

Program EVALPLOT
(Version 2021-1)

by

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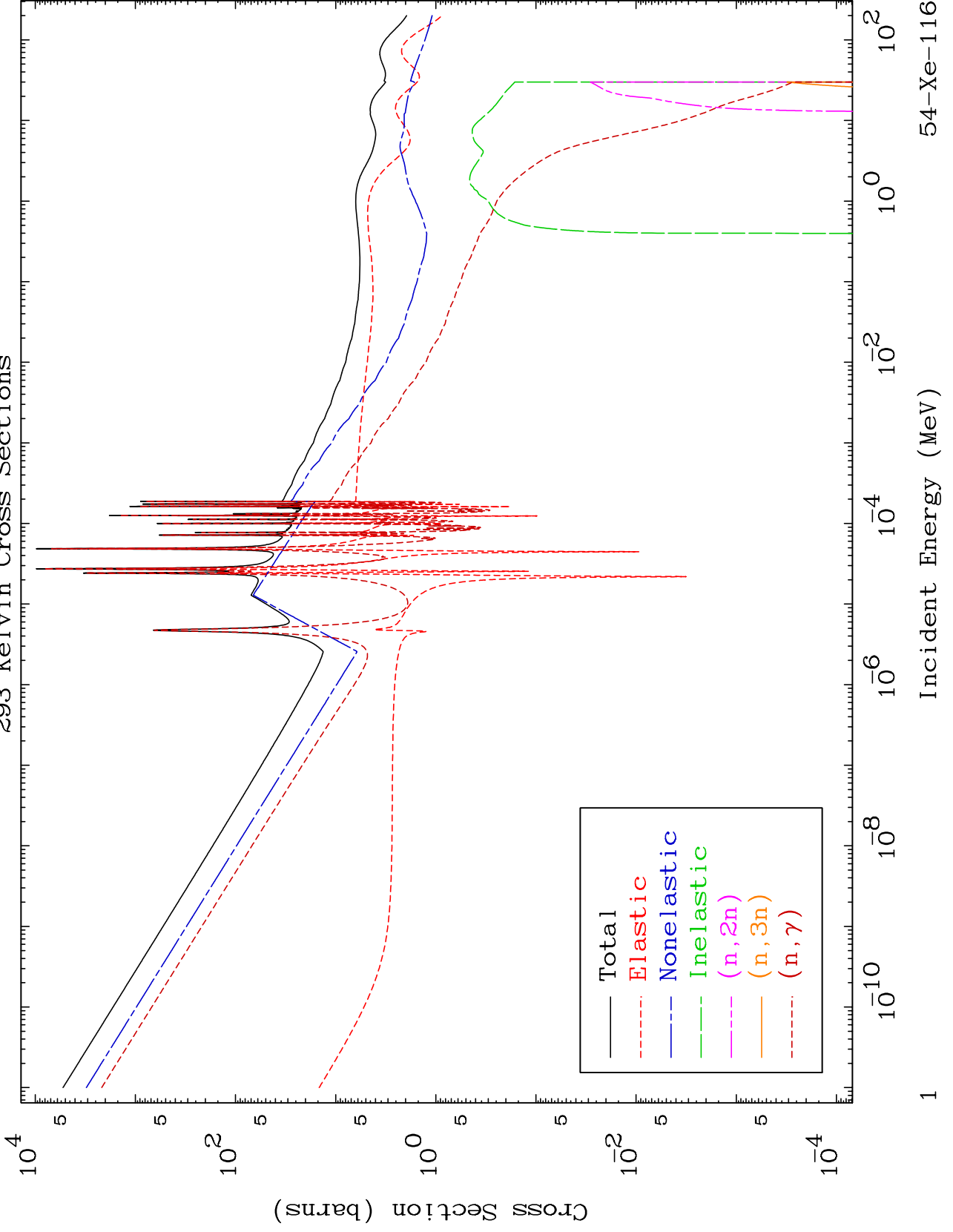
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Press Mouse Button to Start

MAT 5401

Neutron Major
293 Kelvin Cross Sections

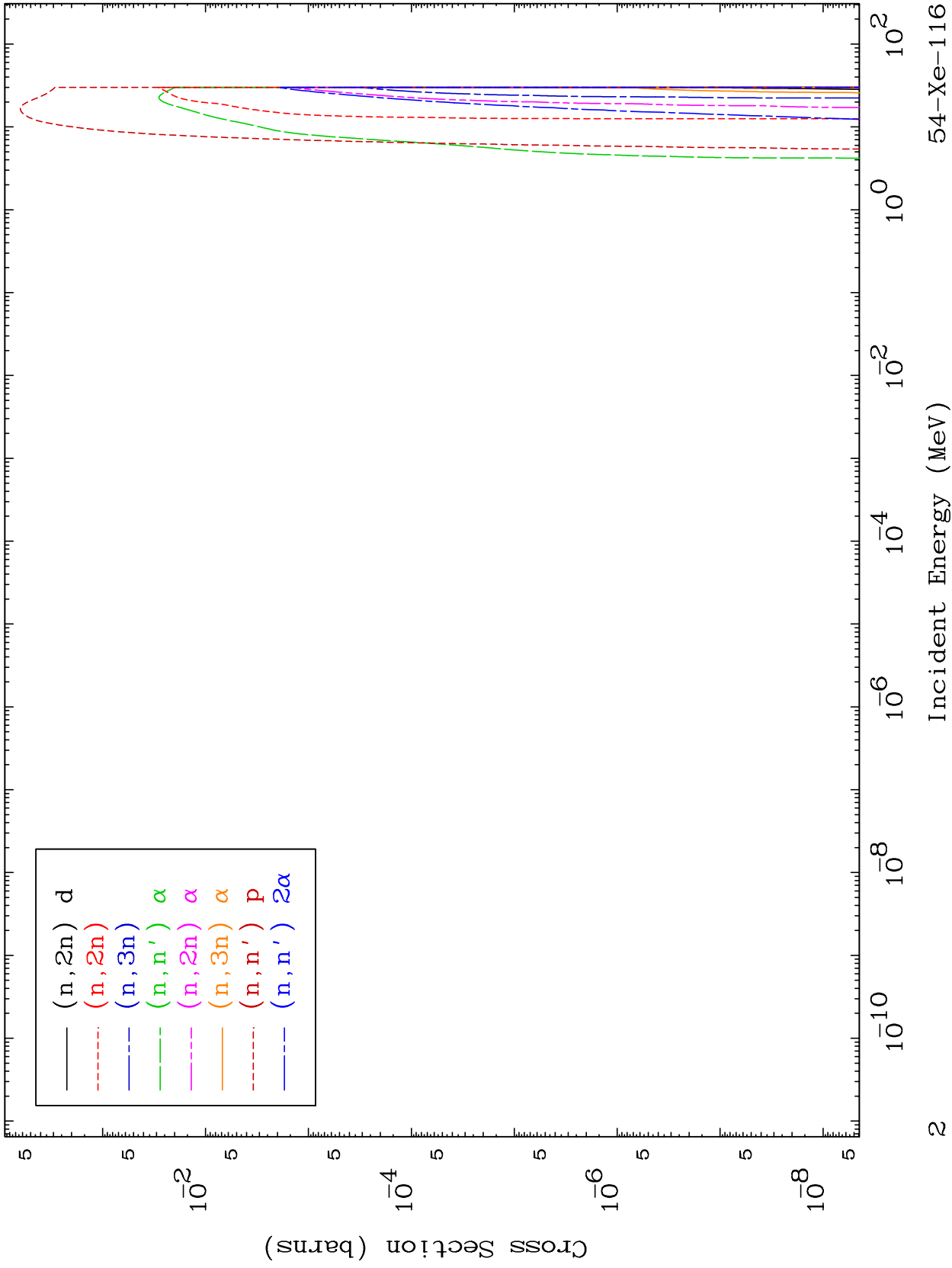
54-Xe-116



MAT 5401

Neutron Absorption
293 Kelvin Cross Sections

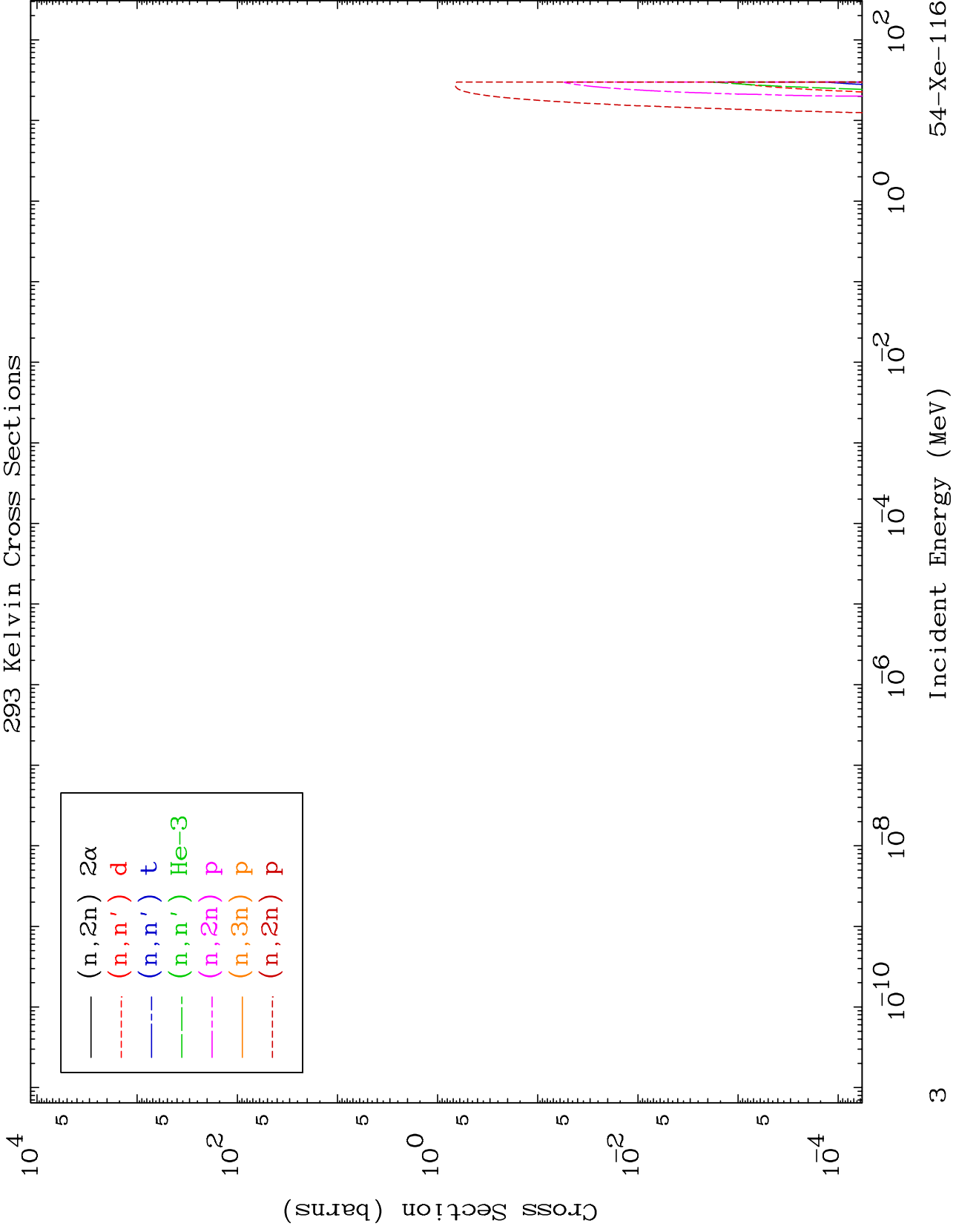
54-Xe-116



MAT 5401

Neutron Absorption
293 Kelvin Cross Sections

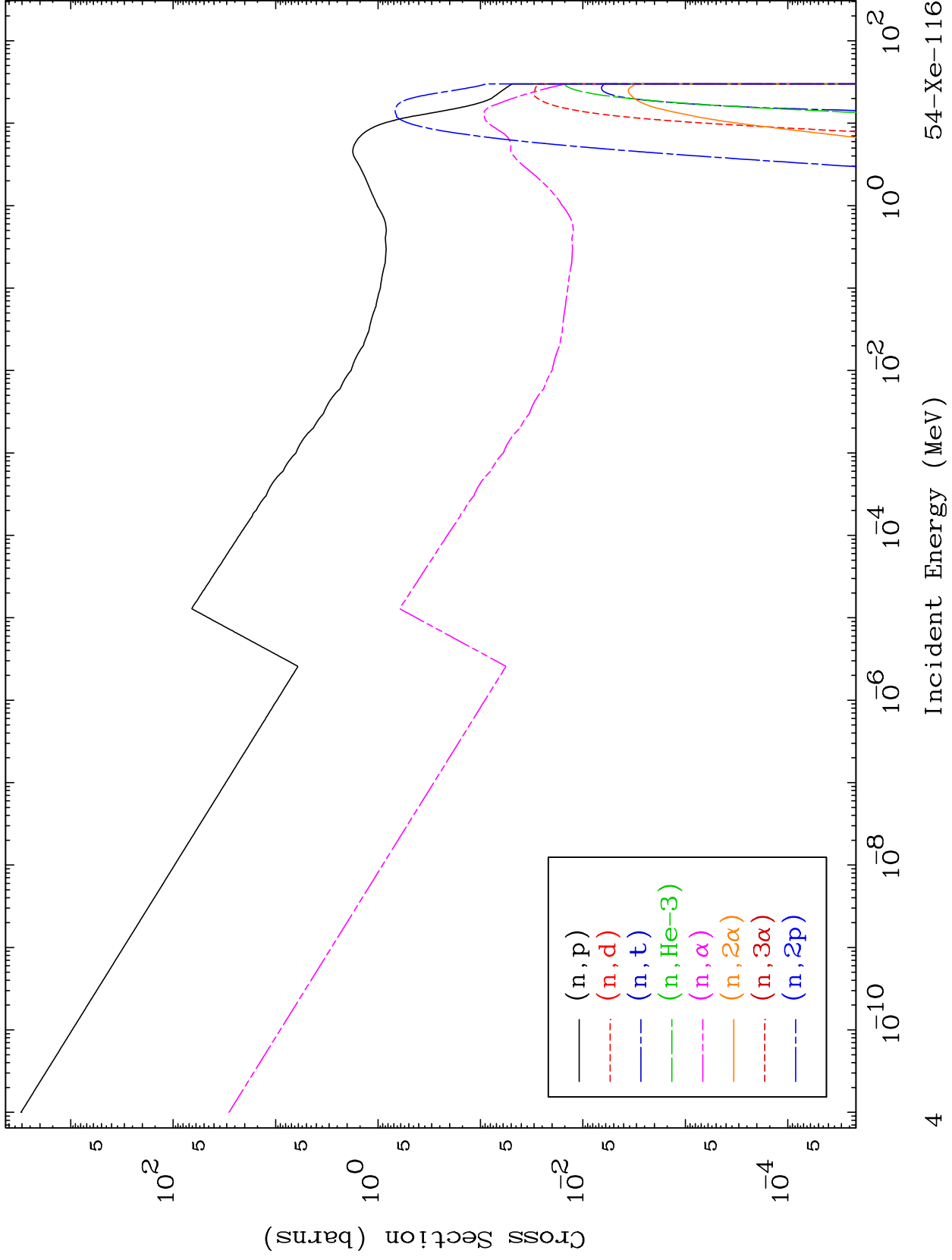
54-Xe-116



MAT 5401

Neutron Absorption
293 Kelvin Cross Sections

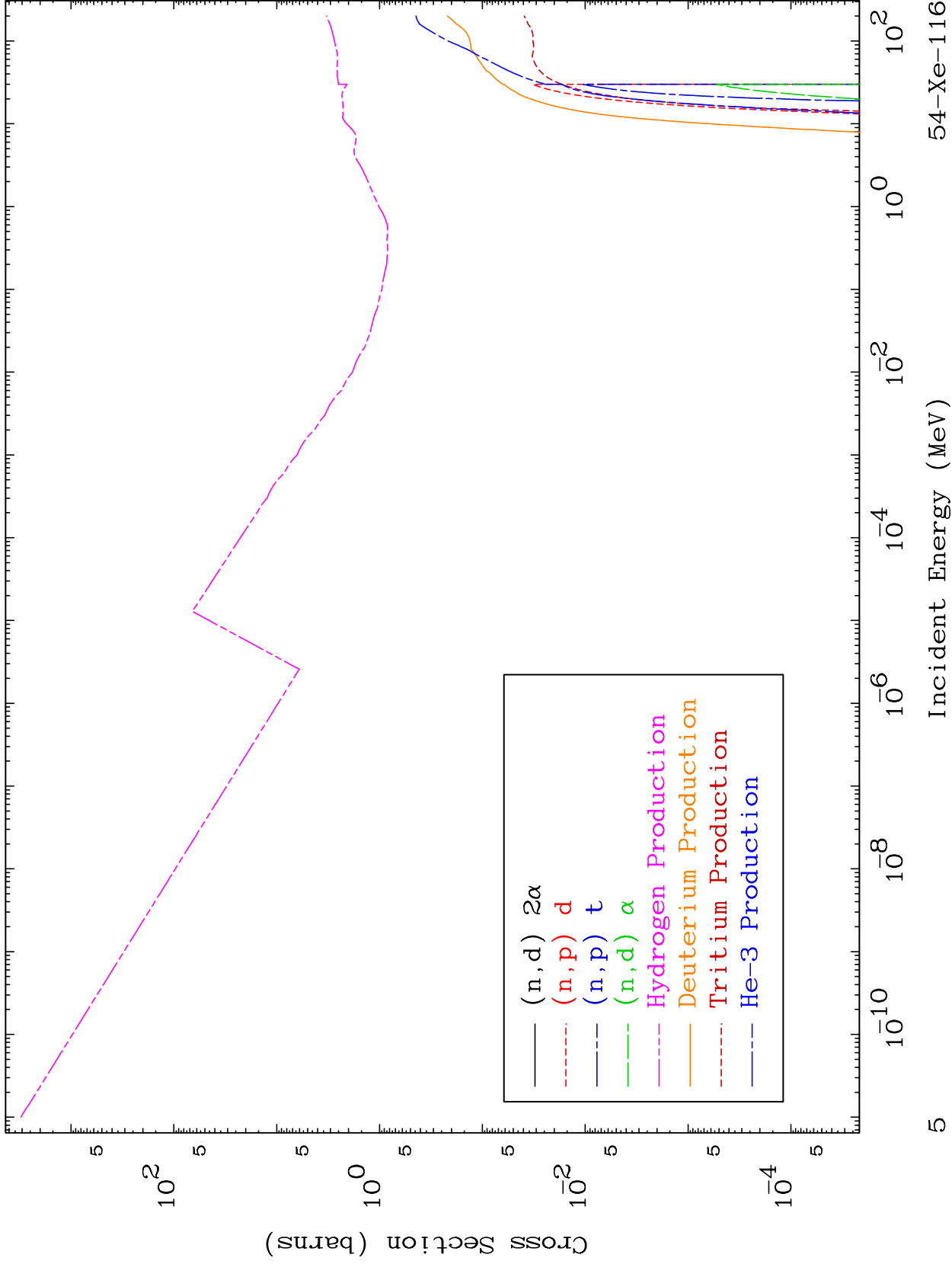
54-Xe-116



MAT 5401

Neutron Absorption
293 Kelvin Cross Sections

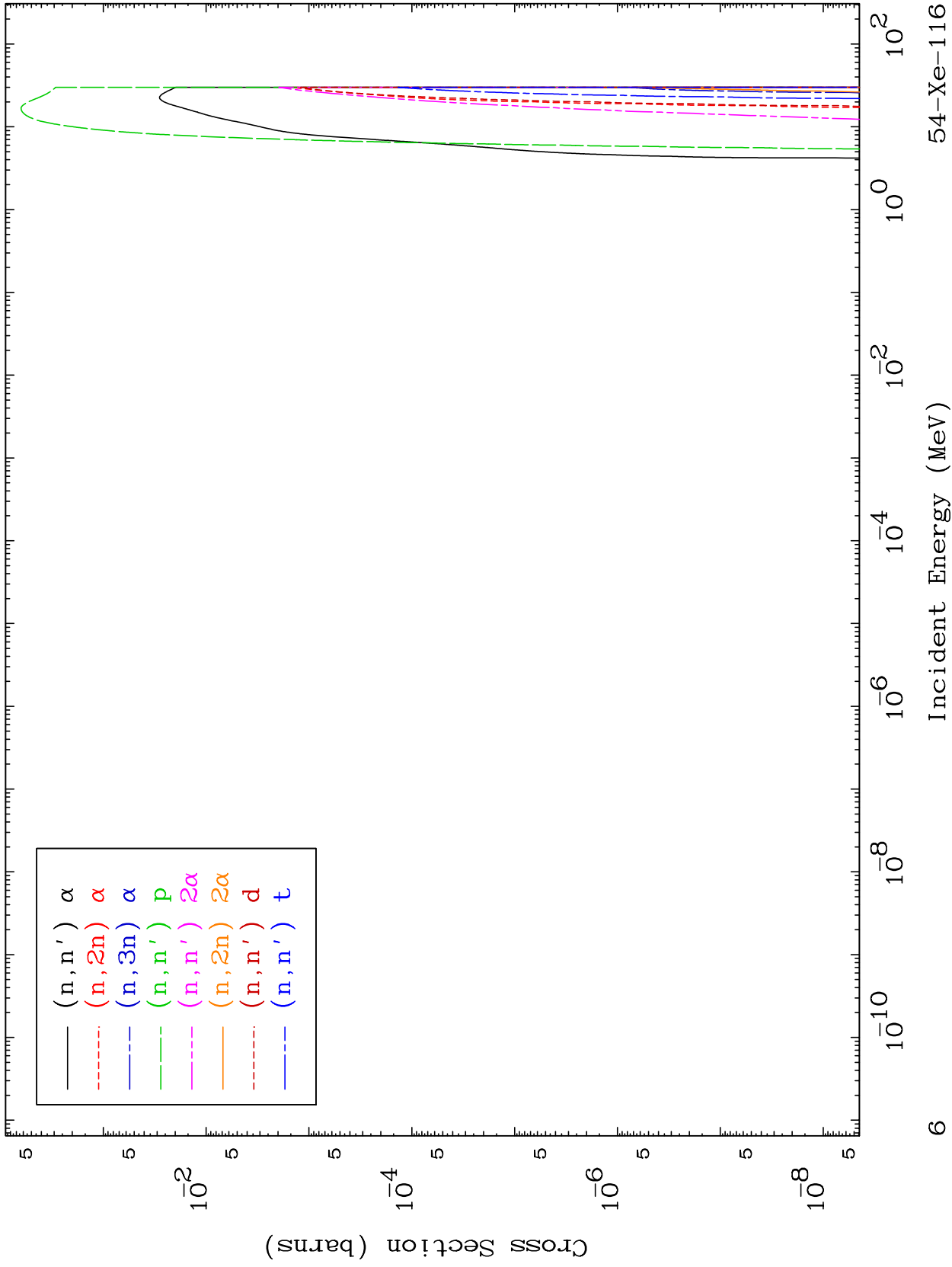
54-Xe-116



MAT 5401

Charged Particle
293 Kelvin Cross Sections

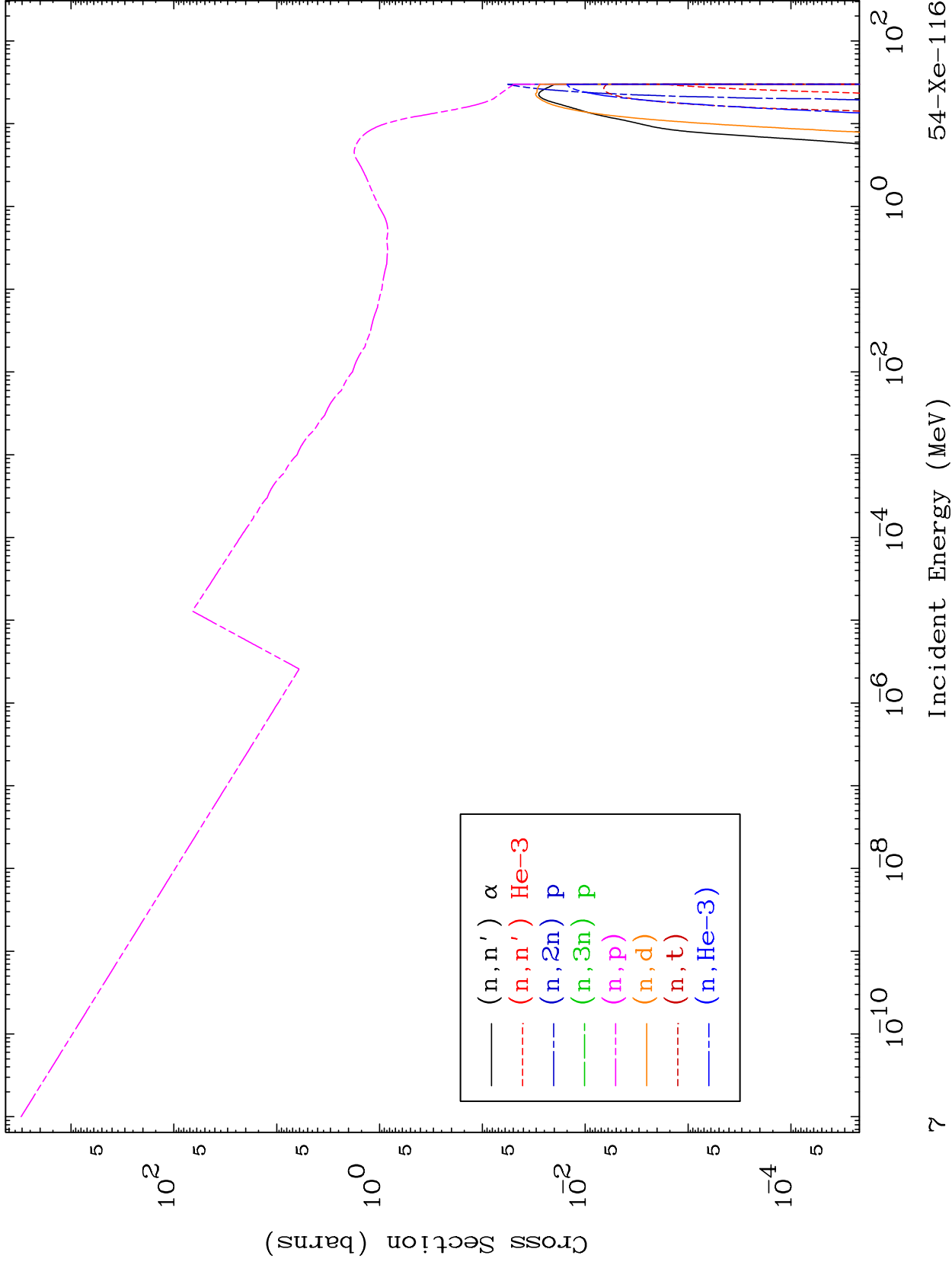
54-Xe-116



MAT 5401

Charged Particle
293 Kelvin Cross Sections

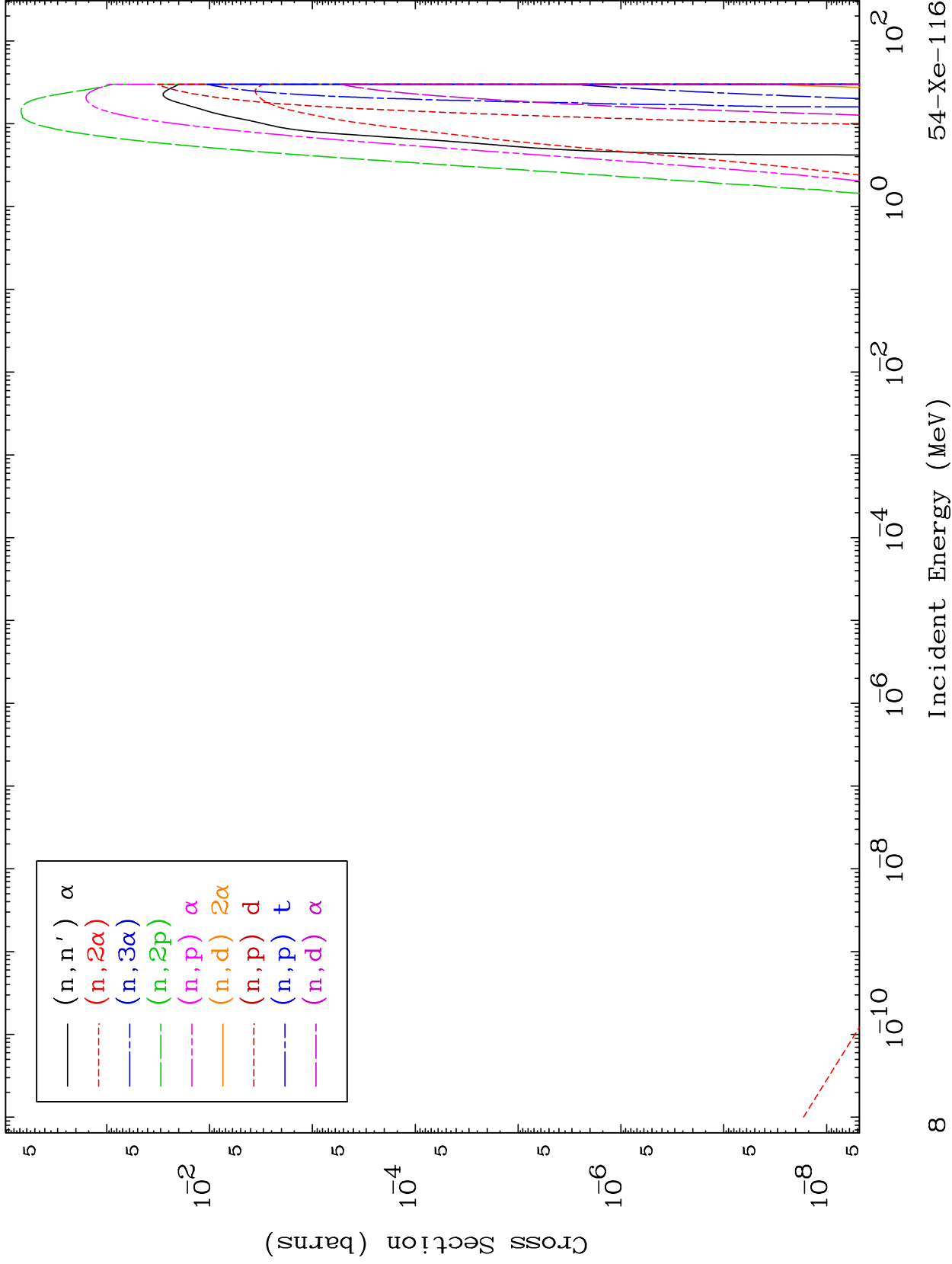
54-Xe-116



MAT 5401

Charged Particle
293 Kelvin Cross Sections

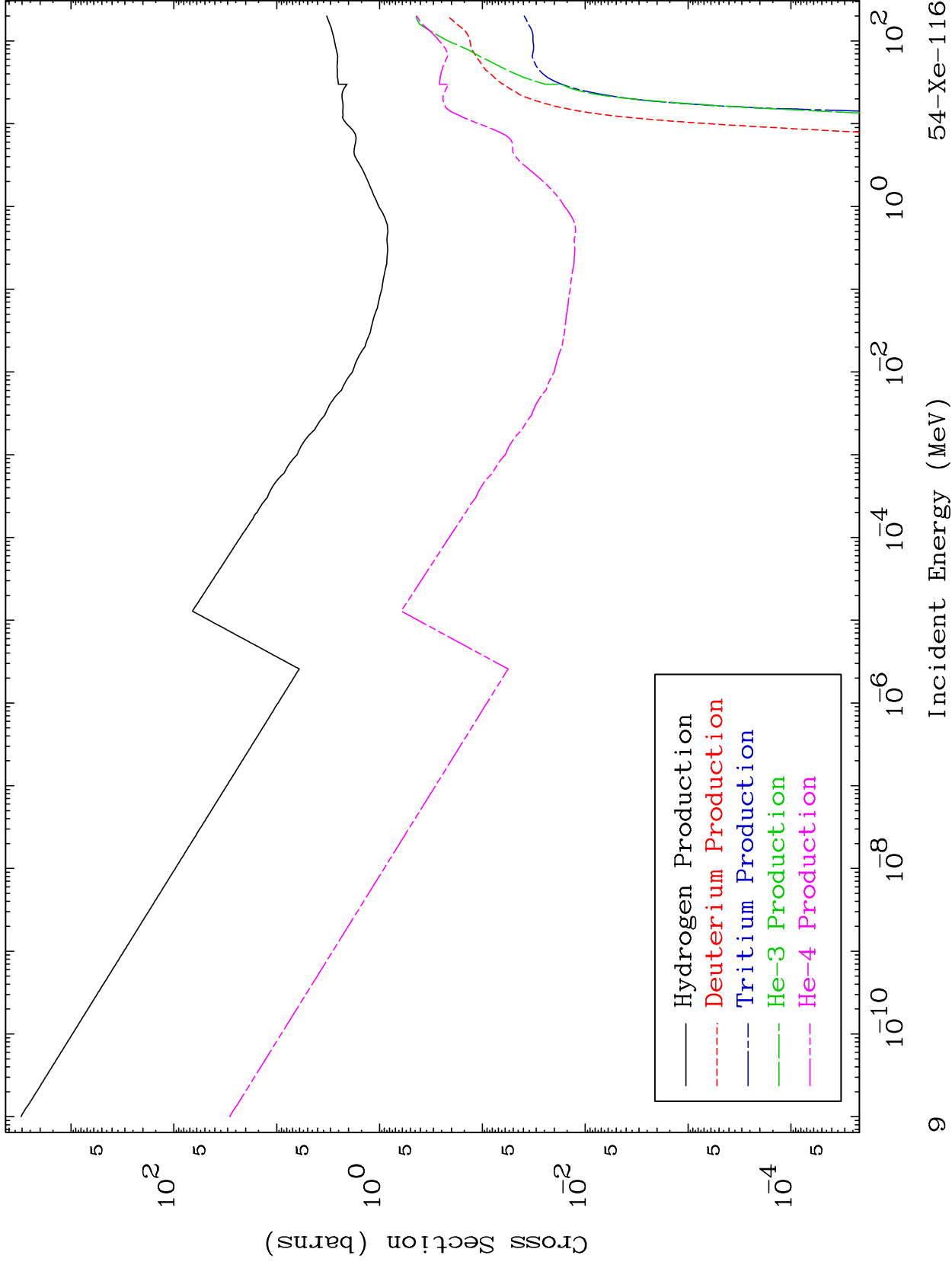
54-Xe-116



MAT 5401

Particle Production
293 Kelvin Cross Sections

54-Xe-116

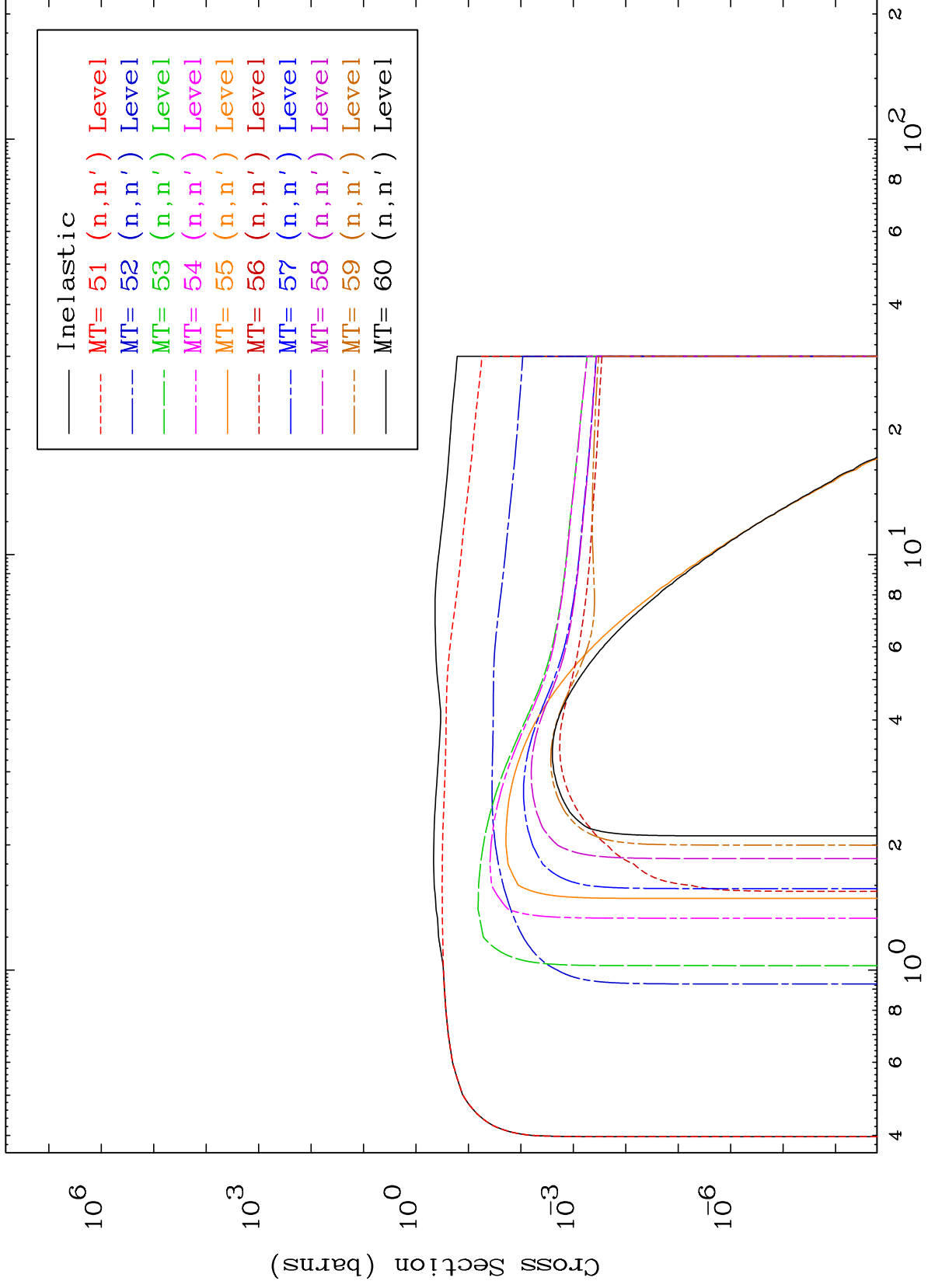


MAT 5401

(n,n') Levels

54-Xe-116

293 Kelvin Cross Sections

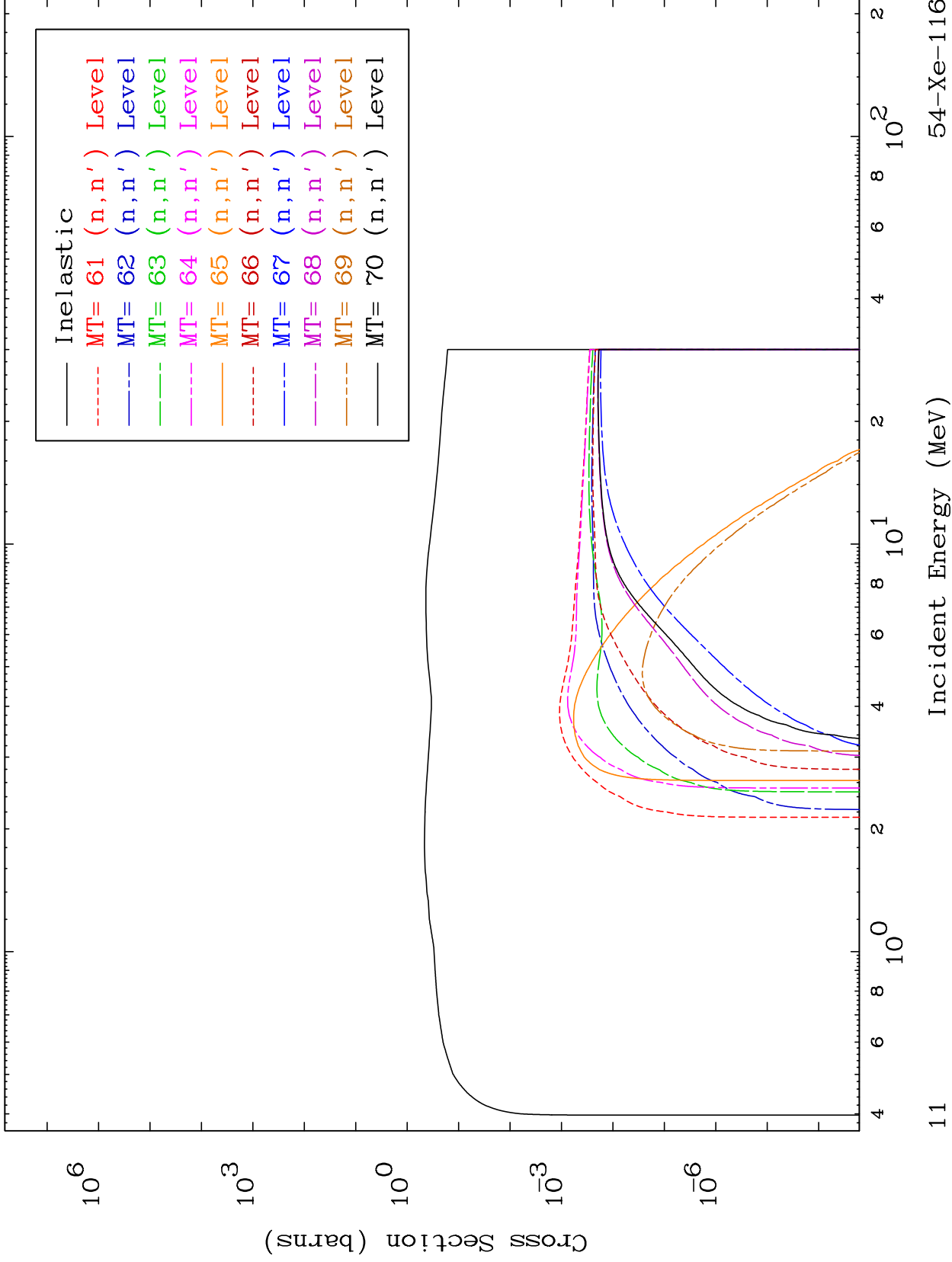


10

Incident Energy (MeV)

54-Xe-116

293 Kelvin Cross Sections

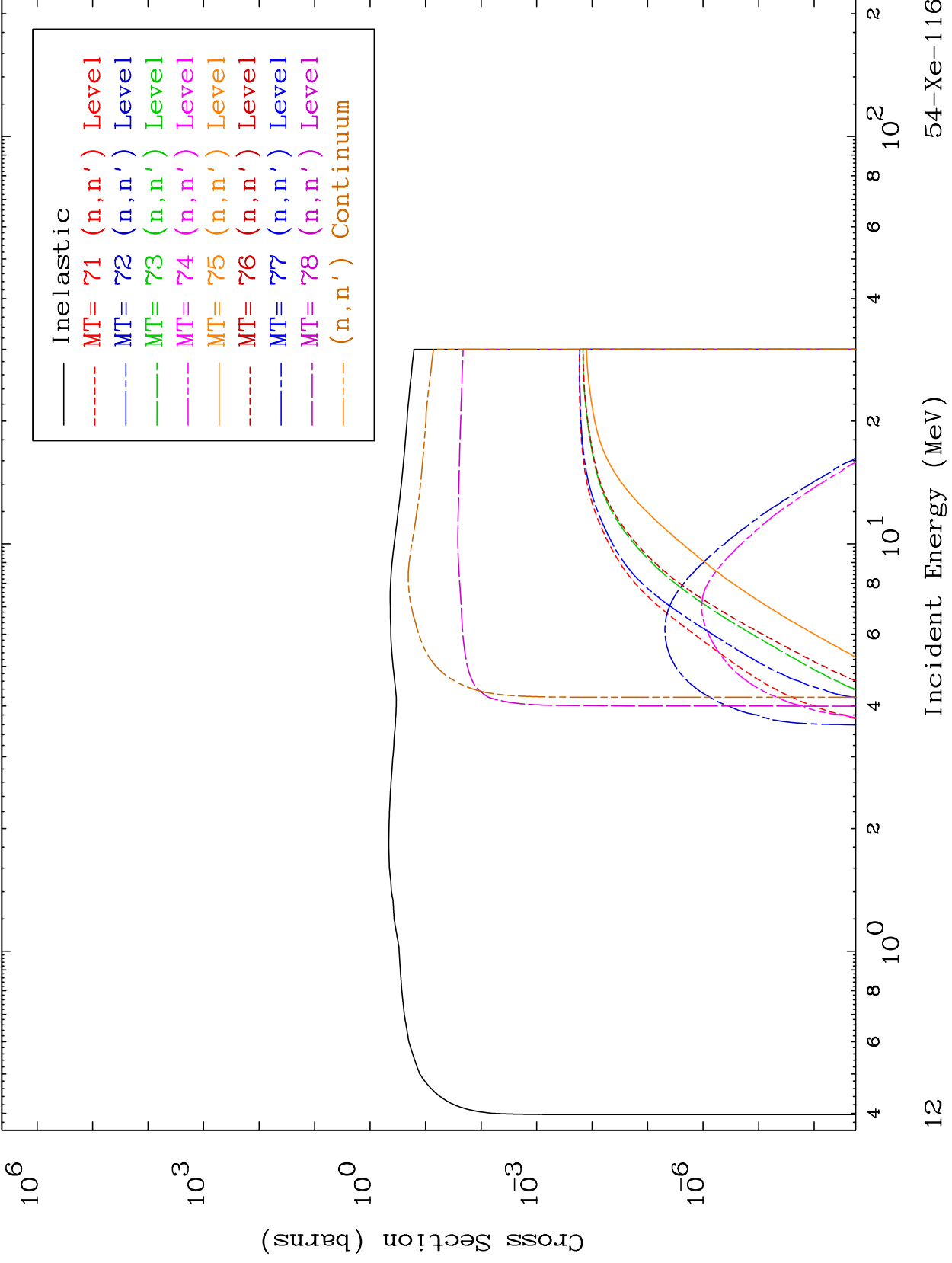


MAT 5401

(n,n') Levels

54-Xe-116

293 Kelvin Cross Sections



12

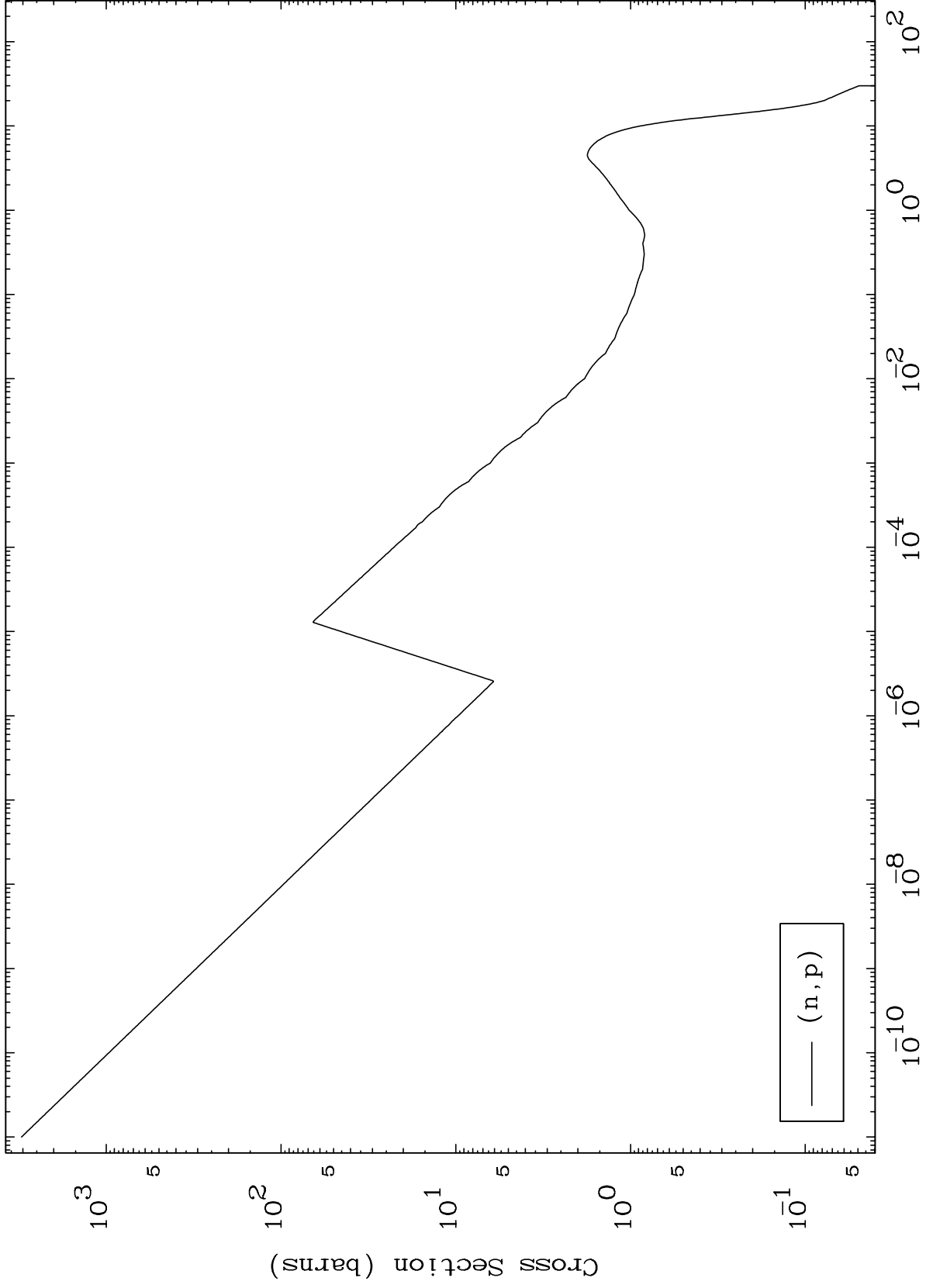
Incident Energy (MeV)

54-Xe-116

MAT 5401

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-116

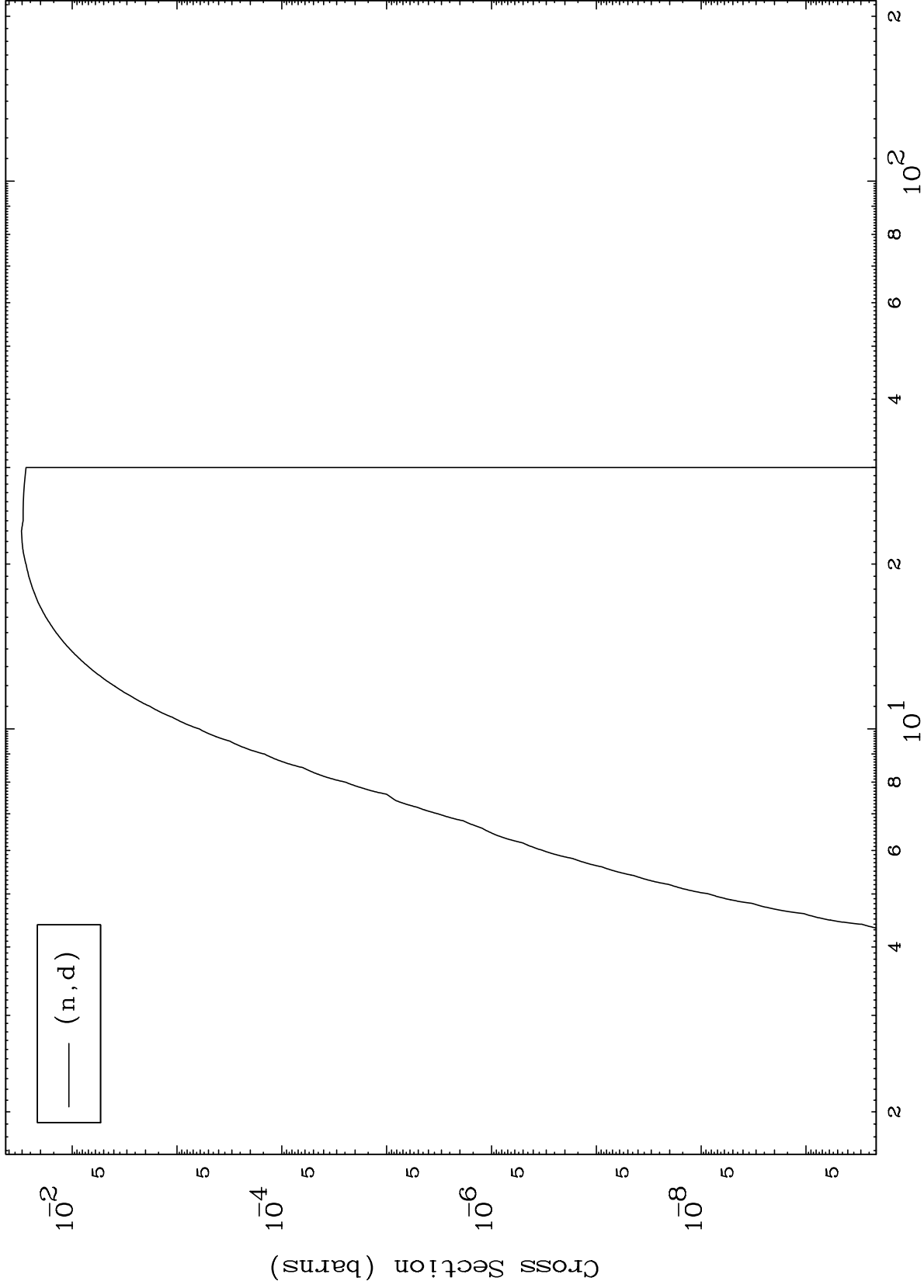


(n,p)

