

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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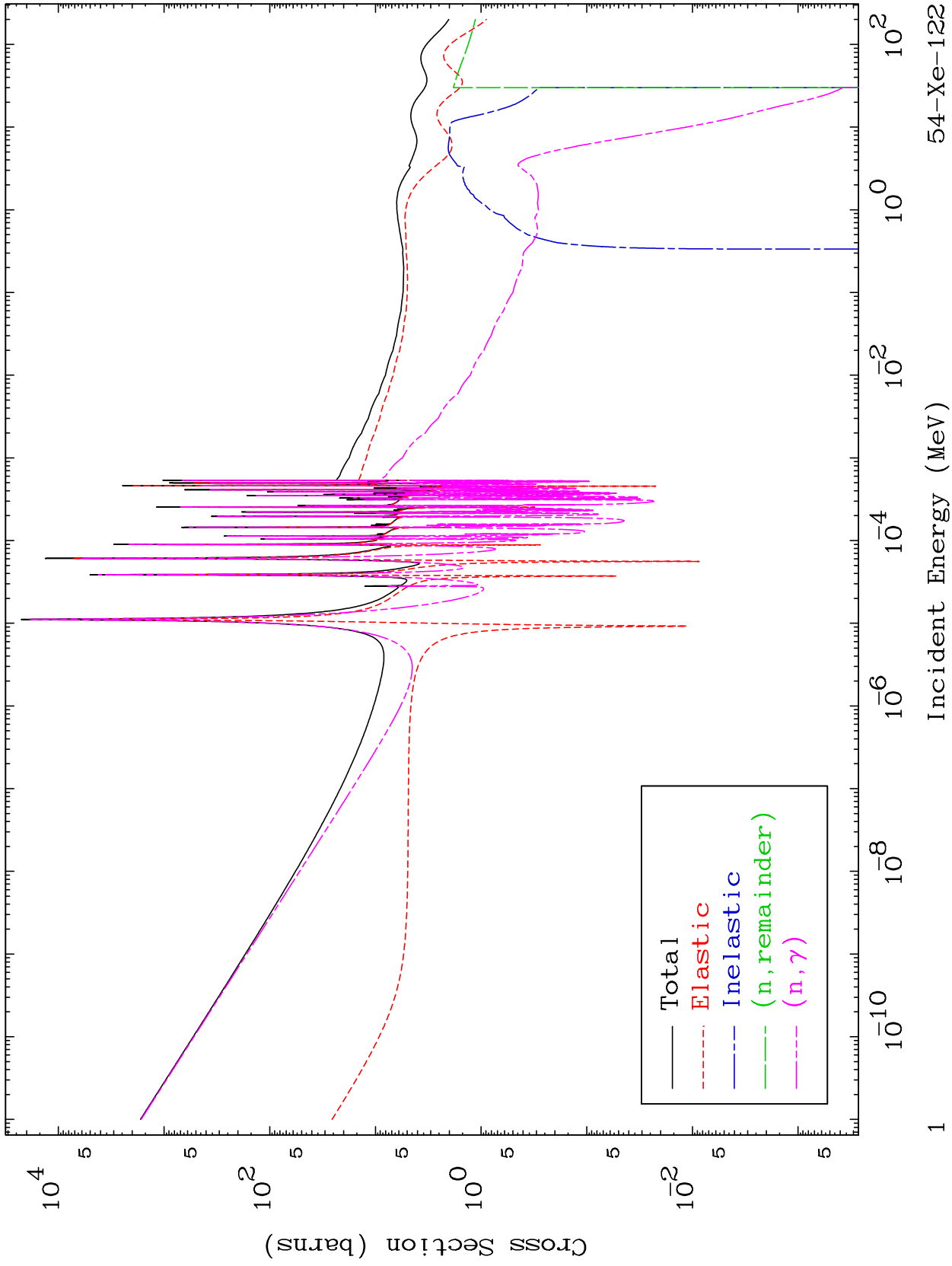
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5419

Major
293 Kelvin Cross Sections

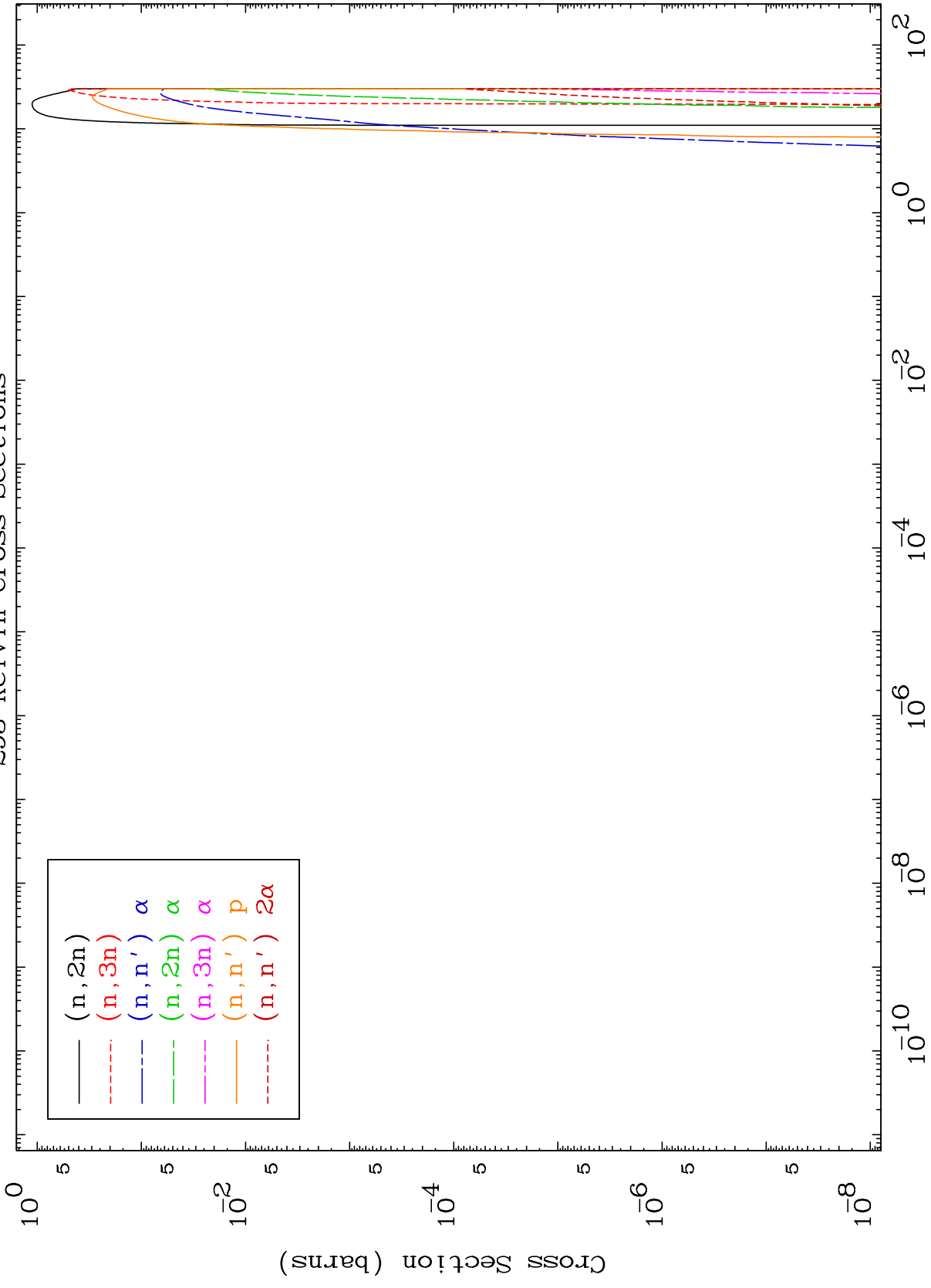
54-Xe-122



MAT 5419

Neutron Production
293 Kelvin Cross Sections

54-Xe-122



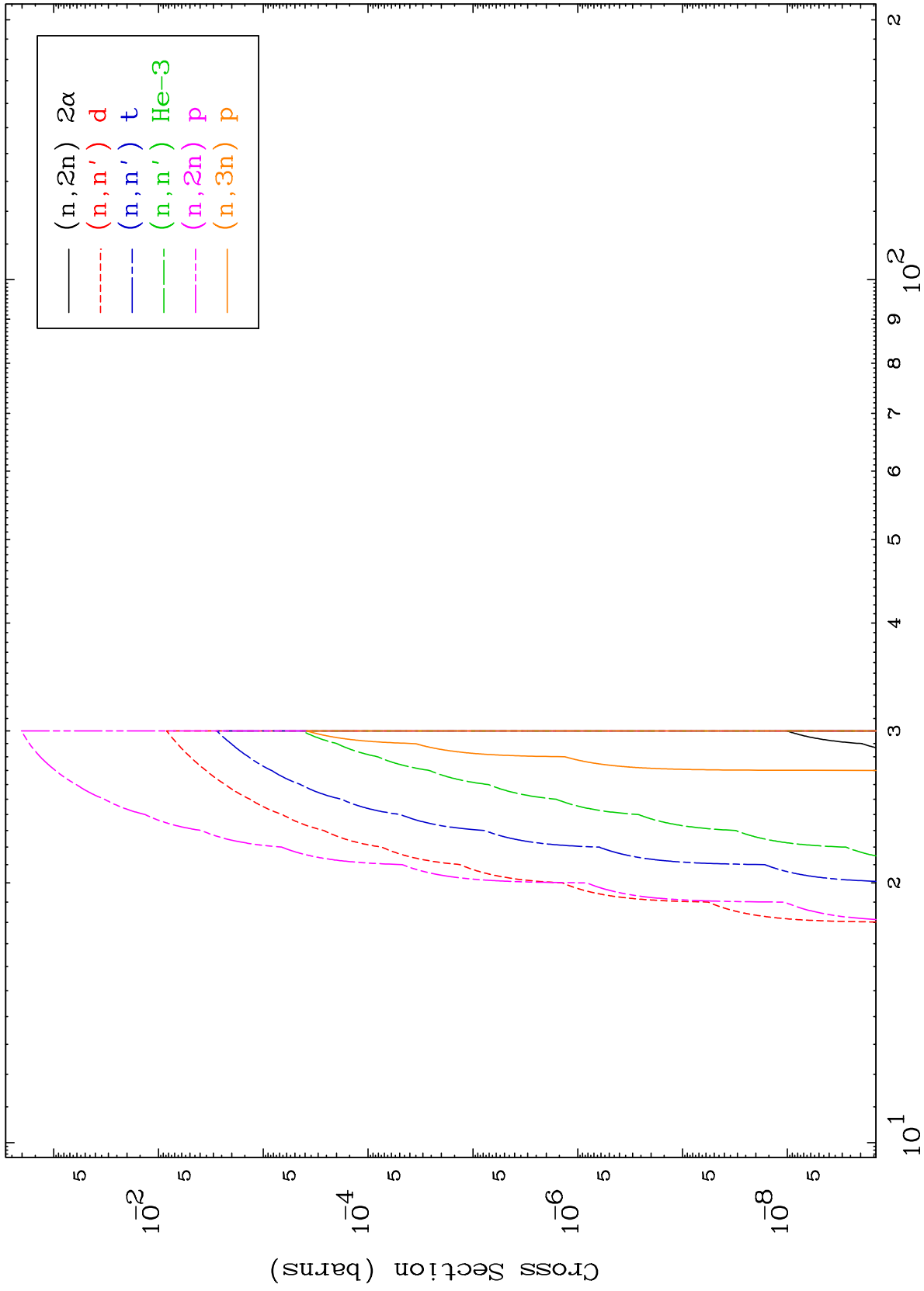
2

54-Xe-122

MAT 5419

Neutron Production
293 Kelvin Cross Sections

54-Xe-122



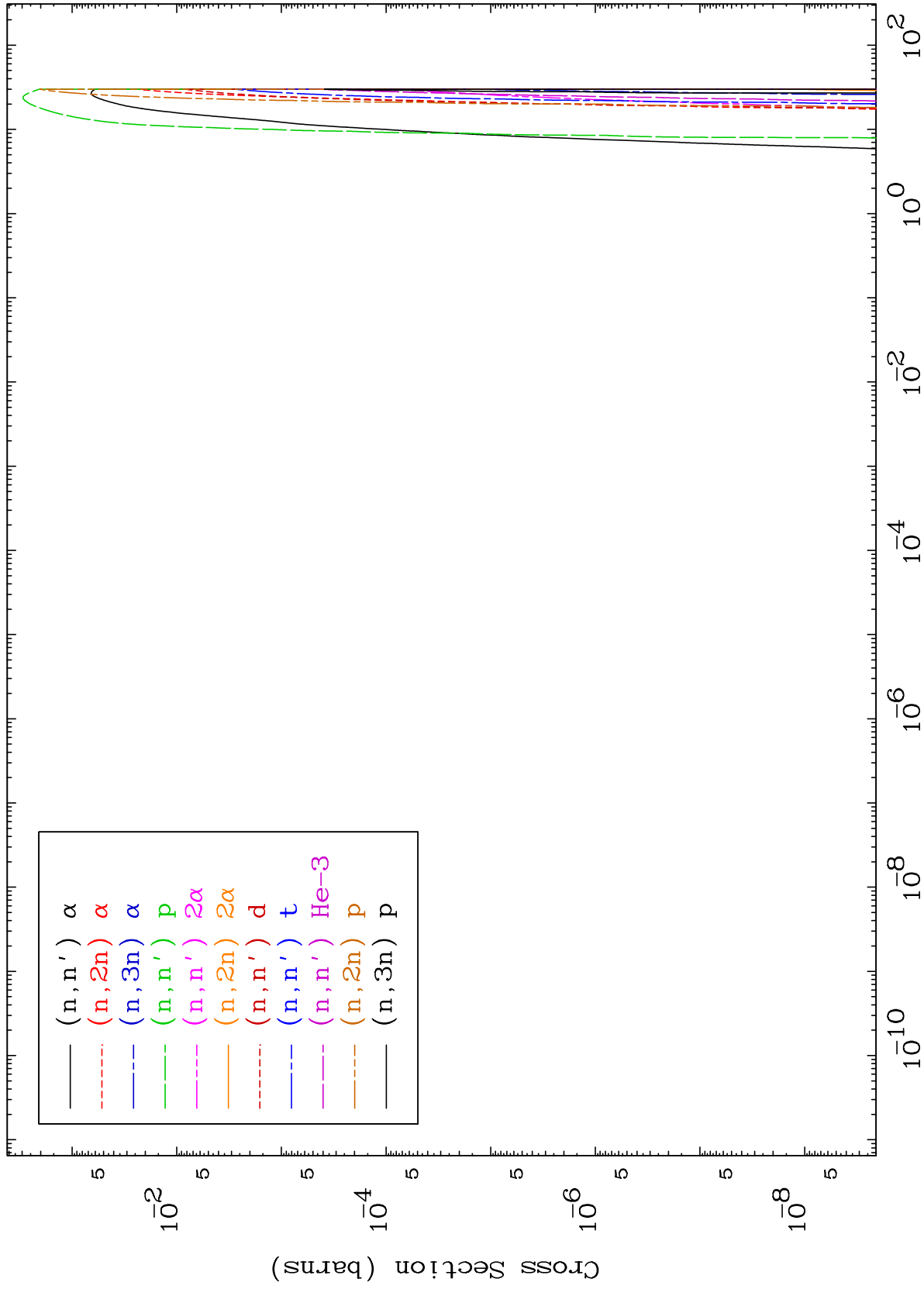
Incident Energy (MeV)

54-Xe-122

MAT 5419

Charged Particle
293 Kelvin Cross Sections

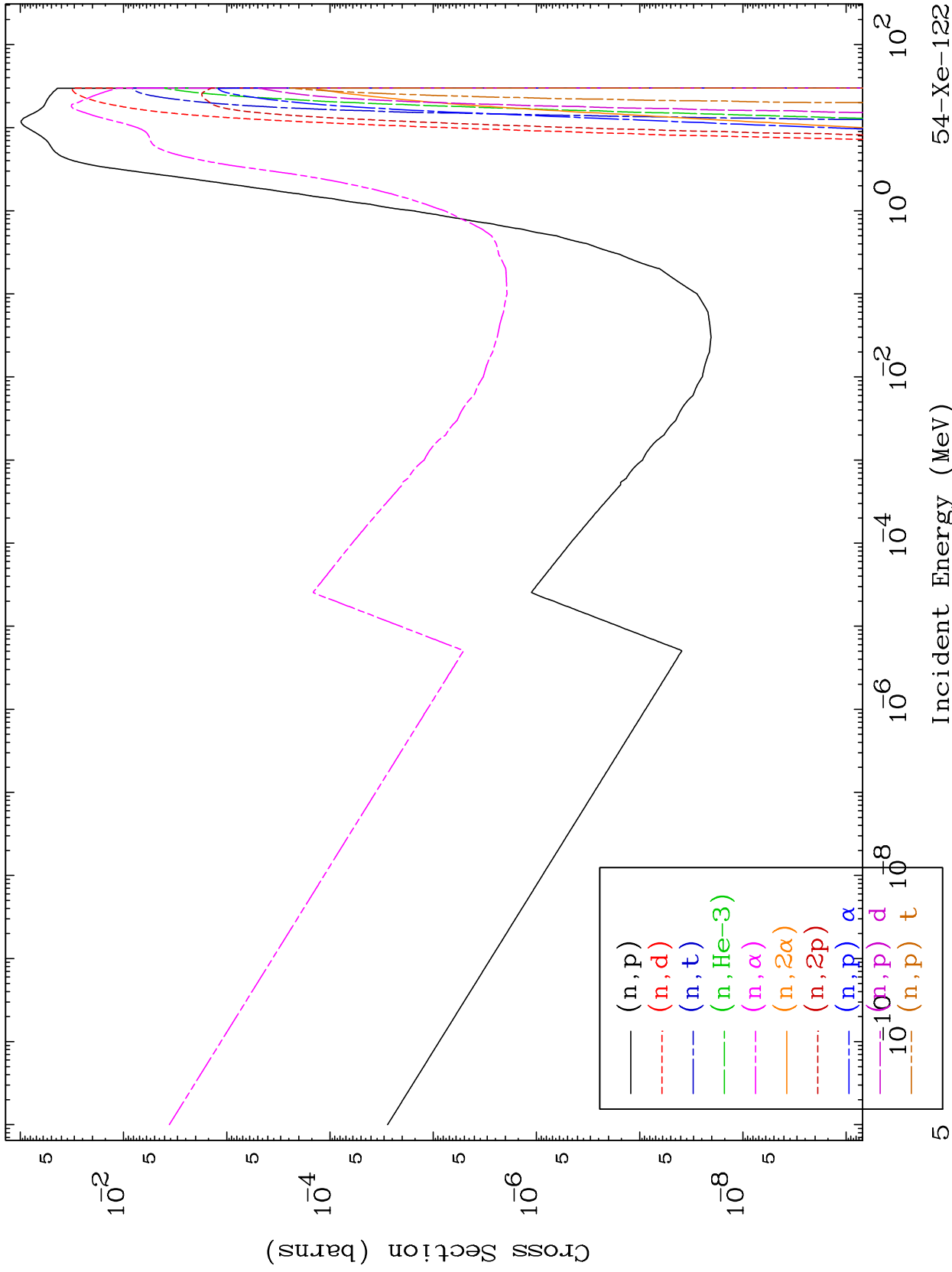
54-Xe-122



MAT 5419

Charged Particle
293 Kelvin Cross Sections

54-Xe-122

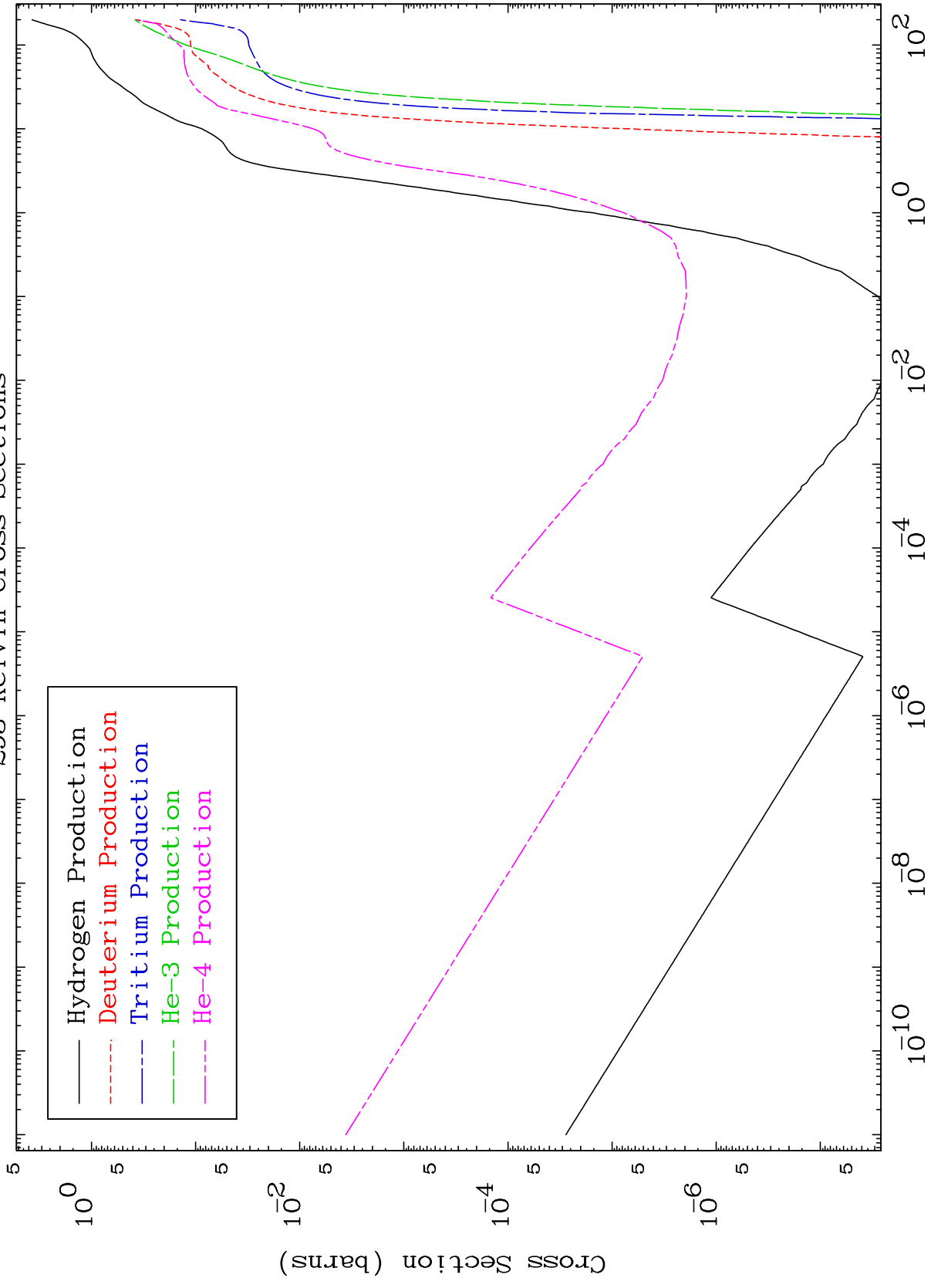


54-Xe-122

MAT 5419

Particle Production
293 Kelvin Cross Sections

54-Xe-122

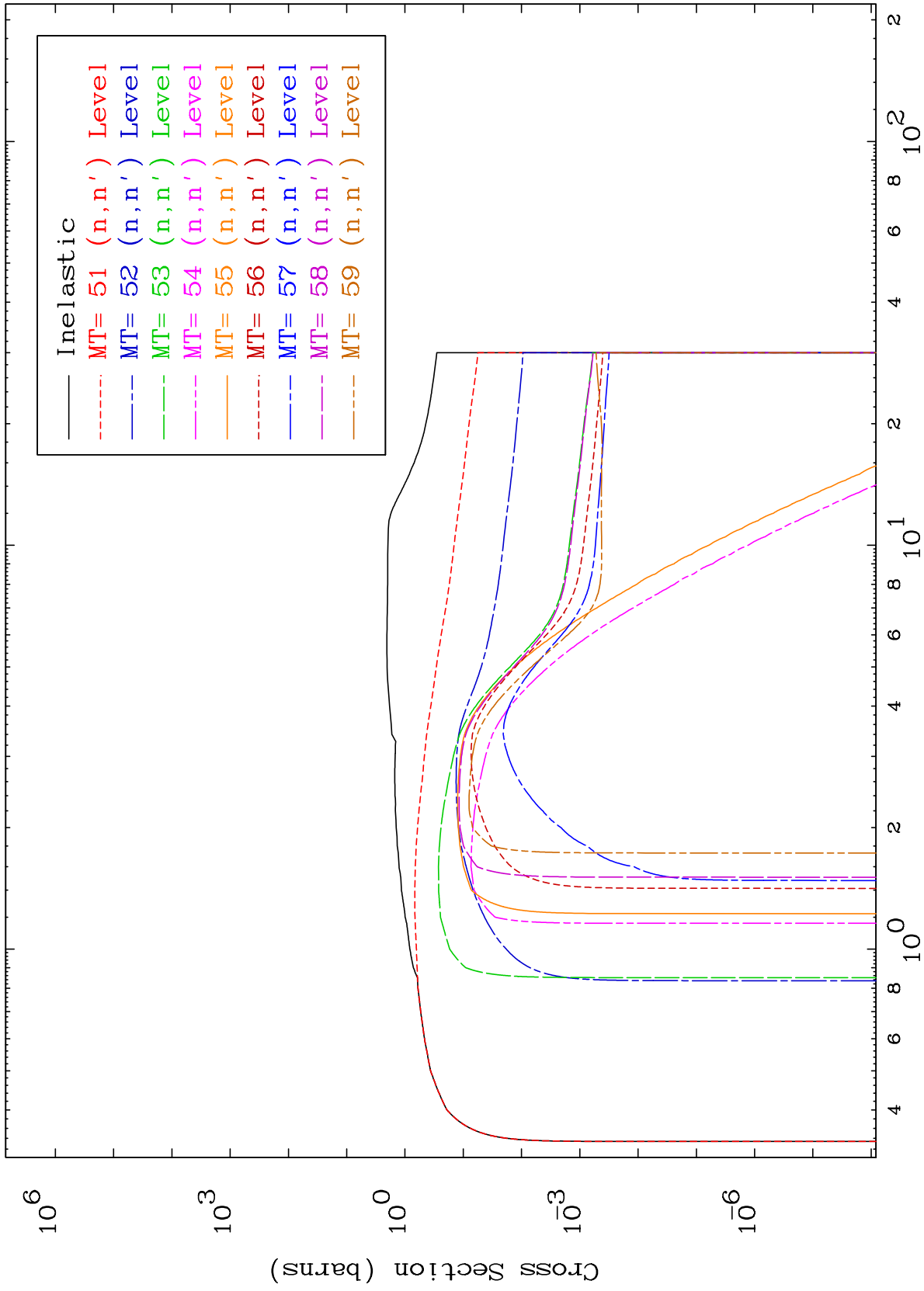


54-Xe-122

MAT 5419

(n,n') Level
293 Kelvin Cross Sections

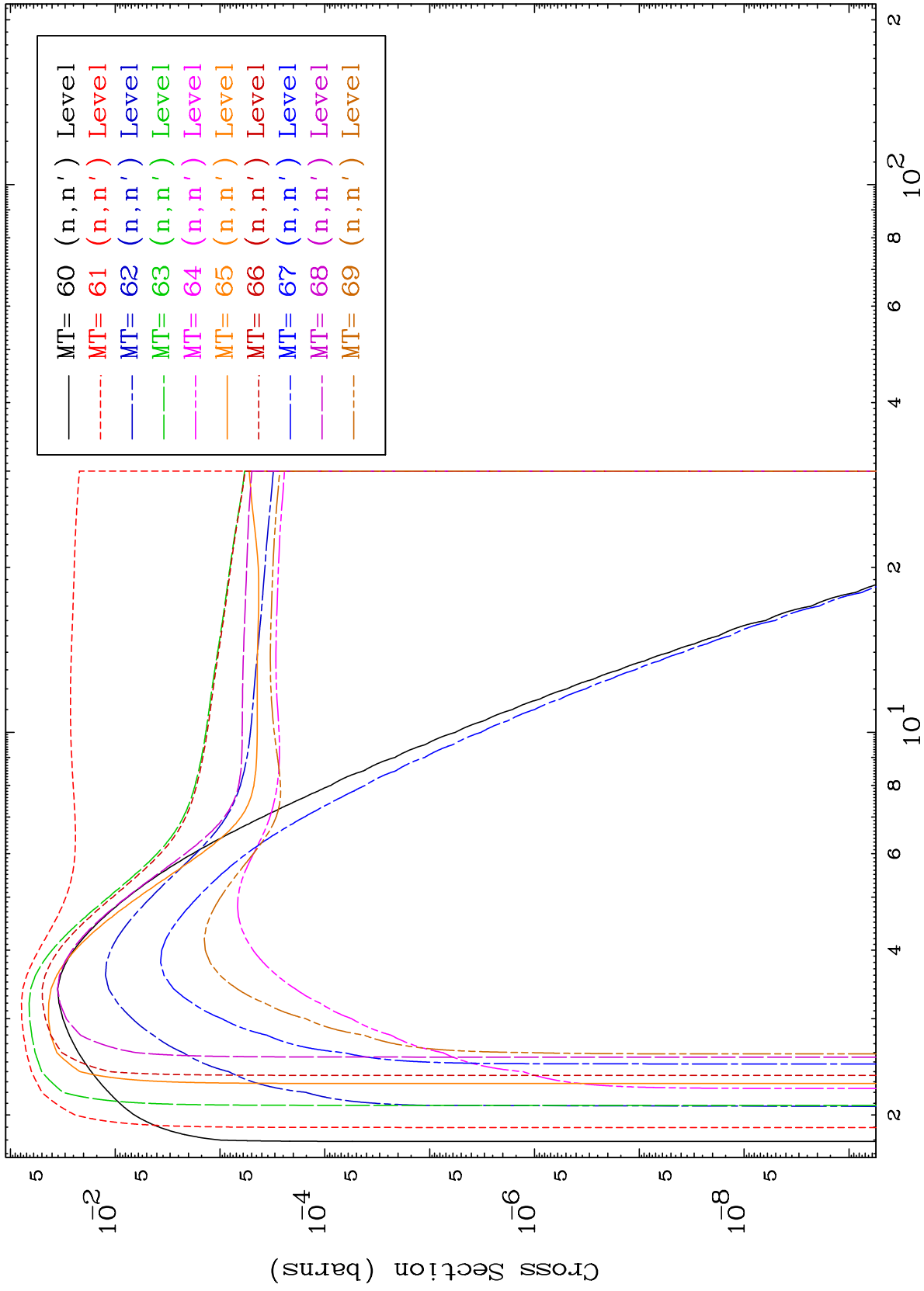
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MAT 5419

(n,n') Level
293 Kelvin Cross Sections

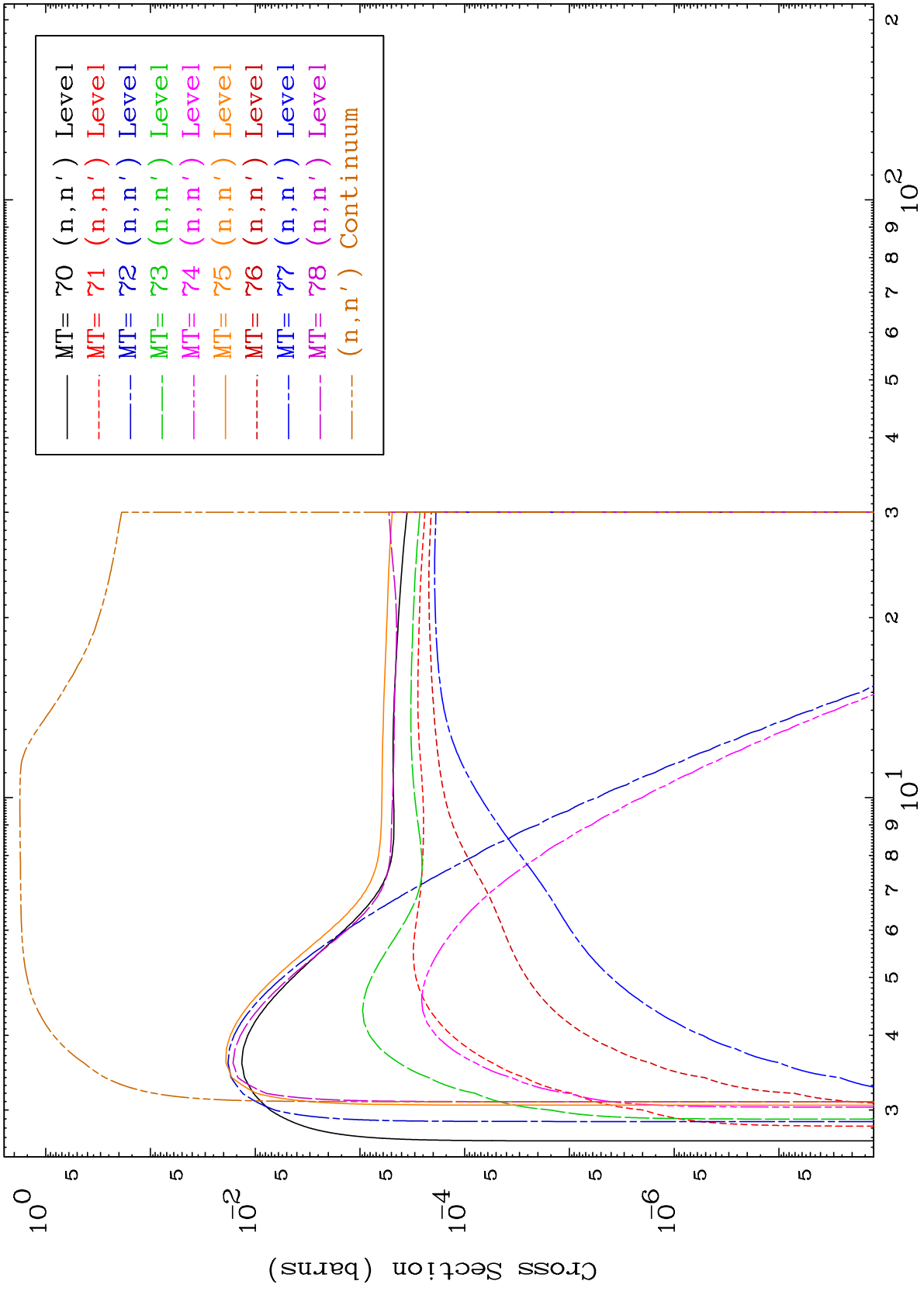
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8

Incident Energy (MeV)

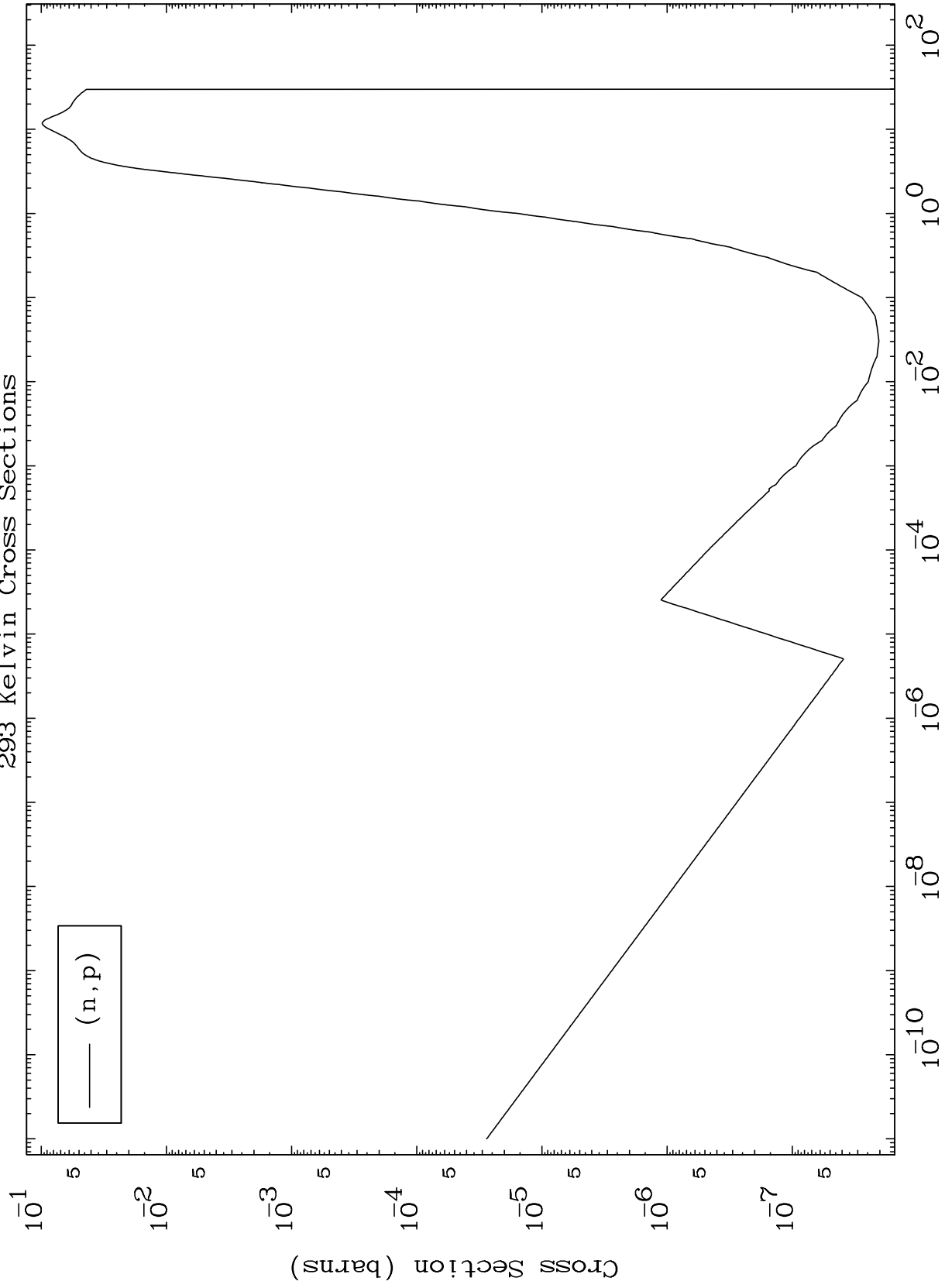
54-Xe-122



MAT 5419

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-122



10

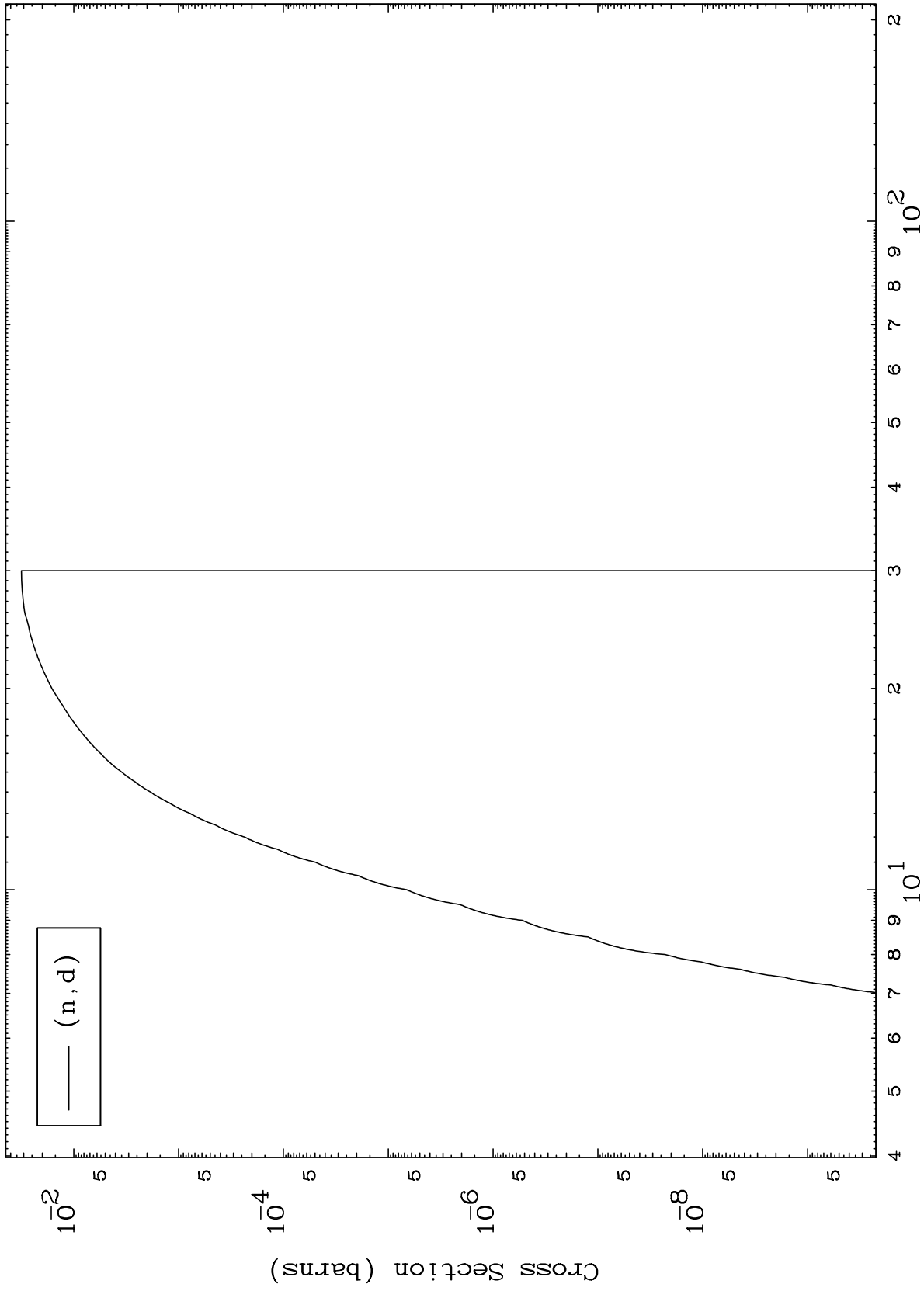
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-122



11

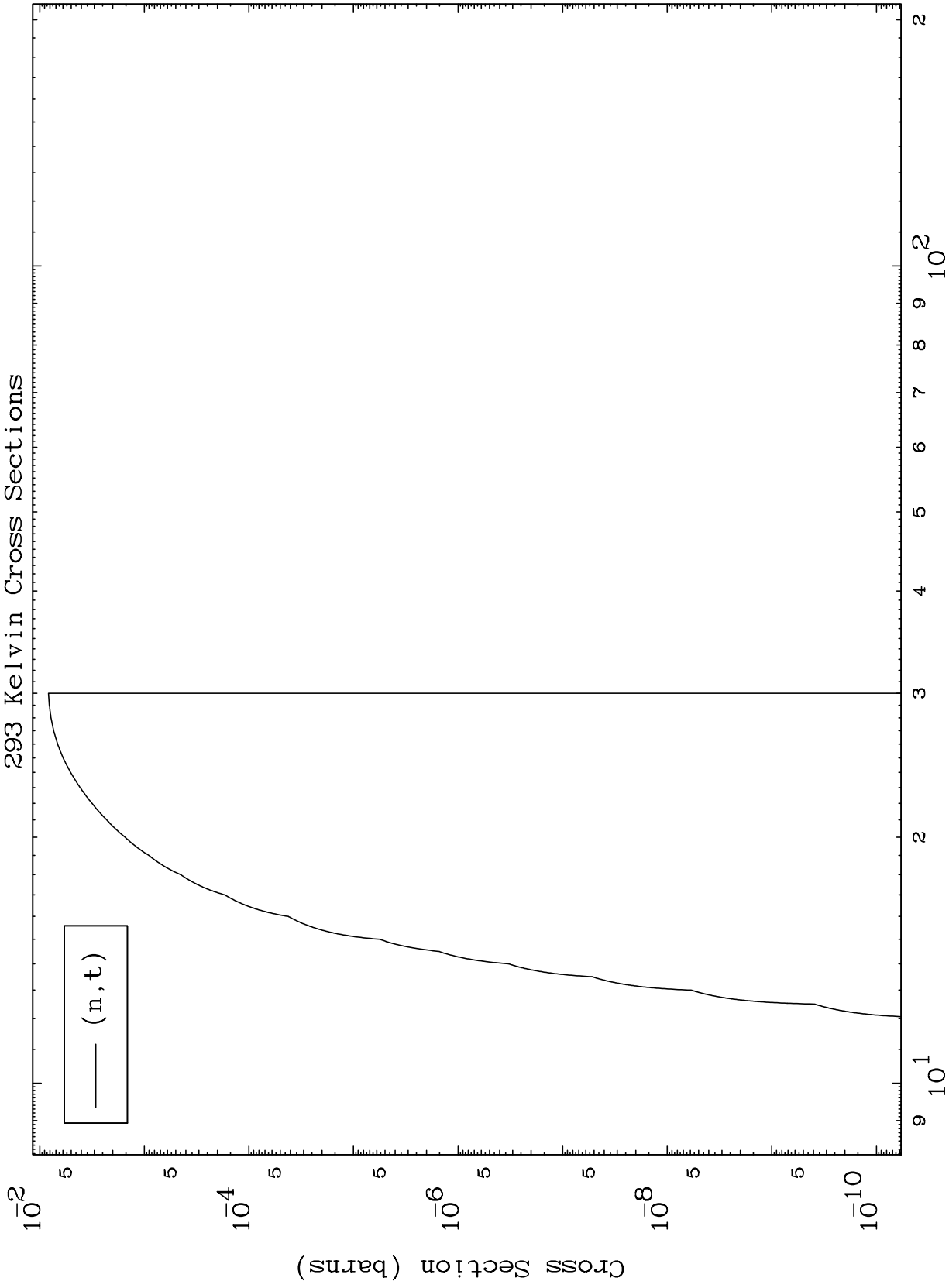
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-122



12

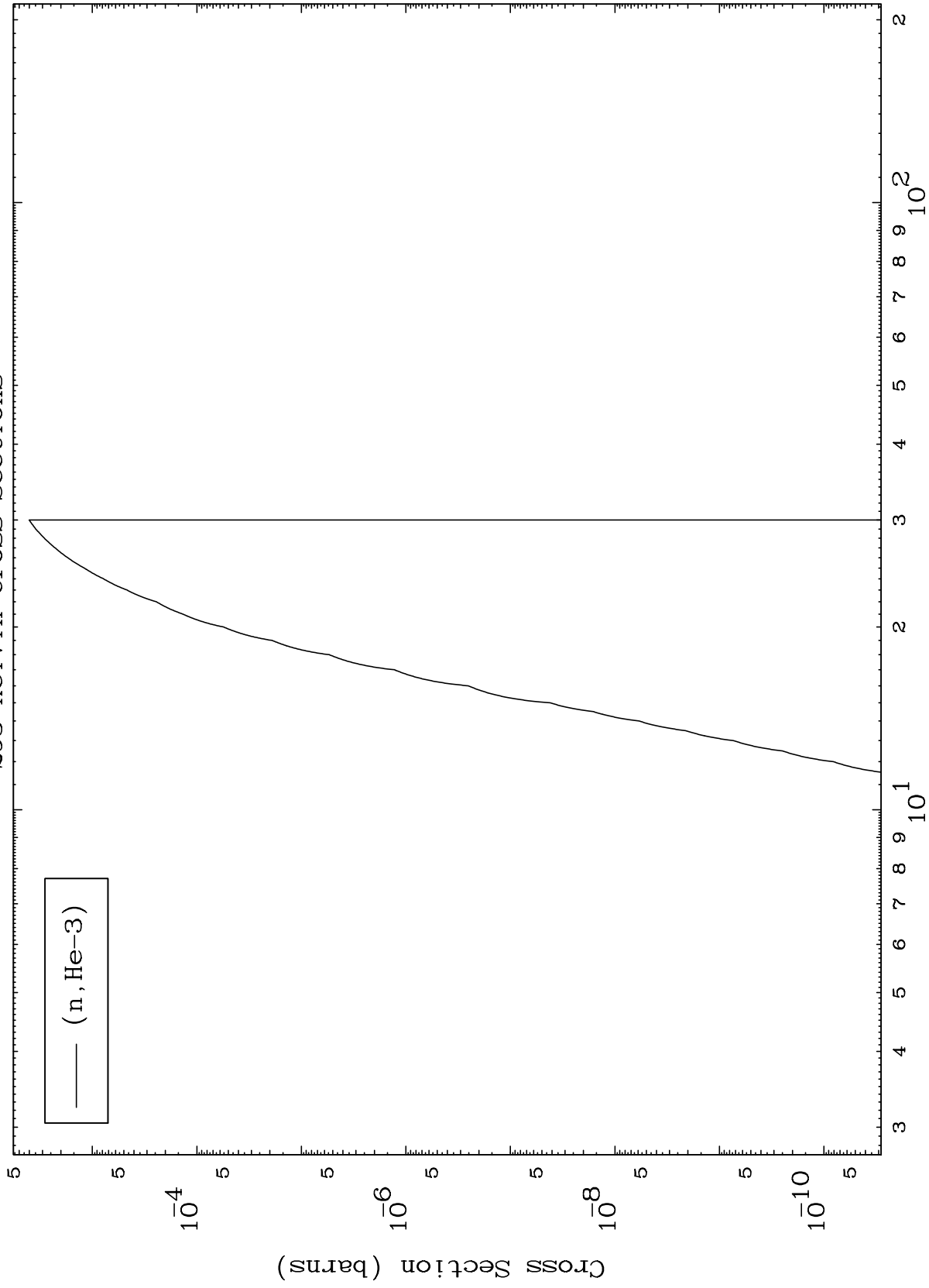
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-122



13

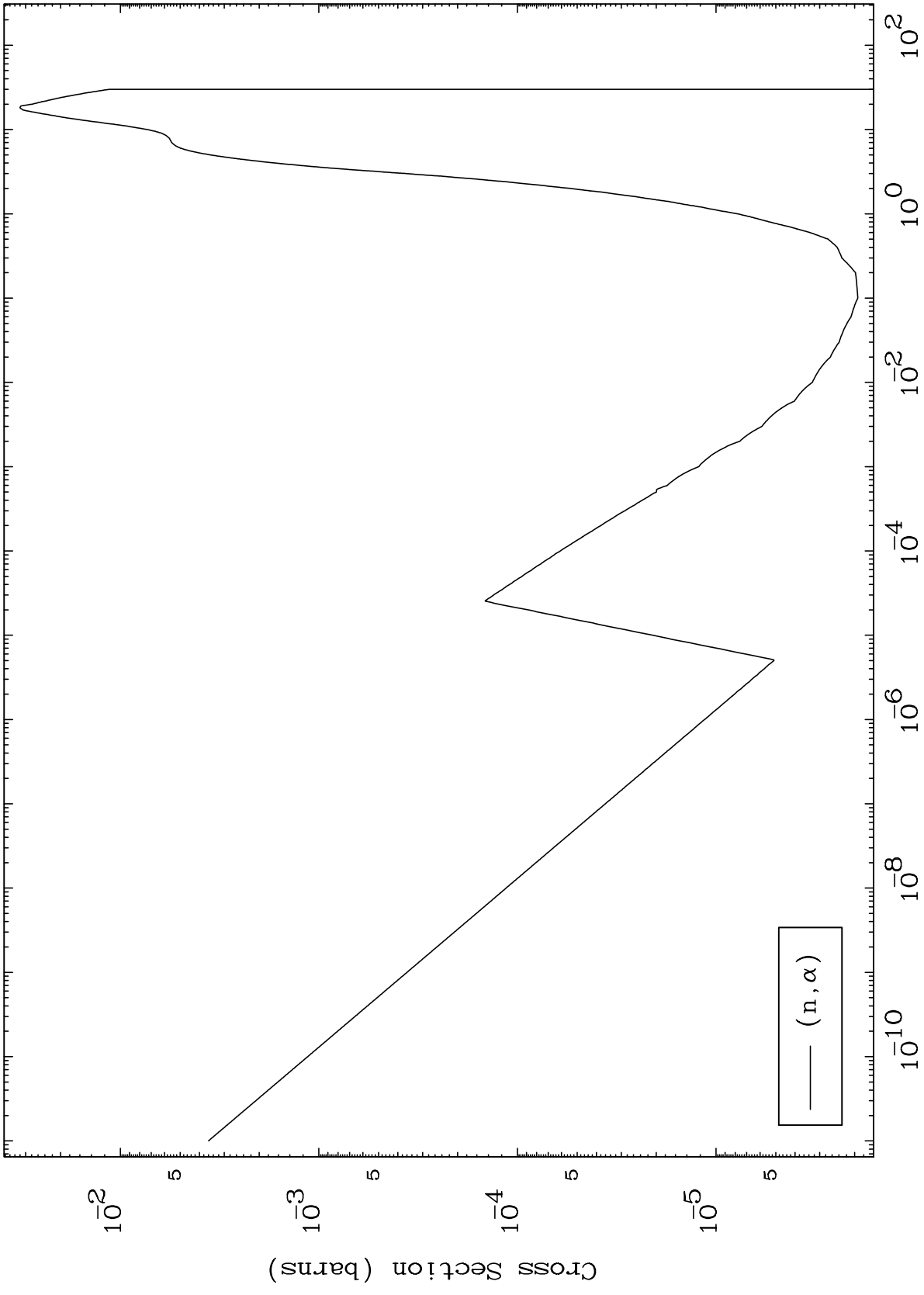
Incident Energy (MeV)

54-Xe-122

MAT 5419

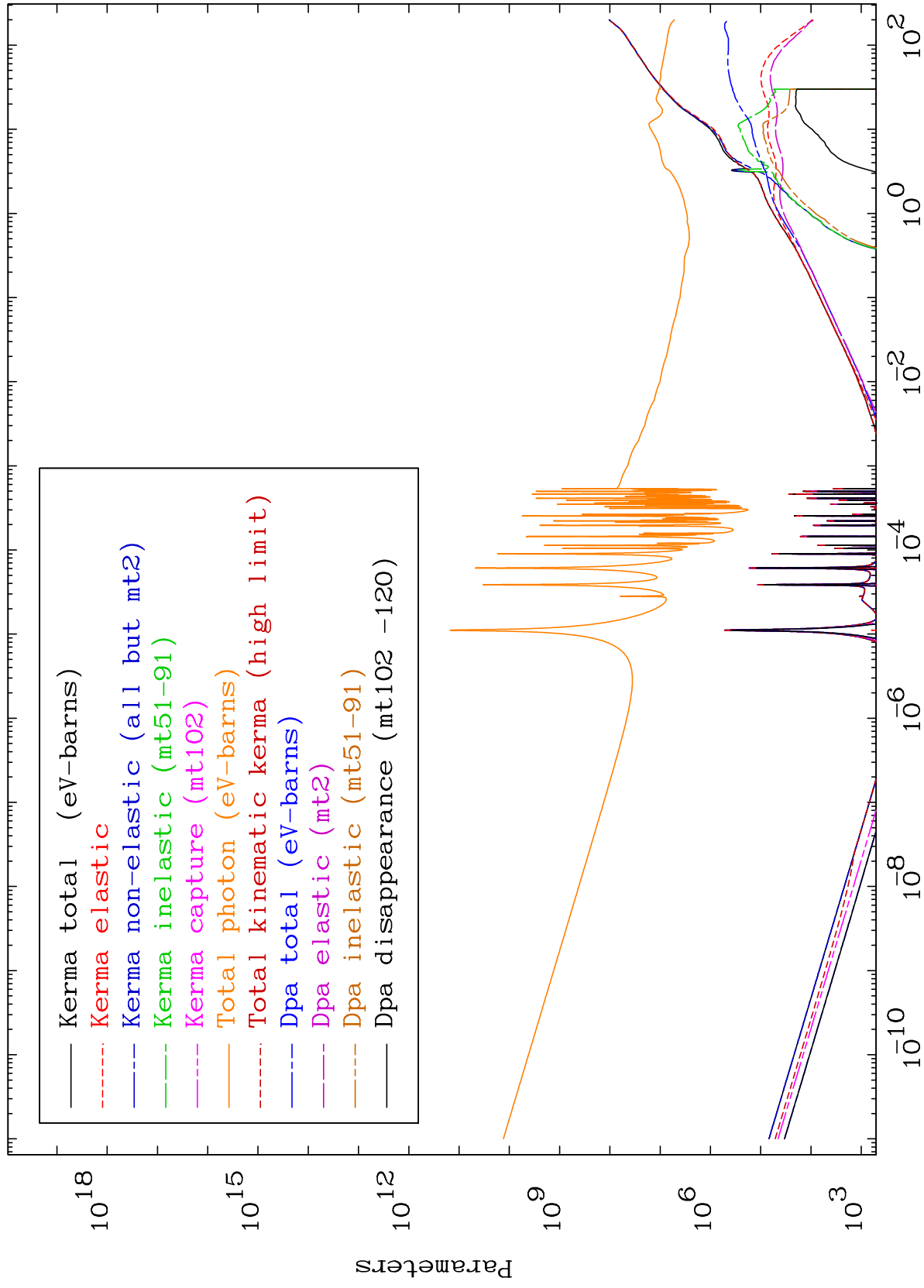
(n, α) Levels
293 Kelvin Cross Sections

54-Xe-122



— (n, α)

