

Program EVALPLOT
(Version 2021-1)

by

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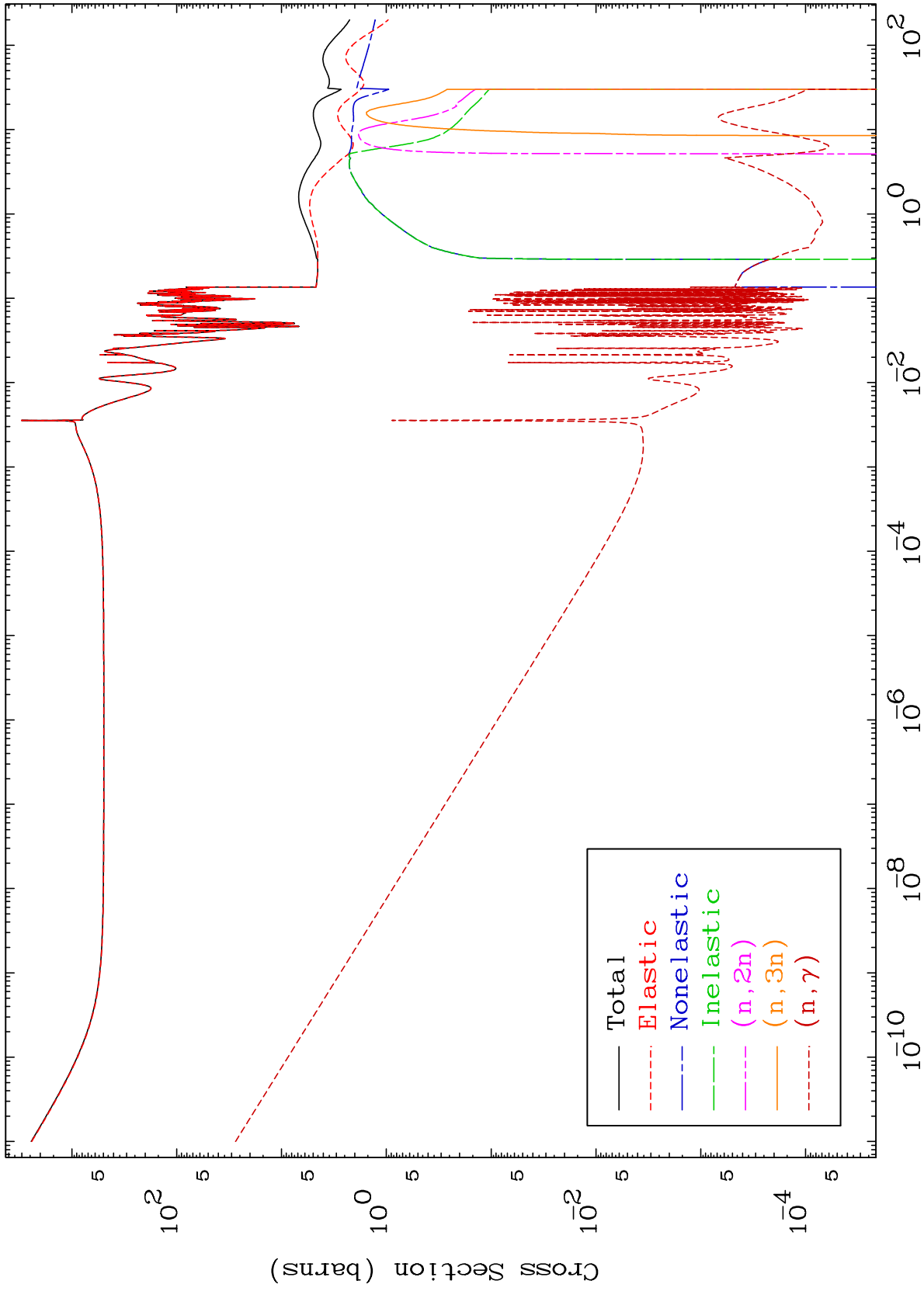
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5479

Neutron Major
293 Kelvin Cross Sections

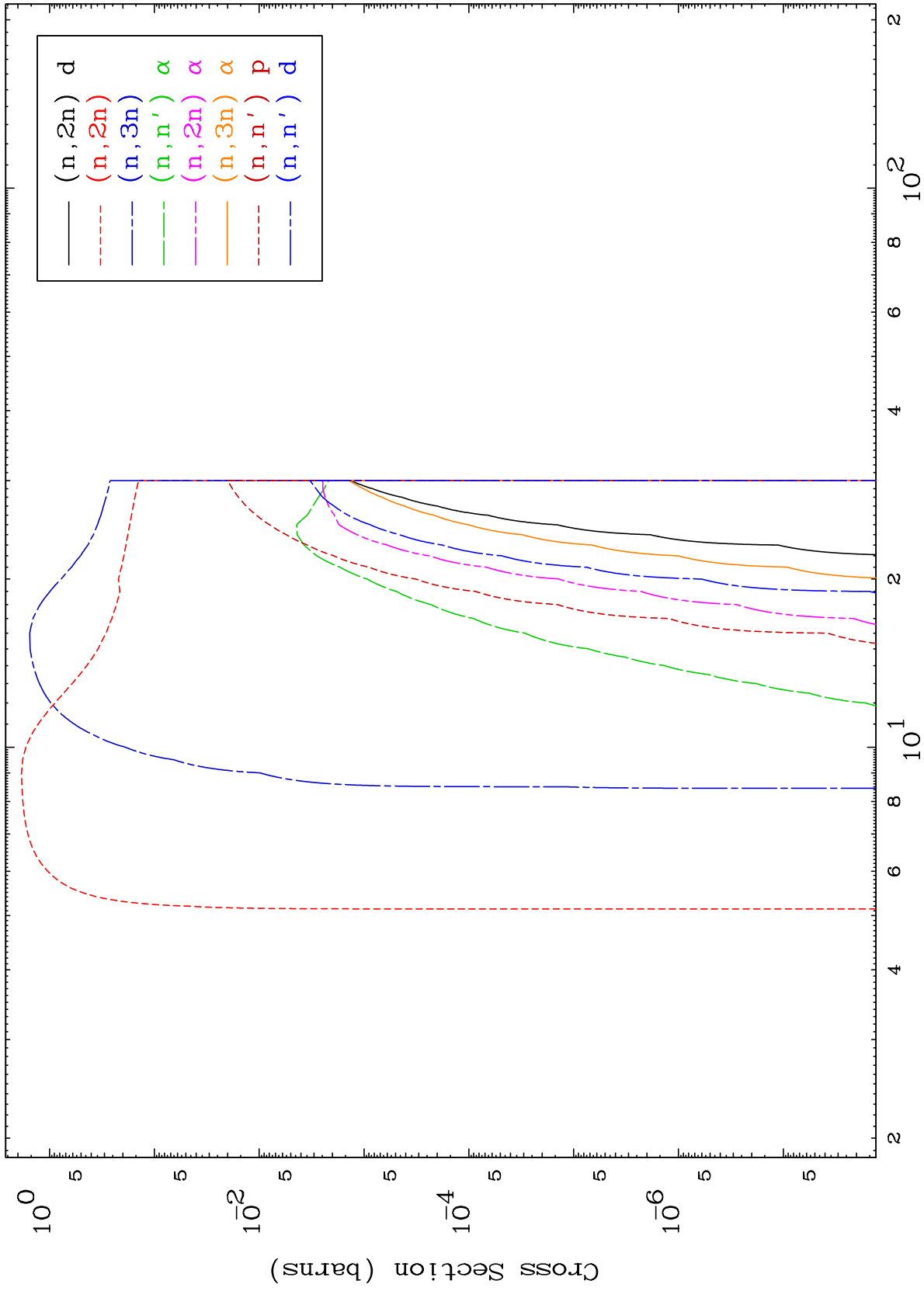
54-Xe-142



MAT 5479

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-142



2

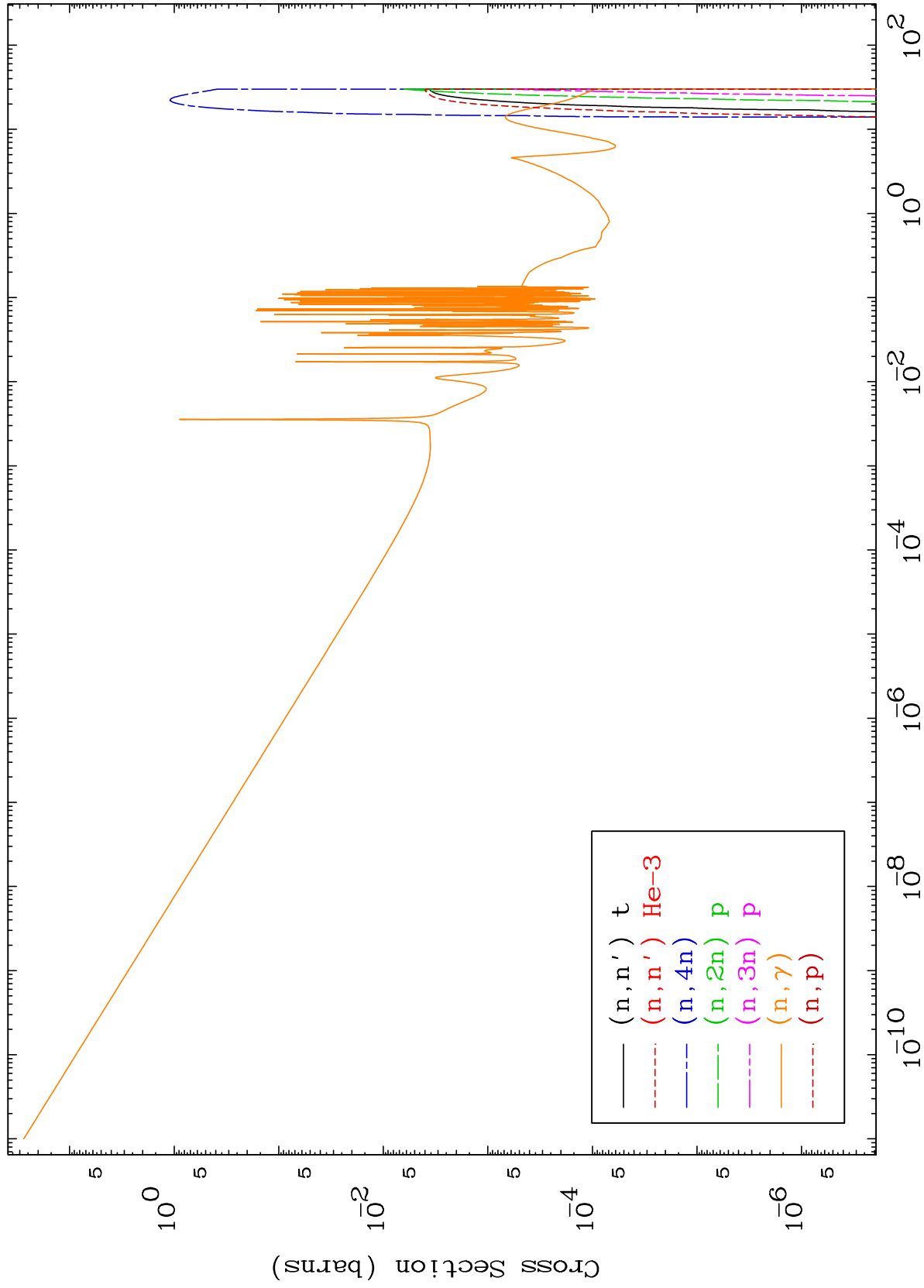
Incident Energy (MeV)

54-Xe-142

MAT 5479

Neutron Absorption
293 Kelvin Cross Sections

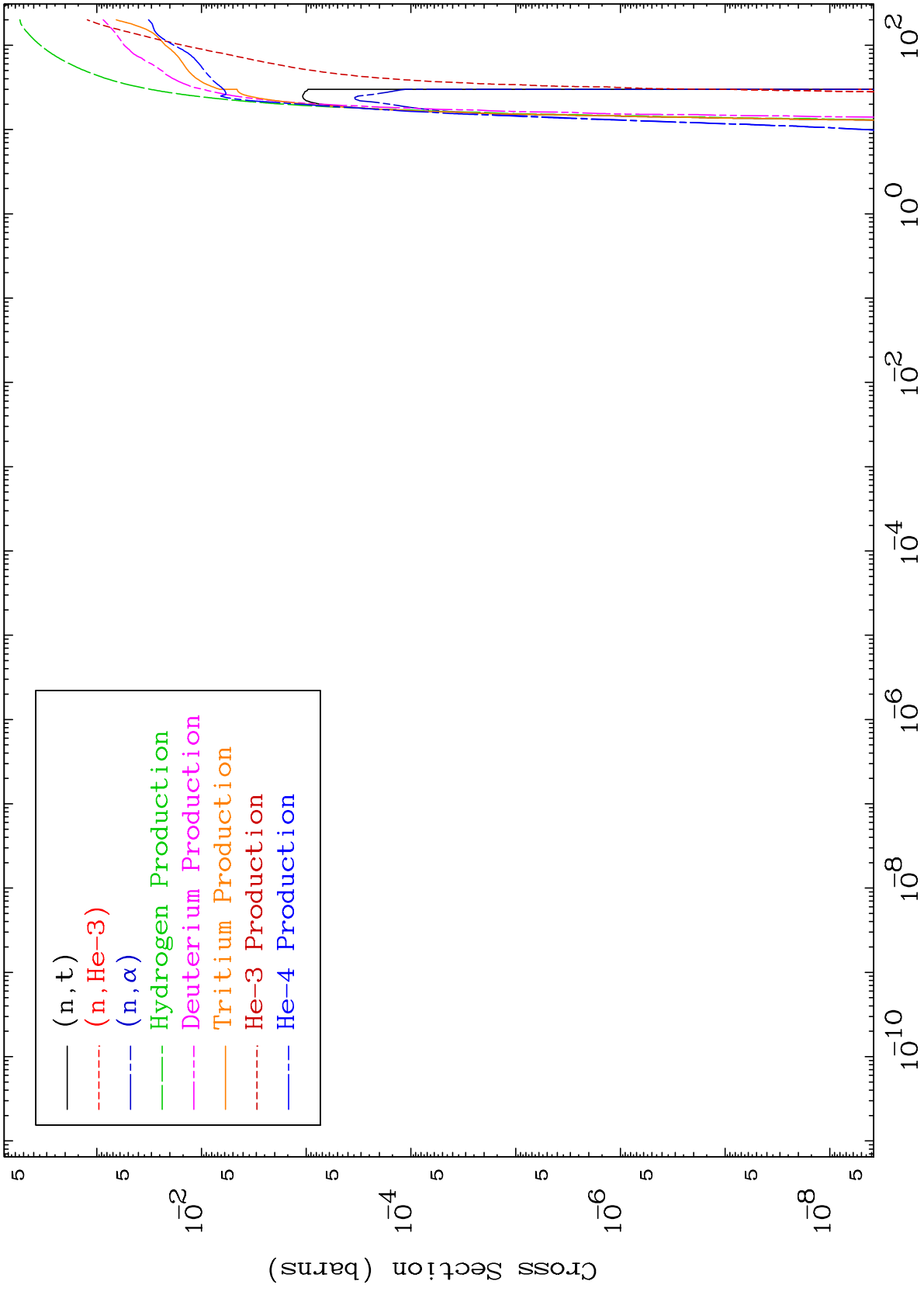
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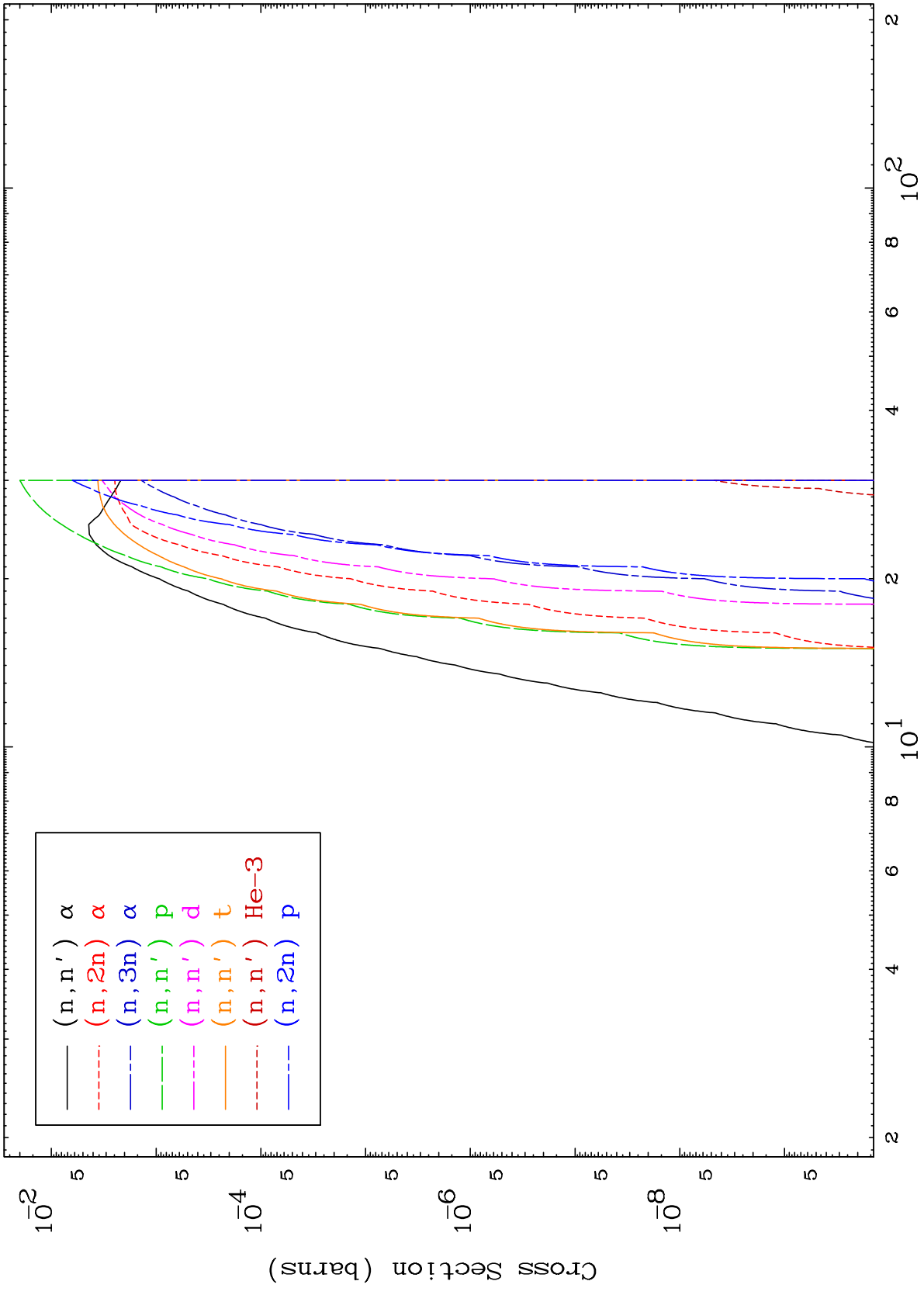
MAT 5479

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-142



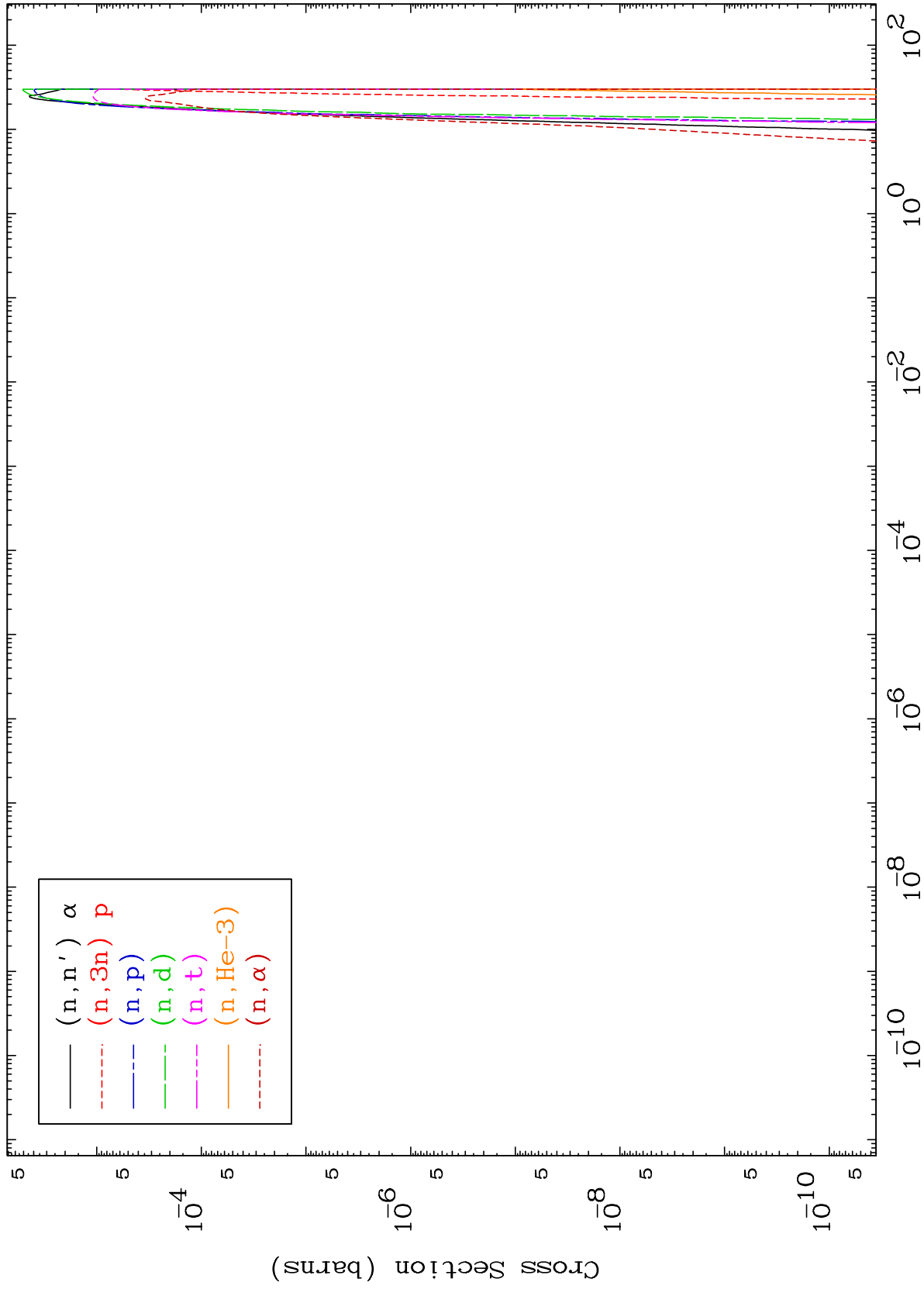
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MAT 5479

Charged Particle
293 Kelvin Cross Sections

54-Xe-142



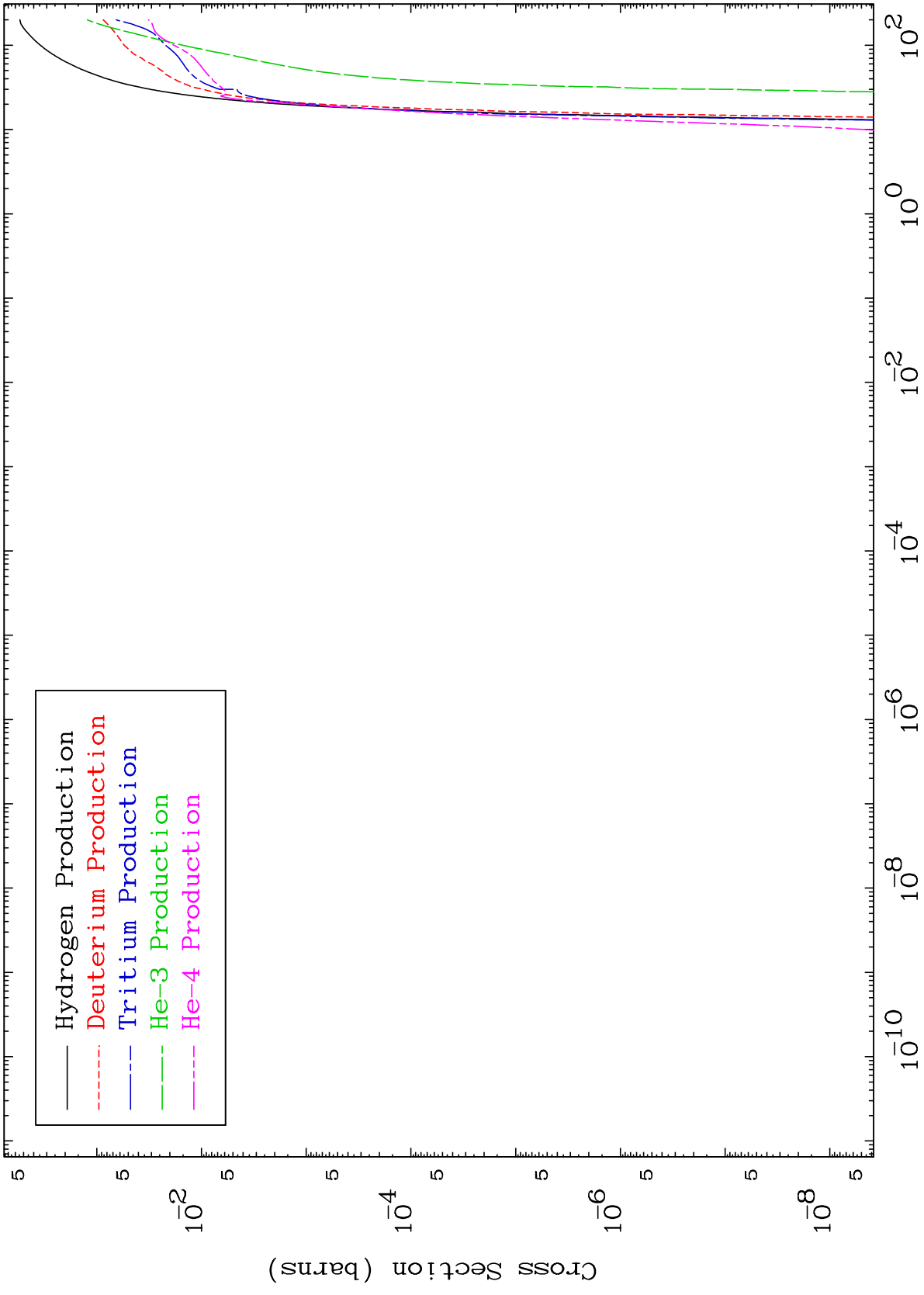
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54-Xe-142

MAT 5479

Particle Production
293 Kelvin Cross Sections

54-Xe-142



7

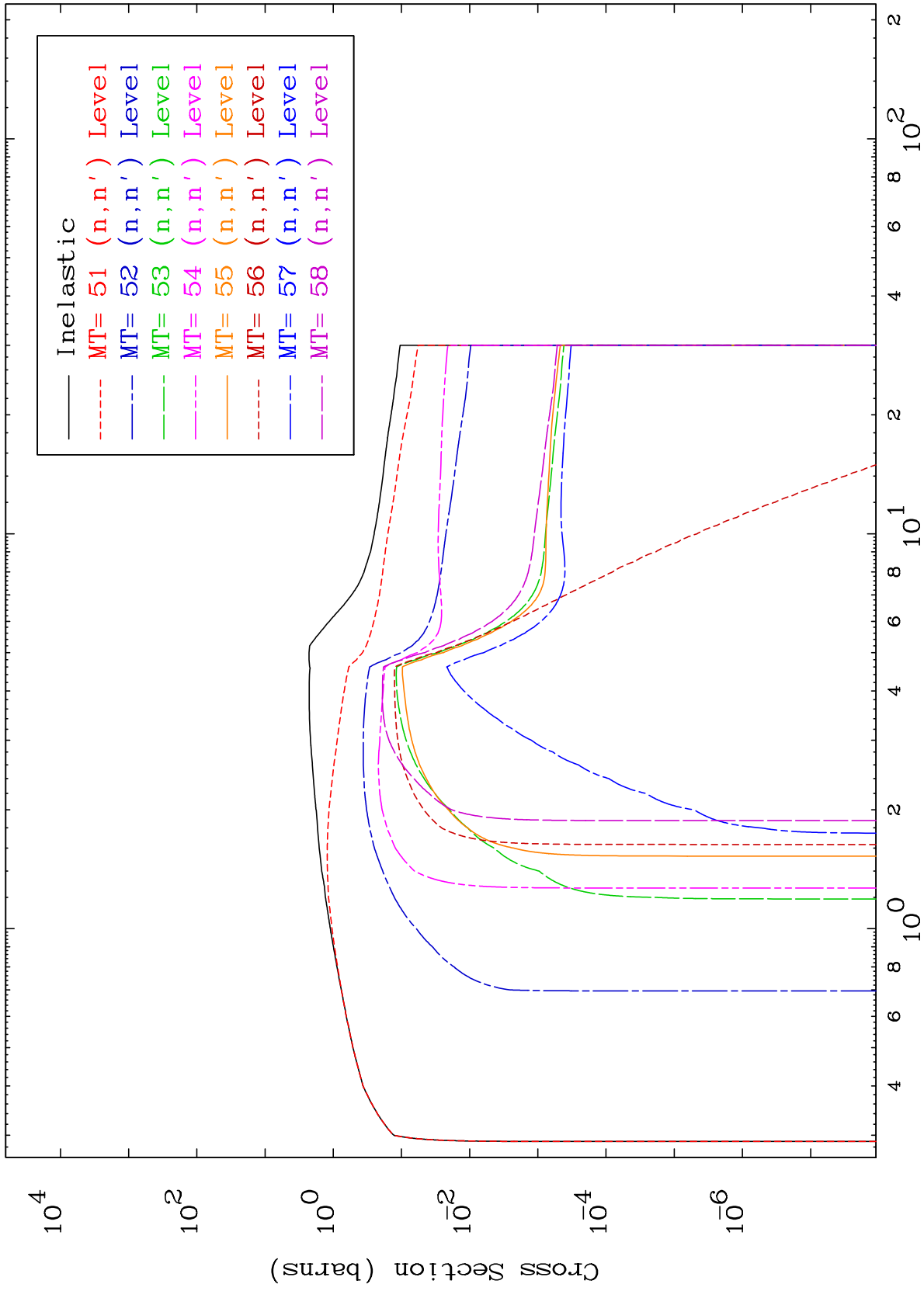
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-142



8

Incident Energy (MeV)

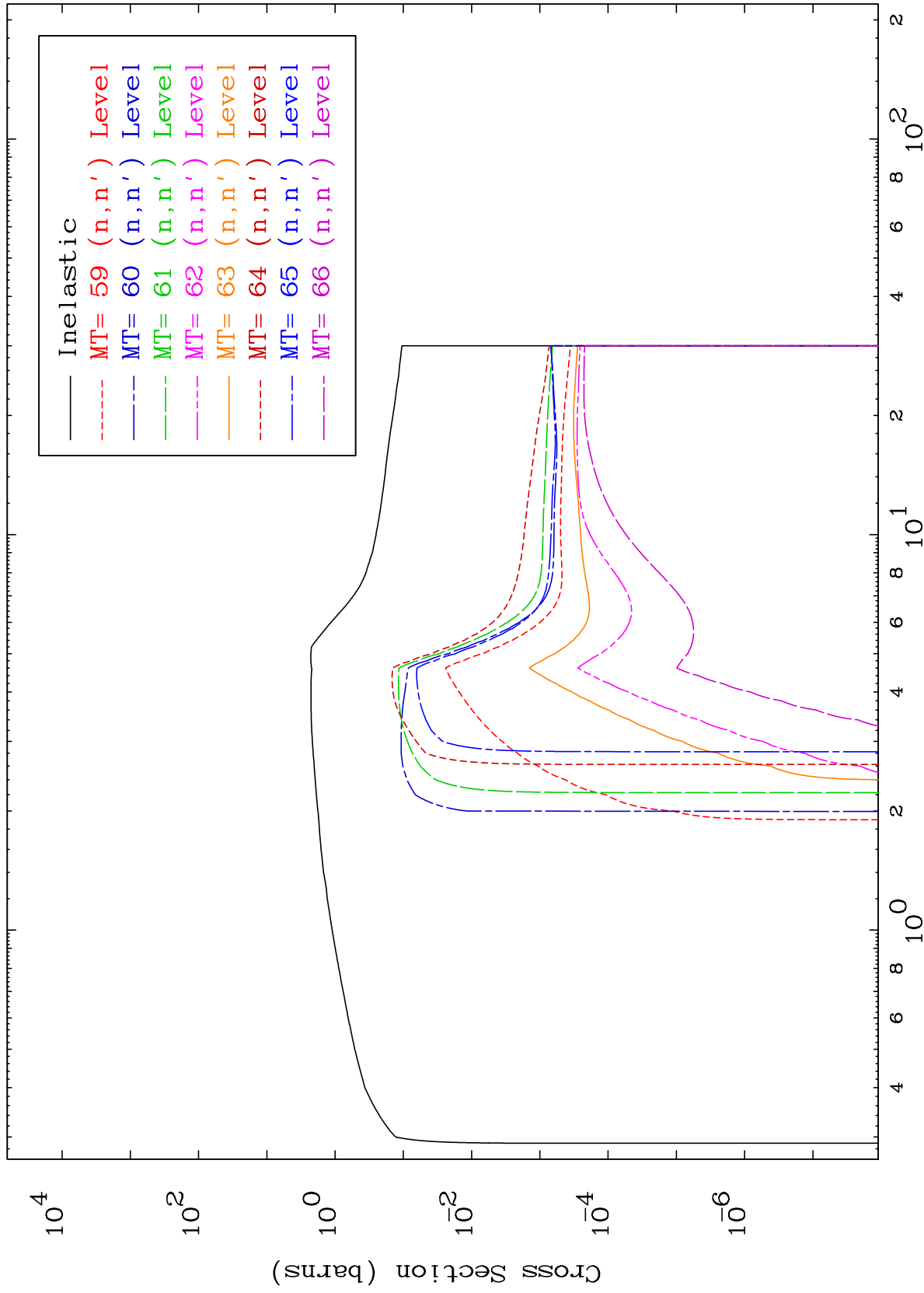
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MAT 5479

(n,n') Levels

54-Xe-142

293 Kelvin Cross Sections



9

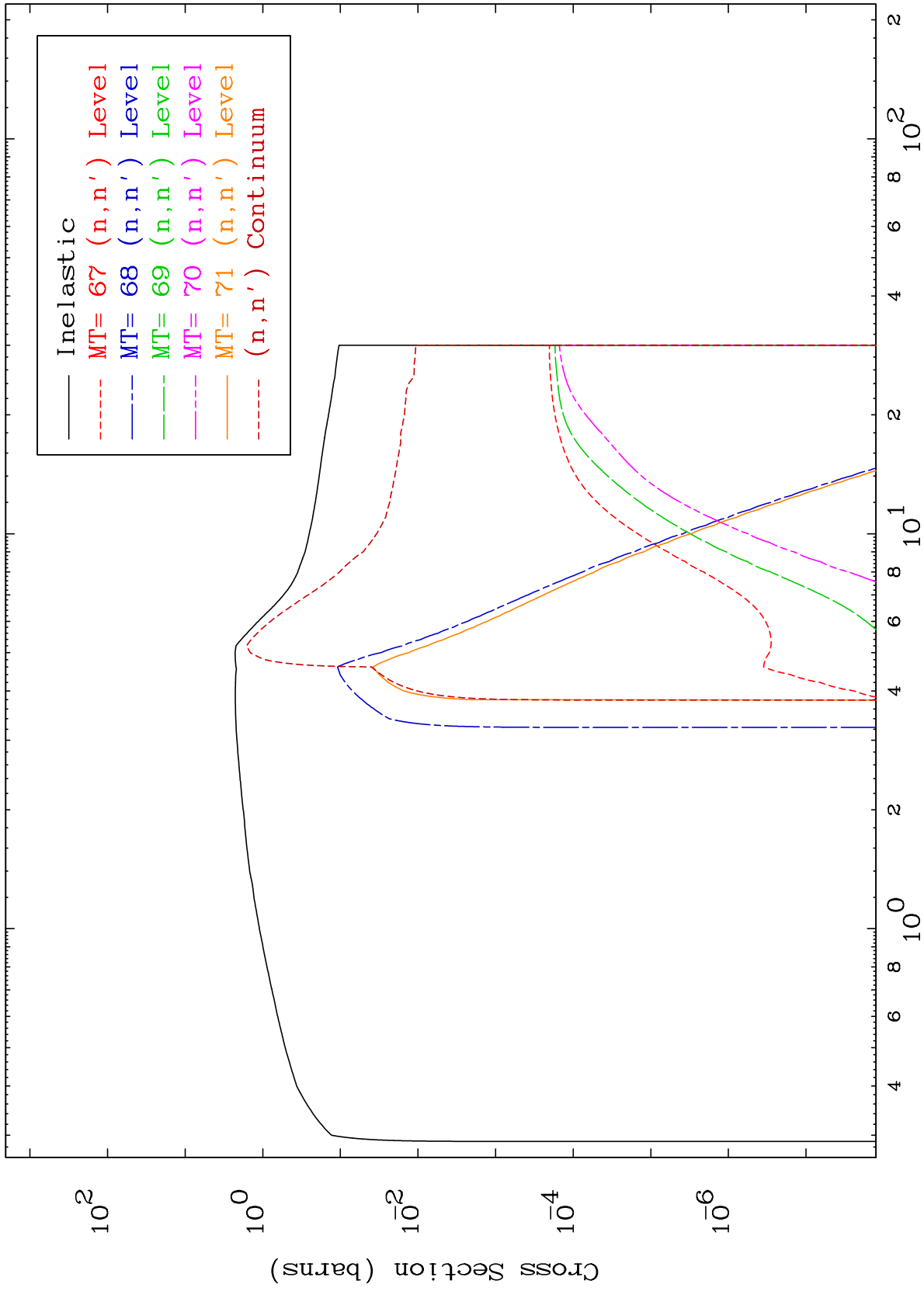
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54-Xe-142

MAT 5479

(n,n') Levels
293 Kelvin Cross Sections

54-Xe-142



10

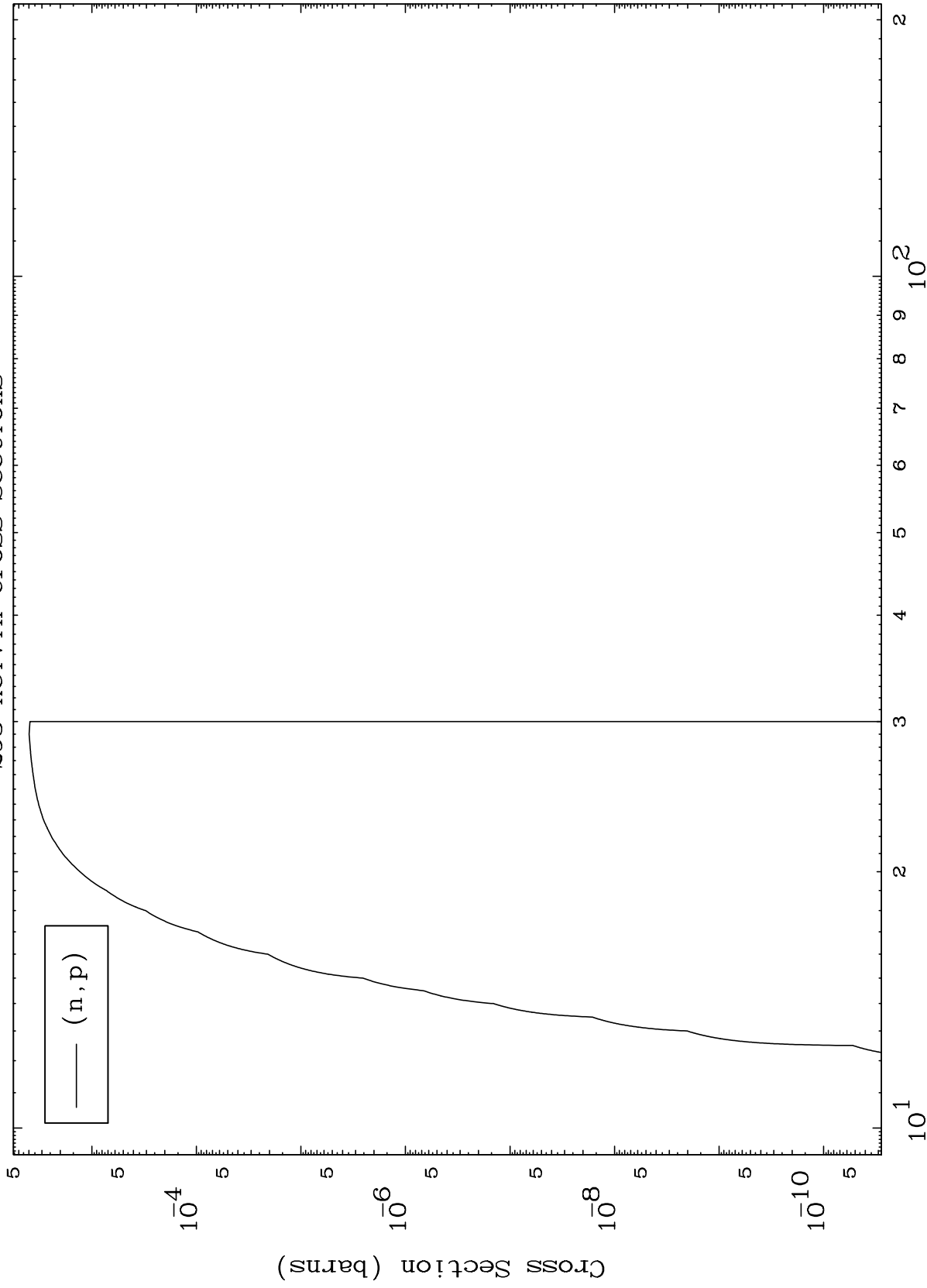
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-142



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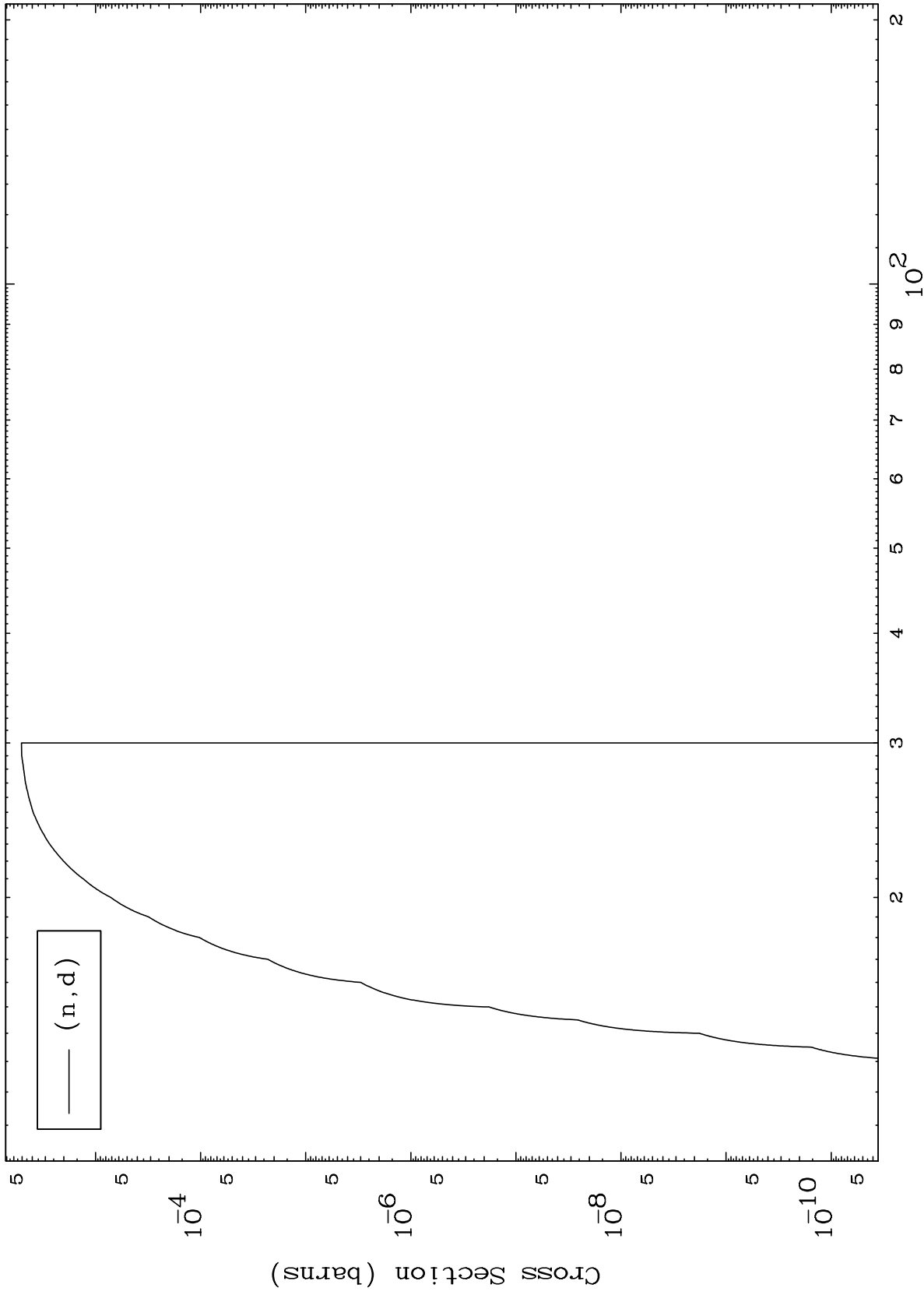
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54-Xe-142

