

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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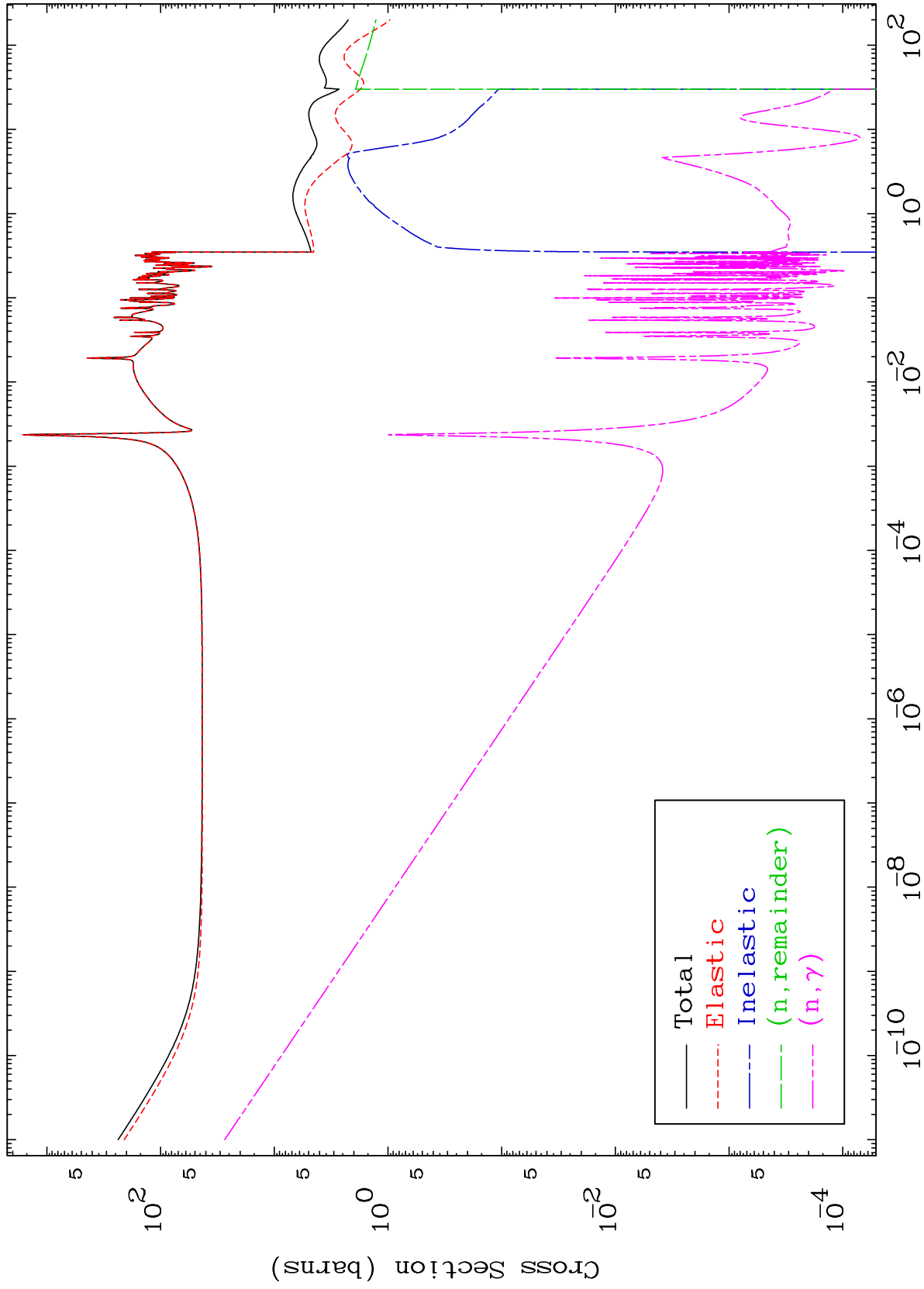
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5479

Major  
293 Kelvin Cross Sections

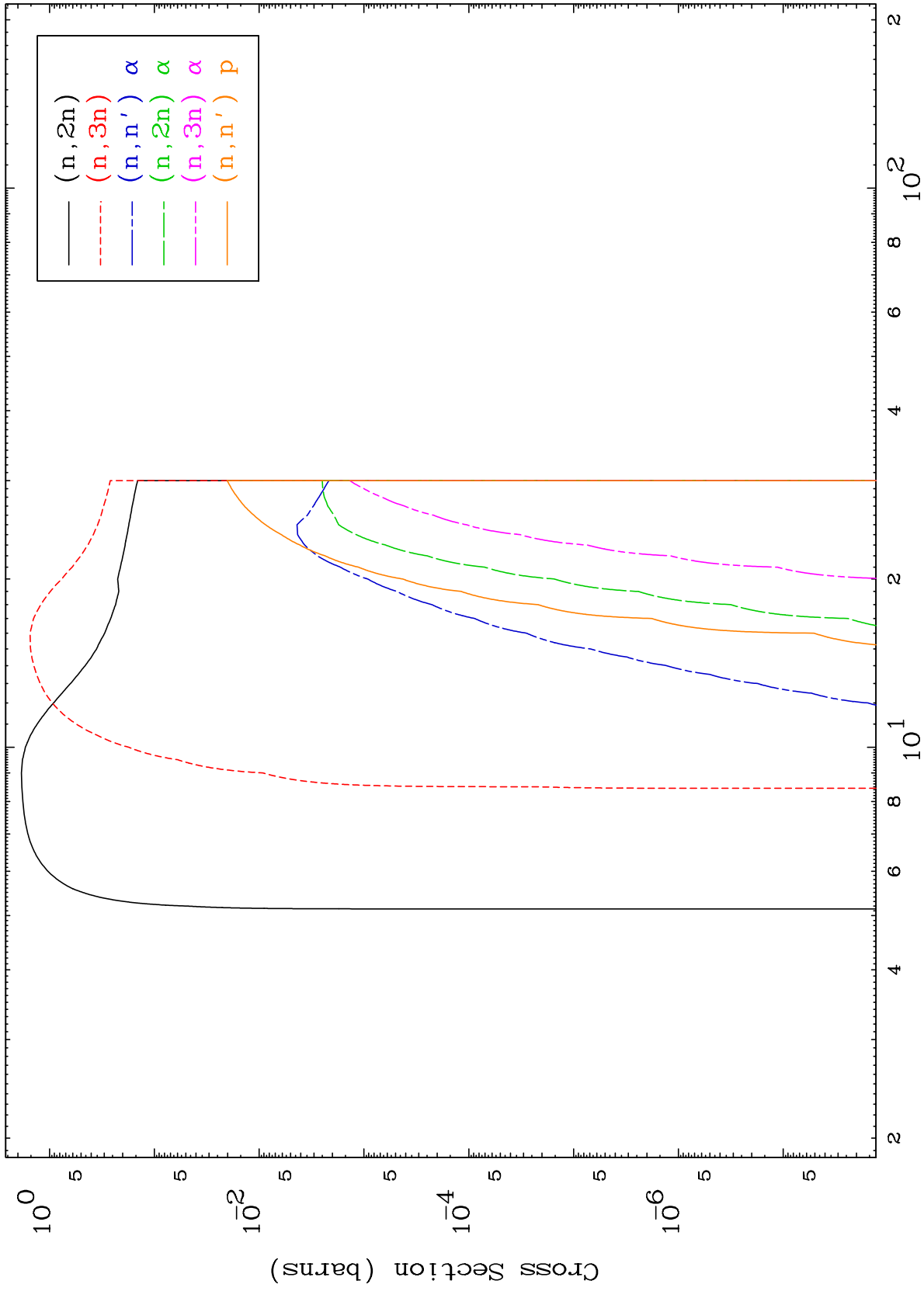
54-Xe-142



MAT 5479

Neutron Production  
293 Kelvin Cross Sections

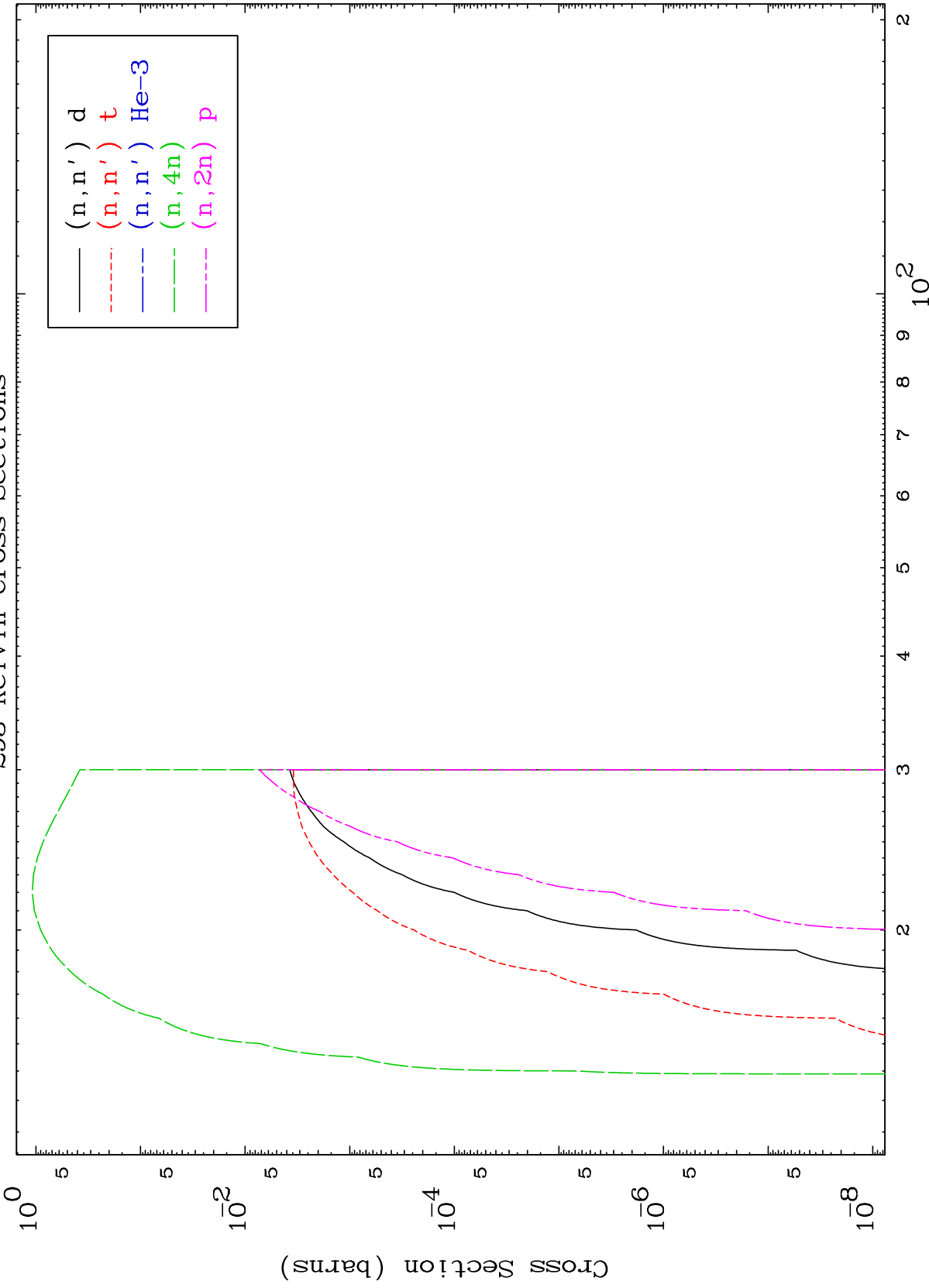
54-Xe-142



2

Incident Energy (MeV)

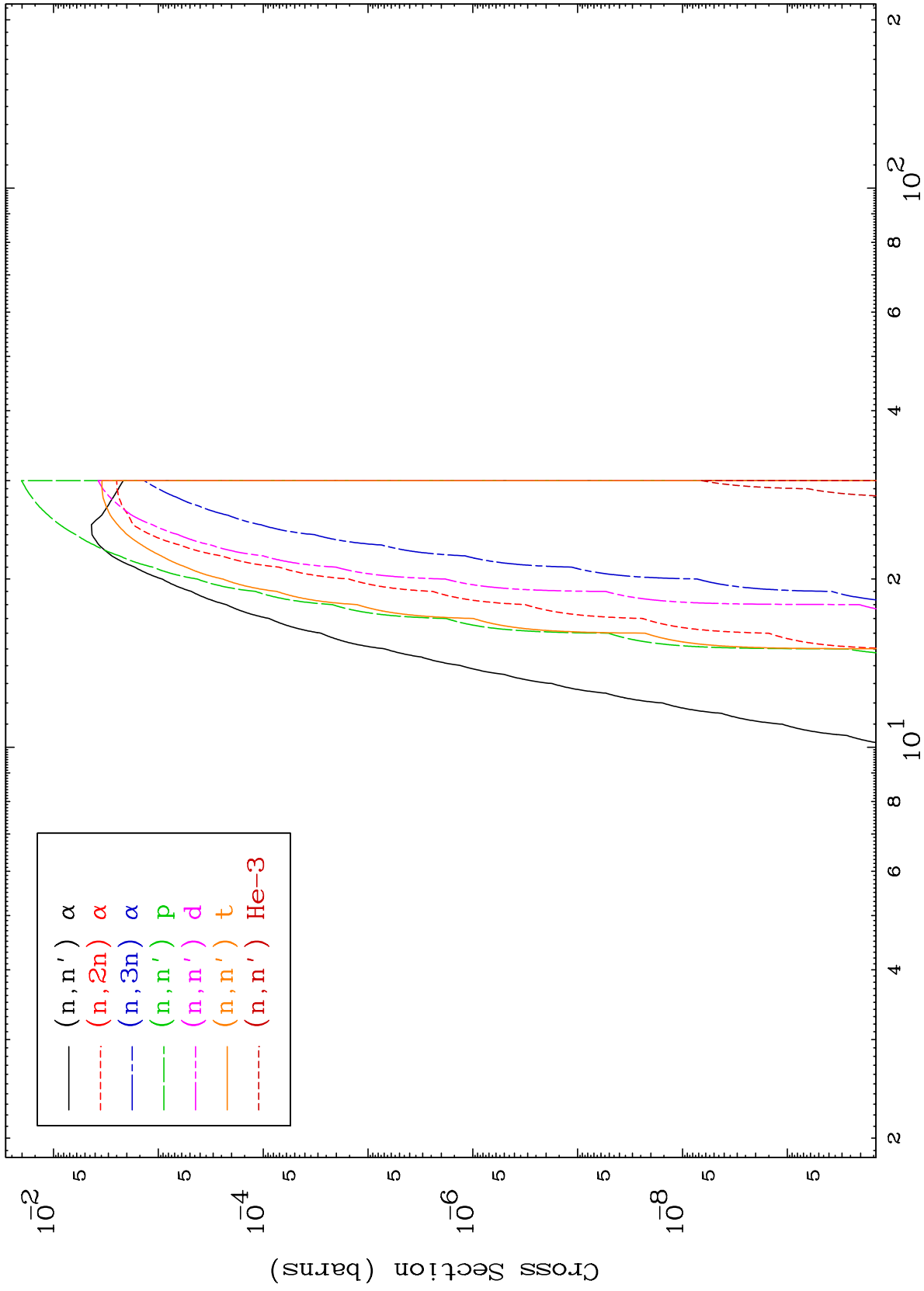
54-Xe-142



MAT 5479

Charged Particle  
293 Kelvin Cross Sections

54-Xe-142



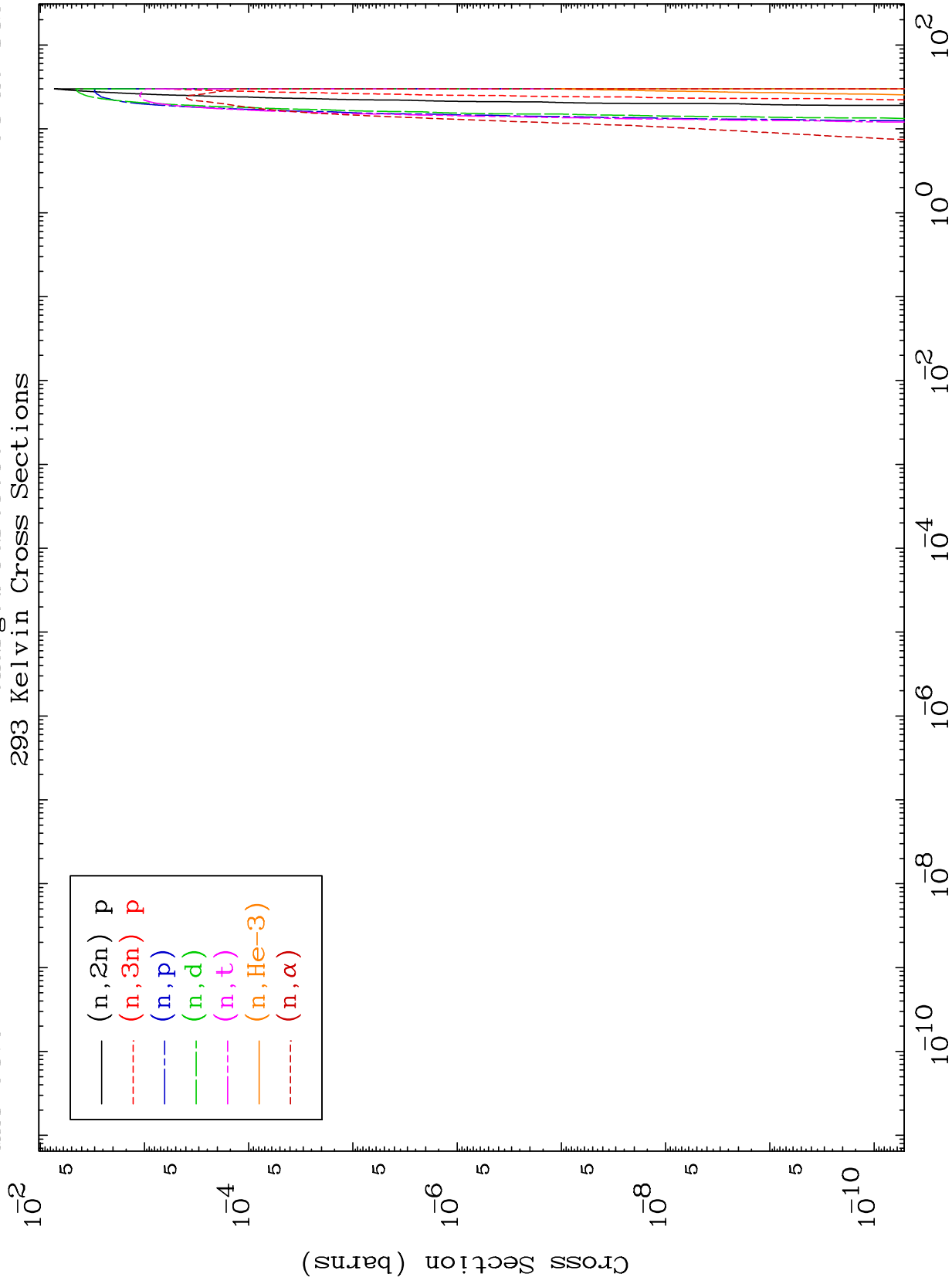
4

54-Xe-142

MAT 5479

293 Kelvin Cross Sections

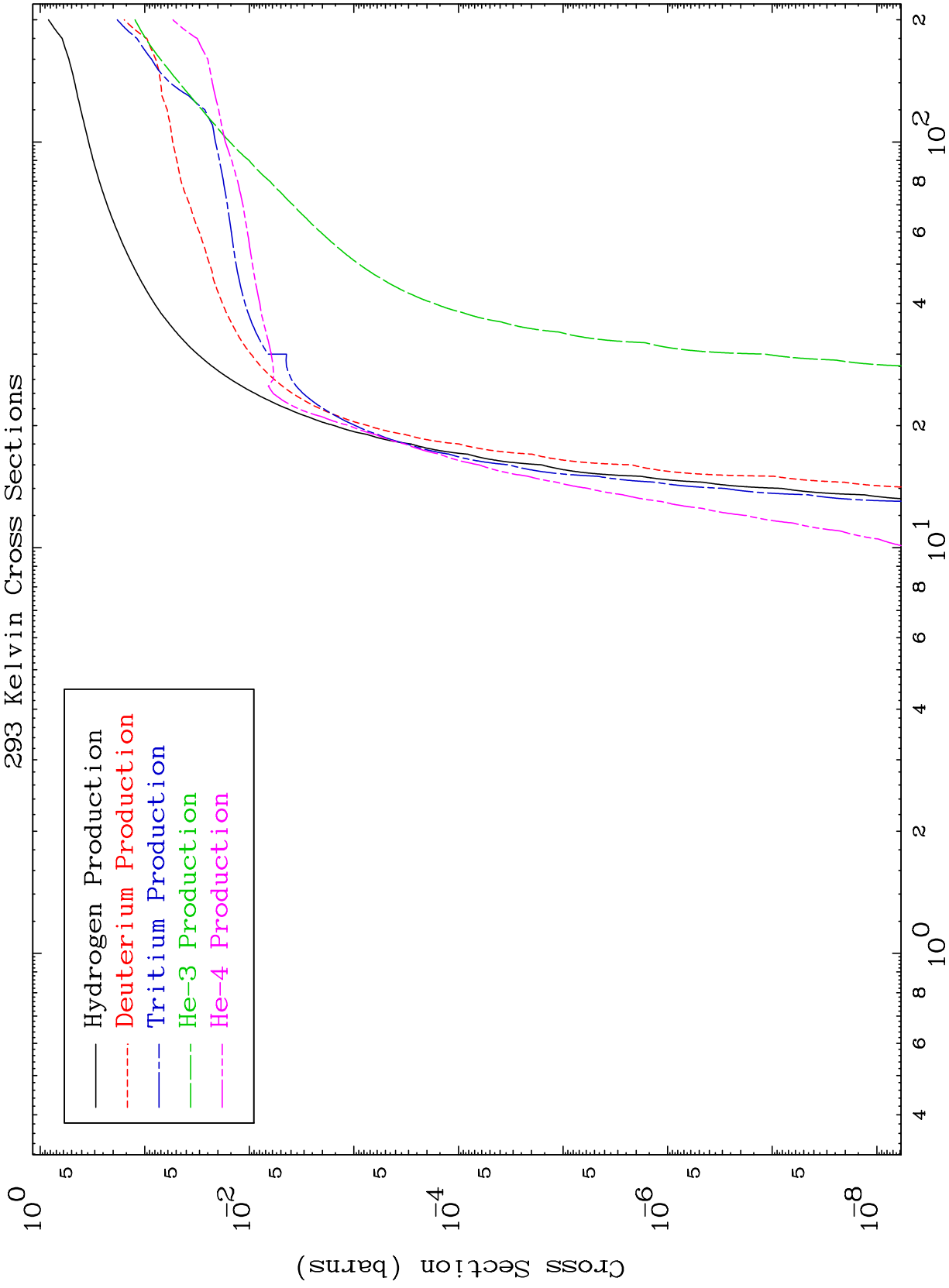
54-Xe-142



MAT 5479

Particle Production  
293 Kelvin Cross Sections

54-Xe-142



6

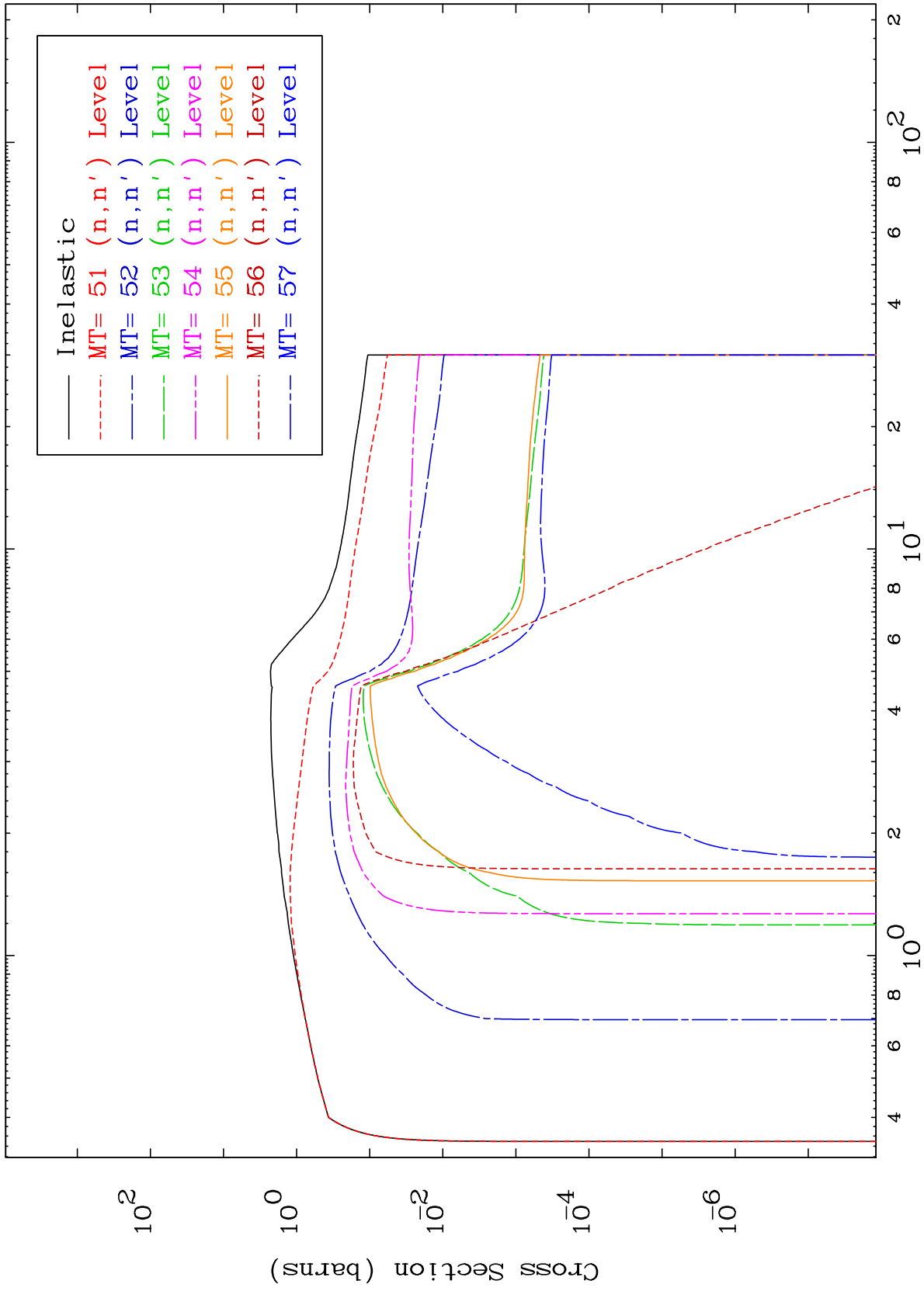
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-142



7

Incident Energy (MeV)

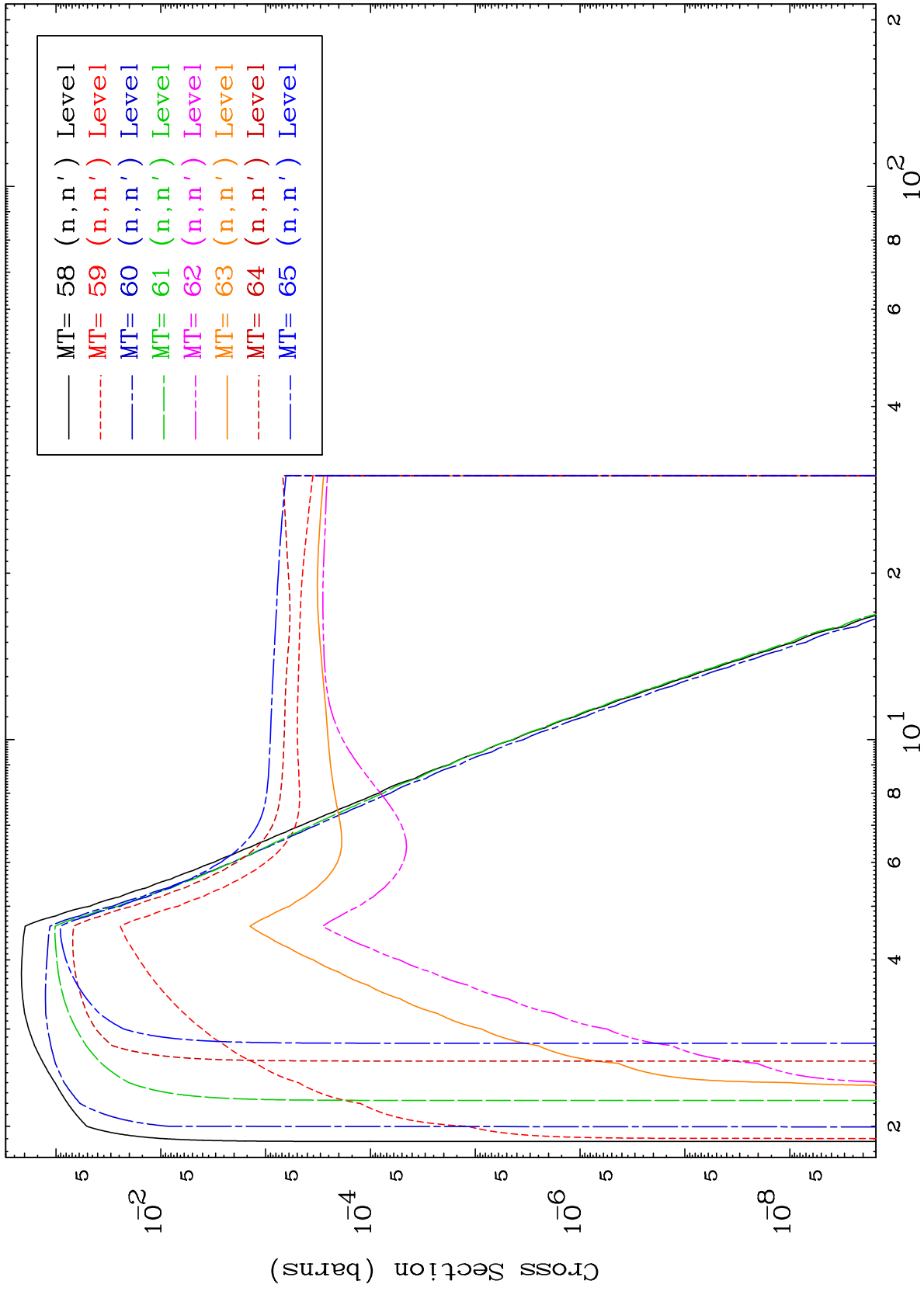
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MAT 5479

(n,n') Level

54-Xe-142

293 Kelvin Cross Sections



8

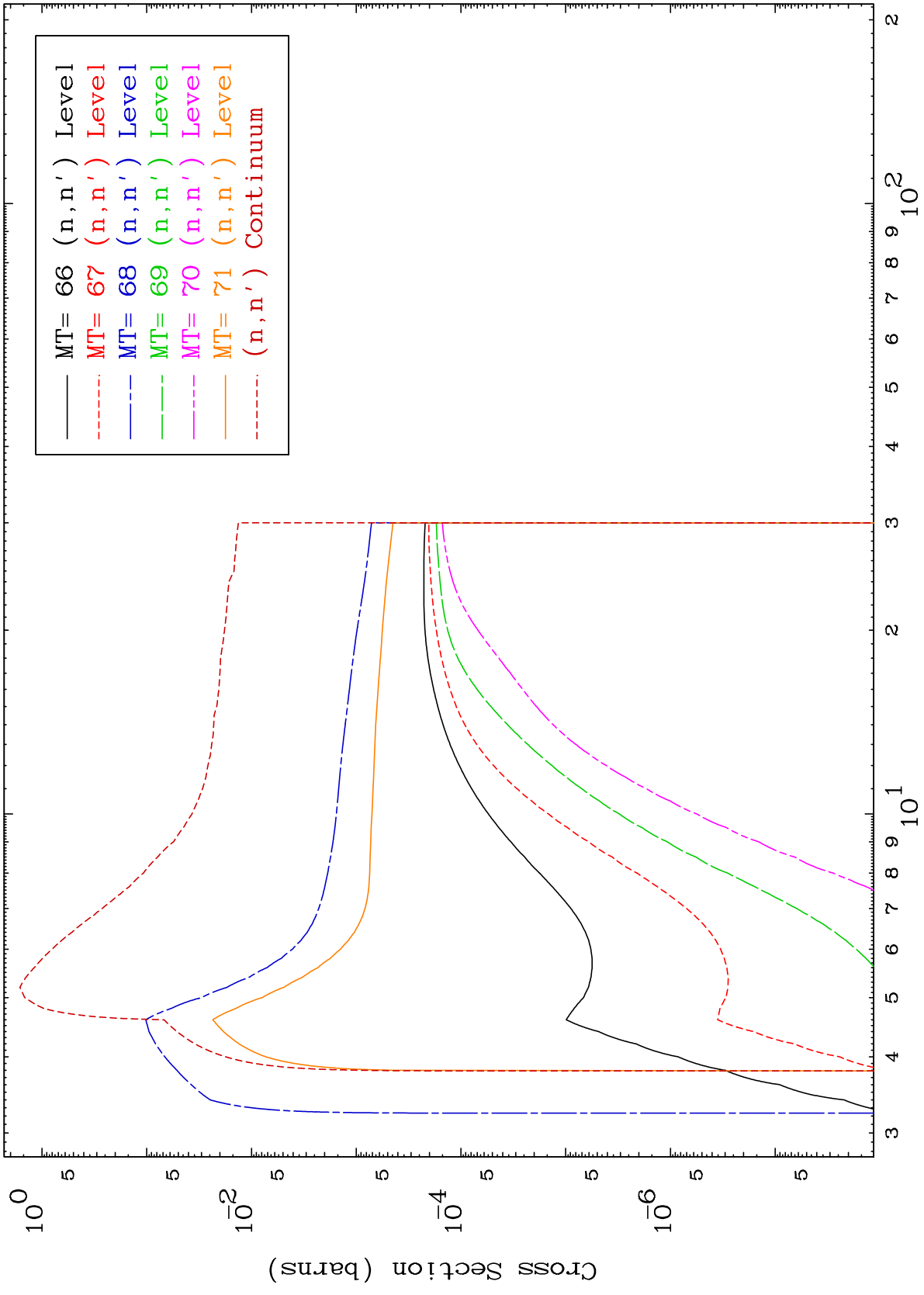
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,n') Level  
293 Kelvin Cross Sections

54-Xe-142



9

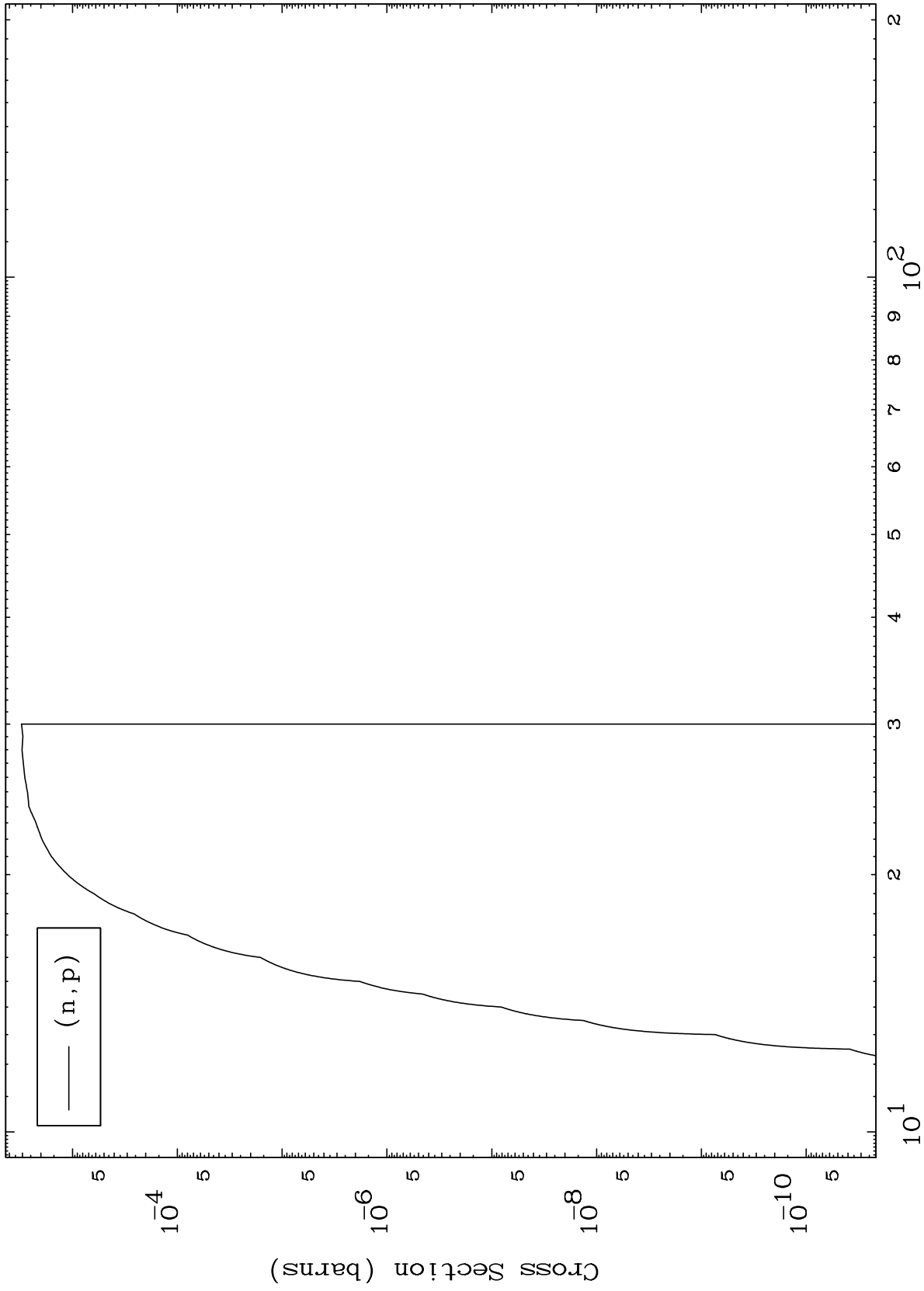
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,p) Levels  
293 Kelvin Cross Sections

54-Xe-142



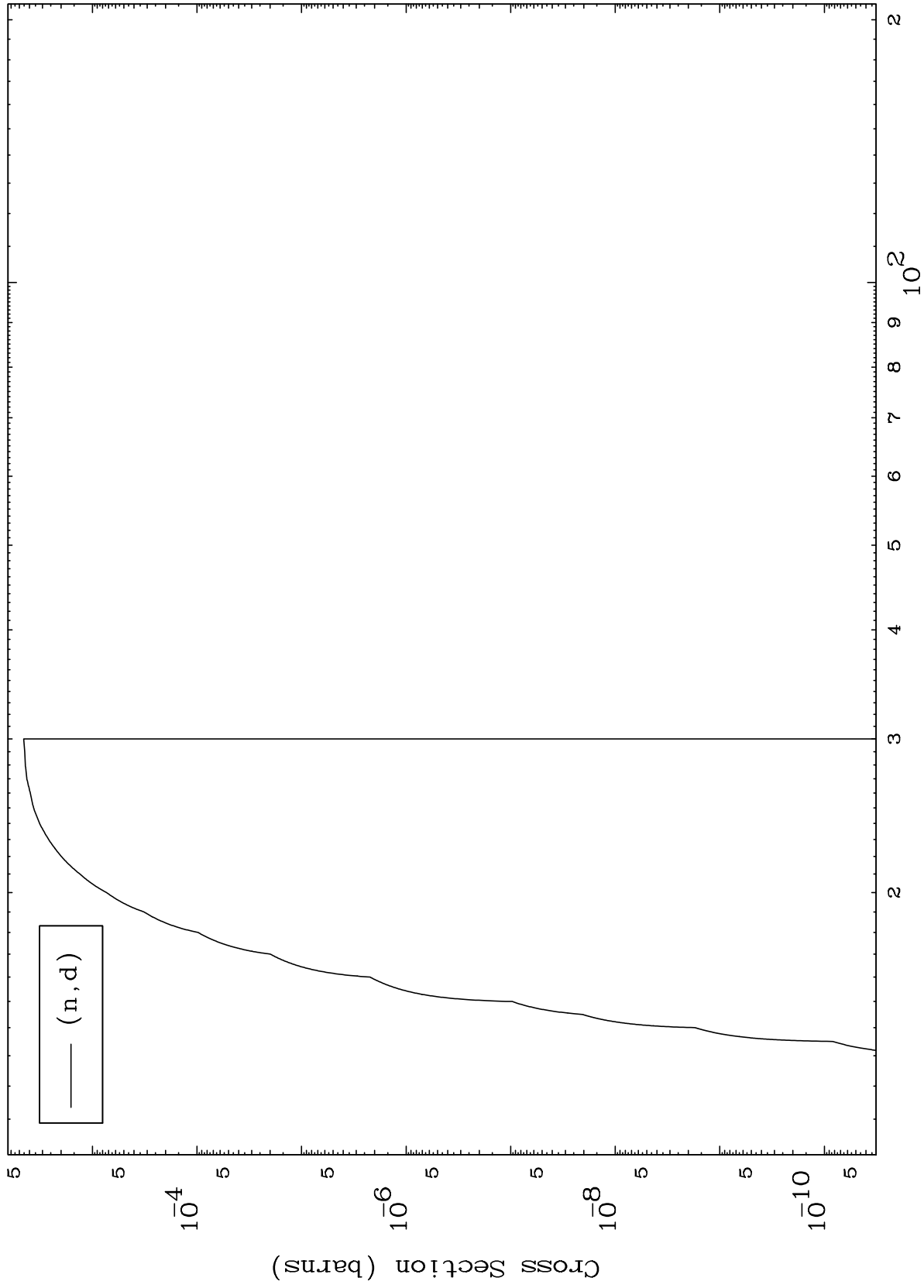
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,d) Levels  
293 Kelvin Cross Sections

54-Xe-142



11

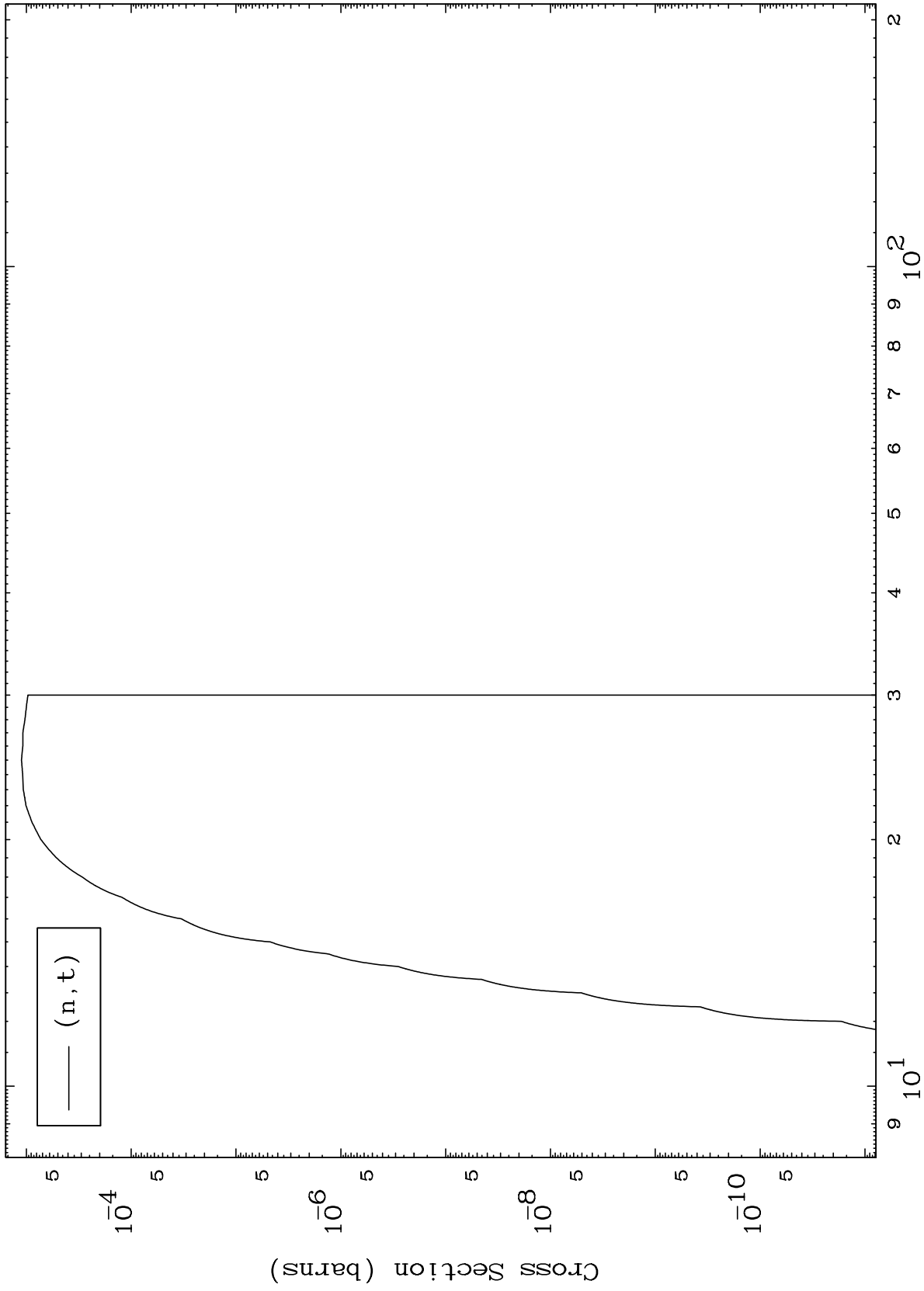
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,t) Levels  
293 Kelvin Cross Sections

