

Program EVALPLOT
(Version 2018-1)

by

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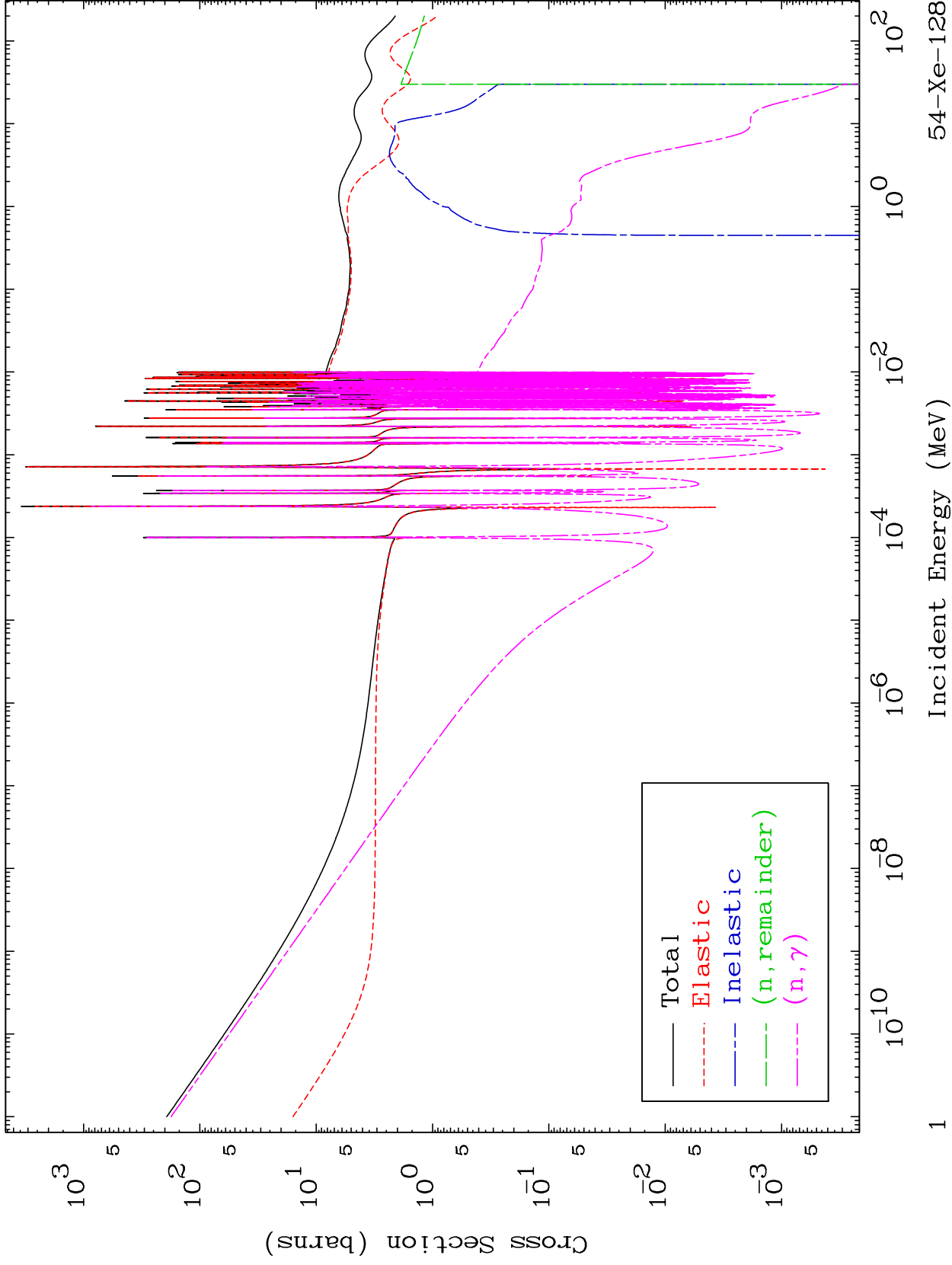
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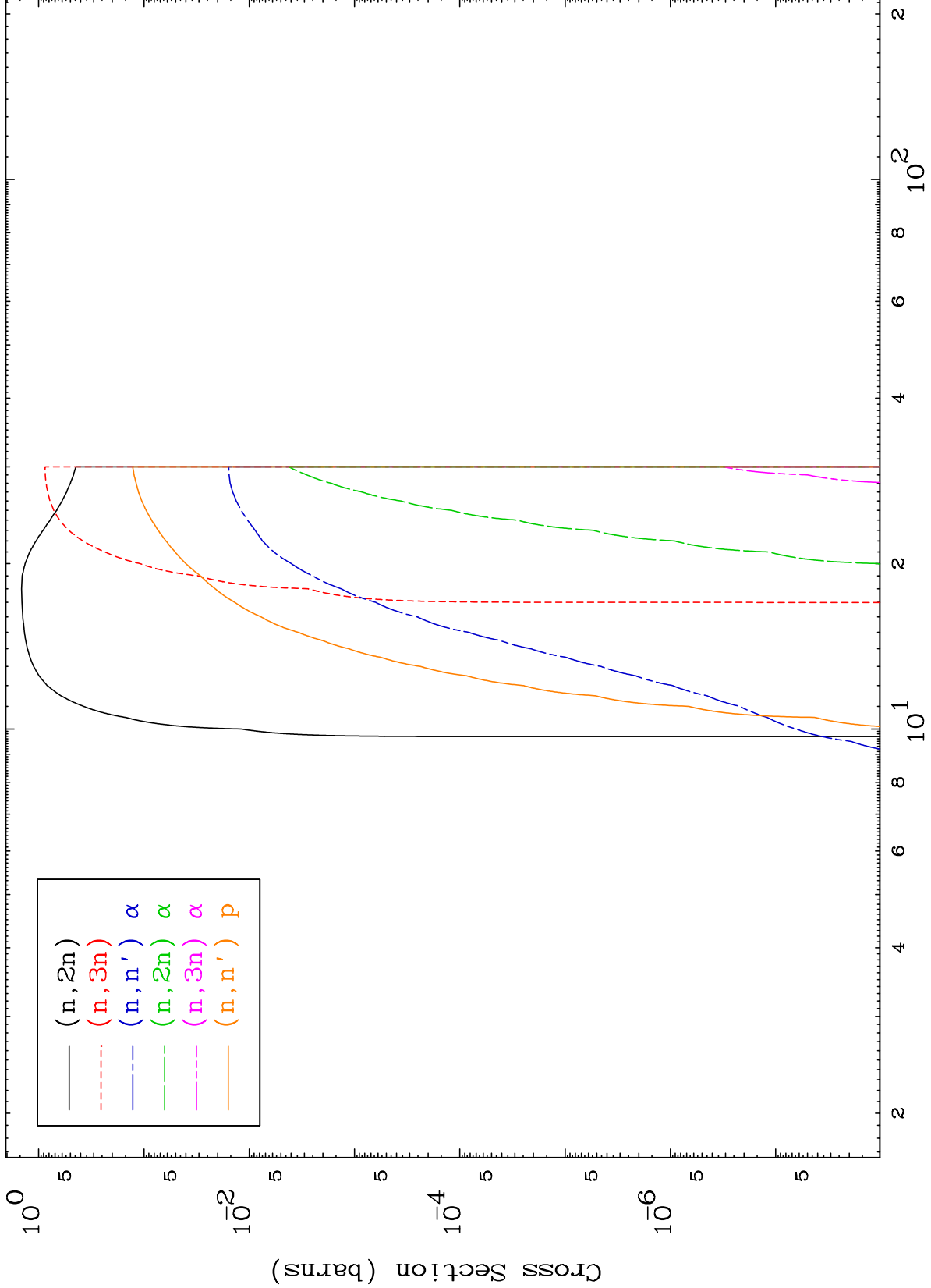
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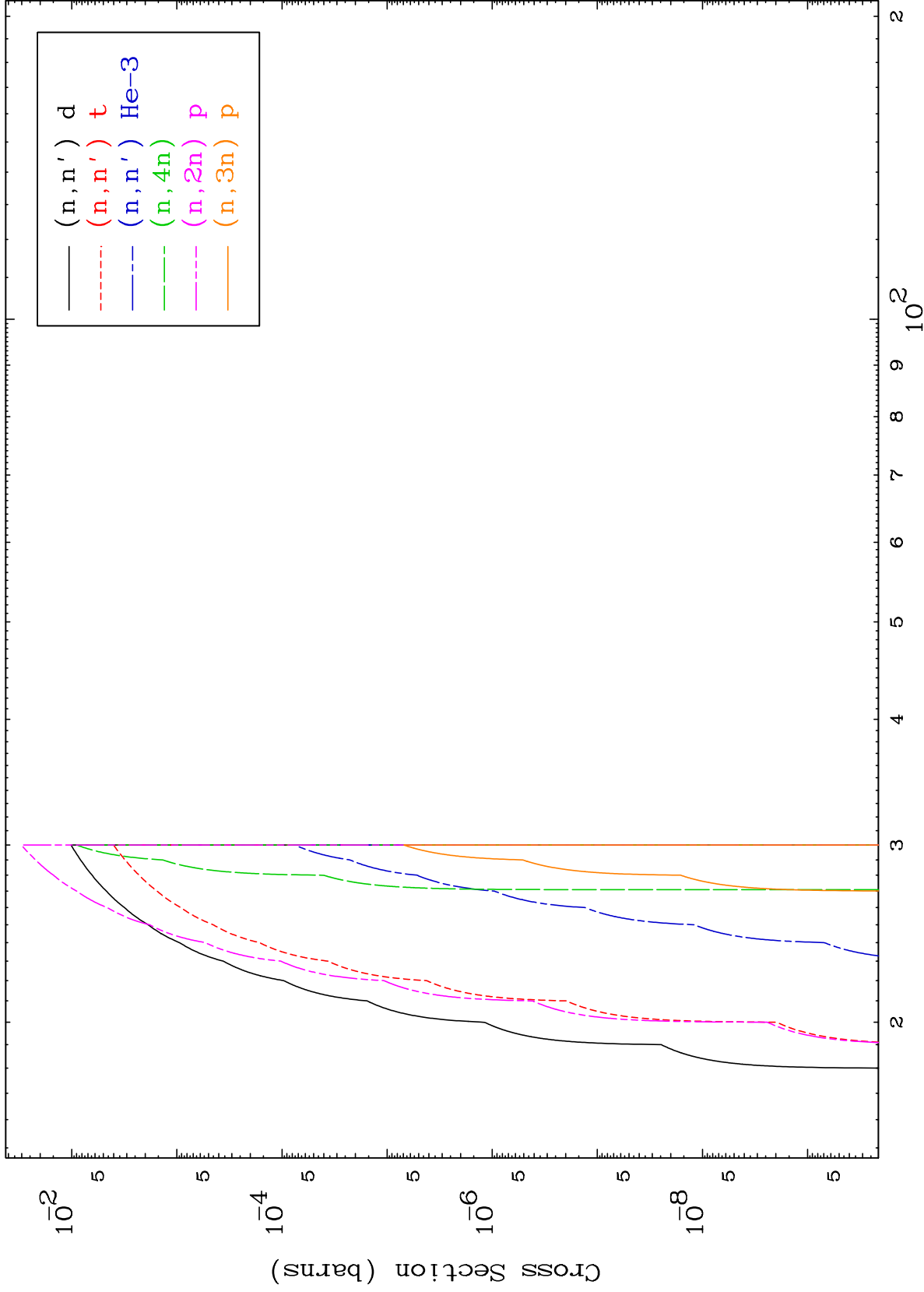
MAT 5437

Major
293 Kelvin Cross Sections

54-Xe-128



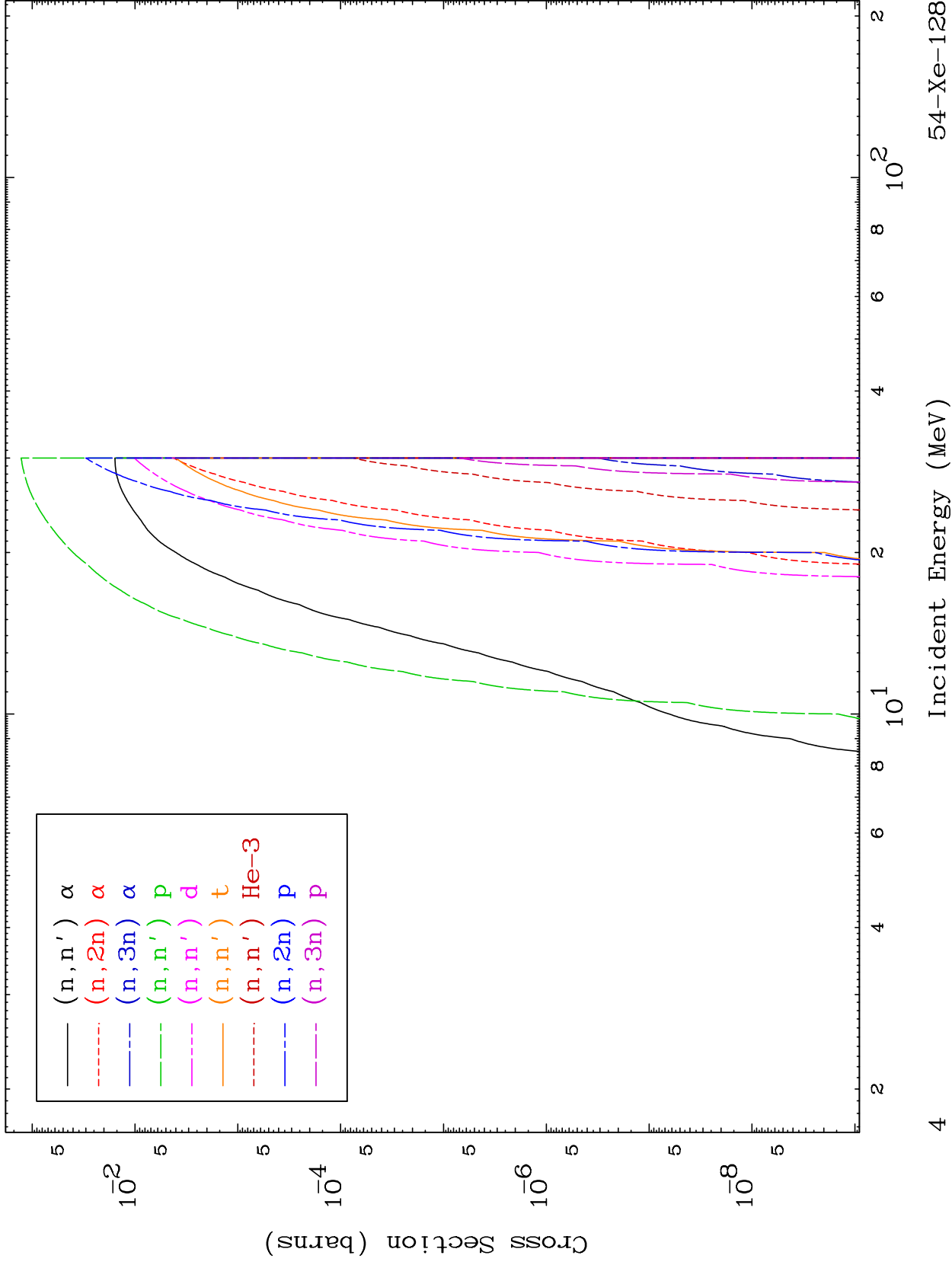




MAT 5437

Charged Particle
293 Kelvin Cross Sections

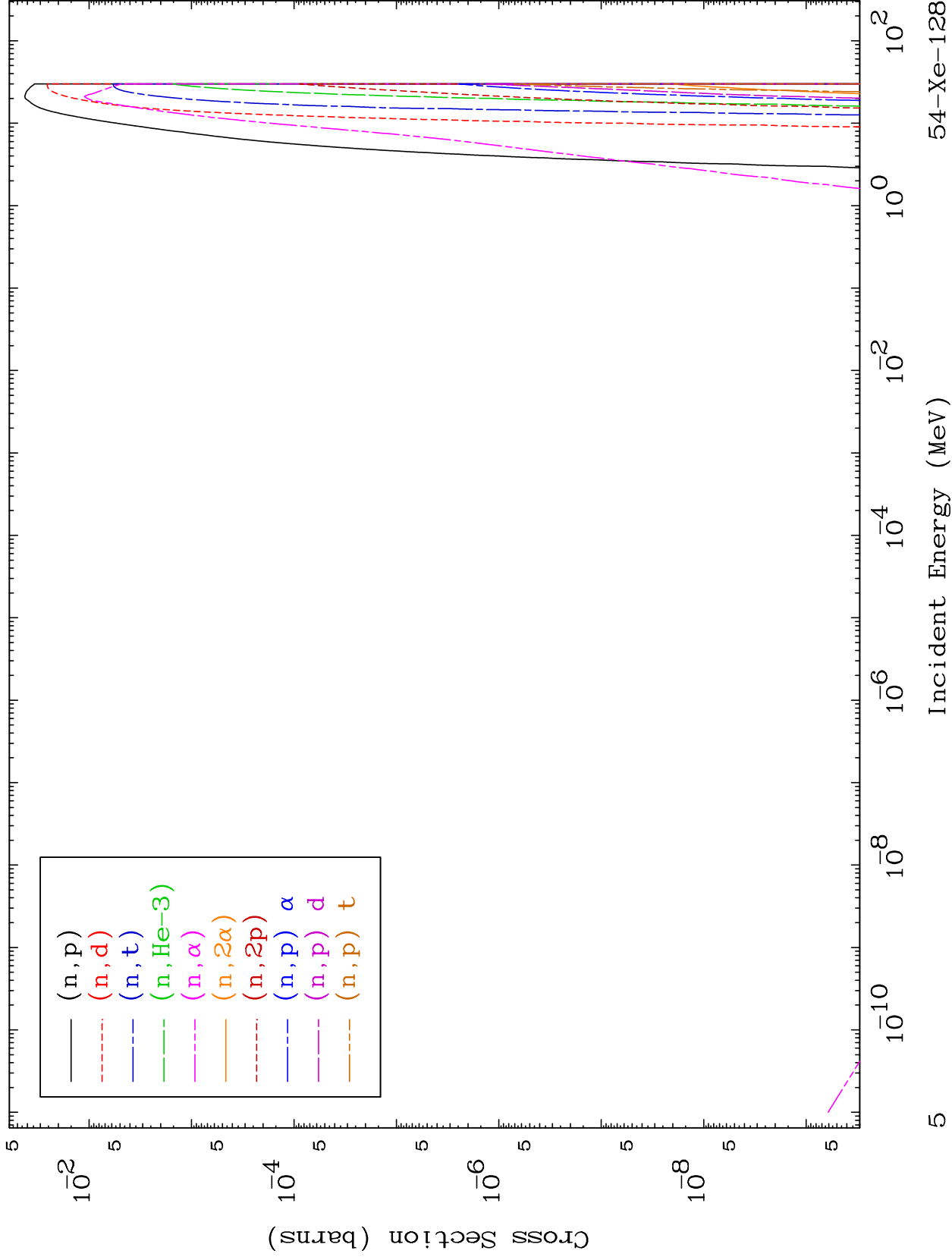
54-Xe-128



MAT 5437

Charged Particle
293 Kelvin Cross Sections

54-Xe-128



54-Xe-128

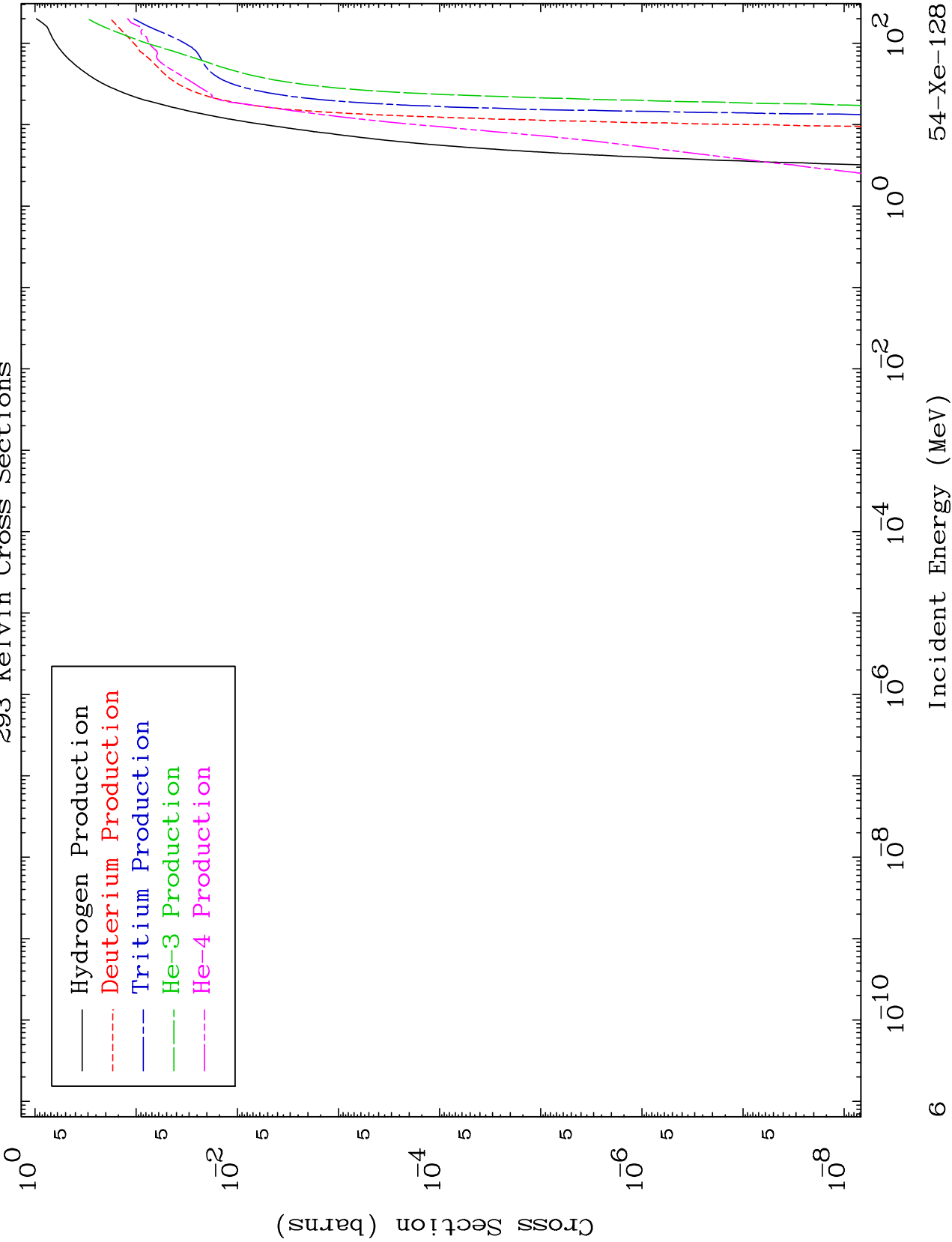
Incident Energy (MeV)

5

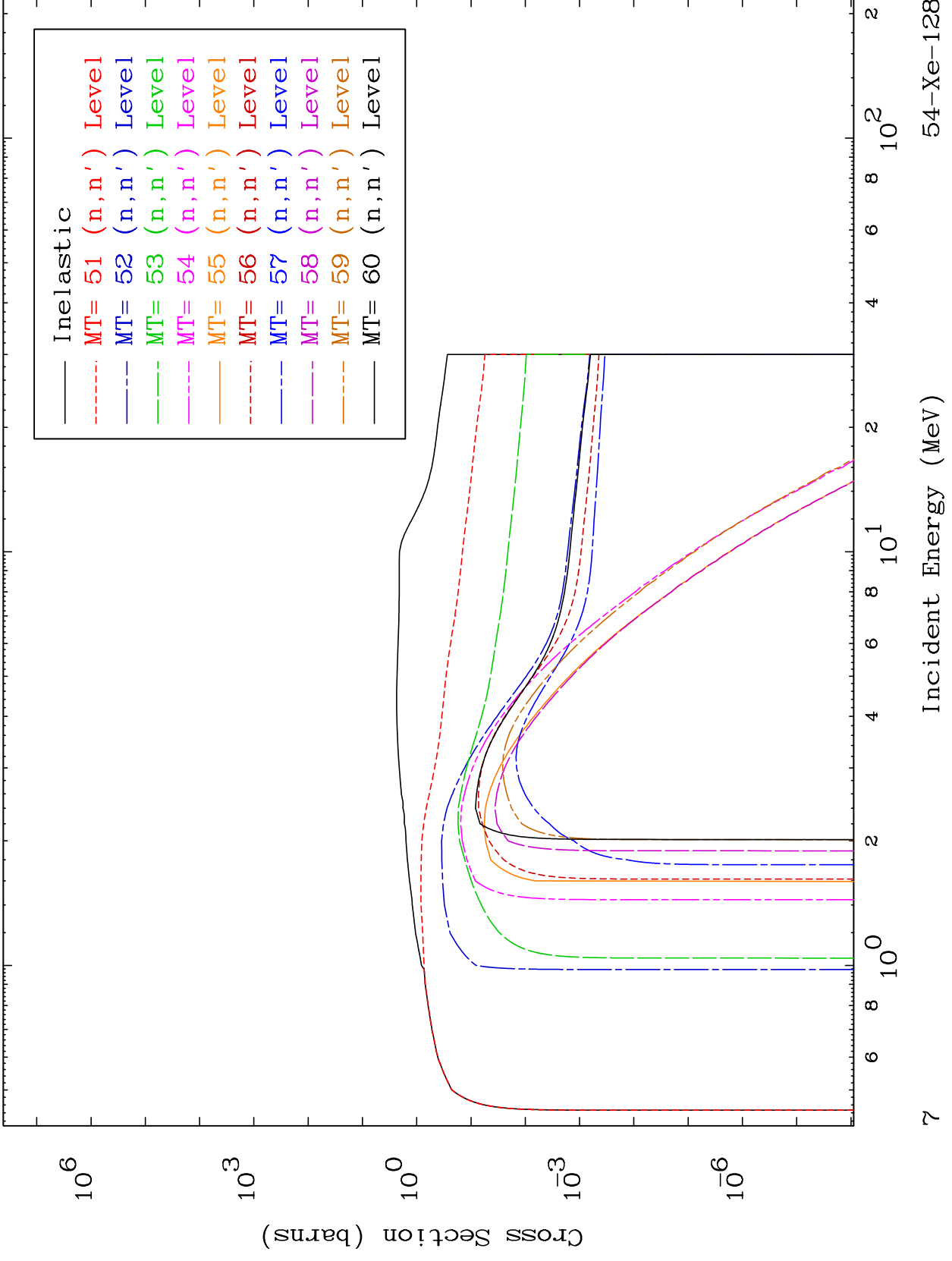
MAT 5437

Particle Production
293 Kelvin Cross Sections

54-Xe-128



293 Kelvin Cross Sections

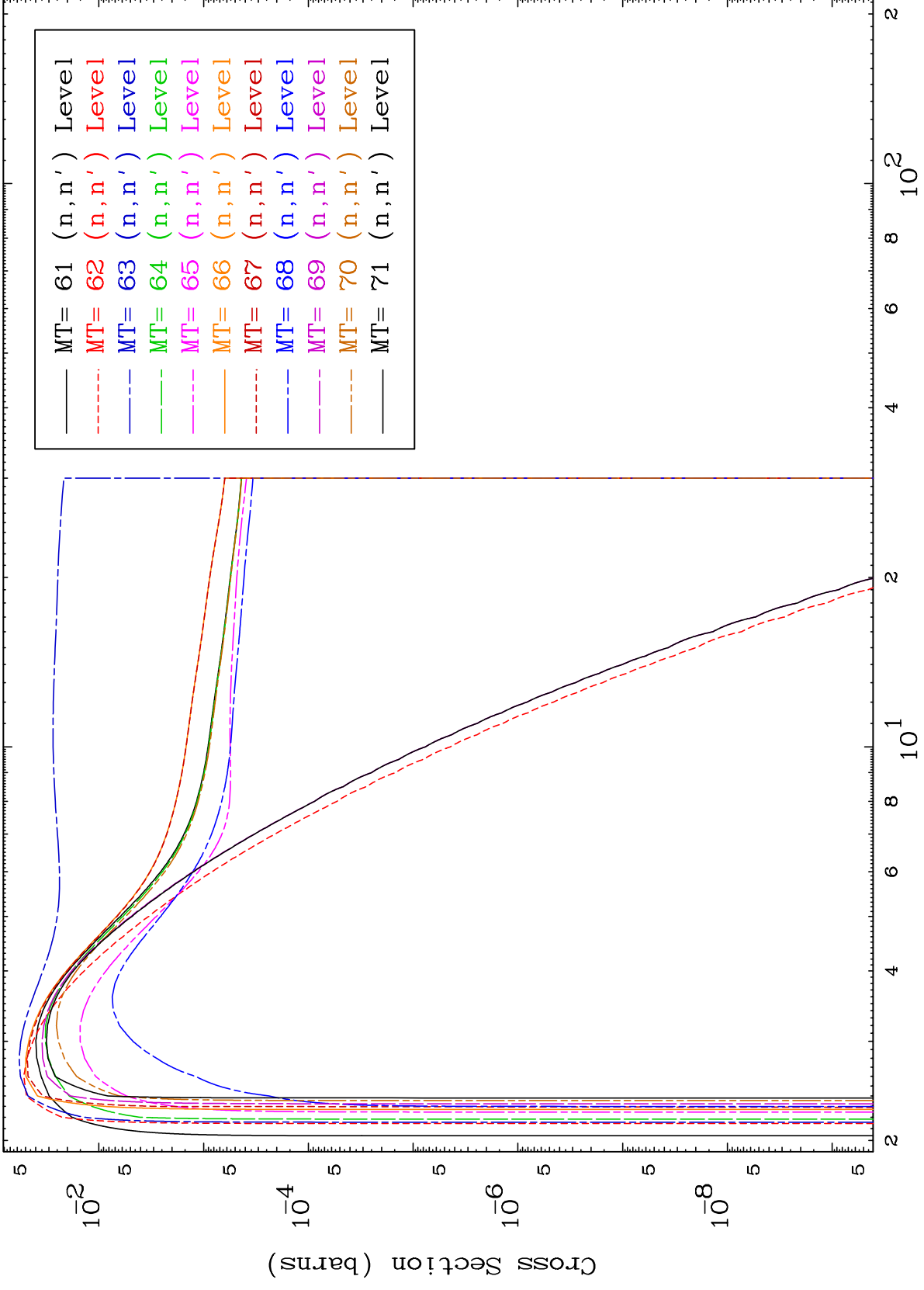


MAT 5437

(n,n') Level

54-Xe-128

293 Kelvin Cross Sections

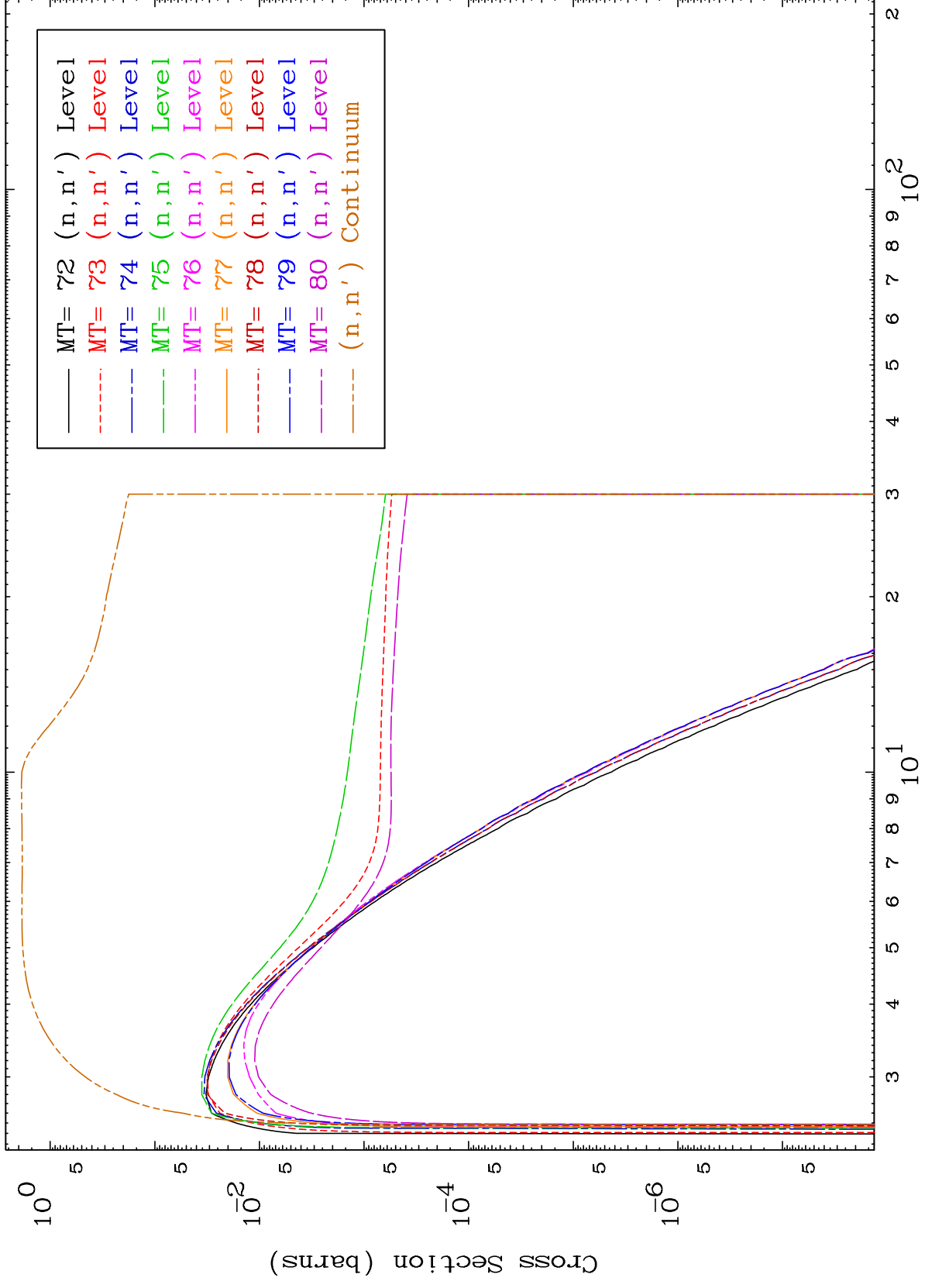


8

Incident Energy (MeV)

54-Xe-128

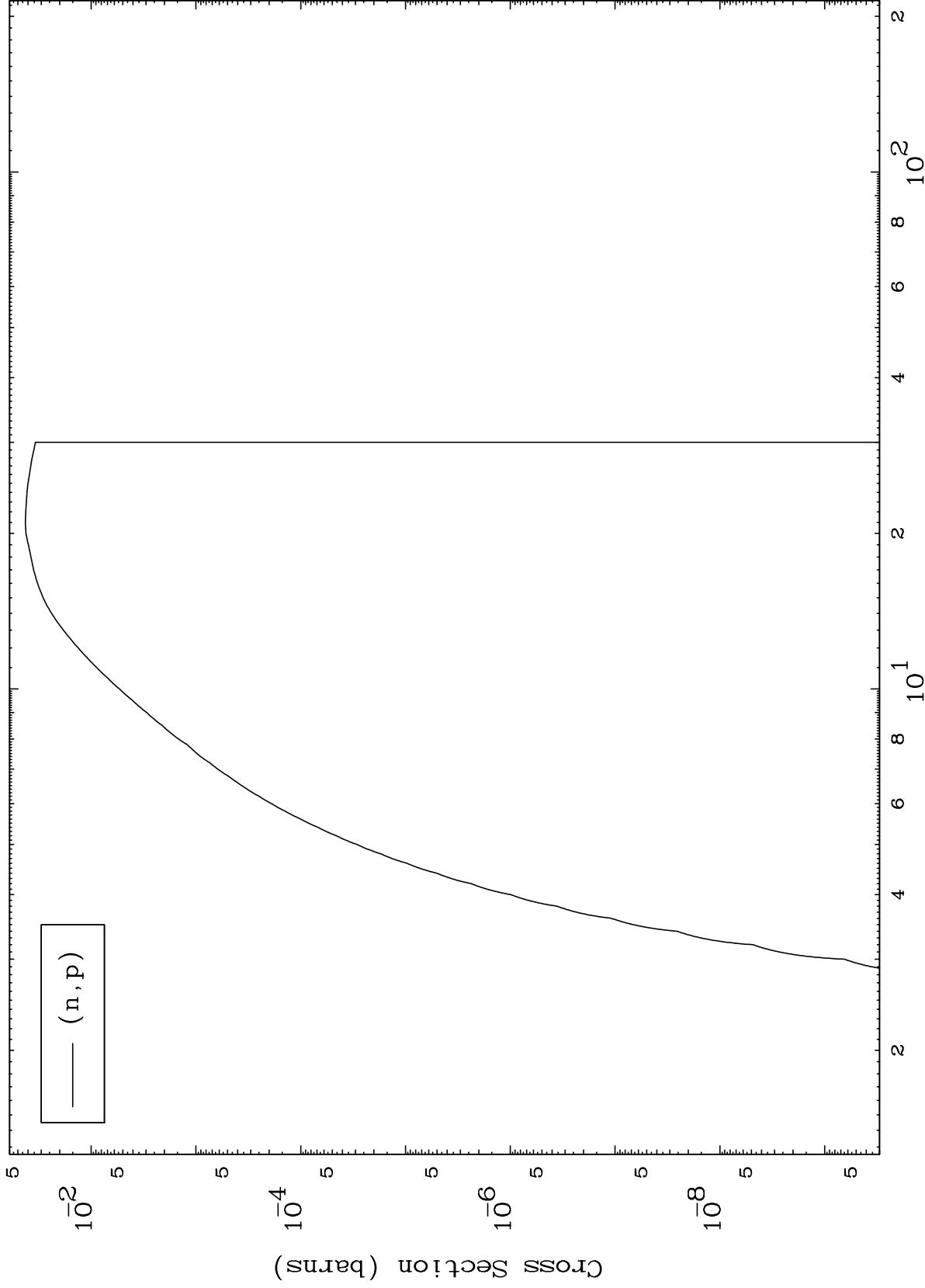
293 Kelvin Cross Sections



MAT 5437

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-128



10

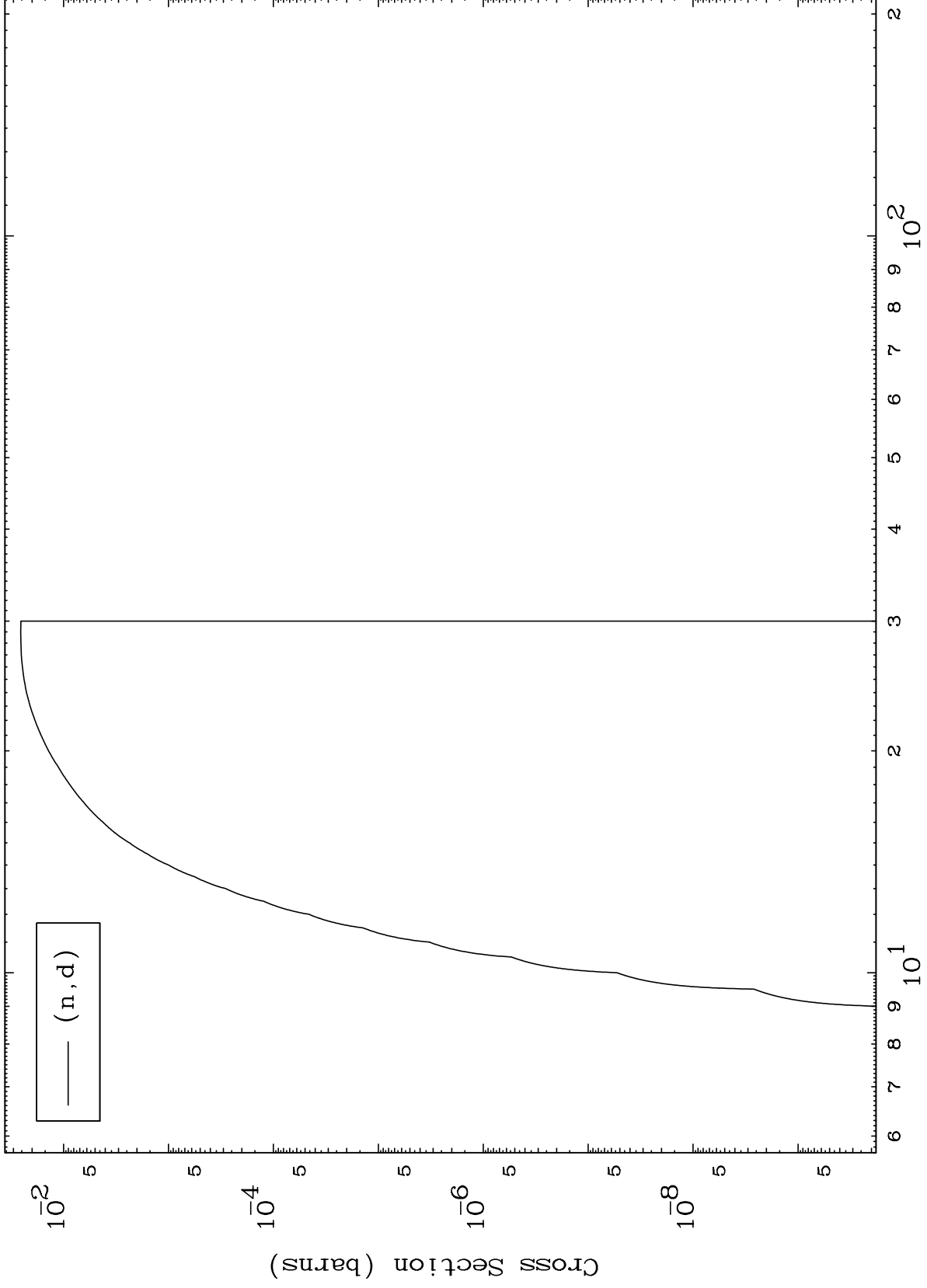
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,d) Levels
293 Kelvin Cross Sections

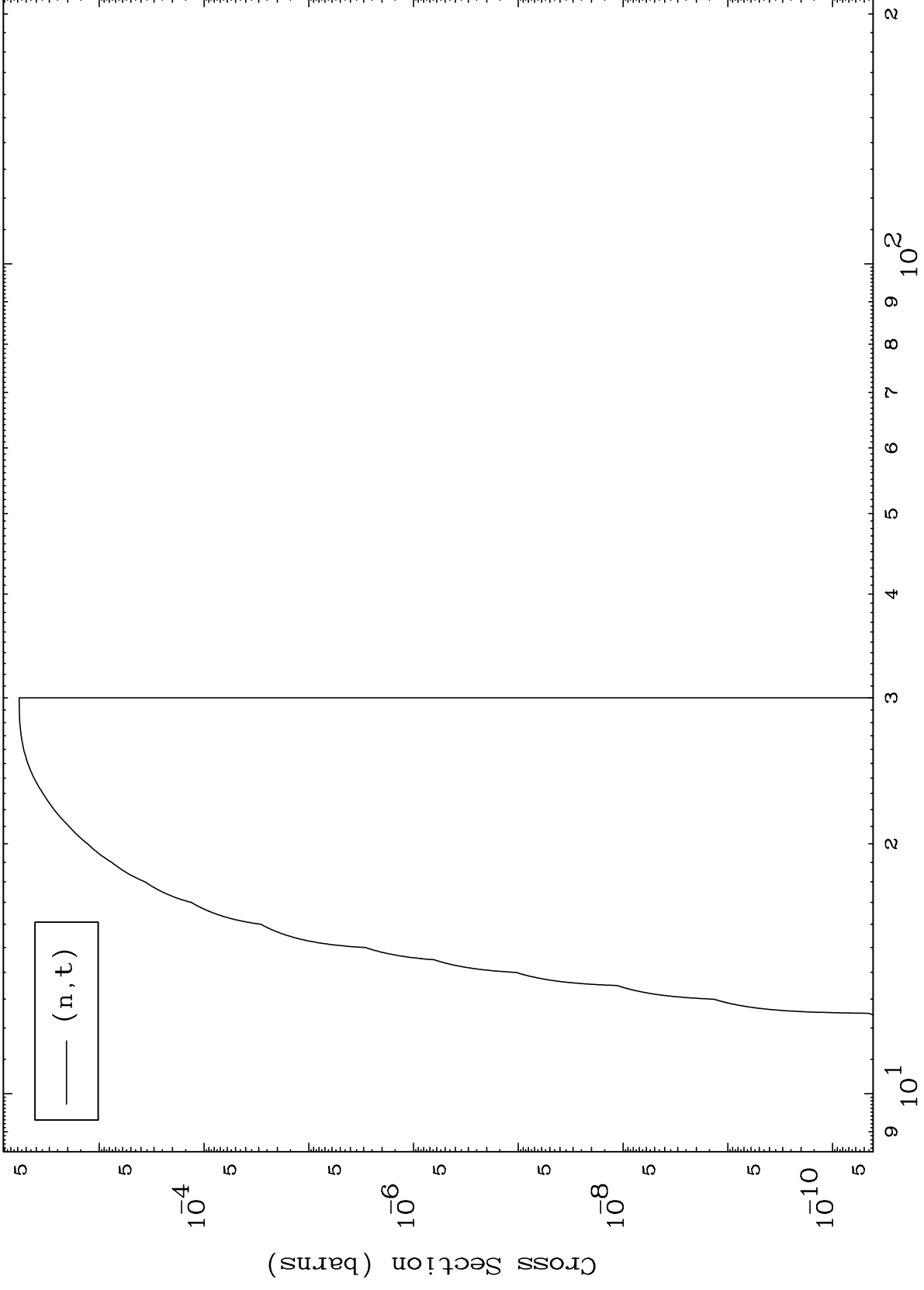
54-Xe-128



MAT 5437

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-128



12

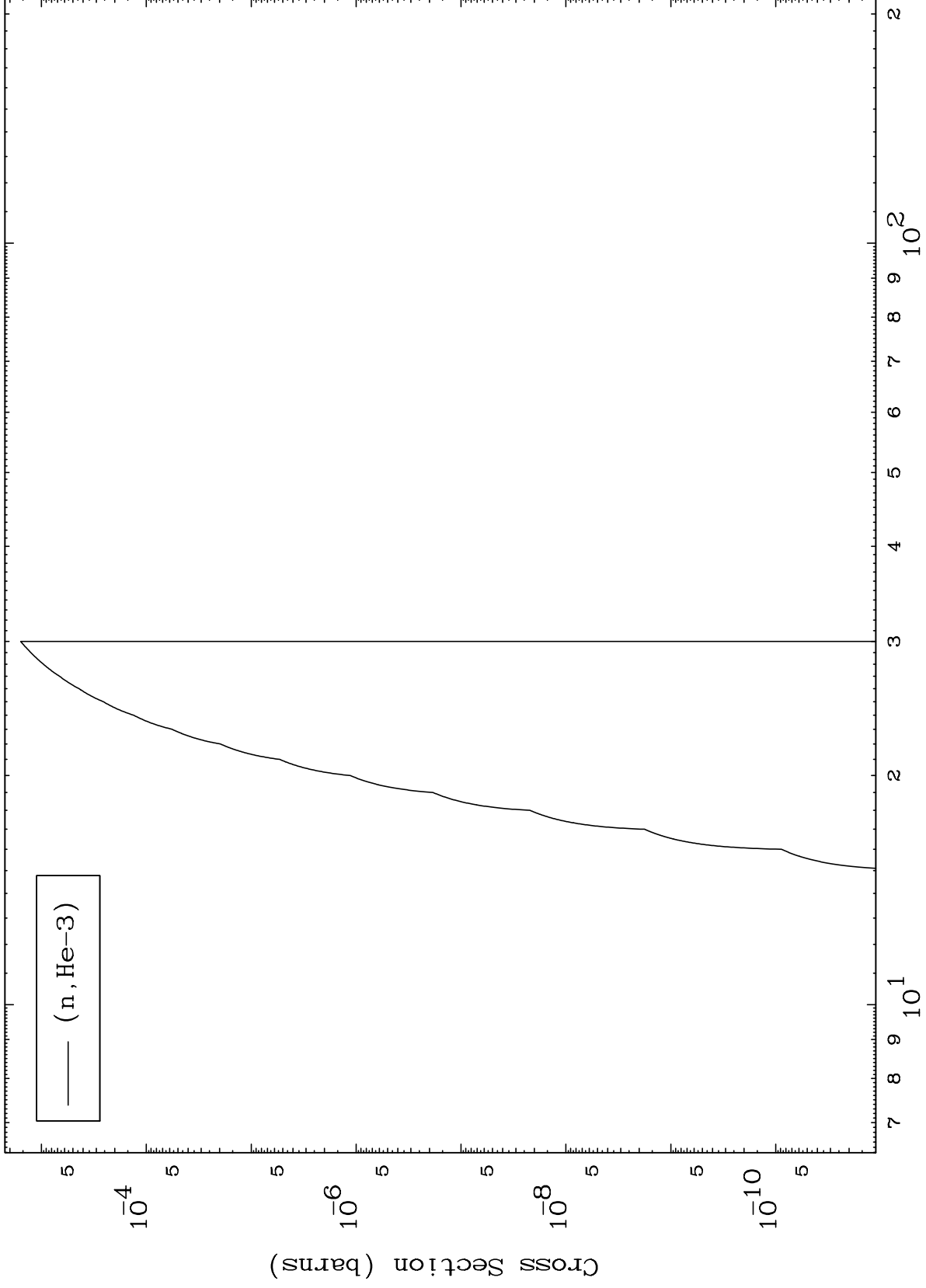
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-128



13

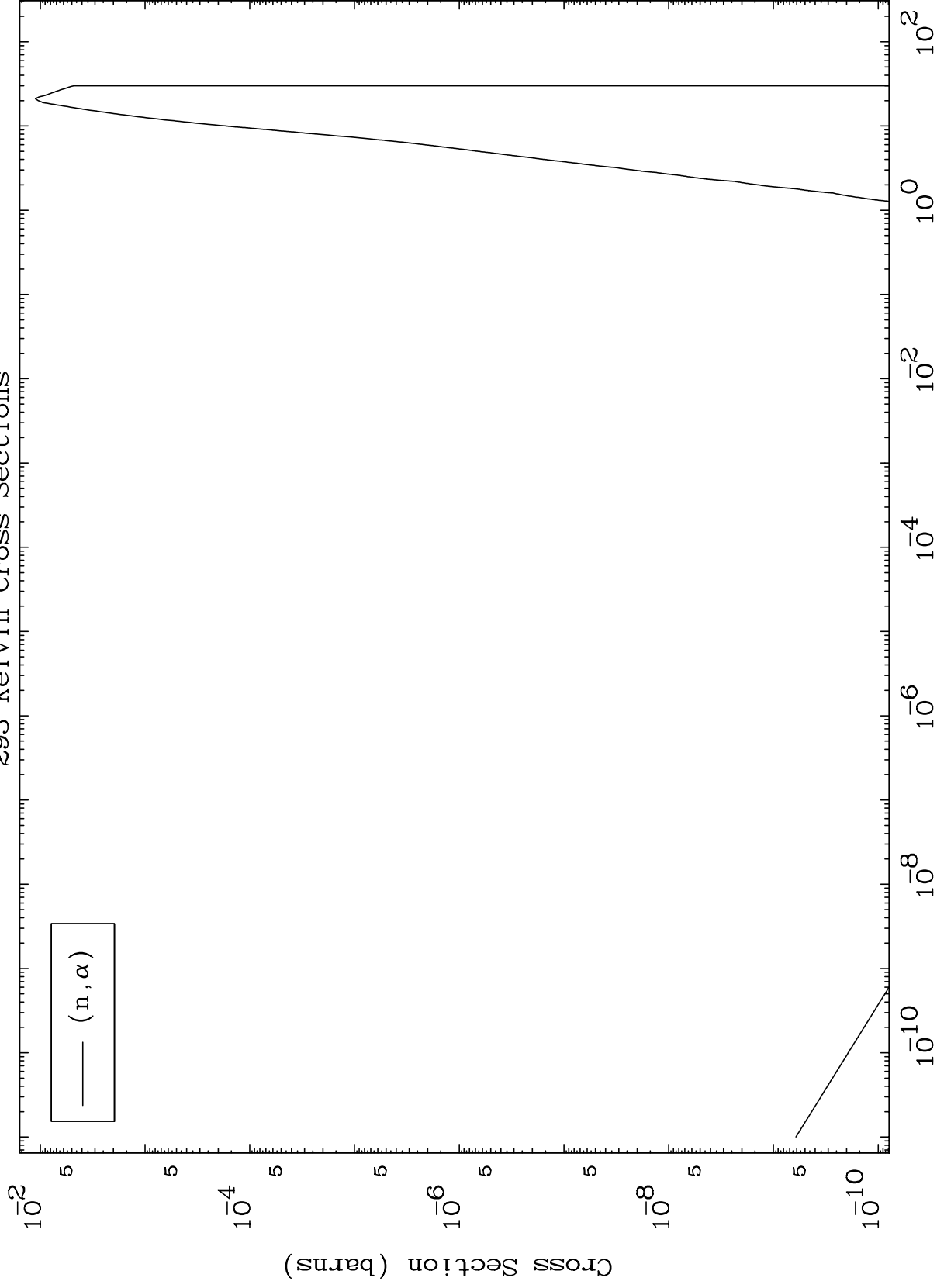
Incident Energy (MeV)

54-Xe-128

MAT 5437

(n, α) Levels
293 Kelvin Cross Sections

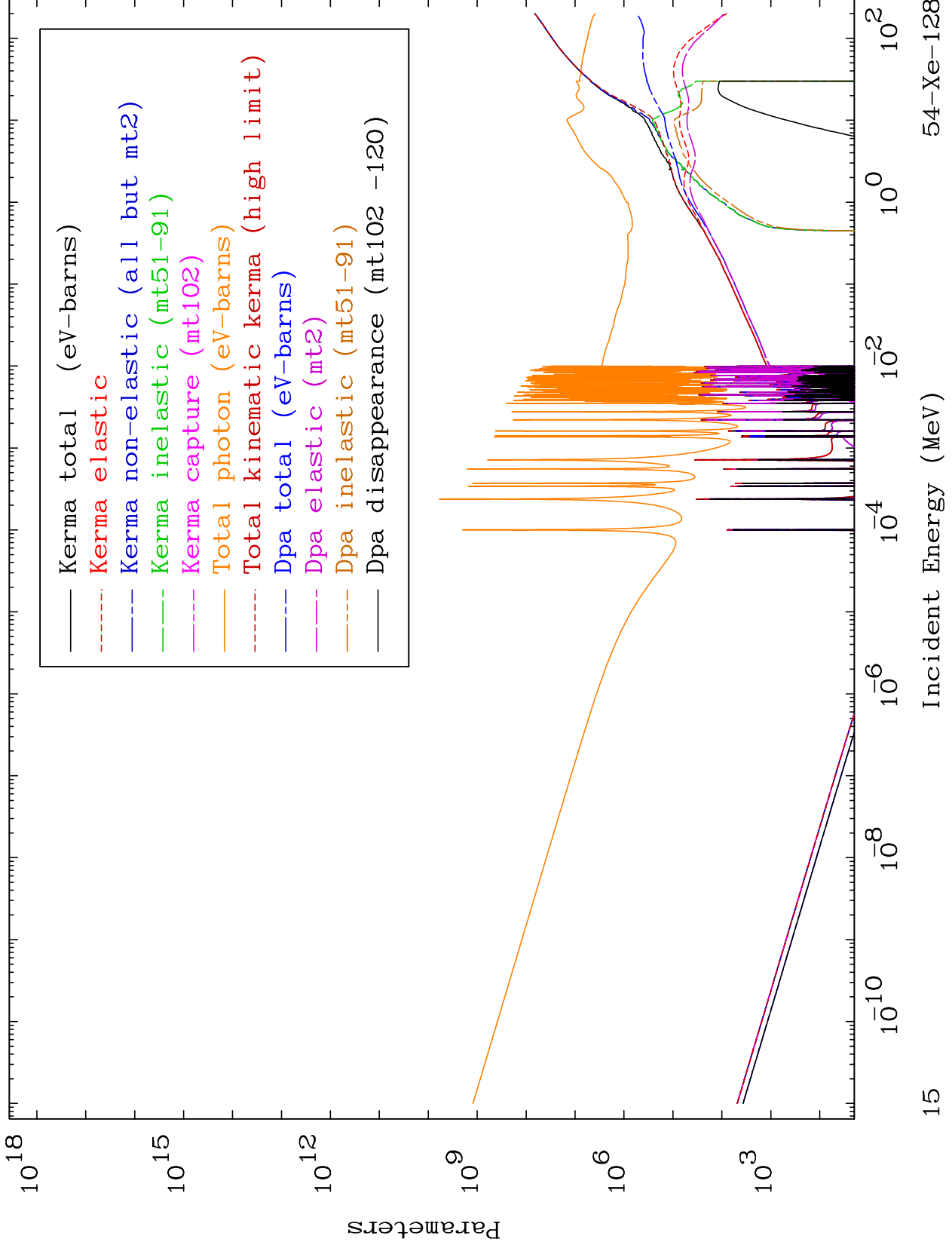
54-Xe-128



14

Incident Energy (MeV)

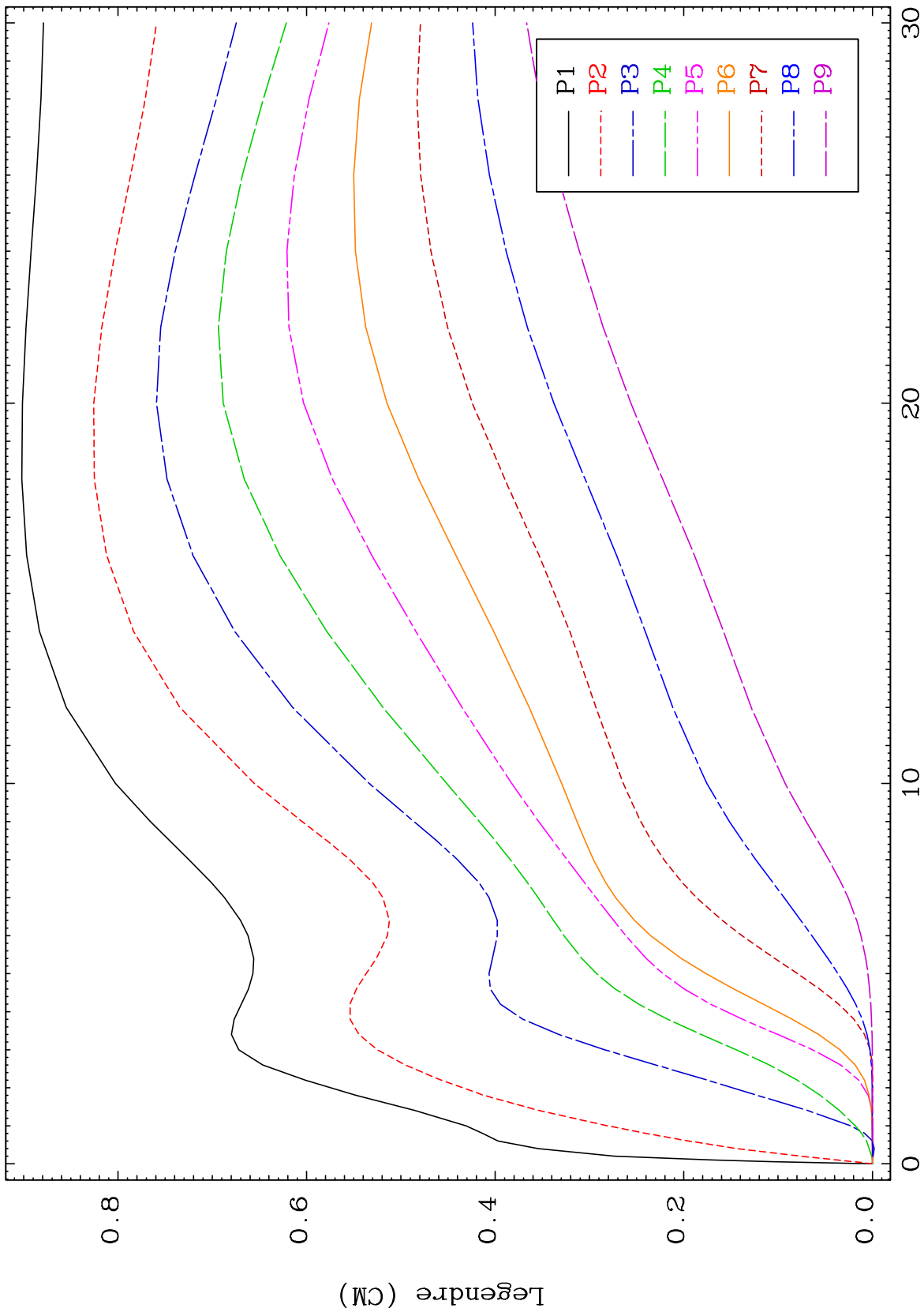
54-Xe-128



MAT 5437

54-Xe-128

Elastic Legendre Coefficients



16

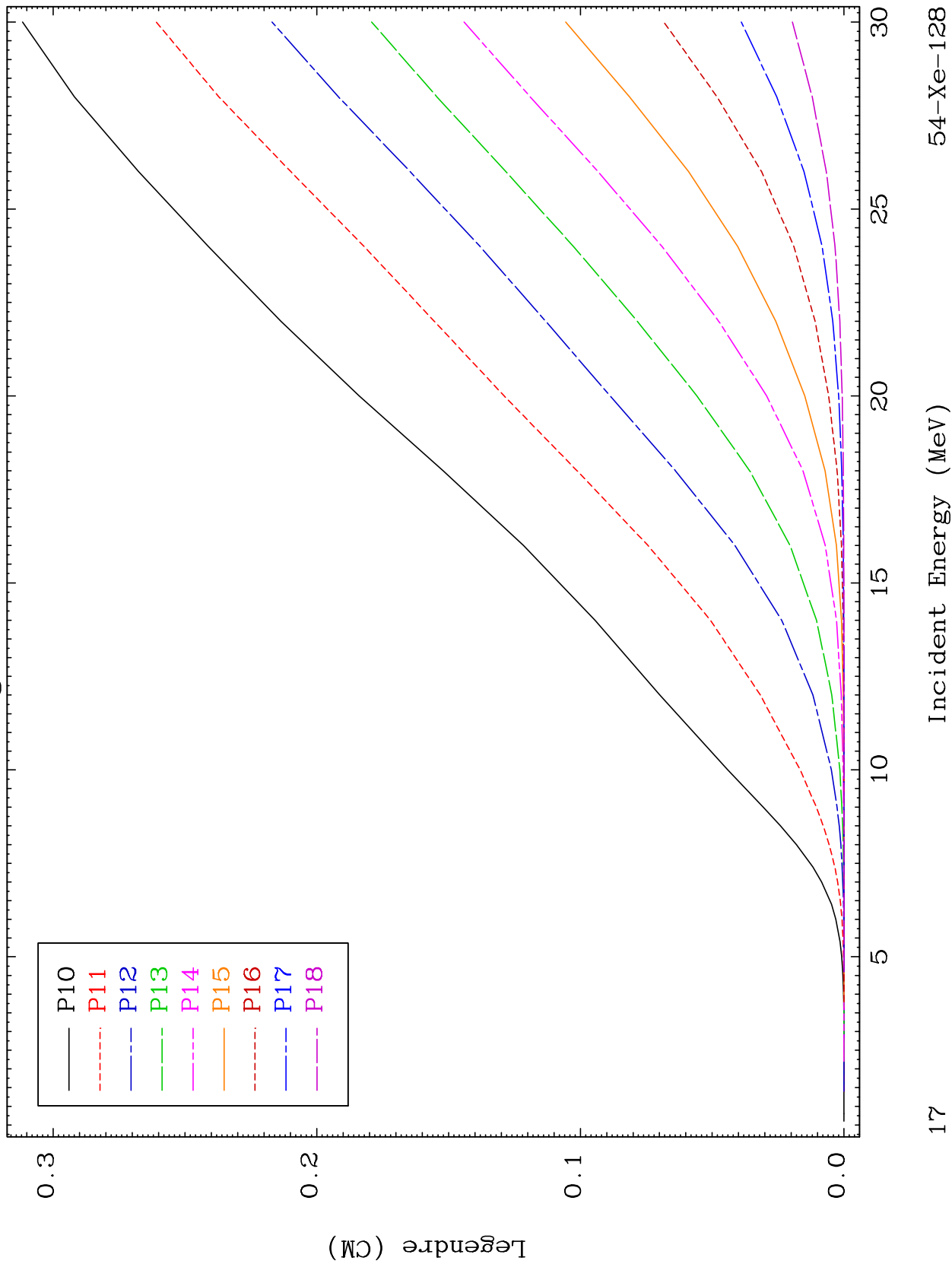
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic Legendre Coefficients