MAT 5401

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-116



14

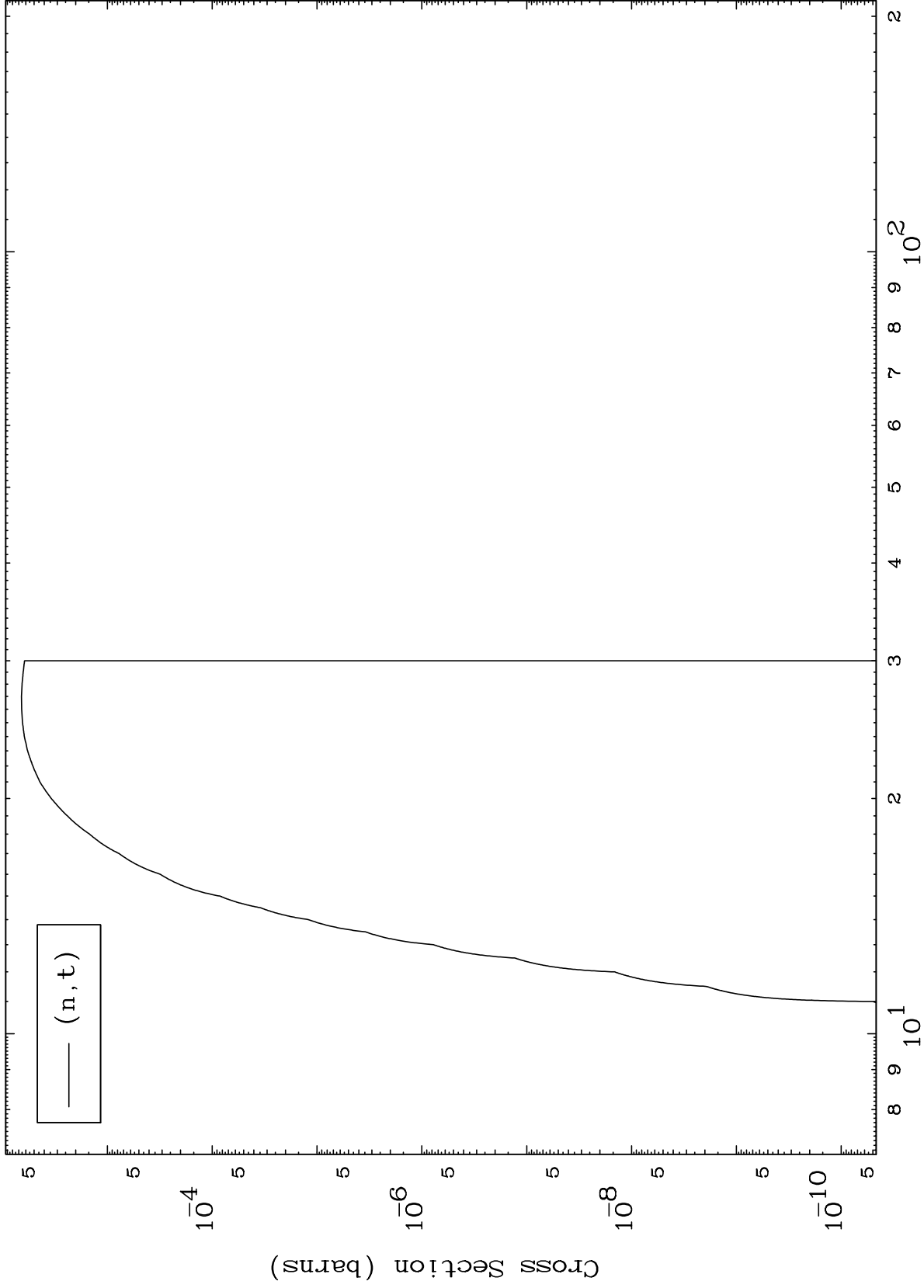
Incident Energy (MeV)

54-Xe-116

MAT 5401

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-116



15

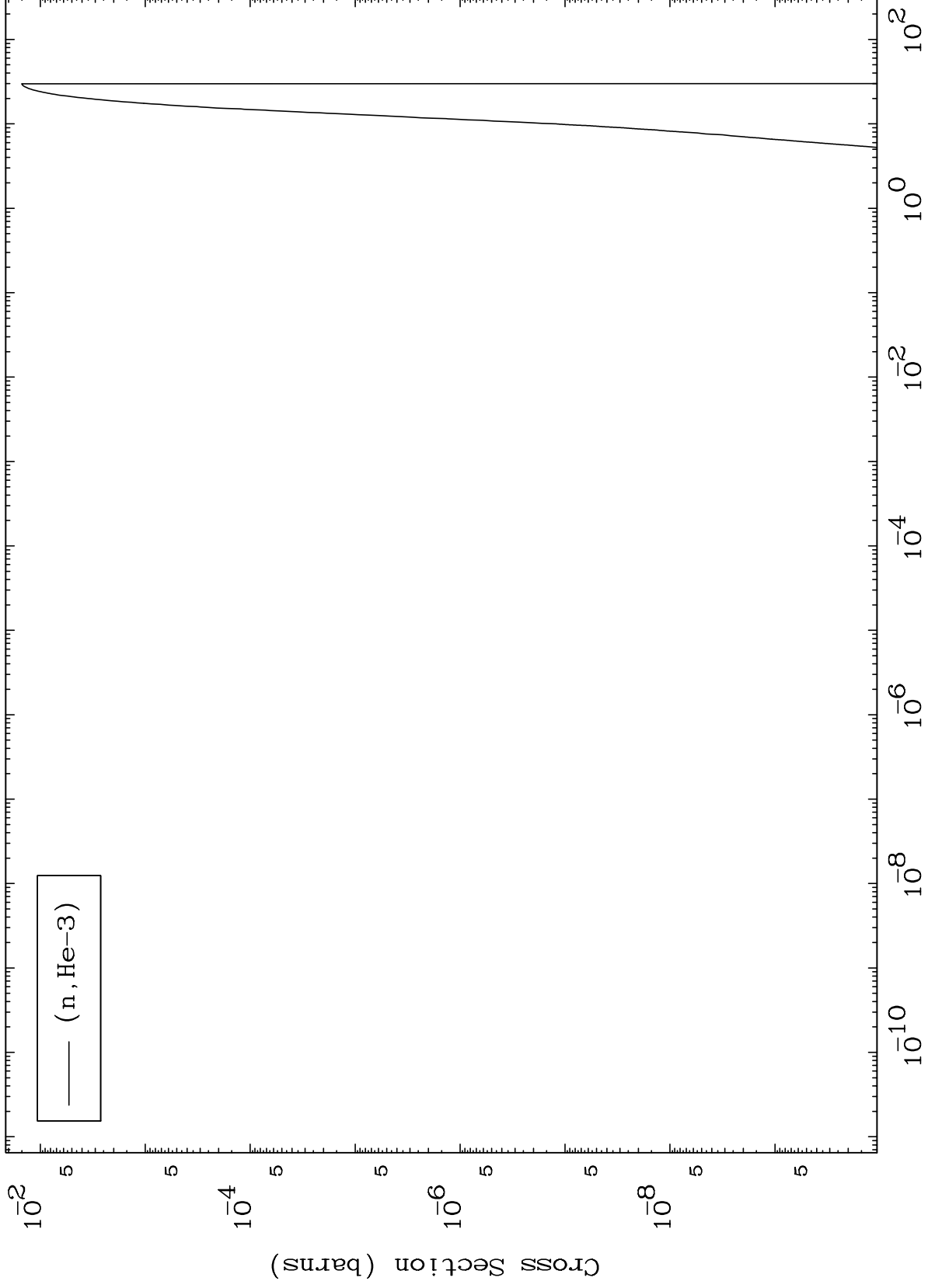
Incident Energy (MeV)

54-Xe-116

MAT 5401

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-116



16

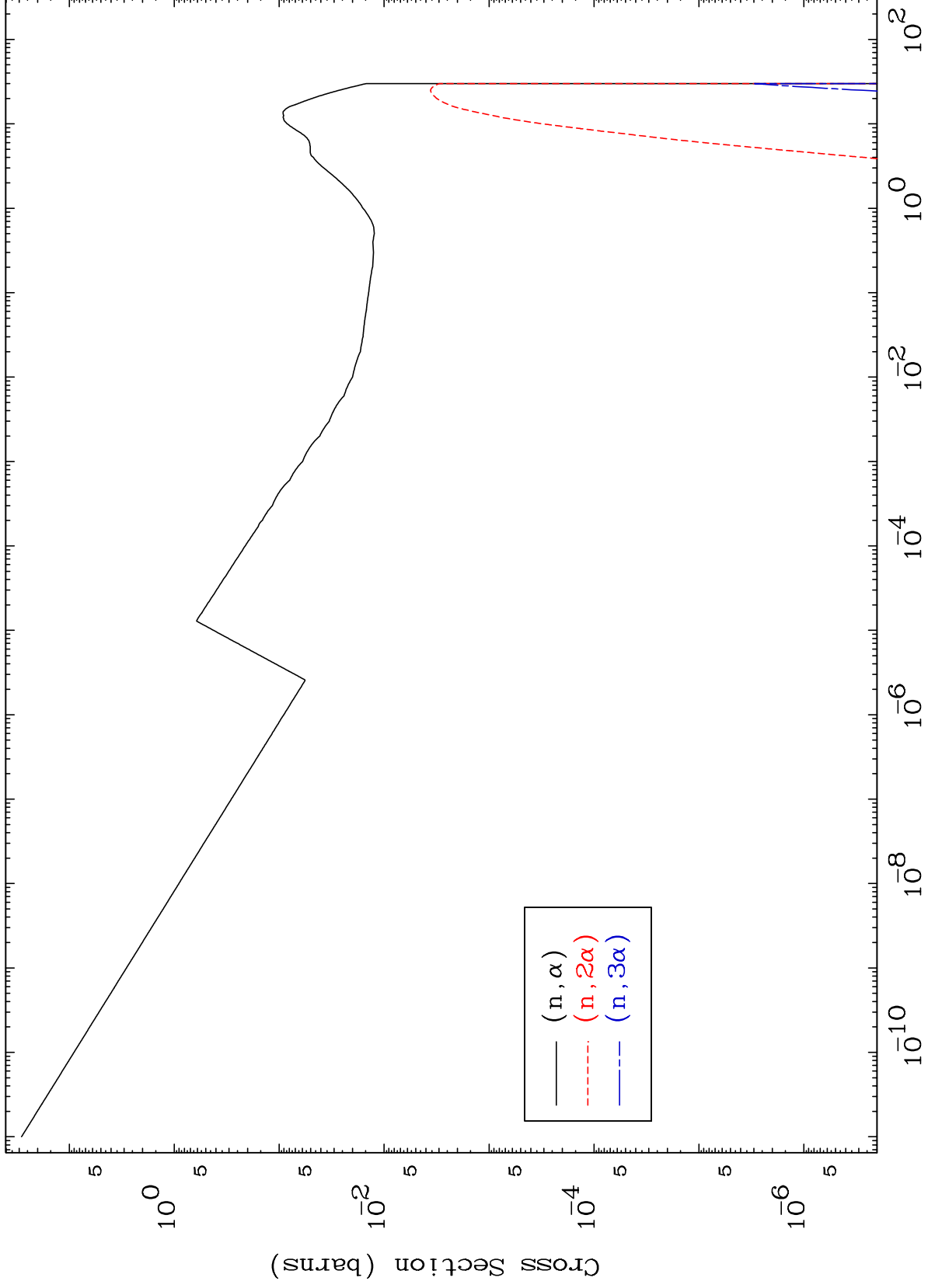
Incident Energy (MeV)

54-Xe-116

MAT 5401

(n, α) Levels
293 Kelvin Cross Sections

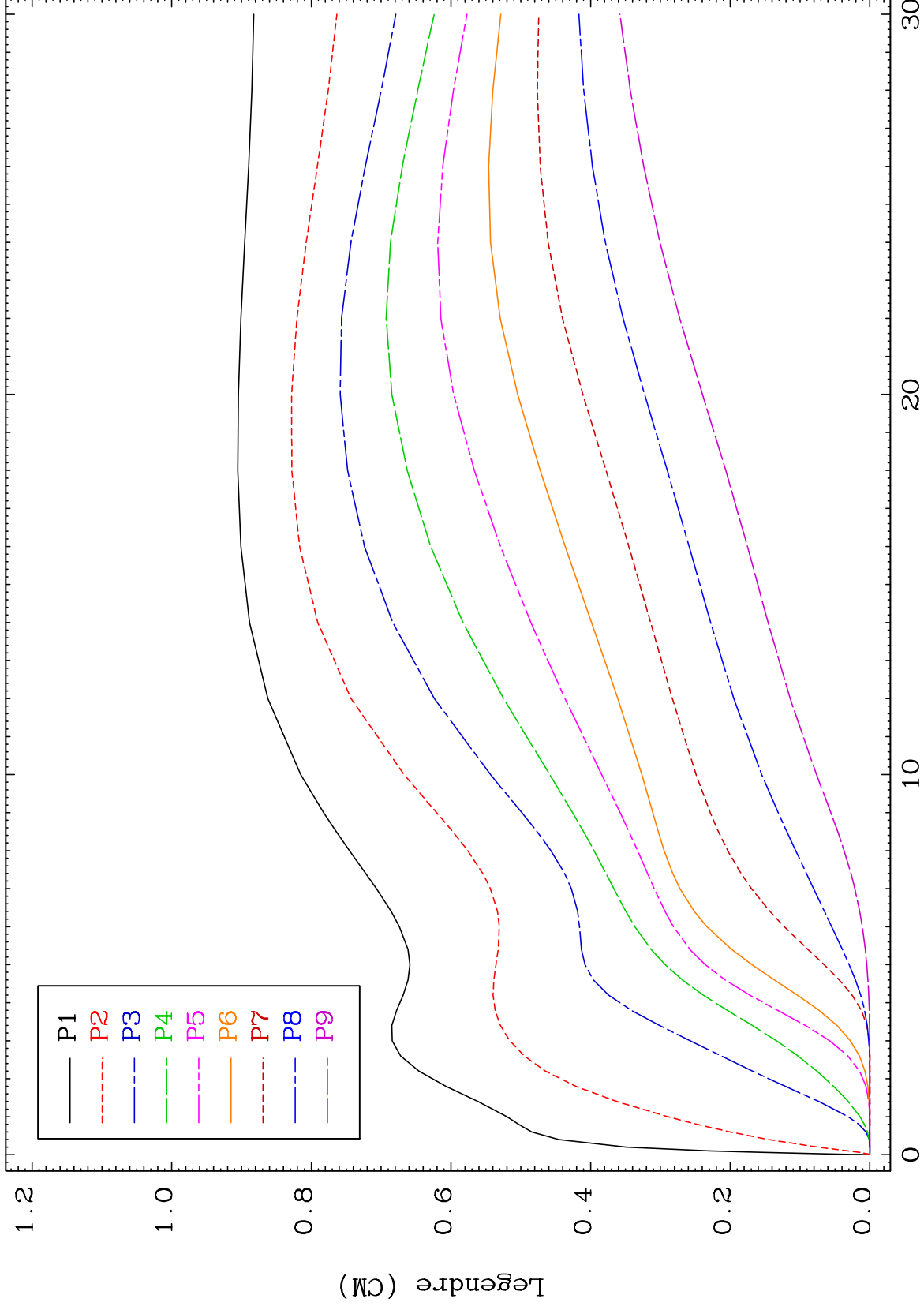
54-Xe-116



MAT 5401

Elastic Legendre Coefficients

54-Xe-116

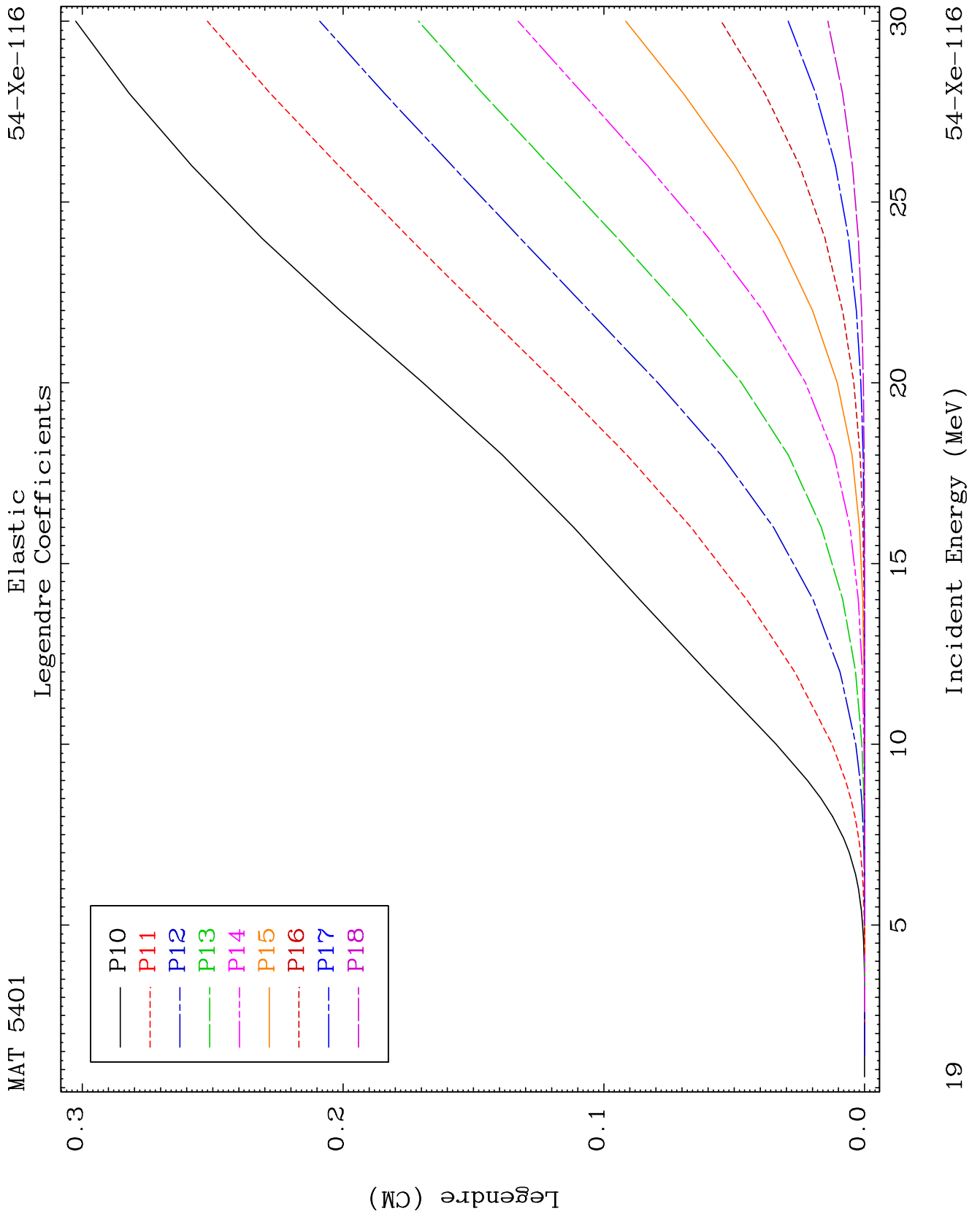


18

Incident Energy (MeV)

54-Xe-116

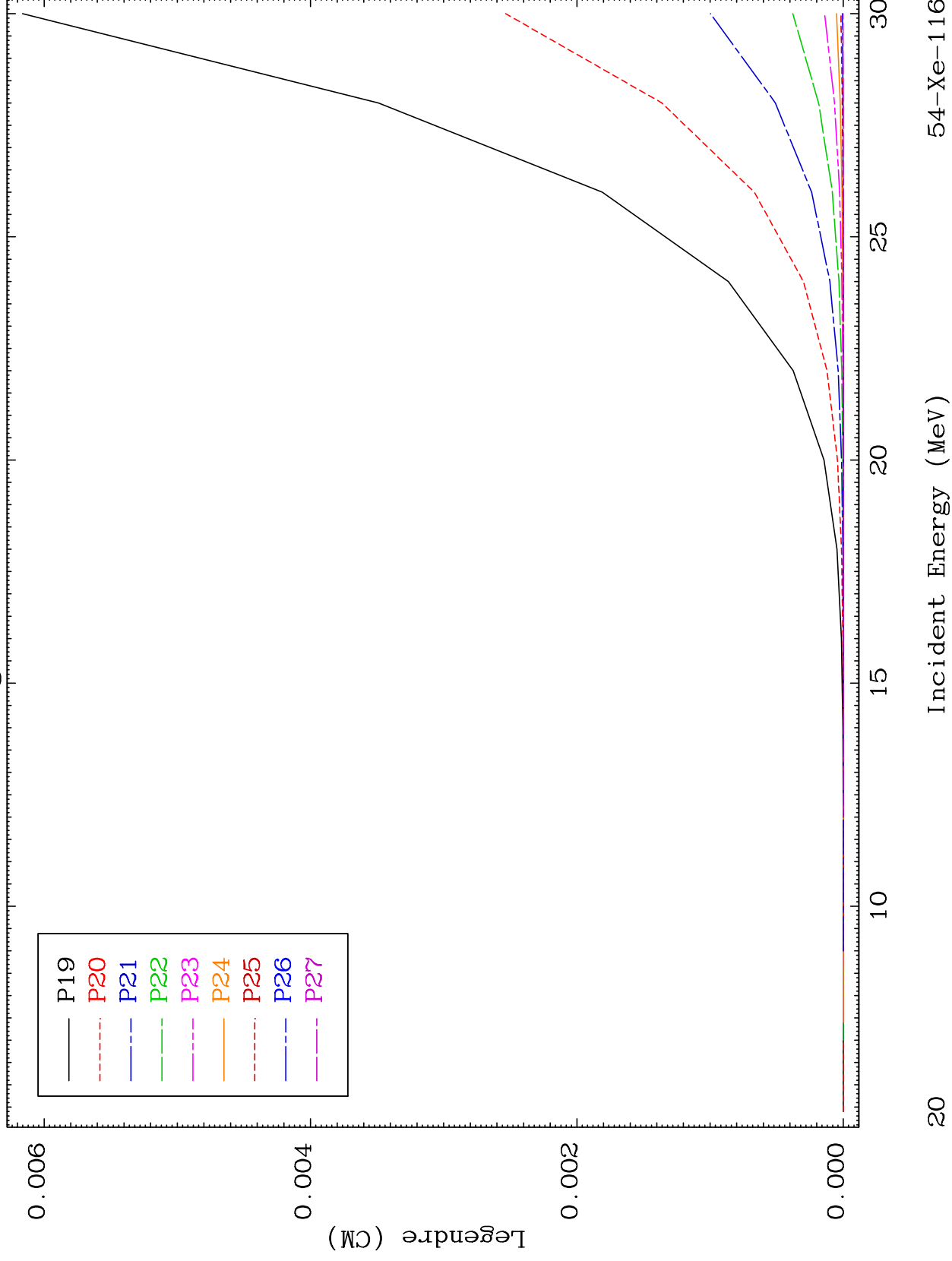
30



MAT 5401

Elastic
Legendre Coefficients

54-Xe-116



20

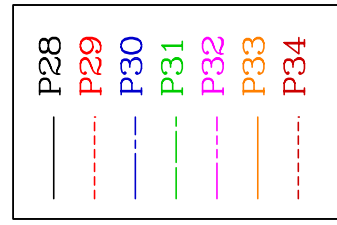
Incident Energy (MeV)

54-Xe-116

MAT 5401

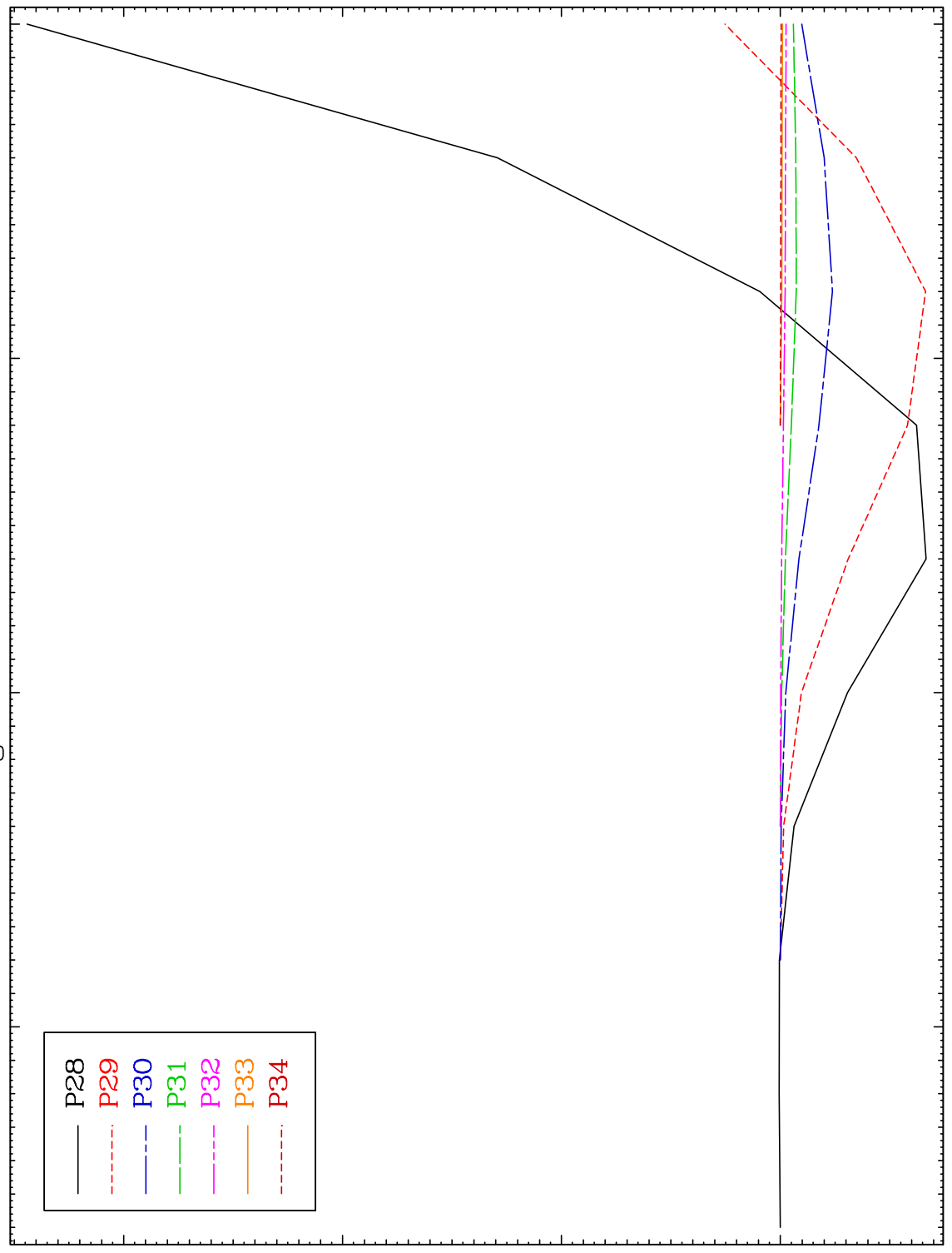
Elastic Legendre Coefficients

54-Xe-116



$\times 10^{-7}$

Legendre (CM)



15

20

25

30

21

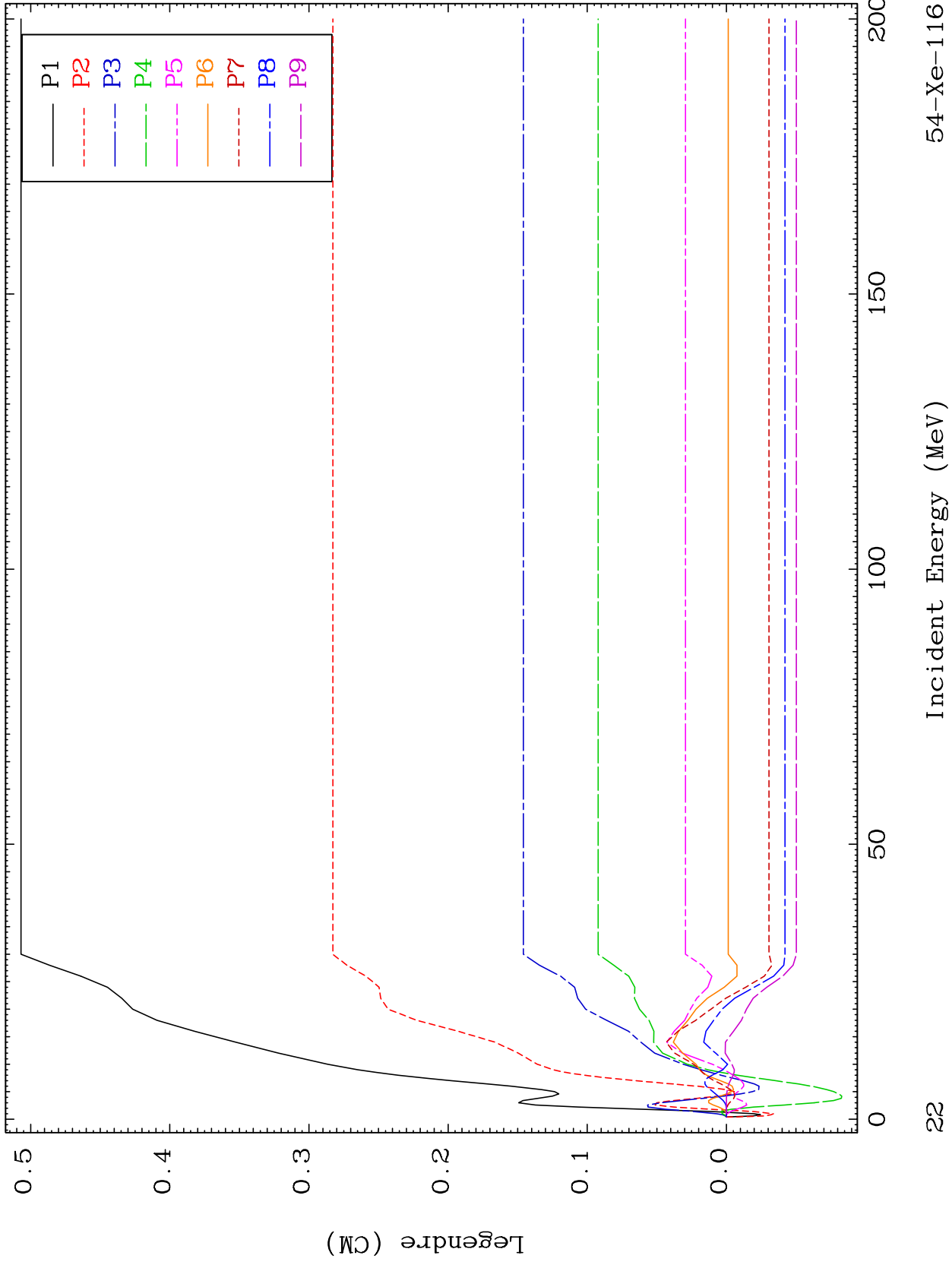
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116

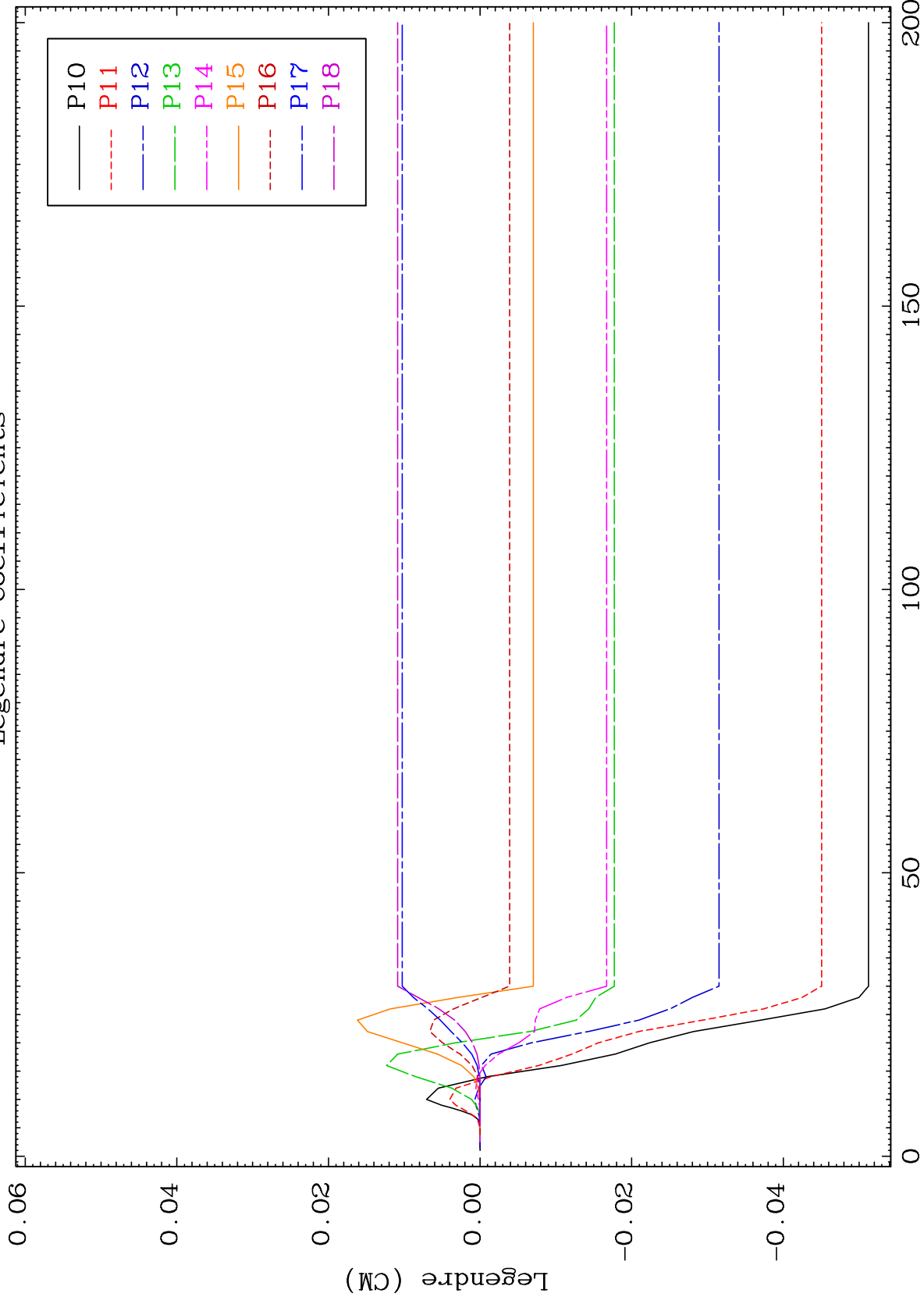


22

MAT 5401

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

54-Xe-116



23

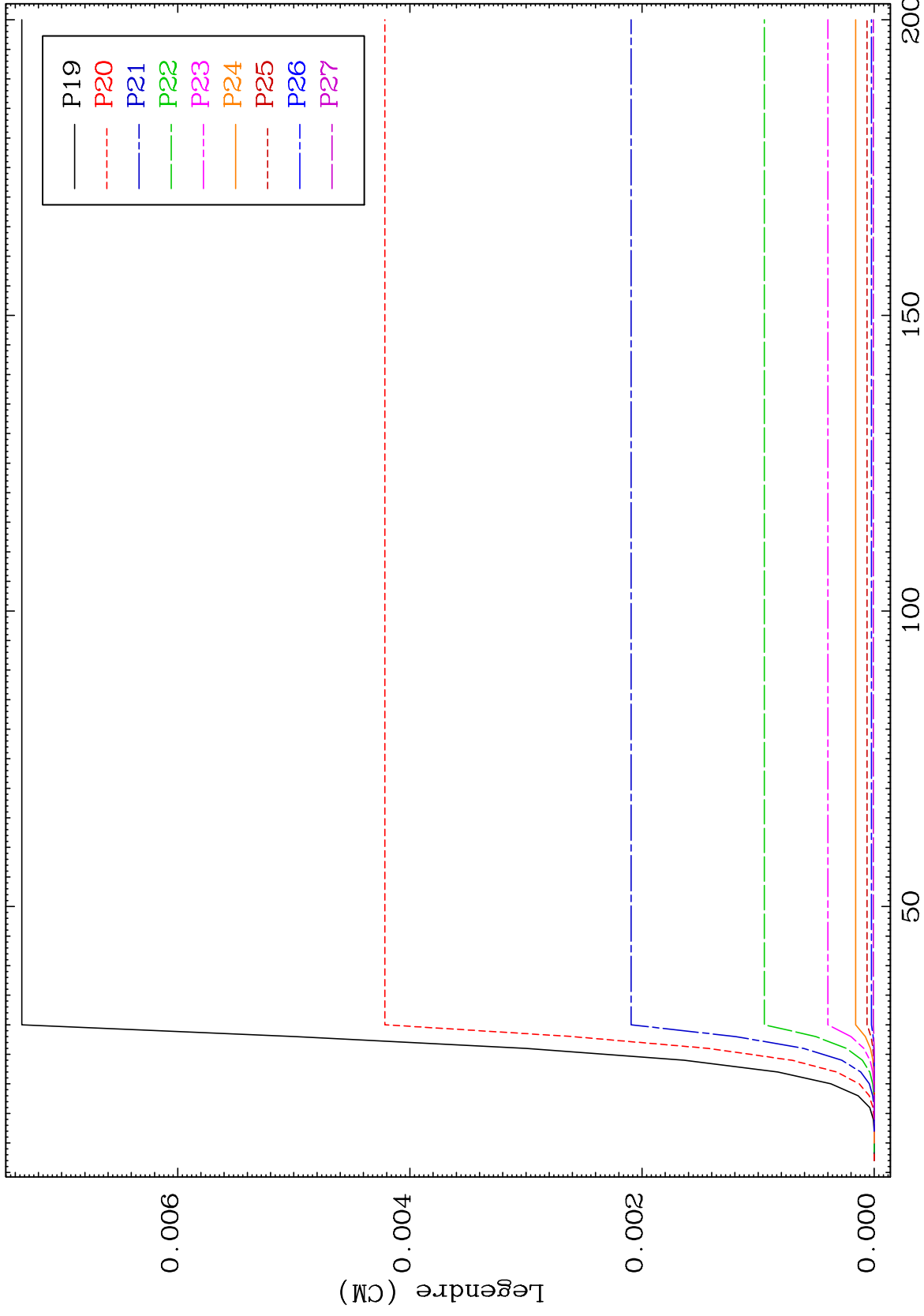
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



24

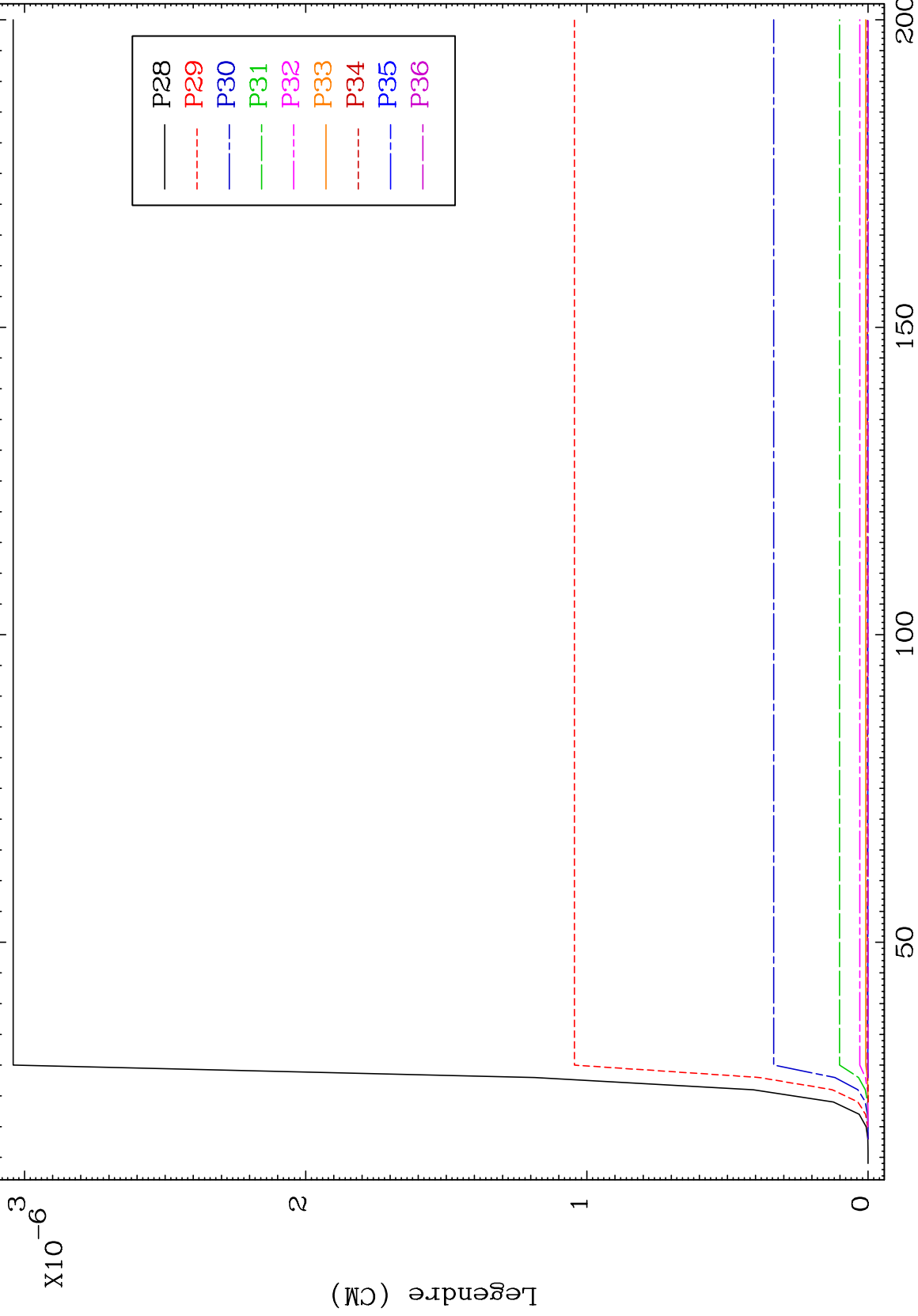
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



25

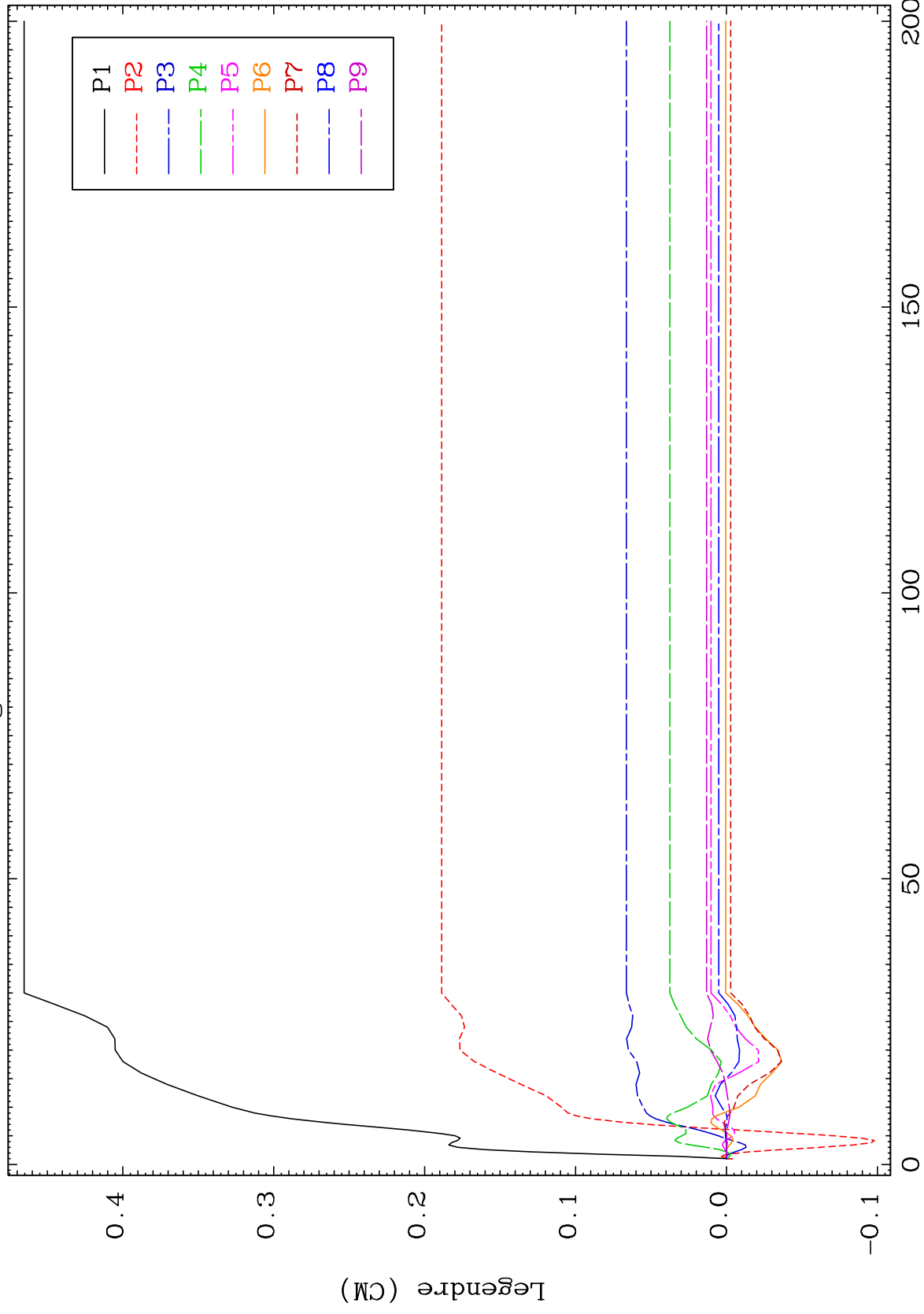
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



26

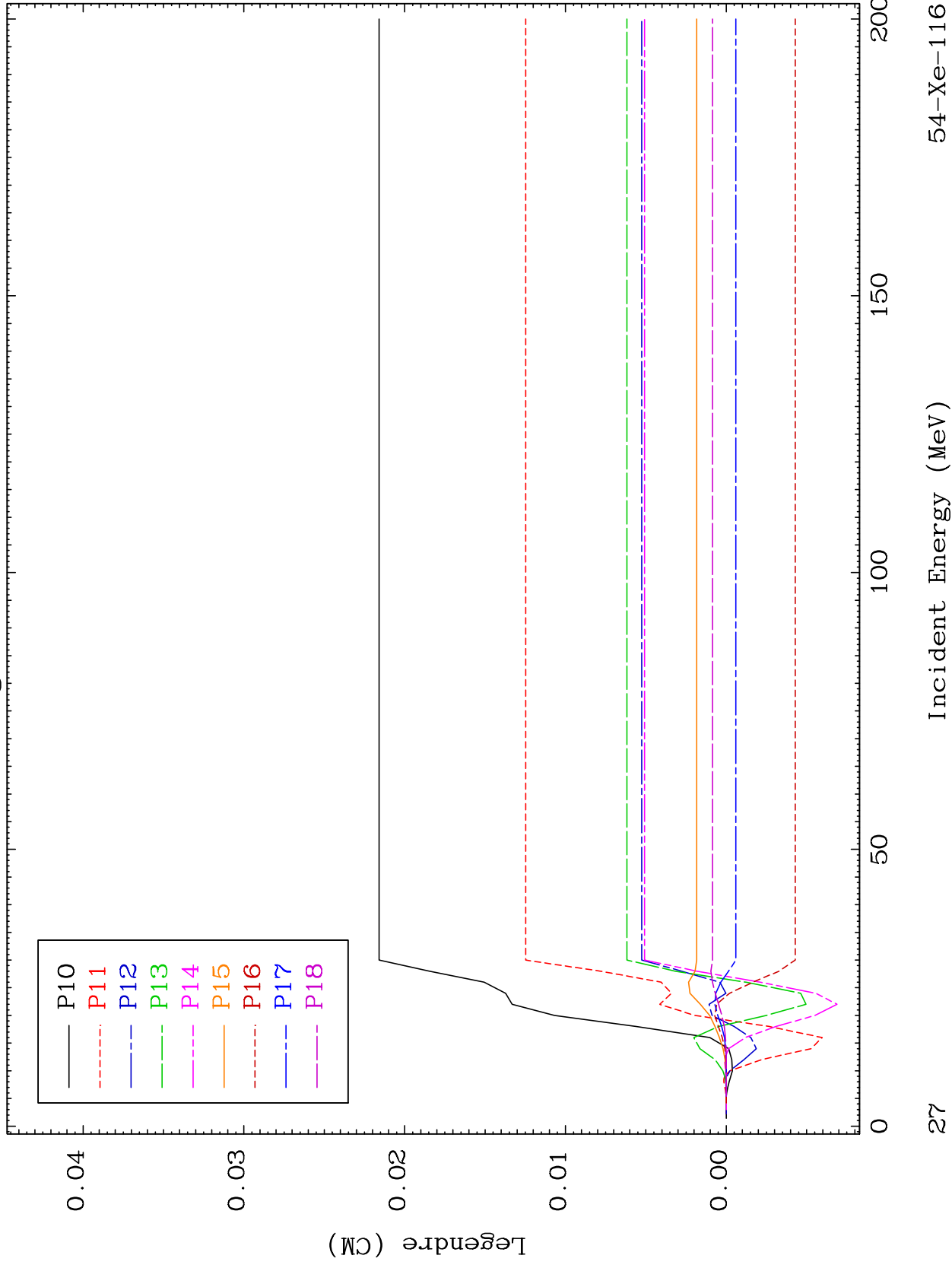
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



27

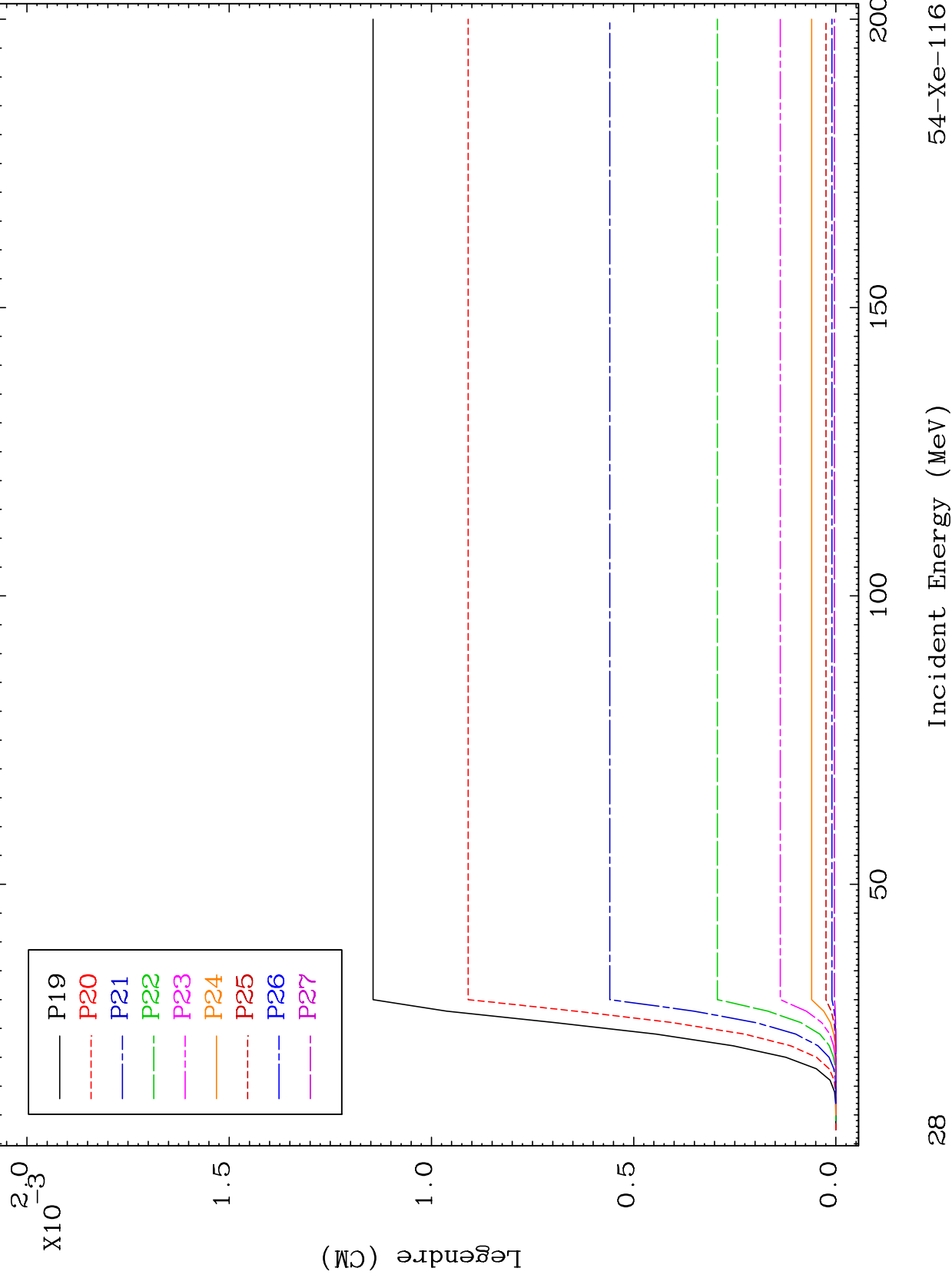
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116