54-Xe-142



12

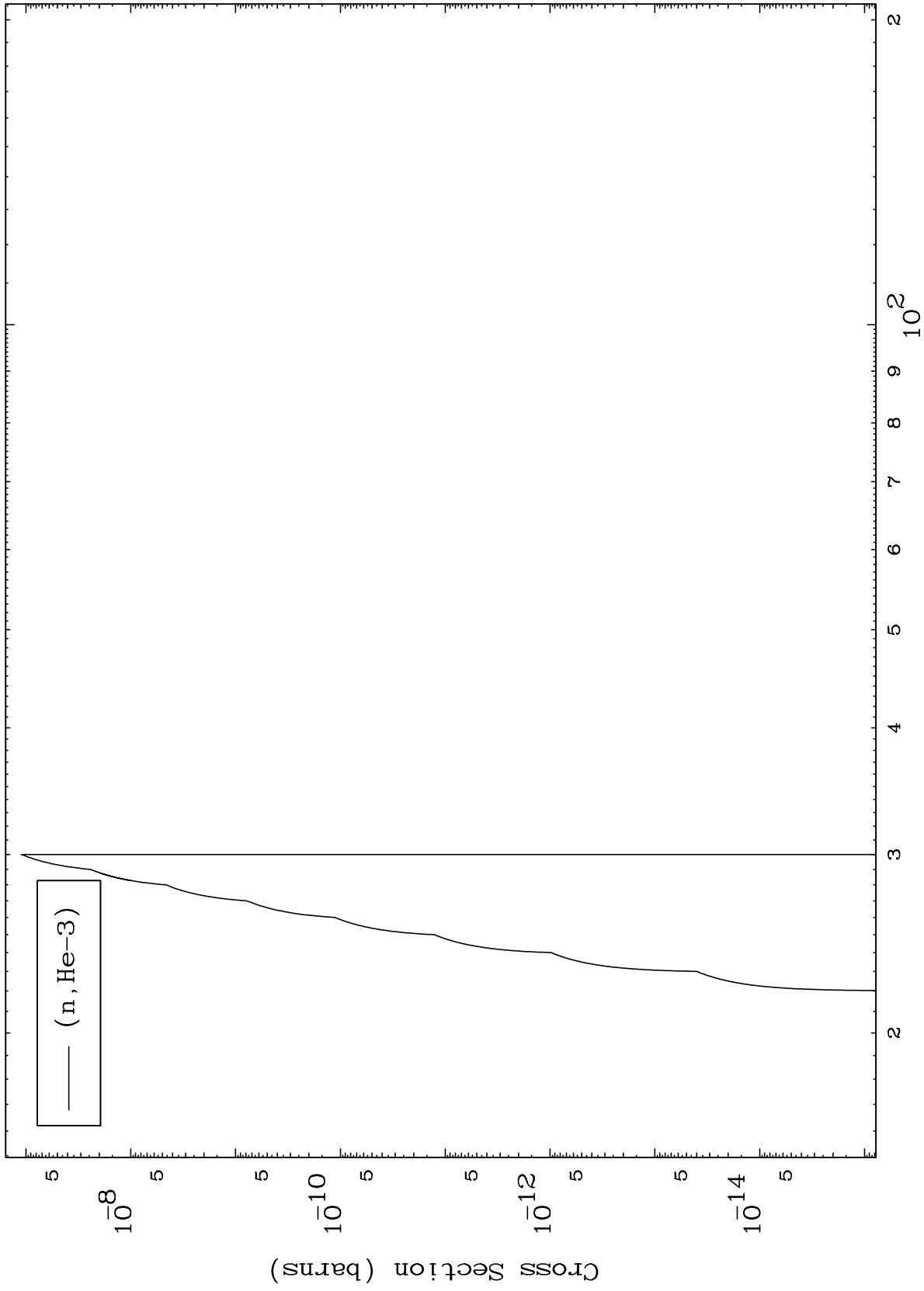
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,He3) Levels  
293 Kelvin Cross Sections

54-Xe-142



13

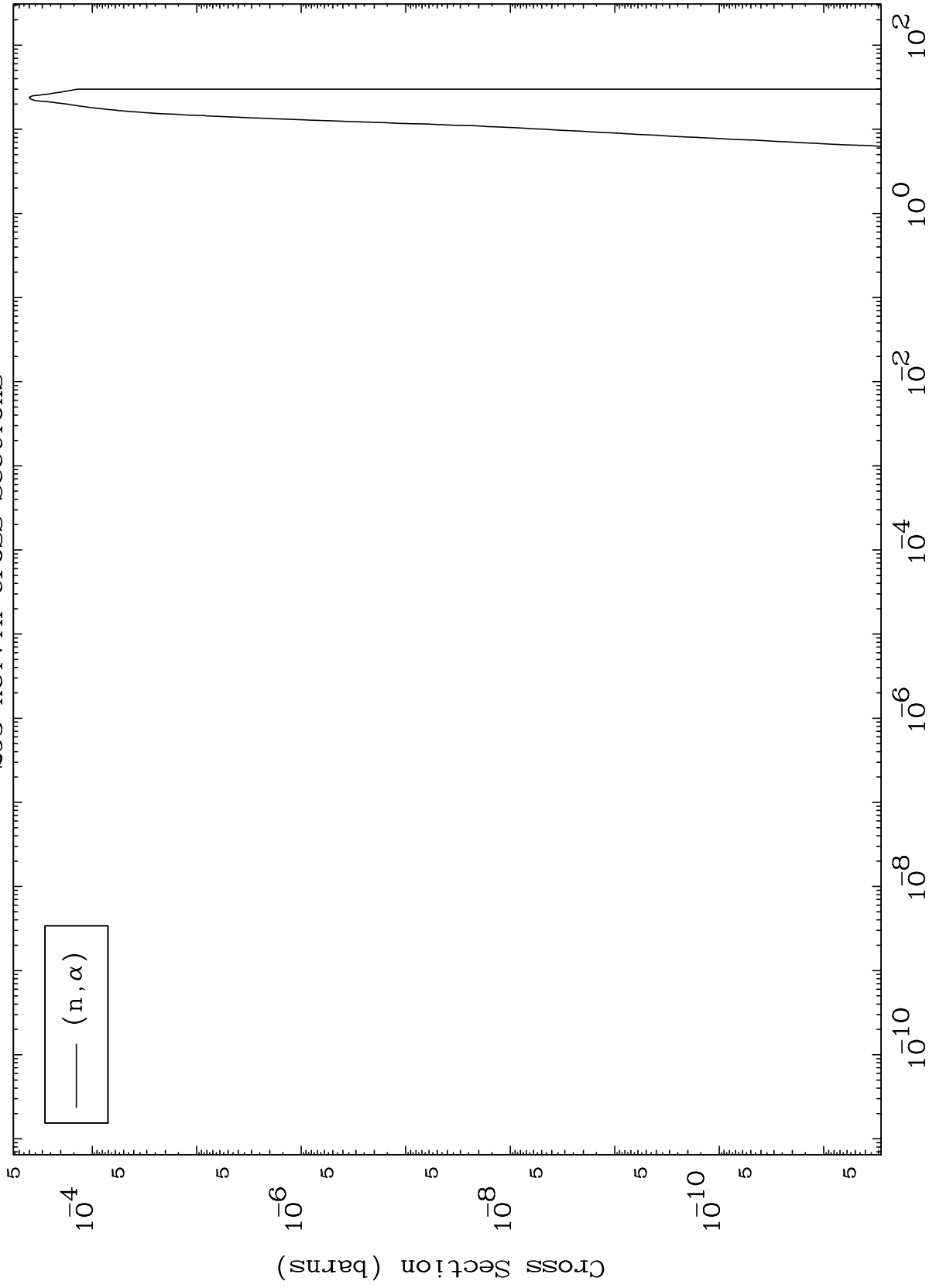
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,α) Levels  
293 Kelvin Cross Sections

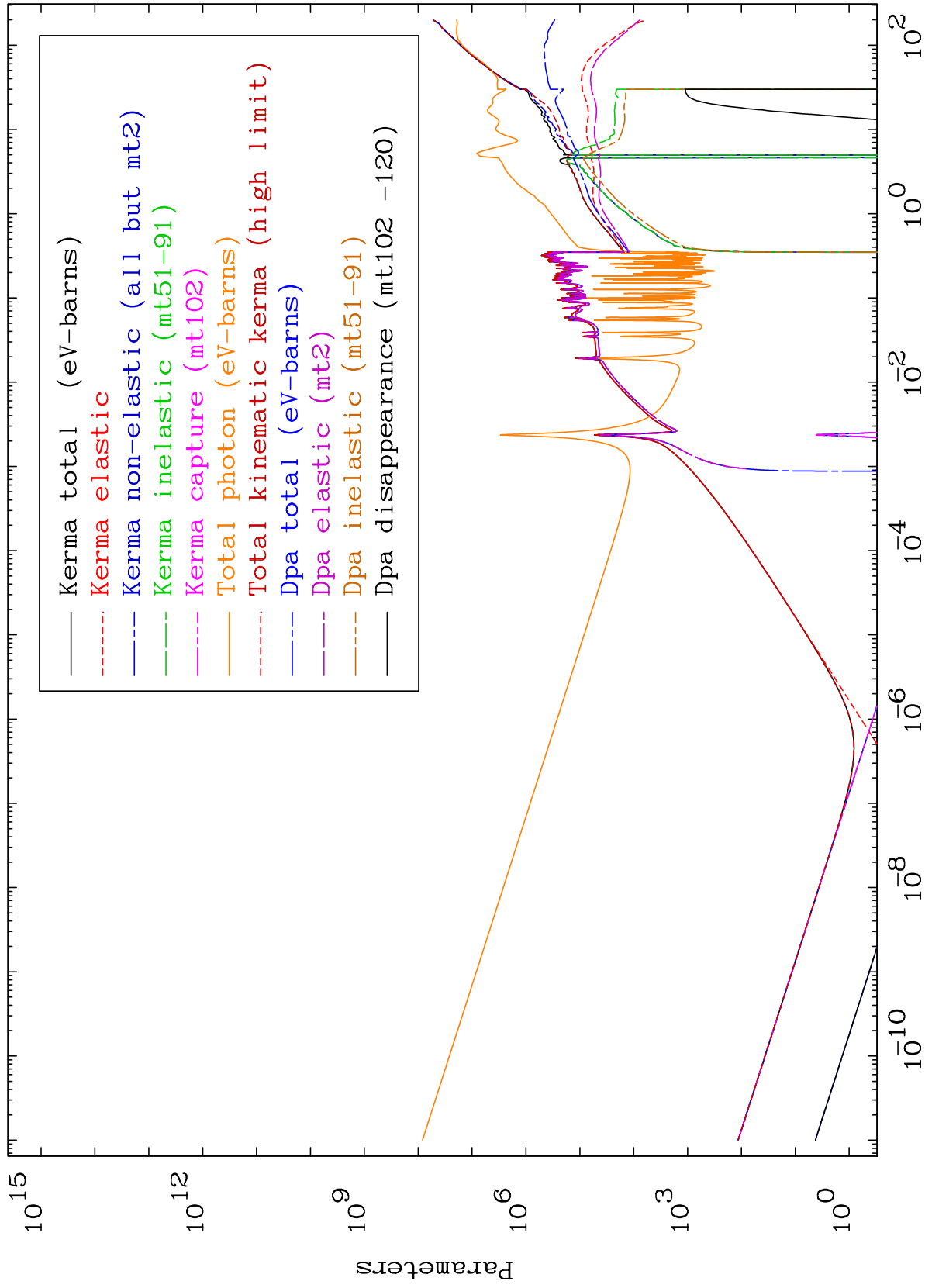
54-Xe-142



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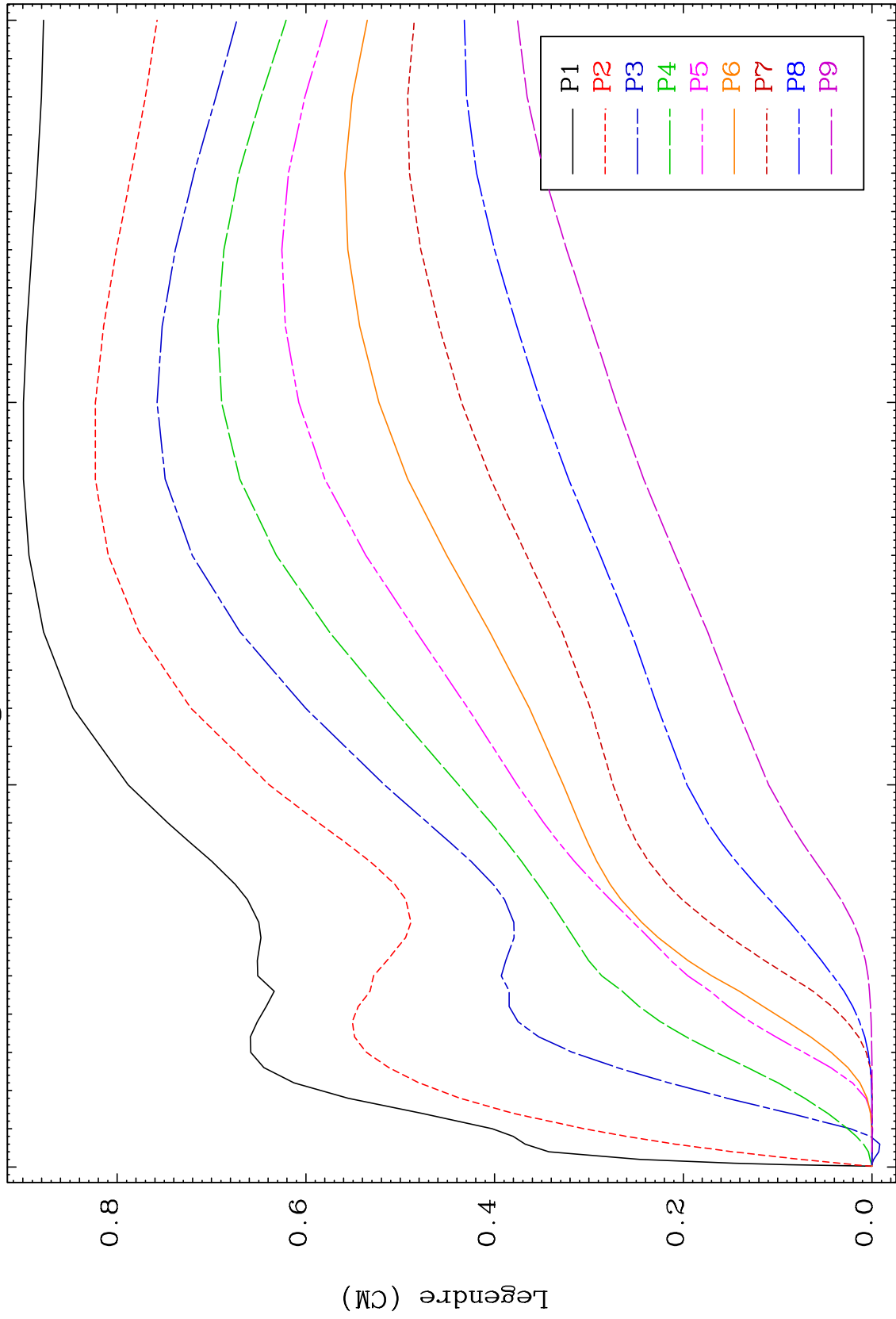
54-Xe-142



MAT 5479

Elastic Legendre Coefficients

54-Xe-142



16

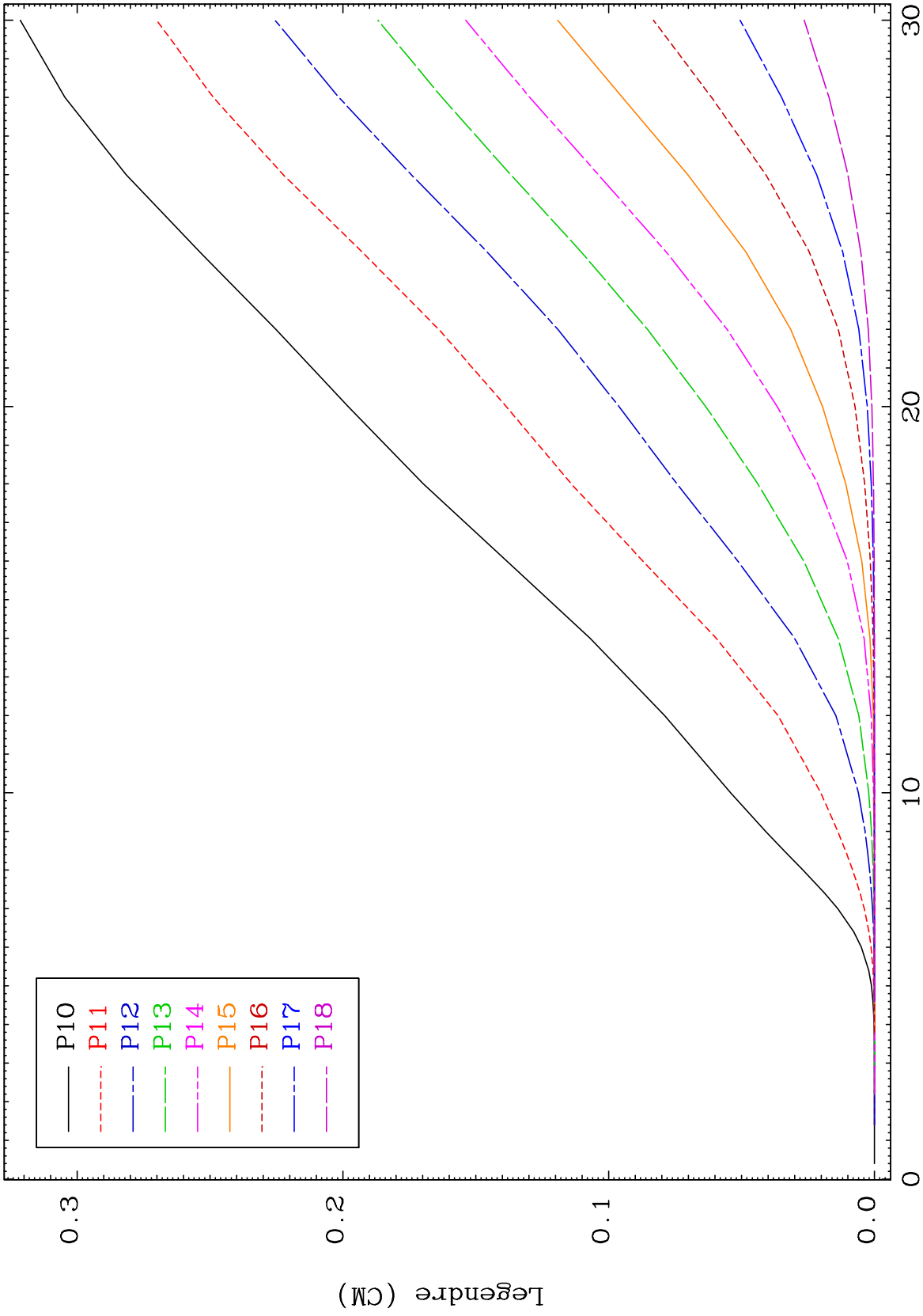
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



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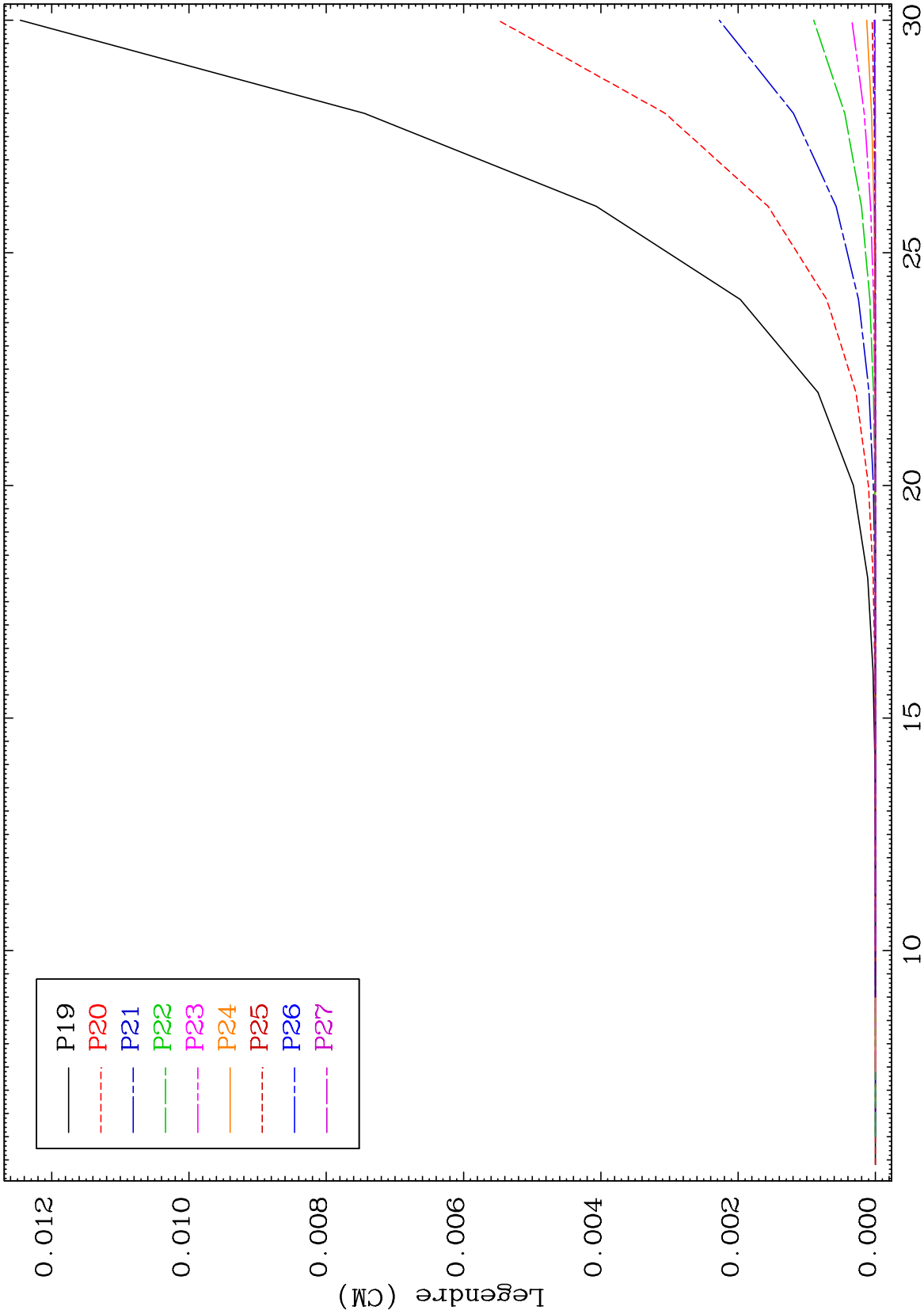
Incident Energy (MeV)

54-Xe-142

MAT 5479

### Elastic Legendre Coefficients

54-Xe-142



18

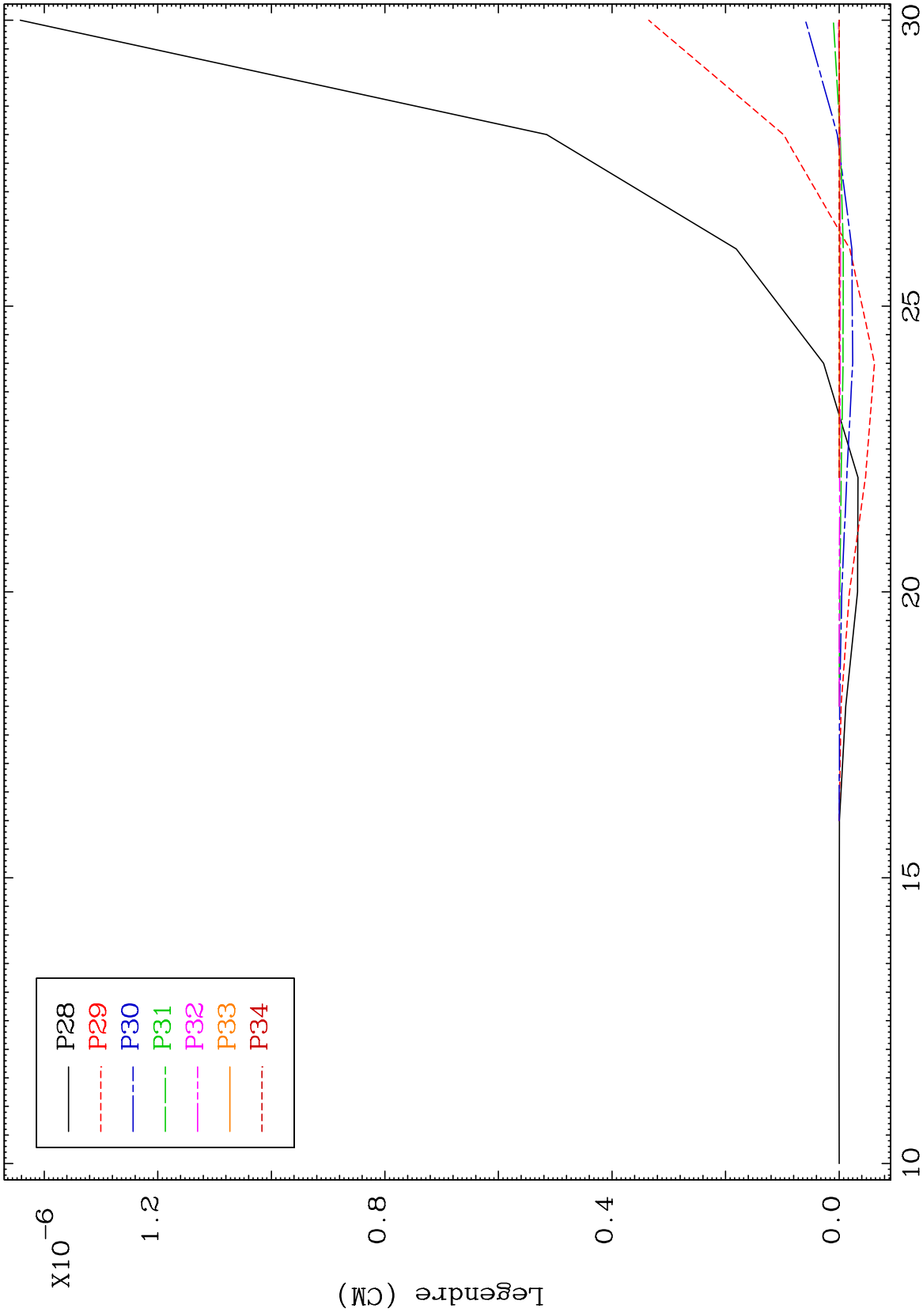
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



19

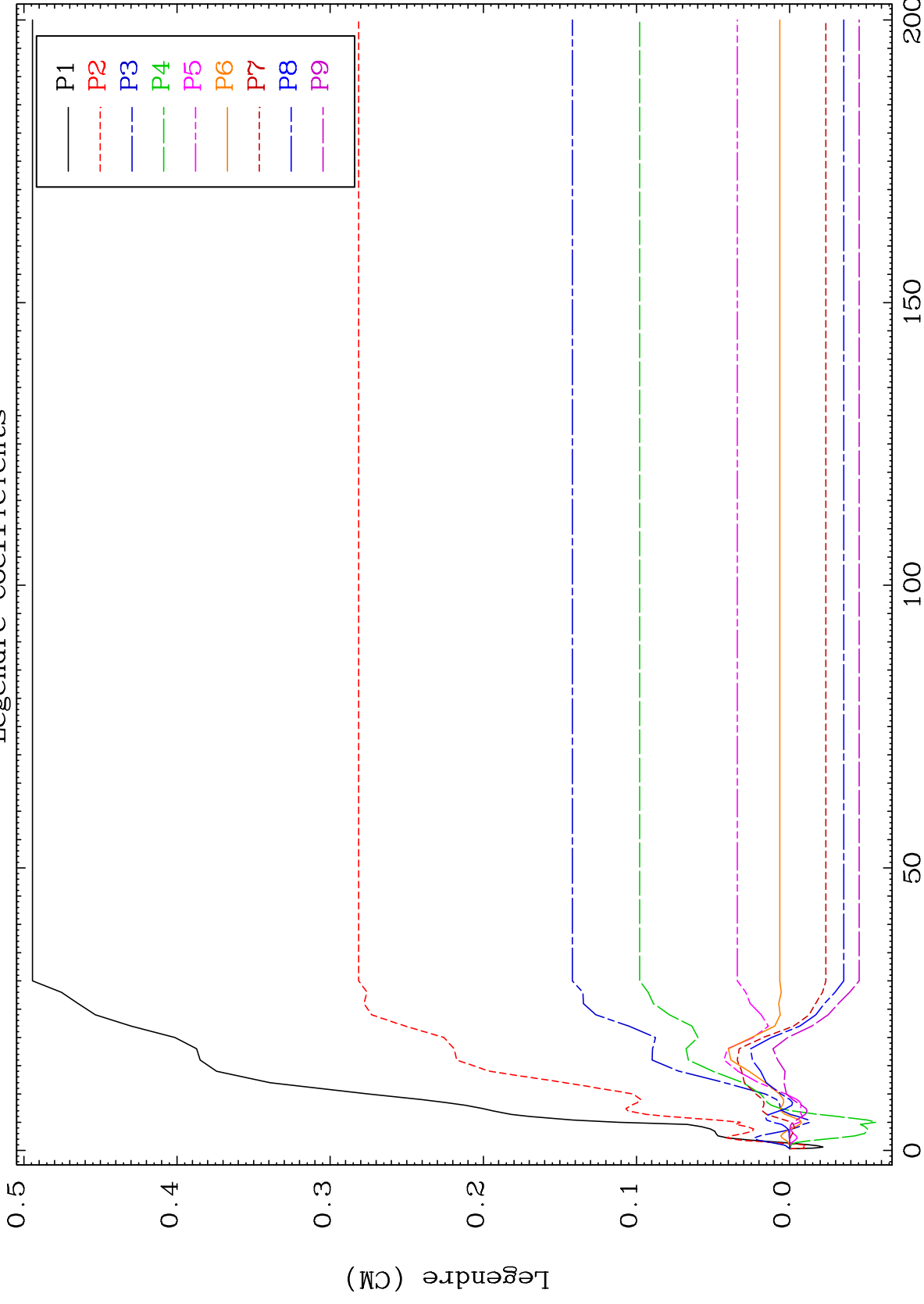
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

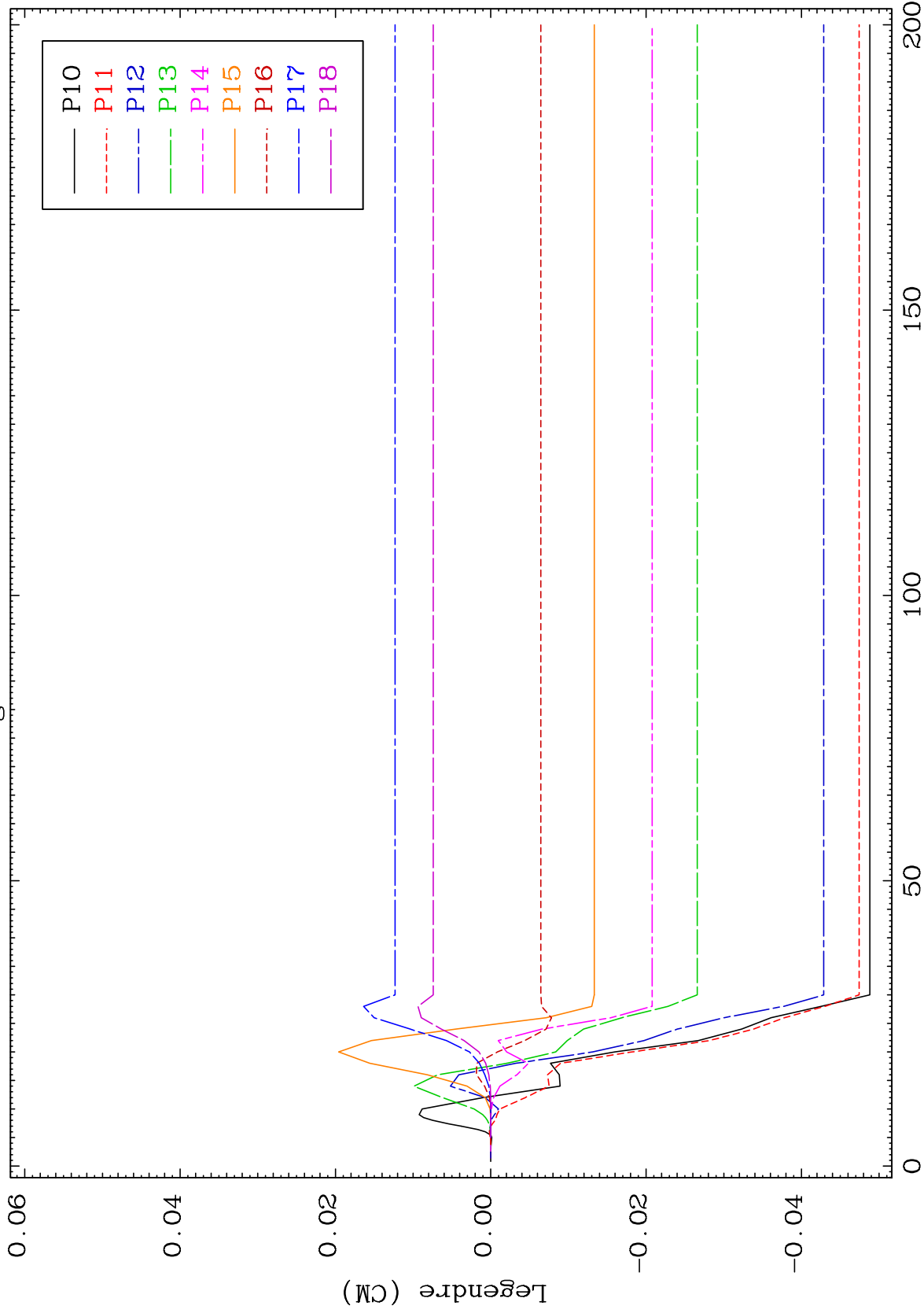
Incident Energy (MeV)

Legendre (CM)

MAT 5479

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

54-Xe-142



21

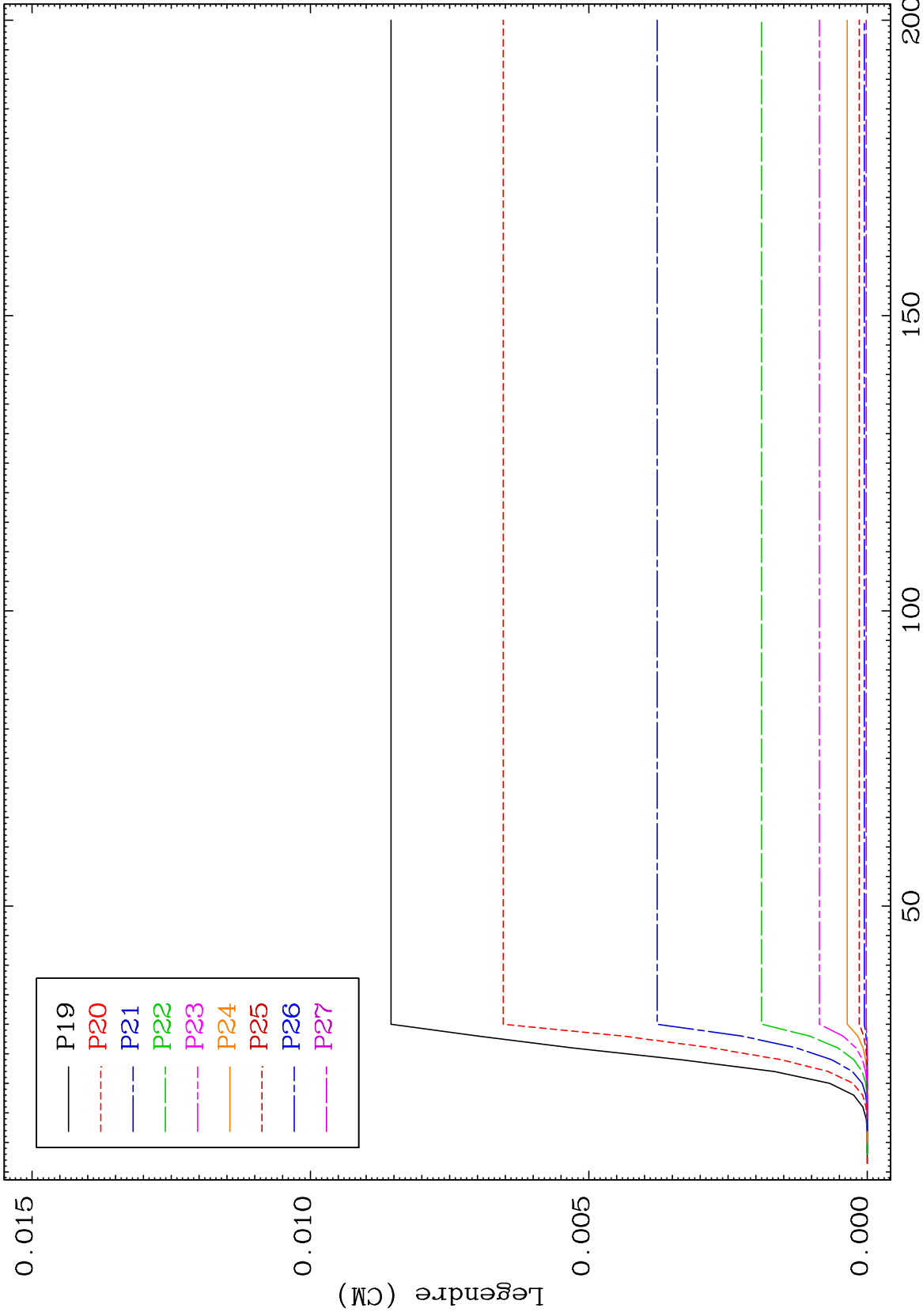
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



22

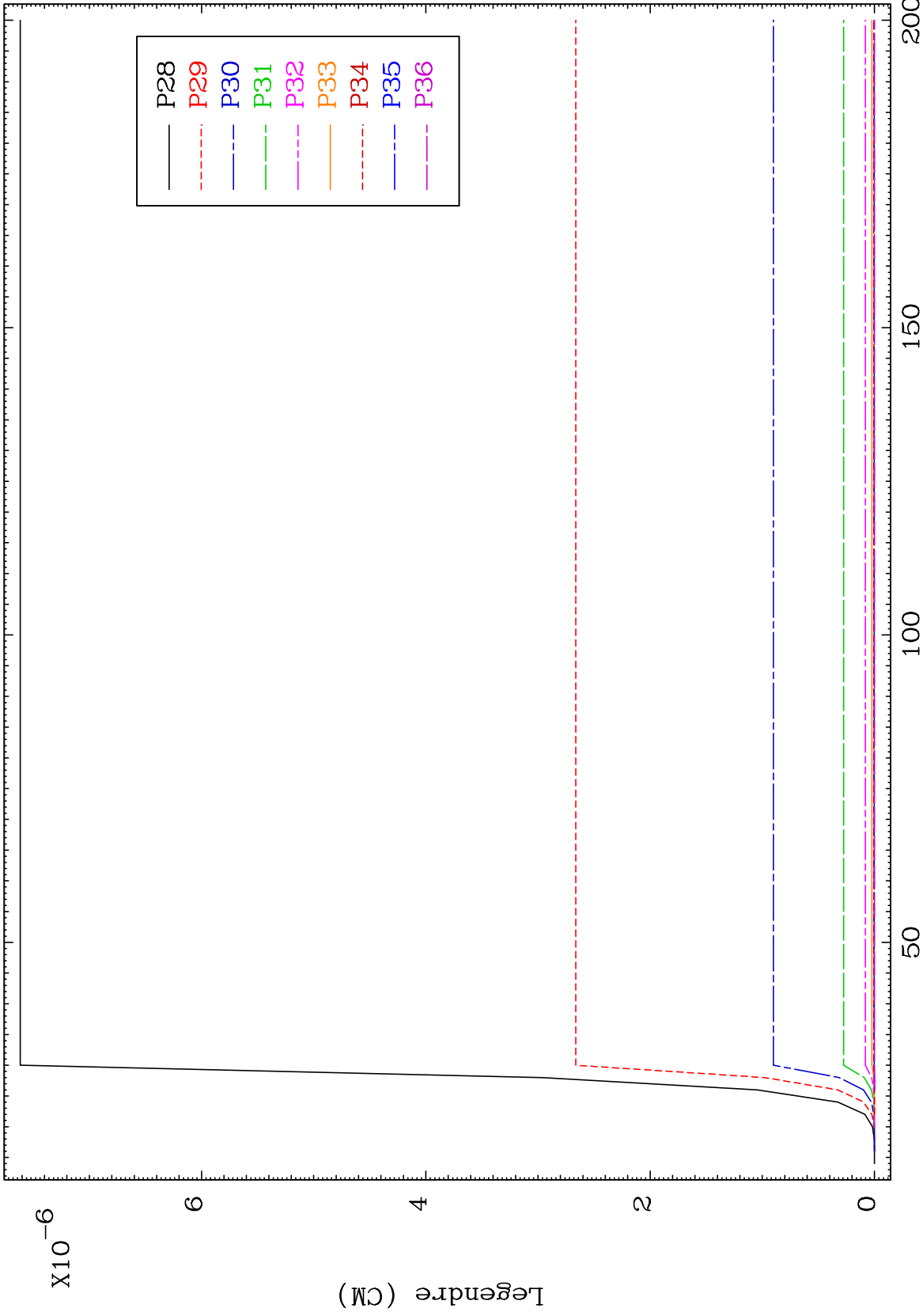
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



