

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

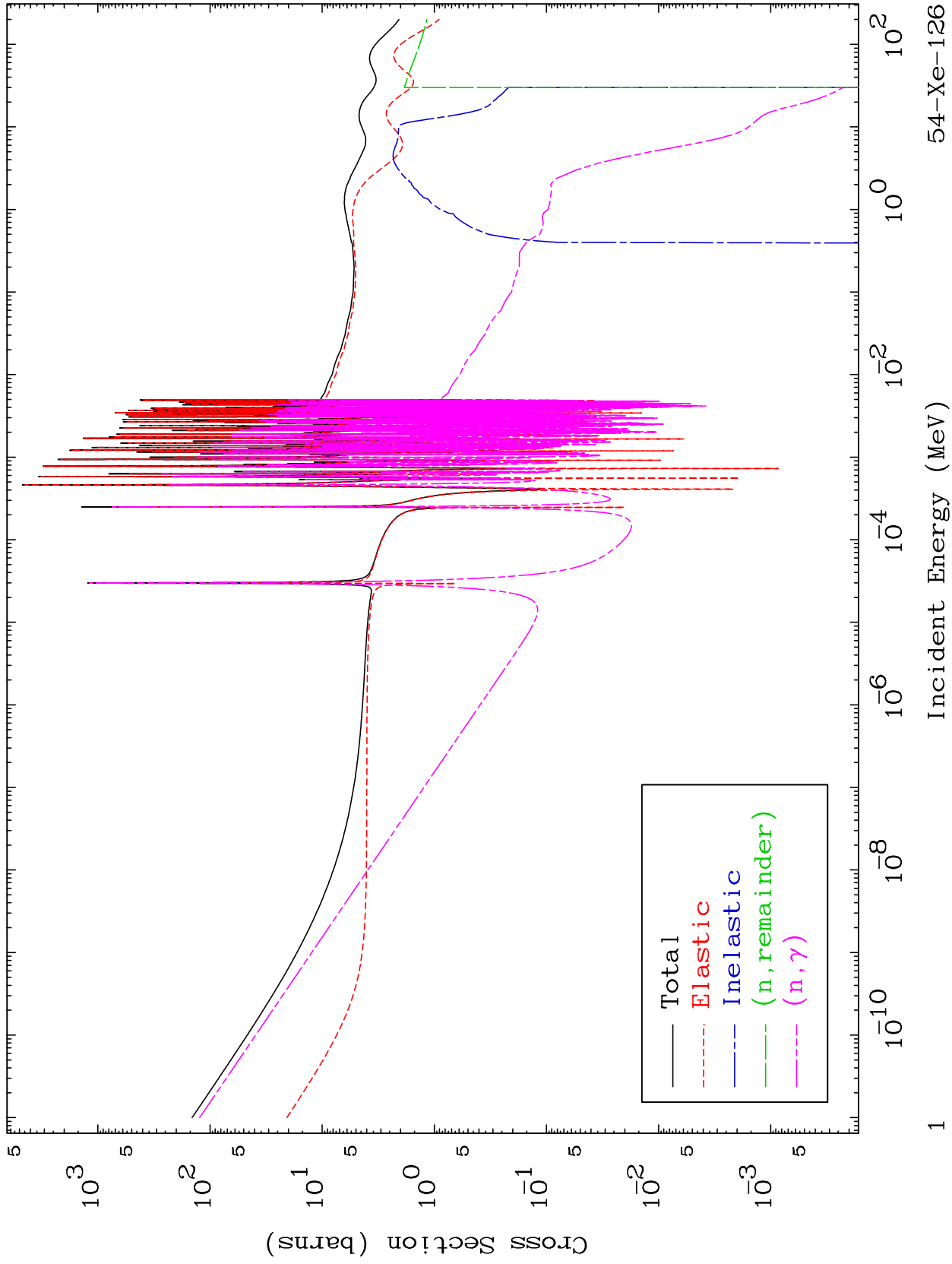
Press Mouse Button to Start

MAT 5431

Major

293 Kelvin Cross Sections

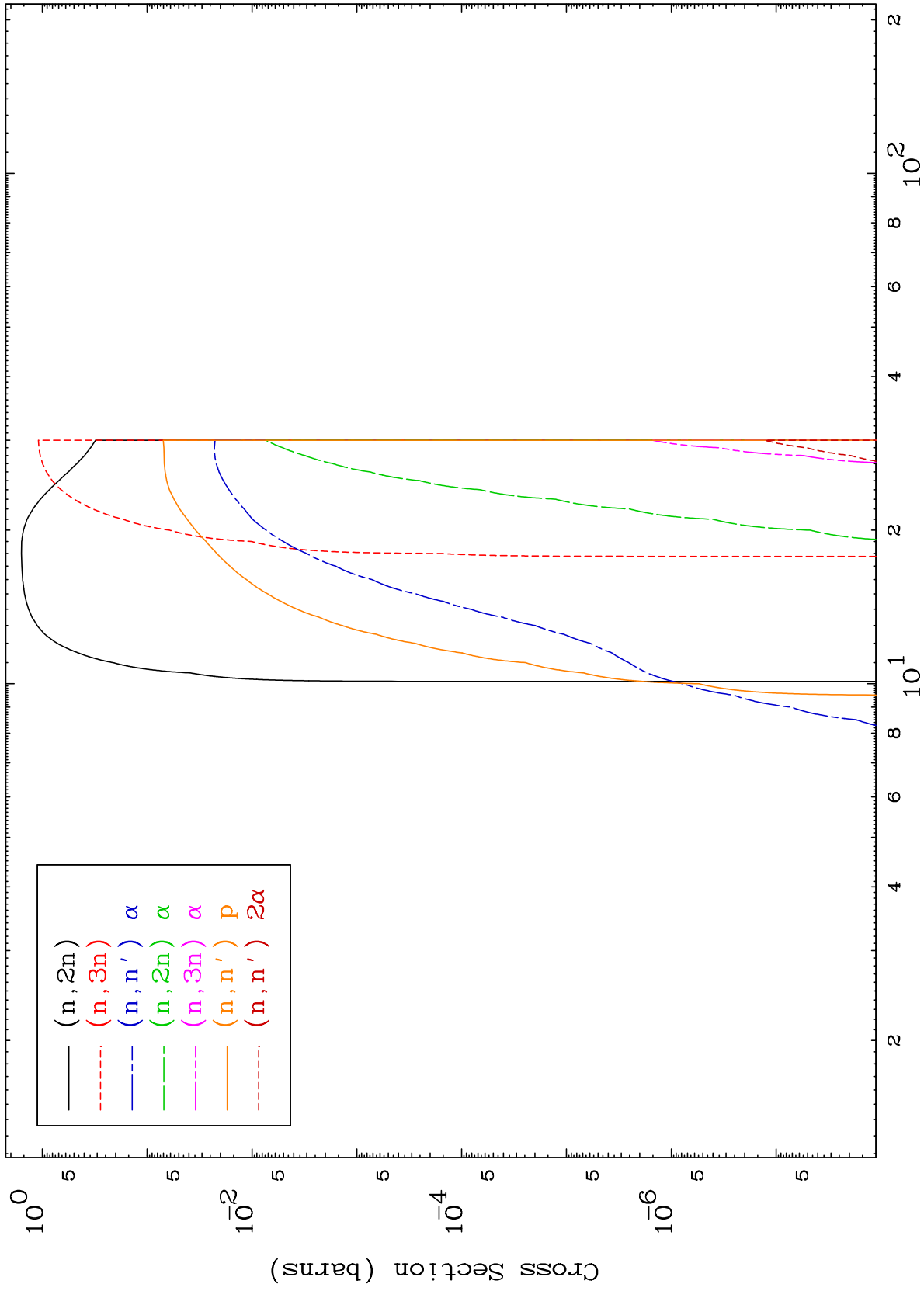
54-Xe-126



MAT 5431

Neutron Production  
293 Kelvin Cross Sections

54-Xe-126



2

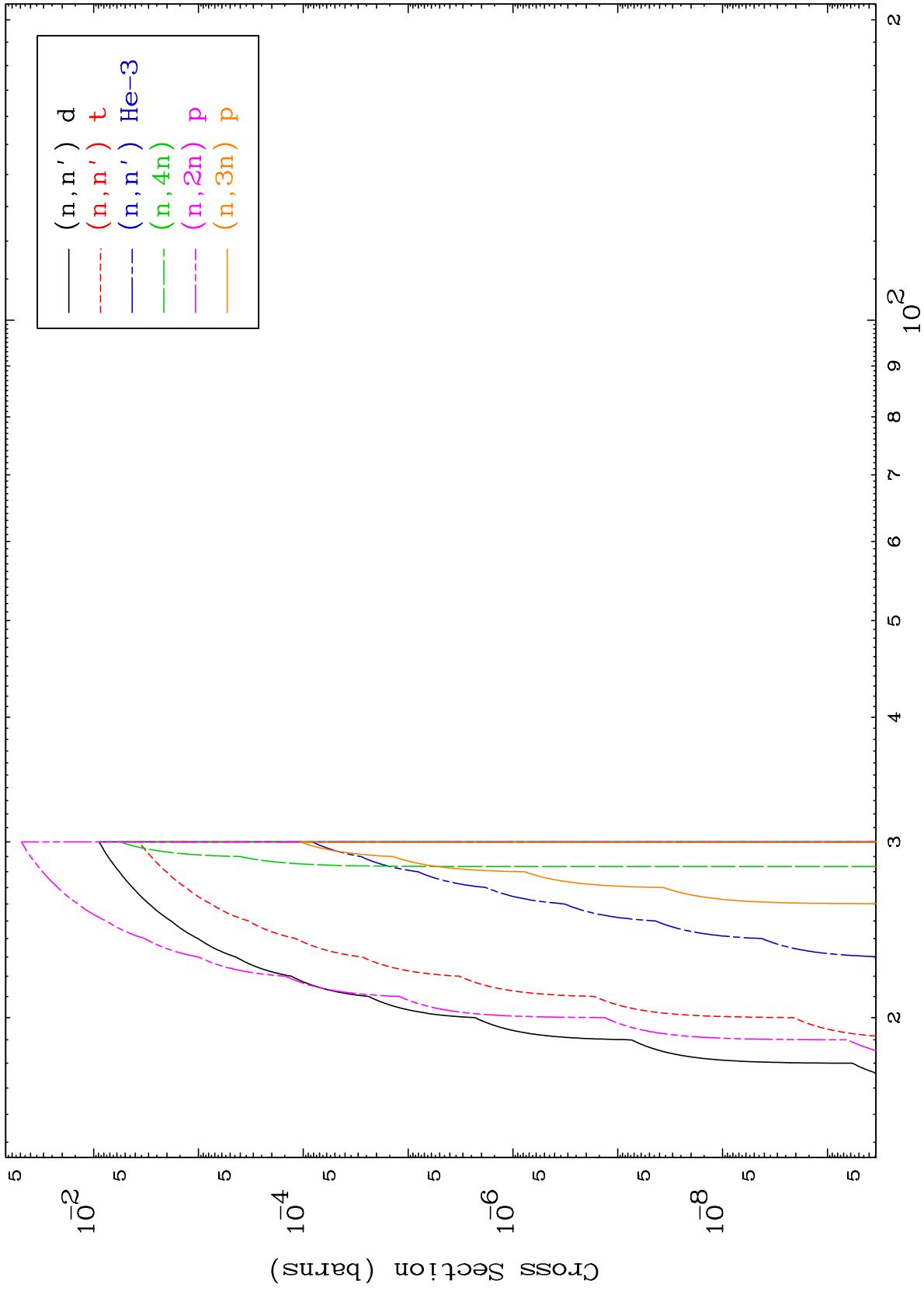
Incident Energy (MeV)

54-Xe-126

MAT 5431

Neutron Production  
293 Kelvin Cross Sections

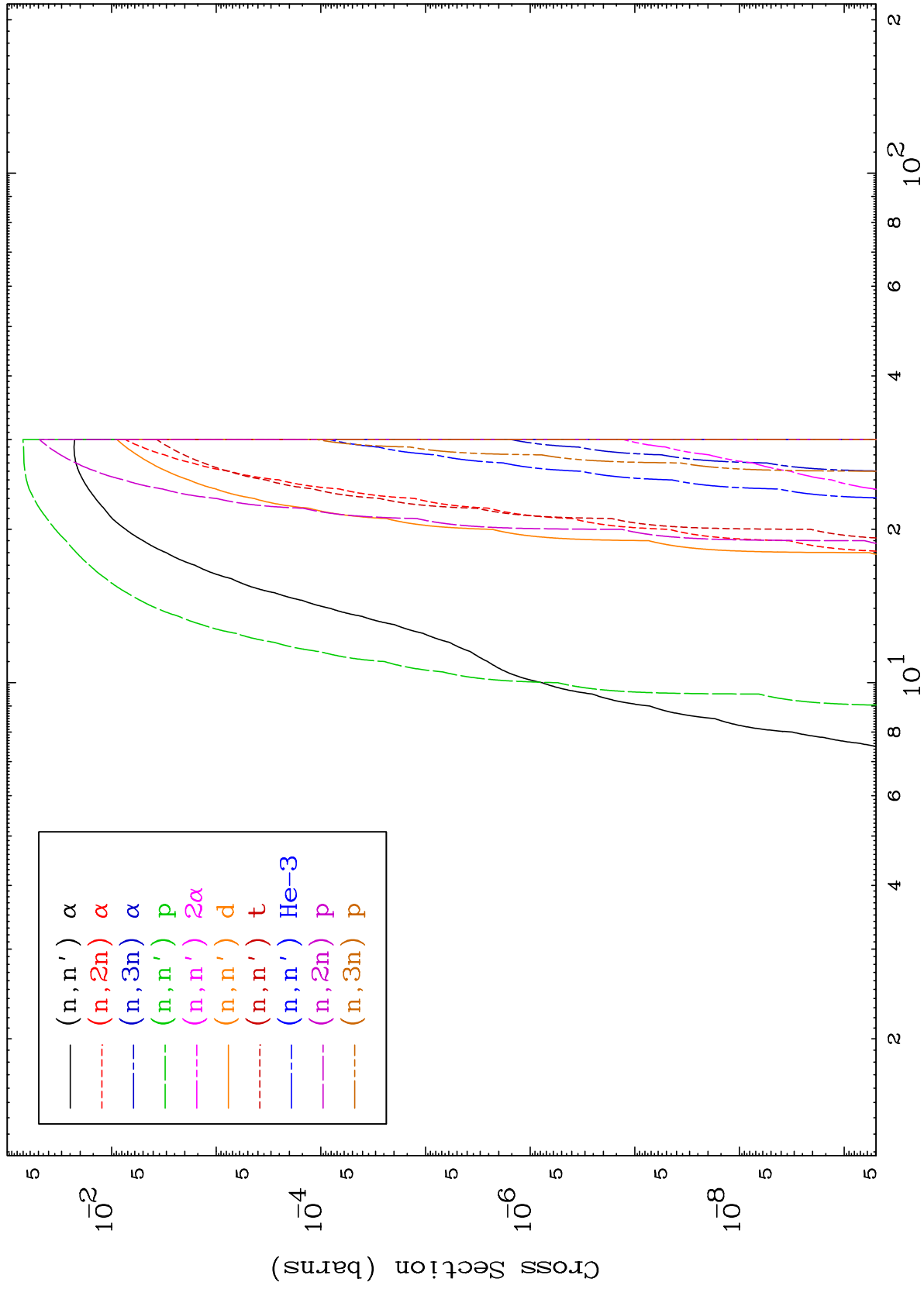
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3

Incident Energy (MeV)

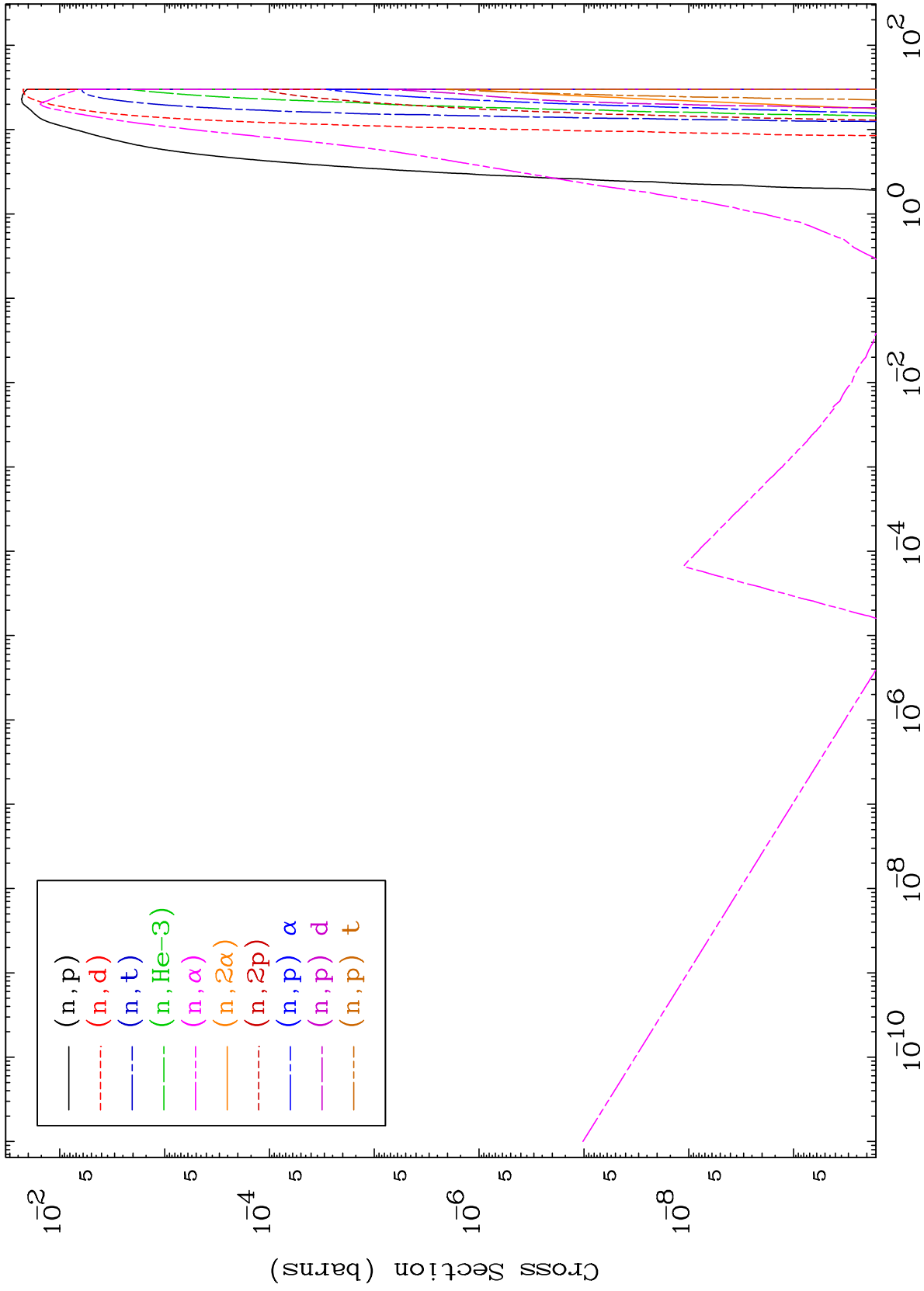
54-Xe-126



MAT 5431

Charged Particle  
293 Kelvin Cross Sections

54-Xe-126

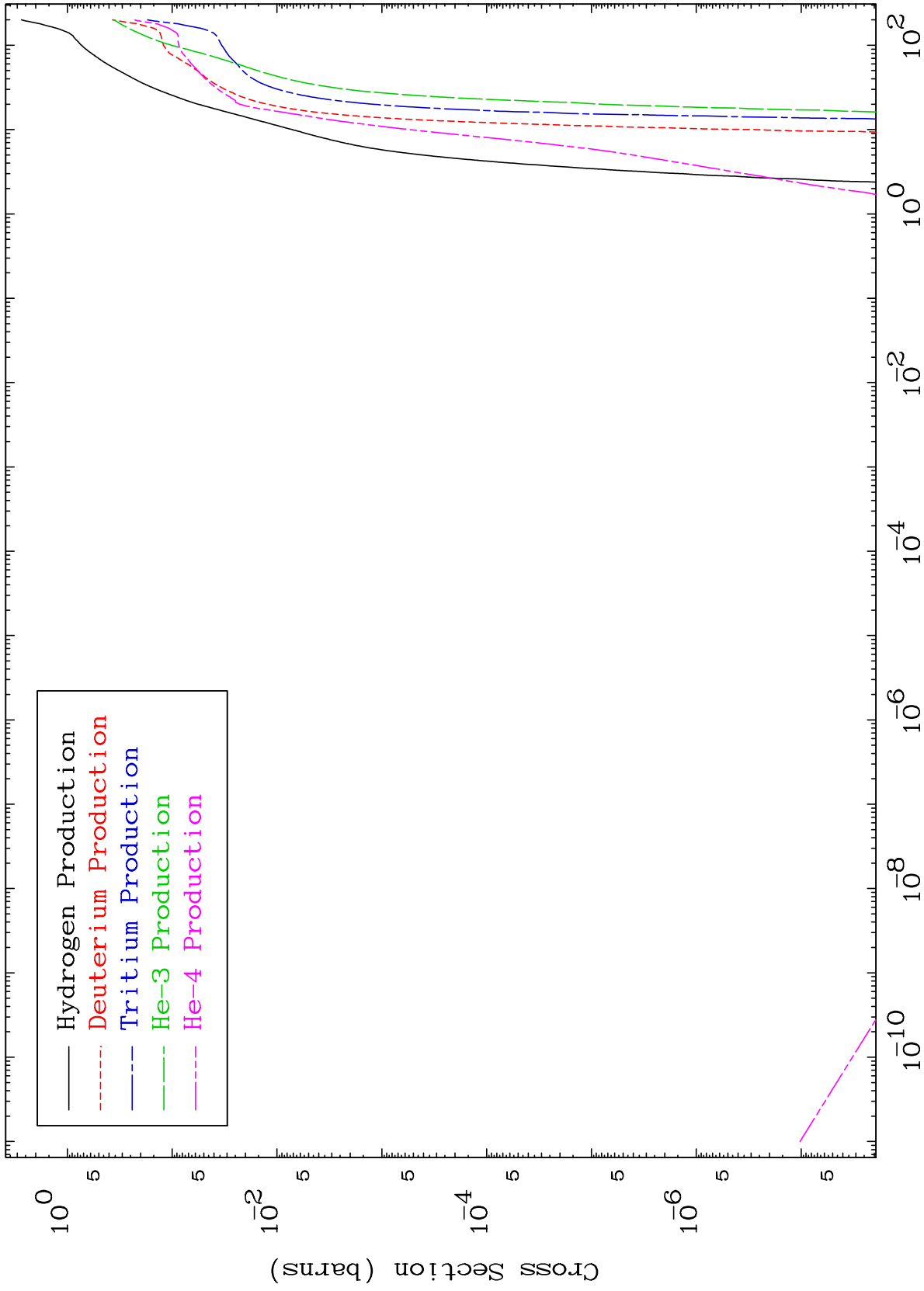


5

MAT 5431

Particle Production  
293 Kelvin Cross Sections

54-Xe-126



6

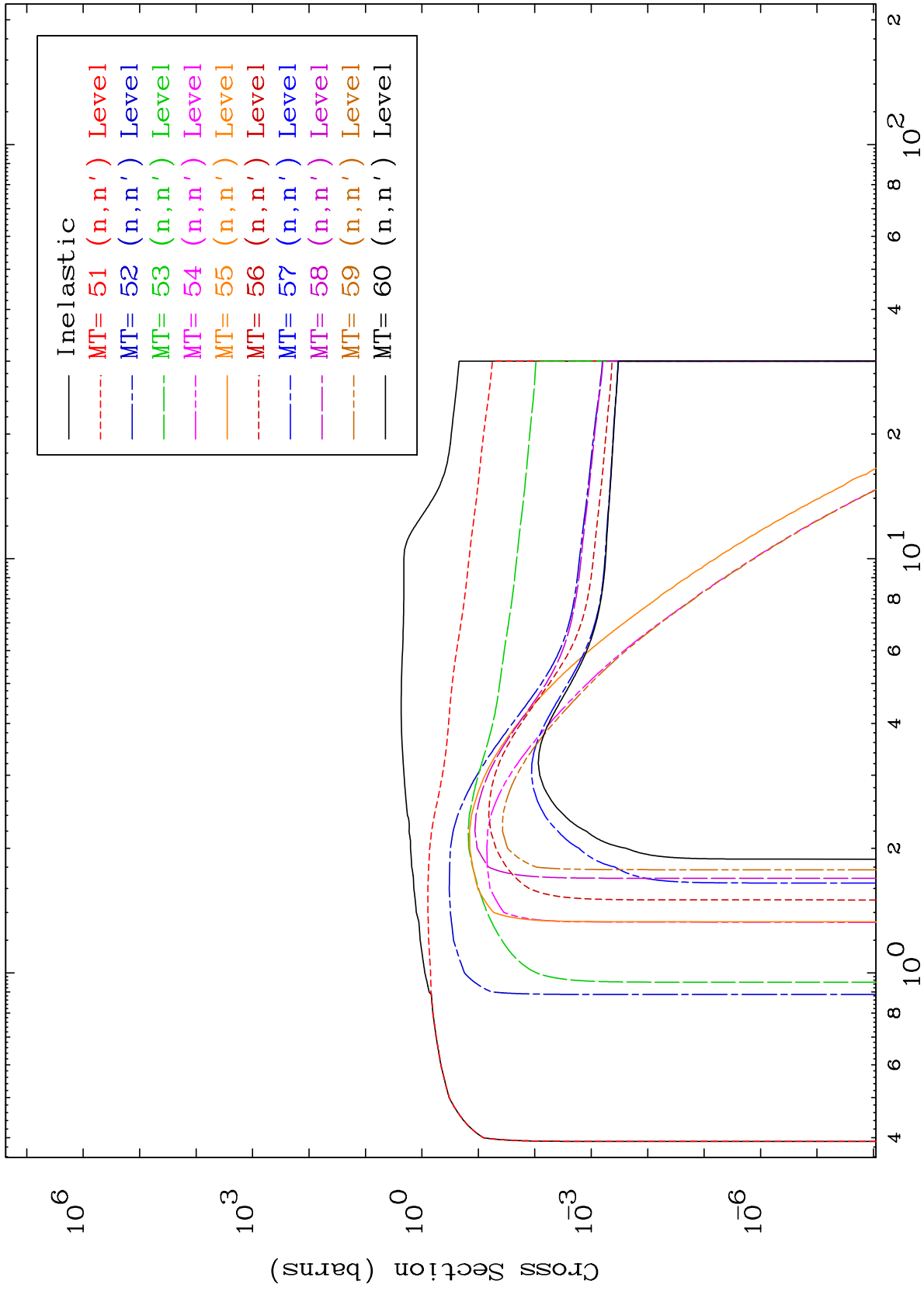
54-Xe-126

MAT 5431

(n,n') Level

54-Xe-126

293 Kelvin Cross Sections



7

Incident Energy (MeV)

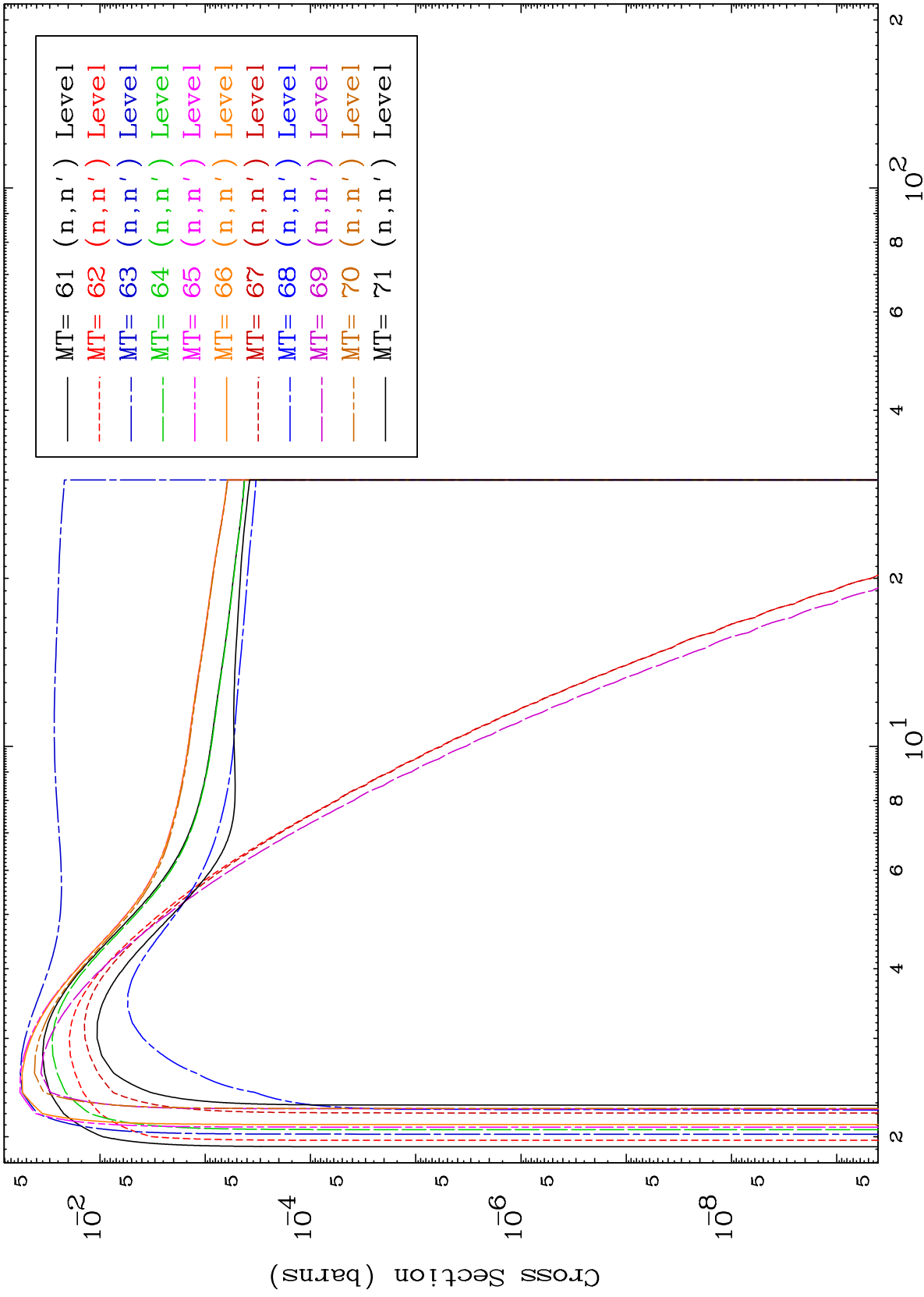
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MAT 5431

(n,n') Level

293 Kelvin Cross Sections

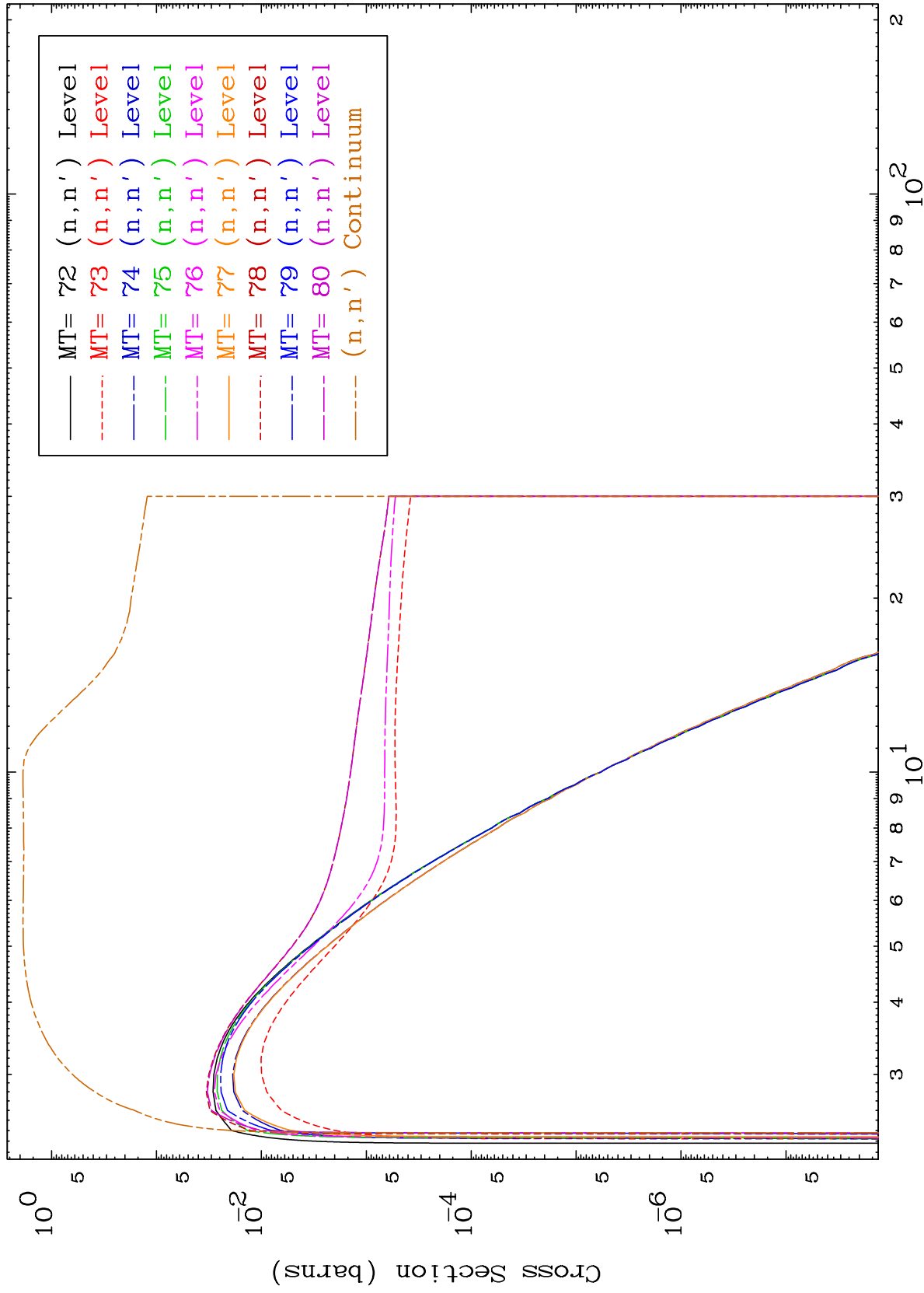
54-Xe-126



8

Incident Energy (MeV)

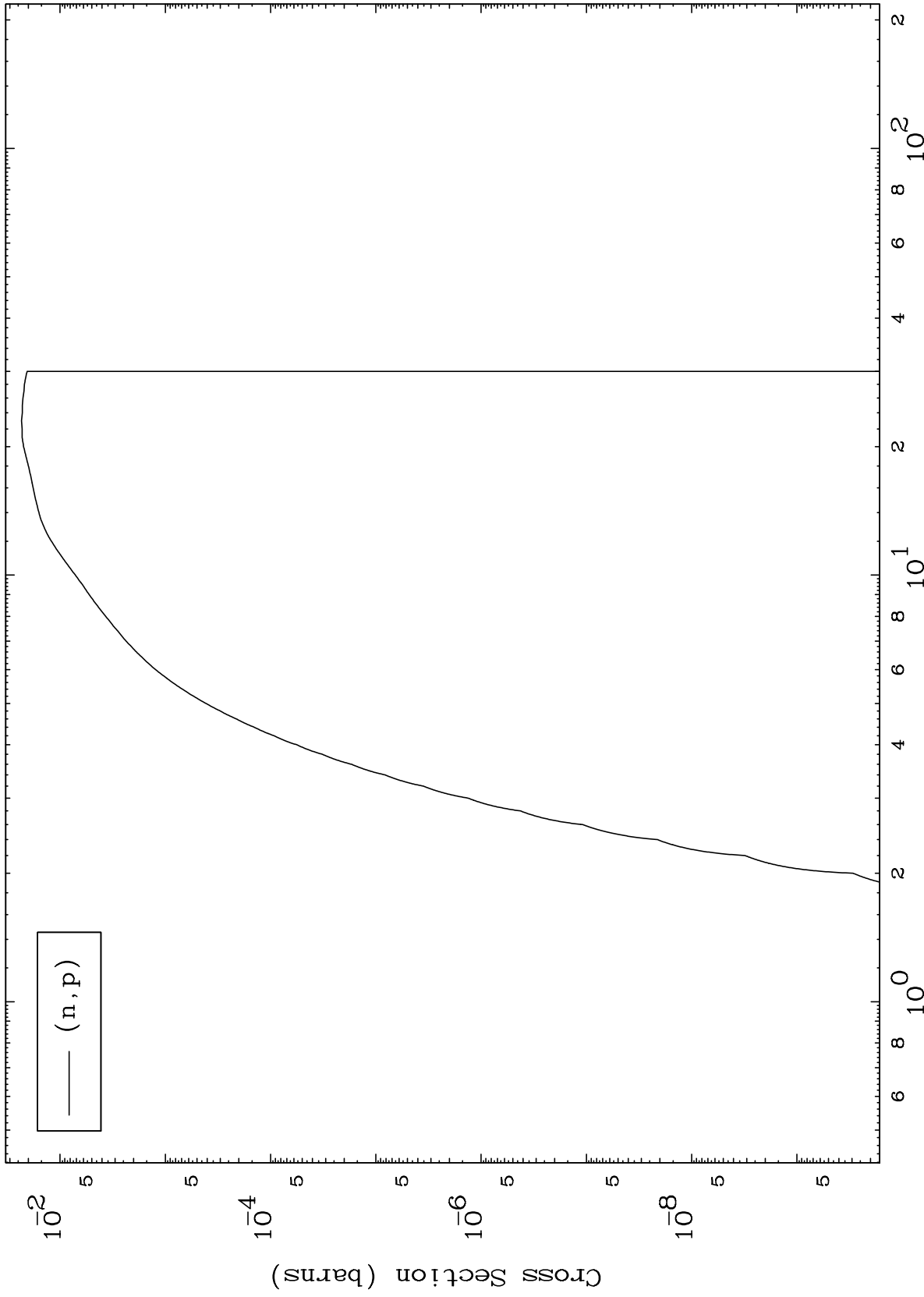
54-Xe-126



MAT 5431

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-126



10

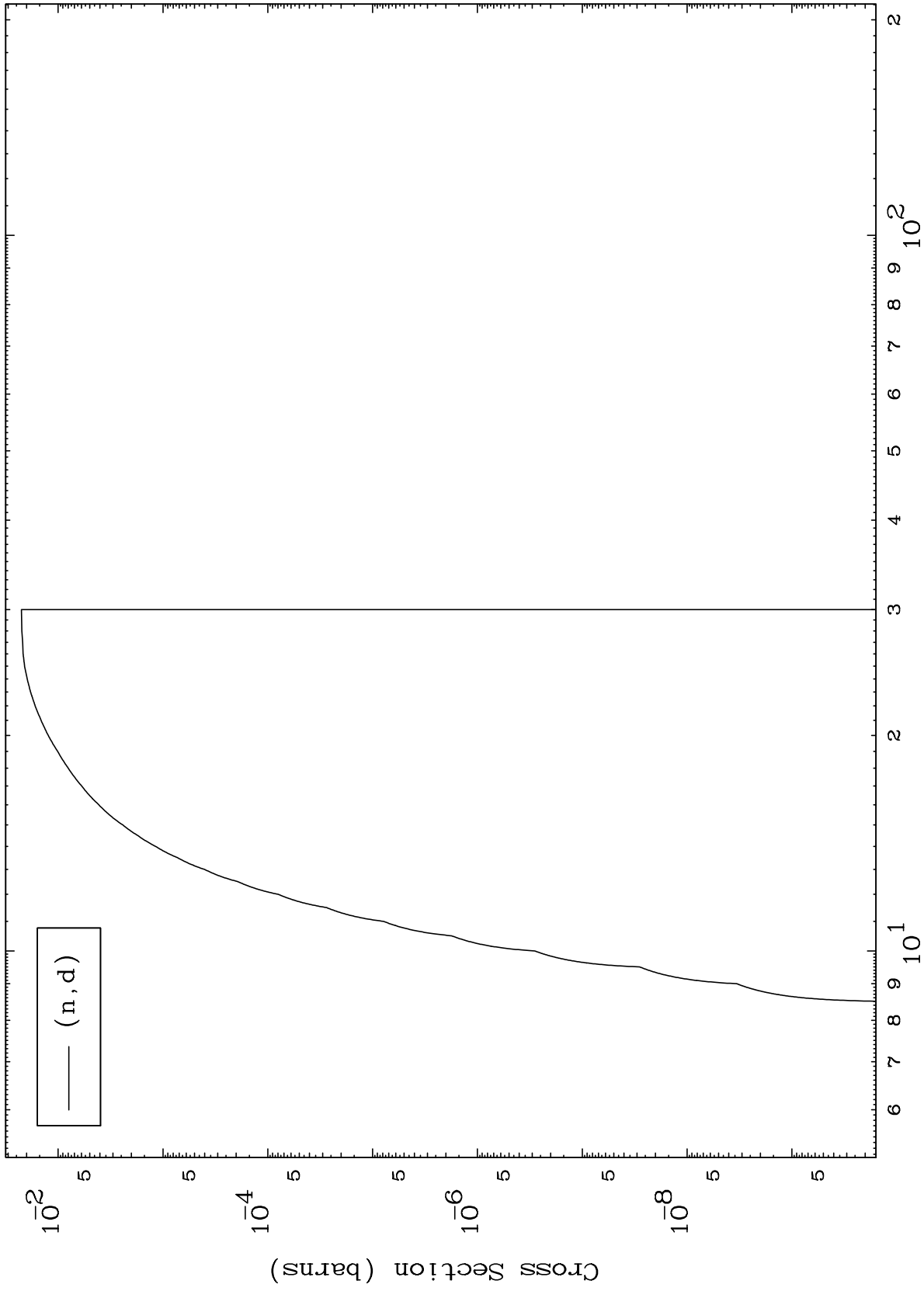
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-126



11

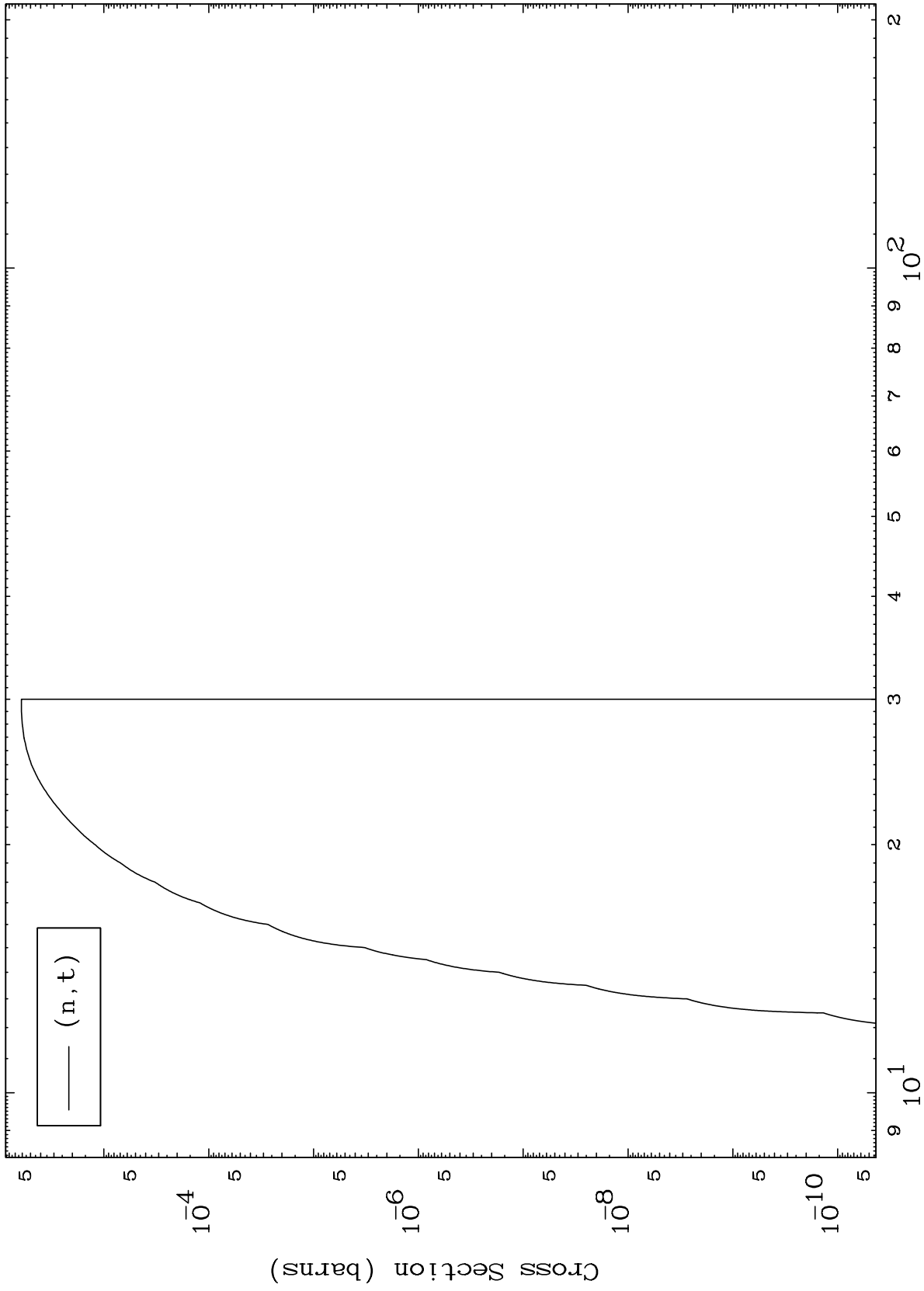
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-126



12

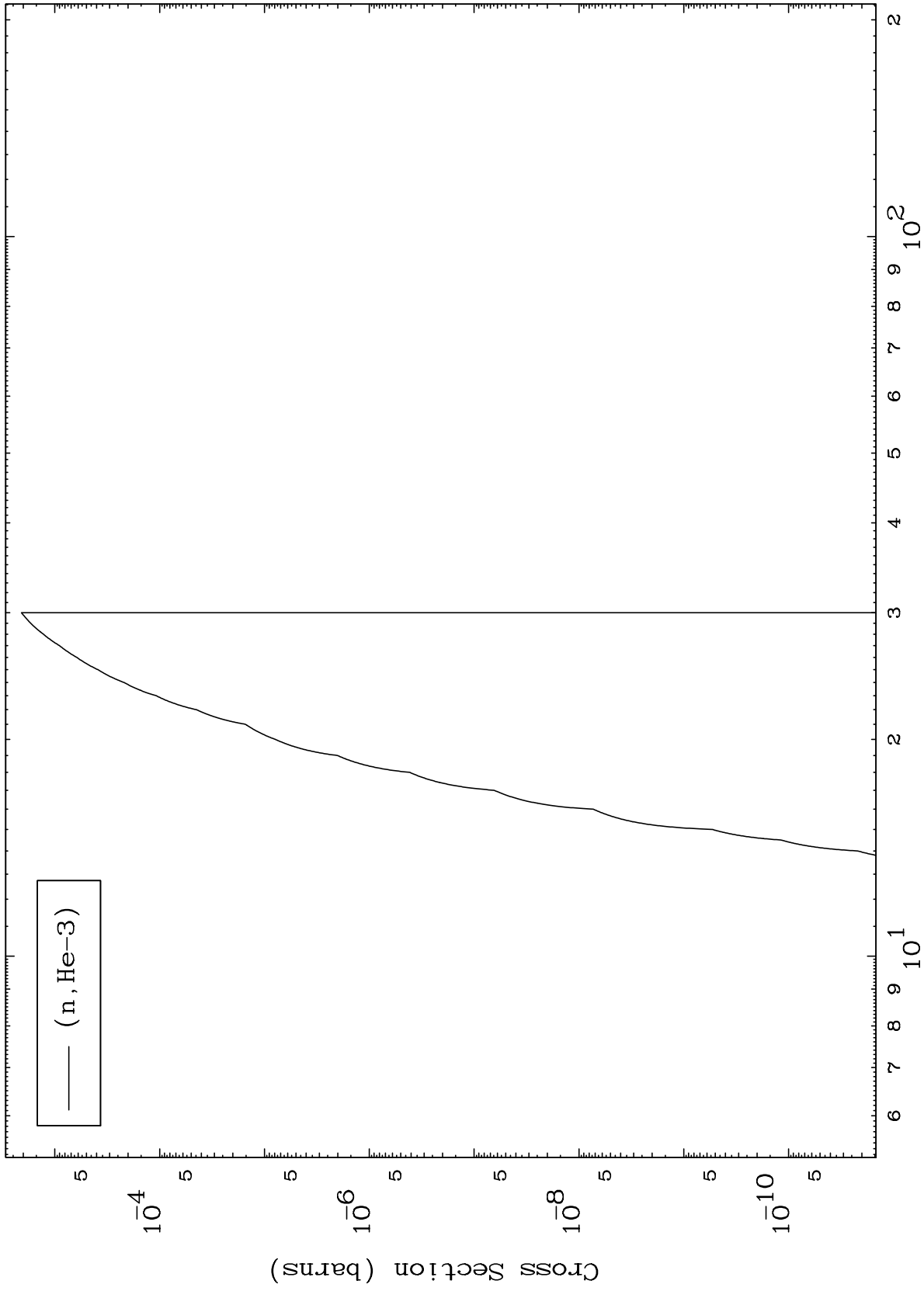
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-126



13

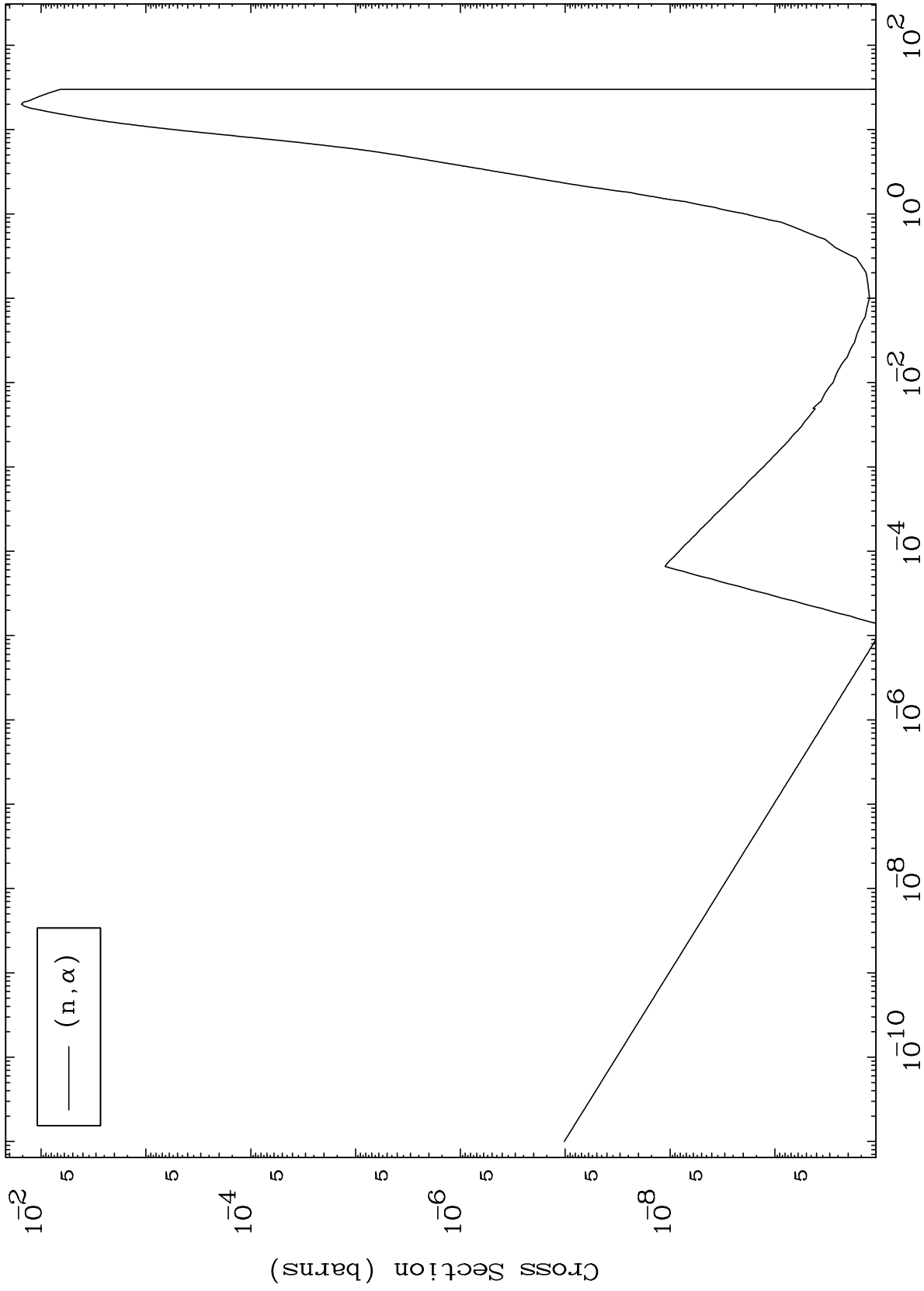
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,α) Levels  
293 Kelvin Cross Sections

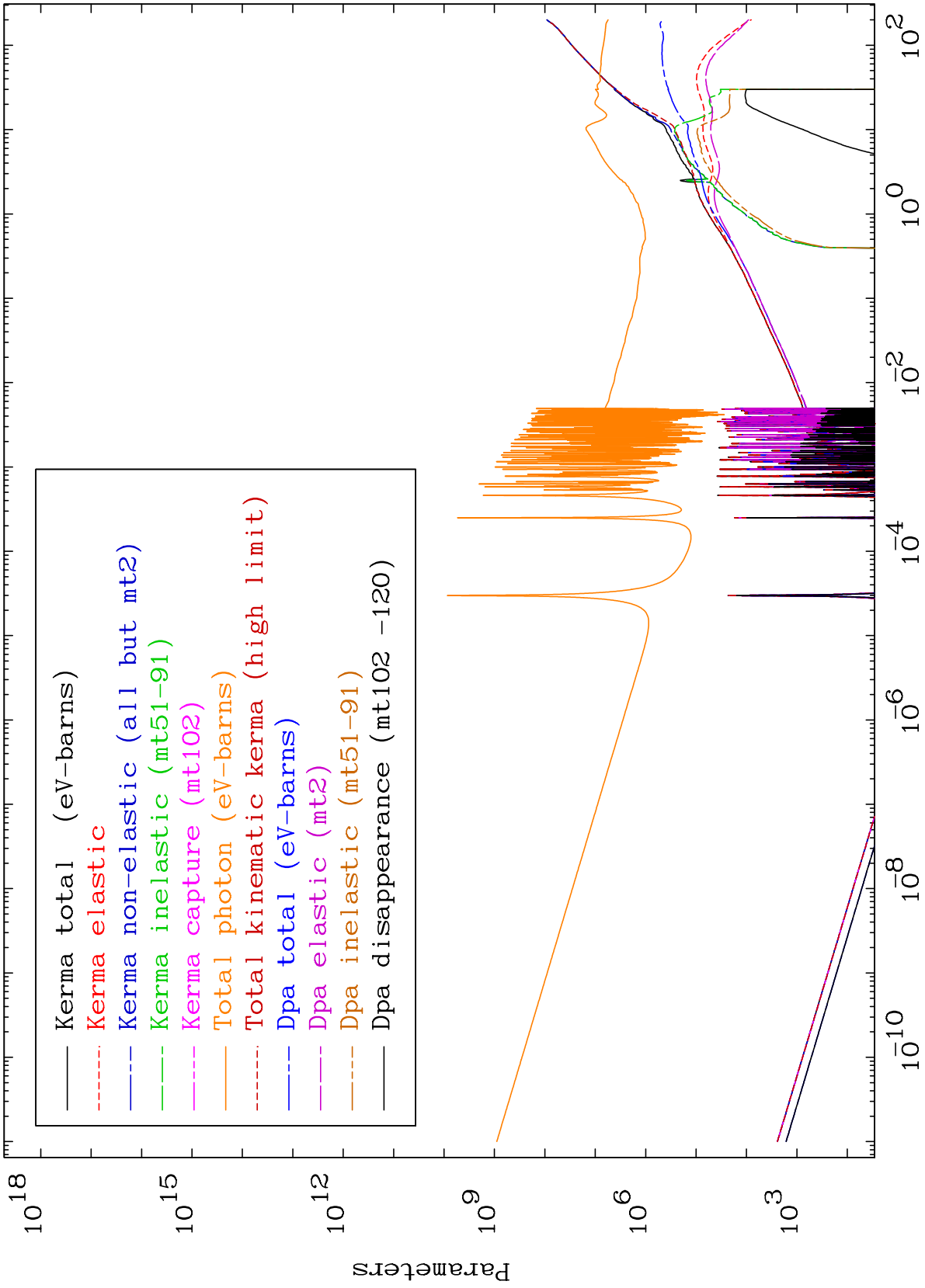
54-Xe-126



14

Incident Energy (MeV)

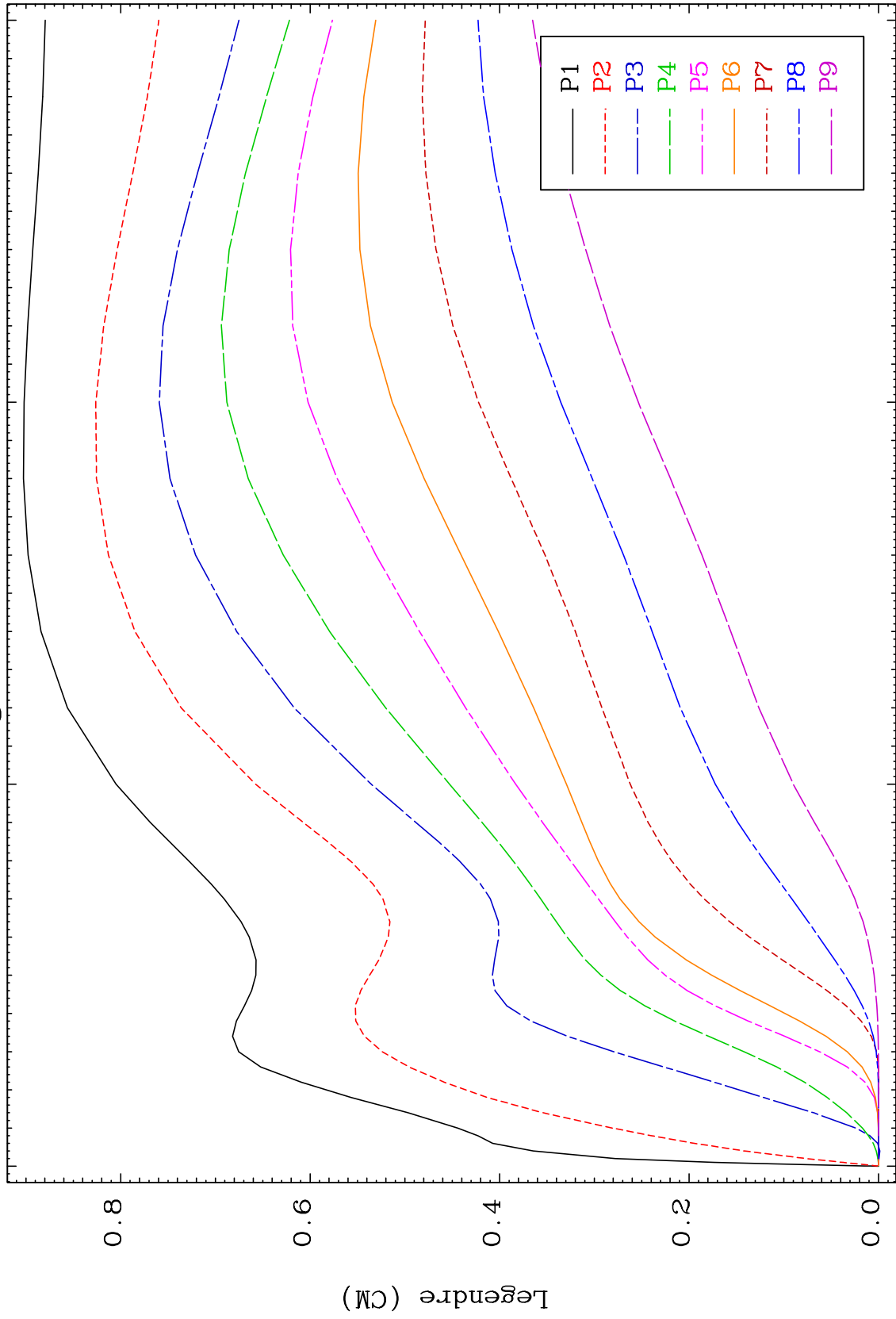
54-Xe-126



MAT 5431

Elastic Legendre Coefficients

54-Xe-126



16

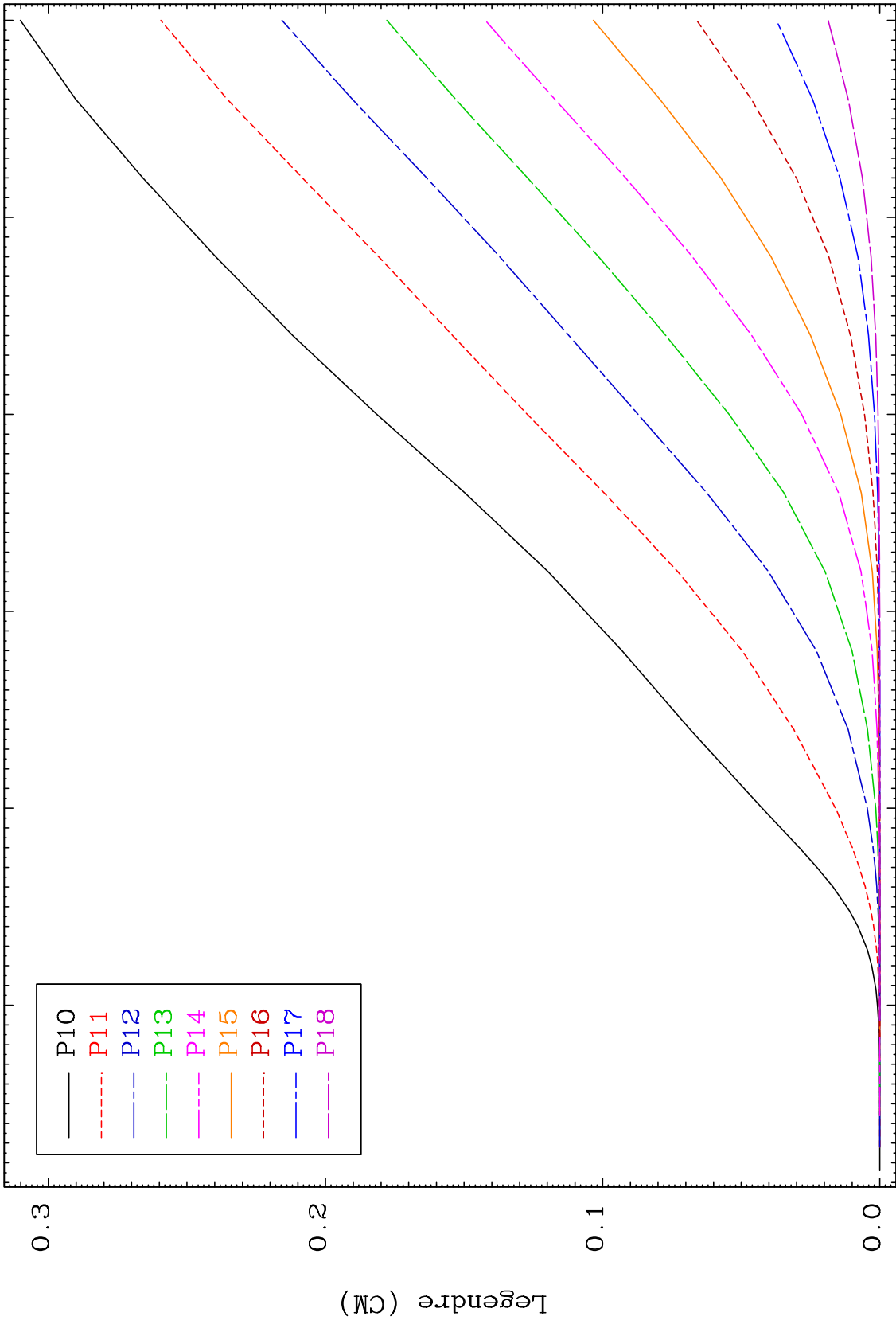
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic Legendre Coefficients