54-Xe-128

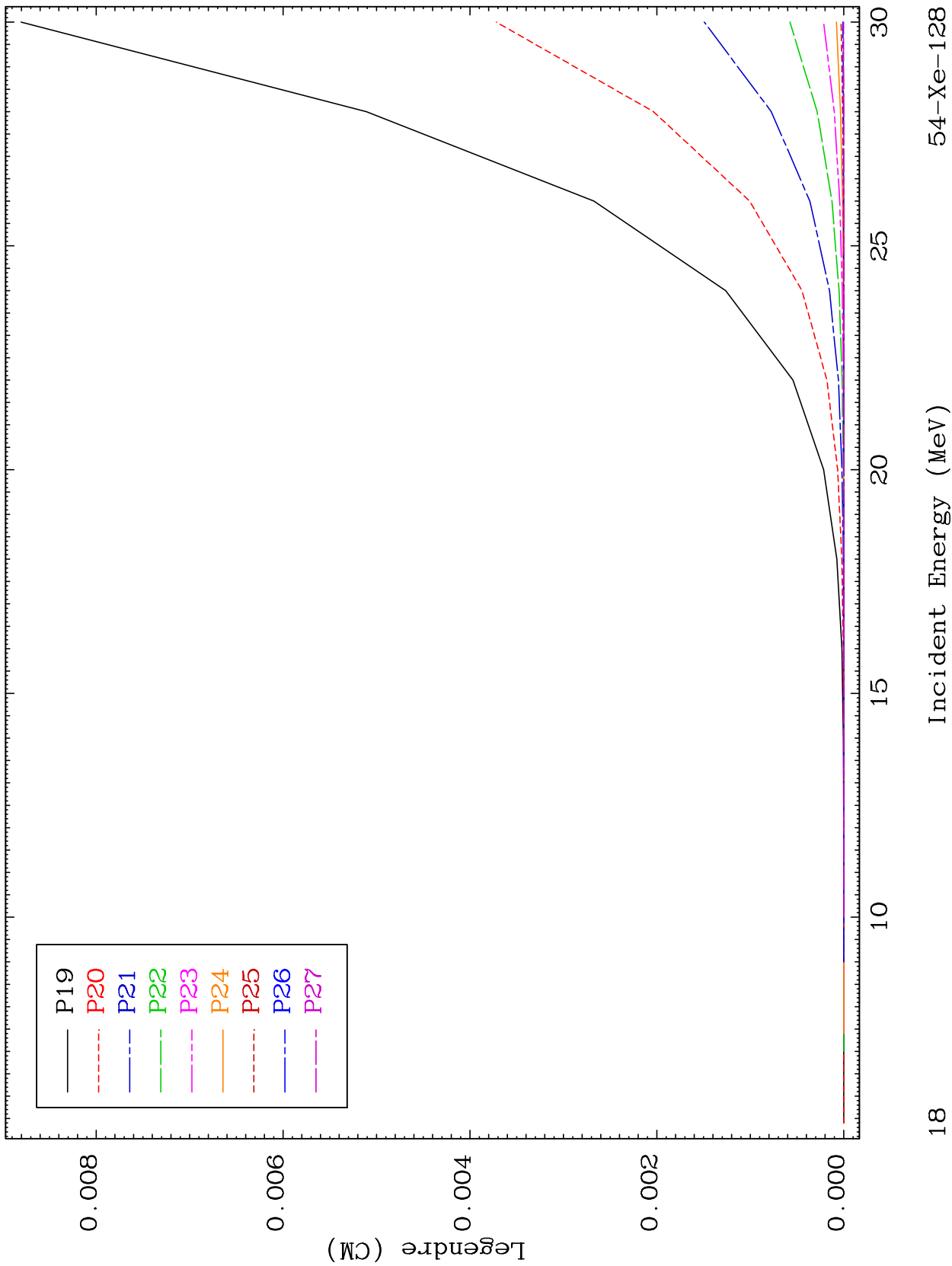


17

MAT 5437

Elastic Legendre Coefficients

54-Xe-128



18

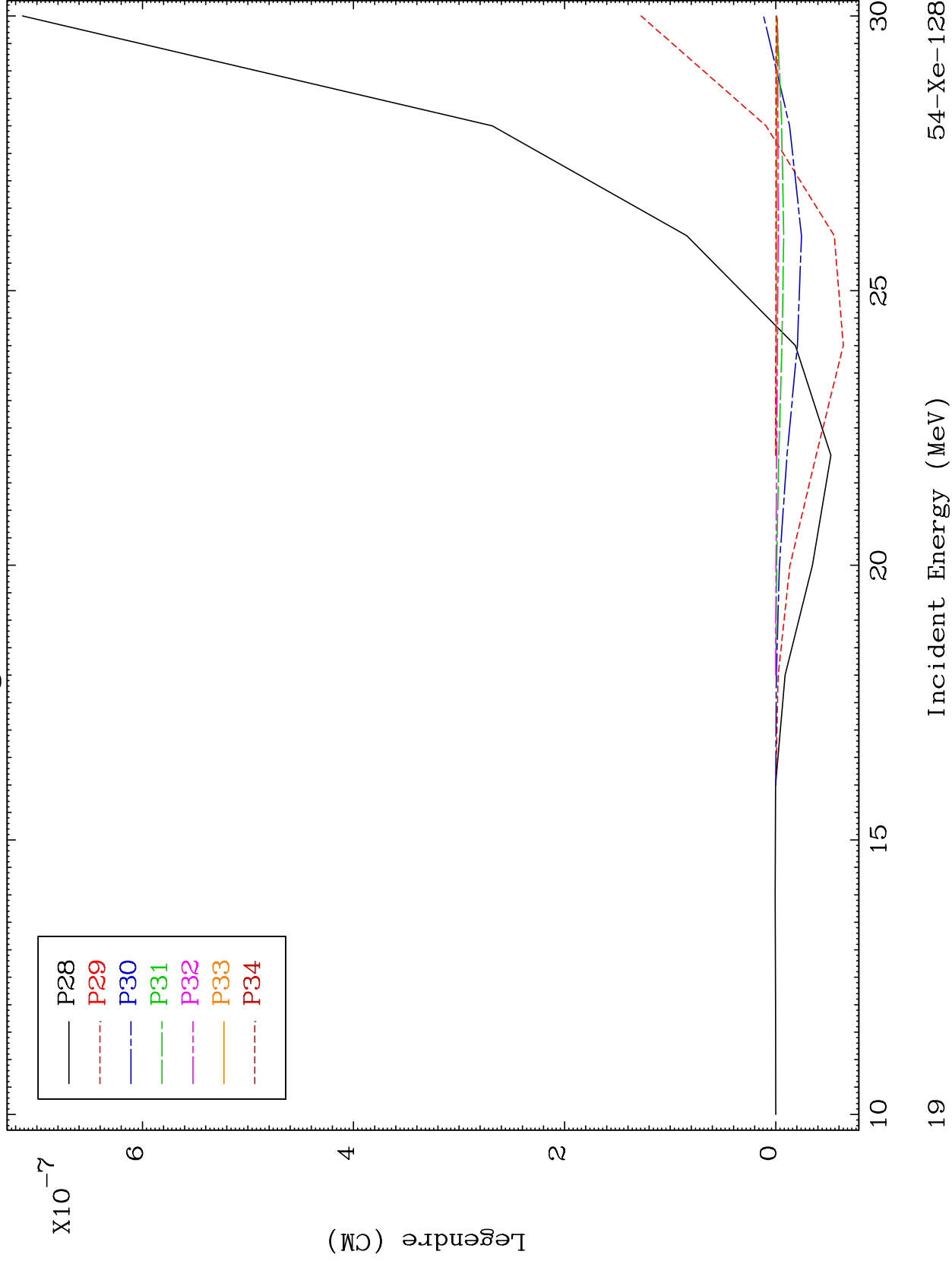
Incident Energy (MeV)

54-Xe-128

MAT 5437

Elastic
Legendre Coefficients

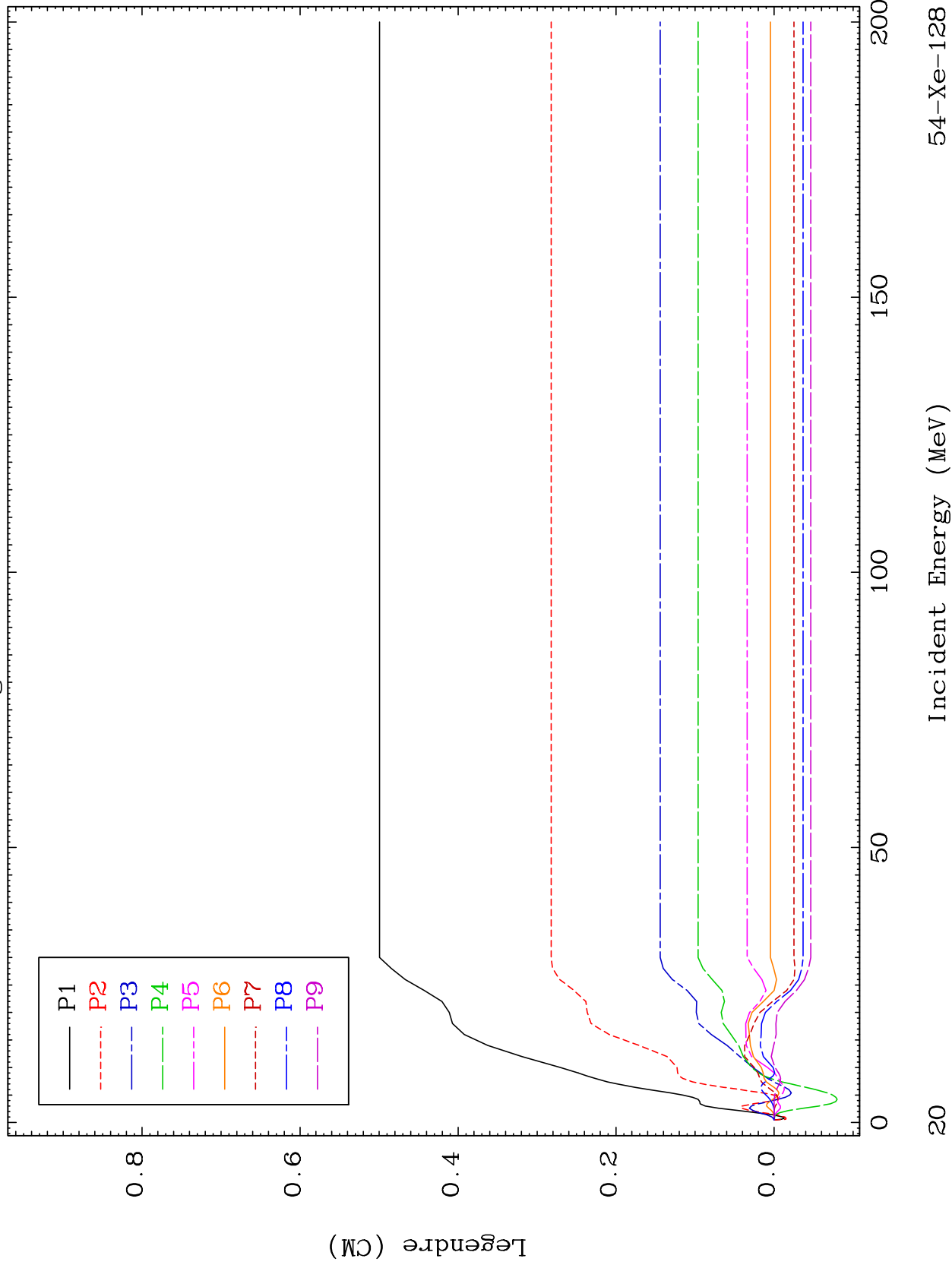
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

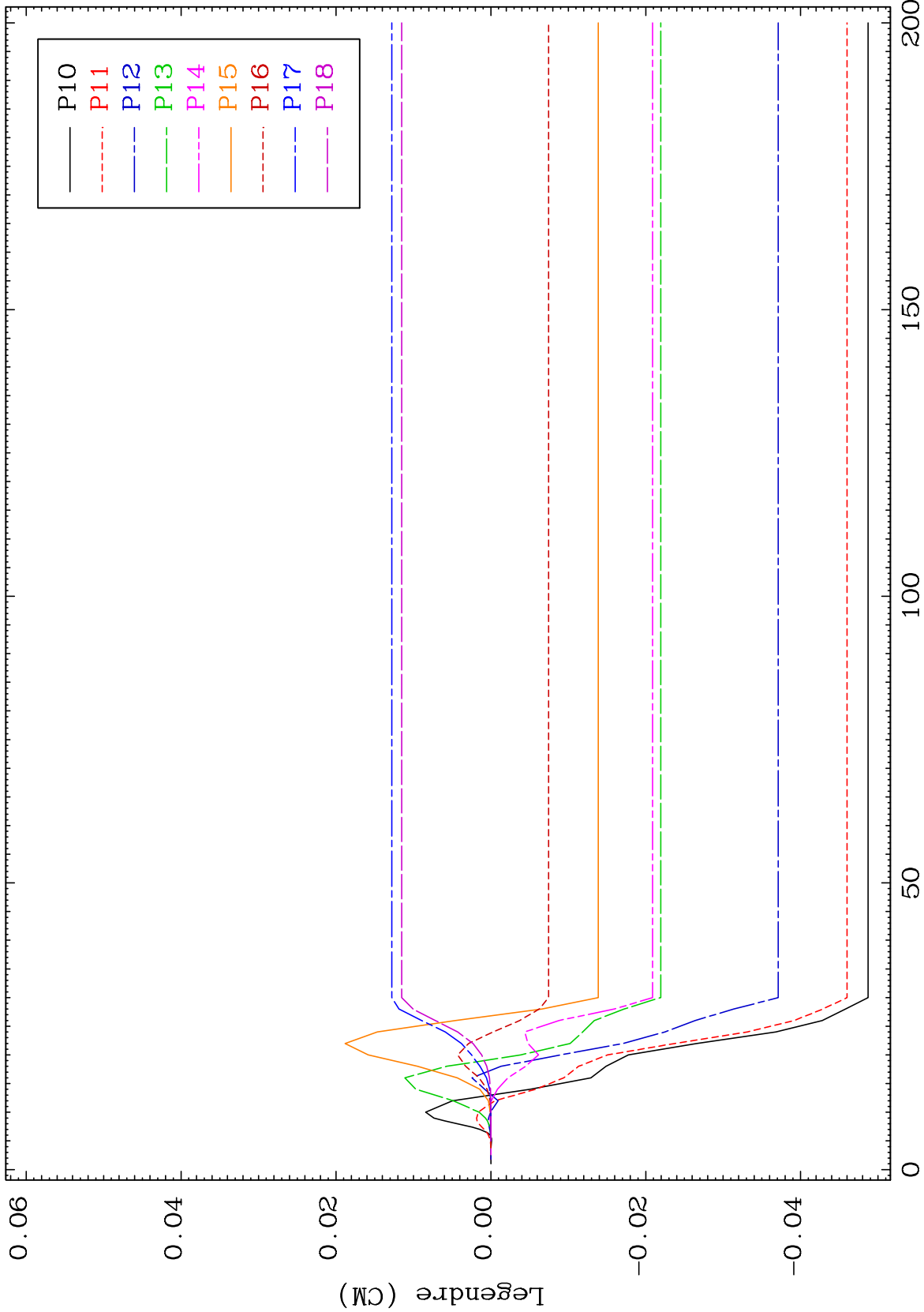
Incident Energy (MeV)

0

MAT 5437

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

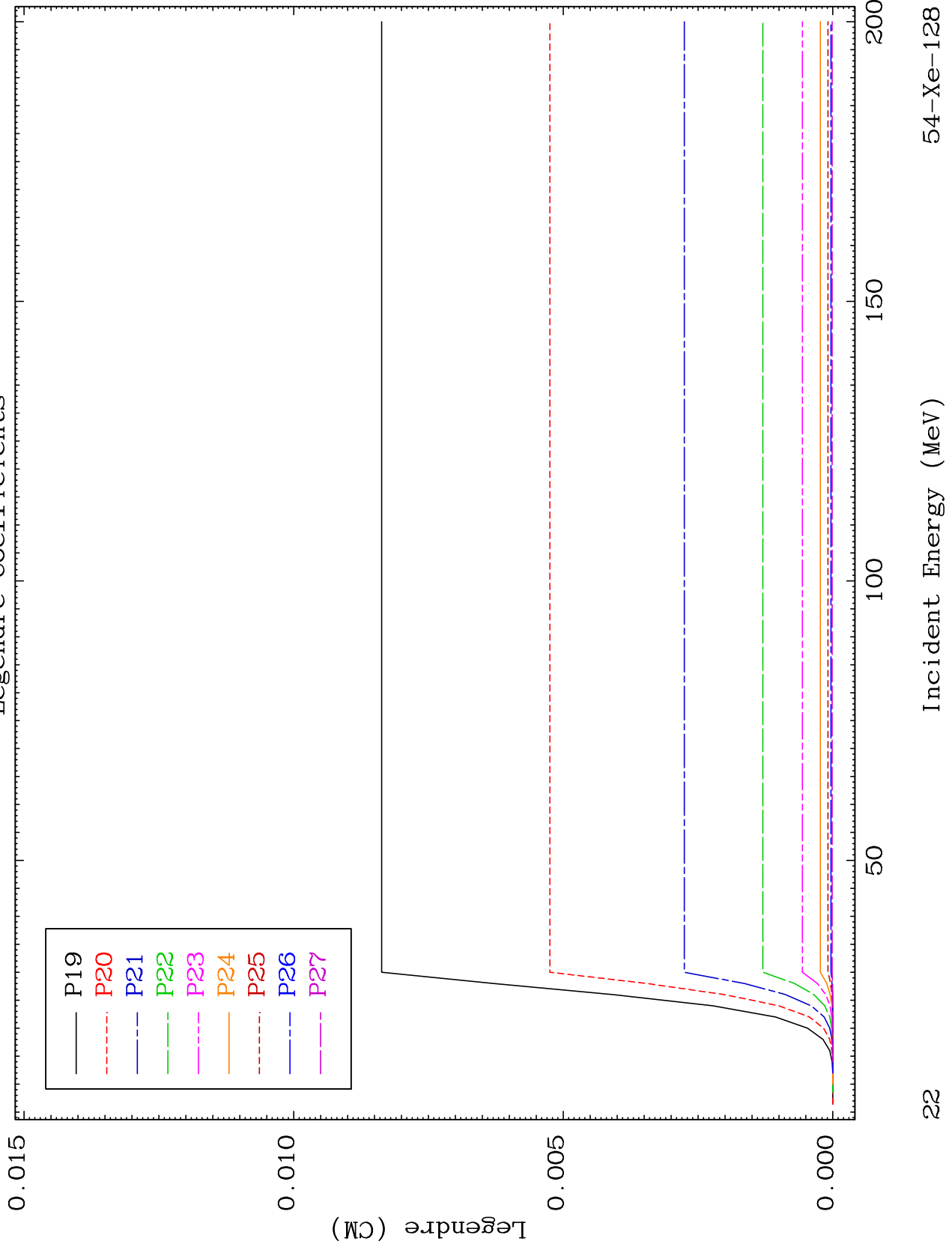
54-Xe-128



MAT 5437

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

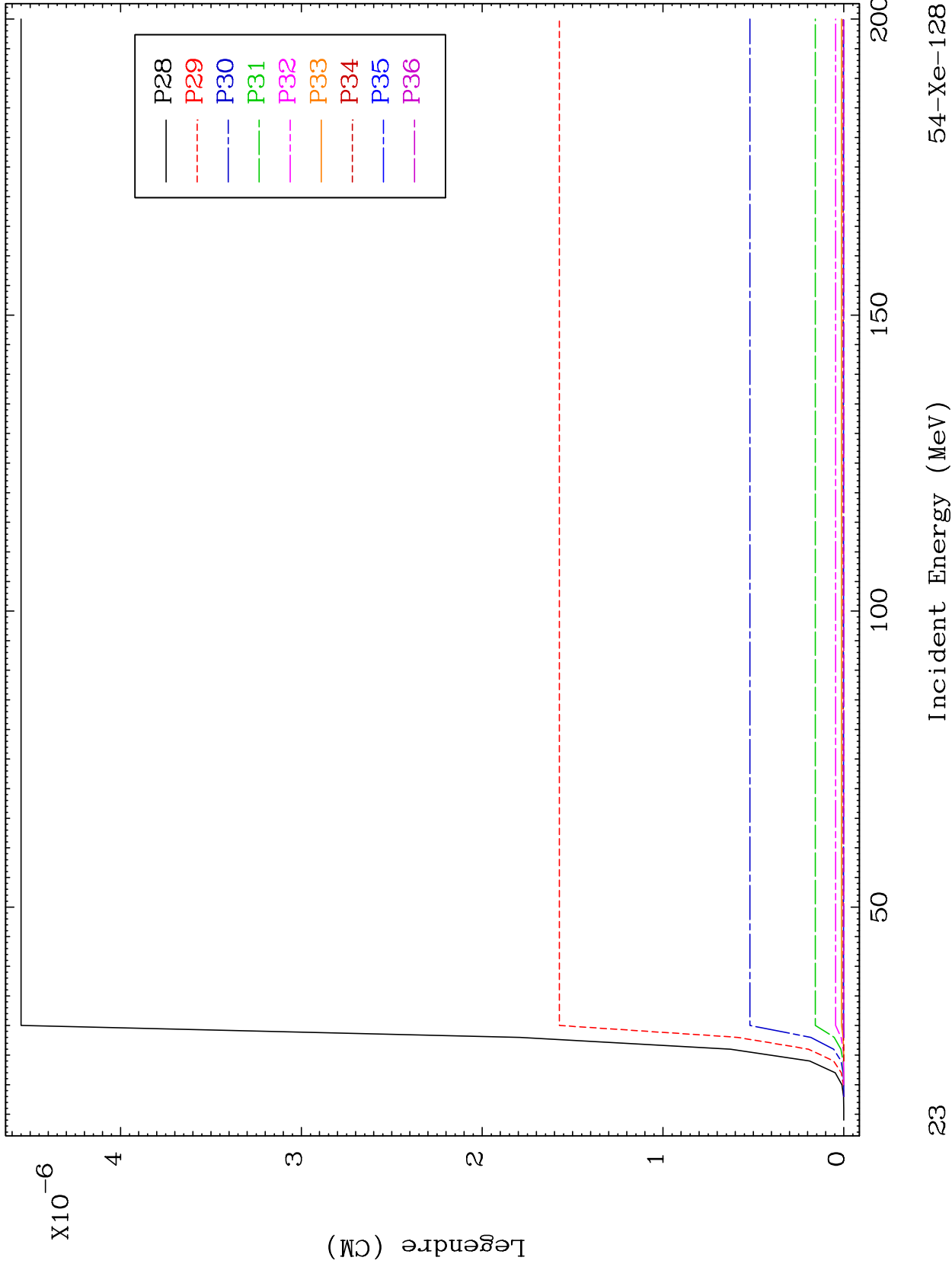
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MAT 5437

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

54-Xe-128



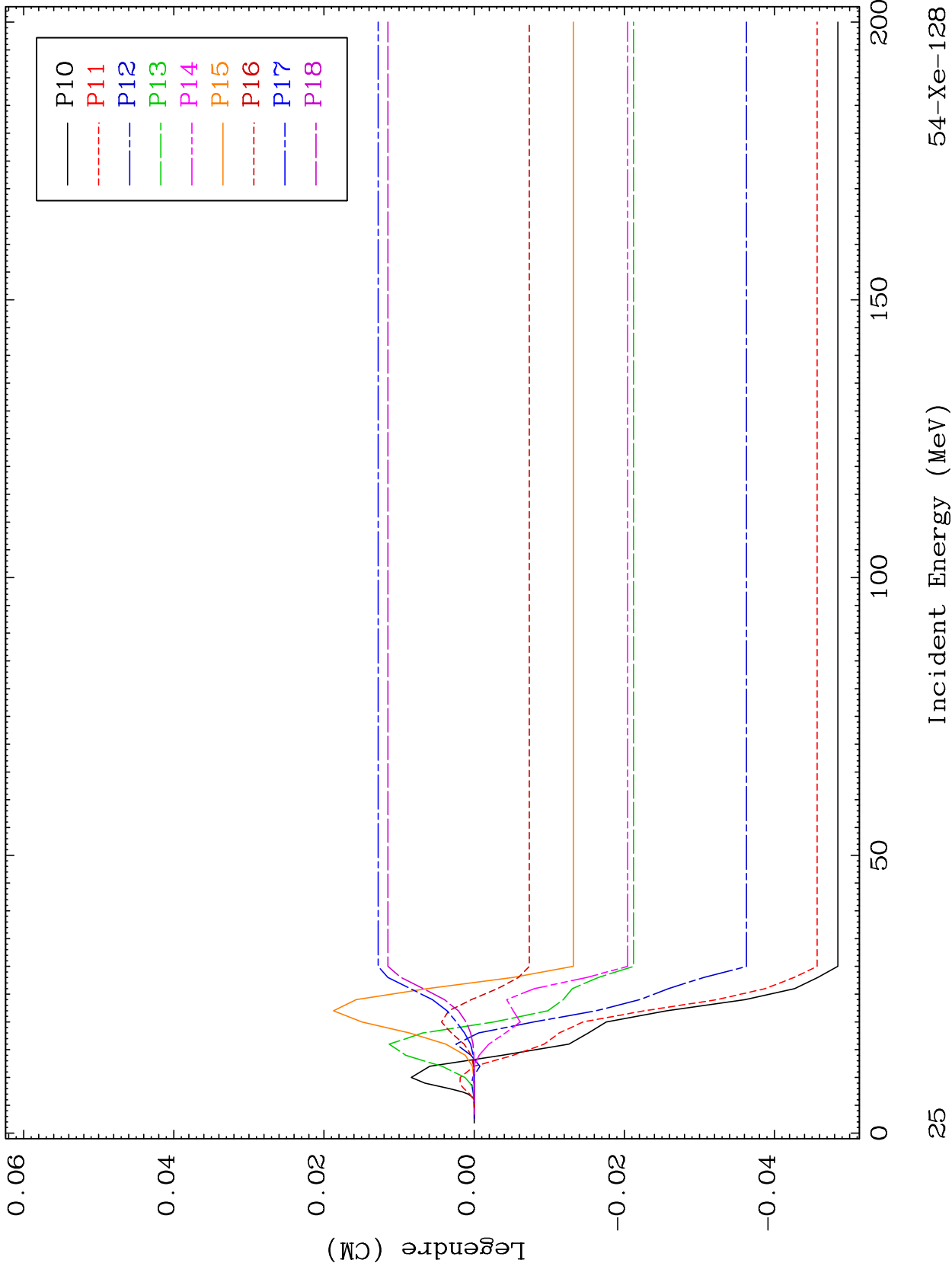
23

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

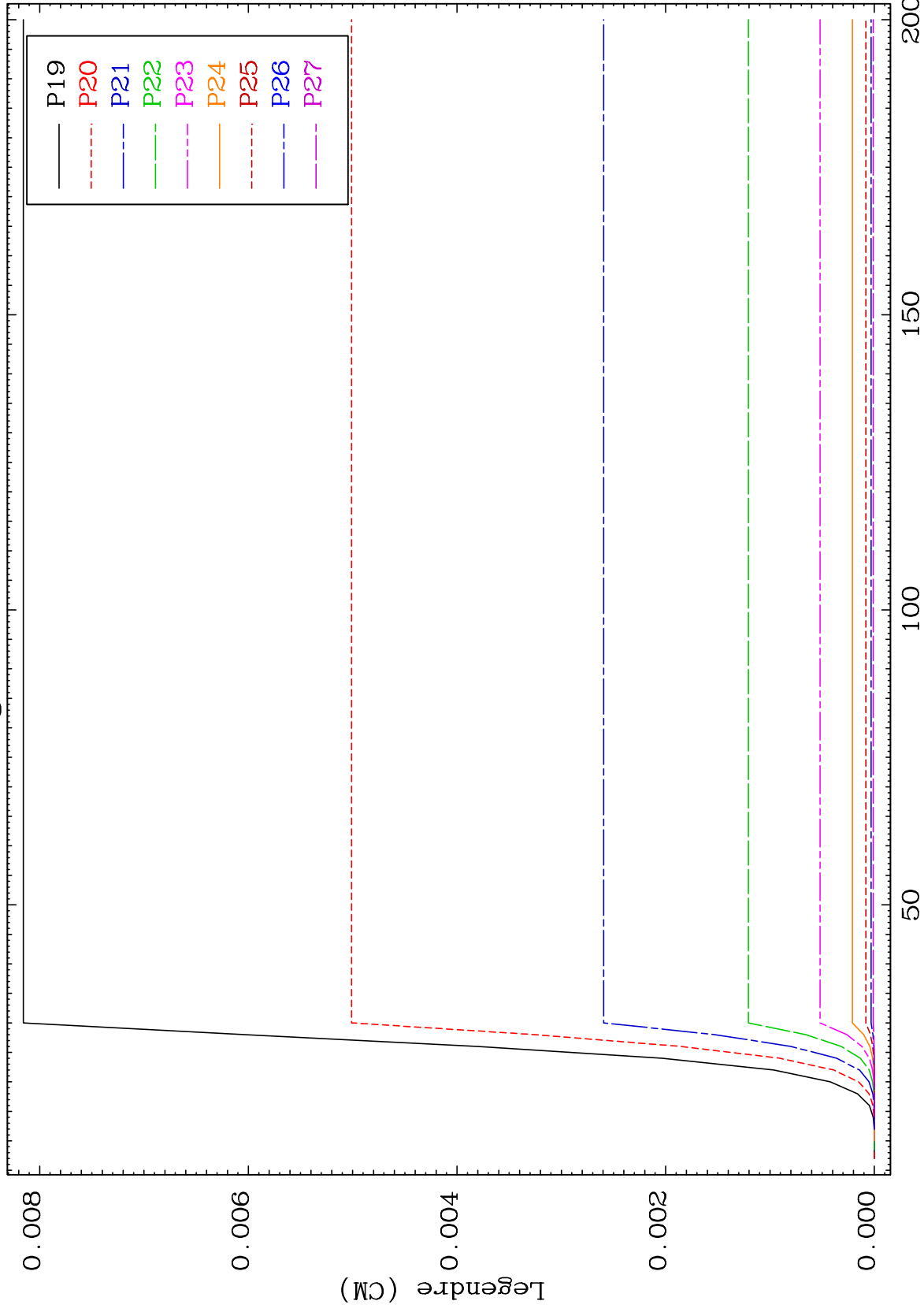
Incident Energy (MeV)

25

MAT 5437

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

54-Xe-128



26

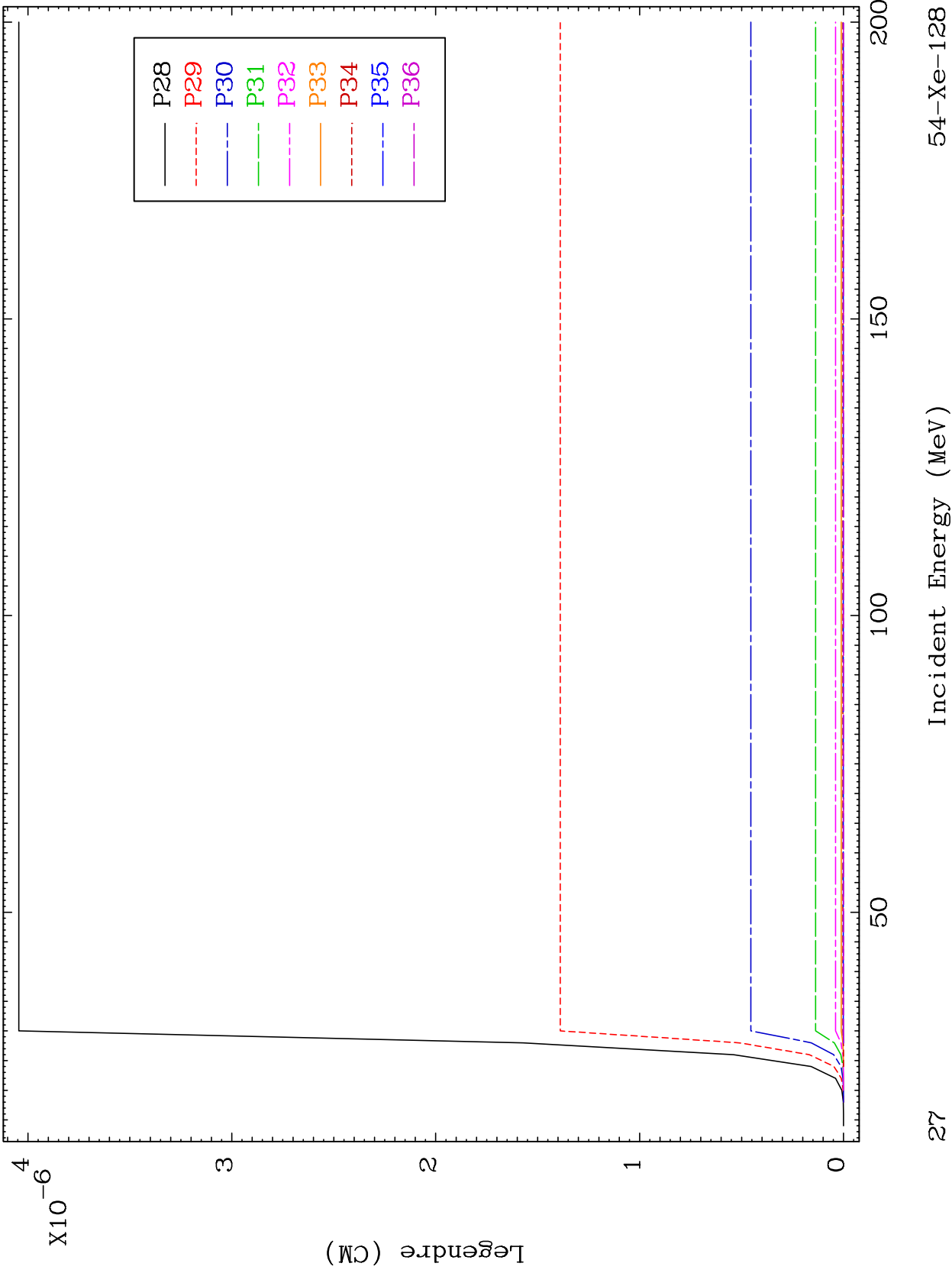
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

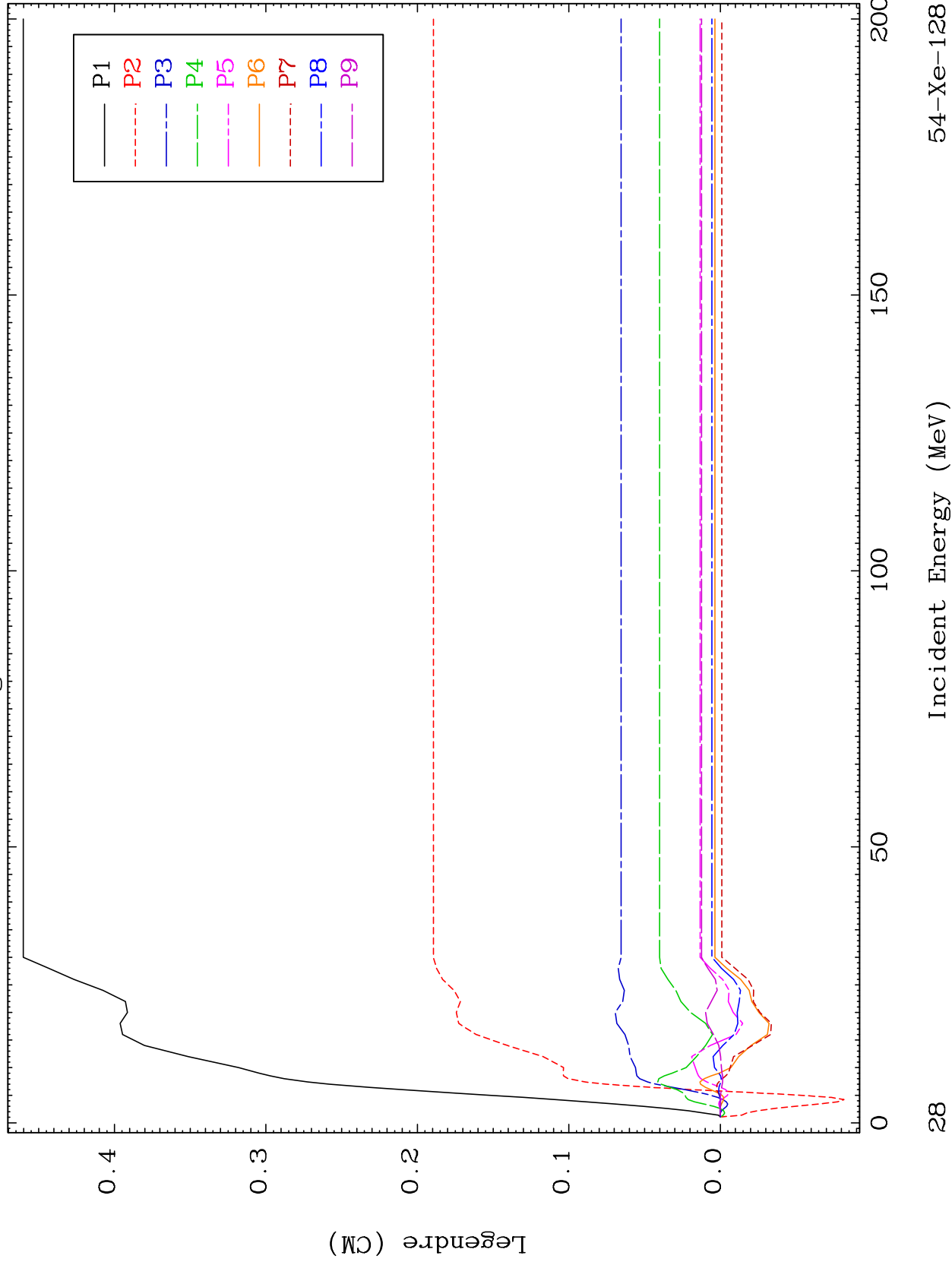
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

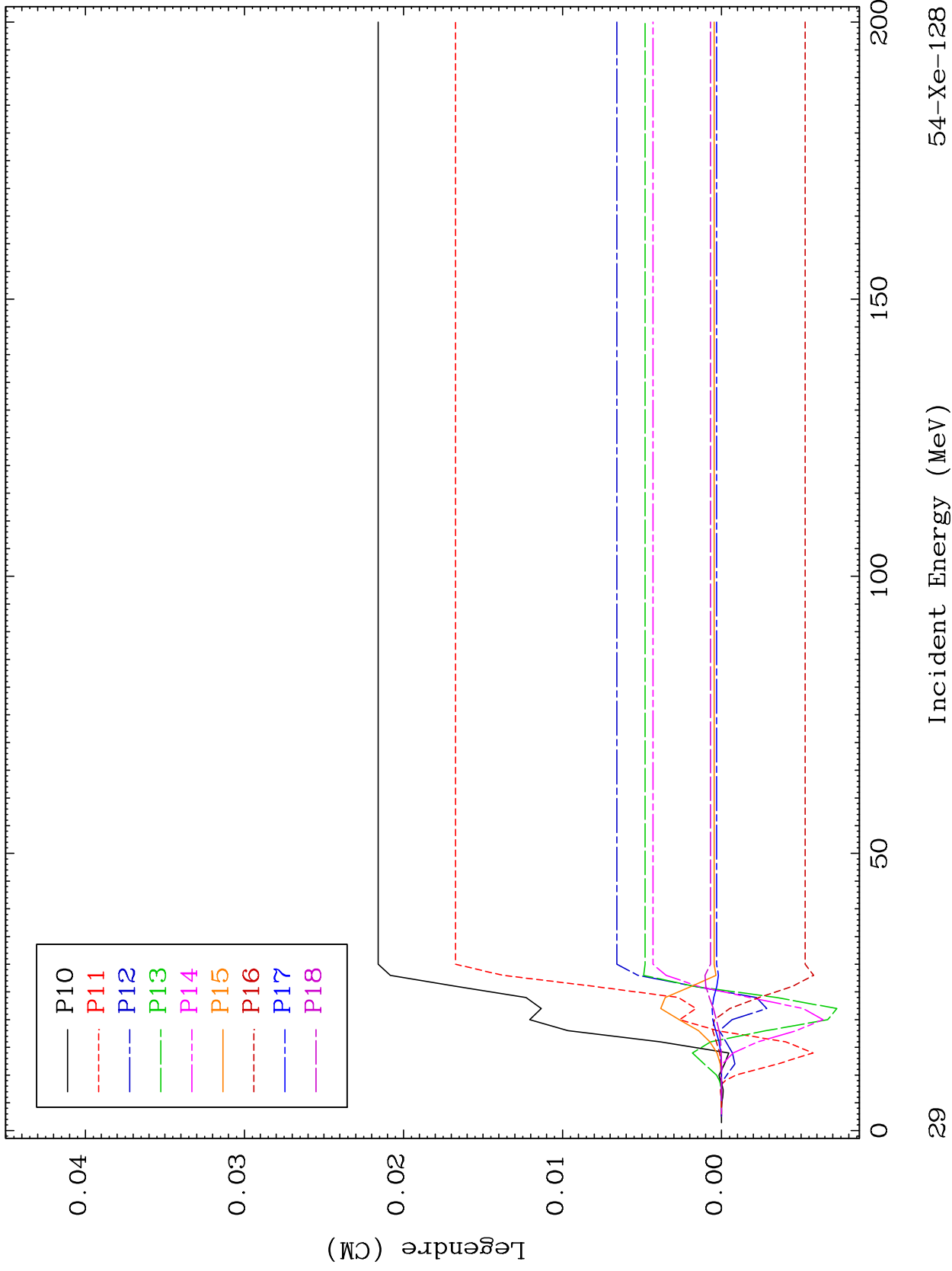
Incident Energy (MeV)

28

MAT 5437

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

54-Xe-128



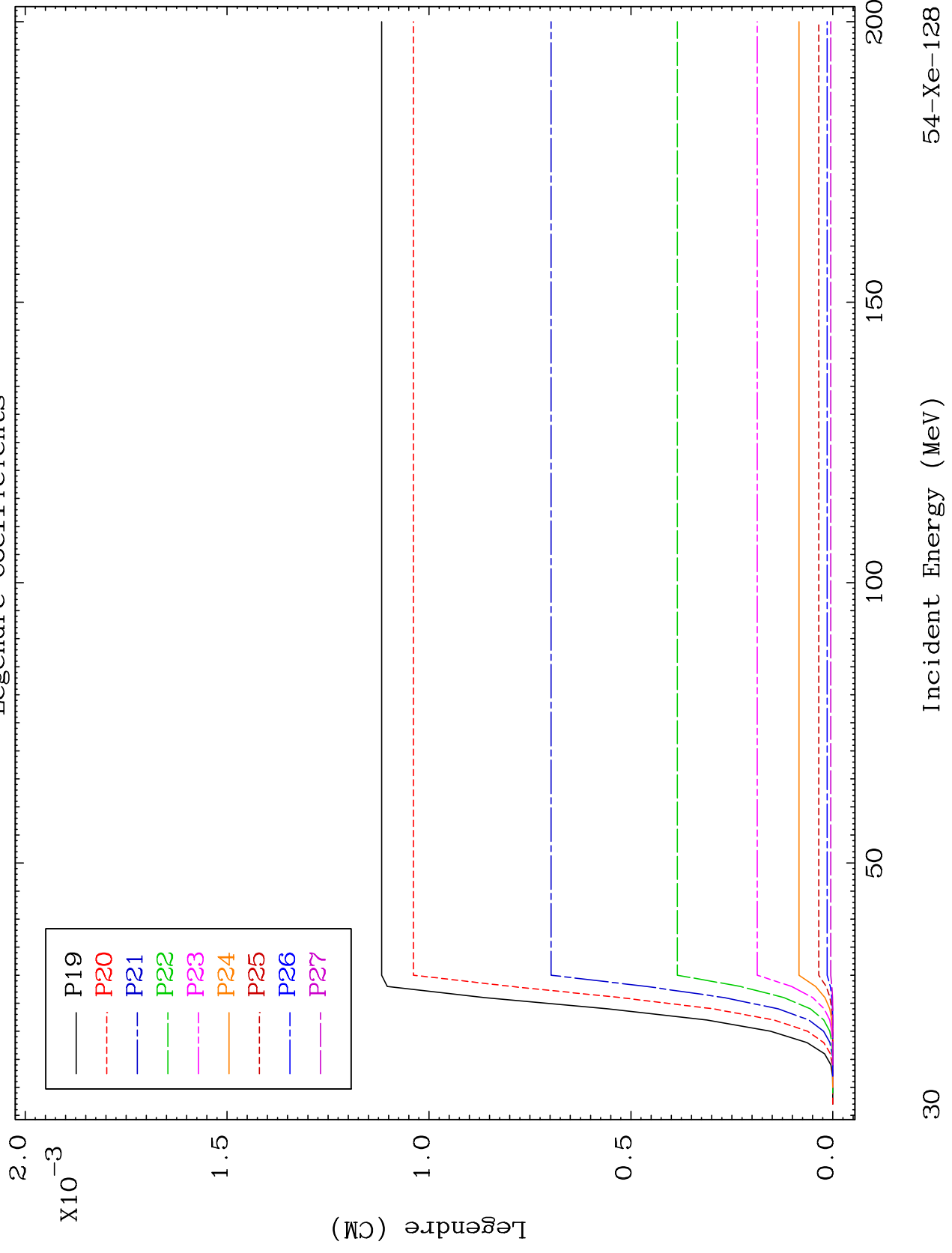
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54-Xe-128

MAT 5437

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

54-Xe-128



30

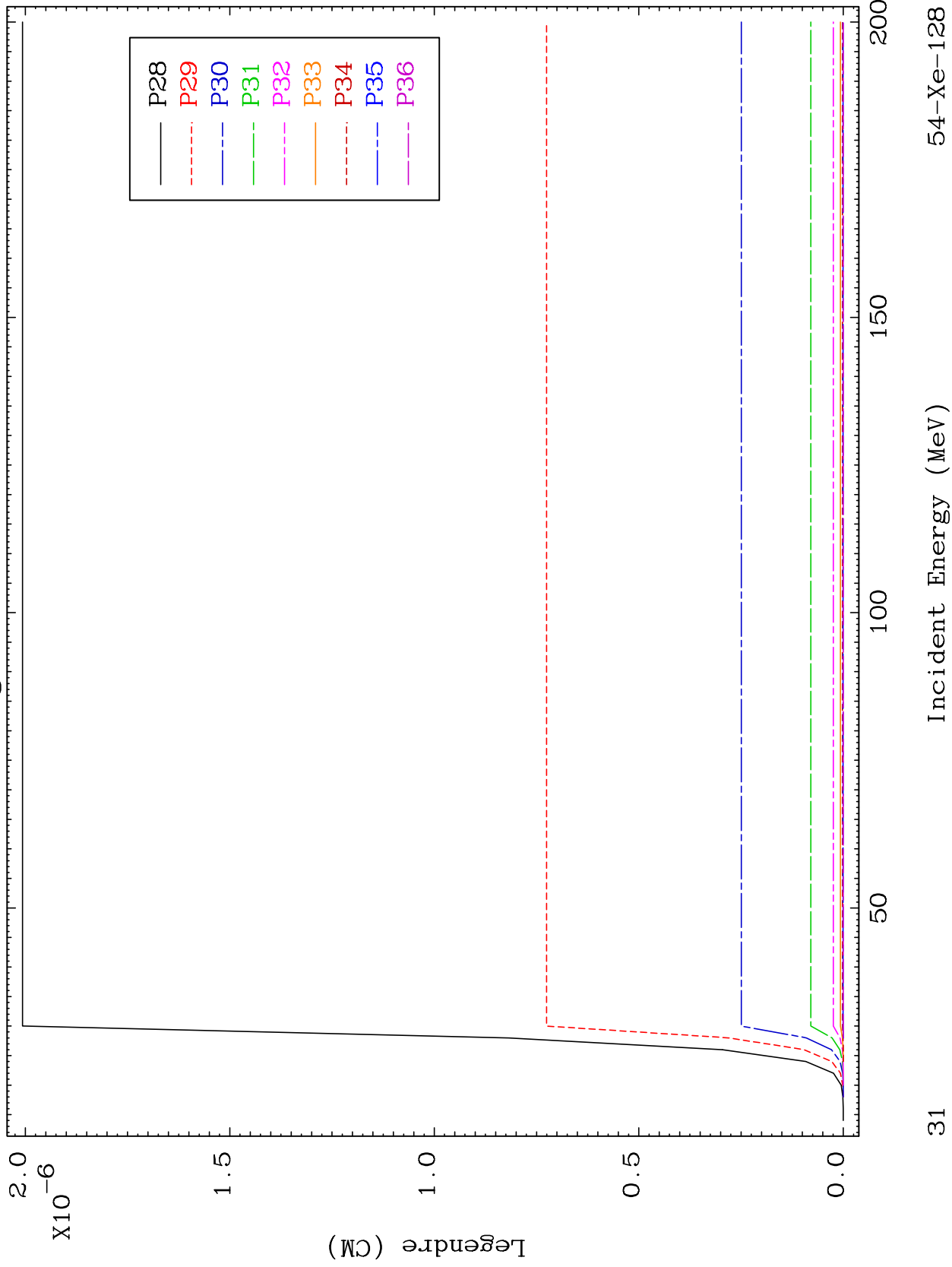
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128

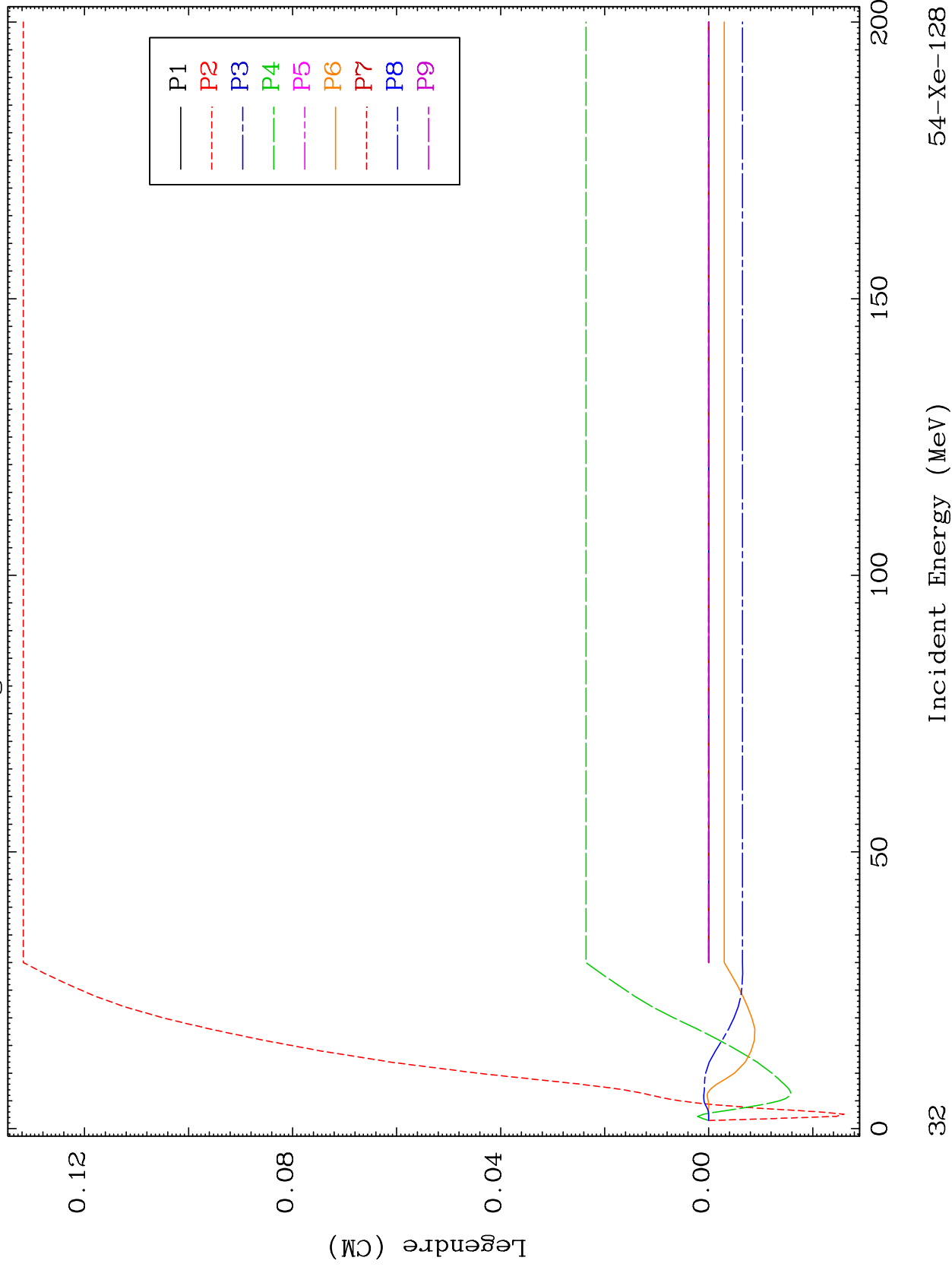


31

MAT 5437

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

54-Xe-128



54-Xe-128

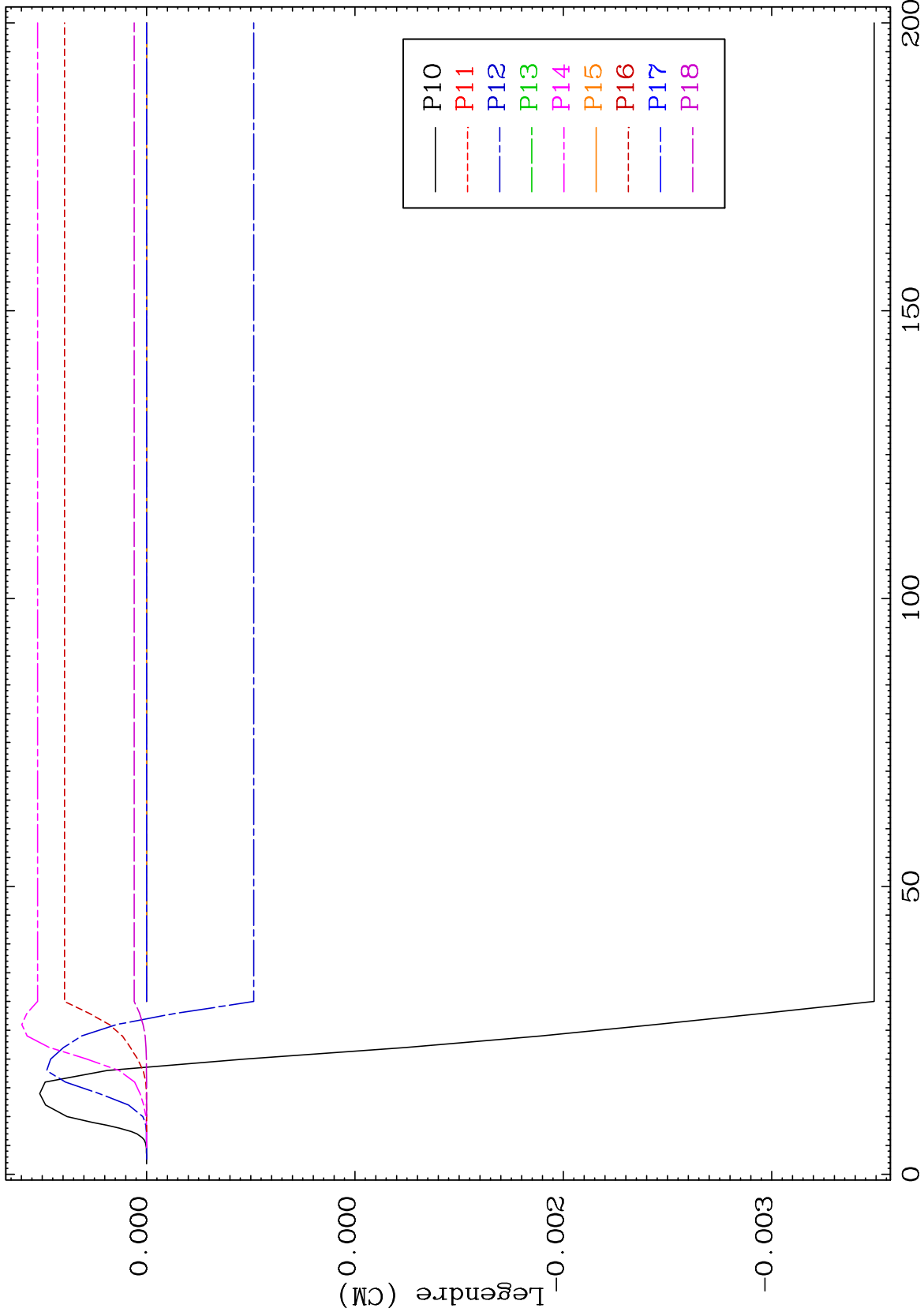
Incident Energy (MeV)

32

MAT 5437

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

54-Xe-128



33

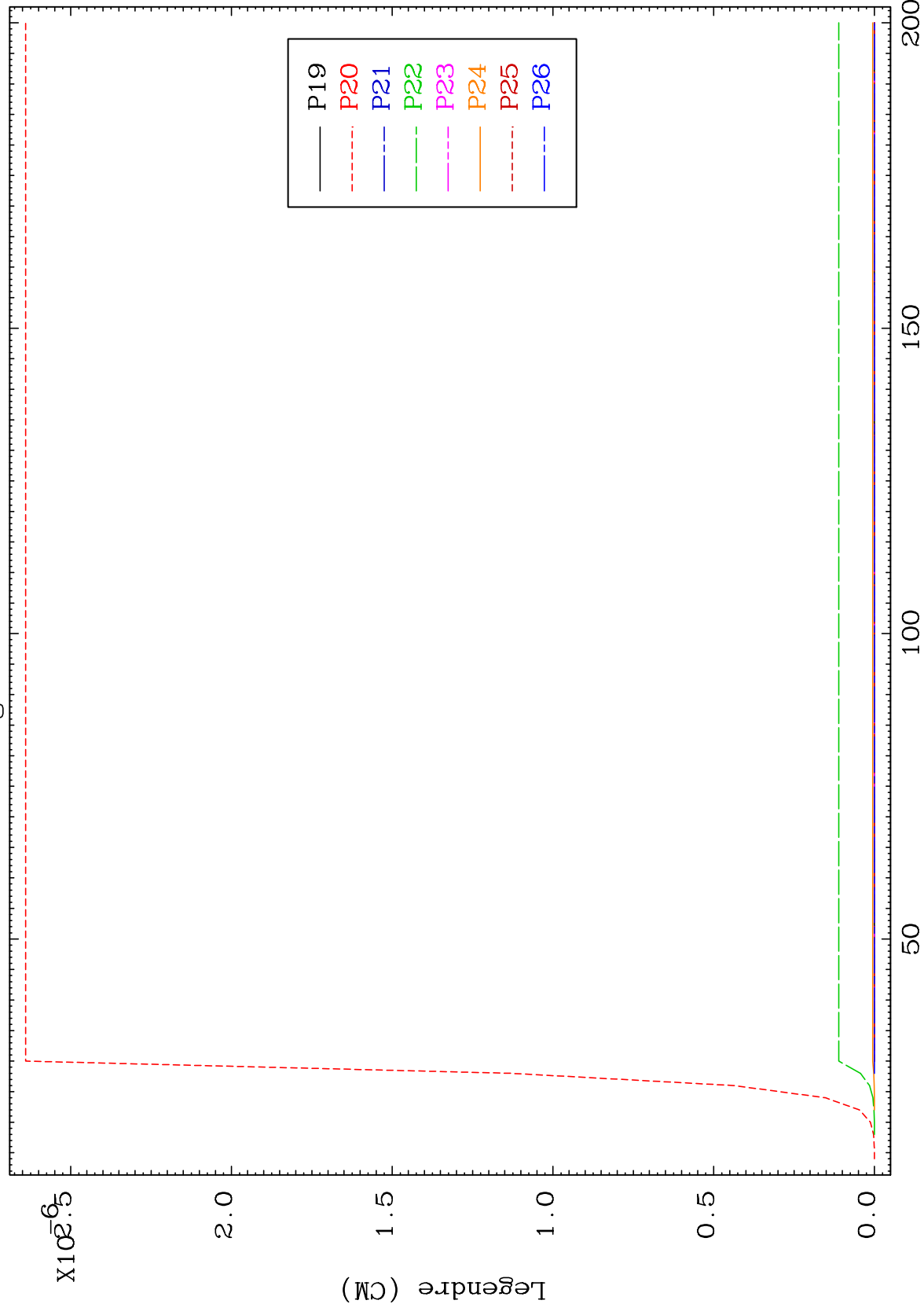
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