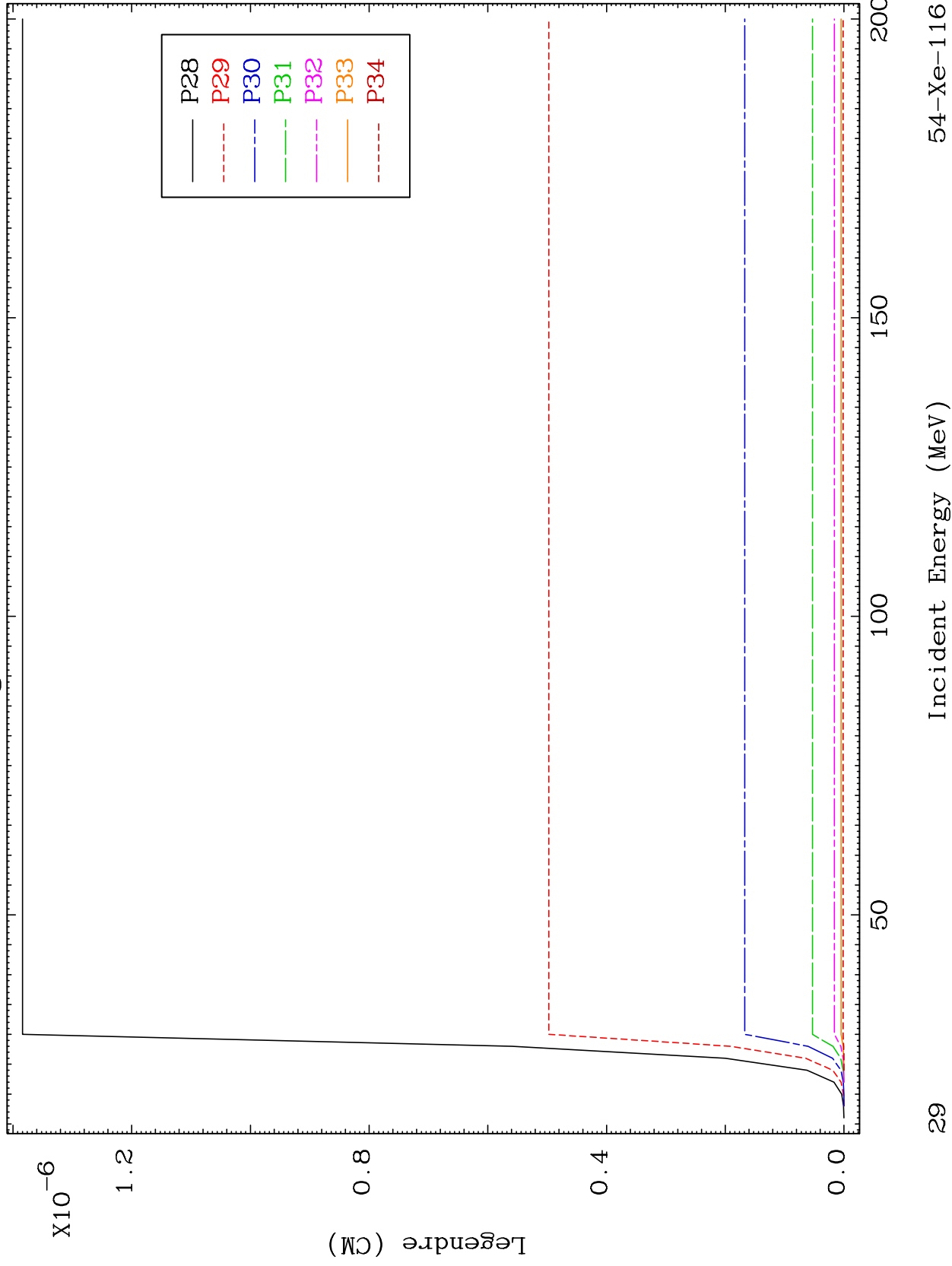


28

MAT 5401

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

54-Xe-116



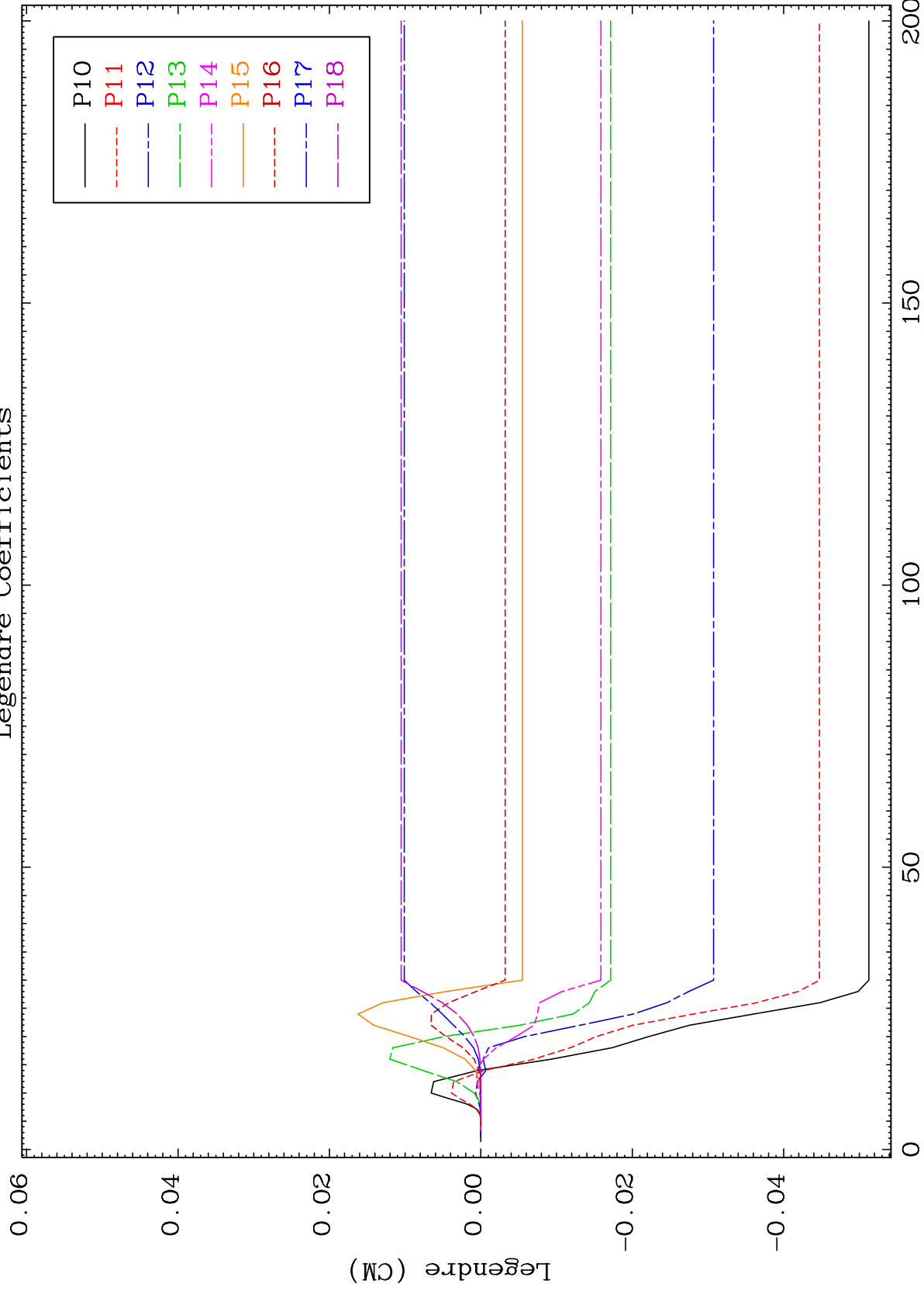
29

54-Xe-116

MAT 5401

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

54-Xe-116



31

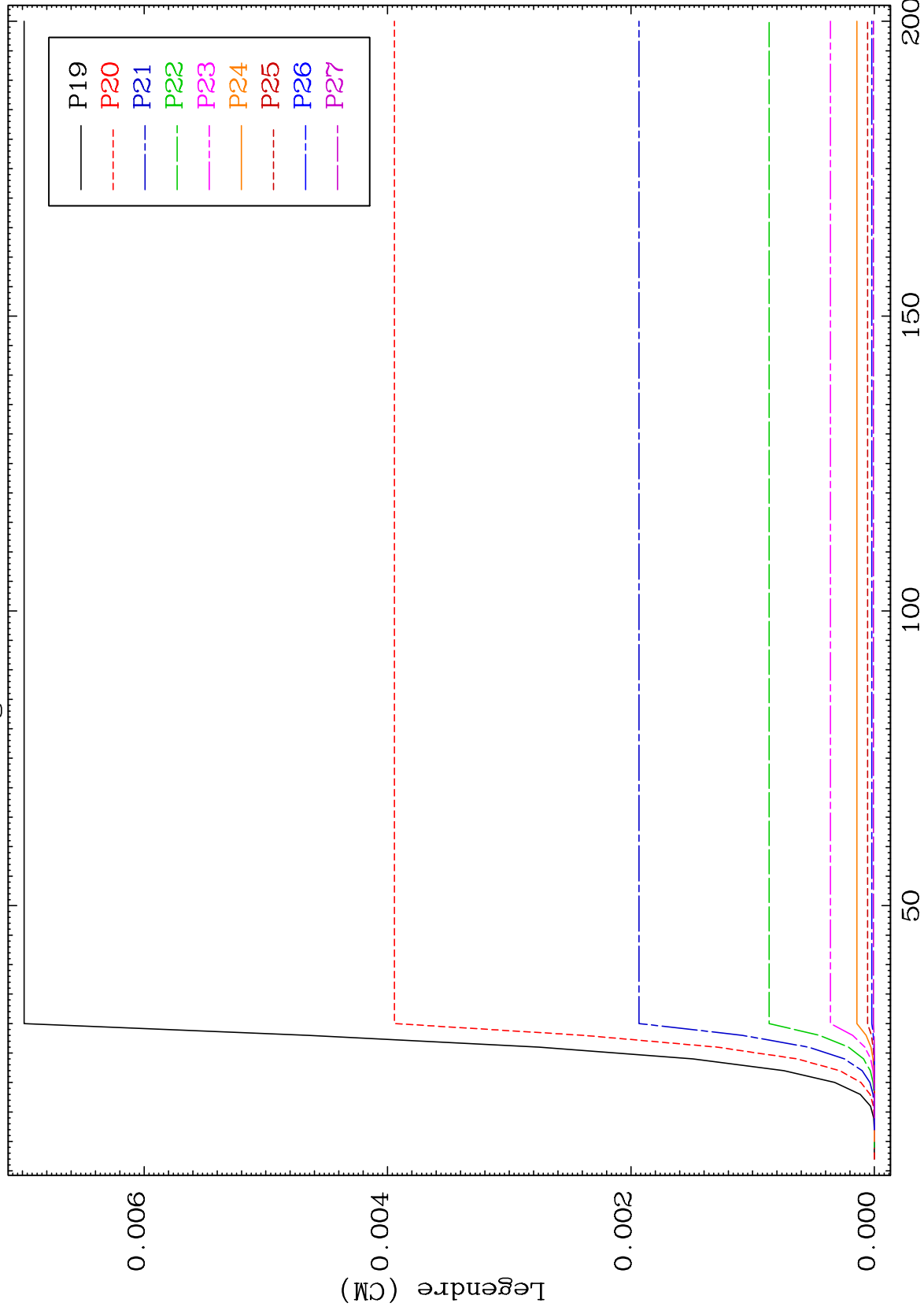
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



32

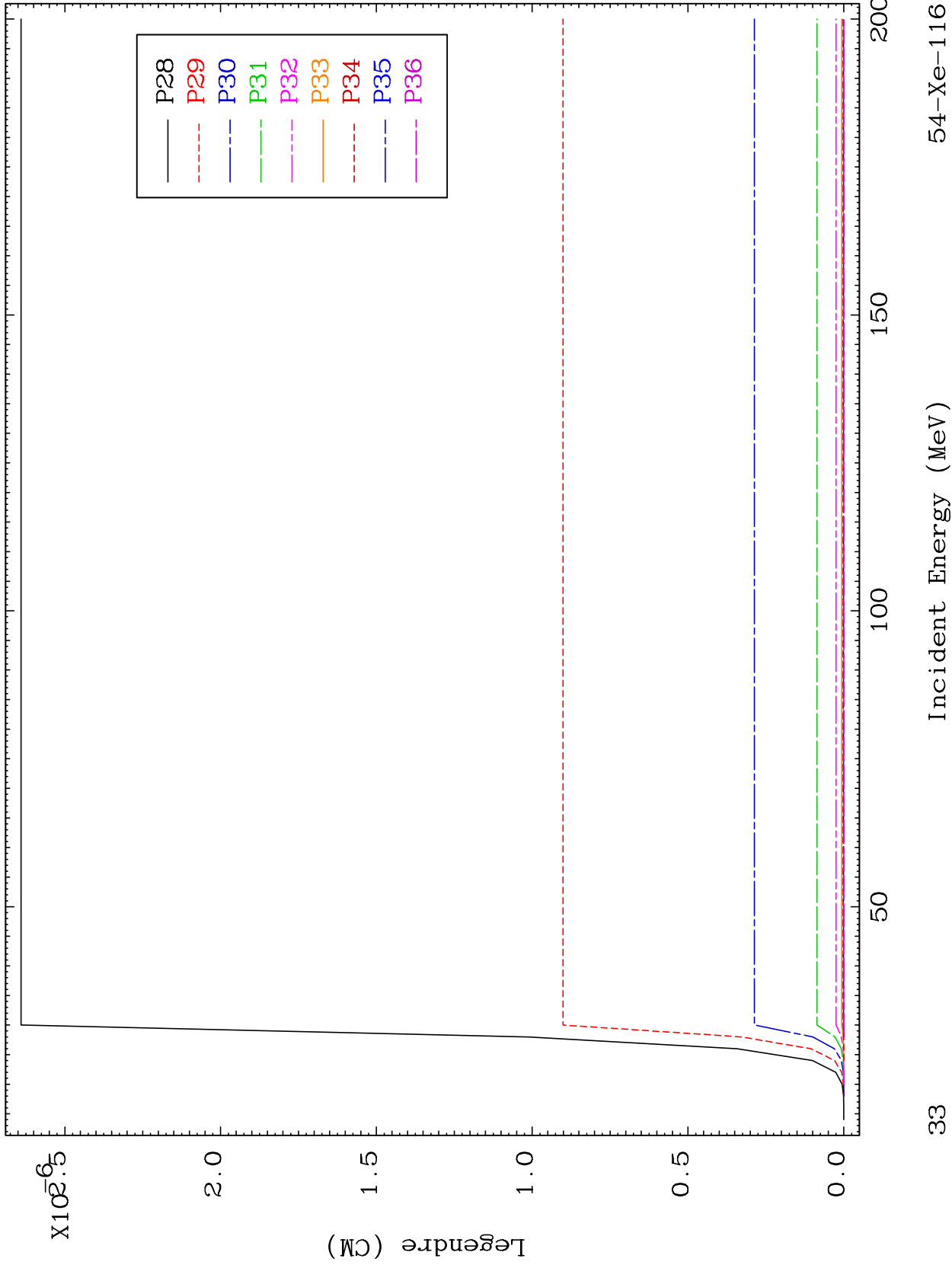
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



33

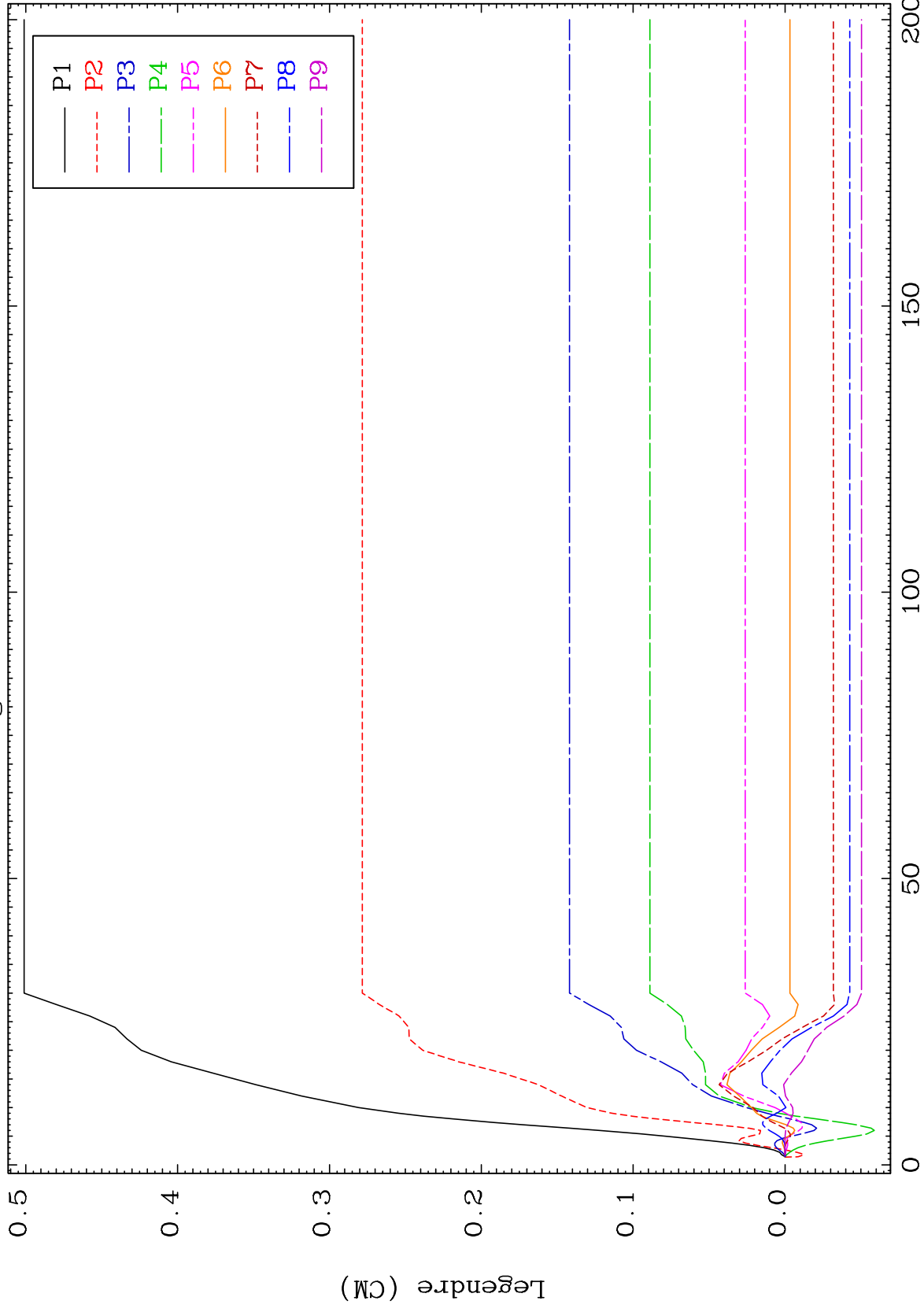
54-Xe-116

MAT 5401

MT= 54 (n,n') Level

54-Xe-116

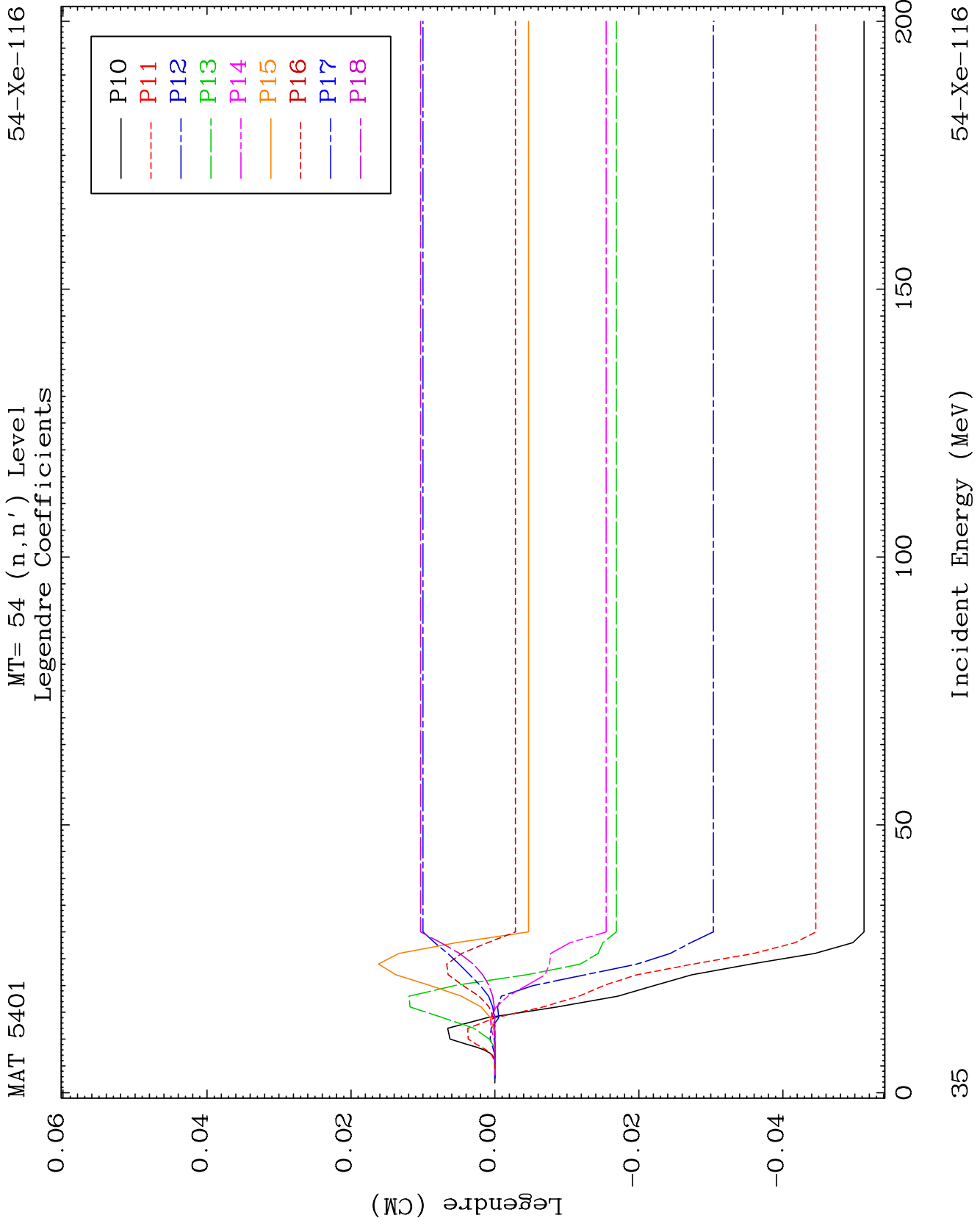
Legendre Coefficients



34

Incident Energy (MeV)

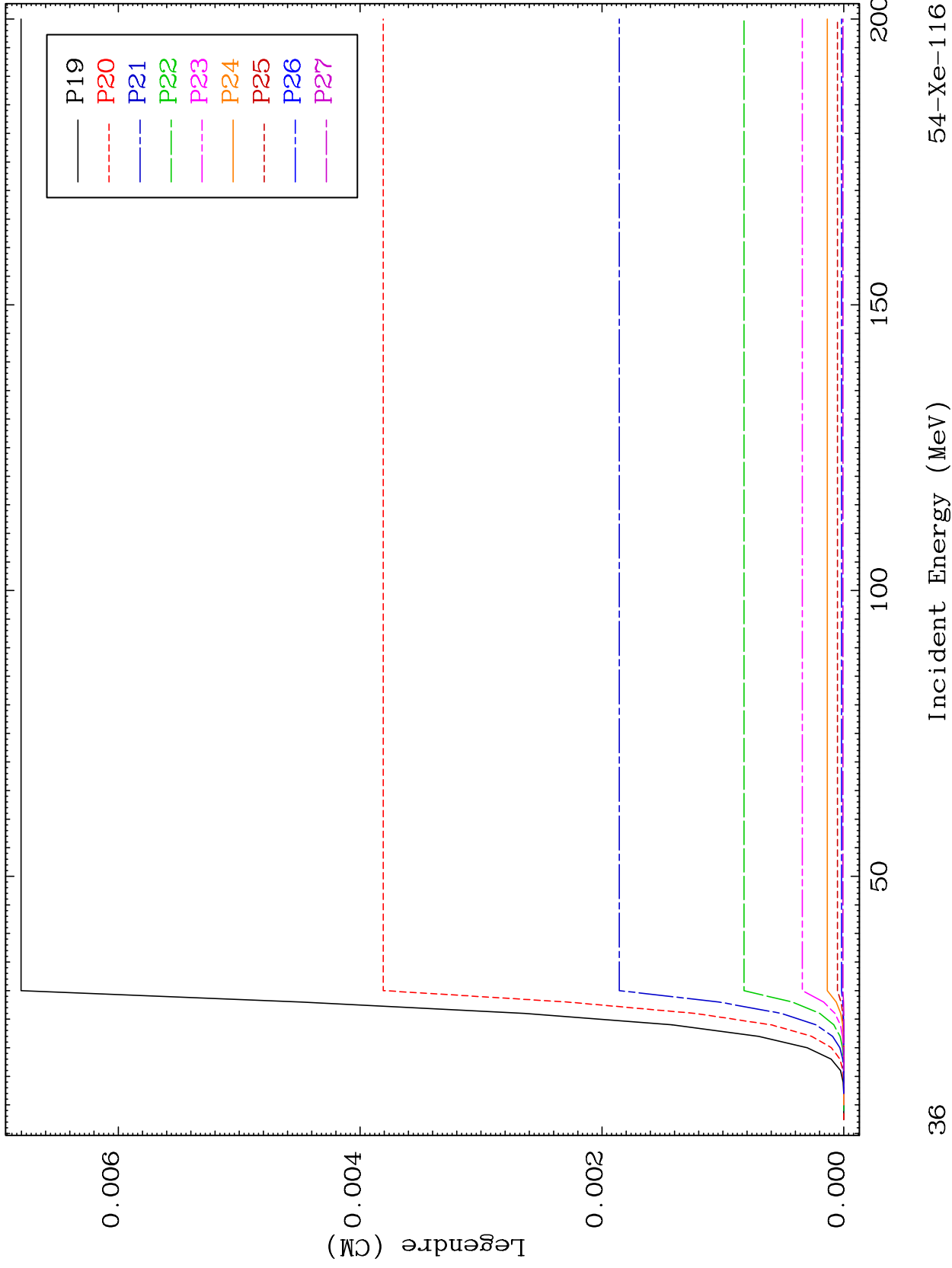
54-Xe-116



MAT 5401

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

54-Xe-116



36

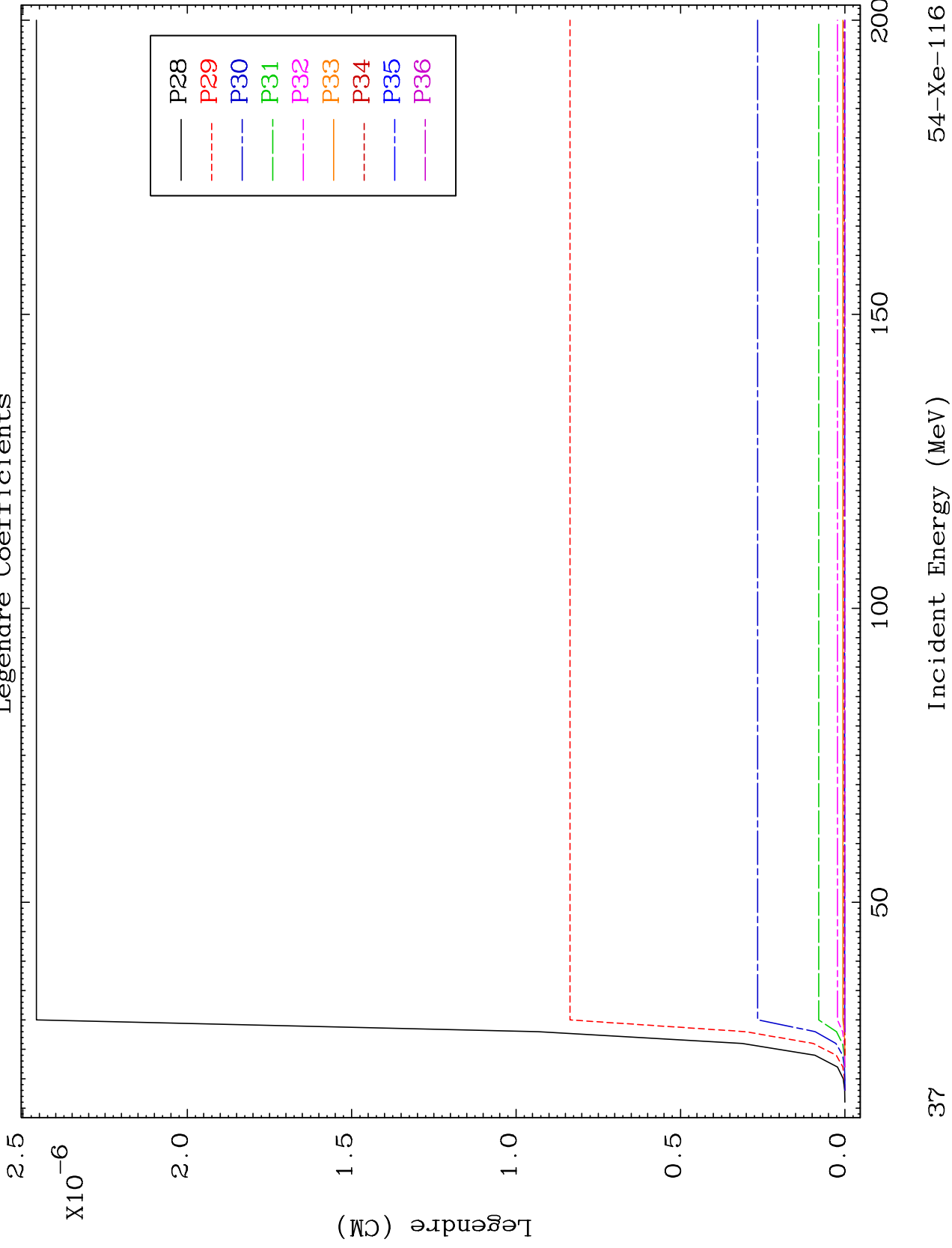
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

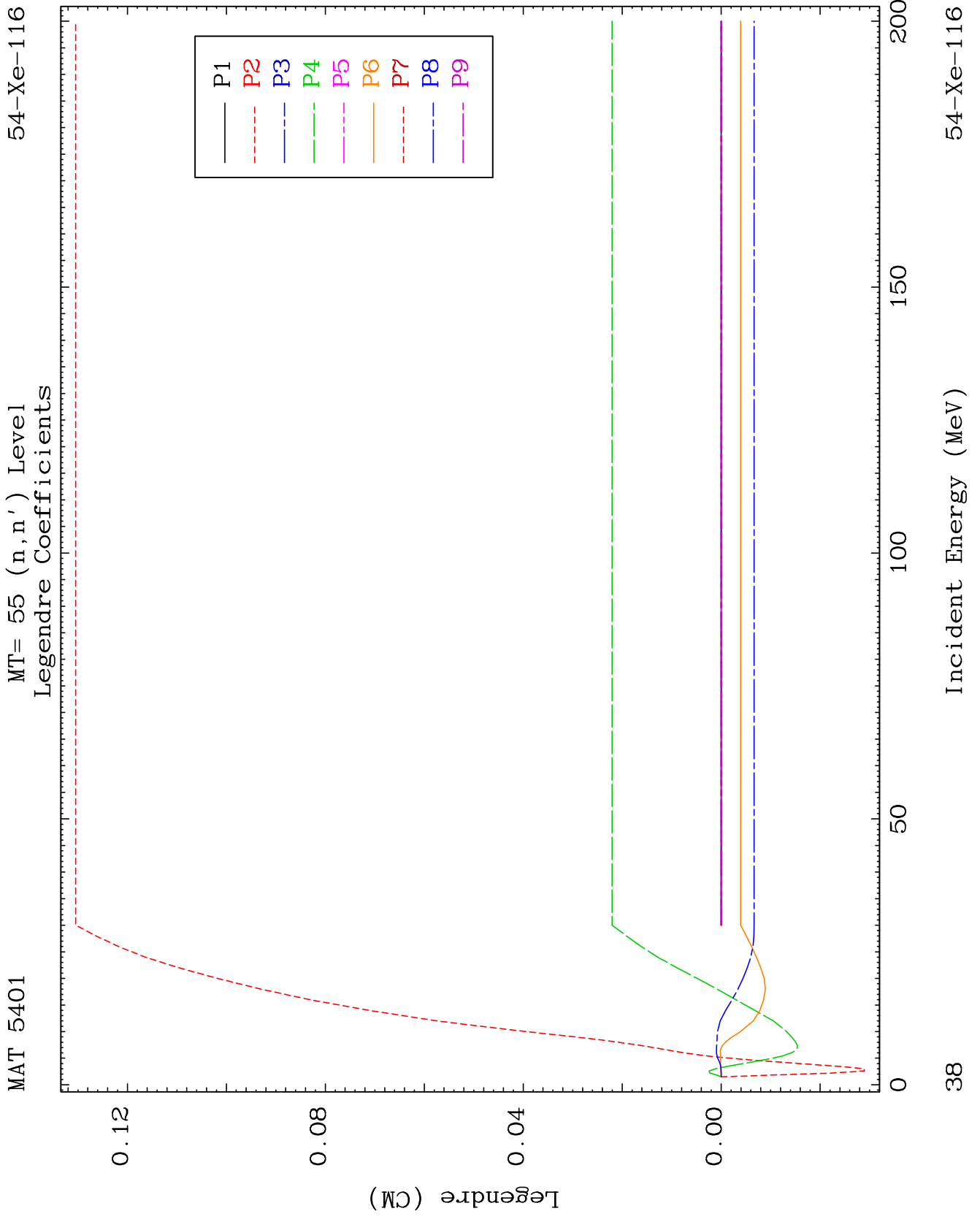
54-Xe-116



37

Incident Energy (MeV)

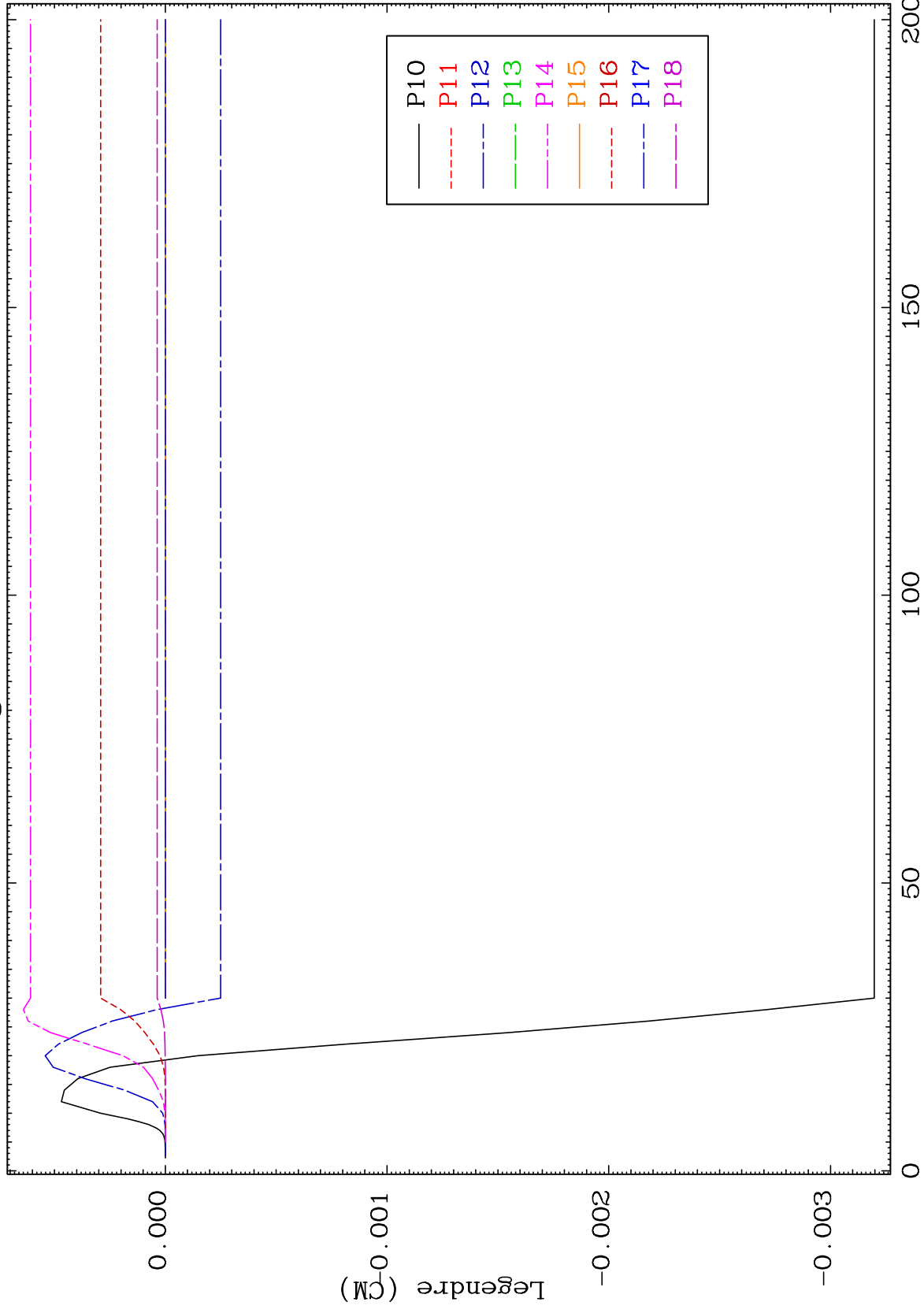
54-Xe-116



MAT 5401

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

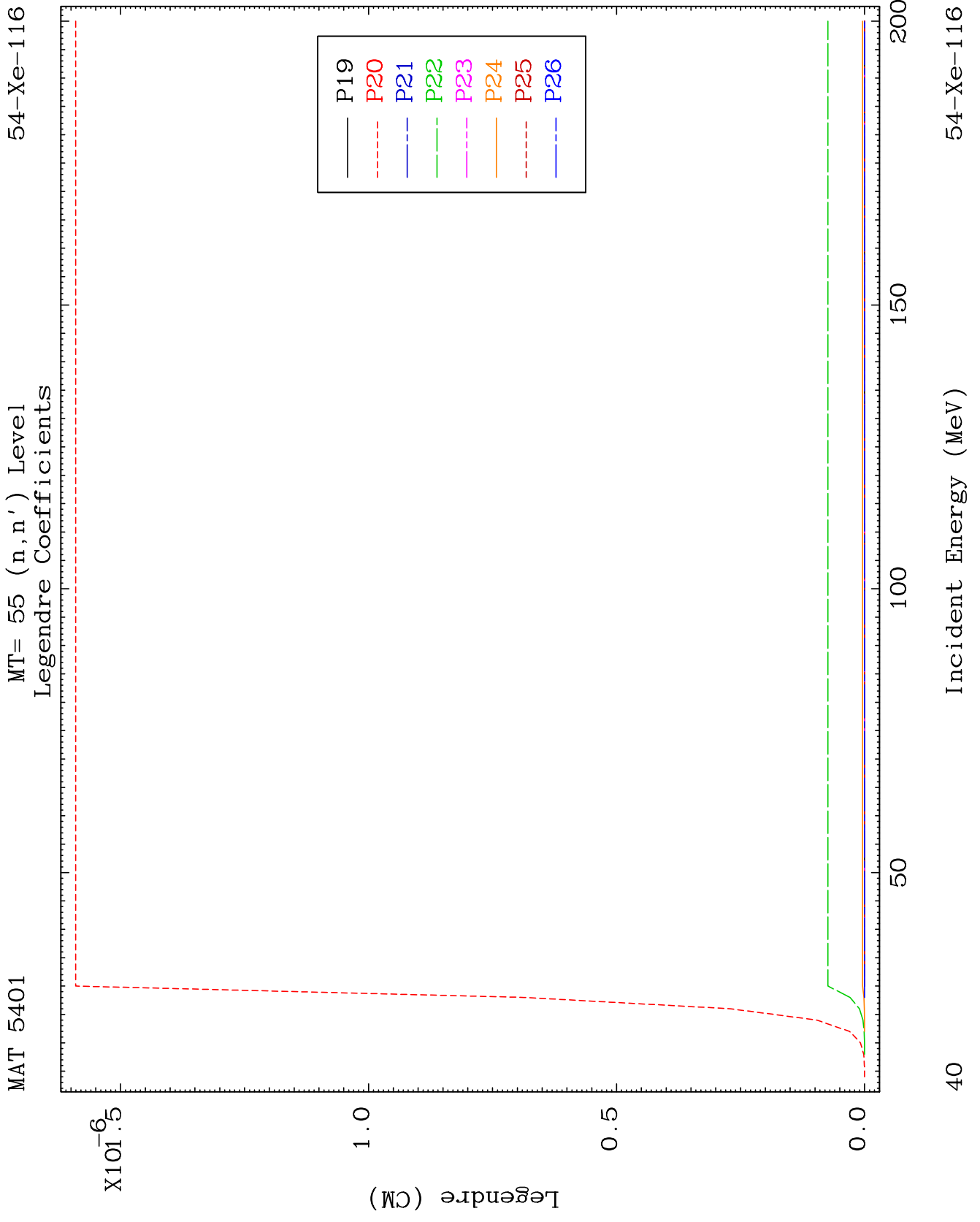
54-Xe-116



39

Incident Energy (MeV)

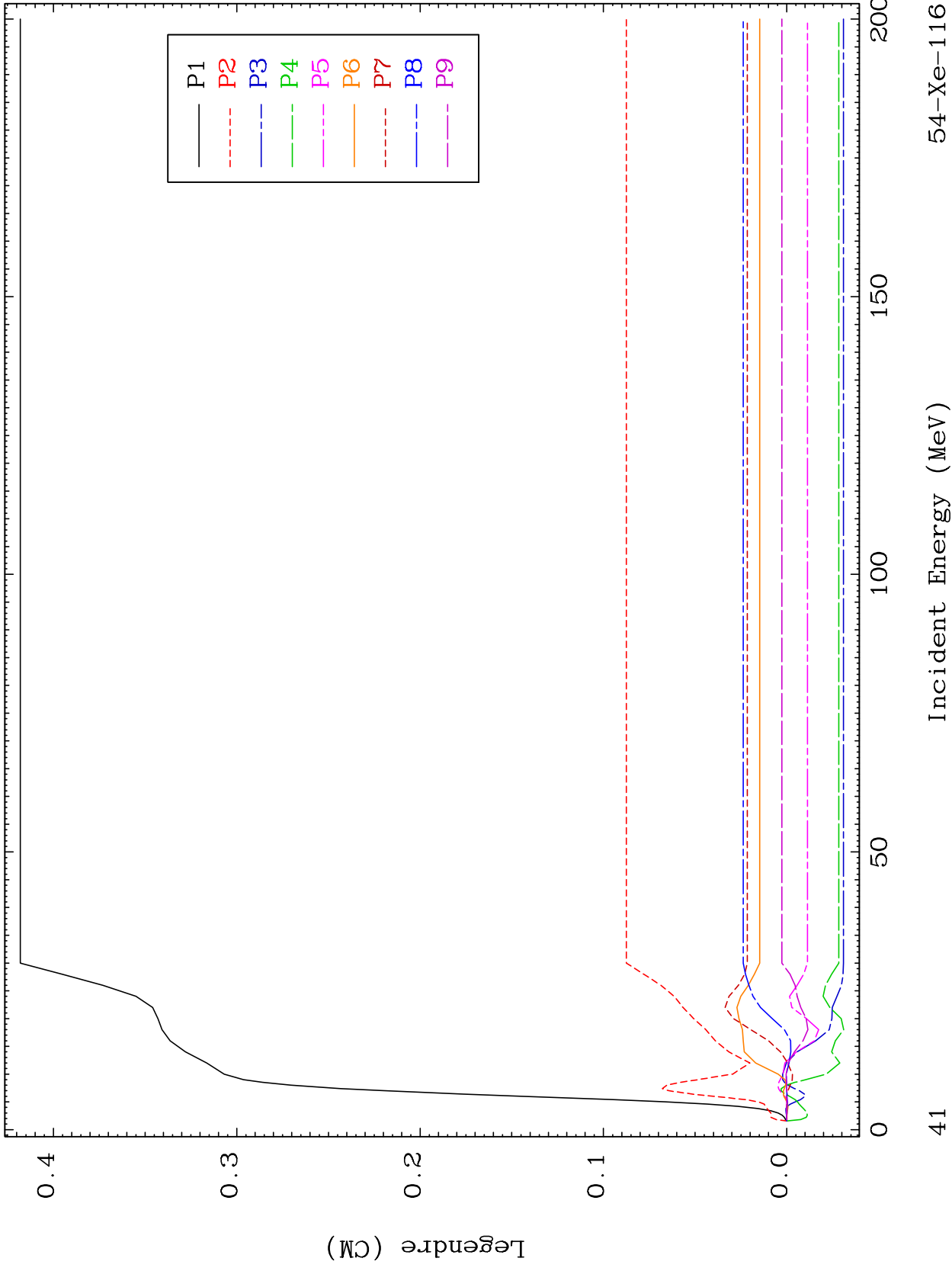
54-Xe-116



MAT 5401

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

54-Xe-116



41

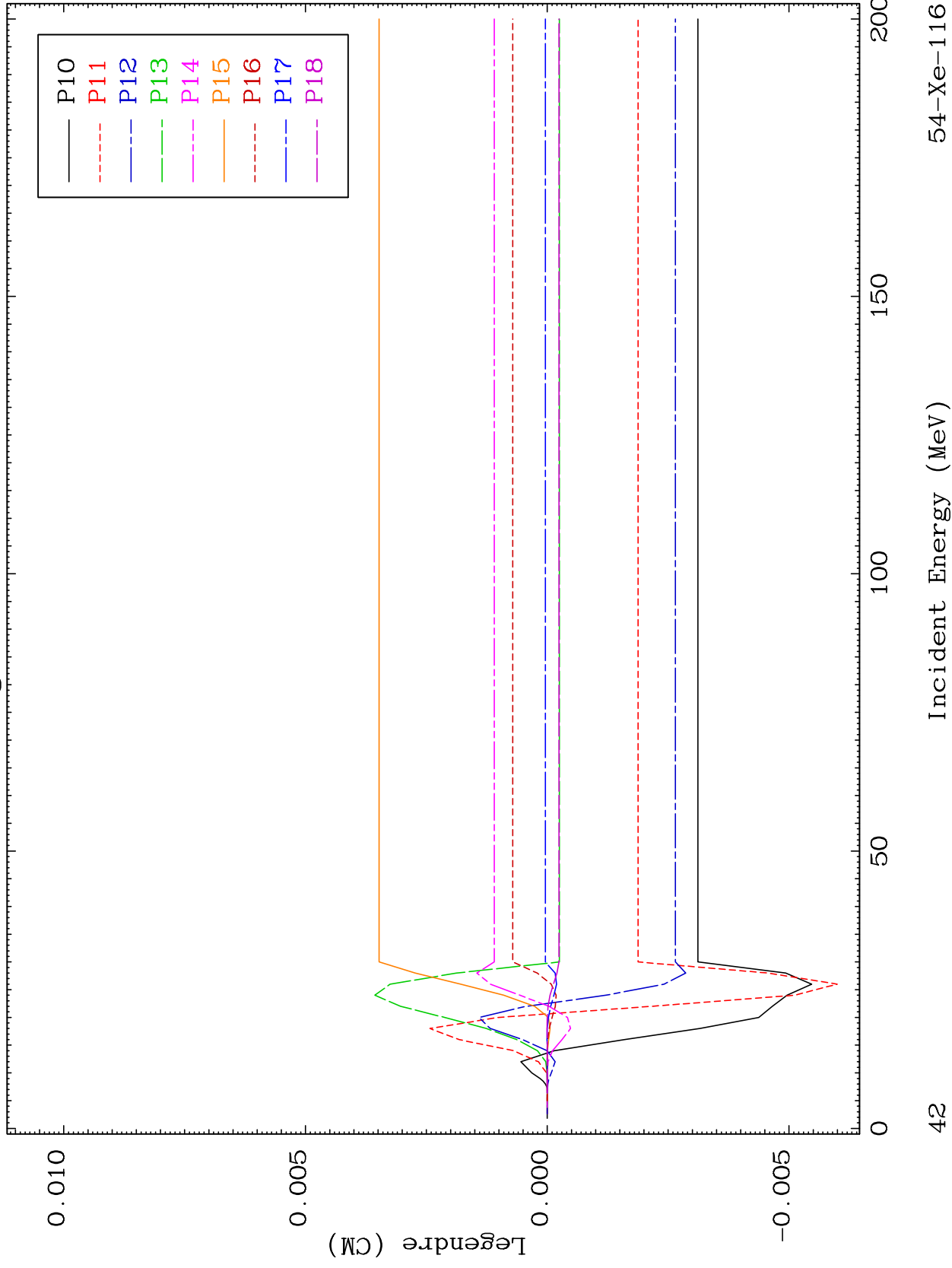
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



54-Xe-116

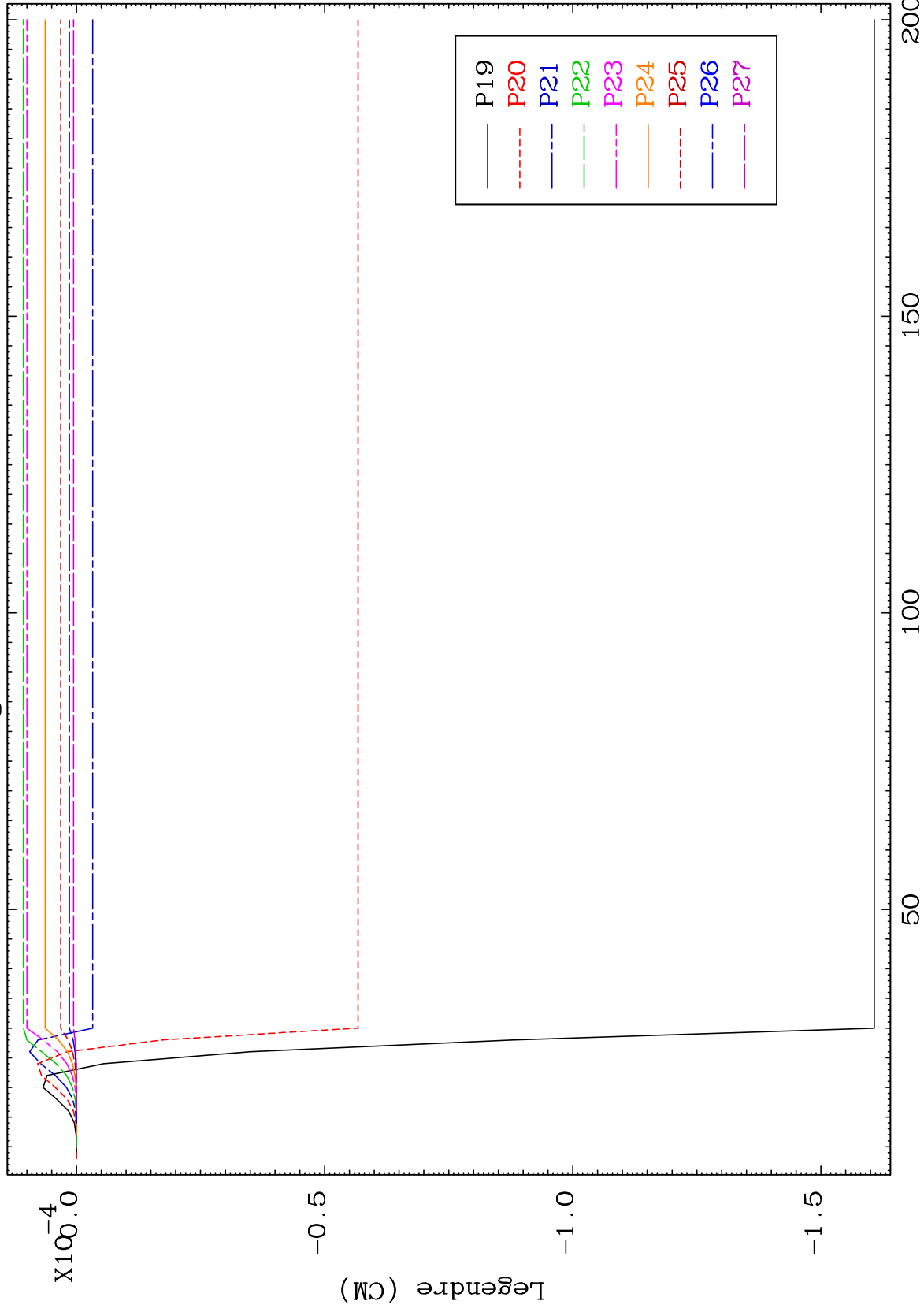
Incident Energy (MeV)

42

MAT 5401

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

54-Xe-116



43

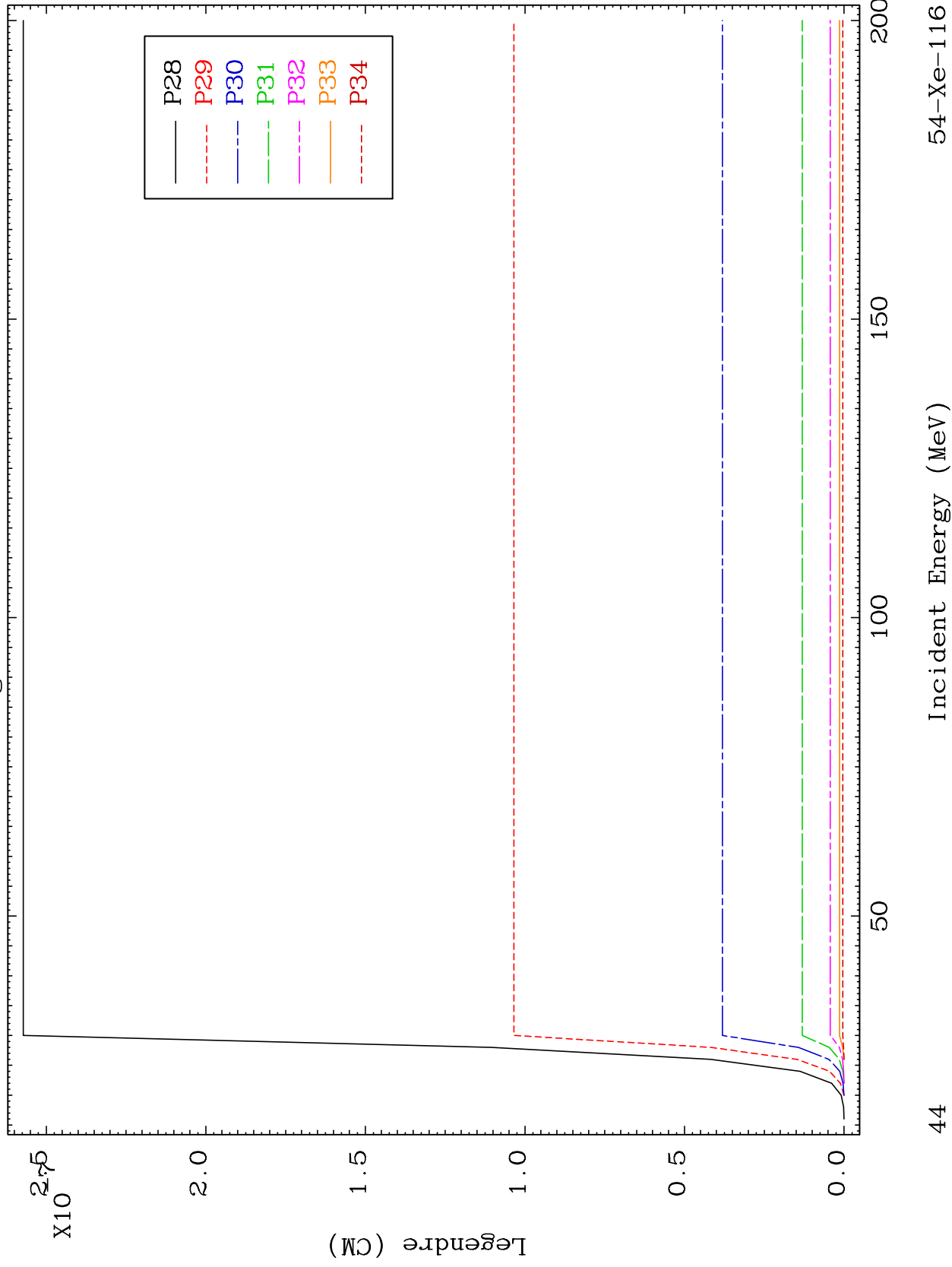
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



