

Program EVALPLOT
(Version 2017-1)

by

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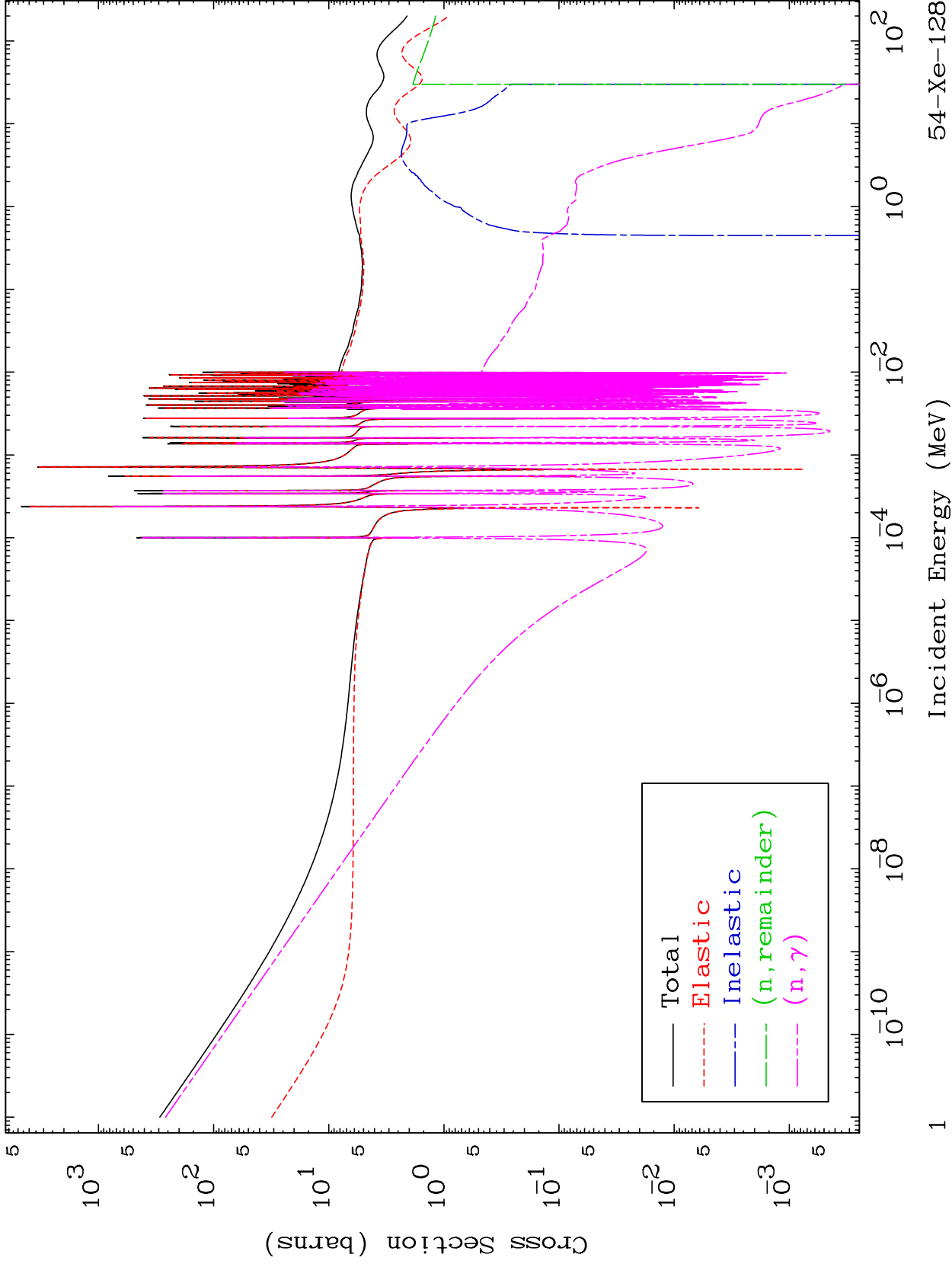
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5437

Major
293 Kelvin Cross Sections

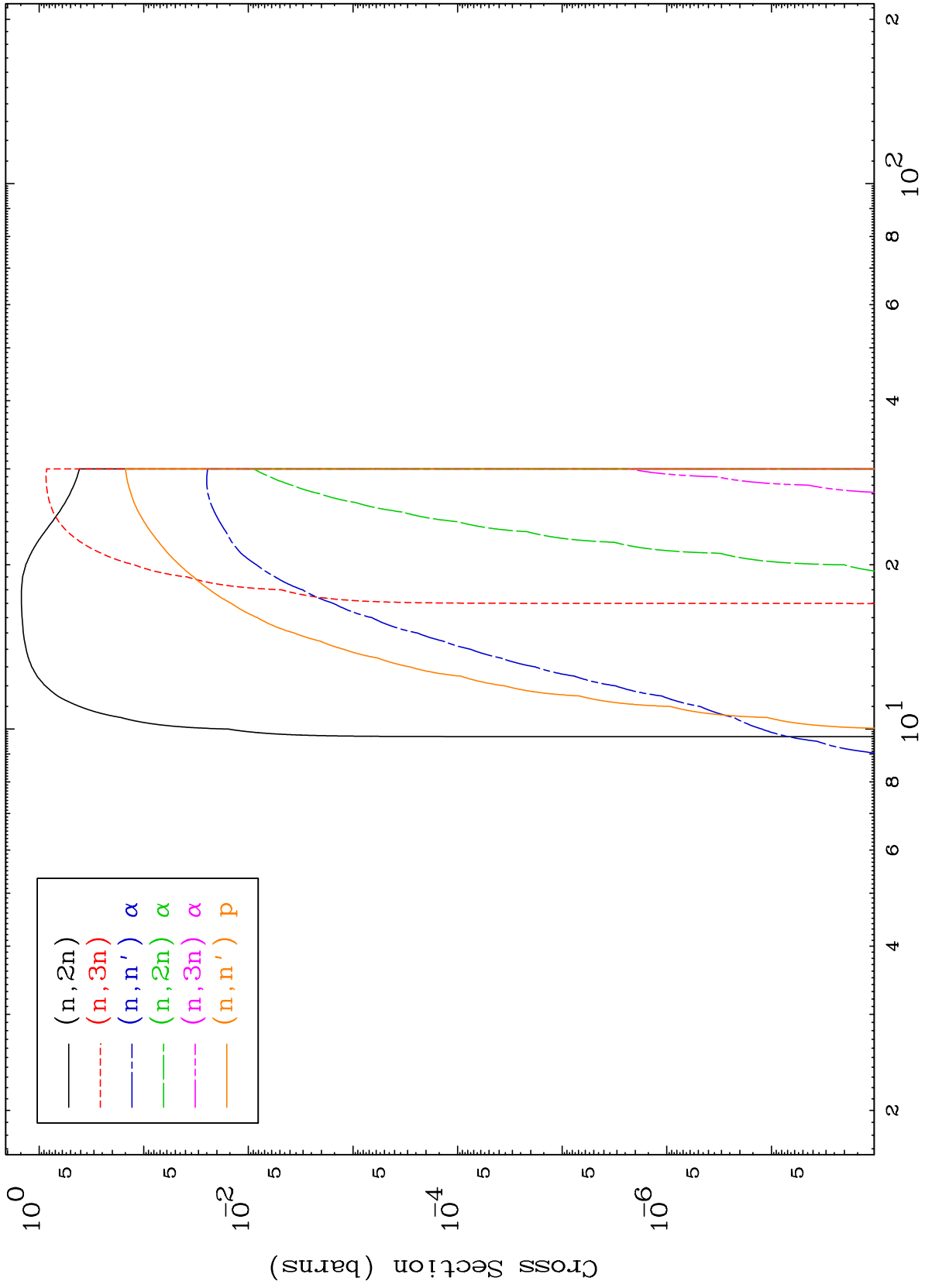
54-Xe-128



MAT 5437

Neutron Production
293 Kelvin Cross Sections

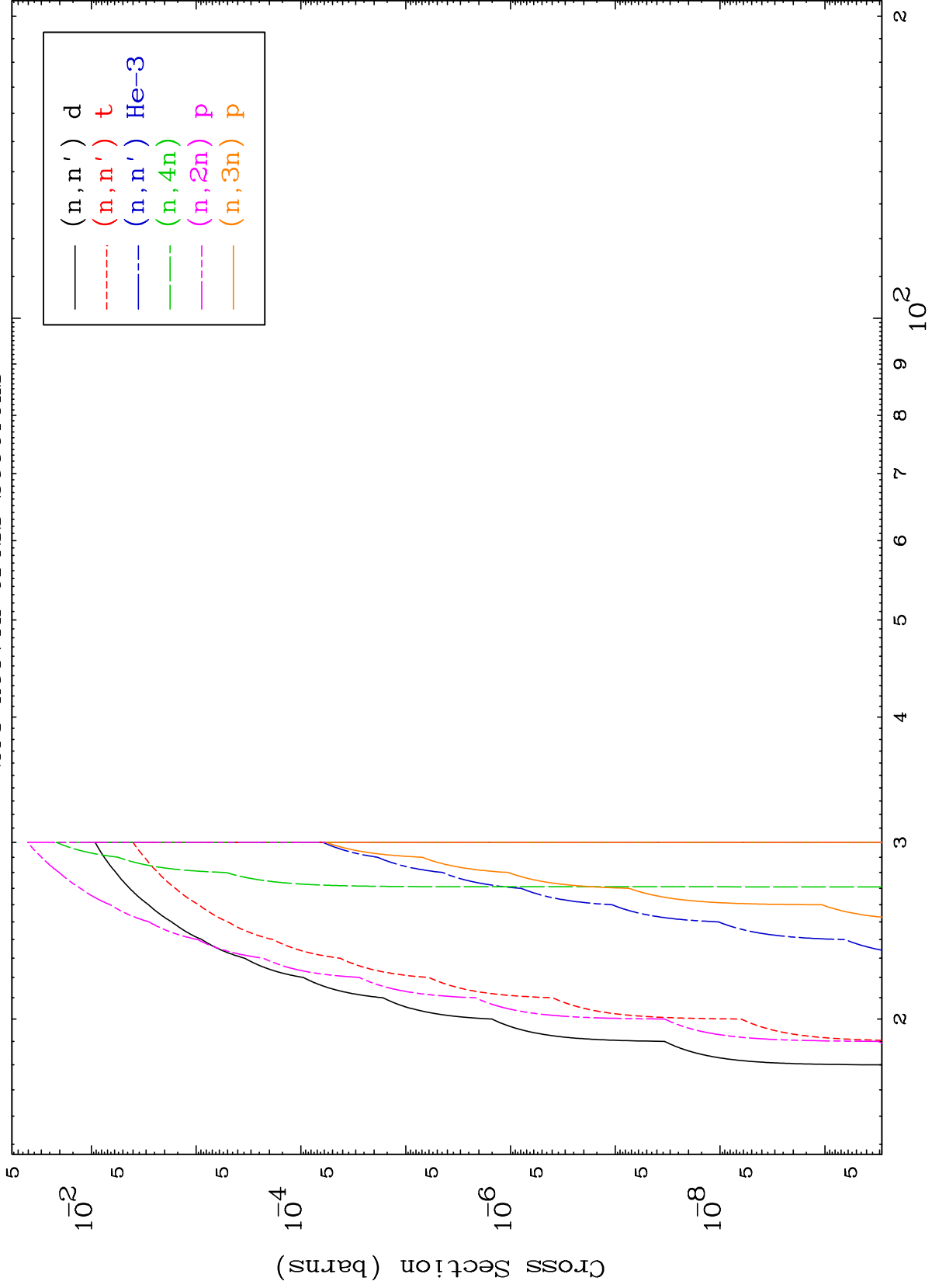
54-Xe-128

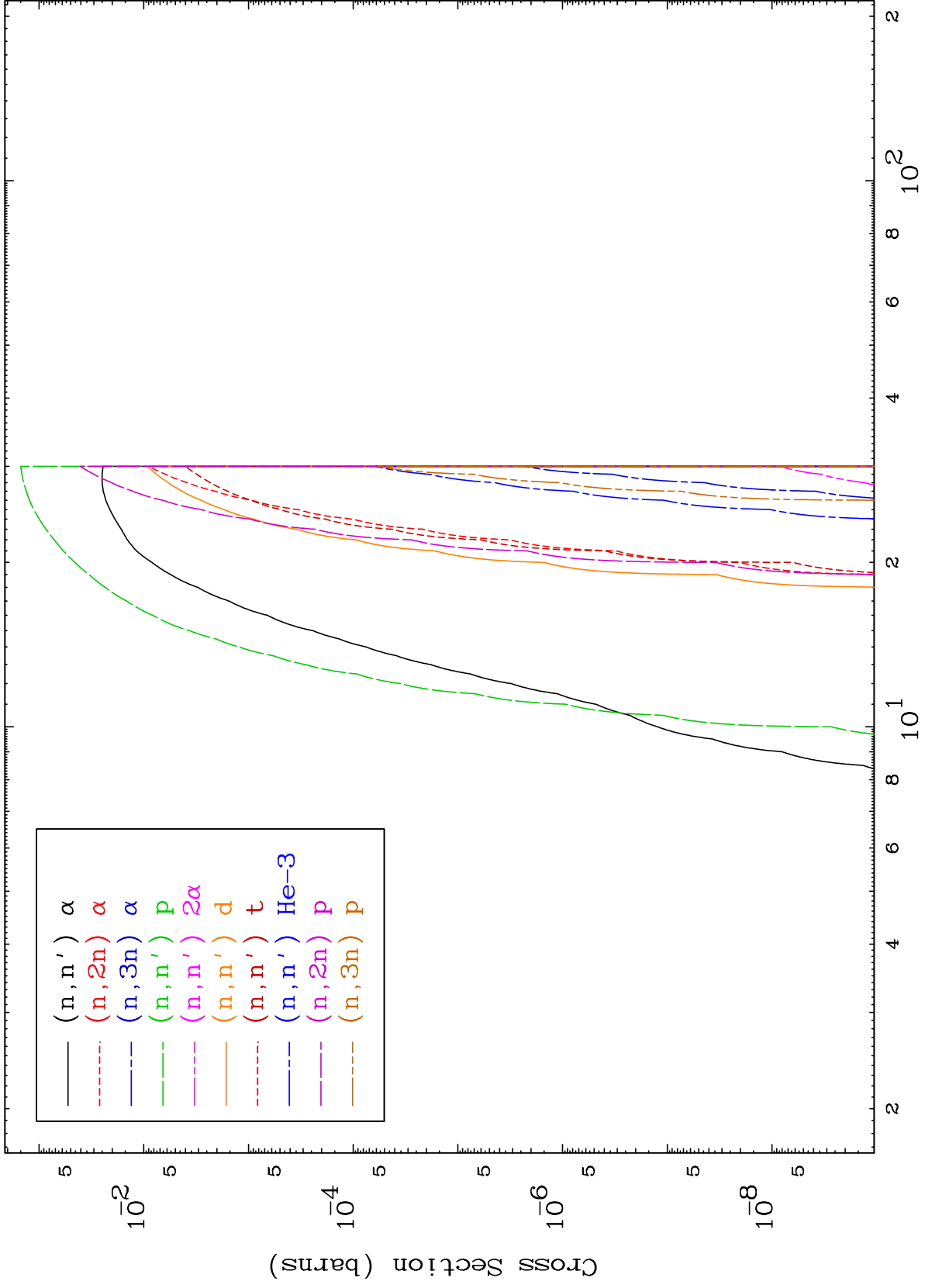


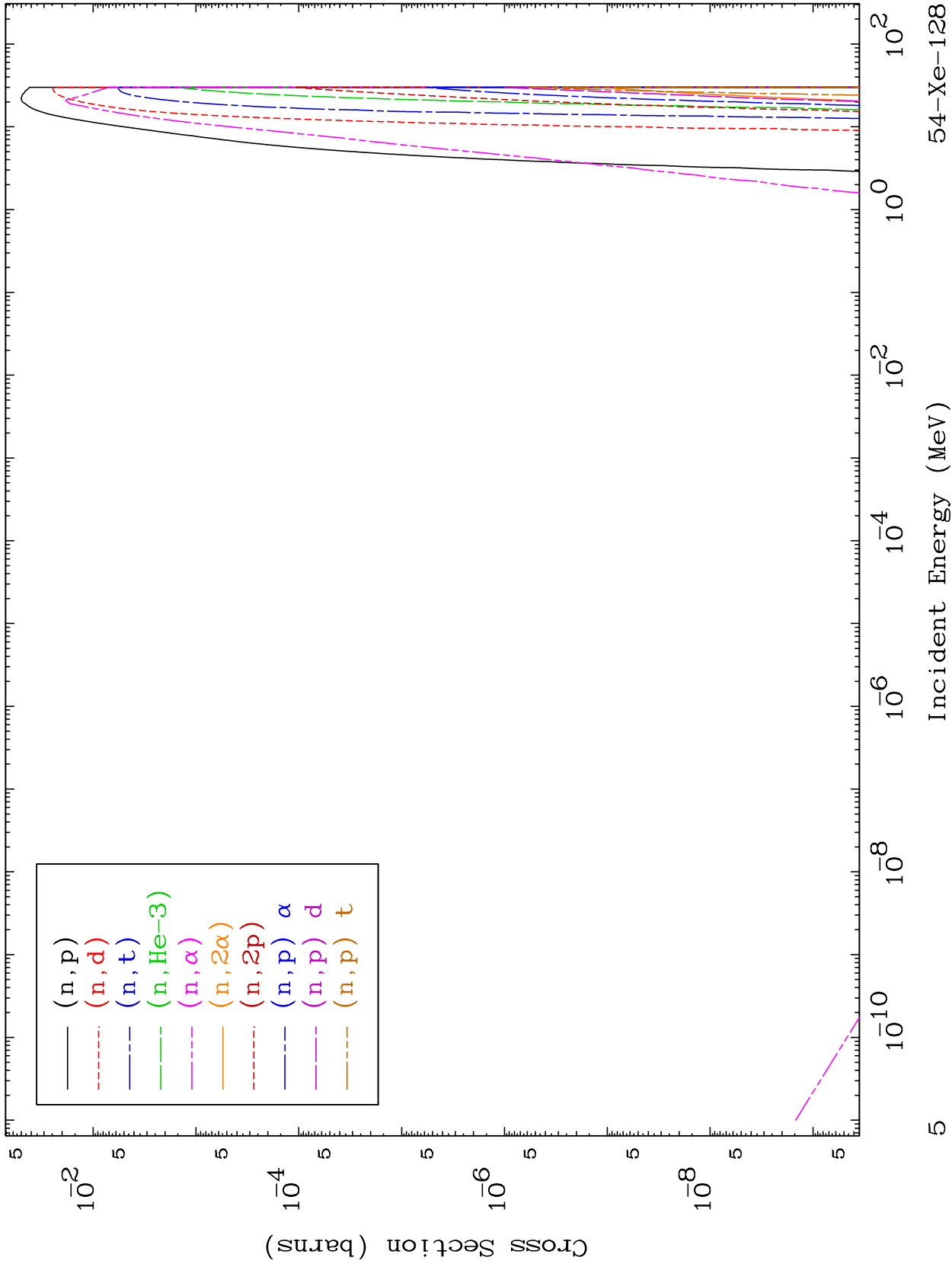
2

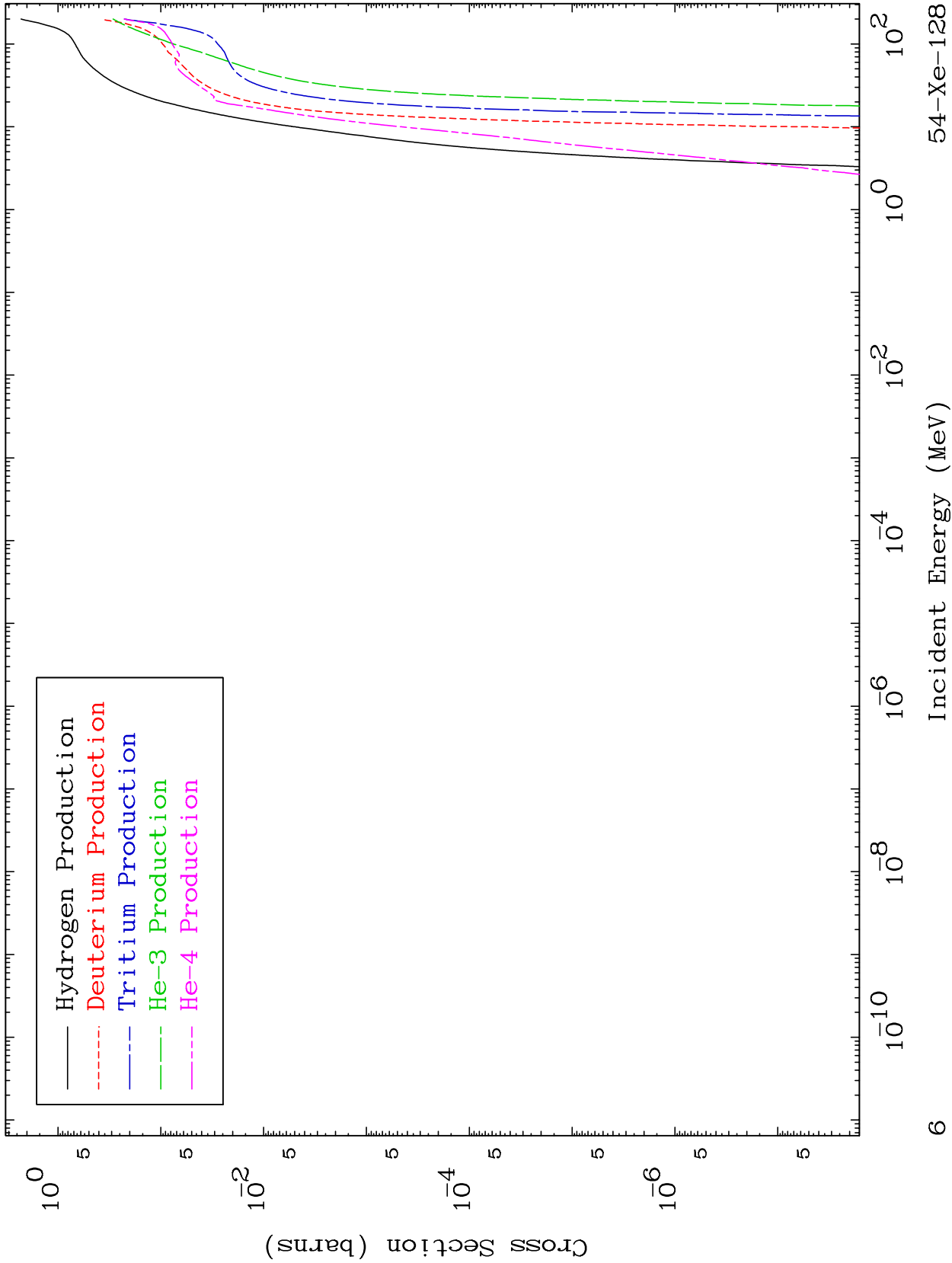
Incident Energy (MeV)

54-Xe-128

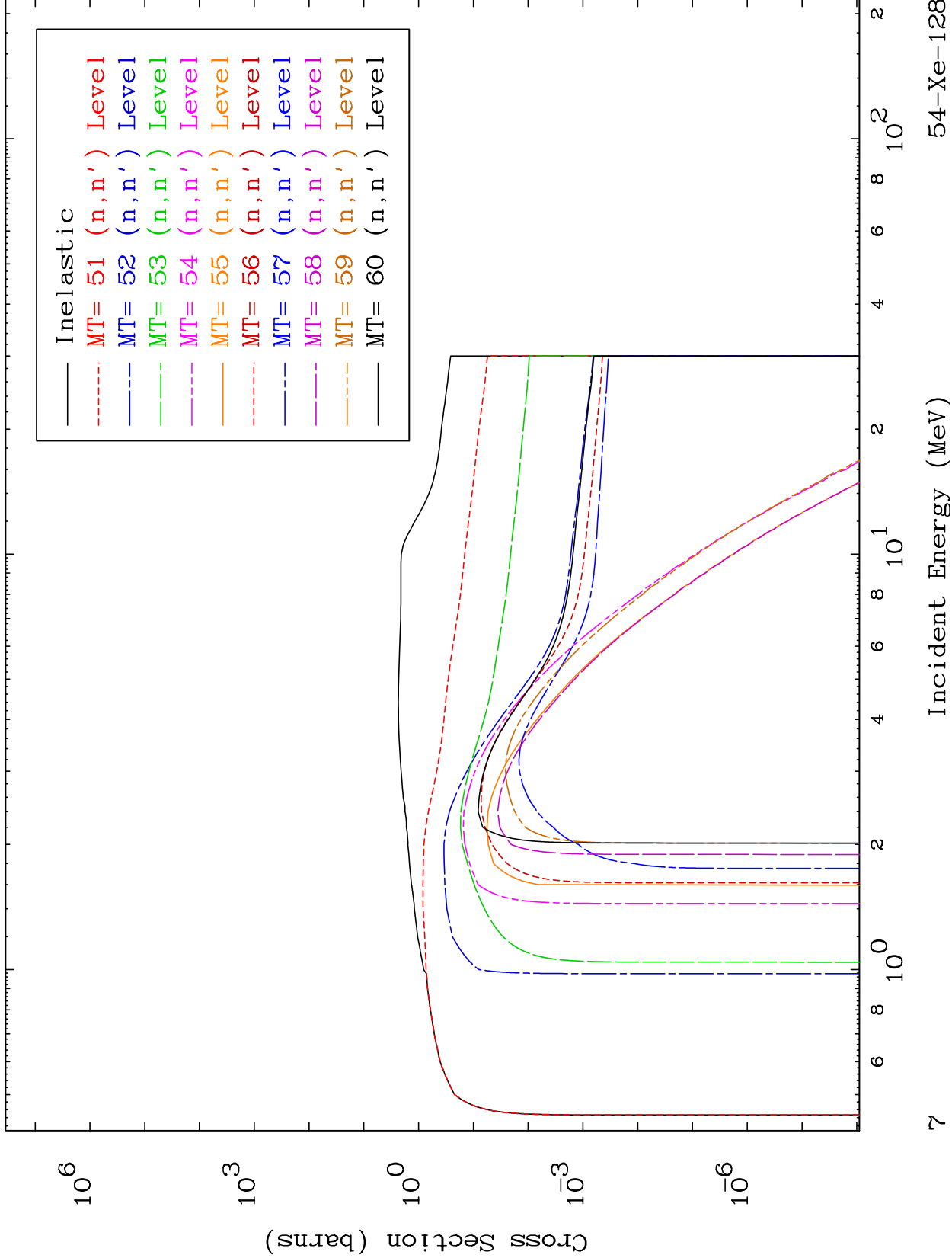








293 Kelvin Cross Sections

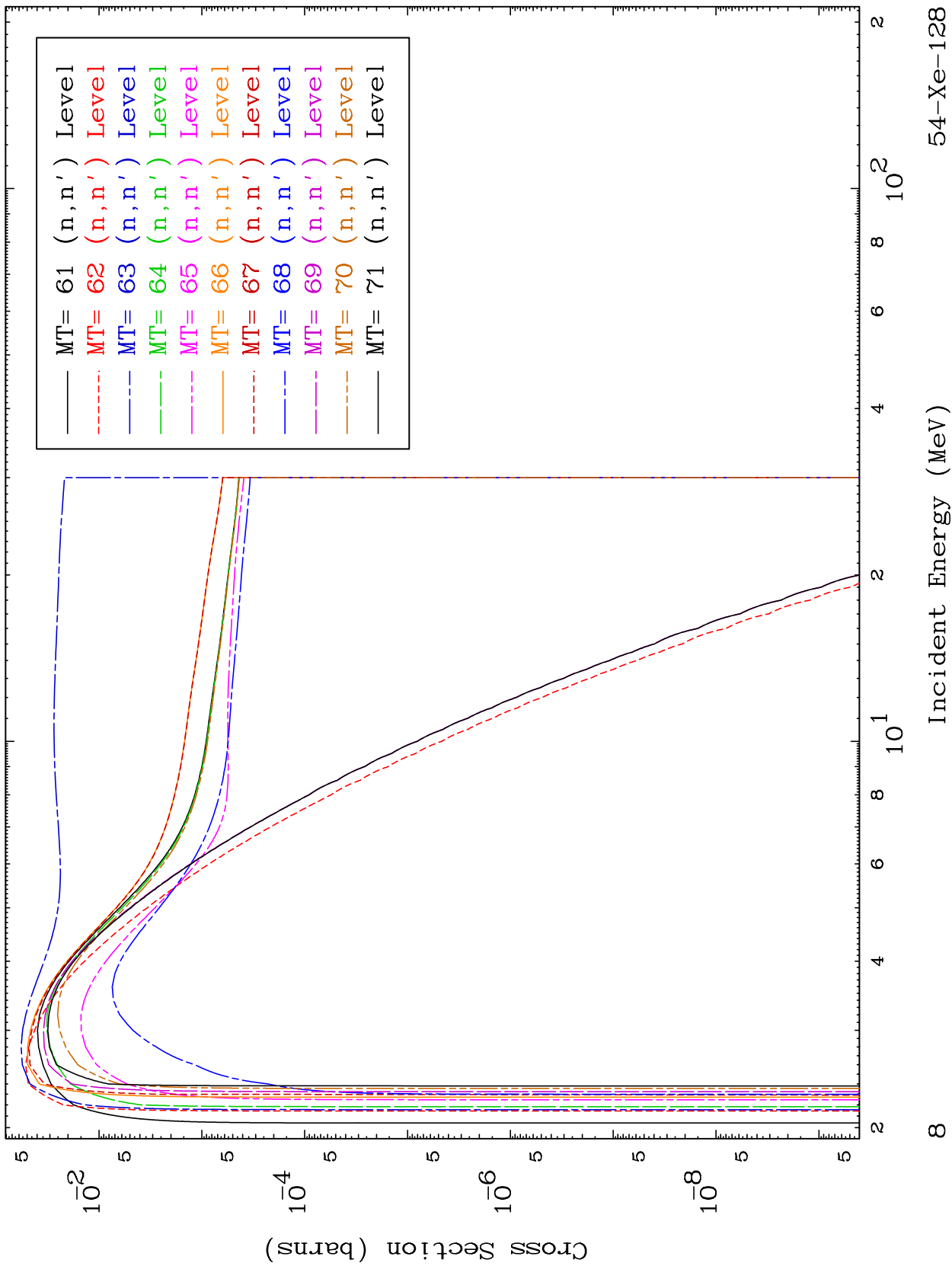


MAT 5437

(n,n') Level

54-Xe-128

293 Kelvin Cross Sections

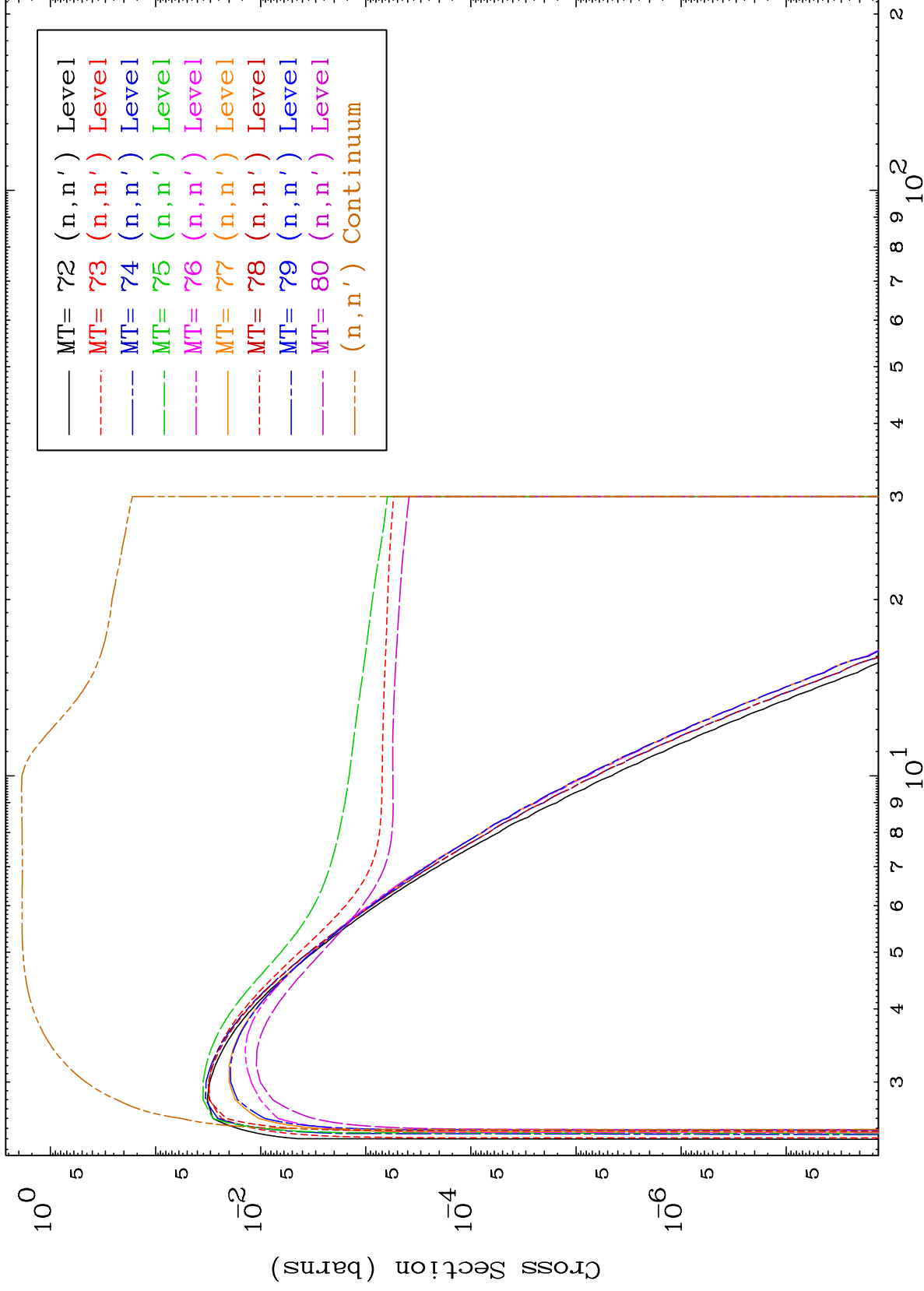


54-Xe-128

Incident Energy (MeV)

8

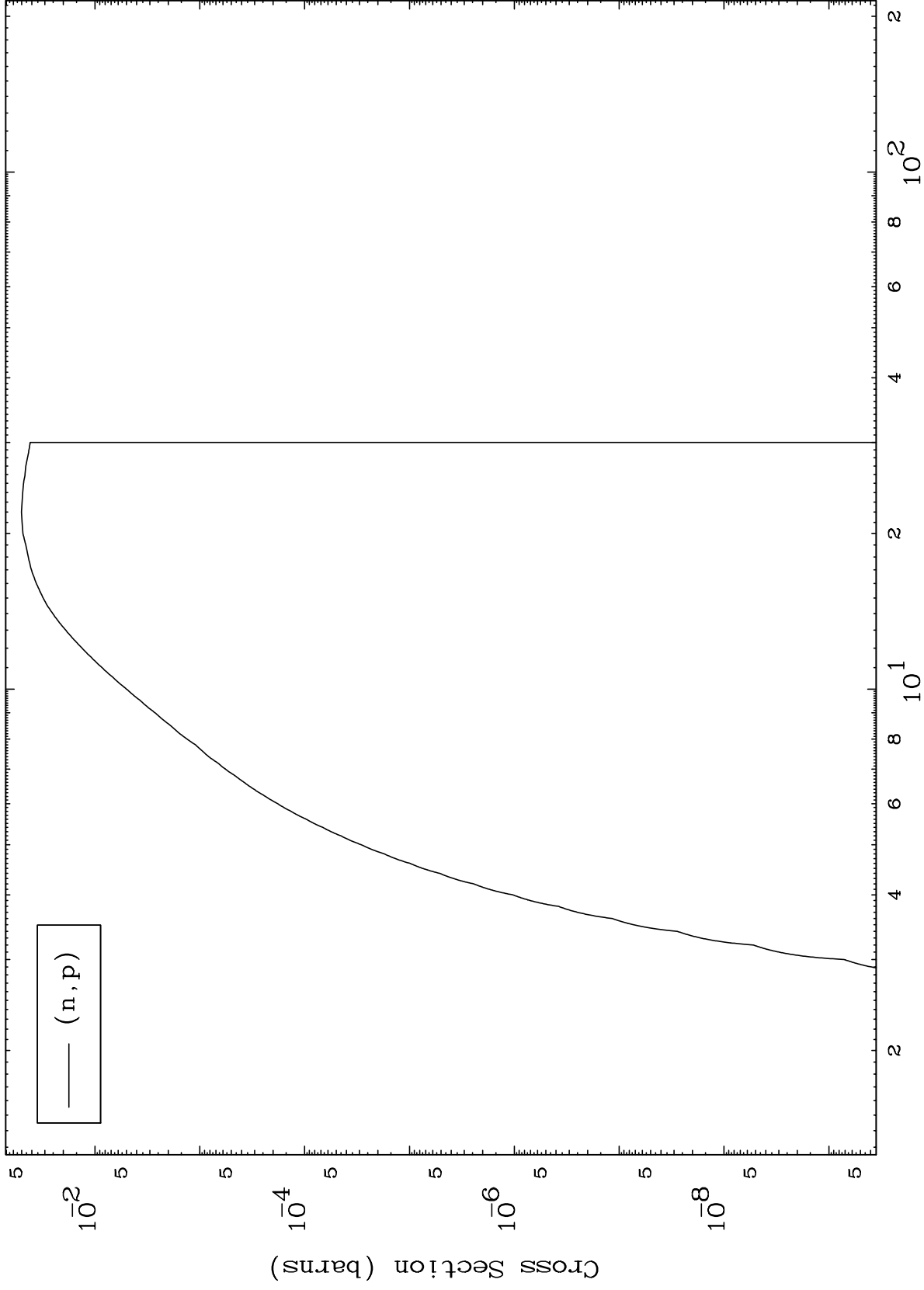
293 Kelvin Cross Sections



MAT 5437

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-128



10

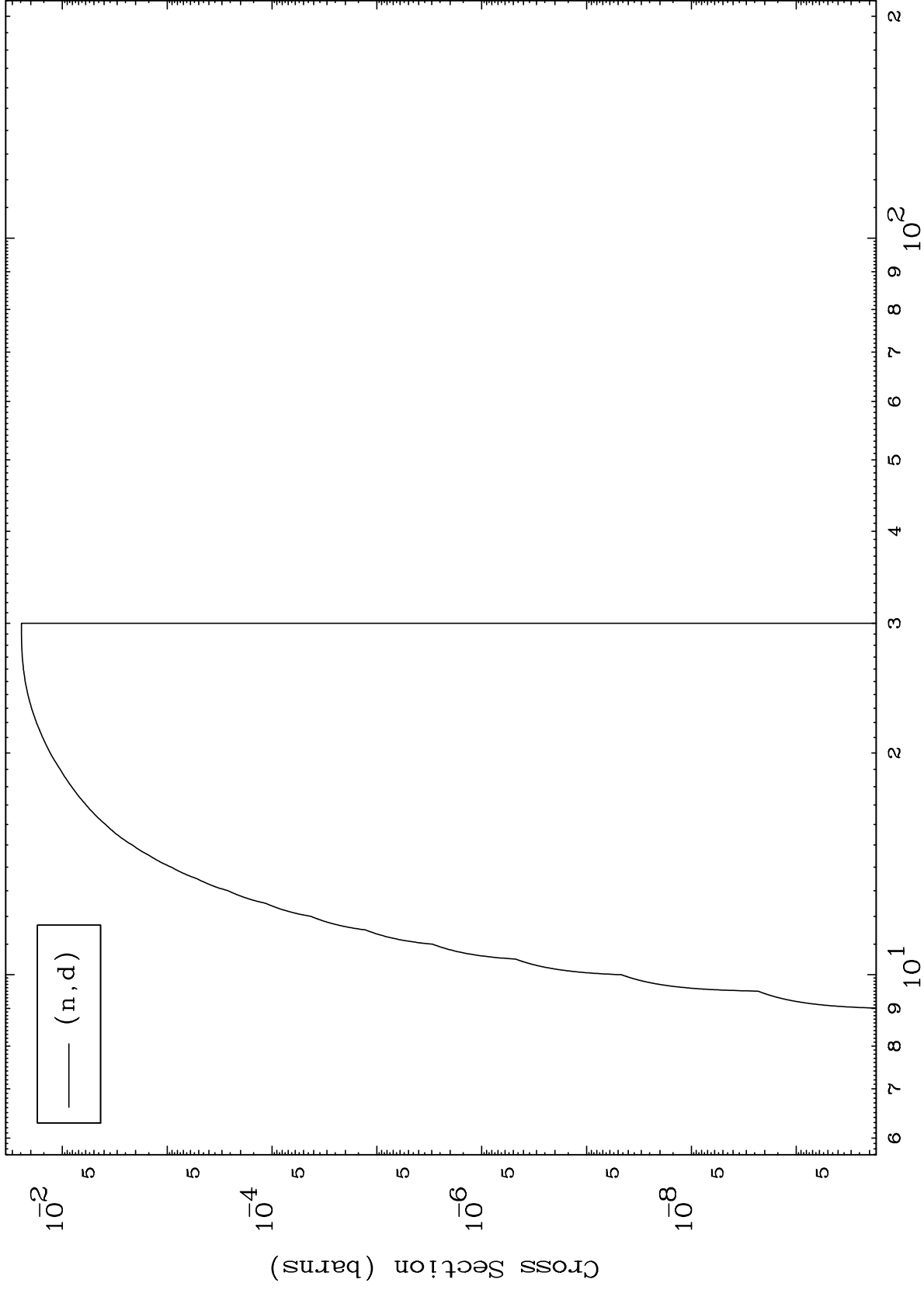
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-128



11

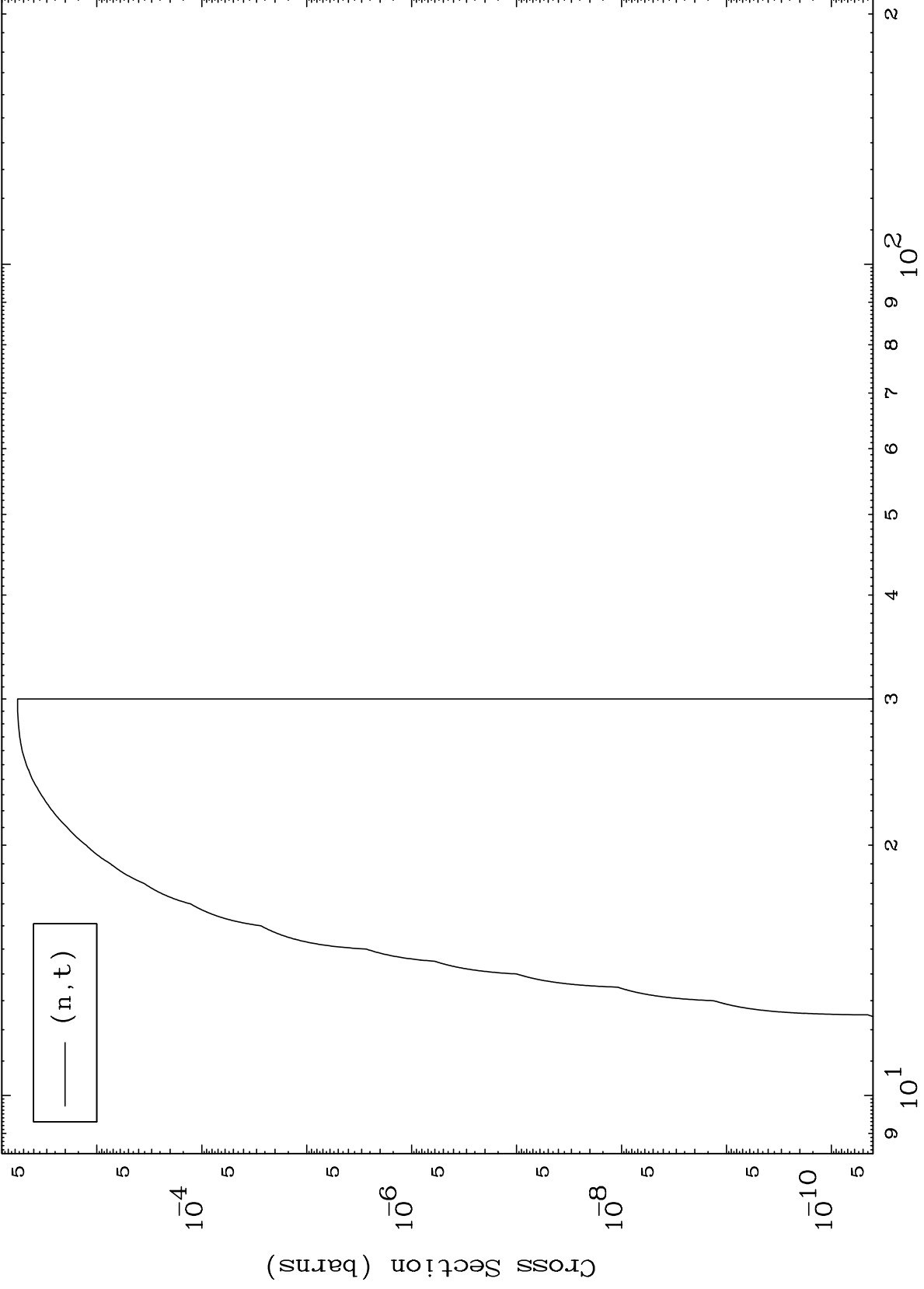
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-128



12

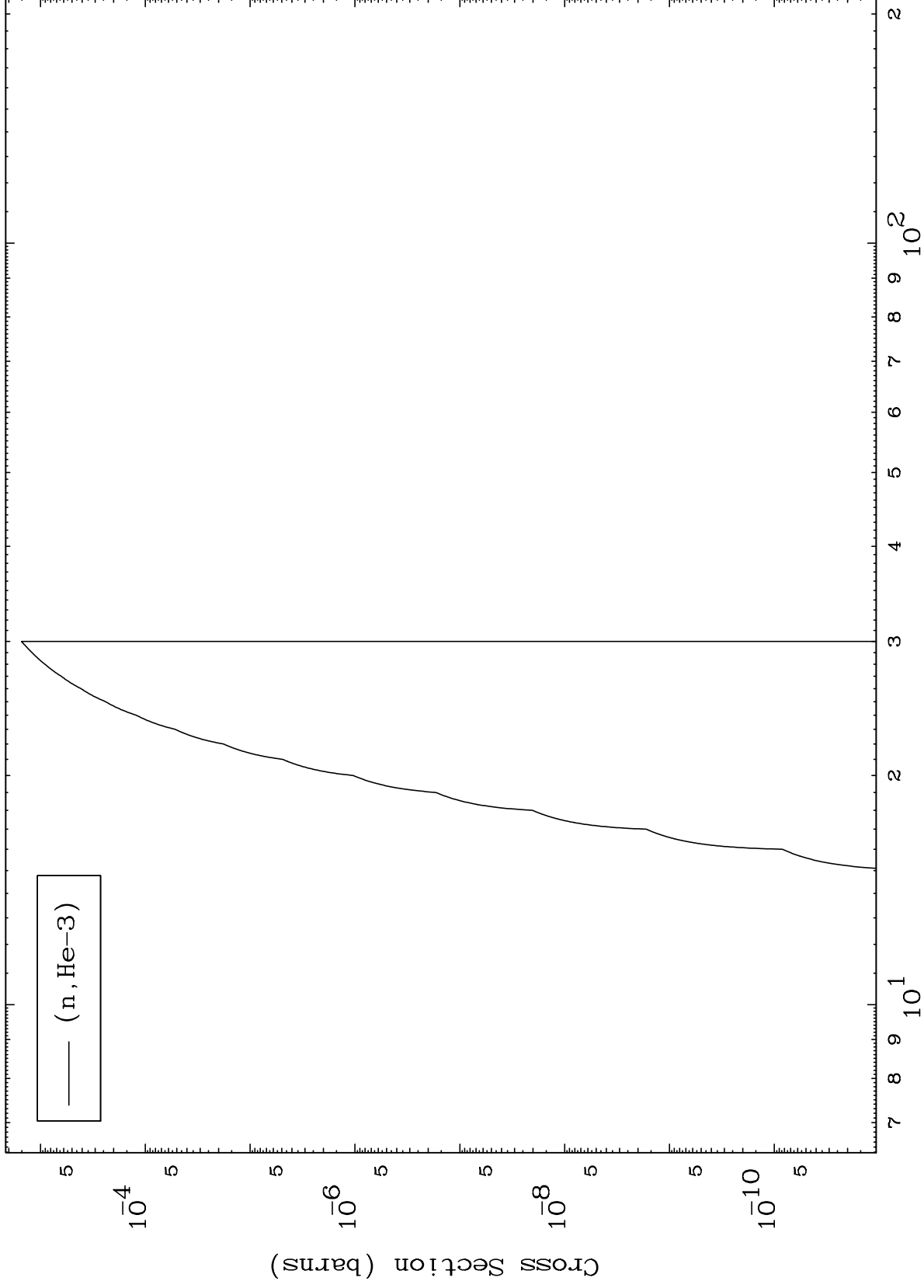
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-128



13

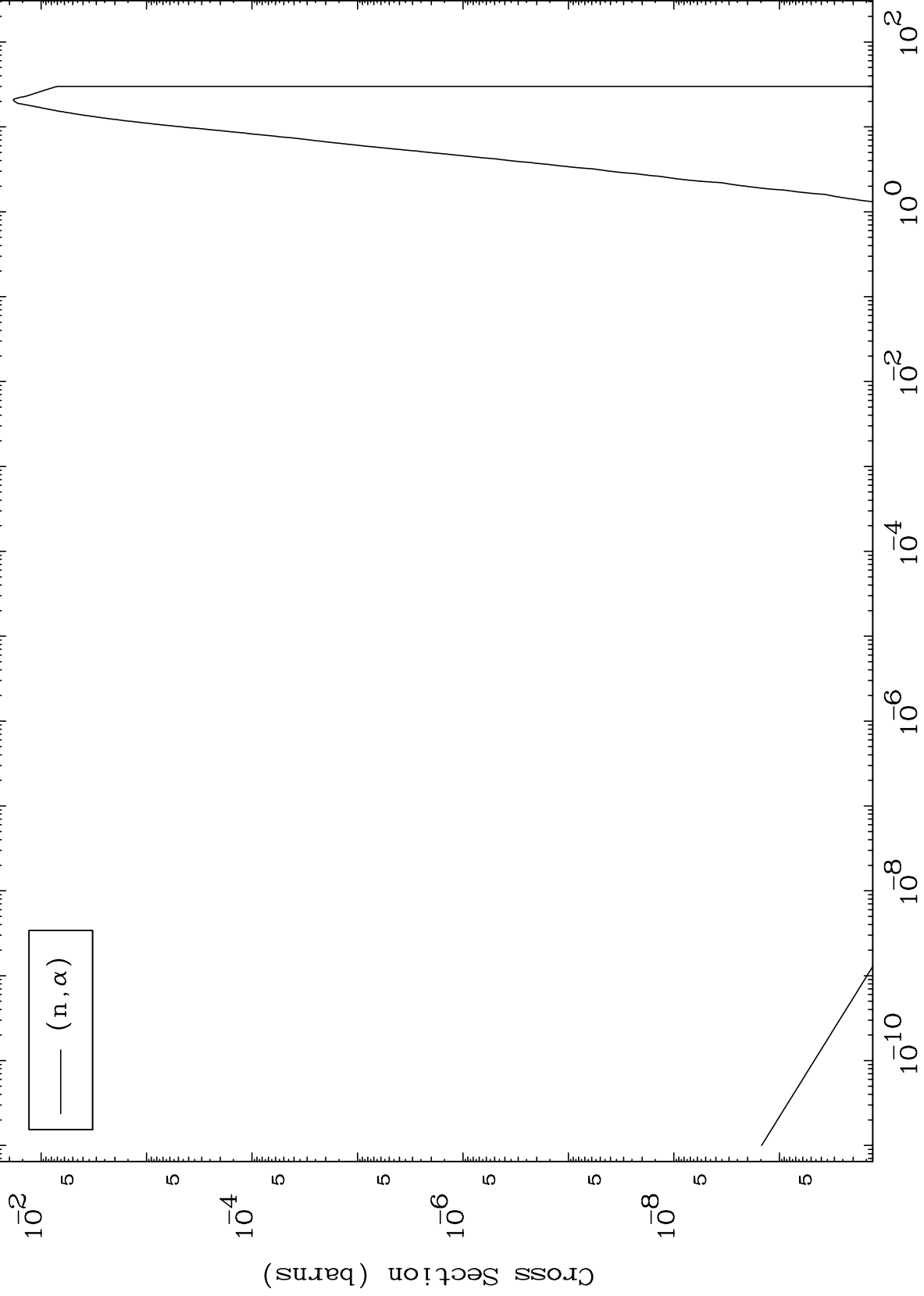
Incident Energy (MeV)

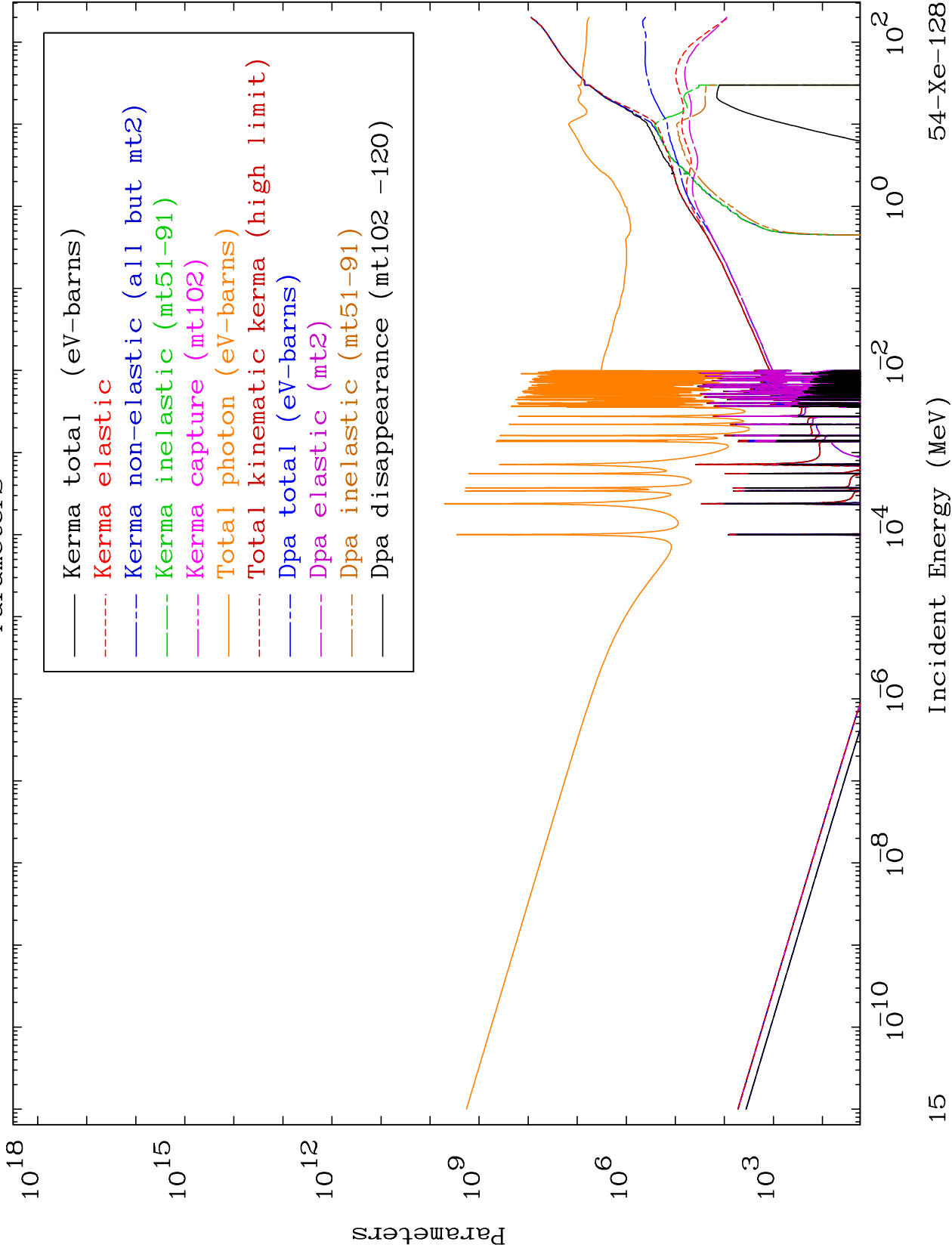
54-Xe-128

MAT 5437

(n, α) Levels
293 Kelvin Cross Sections

54-Xe-128

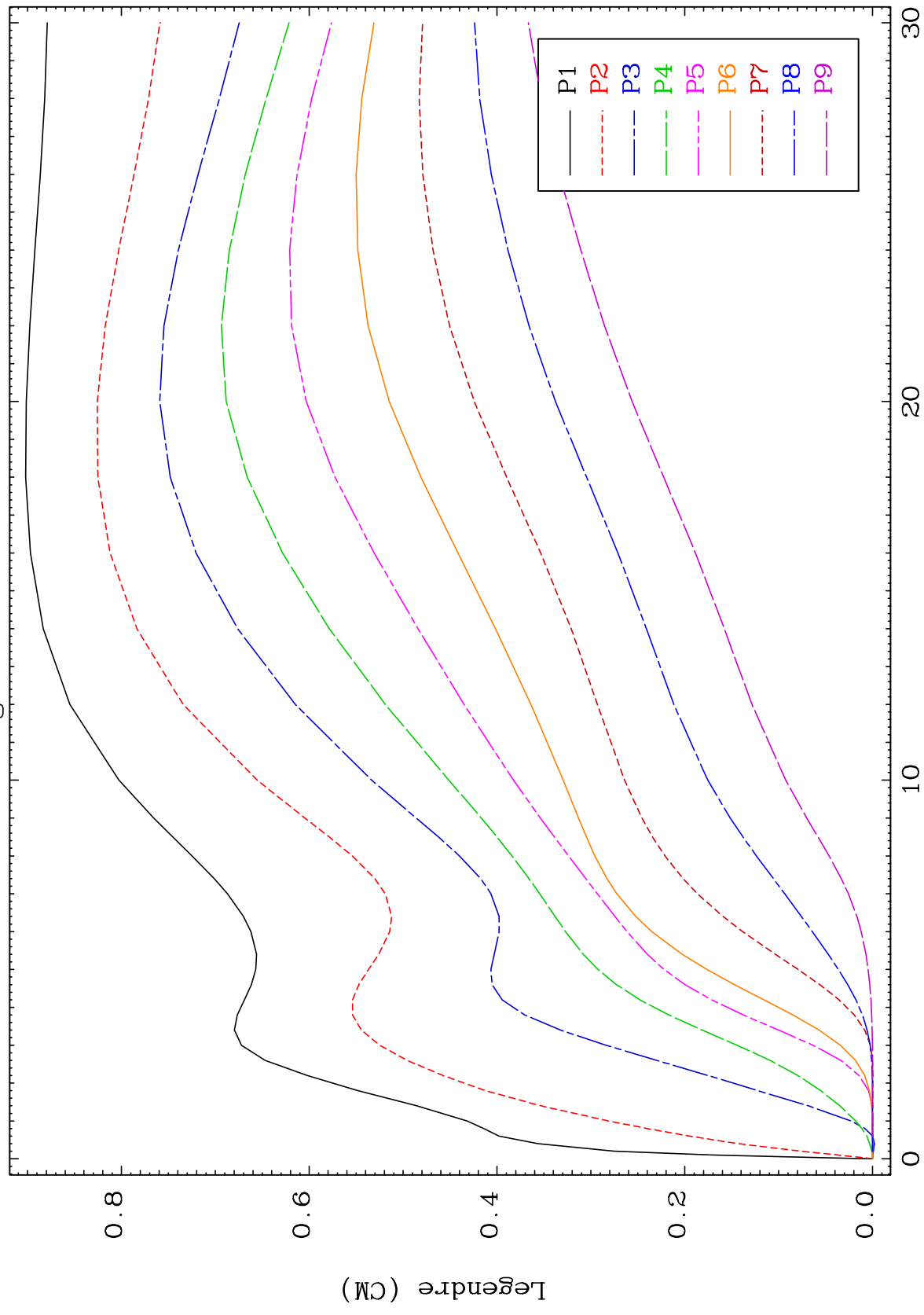




MAT 5437

54-Xe-128

Elastic Legendre Coefficients



16

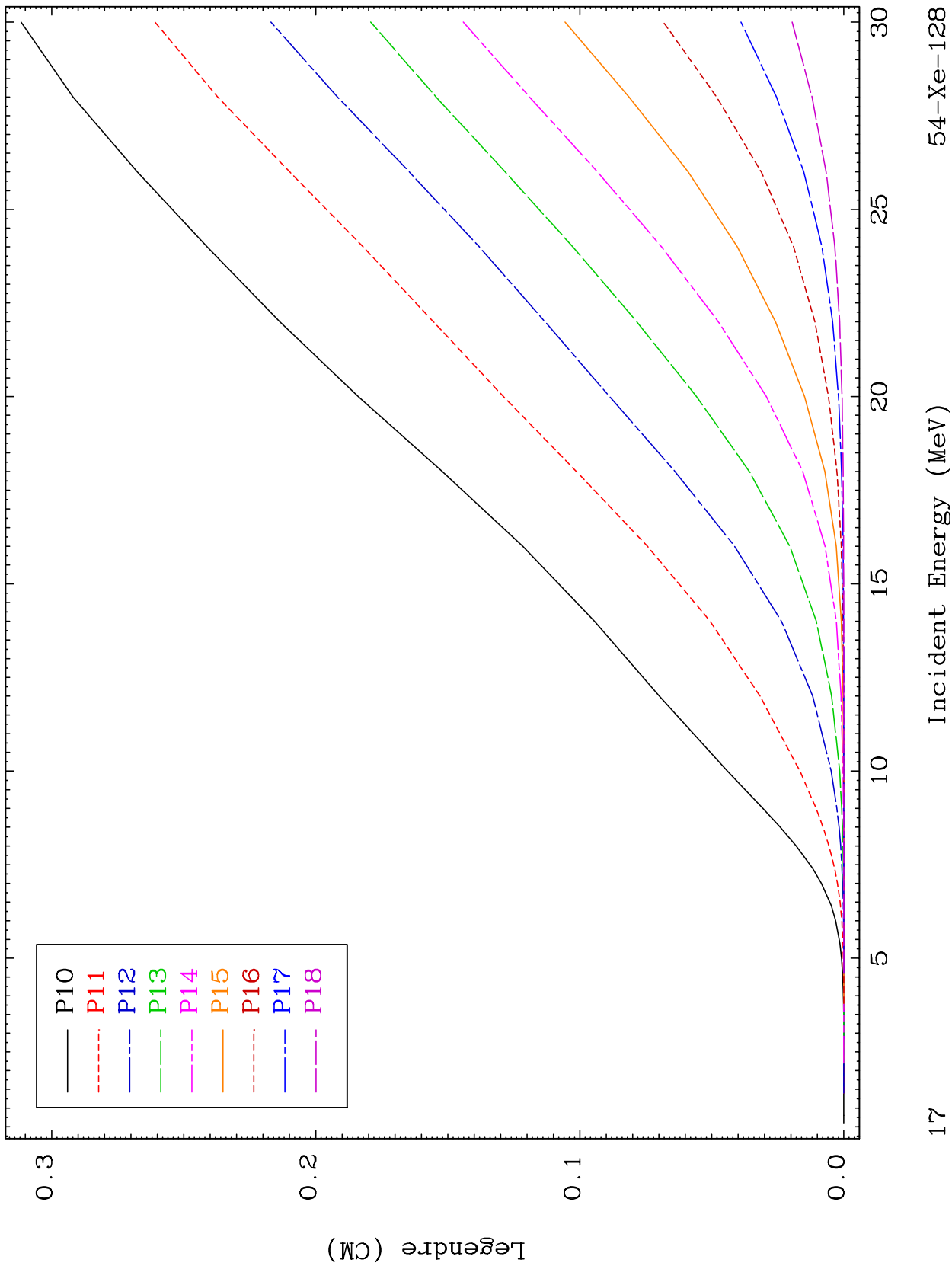
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic Legendre Coefficients