MAT 5479

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-142



12

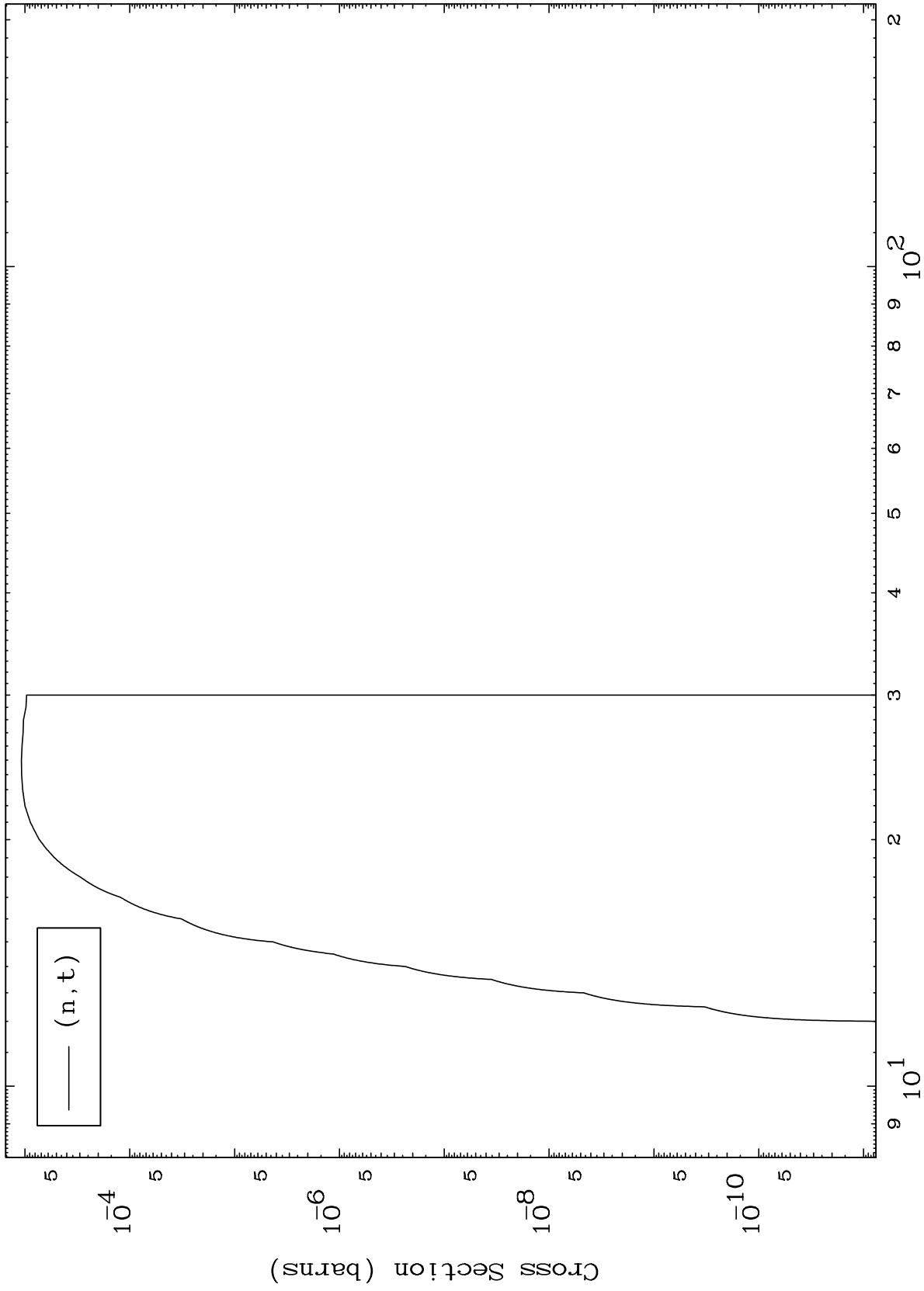
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-142



13

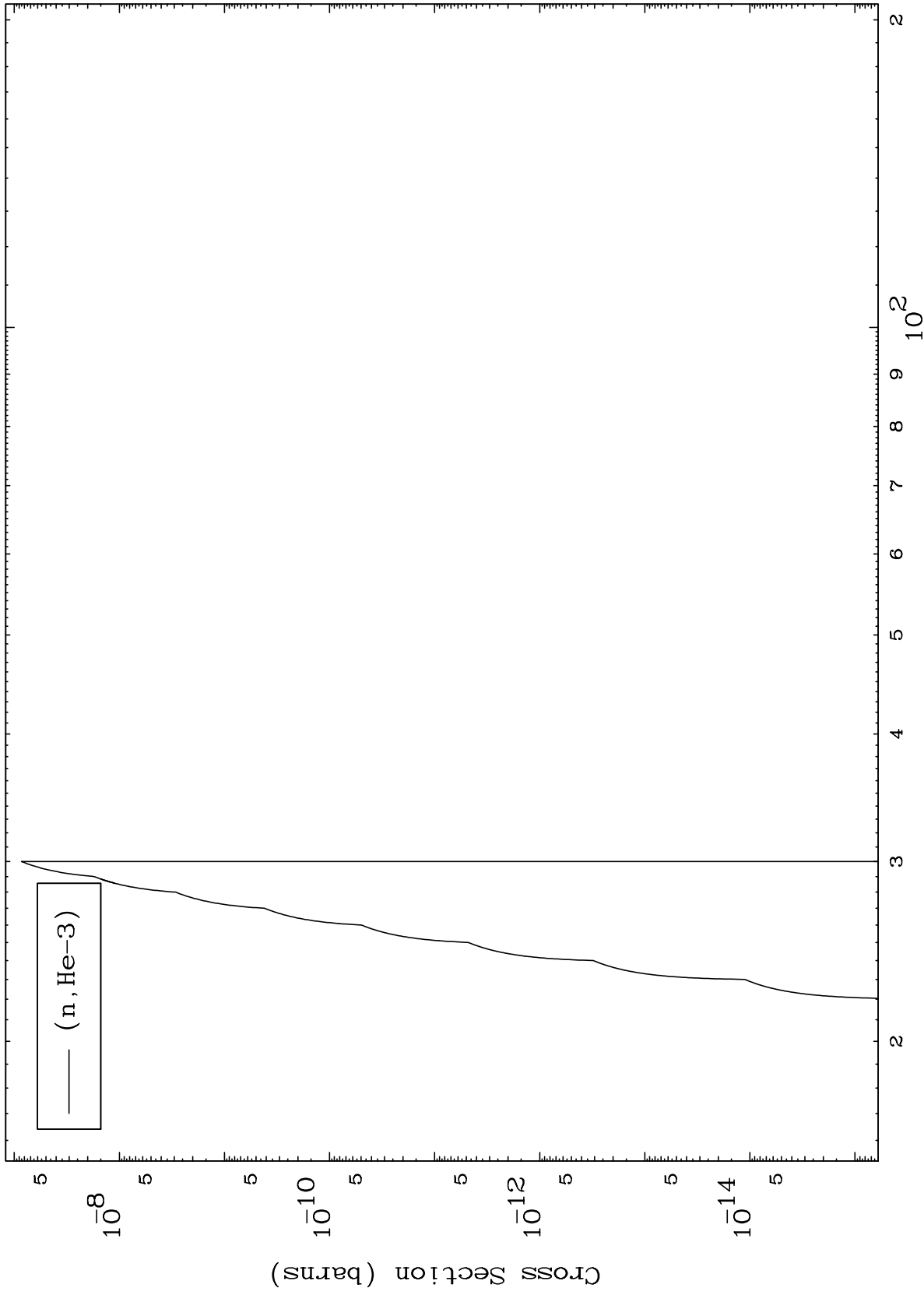
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-142



14

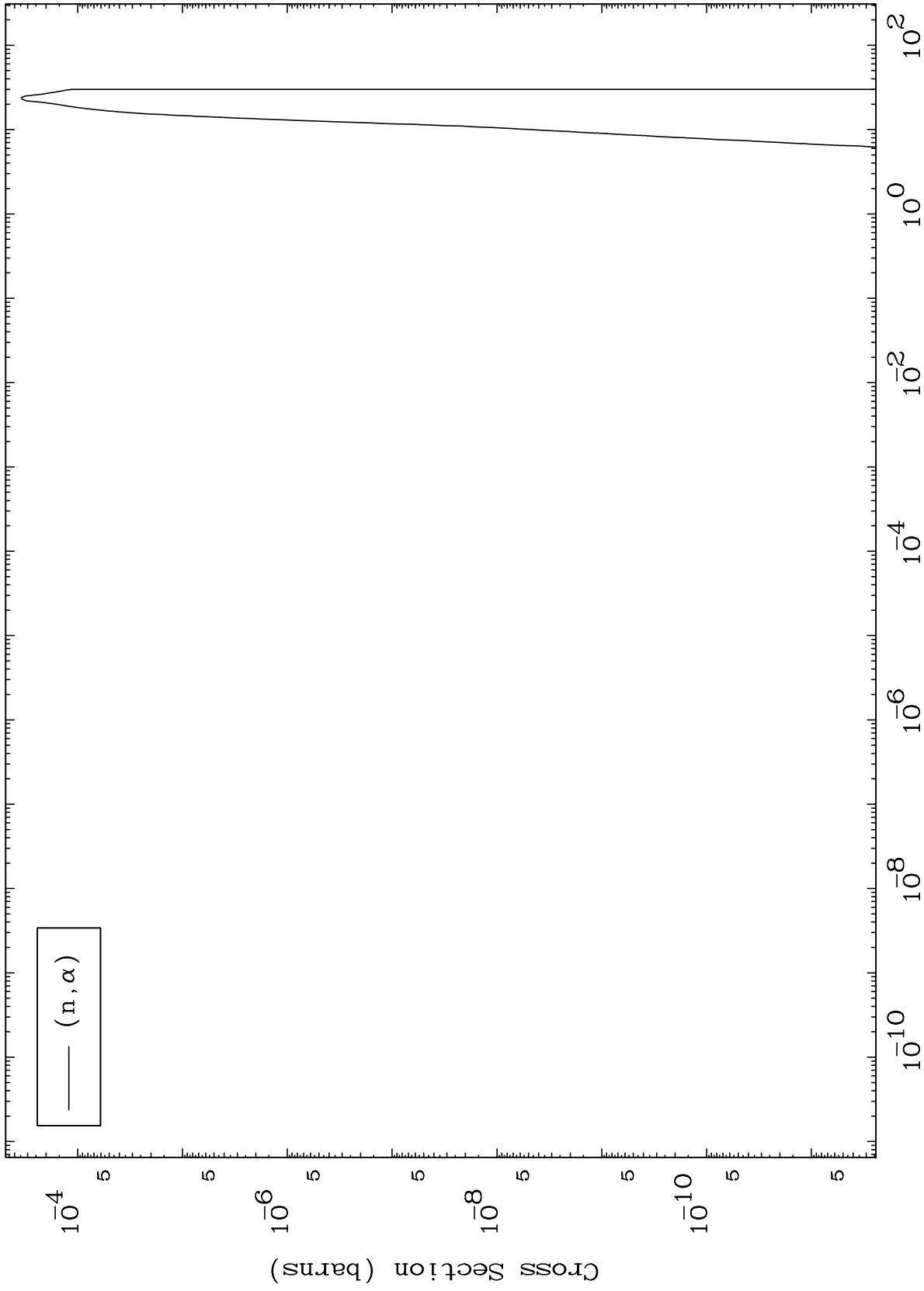
Incident Energy (MeV)

54-Xe-142

MAT 5479

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-142



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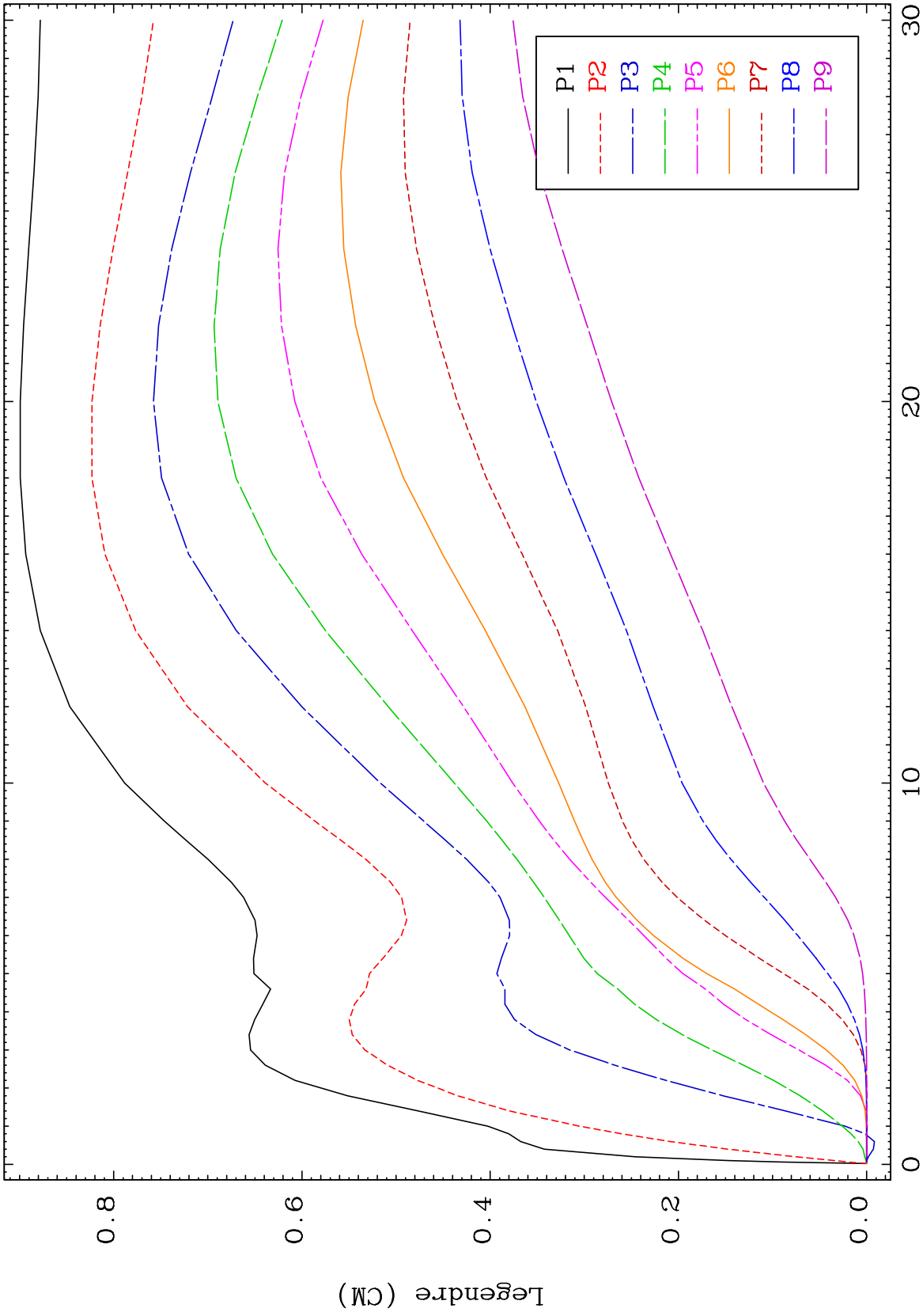
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



16

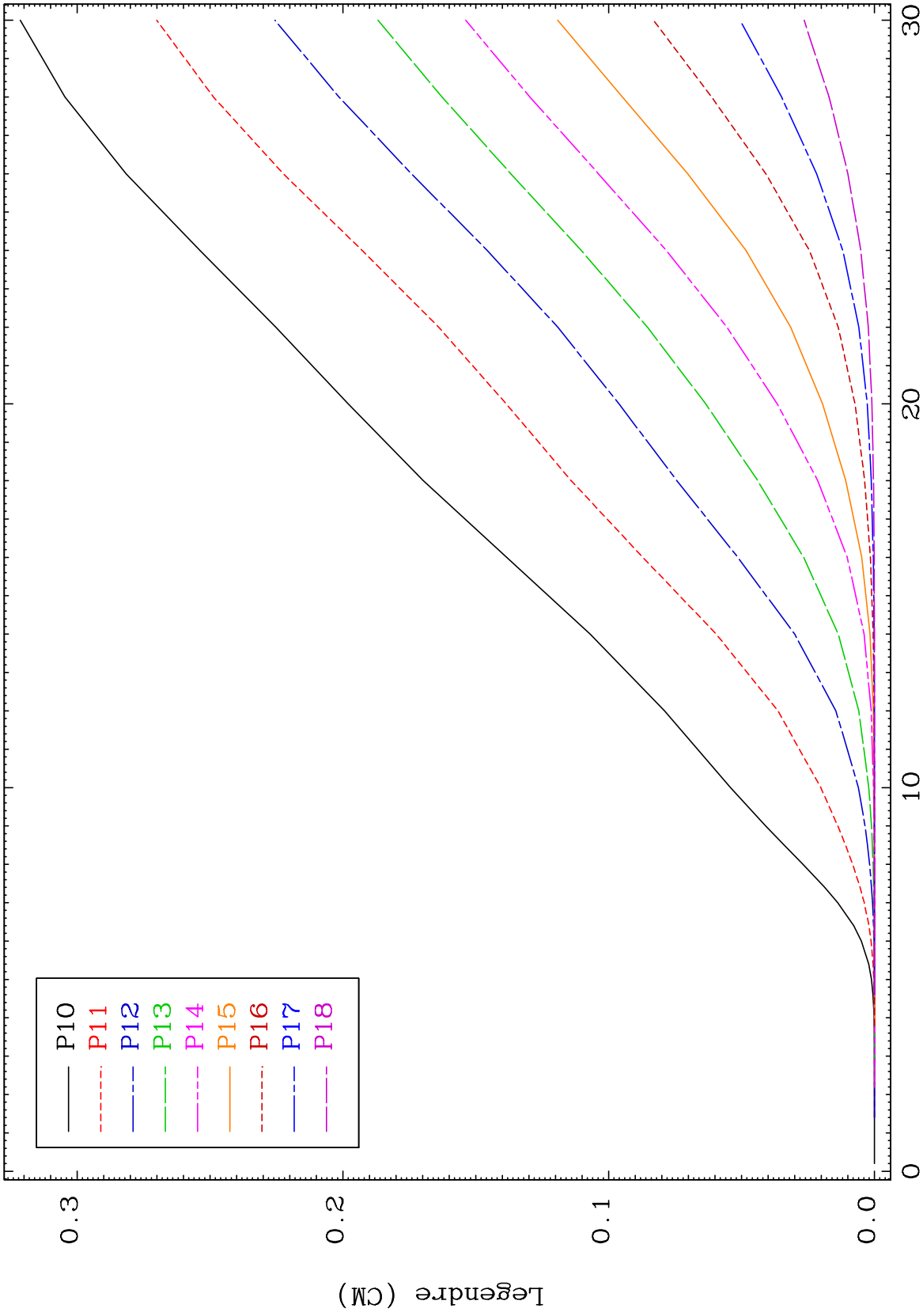
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54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



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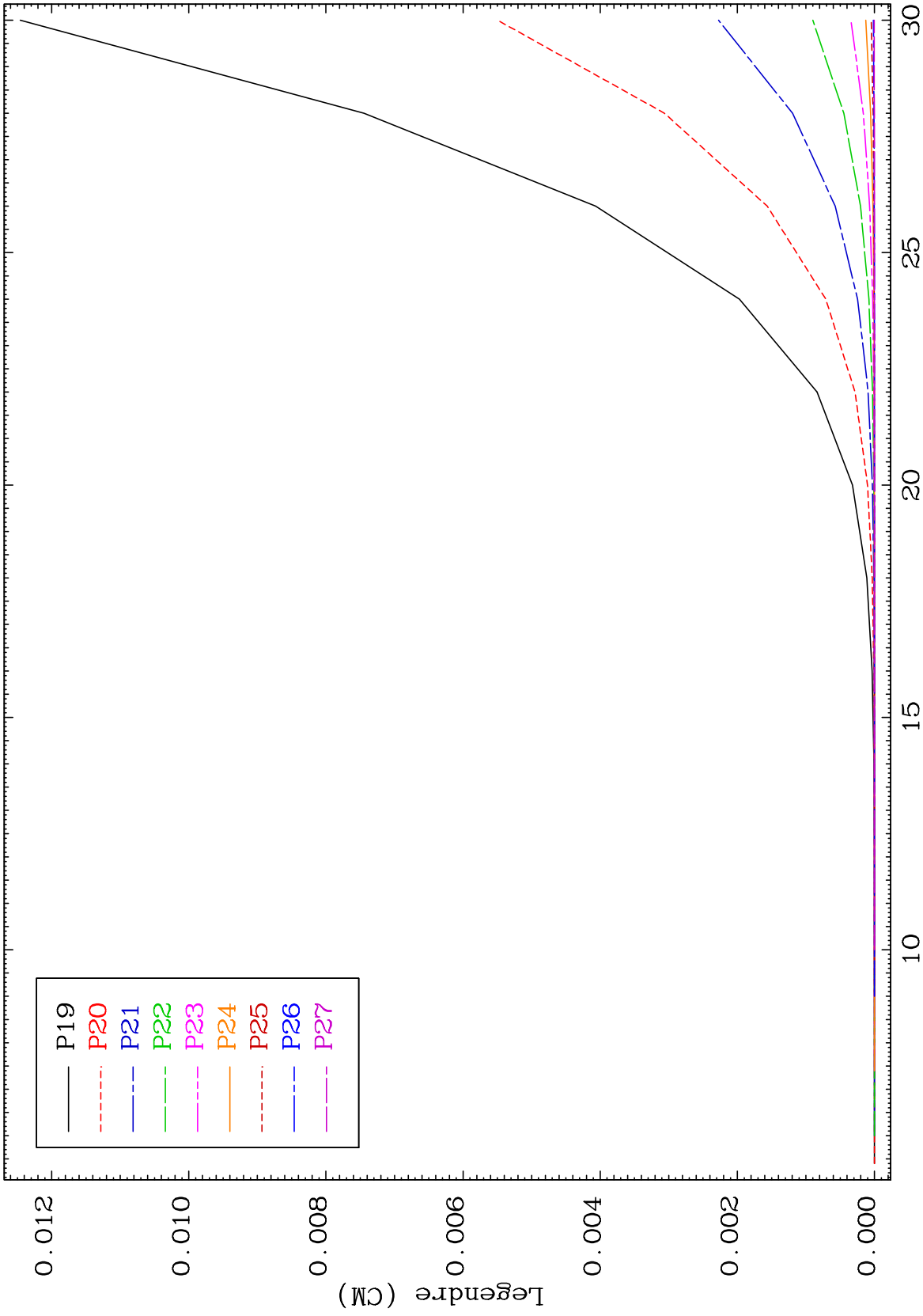
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



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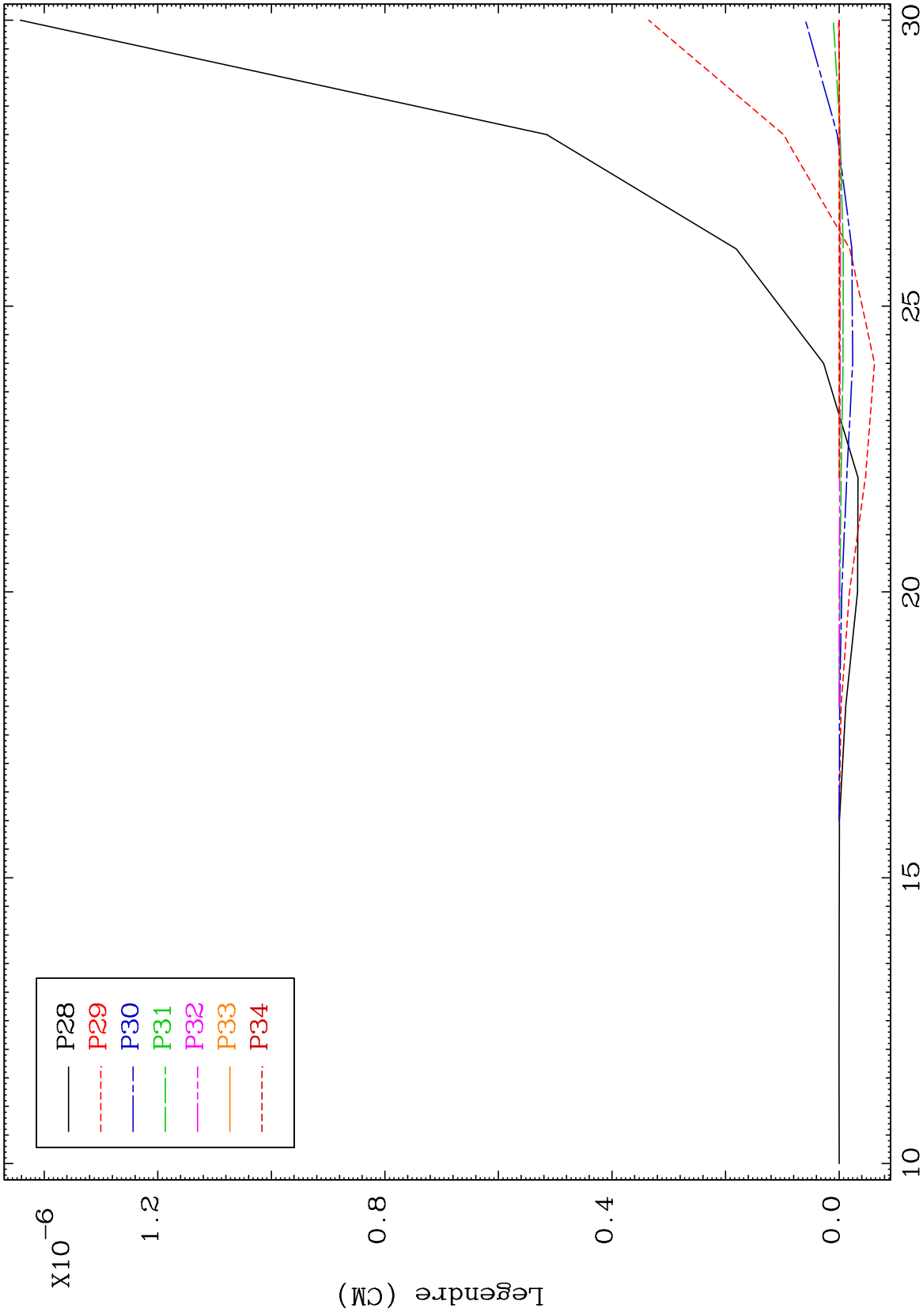
Incident Energy (MeV)

54-Xe-142

MAT 5479

Elastic Legendre Coefficients

54-Xe-142



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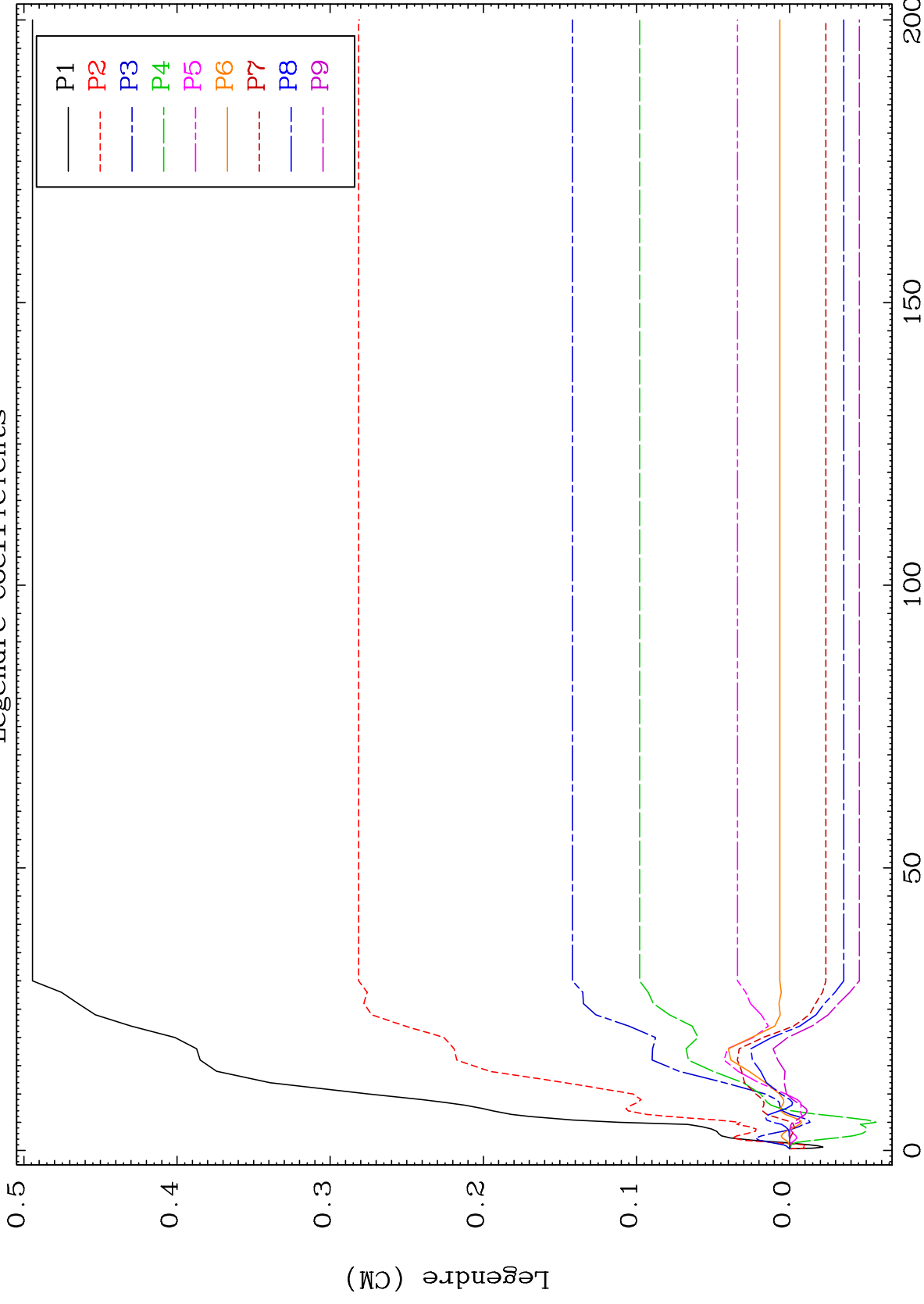
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

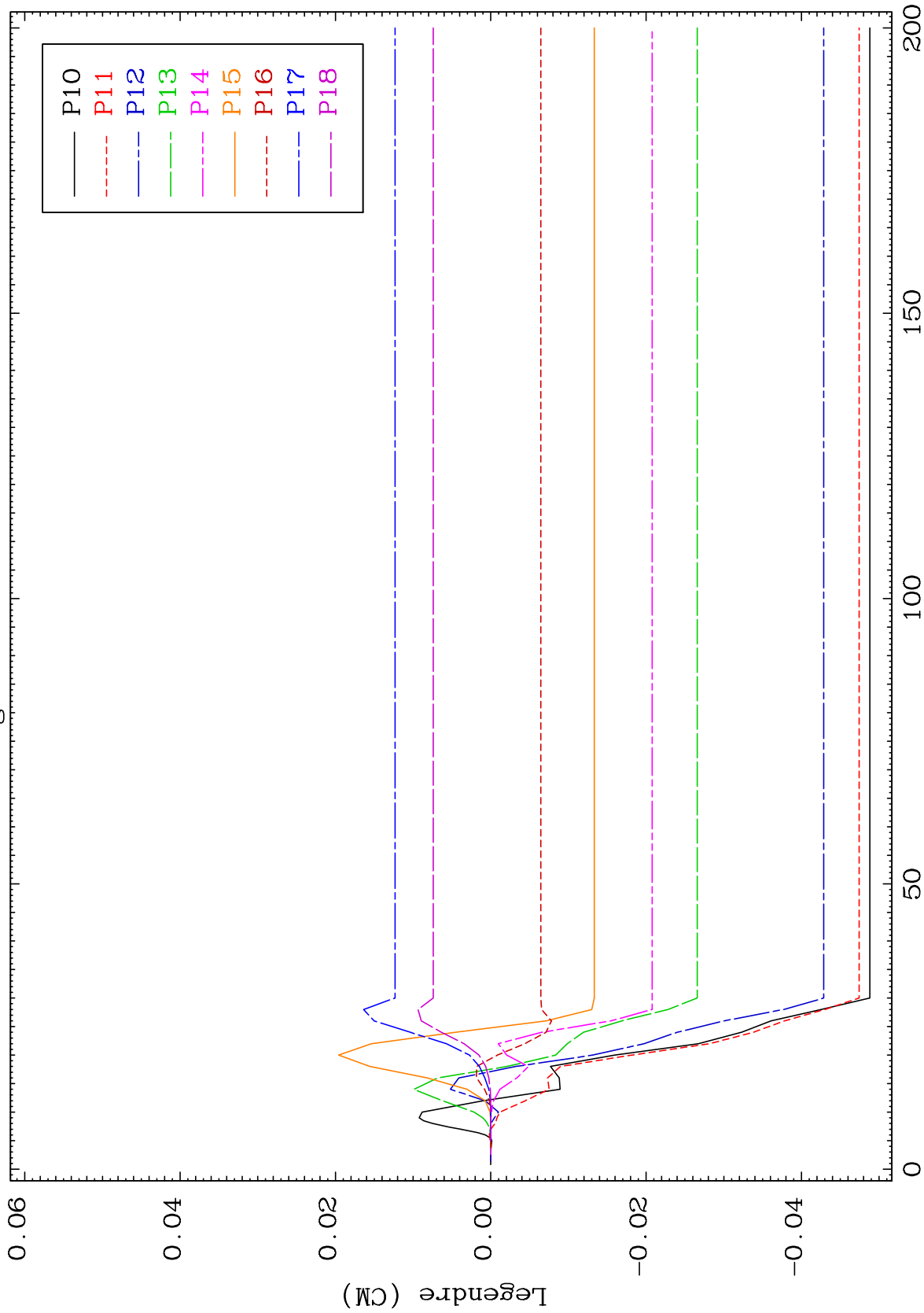
Incident Energy (MeV)

Legendre (CM)

MAT 5479

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

54-Xe-142



21

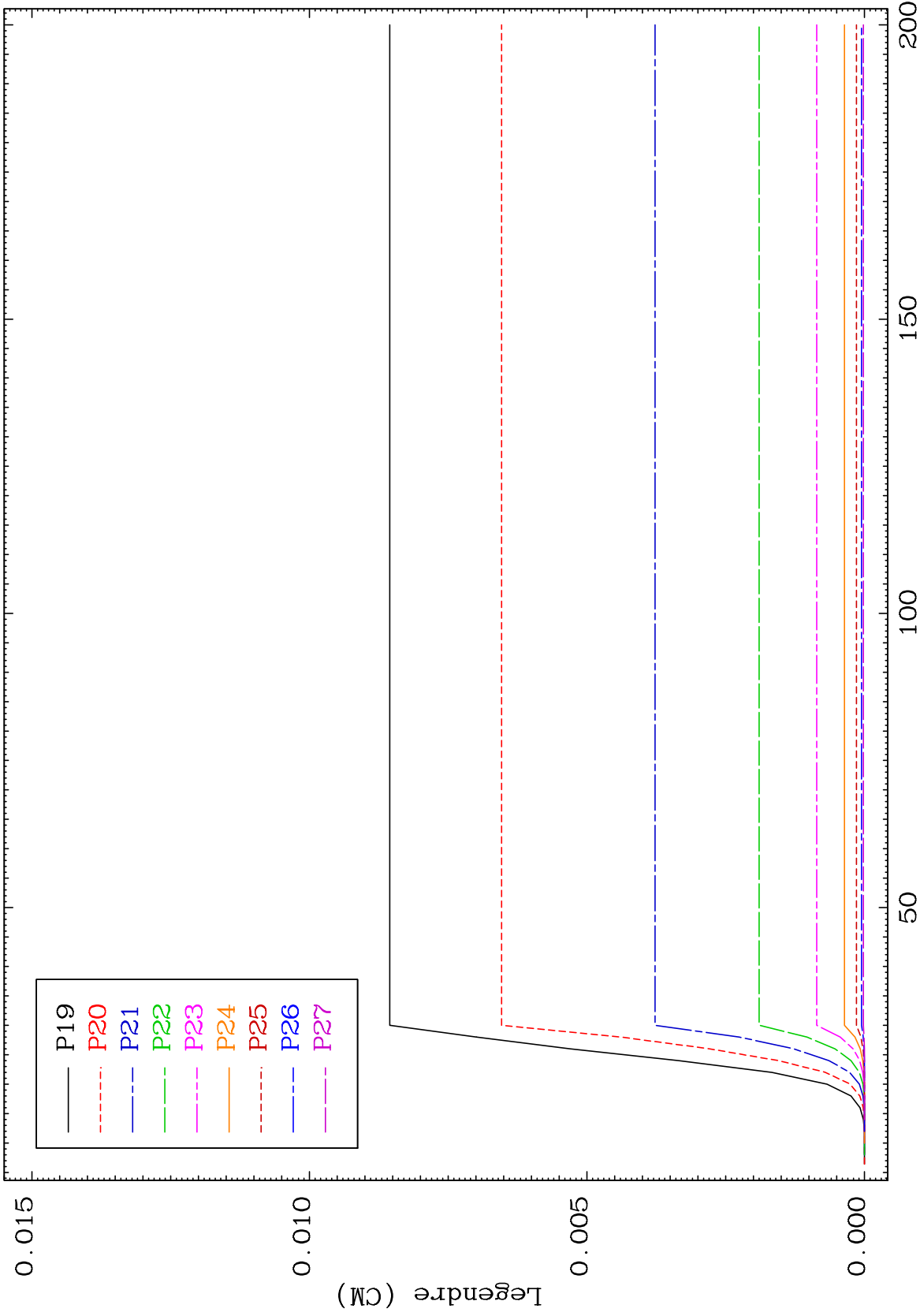
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



22

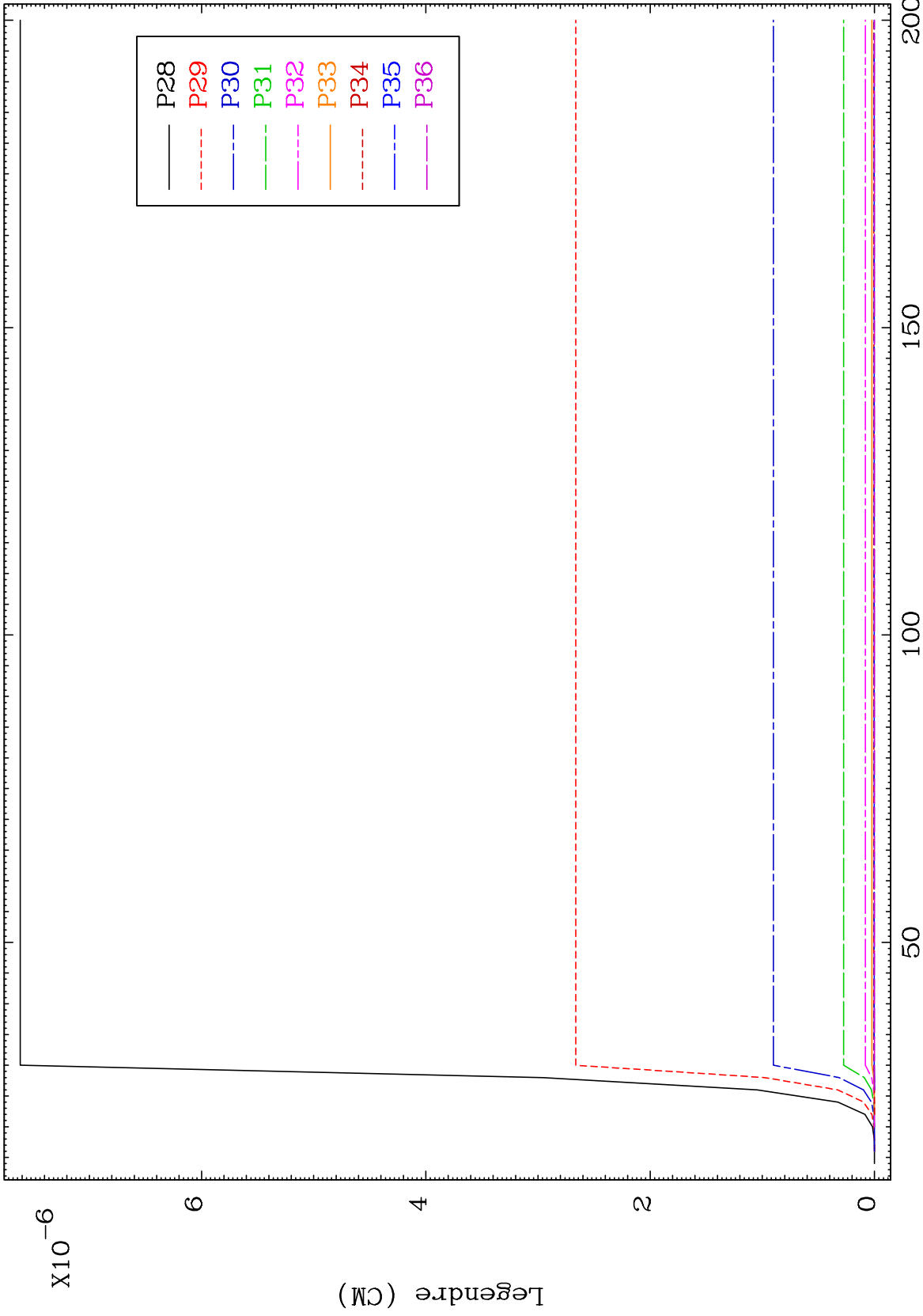
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