44

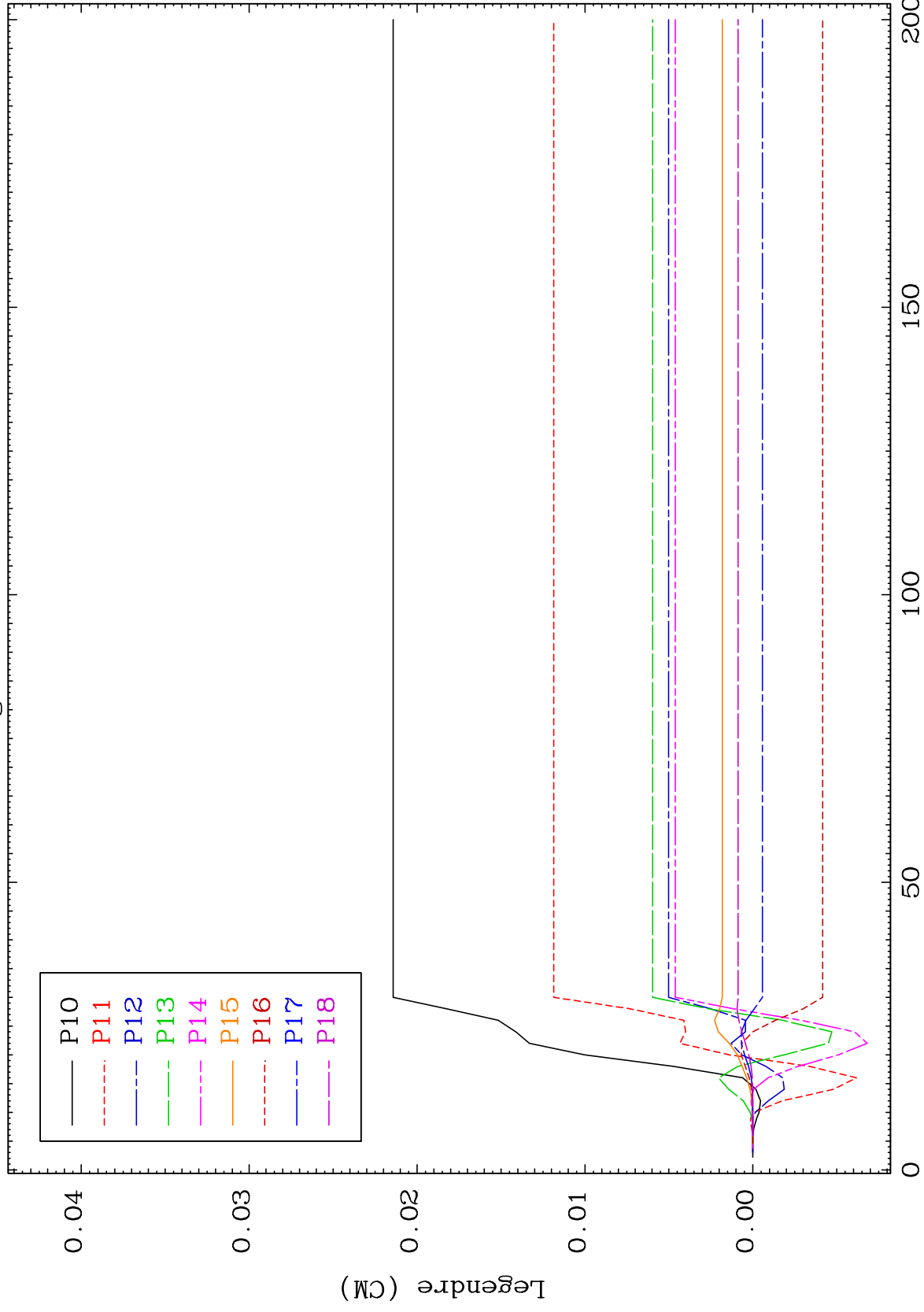
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



46

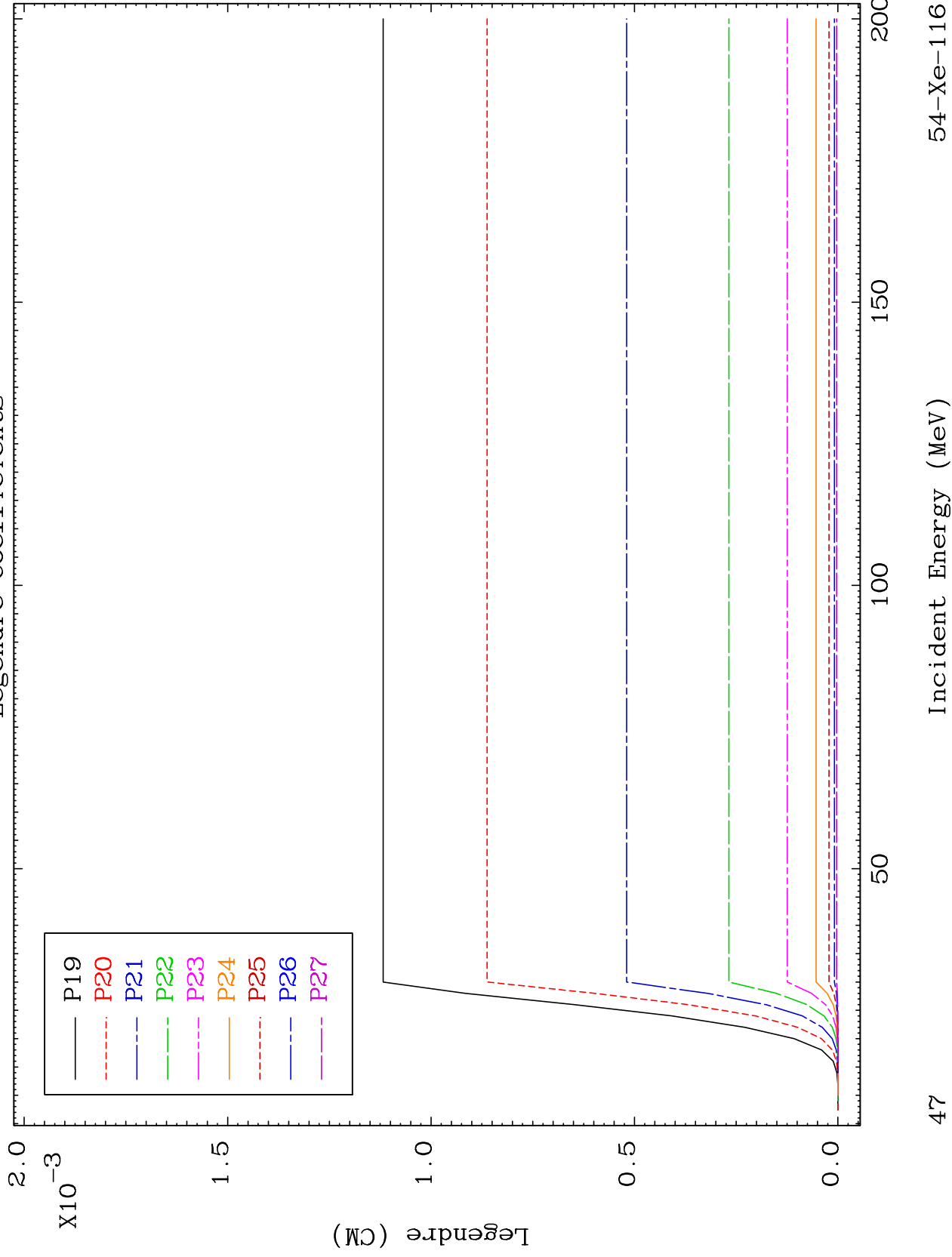
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

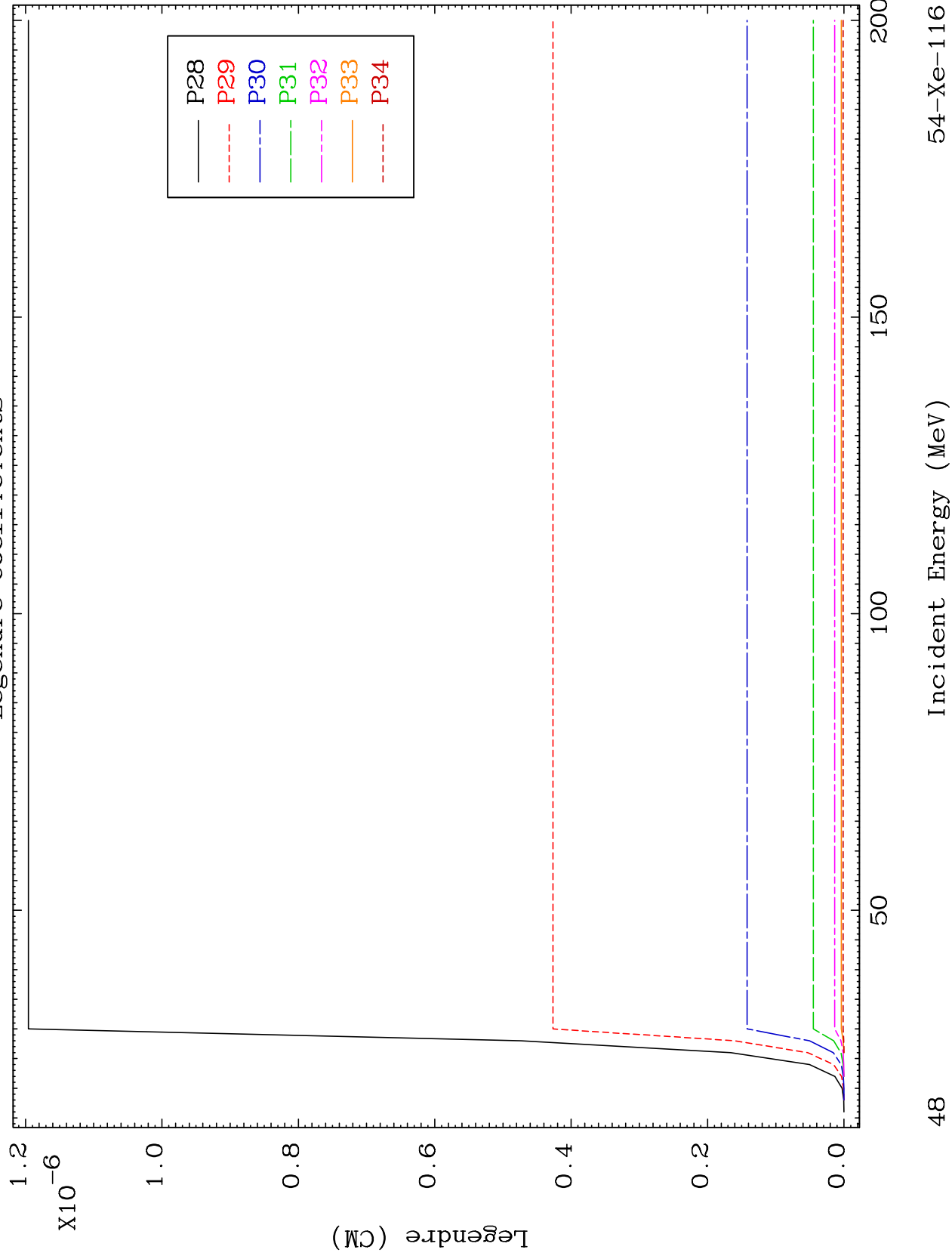
54-Xe-116



MAT 5401

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

54-Xe-116



54-Xe-116

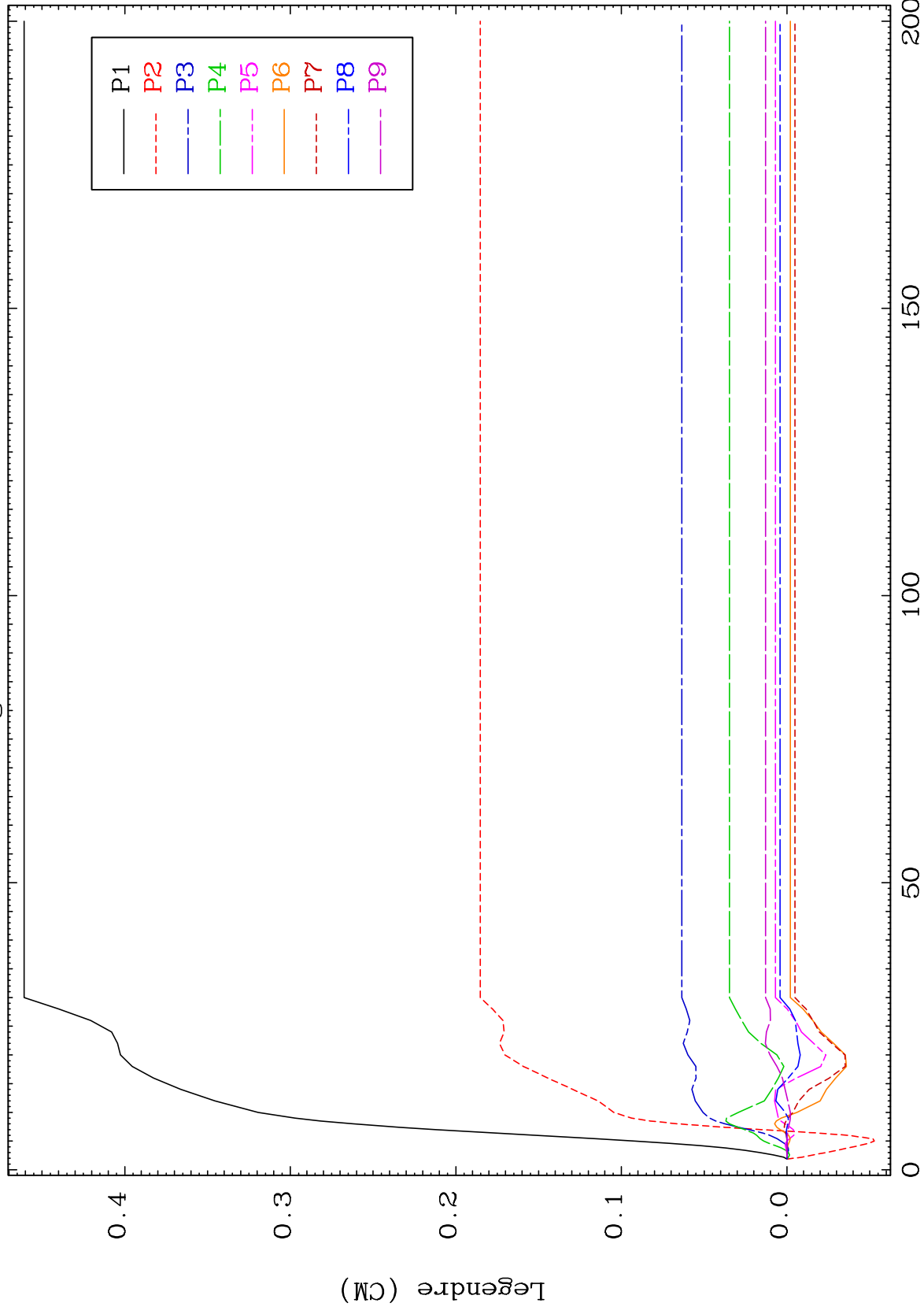
Incident Energy (MeV)

48

MAT 5401

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

54-Xe-116



49

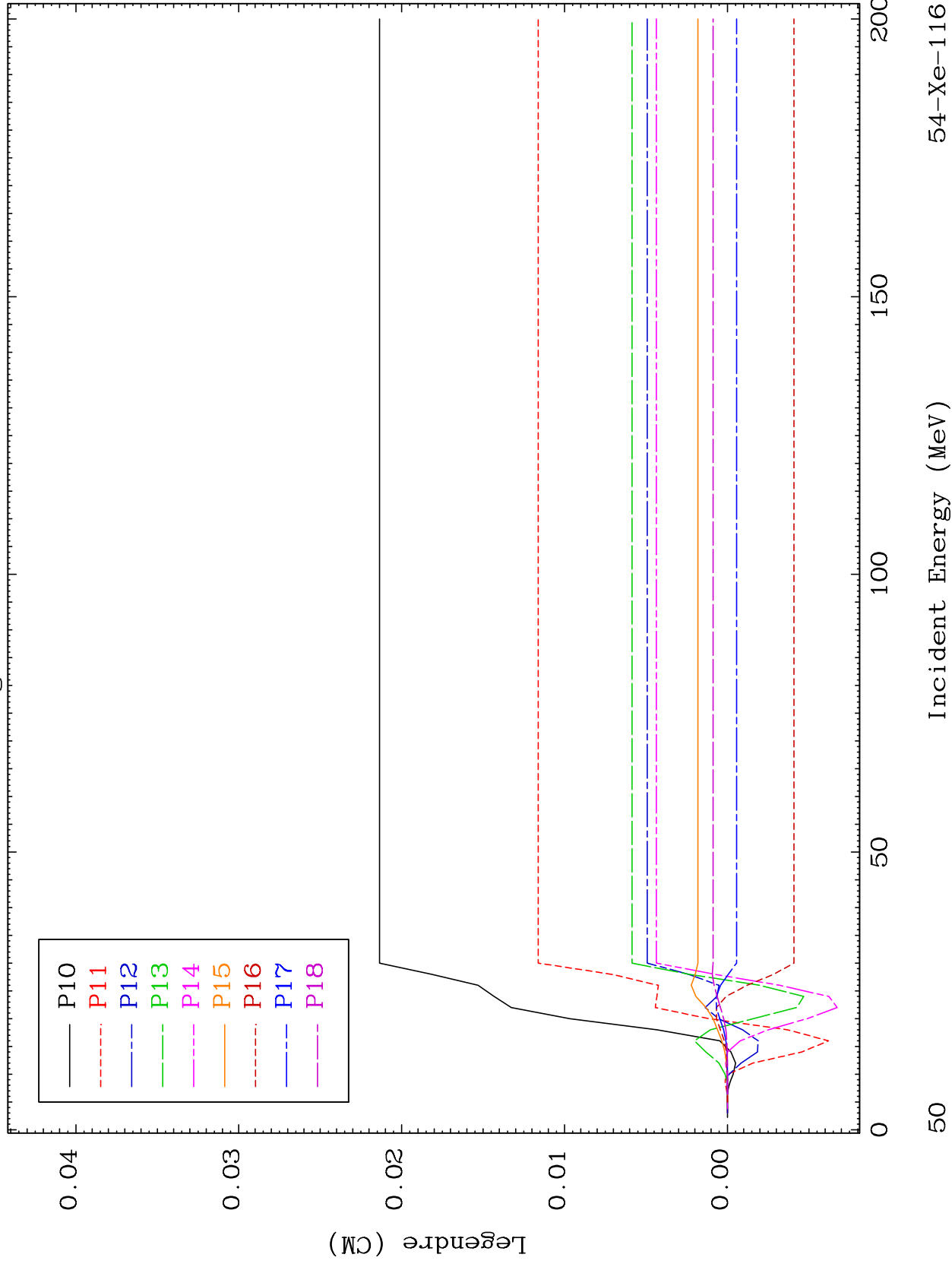
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116

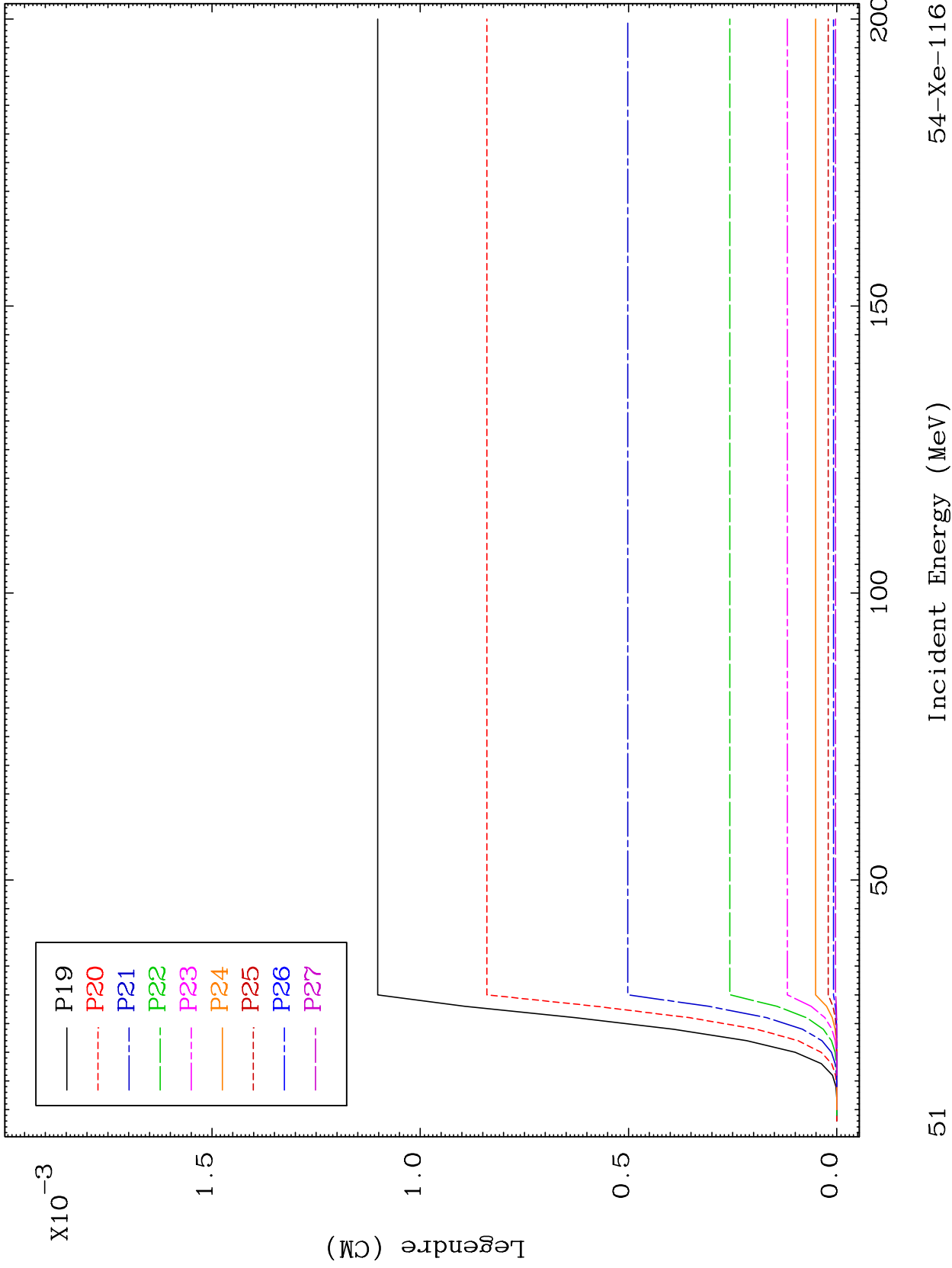


54-Xe-116

MAT 5401

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

54-Xe-116



51

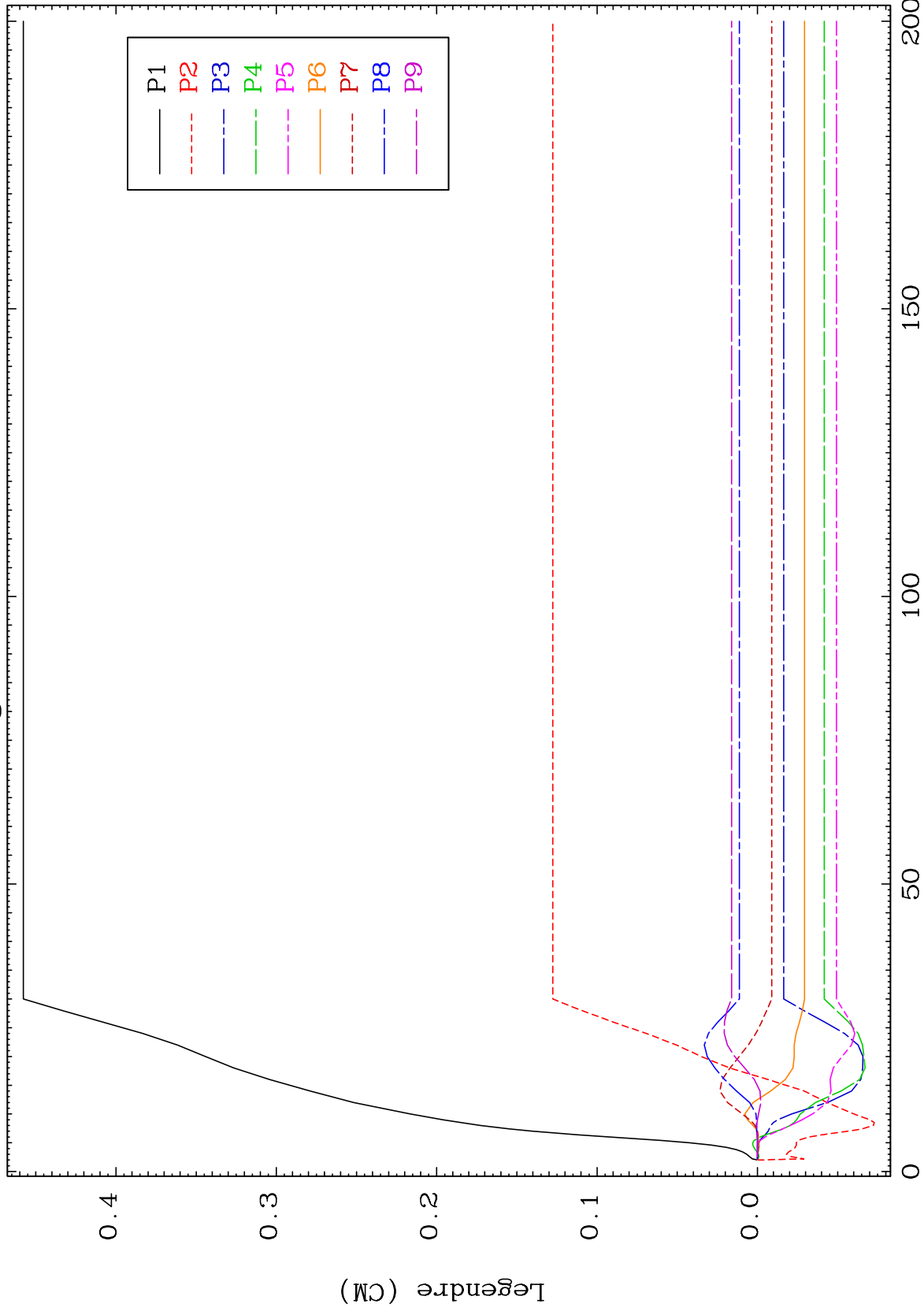
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



53

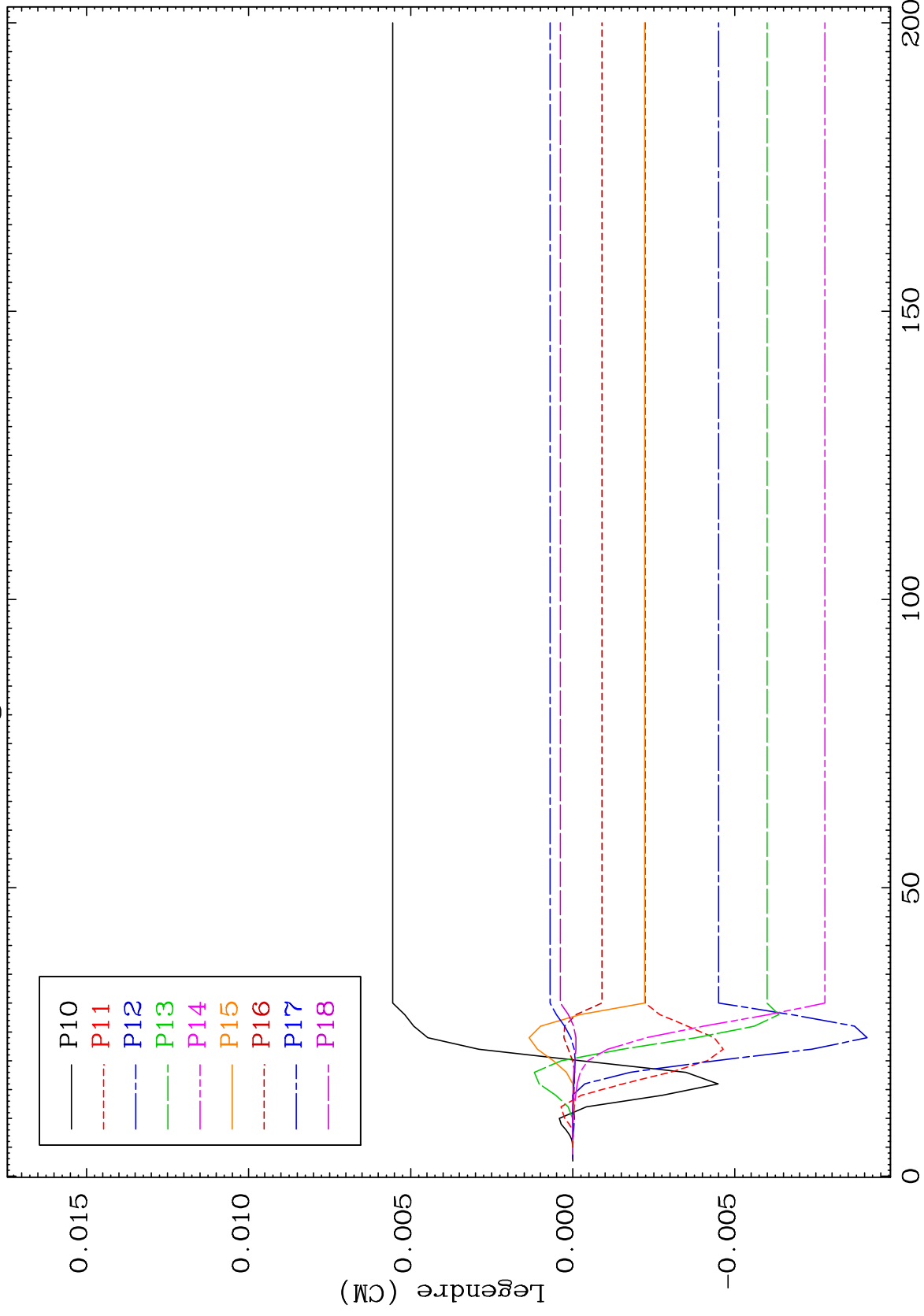
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

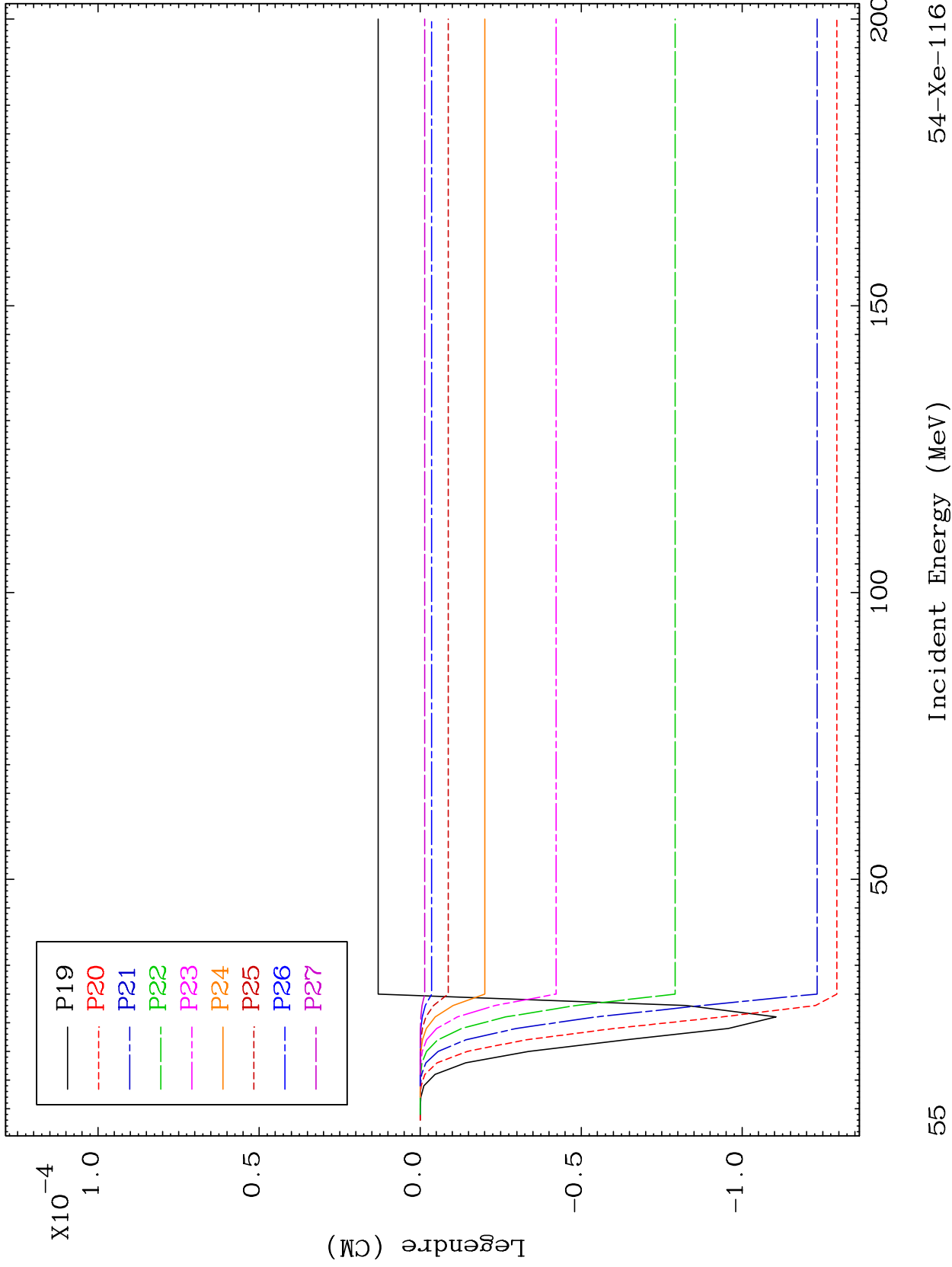
54-Xe-116



54

Incident Energy (MeV)

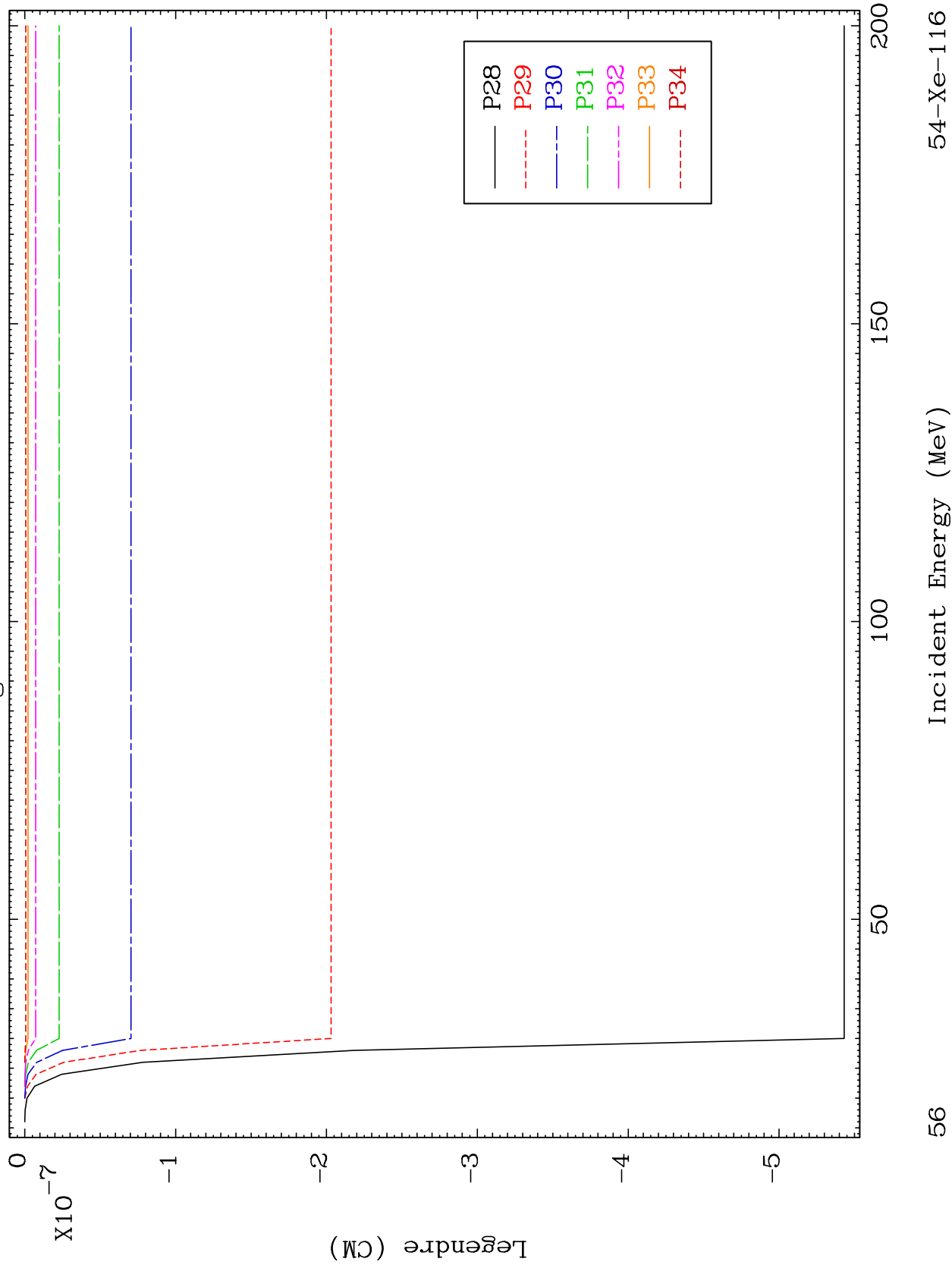
54-Xe-116



MAT 5401

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

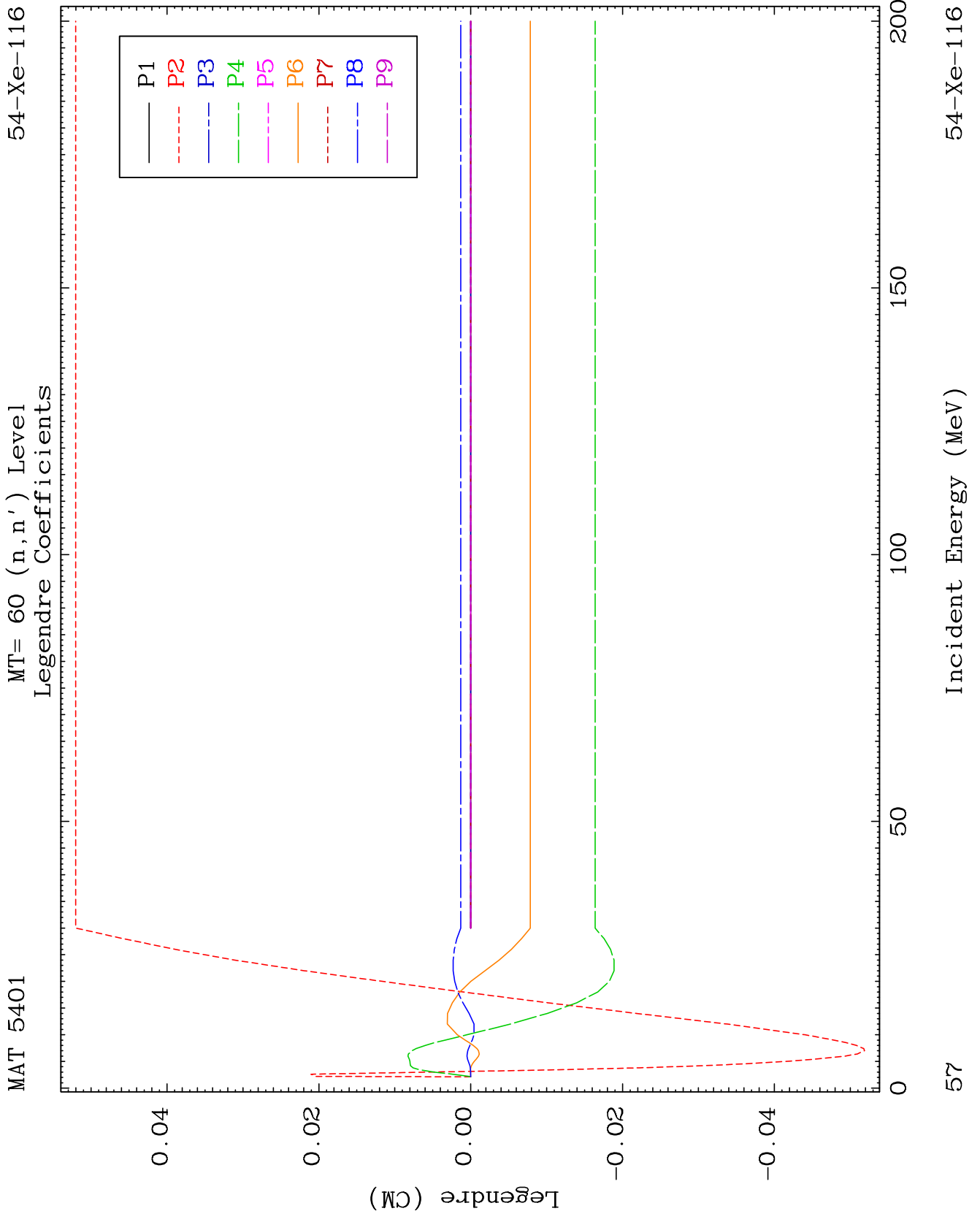
54-Xe-116



56

Incident Energy (MeV)

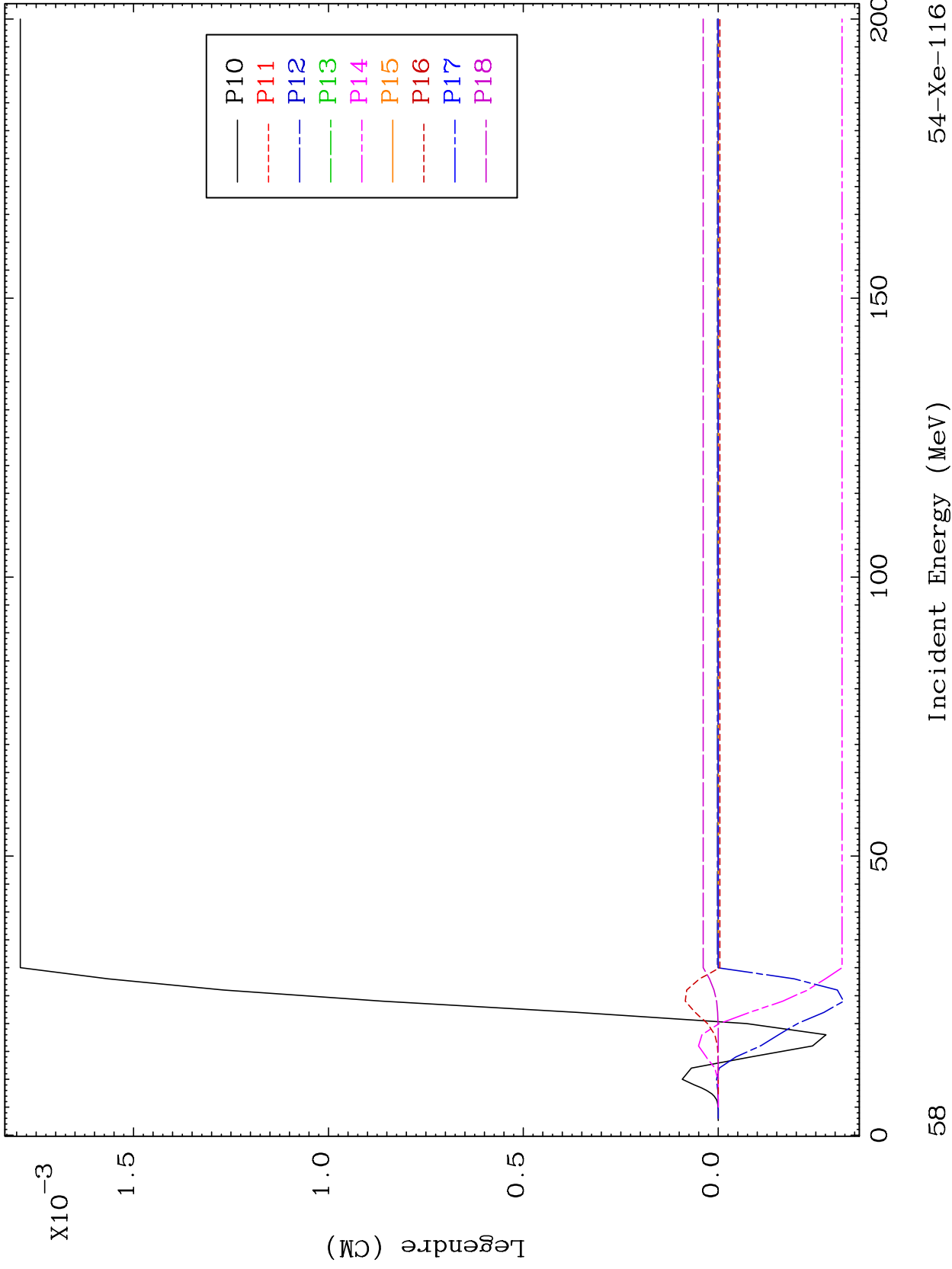
54-Xe-116



MAT 5401

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

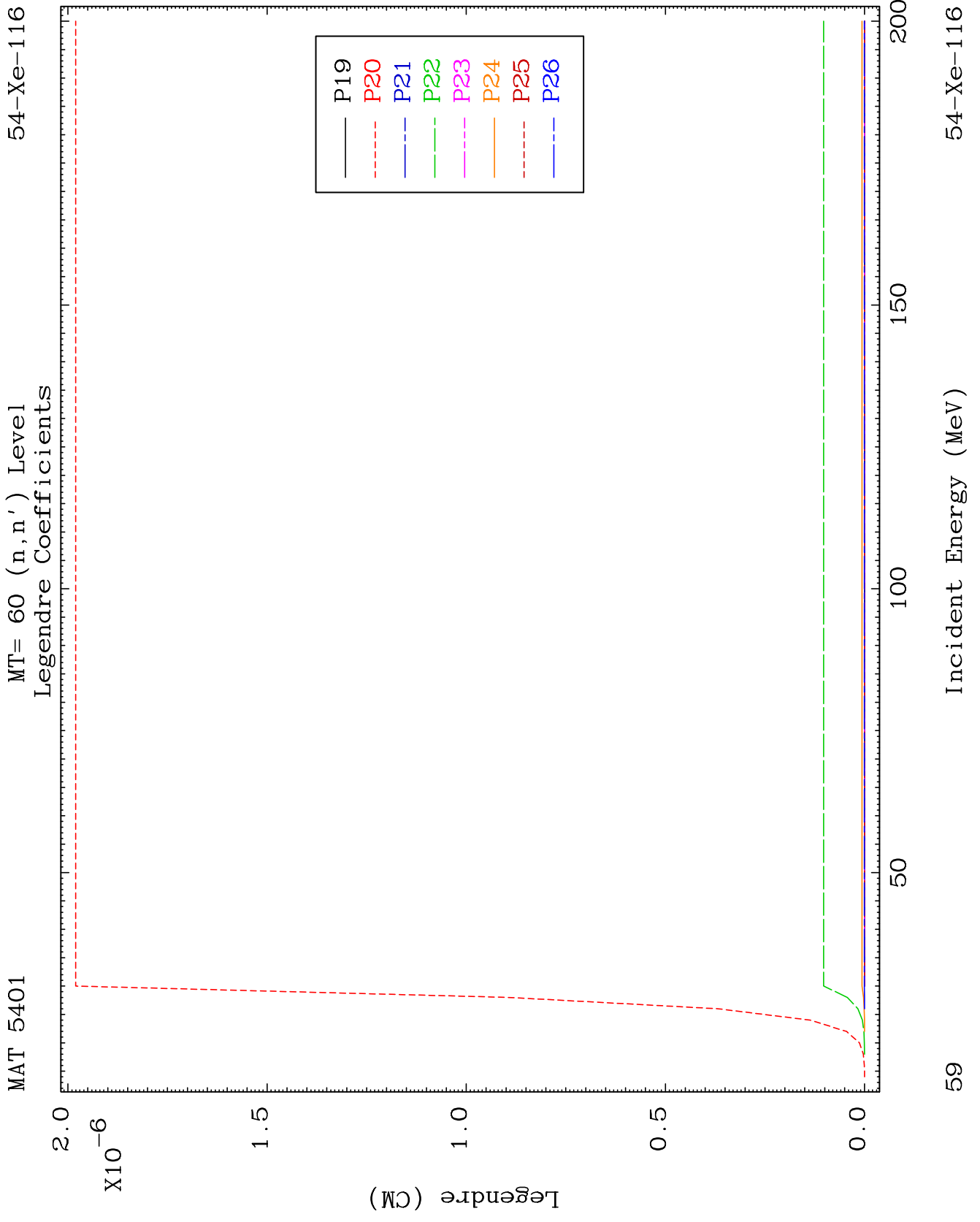
54-Xe-116



54-Xe-116

Incident Energy (MeV)

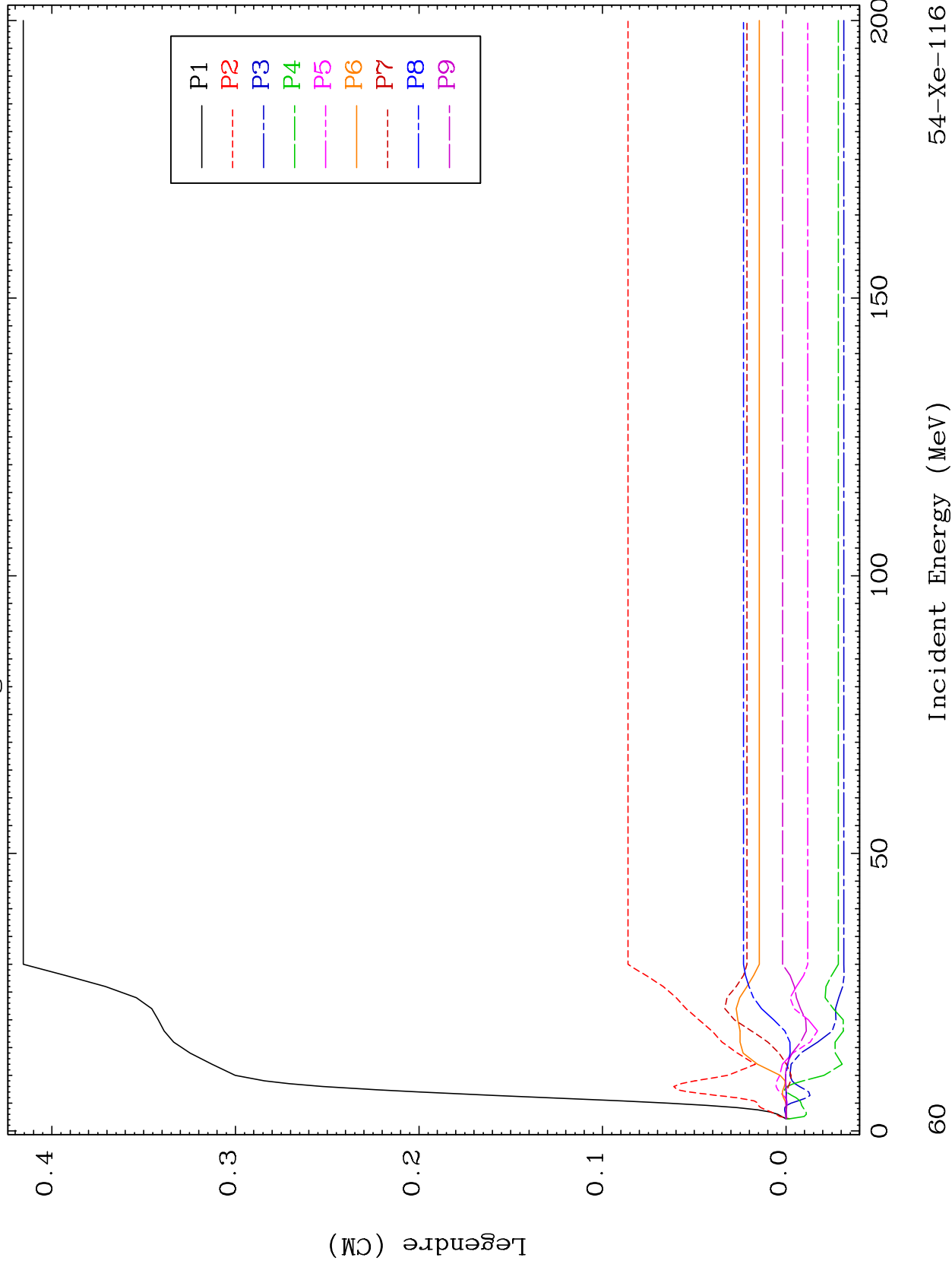
58



MAT 5401

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

54-Xe-116



54-Xe-116

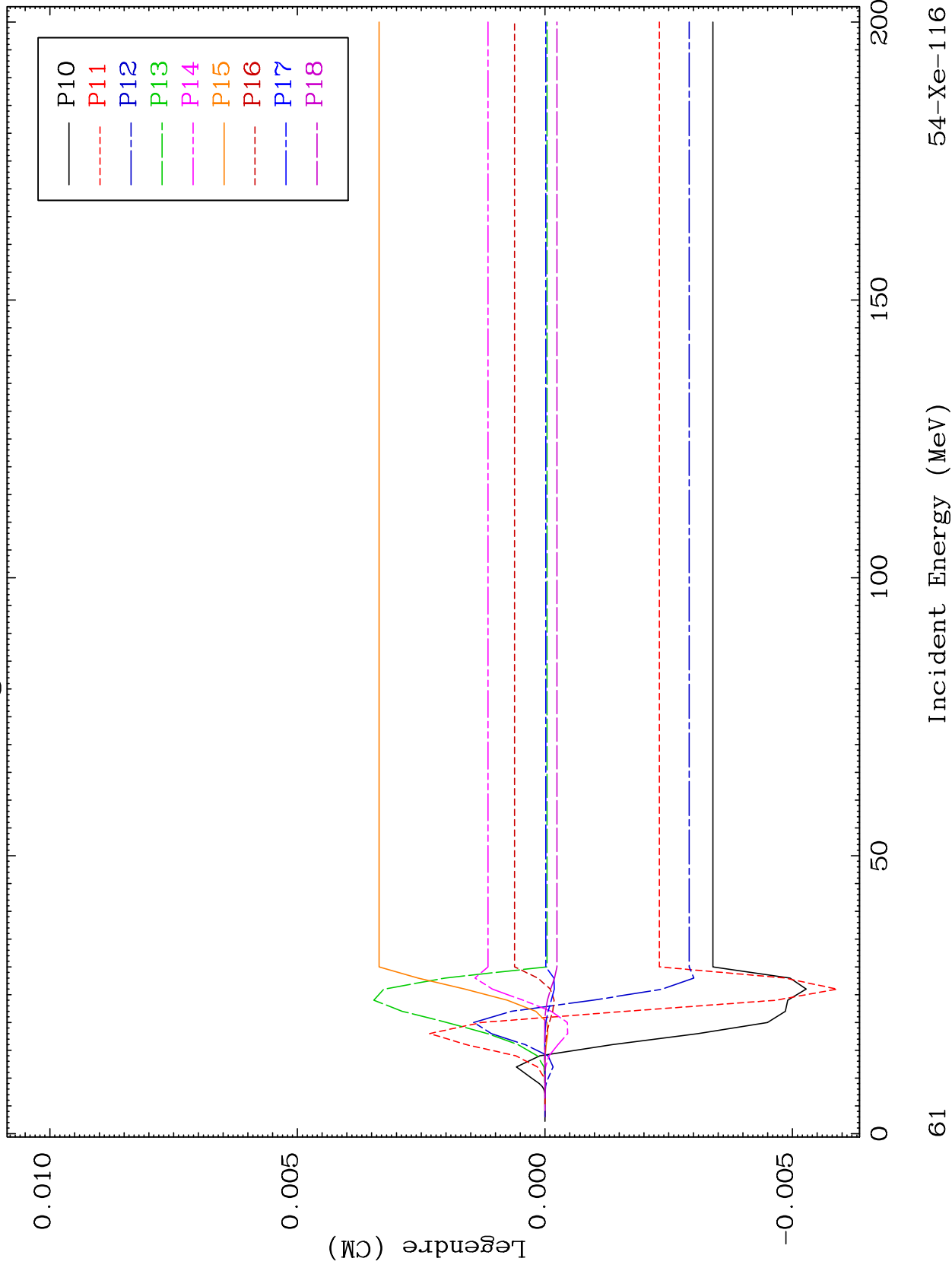
Incident Energy (MeV)