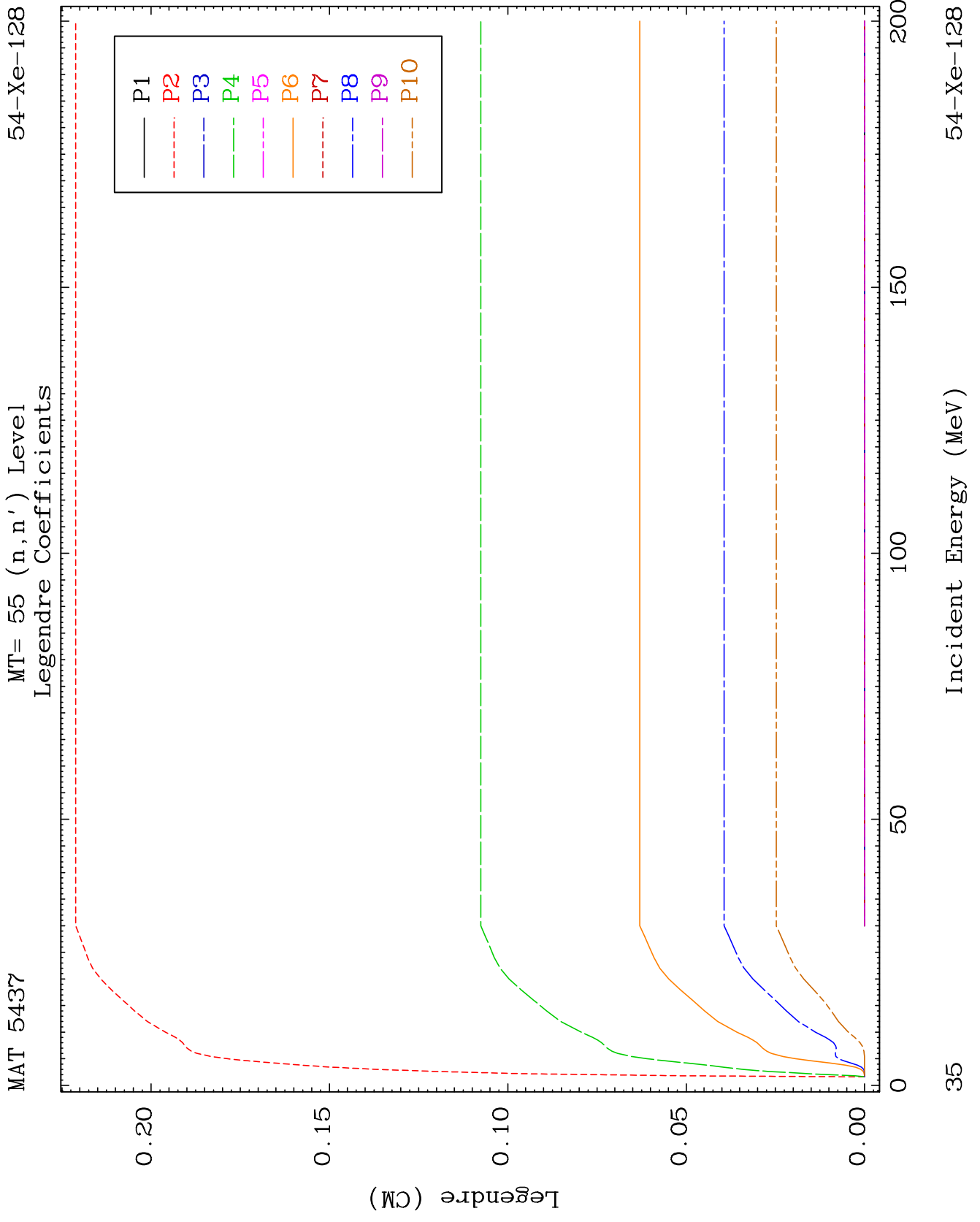
54-Xe-128



34

Incident Energy (MeV)

54-Xe-128

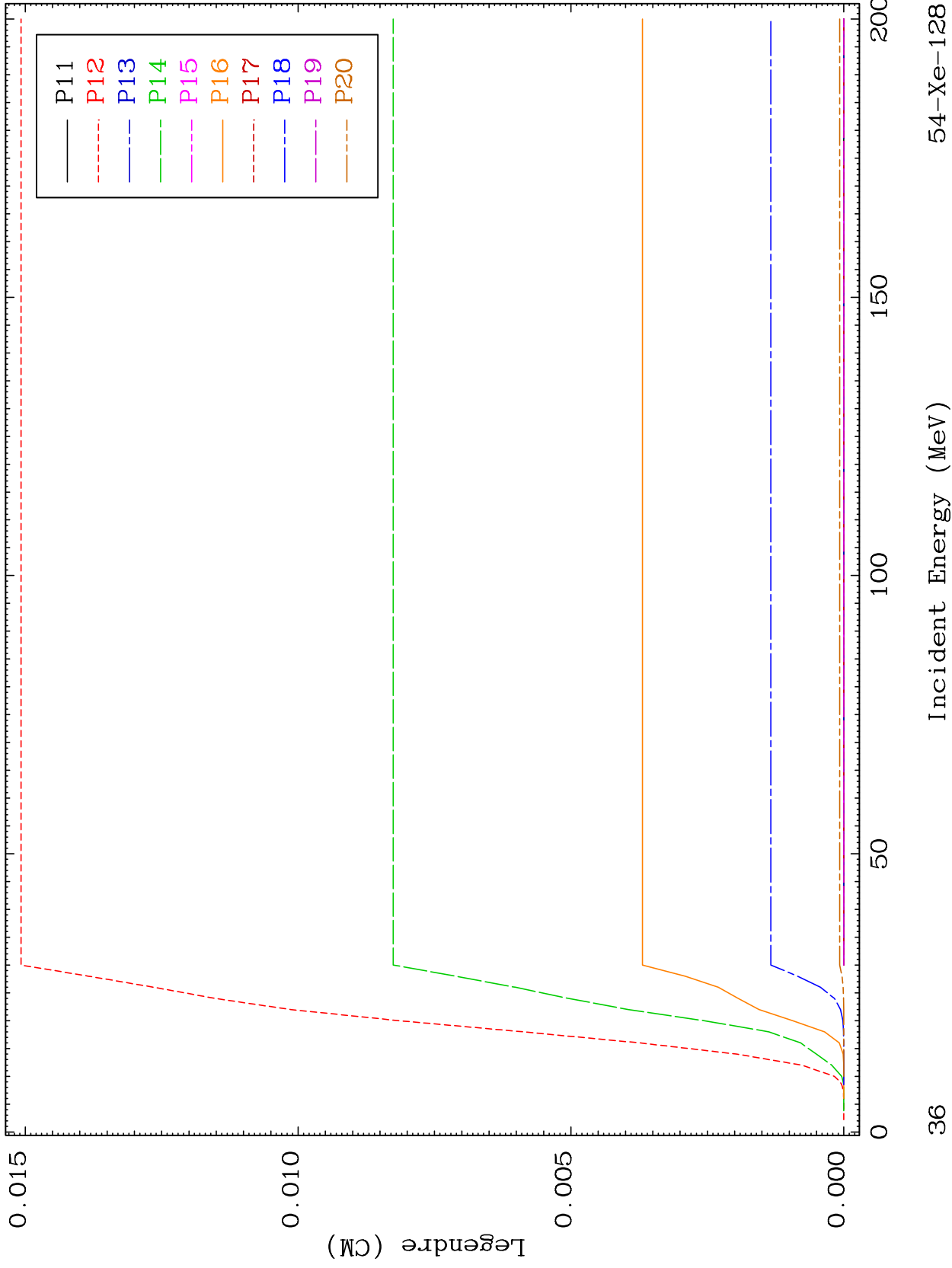


MAT 5437

MT= 55 (n,n') Level

54-Xe-128

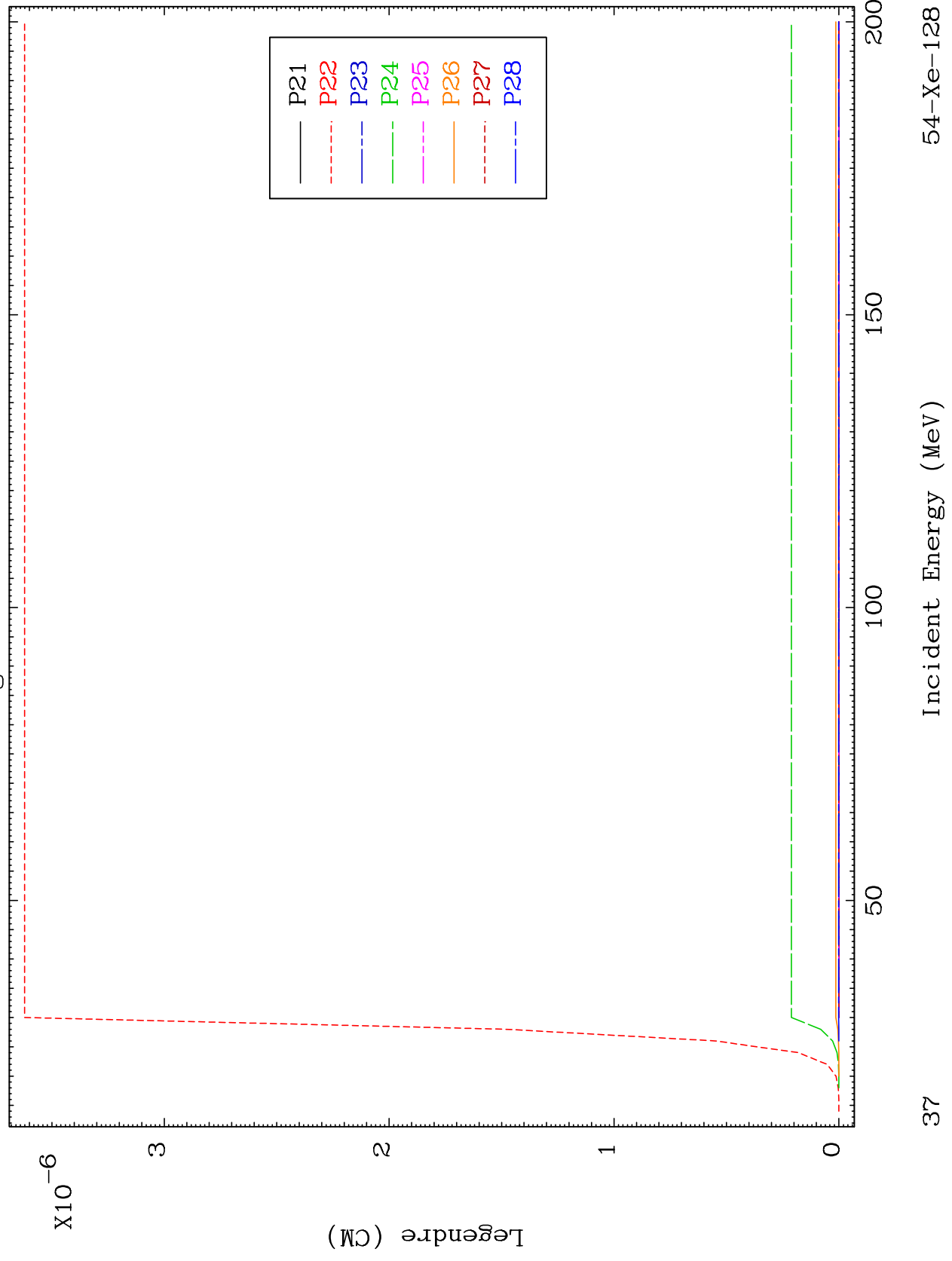
Legendre Coefficients



MAT 5437

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

54-Xe-128



37

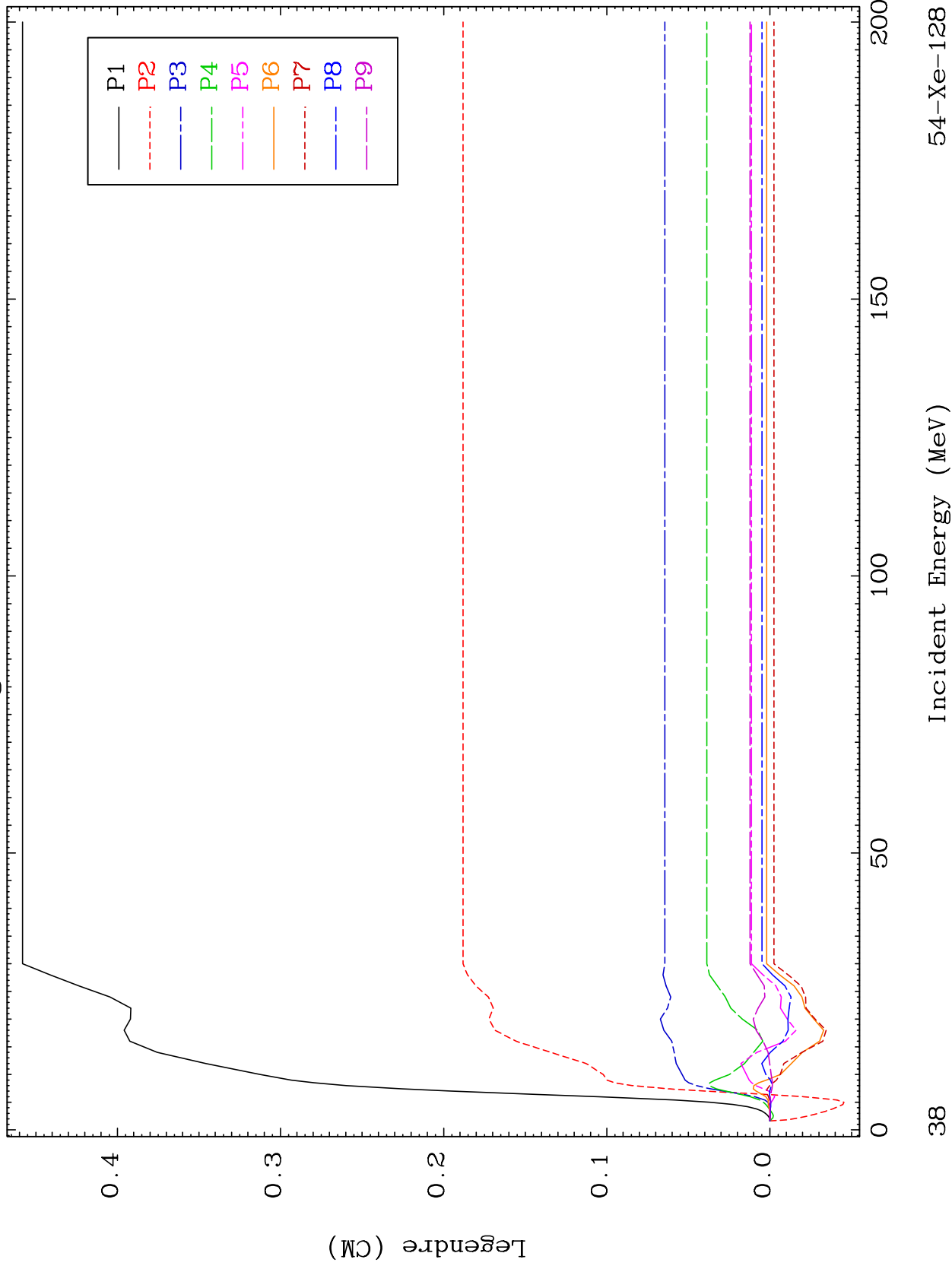
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

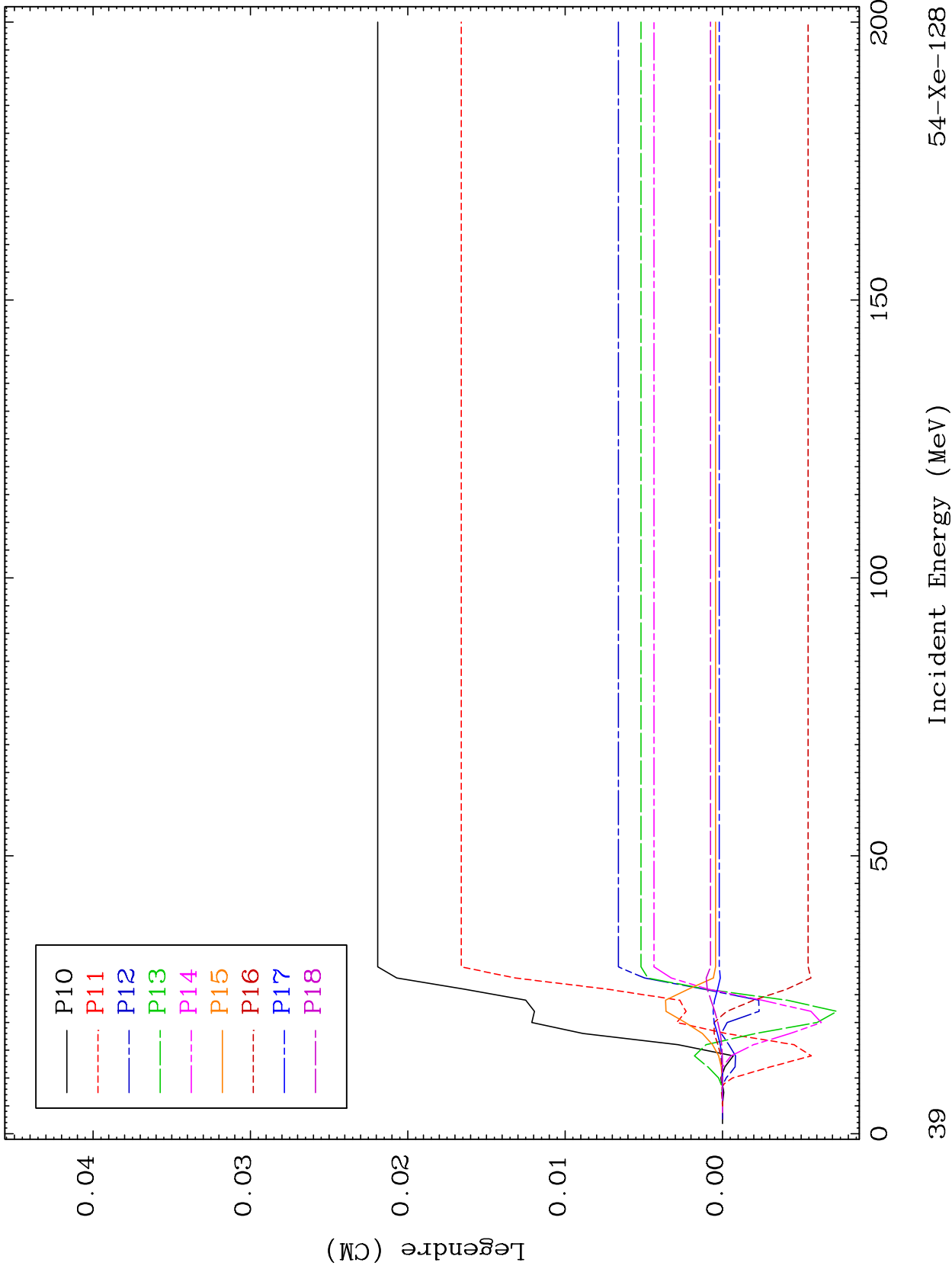
Incident Energy (MeV)

38

MAT 5437

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

54-Xe-128



39

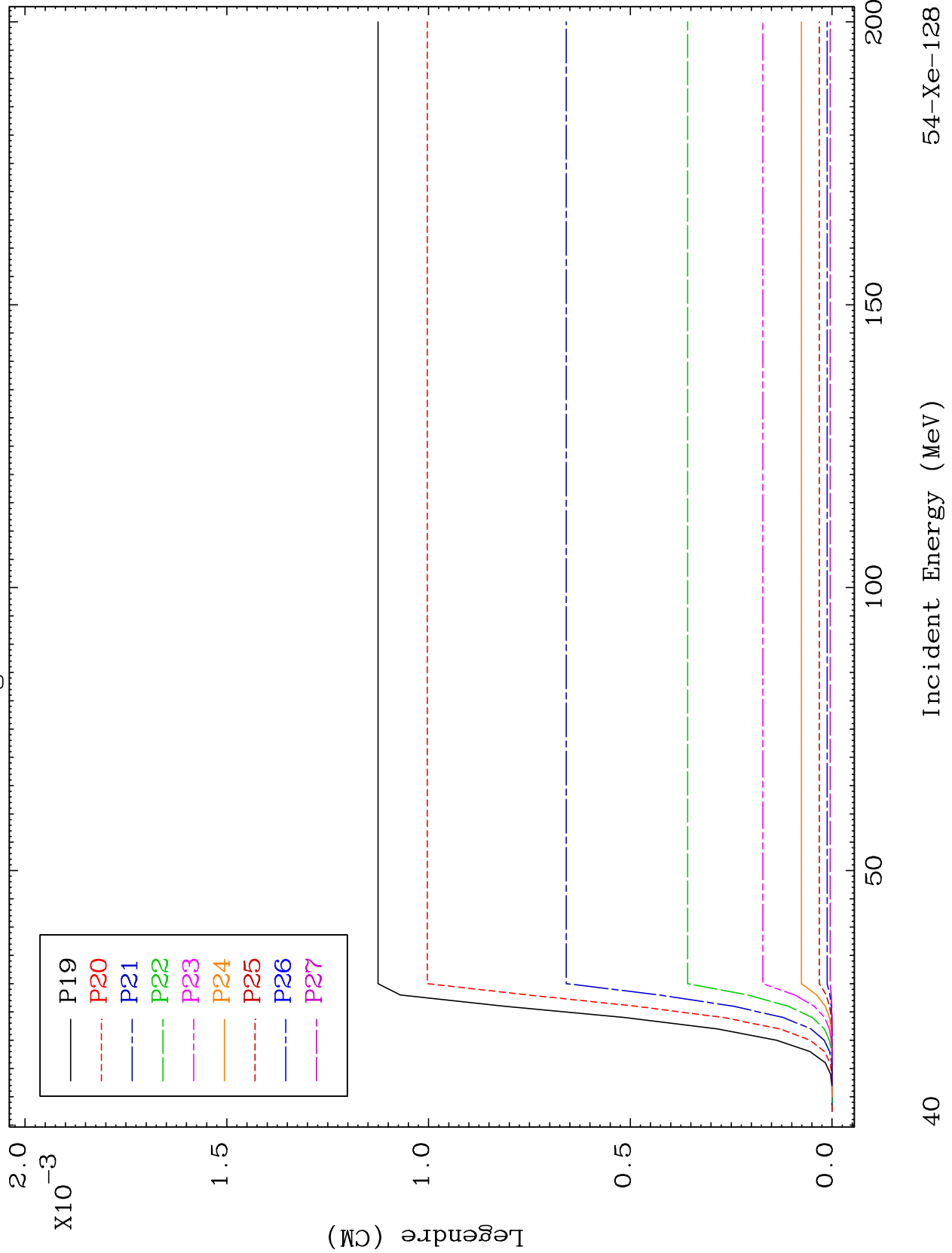
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

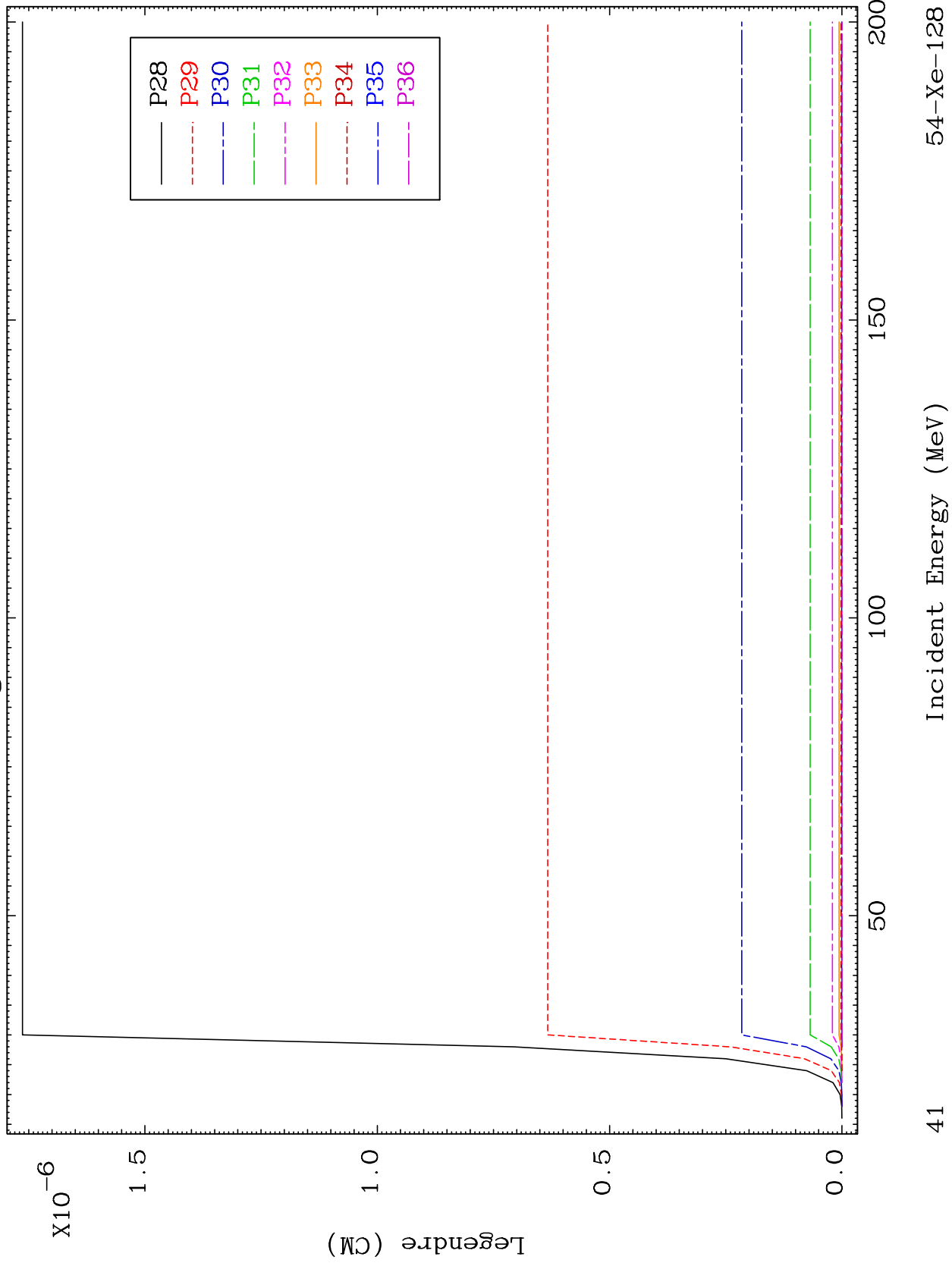
54-Xe-128



MAT 5437

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

54-Xe-128

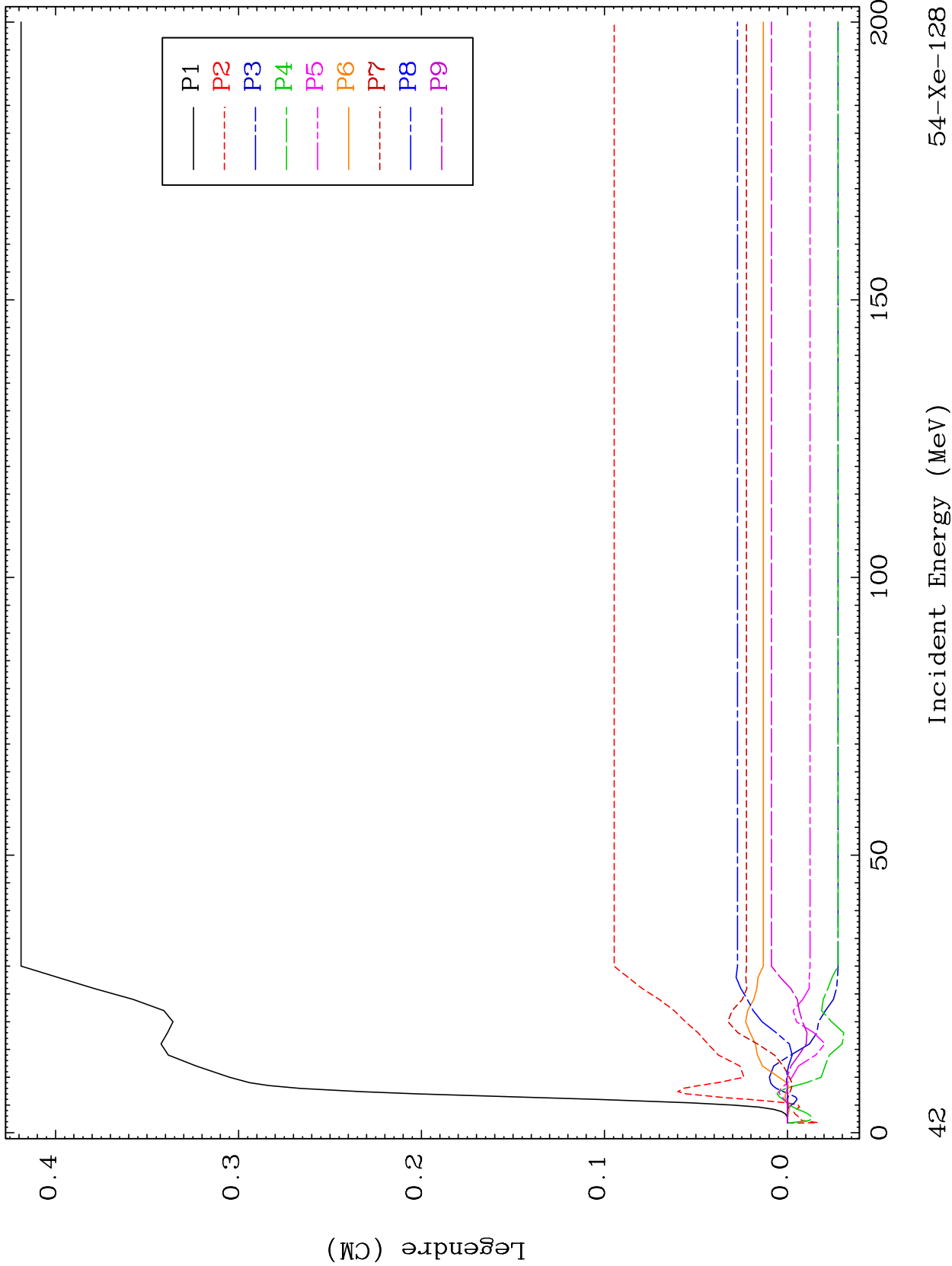


41

MAT 5437

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

54-Xe-128



54-Xe-128

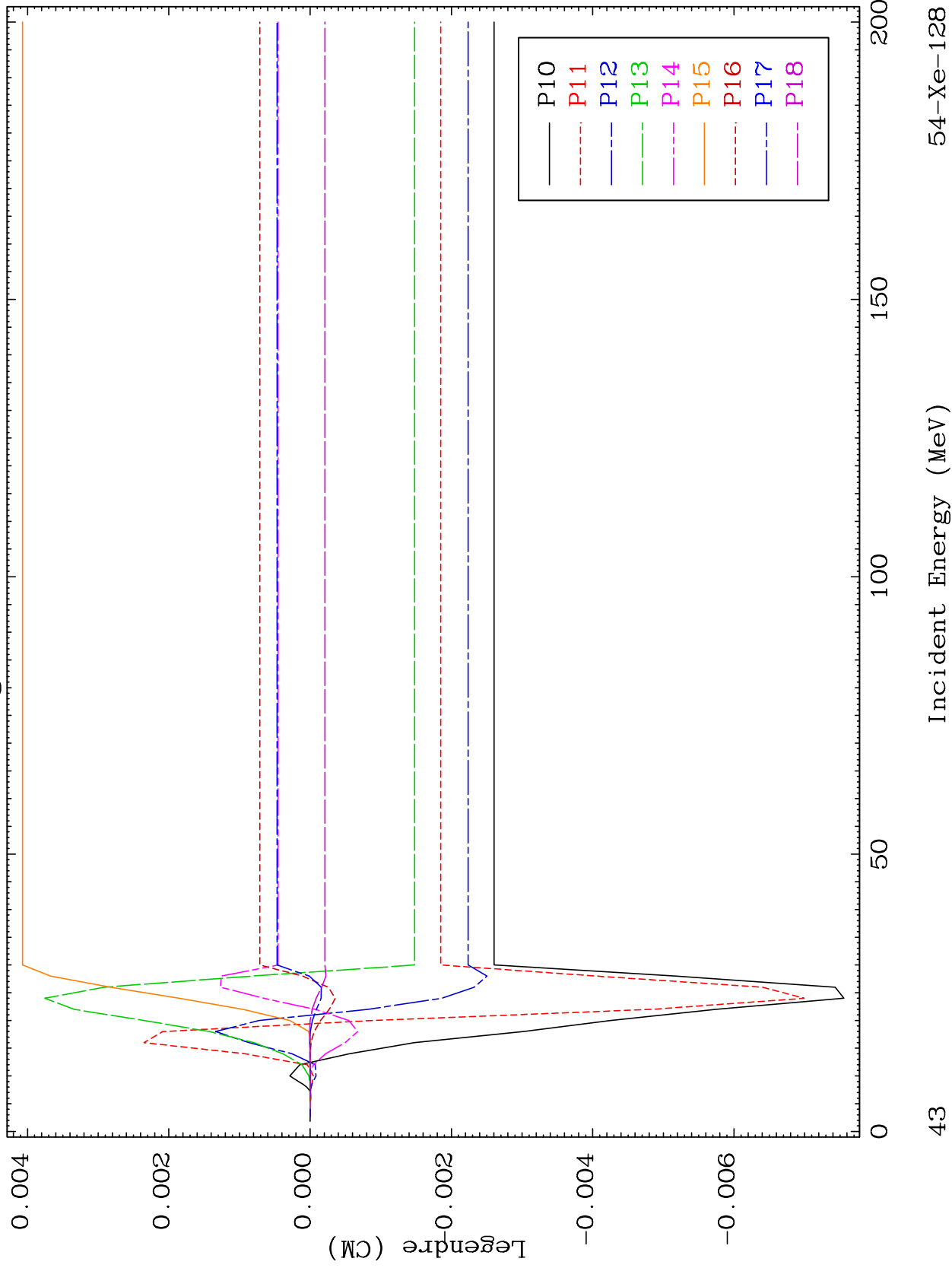
Incident Energy (MeV)

42

MAT 5437

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

54-Xe-128



43

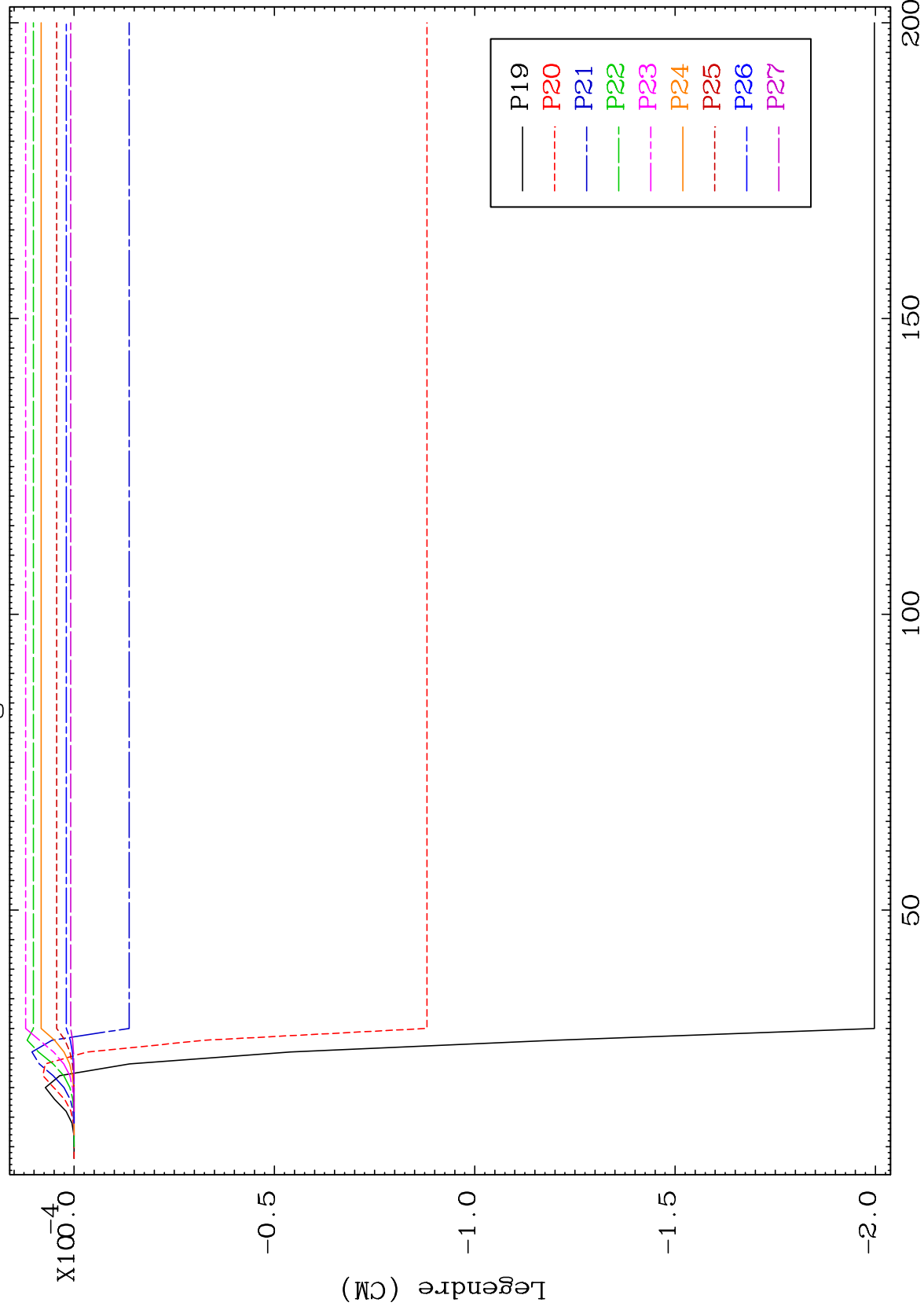
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

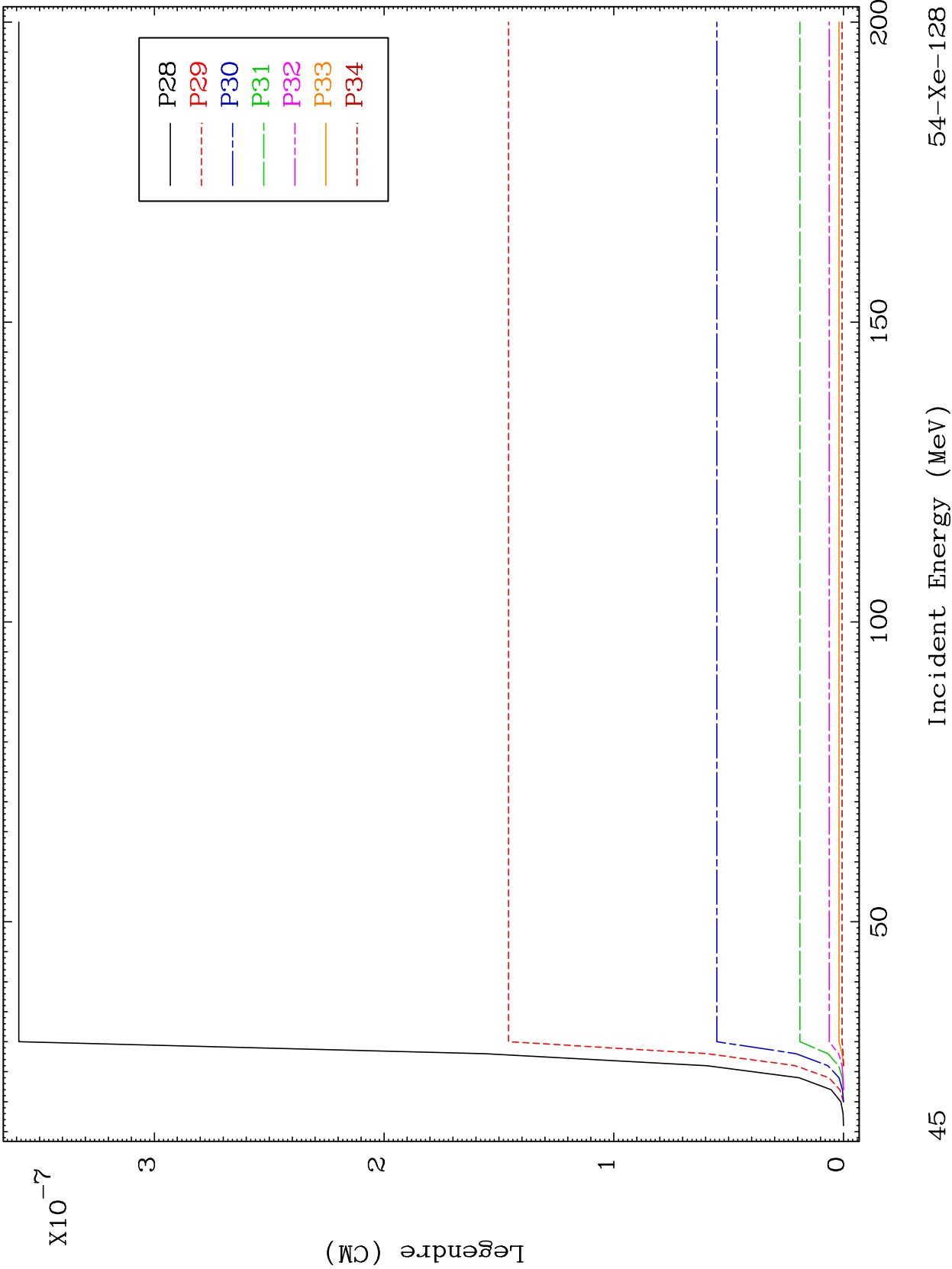
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

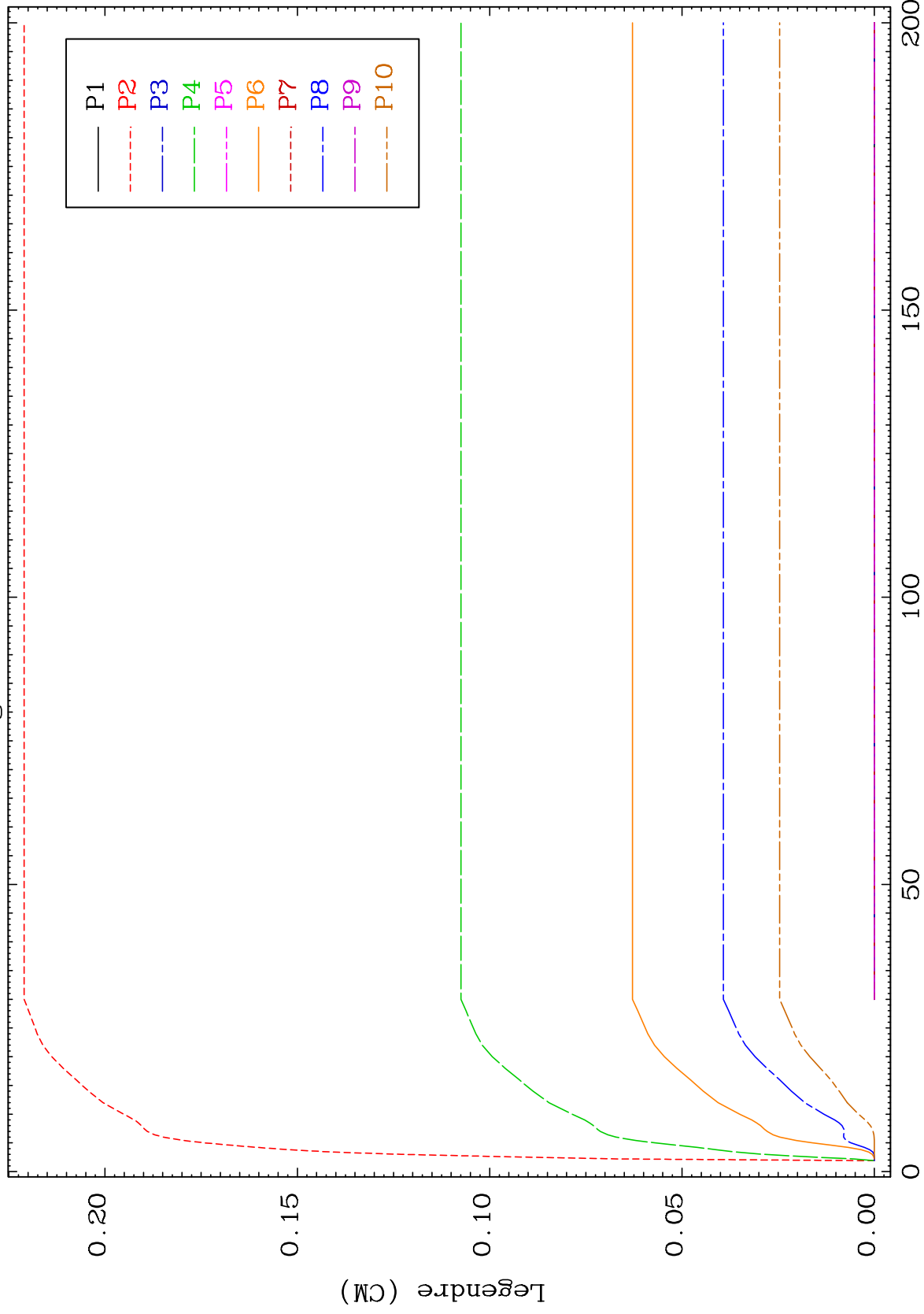
Incident Energy (MeV)

45

MAT 5437

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

54-Xe-128



54-Xe-128

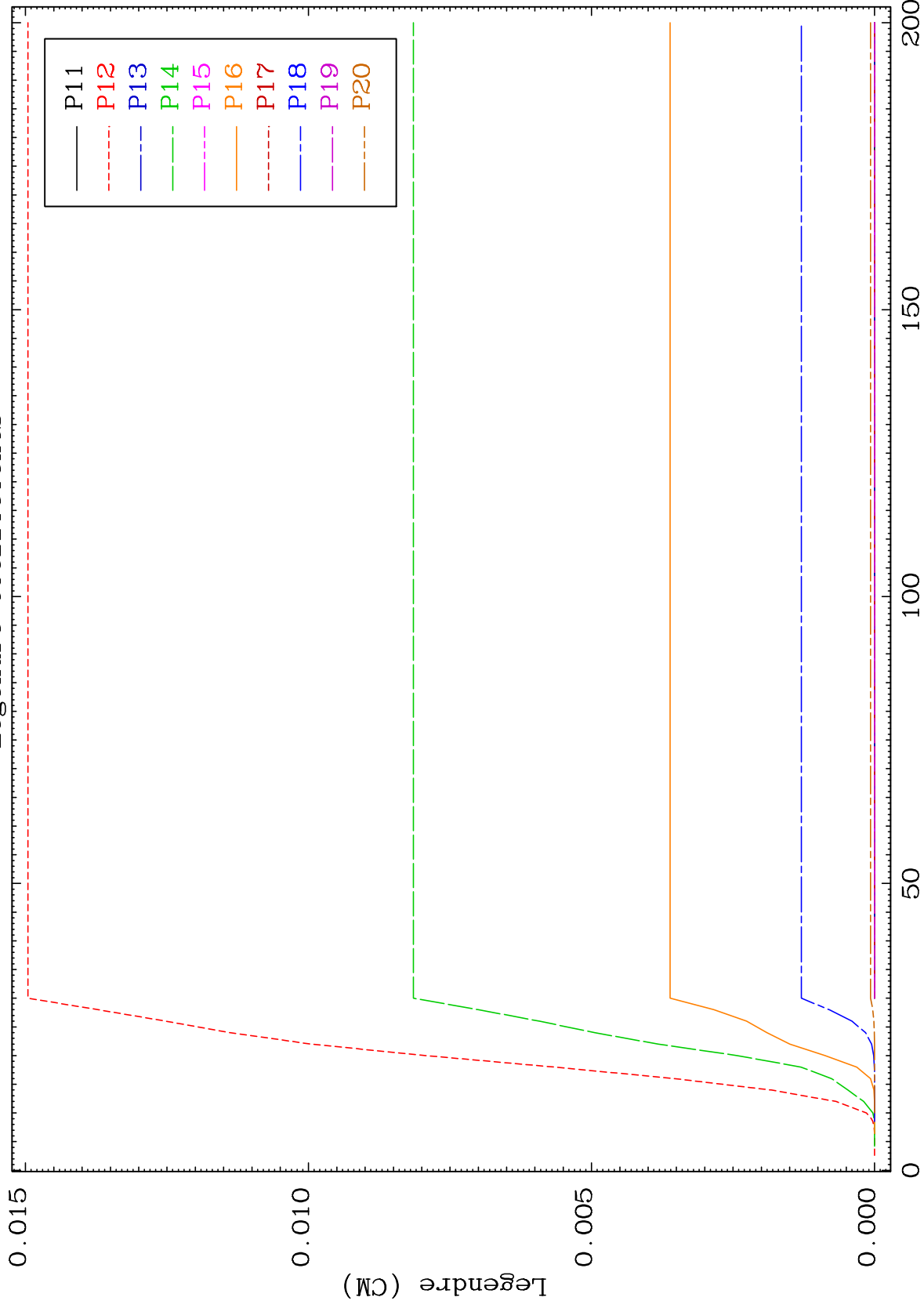
Incident Energy (MeV)

46

MAT 5437

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

54-Xe-128



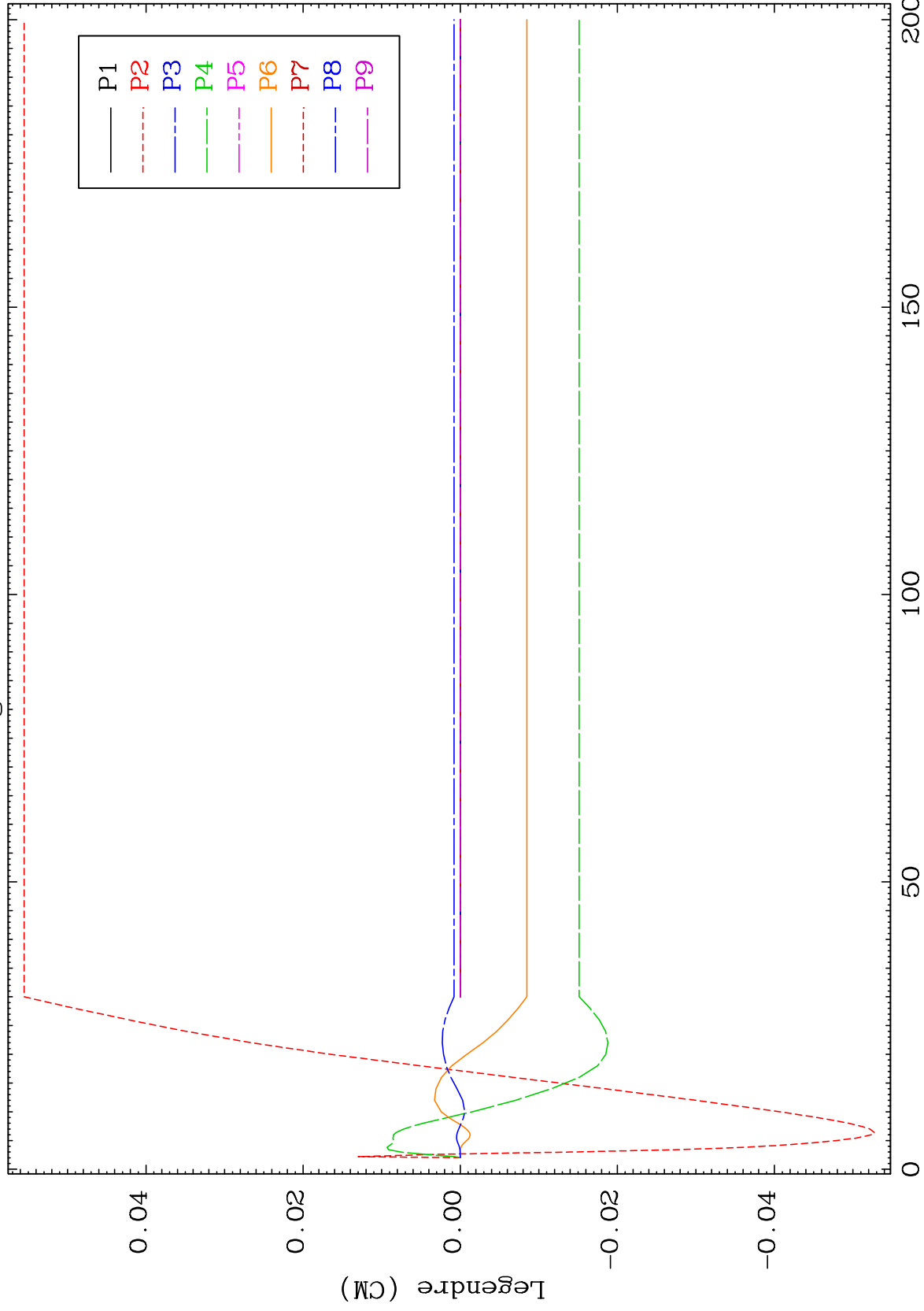
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54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

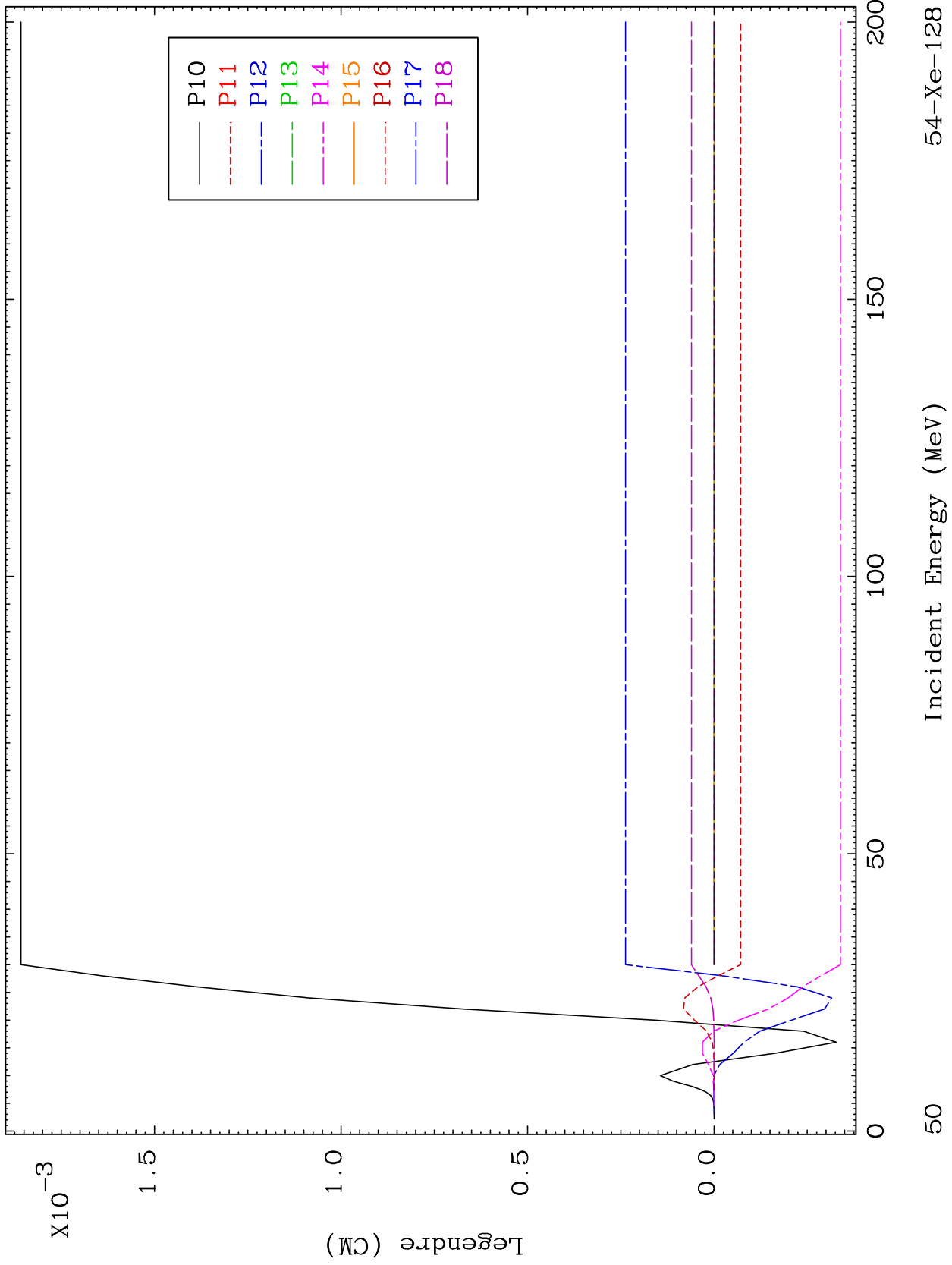
Incident Energy (MeV)

49

MAT 5437

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

54-Xe-128



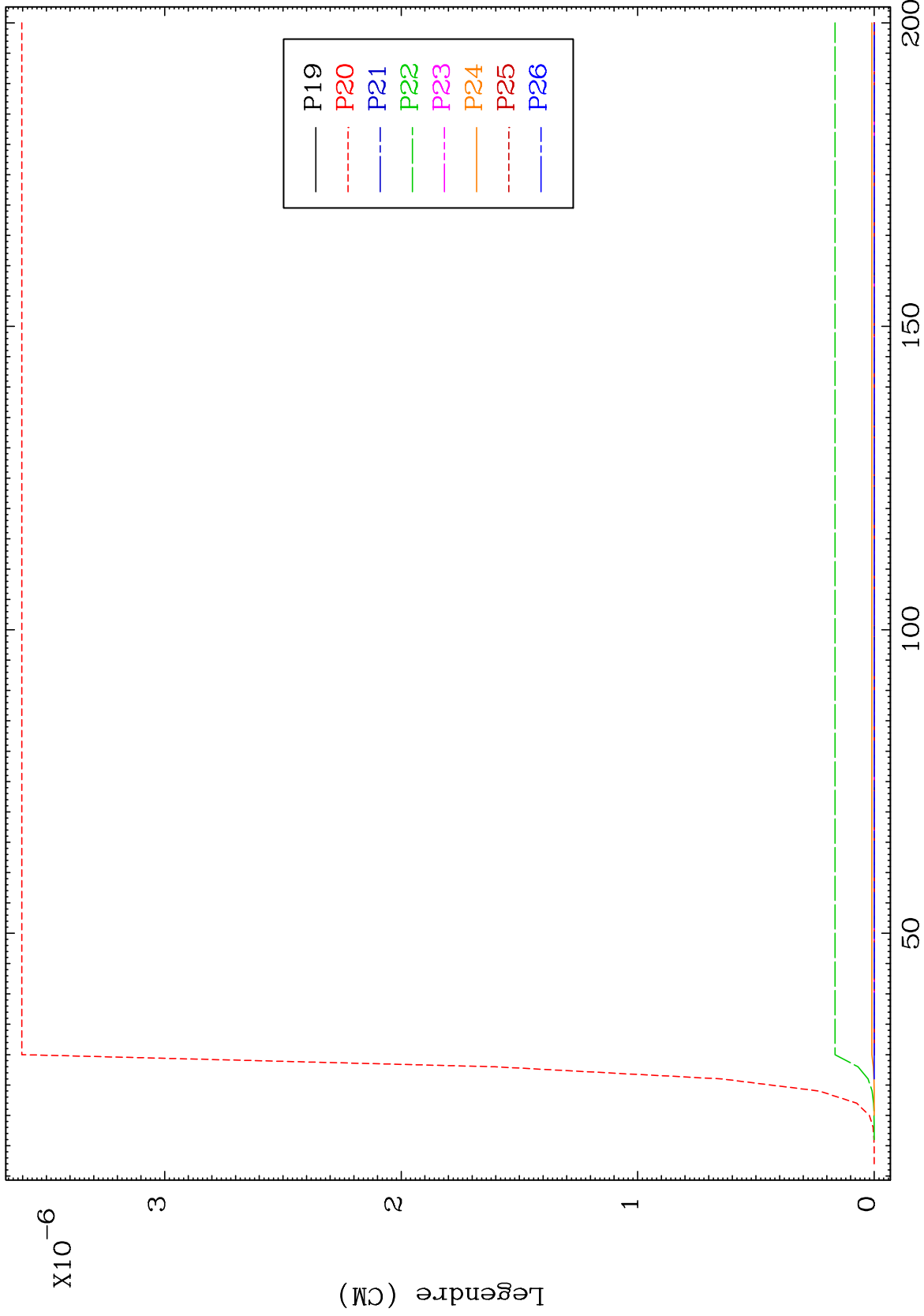
54-Xe-128

Incident Energy (MeV)

MAT 5437

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

54-Xe-128



51

Incident Energy (MeV)