54-Xe-126



17

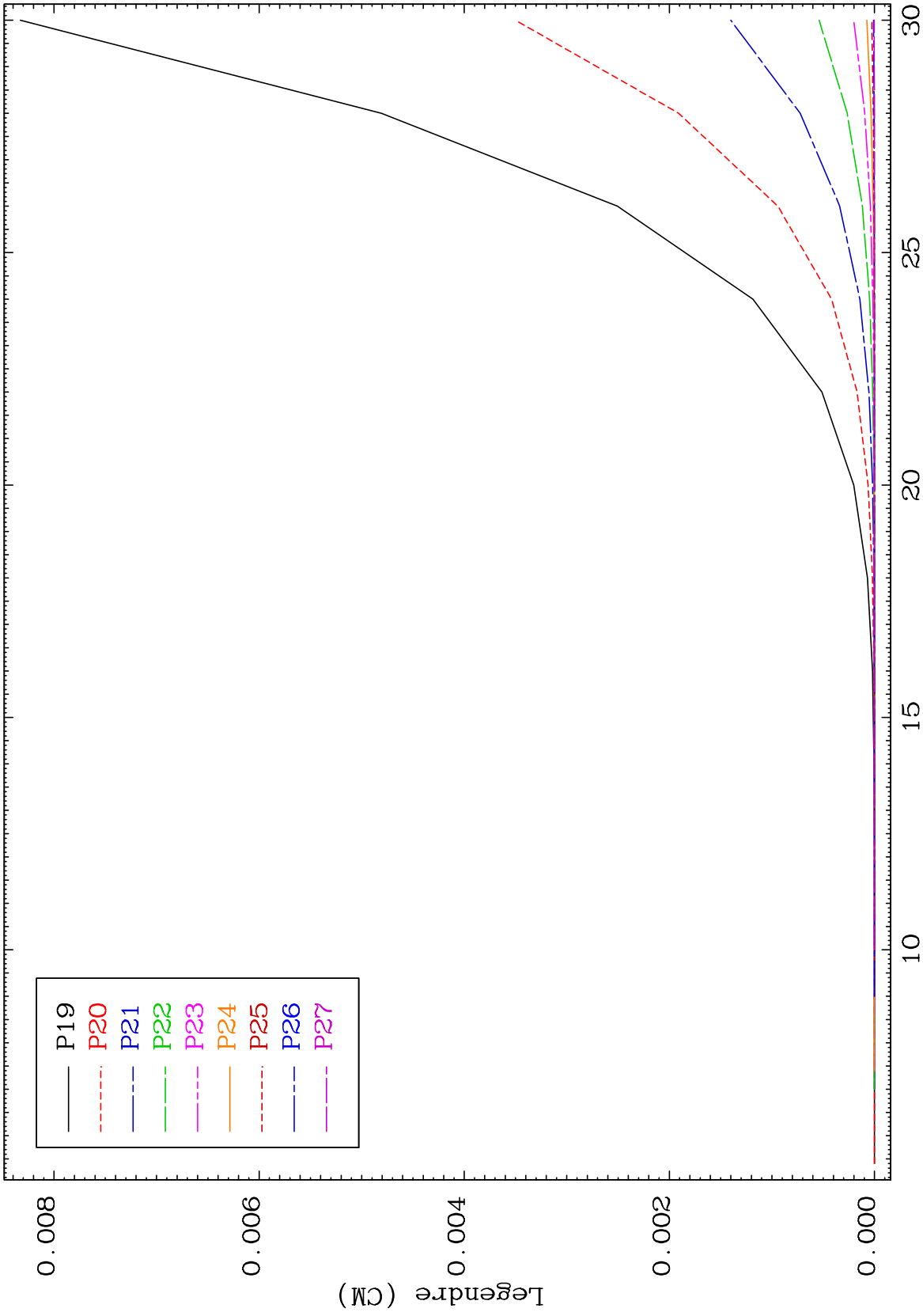
Incident Energy (MeV)

54-Xe-126

MAT 5431

### Elastic Legendre Coefficients

54-Xe-126



18

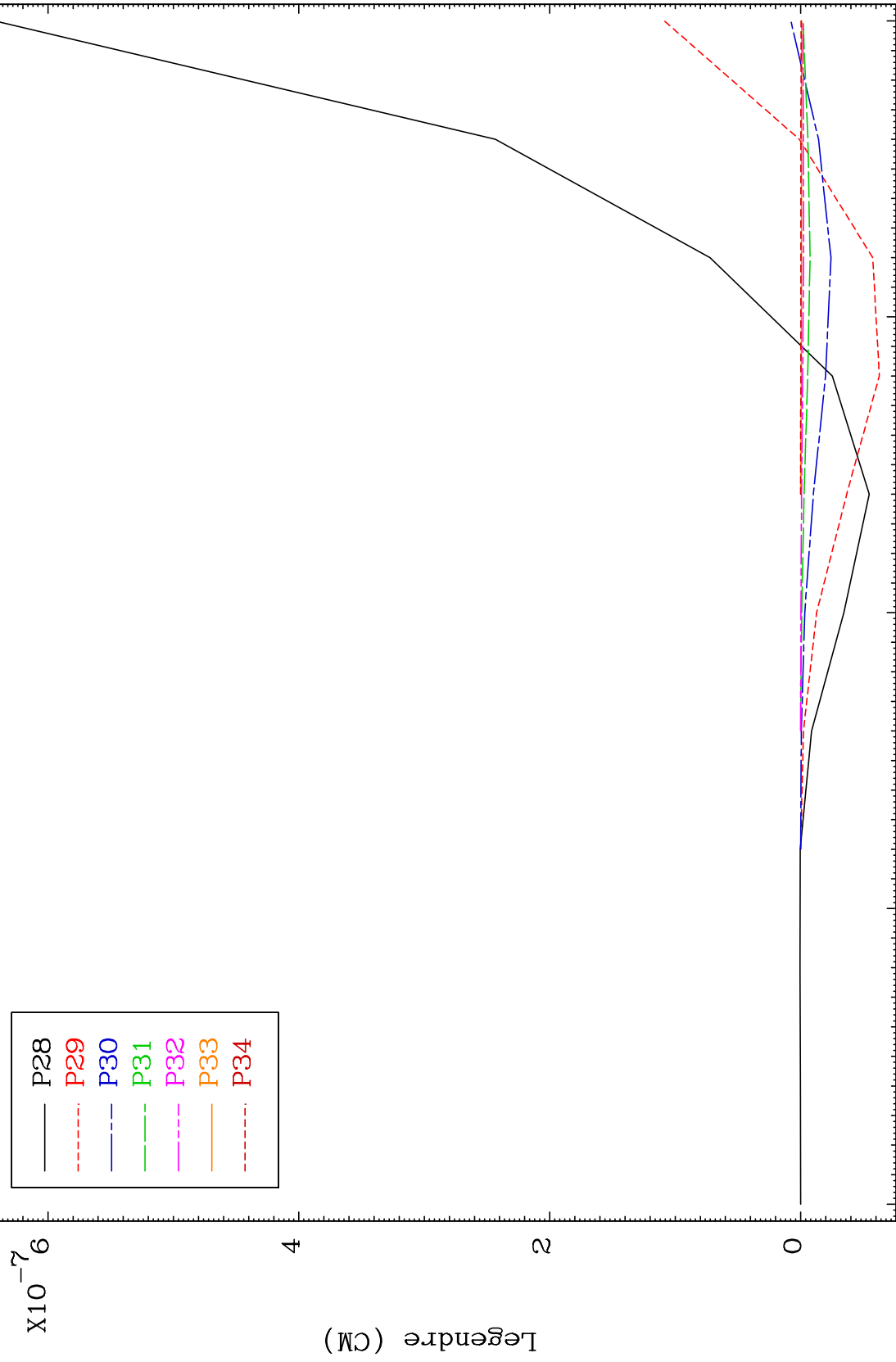
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic Legendre Coefficients

54-Xe-126



19

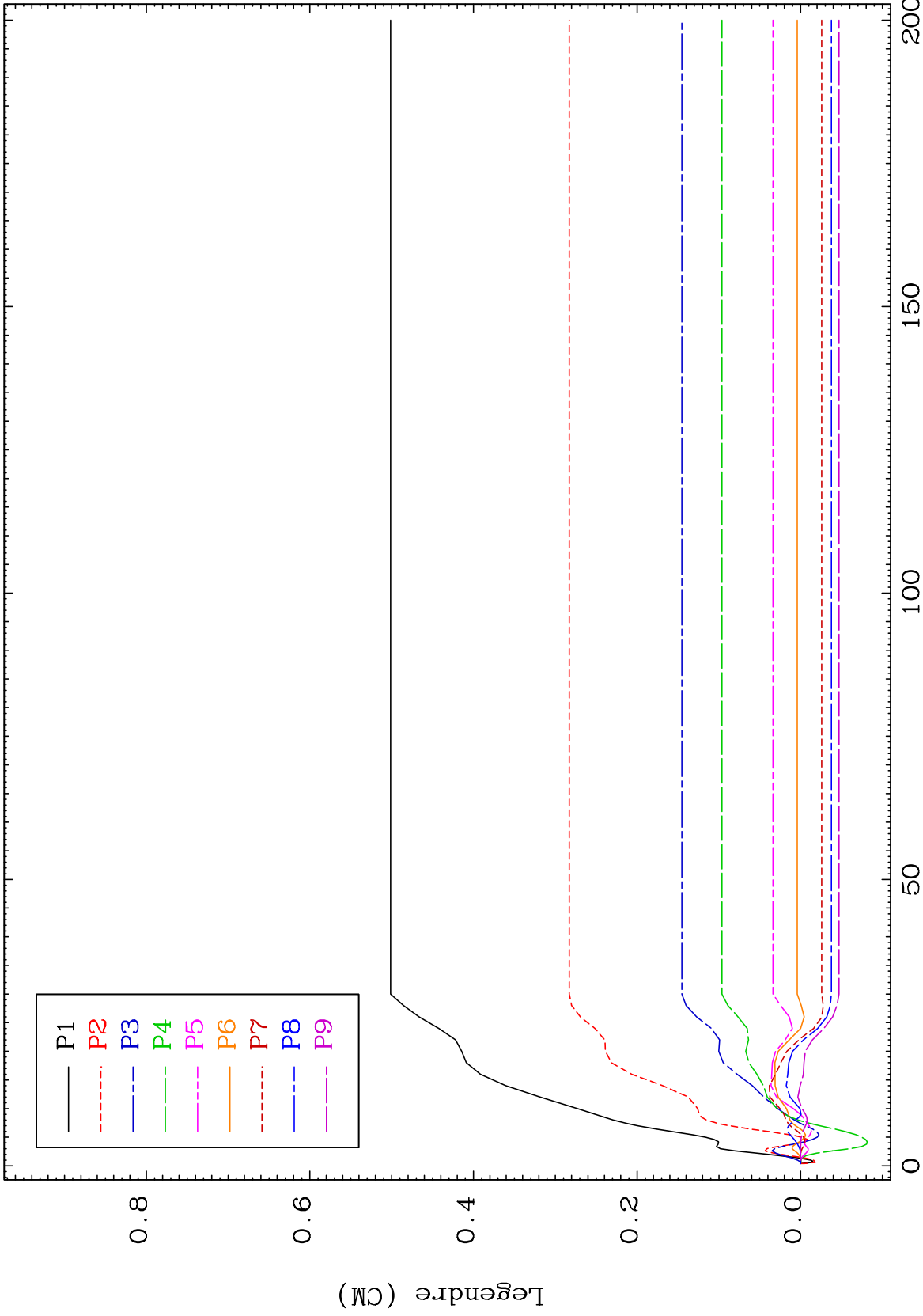
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



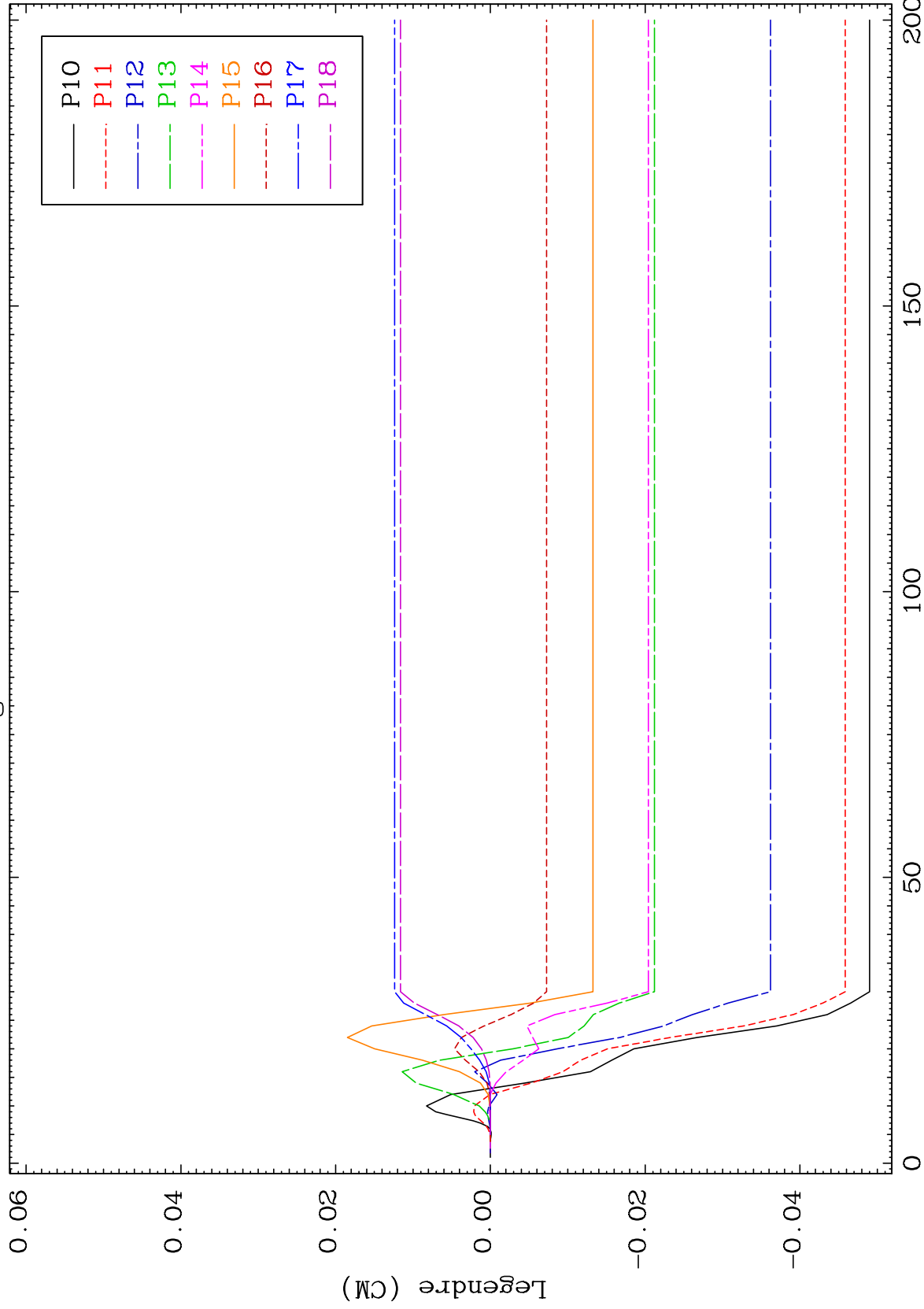
54-Xe-126

Incident Energy (MeV)

MAT 5431

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

54-Xe-126



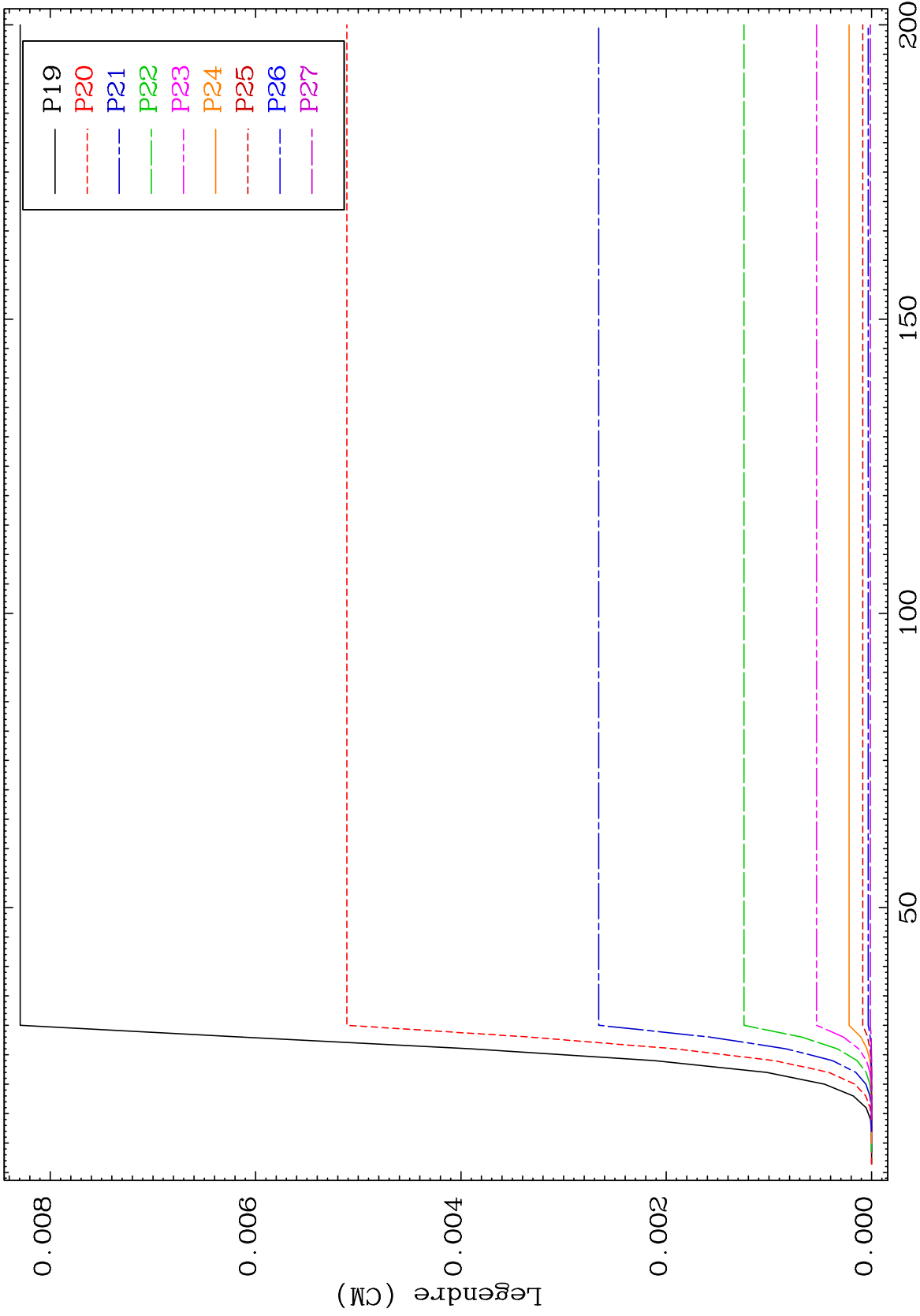
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54-Xe-126

MAT 5431

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

54-Xe-126



22

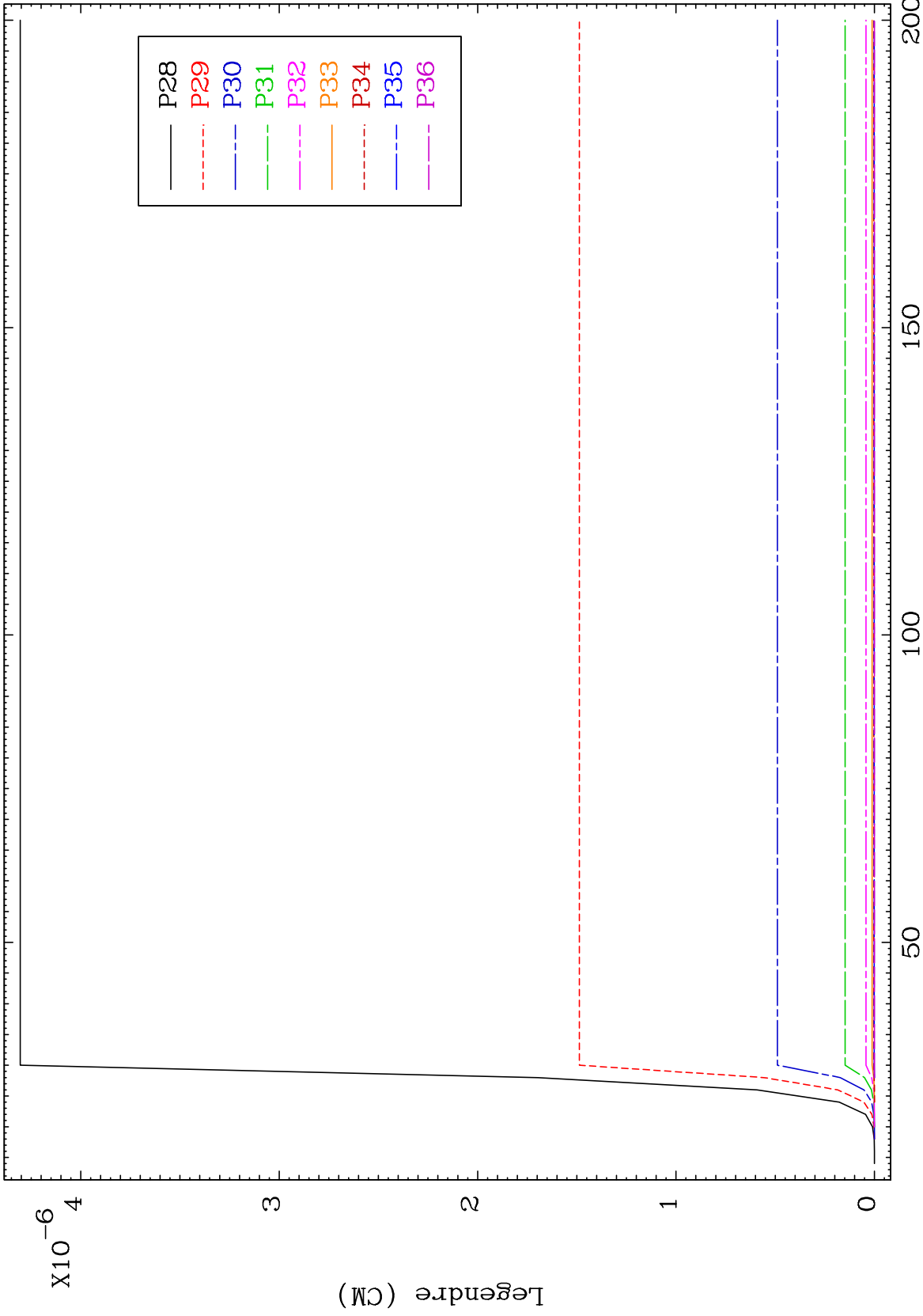
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



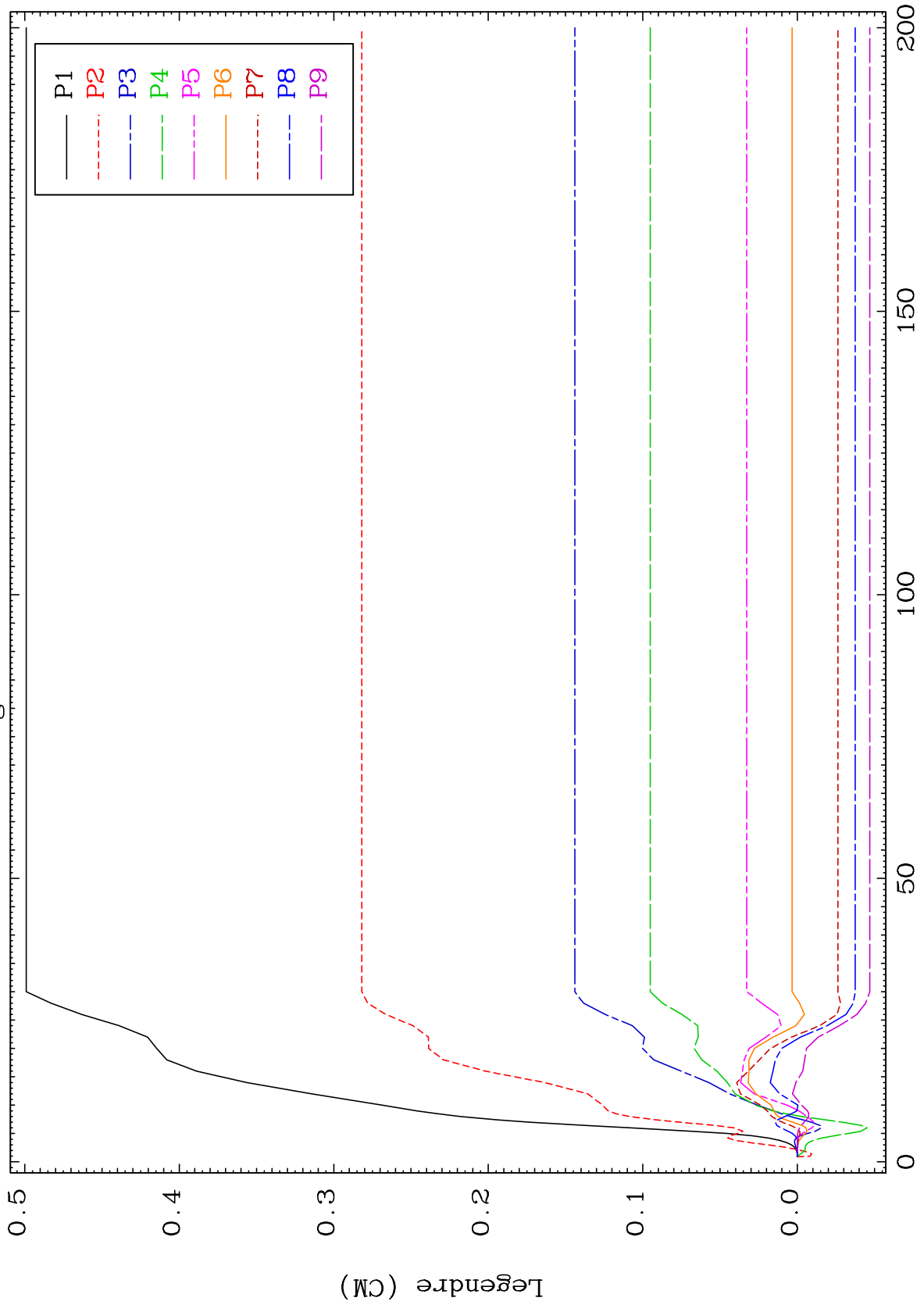
23

54-Xe-126

MAT 5431

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

54-Xe-126



24

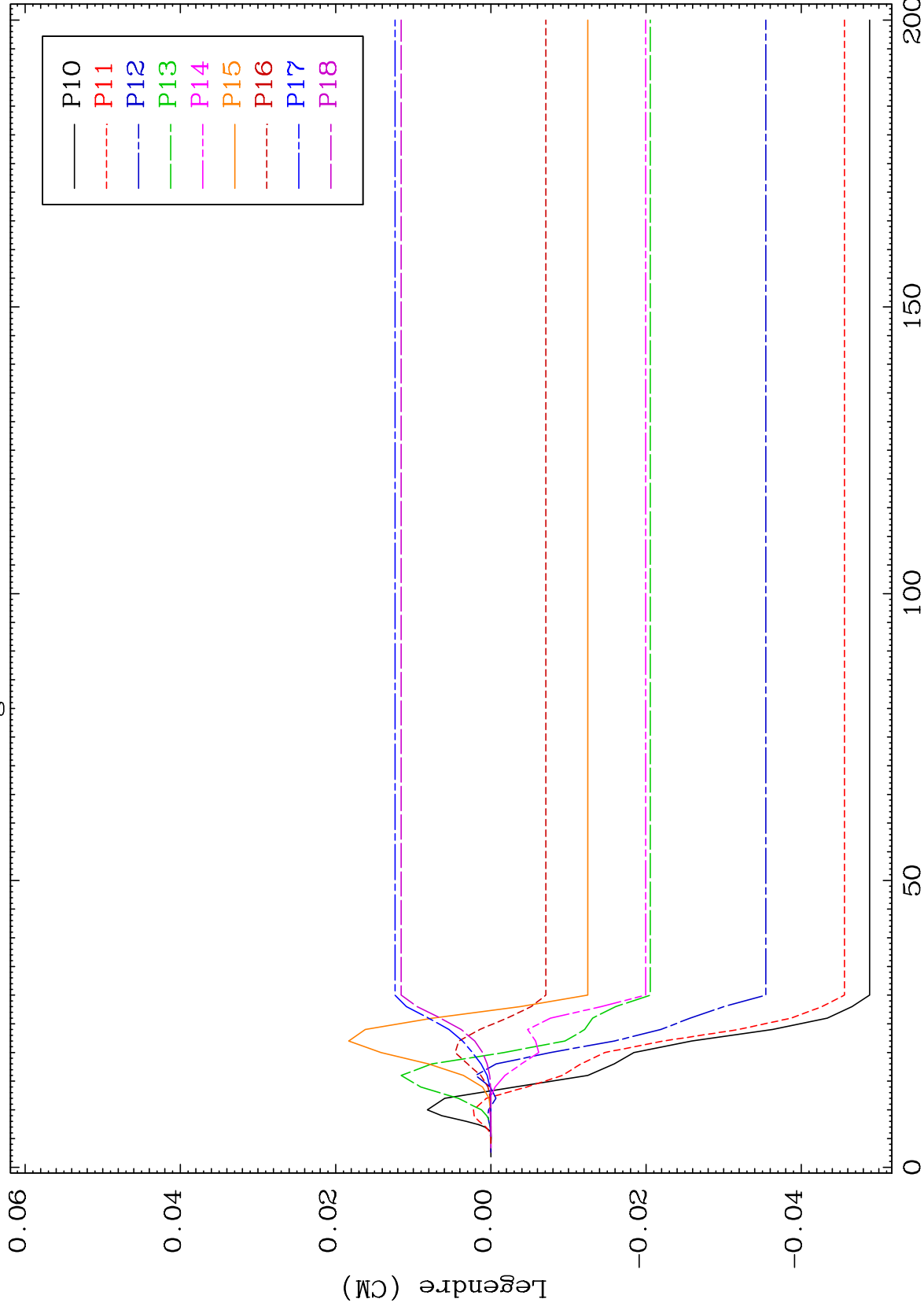
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



25

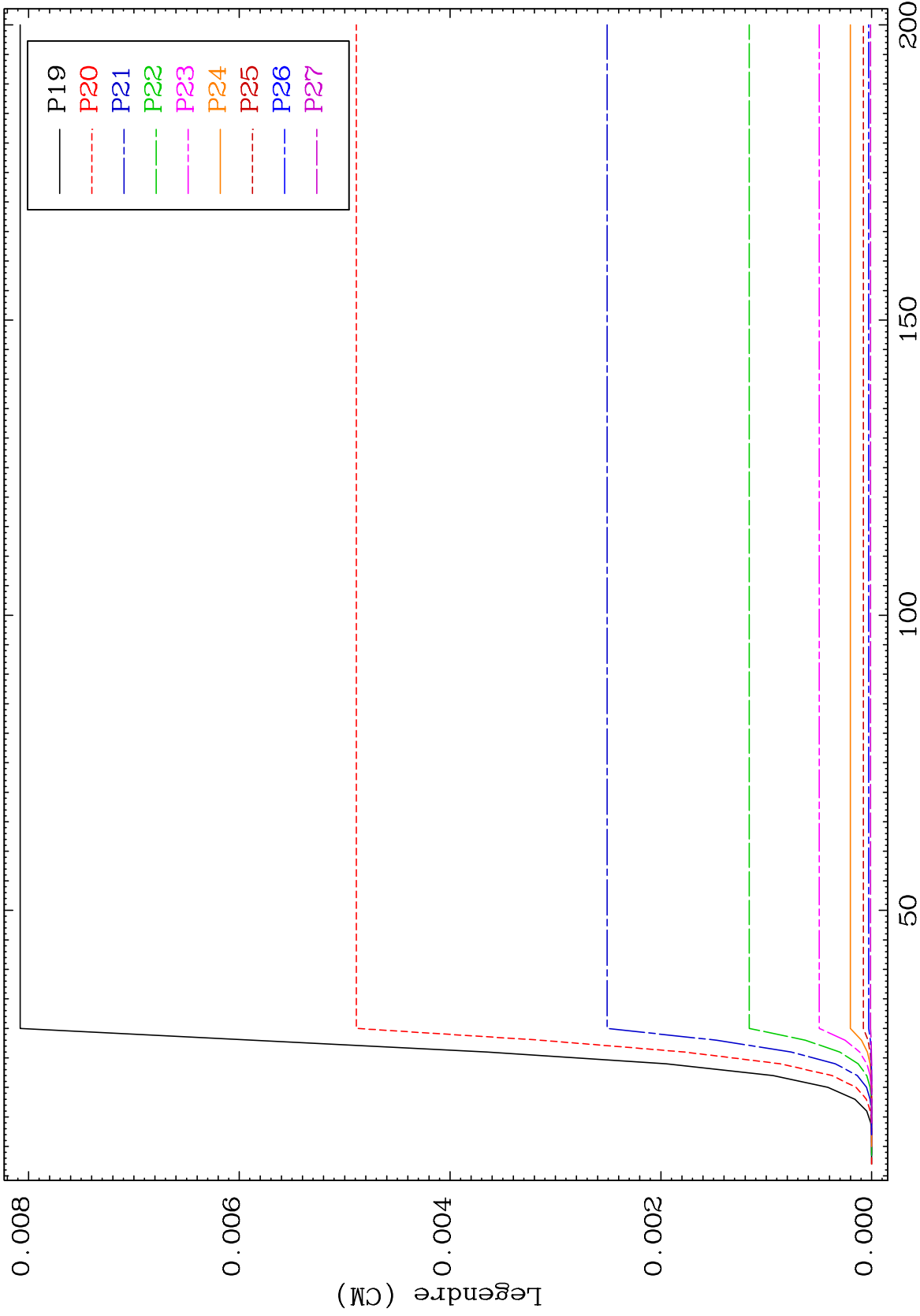
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



26

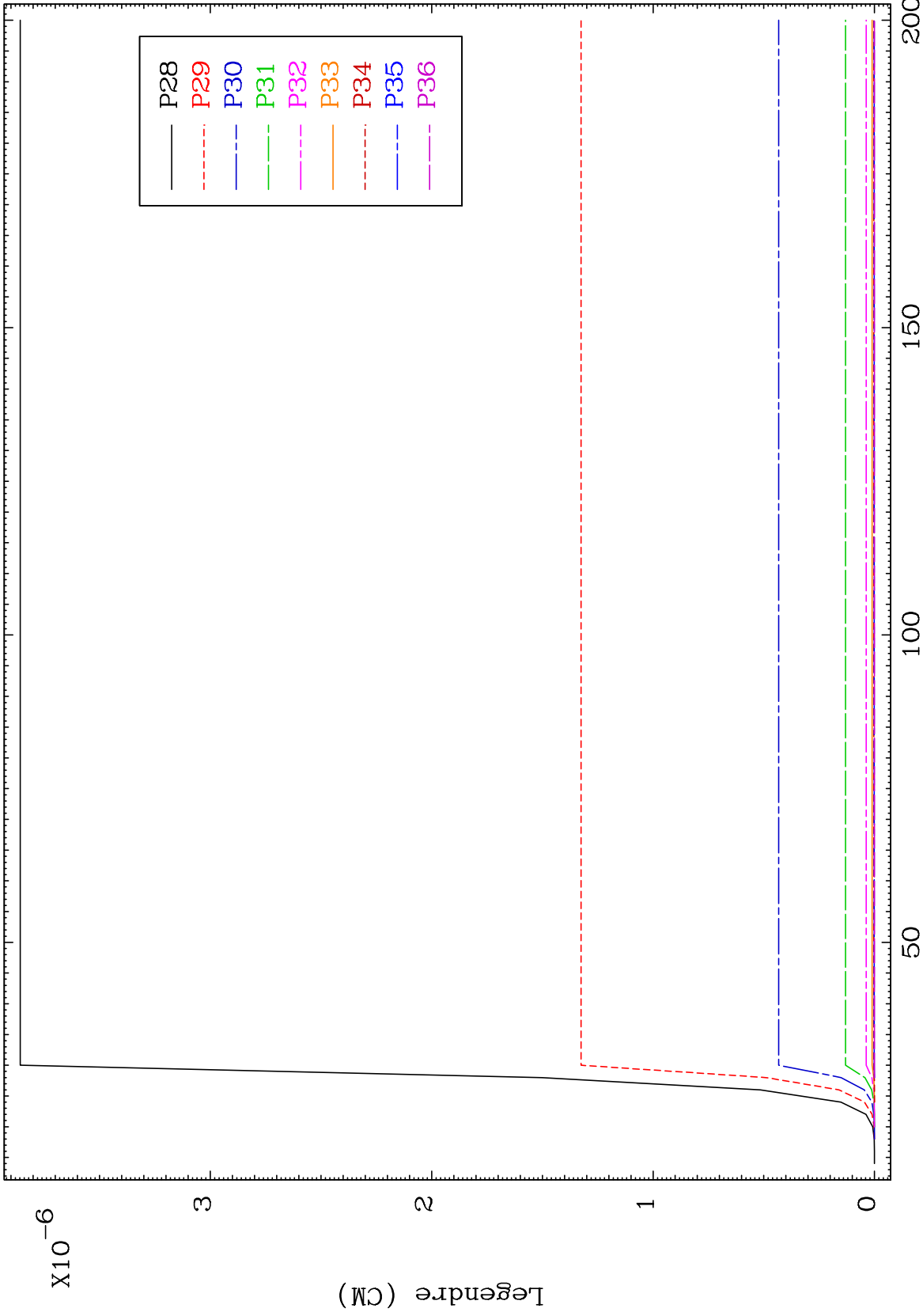
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



27

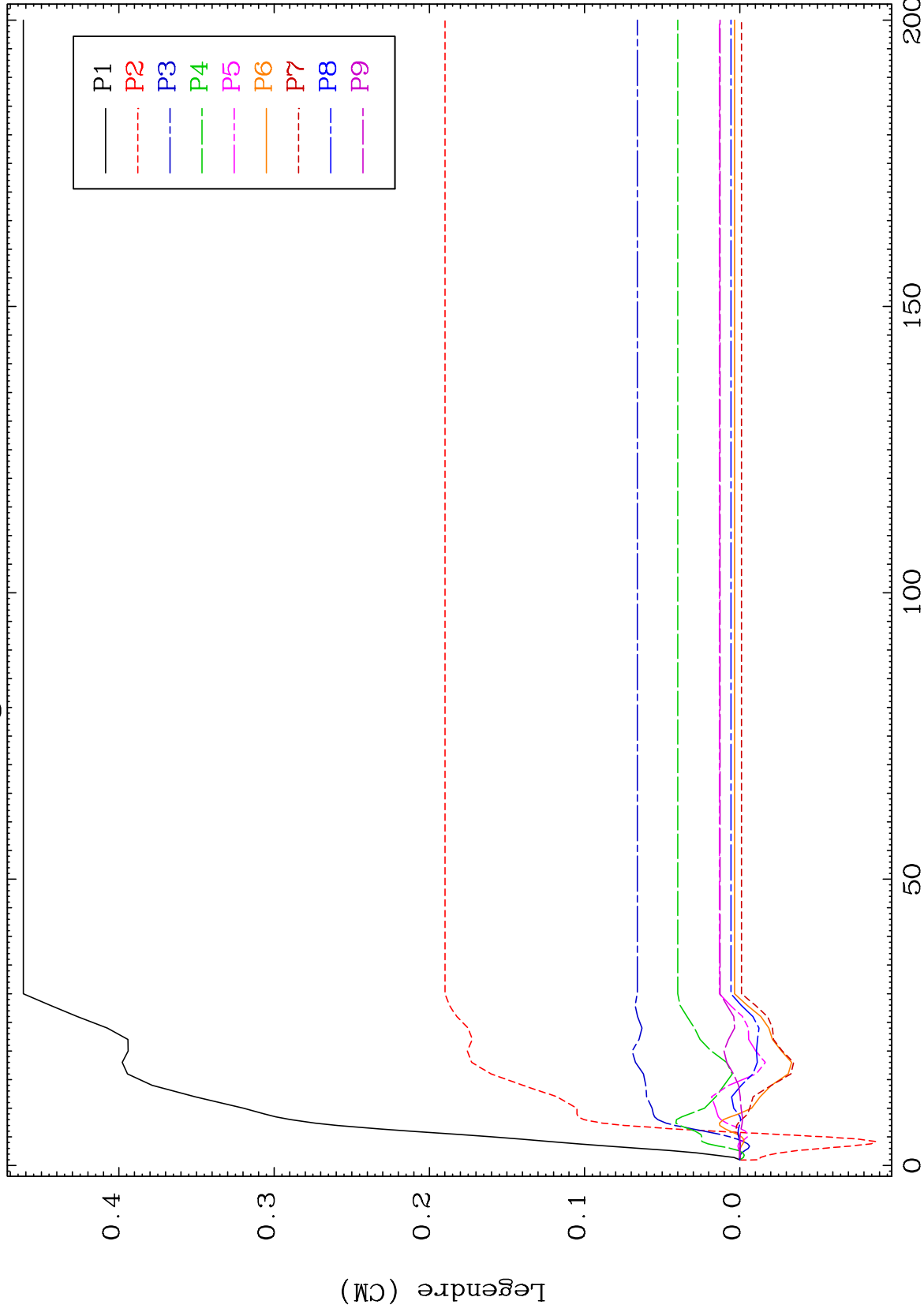
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



28

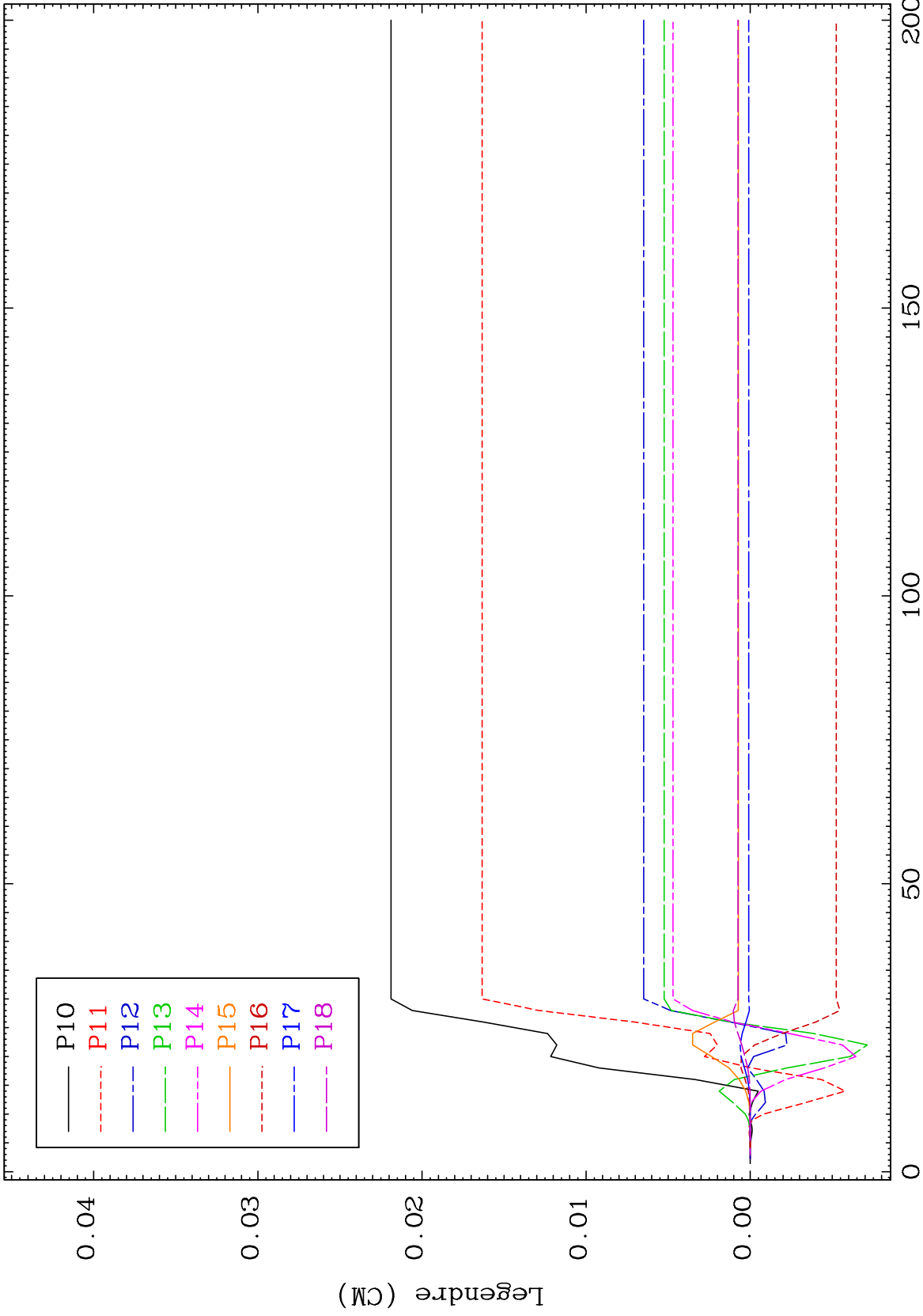
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



29

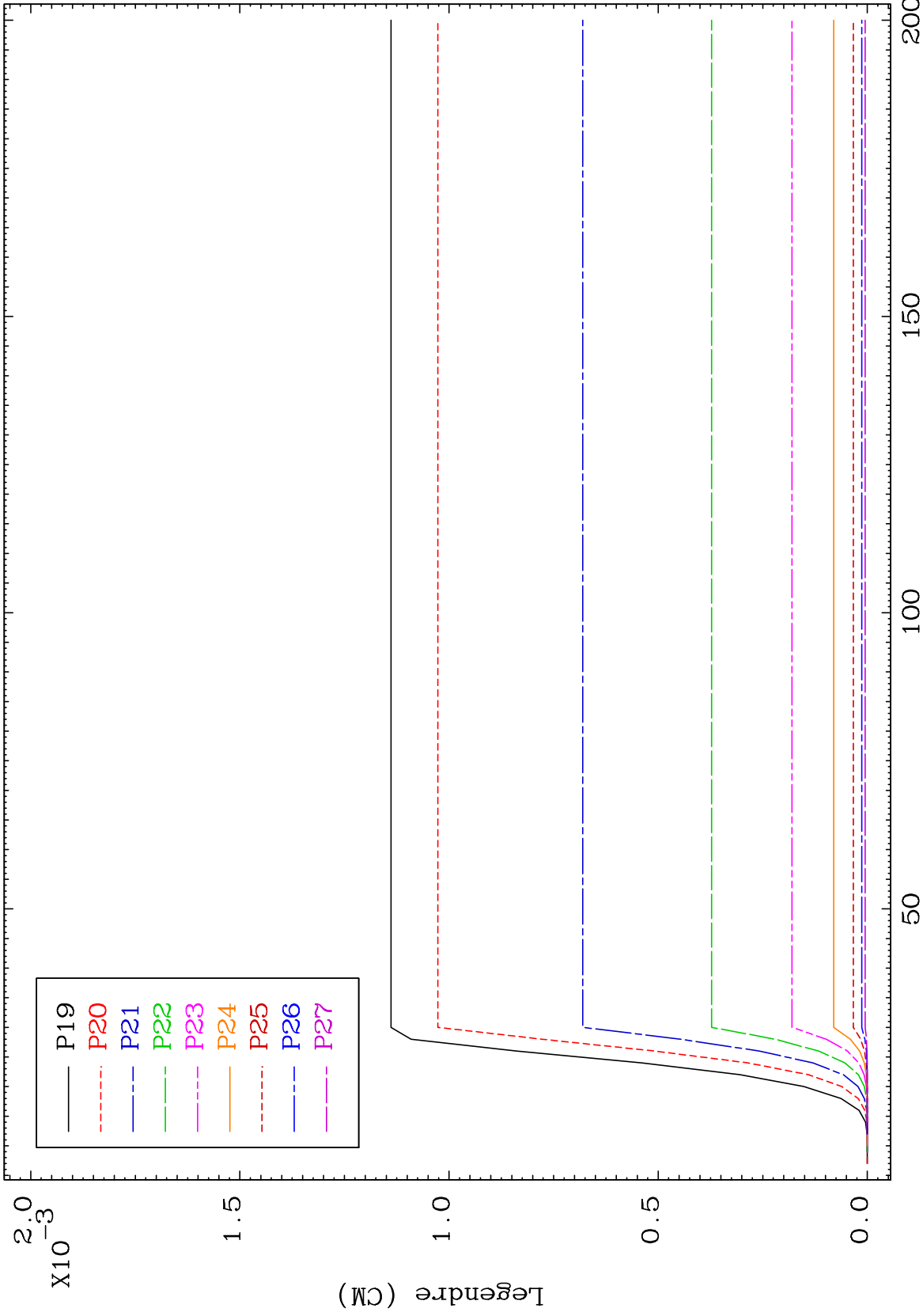
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



30

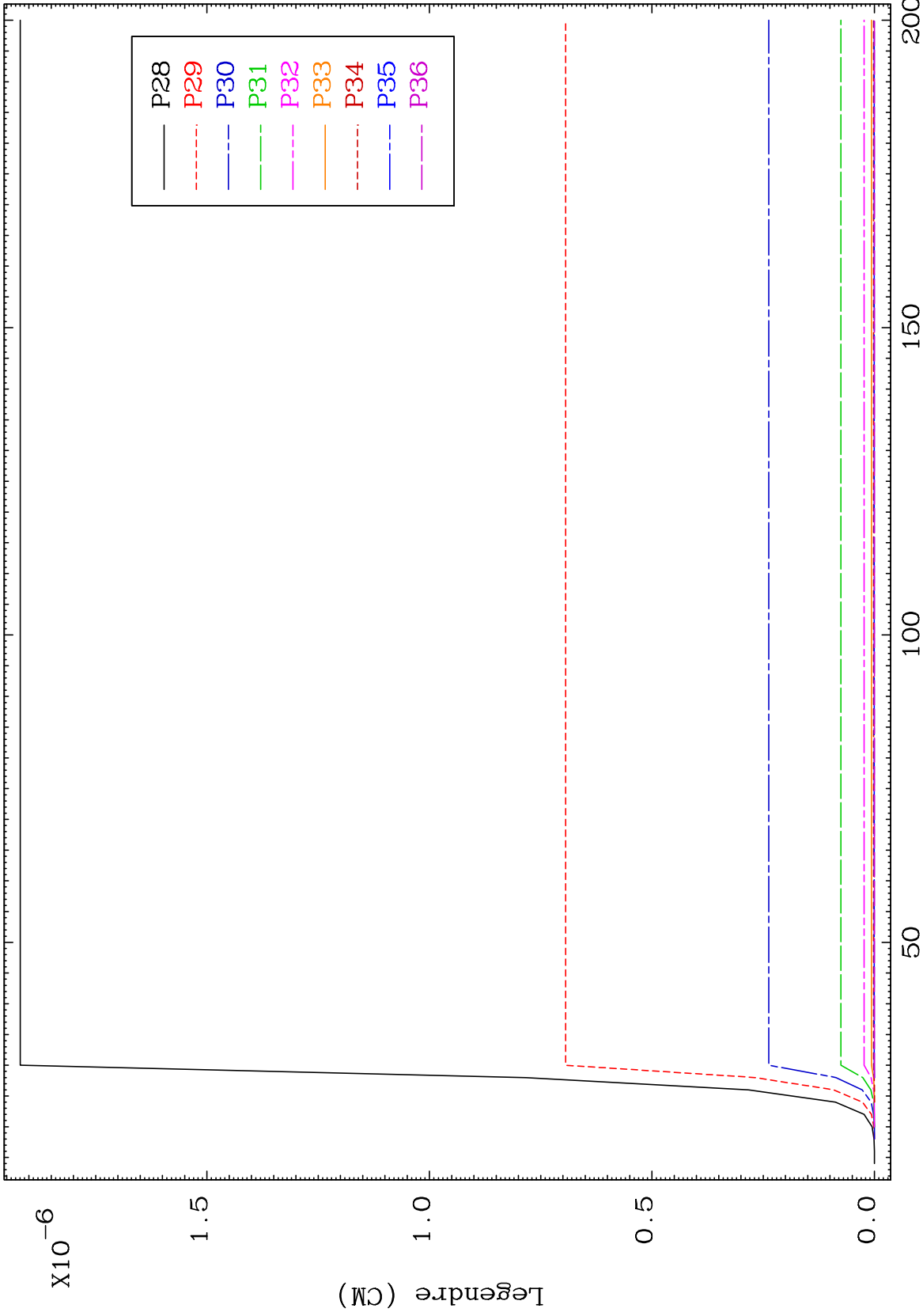
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



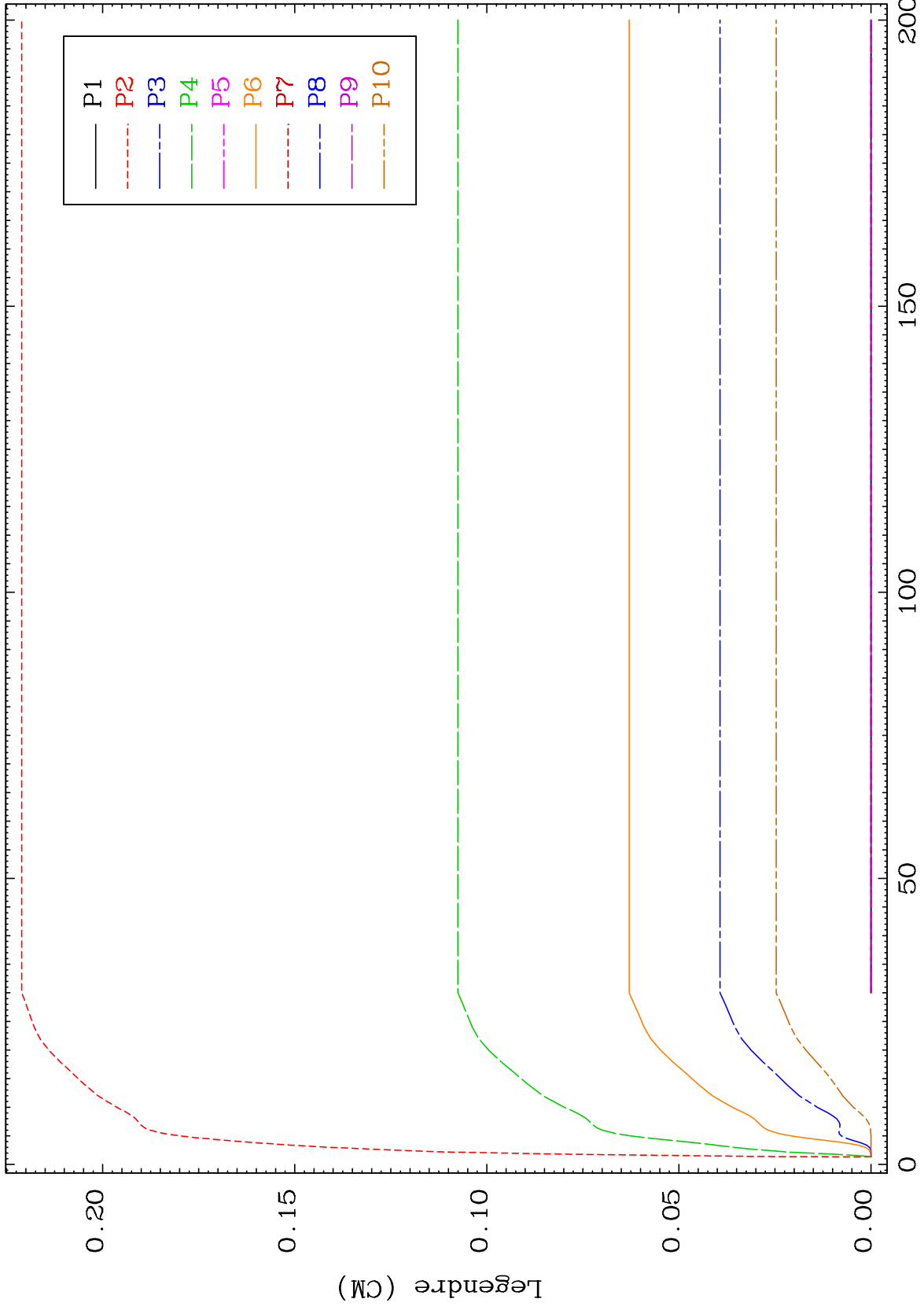
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54-Xe-126

MAT 5431

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

54-Xe-126



32

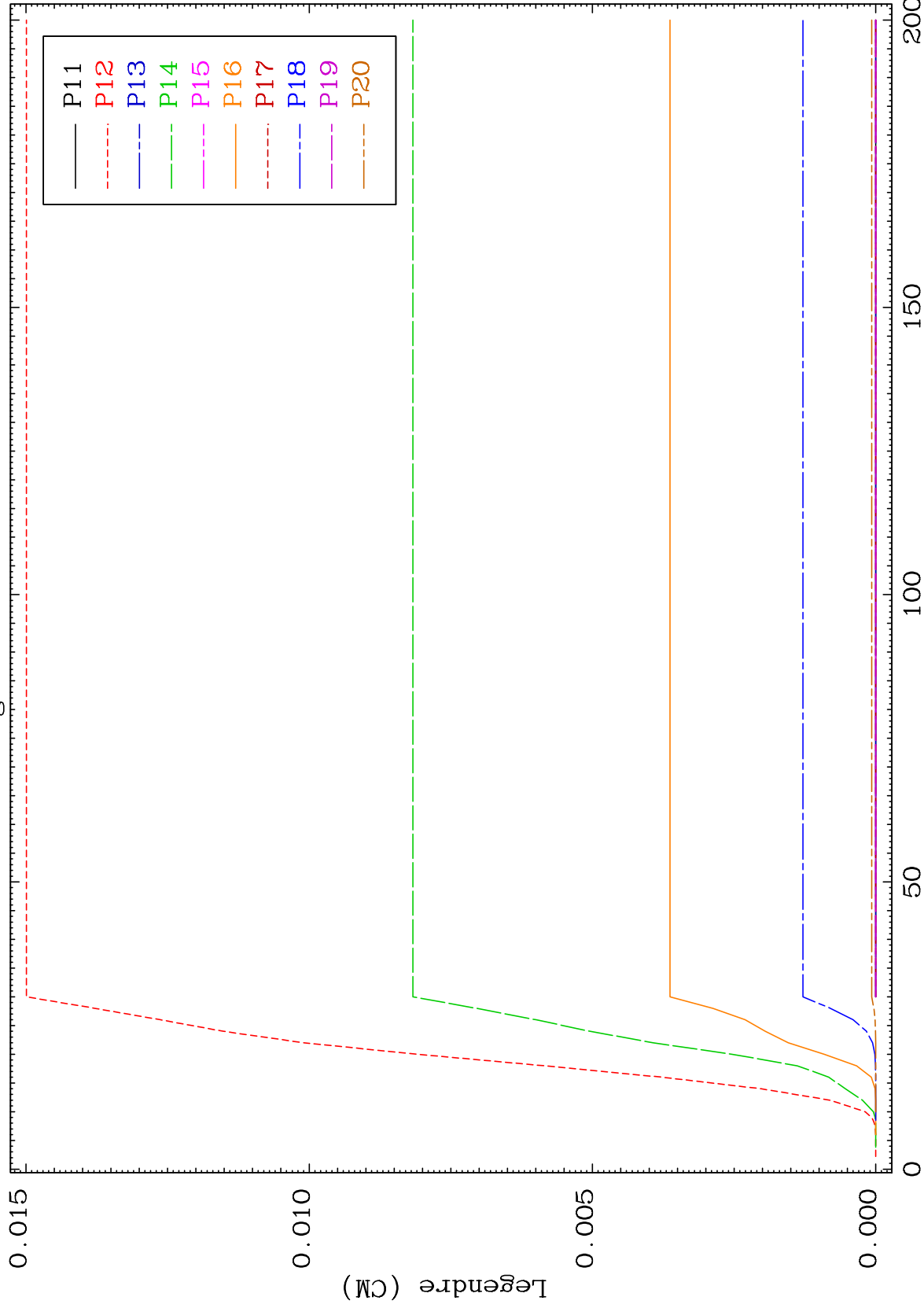
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



33

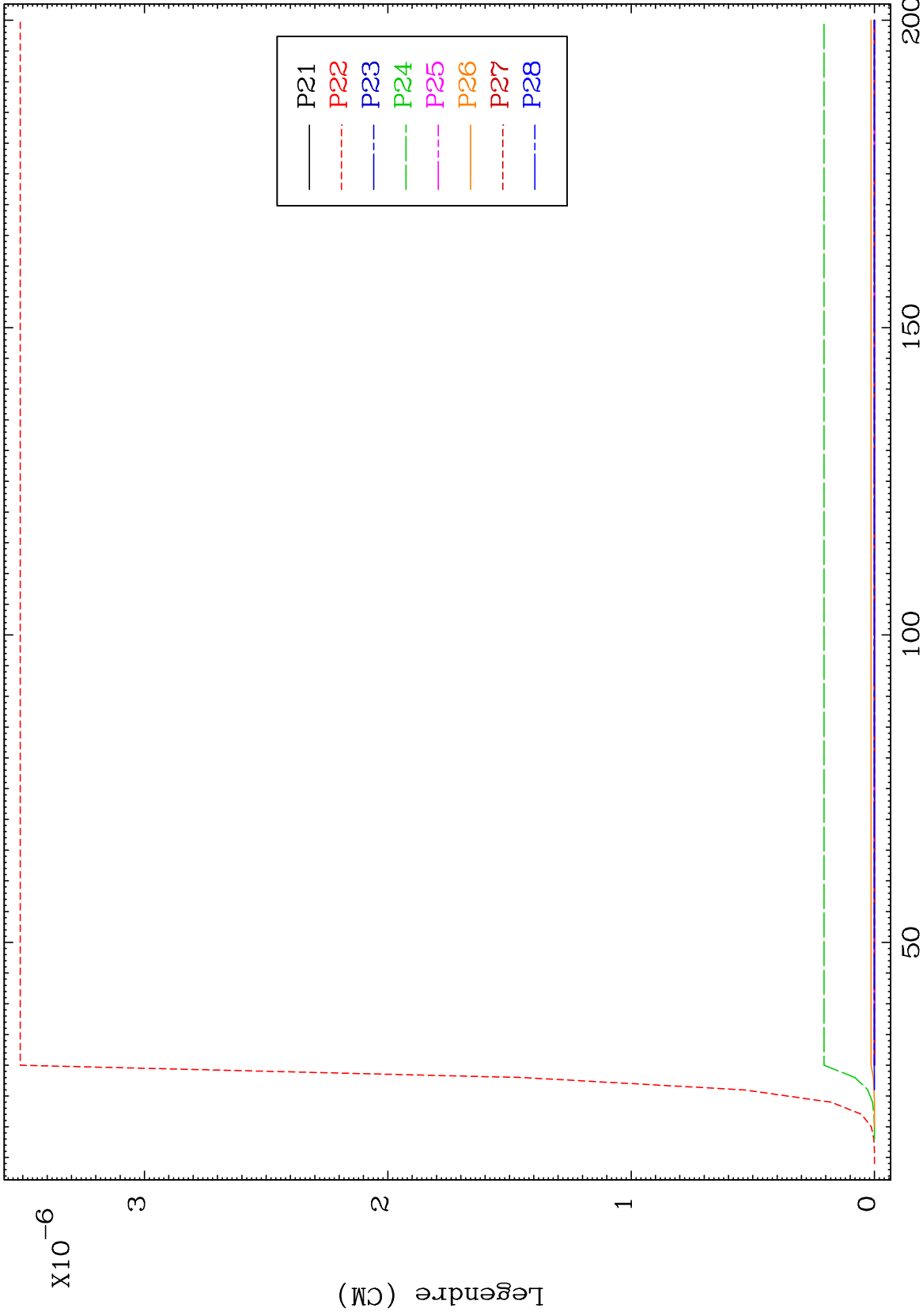
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