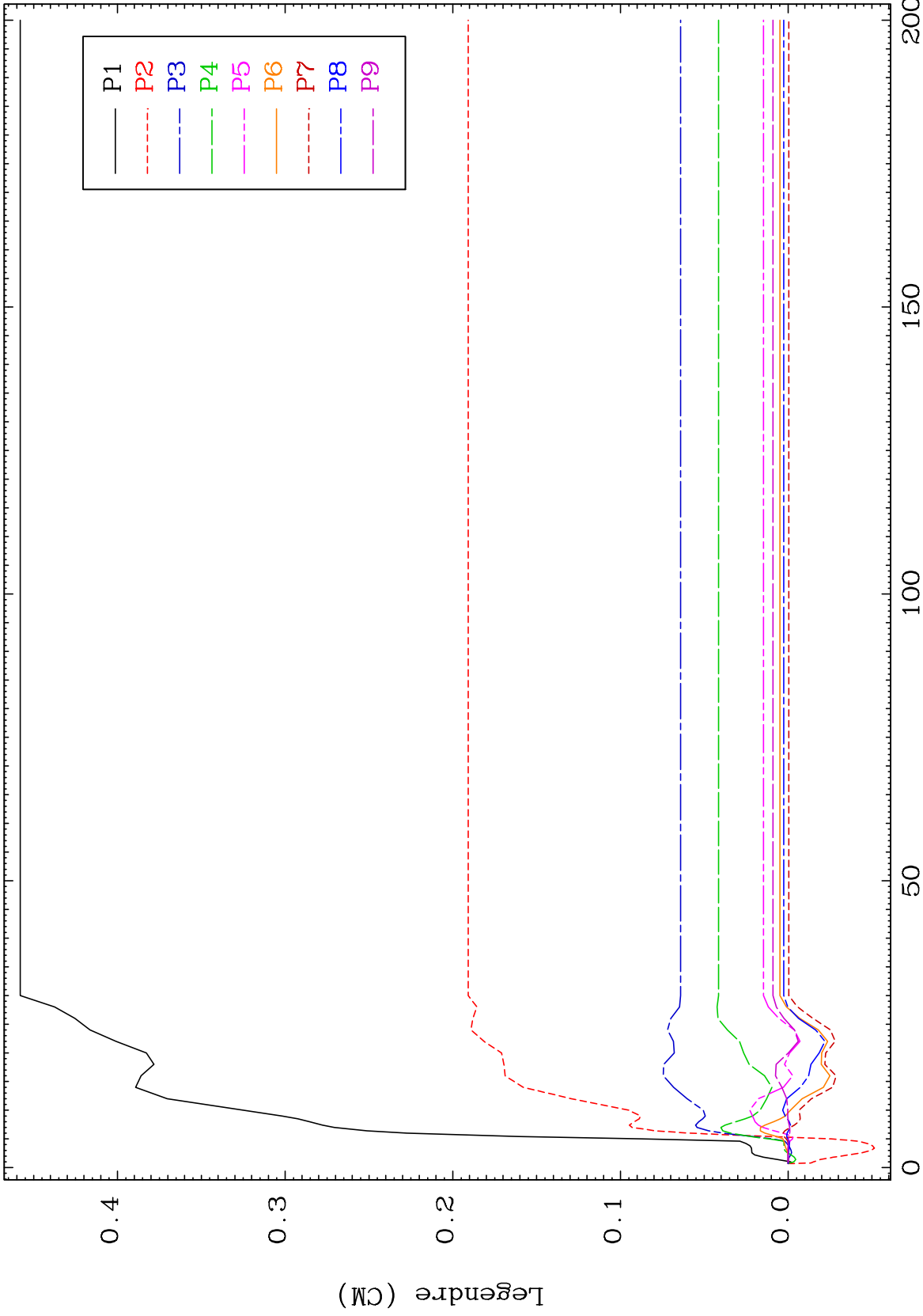
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54-Xe-142

MAT 5479

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

54-Xe-142



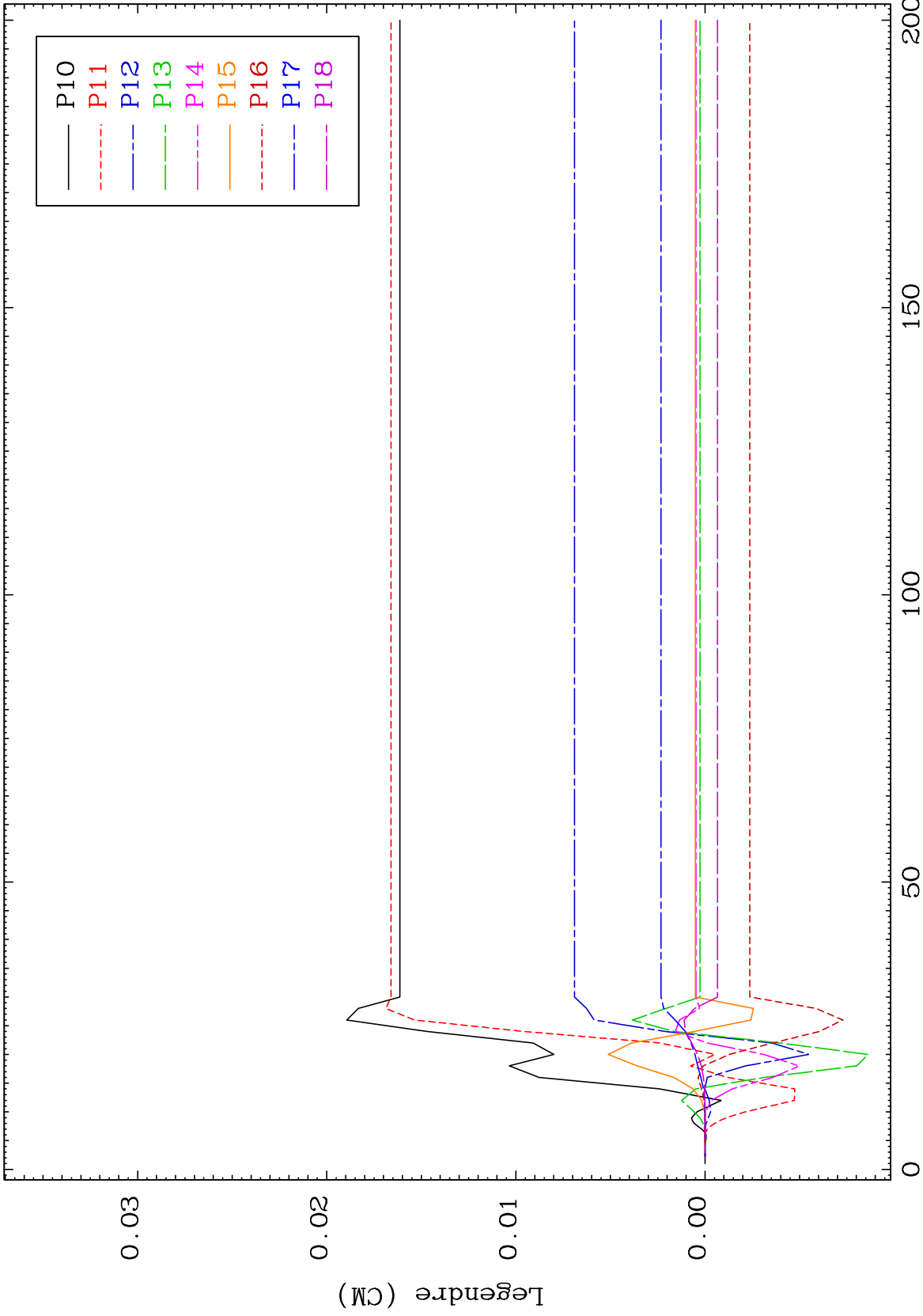
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54-Xe-142

MAT 5479

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

54-Xe-142



25

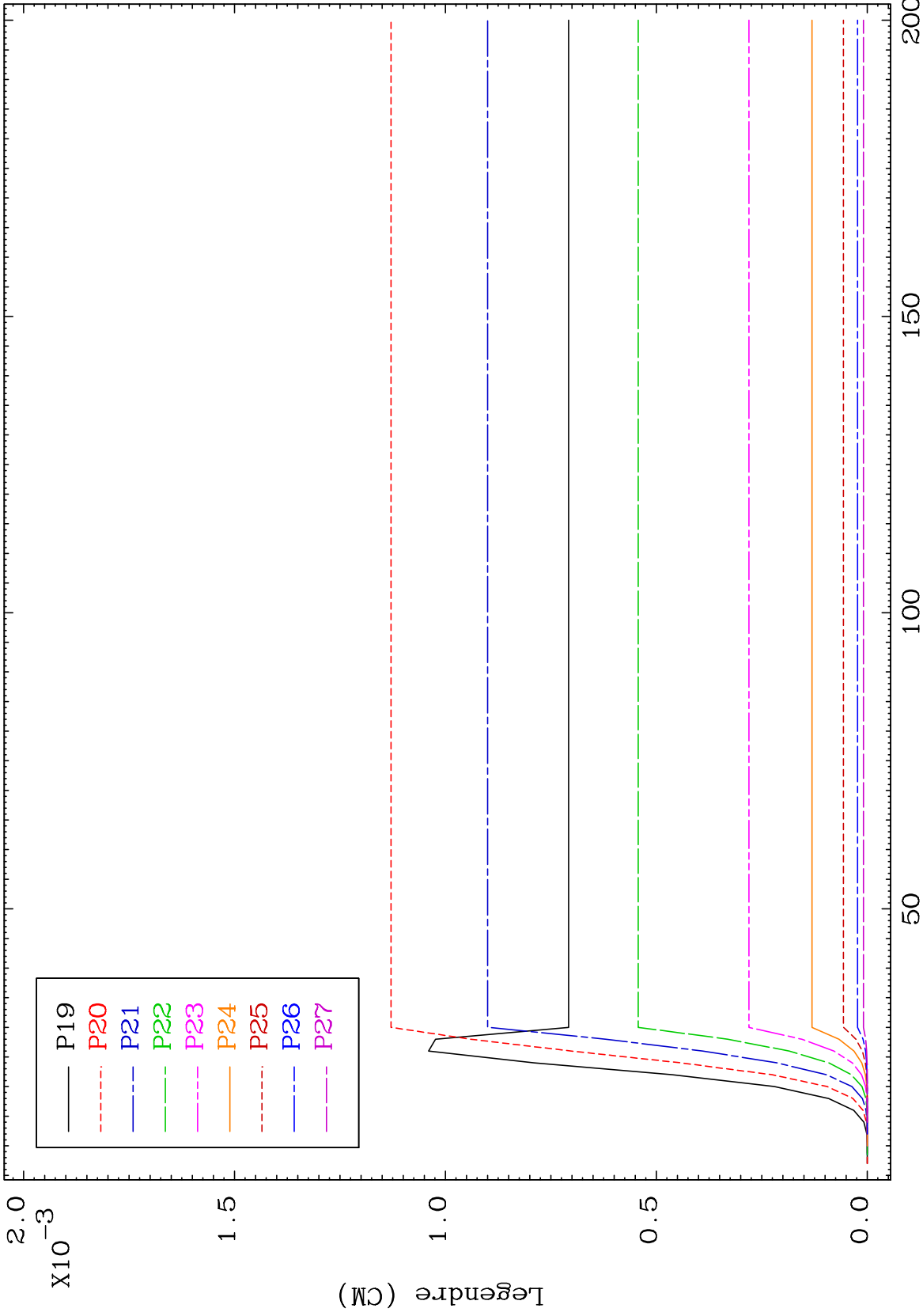
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



26

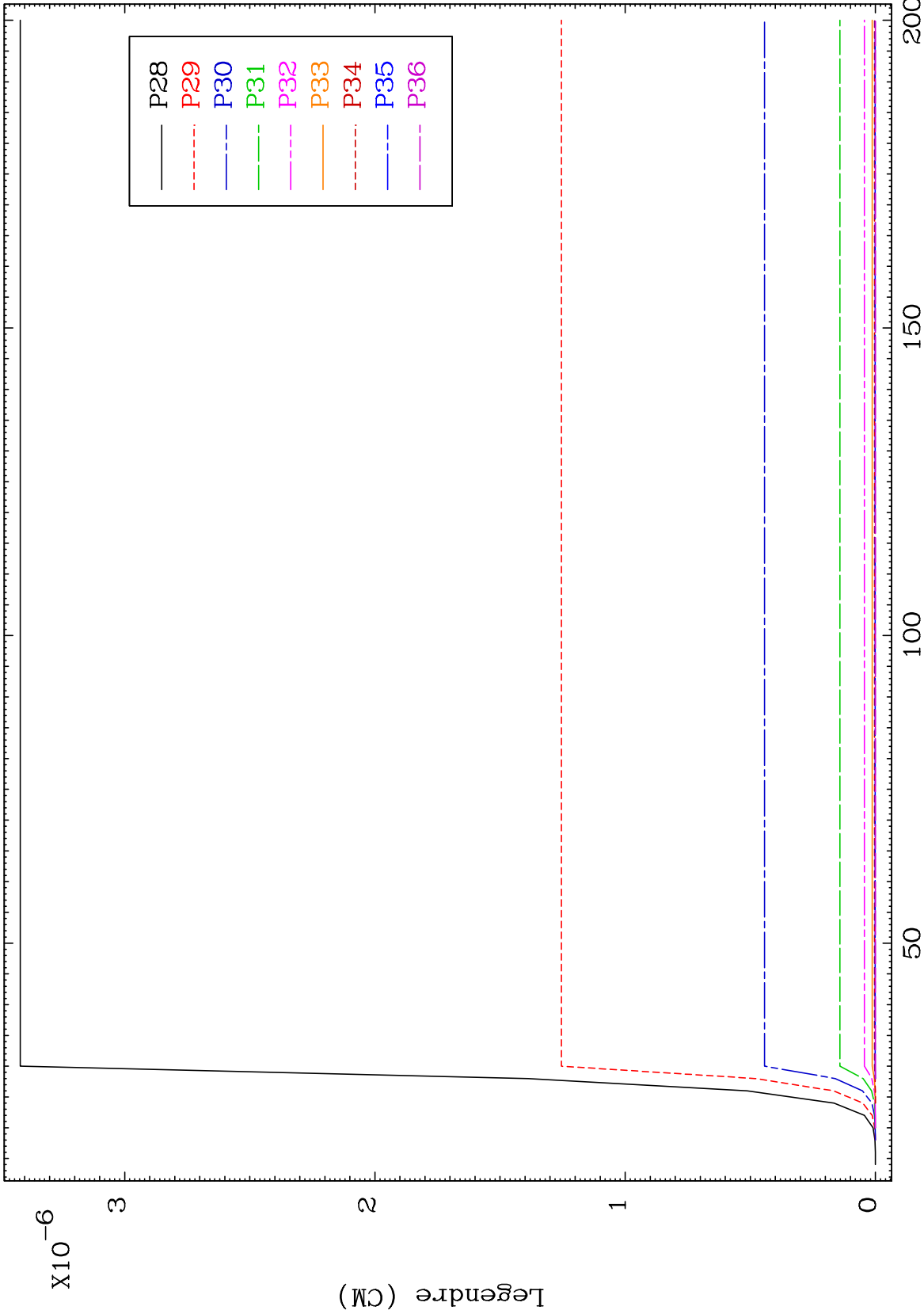
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



27

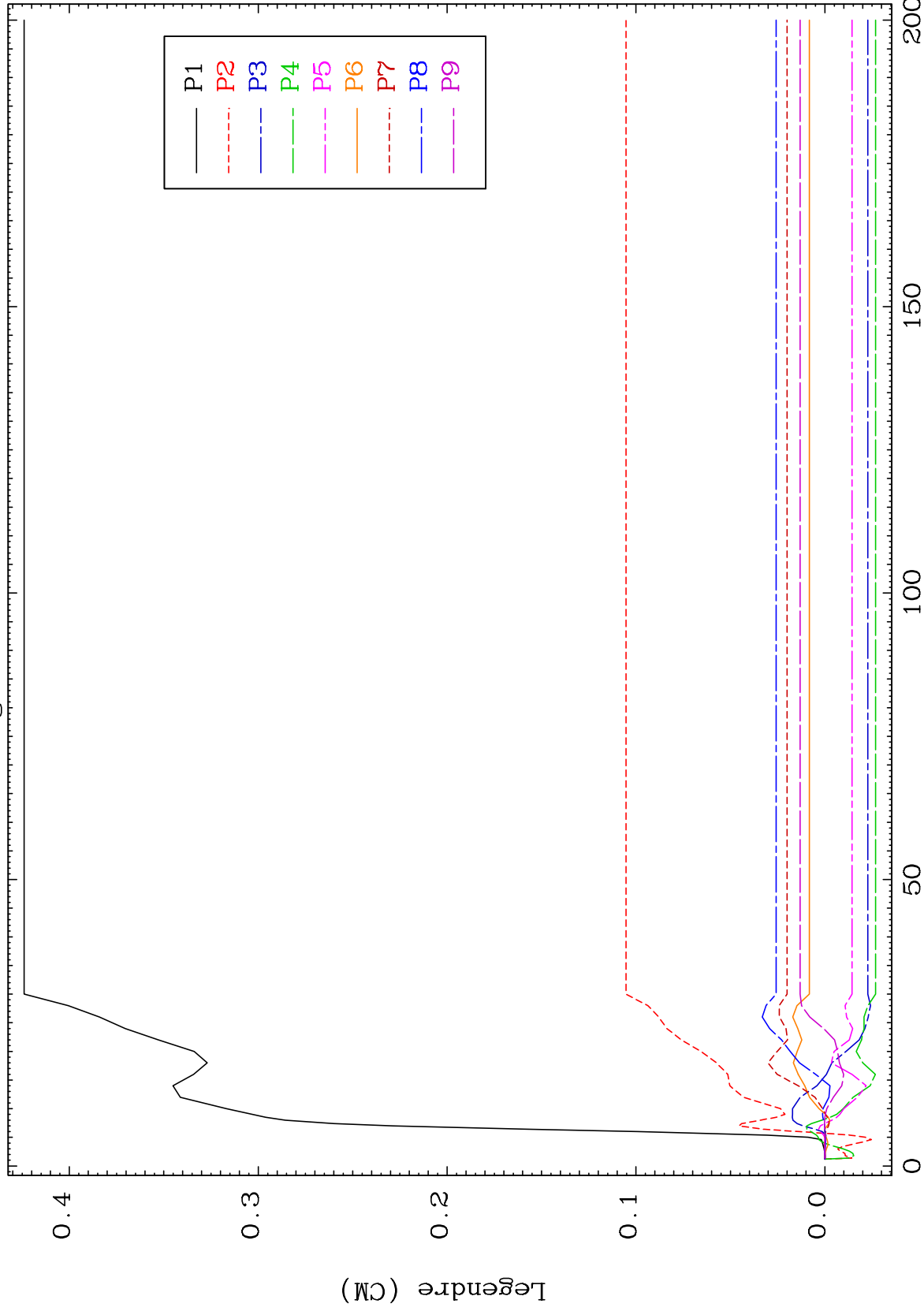
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



28

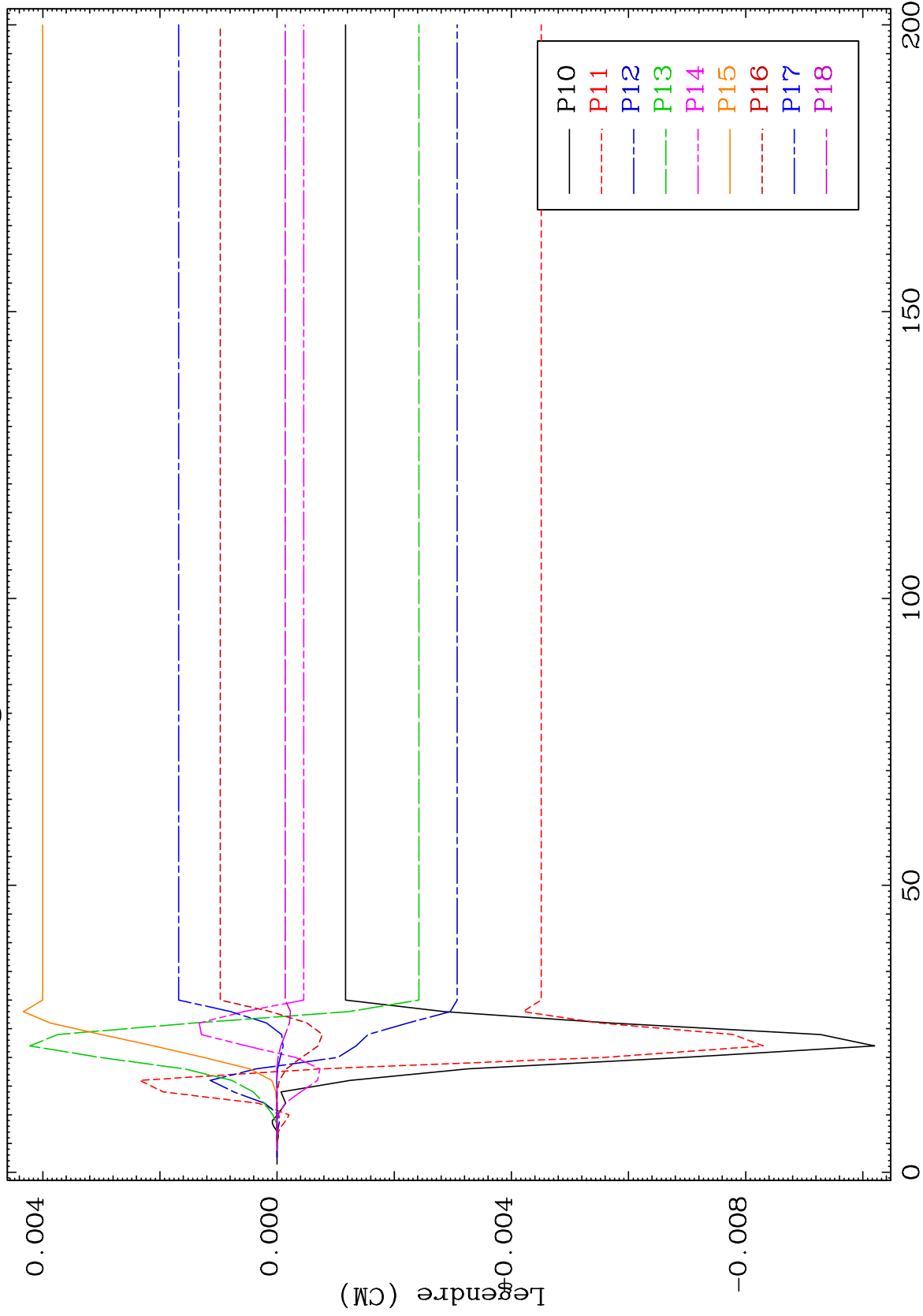
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142

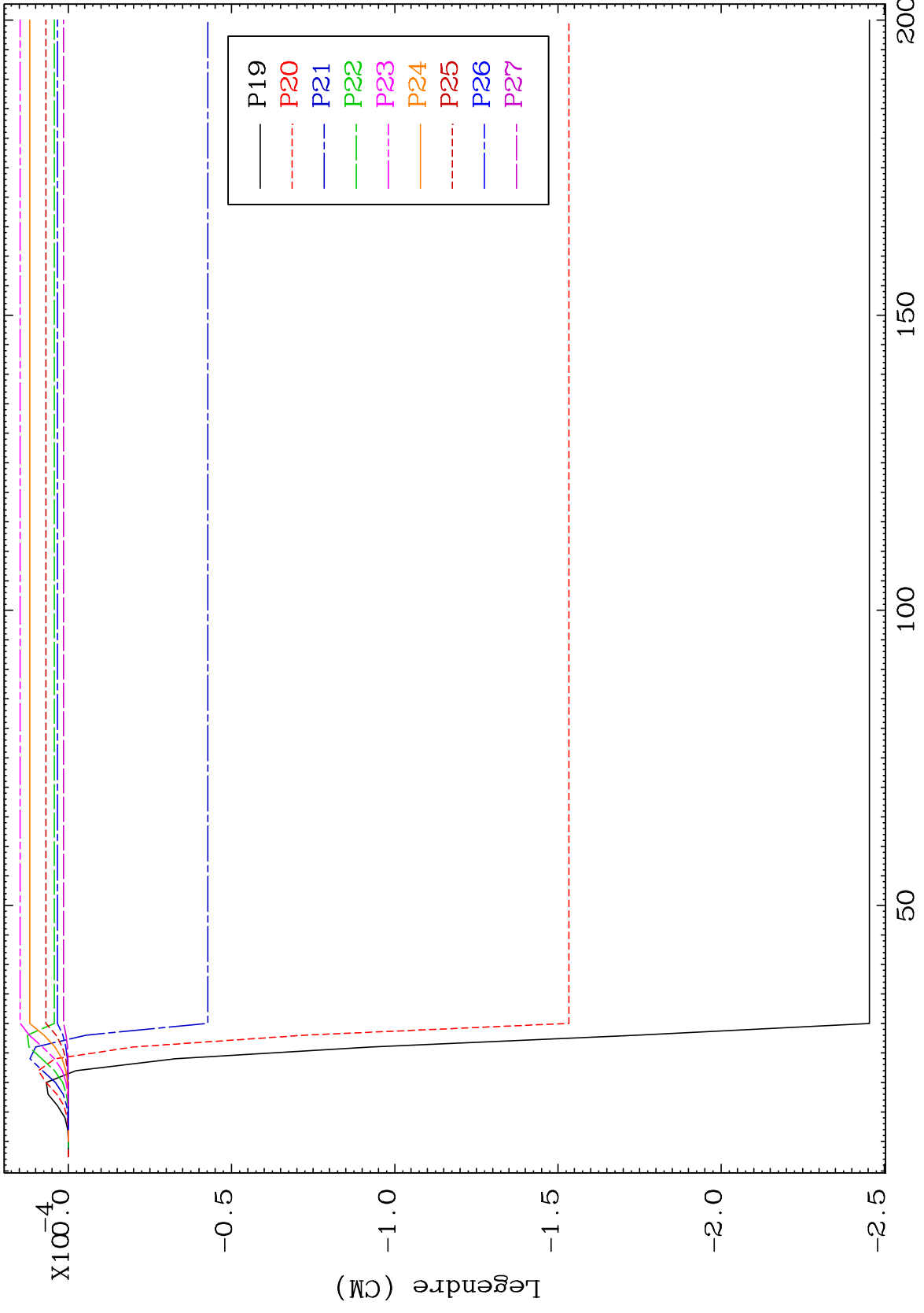


29

Incident Energy (MeV)

54-Xe-142

MAT 5479 MT= 53 (n,n') Level Legendre Coefficients 54-Xe-142

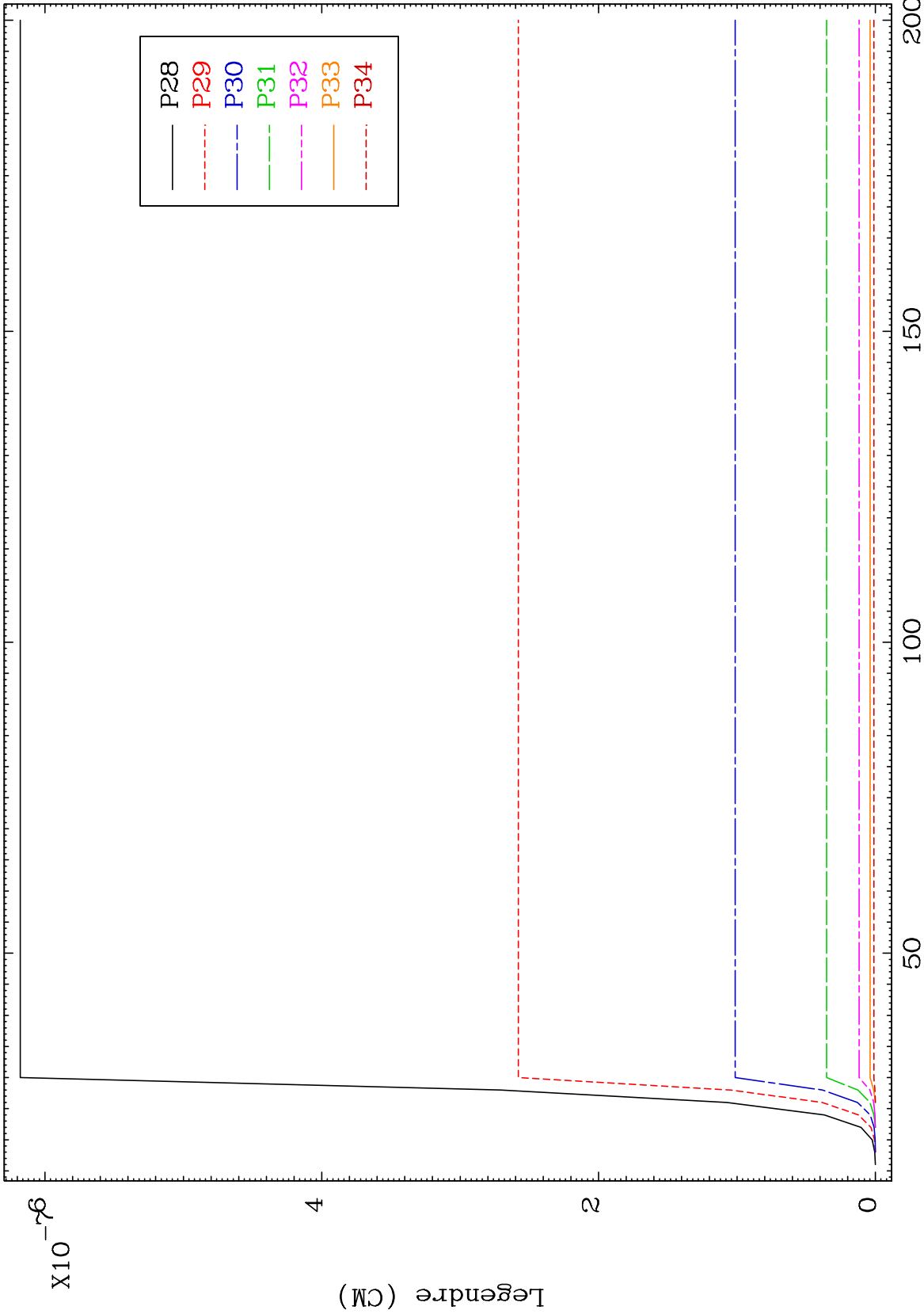


30 Incident Energy (MeV) 54-Xe-142

MAT 5479

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

54-Xe-142



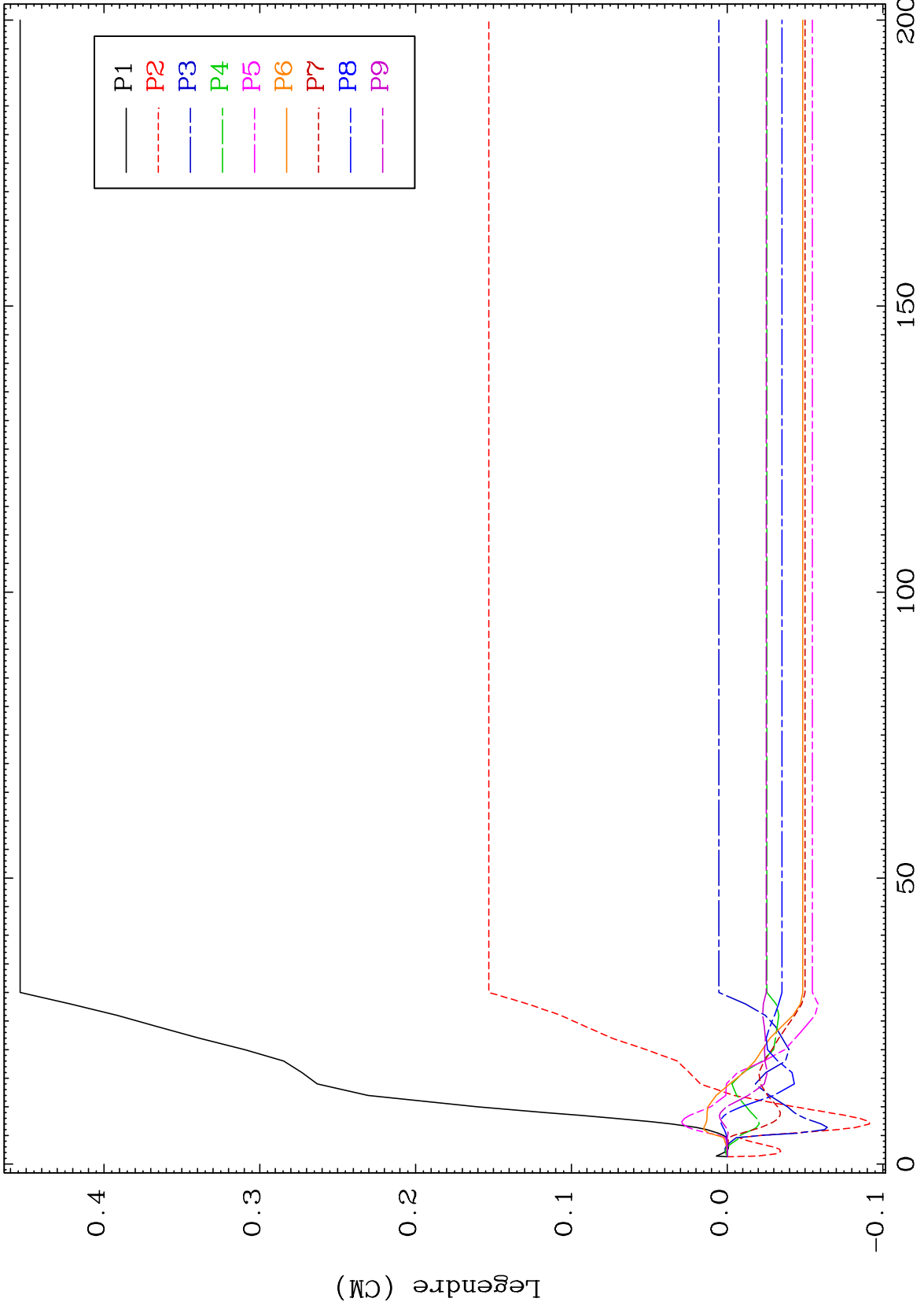
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54-Xe-142

MAT 5479

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

54-Xe-142



32

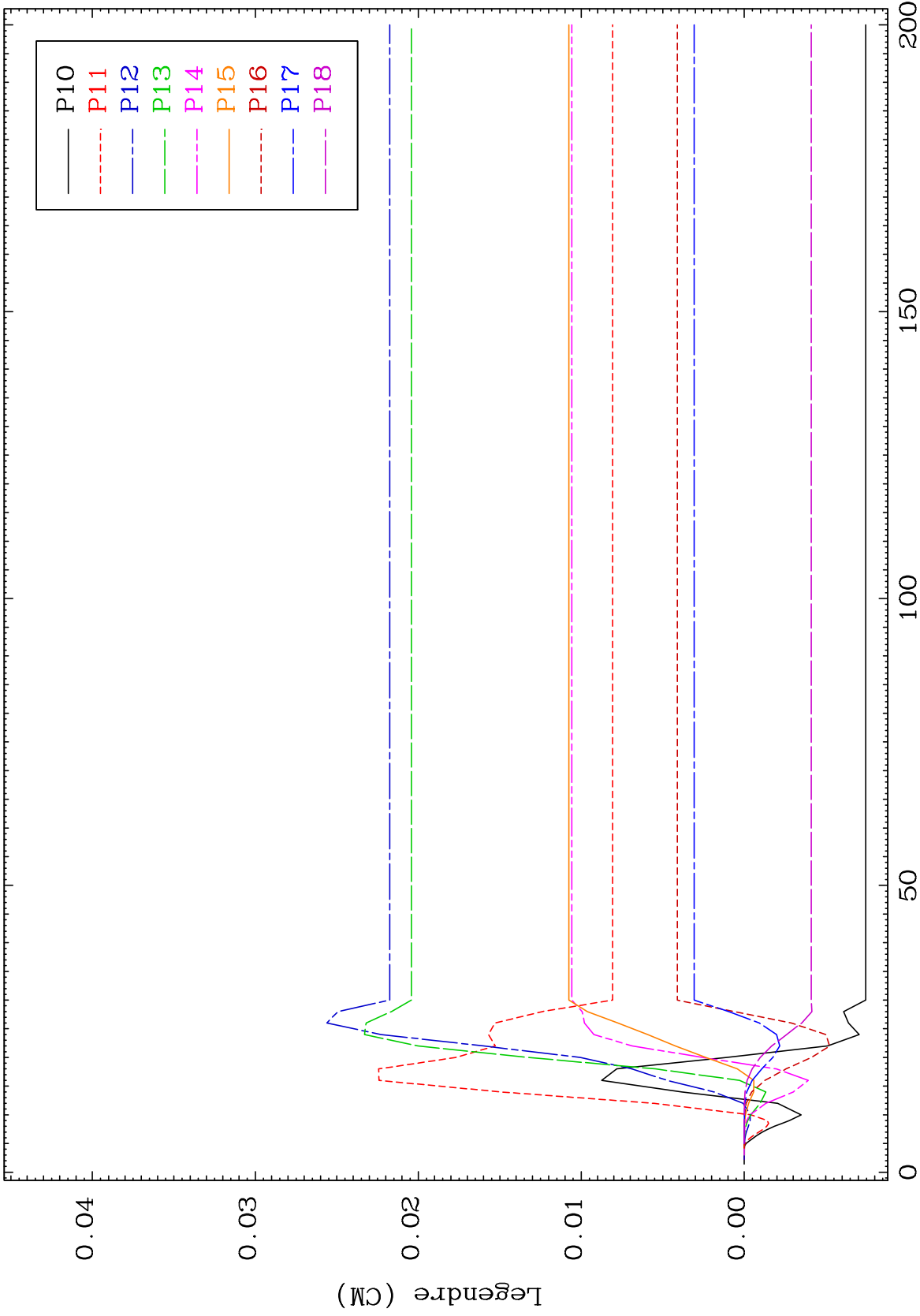
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



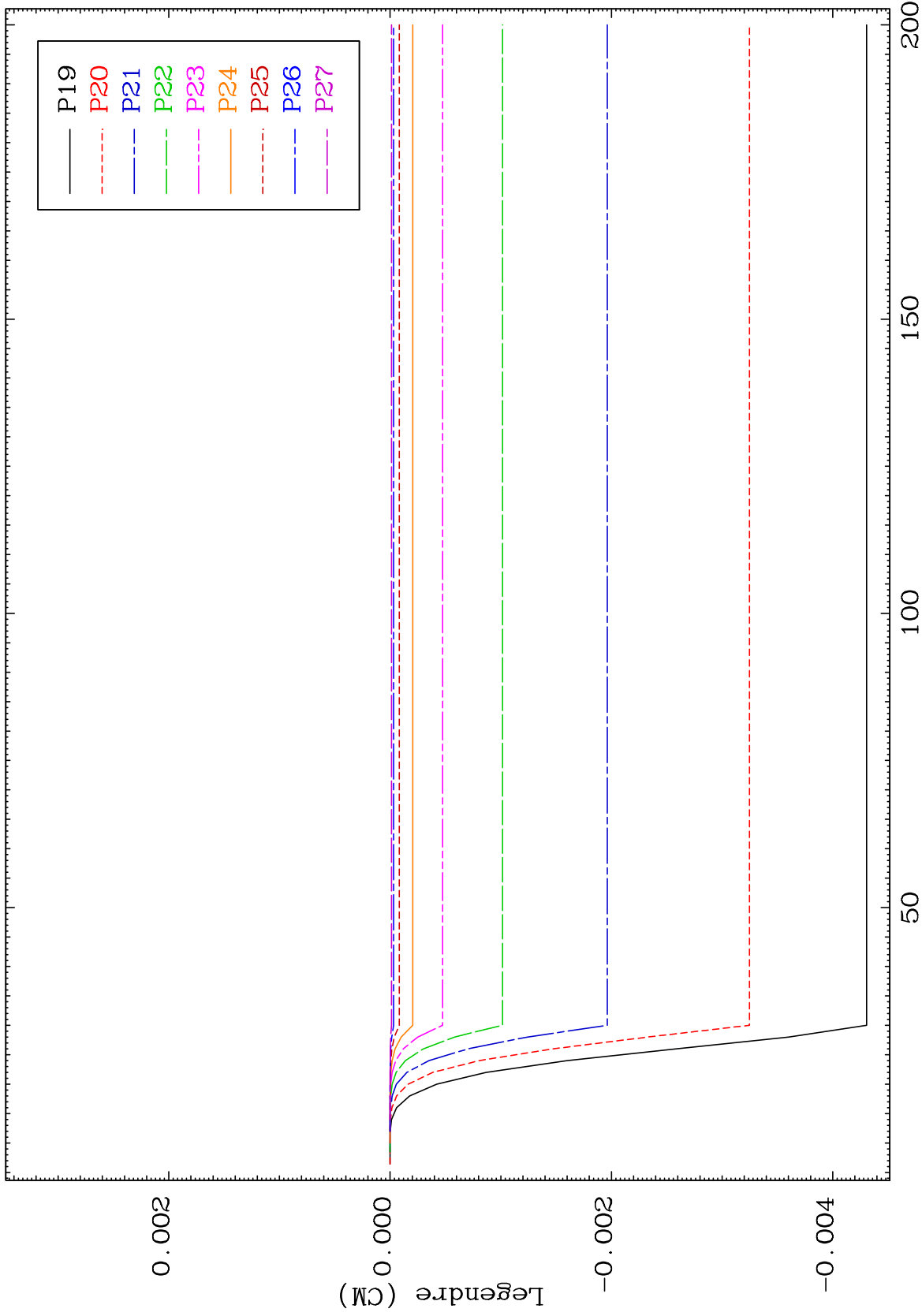
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MAT 5479

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

54-Xe-142



34

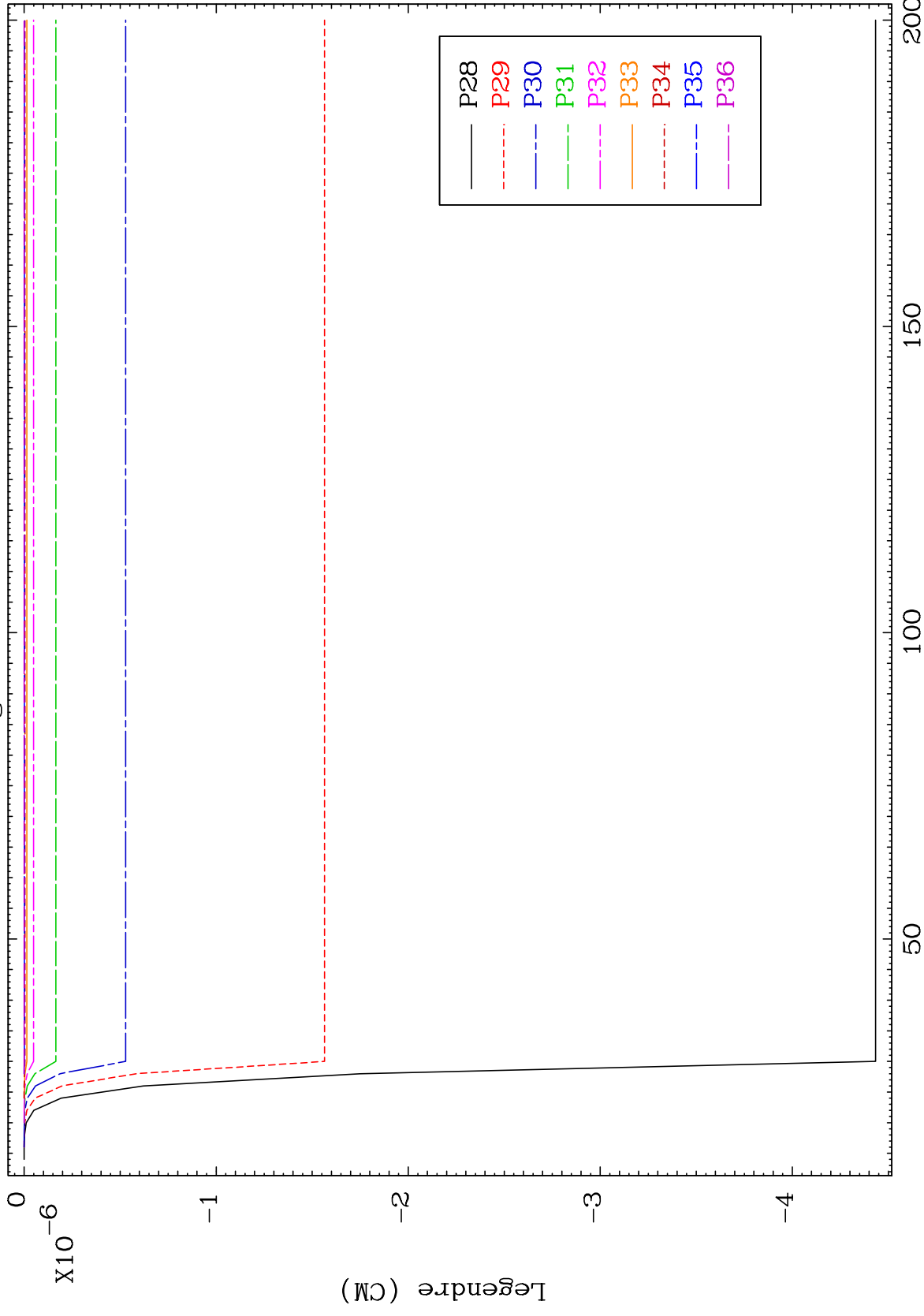
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

