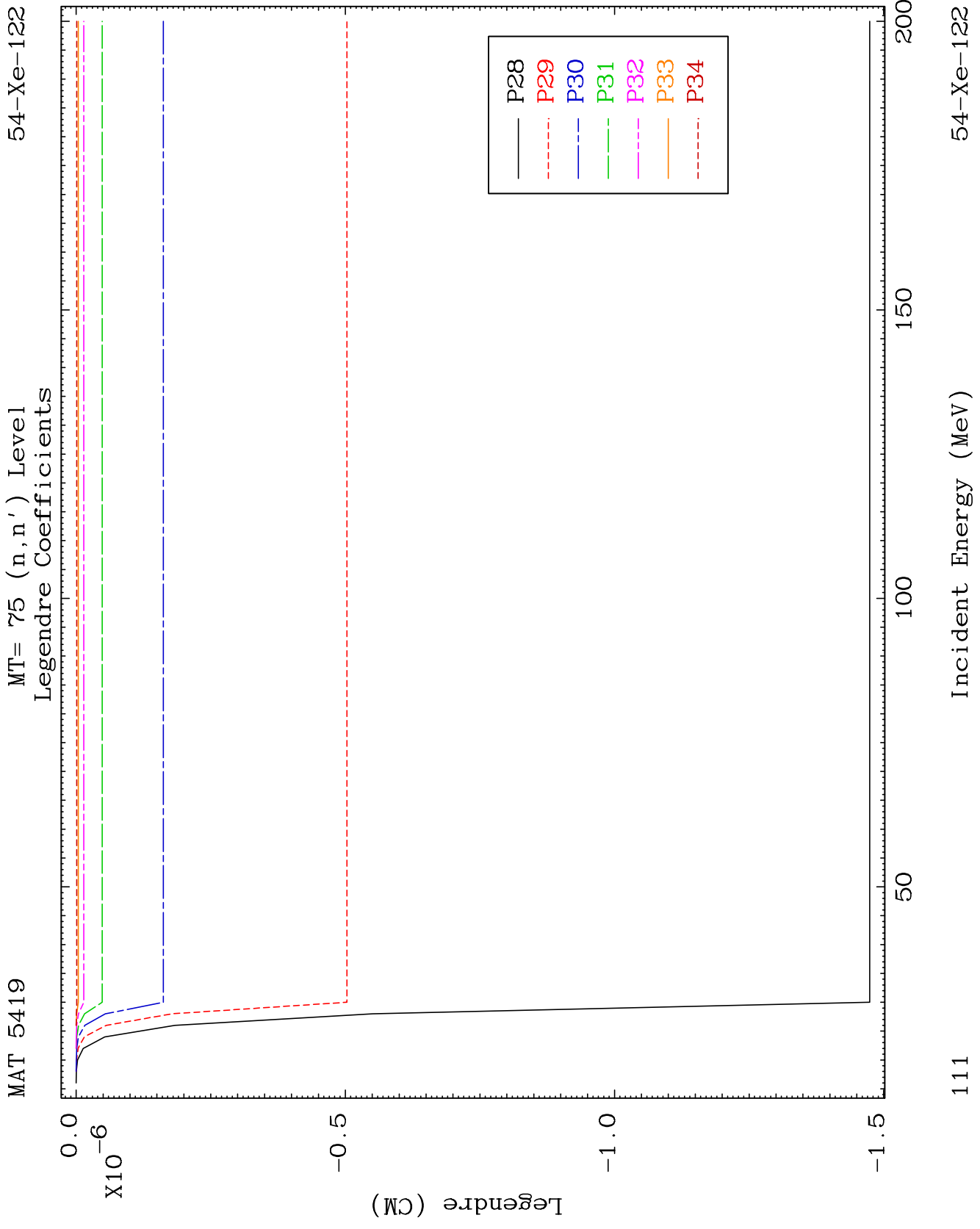


109

Incident Energy (MeV)

54-Xe-122

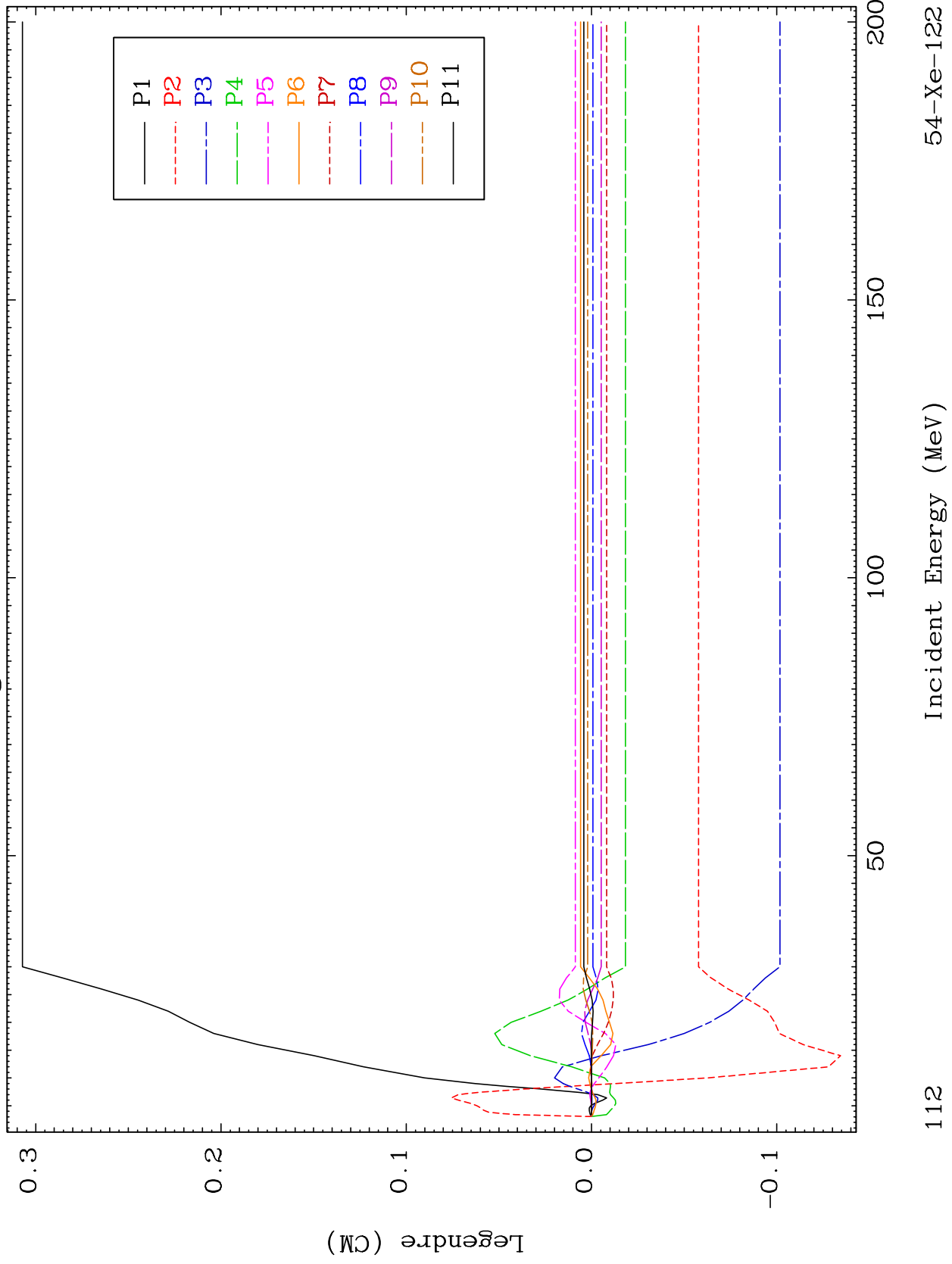




MAT 5419

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

54-Xe-122



54-Xe-122

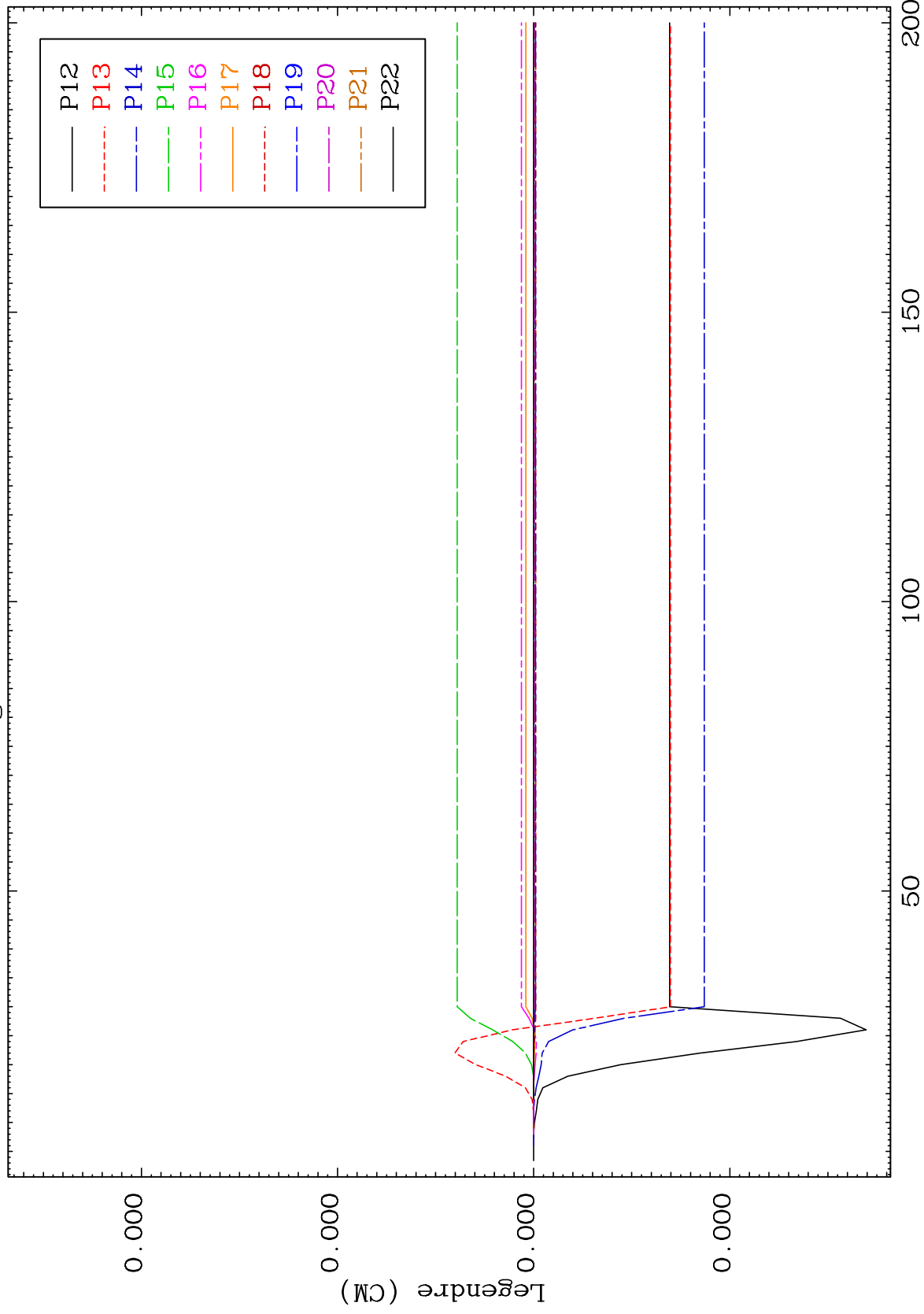
Incident Energy (MeV)

