

Program EVALPLOT
(Version 2021-1)

by

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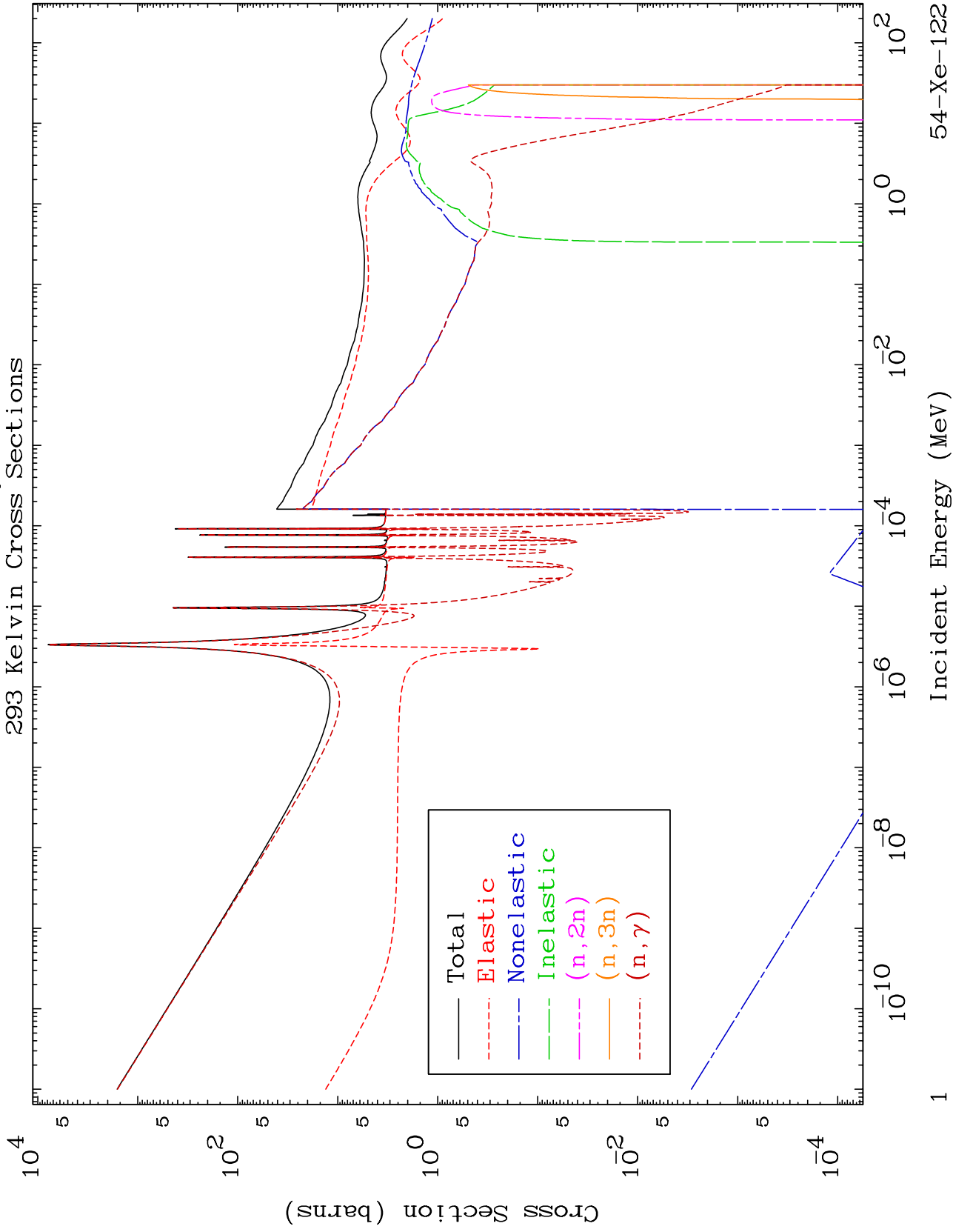
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Press Mouse Button to Start

MAT 5419

Neutron Major
293 Kelvin Cross Sections

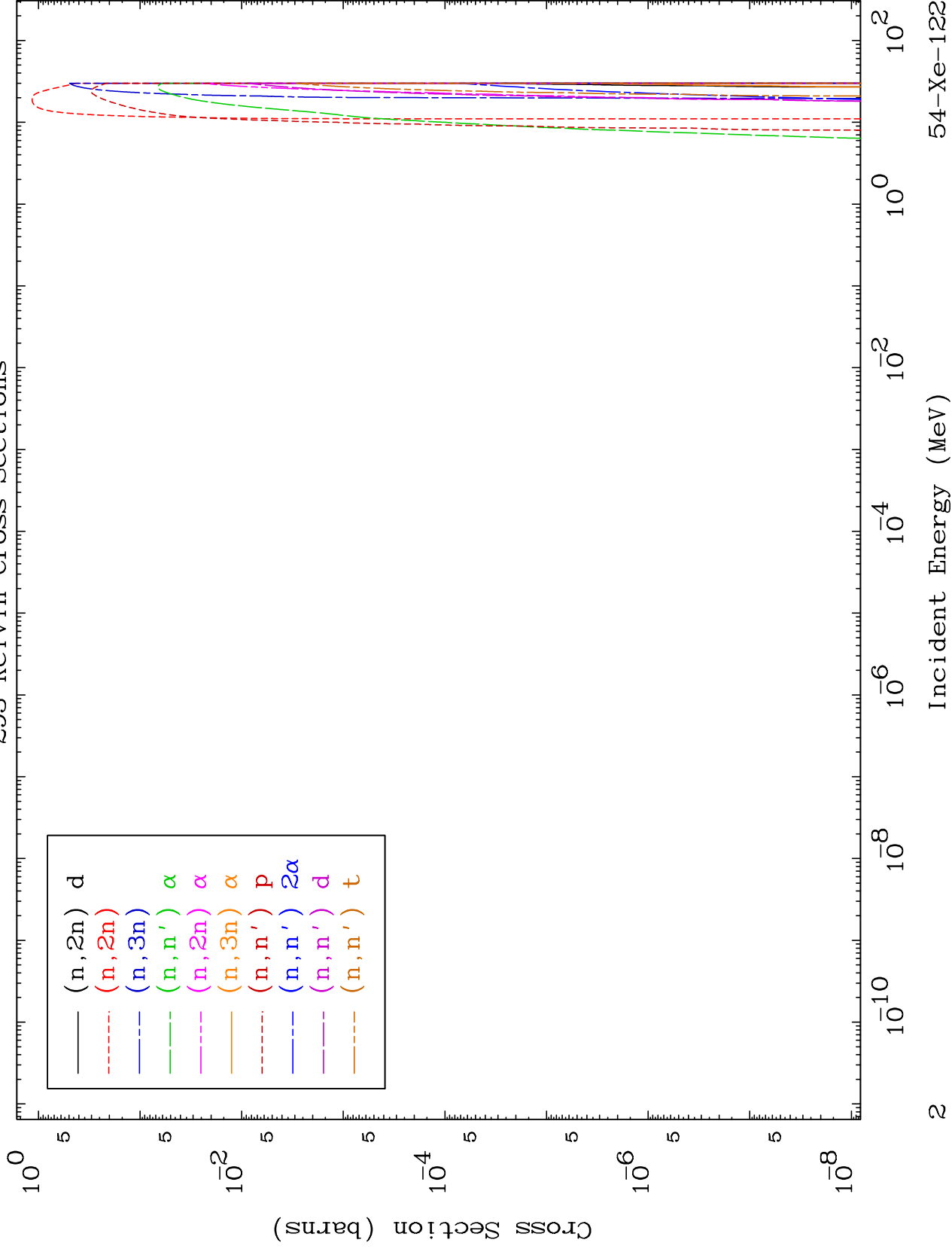
54-Xe-122



MAT 5419

Neutron Absorption
293 Kelvin Cross Sections

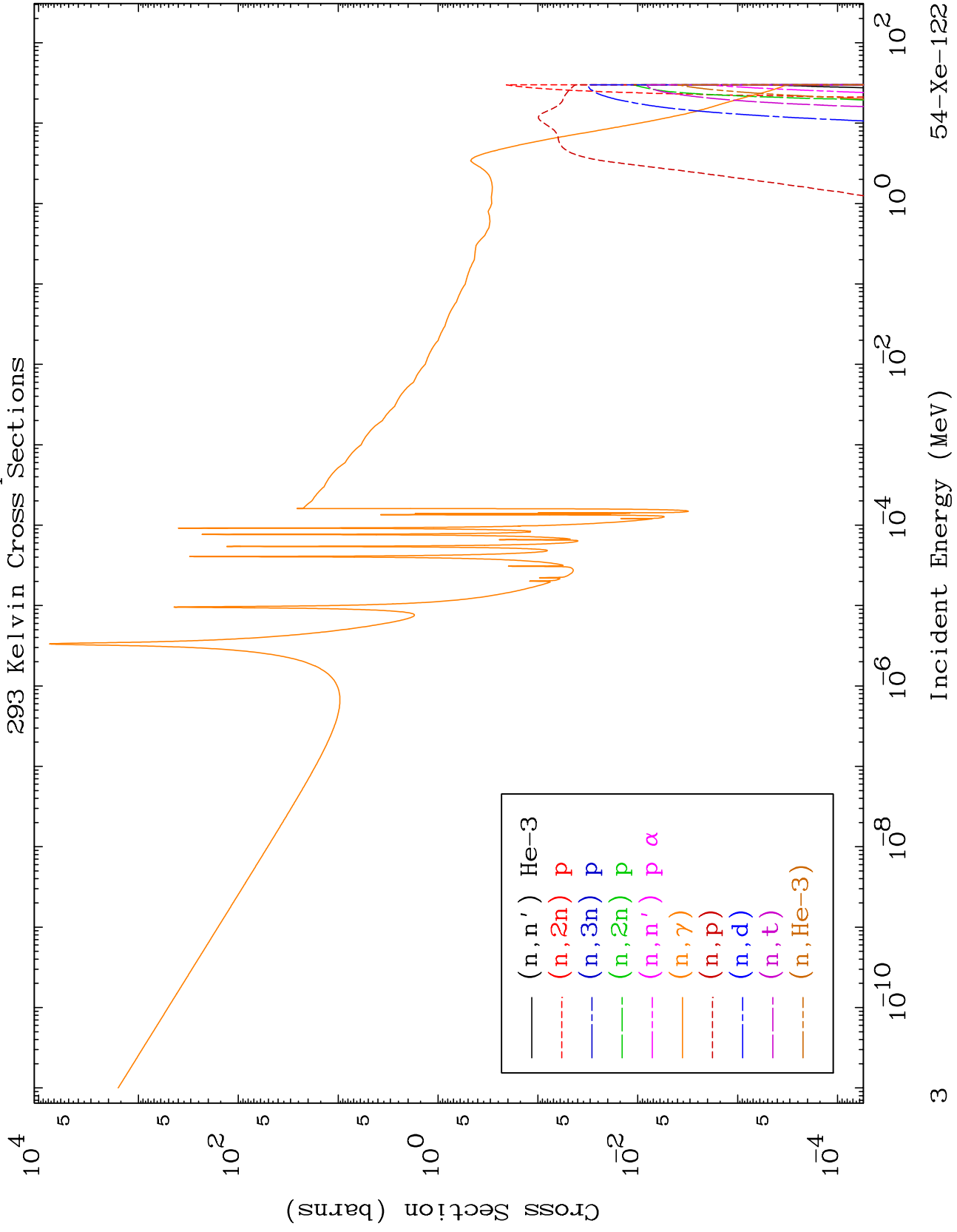
54-Xe-122

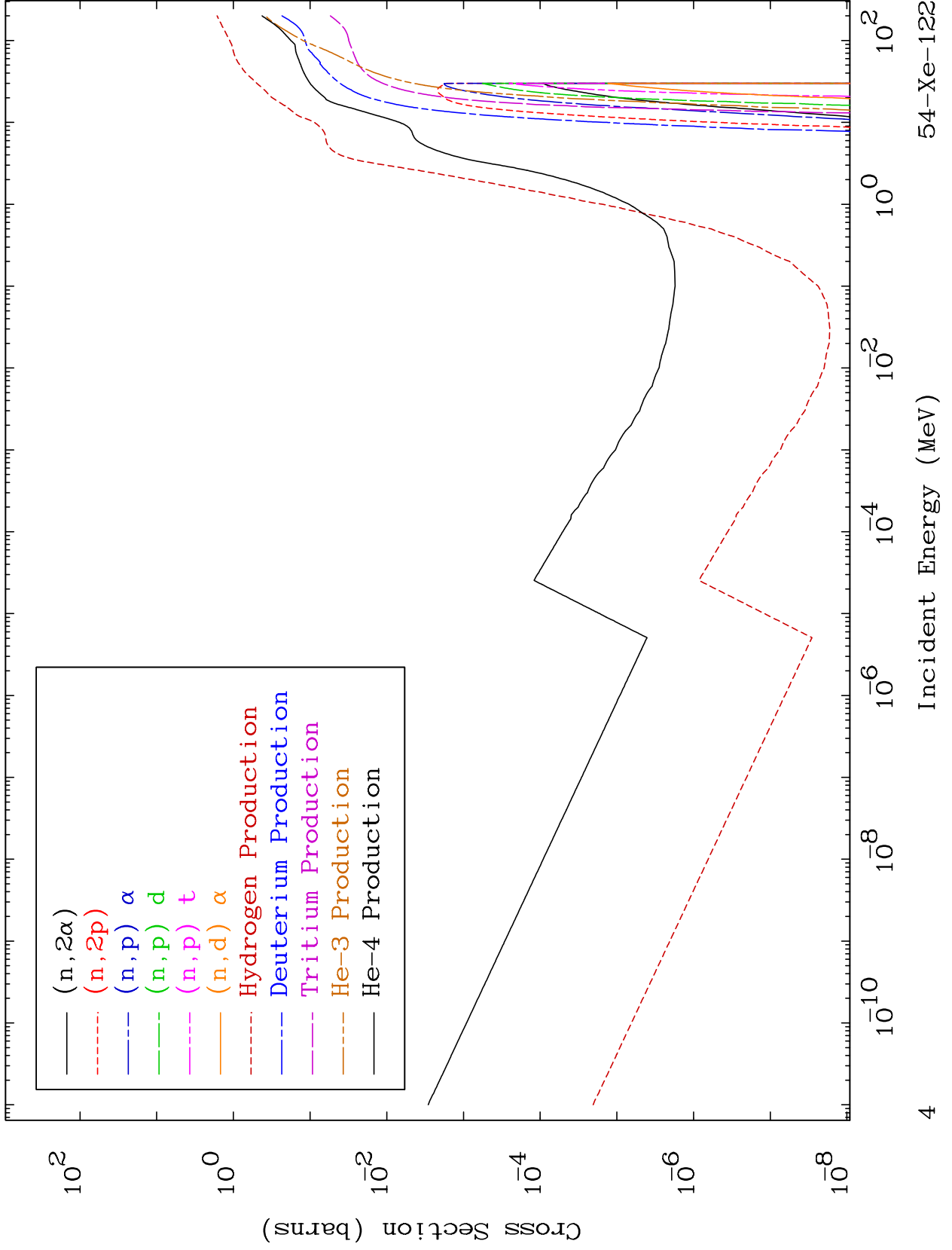


MAT 5419

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-122

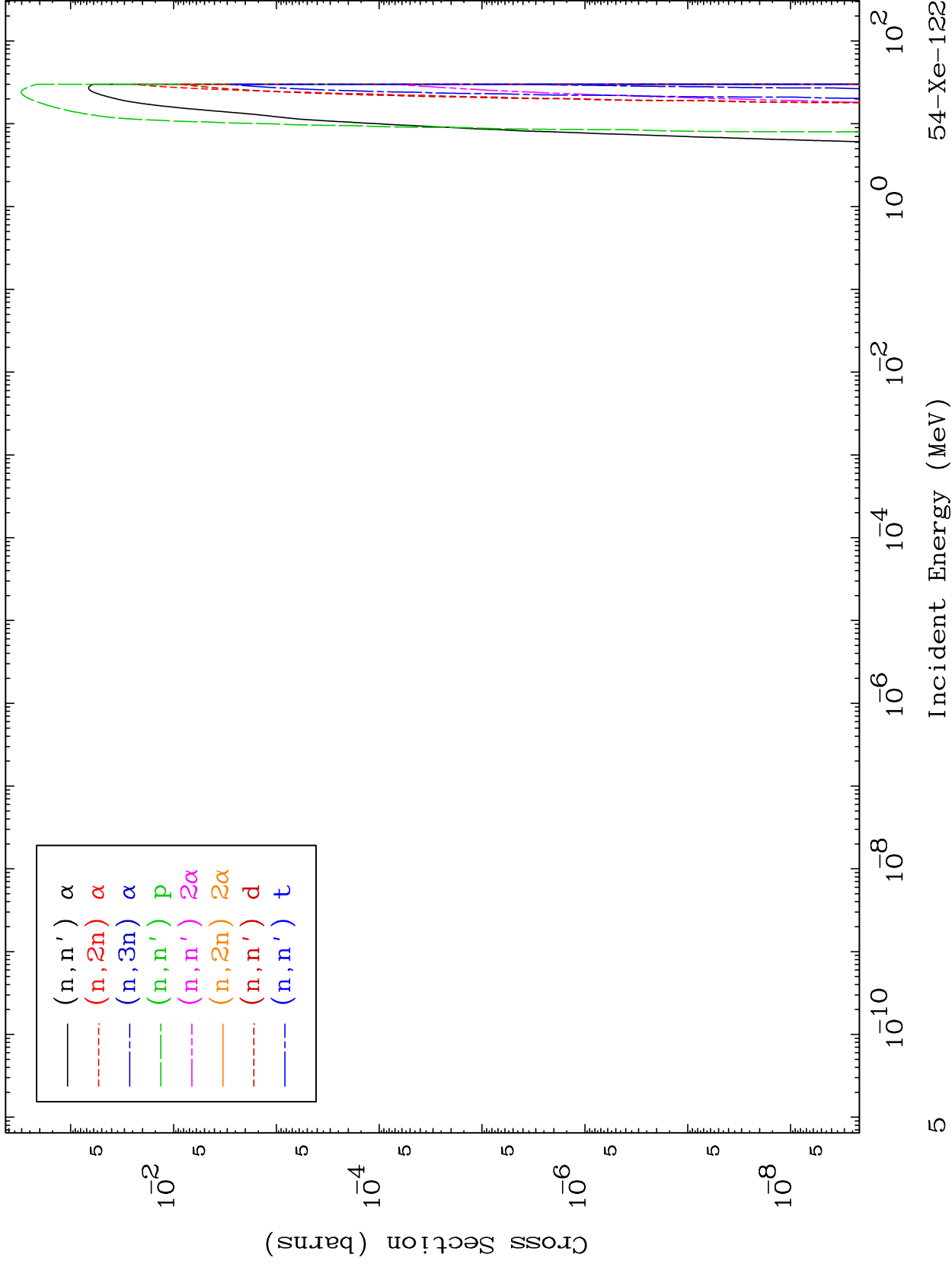




MAT 5419

Charged Particle
293 Kelvin Cross Sections

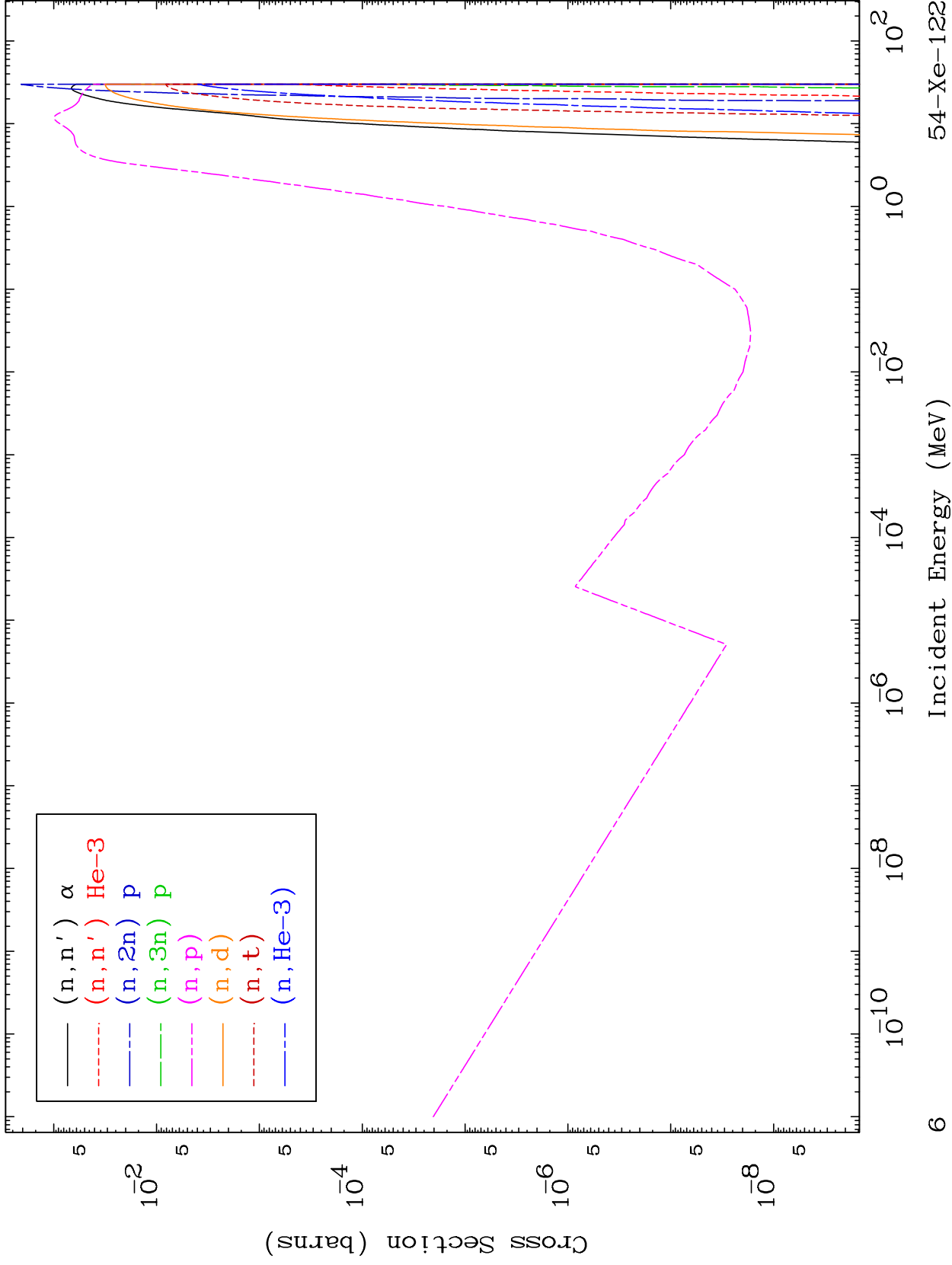
54-Xe-122



MAT 5419

Charged Particle
293 Kelvin Cross Sections

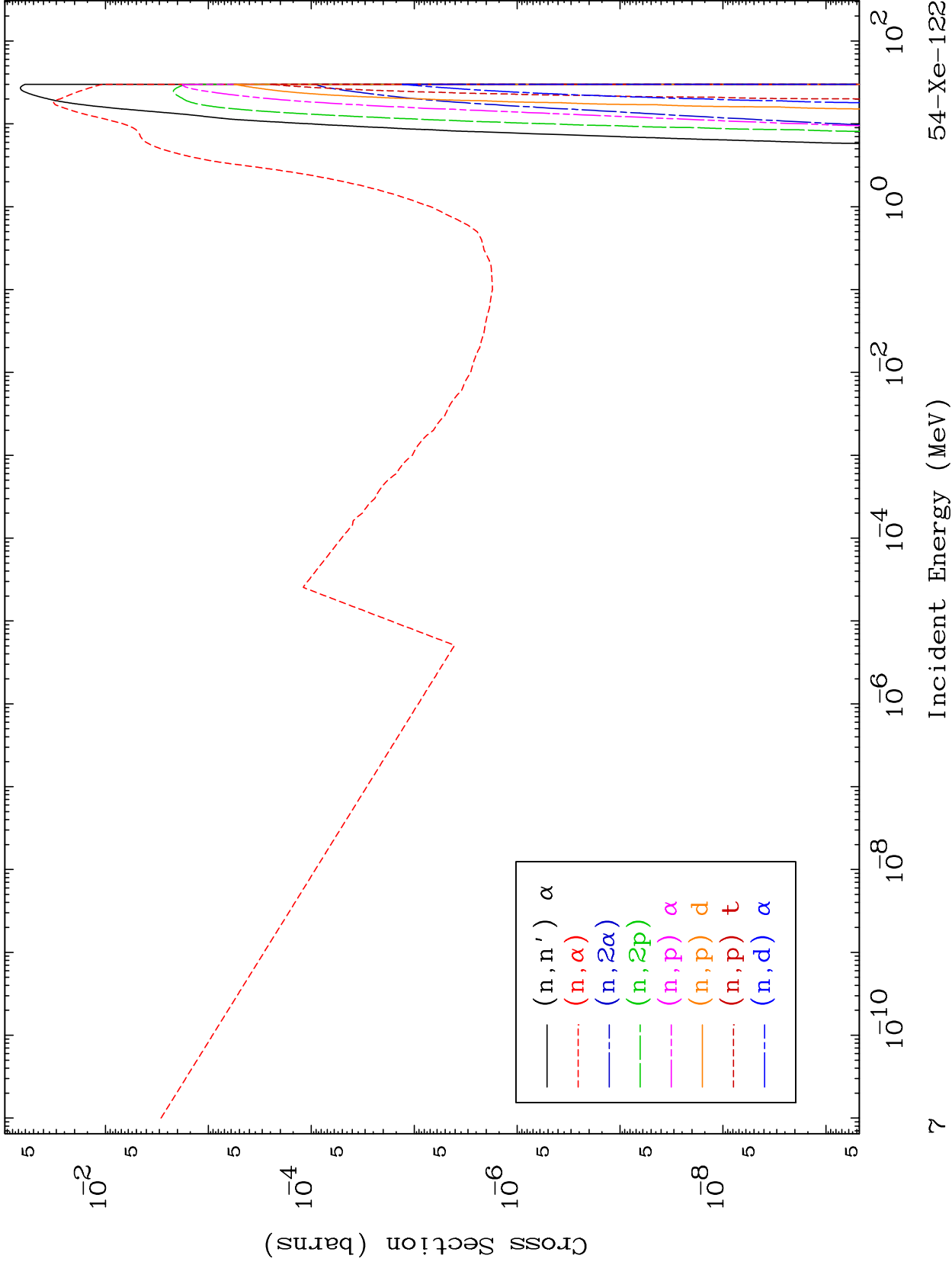
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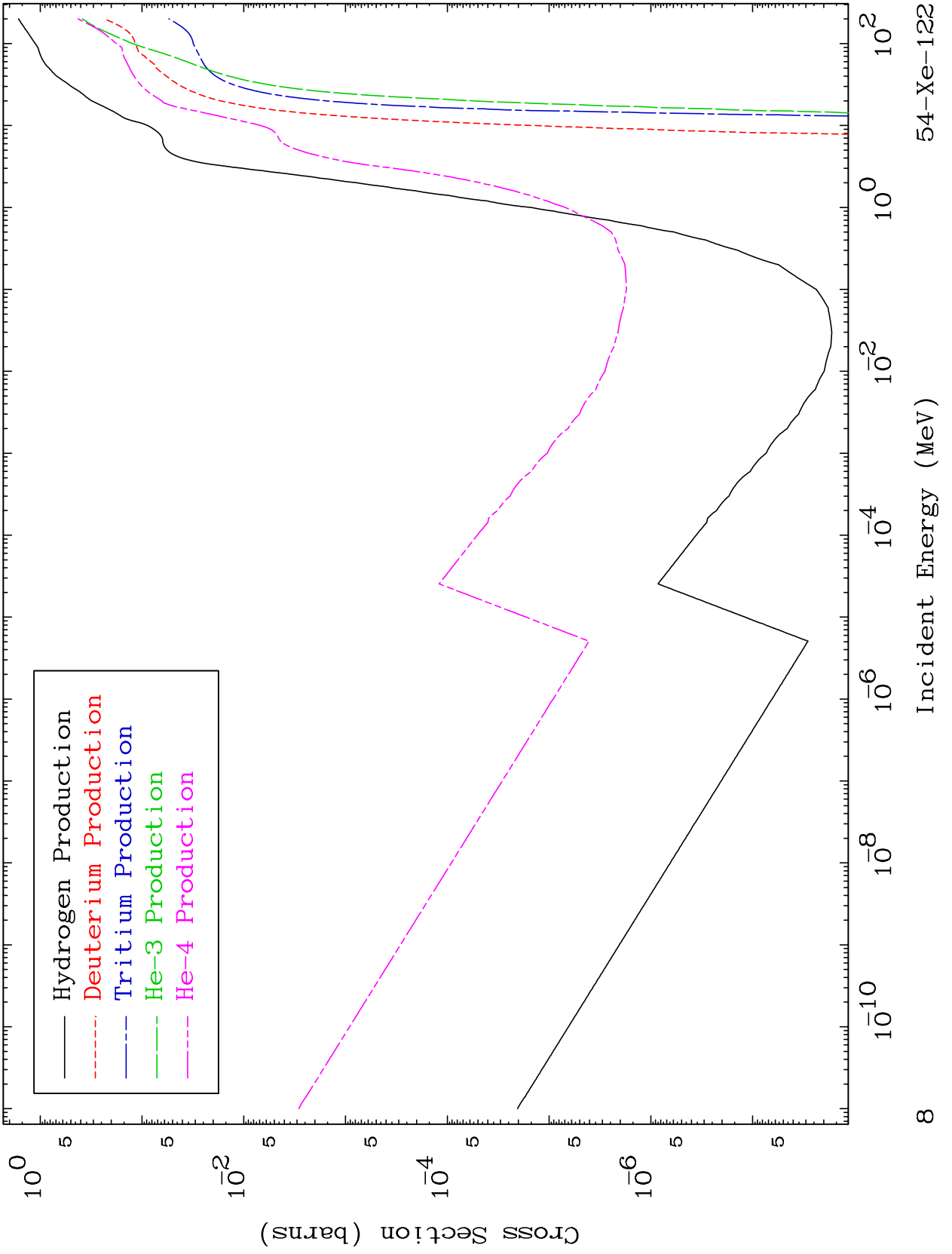


MAT 5419

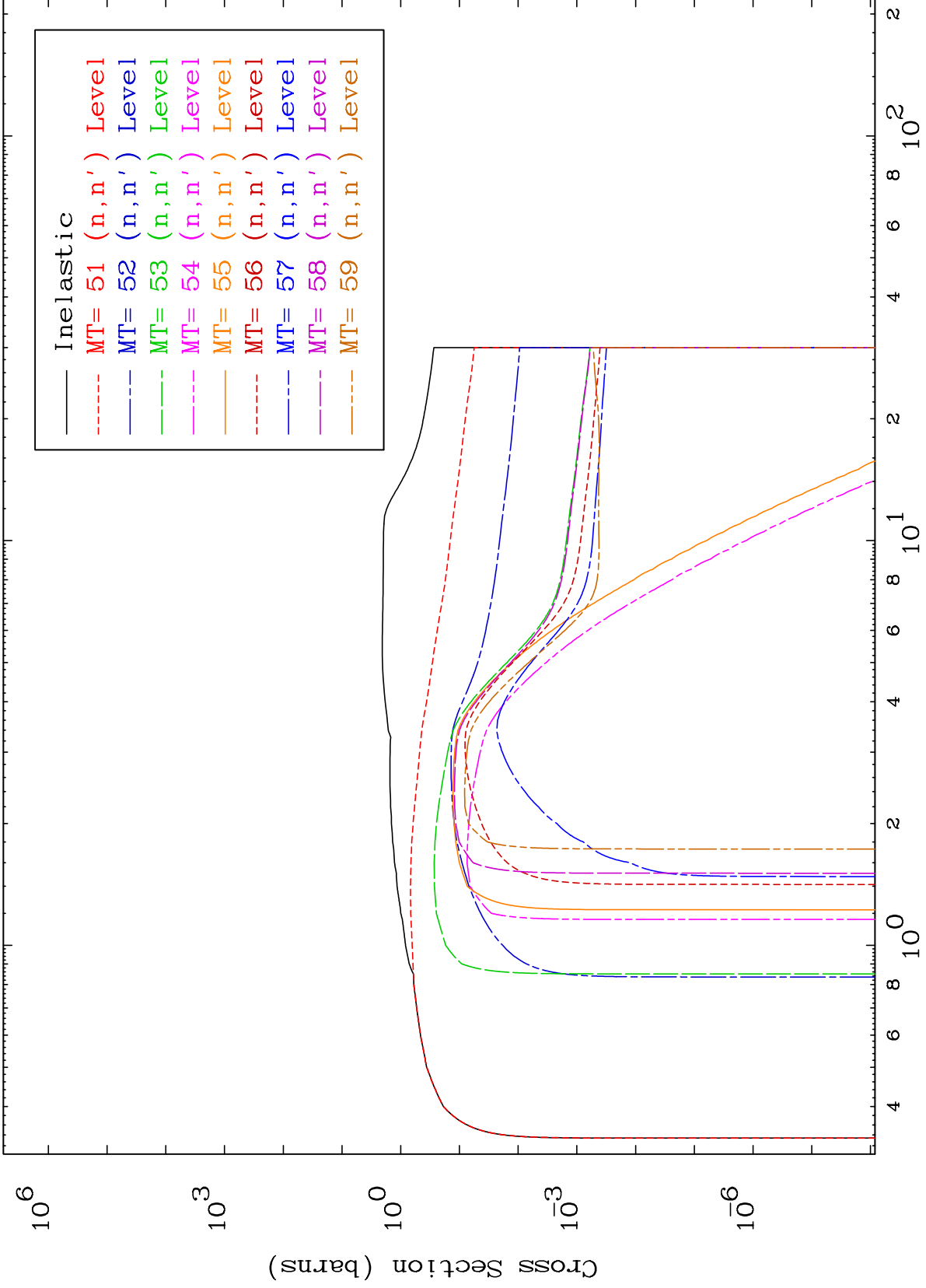
Charged Particle
293 Kelvin Cross Sections

54-Xe-122





293 Kelvin Cross Sections

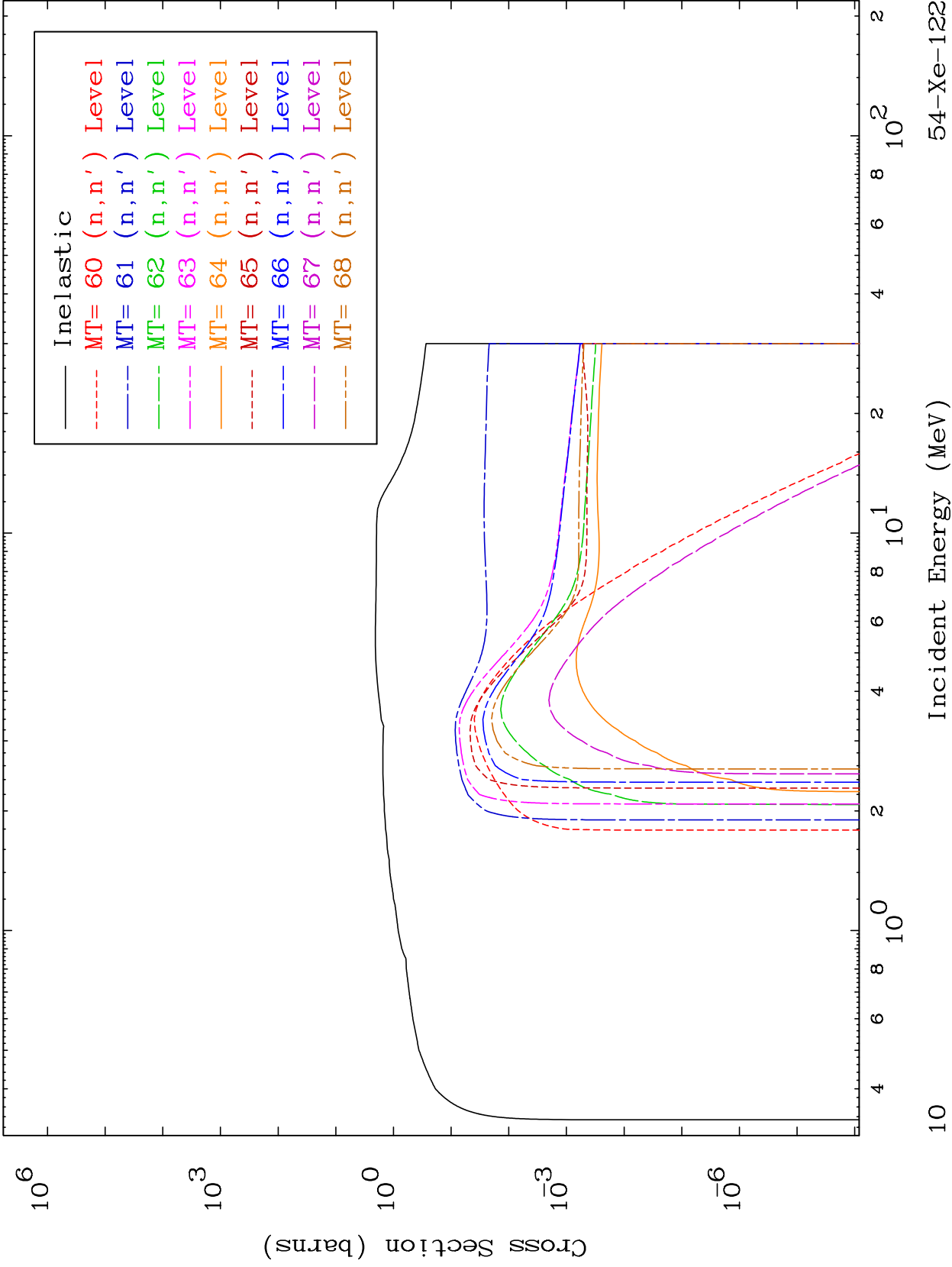


MAT 5419

(n,n') Levels

54-Xe-122

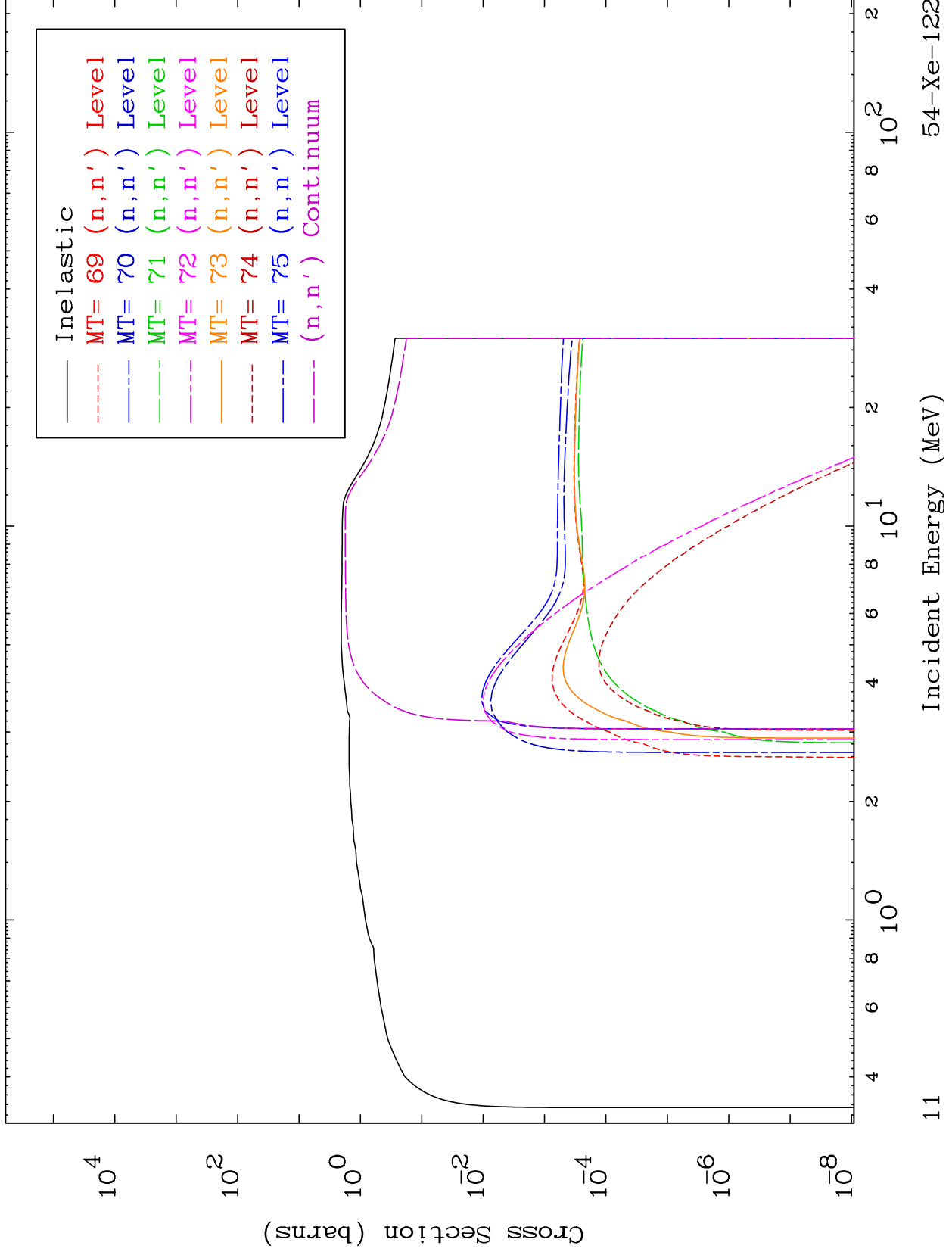
293 Kelvin Cross Sections



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Incident Energy (MeV)

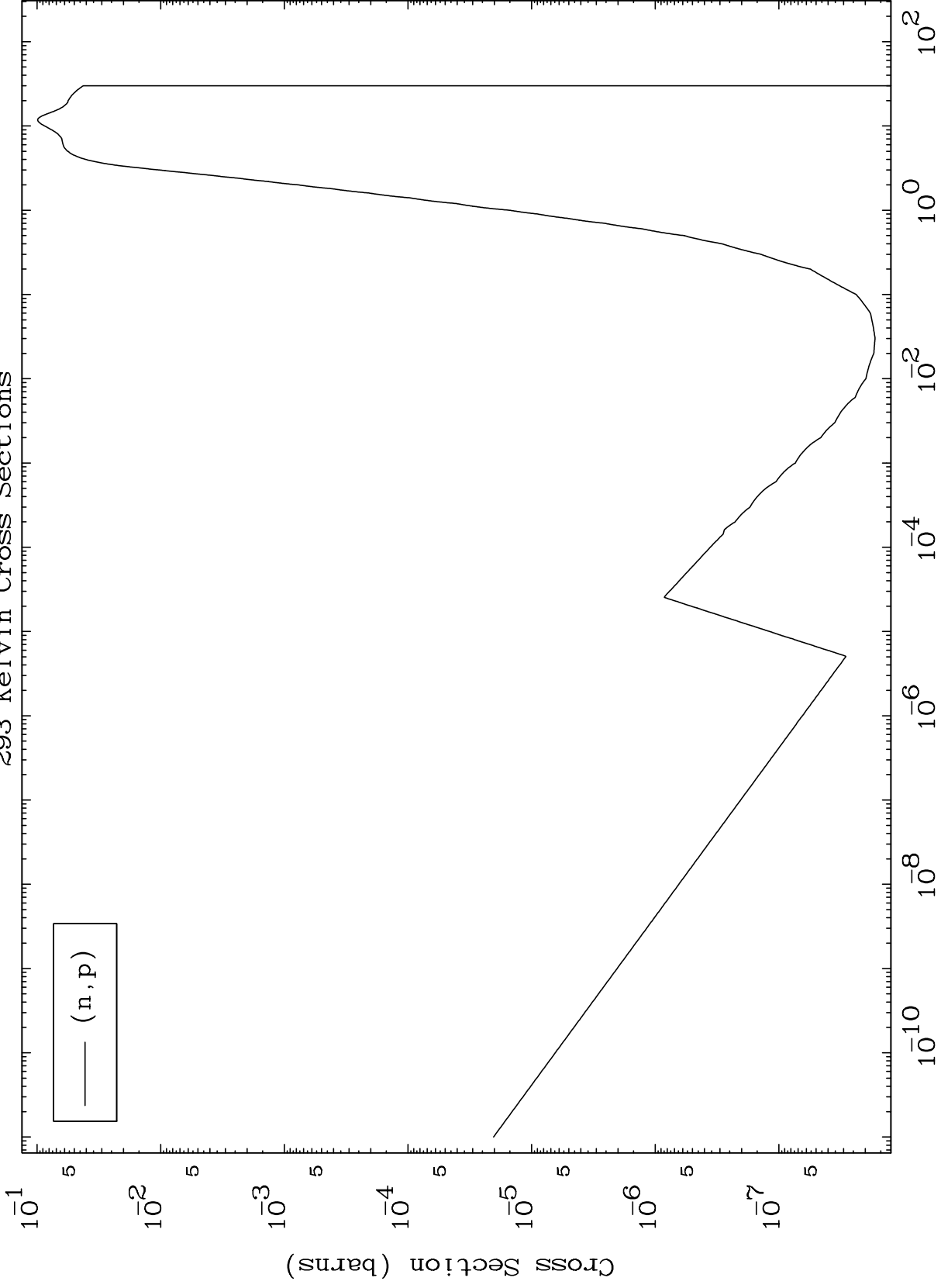
54-Xe-122



MAT 5419

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-122



12

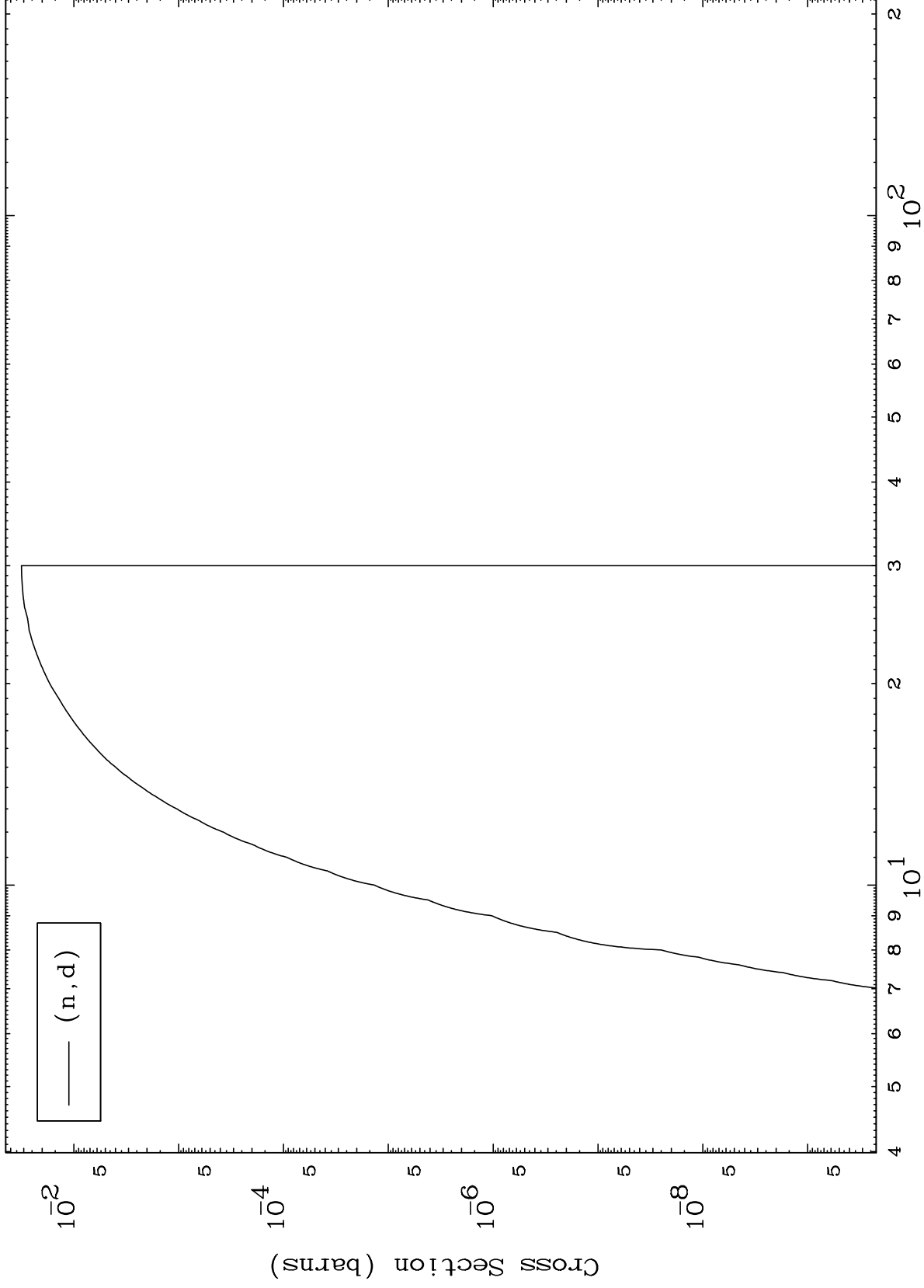
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-122



13

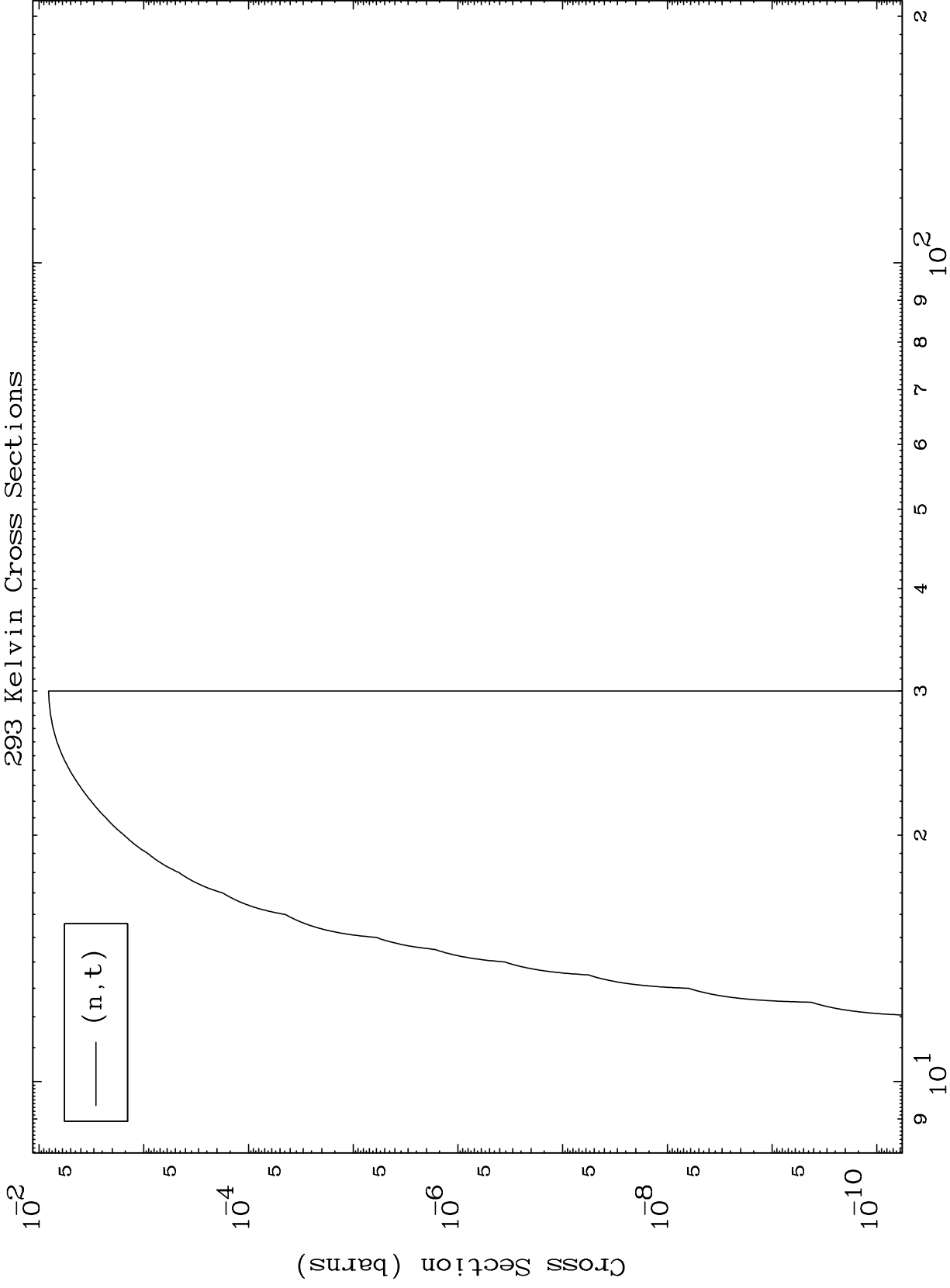
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-122