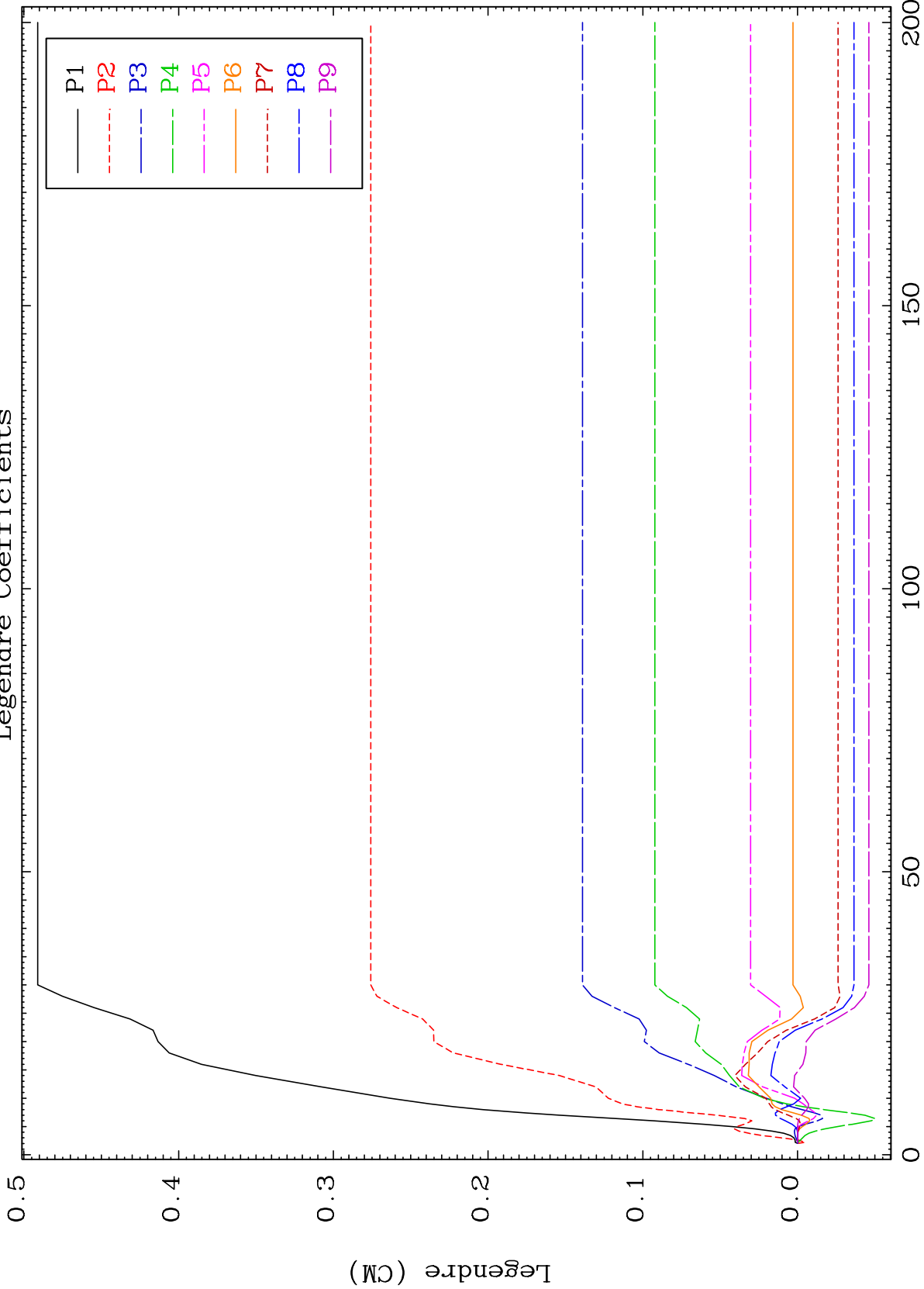
54-Xe-128

MAT 5437

MT= 60 (n,n') Level

54-Xe-128

Legendre Coefficients



52

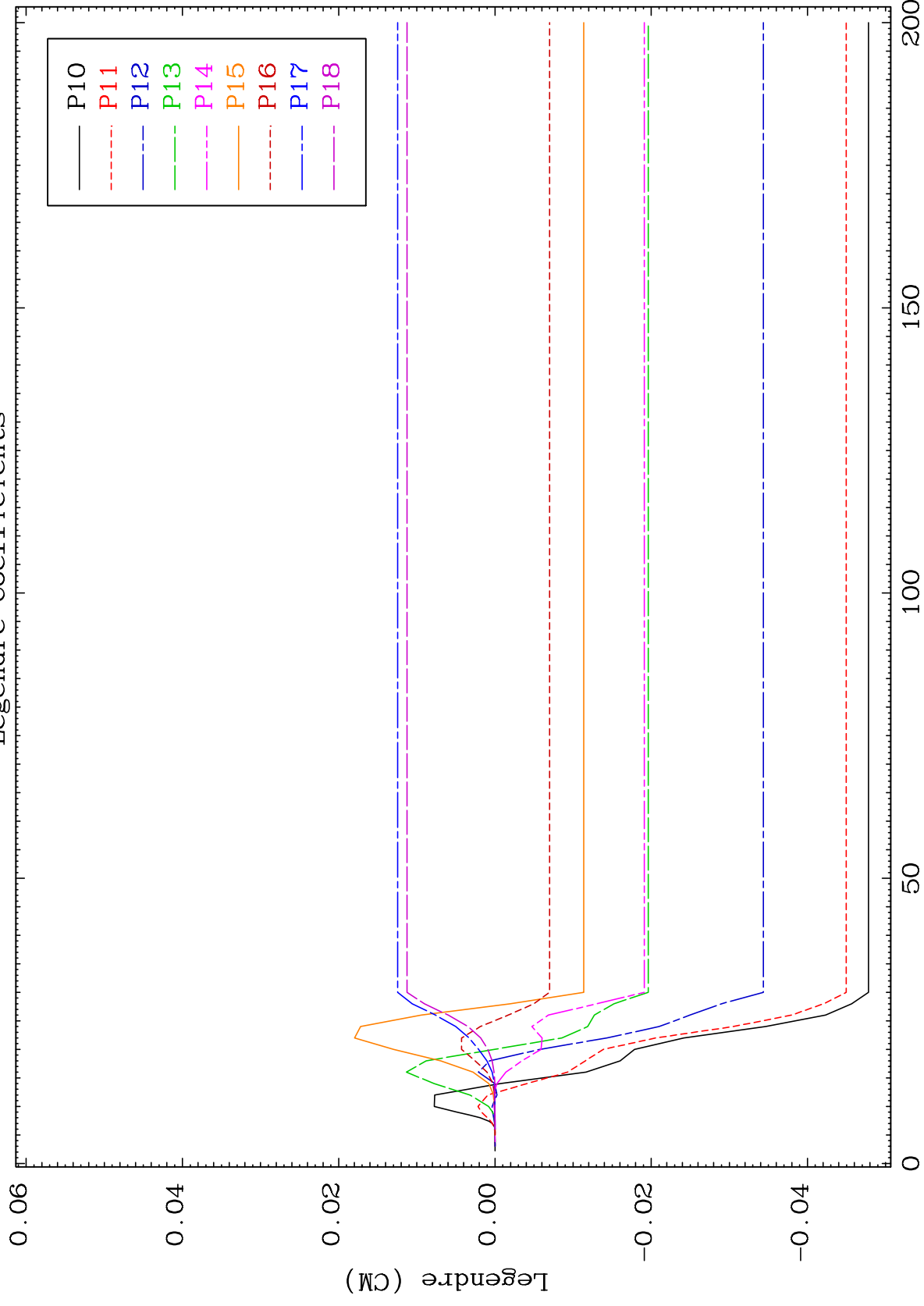
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



53

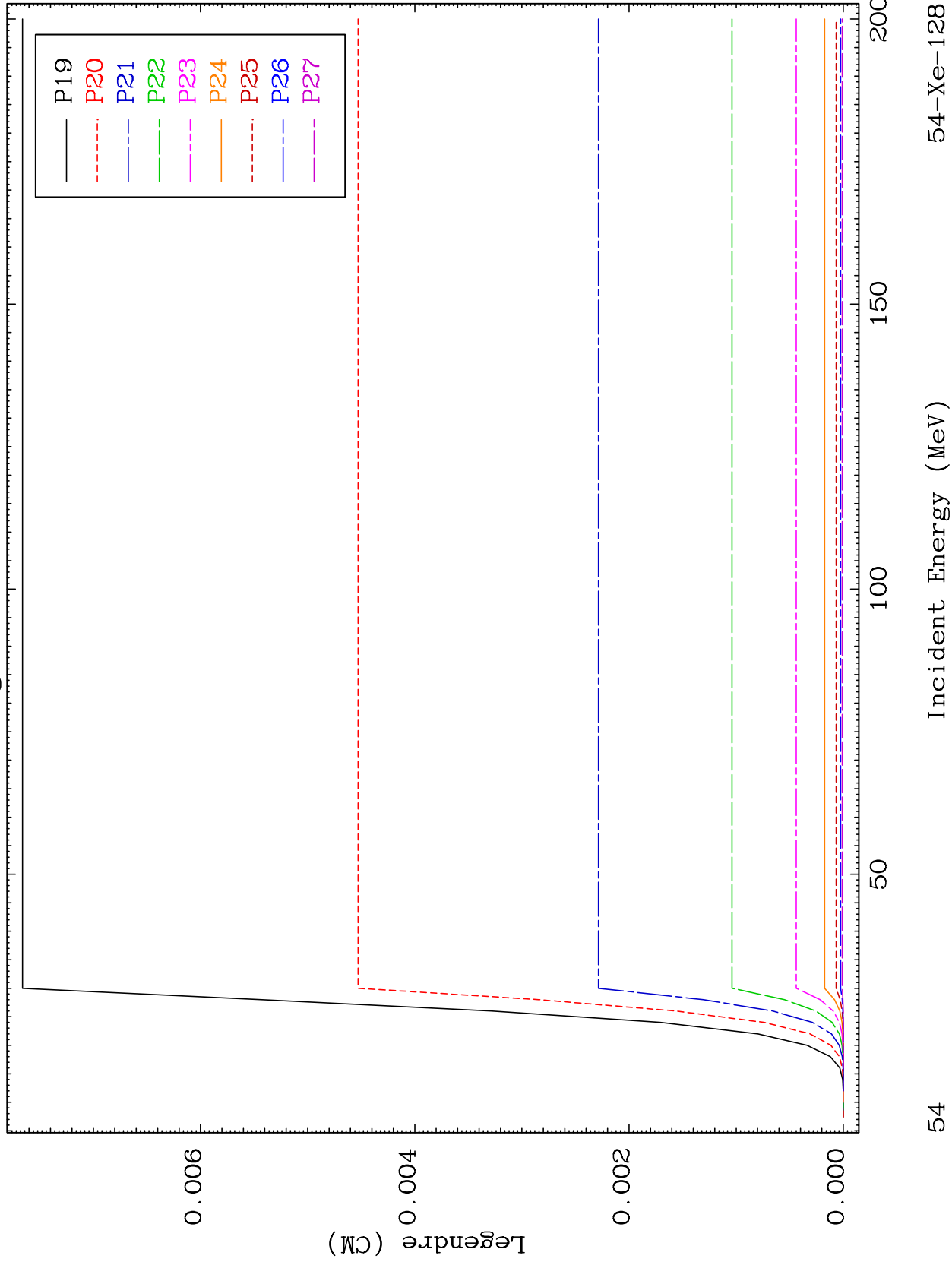
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



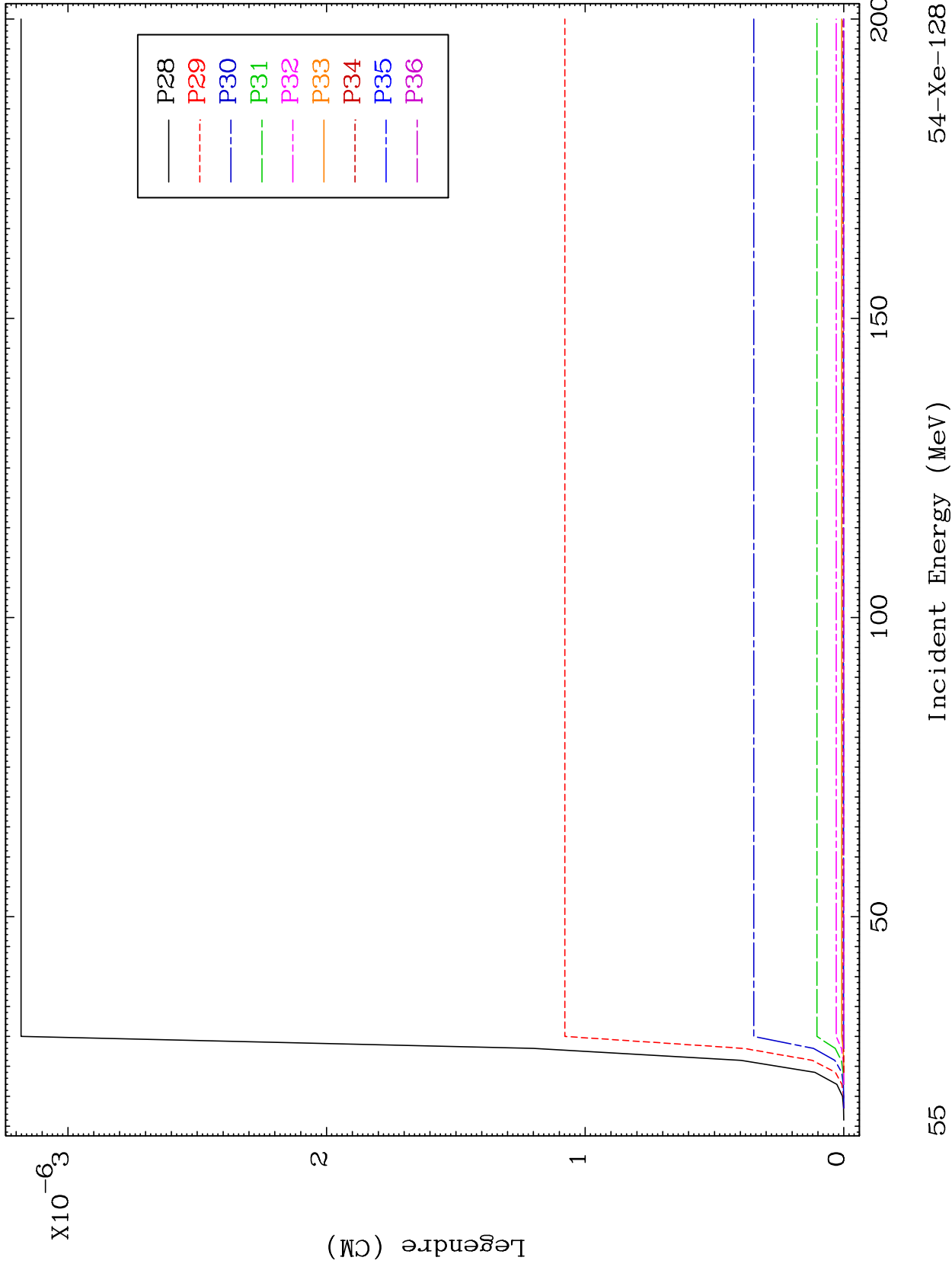
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54-Xe-128

MAT 5437

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

54-Xe-128



55

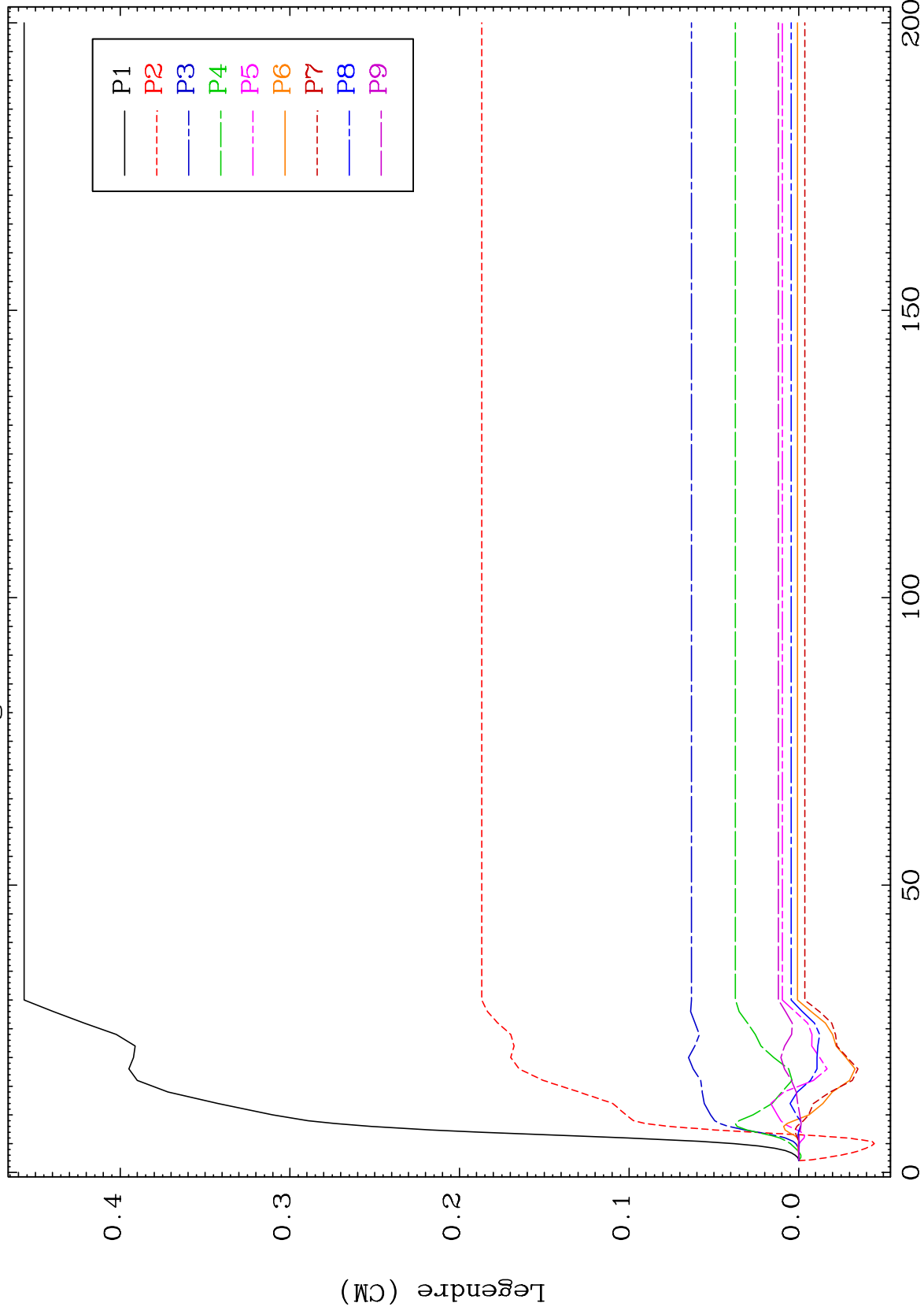
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

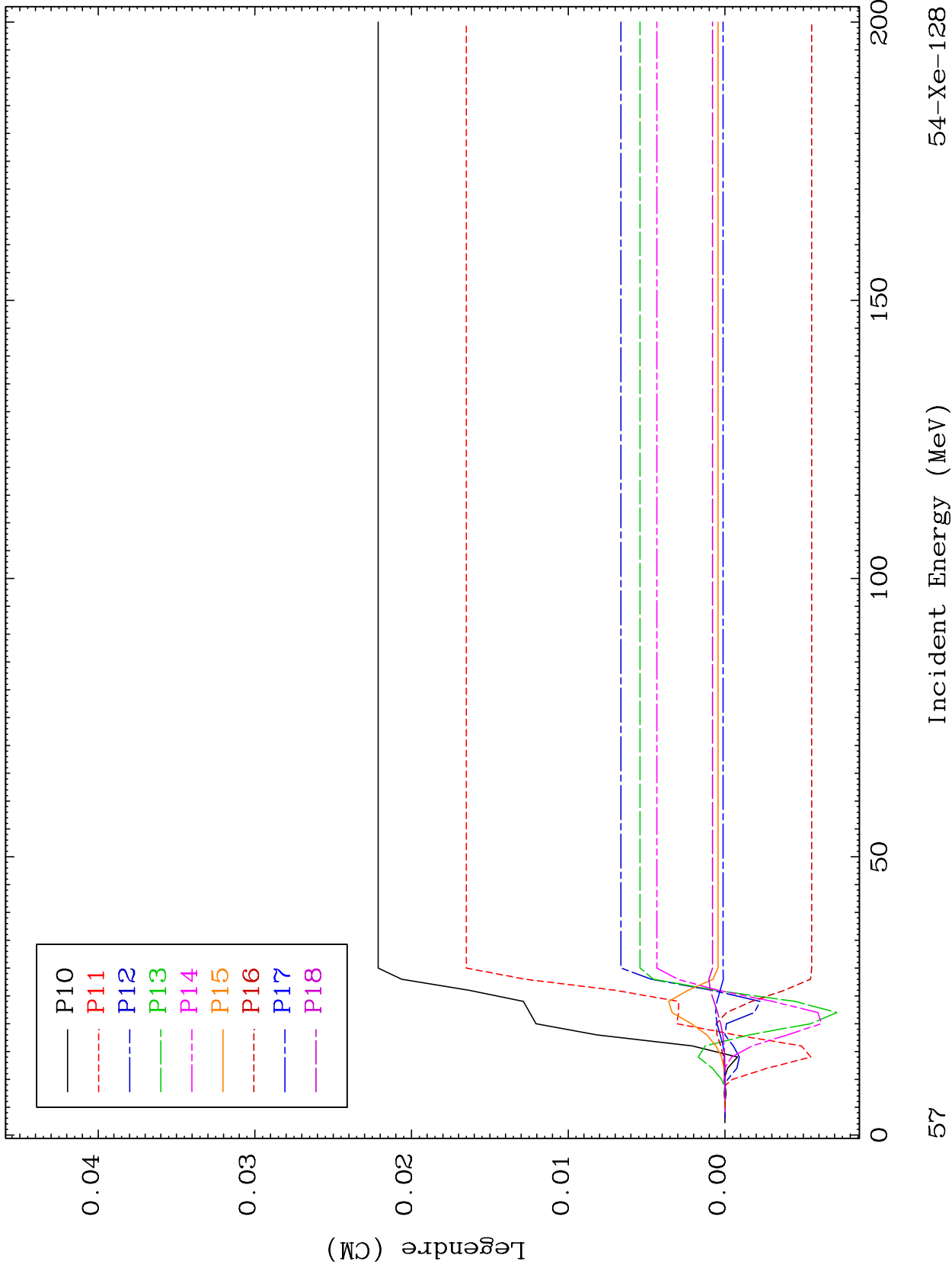
Incident Energy (MeV)

56

MAT 5437

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

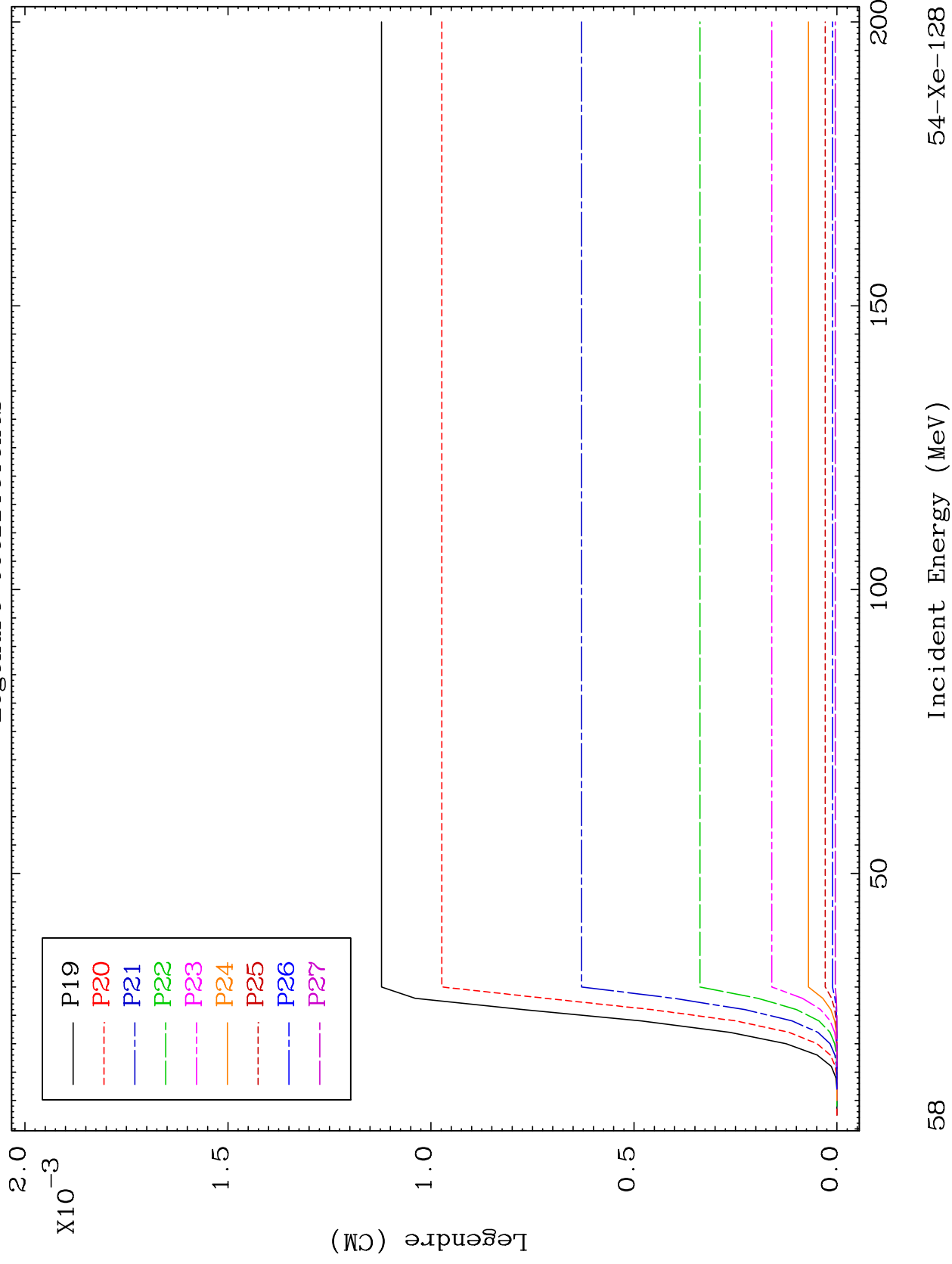
54-Xe-128



MAT 5437

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

54-Xe-128

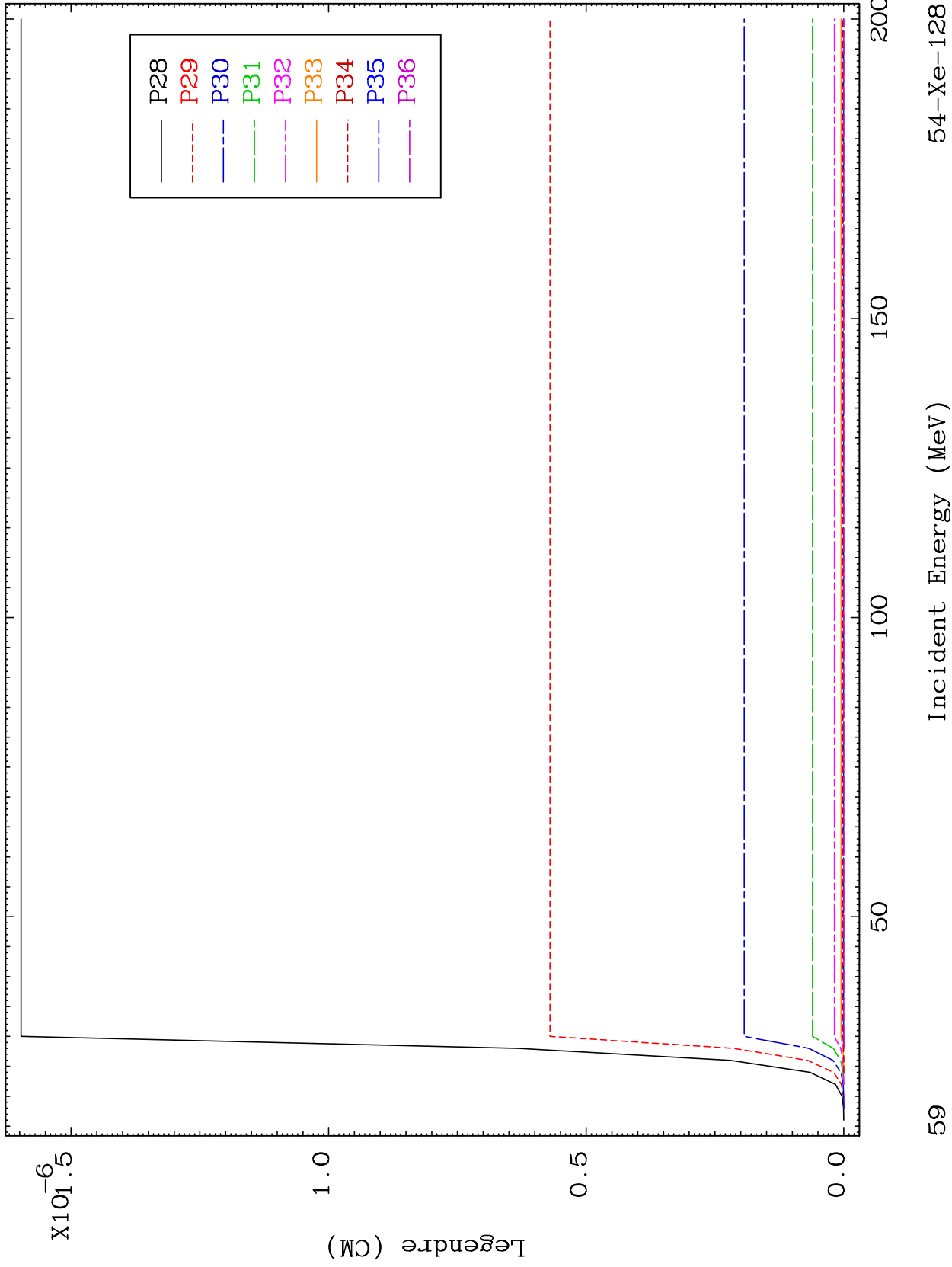


58

MAT 5437

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

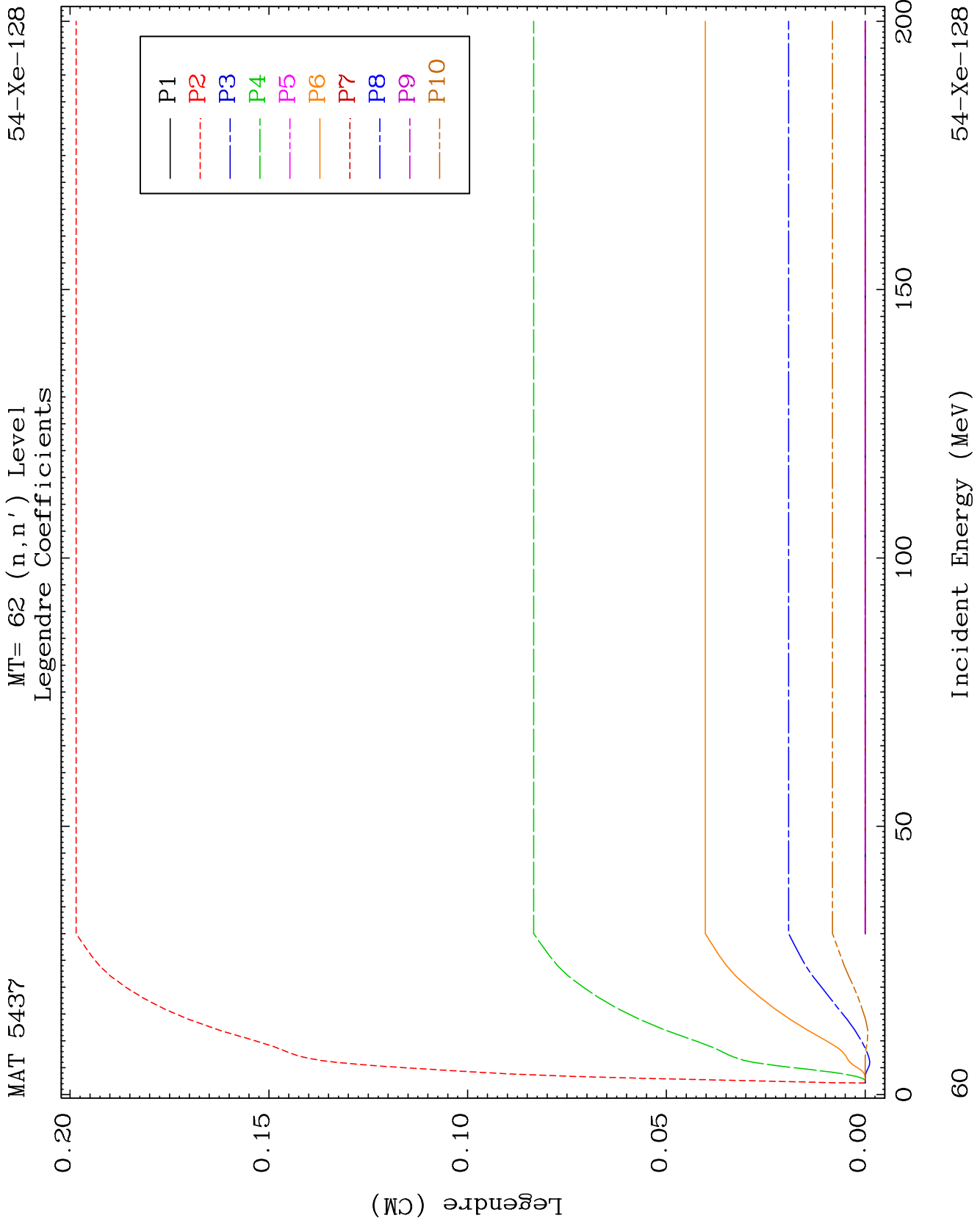
54-Xe-128



59

Incident Energy (MeV)

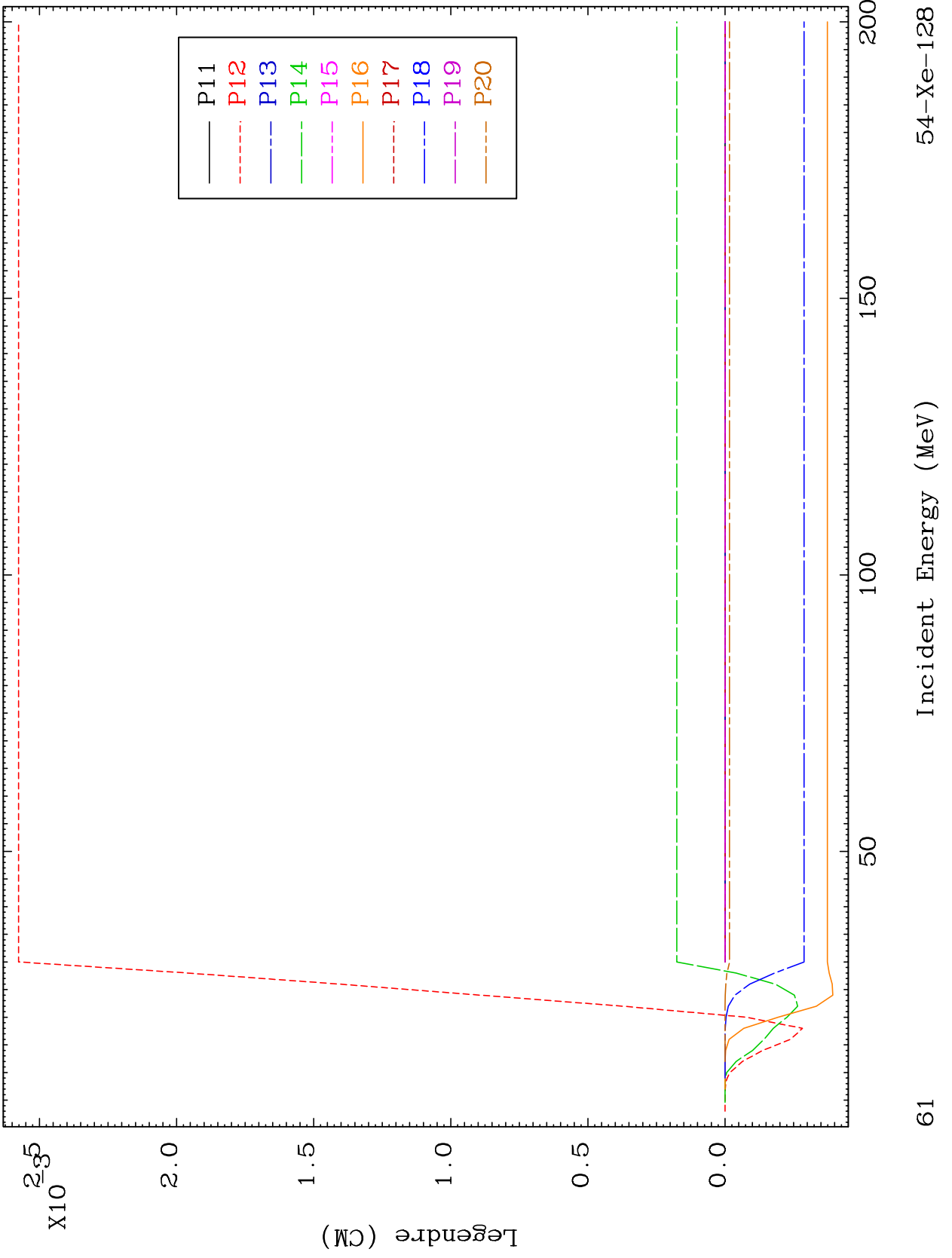
54-Xe-128



MAT 5437

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

54-Xe-128



61

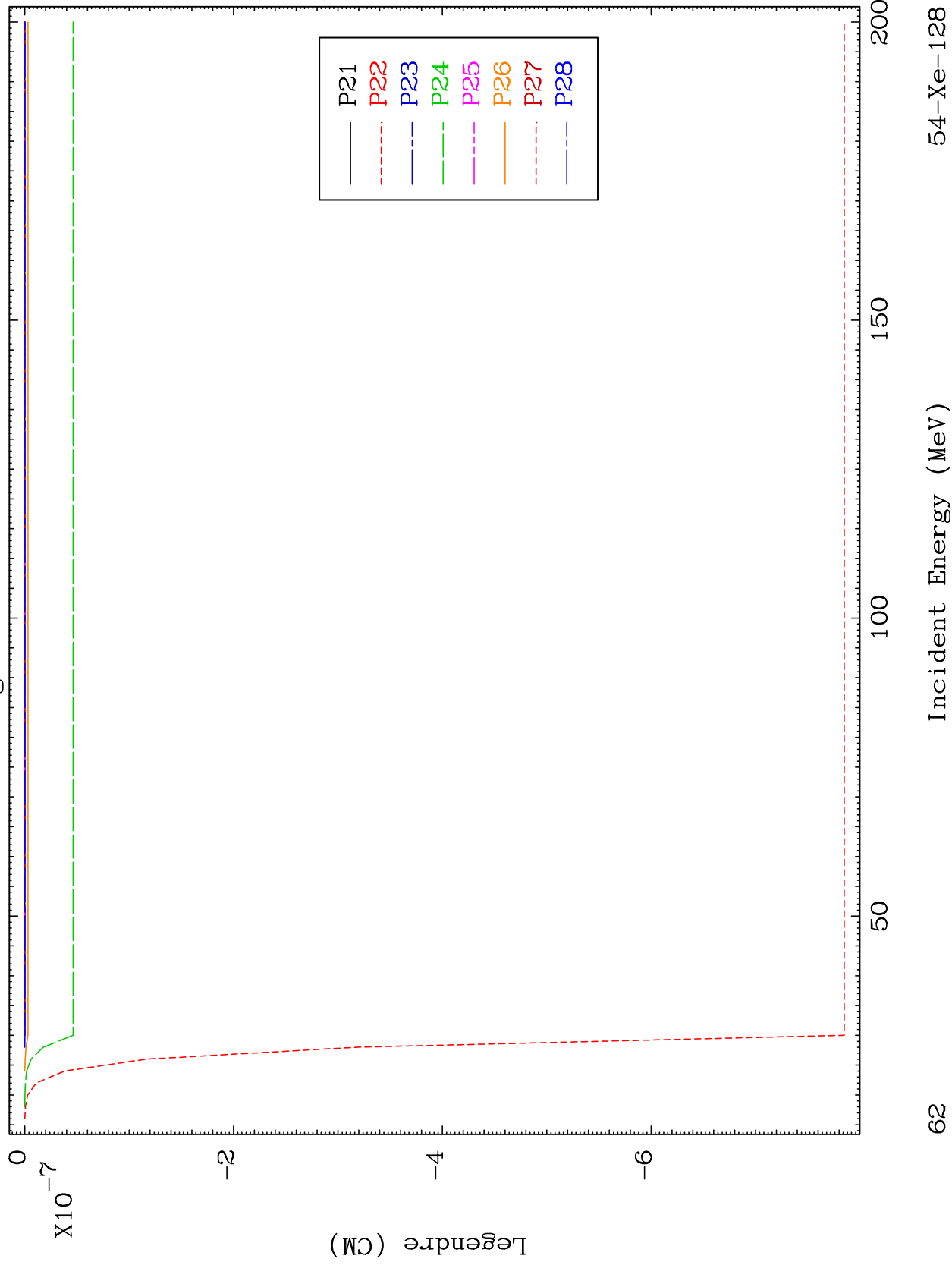
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



62

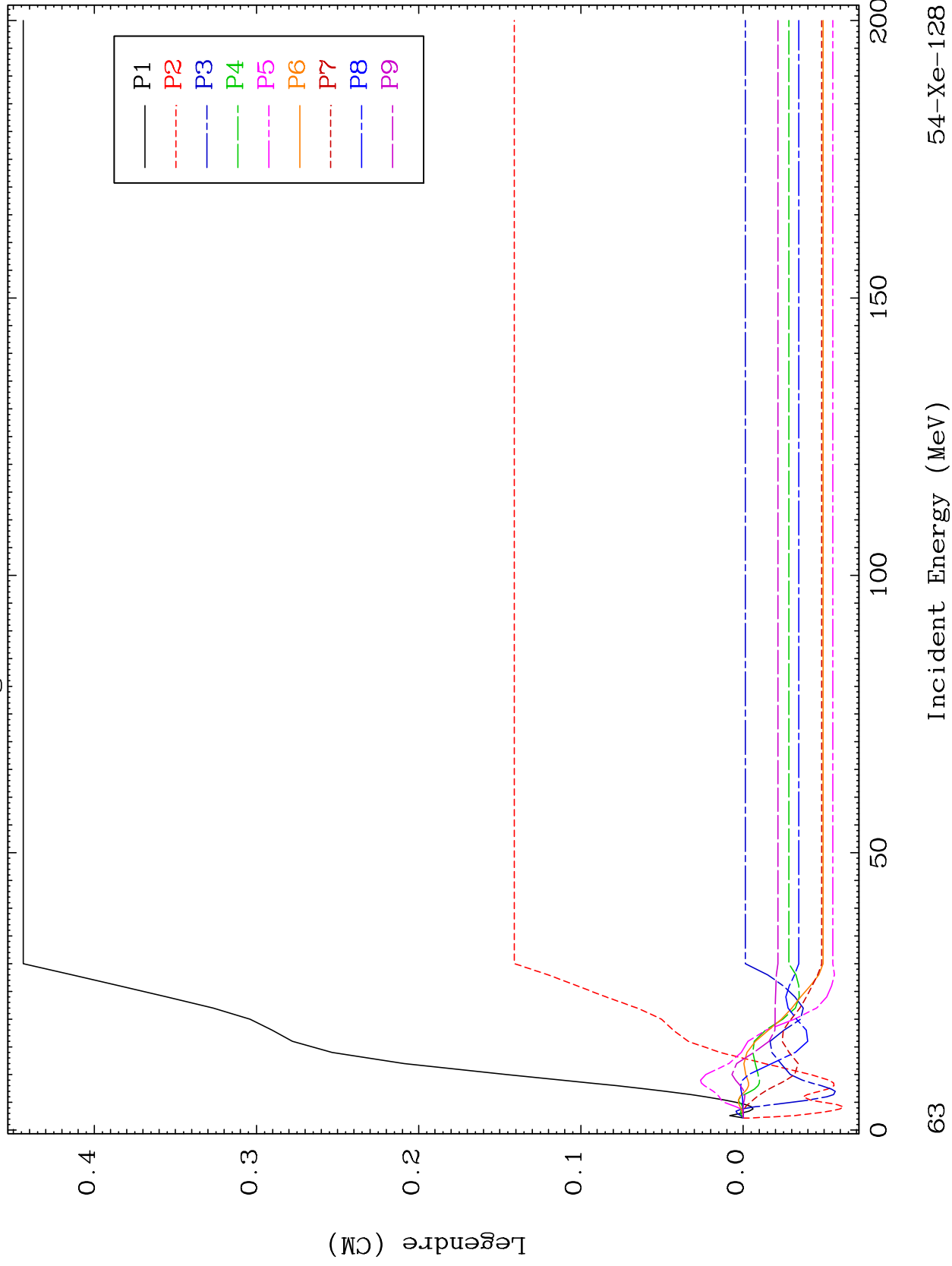
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

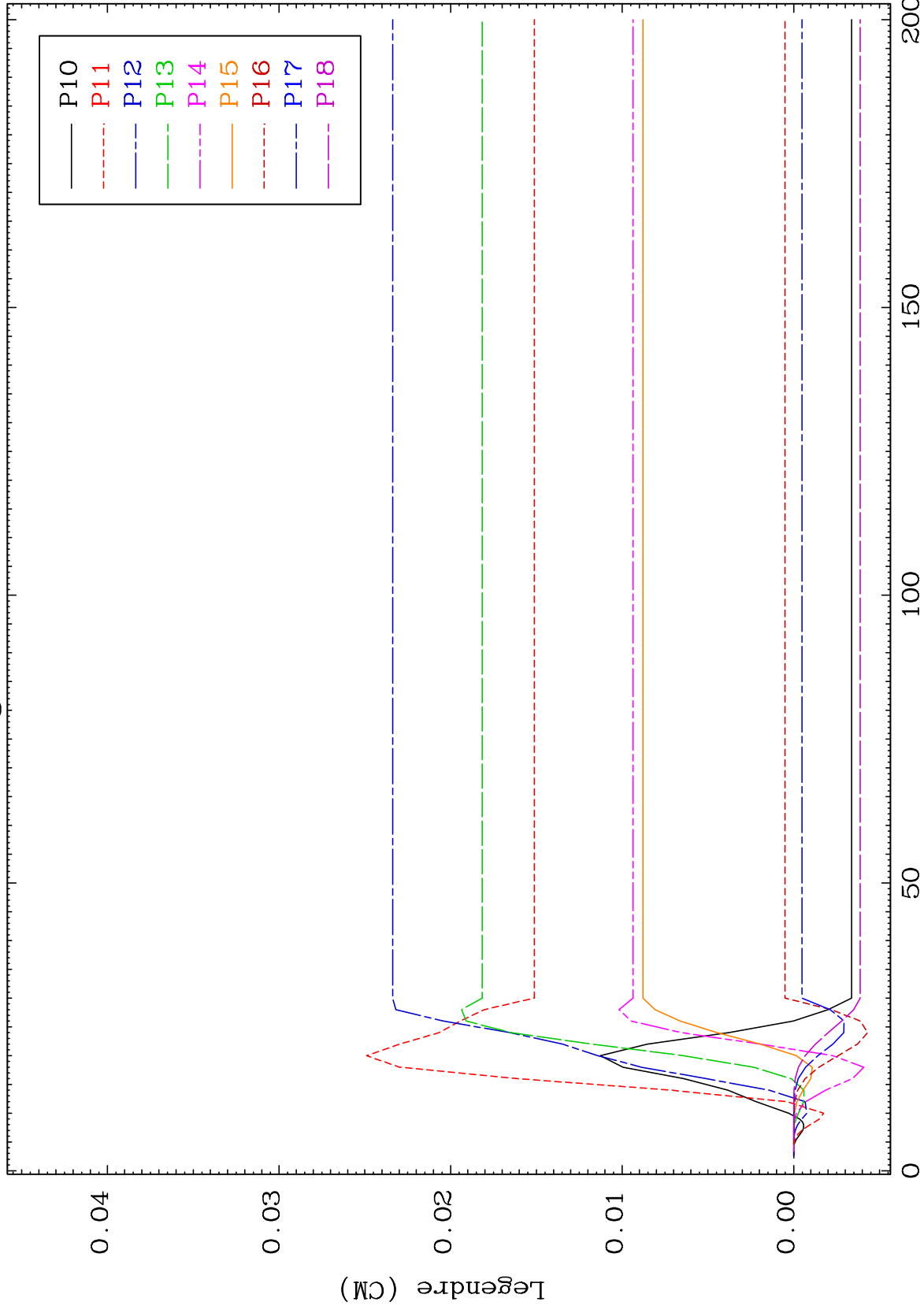
Incident Energy (MeV)

63

MAT 5437

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

54-Xe-128



64

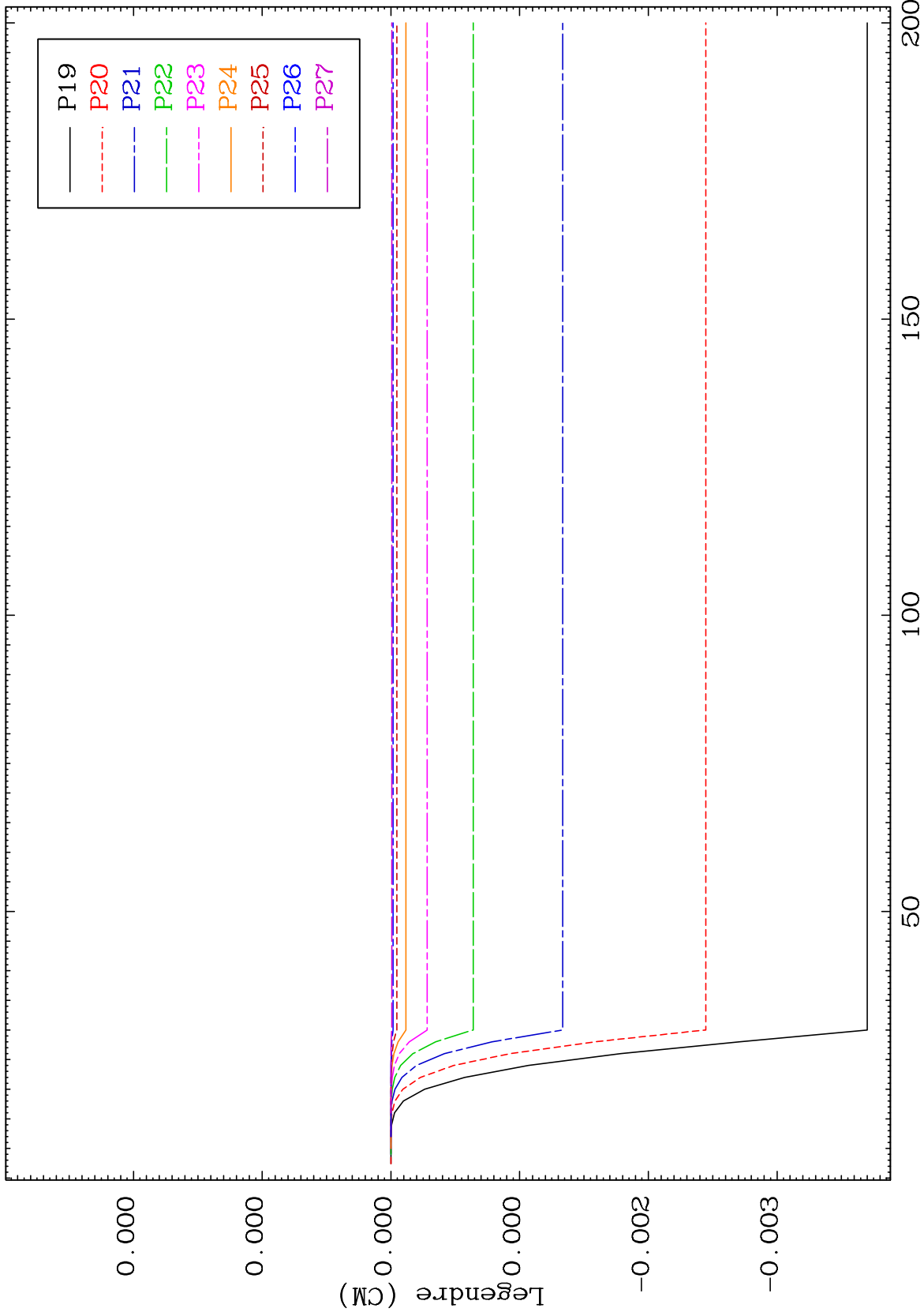
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



65

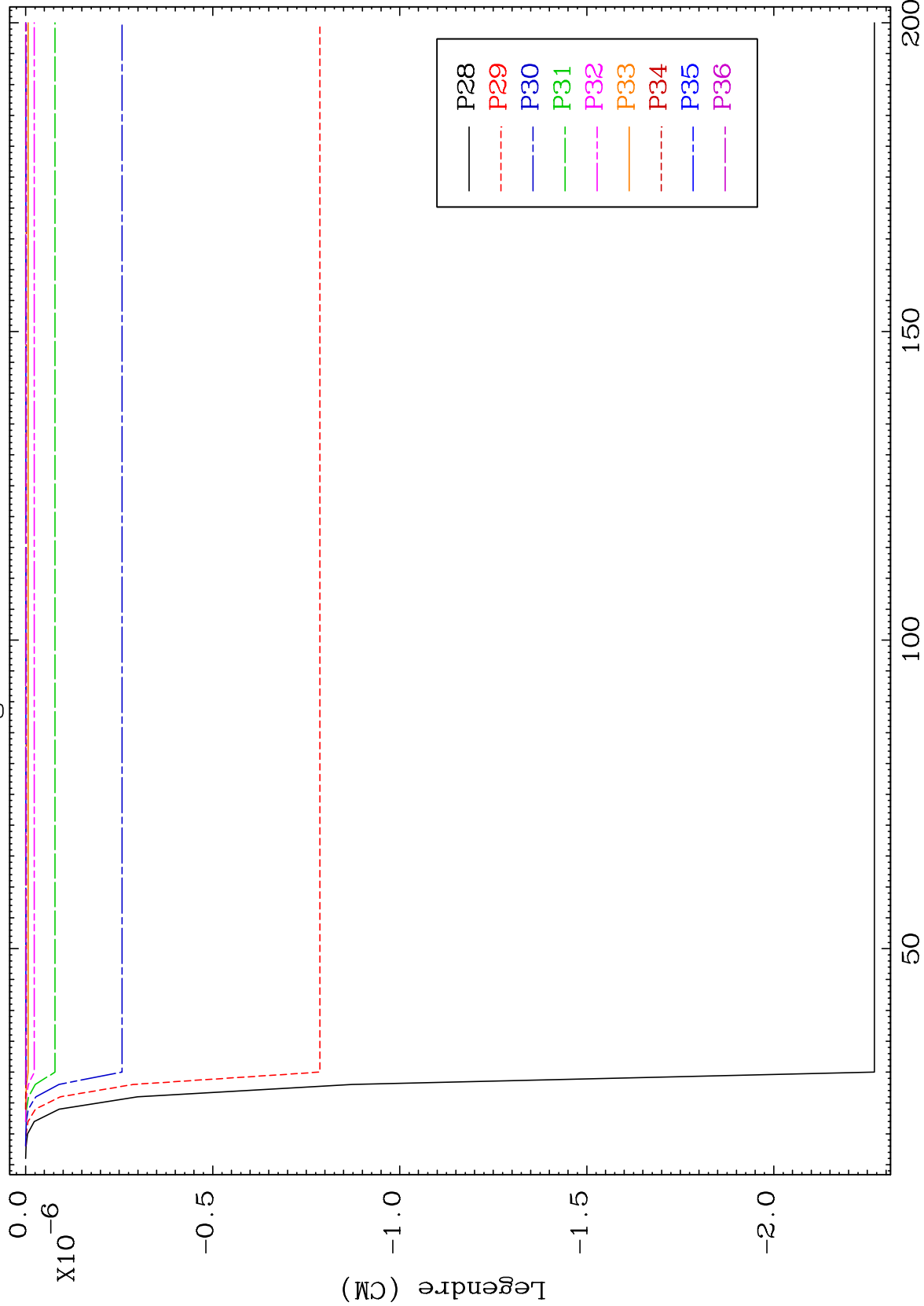
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

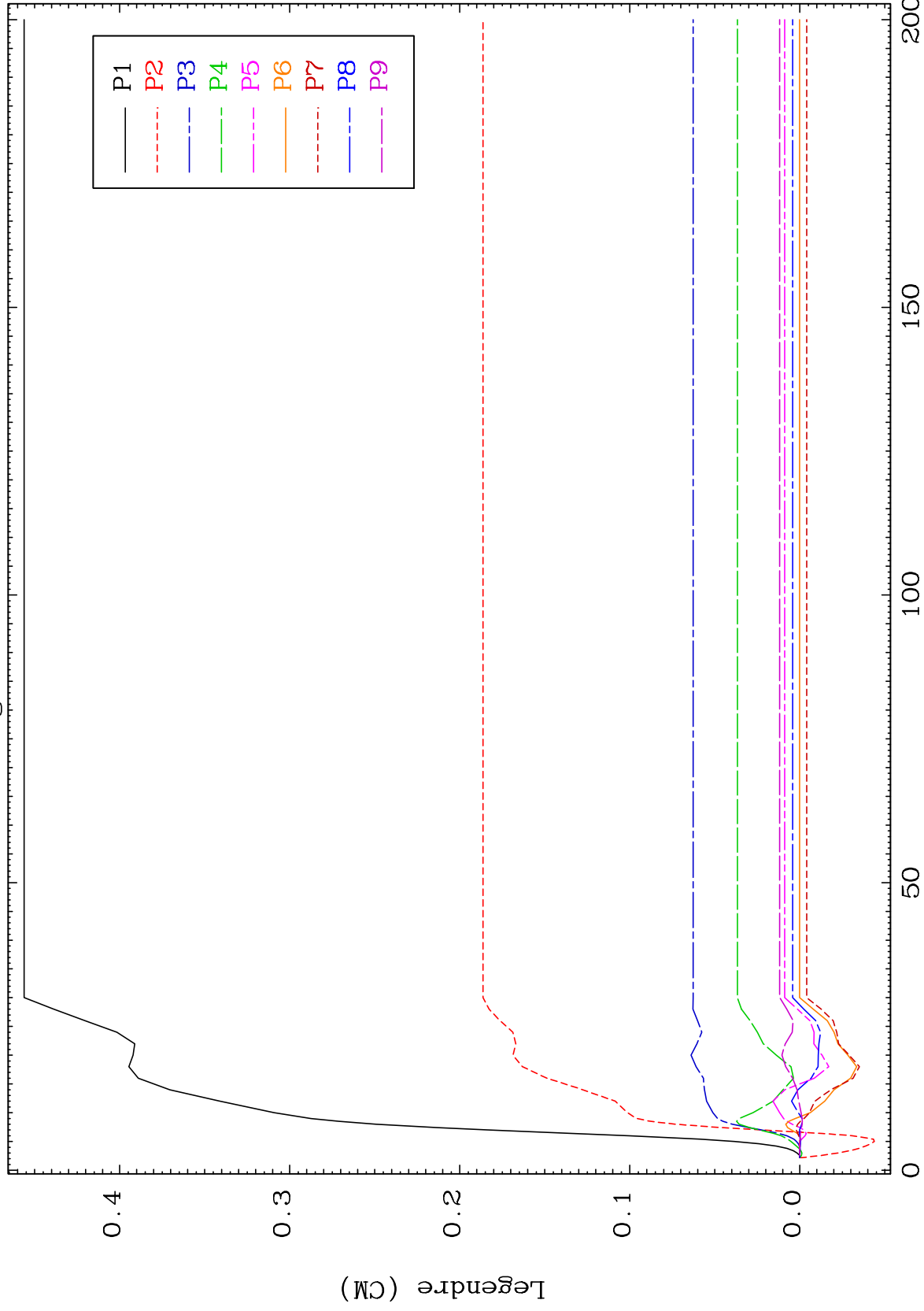
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

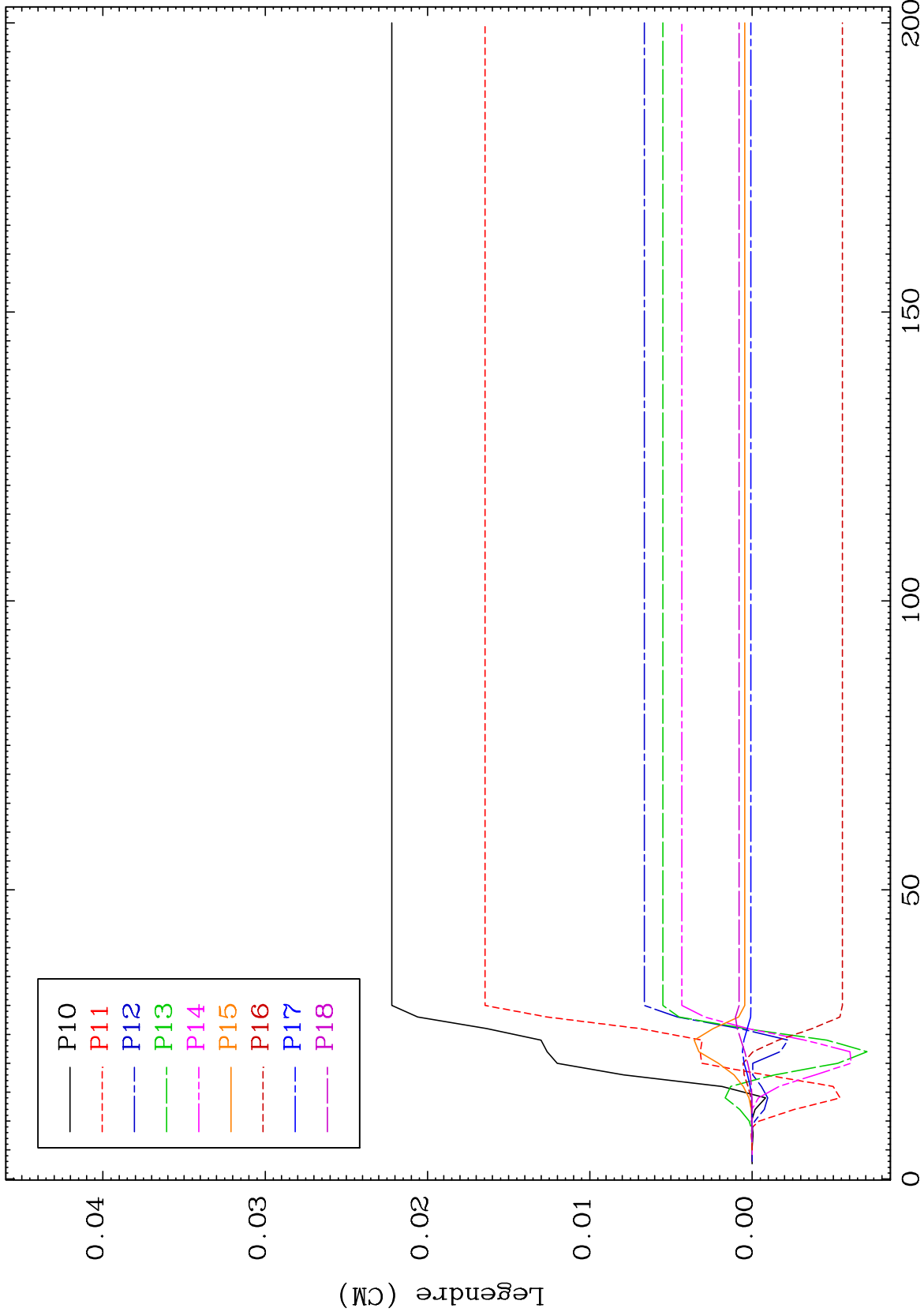
Incident Energy (MeV)