34

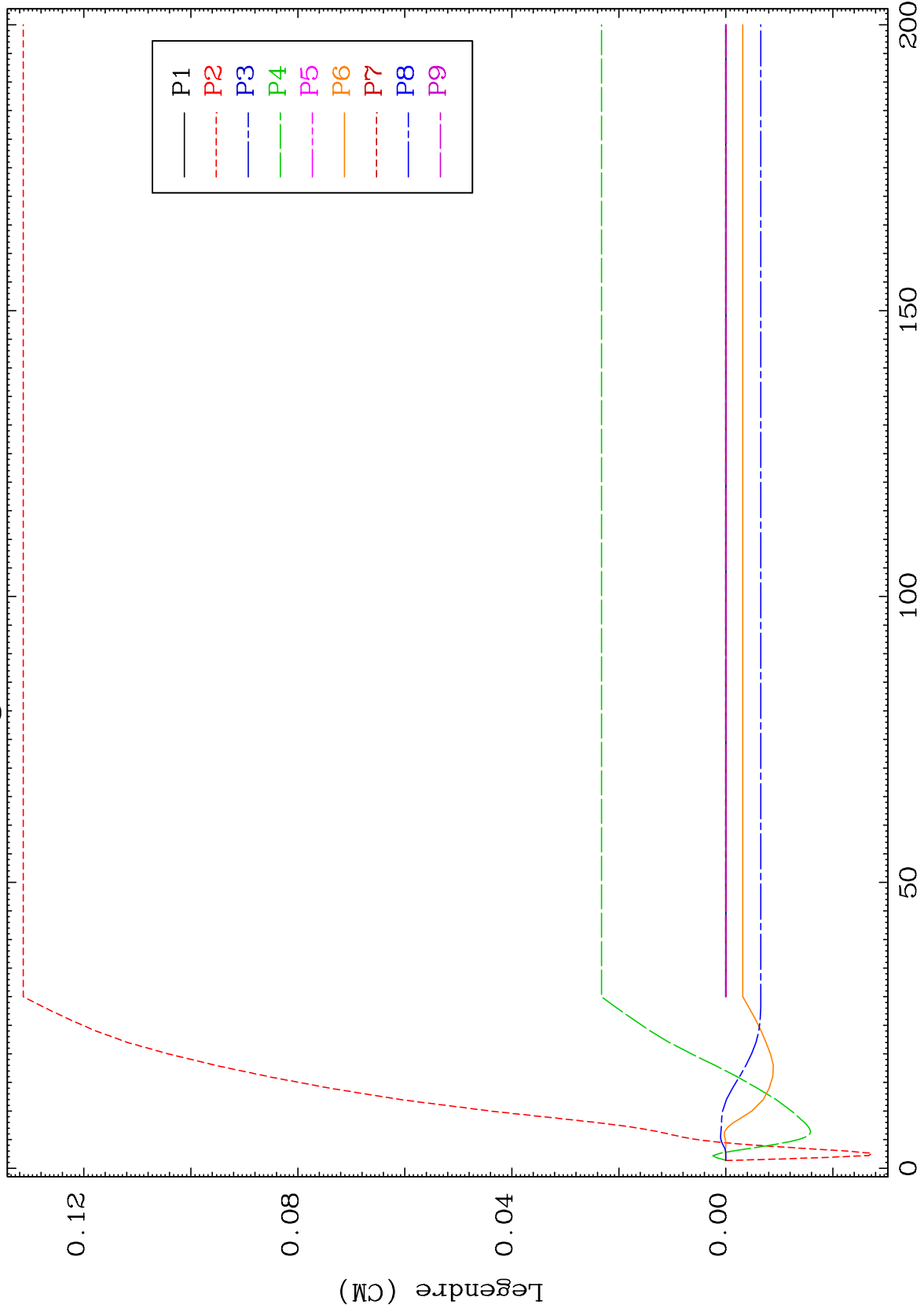
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



35

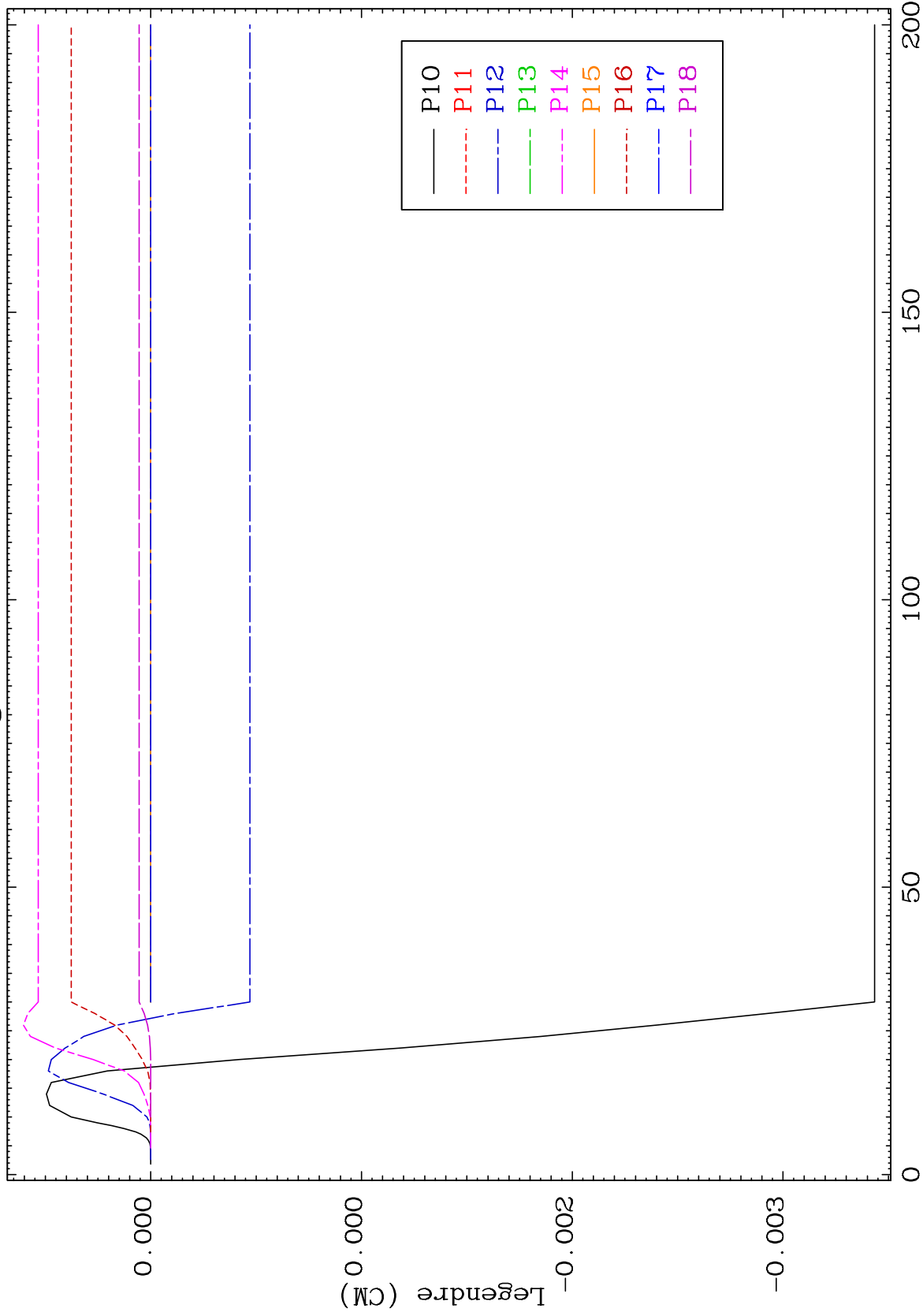
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



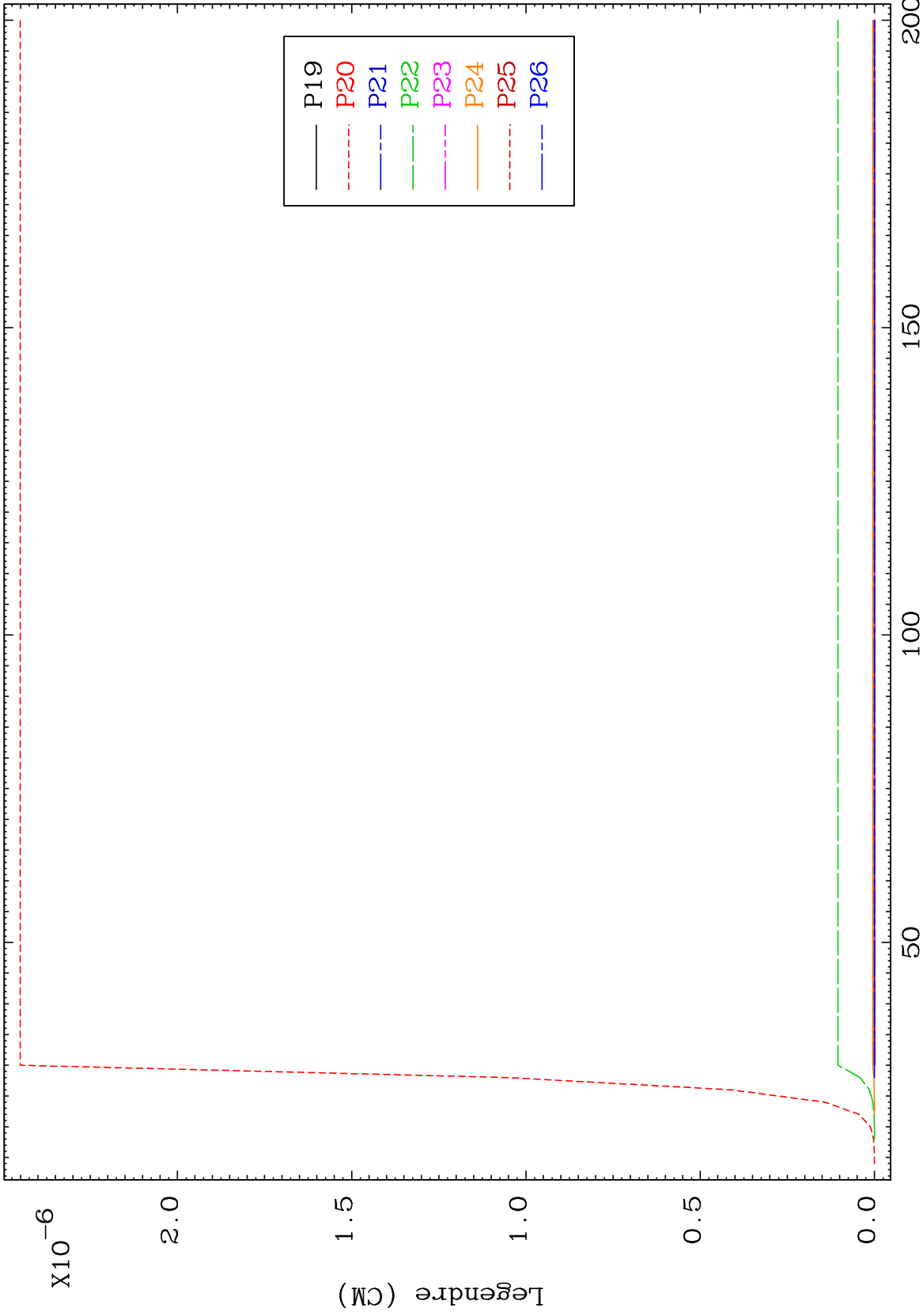
36

54-Xe-126

MAT 5431

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

54-Xe-126



37

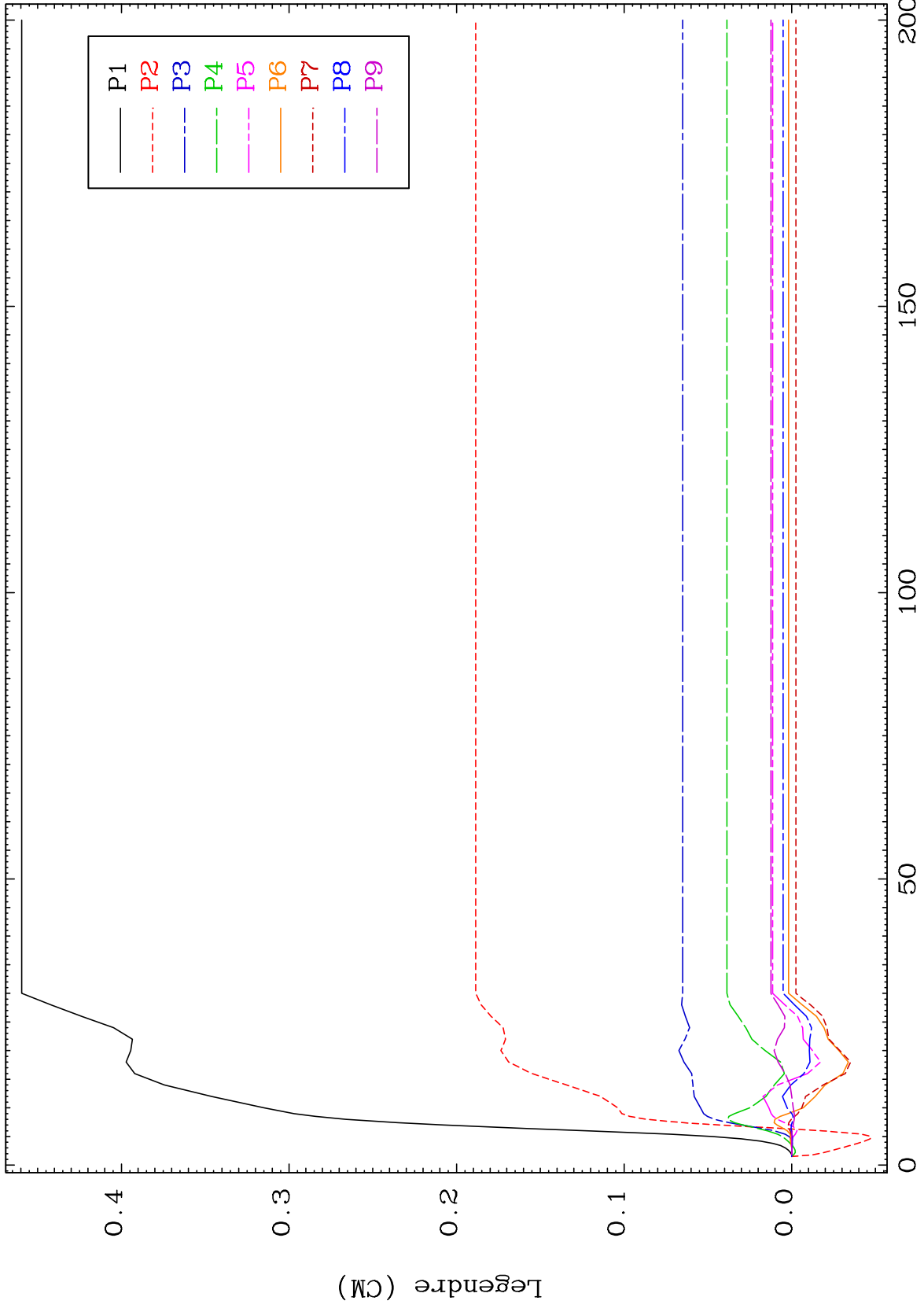
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



38

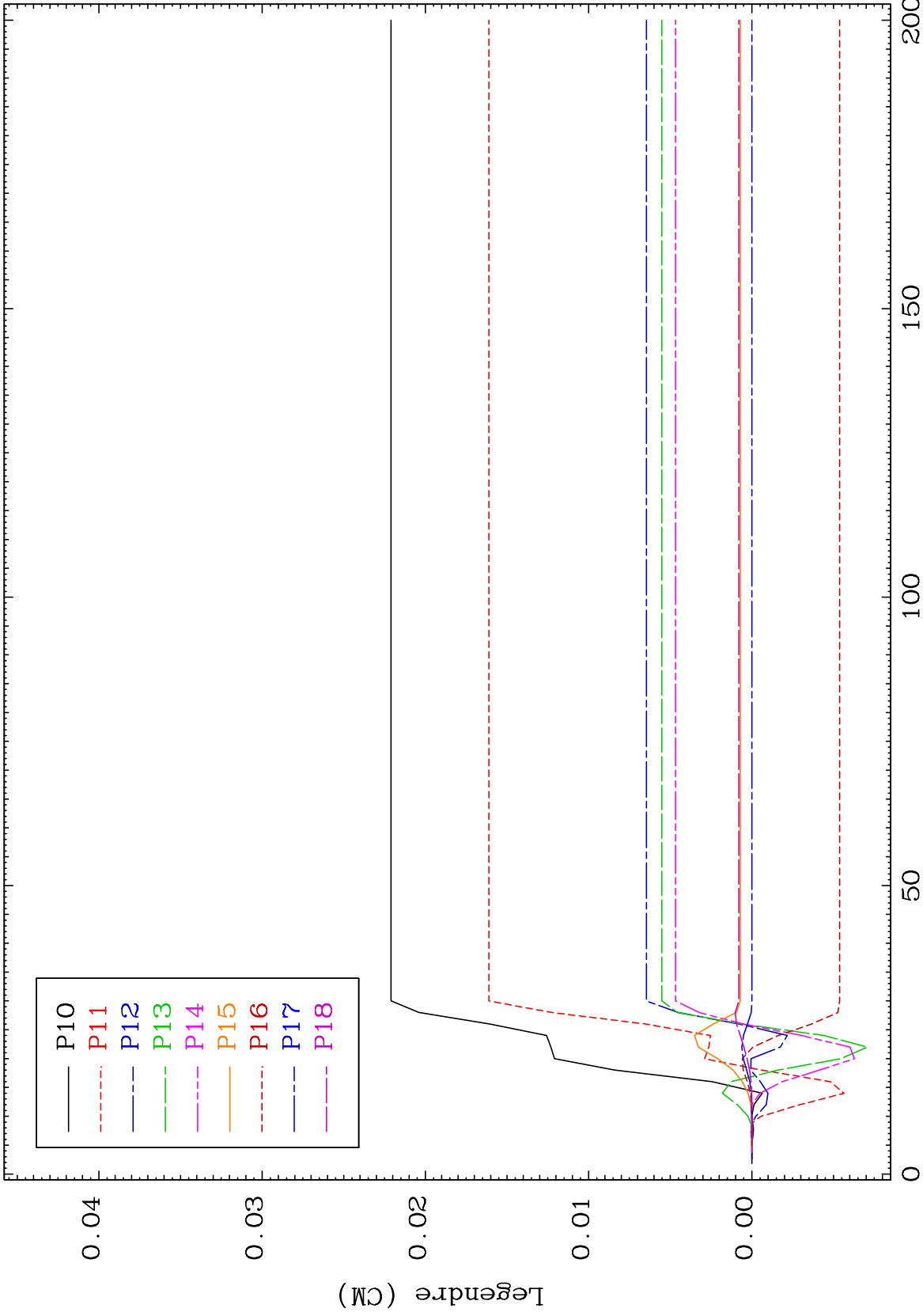
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



39

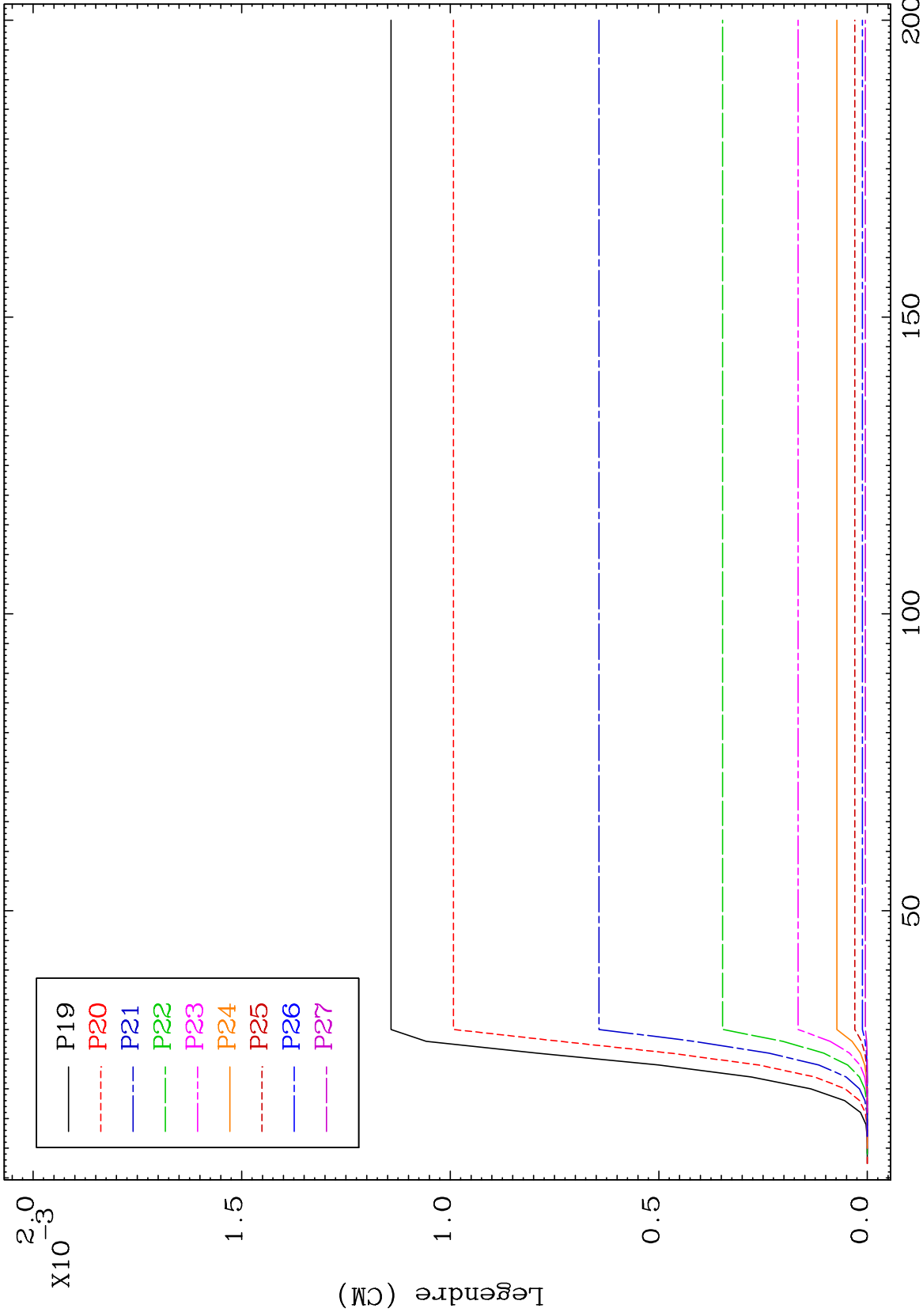
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



40

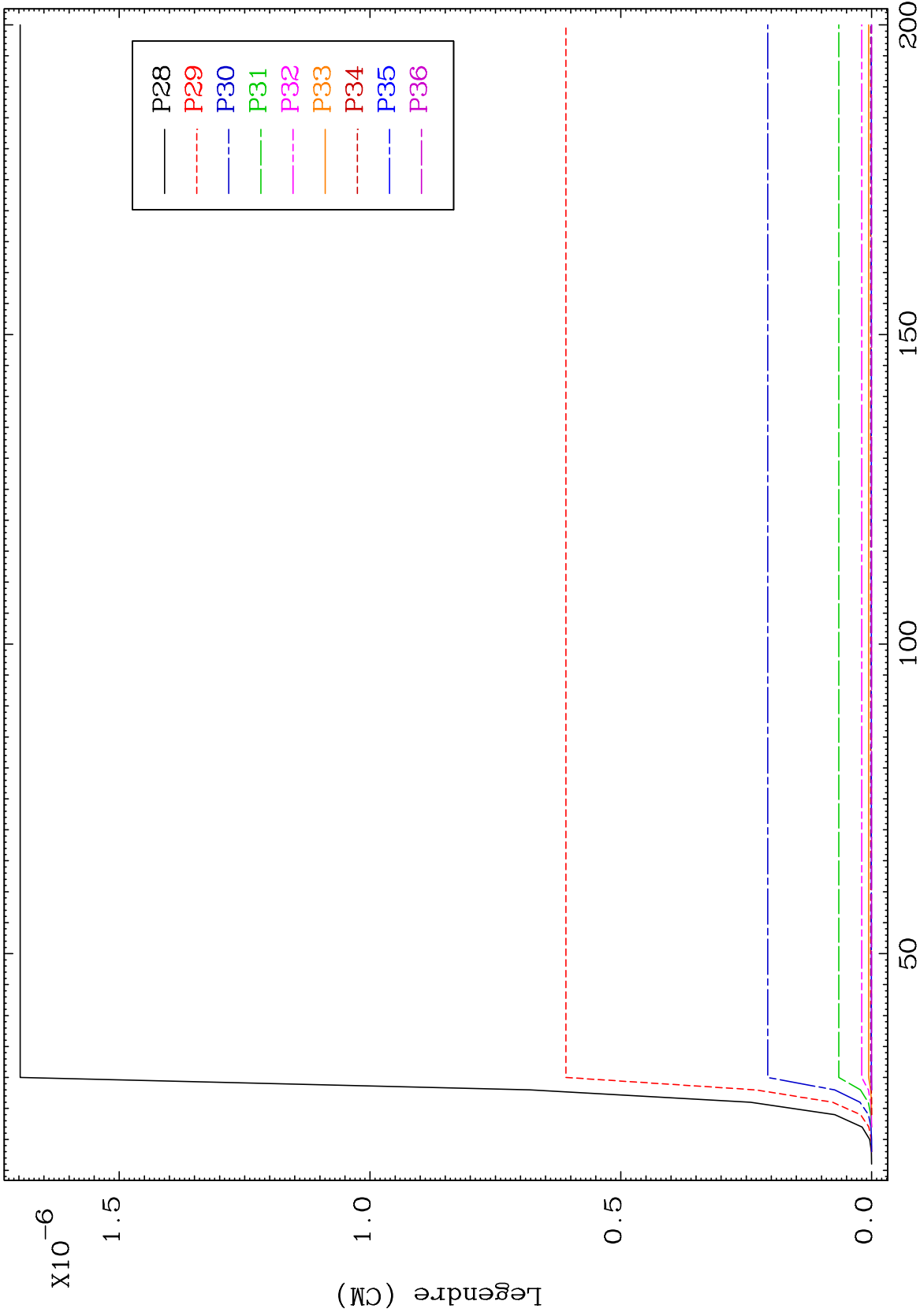
Incident Energy (MeV)

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MAT 5431

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

54-Xe-126



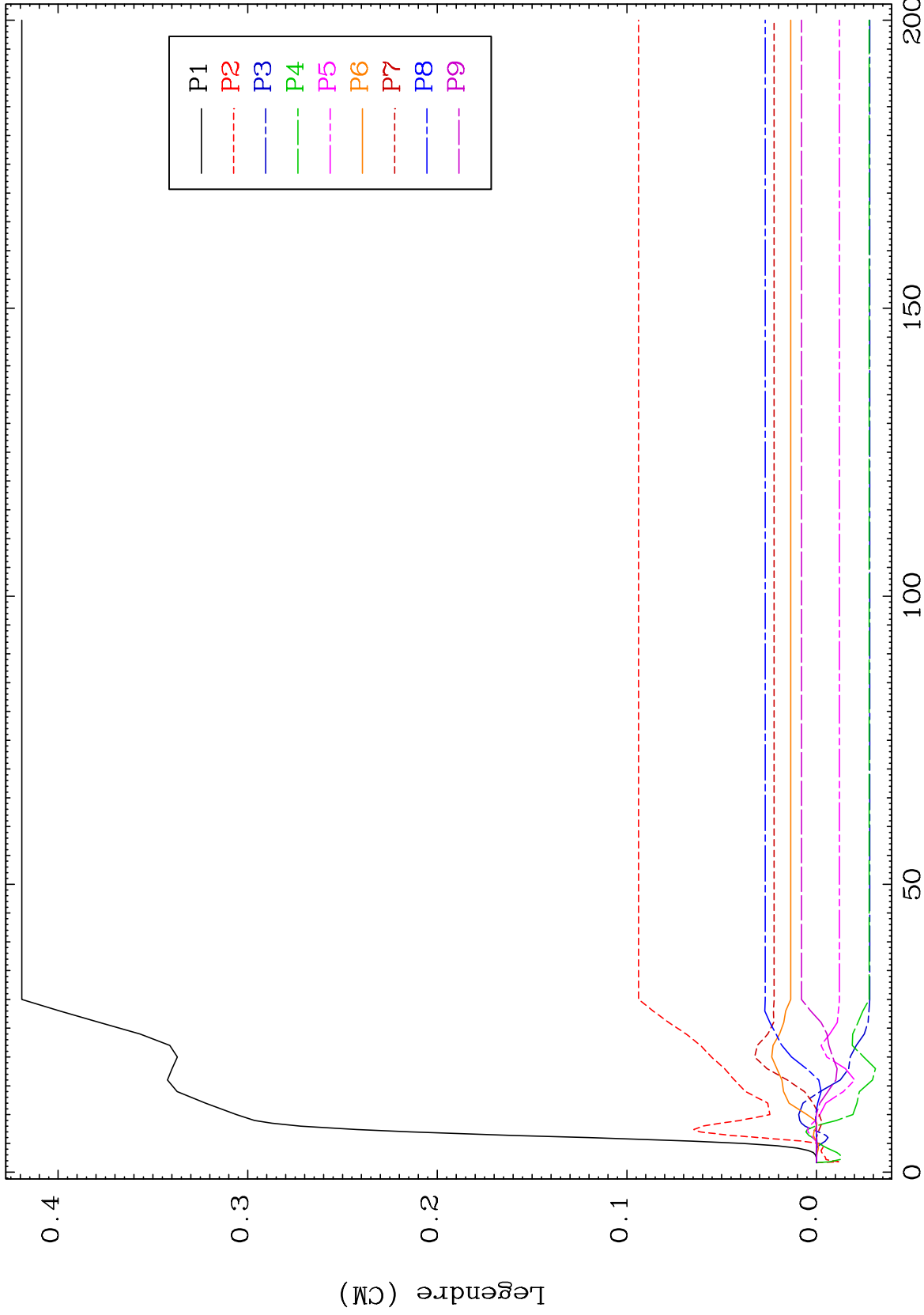
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54-Xe-126

MAT 5431

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

54-Xe-126



42

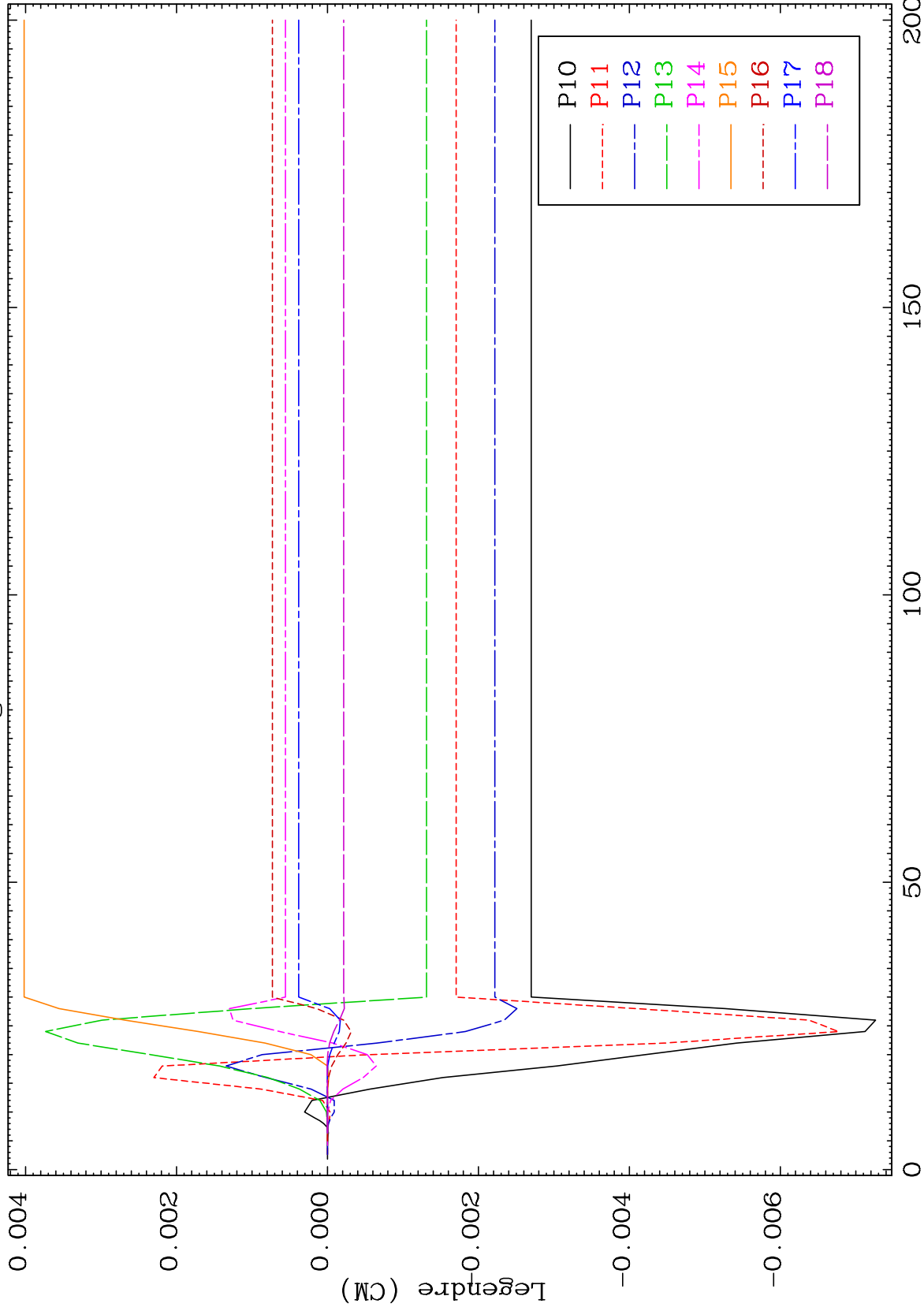
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



43

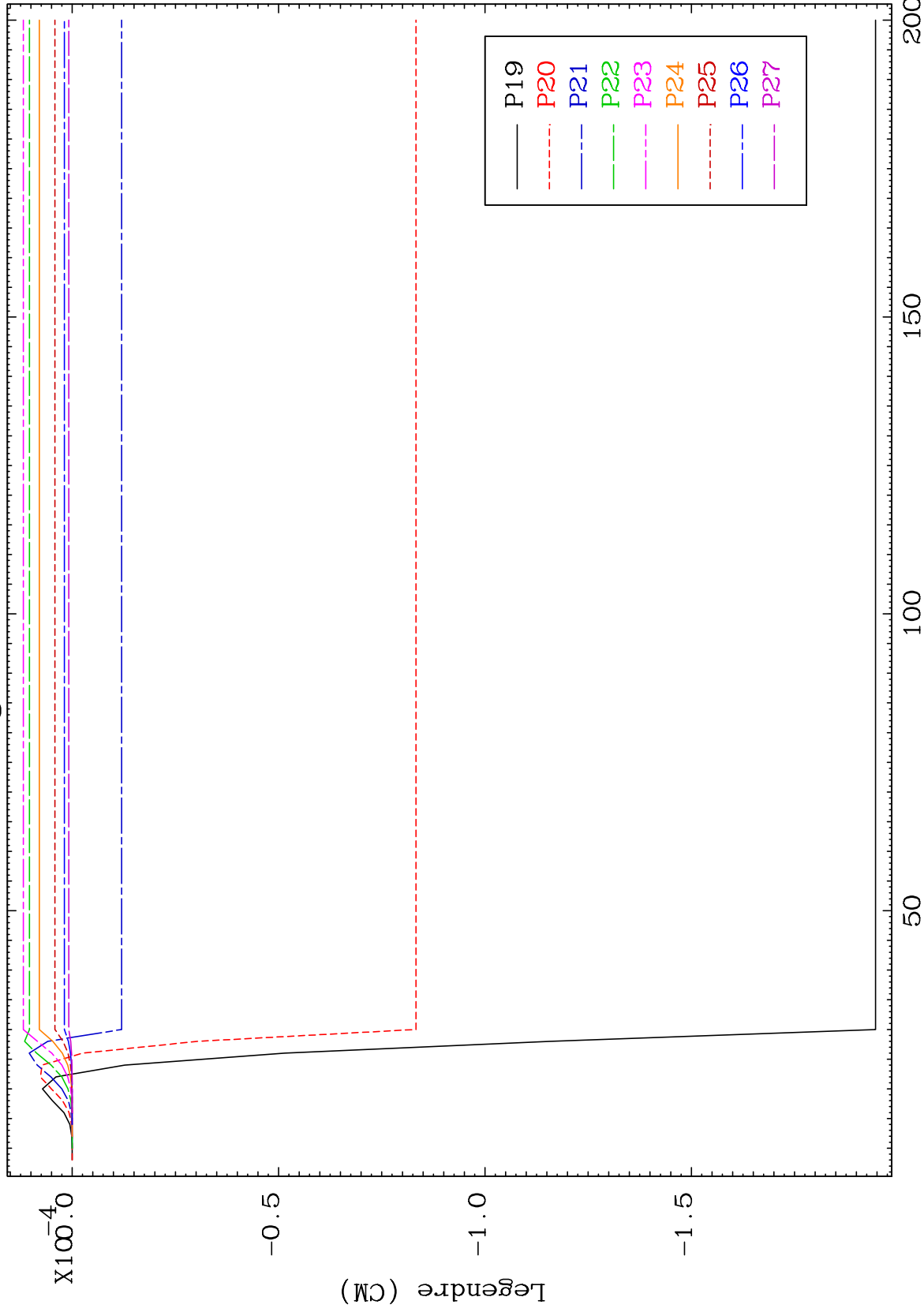
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



44

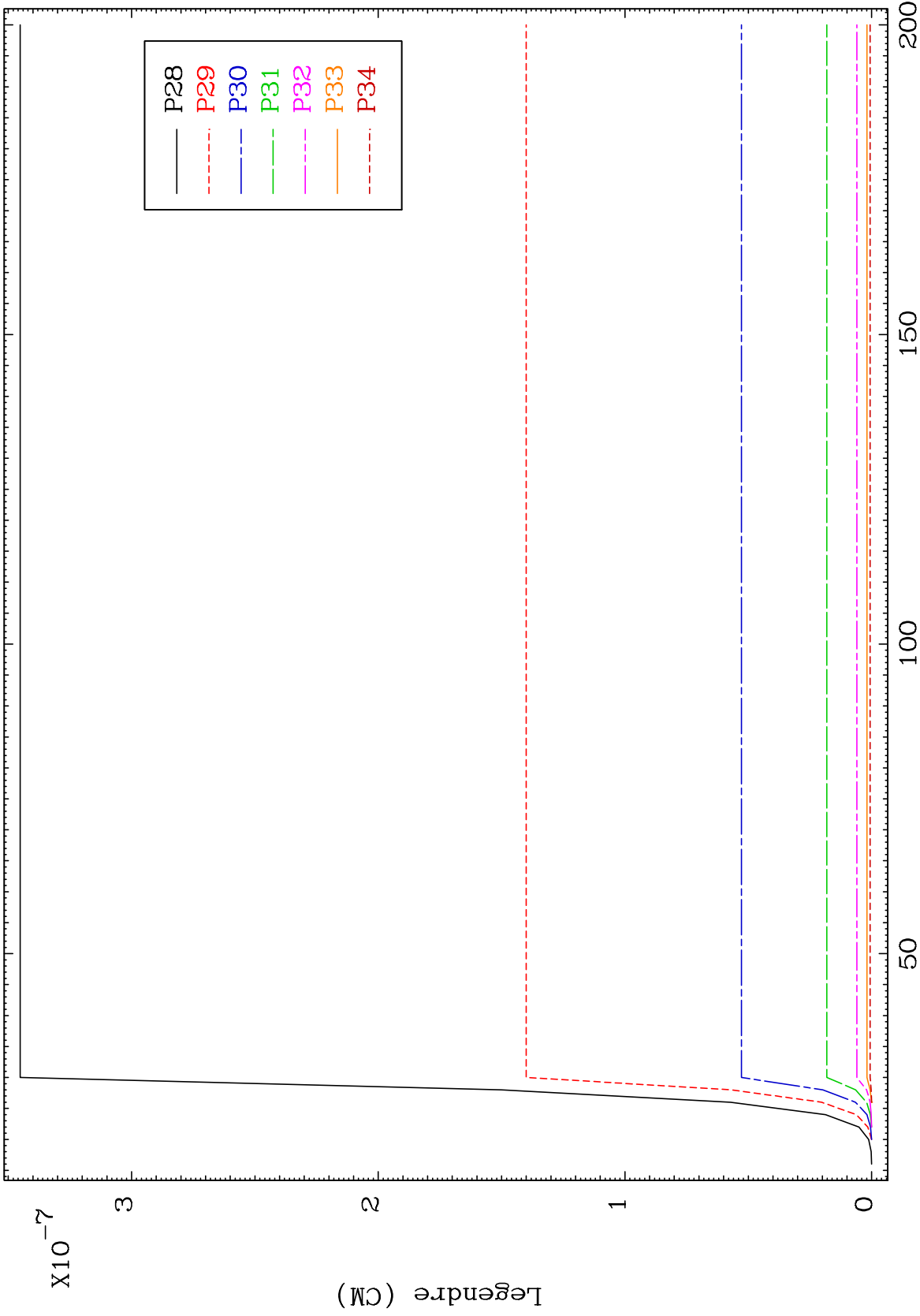
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



45

Incident Energy (MeV)

50

100

150

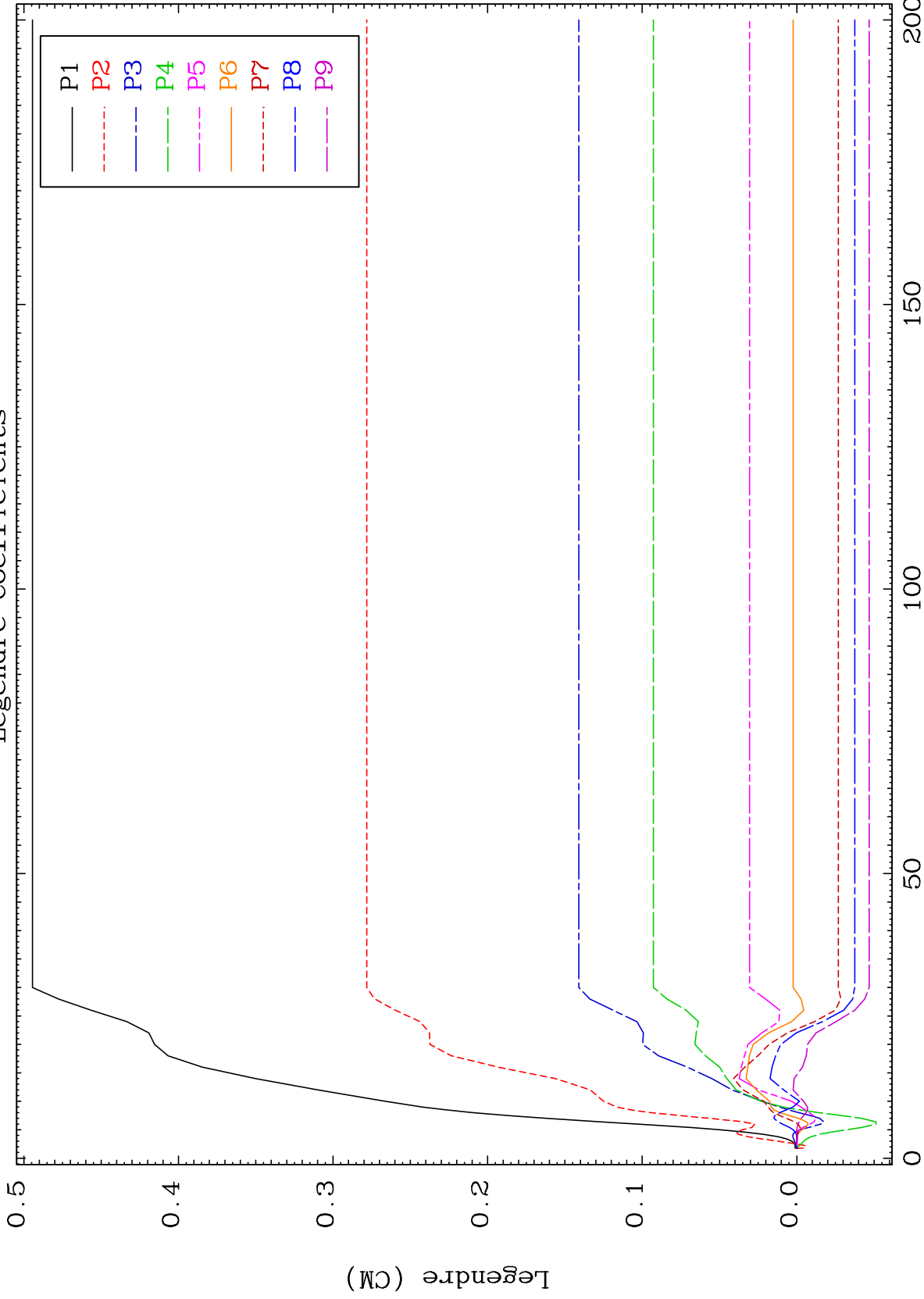
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54-Xe-126

MAT 5431

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

54-Xe-126



46

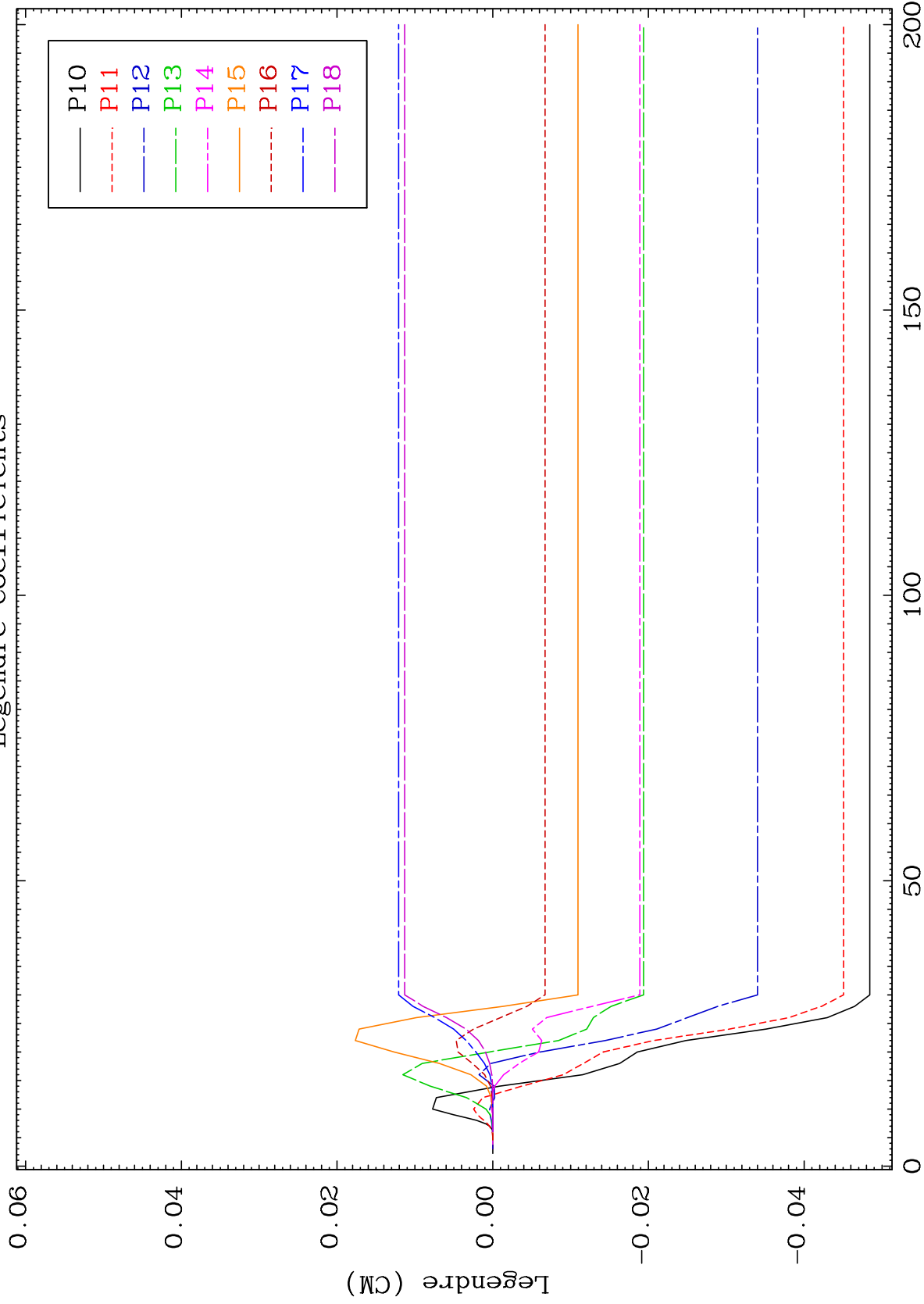
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



47

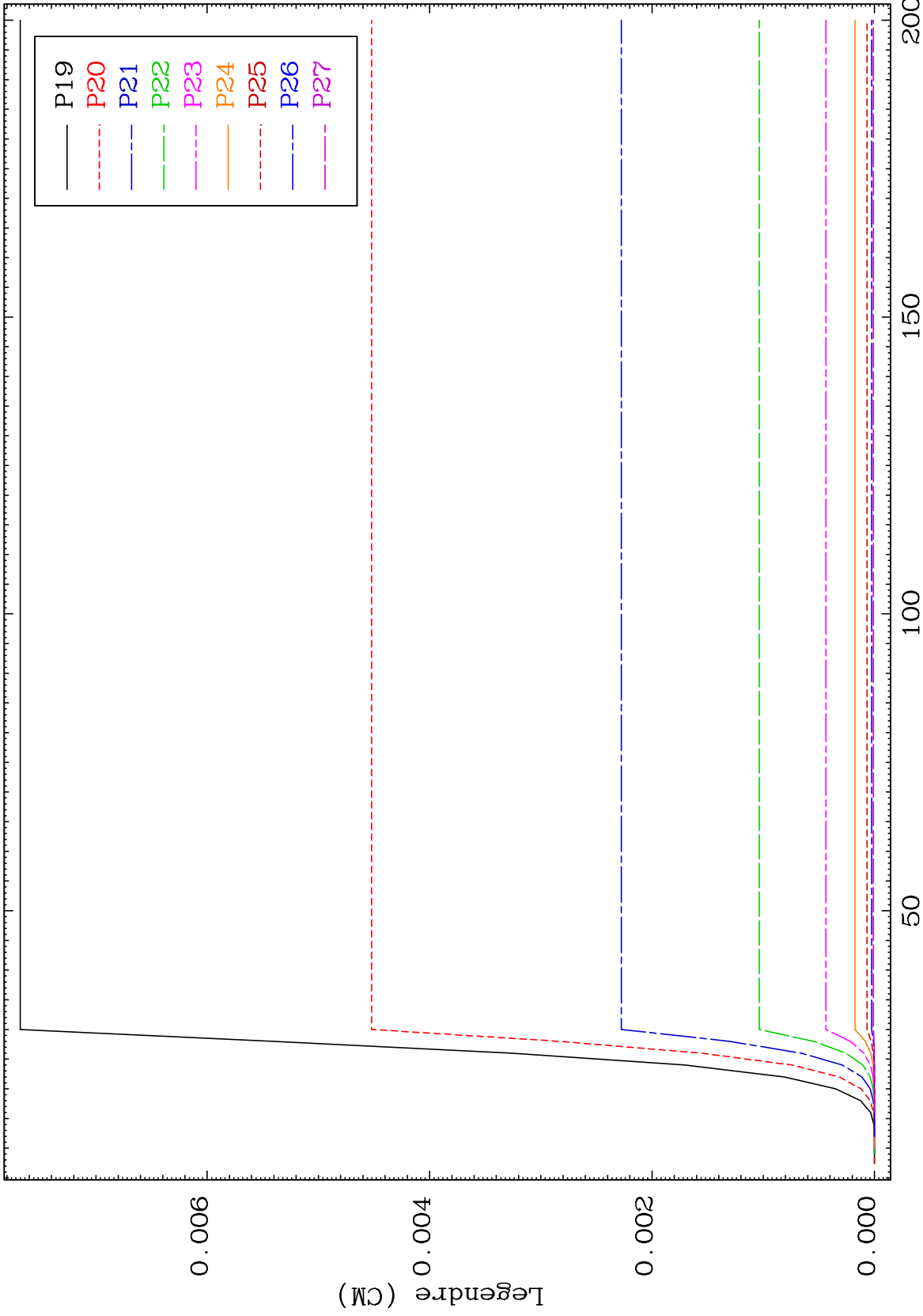
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



48

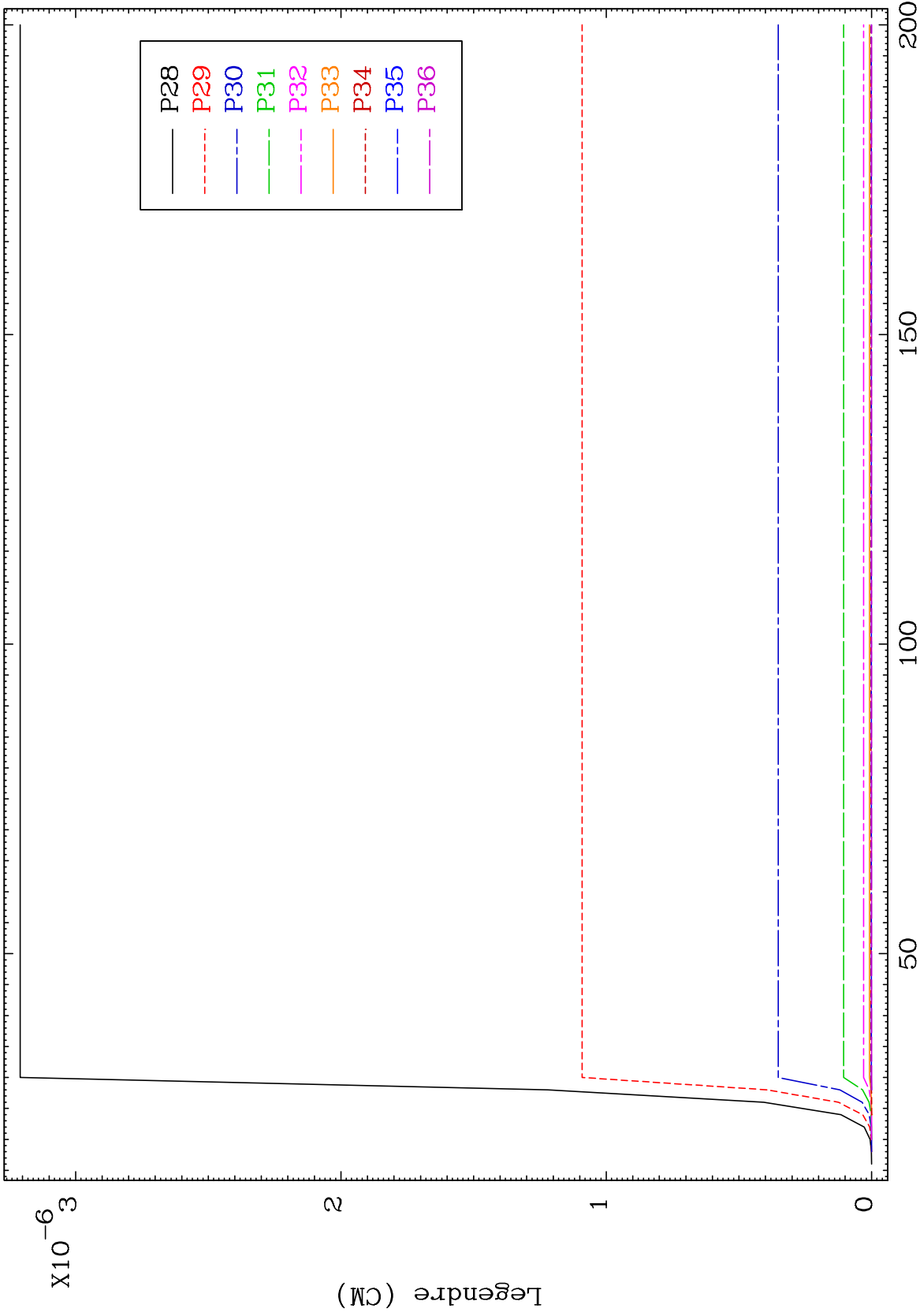
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



49

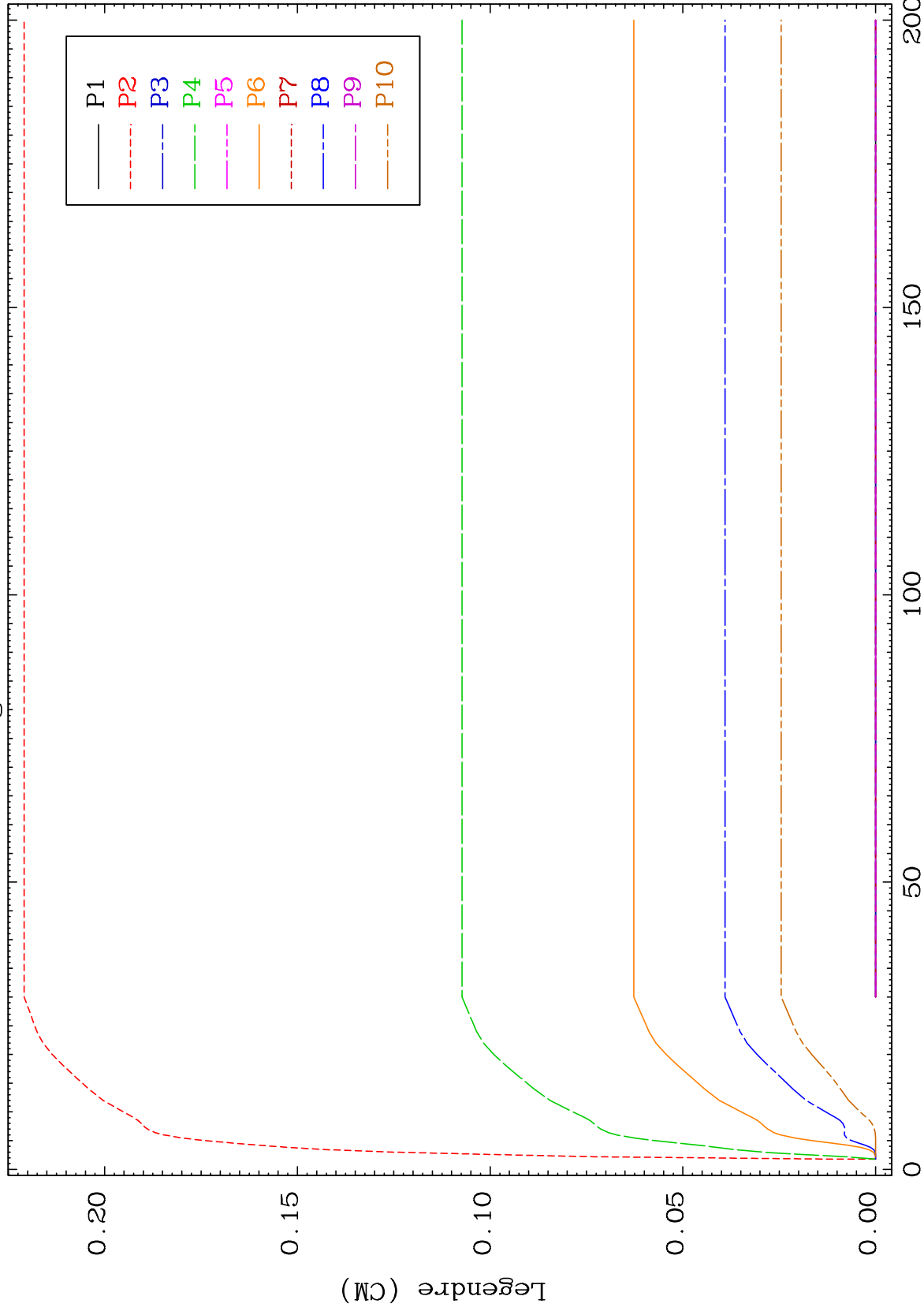
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

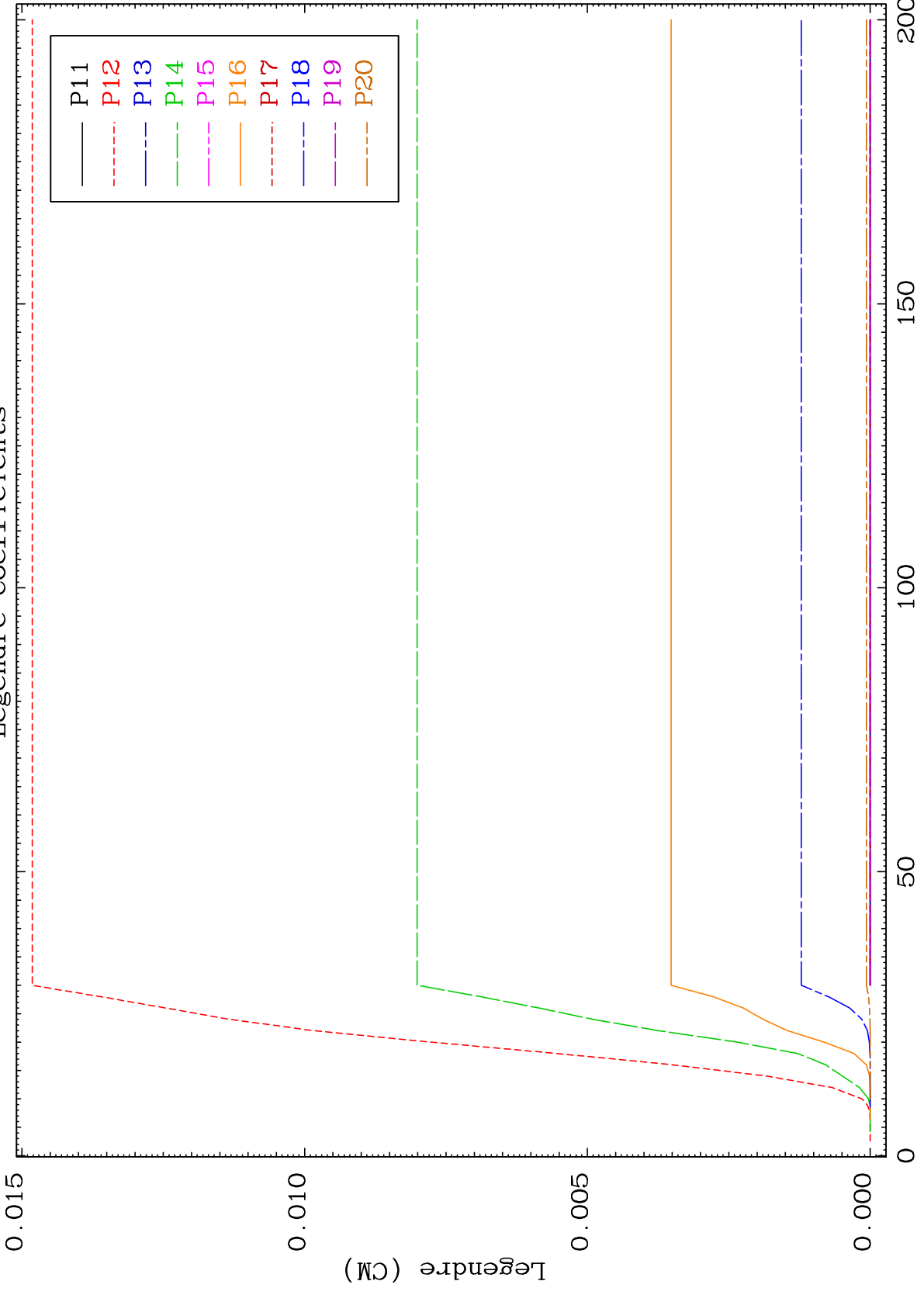


54-Xe-126

Incident Energy (MeV)