14

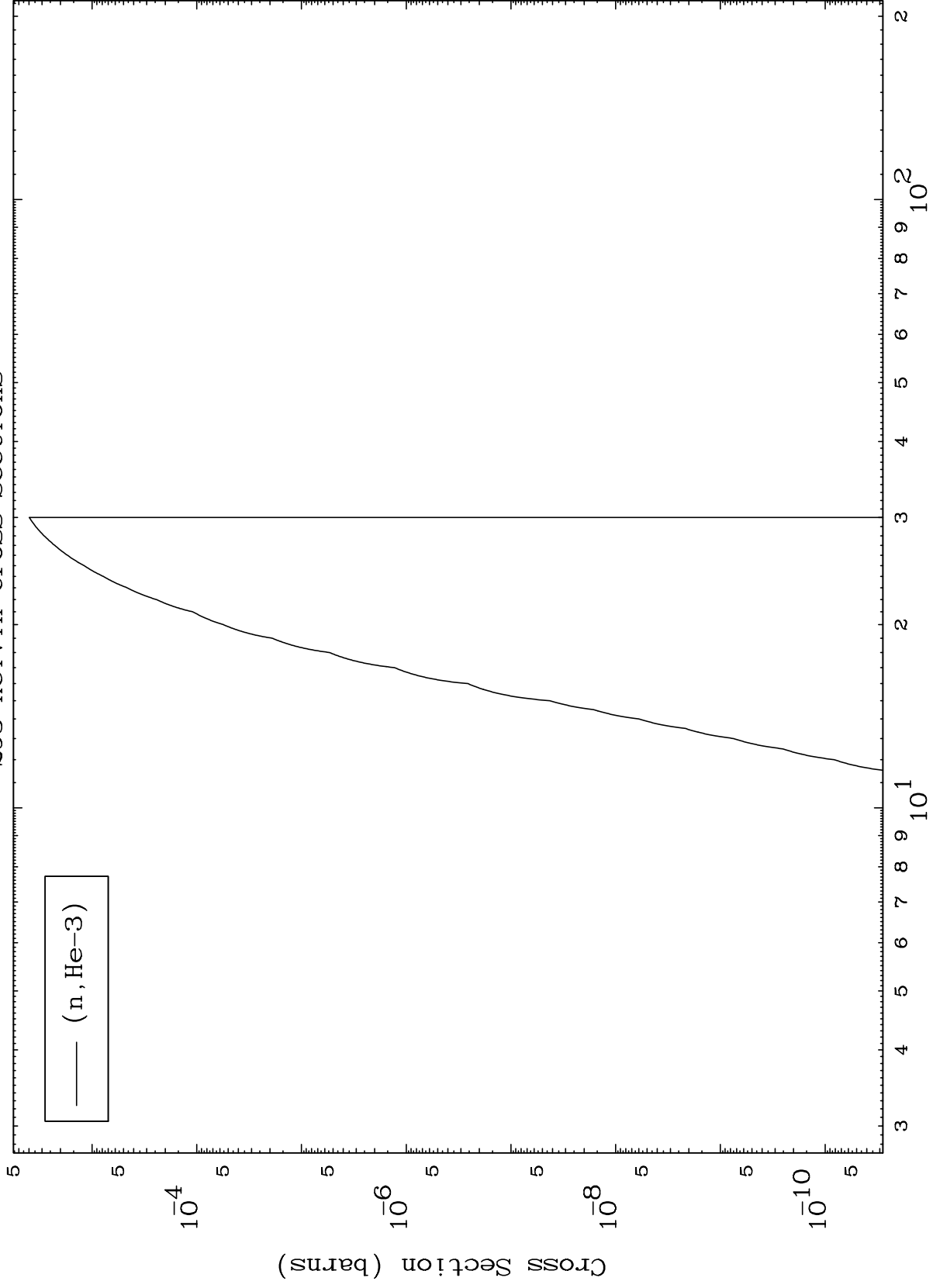
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-122



15

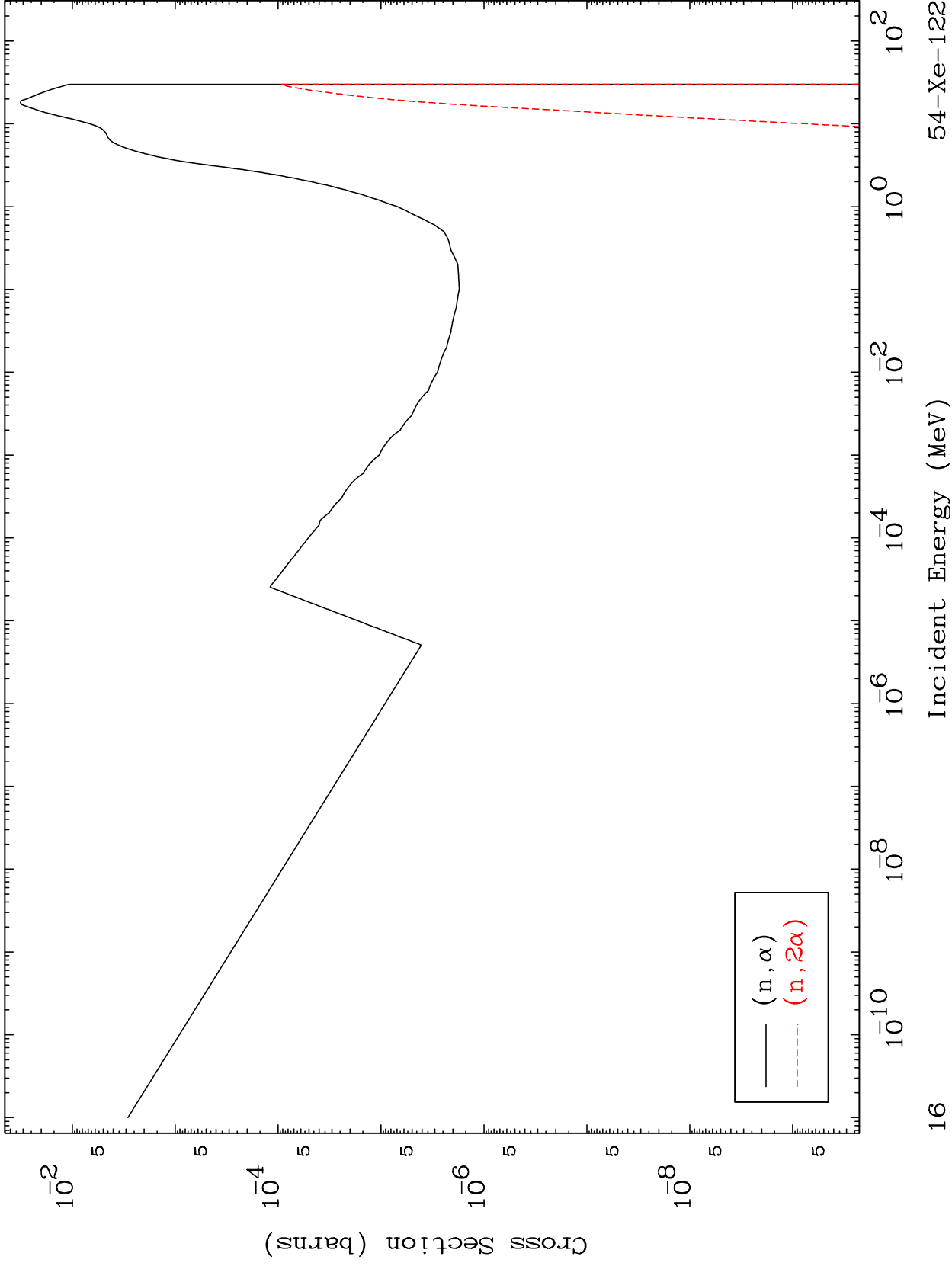
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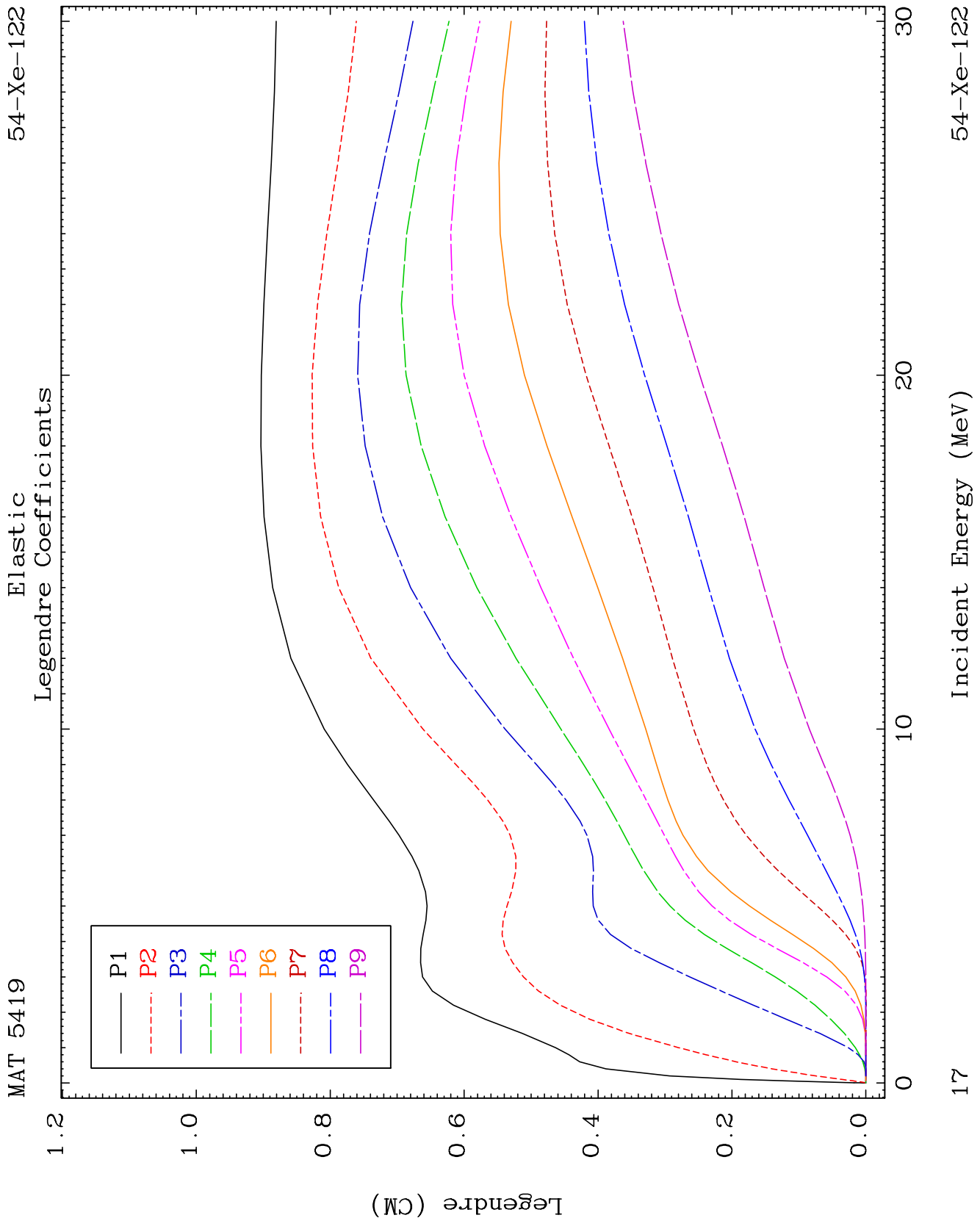
54-Xe-122

MAT 5419

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-122

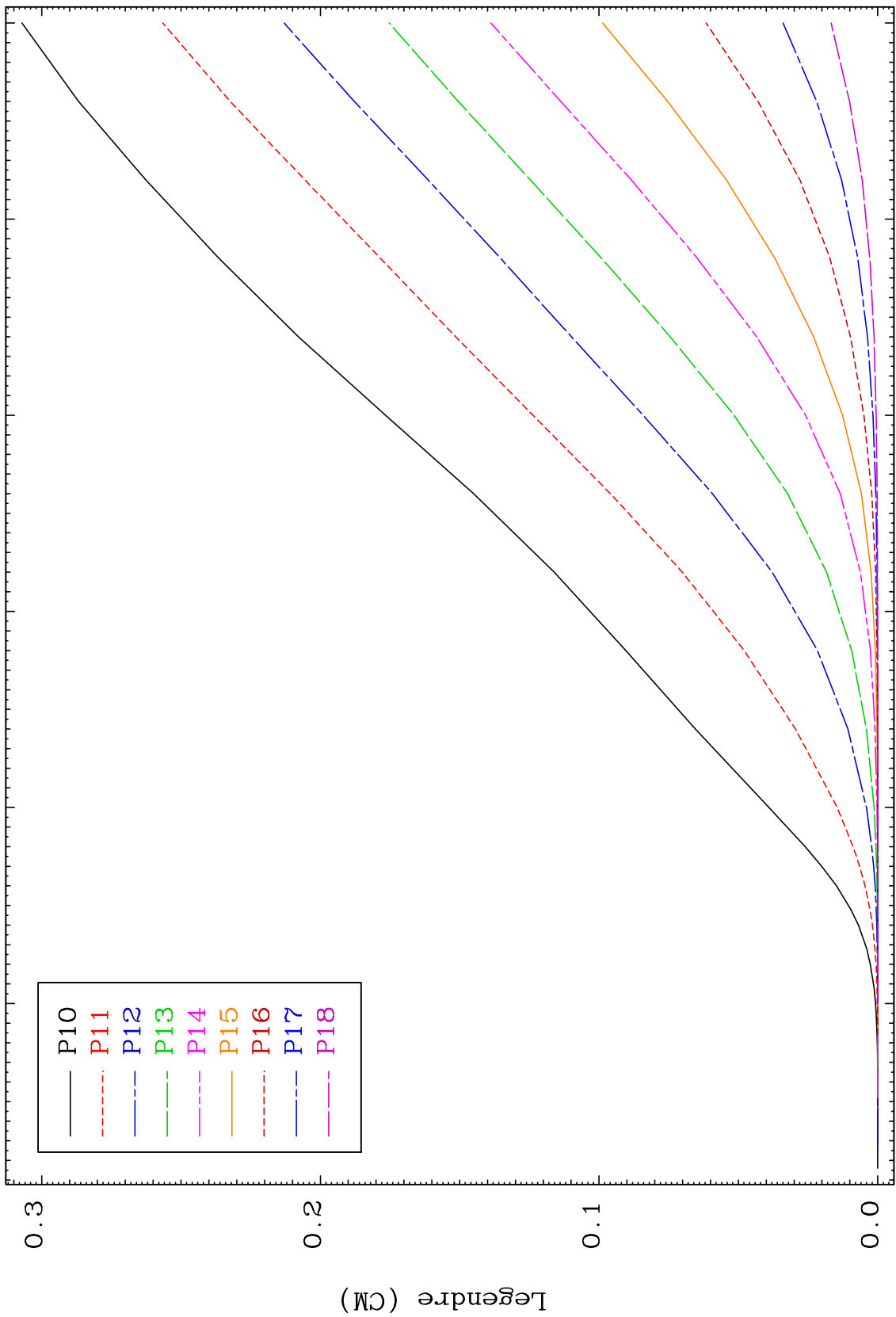




MAT 5419

Elastic Legendre Coefficients

54-Xe-122



18

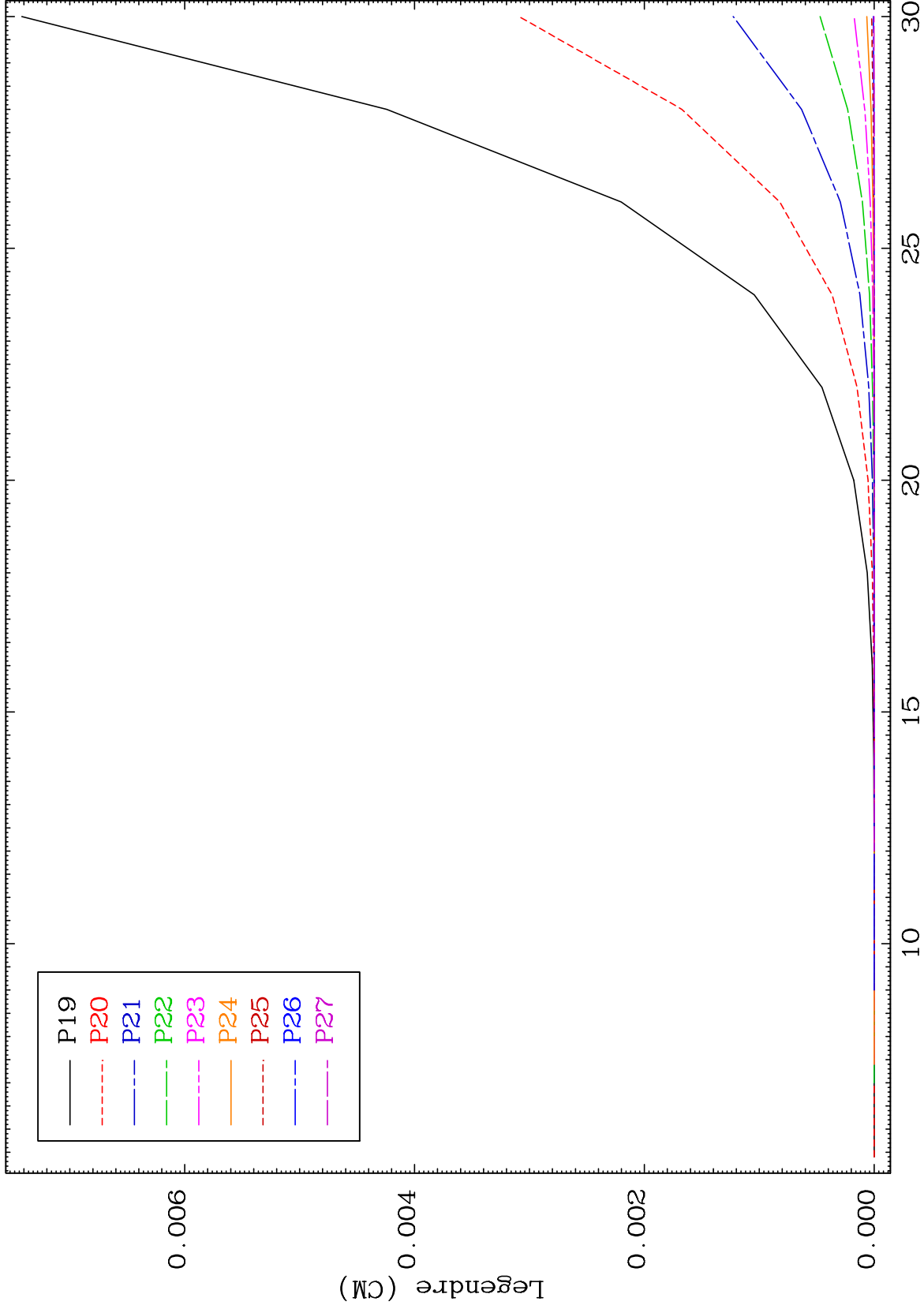
Incident Energy (MeV)

54-Xe-122

MAT 5419

Elastic Legendre Coefficients

54-Xe-122



19

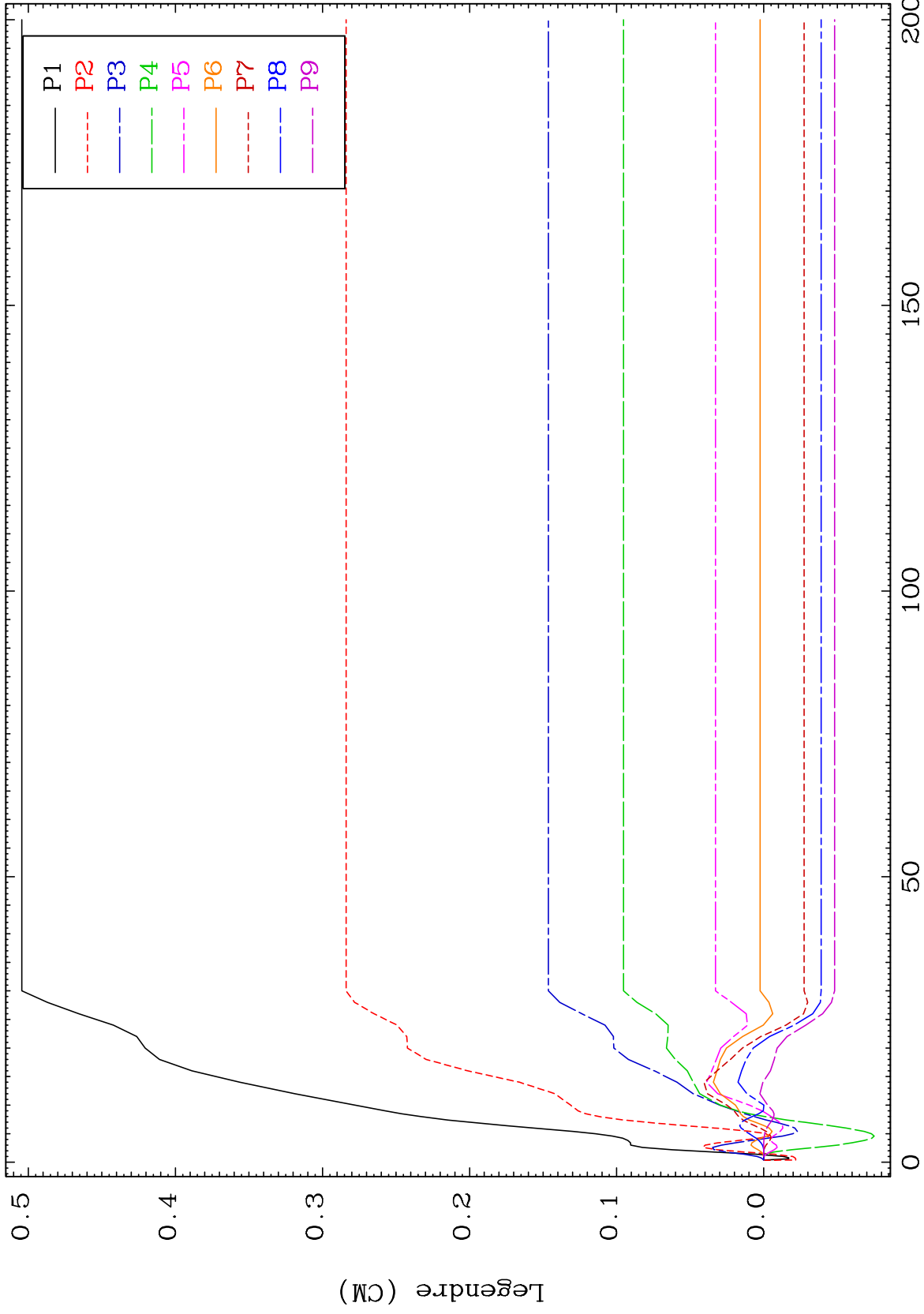
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



21

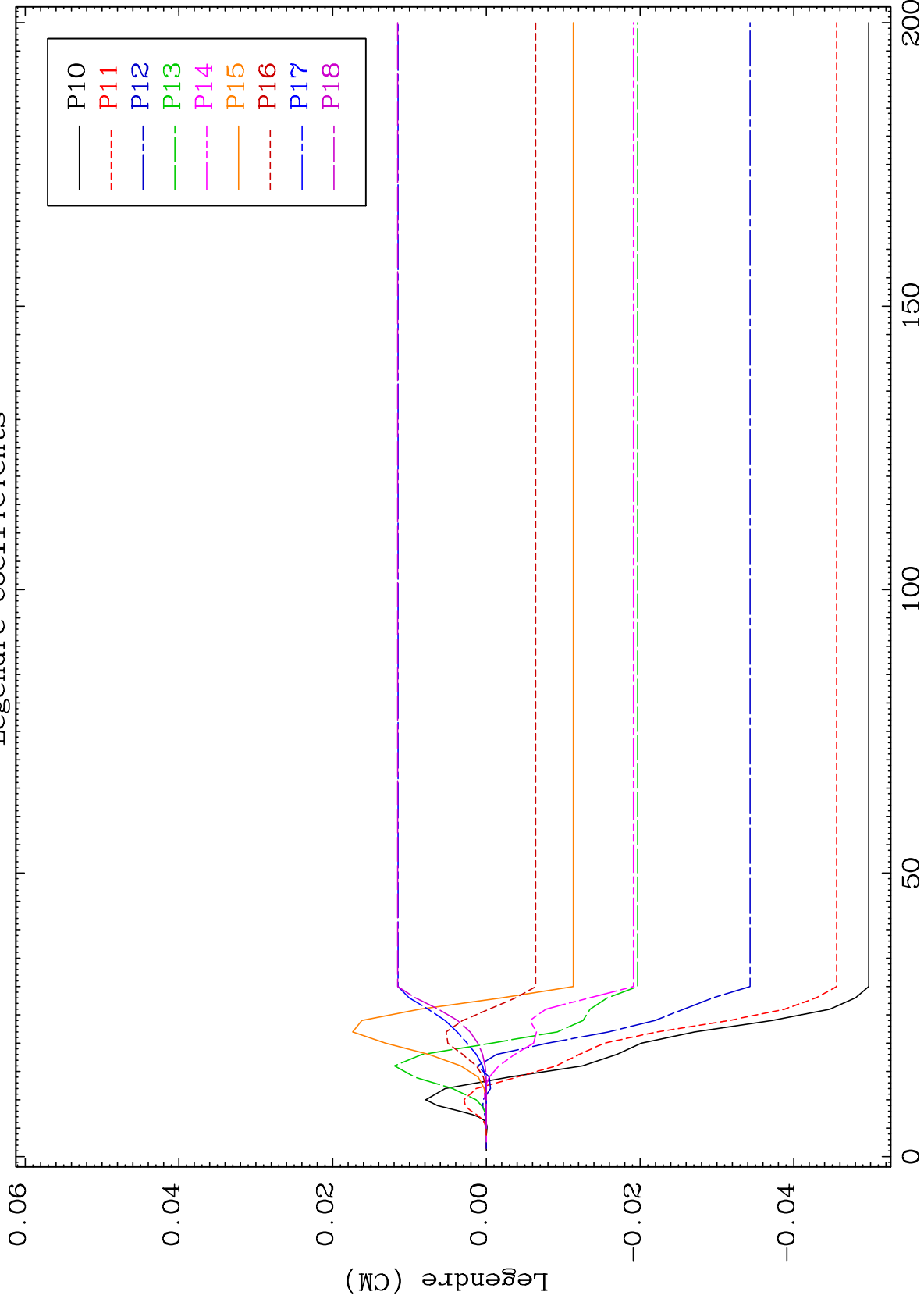
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

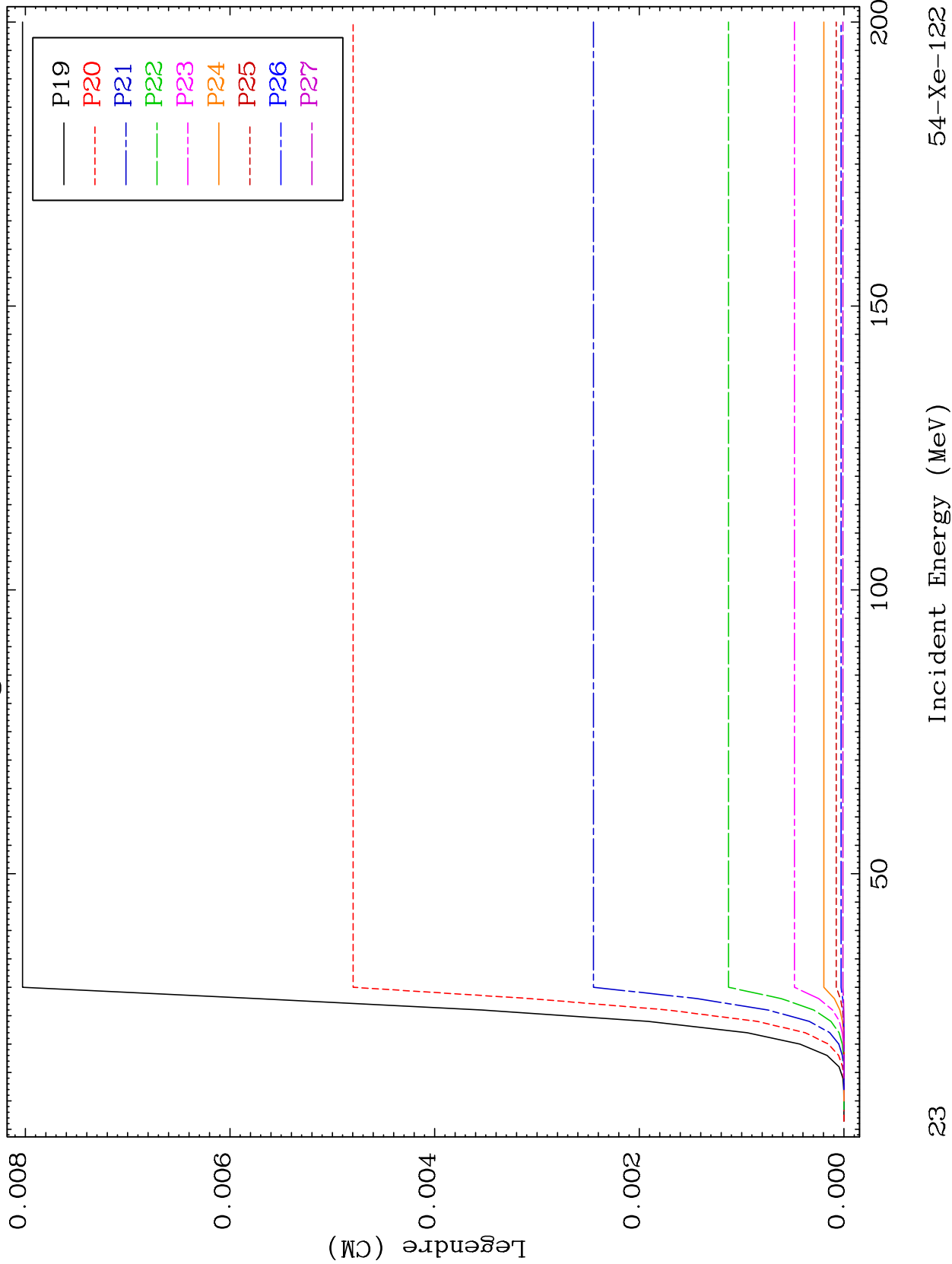
54-Xe-122



MAT 5419

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

54-Xe-122



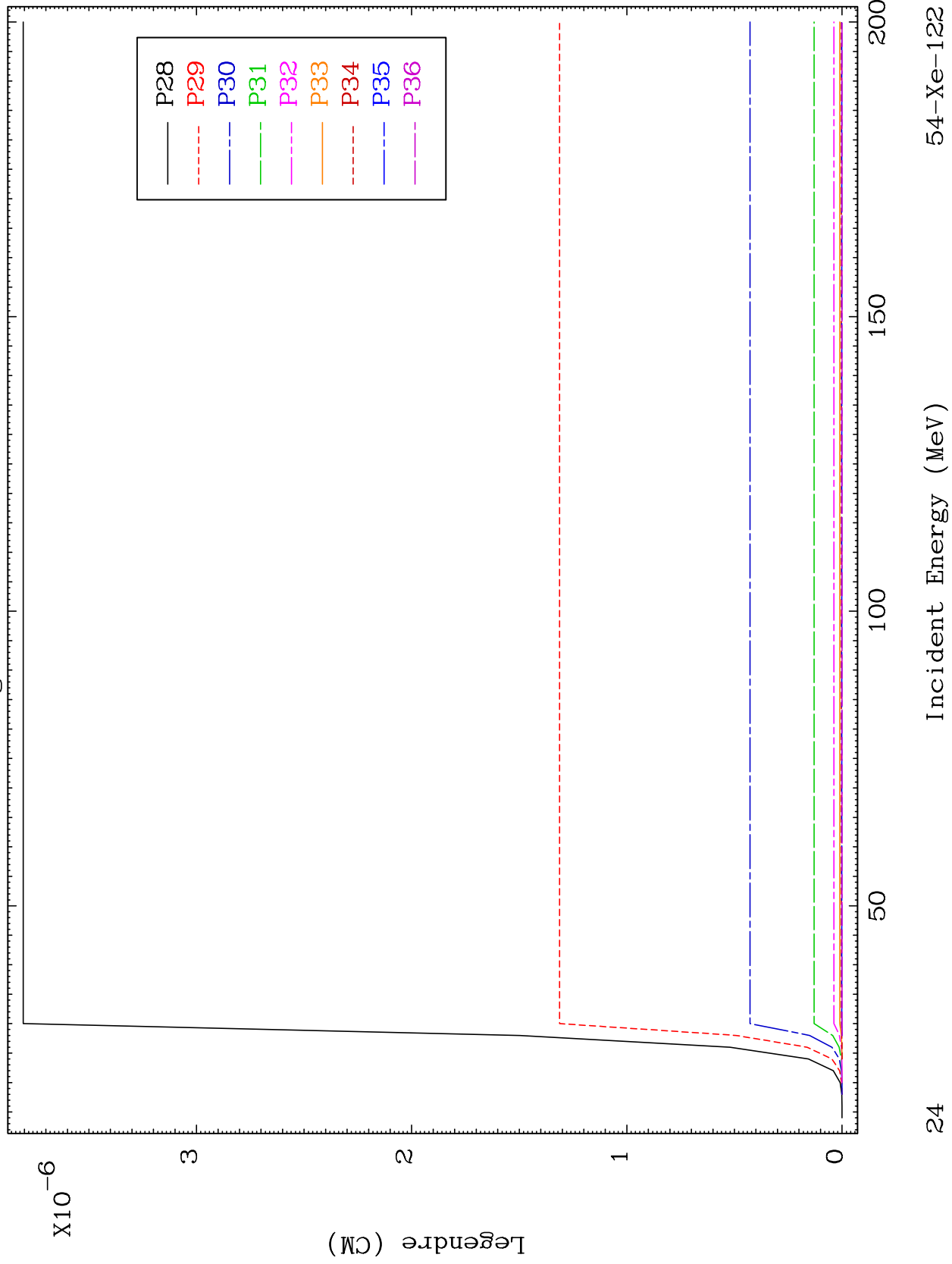
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54-Xe-122

MAT 5419

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

54-Xe-122



24

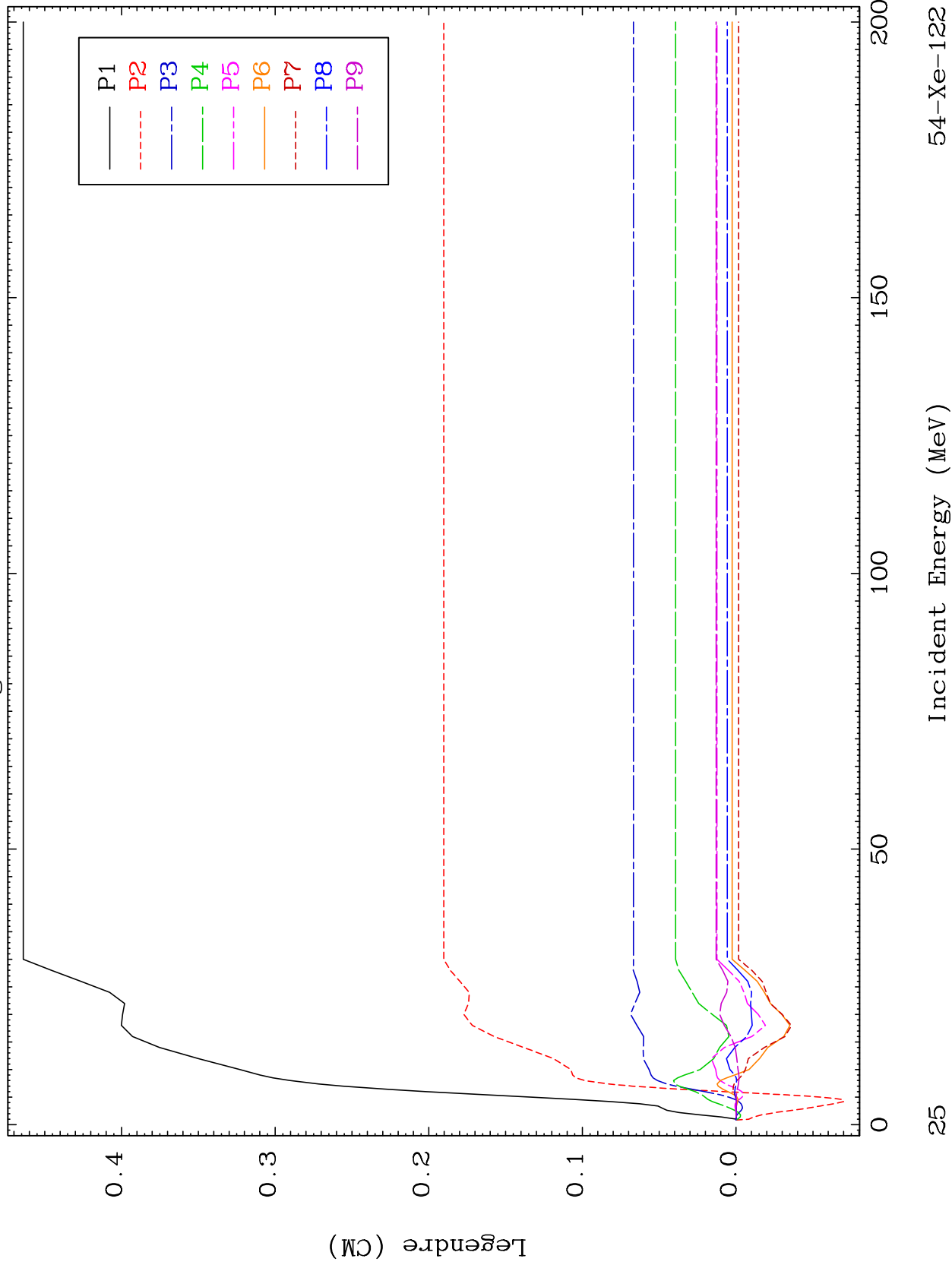
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

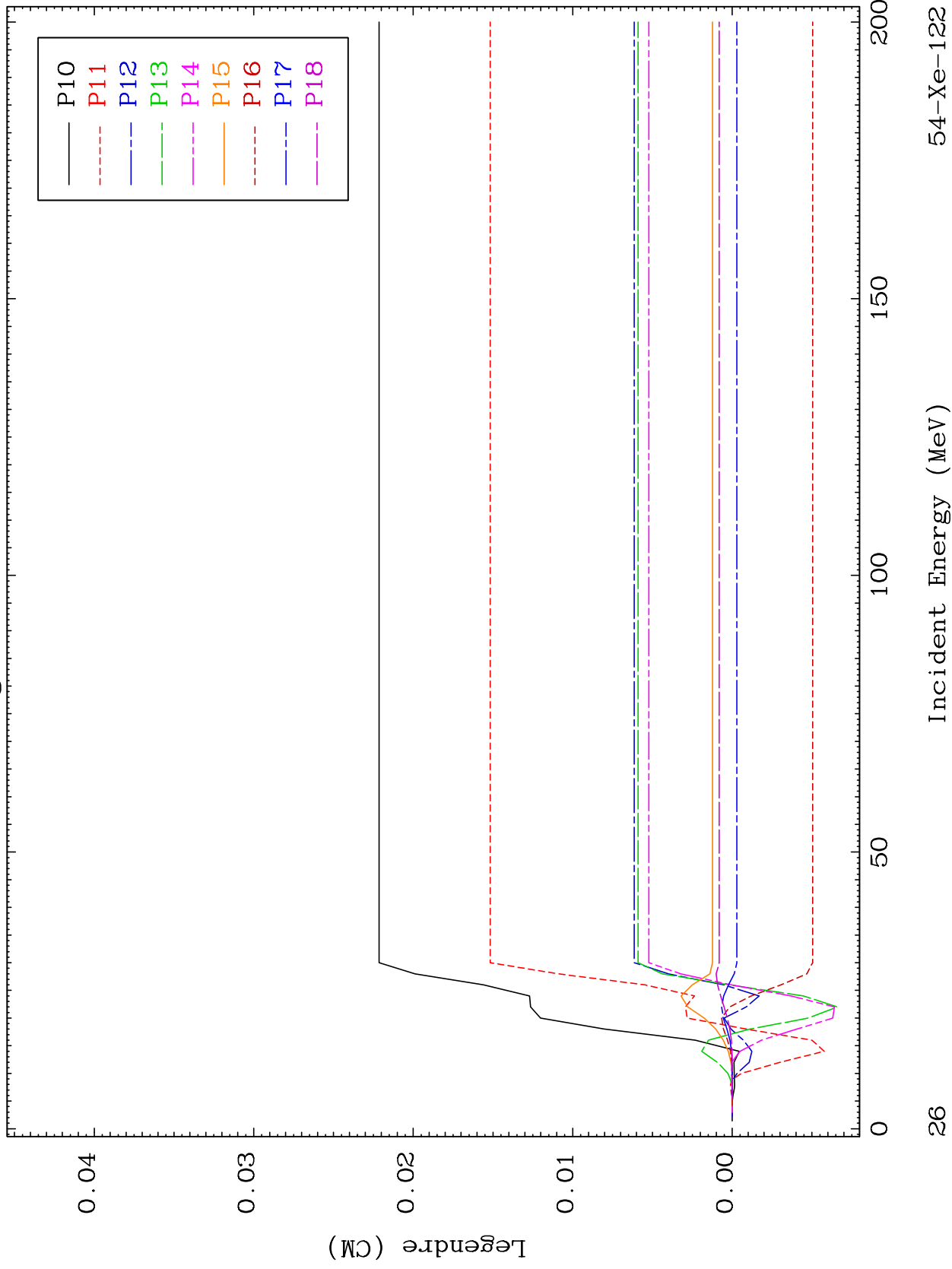
Incident Energy (MeV)

25

MAT 5419

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

54-Xe-122



54-Xe-122

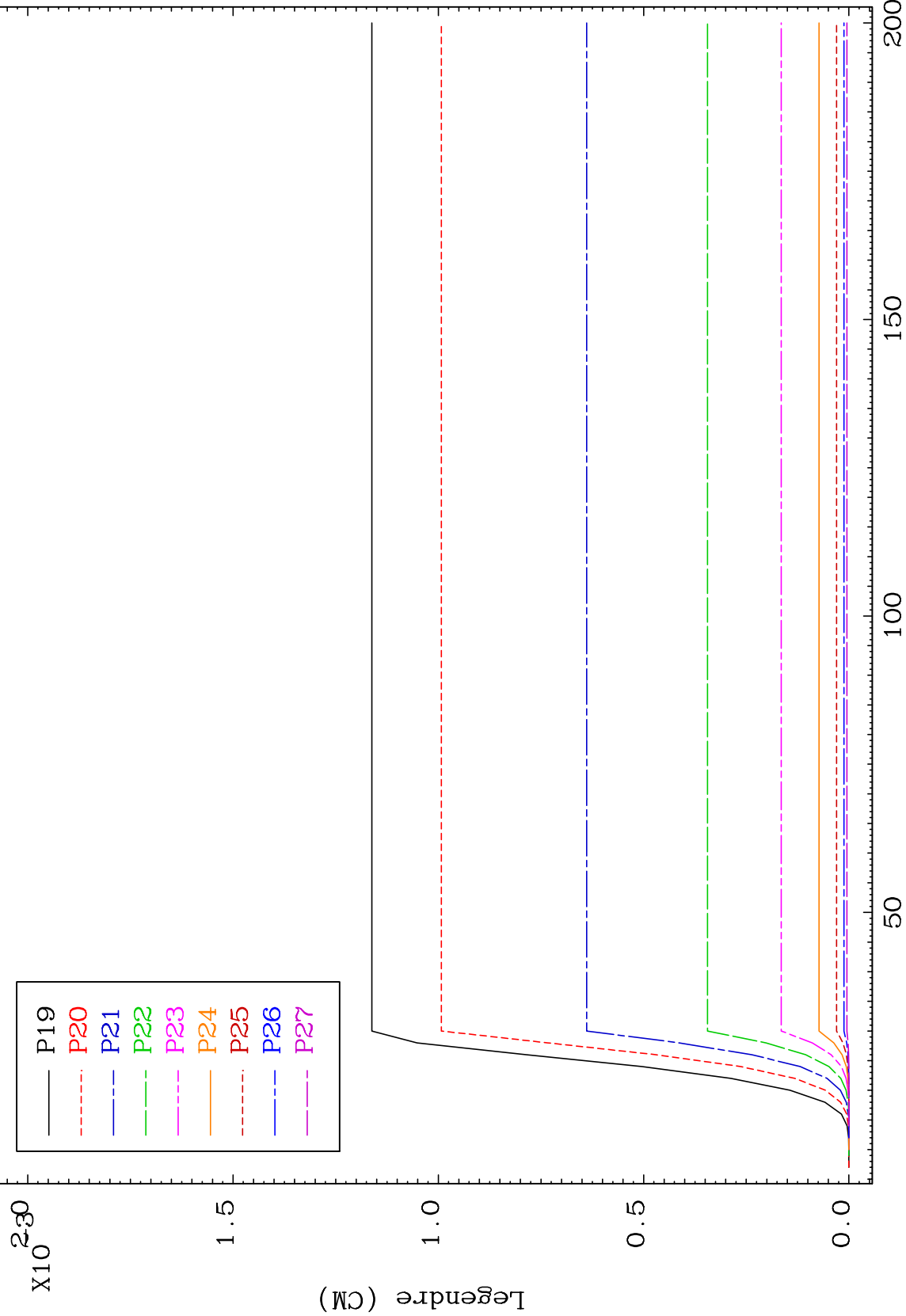
Incident Energy (MeV)

26

MAT 5419

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

54-Xe-122



27

Incident Energy (MeV)

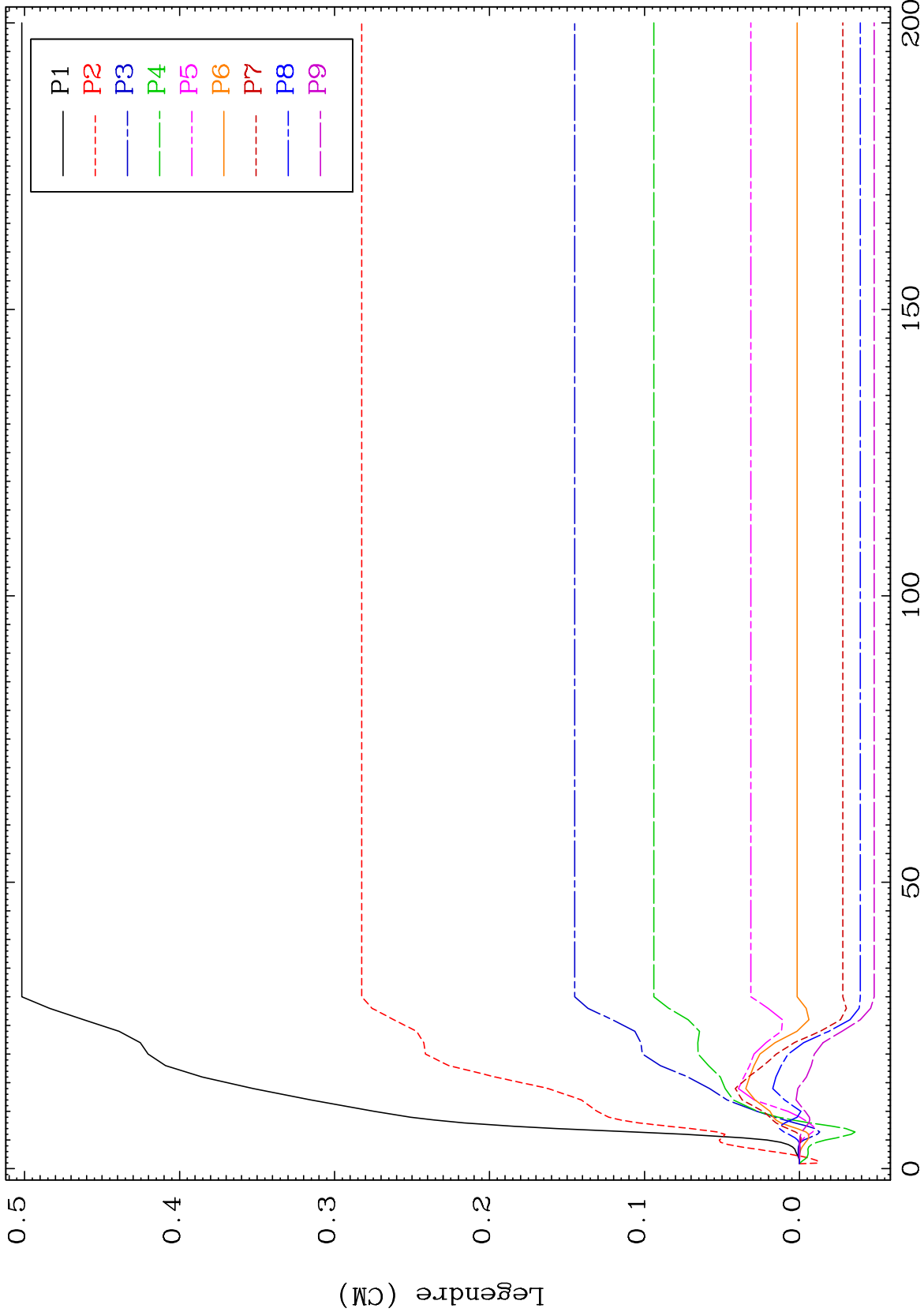
54-Xe-122

MAT 5419

MT= 53 (n,n') Level

54-Xe-122

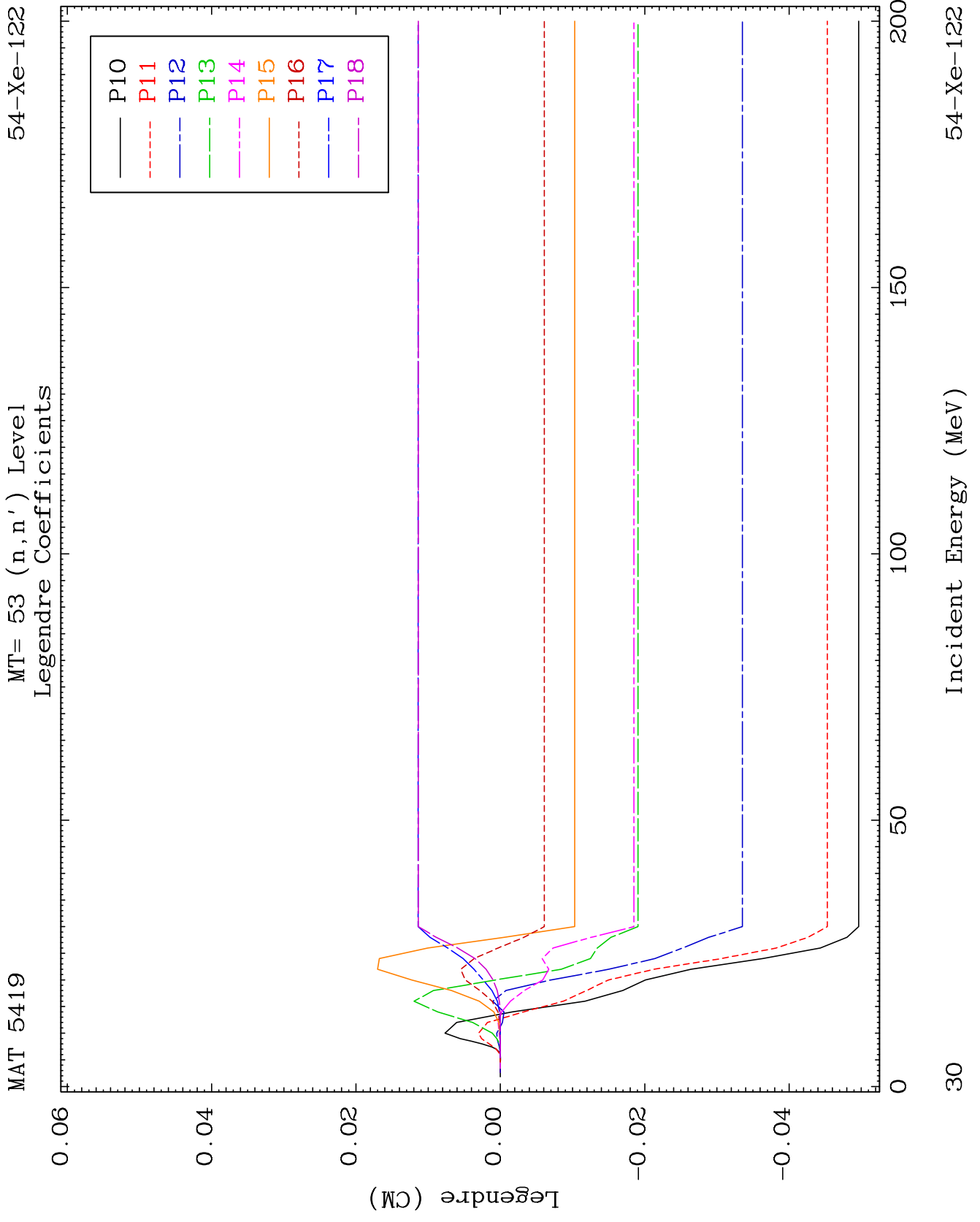
Legendre Coefficients



29

Incident Energy (MeV)