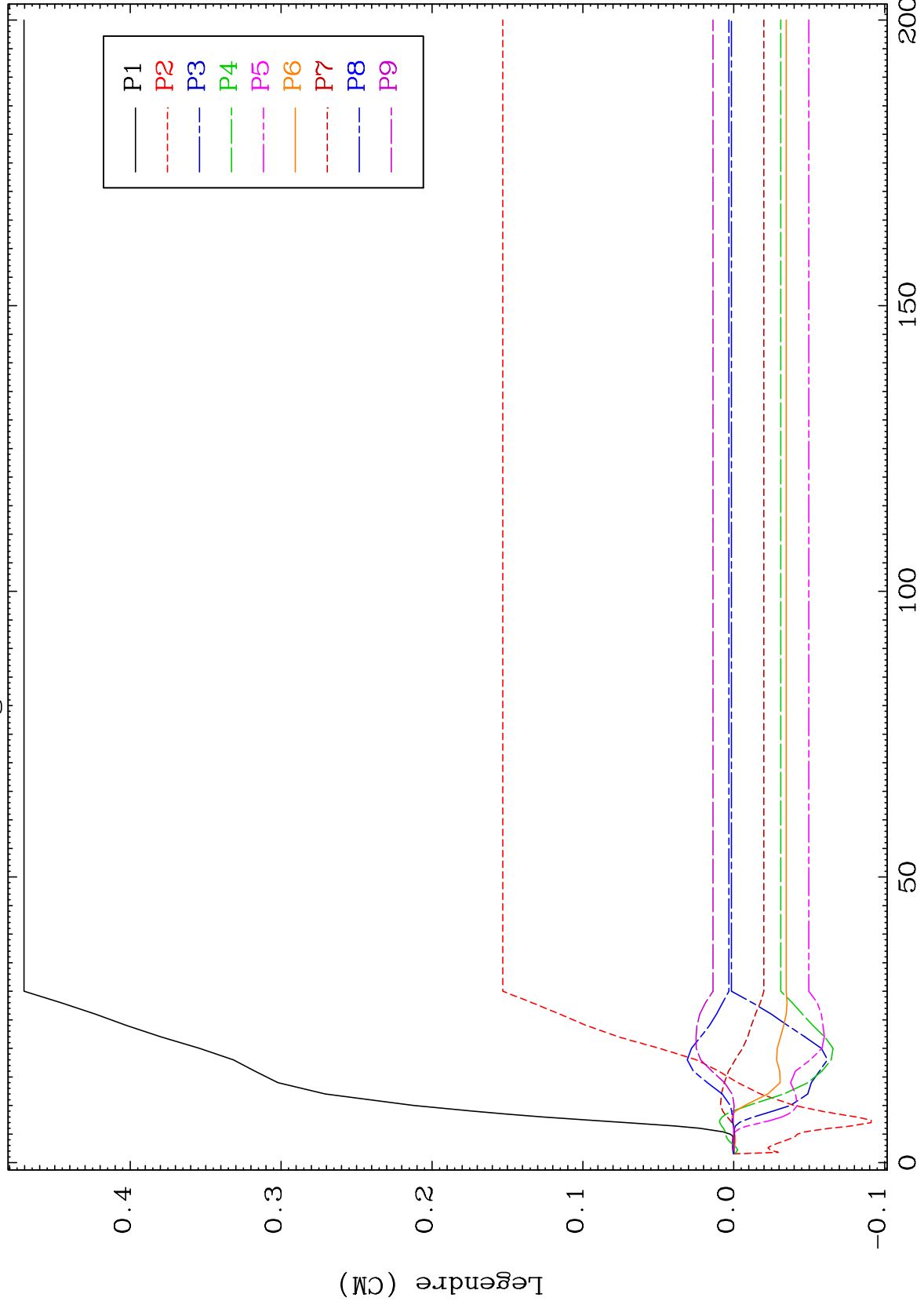
Incident Energy (MeV)

35

MAT 5479

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

54-Xe-142



36

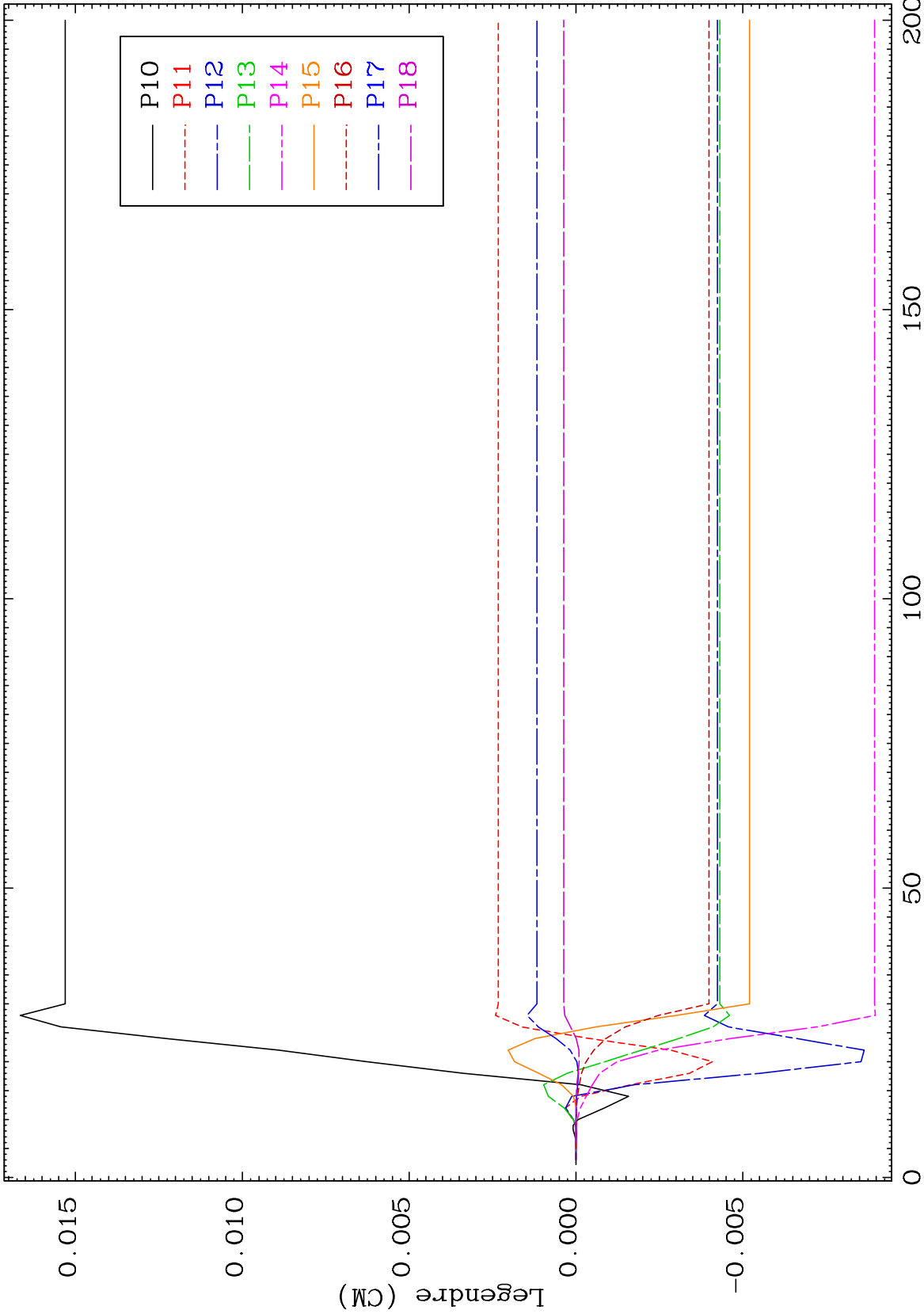
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



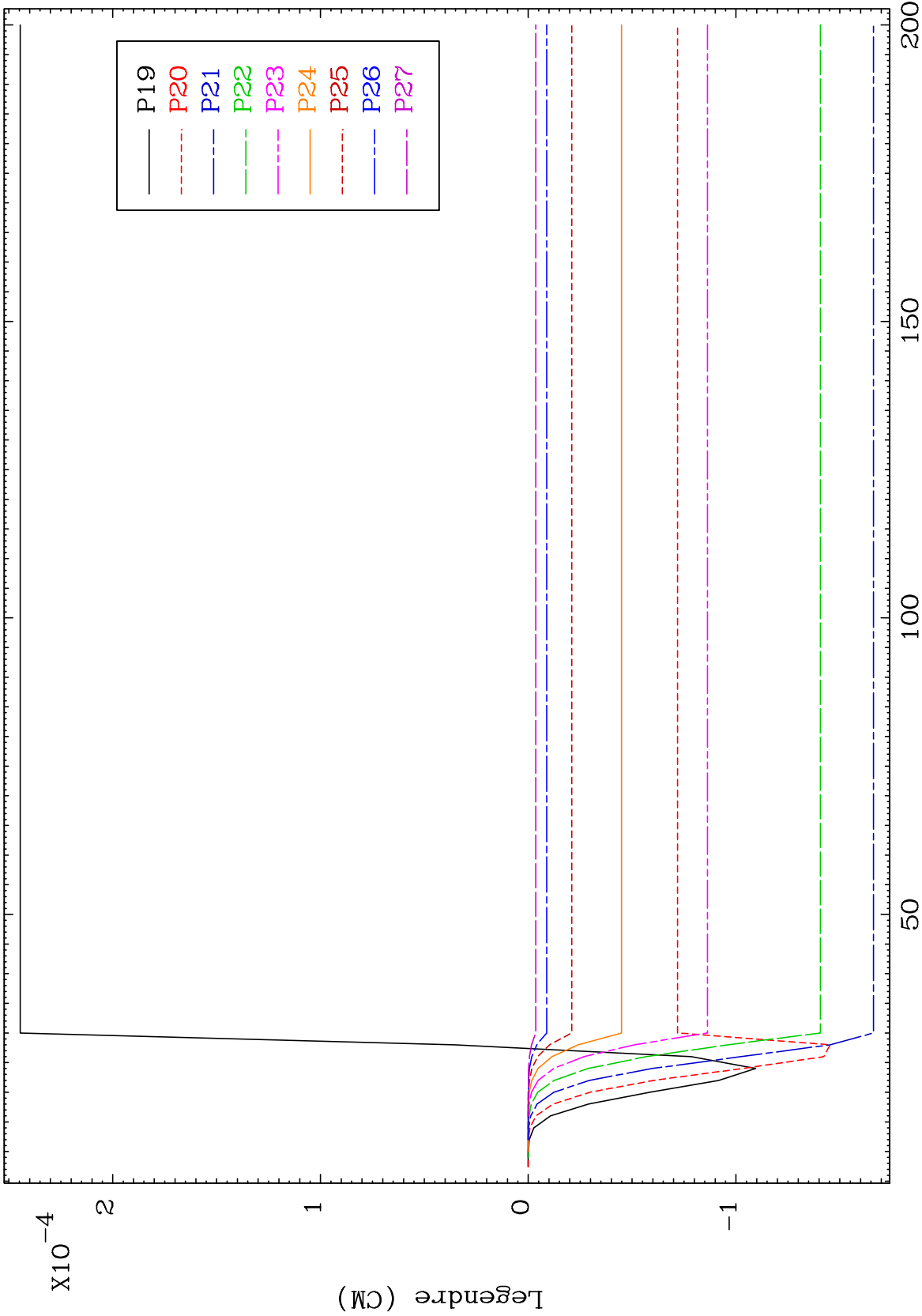
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54-Xe-142

MAT 5479

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

54-Xe-142



38

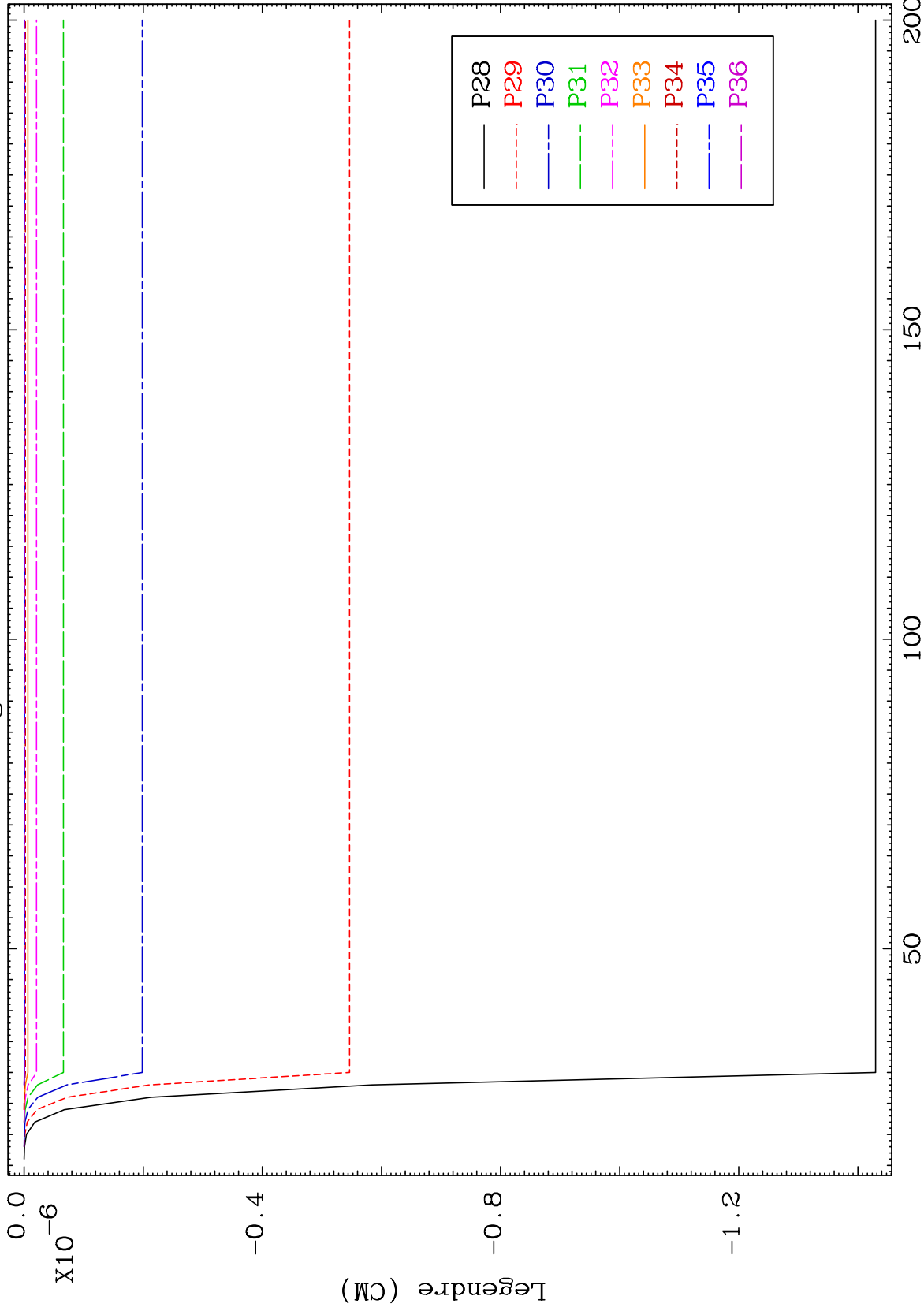
Incident Energy (MeV)

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MAT 5479

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

54-Xe-142



39

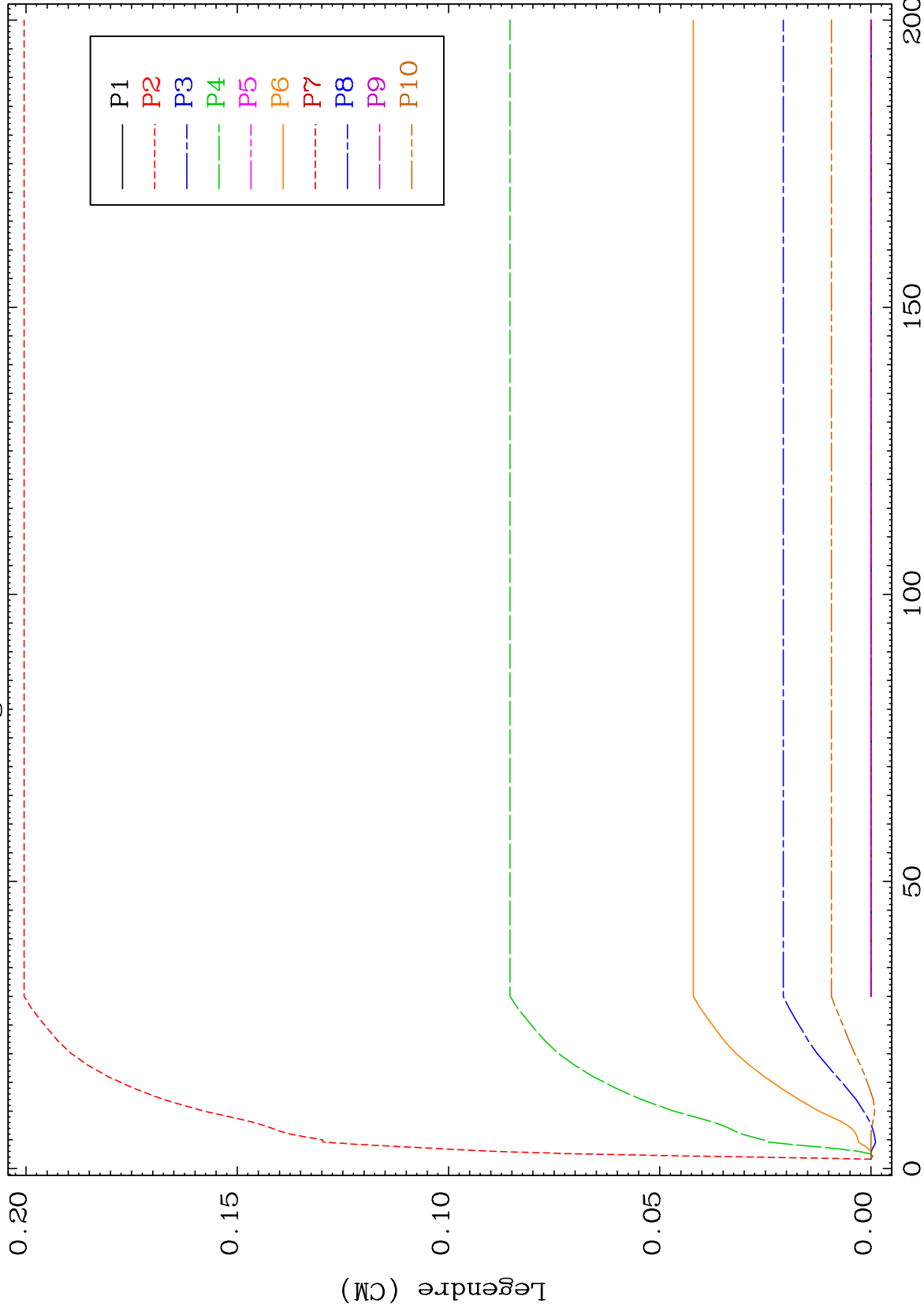
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

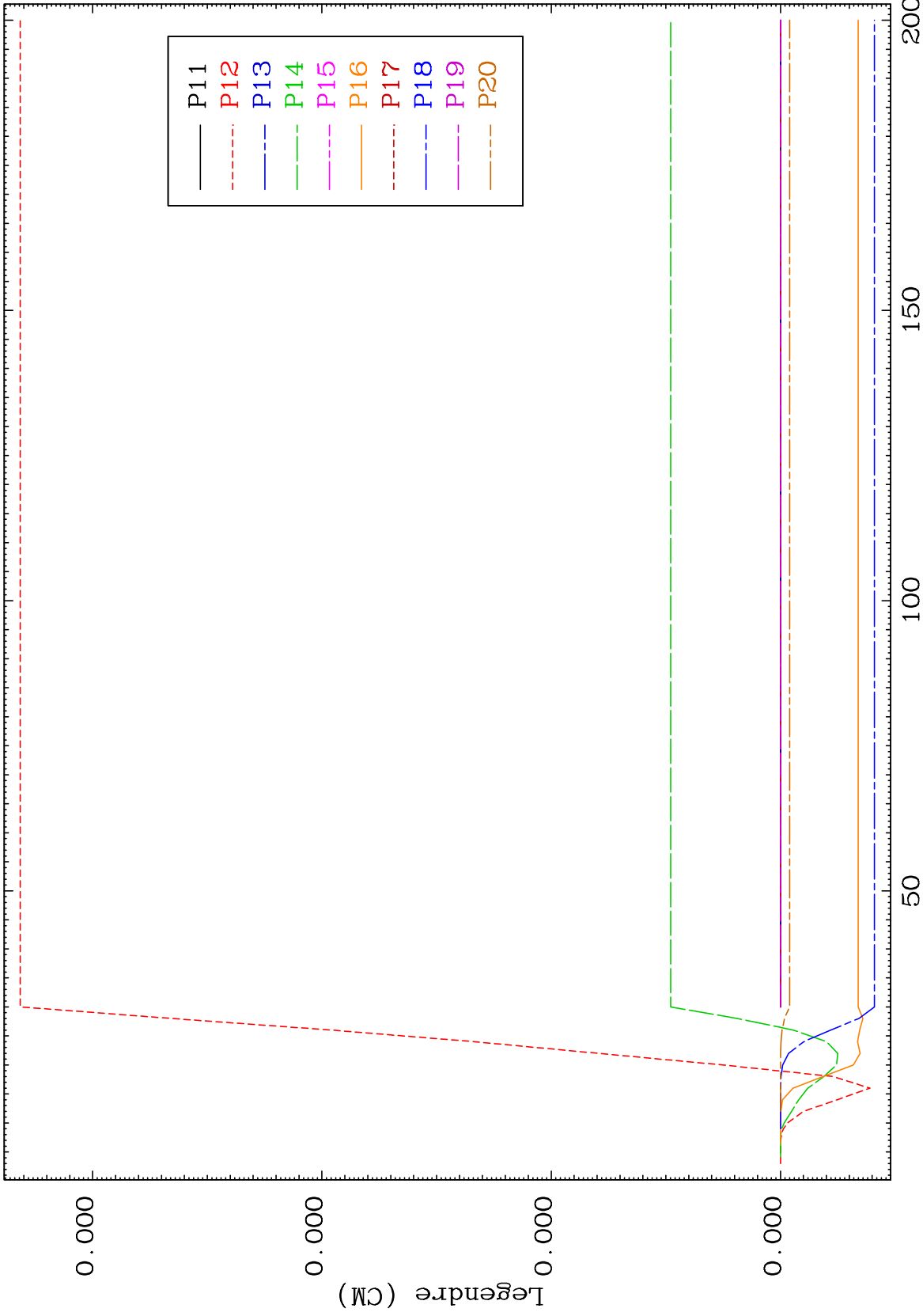
54-Xe-142



MAT 5479

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

54-Xe-142



41

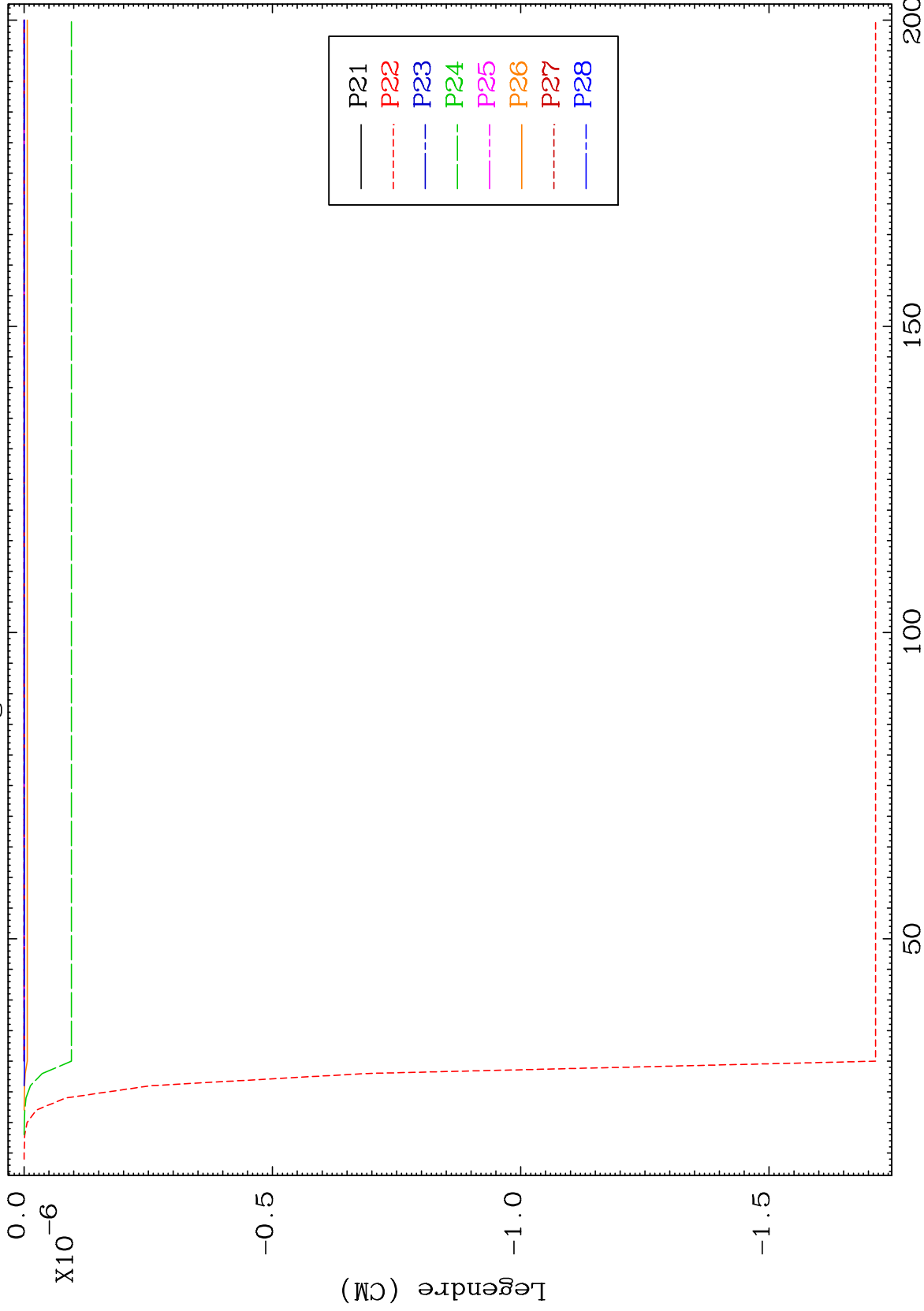
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



42

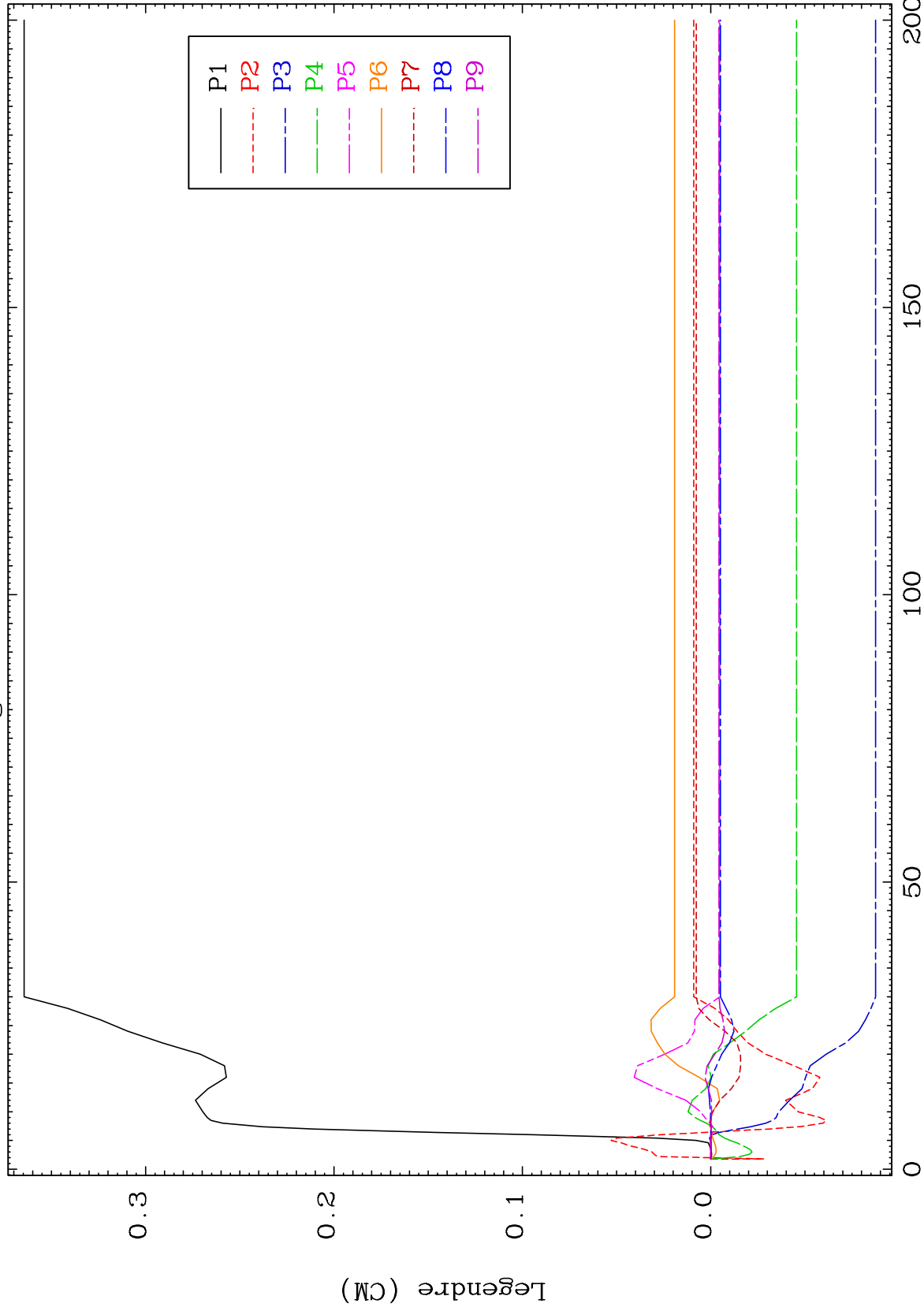
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



43

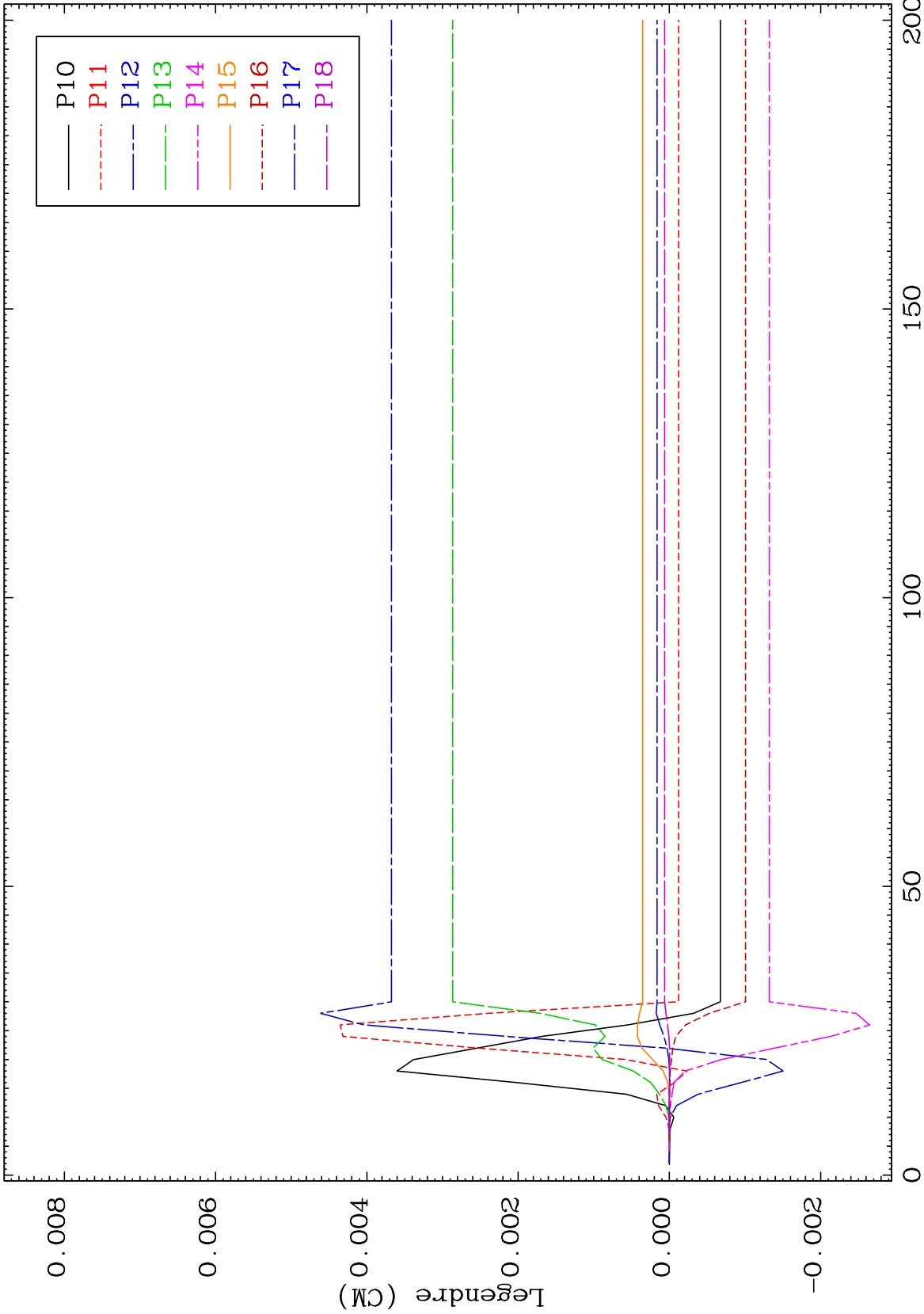
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



44

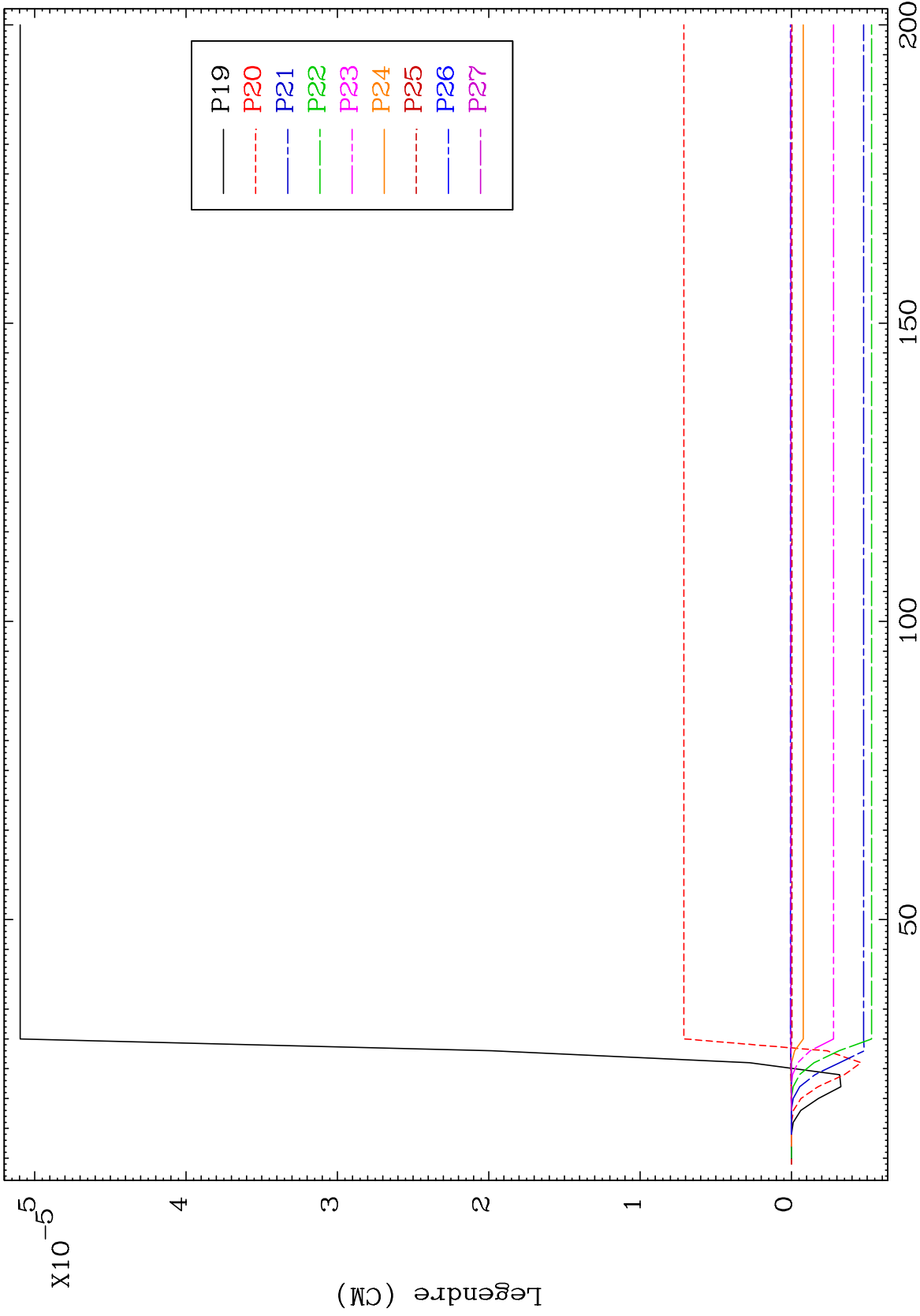
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



45

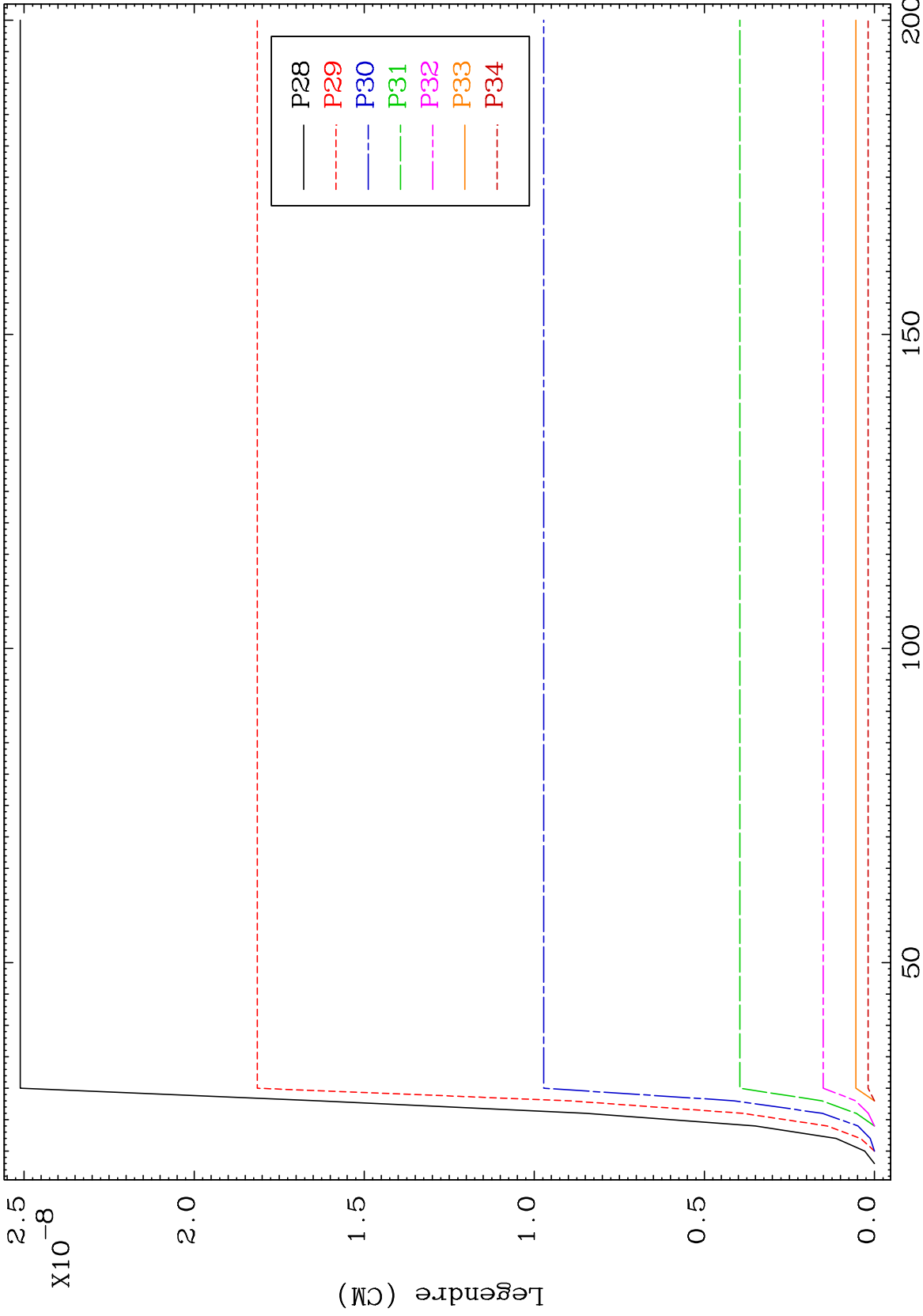
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