54-Xe-128

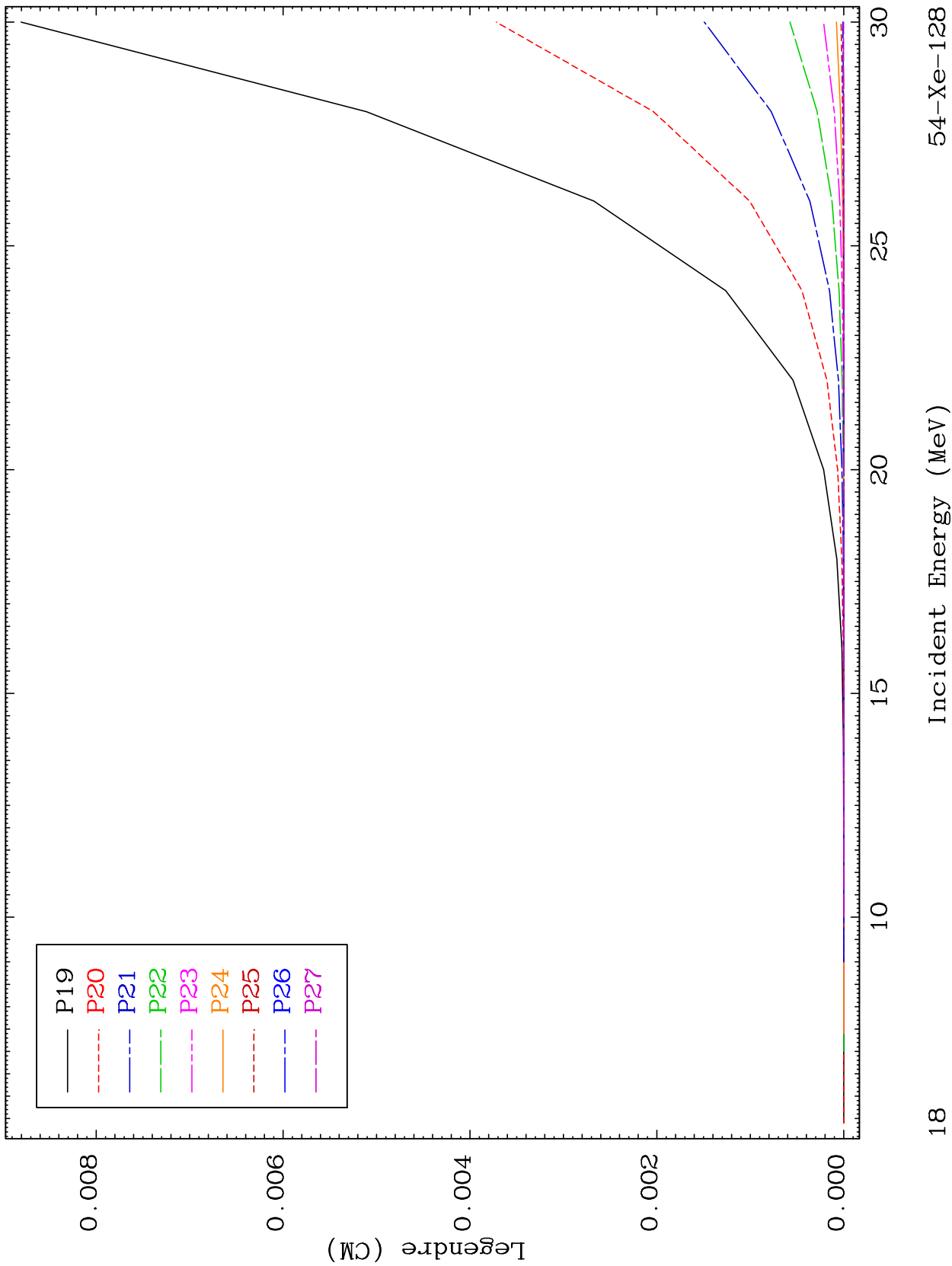


17

MAT 5437

Elastic Legendre Coefficients

54-Xe-128



18

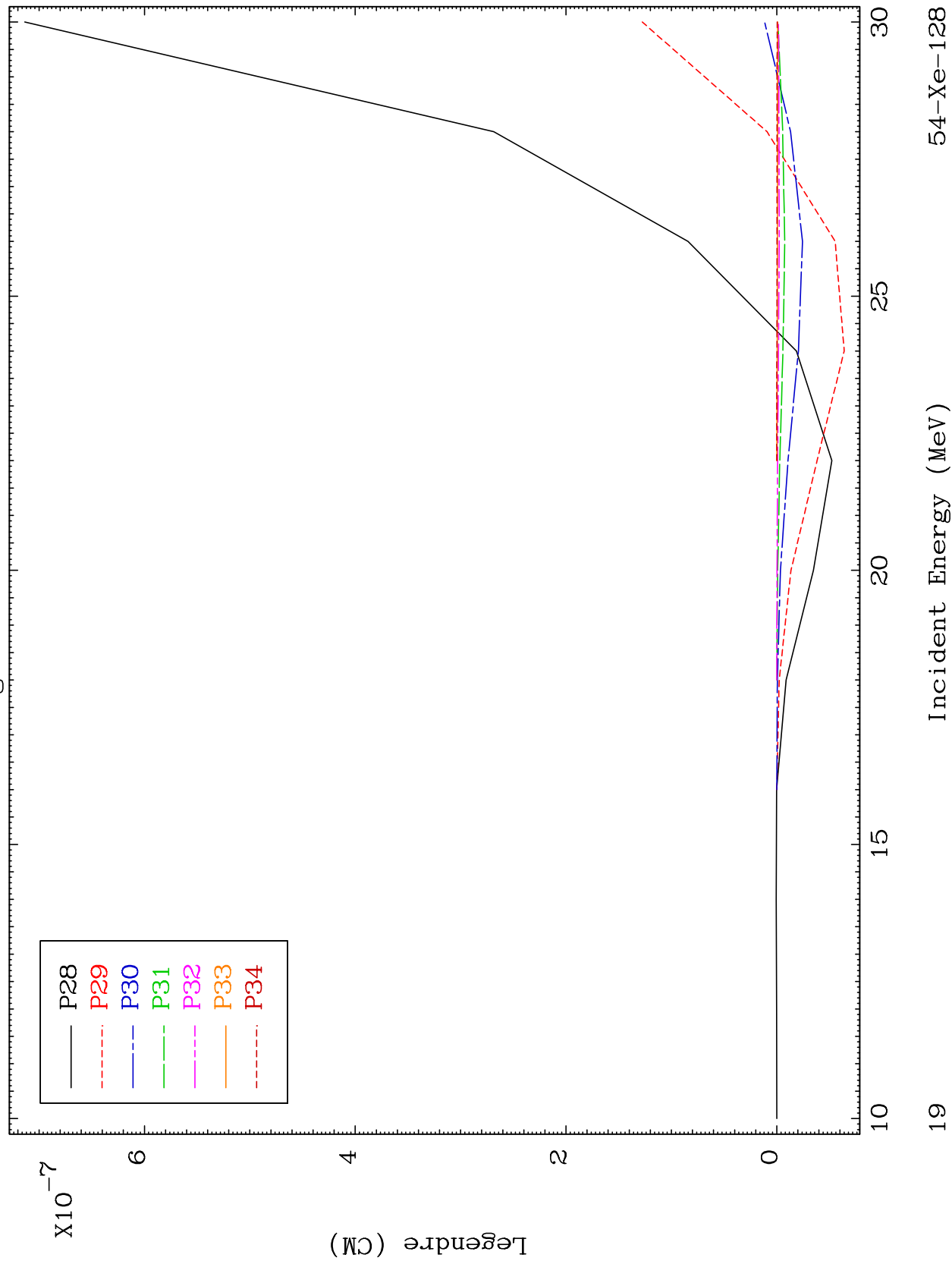
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic Legendre Coefficients

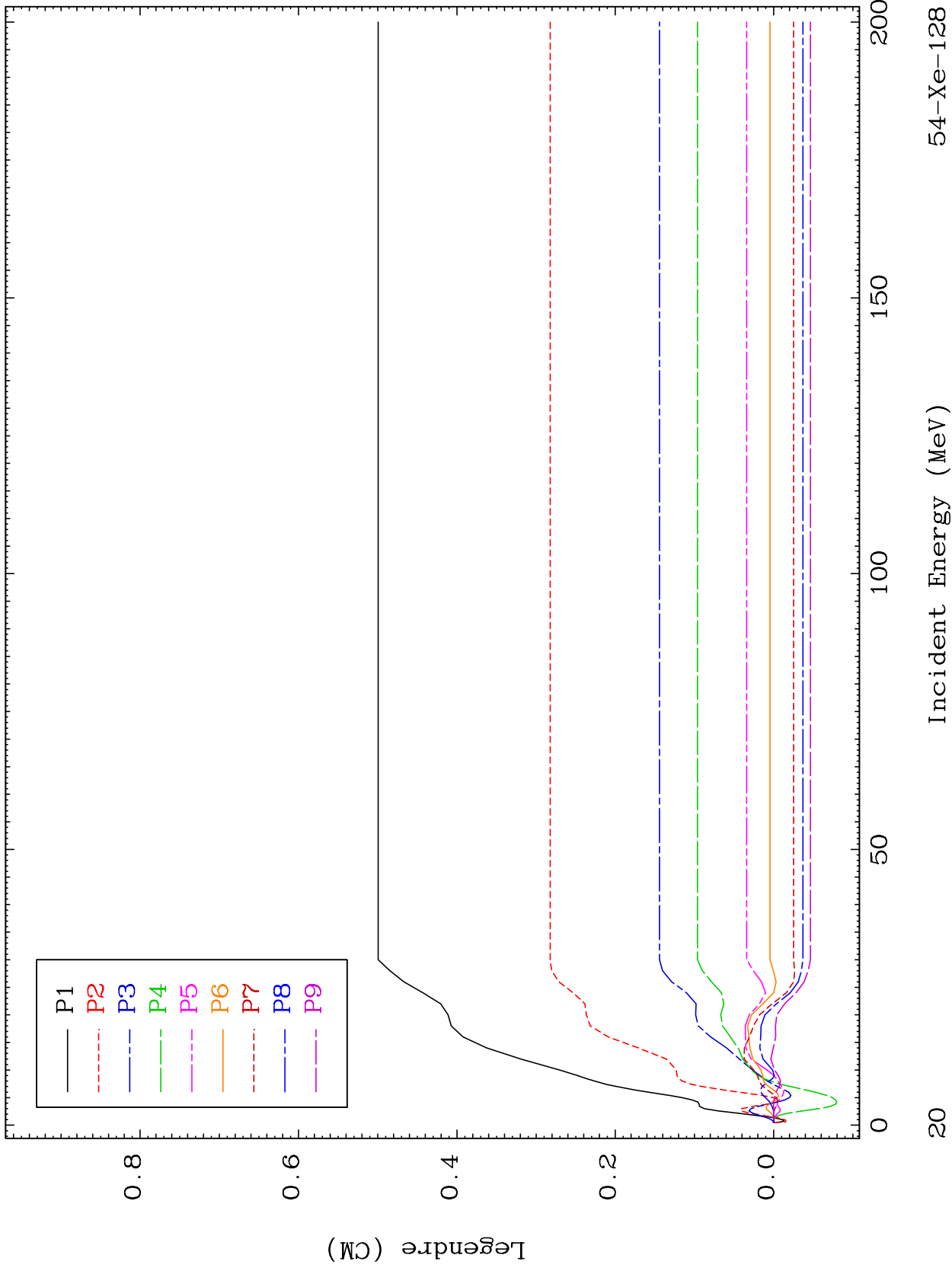
54-Xe-128



MAT 5437

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

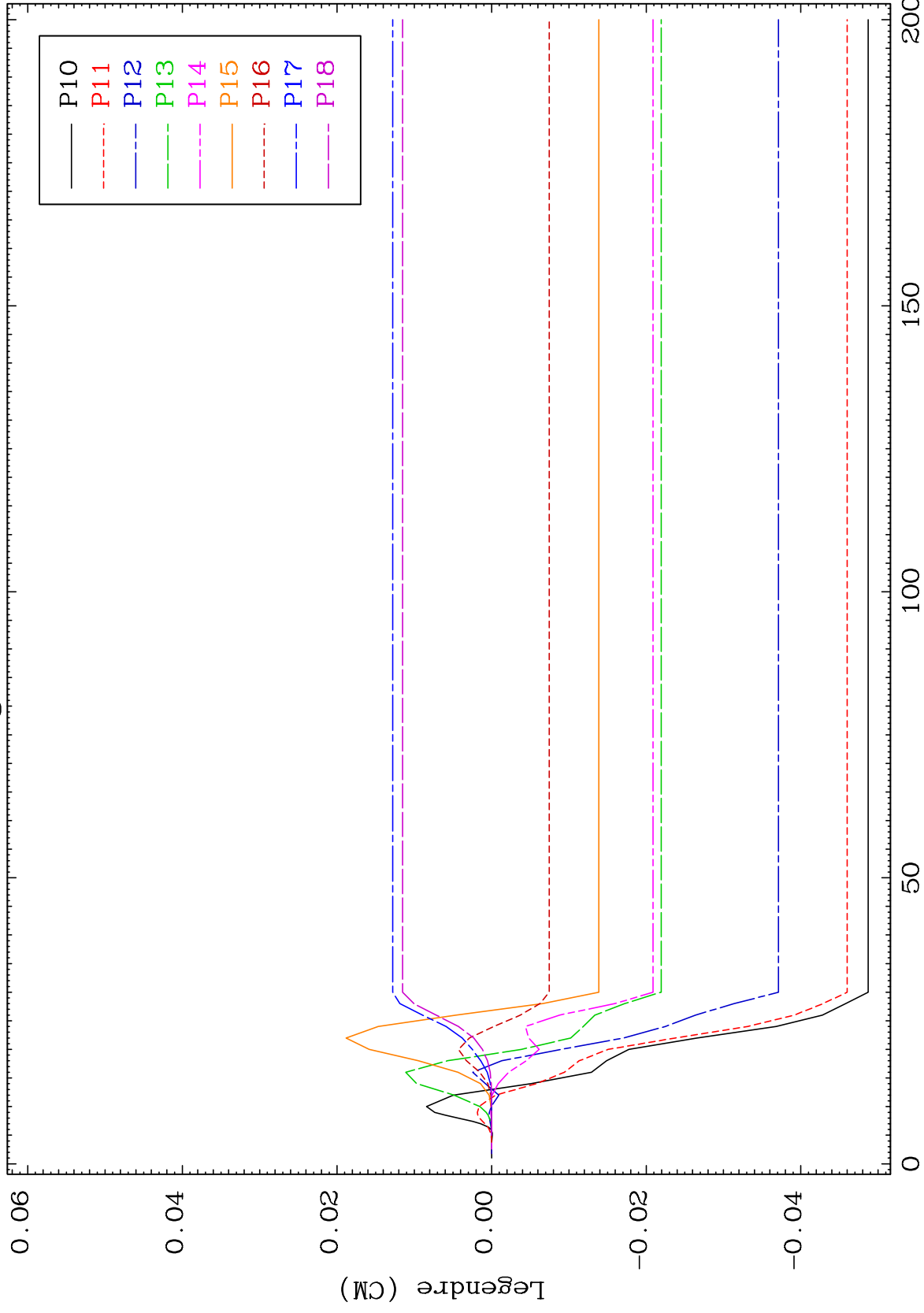
54-Xe-128



MAT 5437

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

54-Xe-128



21

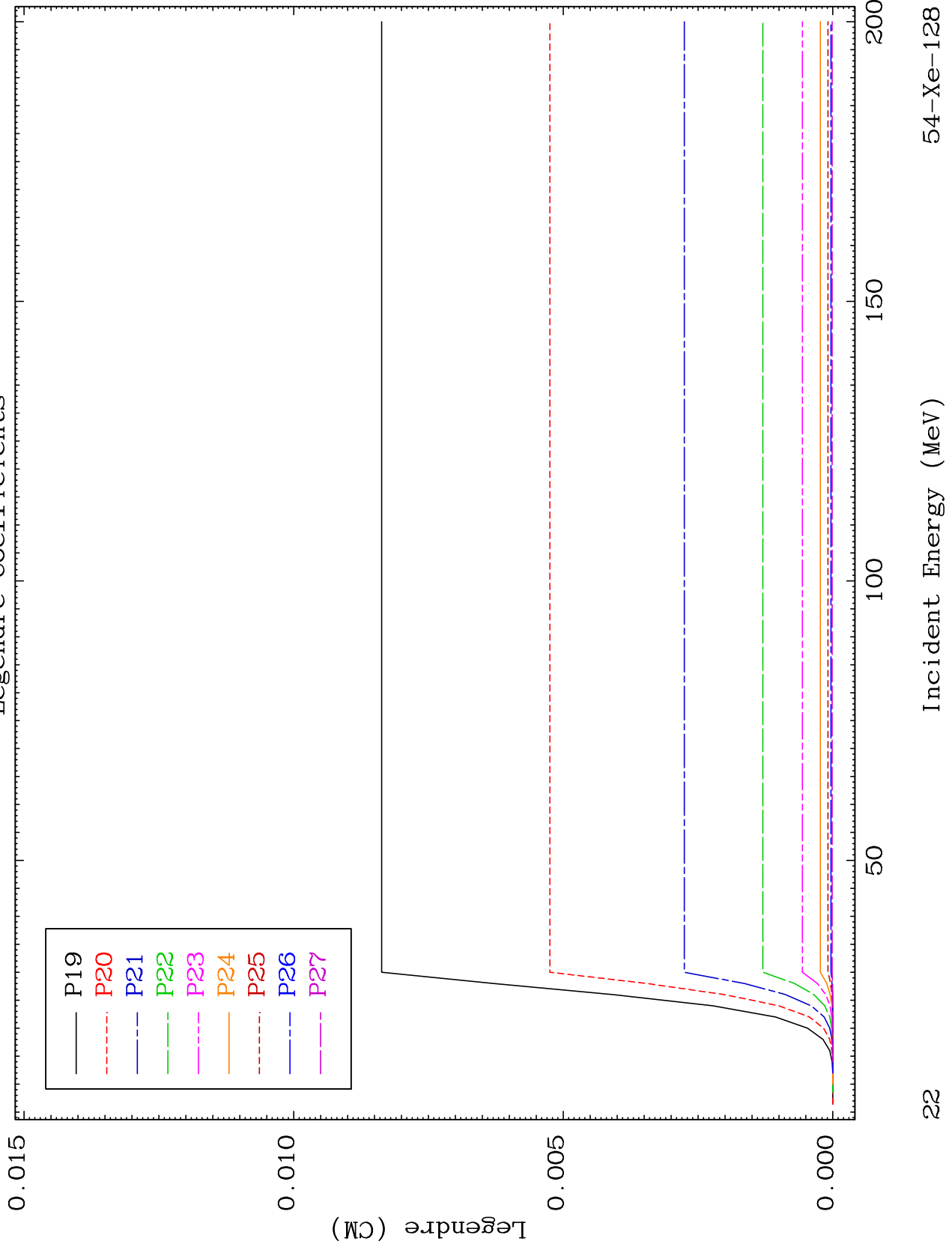
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

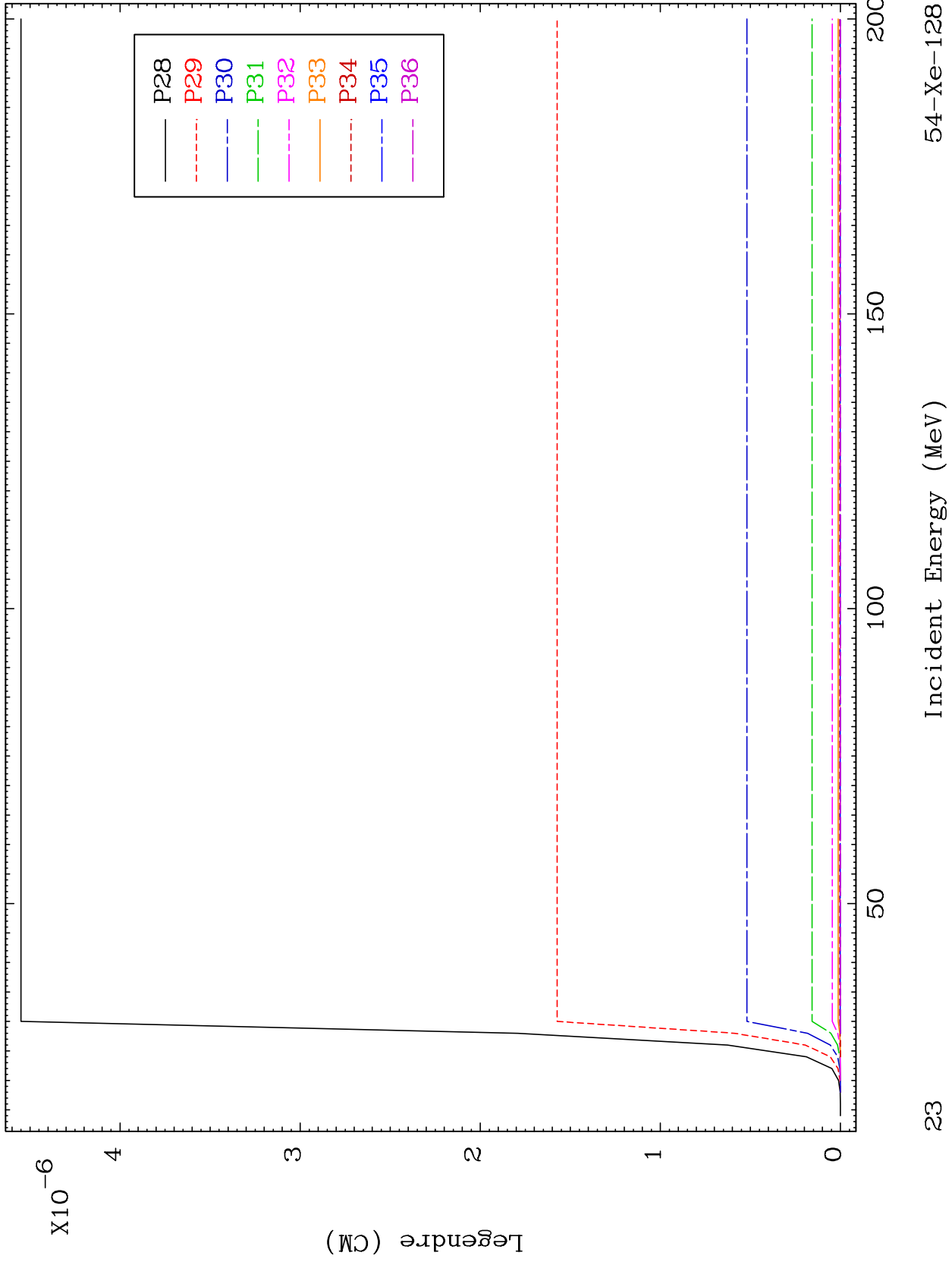
54-Xe-128



MAT 5437

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

54-Xe-128

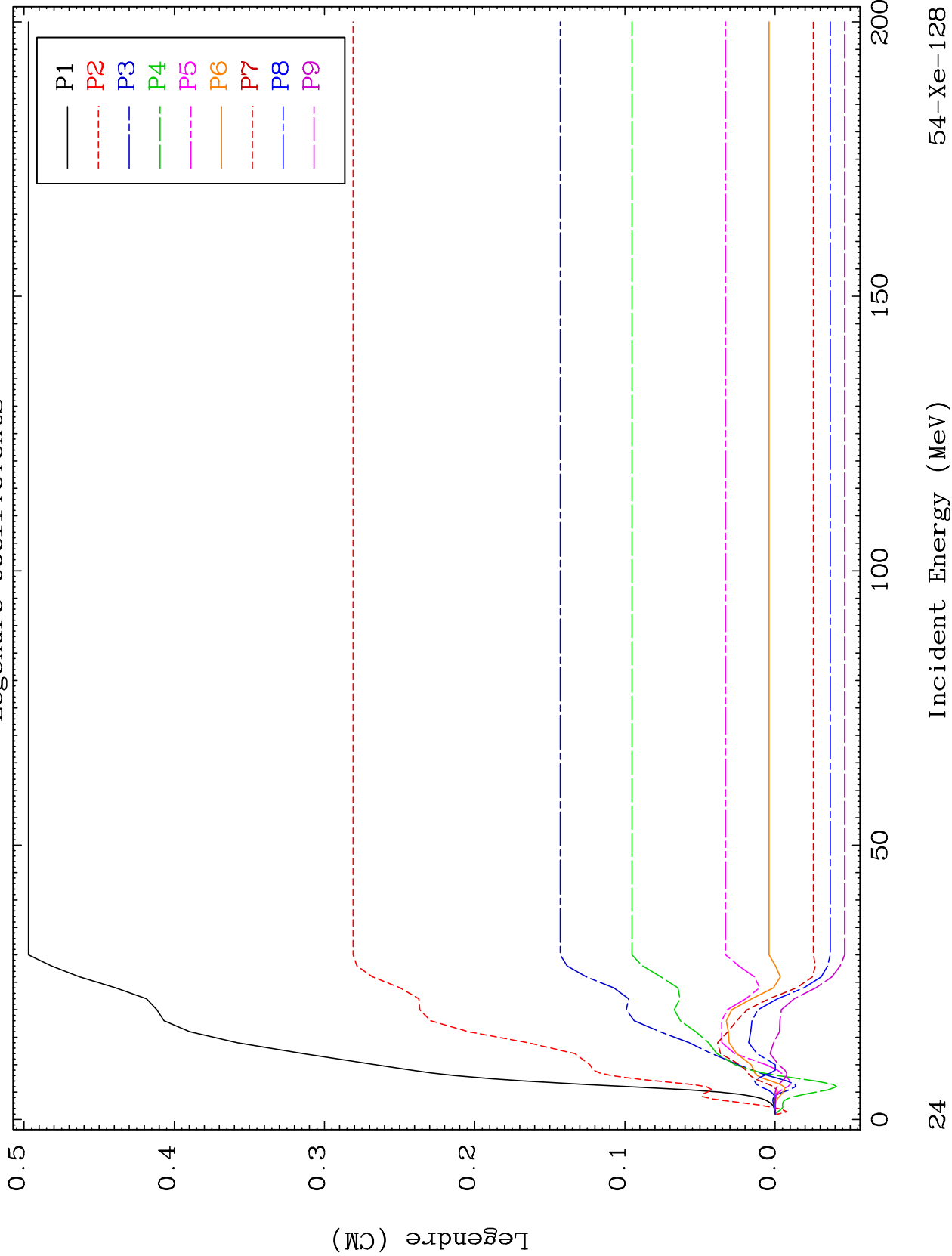


MAT 5437

MT= 52 (n,n') Level

54-Xe-128

Legendre Coefficients



24

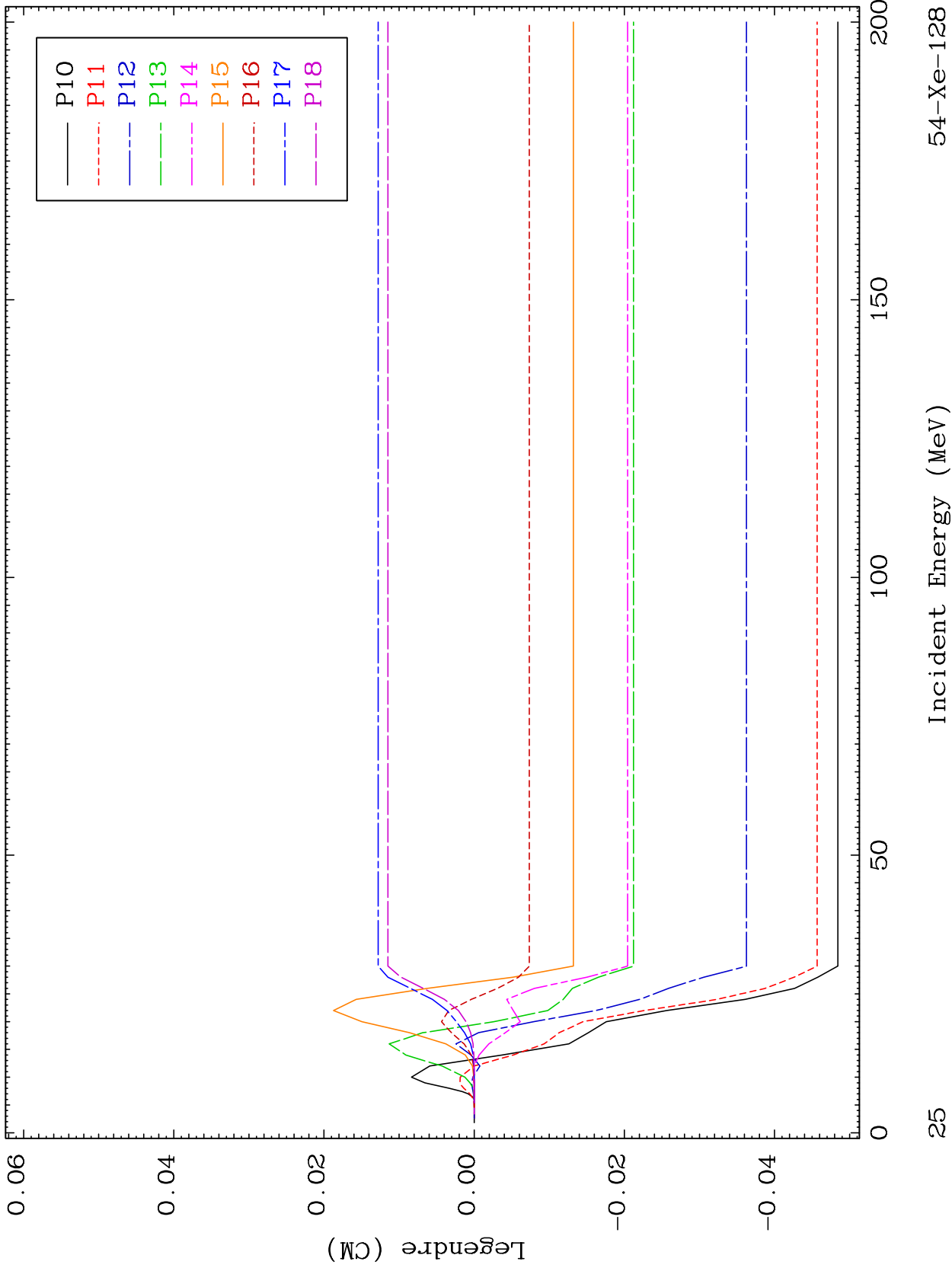
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

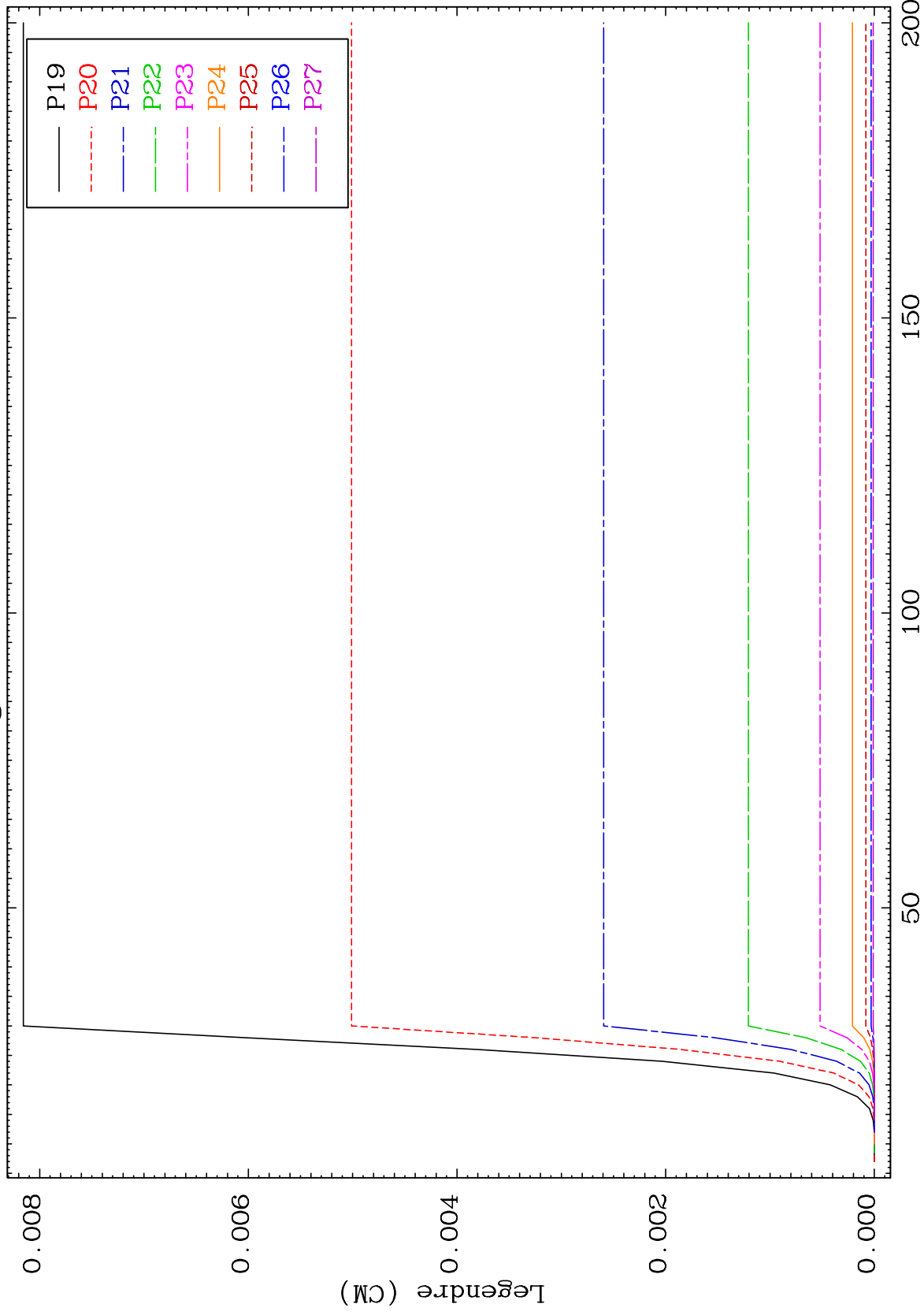
Incident Energy (MeV)

25

MAT 5437

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

54-Xe-128



26

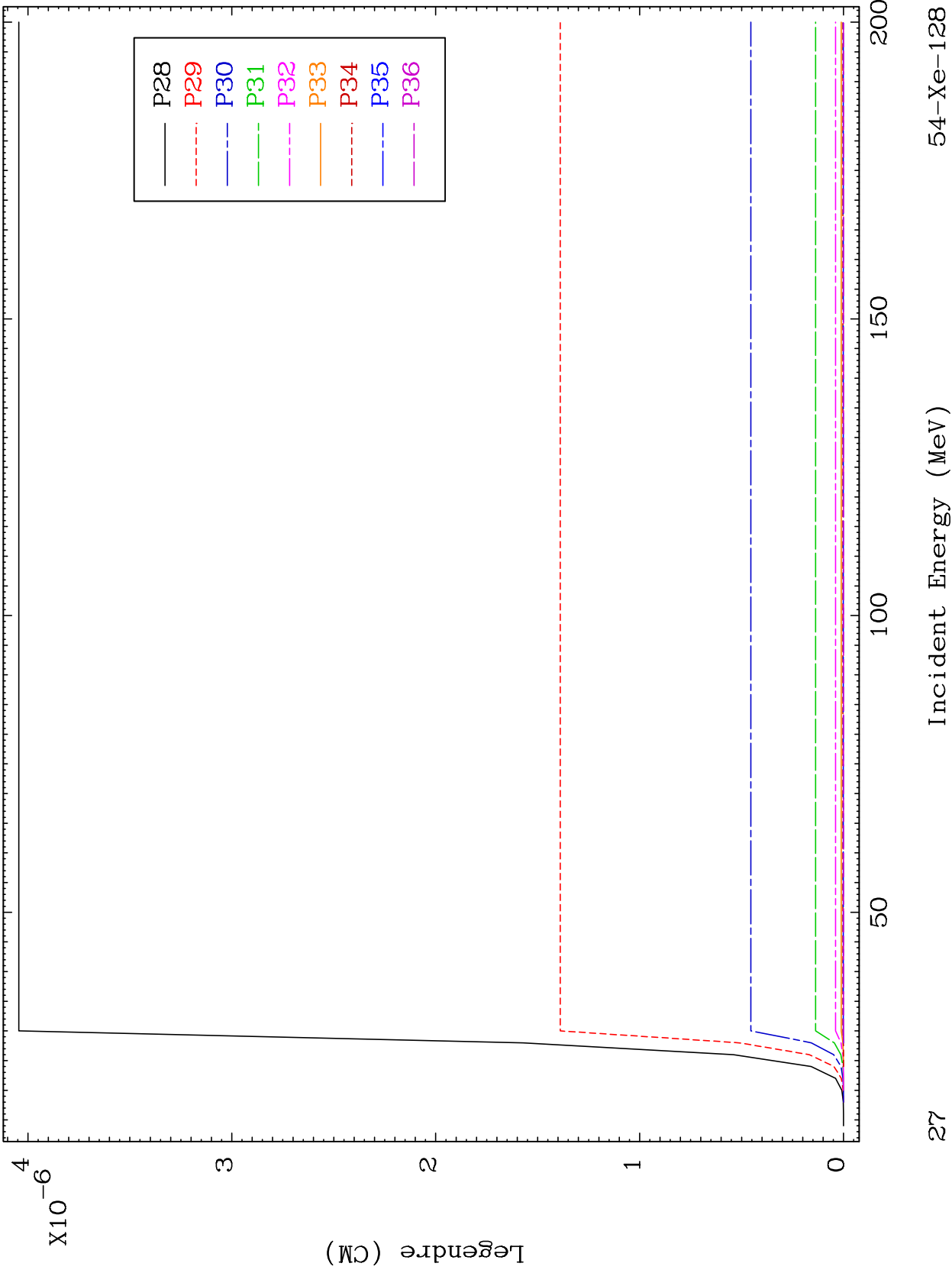
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

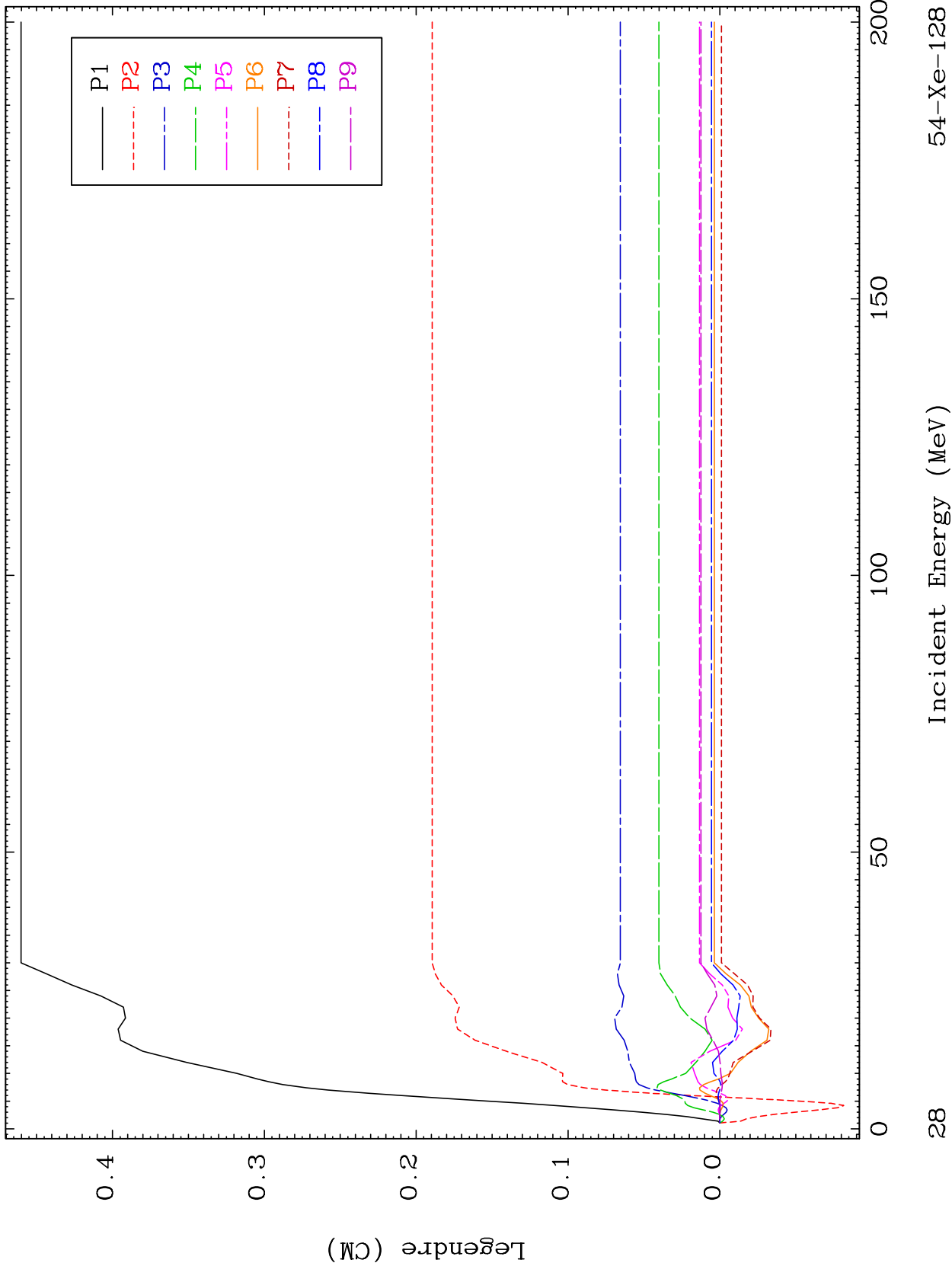
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

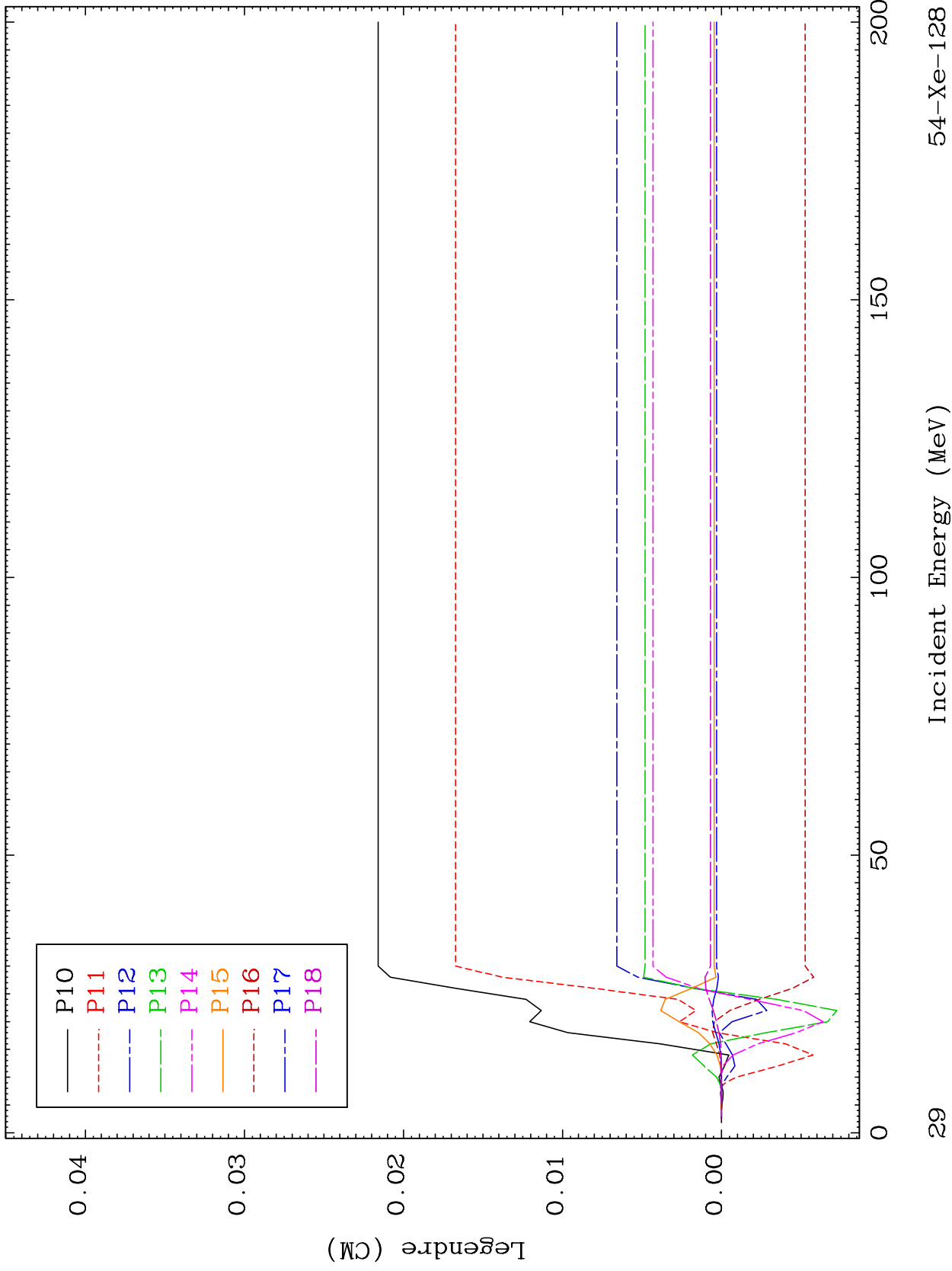
Incident Energy (MeV)

28

MAT 5437

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

54-Xe-128



29

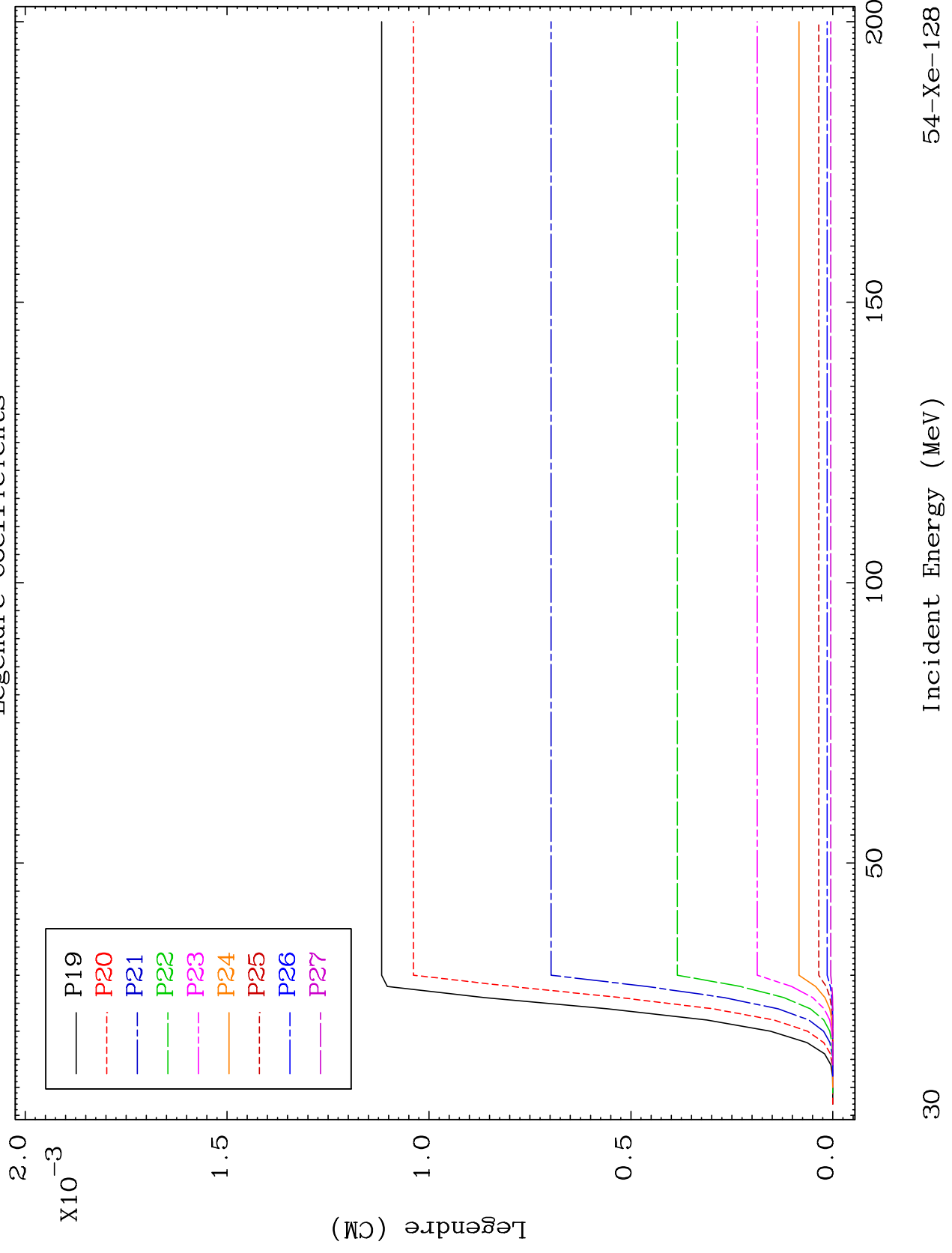
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

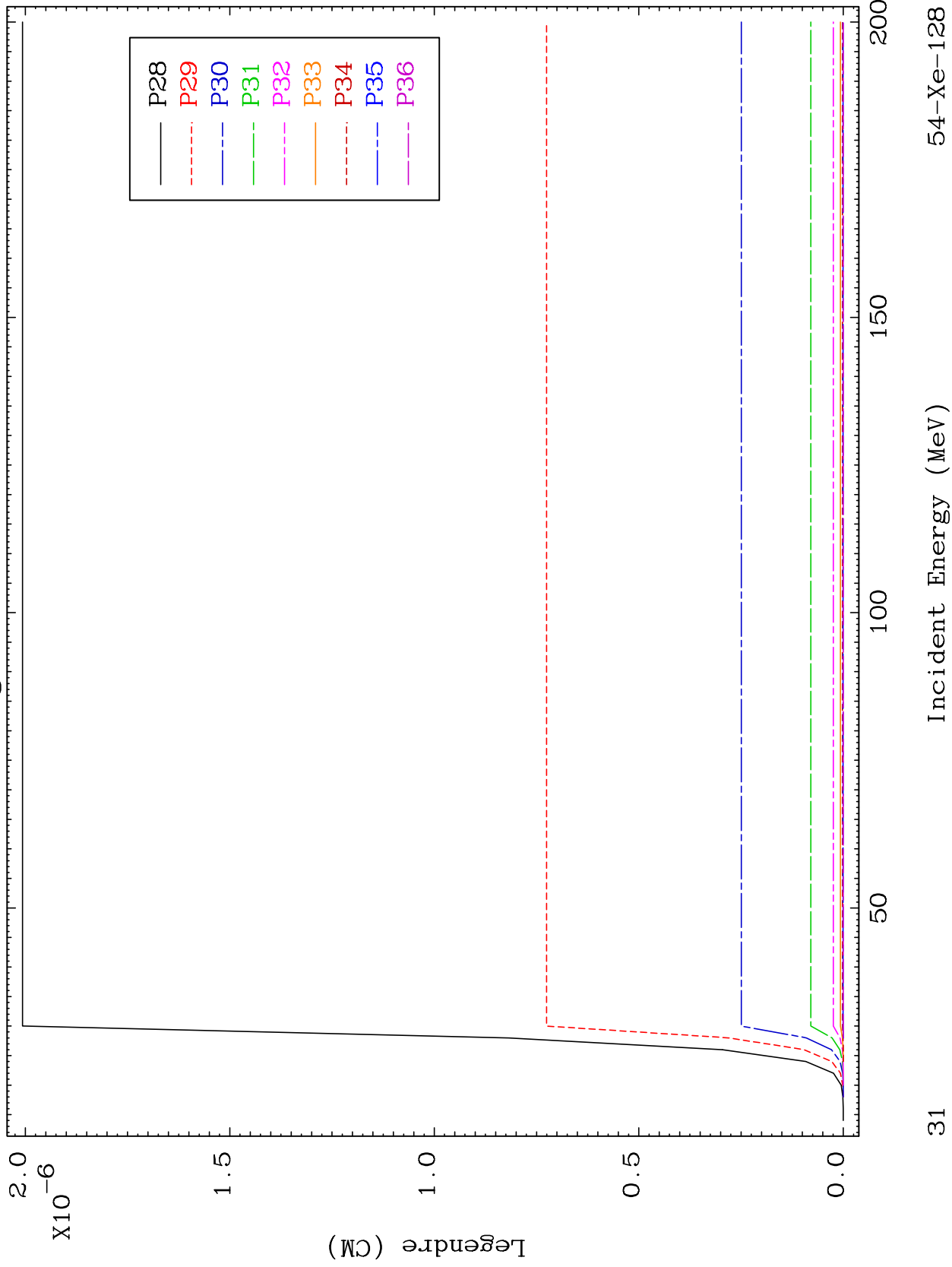
Incident Energy (MeV)

30

MAT 5437

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

54-Xe-128

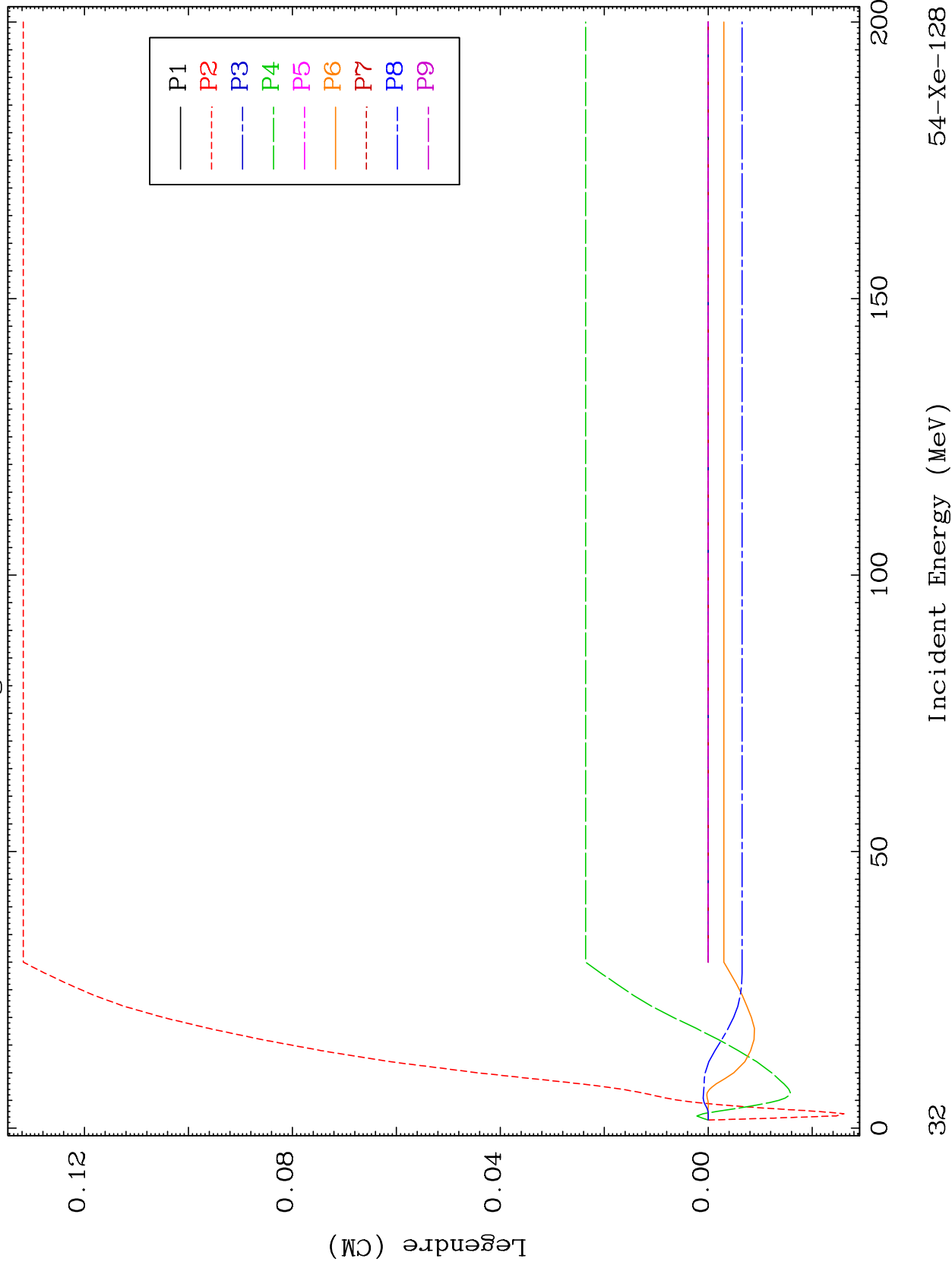


31

MAT 5437

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

54-Xe-128



54-Xe-128

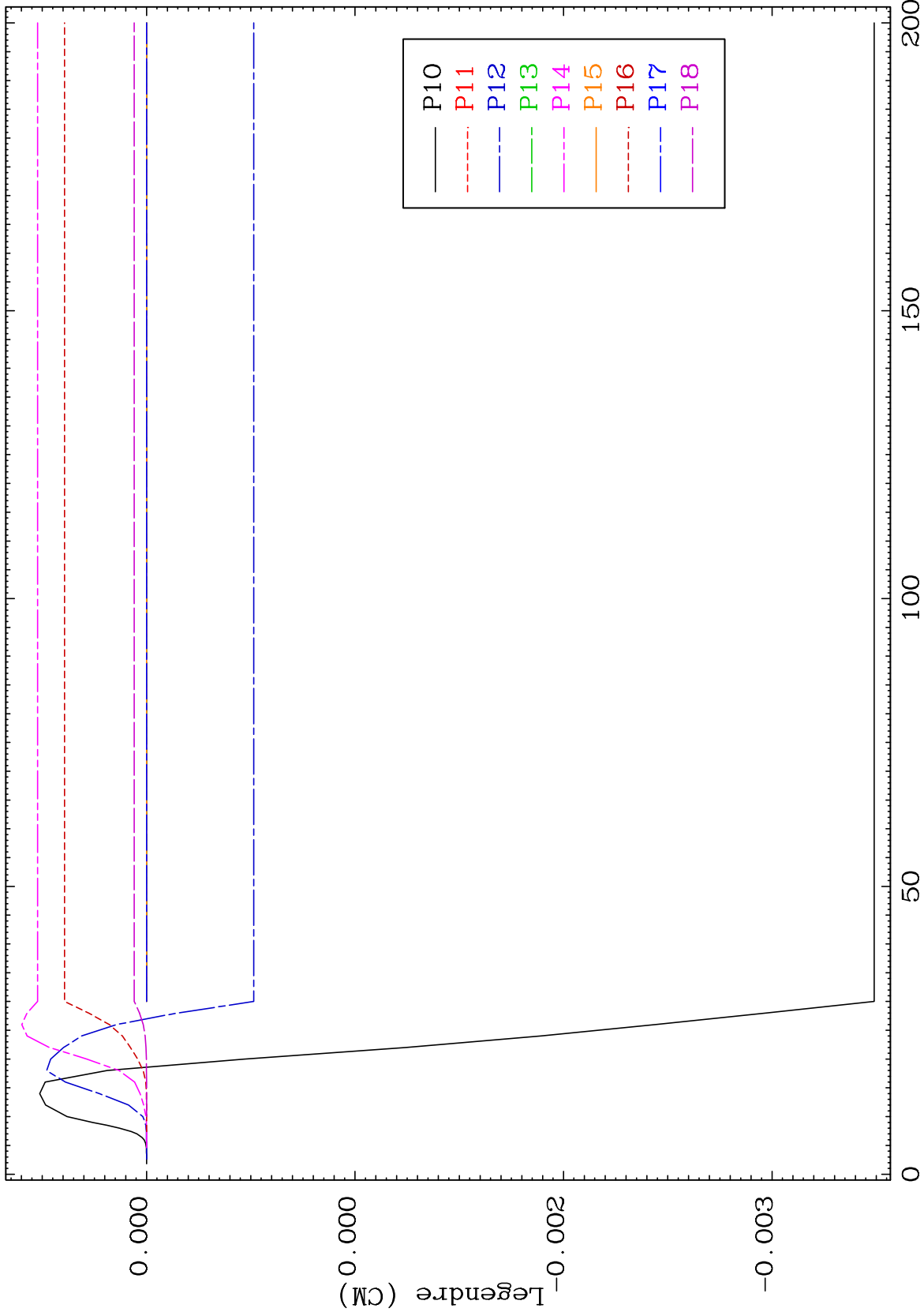
Incident Energy (MeV)