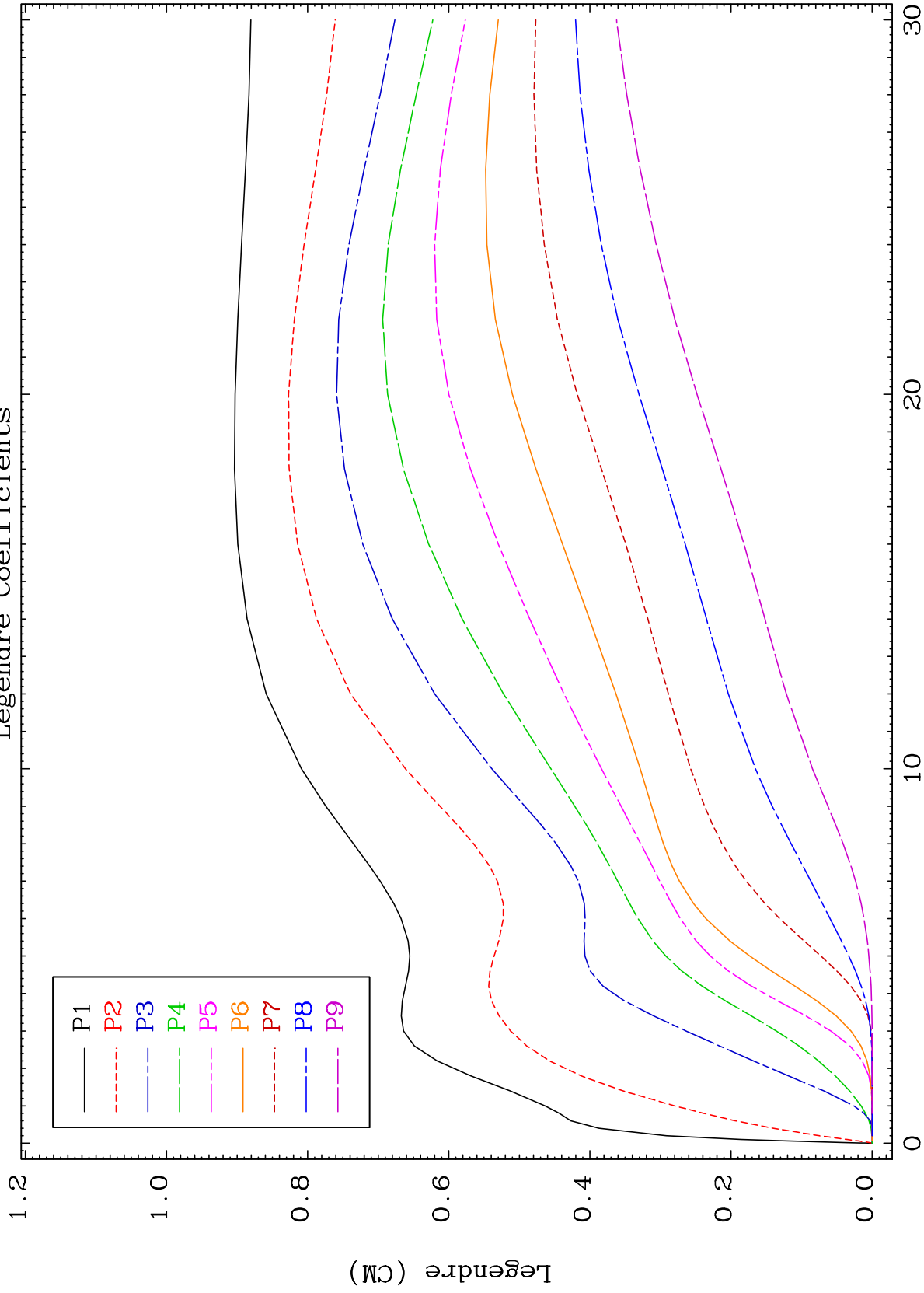
54-Xe-122



MAT 5419

Elastic Legendre Coefficients

54-Xe-122



16

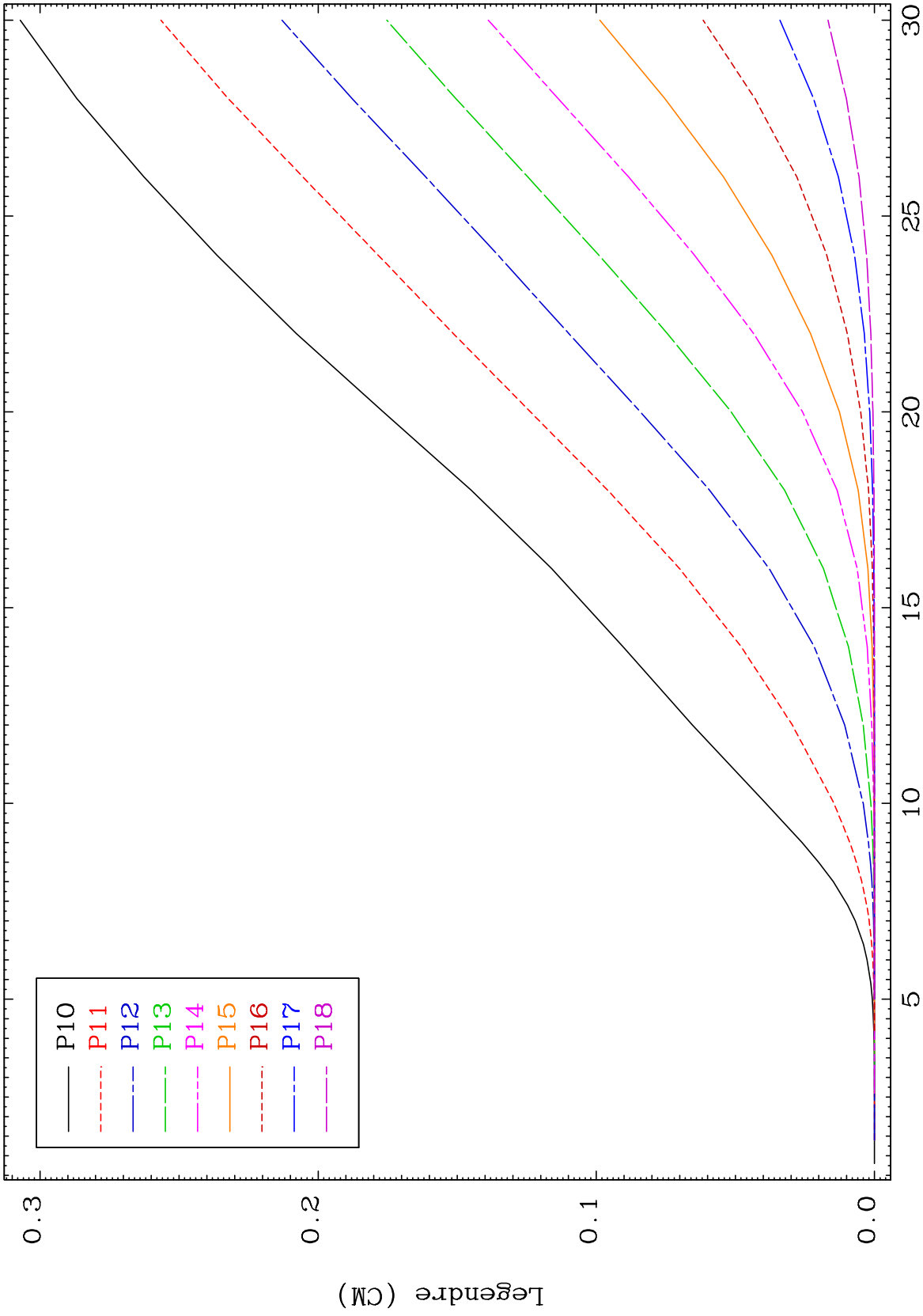
Incident Energy (MeV)

54-Xe-122

MAT 5419

Elastic Legendre Coefficients

54-Xe-122



17

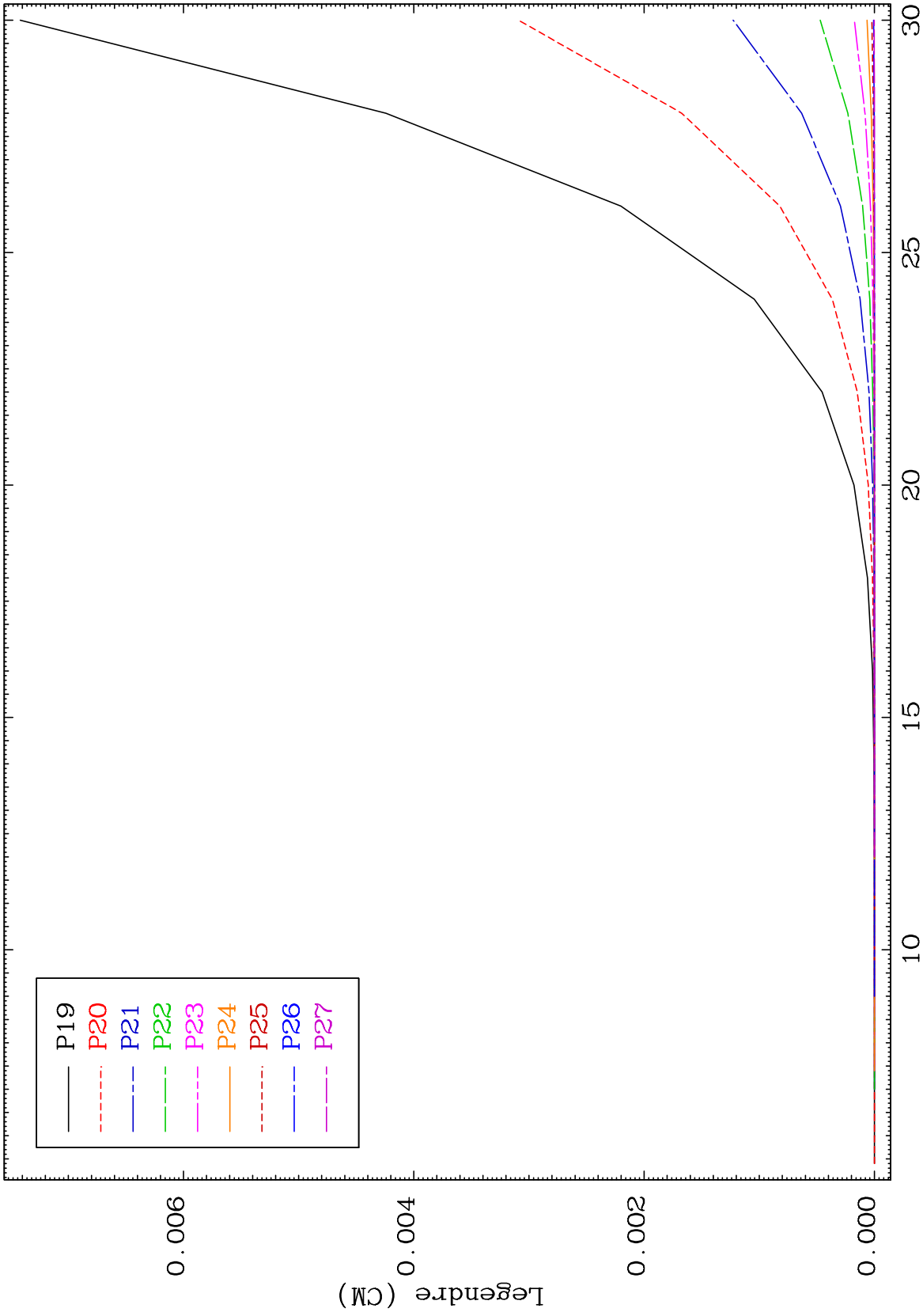
Incident Energy (MeV)

54-Xe-122

MAT 5419

Elastic Legendre Coefficients

54-Xe-122



18

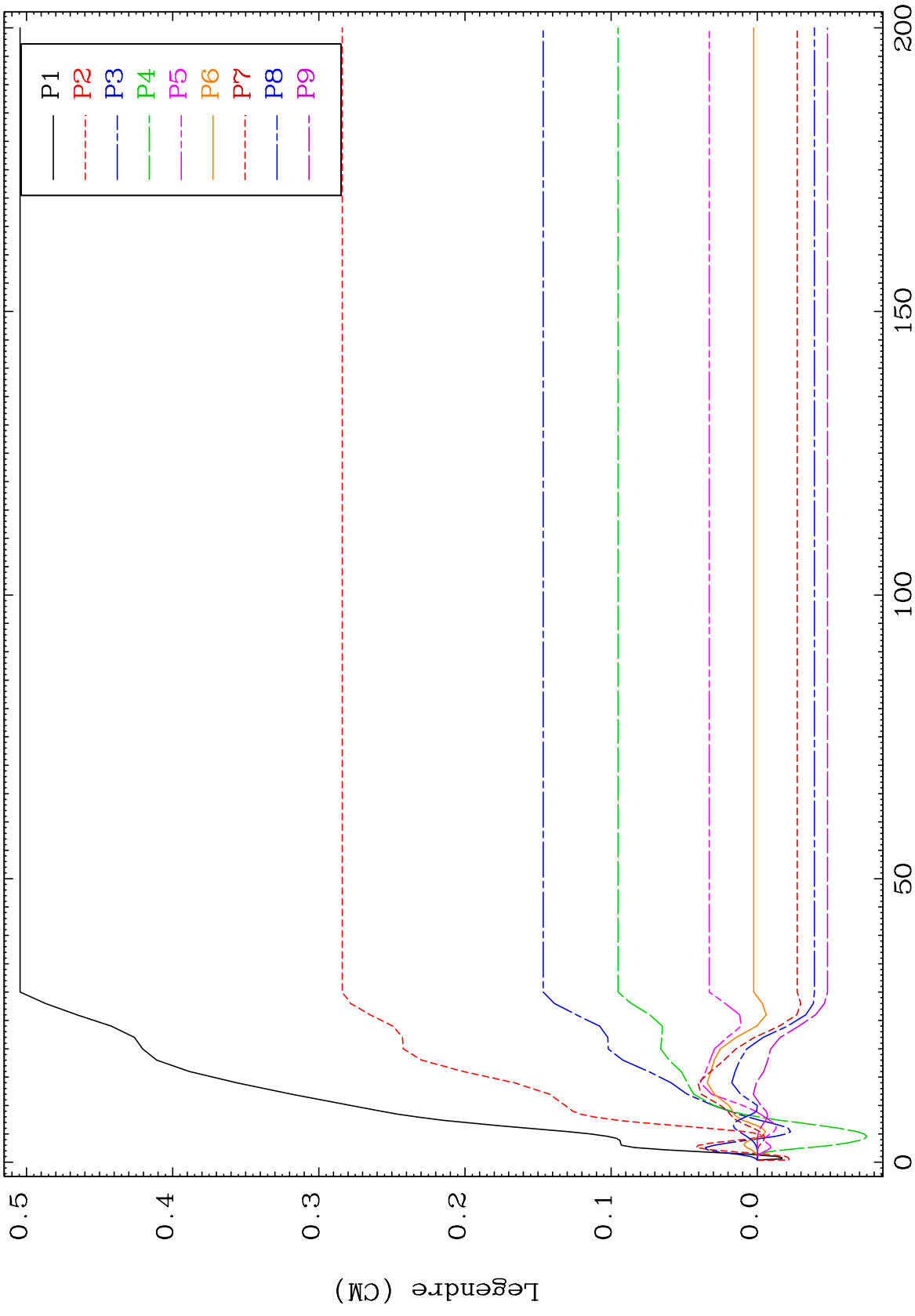
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

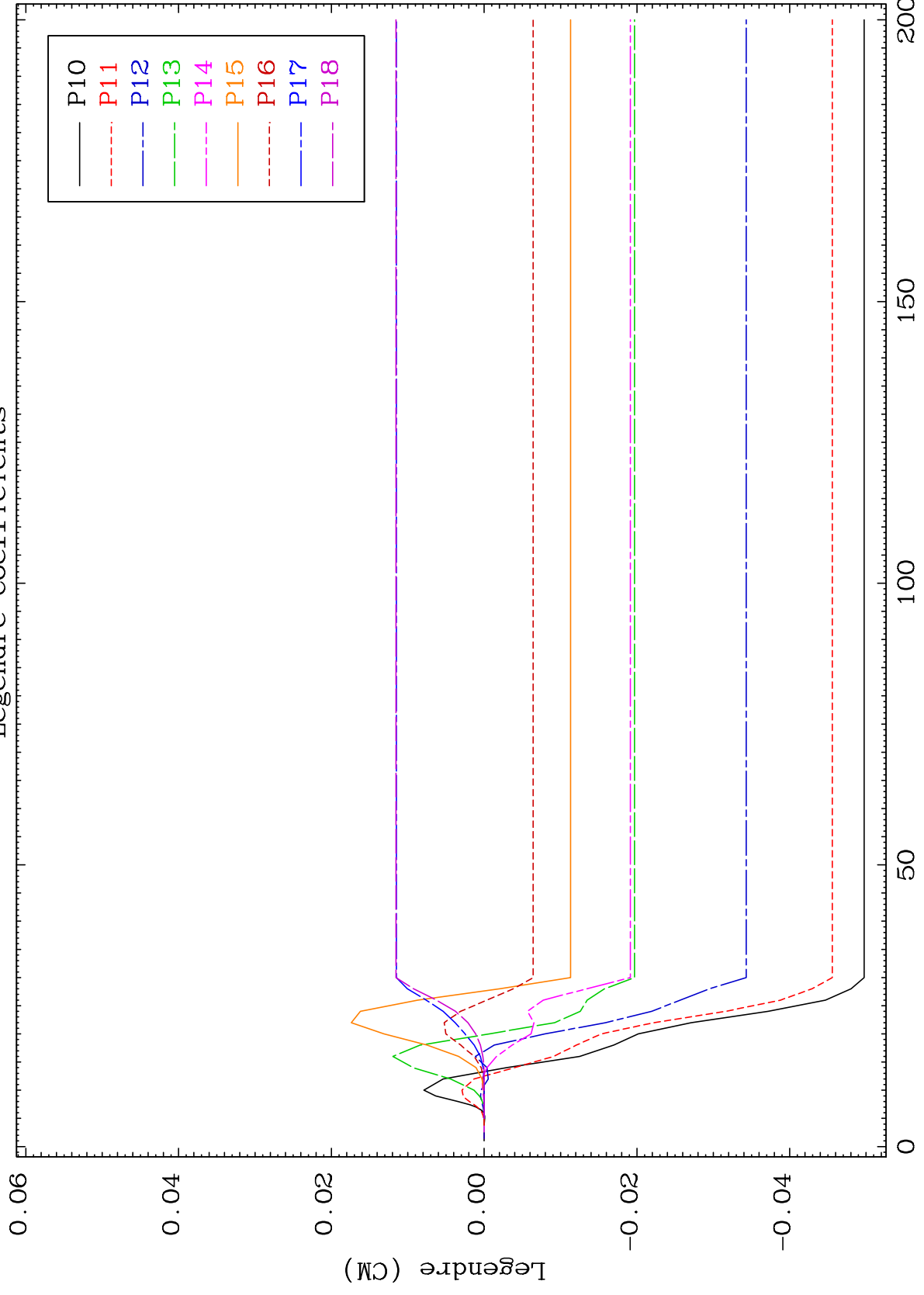
Incident Energy (MeV)

20

MAT 5419

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

54-Xe-122



21

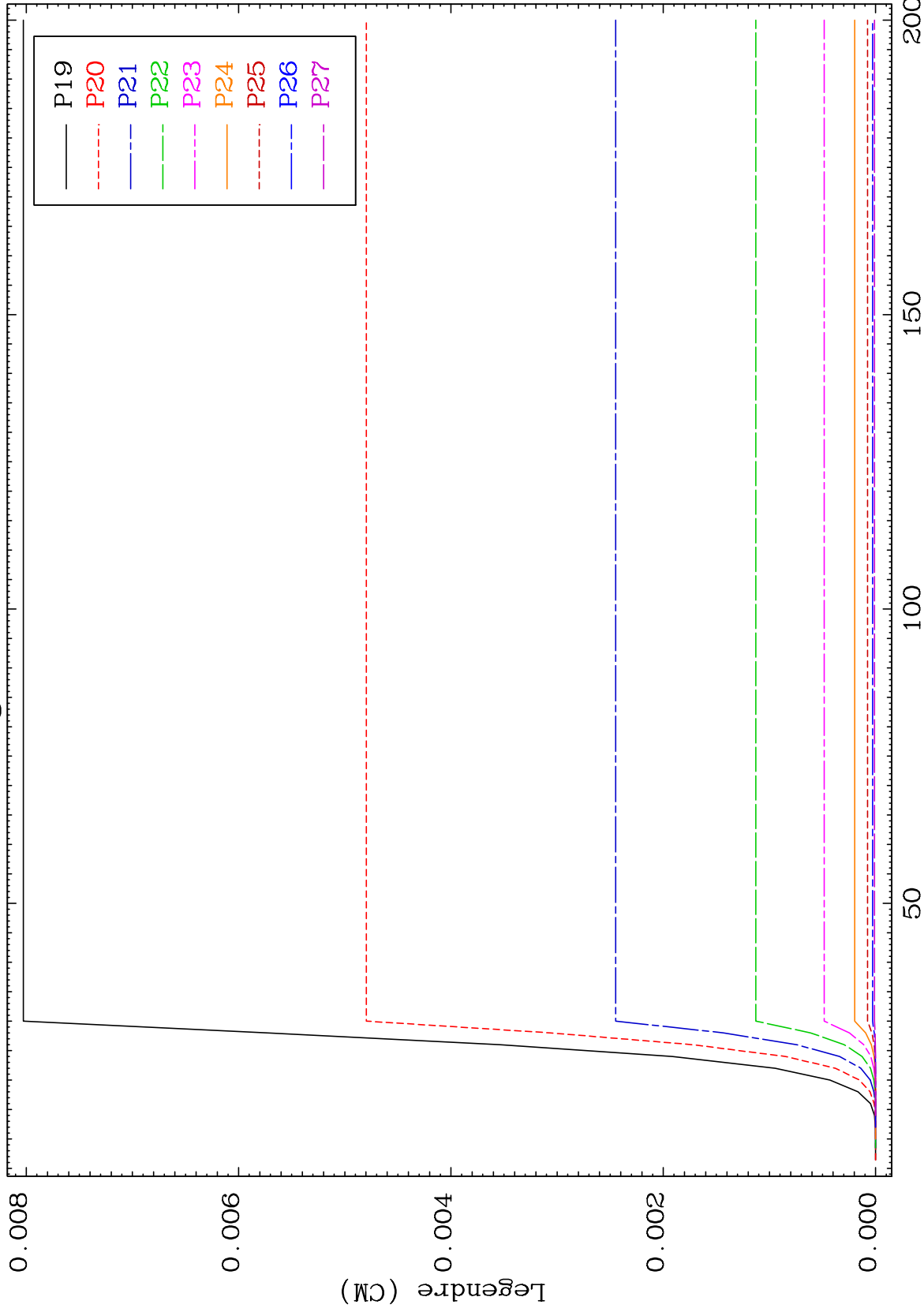
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



22

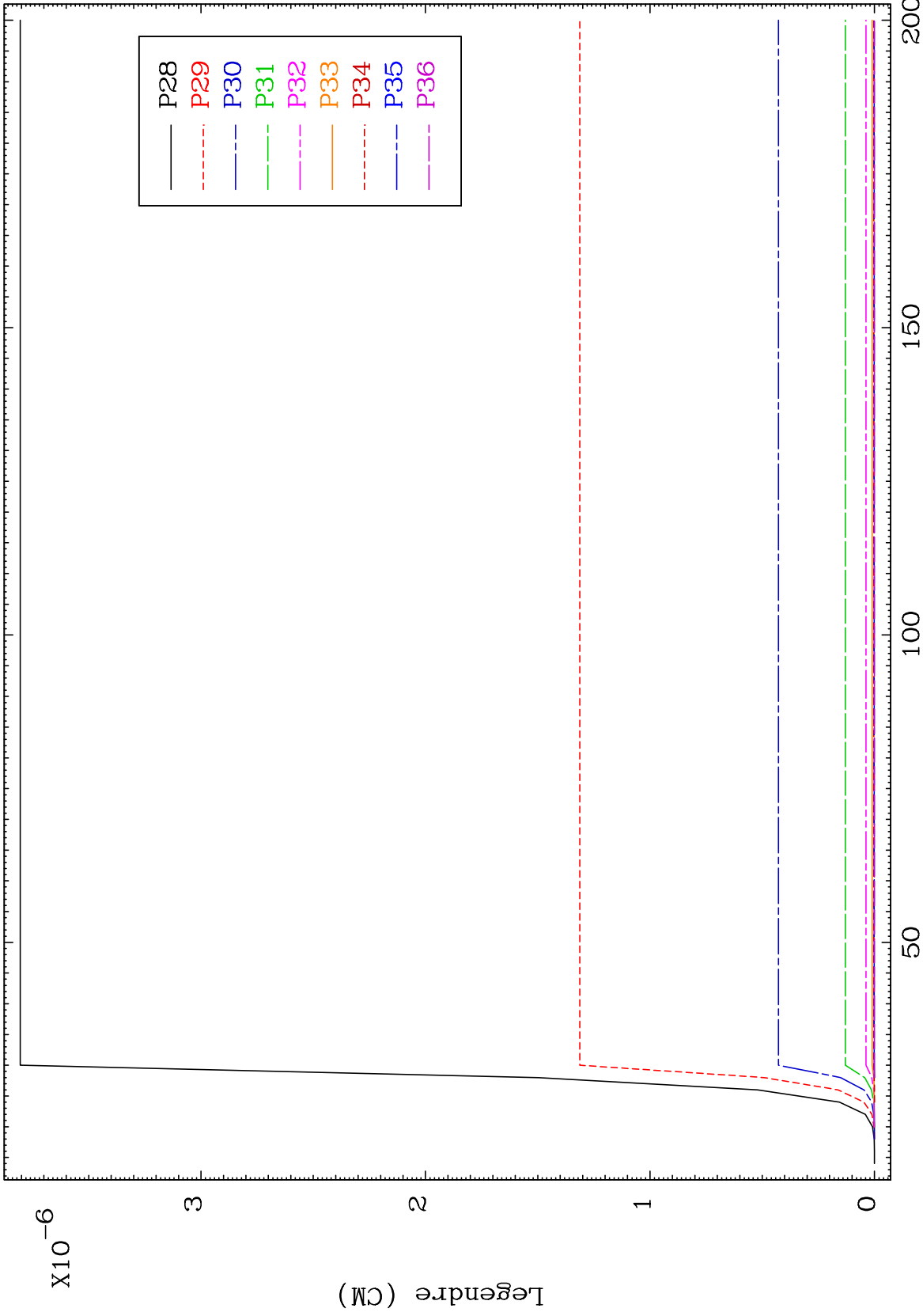
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



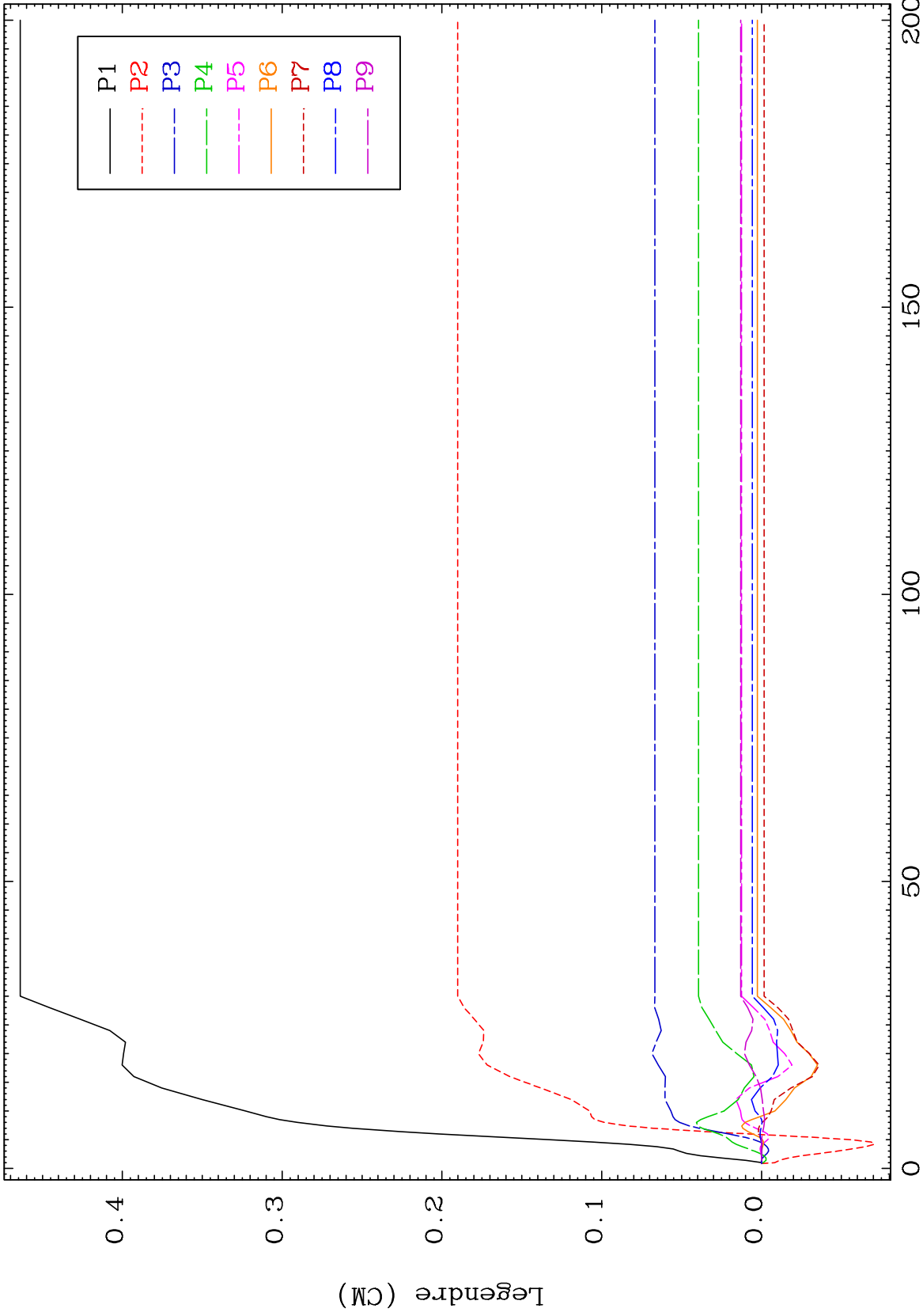
23

54-Xe-122

MAT 5419

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

54-Xe-122



24

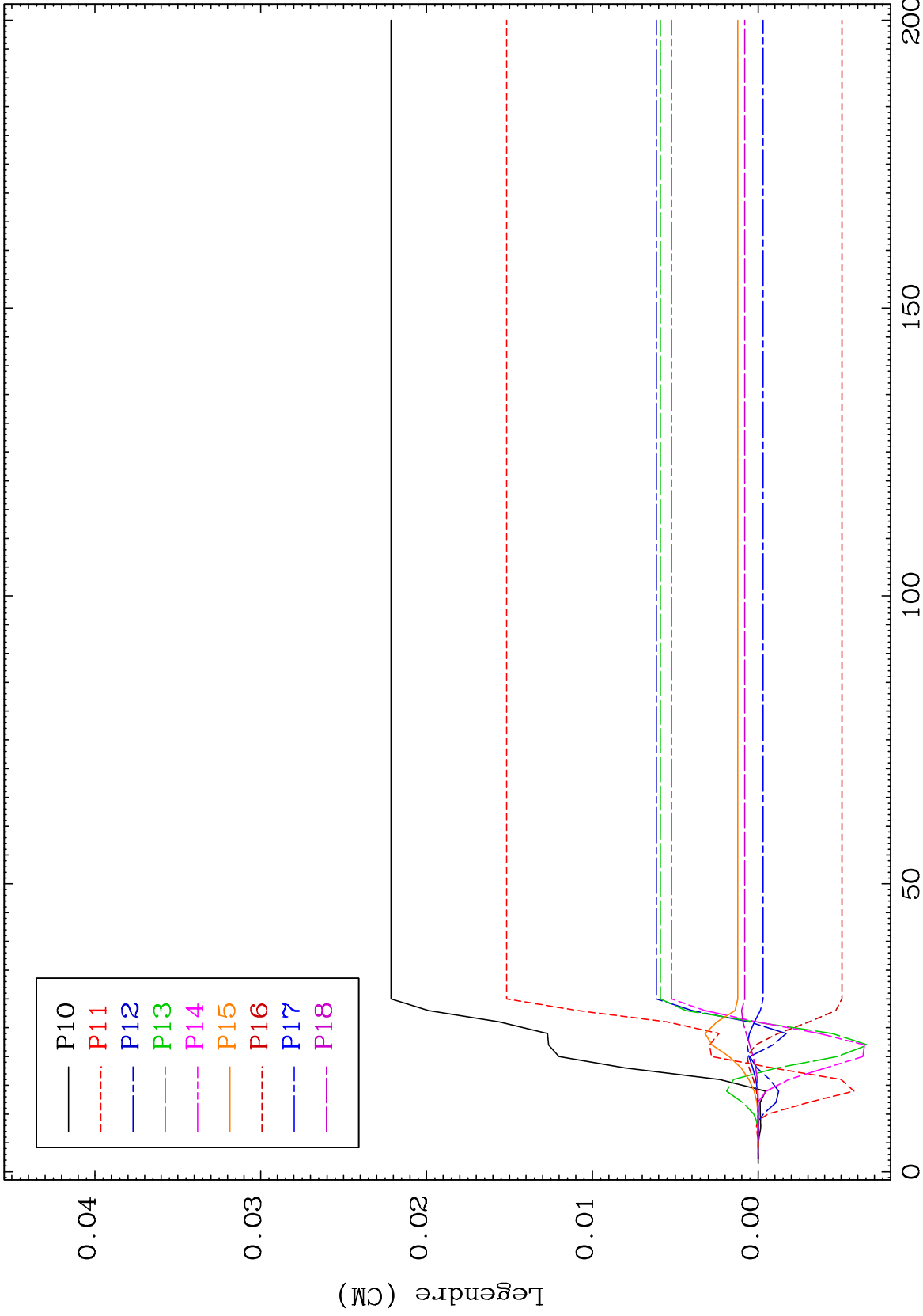
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



25

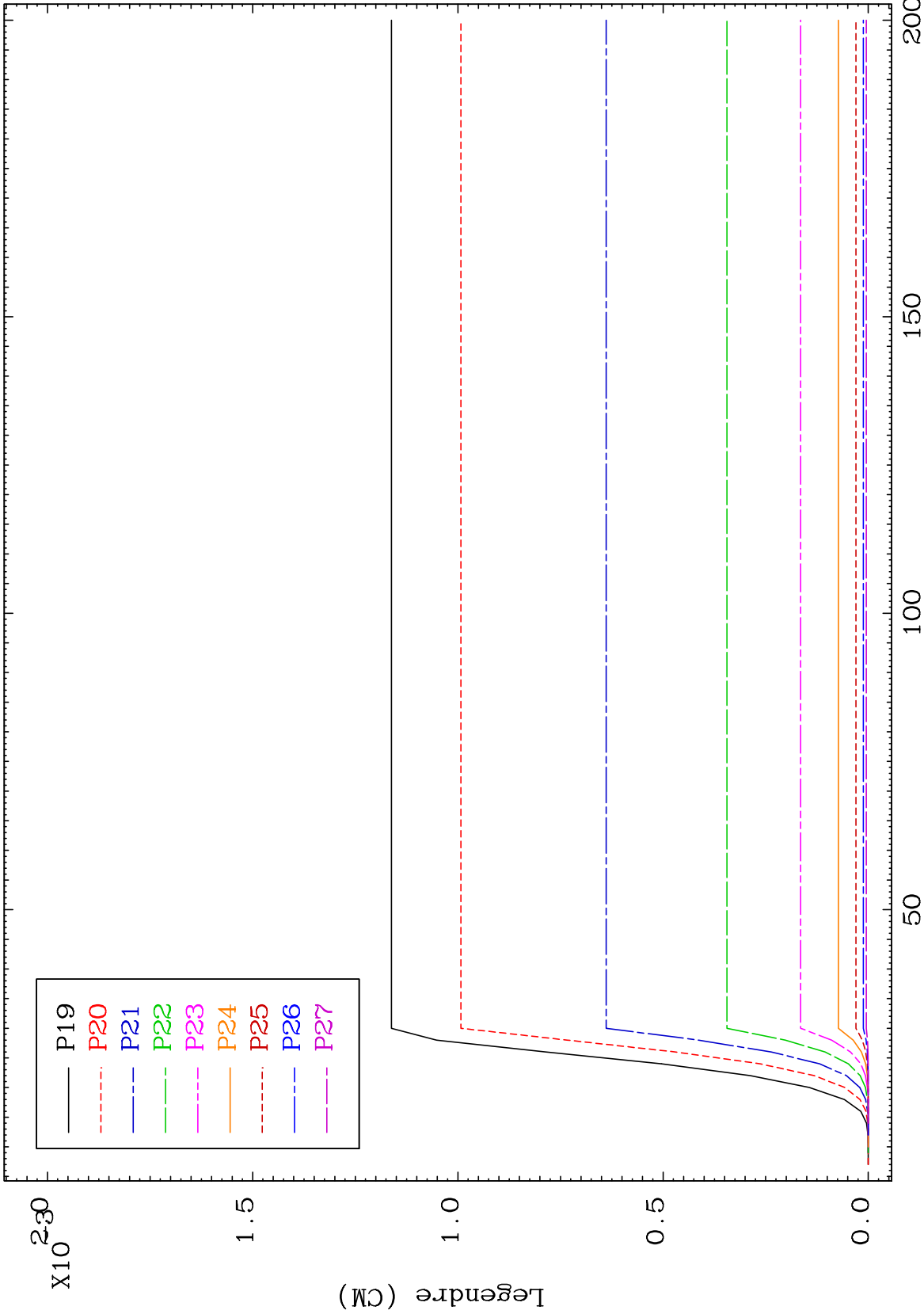
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



26

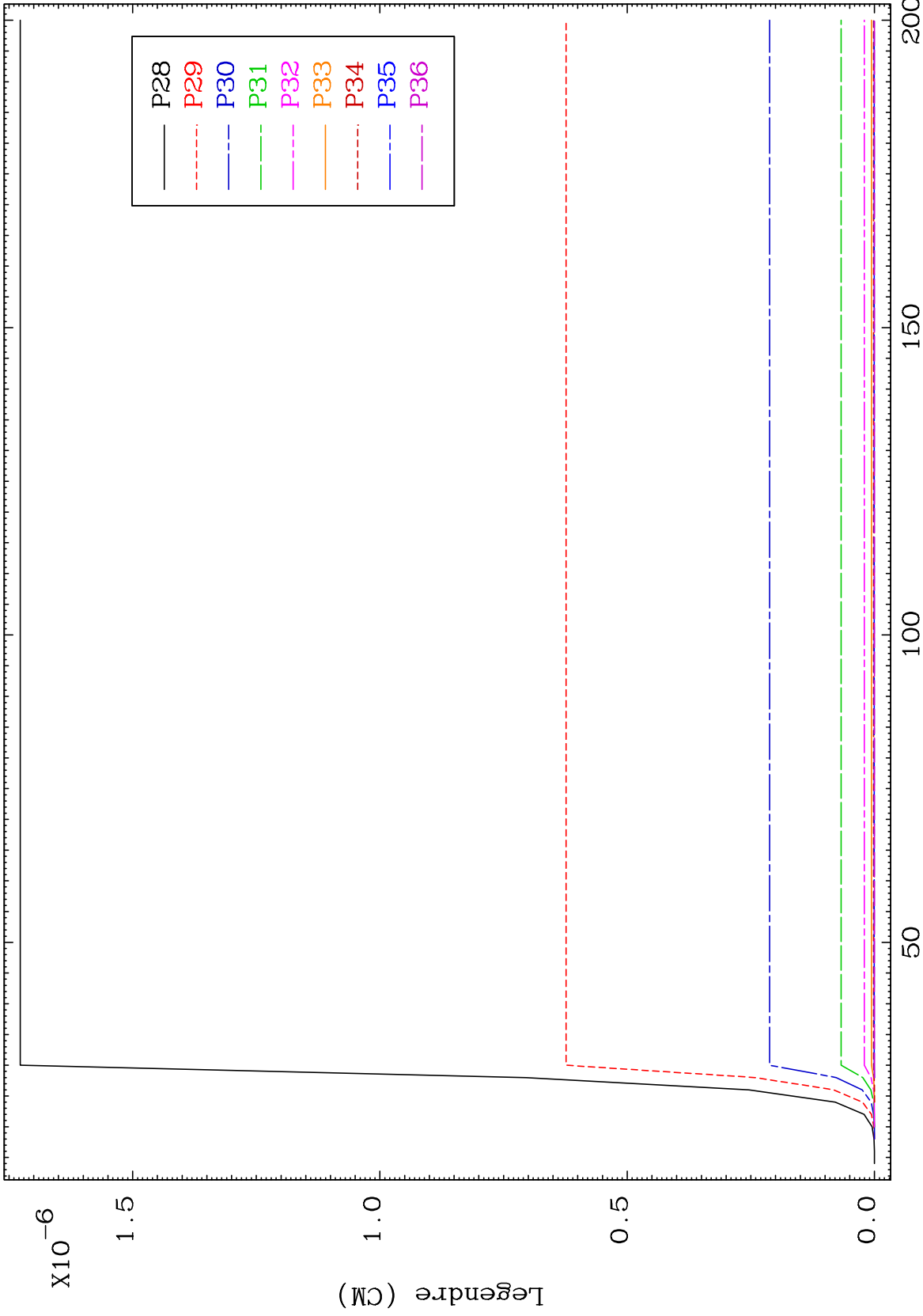
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



27

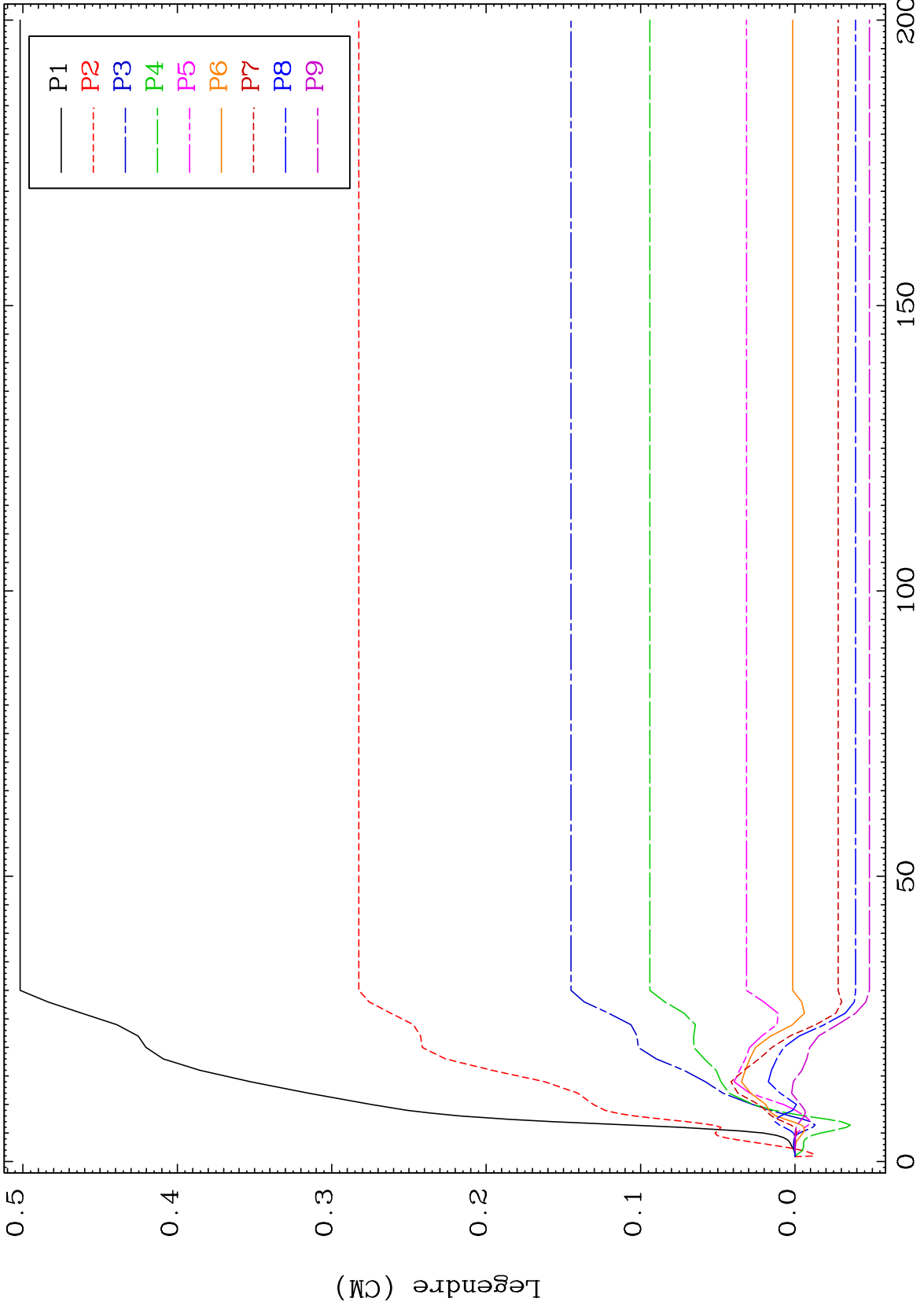
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



28

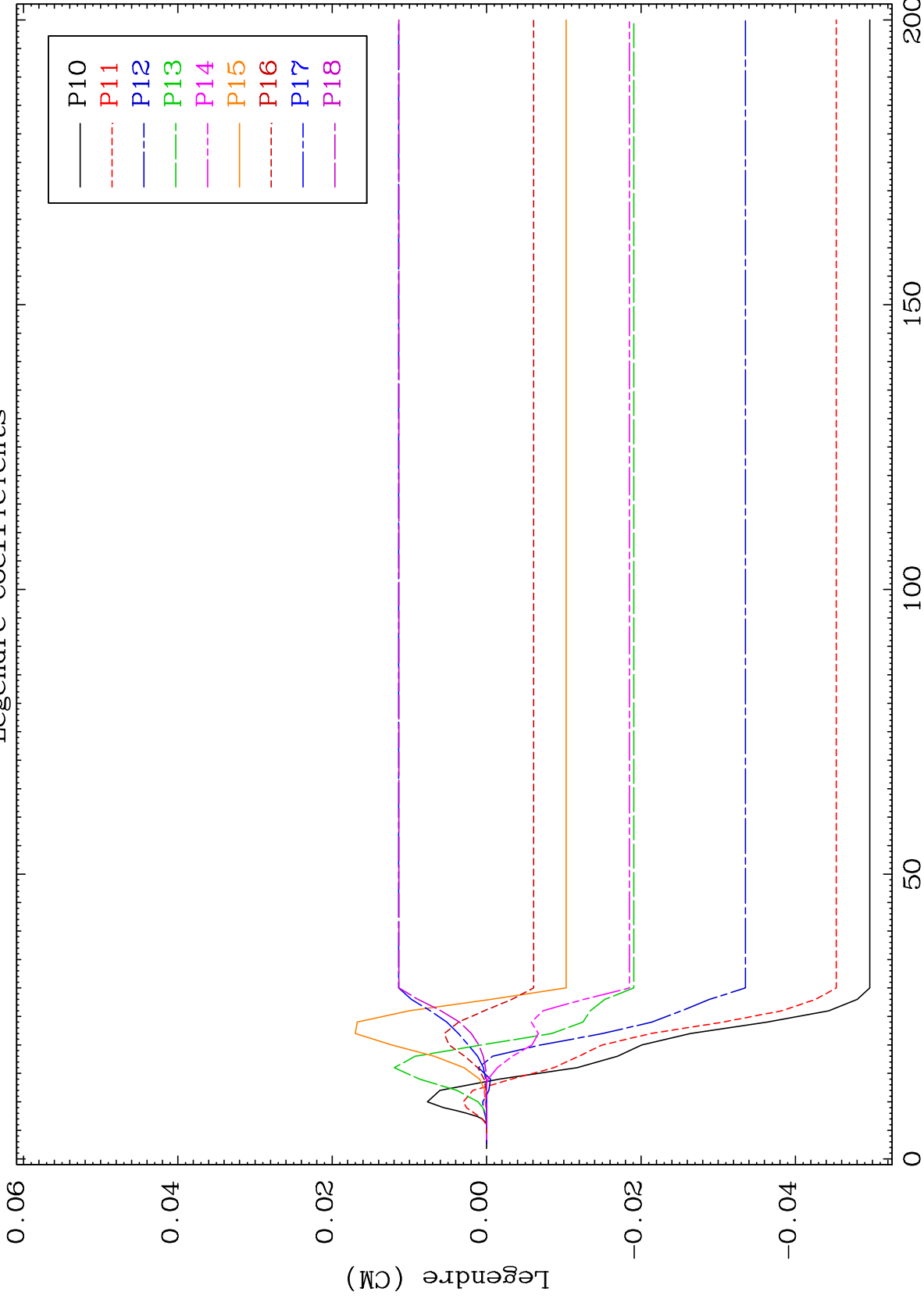
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



29

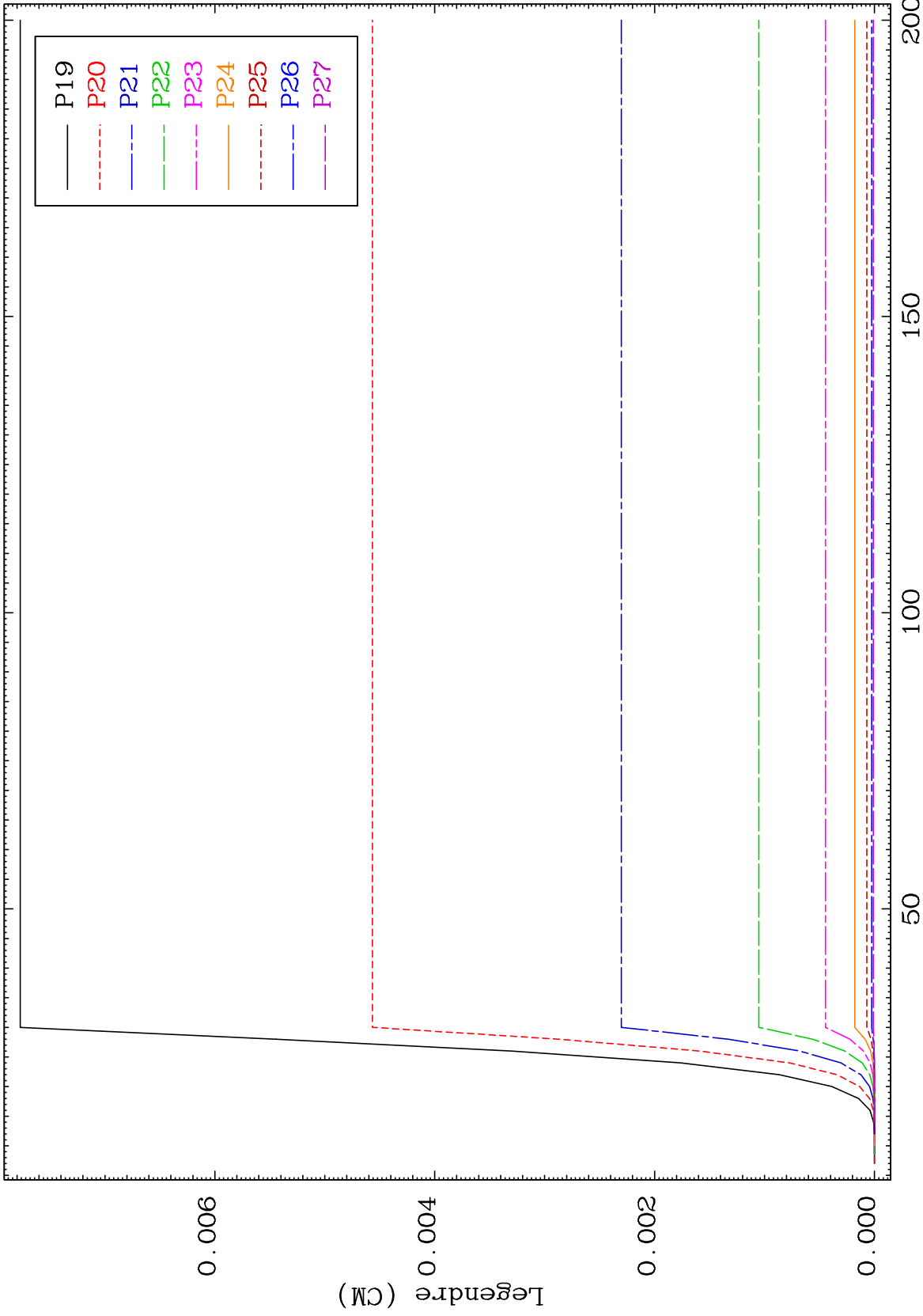
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



30

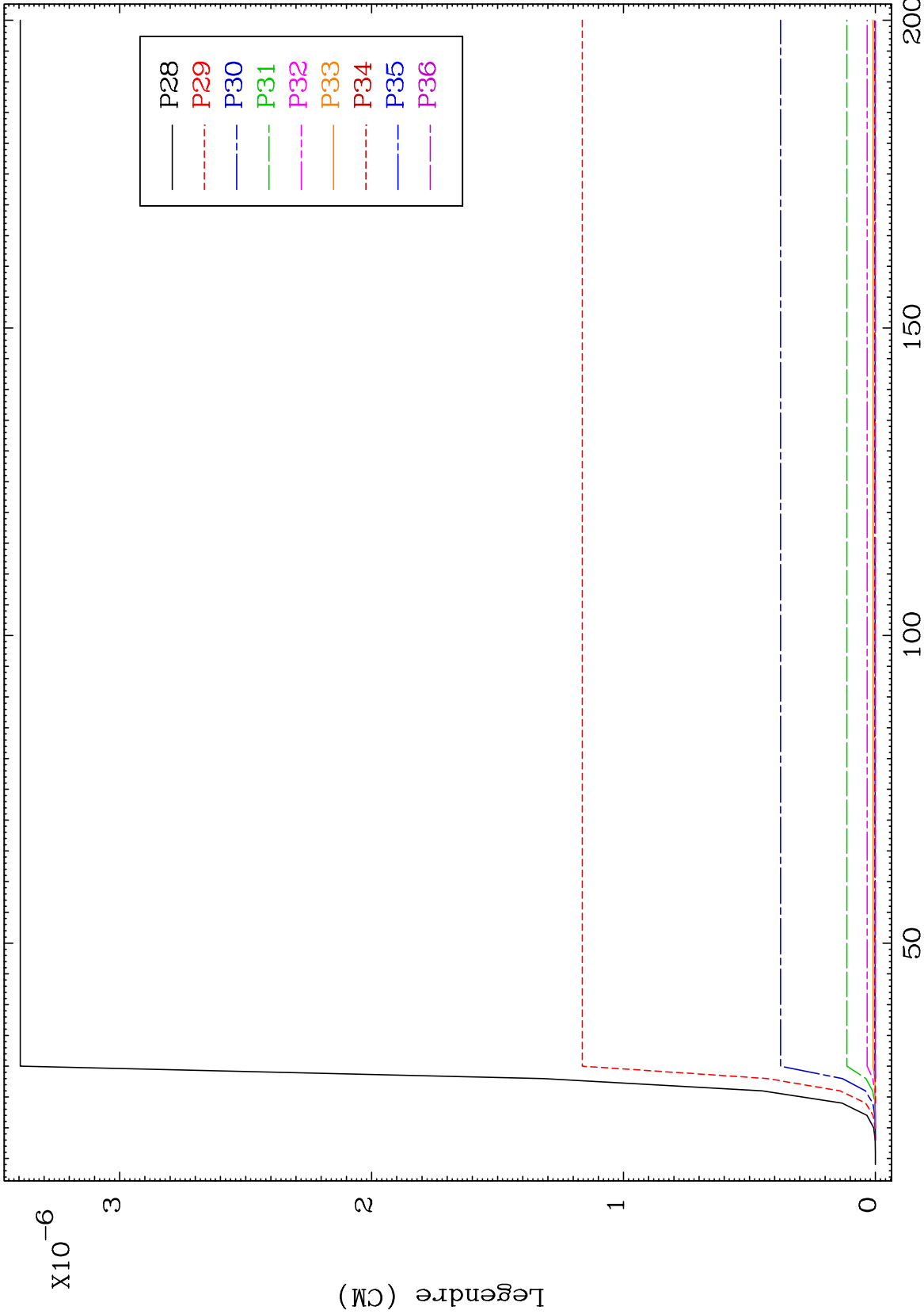
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



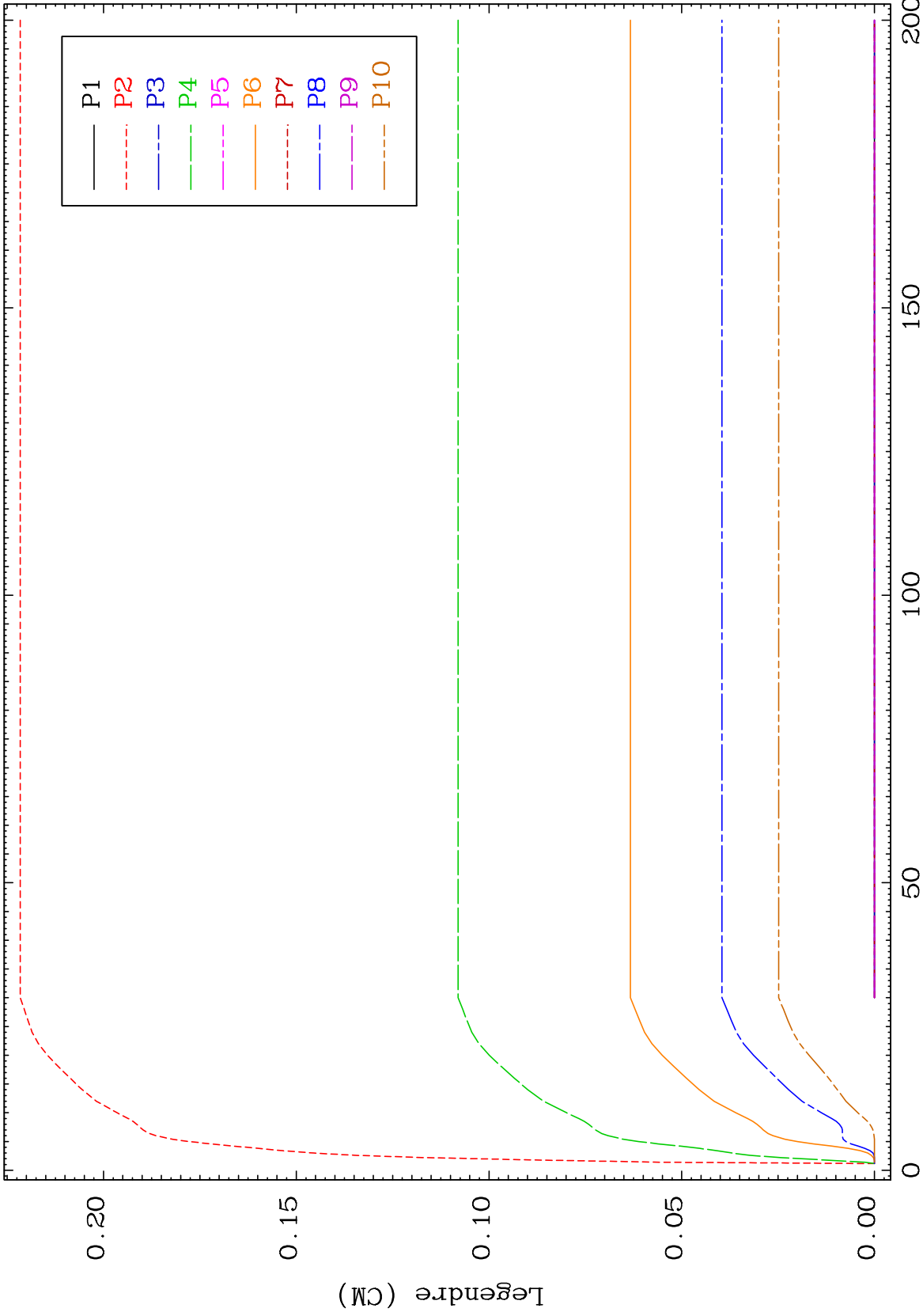
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54-Xe-122