112

MAT 5419

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

54-Xe-122



113

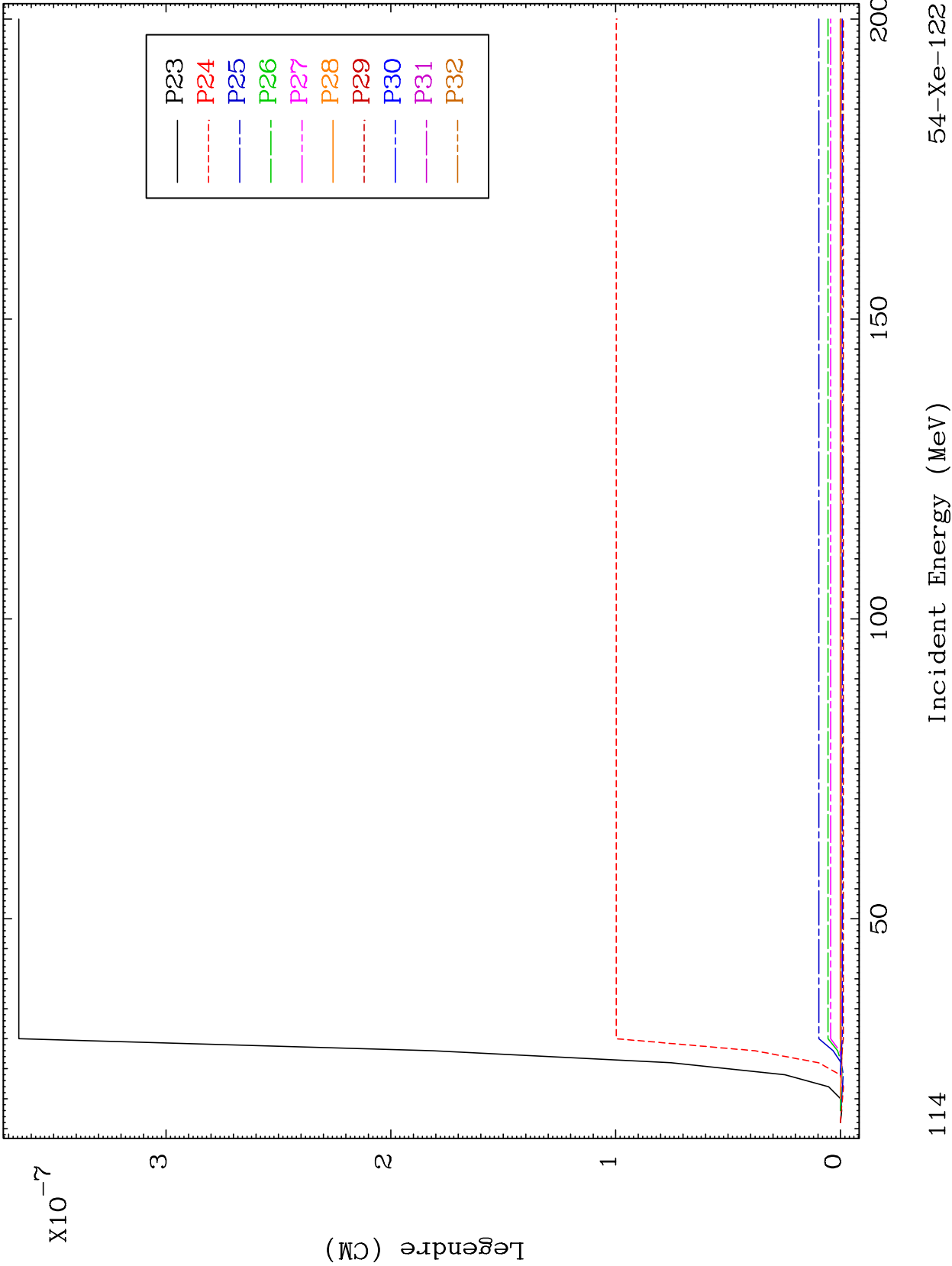
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

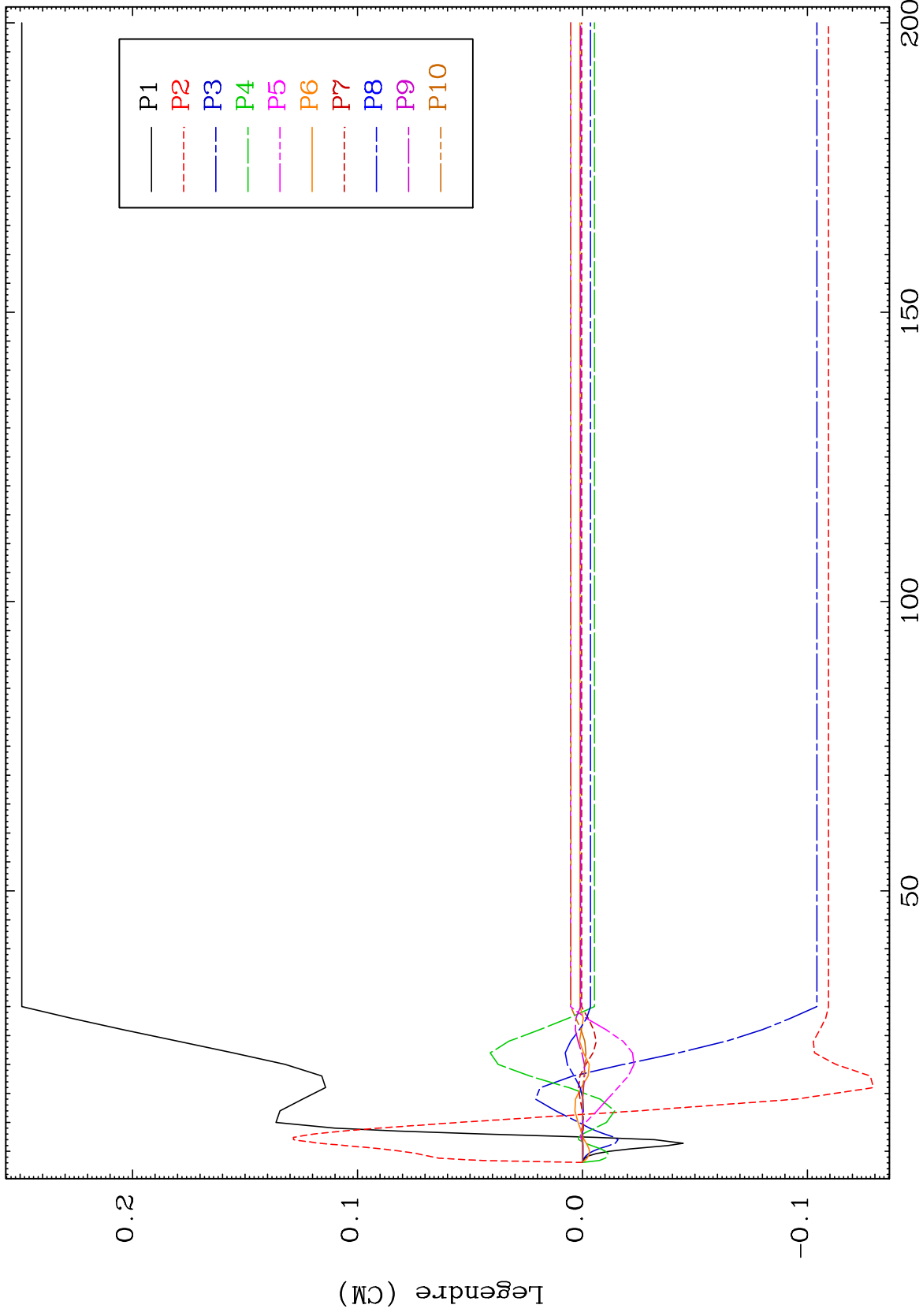
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