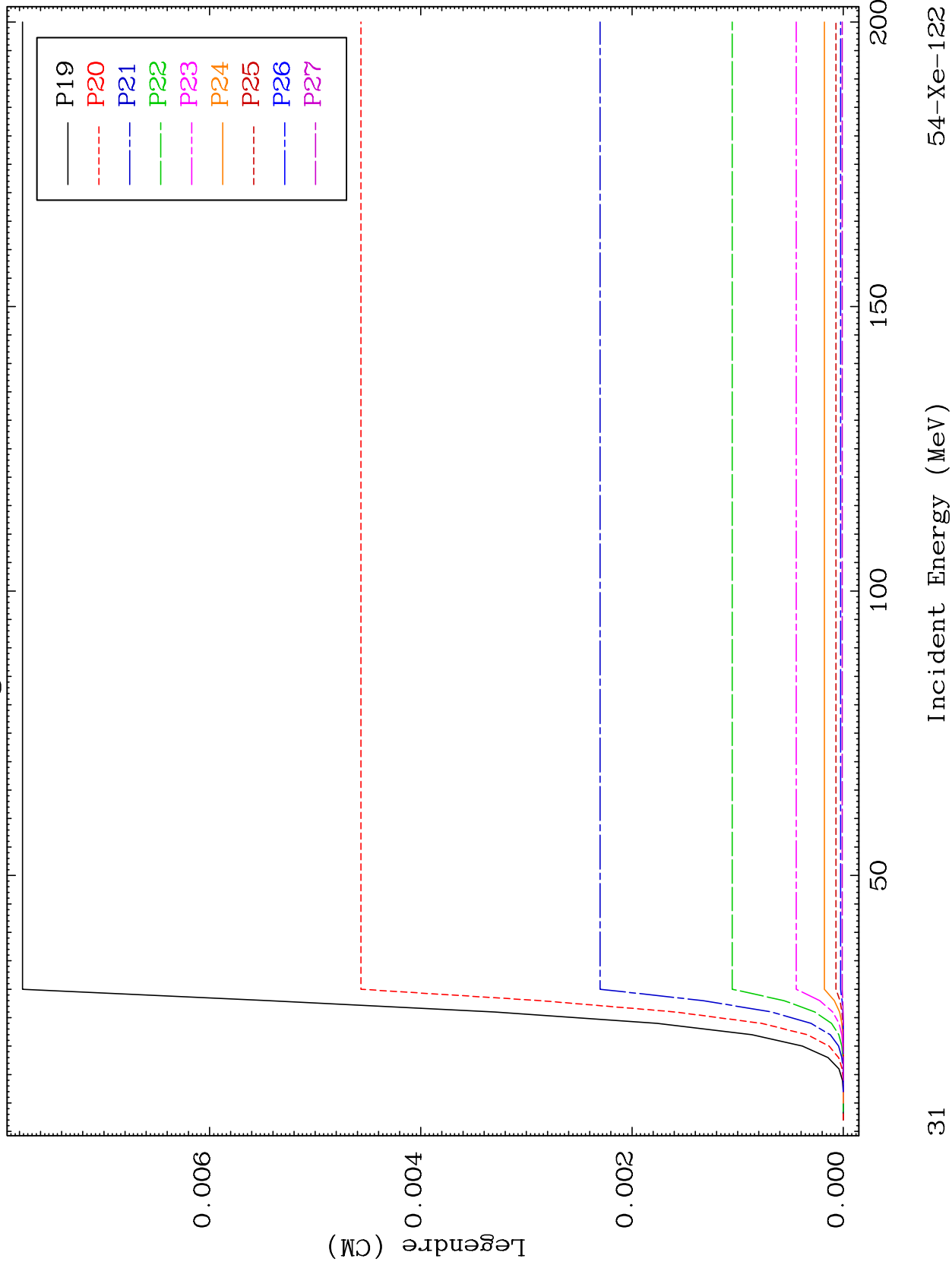
54-Xe-122



MAT 5419

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

54-Xe-122



31

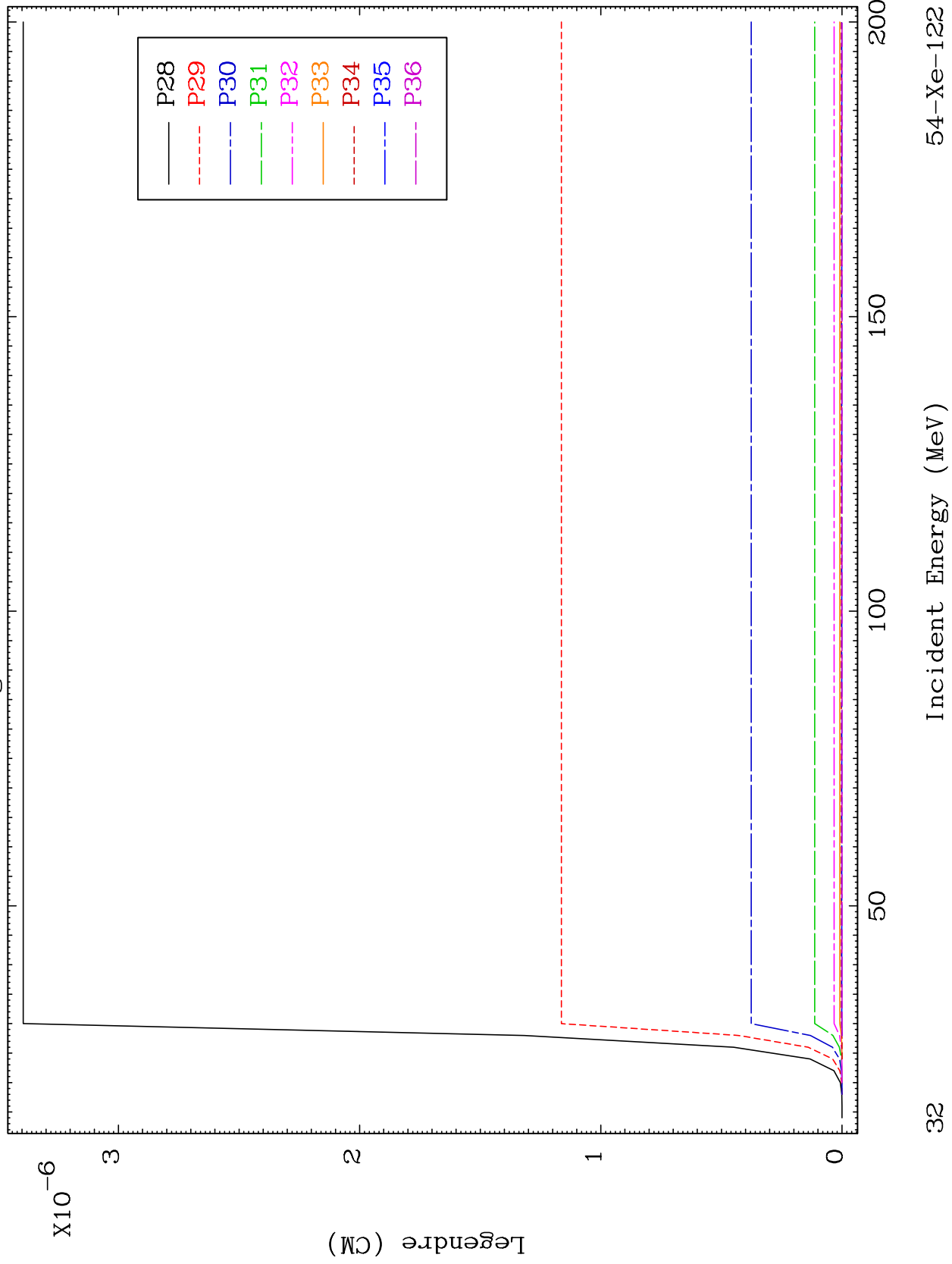
Incident Energy (MeV)

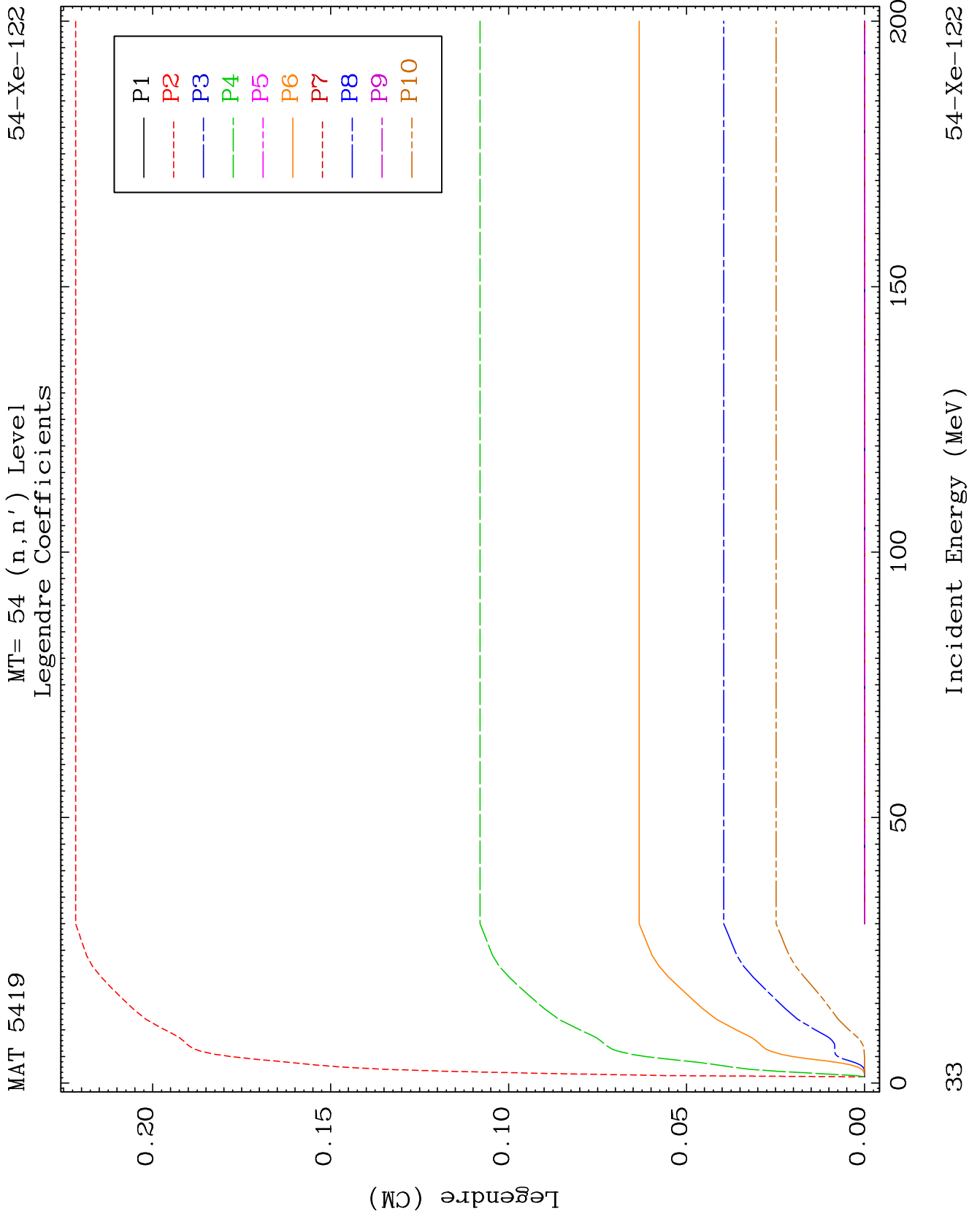
54-Xe-122

MAT 5419

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

54-Xe-122

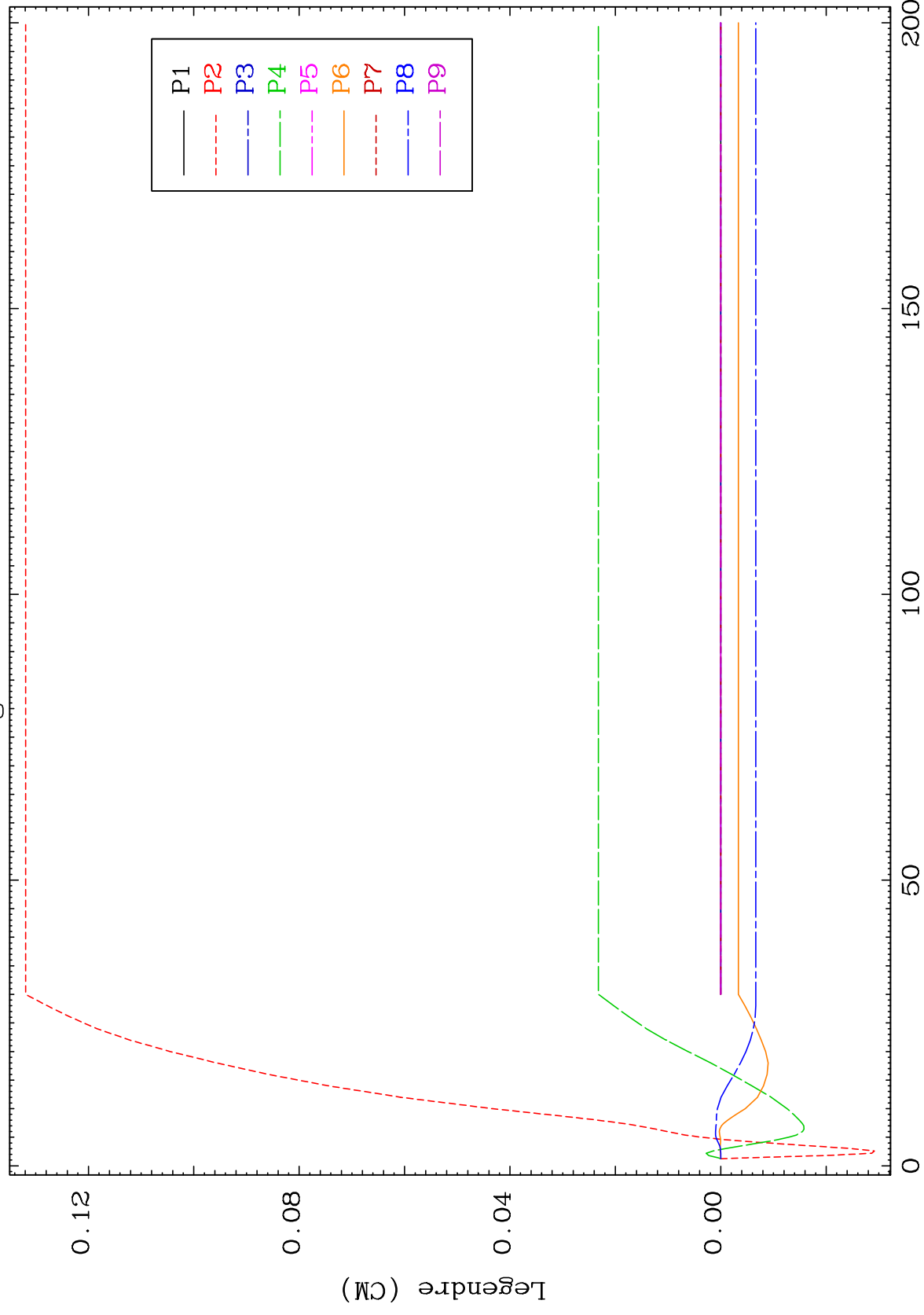




MAT 5419

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

54-Xe-122



36

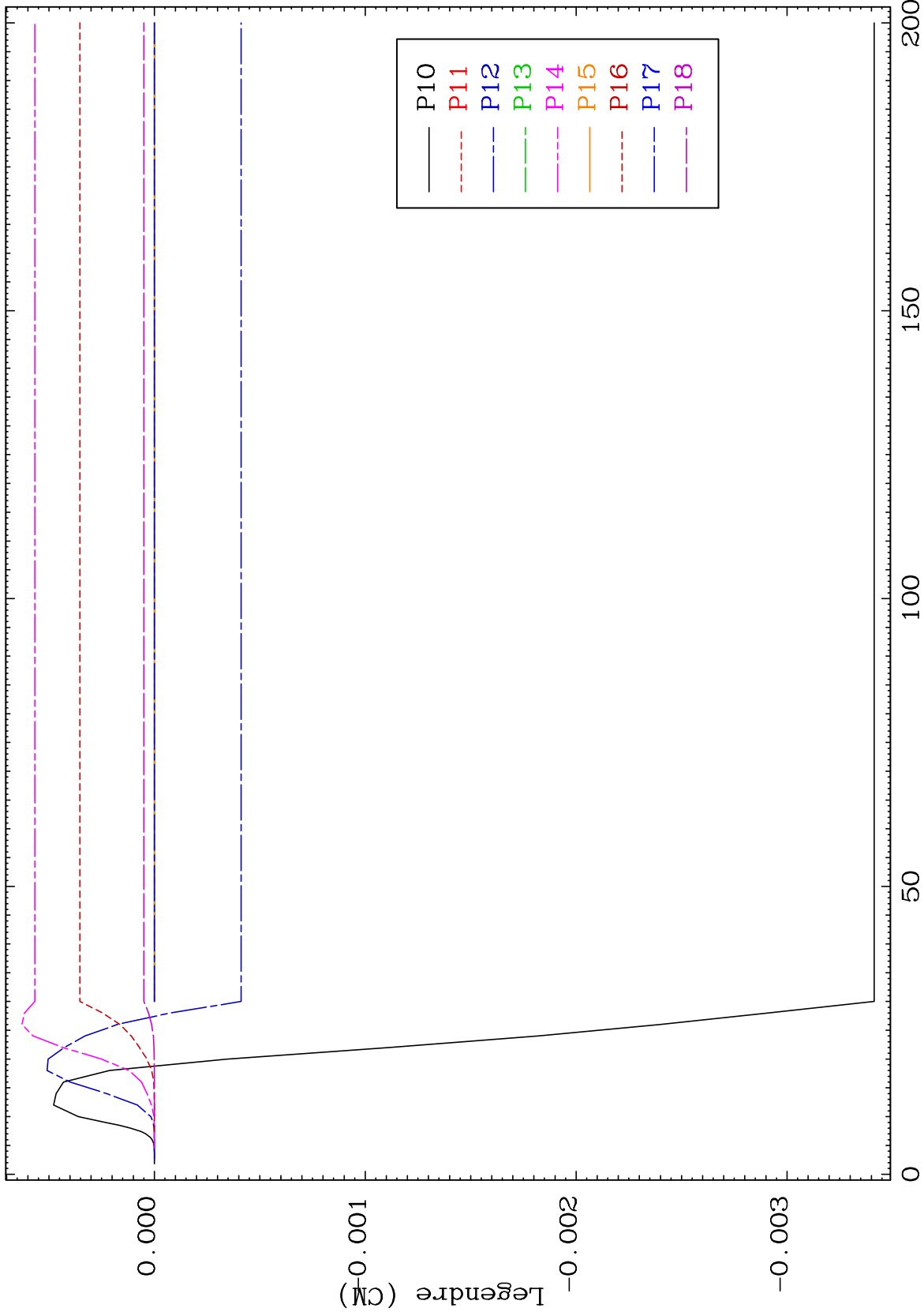
Incident Energy (MeV)

54-Xe-122

MAT 5419

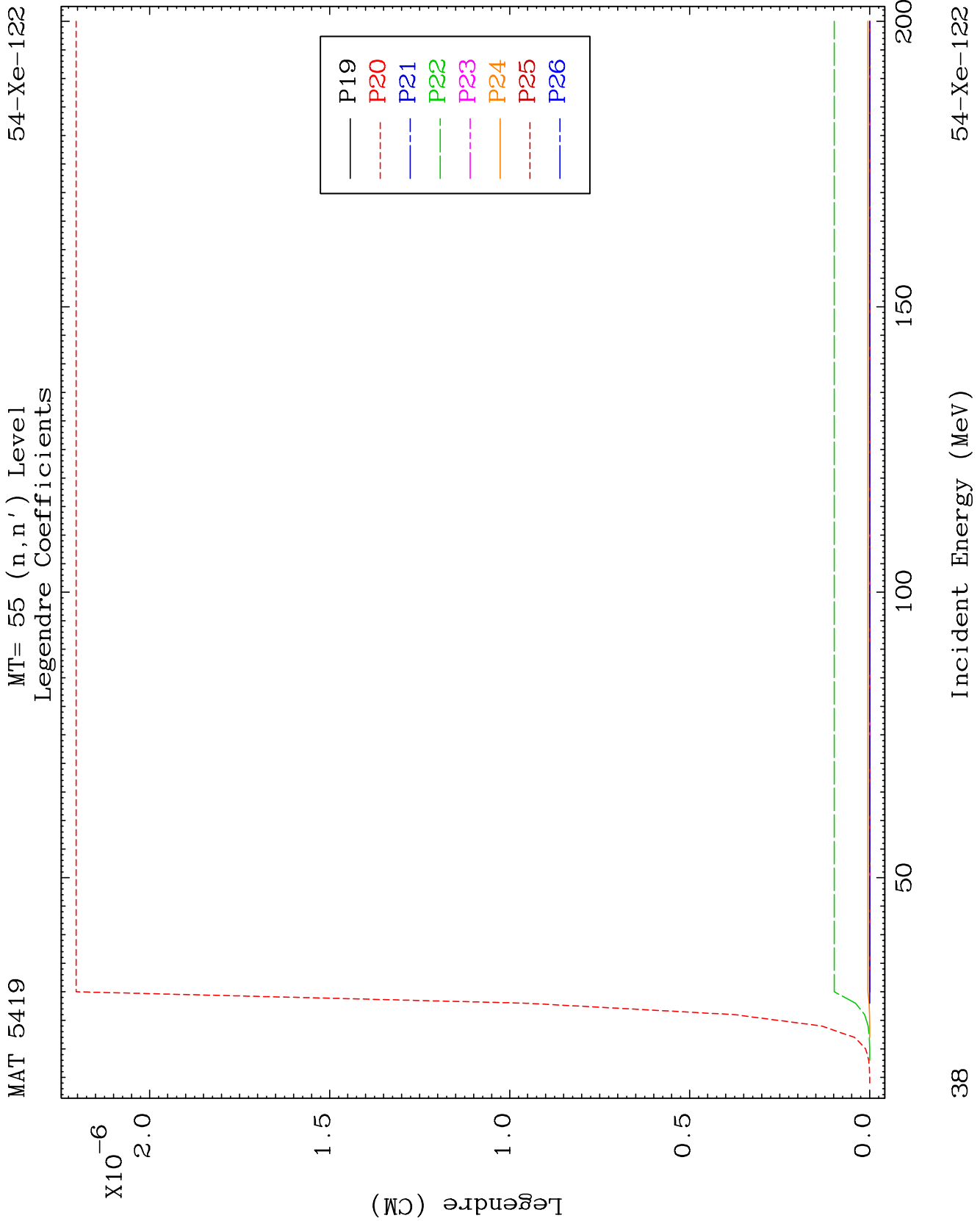
MT= 55 (n,n') Level
Legendre Coefficients

54-Xe-122



37

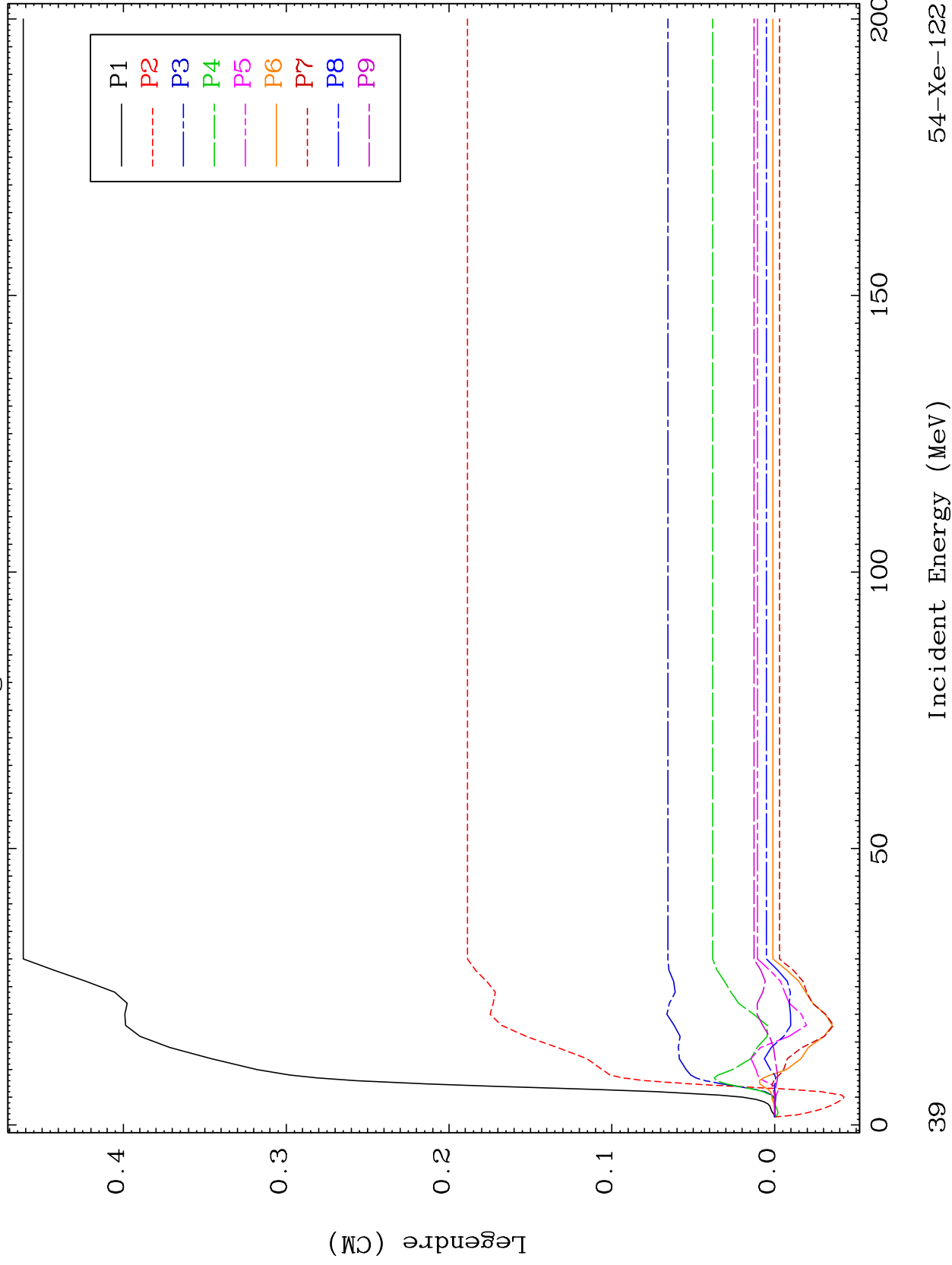
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

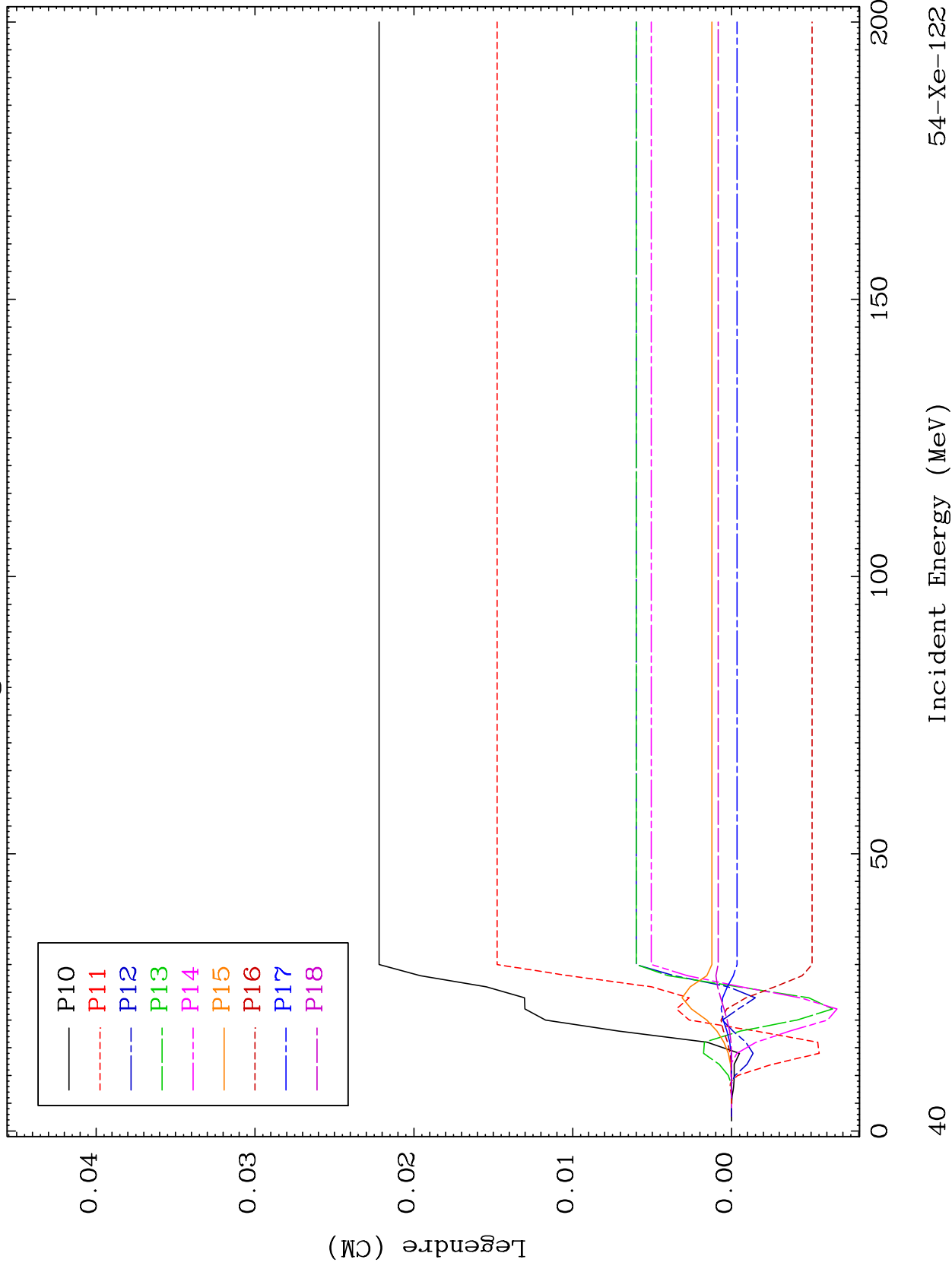
Incident Energy (MeV)

39

MAT 5419

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

54-Xe-122



54-Xe-122

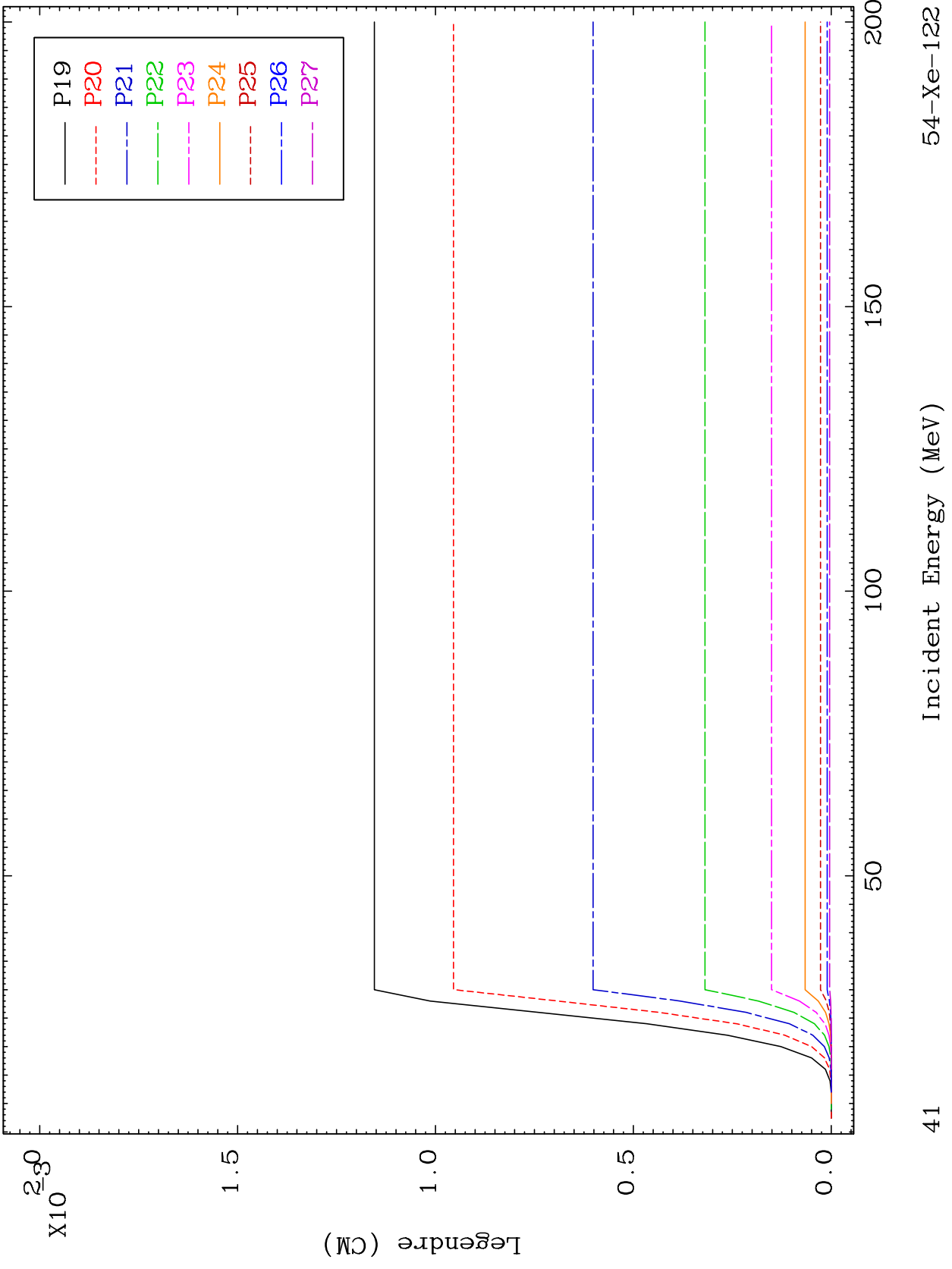
Incident Energy (MeV)

40

MAT 5419

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

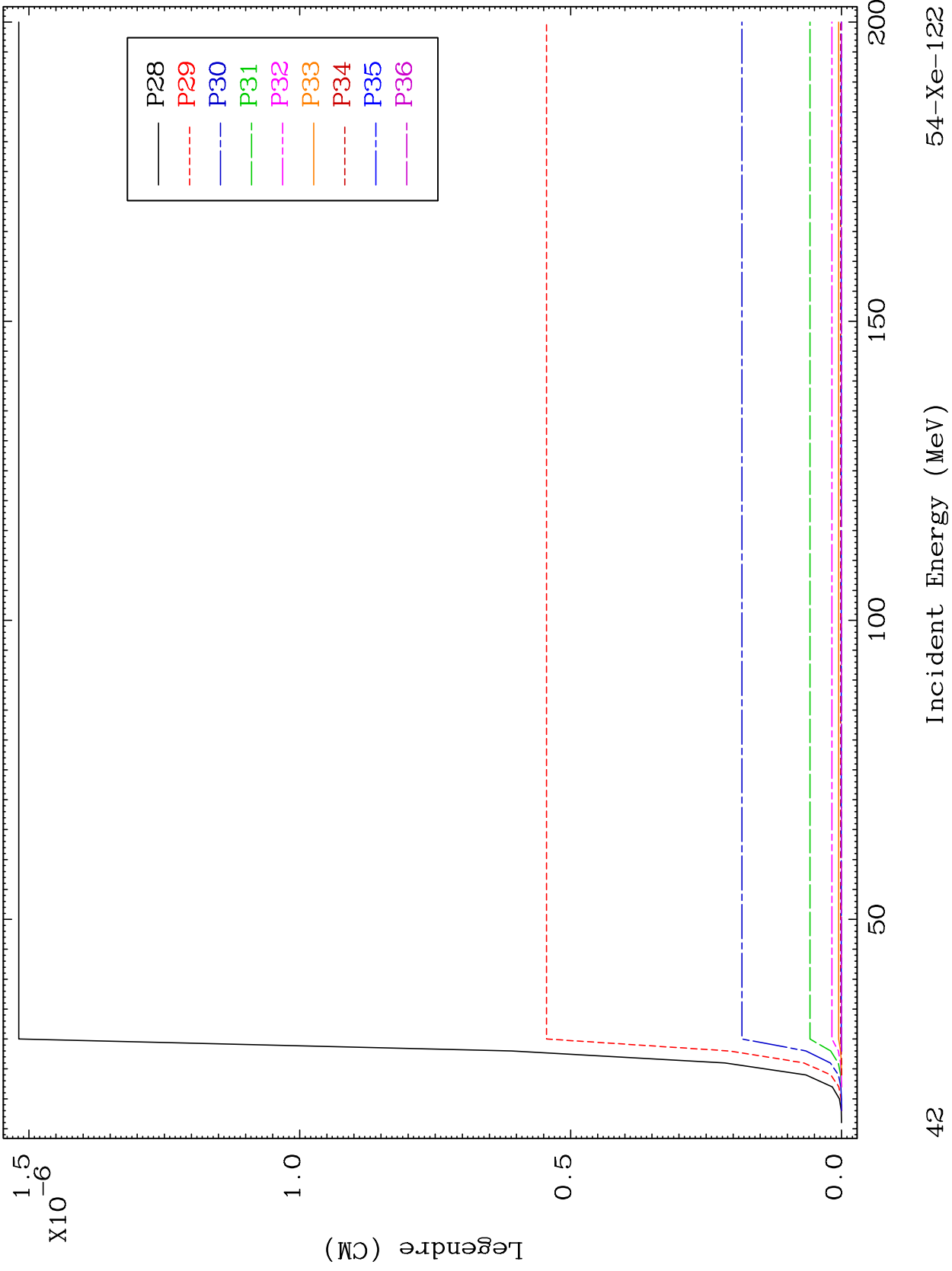
54-Xe-122



MAT 5419

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

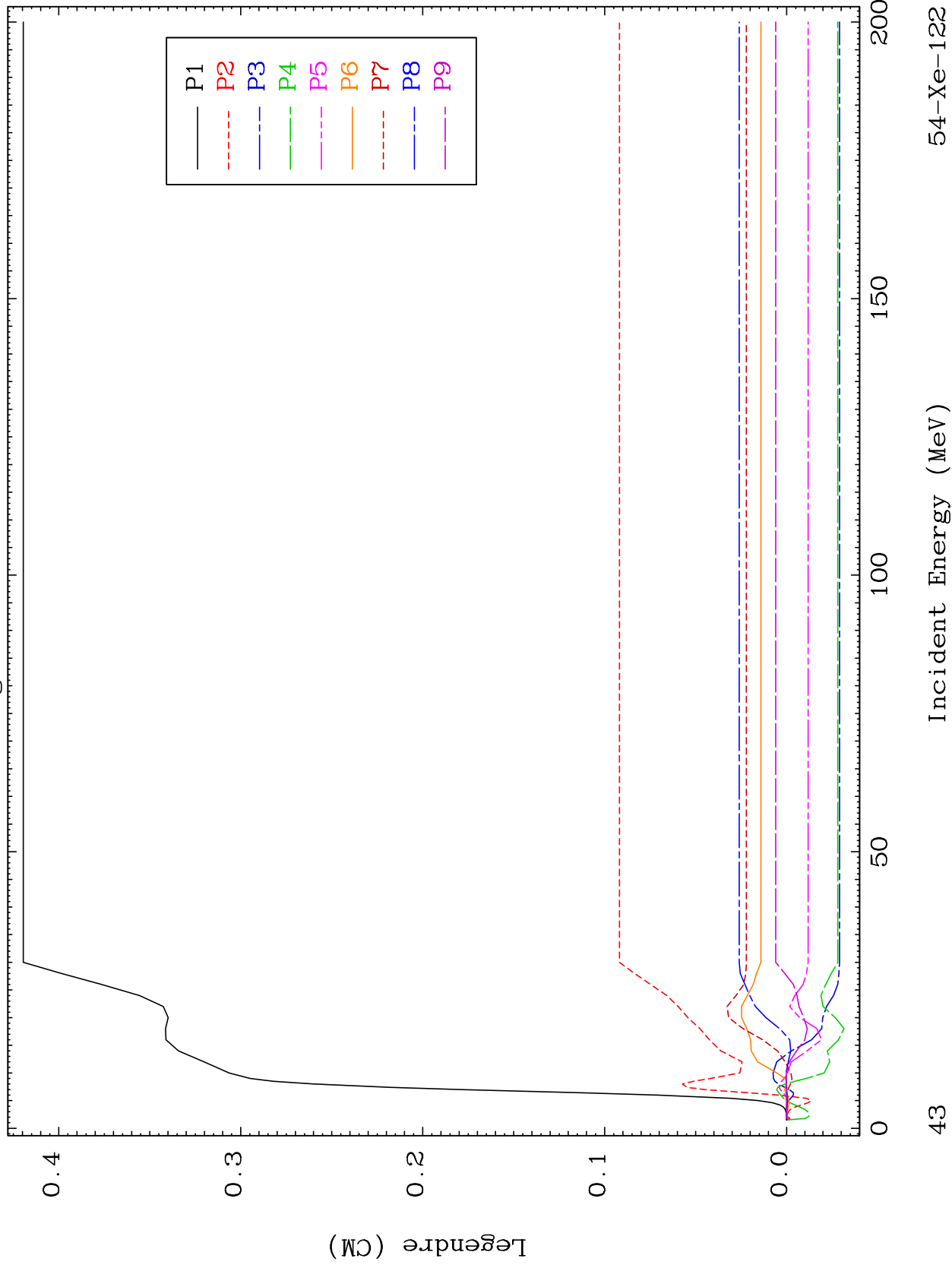
54-Xe-122



MAT 5419

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

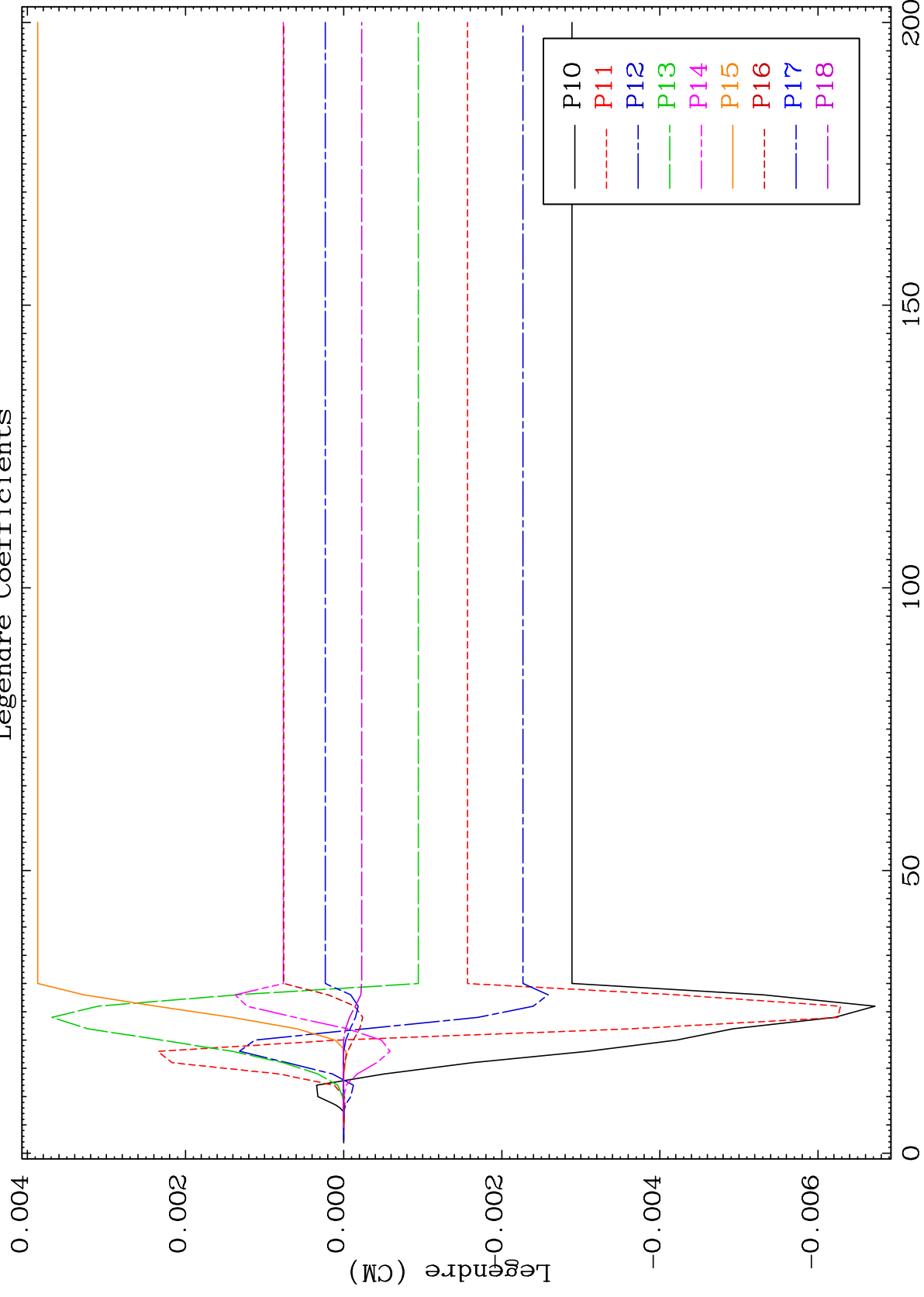
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MAT 5419

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

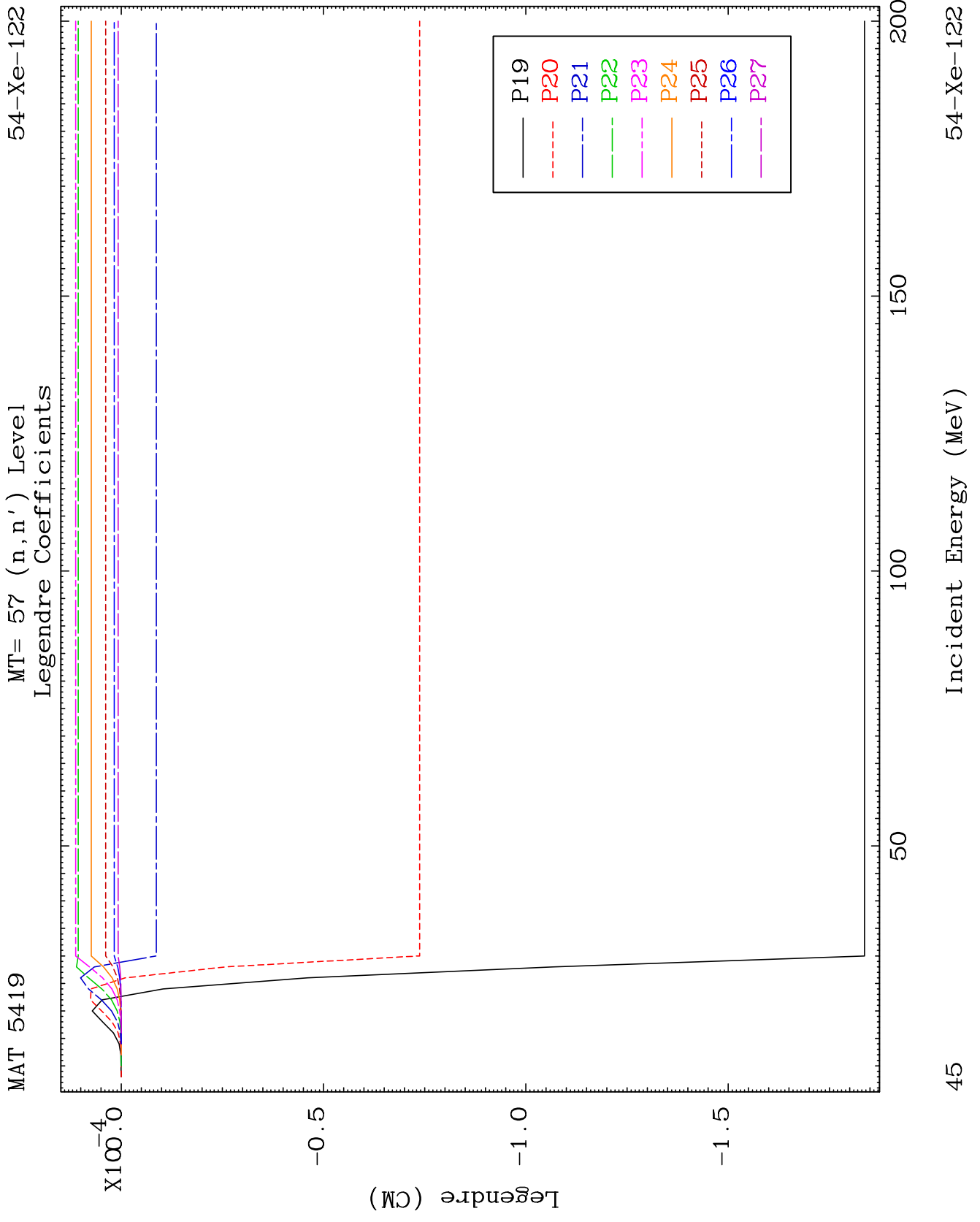
54-Xe-122



44

Incident Energy (MeV)

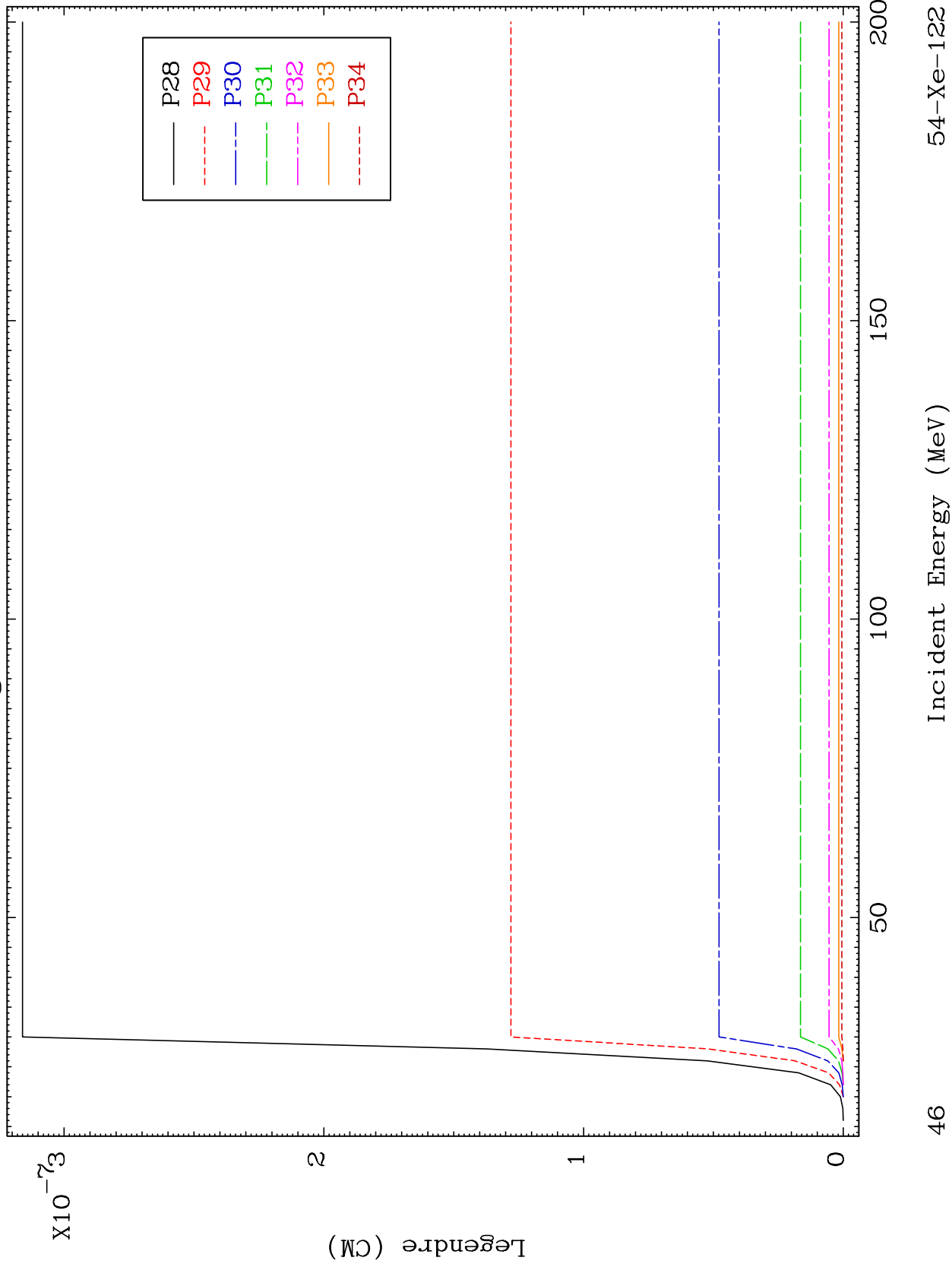
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MAT 5419