32

MAT 5437

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

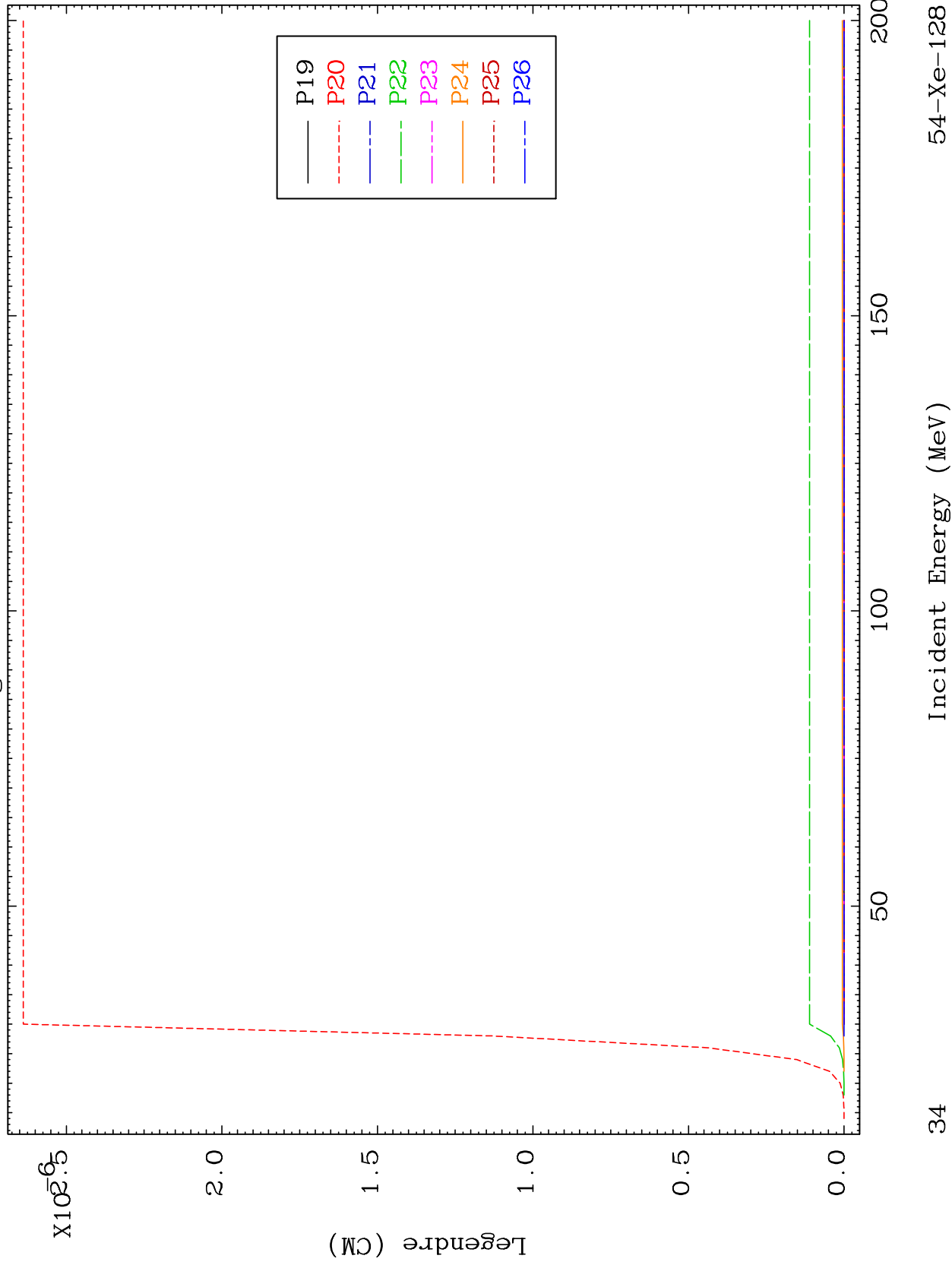
54-Xe-128



MAT 5437

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

54-Xe-128



34

Incident Energy (MeV)

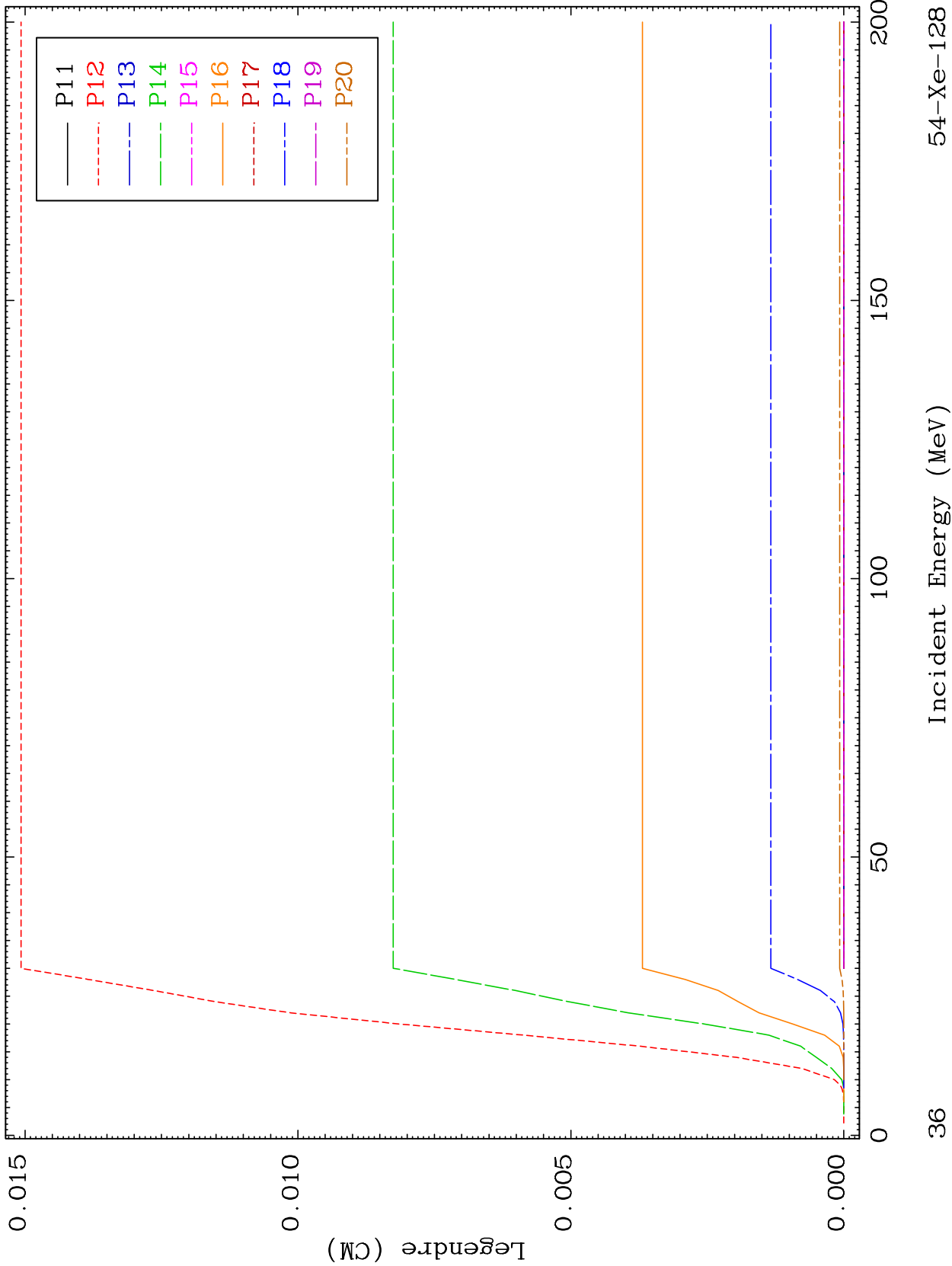
54-Xe-128

MAT 5437

MT= 55 (n,n') Level

54-Xe-128

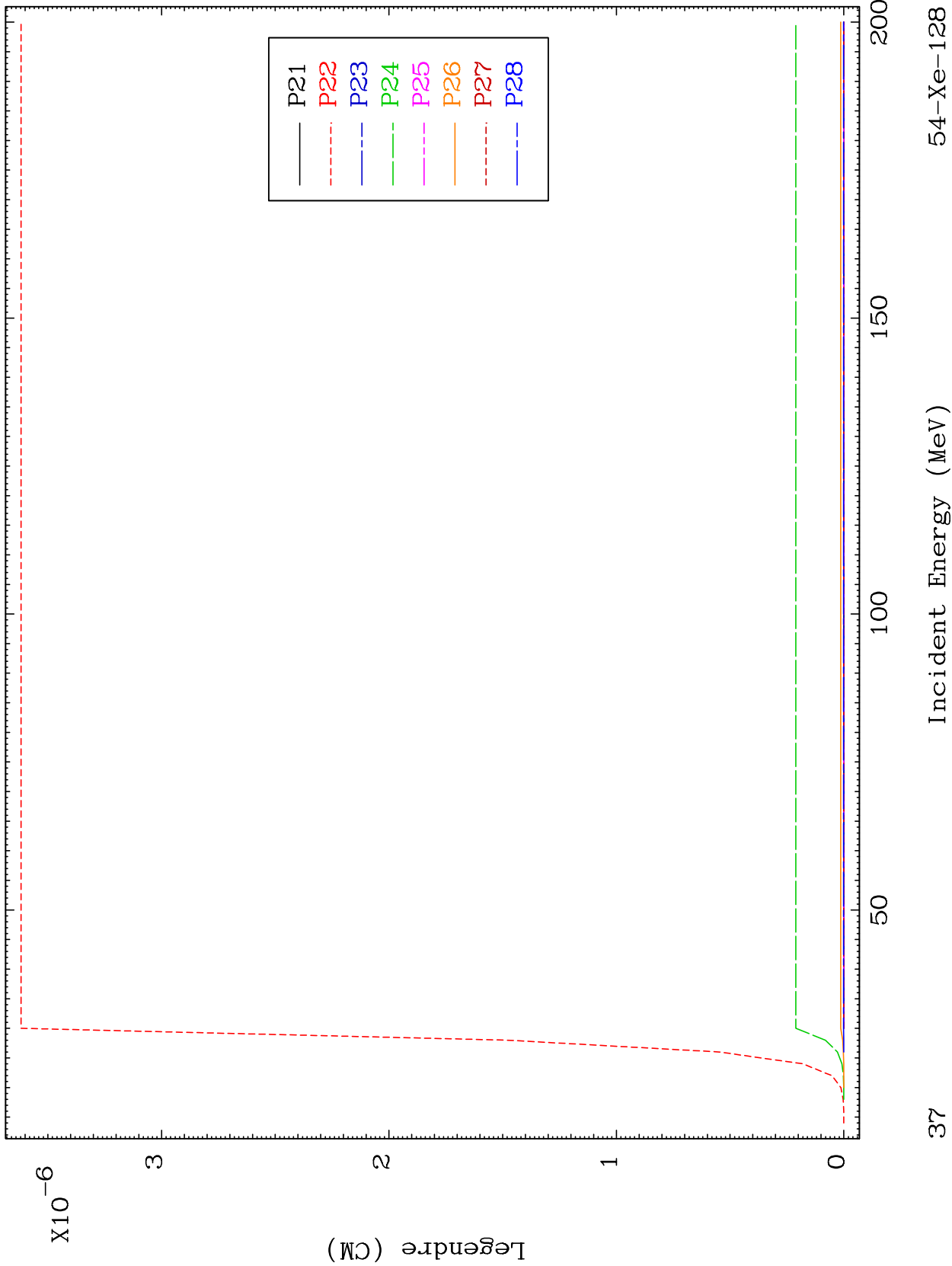
Legendre Coefficients



MAT 5437

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

54-Xe-128



37

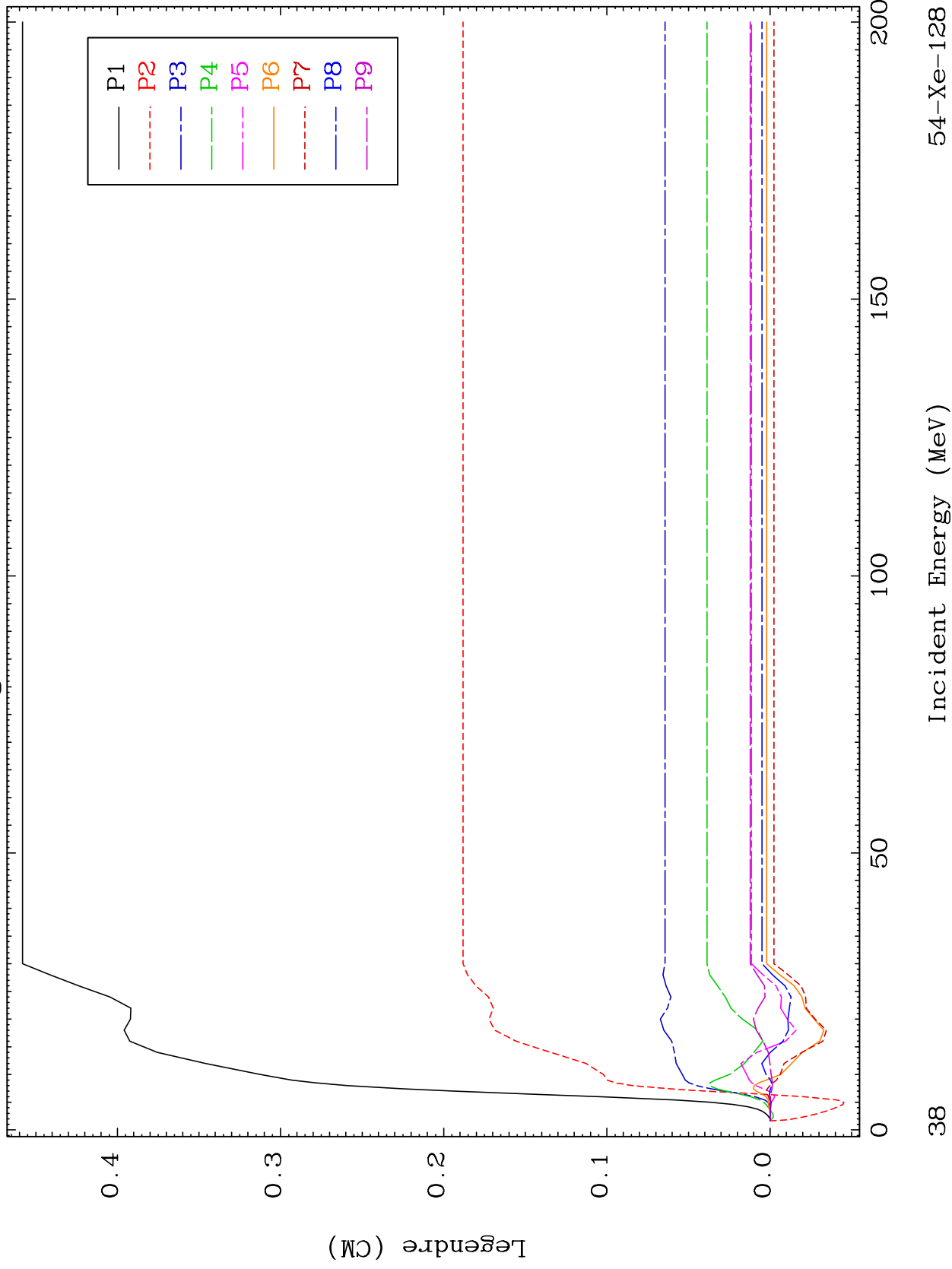
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

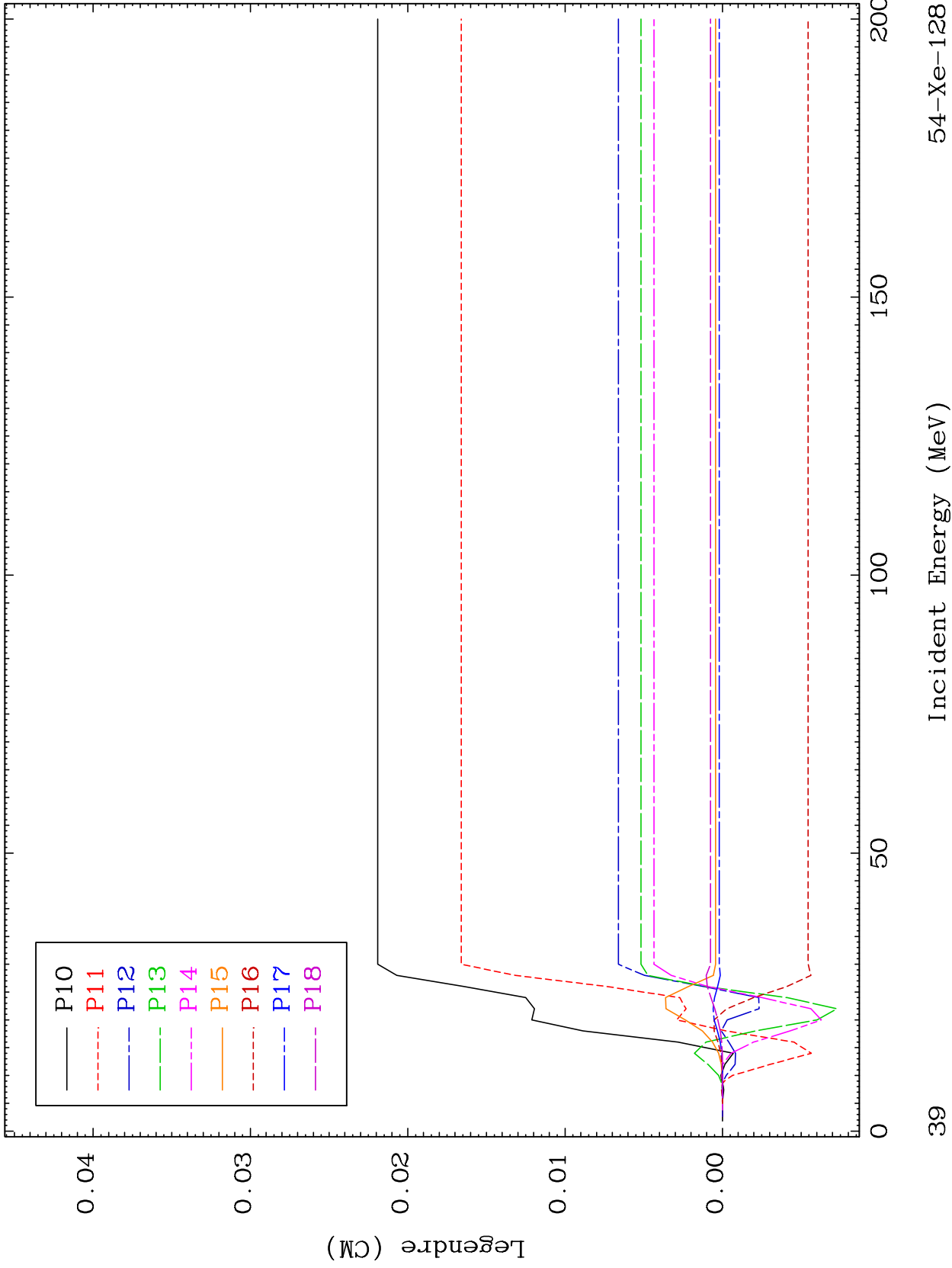
Incident Energy (MeV)

38

MAT 5437

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

54-Xe-128



39

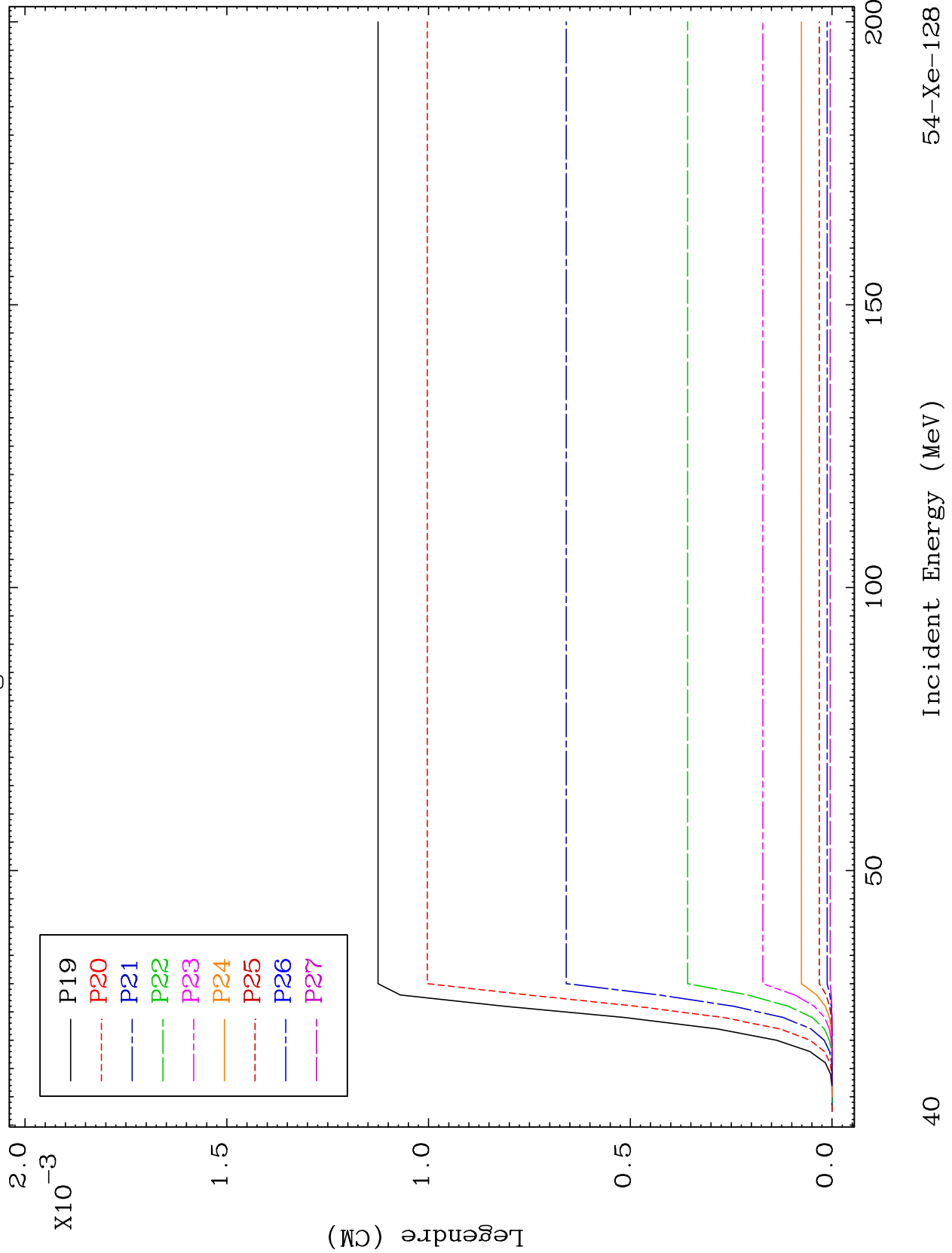
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



40

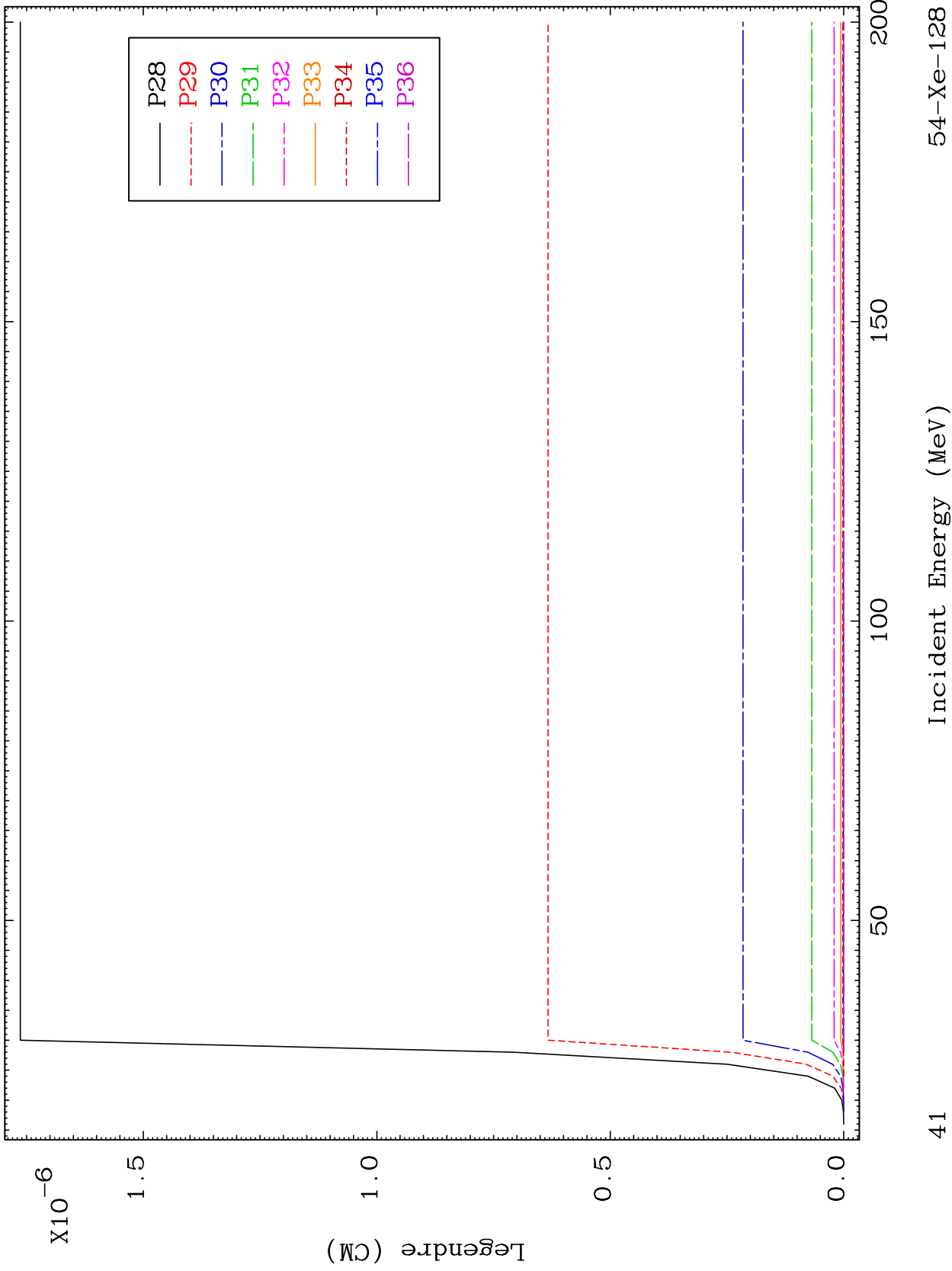
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128

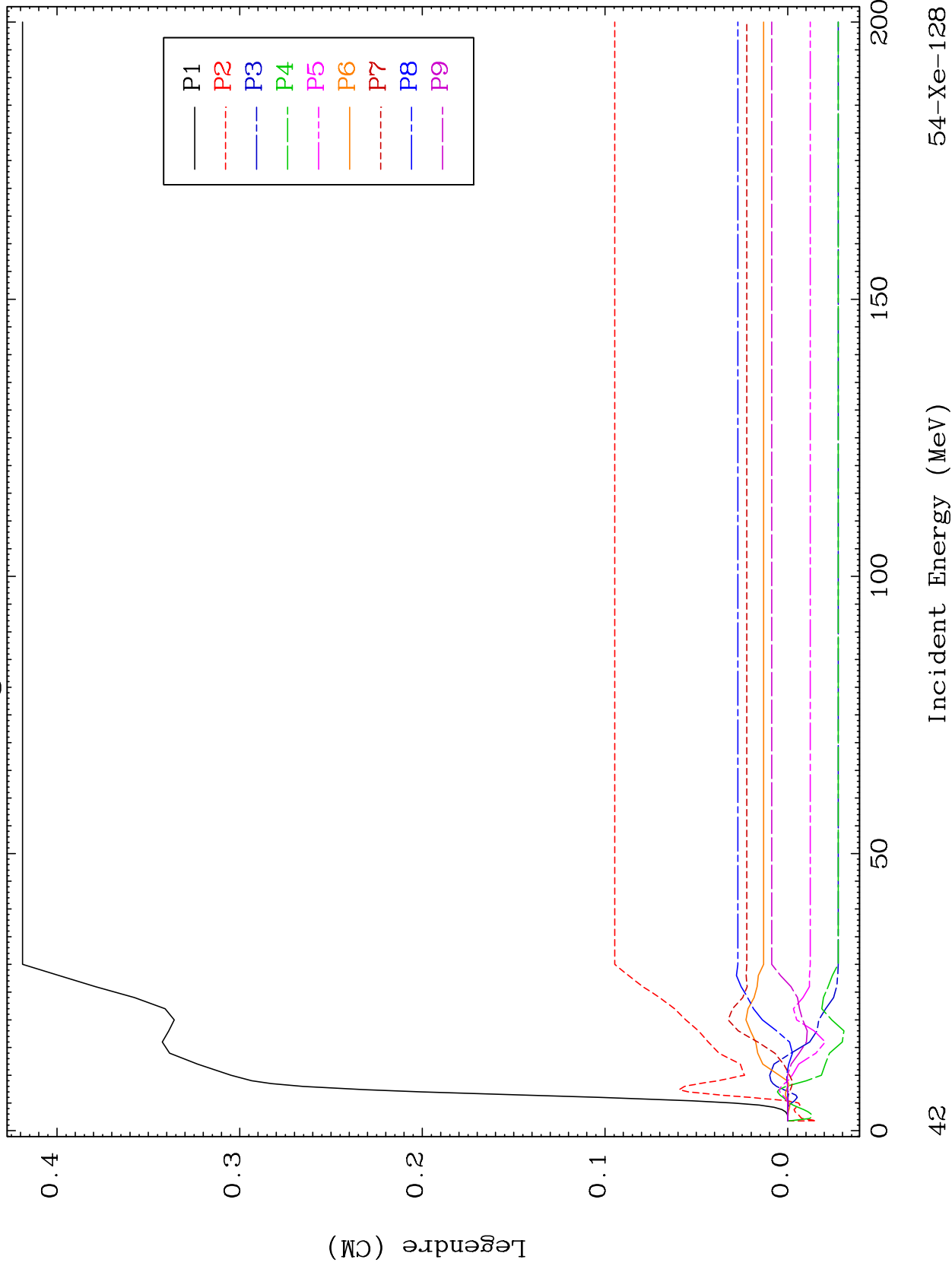


41

MAT 5437

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

54-Xe-128



54-Xe-128

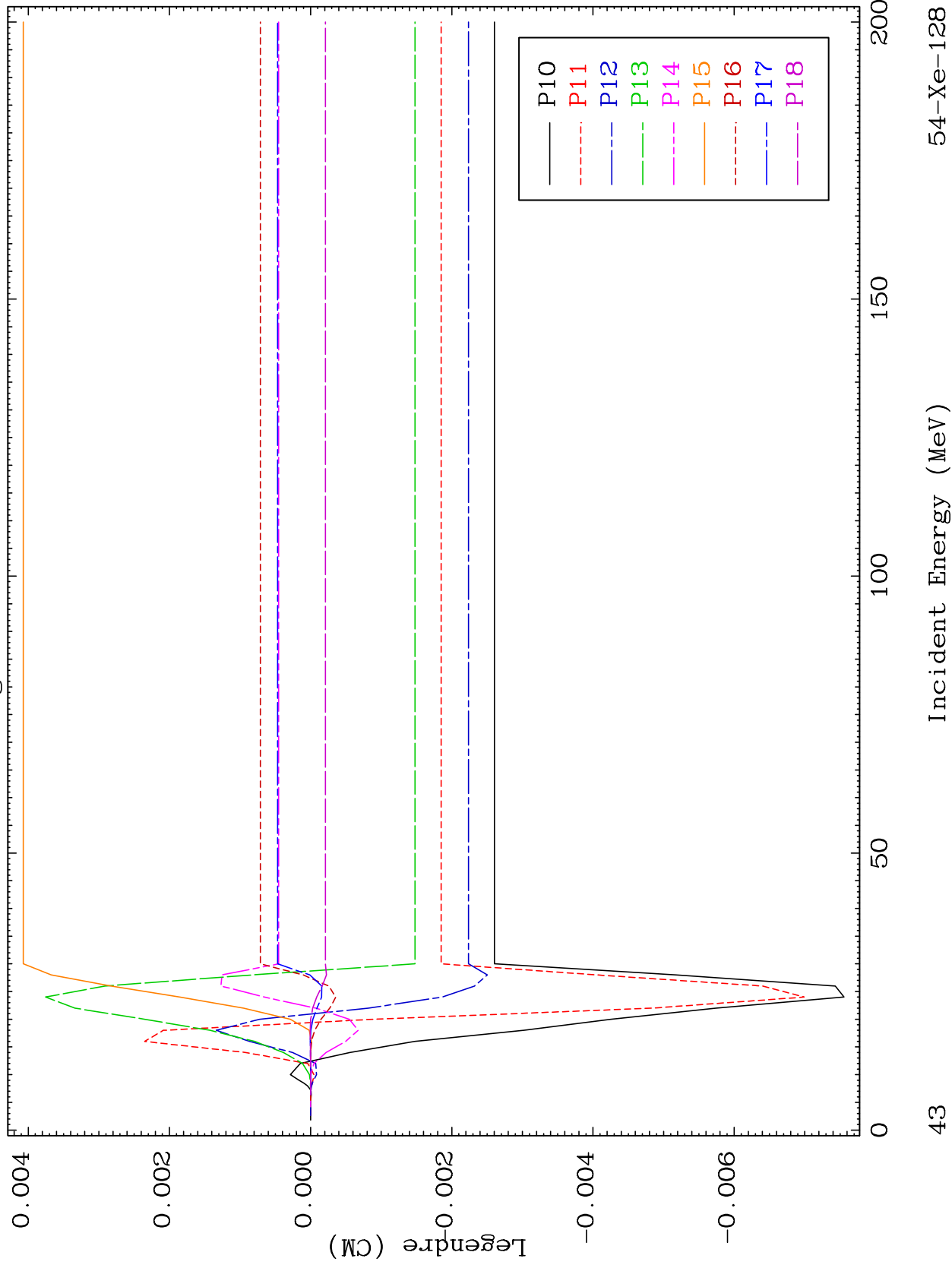
Incident Energy (MeV)

42

MAT 5437

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

54-Xe-128



43

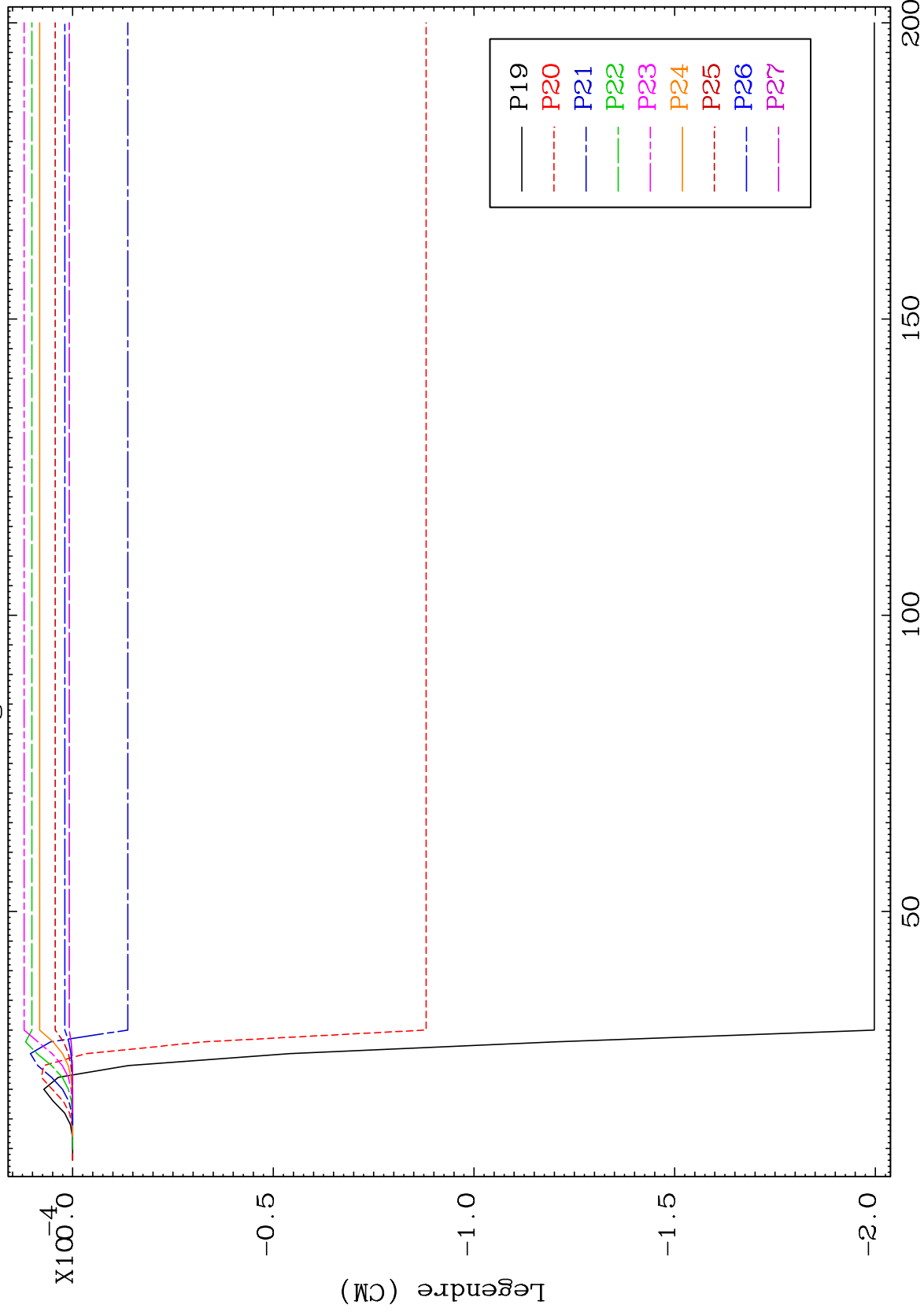
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



44

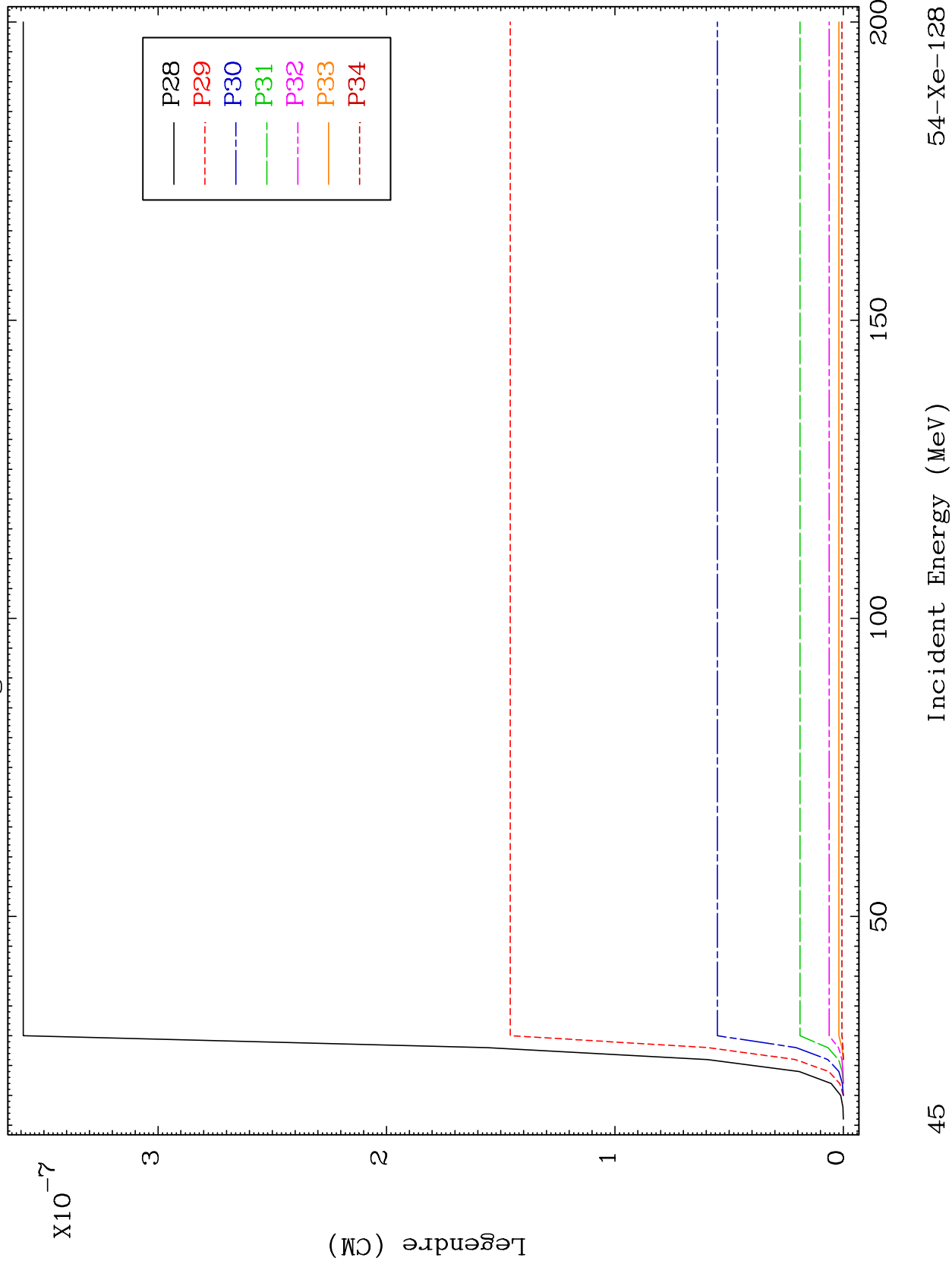
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

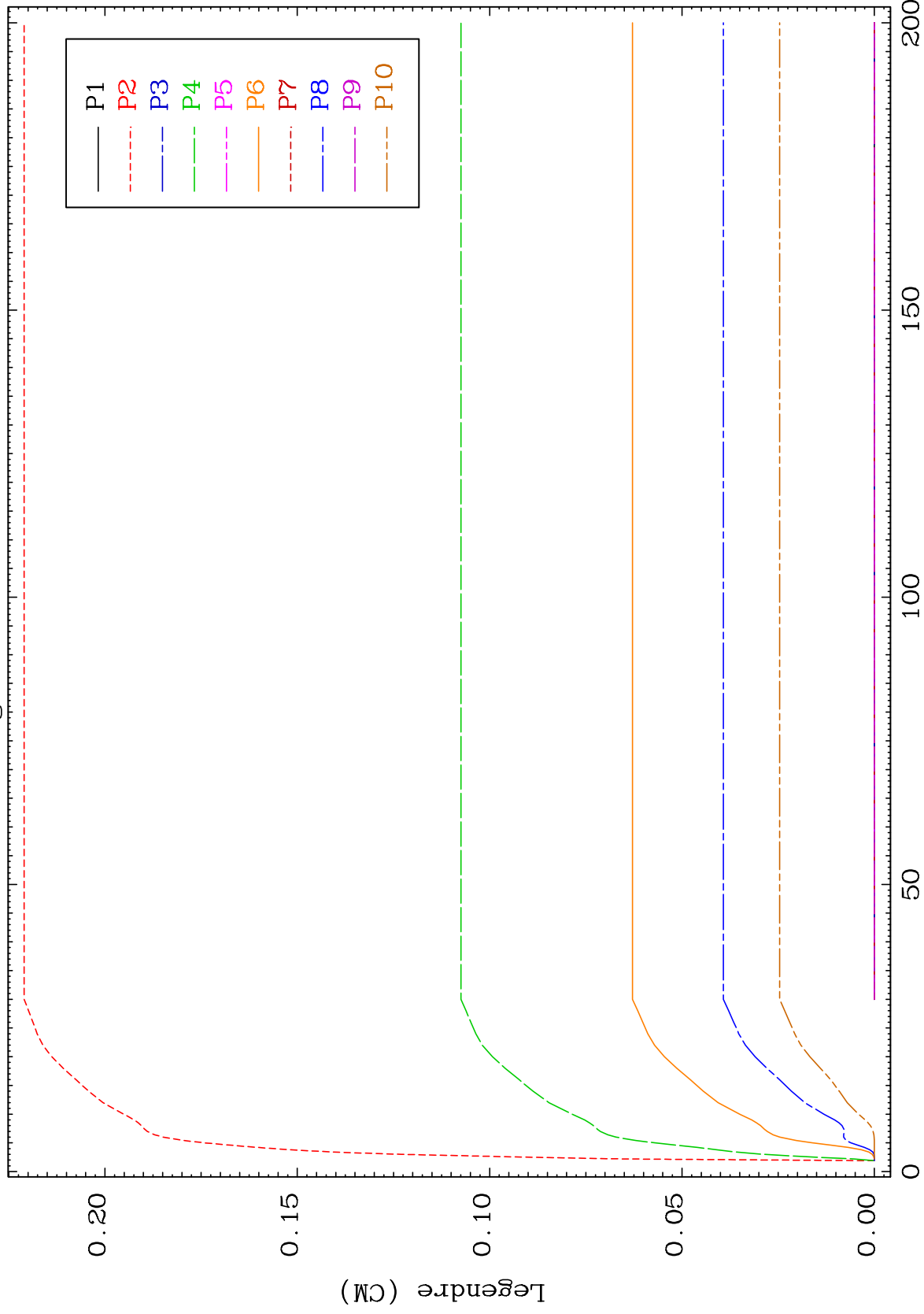
54-Xe-128



MAT 5437

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

54-Xe-128



46

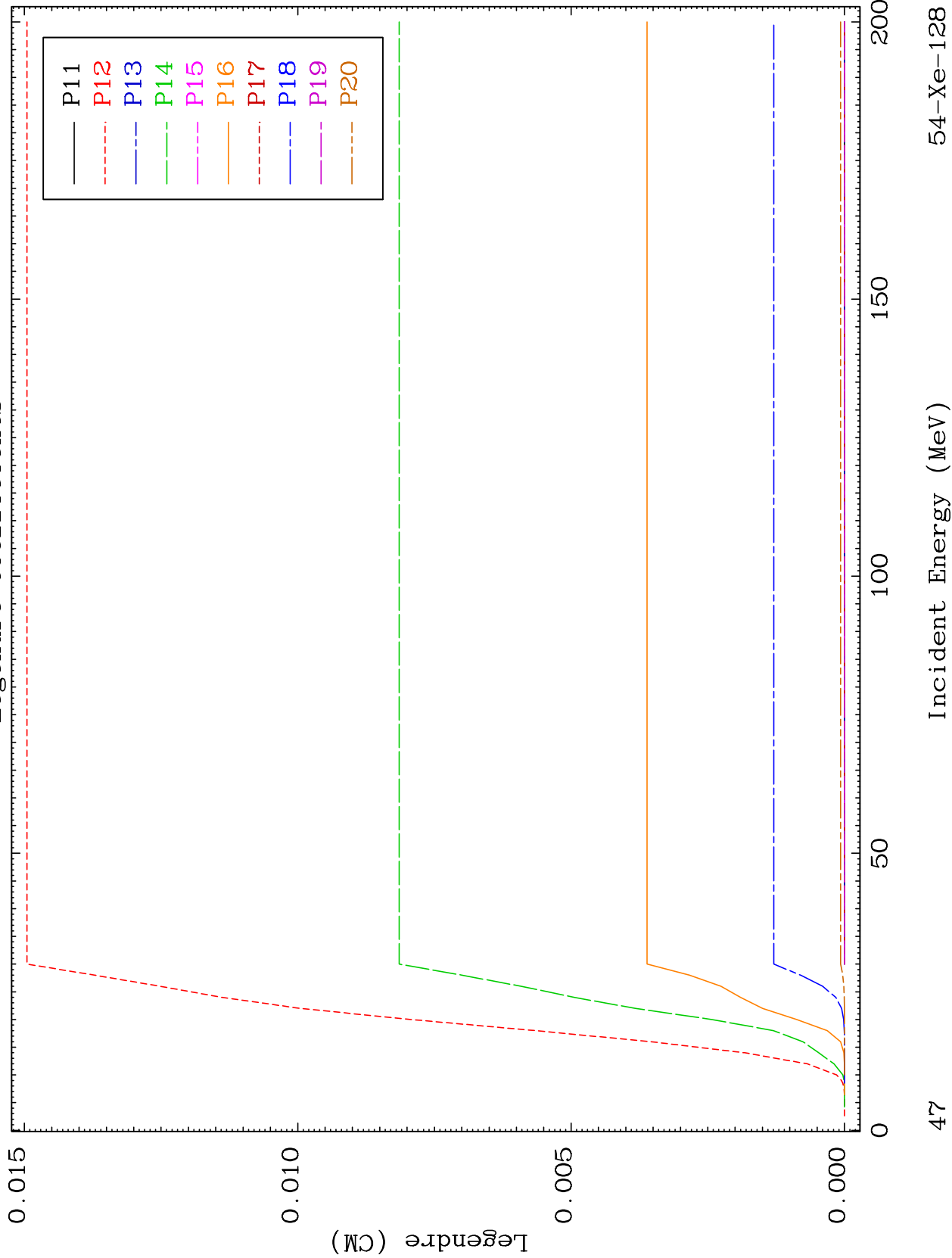
Incident Energy (MeV)

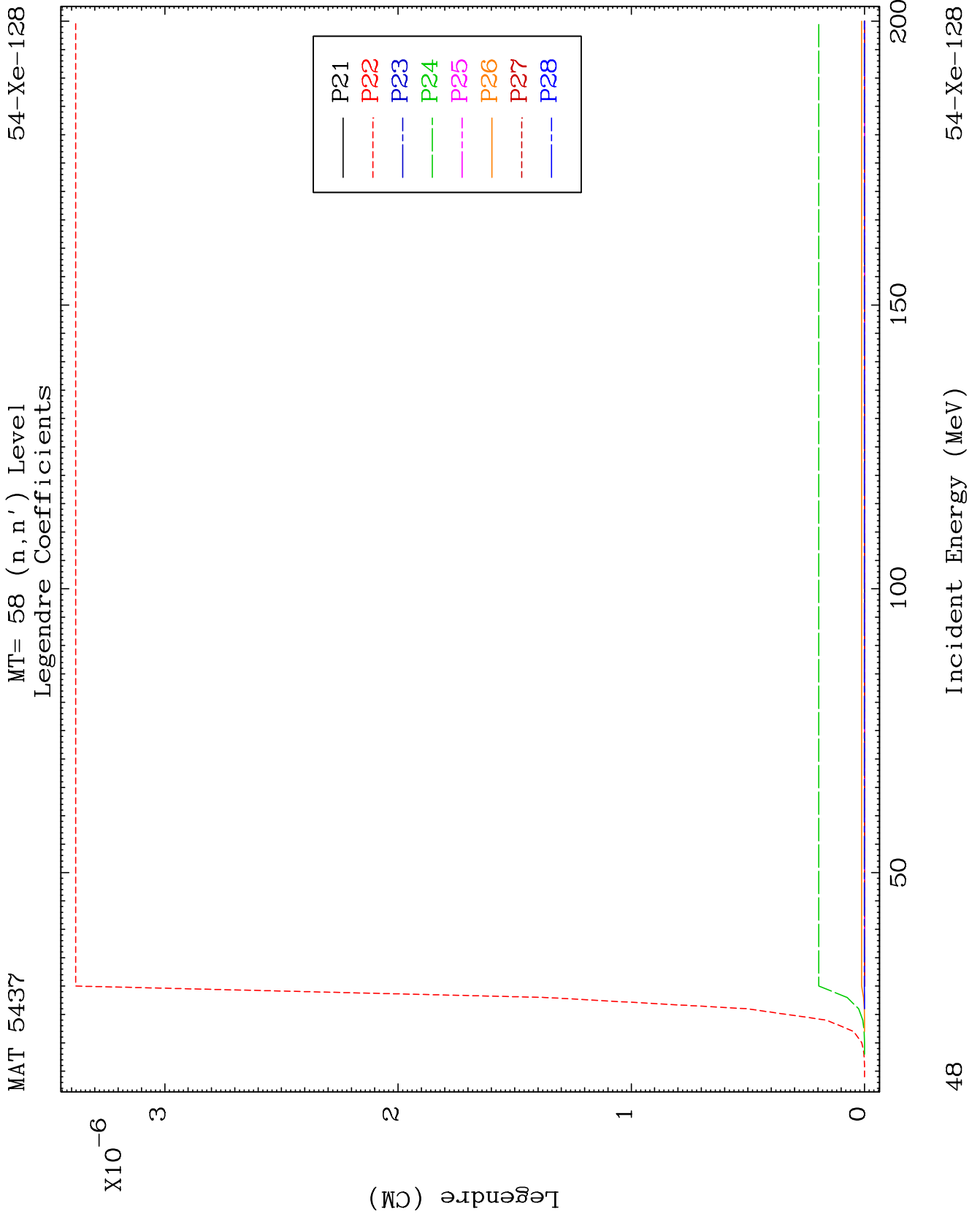
54-Xe-128

MAT 5437

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

54-Xe-128

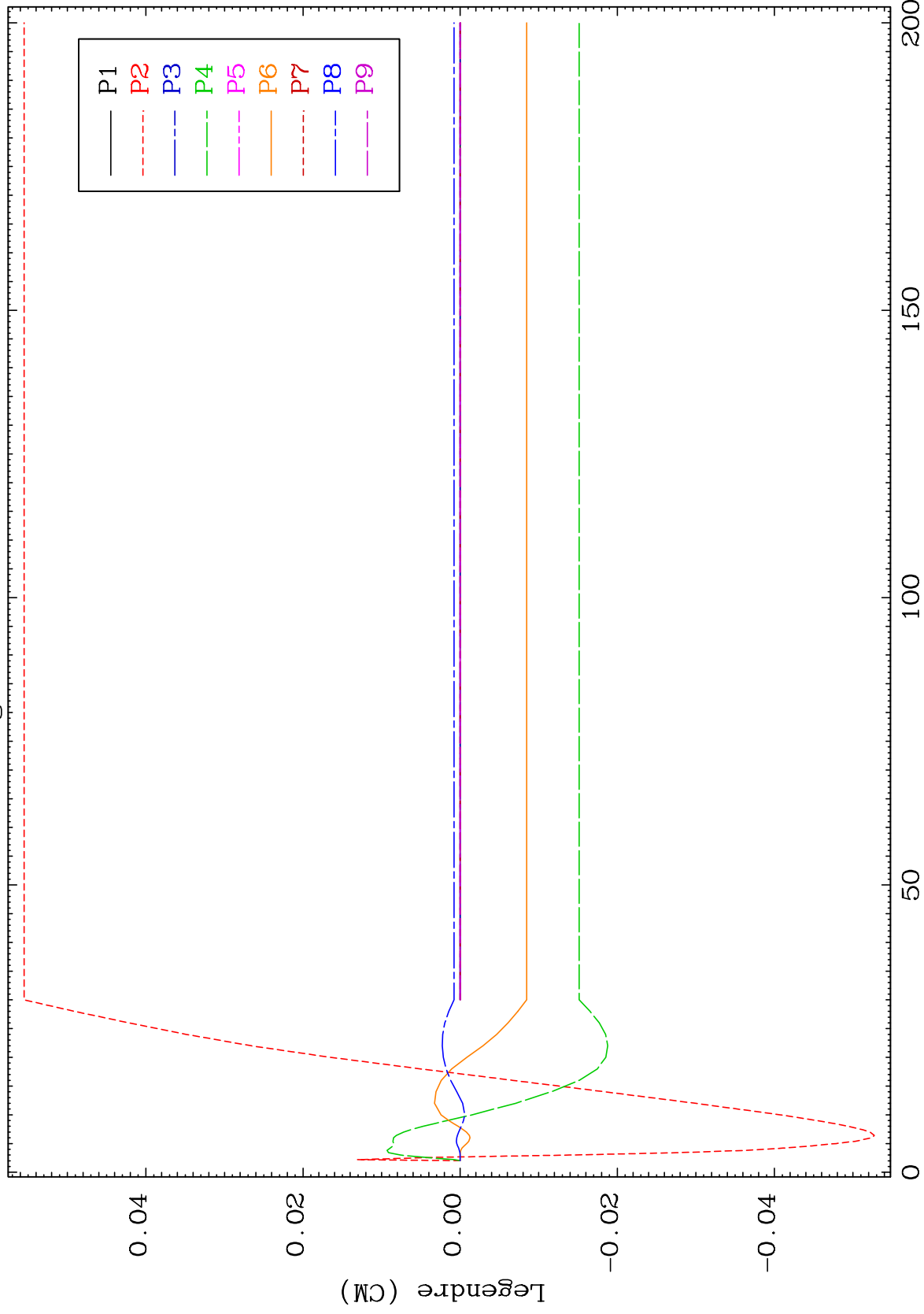




MAT 5437

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

54-Xe-128



54-Xe-128

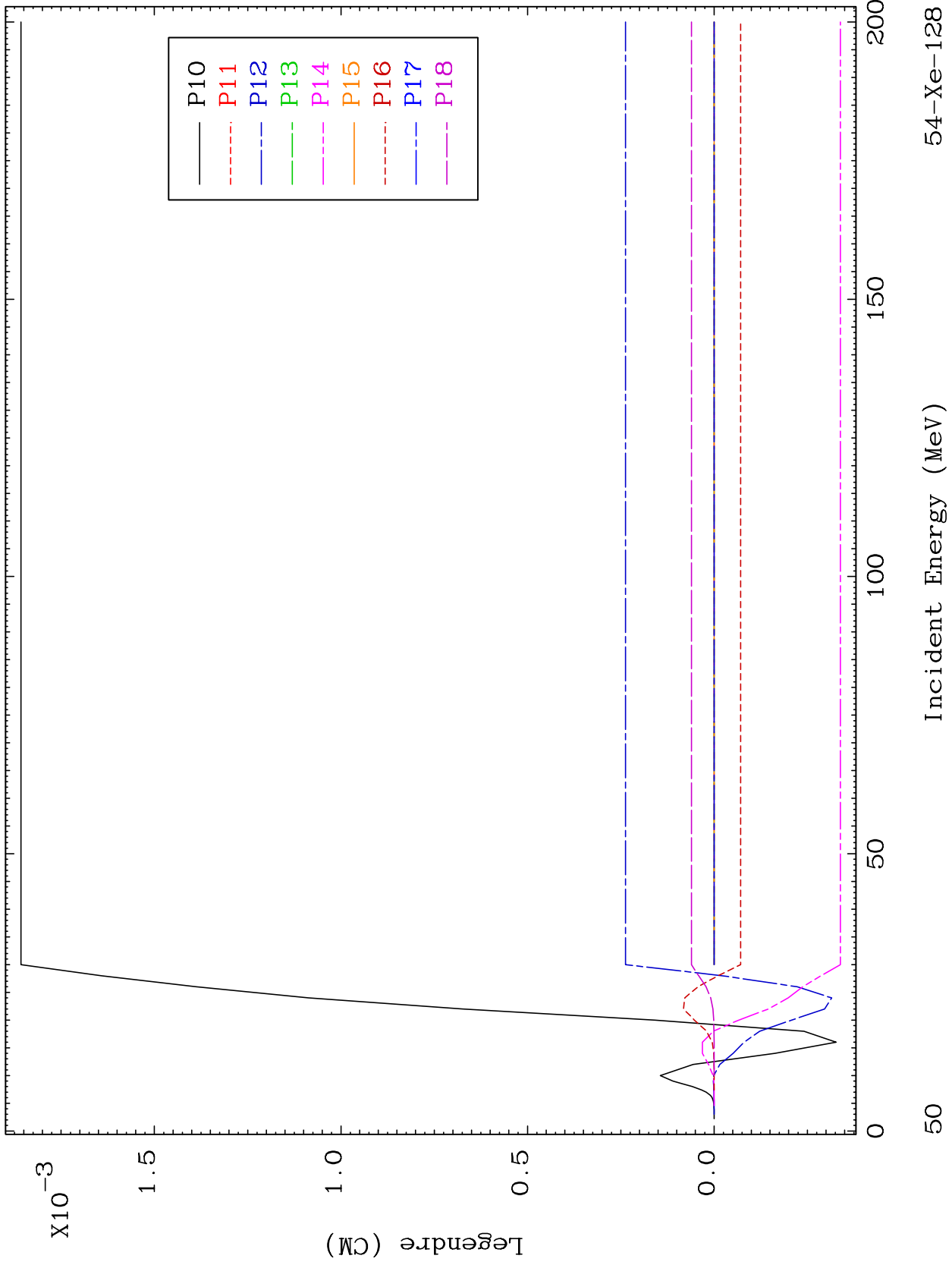
Incident Energy (MeV)