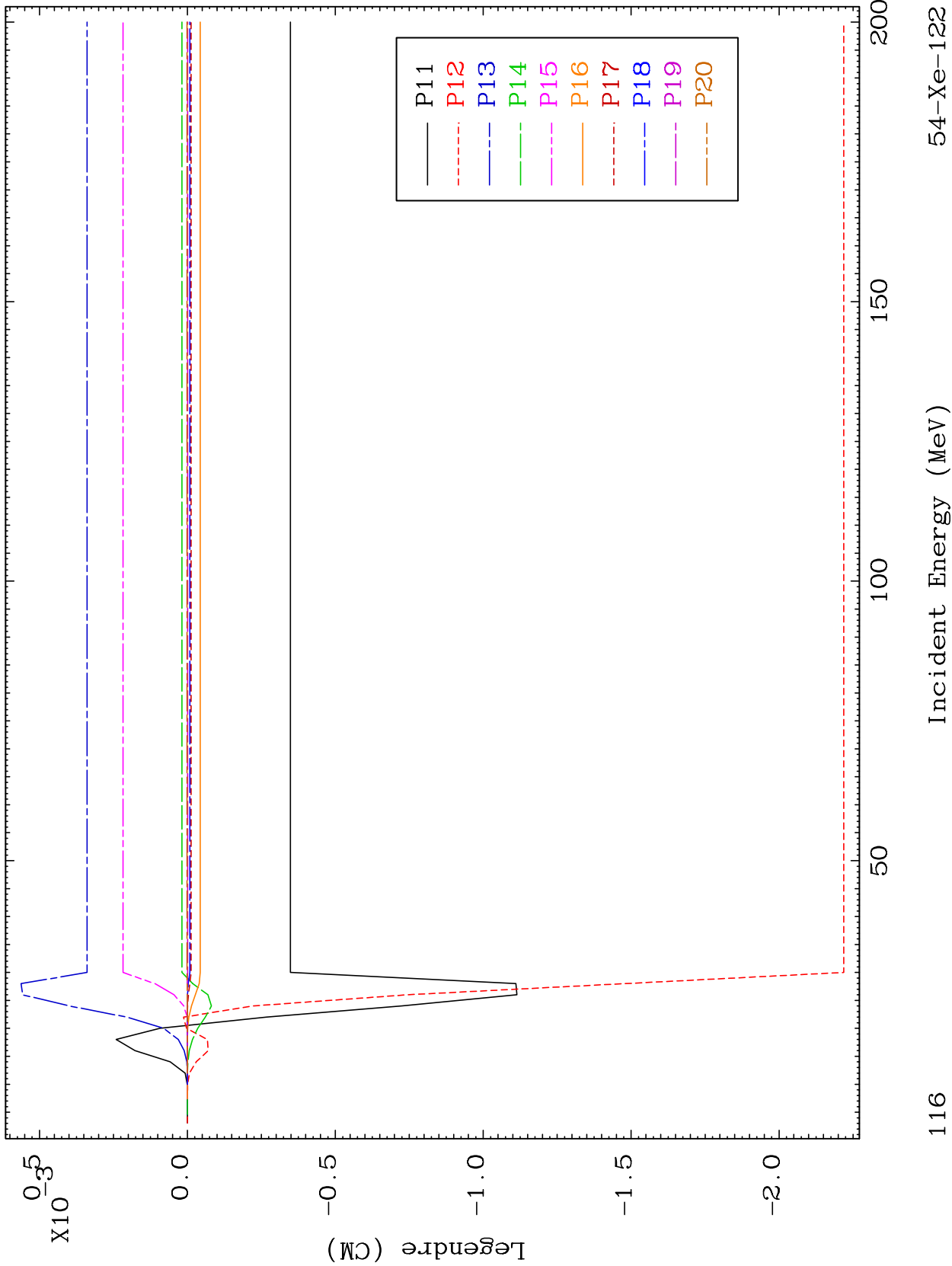
Incident Energy (MeV)

115

MAT 5419

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

54-Xe-122



116

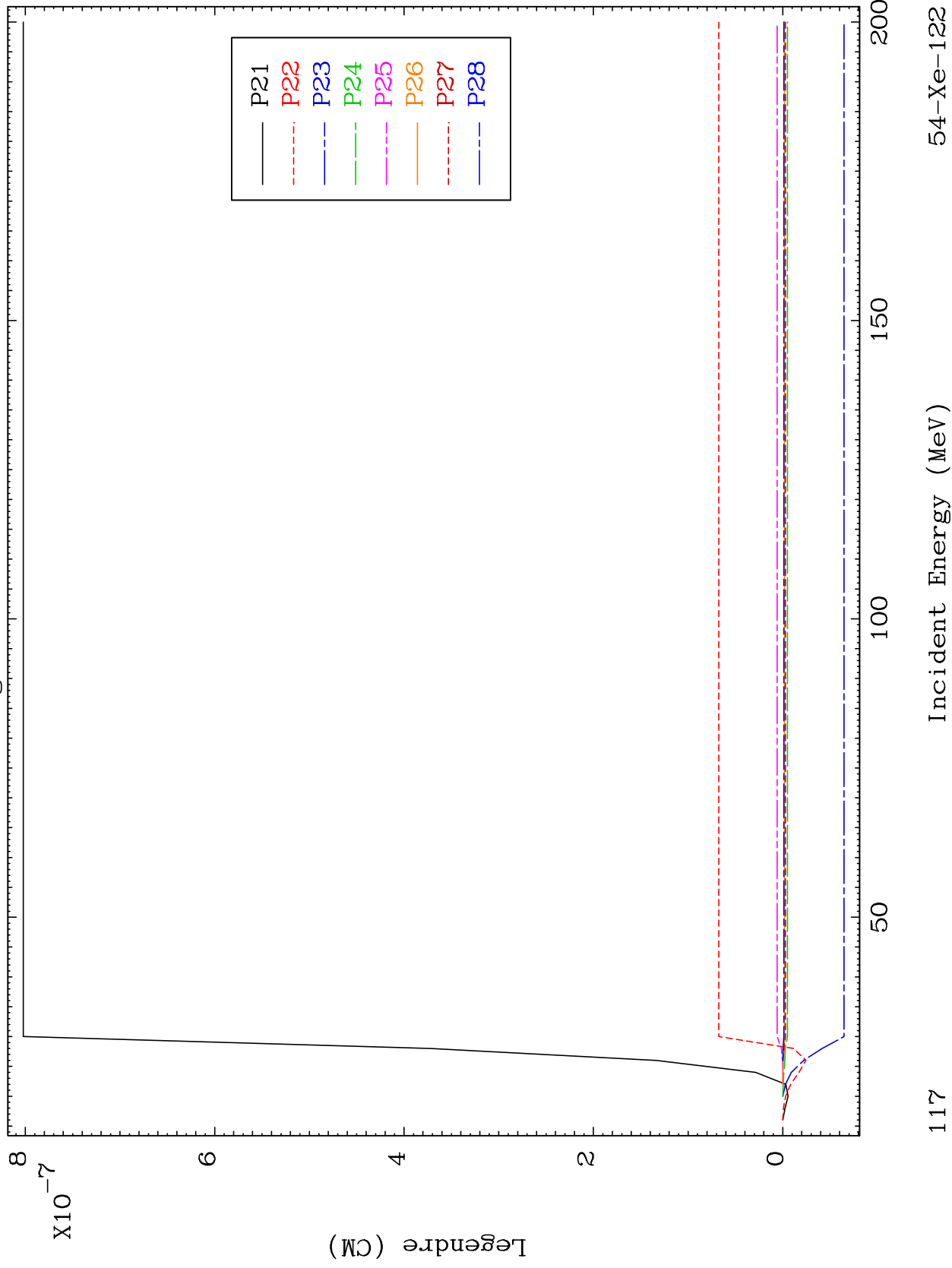
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