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

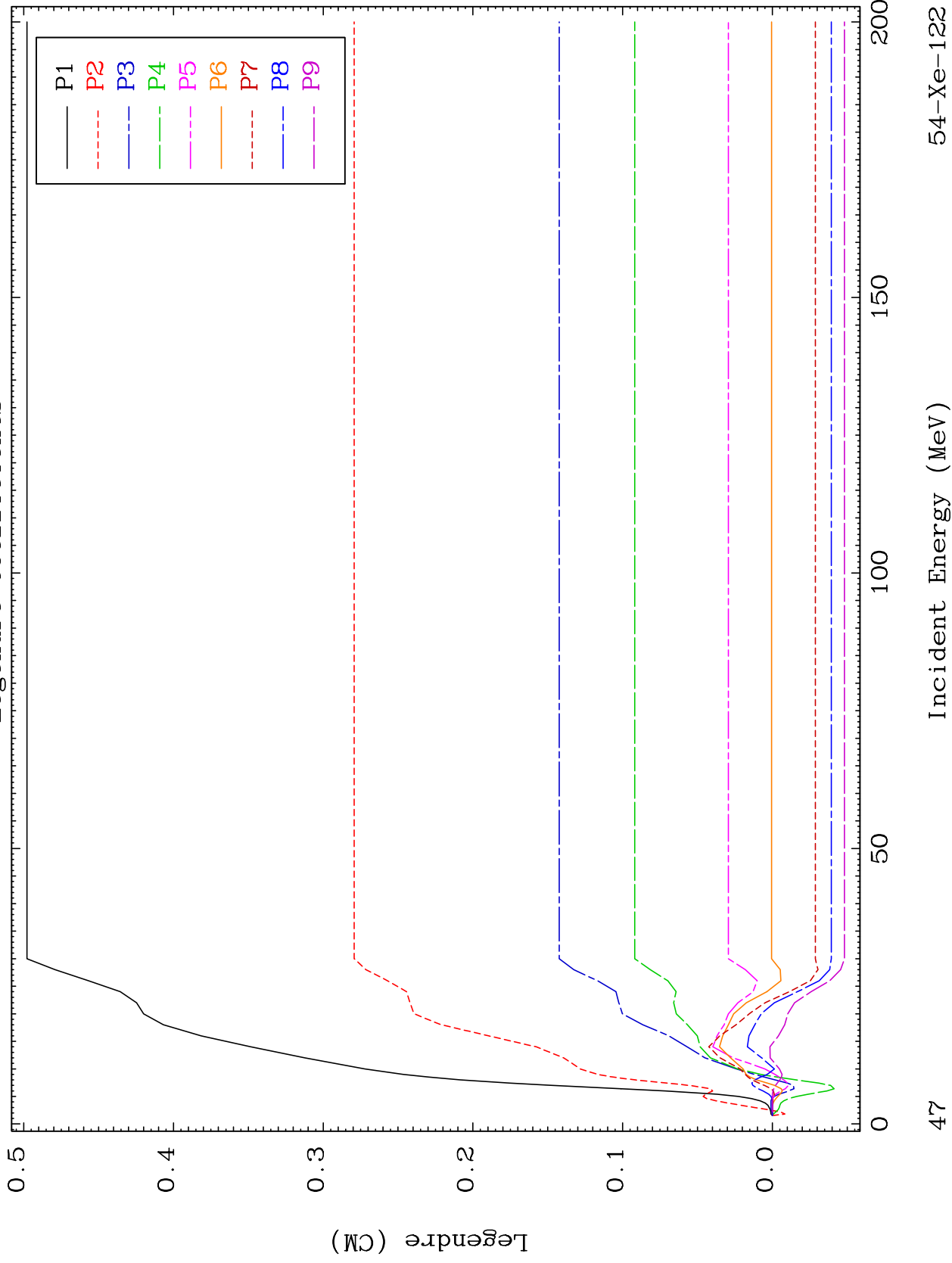
54-Xe-122



MAT 5419

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

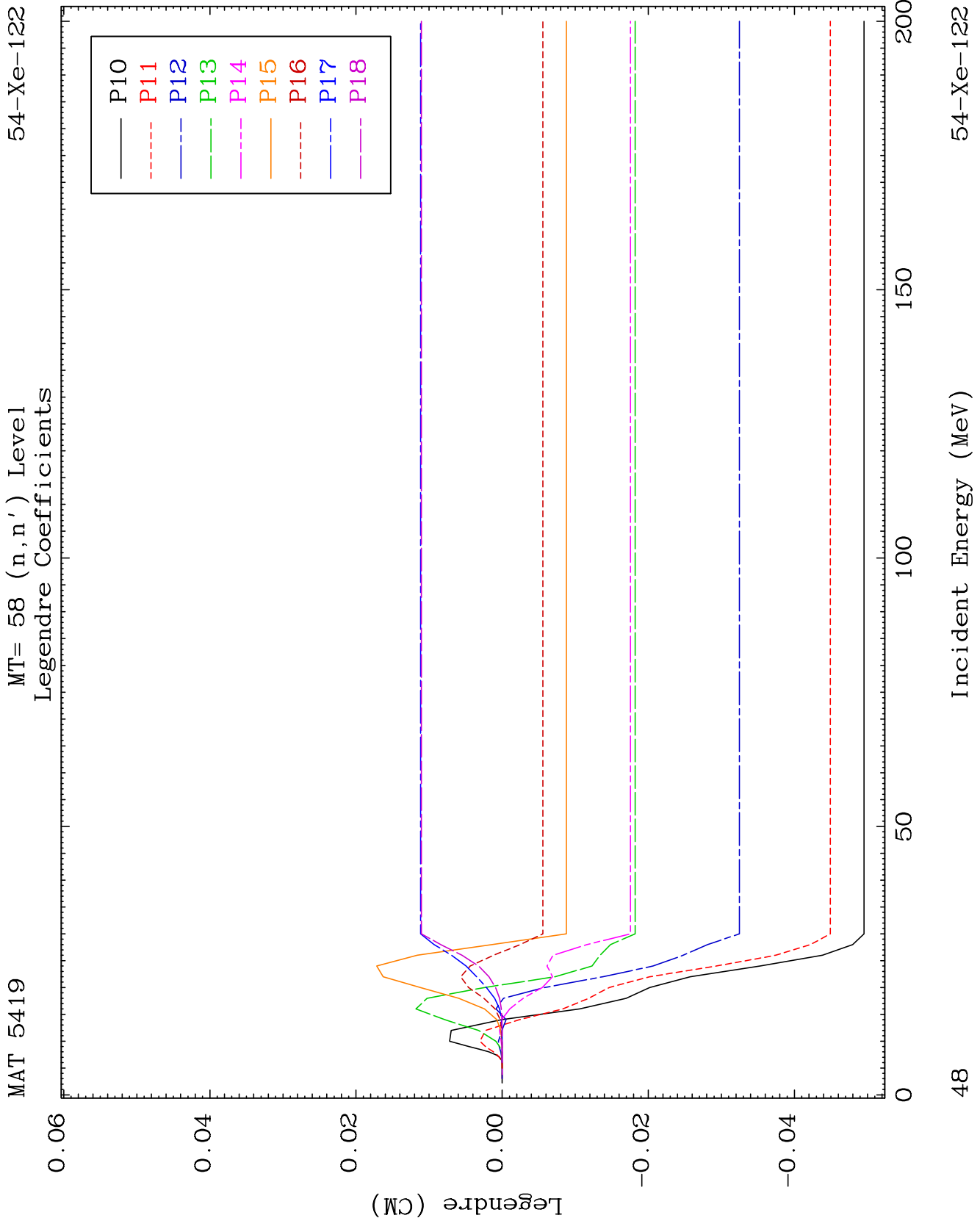
54-Xe-122



47

Incident Energy (MeV)

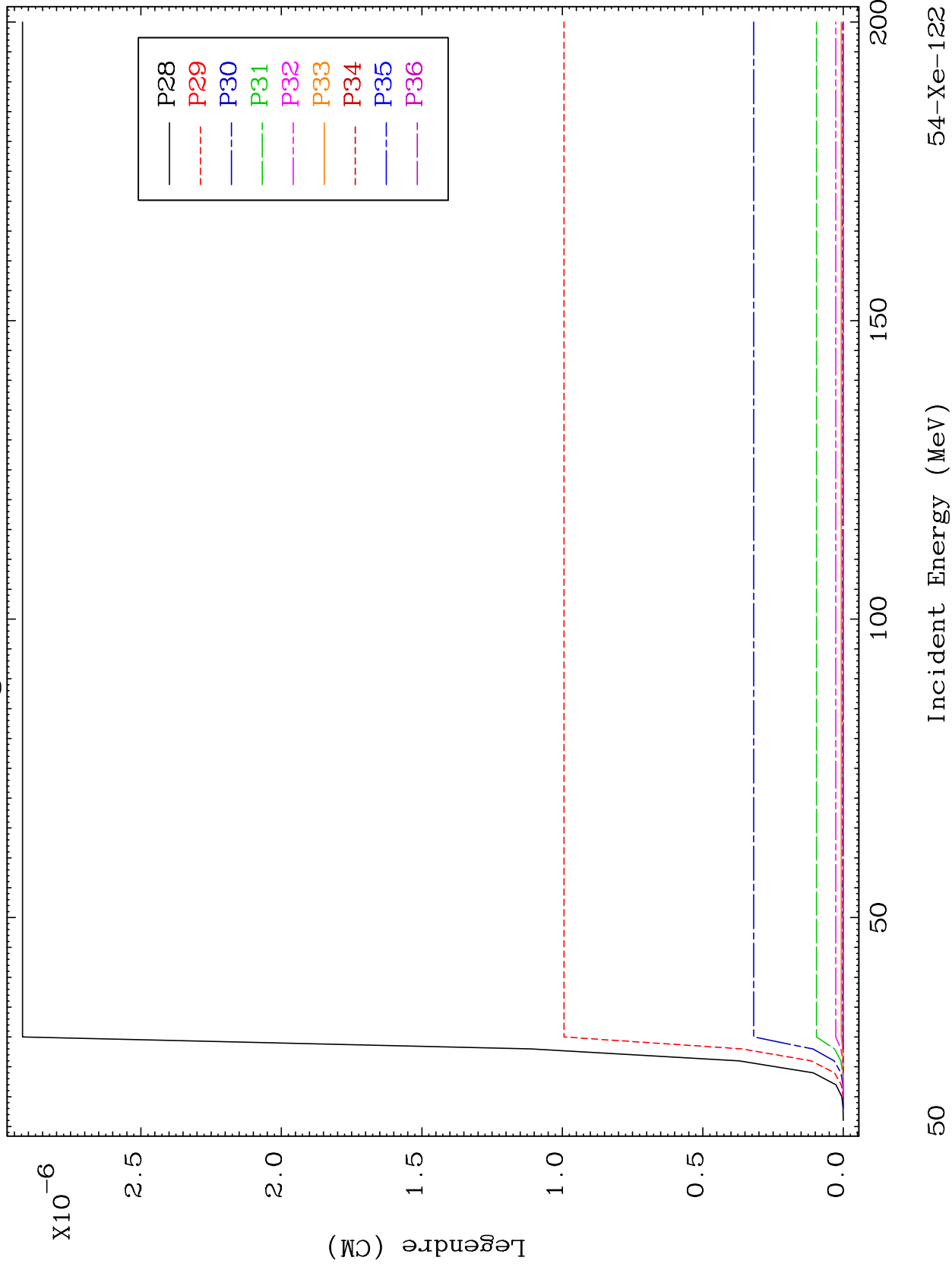
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MAT 5419

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

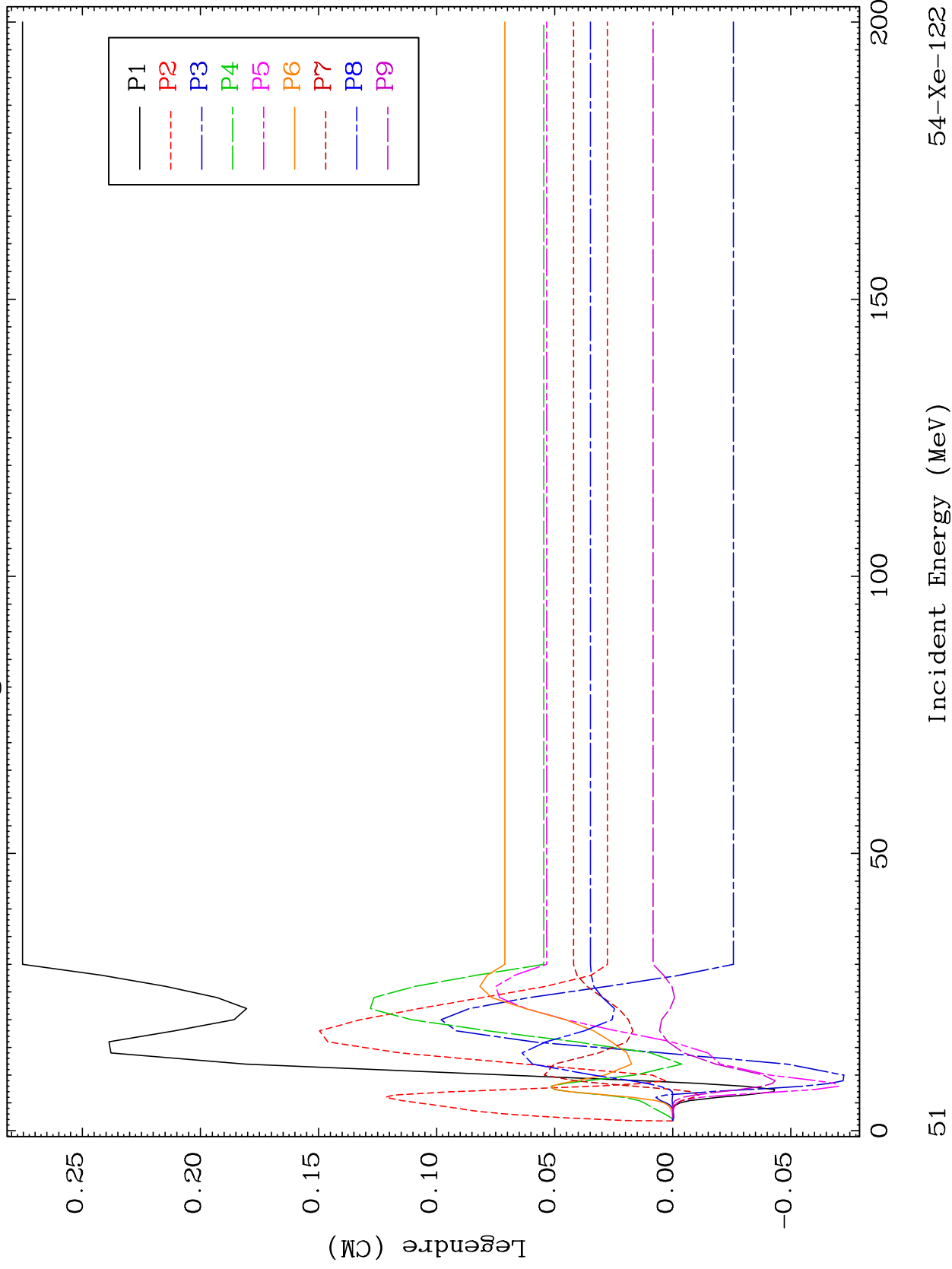
54-Xe-122



MAT 5419

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

54-Xe-122



51

Incident Energy (MeV)

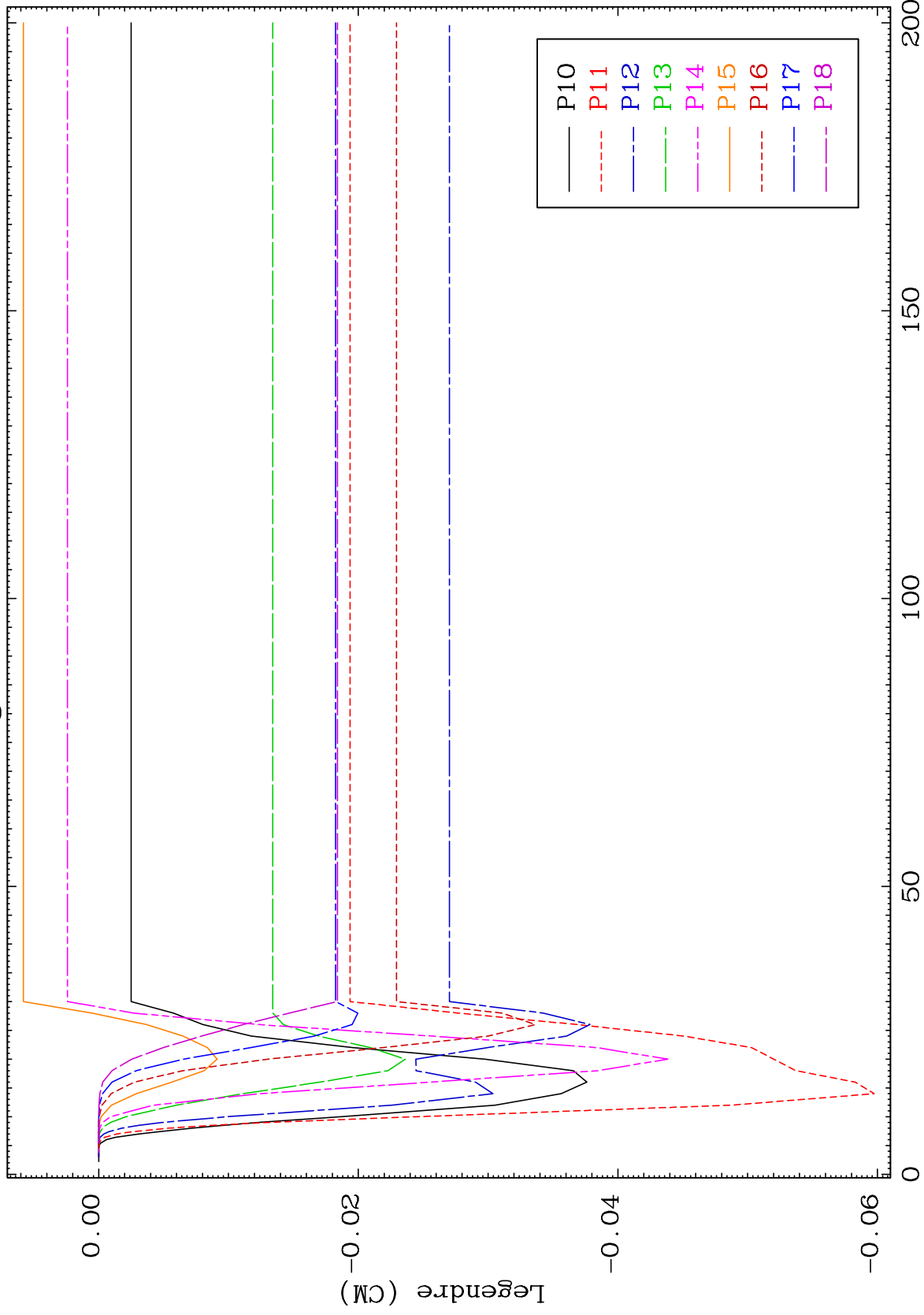
54-Xe-122

MAT 5419

MT= 59 (n,n') Level

54-Xe-122

Legendre Coefficients



52

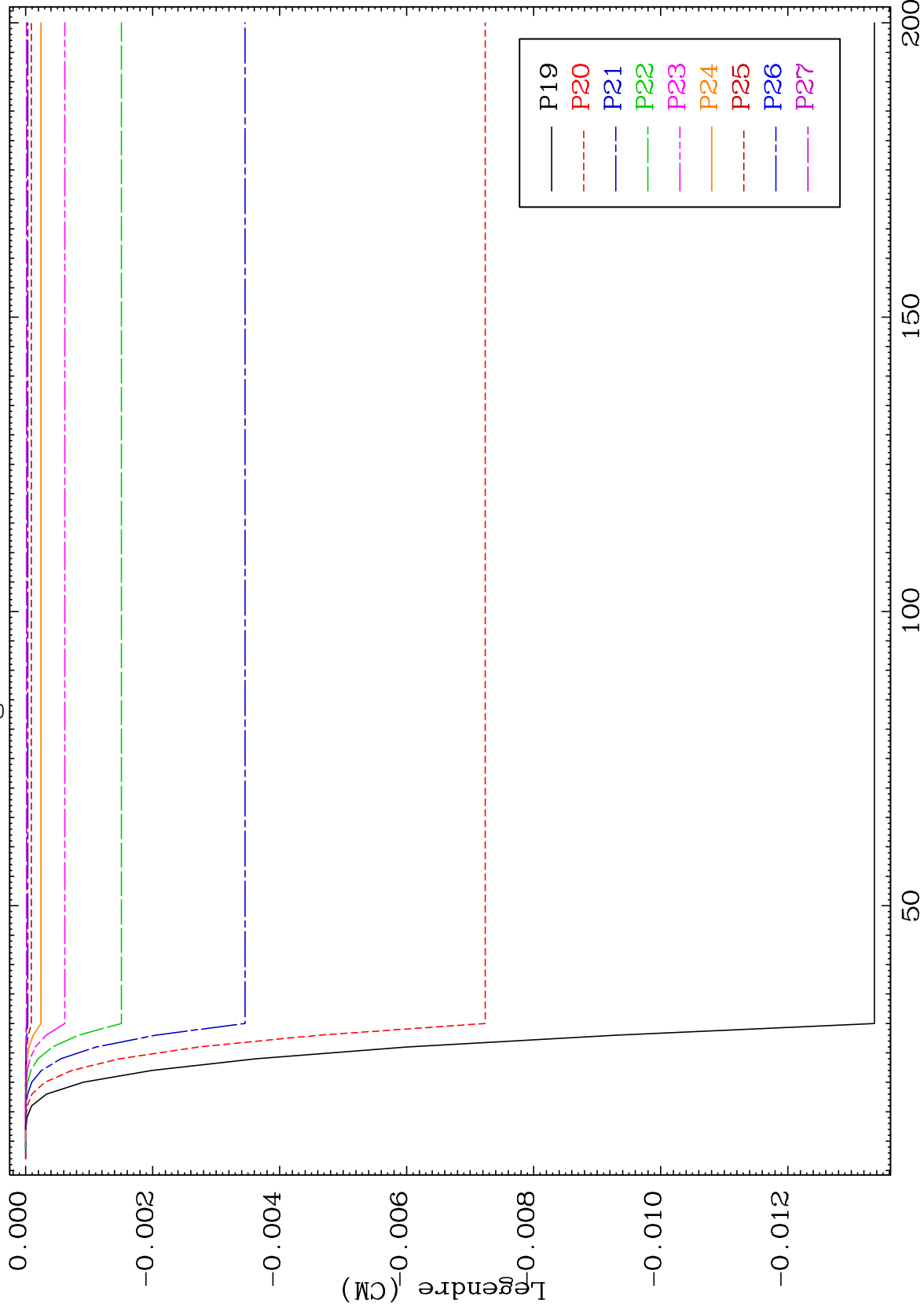
Incident Energy (MeV)

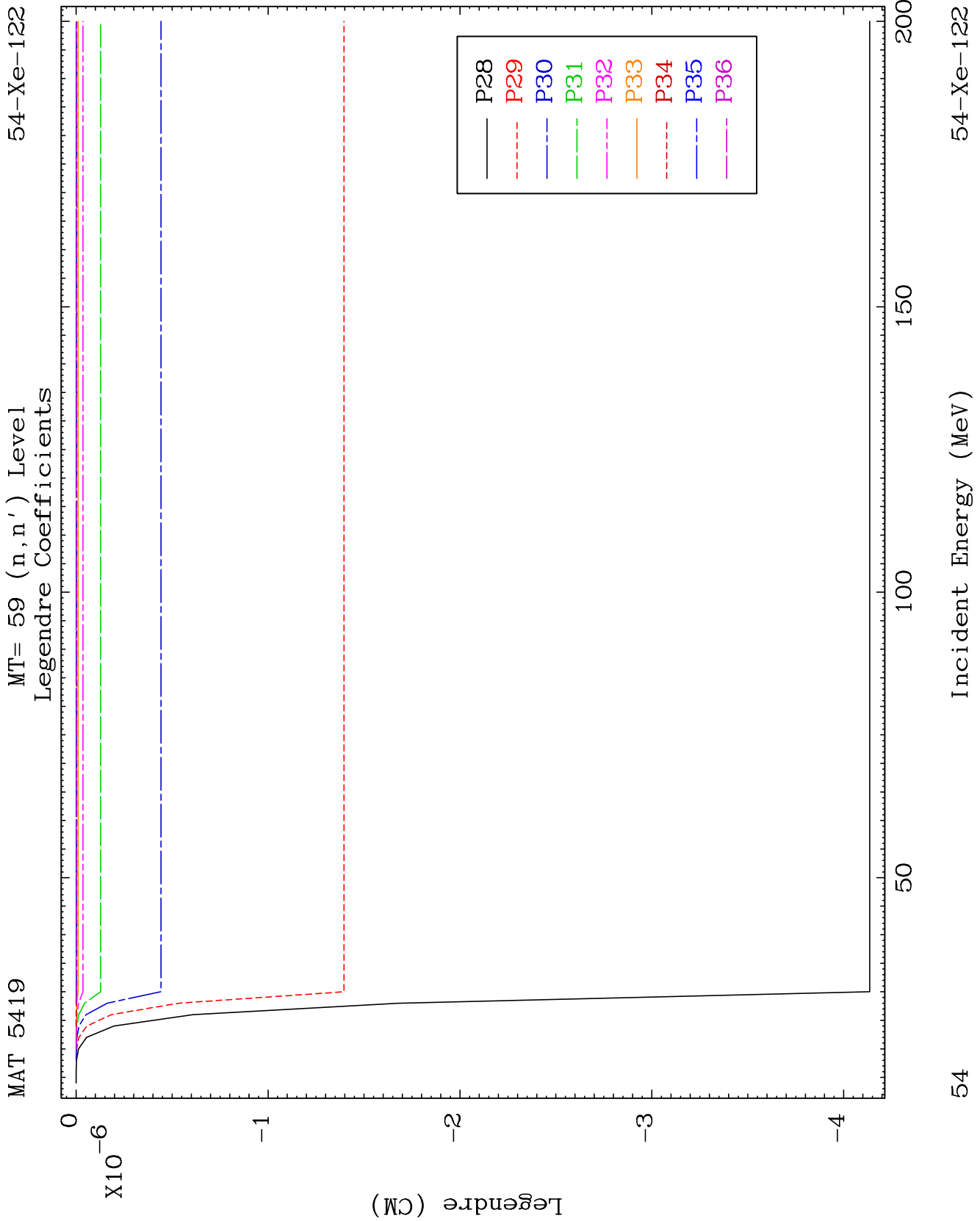
54-Xe-122

MAT 5419

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

54-Xe-122

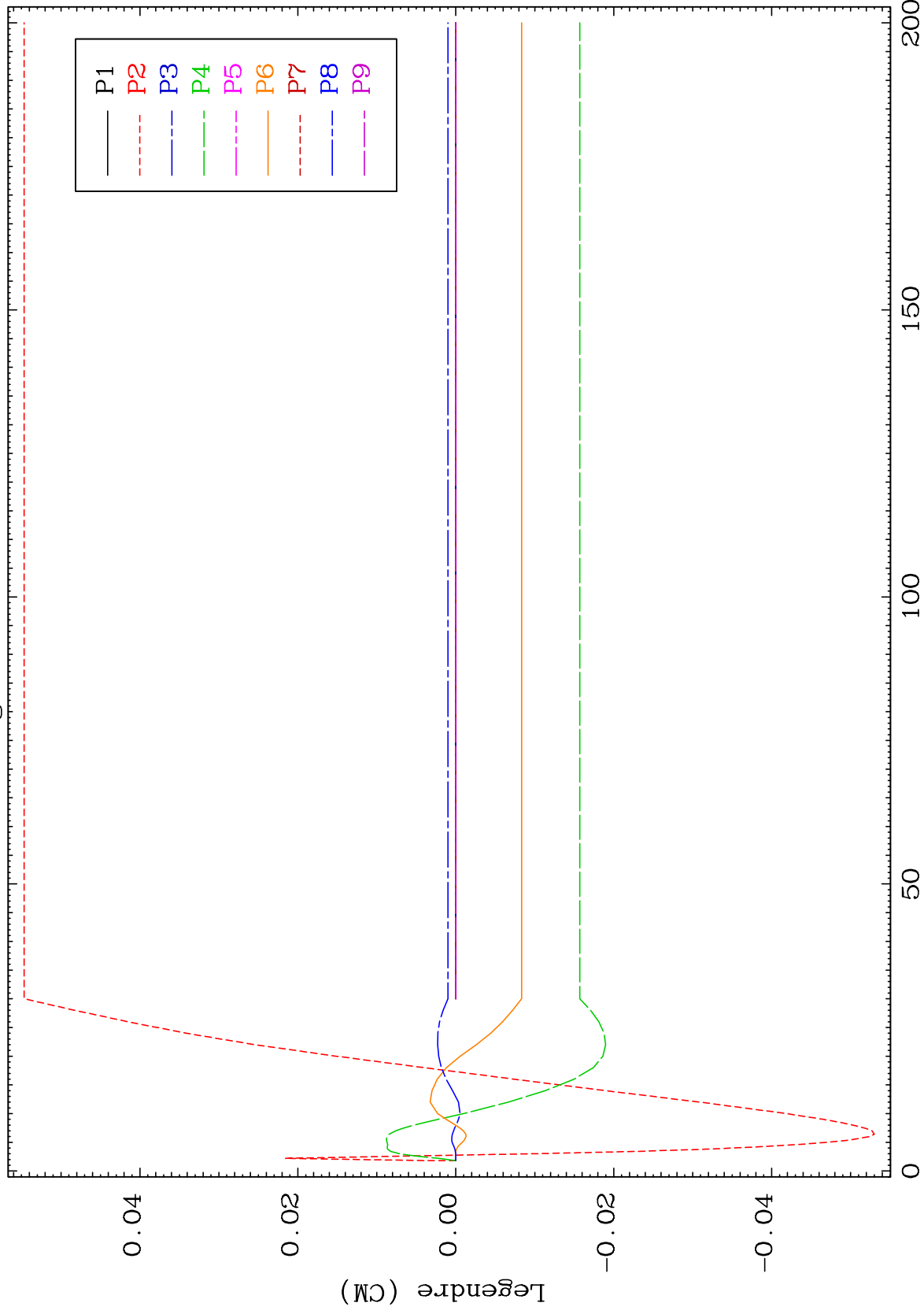




MAT 5419

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

54-Xe-122



54-Xe-122

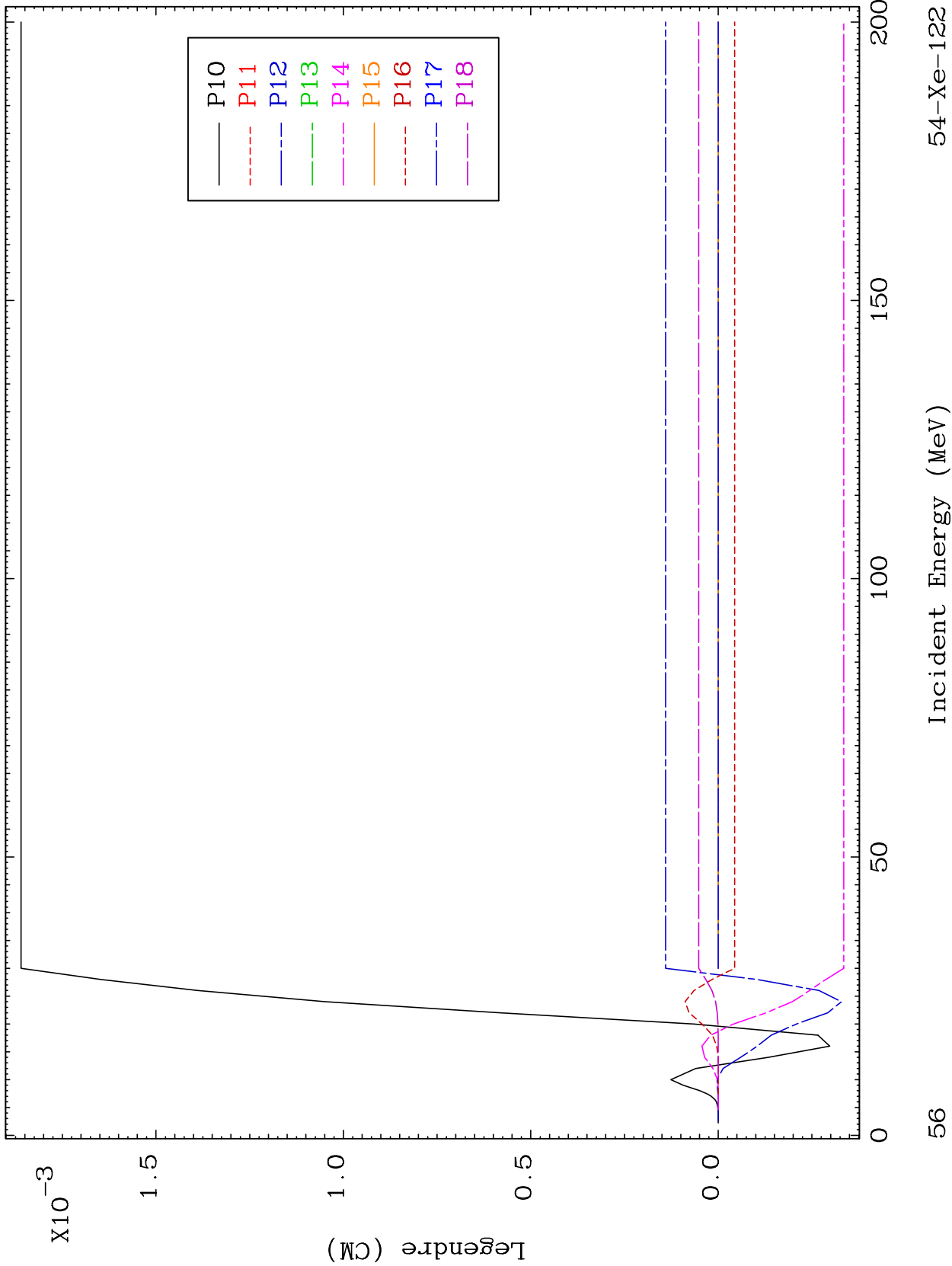
Incident Energy (MeV)

55

MAT 5419

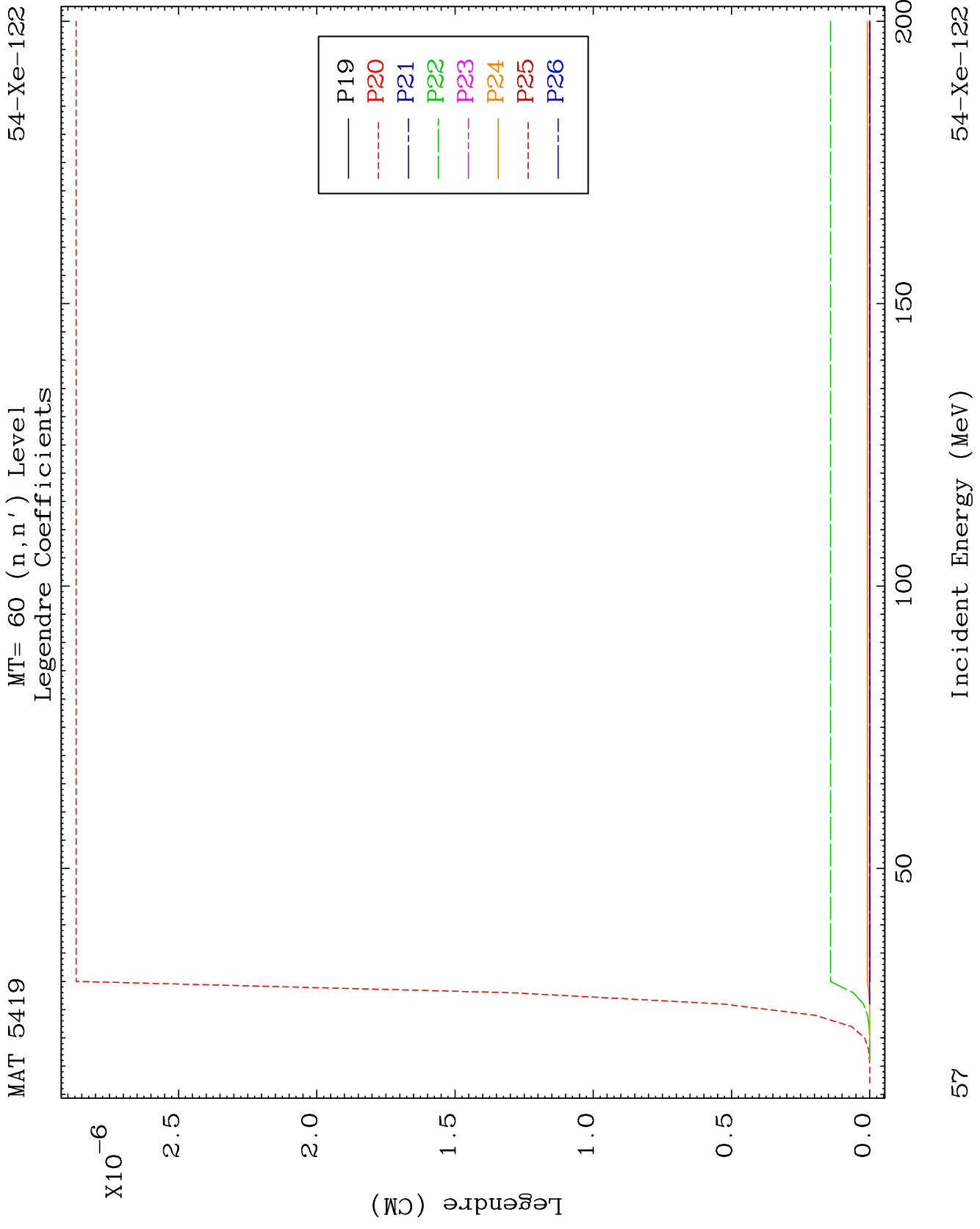
MT= 60 (n,n') Level
Legendre Coefficients

54-Xe-122



56

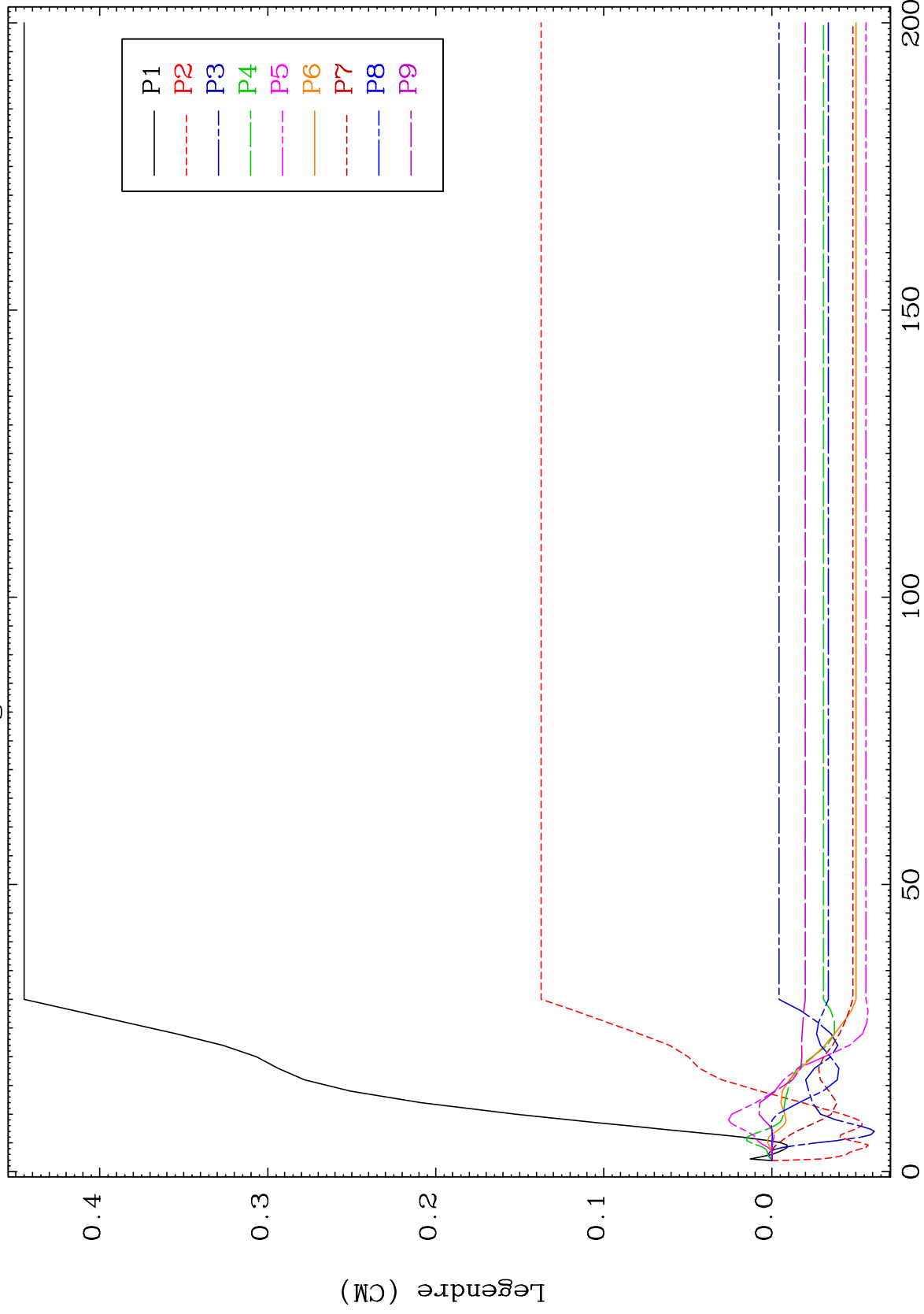
54-Xe-122



MAT 5419

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

54-Xe-122



58

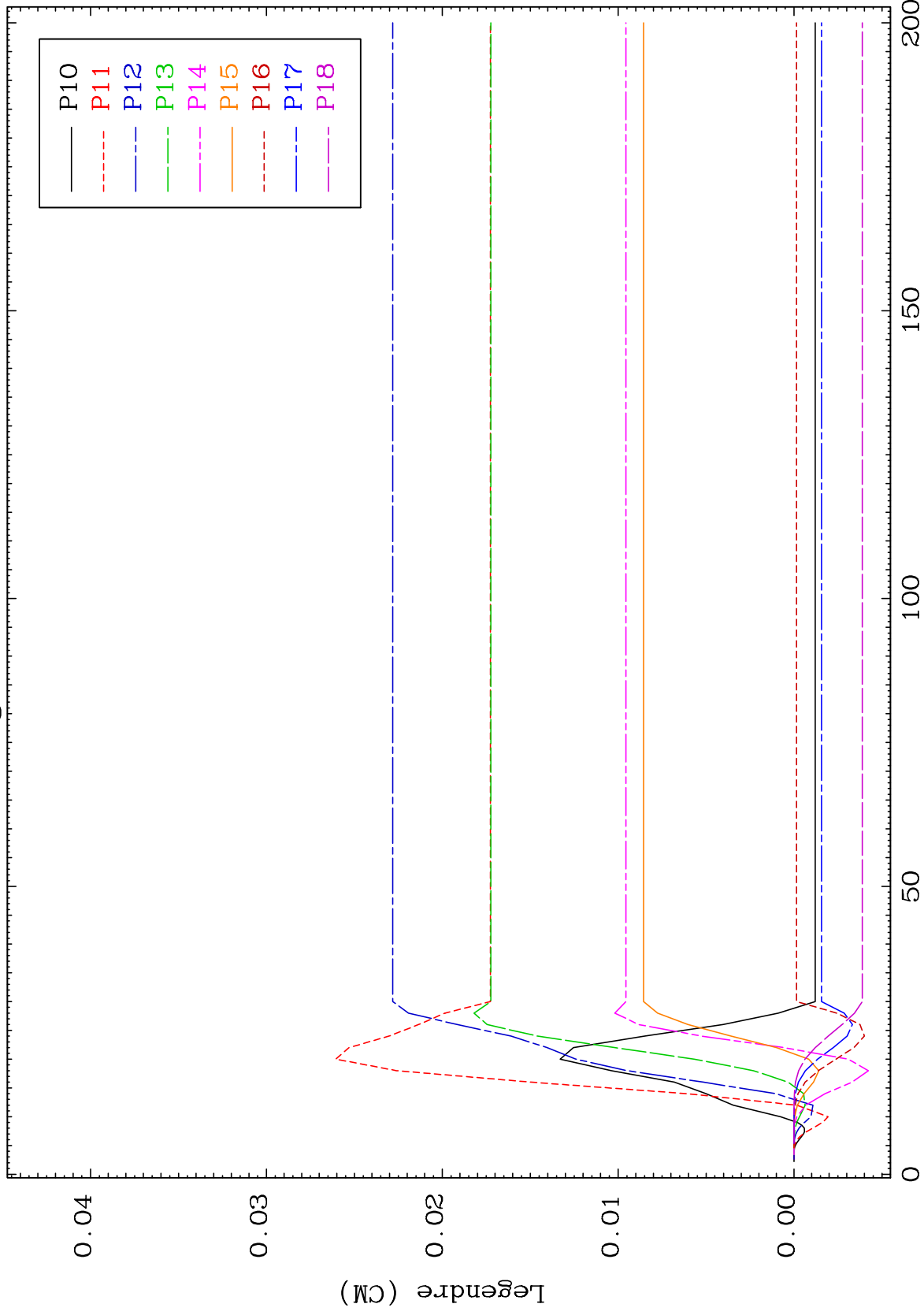
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



59

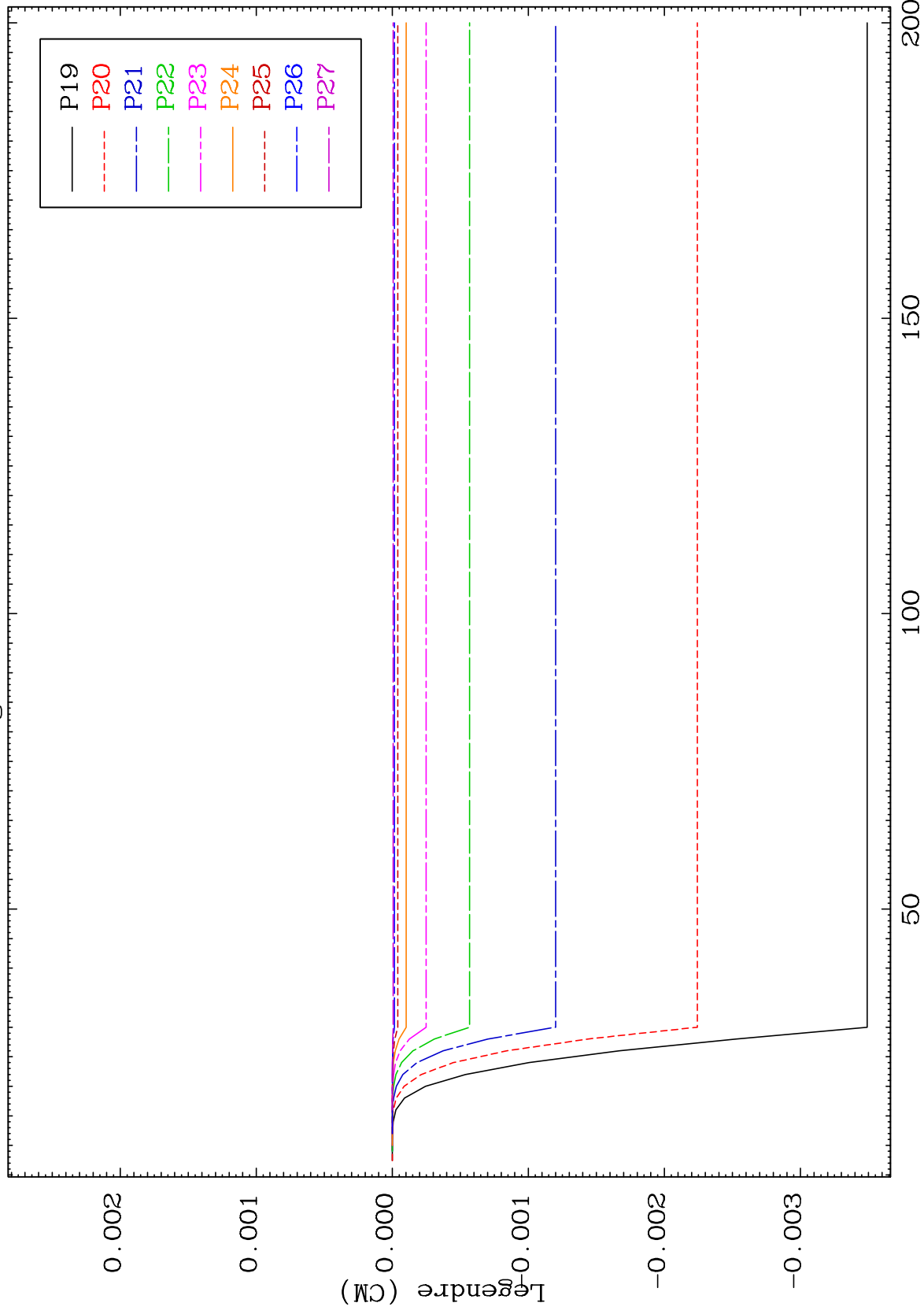
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



60

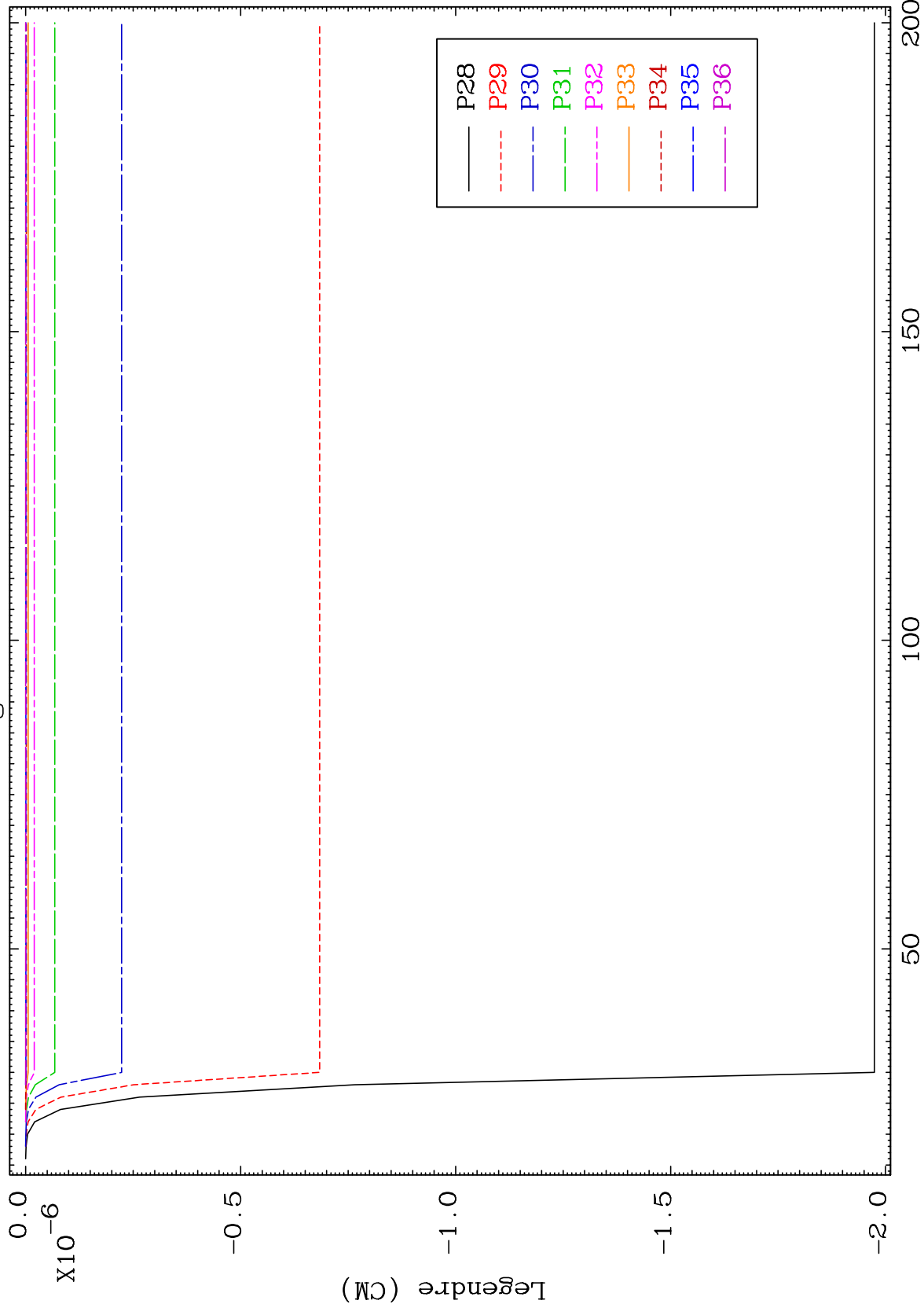
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