67

MAT 5437

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

54-Xe-128



68

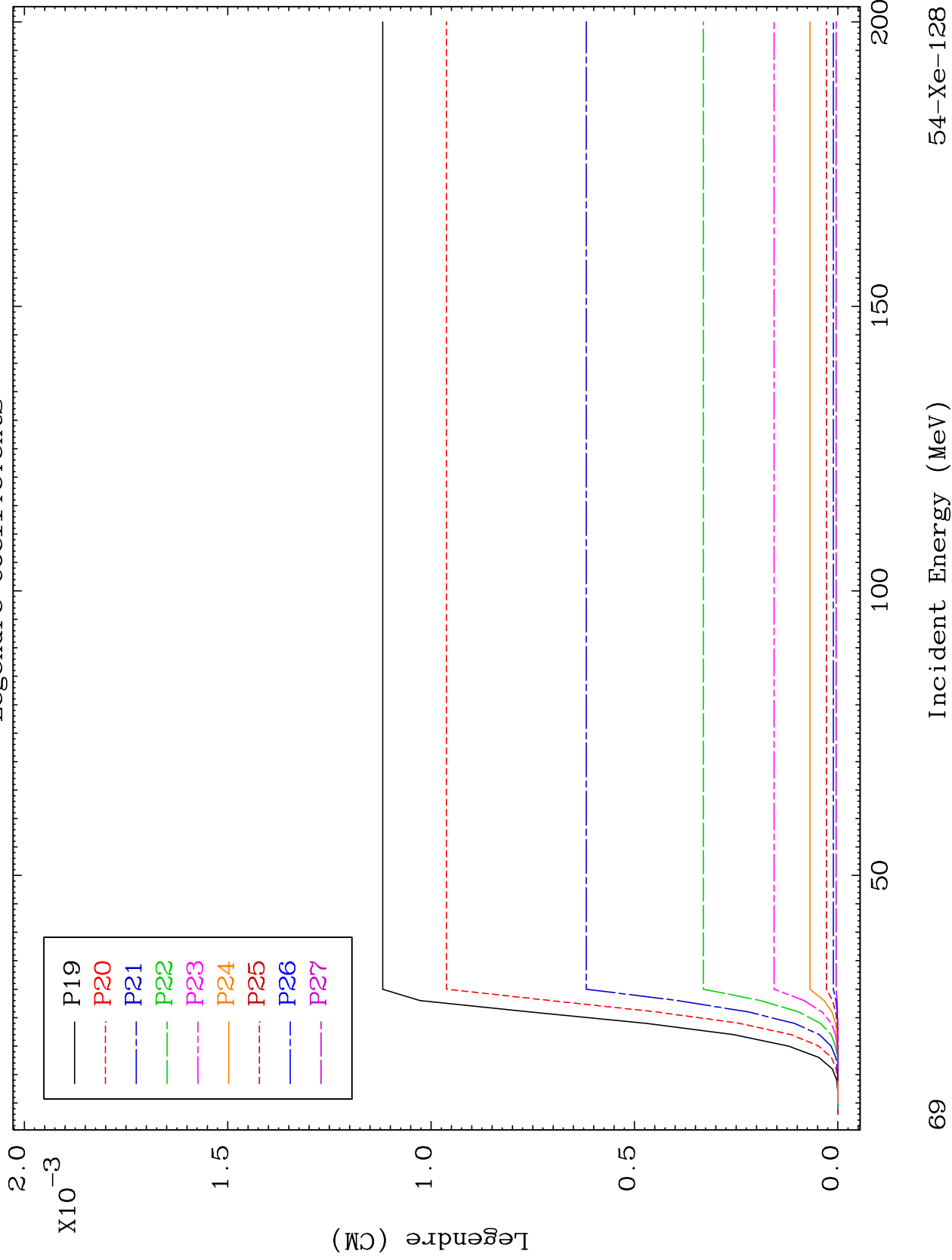
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

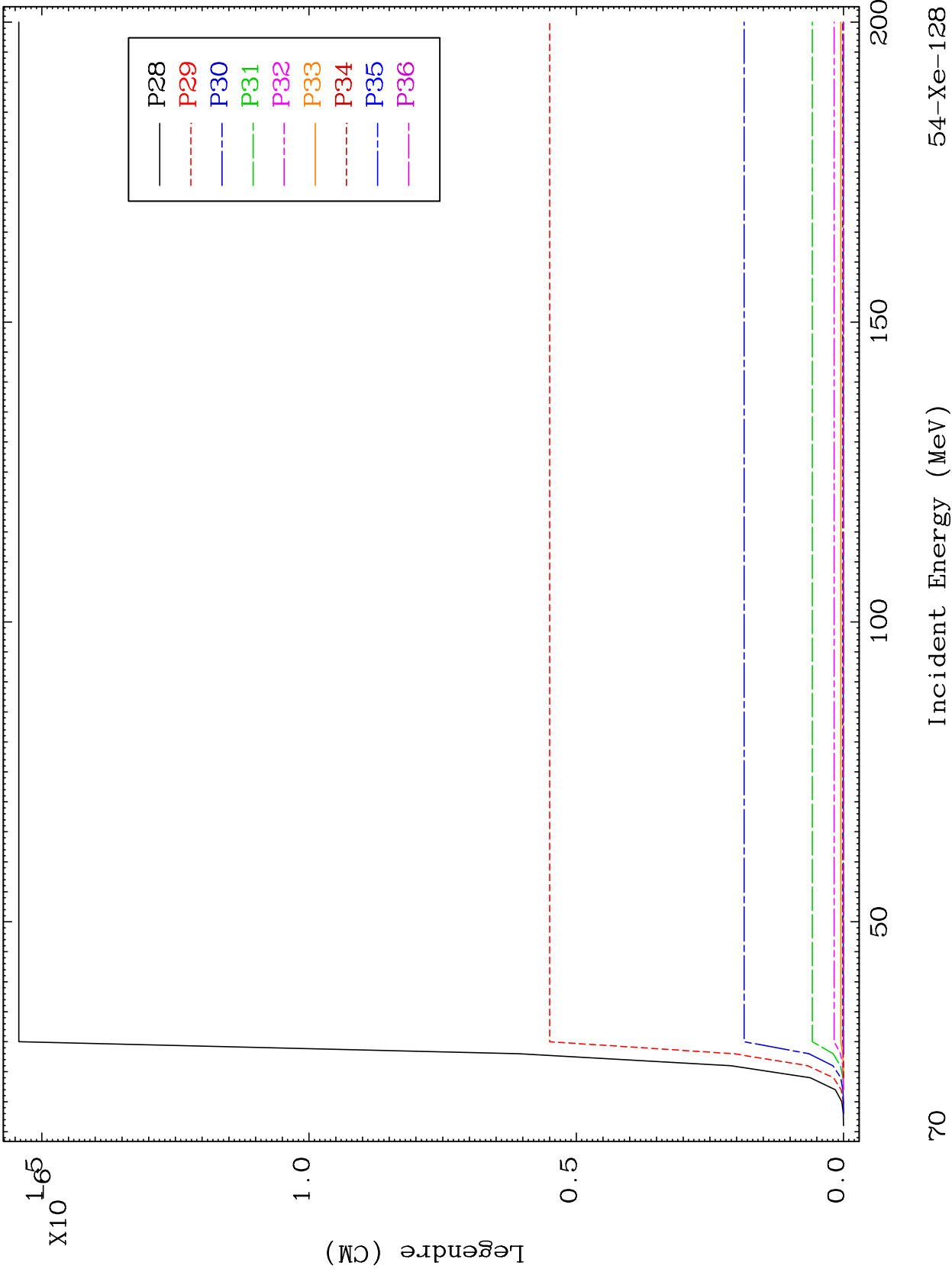
54-Xe-128



MAT 5437

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

54-Xe-128



54-Xe-128

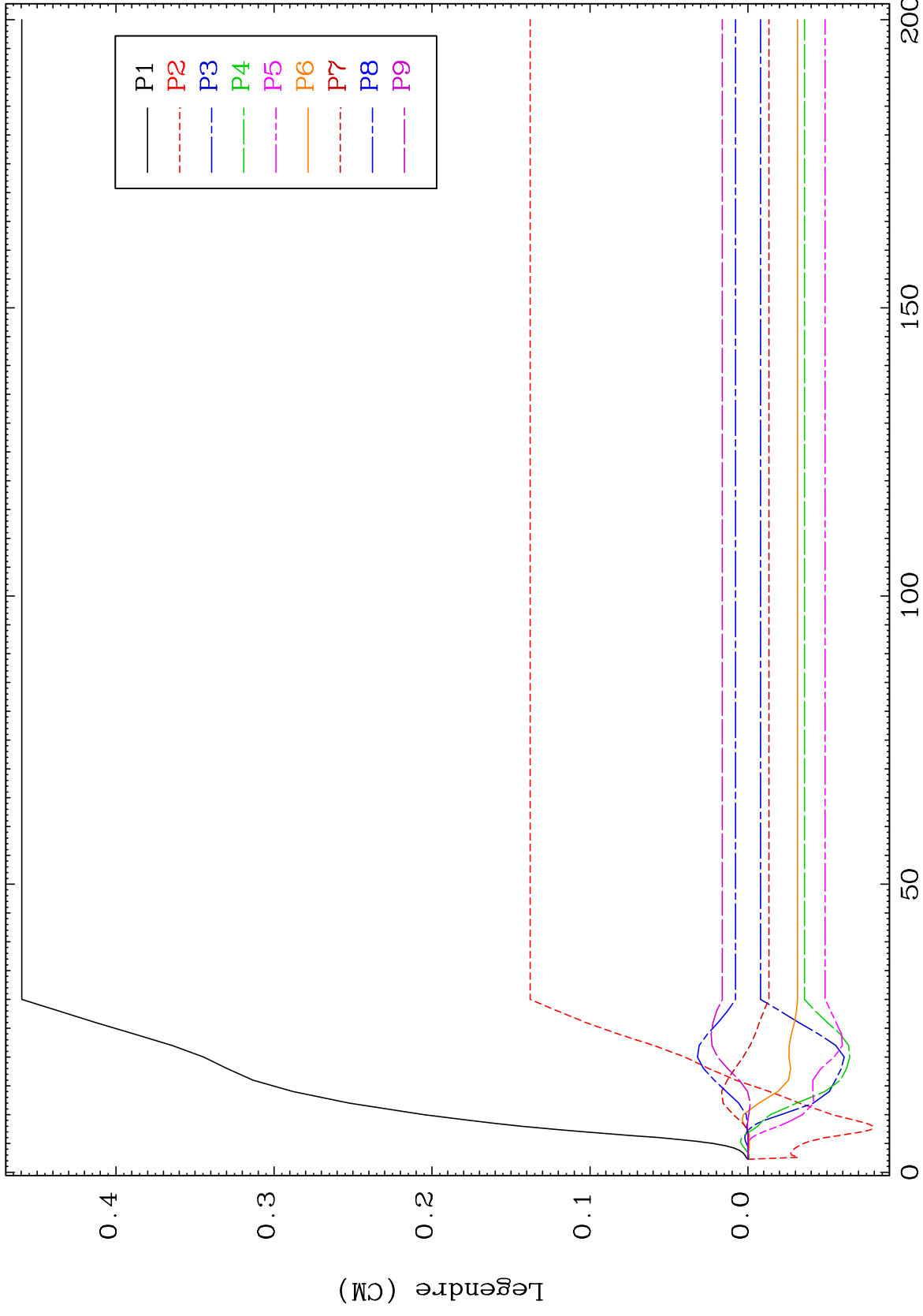
Incident Energy (MeV)

70

MAT 5437

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

54-Xe-128



71

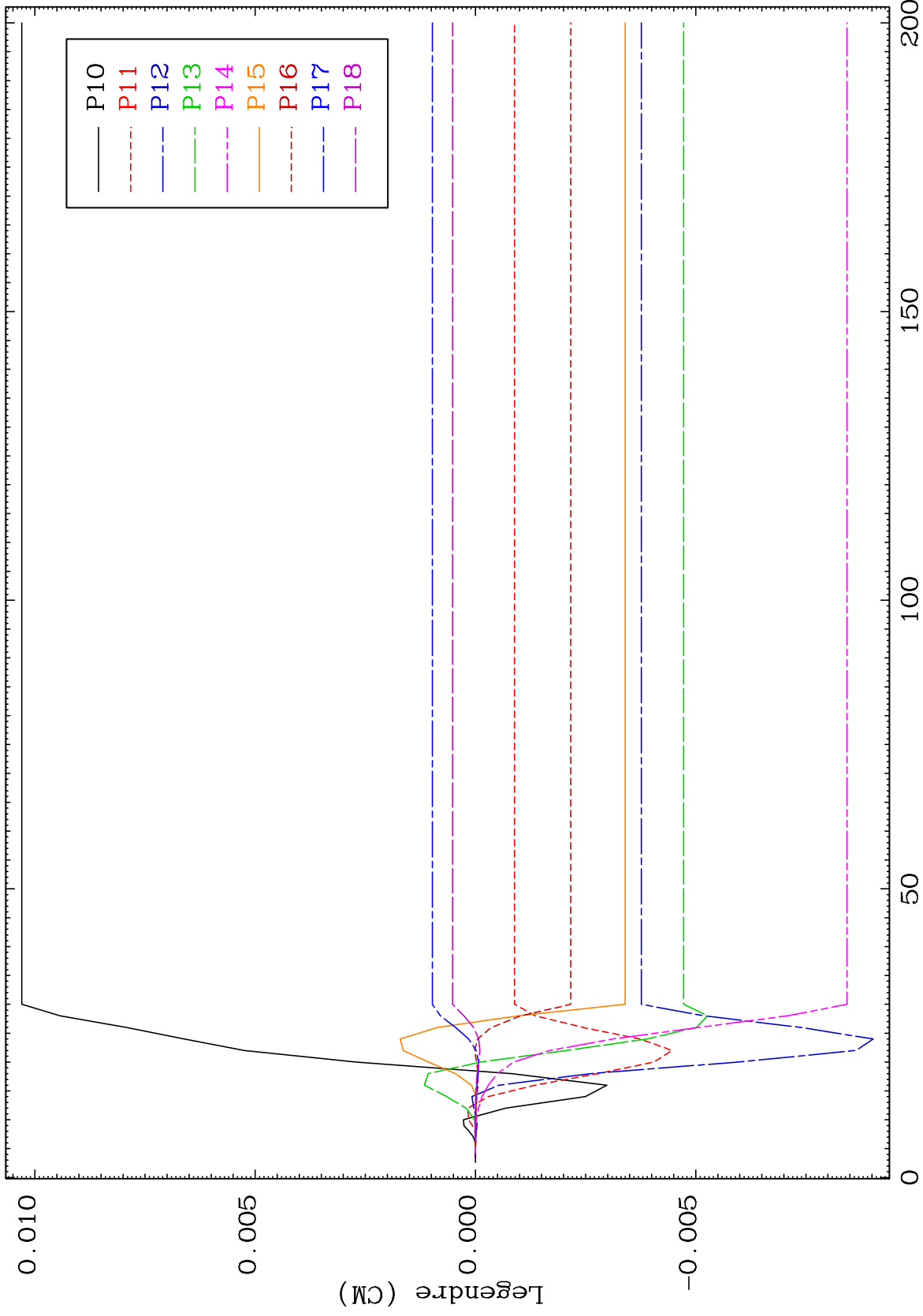
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



72

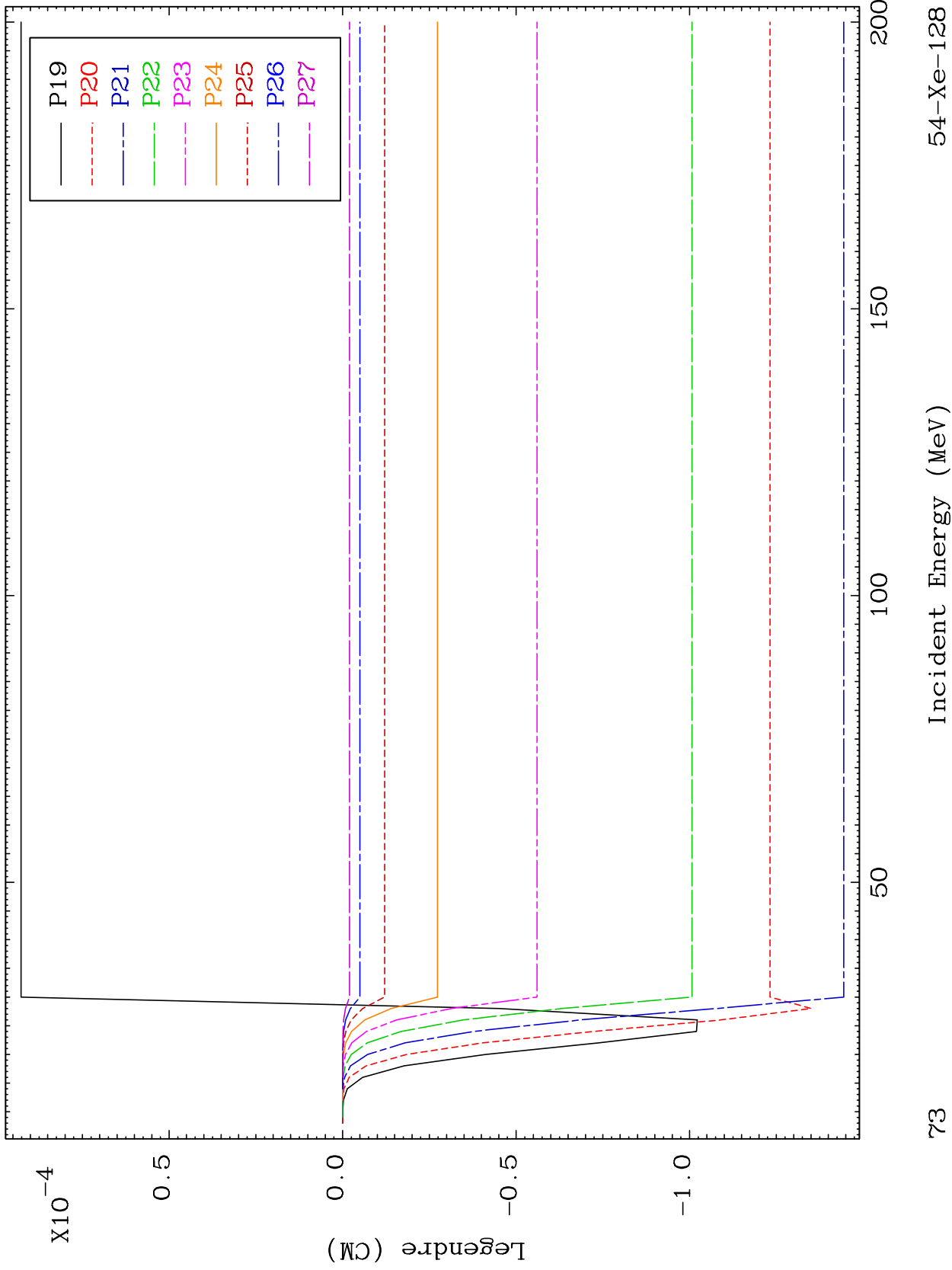
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

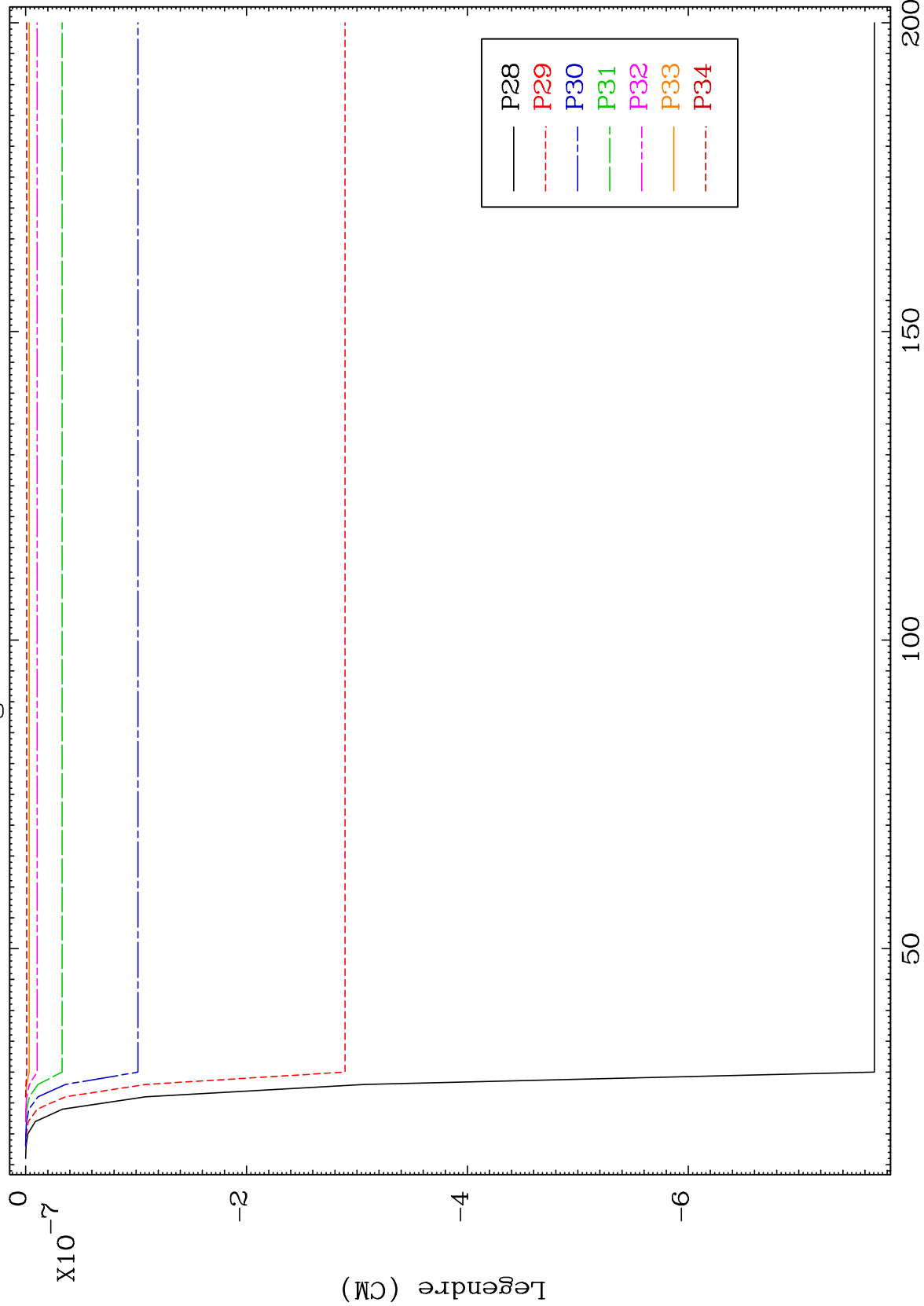
54-Xe-128



MAT 5437

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

54-Xe-128



74

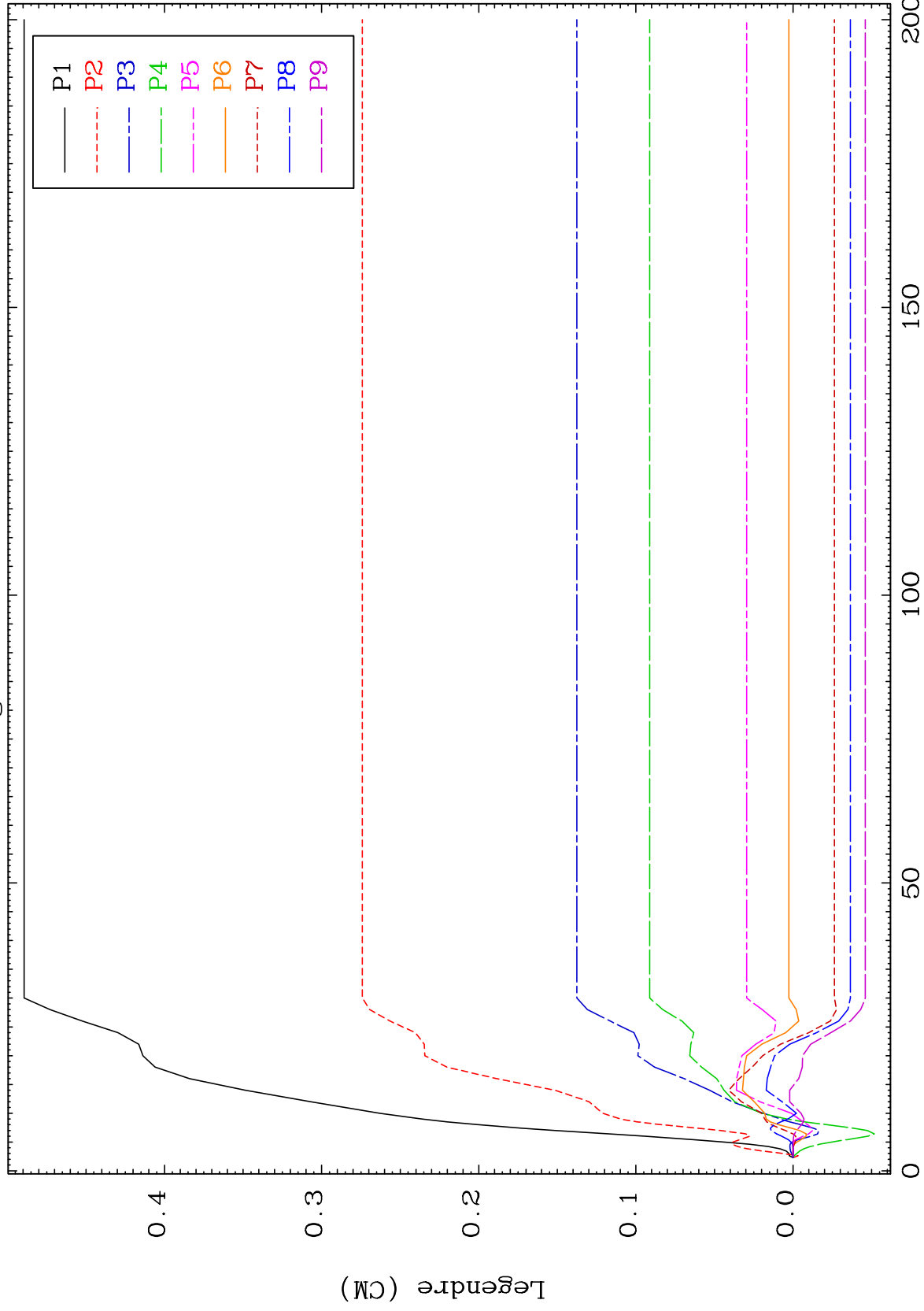
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

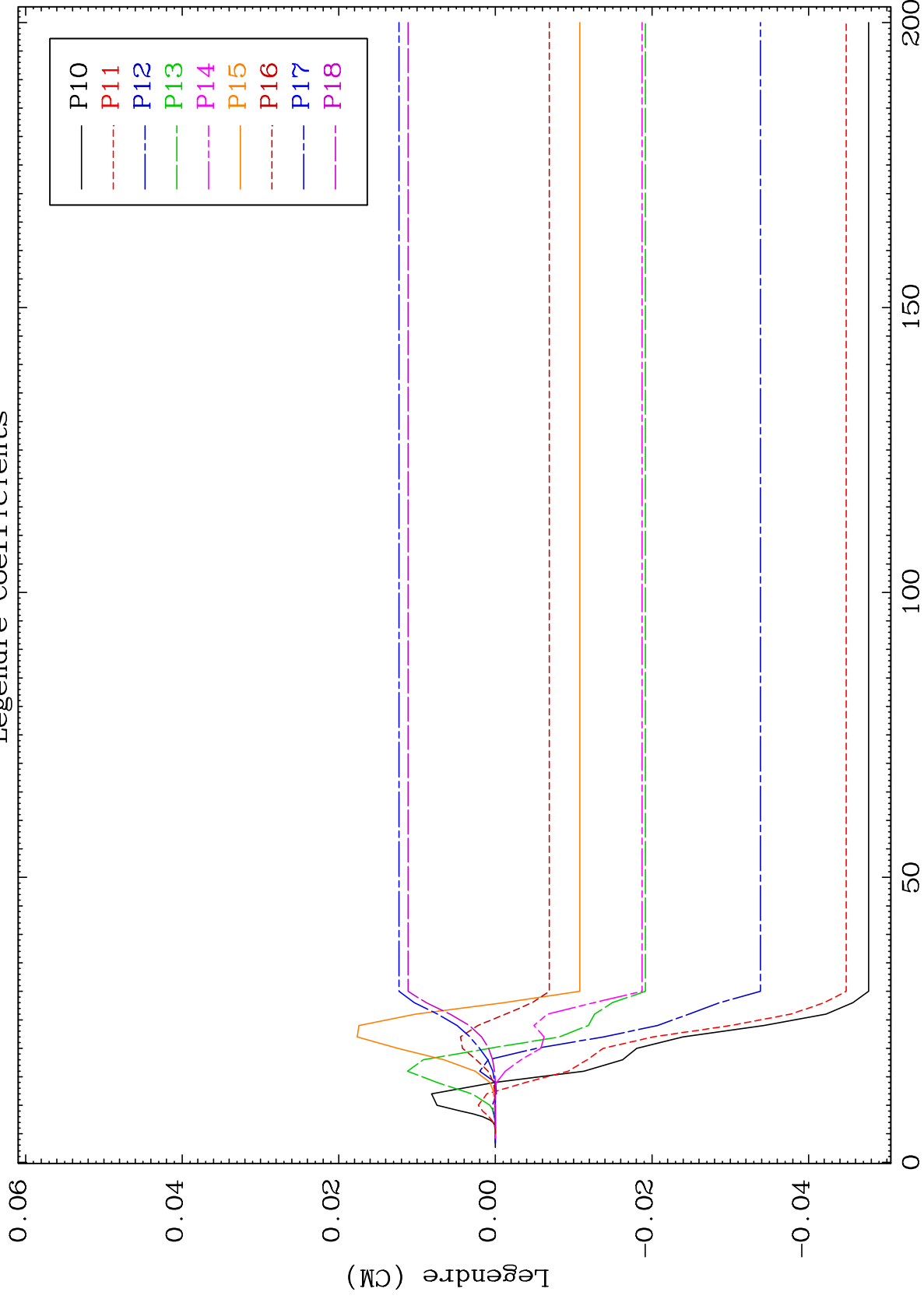
Incident Energy (MeV)

75

MAT 5437

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

54-Xe-128



76

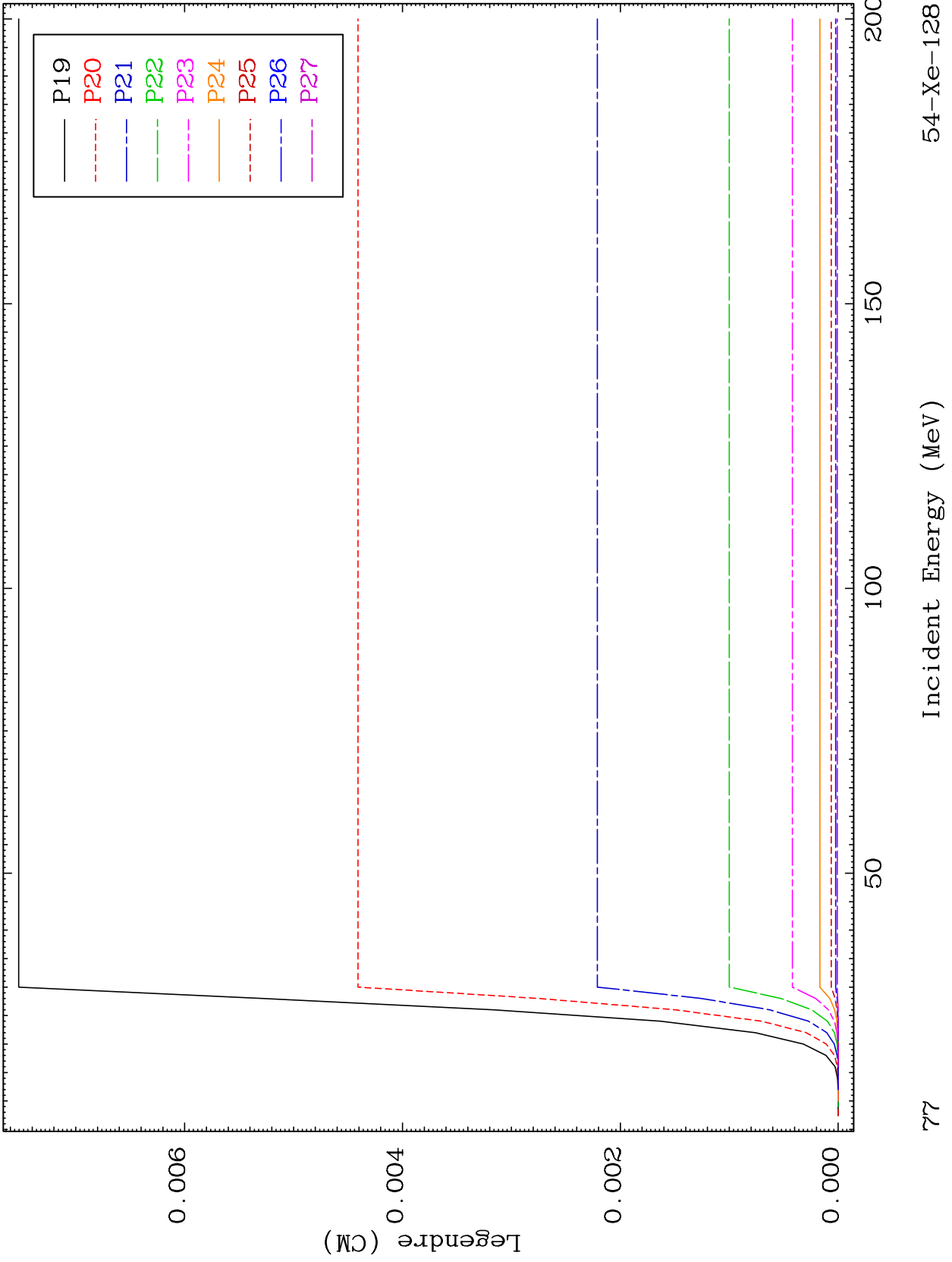
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



77

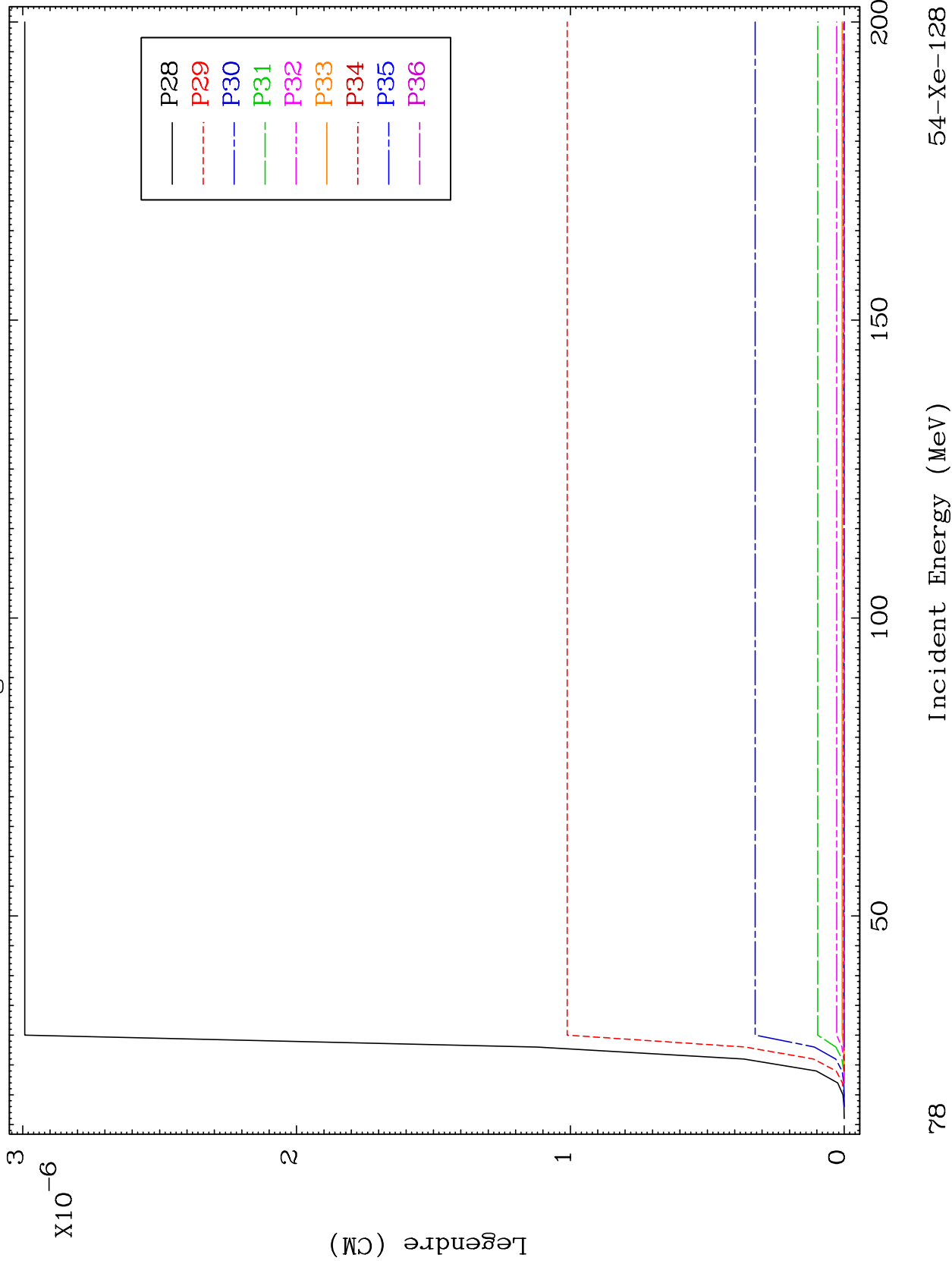
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



78

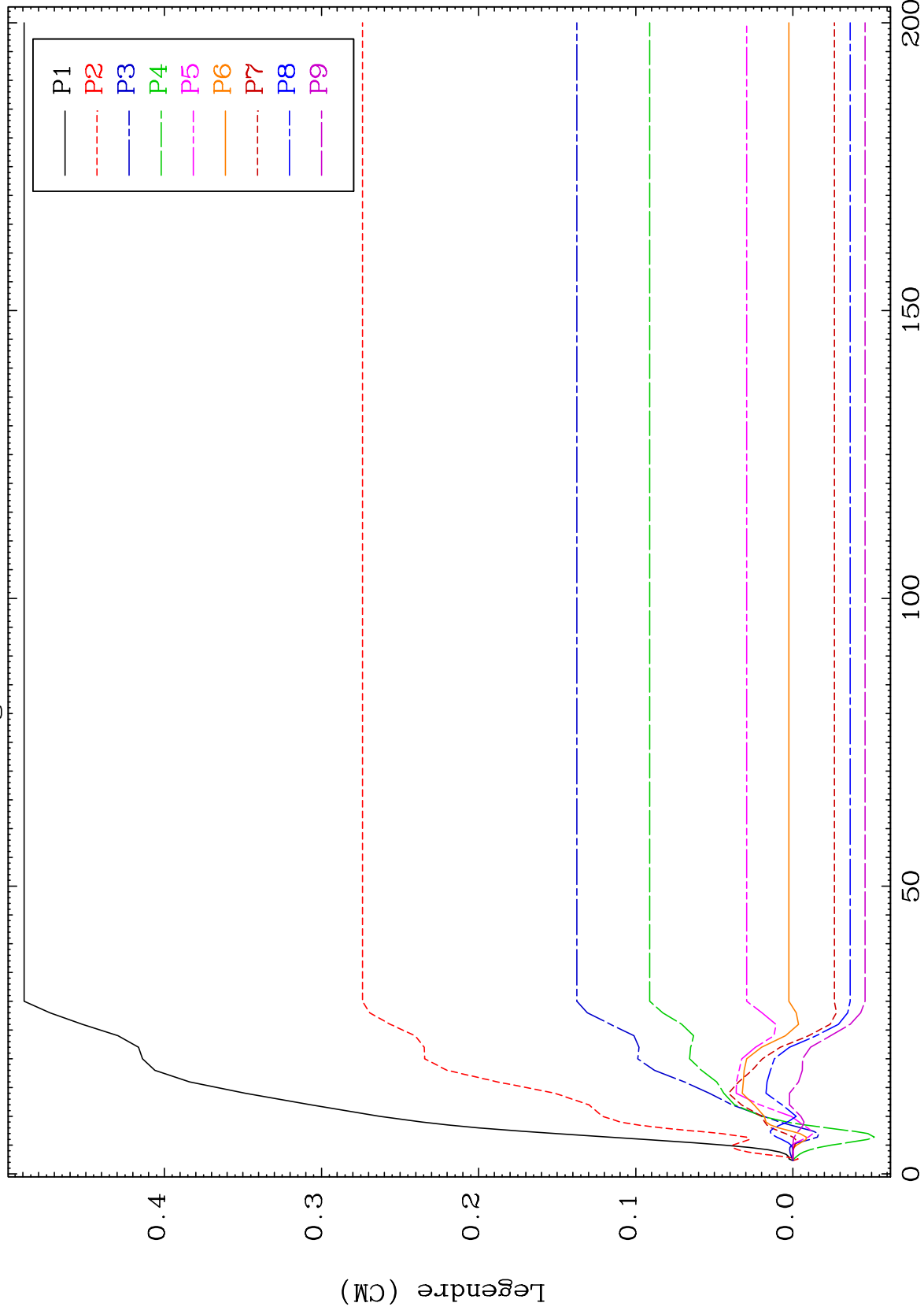
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



79

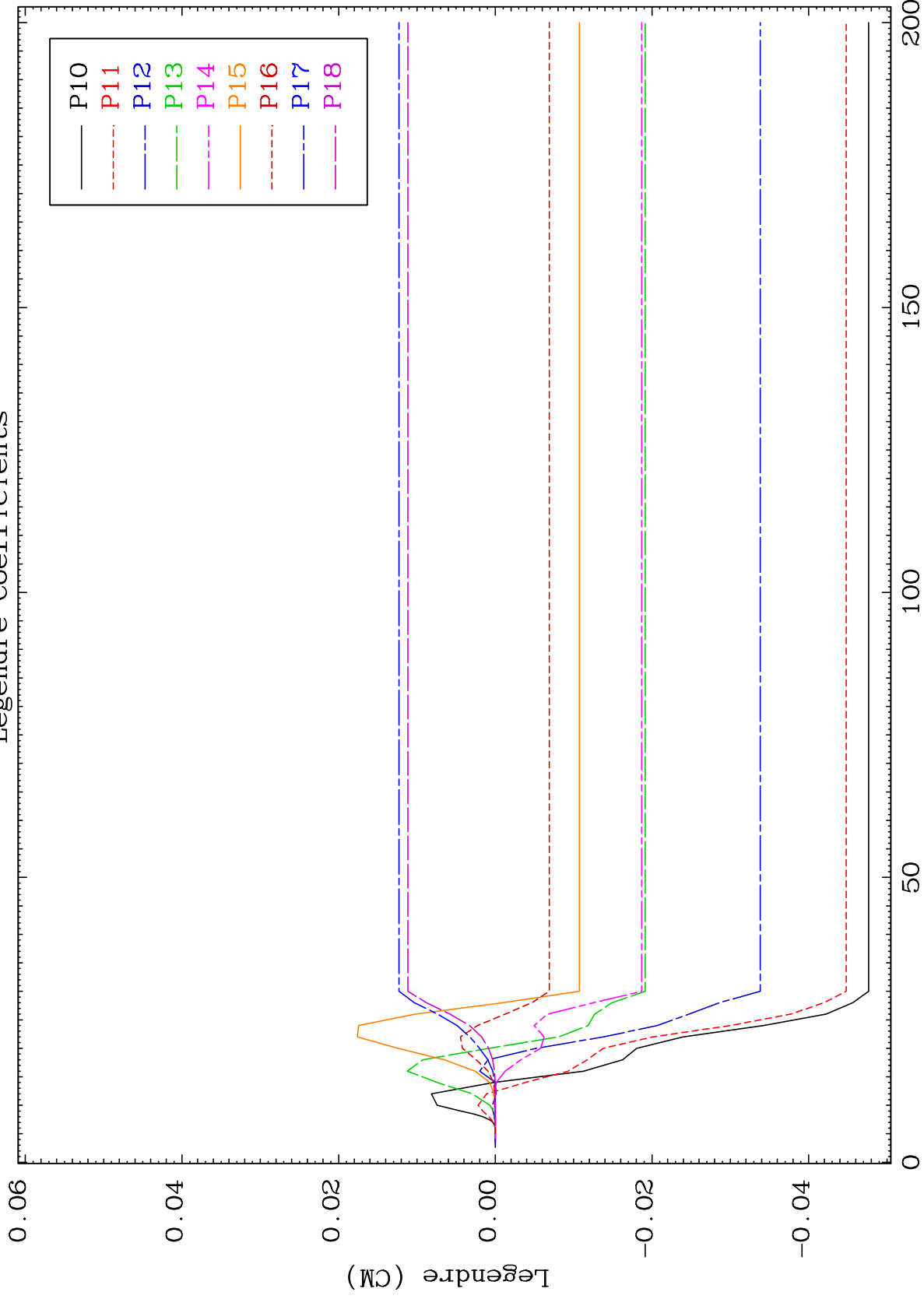
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



80

Incident Energy (MeV)

50

100

150

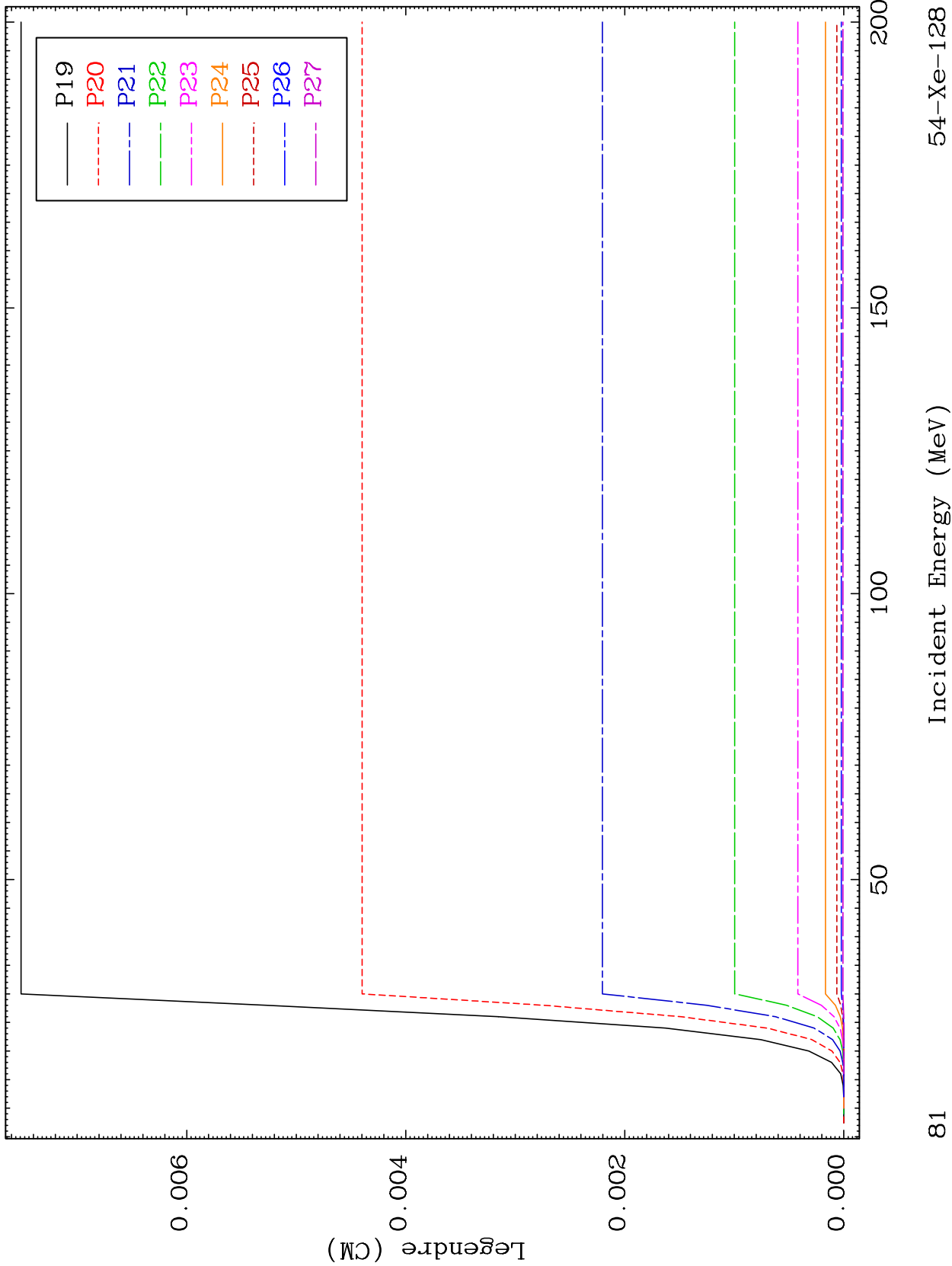
200

54-Xe-128

MAT 5437

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

54-Xe-128



81

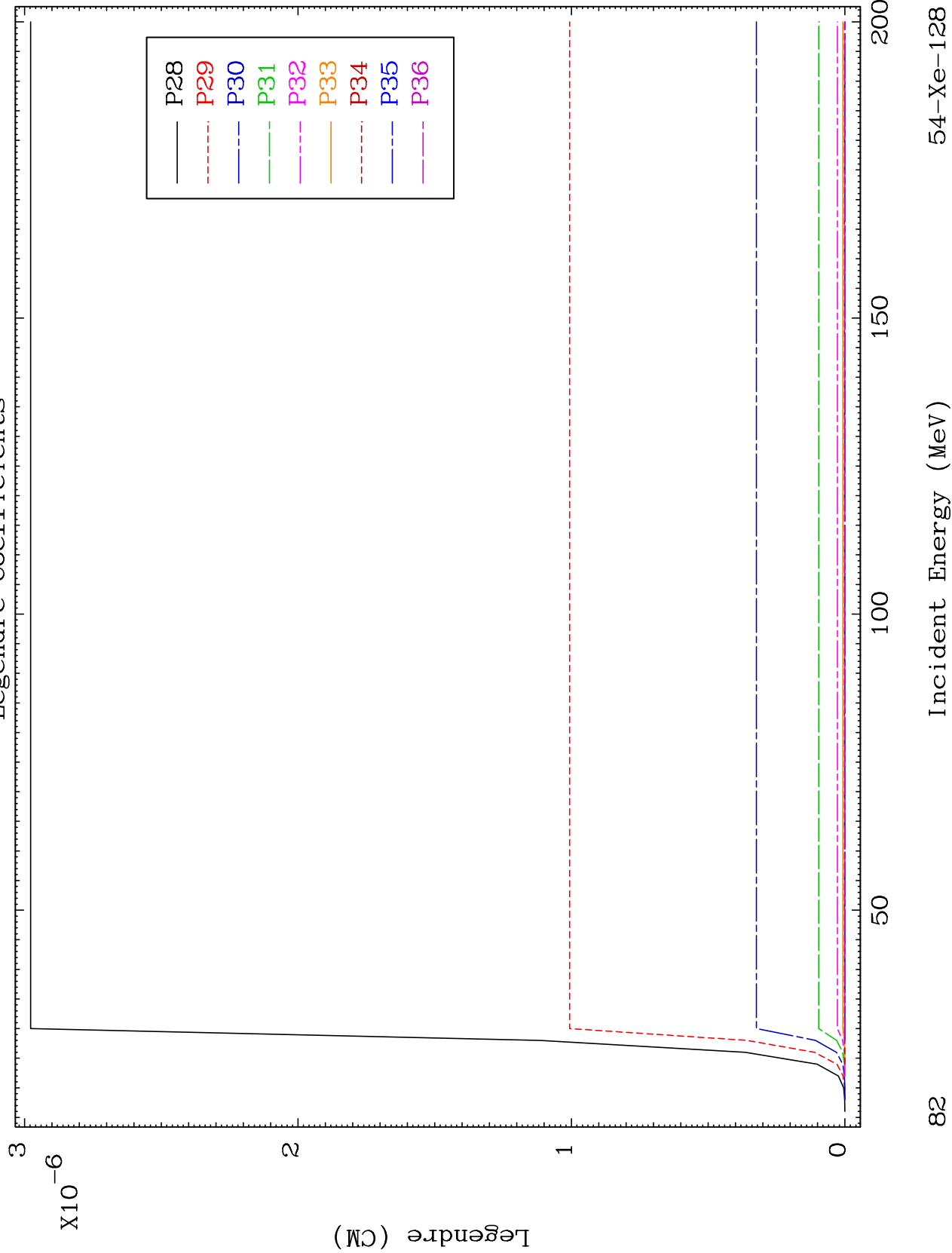
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



82

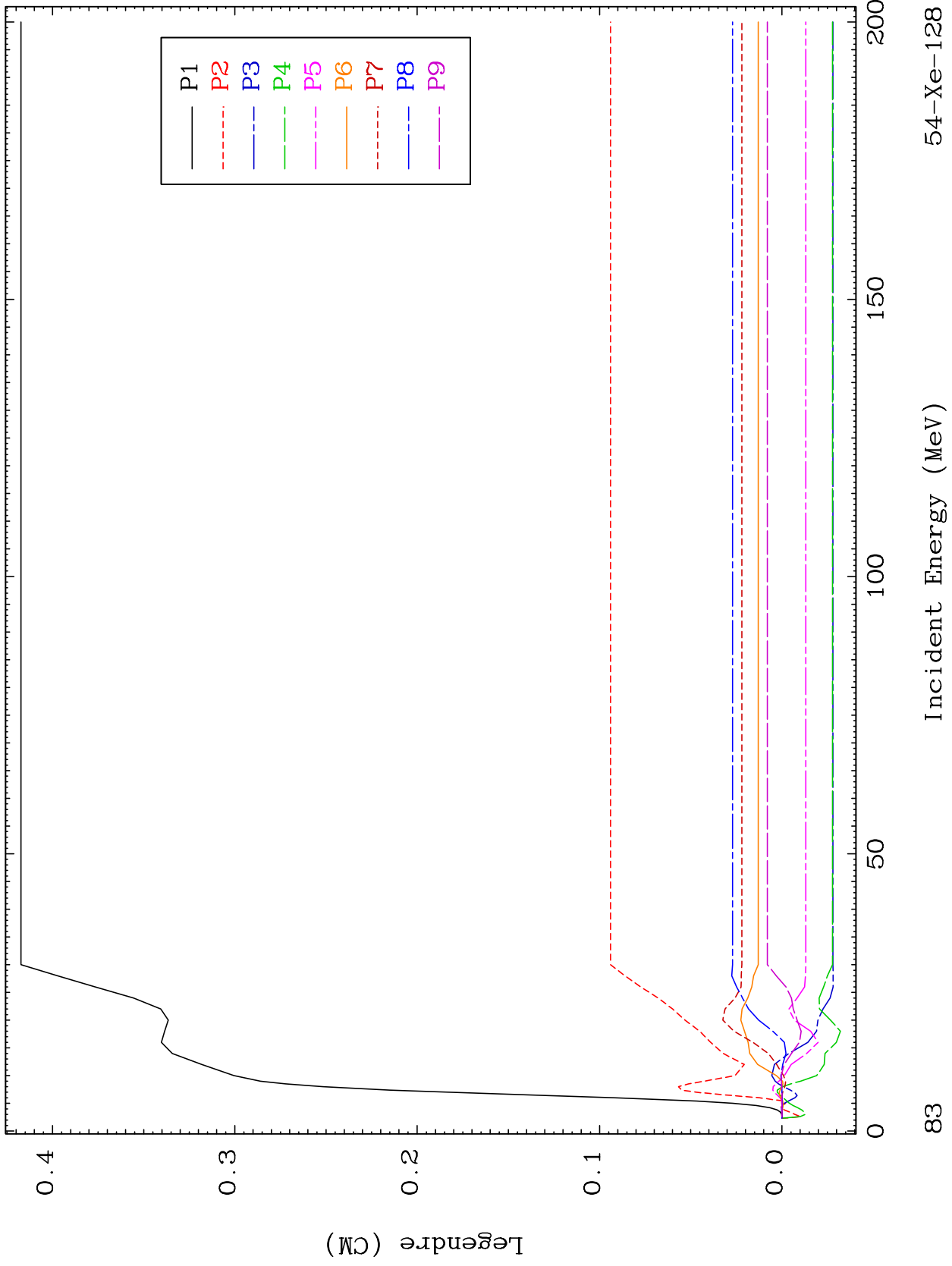
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

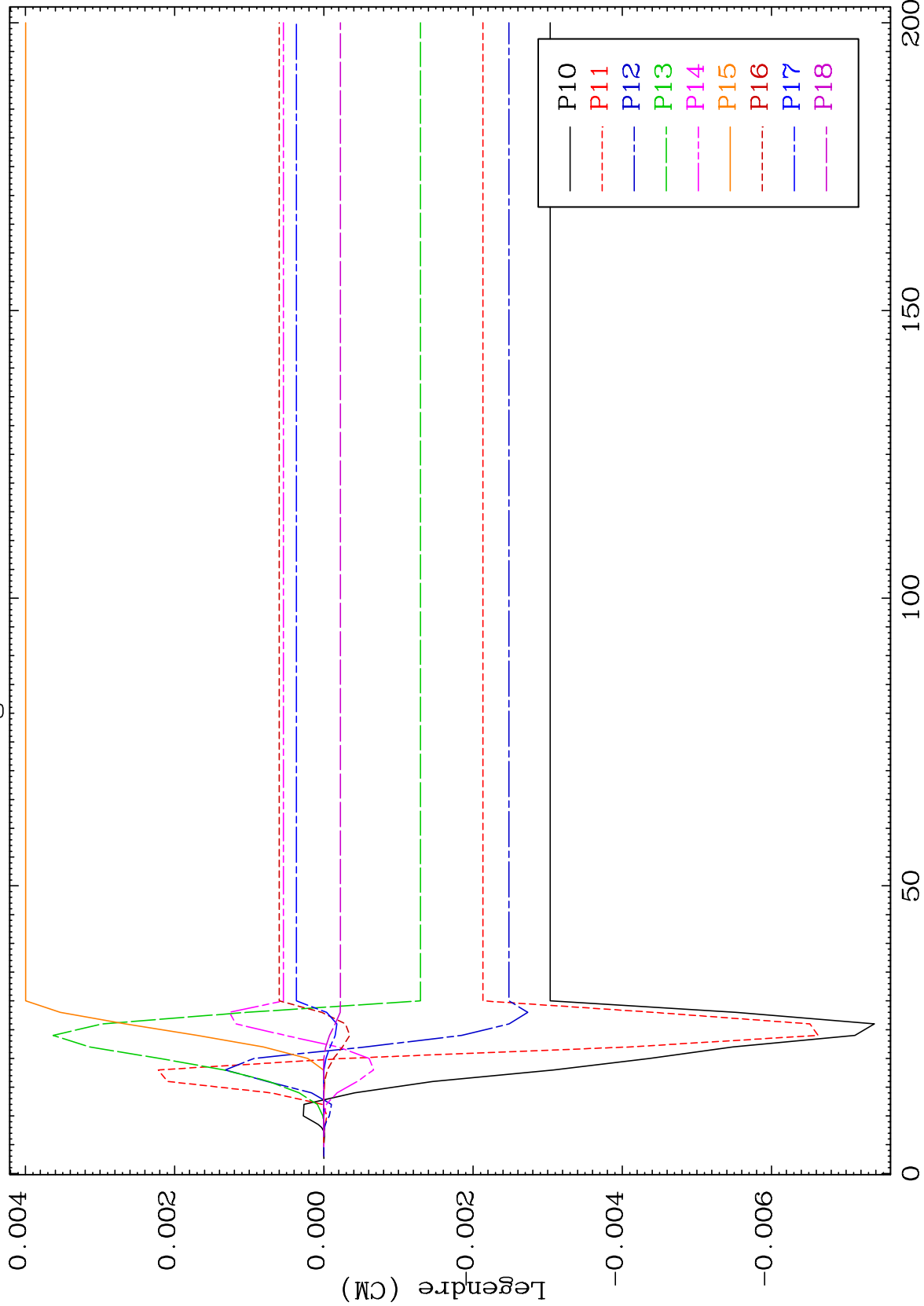
Incident Energy (MeV)

83

MAT 5437

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

54-Xe-128



84

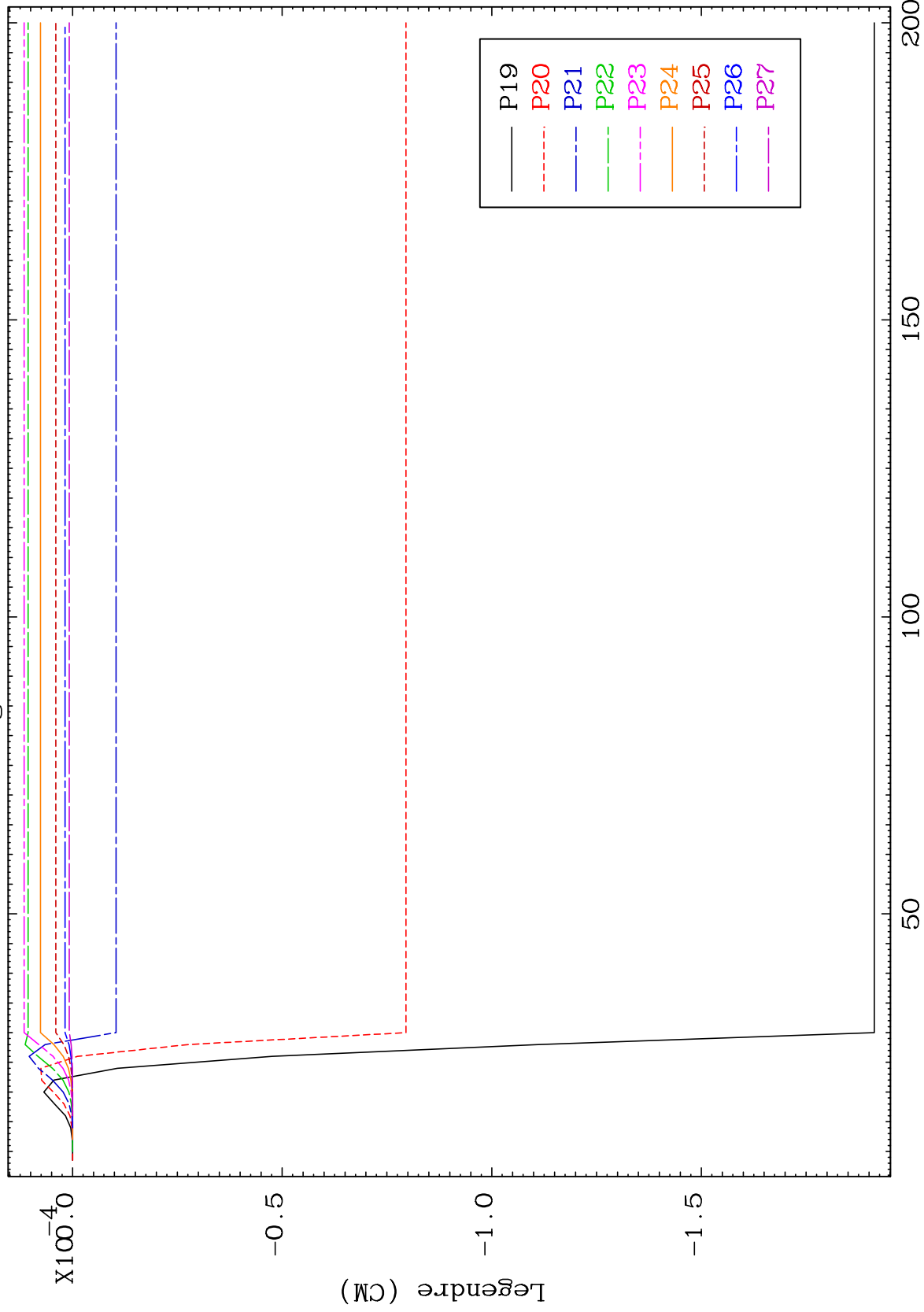
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