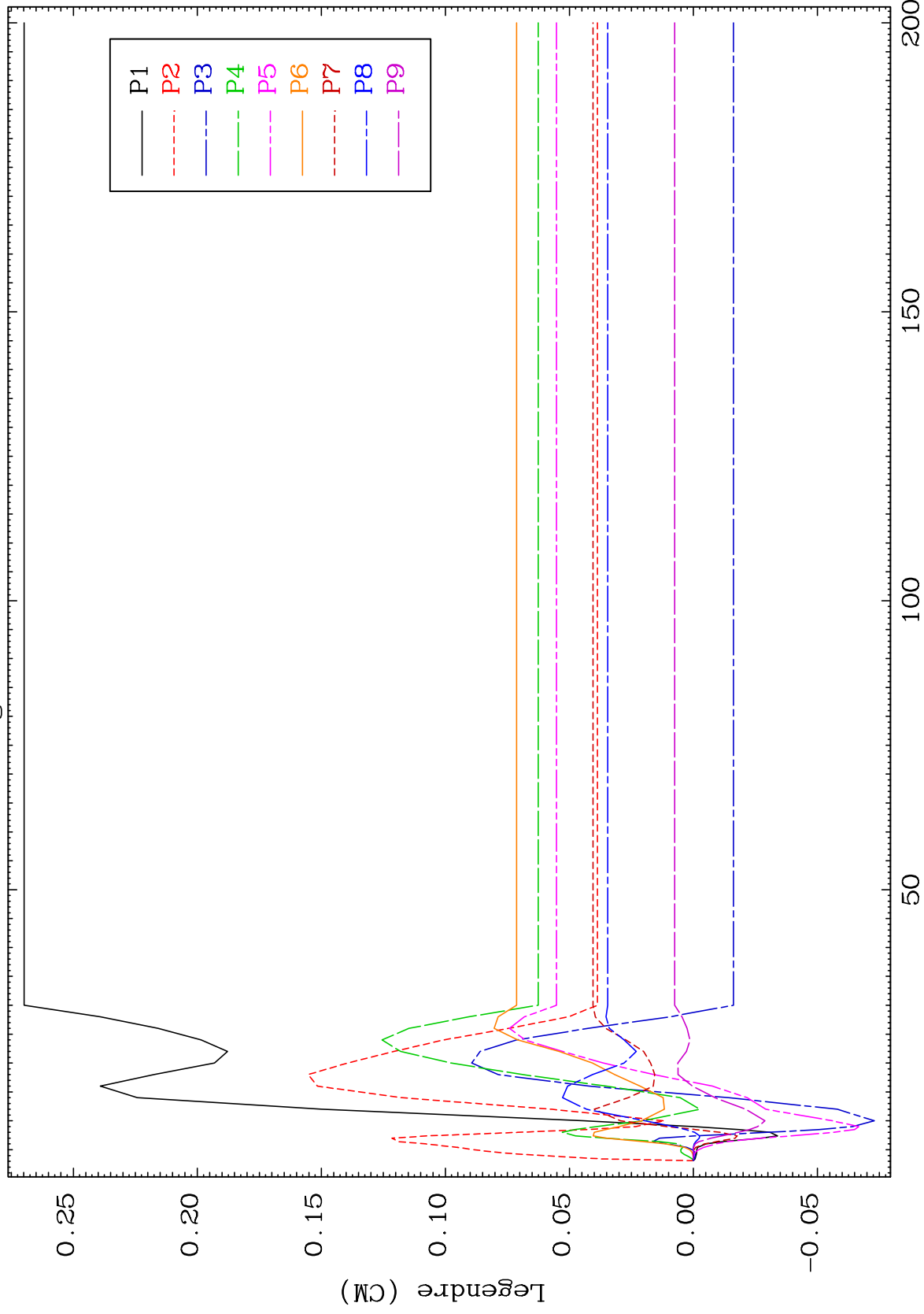
54-Xe-122



MAT 5419

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

54-Xe-122



118

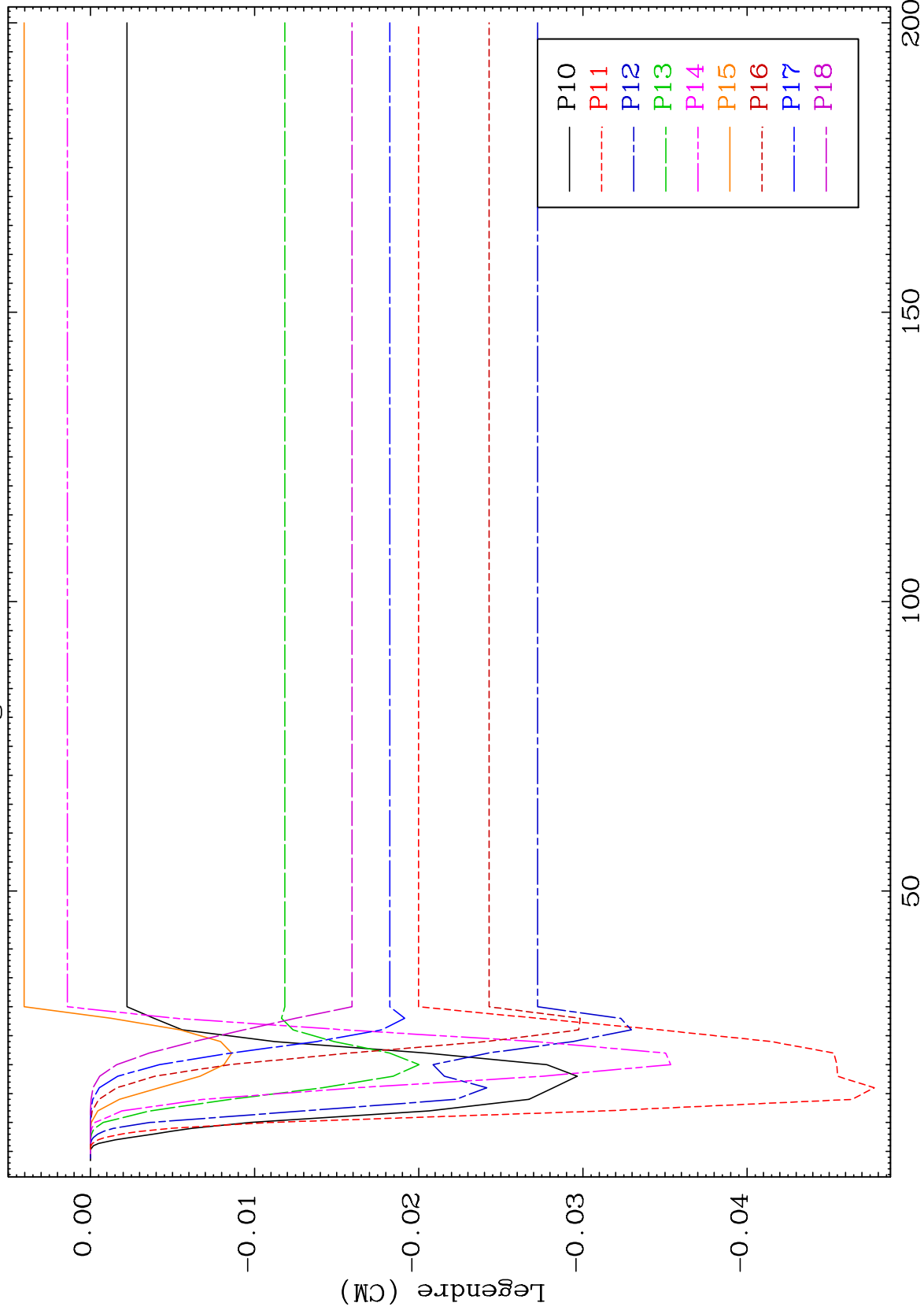
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



119

Incident Energy (MeV)