49

MAT 5437

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

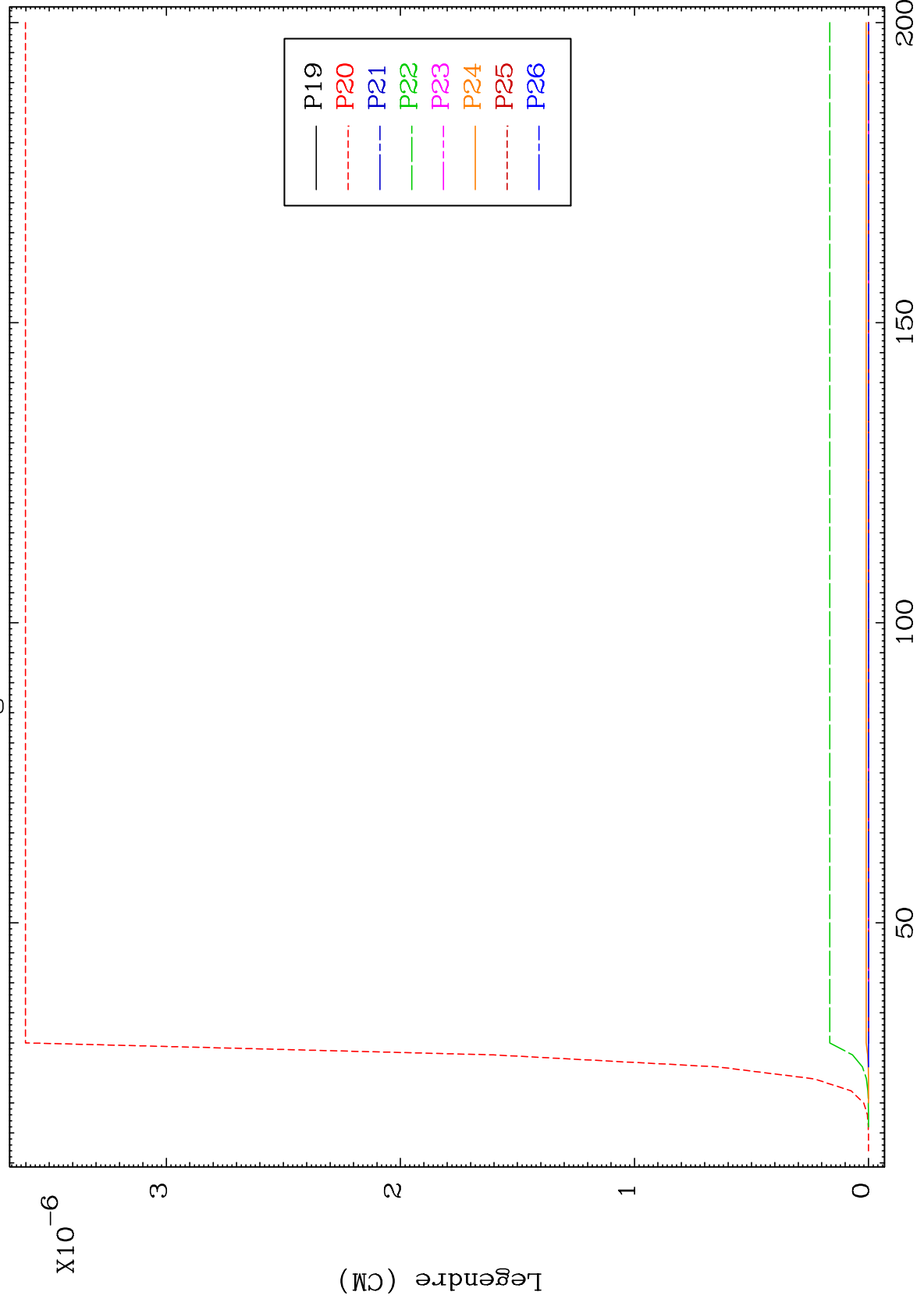
54-Xe-128



MAT 5437

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

54-Xe-128



51

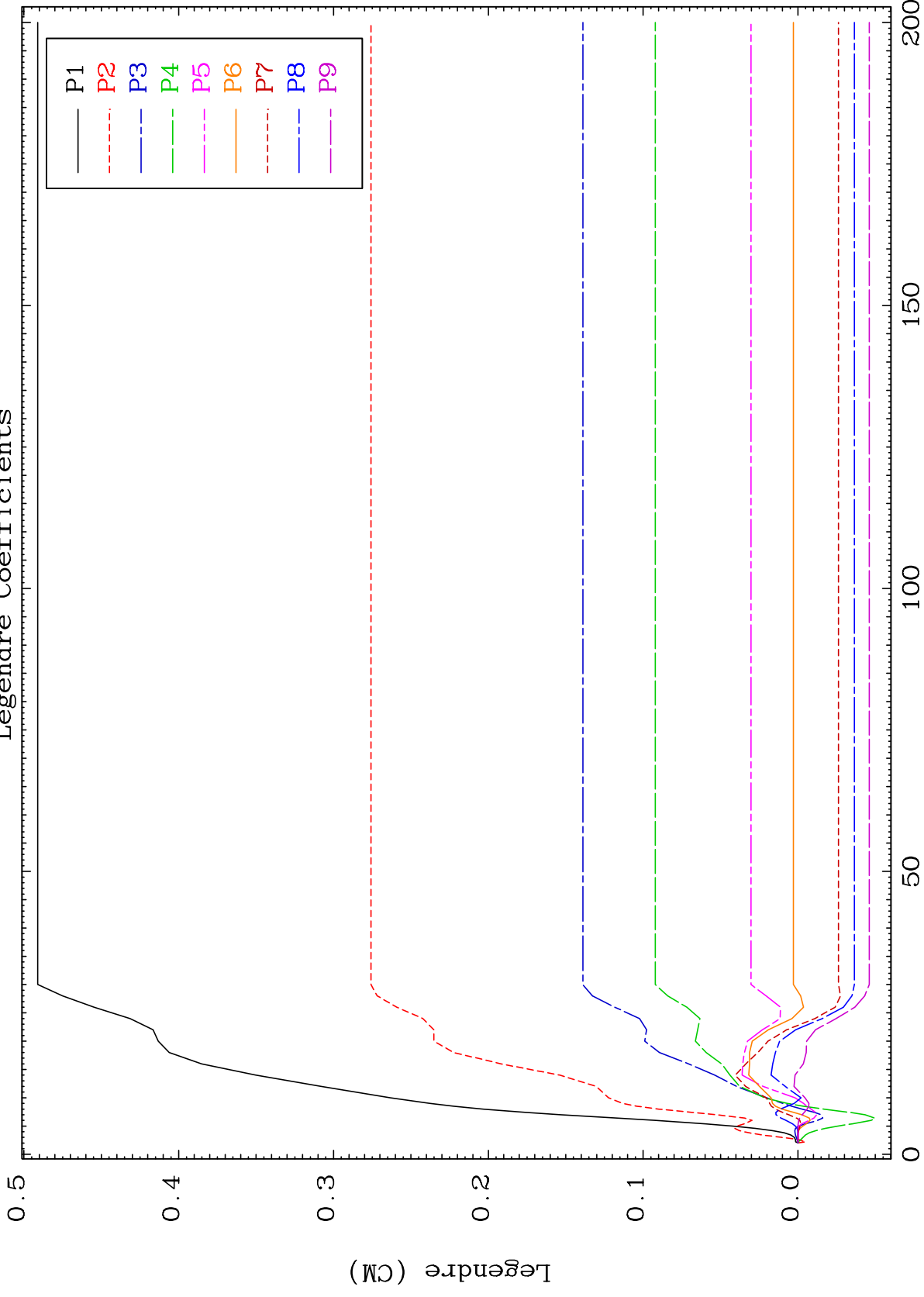
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



52

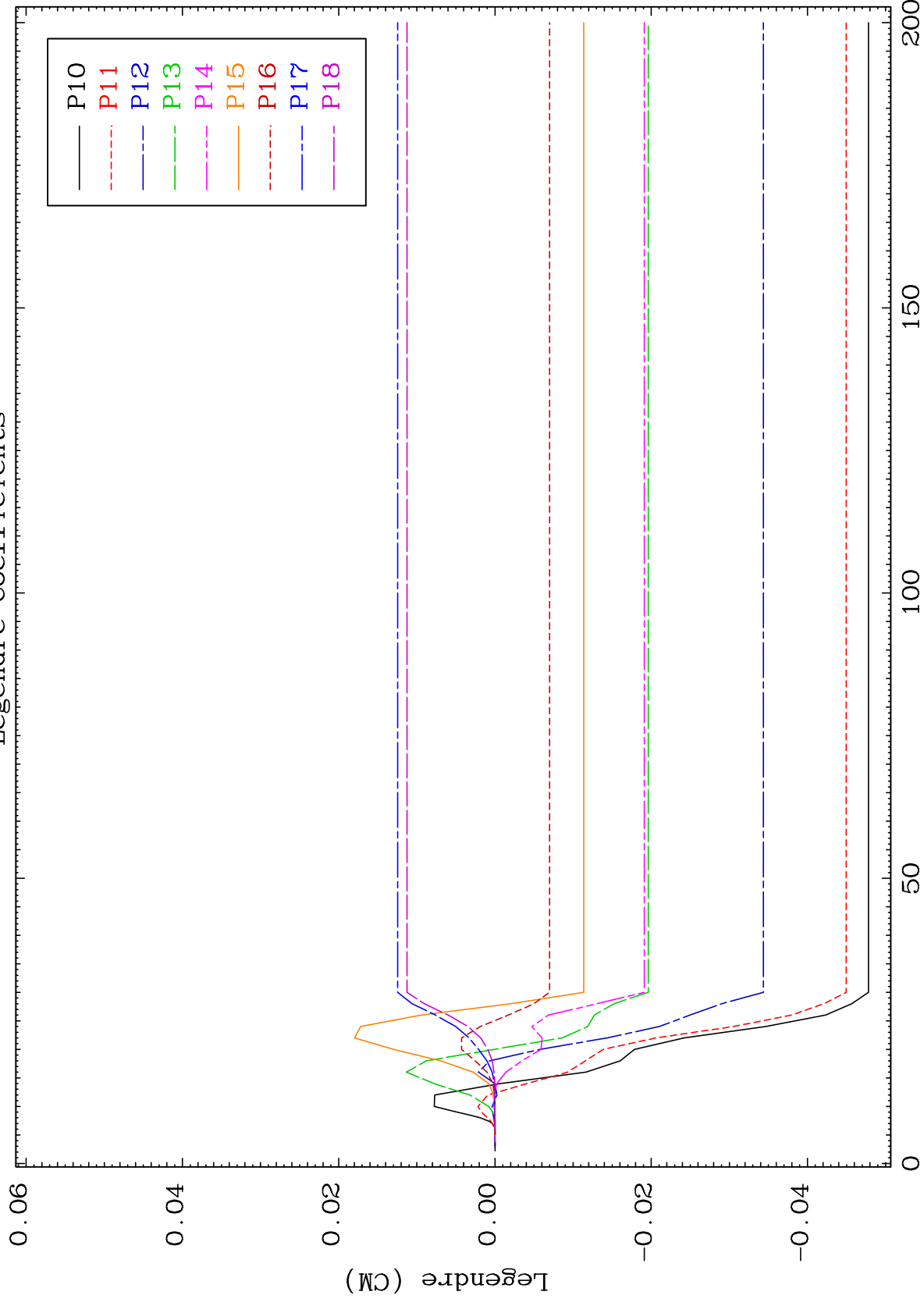
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



53

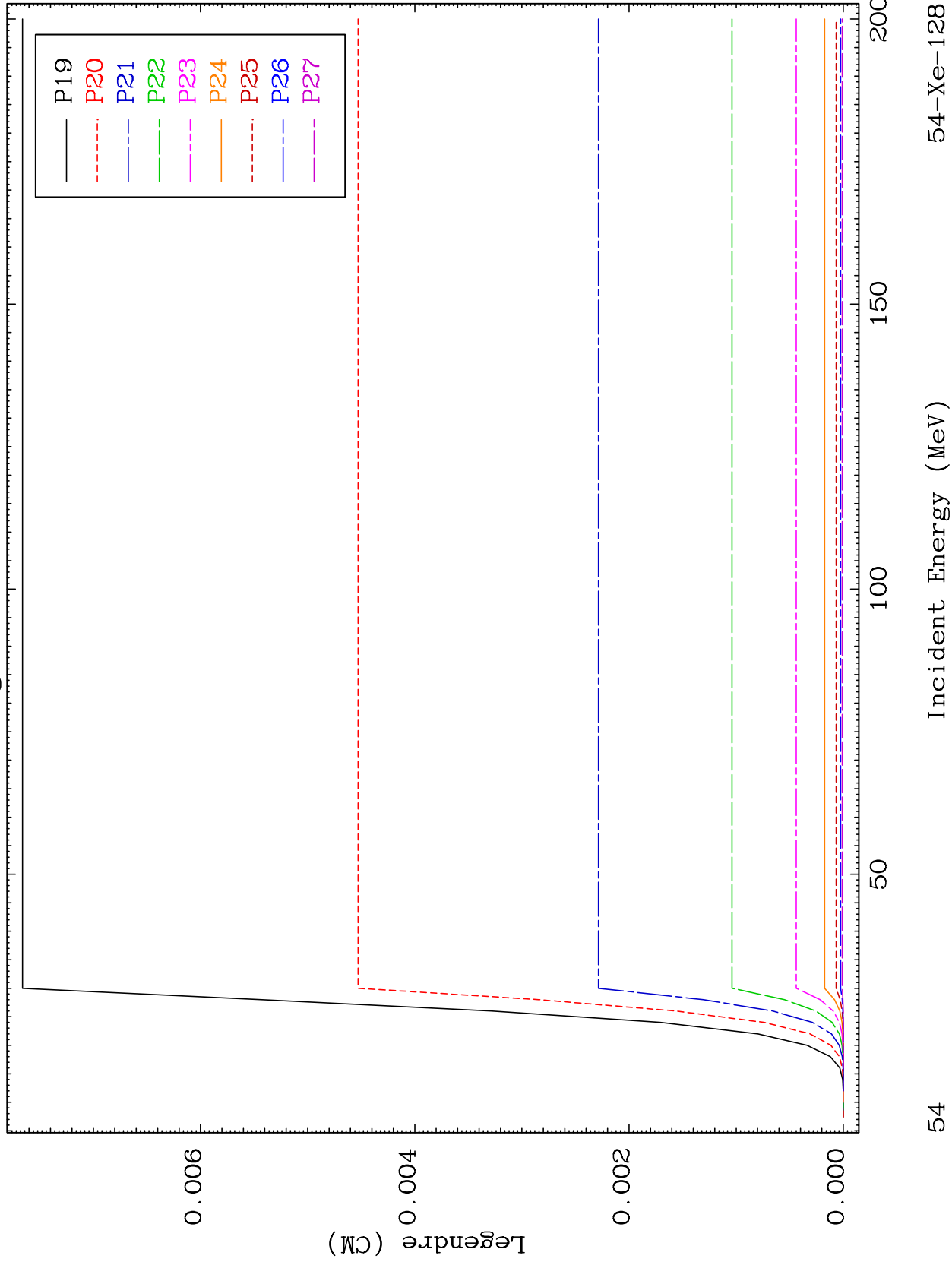
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



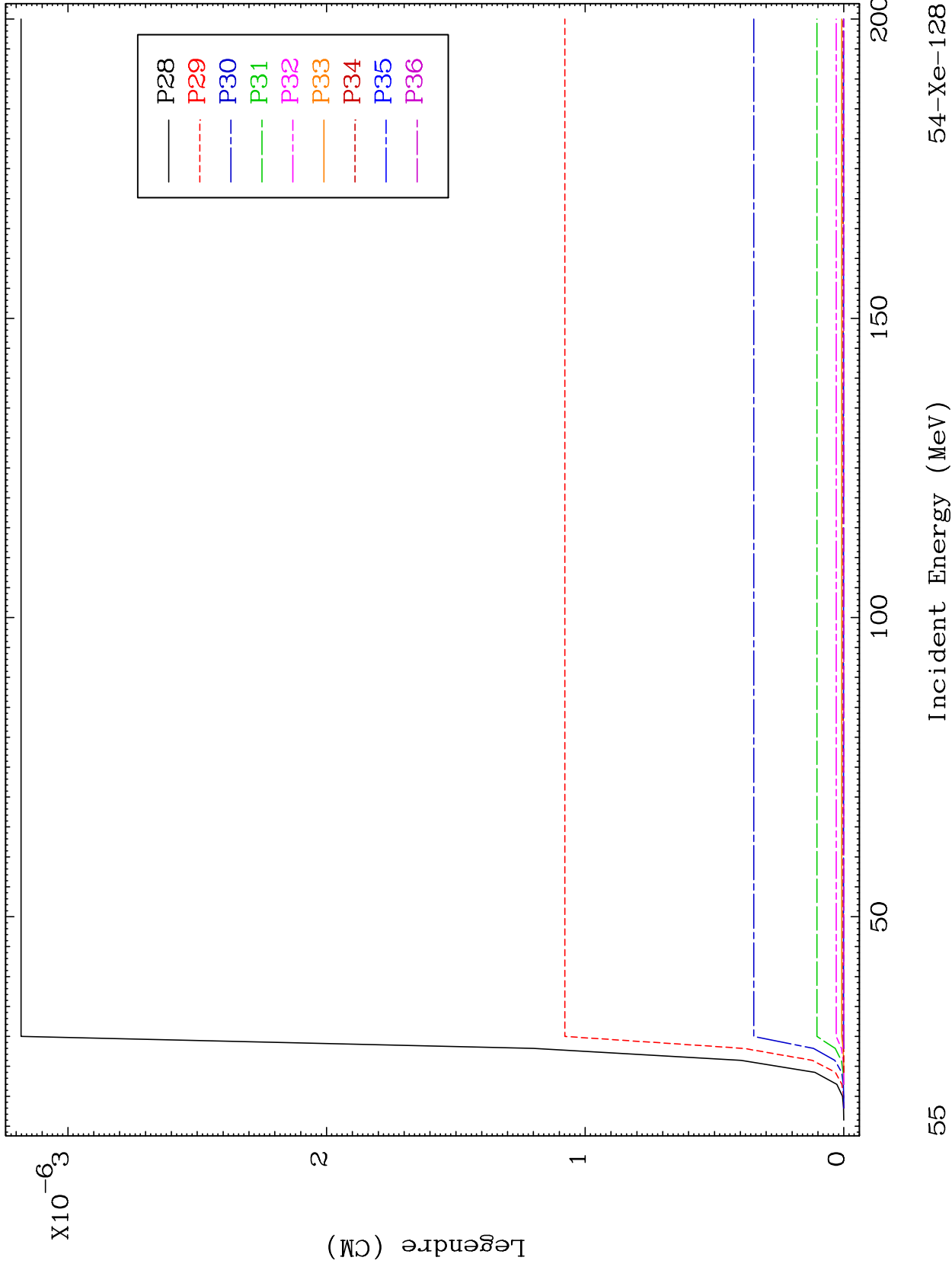
54

54-Xe-128

MAT 5437

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

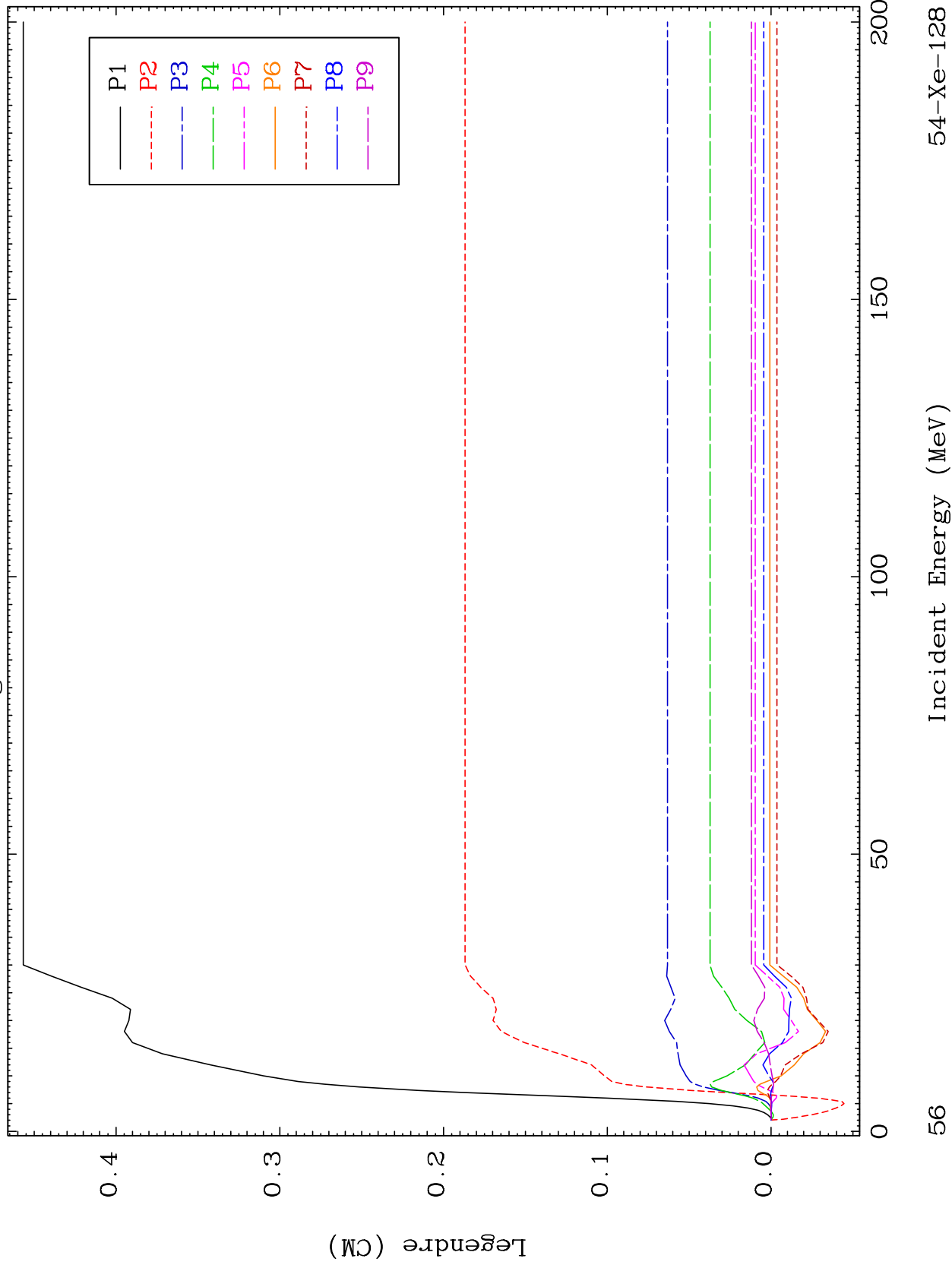
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

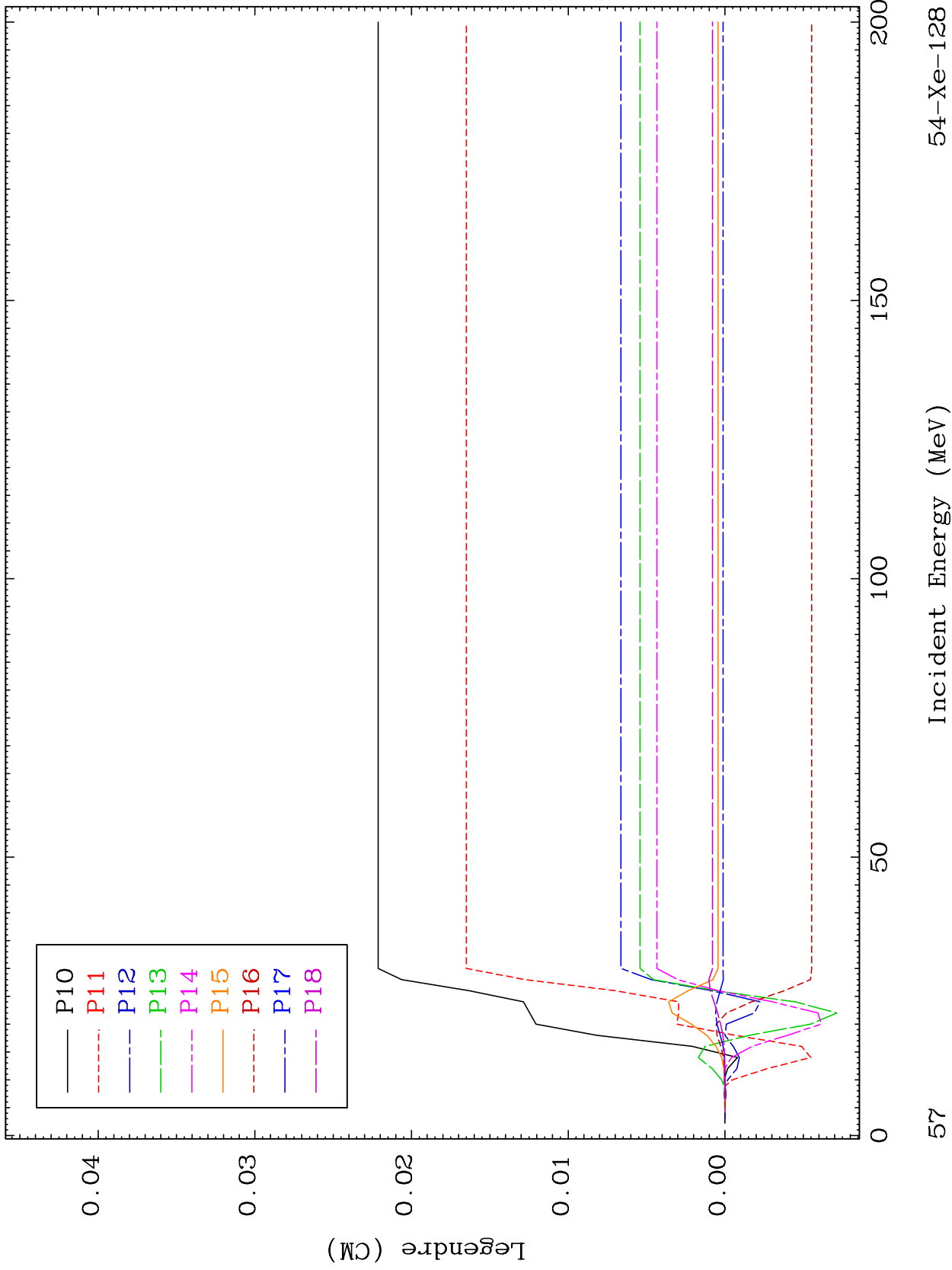
Incident Energy (MeV)

56

MAT 5437

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

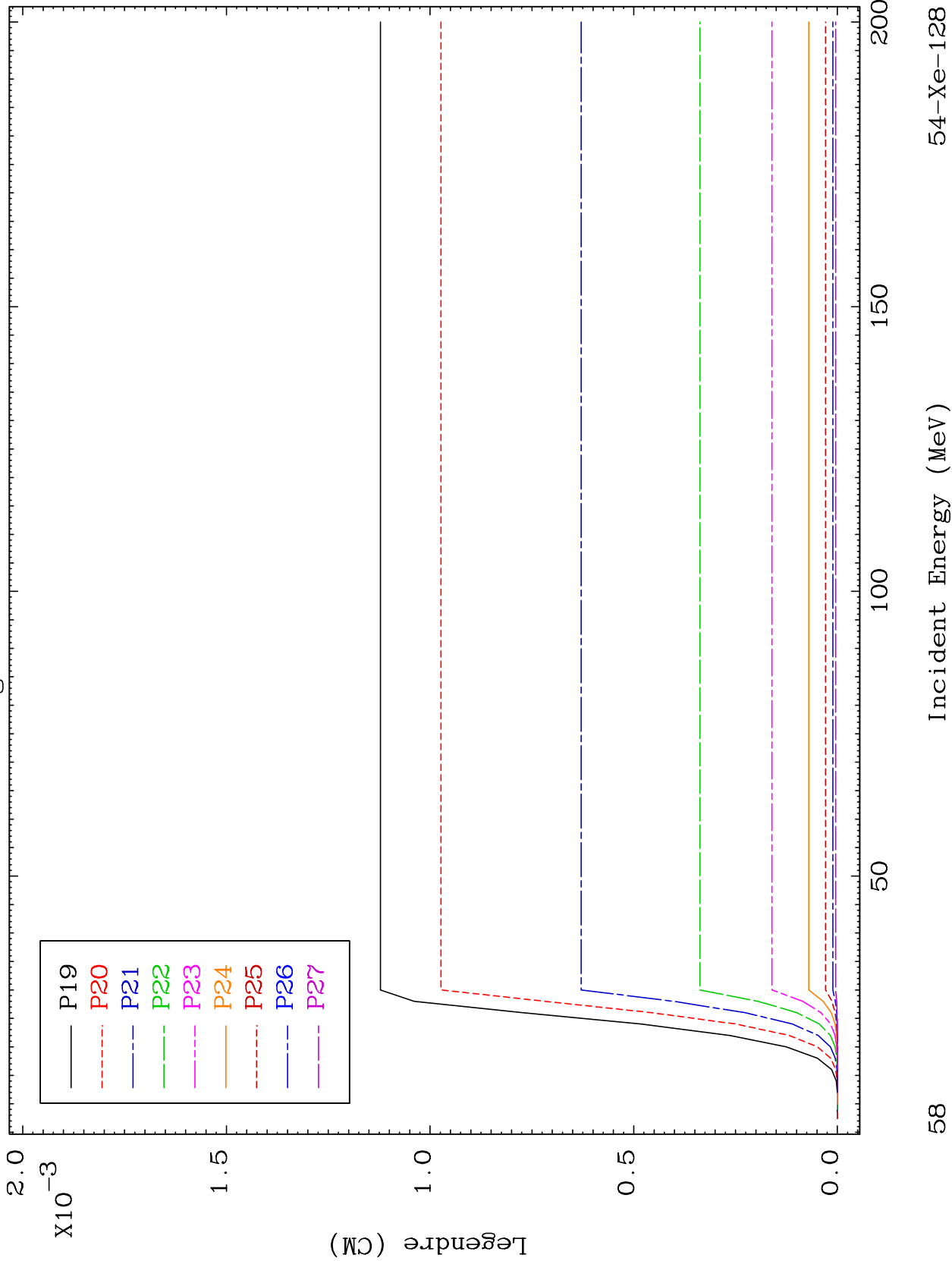
54-Xe-128



MAT 5437

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

54-Xe-128



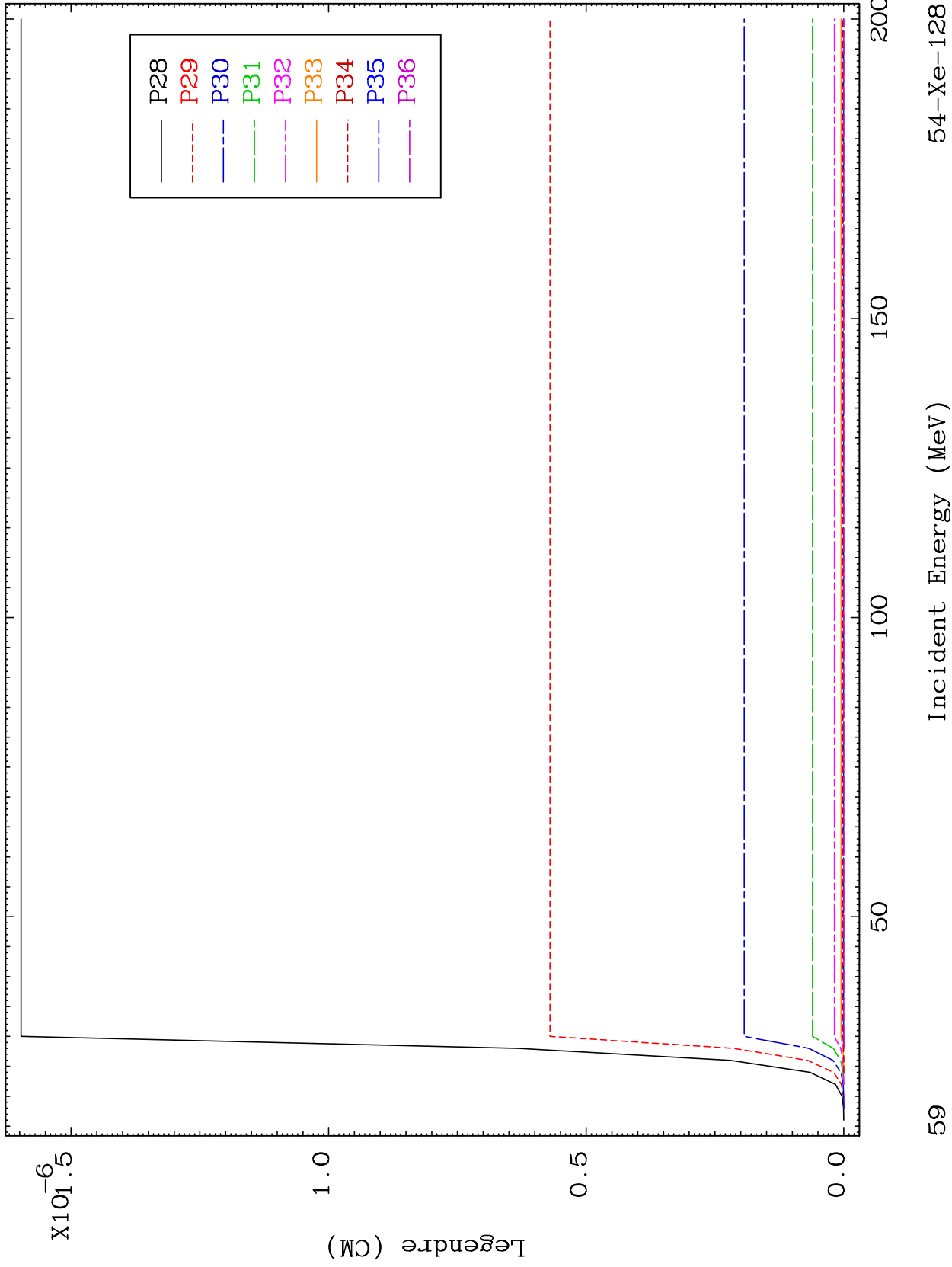
58

54-Xe-128

MAT 5437

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

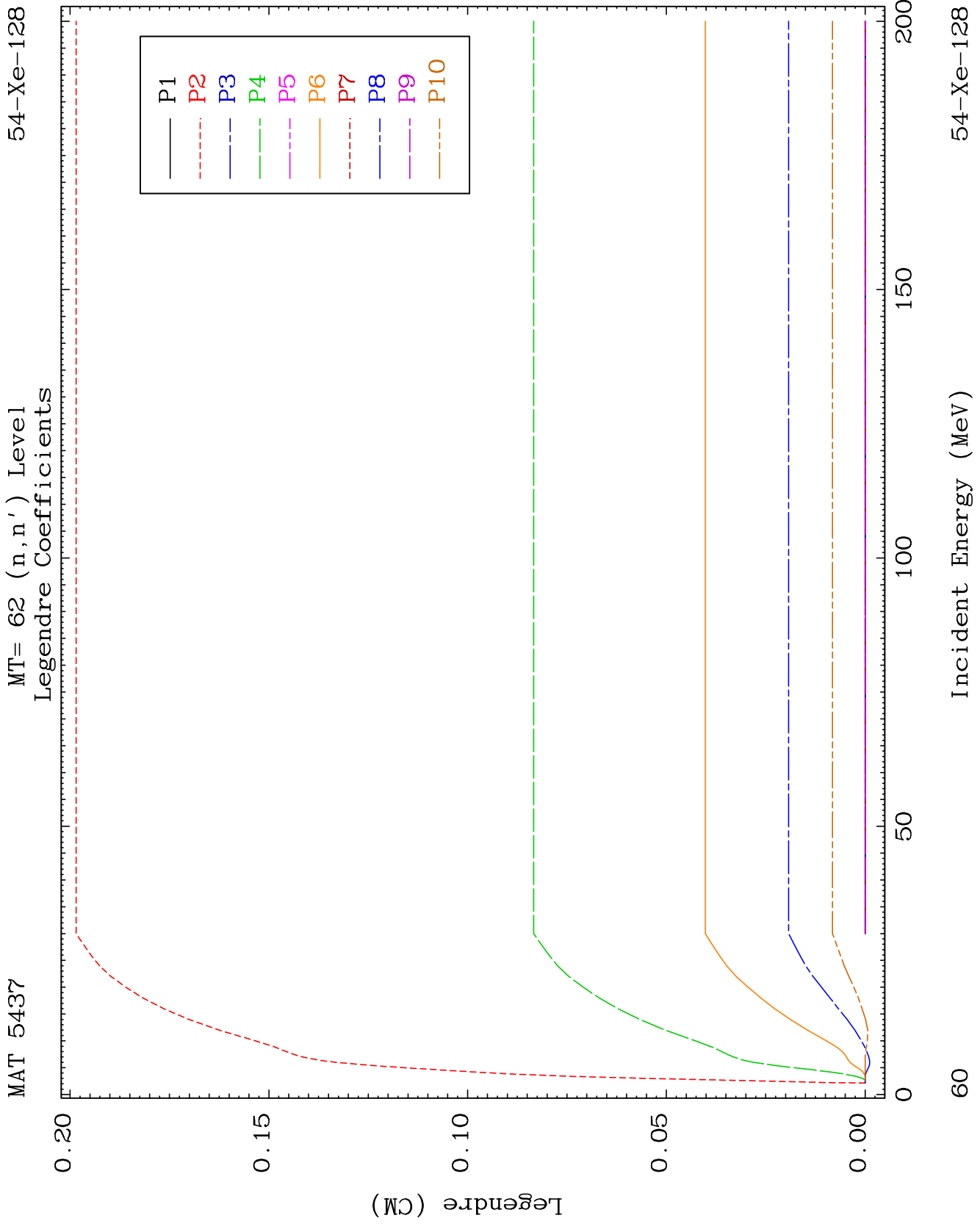
54-Xe-128



59

Incident Energy (MeV)

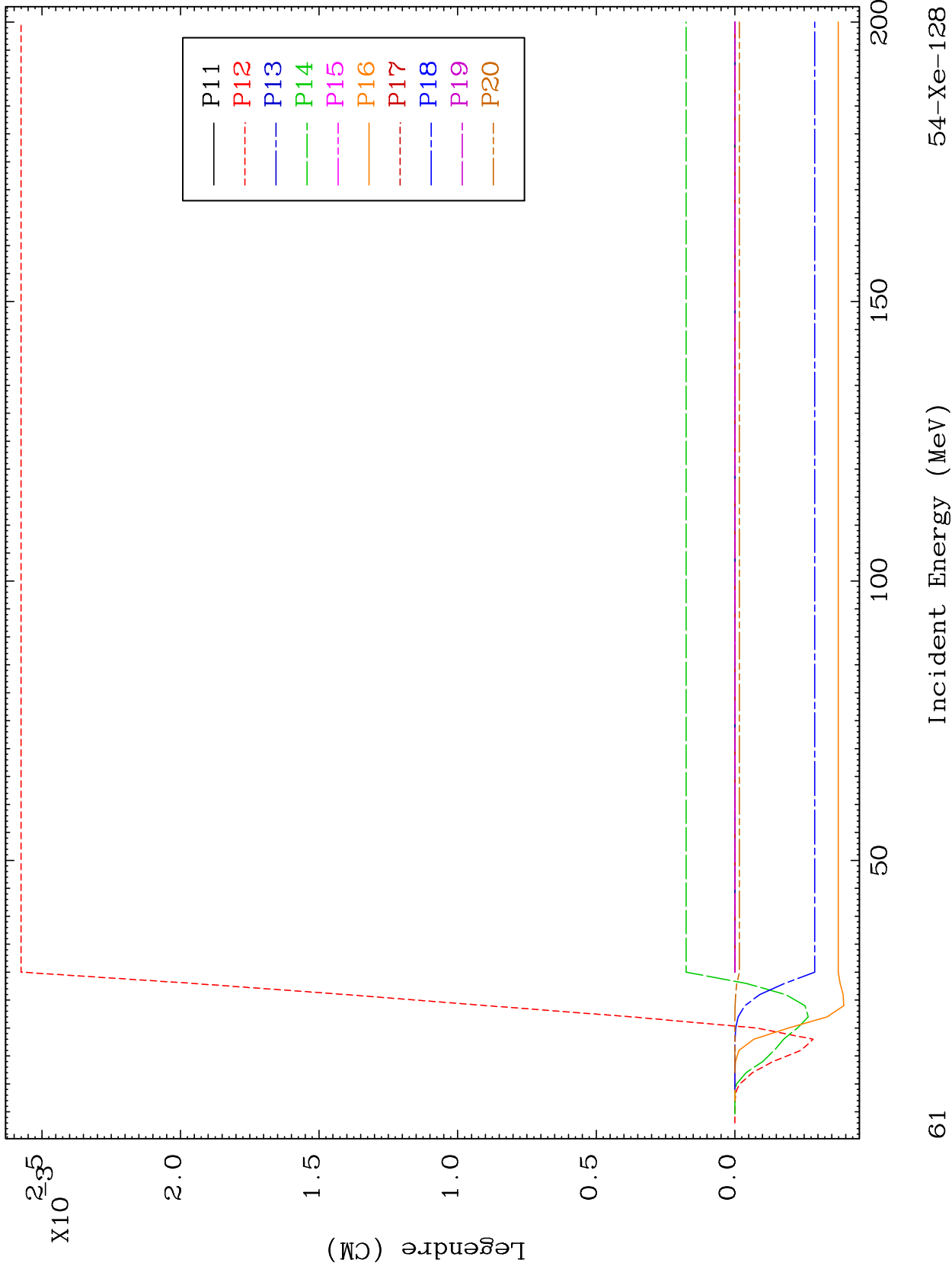
54-Xe-128



MAT 5437

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

54-Xe-128



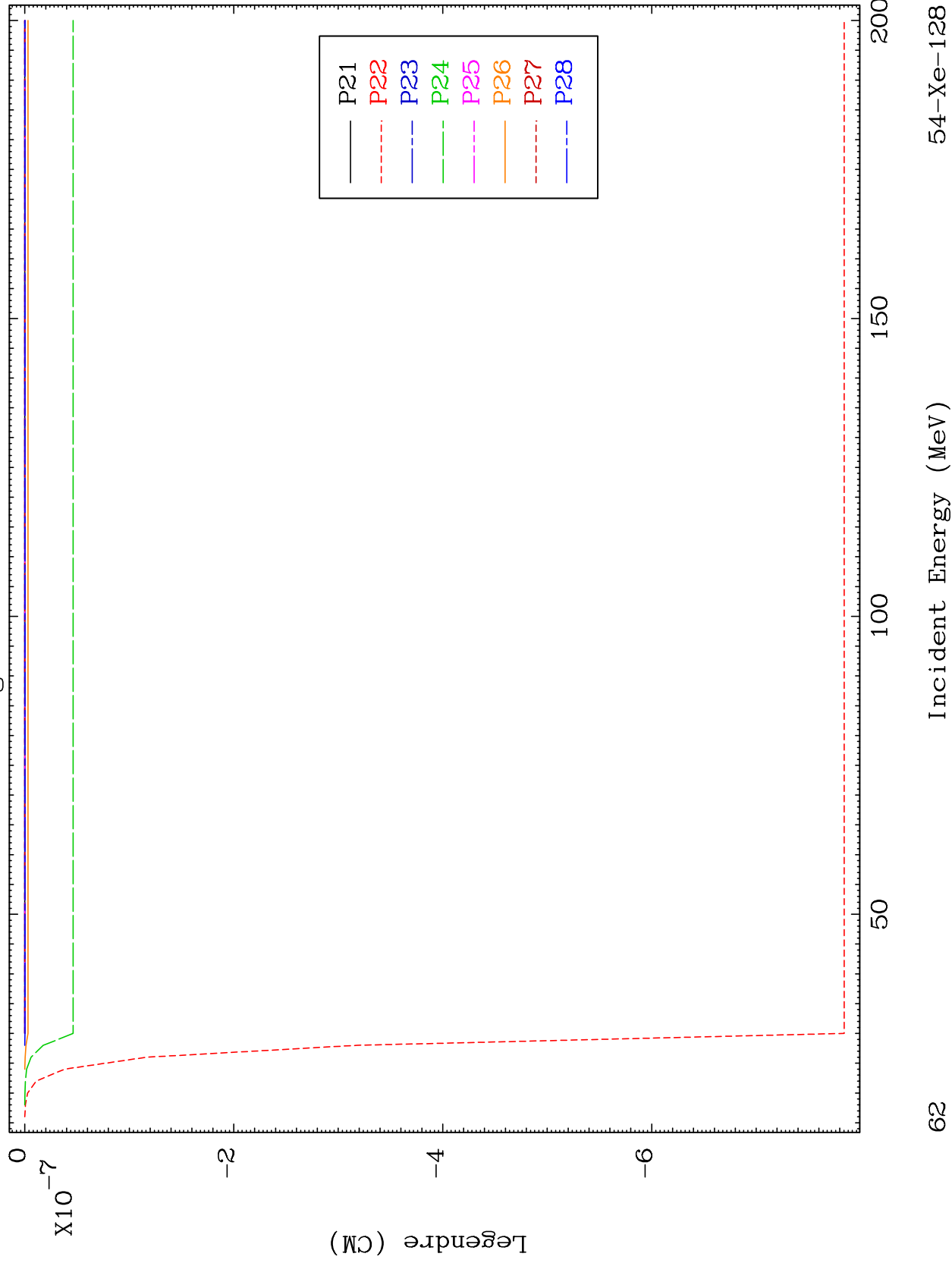
61

54-Xe-128

MAT 5437

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

54-Xe-128



62

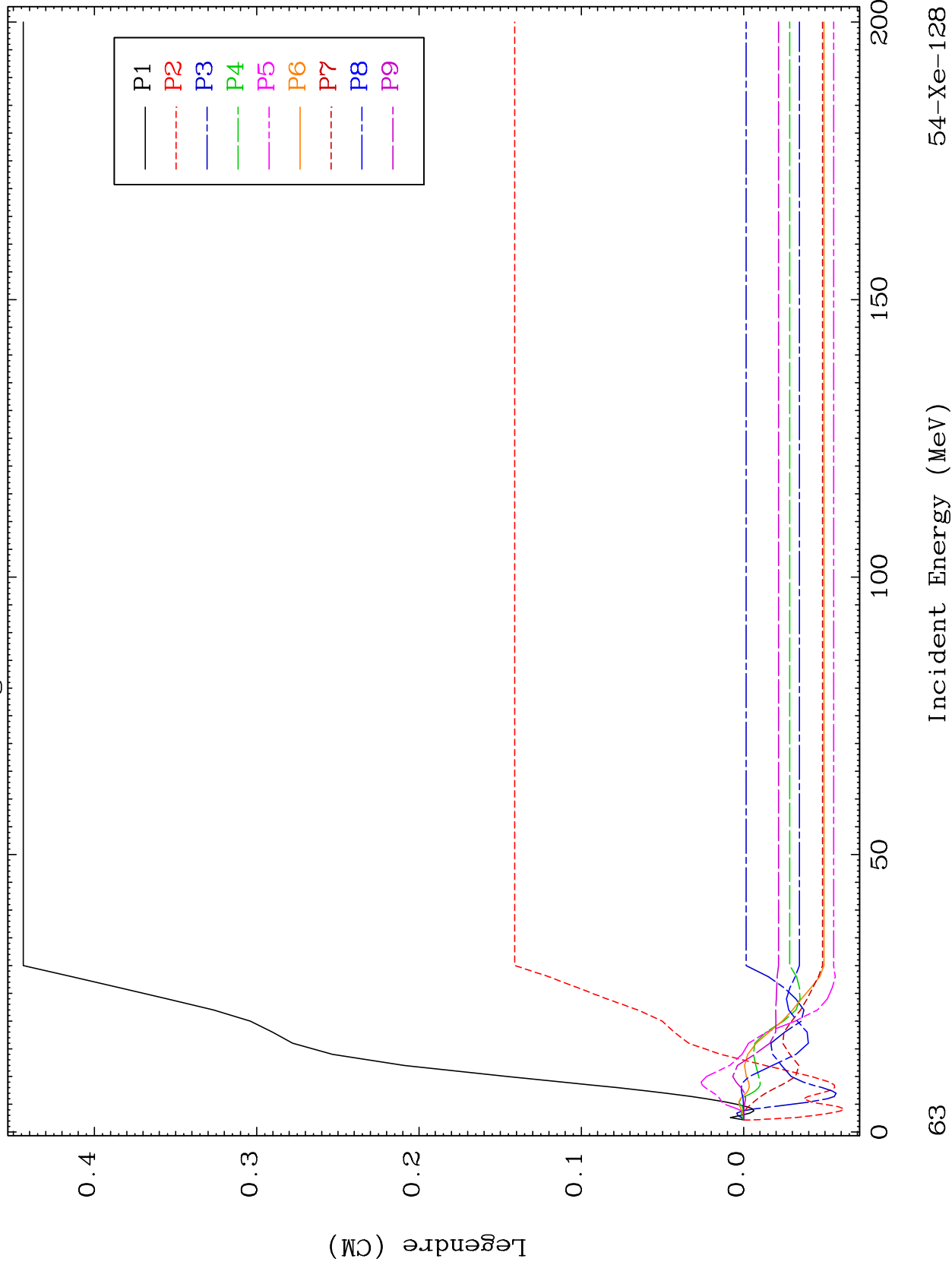
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

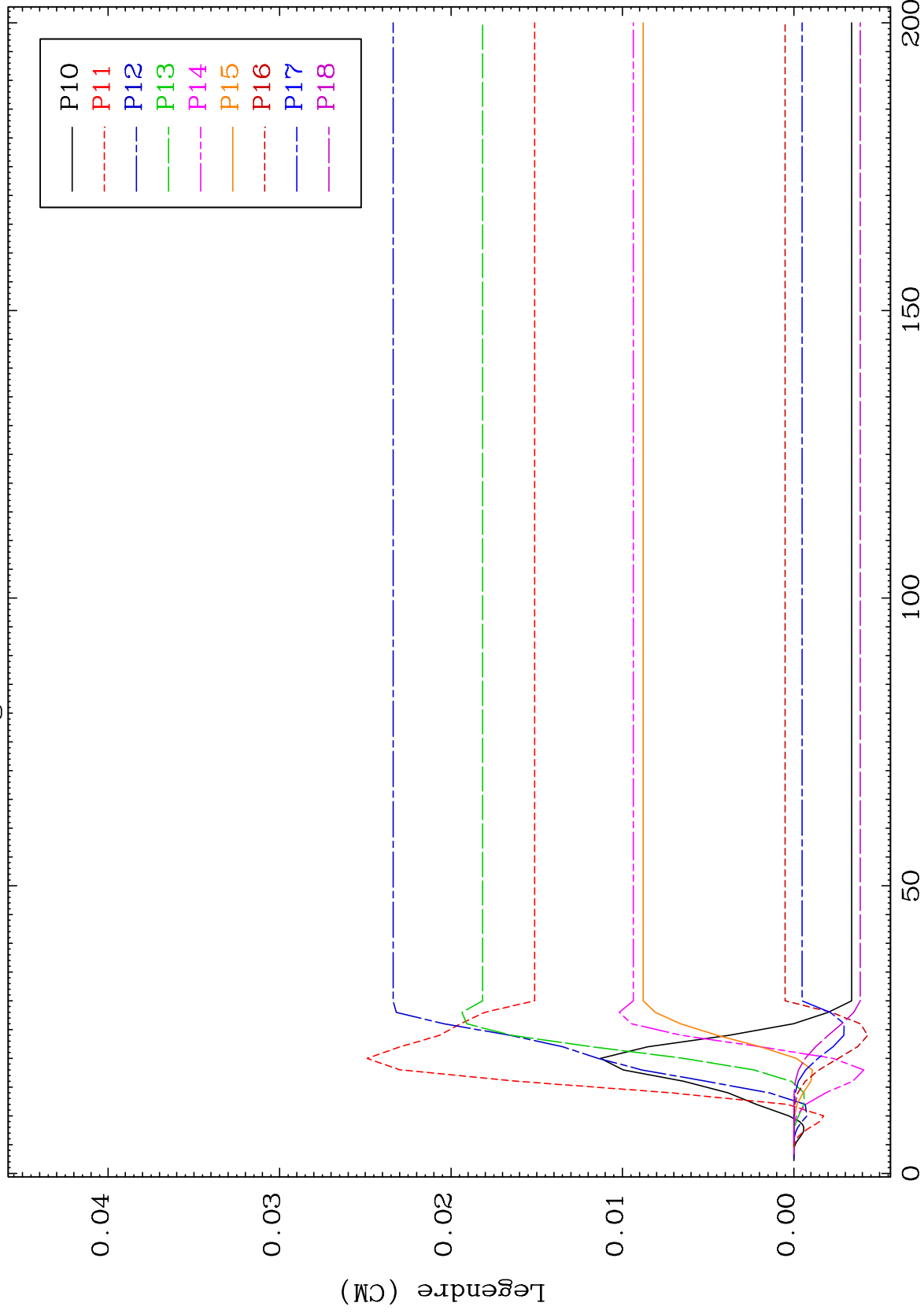
Incident Energy (MeV)

63

MAT 5437

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

54-Xe-128



64

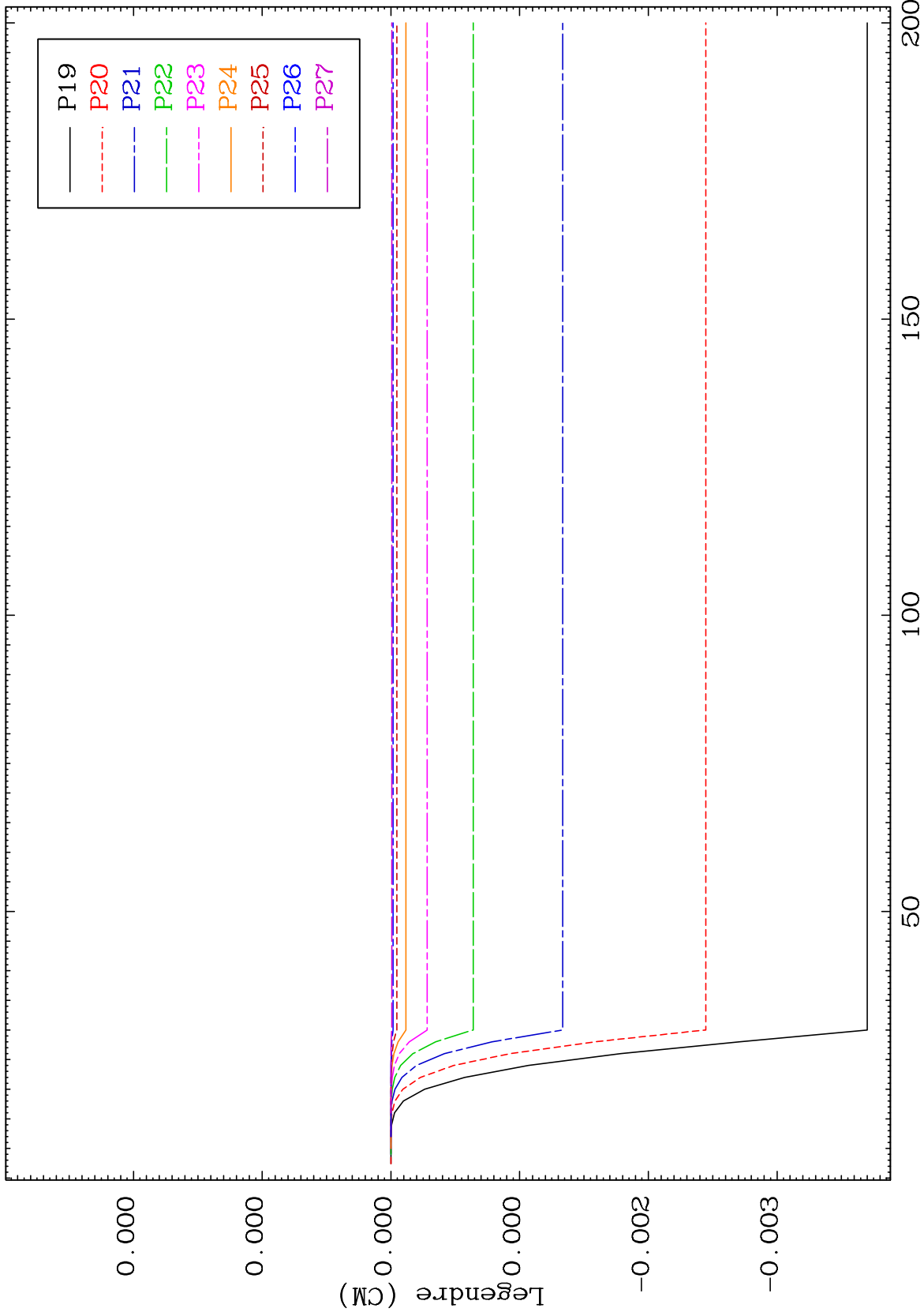
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



65

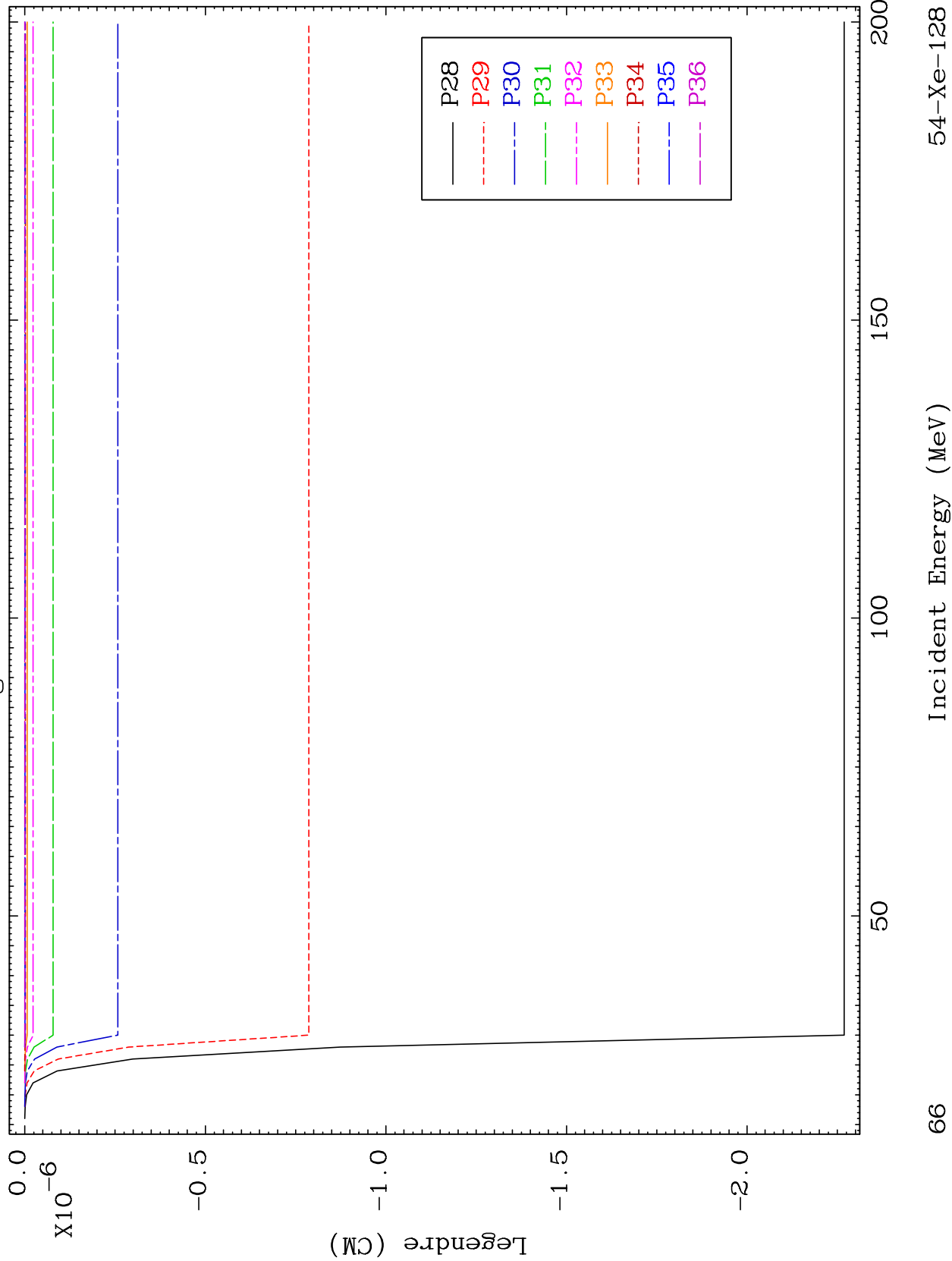
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