50

MAT 5431 MT= 59 (n,n') Level Legendre Coefficients 54-Xe-126

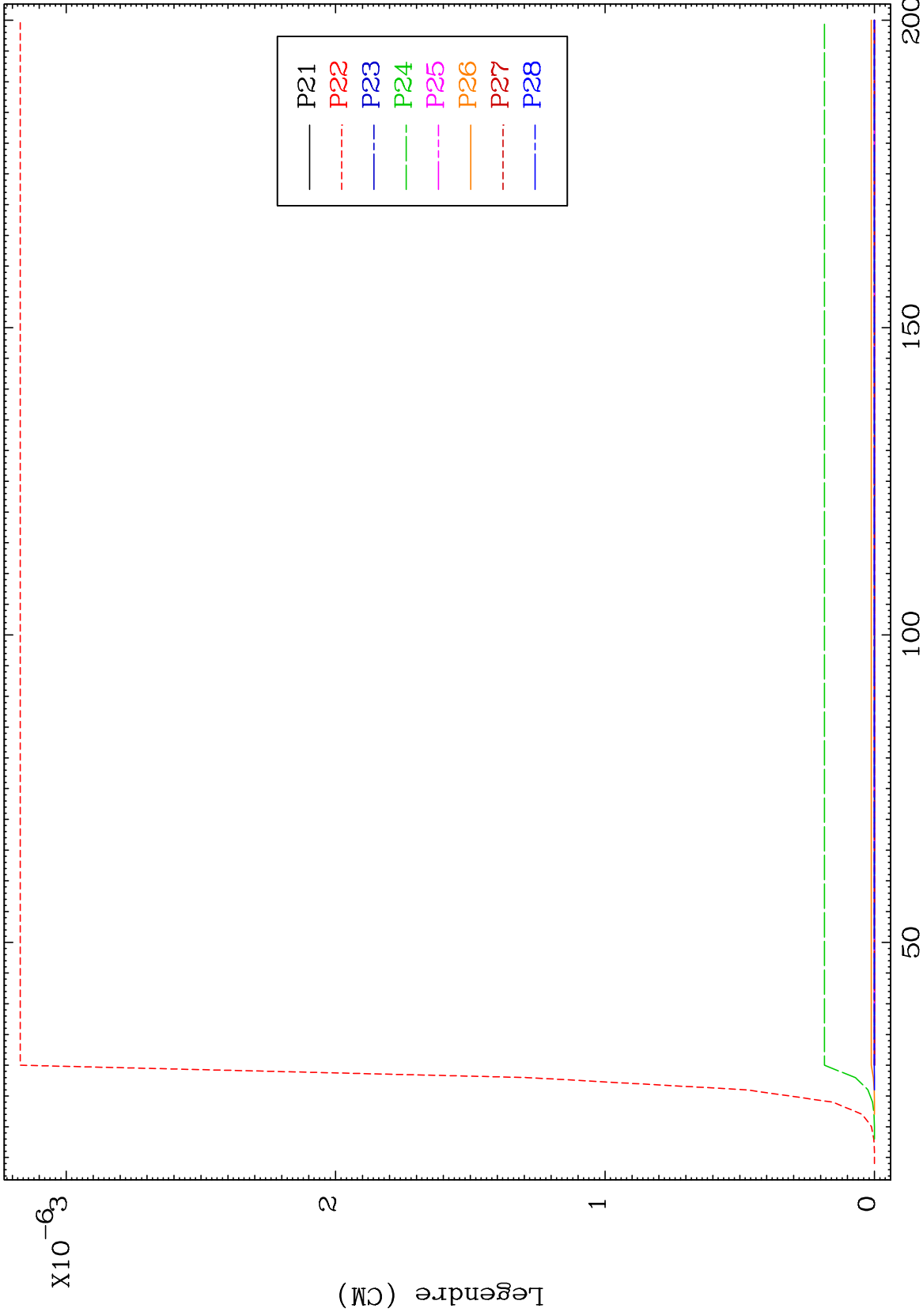


51 54-Xe-126

MAT 5431

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

54-Xe-126



52

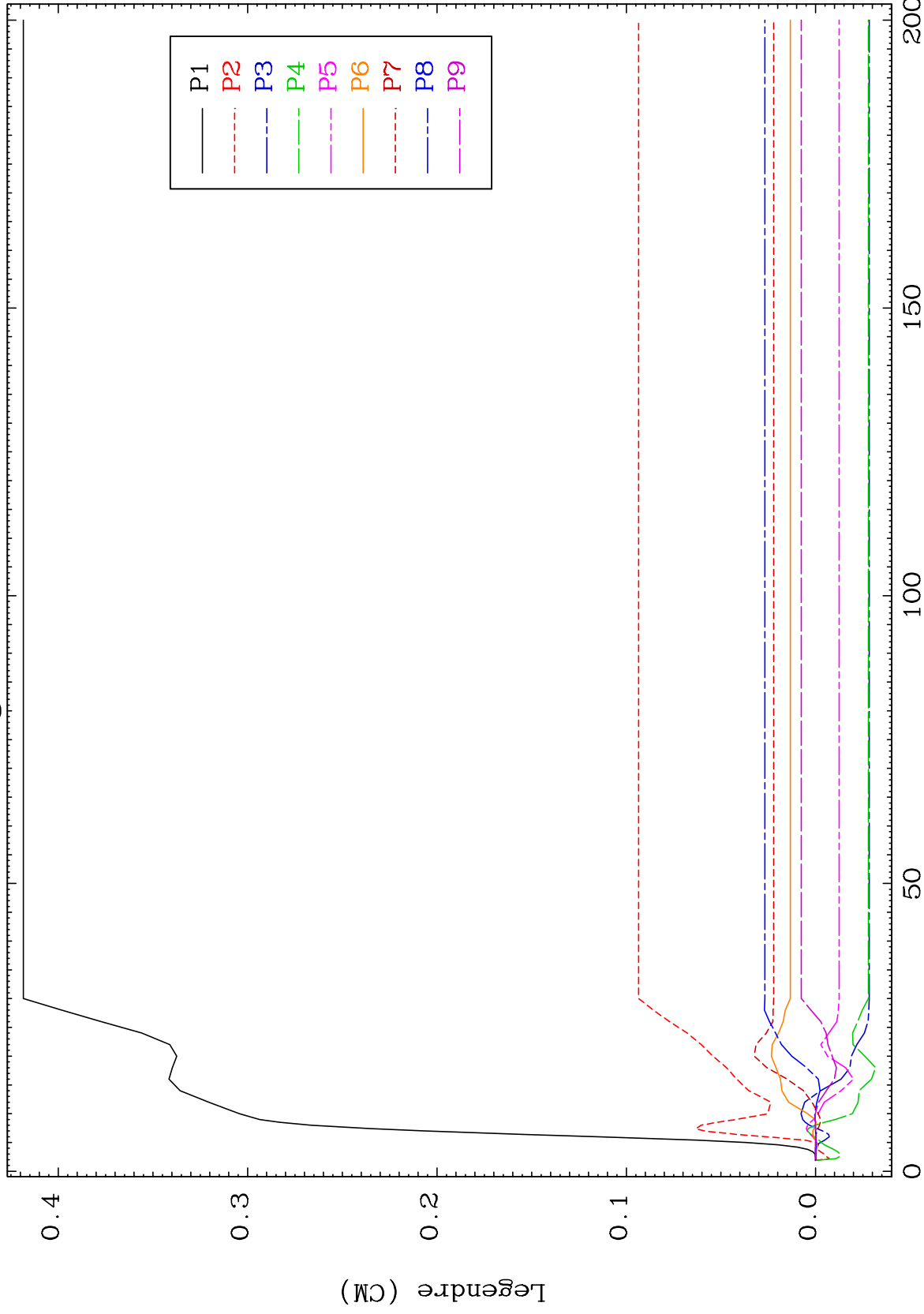
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



53

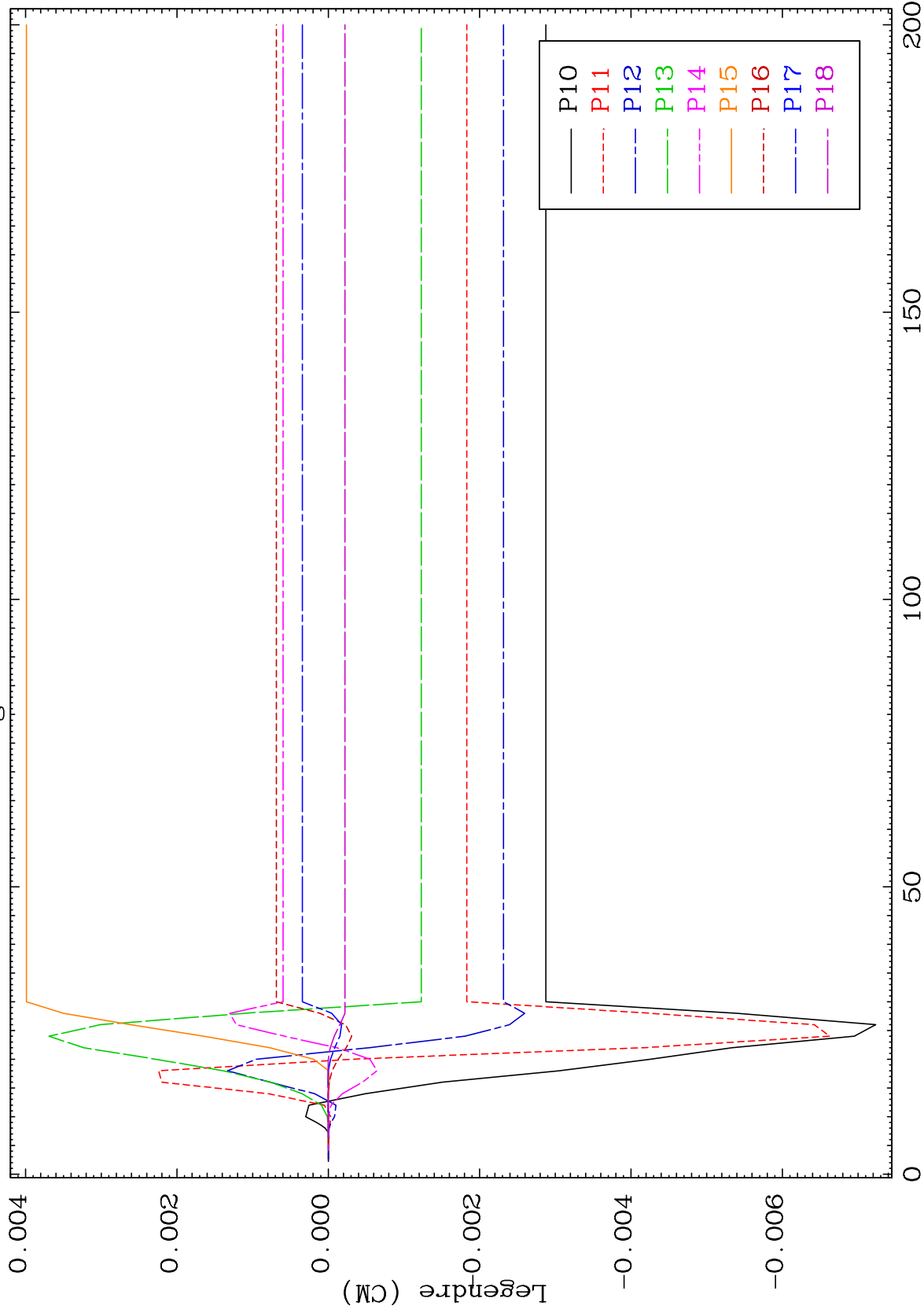
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54

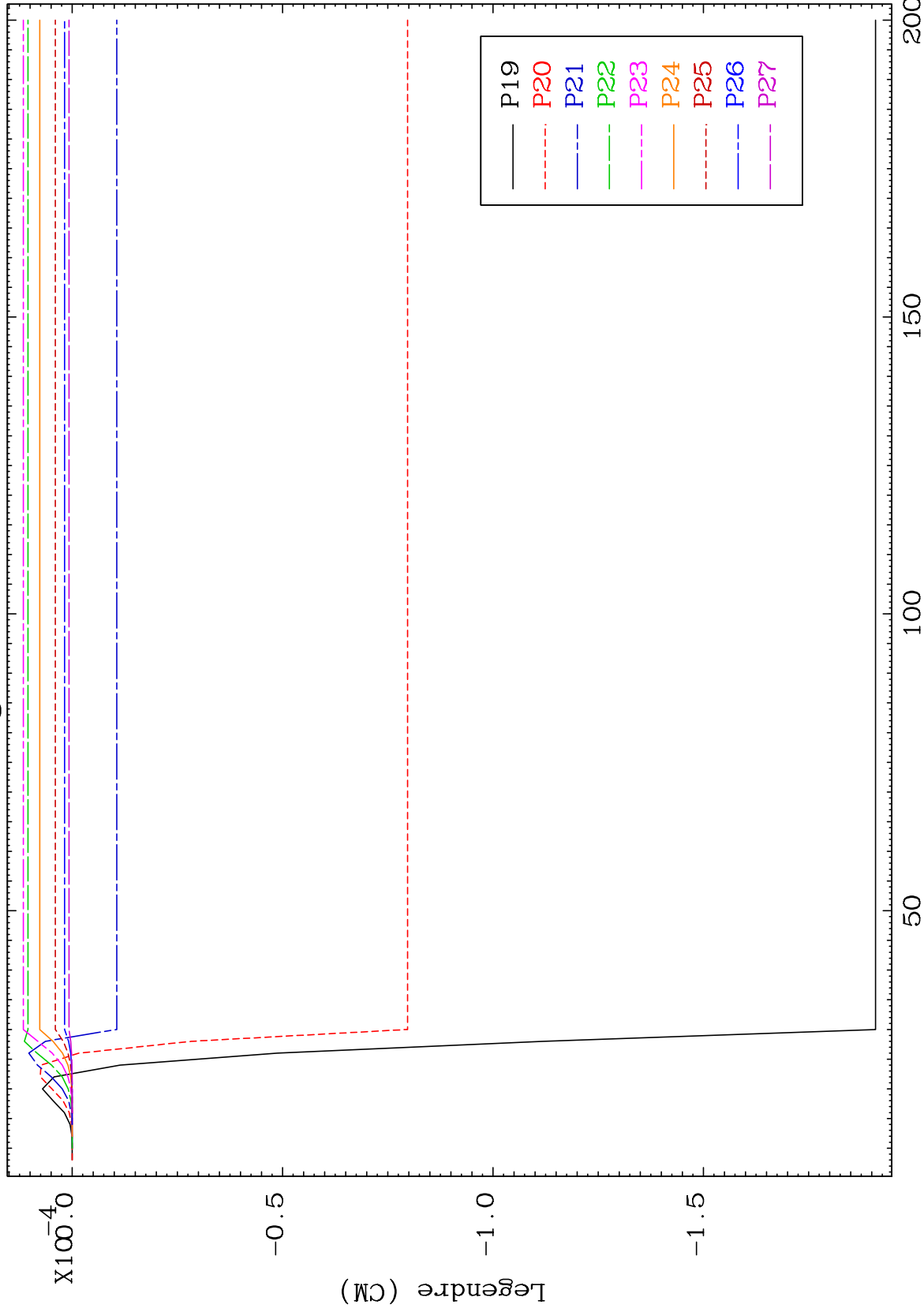
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



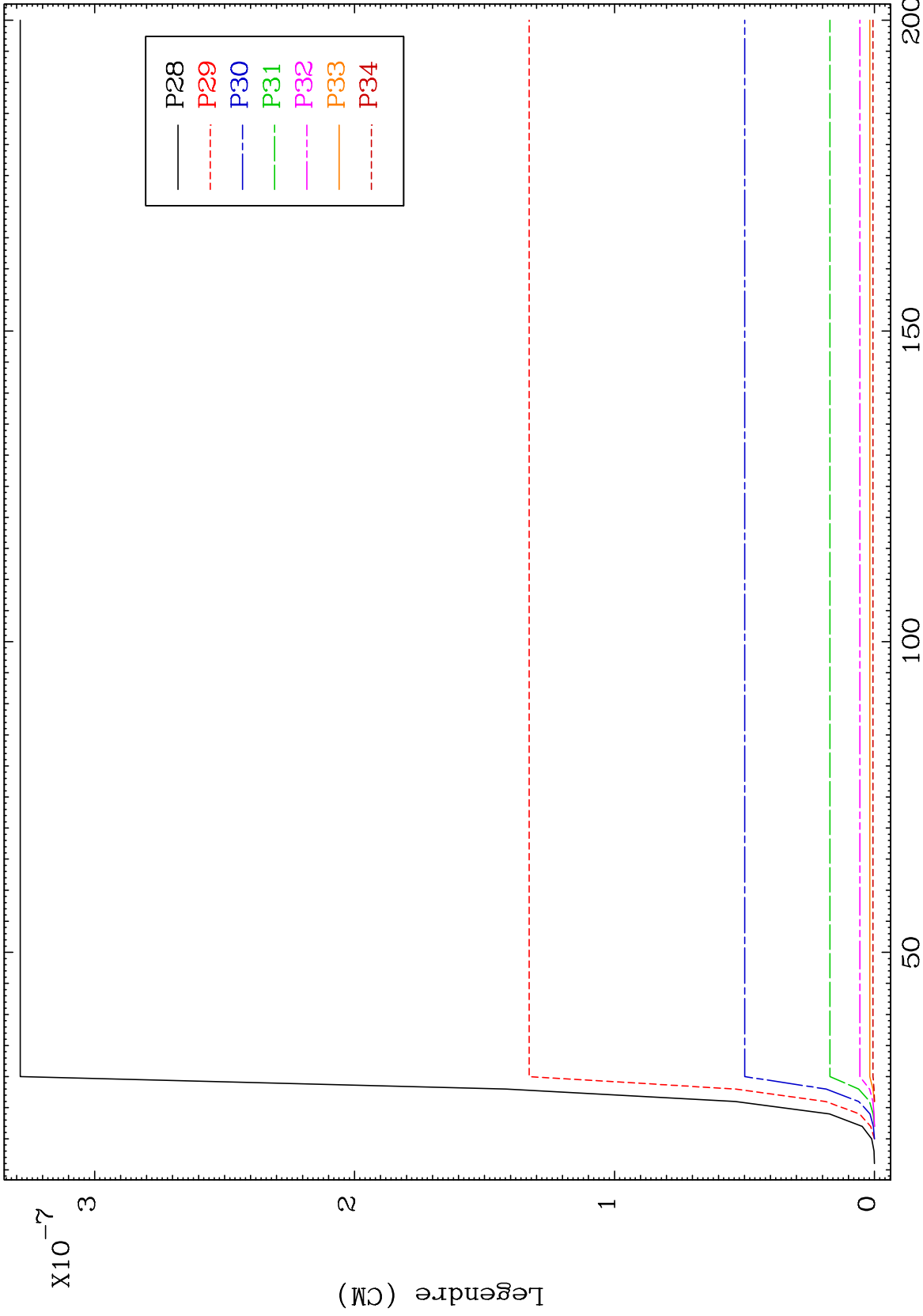
55

54-Xe-126

MAT 5431

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

54-Xe-126



56

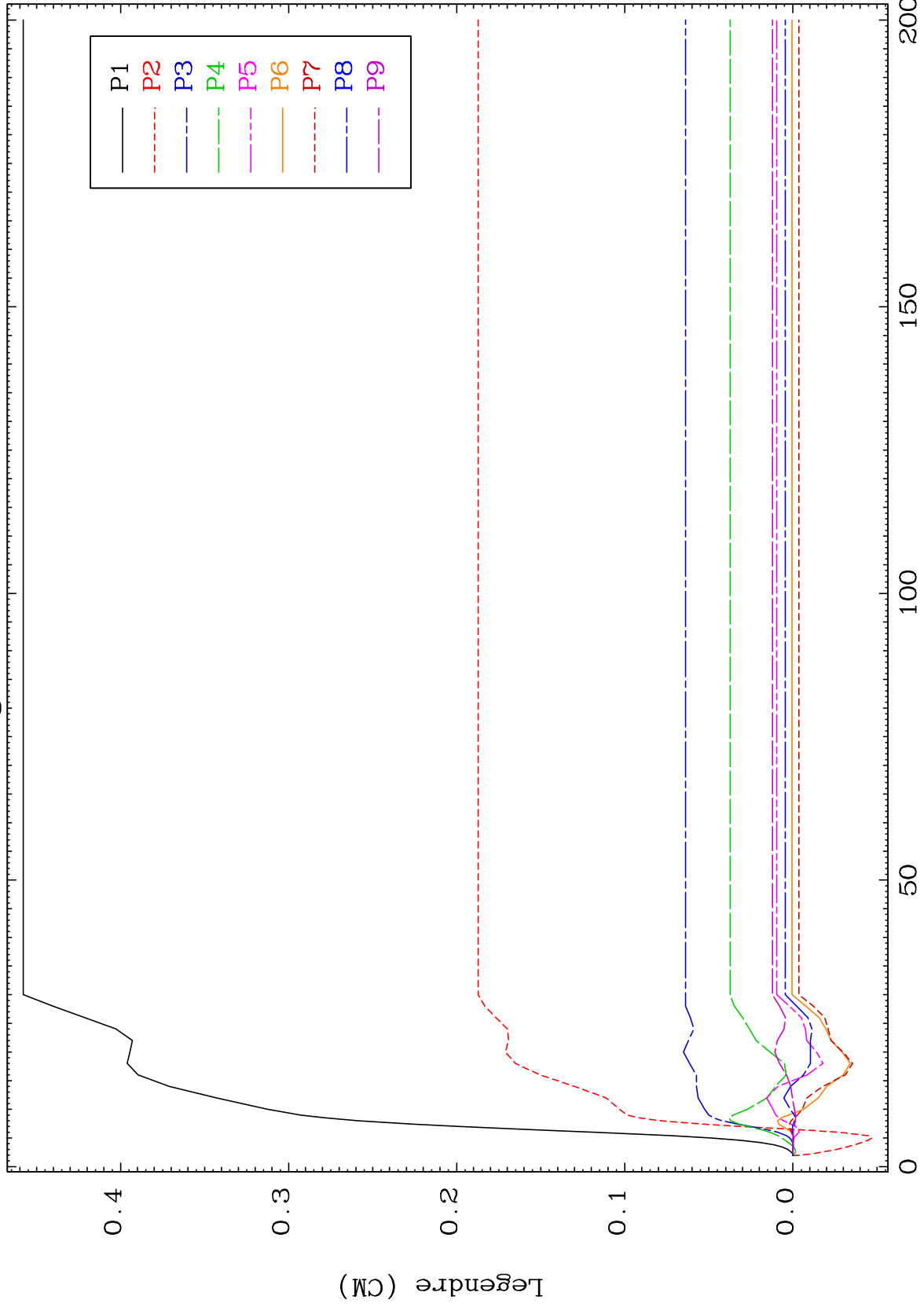
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



57

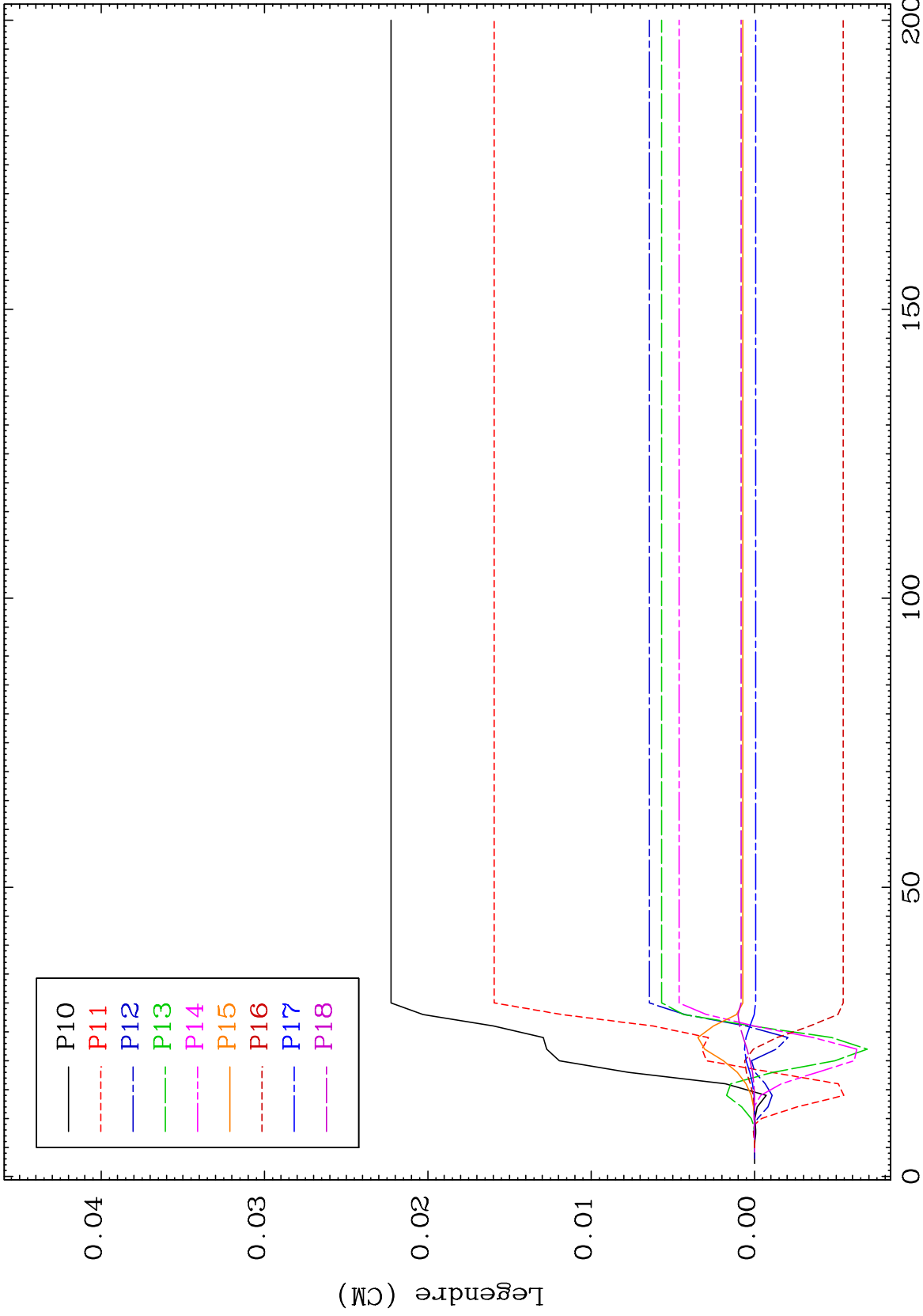
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



58

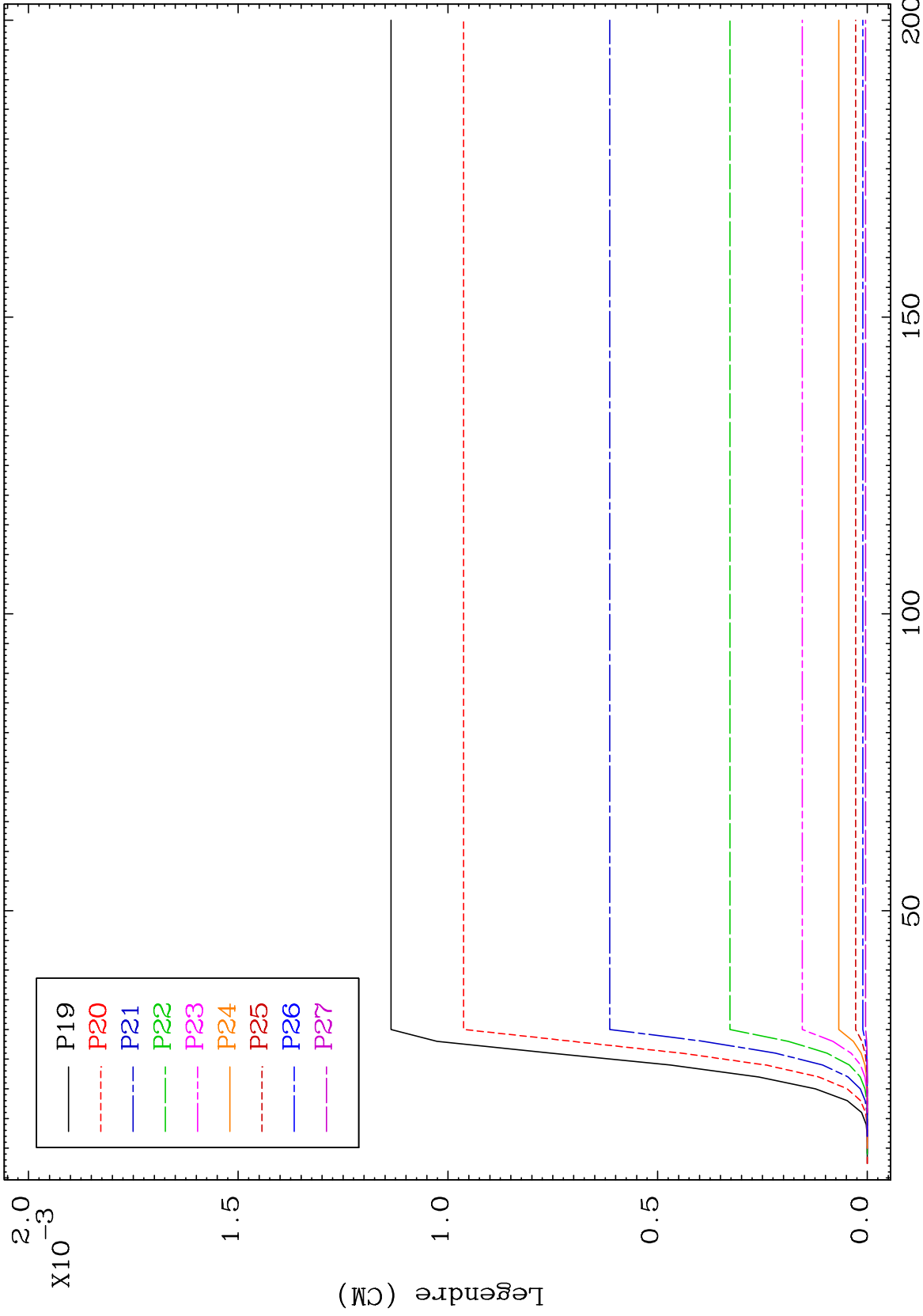
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



59

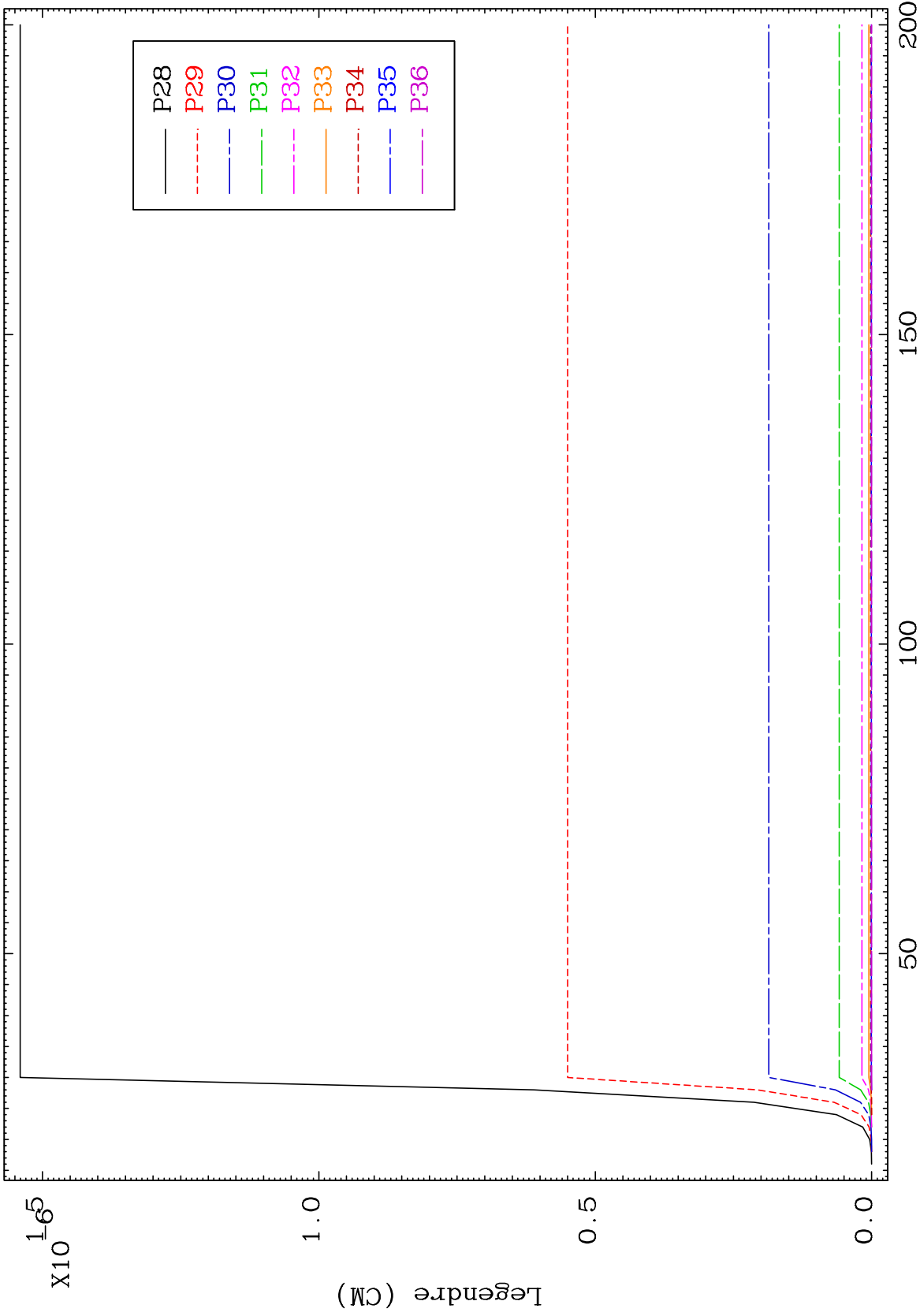
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



60

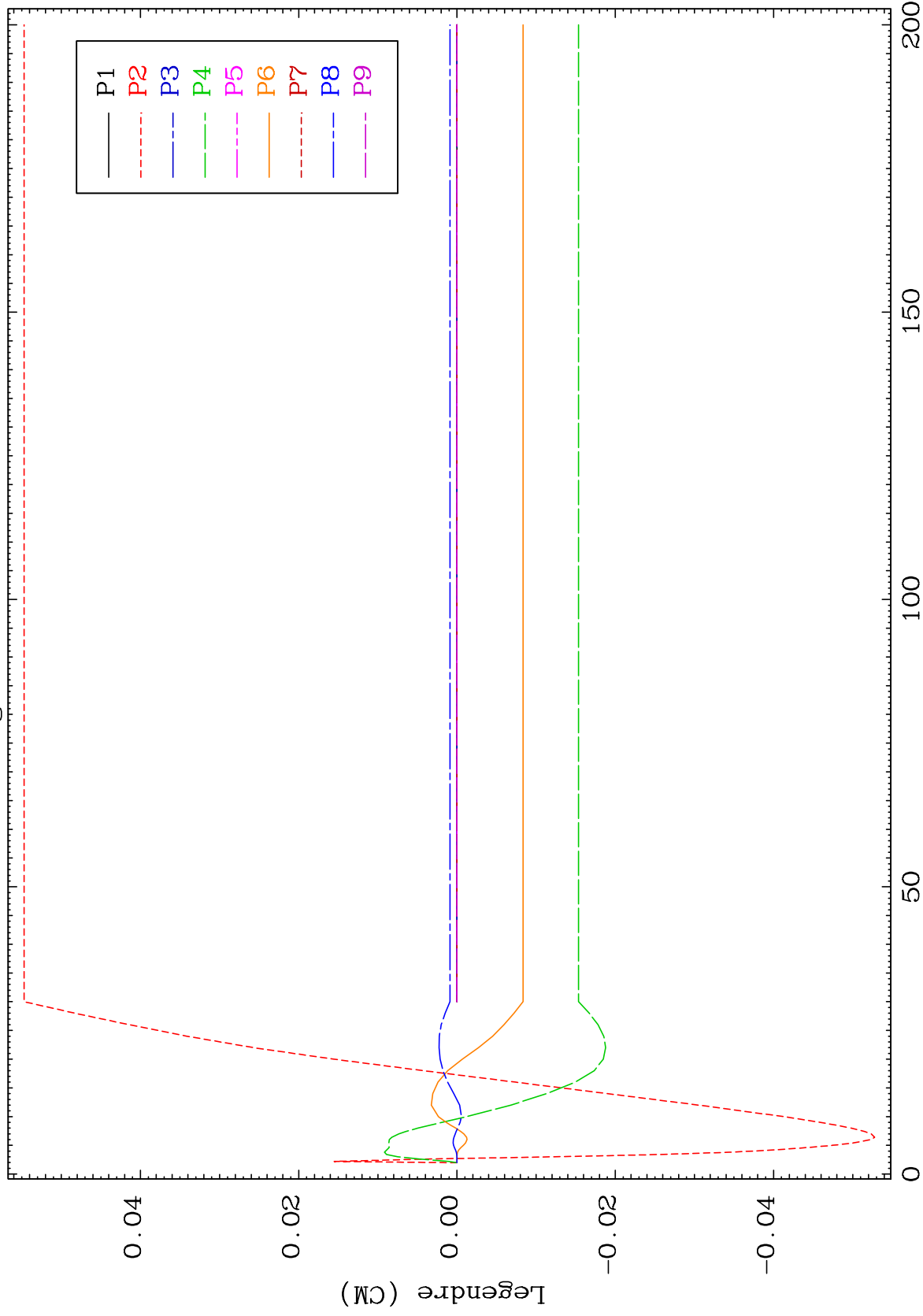
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



61

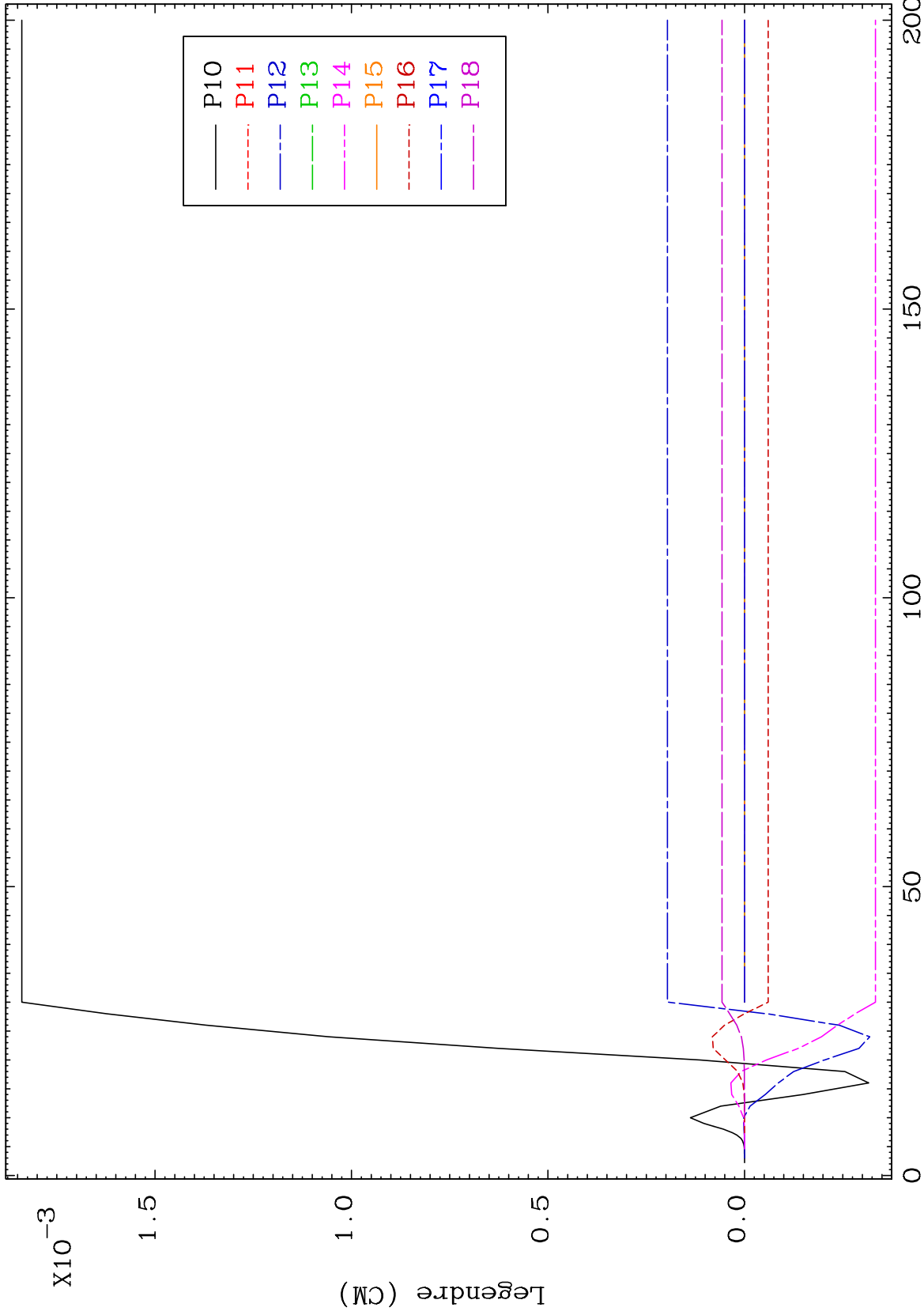
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



62

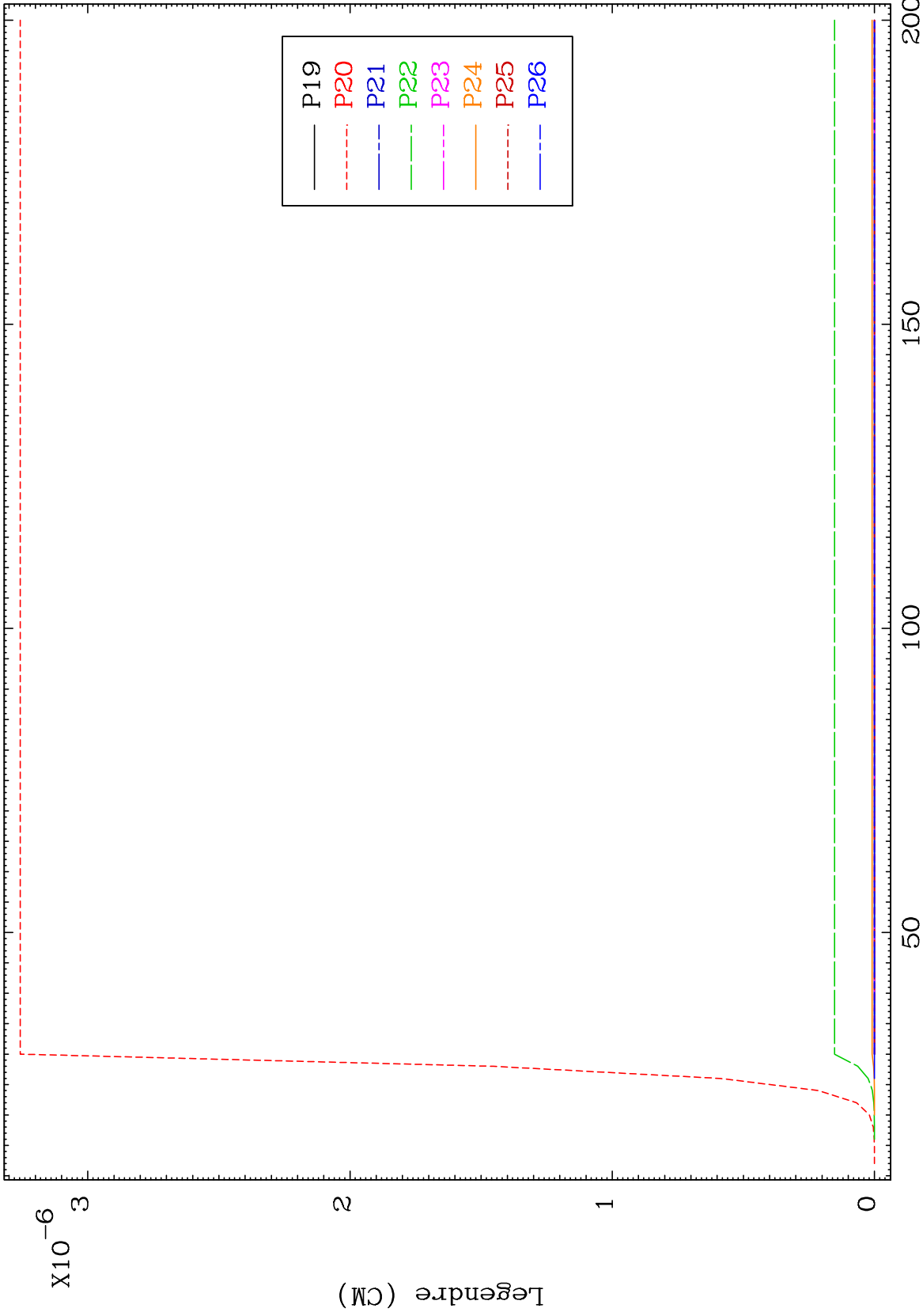
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



63

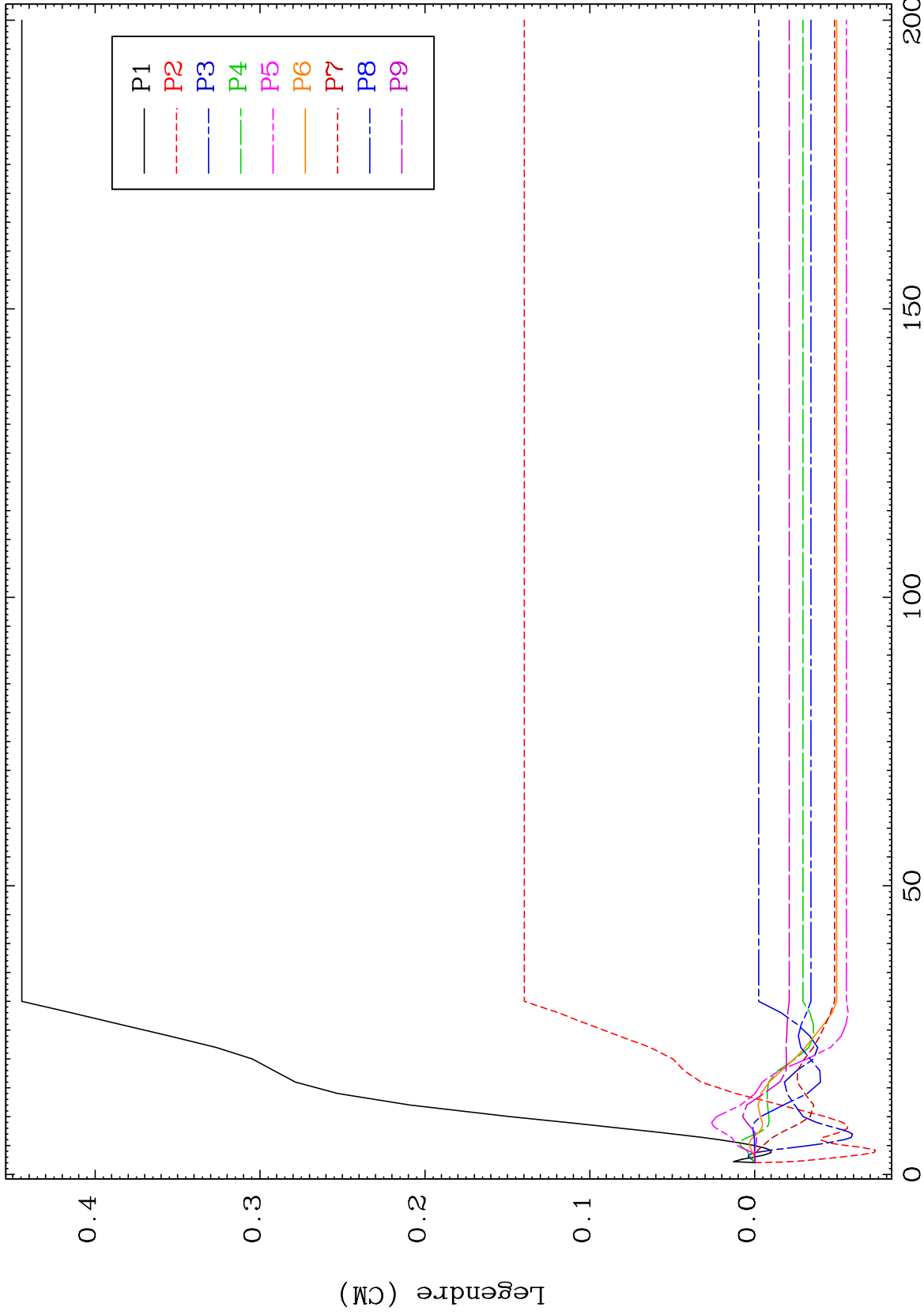
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



64

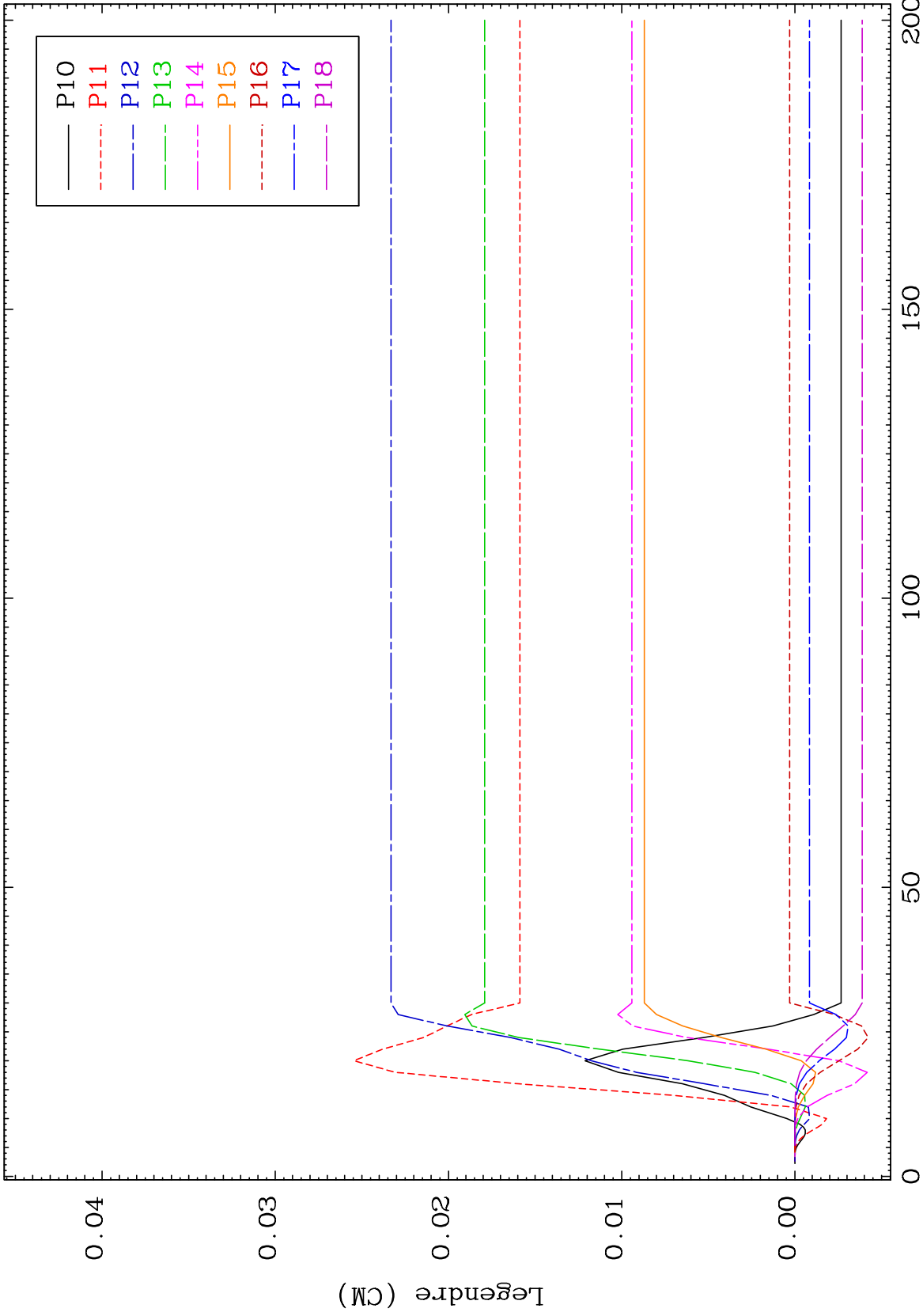
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



65

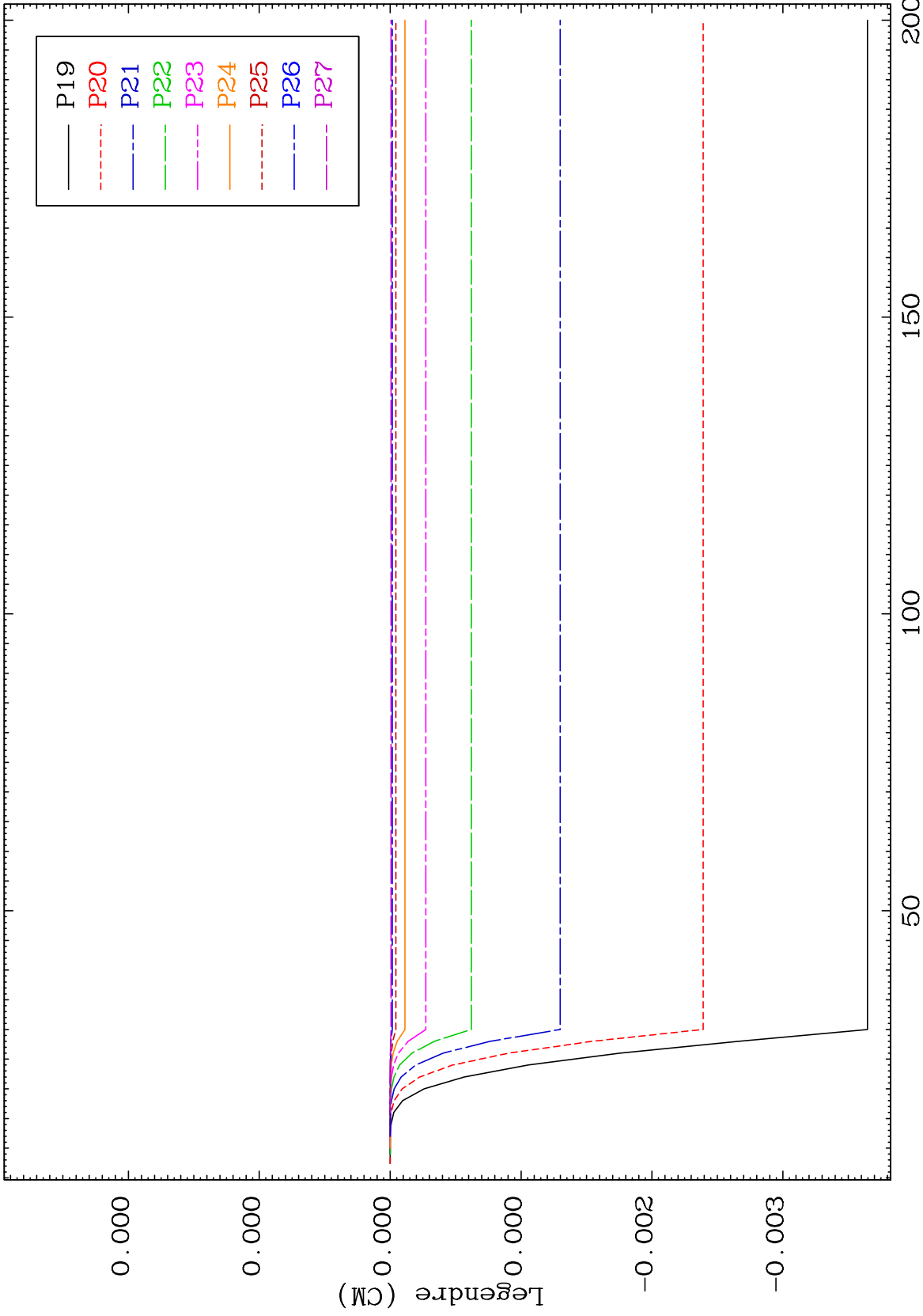
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



66

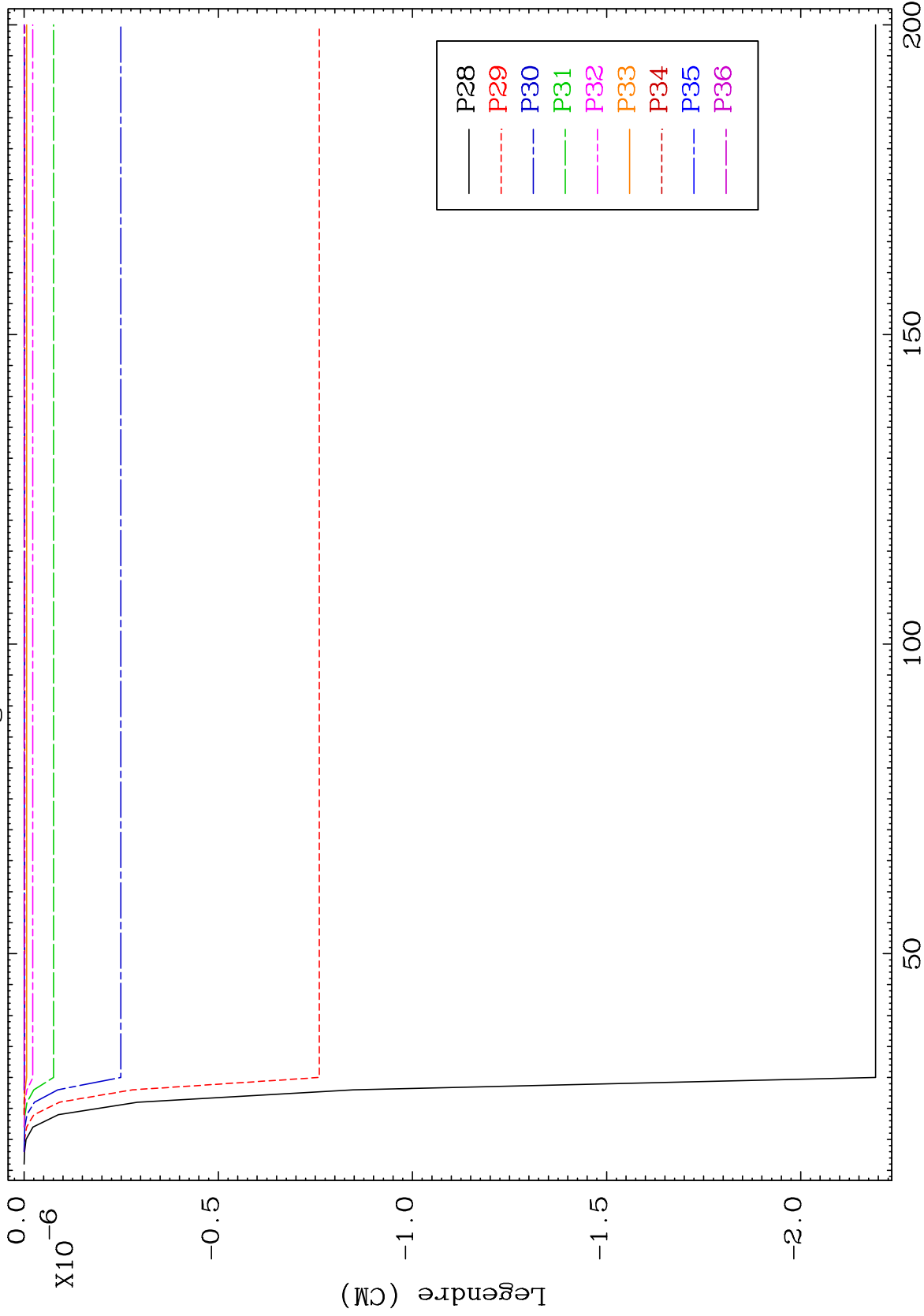
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



67

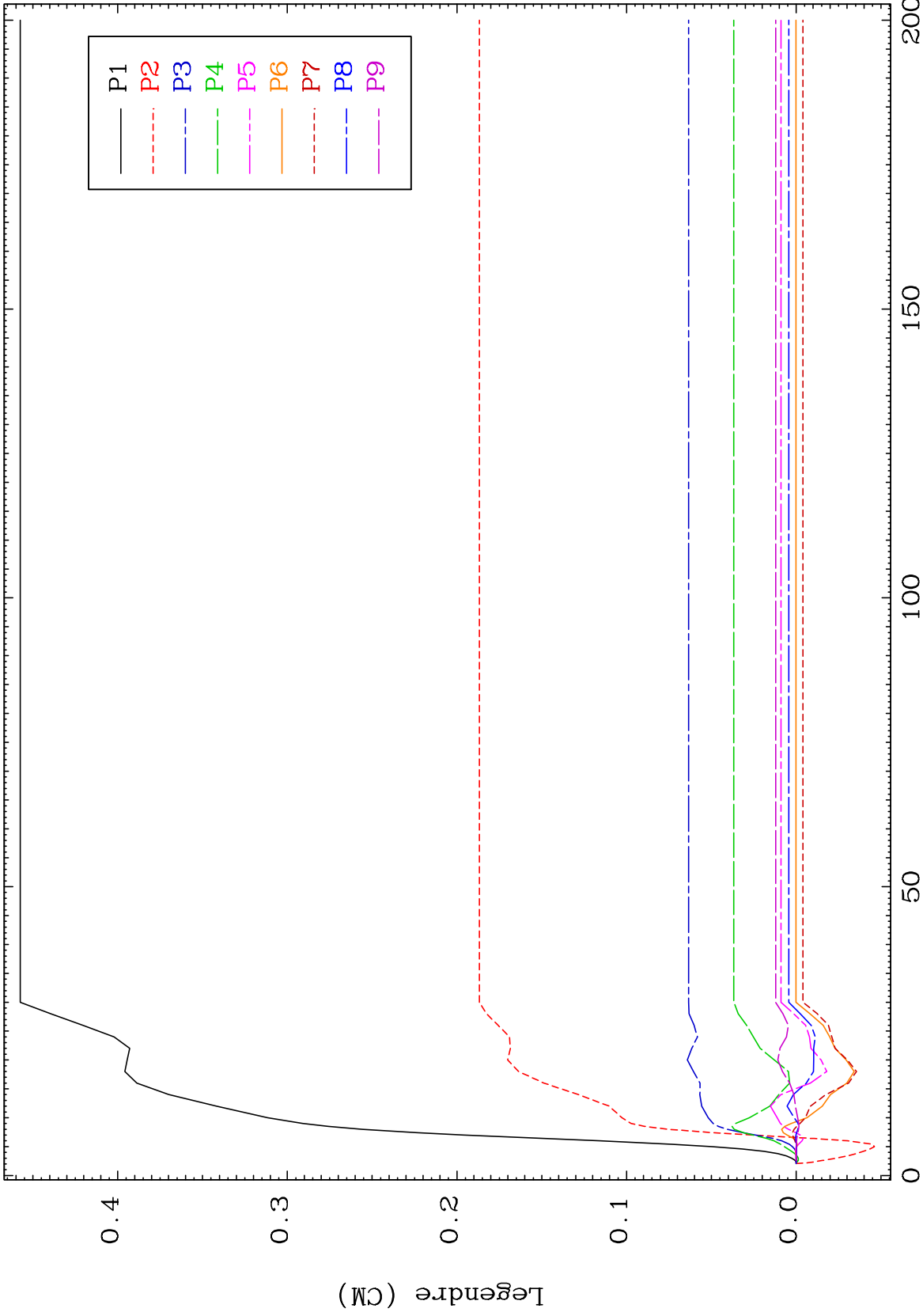
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