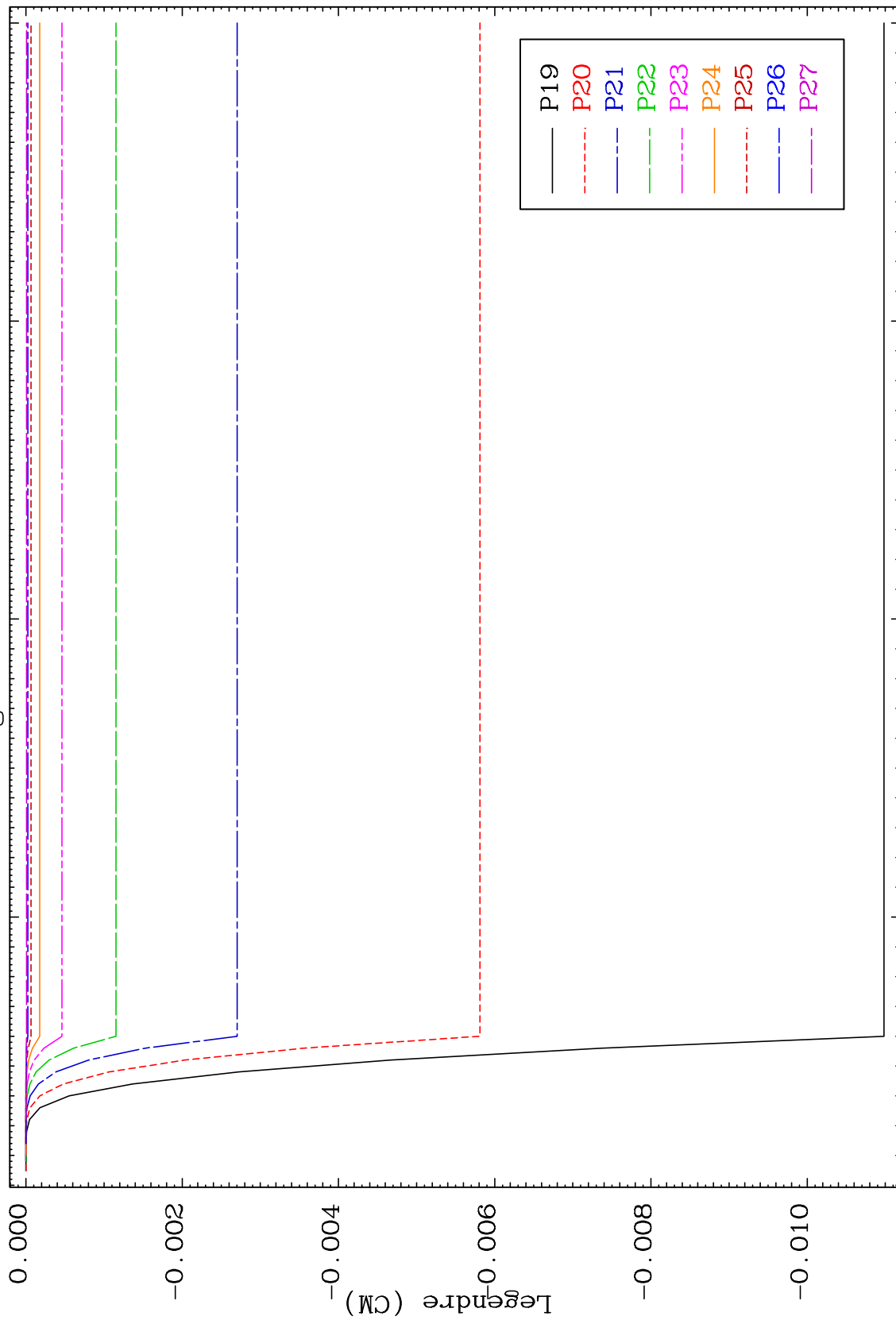
54-Xe-122

MAT 5419

MT= 78 (n,n') Level

54-Xe-122

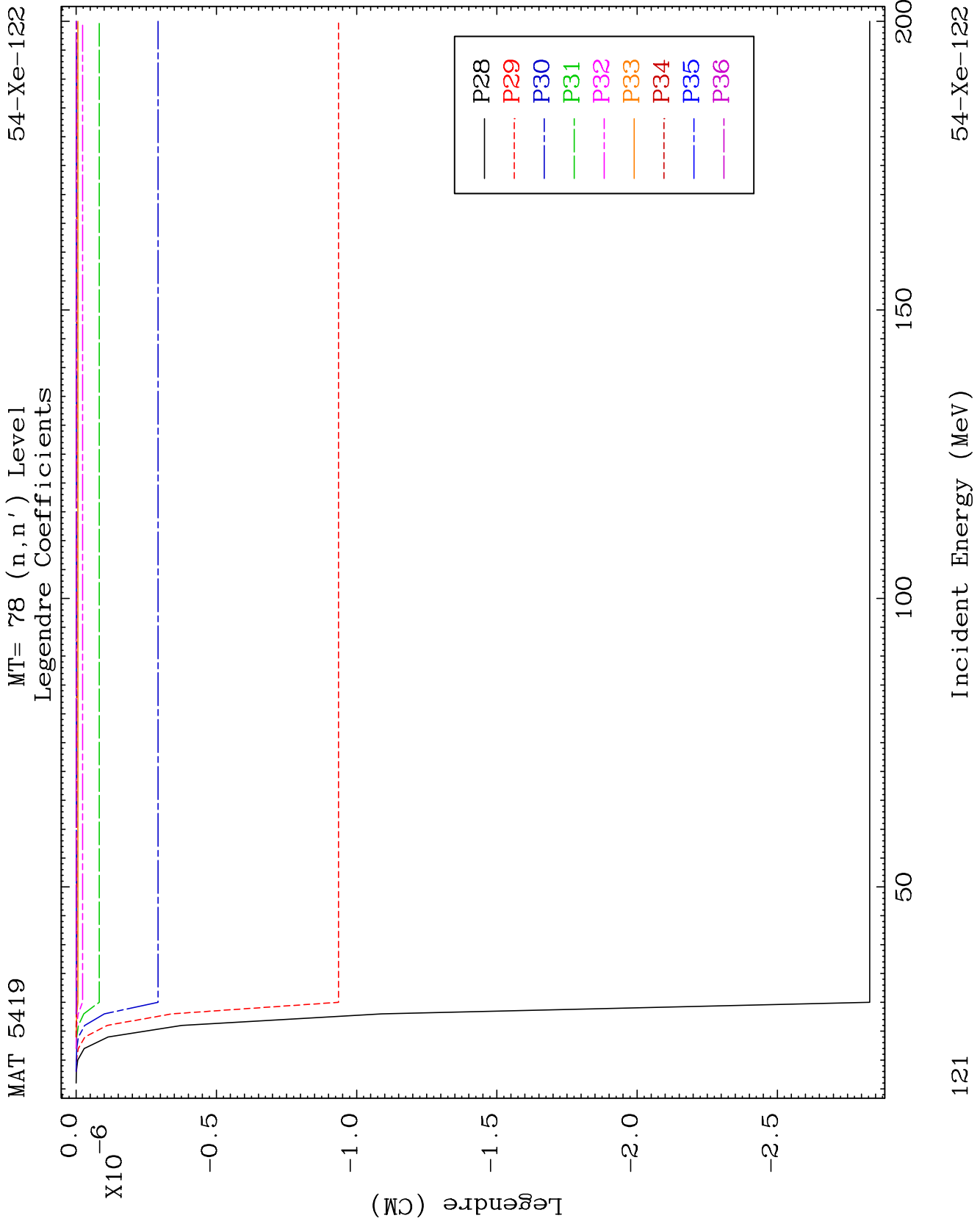
Legendre Coefficients



54-Xe-122

Incident Energy (MeV)

120

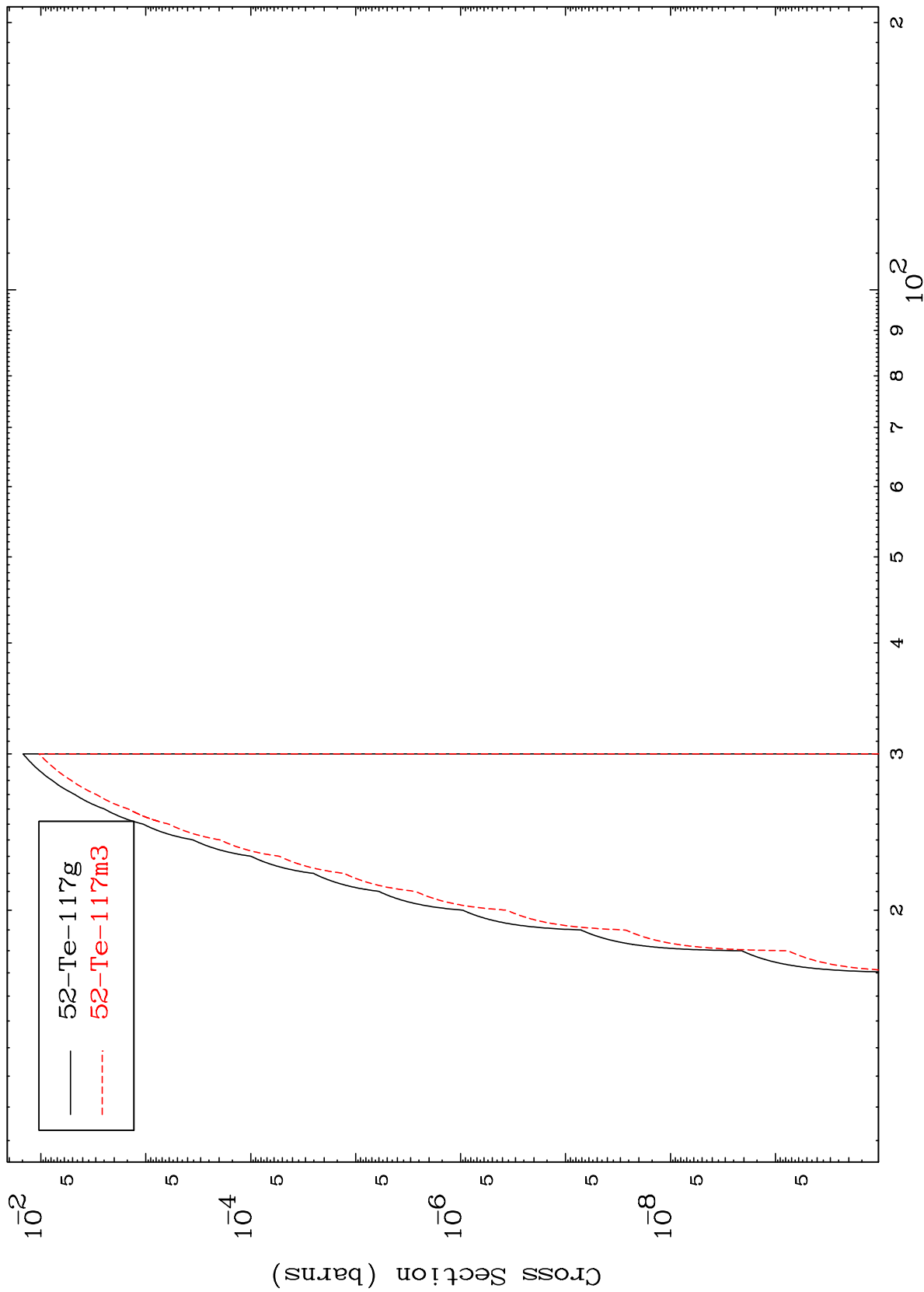


MAT 5419

(n,2n) α

54-Xe-122

Radionuclide Production Cross Section



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

122

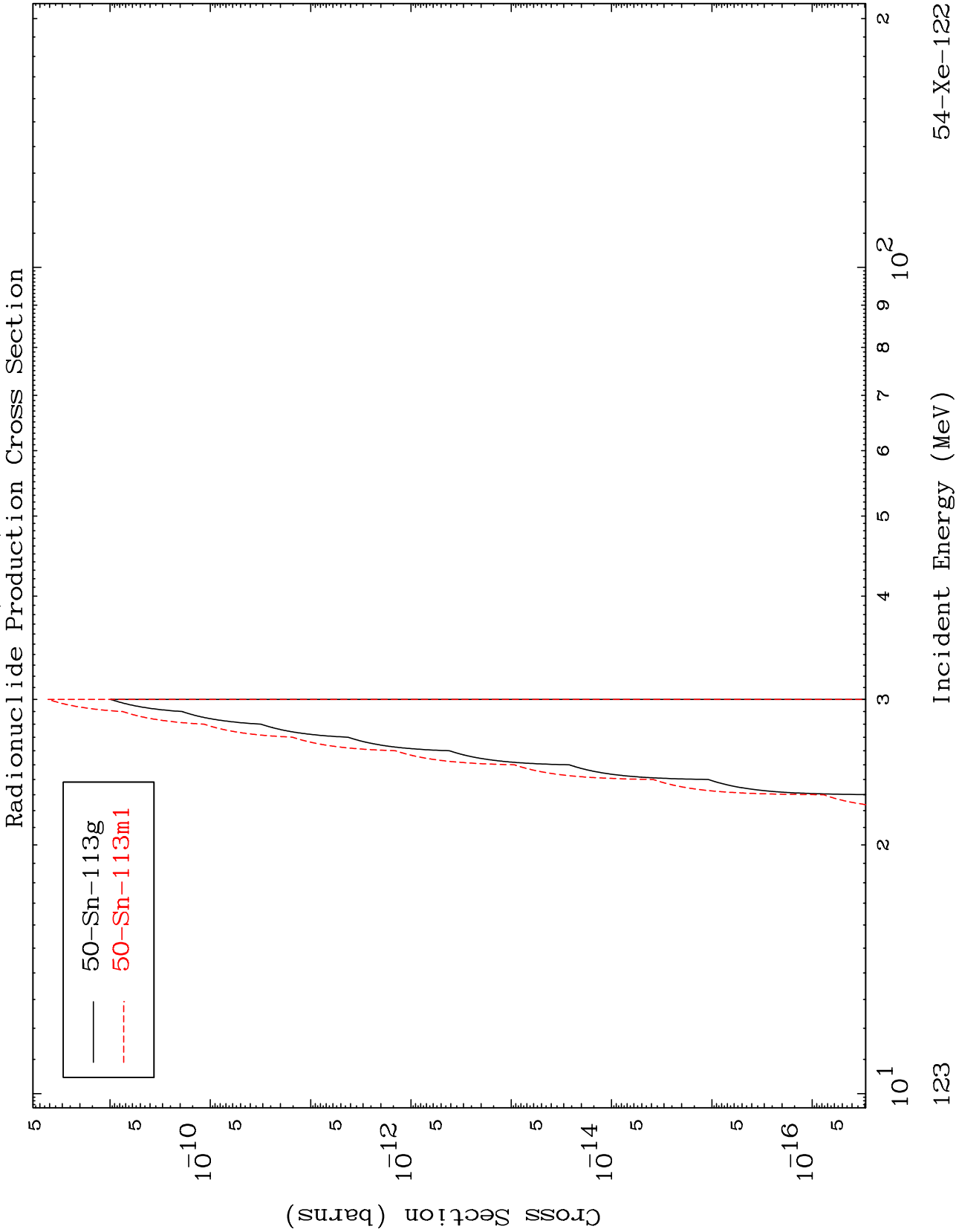
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,2n) 2 α