46

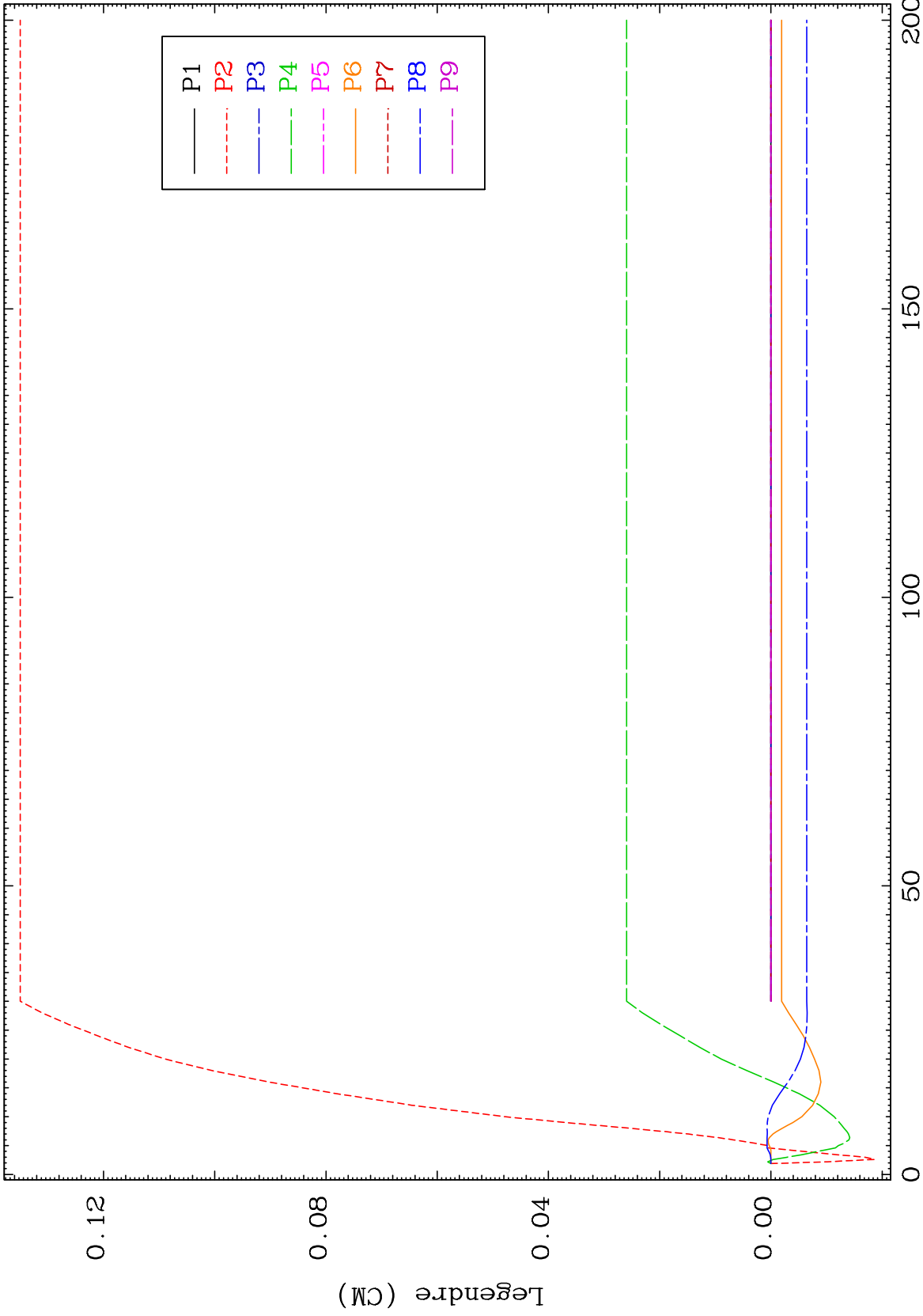
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



47

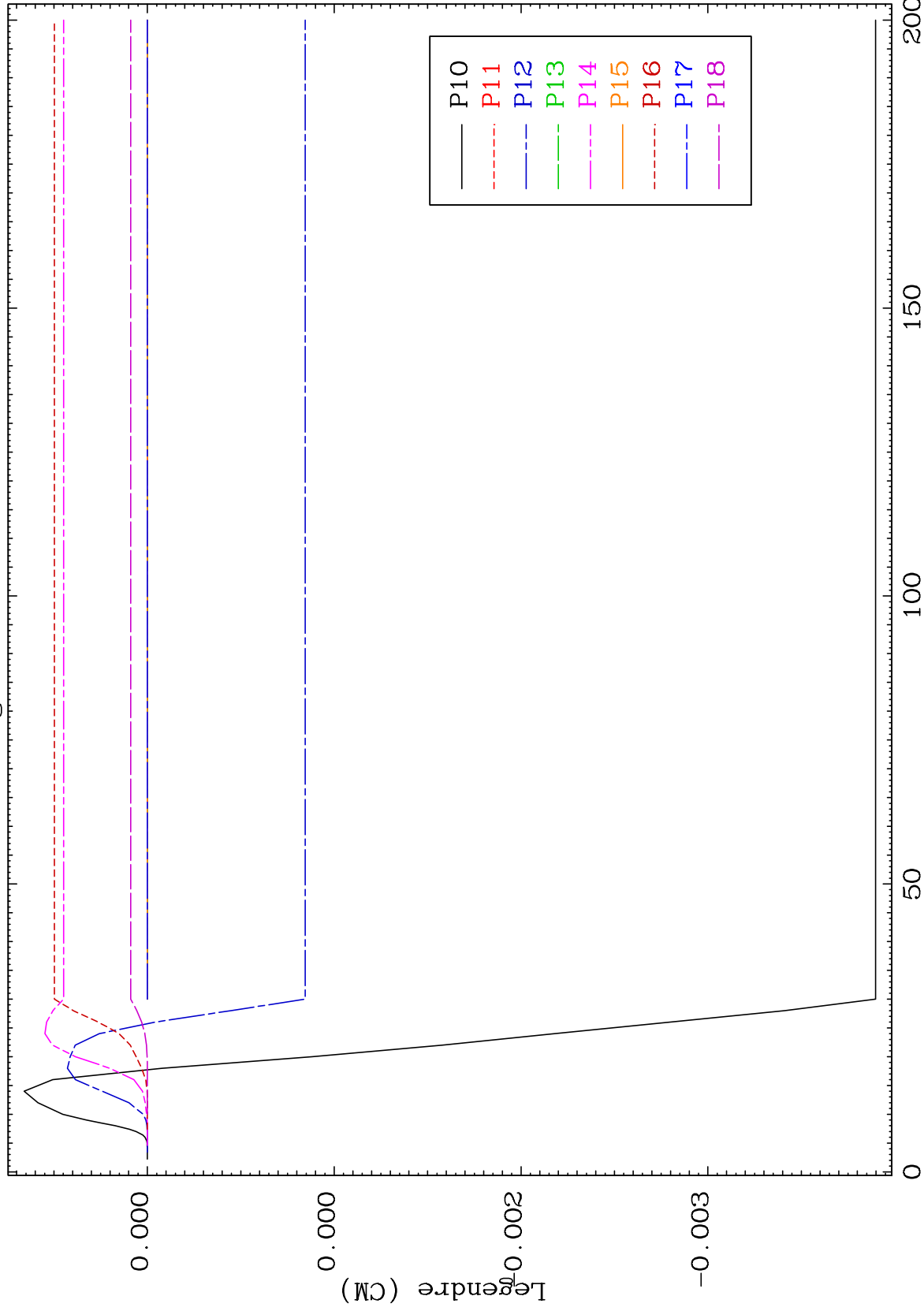
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



48

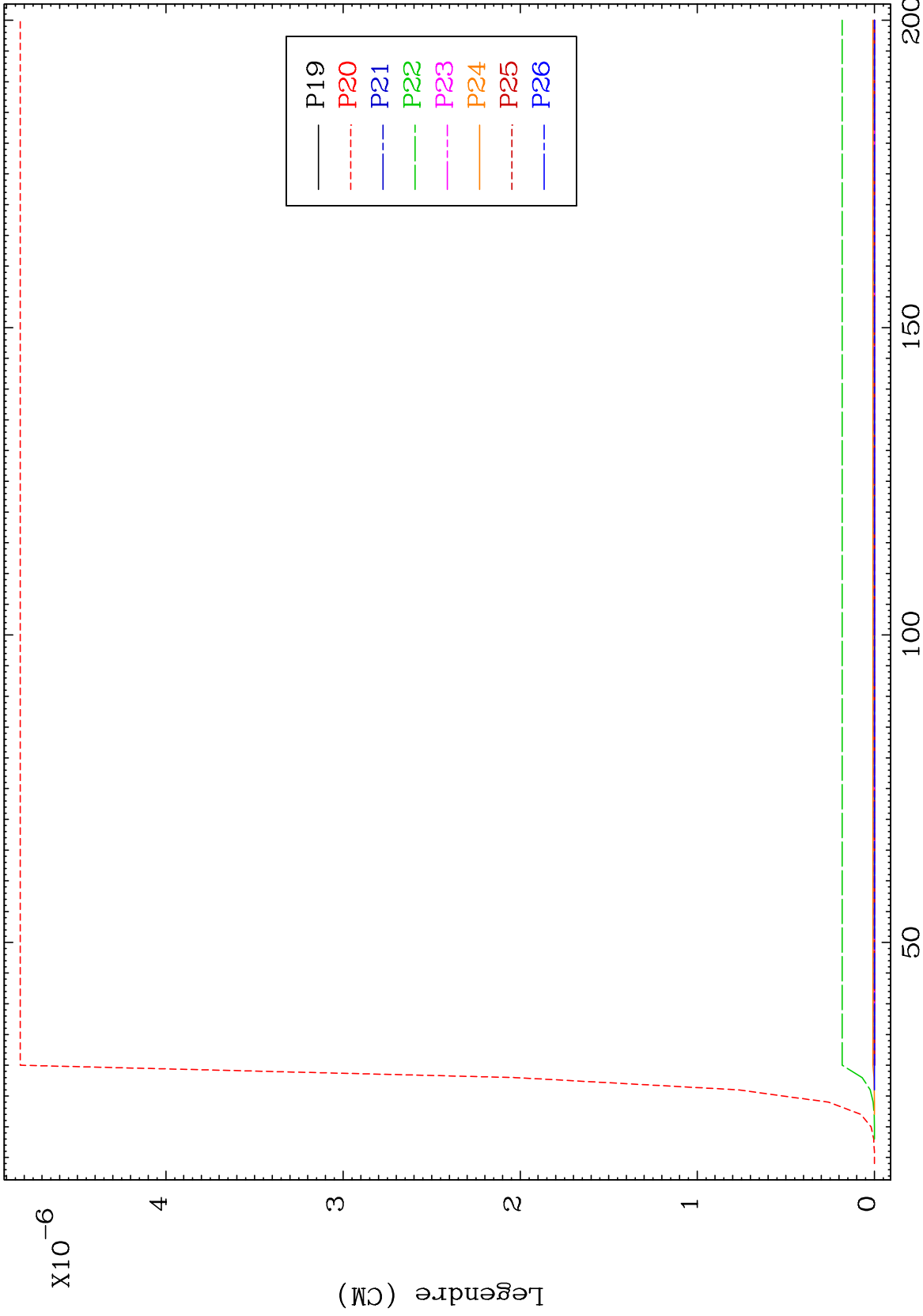
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



49

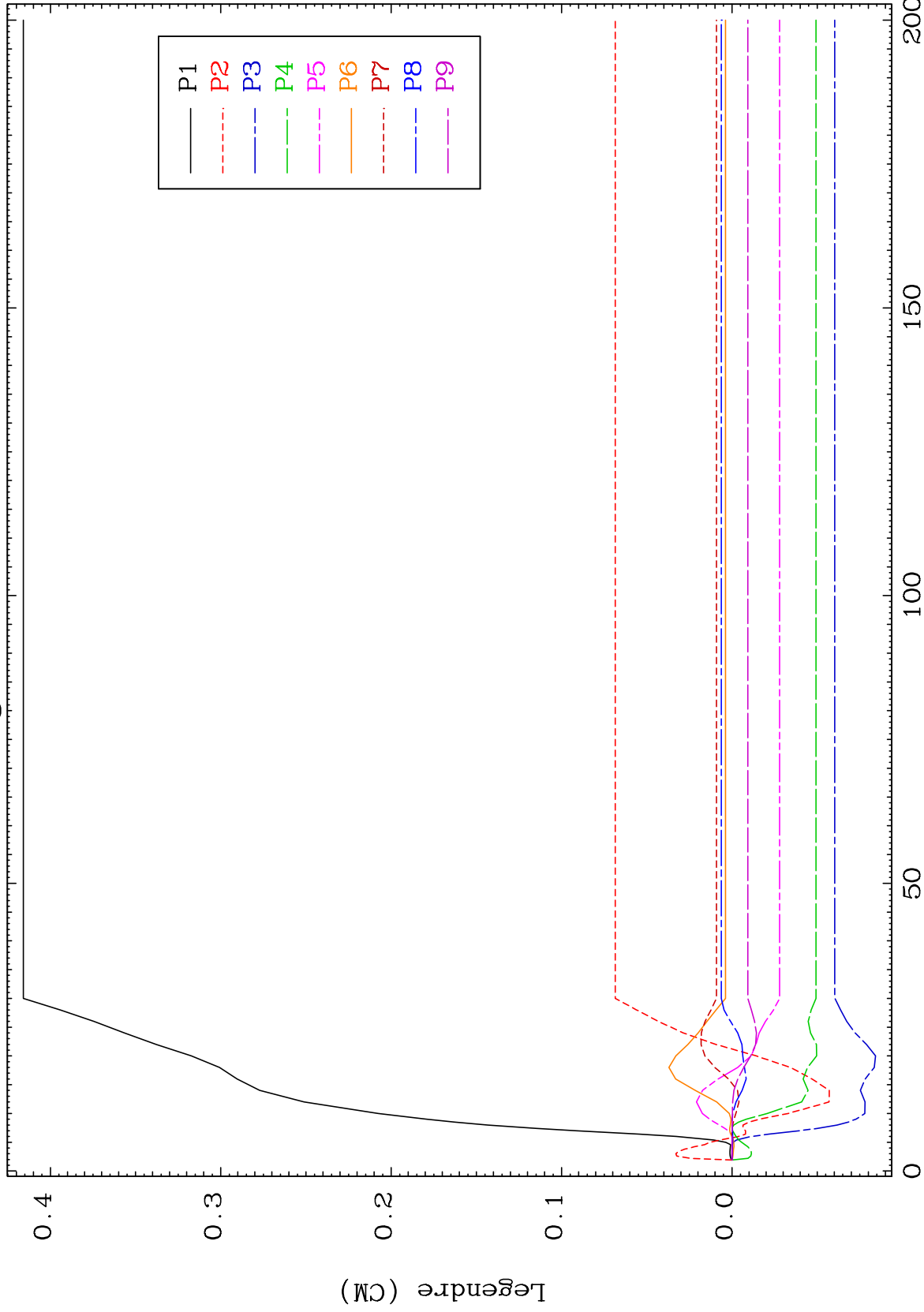
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

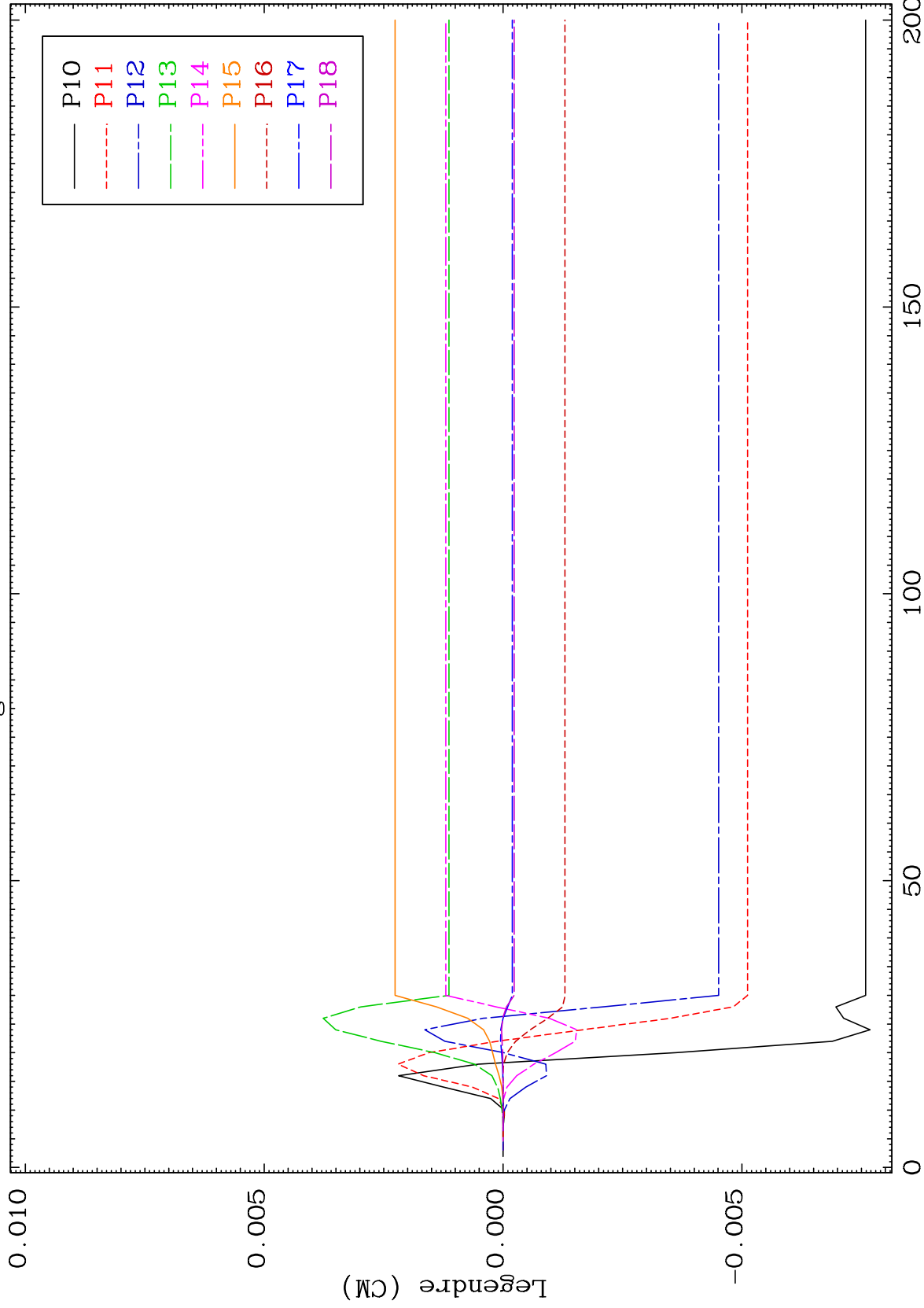
Incident Energy (MeV)

50

MAT 5479

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

54-Xe-142



51

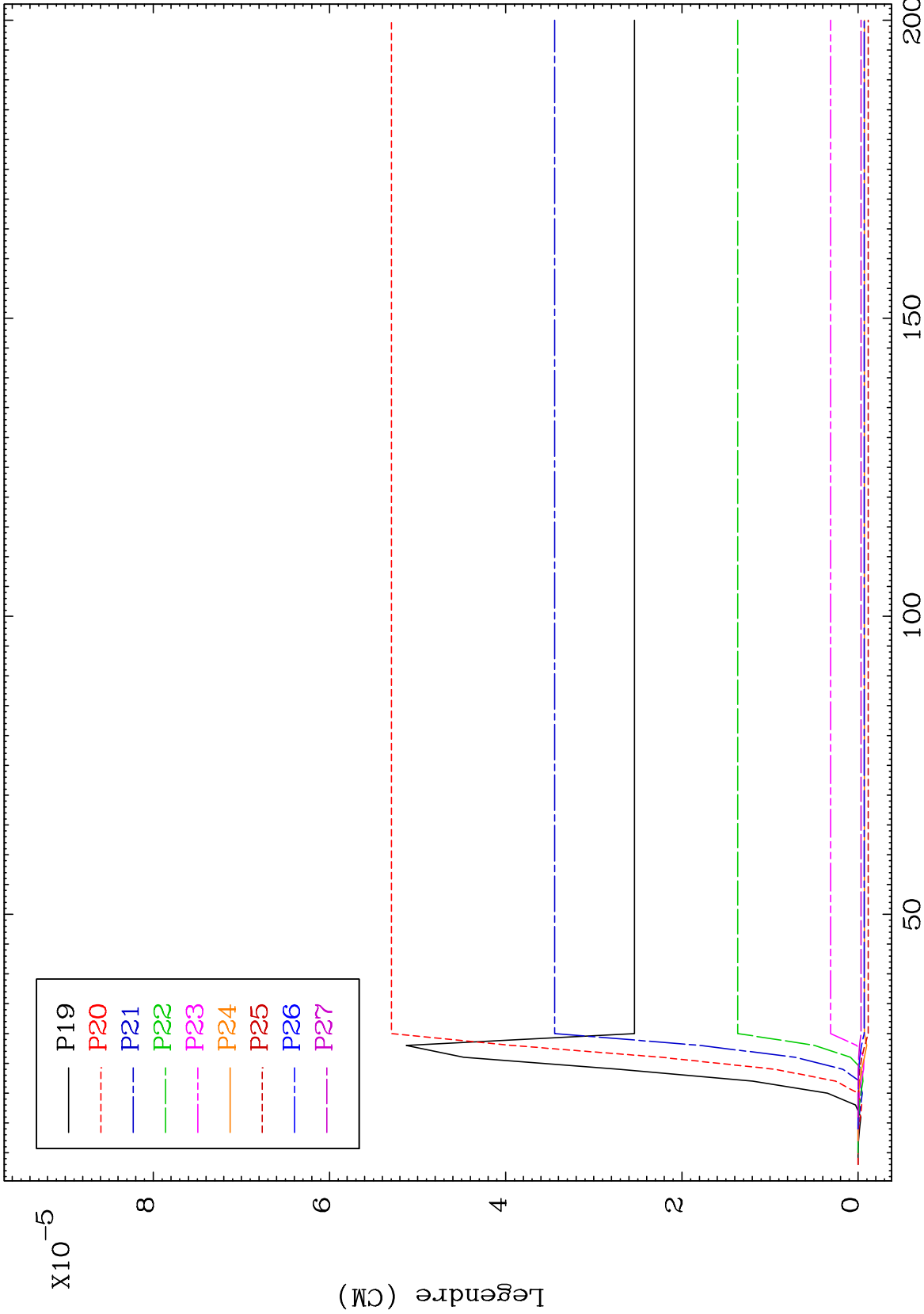
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



52

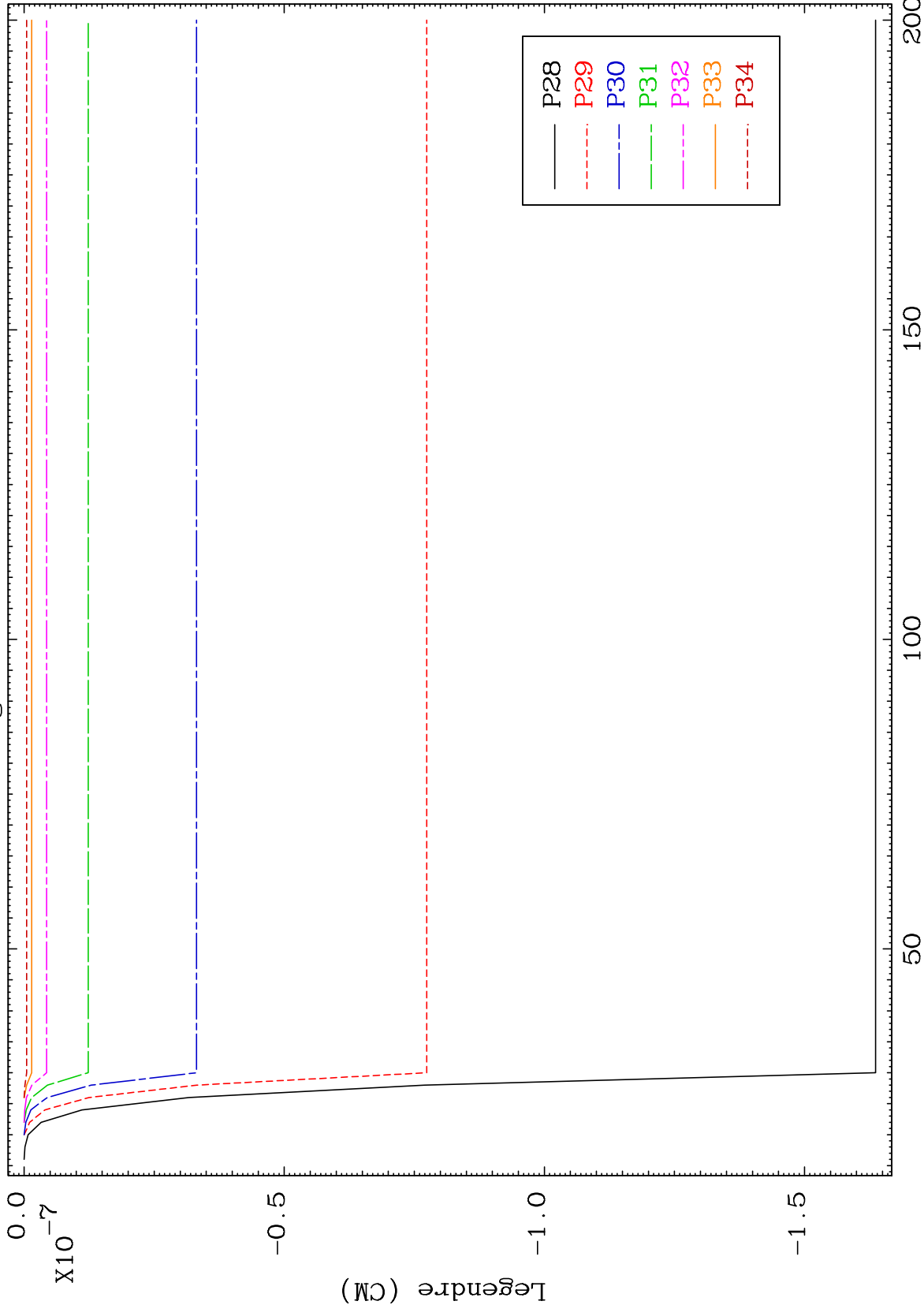
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

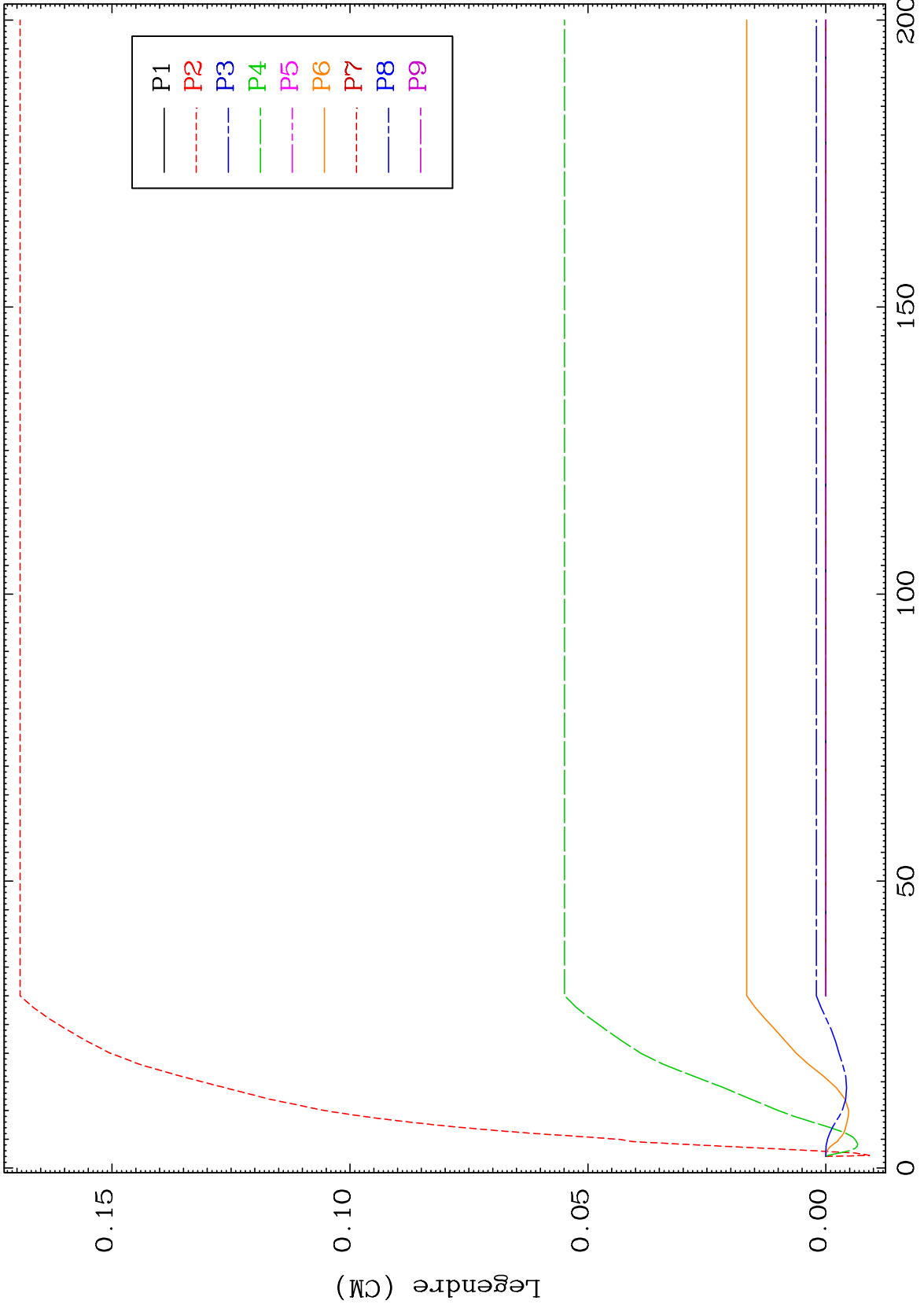
Incident Energy (MeV)

53

MAT 5479

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

54-Xe-142



54

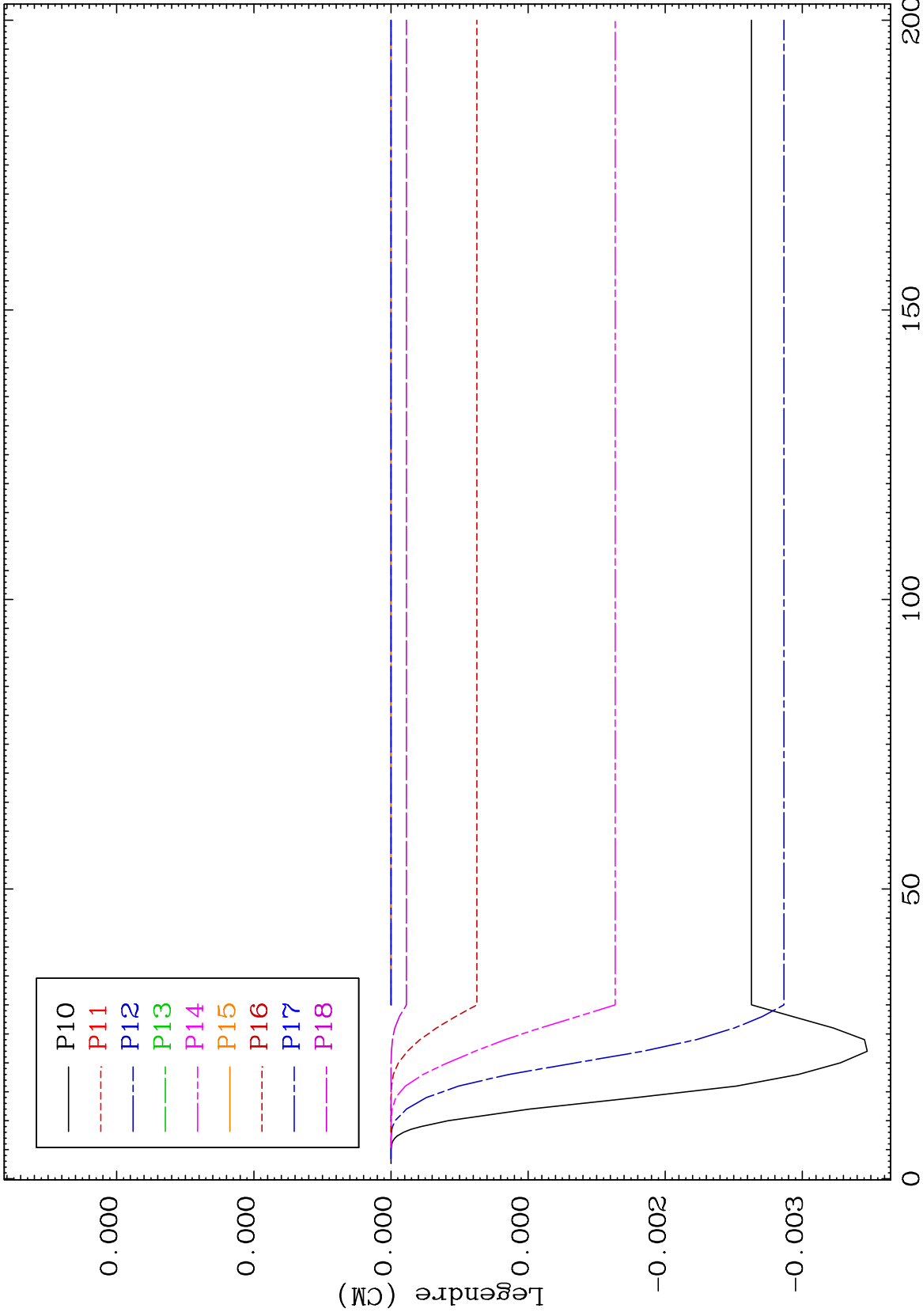
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



55

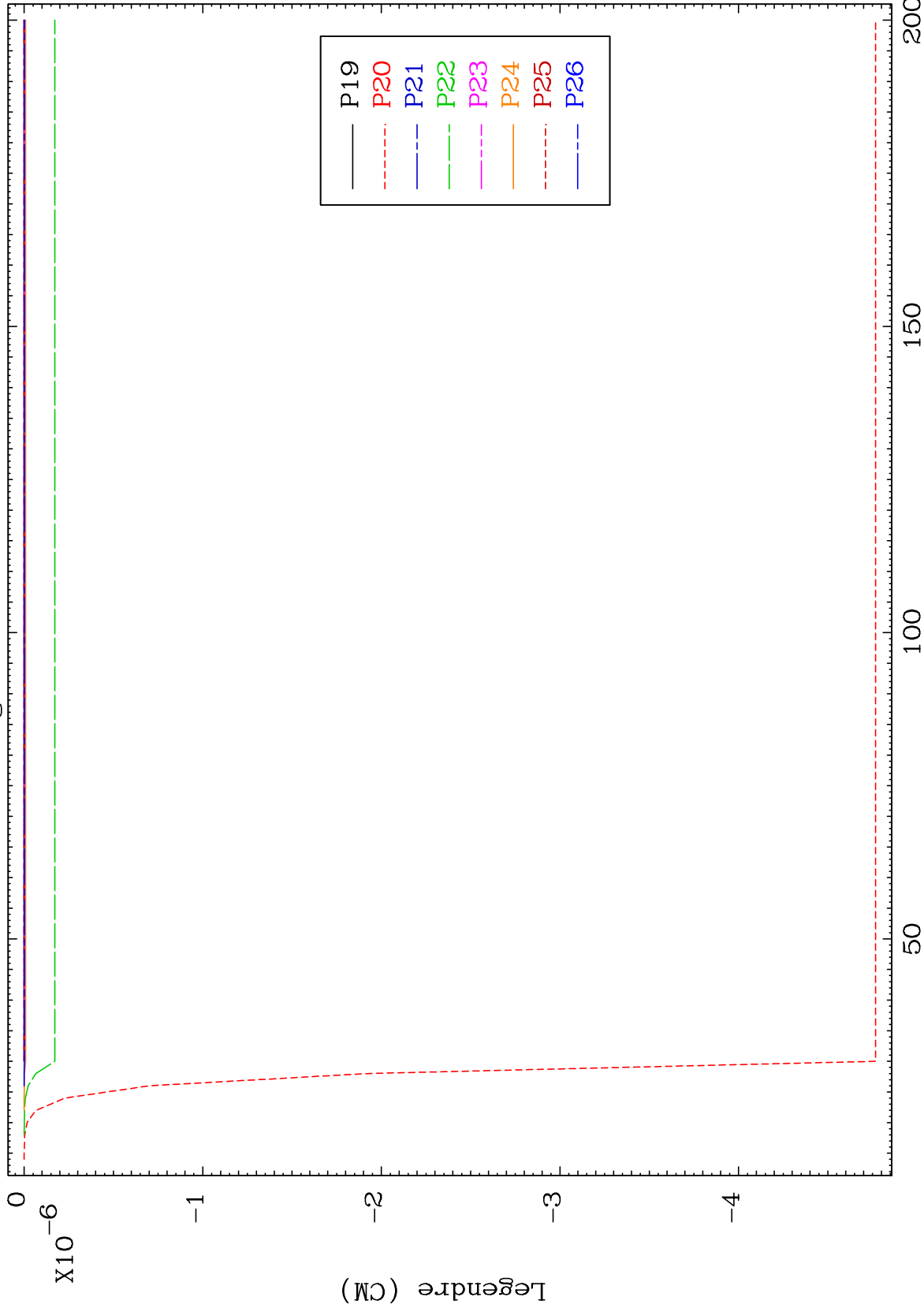
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142

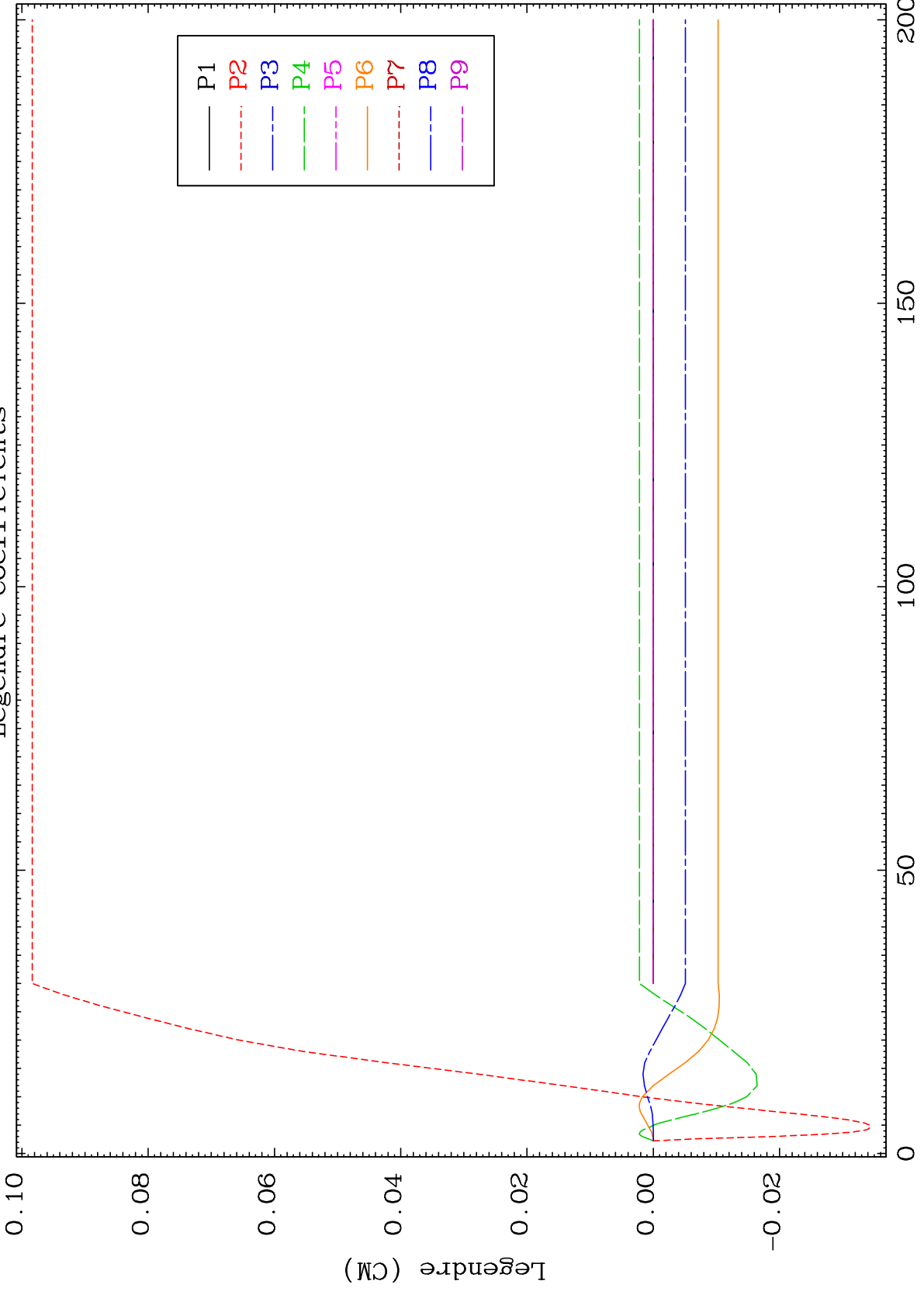


56

Incident Energy (MeV)