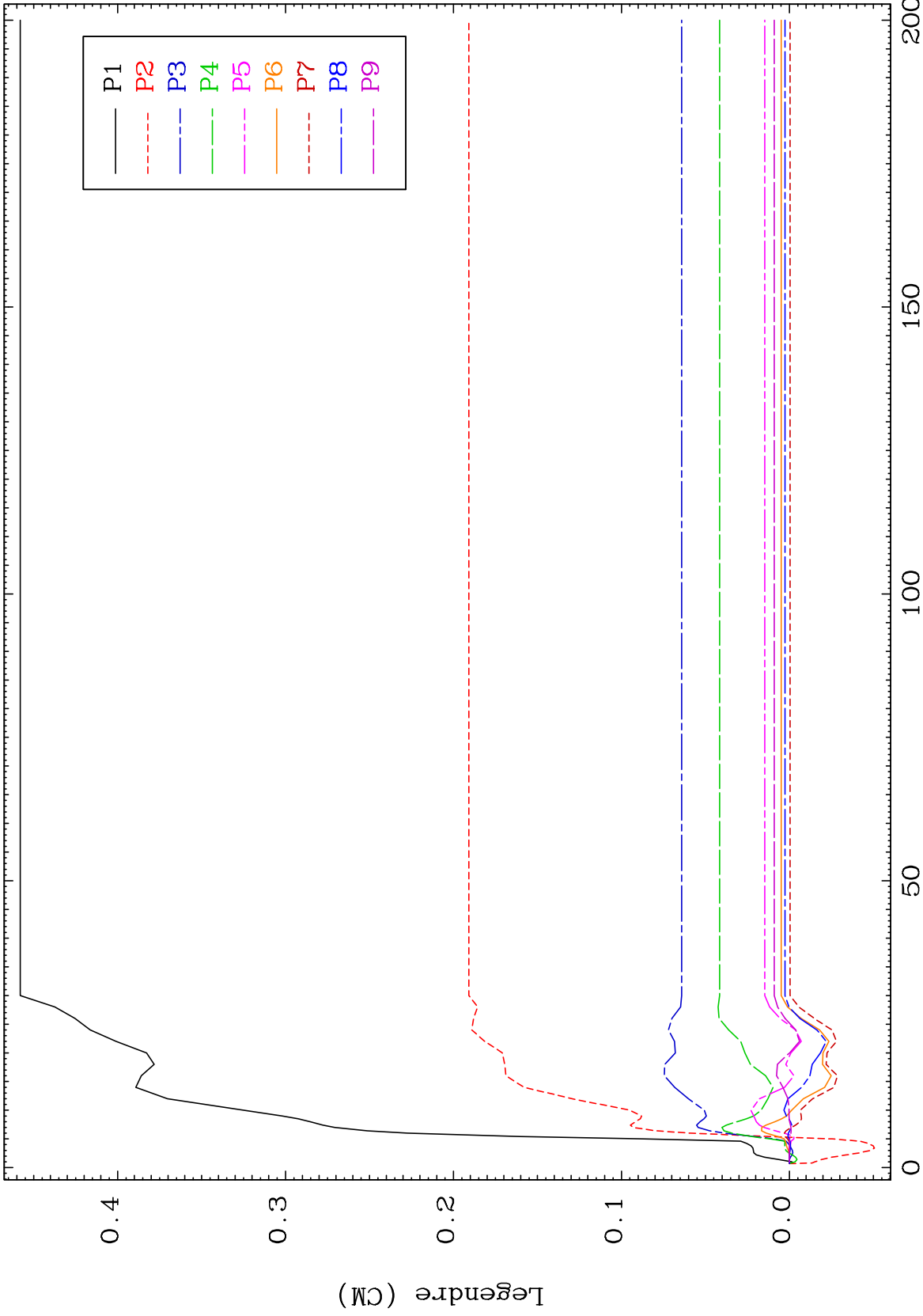
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54-Xe-142

MAT 5479

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

54-Xe-142



24

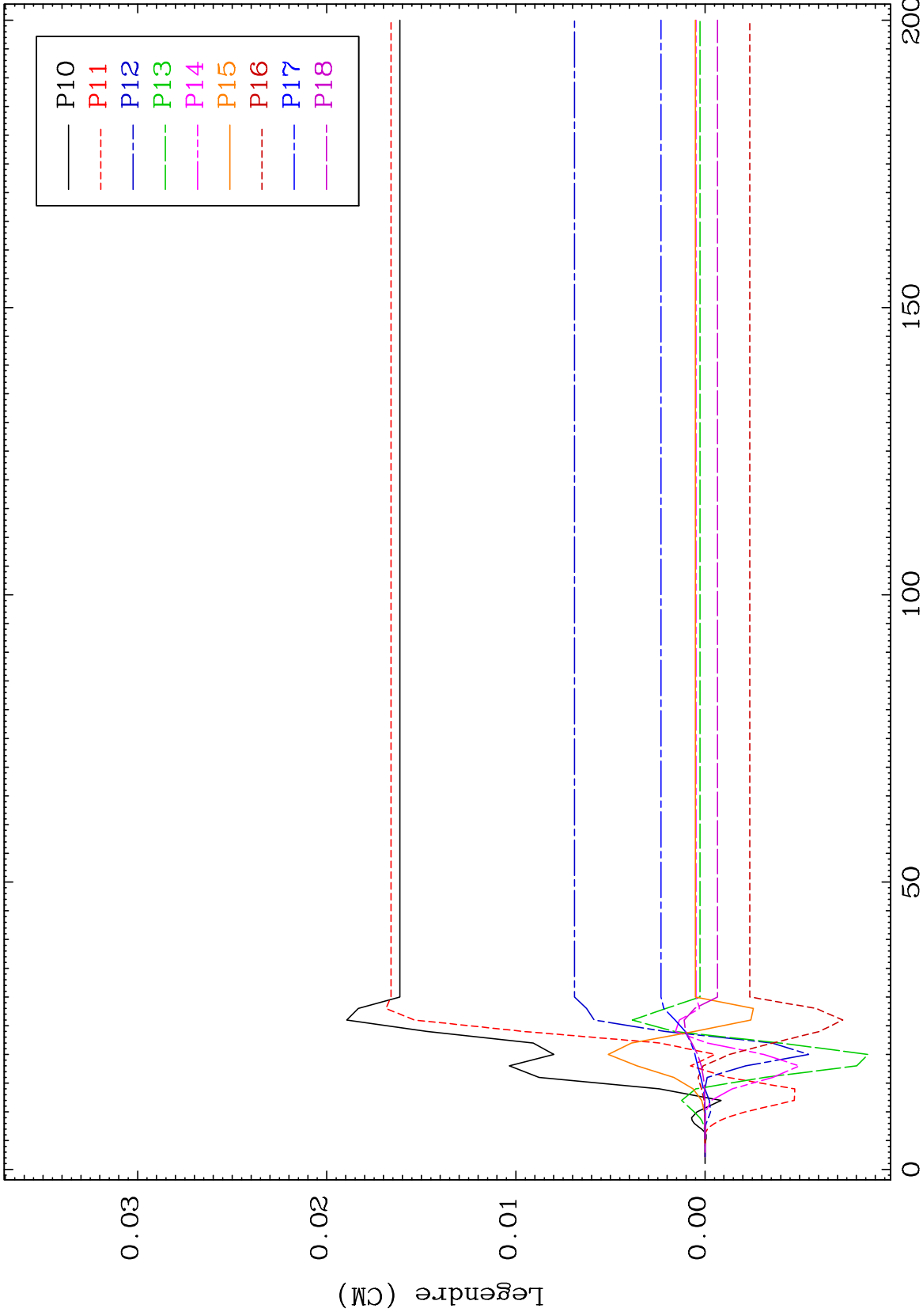
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



25

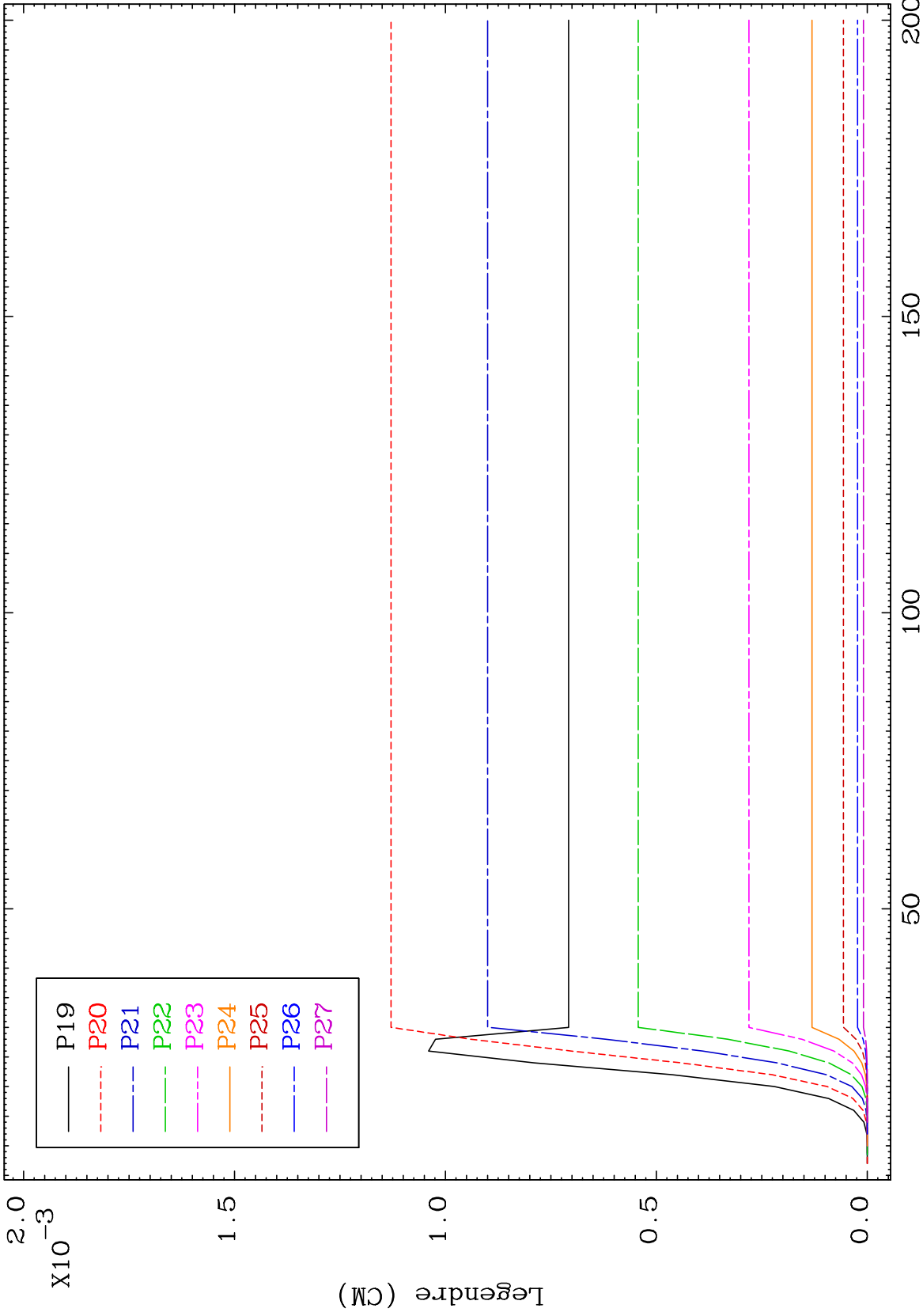
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



26

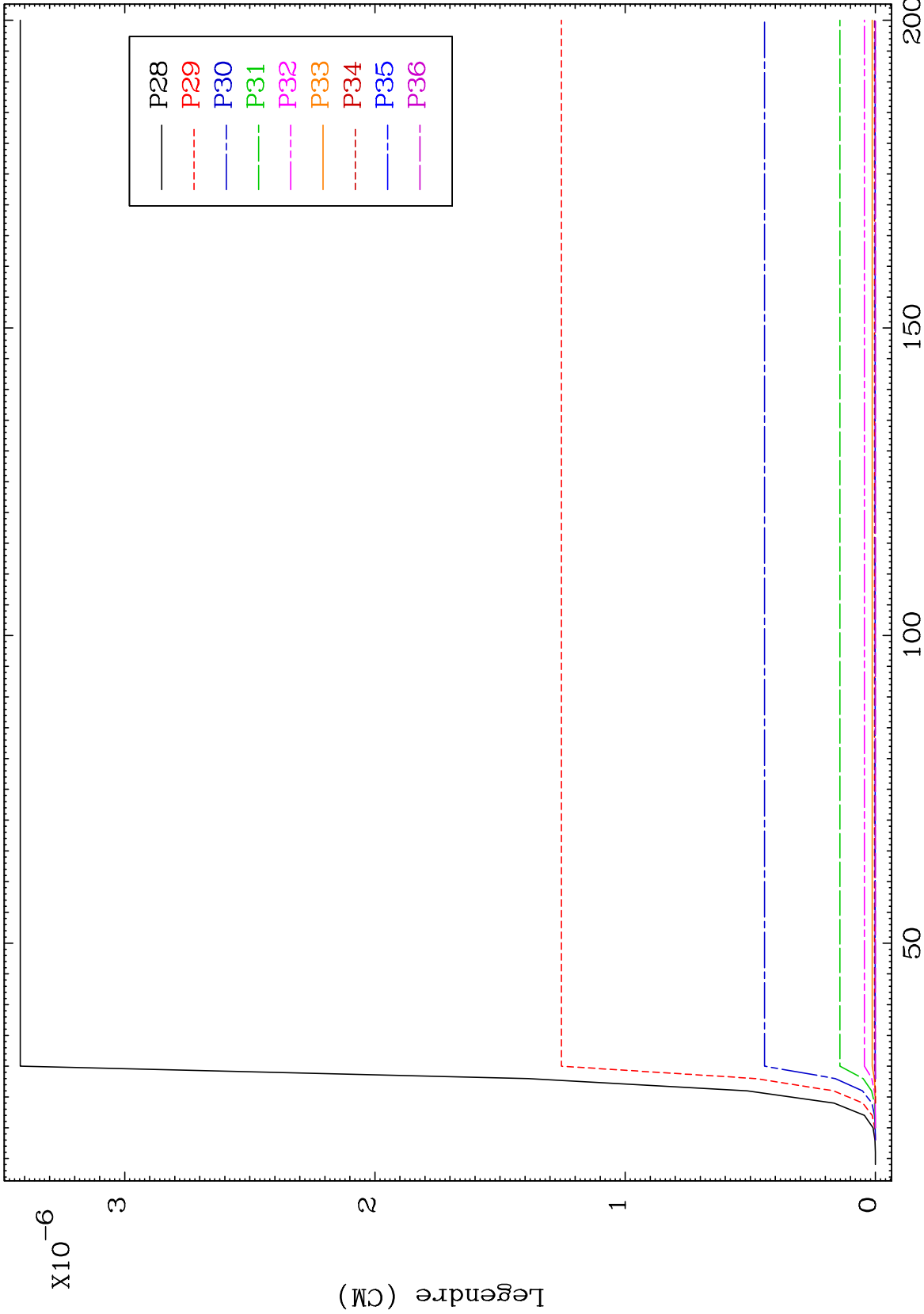
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



27

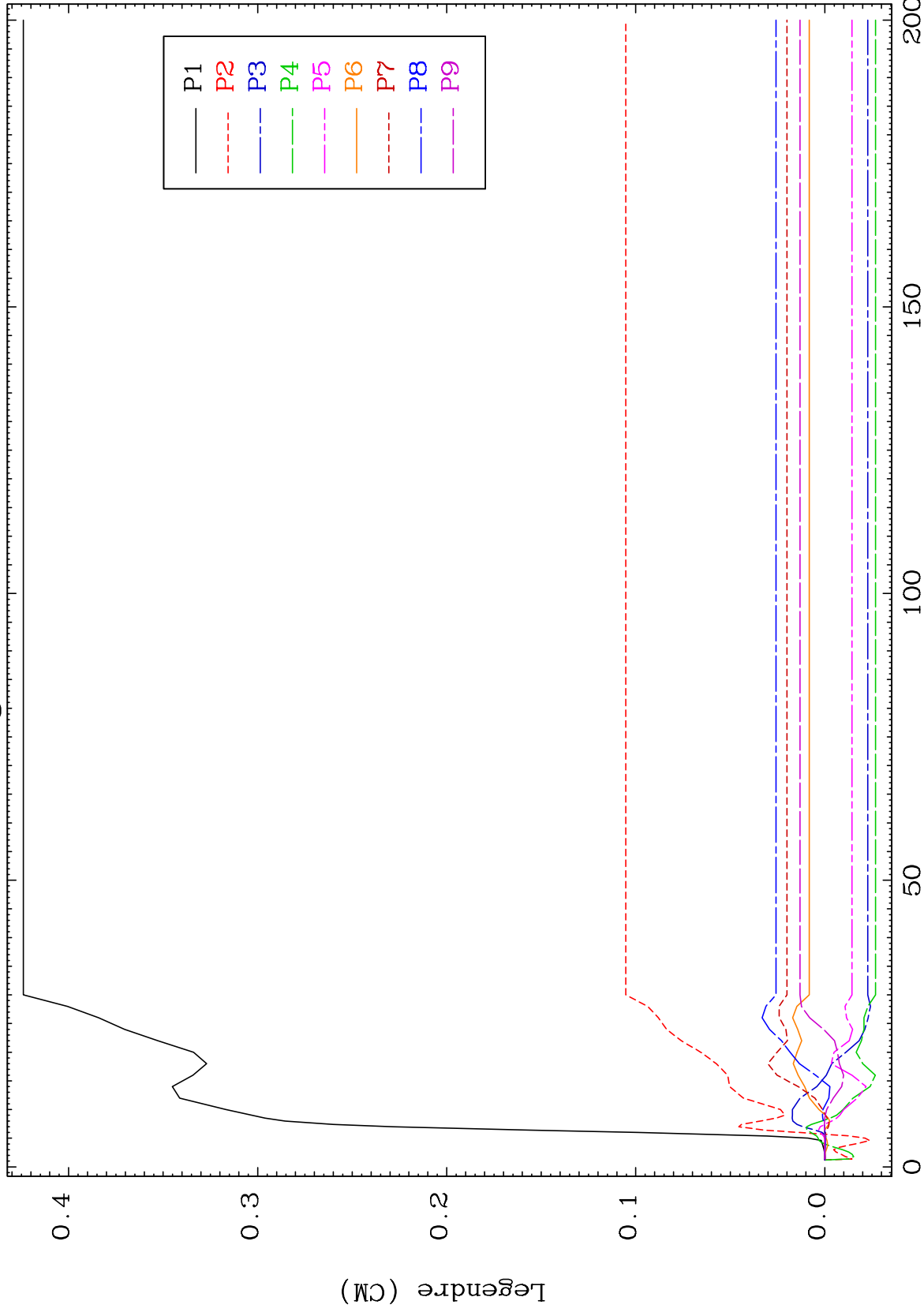
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



28

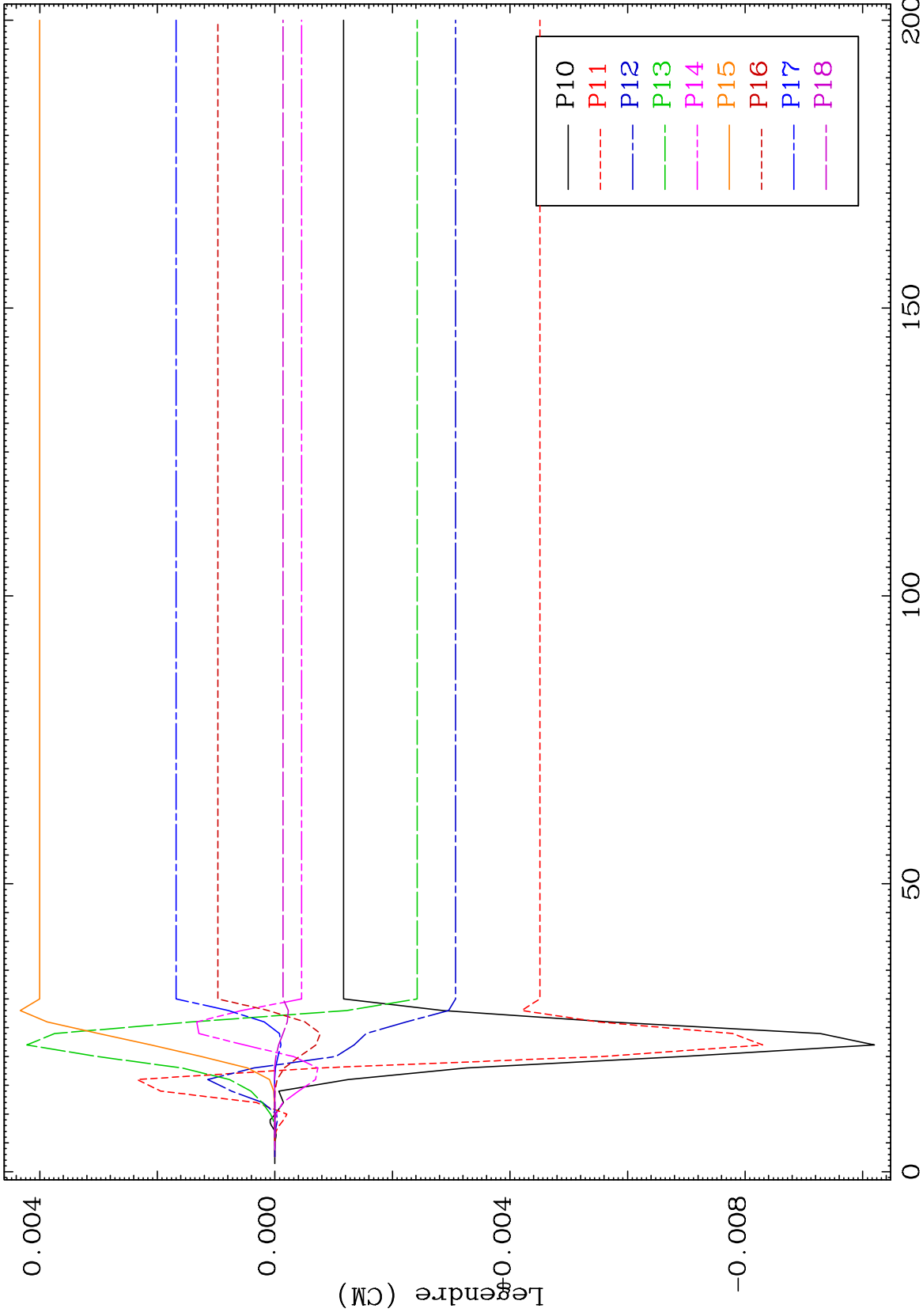
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54-Xe-142

MAT 5479

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

54-Xe-142



29

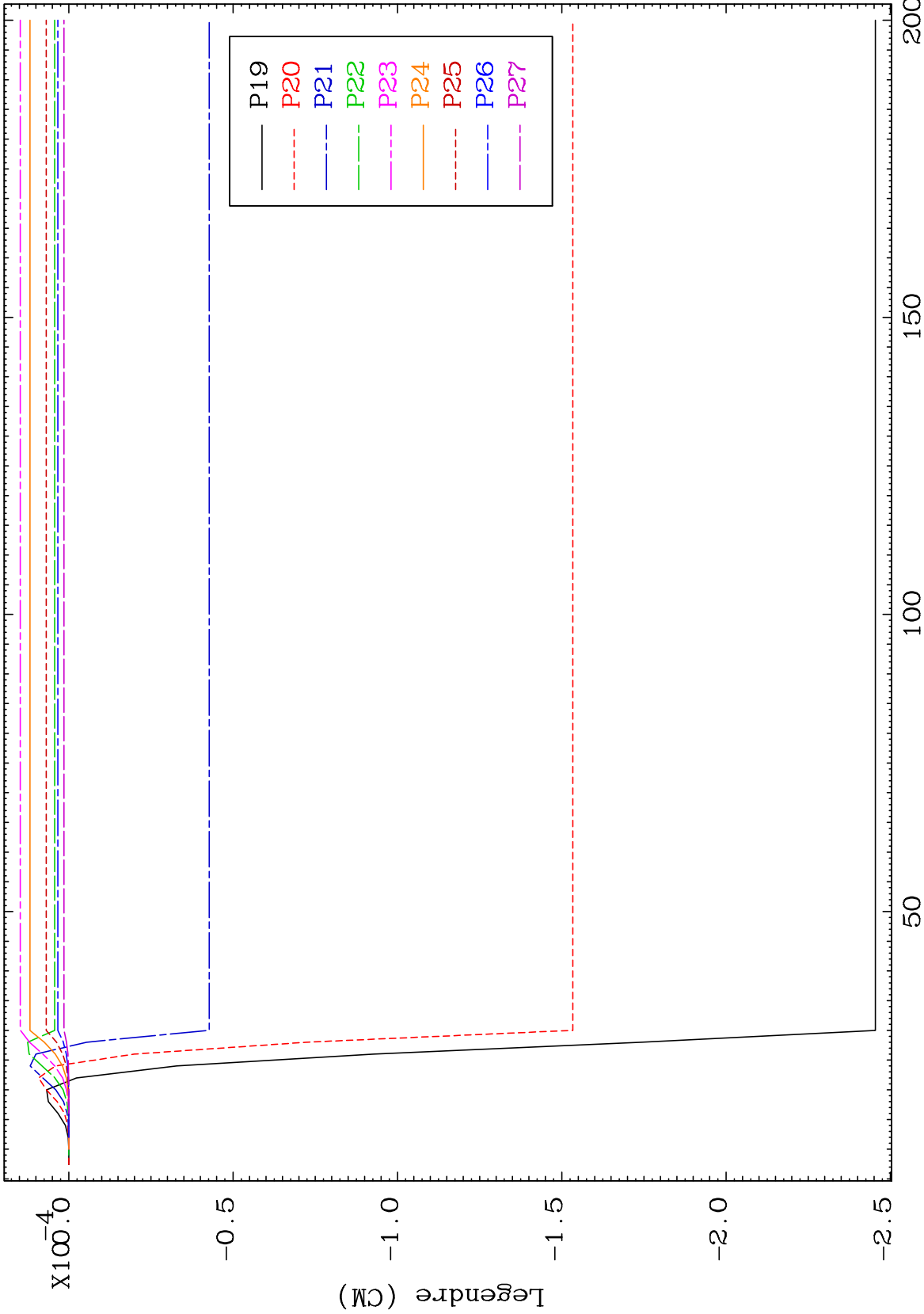
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



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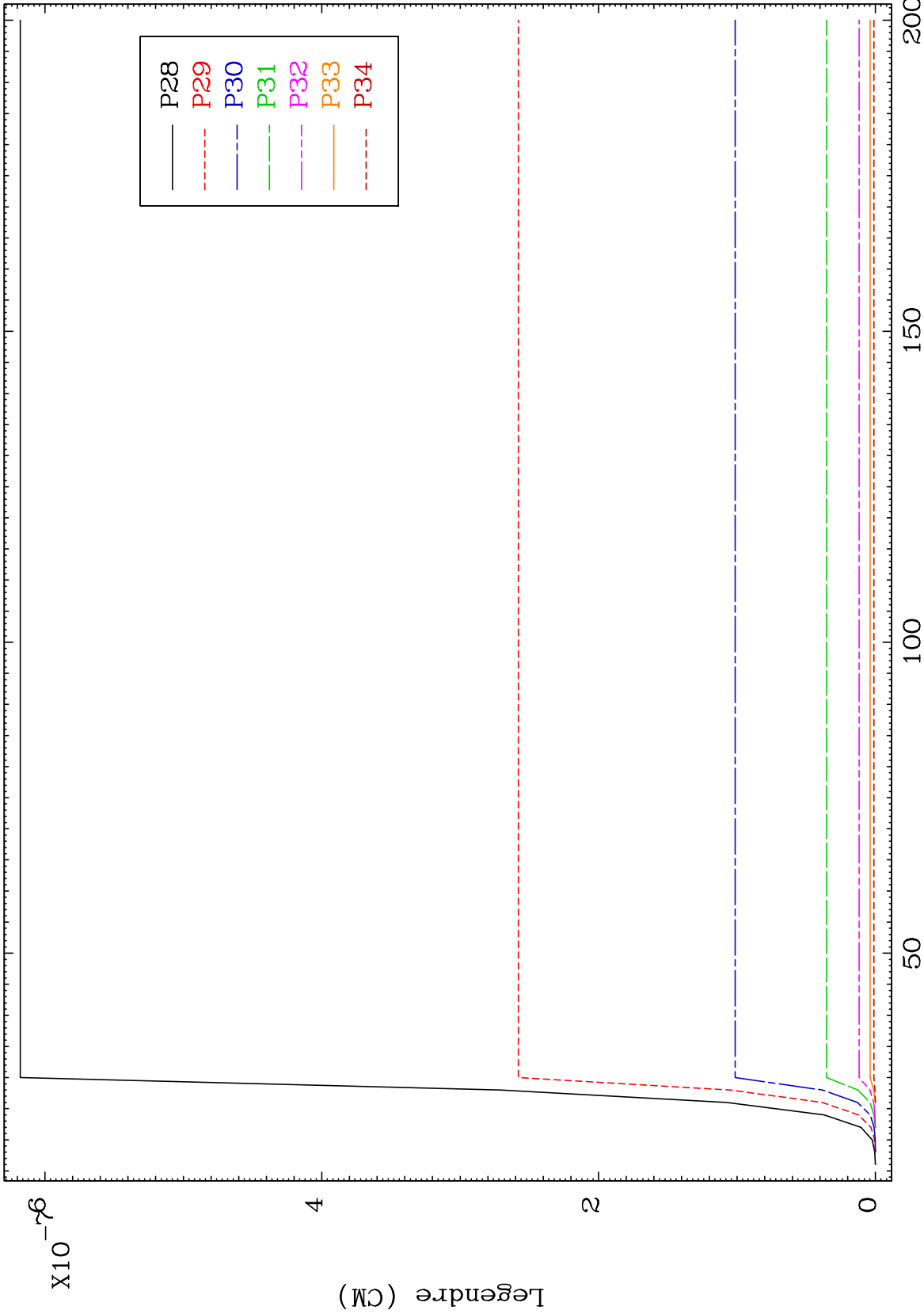
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54-Xe-142

MAT 5479

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

54-Xe-142



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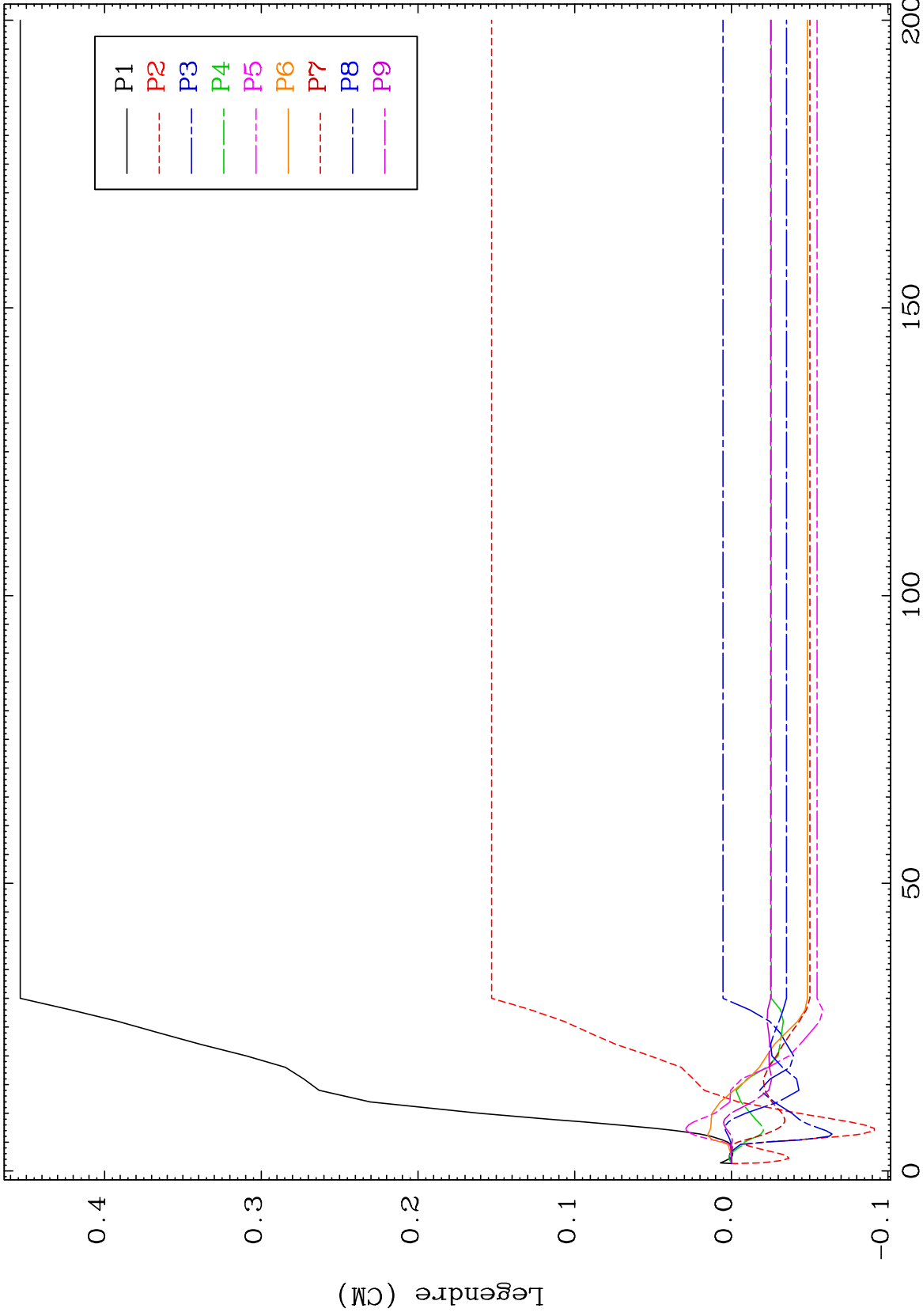
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54-Xe-142

MAT 5479

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

54-Xe-142



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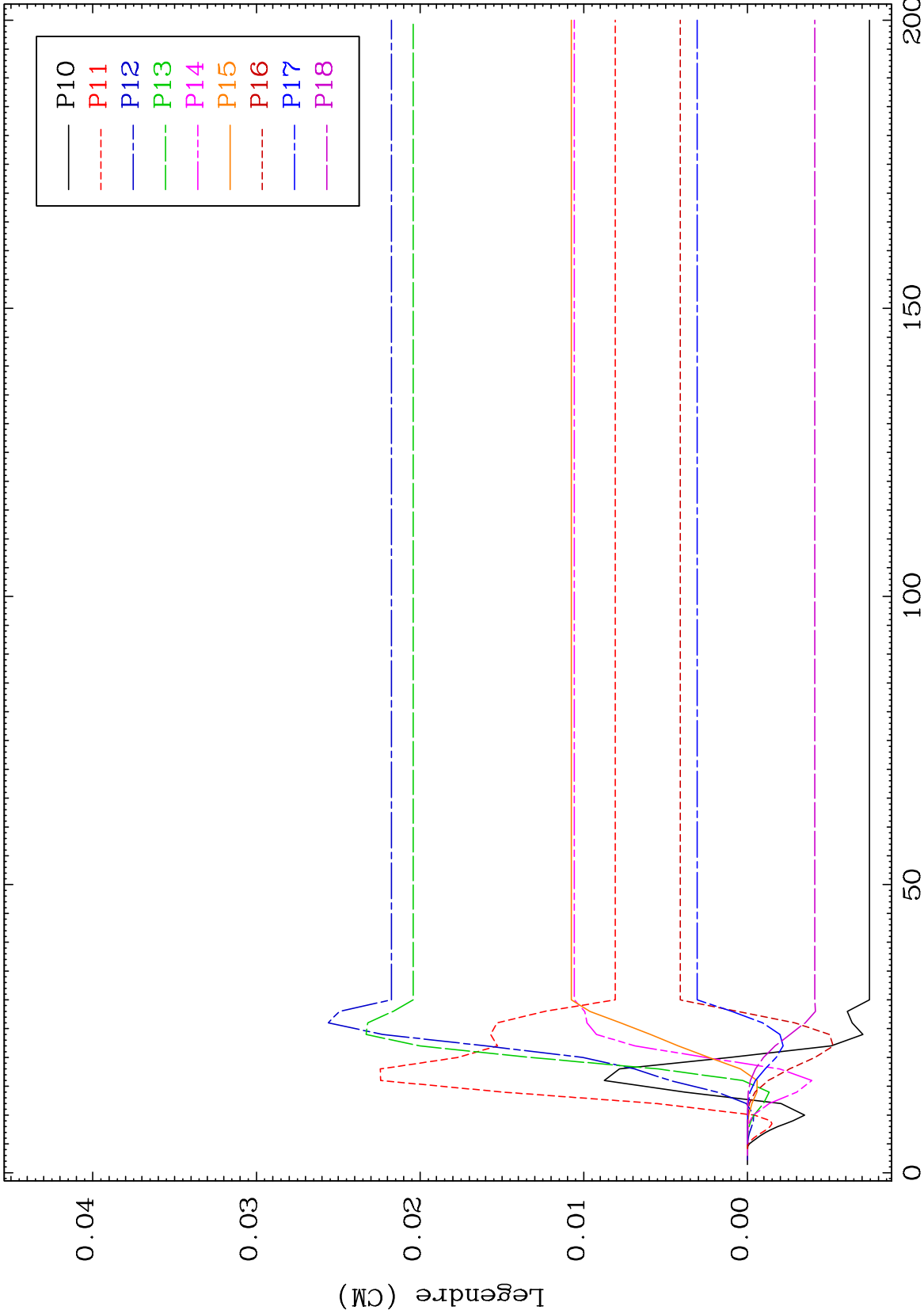
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MAT 5479

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

54-Xe-142



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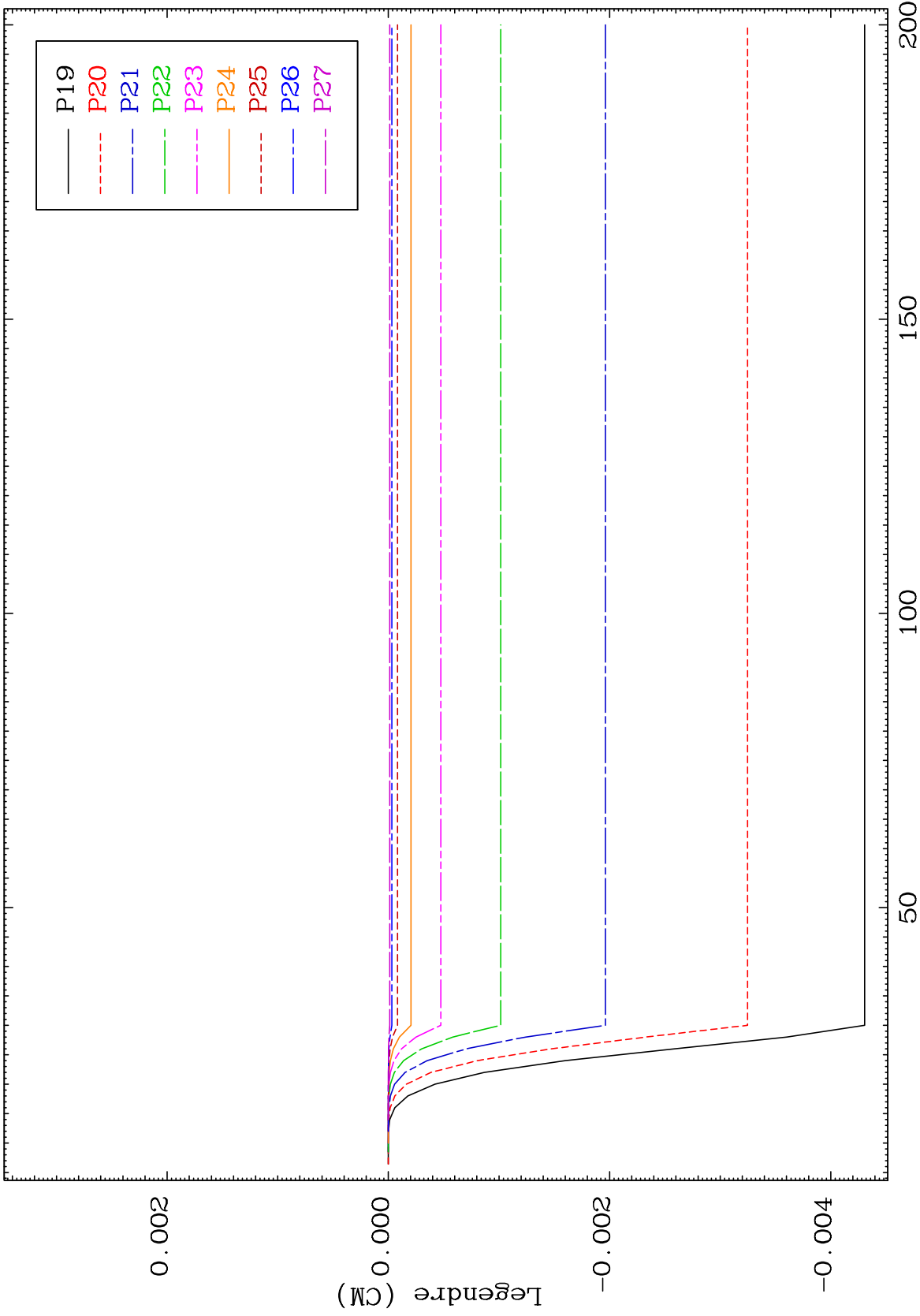
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54-Xe-142

MAT 5479

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

54-Xe-142



34

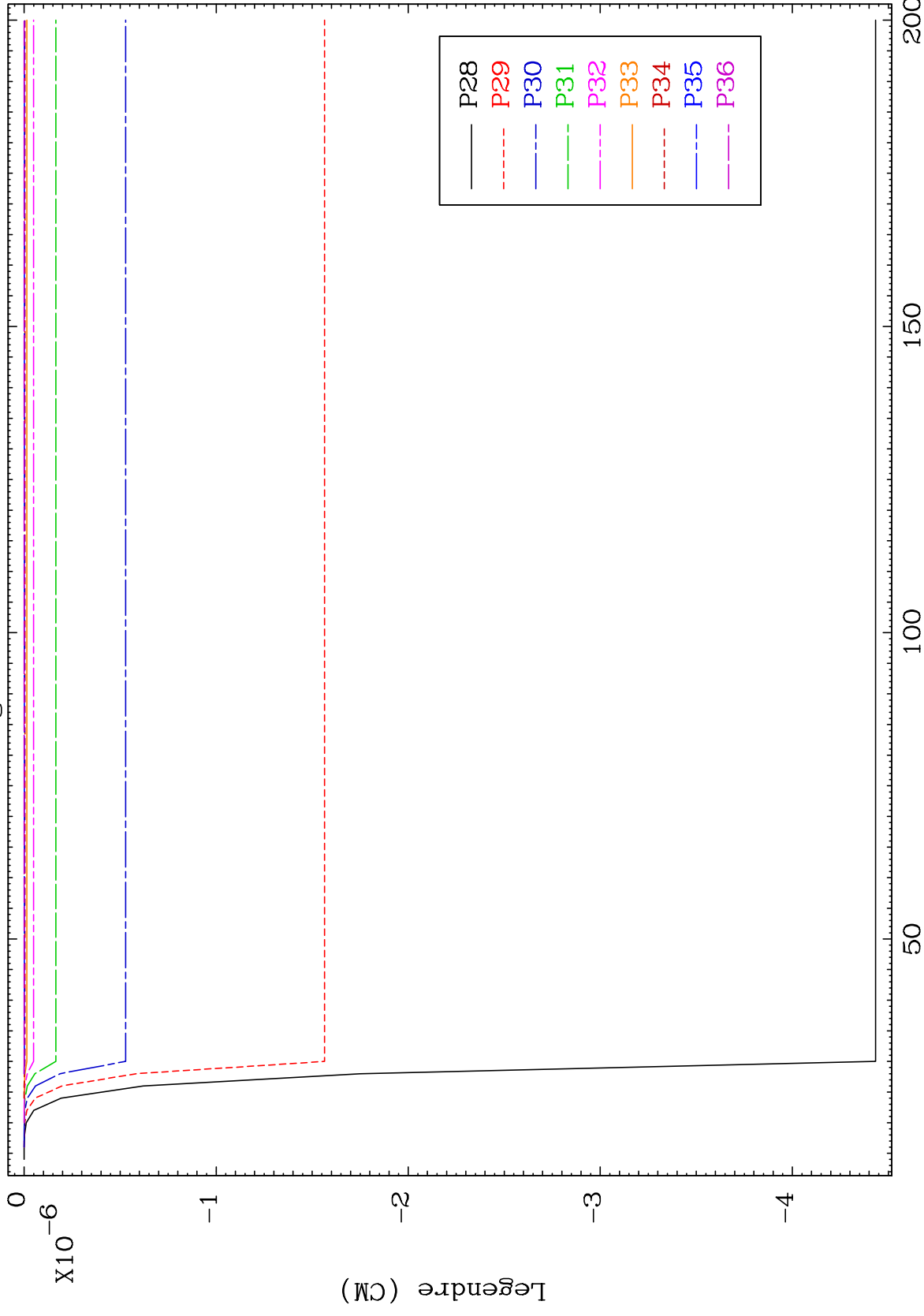
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