60

MAT 5401

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

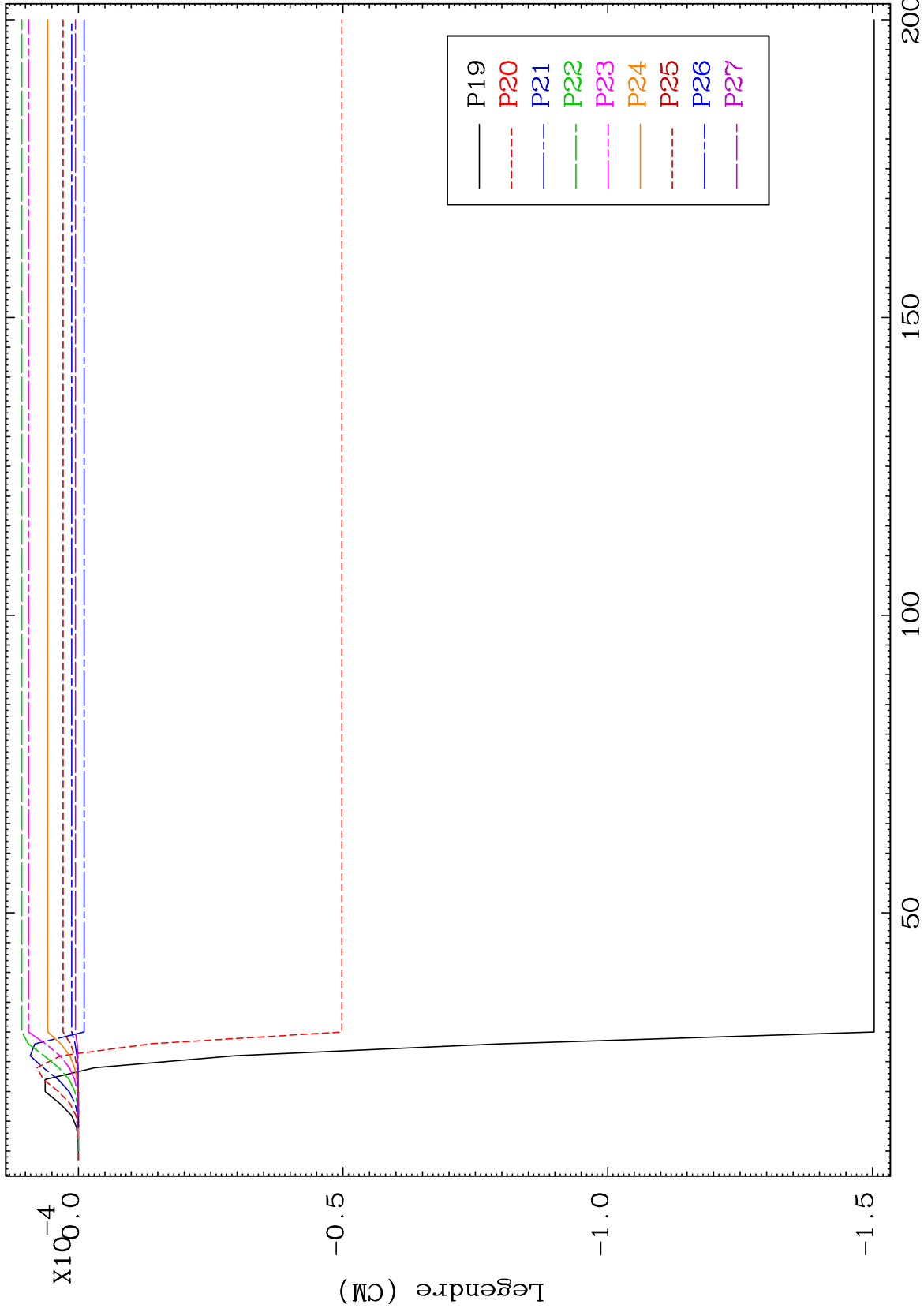
54-Xe-116



MAT 5401

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

54-Xe-116



62

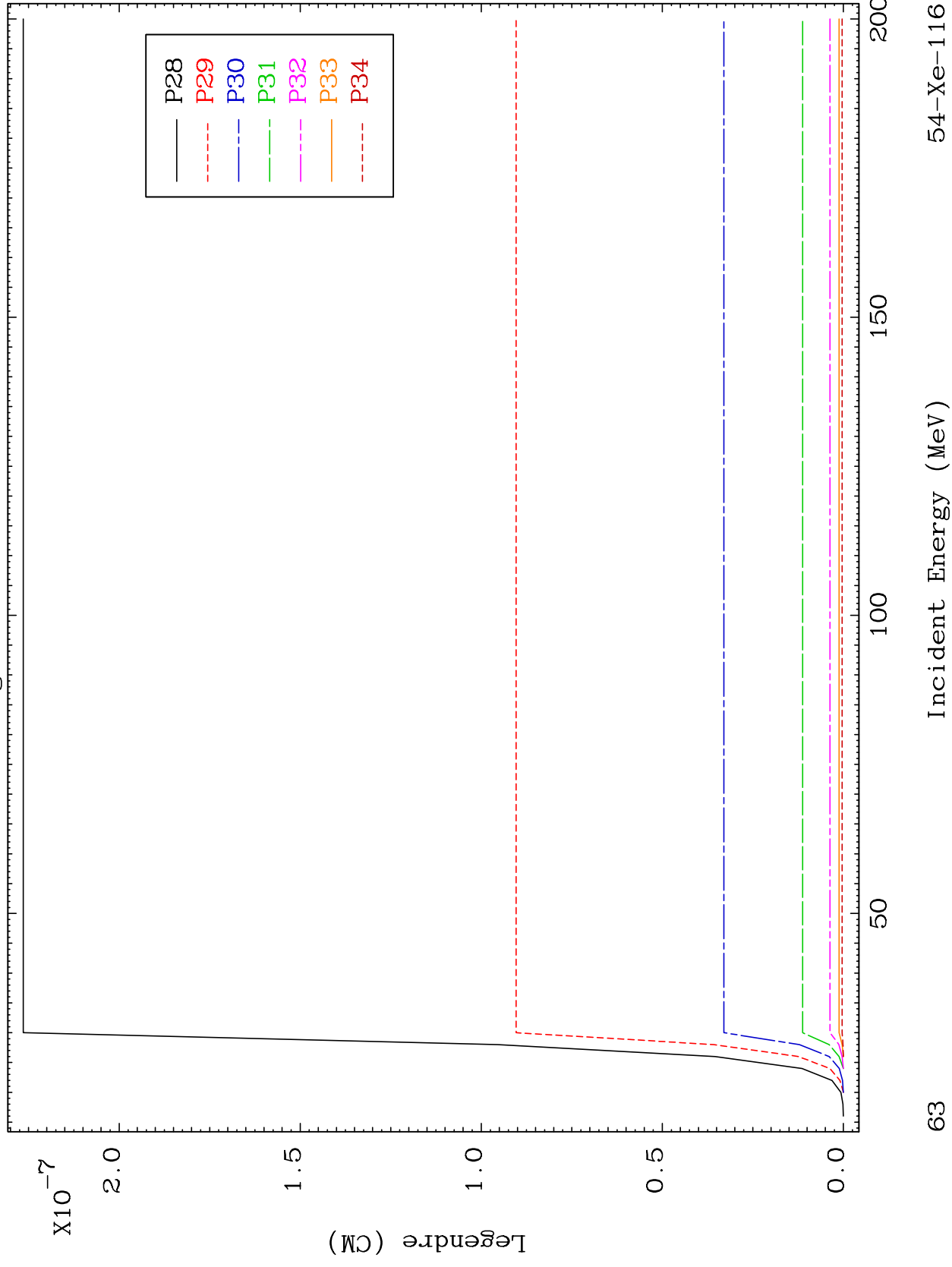
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

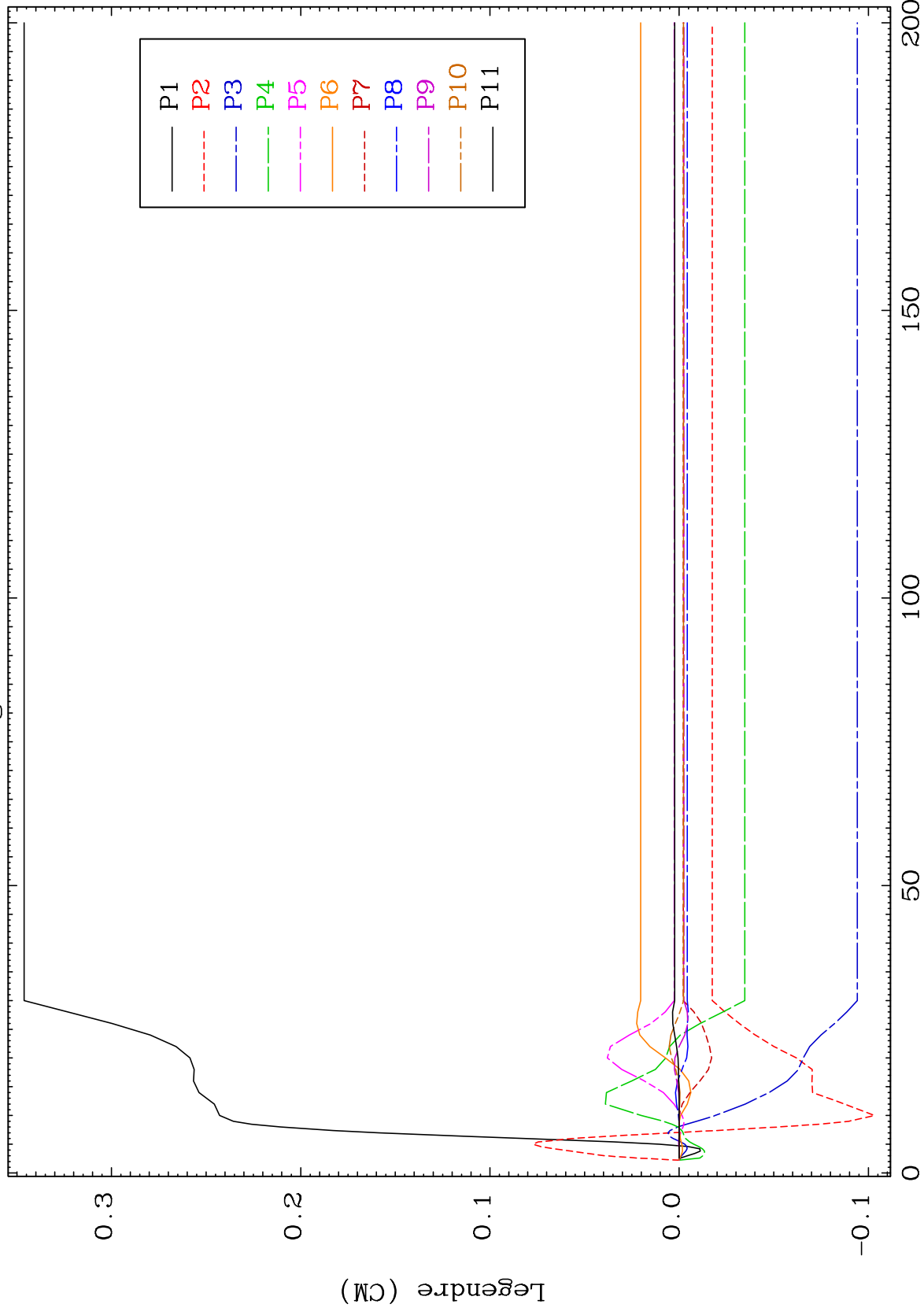
54-Xe-116



MAT 5401

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

54-Xe-116



64

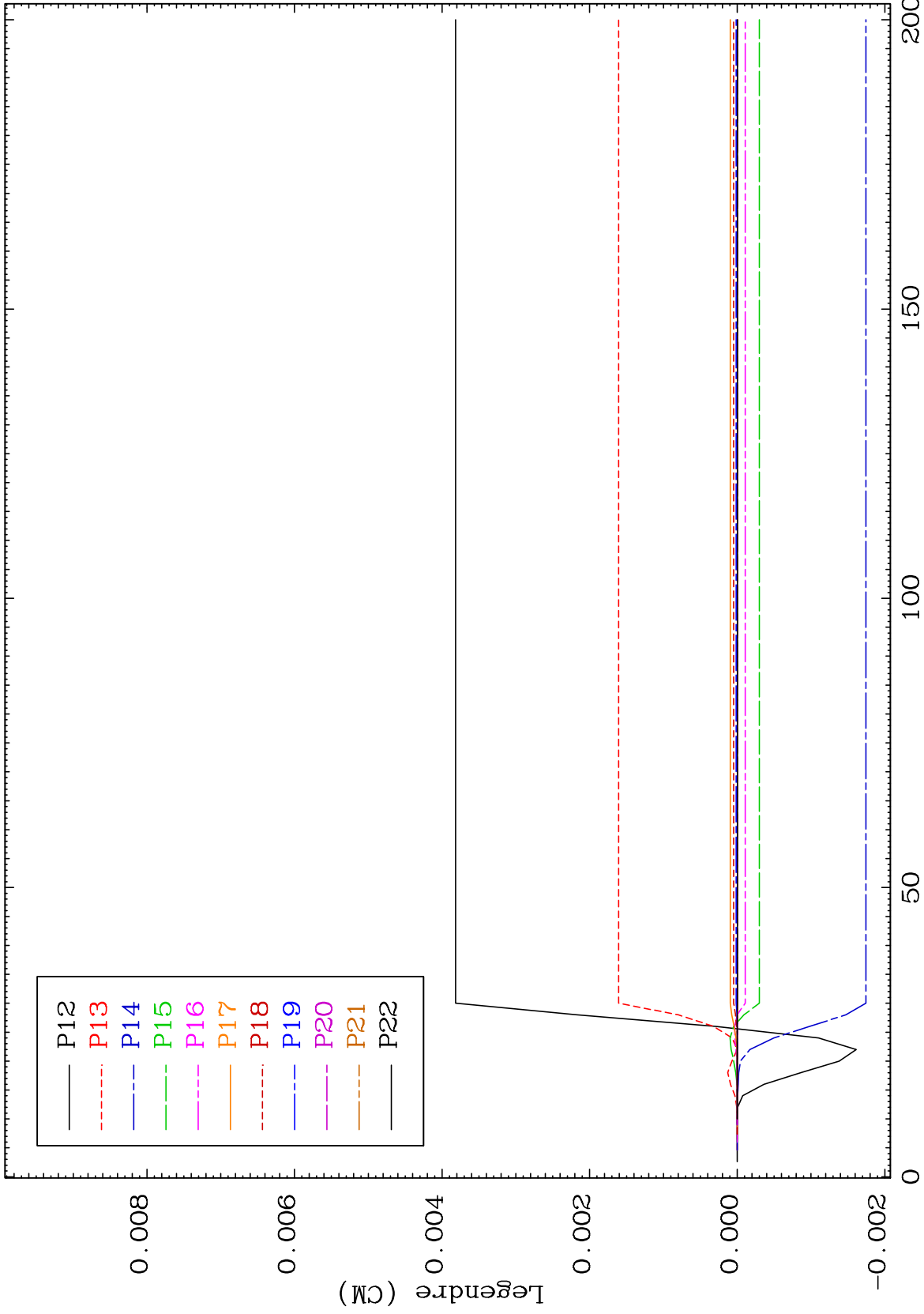
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



65

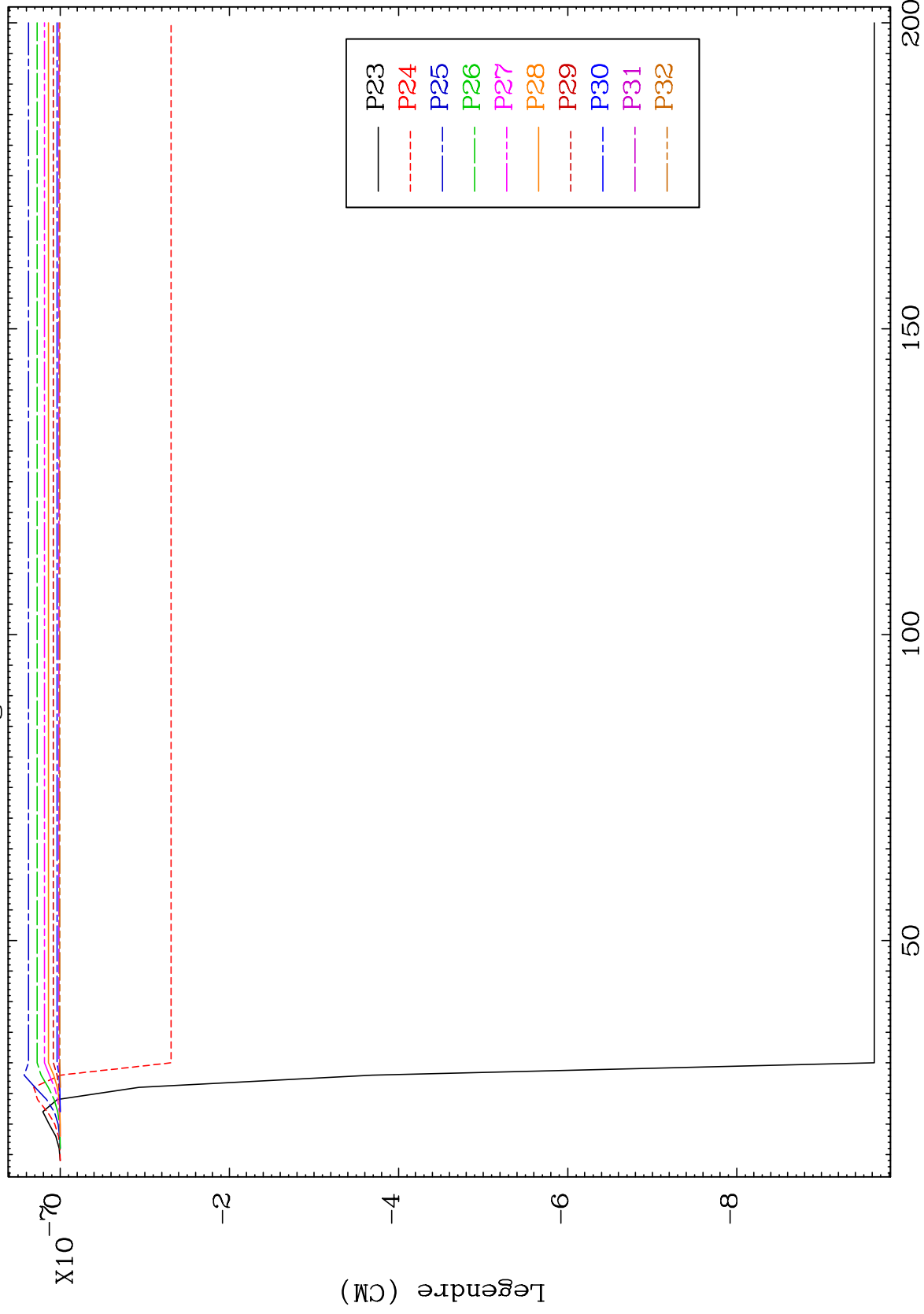
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



66

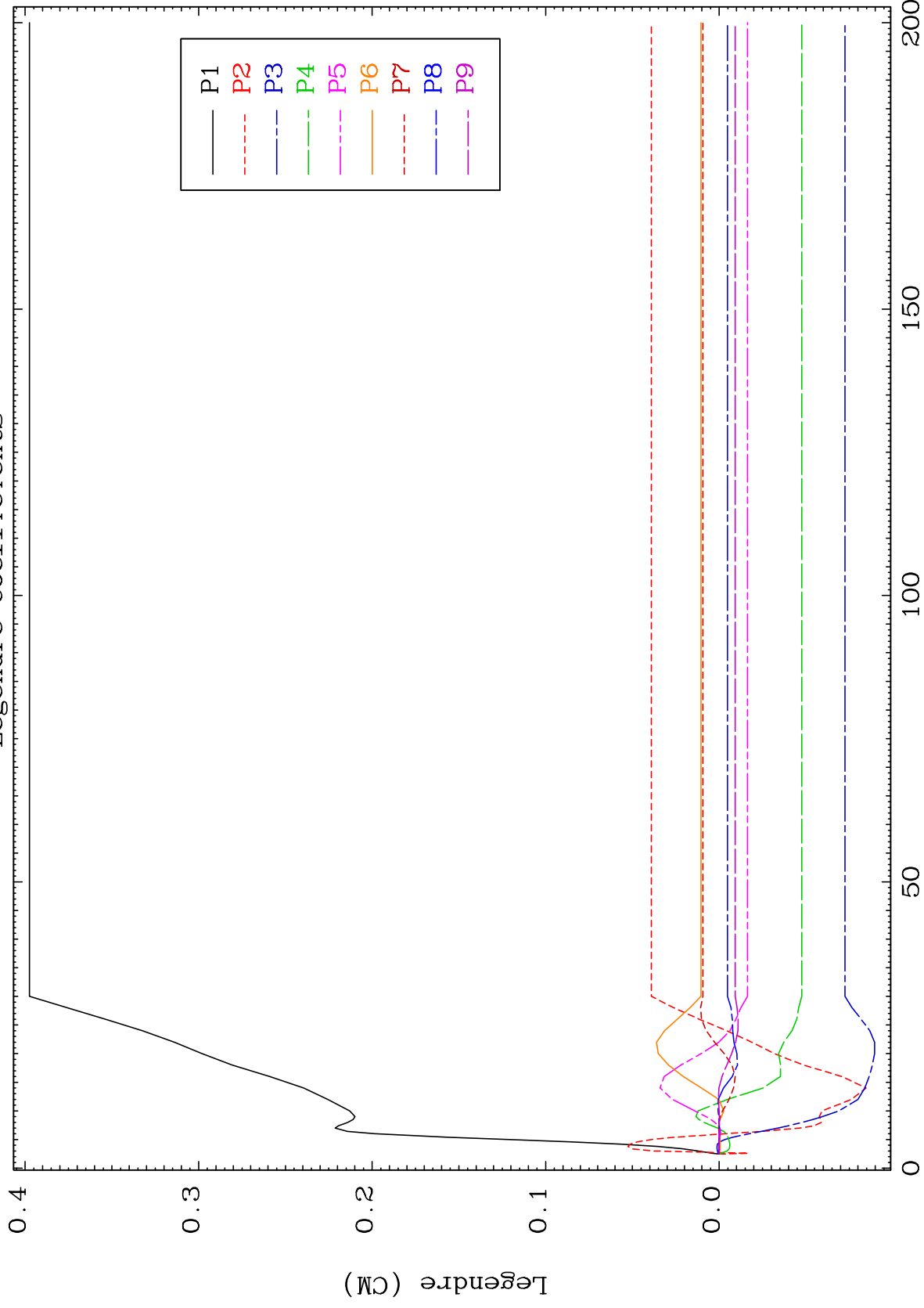
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



67

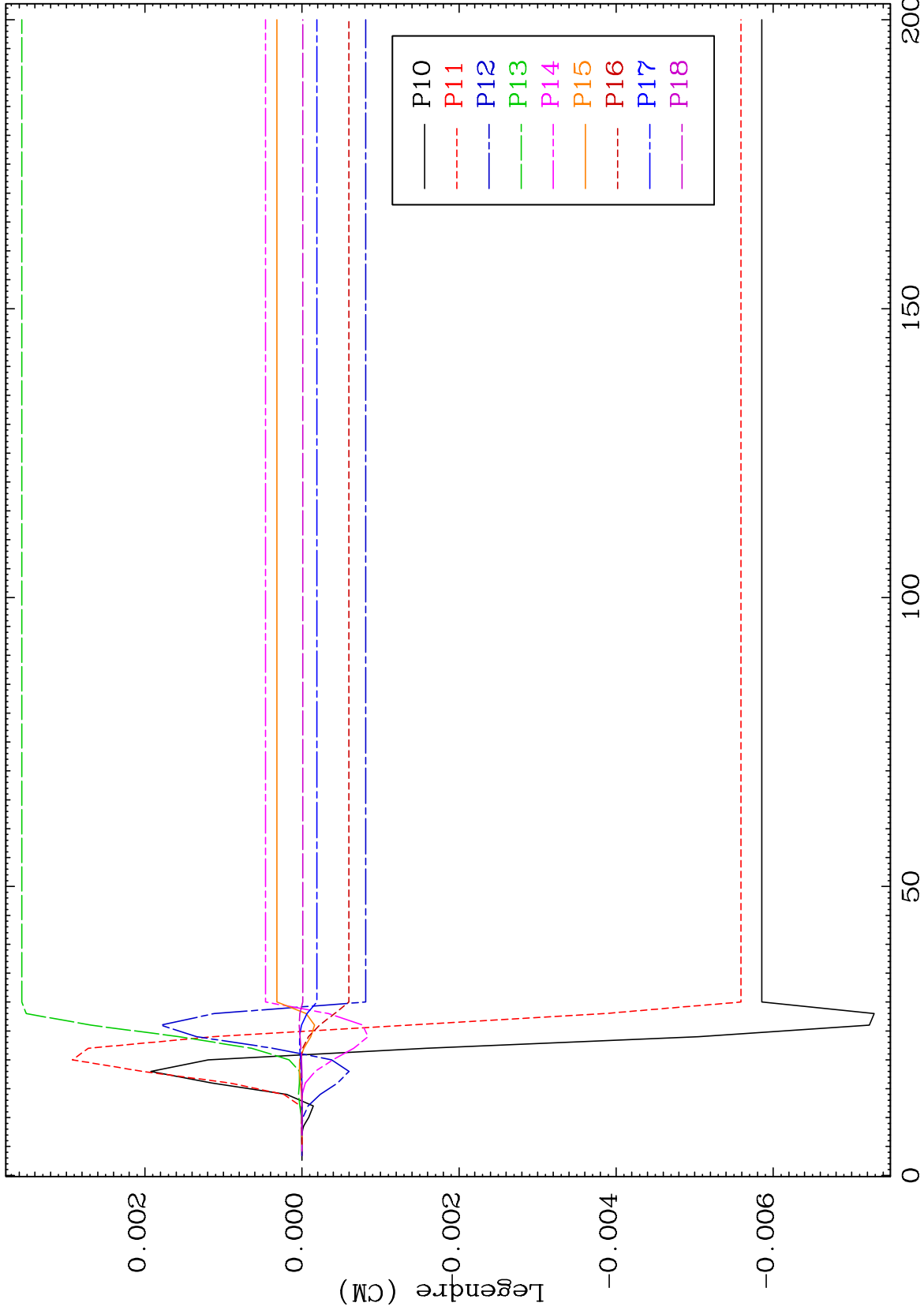
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



68

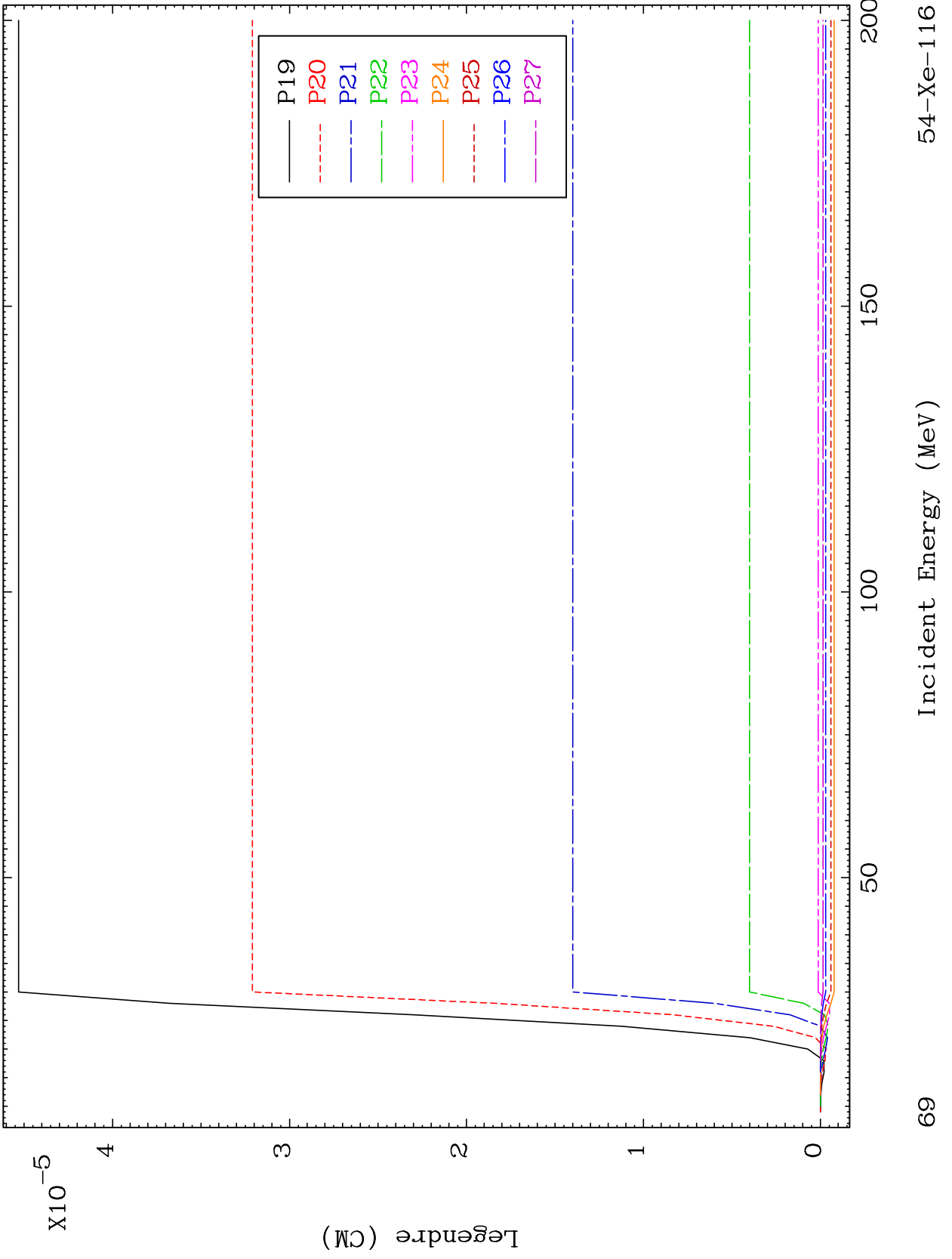
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

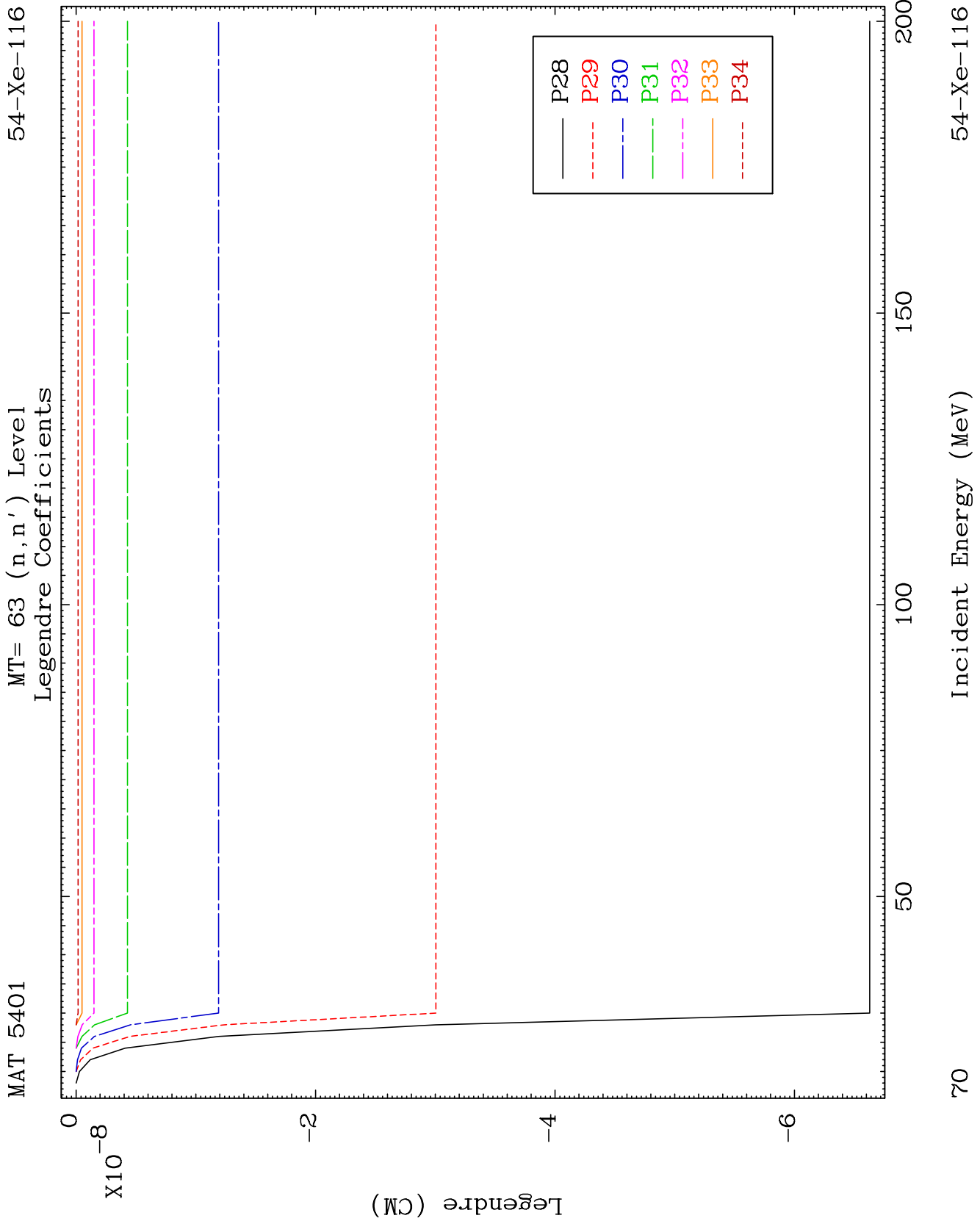
54-Xe-116



69

Incident Energy (MeV)

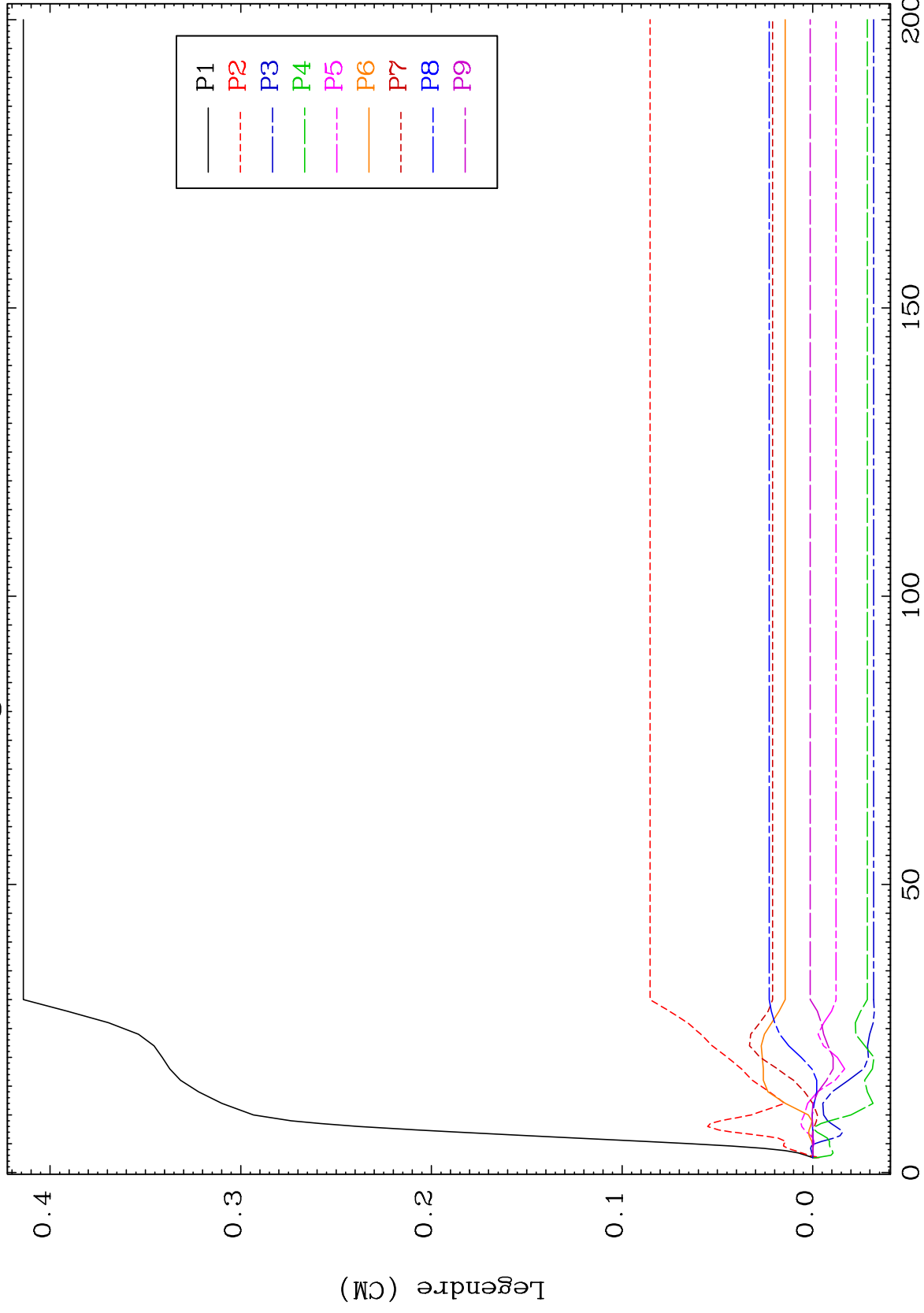
54-Xe-116



MAT 5401

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

54-Xe-116



71

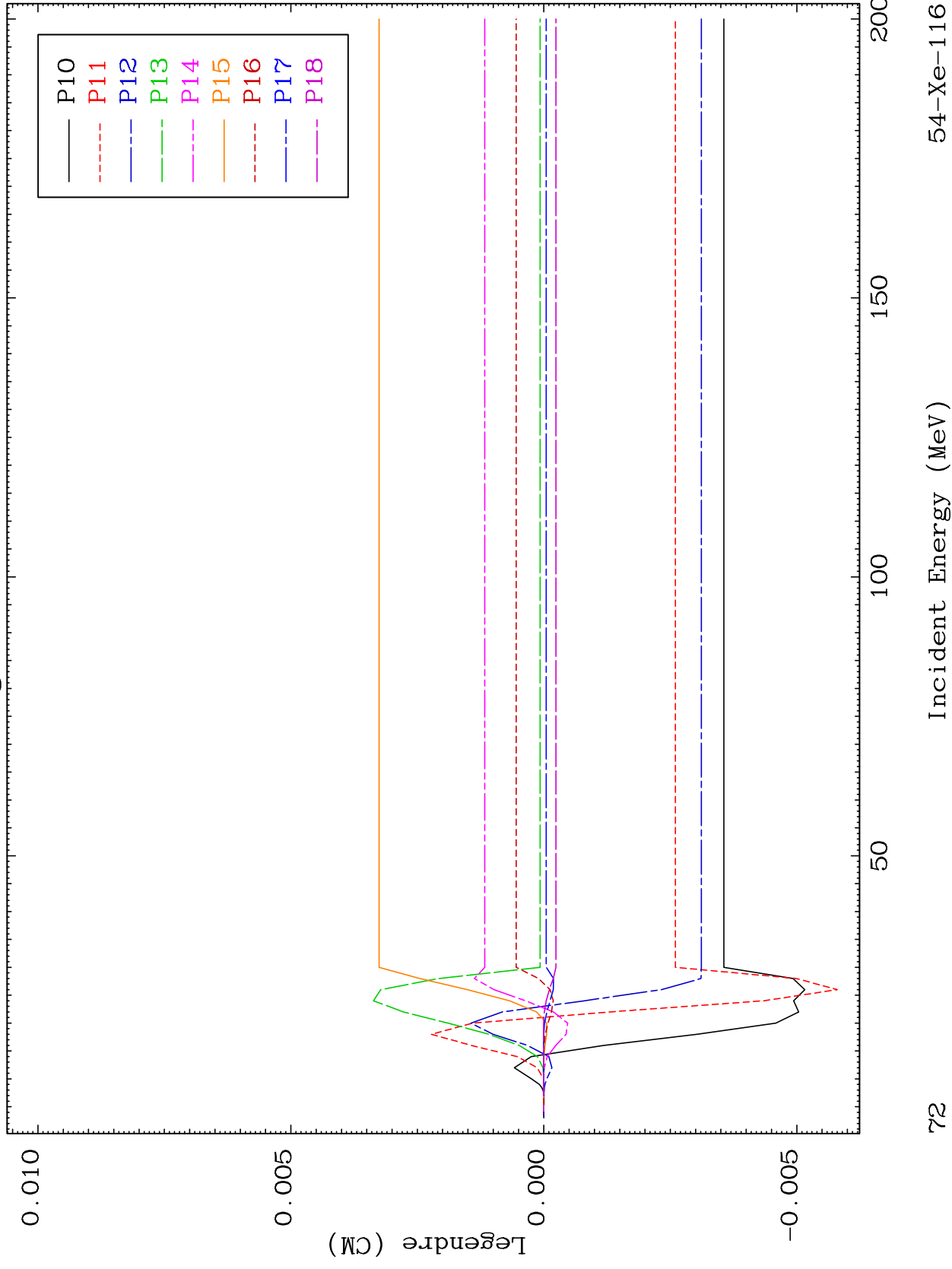
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



72

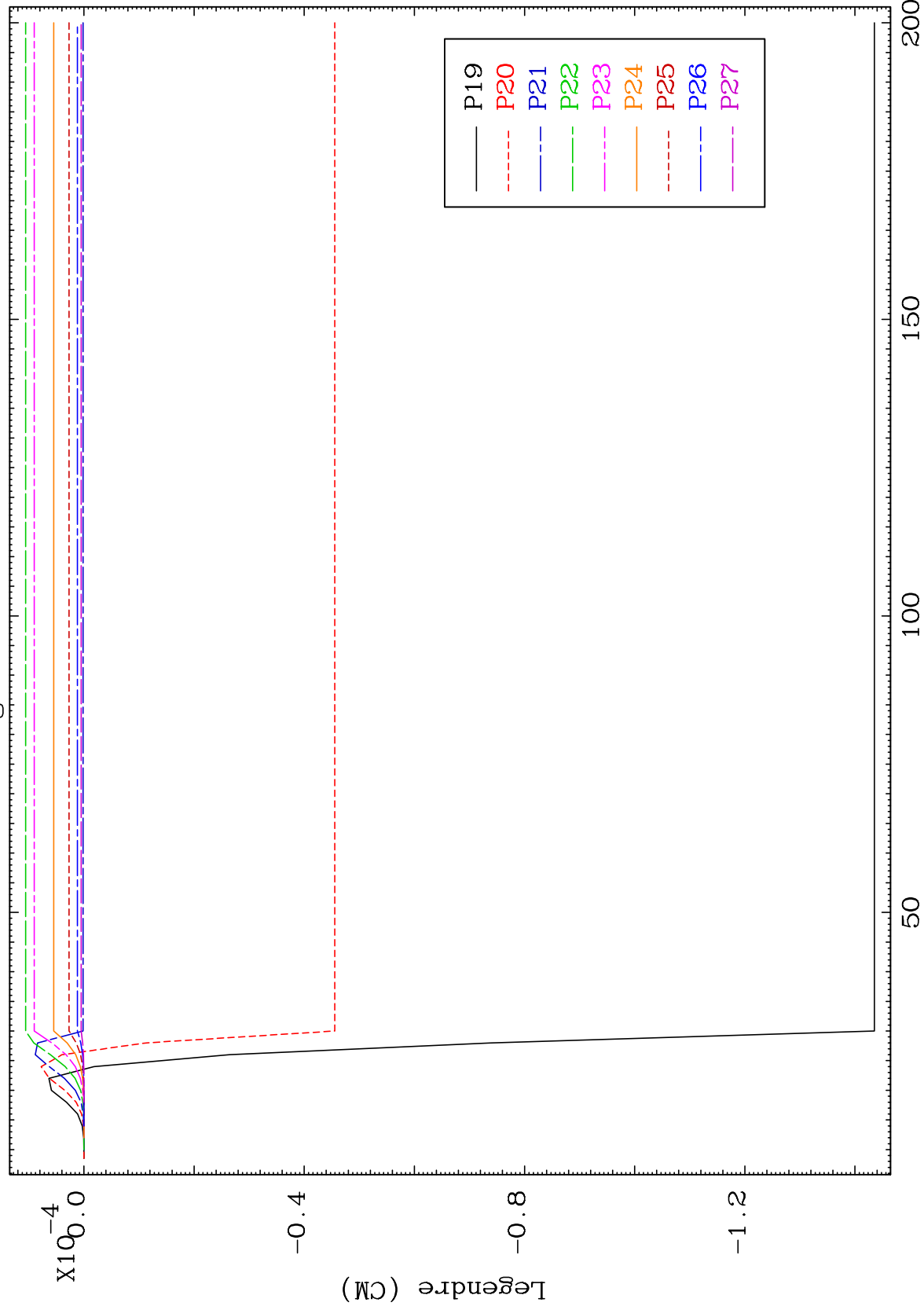
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



54-Xe-116

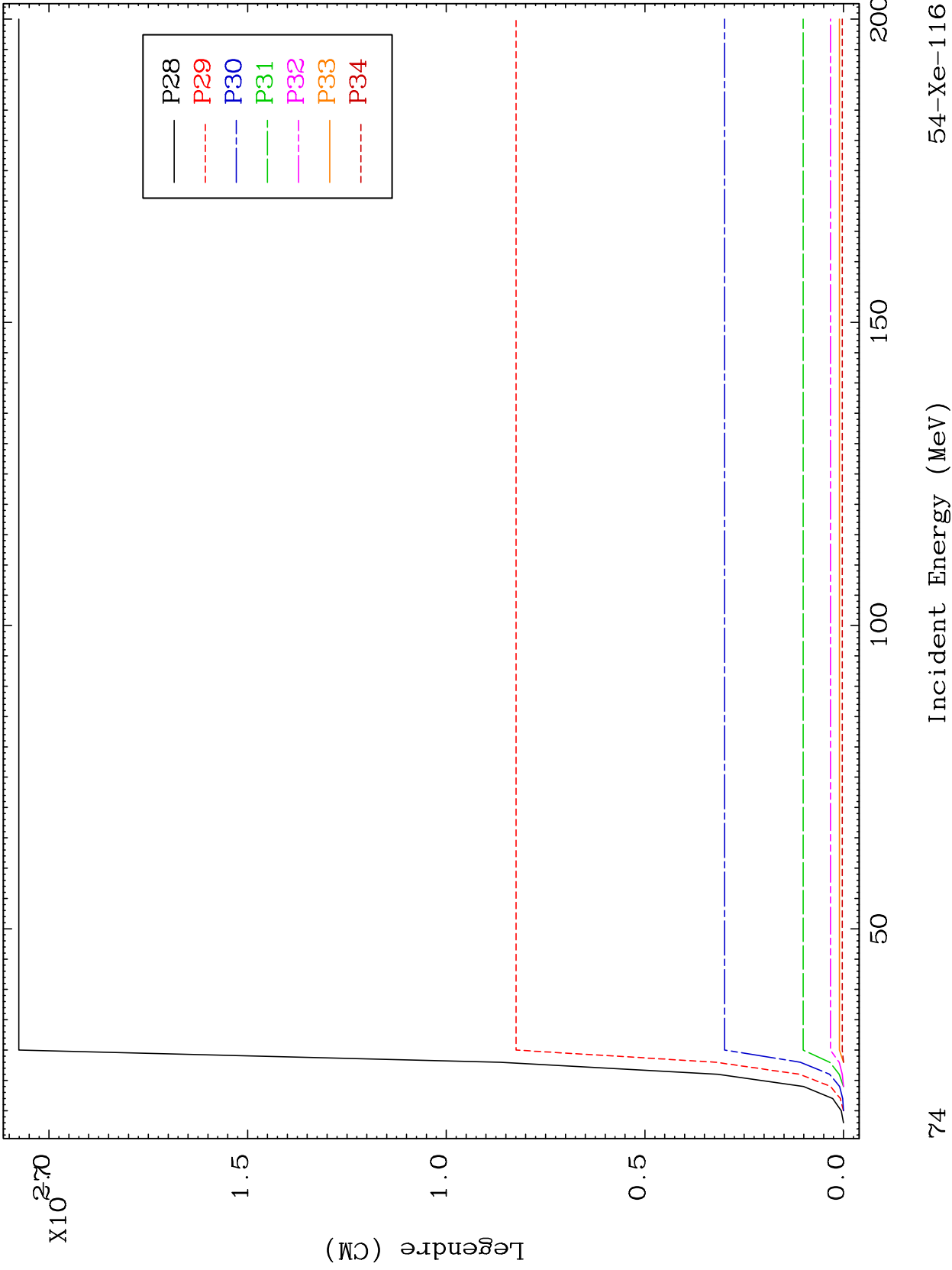
Incident Energy (MeV)