MAT 5419

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

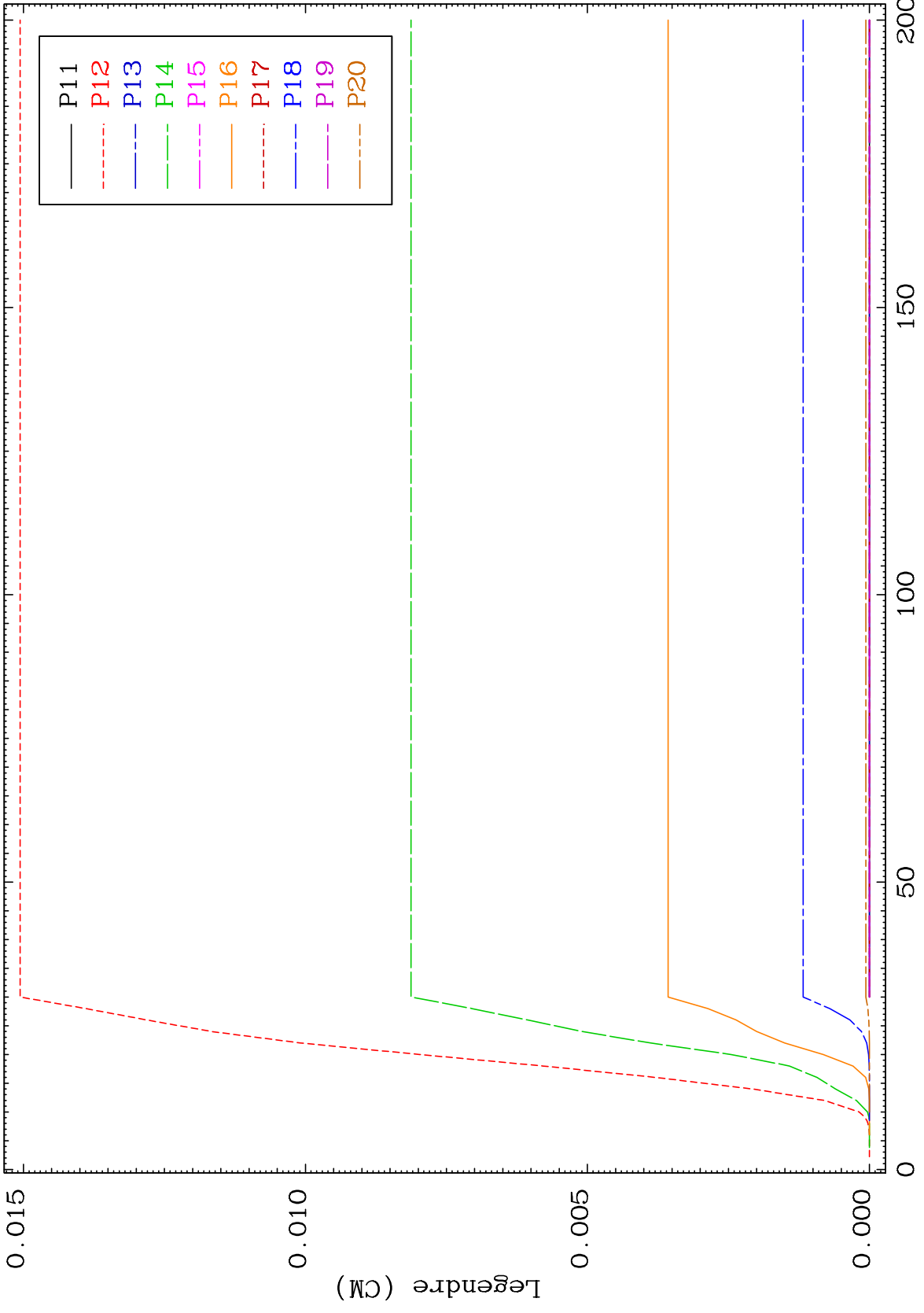
54-Xe-122



32

54-Xe-122

MAT 5419 MT= 54 (n,n') Level Legendre Coefficients 54-Xe-122

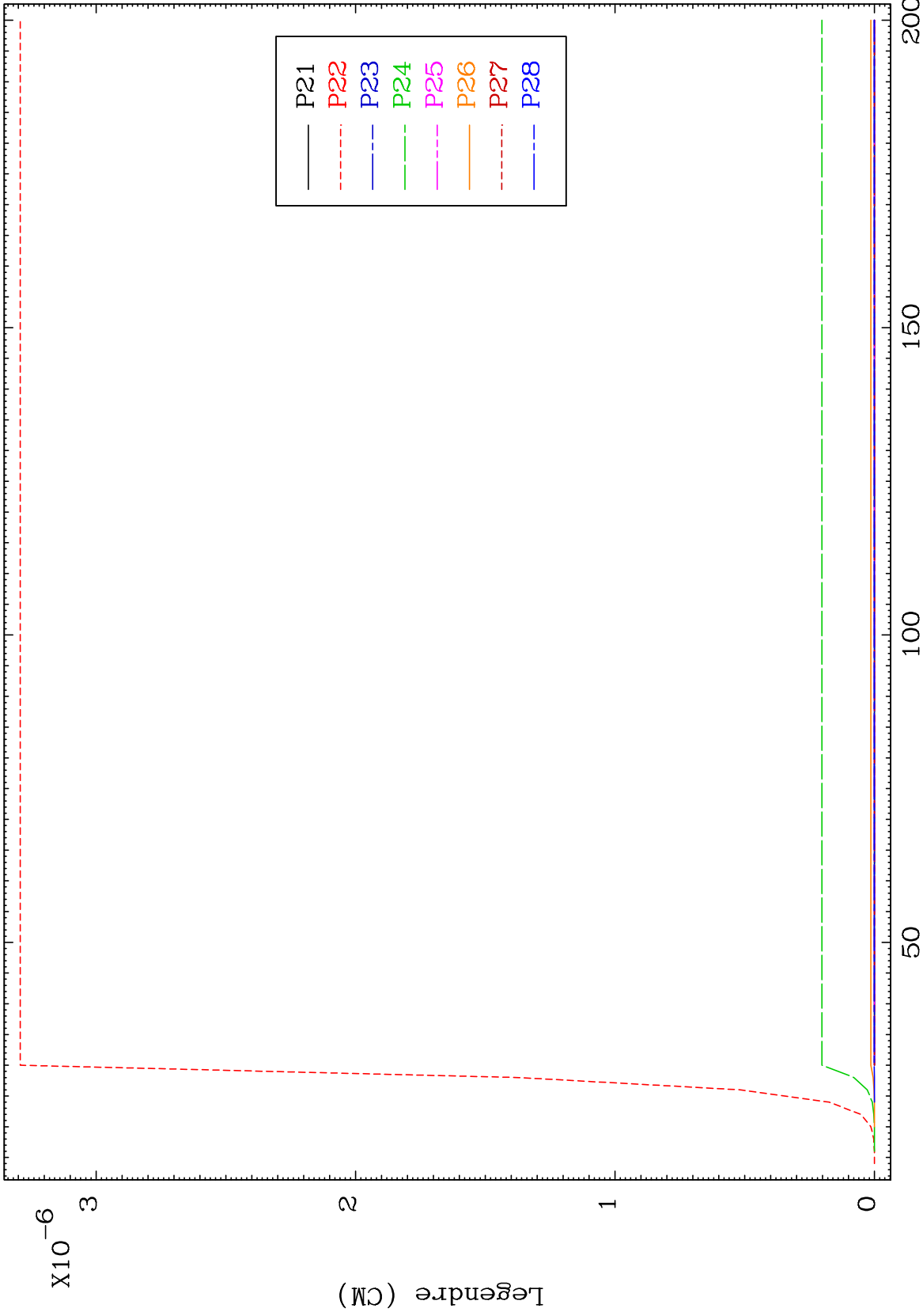


33 54-Xe-122

MAT 5419

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

54-Xe-122

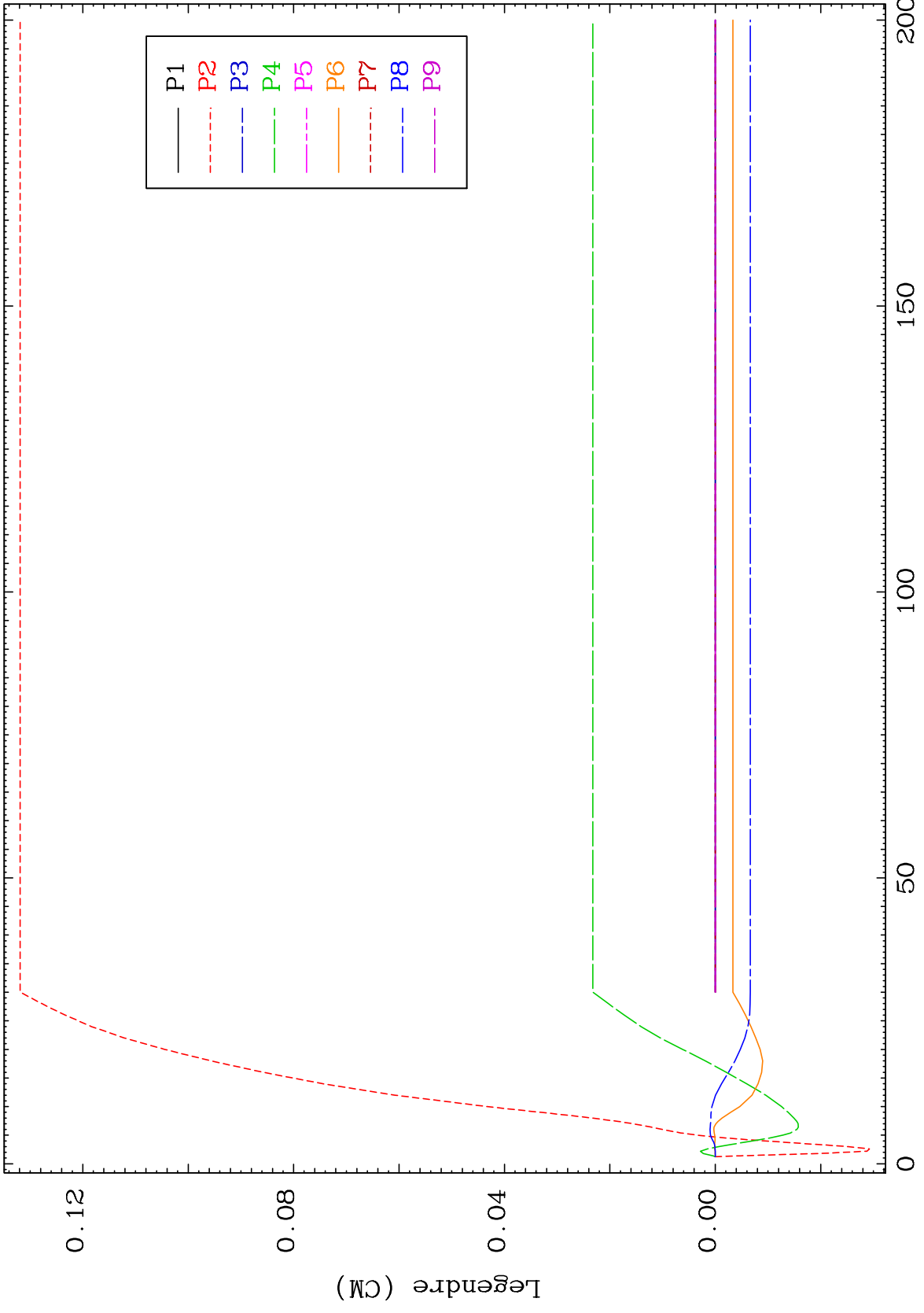


34

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 55 (n,n') Level Legendre Coefficients 54-Xe-122

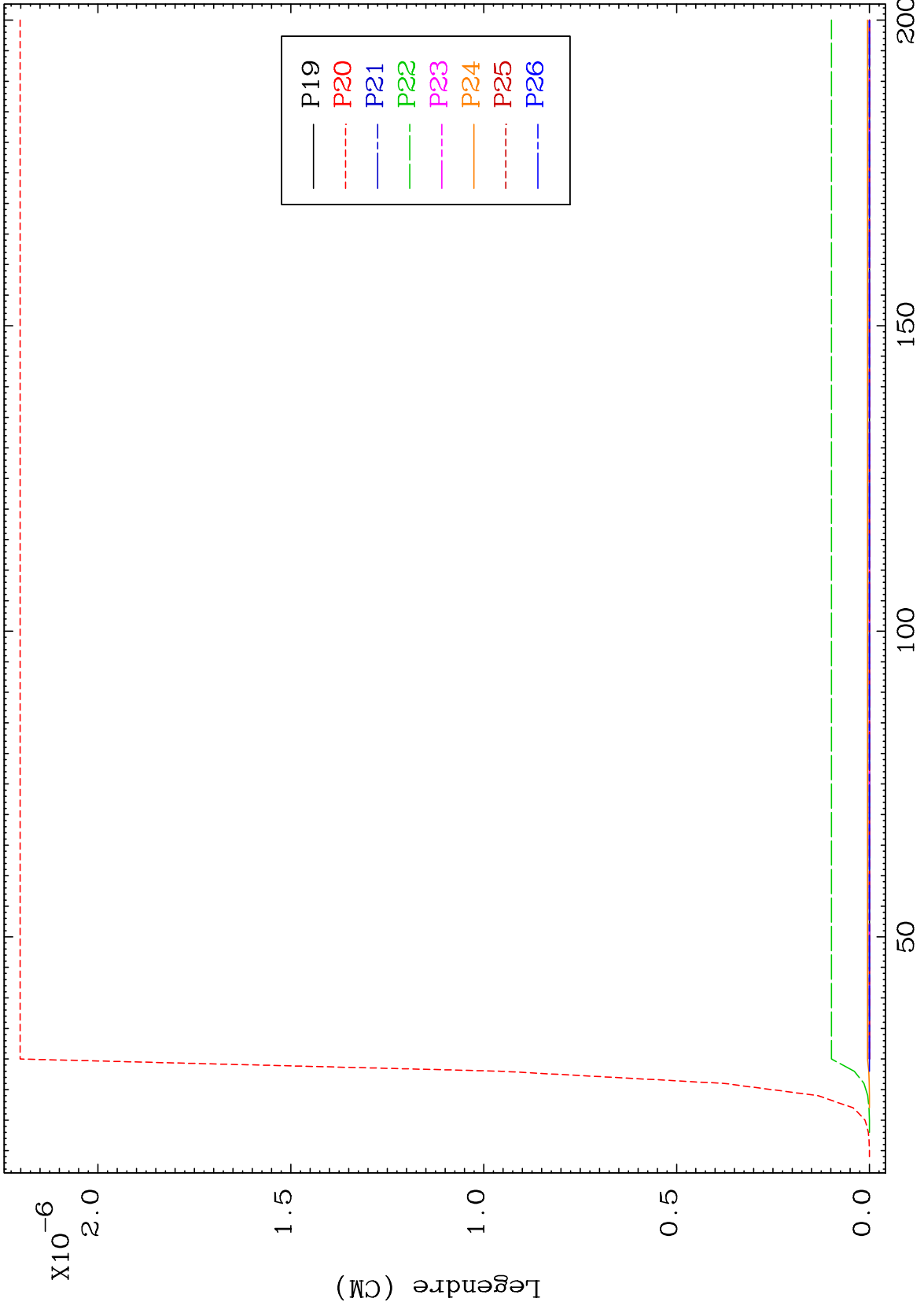


54-Xe-122

MAT 5419

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

54-Xe-122



37

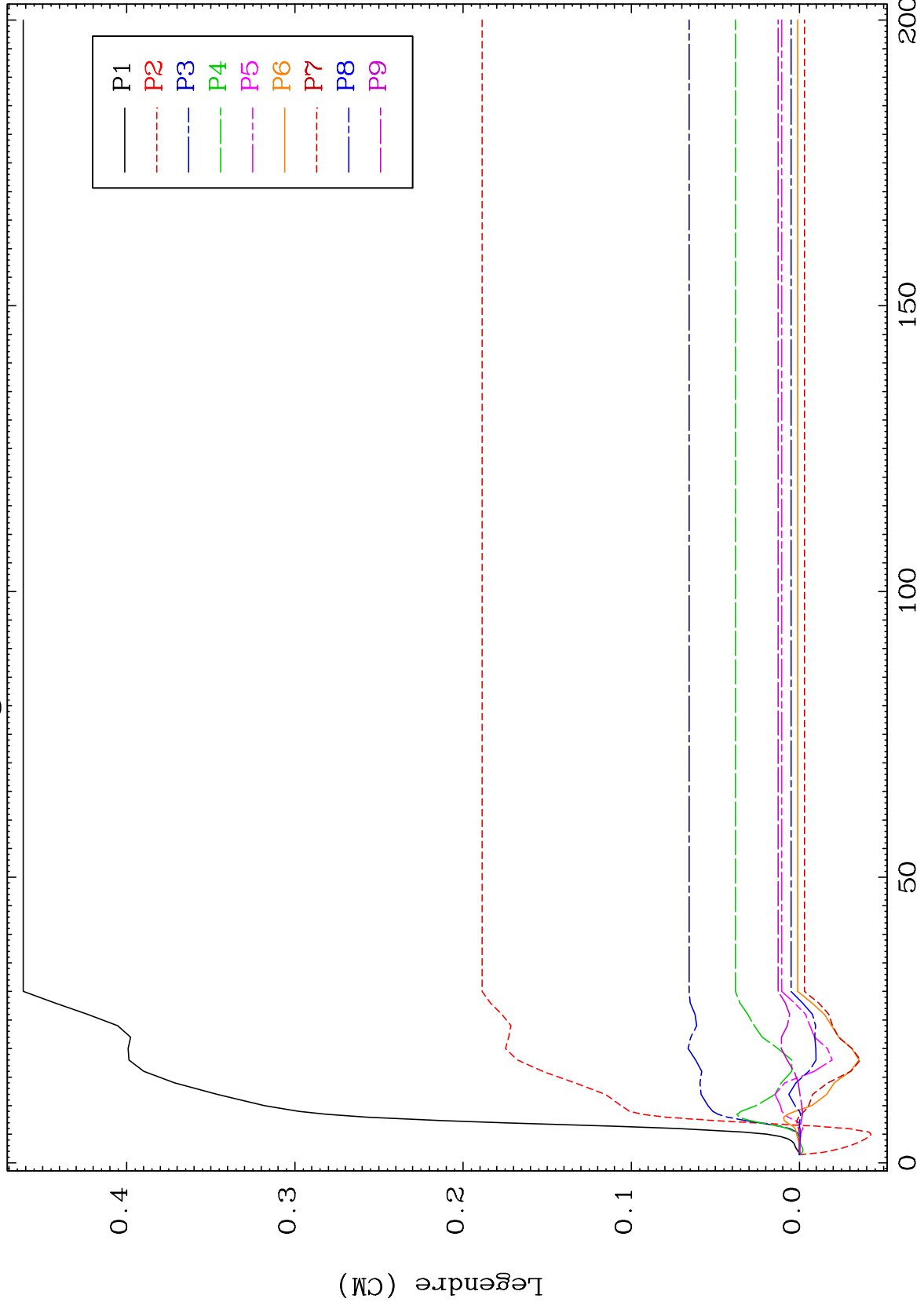
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



38

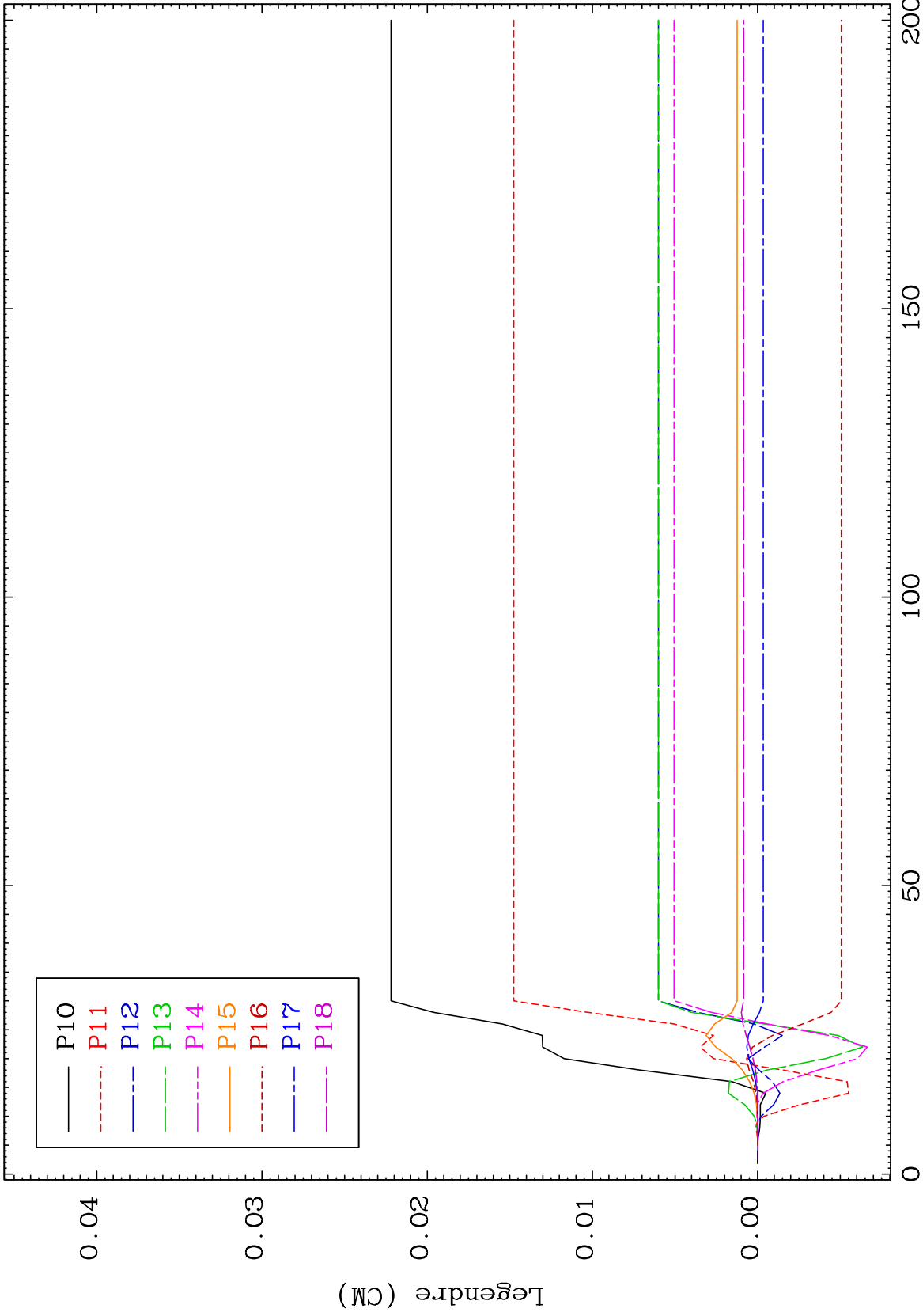
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



39

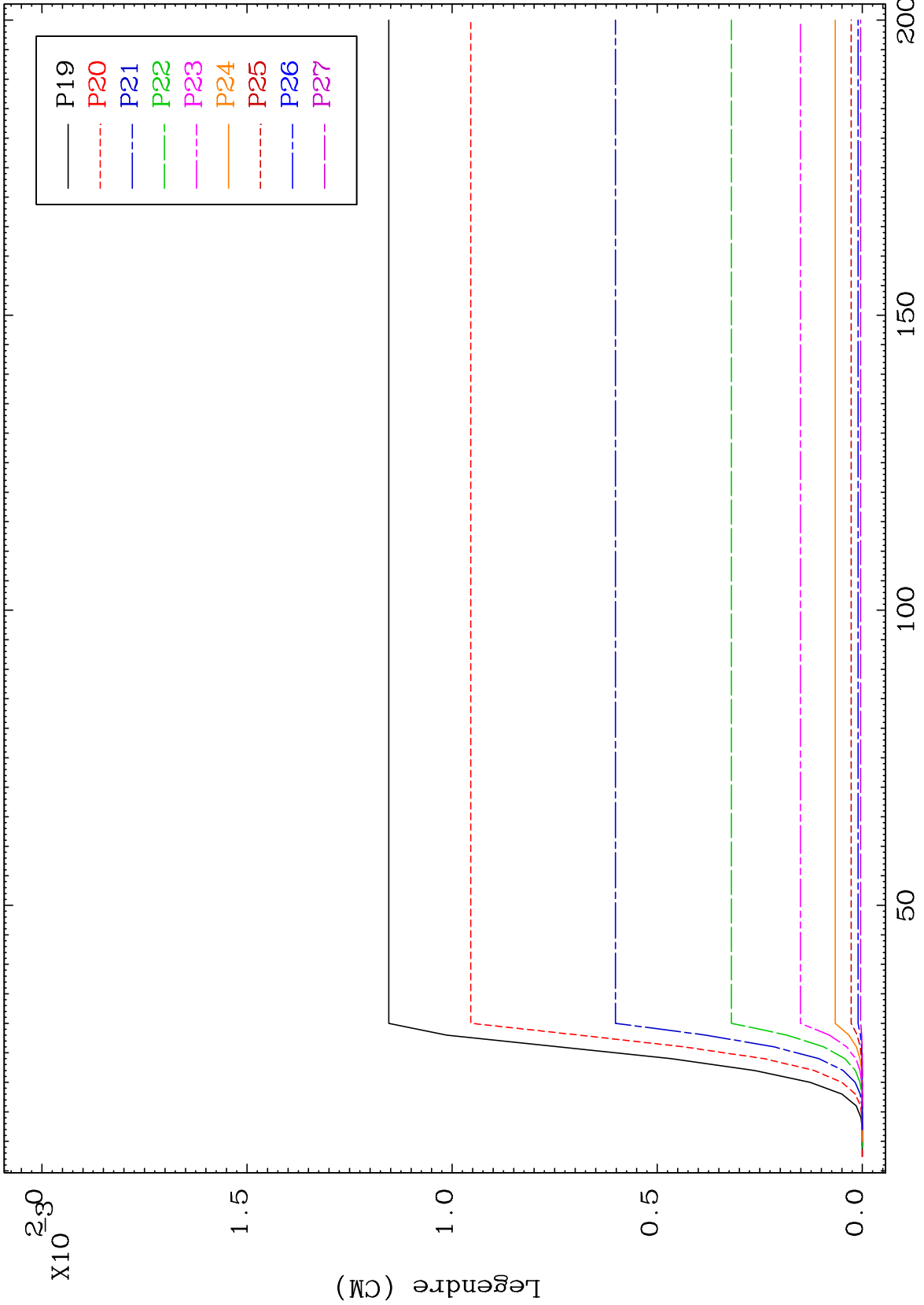
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



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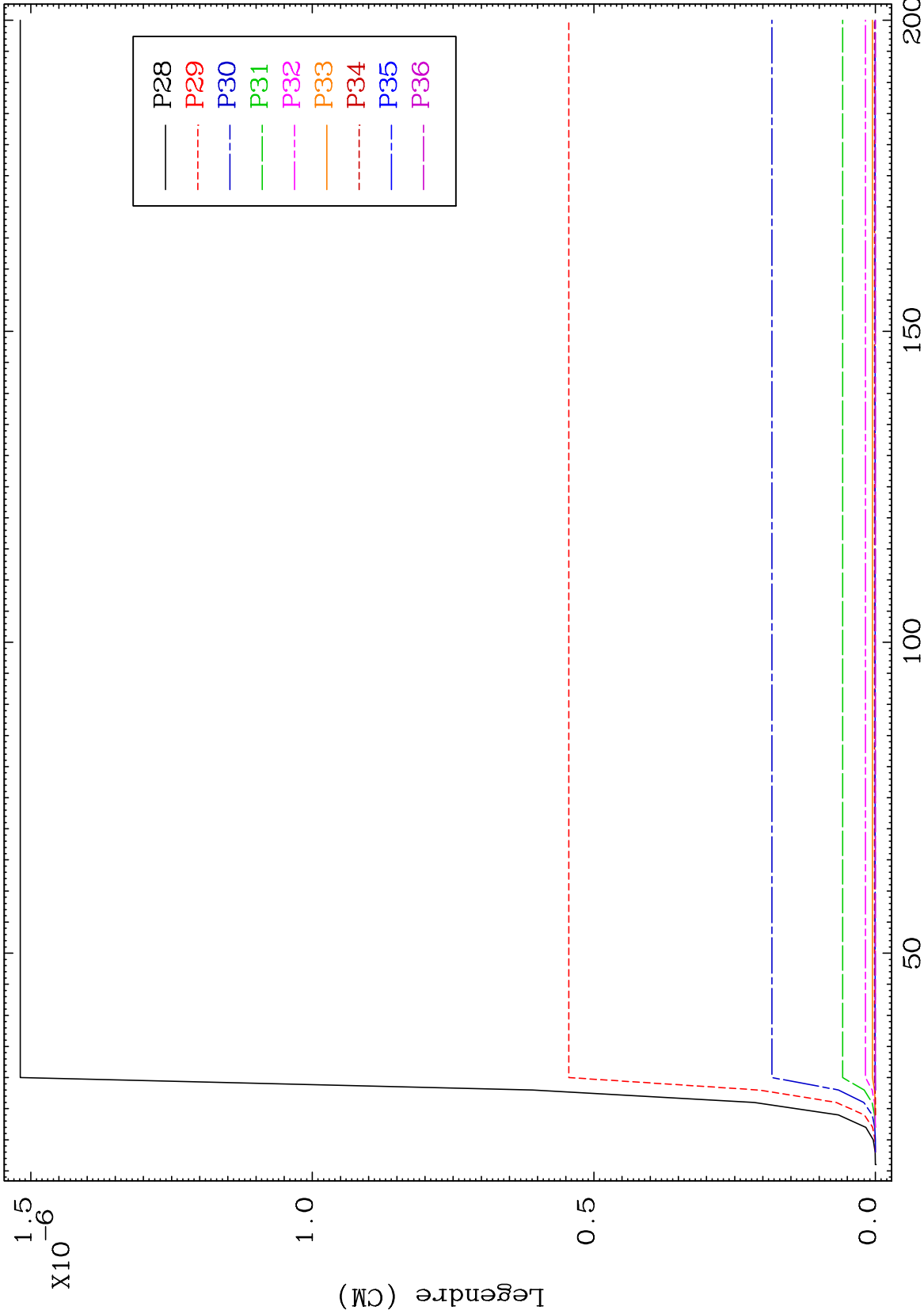
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



41

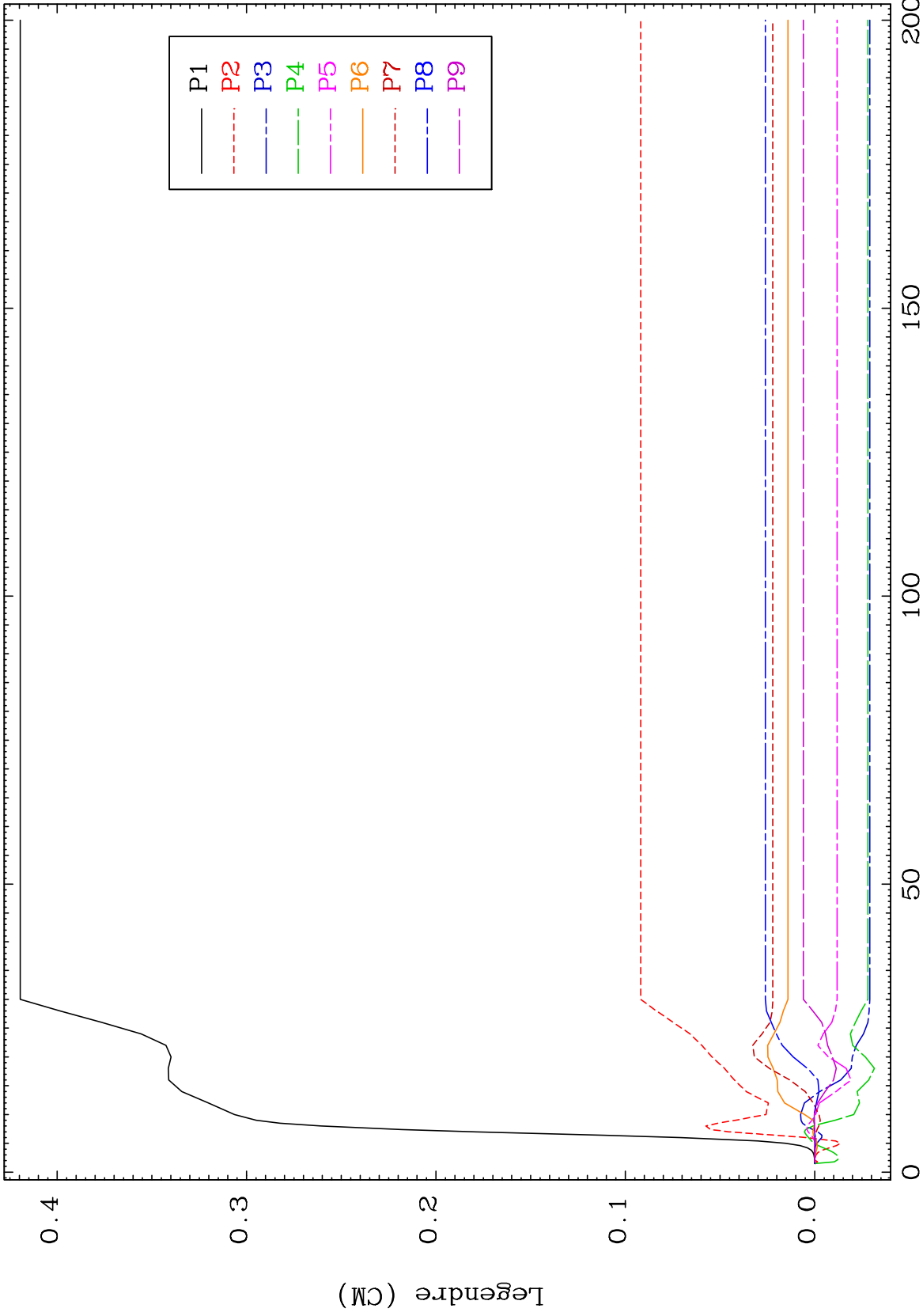
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

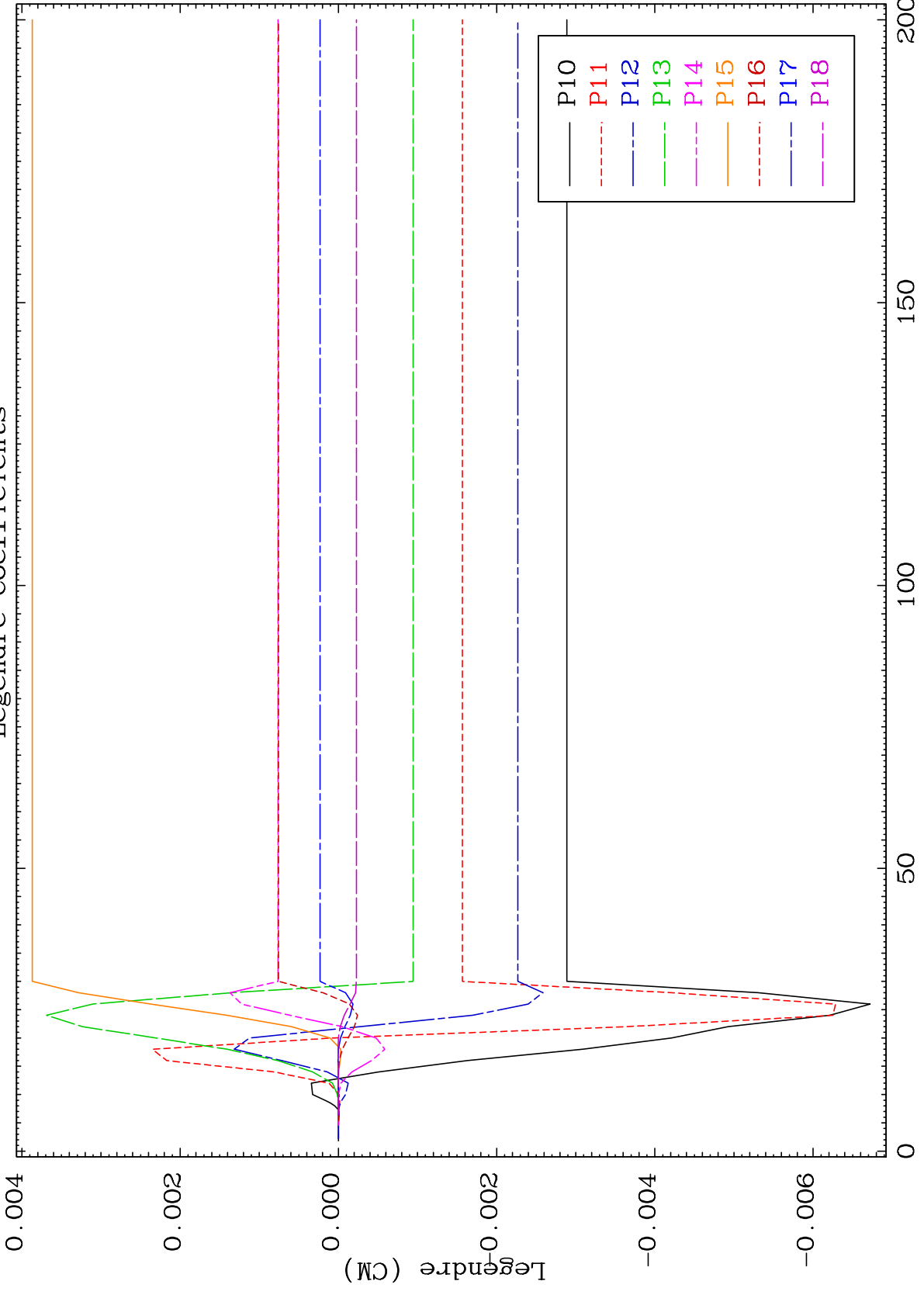


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Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 57 (n,n') Level Legendre Coefficients 54-Xe-122

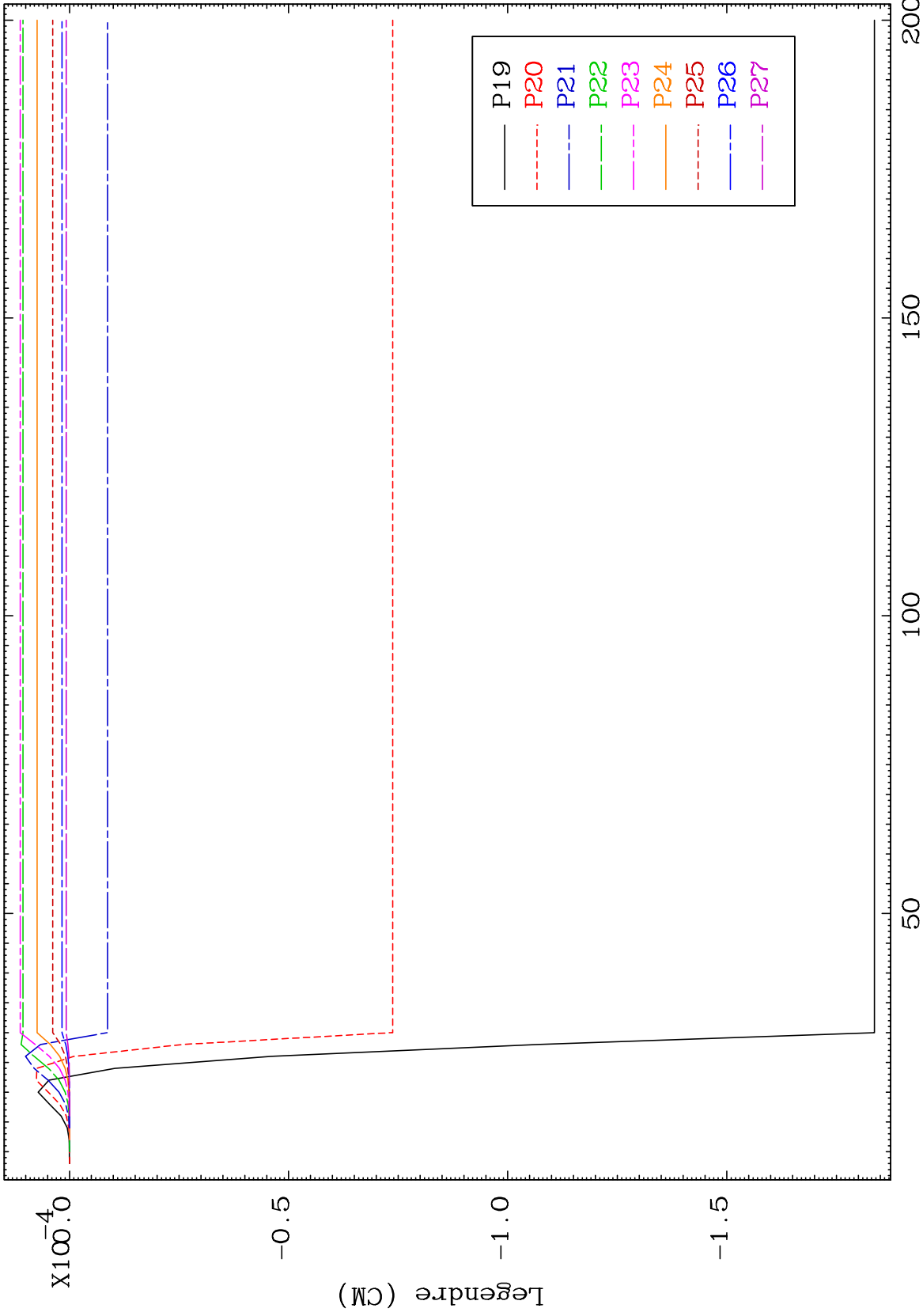


43 54-Xe-122

MAT 5419

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

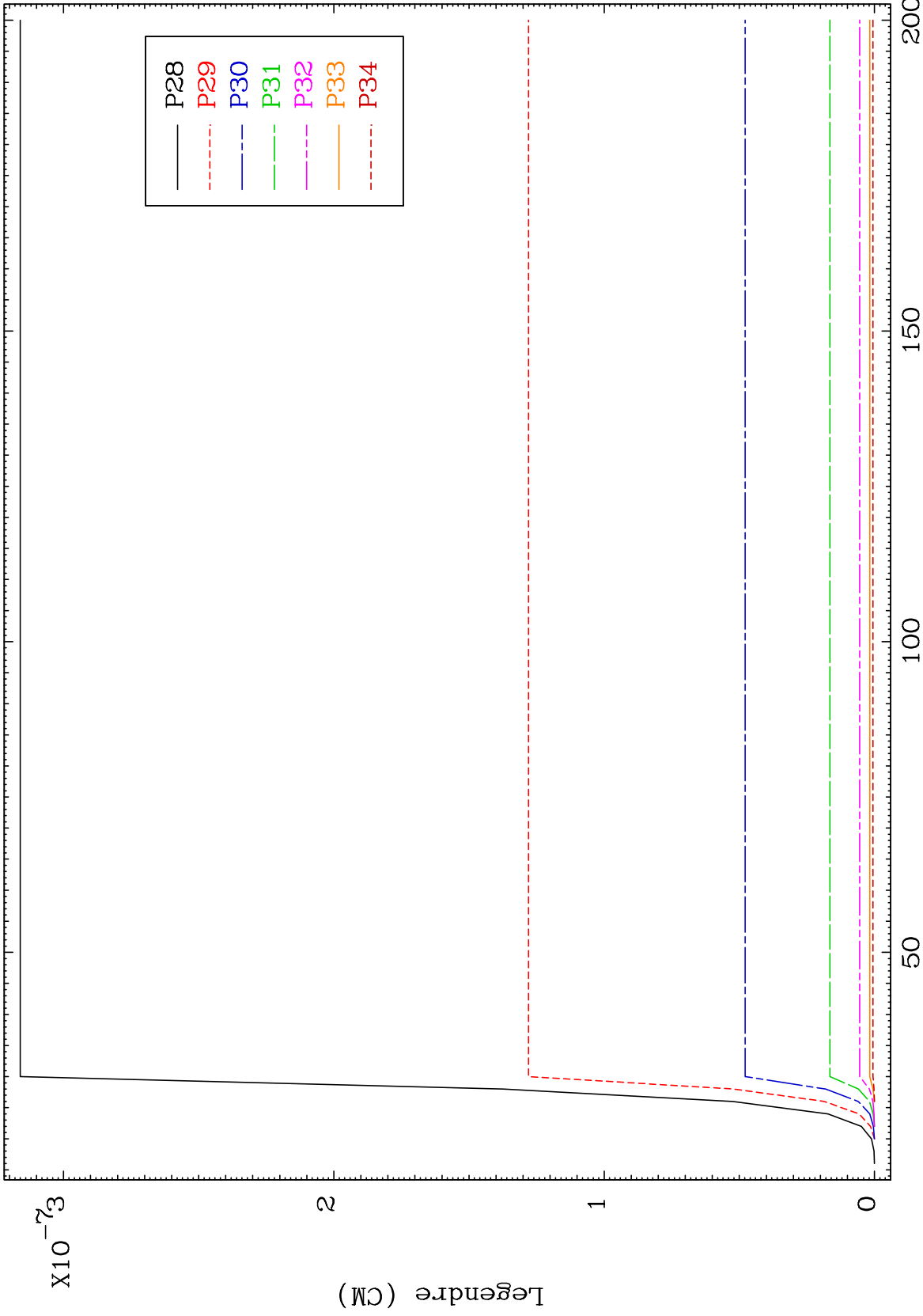
54-Xe-122



MAT 5419

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

54-Xe-122



45

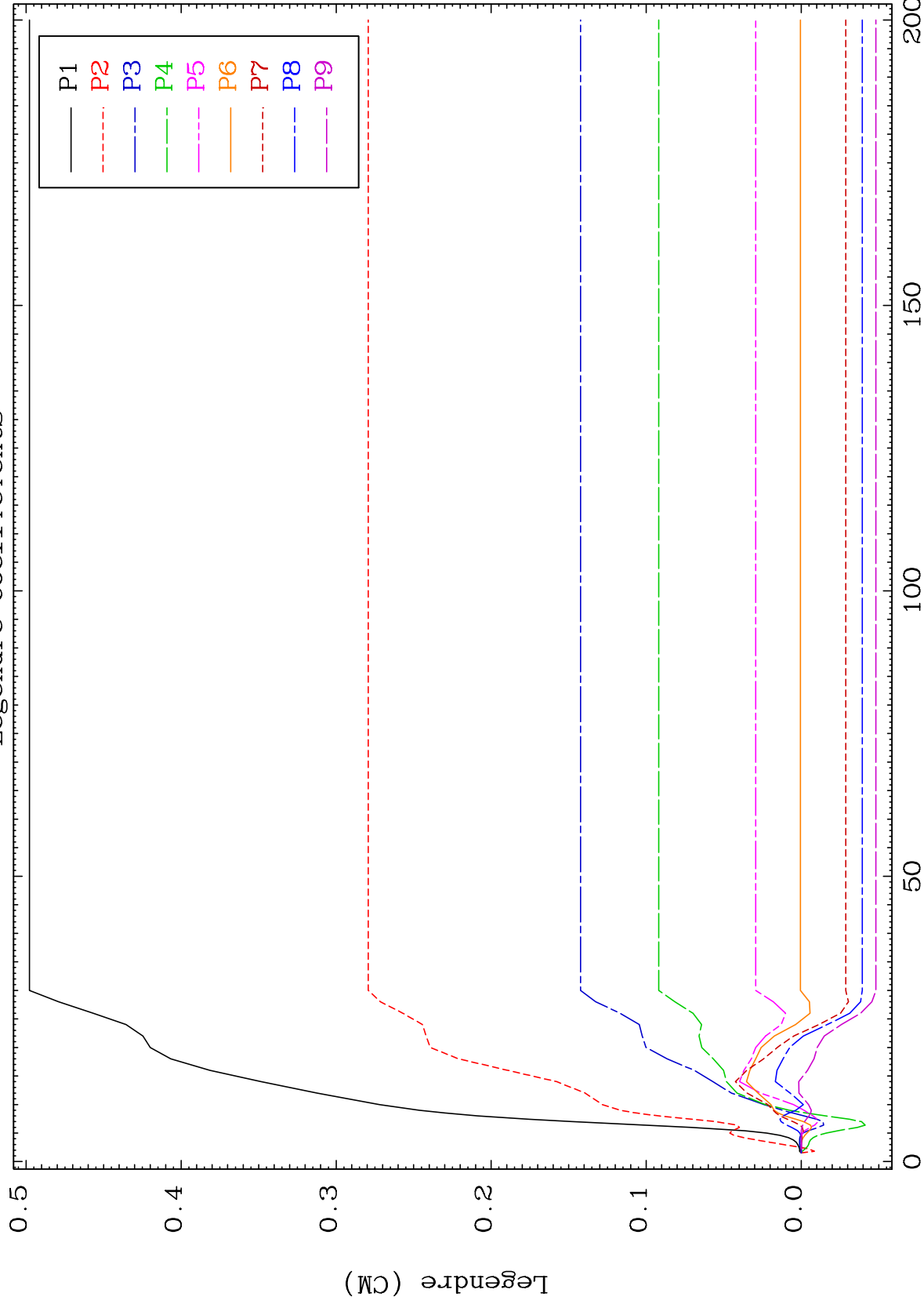
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



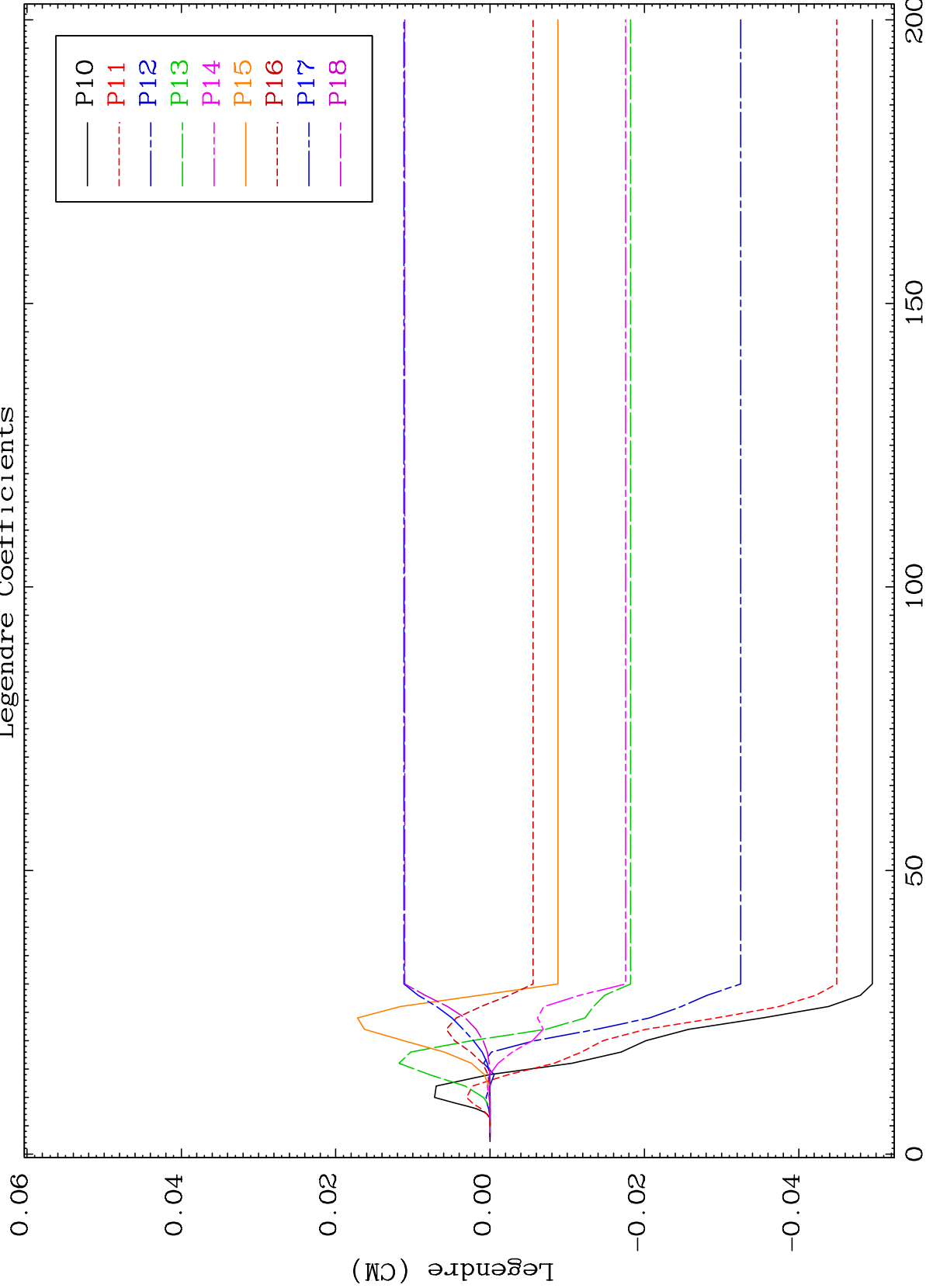
46

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 58 (n,n') Level Legendre Coefficients

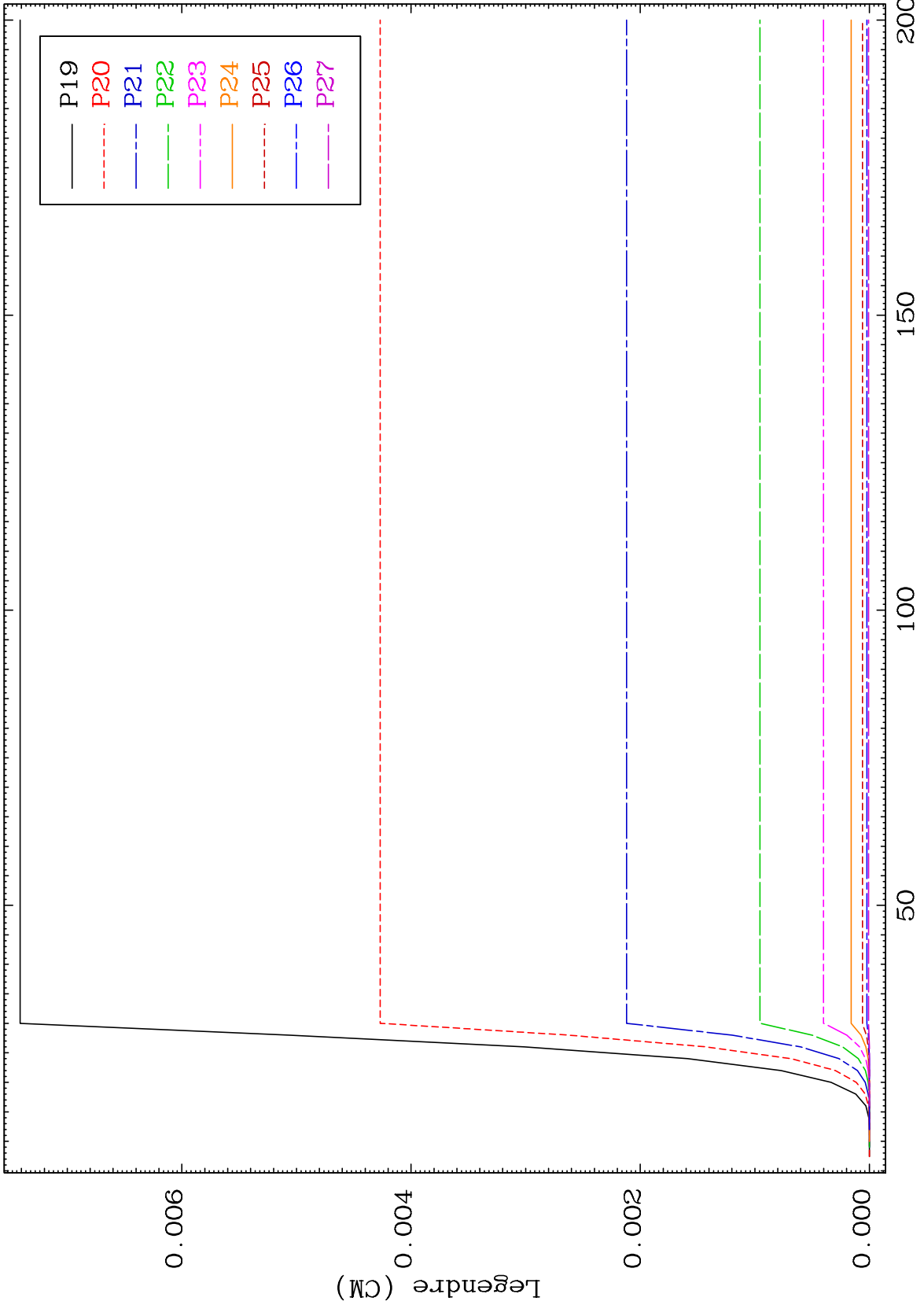
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MAT 5419

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

54-Xe-122



48

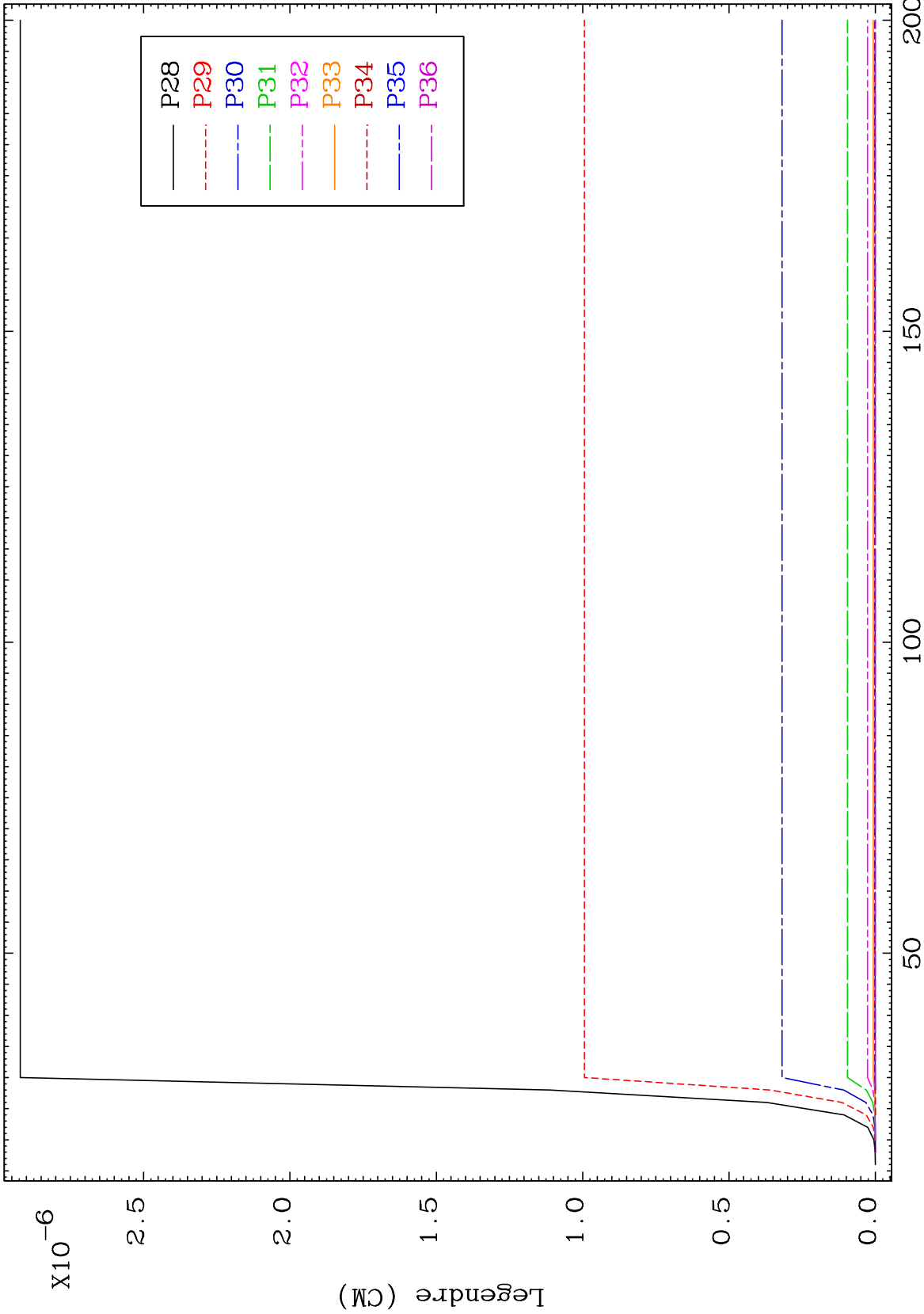
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



49

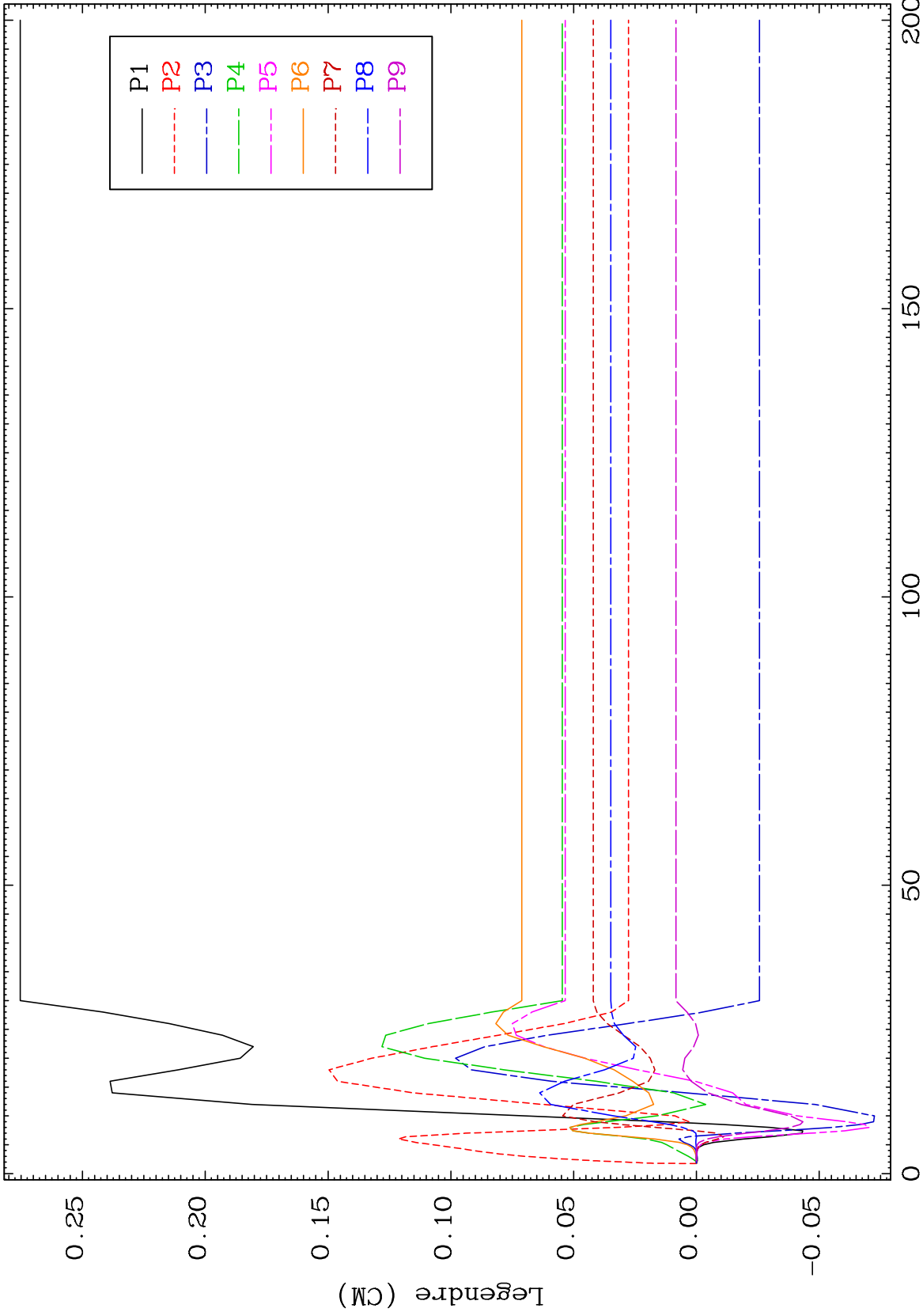
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