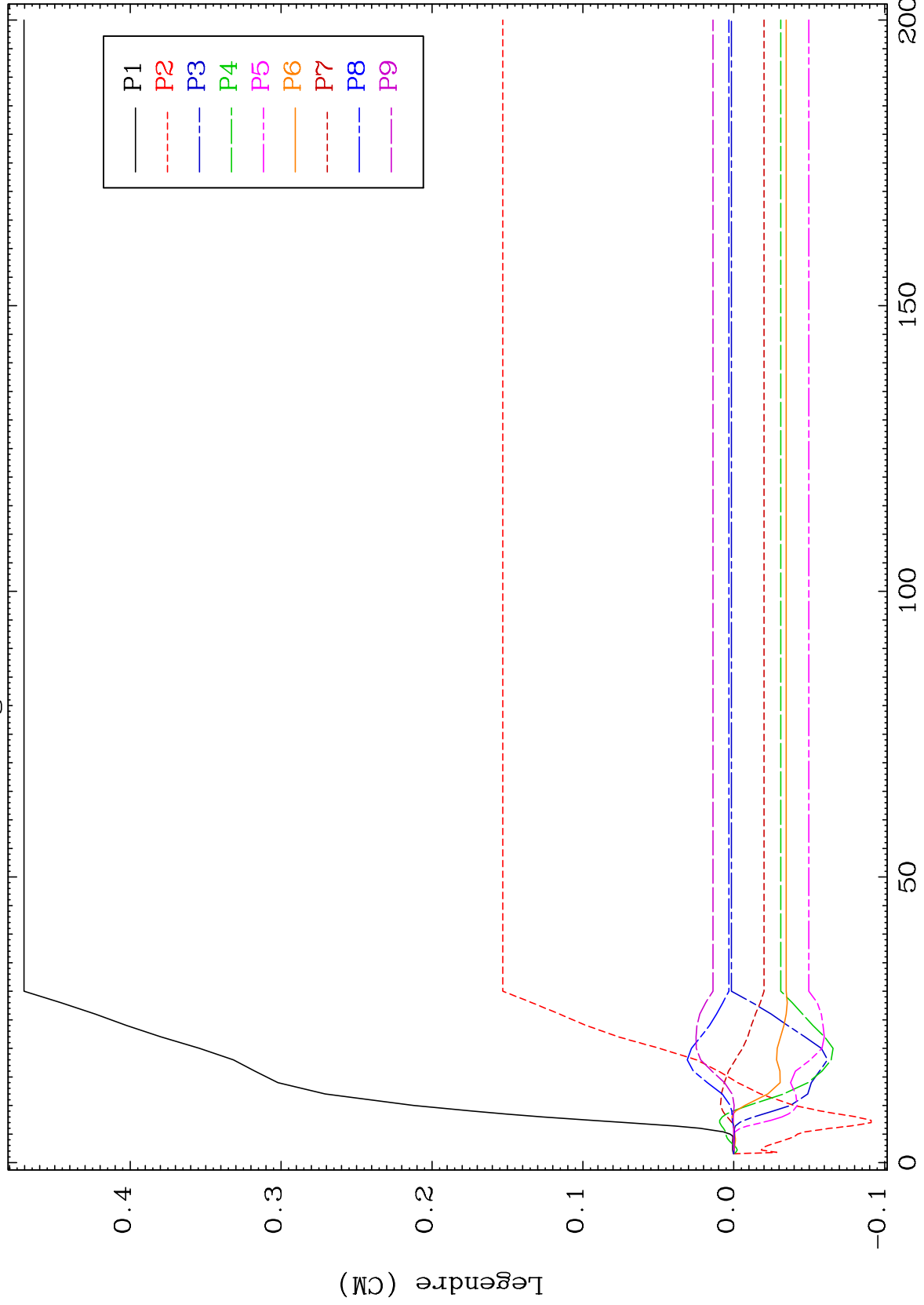
Incident Energy (MeV)

35

MAT 5479

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

54-Xe-142



36

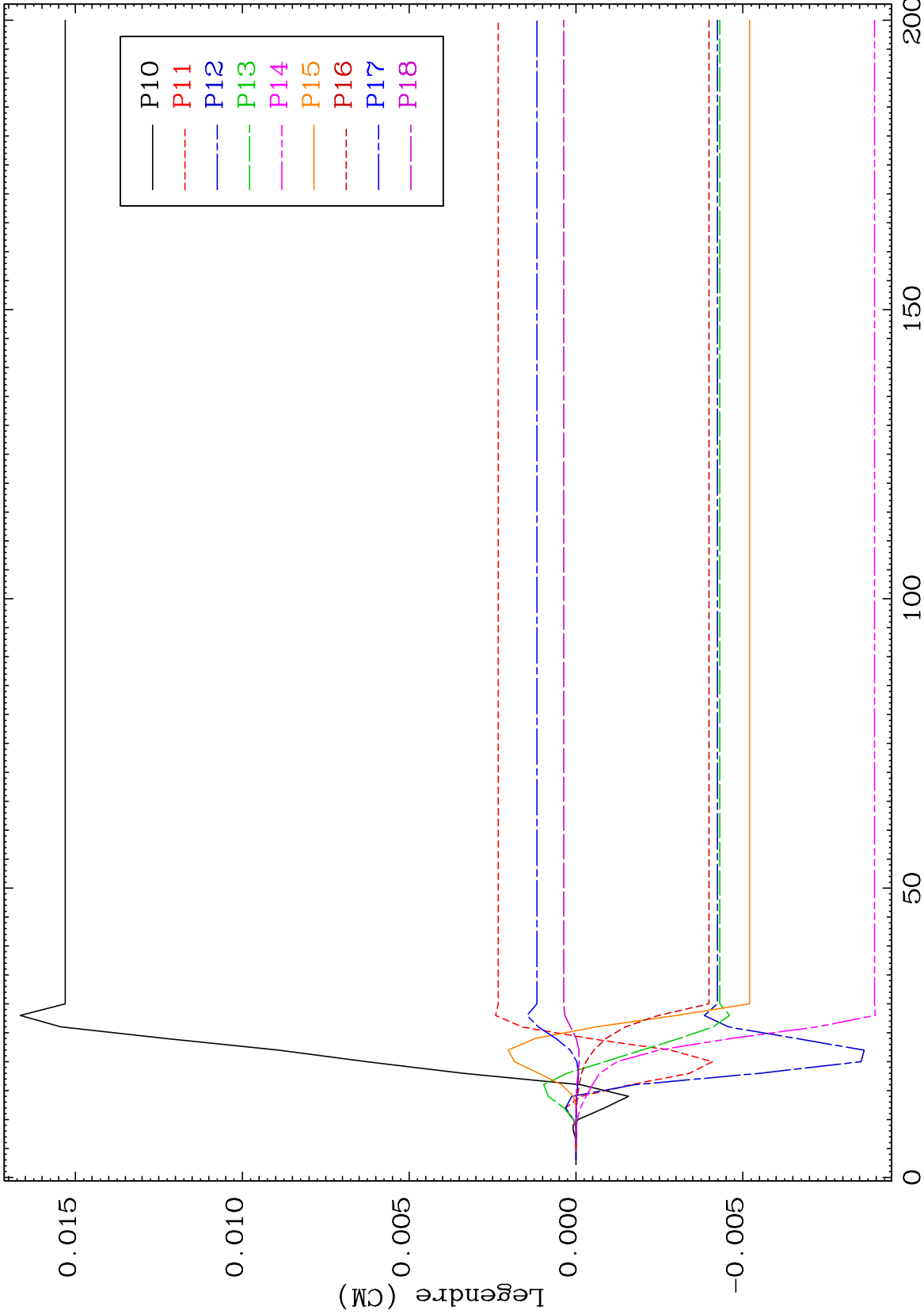
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54-Xe-142

MAT 5479

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

54-Xe-142



37

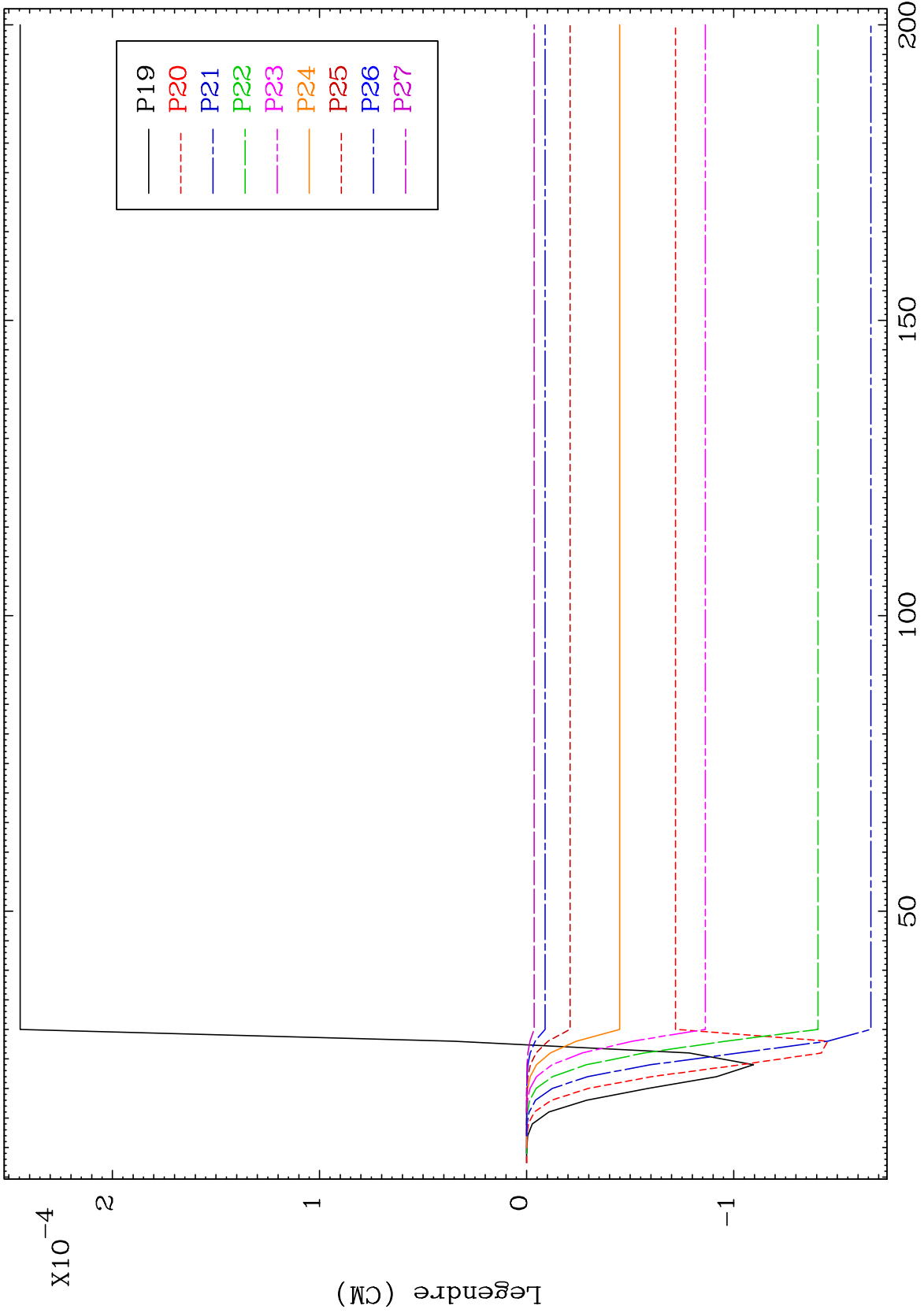
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54-Xe-142

MAT 5479

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

54-Xe-142



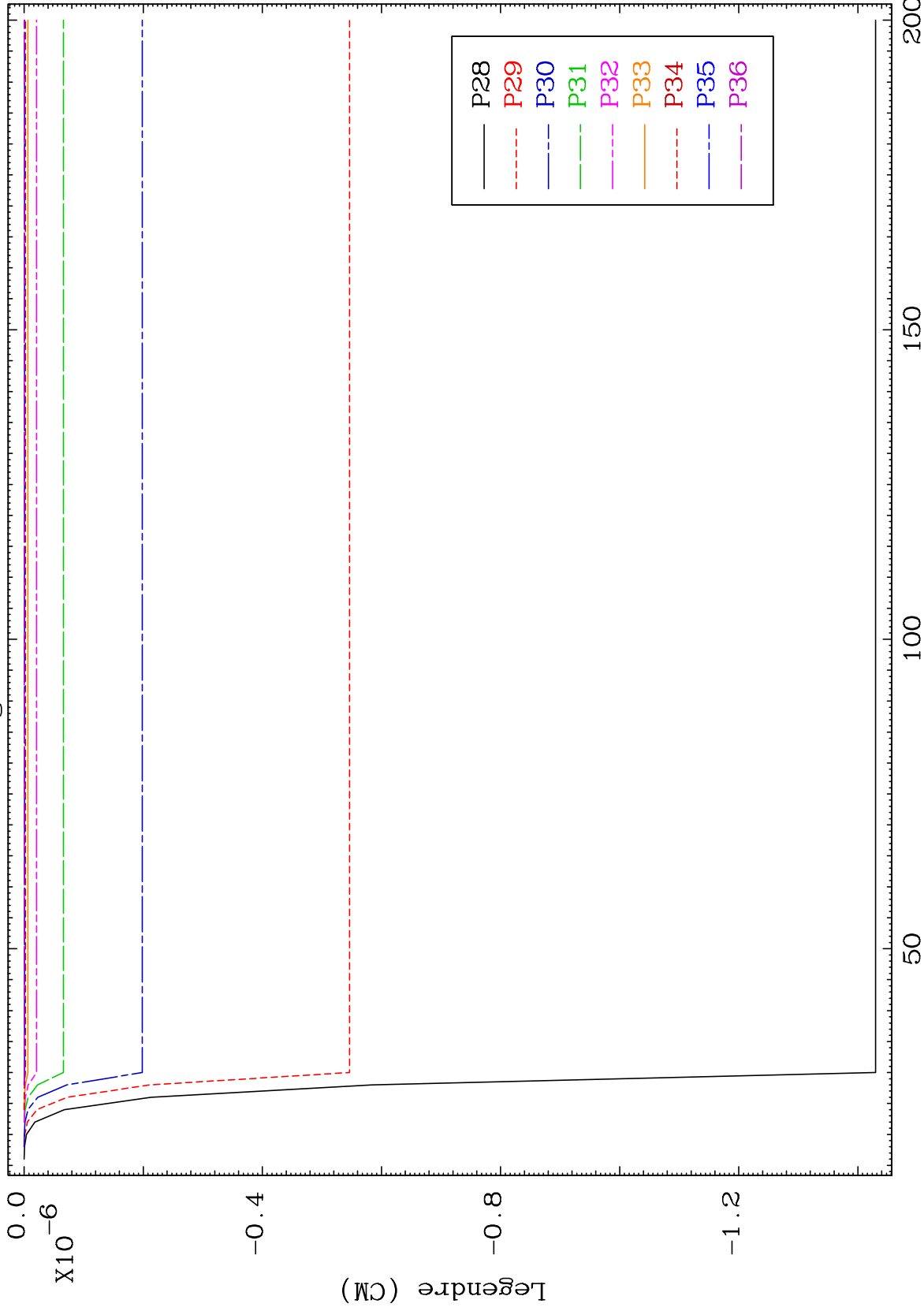
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54-Xe-142

MAT 5479

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

54-Xe-142



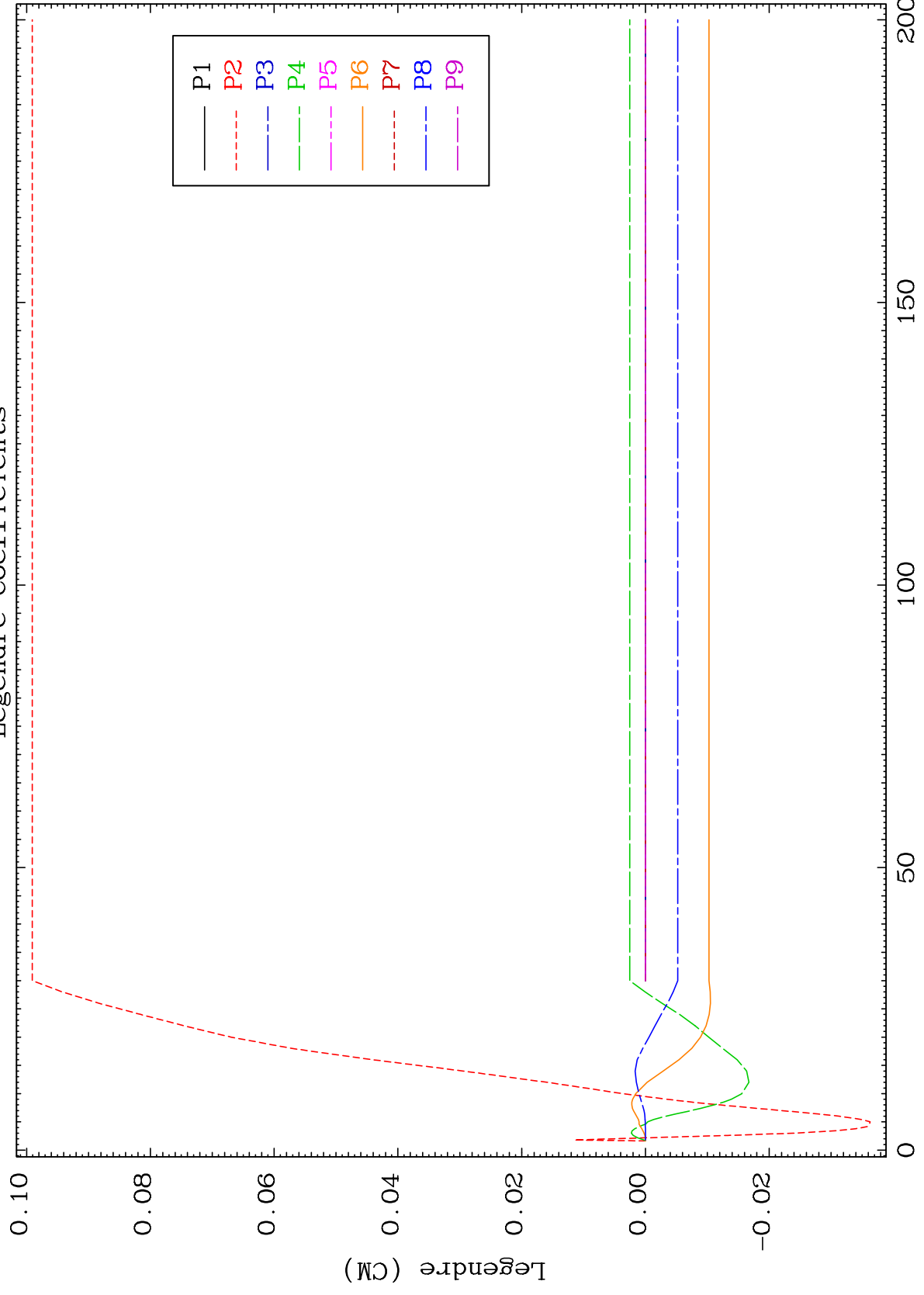
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MAT 5479

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

54-Xe-142



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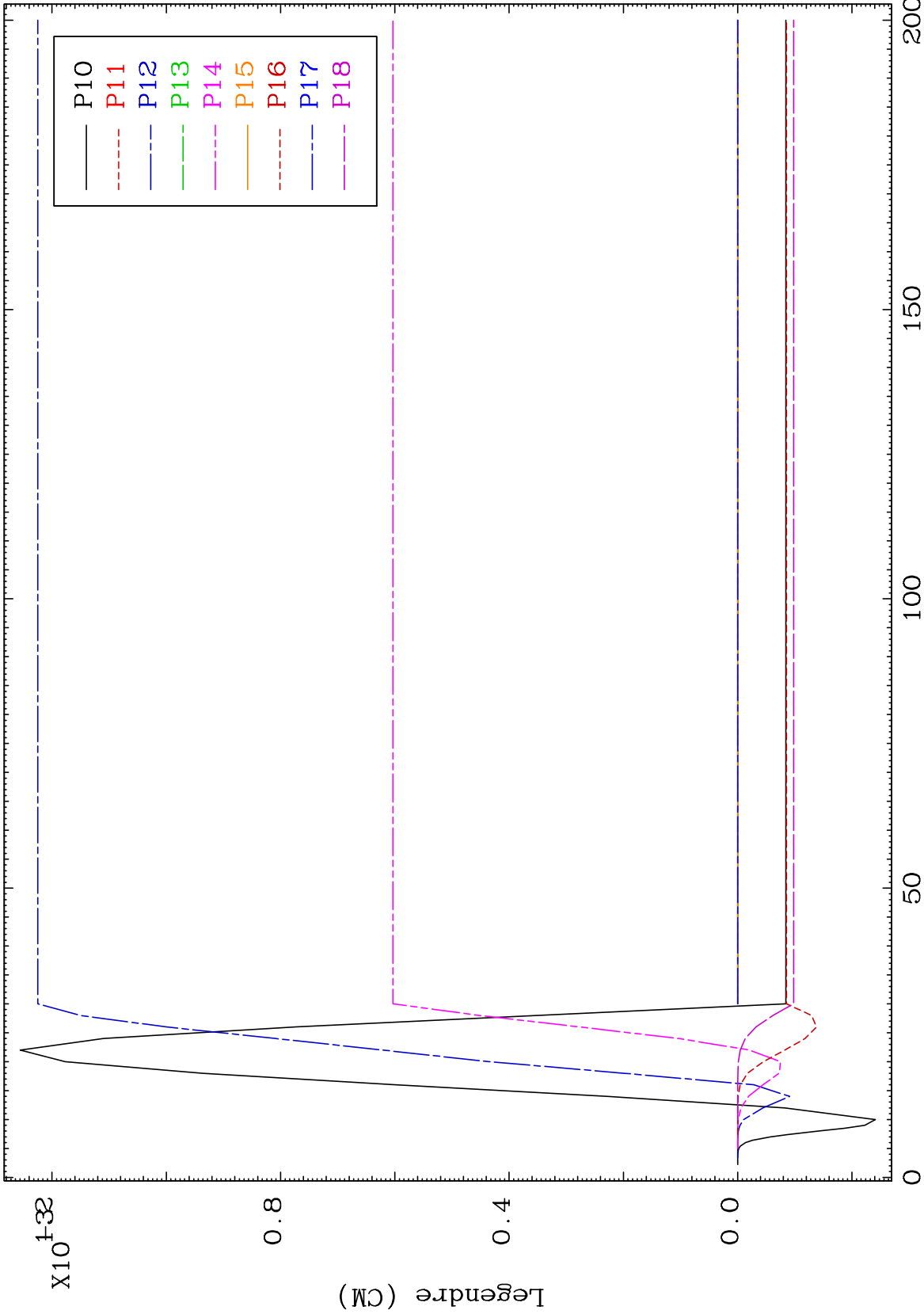
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



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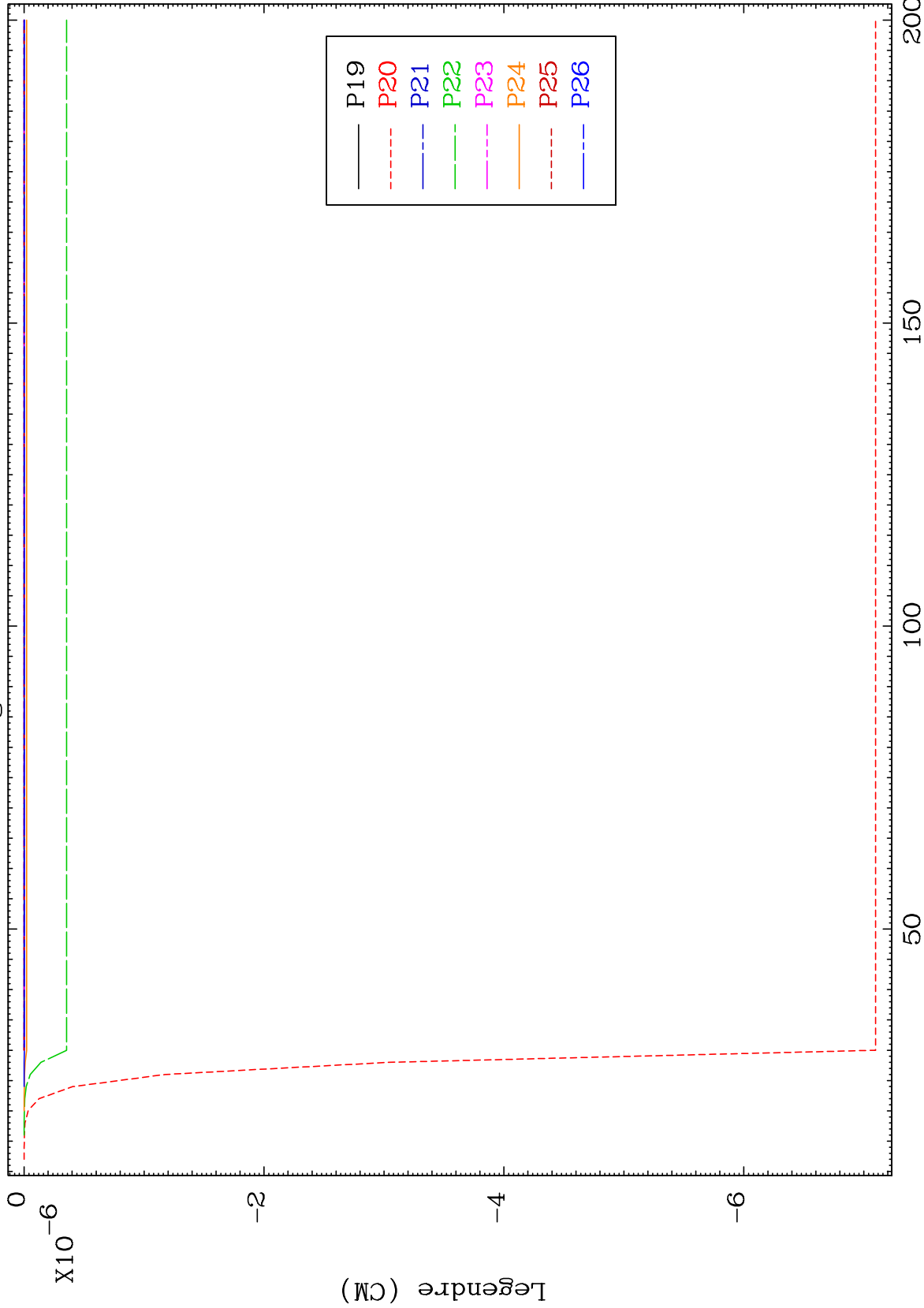
Incident Energy (MeV)

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MAT 5479

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

54-Xe-142



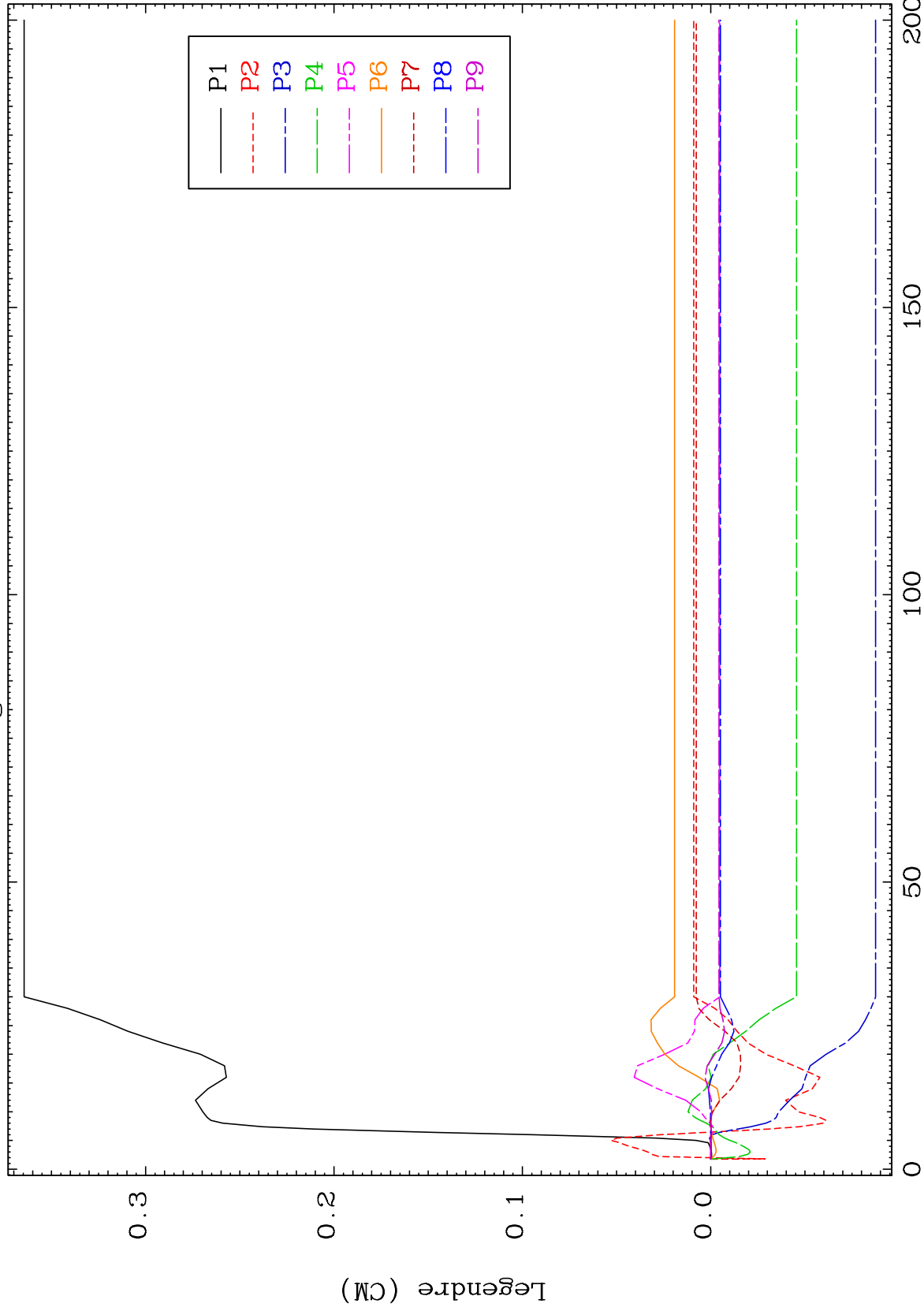
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54-Xe-142

MAT 5479

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

54-Xe-142



43

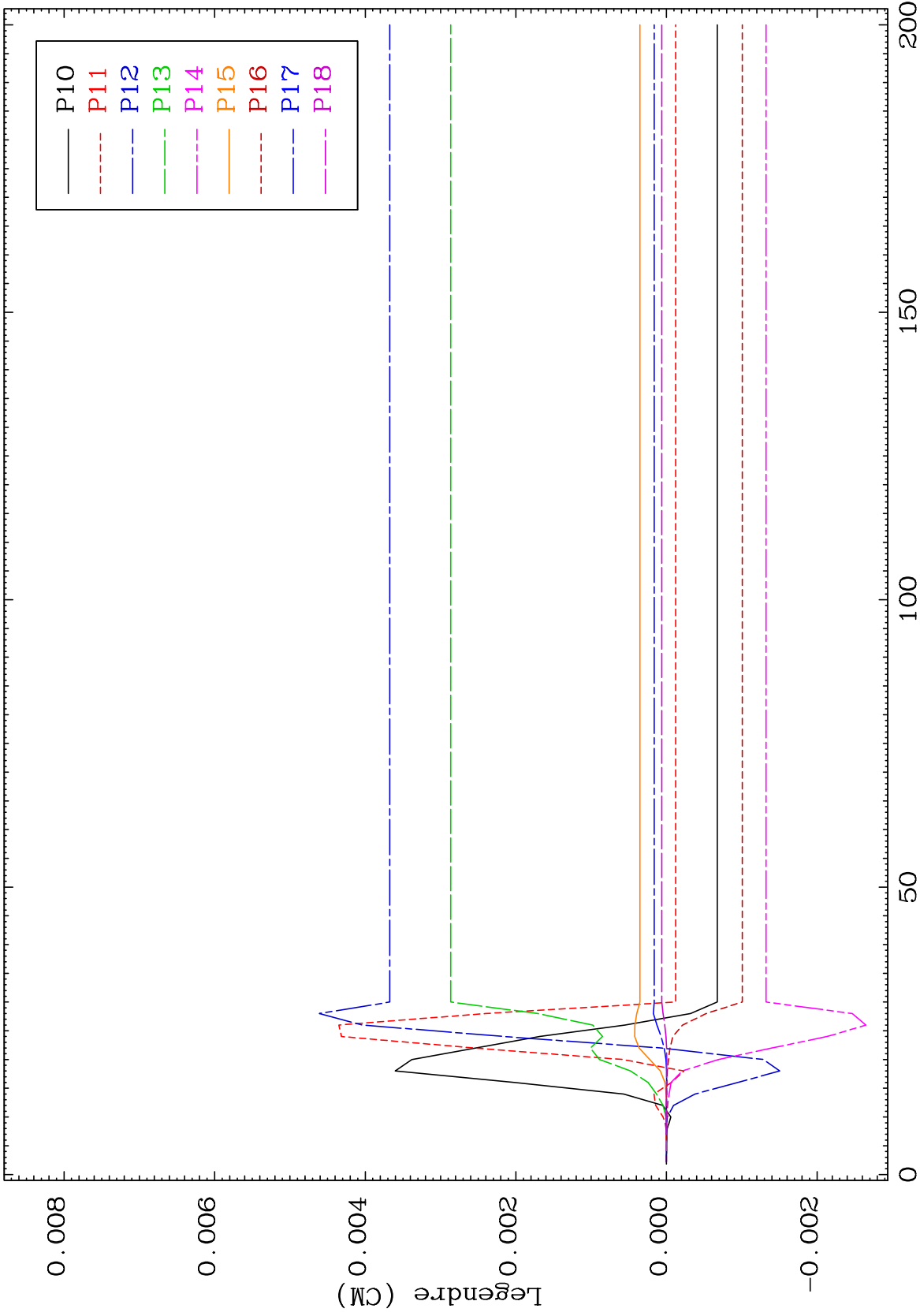
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54-Xe-142

MAT 5479

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

54-Xe-142



44

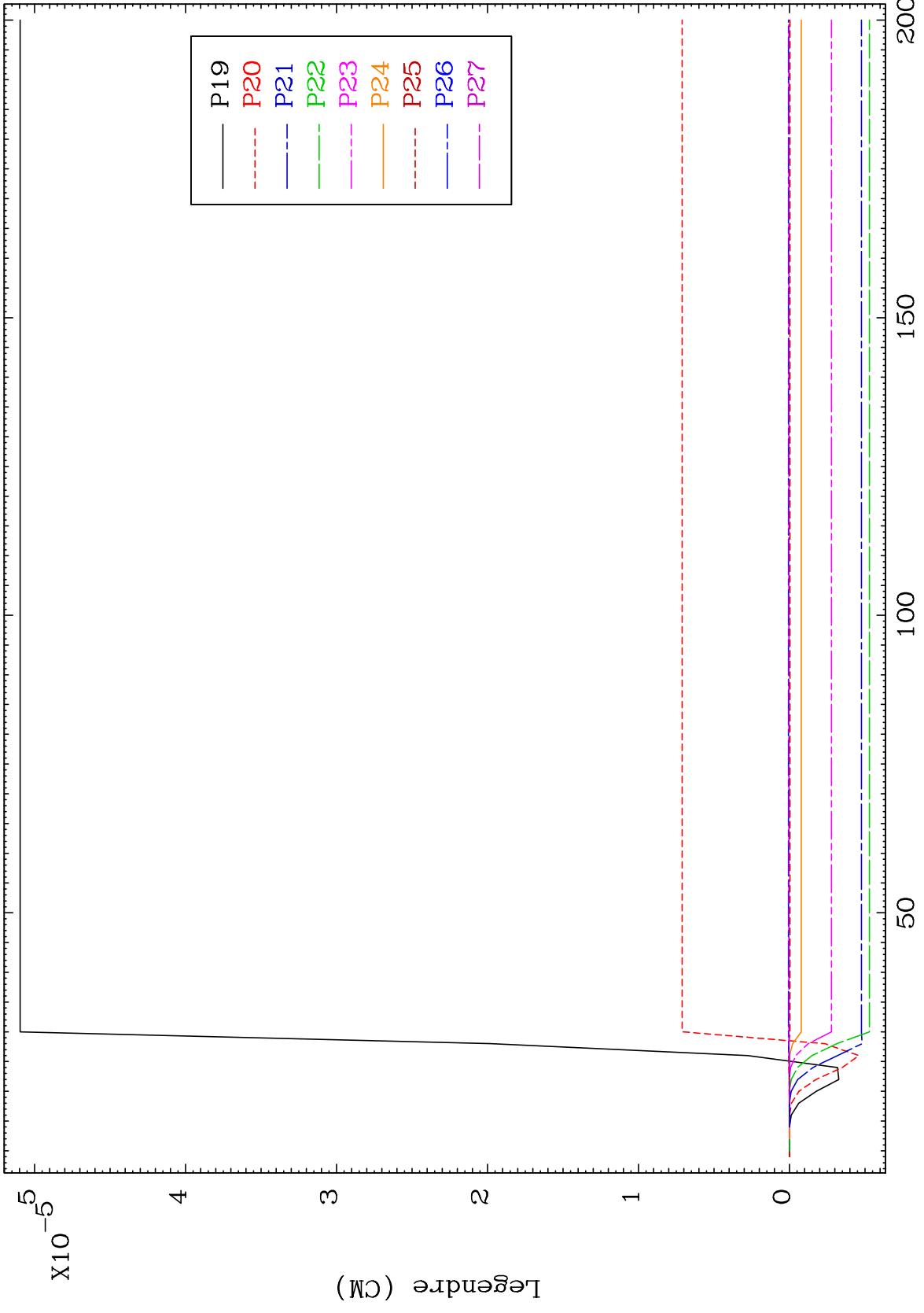
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



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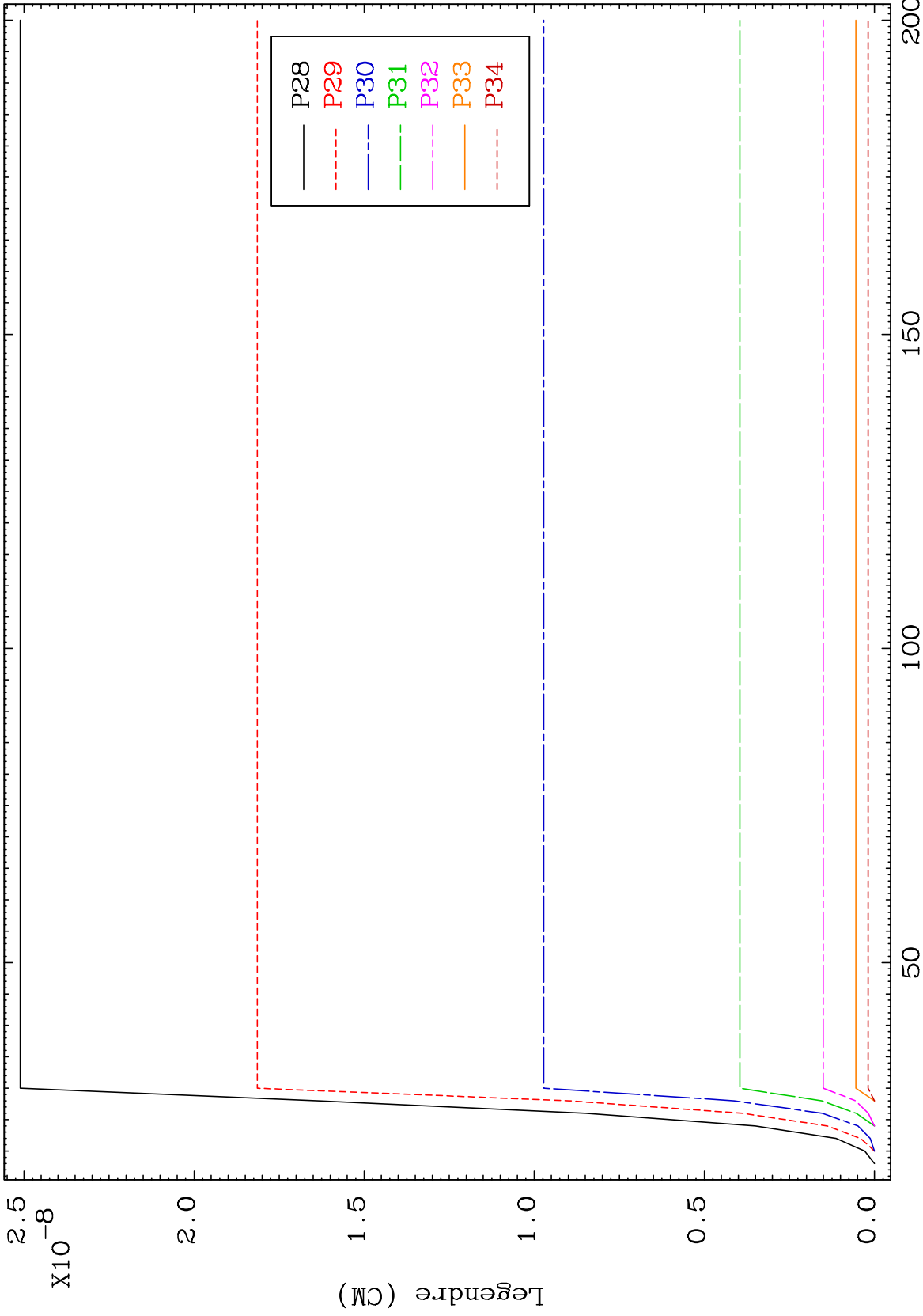
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54-Xe-142

MAT 5479

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

54-Xe-142



46

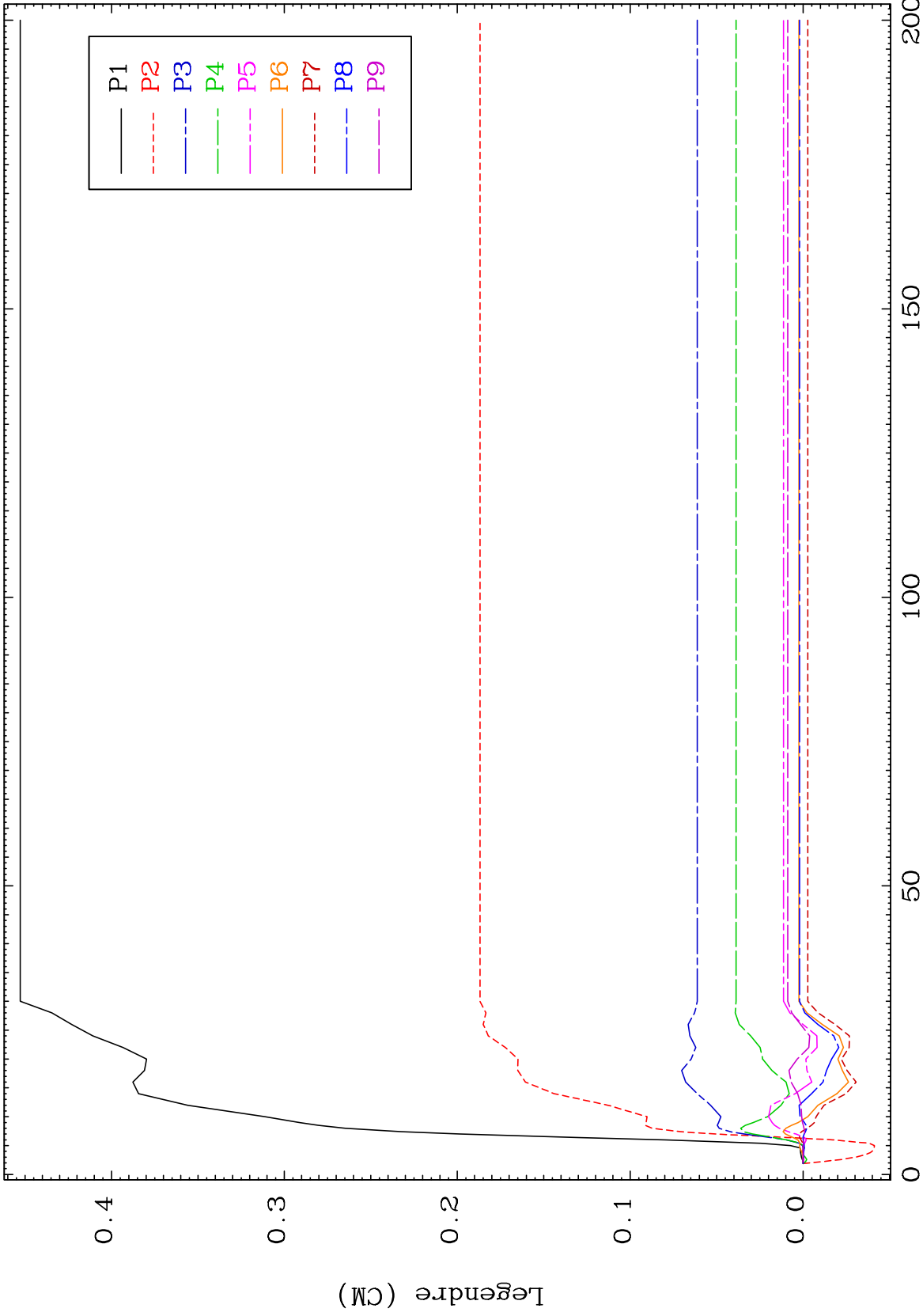
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