54-Xe-142

MAT 5479 MT= 61 (n,n') Level Legendre Coefficients 54-Xe-142

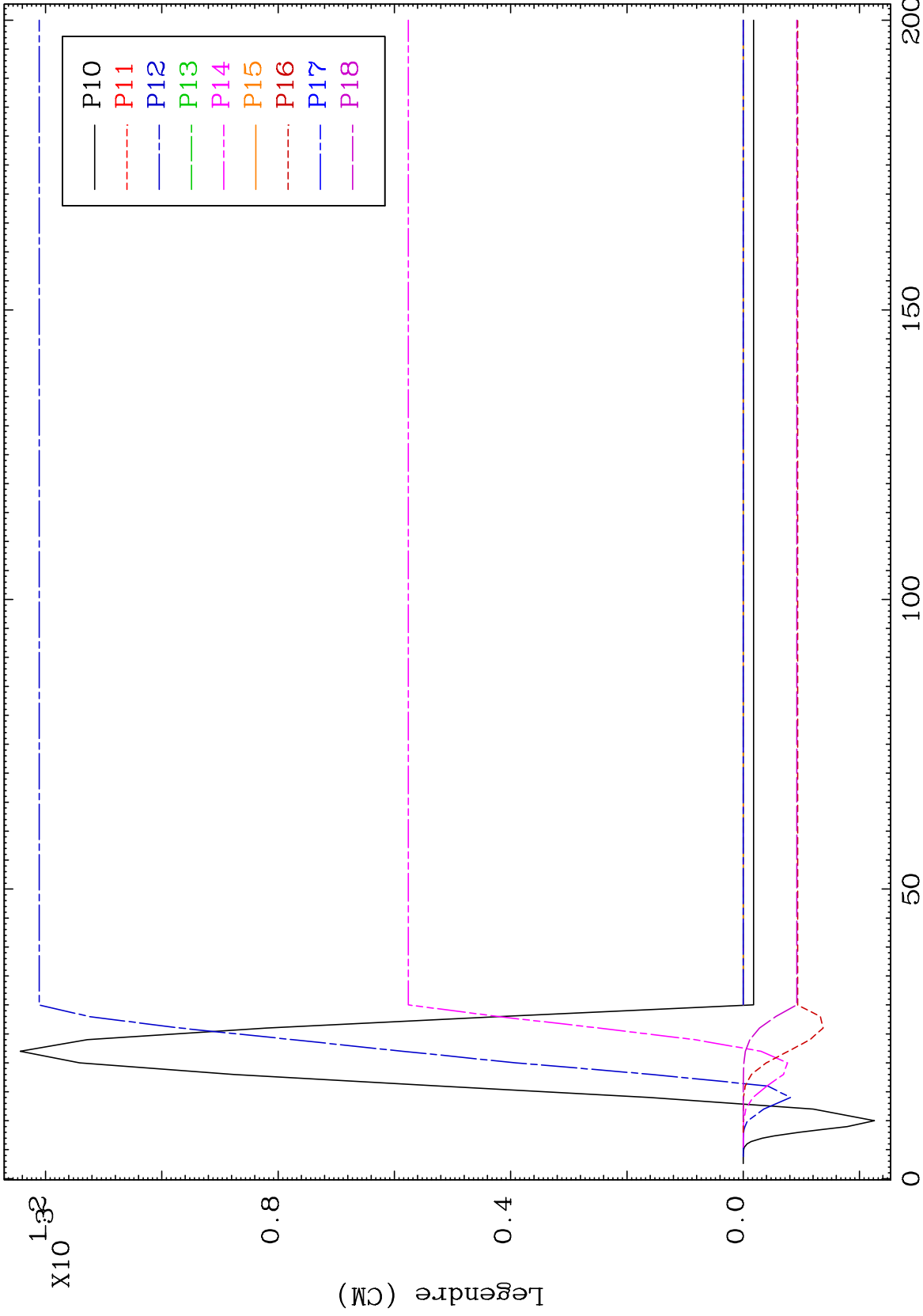


57 54-Xe-142

MAT 5479

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

54-Xe-142



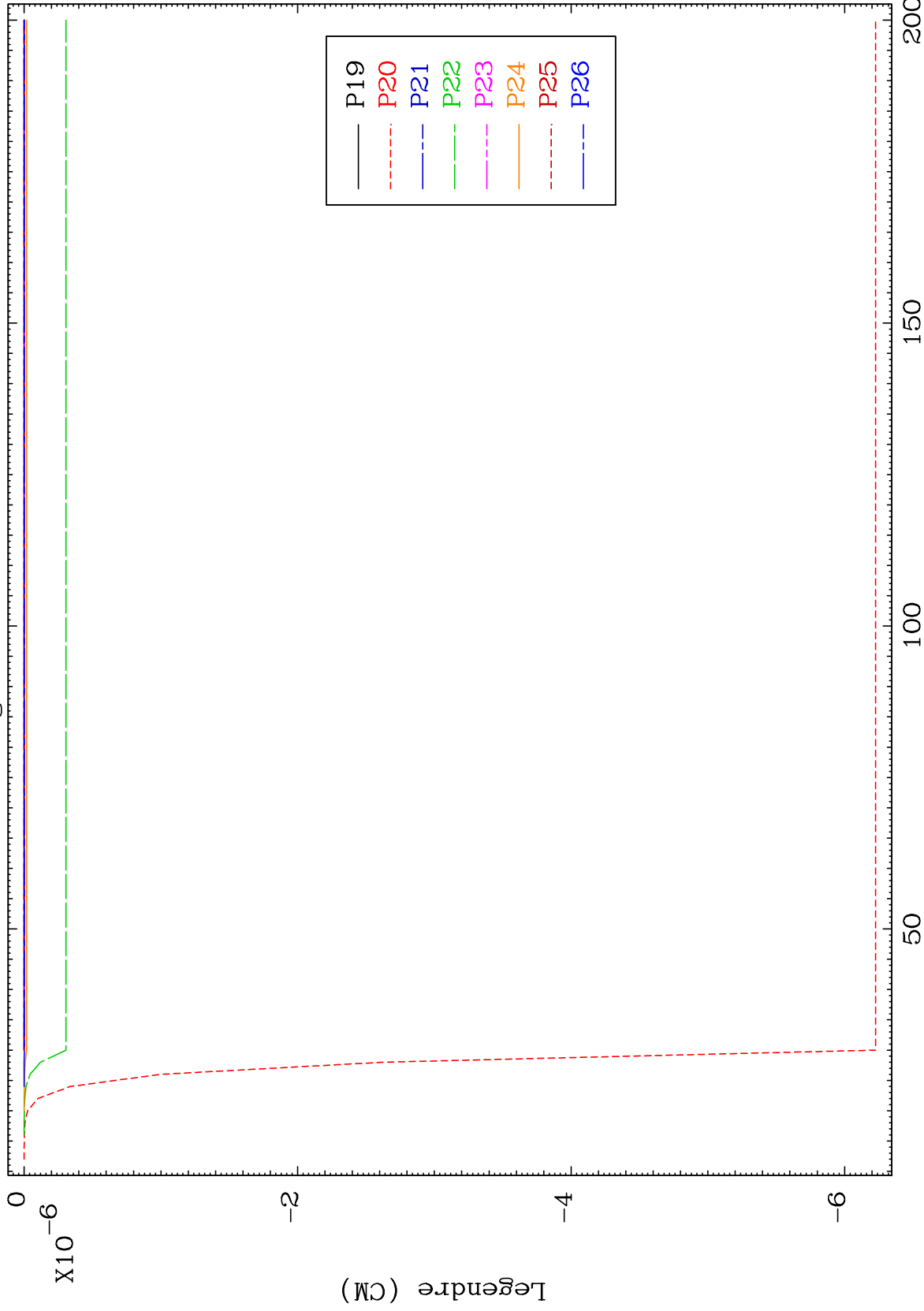
58

54-Xe-142

MAT 5479

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

54-Xe-142



59

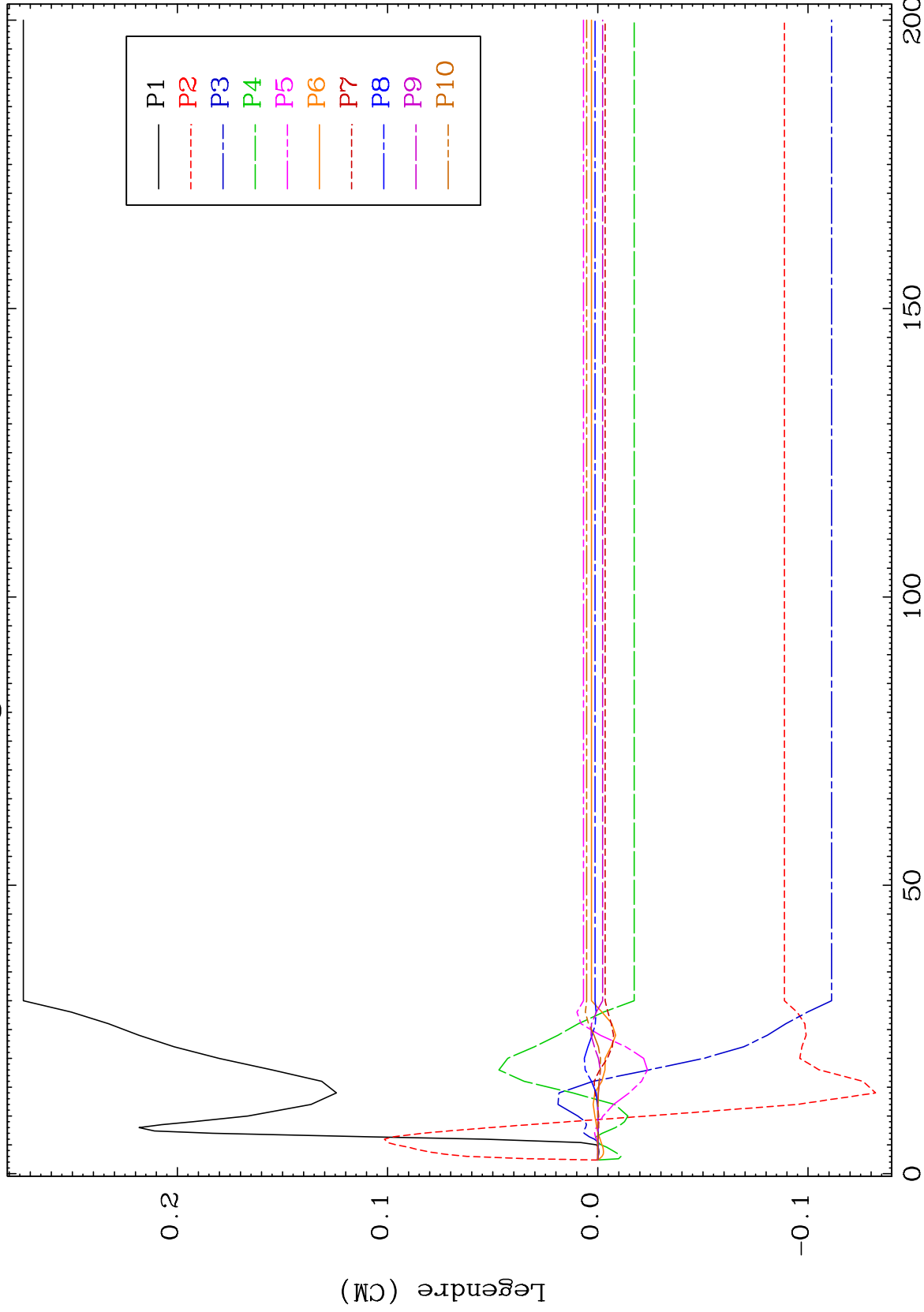
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



60

Incident Energy (MeV)

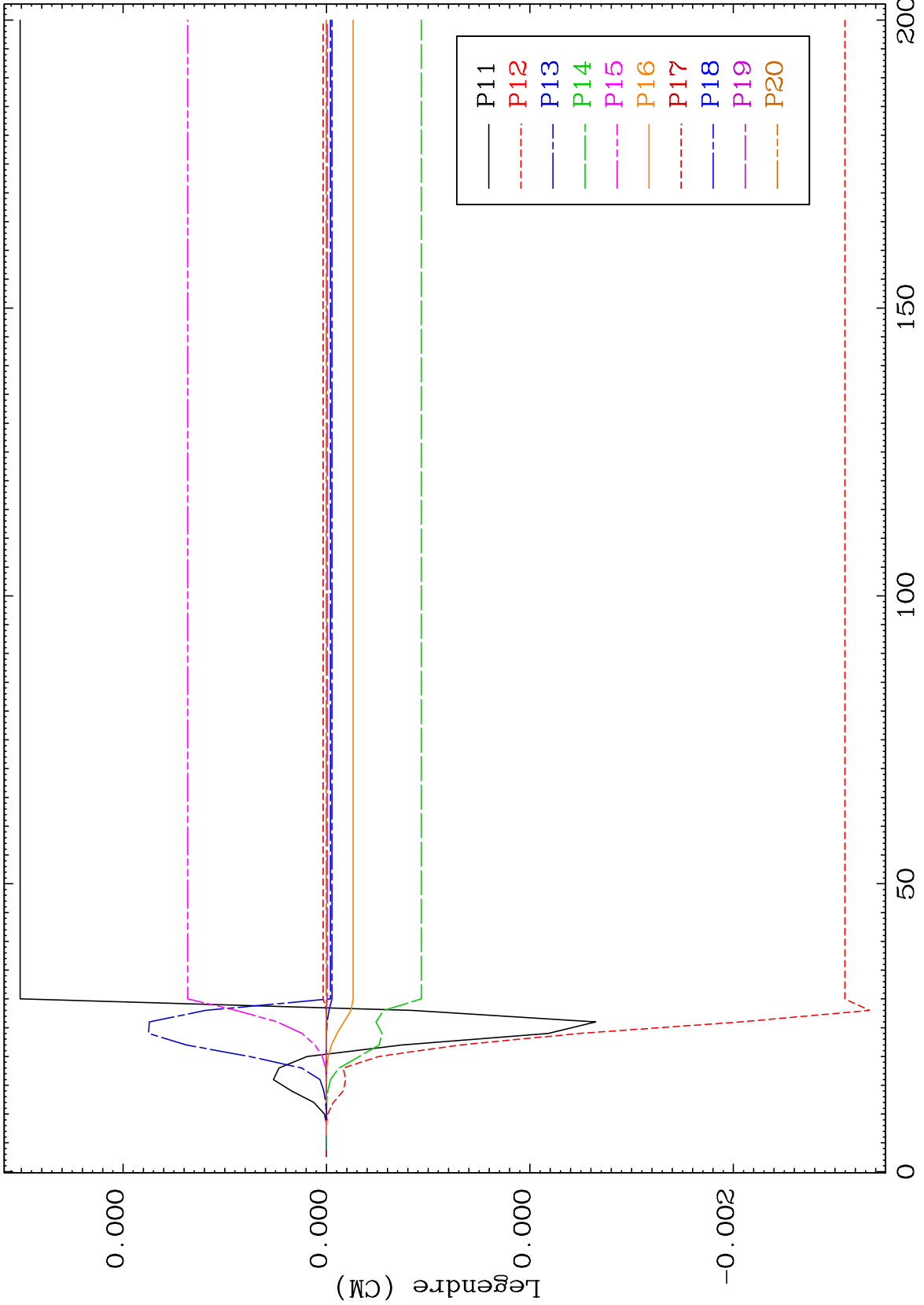
150

54-Xe-142

MAT 5479

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

54-Xe-142



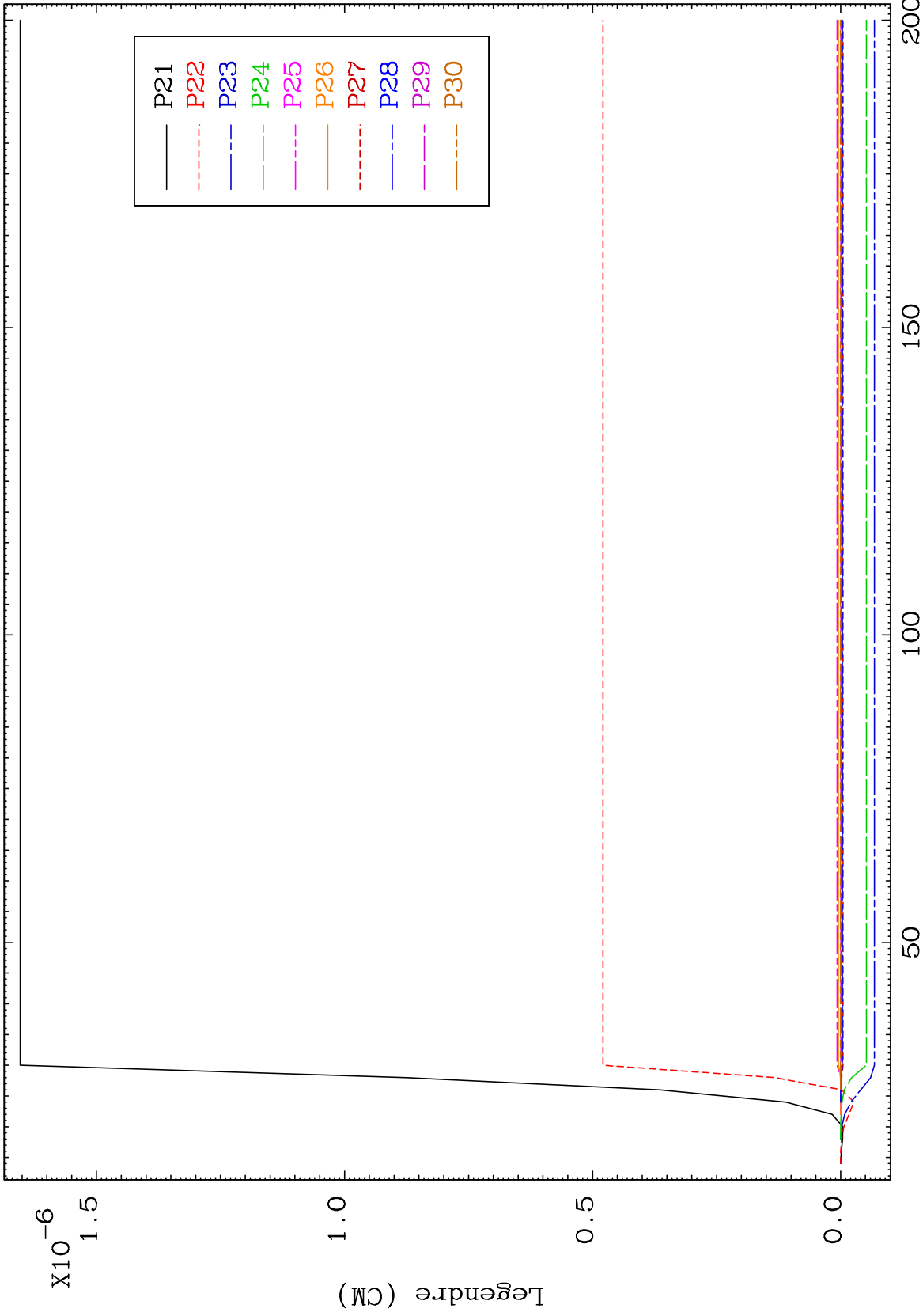
61

54-Xe-142

MAT 5479

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

54-Xe-142



62

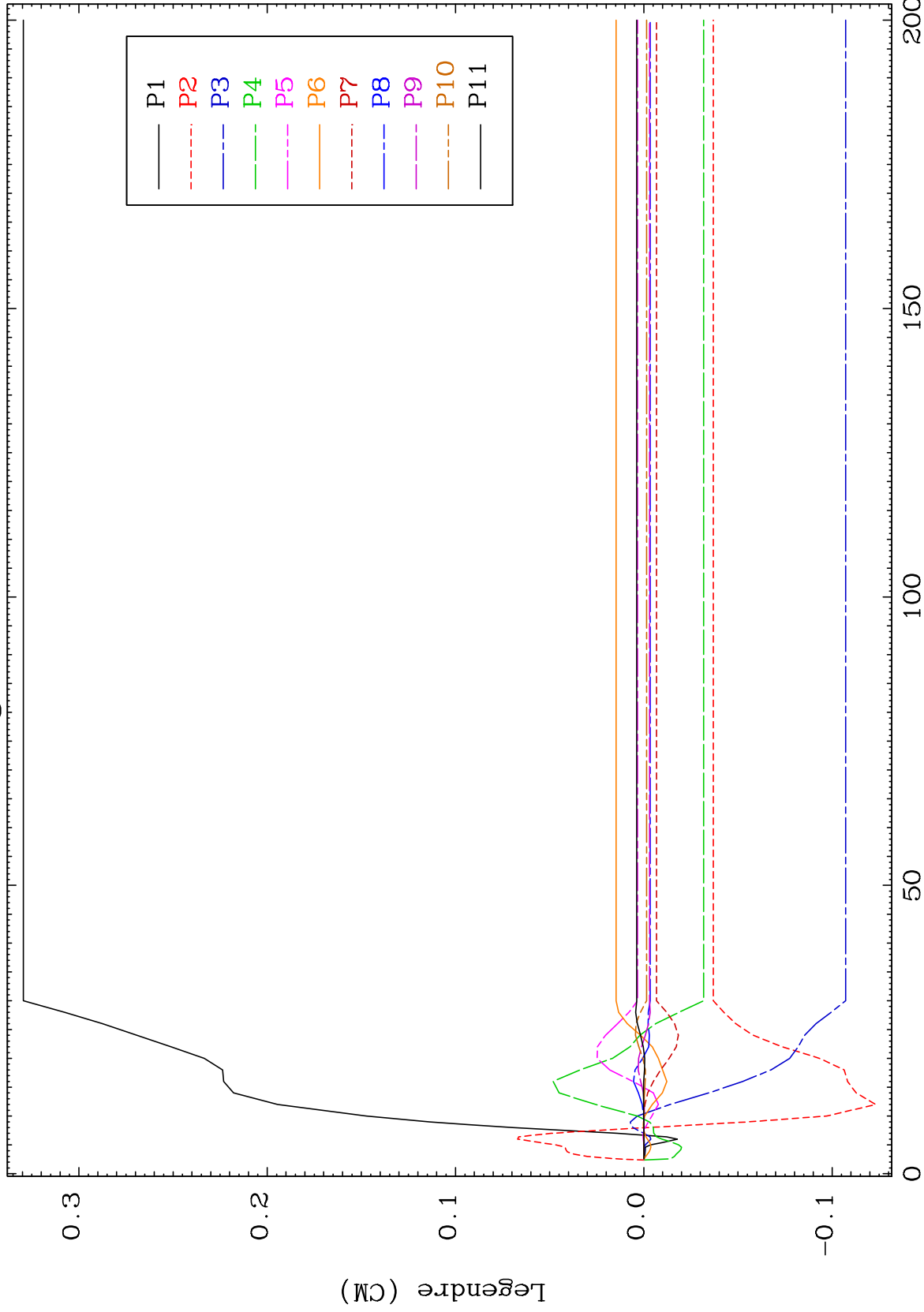
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



63

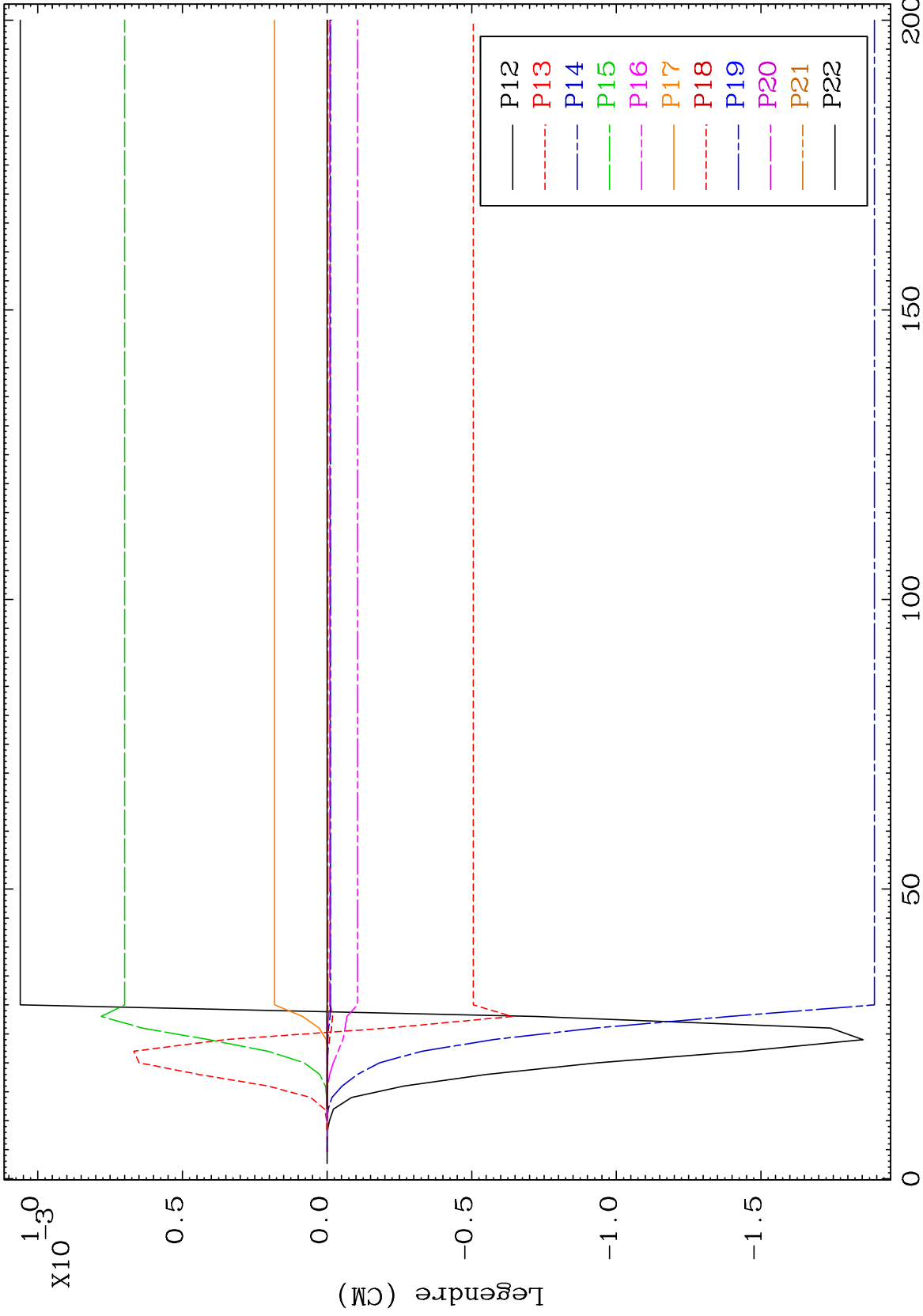
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



64

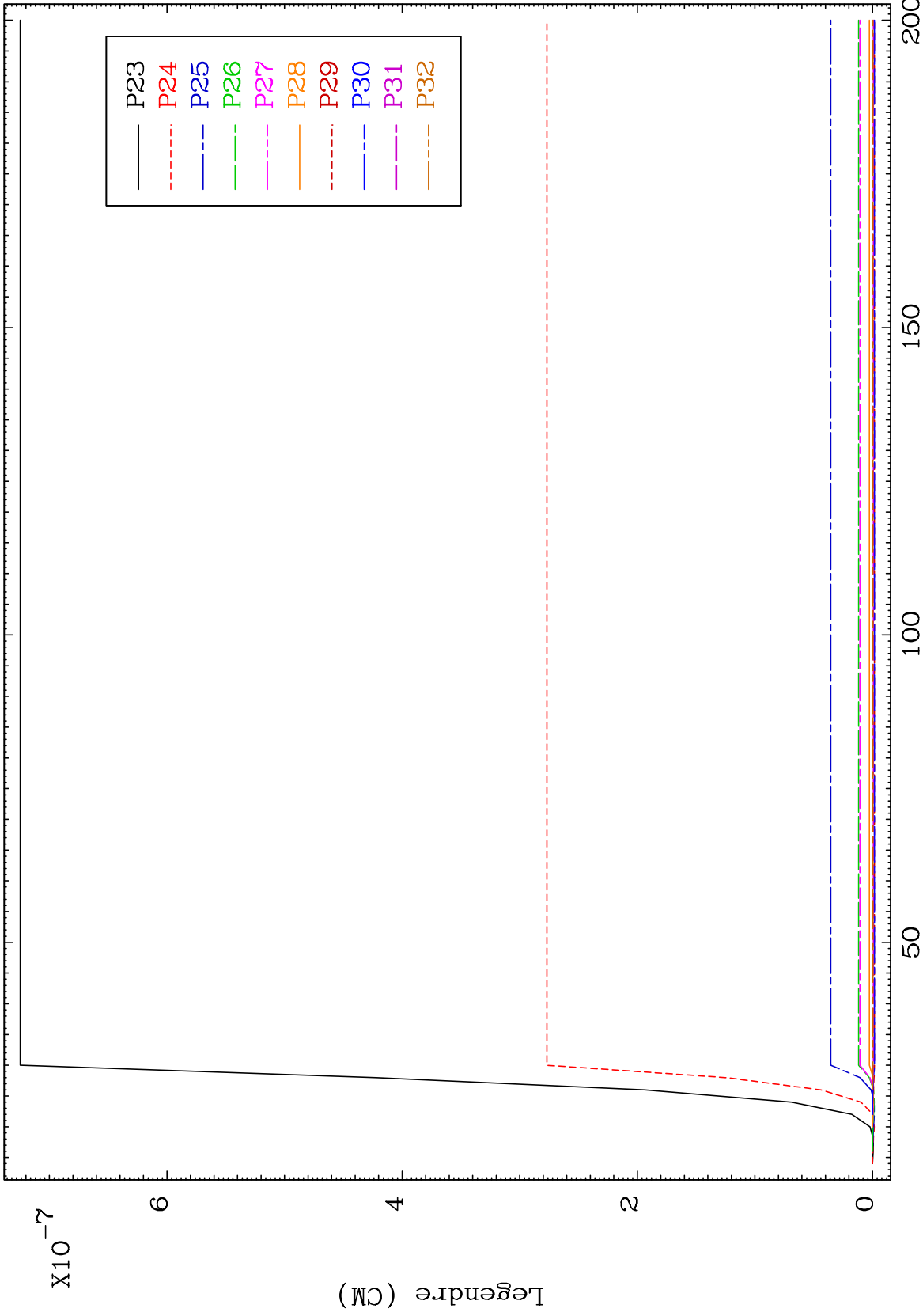
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



65

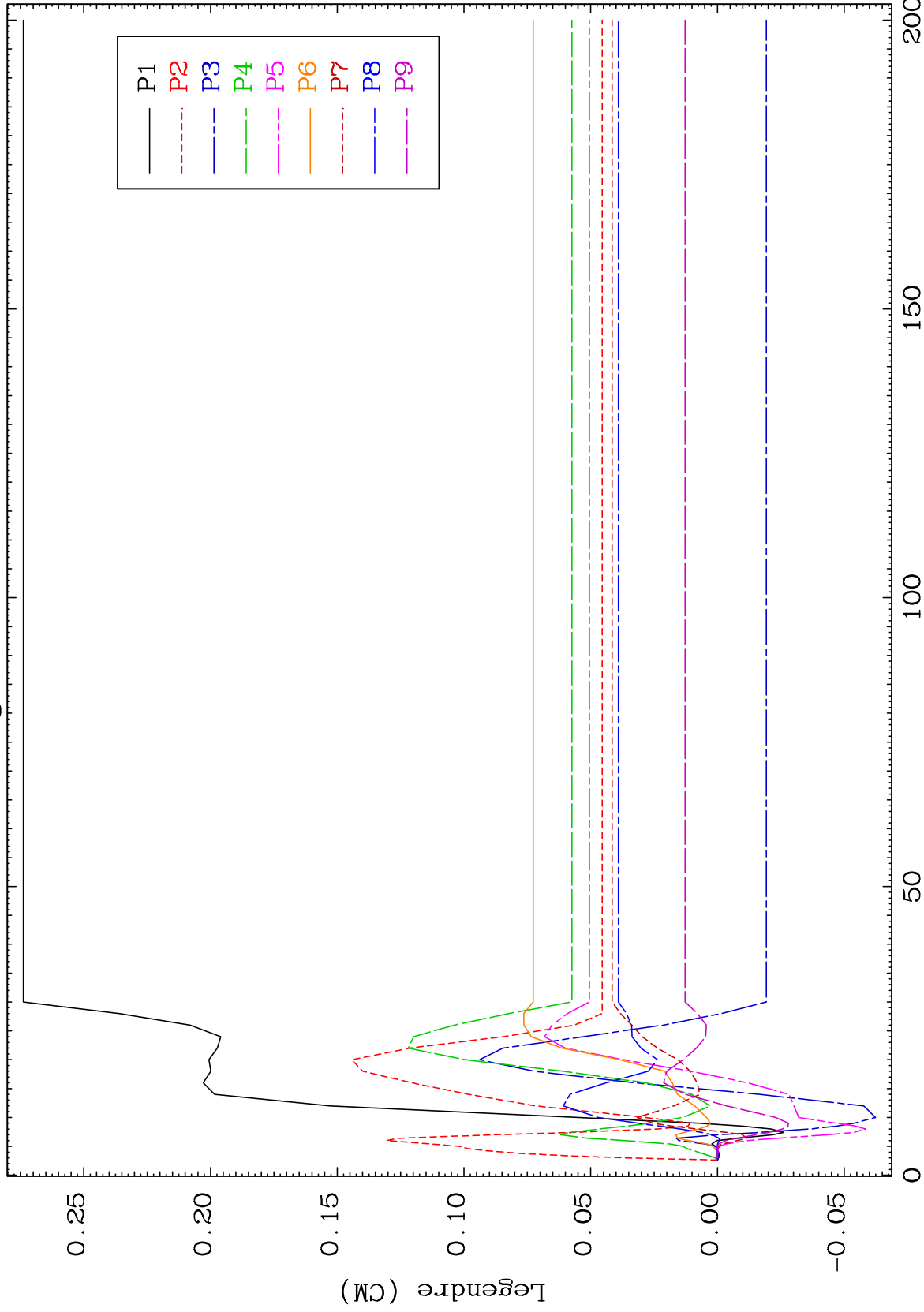
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



66

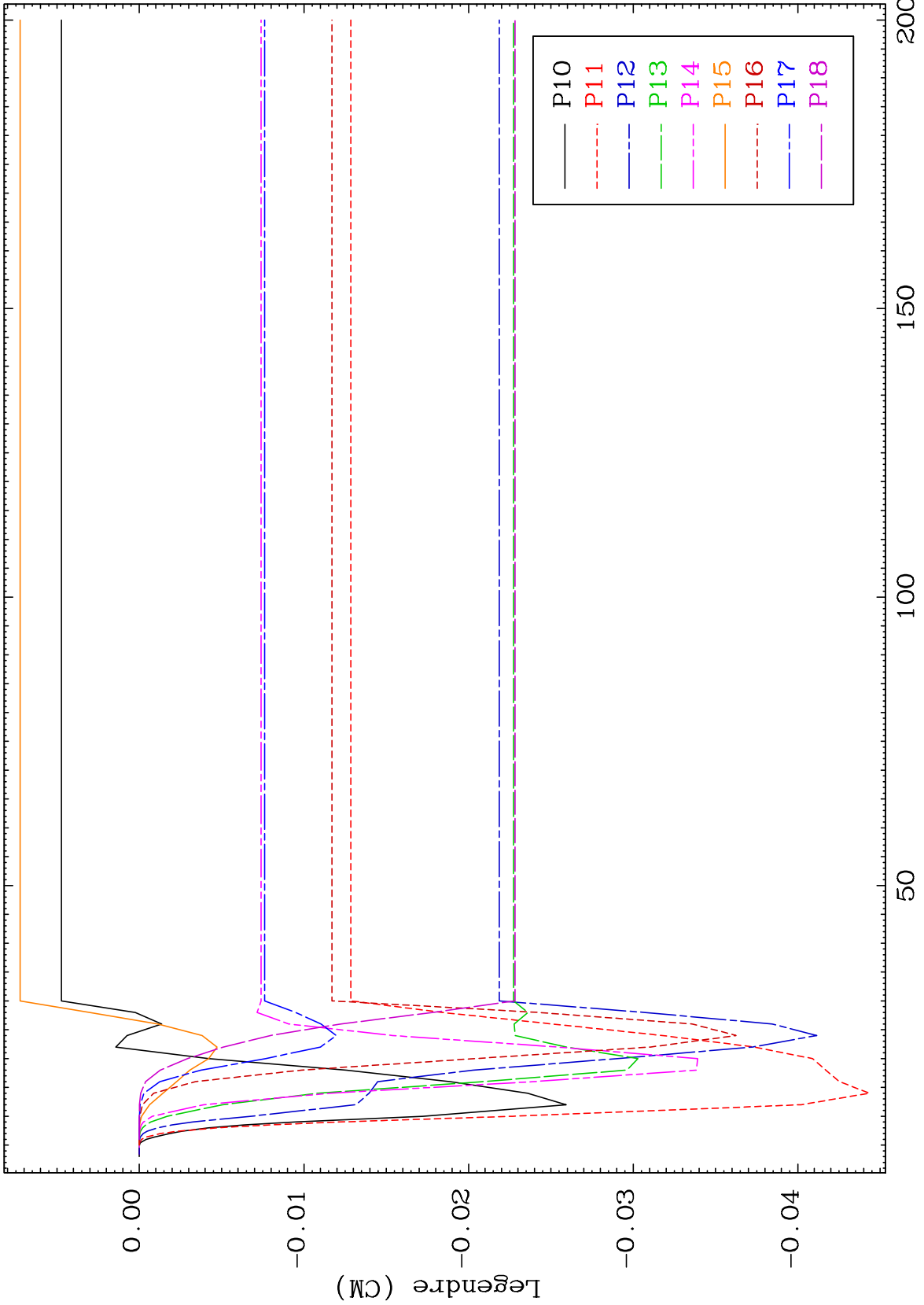
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142

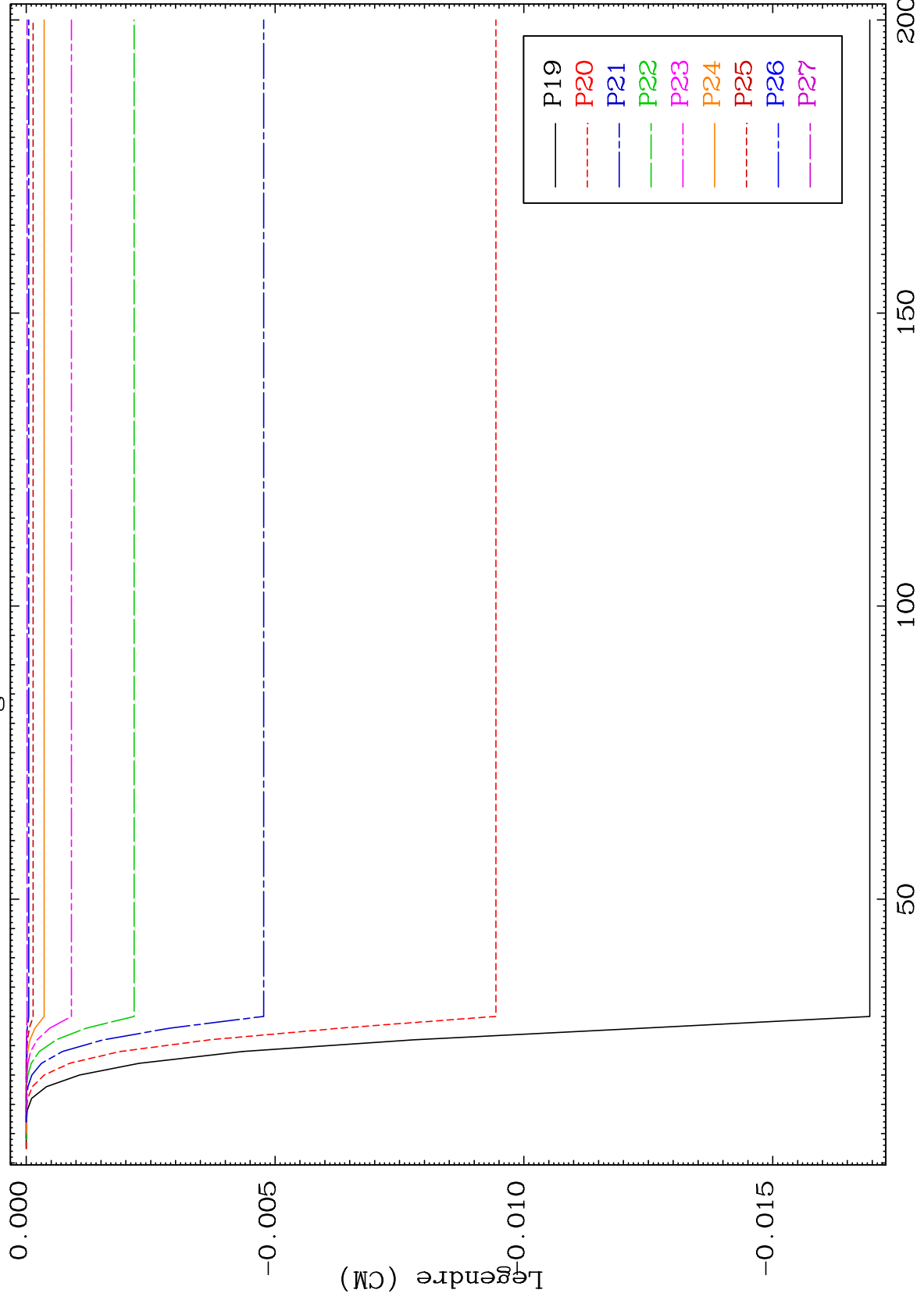


67

Incident Energy (MeV)

54-Xe-142

MAT 5479 MT= 64 (n,n') Level Legendre Coefficients 54-Xe-142

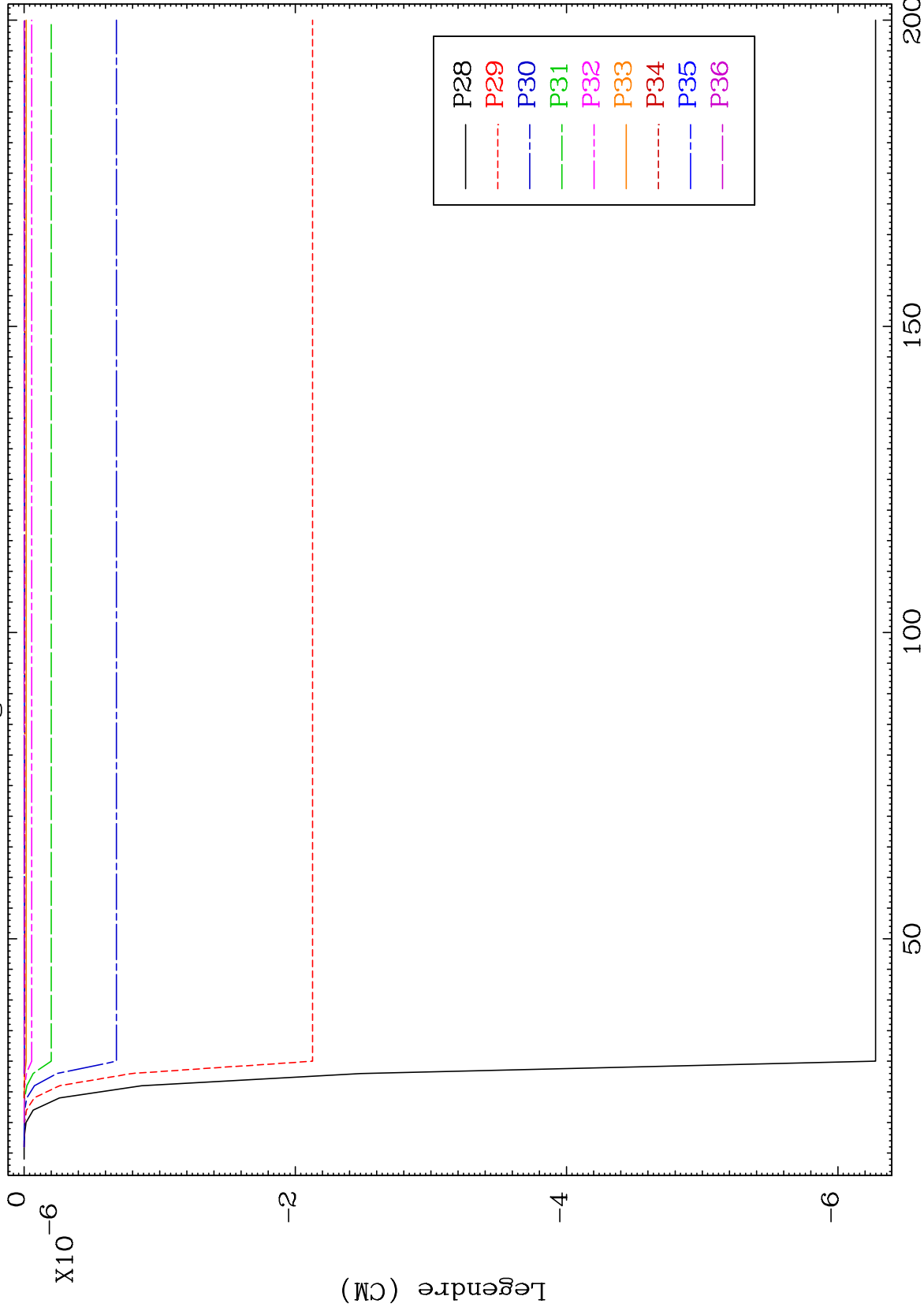


68 54-Xe-142

MAT 5479

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

54-Xe-142



69

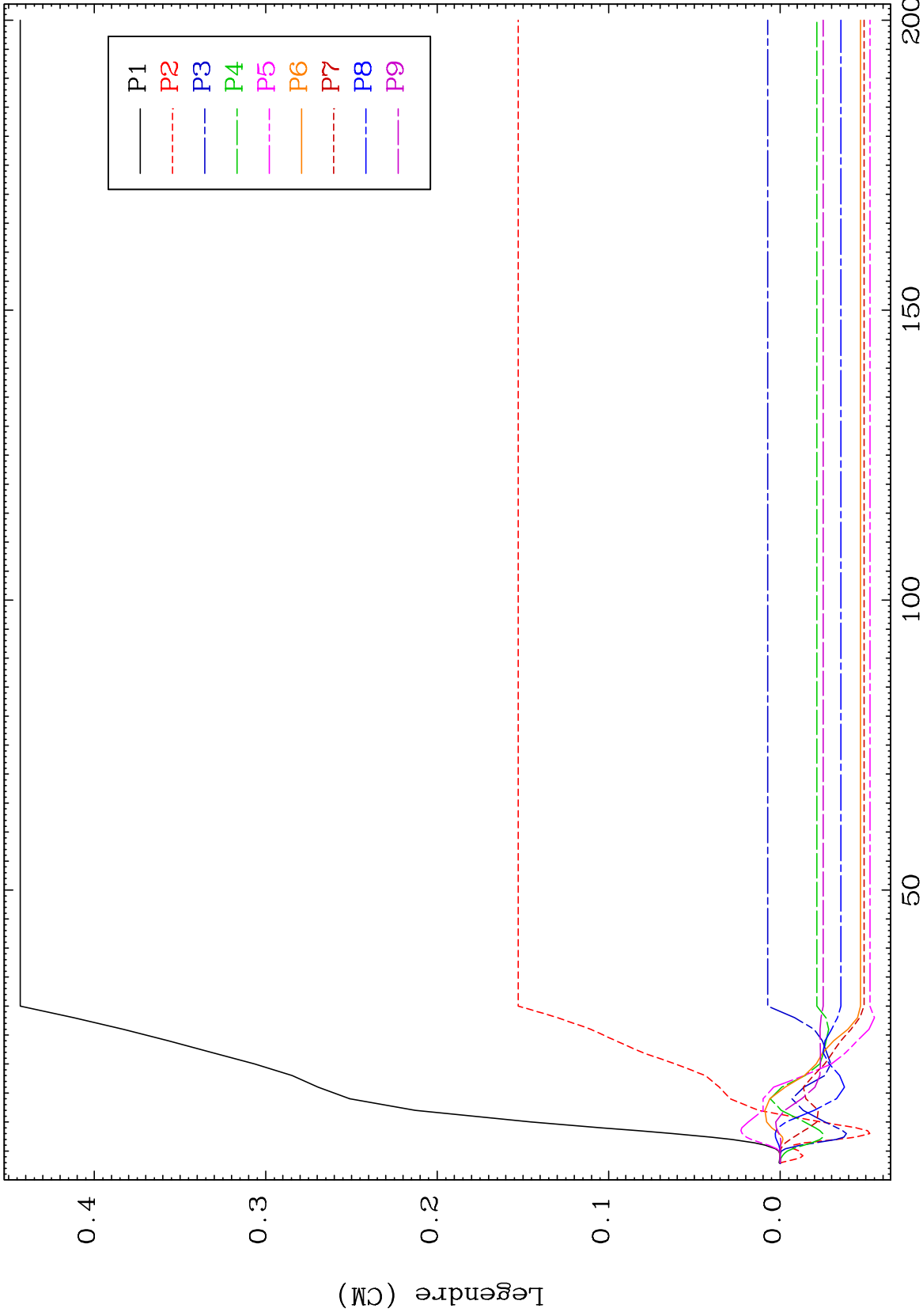
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