54-Xe-122

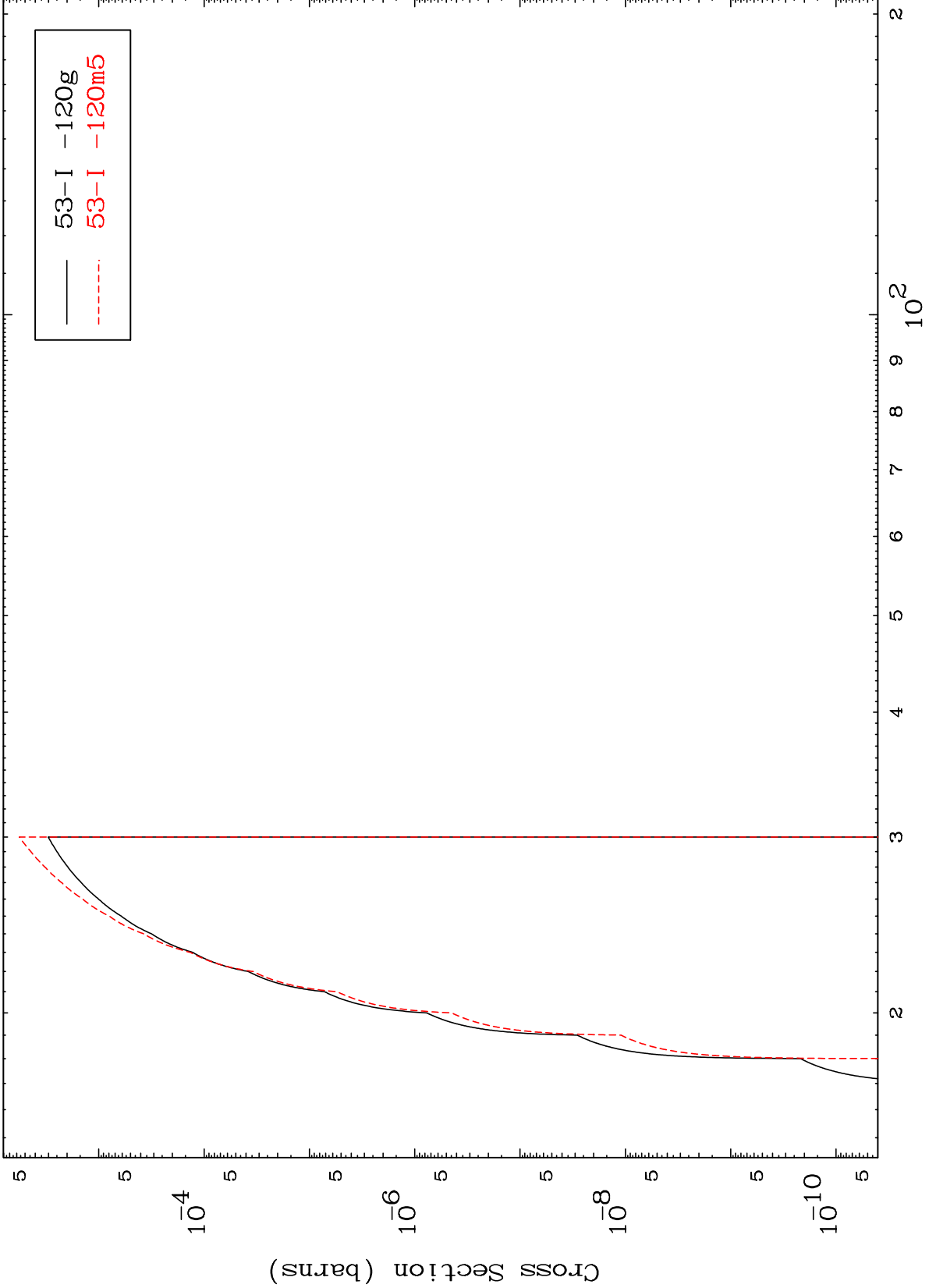


MAT 5419

(n,n') d

54-Xe-122

Radionuclide Production Cross Section



124

Incident Energy (MeV)

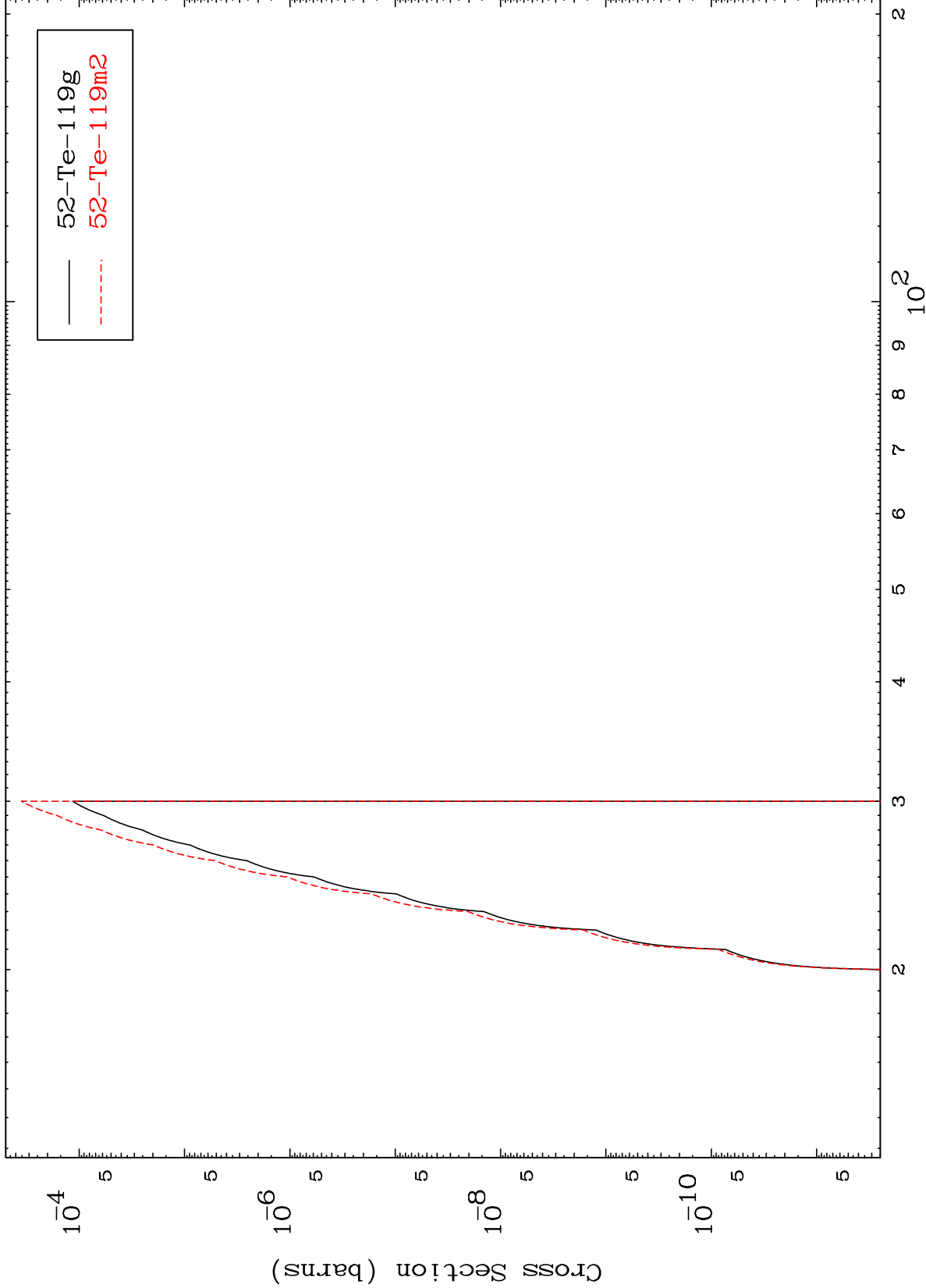
54-Xe-122

MAT 5419

(n,n') He-3

54-Xe-122

Radionuclide Production Cross Section



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

125

Incident Energy (MeV)