47

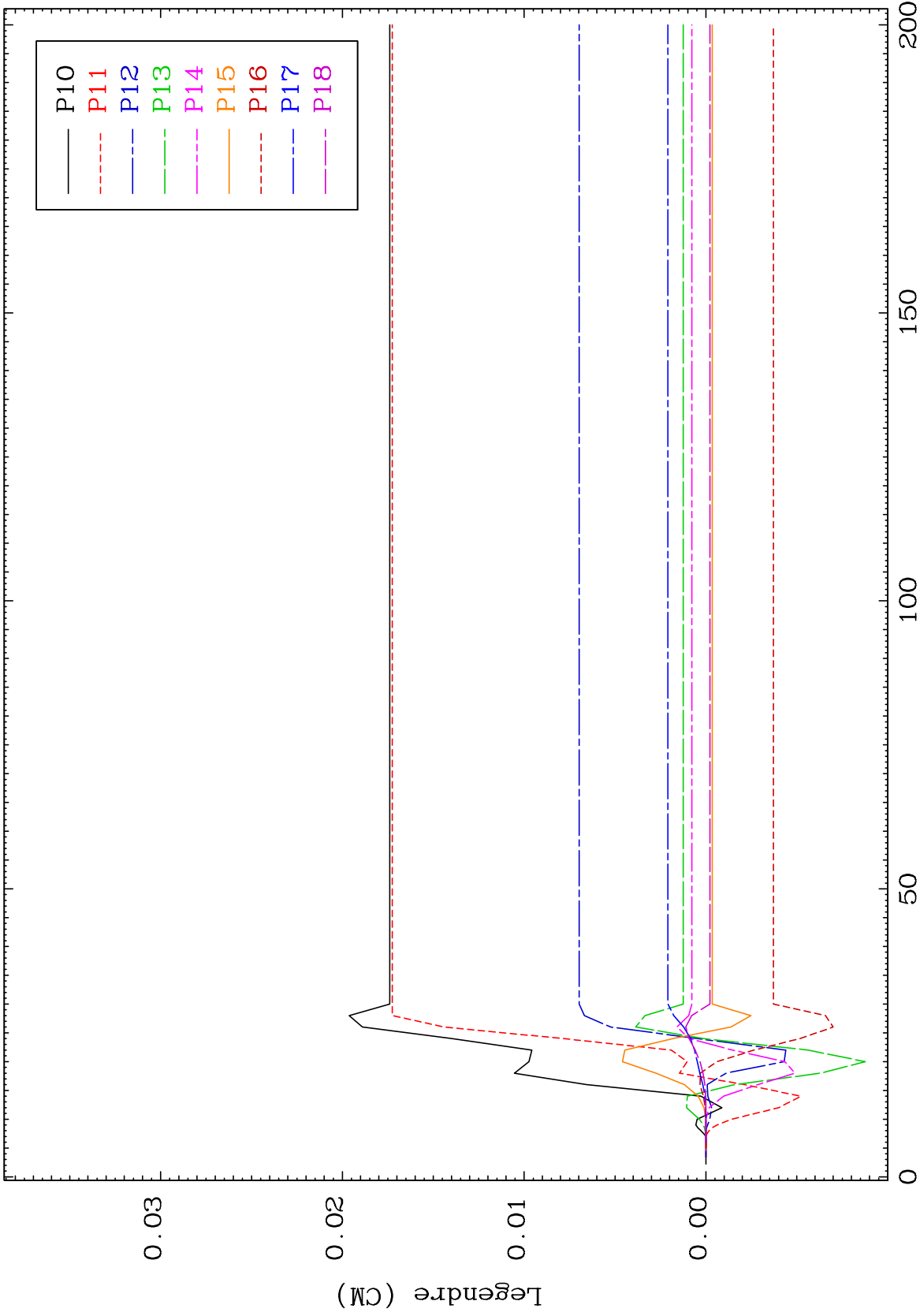
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



48

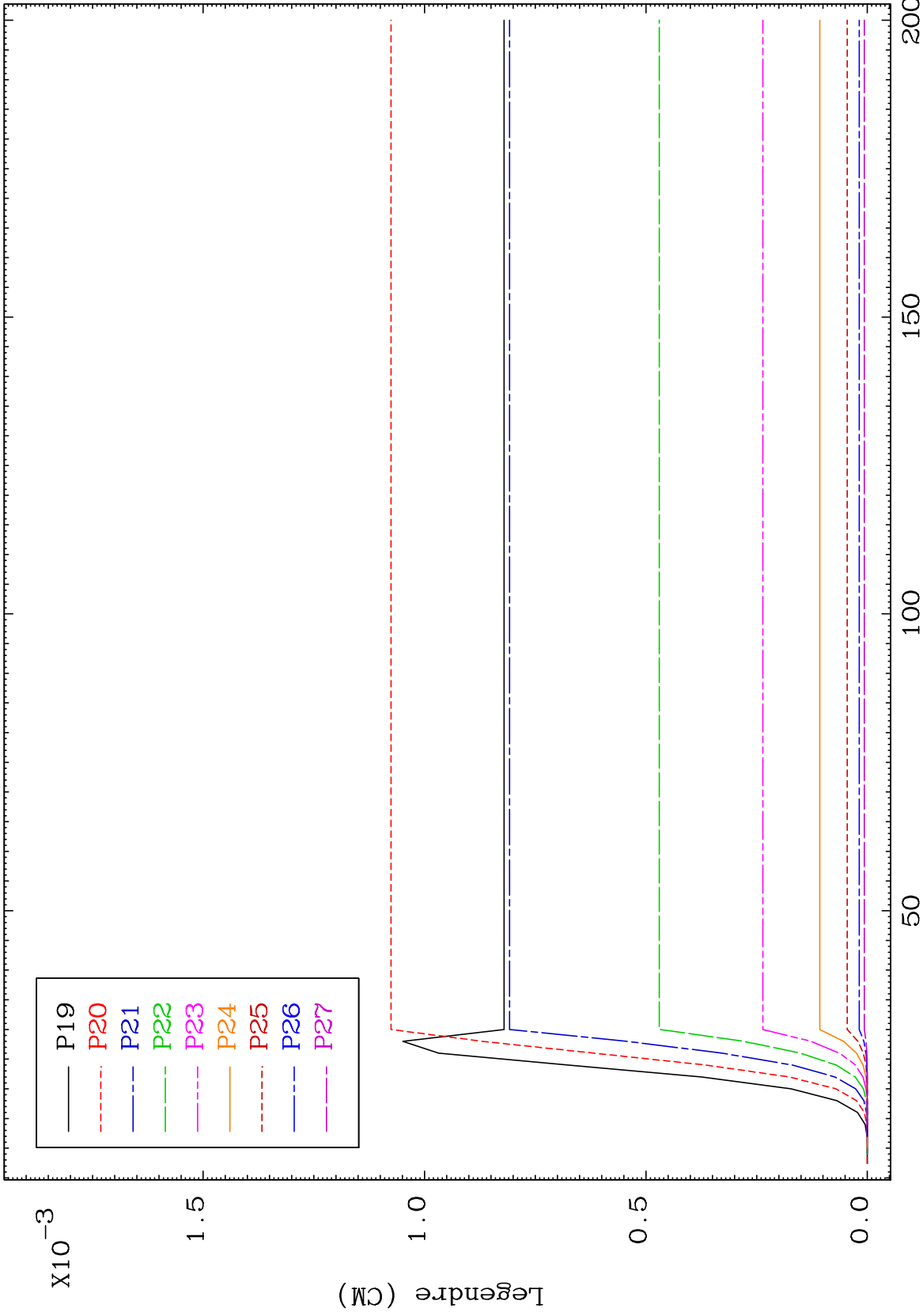
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



49

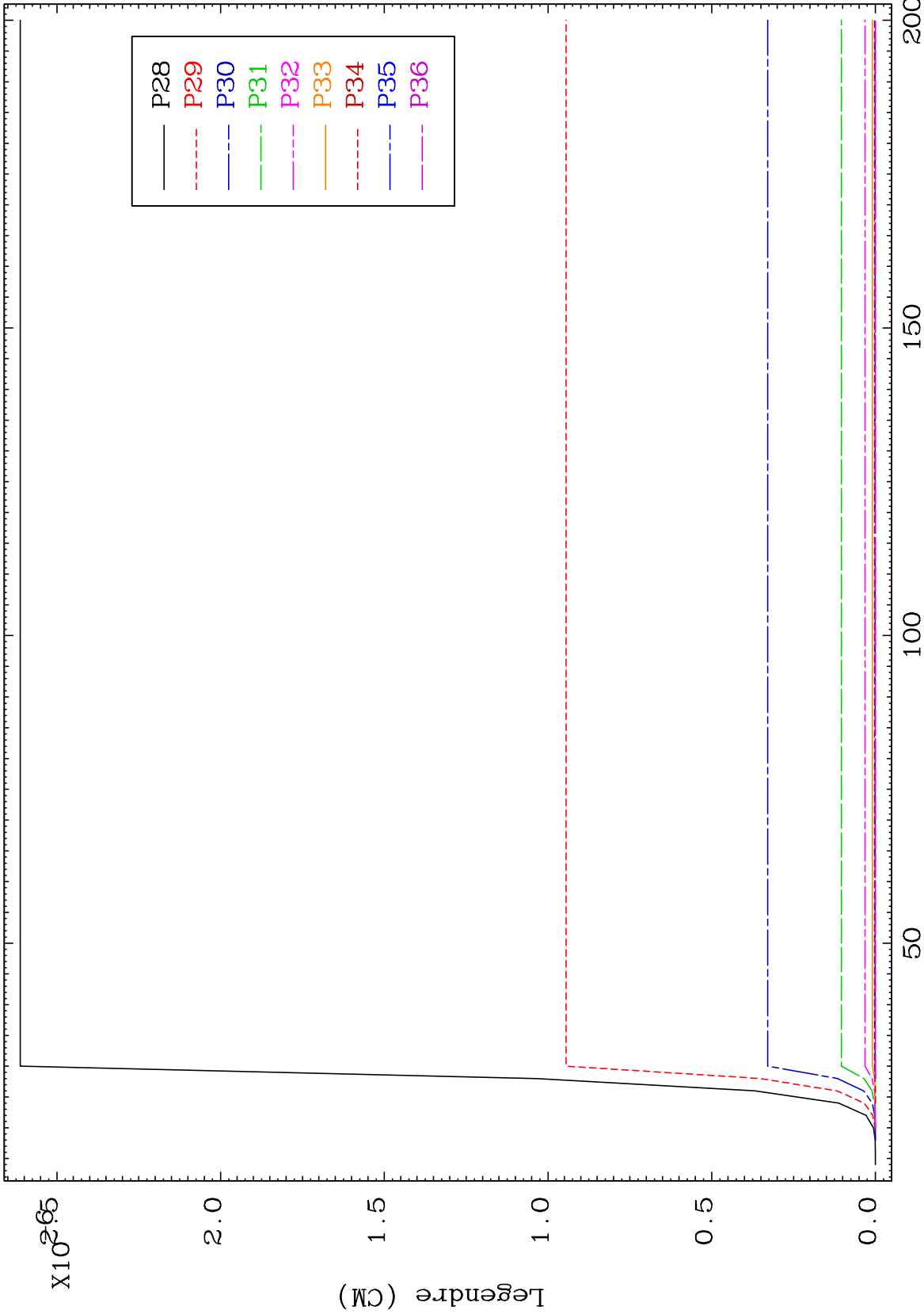
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



50

50

100

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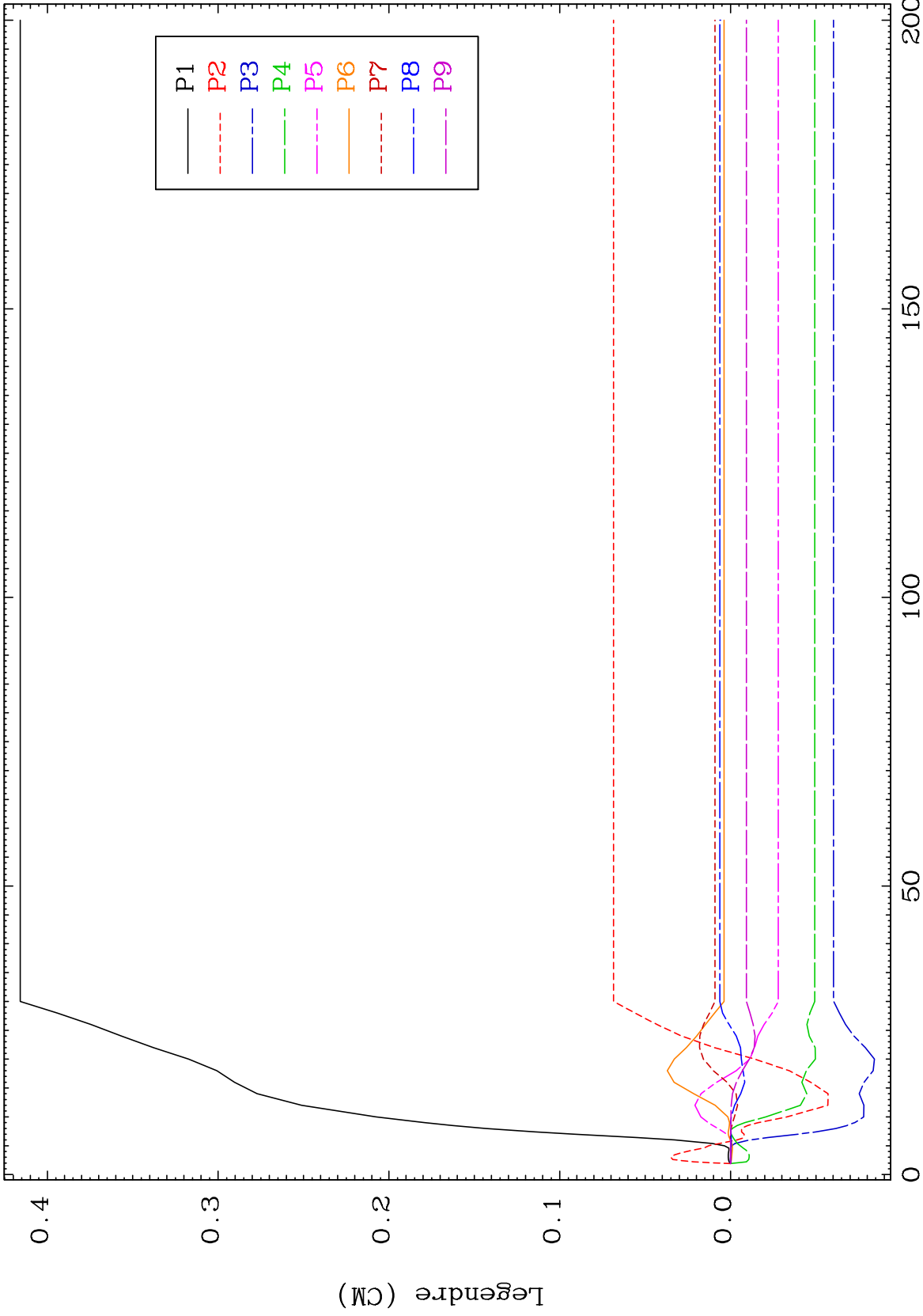
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54-Xe-142

MAT 5479

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

54-Xe-142



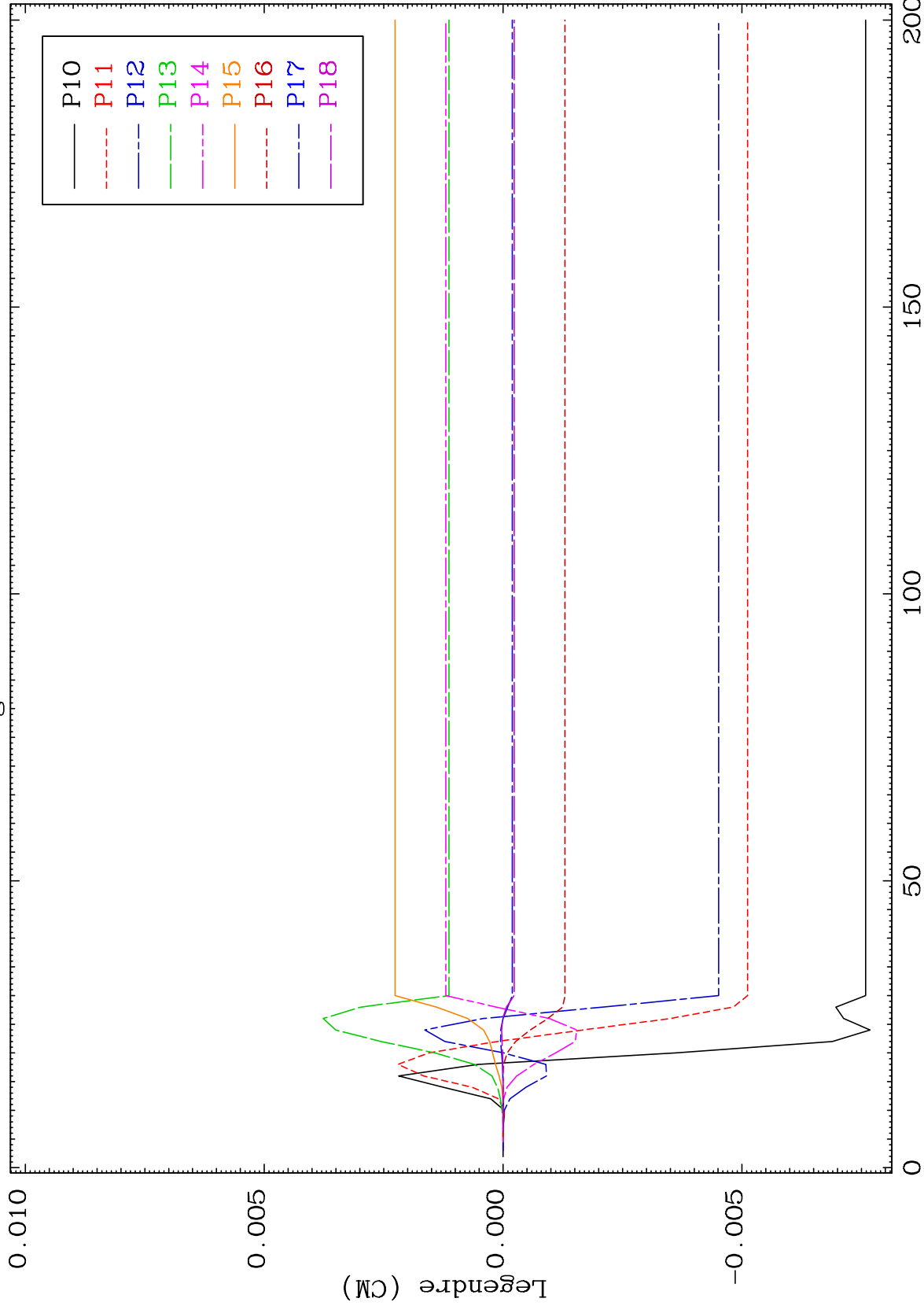
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54-Xe-142

MAT 5479

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

54-Xe-142



52

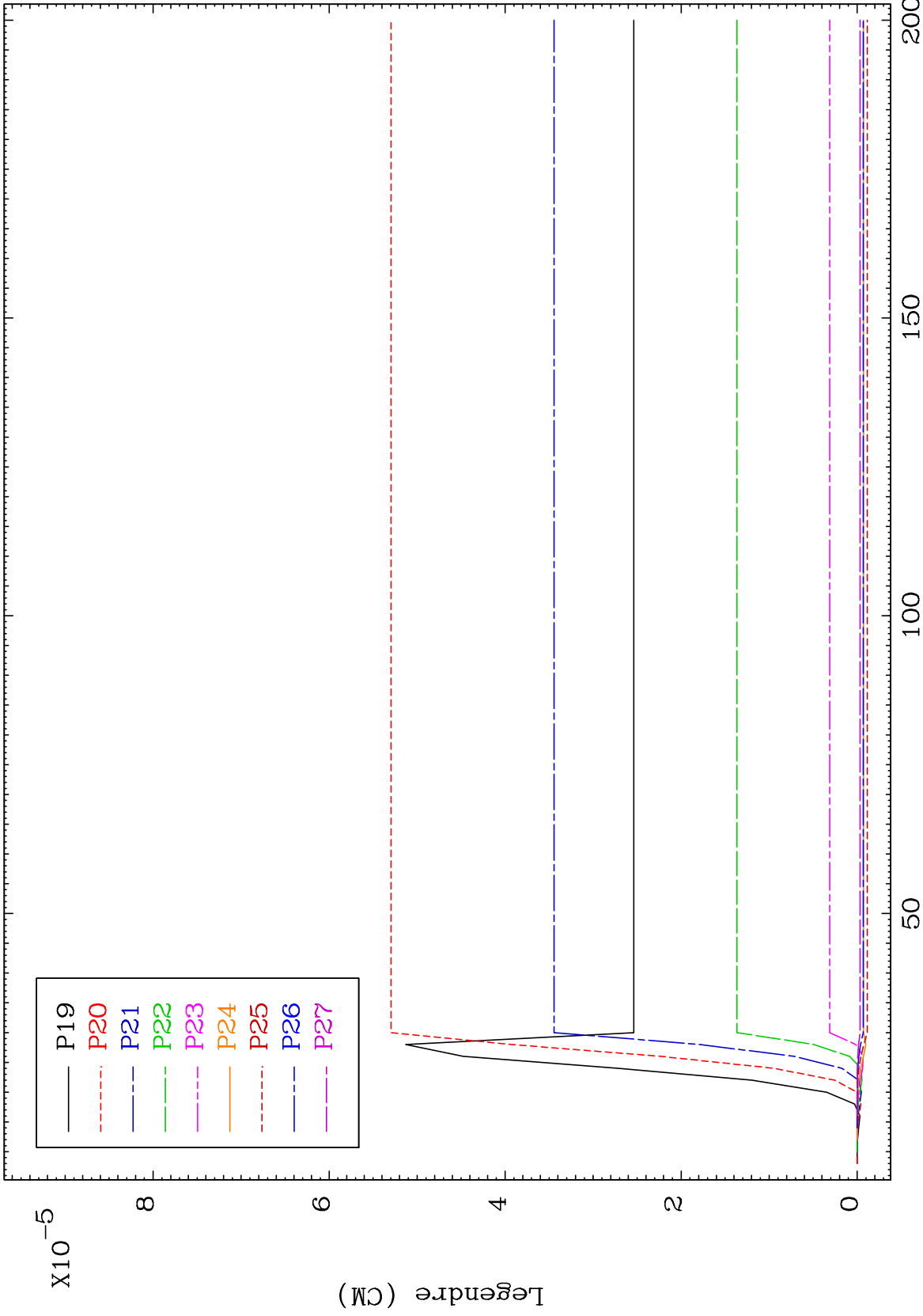
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142

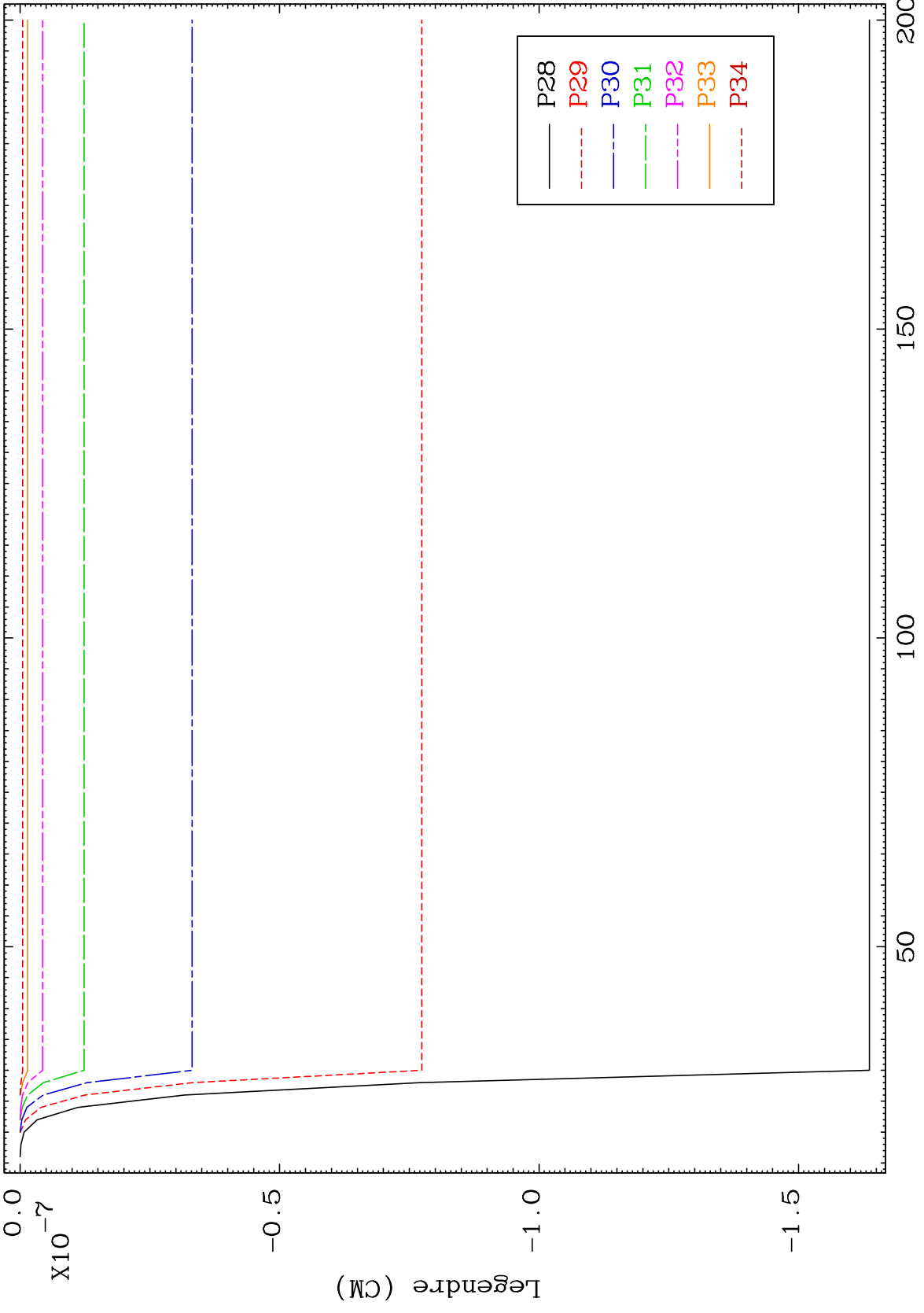


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Incident Energy (MeV)

54-Xe-142

MAT 5479 MT= 59 (n,n') Level Legendre Coefficients 54-Xe-142

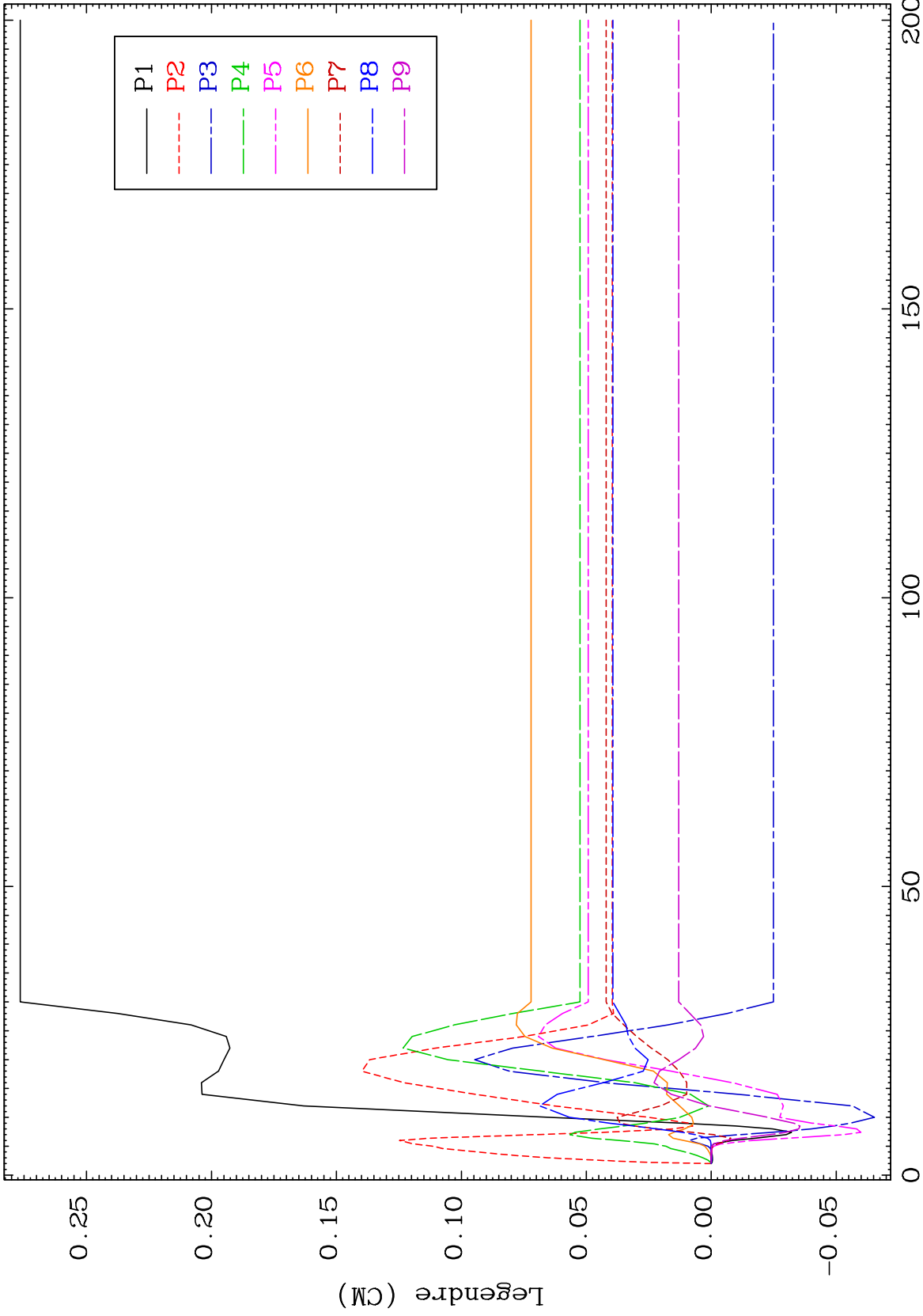


54 54-Xe-142

MAT 5479

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

54-Xe-142



55

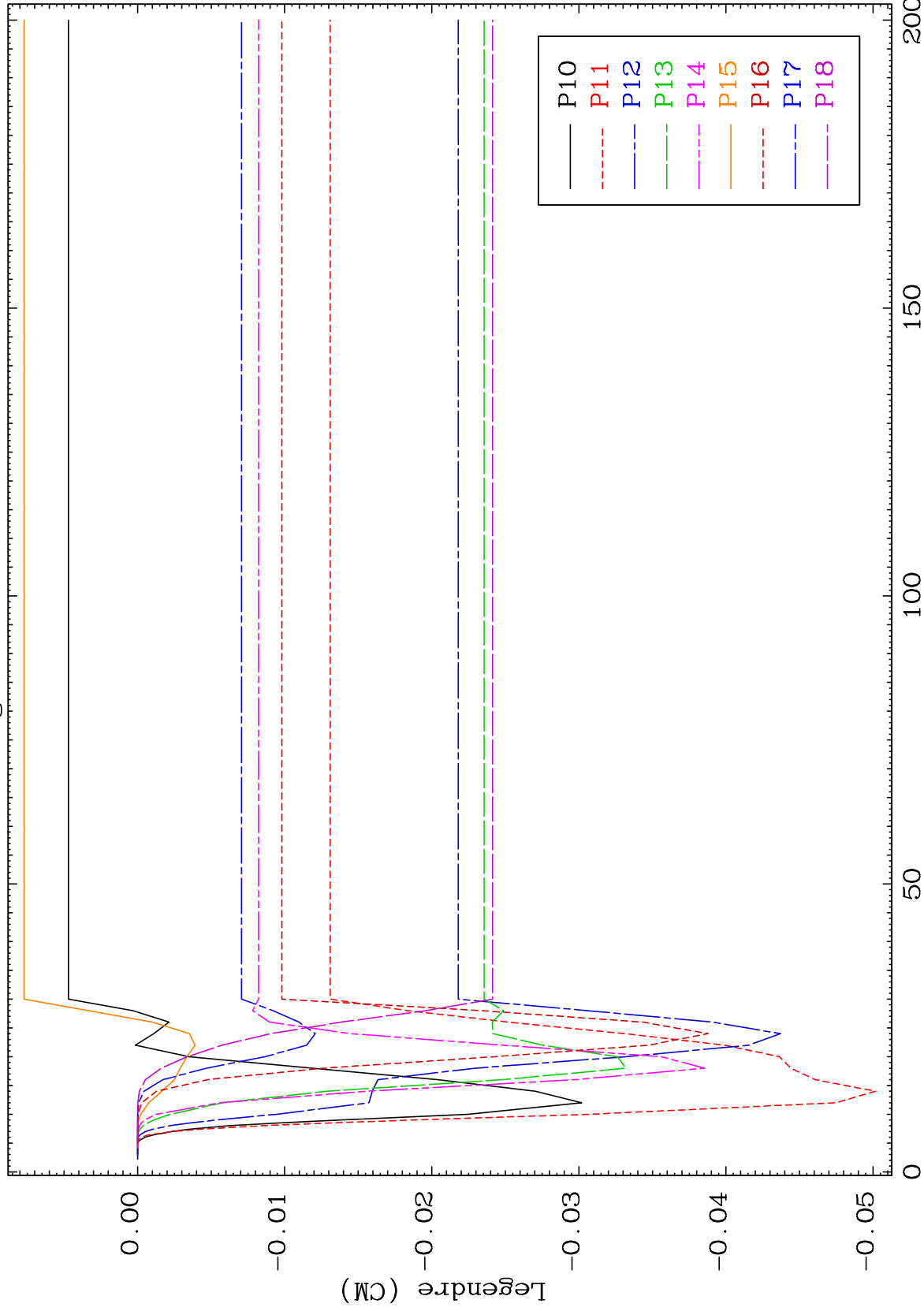
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



56

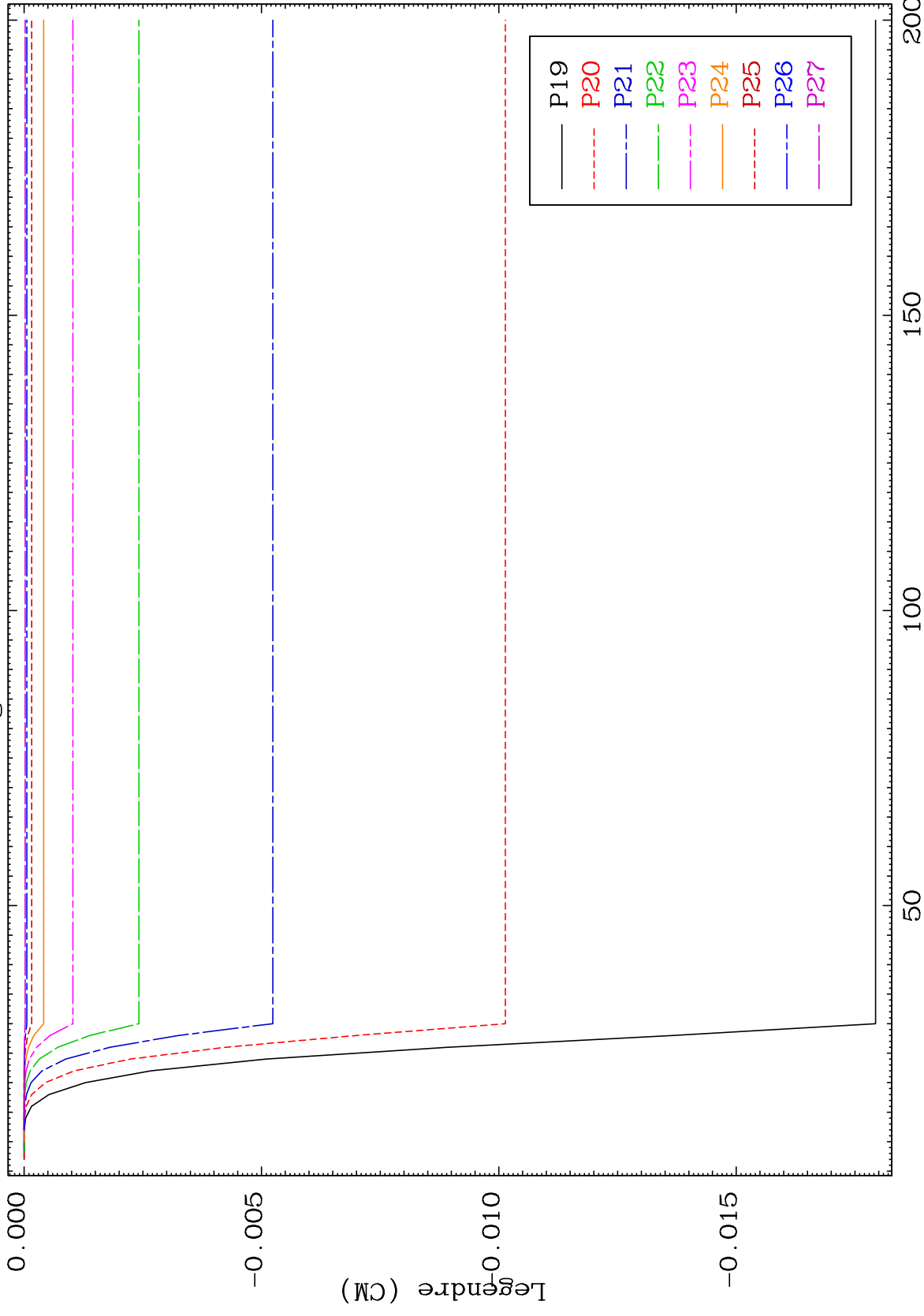
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

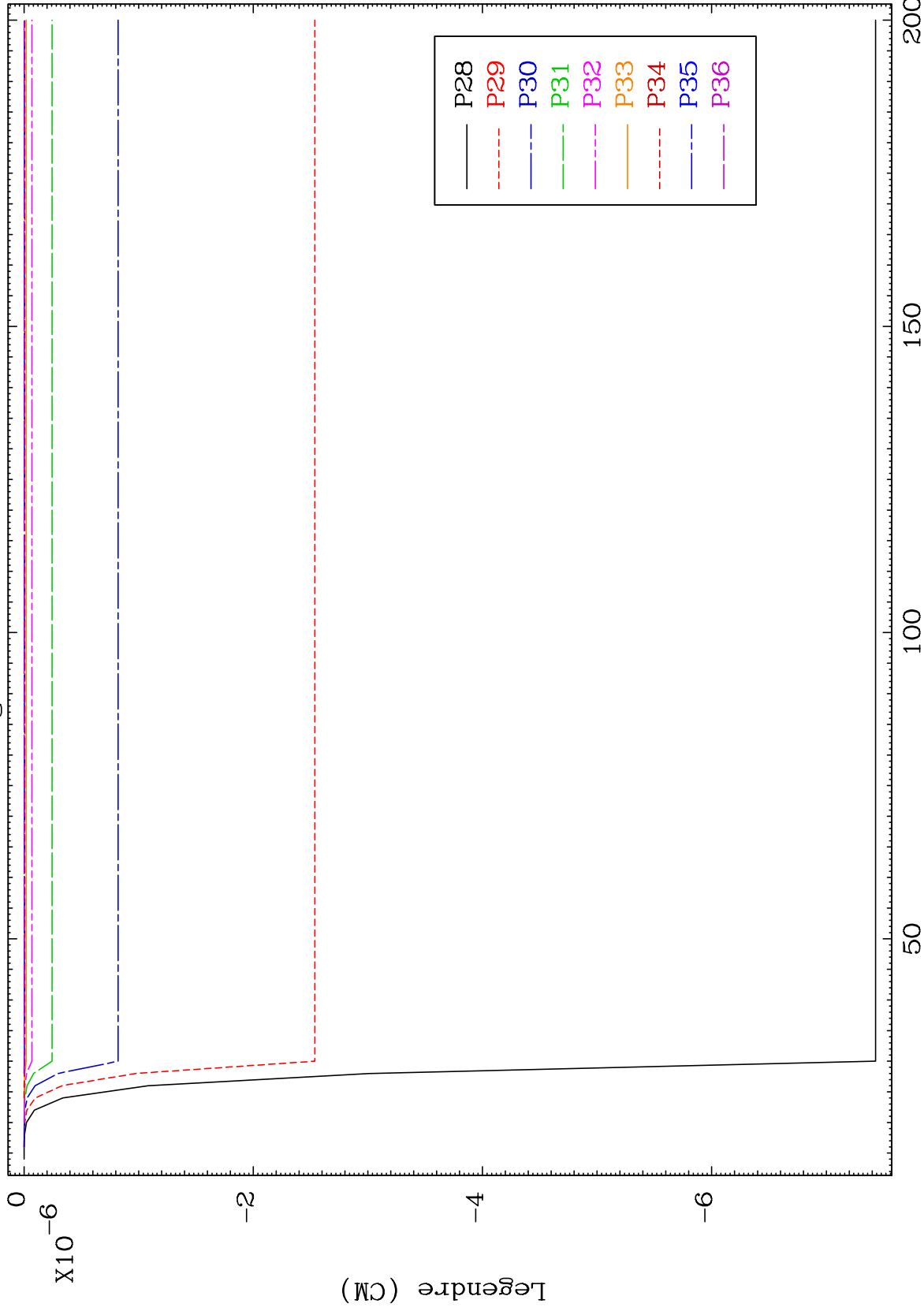
Incident Energy (MeV)