61

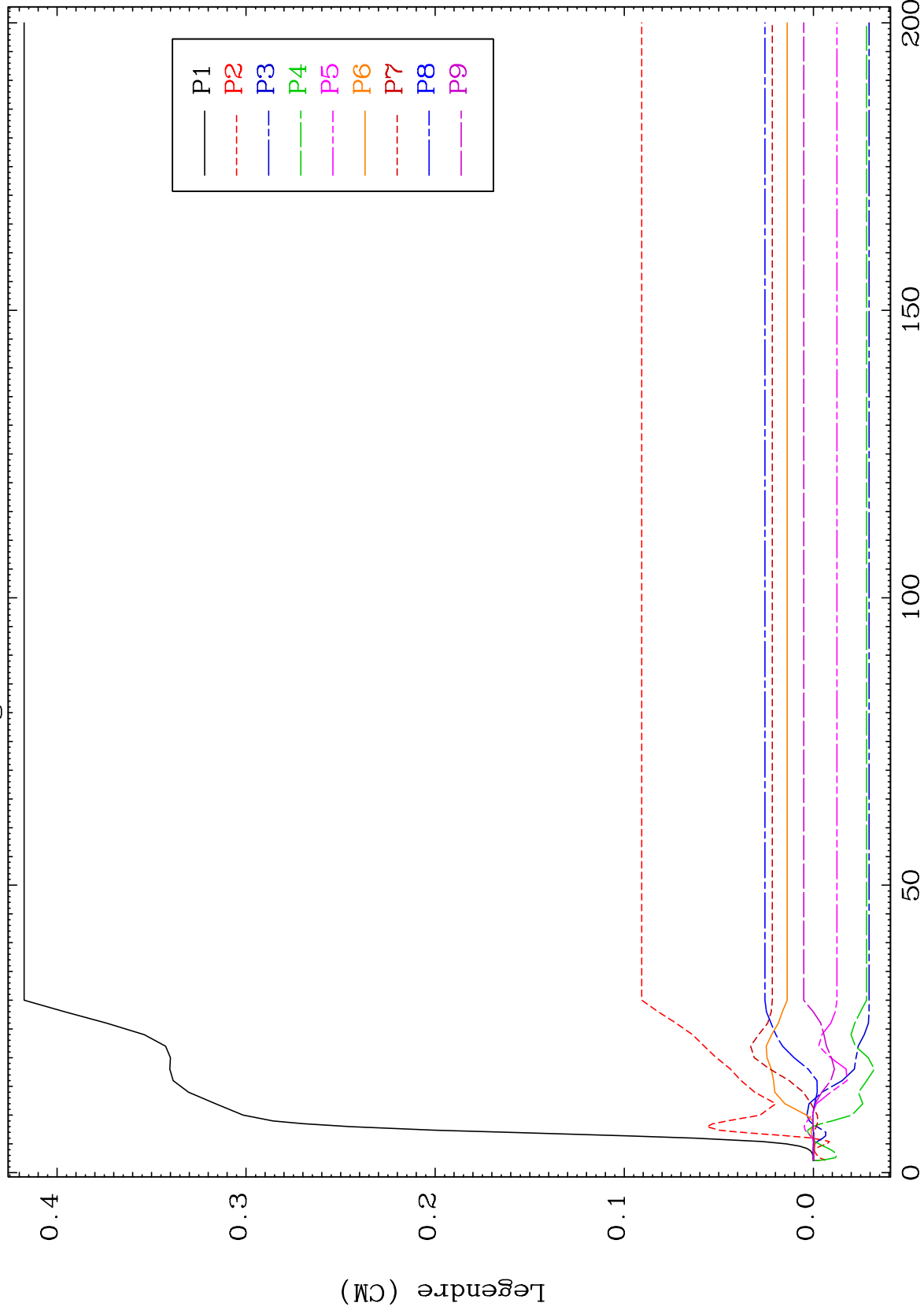
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



62

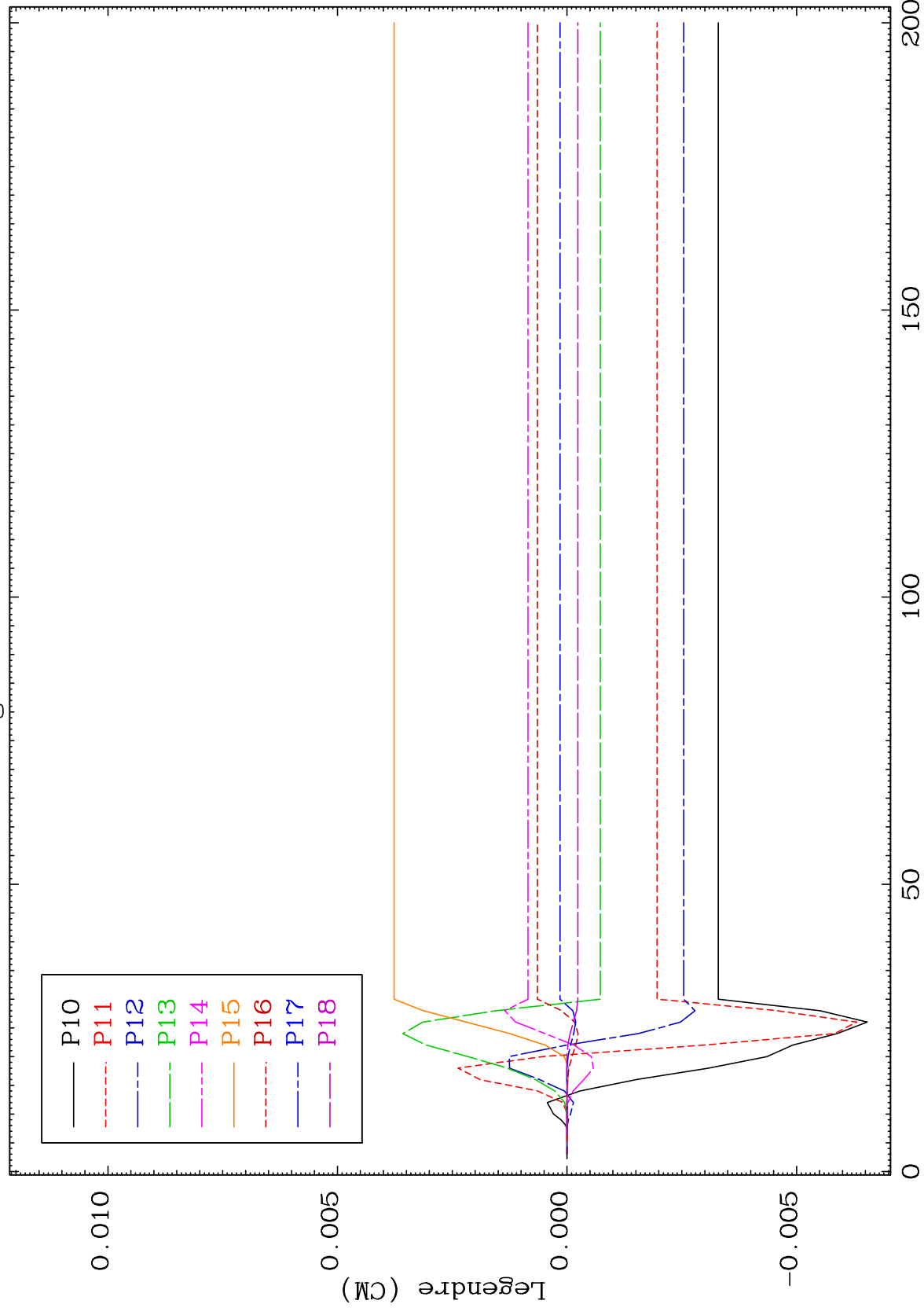
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



63

Incident Energy (MeV)

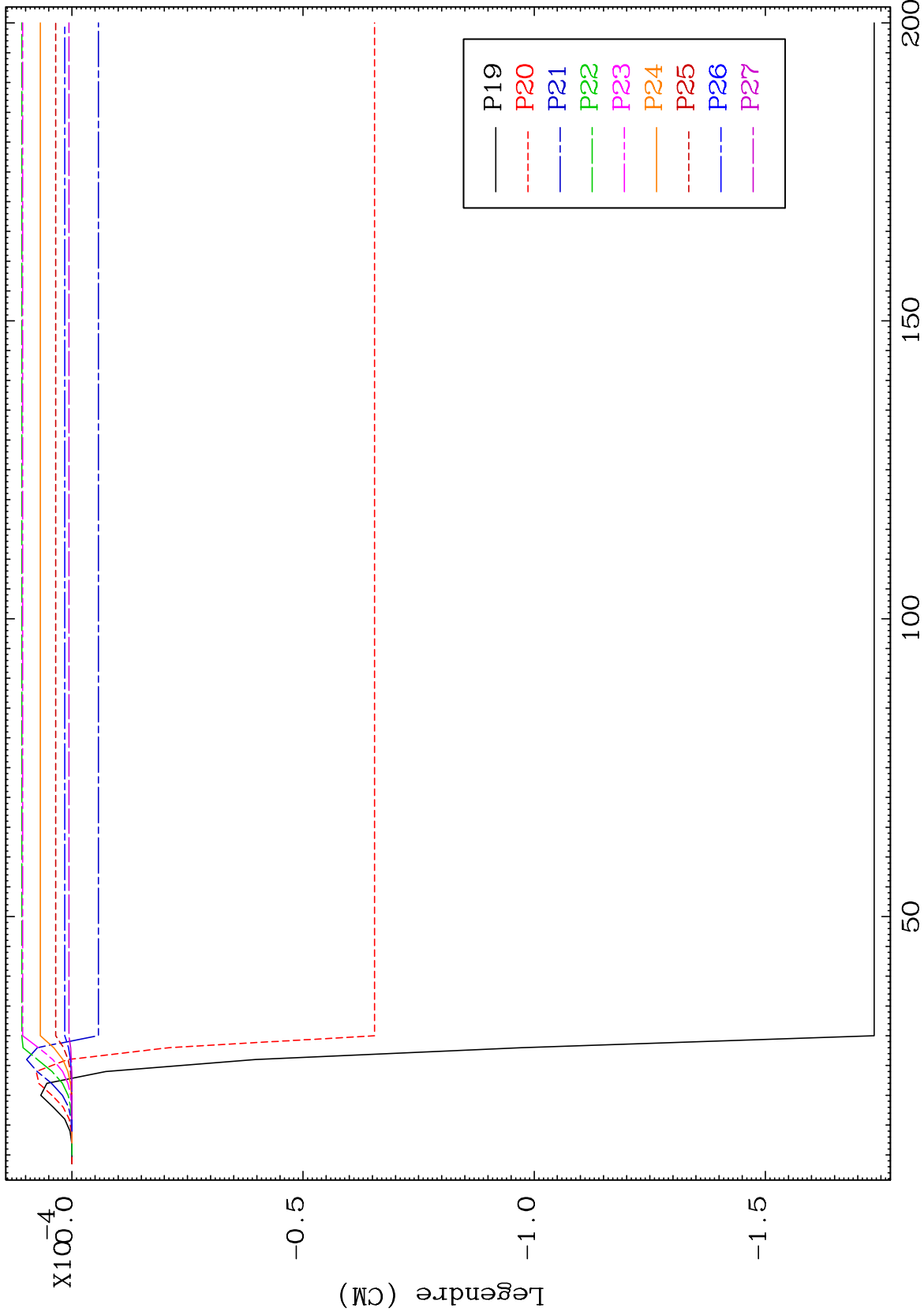
54-Xe-122

MAT 5419

MT= 62 (n,n') Level

54-Xe-122

Legendre Coefficients



64

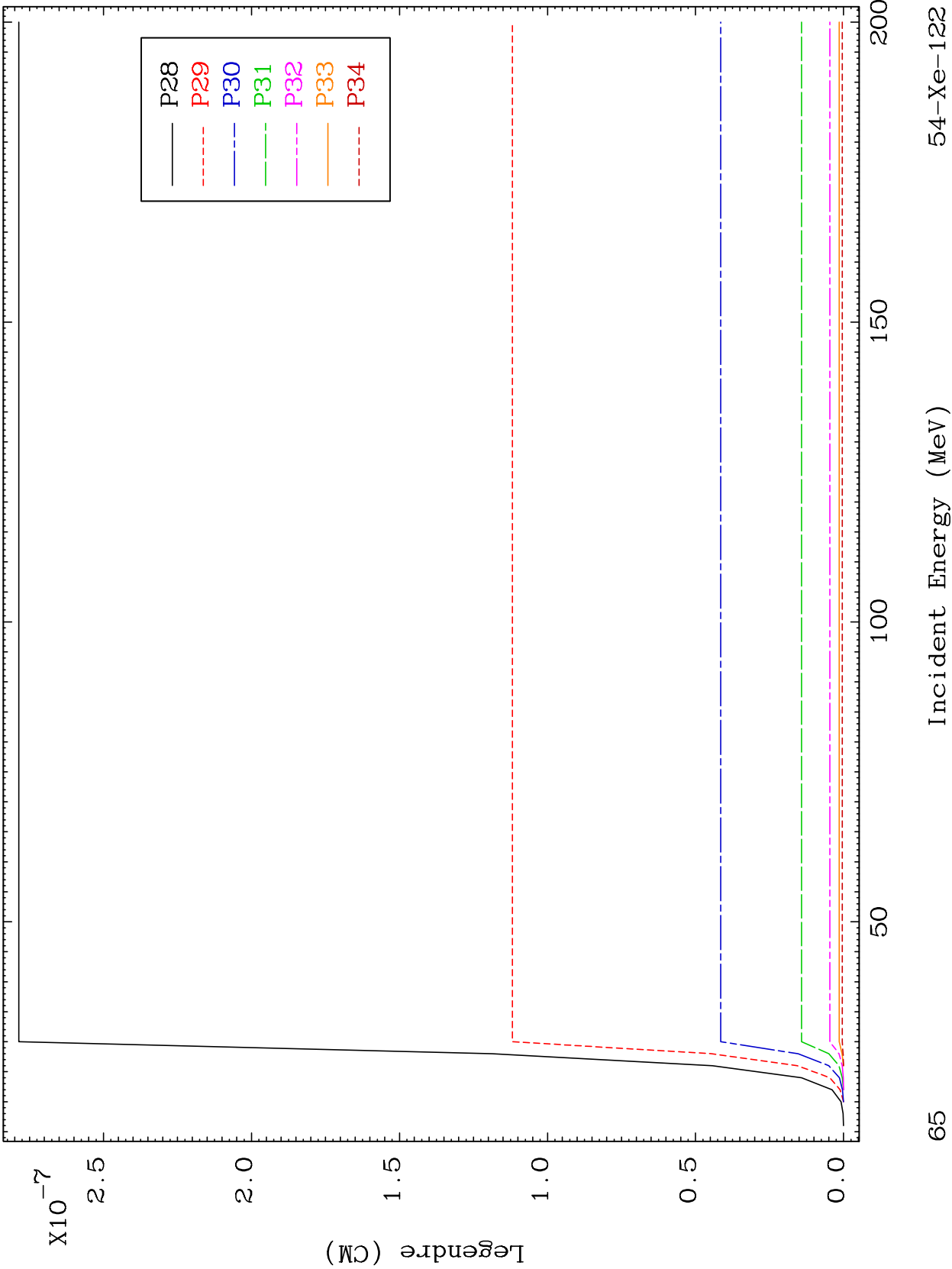
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

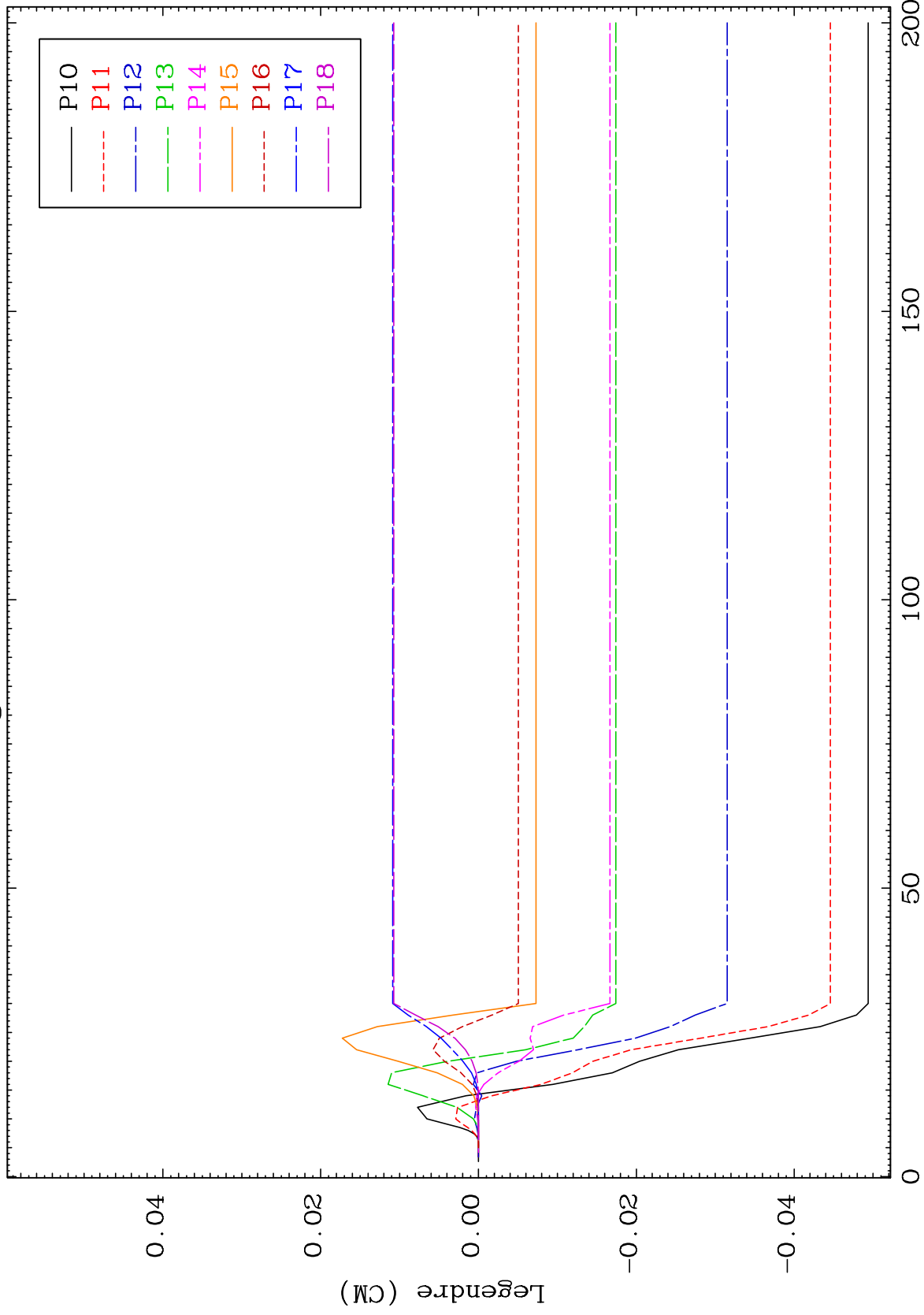
54-Xe-122



MAT 5419

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

54-Xe-122



67

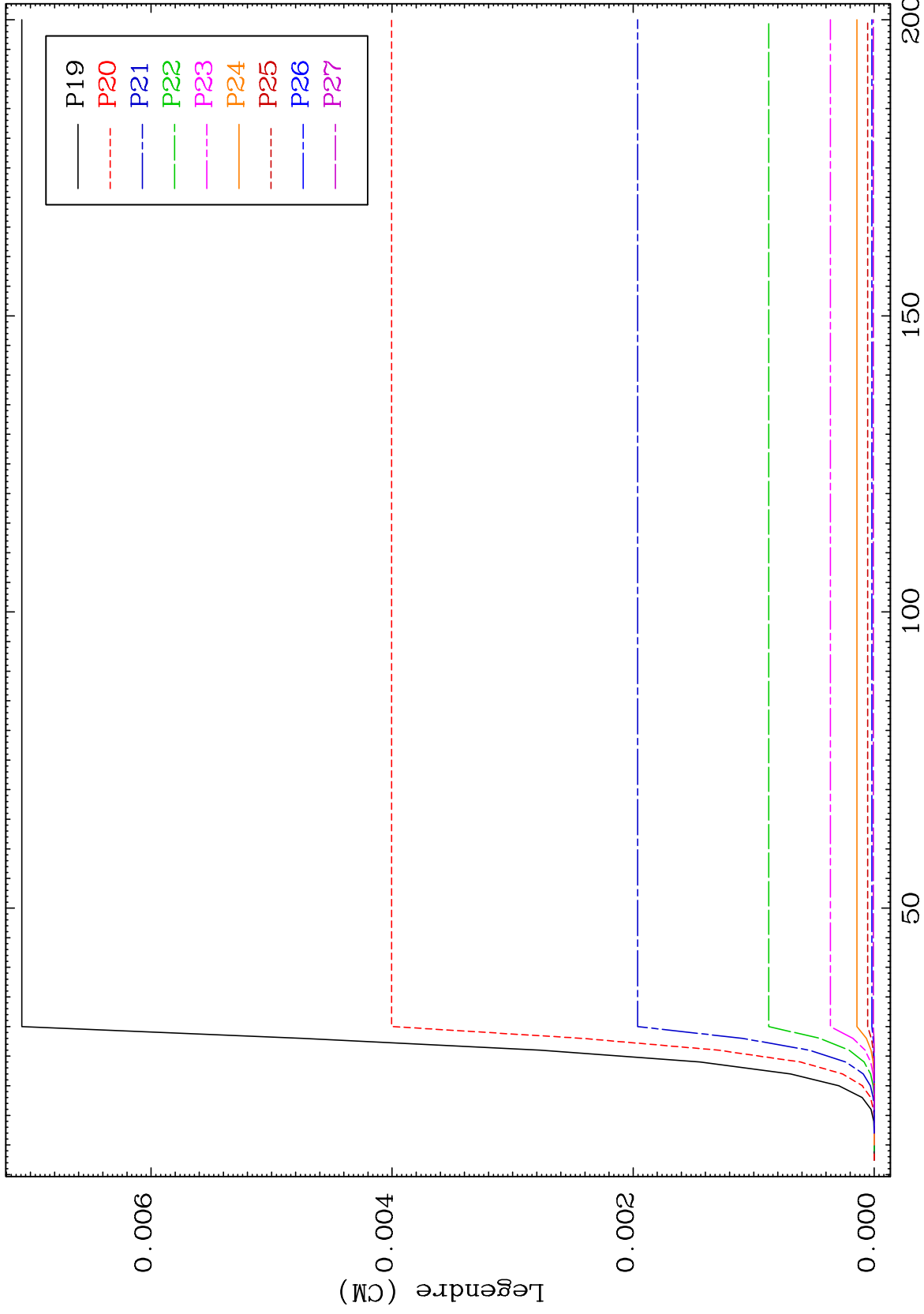
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



68

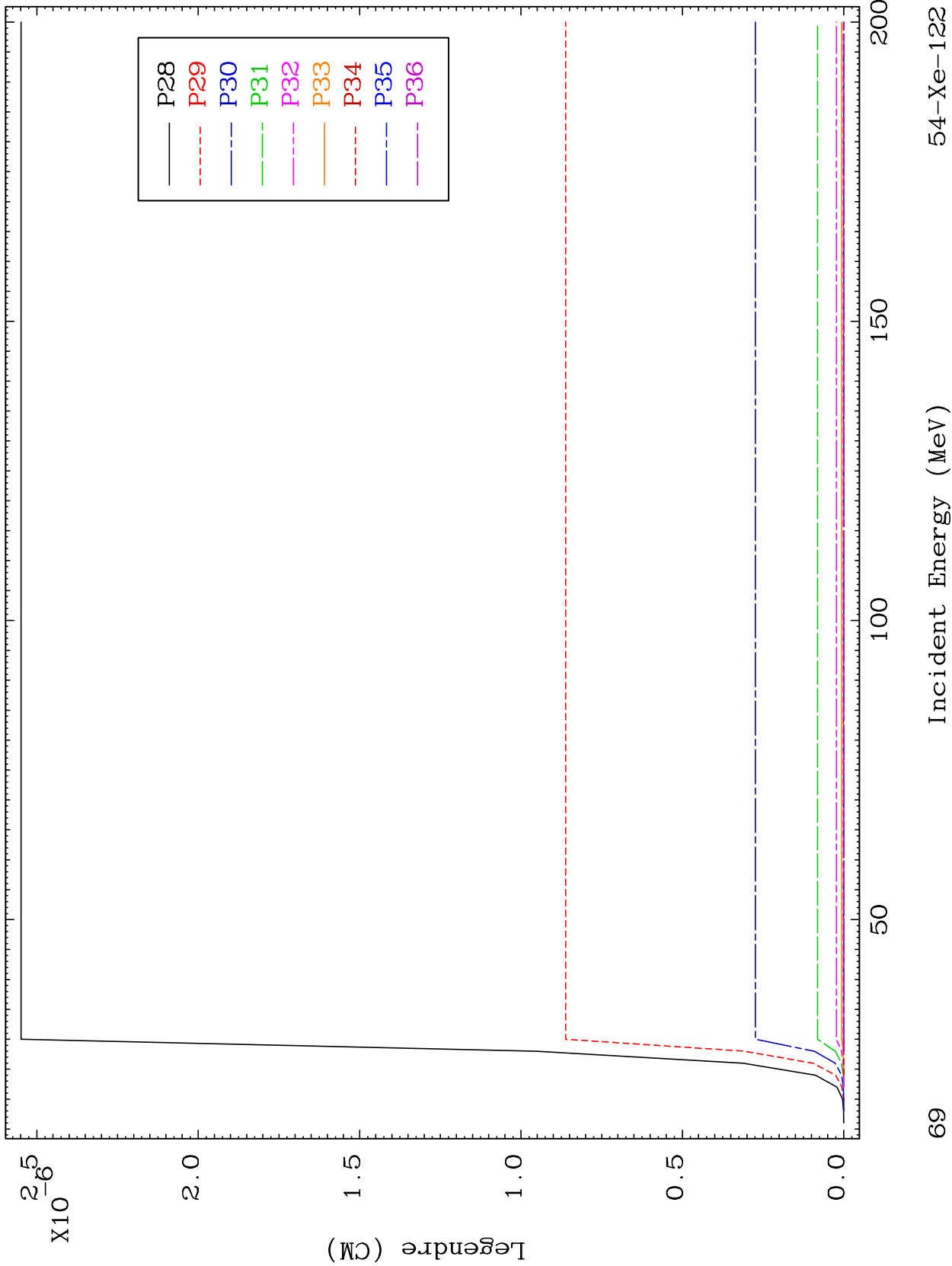
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

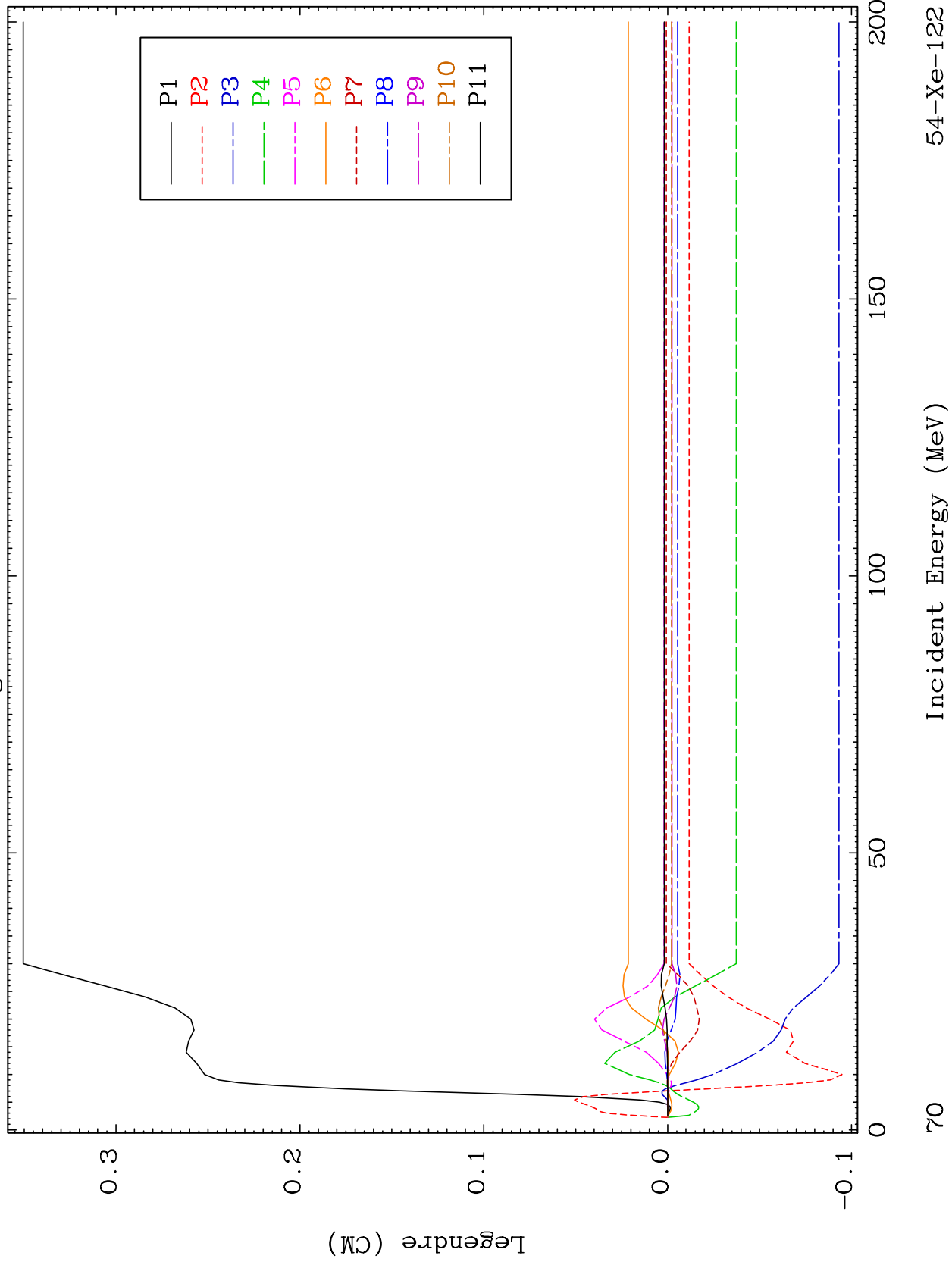
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

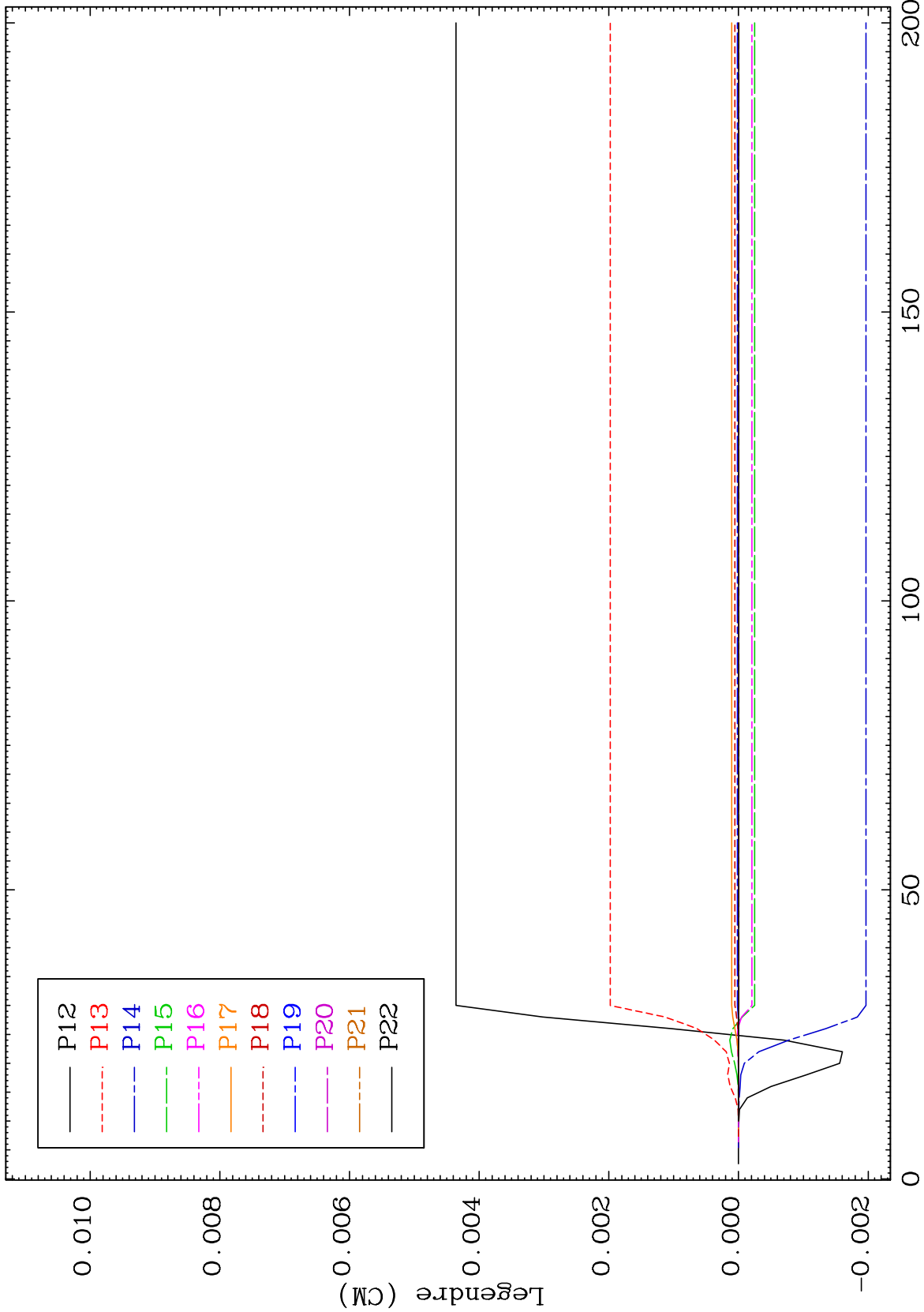
Incident Energy (MeV)

70

MAT 5419

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

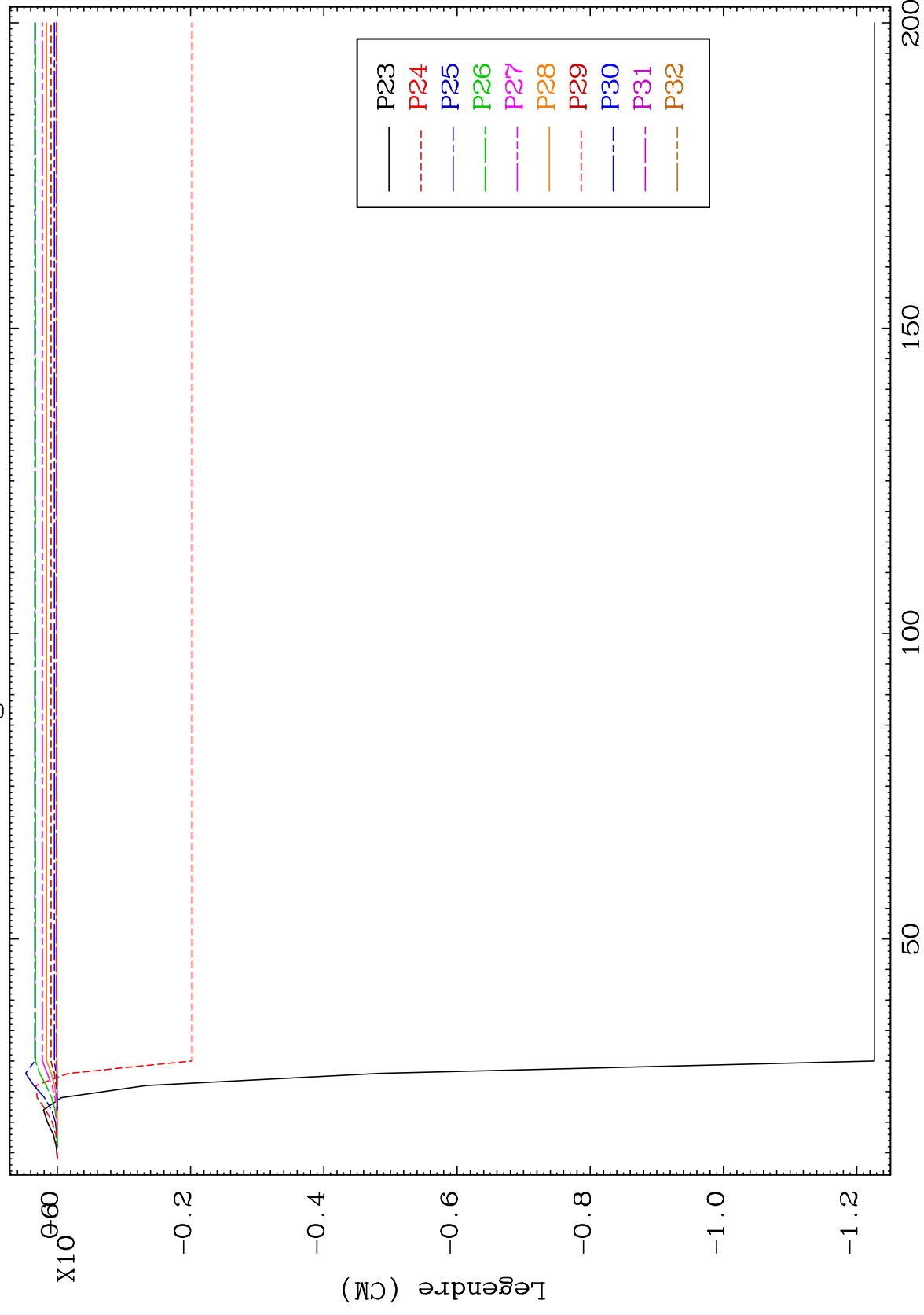
54-Xe-122



MAT 5419

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

54-Xe-122



72

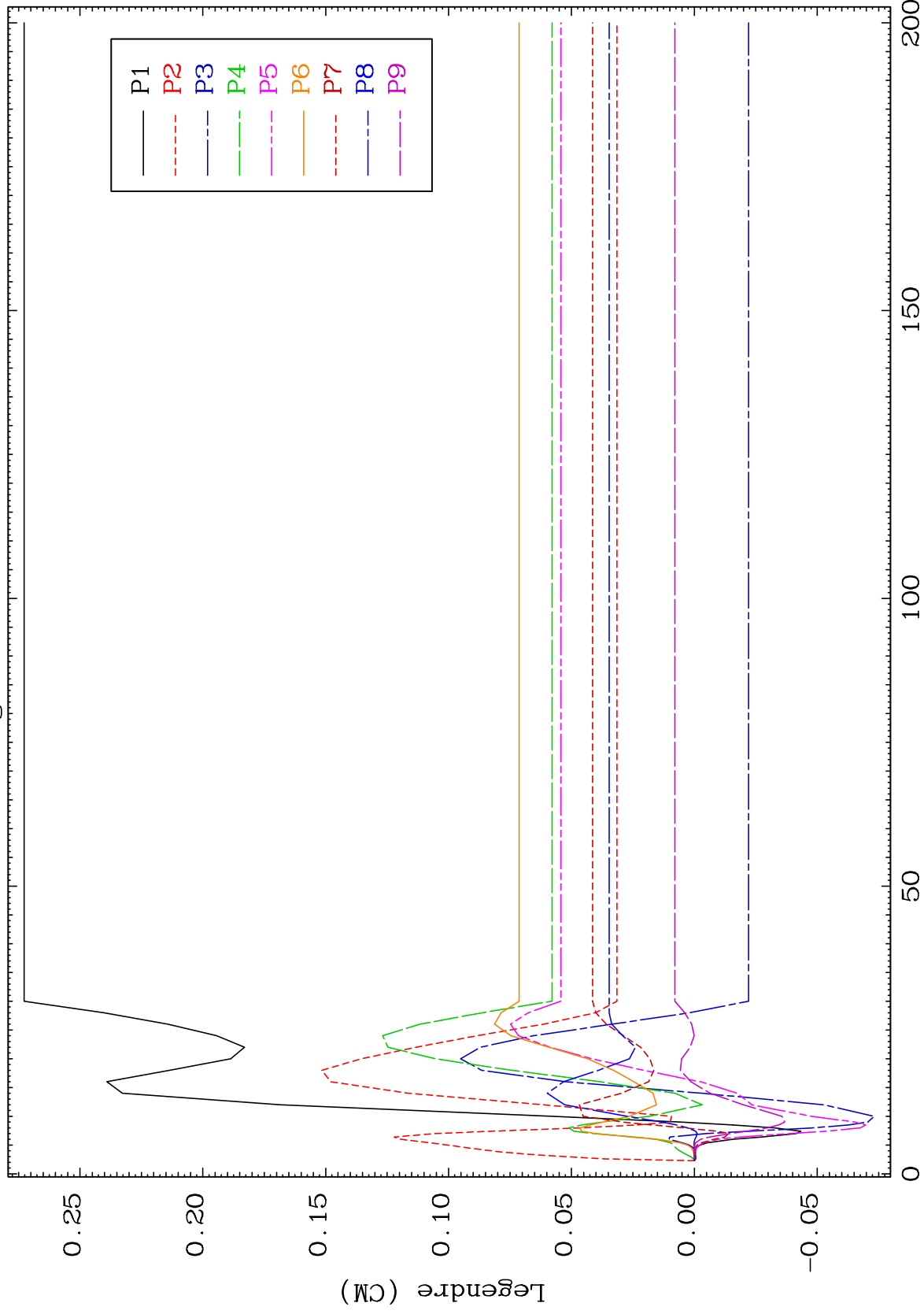
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



73

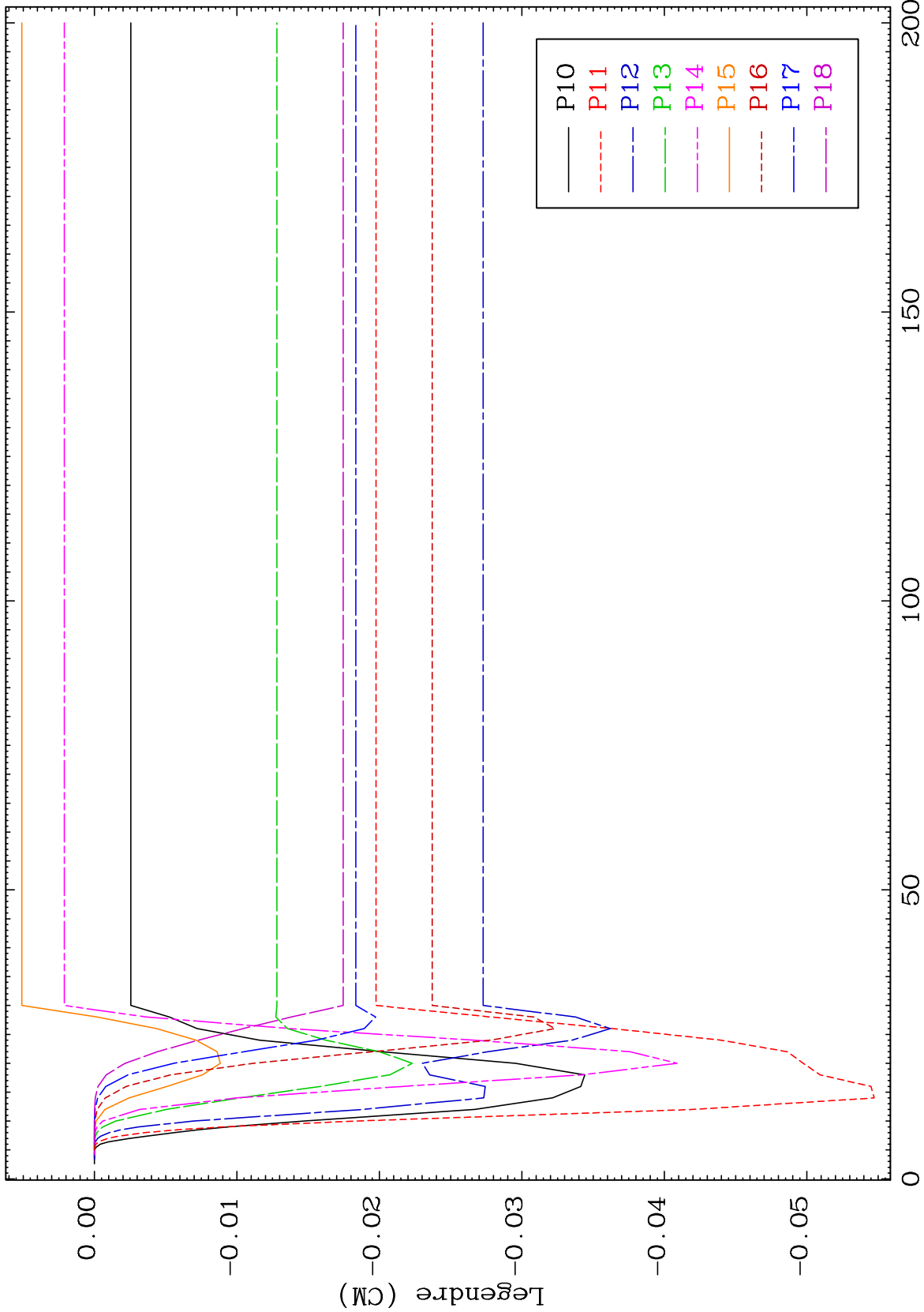
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

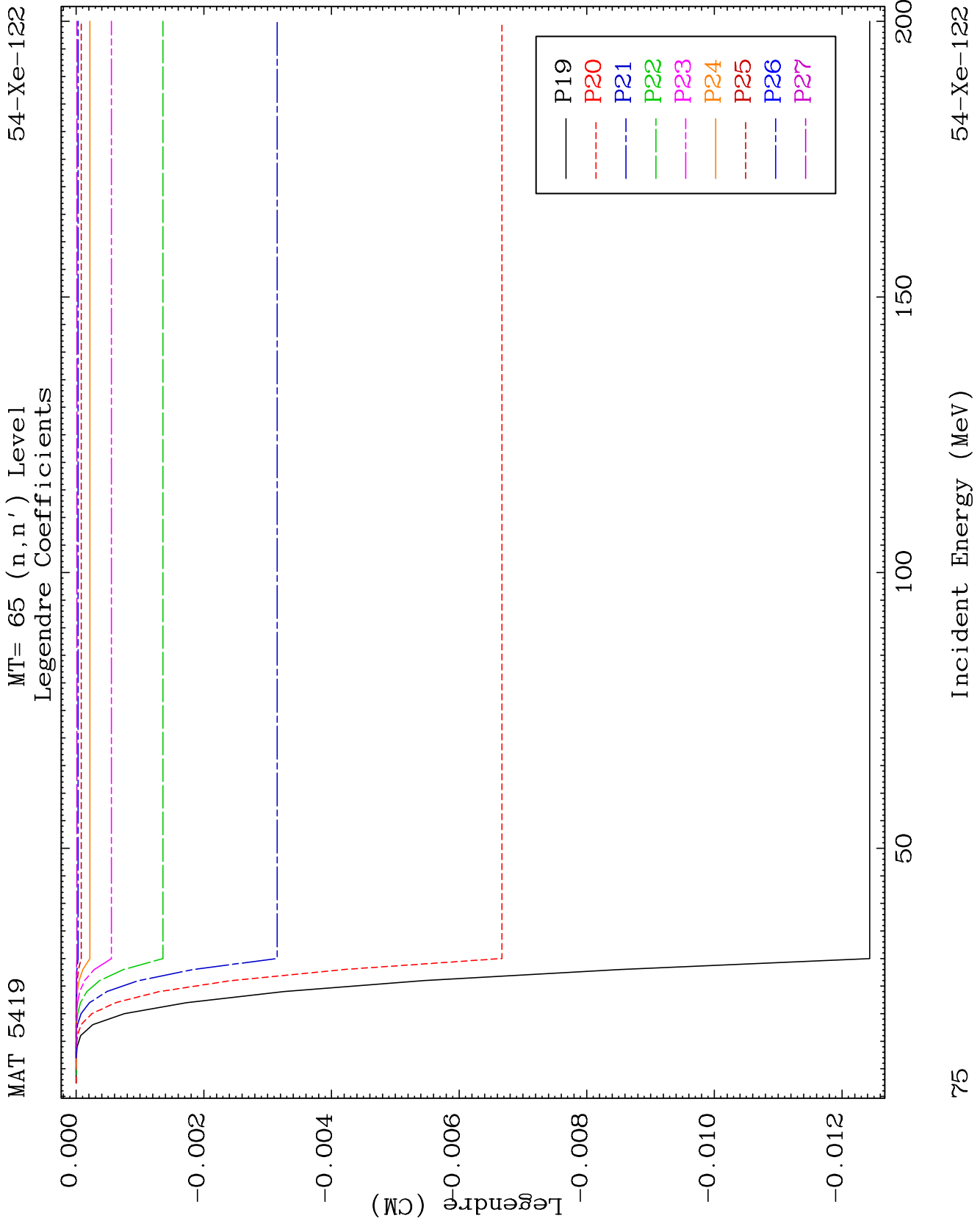
54-Xe-122

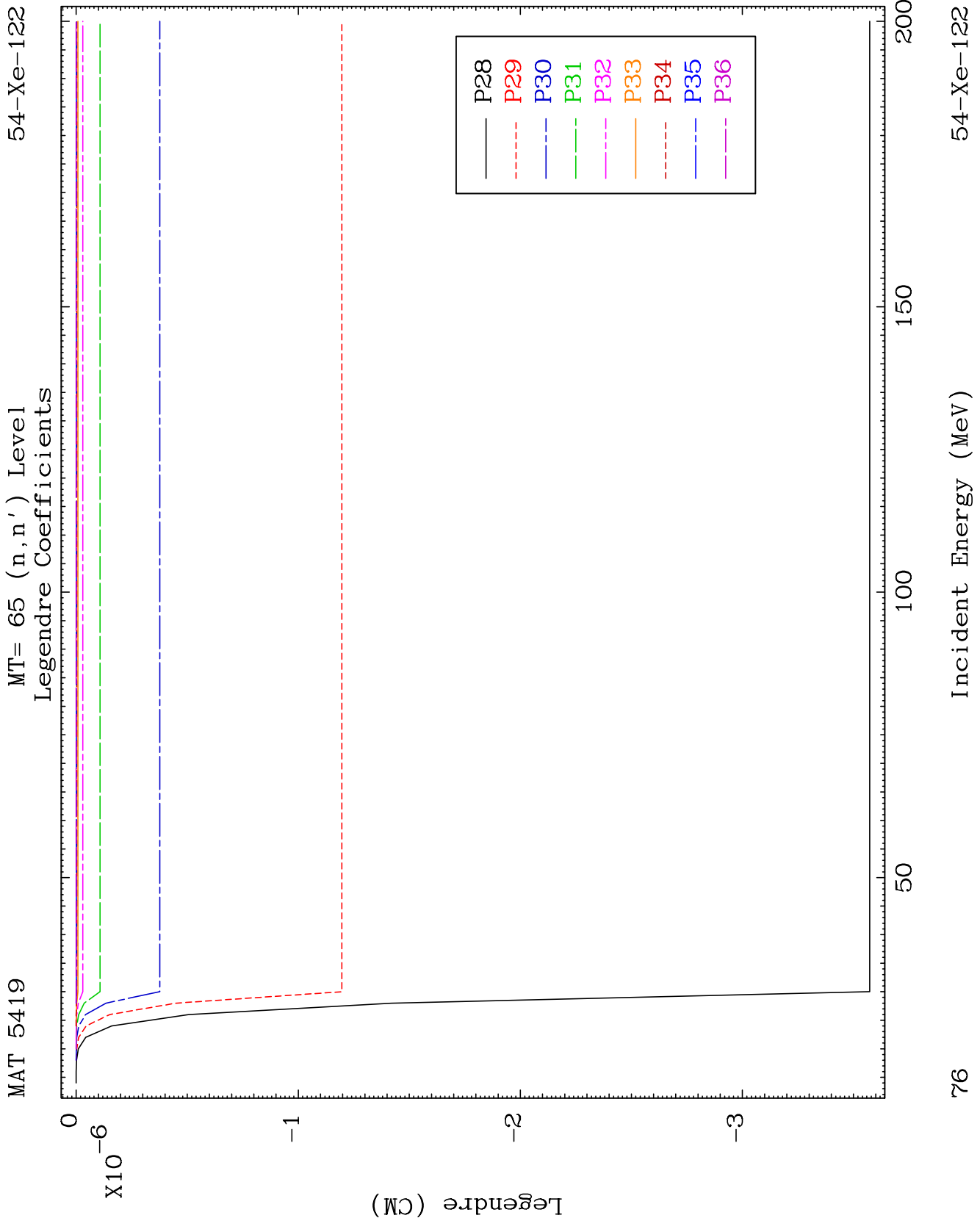


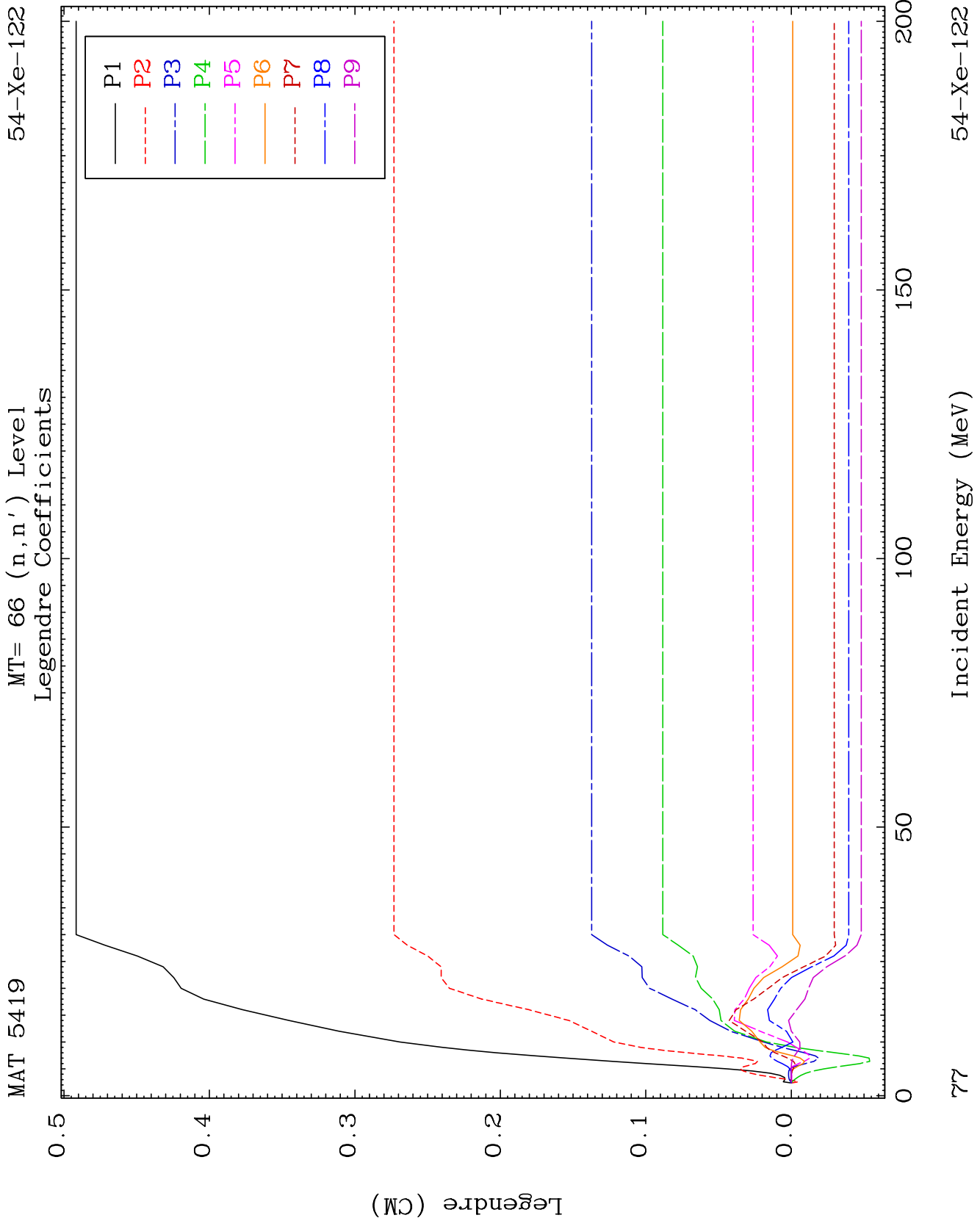
74

Incident Energy (MeV)