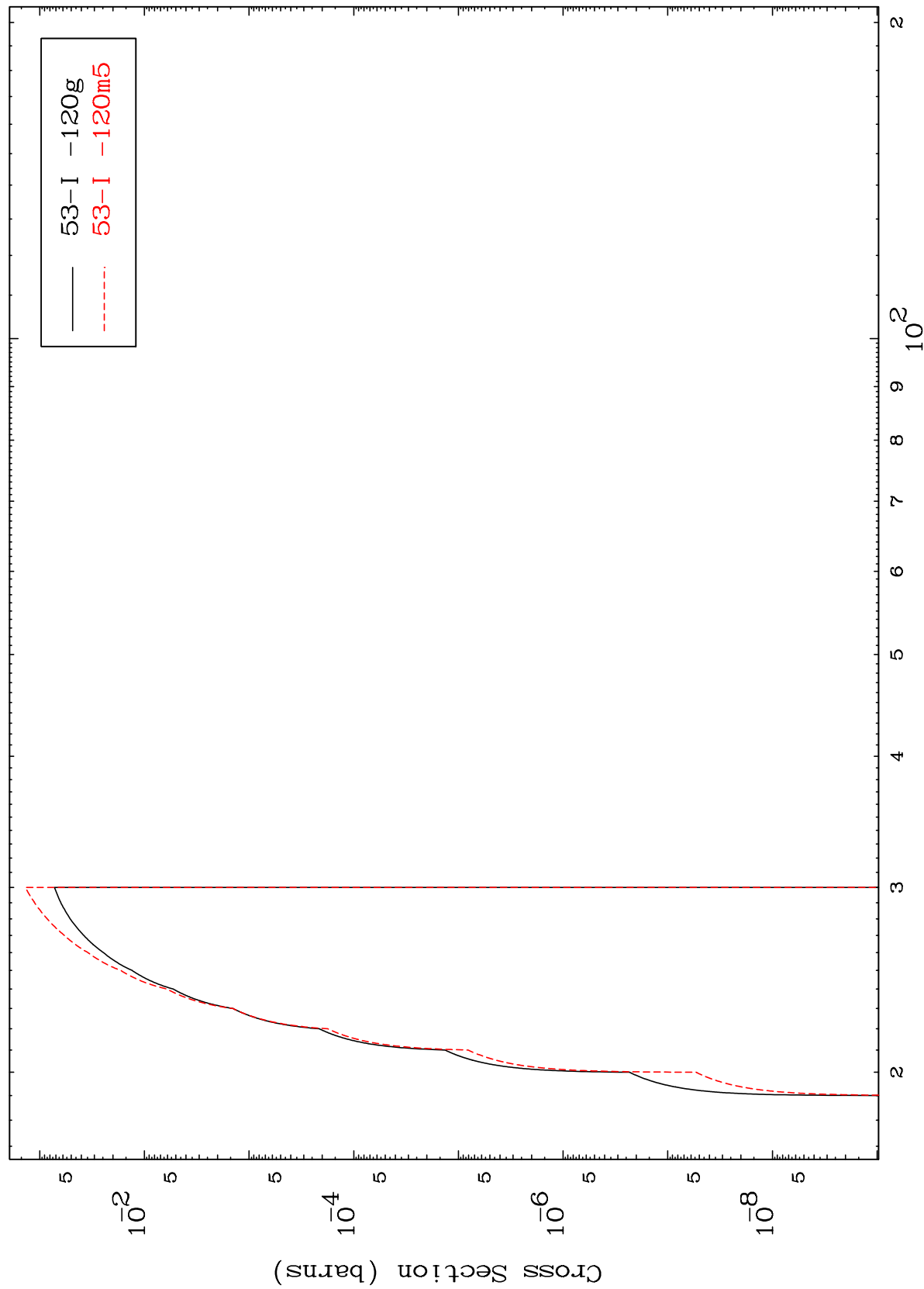
54-Xe-122

MAT 5419

(n,2n) p

54-Xe-122

Radionuclide Production Cross Section



126

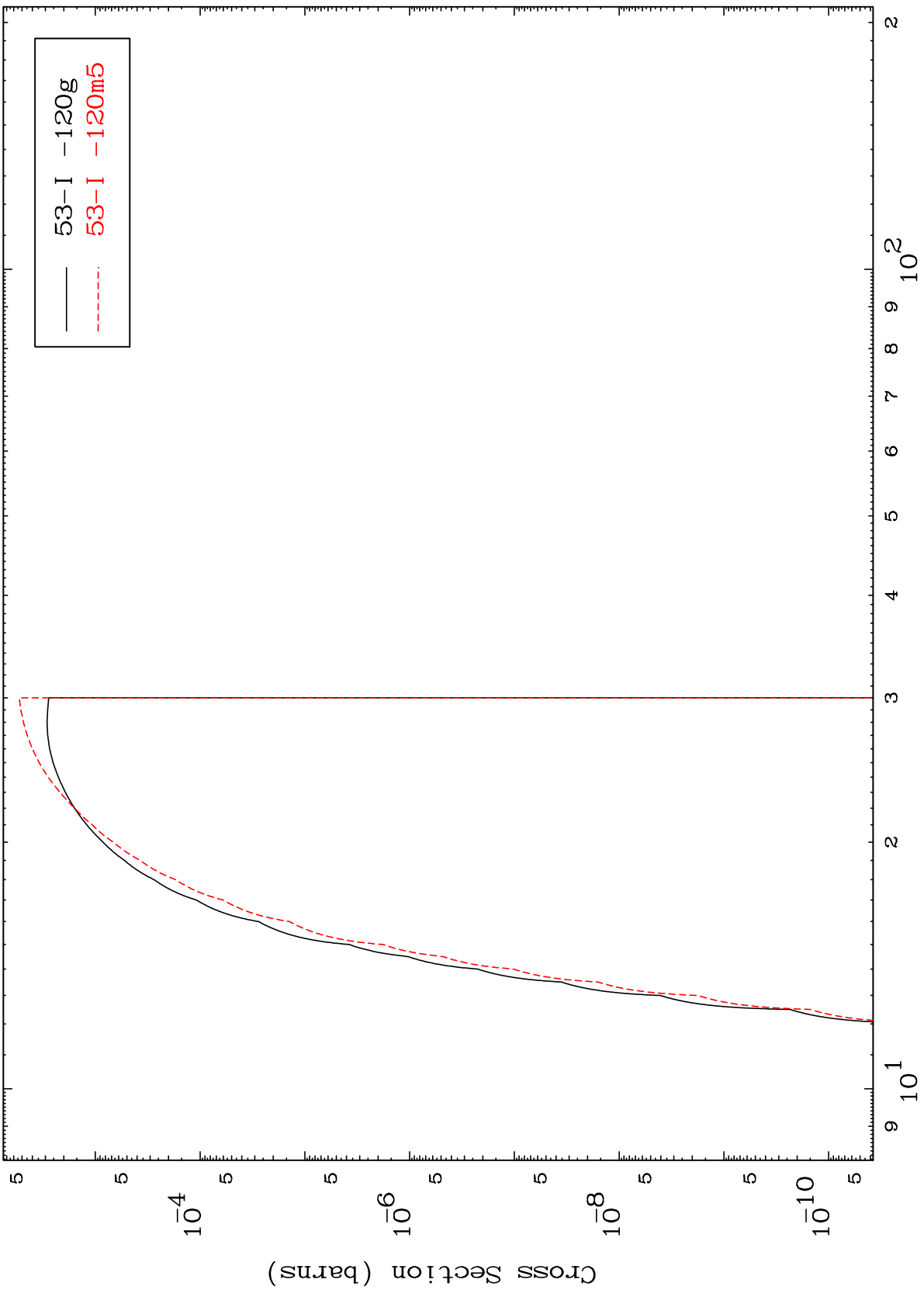
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

(n,t)
Radionuclide Production Cross Section



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

127

Incident Energy (MeV)

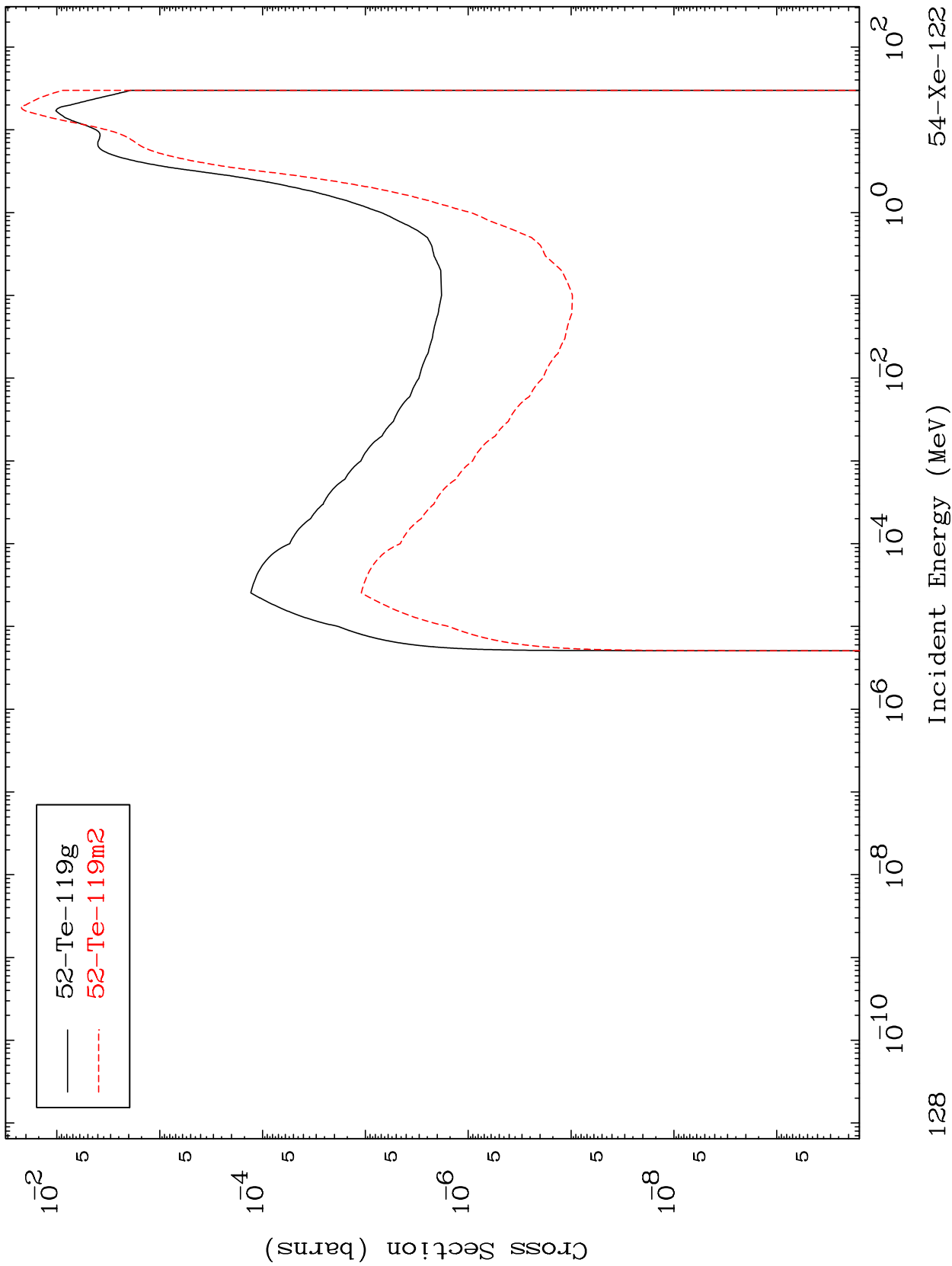
54-Xe-122

MAT 5419

(n, α)