57

MAT 5479

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

54-Xe-142



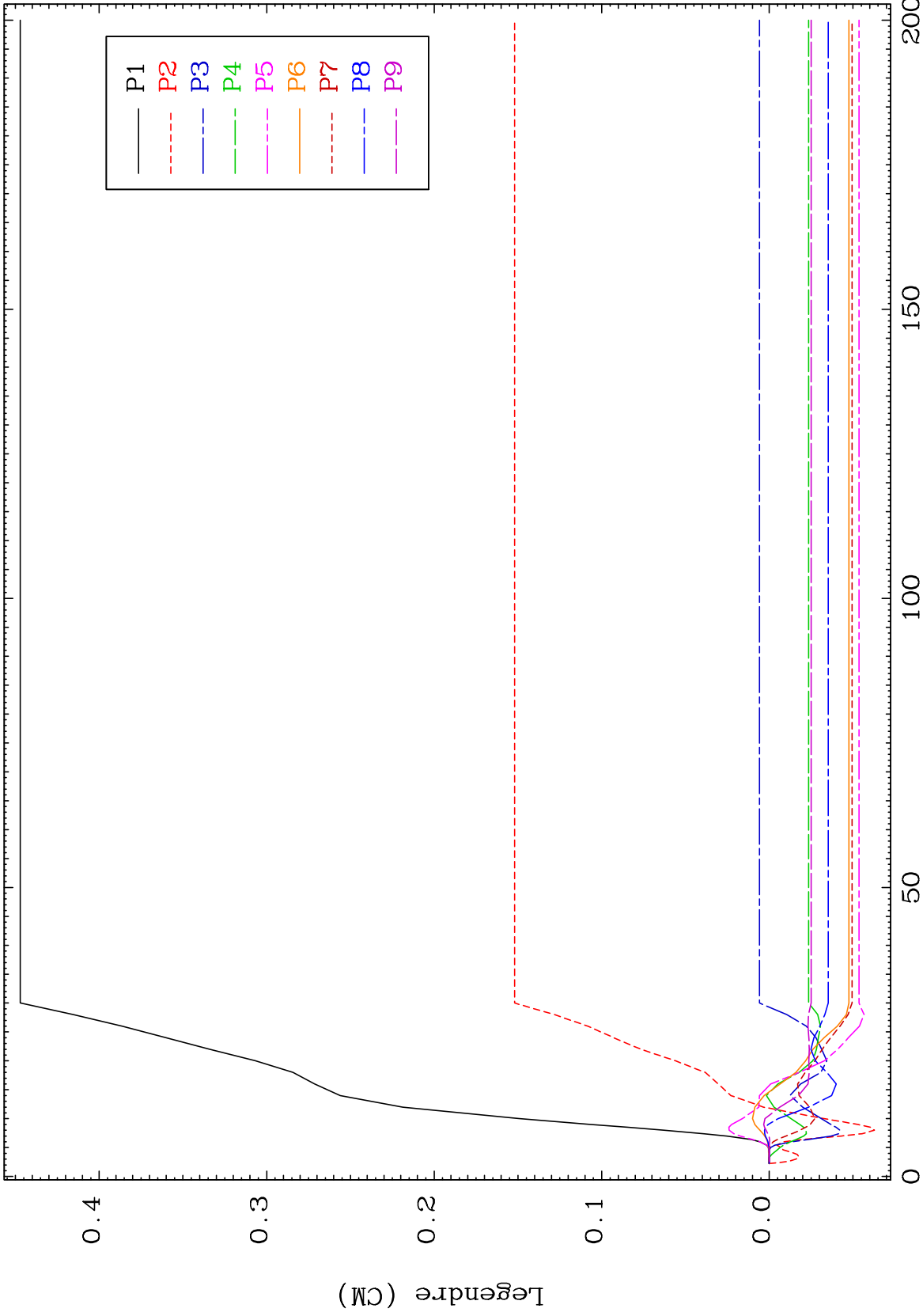
58

54-Xe-142

MAT 5479

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

54-Xe-142



59

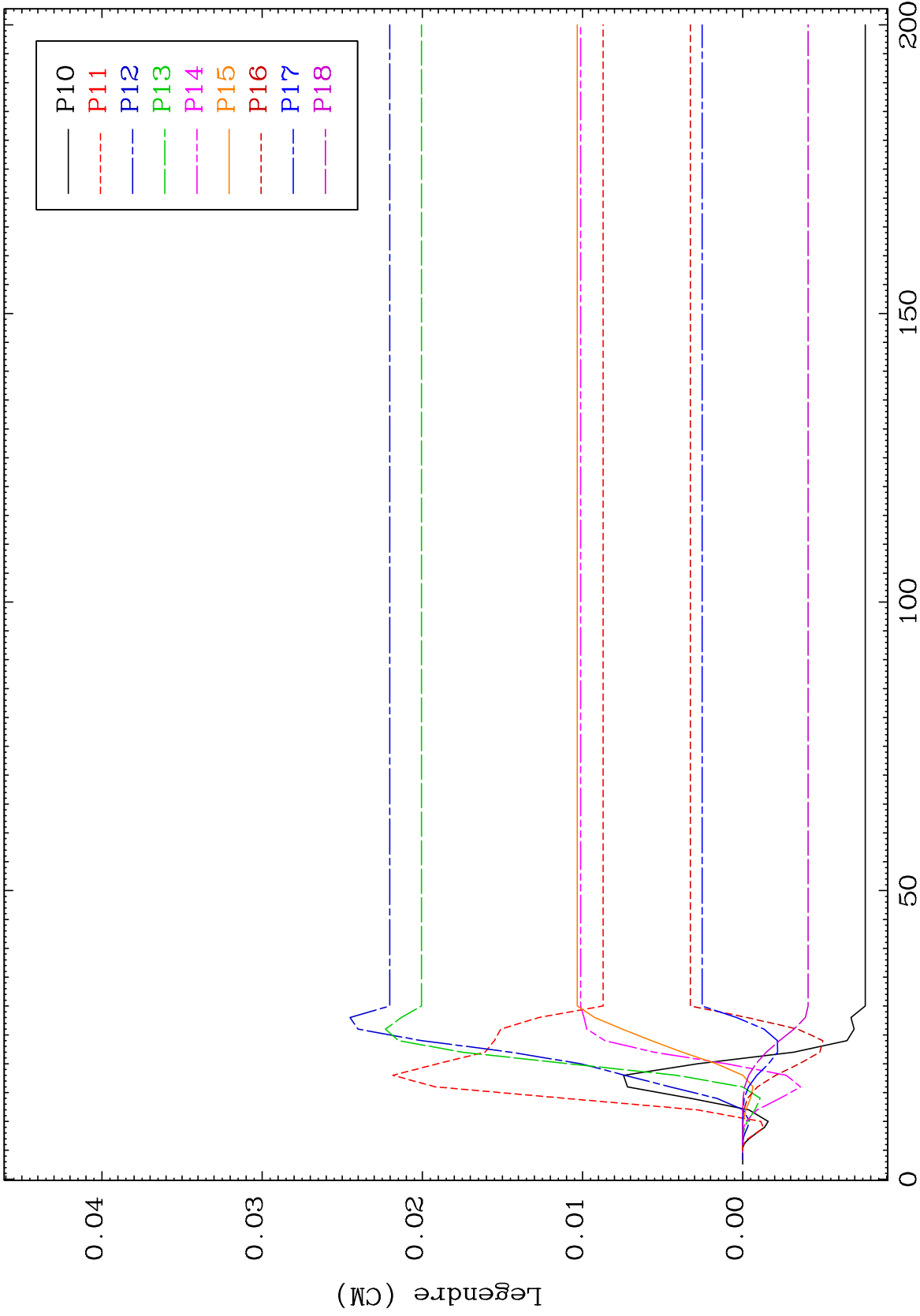
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



60

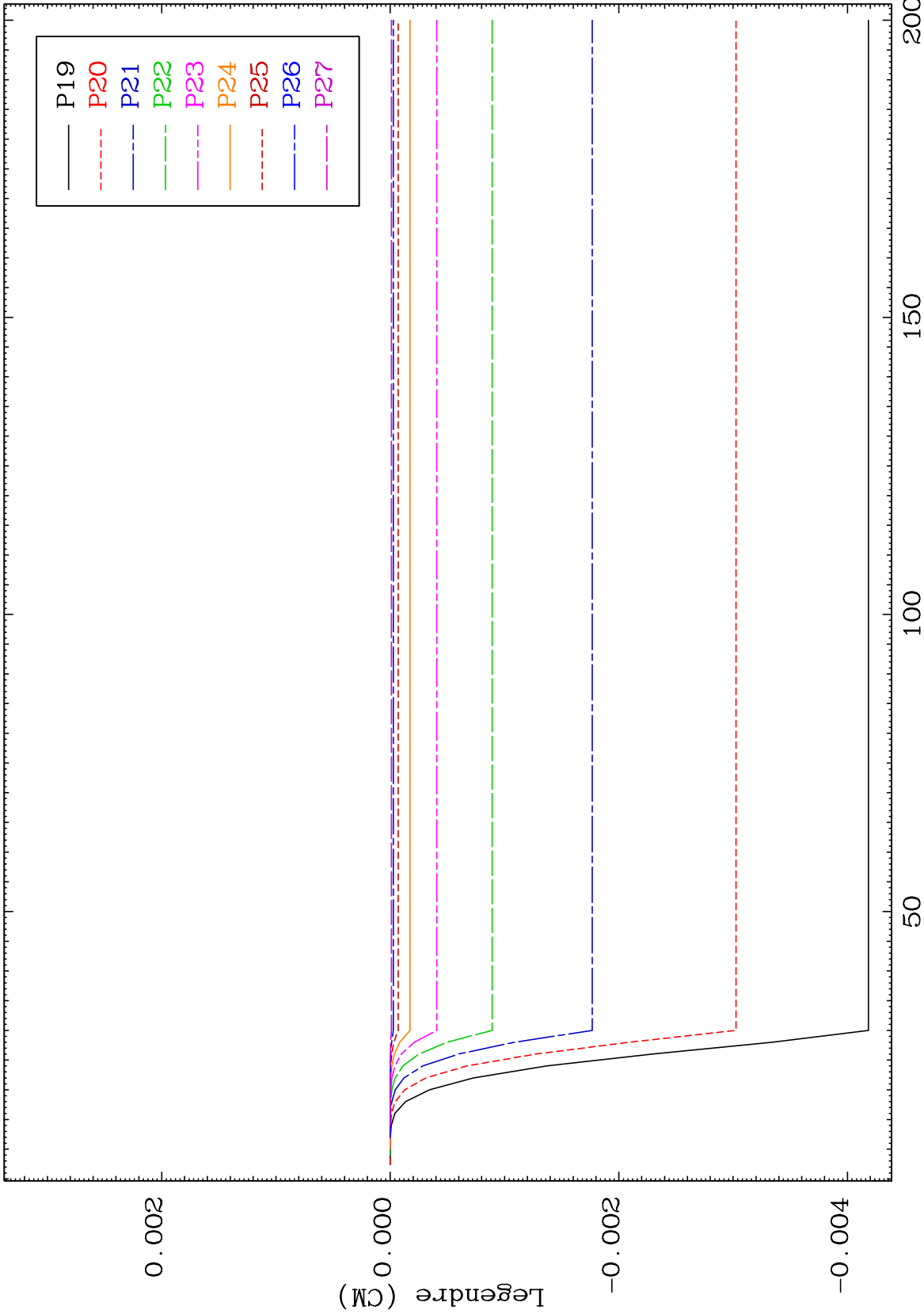
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



61

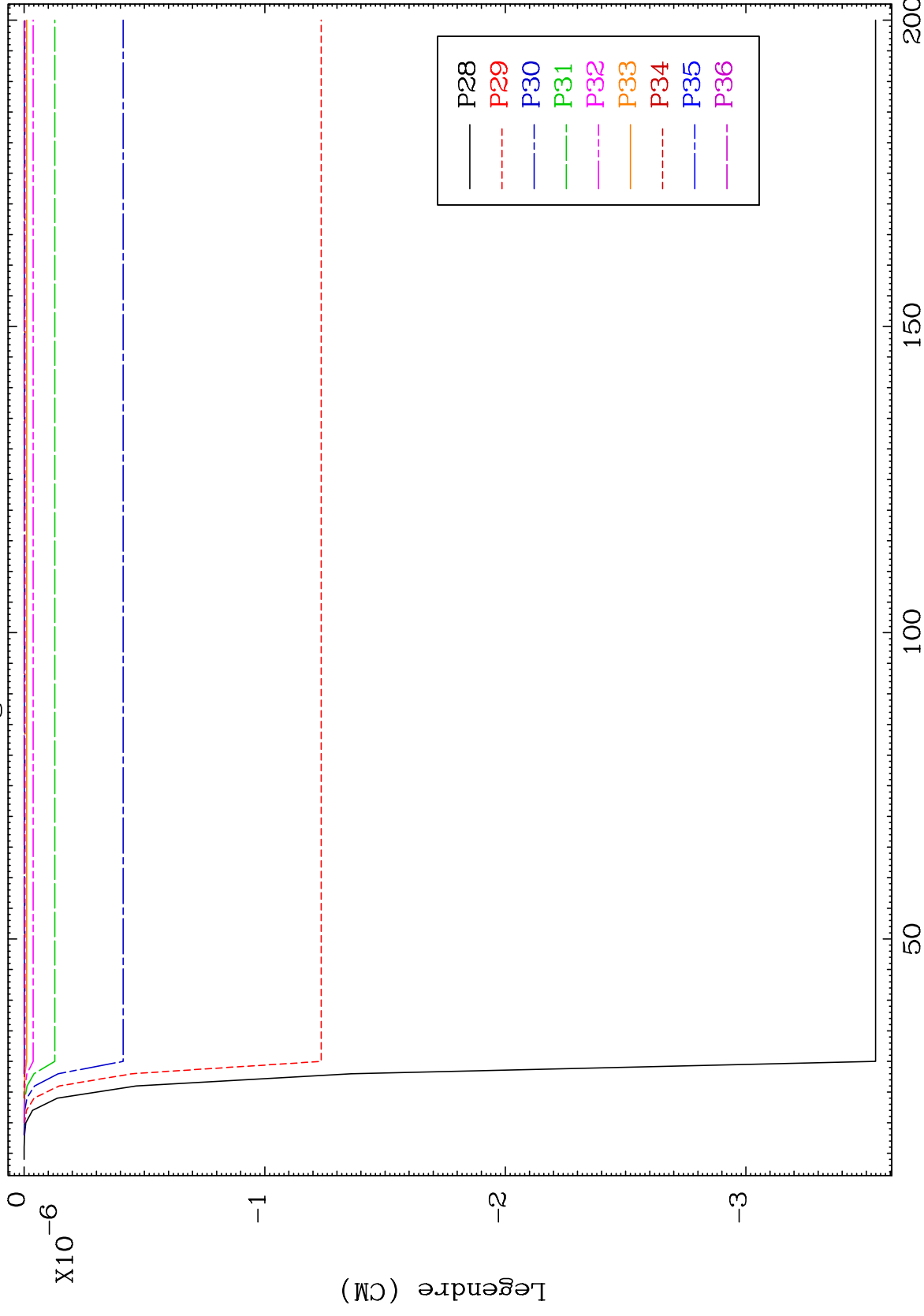
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



54-Xe-142

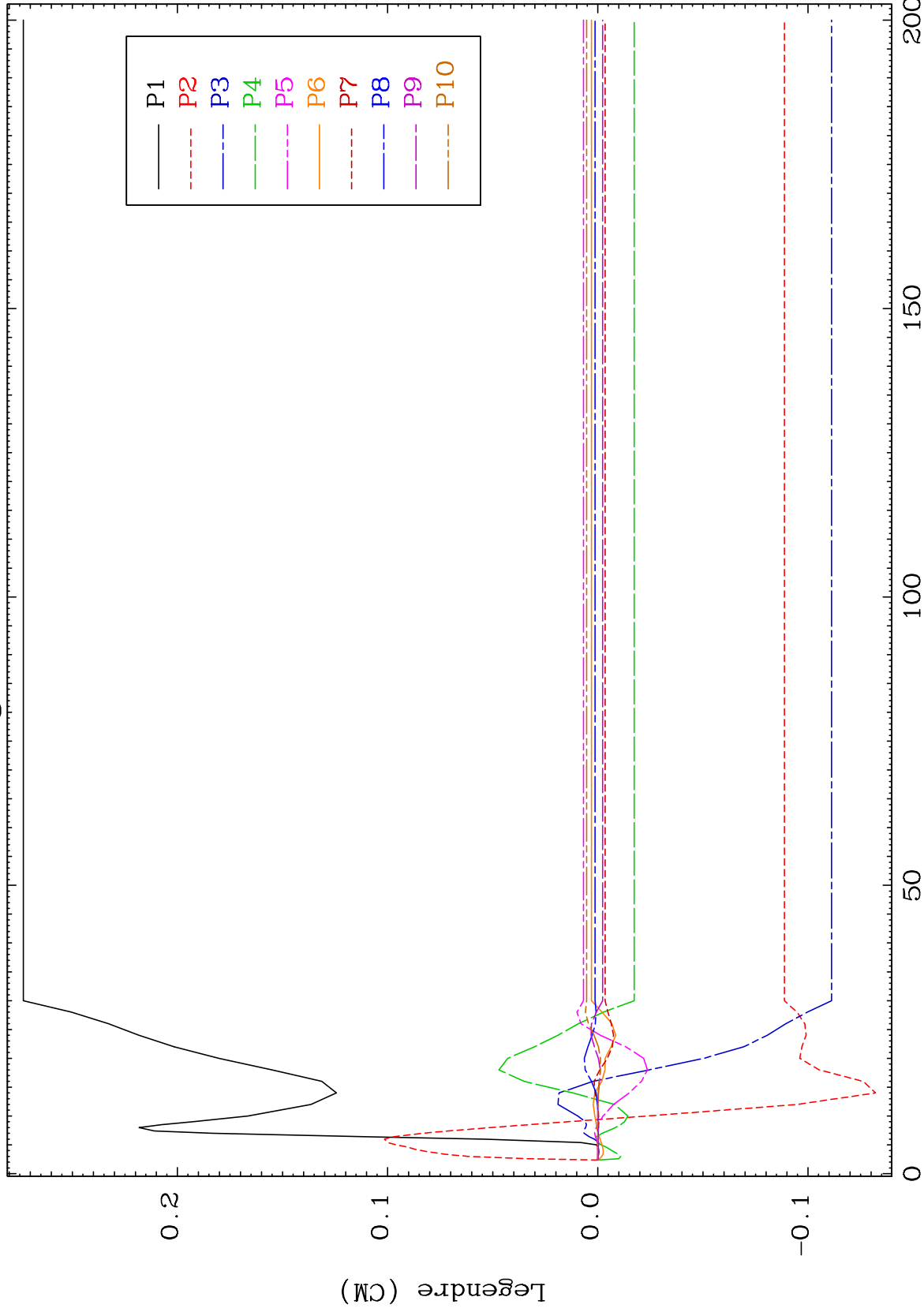
Incident Energy (MeV)

62

MAT 5479

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

54-Xe-142



63

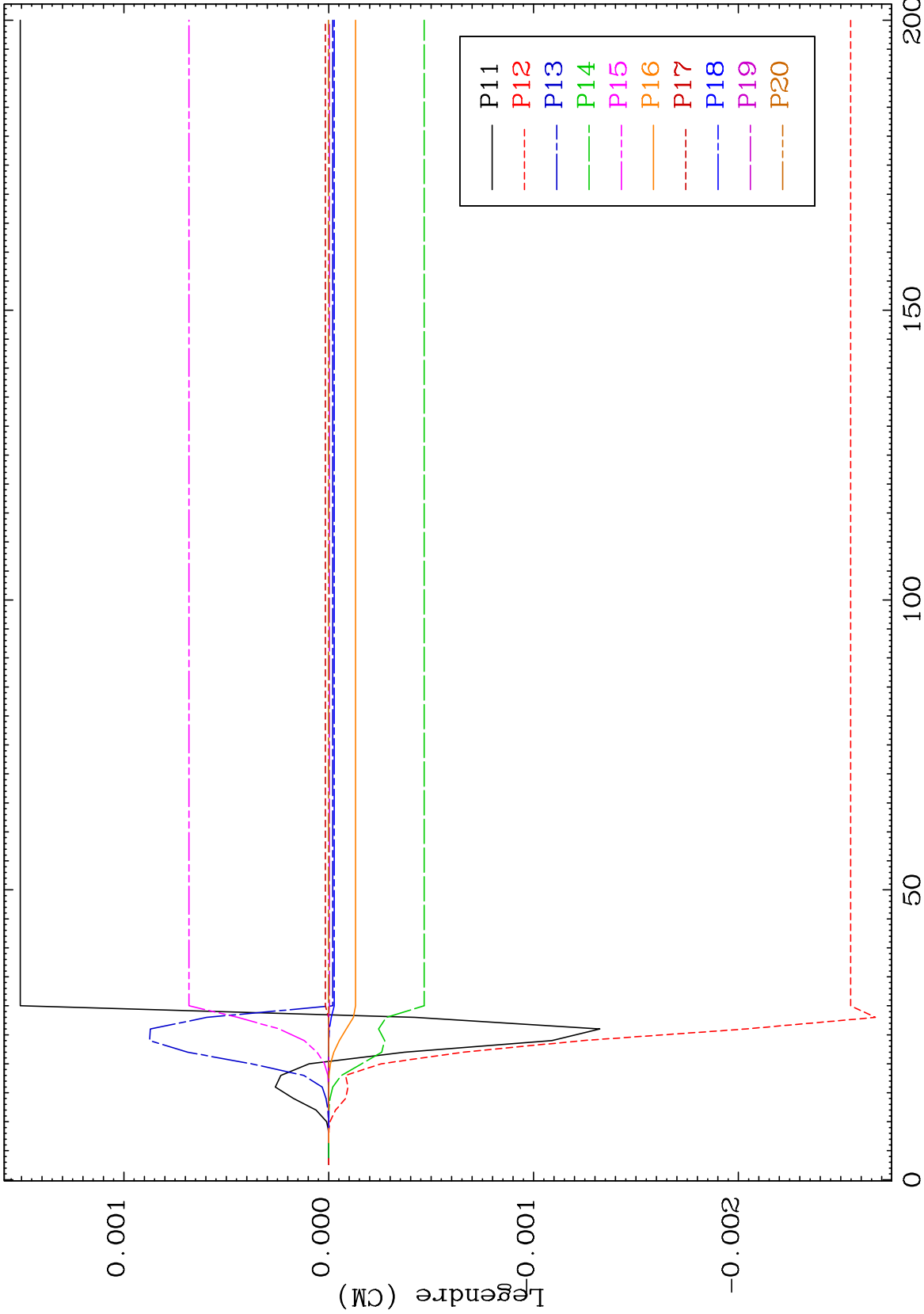
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



64

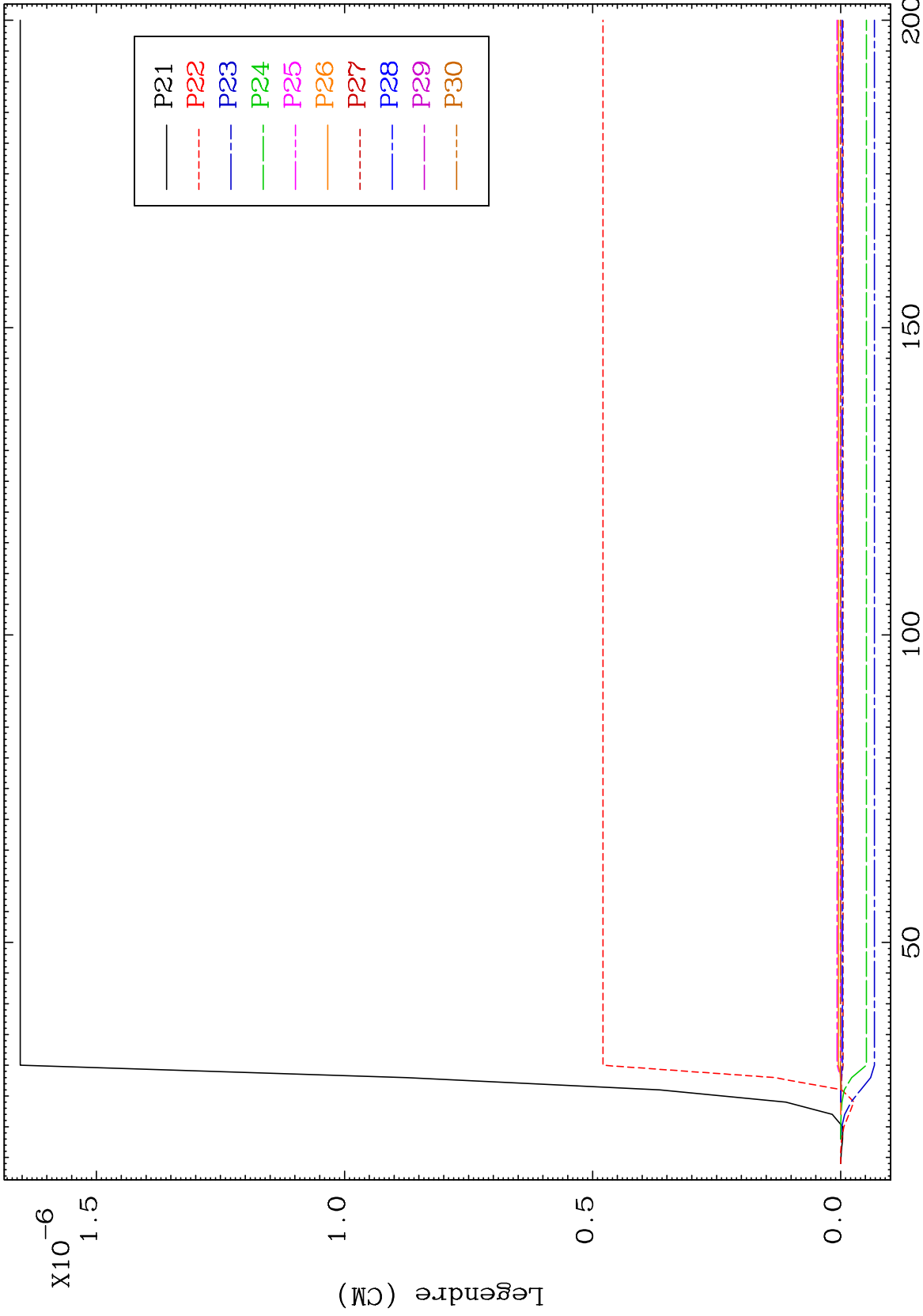
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



65

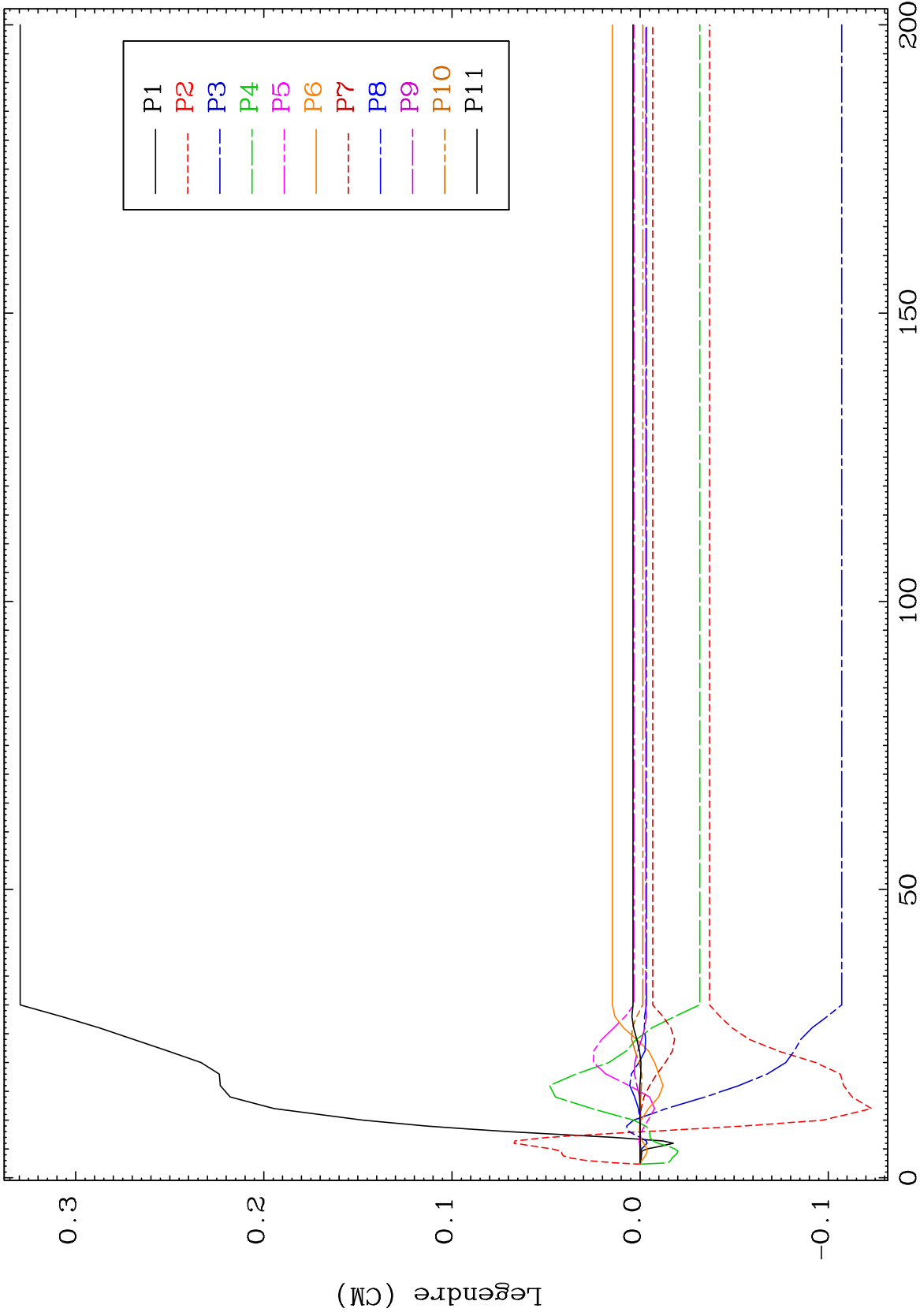
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



66

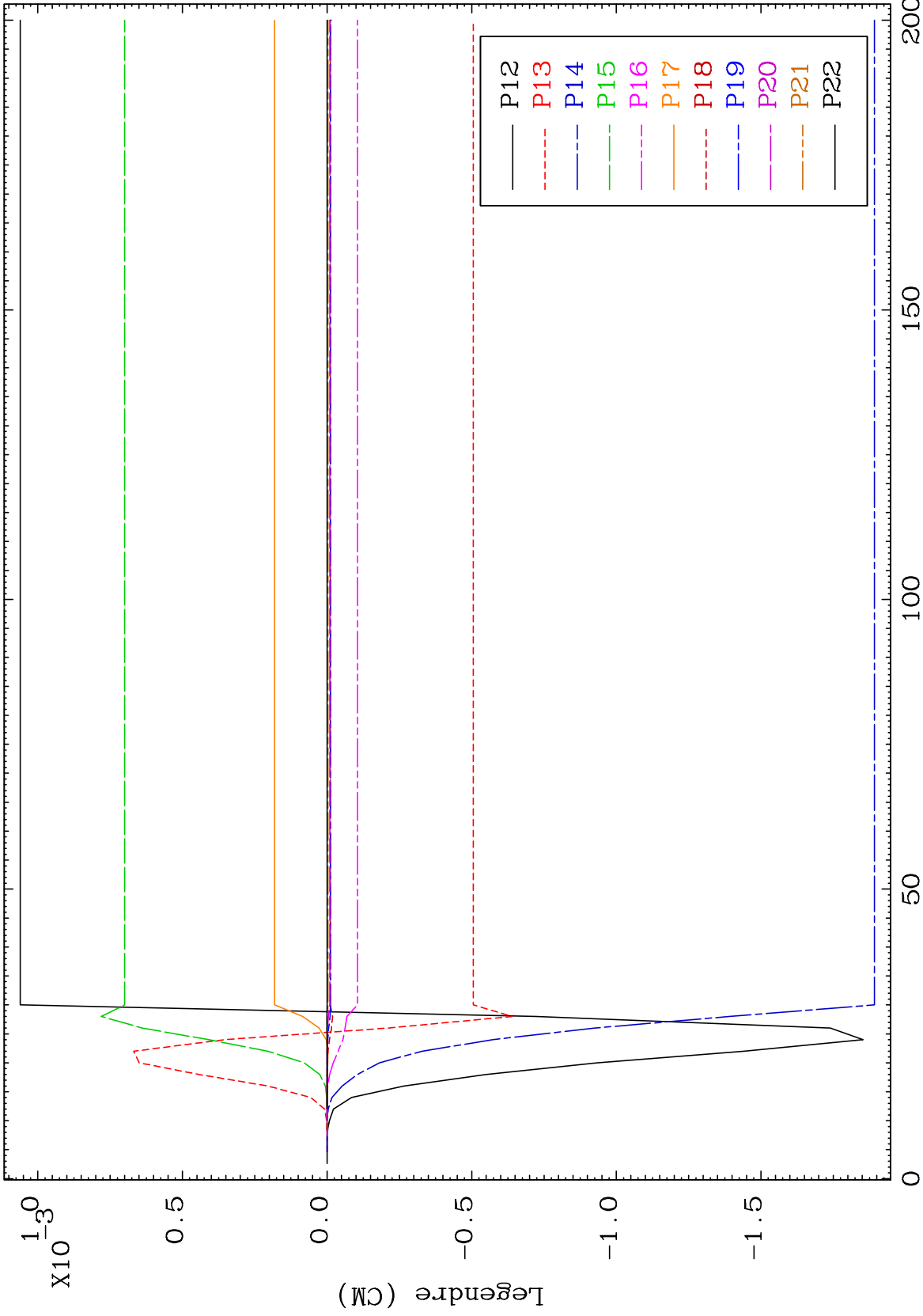
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



67

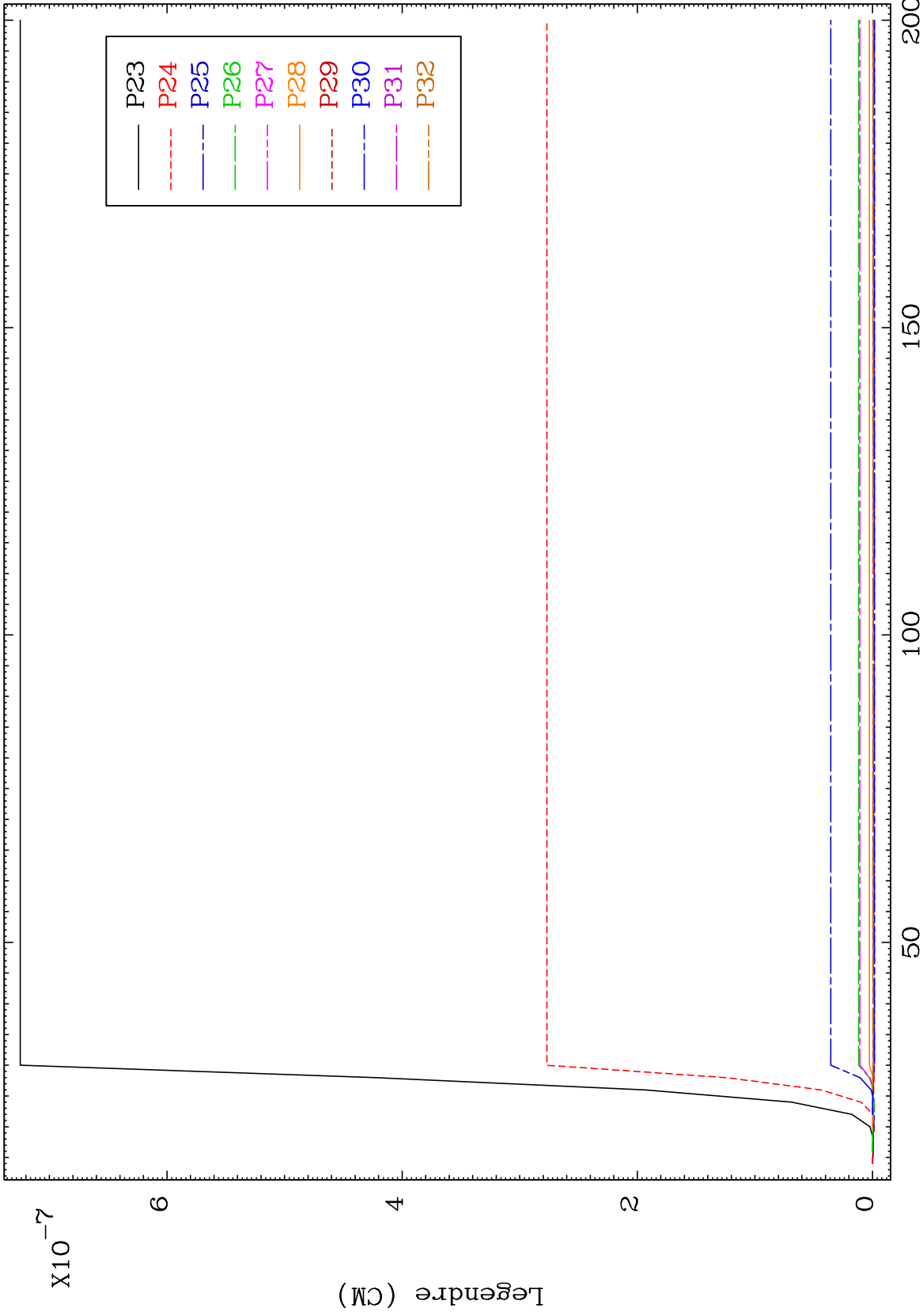
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



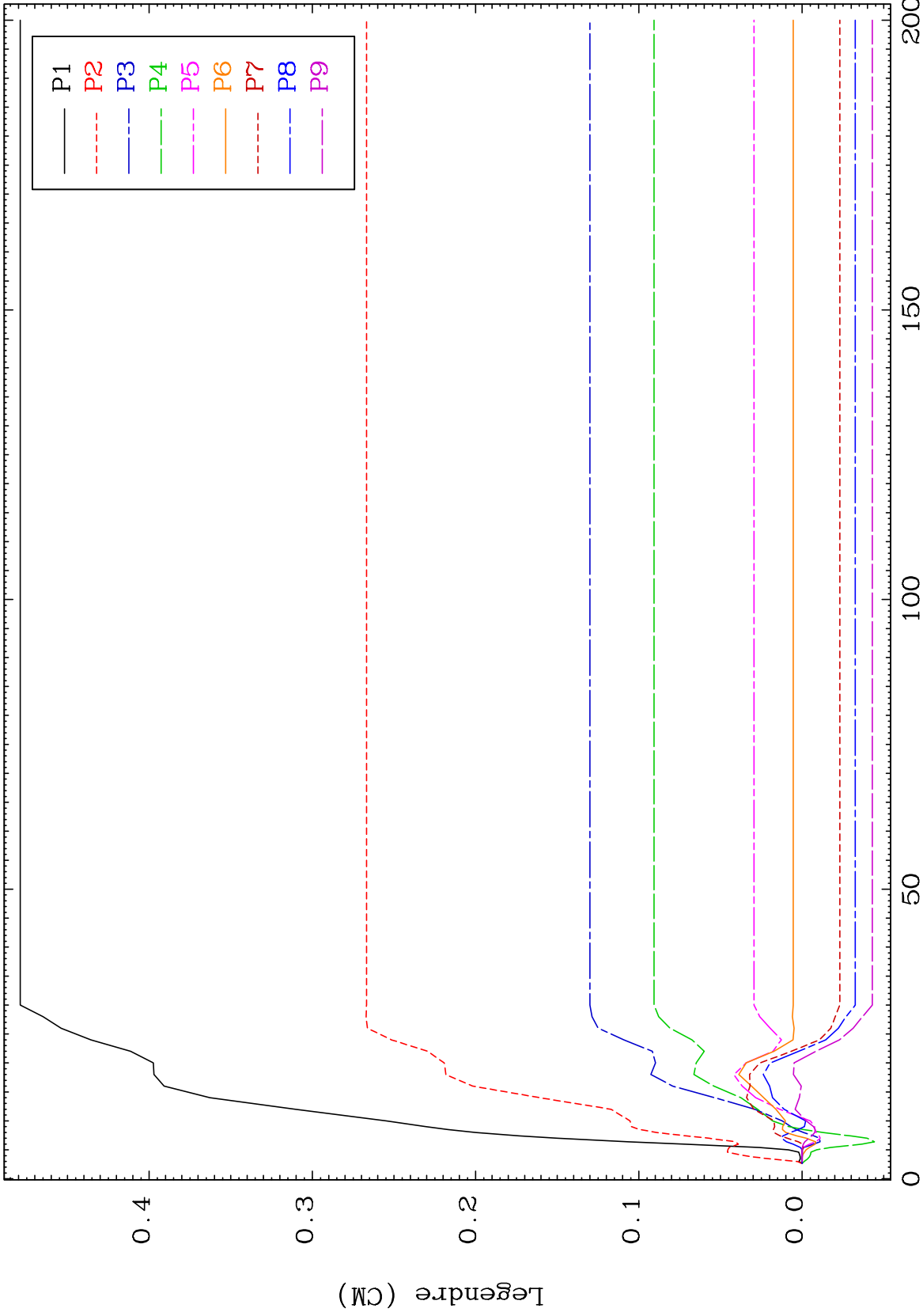
68

54-Xe-142

MAT 5479

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

54-Xe-142



69

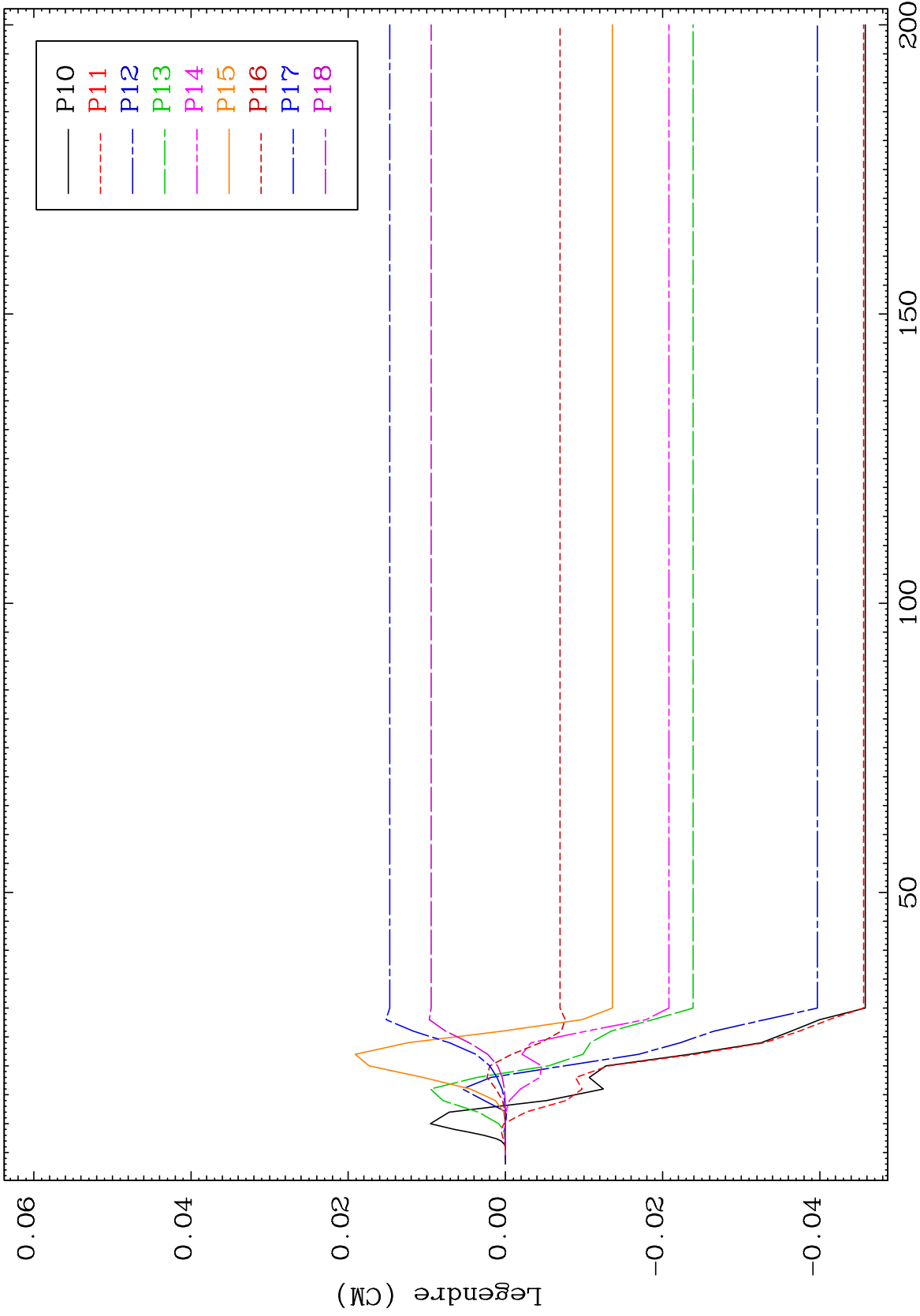
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



70

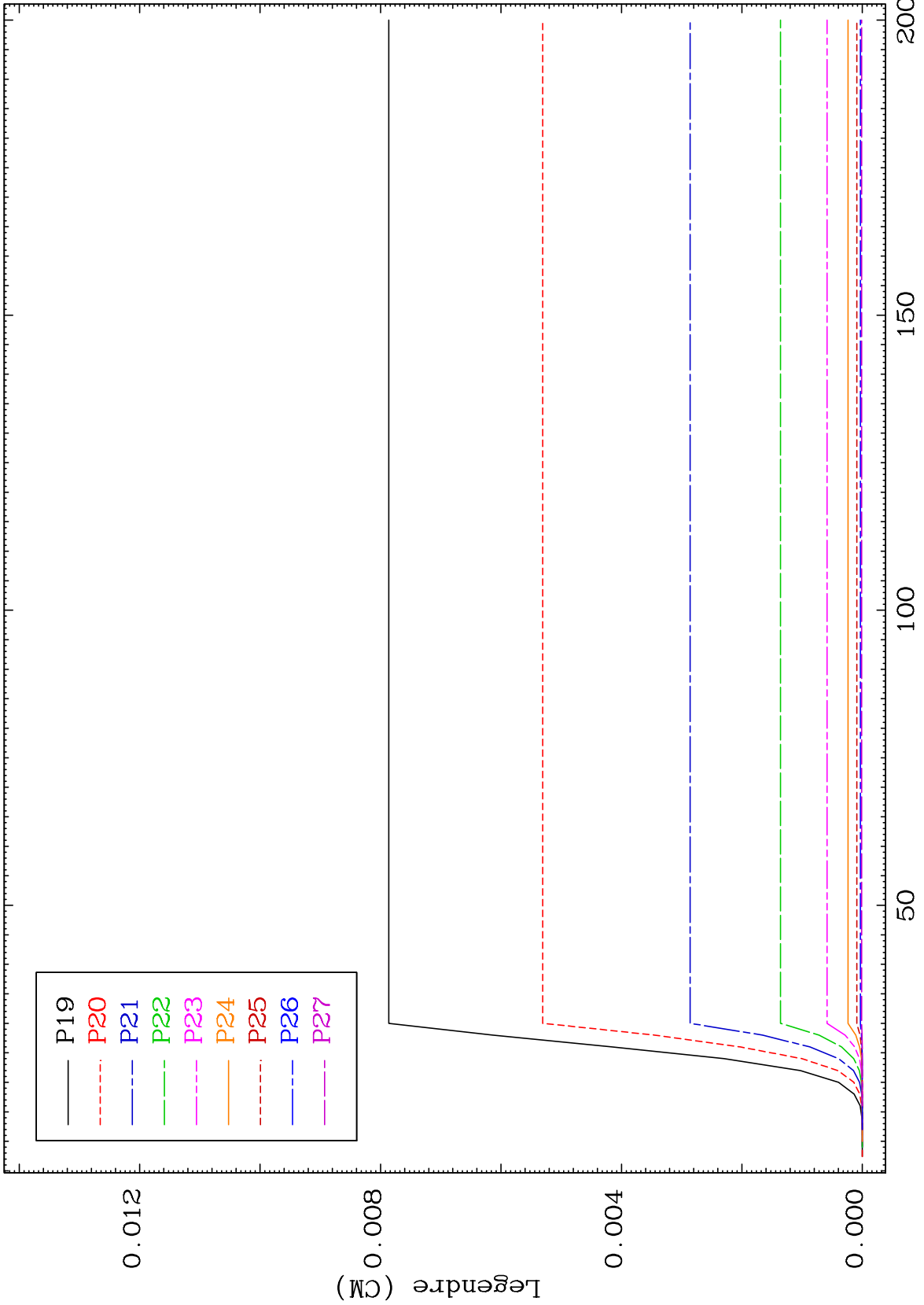
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