54-Xe-122



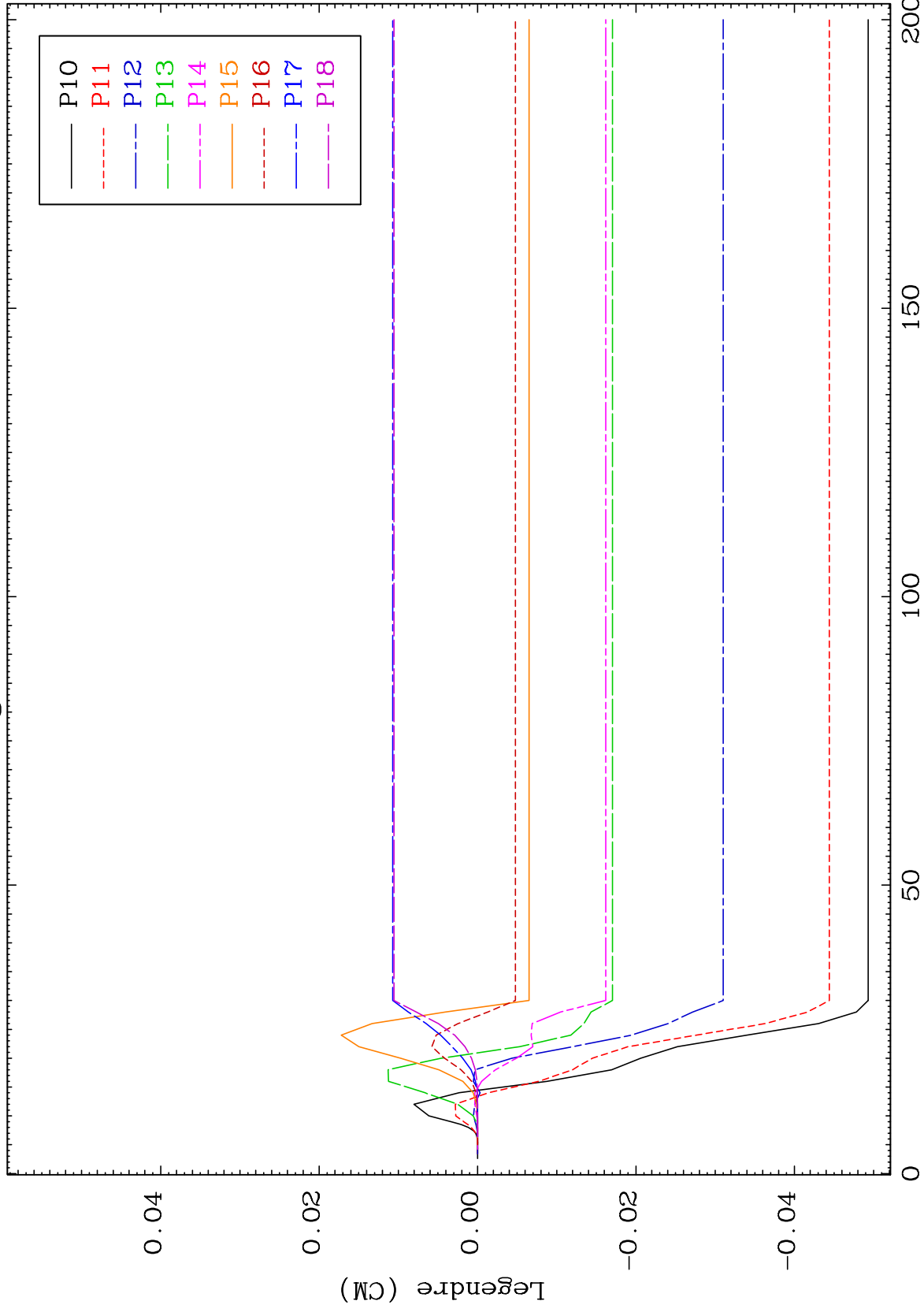




MAT 5419

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

54-Xe-122



78

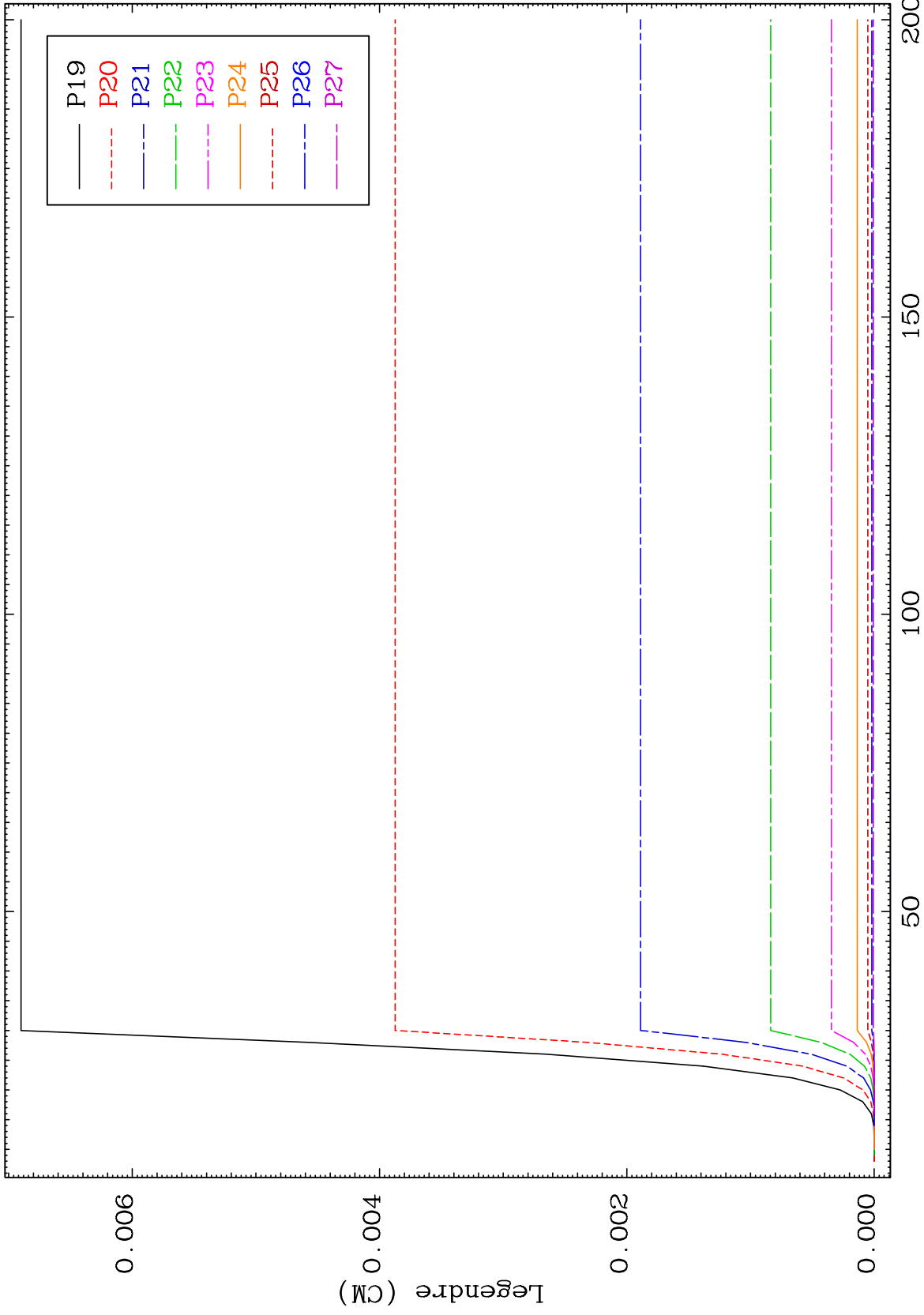
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



79

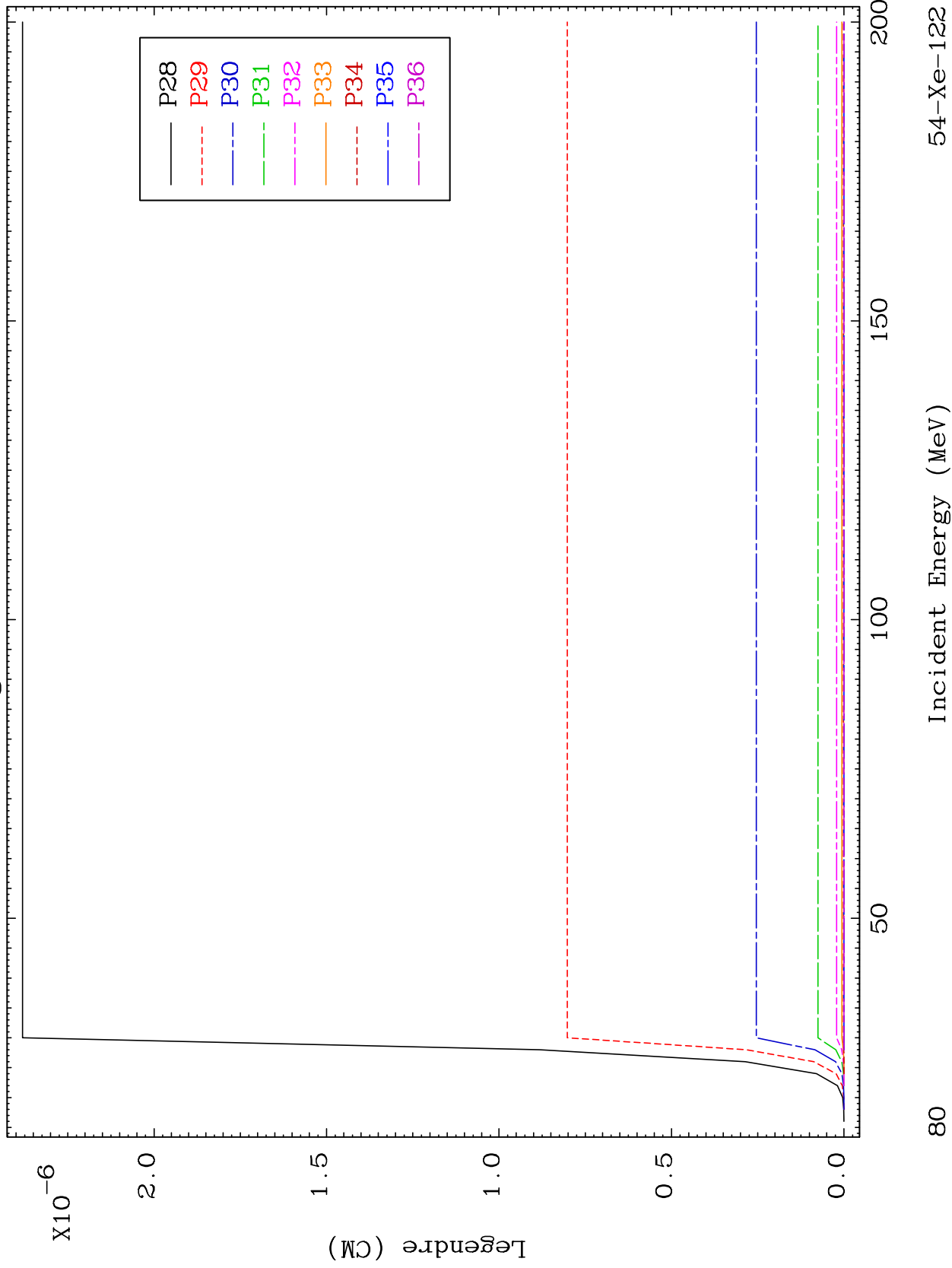
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



80

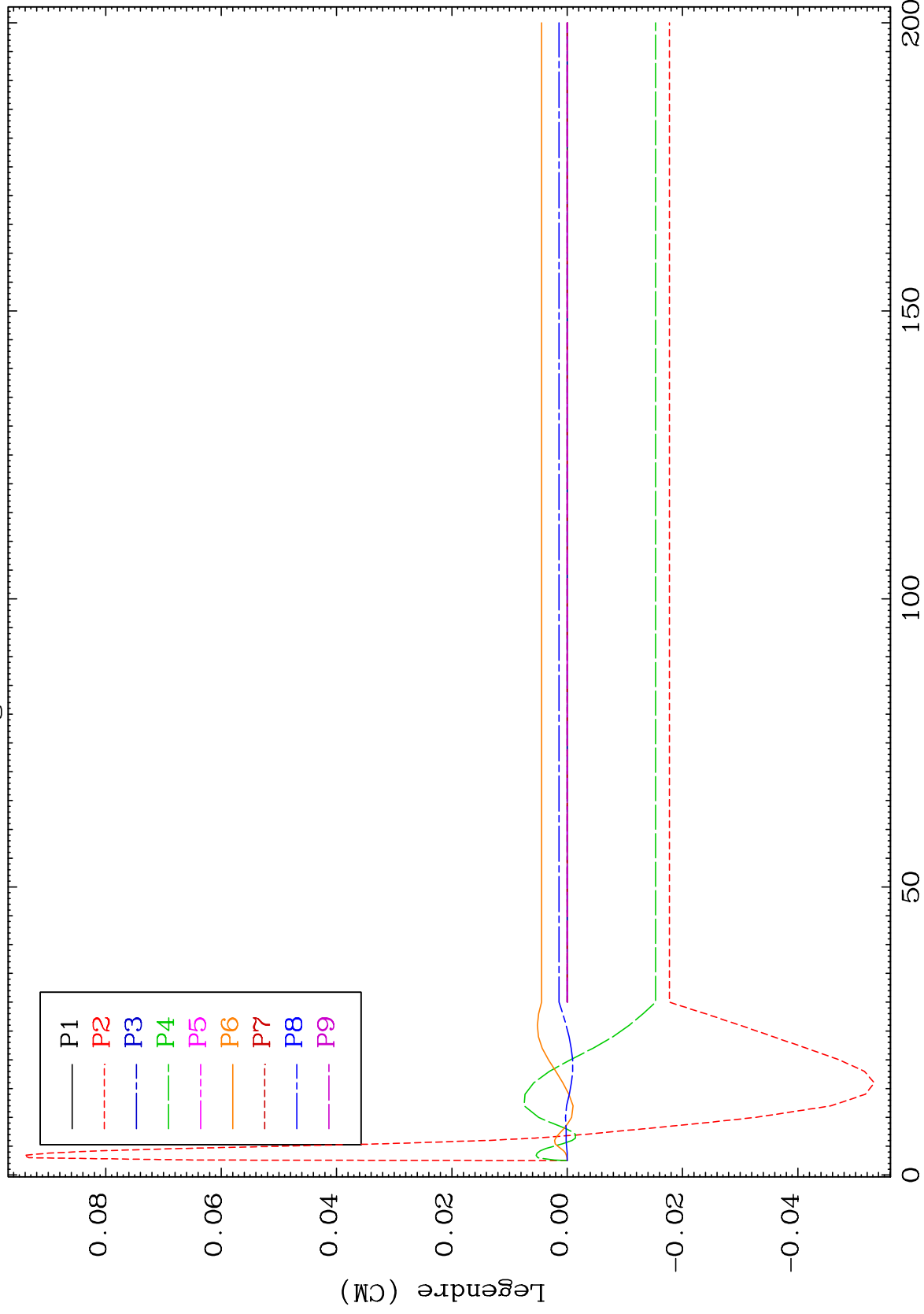
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



81

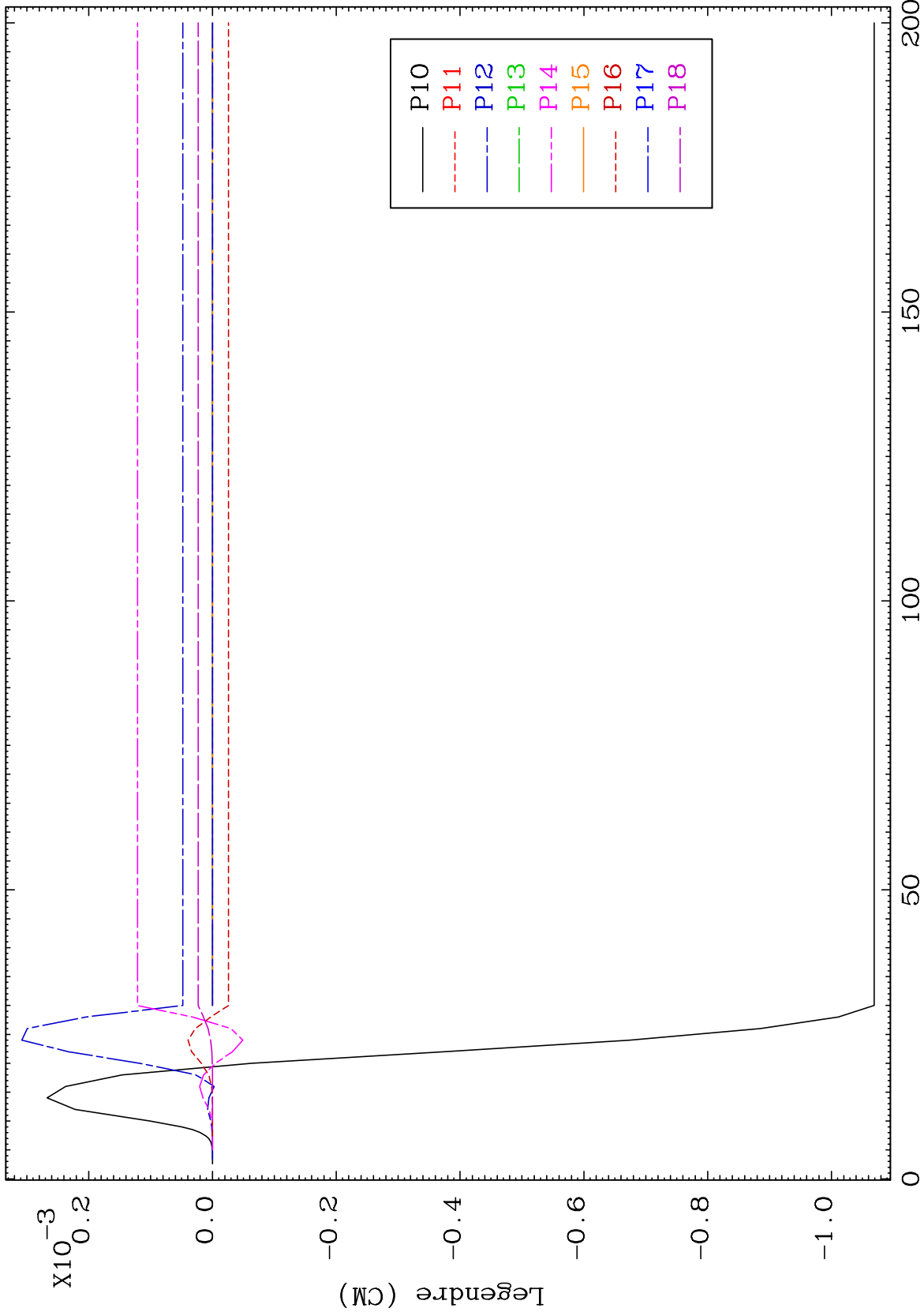
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



82

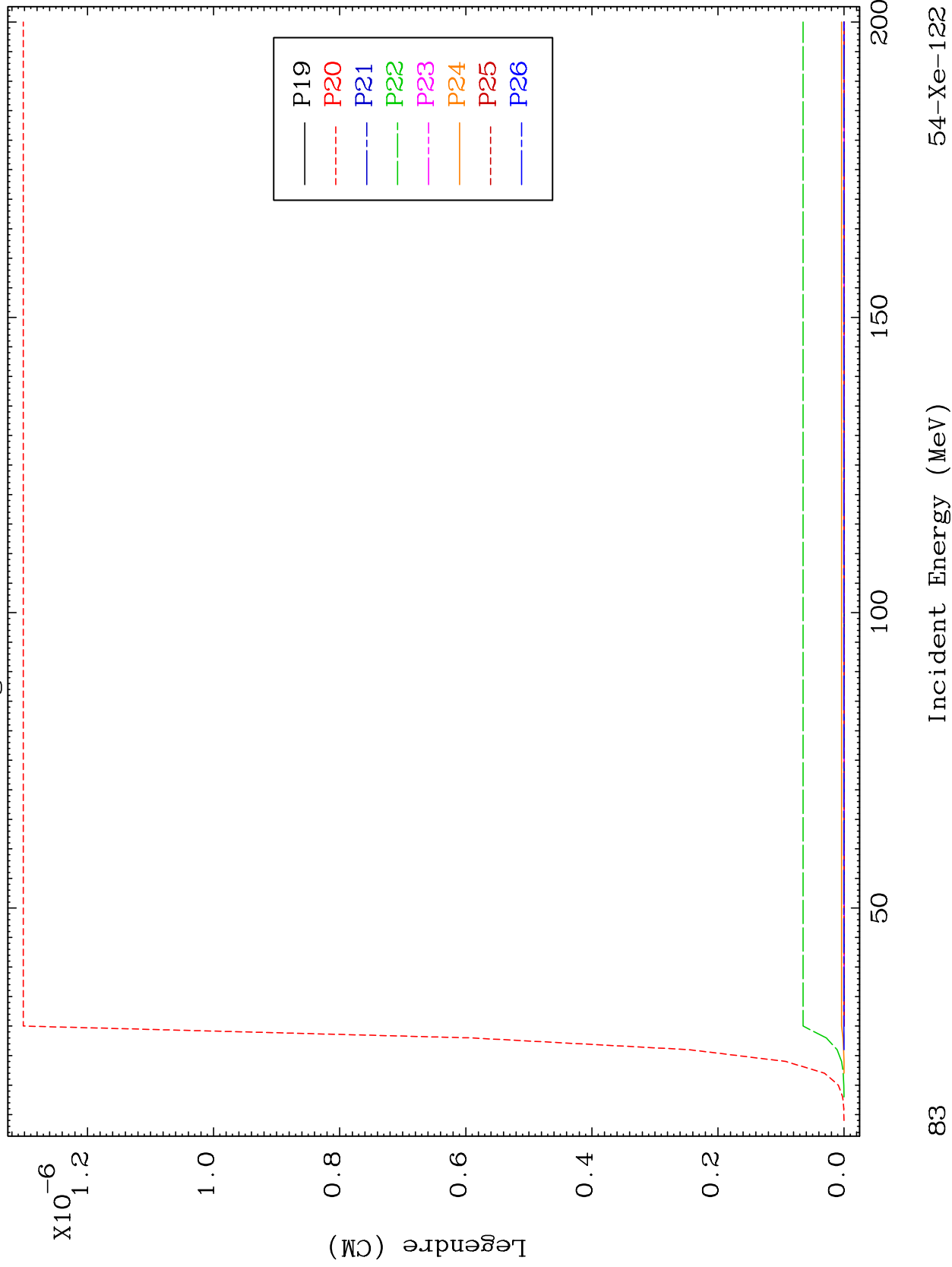
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

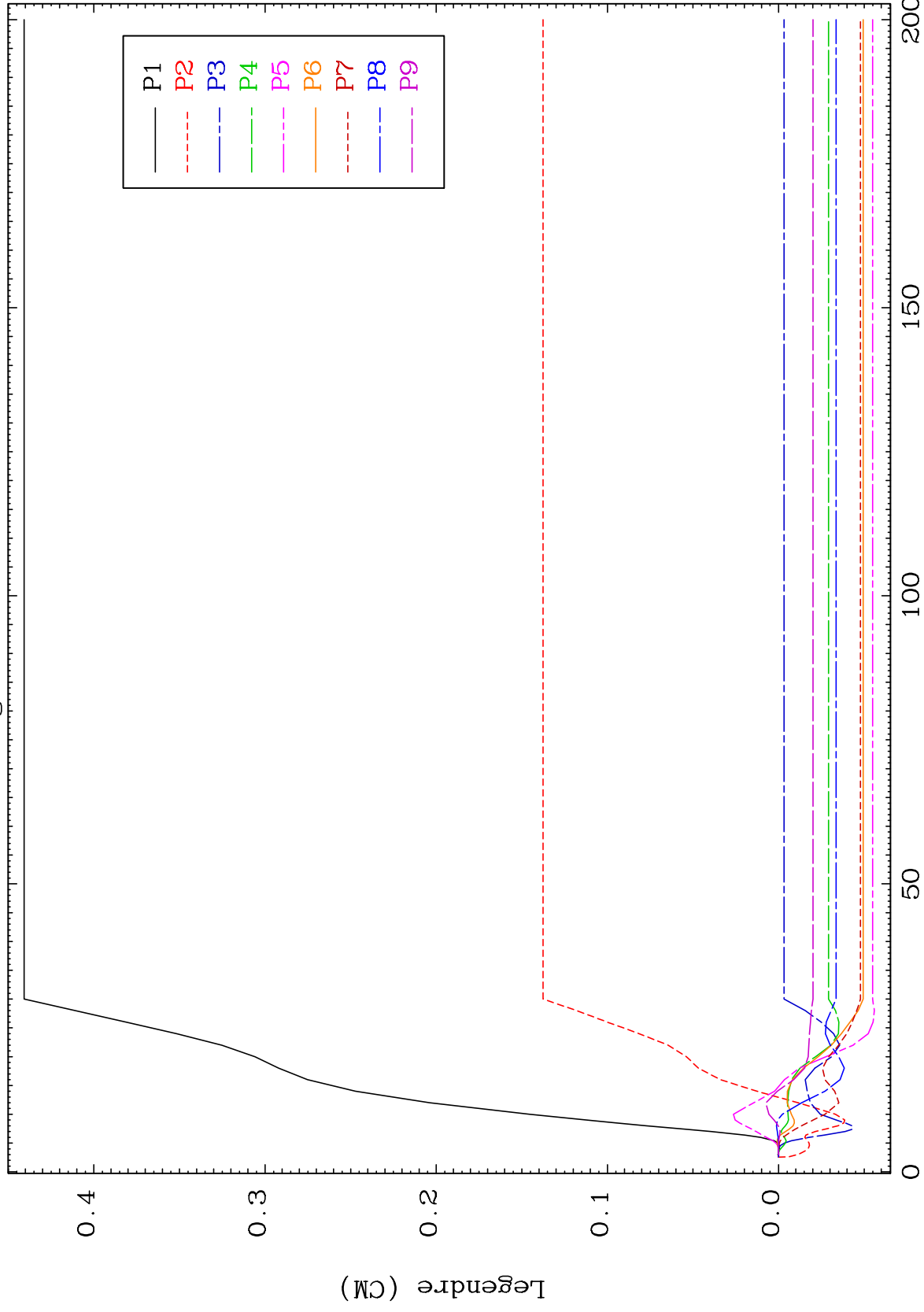


83

MAT 5419

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

54-Xe-122



84

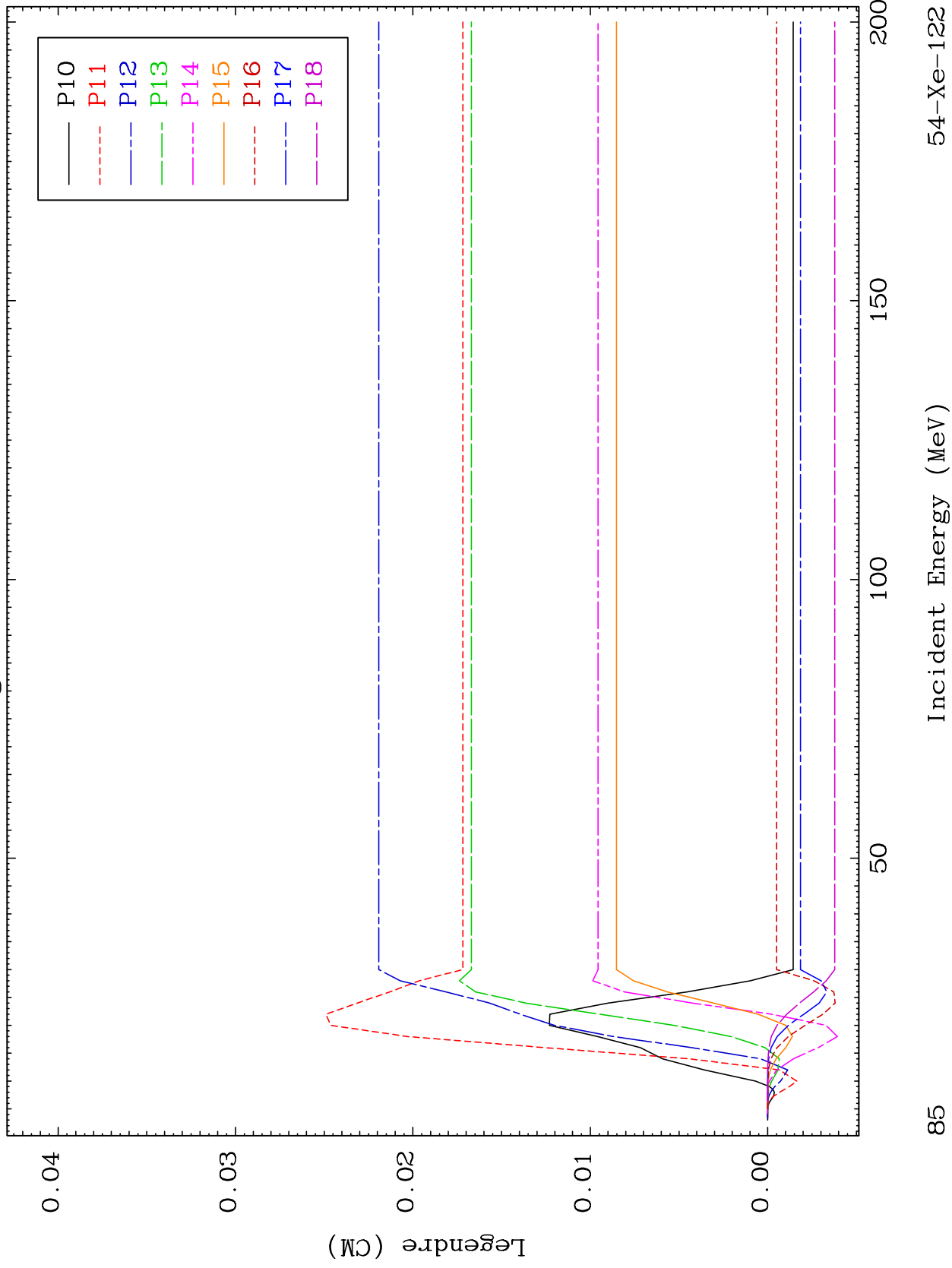
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

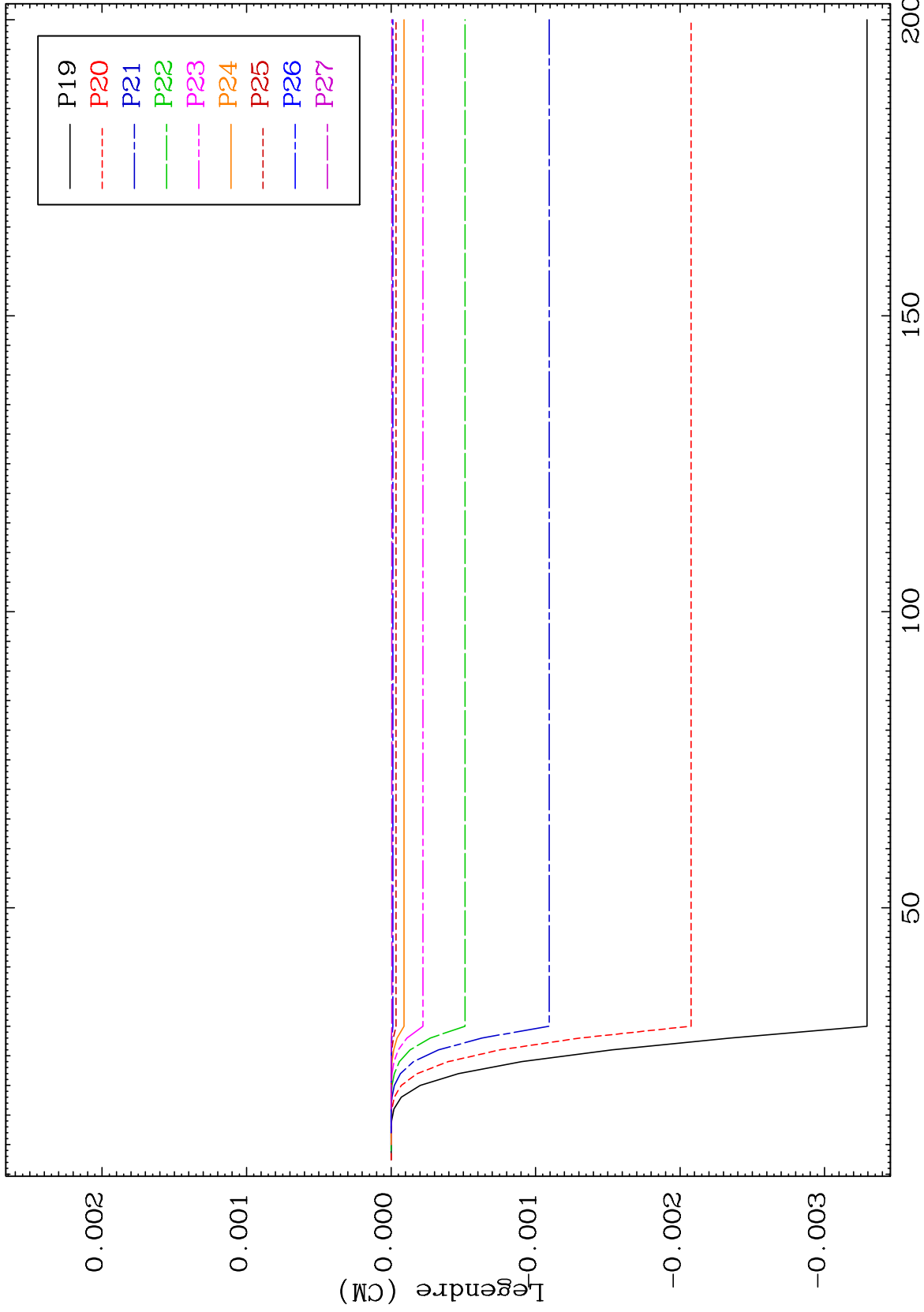
54-Xe-122



85

Incident Energy (MeV)

54-Xe-122

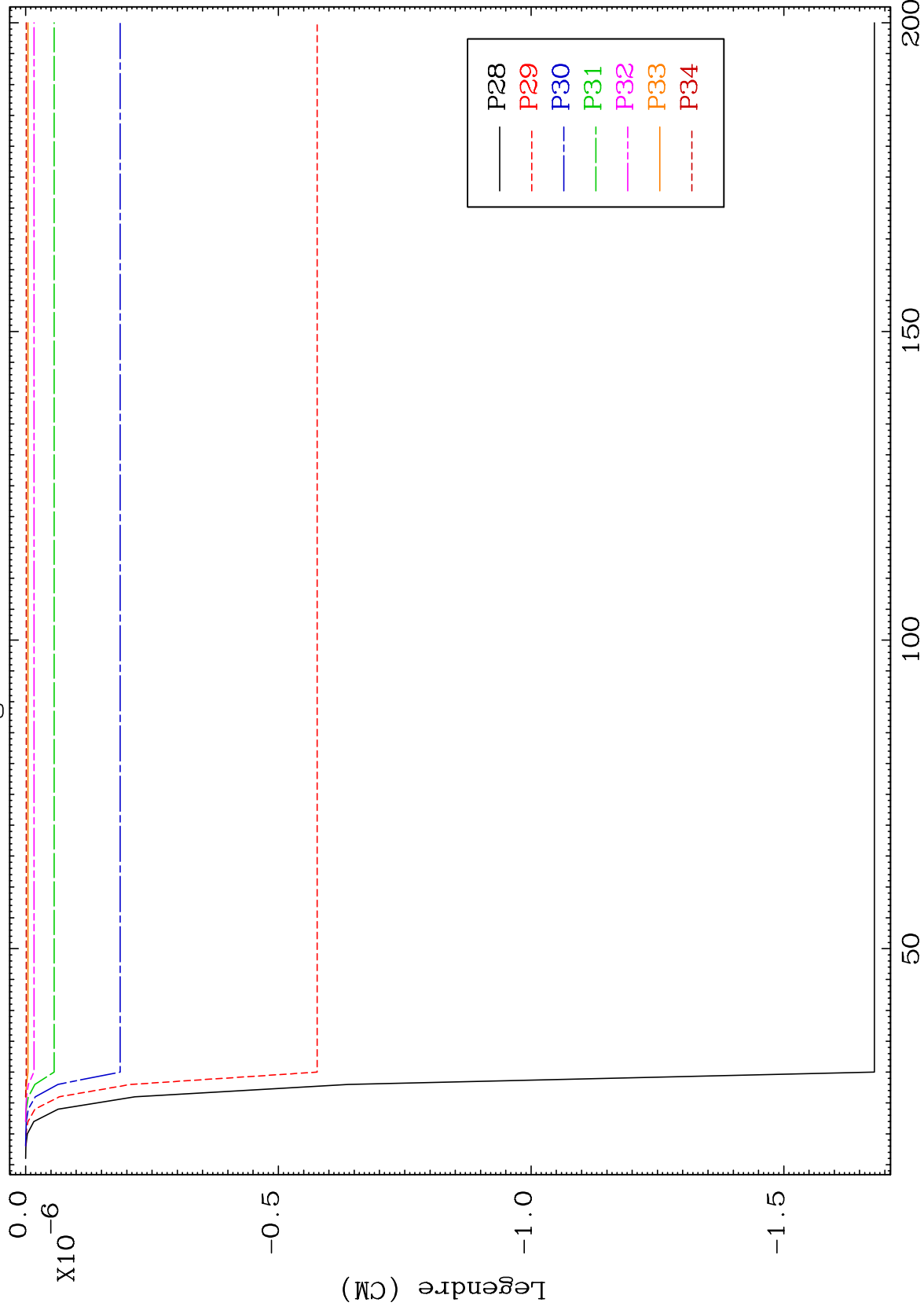


MAT 5419

MT= 68 (n,n') Level

54-Xe-122

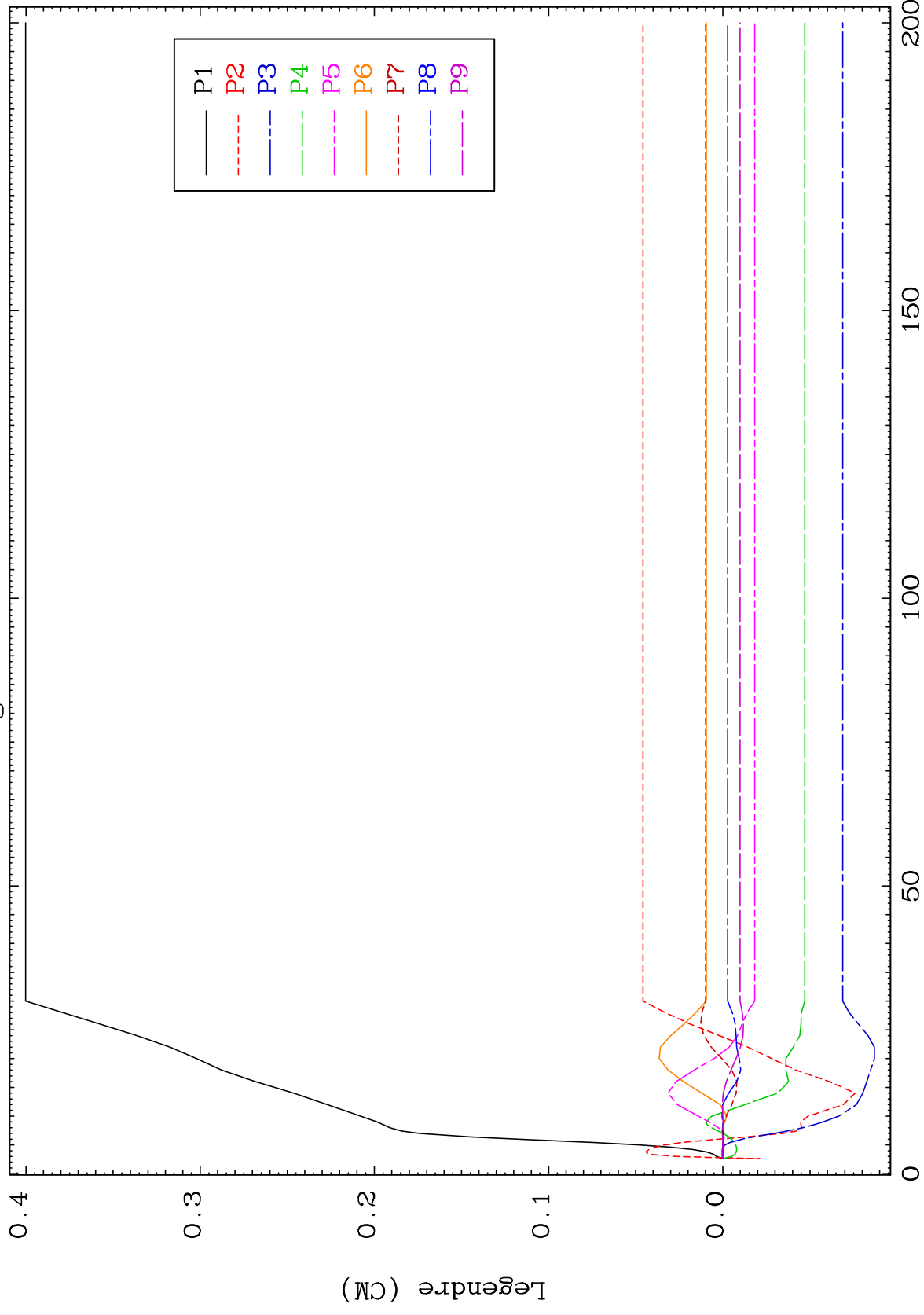
Legendre Coefficients



MAT 5419

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

54-Xe-122



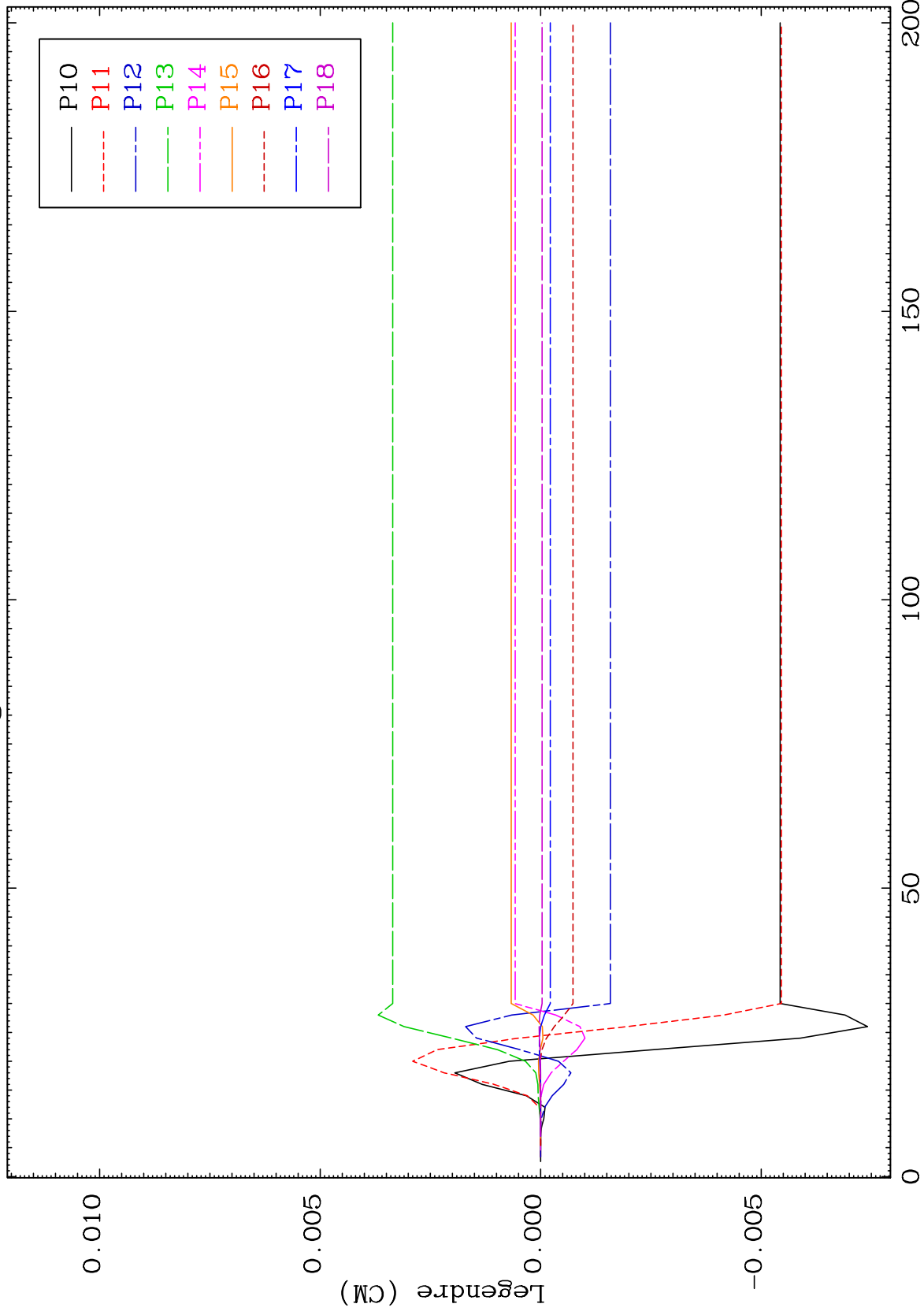
88

54-Xe-122

MAT 5419

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

54-Xe-122



89

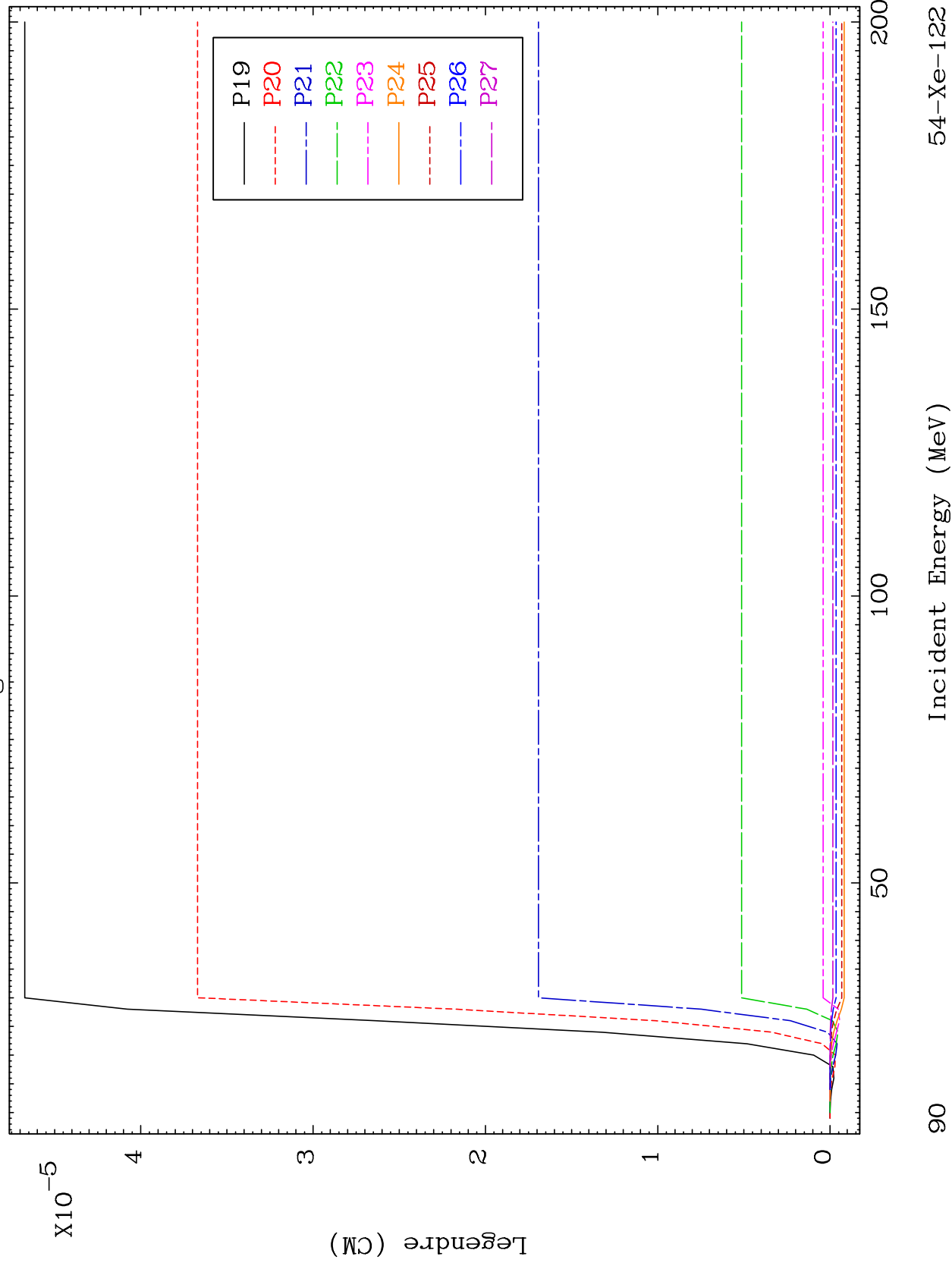
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

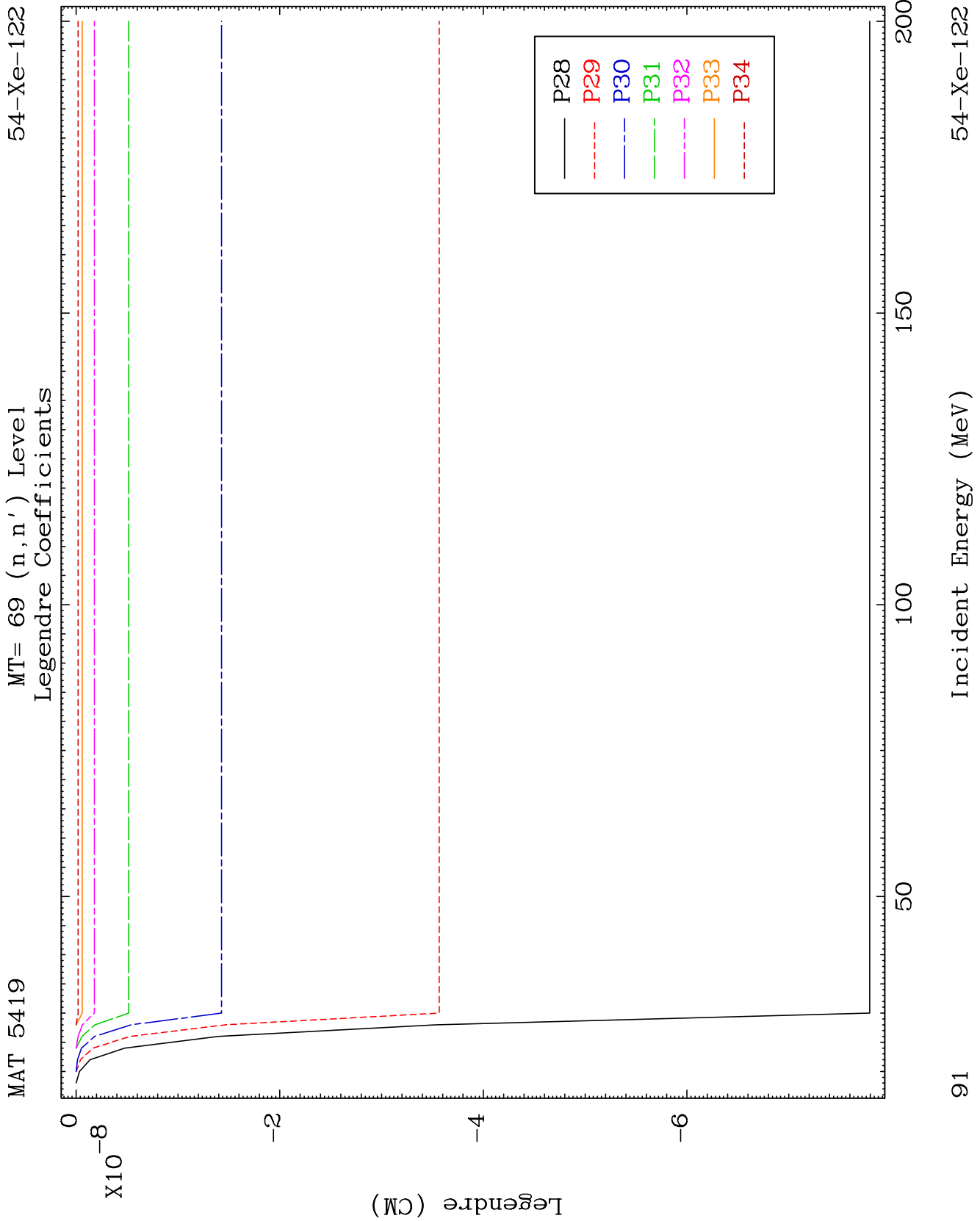
54-Xe-122



90

Incident Energy (MeV)