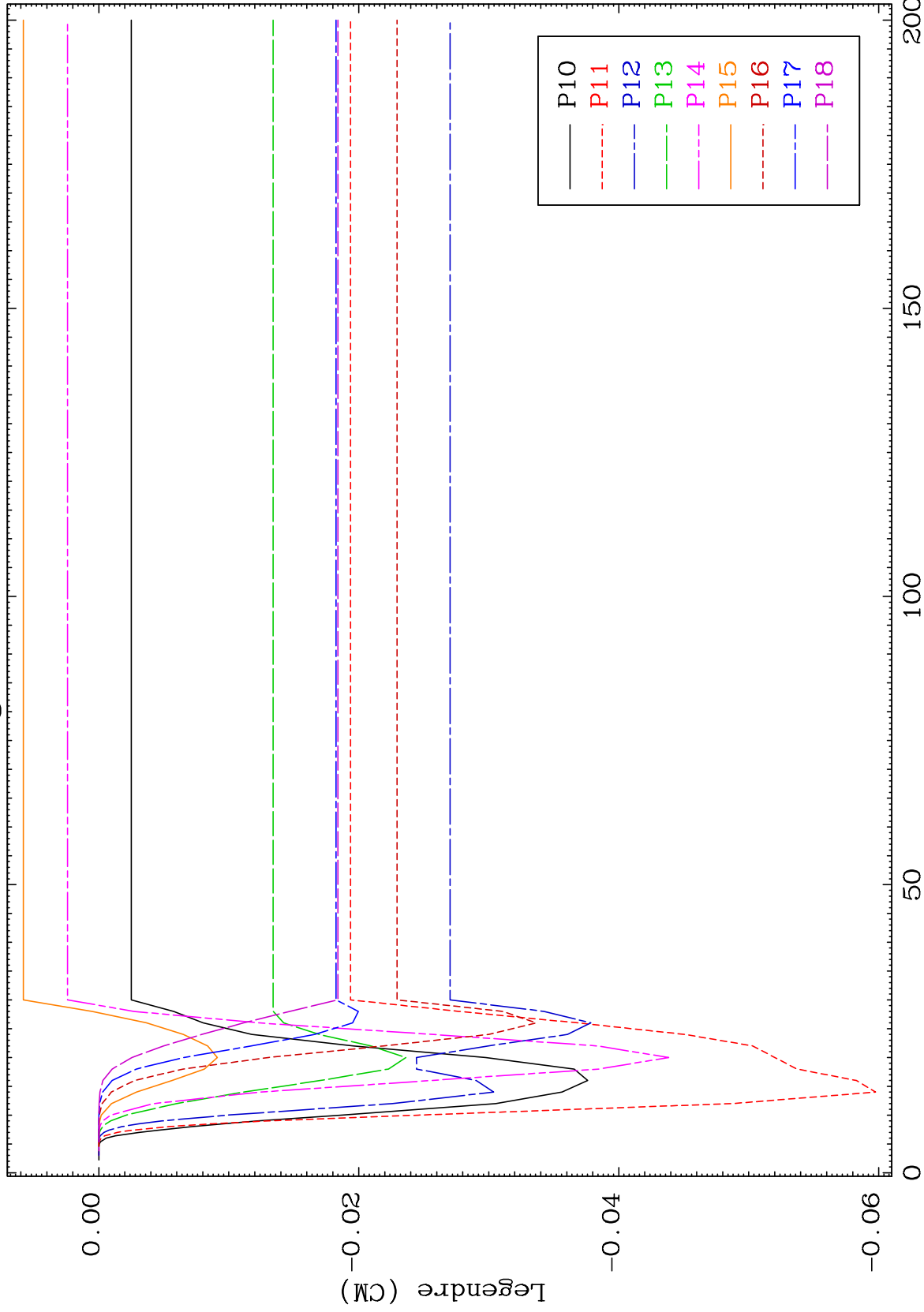
54-Xe-122

Incident Energy (MeV)

MAT 5419

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

54-Xe-122

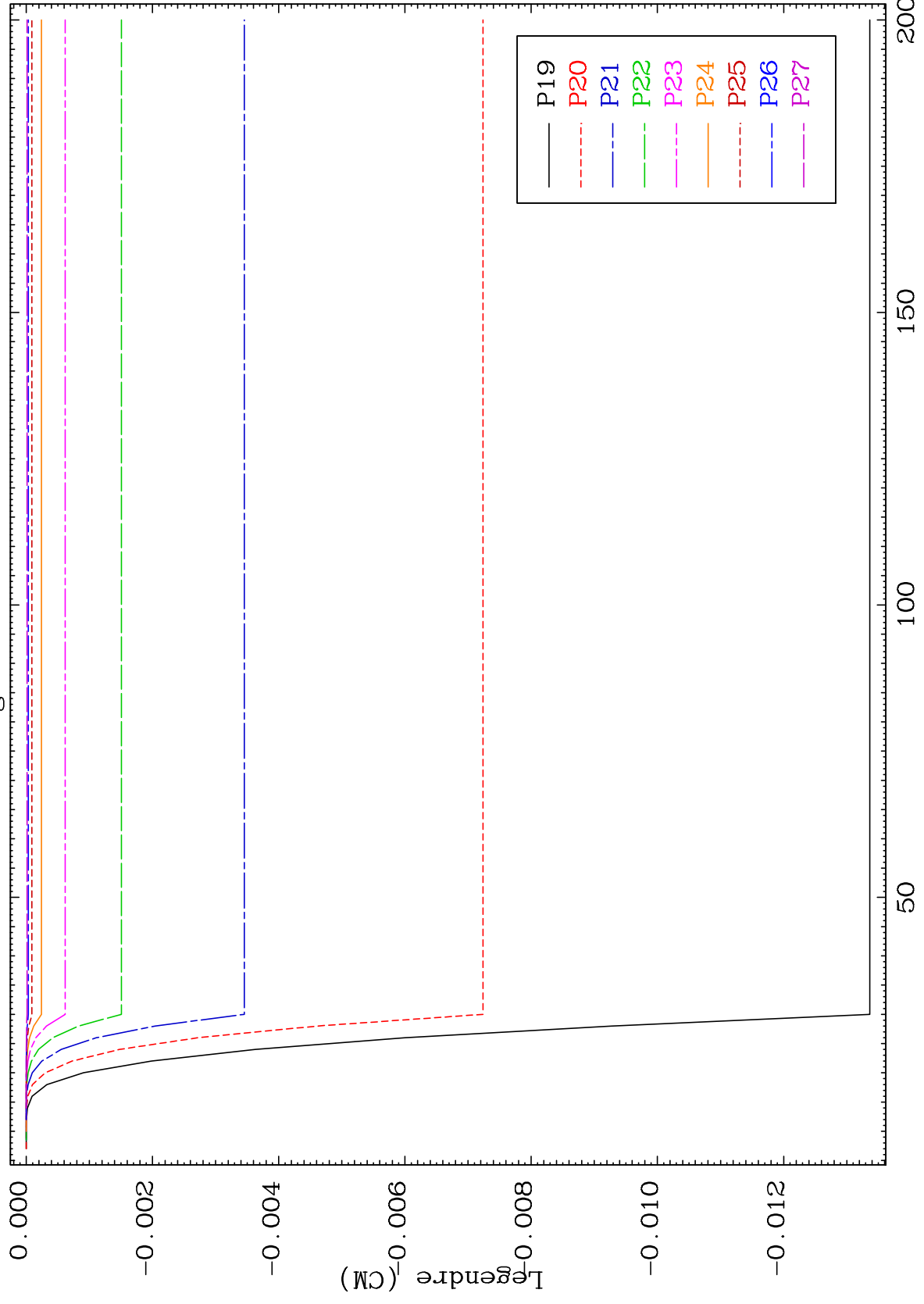


51

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 59 (n,n') Level Legendre Coefficients 54-Xe-122

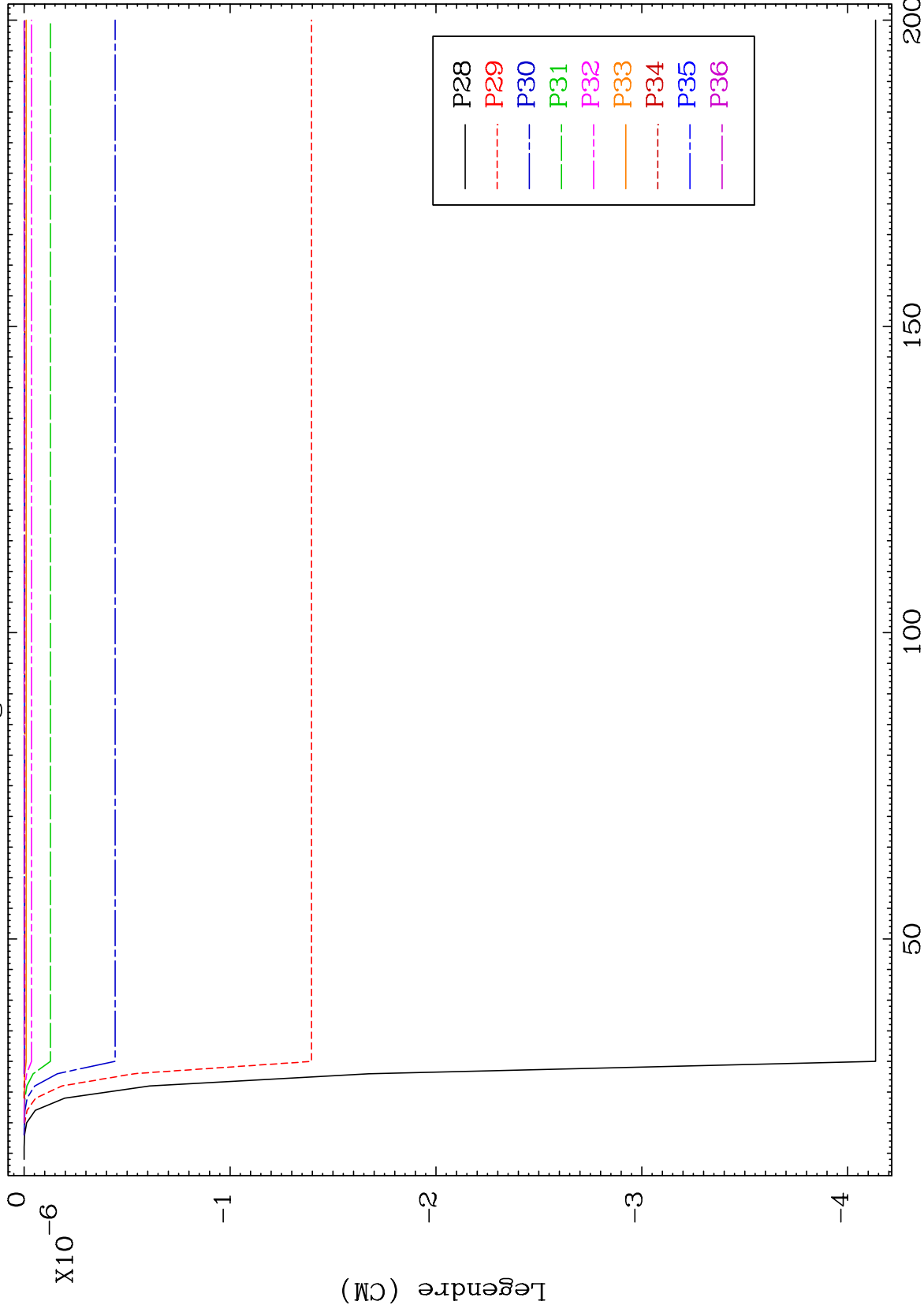


52 54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

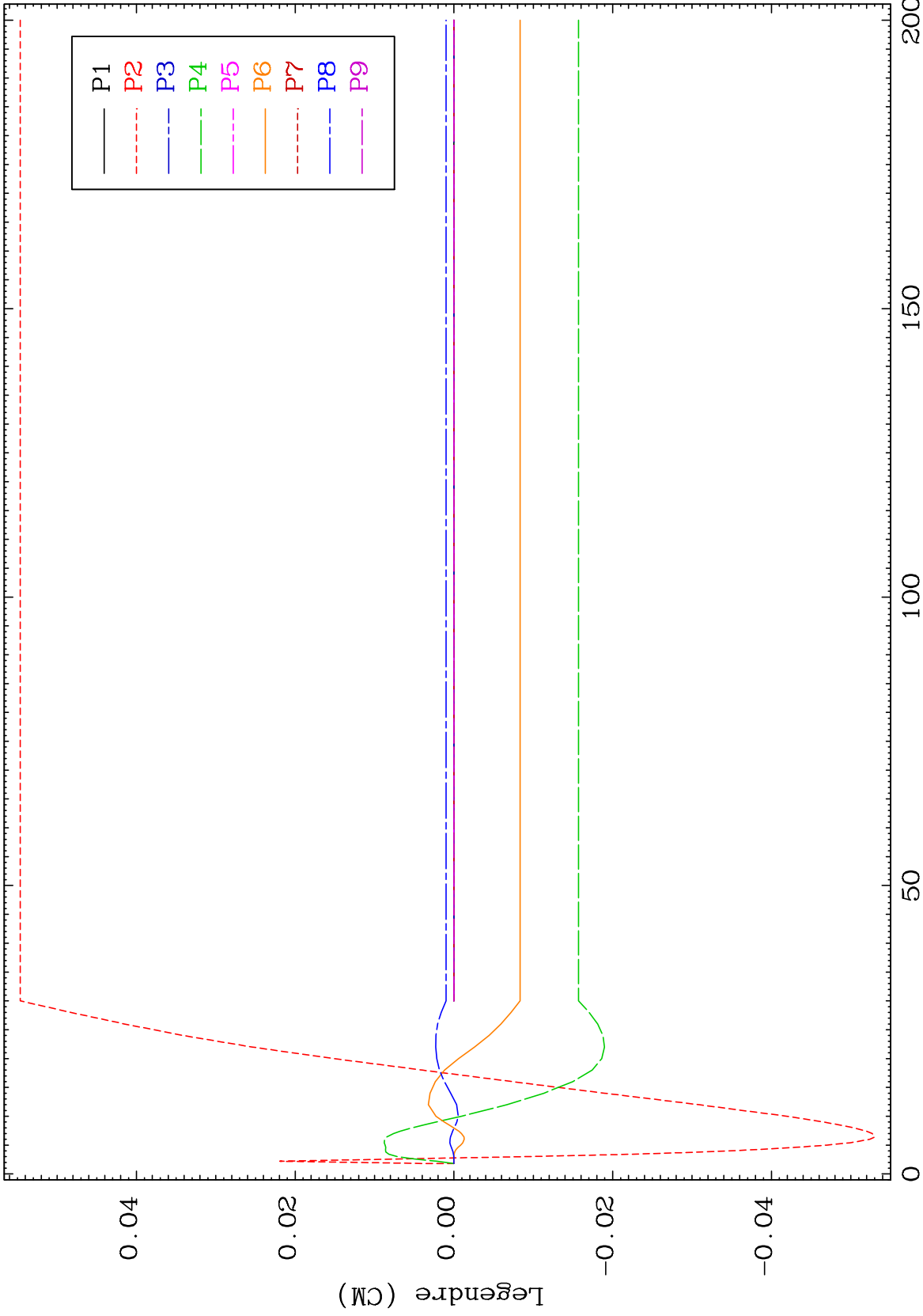
Incident Energy (MeV)

53

MAT 5419

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

54-Xe-122



54

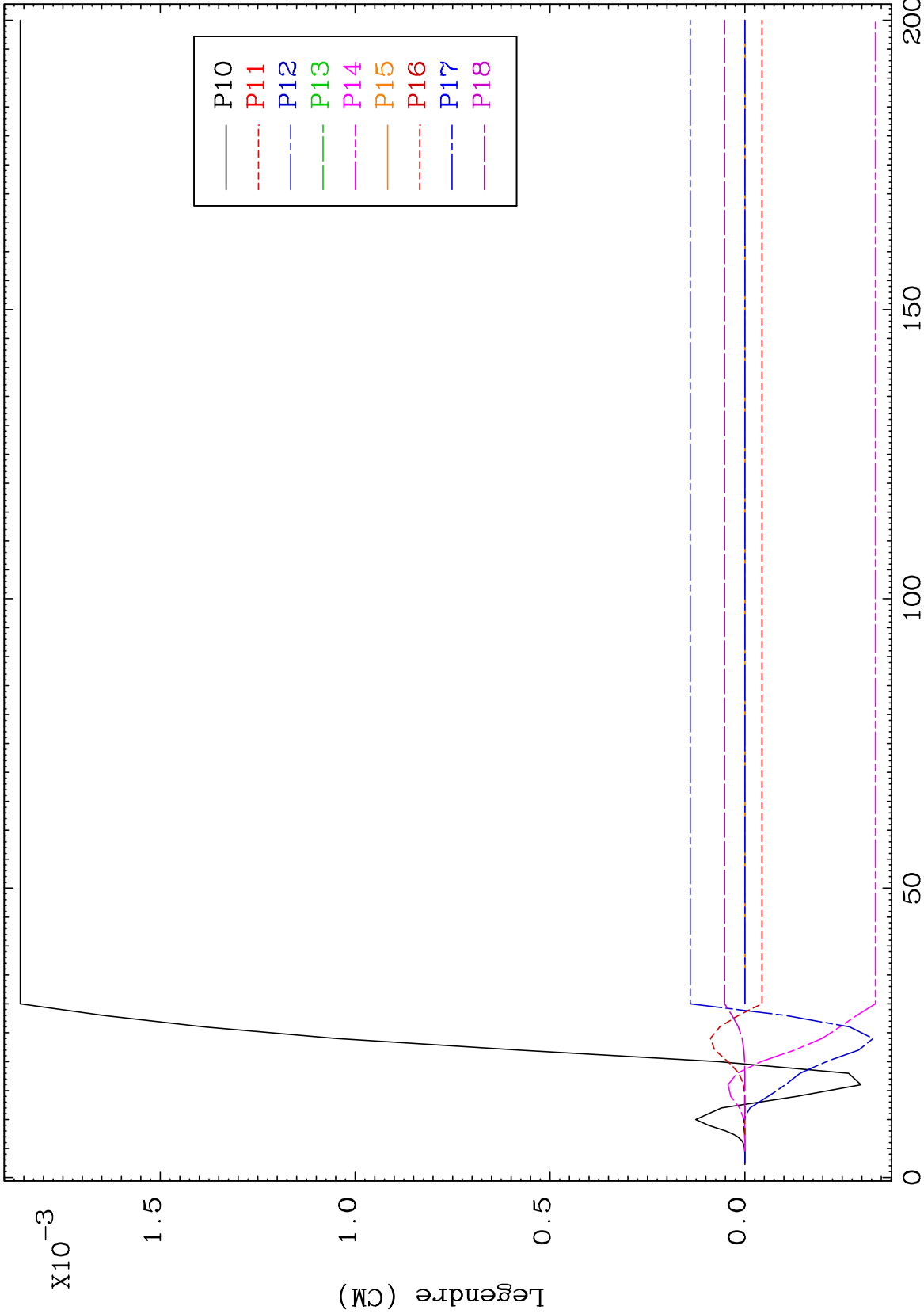
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



55

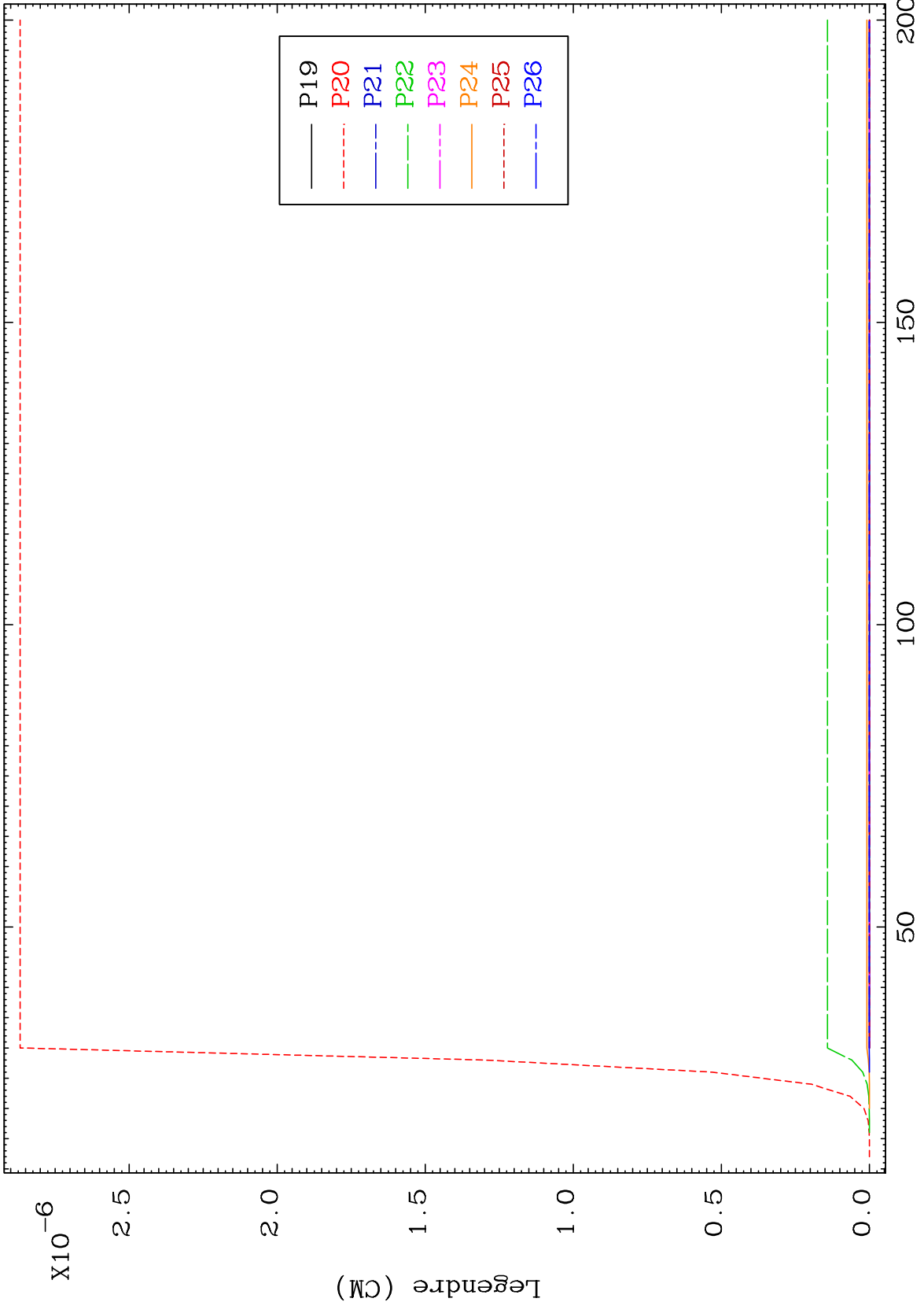
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



56

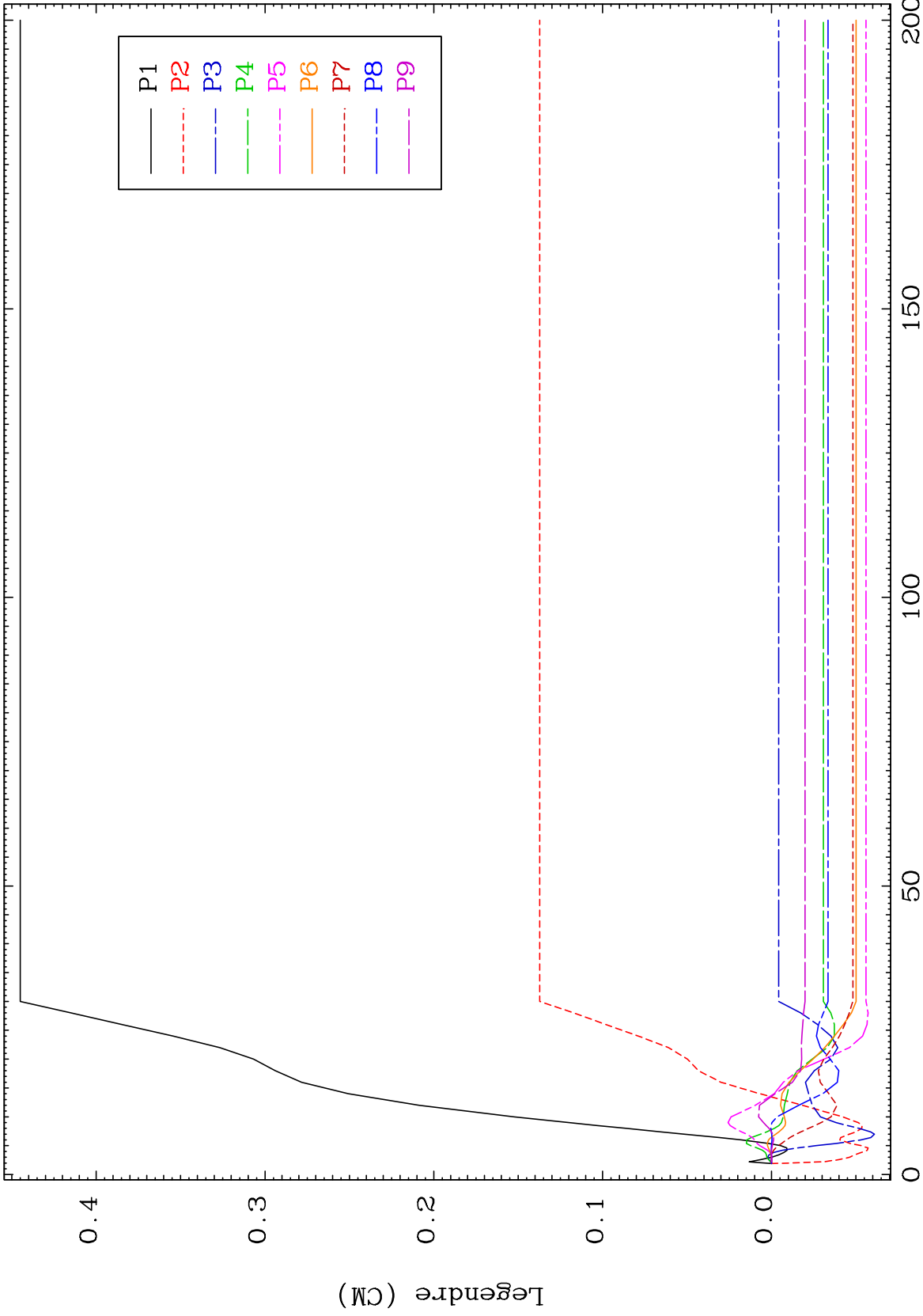
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



57

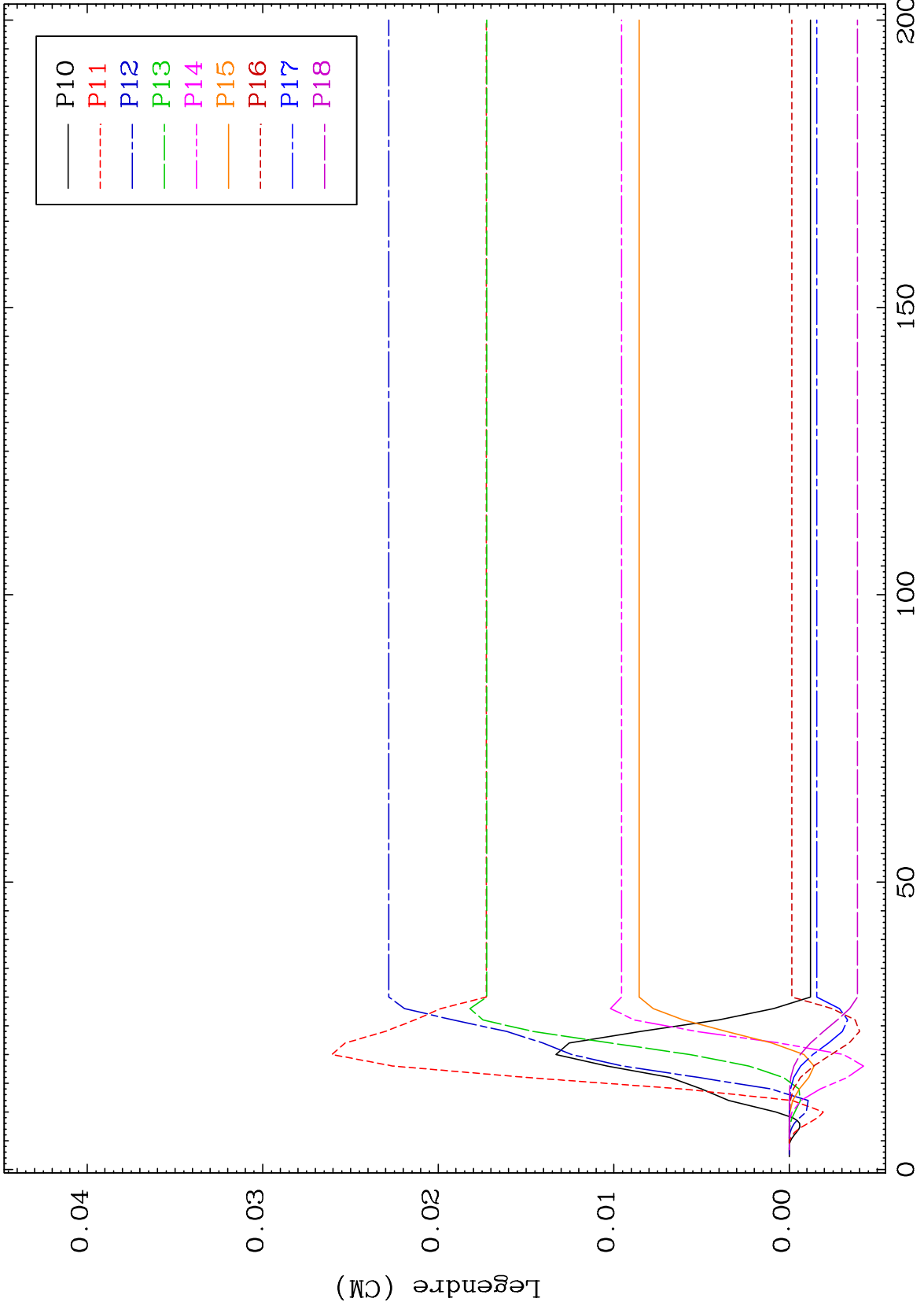
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



58

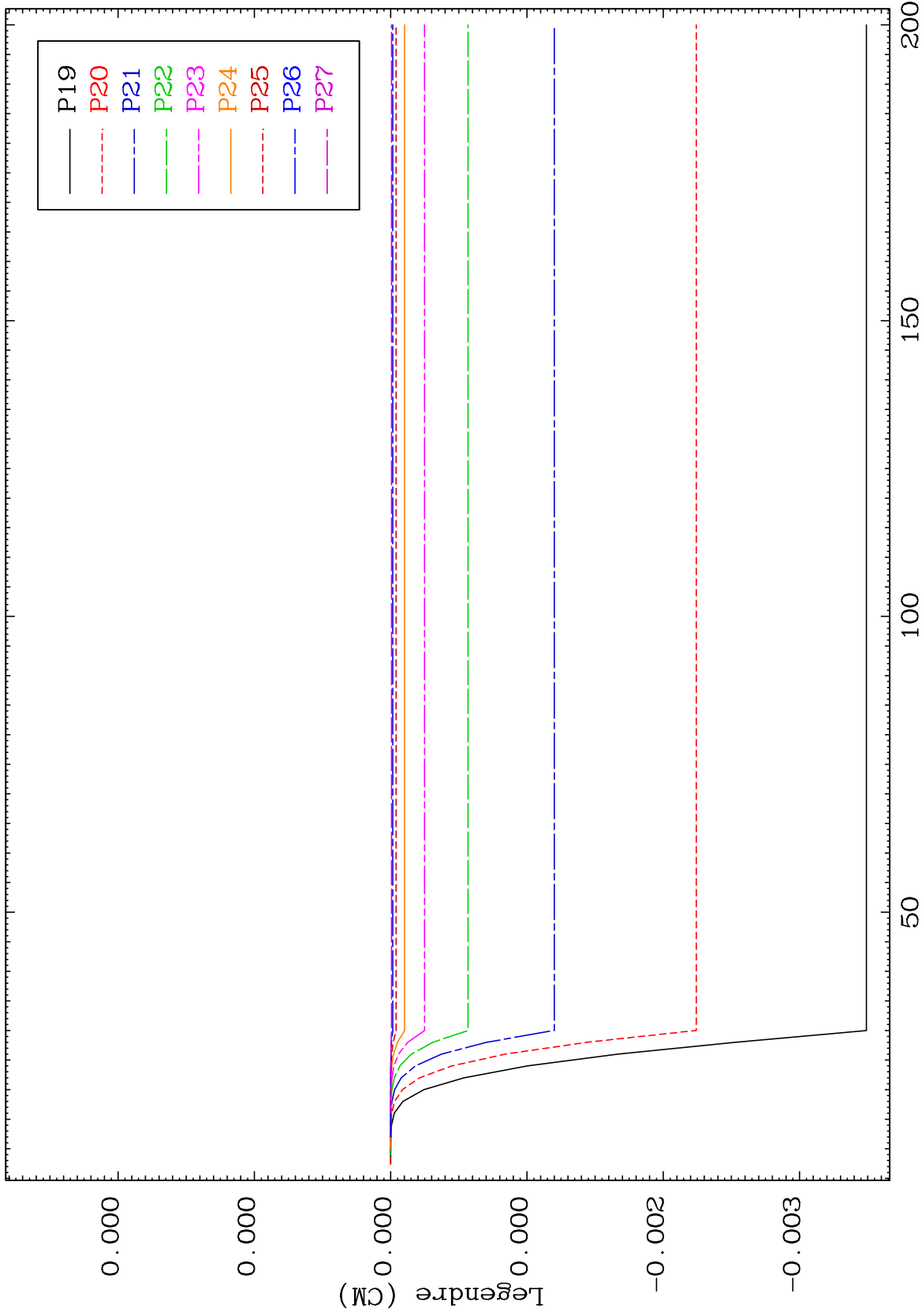
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



59

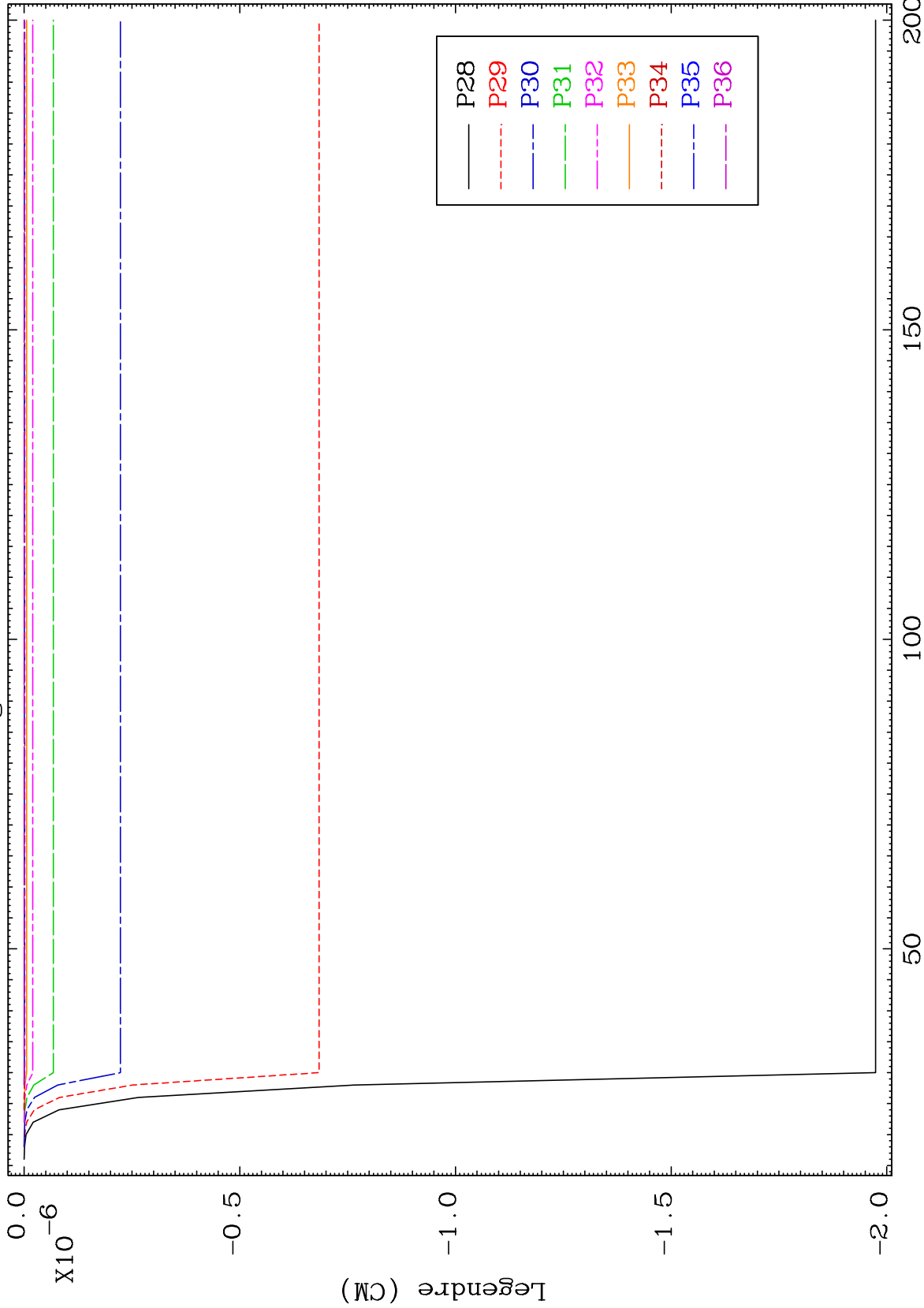
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



60

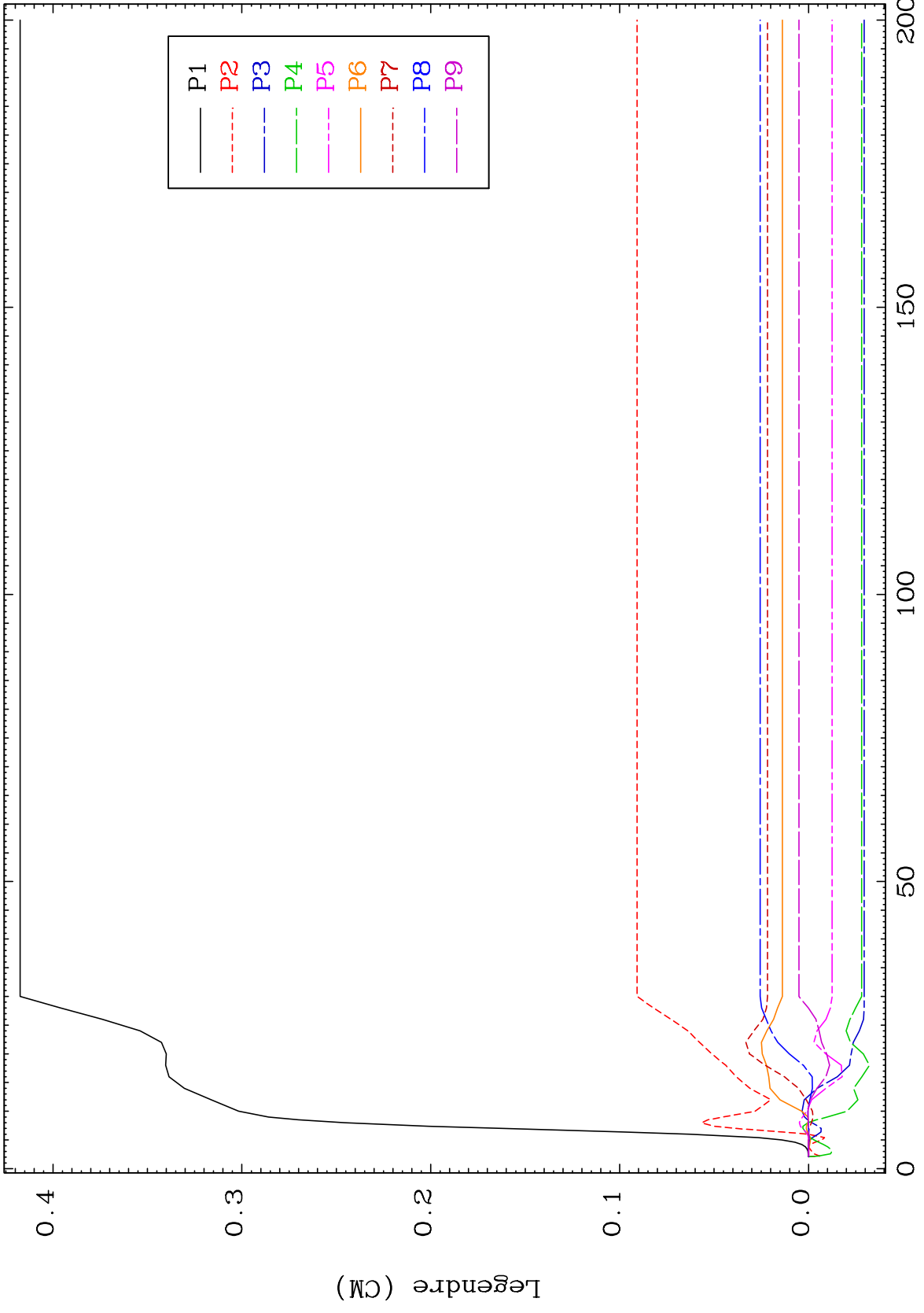
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



61

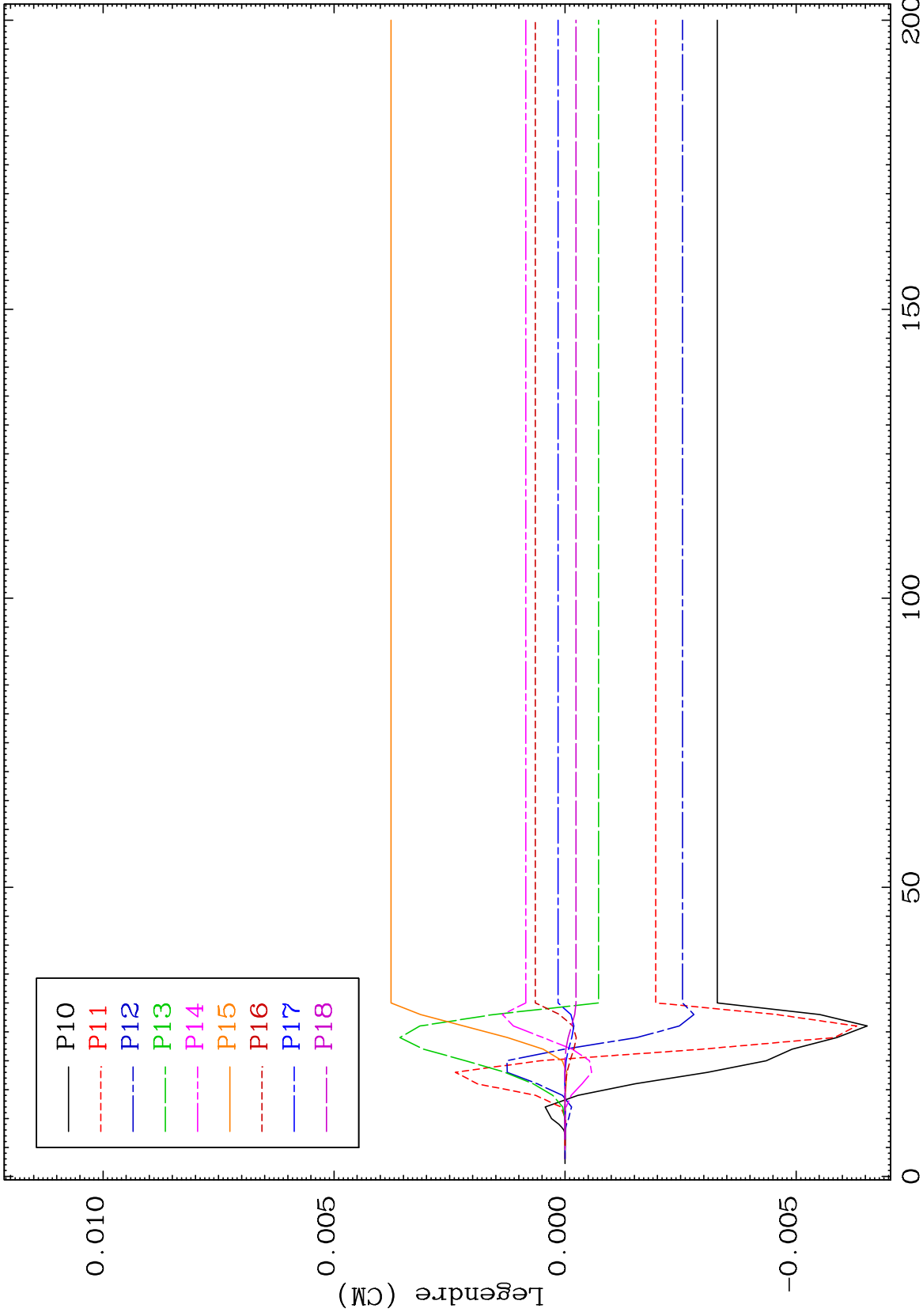
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



62

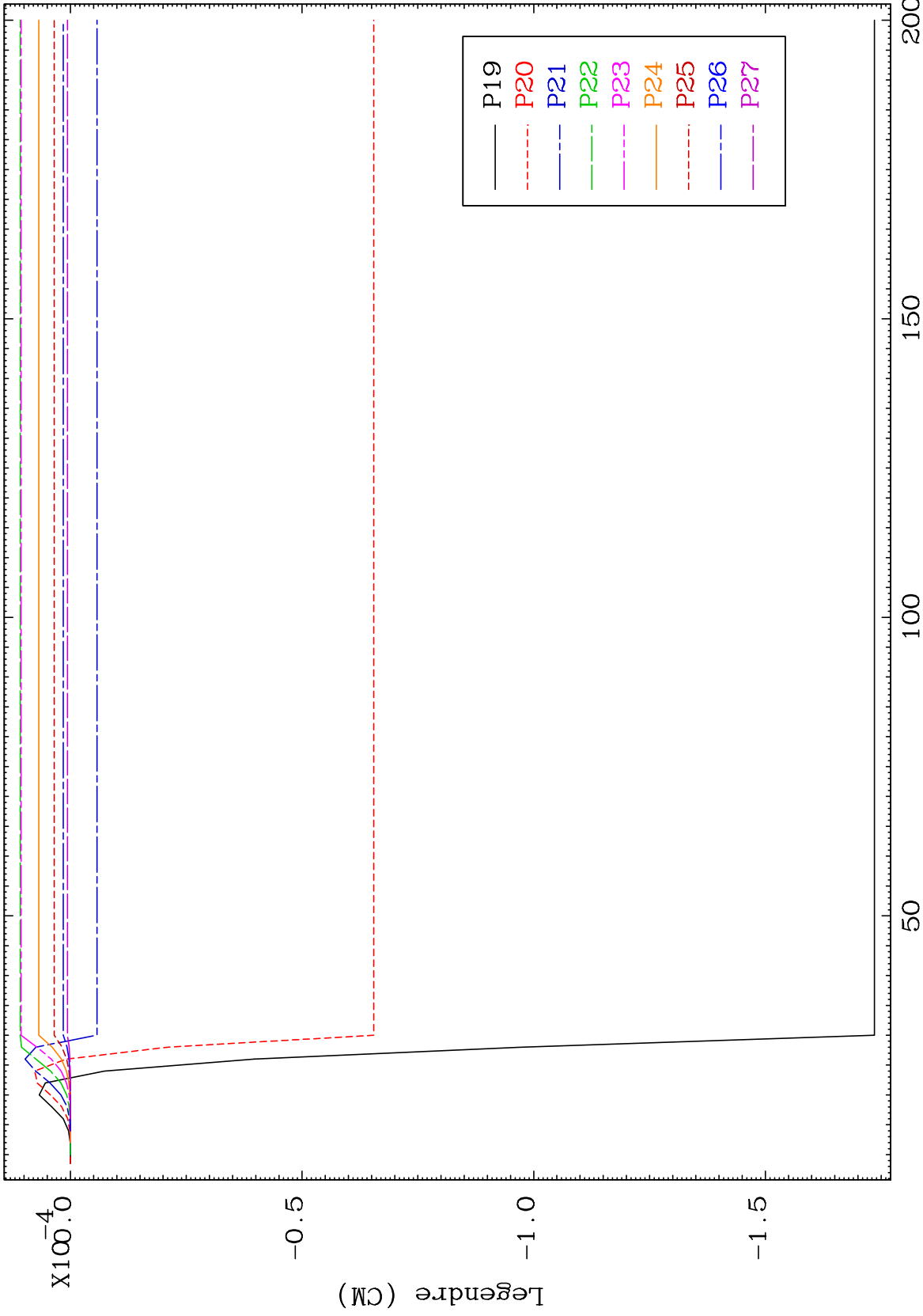
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



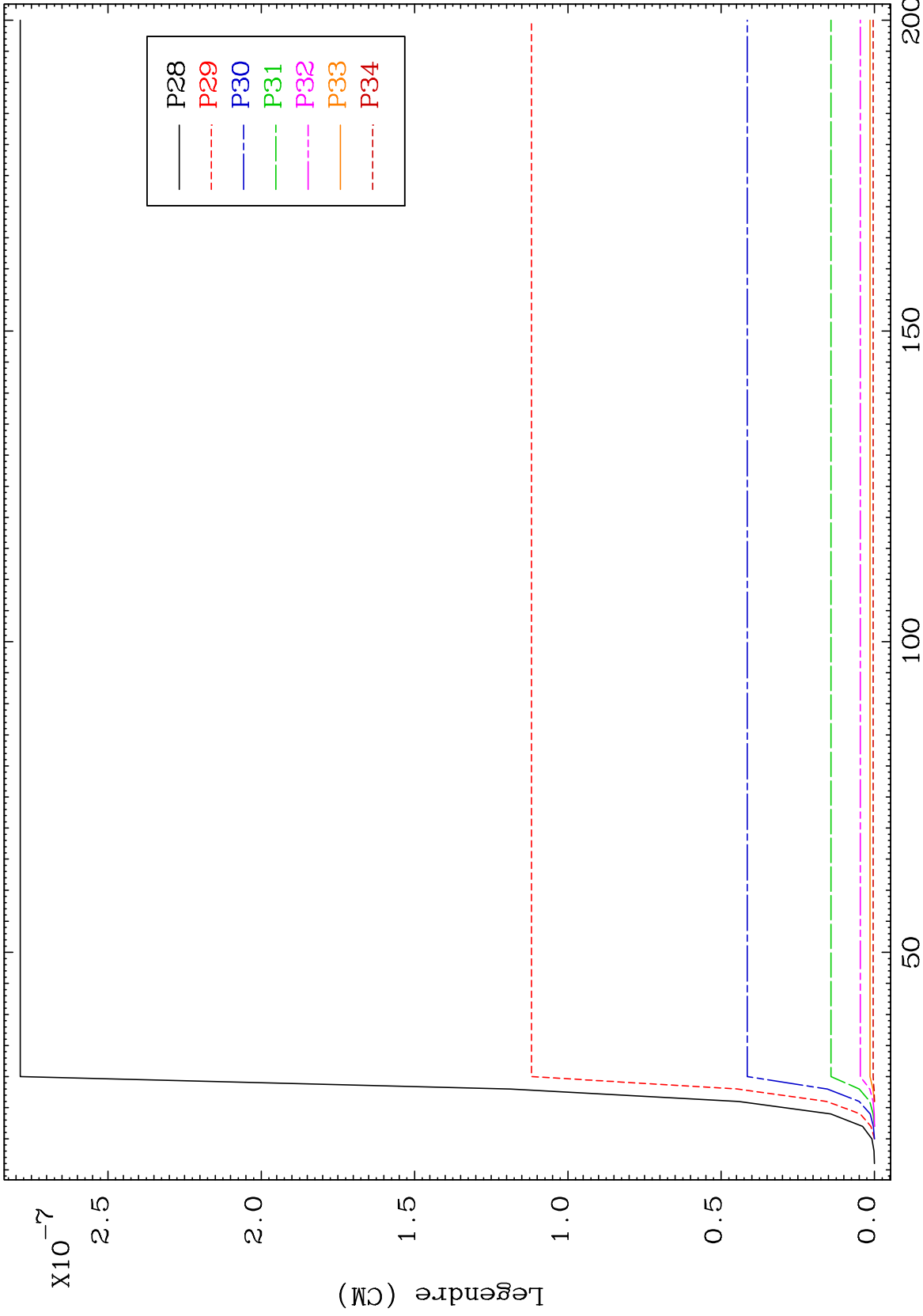
63

54-Xe-122

MAT 5419

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

54-Xe-122

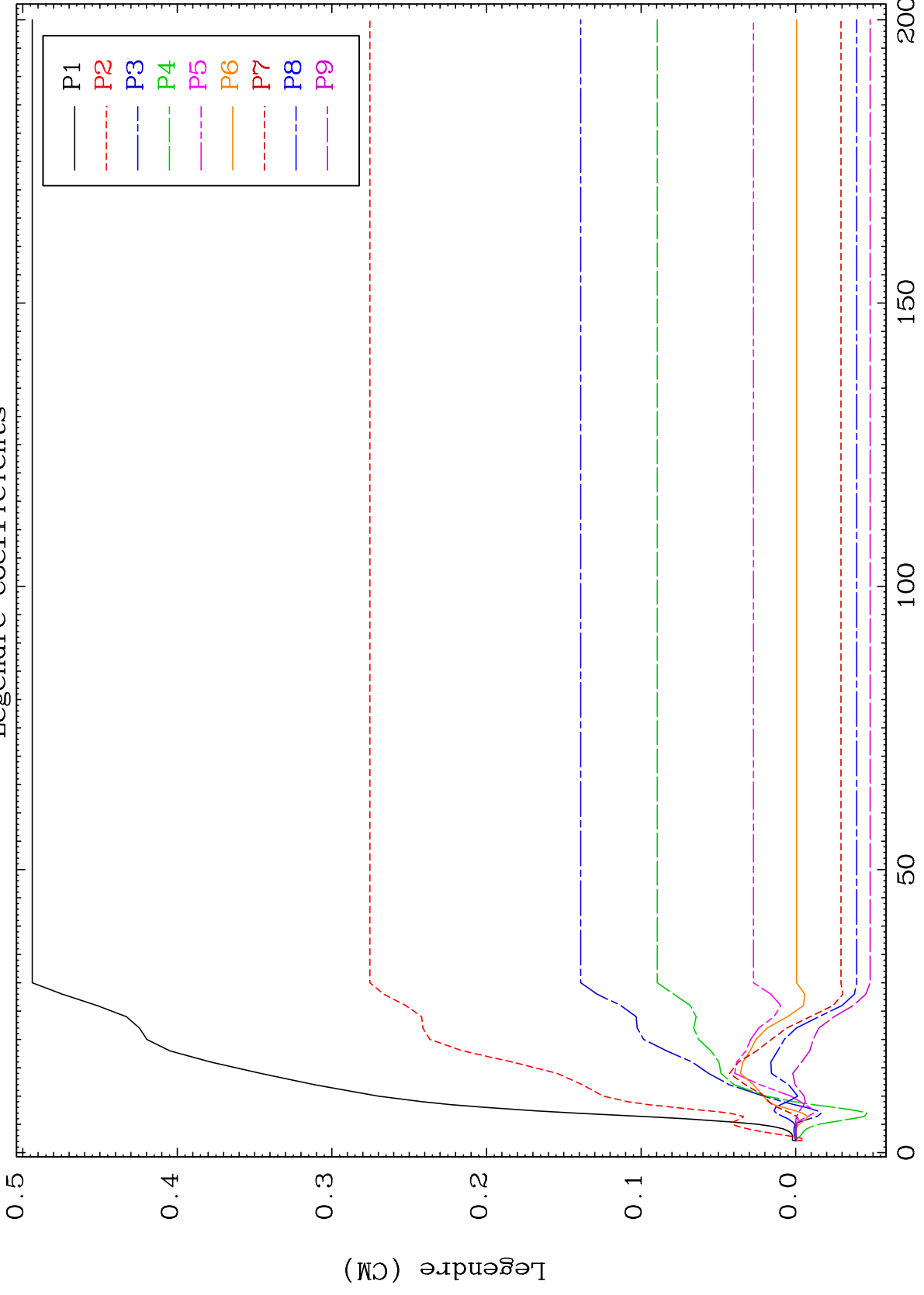


64

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 63 (n,n') Level Legendre Coefficients 54-Xe-122