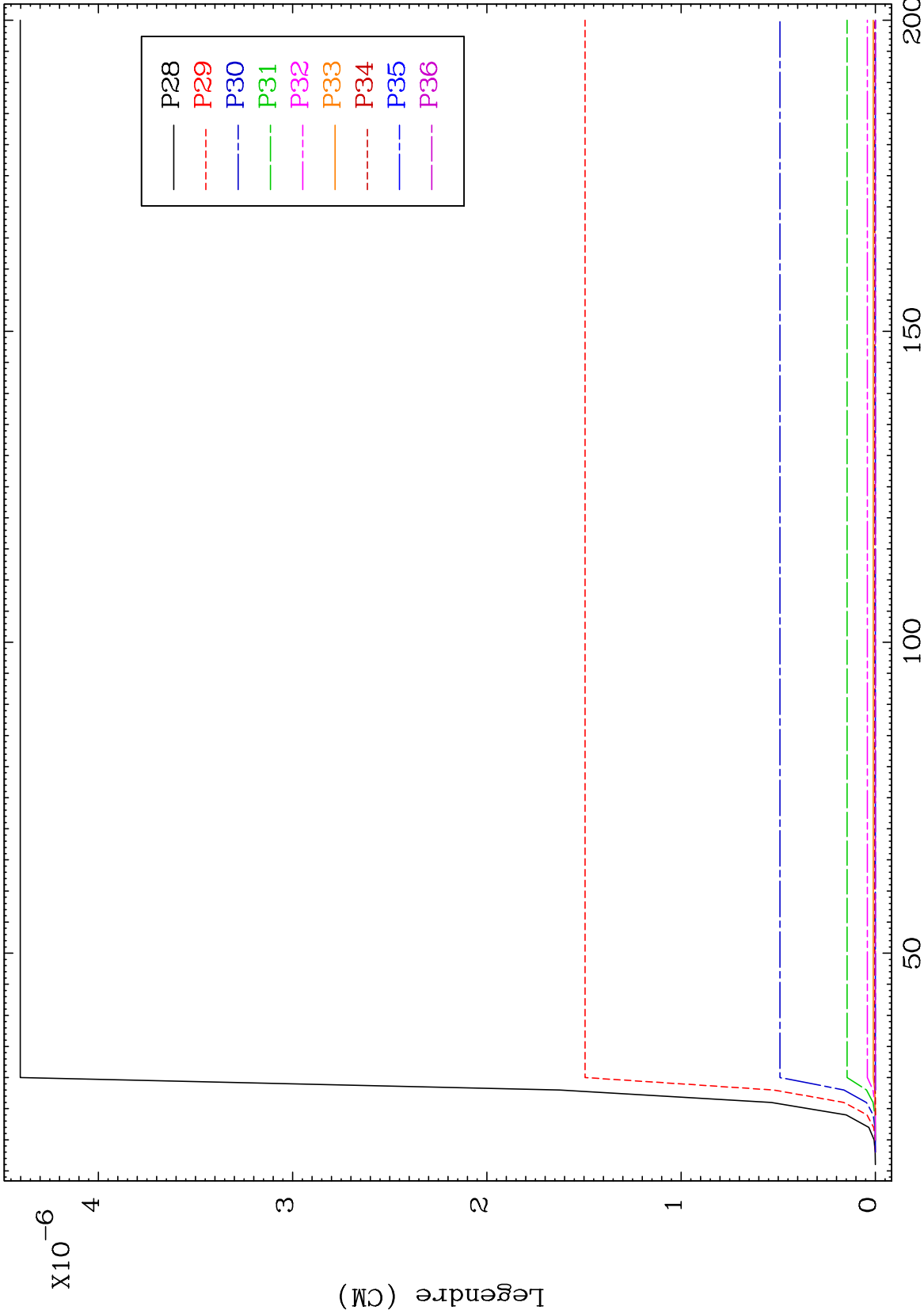
71

54-Xe-142

MAT 5479

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

54-Xe-142



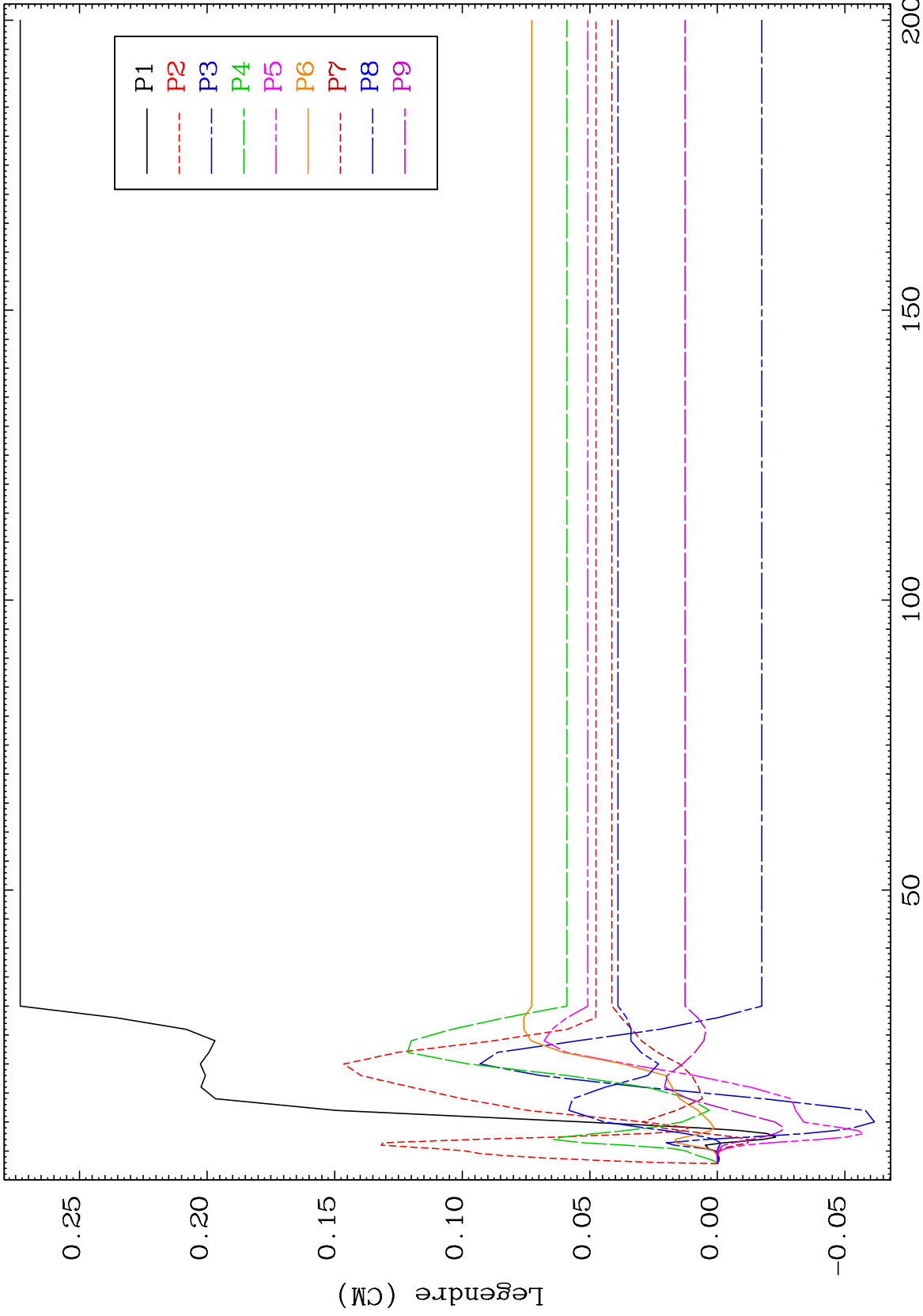
72

54-Xe-142

MAT 5479

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

54-Xe-142



73

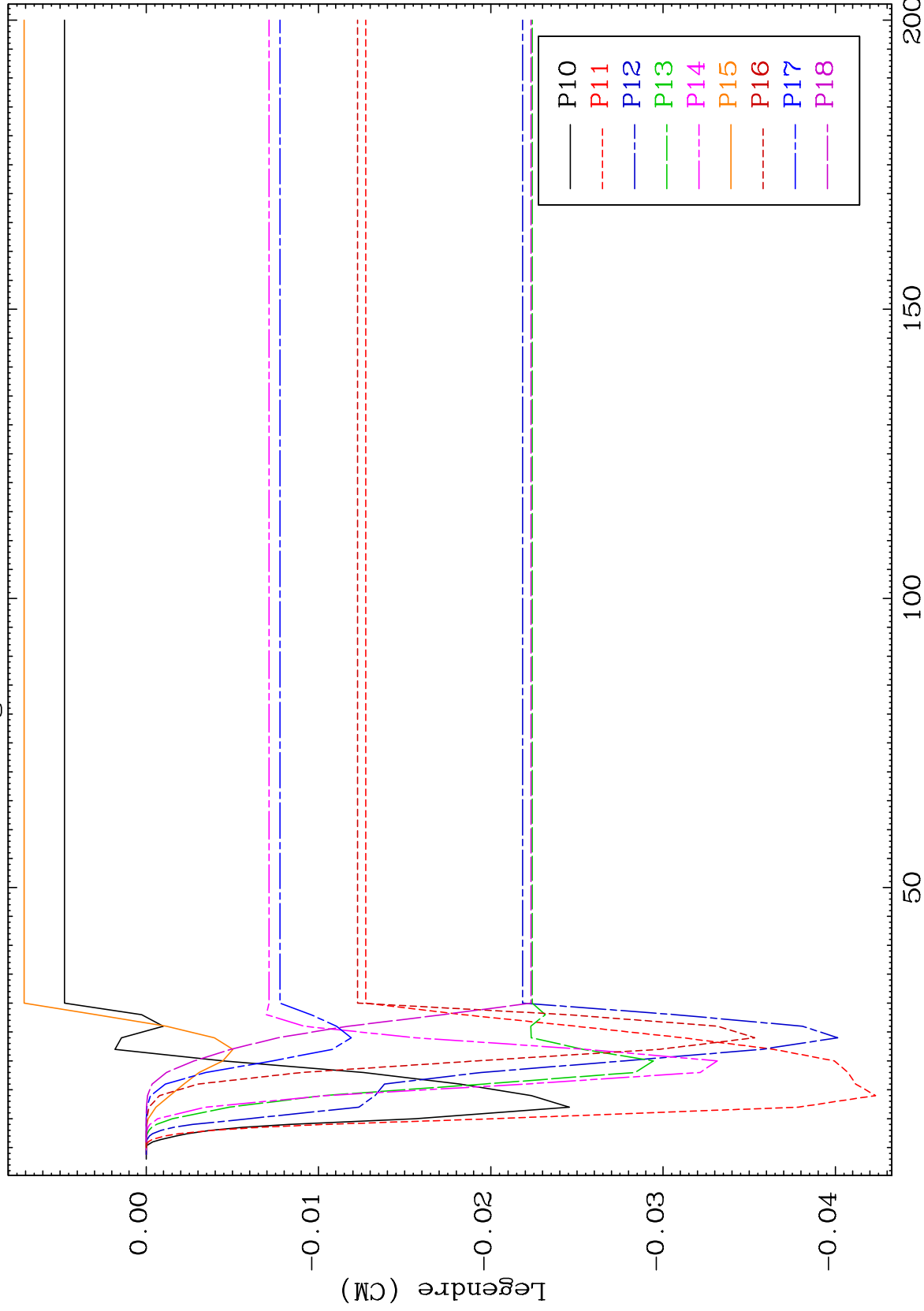
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142

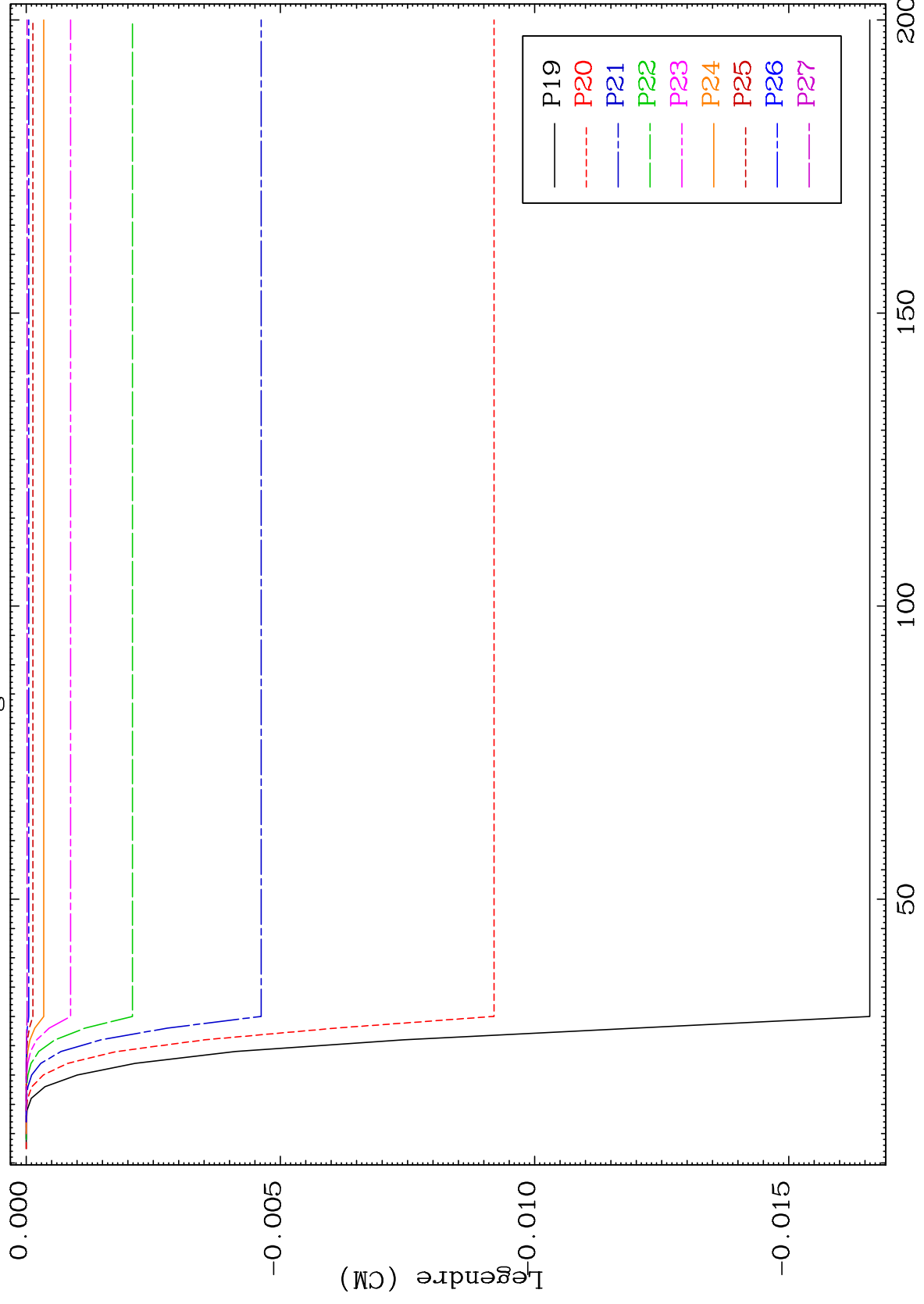


74

Incident Energy (MeV)

54-Xe-142

MAT 5479 MT= 65 (n,n') Level Legendre Coefficients 54-Xe-142

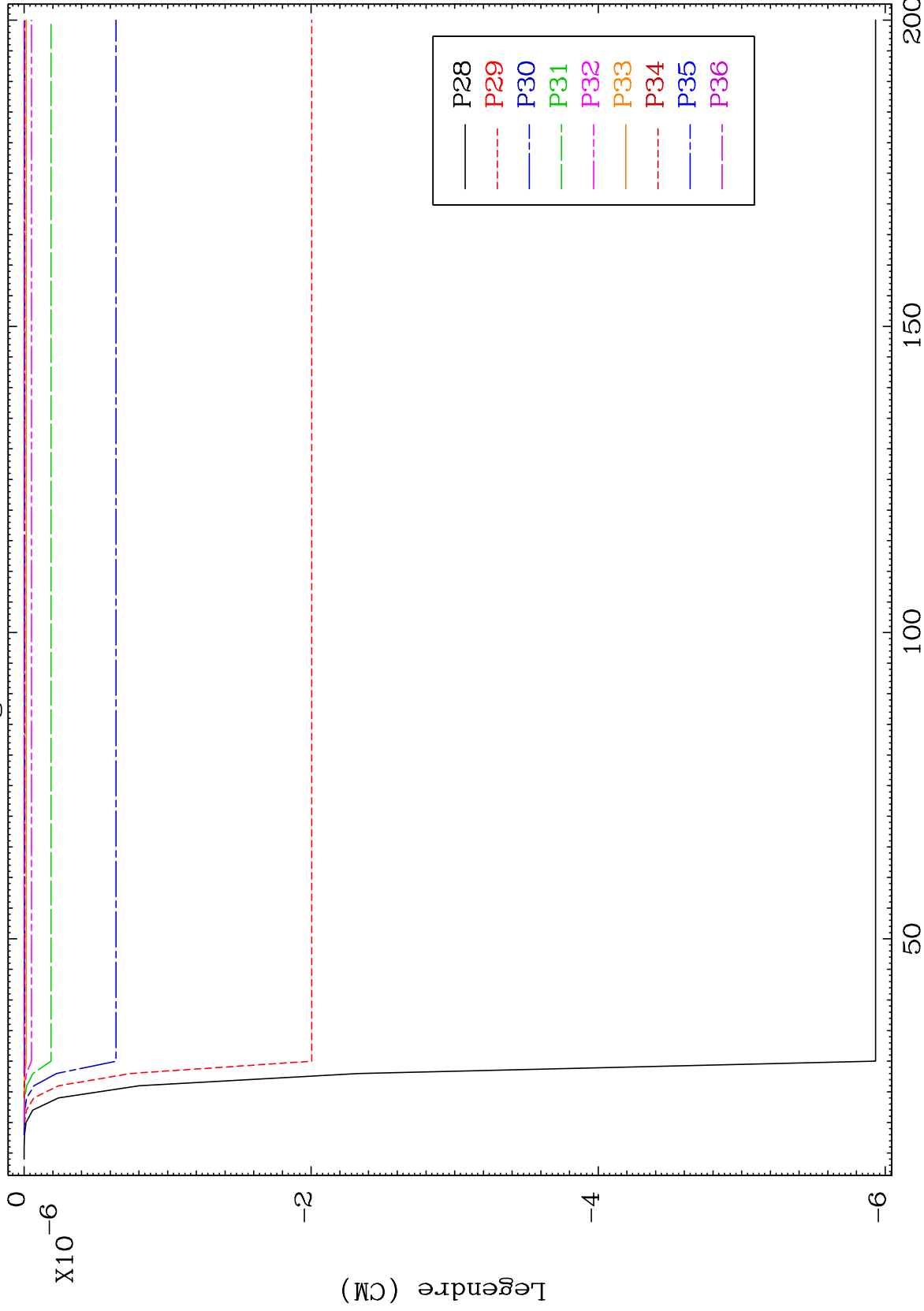


75 50 100 150 200 Incident Energy (MeV) 54-Xe-142

MAT 5479

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

54-Xe-142



76

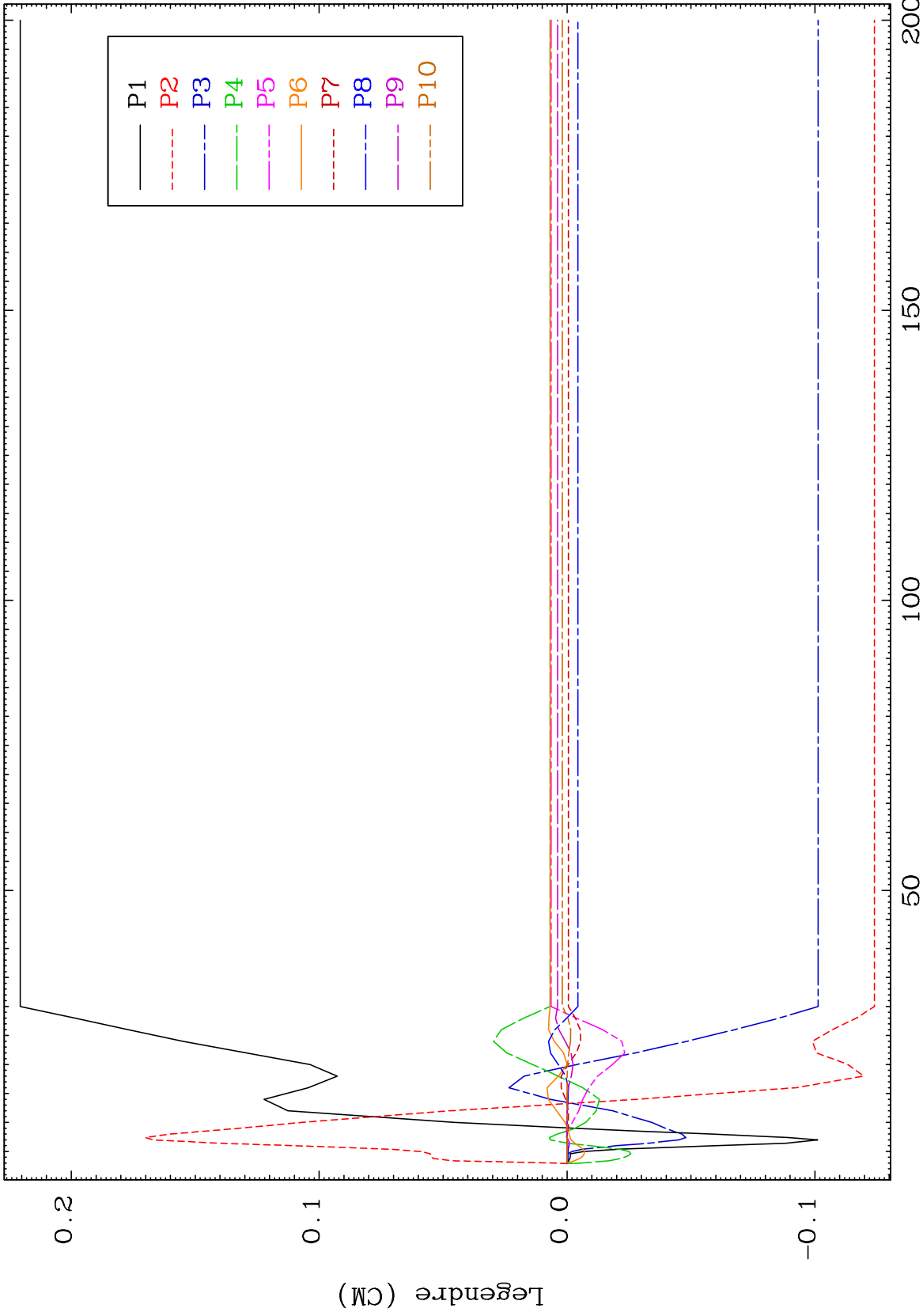
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



77

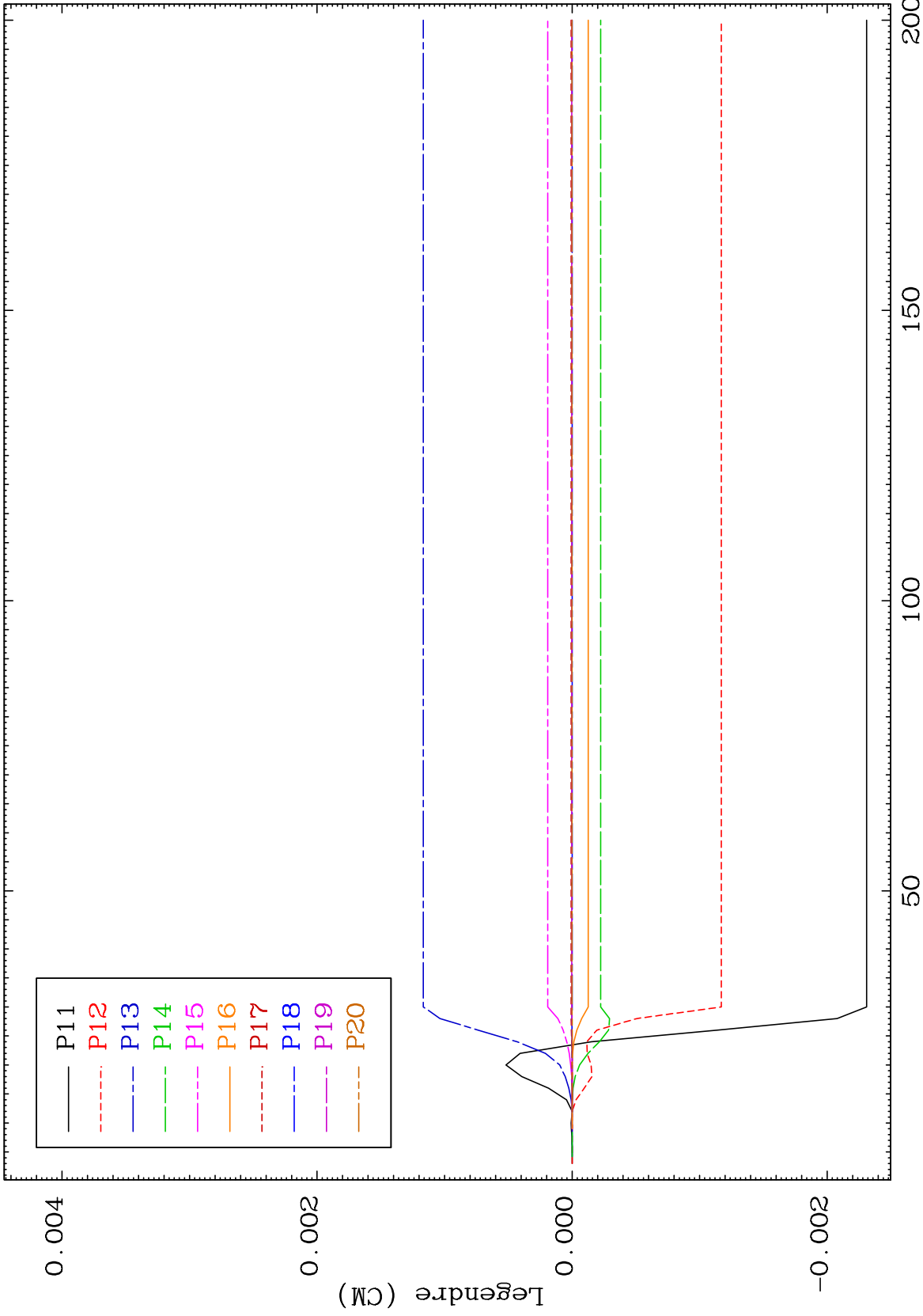
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



78

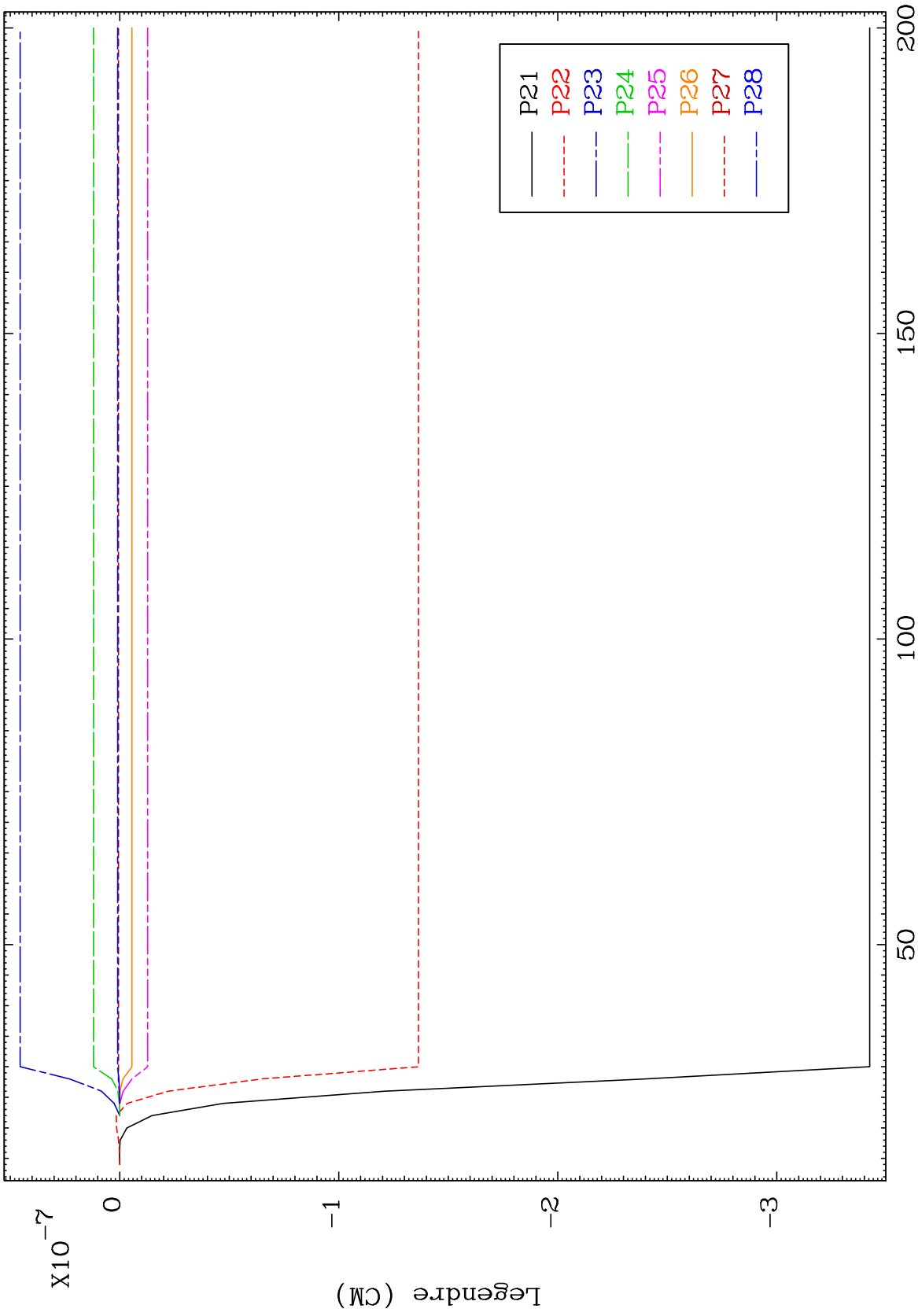
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



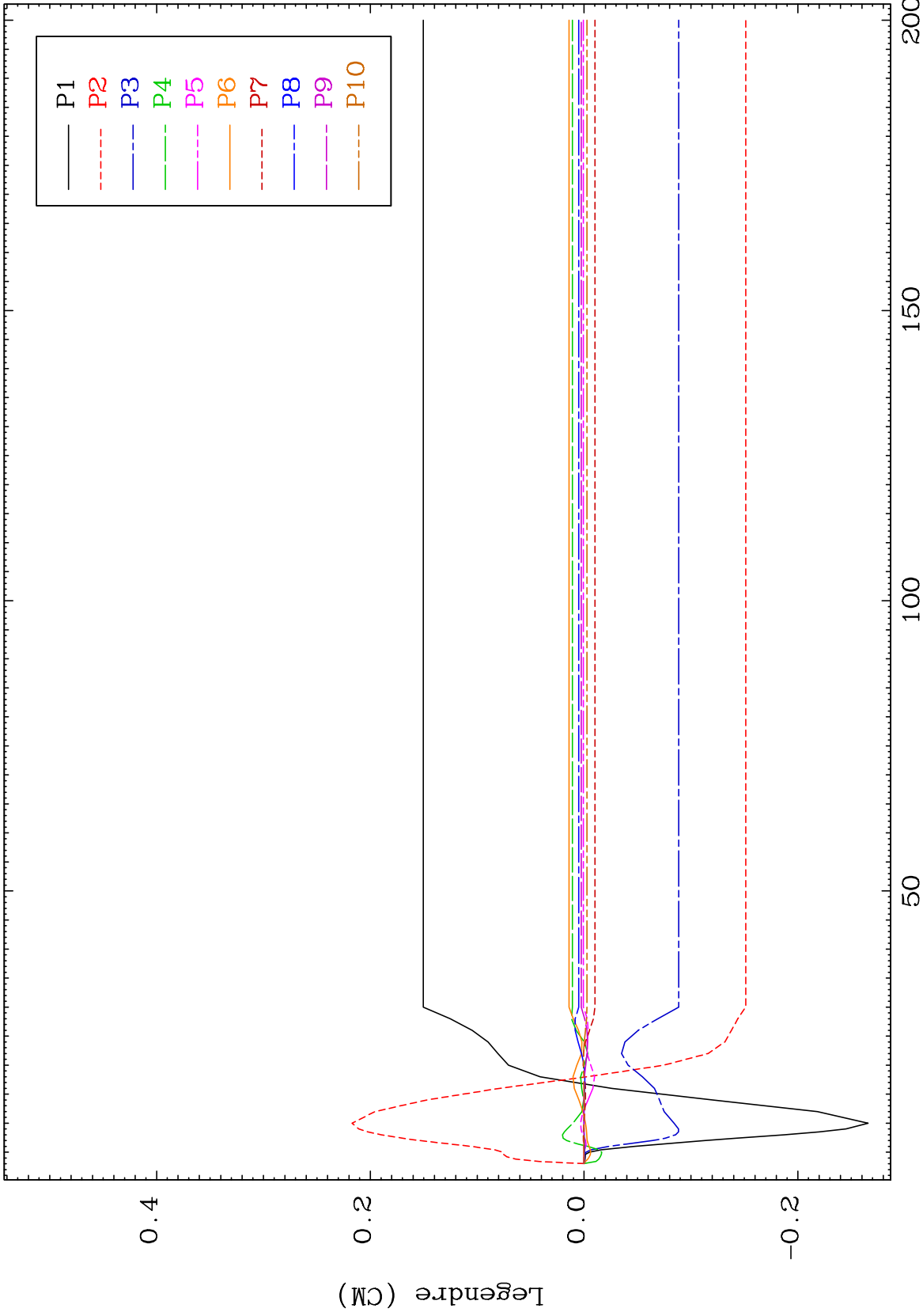
79

54-Xe-142

MAT 5479

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

54-Xe-142



80

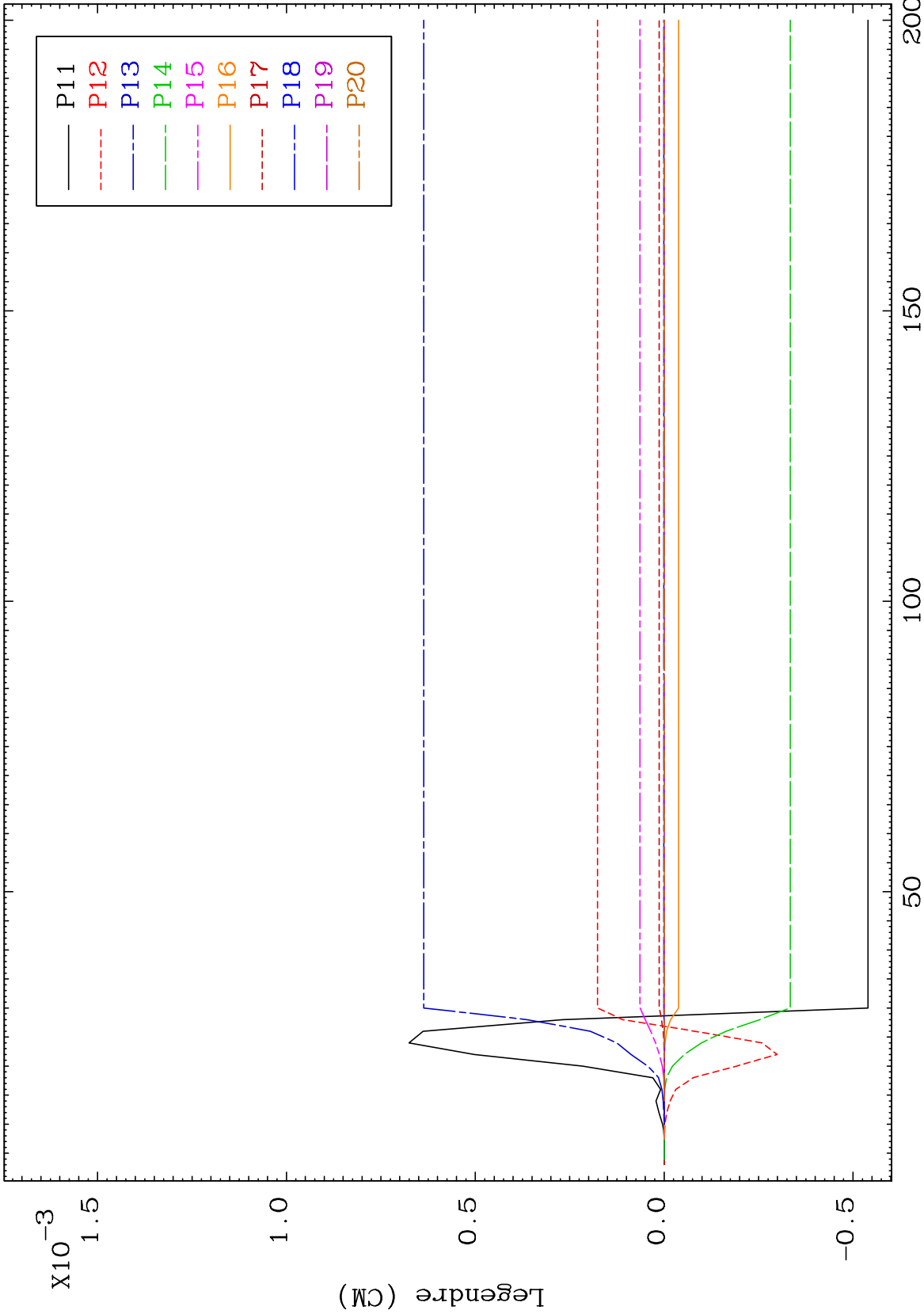
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