68

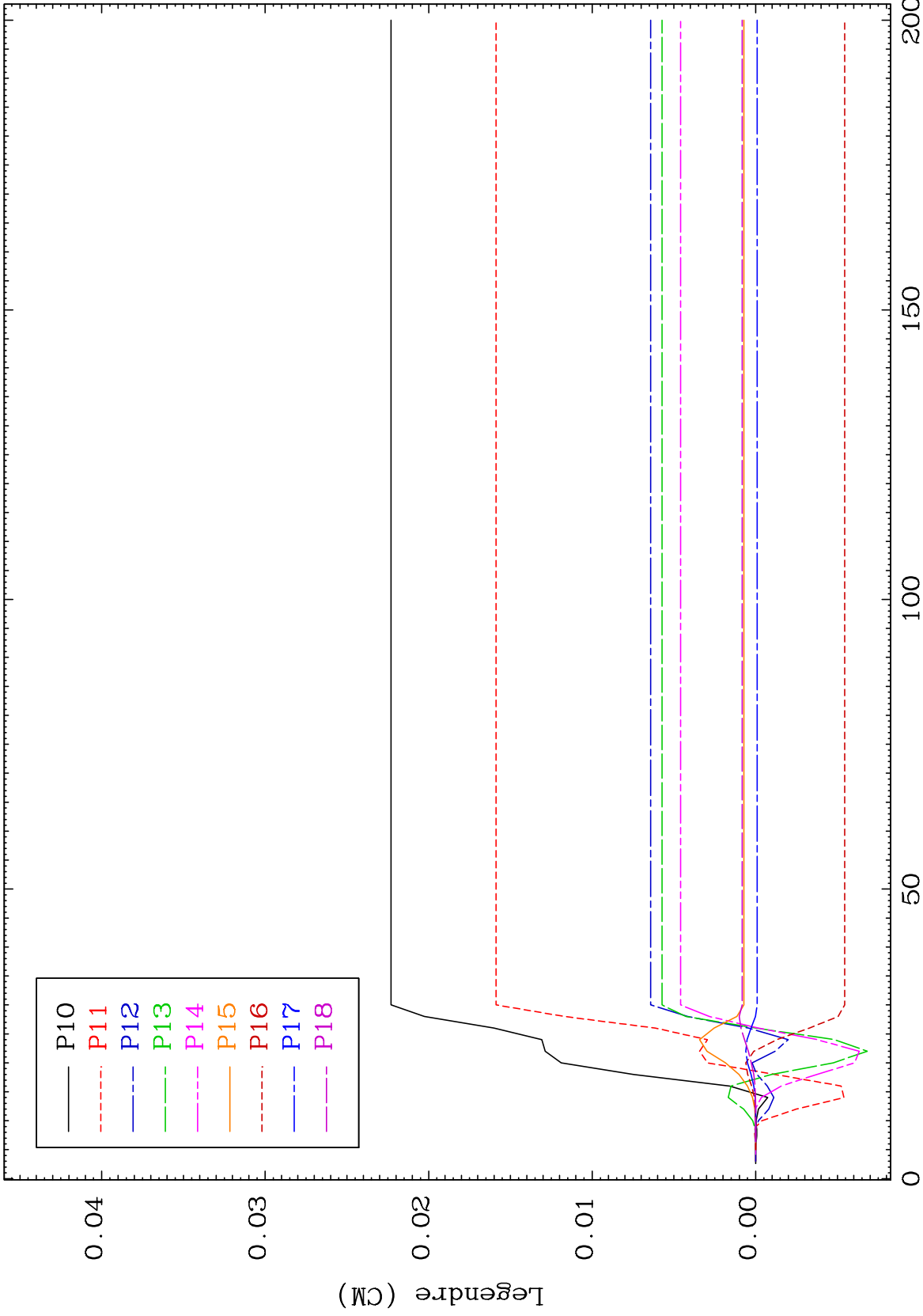
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



69

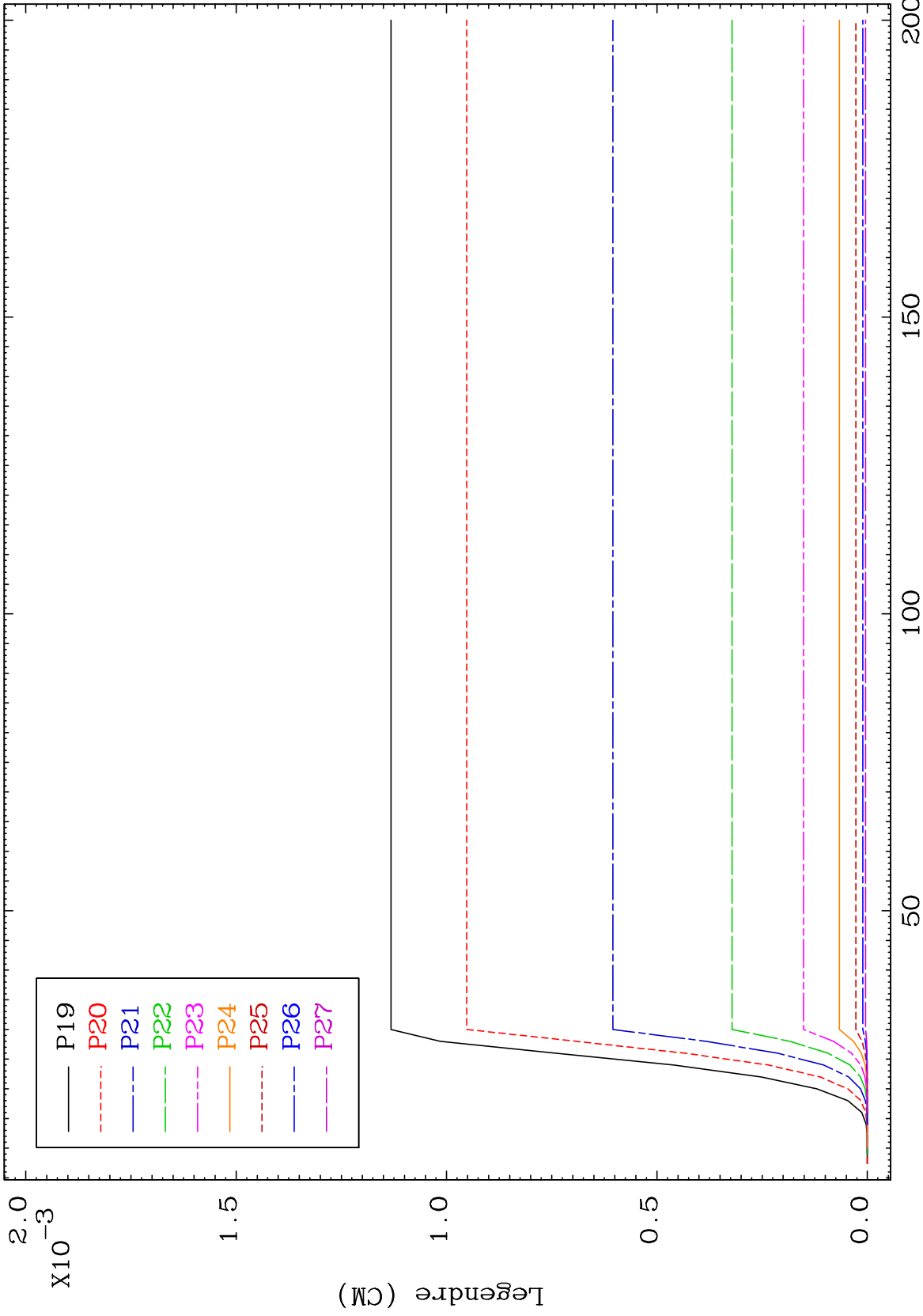
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



70

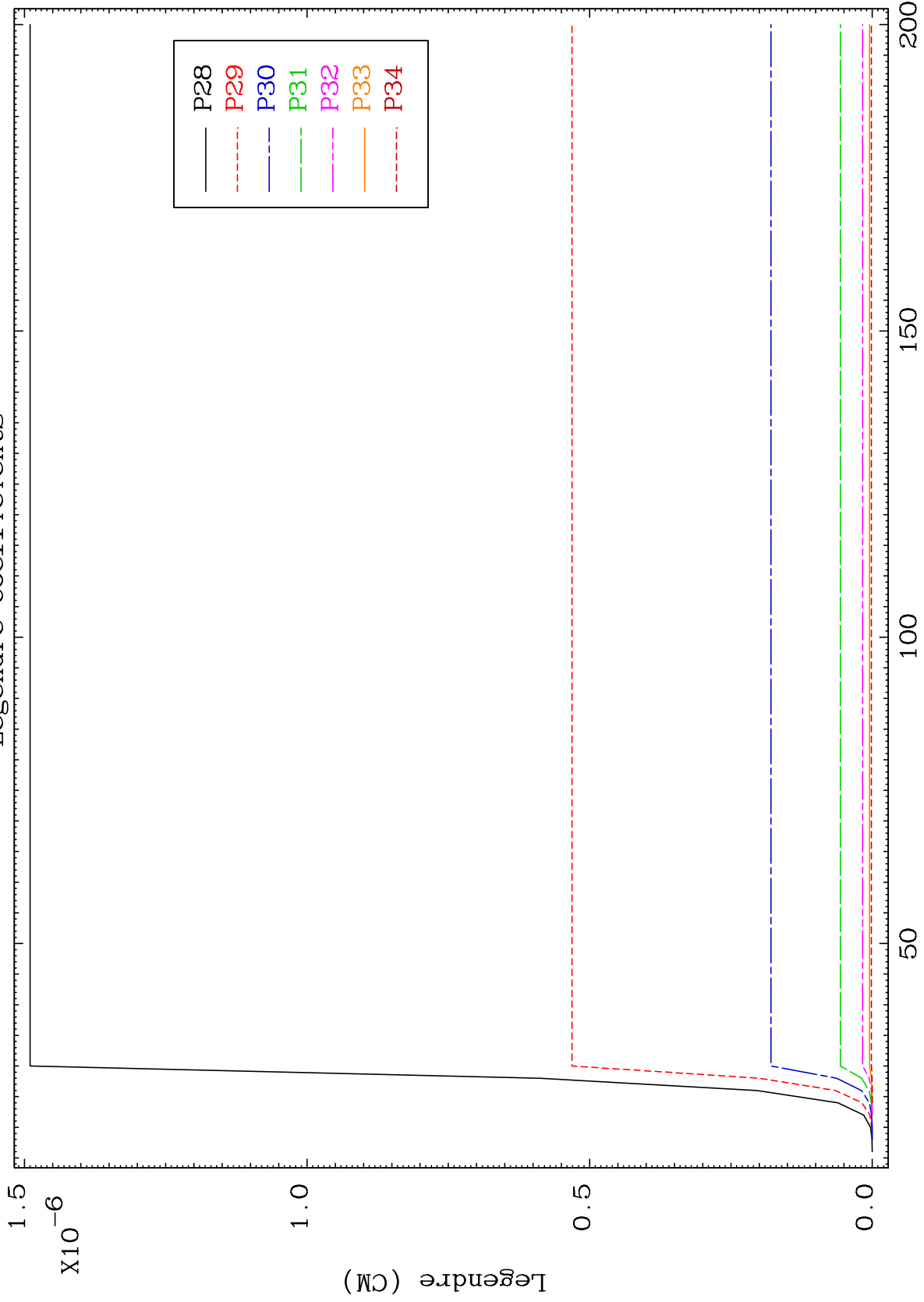
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



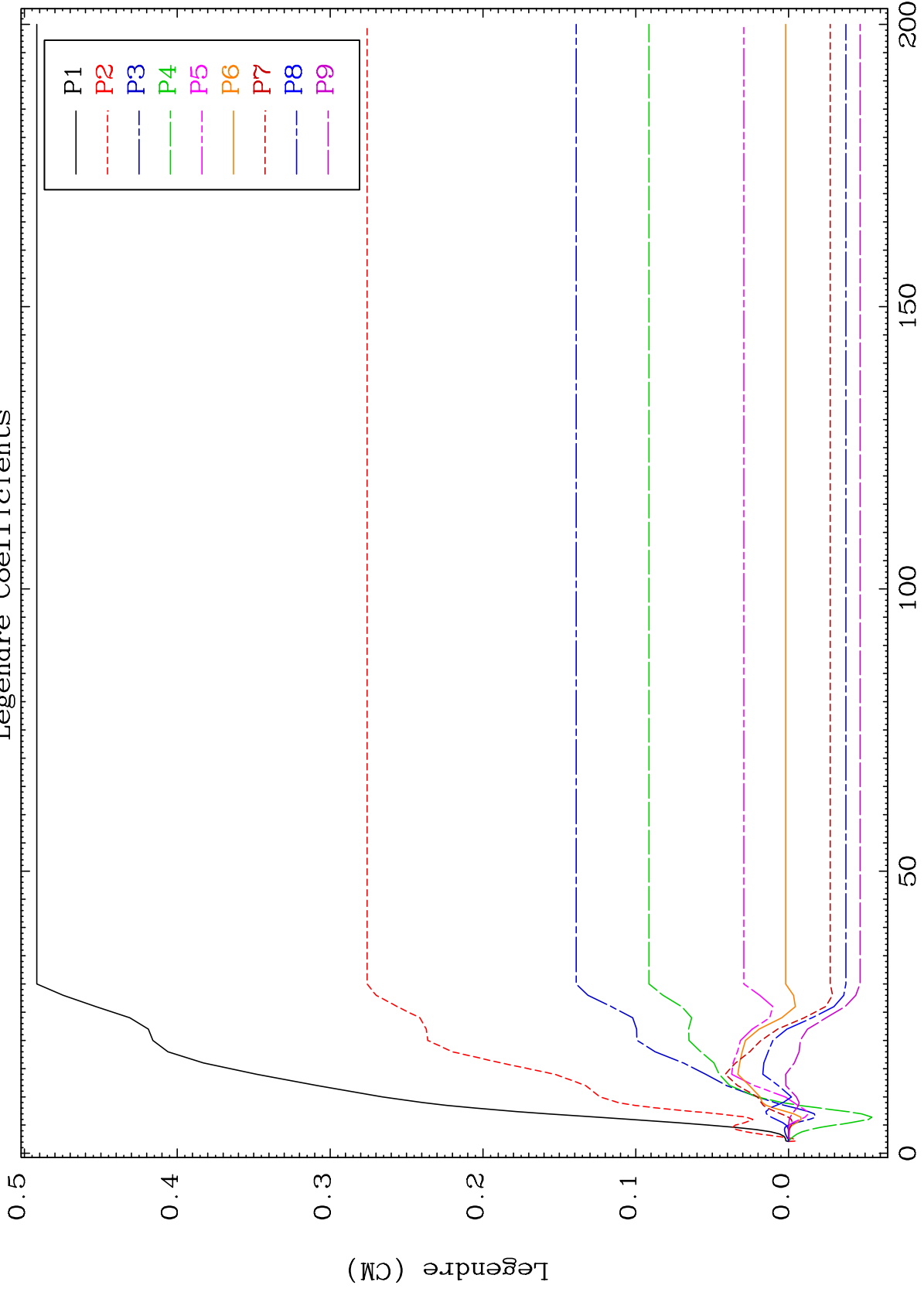
71

54-Xe-126

MAT 5431

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

54-Xe-126



72

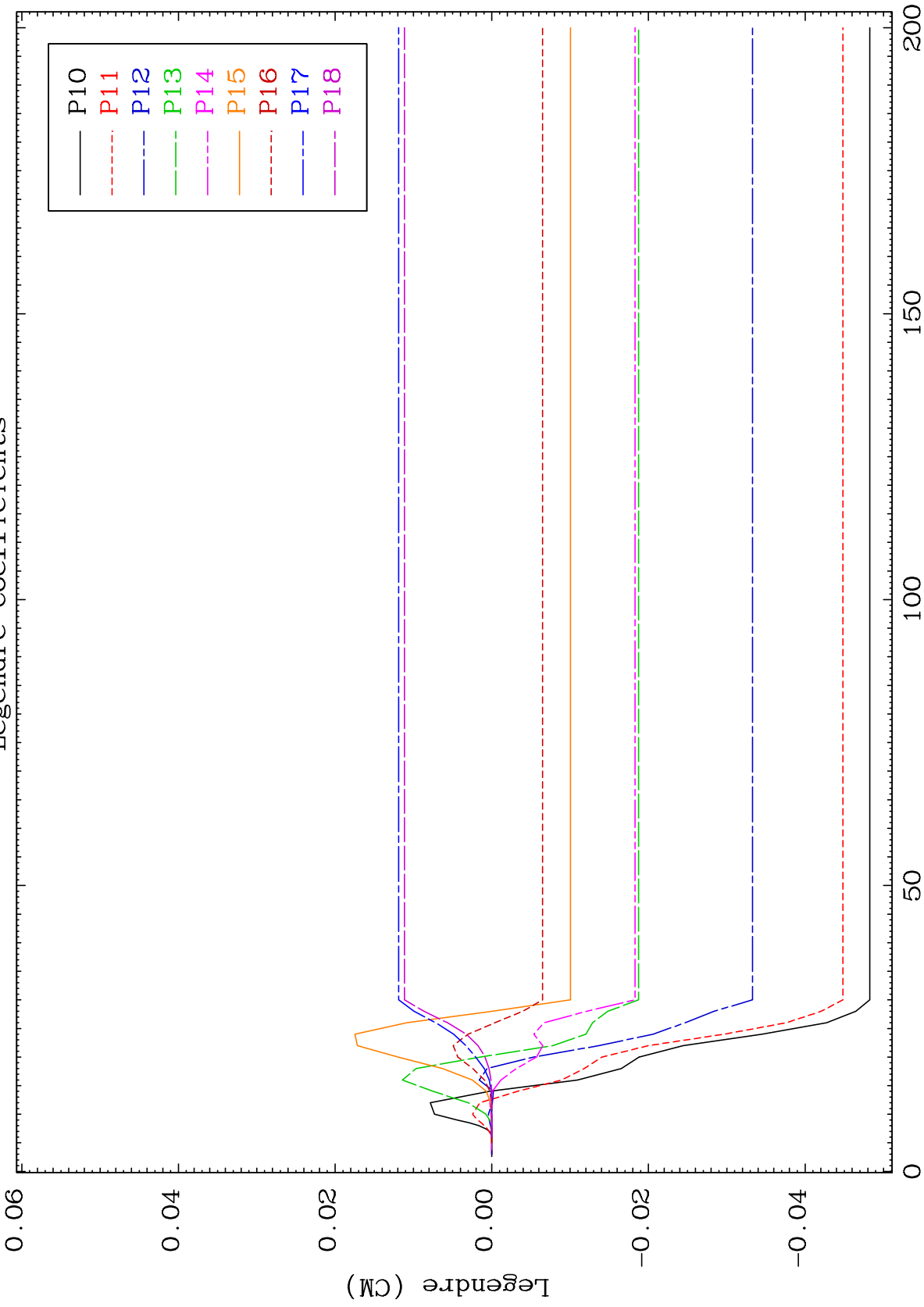
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



73

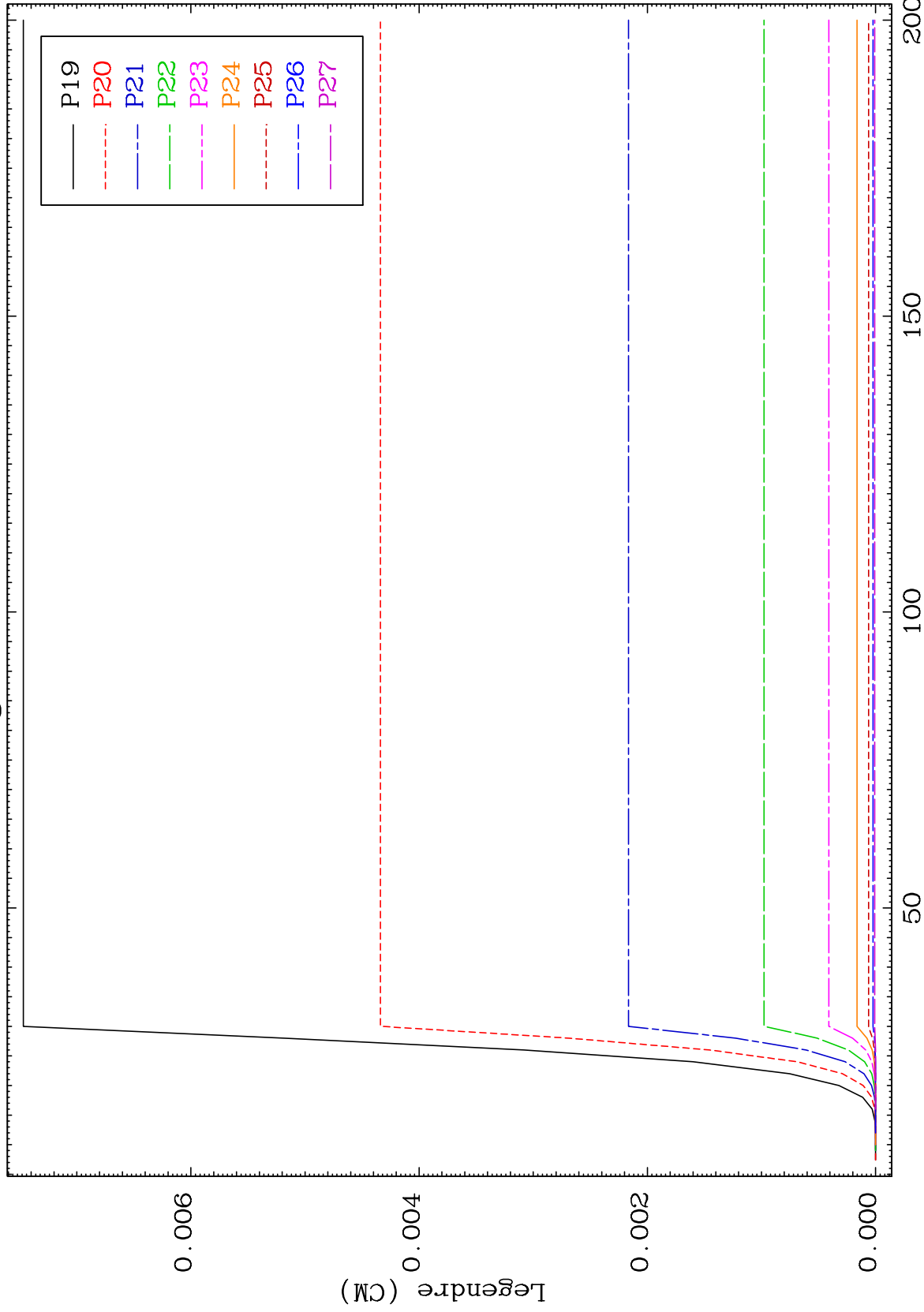
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



74

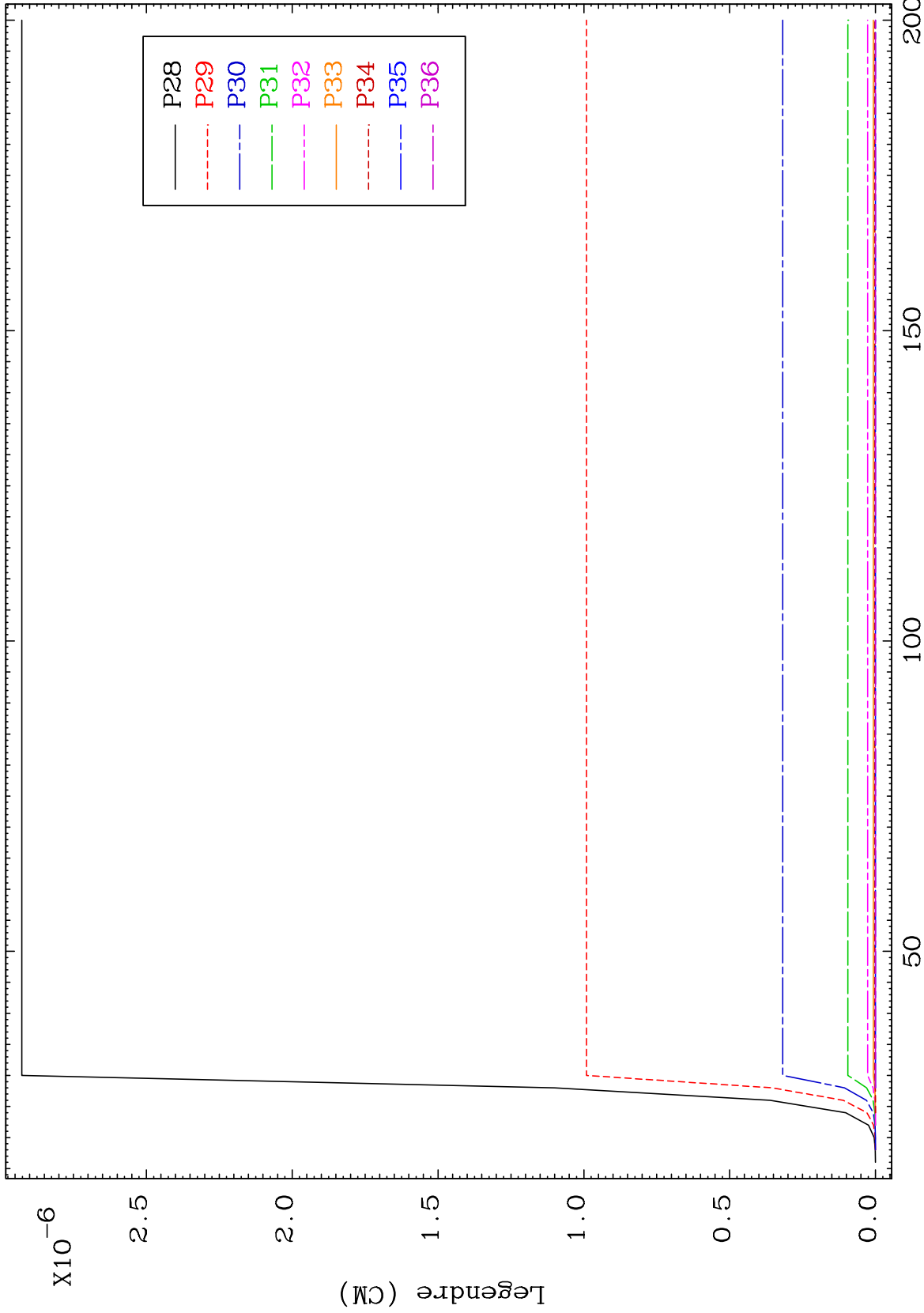
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



75

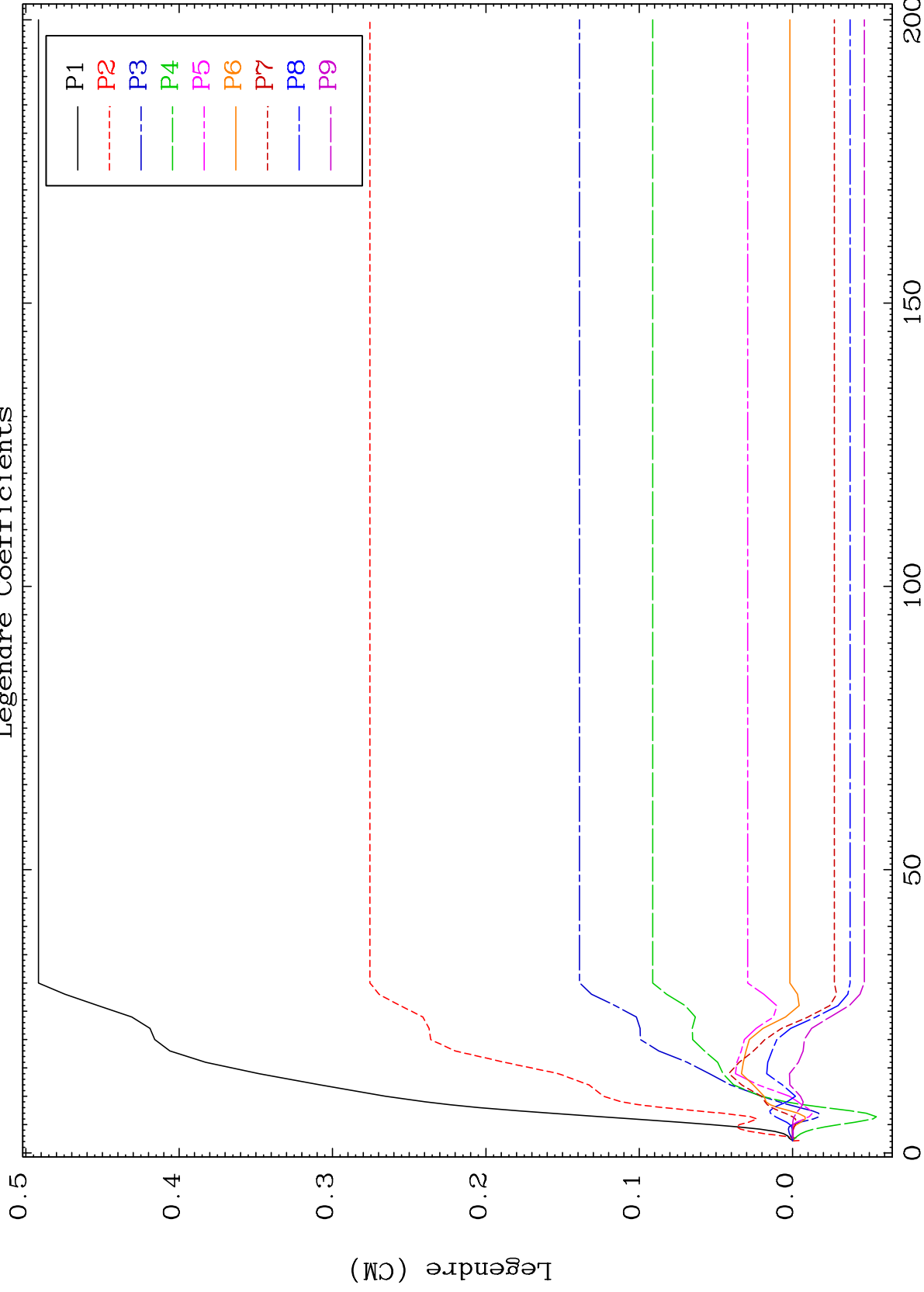
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



76

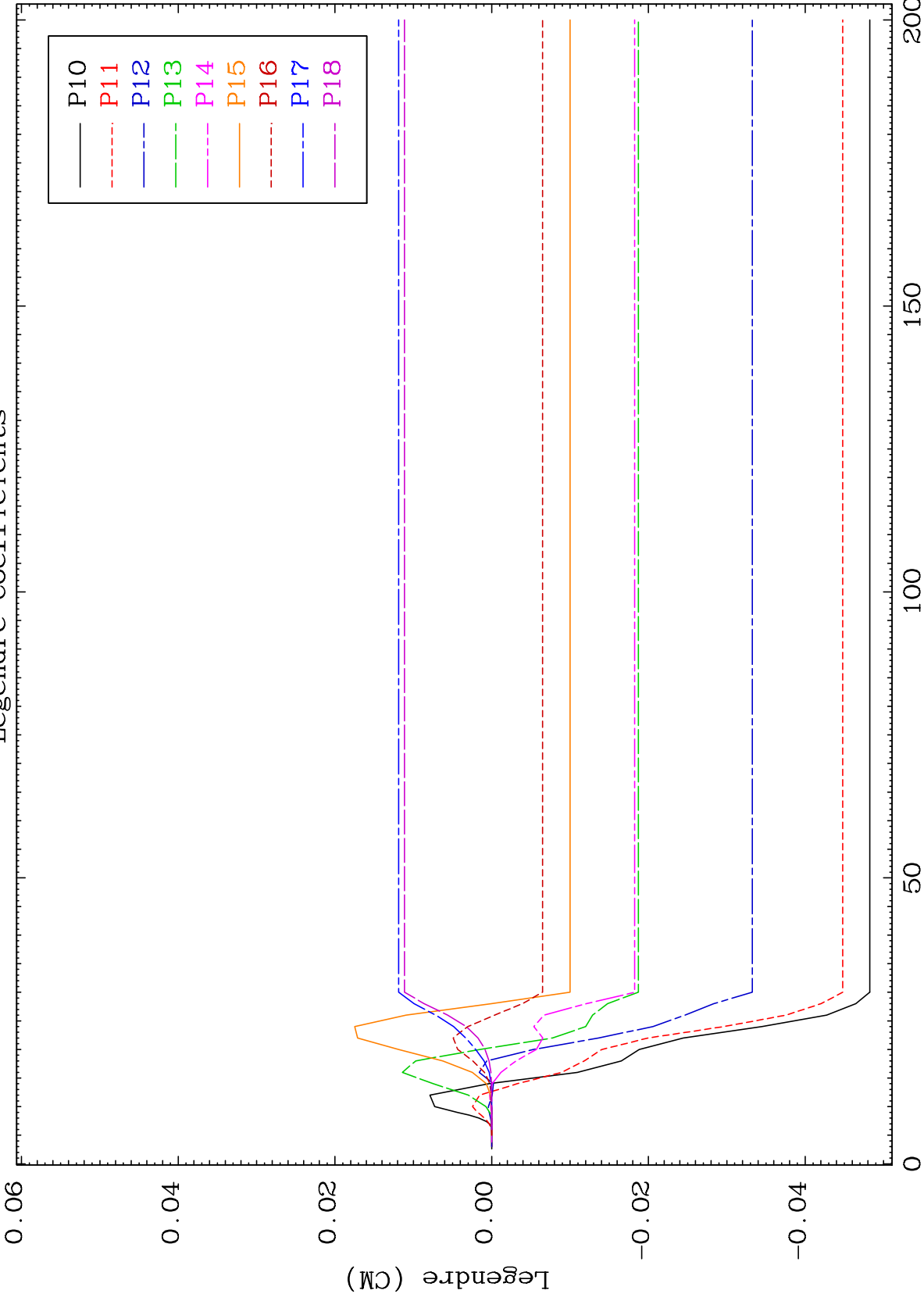
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



77

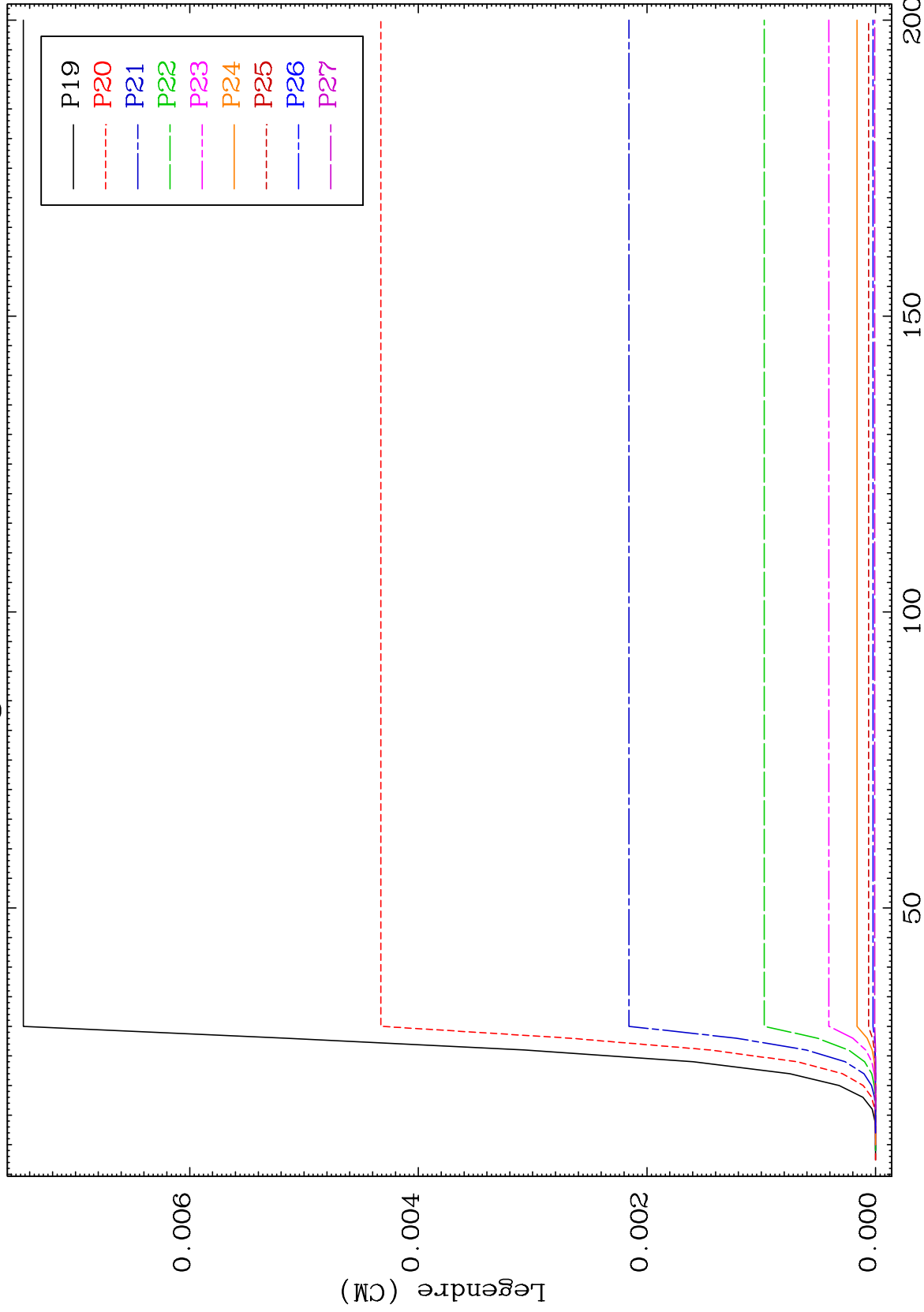
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



78

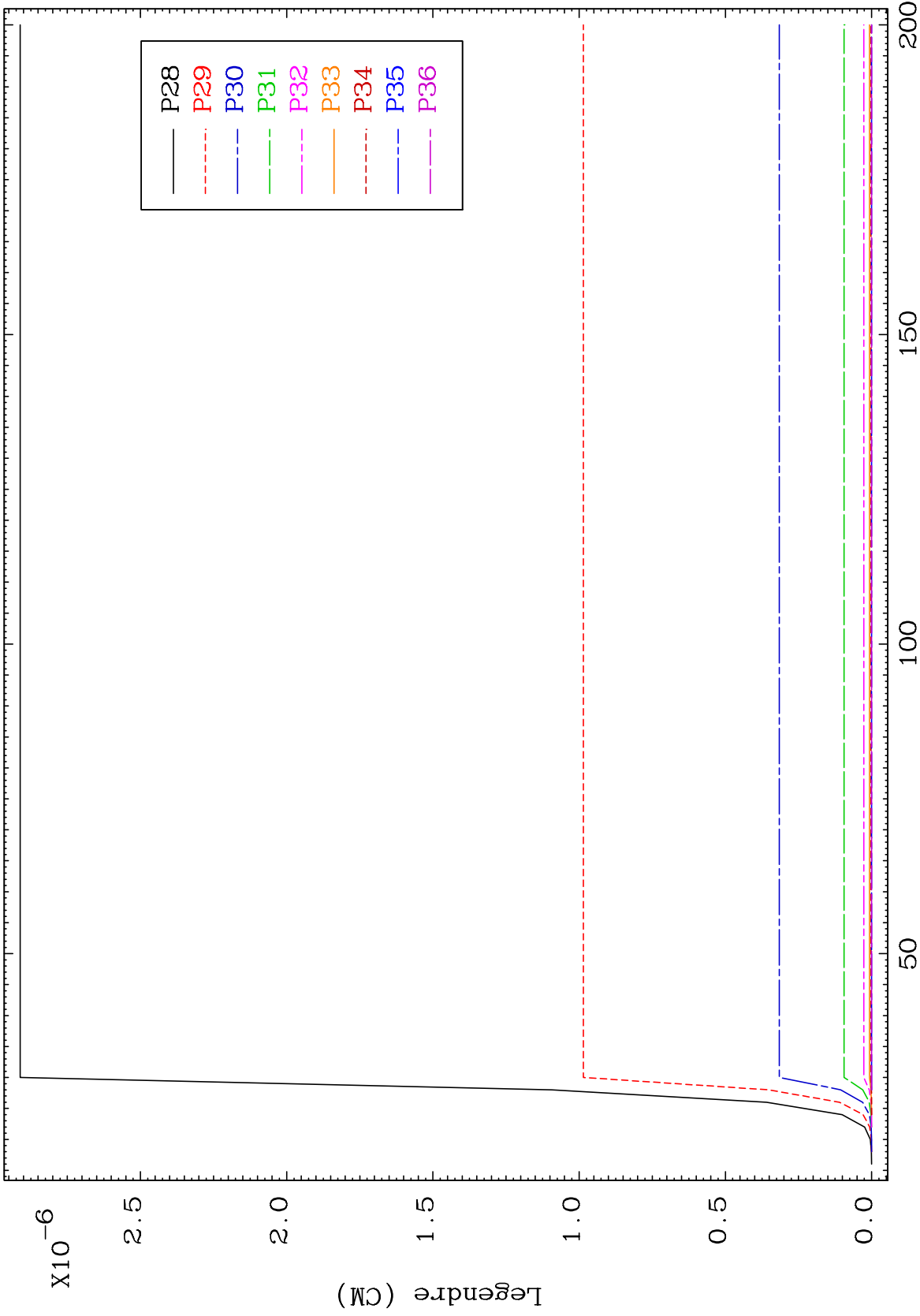
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



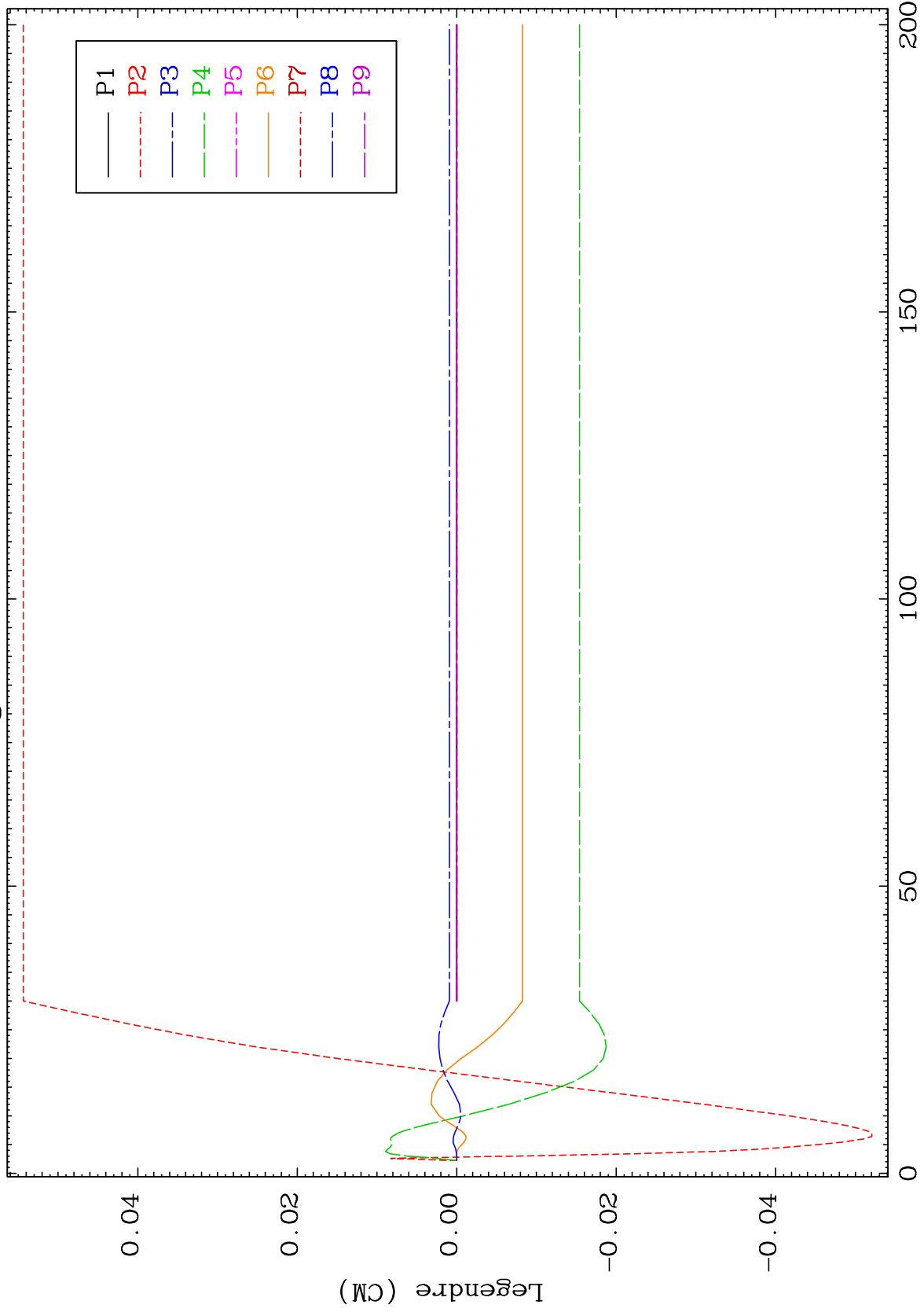
79

54-Xe-126

MAT 5431

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

54-Xe-126



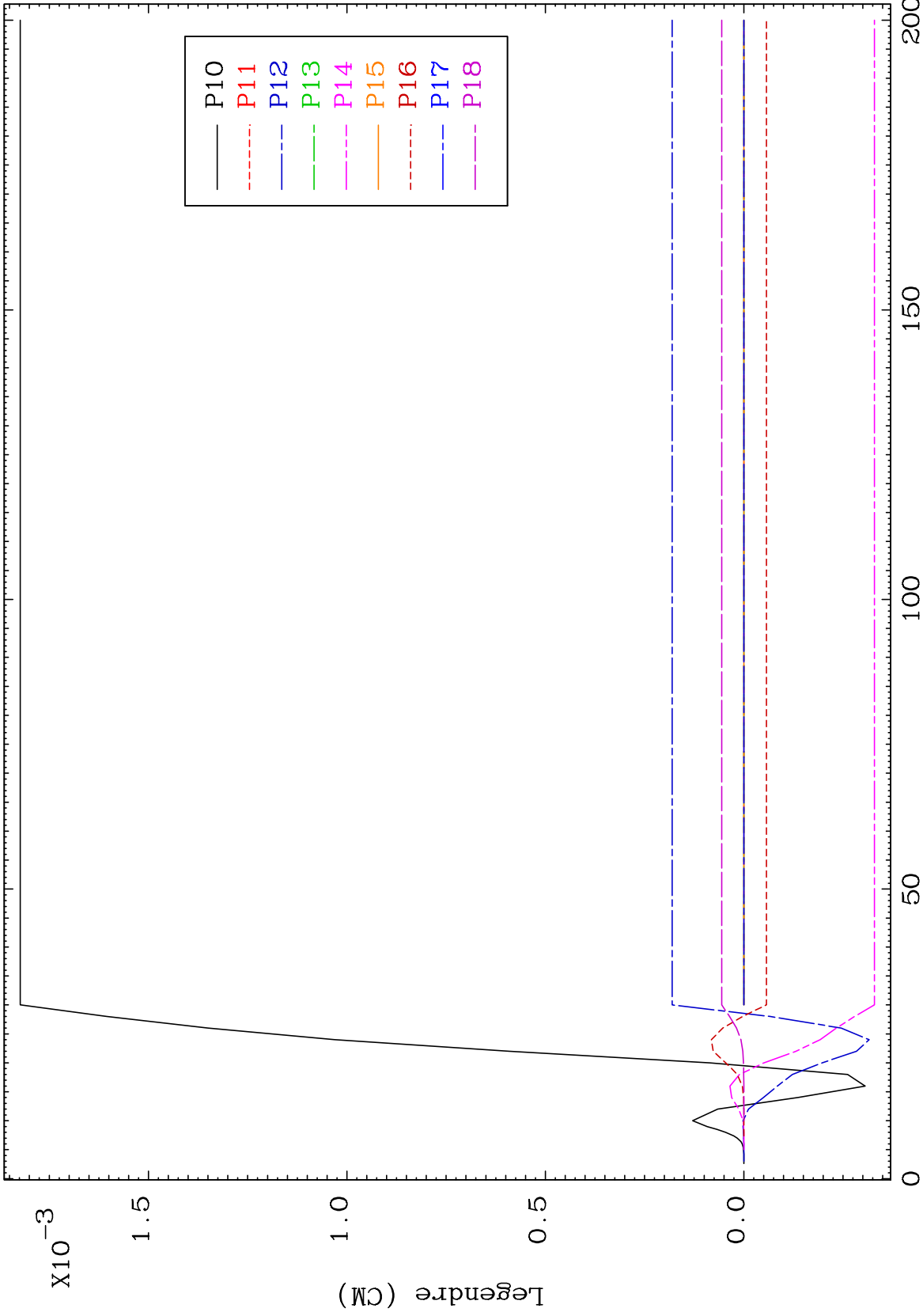
54-Xe-126

Incident Energy (MeV)

MAT 5431

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

54-Xe-126



81

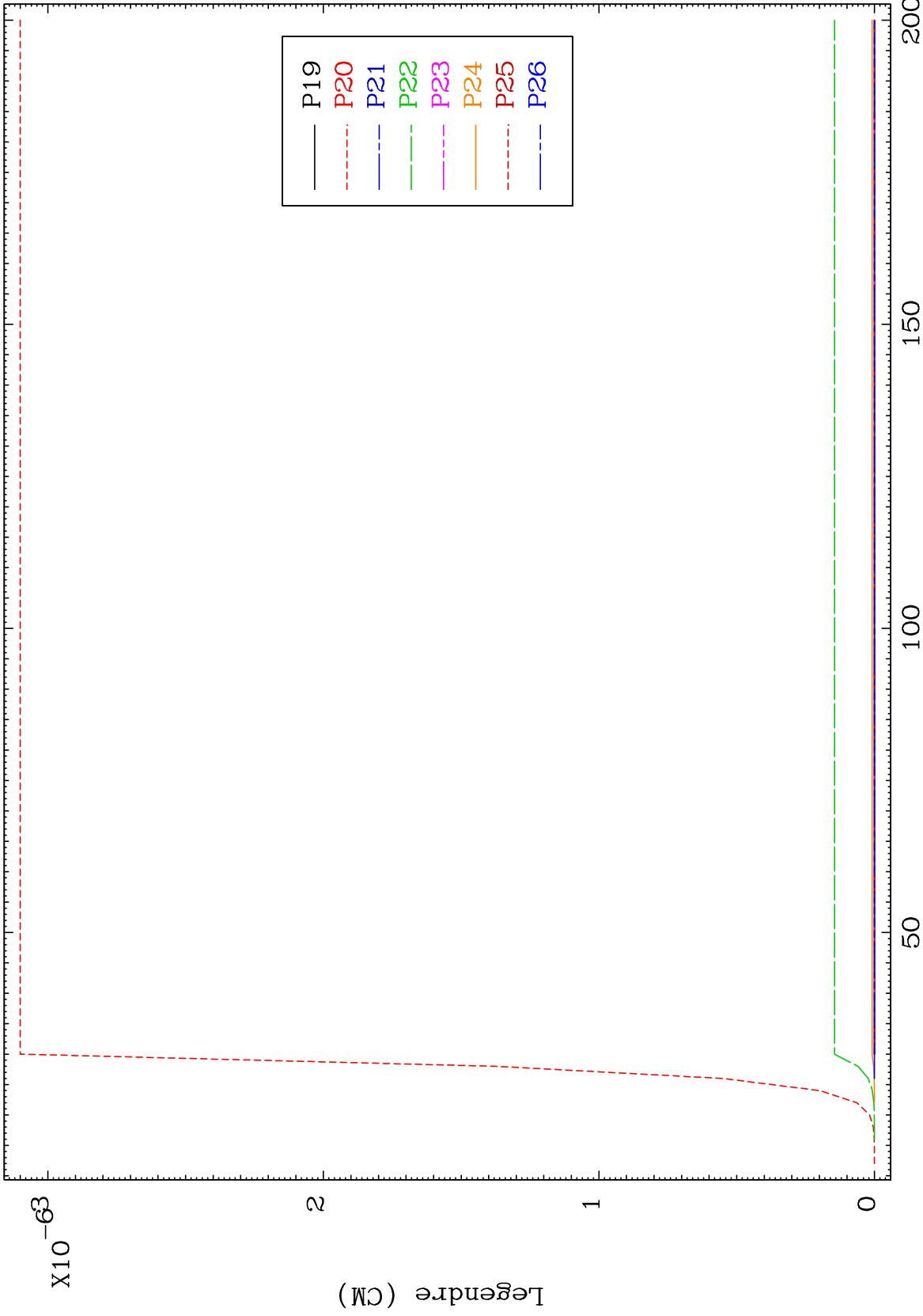
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



82

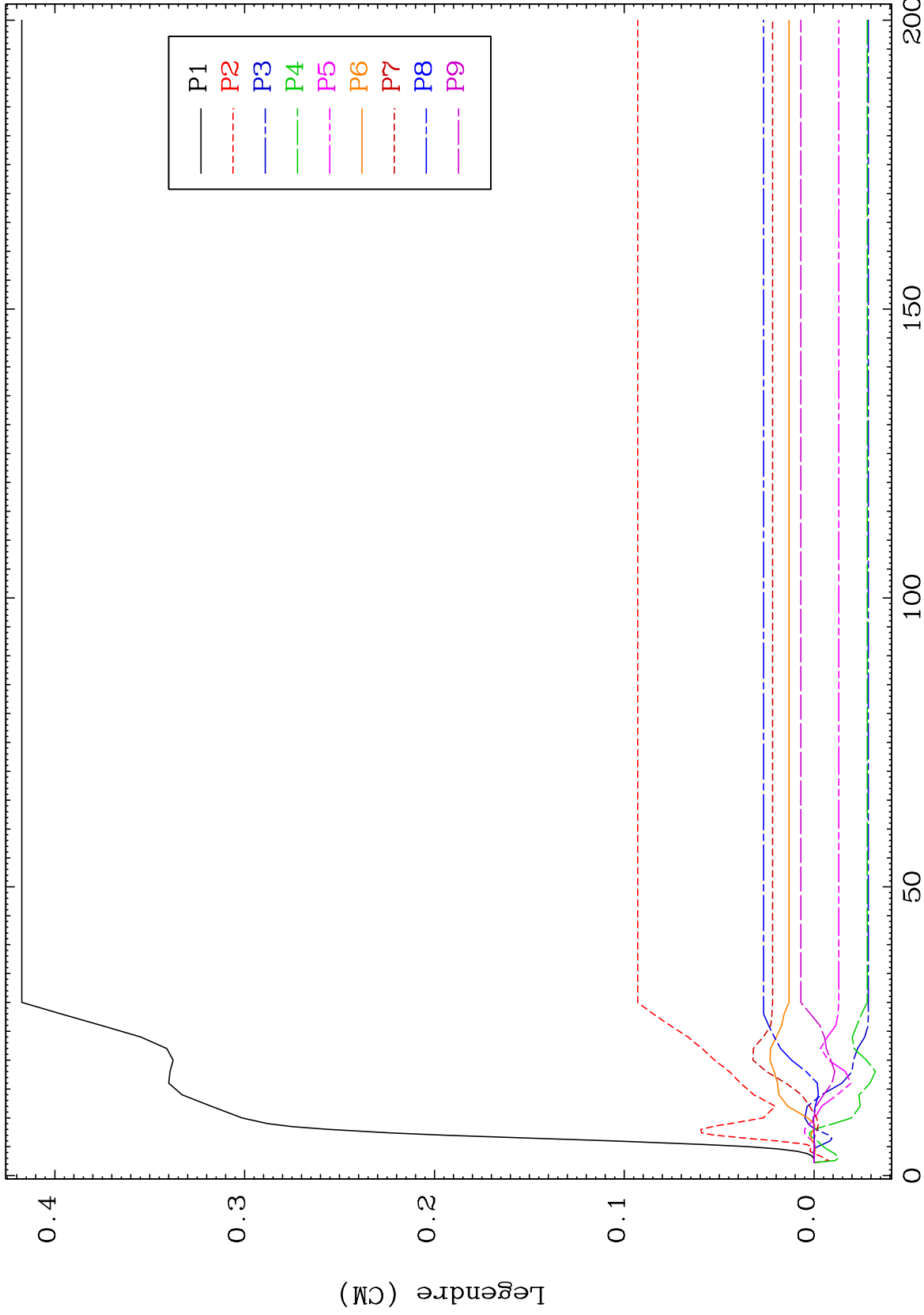
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



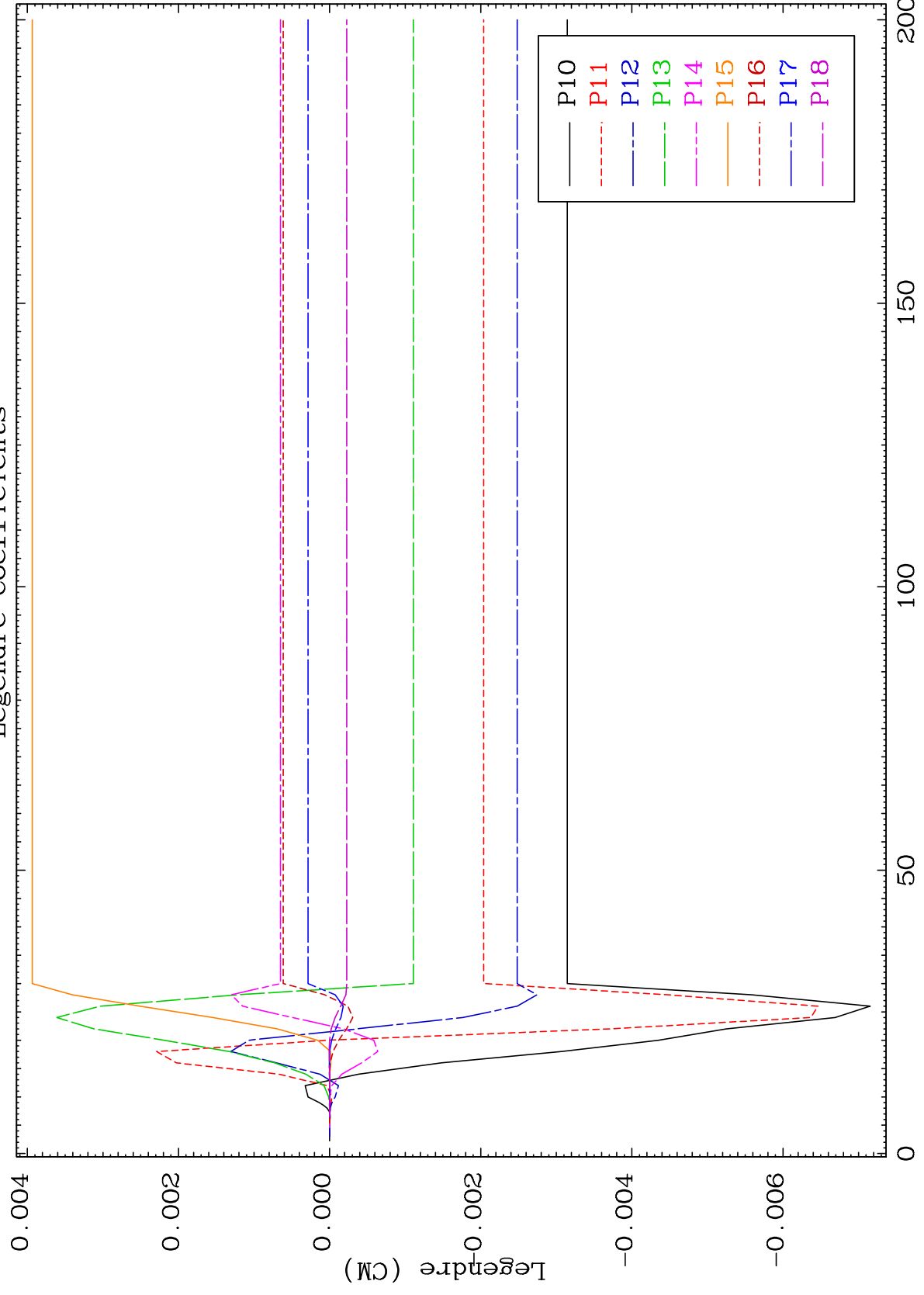
83

Incident Energy (MeV)

54-Xe-126

MAT 5431 MT= 68 (n,n') Level Legendre Coefficients

54-Xe-126



54-Xe-126

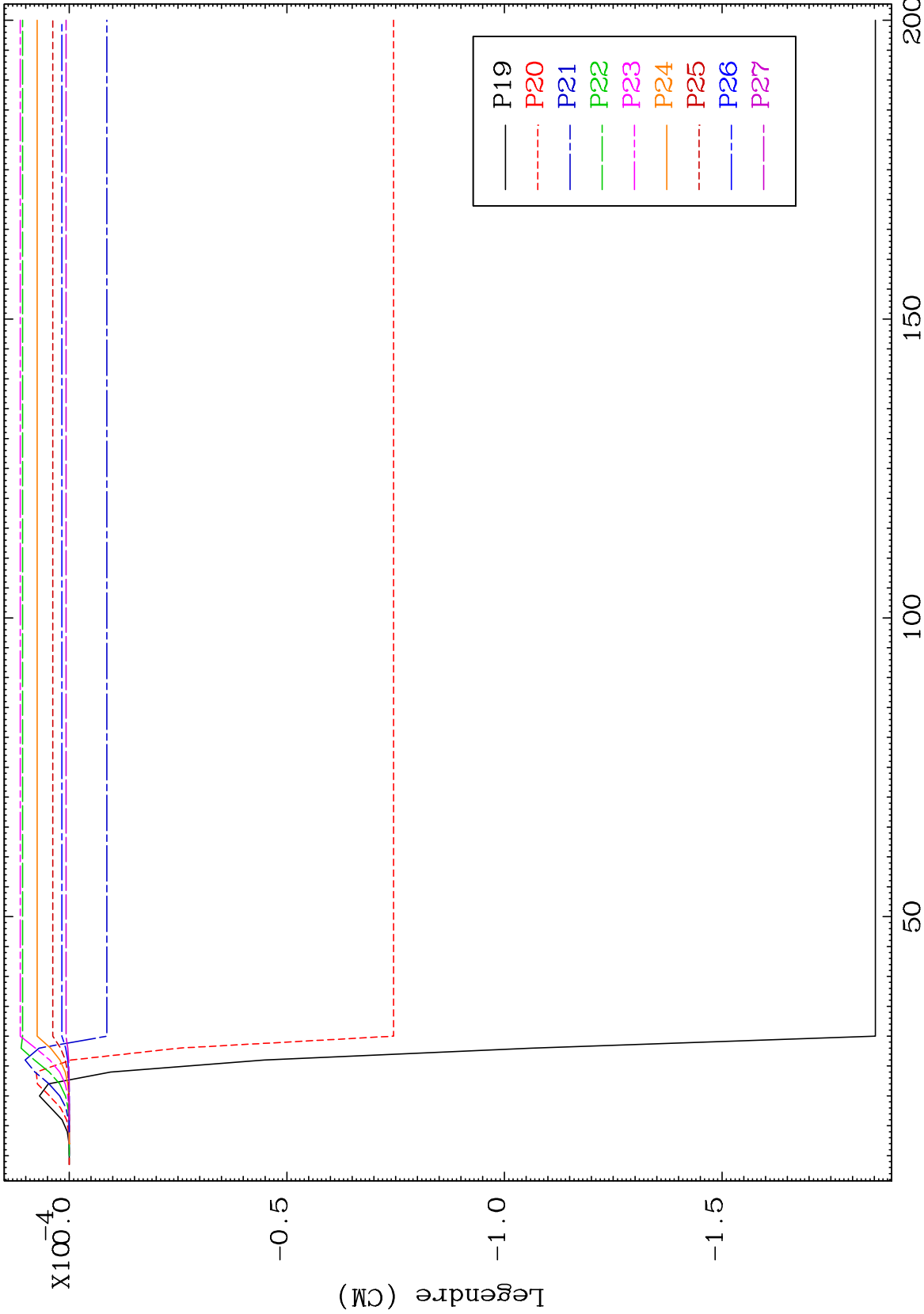
Incident Energy (MeV)