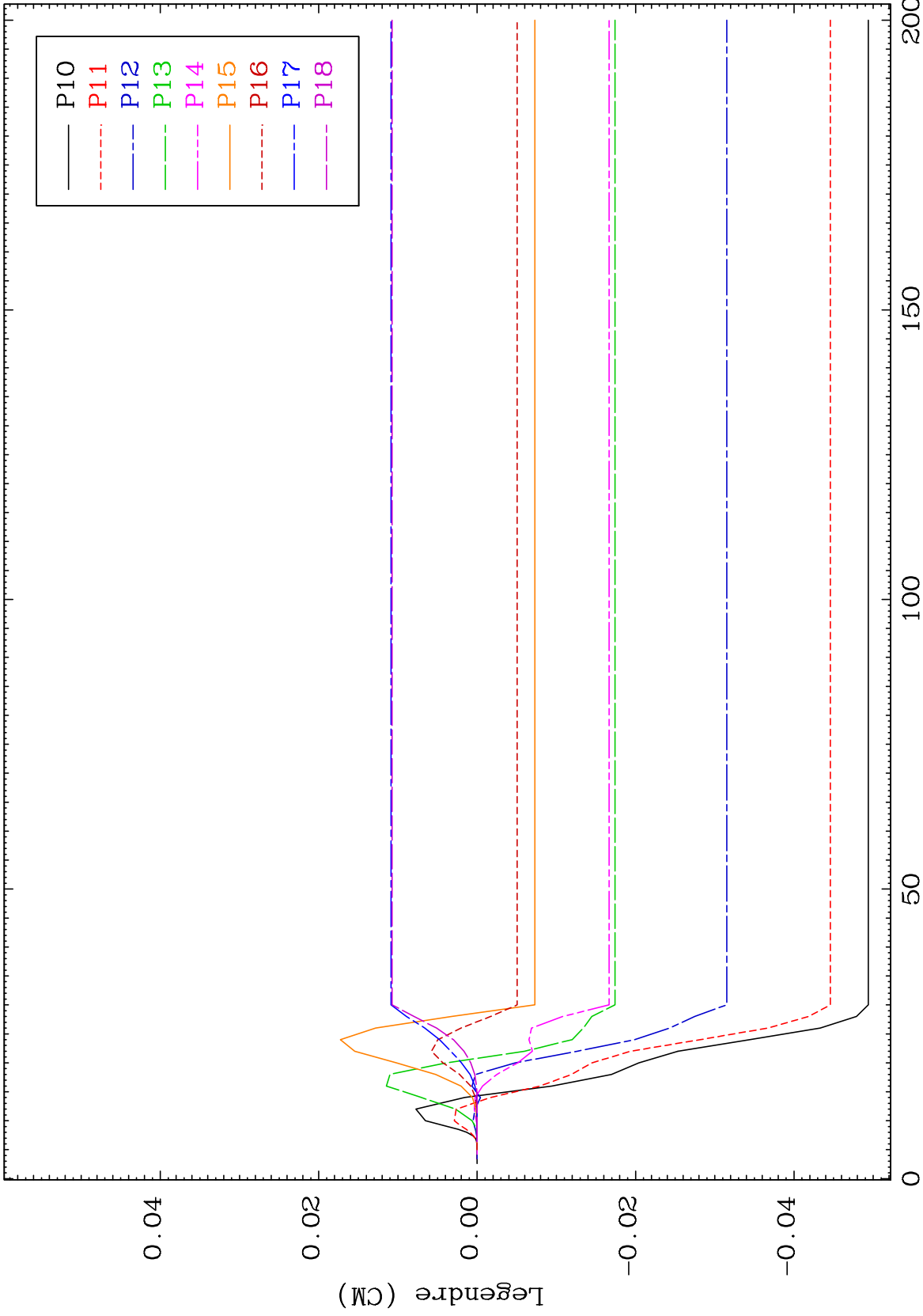


65 54-Xe-122

MAT 5419

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

54-Xe-122



66

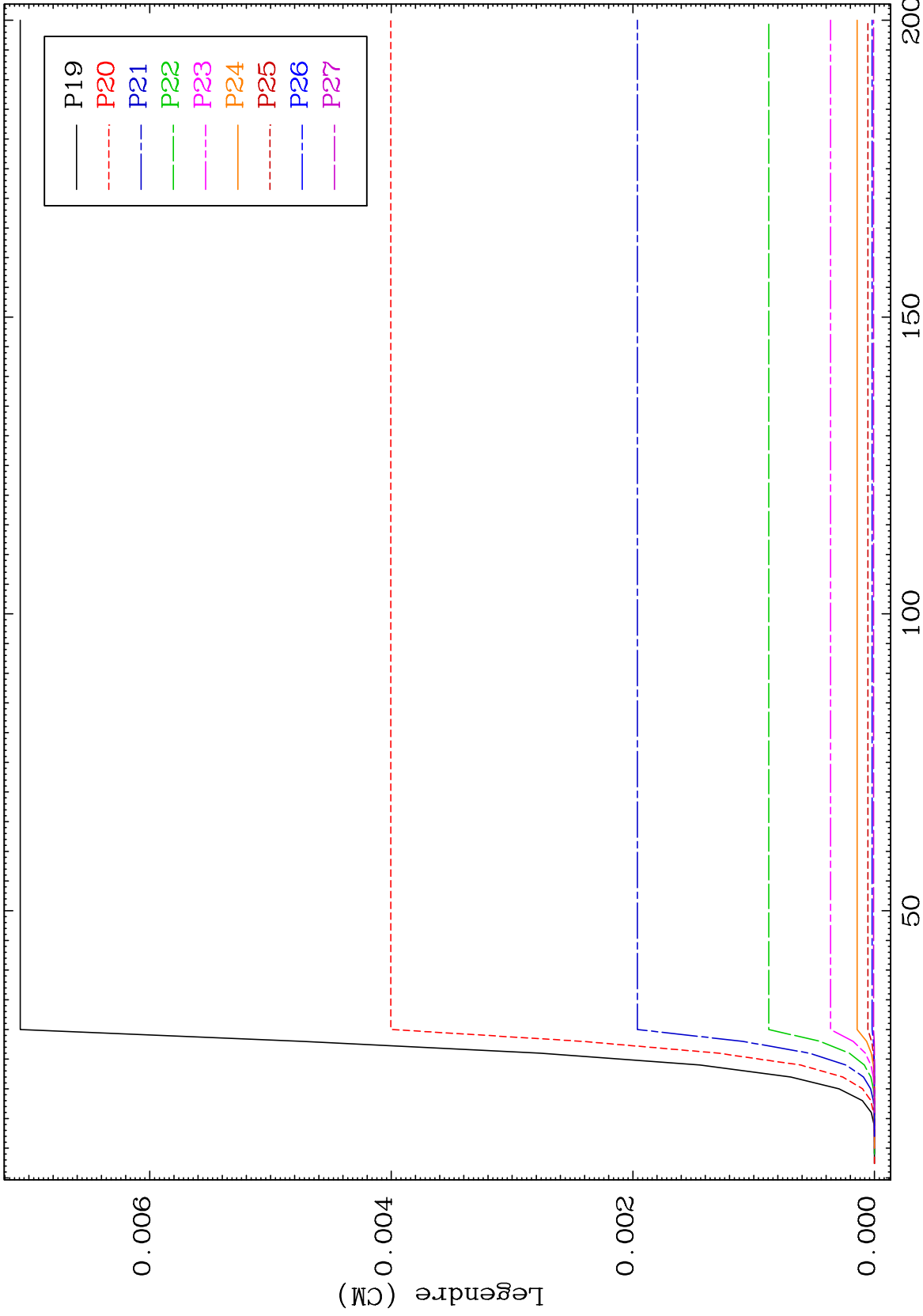
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



67

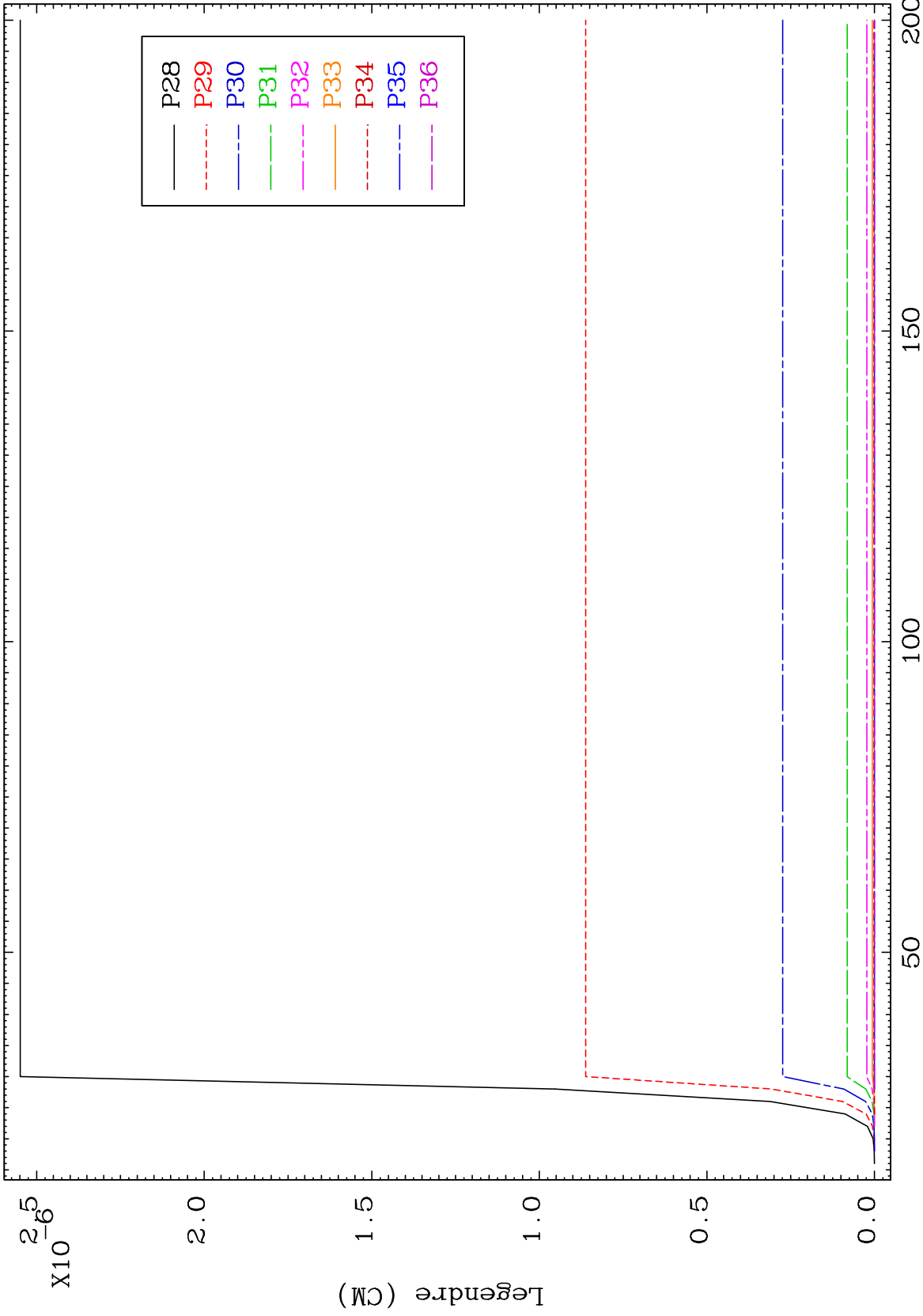
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



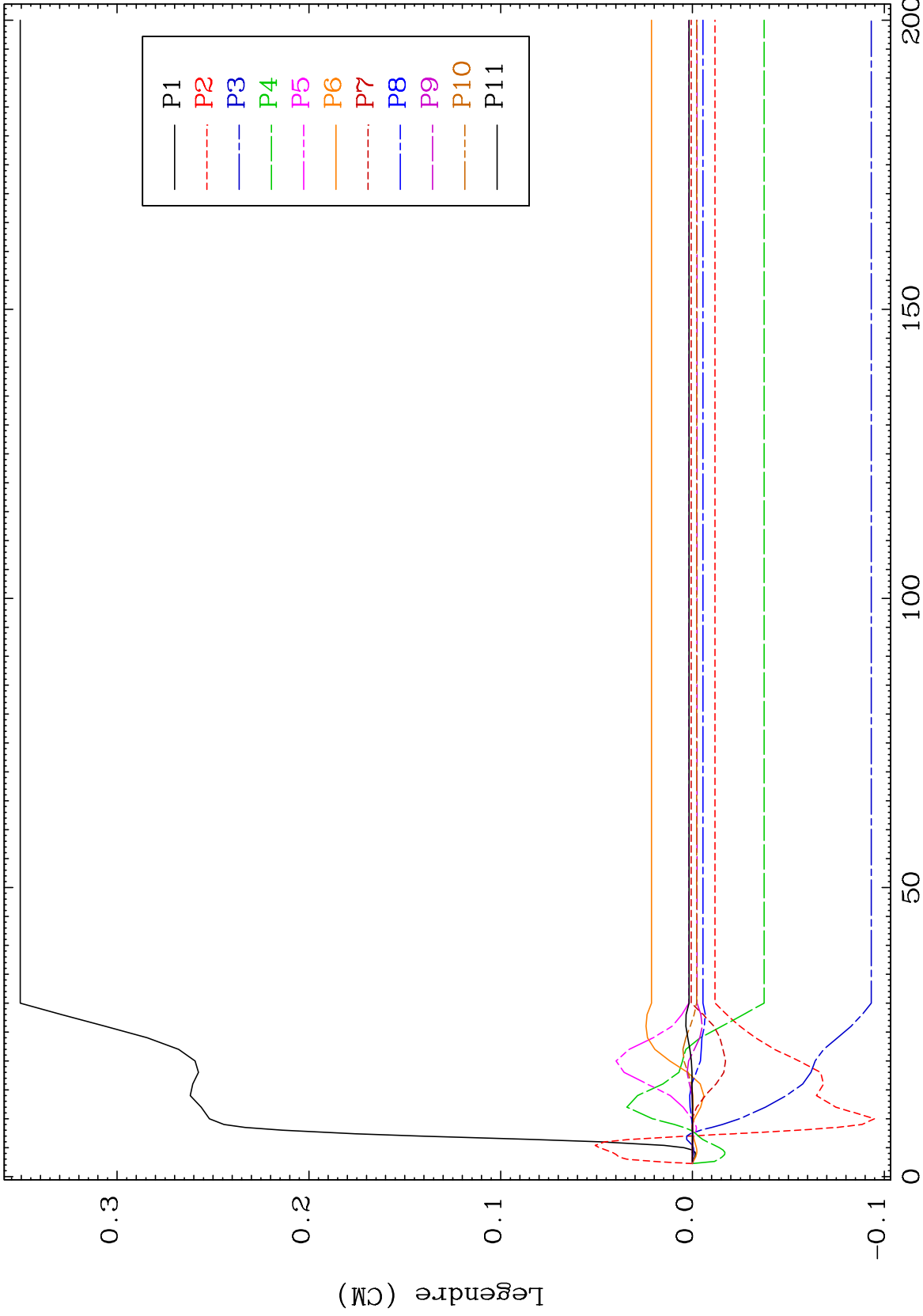
68

54-Xe-122

MAT 5419

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

54-Xe-122



69

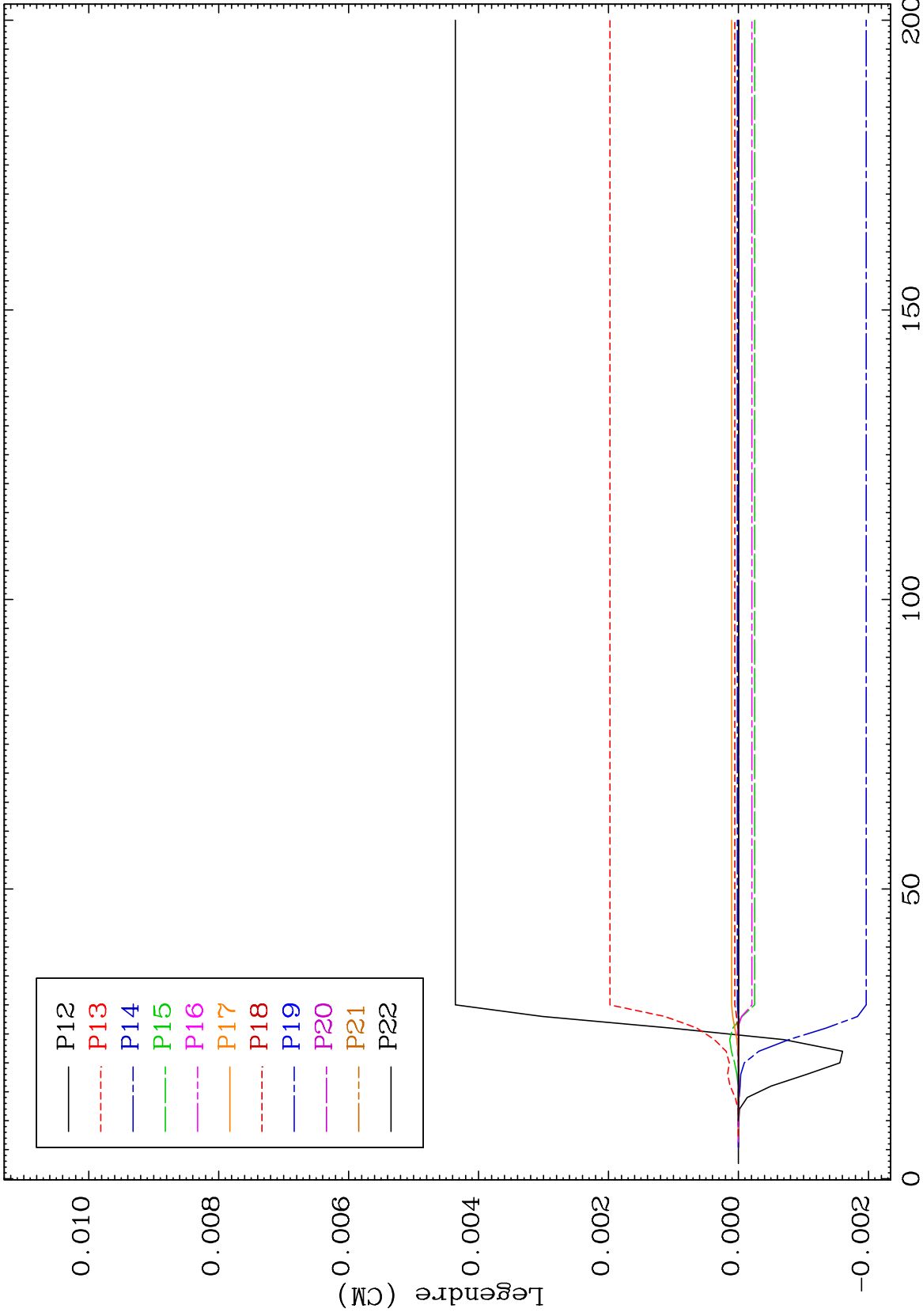
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



70

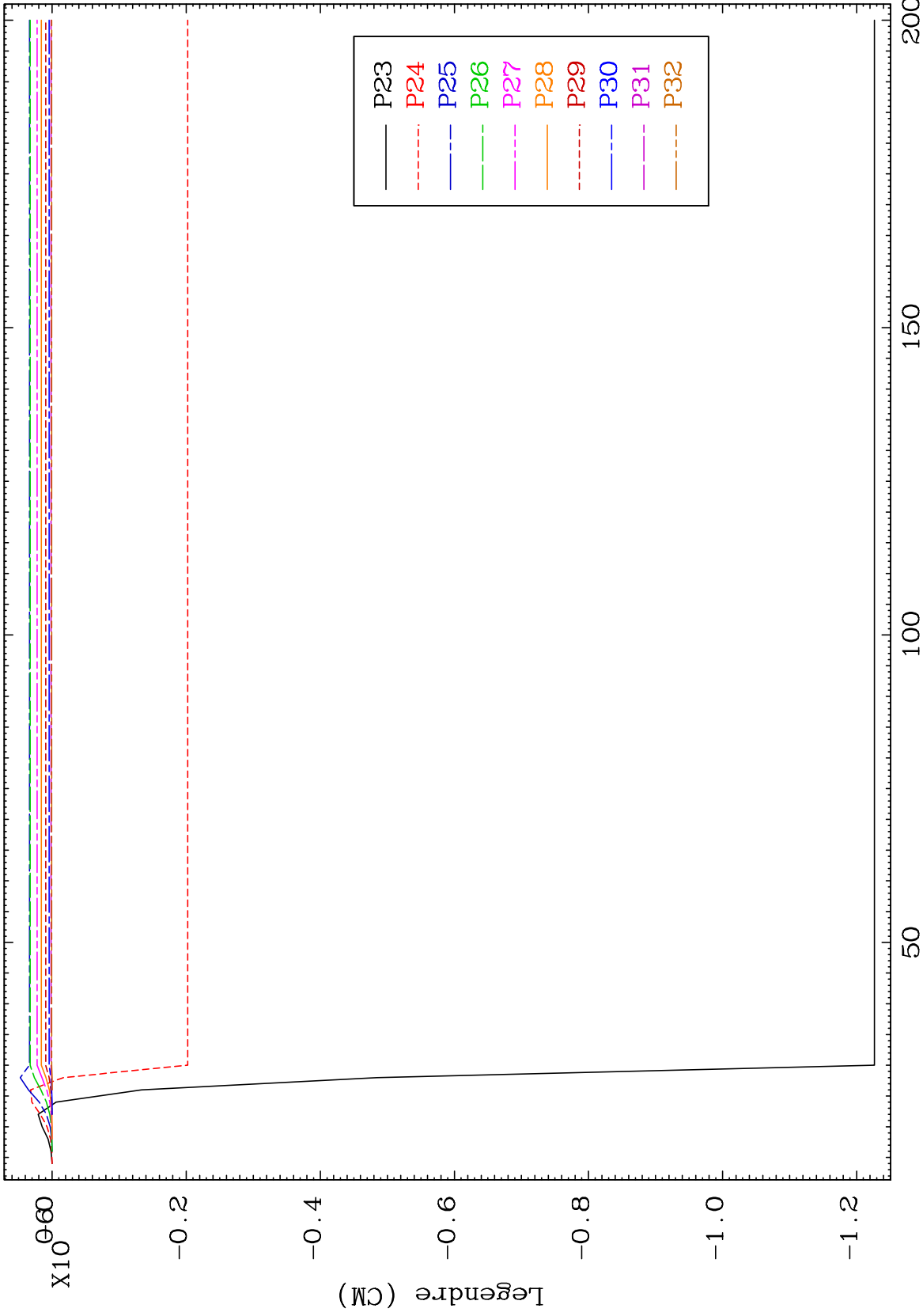
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



71

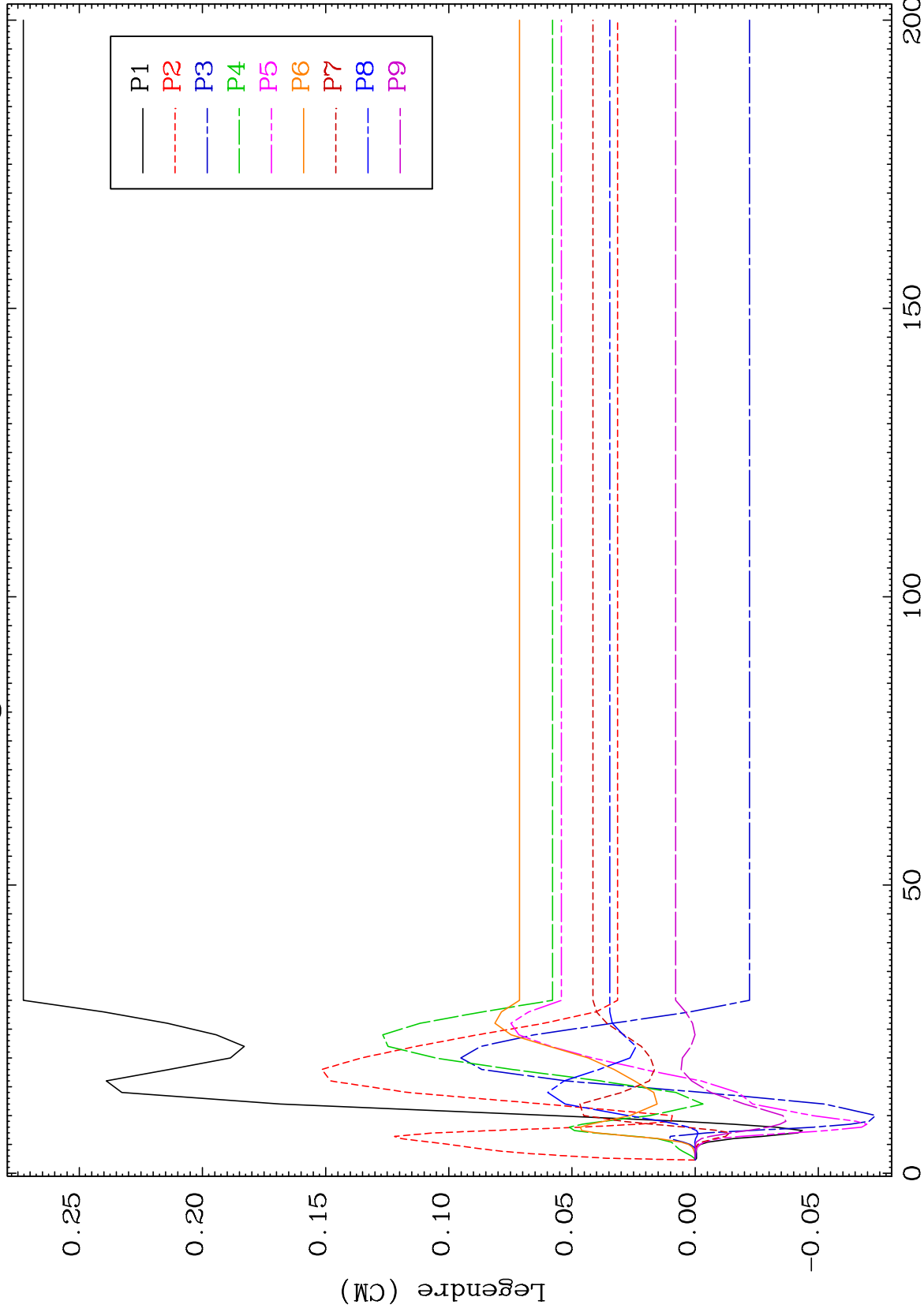
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



72

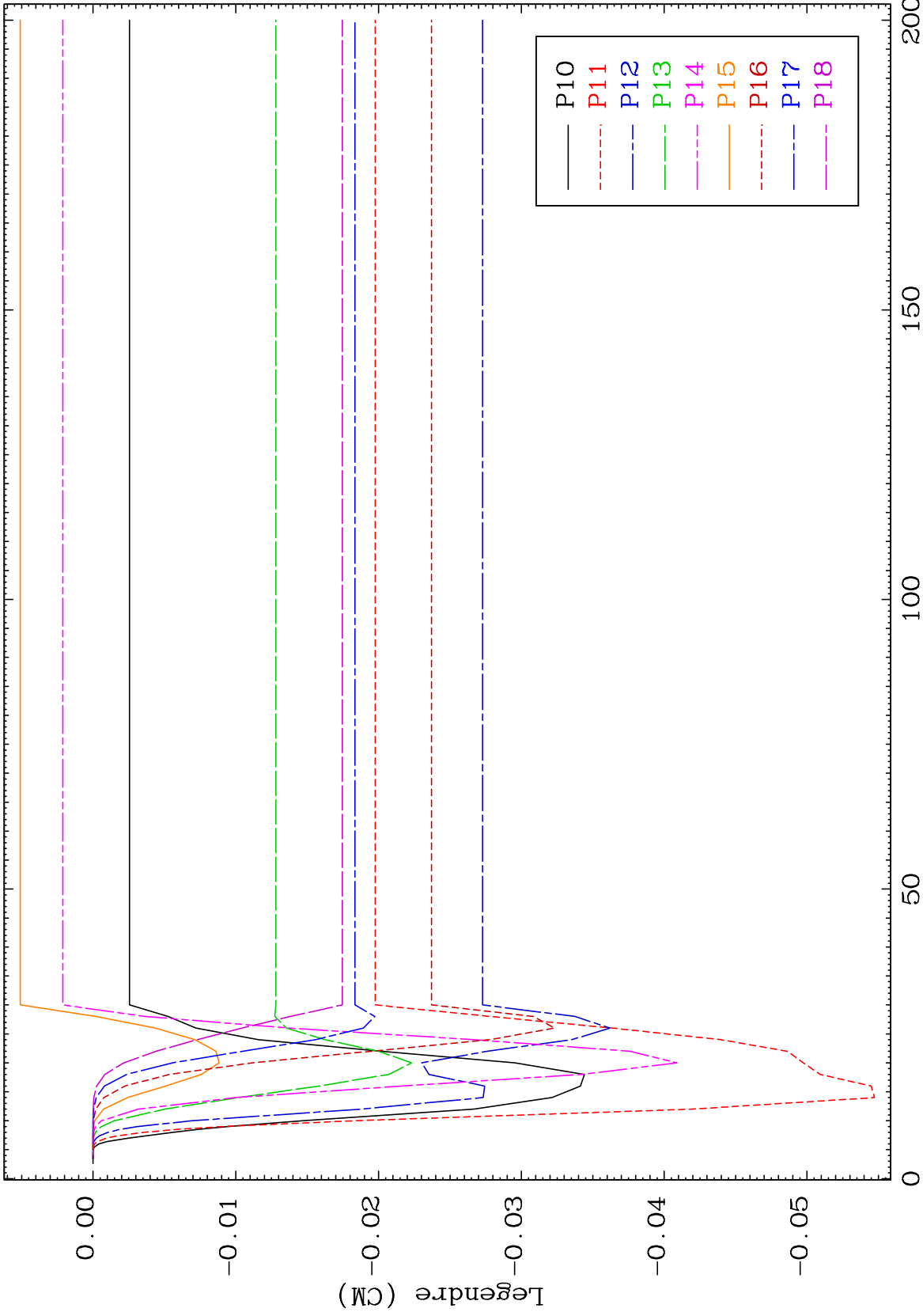
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

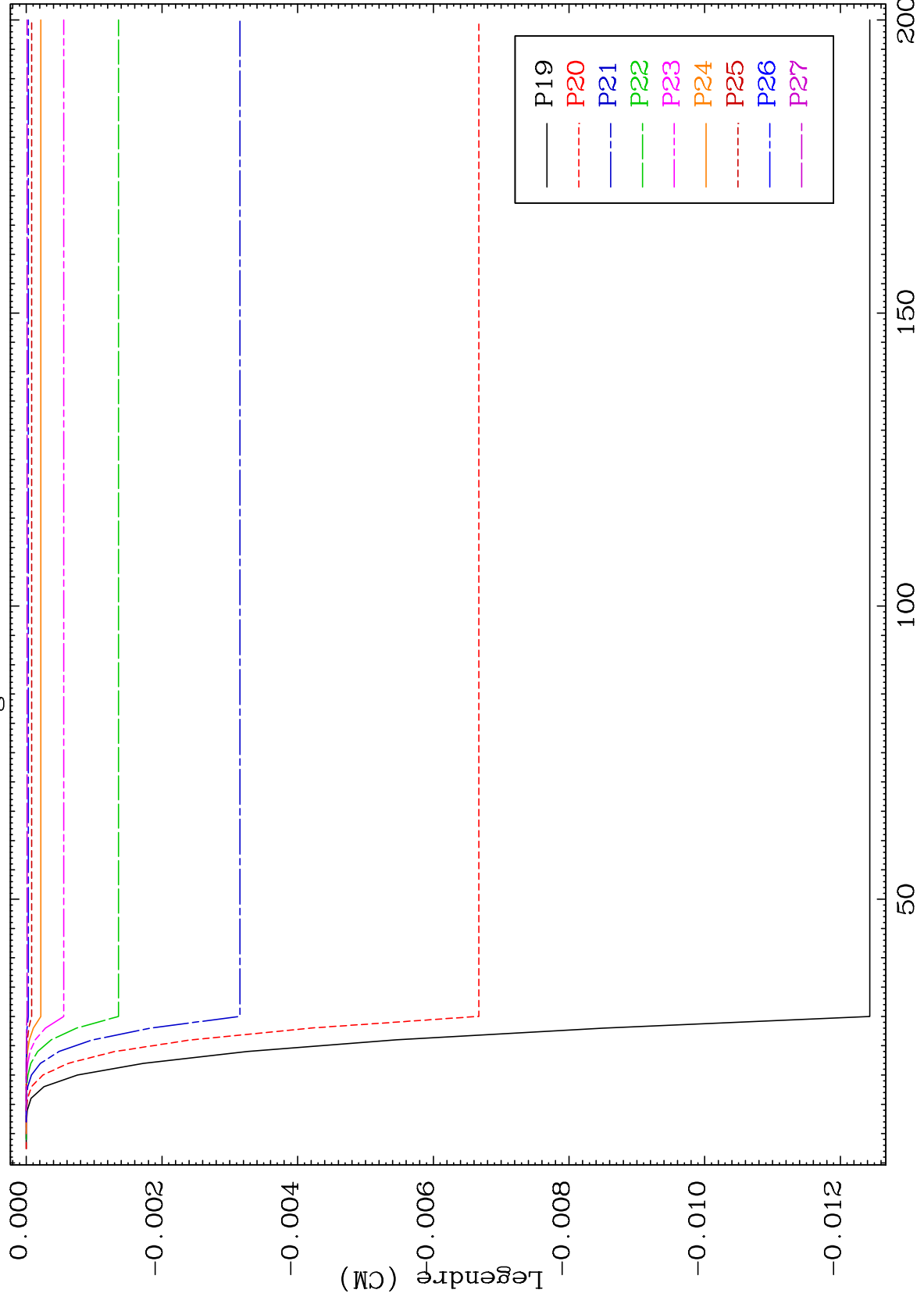


73

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 65 (n,n') Level Legendre Coefficients 54-Xe-122

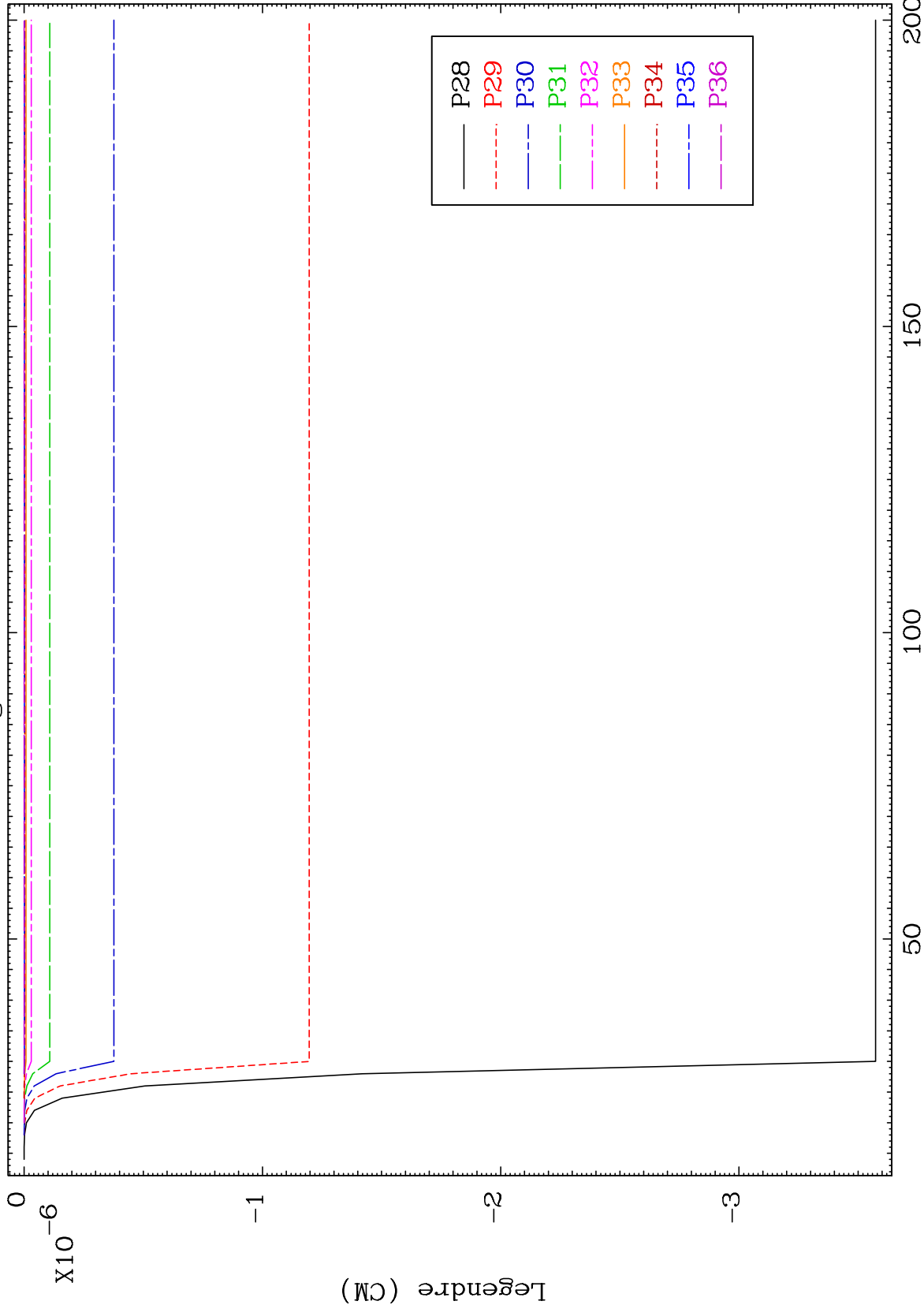


74 Incident Energy (MeV) 54-Xe-122

MAT 5419

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

54-Xe-122

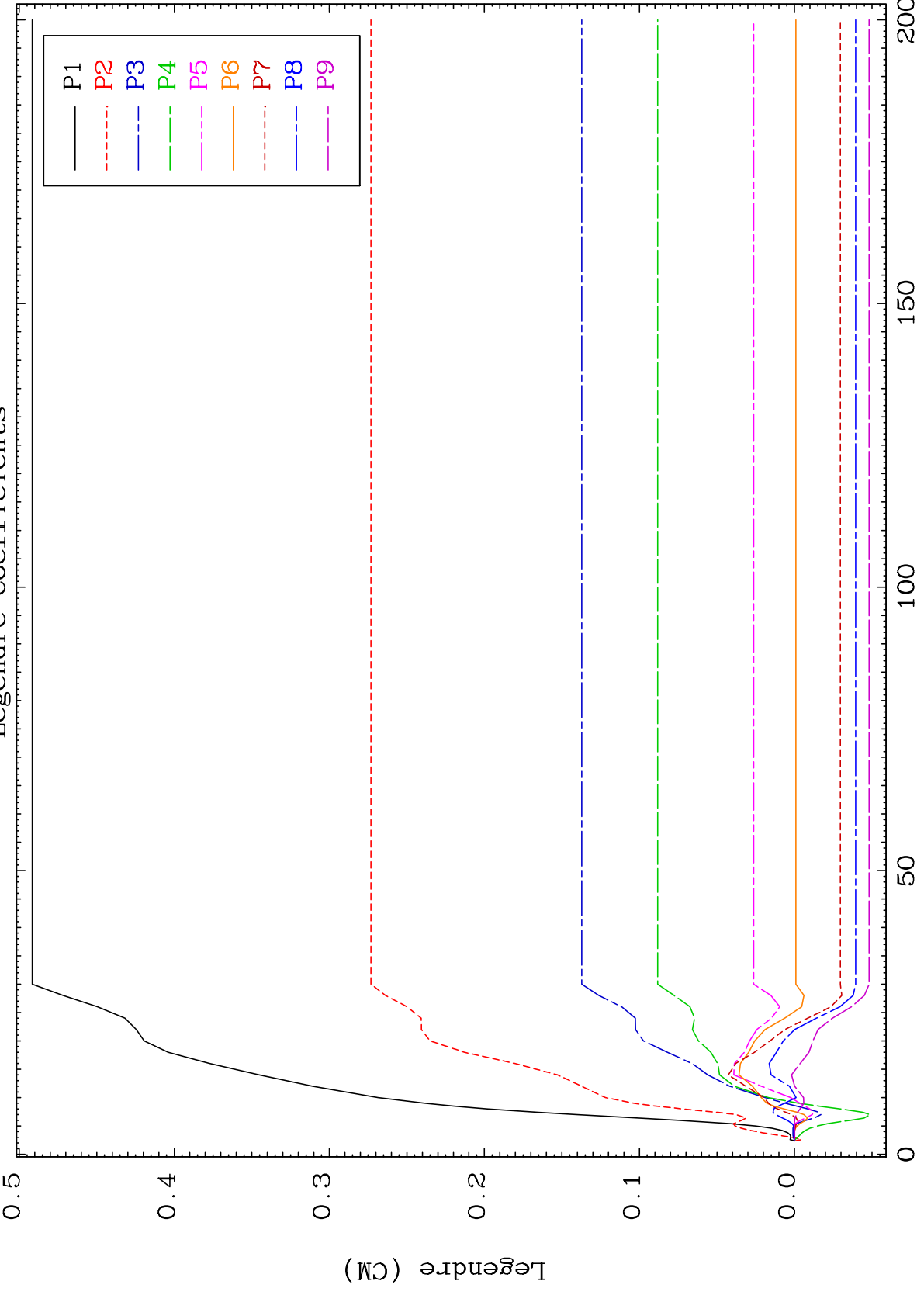


54-Xe-122

Incident Energy (MeV)

75

MAT 5419 MT= 66 (n,n') Level Legendre Coefficients 54-Xe-122

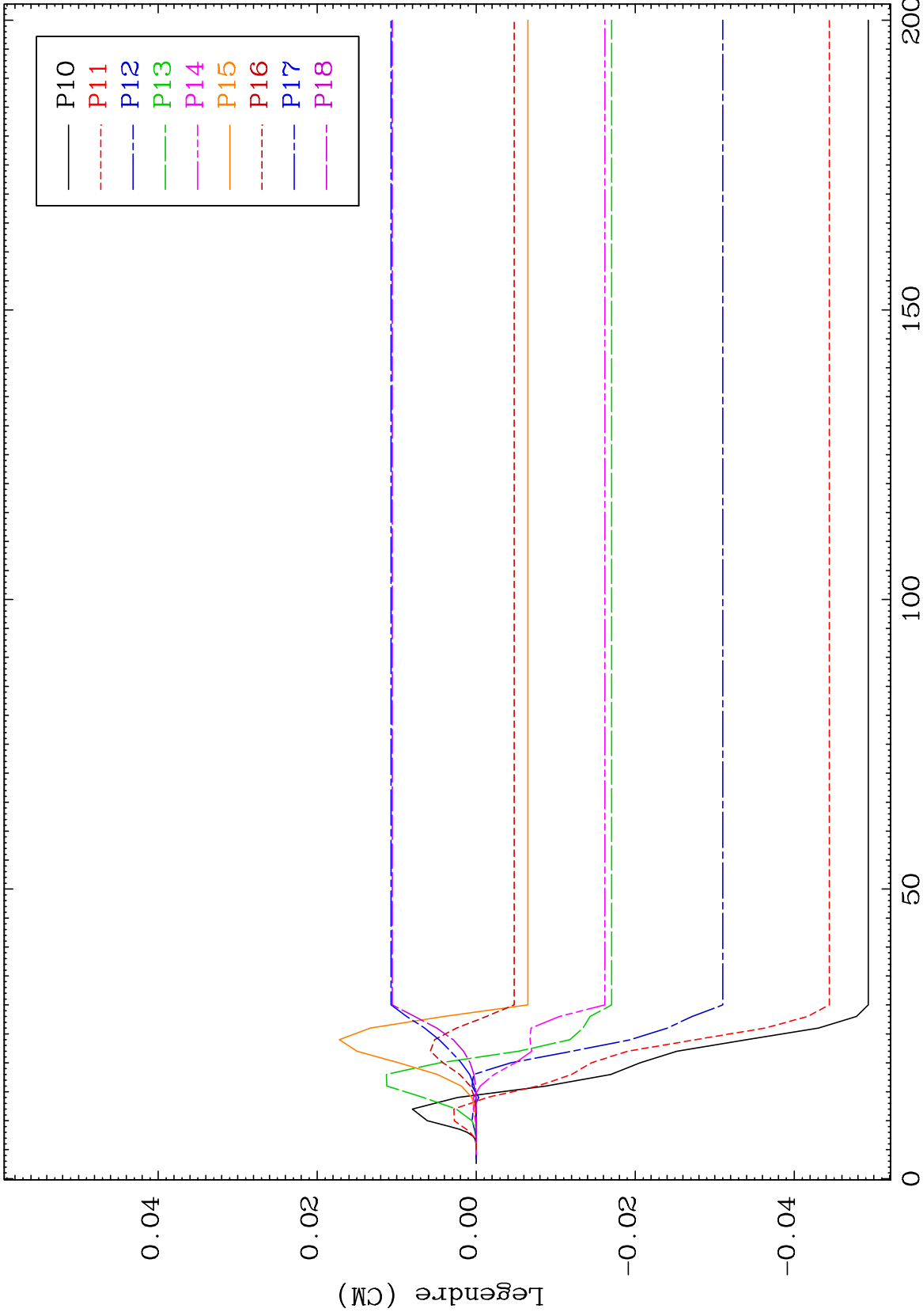


76 54-Xe-122

MAT 5419

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

54-Xe-122



77

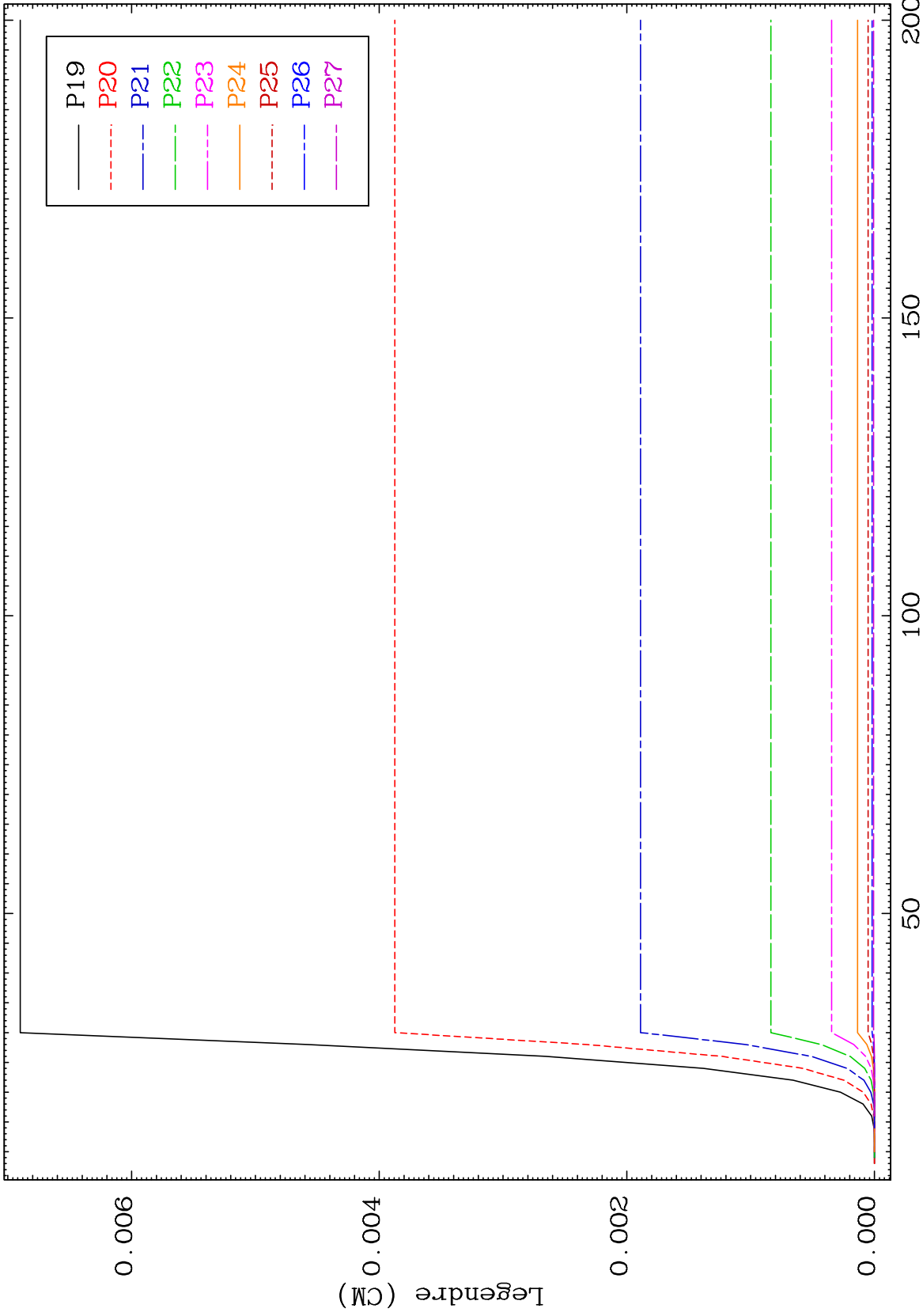
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



78

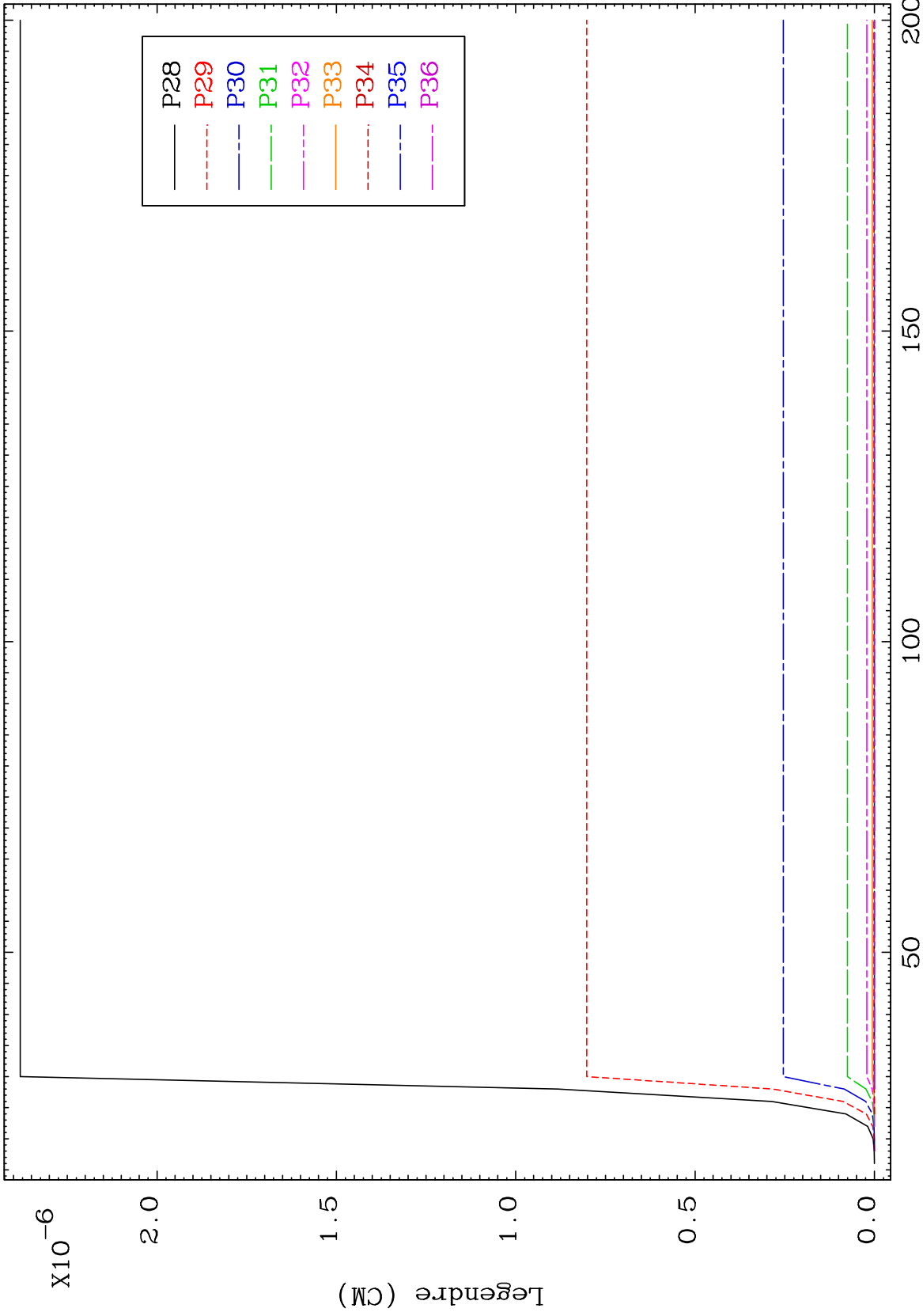
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



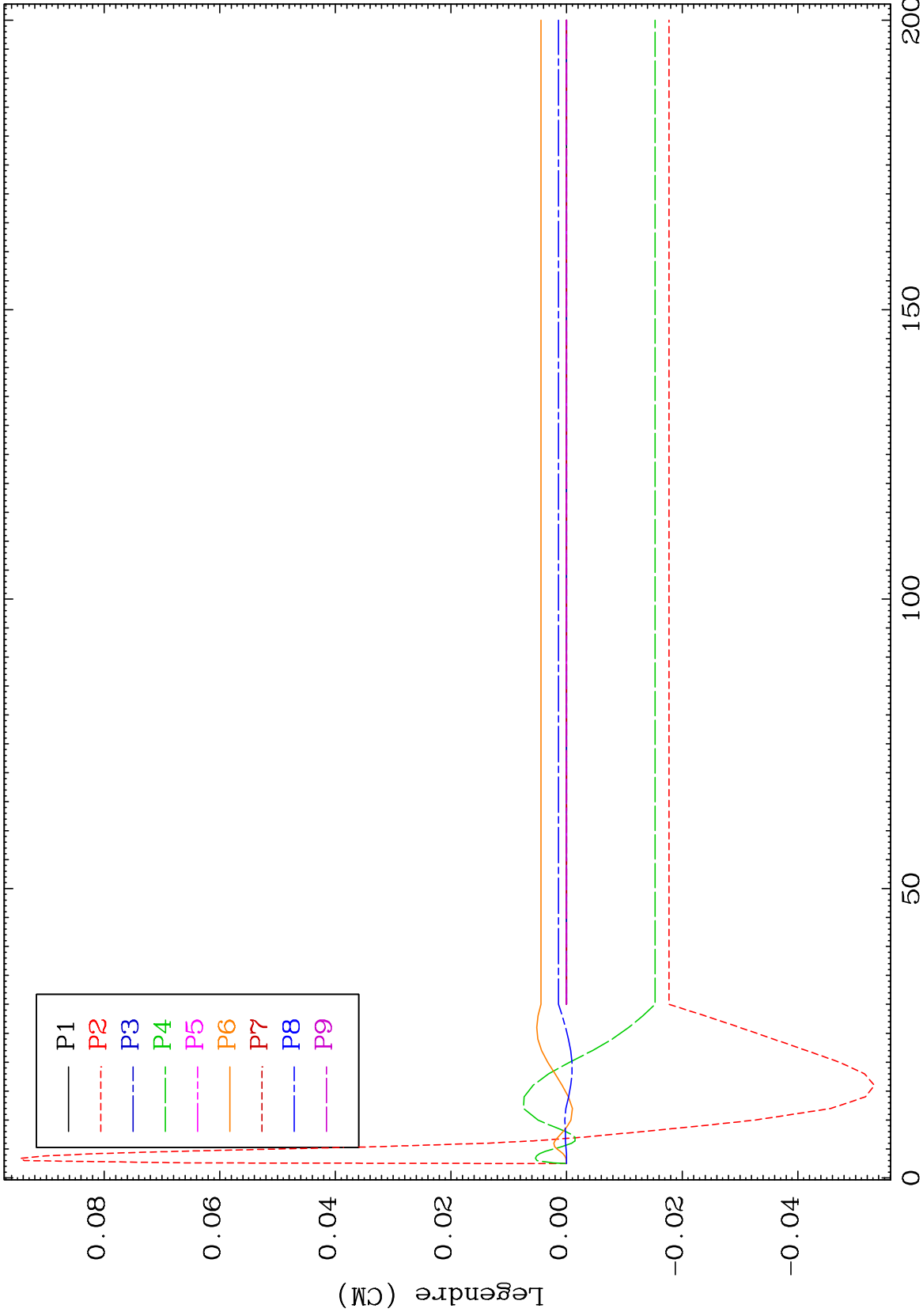
79

54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

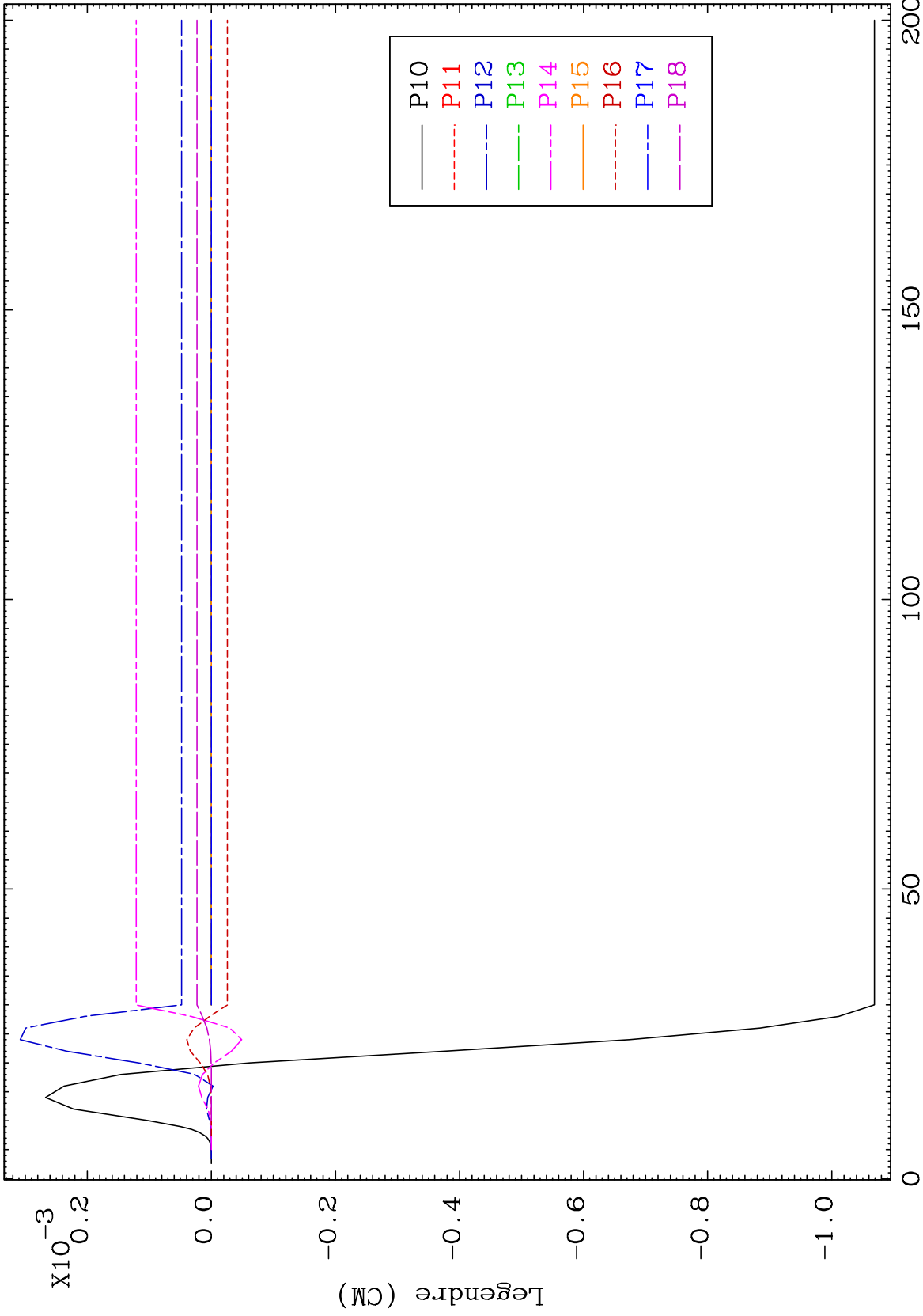
Incident Energy (MeV)