73

MAT 5401

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

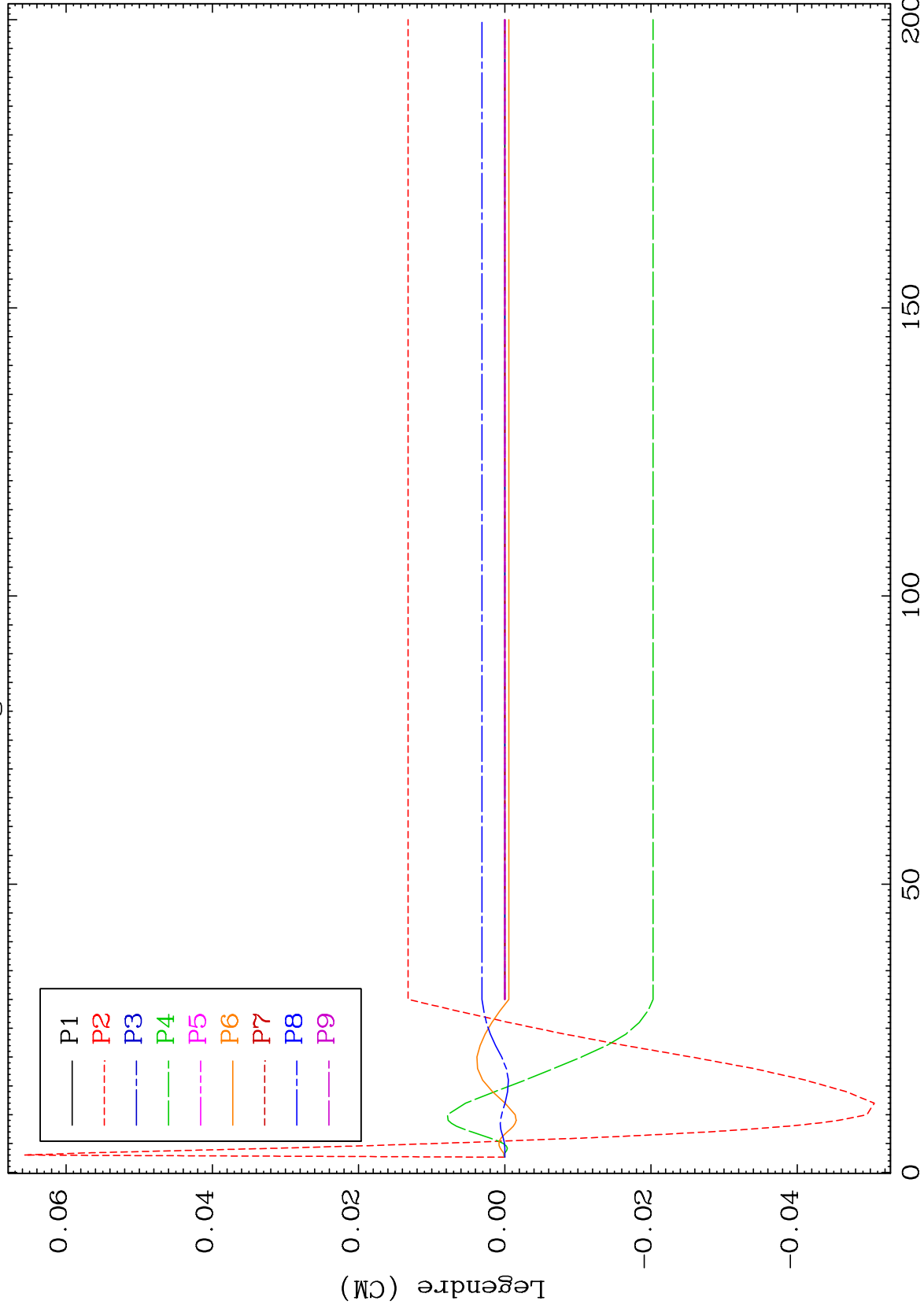
54-Xe-116



MAT 5401

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

54-Xe-116



75

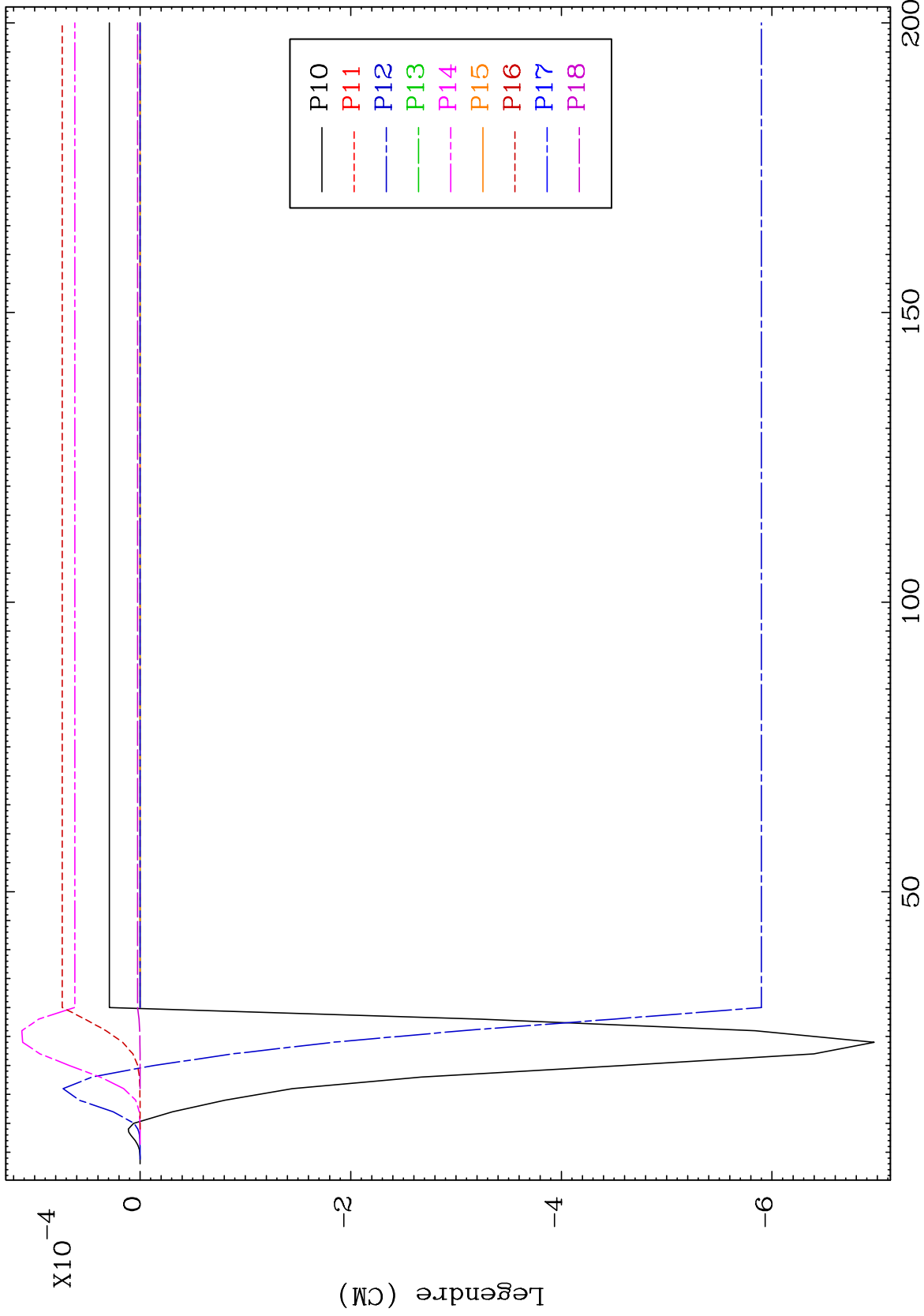
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



76

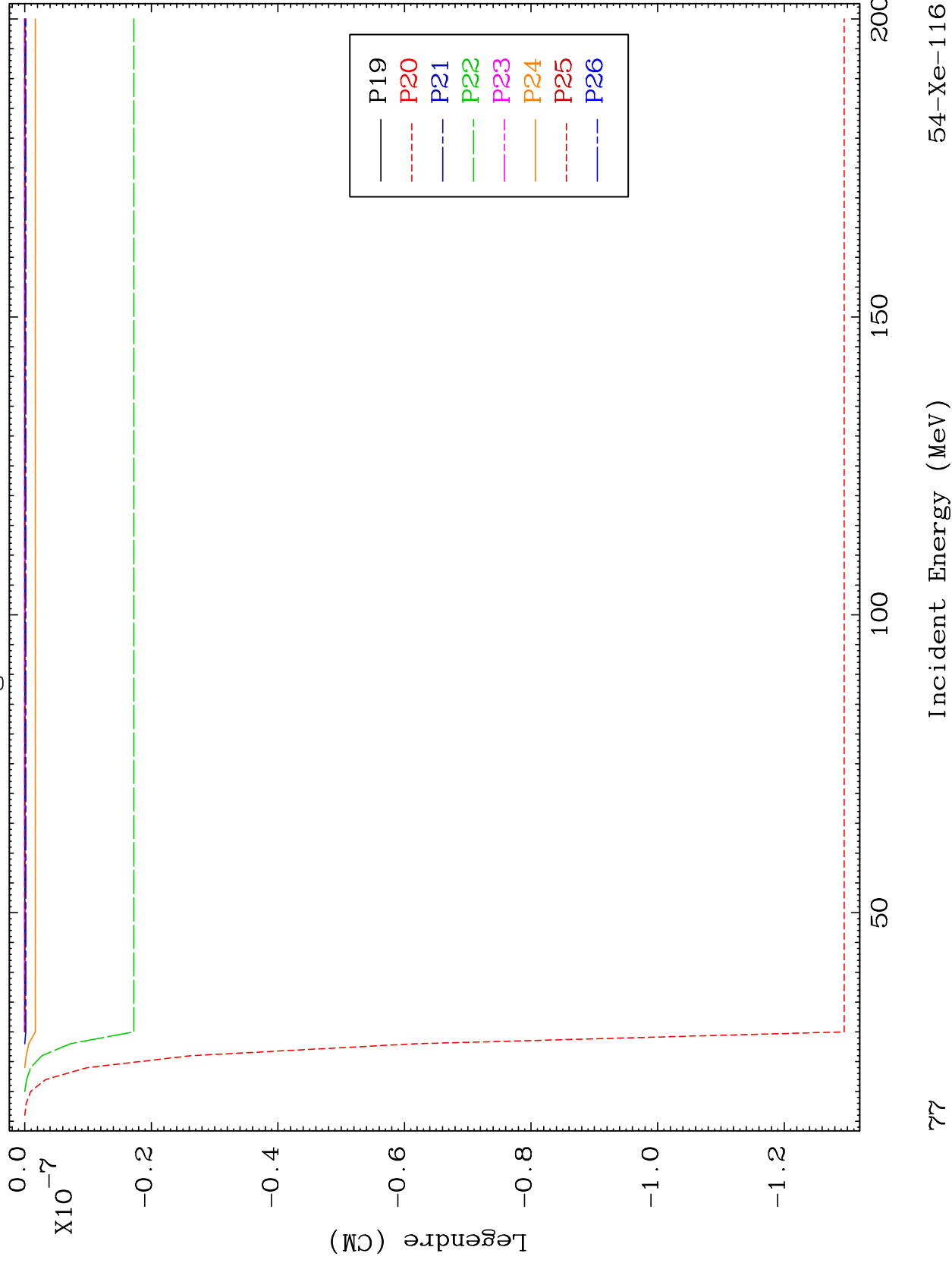
Incident Energy (MeV)

54-Xe-116

MAT 5401

54-Xe-116

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



77

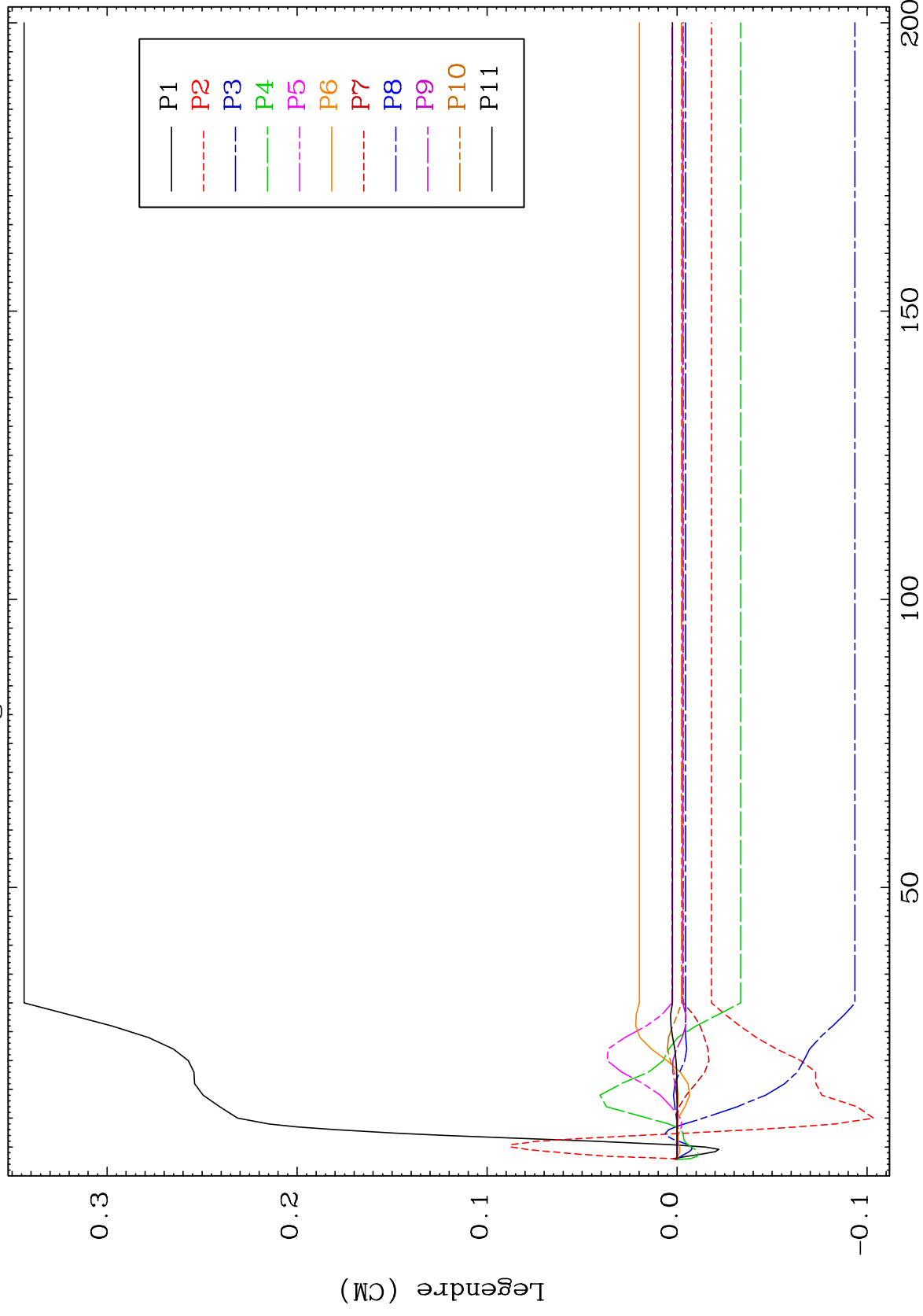
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



78

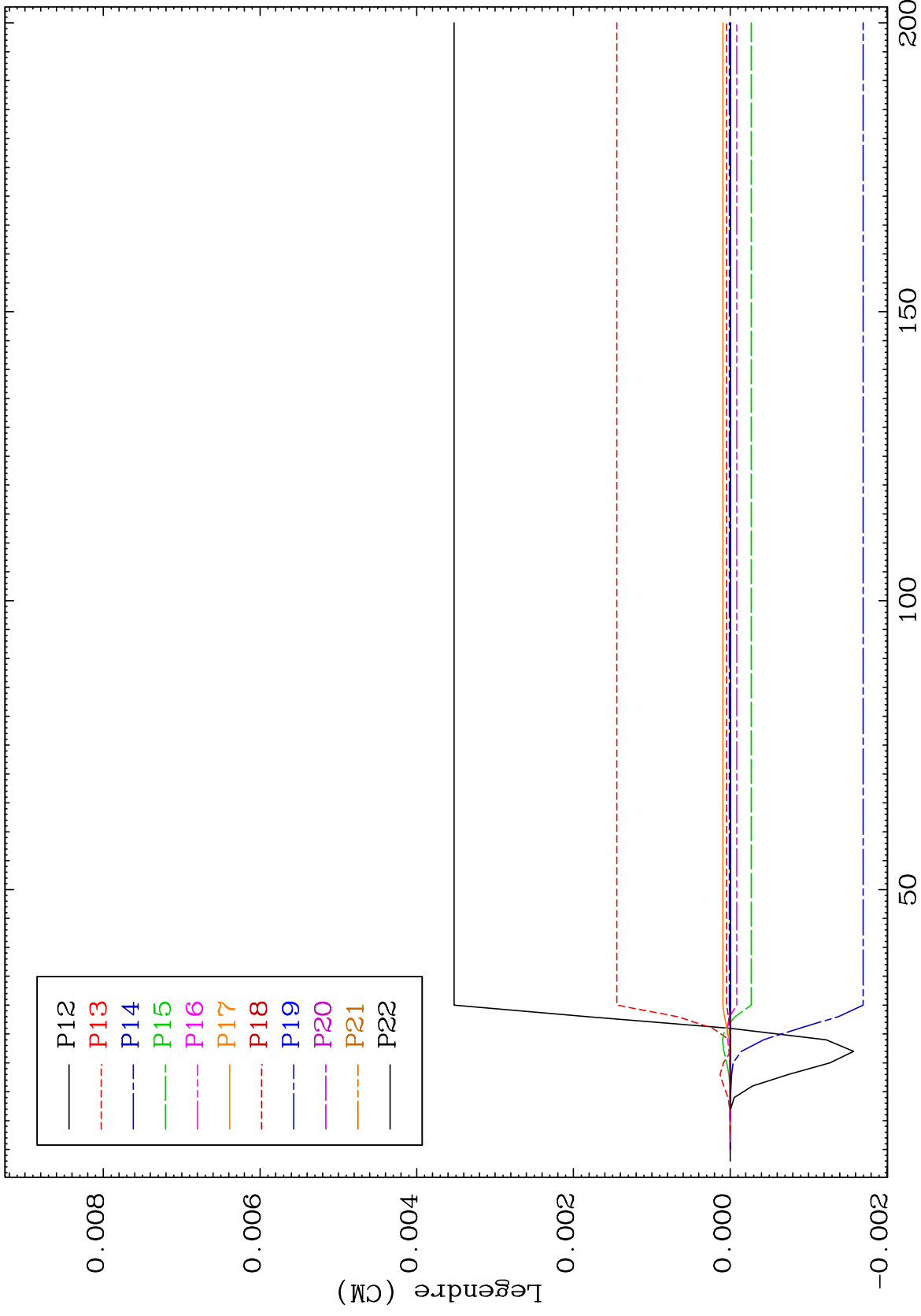
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

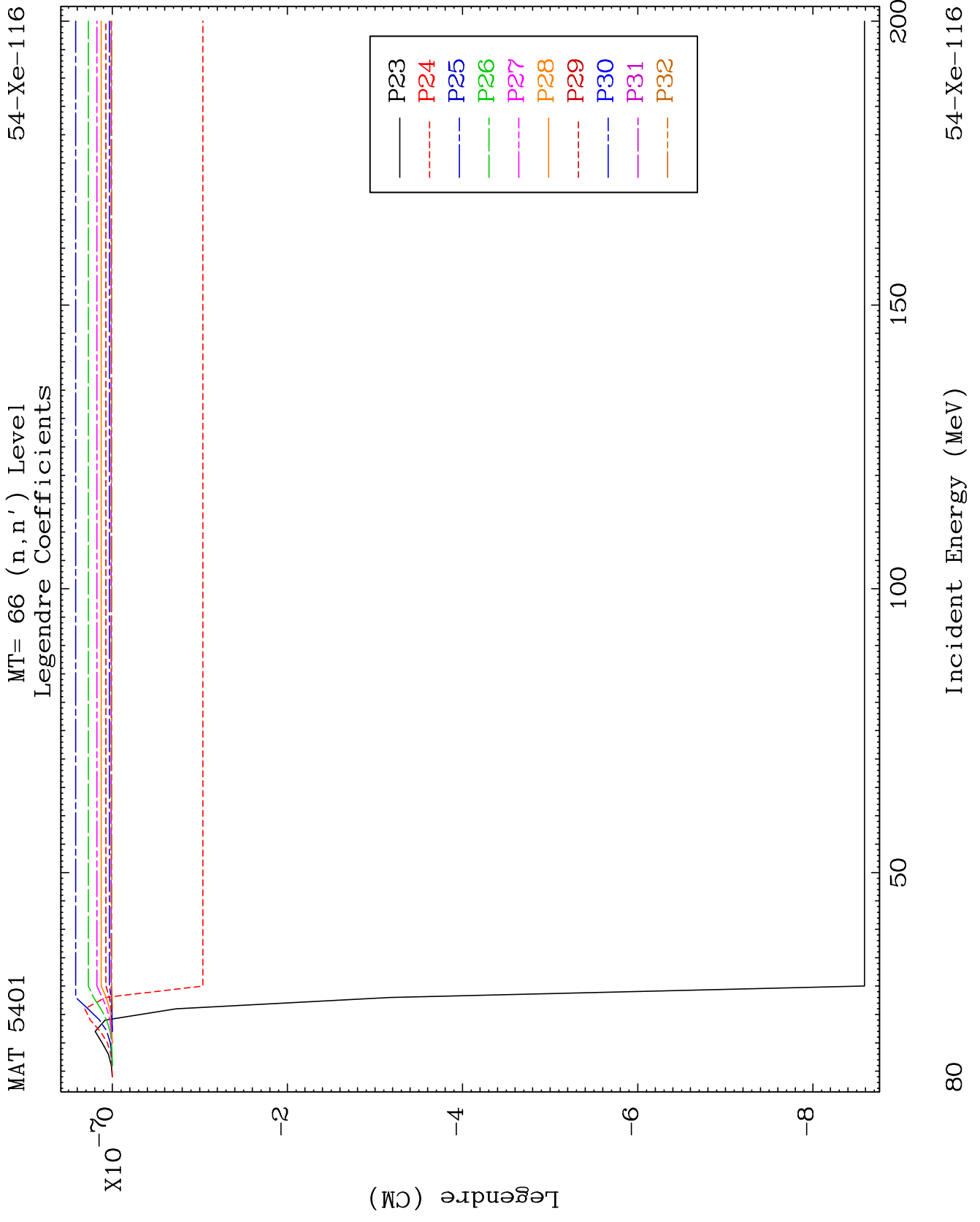
54-Xe-116



79

Incident Energy (MeV)

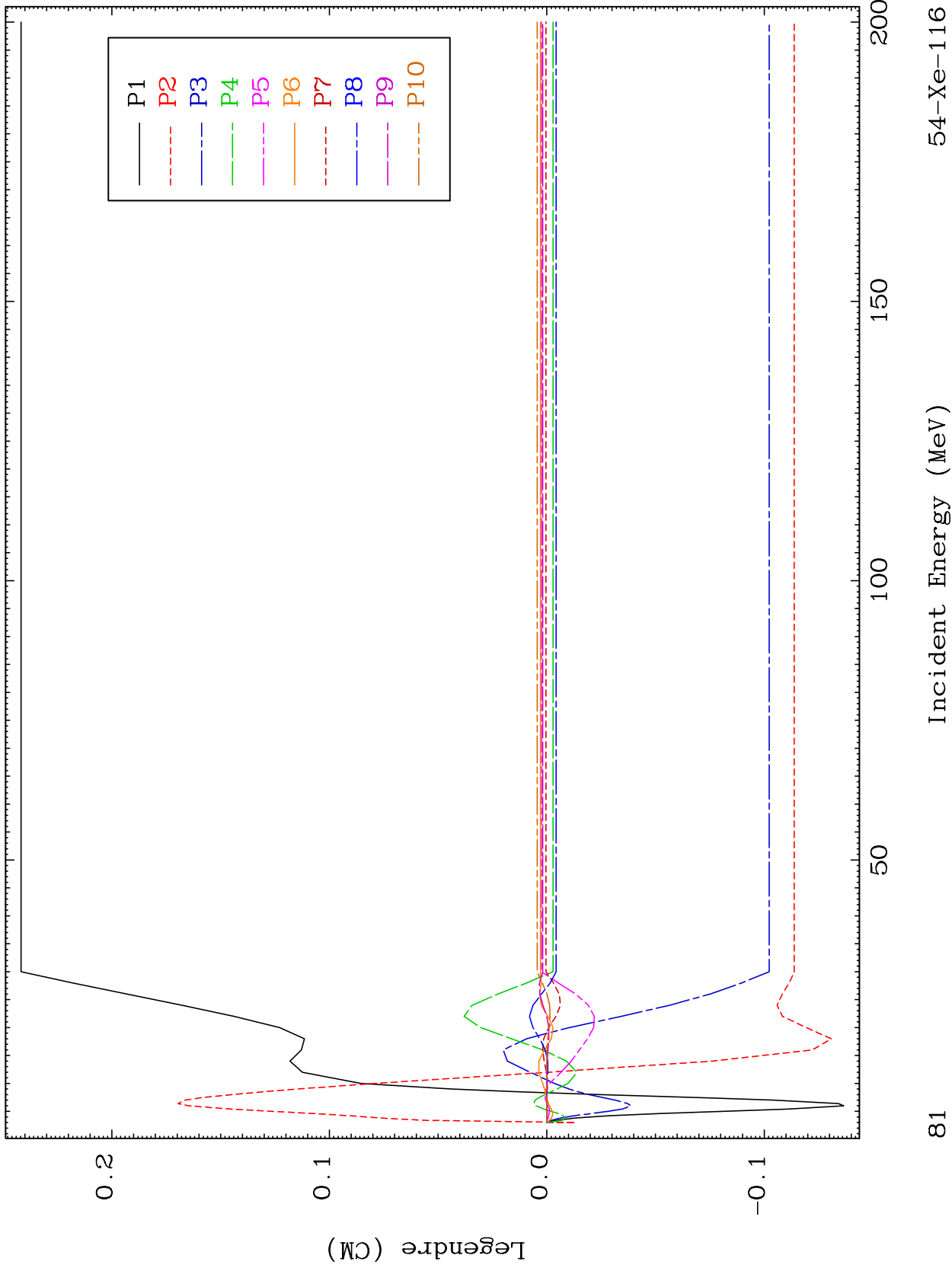
54-Xe-116



MAT 5401

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

54-Xe-116



81

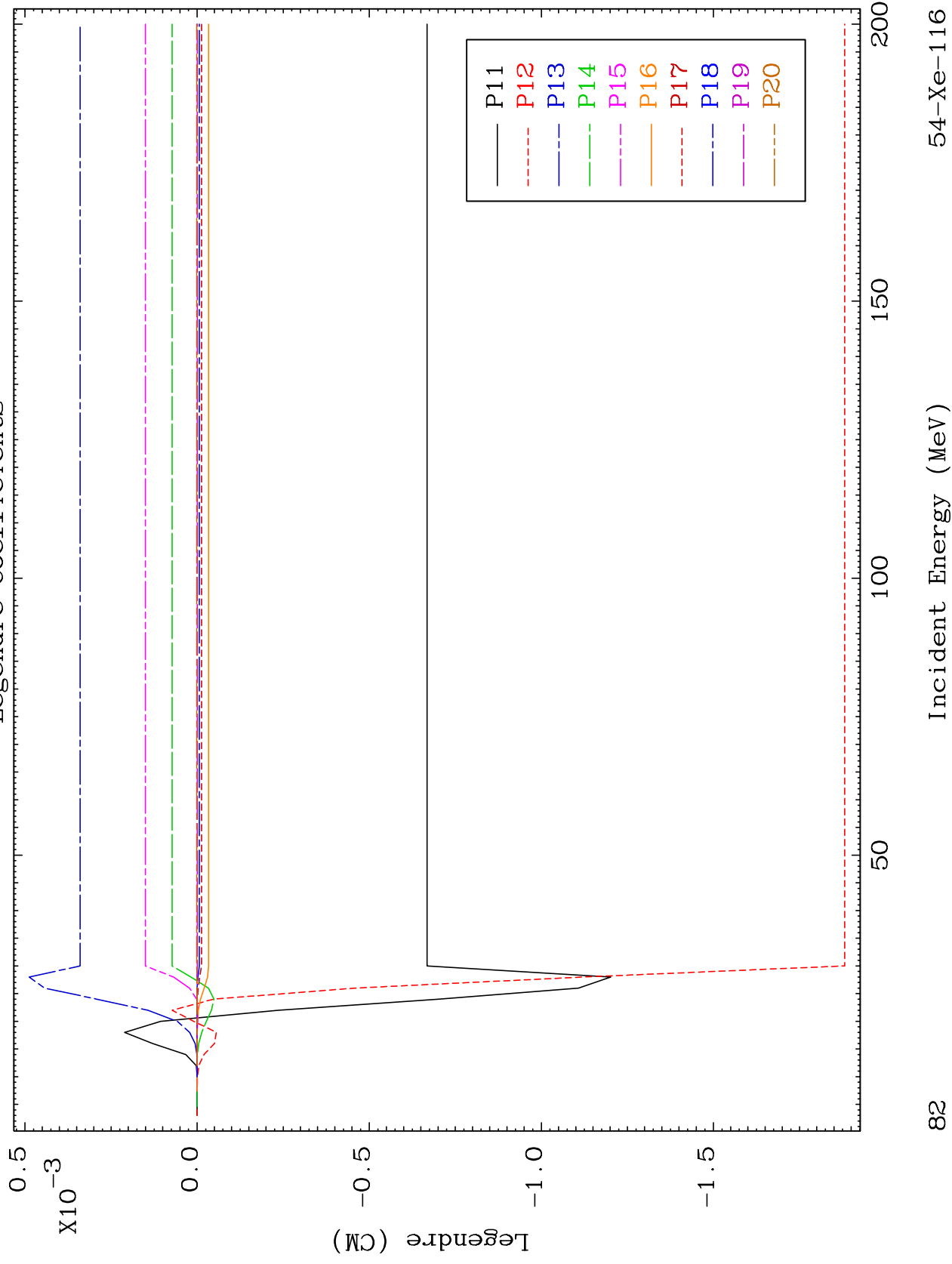
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



82

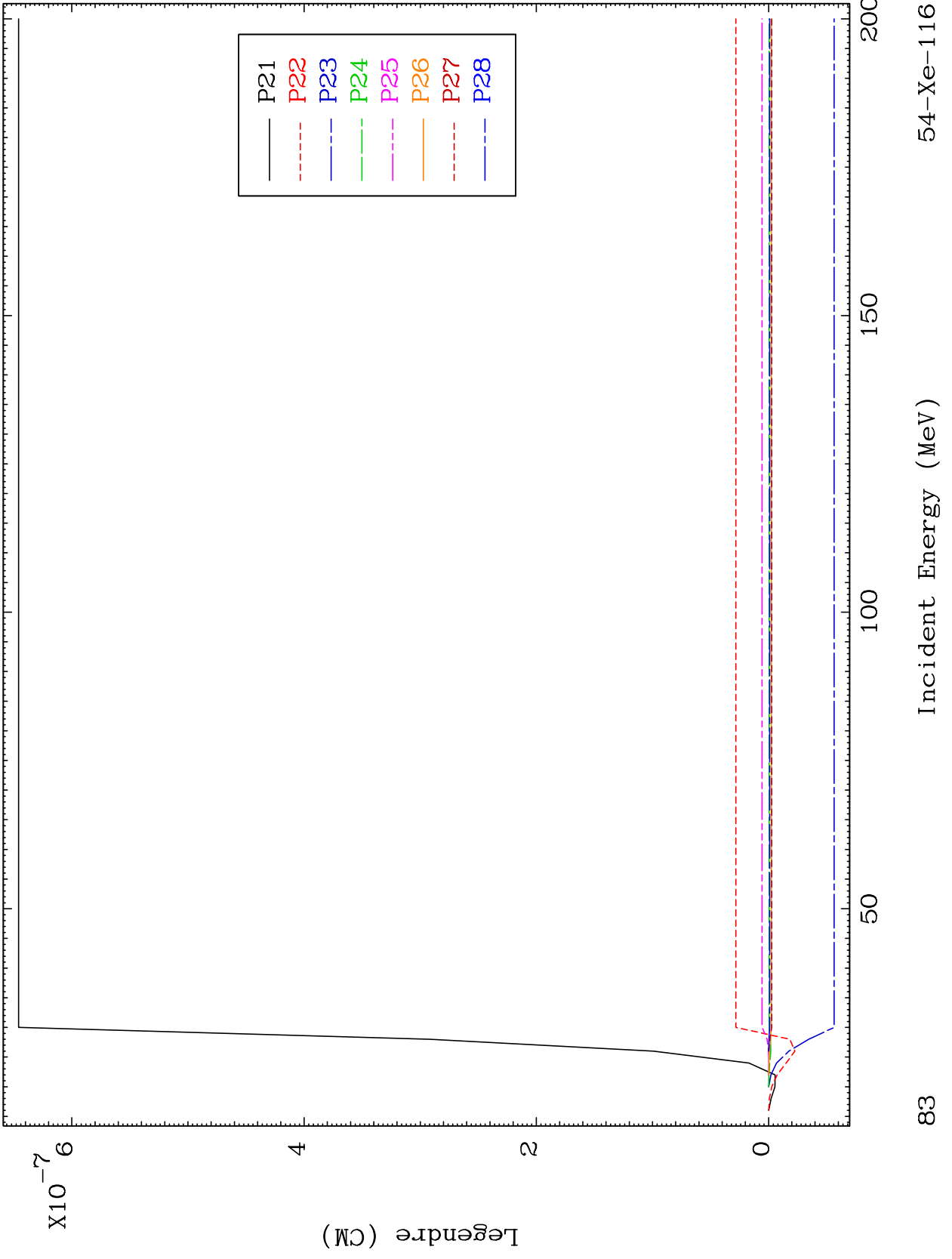
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



83

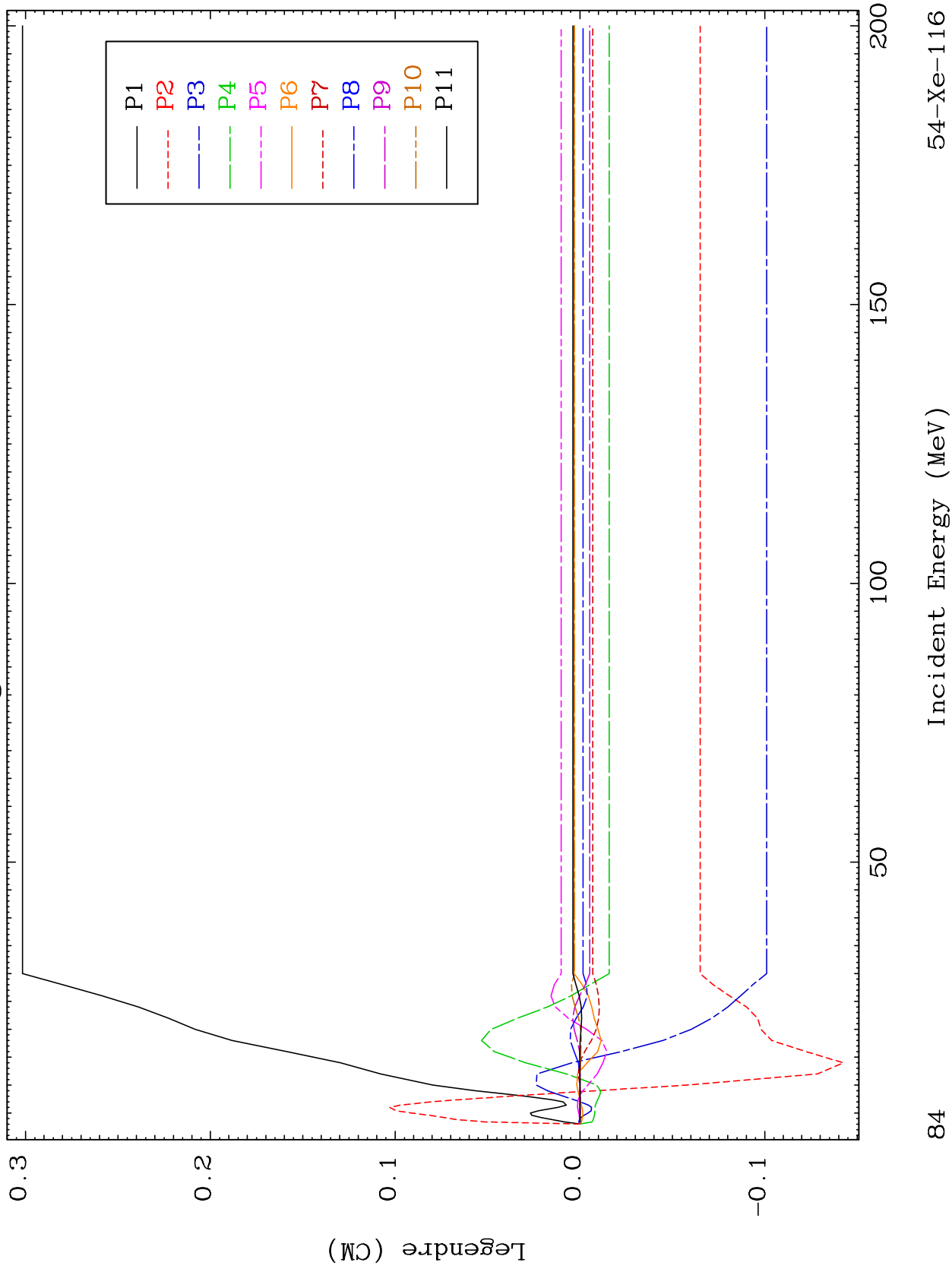
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

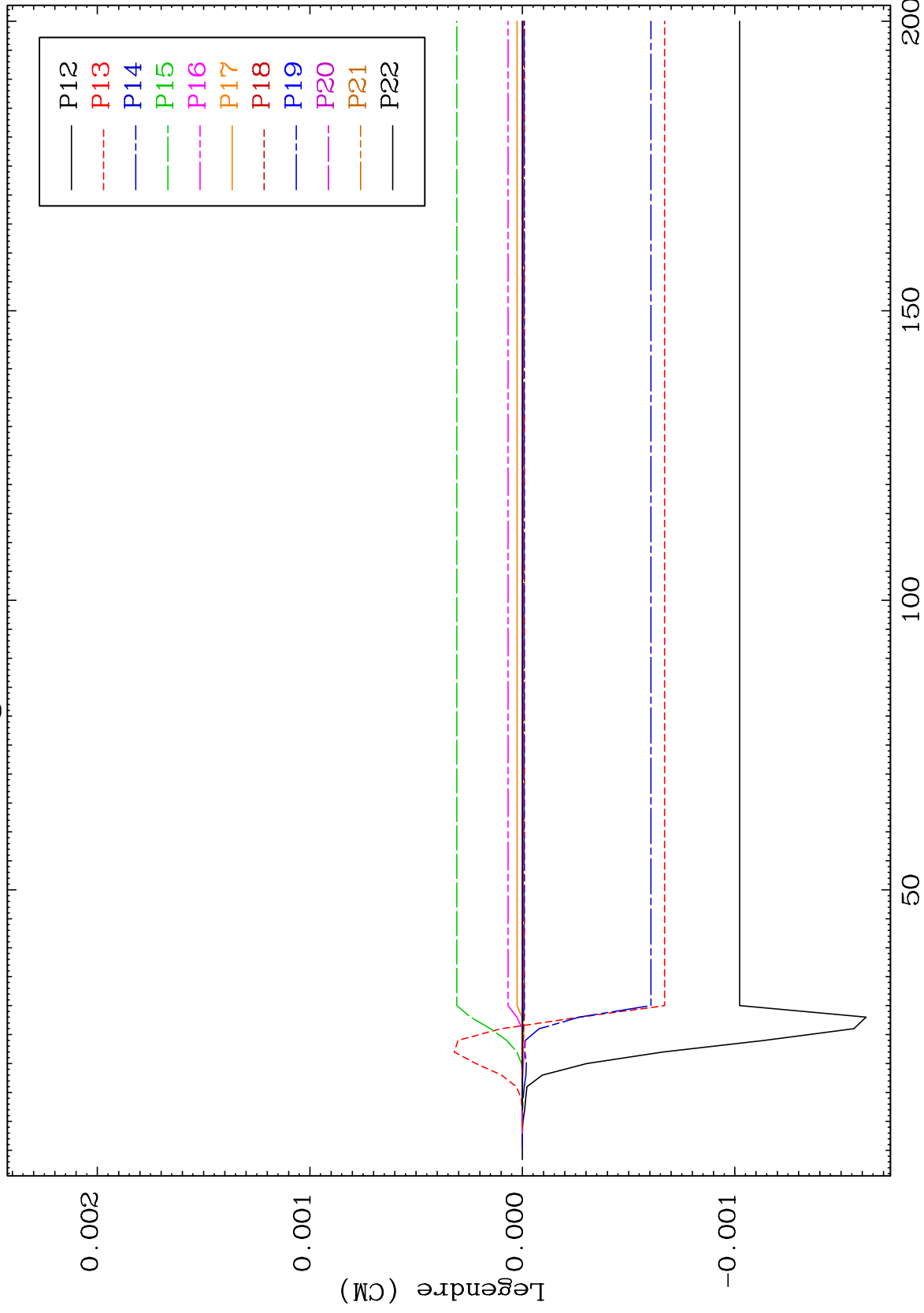
54-Xe-116



MAT 5401

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

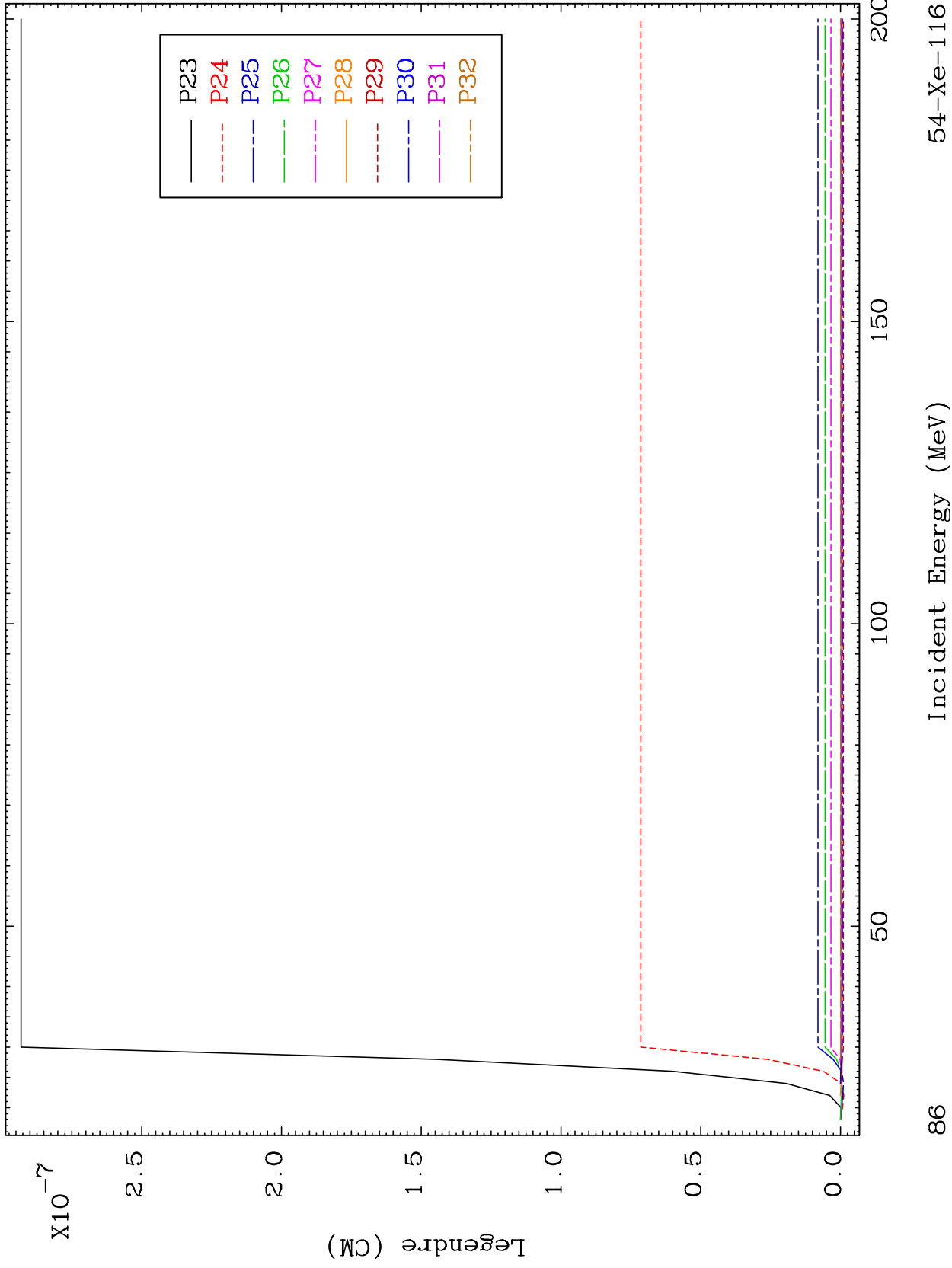
54-Xe-116



85

Incident Energy (MeV)

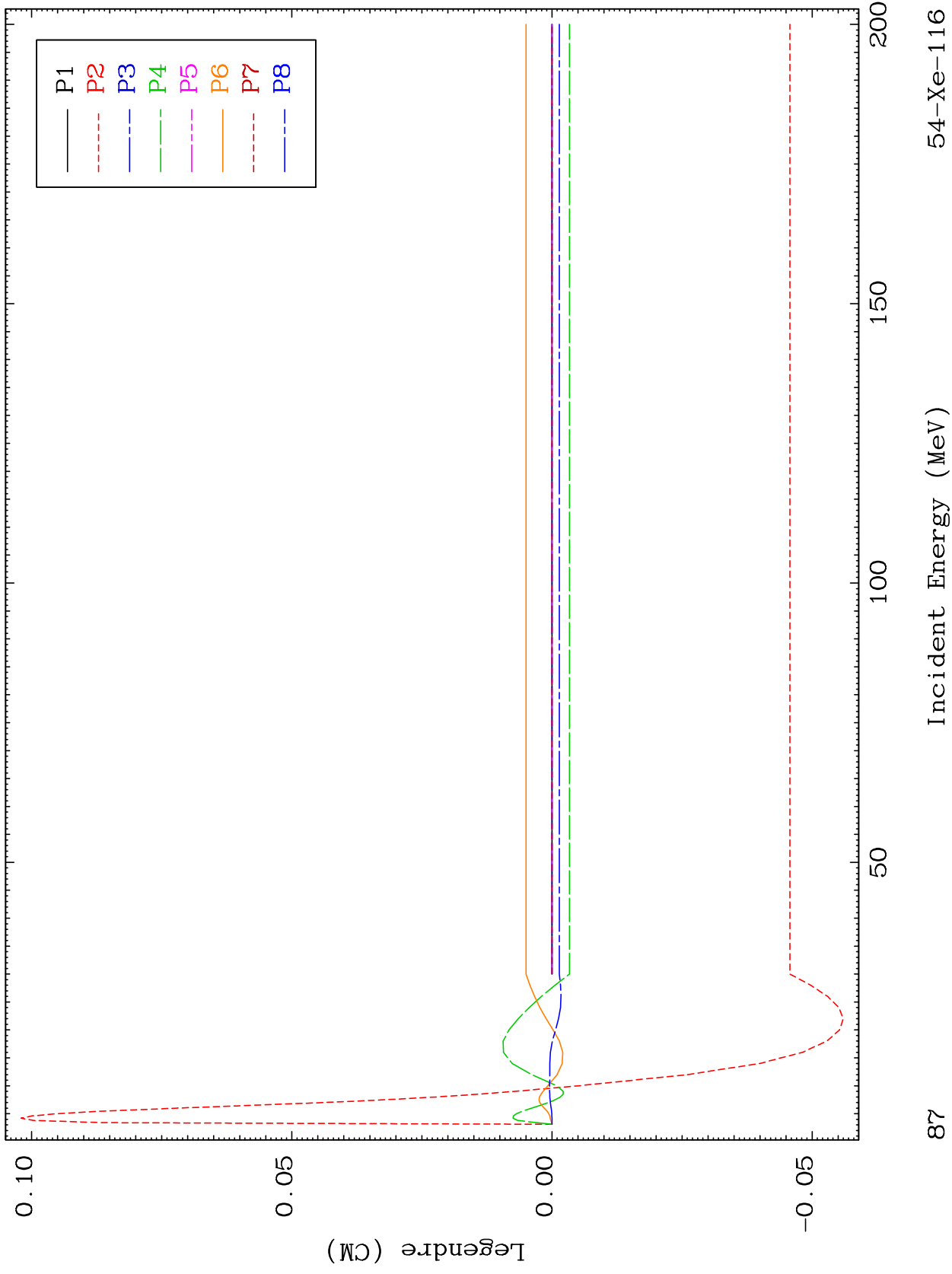
54-Xe-116



MAT 5401

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

54-Xe-116



87

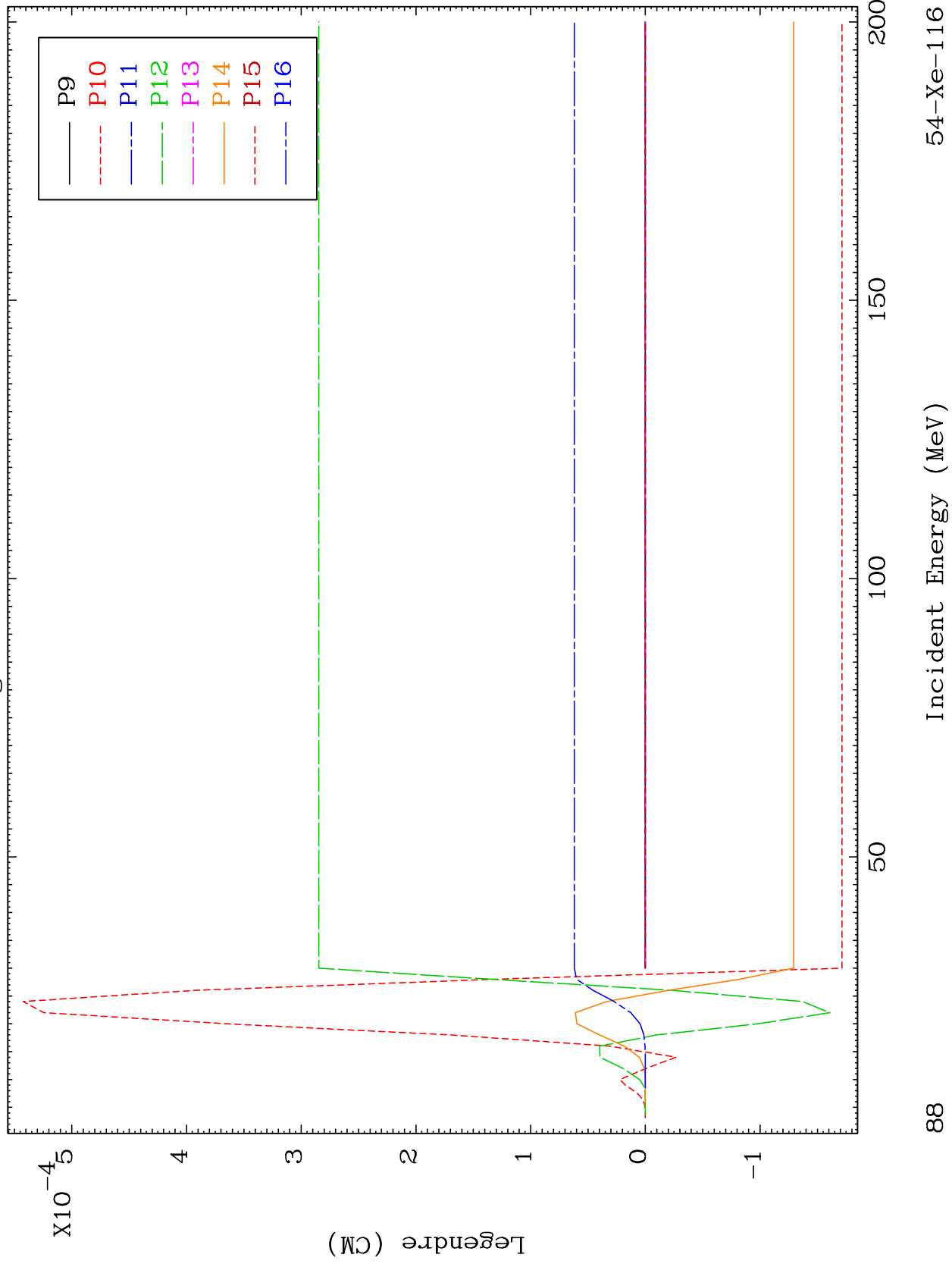
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



88

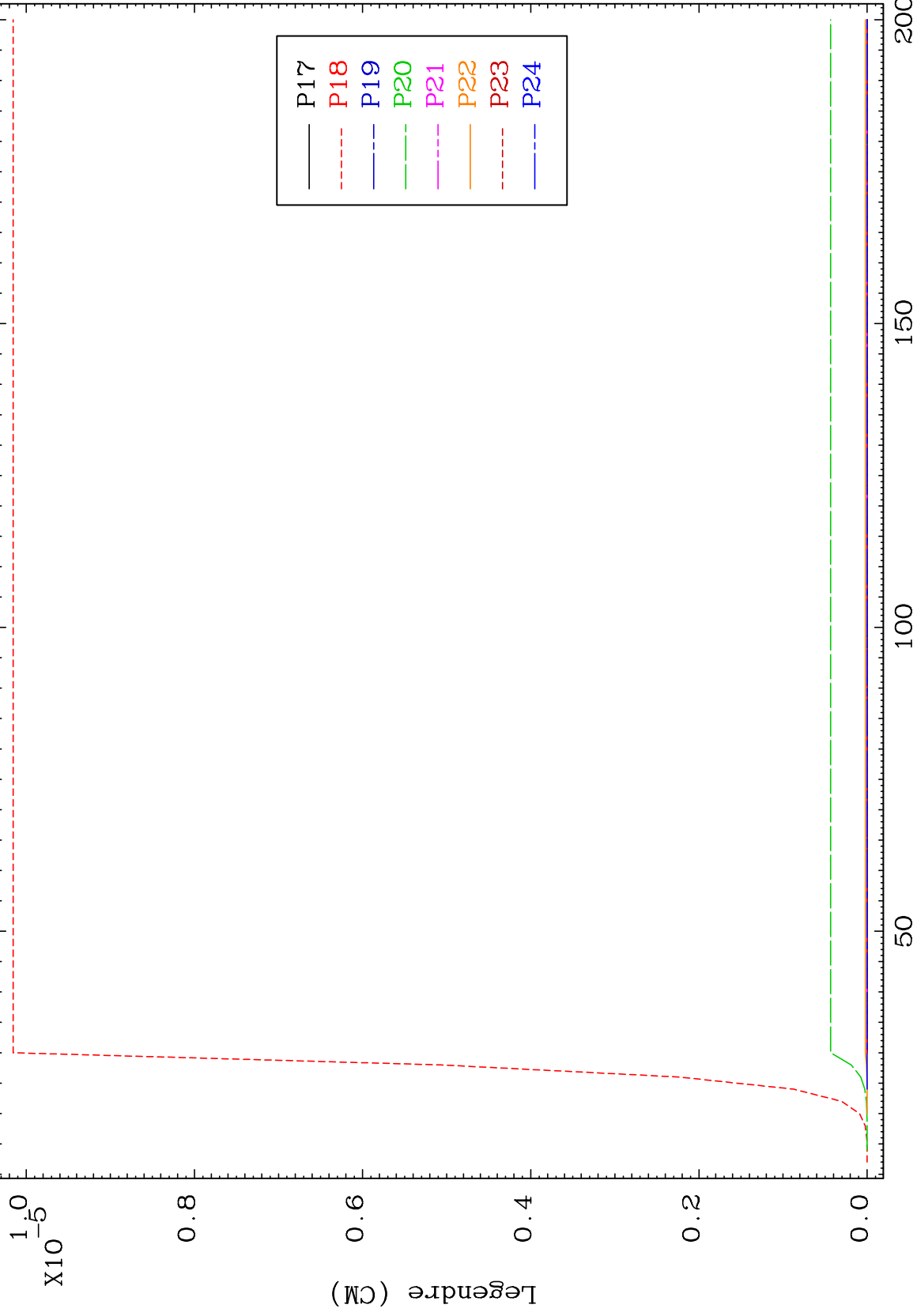
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