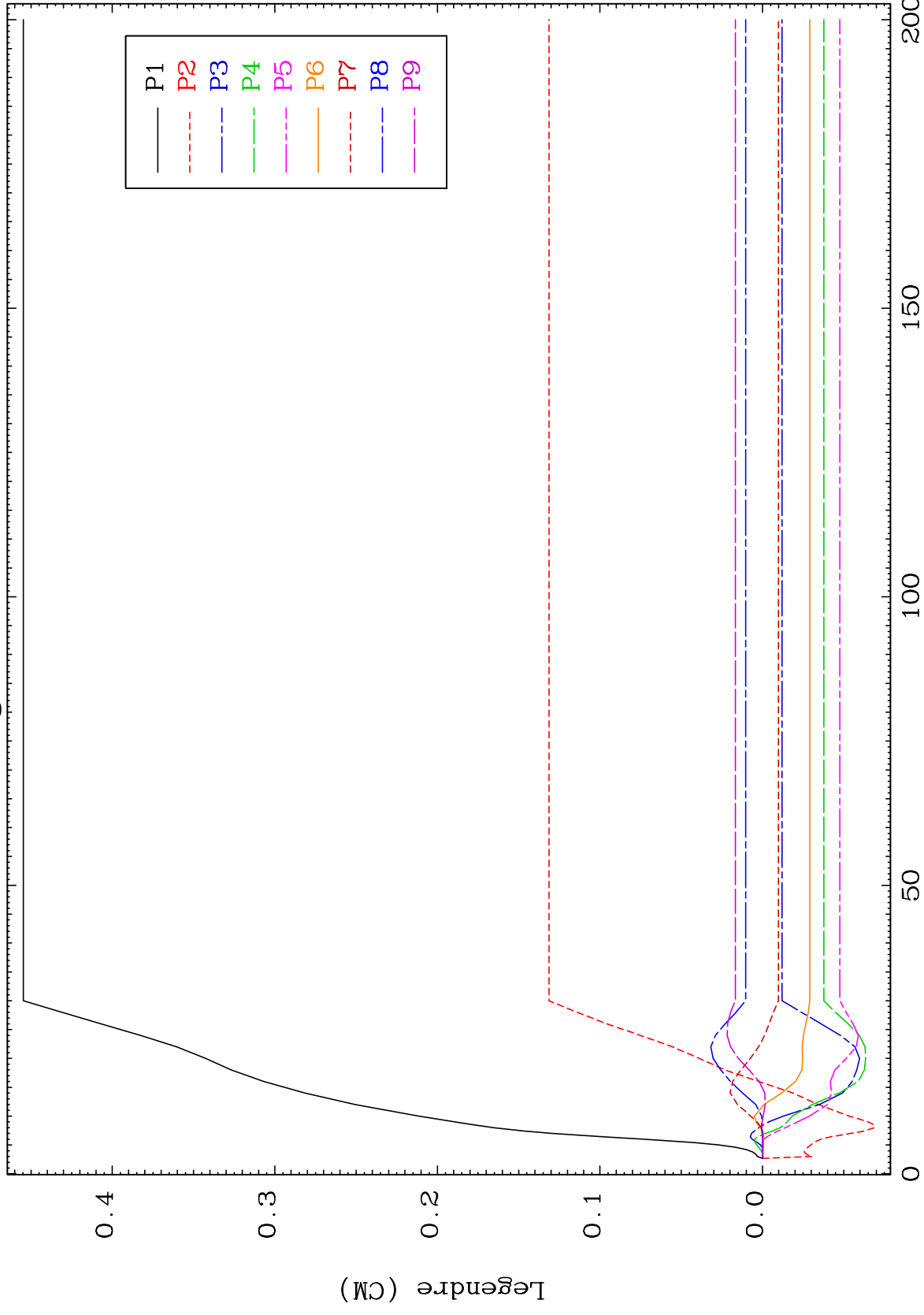
54-Xe-122



MAT 5419

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

54-Xe-122



92

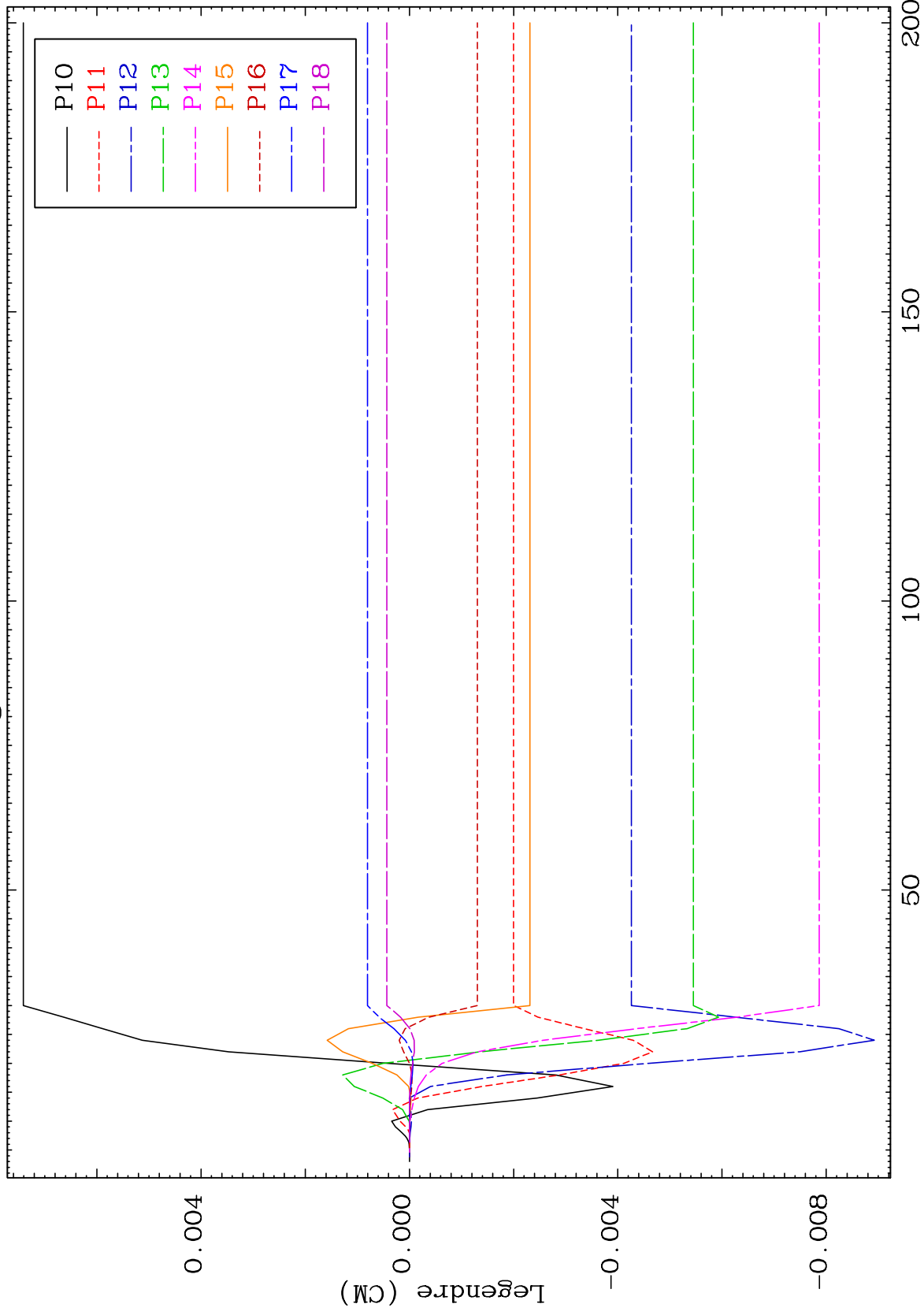
Incident Energy (MeV)

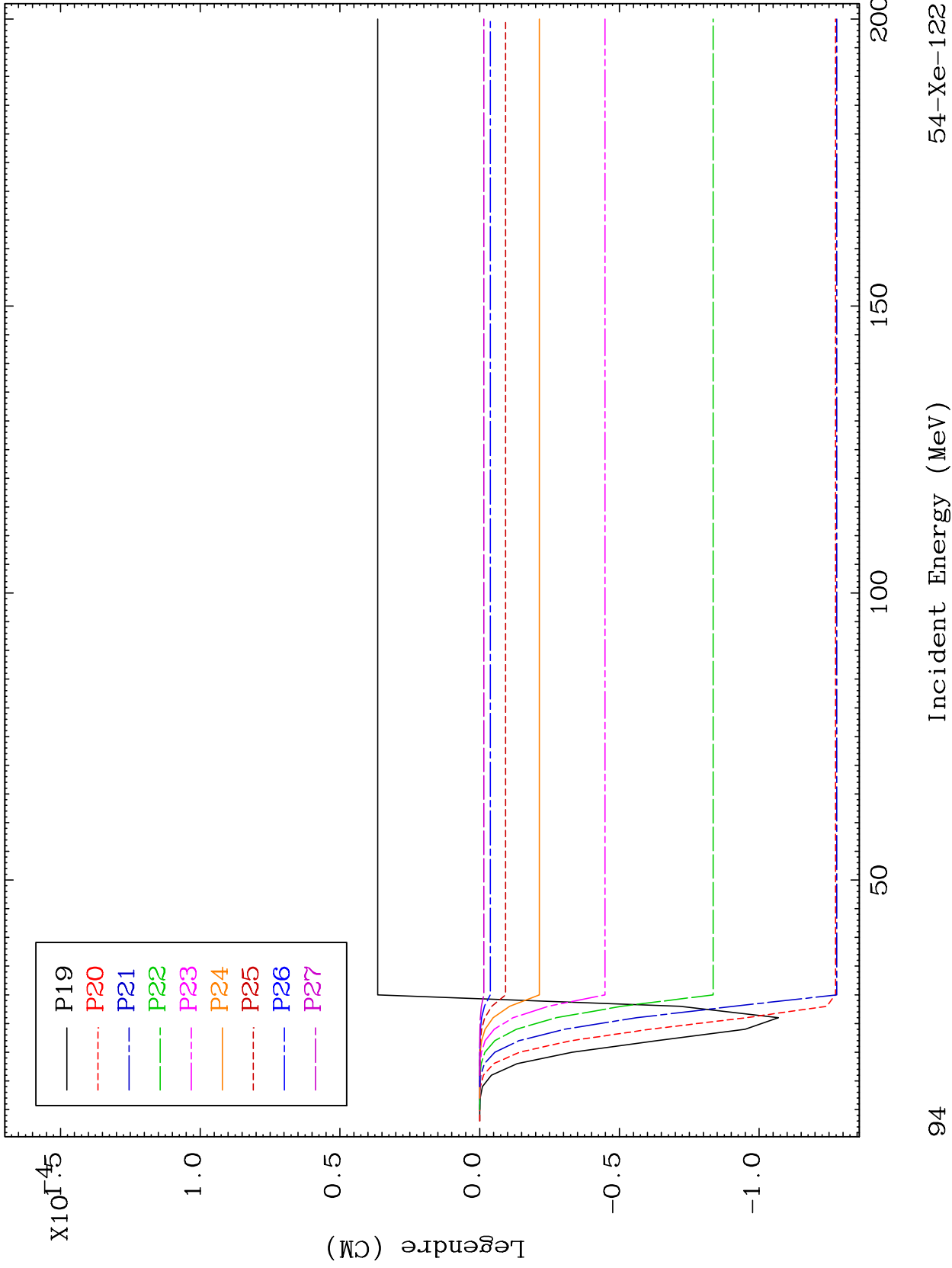
54-Xe-122

MAT 5419

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

54-Xe-122



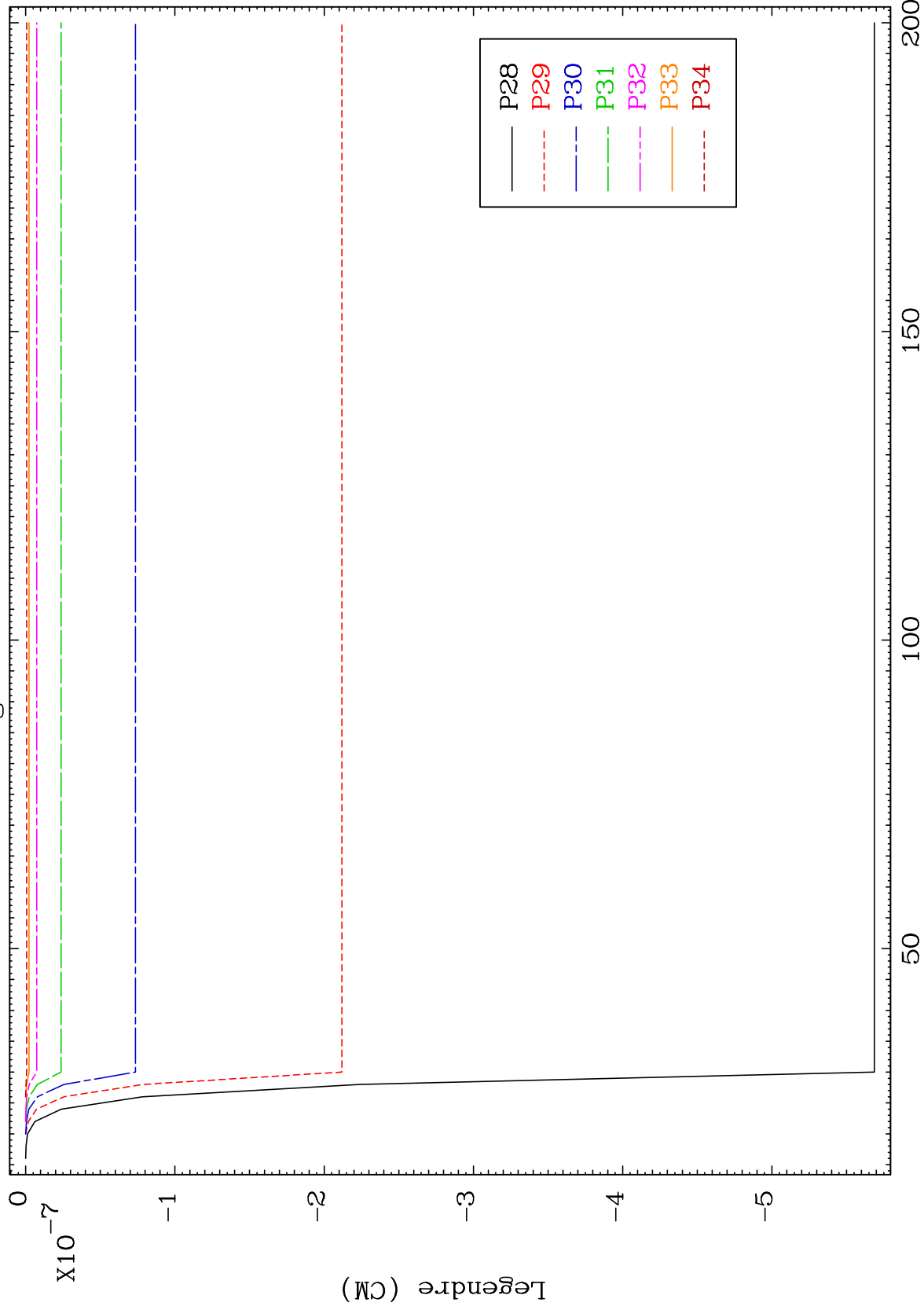


MAT 5419

MT= 70 (n,n') Level

54-Xe-122

Legendre Coefficients



95

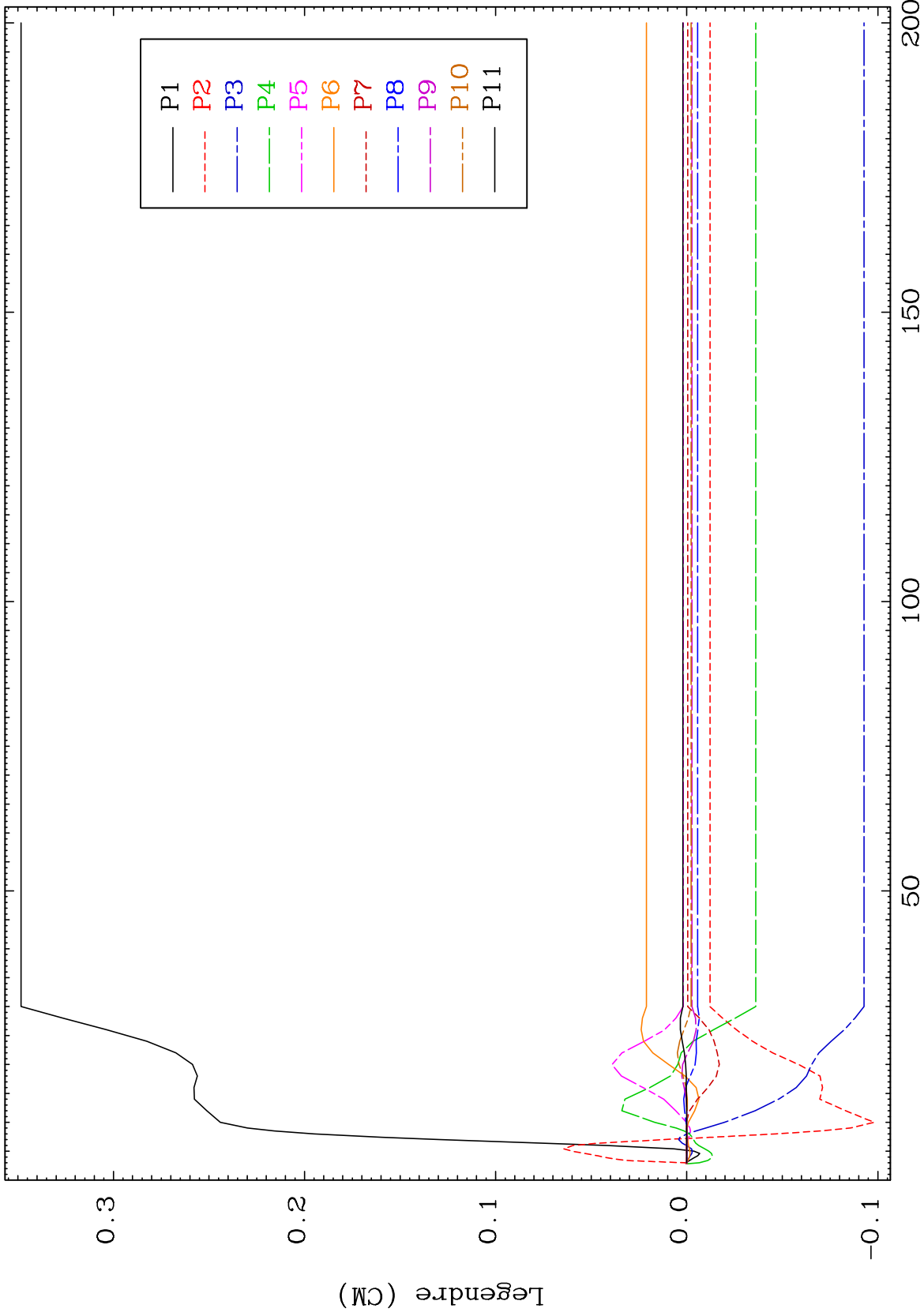
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



96

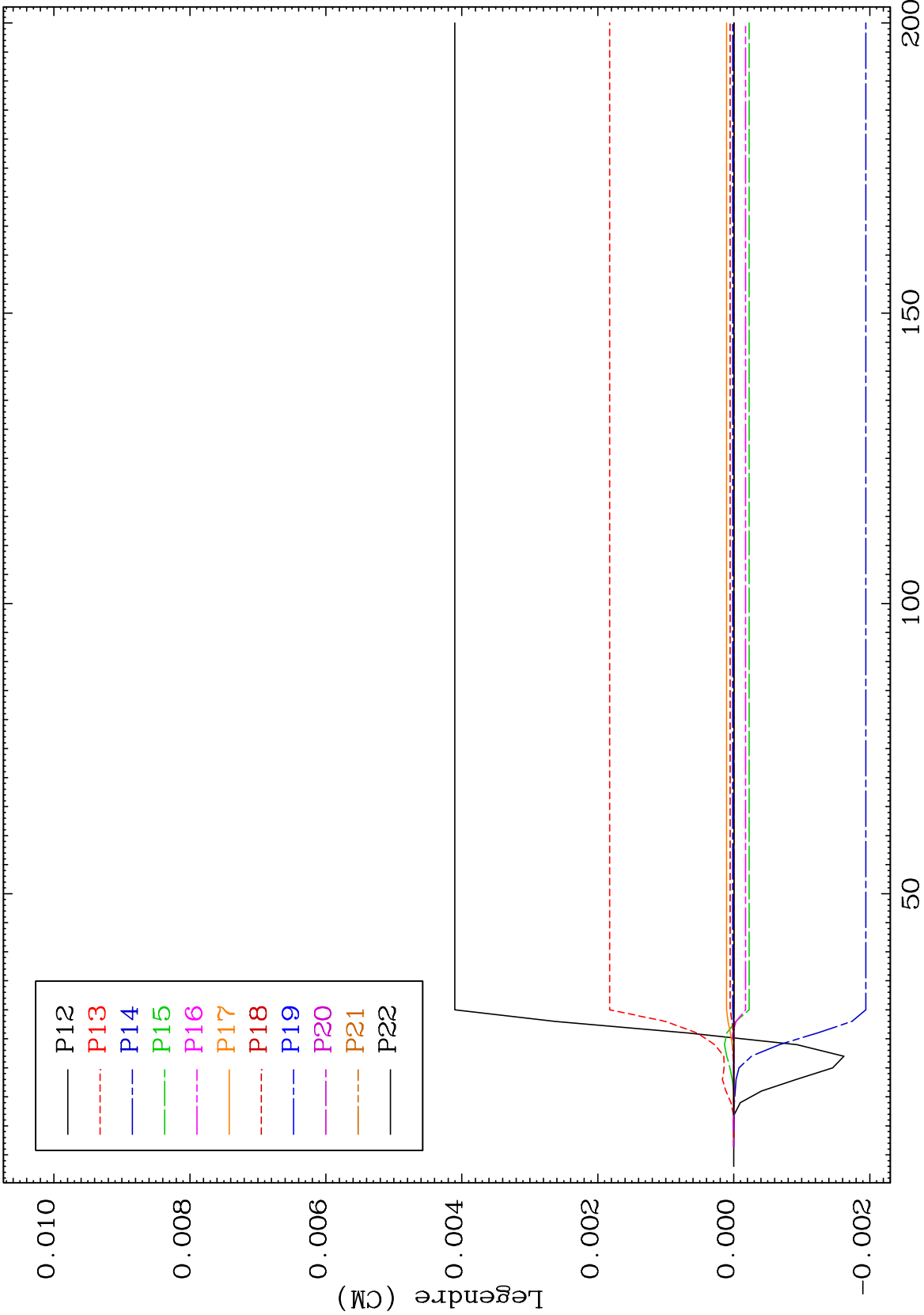
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

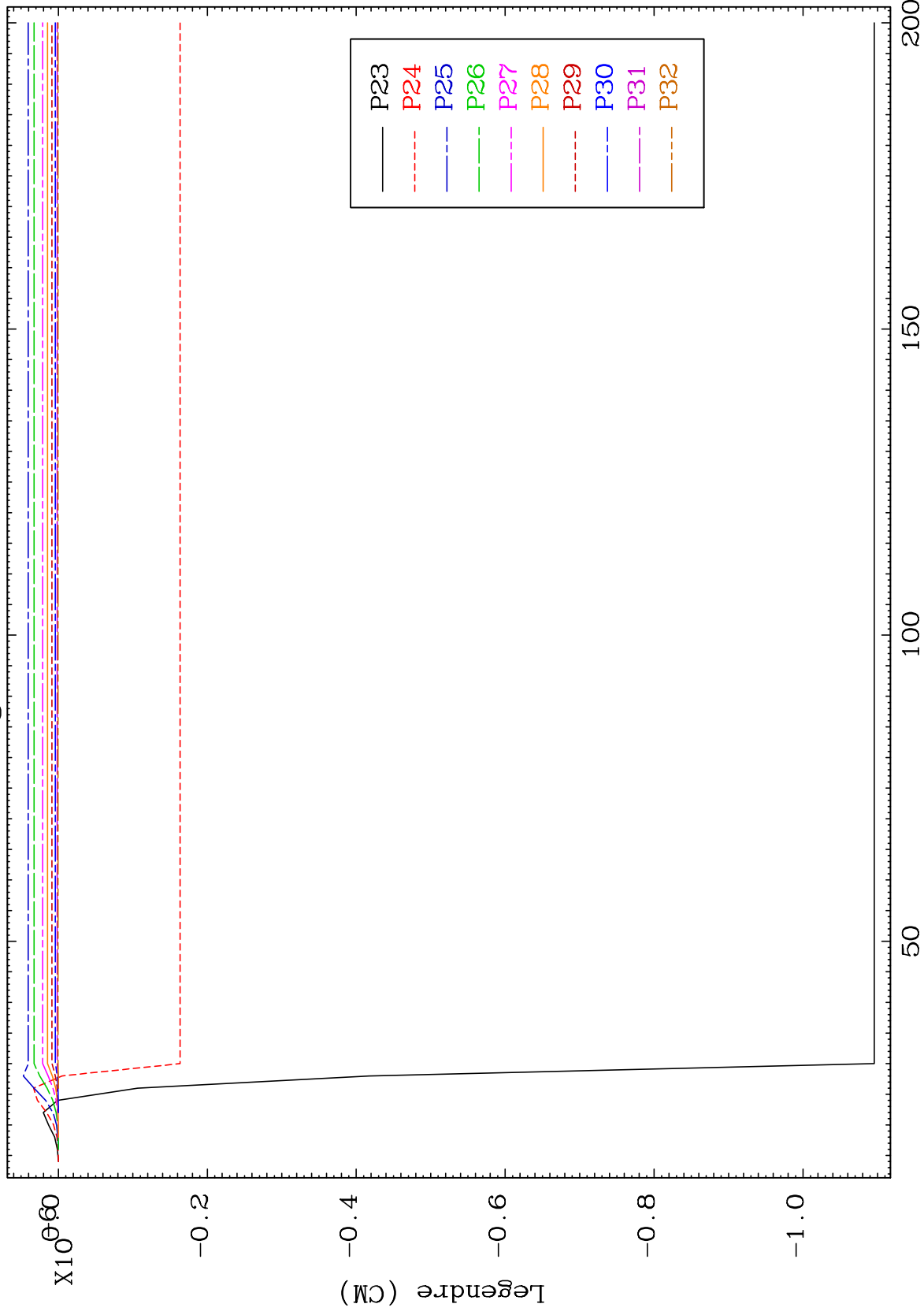
54-Xe-122



MAT 5419

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

54-Xe-122



98

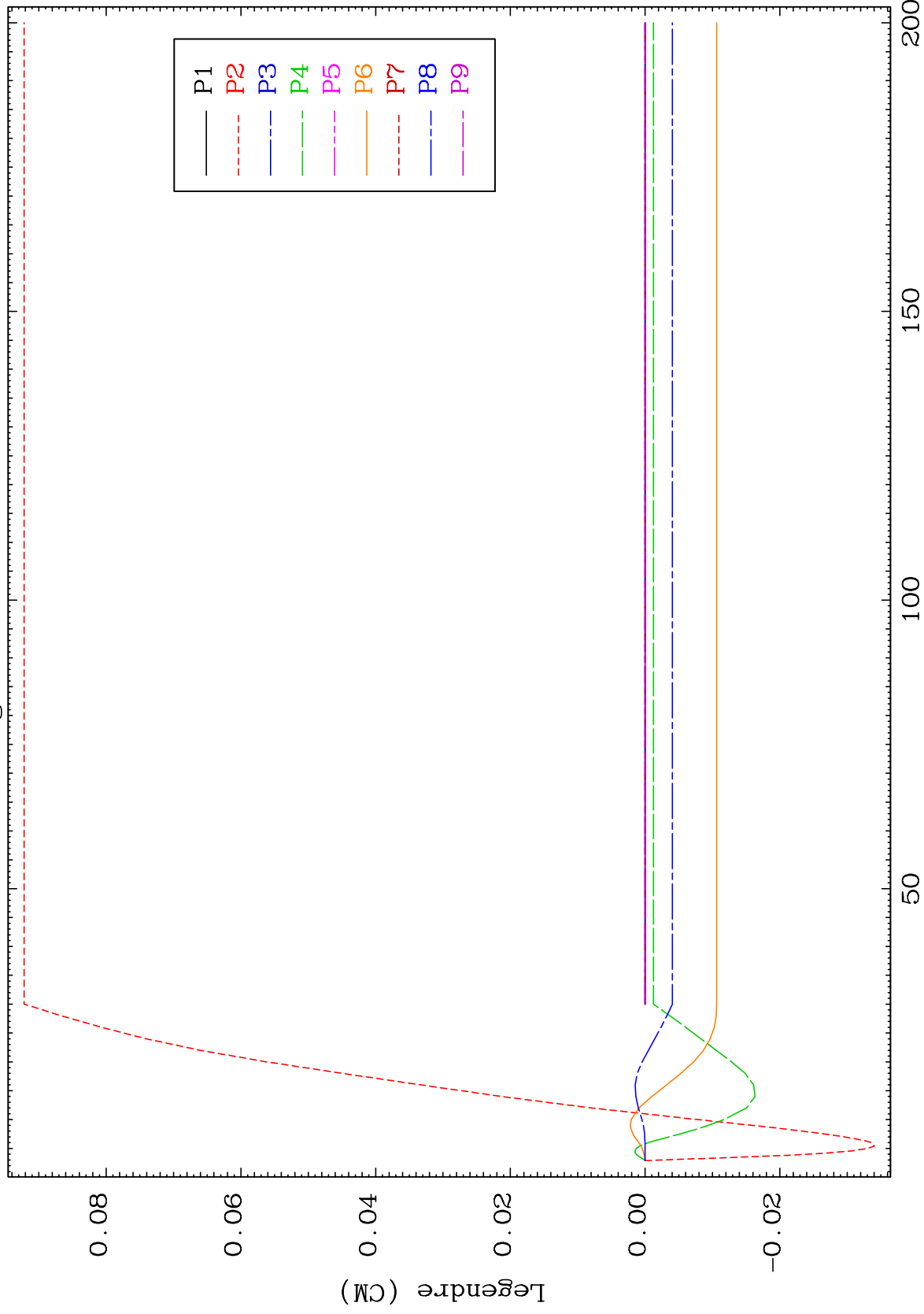
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



99

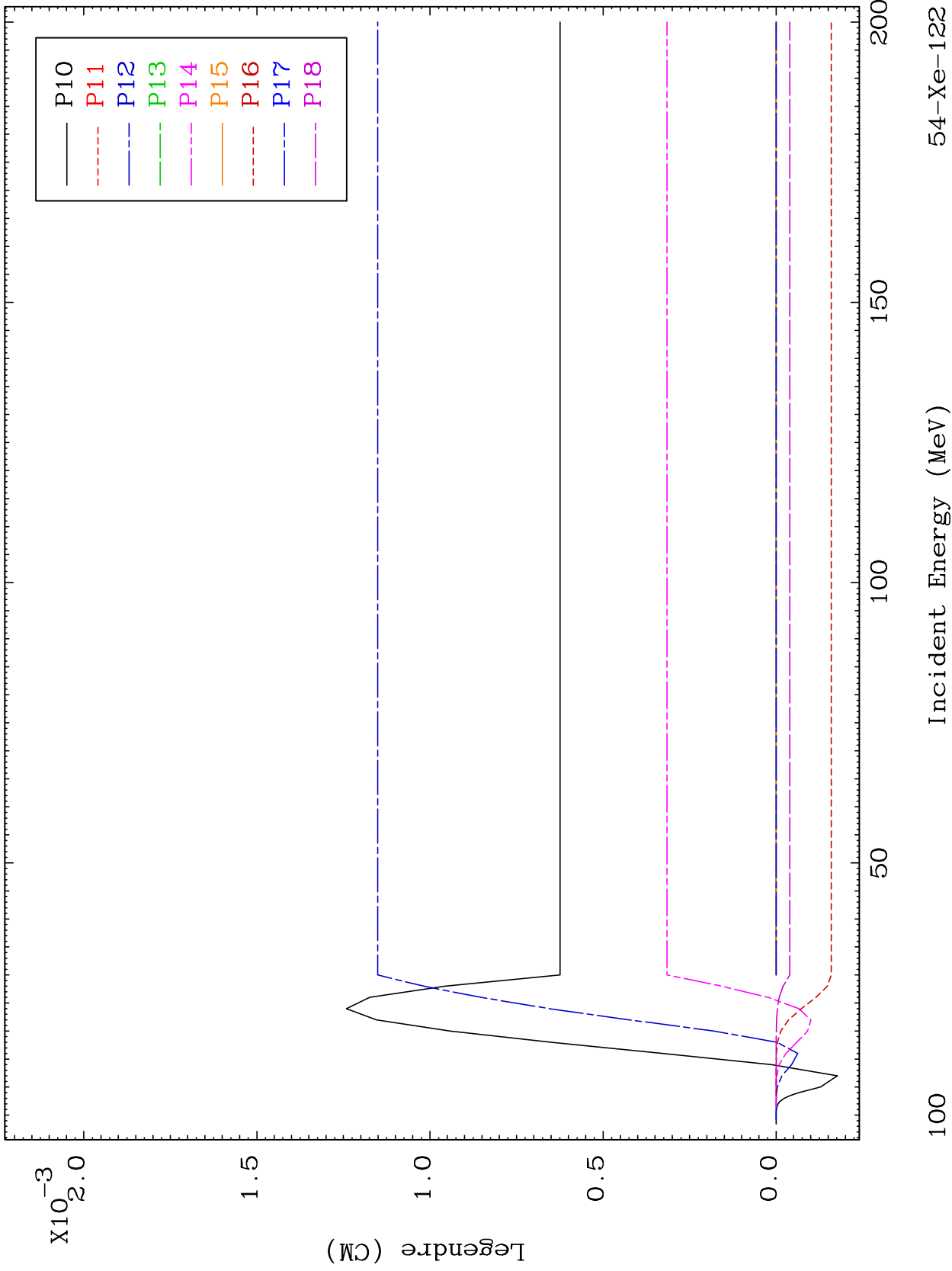
Incident Energy (MeV)

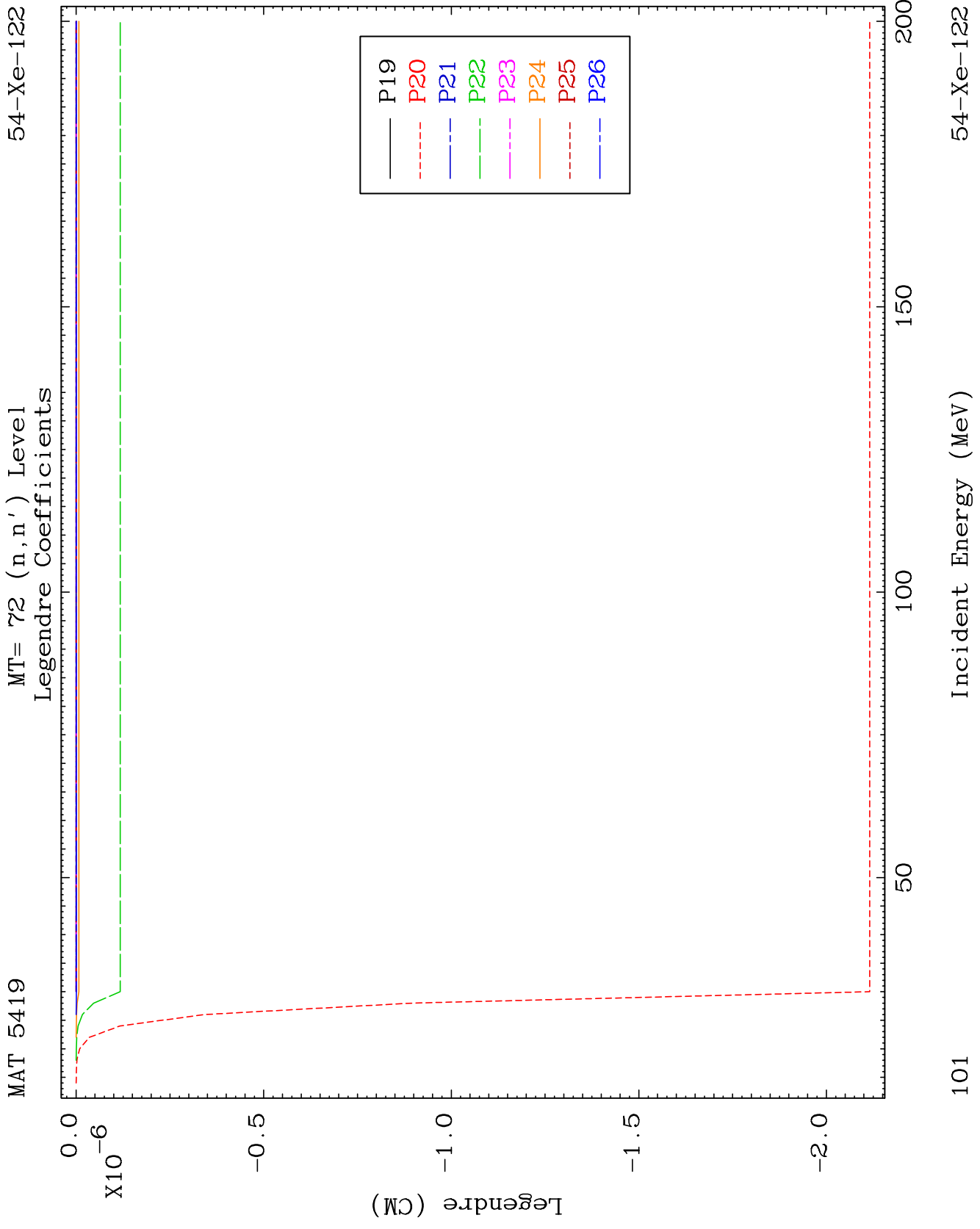
54-Xe-122

MAT 5419

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

54-Xe-122

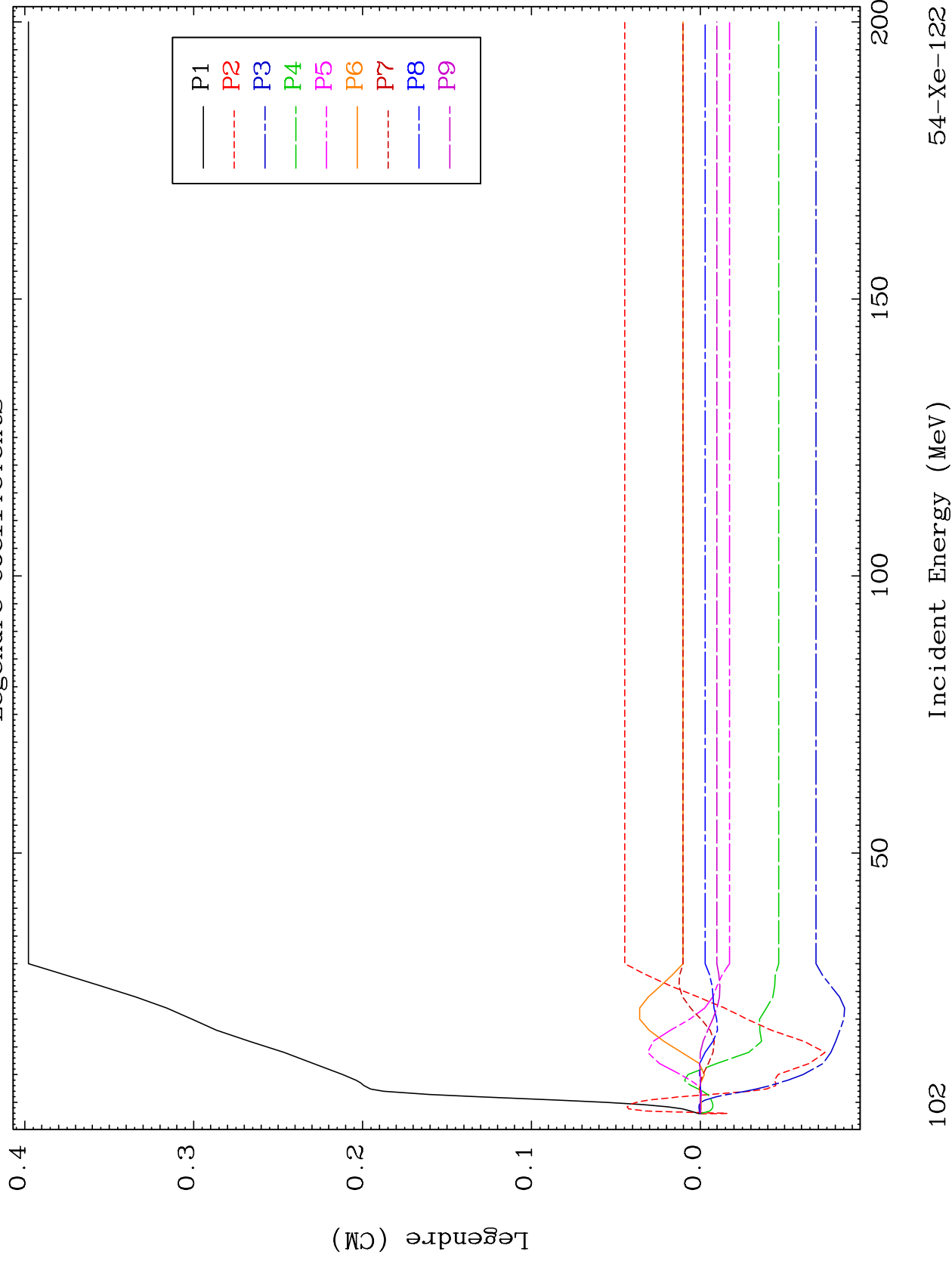




MAT 5419

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

54-Xe-122



102

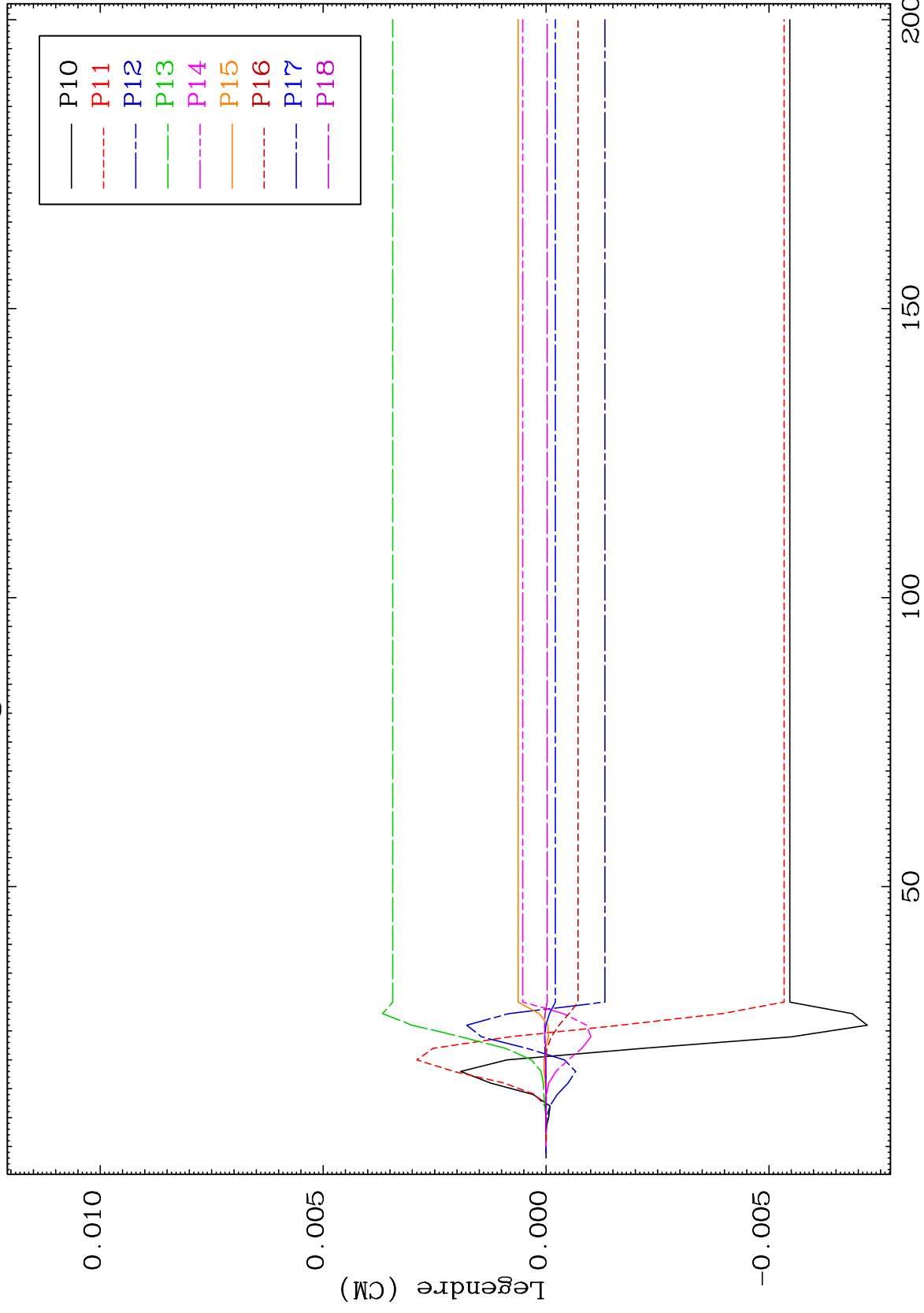
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



103

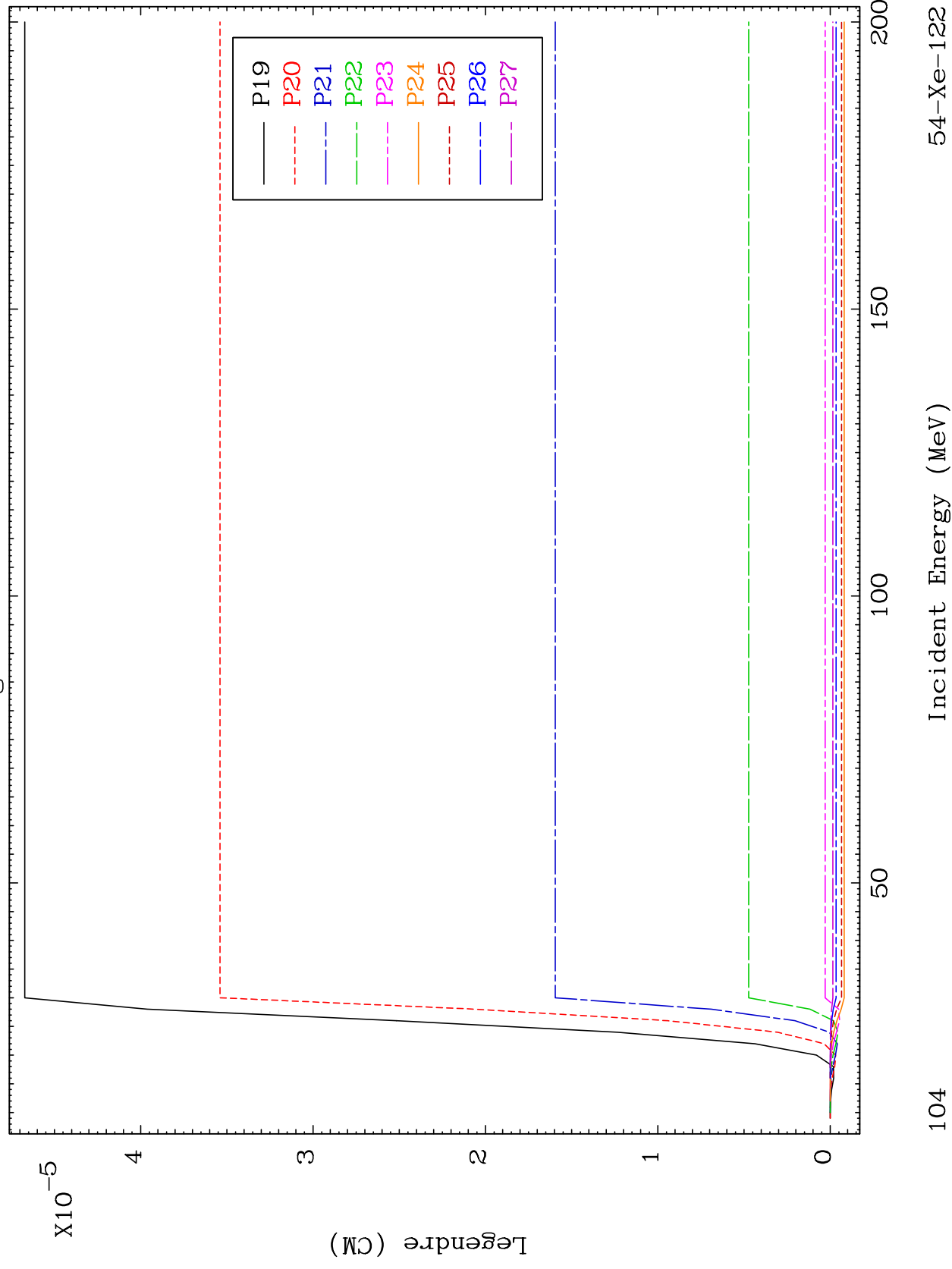
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

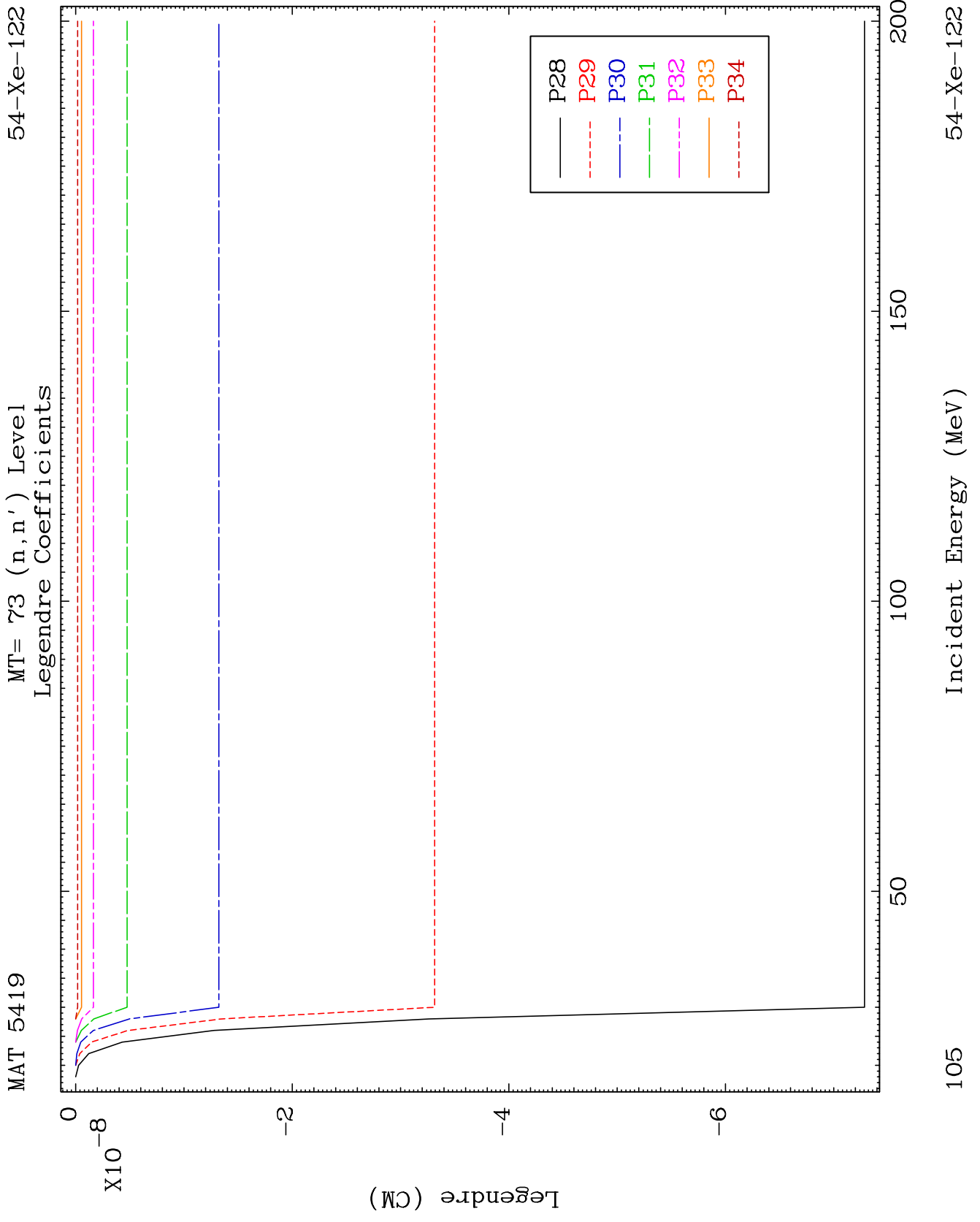
54-Xe-122



104

Incident Energy (MeV)