85

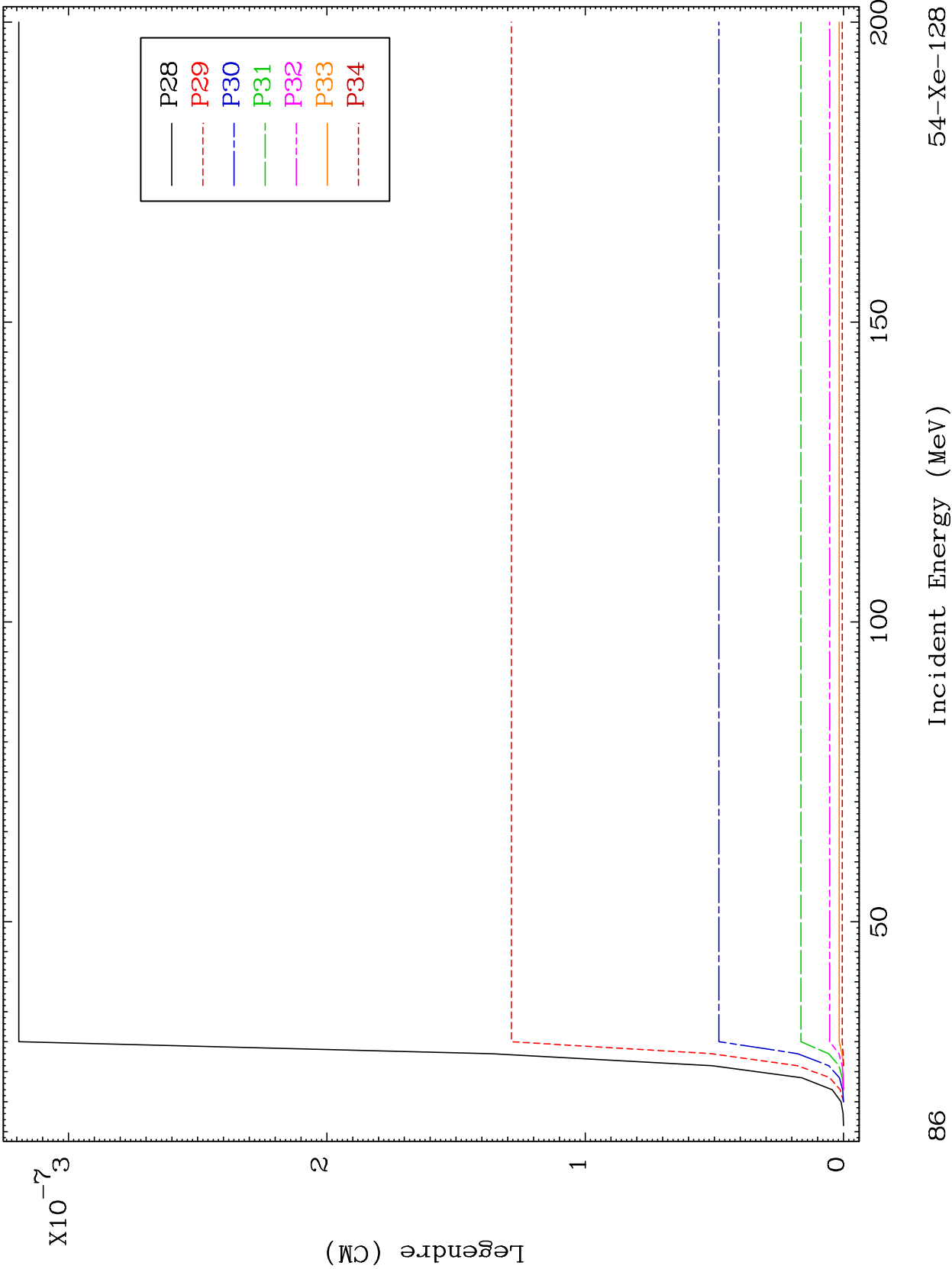
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

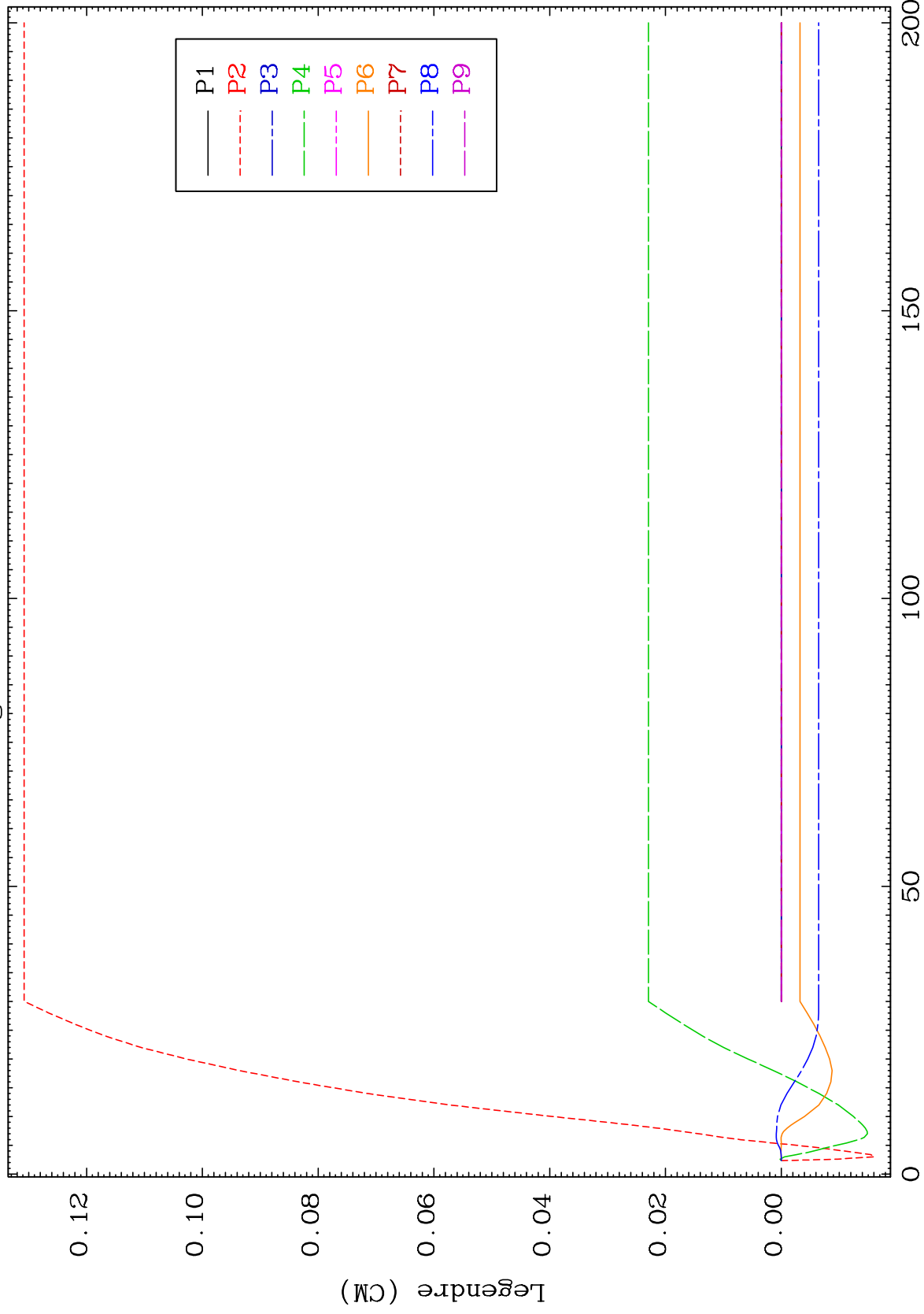
54-Xe-128



MAT 5437

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

54-Xe-128



87

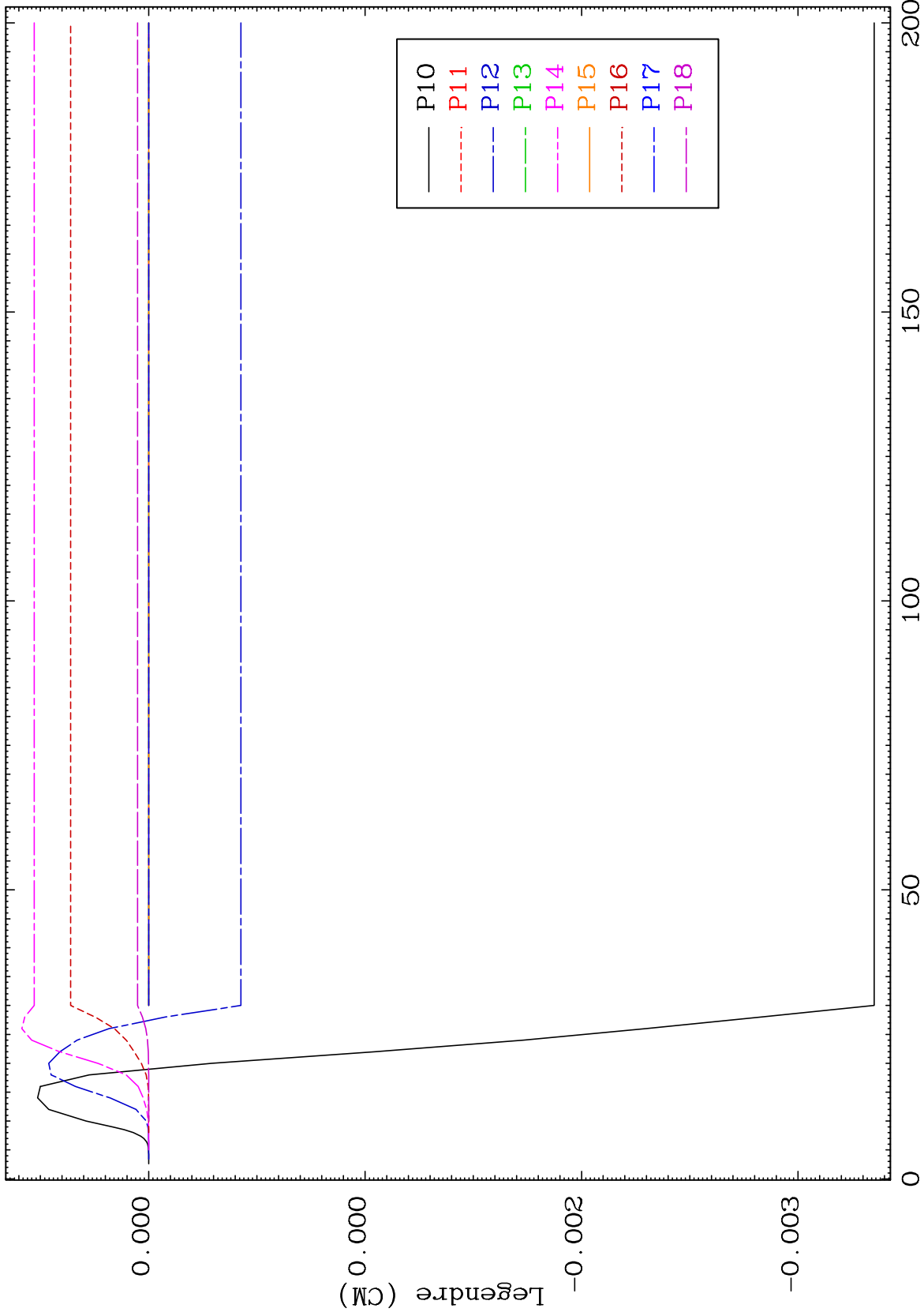
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



88

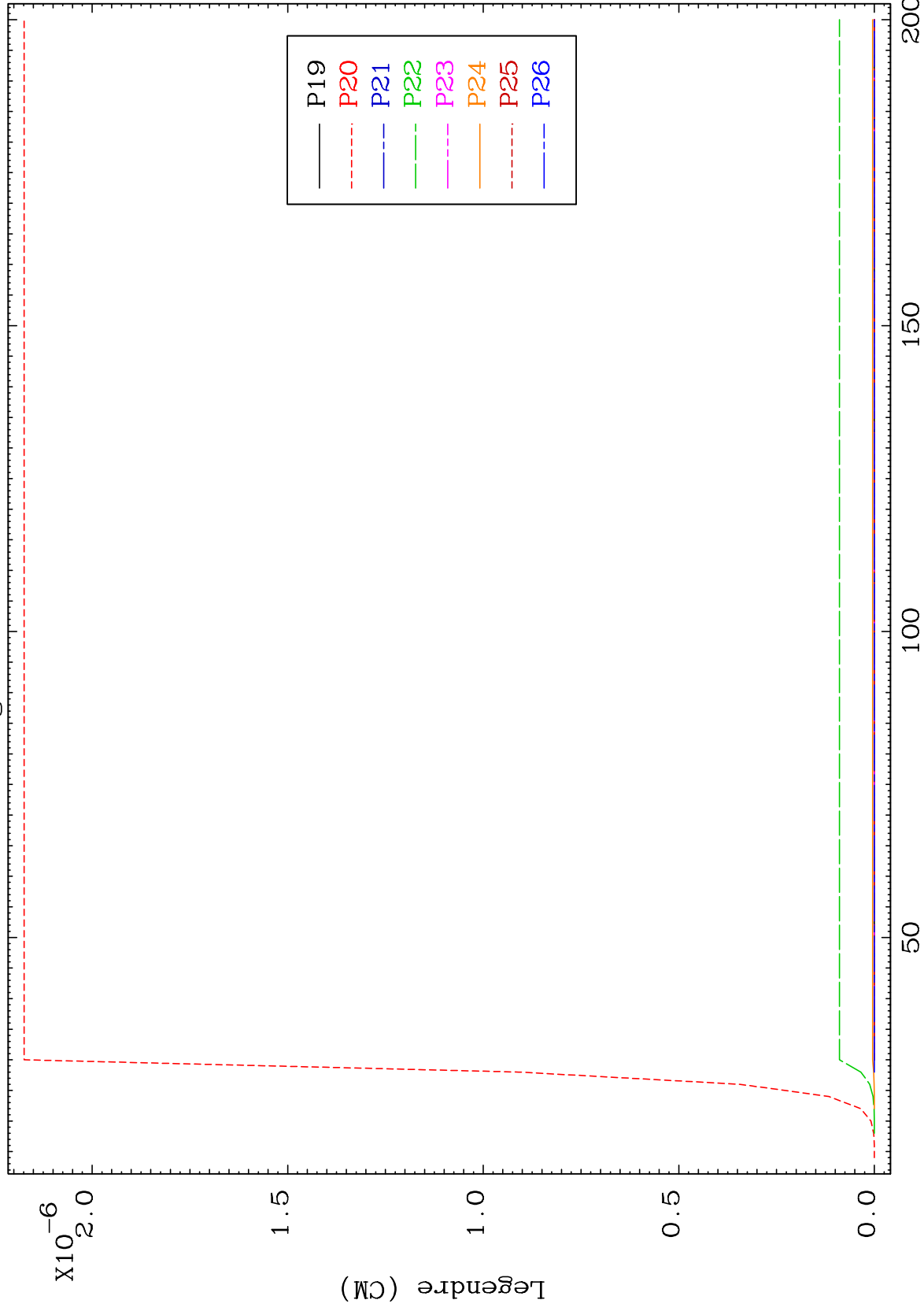
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



89

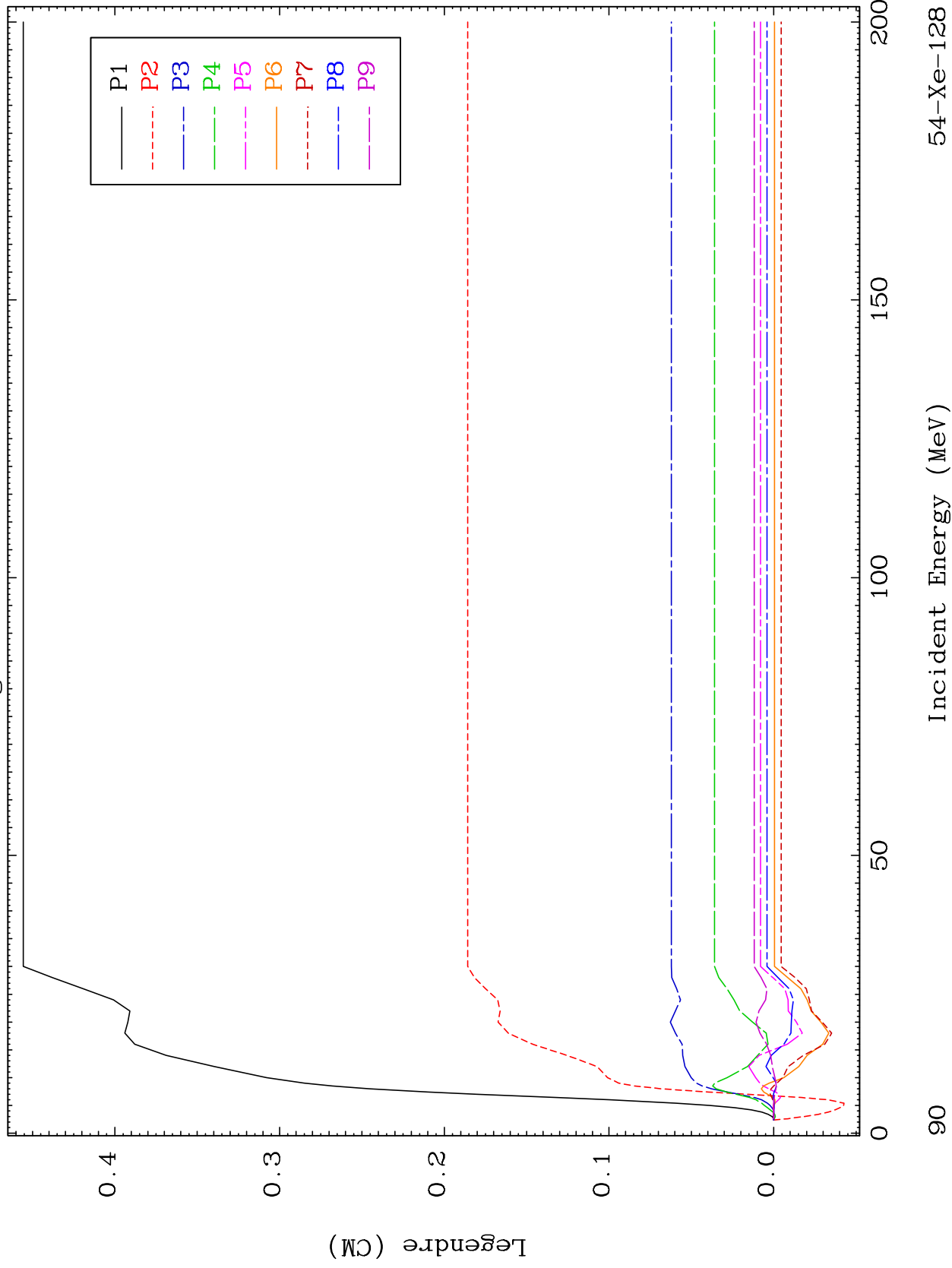
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



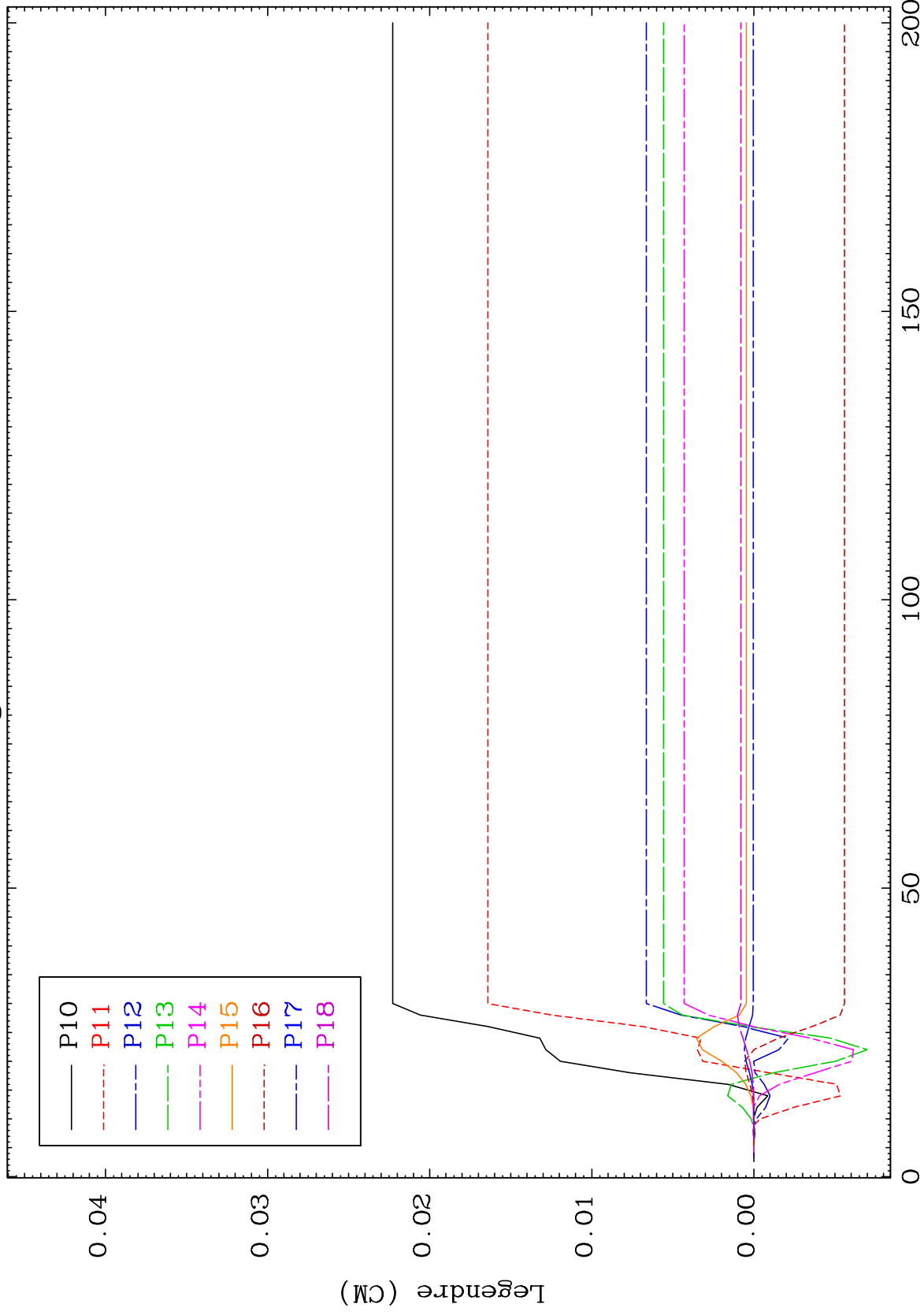
54-Xe-128

Incident Energy (MeV)

MAT 5437

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

54-Xe-128



91

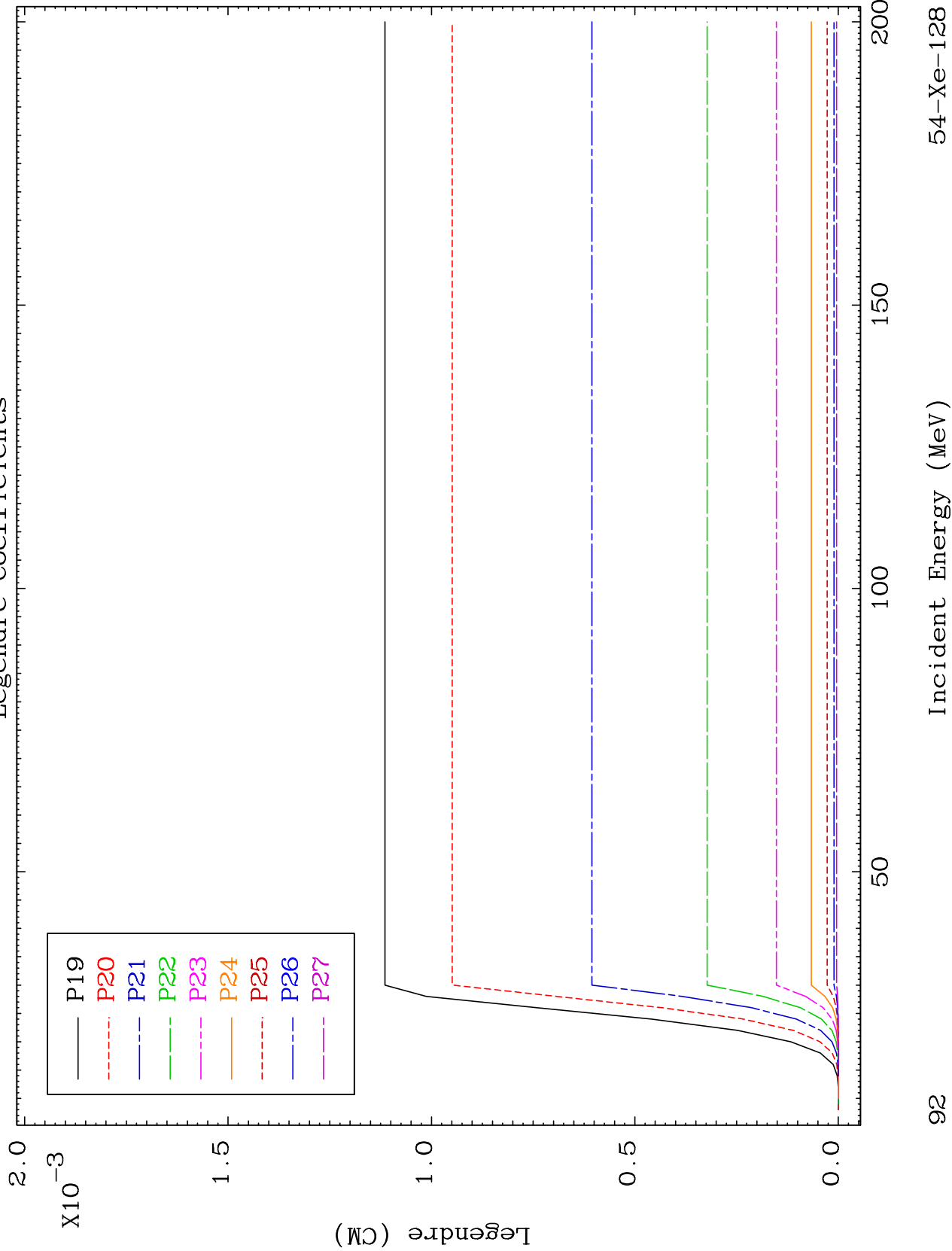
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128

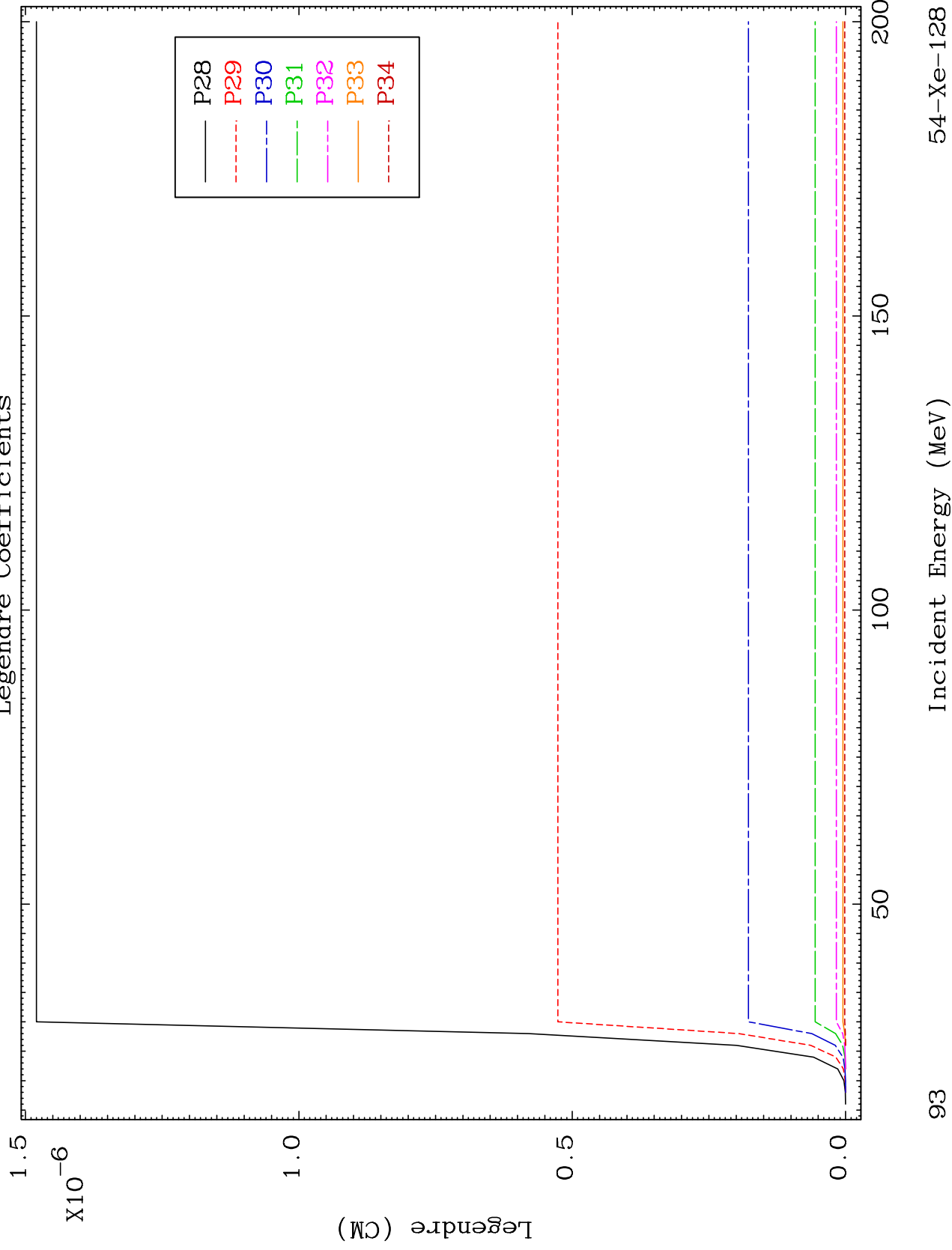


92

MAT 5437

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

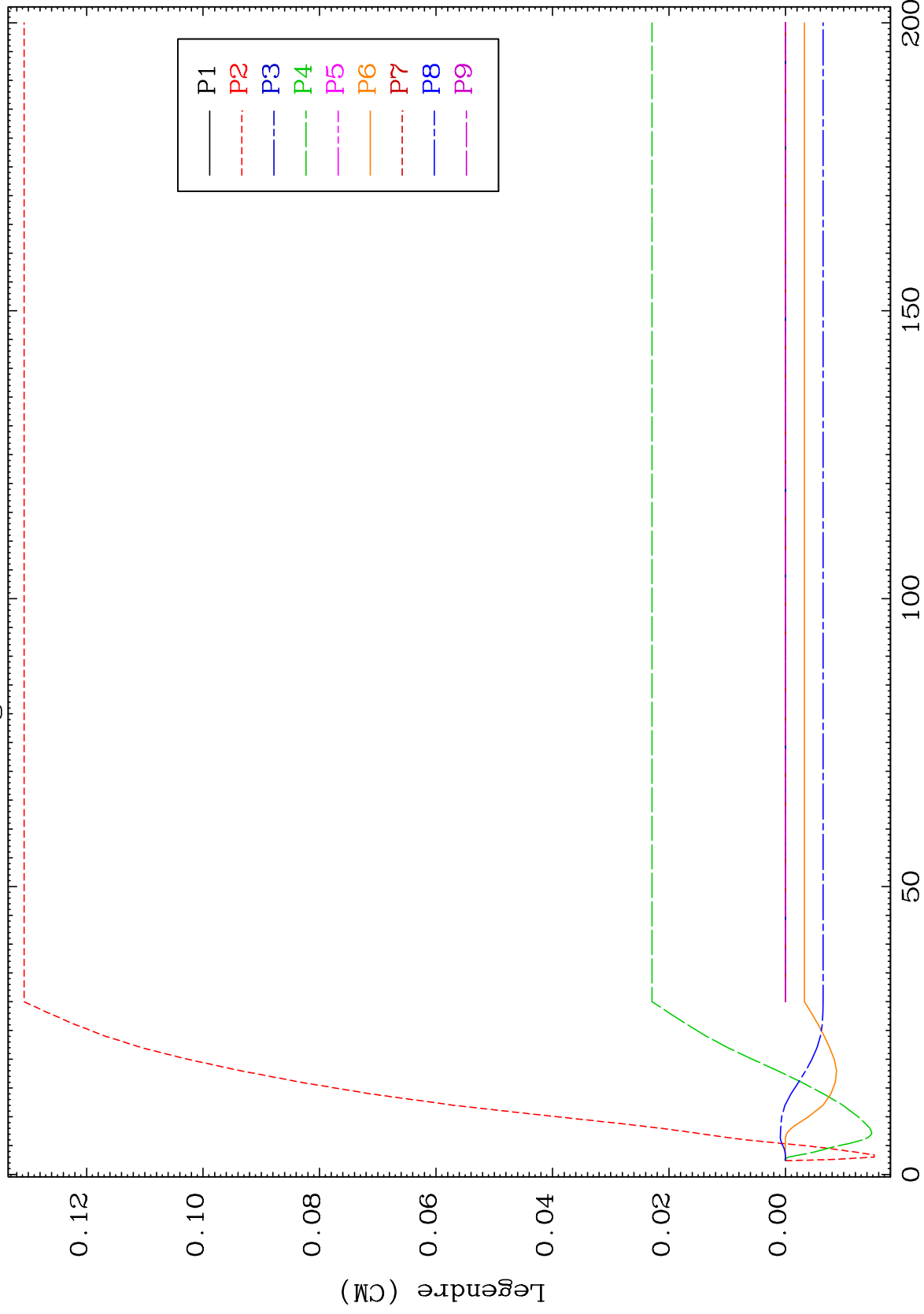
54-Xe-128



MAT 5437

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

54-Xe-128



94

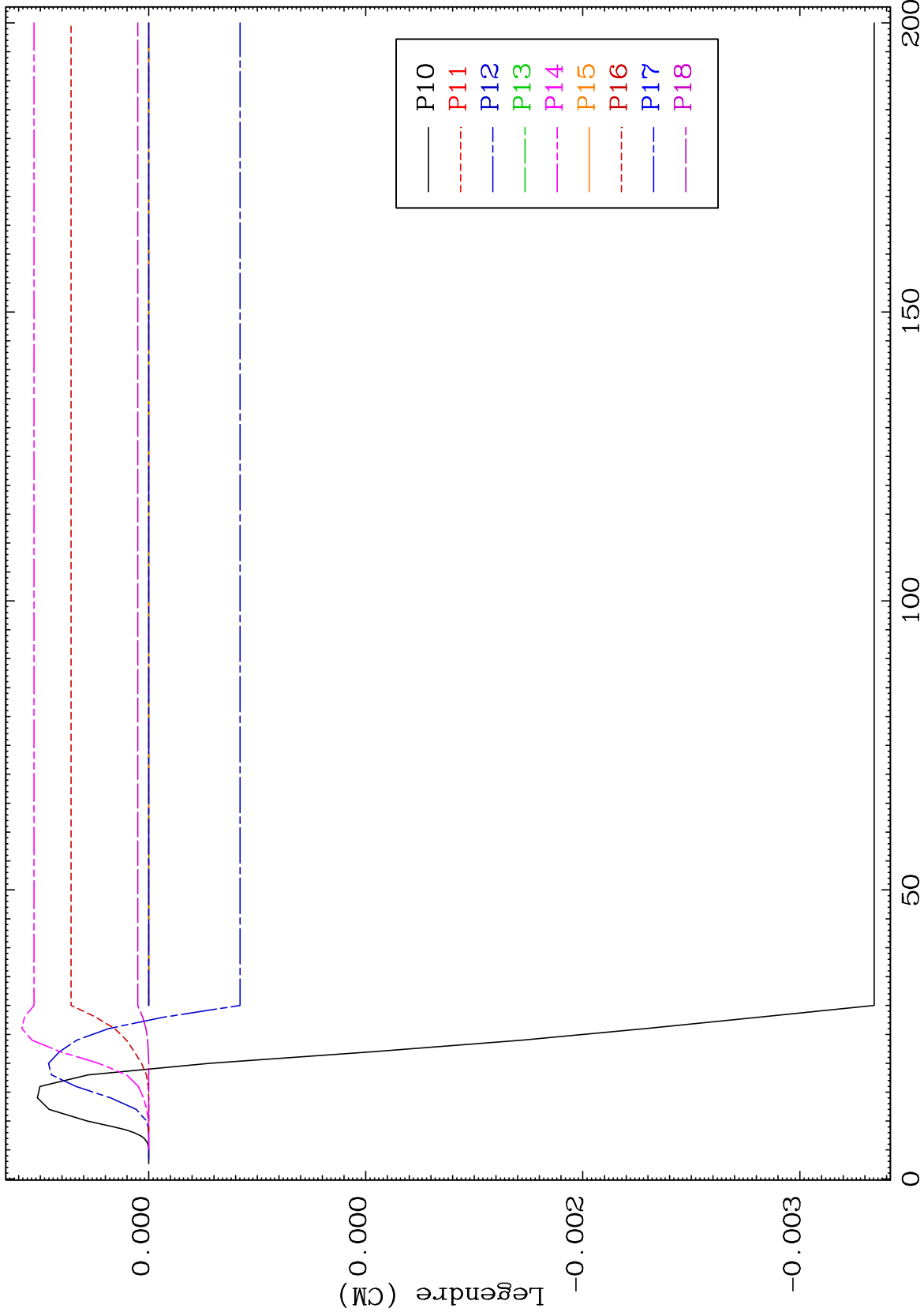
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



95

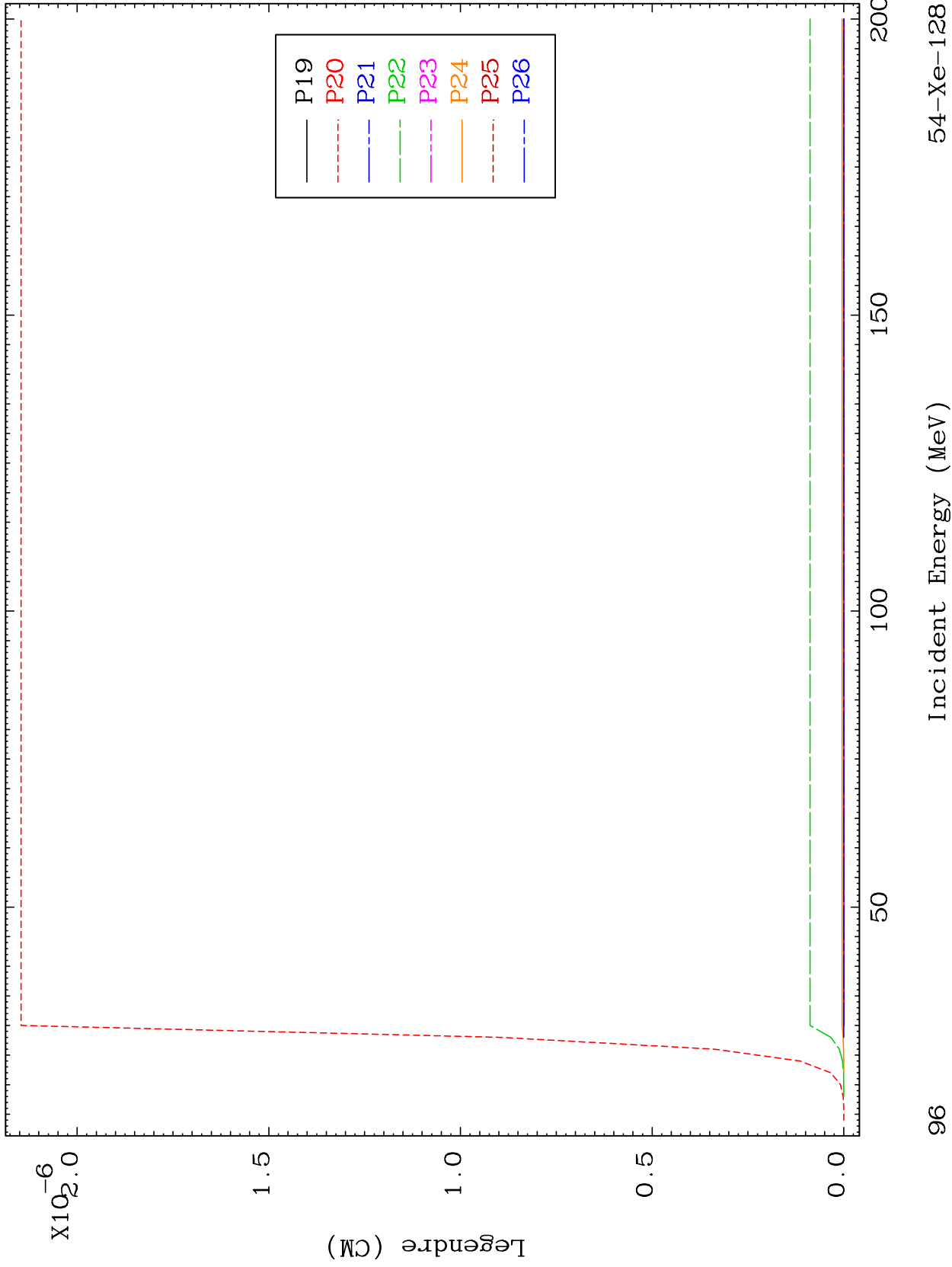
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

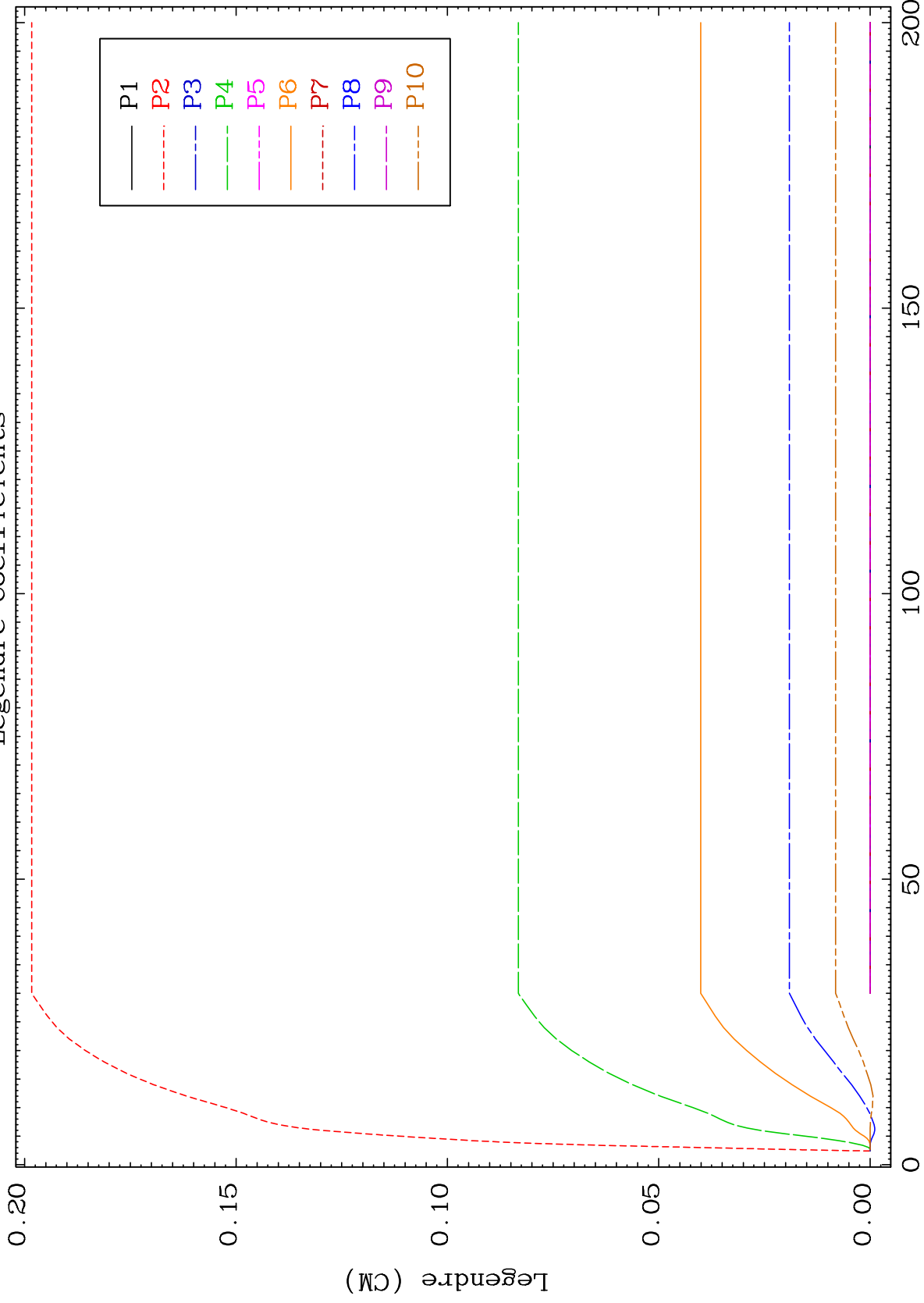
54-Xe-128



MAT 5437

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

54-Xe-128



97

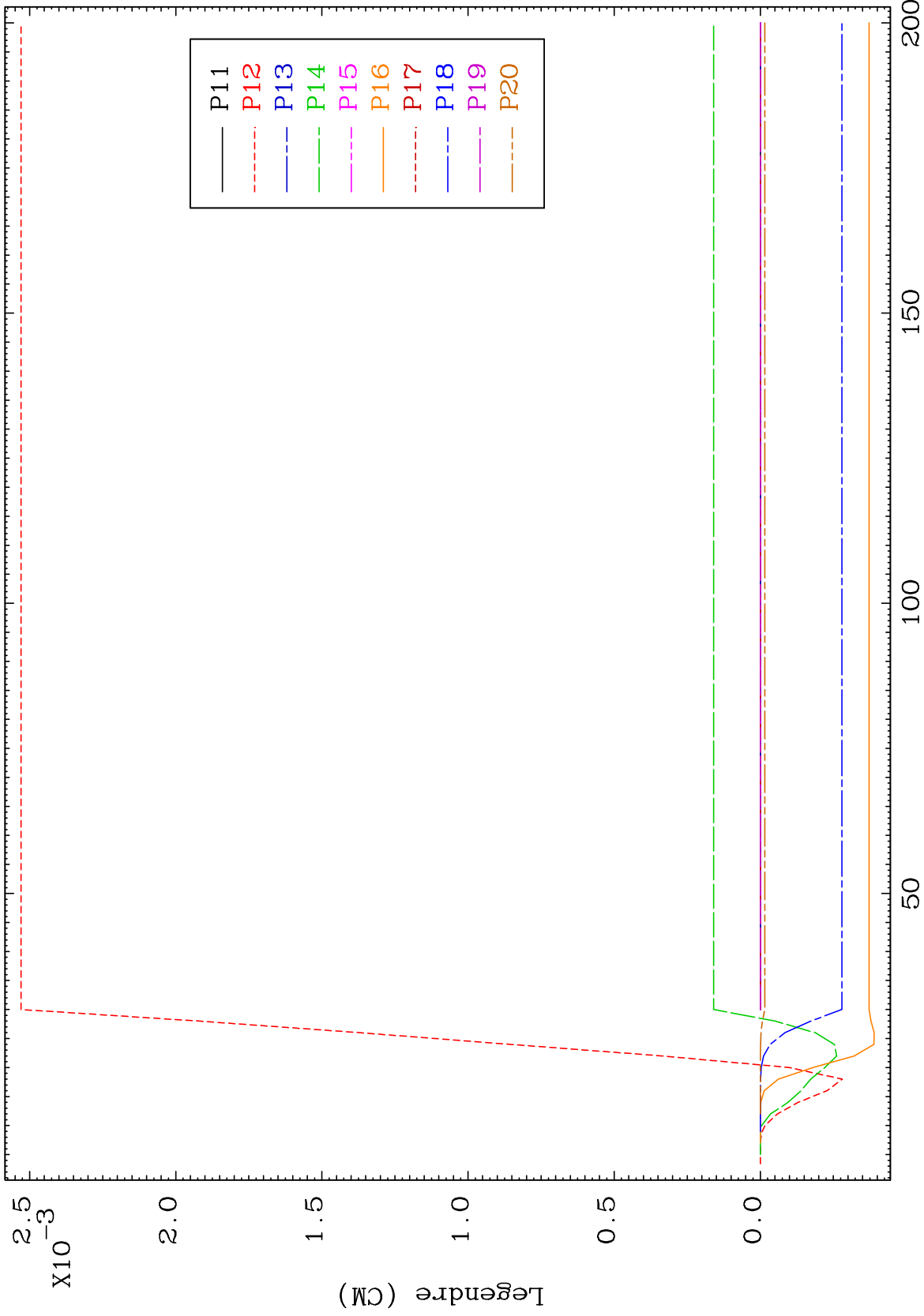
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



98

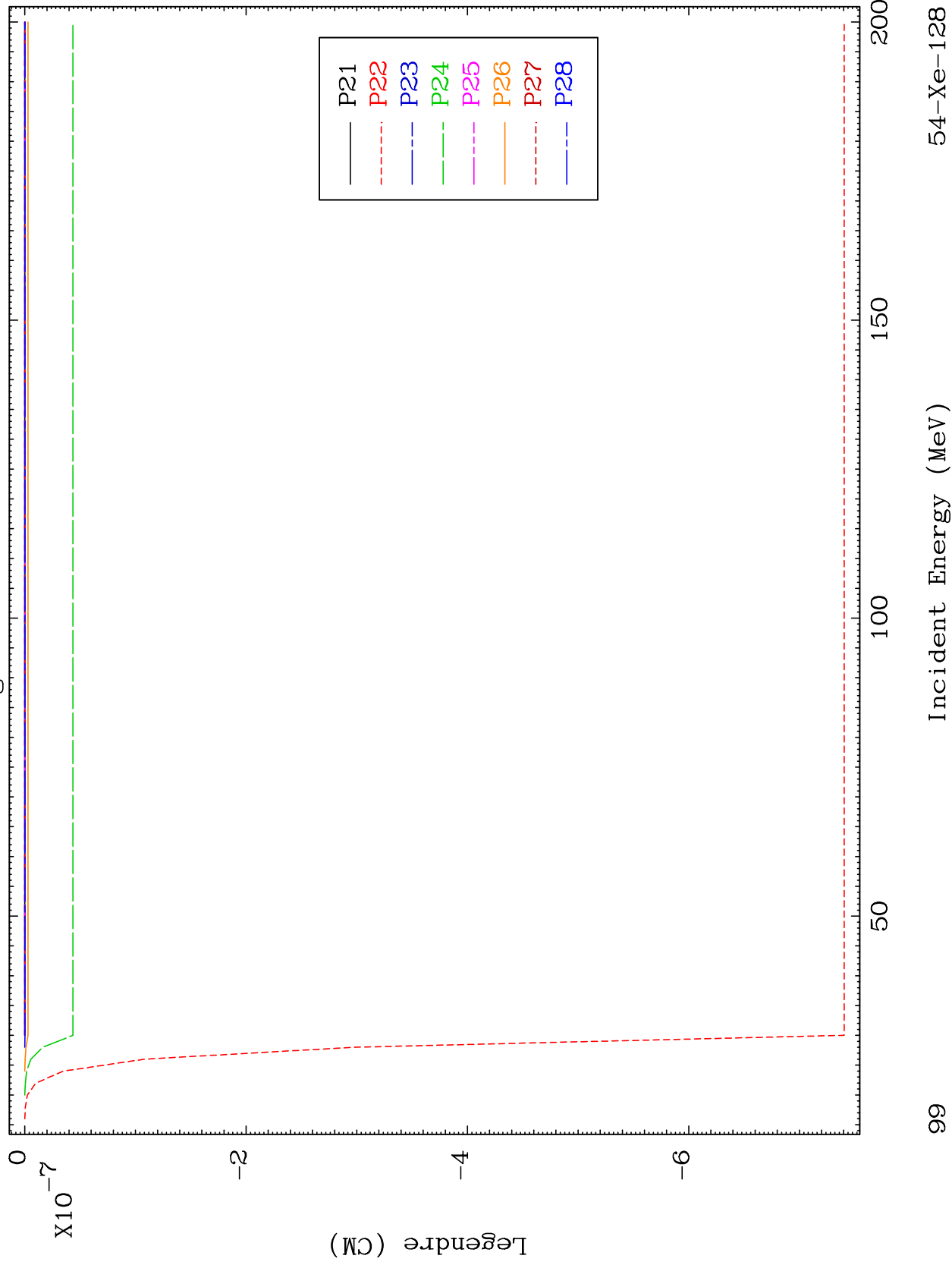
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



99

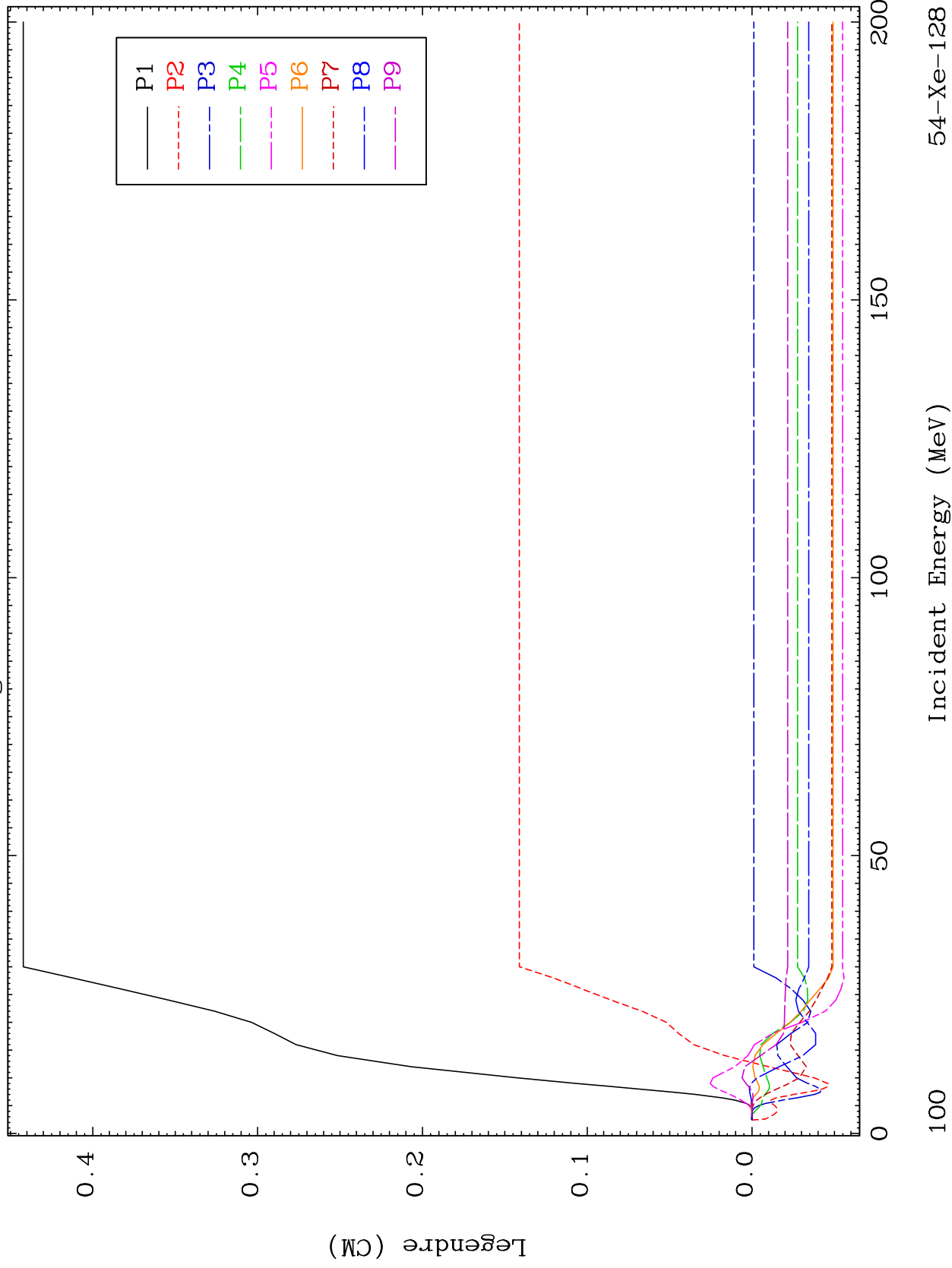
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



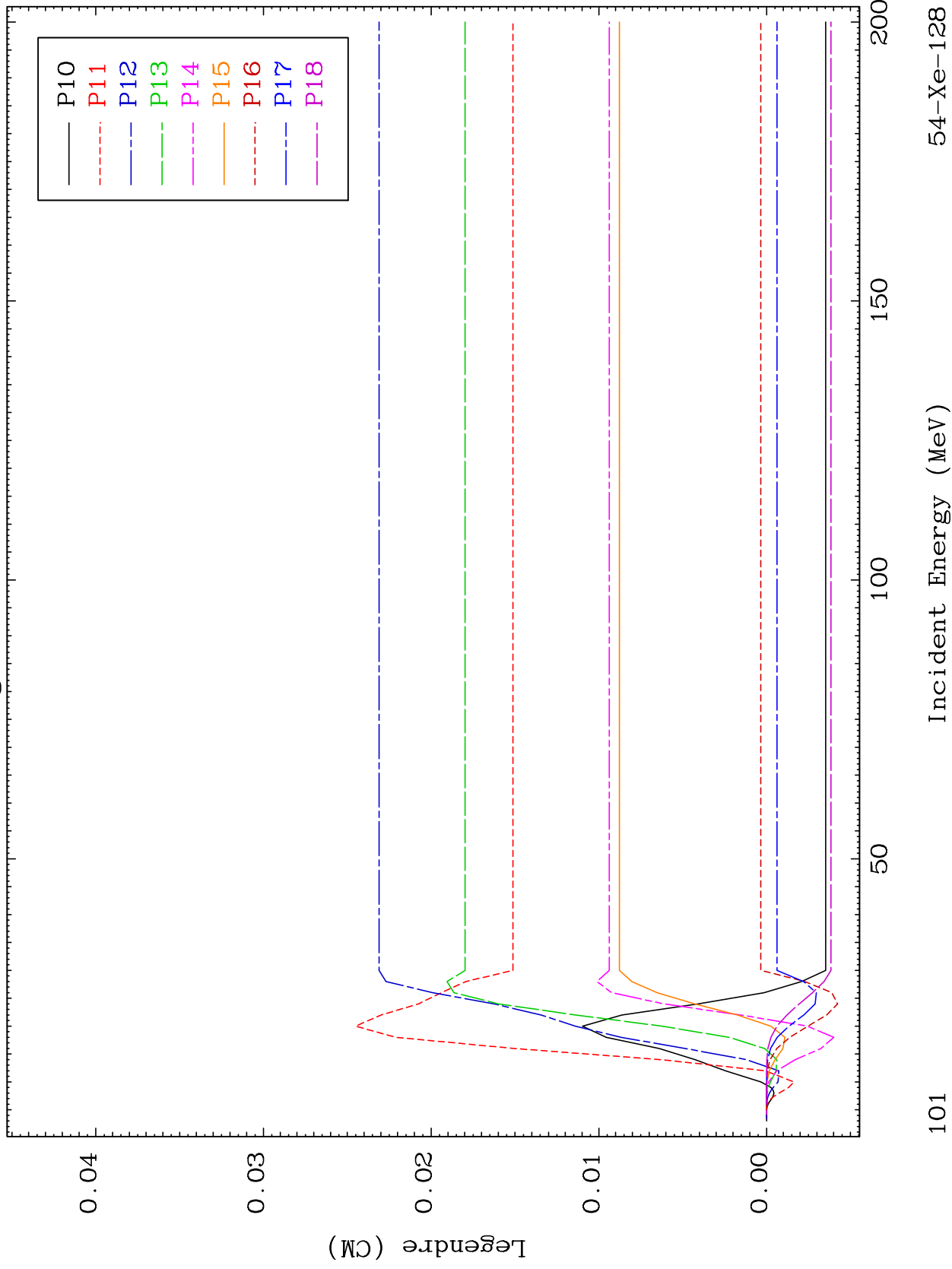
54-Xe-128

Incident Energy (MeV)