84

MAT 5431

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

54-Xe-126



85

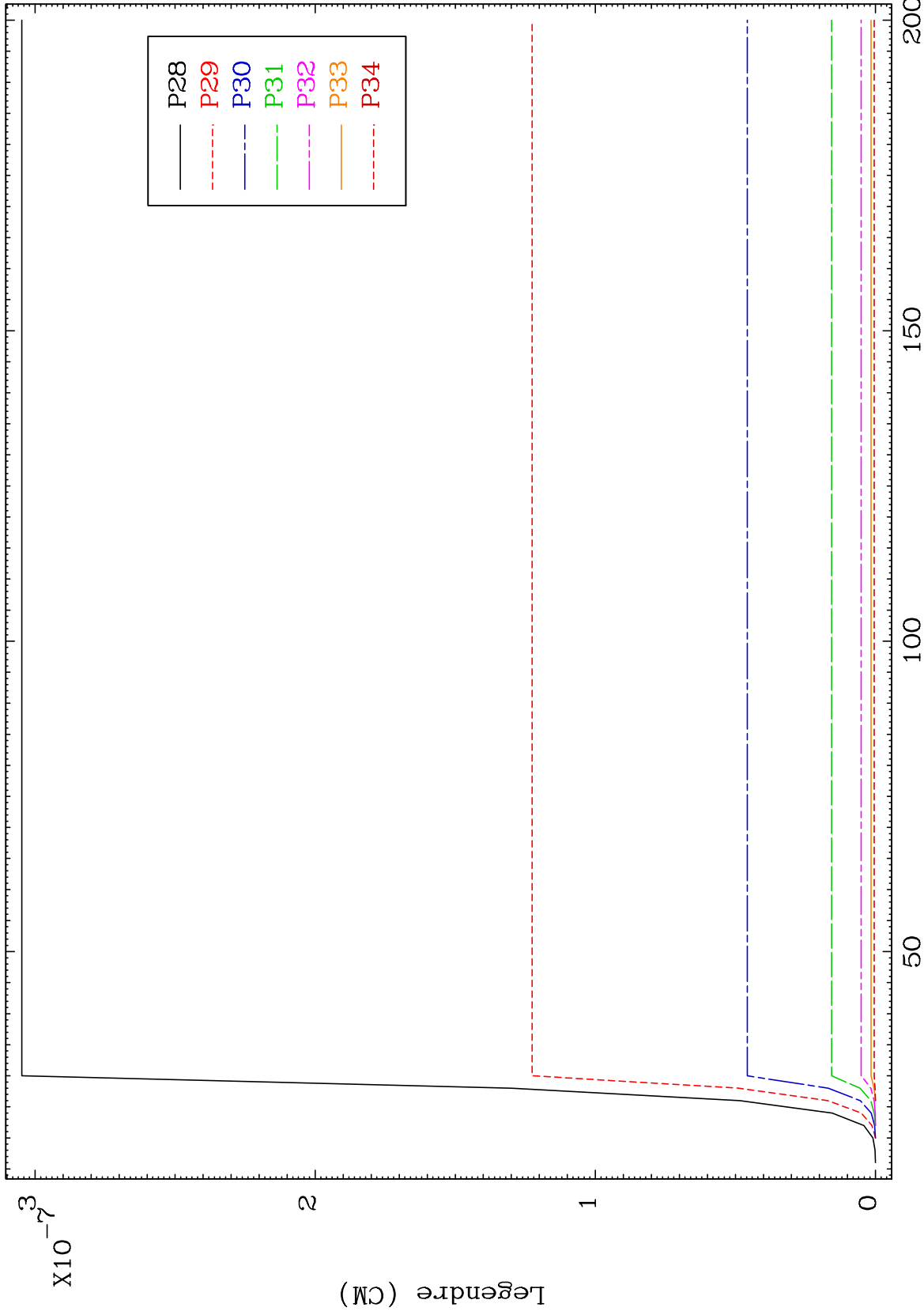
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

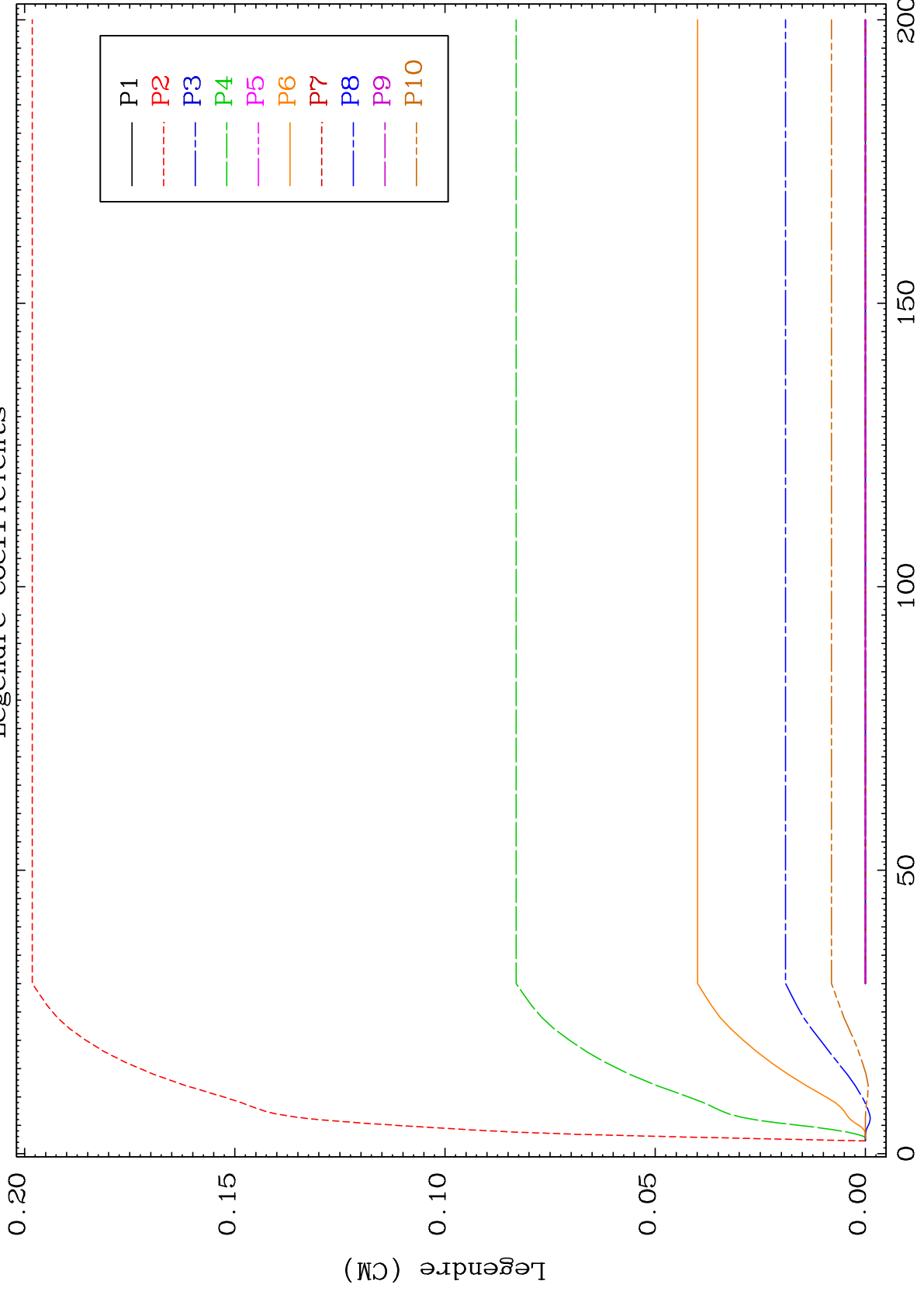
54-Xe-126



86

54-Xe-126

MAT 5431 MT= 69 (n,n') Level Legendre Coefficients 54-Xe-126

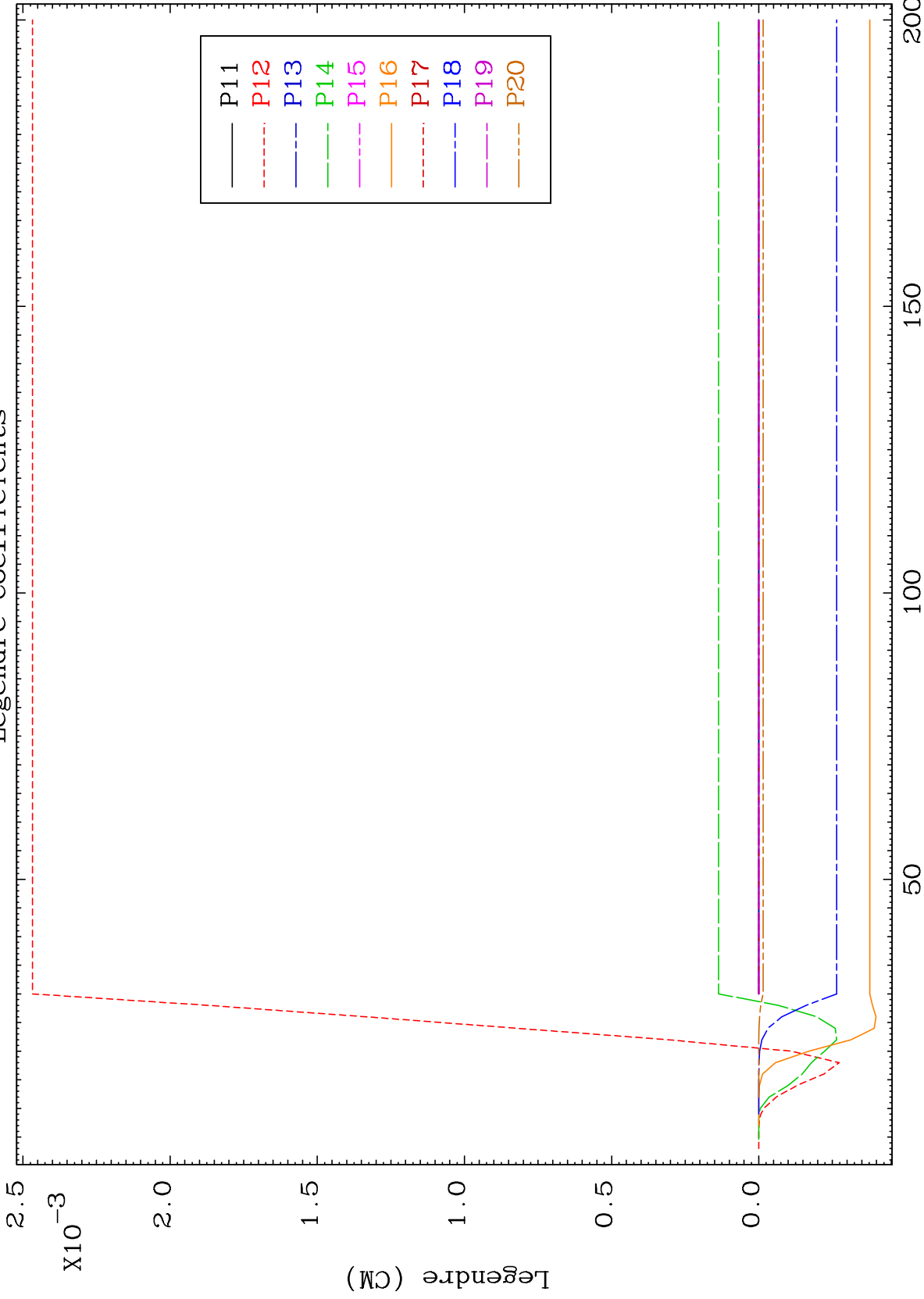


87 54-Xe-126

MAT 5431

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

54-Xe-126



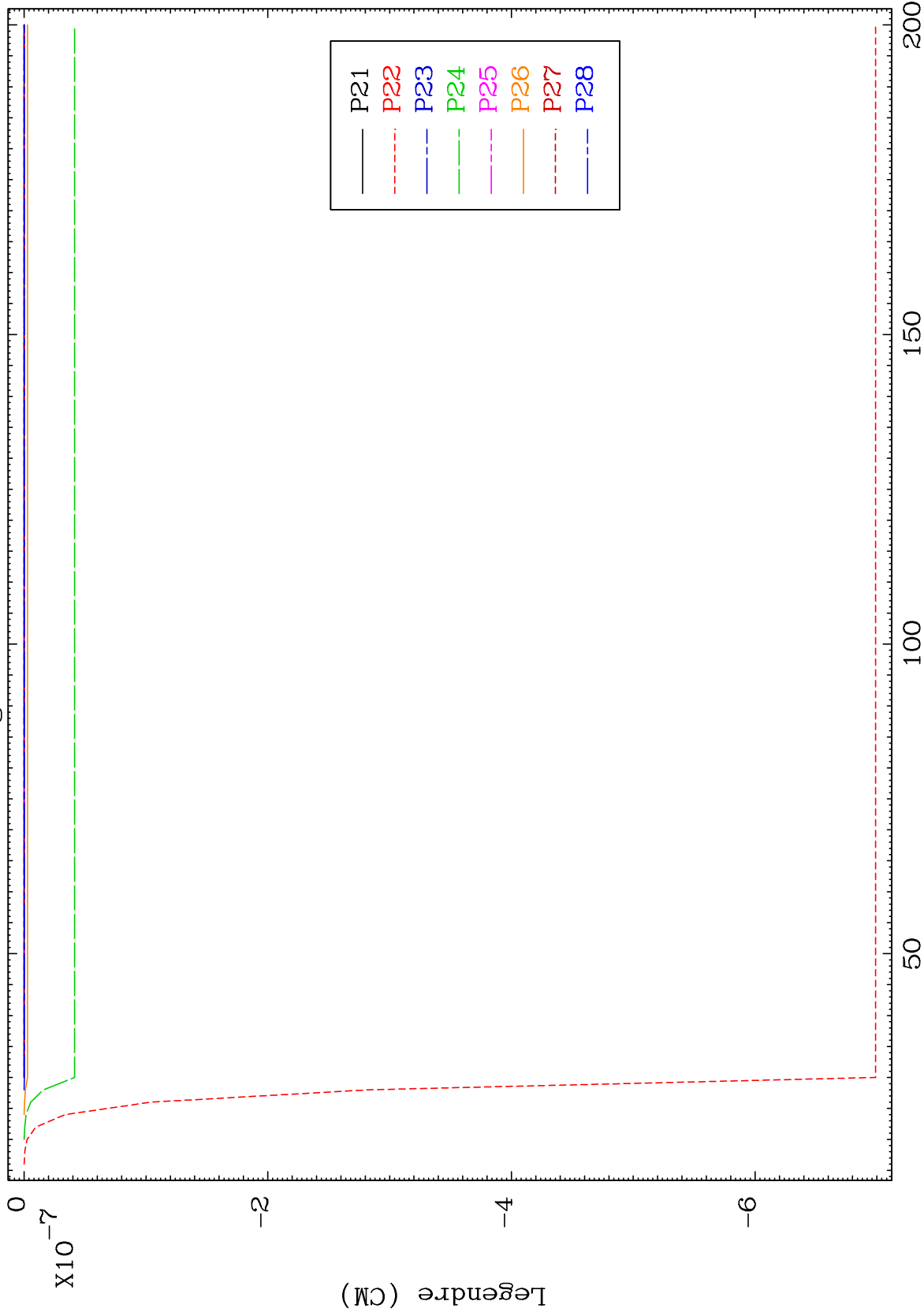
88

54-Xe-126

MAT 5431

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

54-Xe-126



89

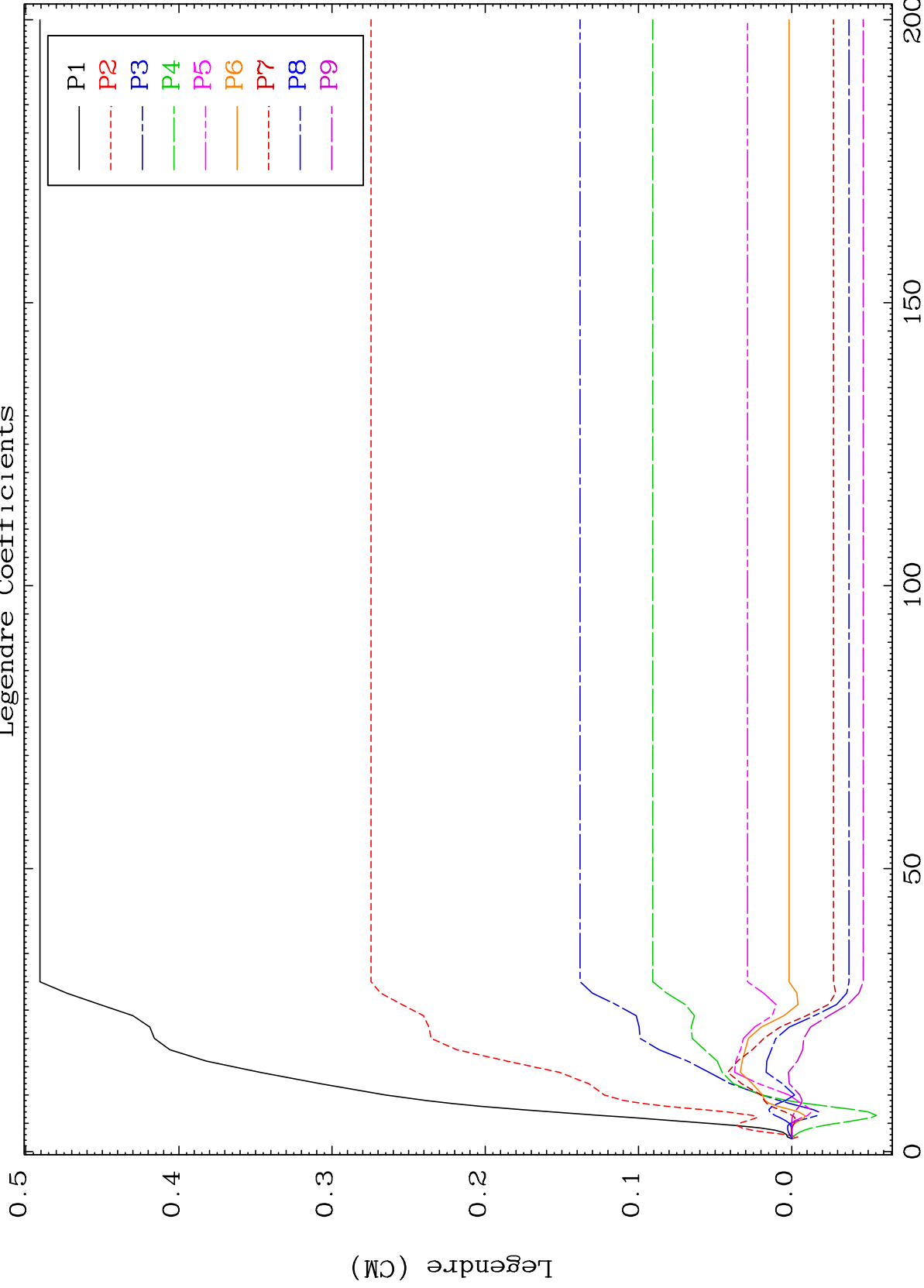
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



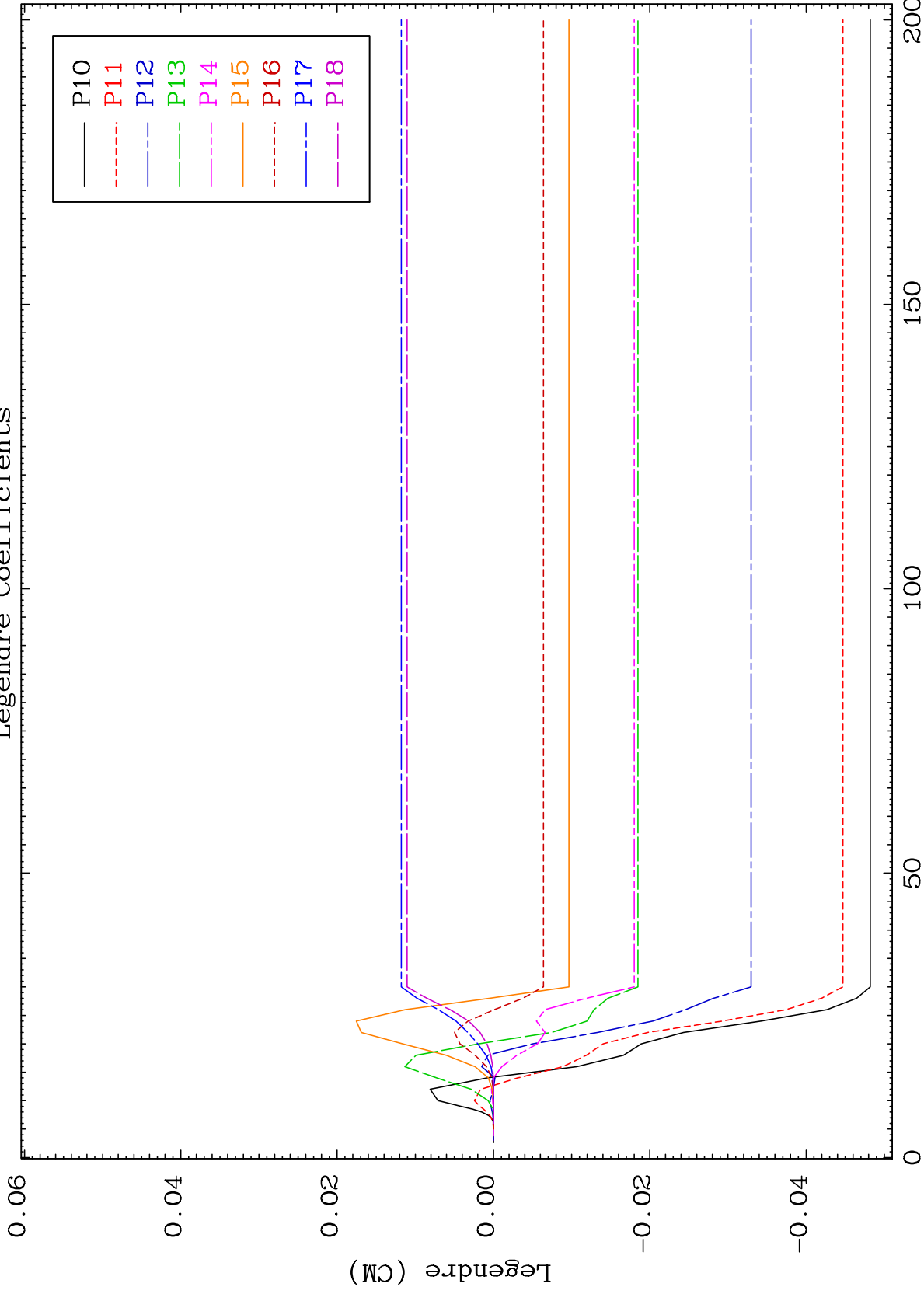
54-Xe-126

Incident Energy (MeV)

MAT 5431

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

54-Xe-126



91

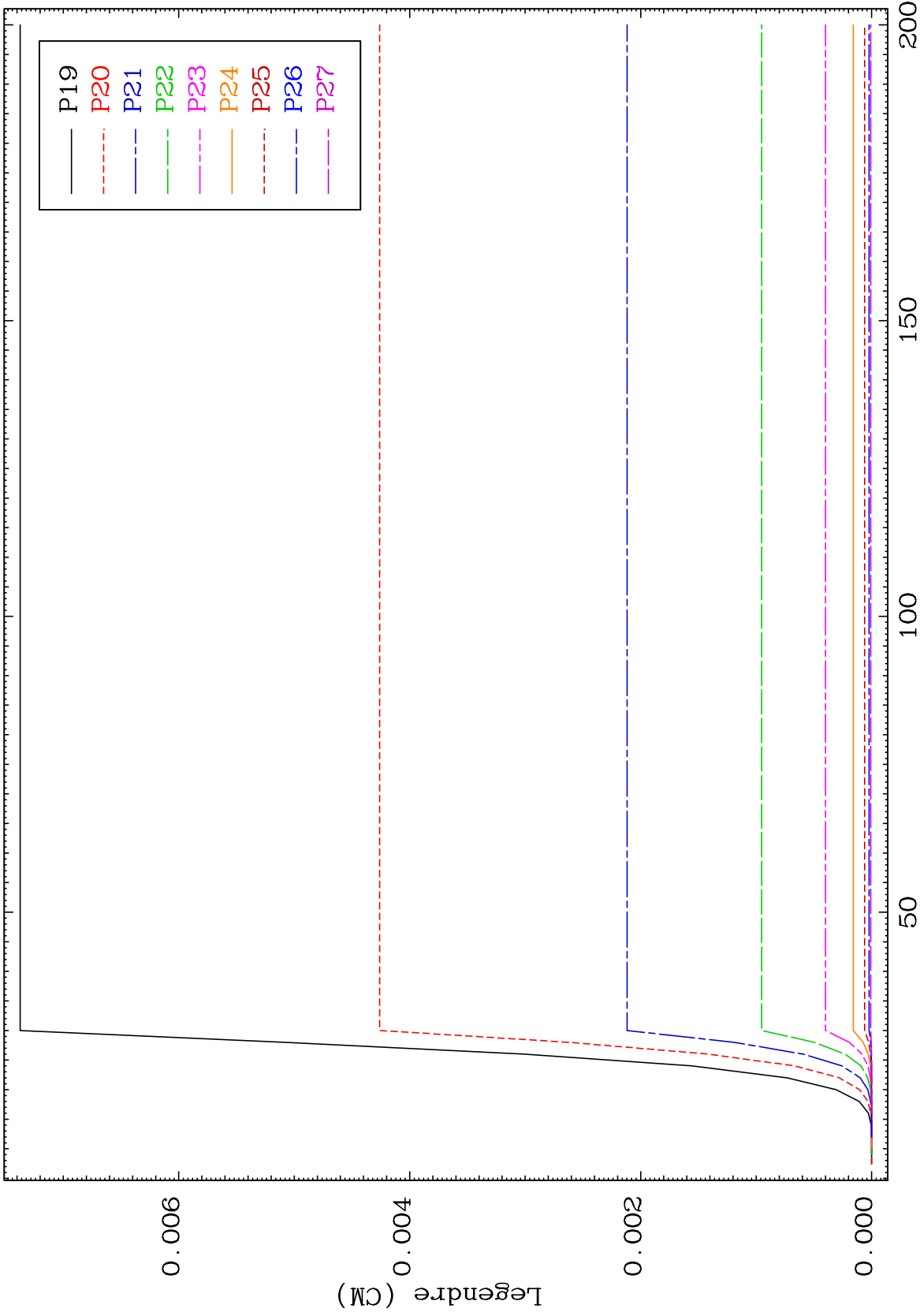
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



92

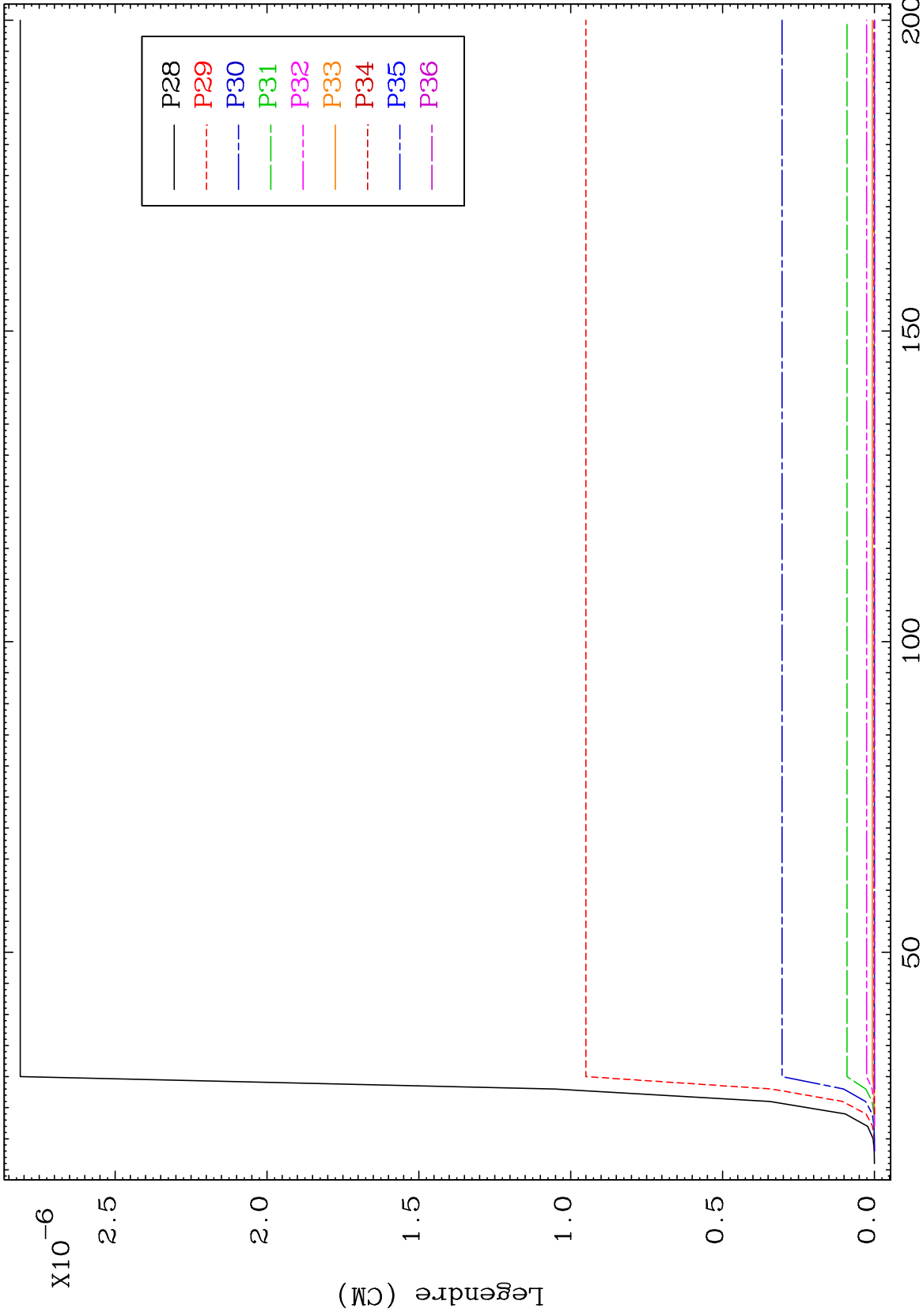
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



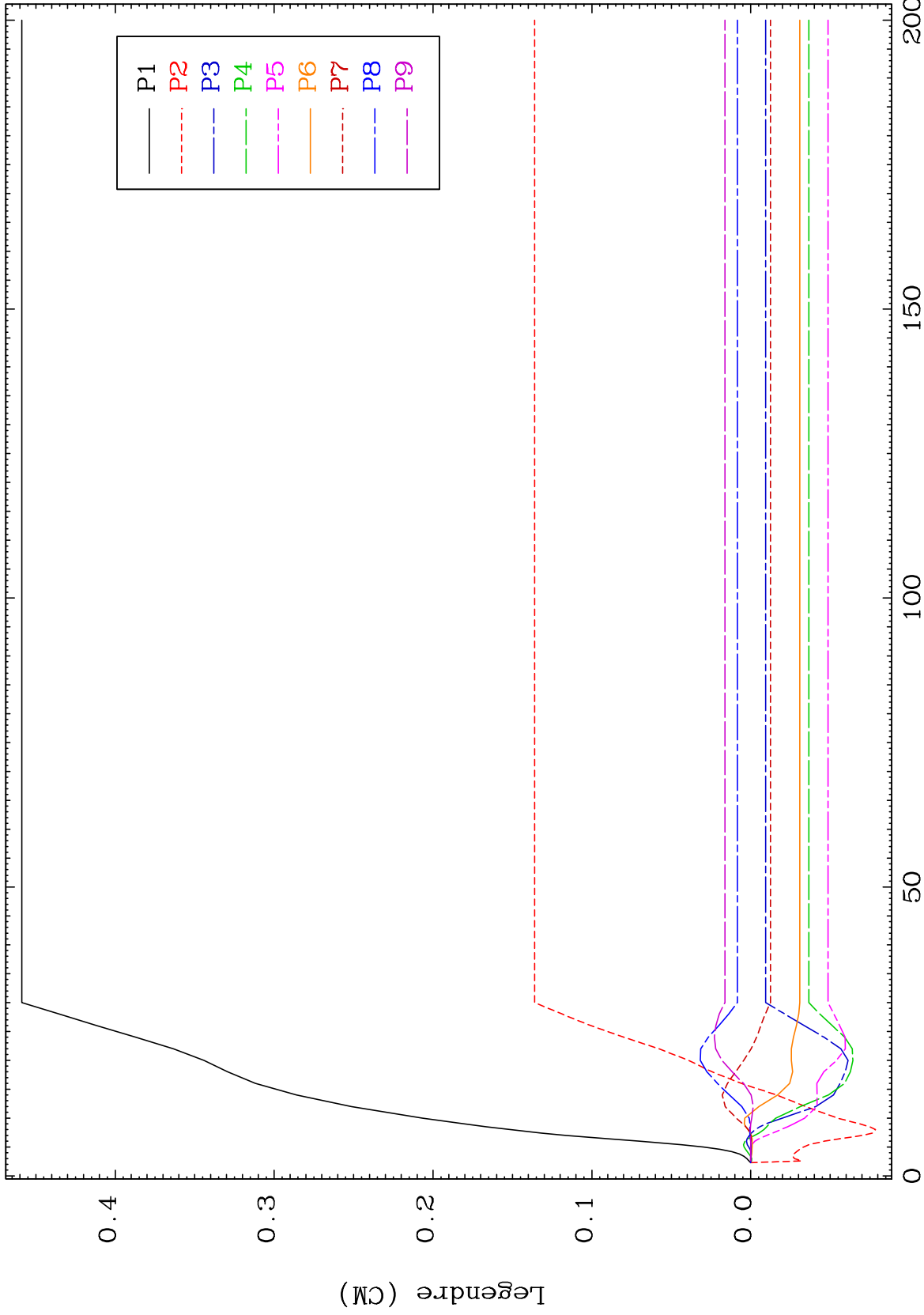
93

54-Xe-126

MAT 5431

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

54-Xe-126



94

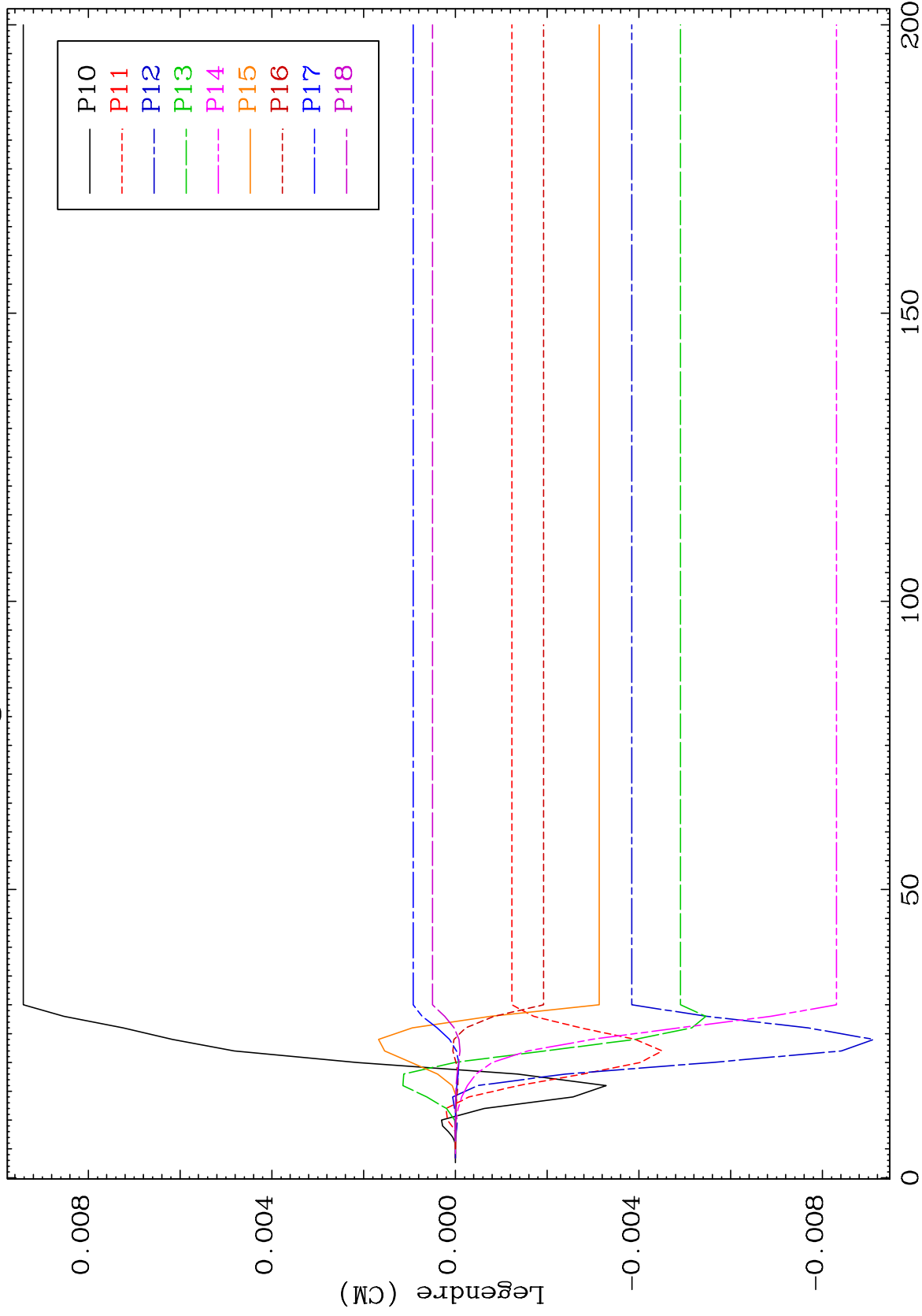
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



95

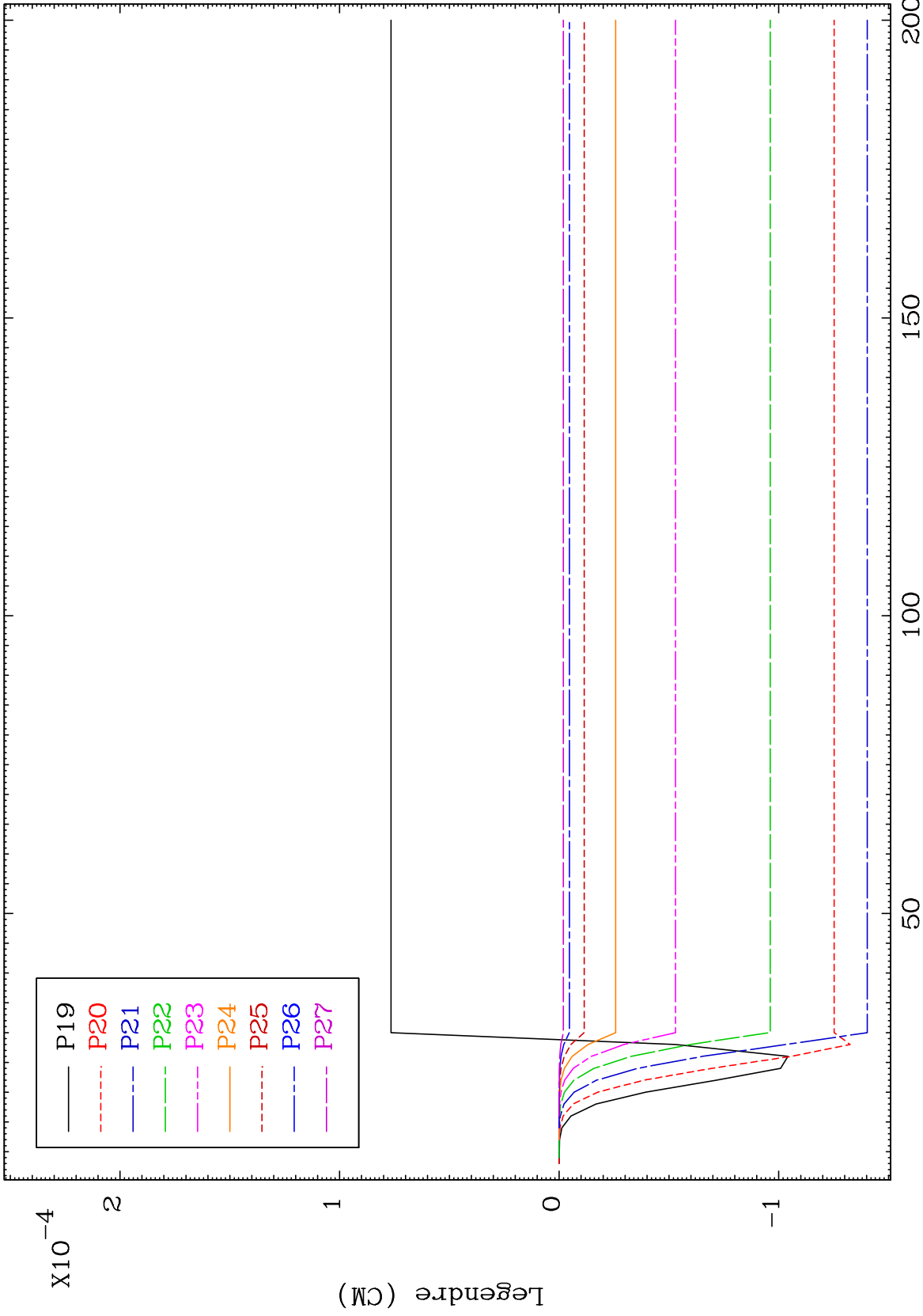
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



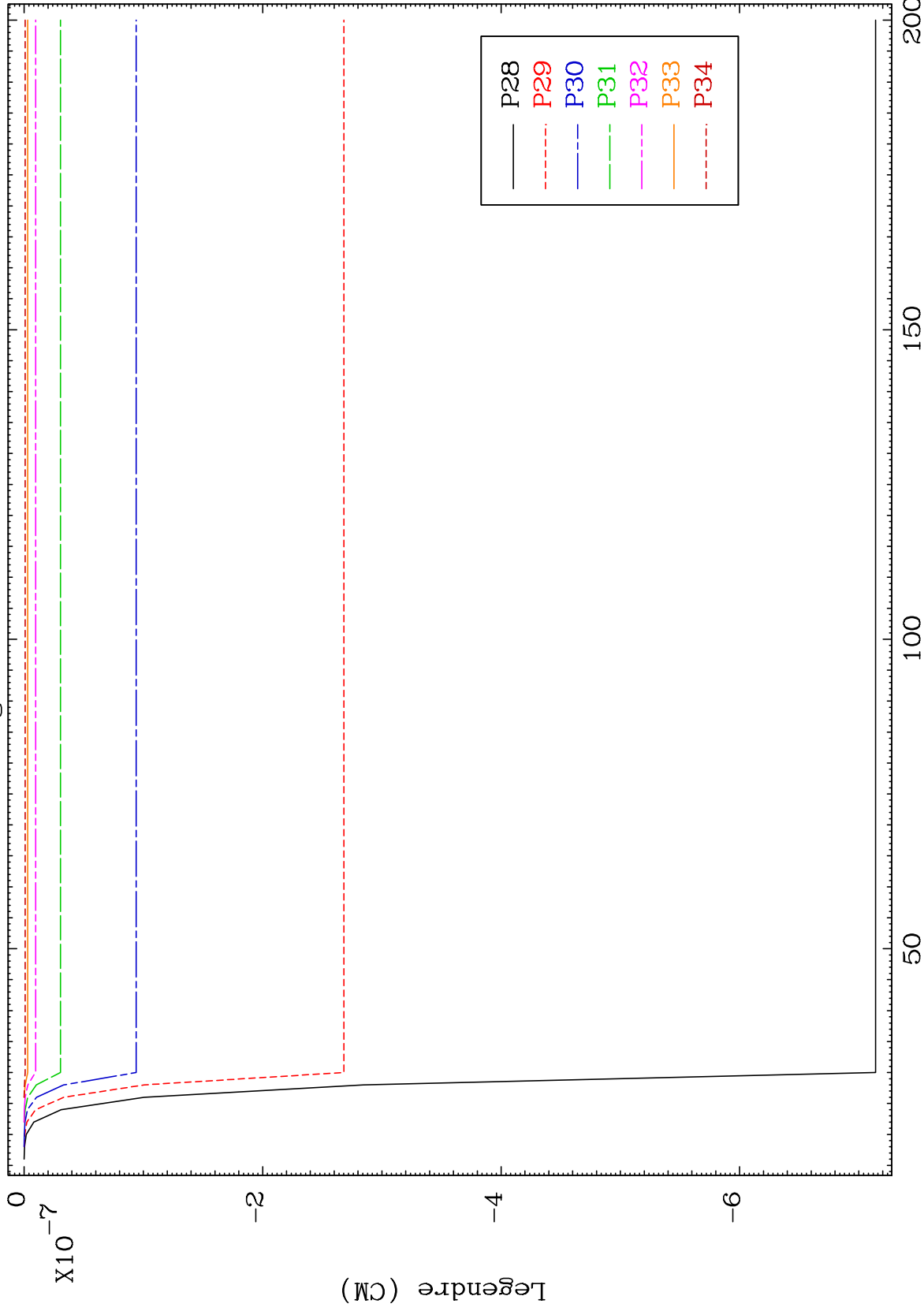
96

54-Xe-126

MAT 5431

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

54-Xe-126



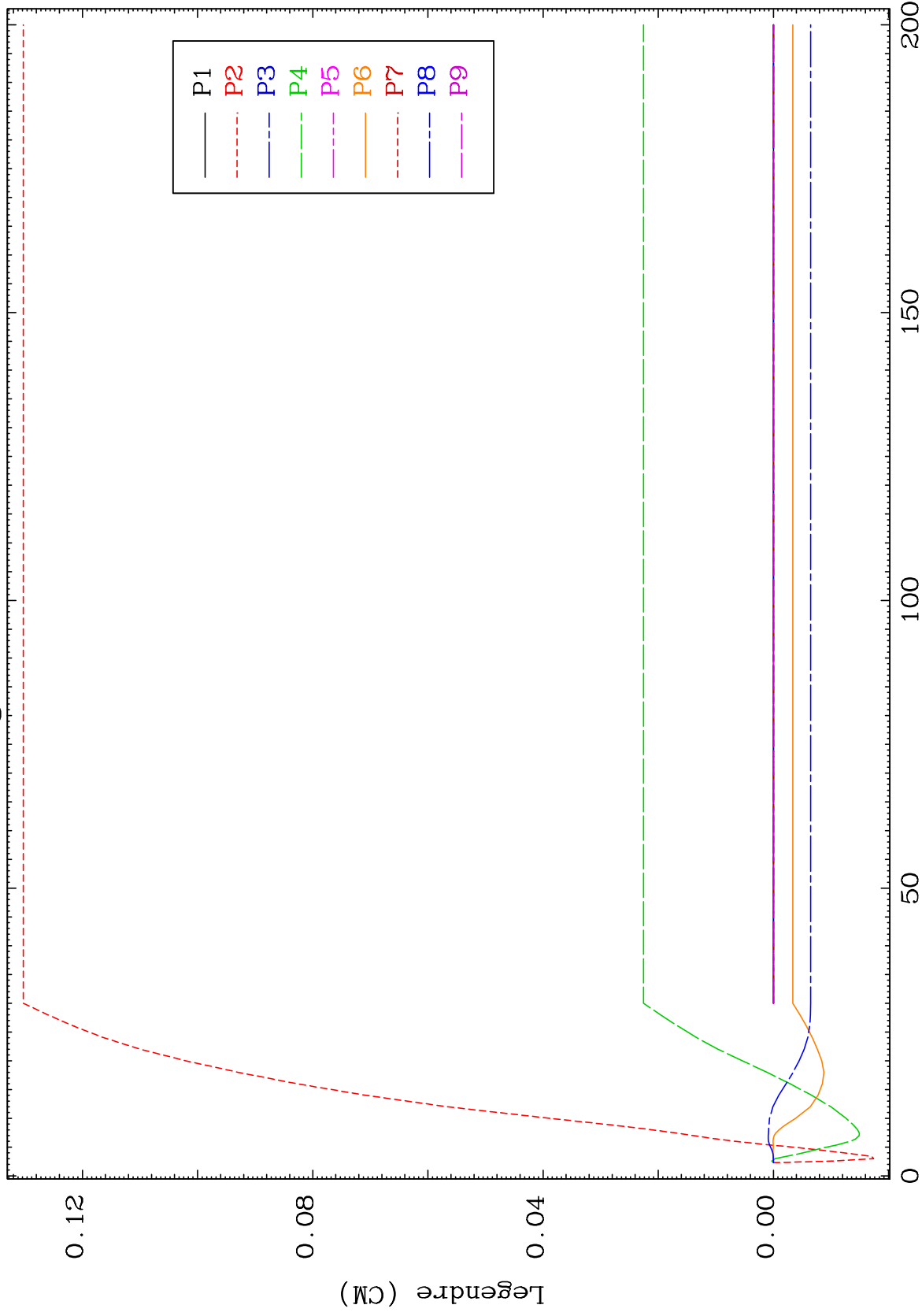
97

54-Xe-126

MAT 5431

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

54-Xe-126



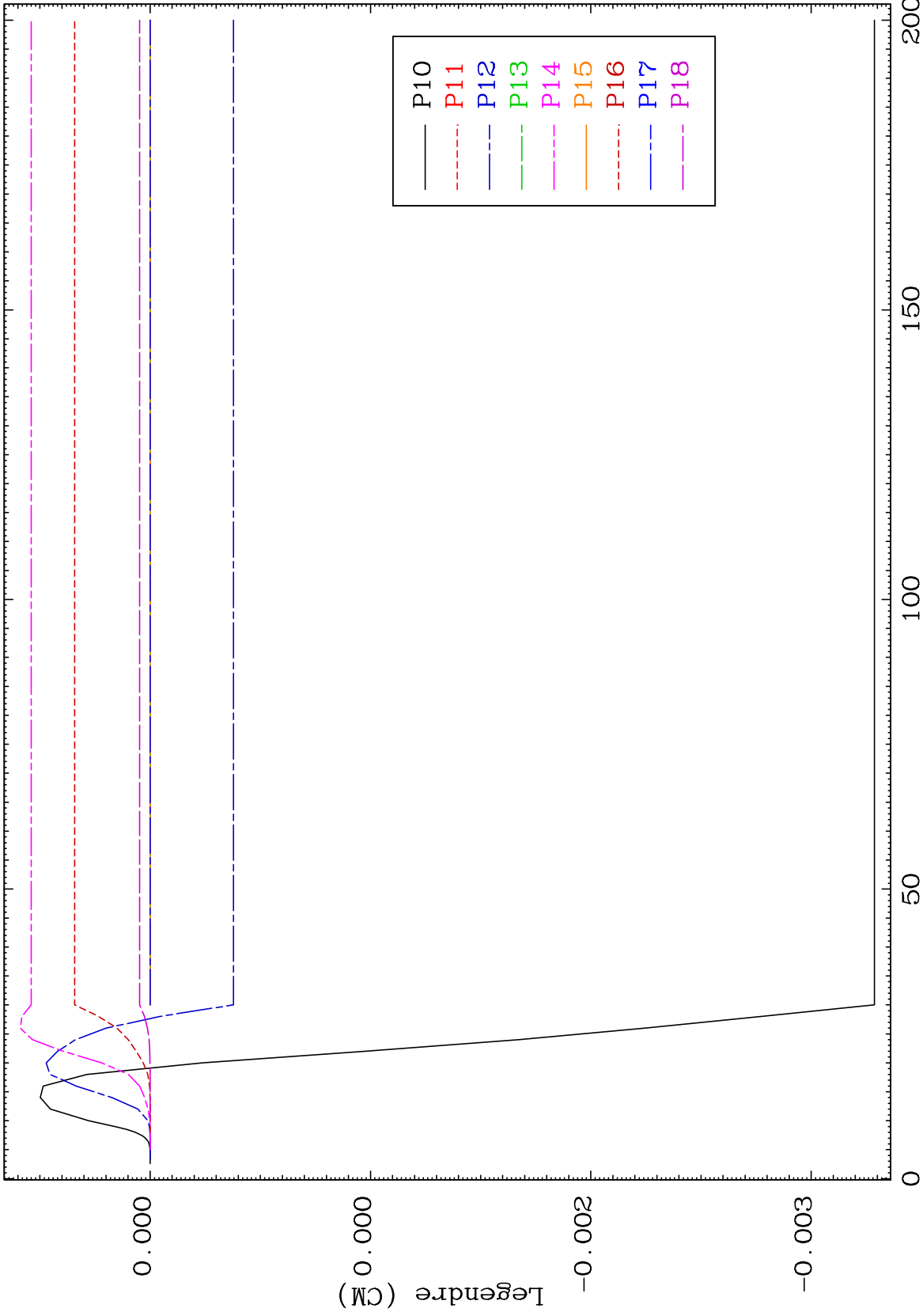
98

54-Xe-126

MAT 5431

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

54-Xe-126



99

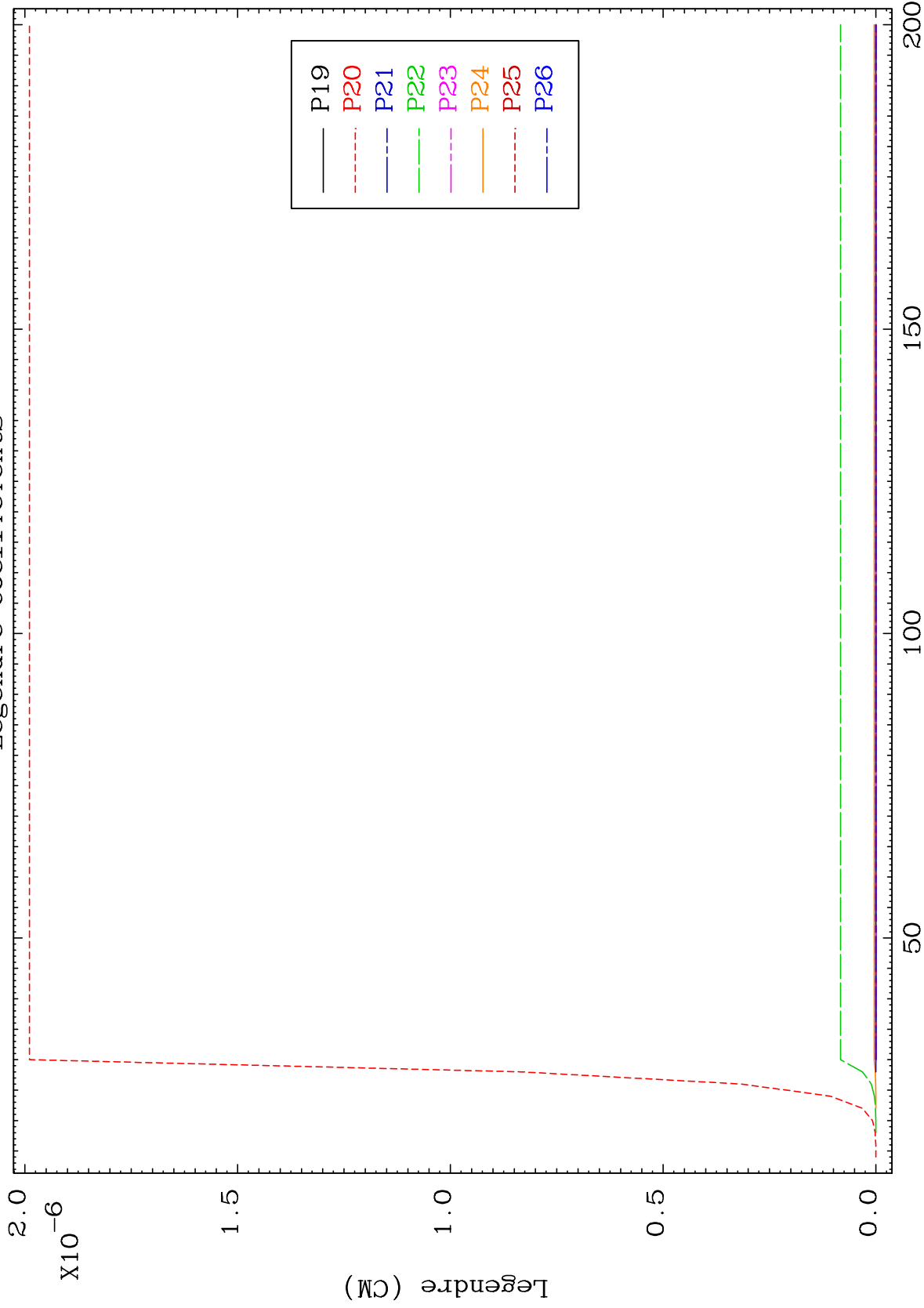
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

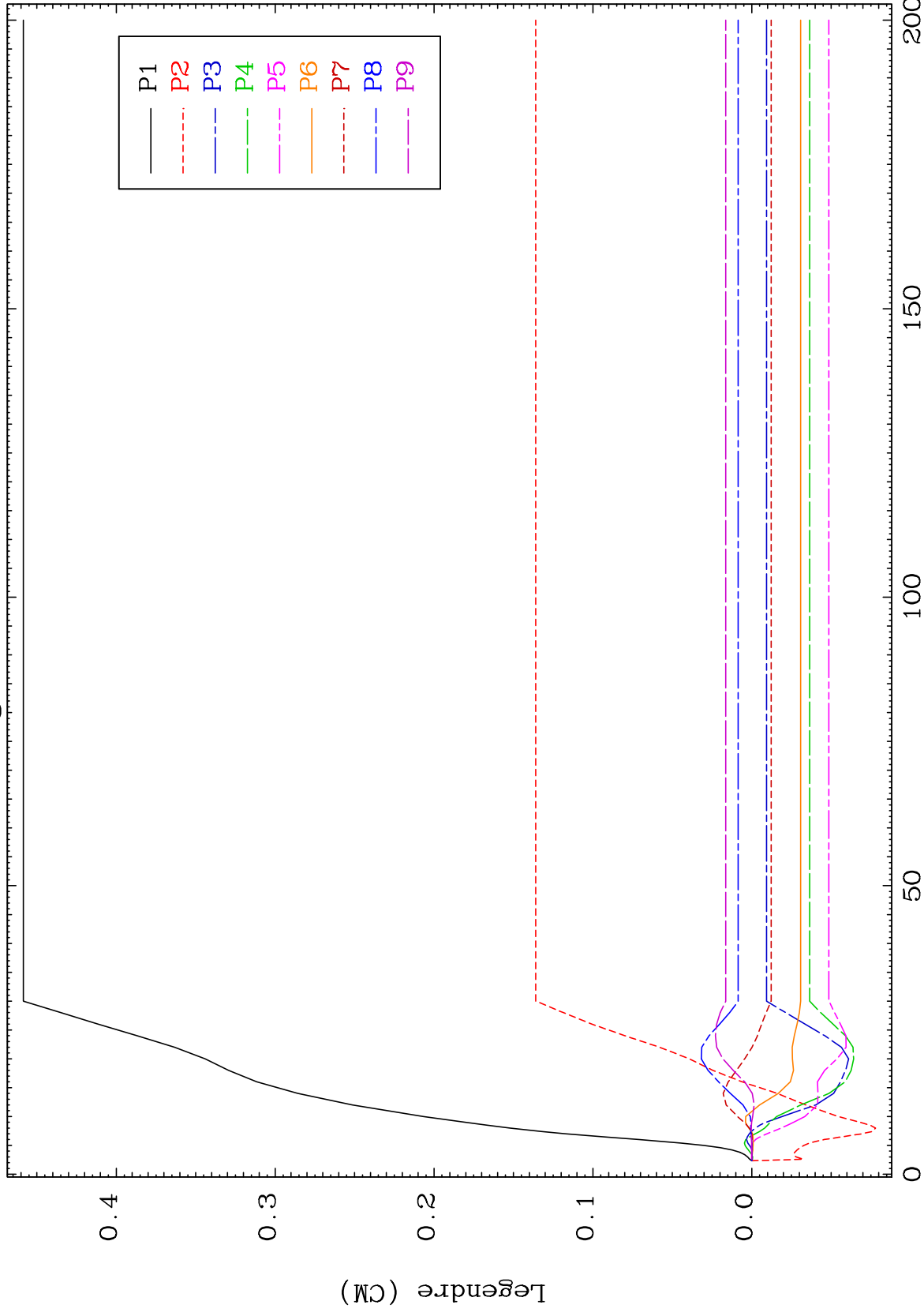
Incident Energy (MeV)

100

MAT 5431

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

54-Xe-126



101

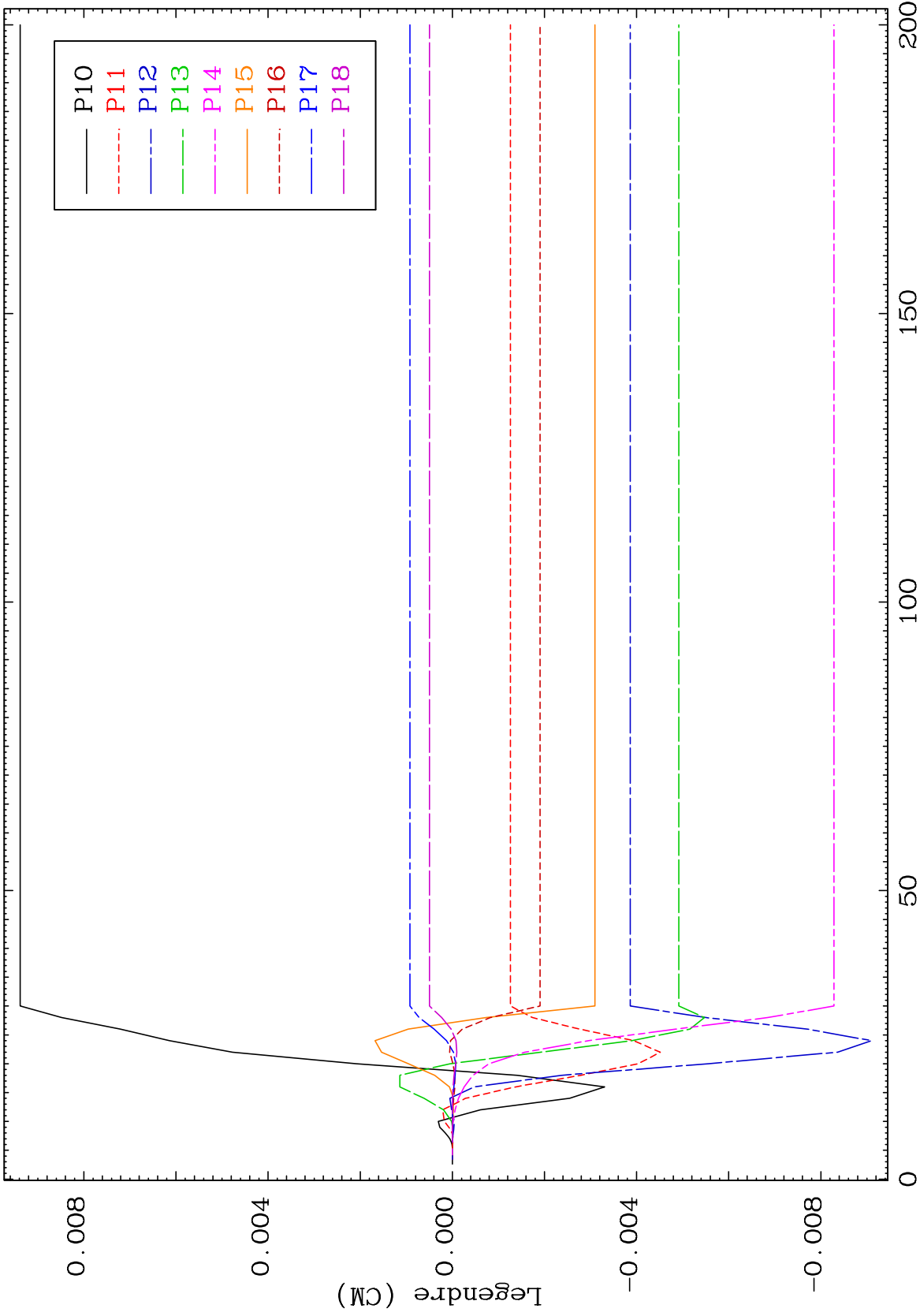
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