70

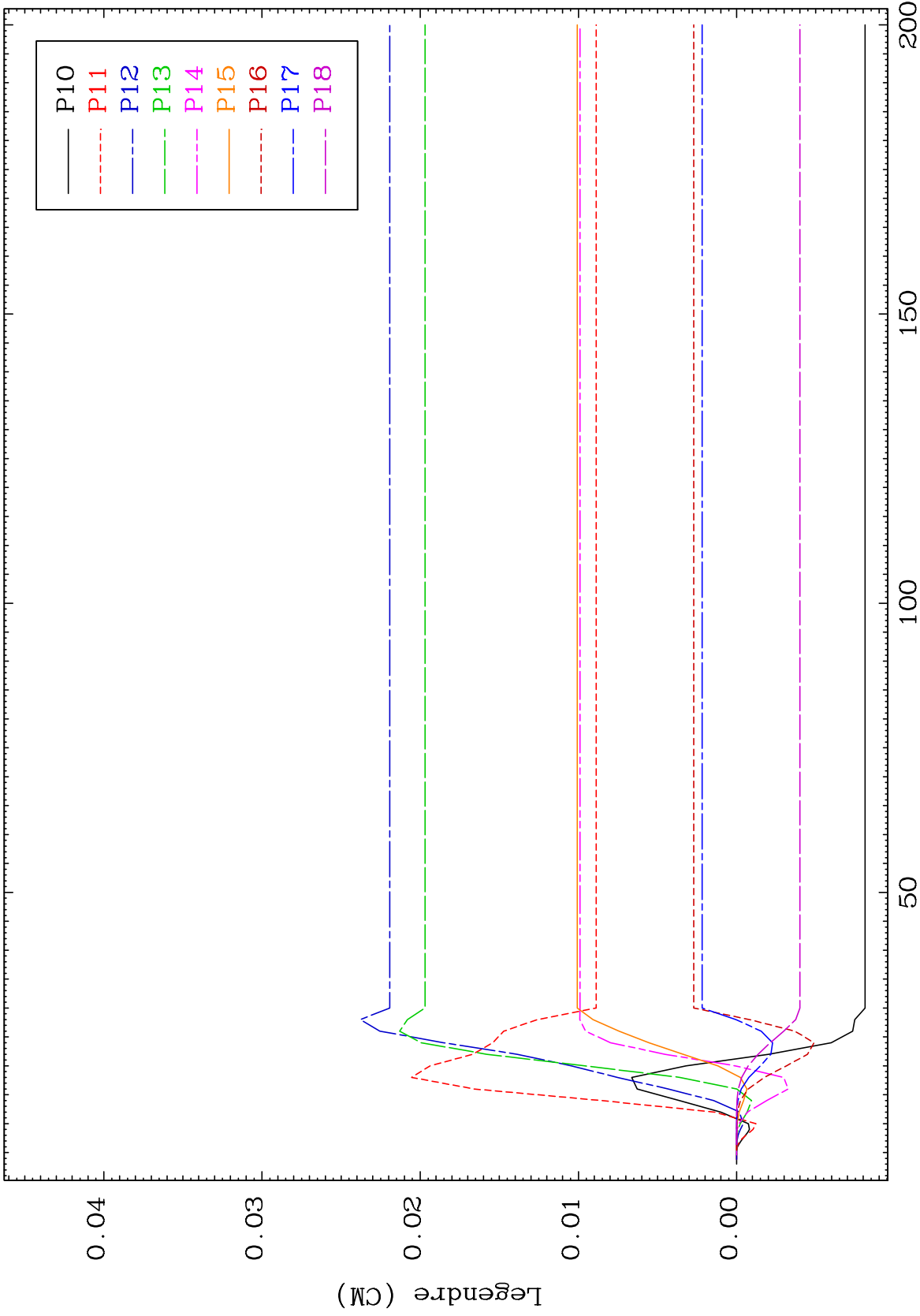
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



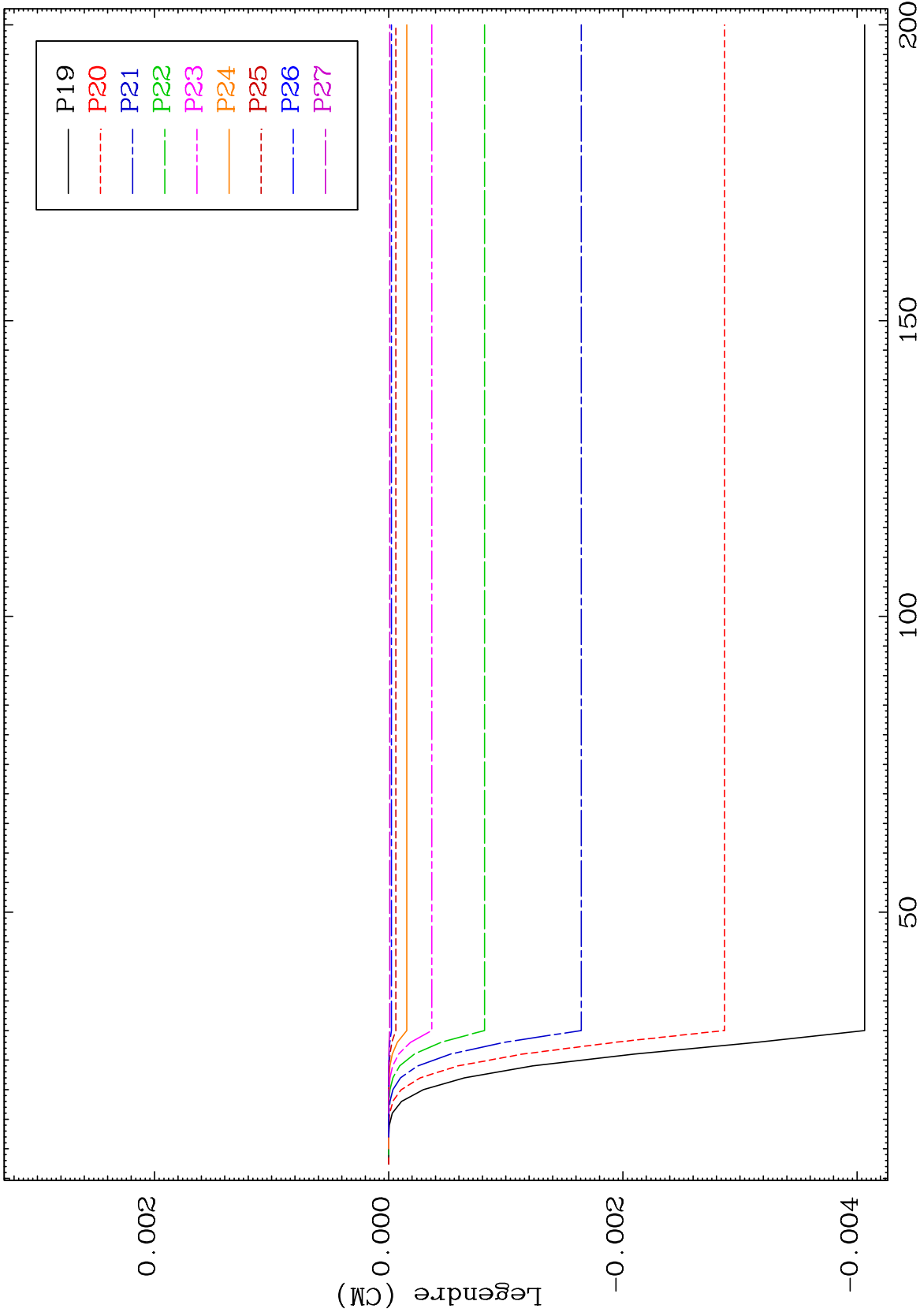
71

54-Xe-142

MAT 5479

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

54-Xe-142



72

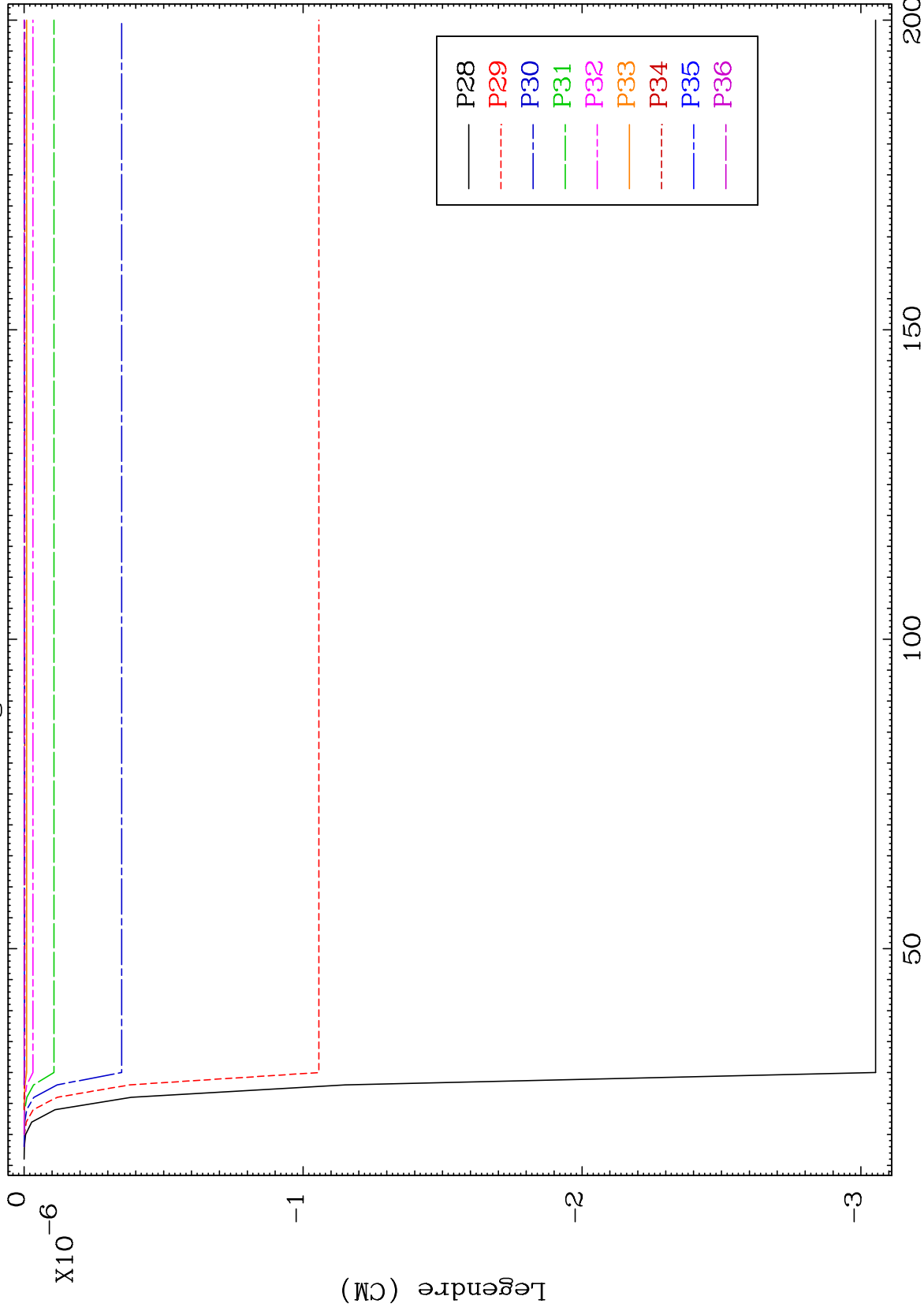
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



73

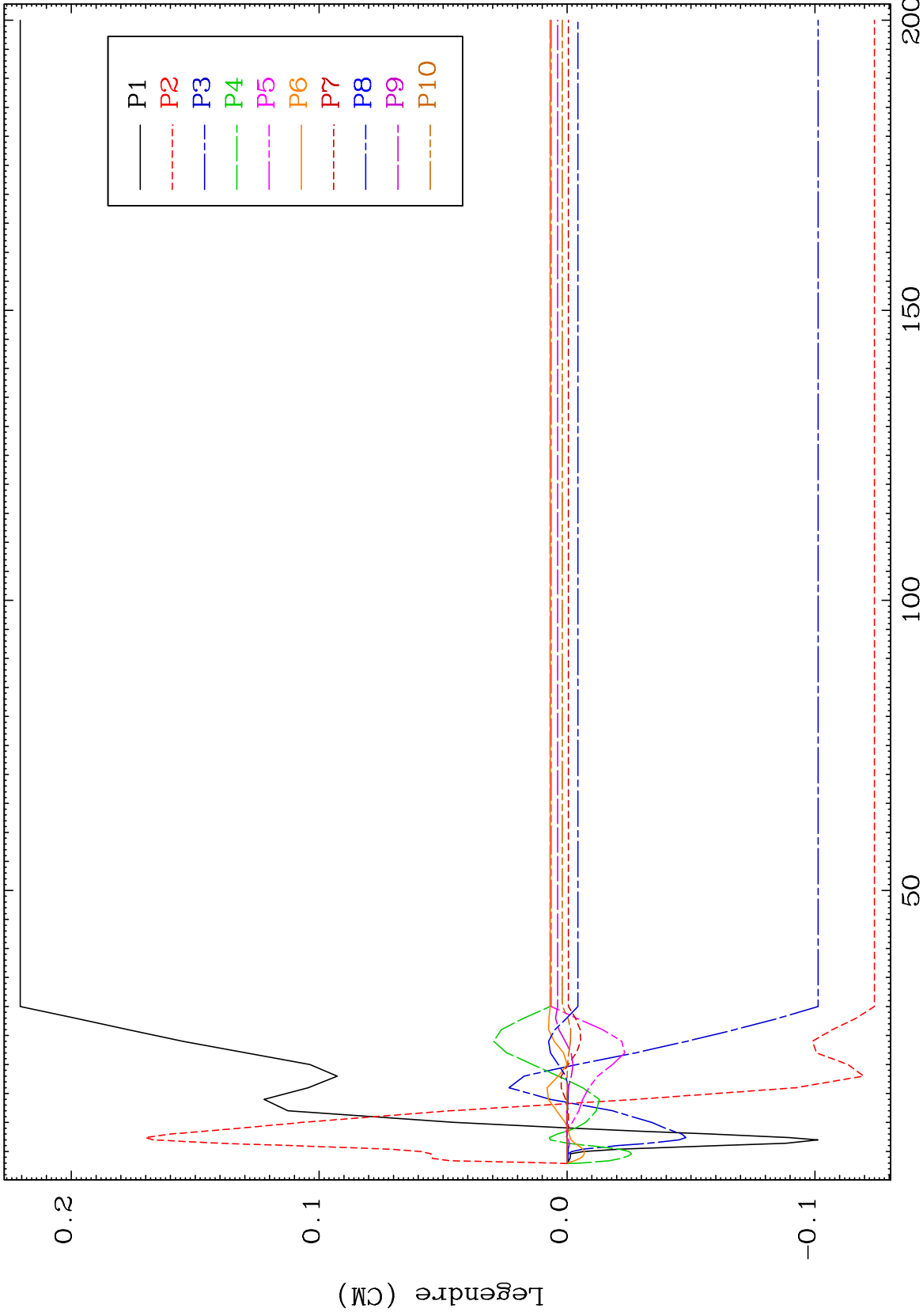
54-Xe-142

200

MAT 5479

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

54-Xe-142



74

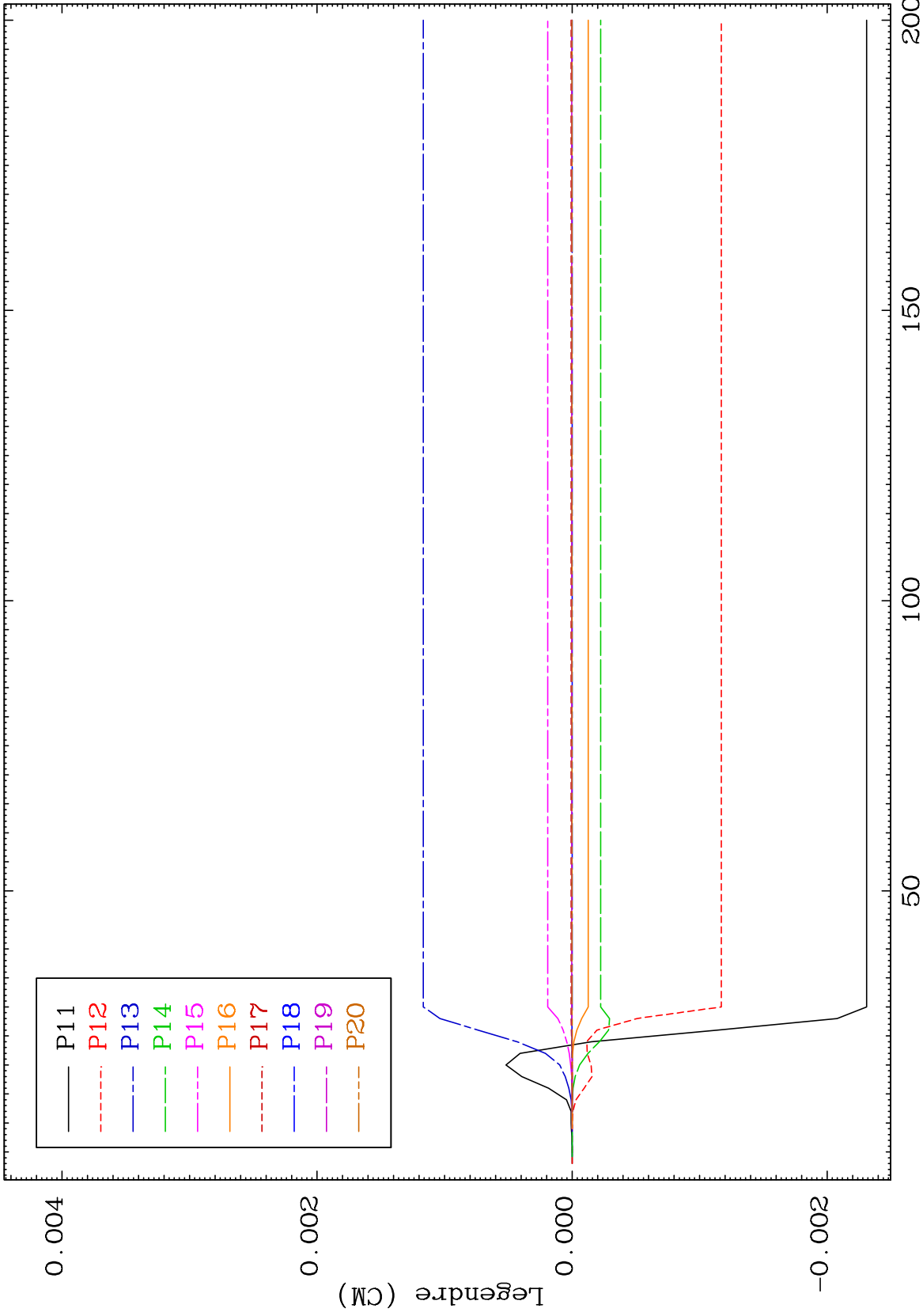
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



75

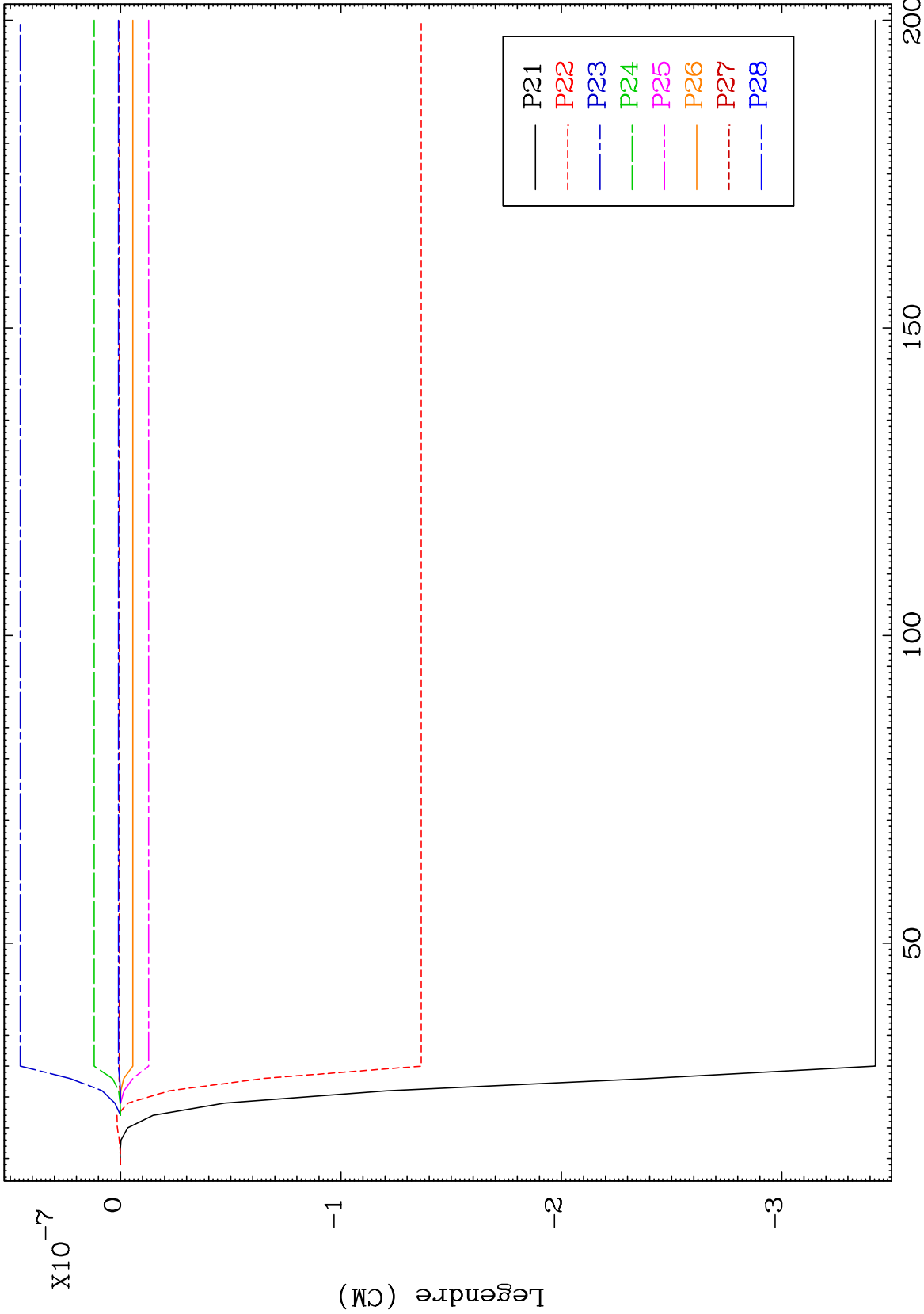
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



76

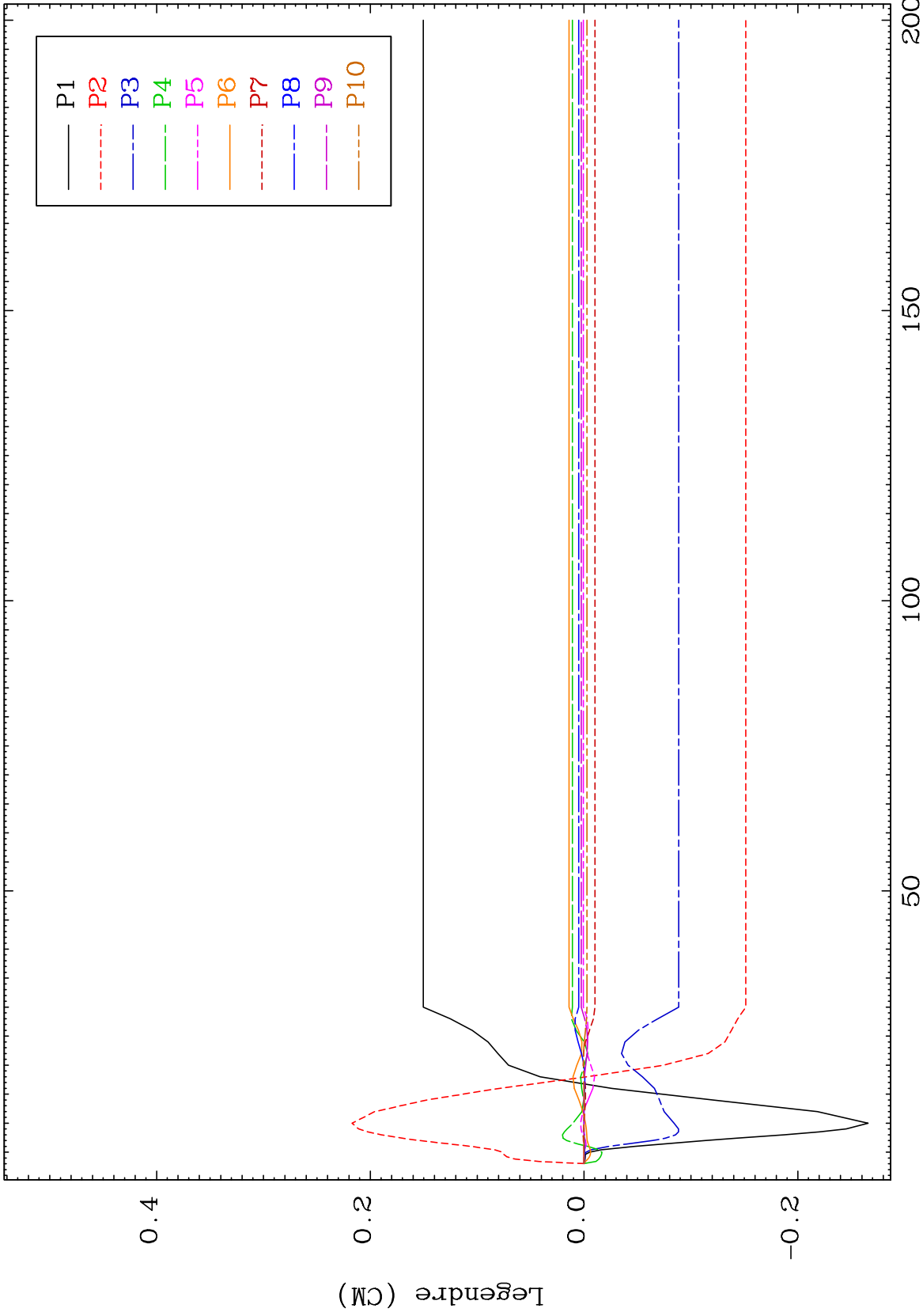
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



77

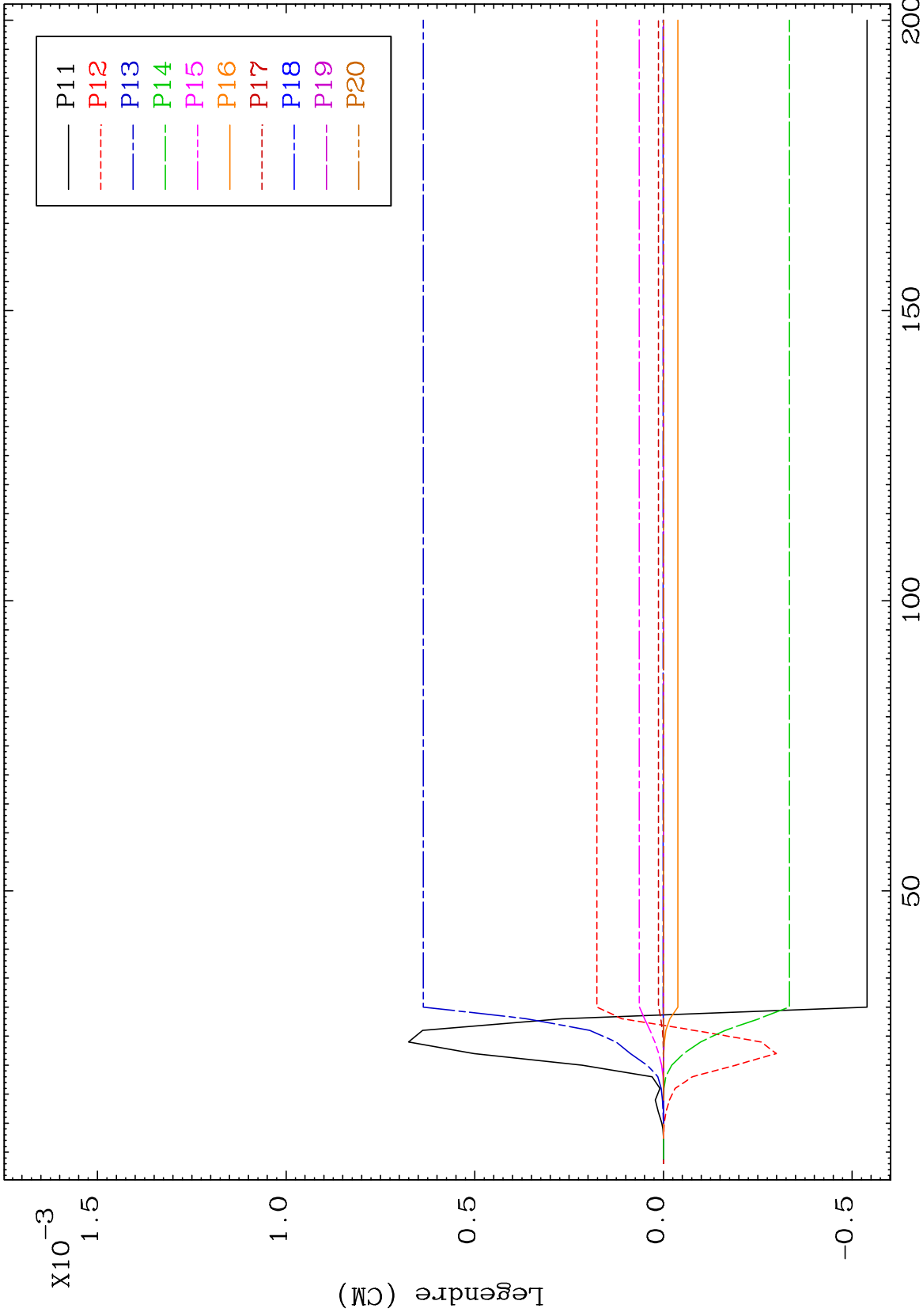
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



78

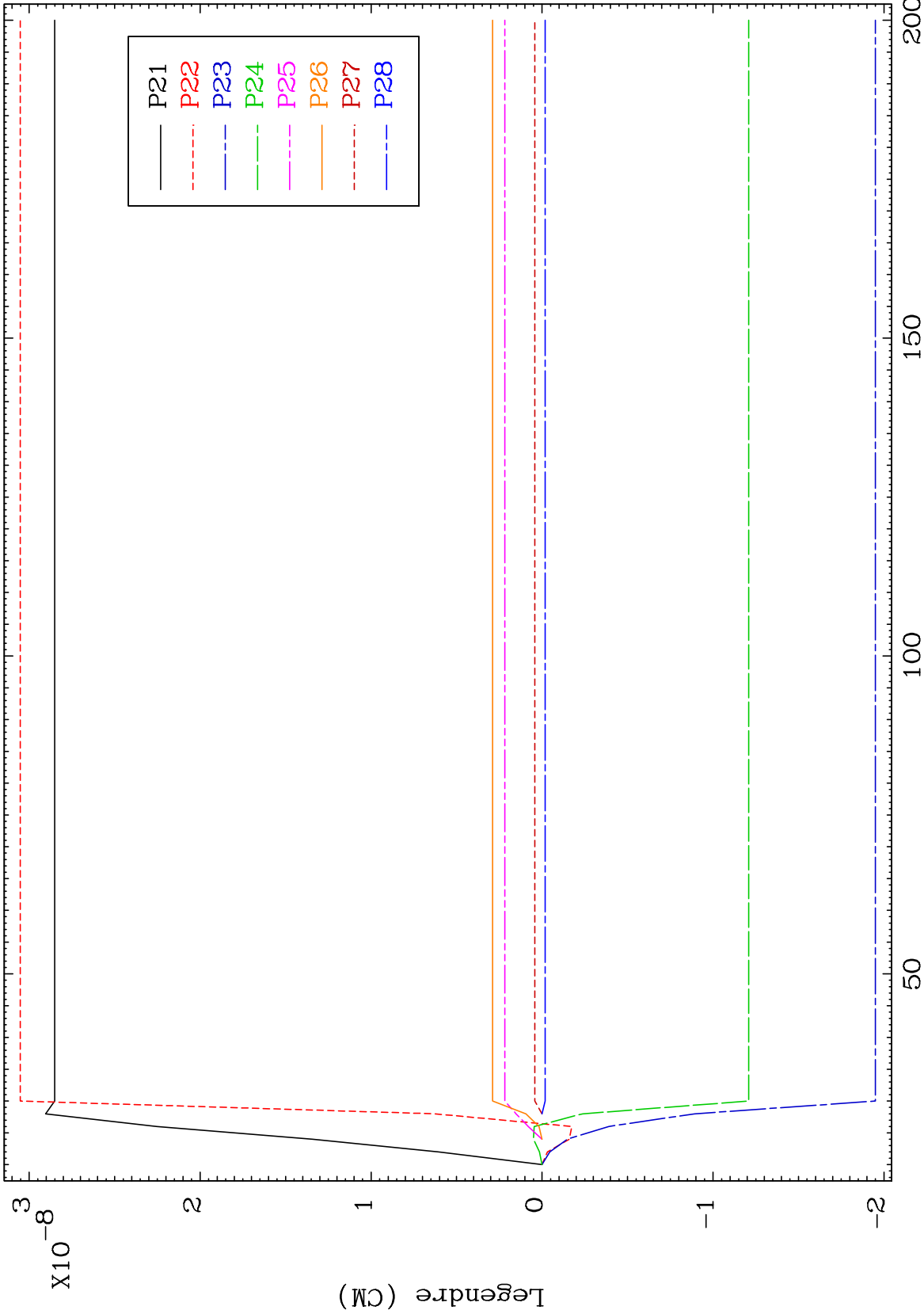
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



79

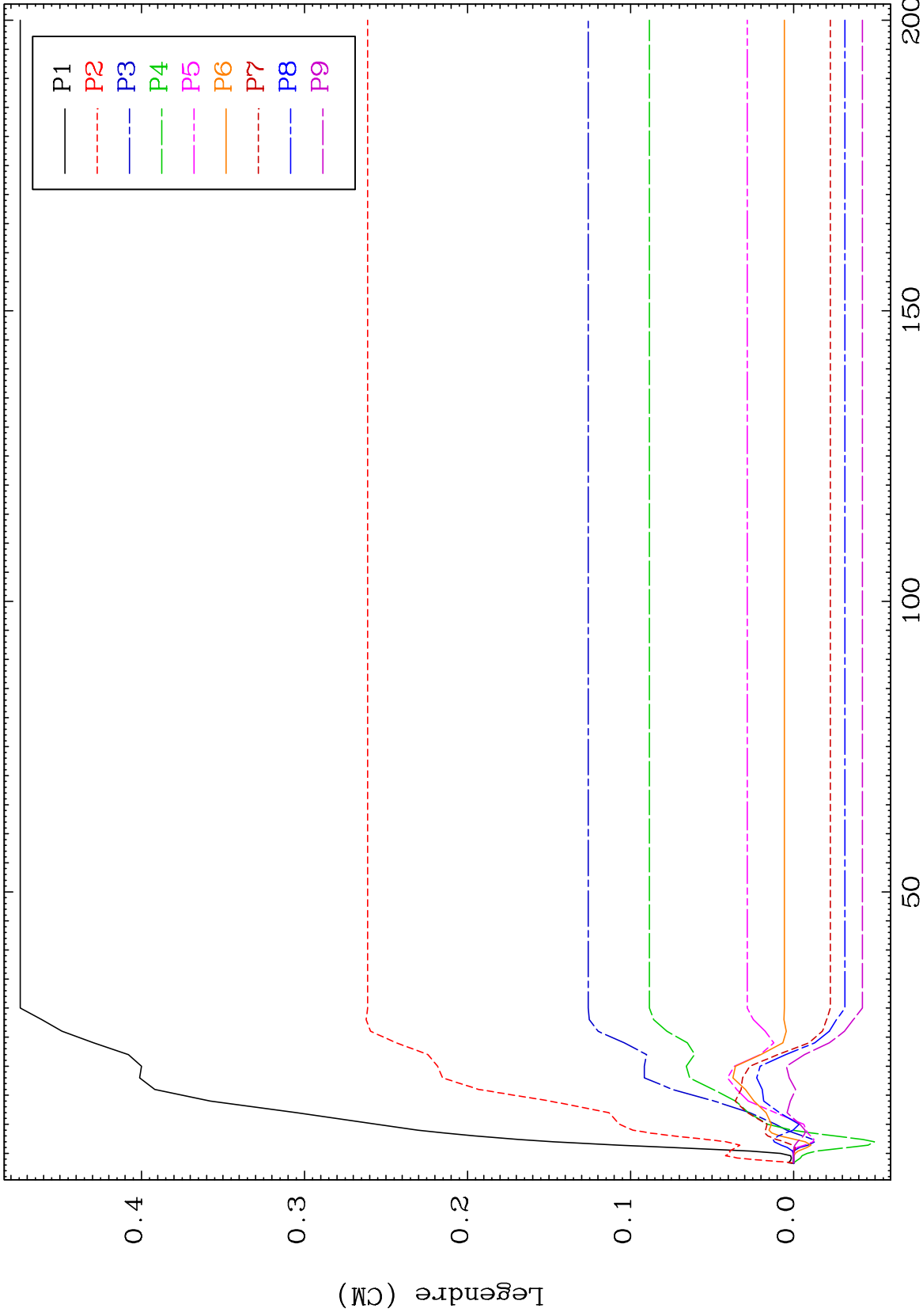
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



80

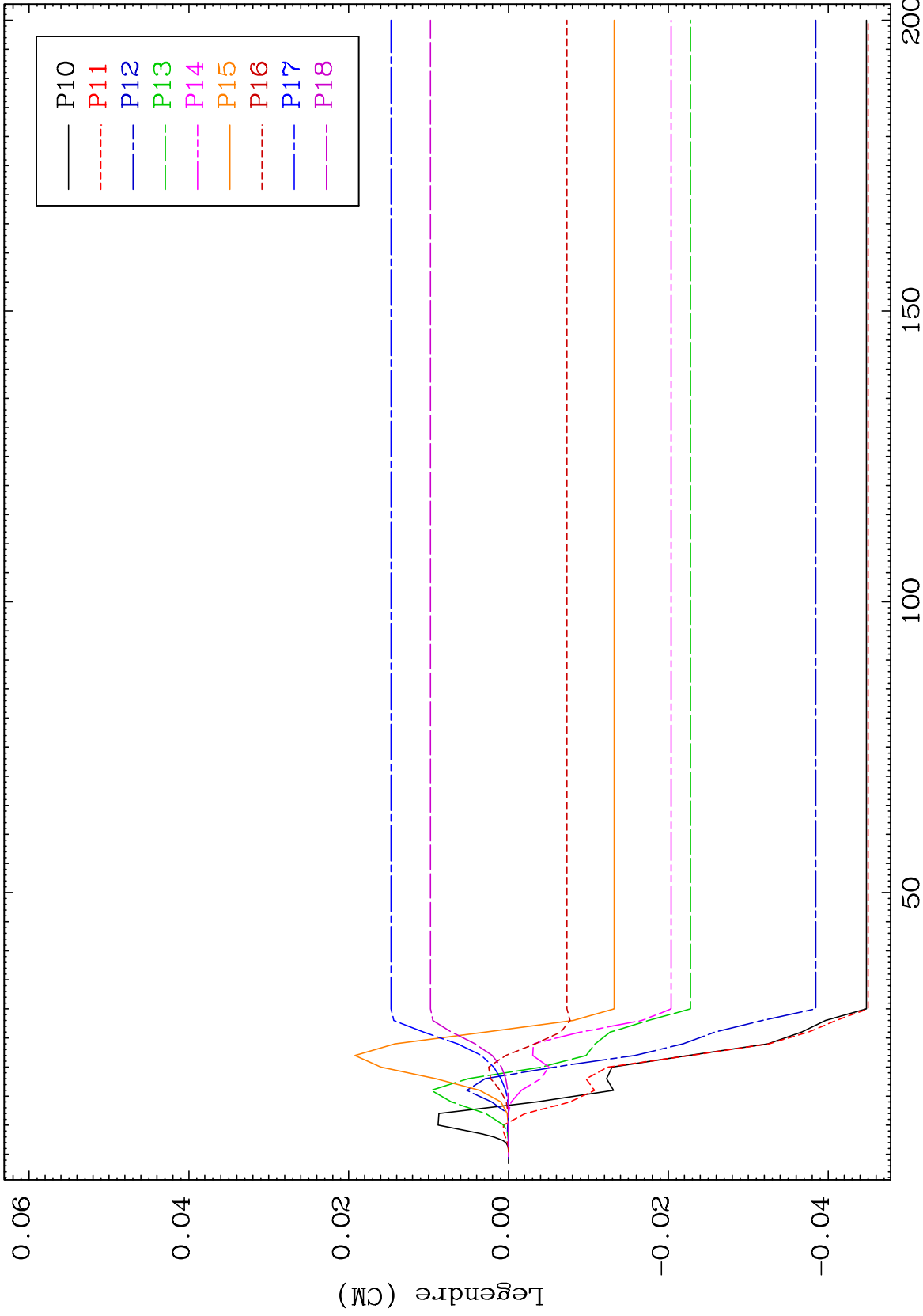
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