54-Xe-122

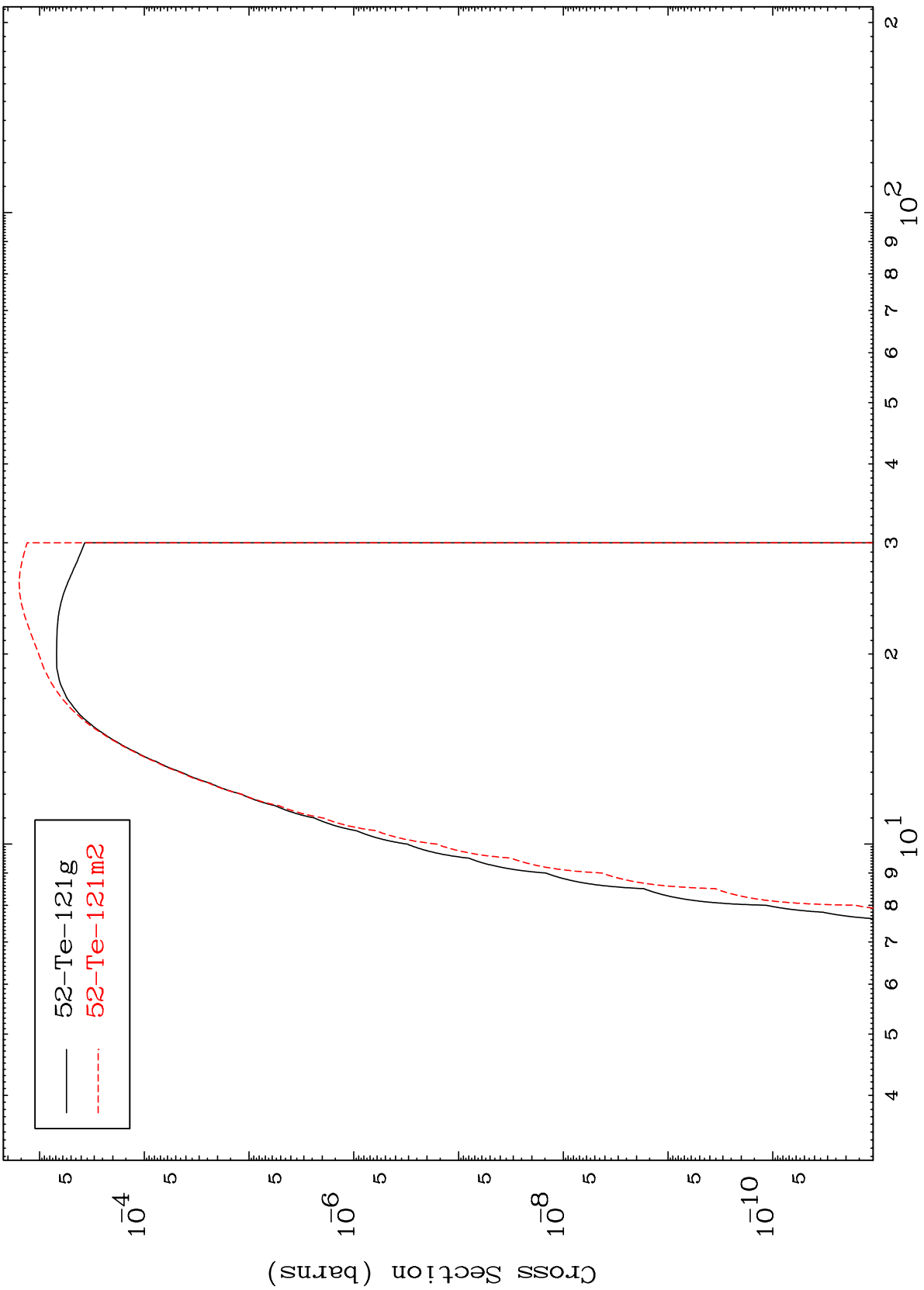
Radionuclide Production Cross Section



MAT 5419

54-Xe-122

Radionuclide Production Cross Section
(n,2p)



129

Incident Energy (MeV)

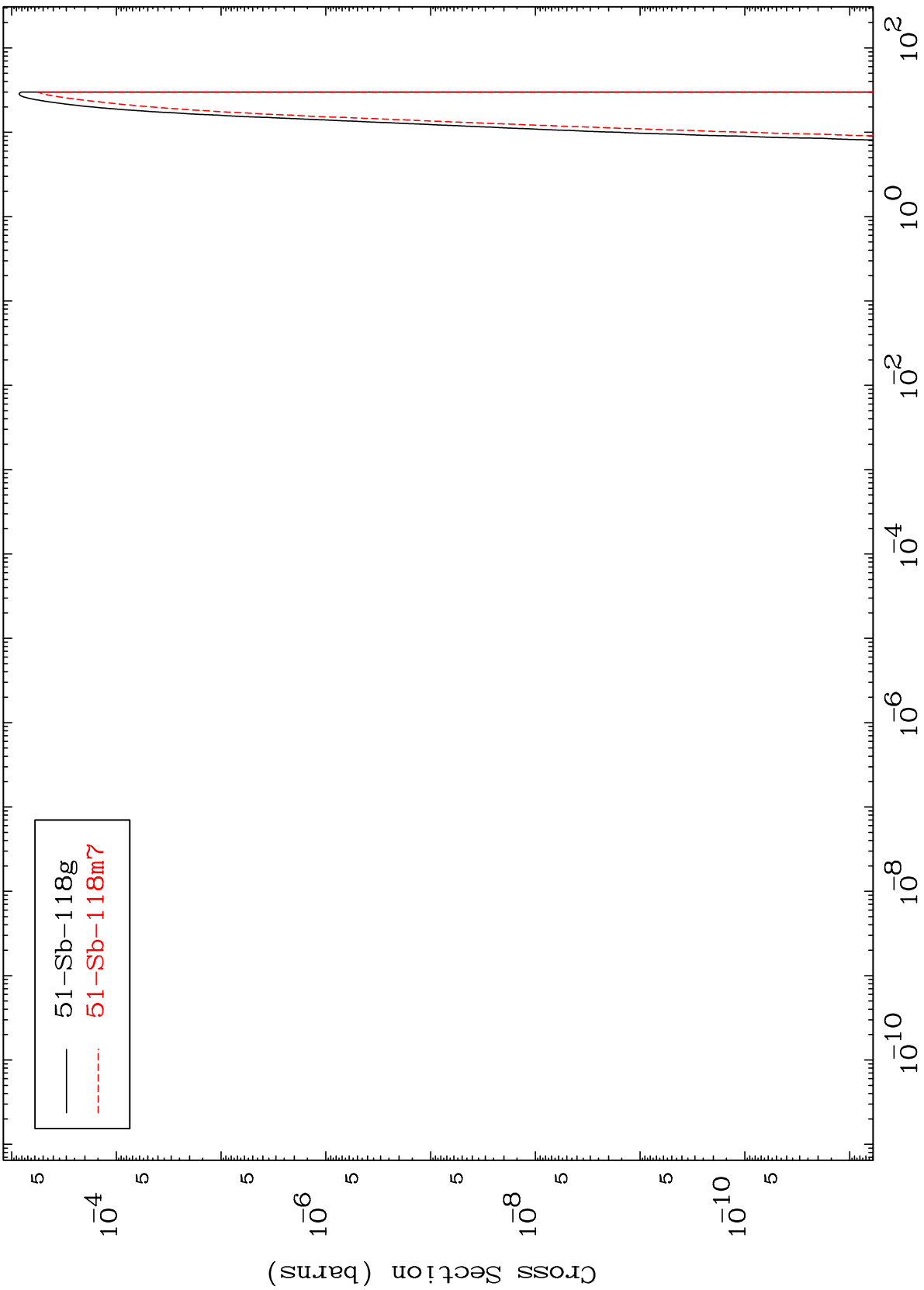
54-Xe-122

MAT 5419

(n,p) α

54-Xe-122

Radionuclide Production Cross Section



51-Sb-118g
51-Sb-118m7

130

Incident Energy (MeV)

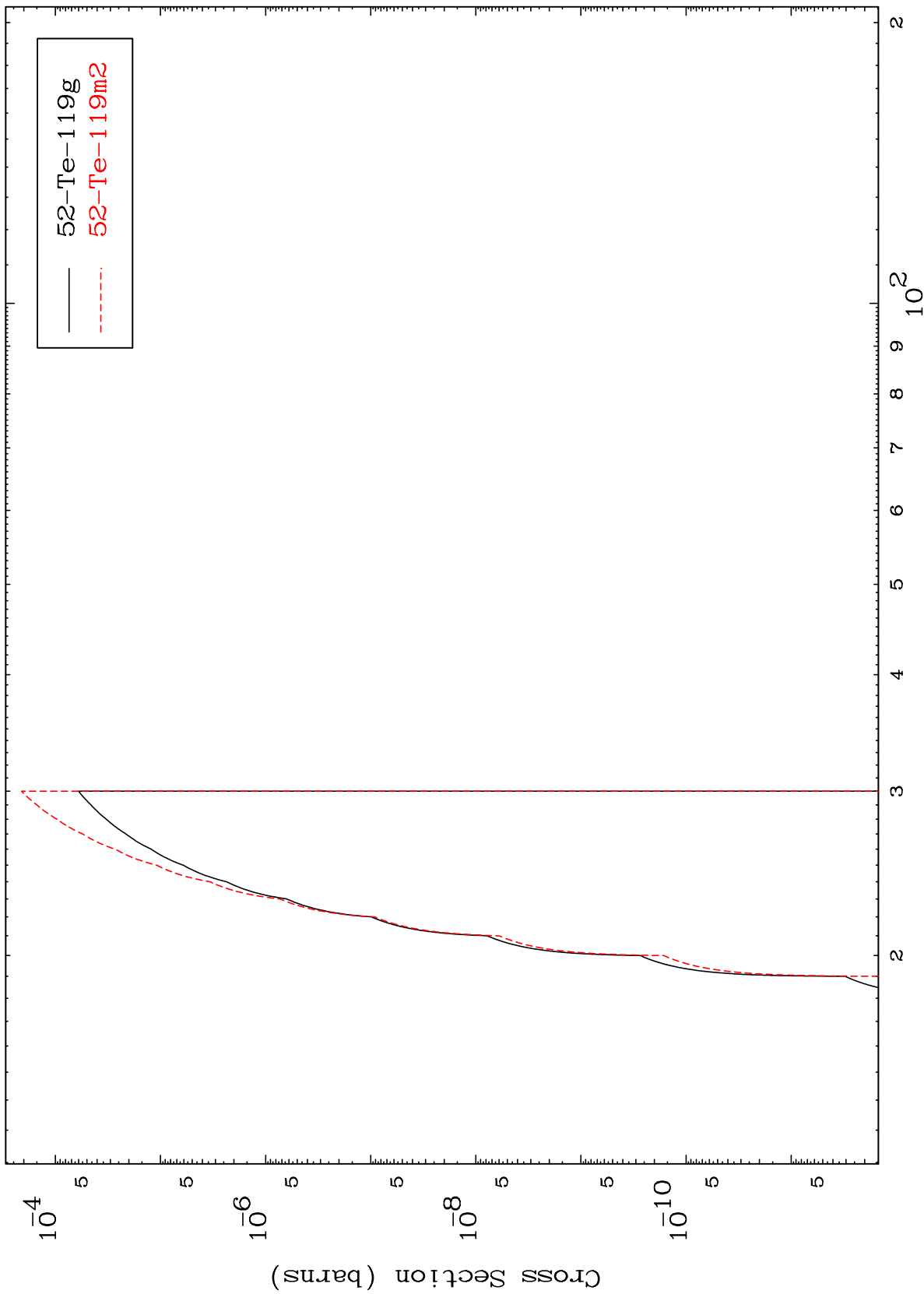
54-Xe-122

MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



131

Incident Energy (MeV)

54-Xe-122