66

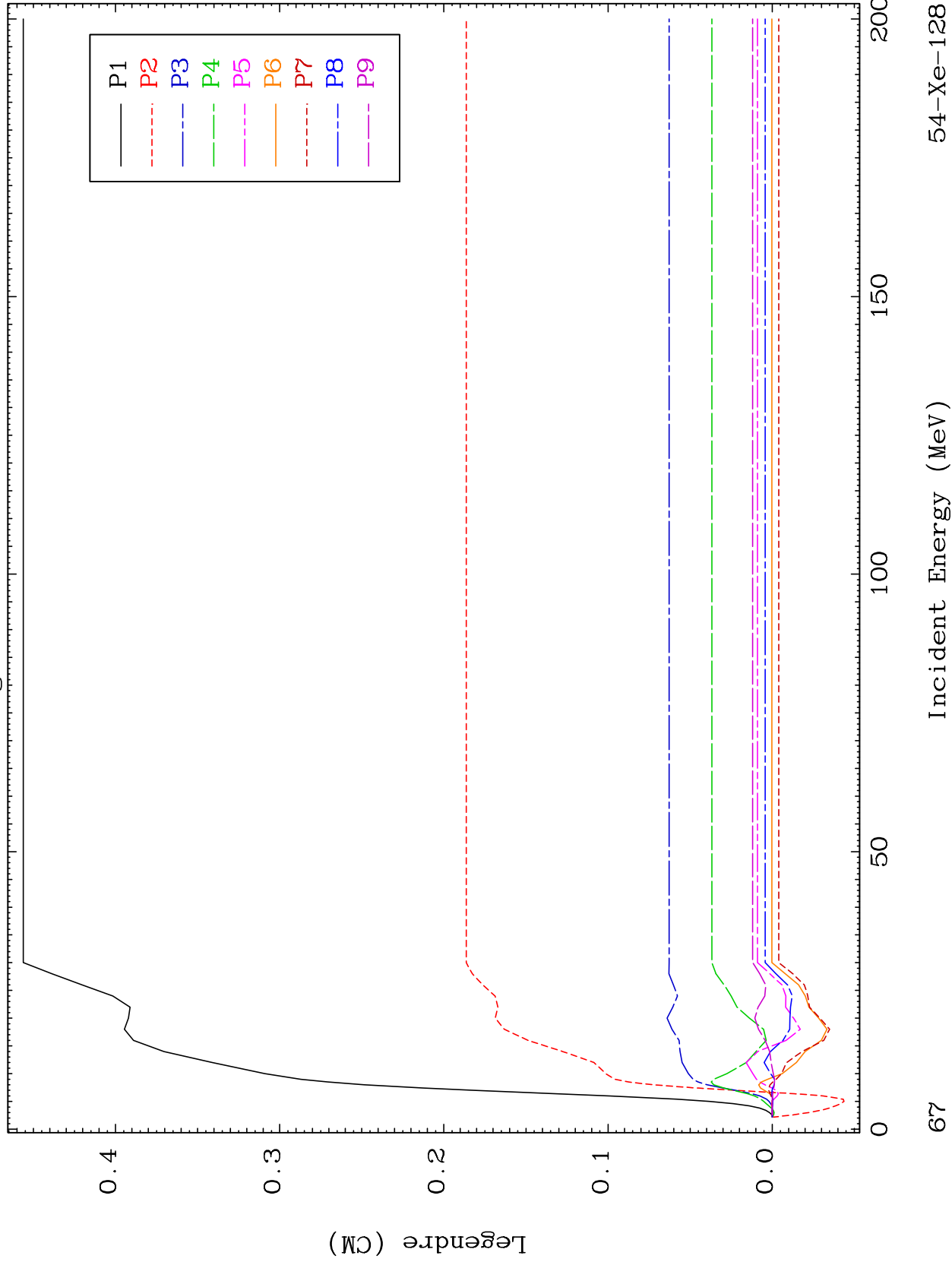
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

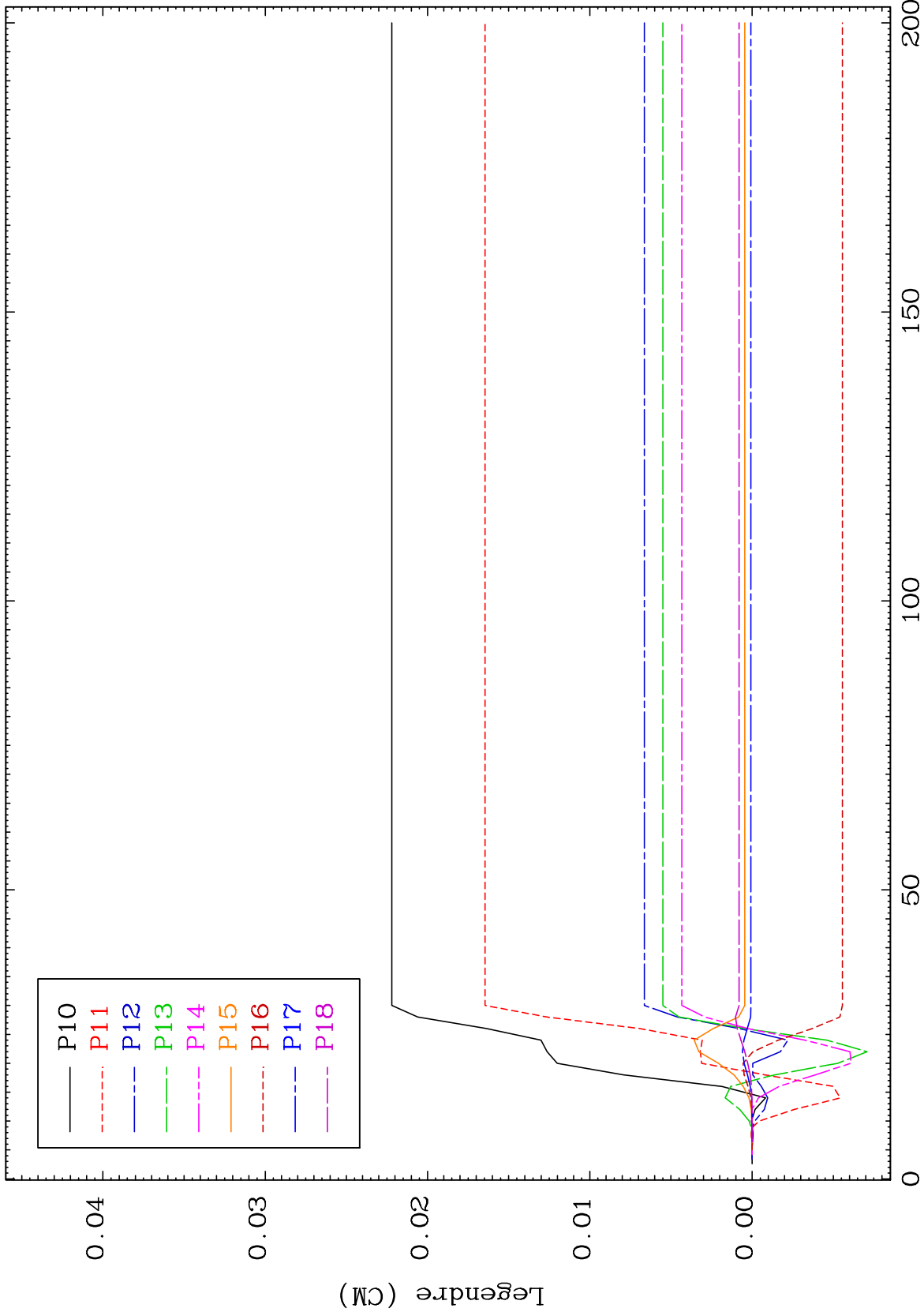
Incident Energy (MeV)

67

MAT 5437

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

54-Xe-128



68

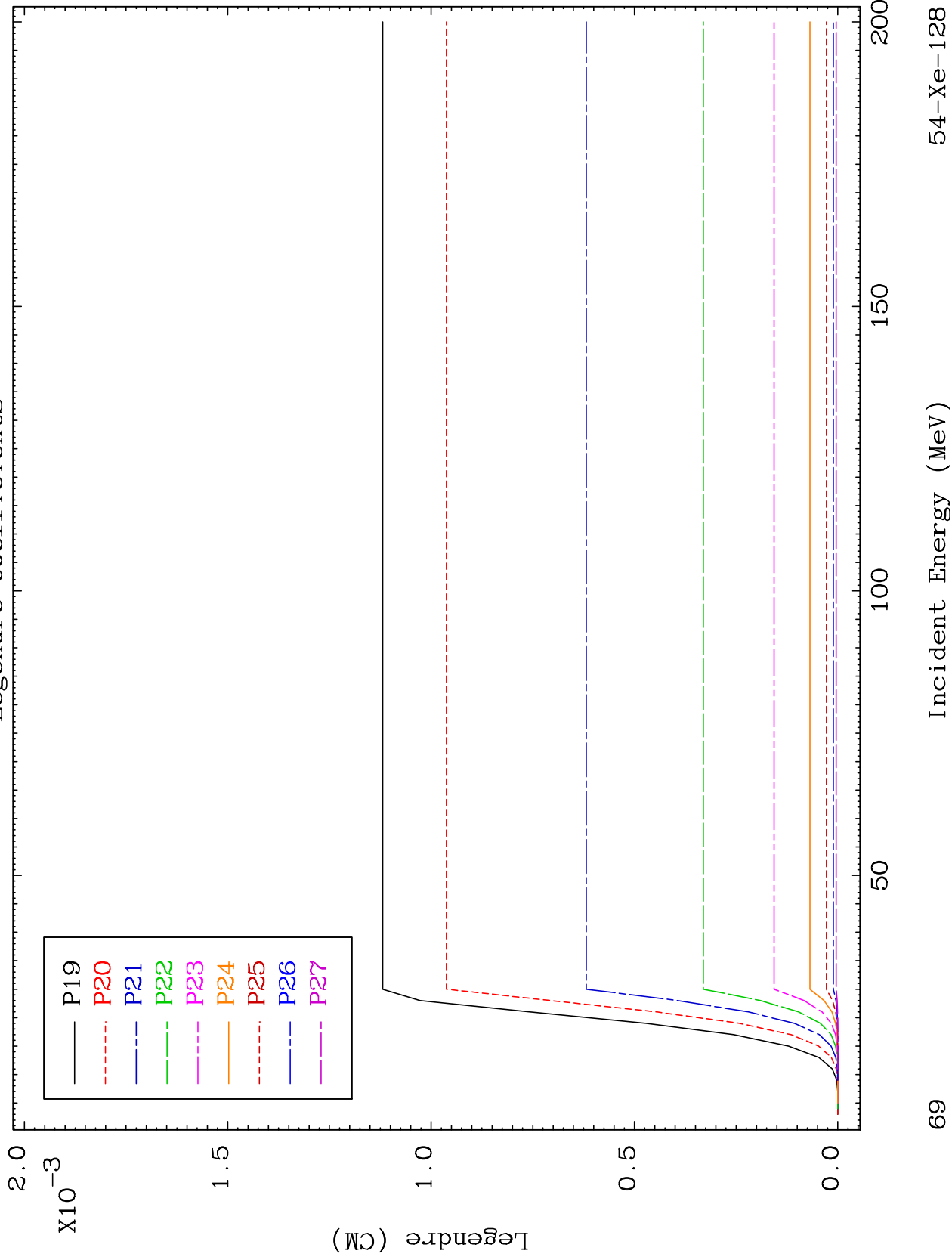
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

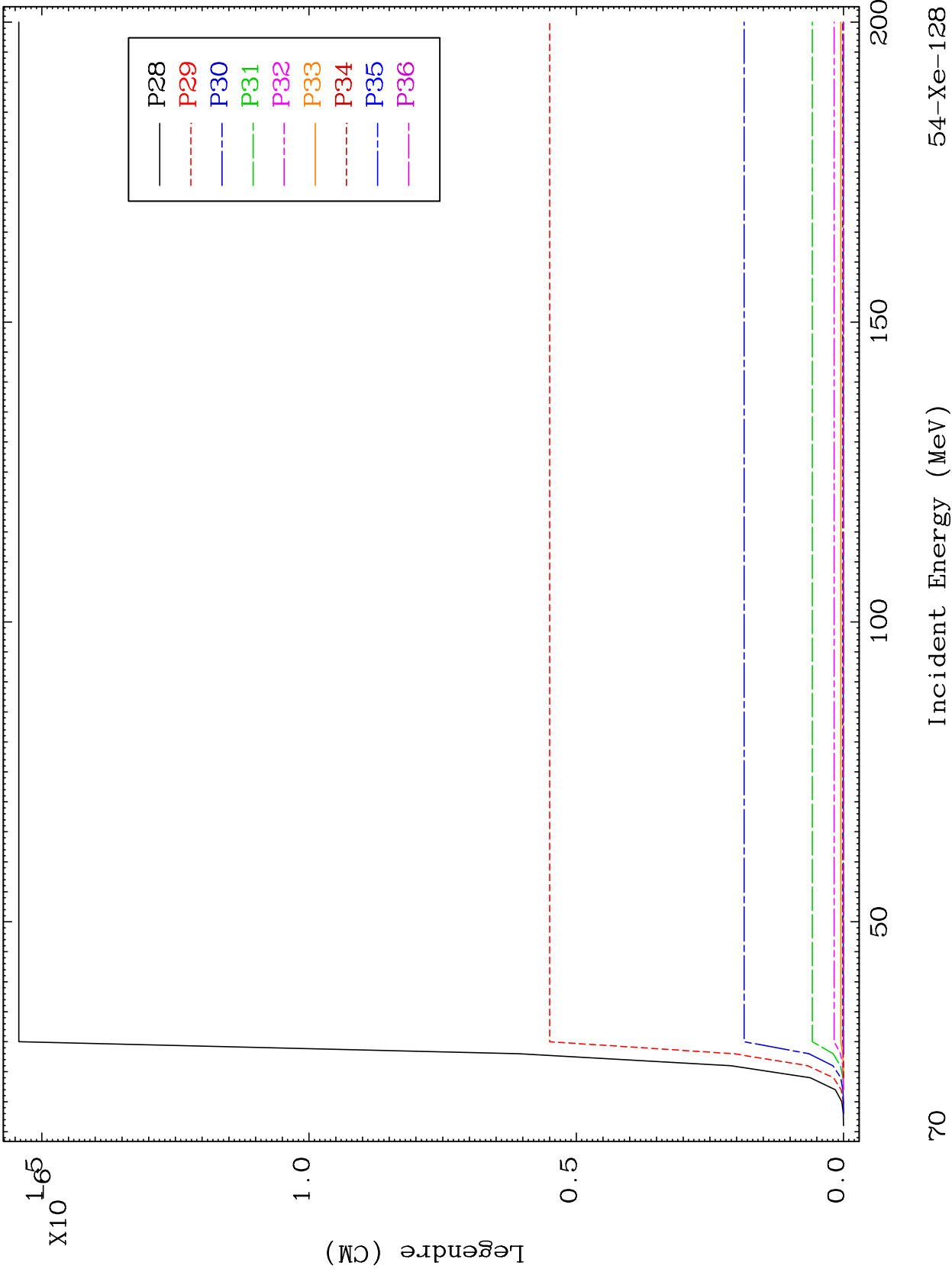
54-Xe-128



MAT 5437

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

54-Xe-128



70

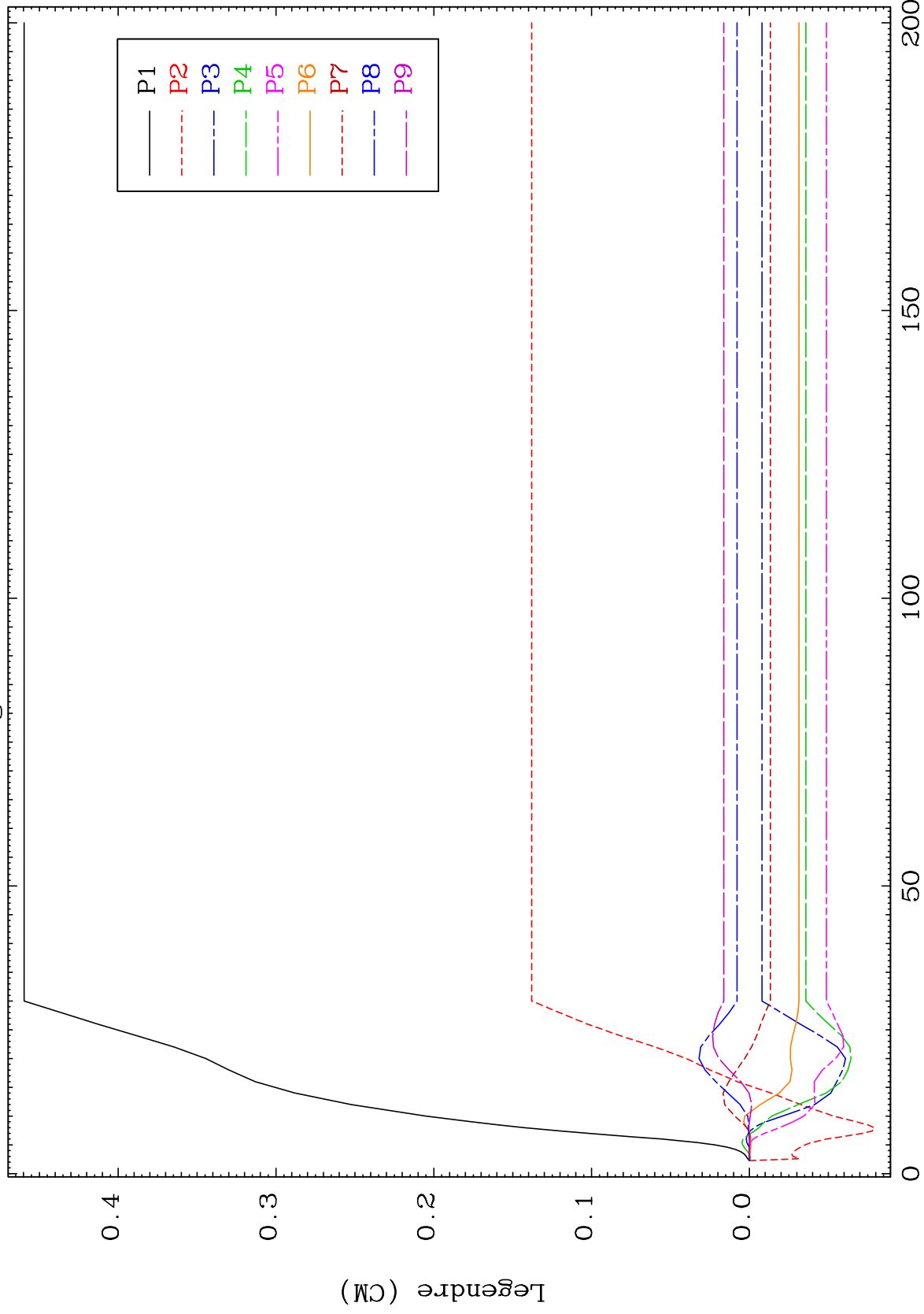
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



71

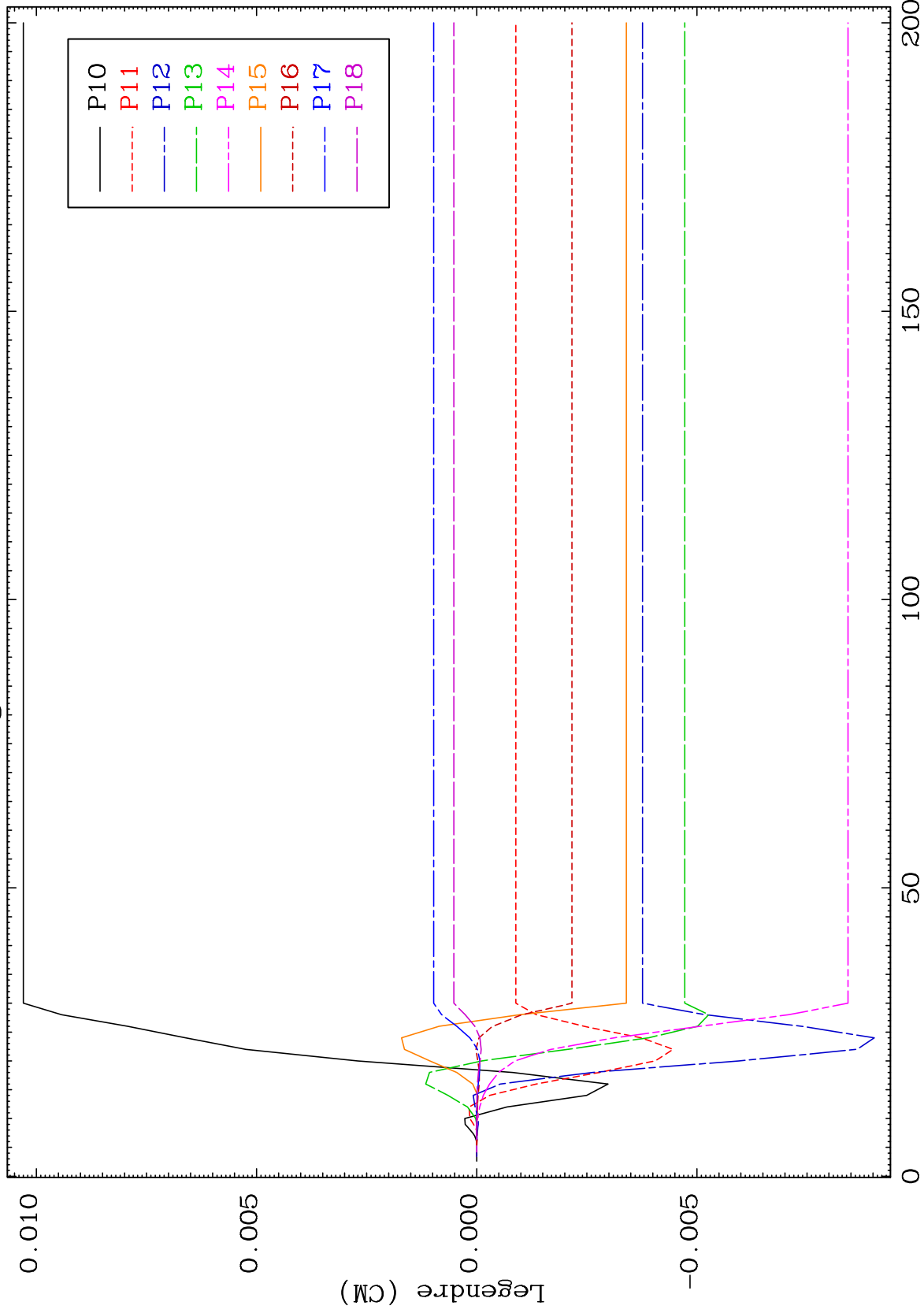
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



72

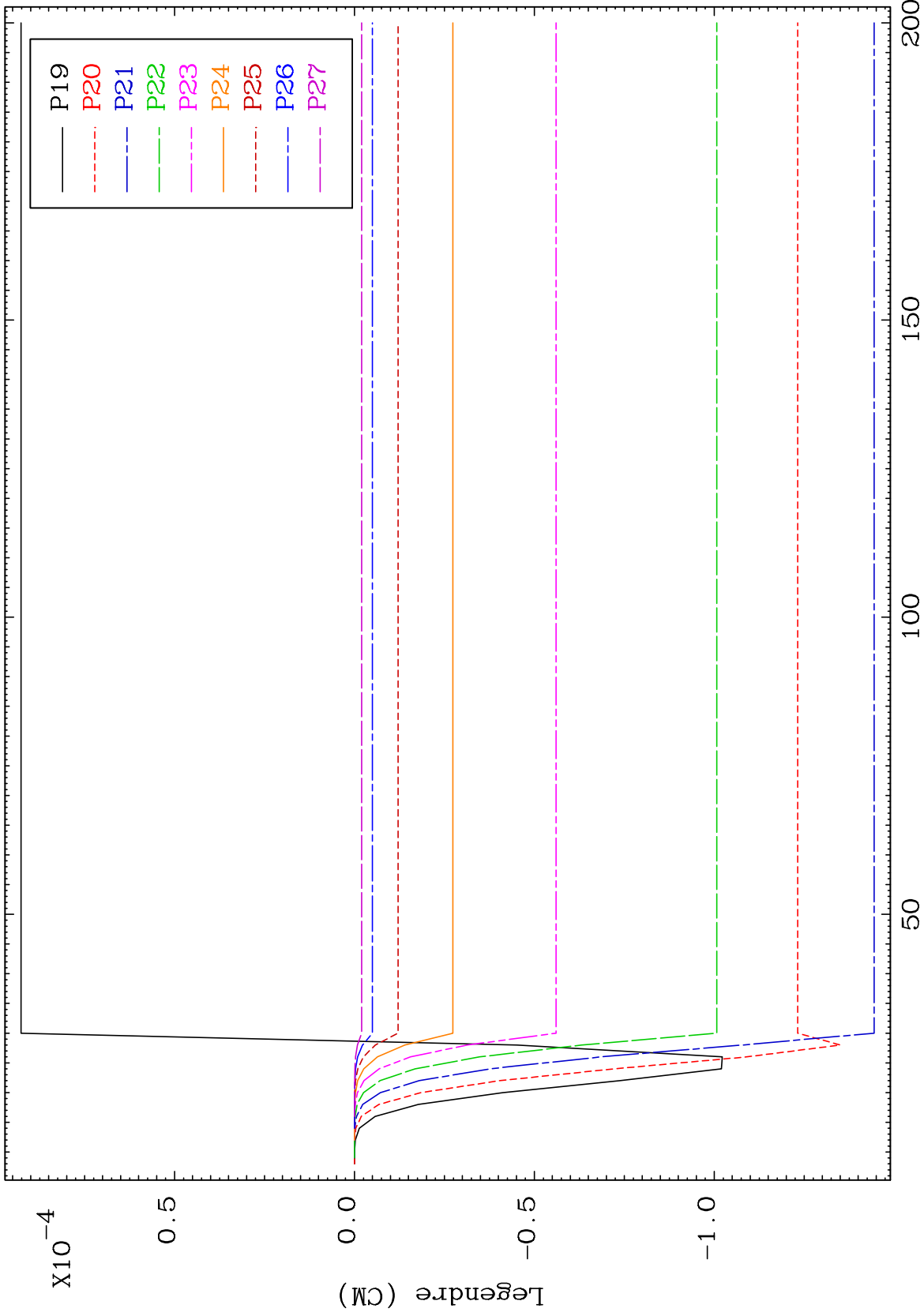
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



73

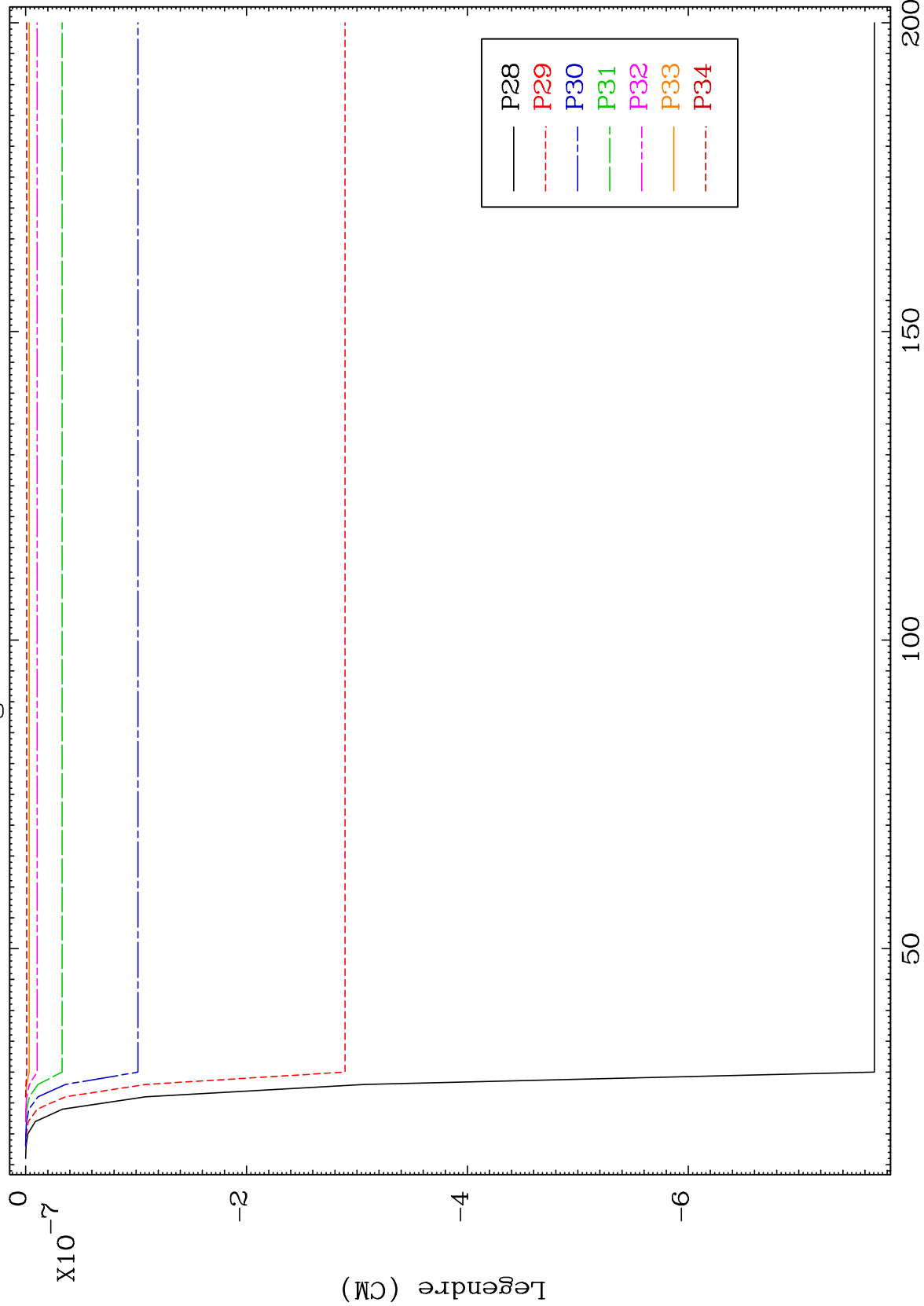
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



74

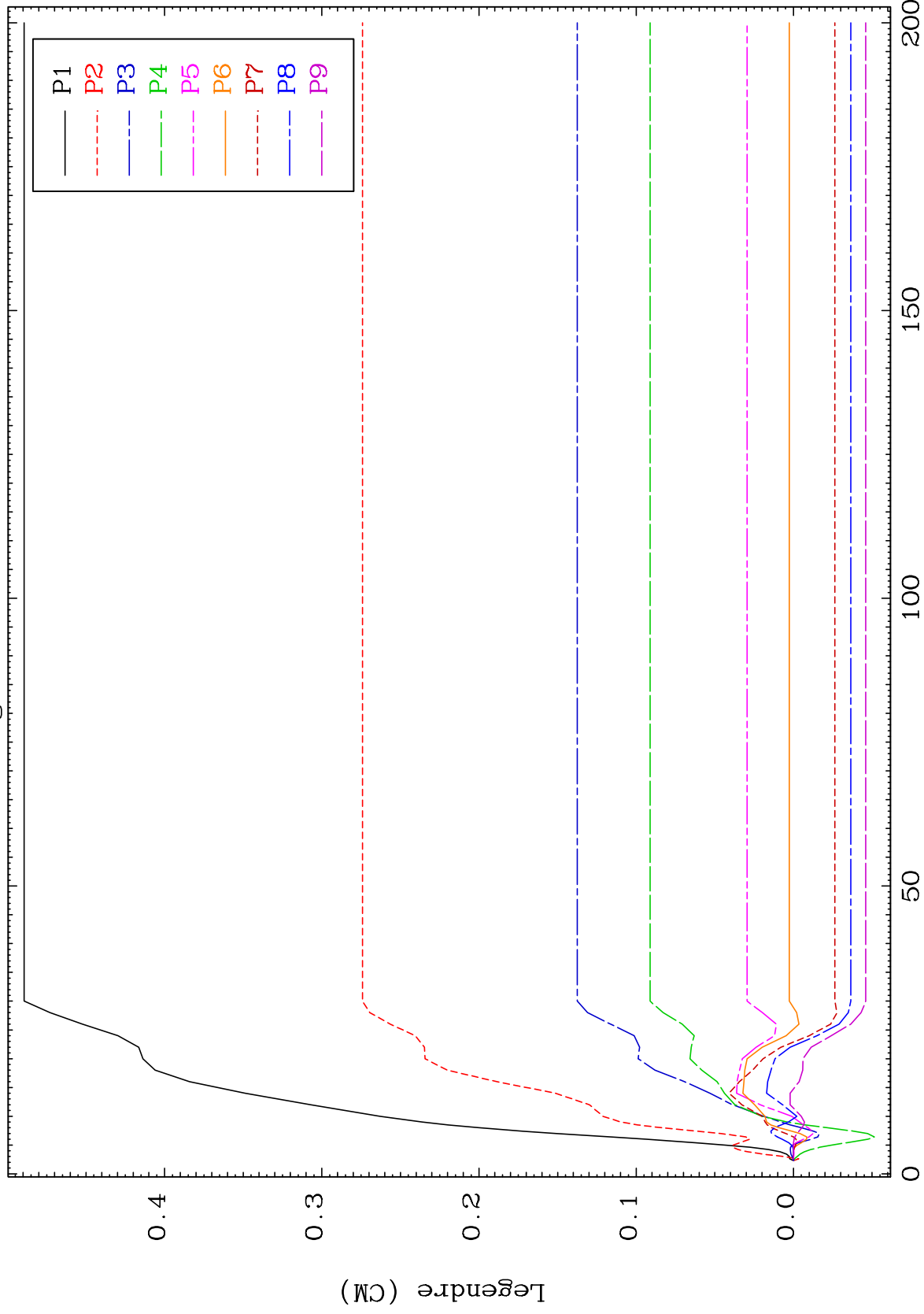
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



75

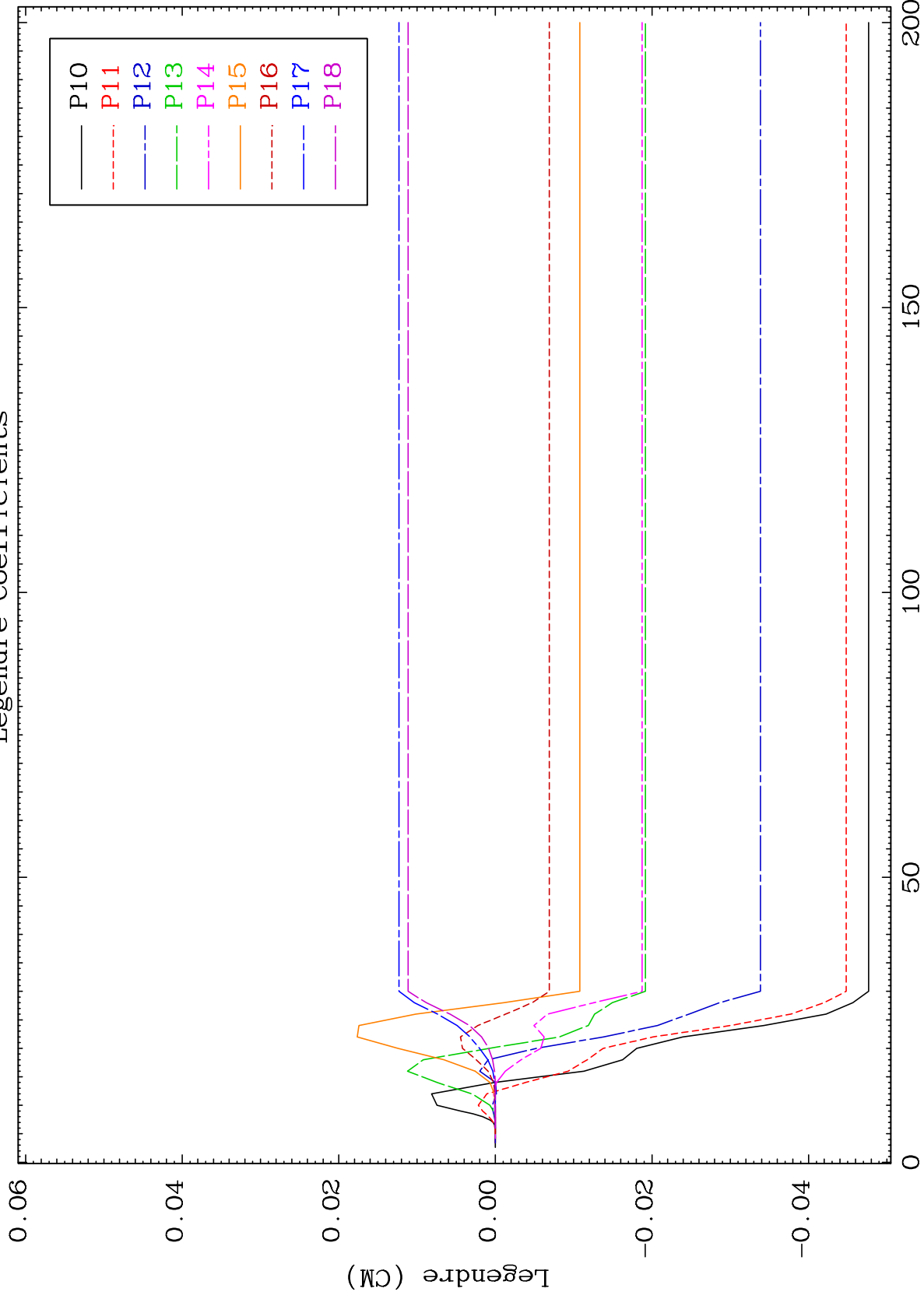
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



76

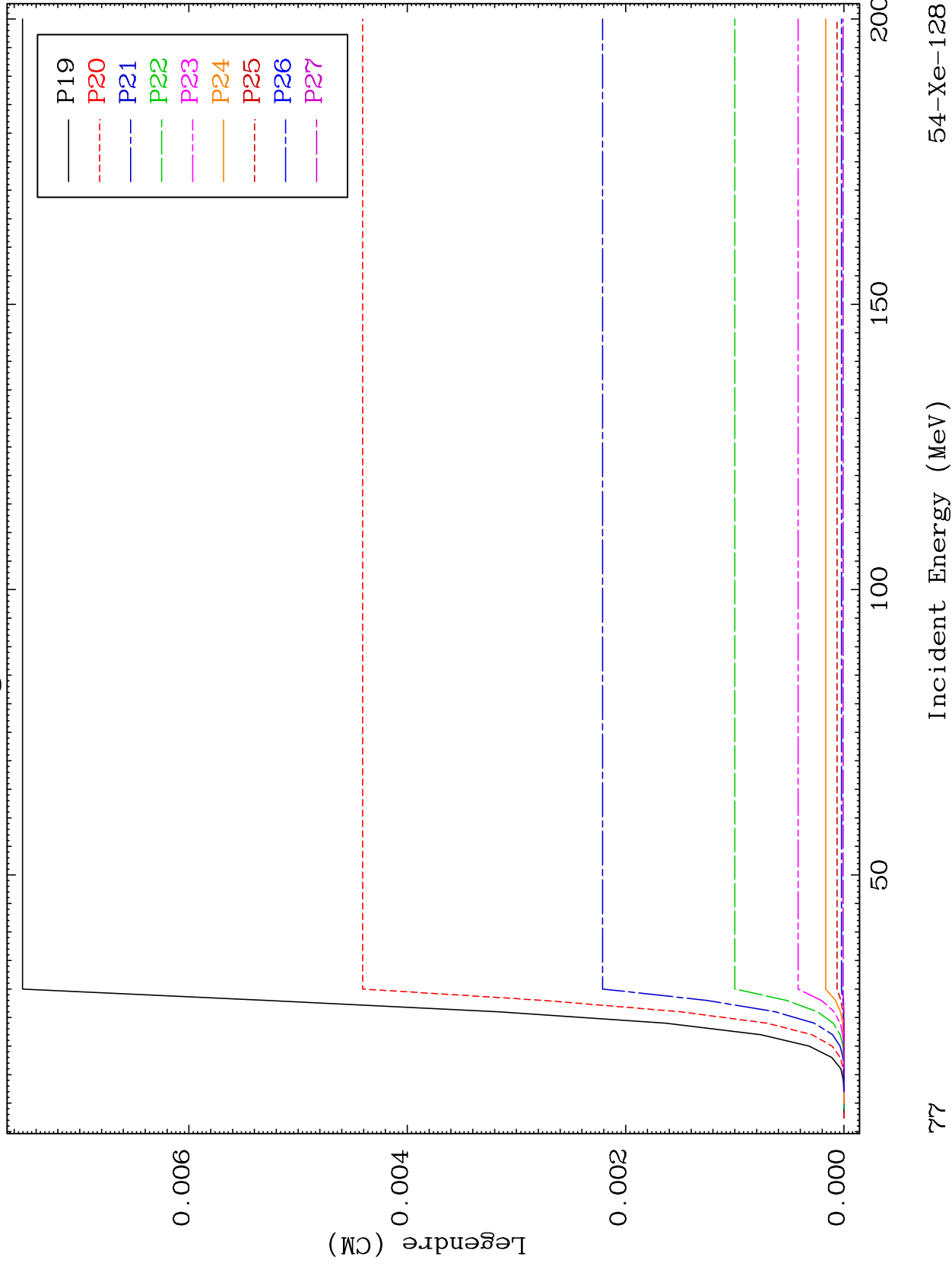
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



77

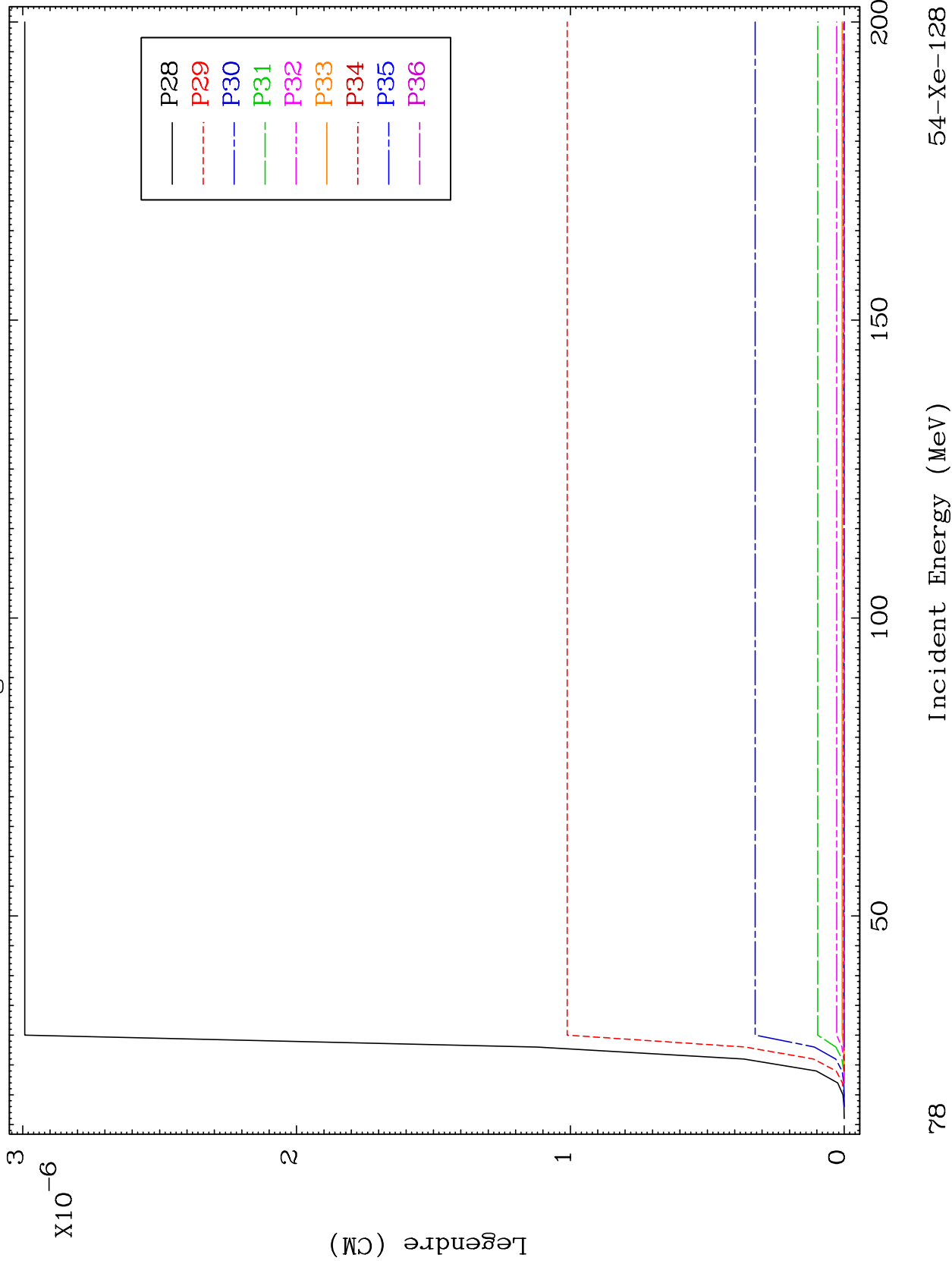
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



78

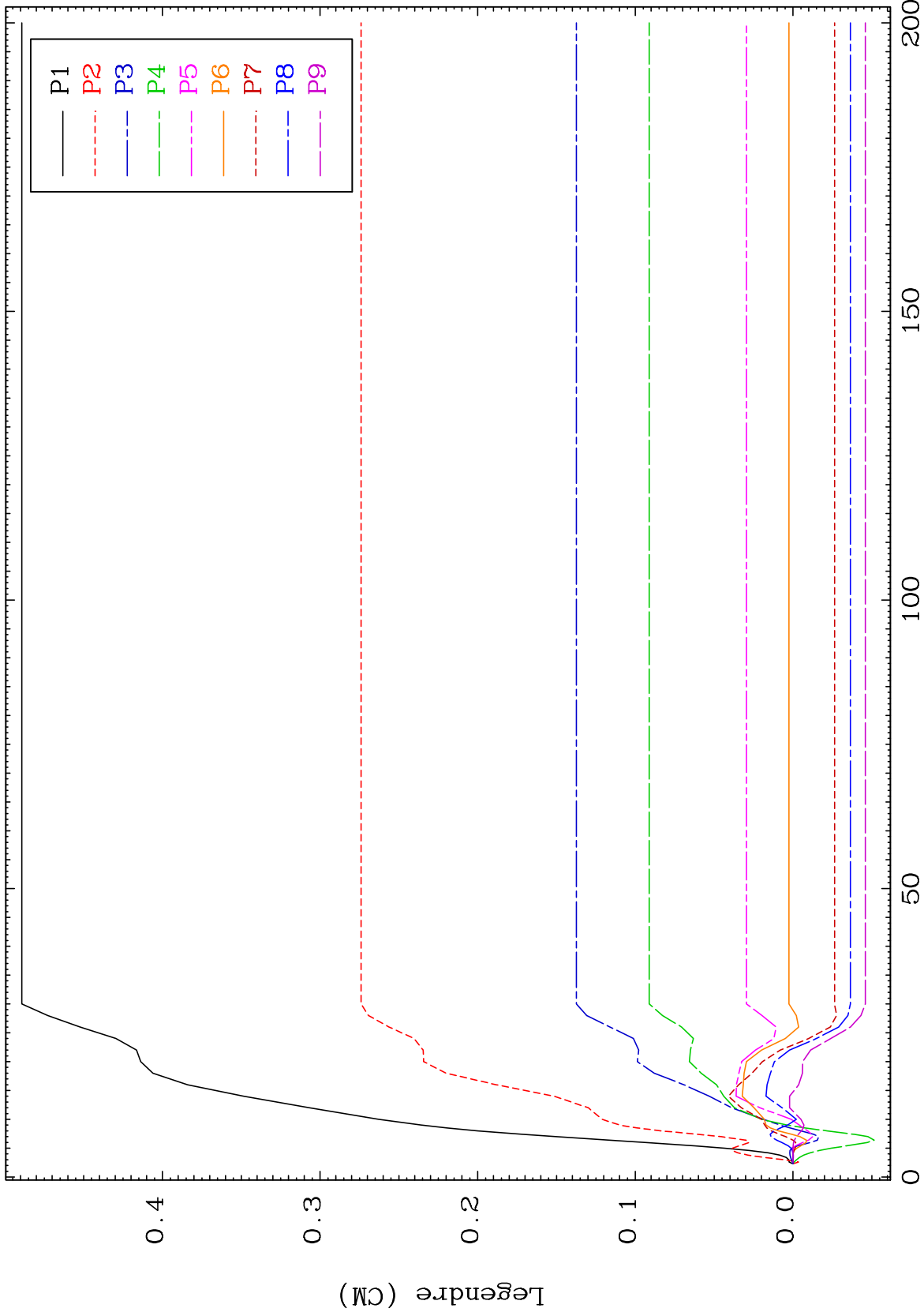
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



79

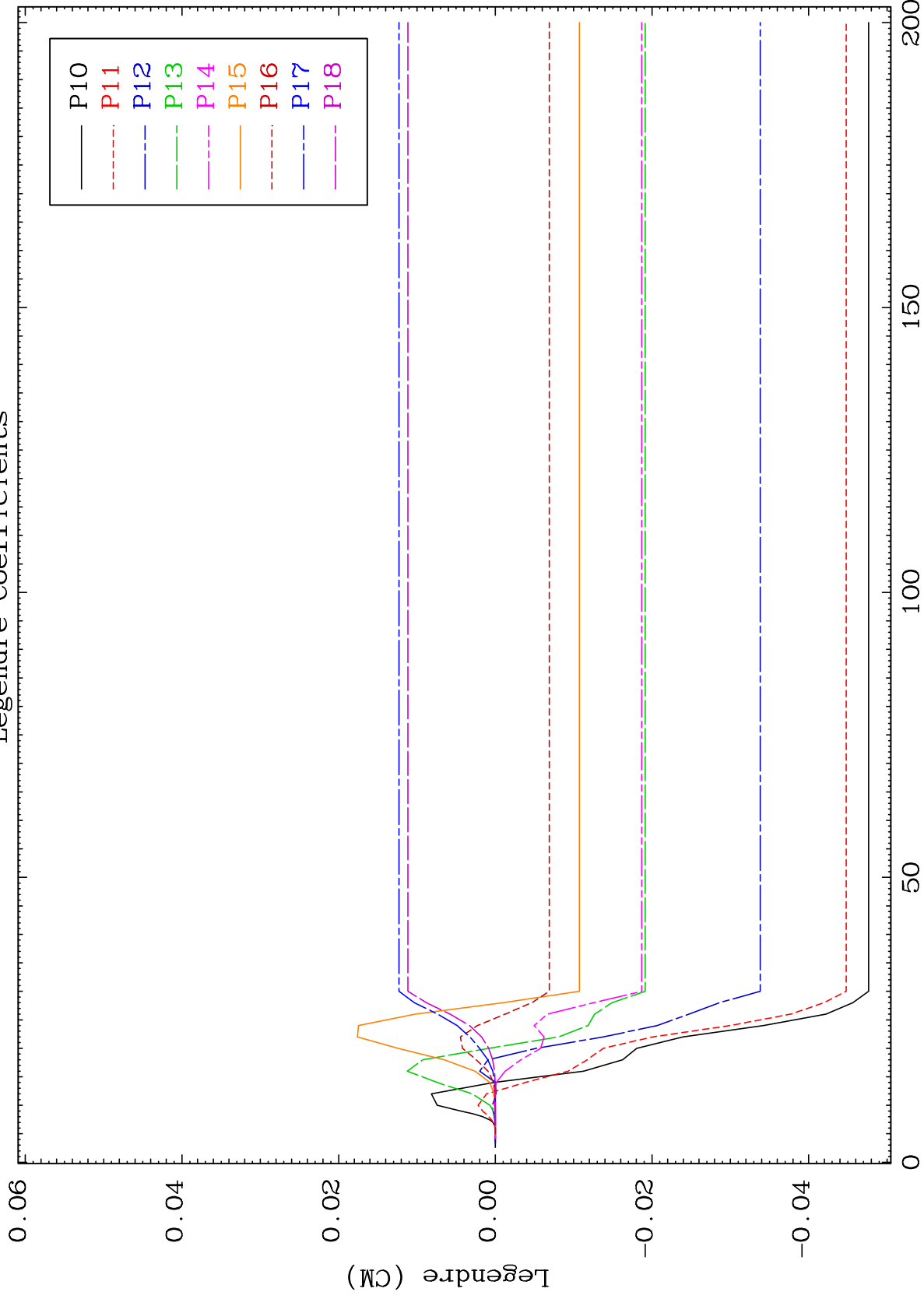
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

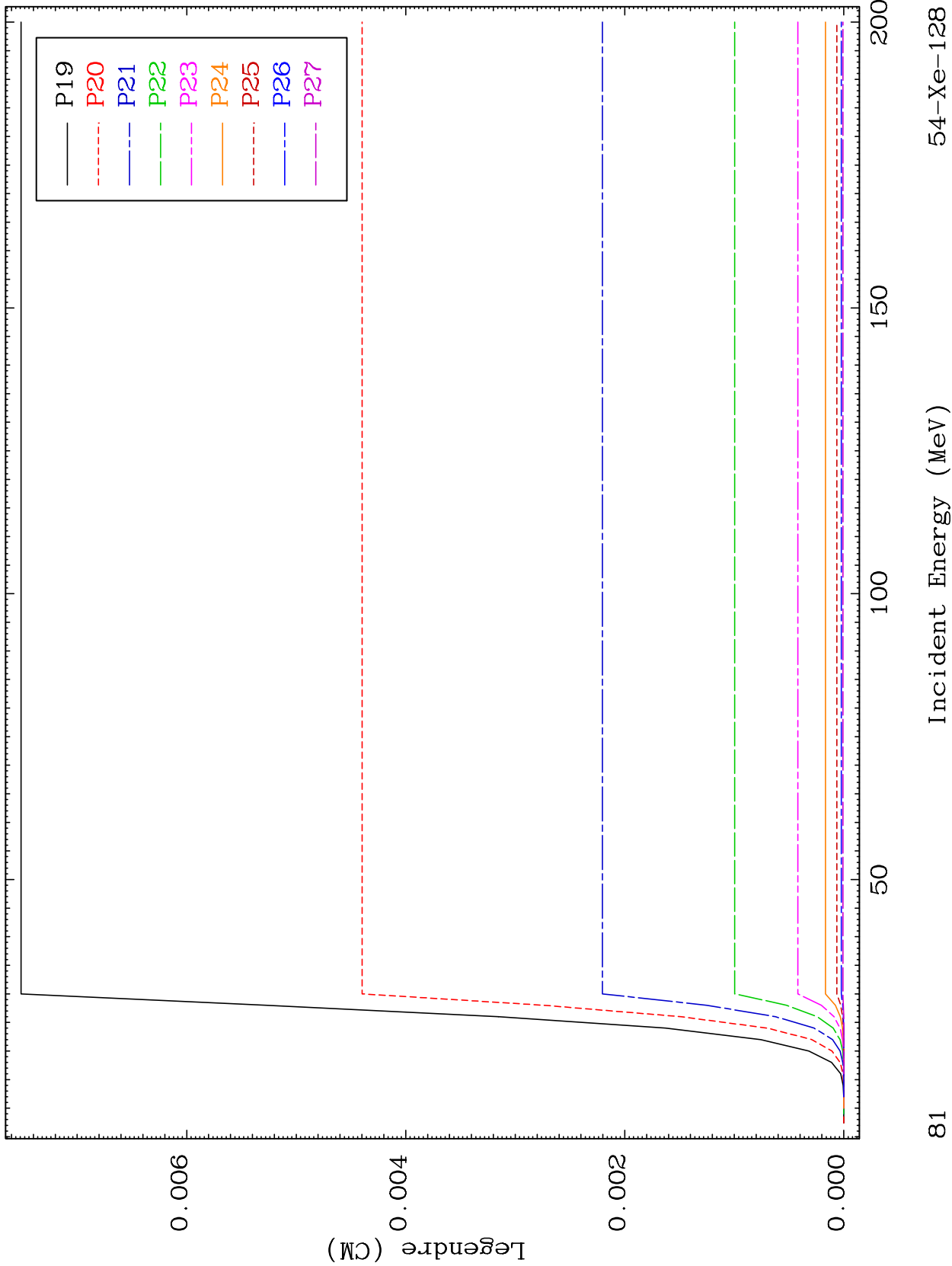
Incident Energy (MeV)

80

MAT 5437

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

54-Xe-128



81

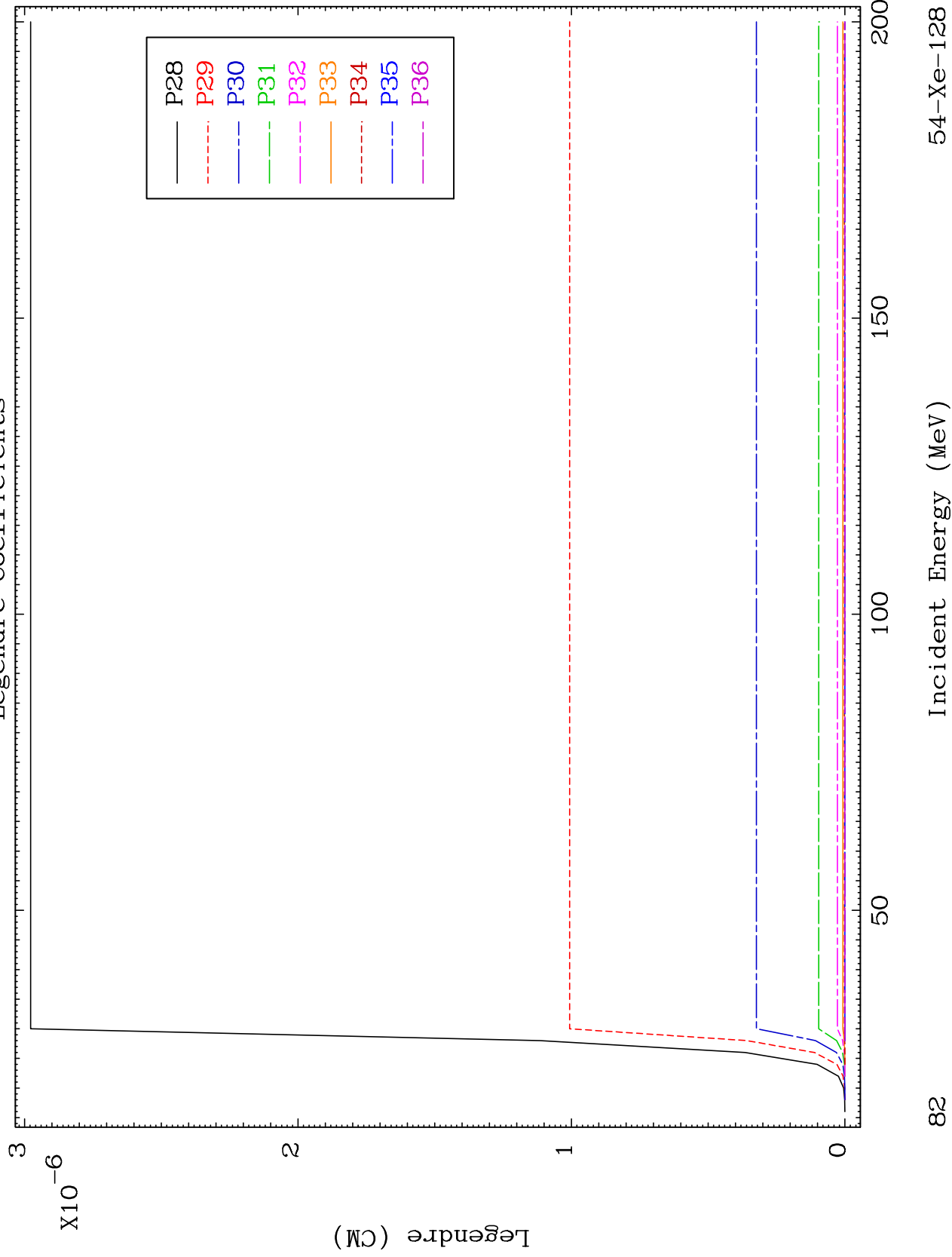
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