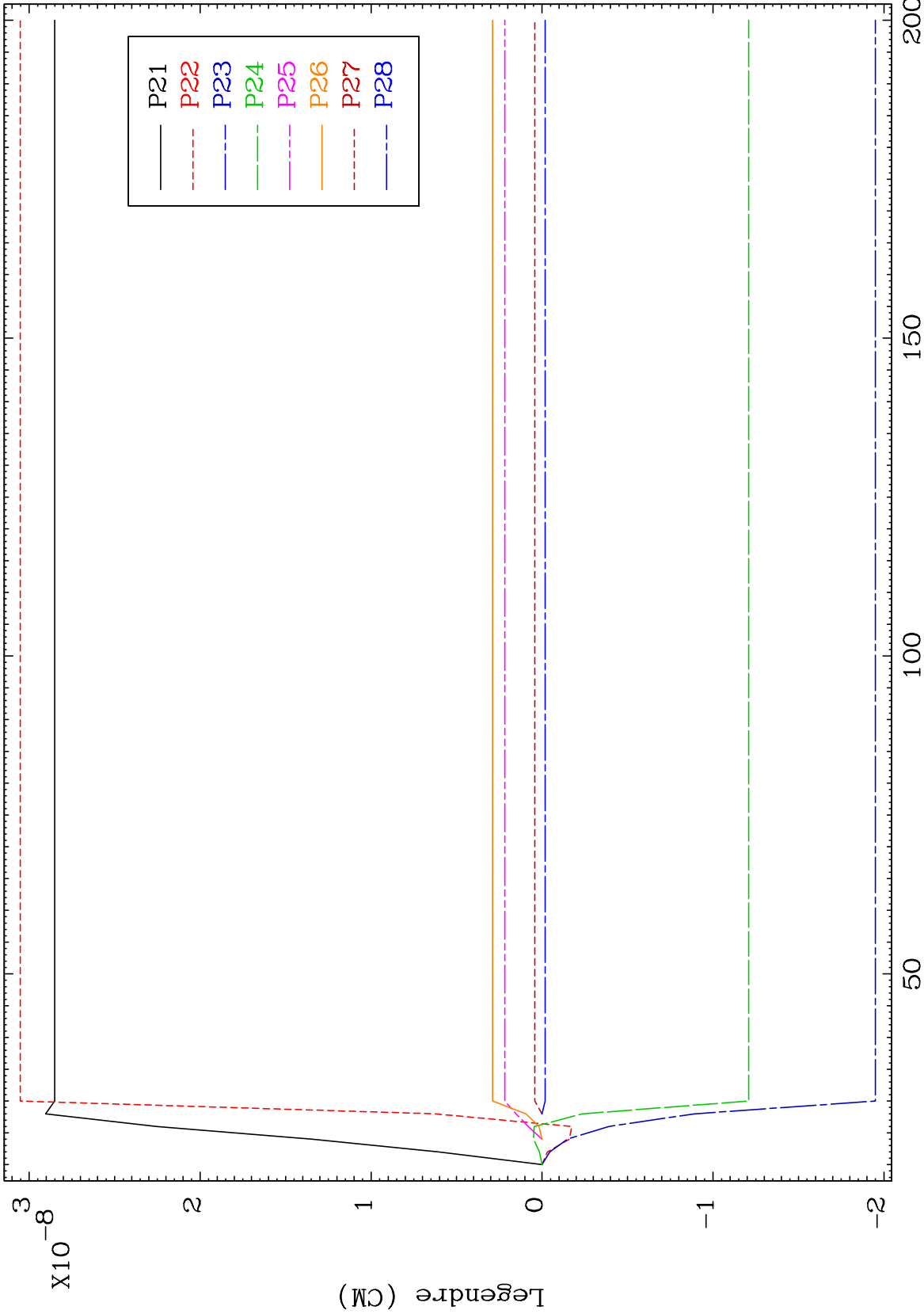
81

54-Xe-142

MAT 5479

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

54-Xe-142



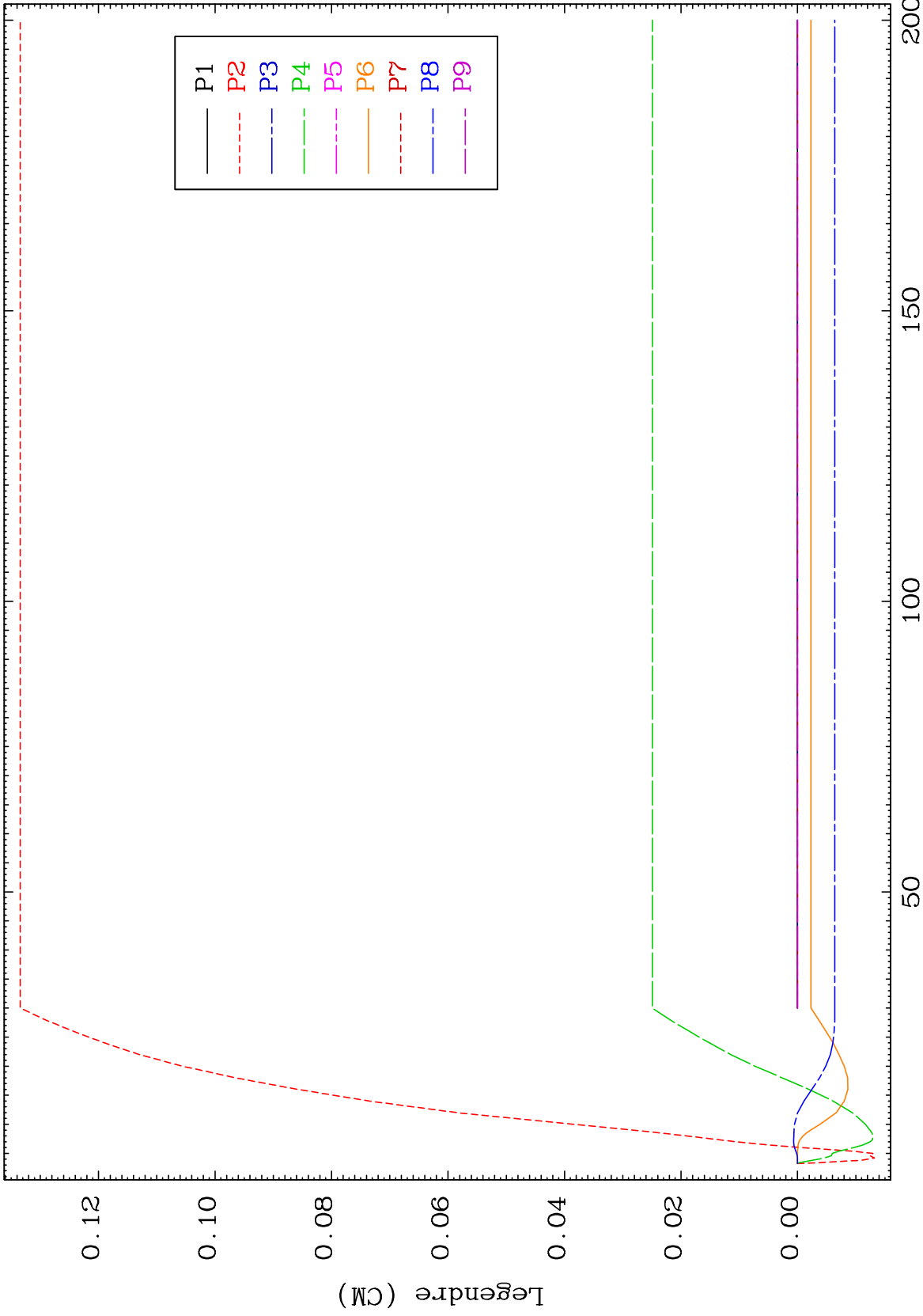
82

54-Xe-142

MAT 5479

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

54-Xe-142



83

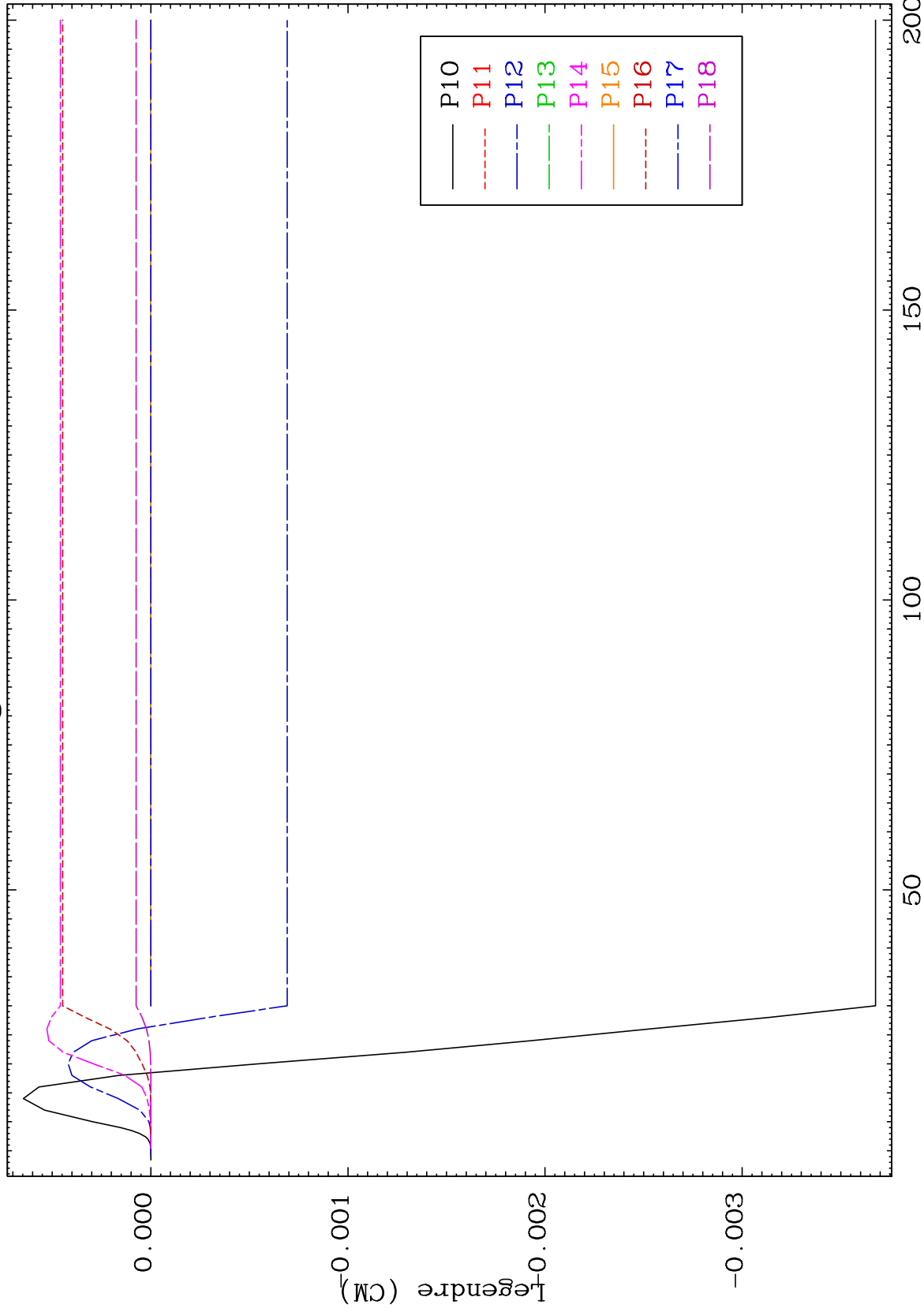
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



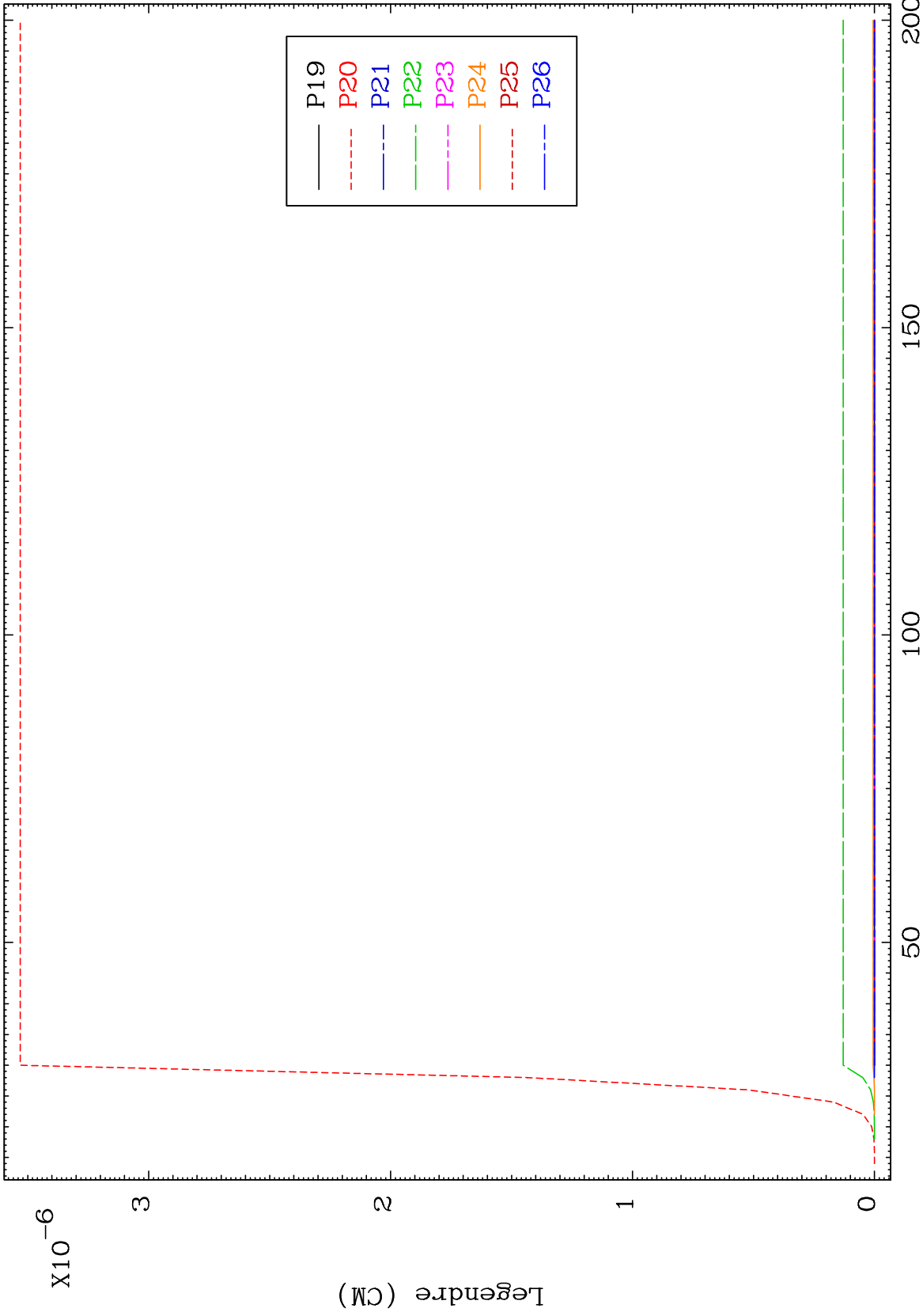
84

54-Xe-142

MAT 5479

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

54-Xe-142



85

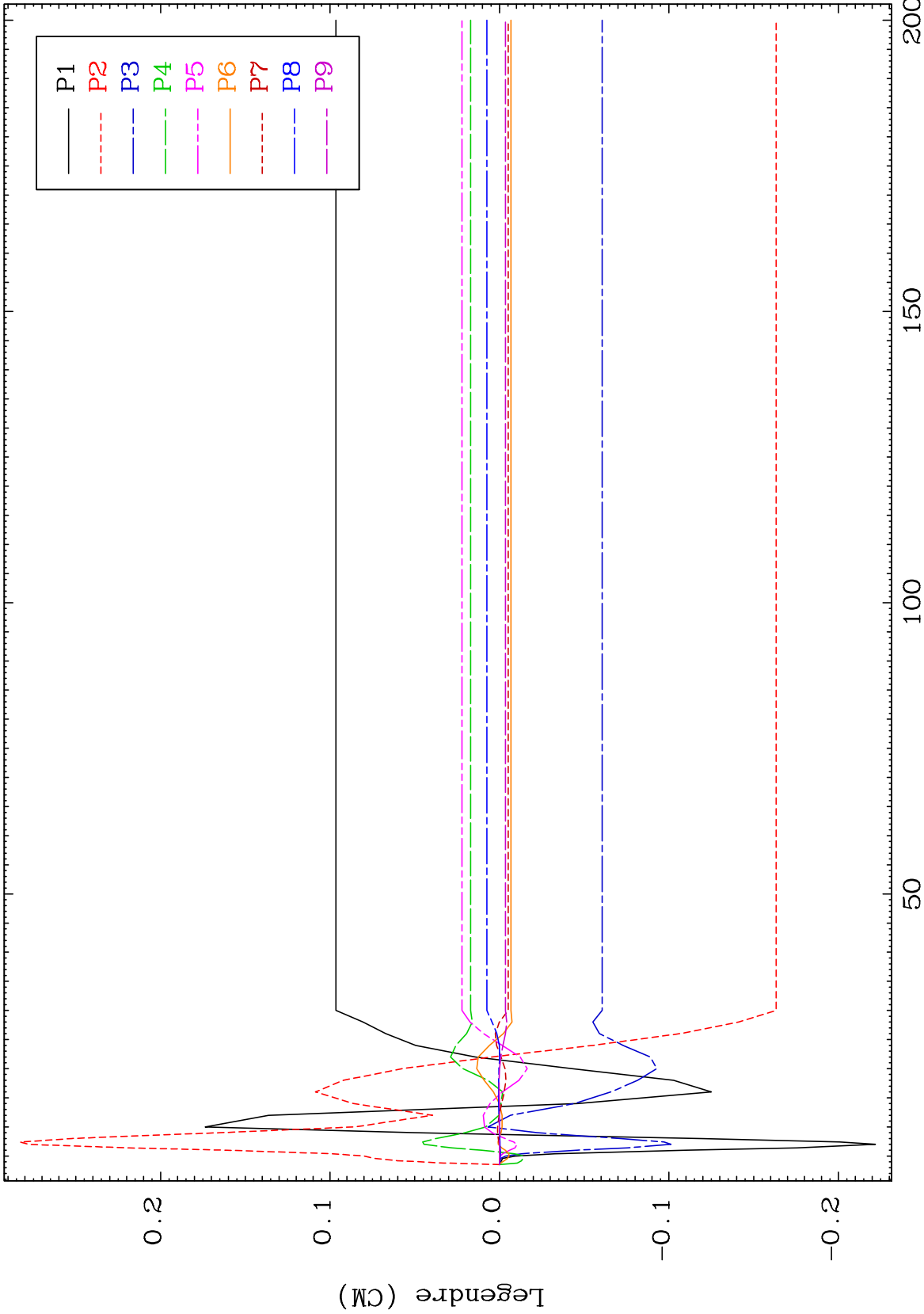
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



86

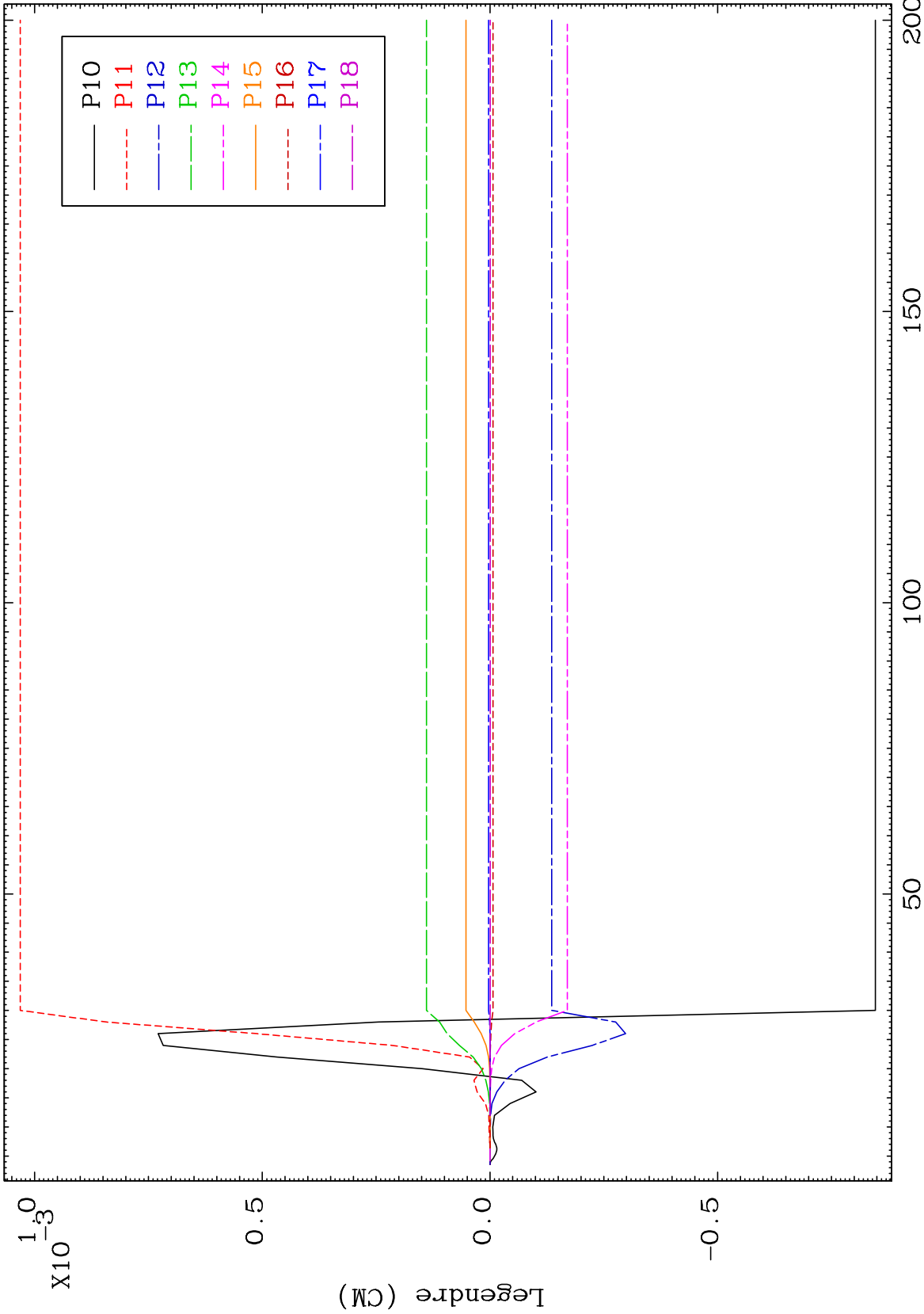
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



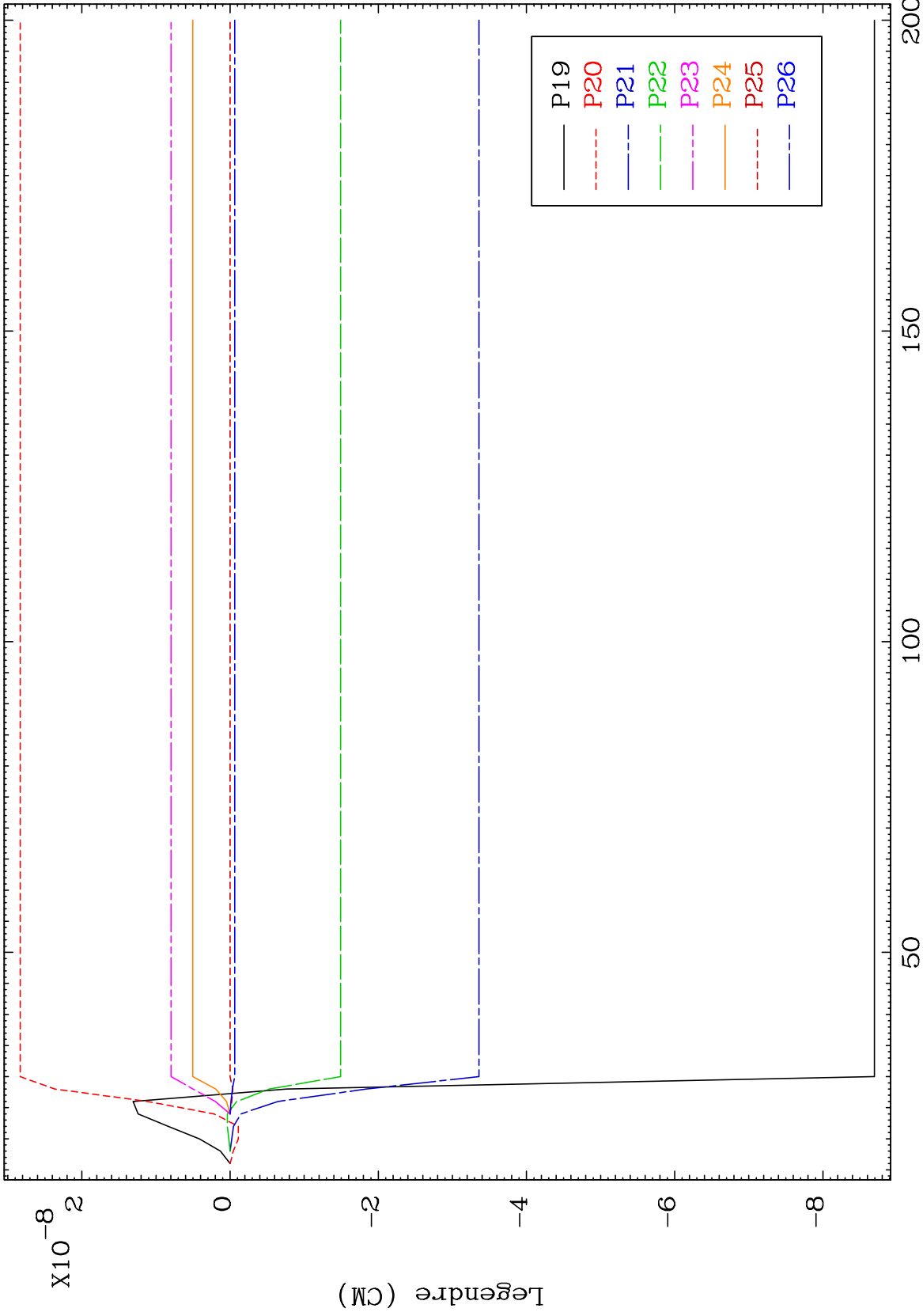
87

54-Xe-142

MAT 5479

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

54-Xe-142



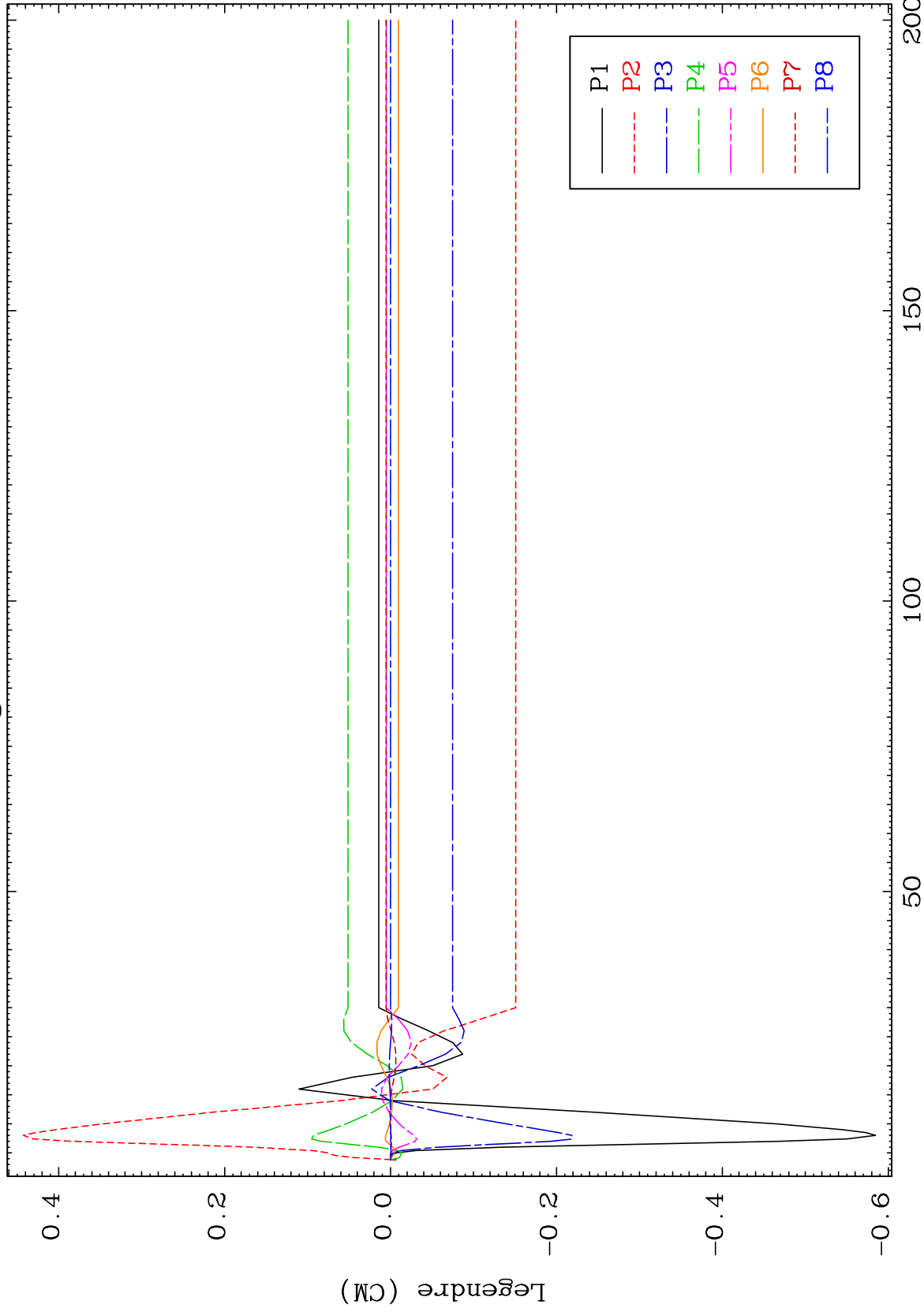
88

54-Xe-142

MAT 5479

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

54-Xe-142



89

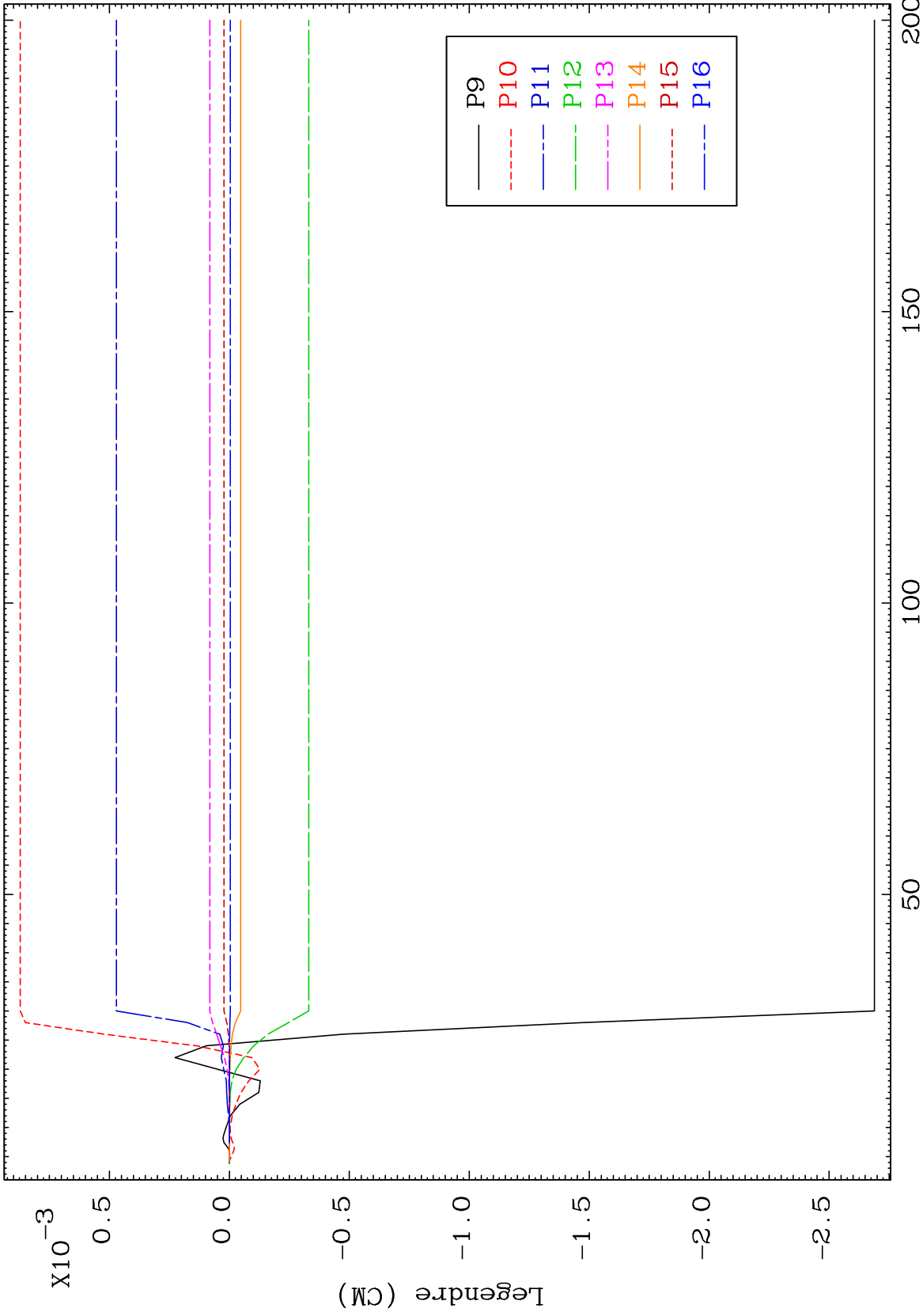
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



90

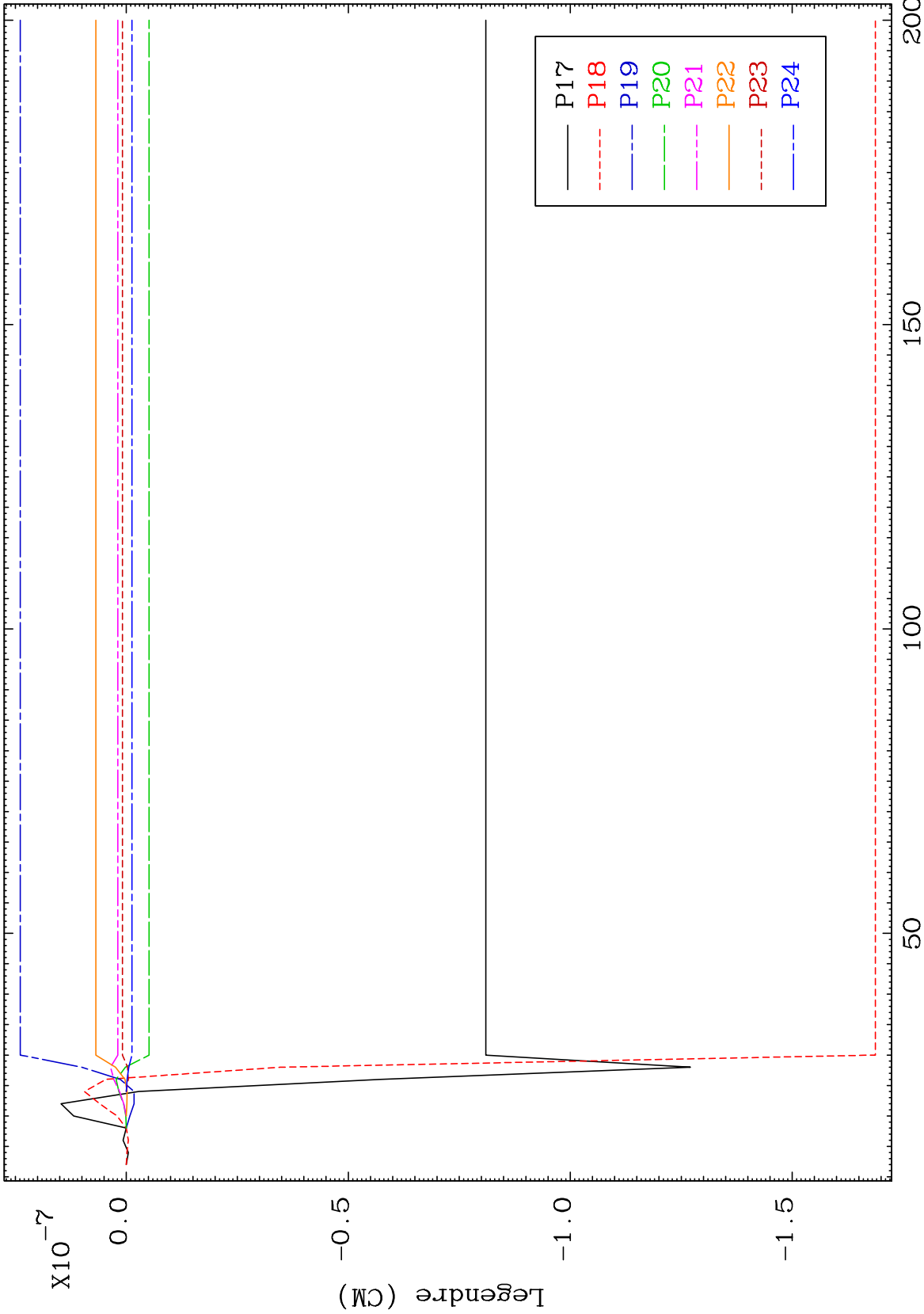
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

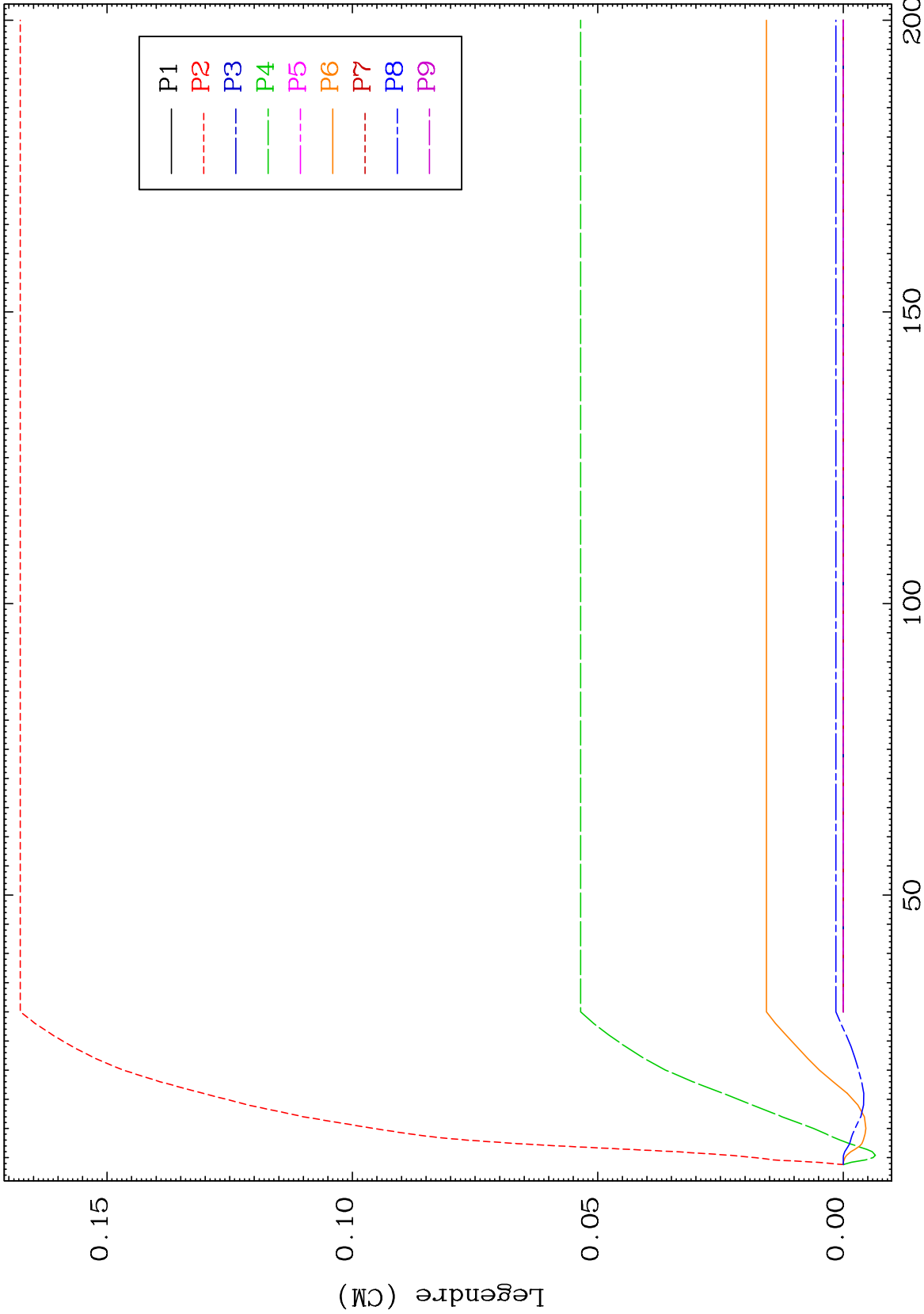
54-Xe-142



MAT 5479

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

54-Xe-142



92

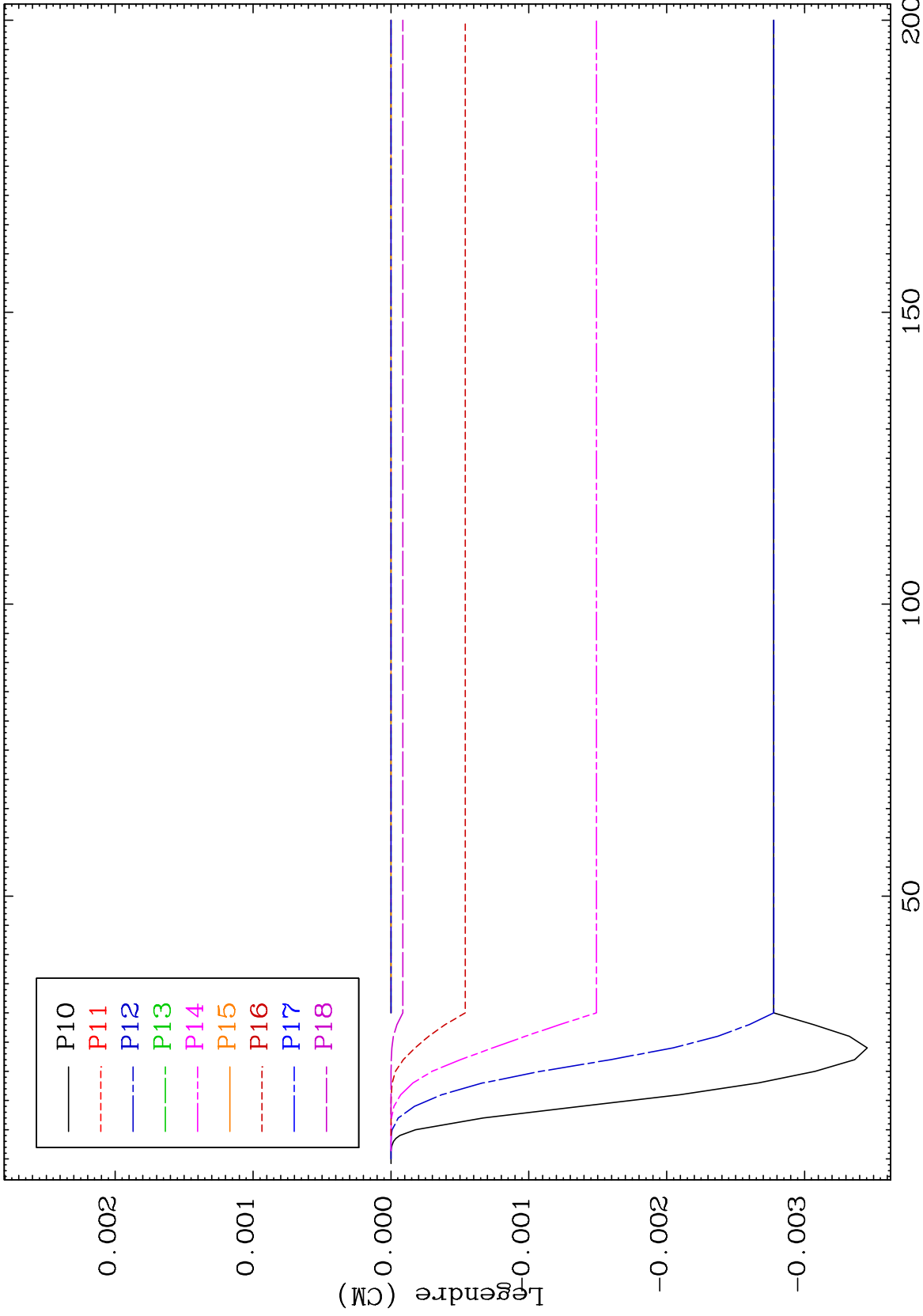
Incident Energy (MeV)

54-Xe-142

MAT 5479

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

54-Xe-142



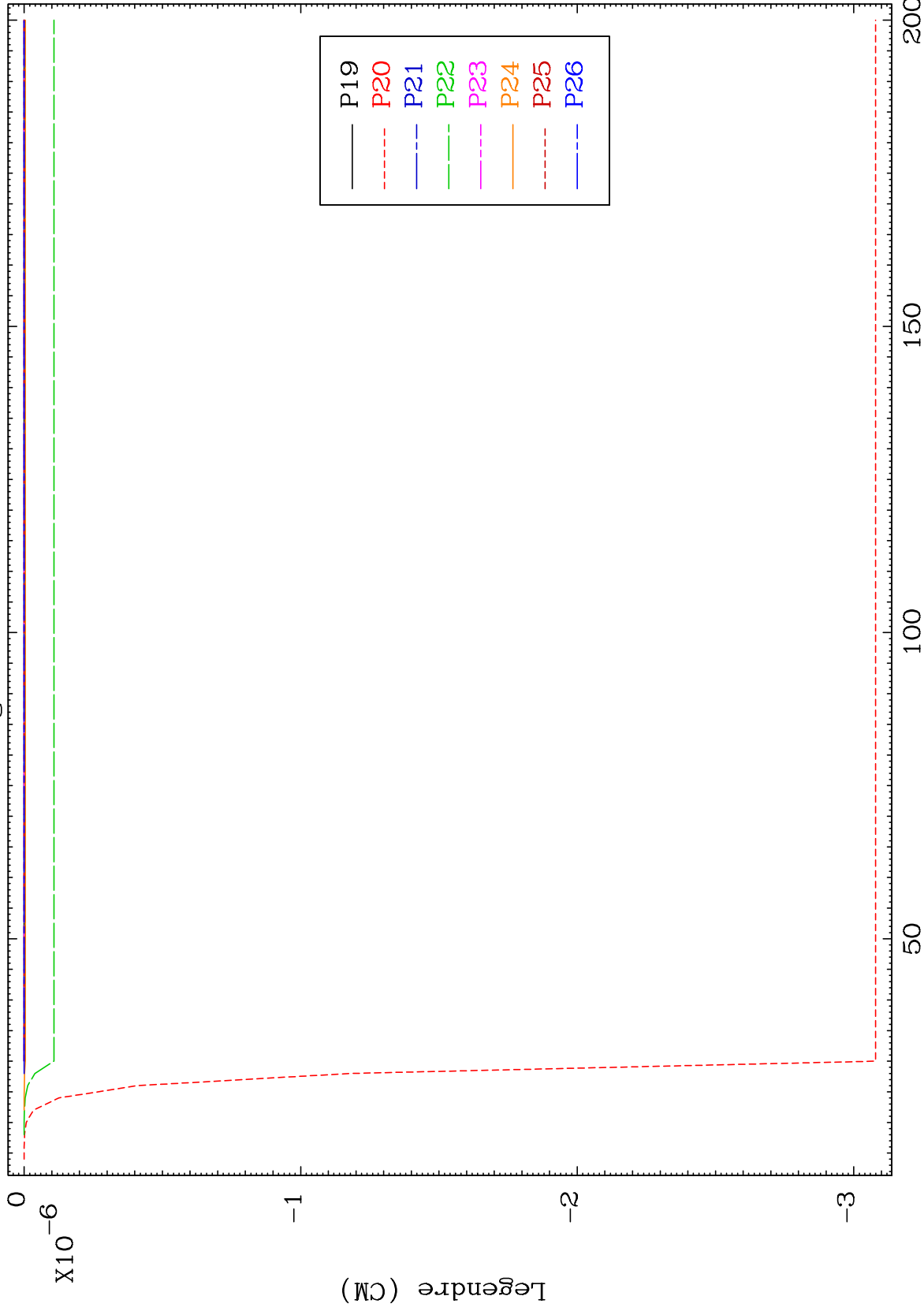
93

54-Xe-142

MAT 5479

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

54-Xe-142



94

Incident Energy (MeV)

54-Xe-142