102

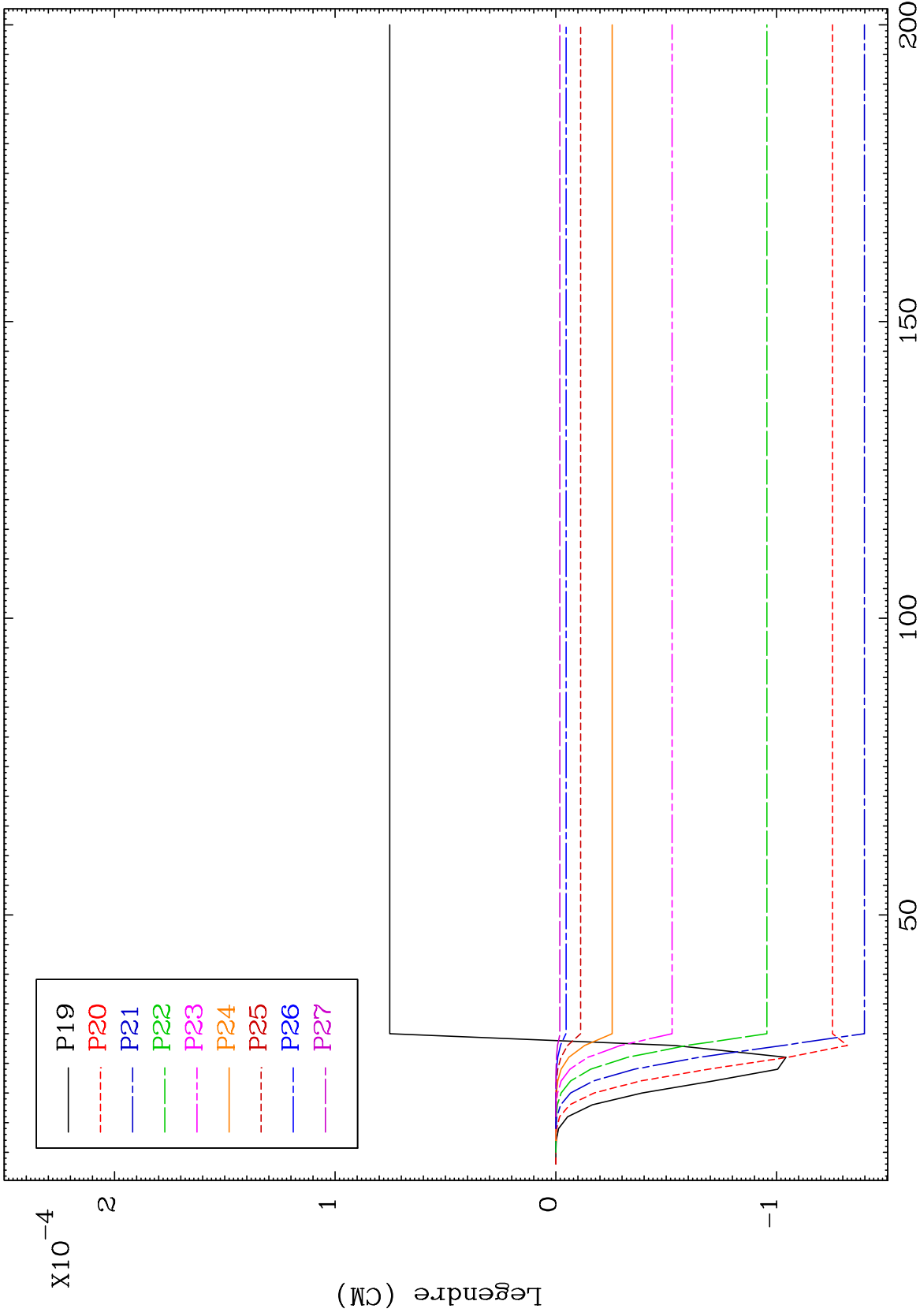
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



103

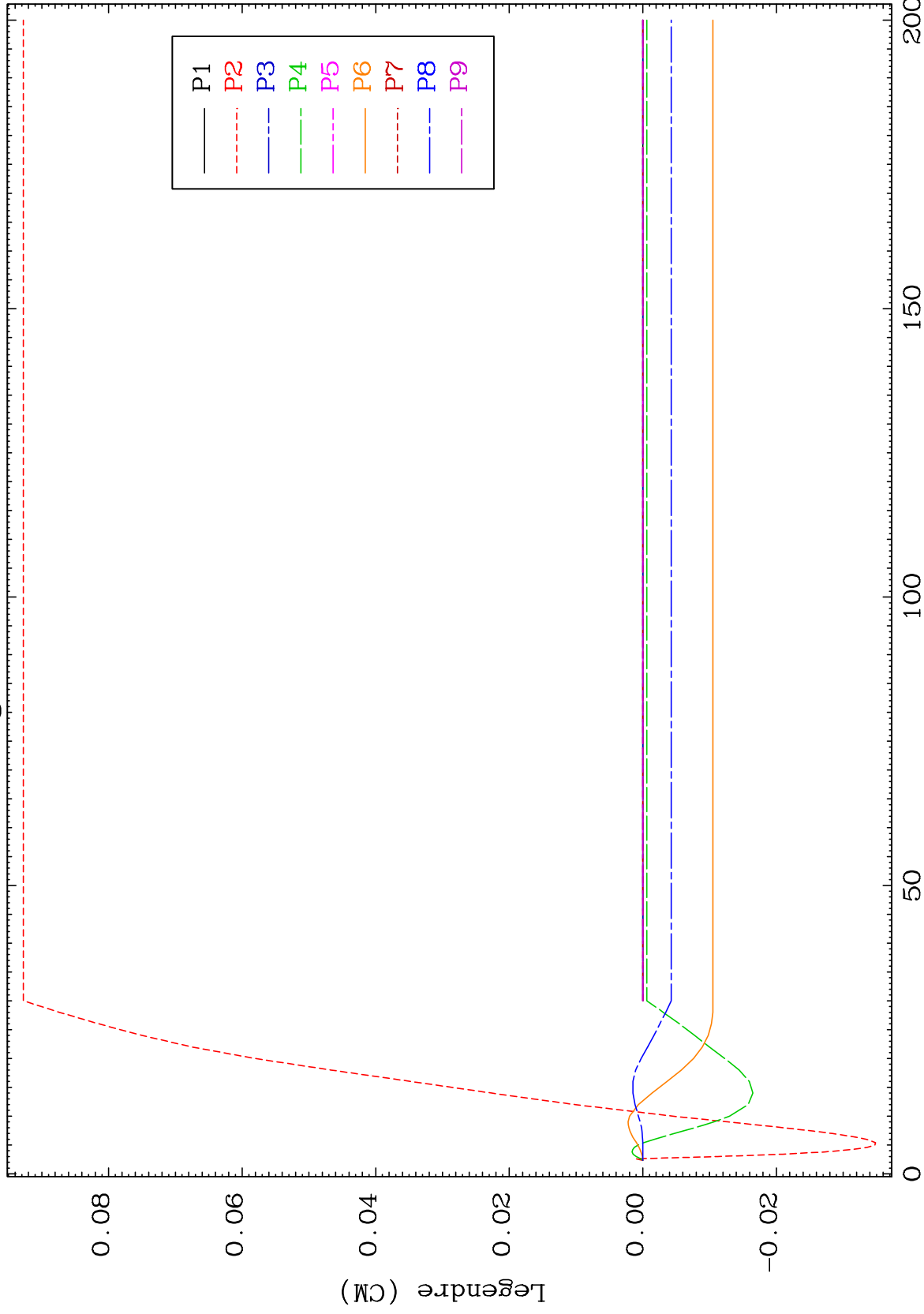
54-Xe-126



MAT 5431

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

54-Xe-126



105

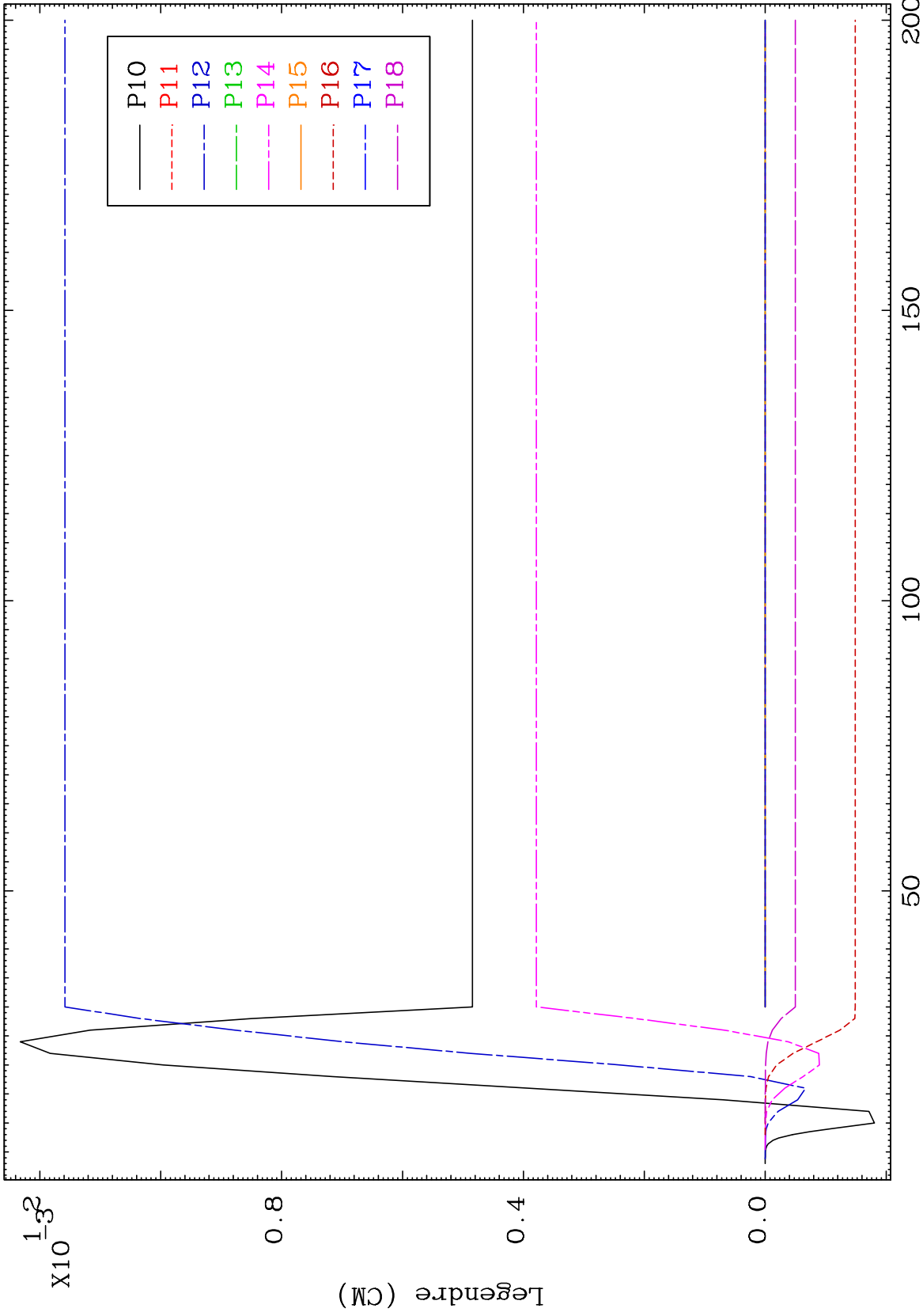
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



106

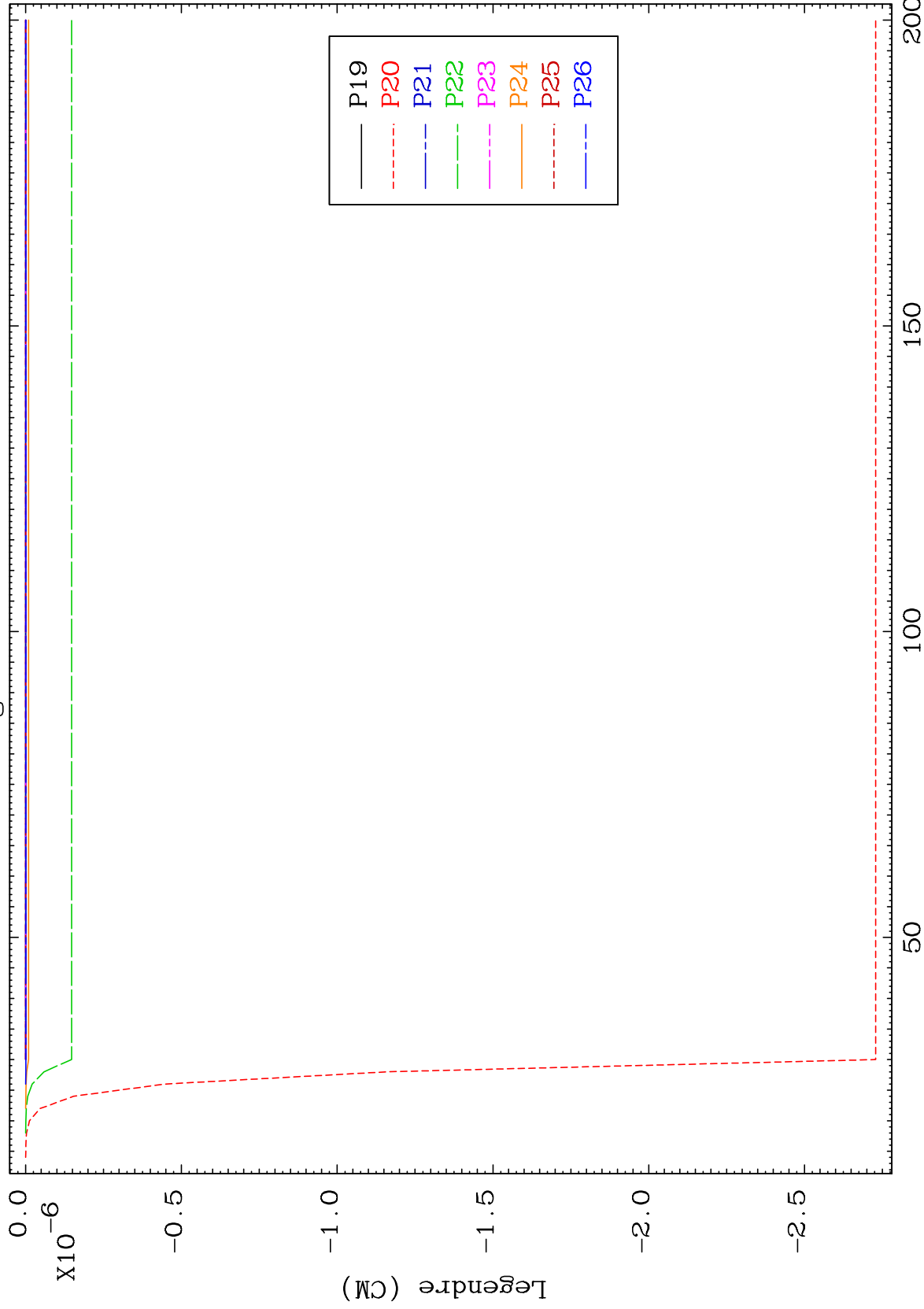
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



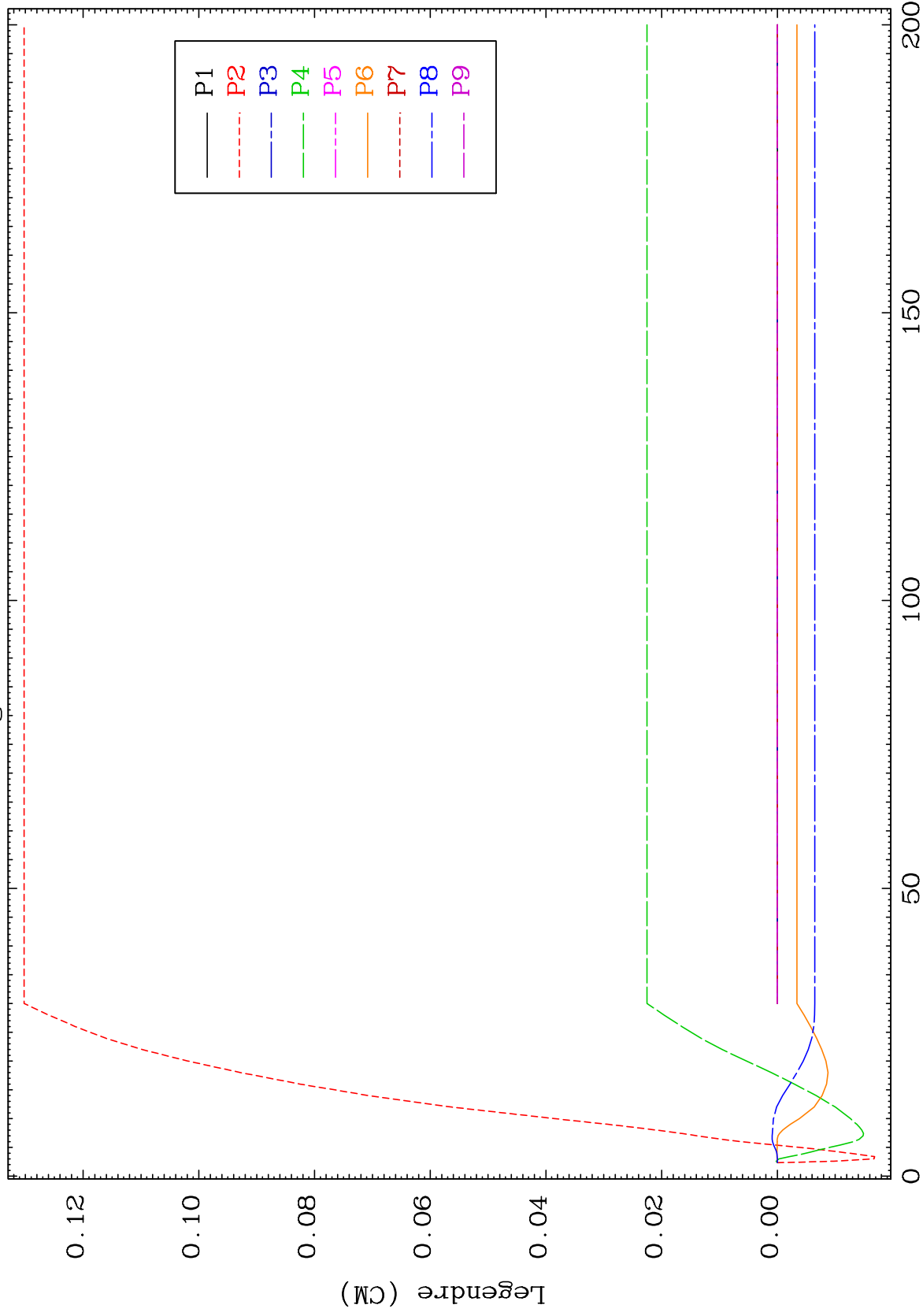
107

54-Xe-126

MAT 5431

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

54-Xe-126



108

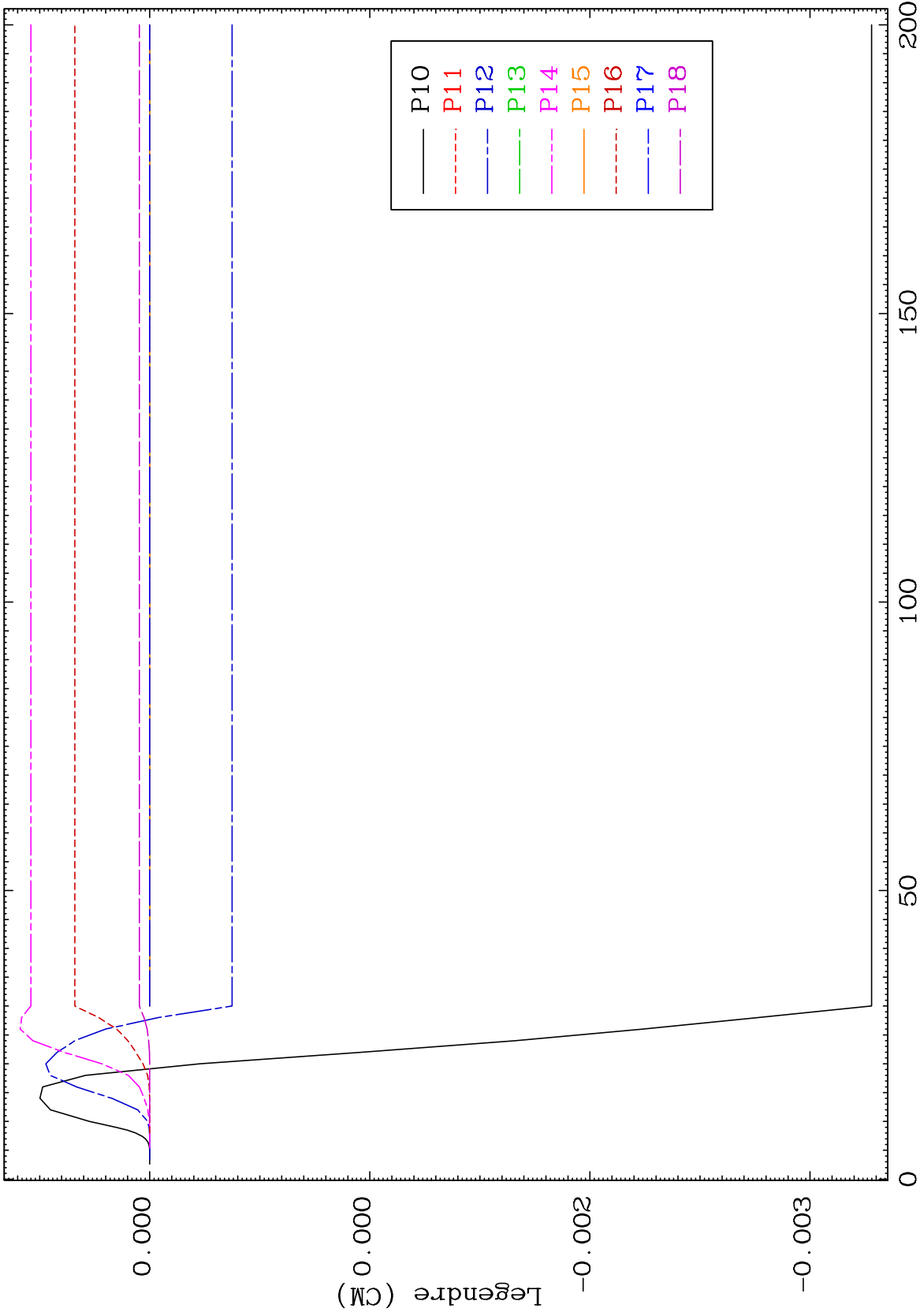
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



109

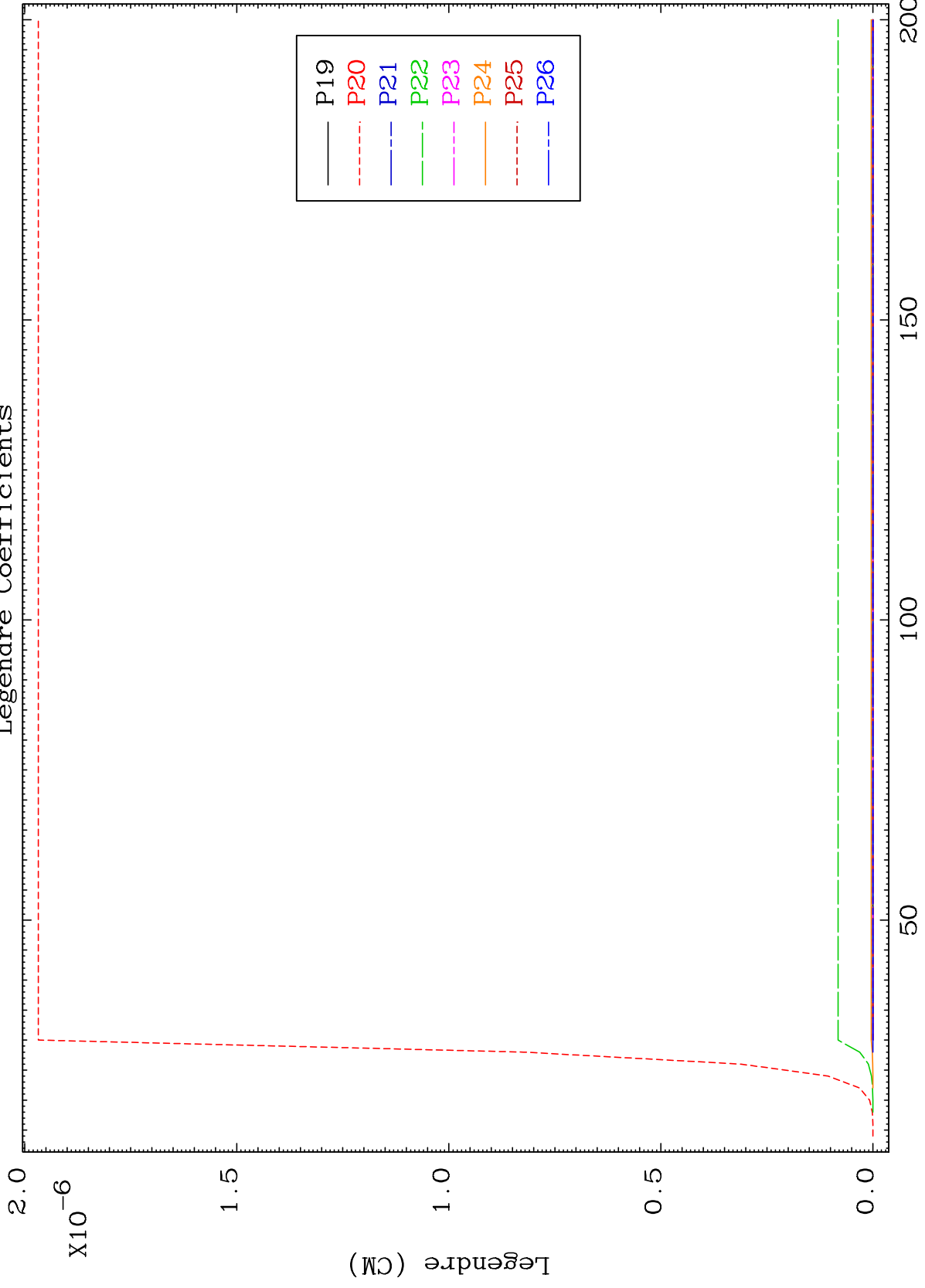
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

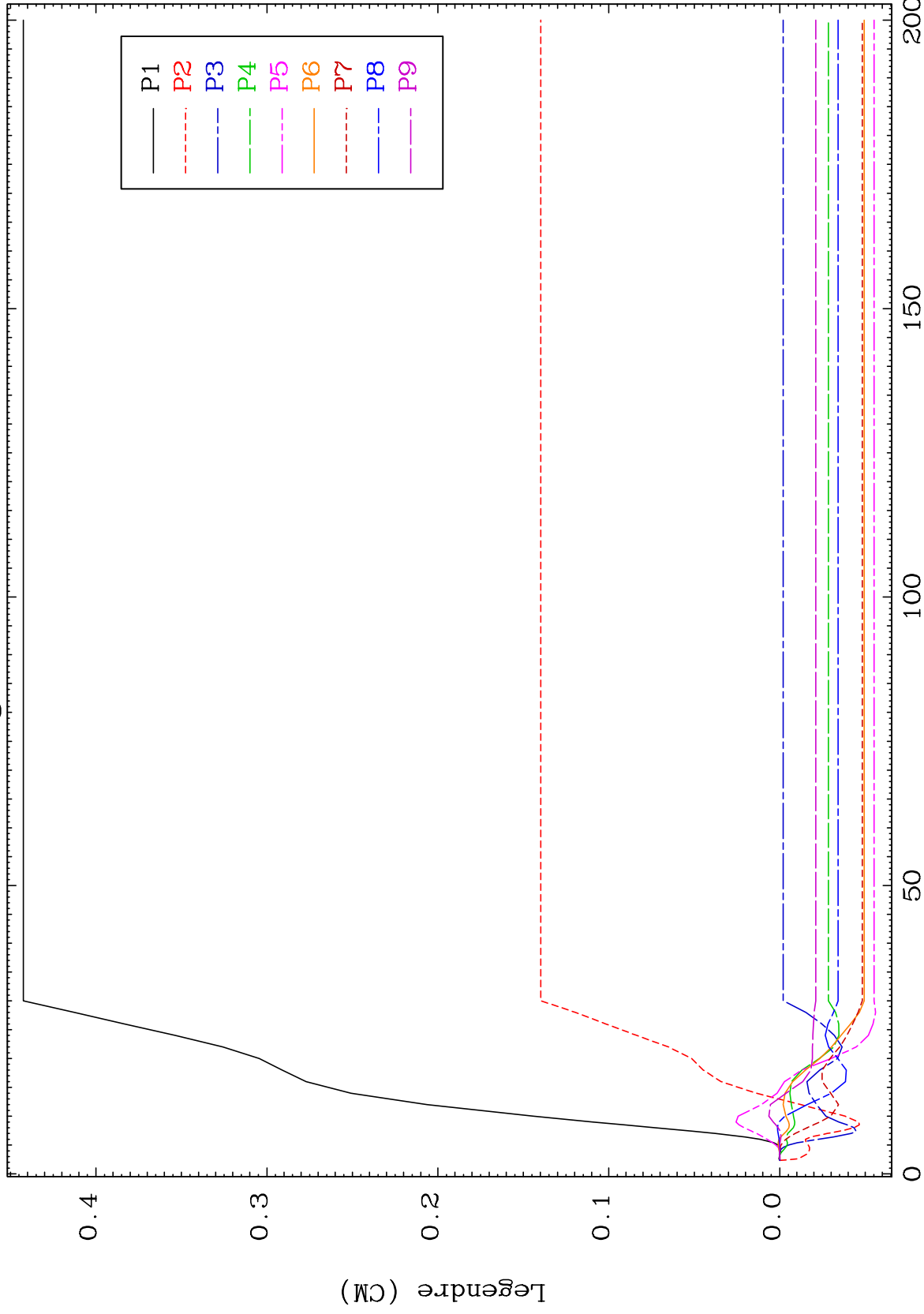
Incident Energy (MeV)

110

MAT 5431

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

54-Xe-126



111

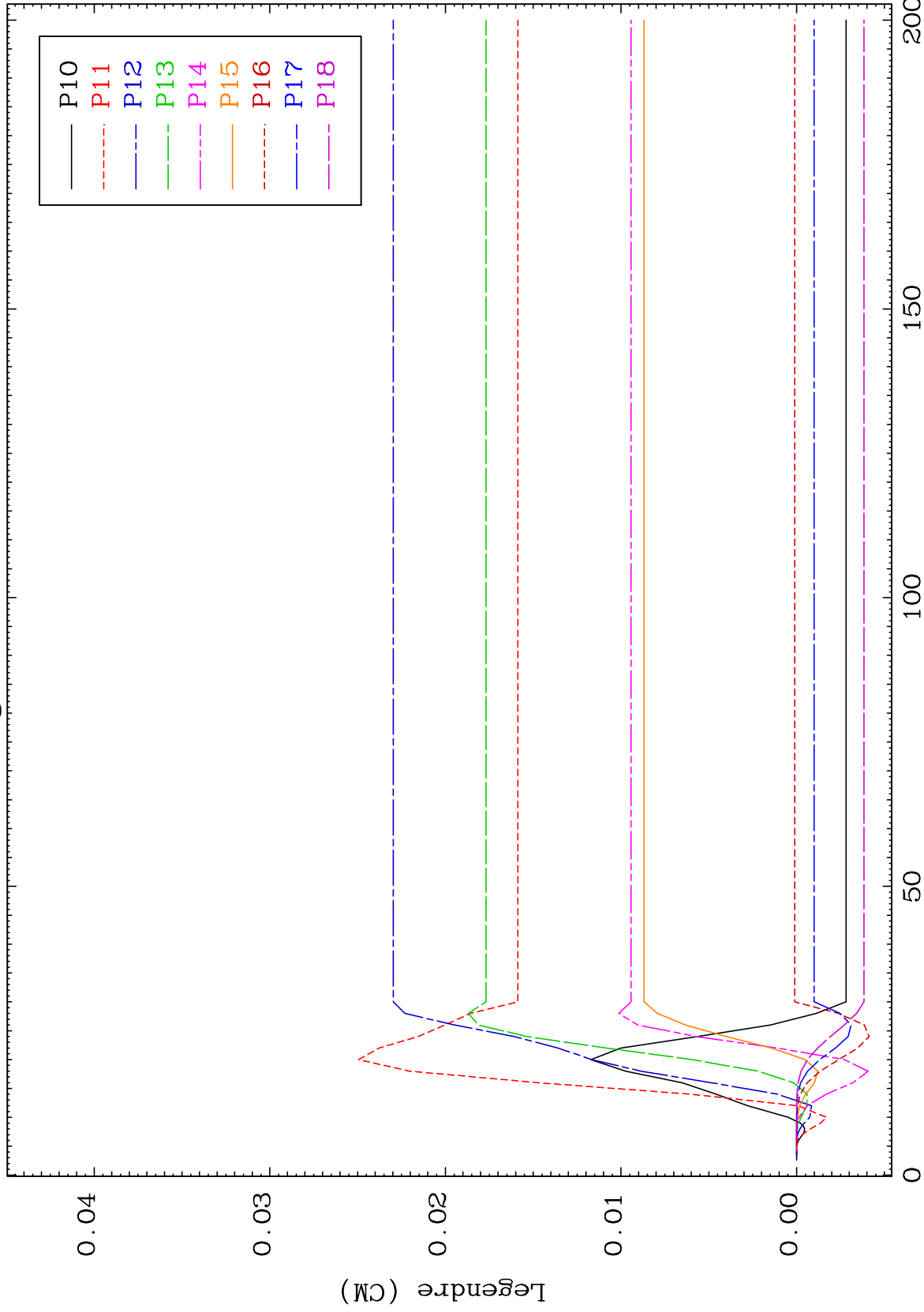
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



112

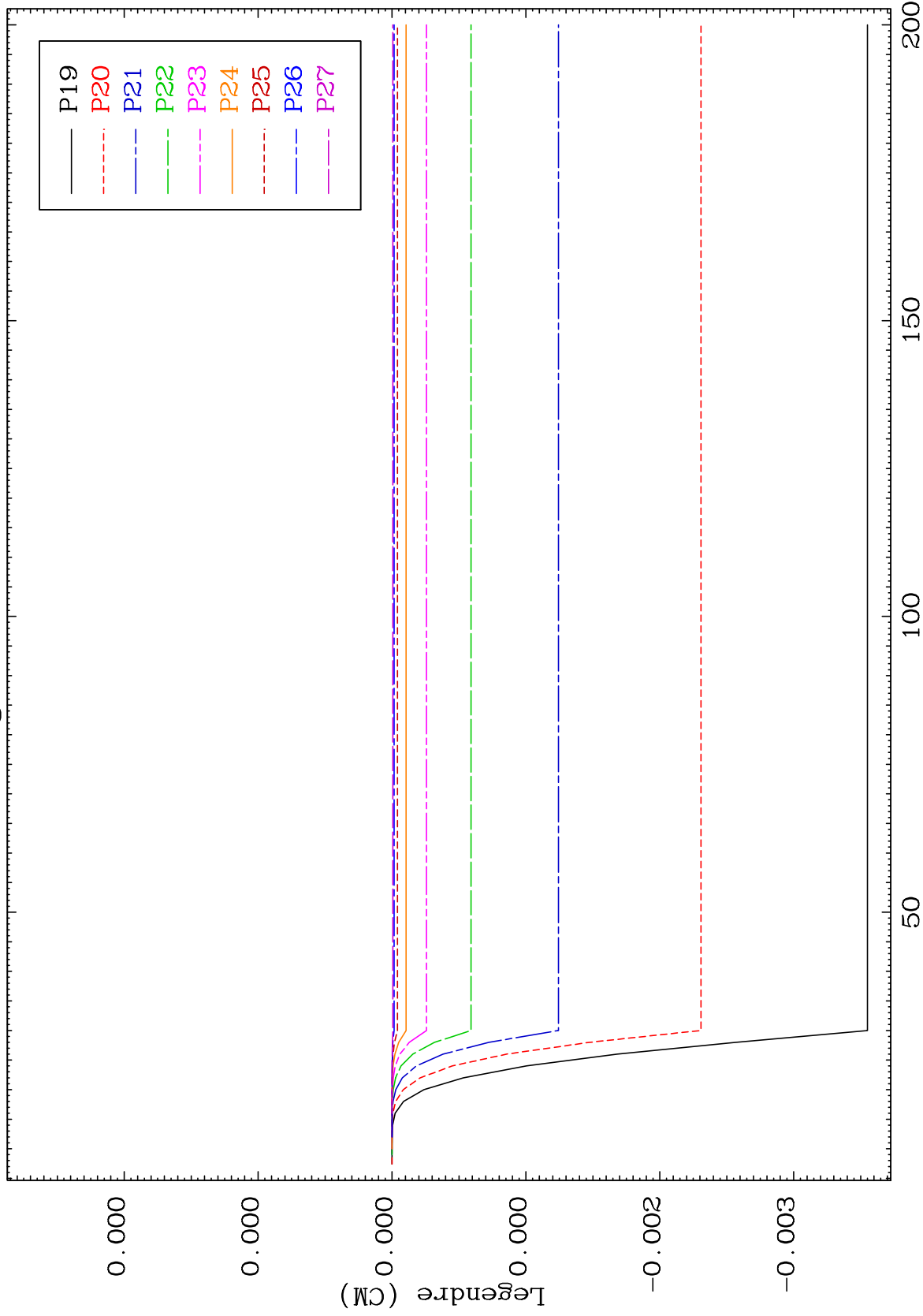
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



113

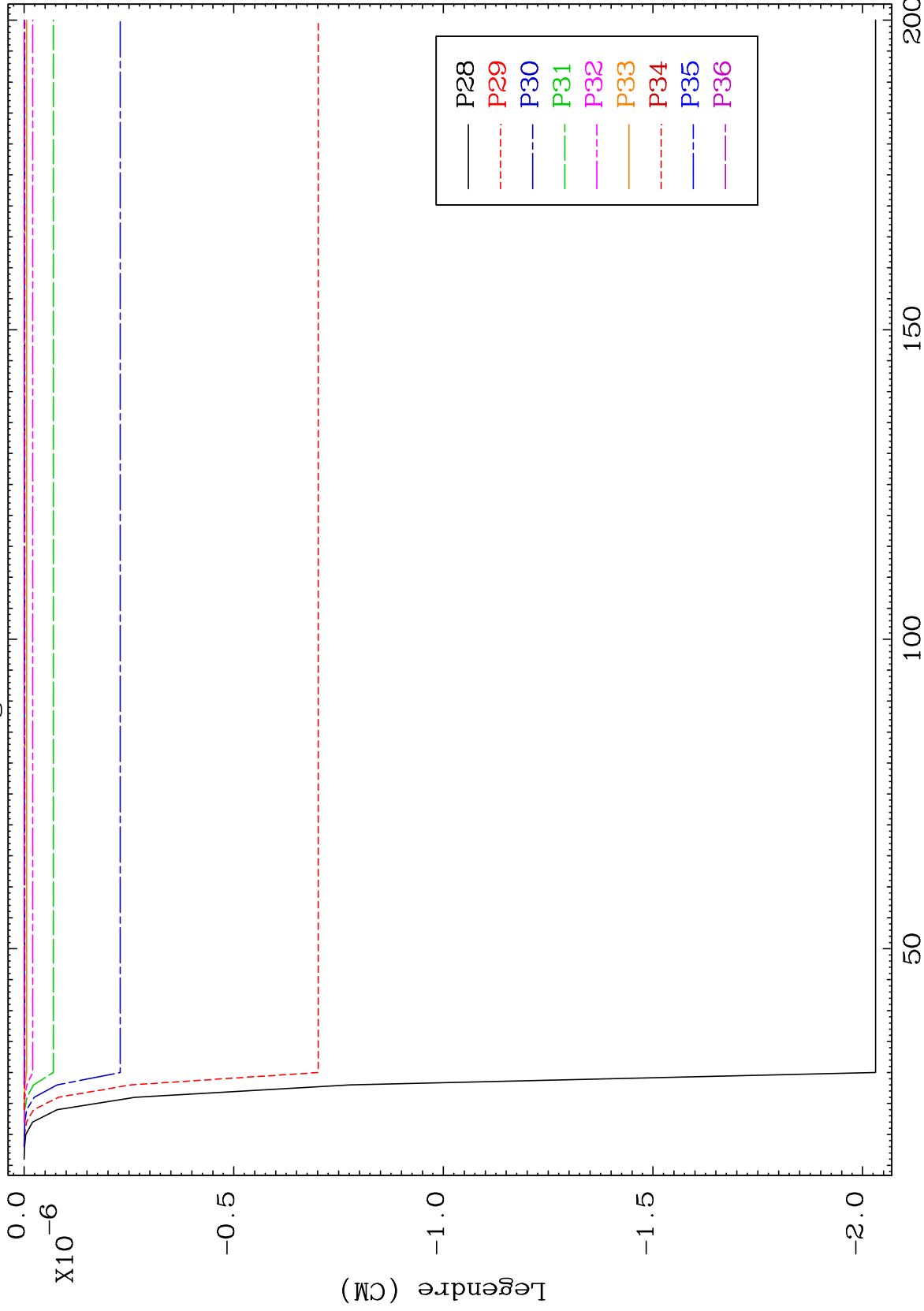
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



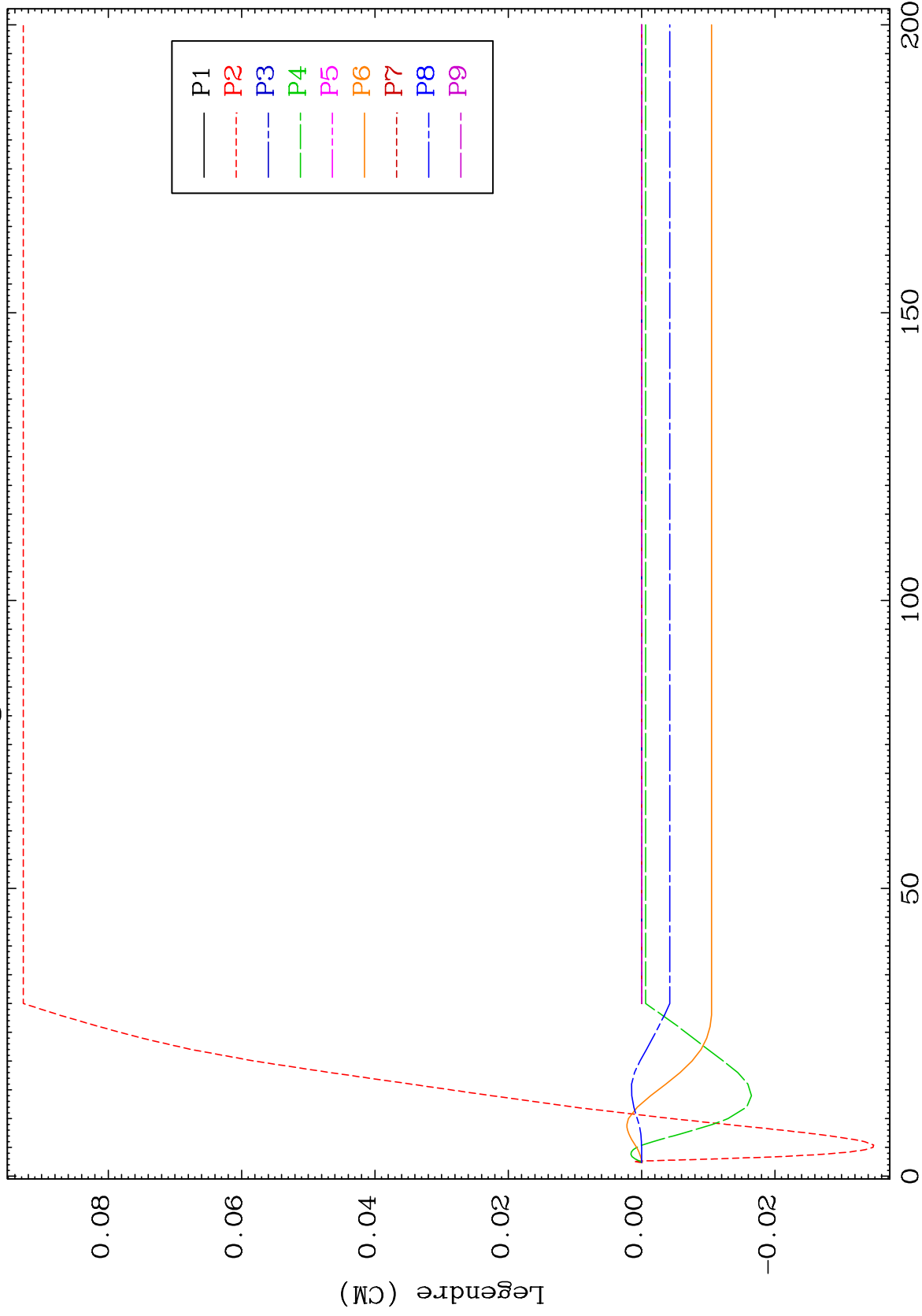
114

54-Xe-126

MAT 5431

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

54-Xe-126



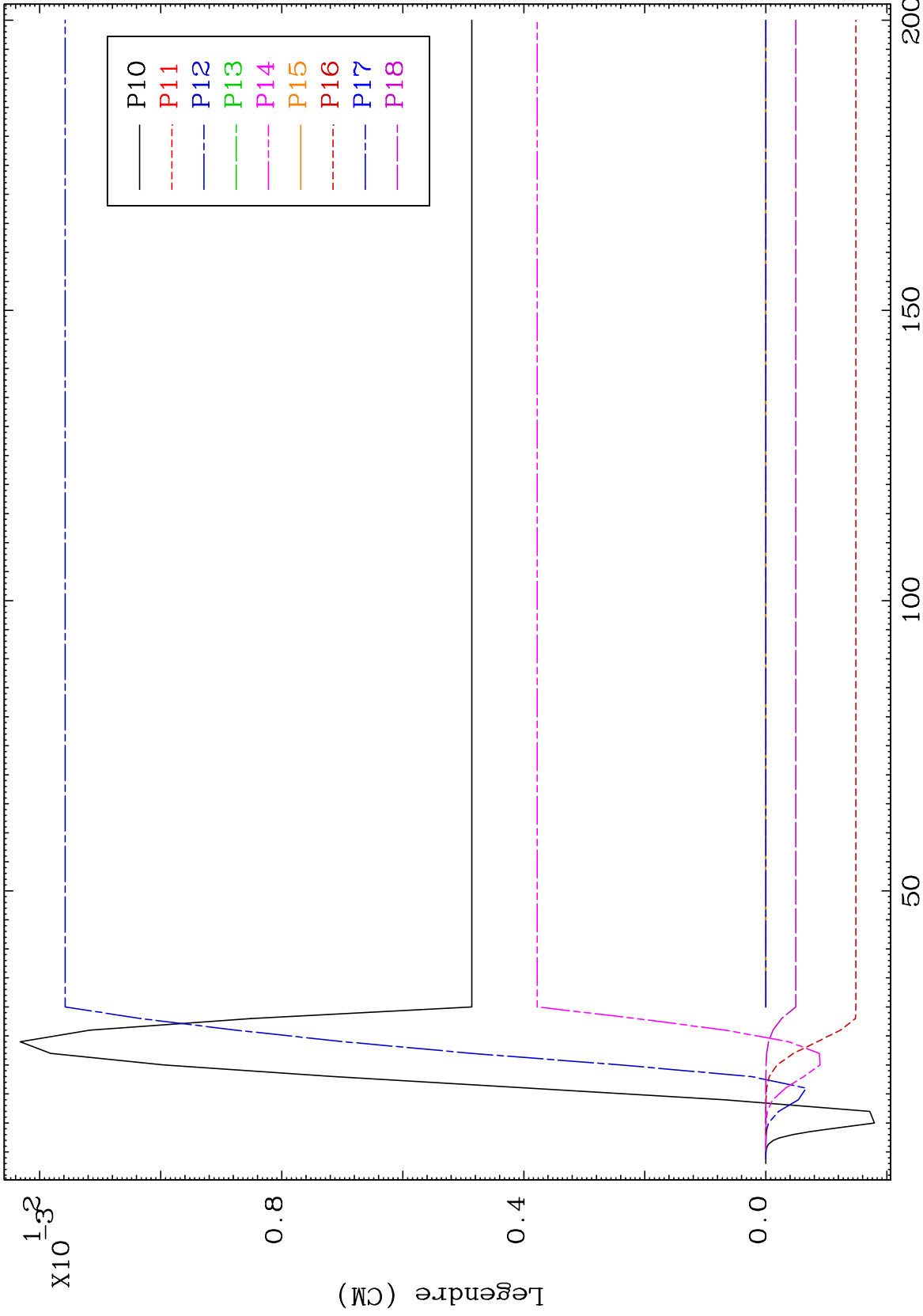
115

54-Xe-126

MAT 5431

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

54-Xe-126



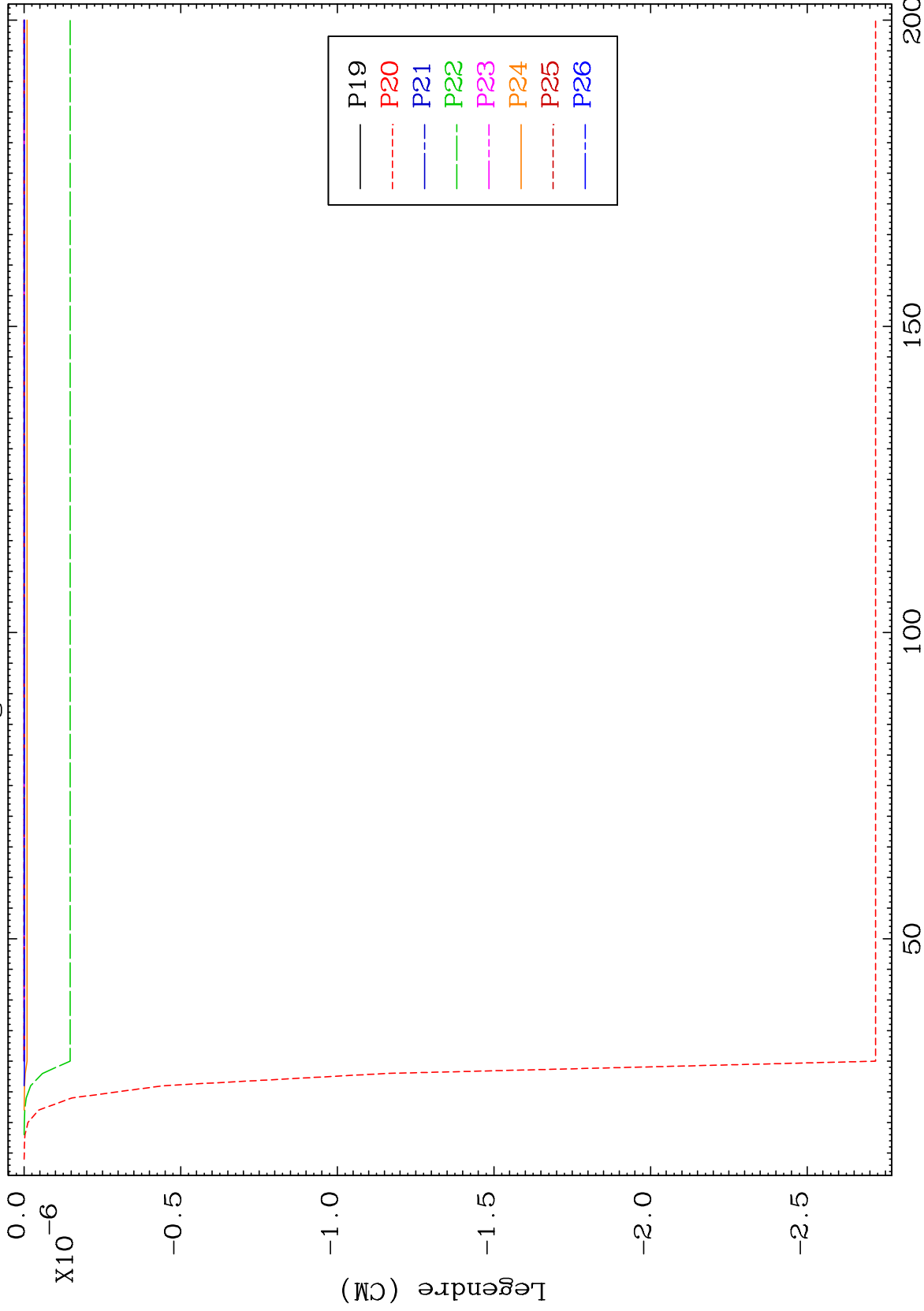
116

54-Xe-126

MAT 5431

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

54-Xe-126



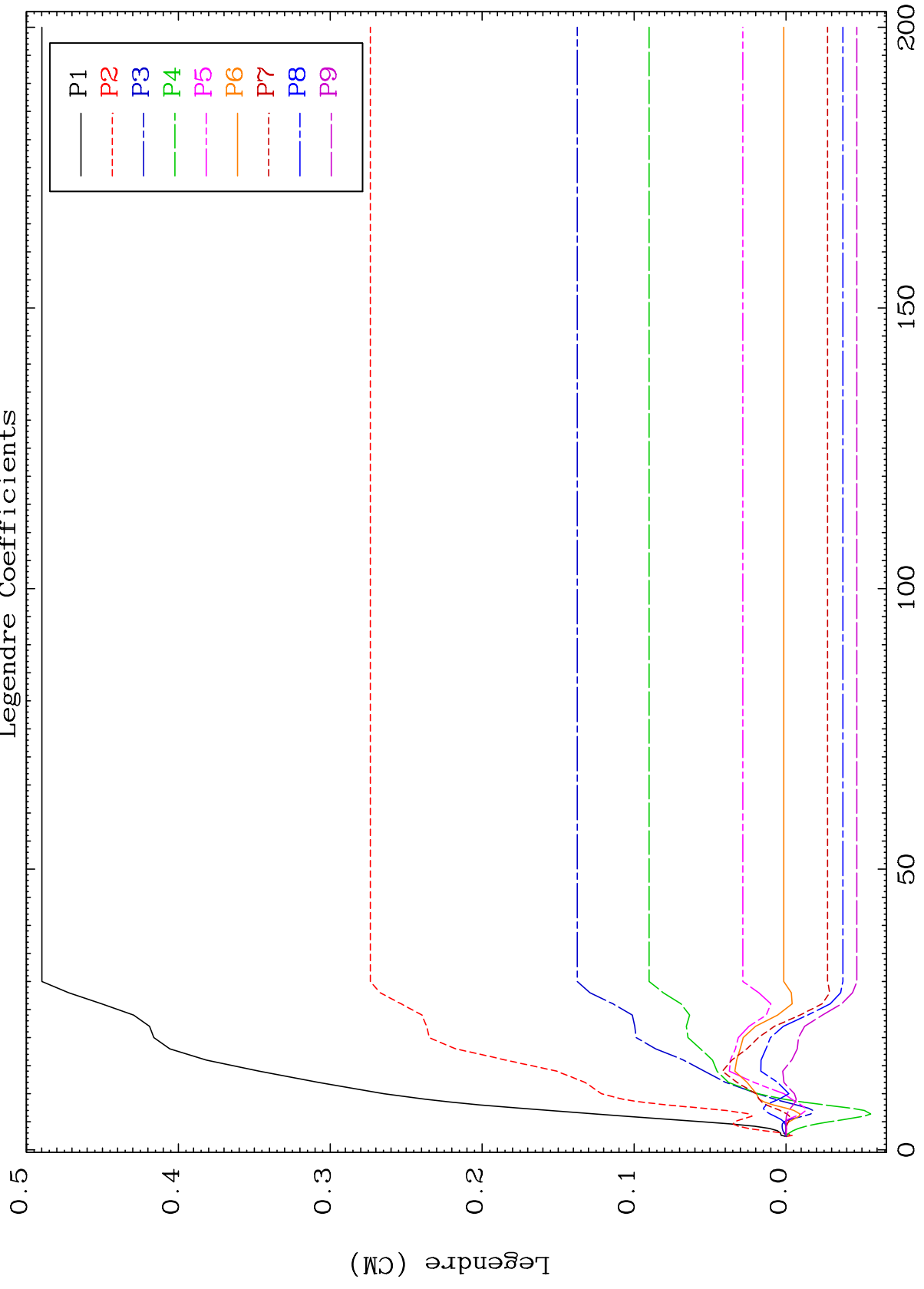
117

54-Xe-126

MAT 5431

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

54-Xe-126



118

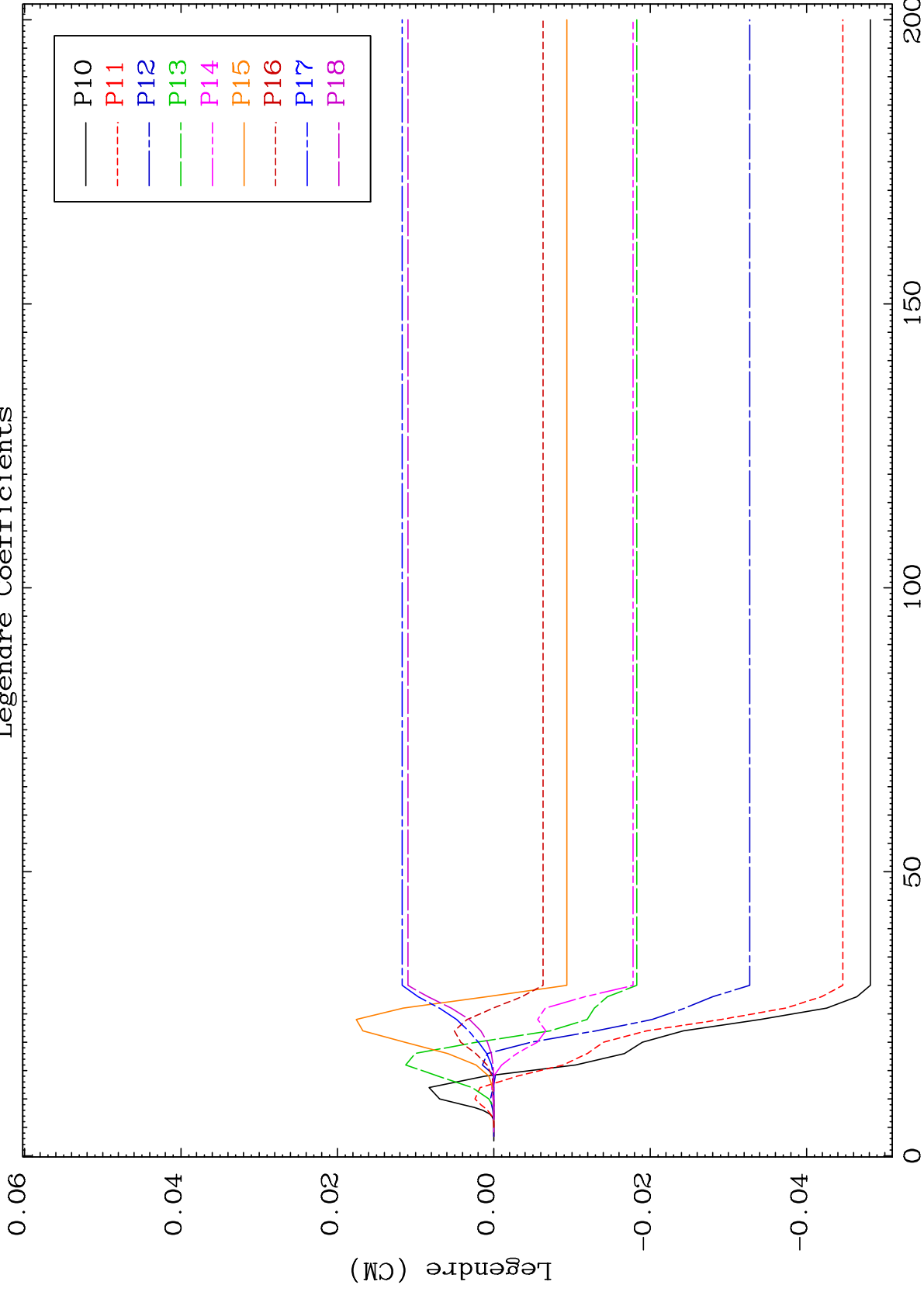
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



119

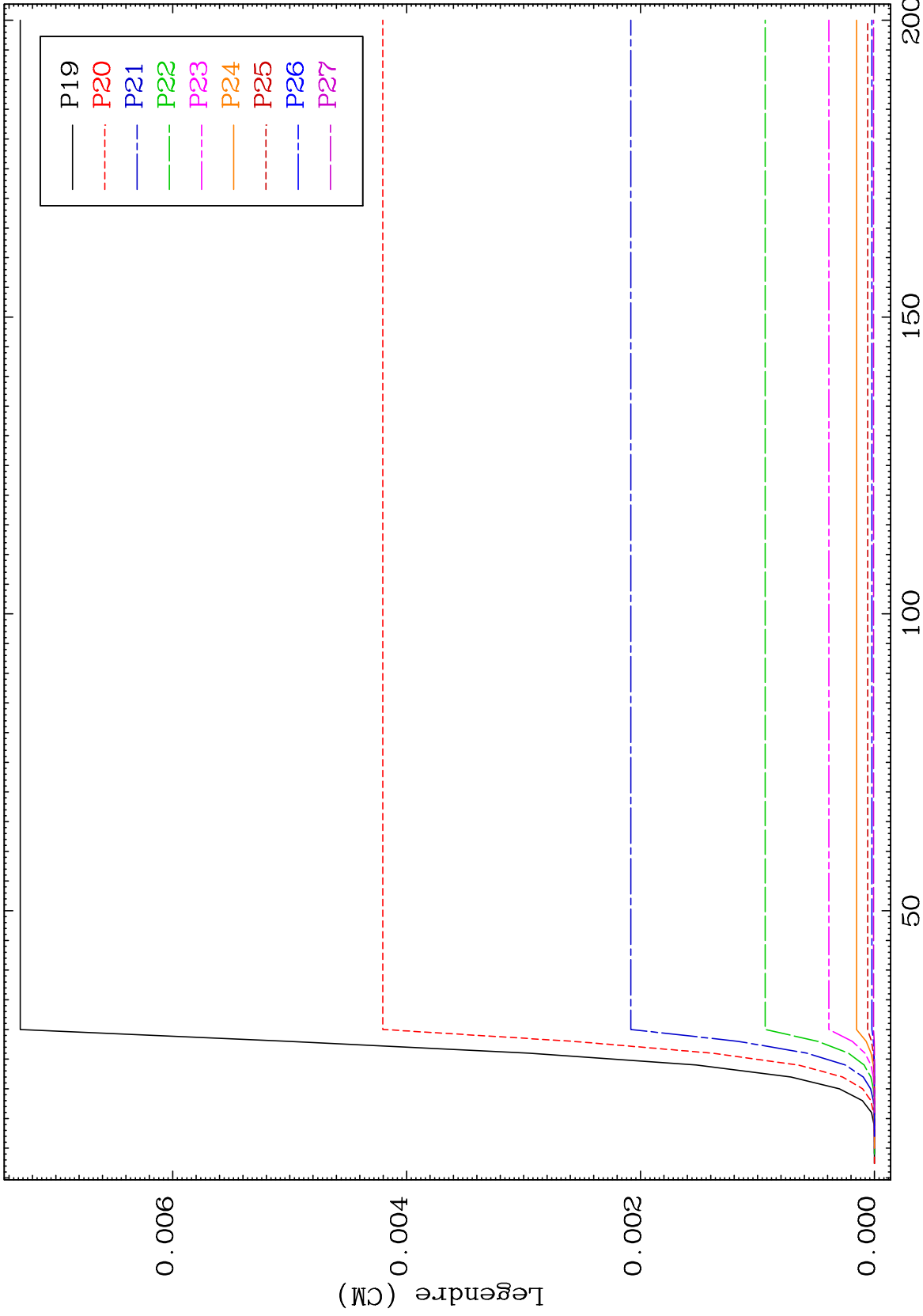
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