MAT 5437

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

54-Xe-128

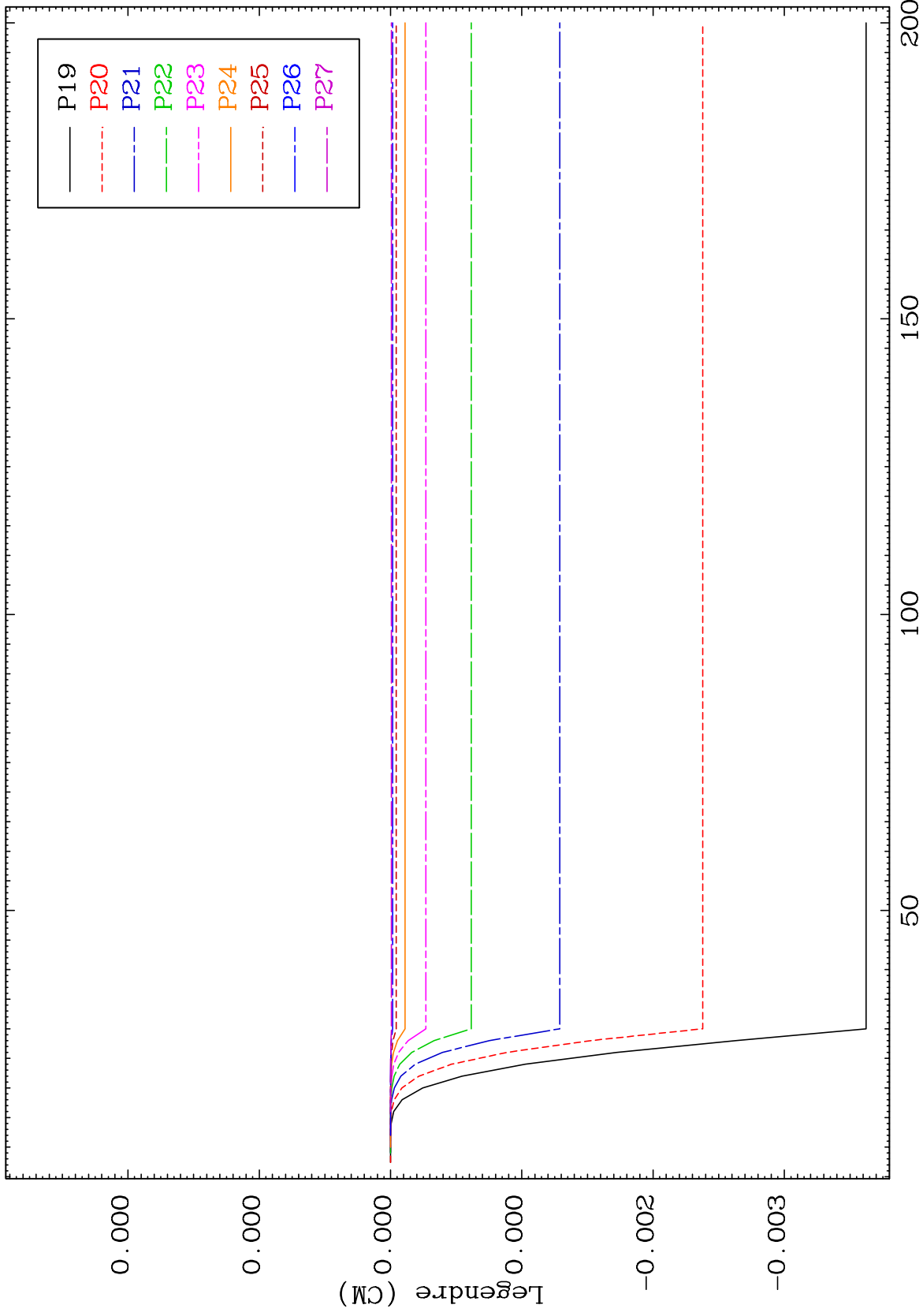


101

MAT 5437

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

54-Xe-128



102

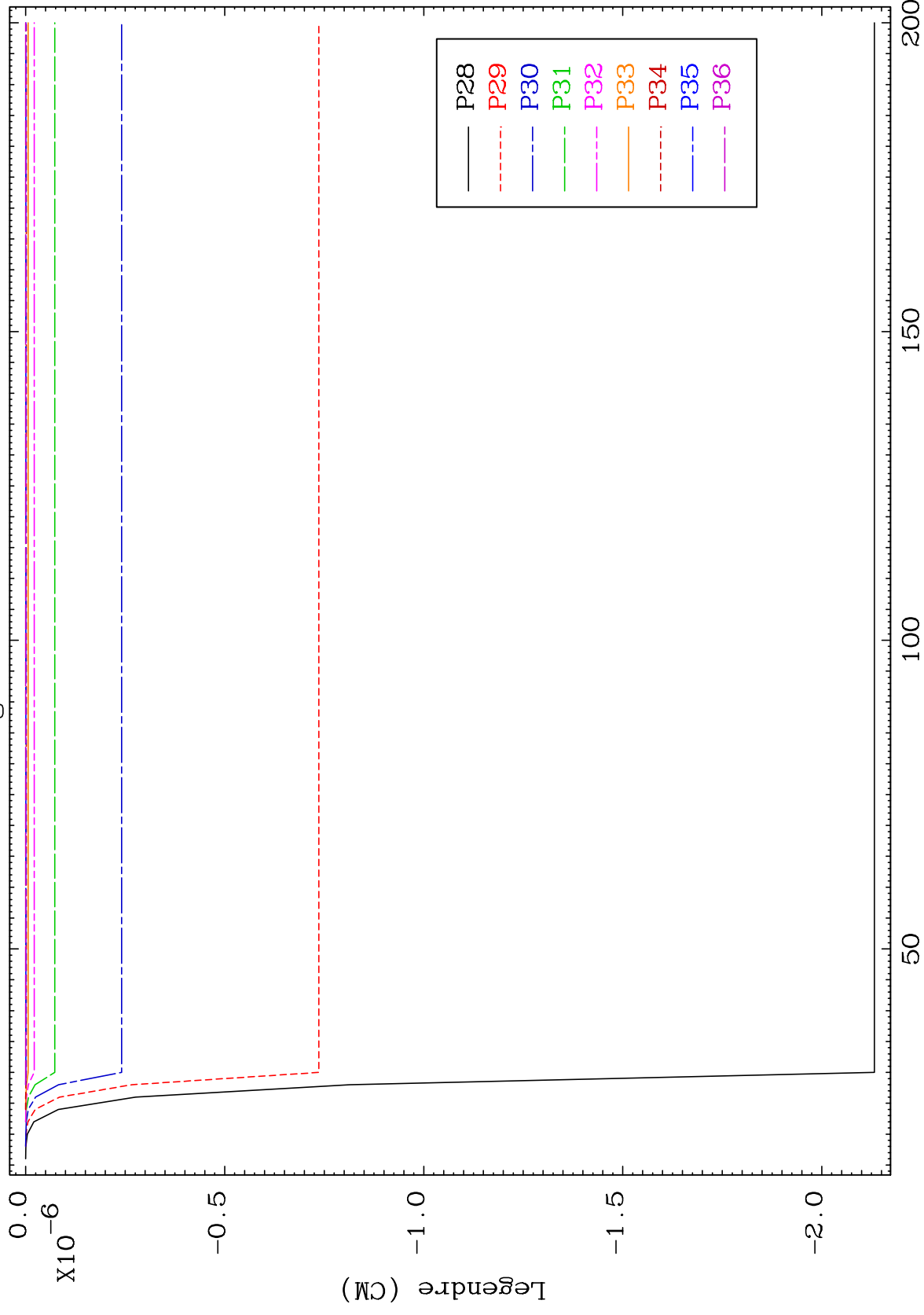
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



103

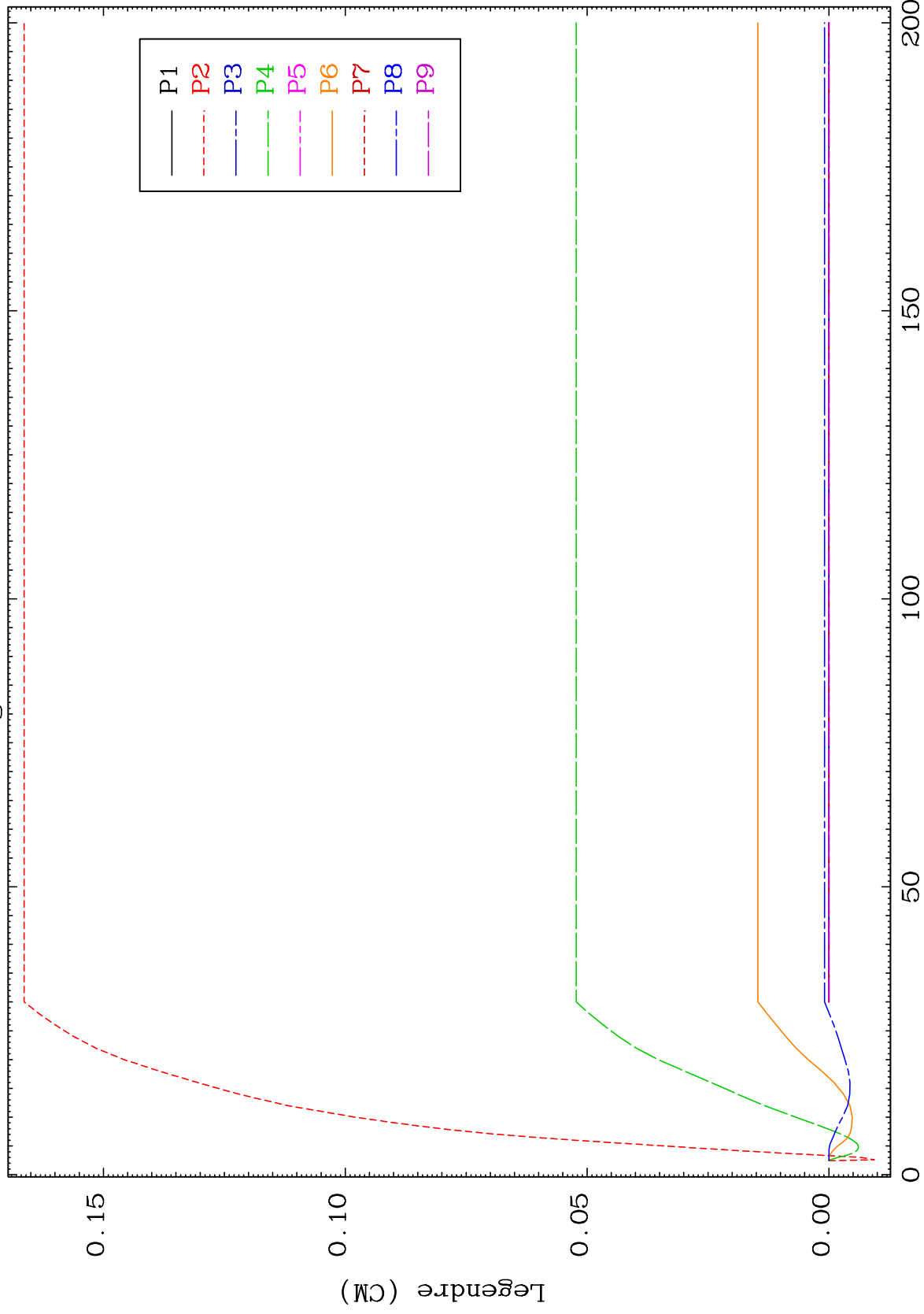
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



104

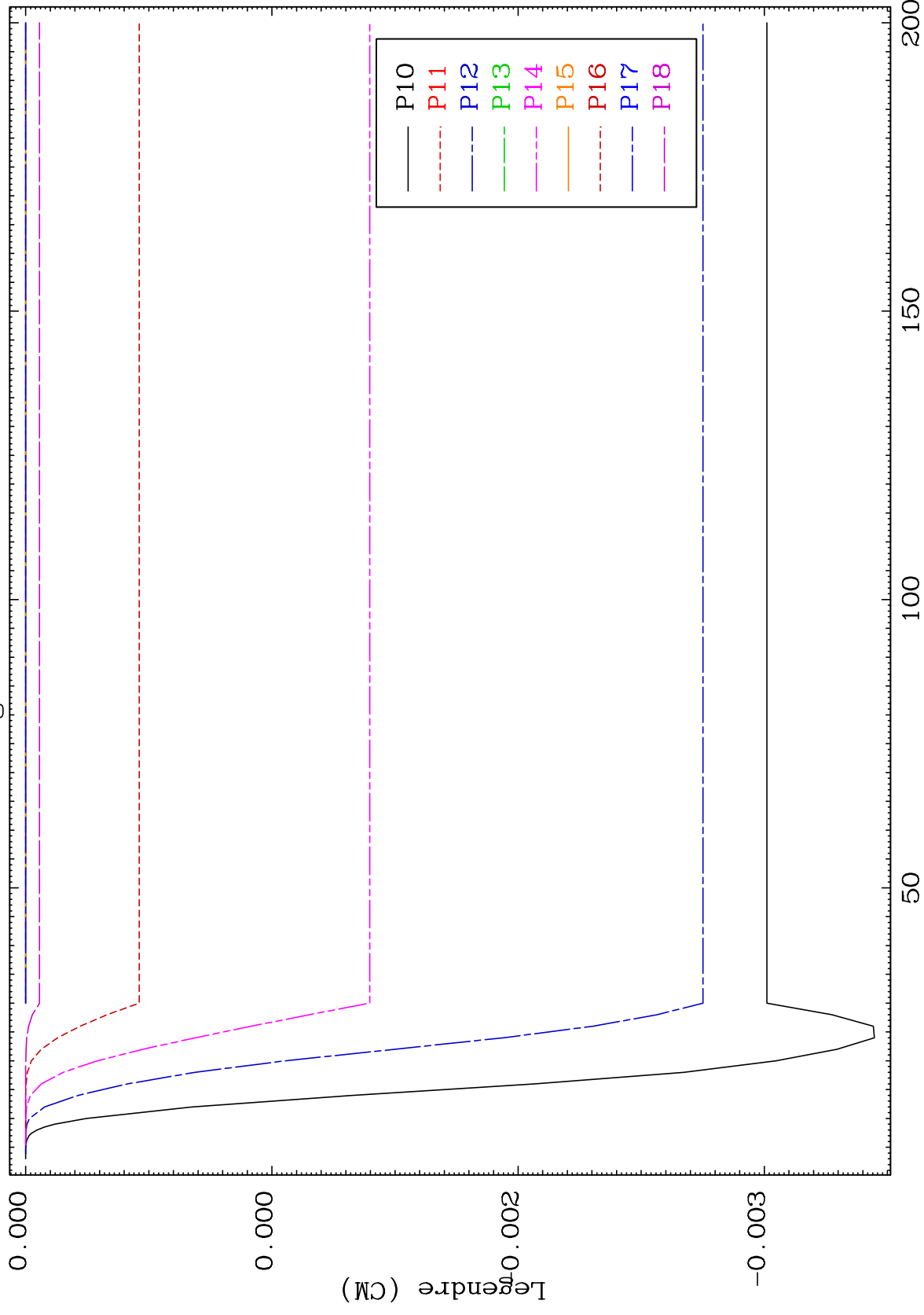
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

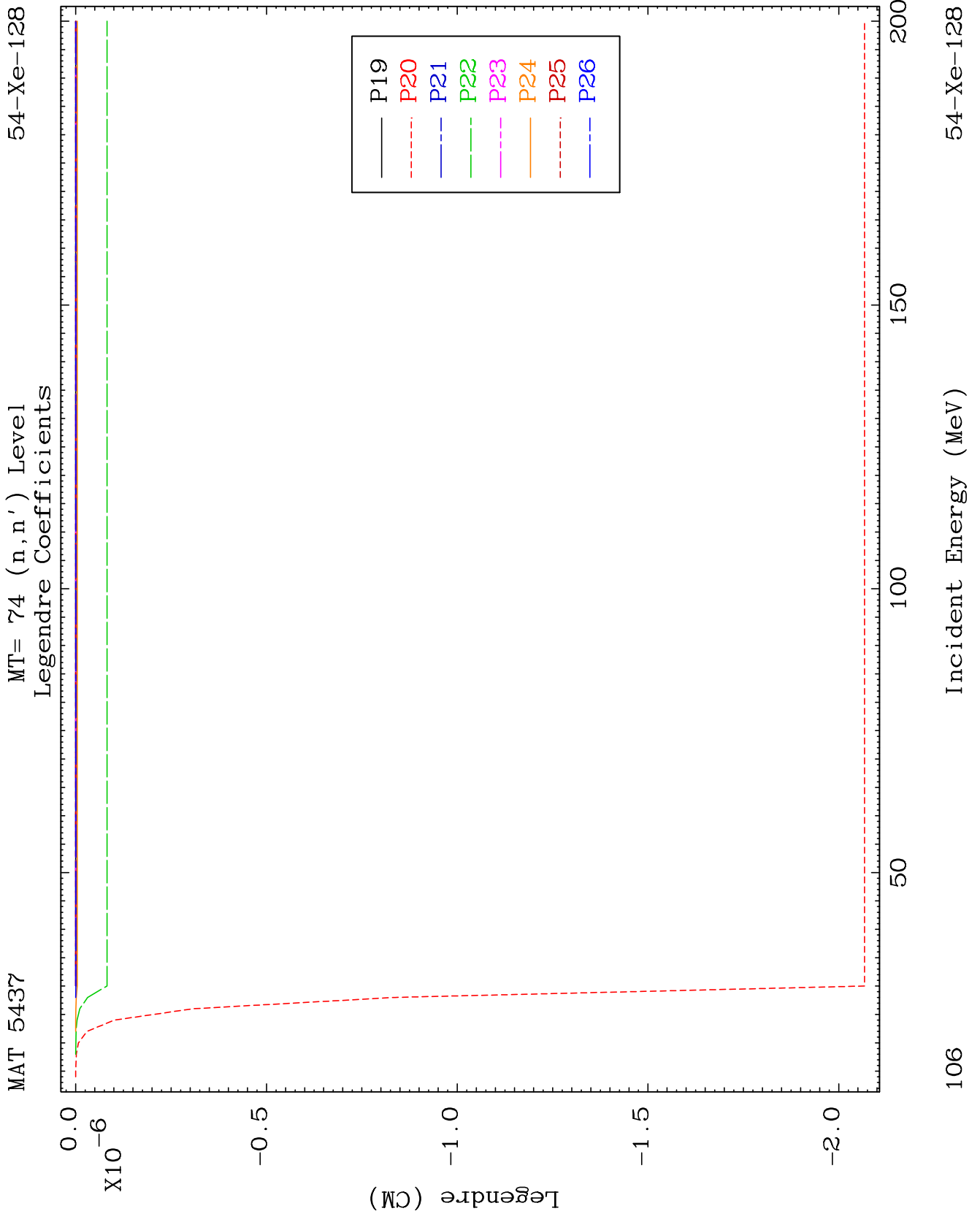
54-Xe-128



105

Incident Energy (MeV)

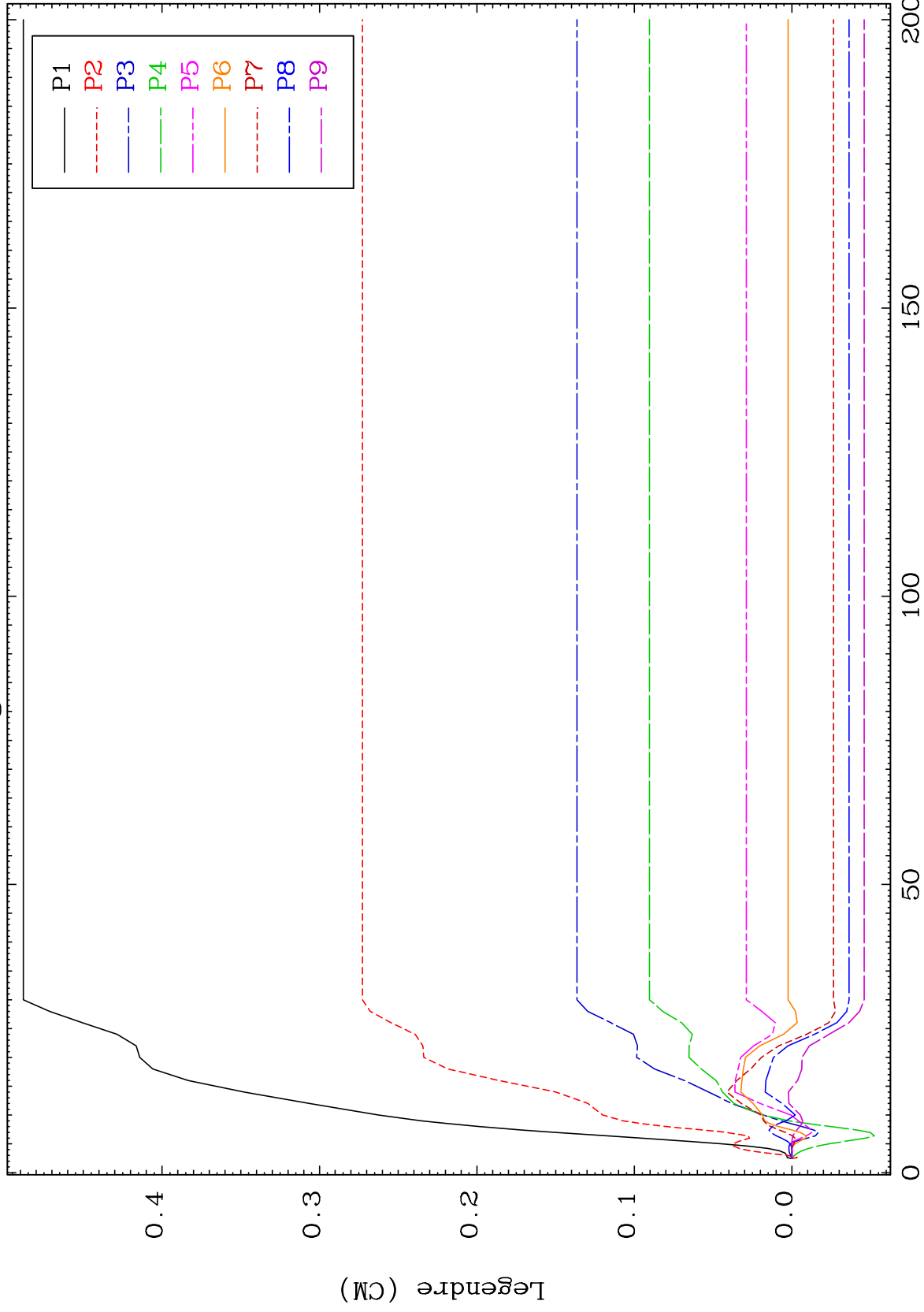
54-Xe-128



MAT 5437

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

54-Xe-128



107

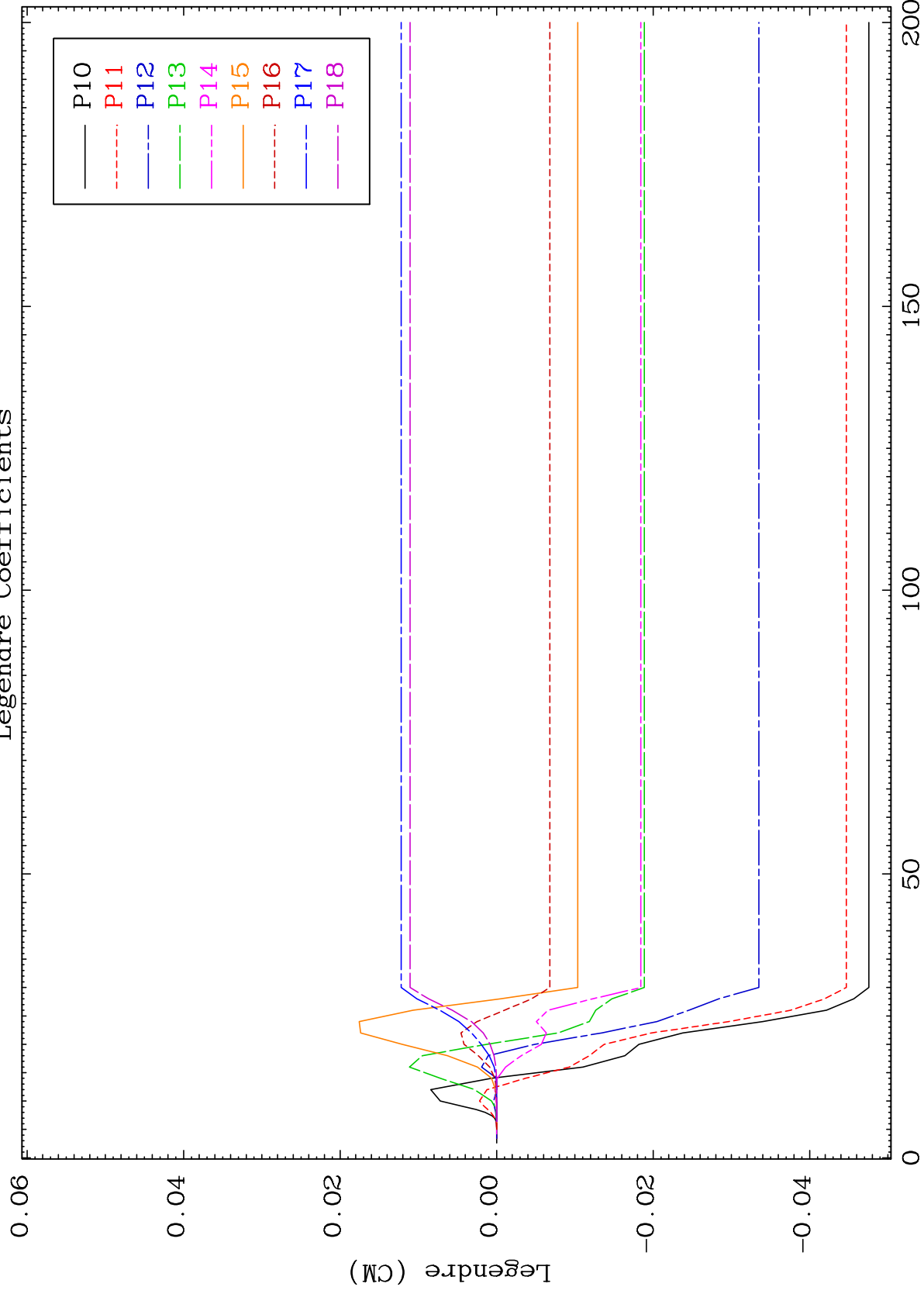
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



108

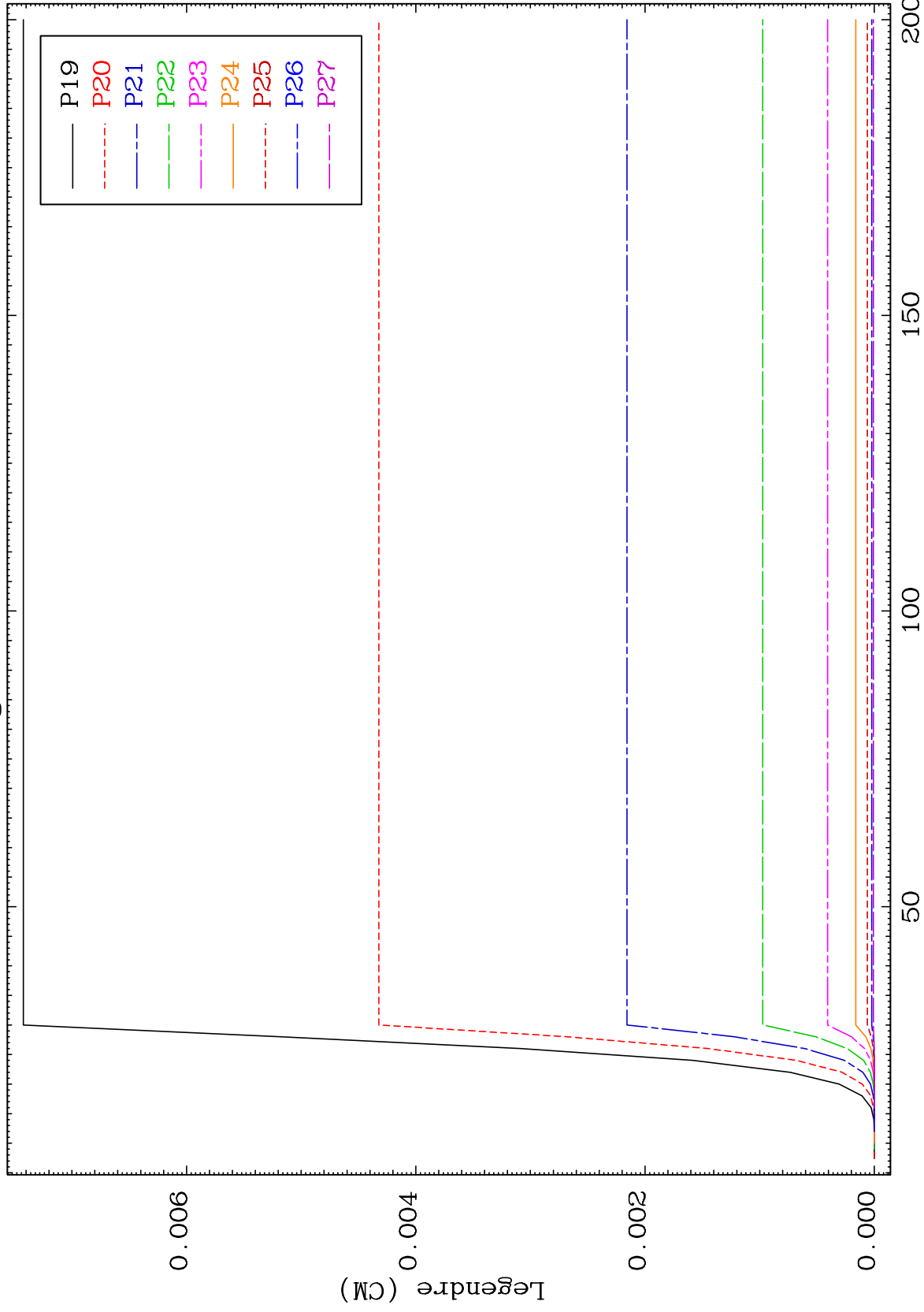
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



109

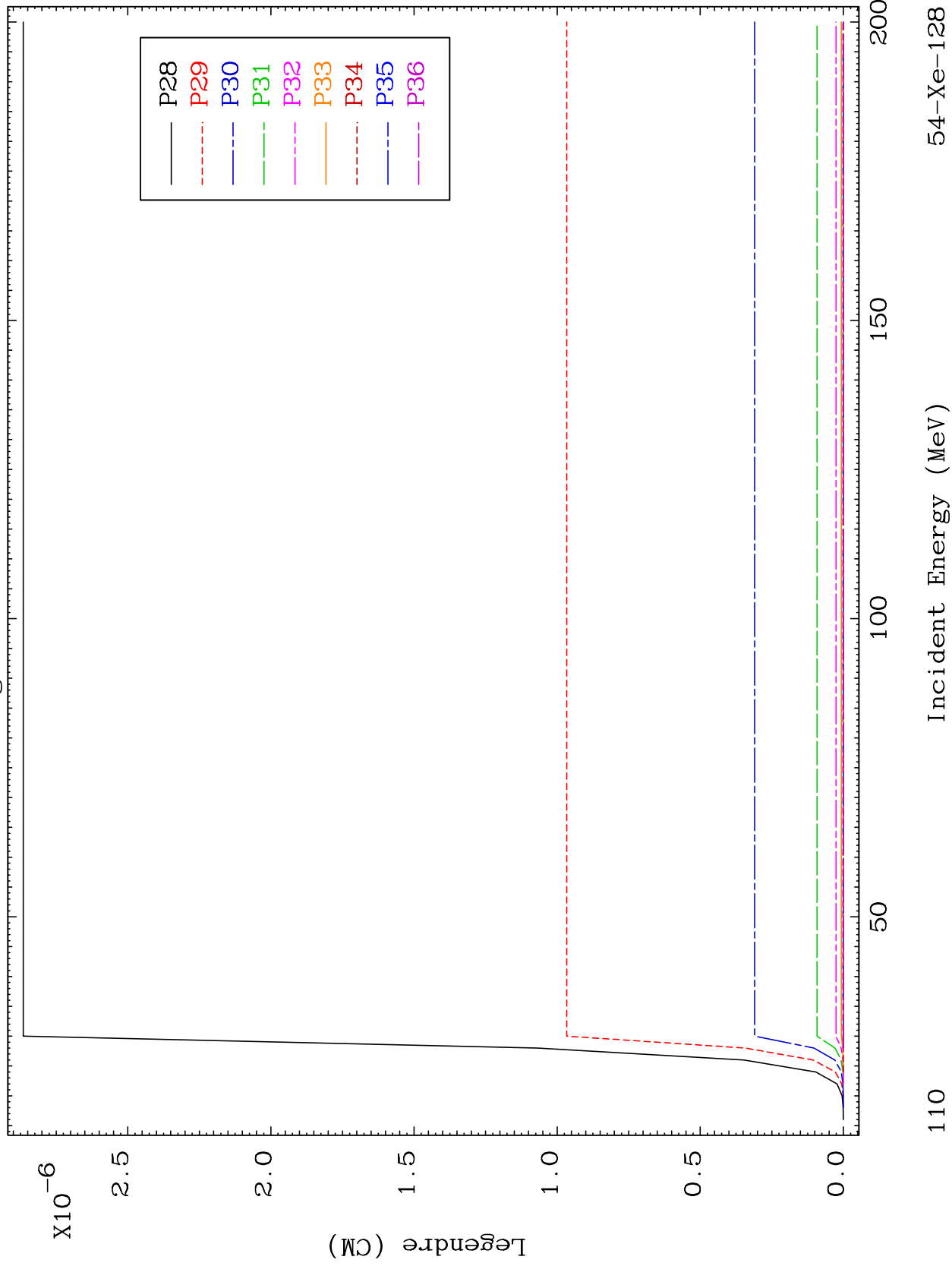
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

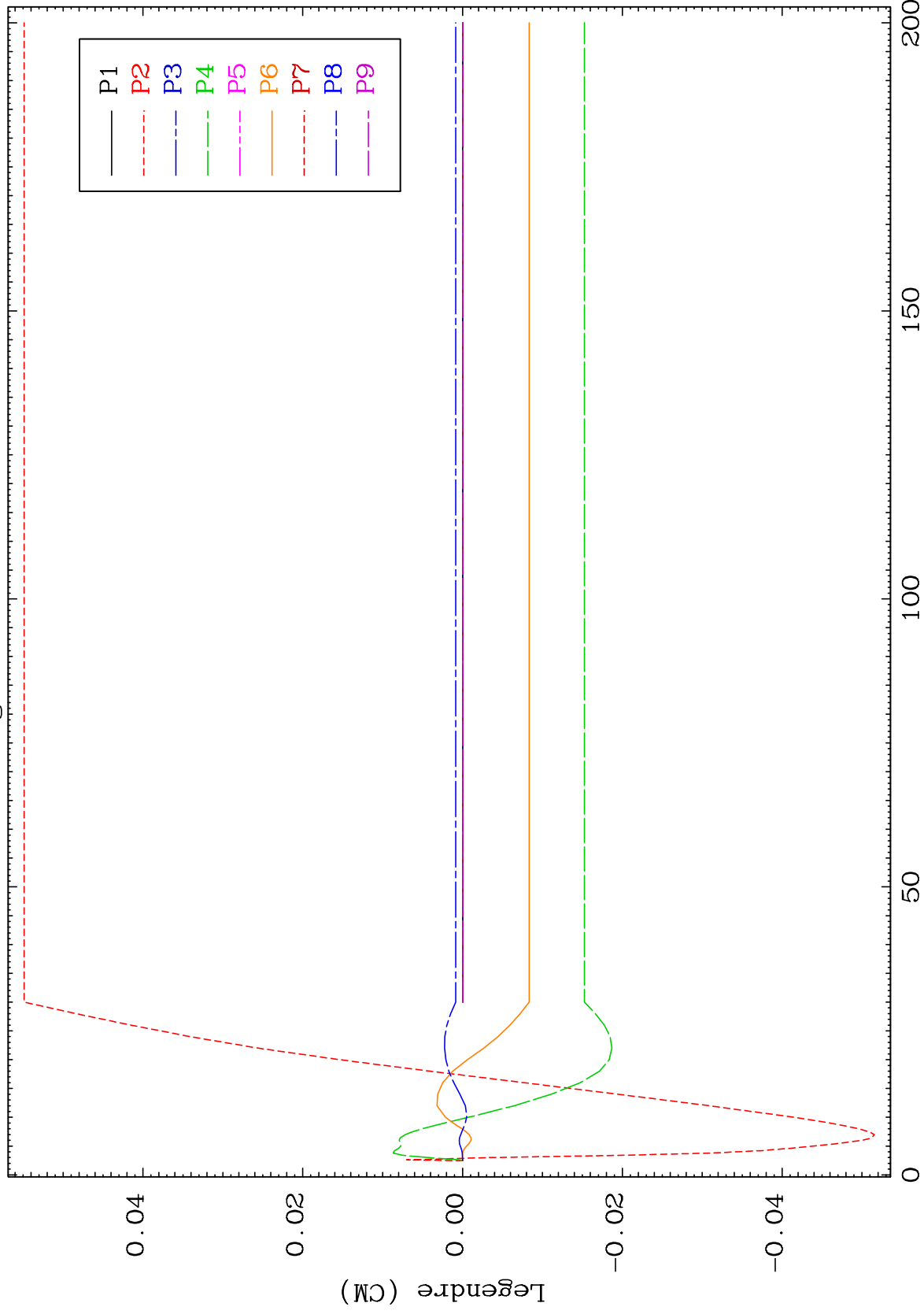
54-Xe-128



MAT 5437

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

54-Xe-128



111

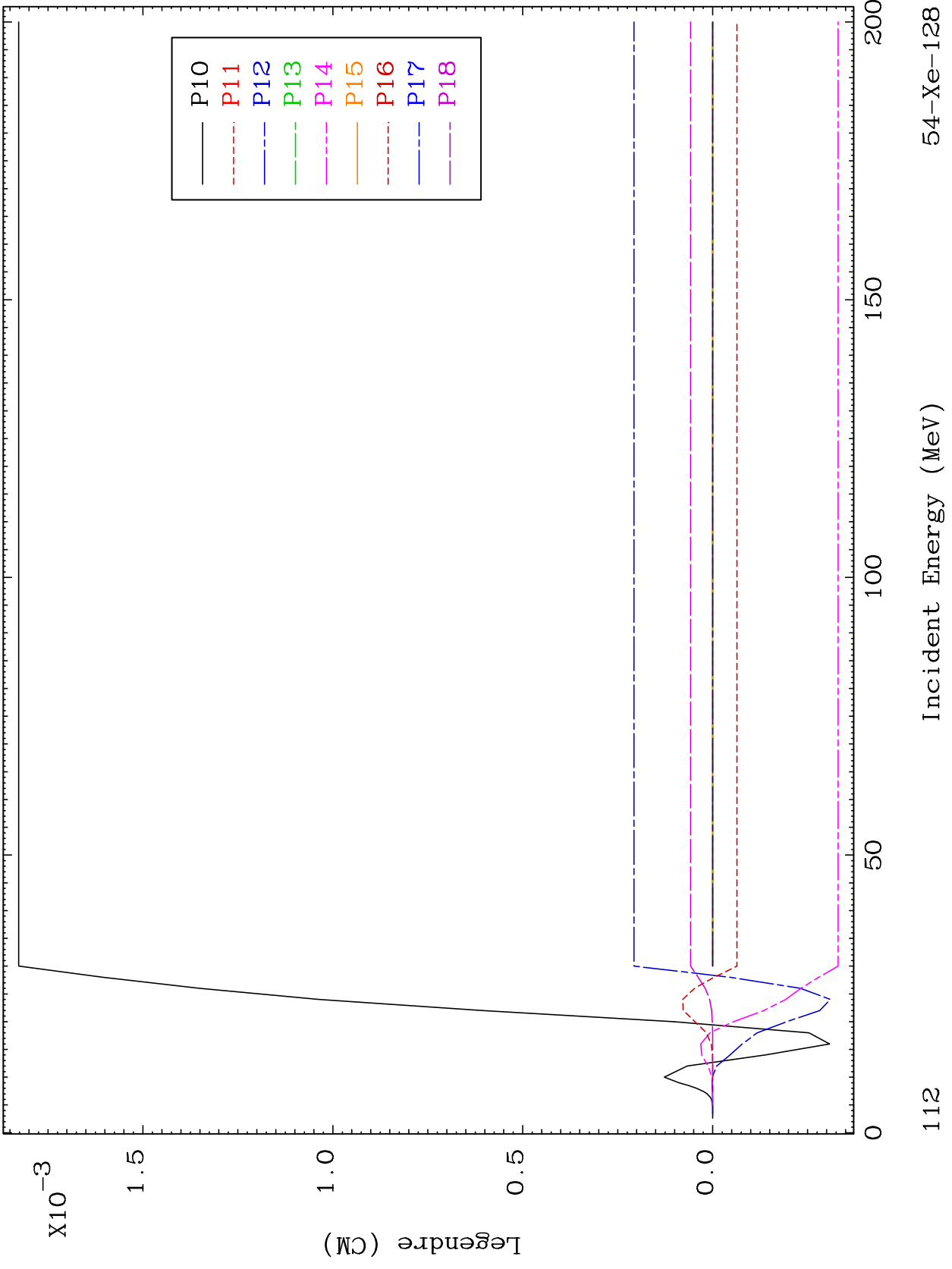
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

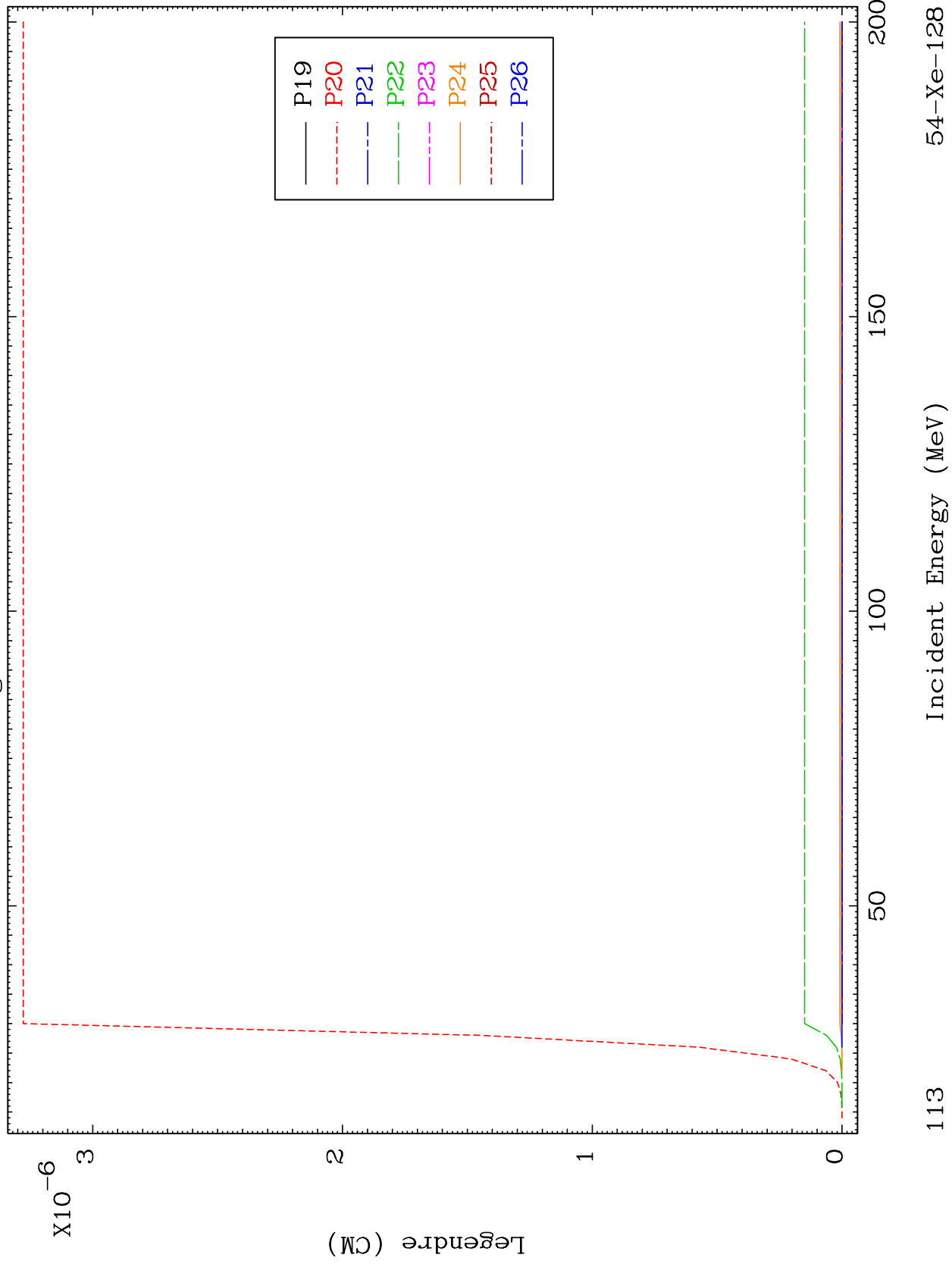
54-Xe-128



MAT 5437

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

54-Xe-128



113

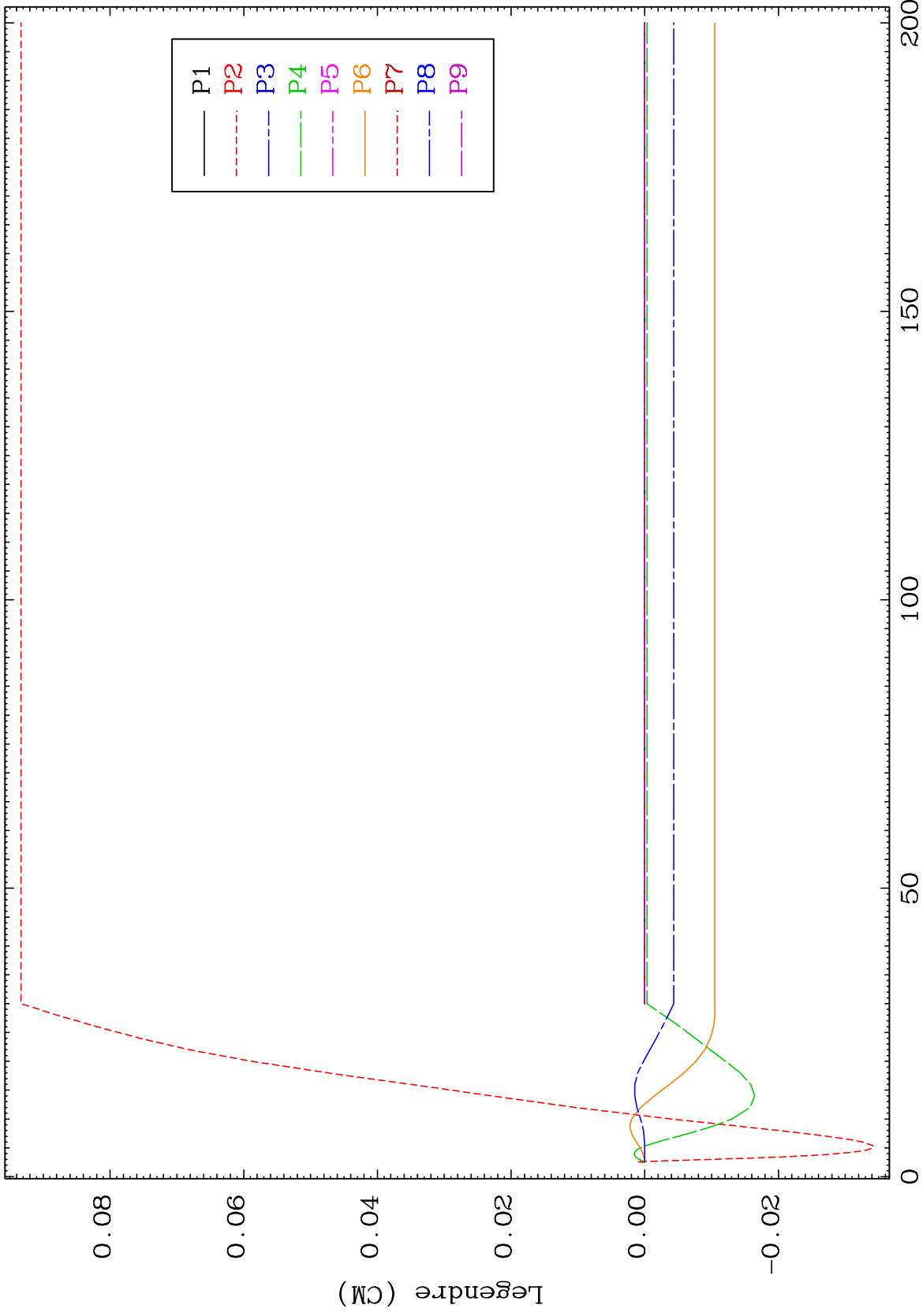
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



114

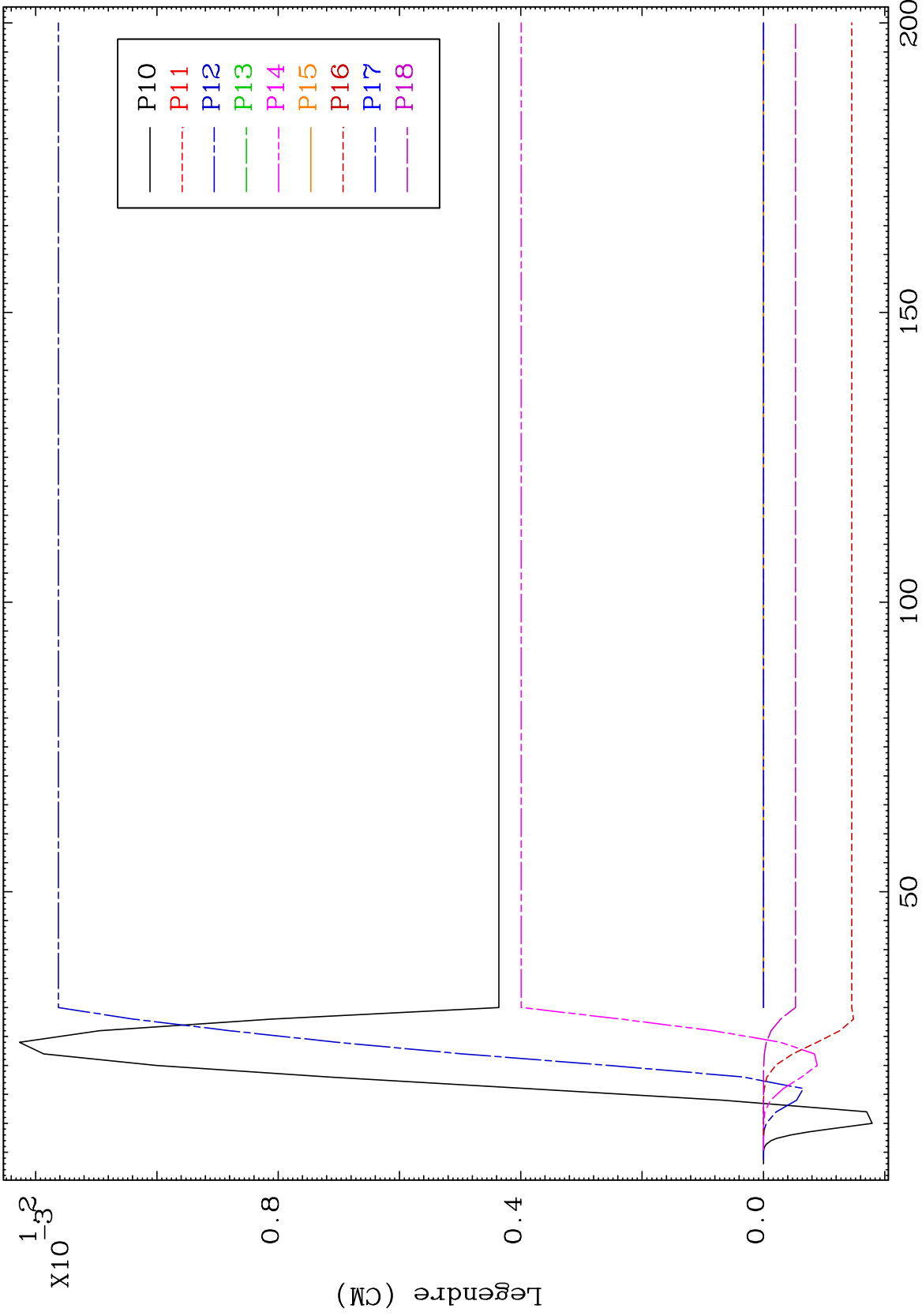
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



115

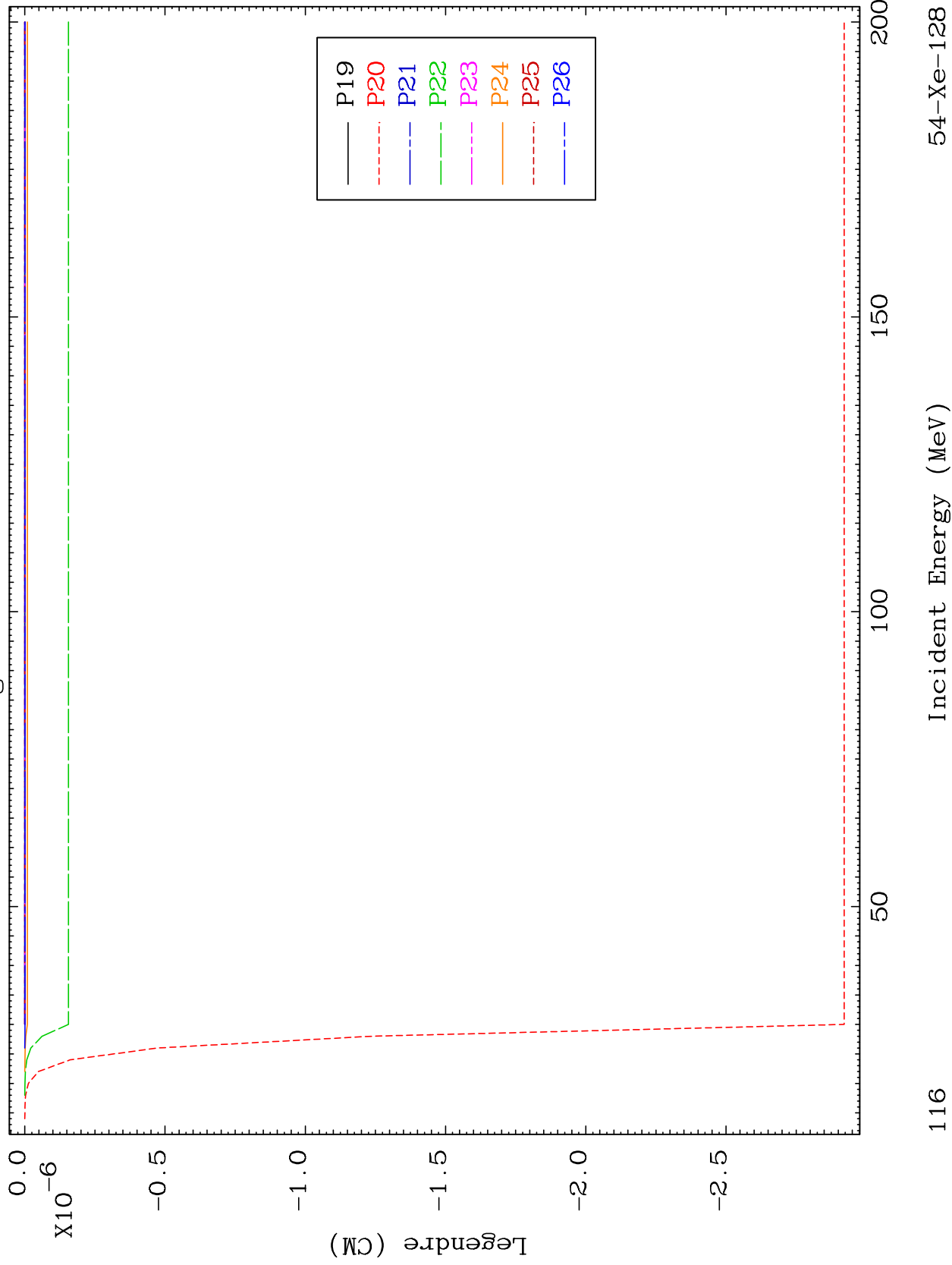
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



116

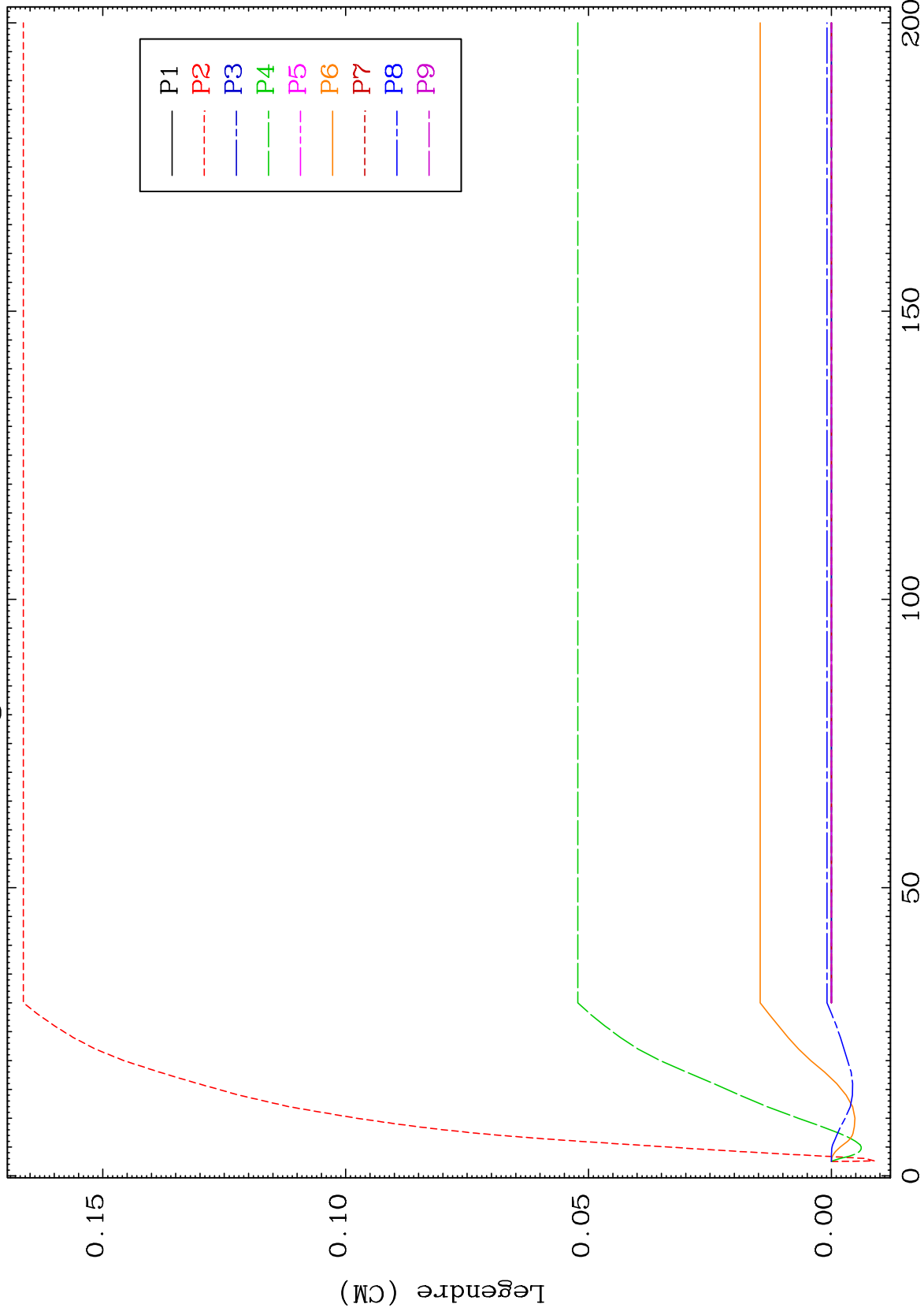
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



117

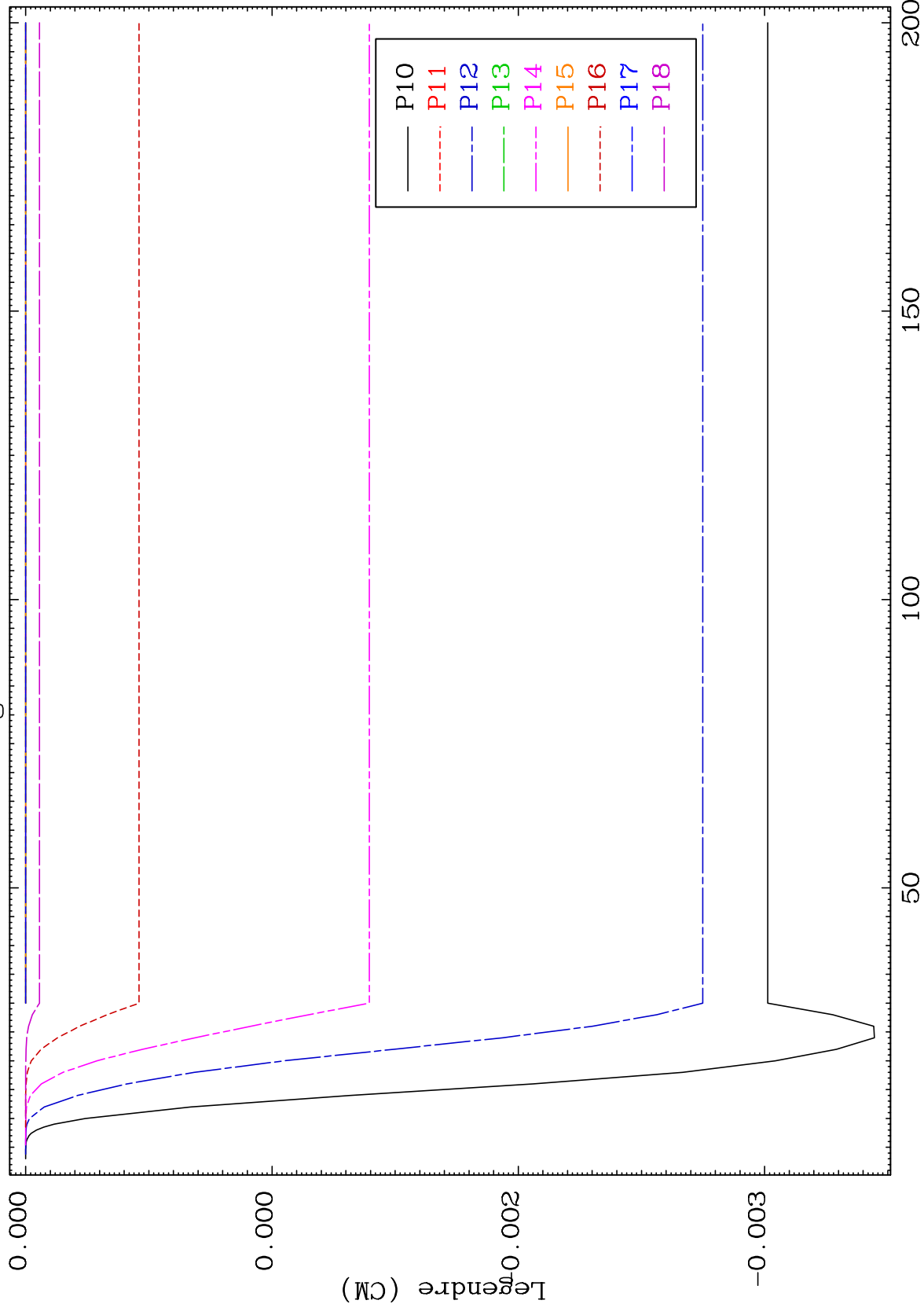
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



118

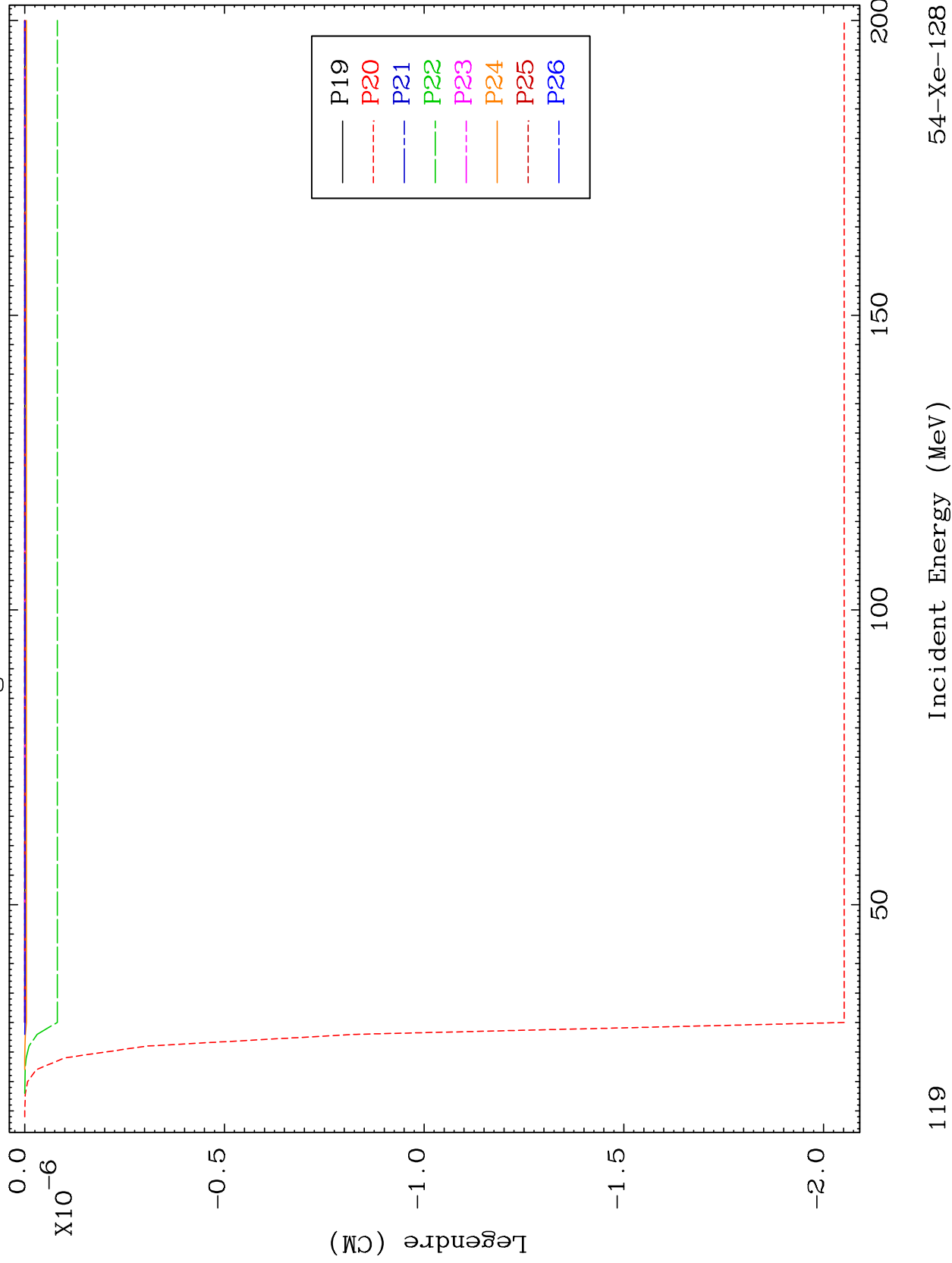
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