89

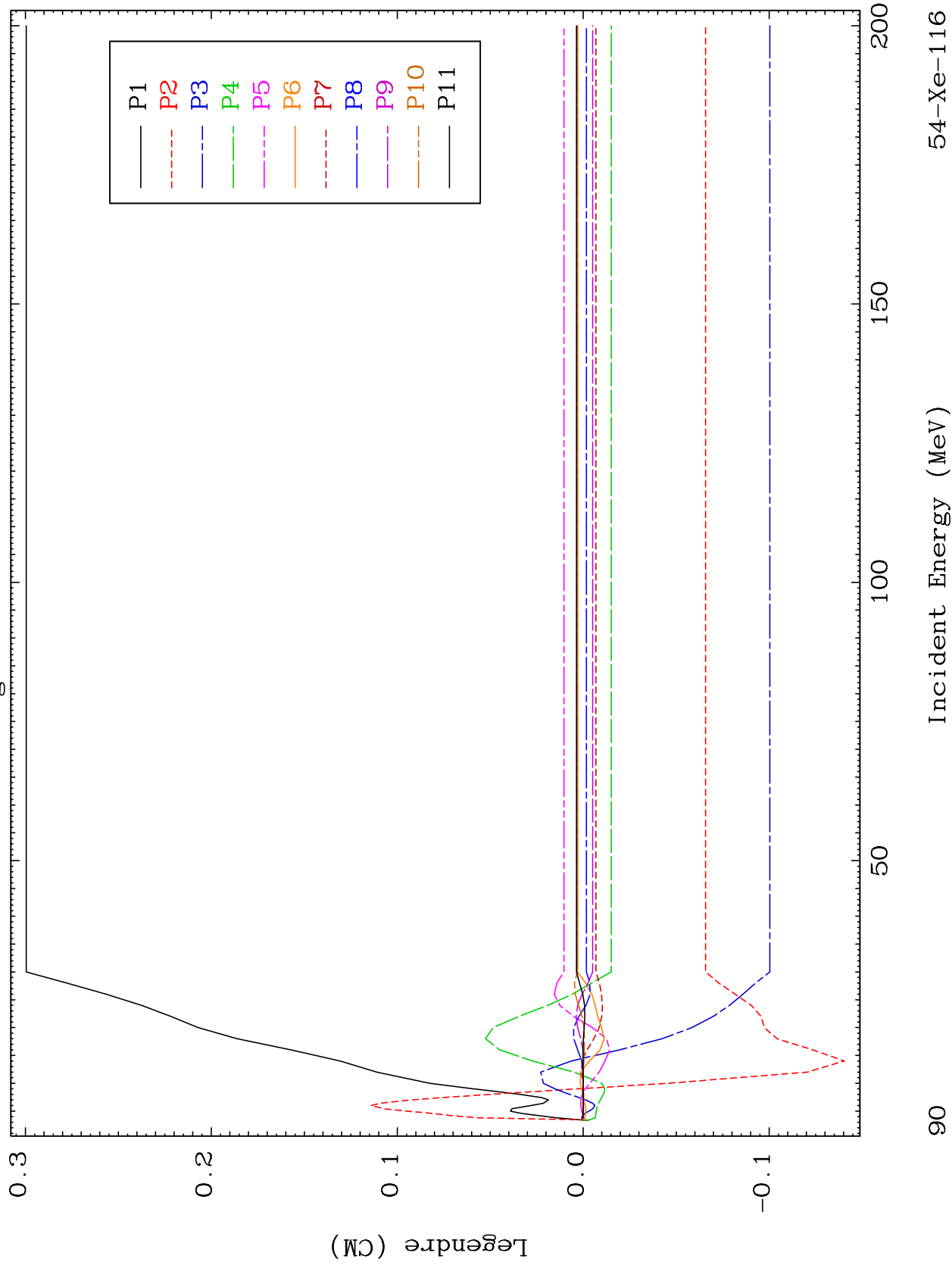
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



54-Xe-116

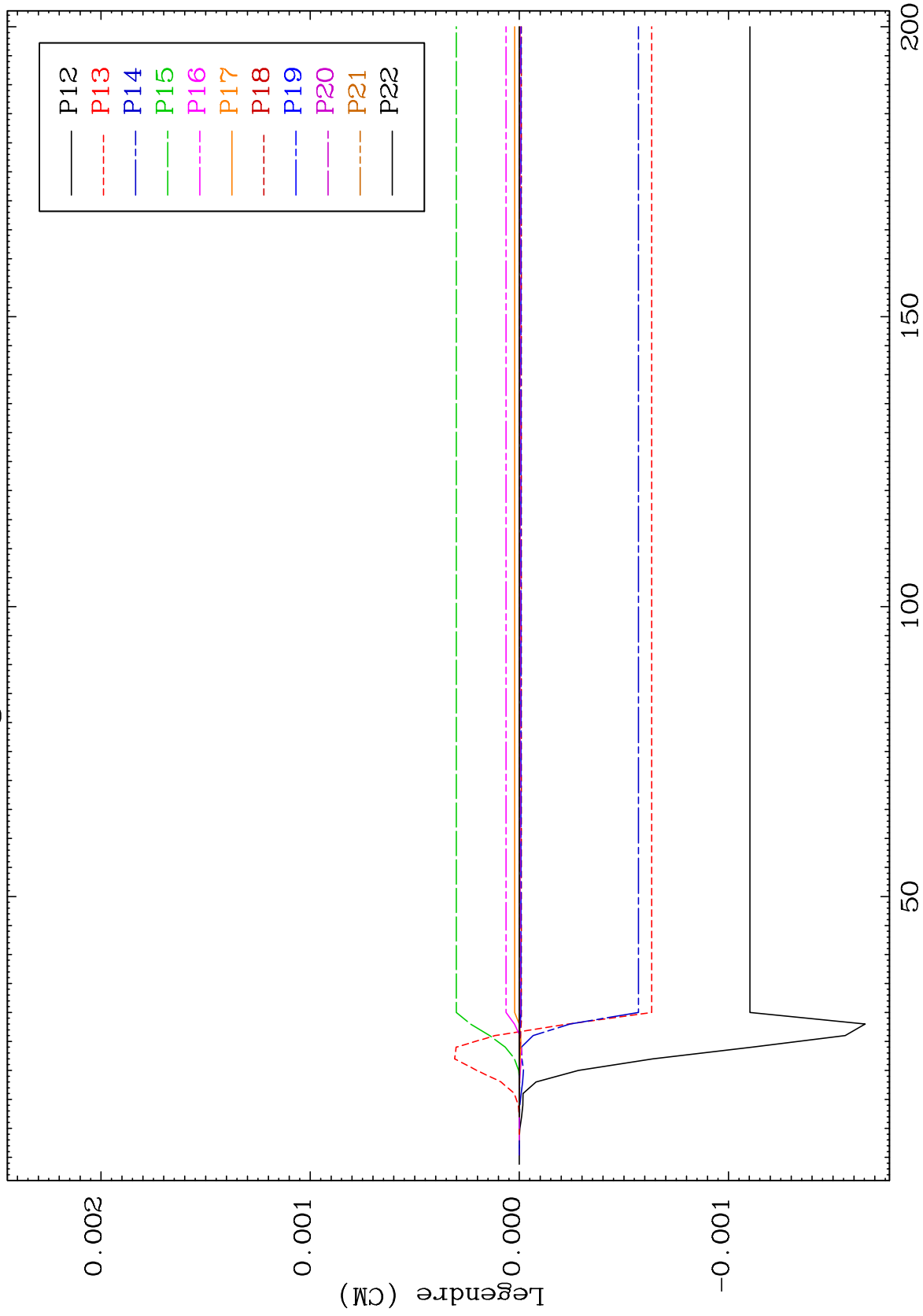
Incident Energy (MeV)

90

MAT 5401

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

54-Xe-116



91

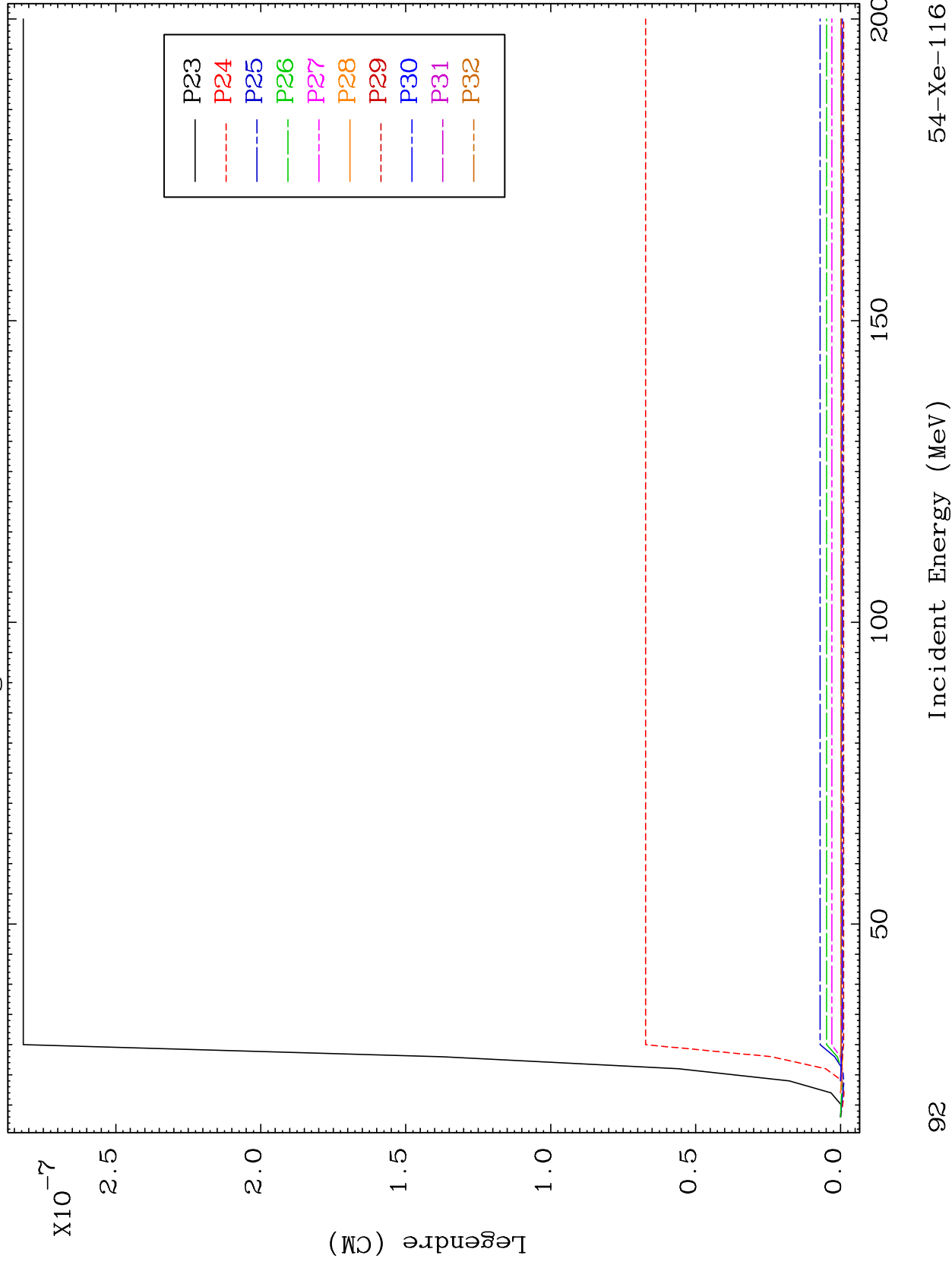
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

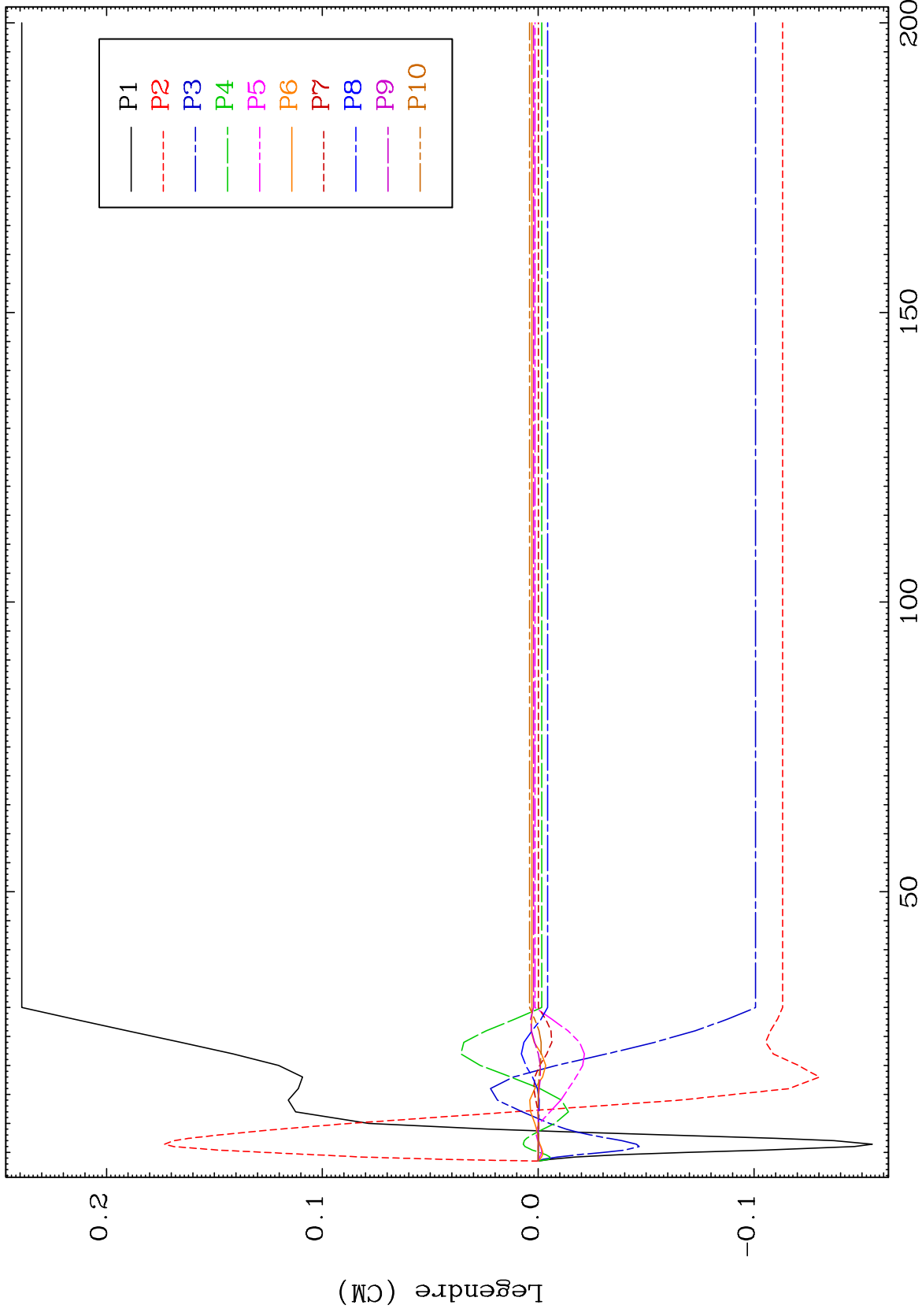
54-Xe-116



MAT 5401

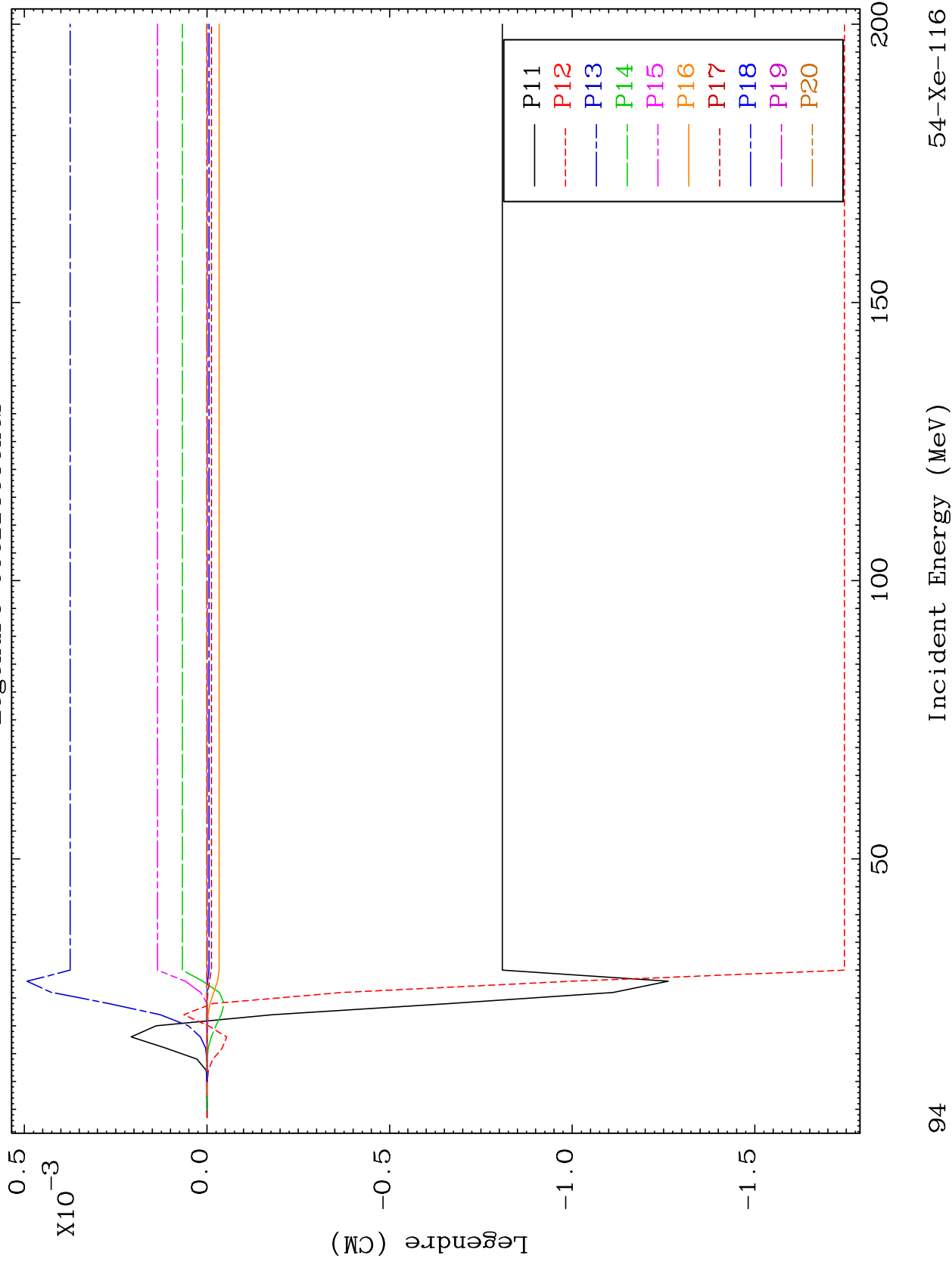
MT= 71 (n,n') Level
Legendre Coefficients

54-Xe-116



93

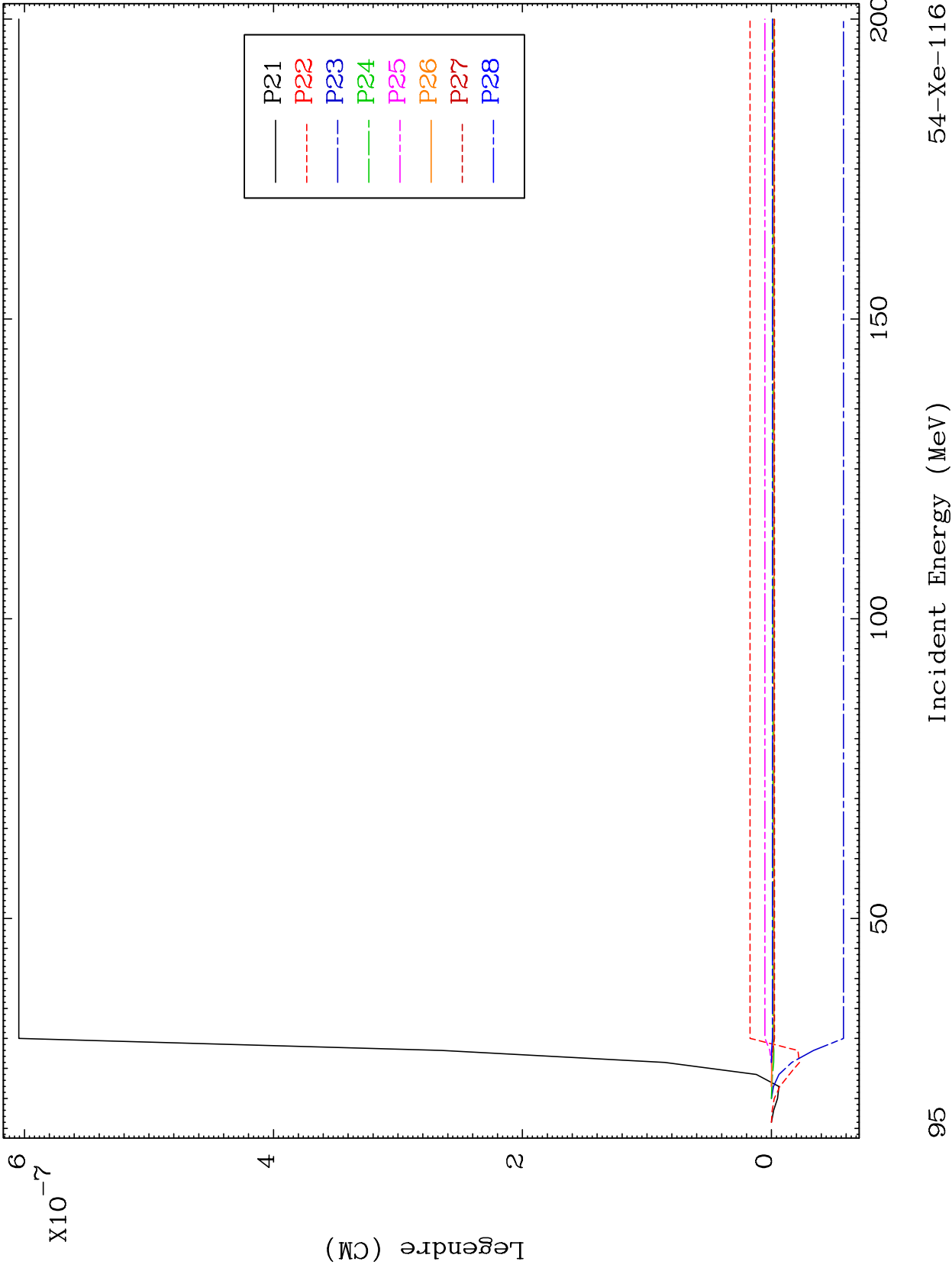
54-Xe-116



MAT 5401

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

54-Xe-116



54-Xe-116

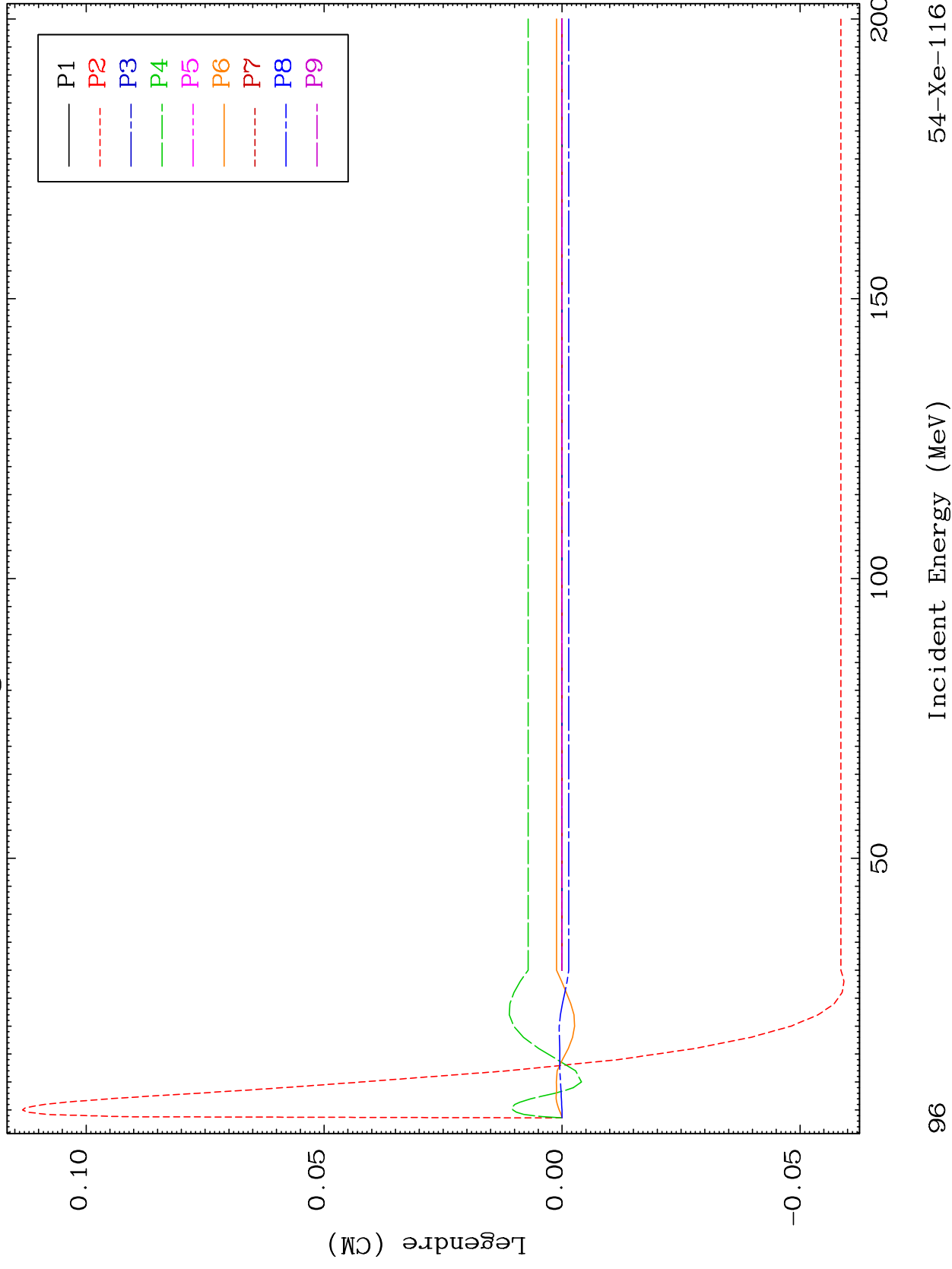
Incident Energy (MeV)

95

MAT 5401

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

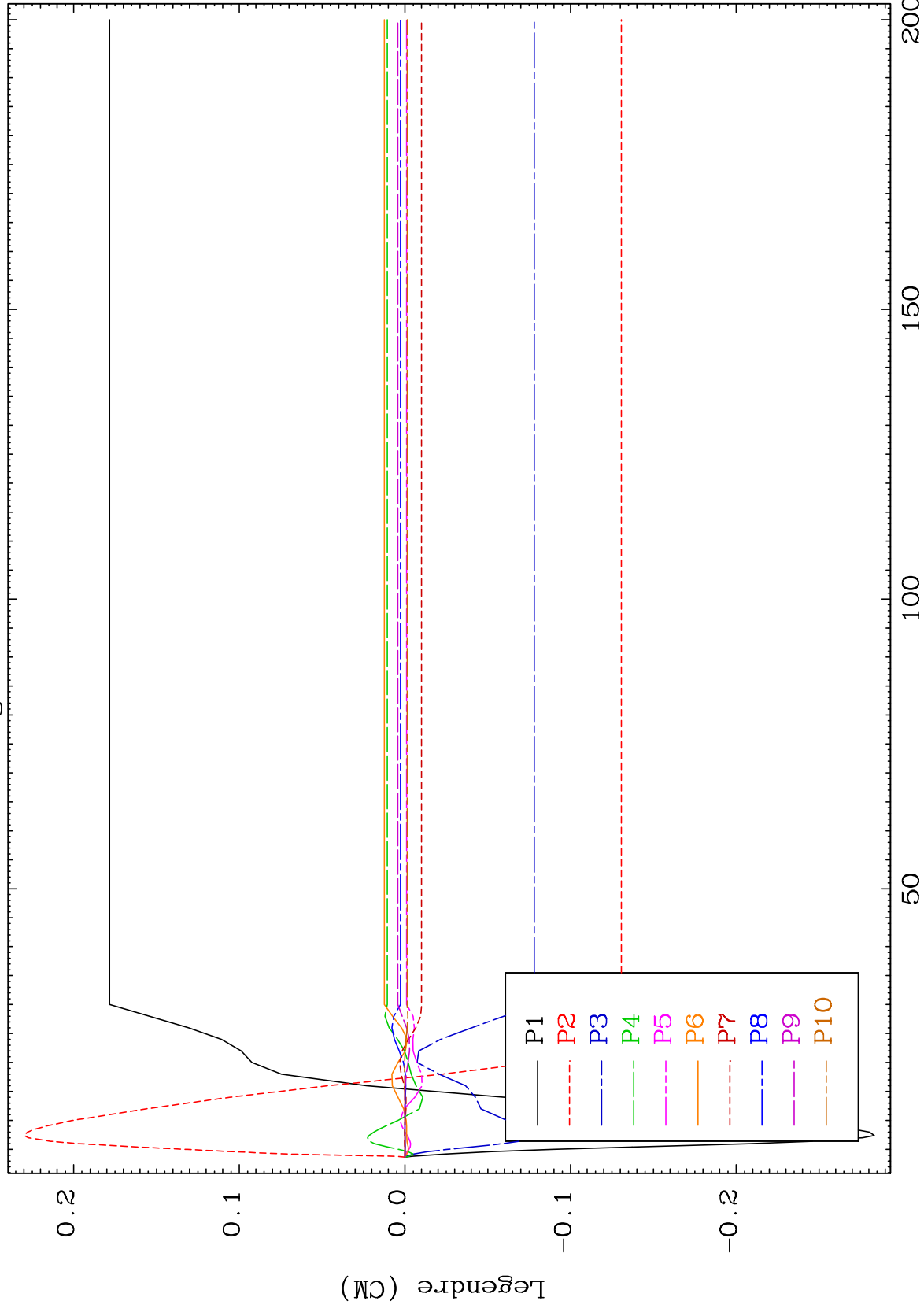
54-Xe-116



MAT 5401

54-Xe-116

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



99

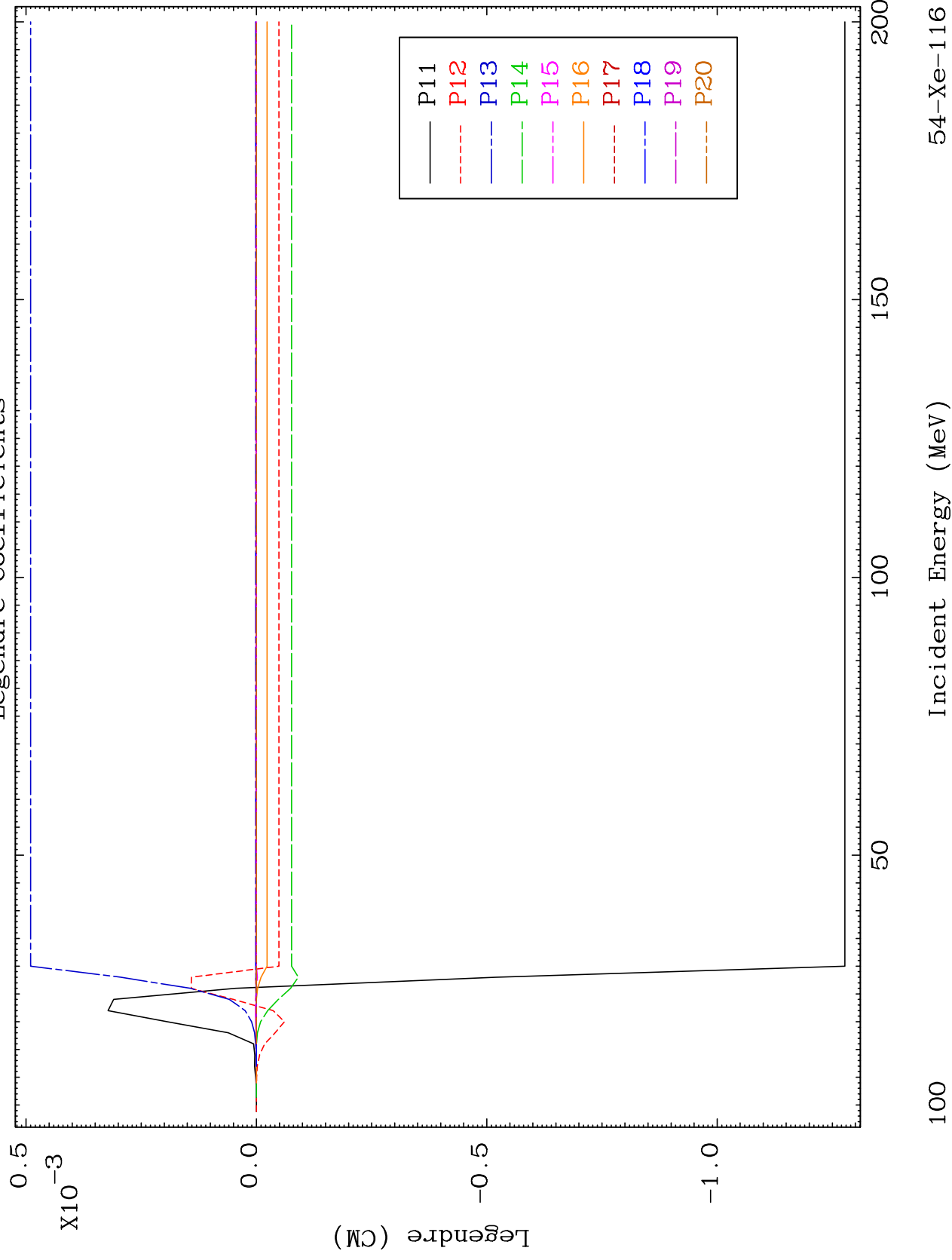
Incident Energy (MeV)

54-Xe-116

MAT 5401

54-Xe-116

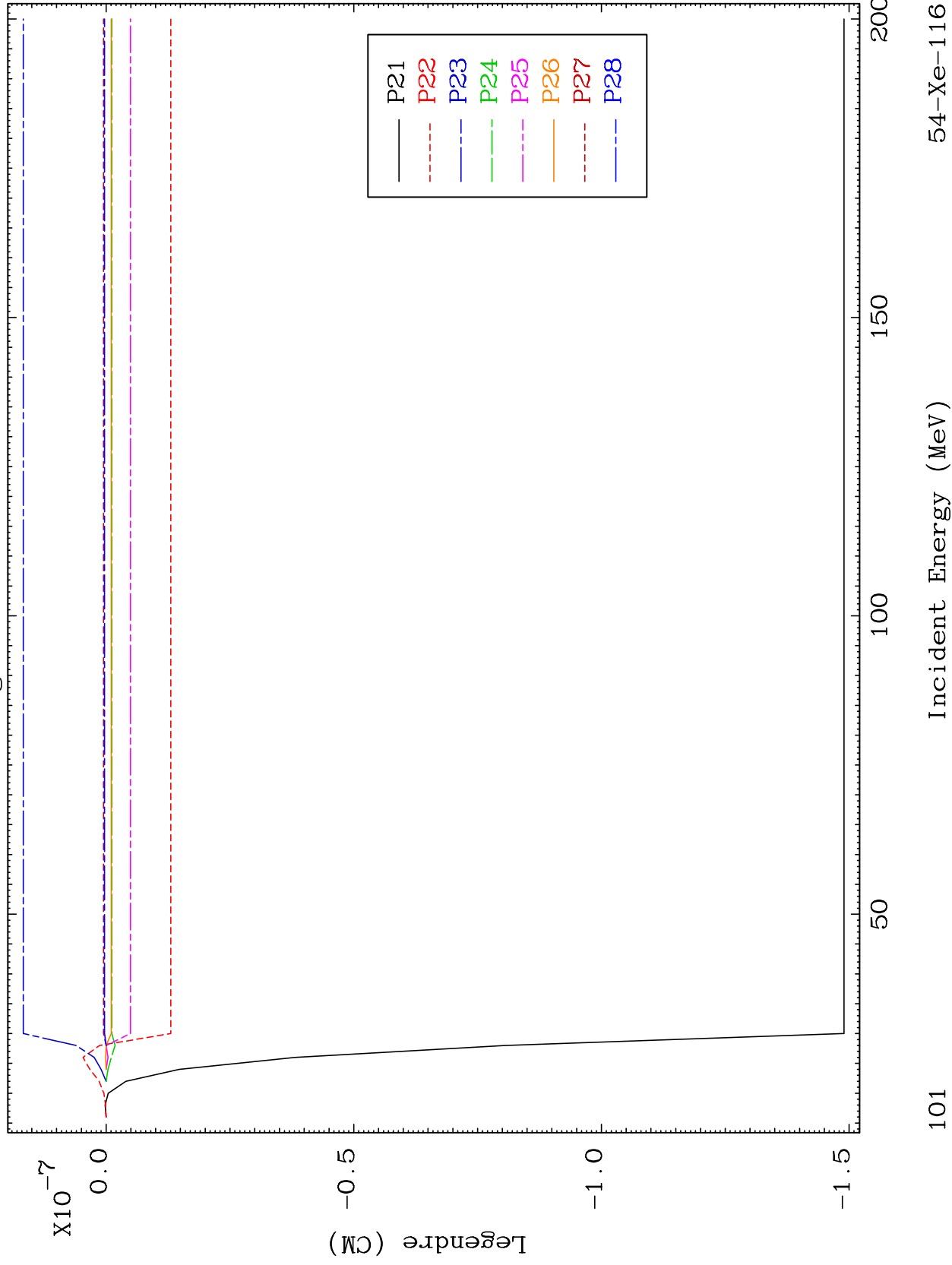
MT= 73 (n,n') Level
Legendre Coefficients



MAT 5401

54-Xe-116

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



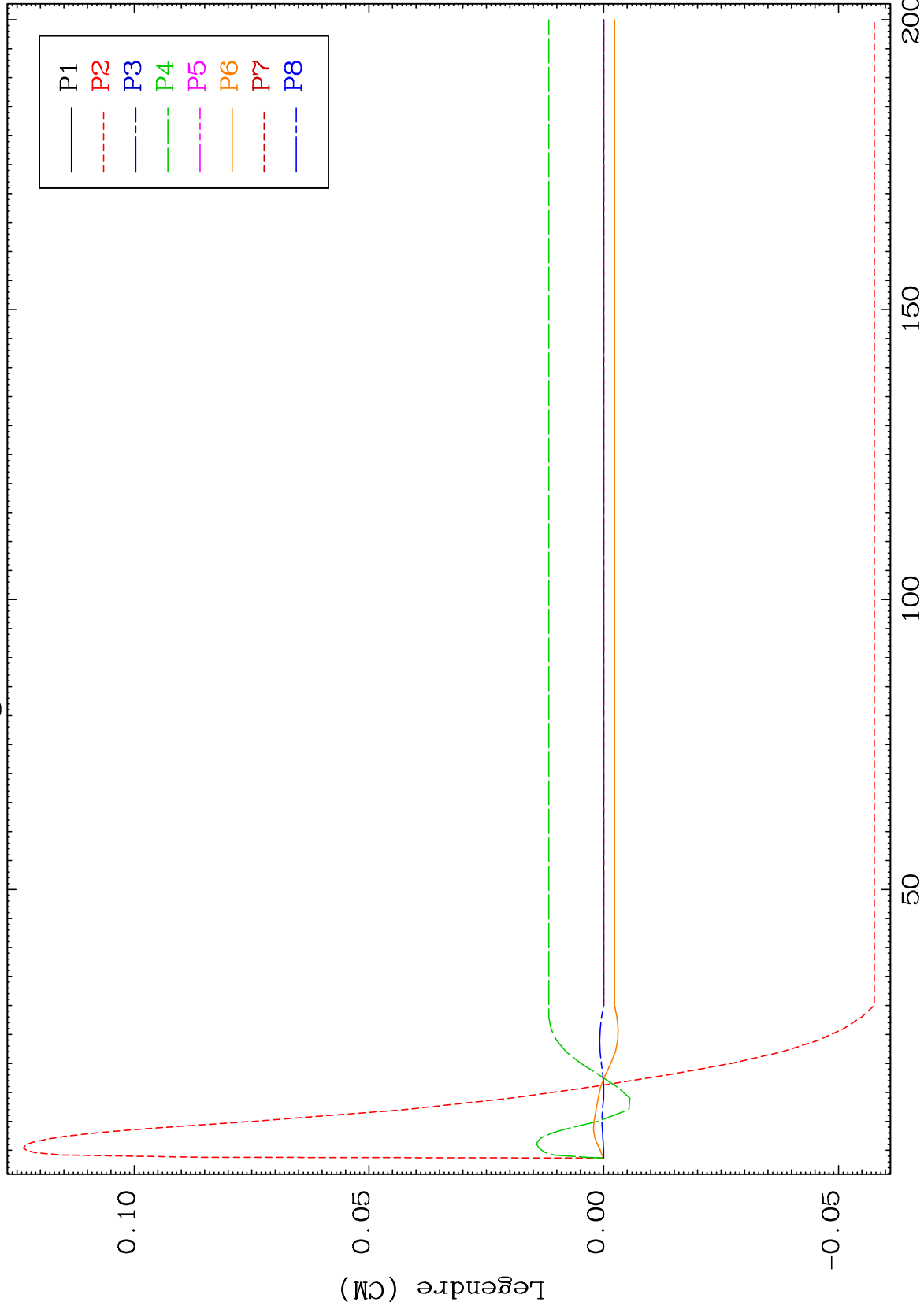
101

54-Xe-116

MAT 5401

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

54-Xe-116



54-Xe-116

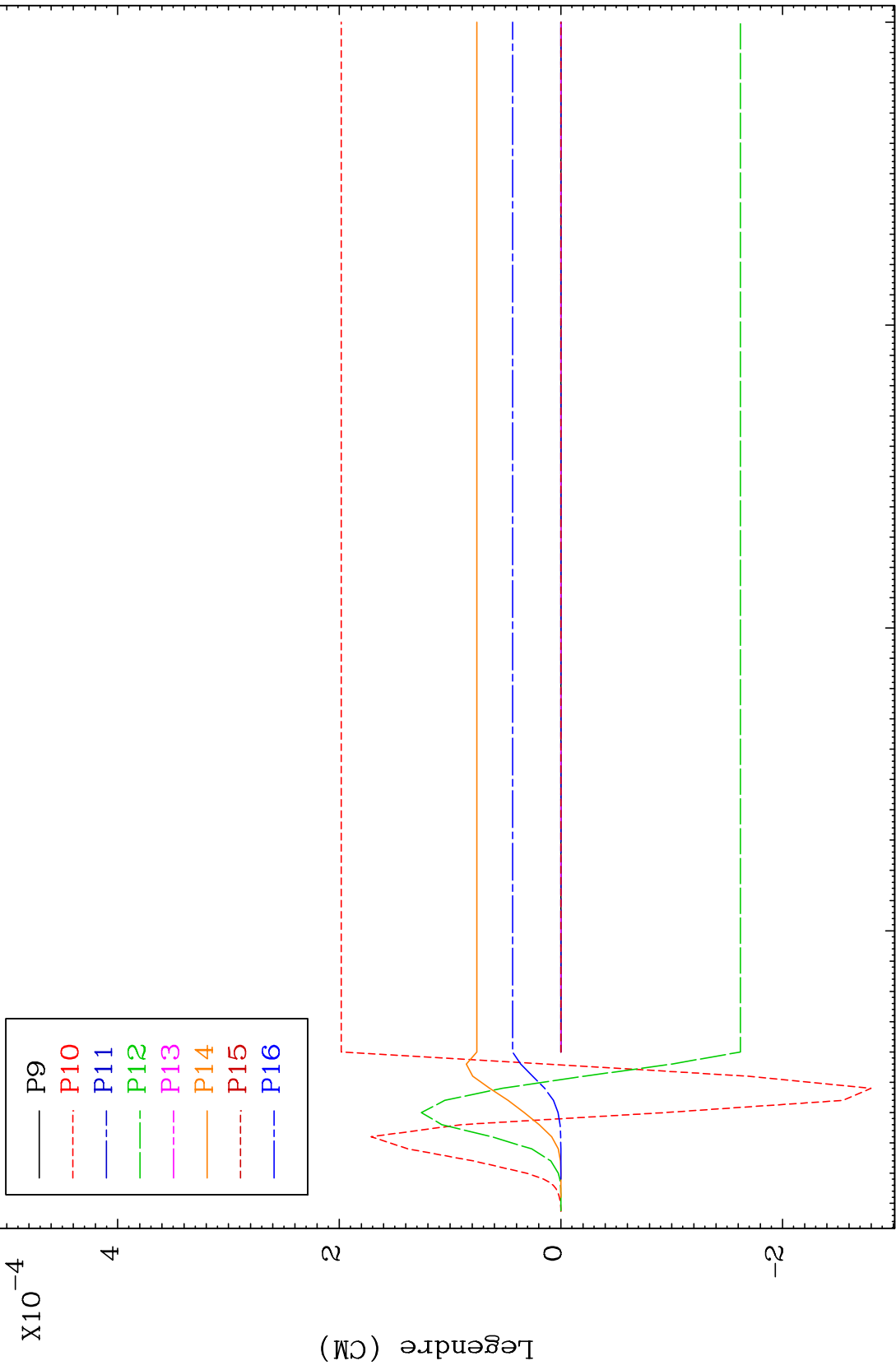
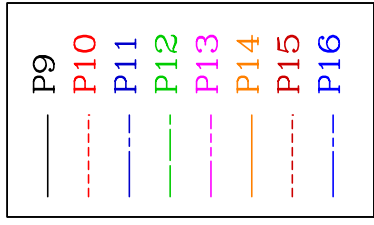
Incident Energy (MeV)

102

MAT 5401

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

54-Xe-116



103

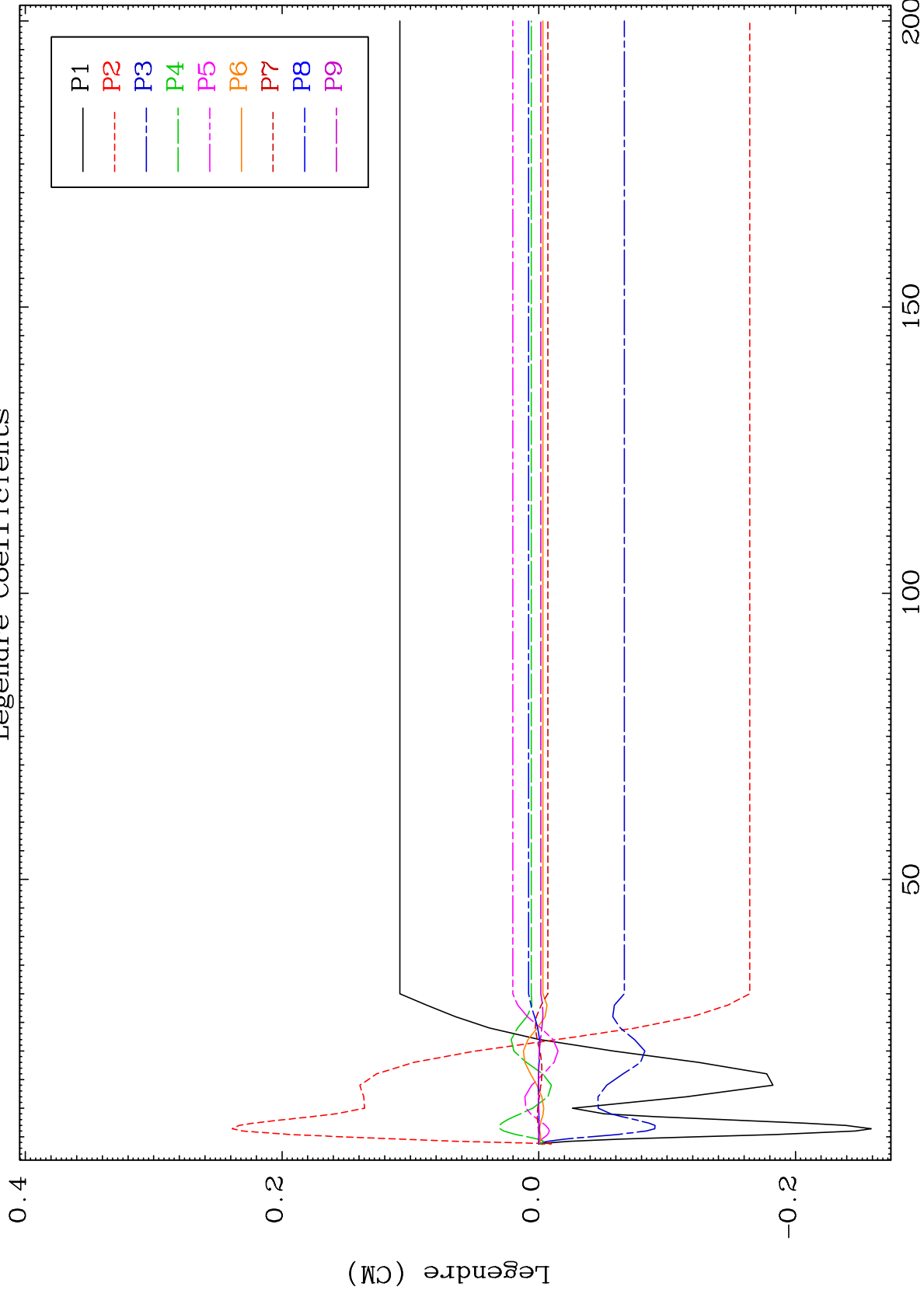
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



105

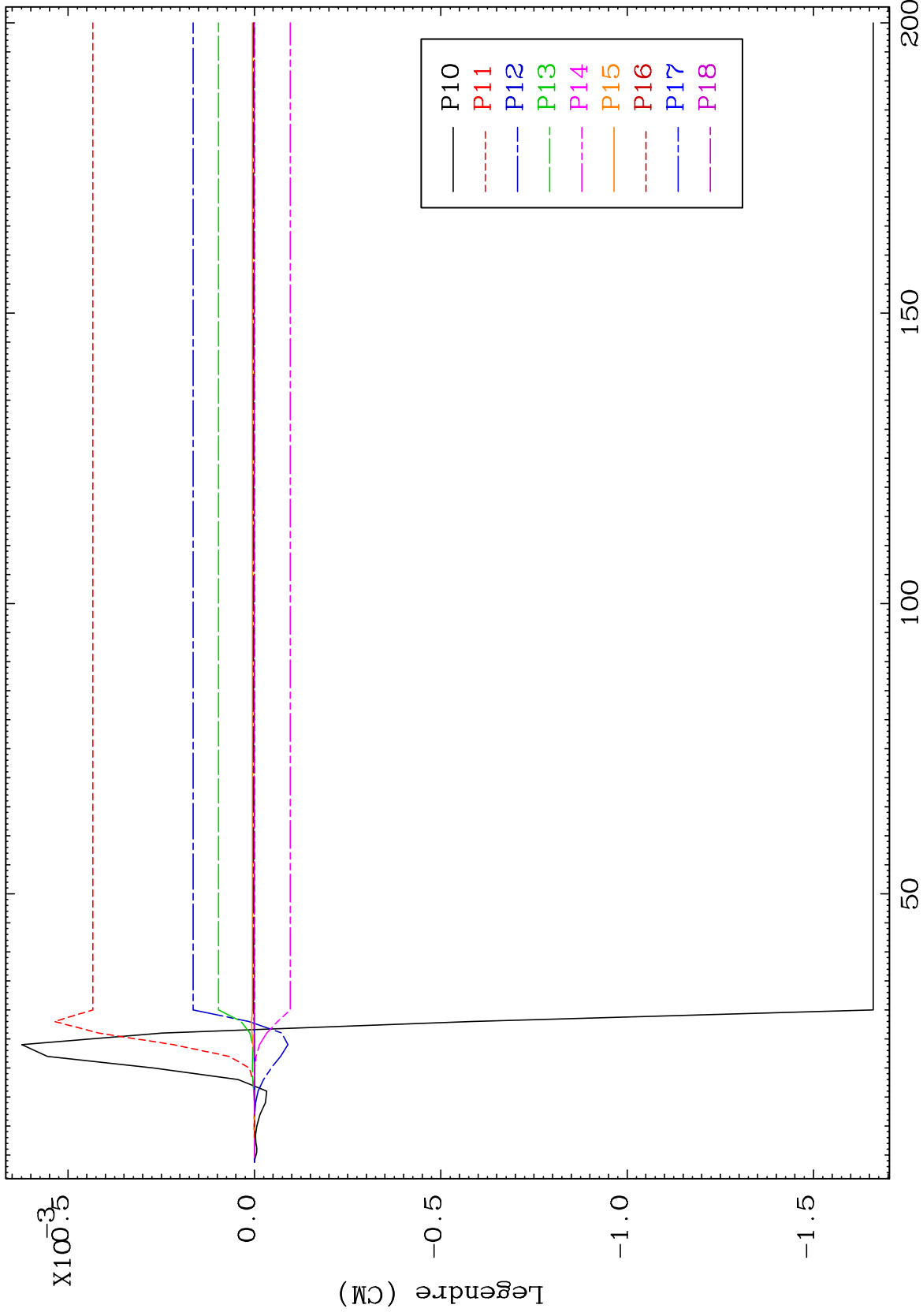
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



106

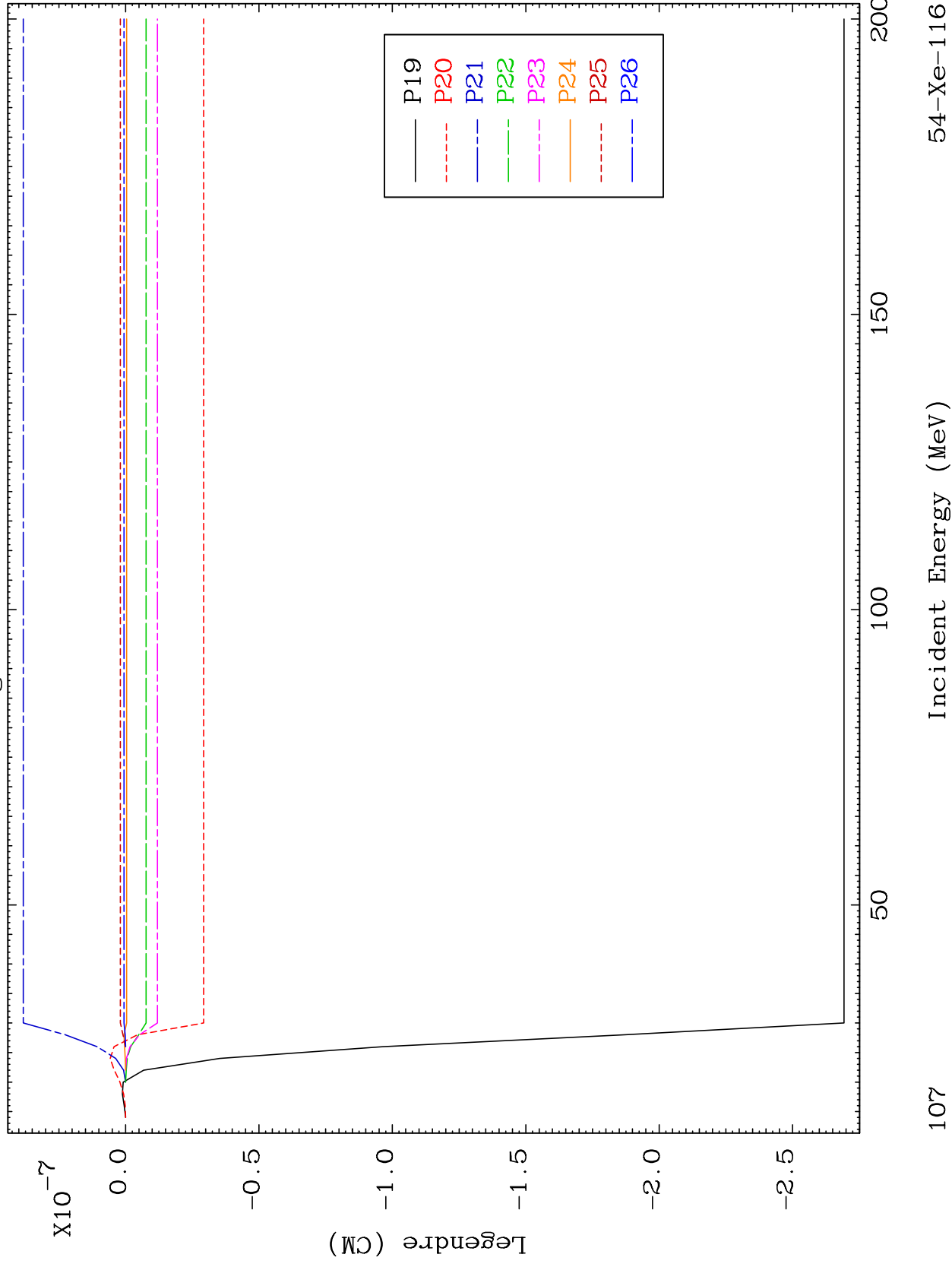
Incident Energy (MeV)