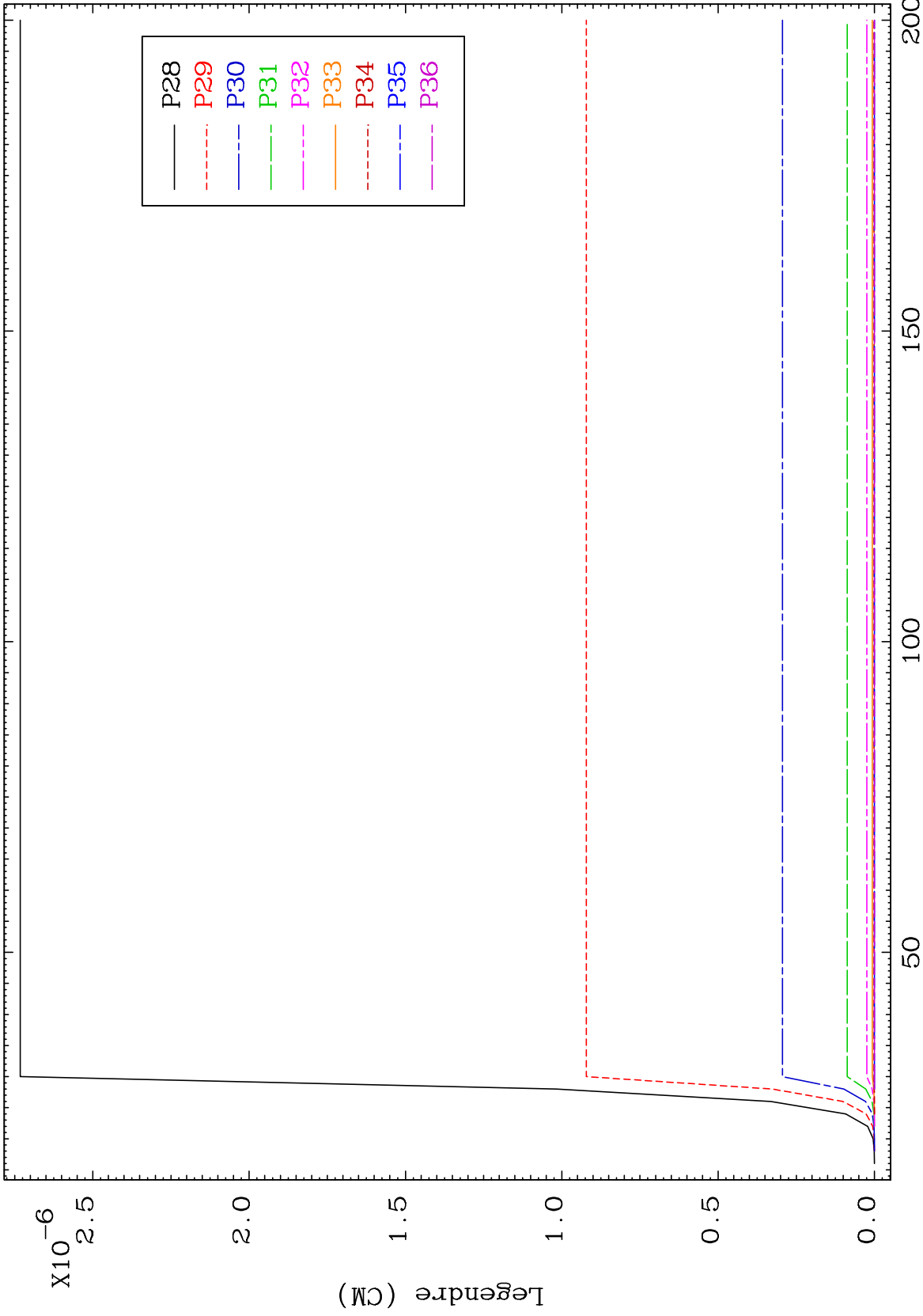
Incident Energy (MeV)

Legendre (CM)

MAT 5431

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

54-Xe-126



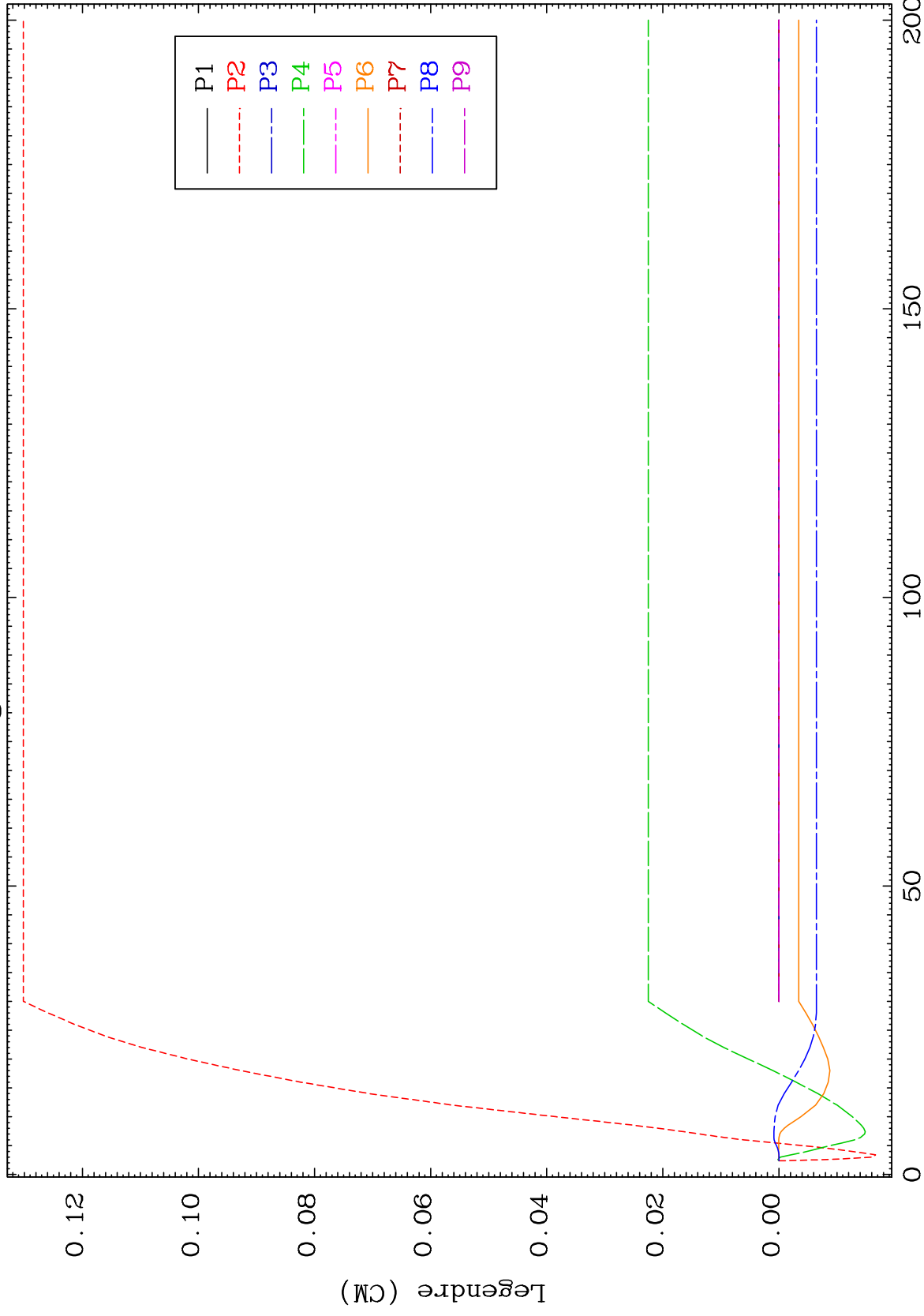
121

54-Xe-126

MAT 5431

MT= 79 (n,n') Level  
Legendre Coefficients

54-Xe-126



122

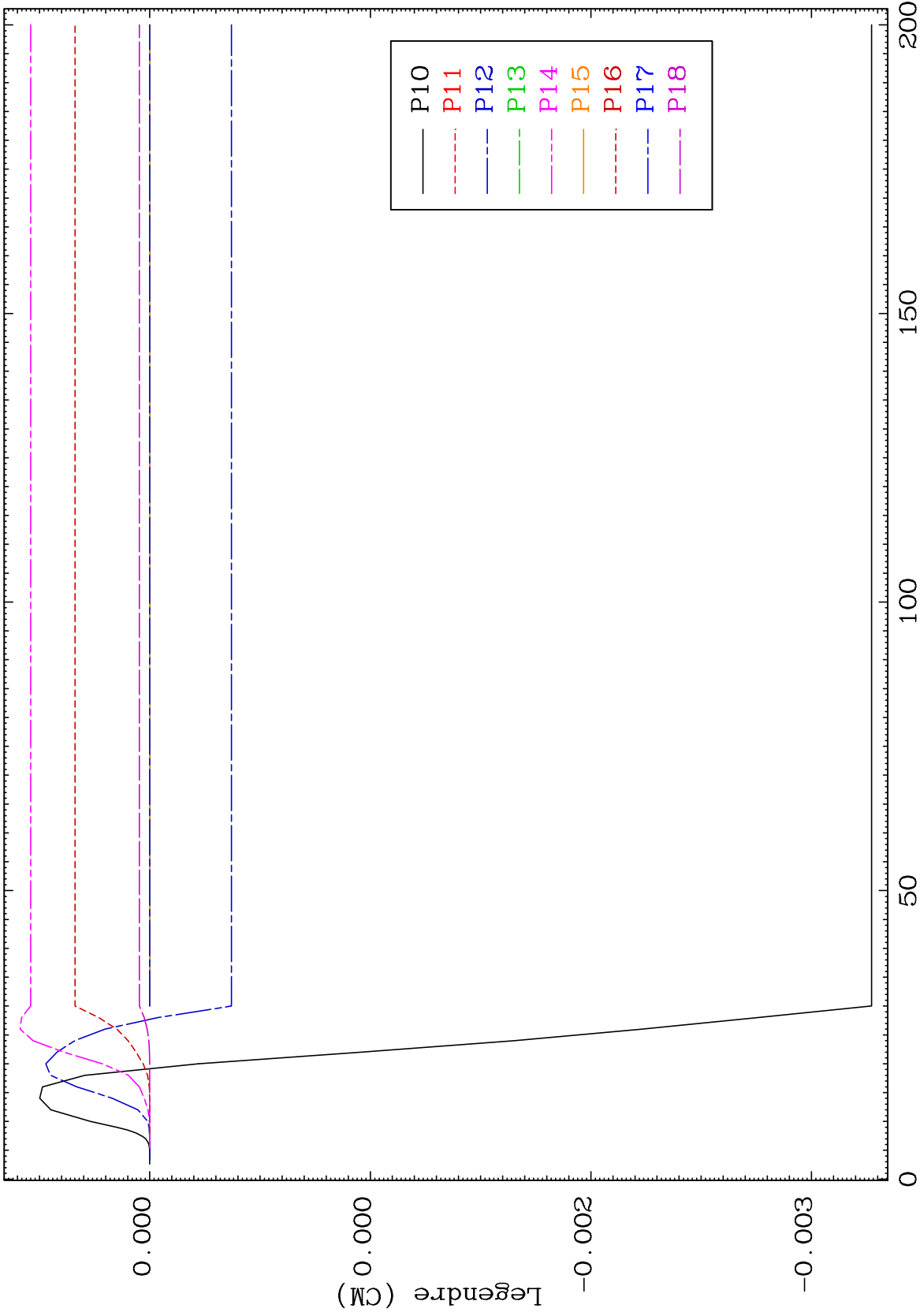
Incident Energy (MeV)

54-Xe-126

MAT 5431

MT= 79 (n,n') Level  
Legendre Coefficients

54-Xe-126



123

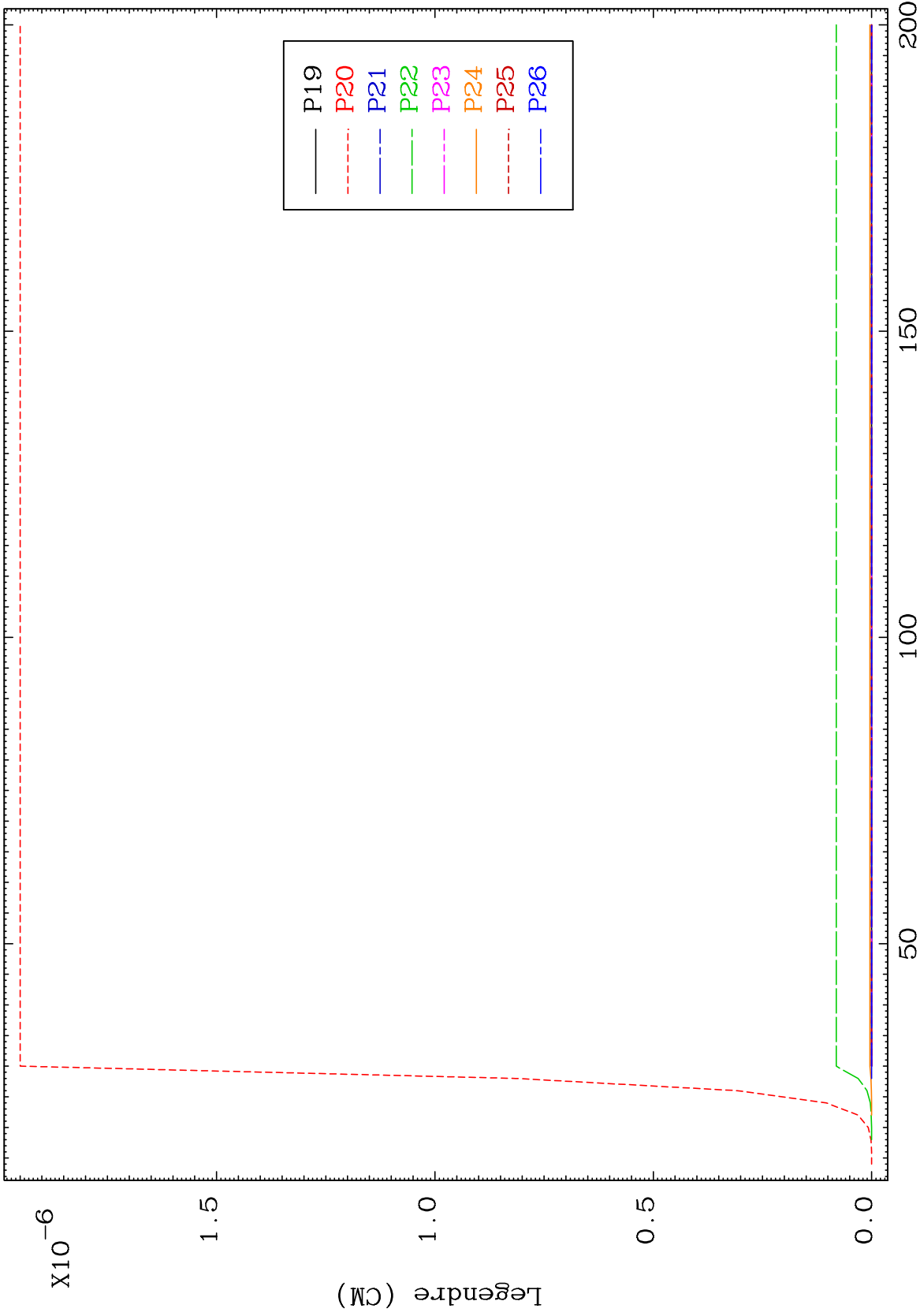
Incident Energy (MeV)

54-Xe-126

MAT 5431

MT= 79 (n,n') Level  
Legendre Coefficients

54-Xe-126



124

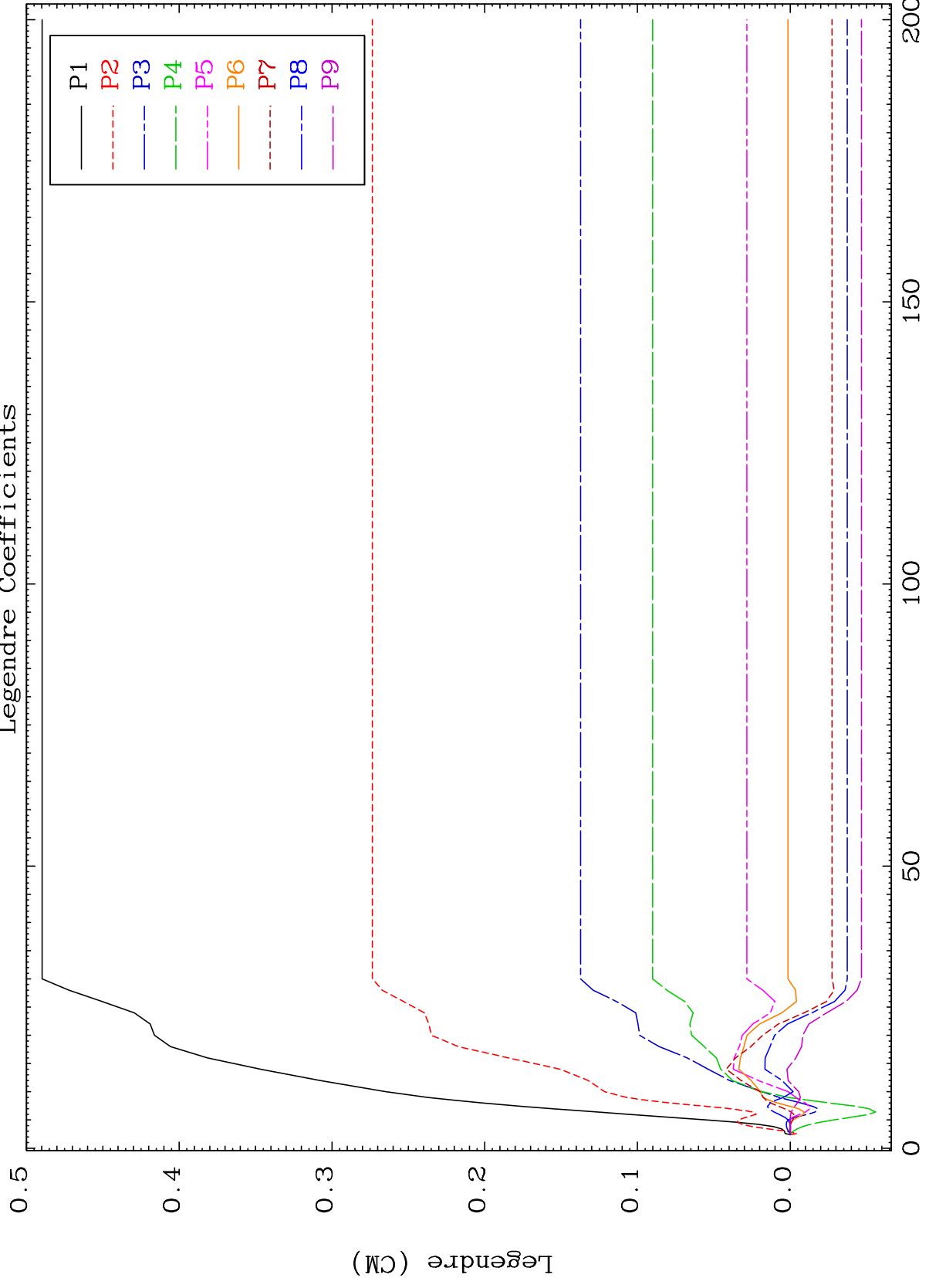
Incident Energy (MeV)

54-Xe-126

MAT 5431

MT= 80 (n,n') Level Legendre Coefficients

54-Xe-126



54-Xe-126

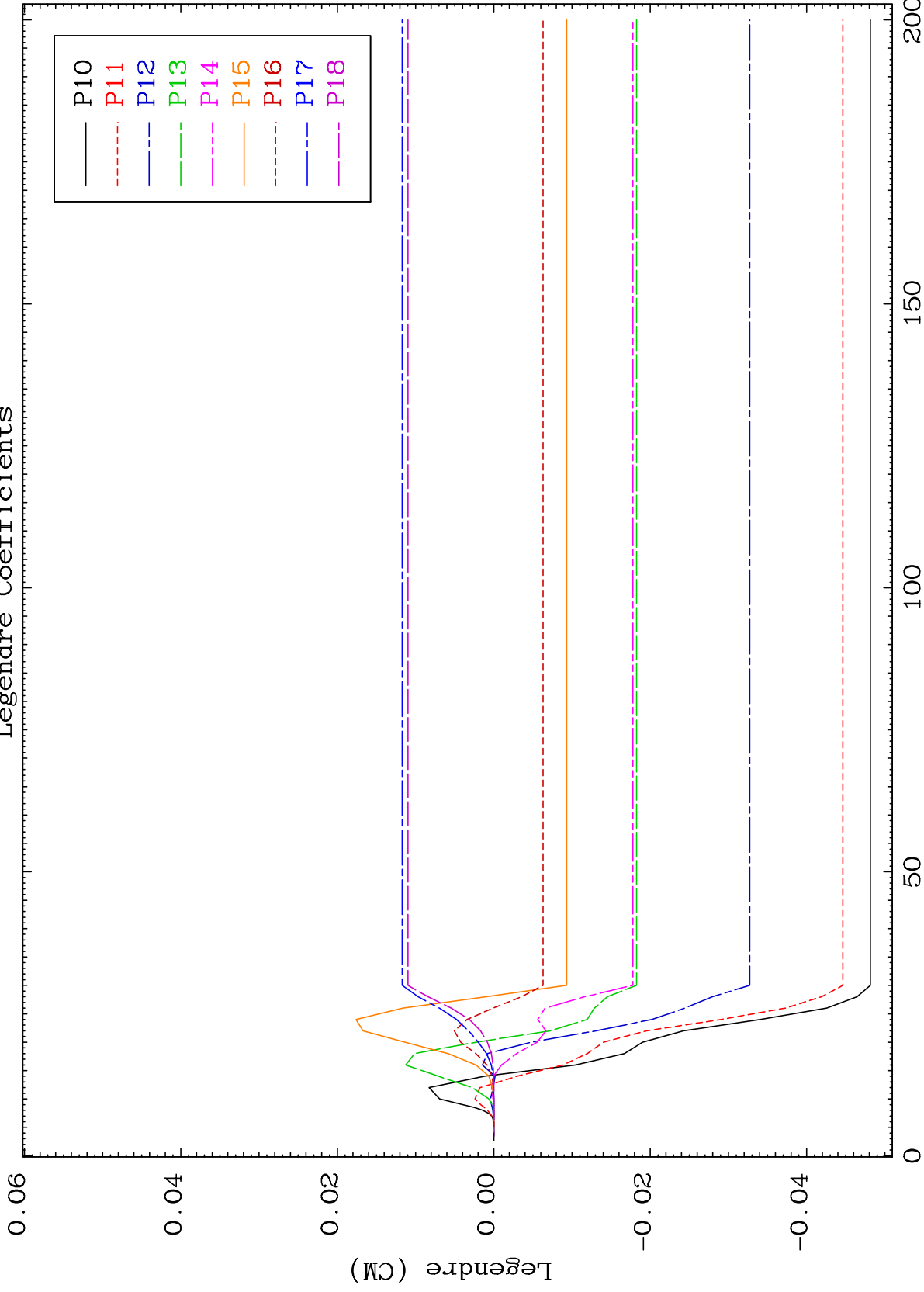
Incident Energy (MeV)

Legendre (CM)

MAT 5431

MT= 80 (n,n') Level  
Legendre Coefficients

54-Xe-126



126

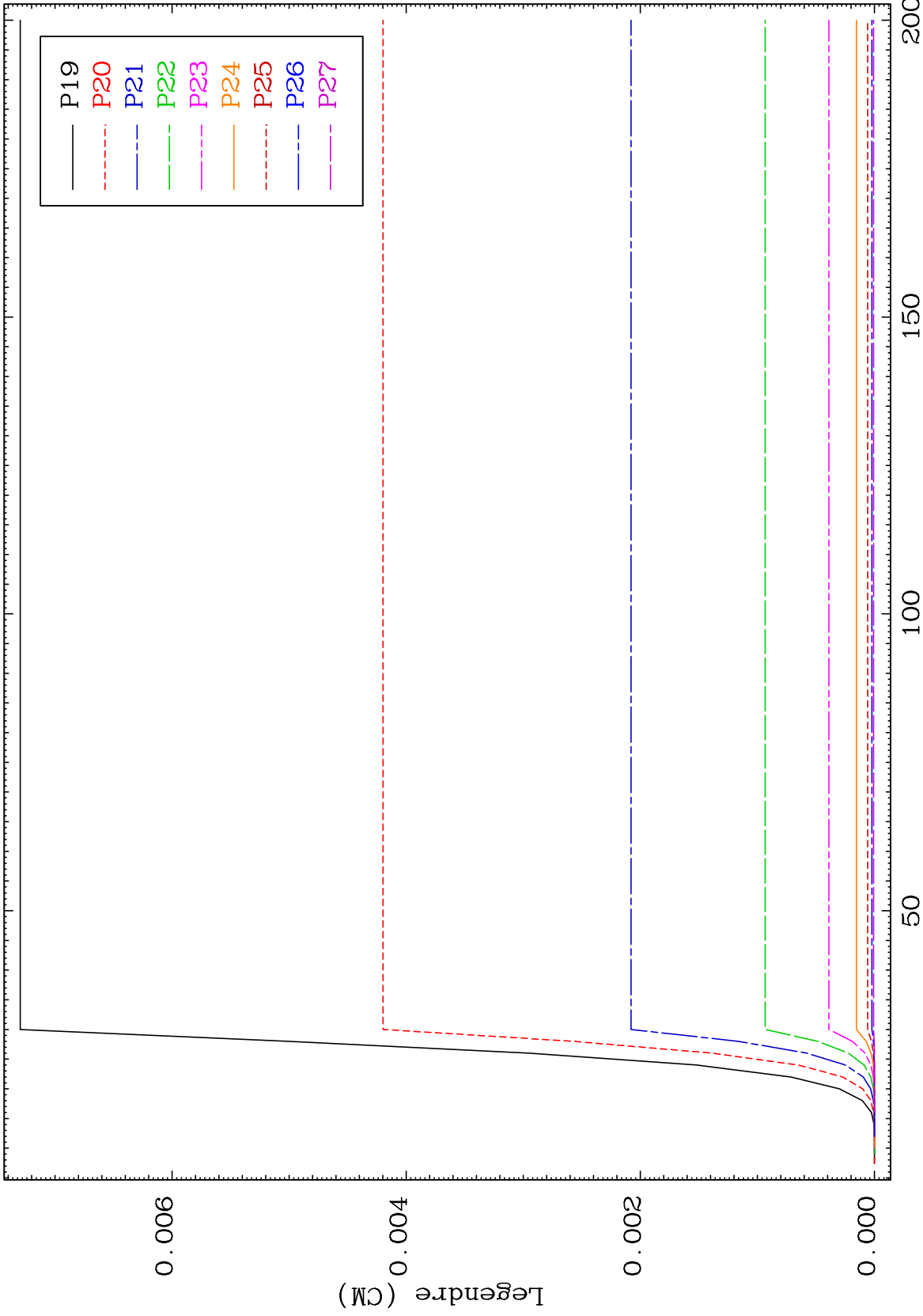
Incident Energy (MeV)

54-Xe-126

MAT 5431

MT= 80 (n,n') Level  
Legendre Coefficients

54-Xe-126



127

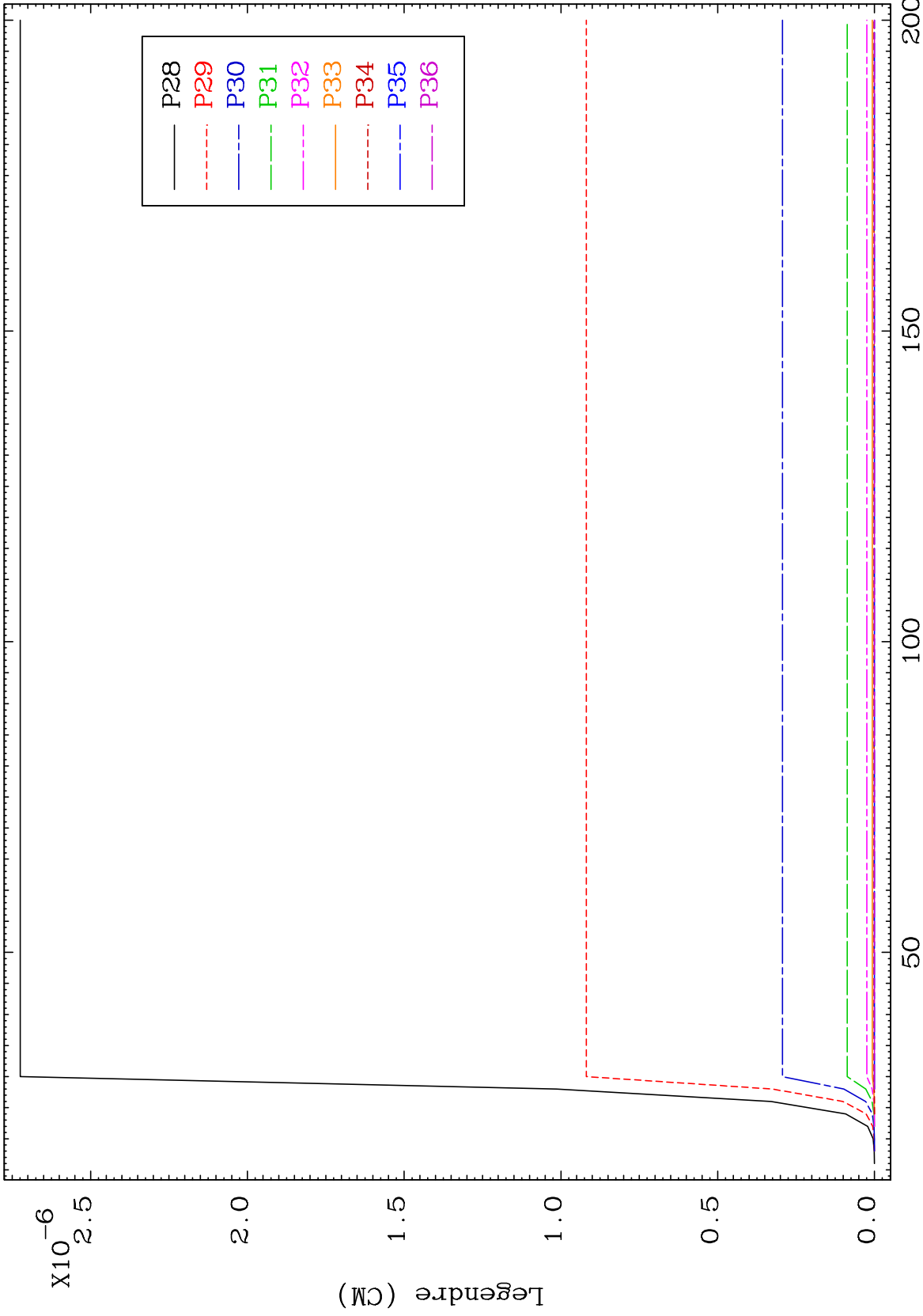
Incident Energy (MeV)

54-Xe-126

MAT 5431

MT= 80 (n,n') Level  
Legendre Coefficients

54-Xe-126



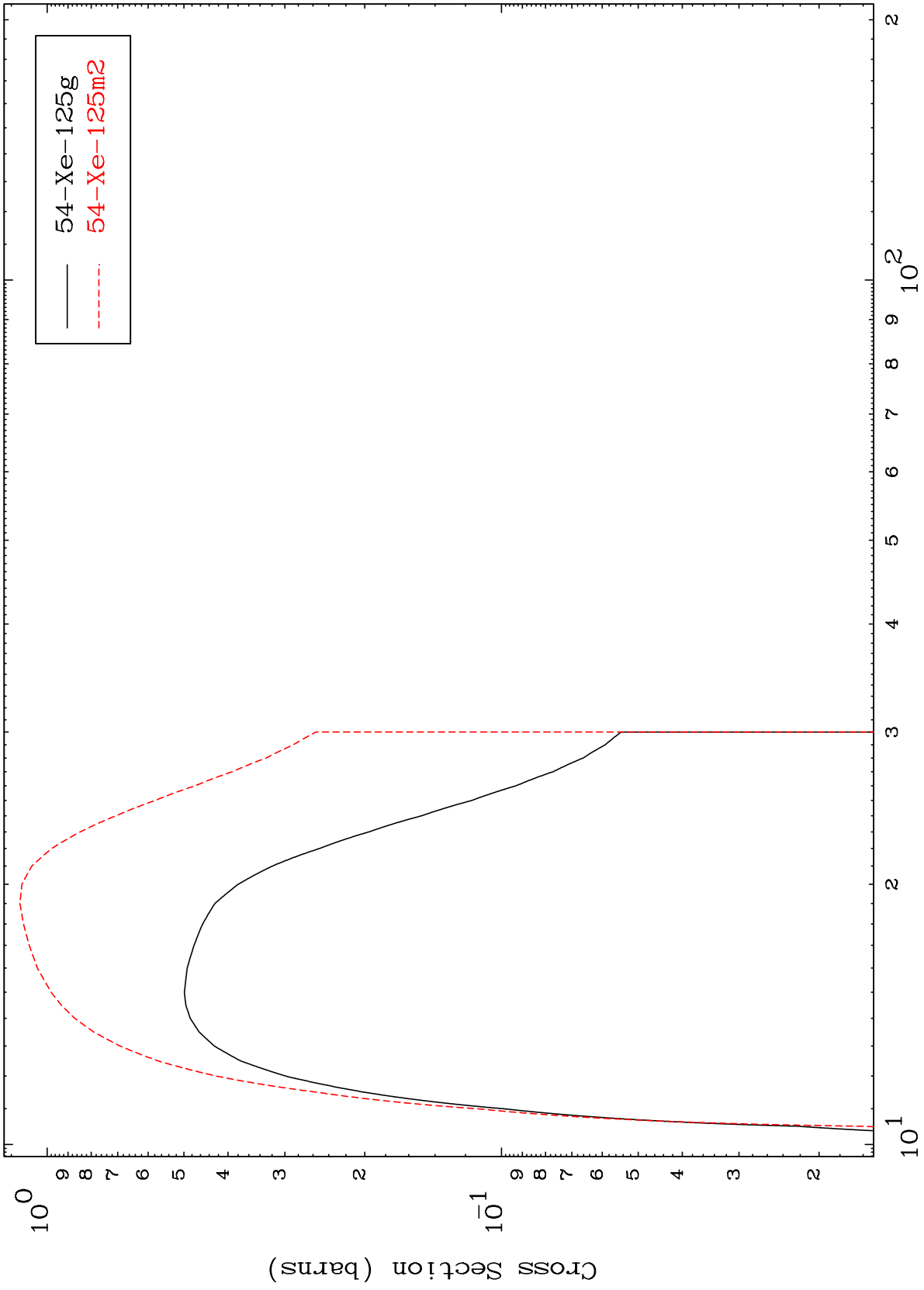
128

54-Xe-126

MAT 5431

54-Xe-126

(n,2n)  
Radionuclide Production Cross Section



54-Xe-126

Incident Energy (MeV)

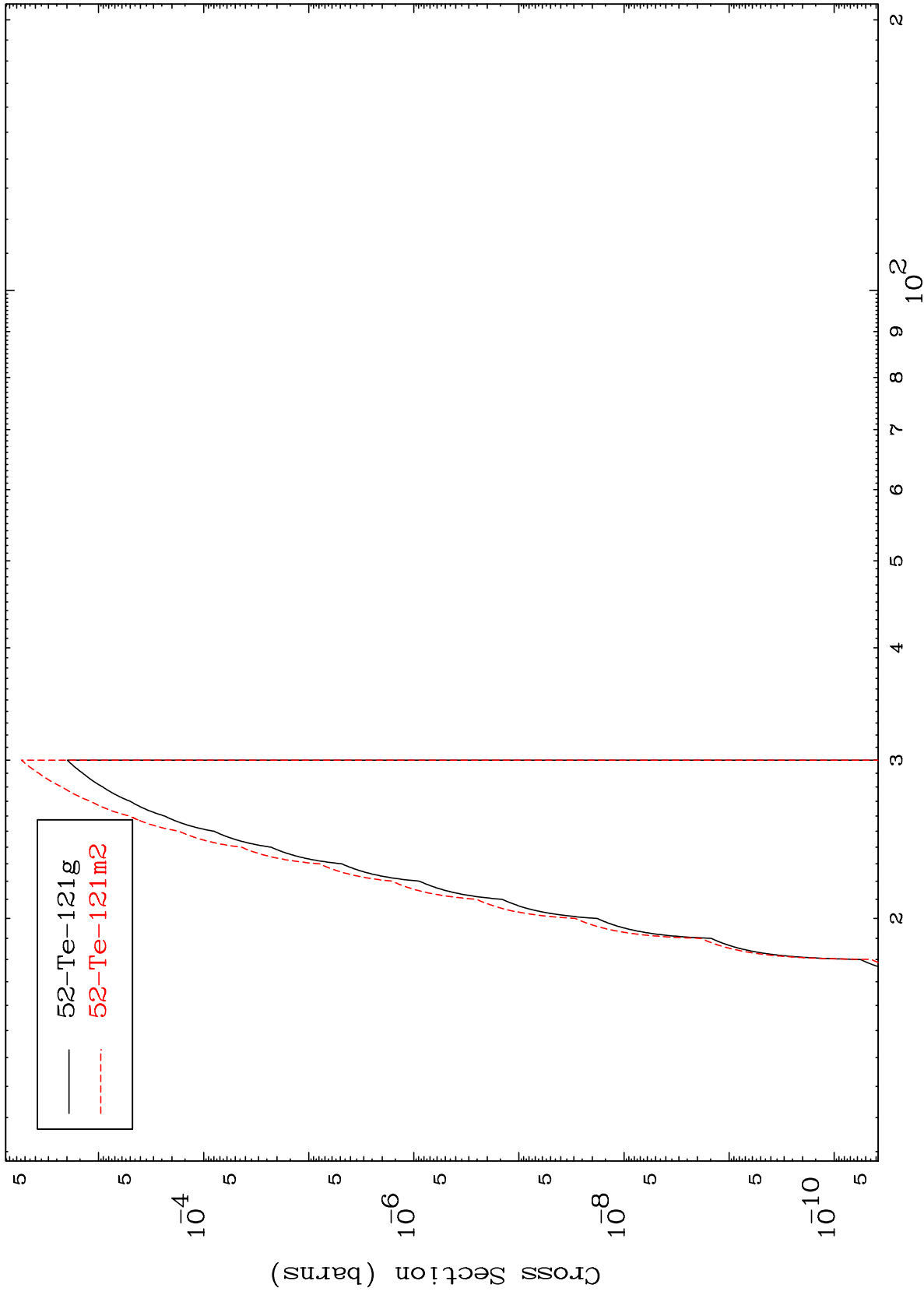
129

MAT 5431

(n,2n)  $\alpha$

54-Xe-126

Radionuclide Production Cross Section



130

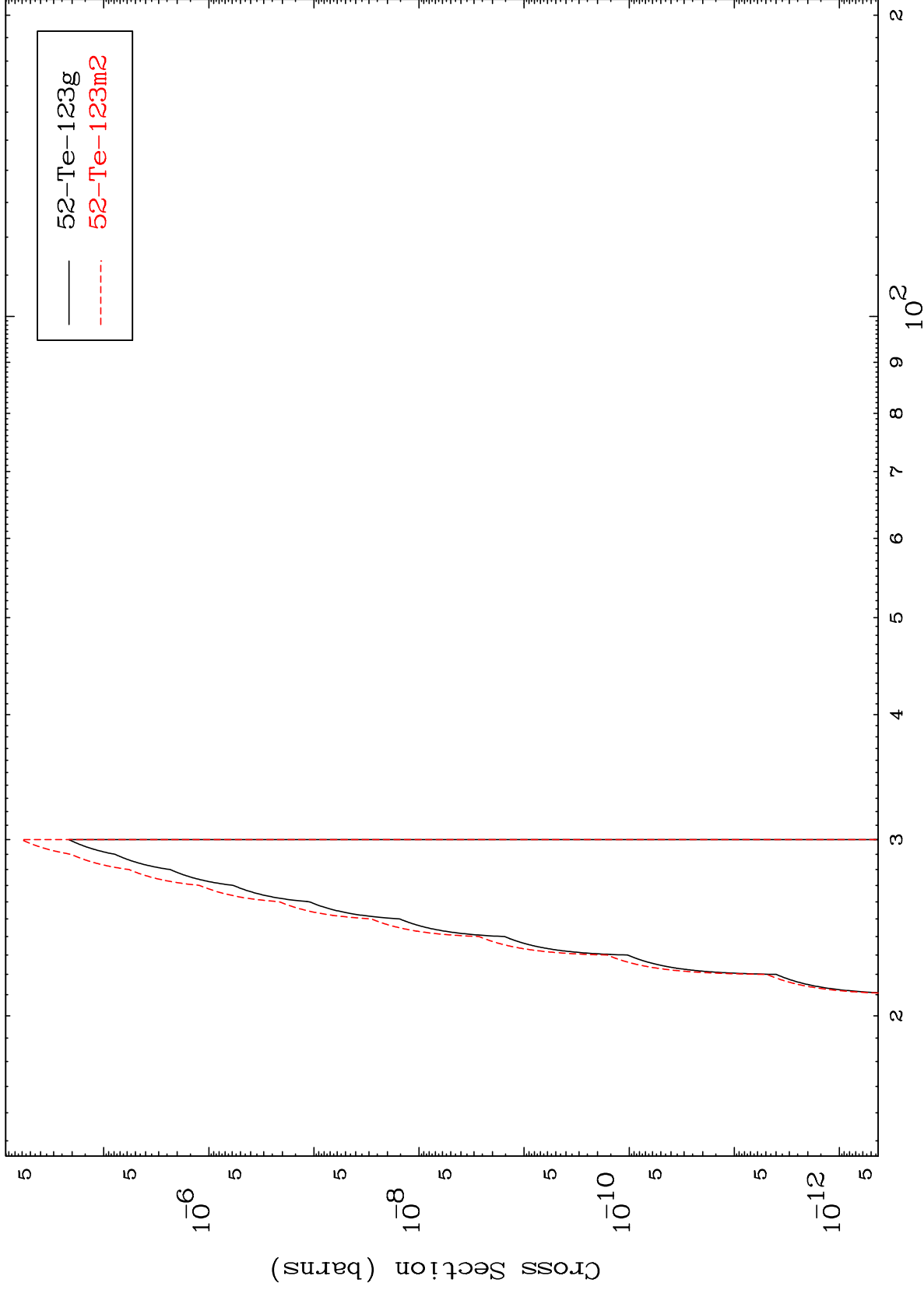
54-Xe-126

MAT 5431

(n, n') He-3

54-Xe-126

Radionuclide Production Cross Section



131

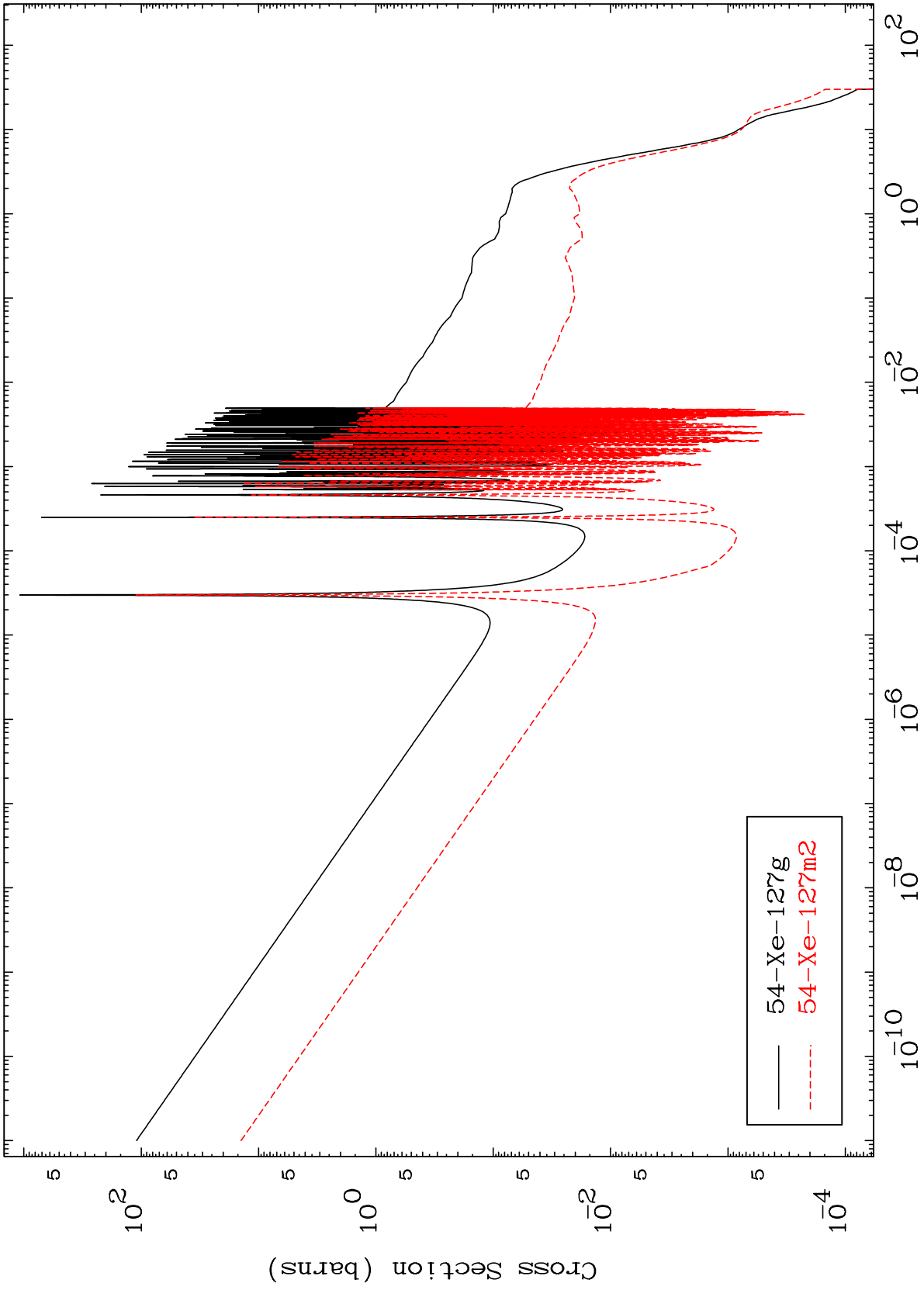
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

(n,γ)  
Radionuclide Production Cross Section



132

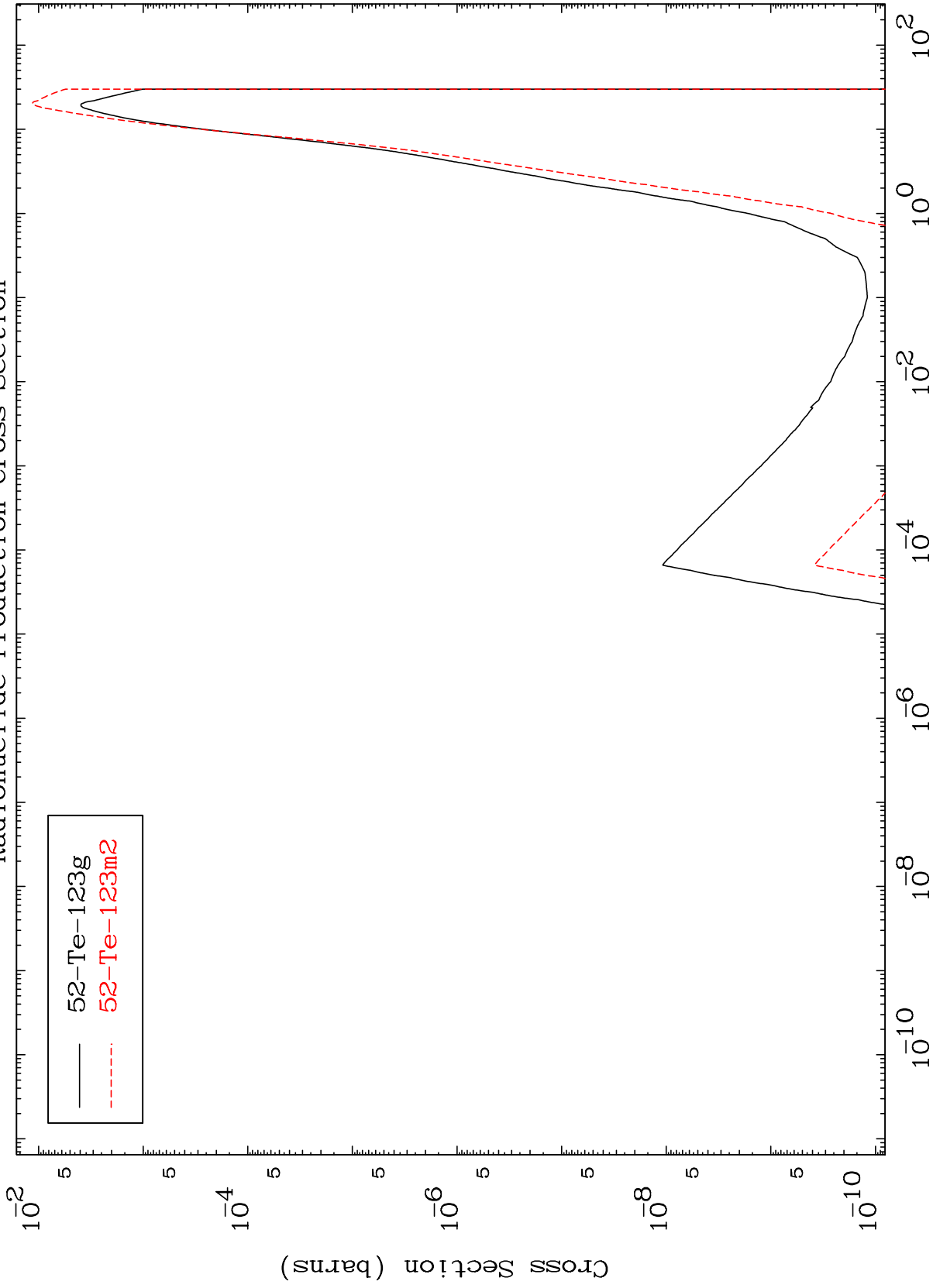
54-Xe-126

MAT 5431

(n,  $\alpha$ )

54-Xe-126

Radionuclide Production Cross Section



133

Incident Energy (MeV)

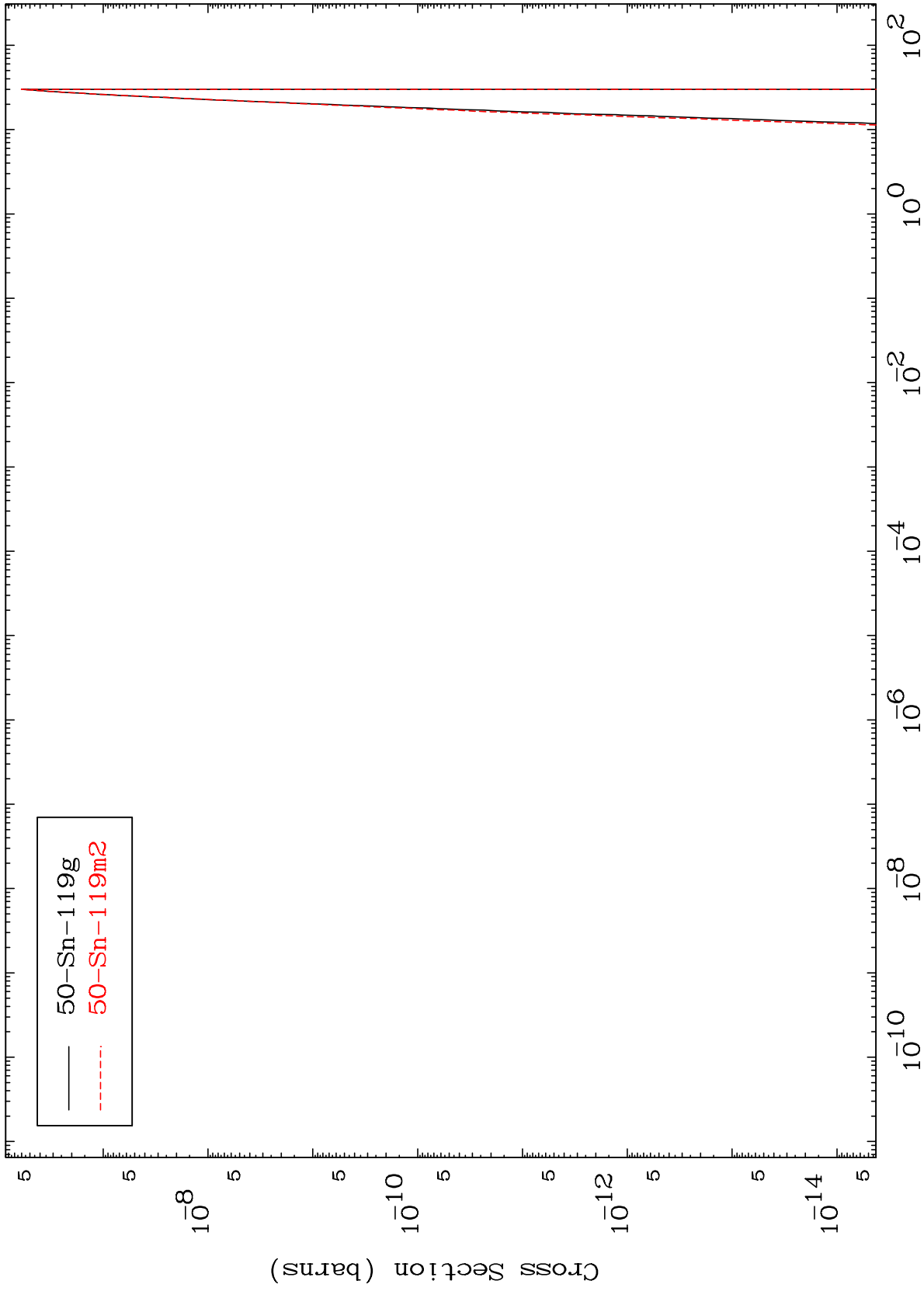
54-Xe-126

MAT 5431

(n,2α)

54-Xe-126

Radionuclide Production Cross Section



134

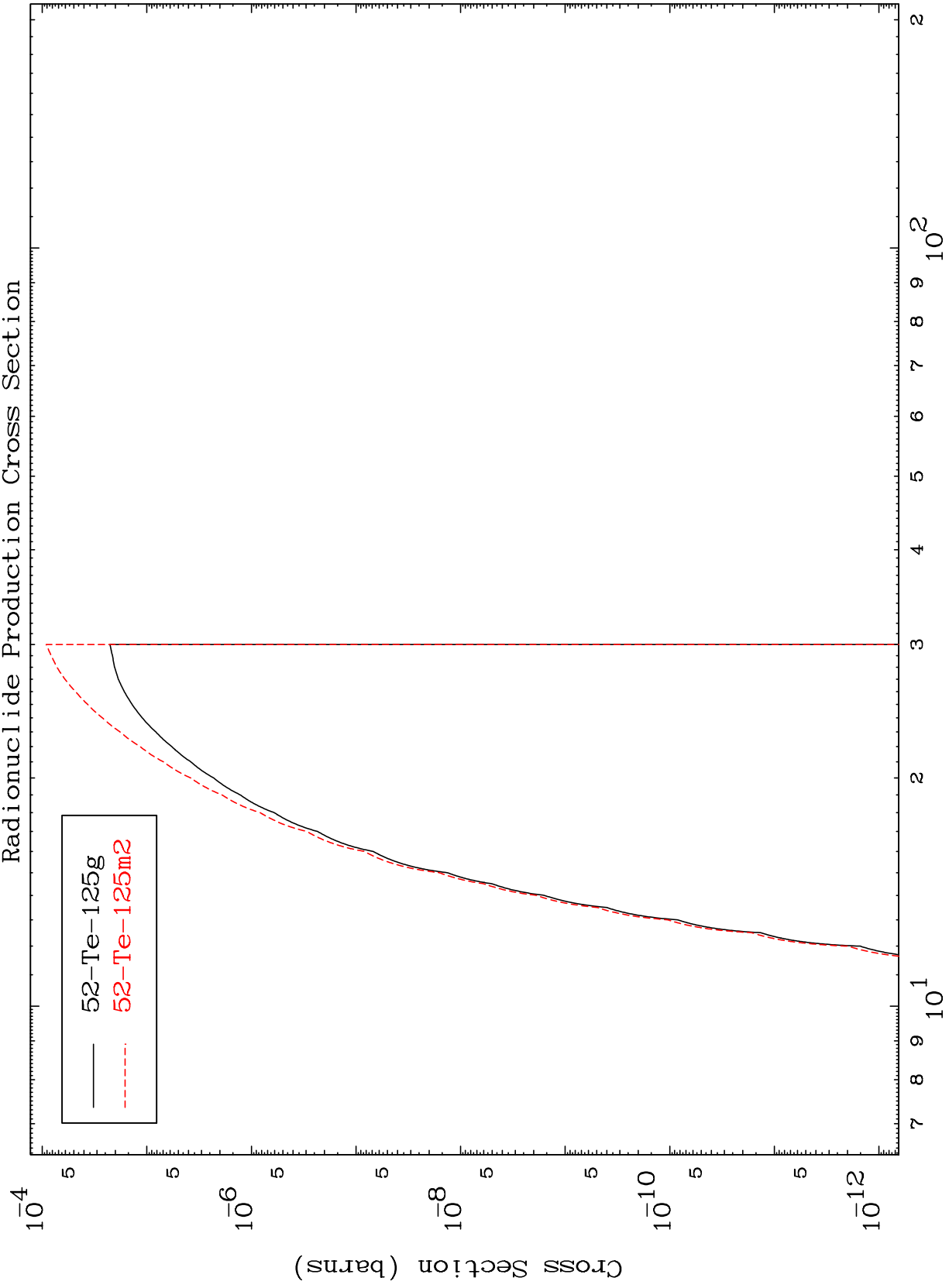
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

(n,2p)  
Radionuclide Production Cross Section



135

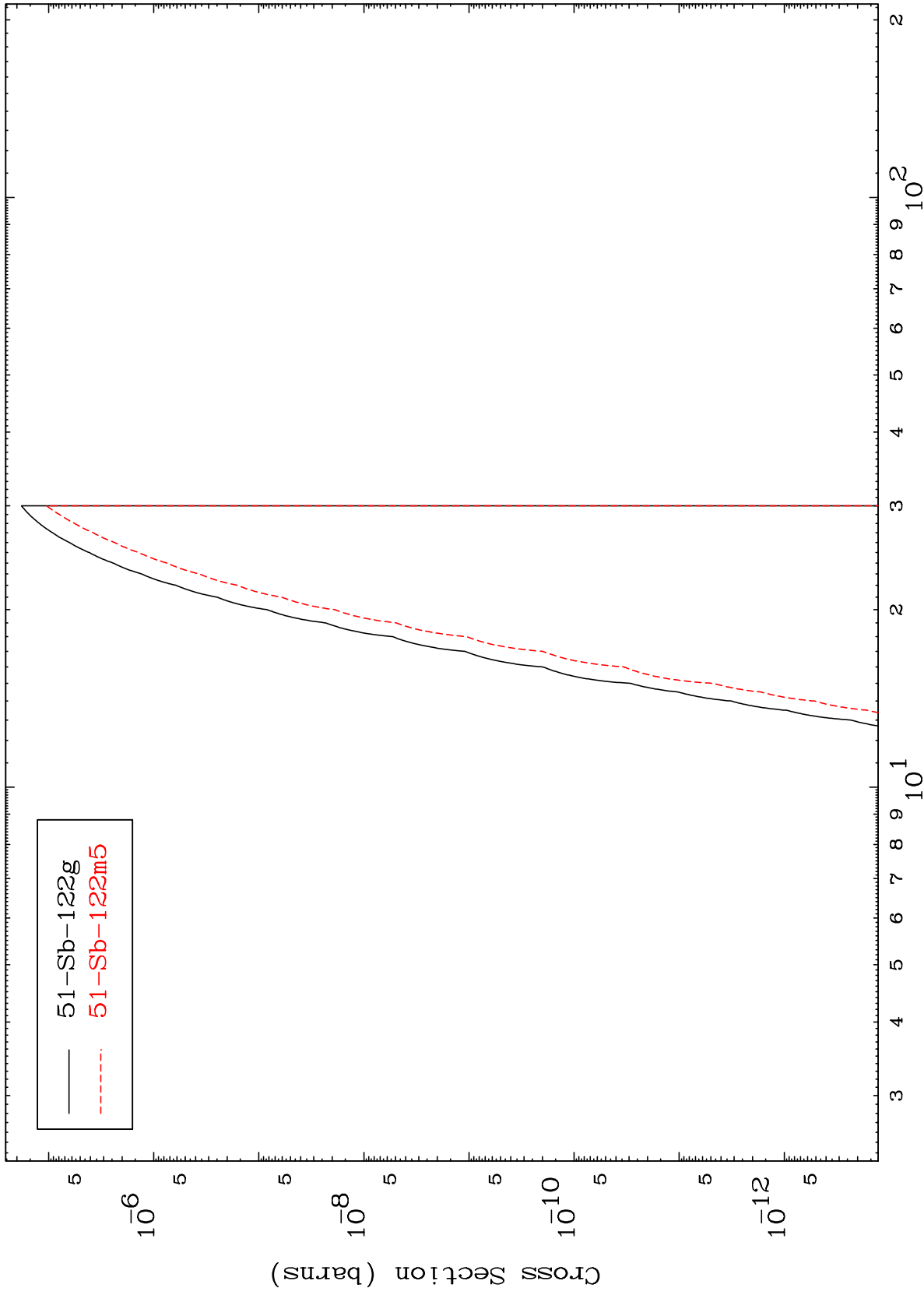
54-Xe-126

MAT 5431

(n,p)  $\alpha$

54-Xe-126

Radionuclide Production Cross Section



136

Incident Energy (MeV)

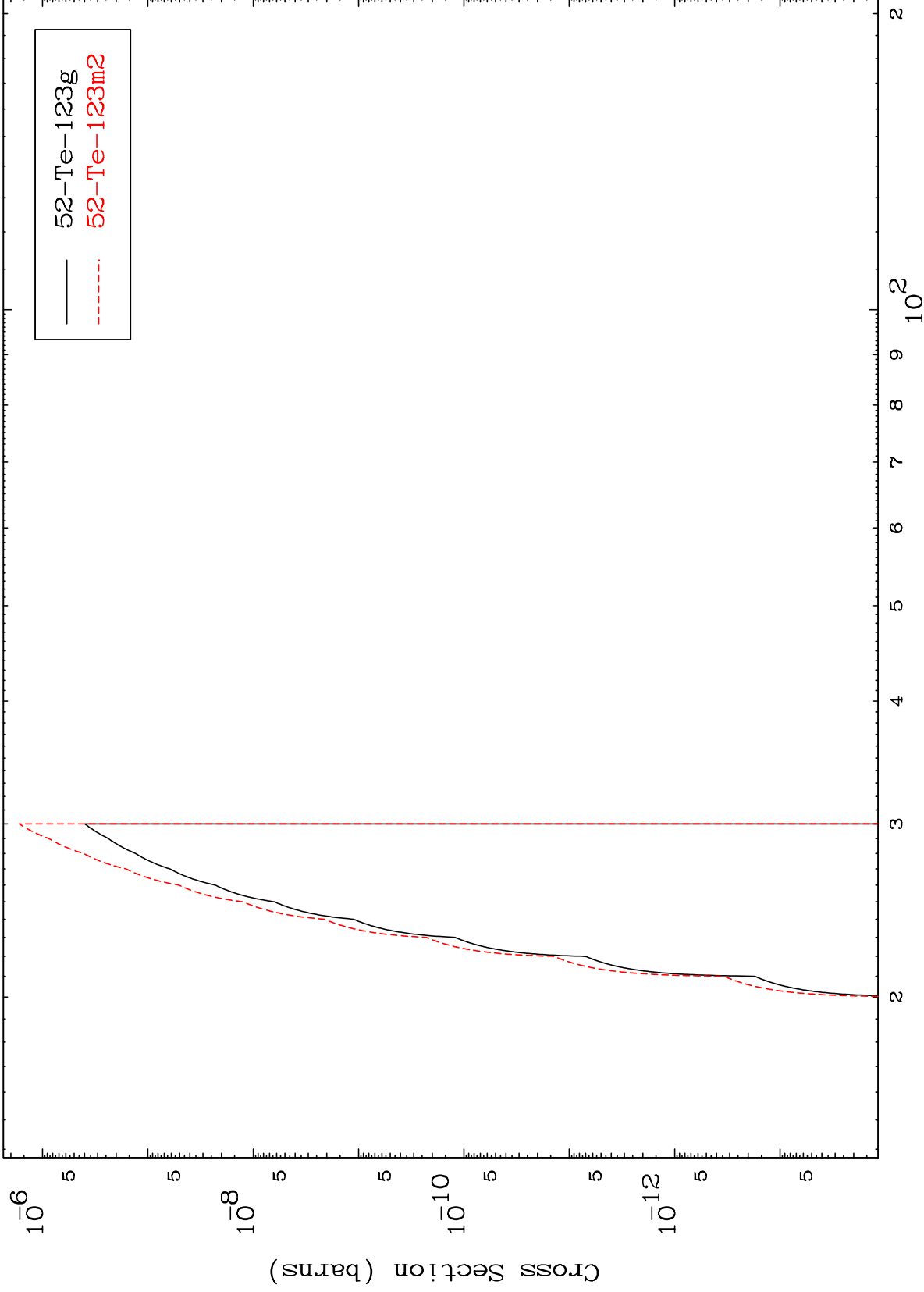
54-Xe-126

MAT 5431

(n,p) t

54-Xe-126

Radionuclide Production Cross Section



137

Incident Energy (MeV)

54-Xe-126