119

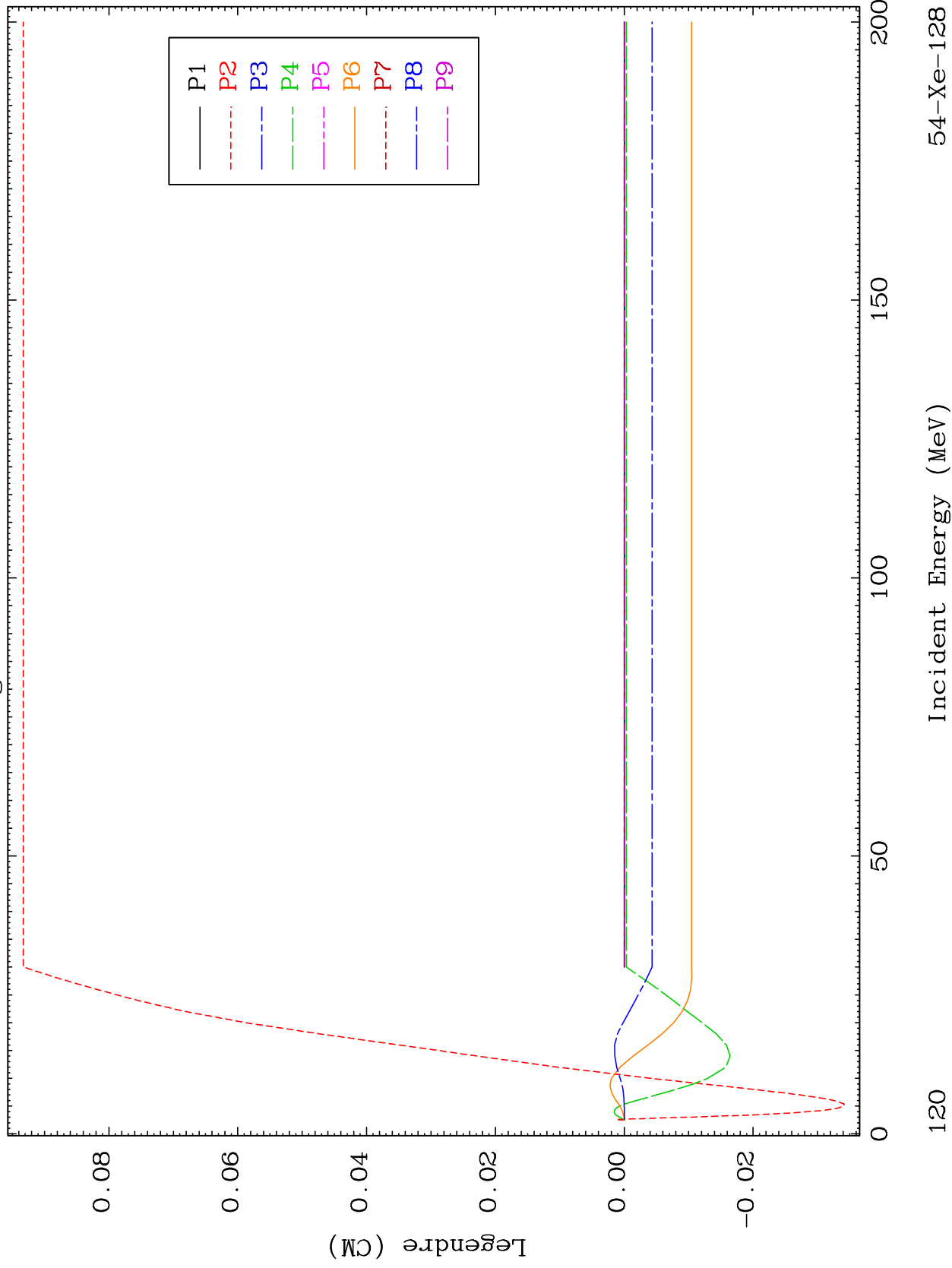
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

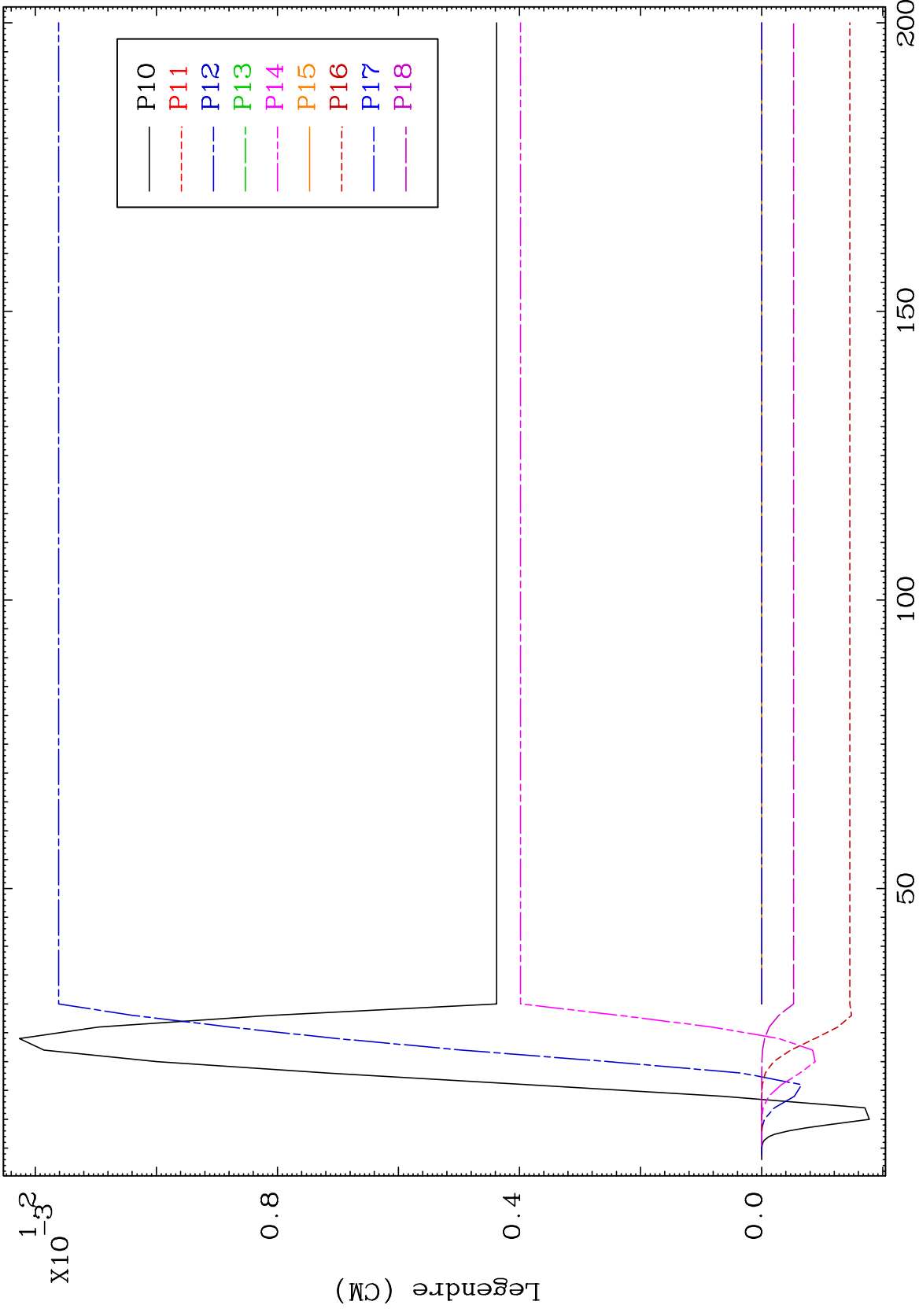
Incident Energy (MeV)

120

MAT 5437

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

54-Xe-128



121

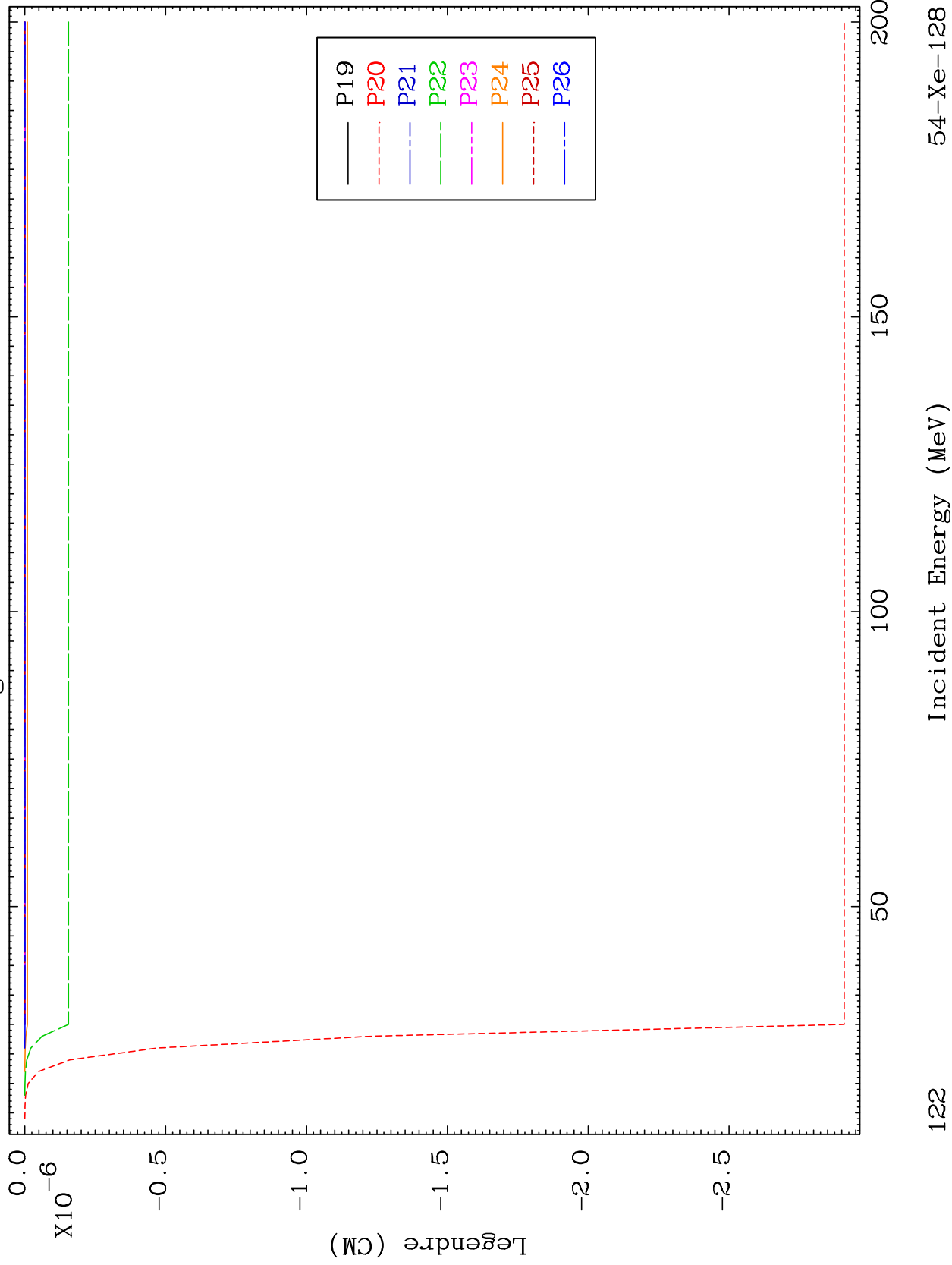
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



122

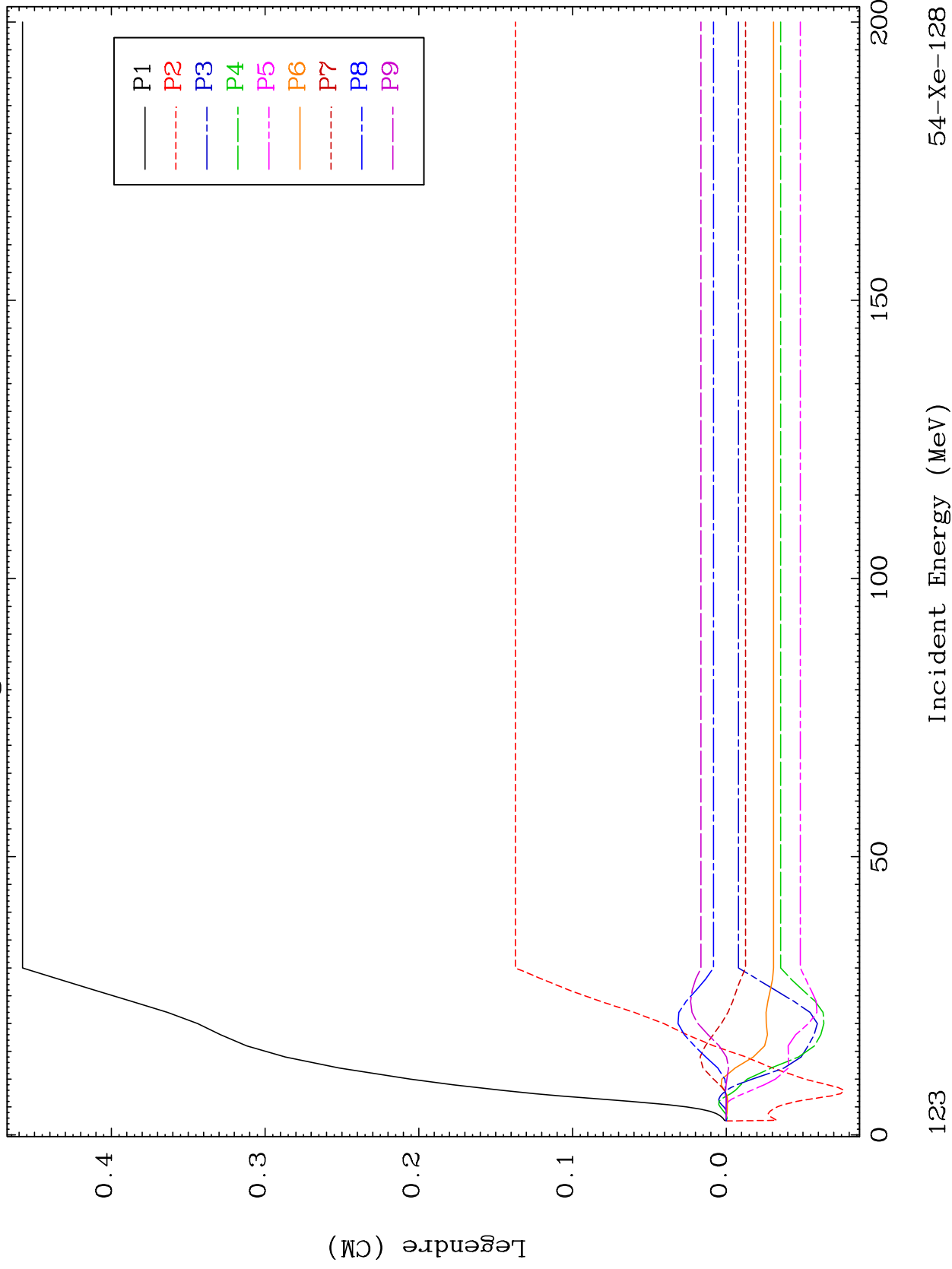
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



54-Xe-128

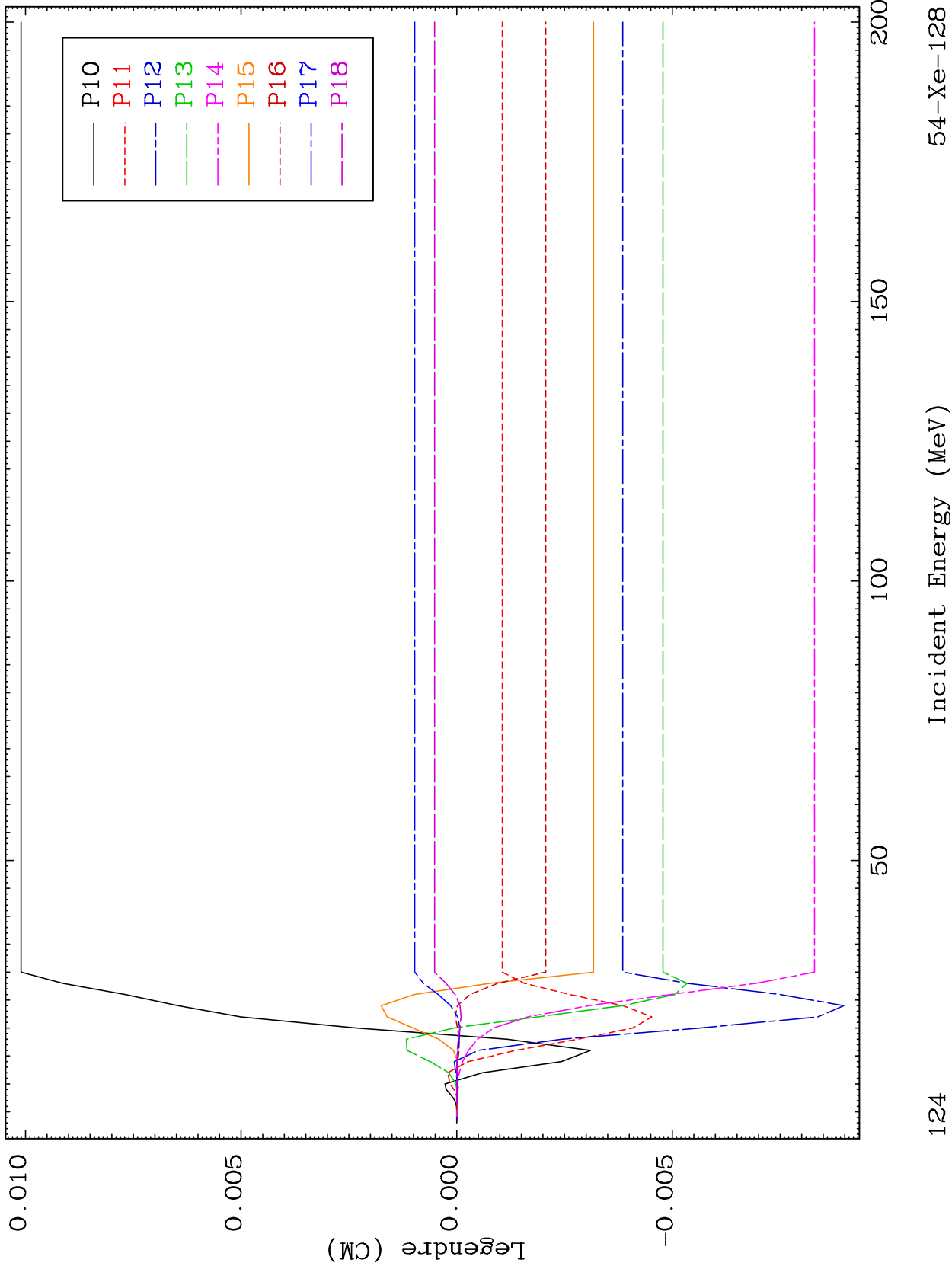
Incident Energy (MeV)

123

MAT 5437

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

54-Xe-128



124

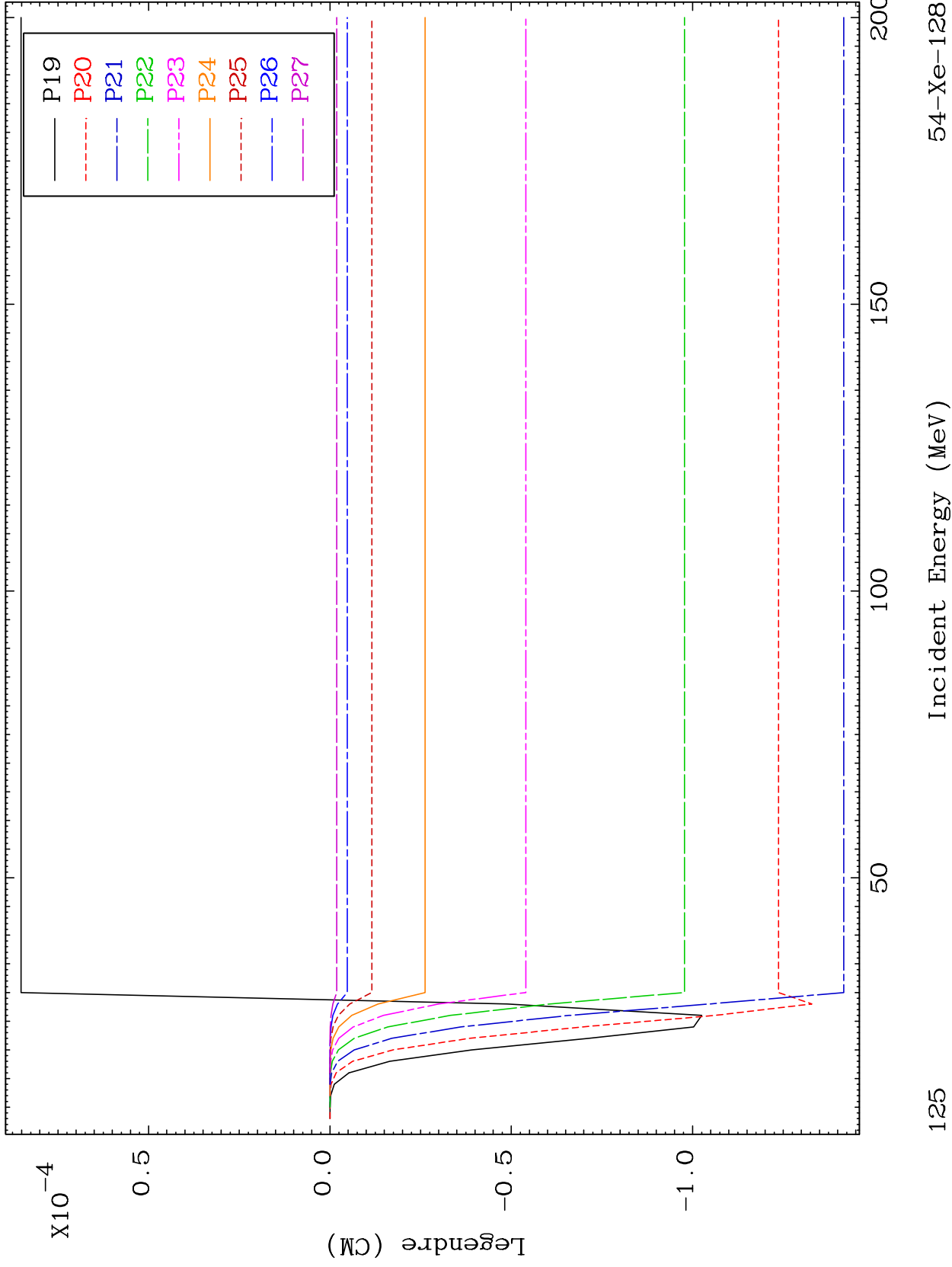
Incident Energy (MeV)

54-Xe-128

MAT 5437

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

54-Xe-128



125

Incident Energy (MeV)

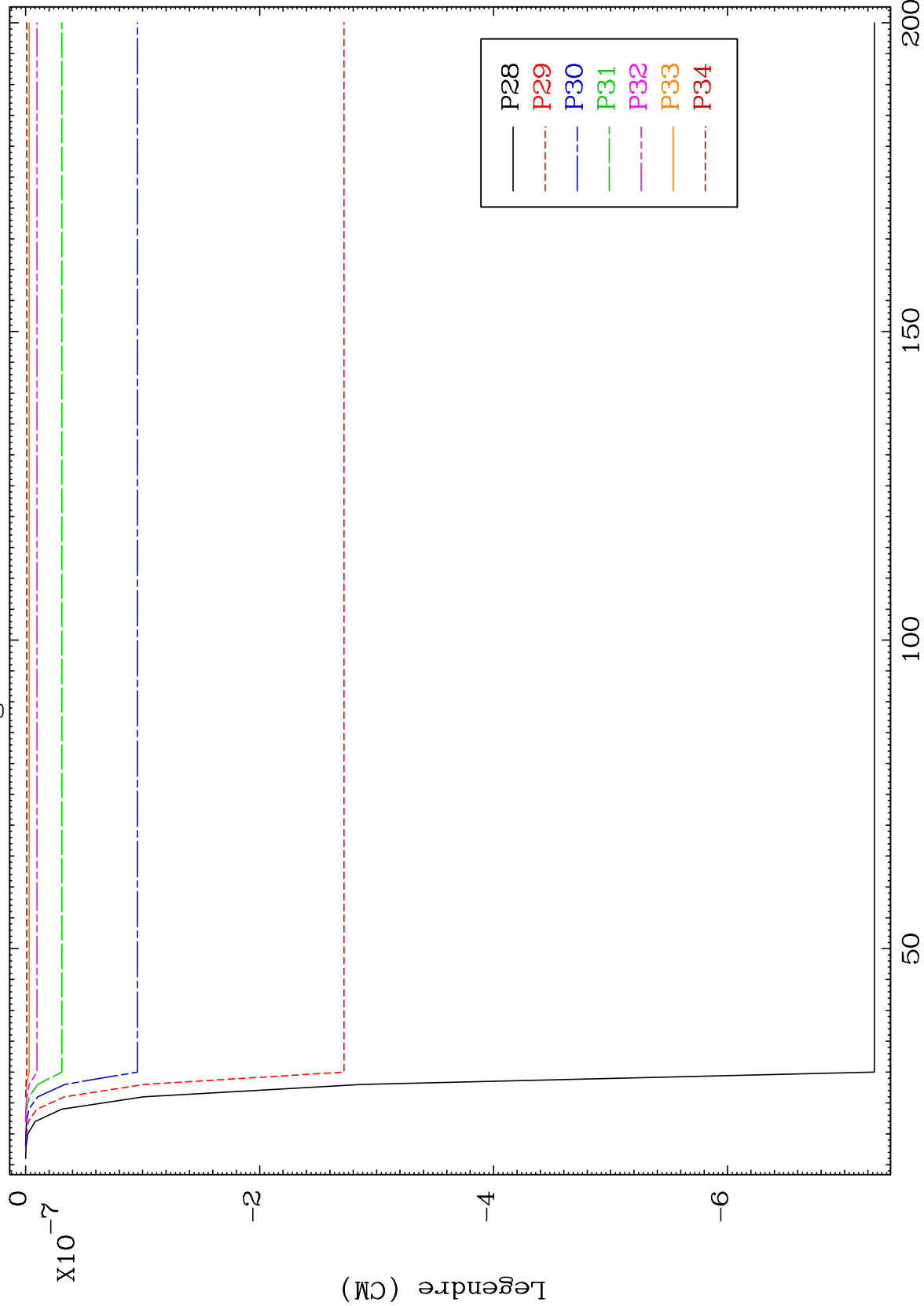
54-Xe-128

MAT 5437

MT= 80 (n,n') Level

54-Xe-128

Legendre Coefficients



126

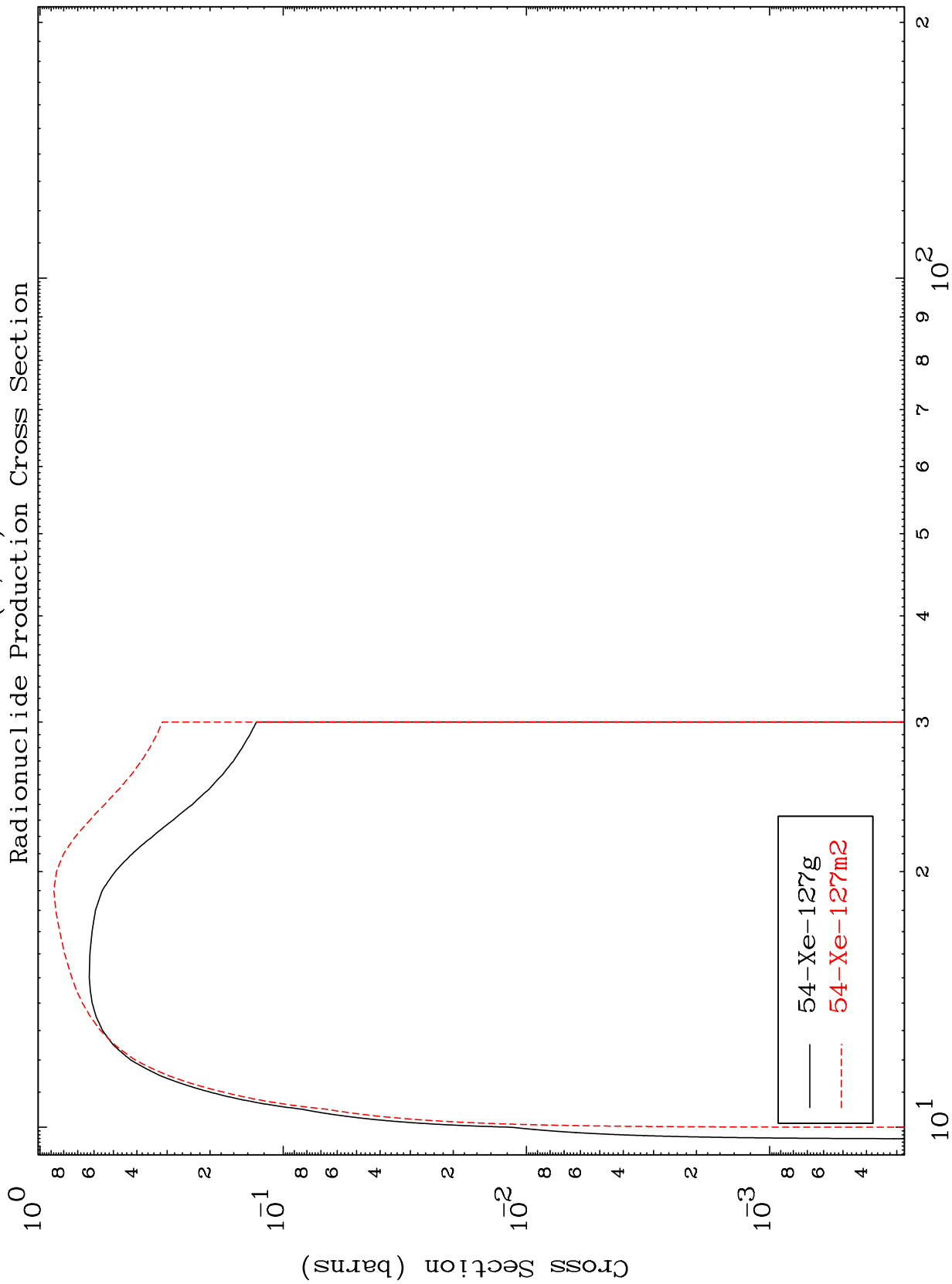
Incident Energy (MeV)

54-Xe-128

MAT 5437

54-Xe-128

(n,2n)
Radionuclide Production Cross Section



54-Xe-128

Incident Energy (MeV)

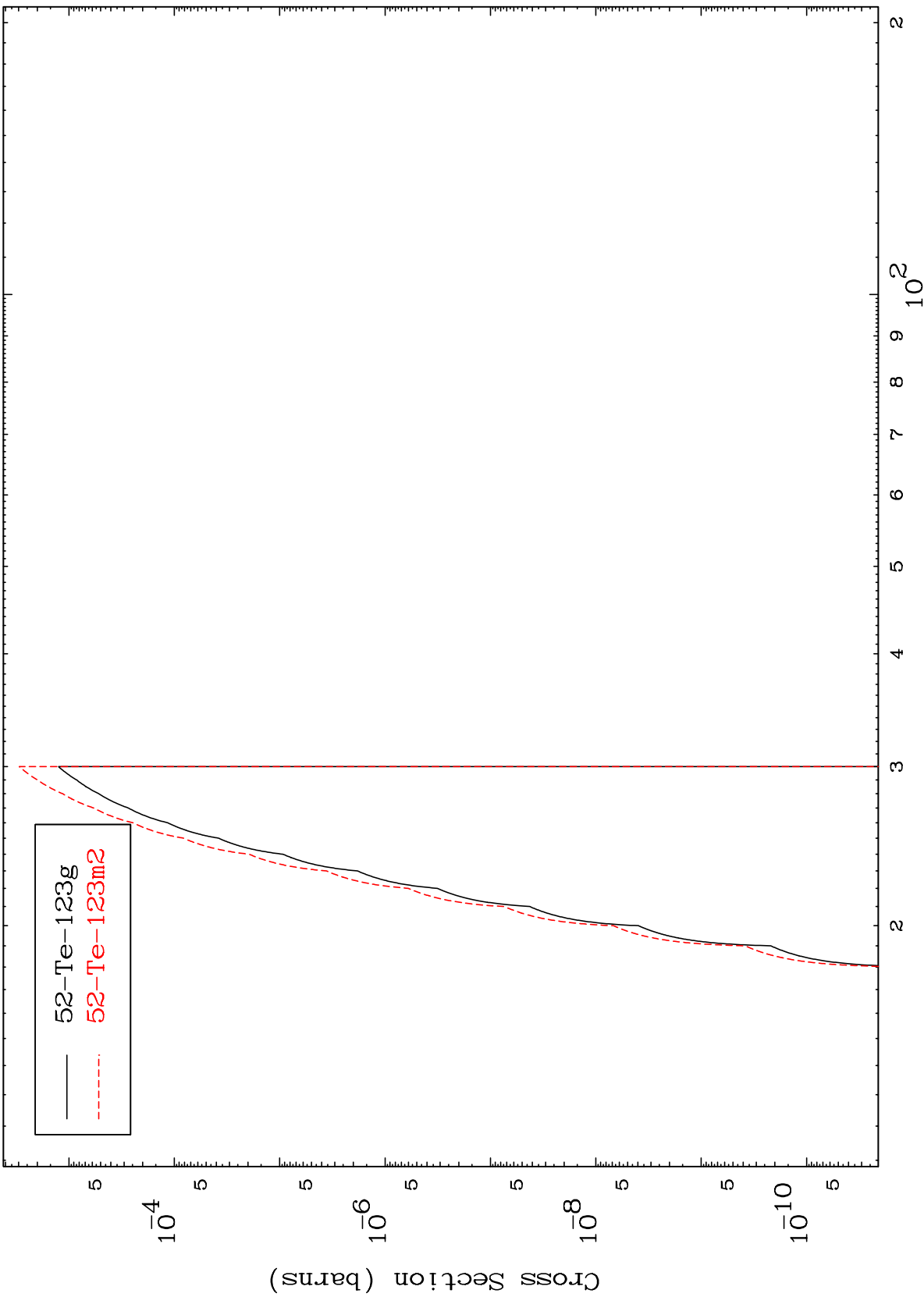
127

MAT 5437

(n,2n) α

54-Xe-128

Radionuclide Production Cross Section

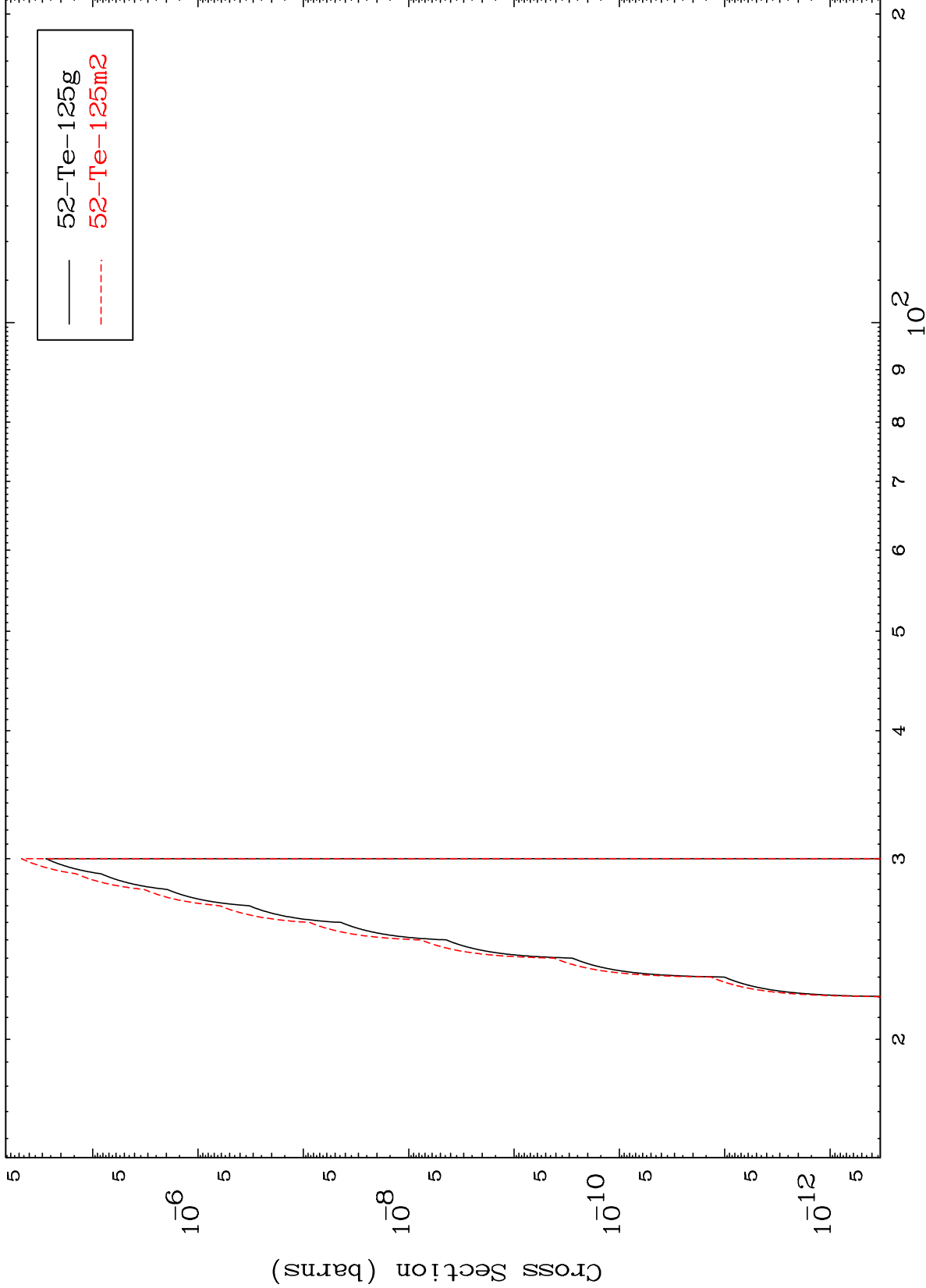


128

Incident Energy (MeV)

54-Xe-128

Radionuclide Production Cross Section

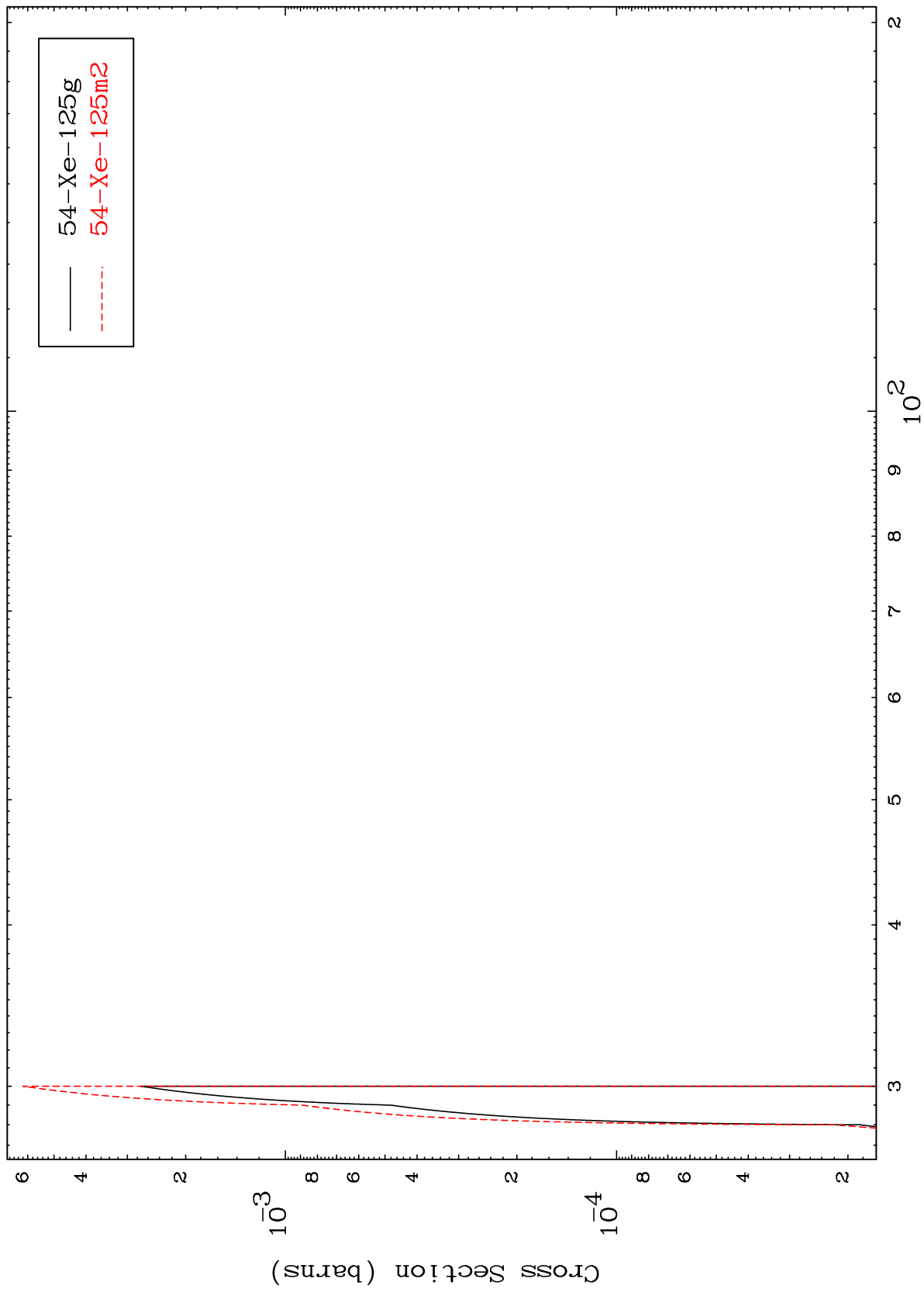


52-Te-125g
52-Te-125m2

MAT 5437

54-Xe-128

(n,4n)
Radionuclide Production Cross Section



130

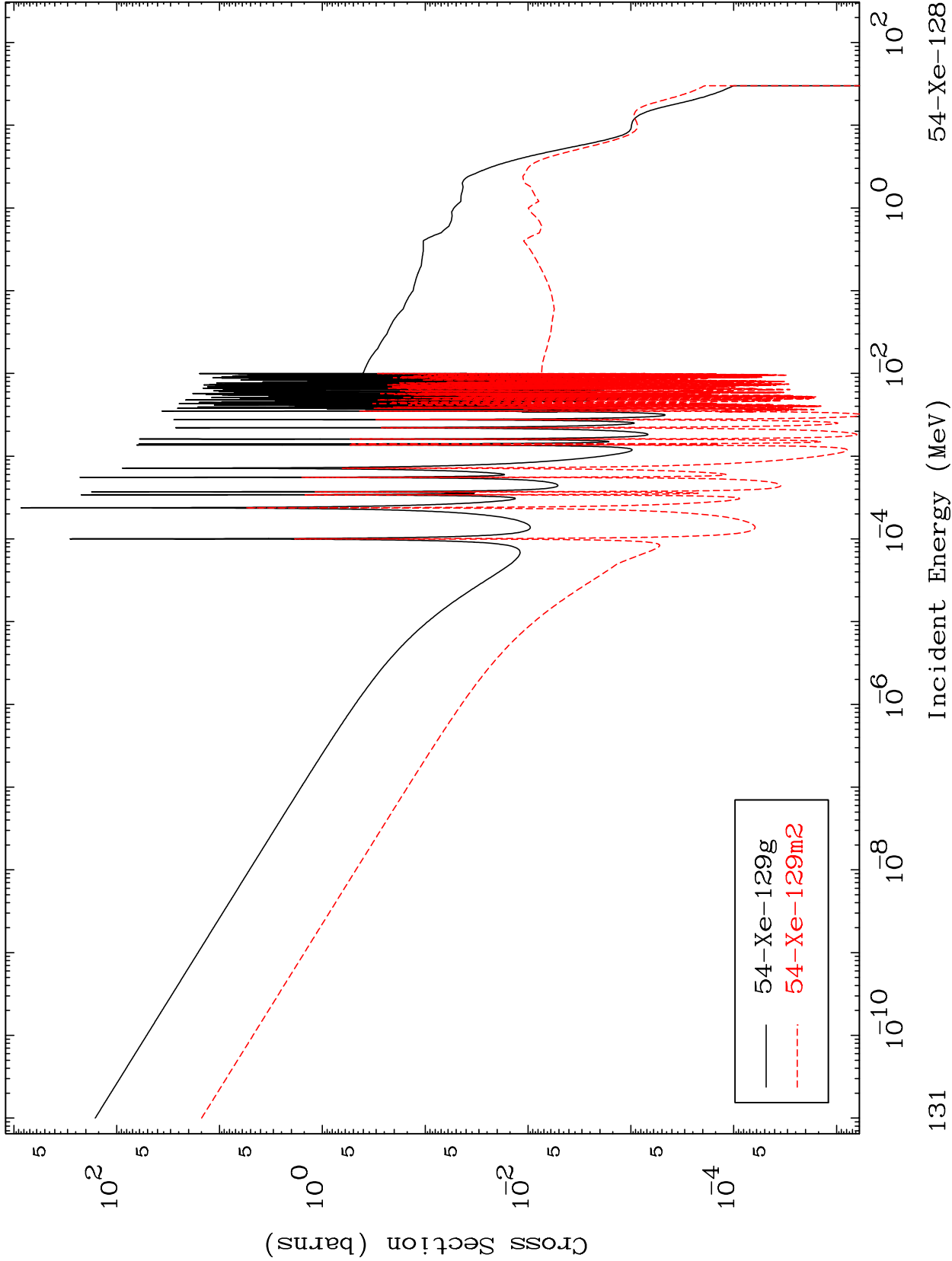
54-Xe-128

Incident Energy (MeV)

MAT 5437

54-Xe-128

(n, γ)
Radionuclide Production Cross Section

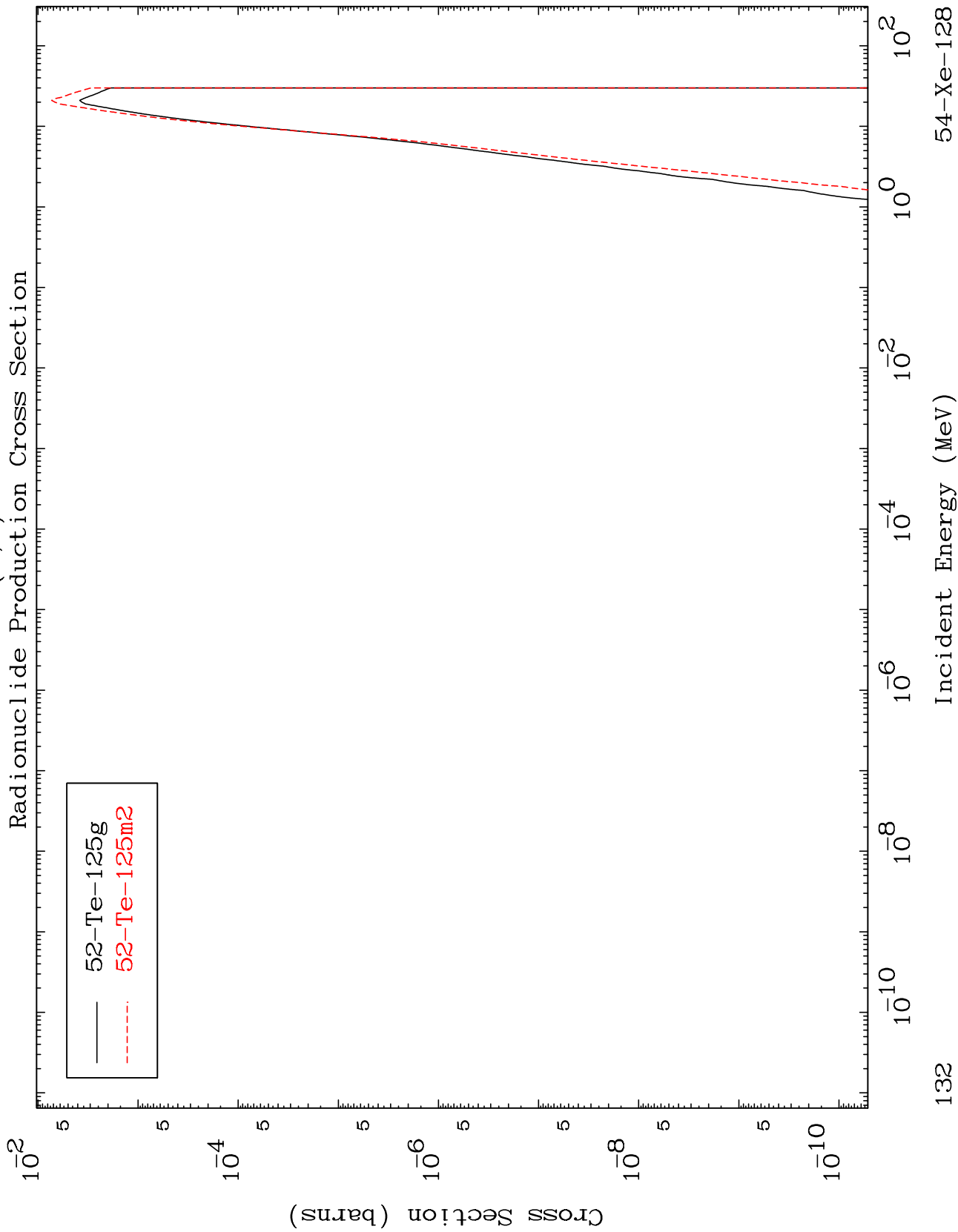


MAT 5437

54-Xe-128

Radionuclide Production Cross Section

(n, α)

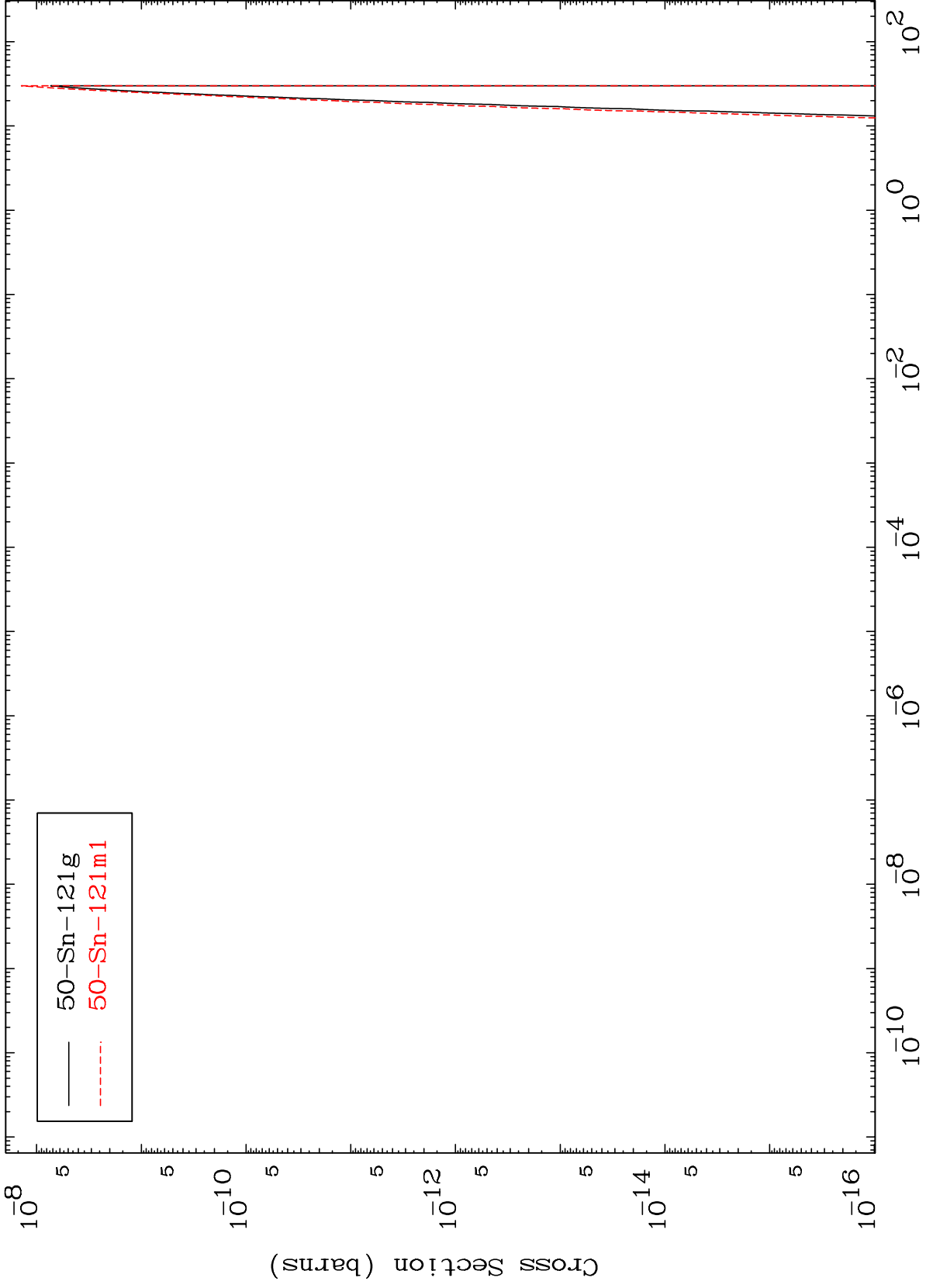


MAT 5437

(n,2α)

54-Xe-128

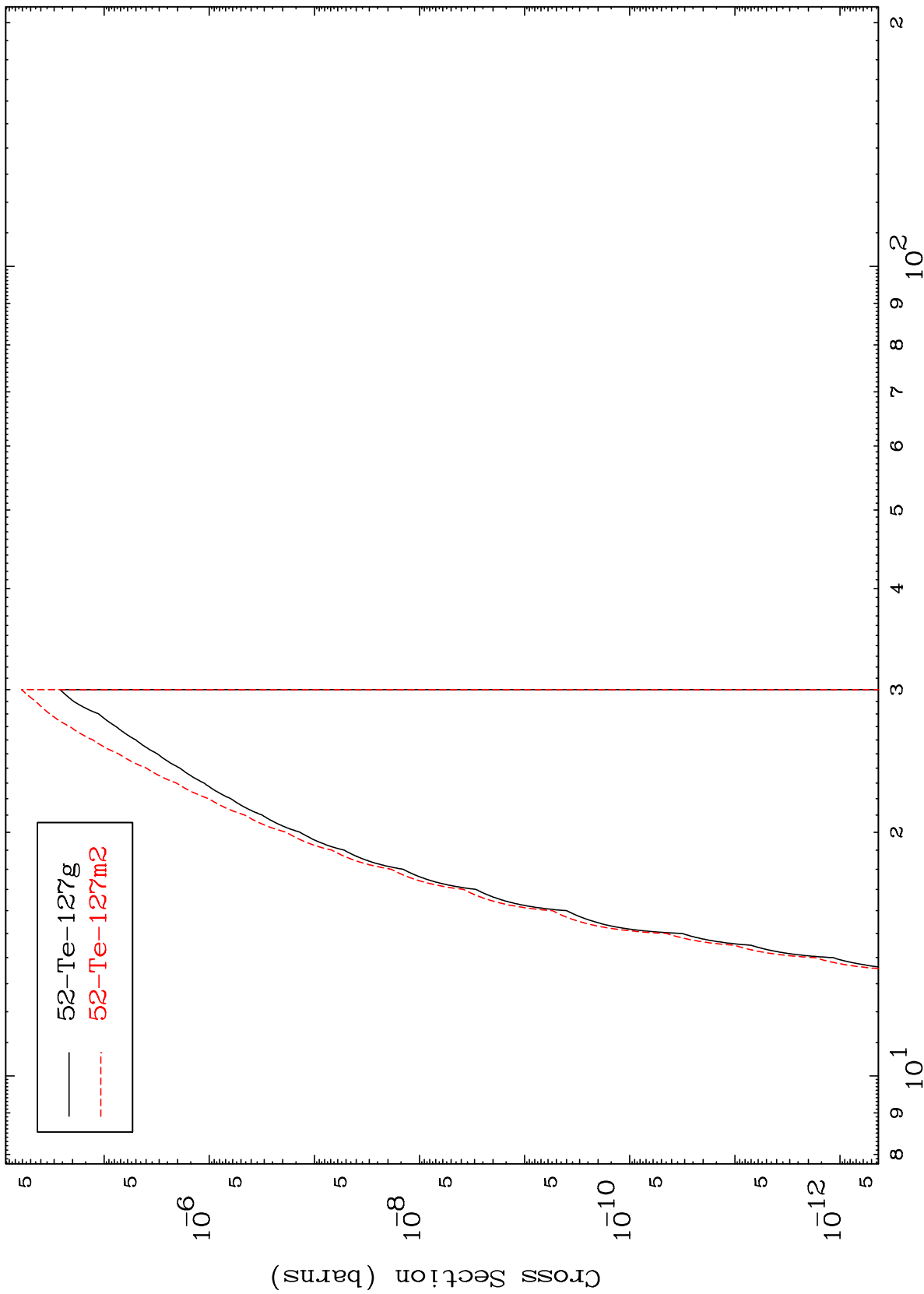
Radionuclide Production Cross Section



MAT 5437

54-Xe-128

(n,2p)
Radionuclide Production Cross Section



134

54-Xe-128

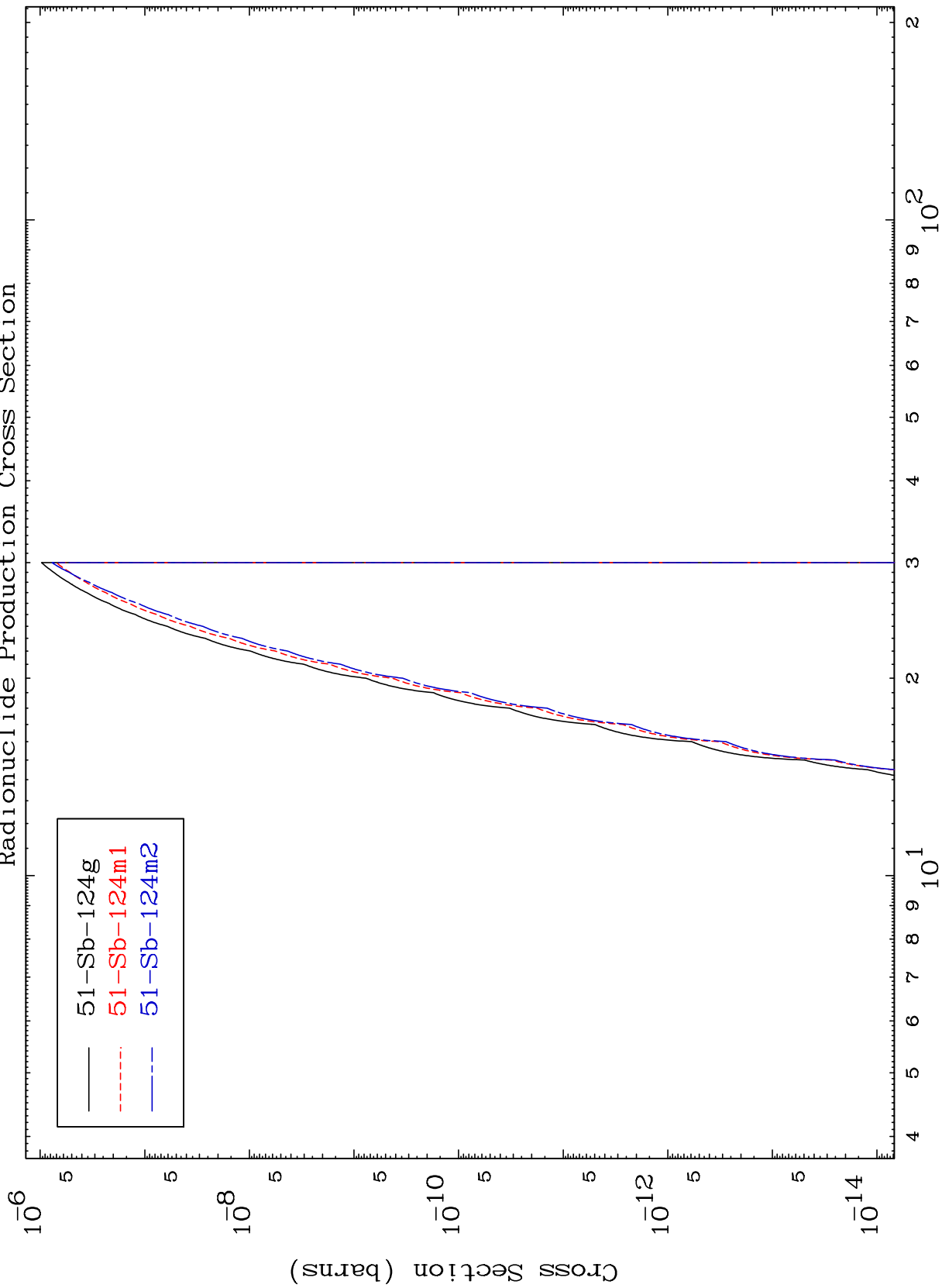
Incident Energy (MeV)

MAT 5437

(n,p) α

54-Xe-128

Radionuclide Production Cross Section



135

Incident Energy (MeV)

54-Xe-128