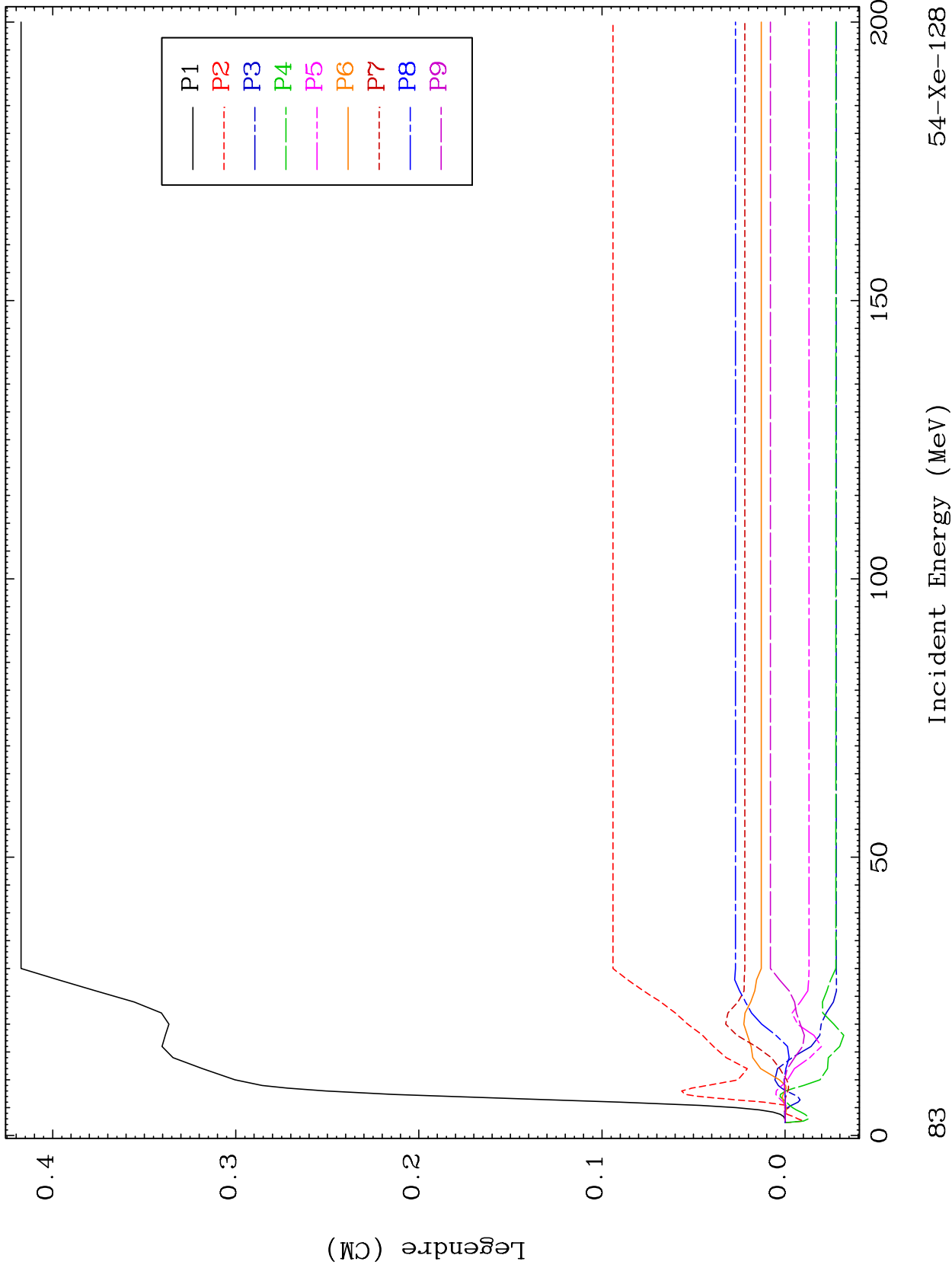
54-Xe-128



MAT 5437

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

54-Xe-128



83

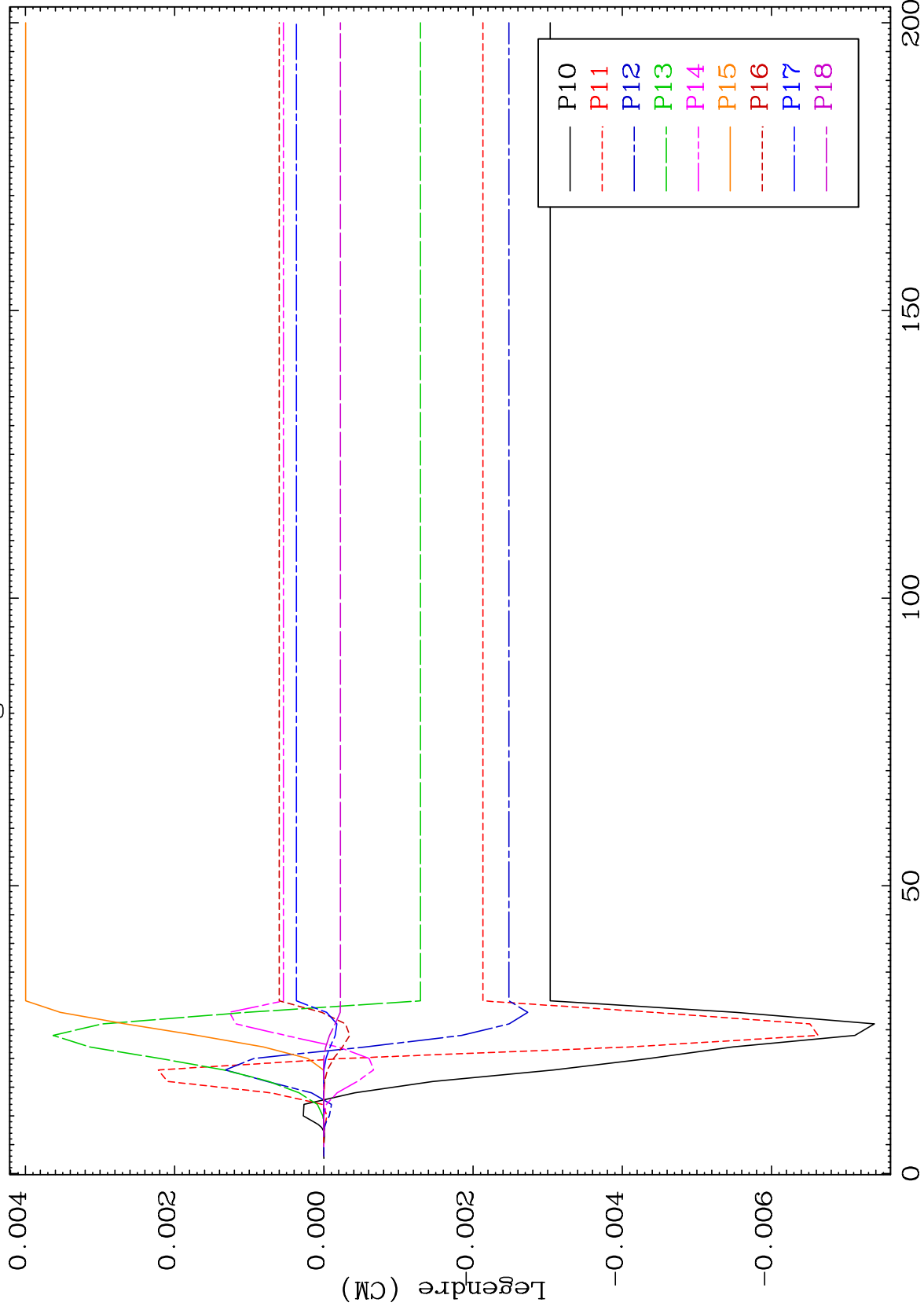
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



84

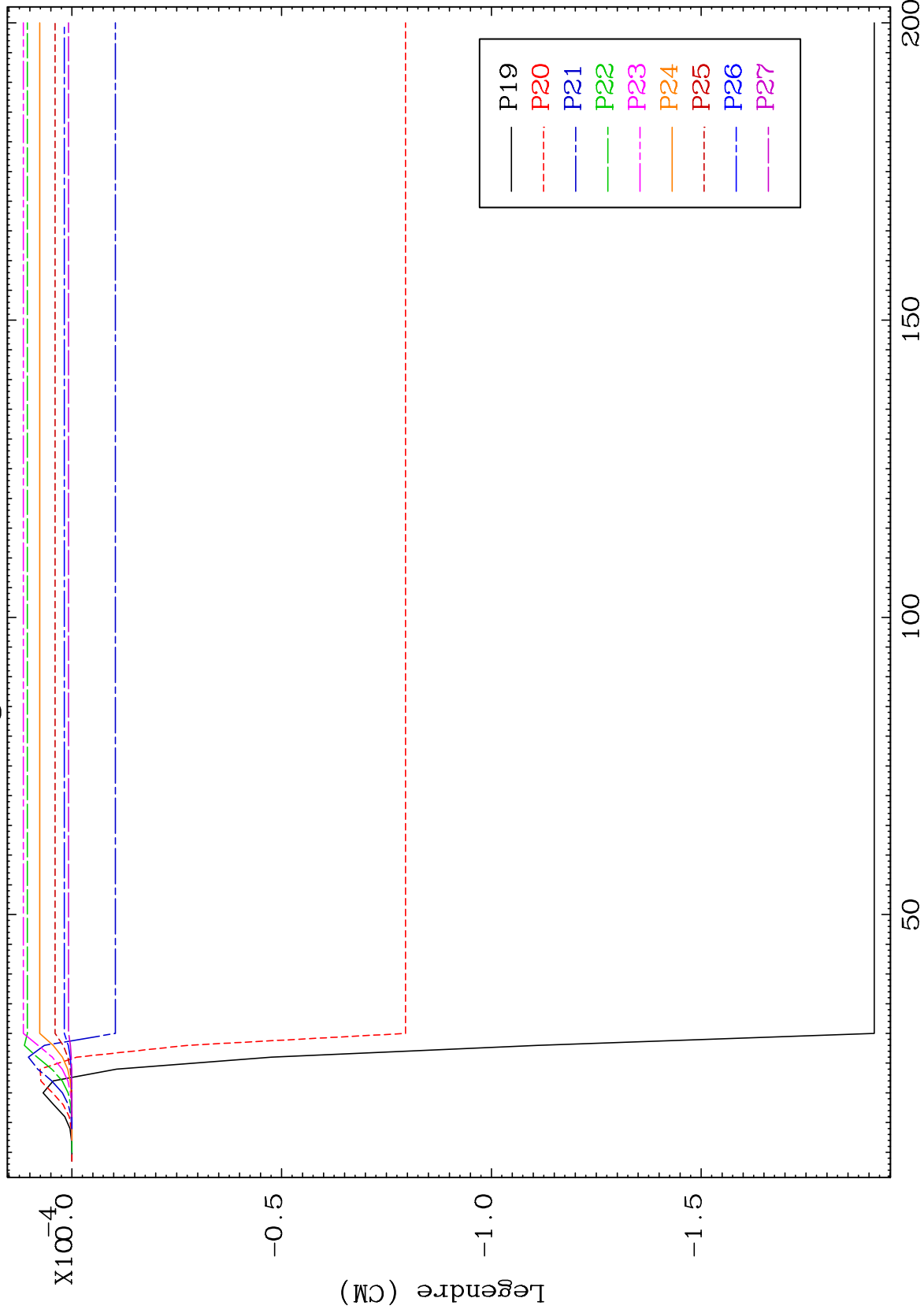
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



85

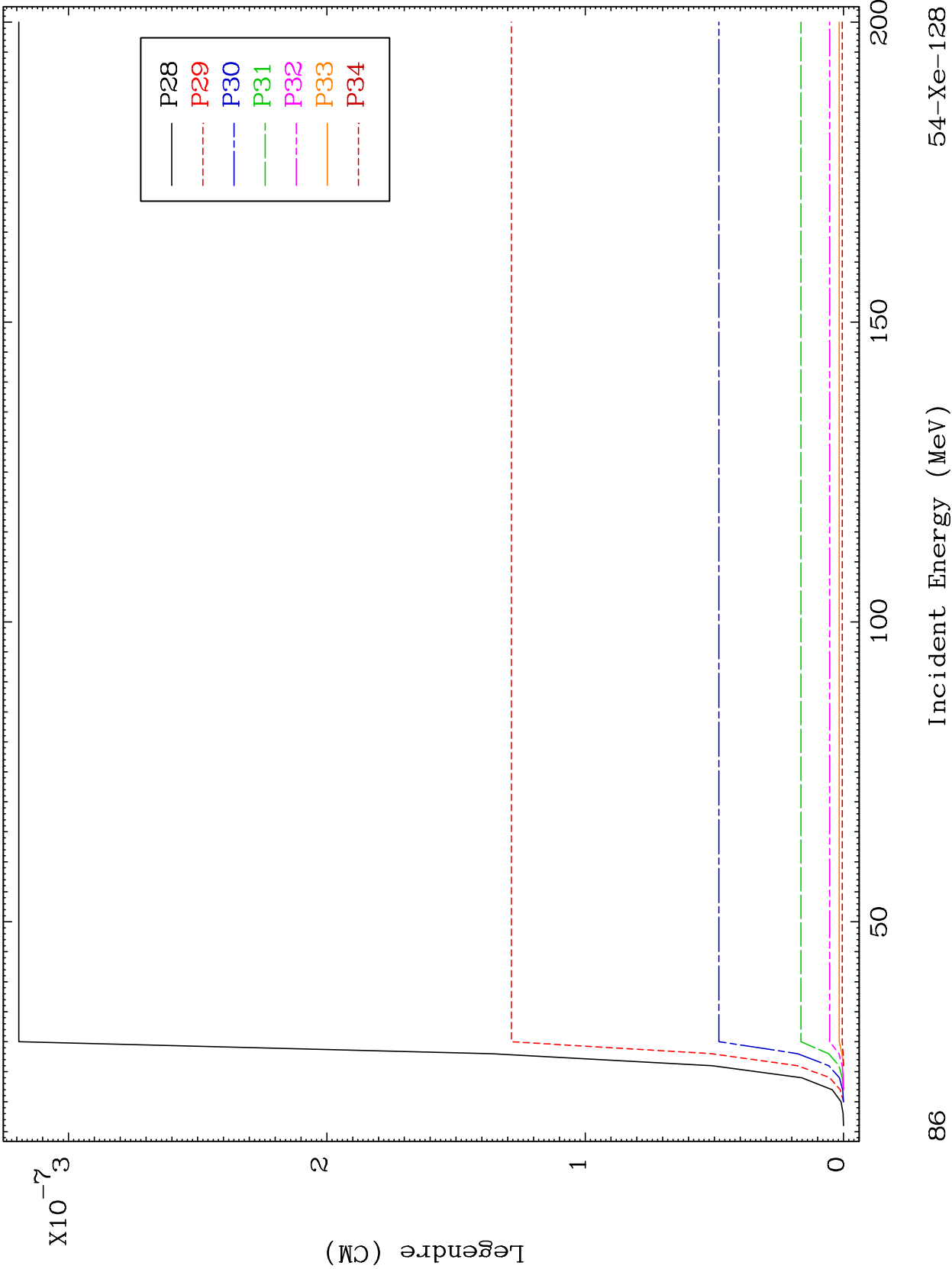
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



86

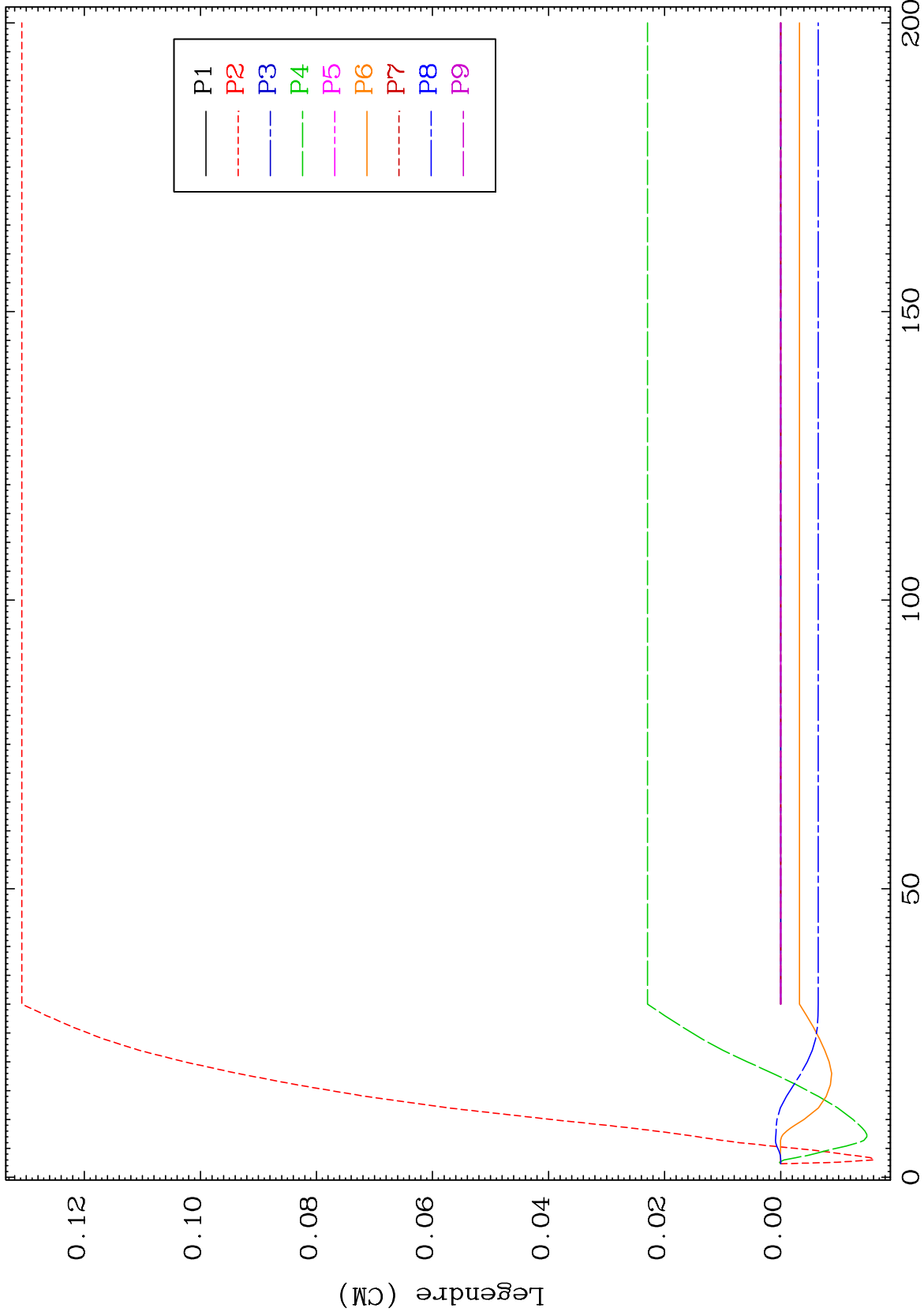
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



87

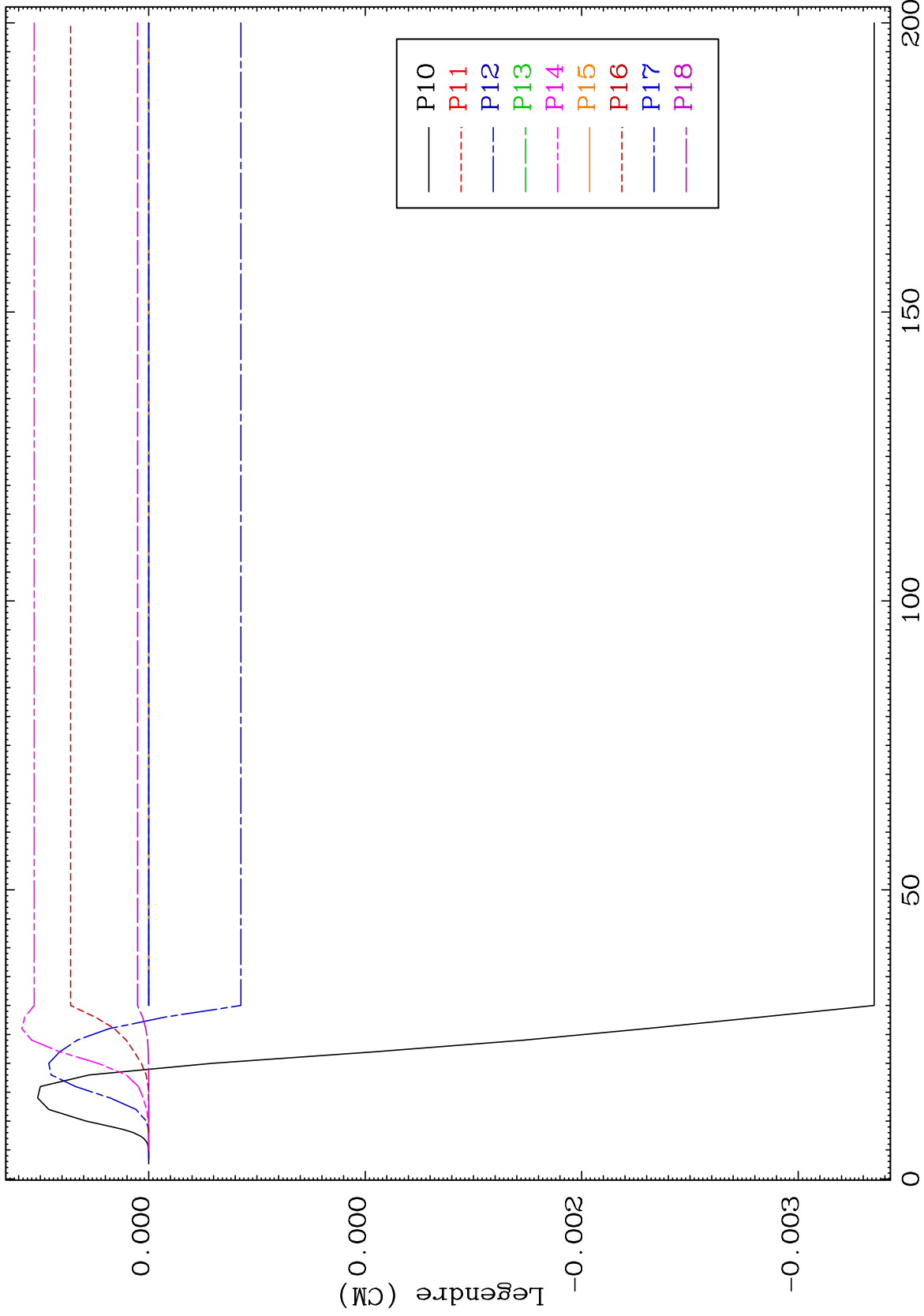
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



88

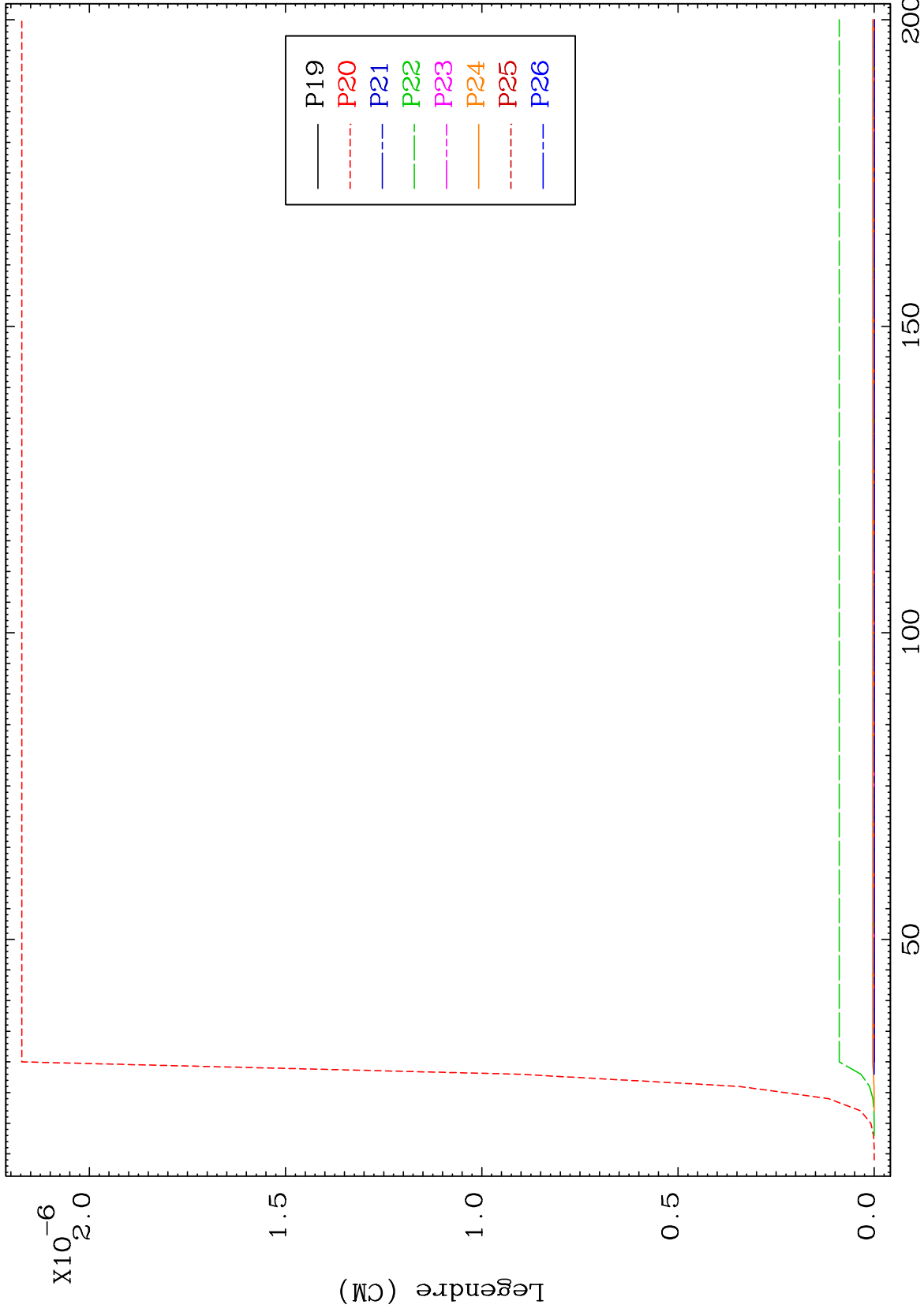
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



89

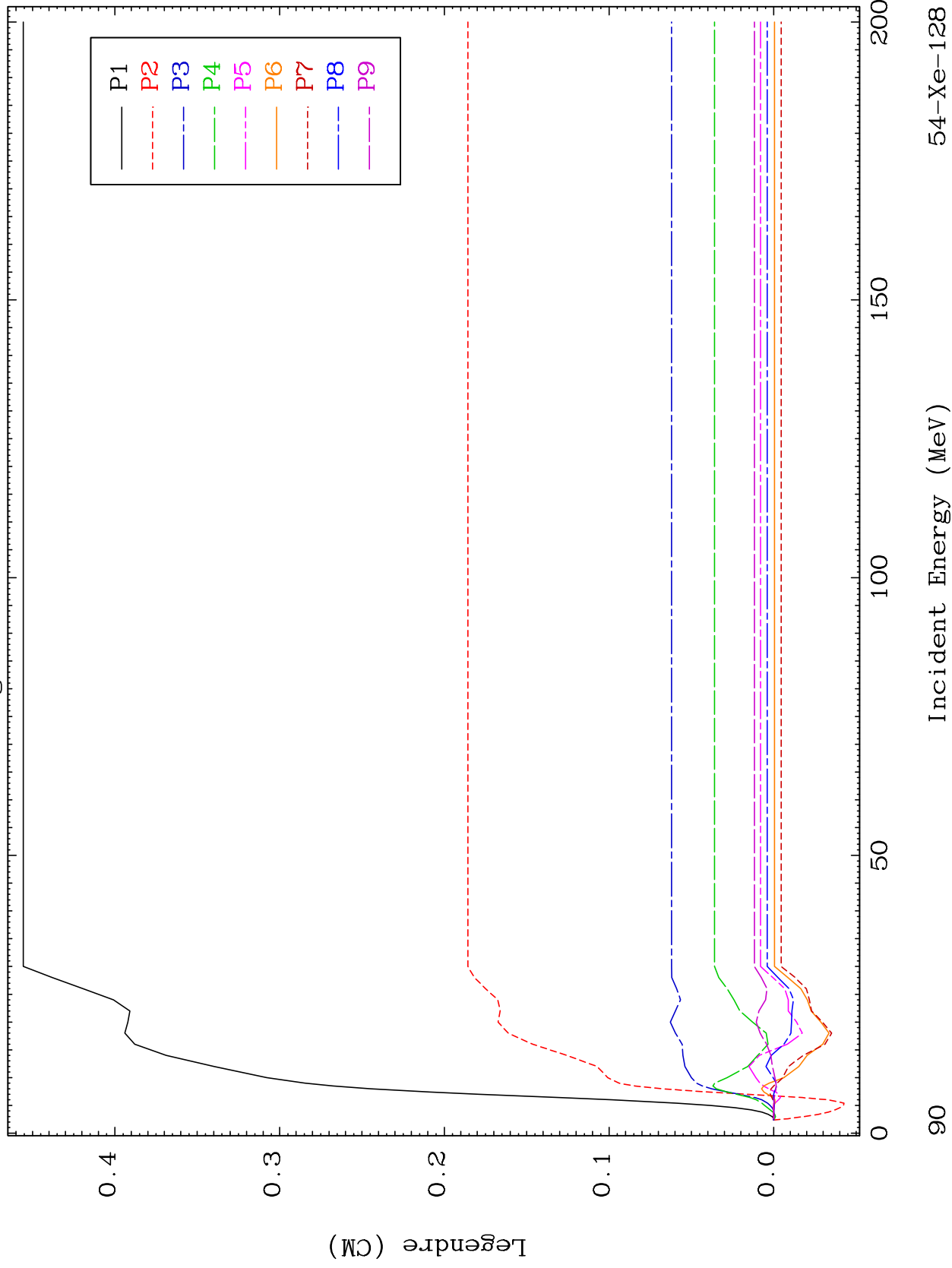
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

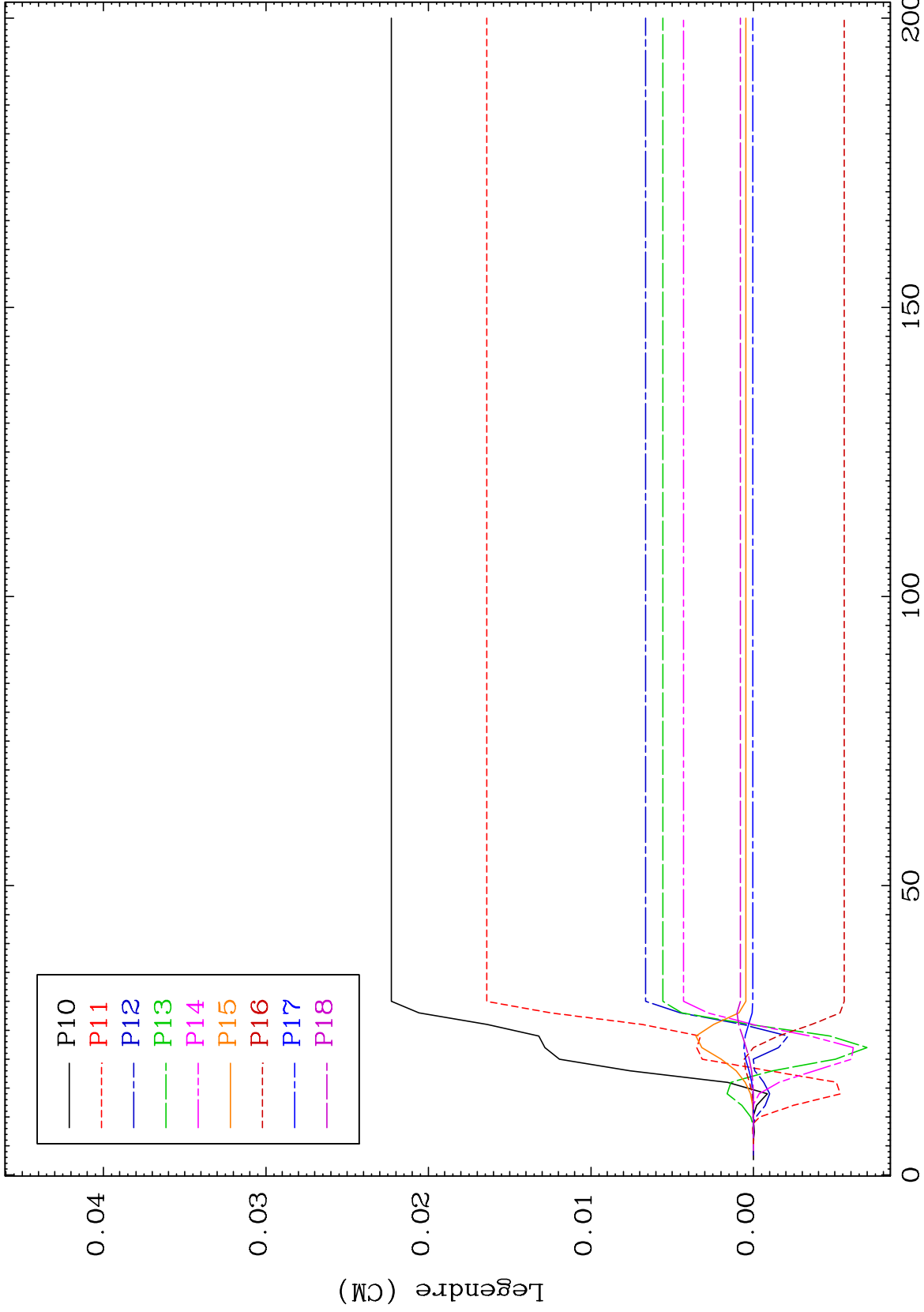
Incident Energy (MeV)

90

MAT 5437

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

54-Xe-128



91

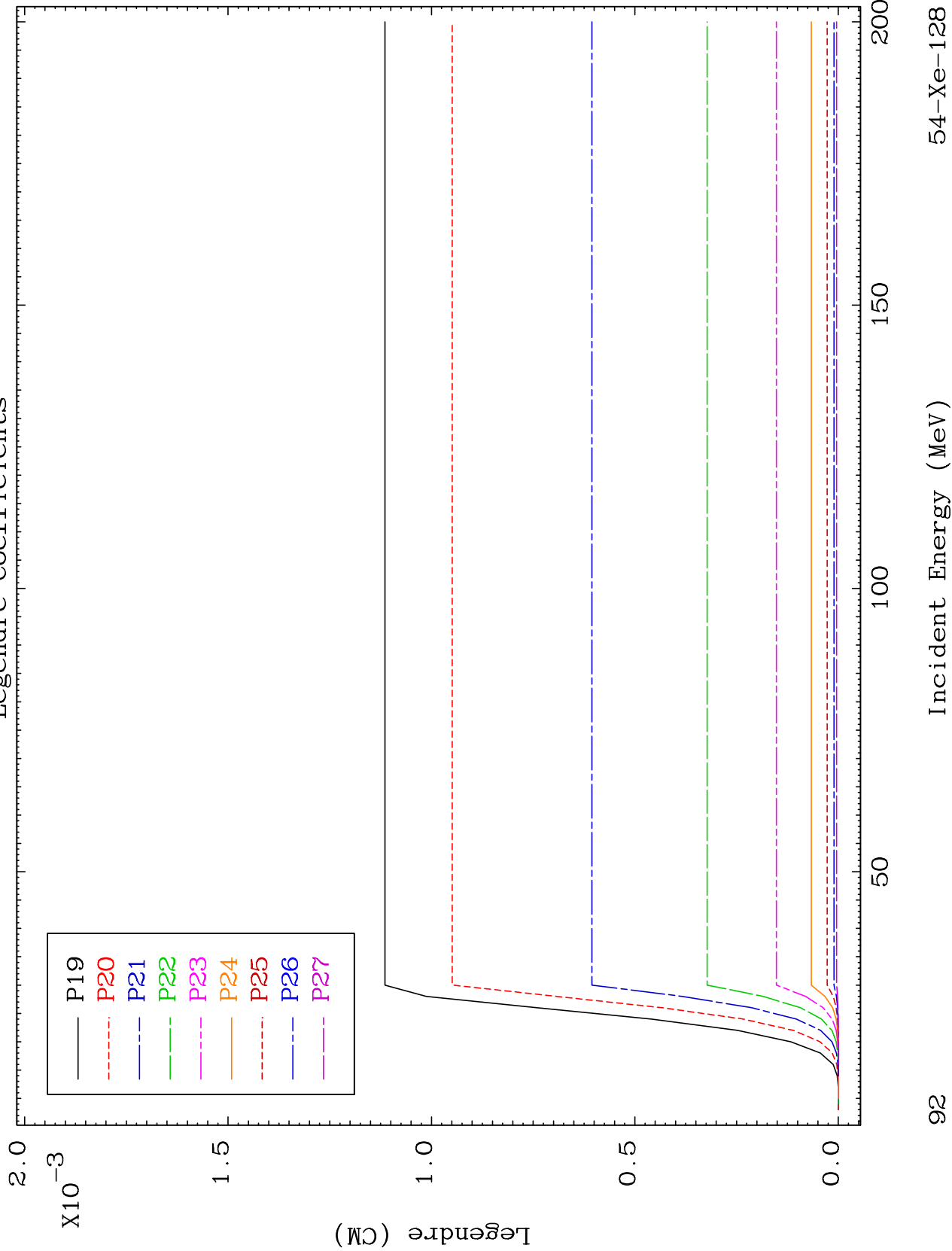
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128

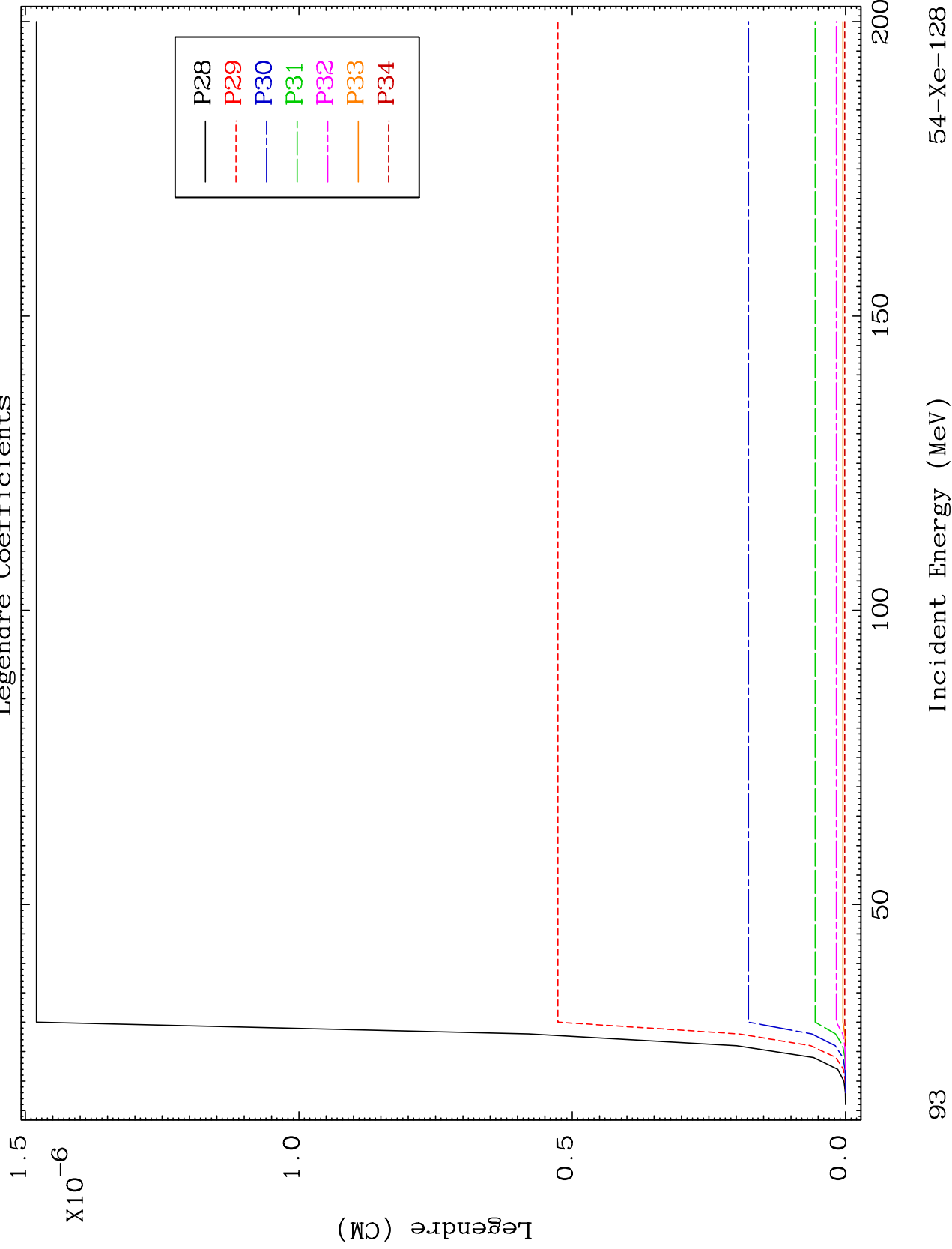


92

MAT 5437

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

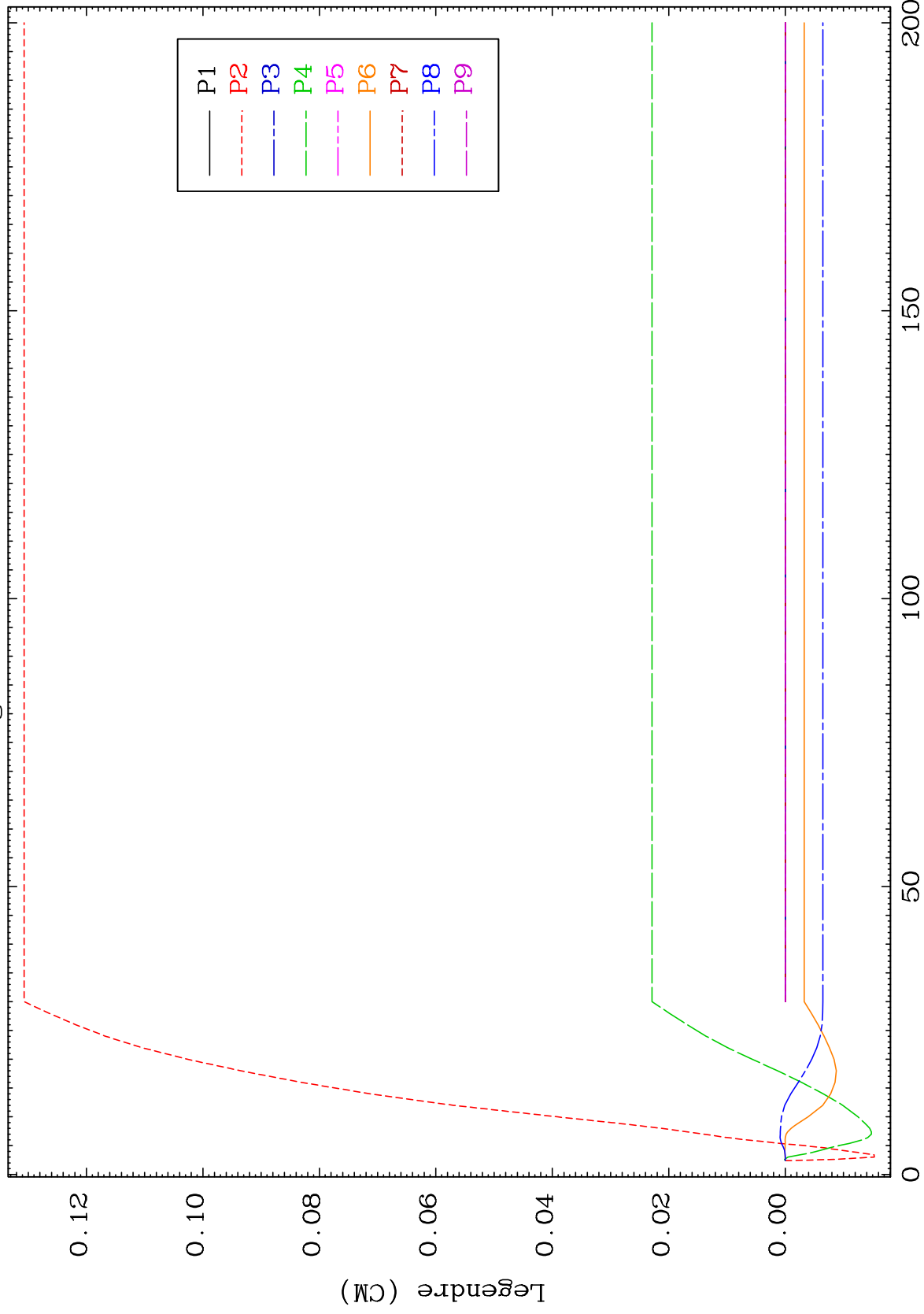
54-Xe-128



MAT 5437

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

54-Xe-128



94

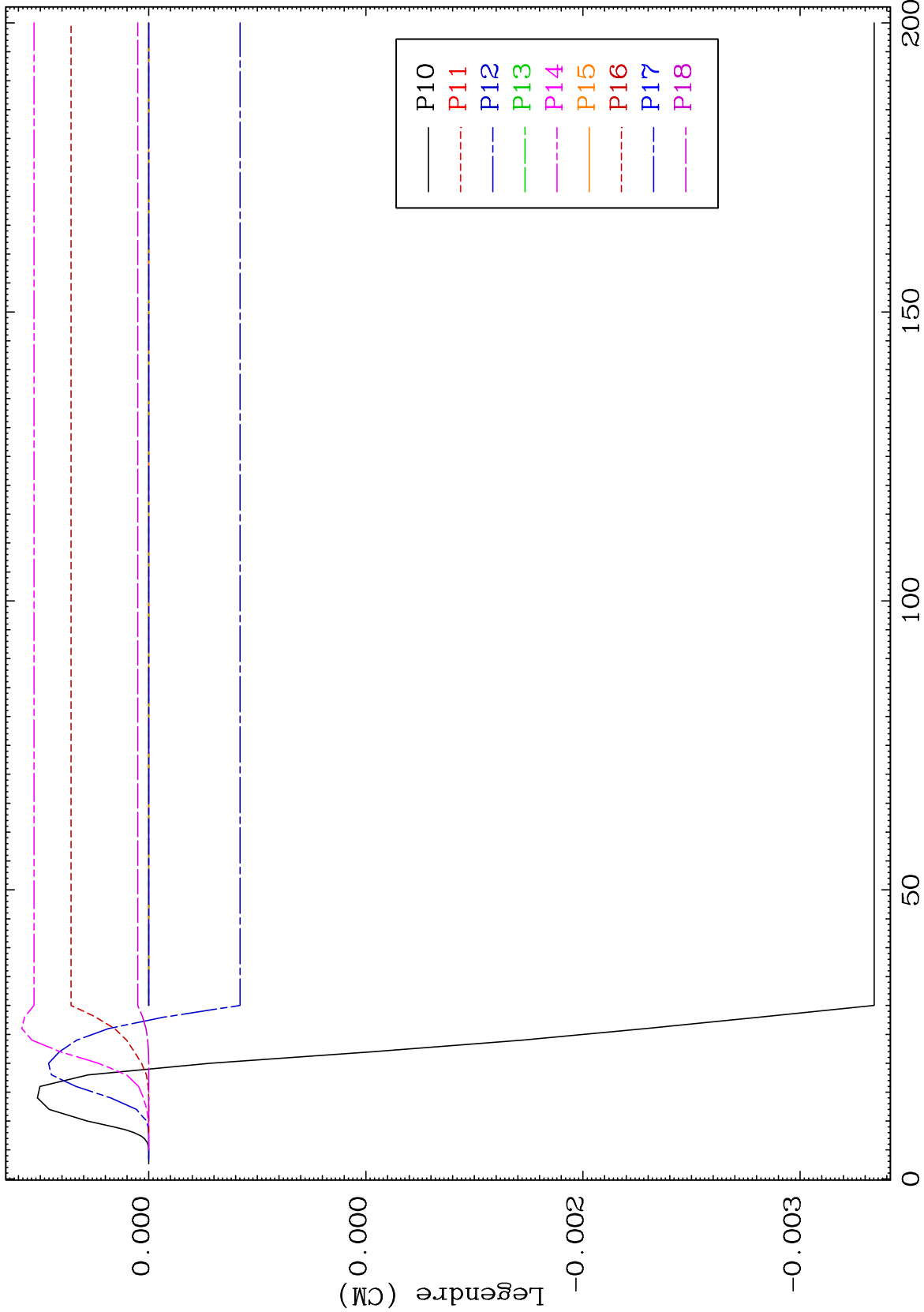
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



95

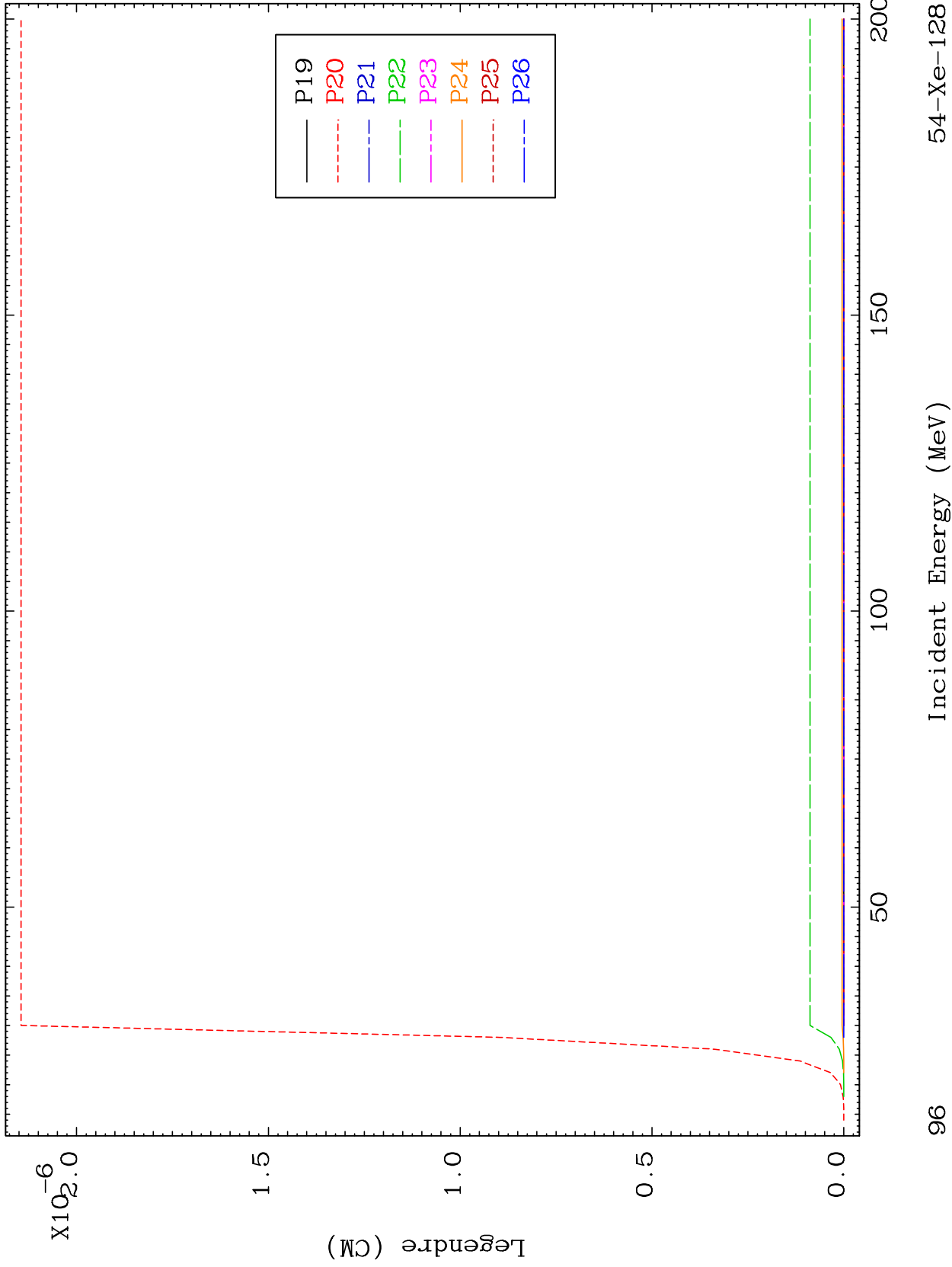
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

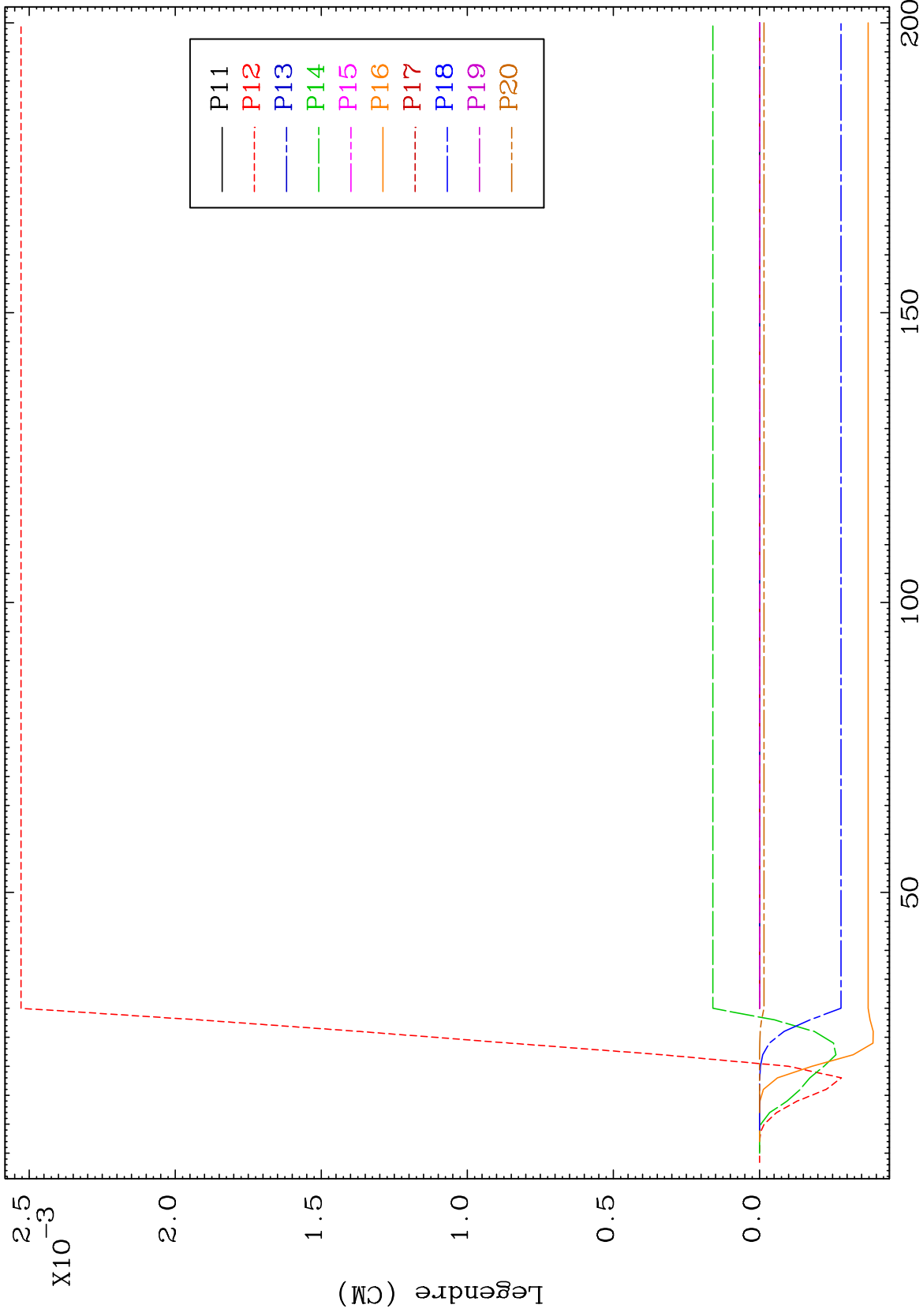
54-Xe-128



MAT 5437

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

54-Xe-128



98

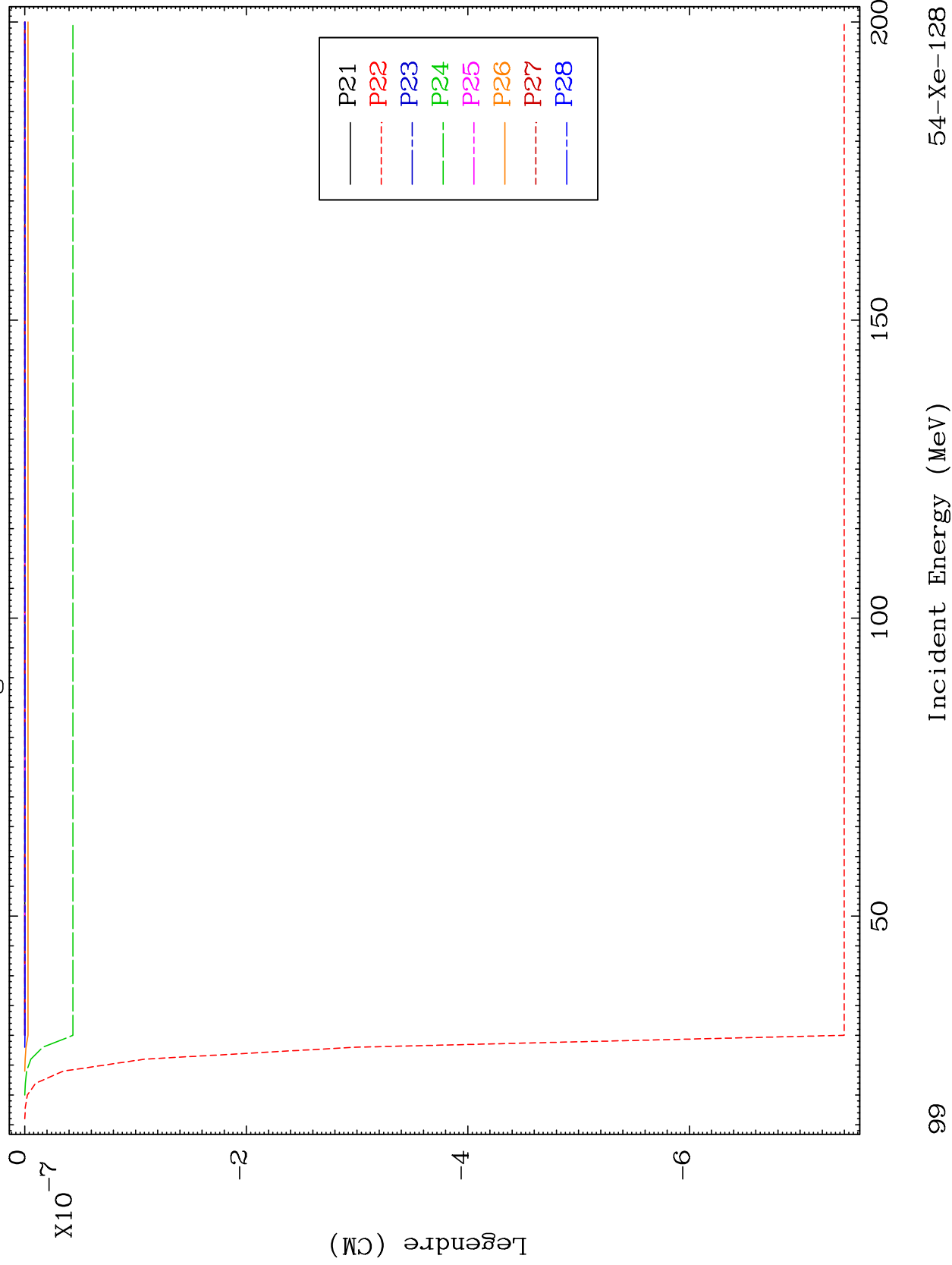
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

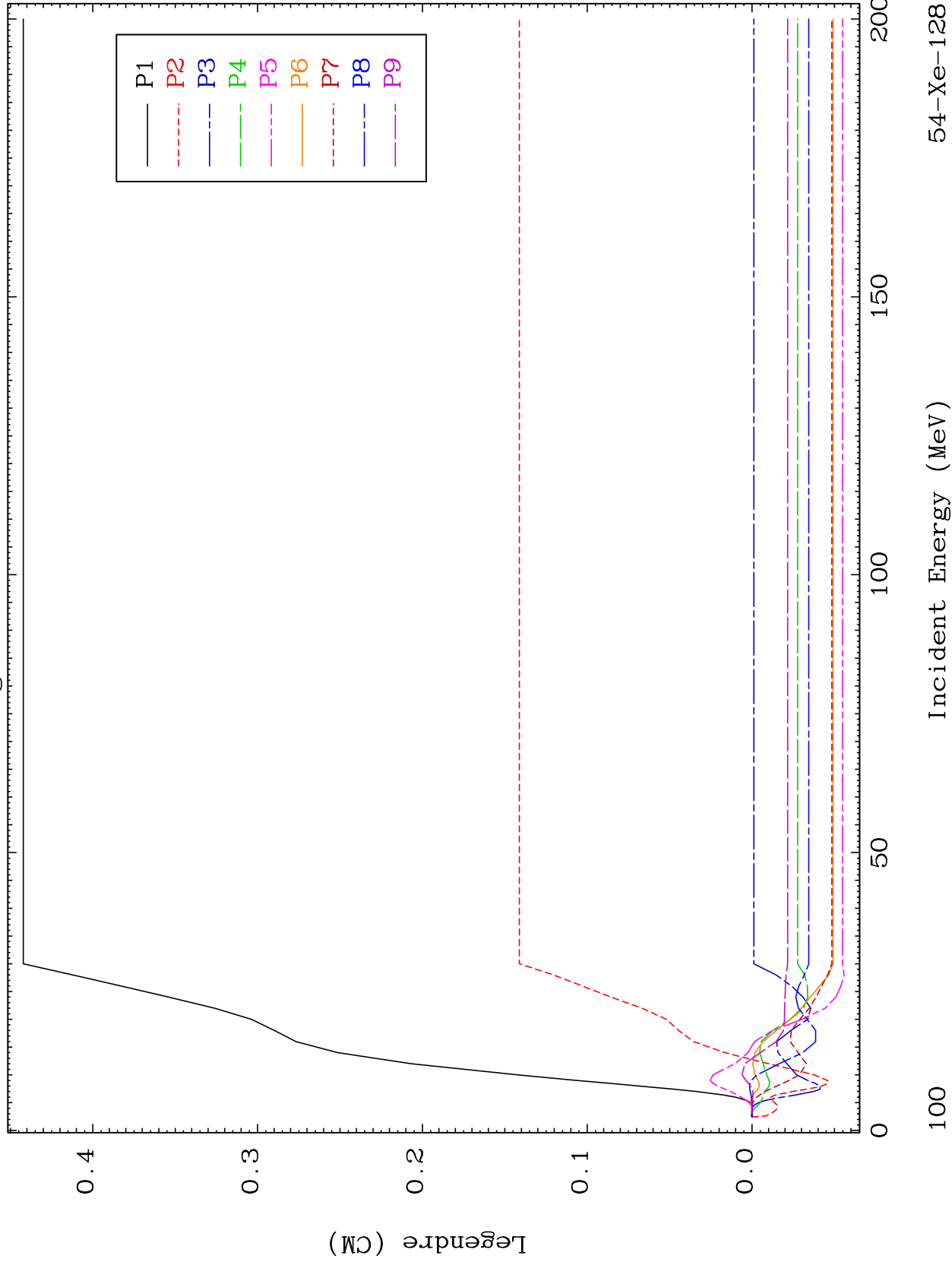
54-Xe-128



MAT 5437

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

54-Xe-128



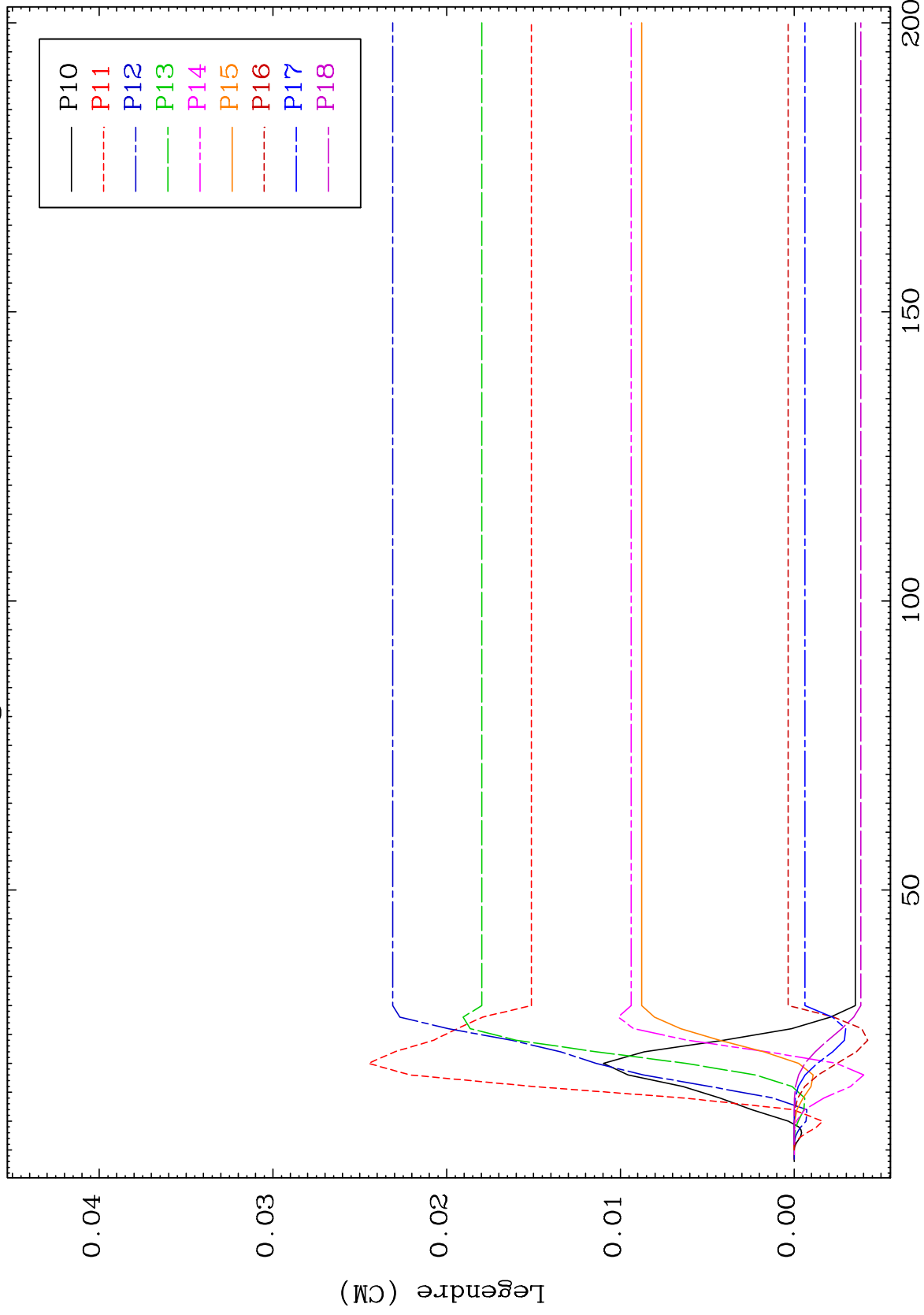
54-Xe-128

Incident Energy (MeV)