80

MAT 5419

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

54-Xe-122



81

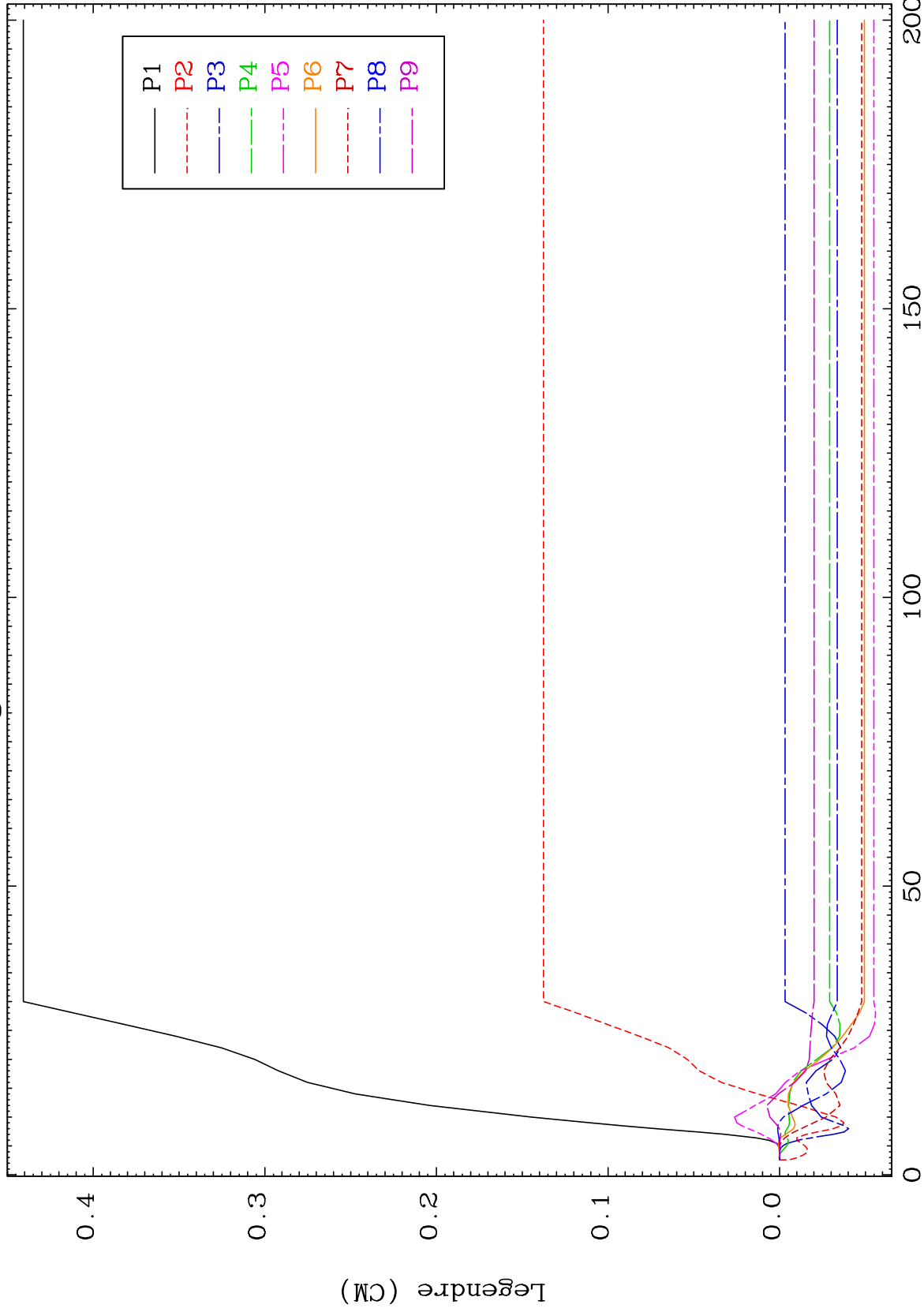
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



83

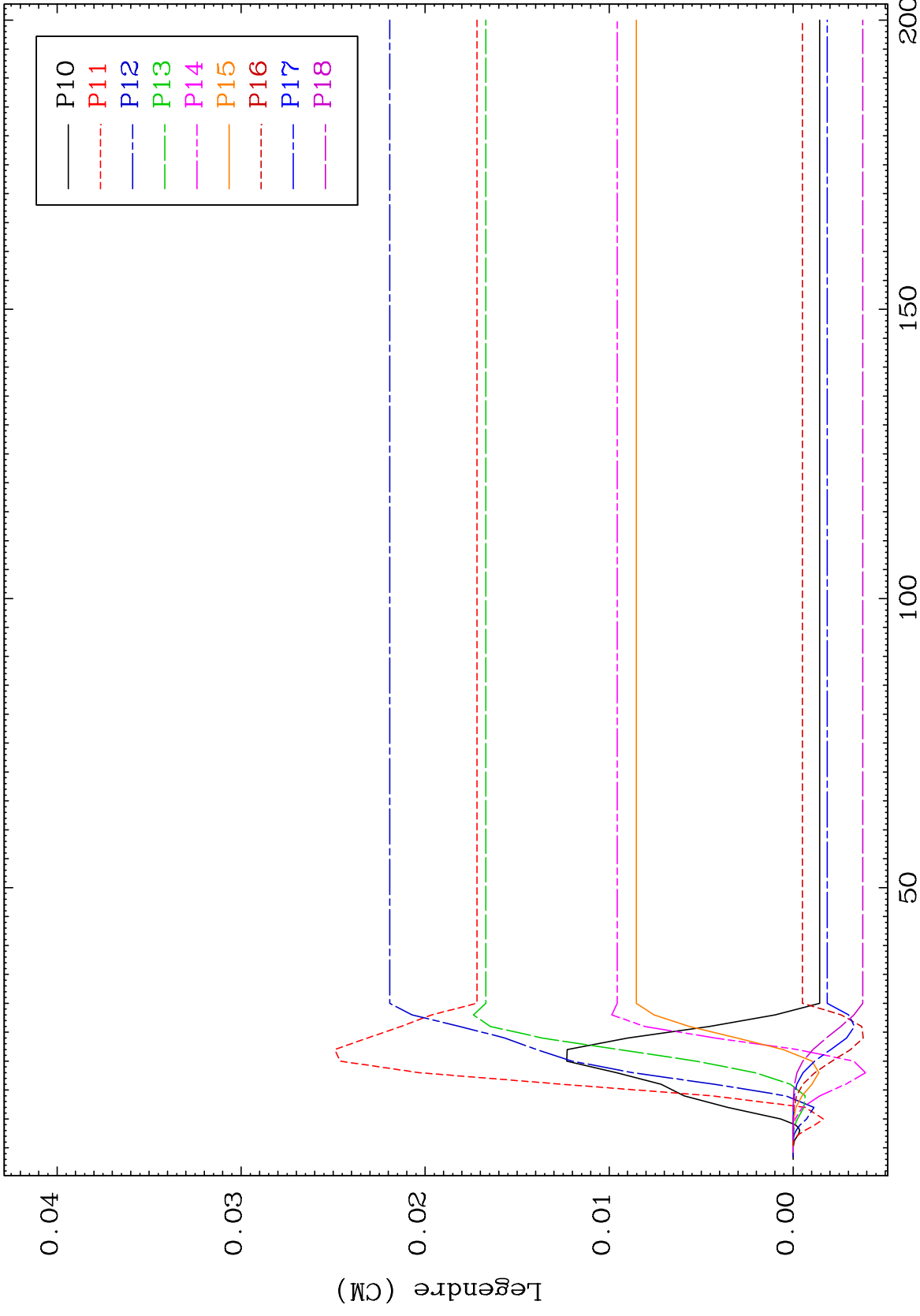
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



84

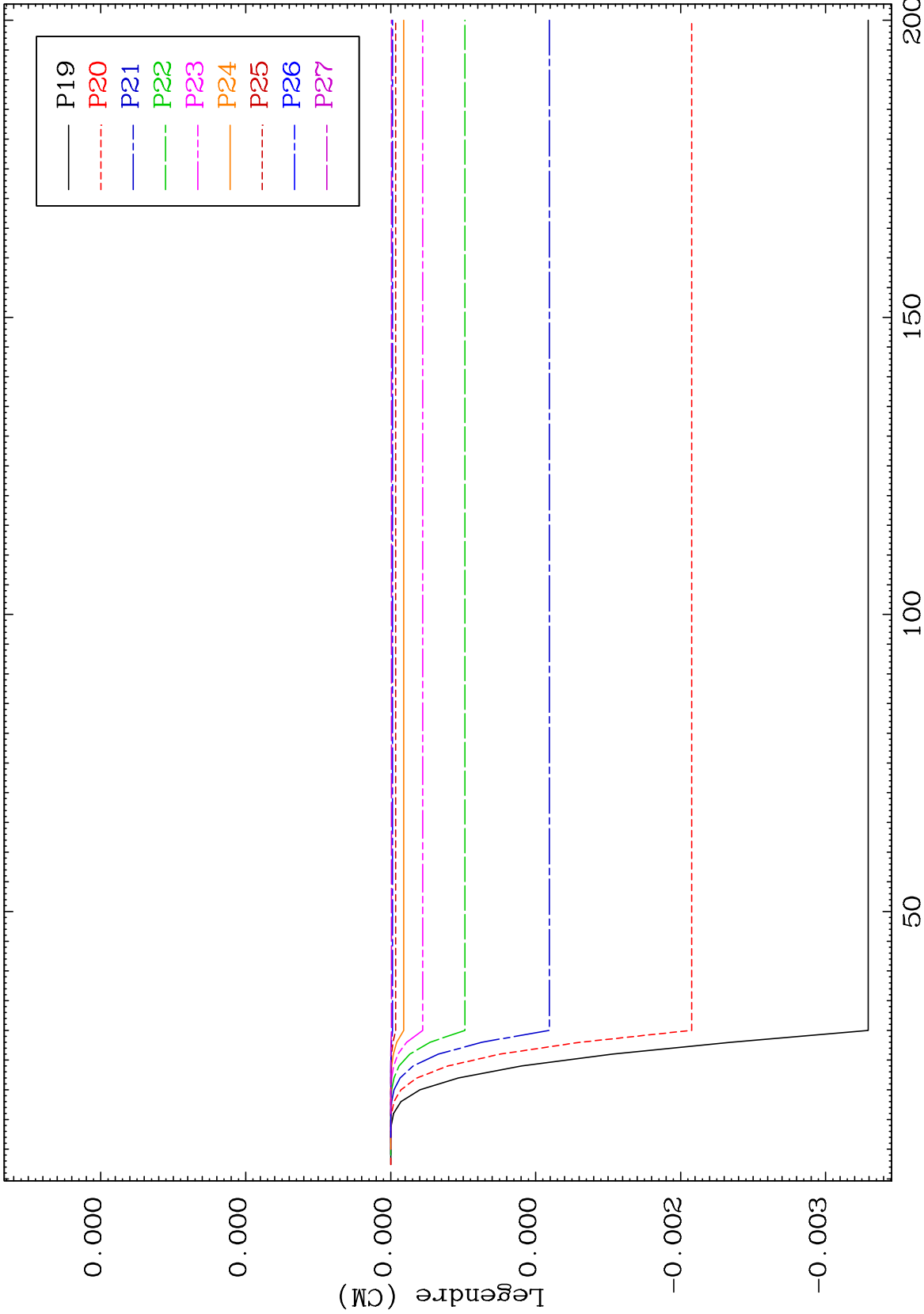
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



85

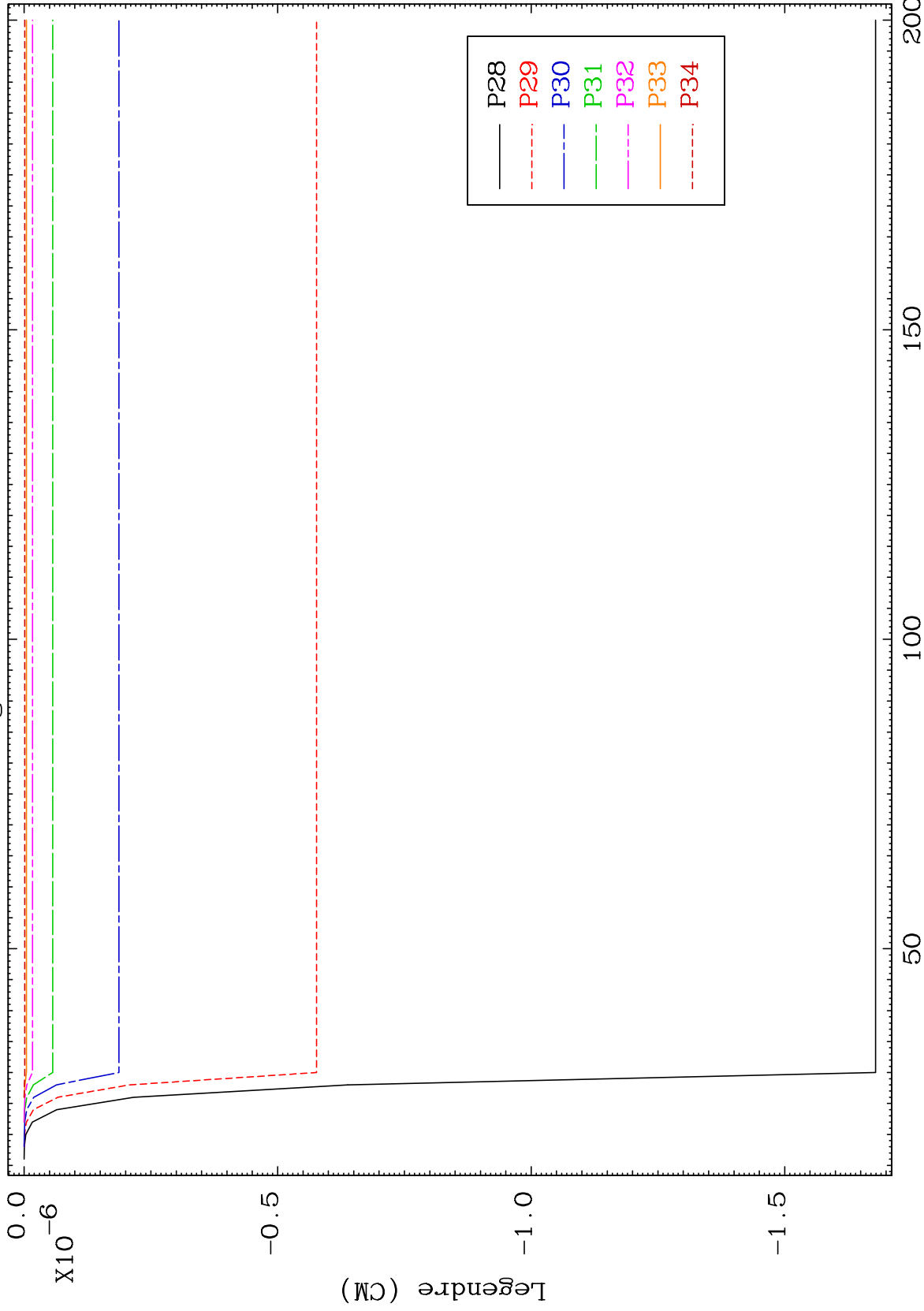
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



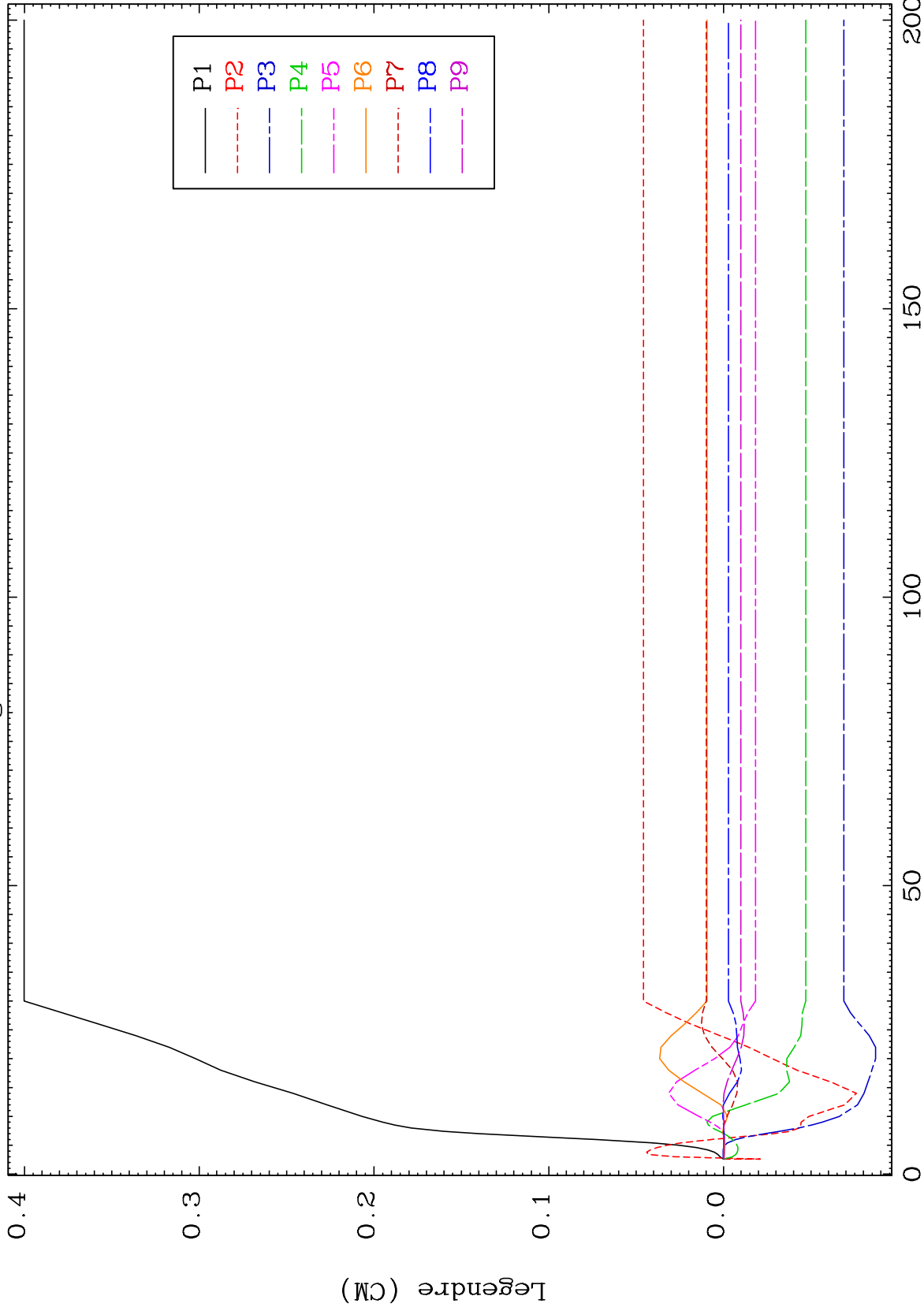
86

54-Xe-122

MAT 5419

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

54-Xe-122



87

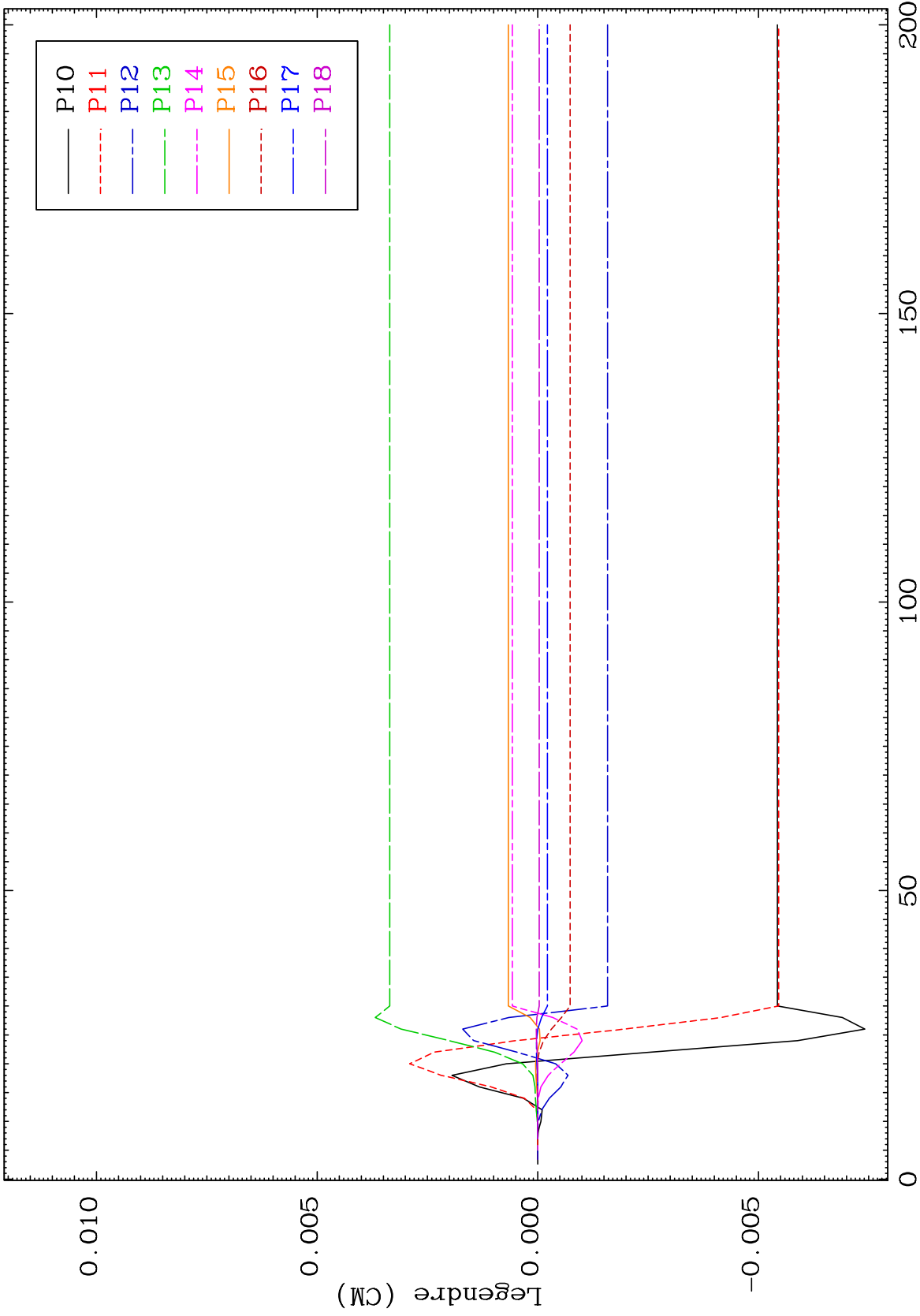
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



88

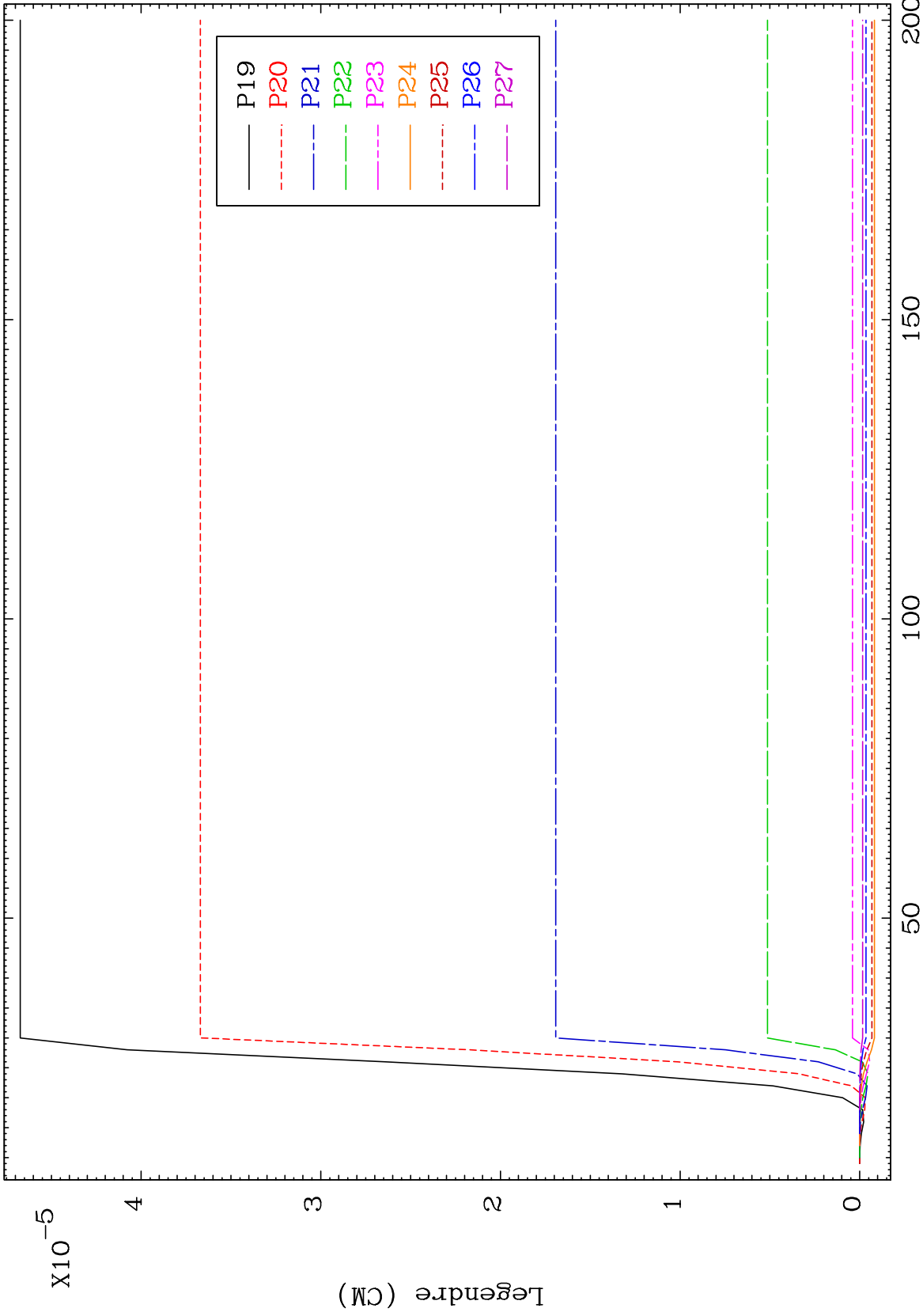
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

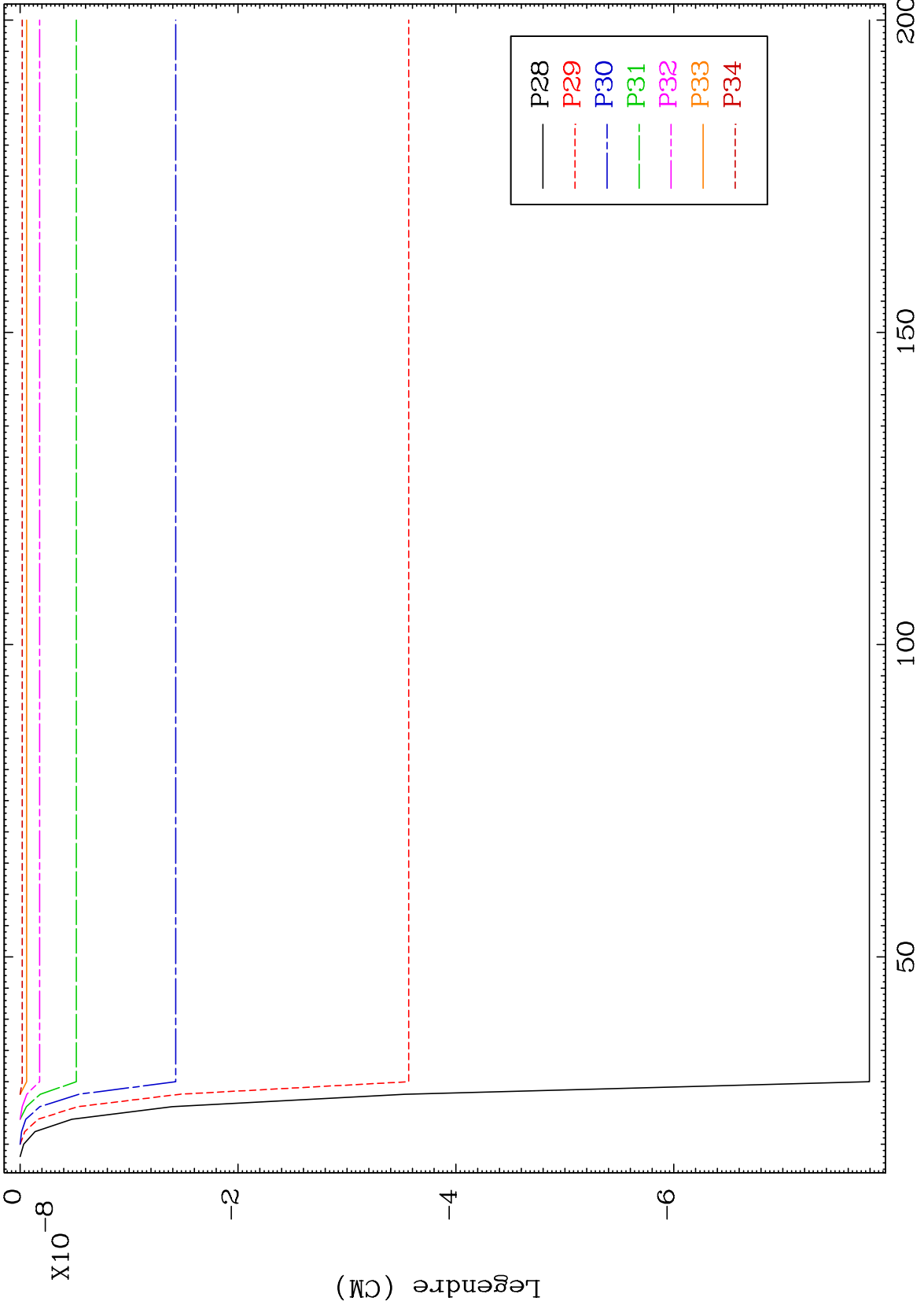


89

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 69 (n,n') Level Legendre Coefficients 54-Xe-122

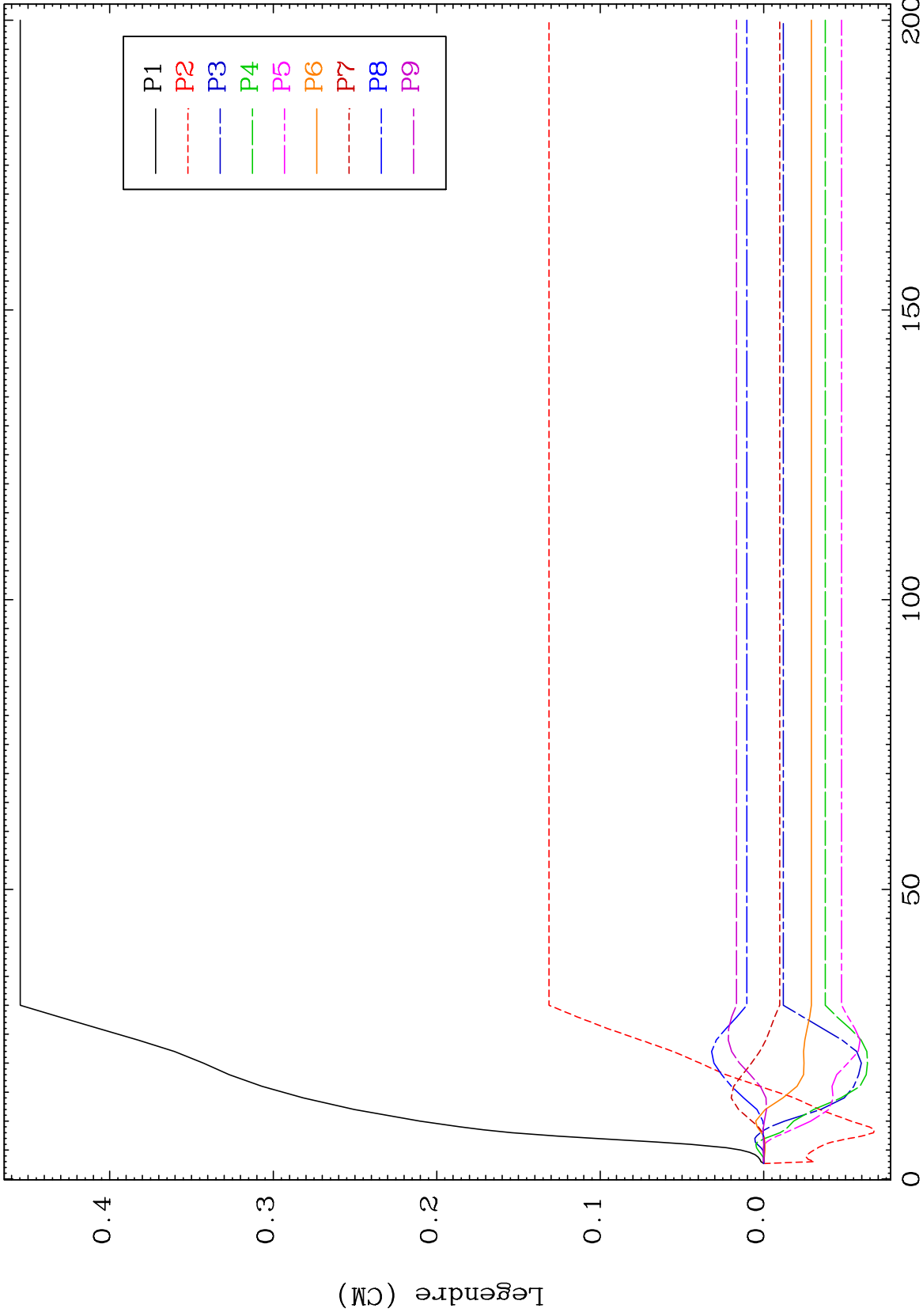


90 Incident Energy (MeV) 54-Xe-122

MAT 5419

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

54-Xe-122



91

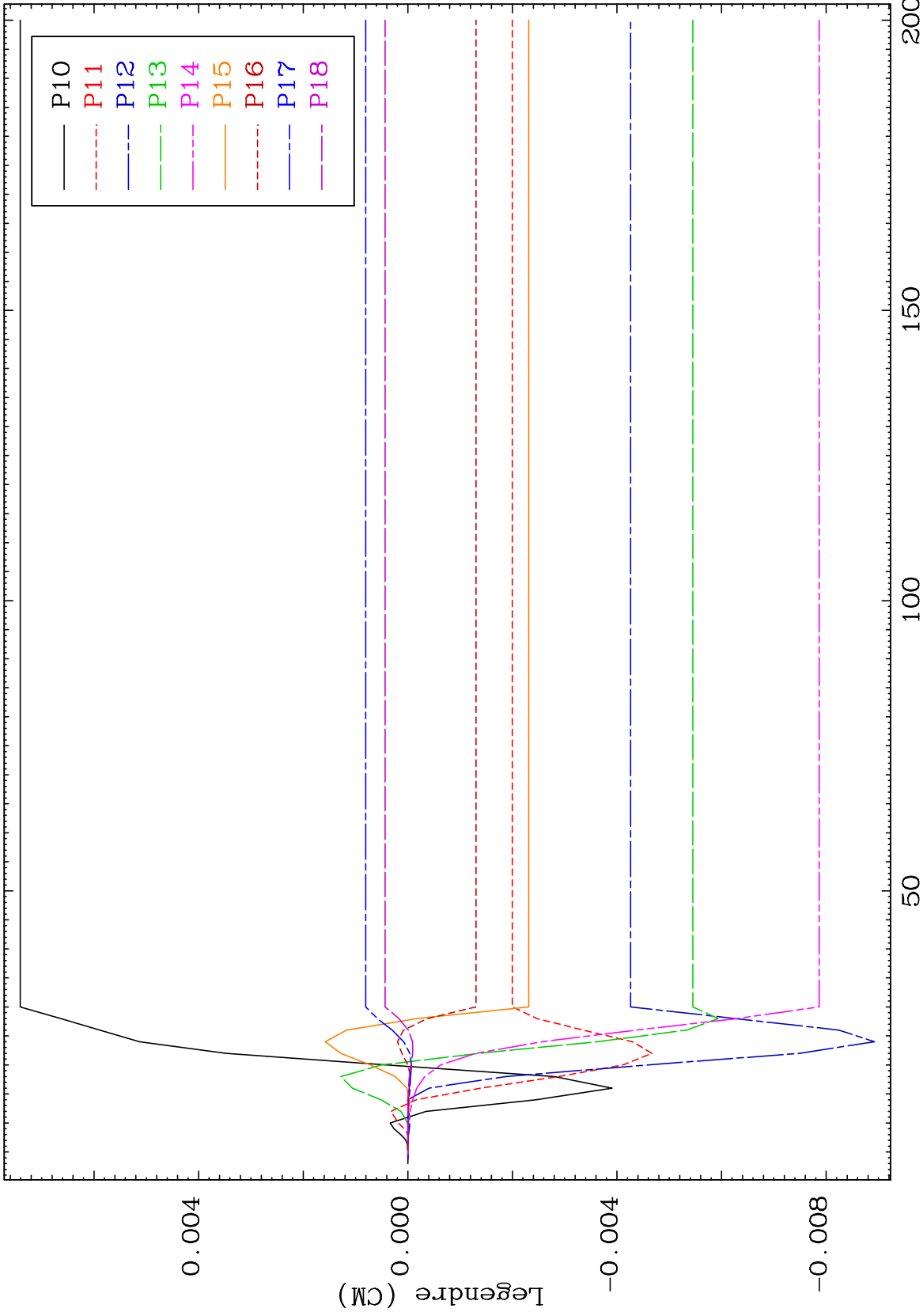
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



92

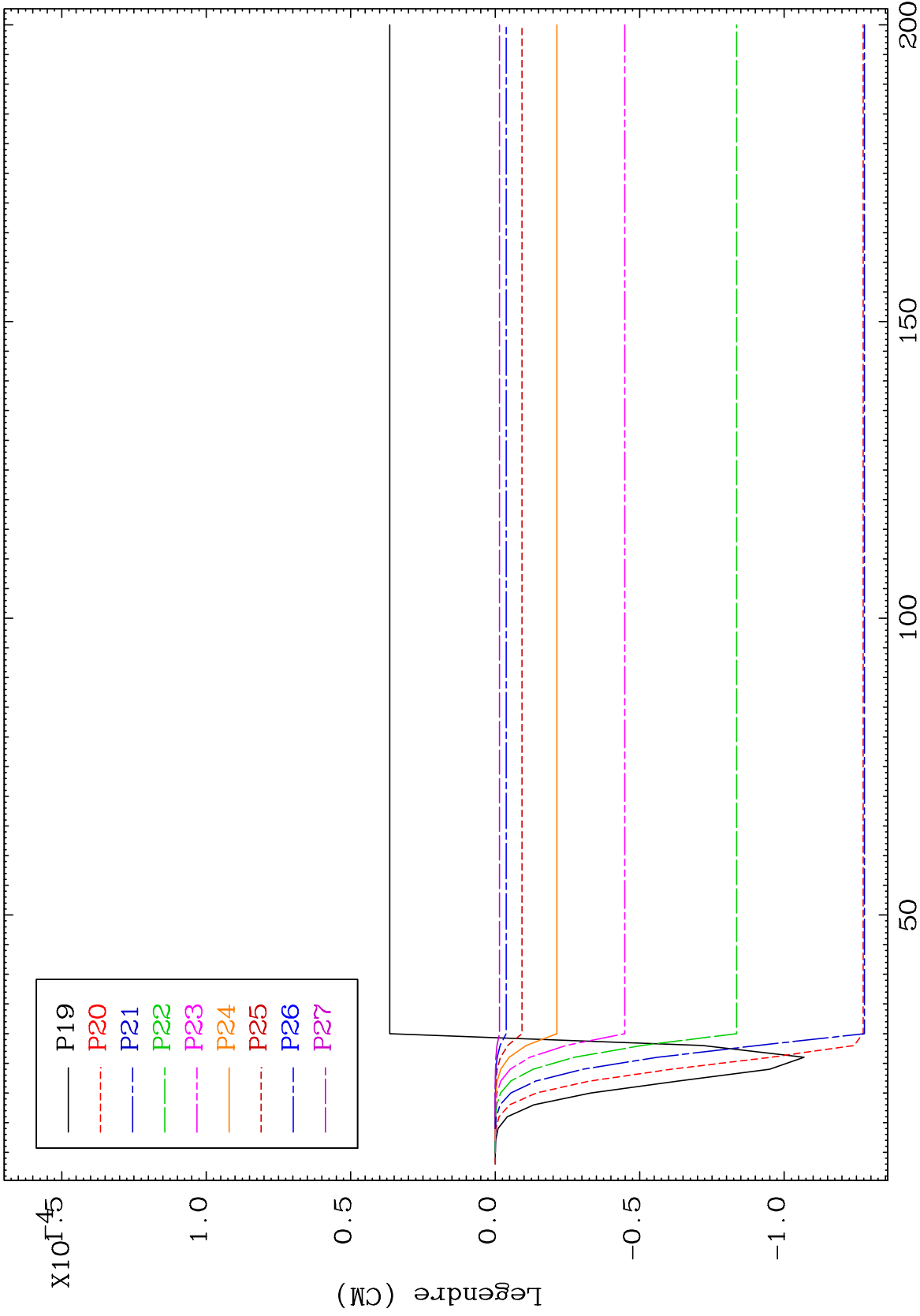
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



93

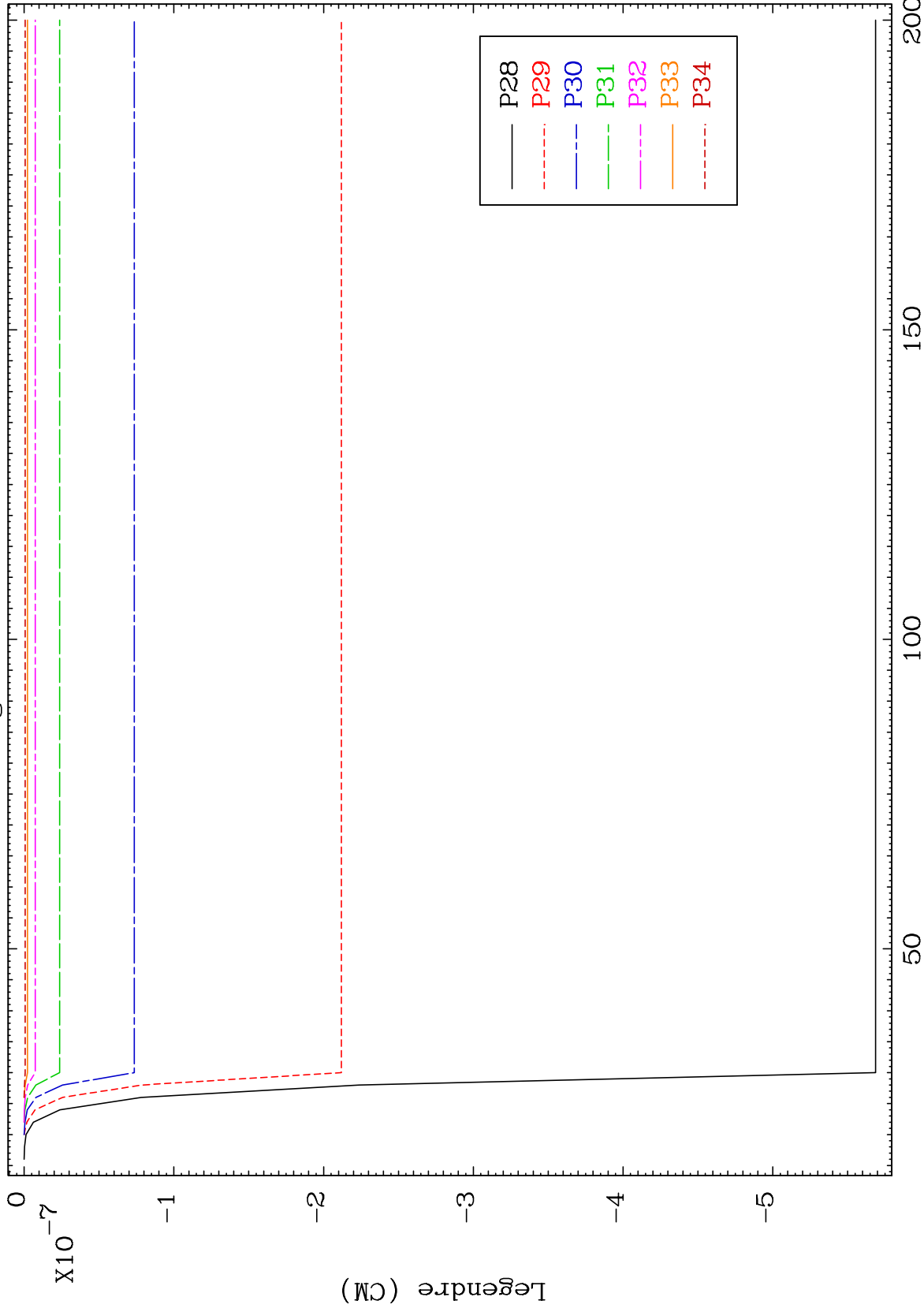
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



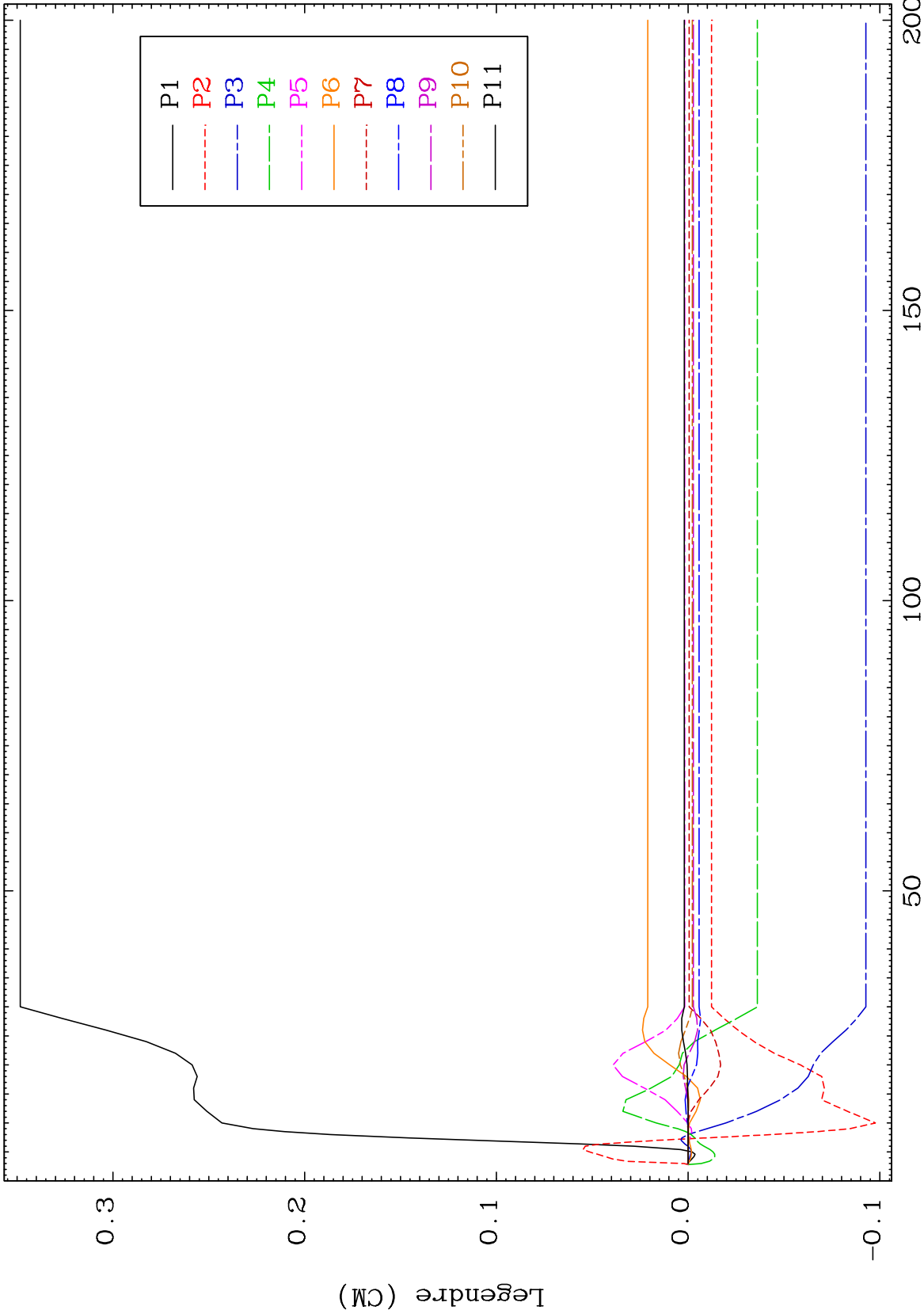
94

54-Xe-122

MAT 5419

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

54-Xe-122



95

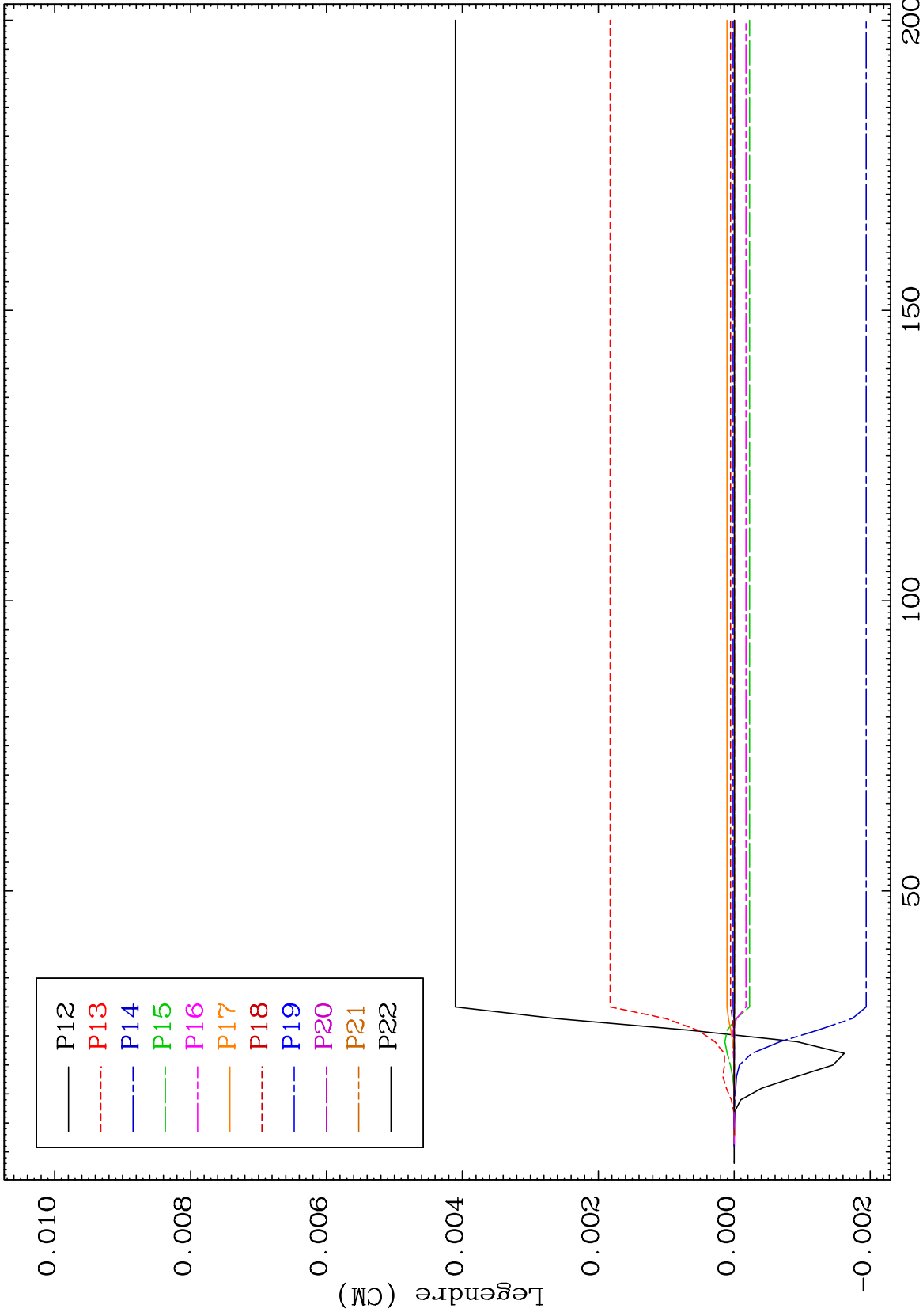
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



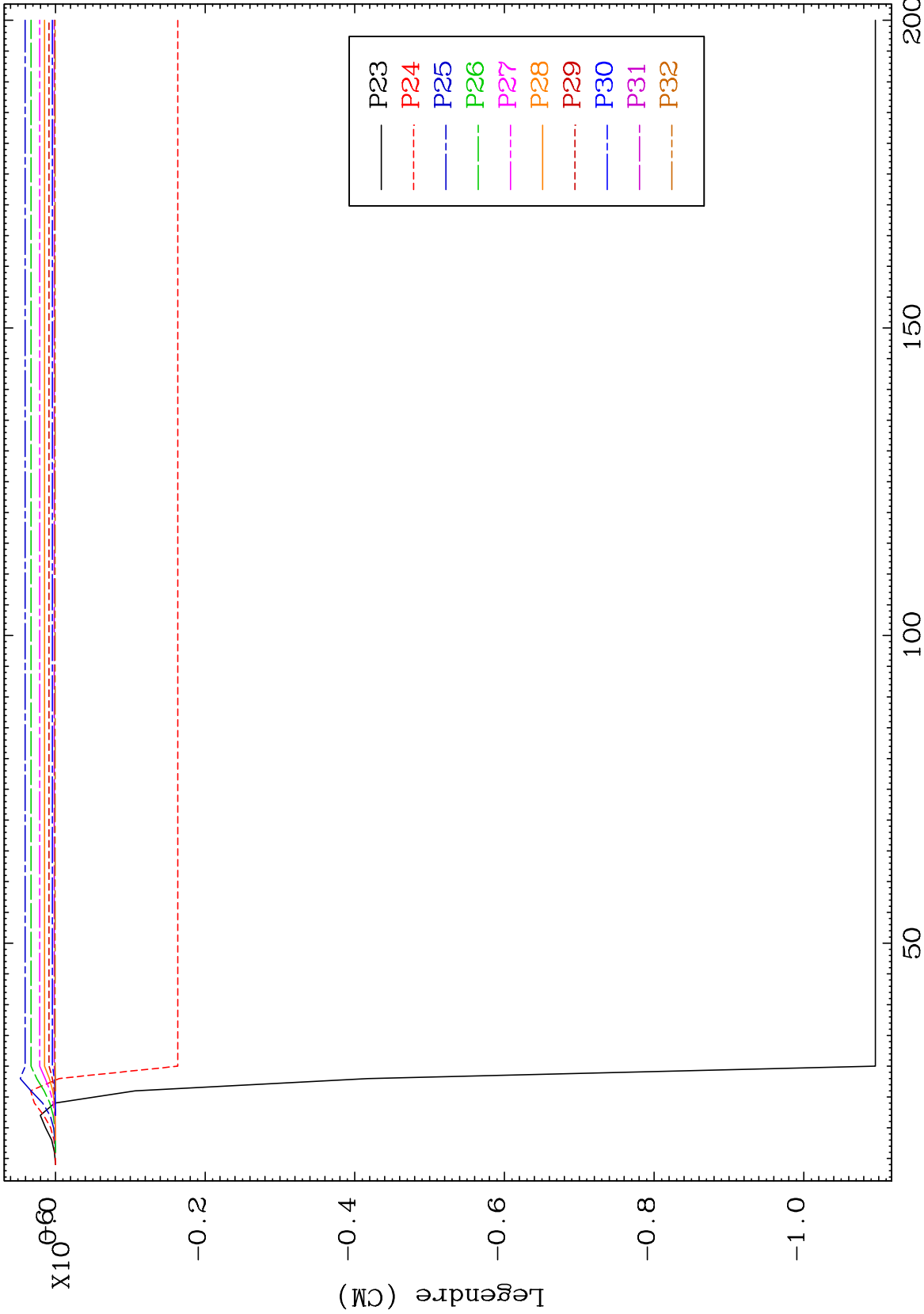
96

54-Xe-122

MAT 5419

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

54-Xe-122



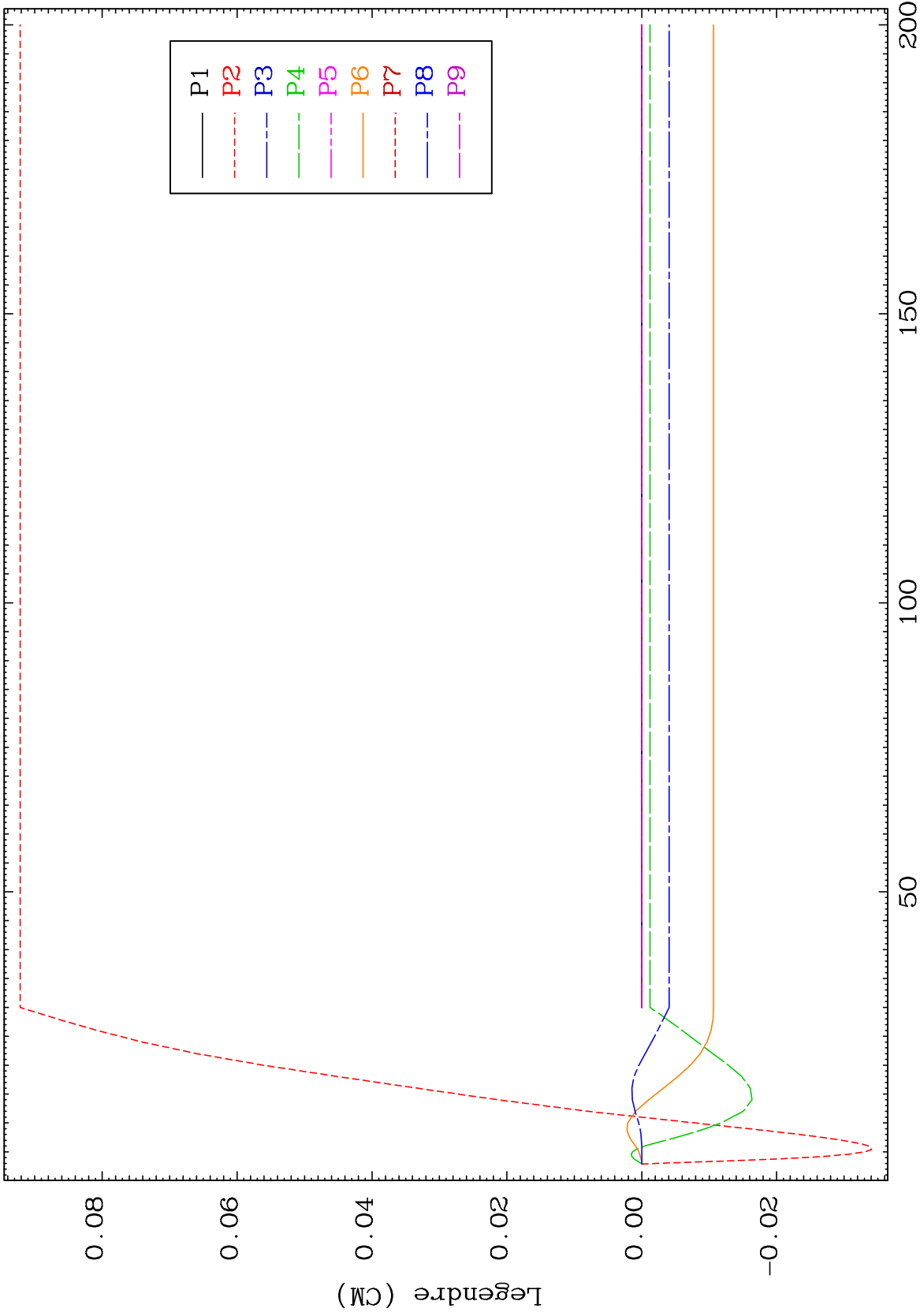
97

54-Xe-122

MAT 5419

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

54-Xe-122



98

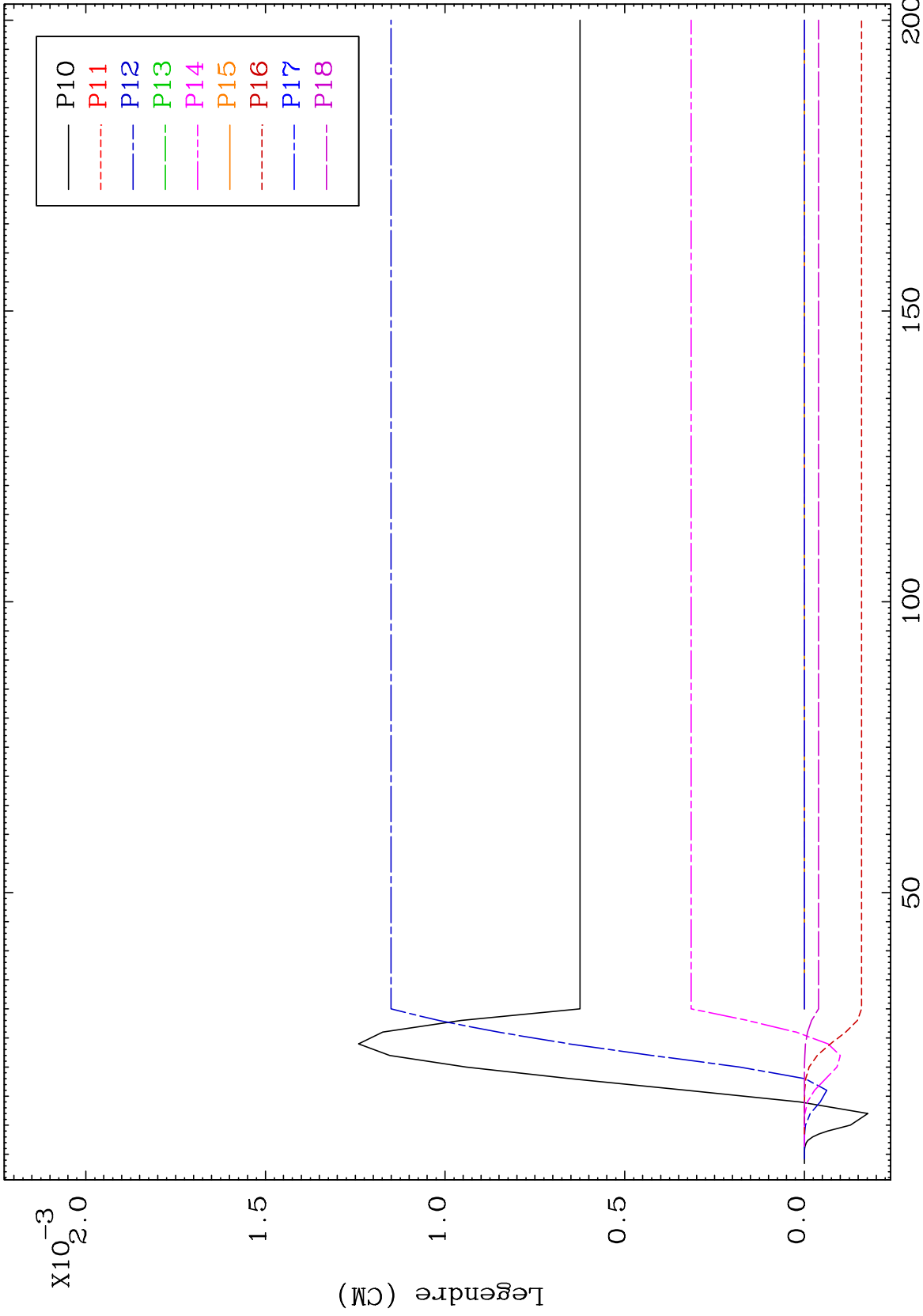
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