81

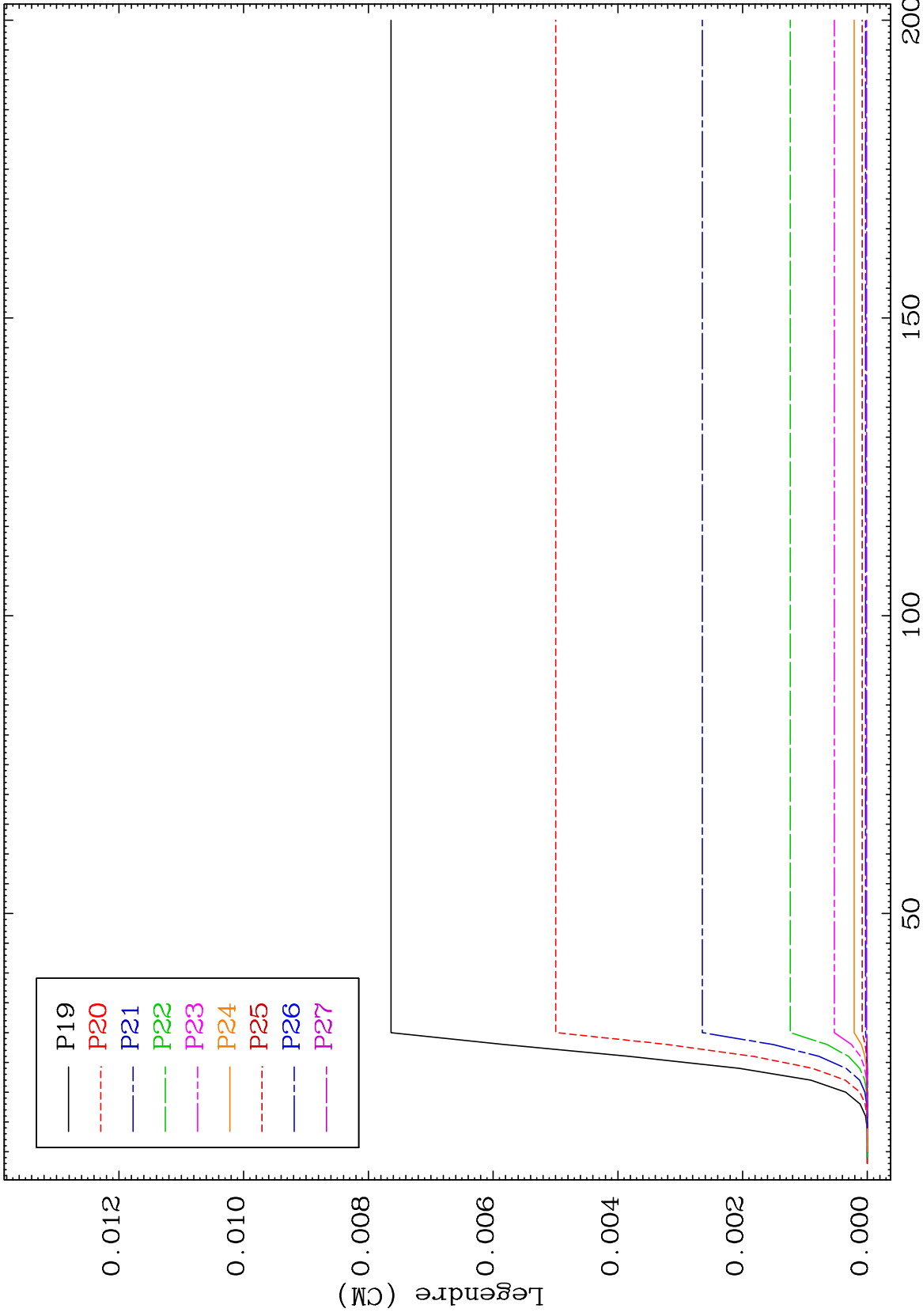
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



82

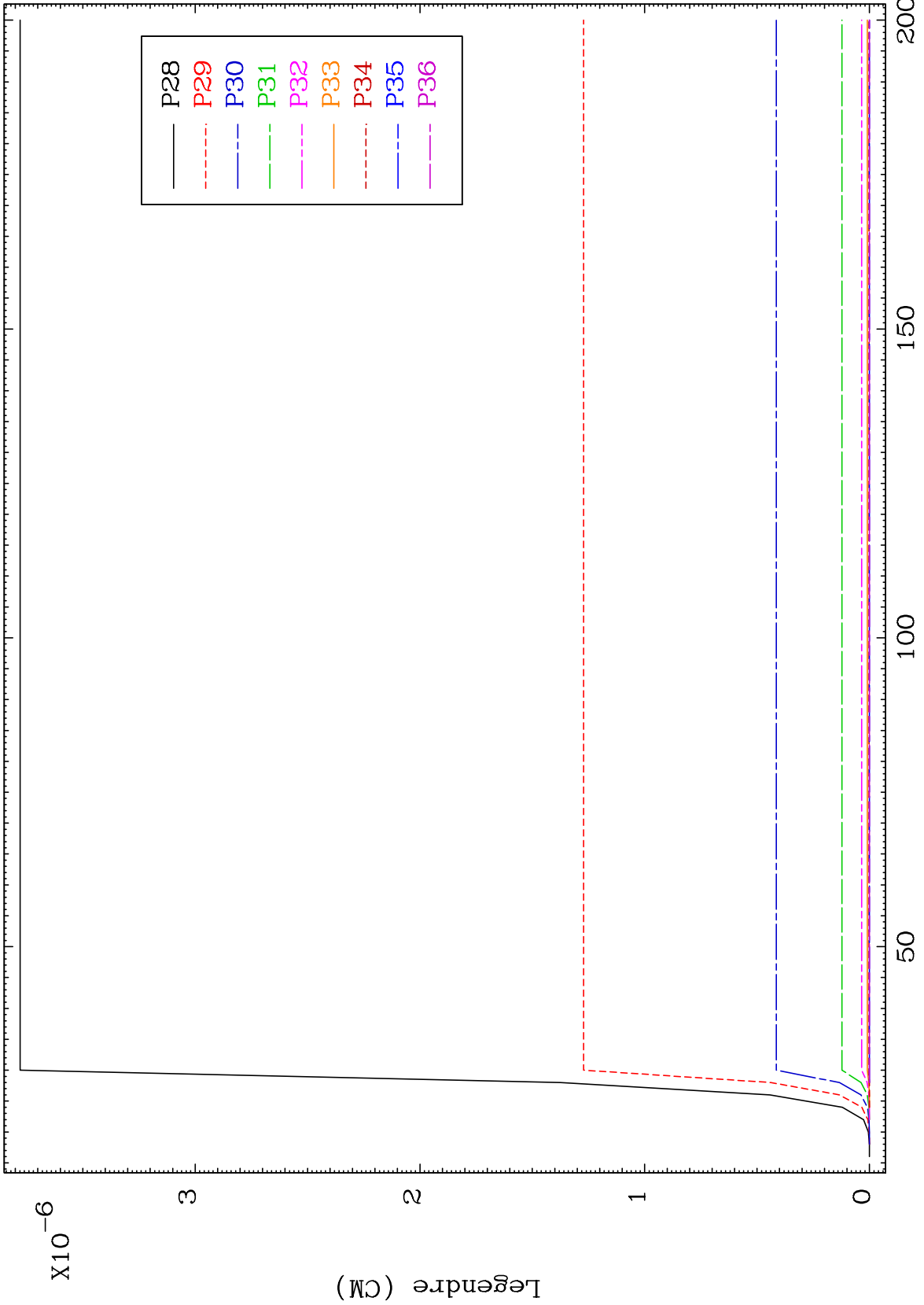
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



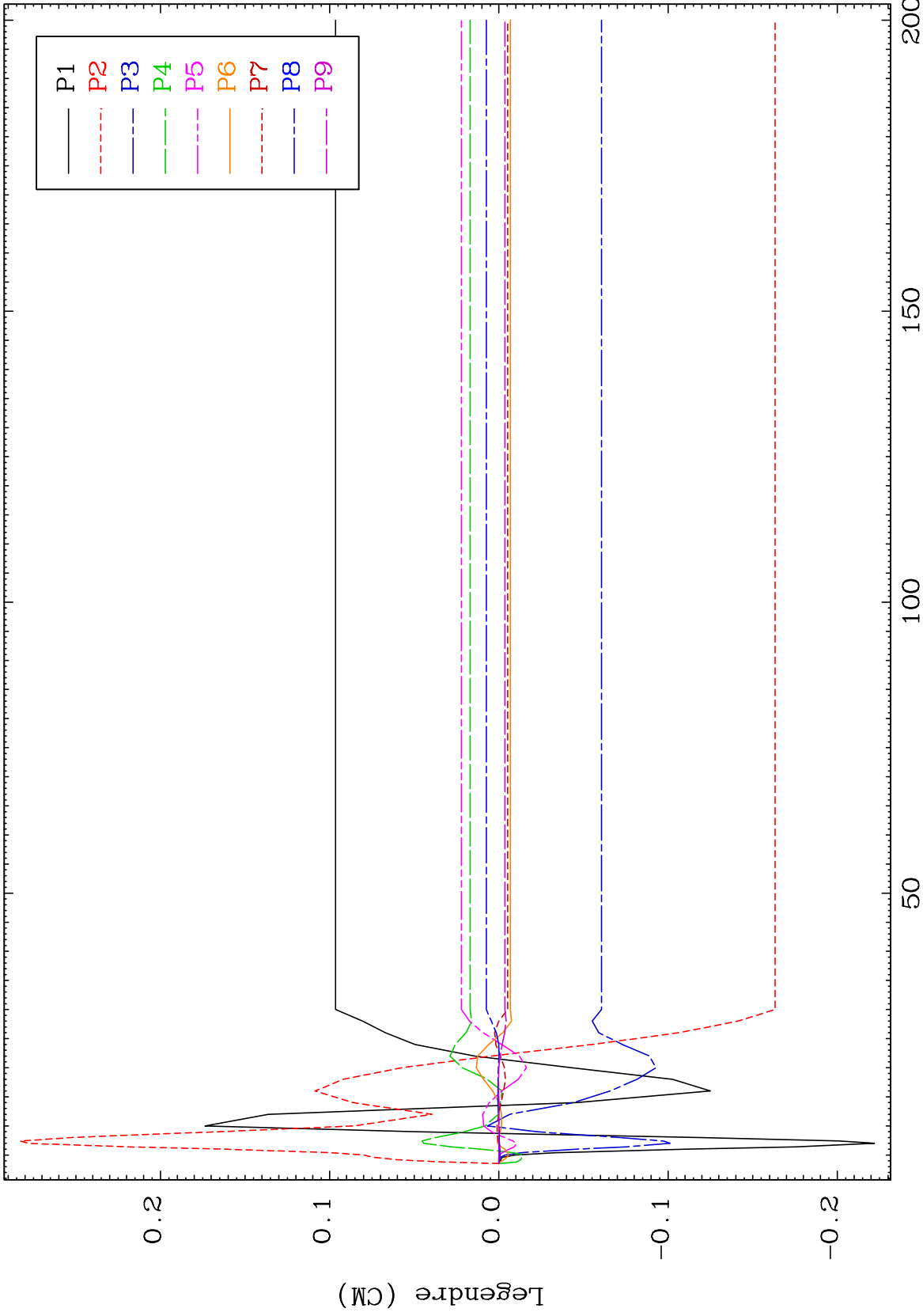
83

54-Xe-142

MAT 5479

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

54-Xe-142



84

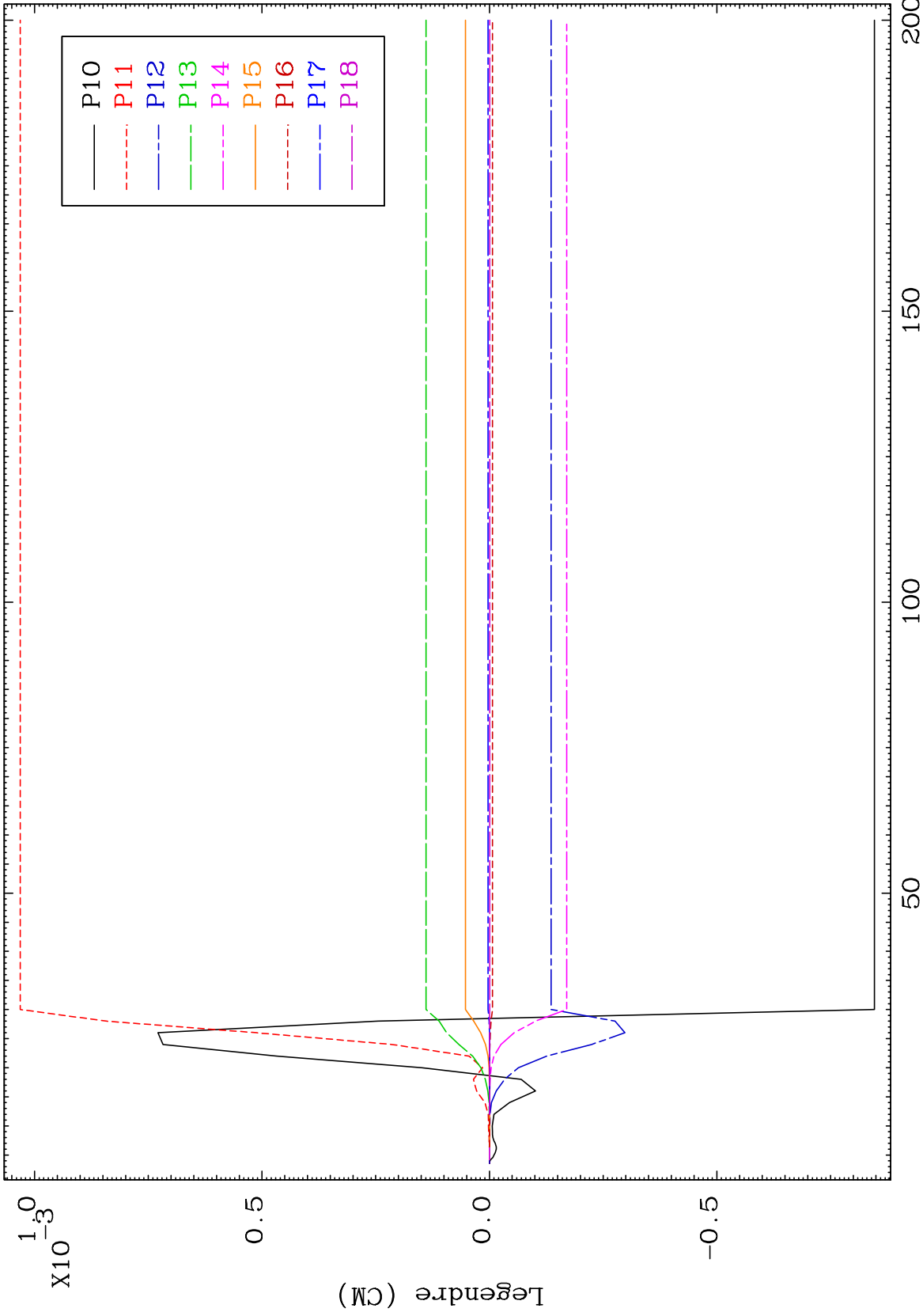
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



85

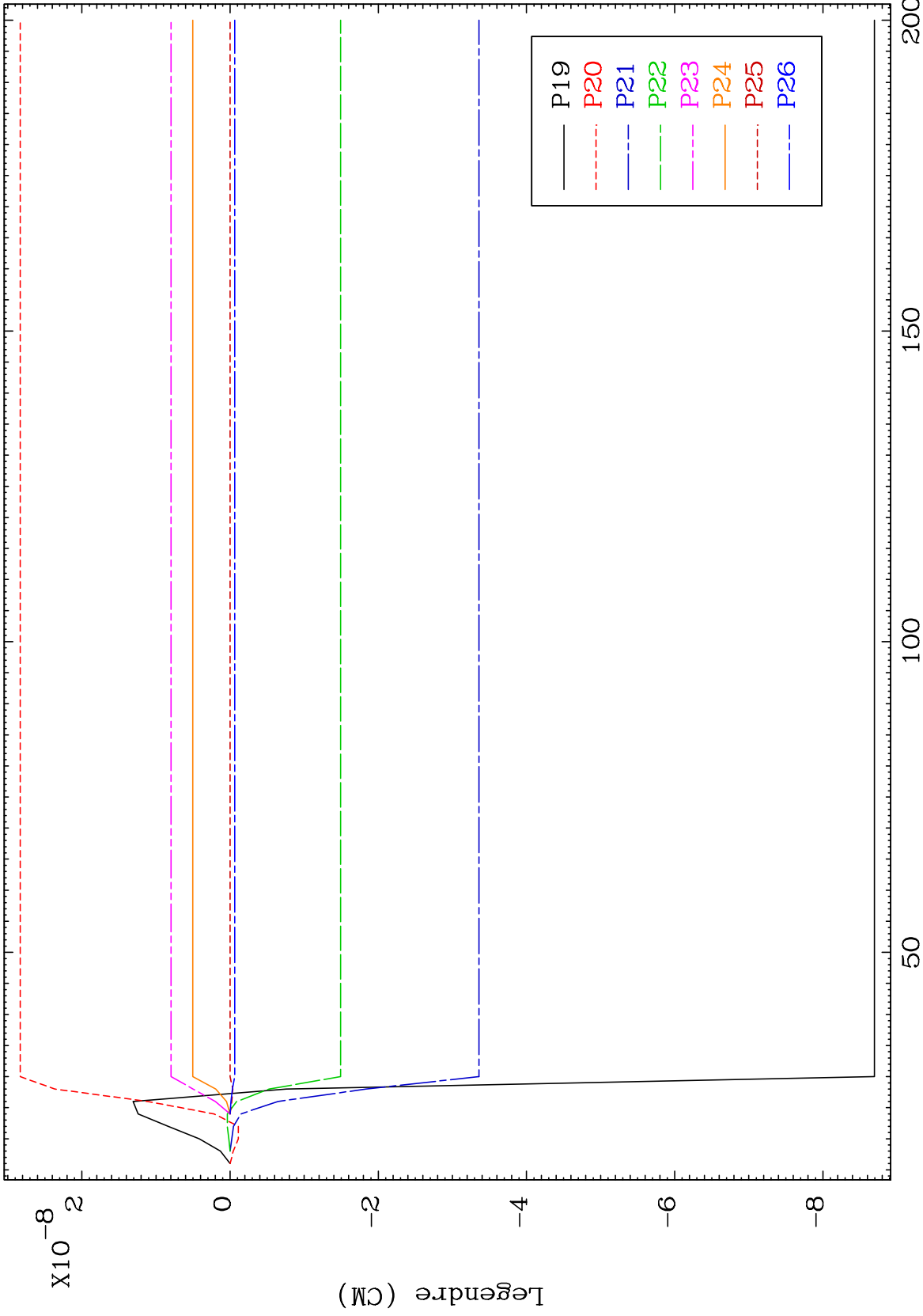
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



86

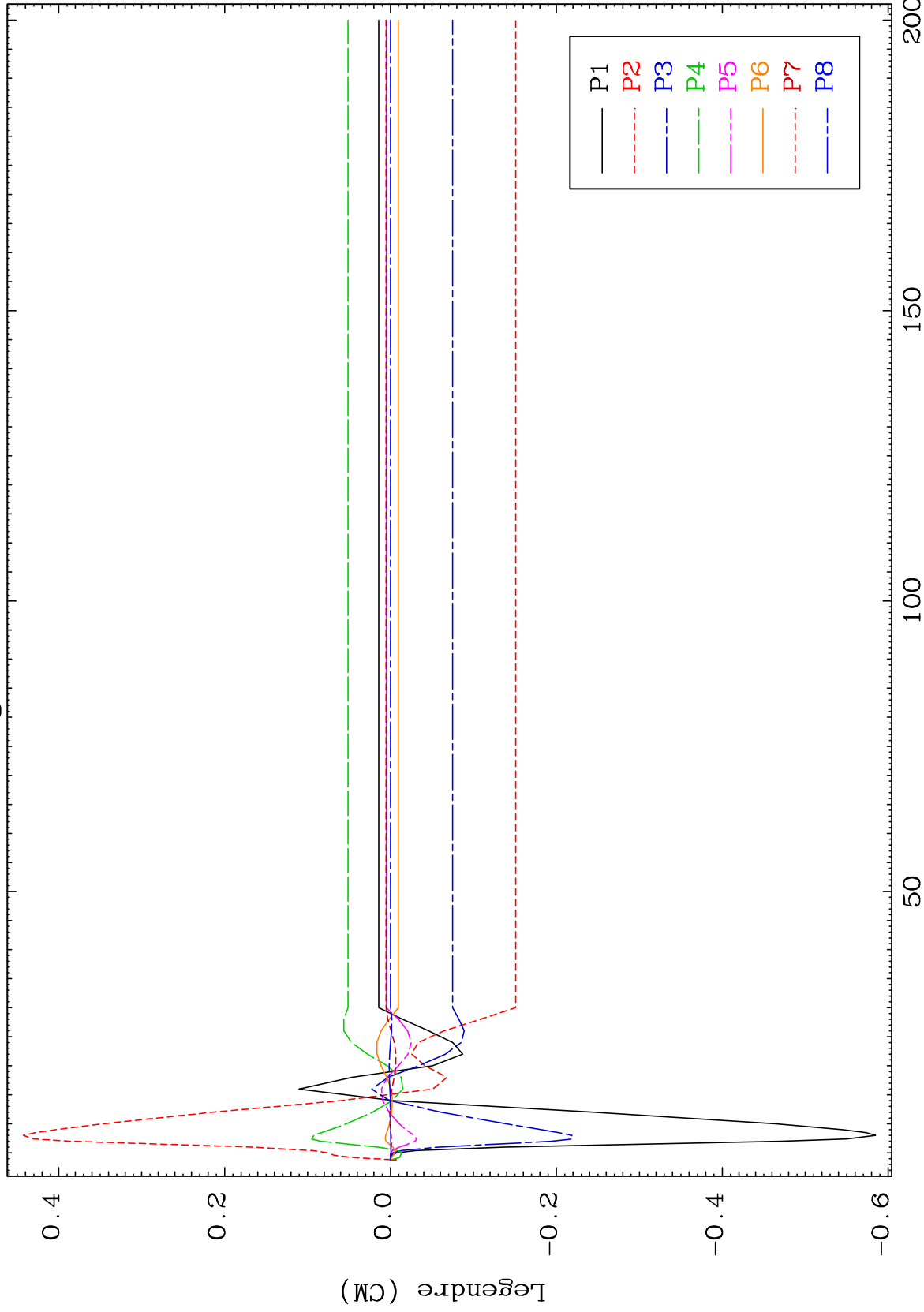
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



87

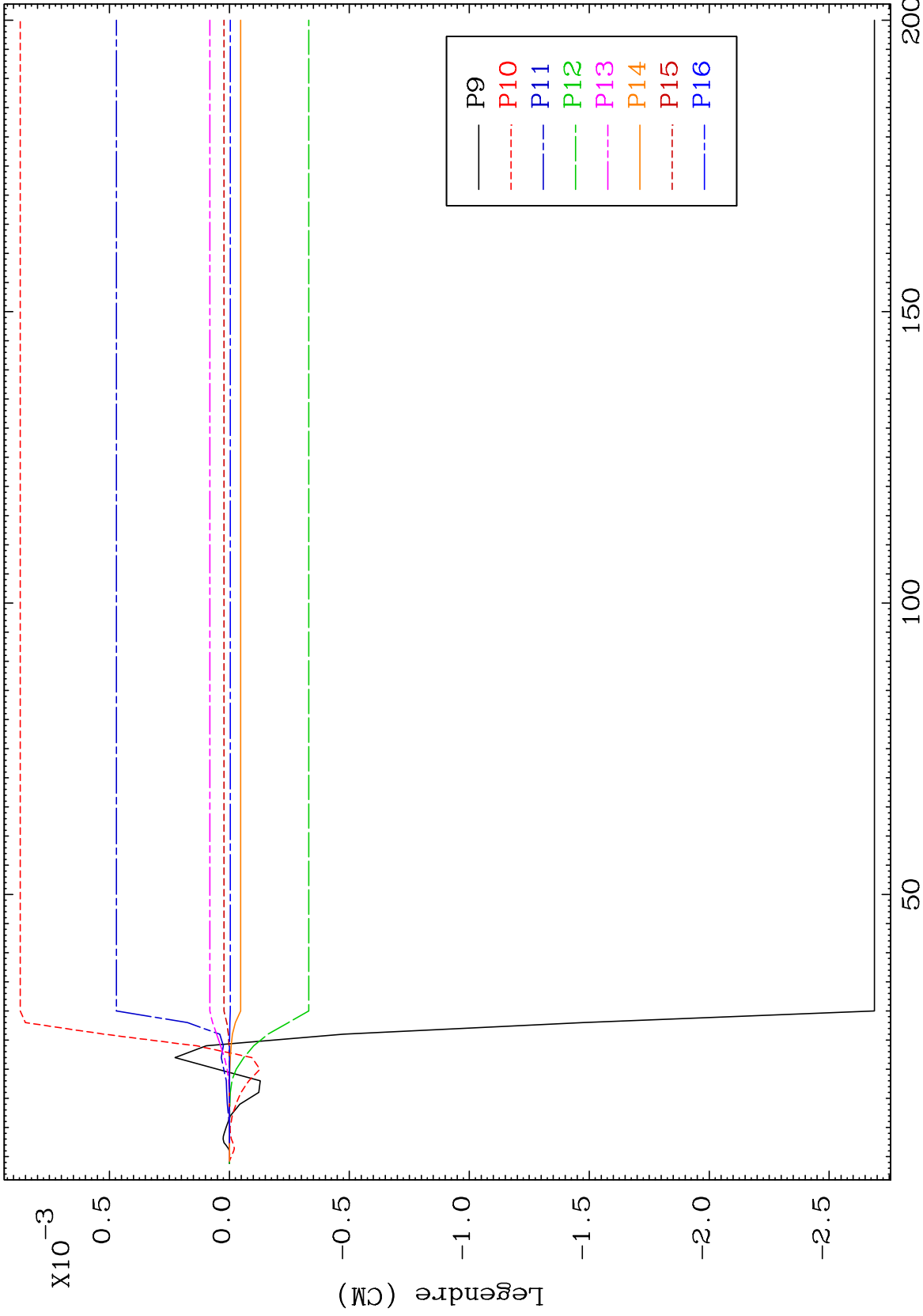
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

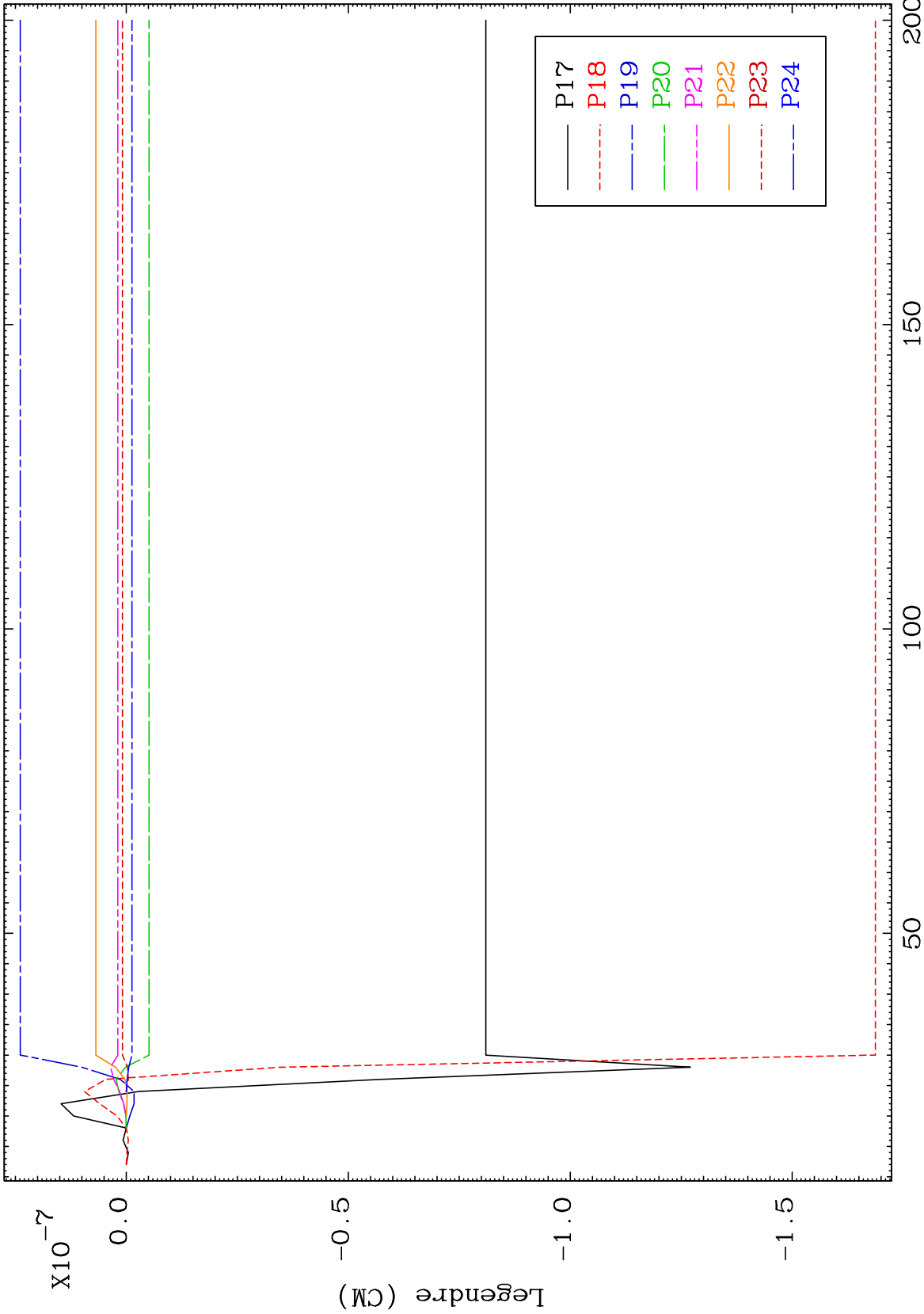
54-Xe-142



MAT 5479

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

54-Xe-142



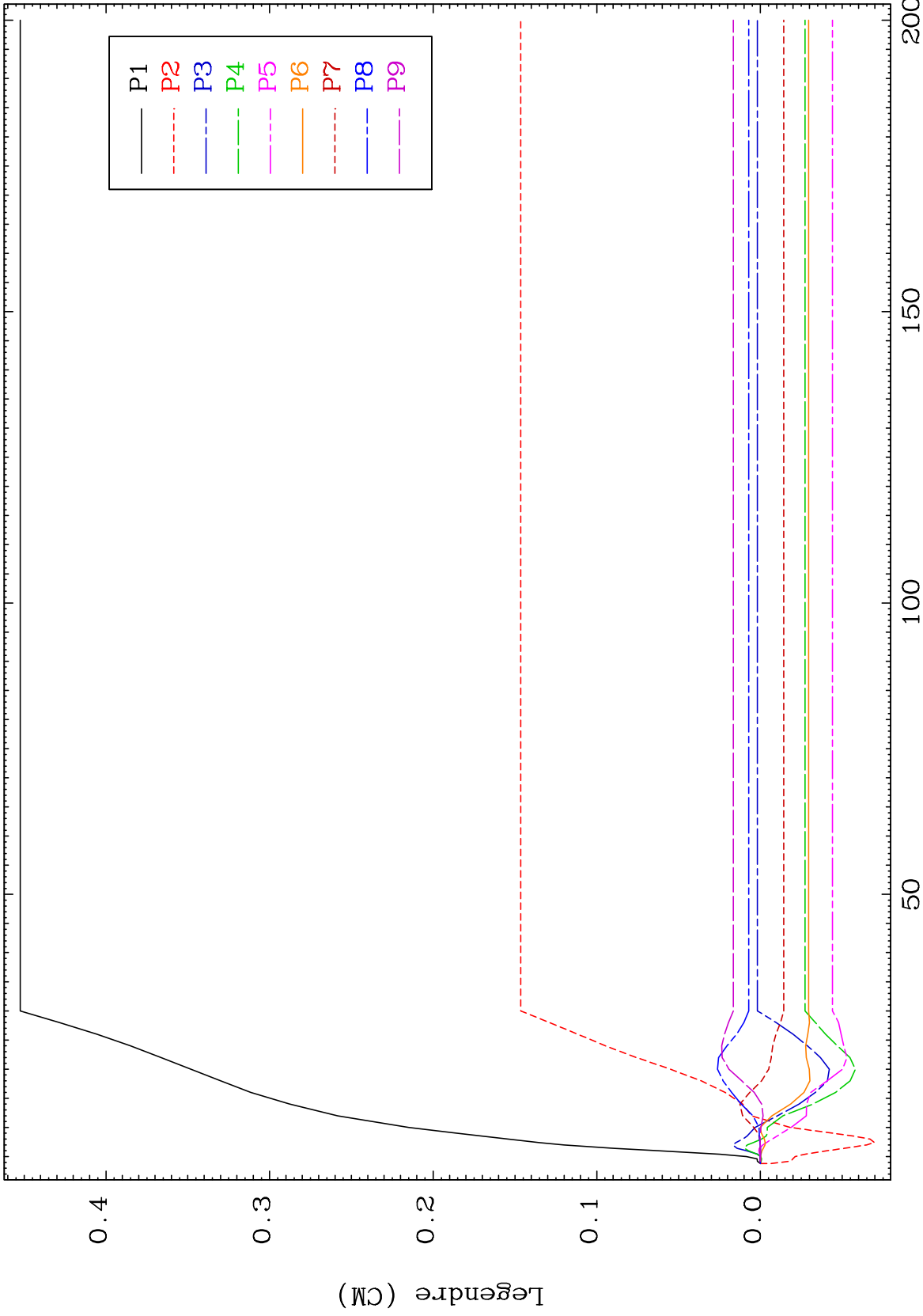
89

54-Xe-142

MAT 5479

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

54-Xe-142



90

Incident Energy (MeV)

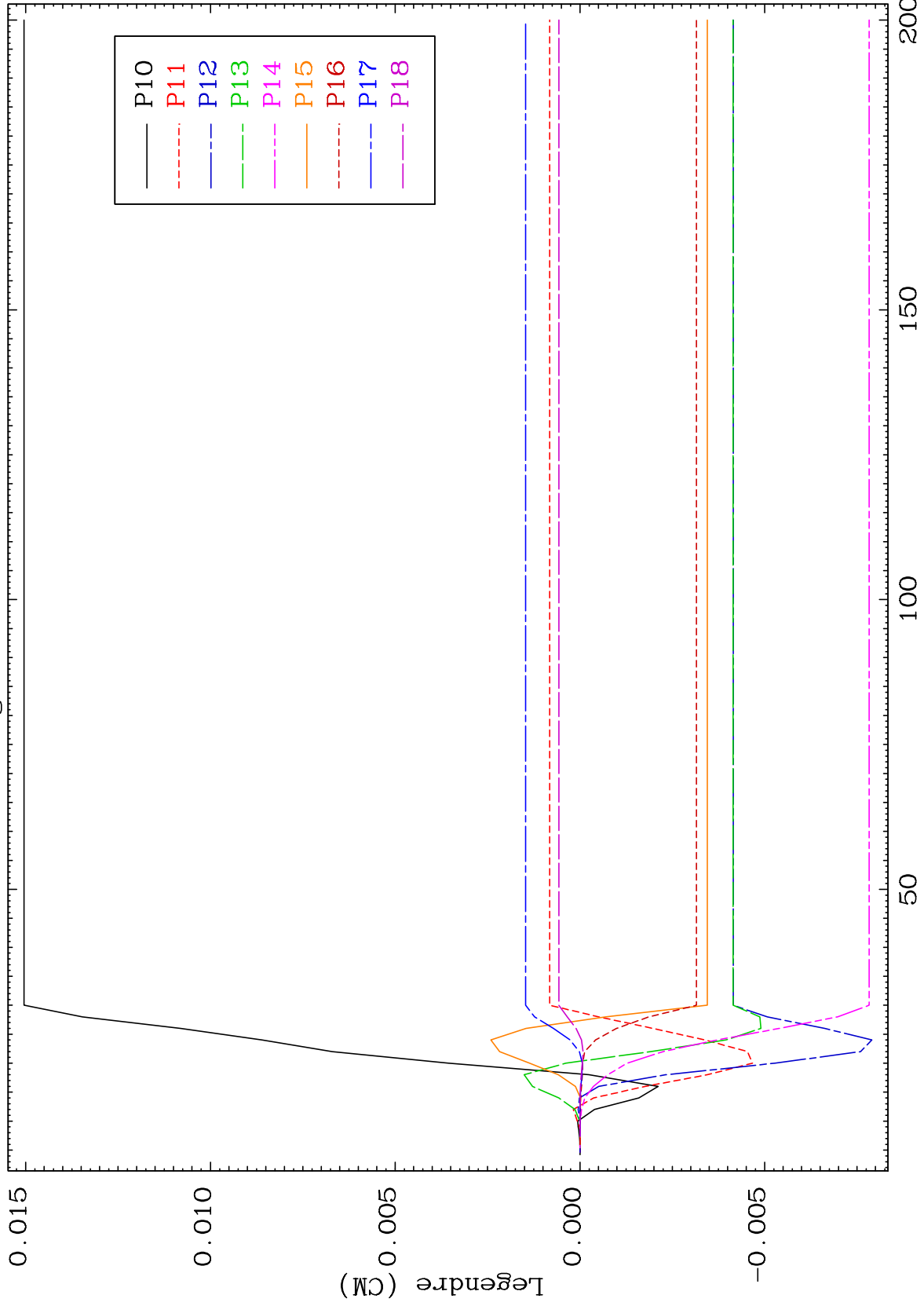
150

54-Xe-142

MAT 5479

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

54-Xe-142



91

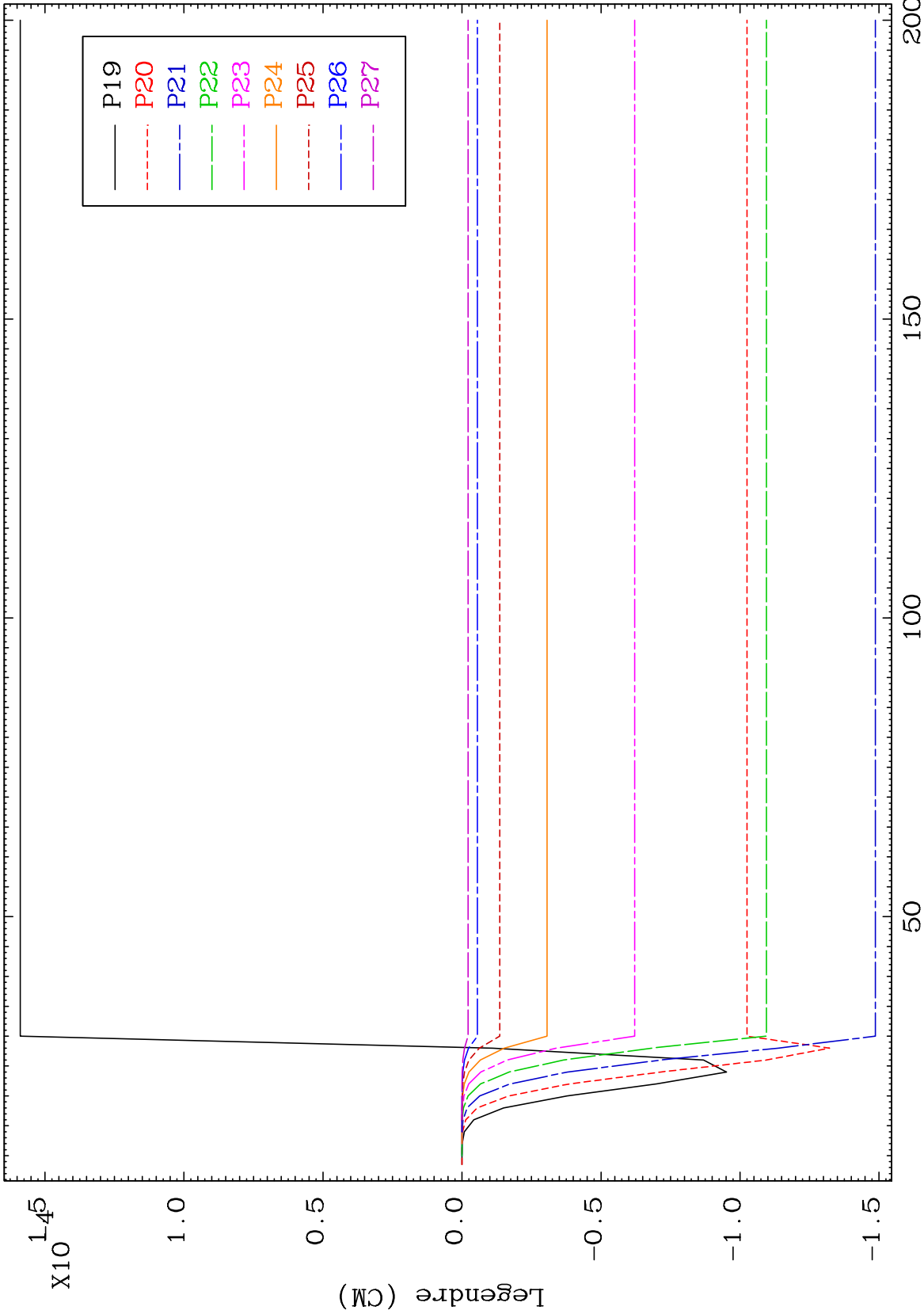
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



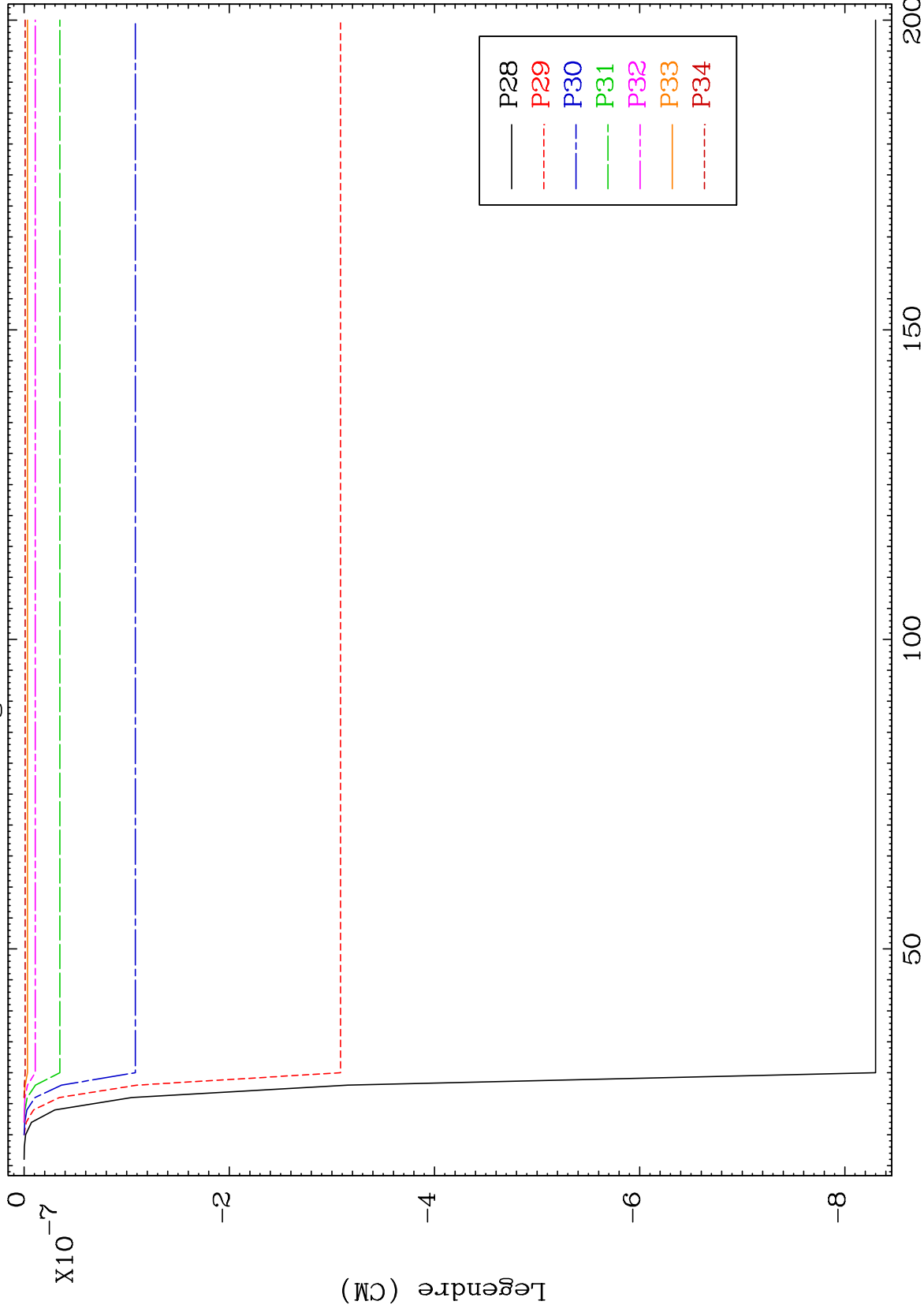
92

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

Incident Energy (MeV)

93