MAT 5437

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

54-Xe-128



101

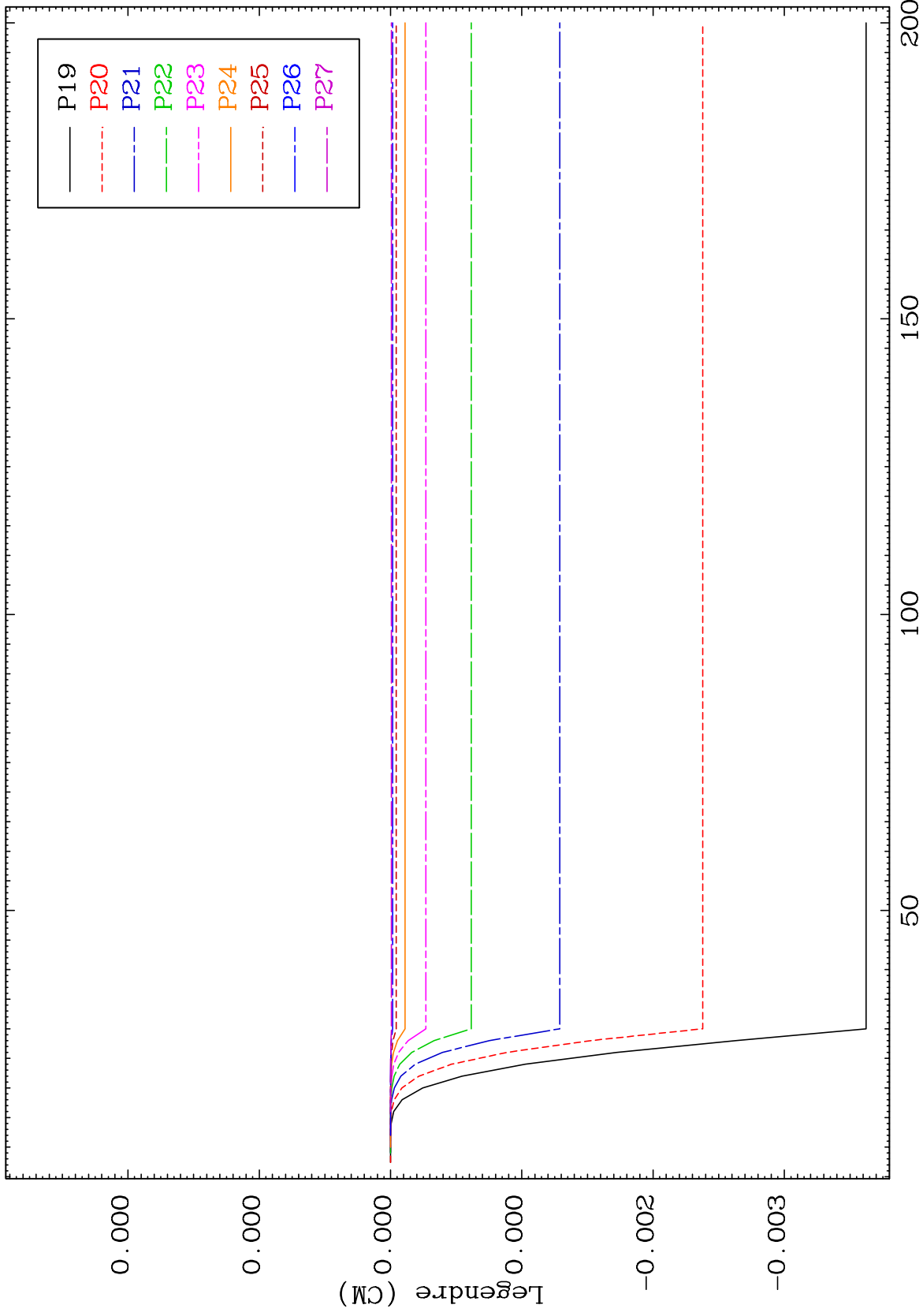
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



102

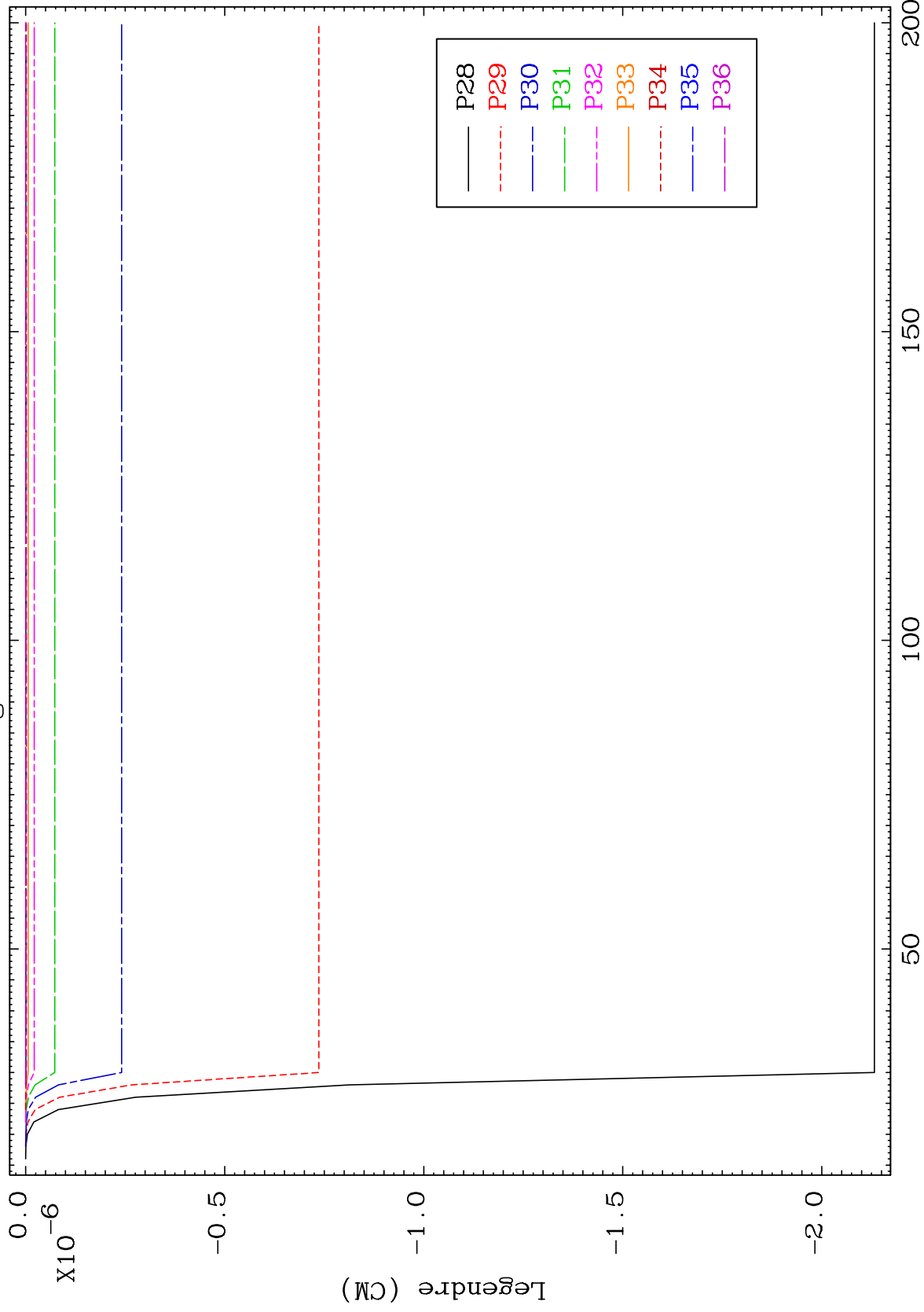
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



103

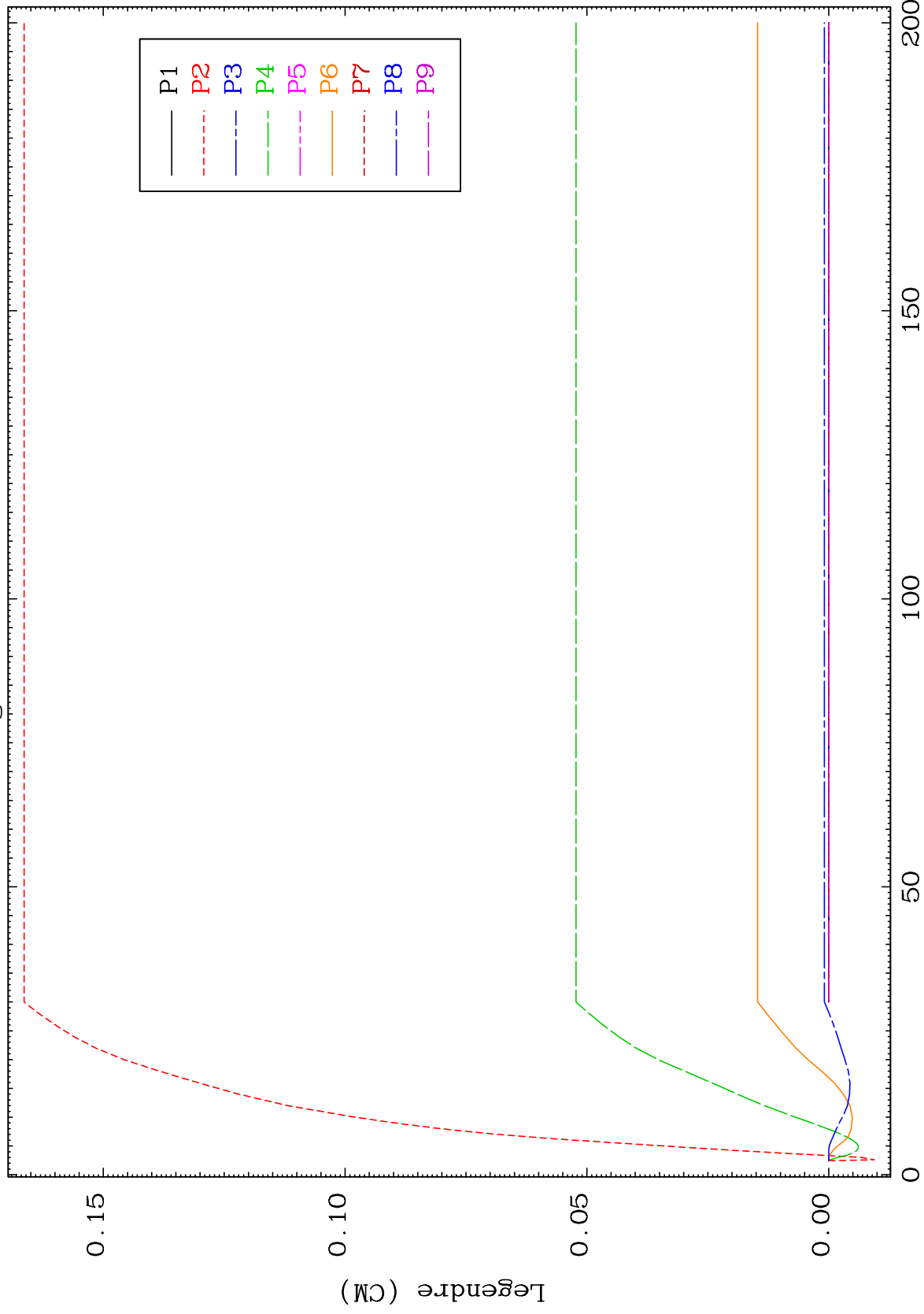
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

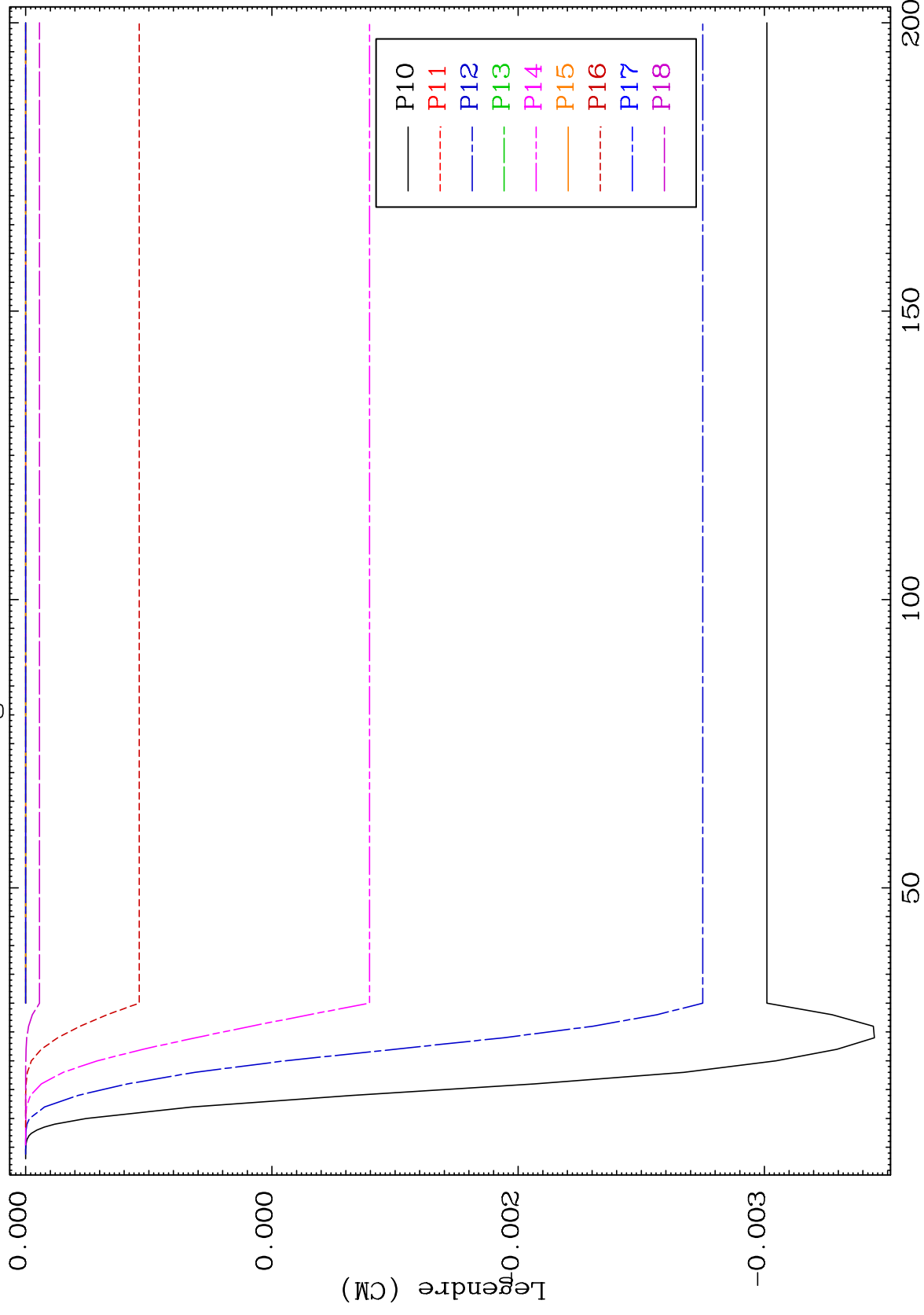
Incident Energy (MeV)

104

MAT 5437

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

54-Xe-128



105

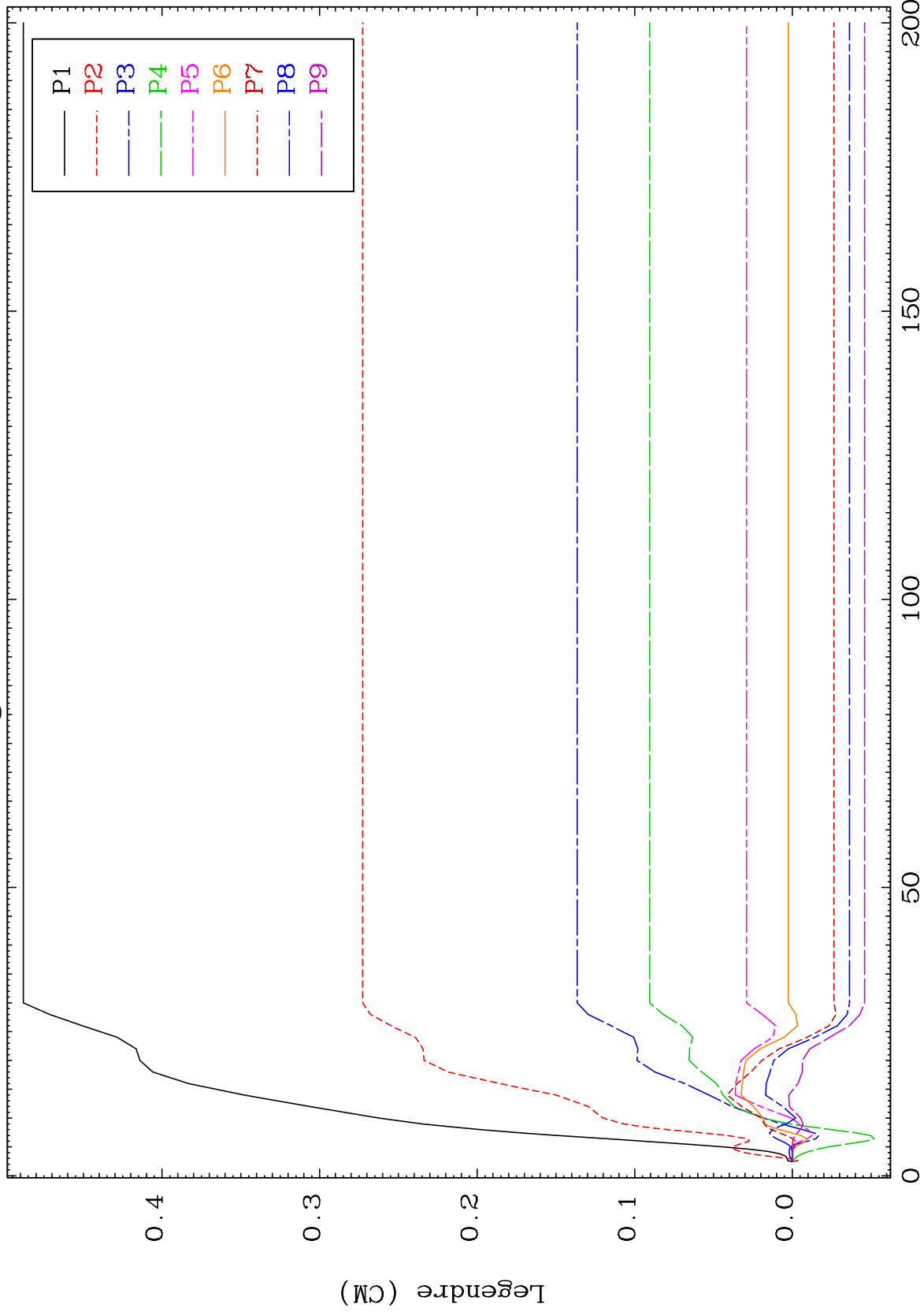
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

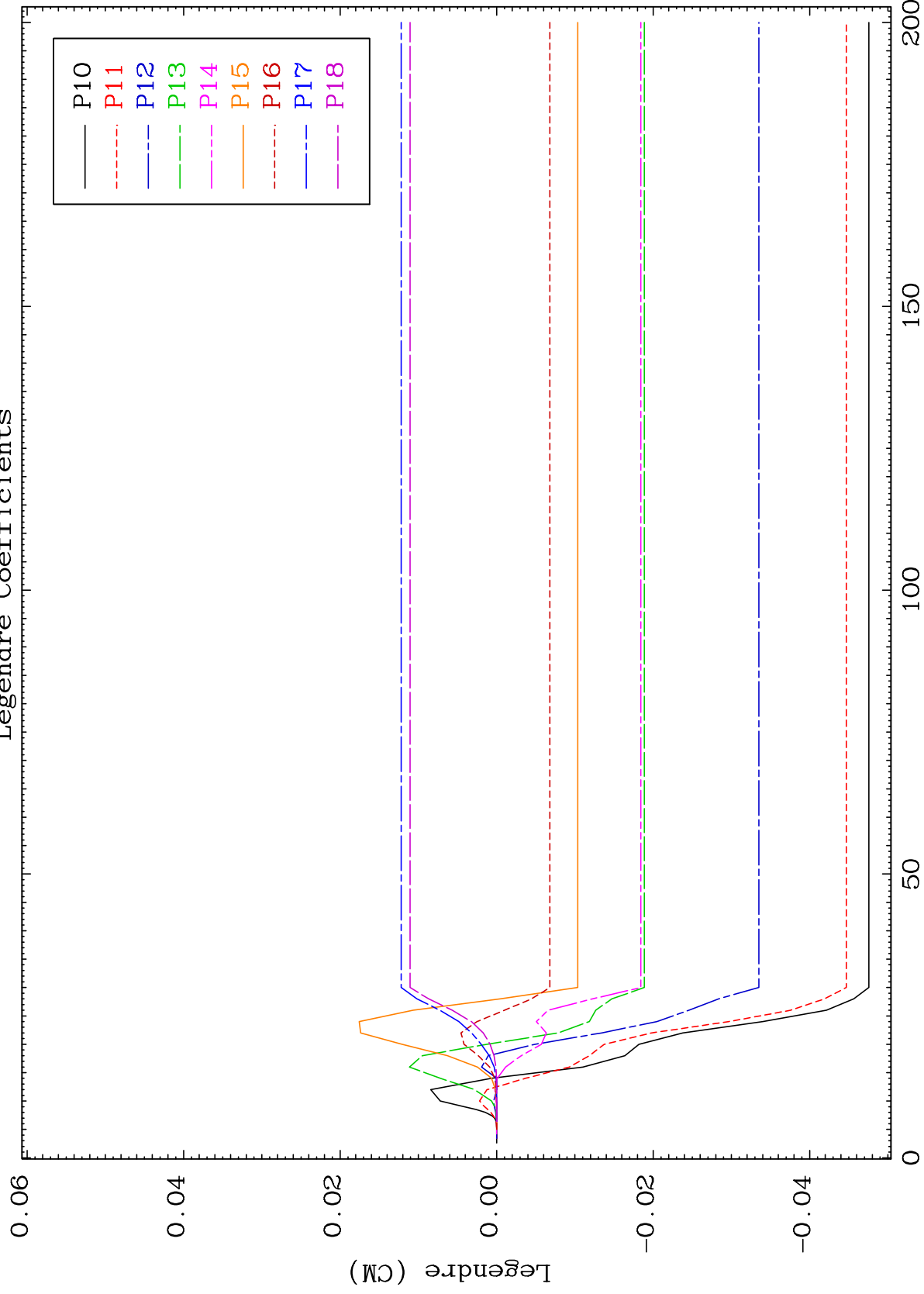
Incident Energy (MeV)

107

MAT 5437

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

54-Xe-128



108

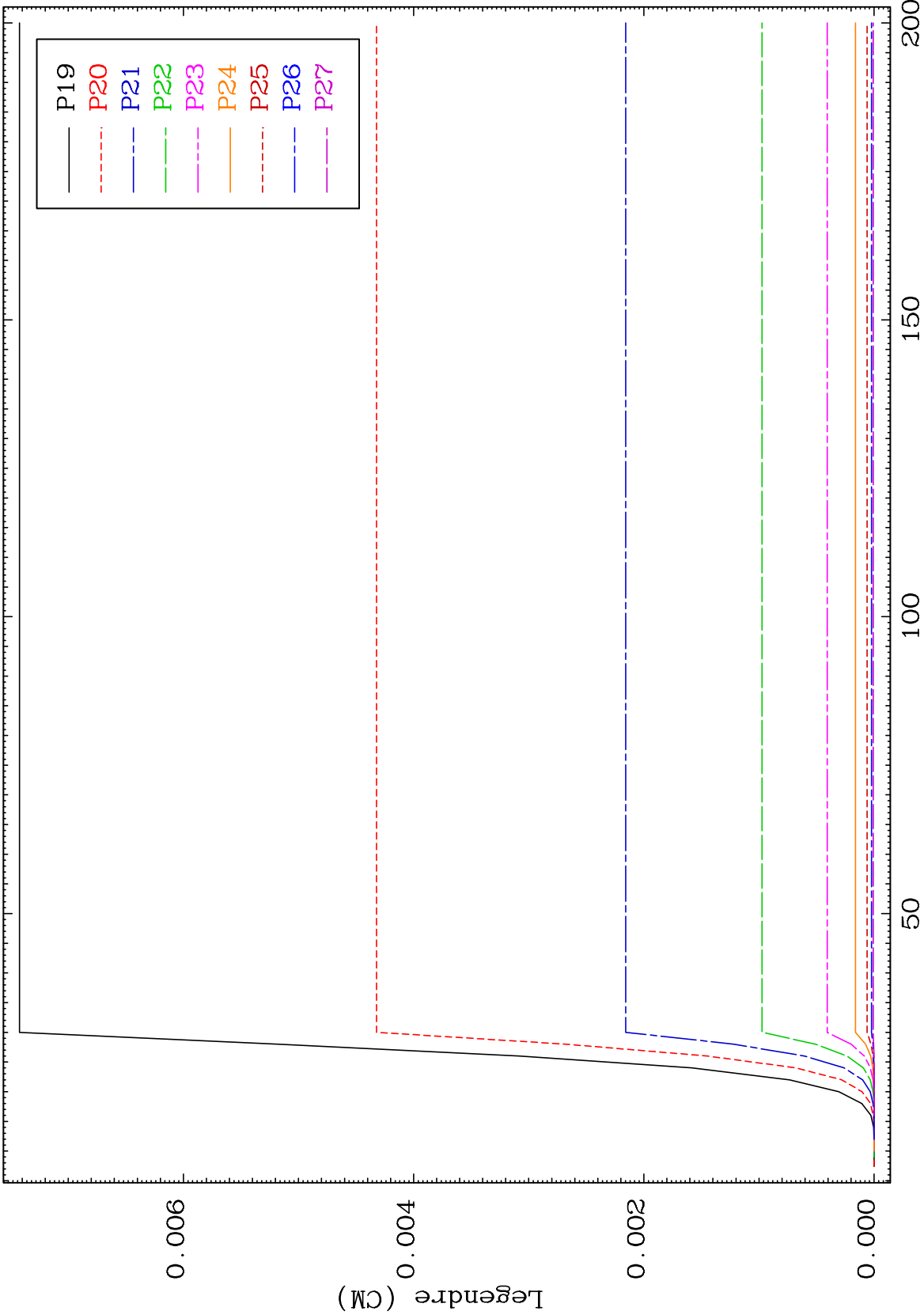
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



109

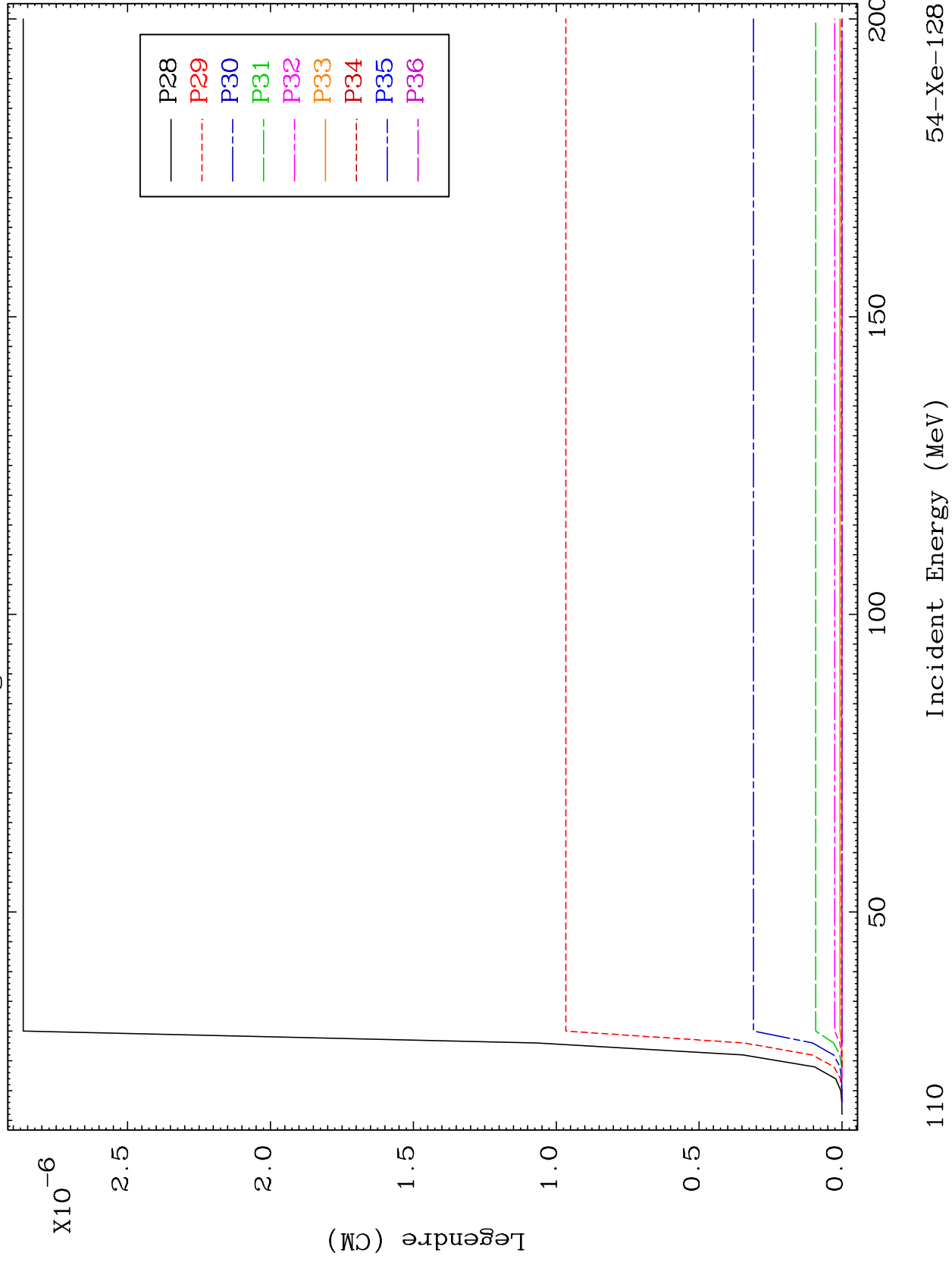
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

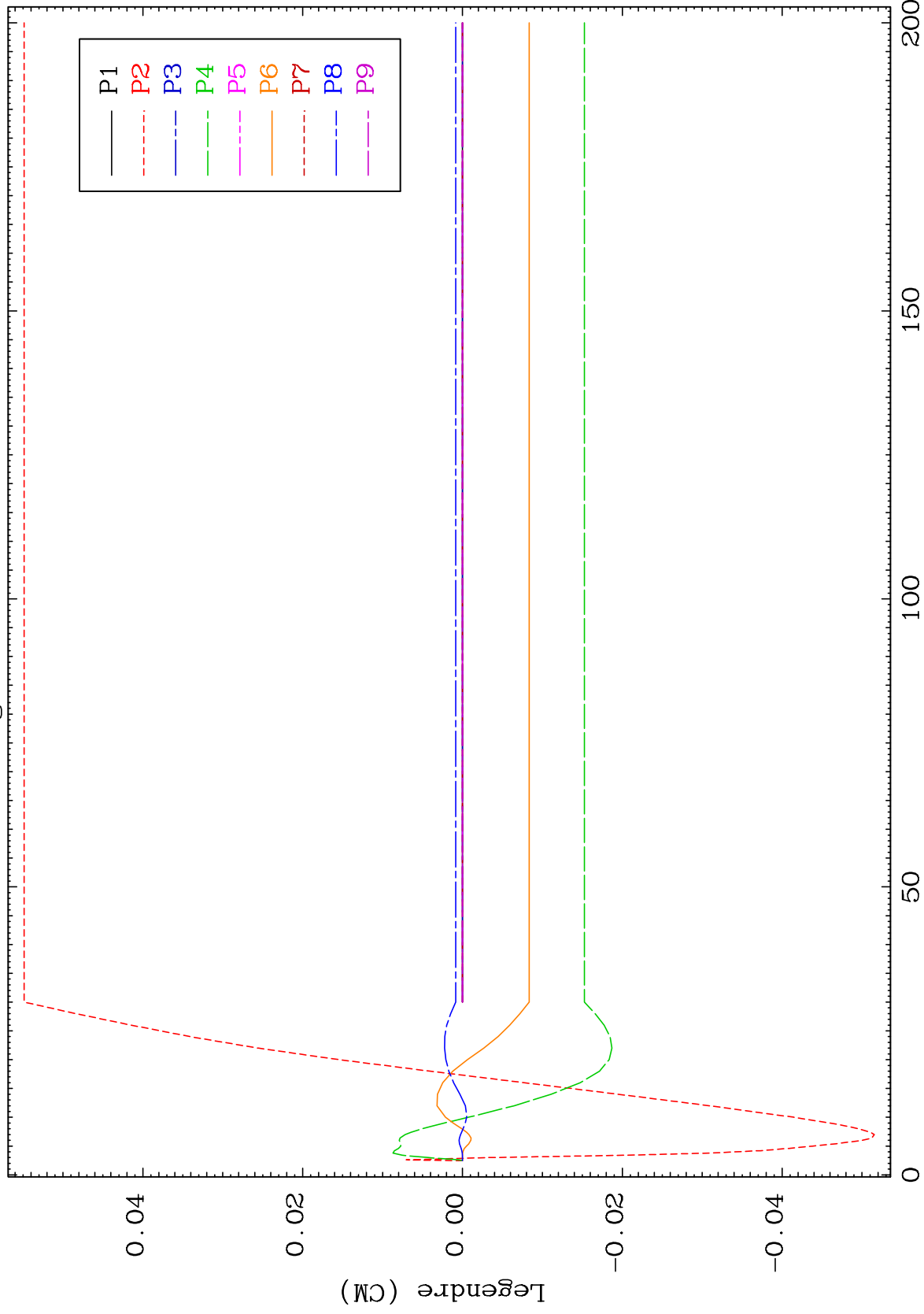
54-Xe-128



MAT 5437

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

54-Xe-128



111

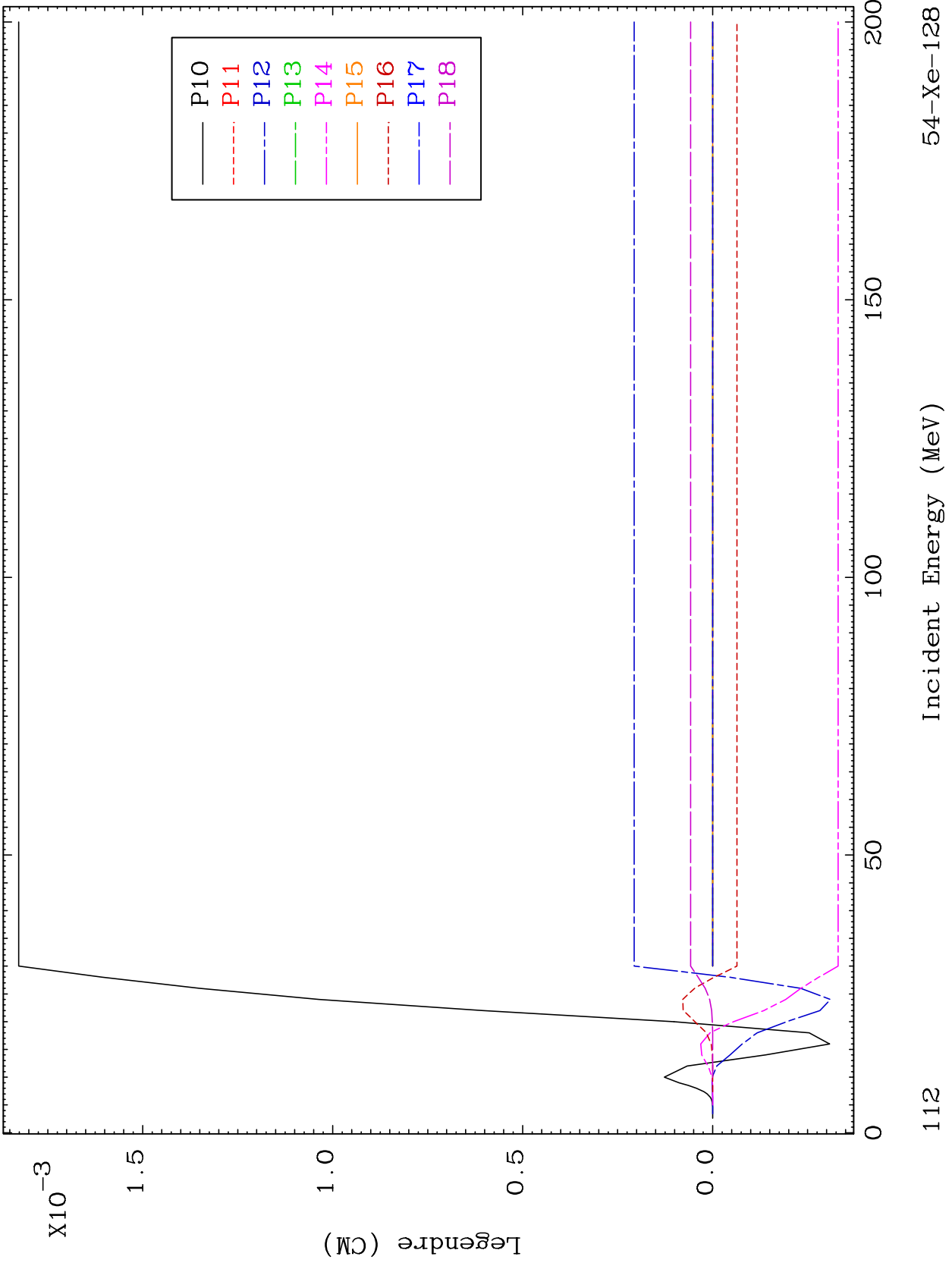
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



112

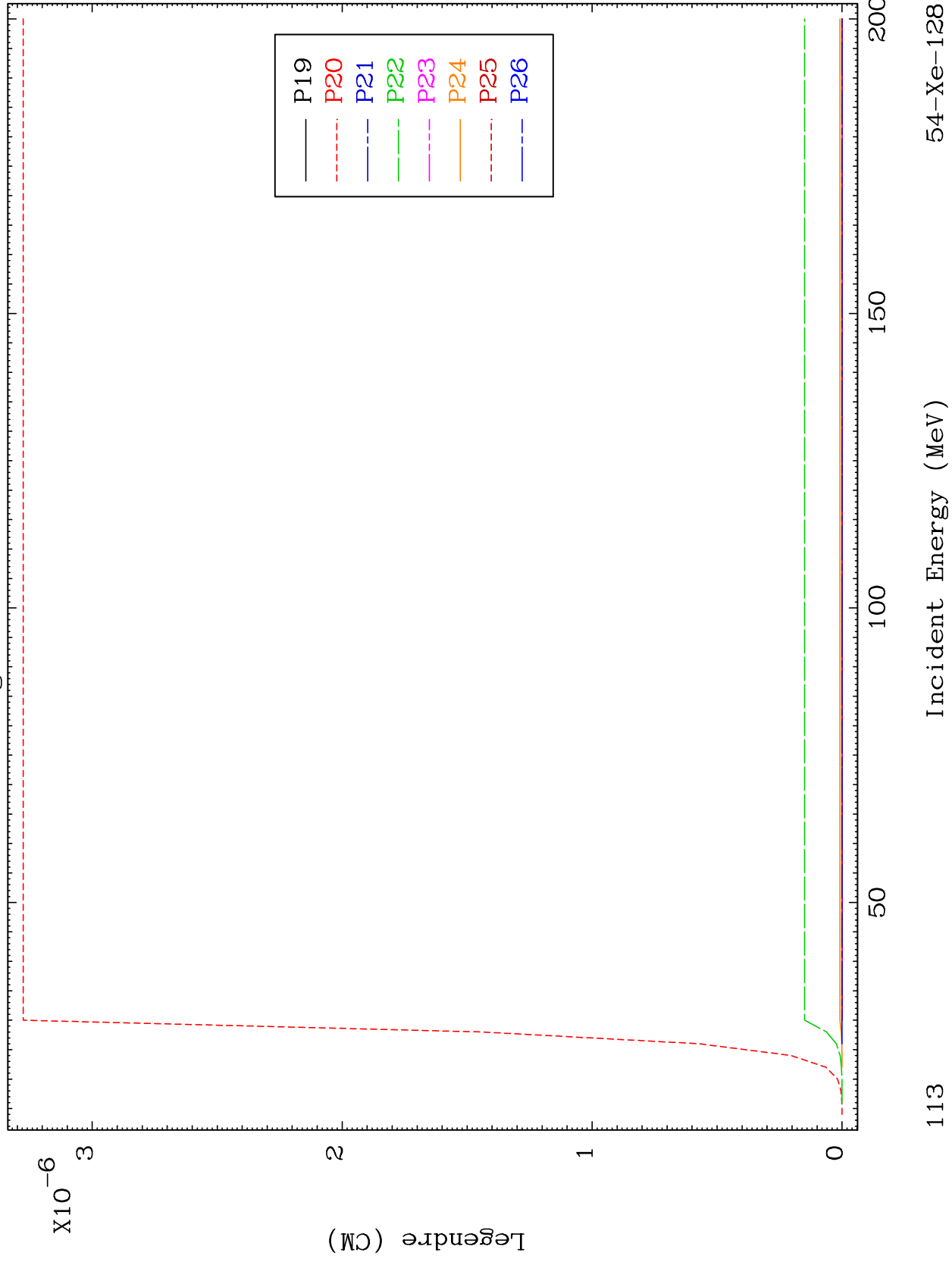
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

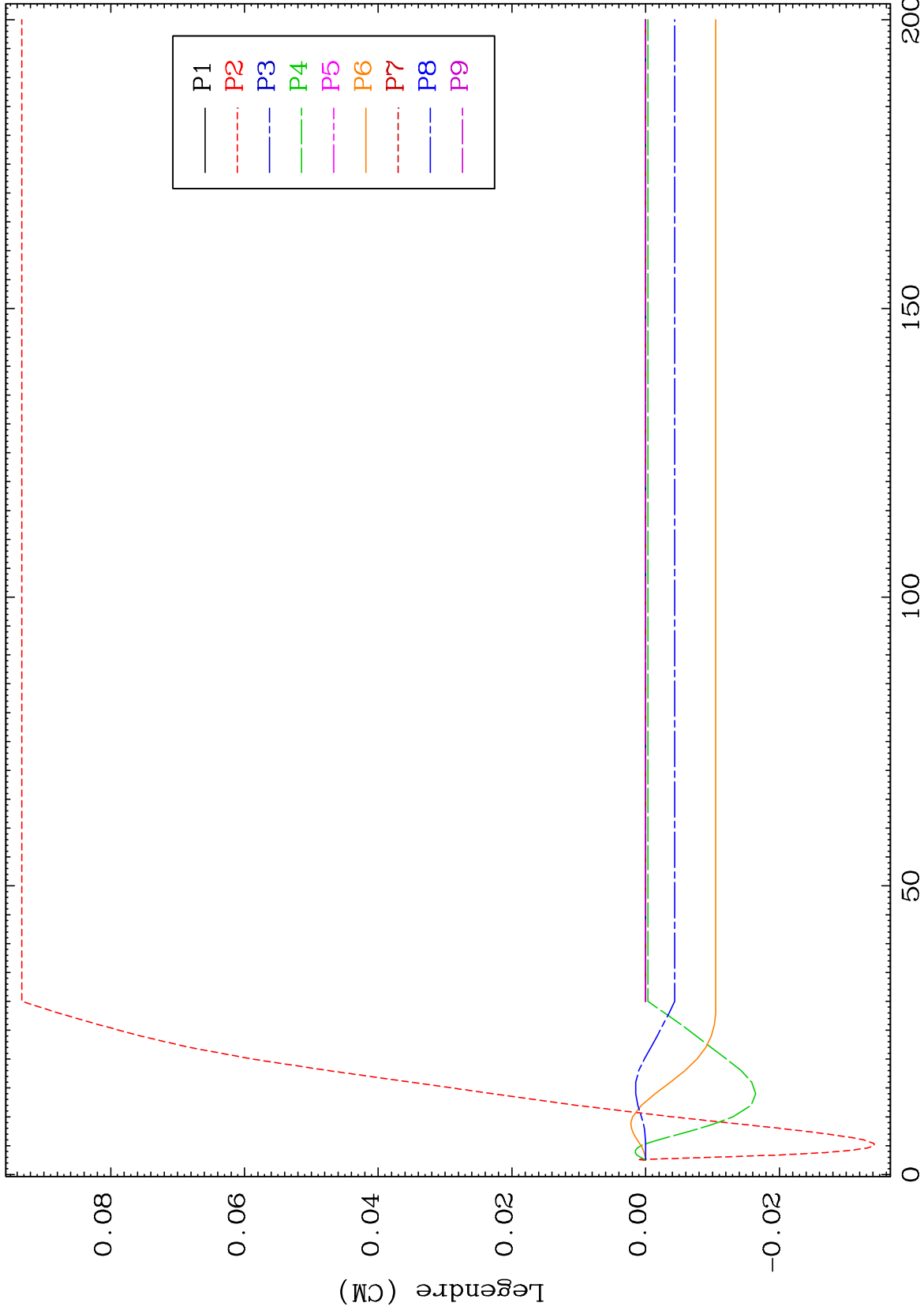
54-Xe-128



MAT 5437

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

54-Xe-128



114

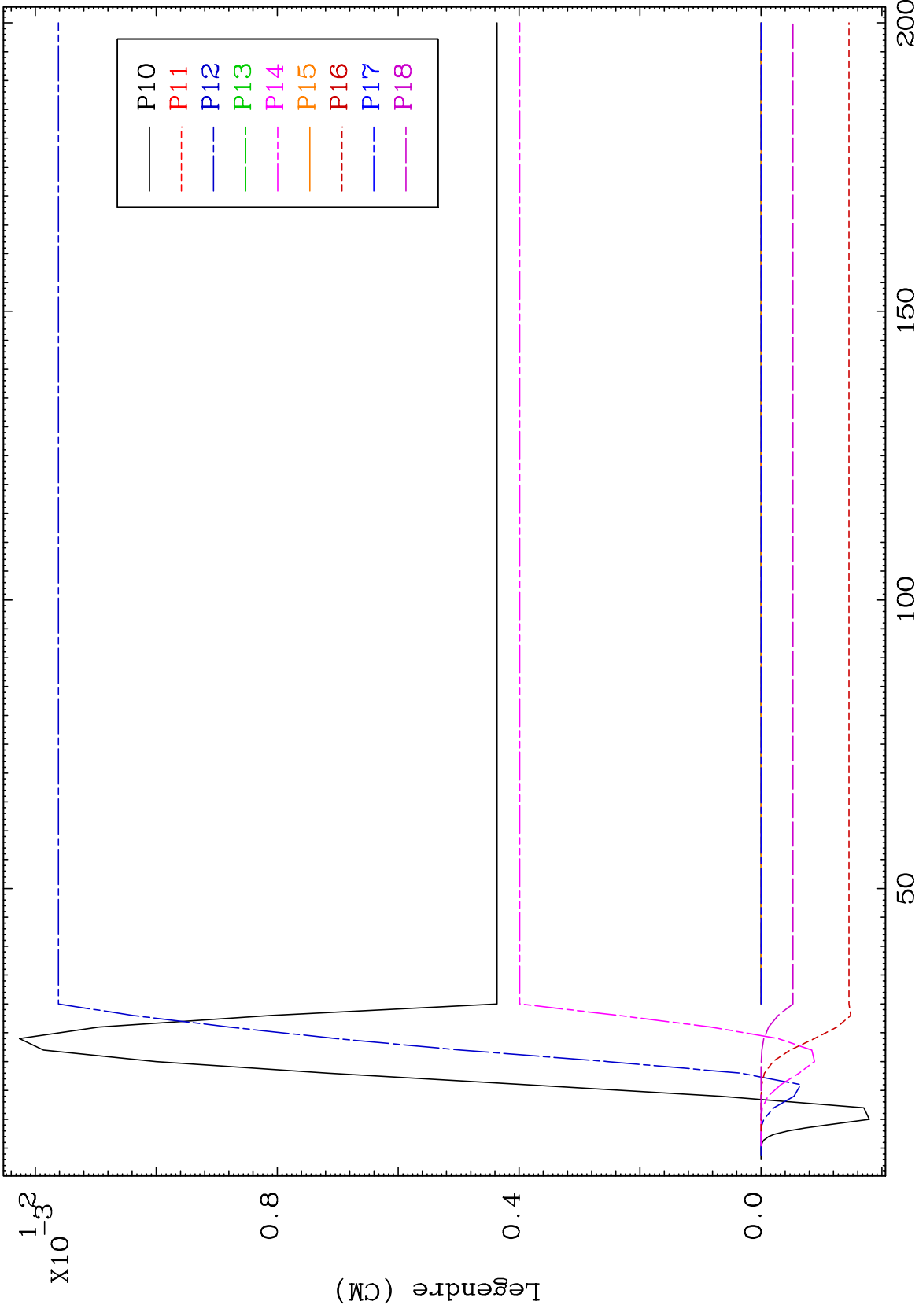
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



115

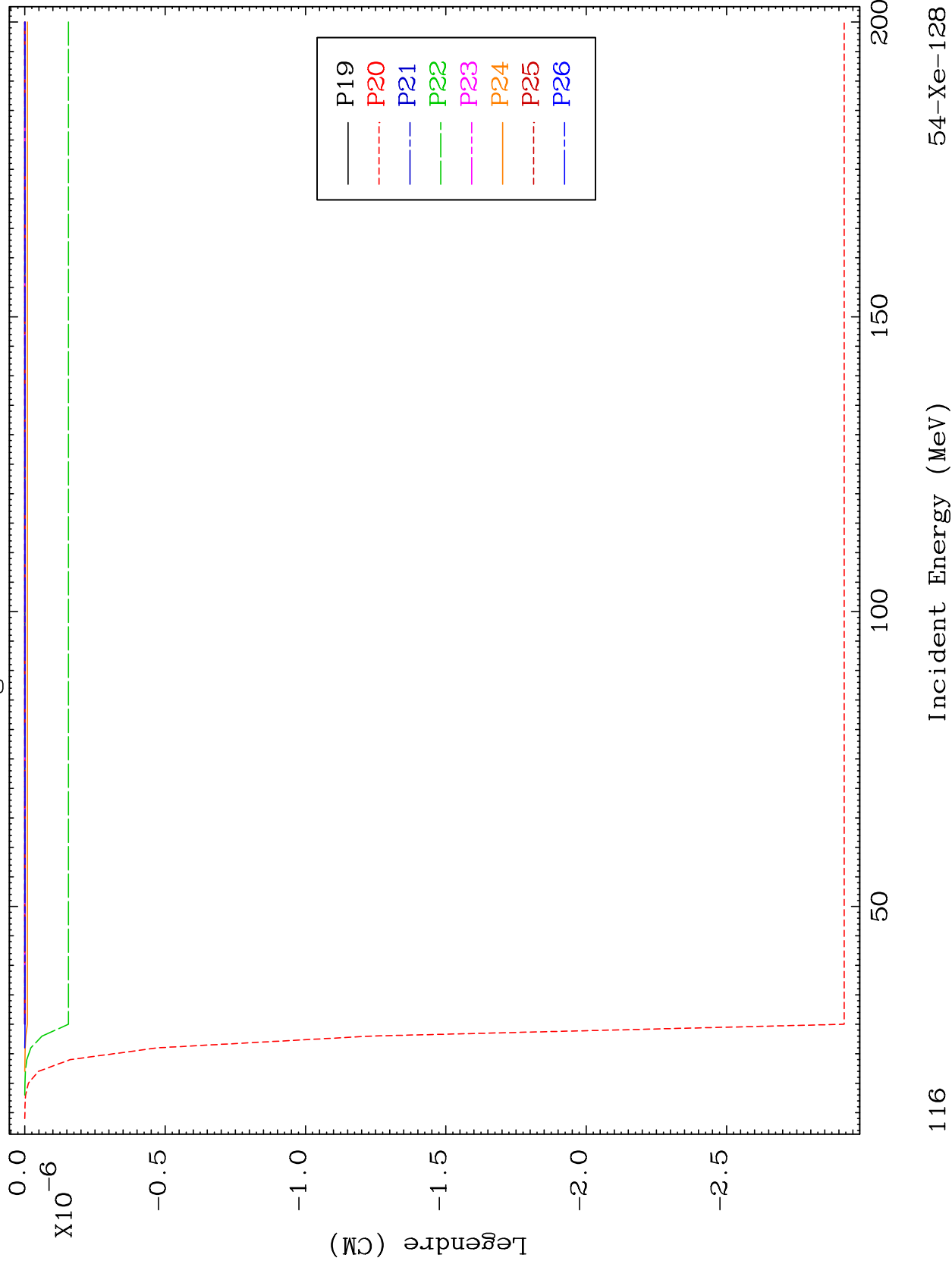
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



116

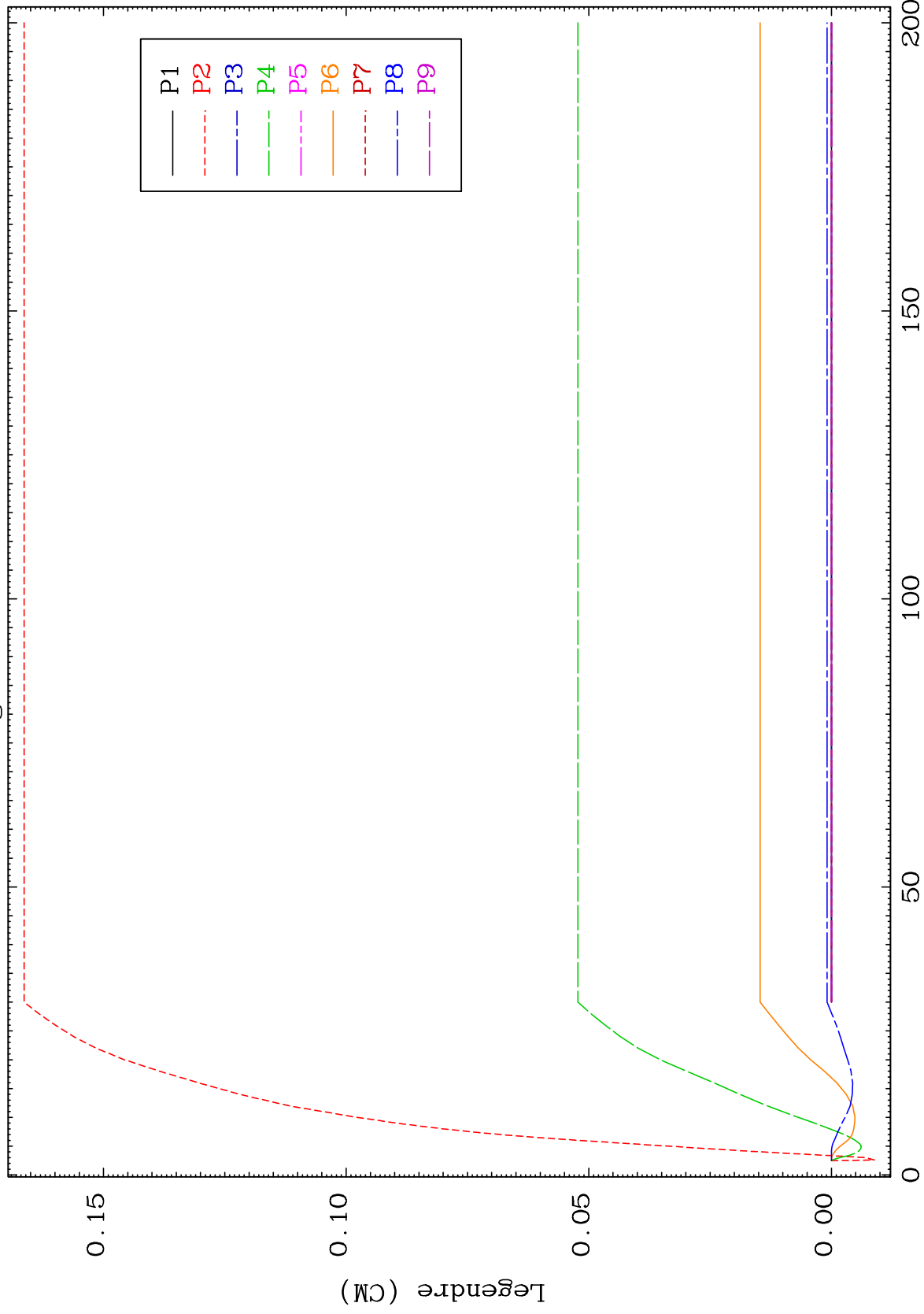
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



117

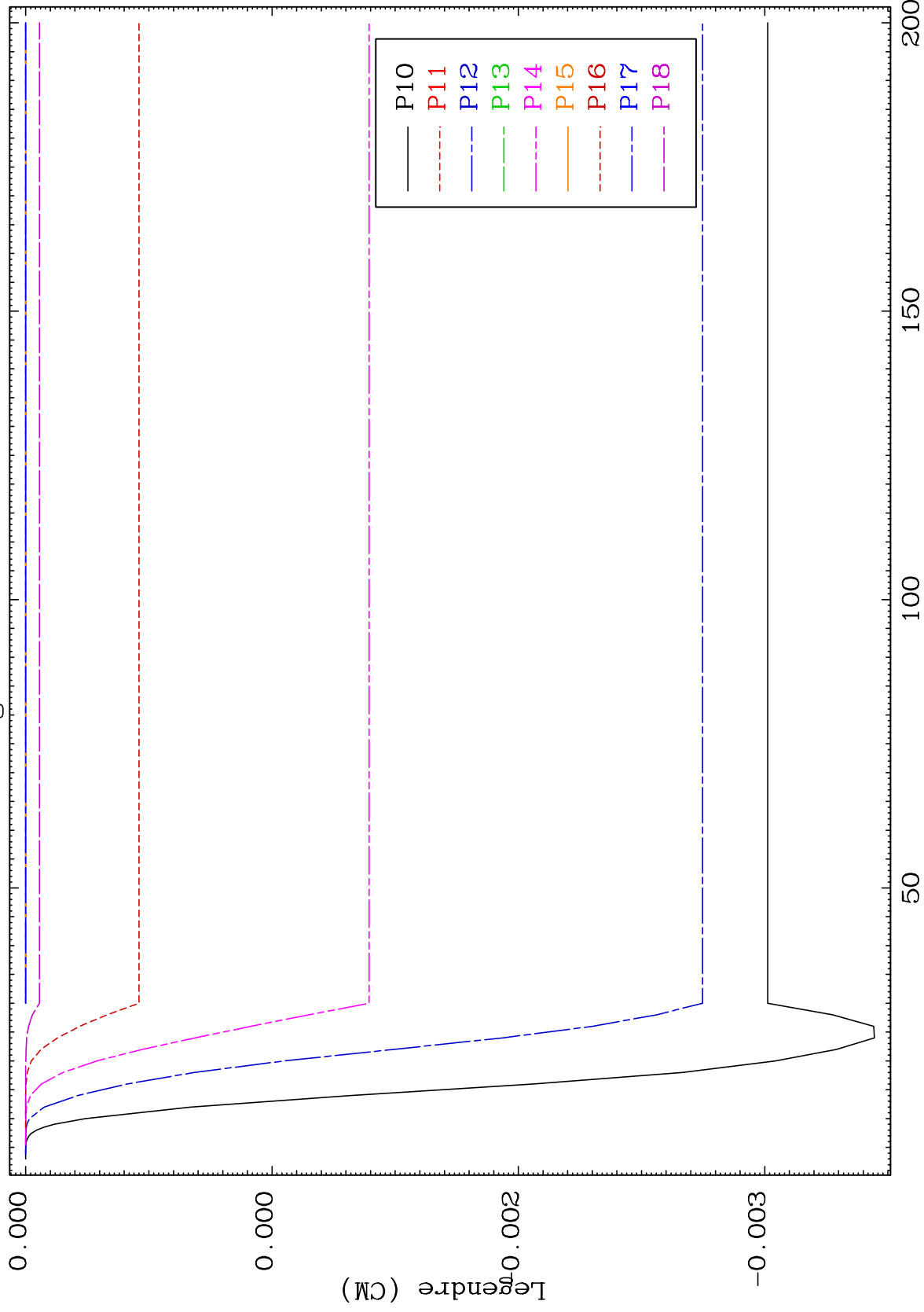
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