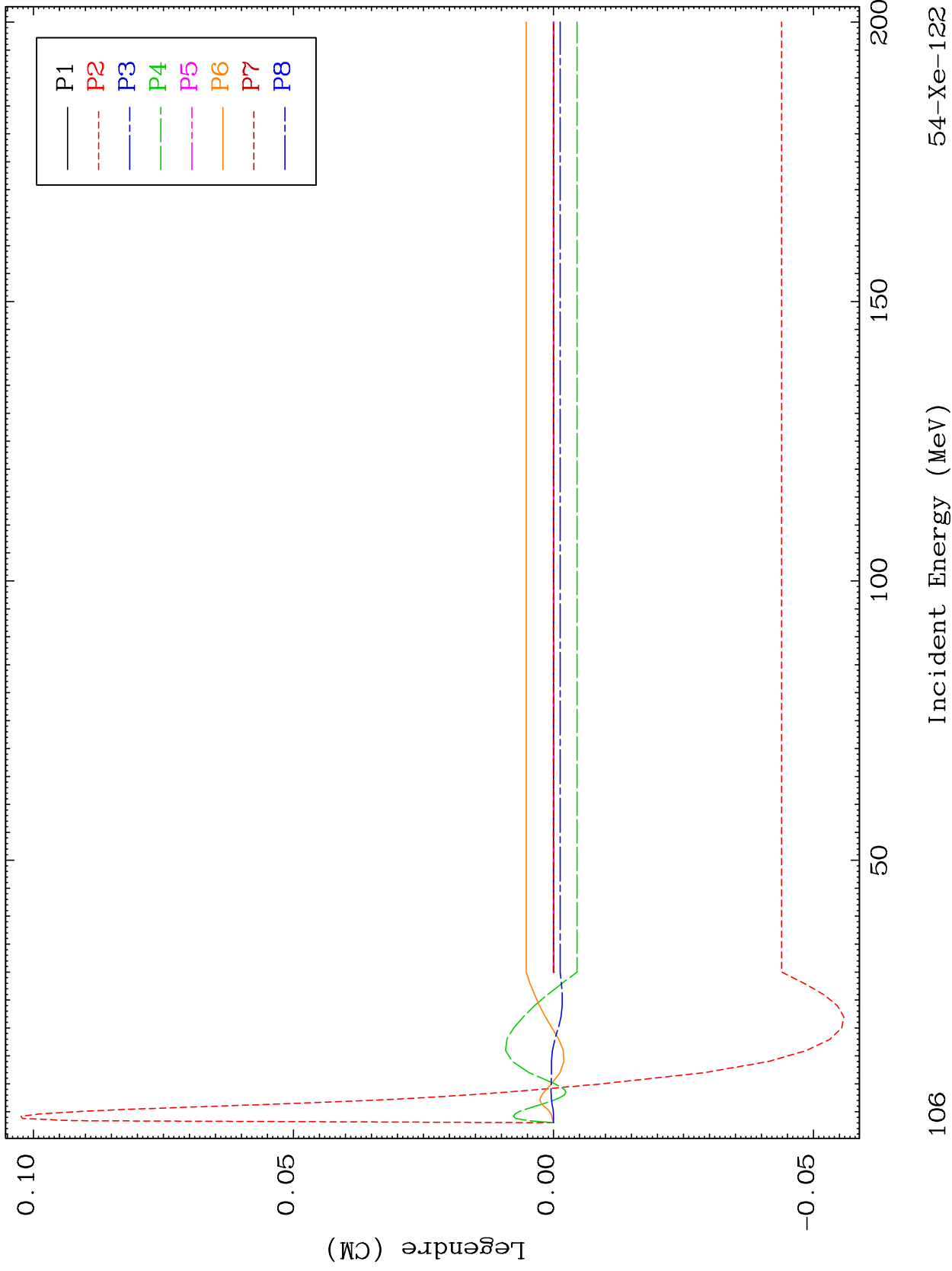
54-Xe-122



MAT 5419

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

54-Xe-122



54-Xe-122

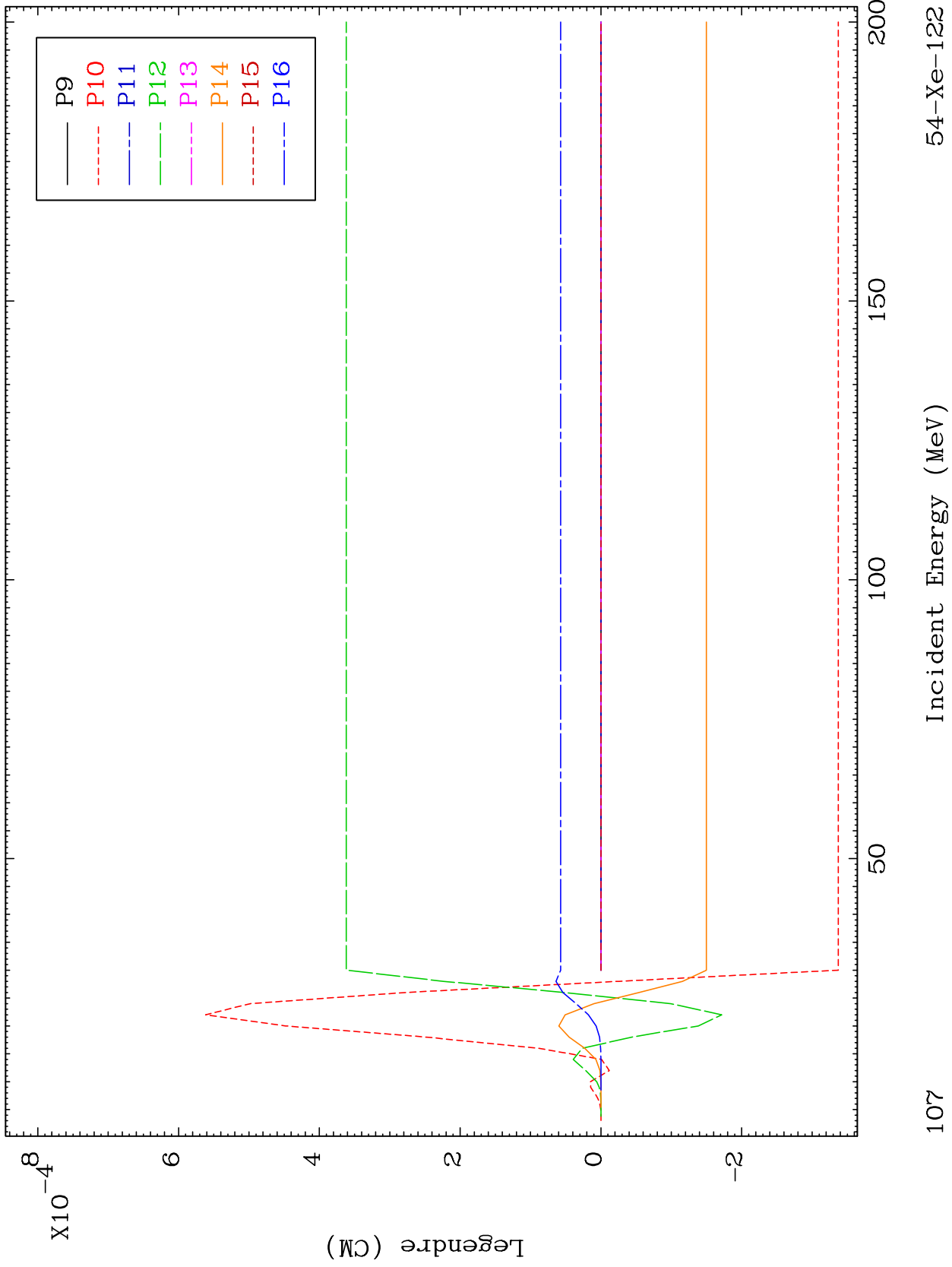
Incident Energy (MeV)

106

MAT 5419

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

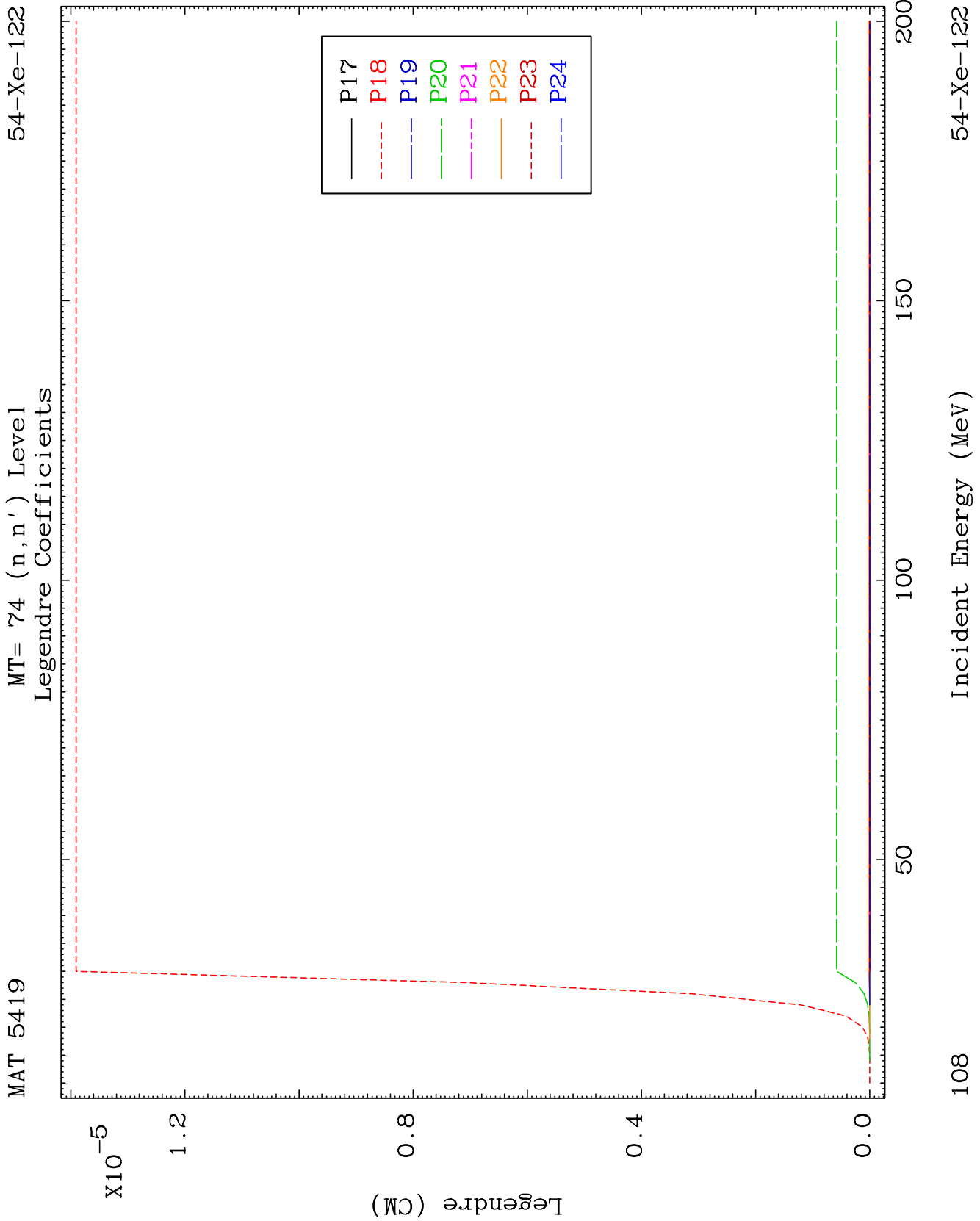
54-Xe-122



107

Incident Energy (MeV)

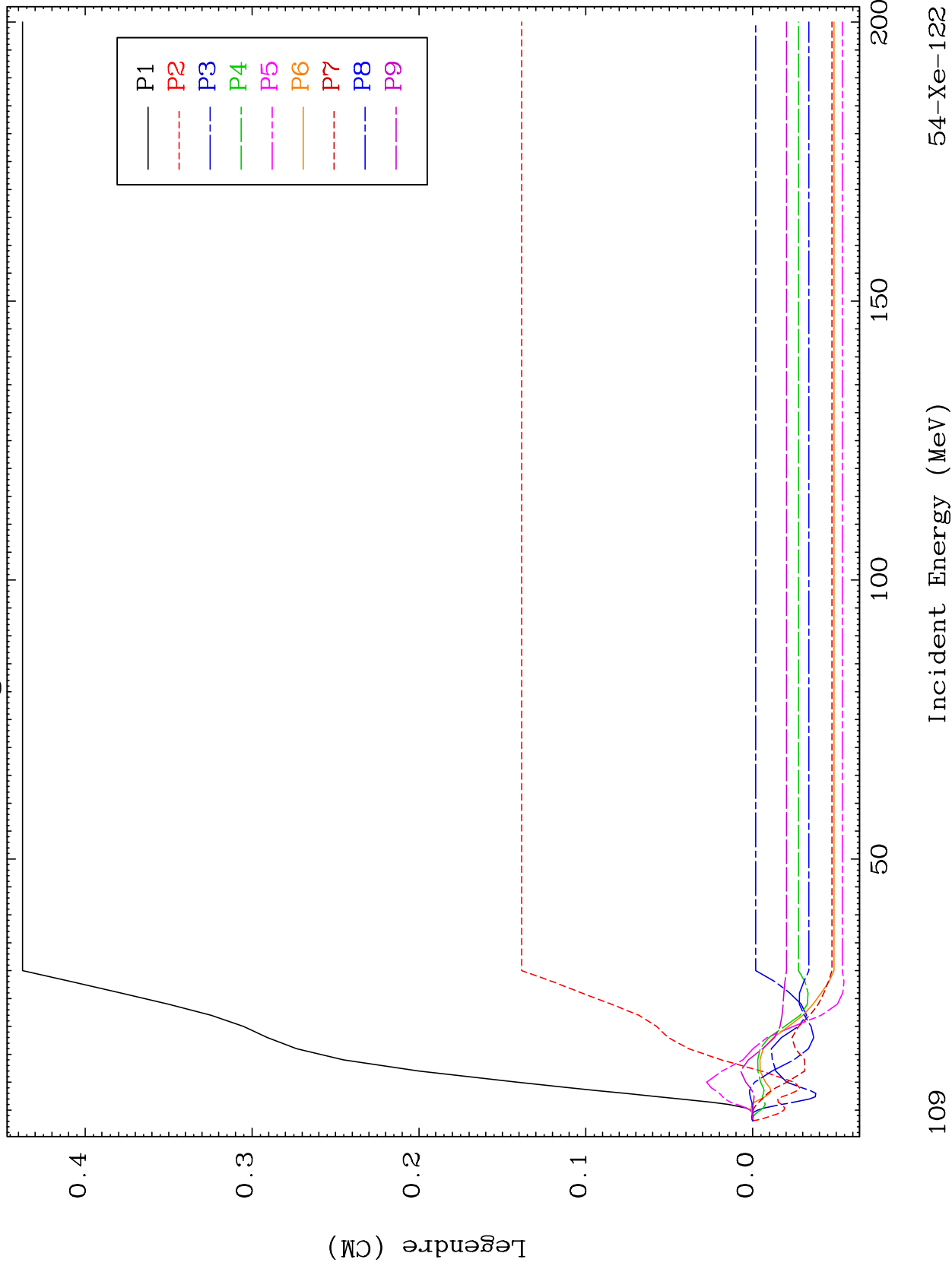
54-Xe-122



MAT 5419

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

54-Xe-122

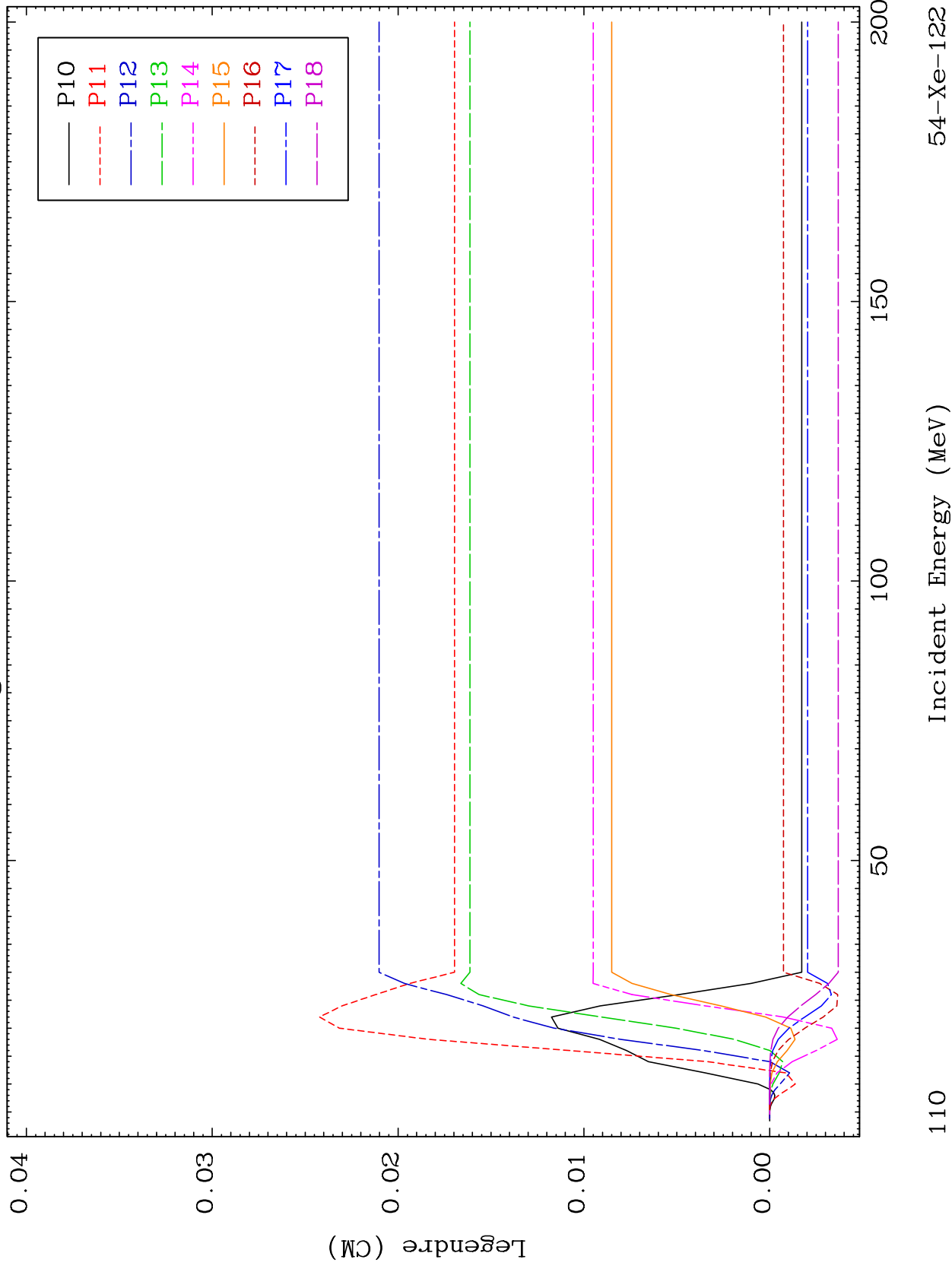


109

MAT 5419

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

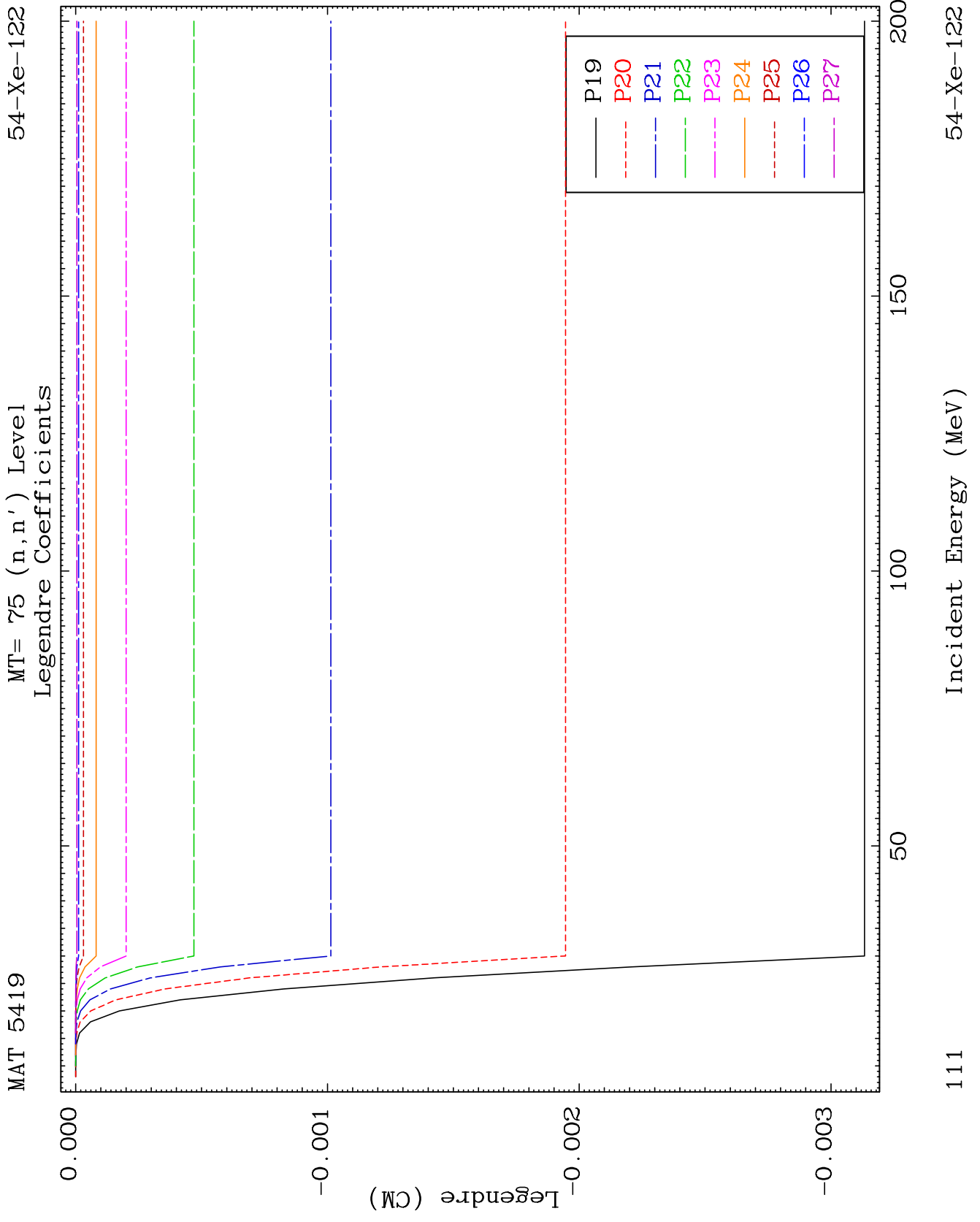
54-Xe-122

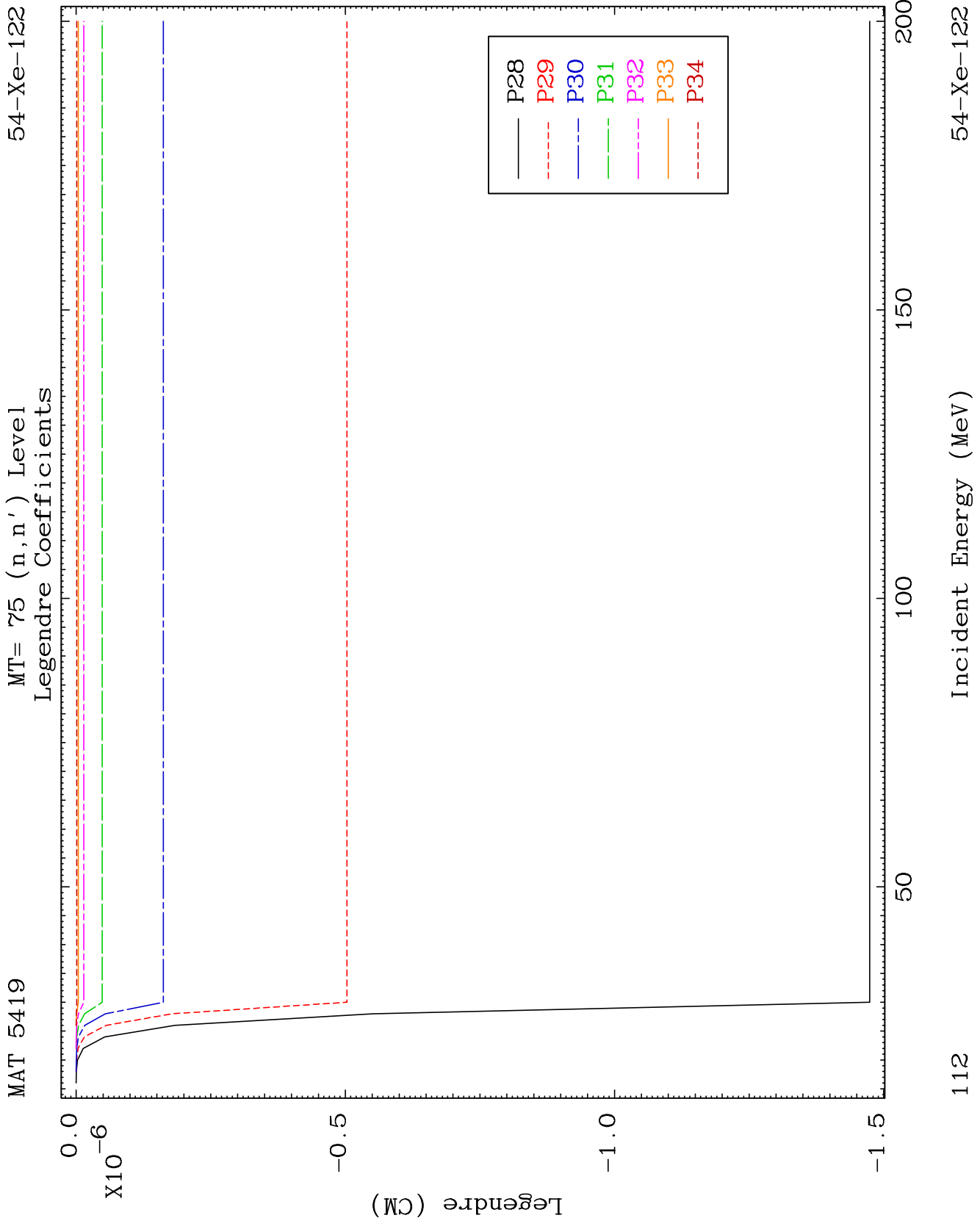


110

Incident Energy (MeV)

54-Xe-122



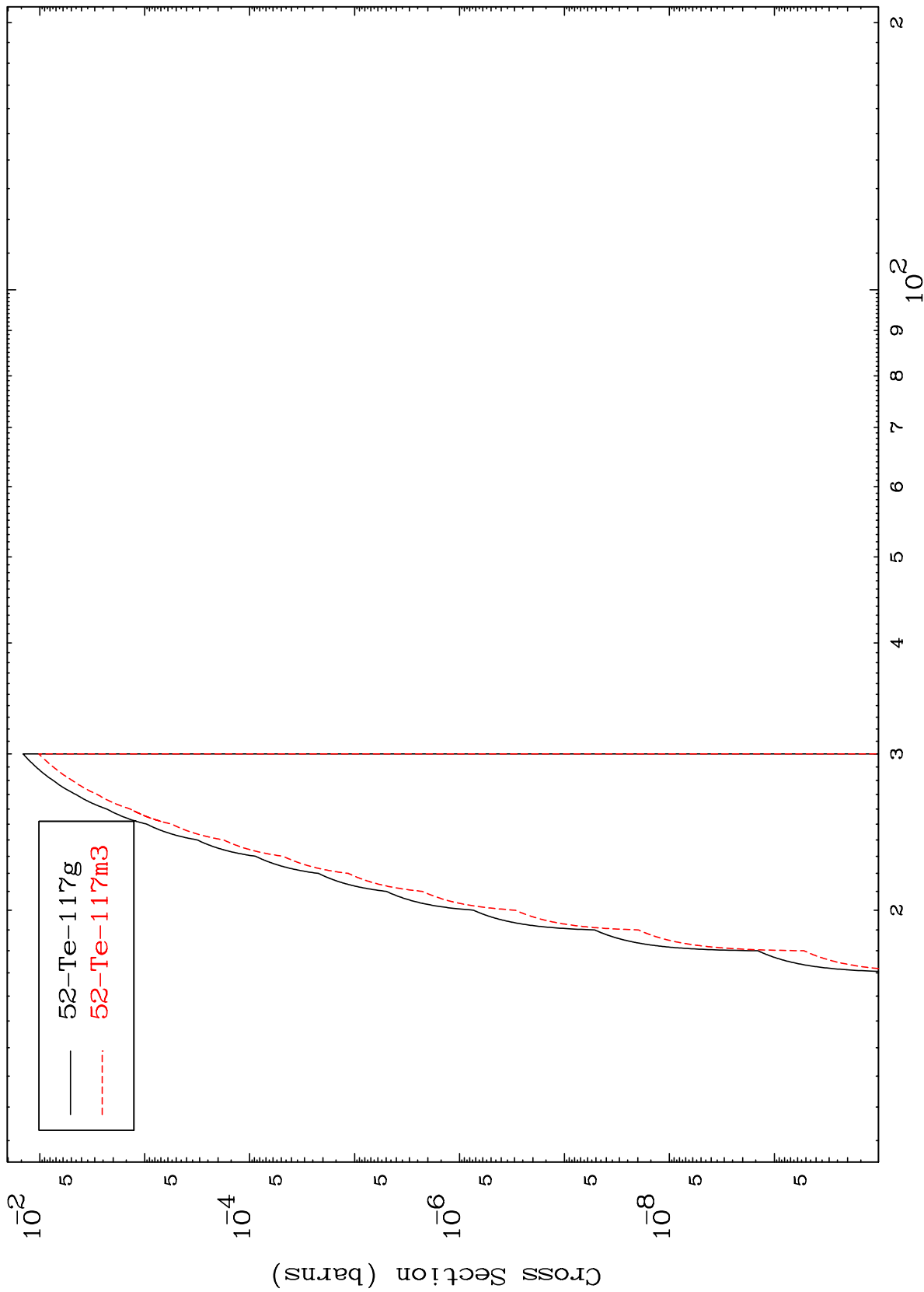


MAT 5419

(n,2n) α

54-Xe-122

Radionuclide Production Cross Section



113

Incident Energy (MeV)

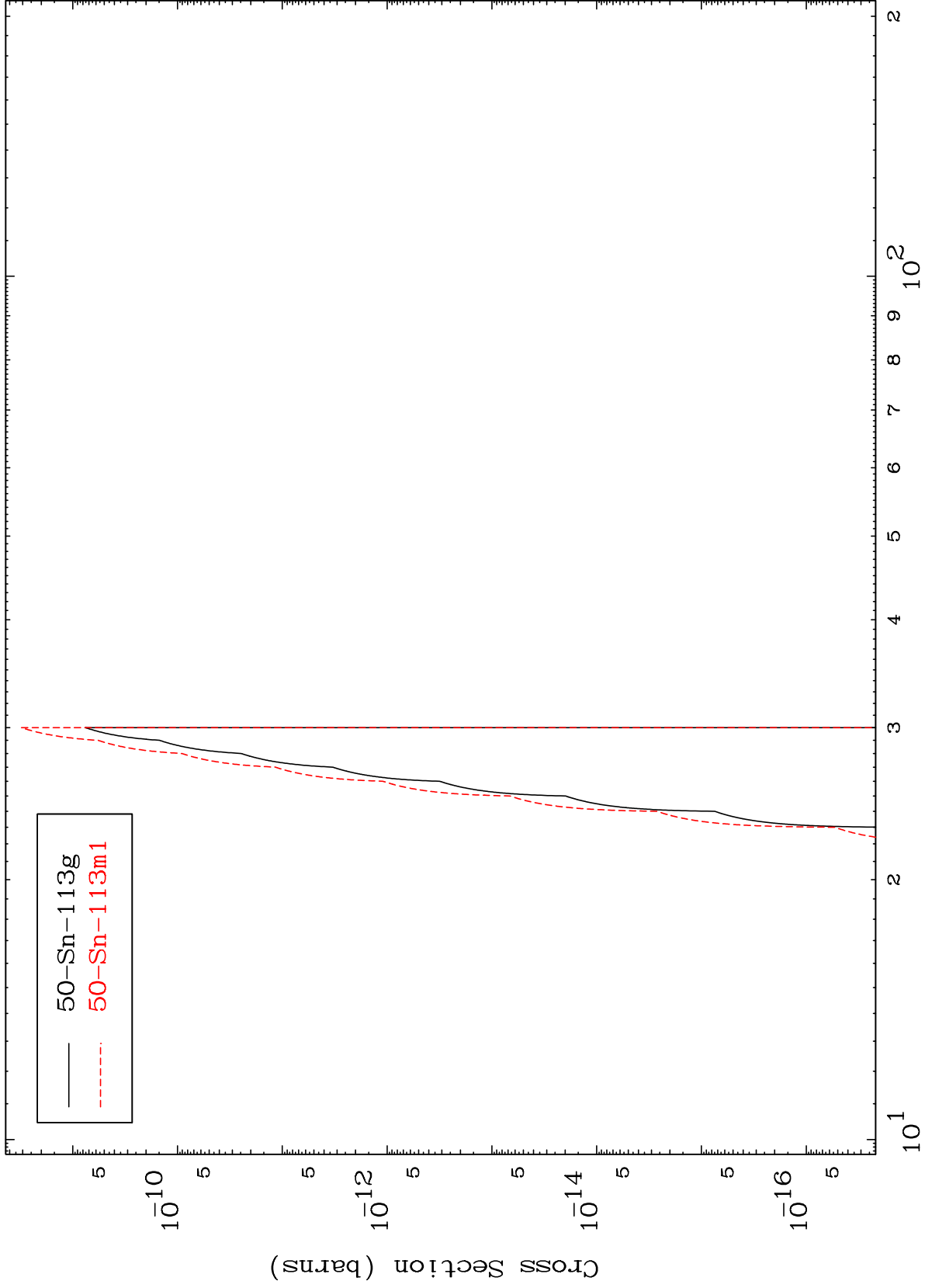
54-Xe-122

MAT 5419

(n,2n) 2 α

54-Xe-122

Radionuclide Production Cross Section



114

Incident Energy (MeV)

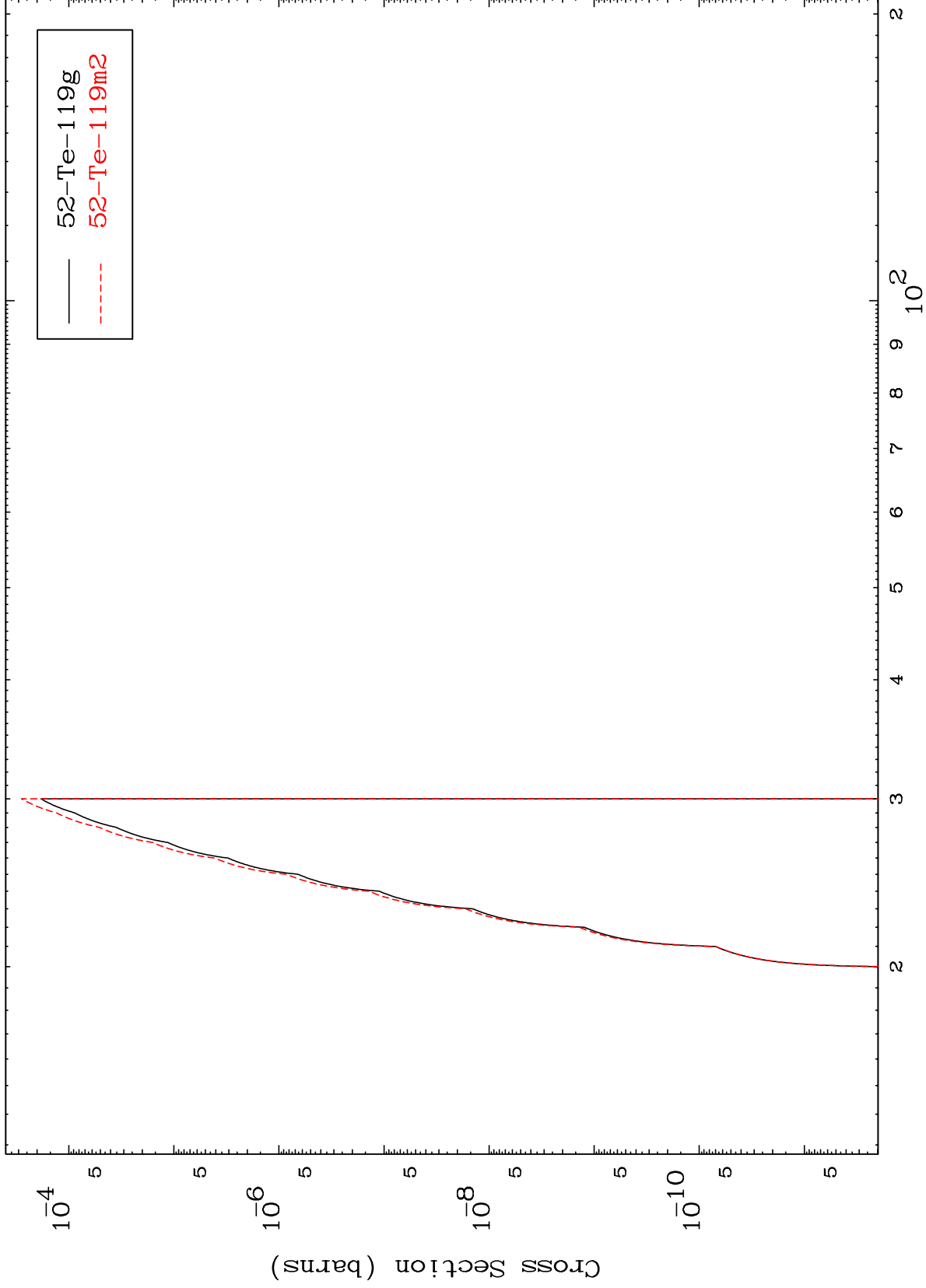
54-Xe-122

MAT 5419

(n,n') He-3

54-Xe-122

Radionuclide Production Cross Section



115

Incident Energy (MeV)

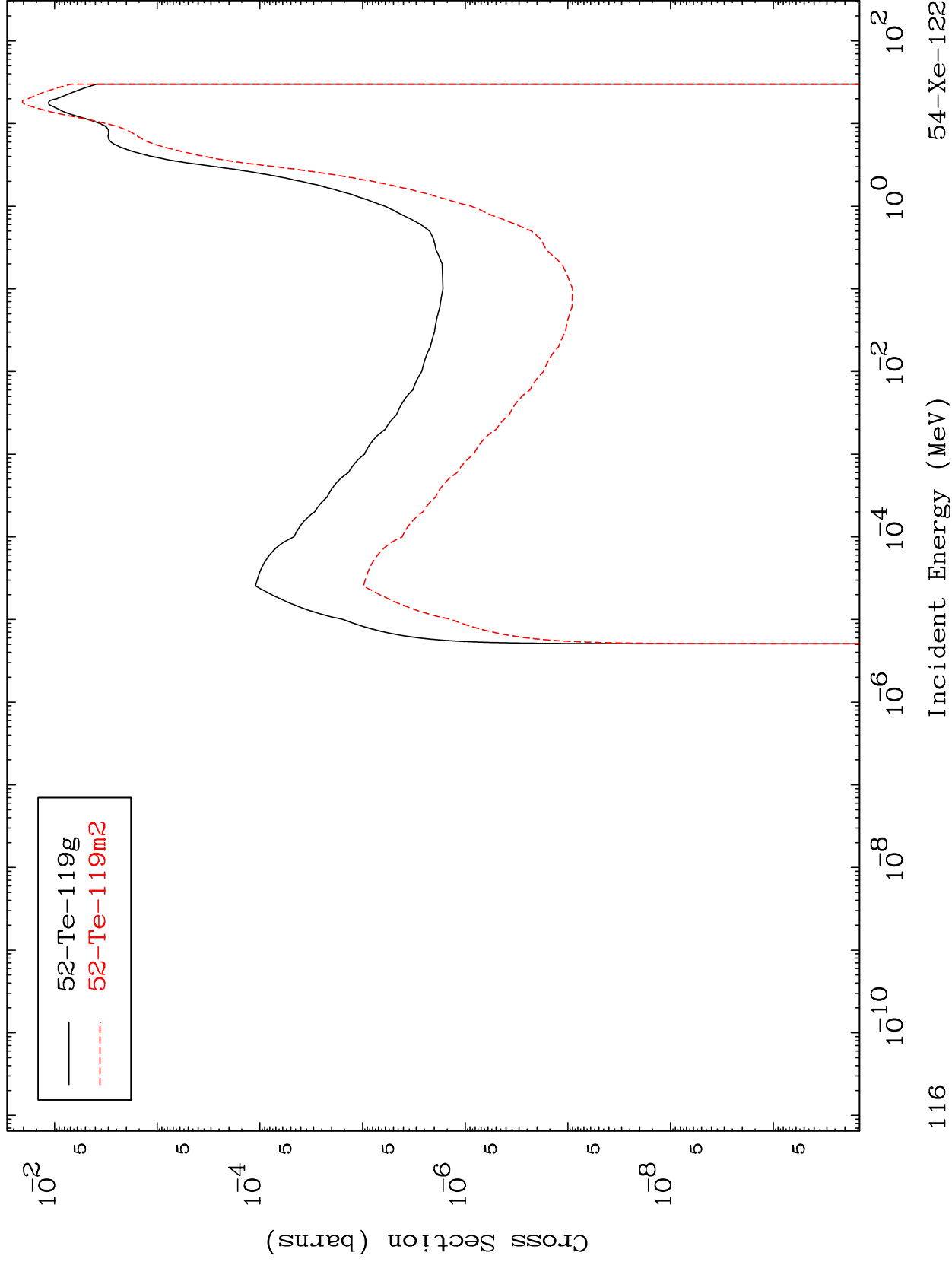
54-Xe-122

MAT 5419

(n, α)

54-Xe-122

Radionuclide Production Cross Section

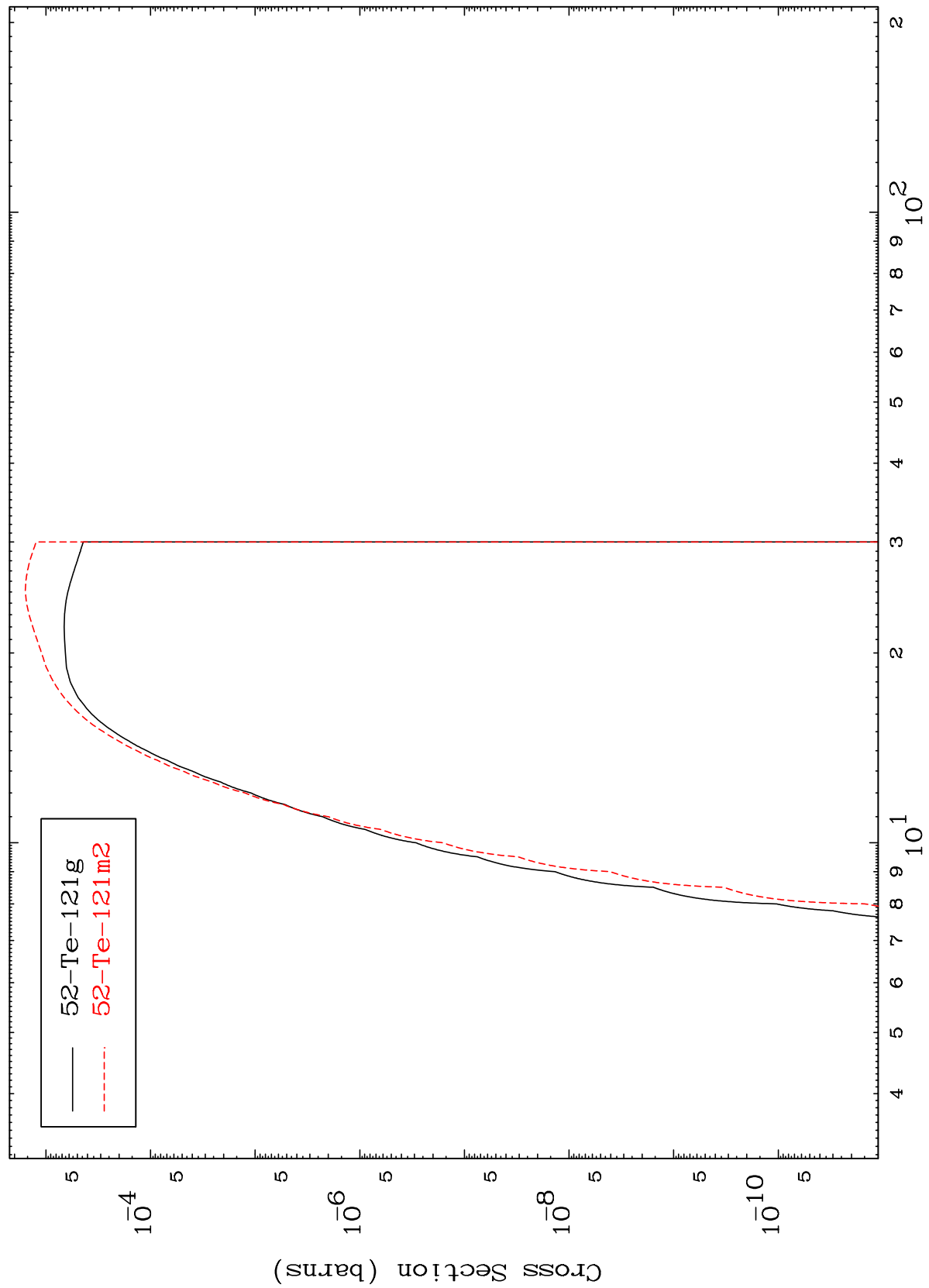


116

MAT 5419

54-Xe-122

Radionuclide Production Cross Section
(n,2p)



117

Incident Energy (MeV)

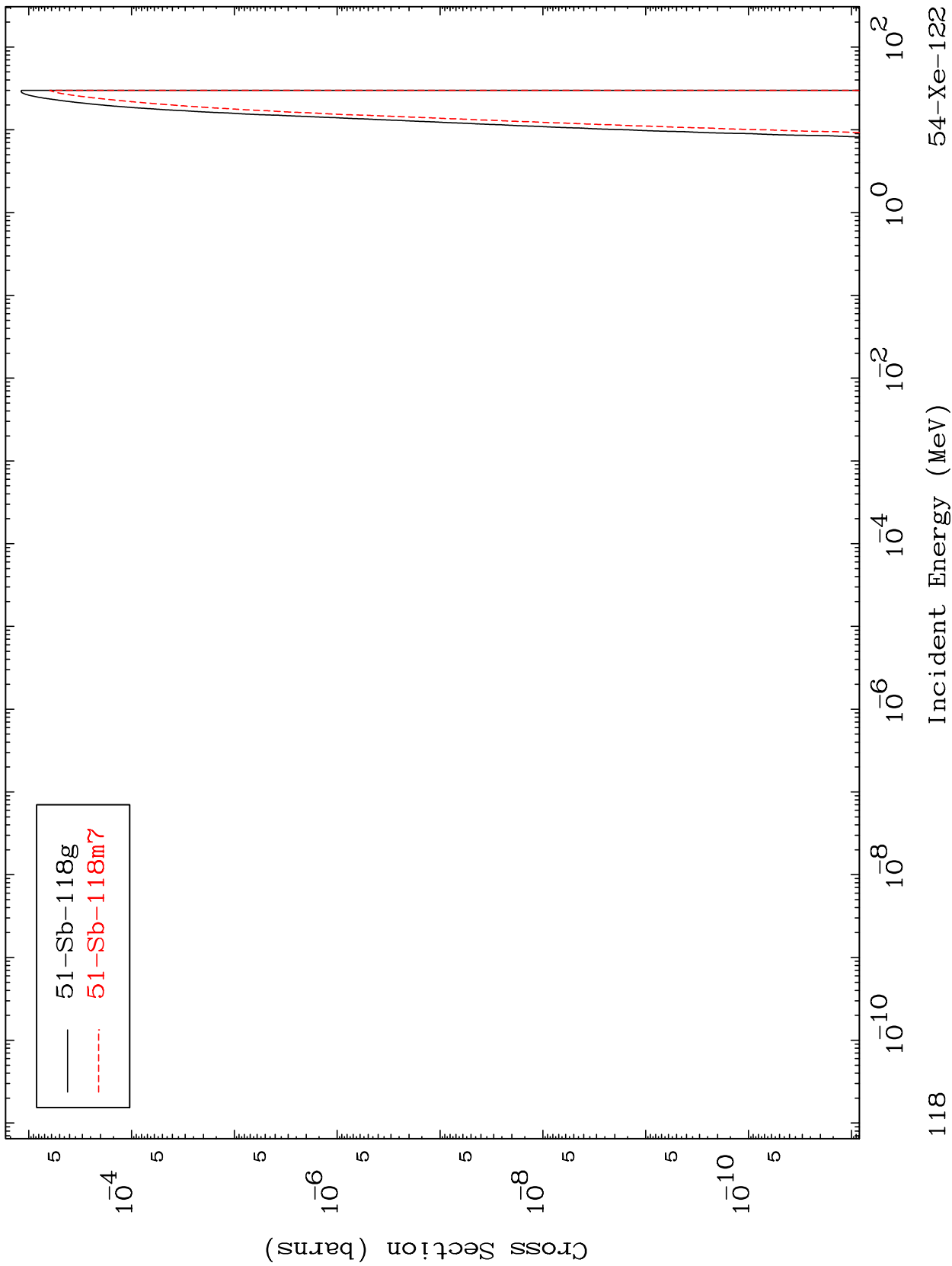
54-Xe-122

MAT 5419

(n,p) α

54-Xe-122

Radionuclide Production Cross Section

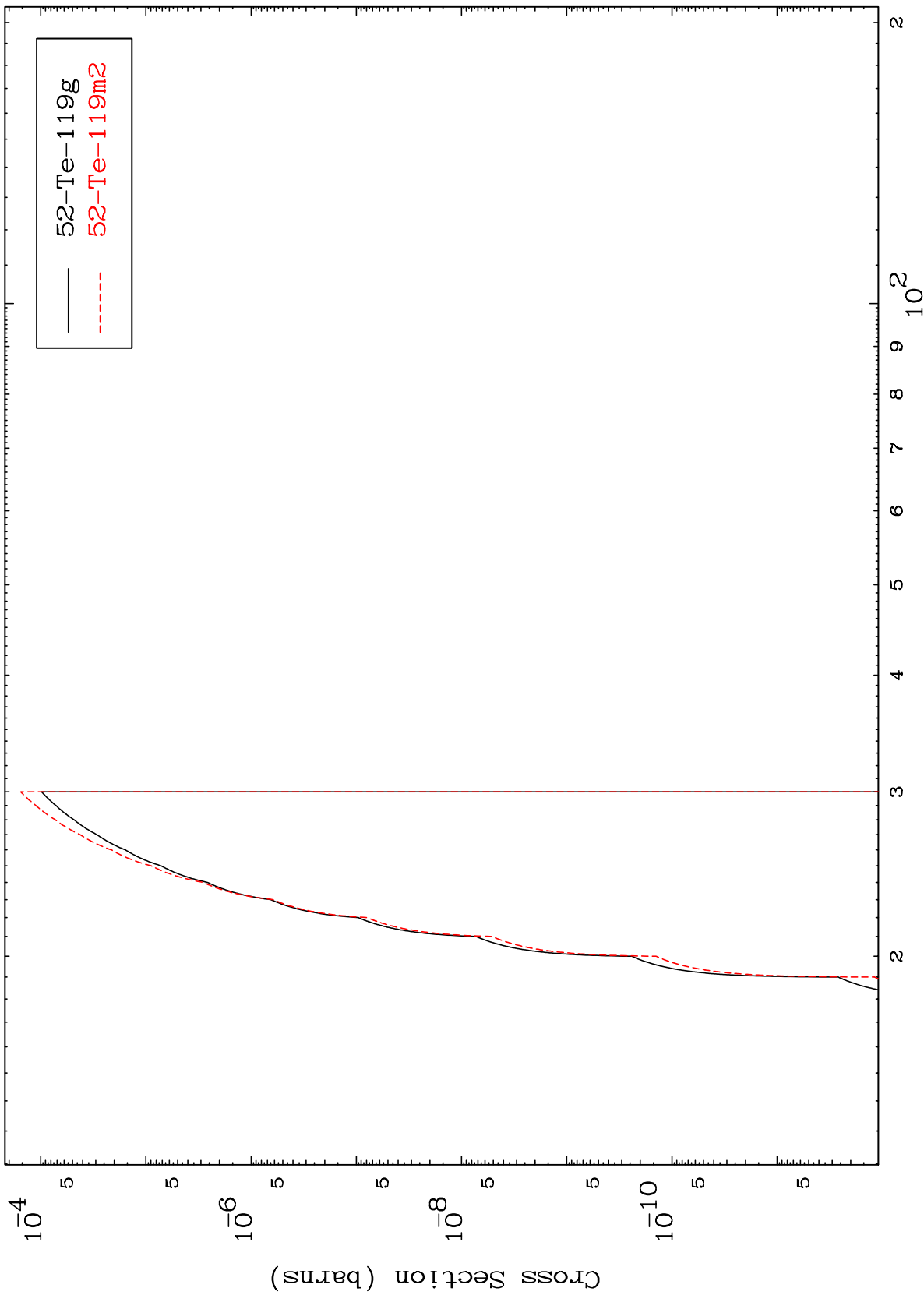


MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



119

Incident Energy (MeV)

54-Xe-122