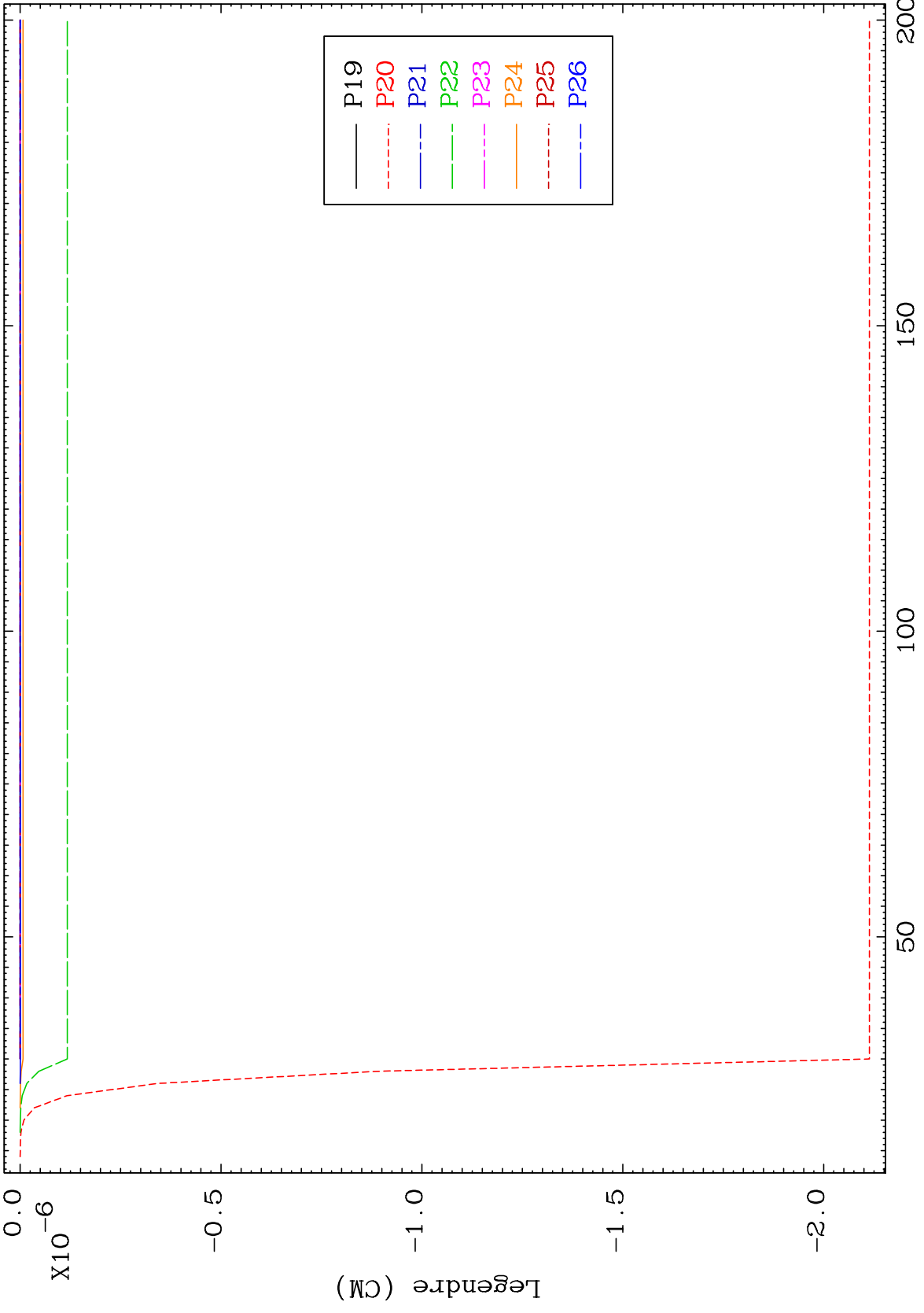
54-Xe-122



99

54-Xe-122

MAT 5419 MT= 72 (n,n') Level Legendre Coefficients 54-Xe-122

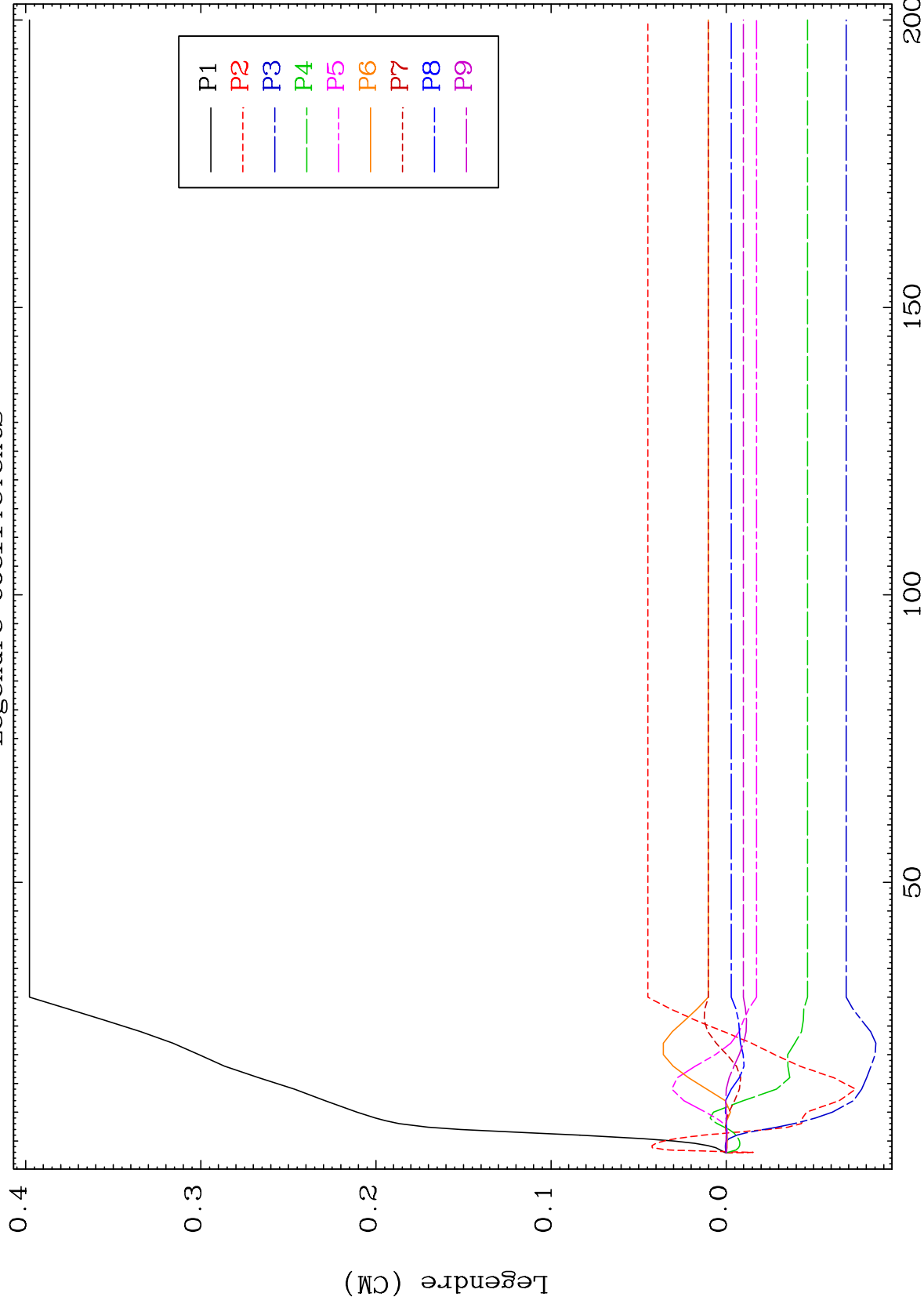


100 50 150 200 Incident Energy (MeV) 54-Xe-122

MAT 5419

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

54-Xe-122



101

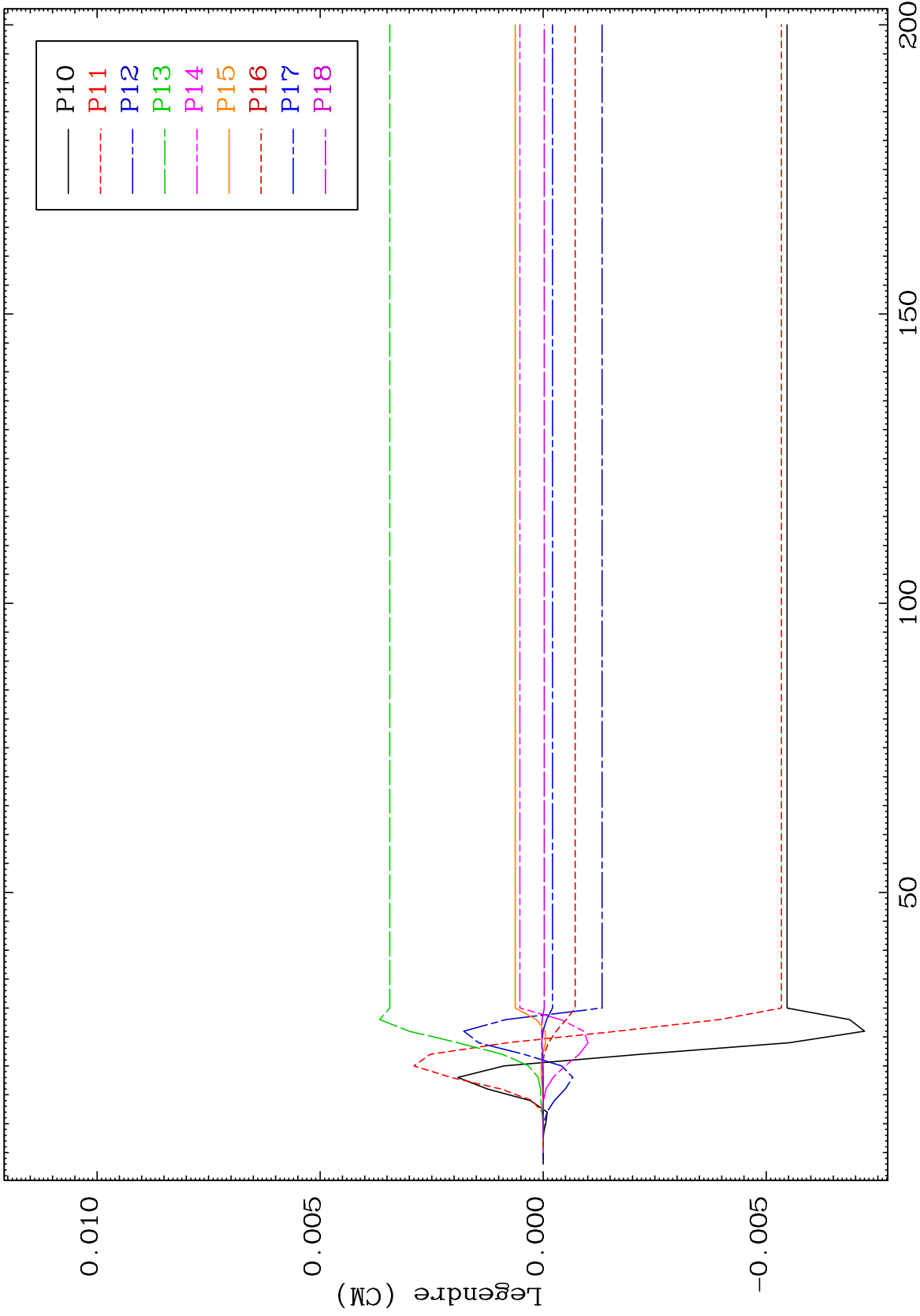
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



102

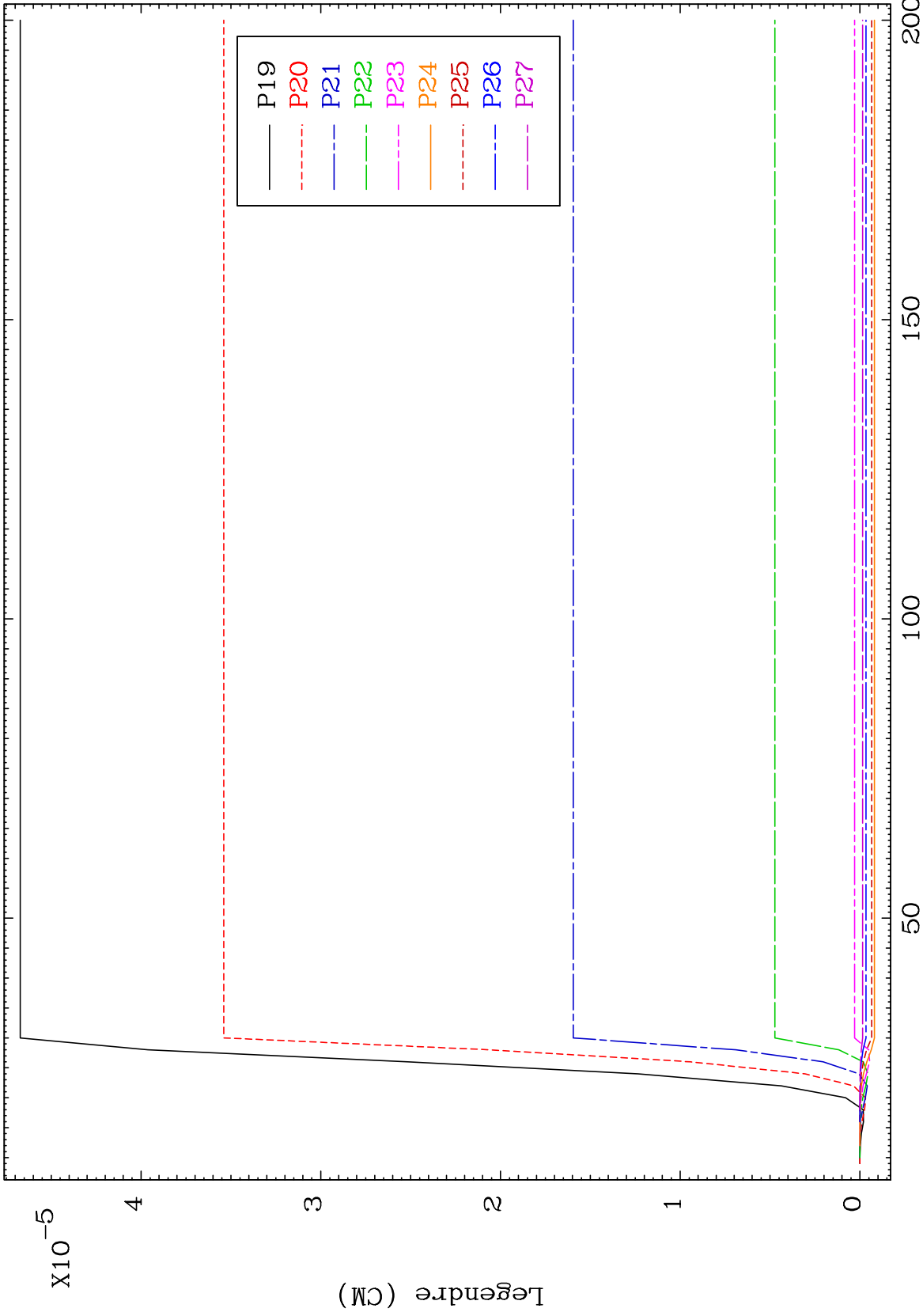
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

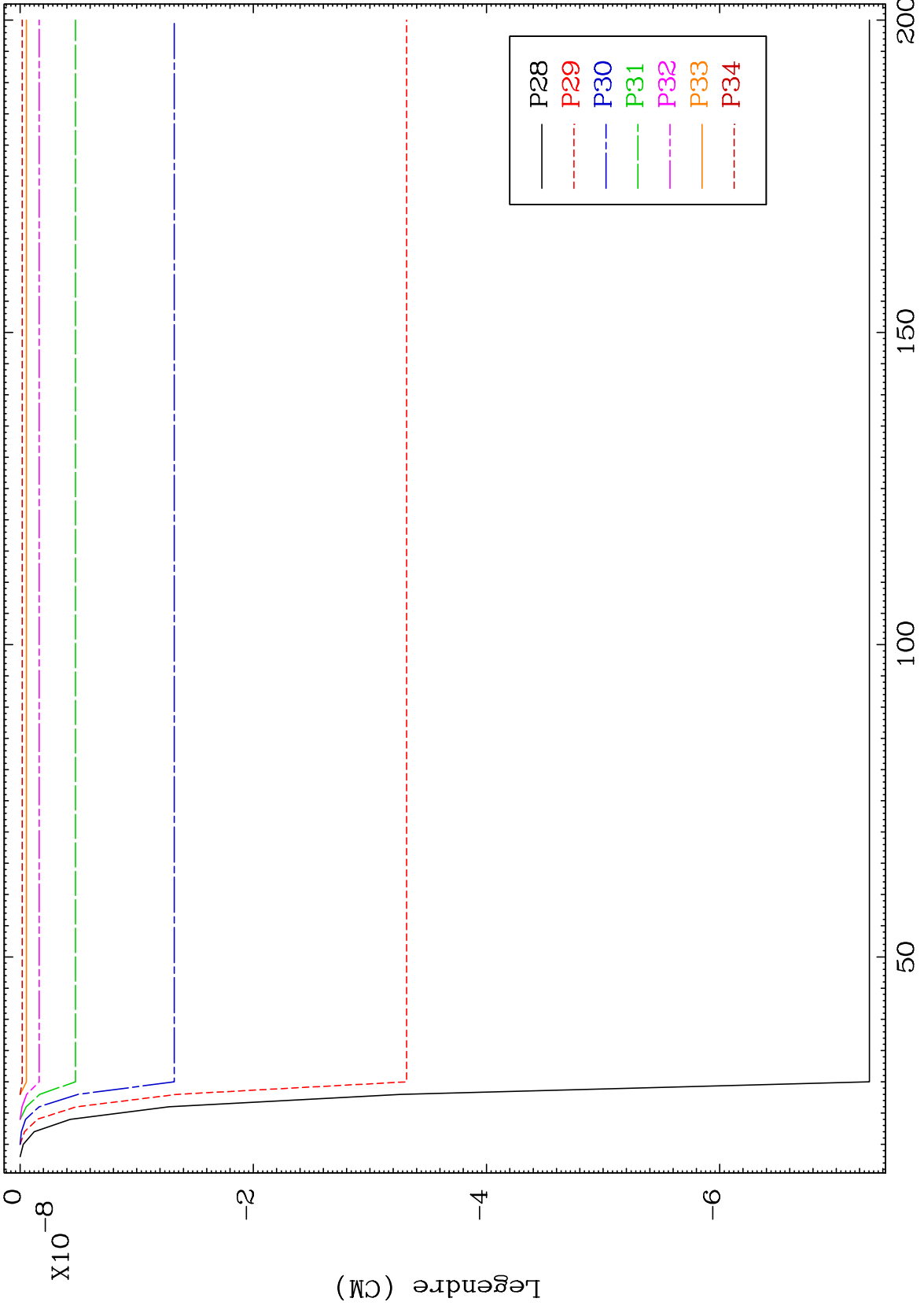


103

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 73 (n,n') Level Legendre Coefficients 54-Xe-122

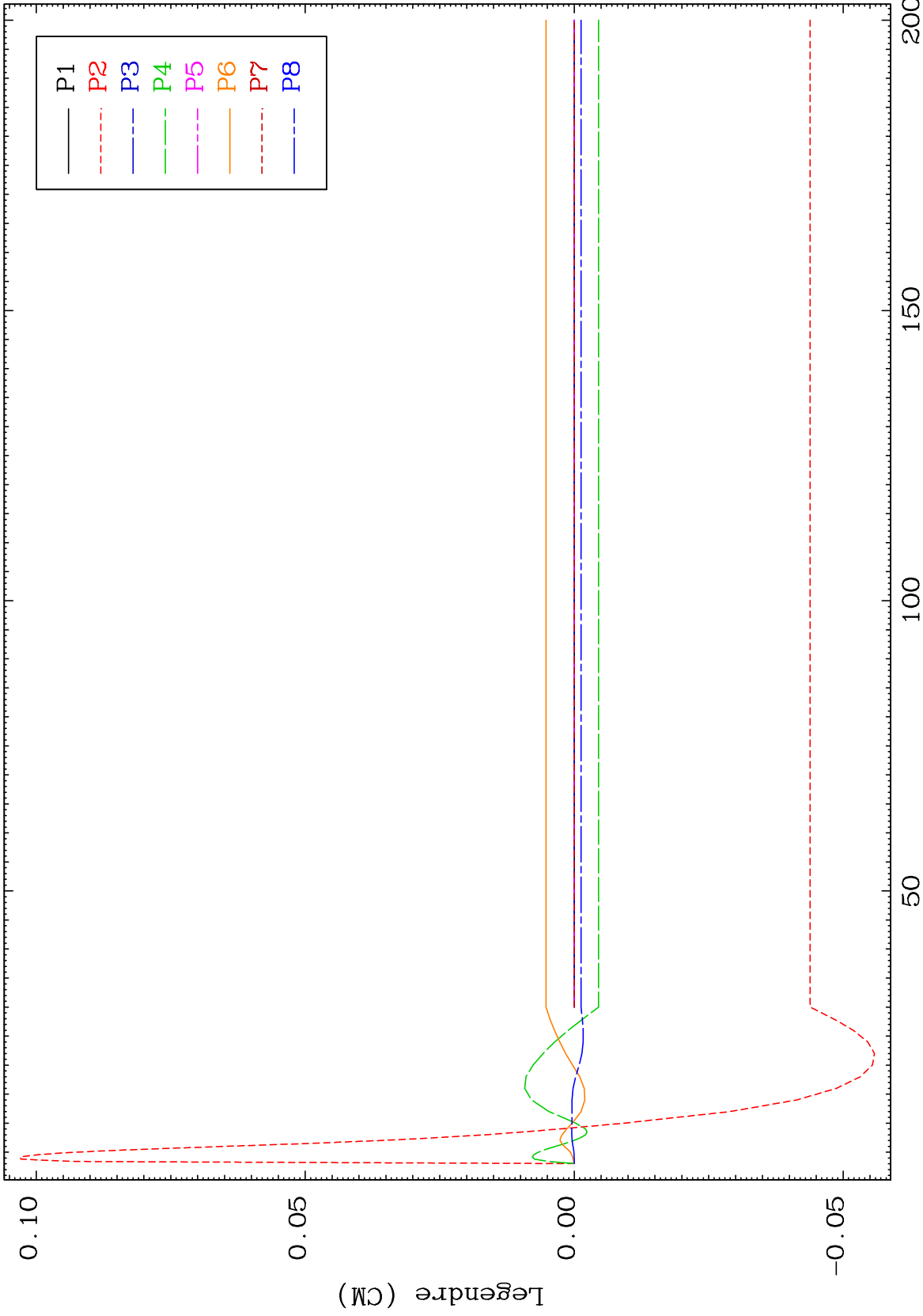


104 54-Xe-122

MAT 5419

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

54-Xe-122



54-Xe-122

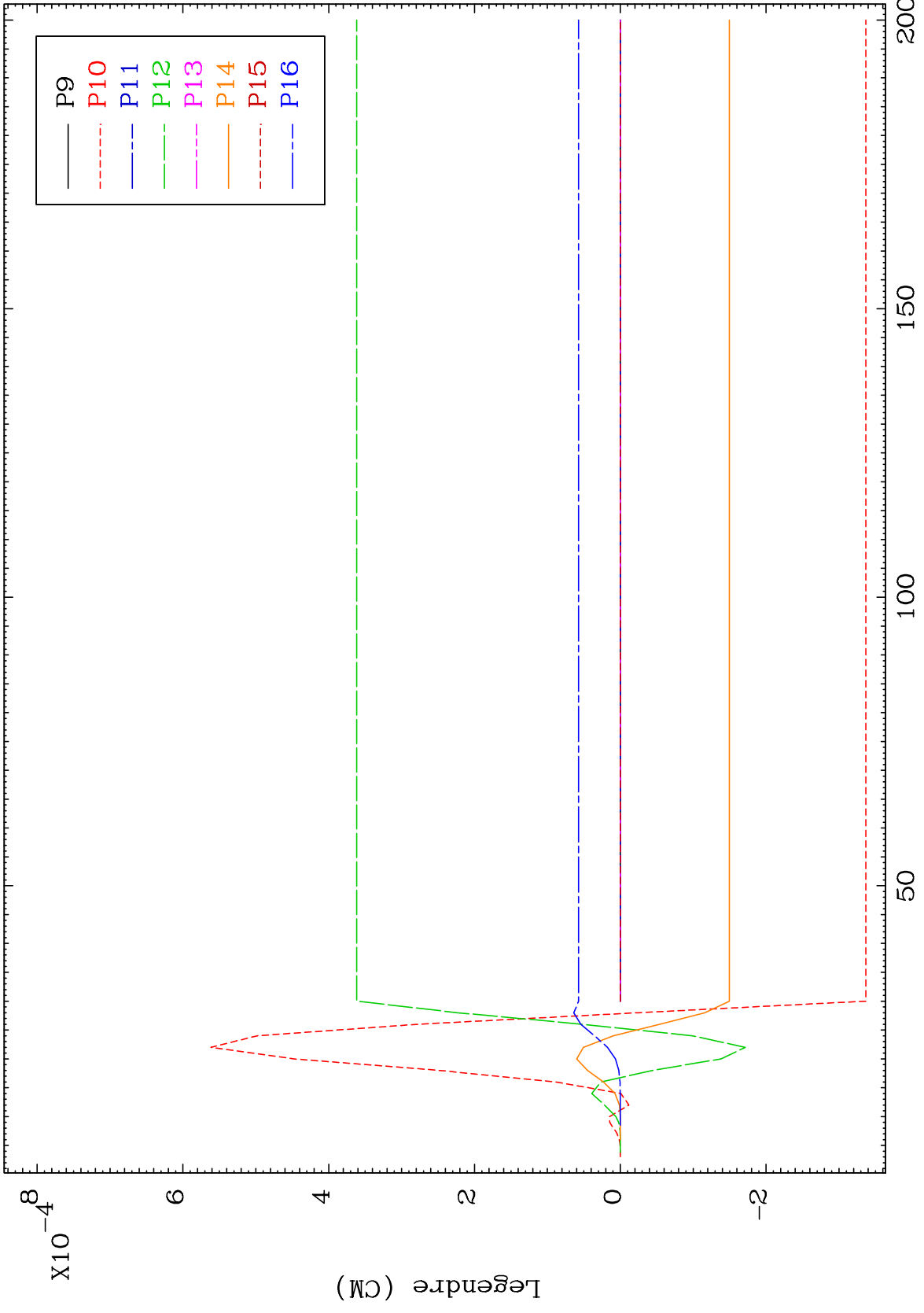
Incident Energy (MeV)

105

MAT 5419

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

54-Xe-122



106

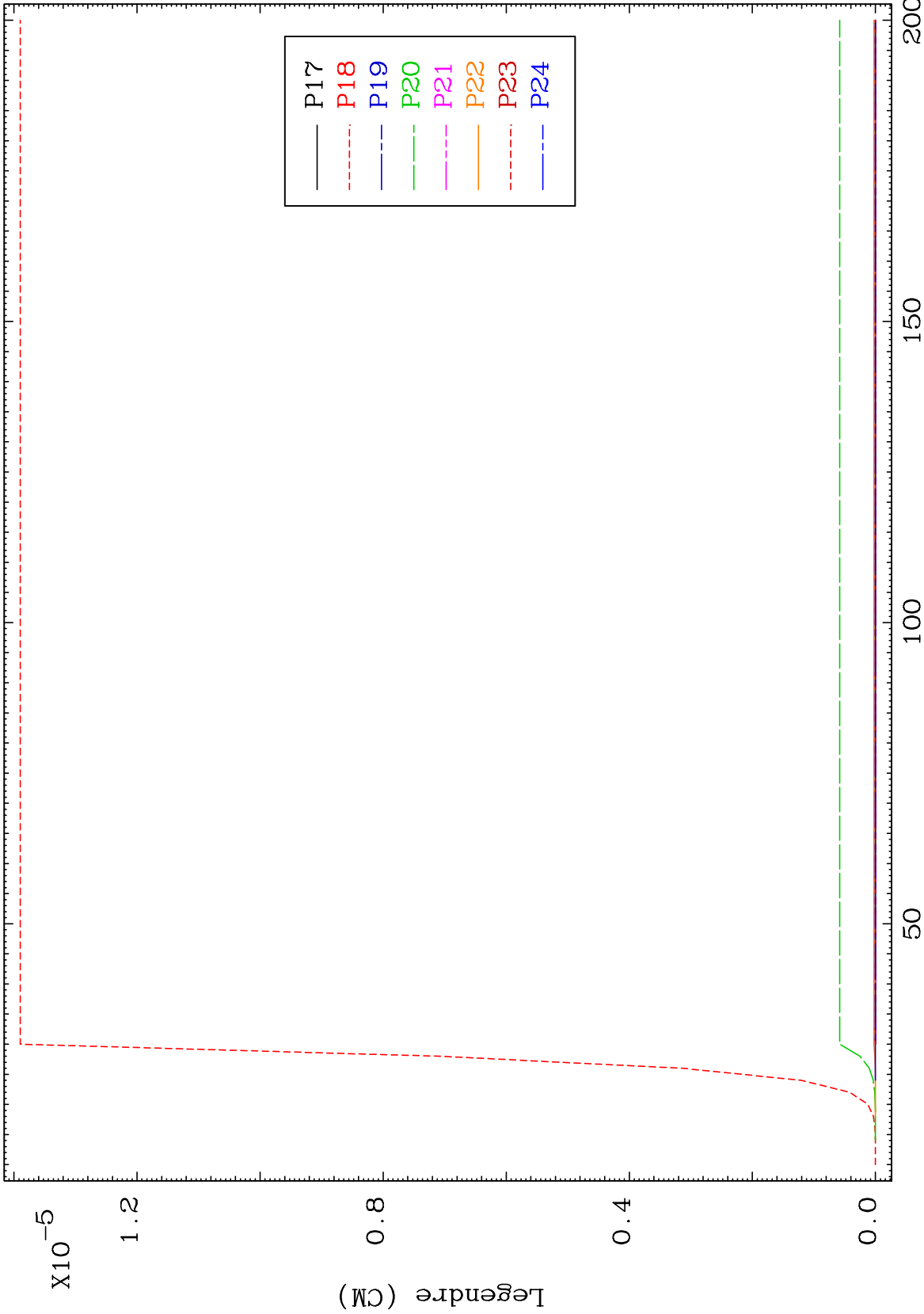
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



107

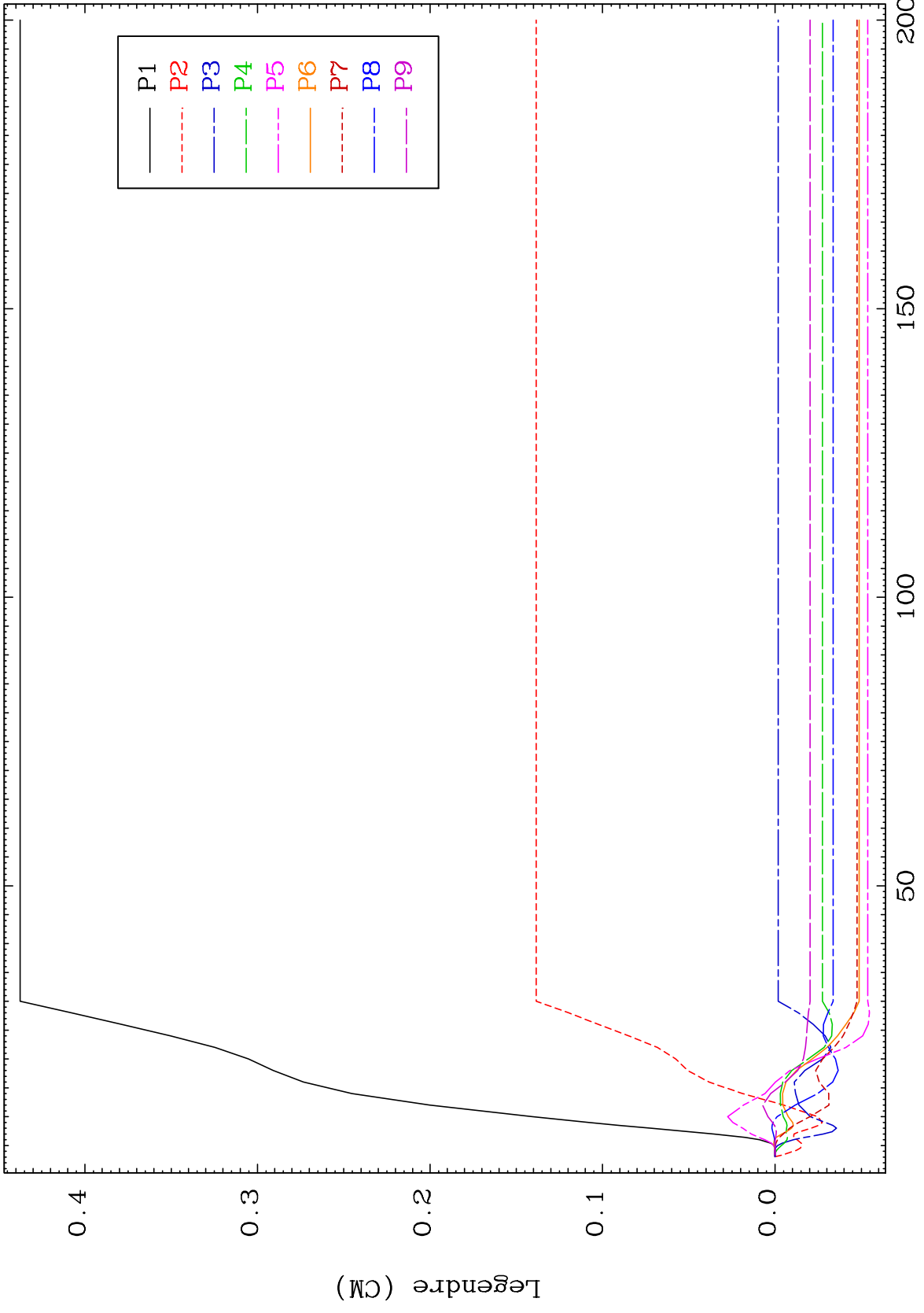
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



108

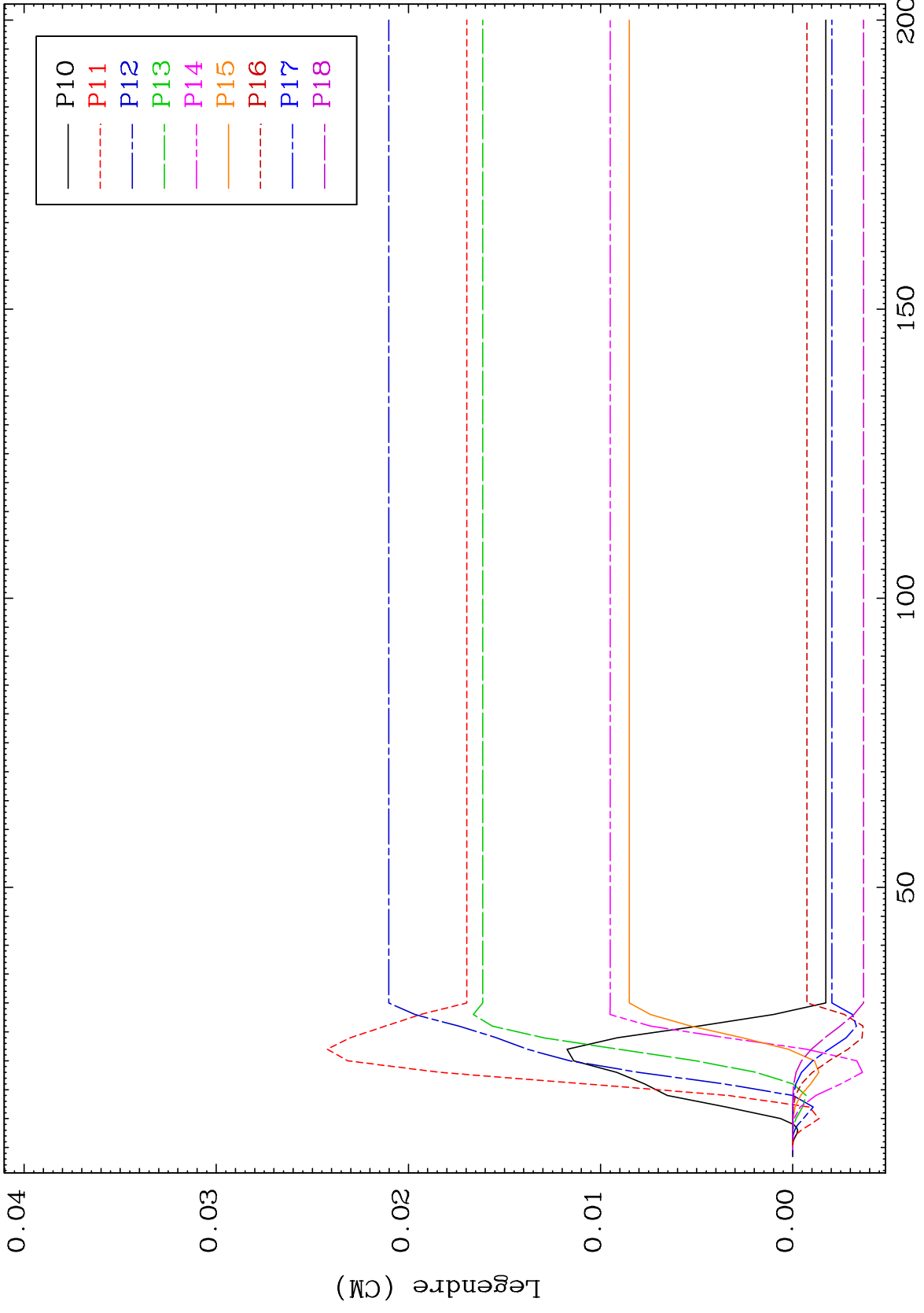
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

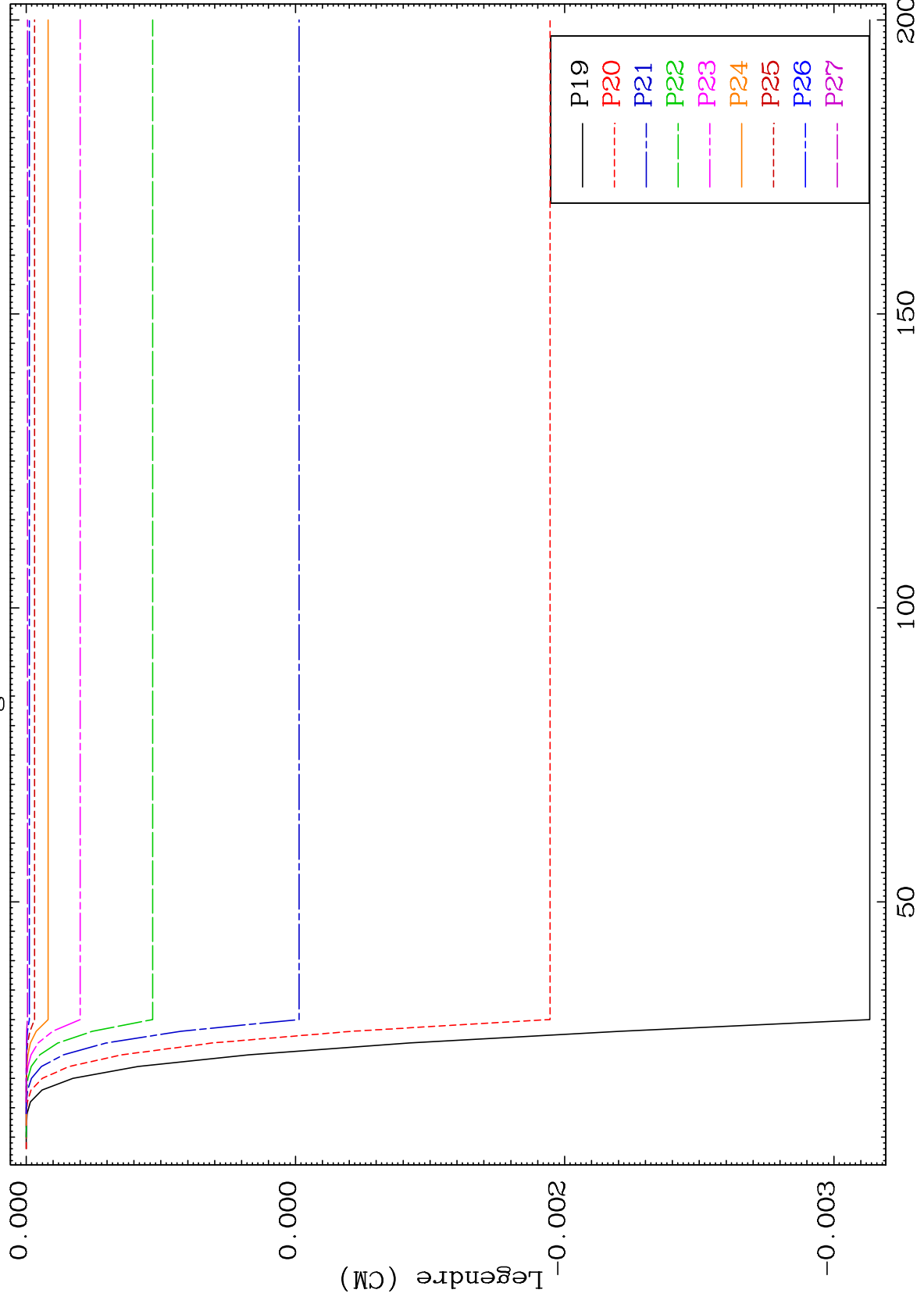


109

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 75 (n,n') Level Legendre Coefficients 54-Xe-122

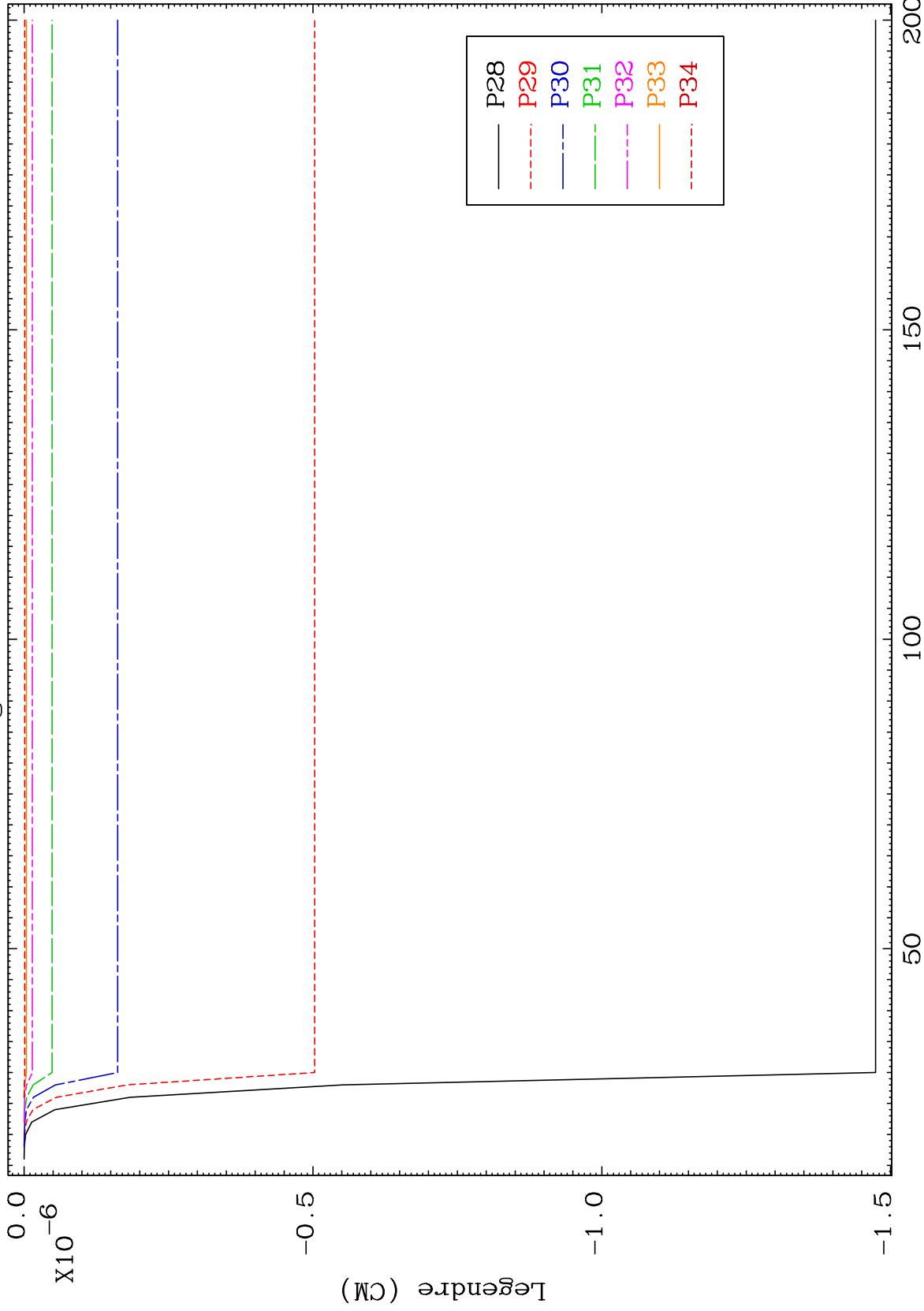


110 54-Xe-122

MAT 5419

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

54-Xe-122



111

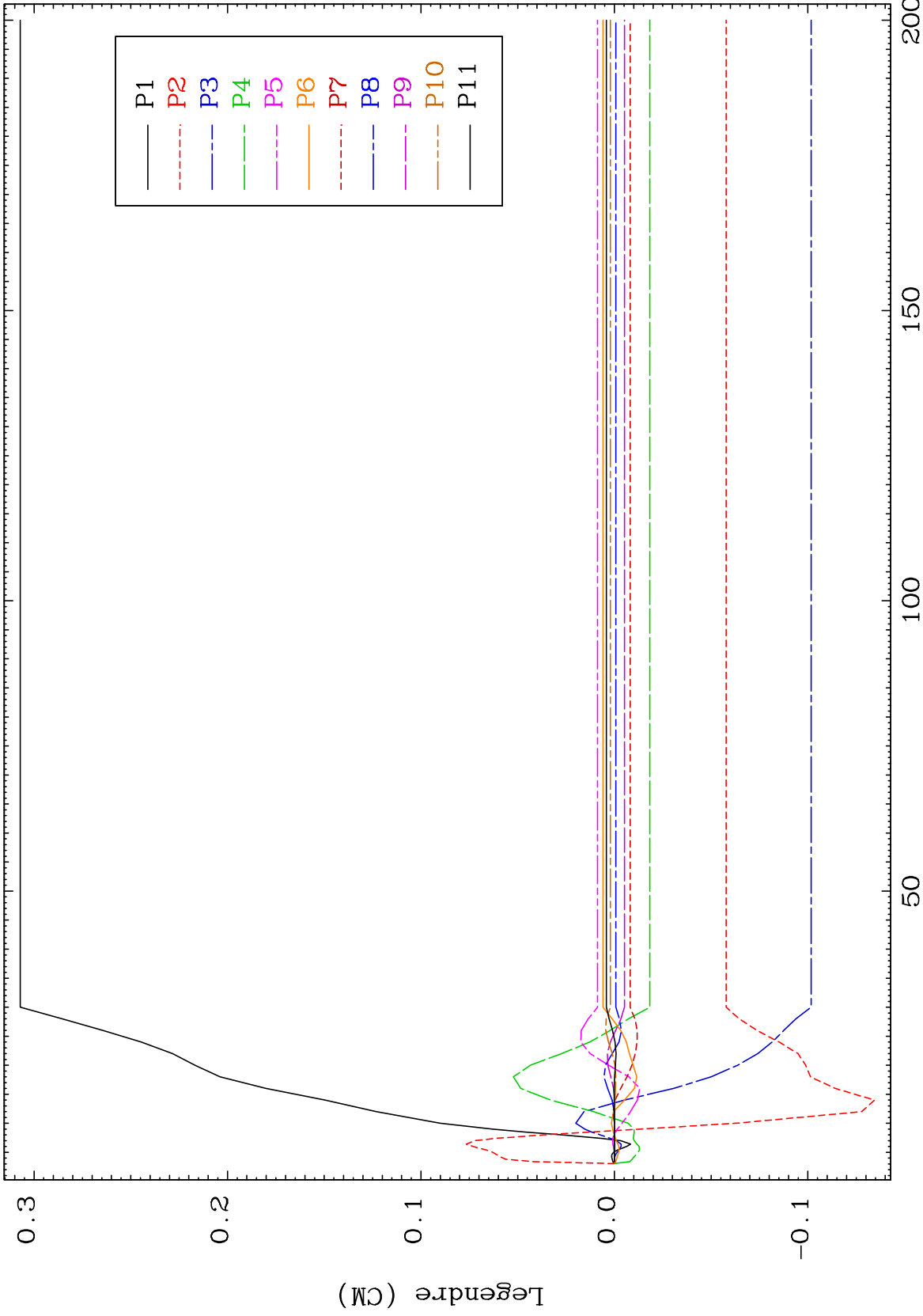
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



112

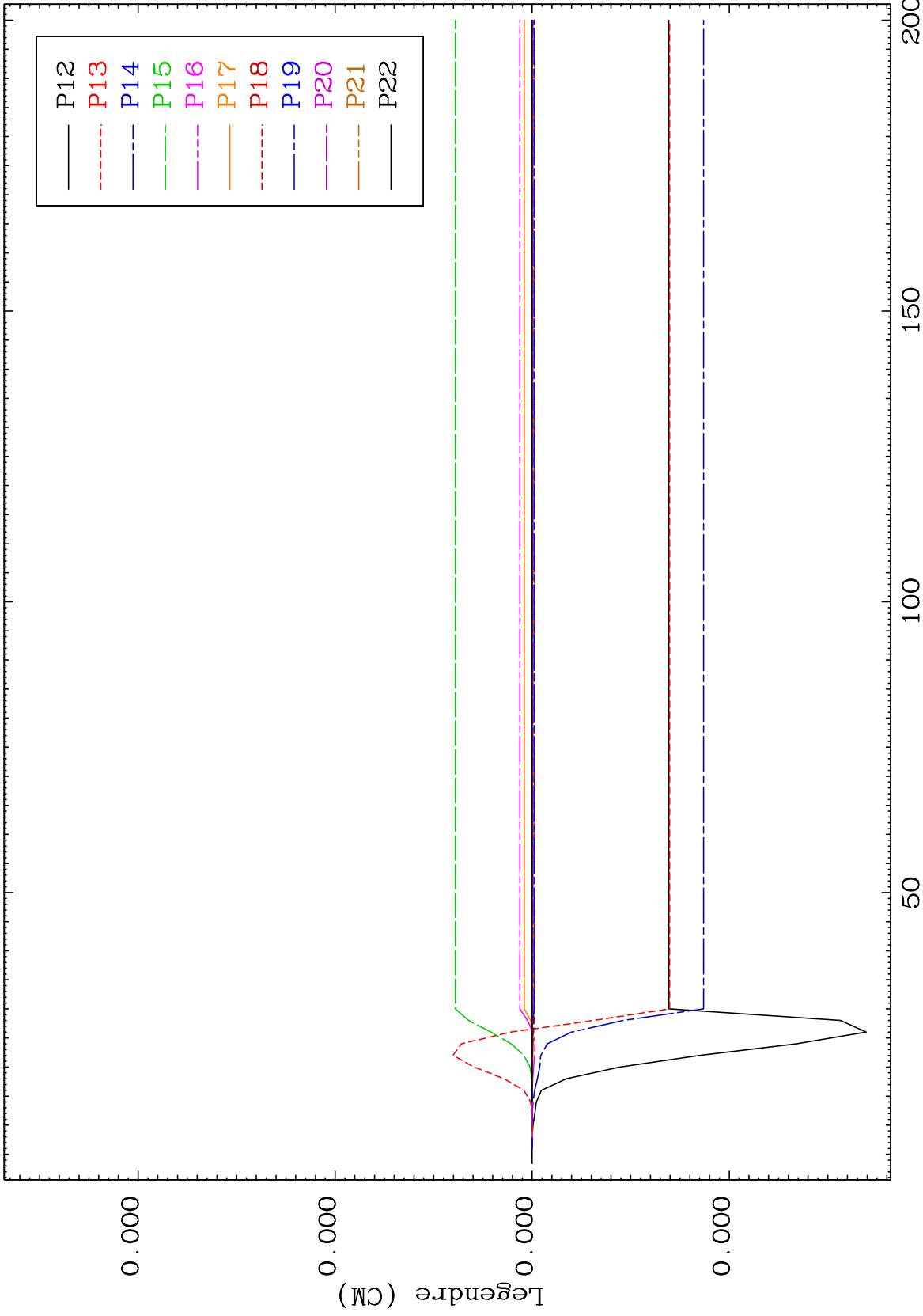
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



113

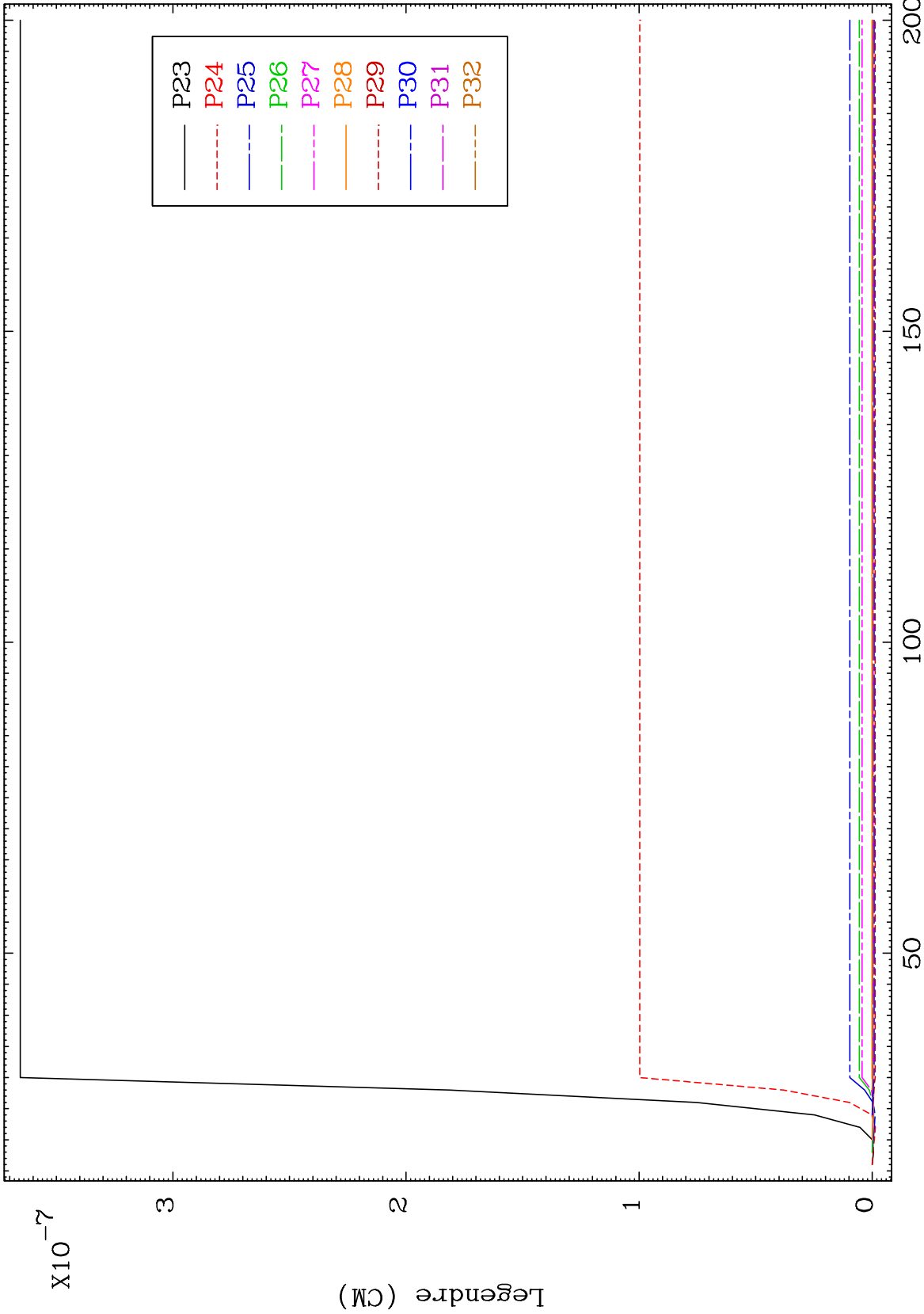
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