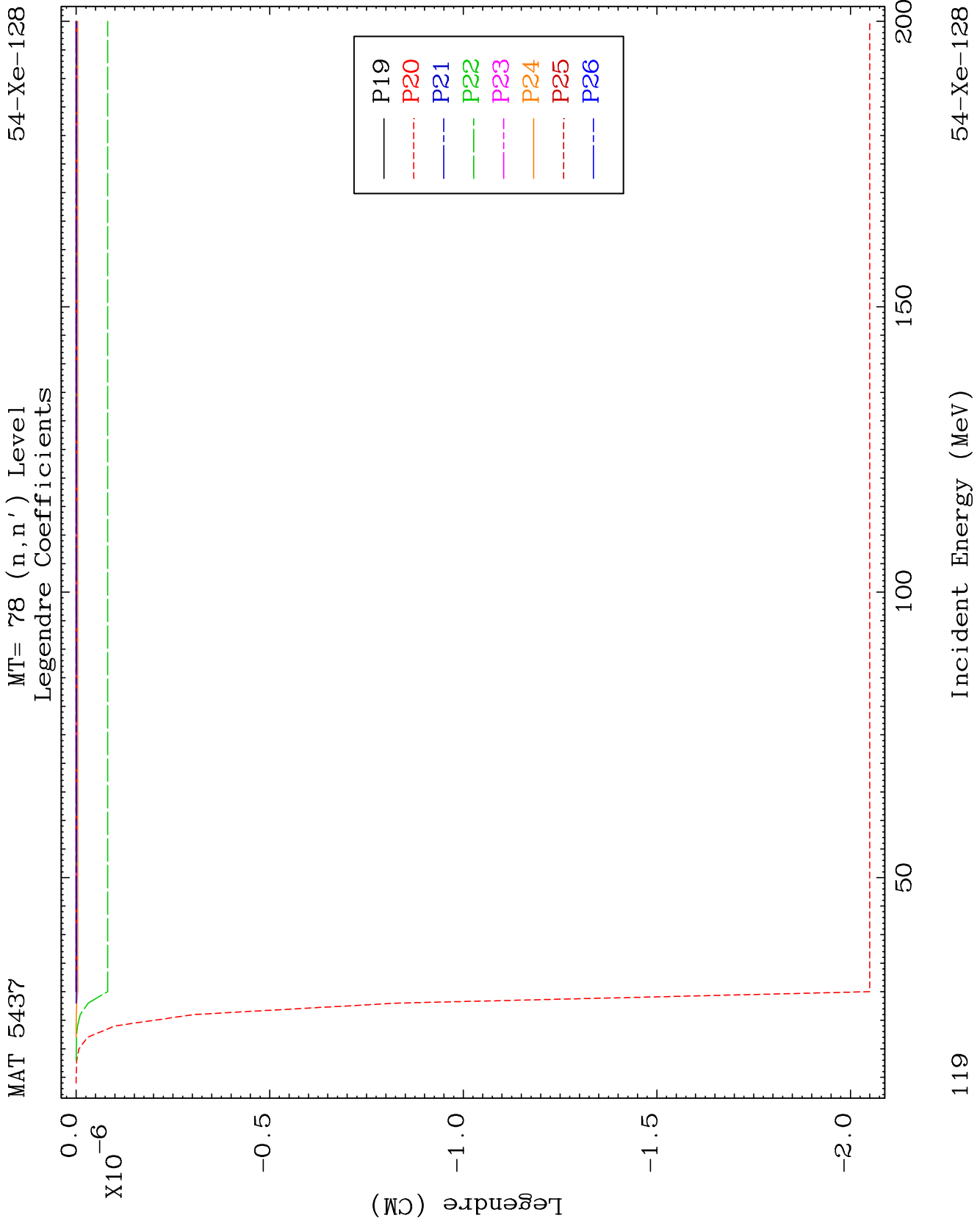
54-Xe-128



118

Incident Energy (MeV)

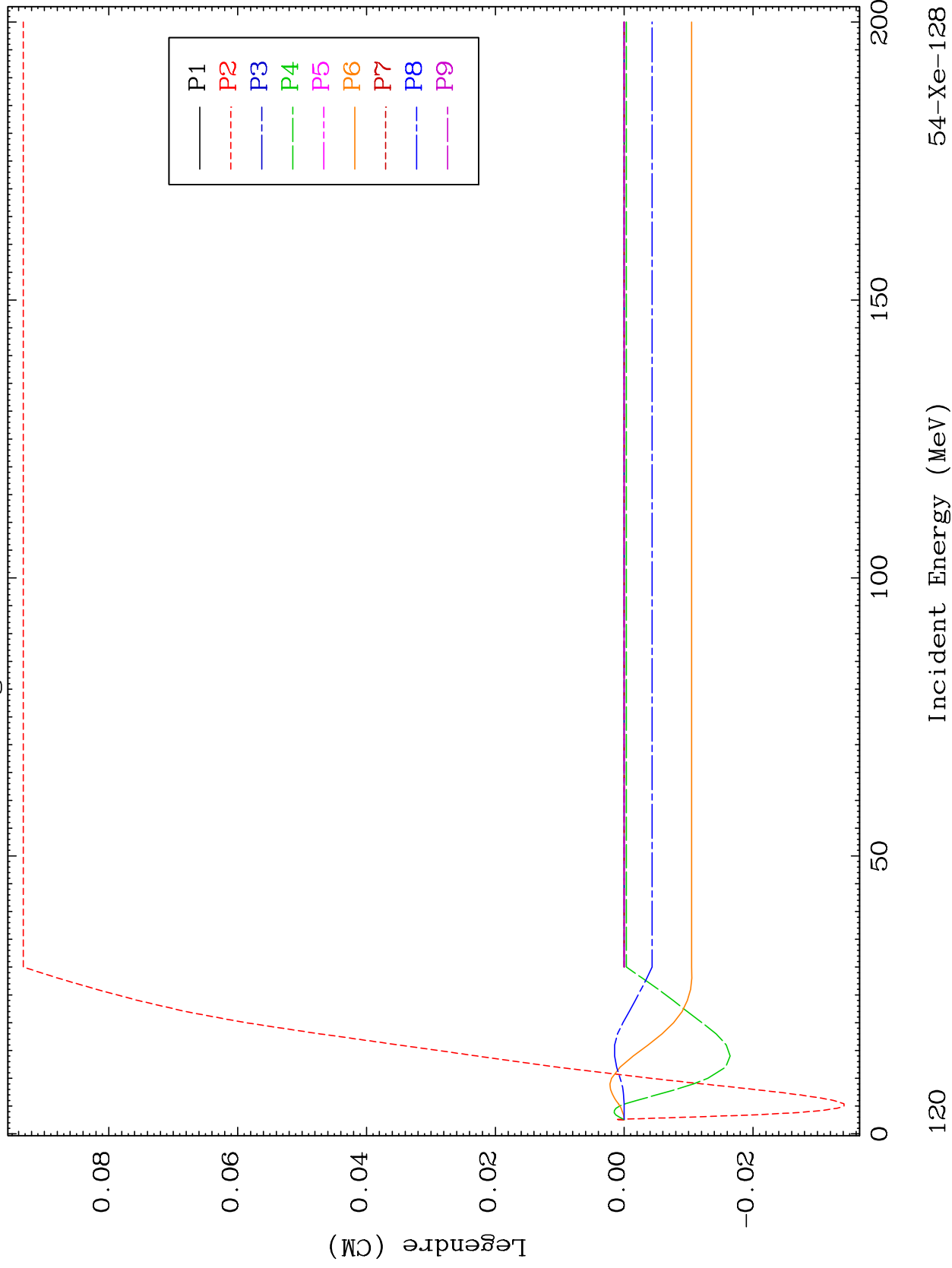
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

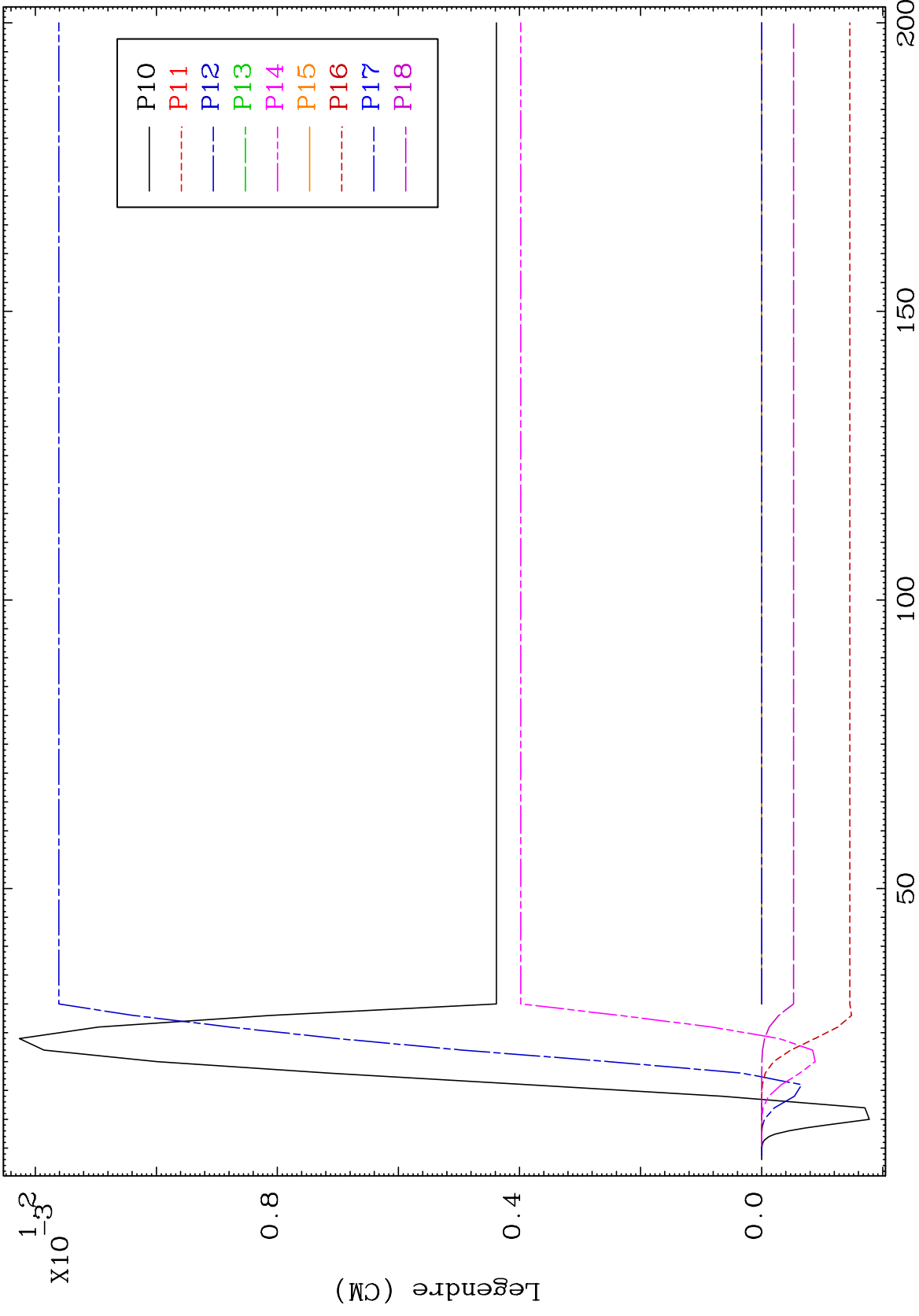
Incident Energy (MeV)

Legendre (CM)

MAT 5437

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

54-Xe-128



121

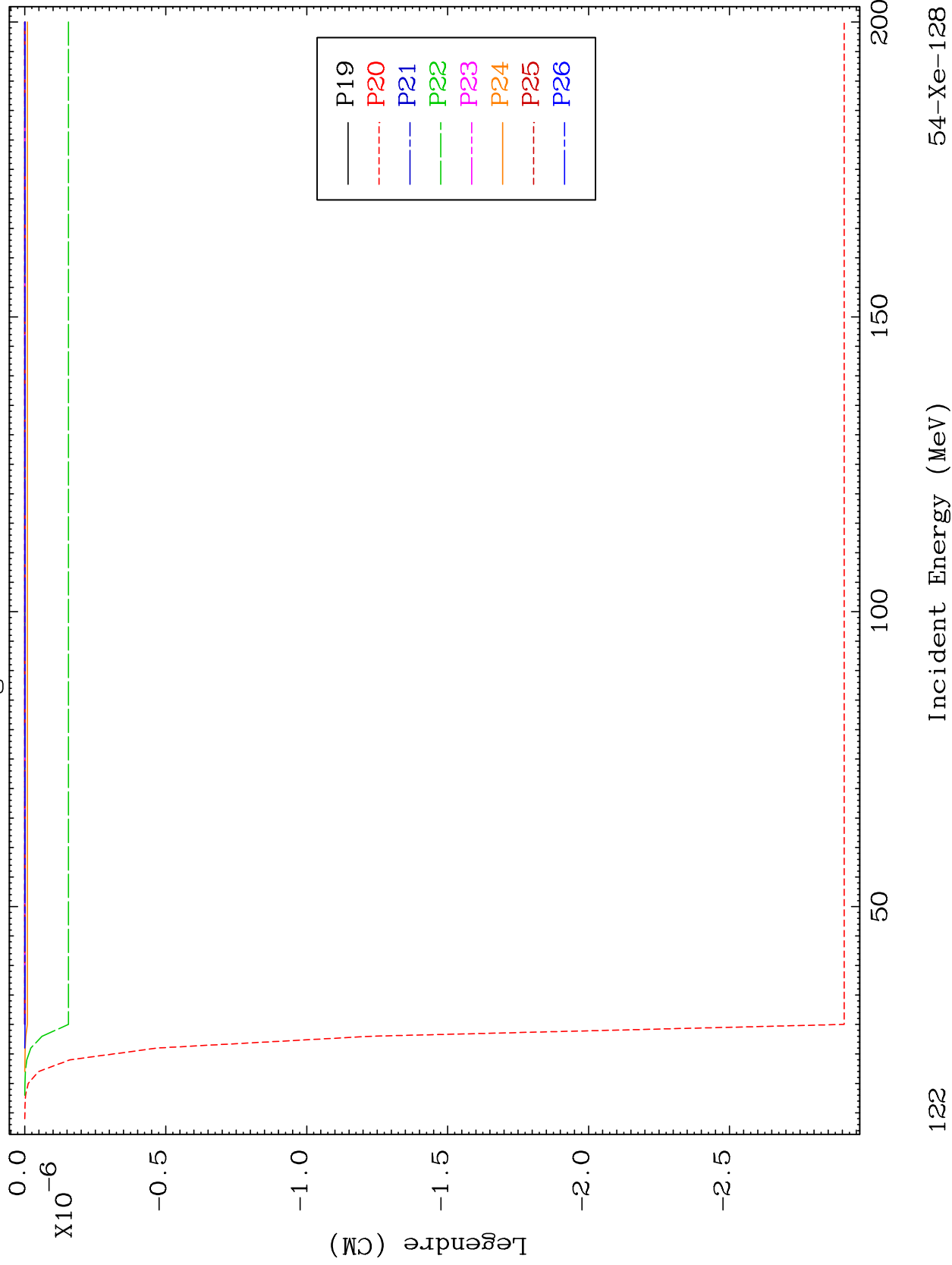
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



122

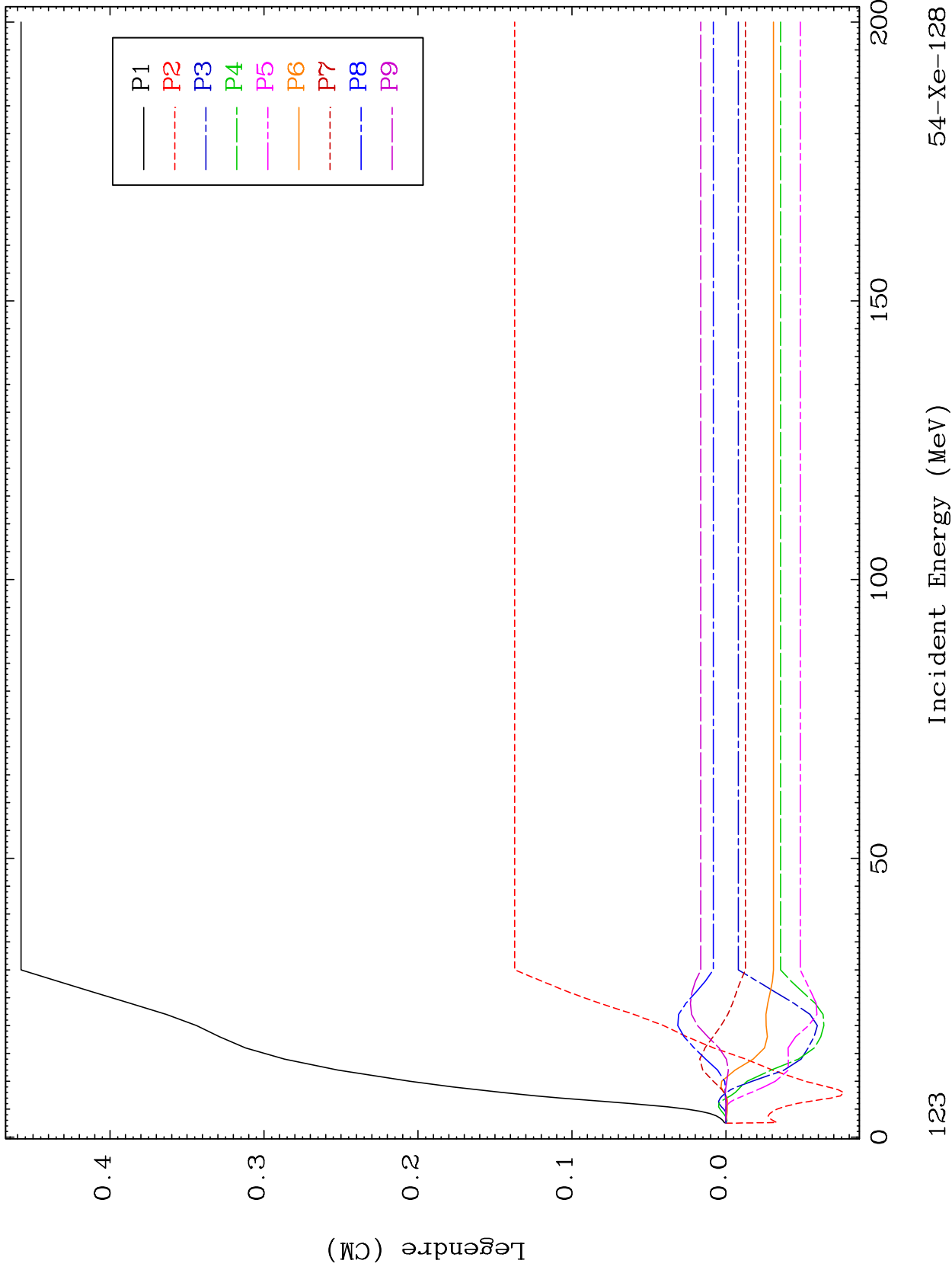
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



123

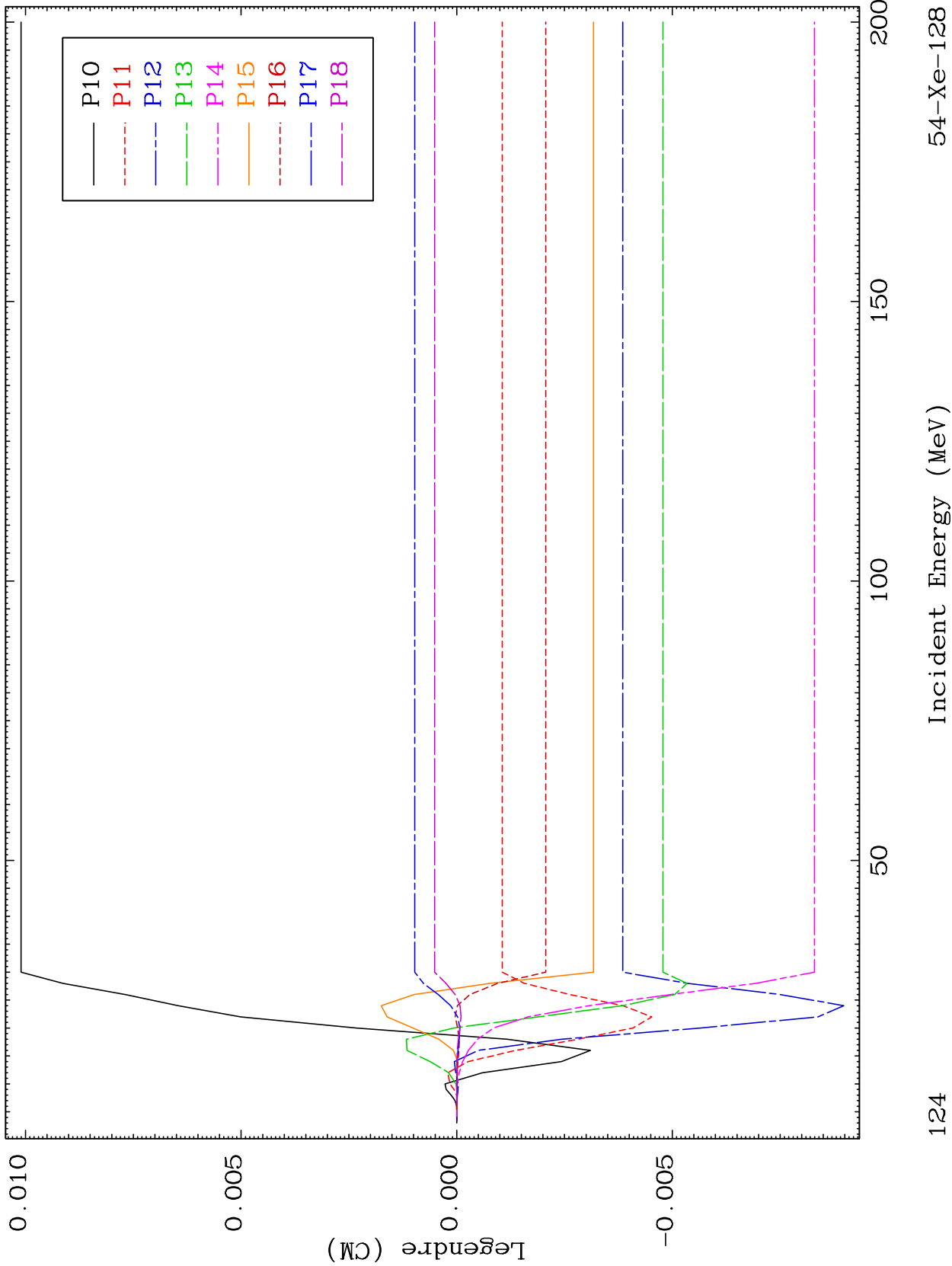
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



124

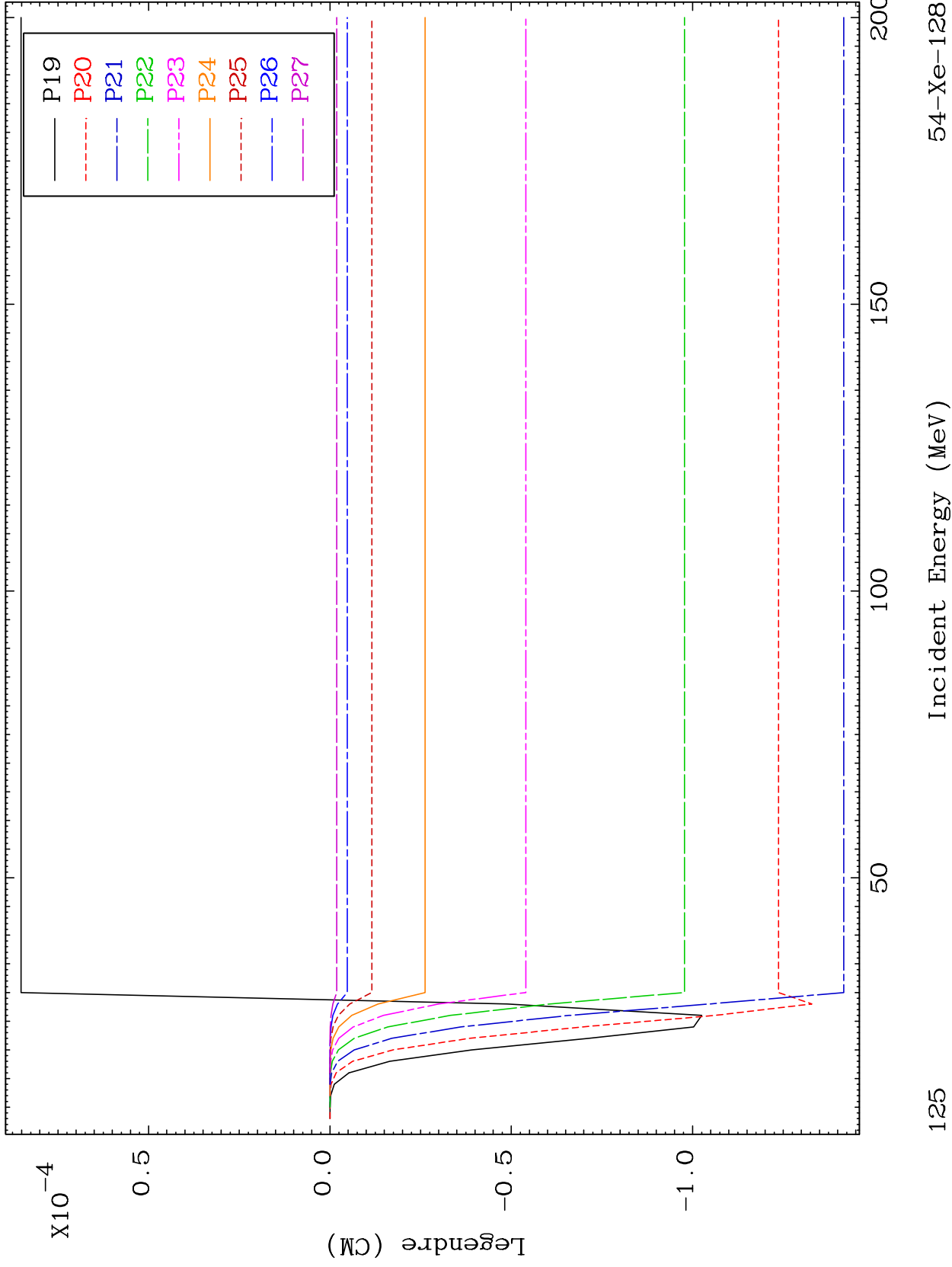
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



125

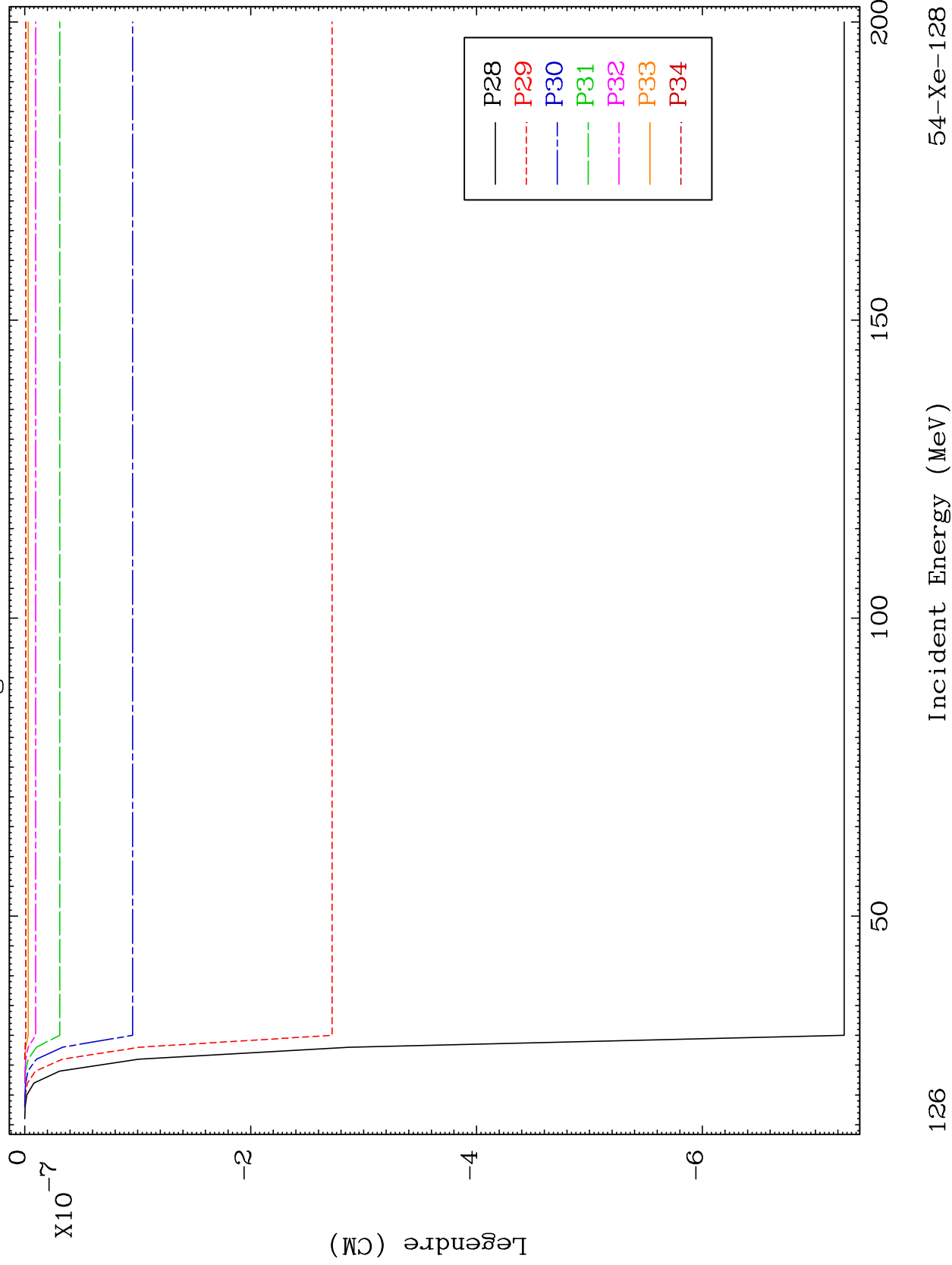
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



126

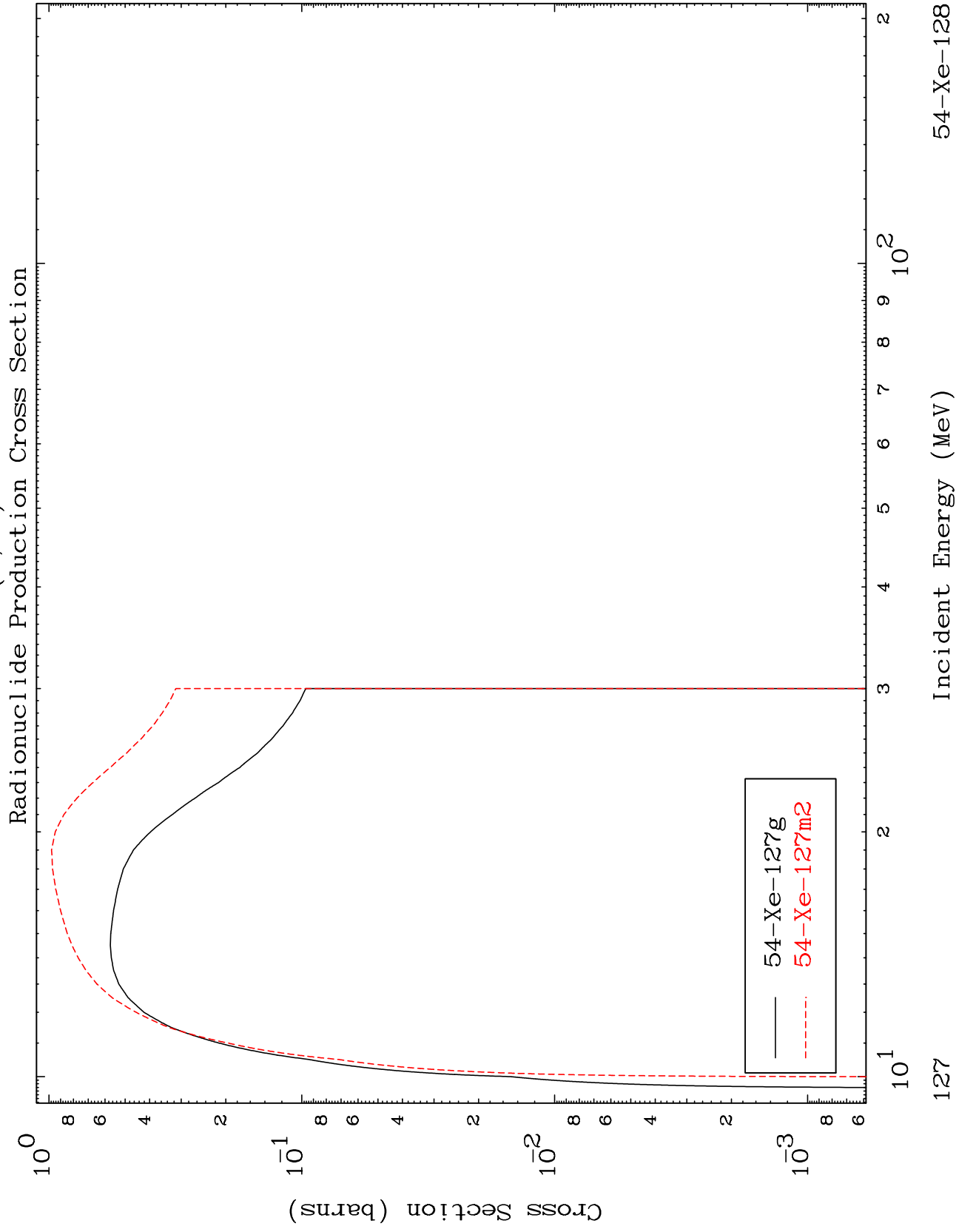
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,2n)

54-Xe-128

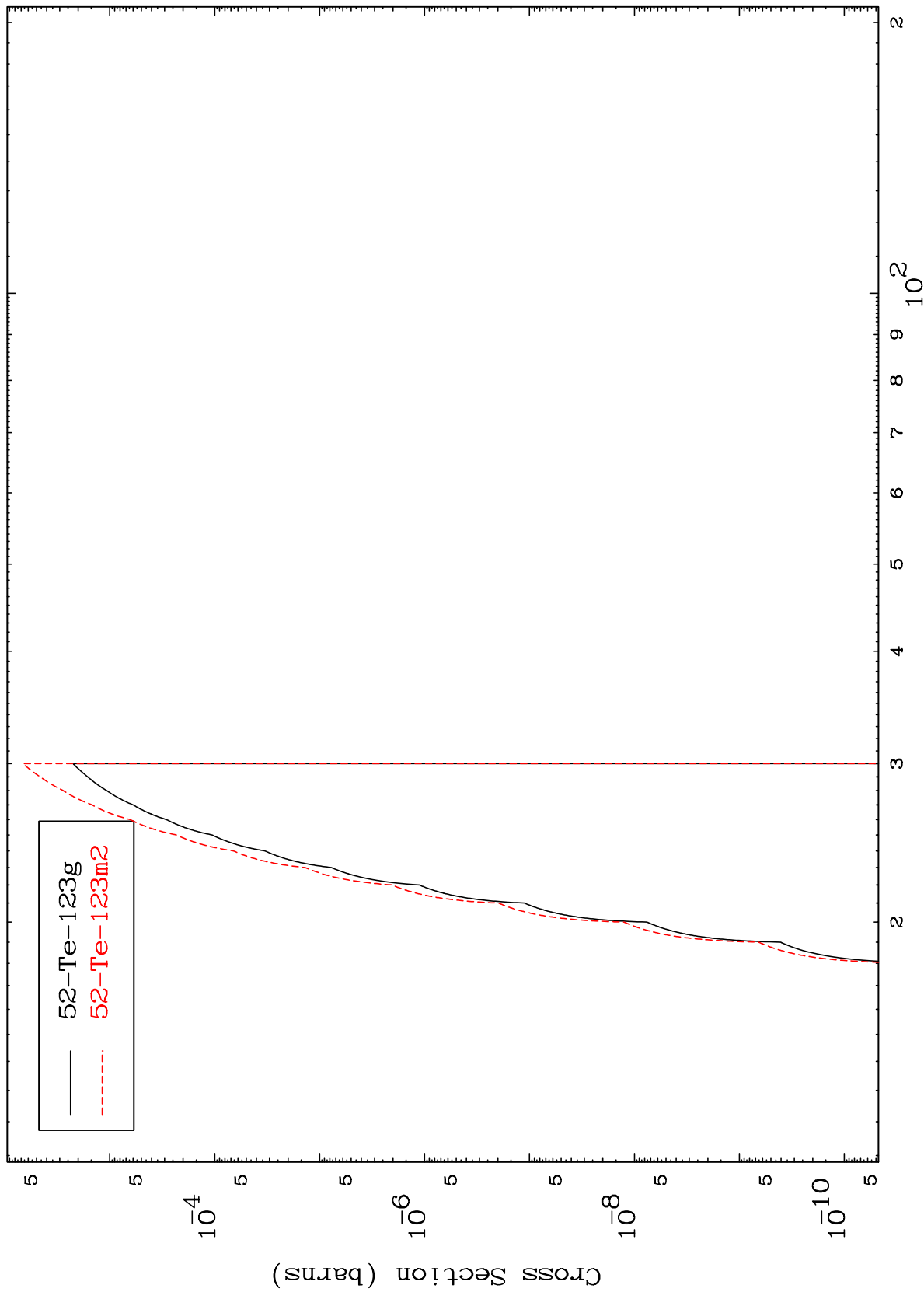


MAT 5437

(n,2n) α

54-Xe-128

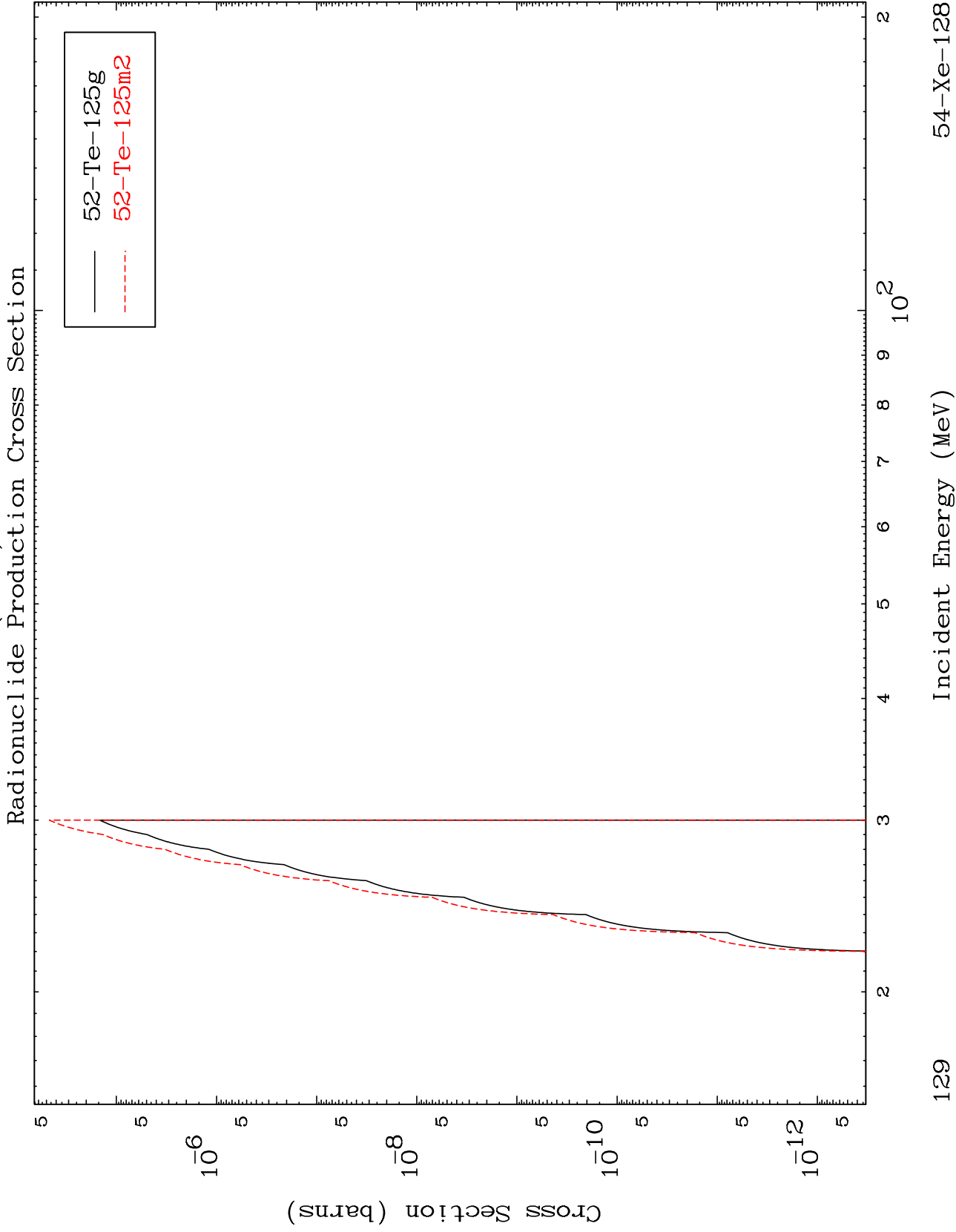
Radionuclide Production Cross Section



128

Incident Energy (MeV)

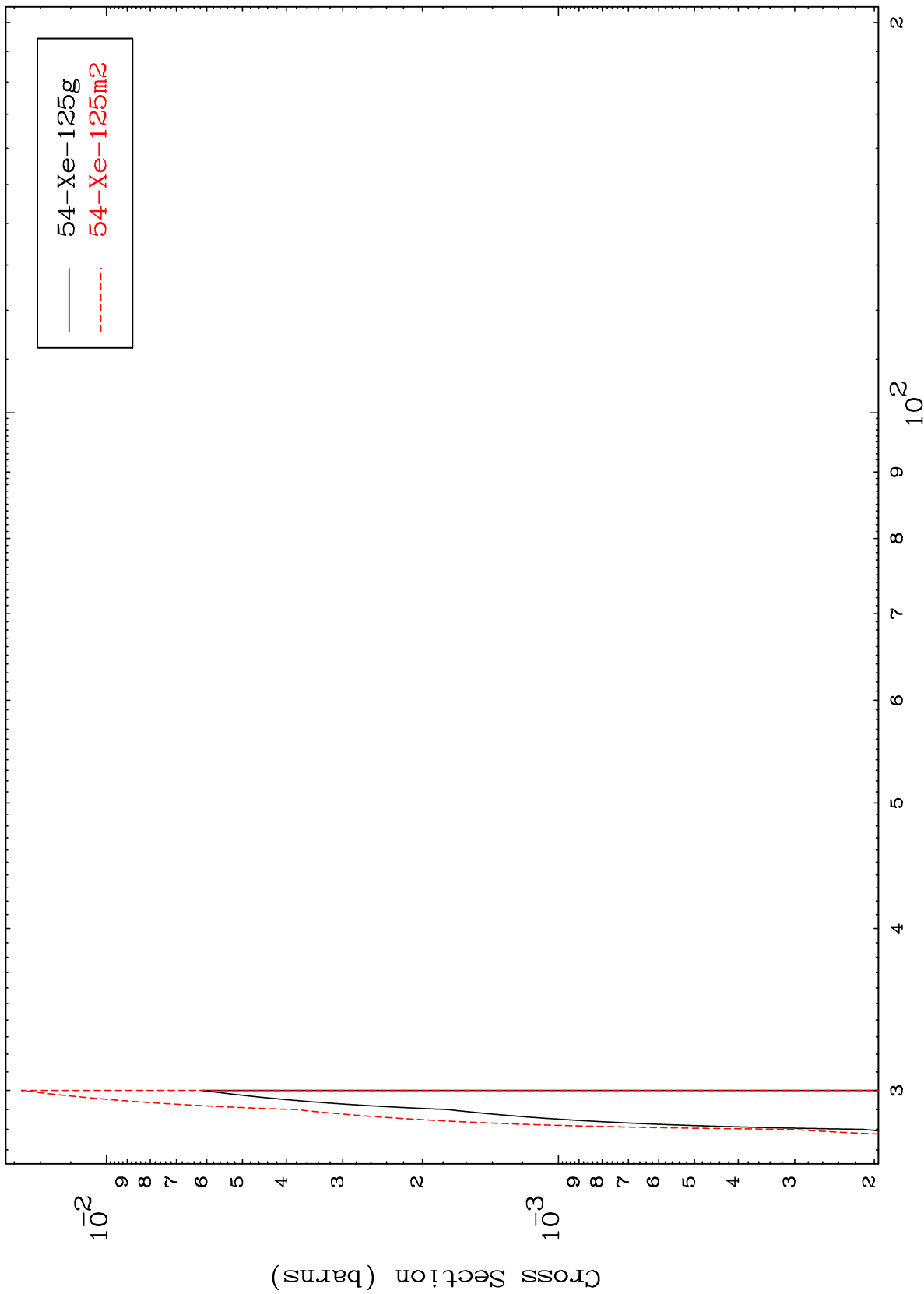
54-Xe-128



MAT 5437

54-Xe-128

(n,4n)
Radionuclide Production Cross Section



54-Xe-128

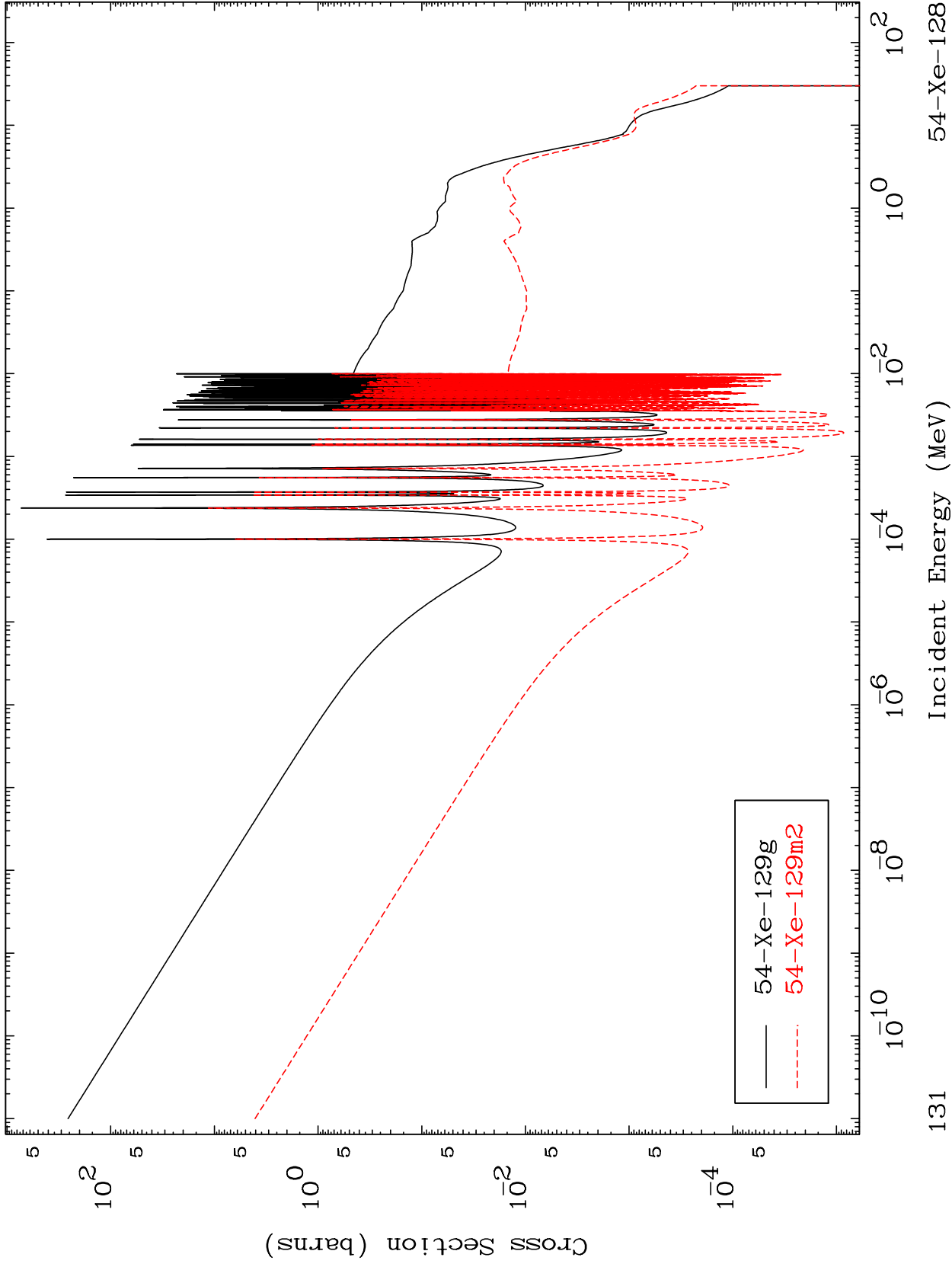
Incident Energy (MeV)

130

MAT 5437

54-Xe-128

(n, γ)
Radionuclide Production Cross Section



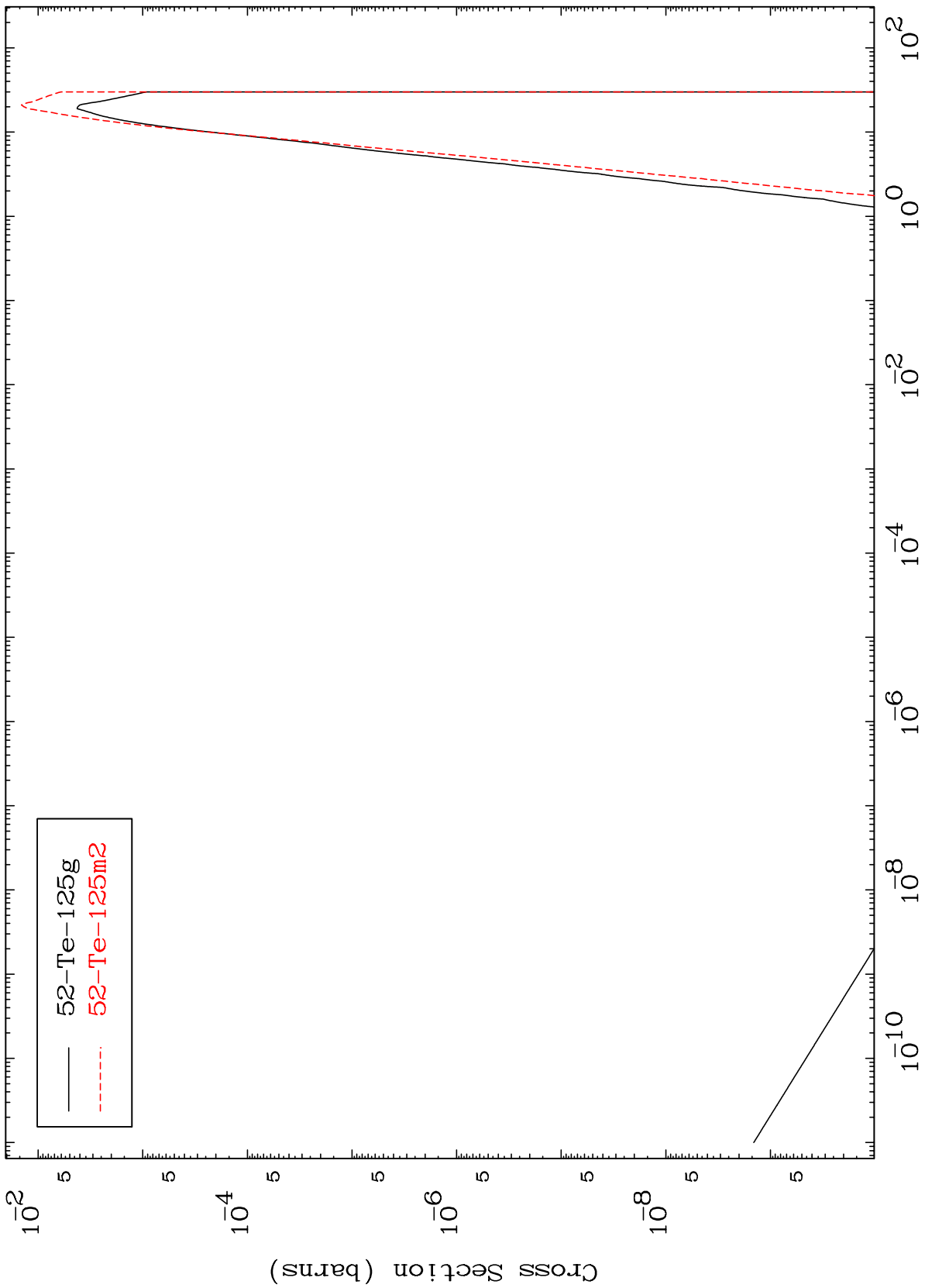
131

MAT 5437

(n, α)

54-Xe-128

Radionuclide Production Cross Section



132

Incident Energy (MeV)

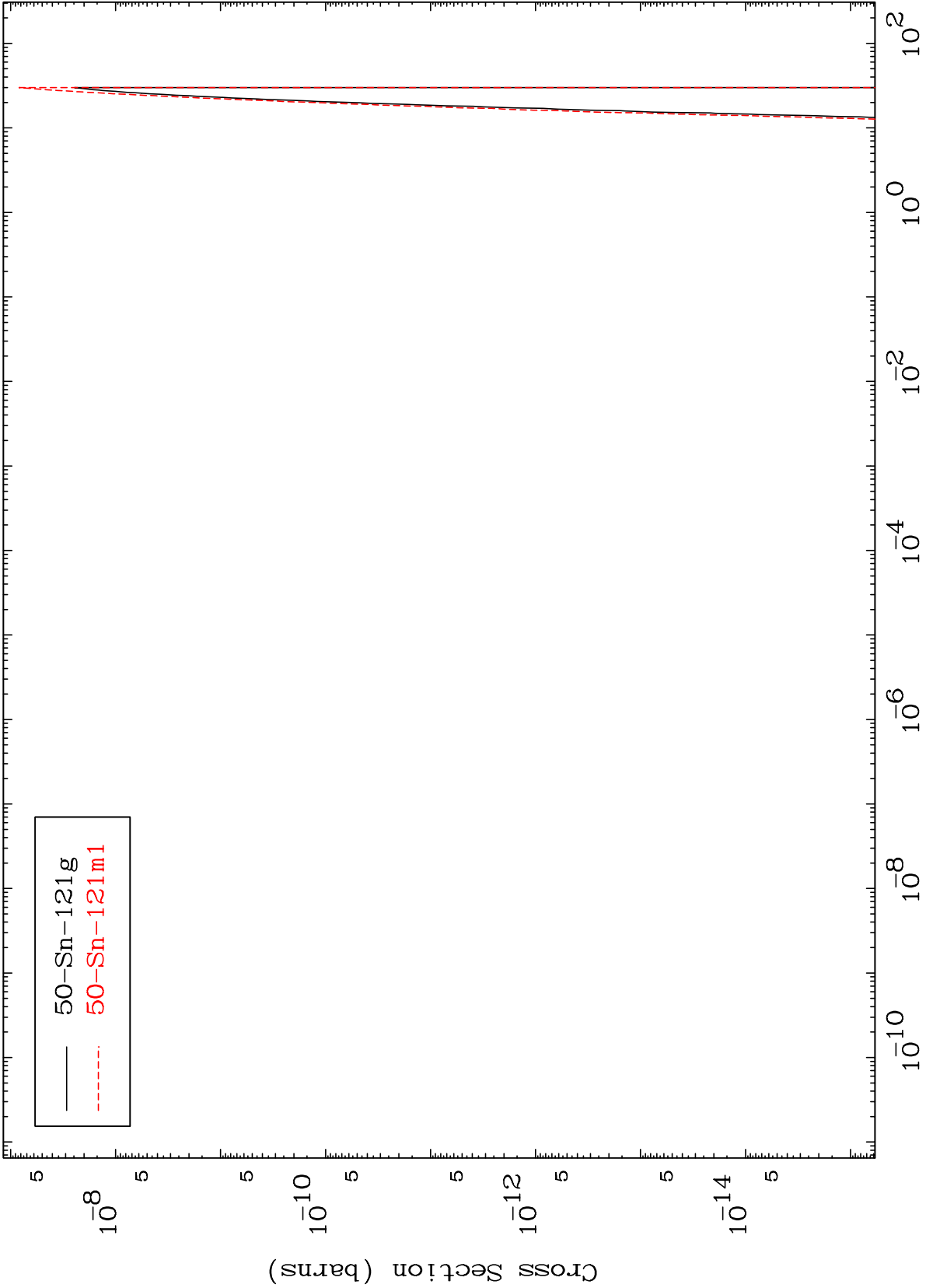
54-Xe-128

MAT 5437

(n,2α)

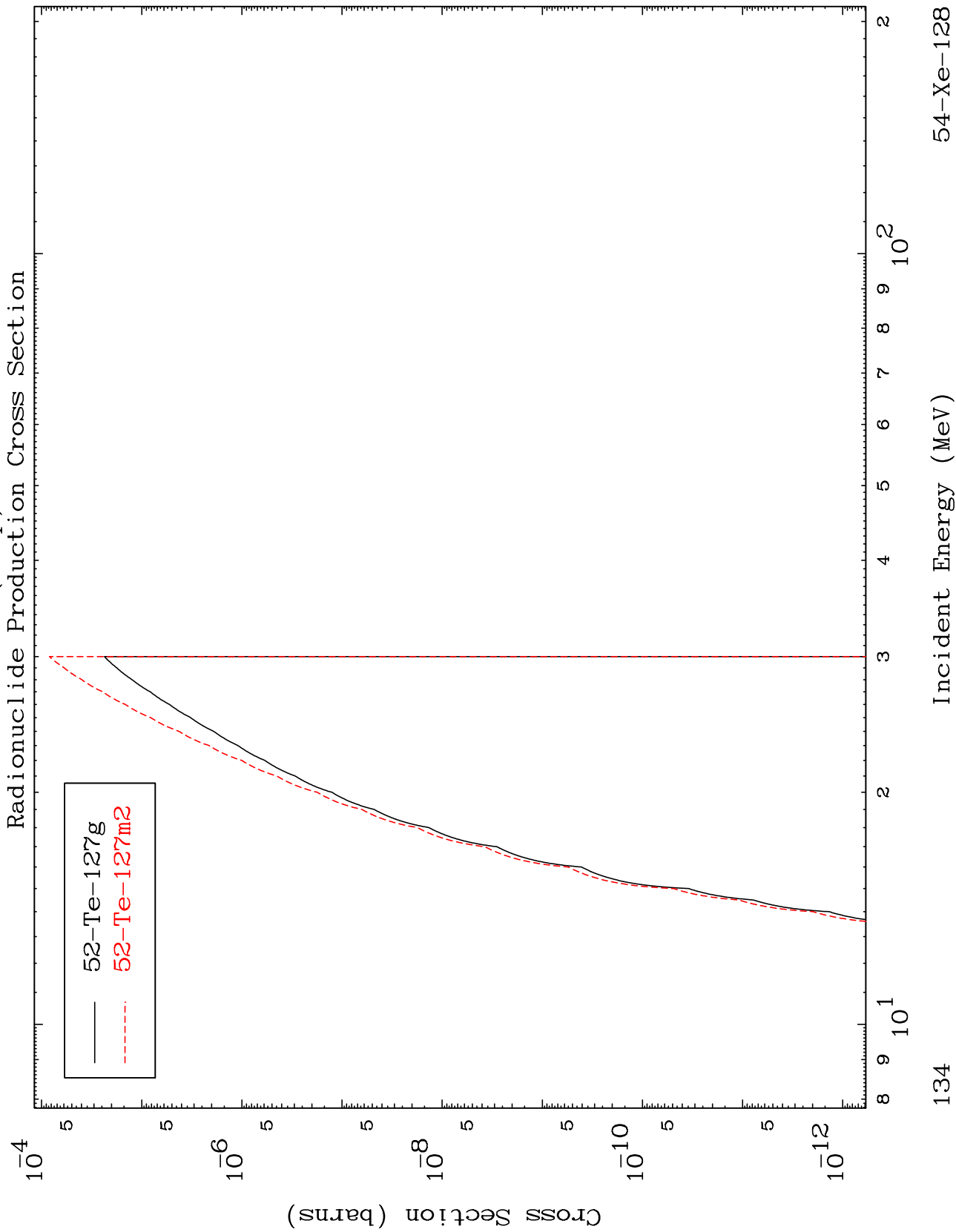
54-Xe-128

Radionuclide Production Cross Section



MAT 5437

54-Xe-128



54-Xe-128

134