54-Xe-116

MAT 5401

54-Xe-116

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



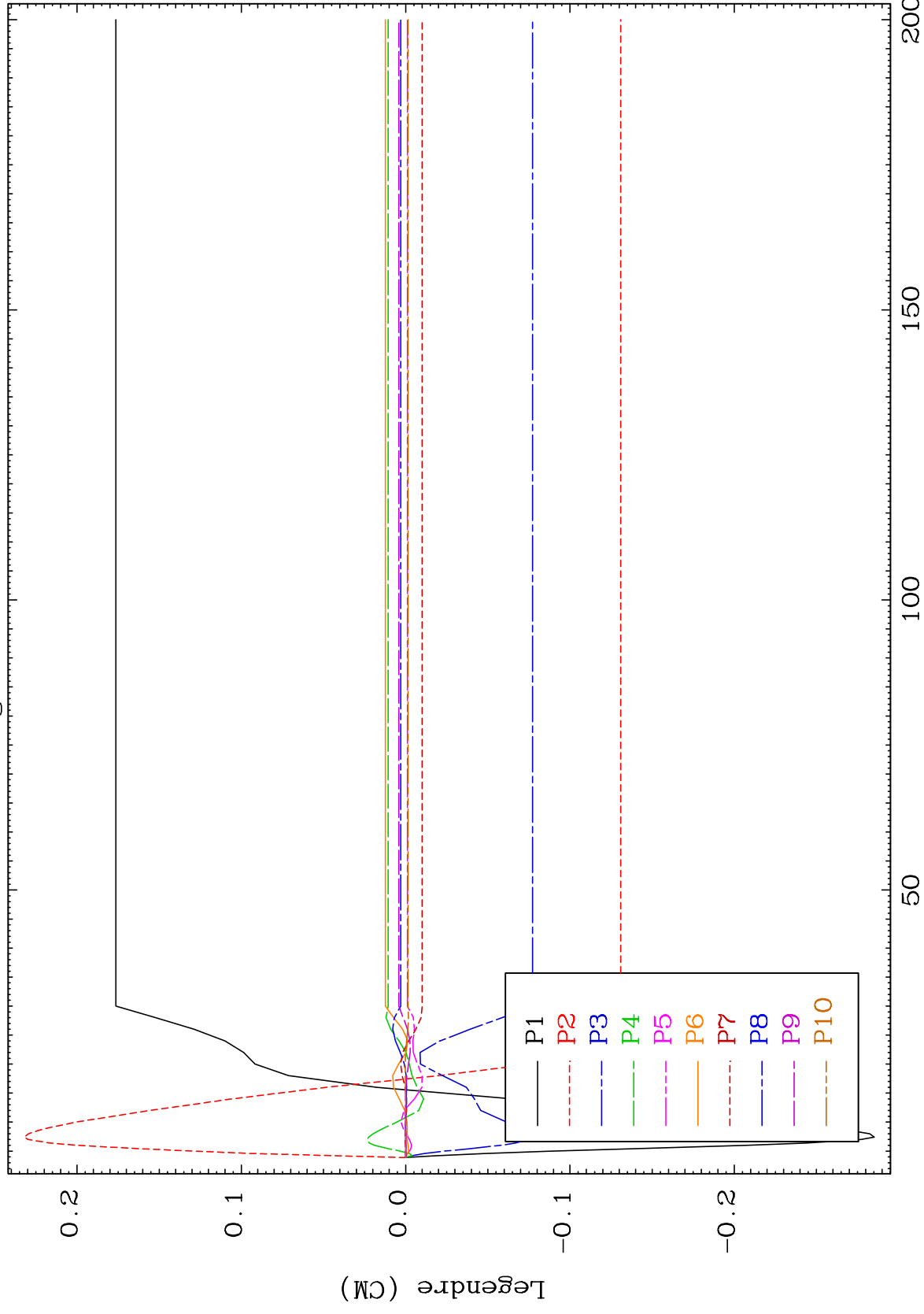
107

54-Xe-116

MAT 5401

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

54-Xe-116



108

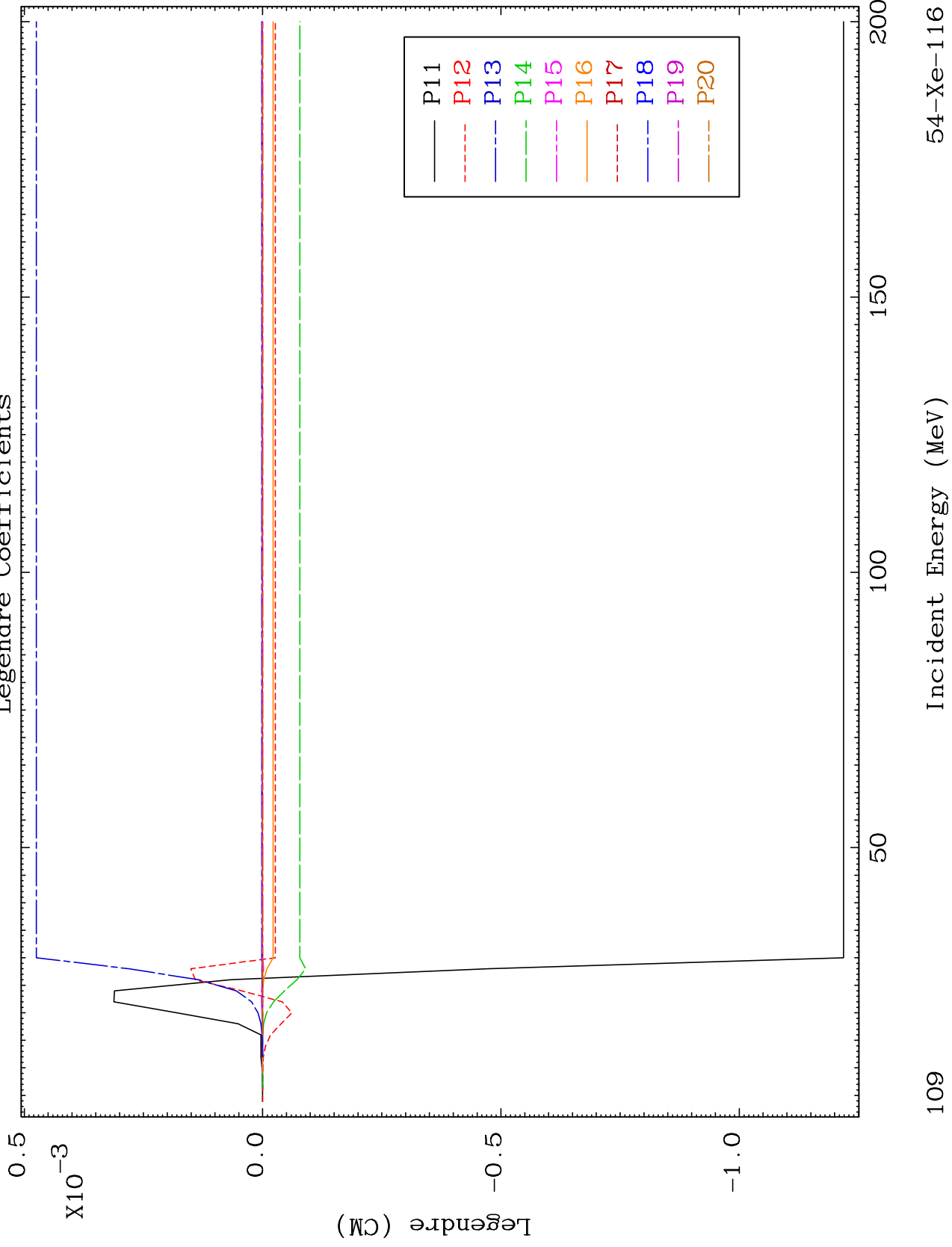
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



109

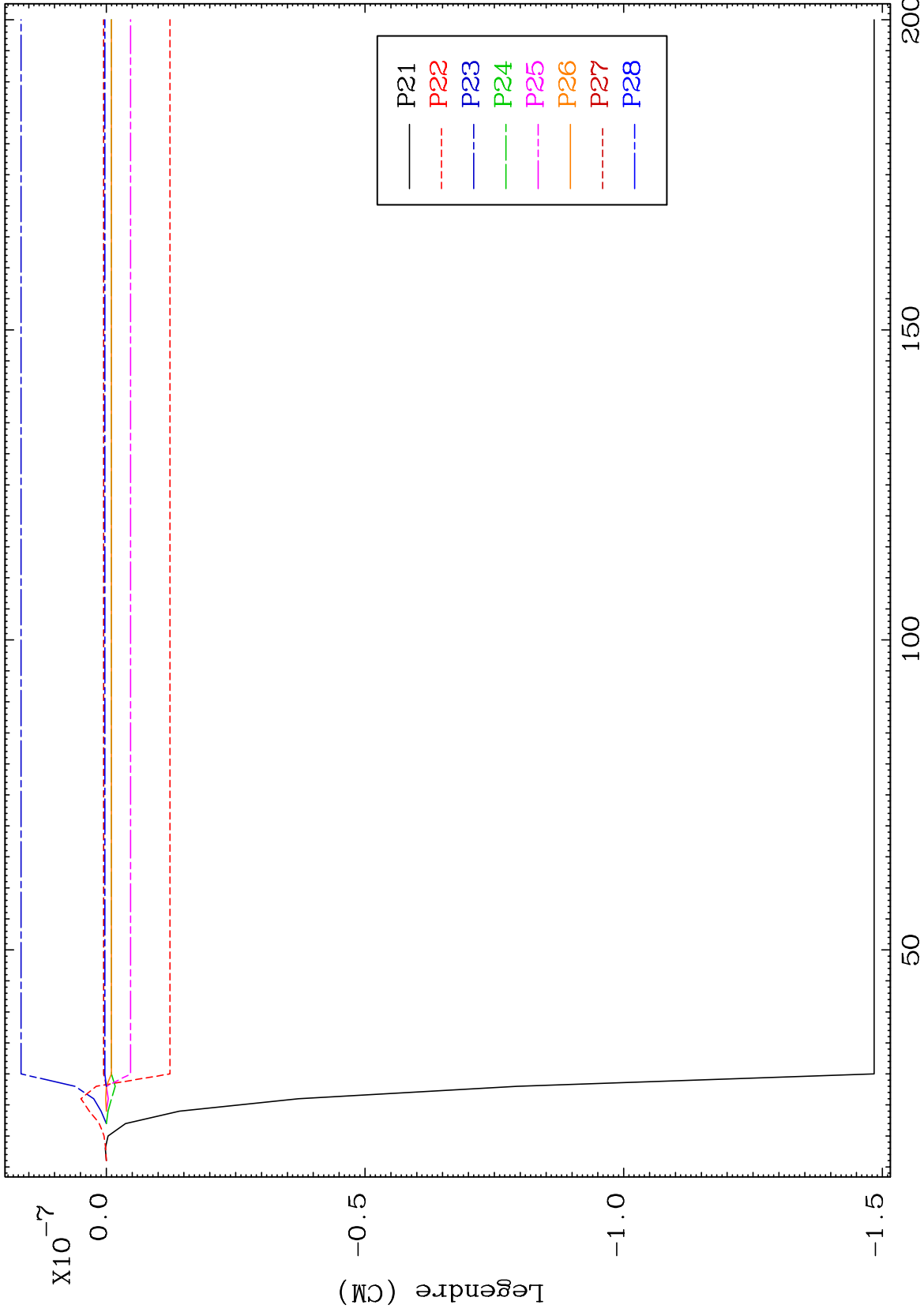
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



110

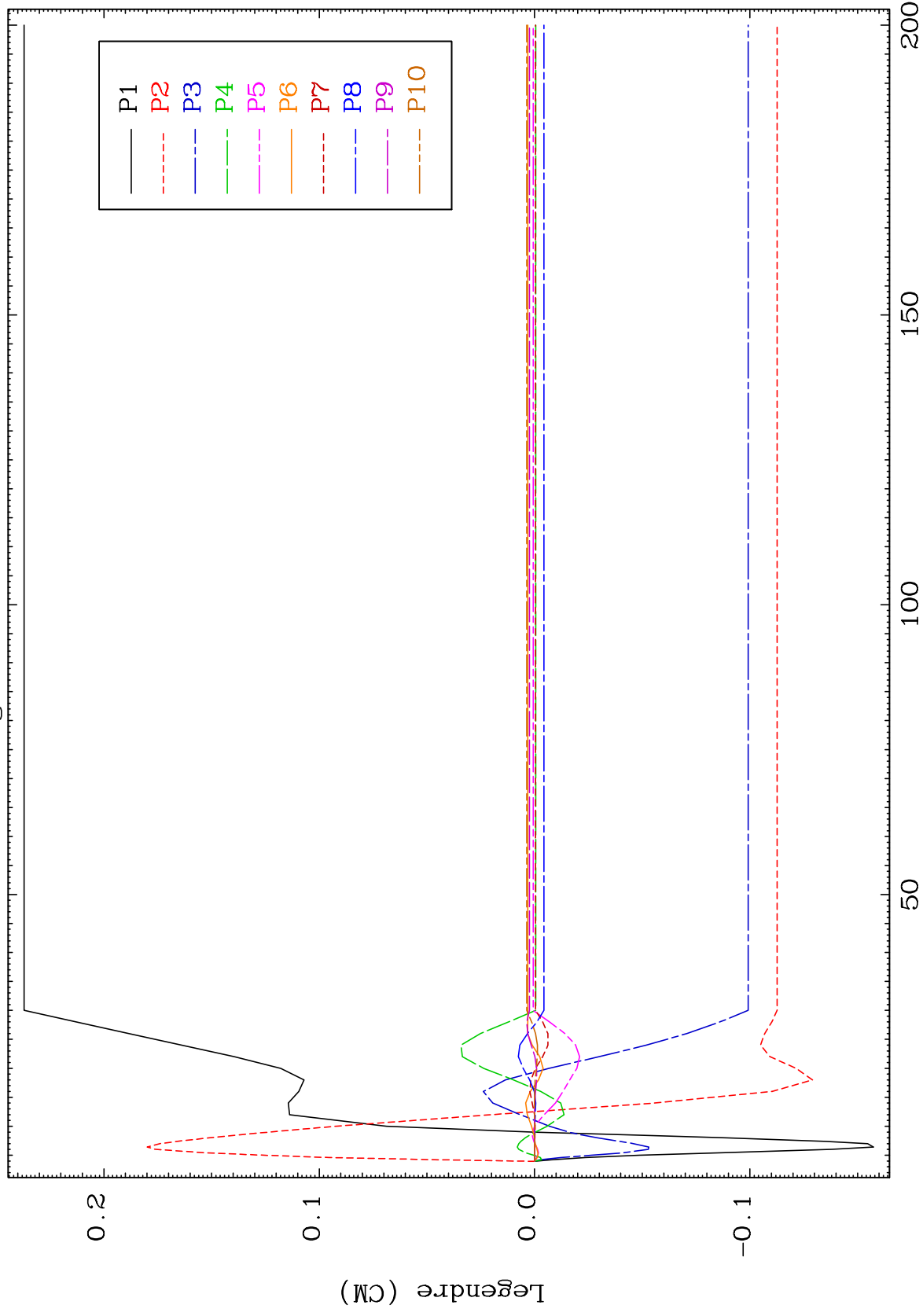
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



111

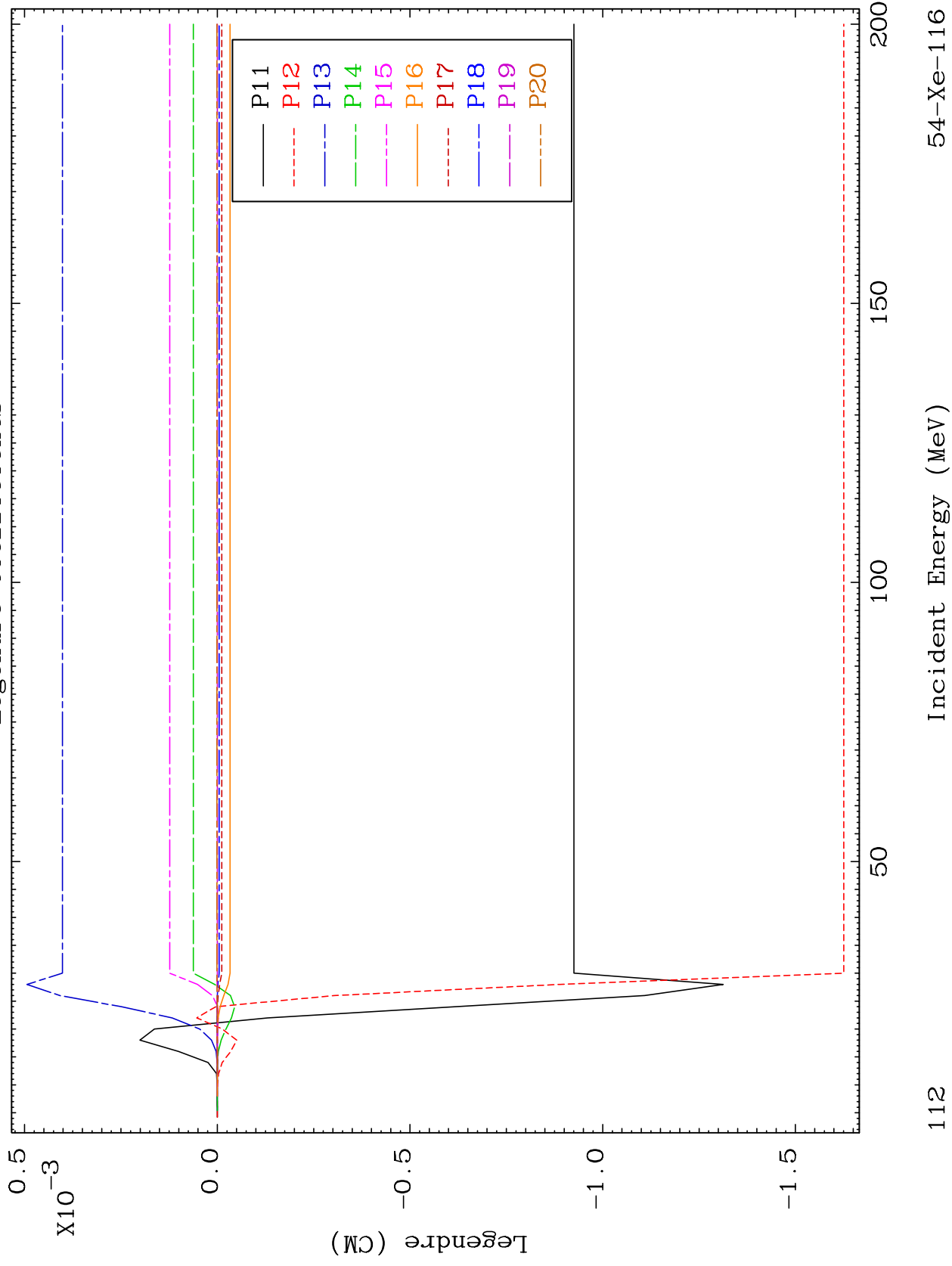
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

54-Xe-116



112

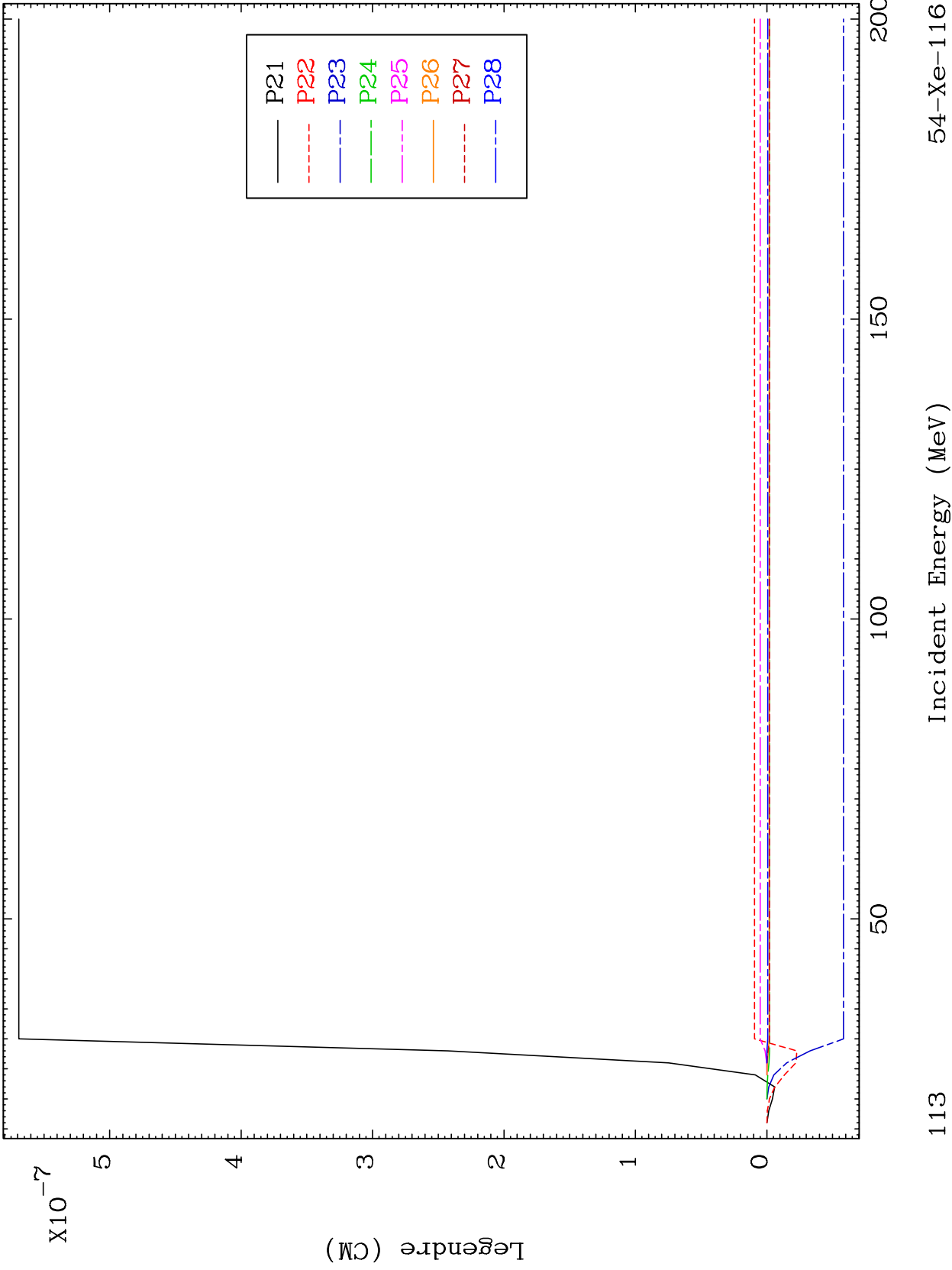
Incident Energy (MeV)

54-Xe-116

MAT 5401

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

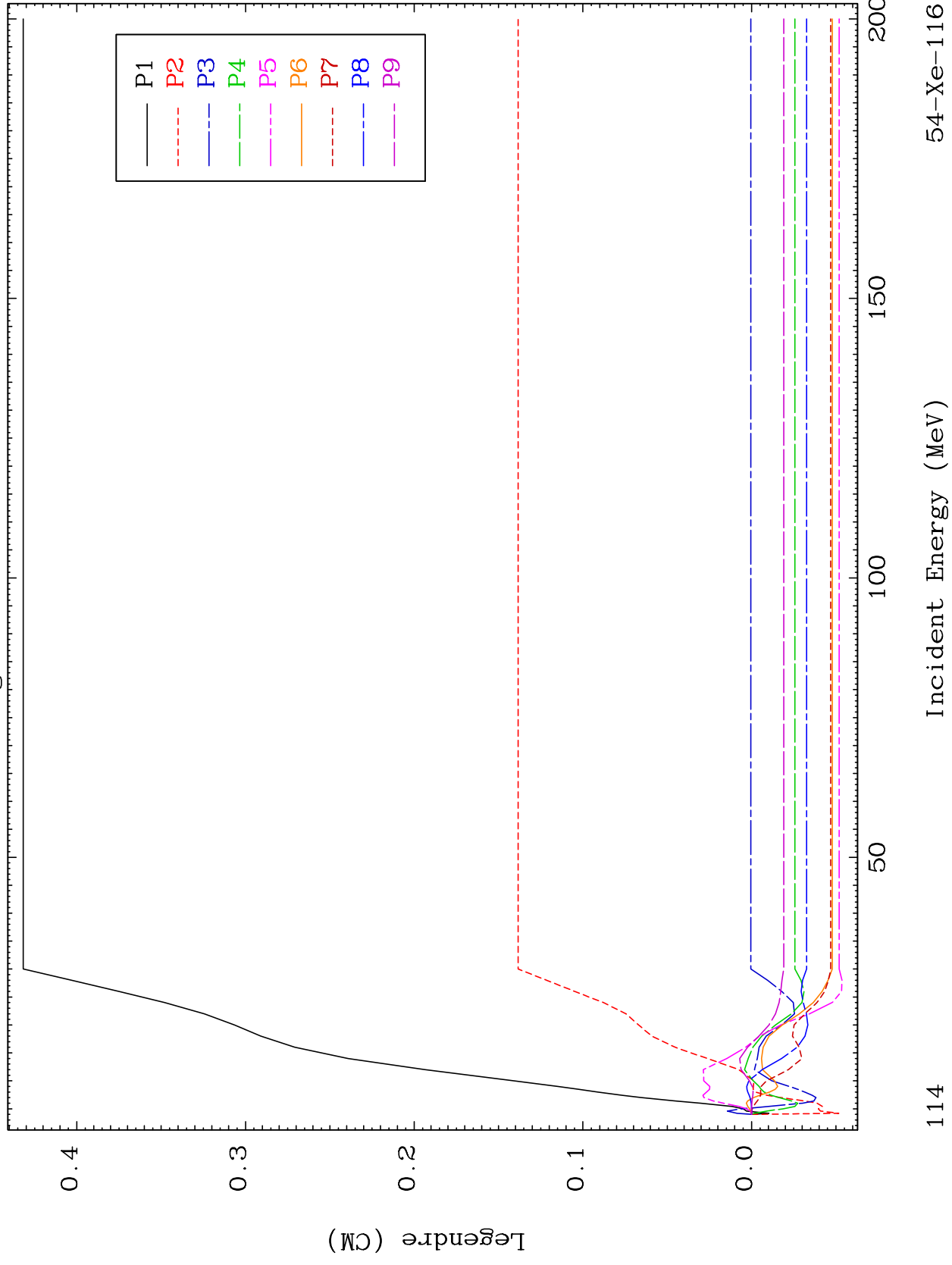
54-Xe-116



MAT 5401

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

54-Xe-116



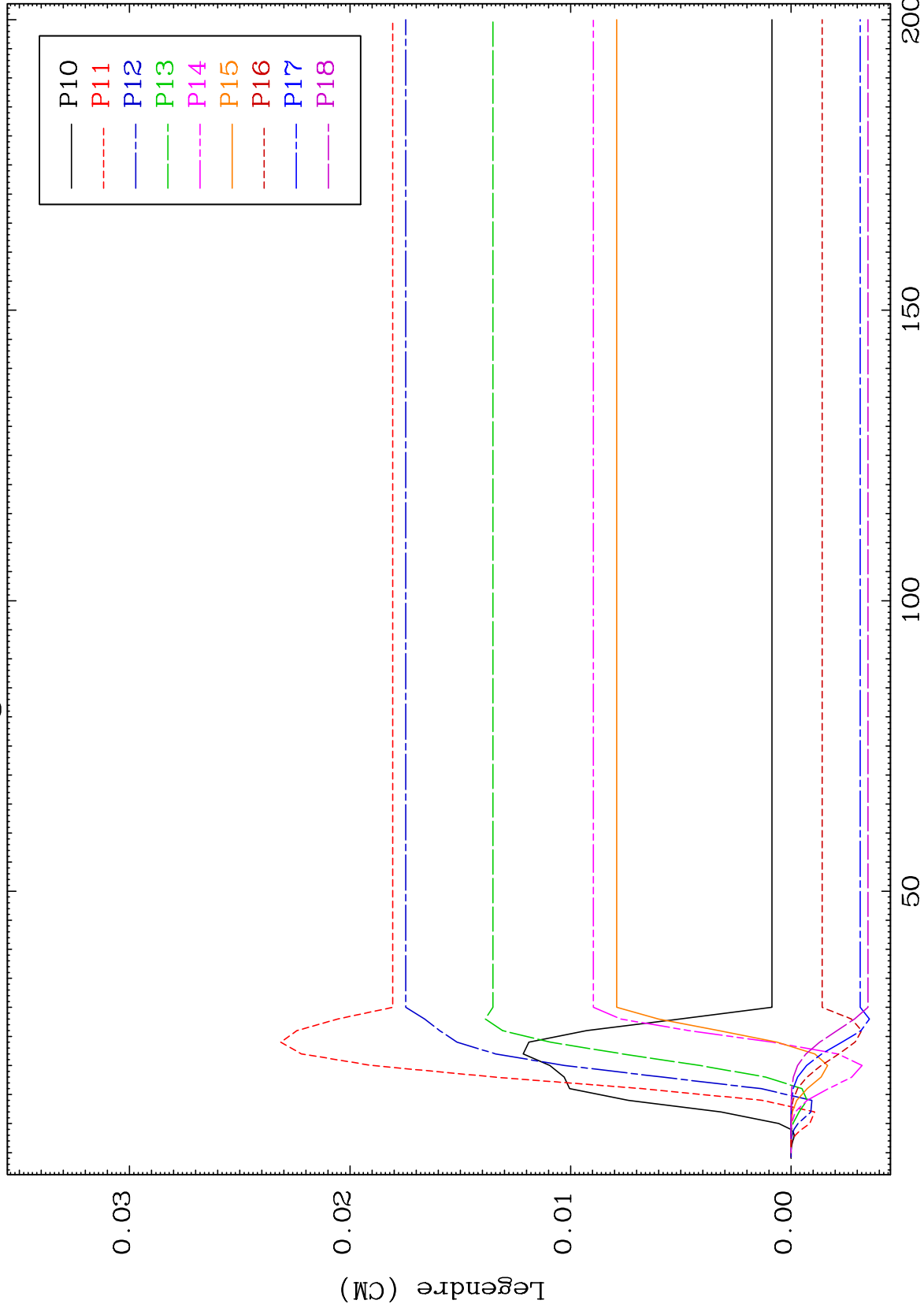
114

54-Xe-116

MAT 5401

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

54-Xe-116



115

Incident Energy (MeV)

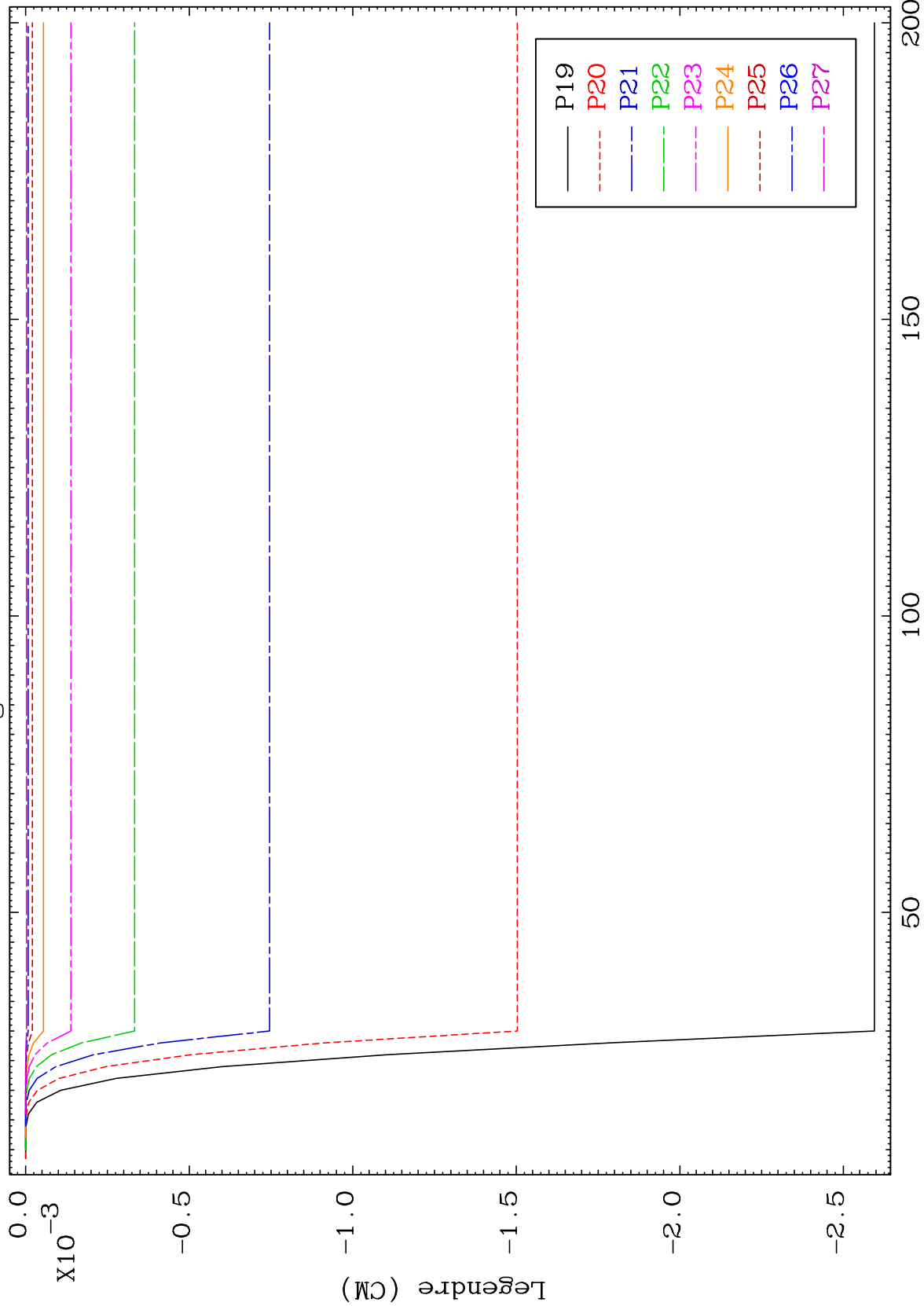
54-Xe-116

MAT 5401

MT= 78 (n,n') Level

54-Xe-116

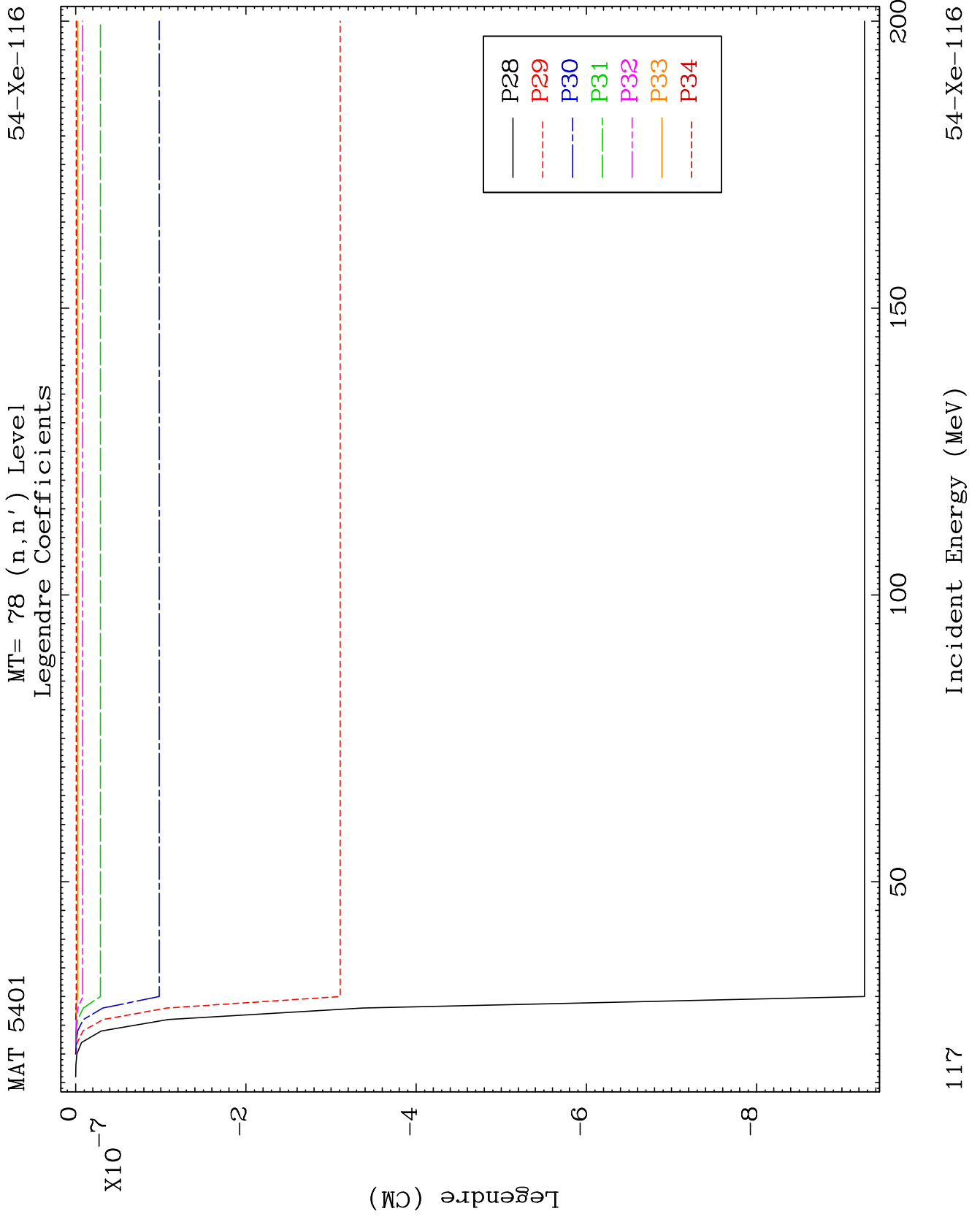
Legendre Coefficients



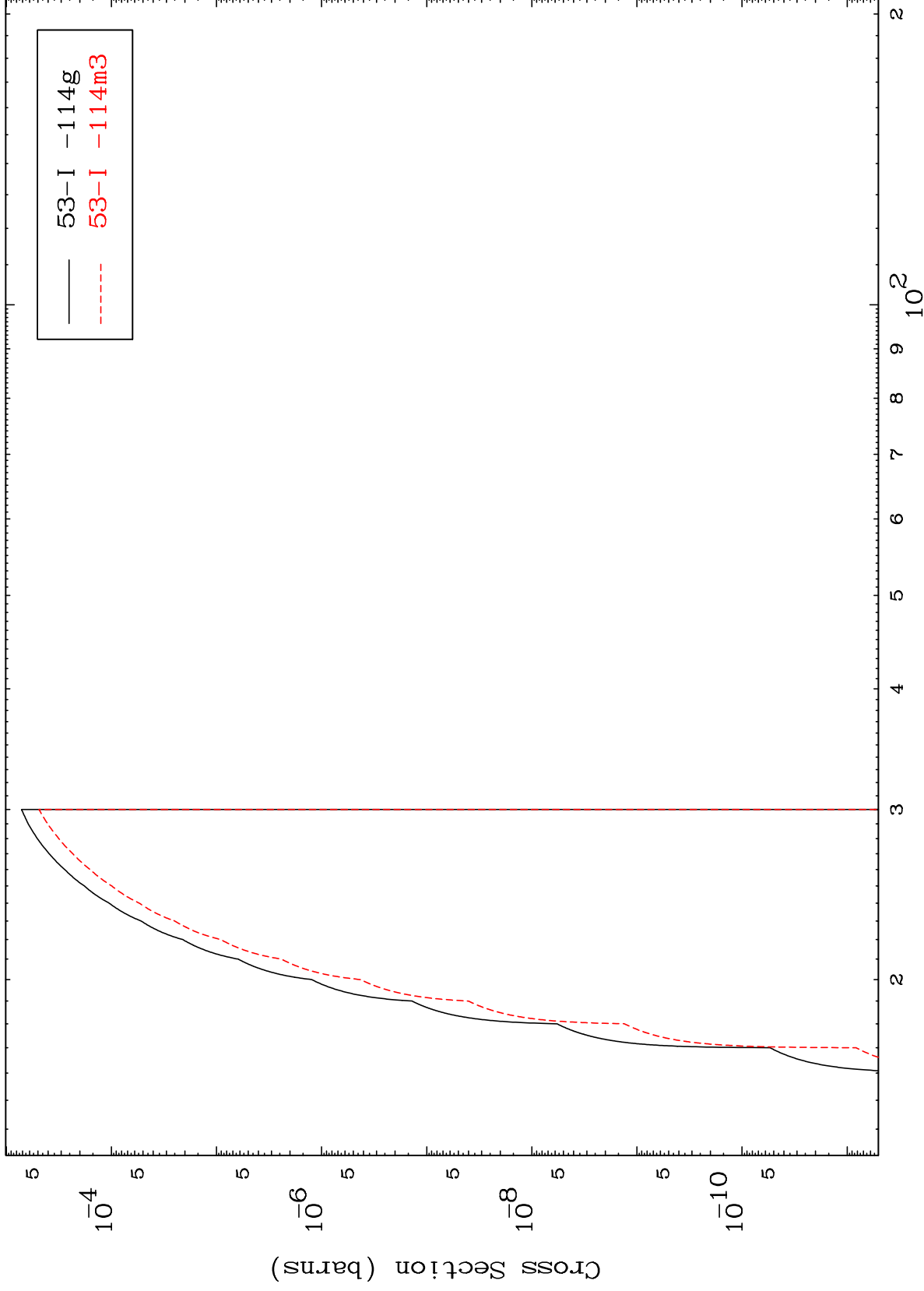
54-Xe-116

Incident Energy (MeV)

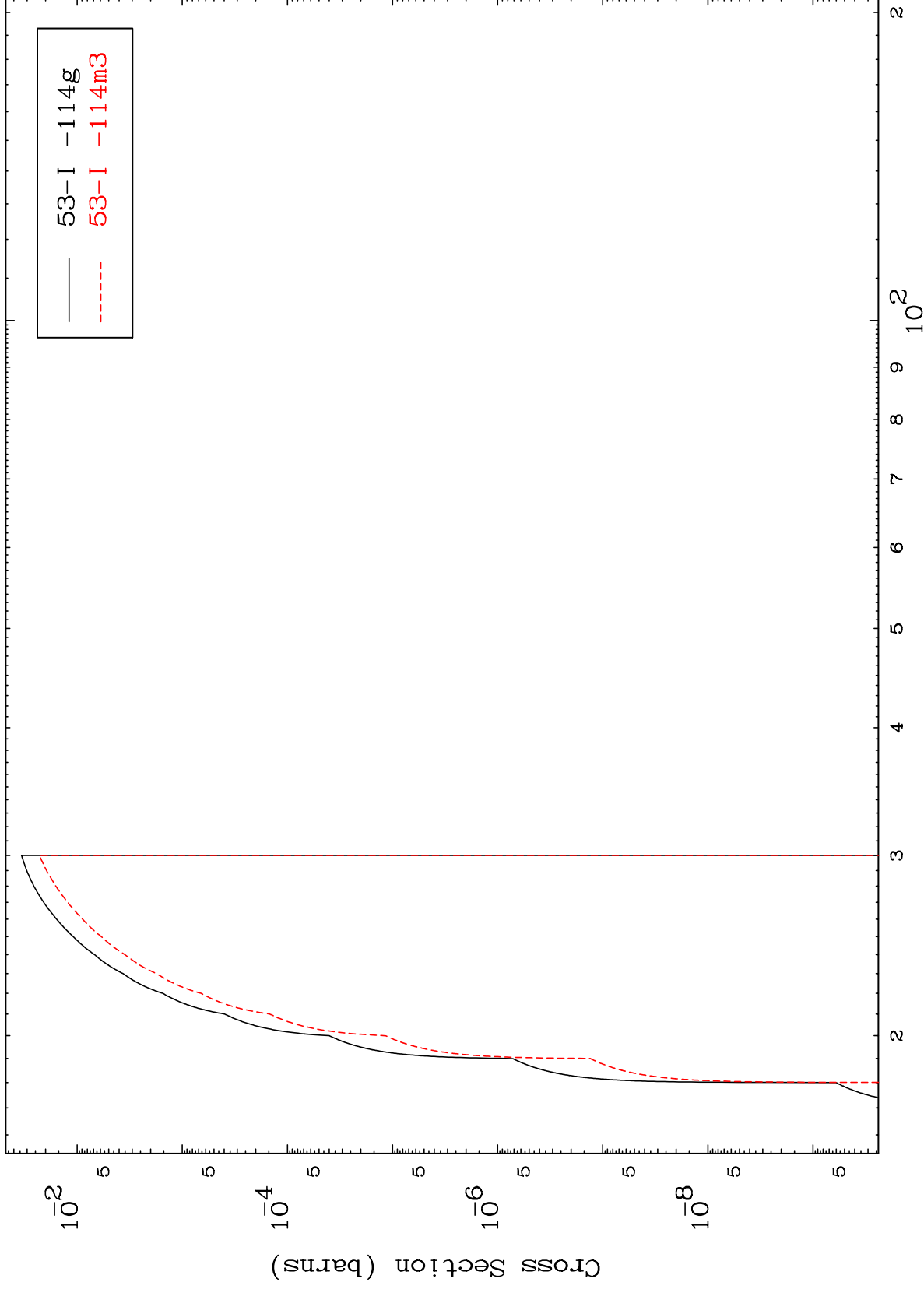
116



Radionuclide Production Cross Section



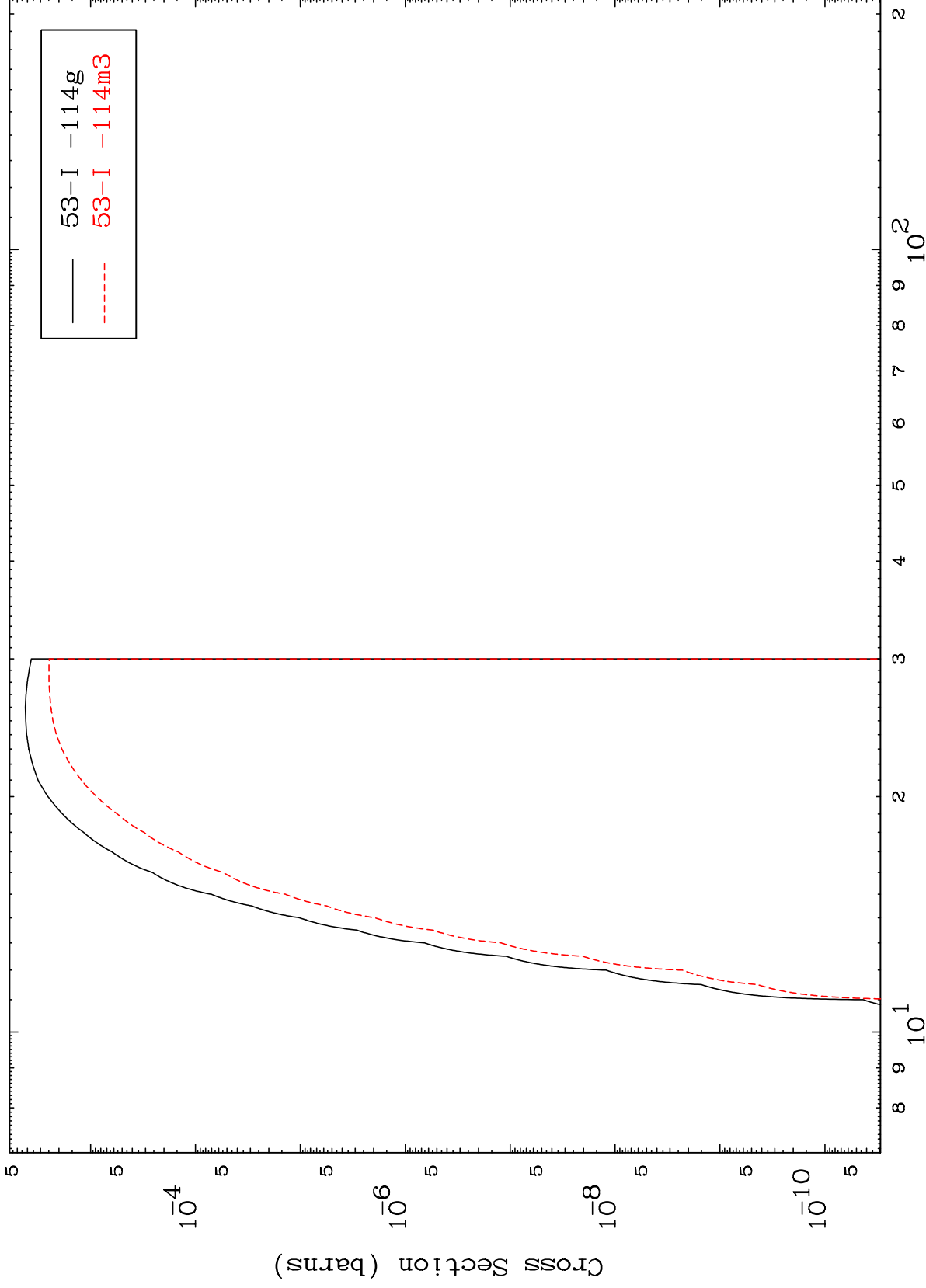
Radionuclide Production Cross Section



MAT 5401

54-Xe-116

(n,t)
Radionuclide Production Cross Section



54-Xe-116

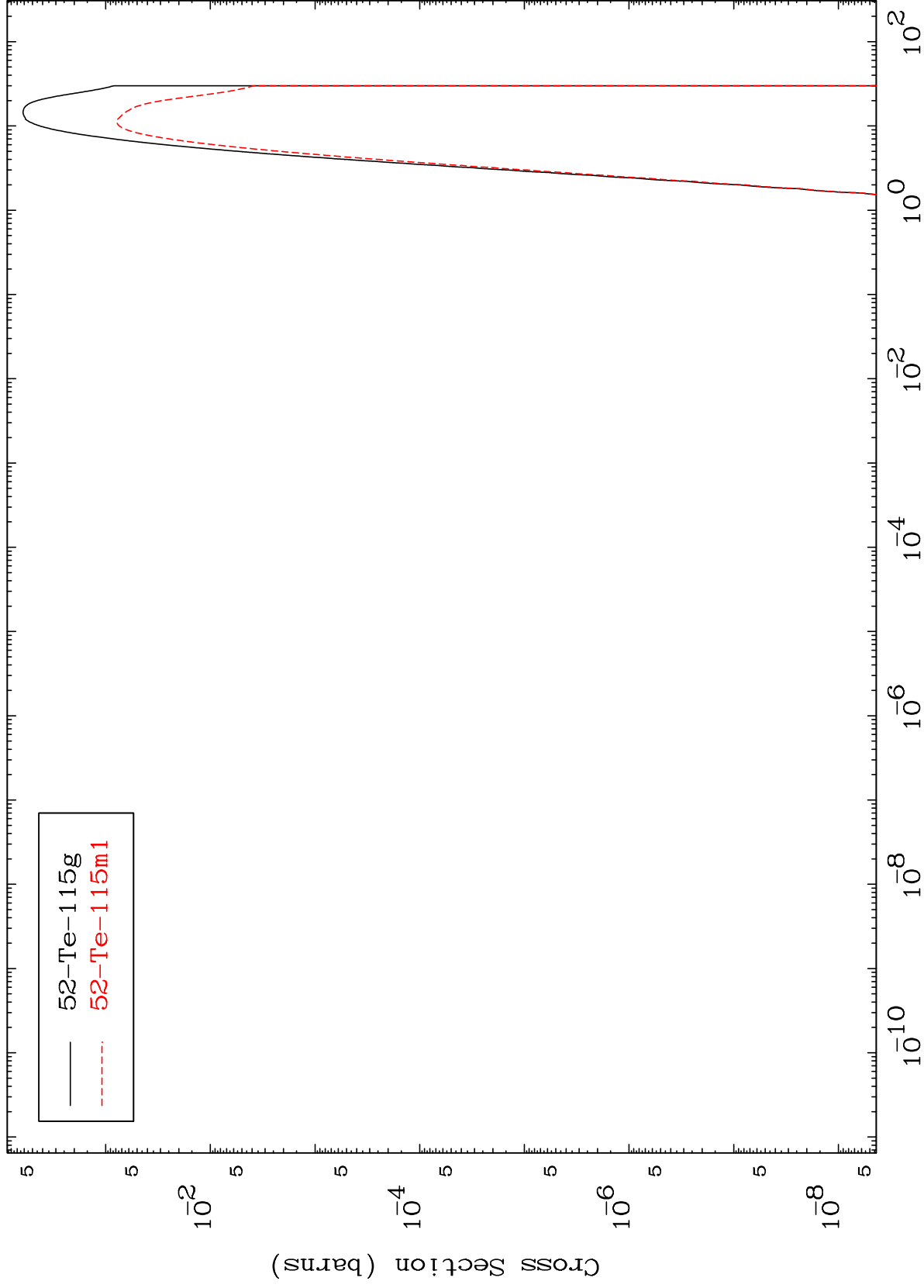
Incident Energy (MeV)

120

MAT 5401

54-Xe-116

(n,2p)
Radionuclide Production Cross Section



121

54-Xe-116

MAT 5401

(n,d) 2 α

54-Xe-116

Radionuclide Production Cross Section