114

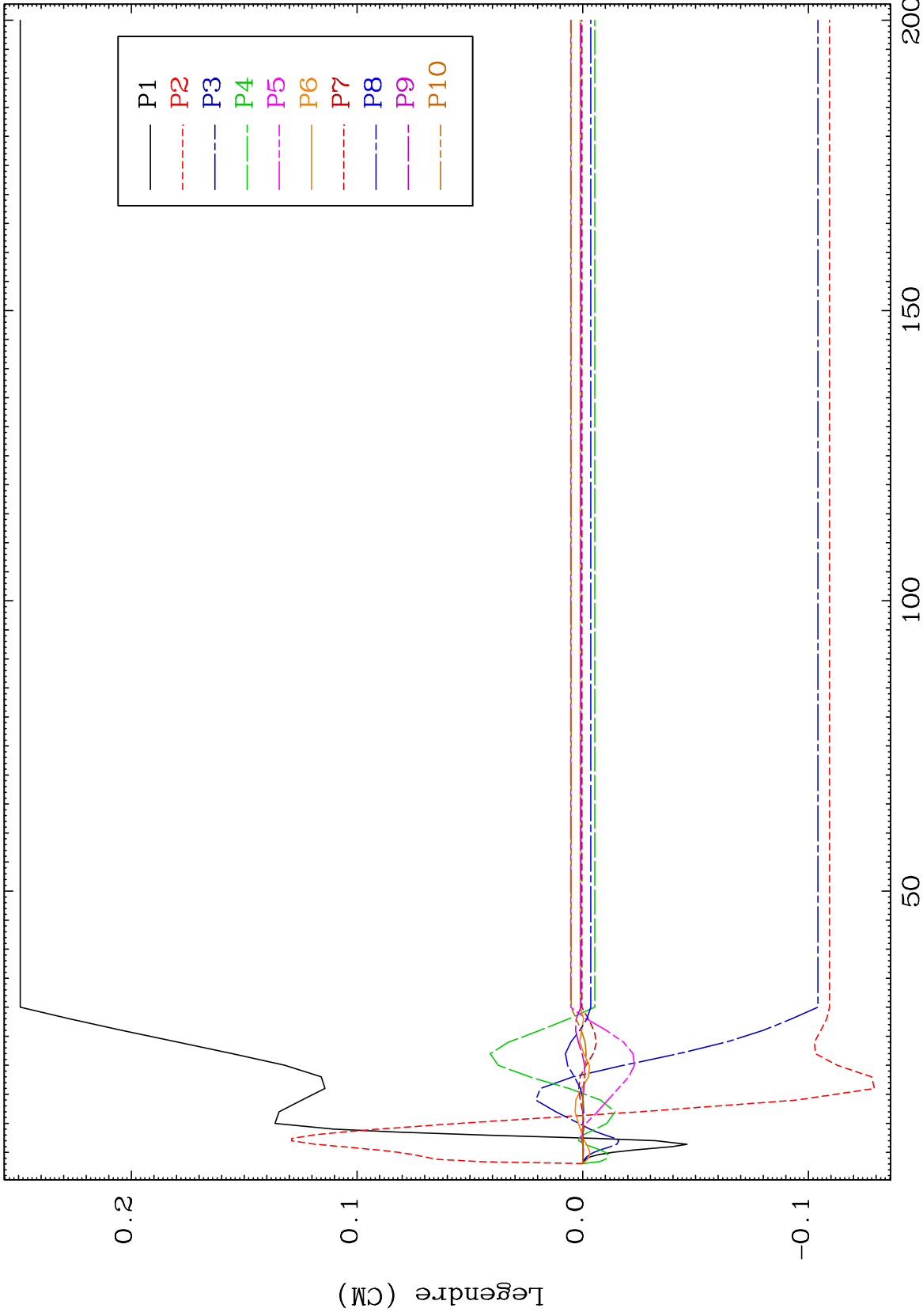
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



115

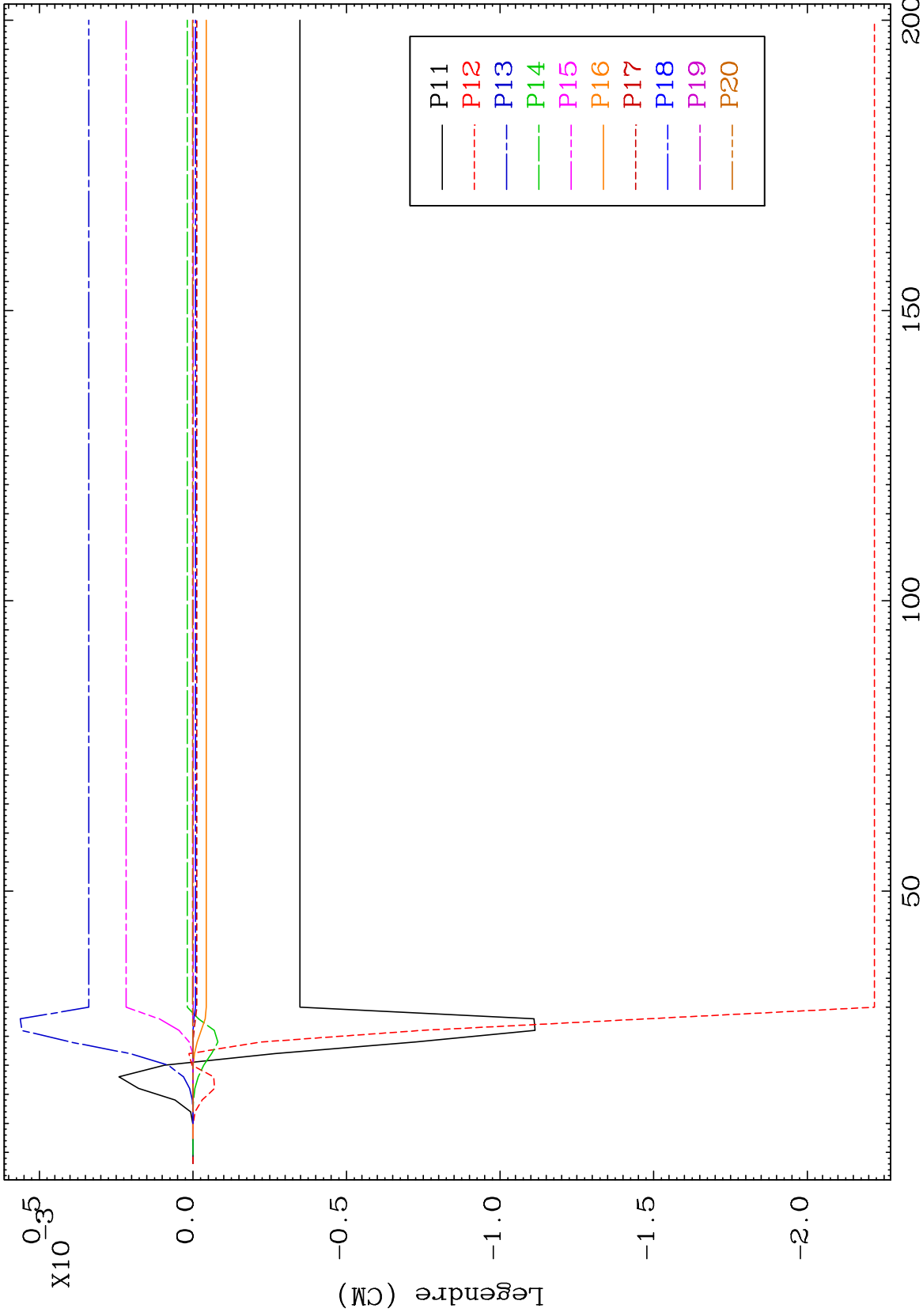
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



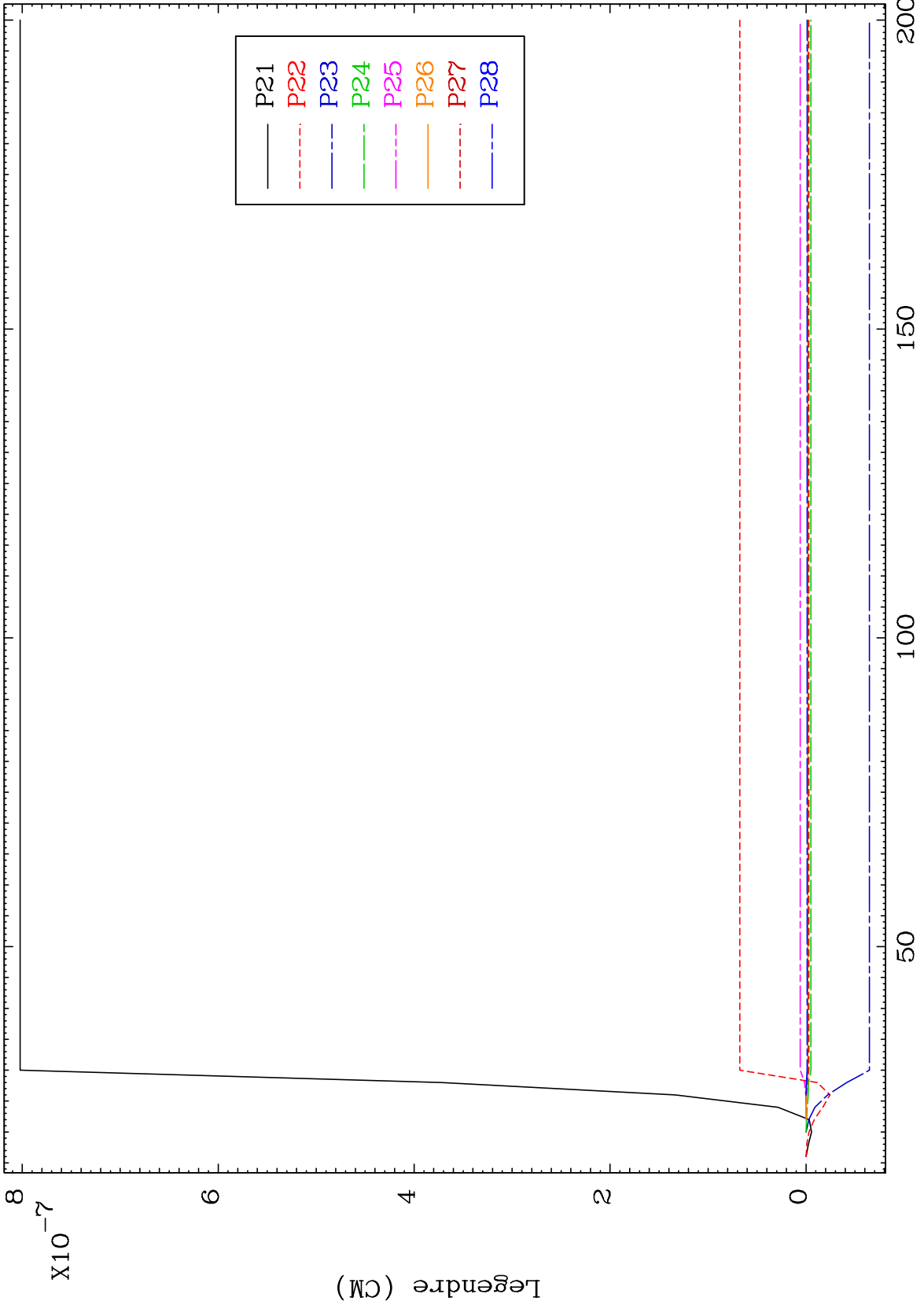
116

54-Xe-122

MAT 5419

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

54-Xe-122



117

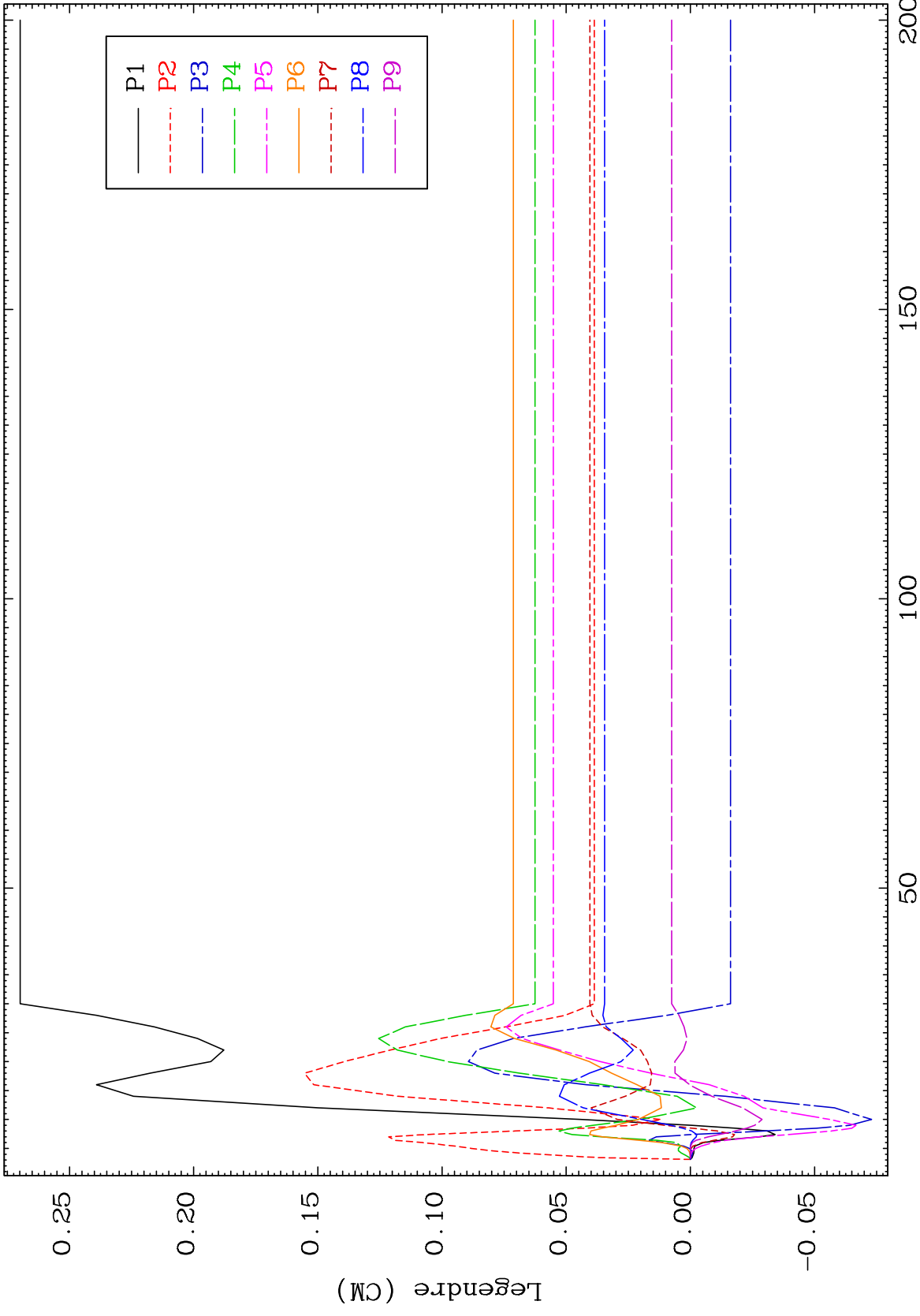
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122



118

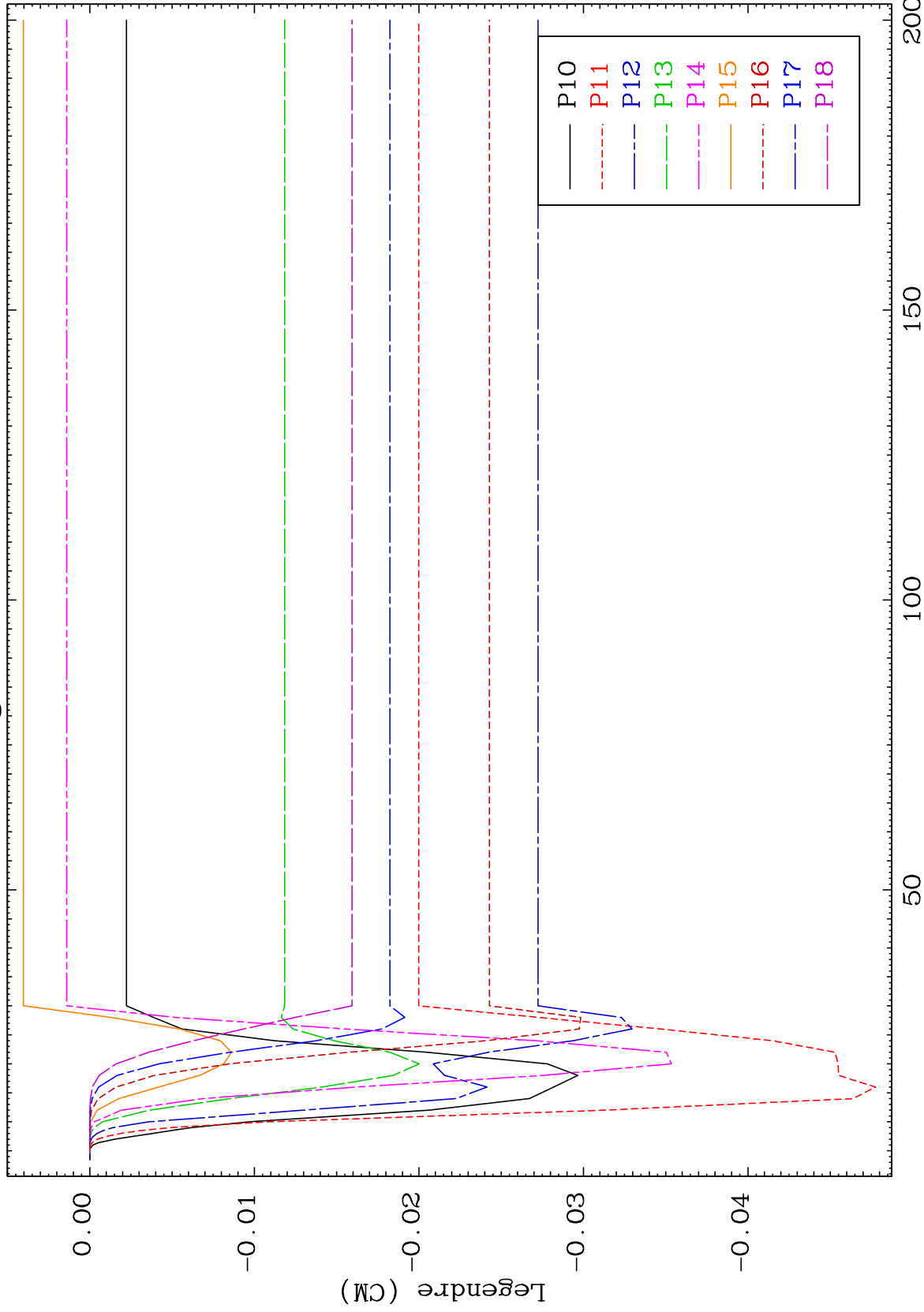
Incident Energy (MeV)

54-Xe-122

MAT 5419

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

54-Xe-122

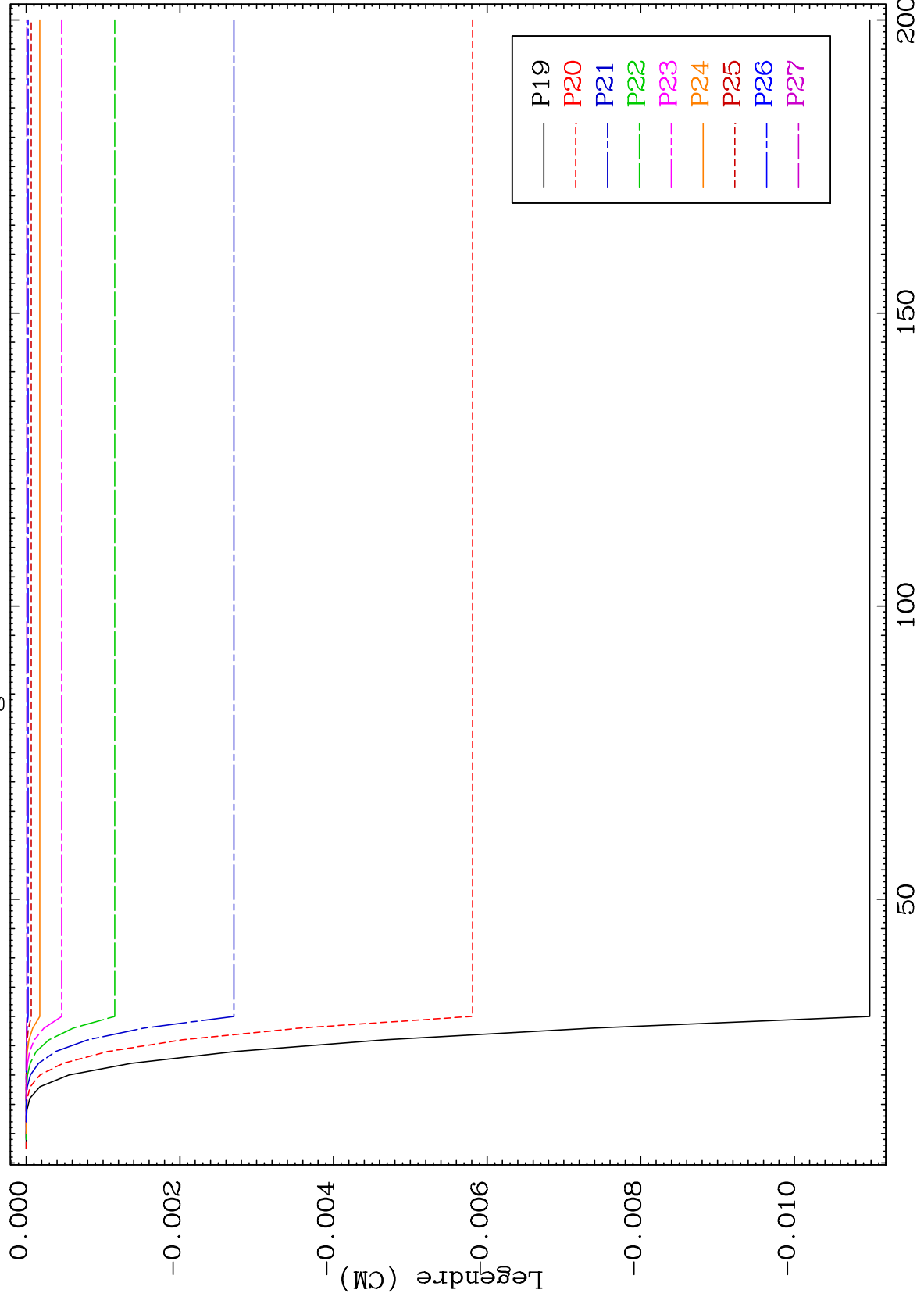


119

Incident Energy (MeV)

54-Xe-122

MAT 5419 MT= 78 (n,n') Level Legendre Coefficients 54-Xe-122



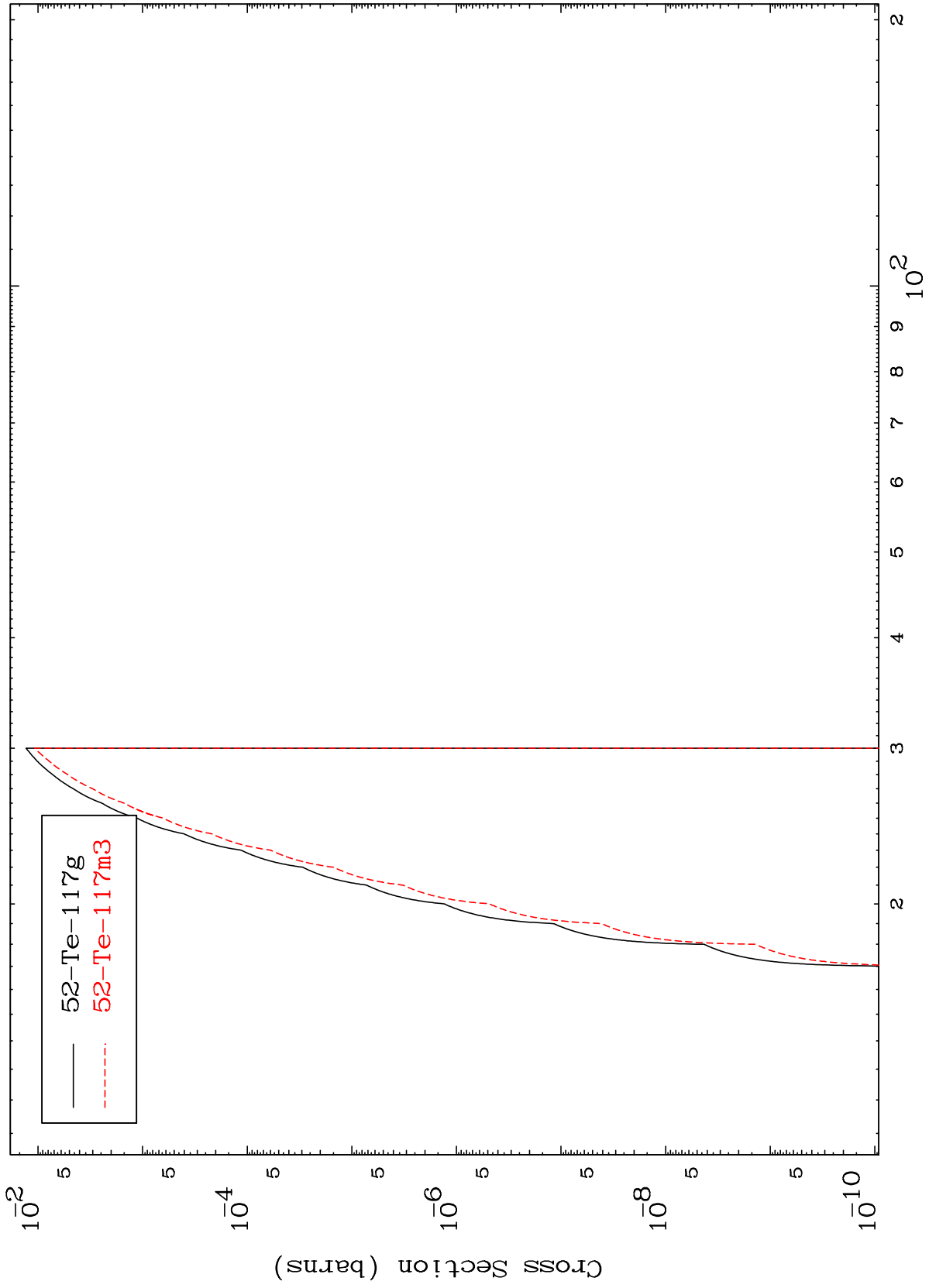
120 Incident Energy (MeV) 54-Xe-122

MAT 5419

(n,2n) α

54-Xe-122

Radionuclide Production Cross Section



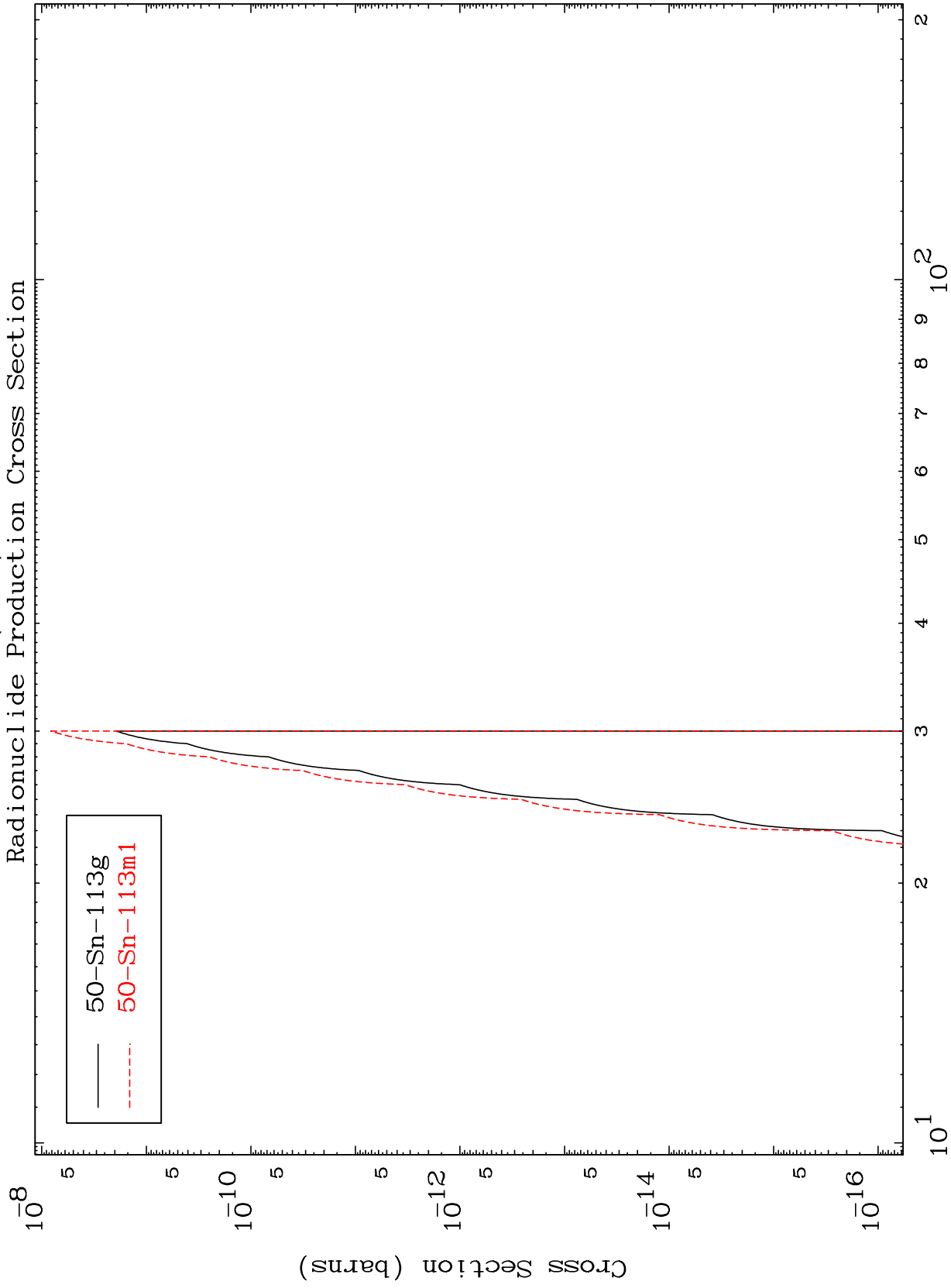
122

54-Xe-122

MAT 5419

(n,2n) 2 α

54-Xe-122



123

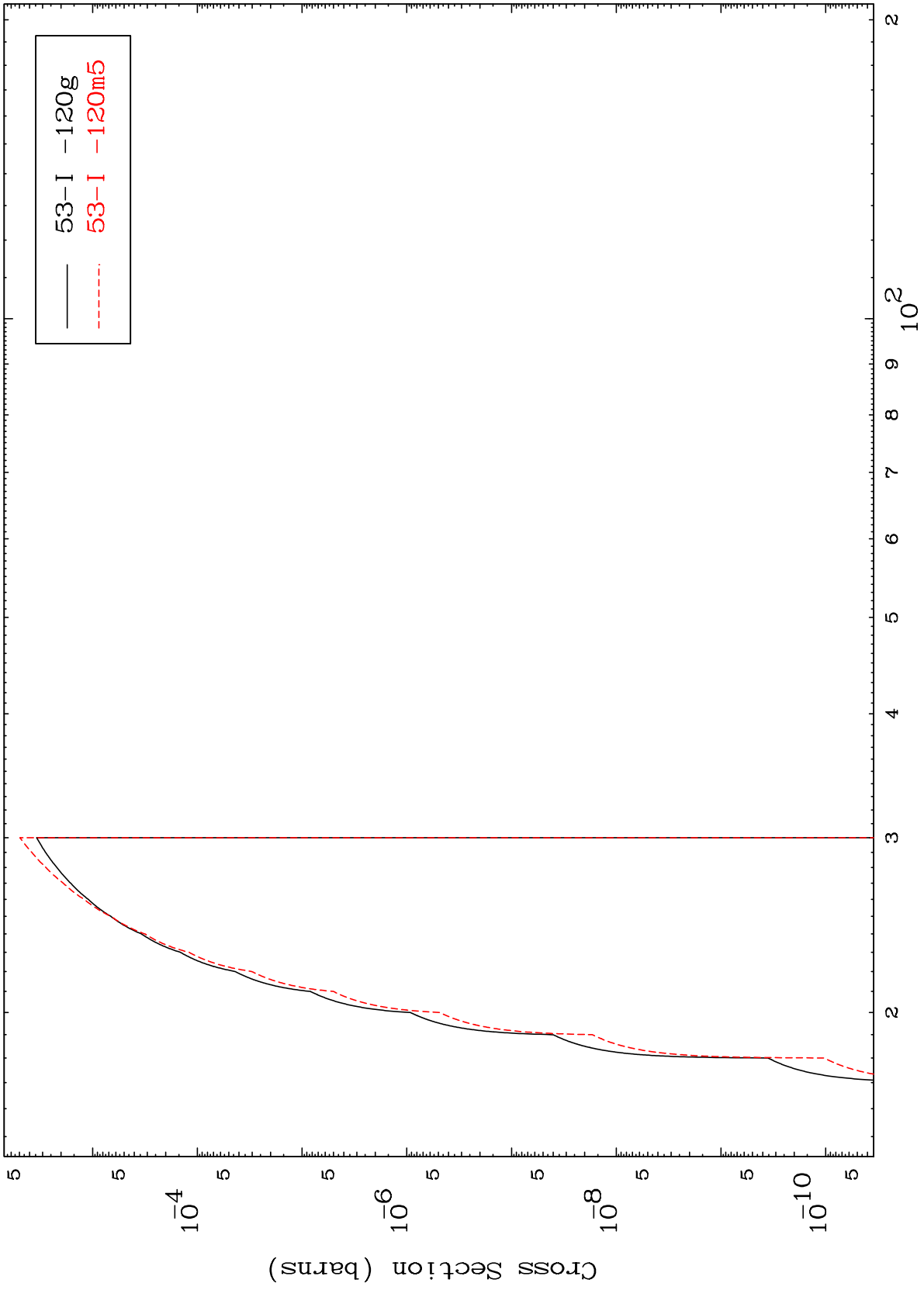
54-Xe-122

MAT 5419

(n,n') d

54-Xe-122

Radionuclide Production Cross Section



124

Incident Energy (MeV)

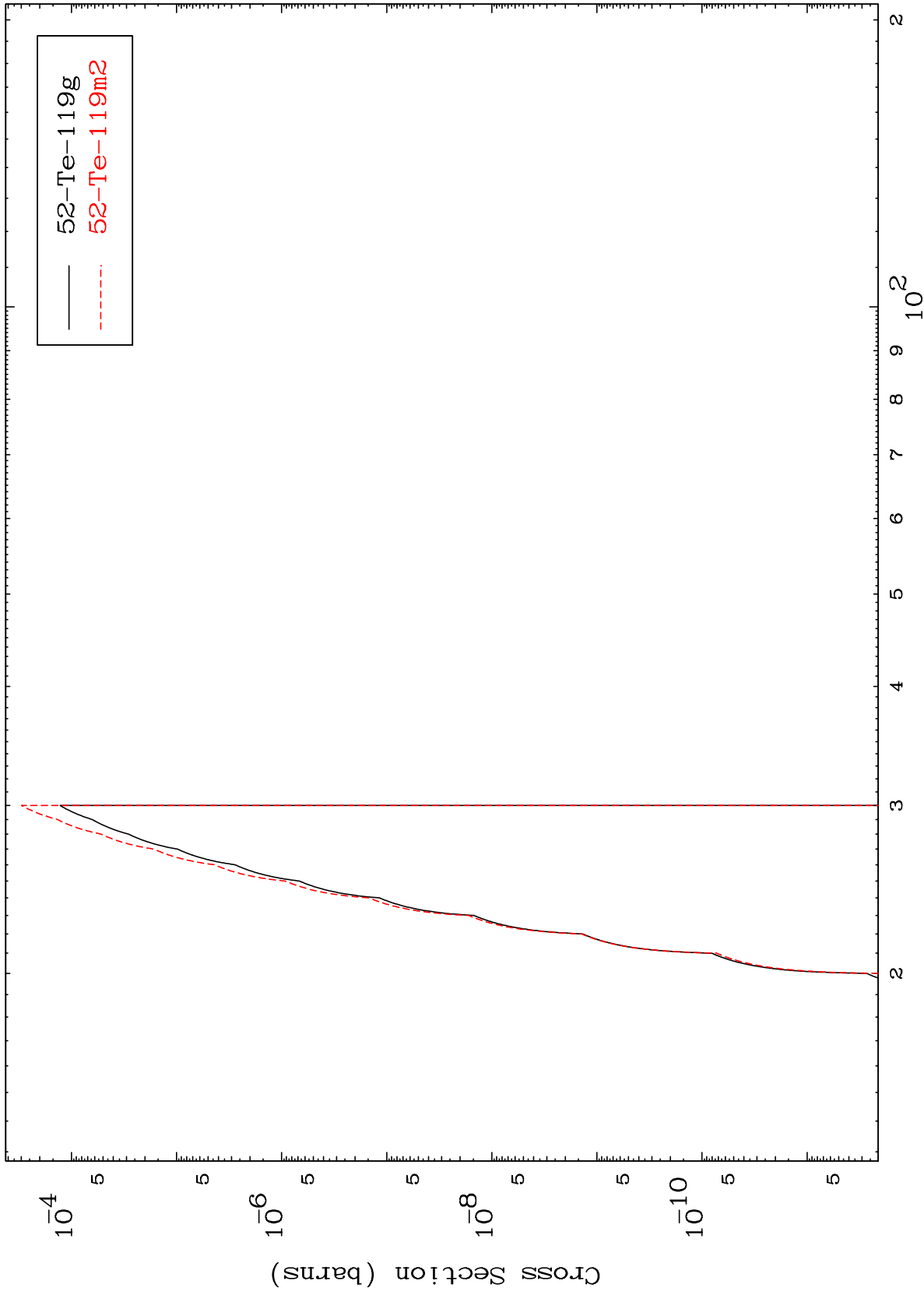
54-Xe-122

MAT 5419

(n, n') He-3

54-Xe-122

Radionuclide Production Cross Section



125

Incident Energy (MeV)

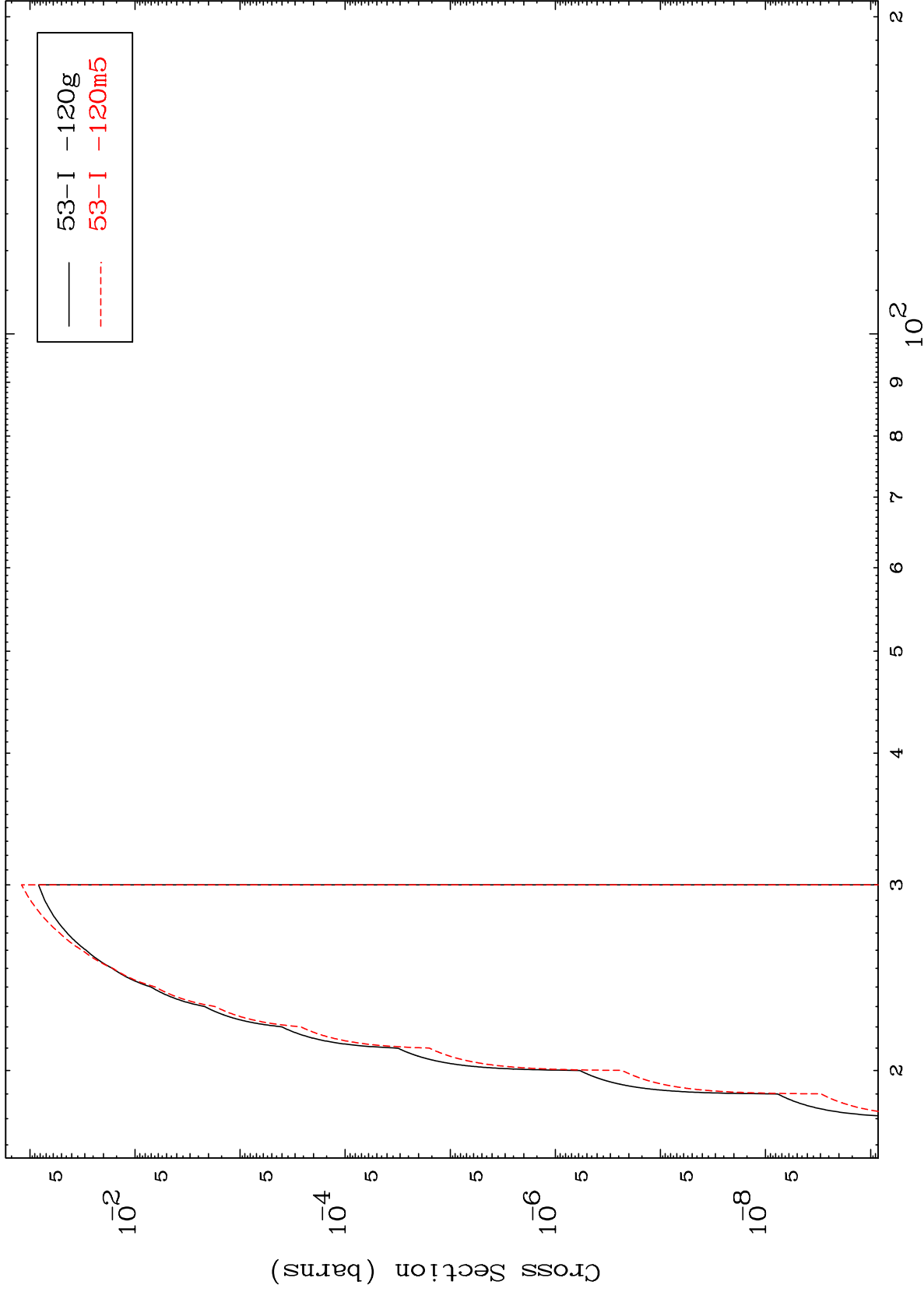
54-Xe-122

MAT 5419

(n,2n) p

54-Xe-122

Radionuclide Production Cross Section



126

Incident Energy (MeV)

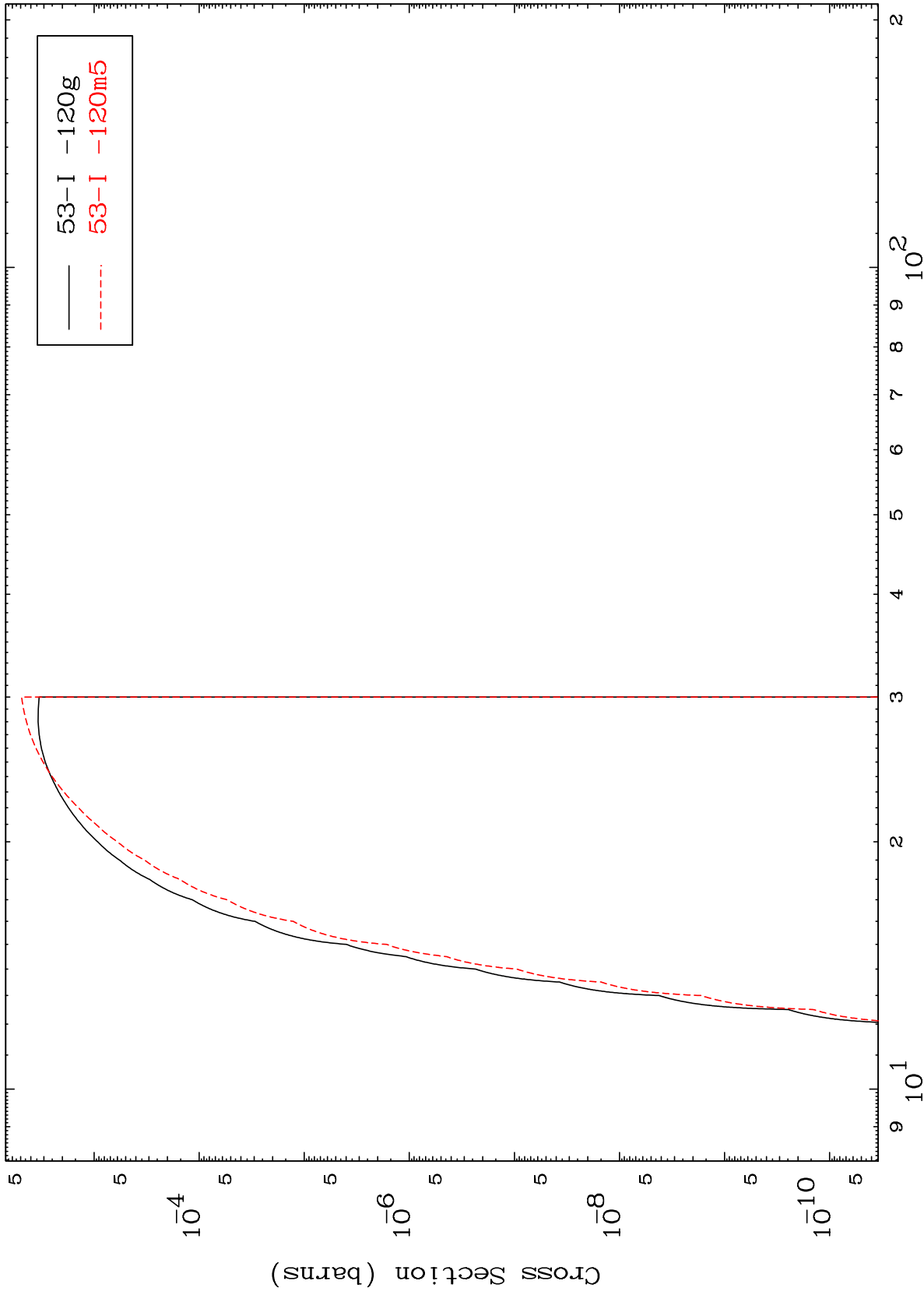
54-Xe-122

MAT 5419

(n, t)

54-Xe-122

Radionuclide Production Cross Section



127

Incident Energy (MeV)

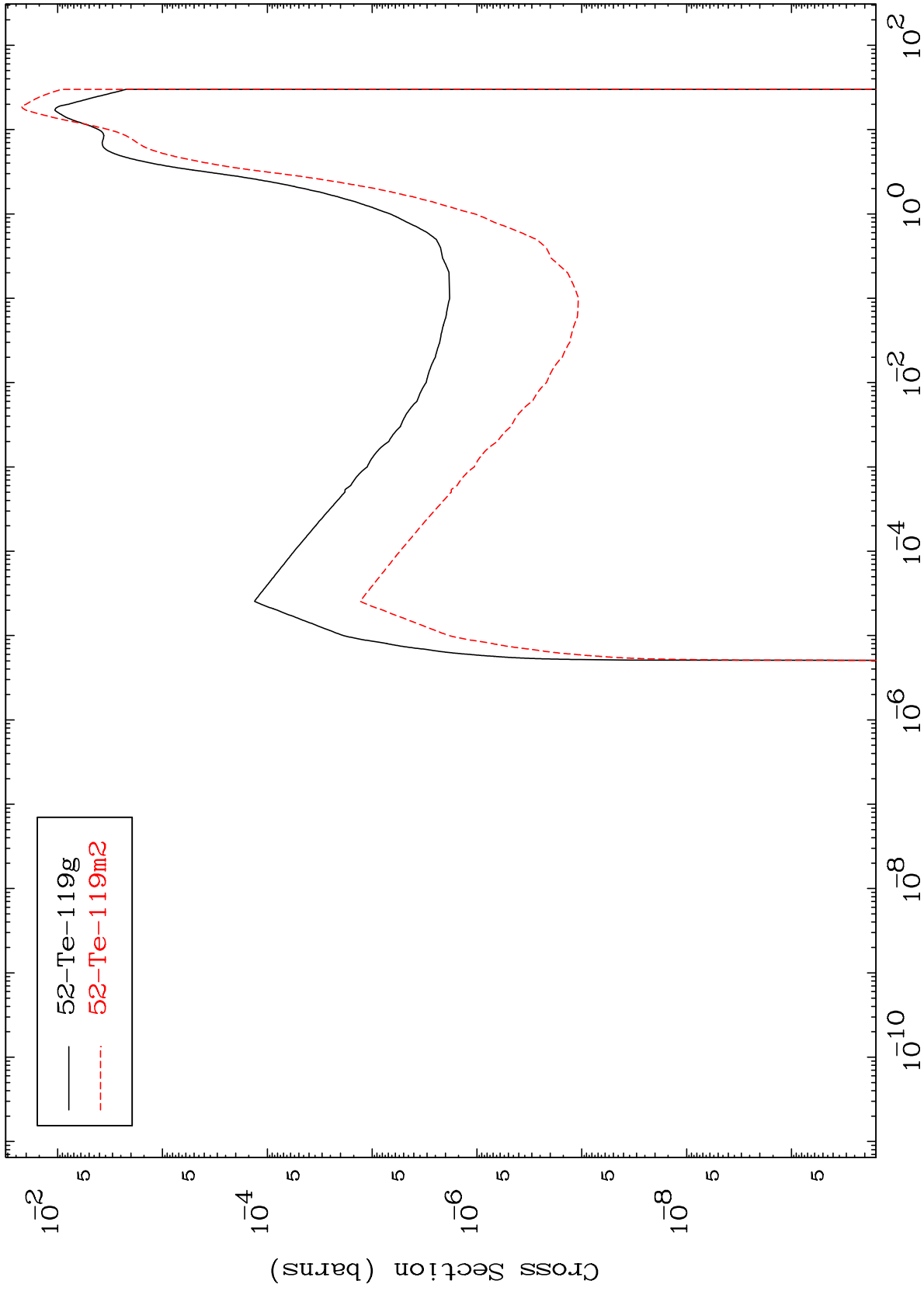
54-Xe-122

MAT 5419

(n, α)

54-Xe-122

Radionuclide Production Cross Section



128

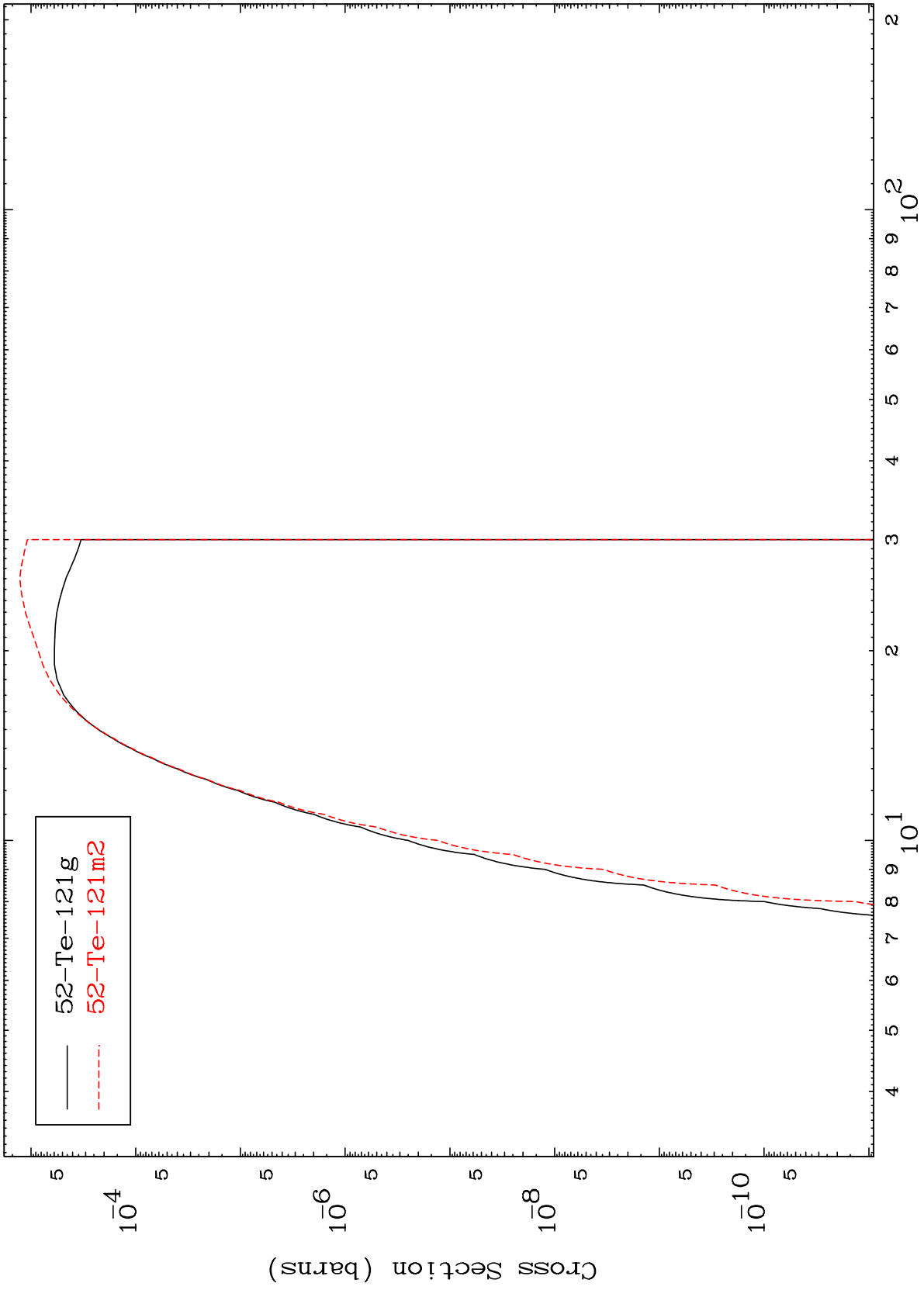
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

Radionuclide Production Cross Section
(n,2p)



129

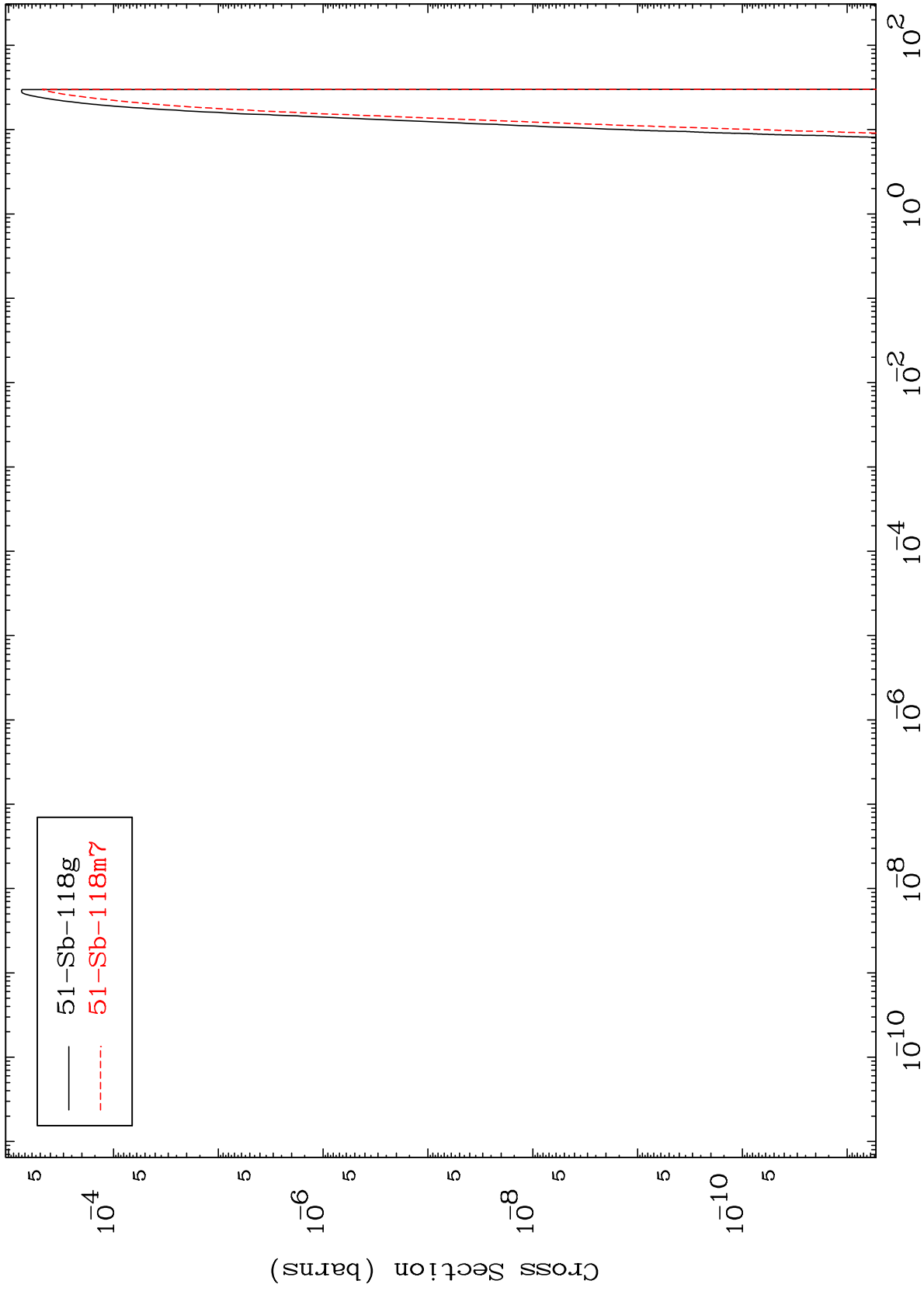
54-Xe-122

MAT 5419

(n,p) α

54-Xe-122

Radionuclide Production Cross Section



130

Incident Energy (MeV)

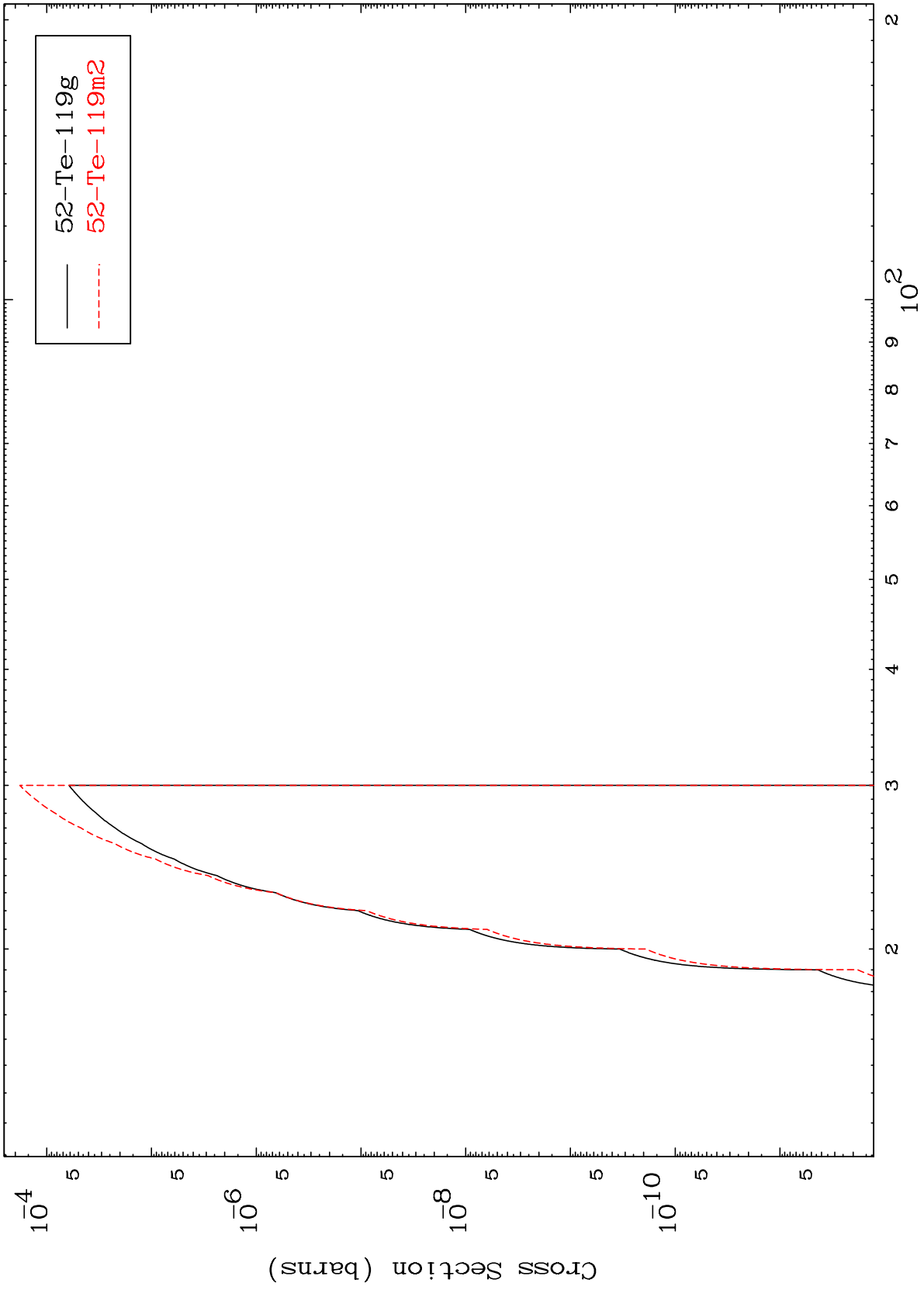
54-Xe-122

MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



131

Incident Energy (MeV)

54-Xe-122