

Program EVALPLOT
(Version 2017-1)

by

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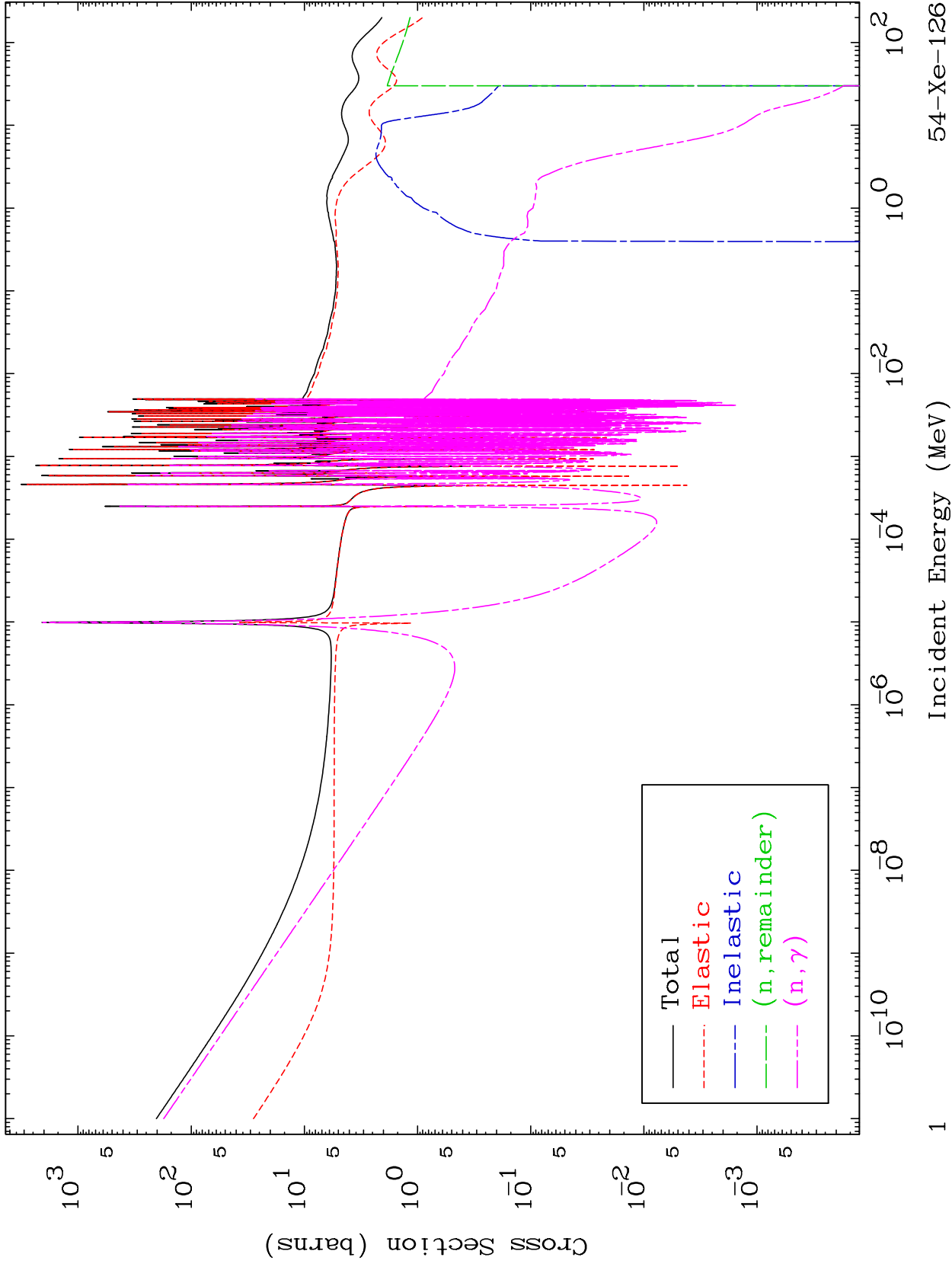
Press Mouse Button to Start

MAT 5431

Major

293 Kelvin Cross Sections

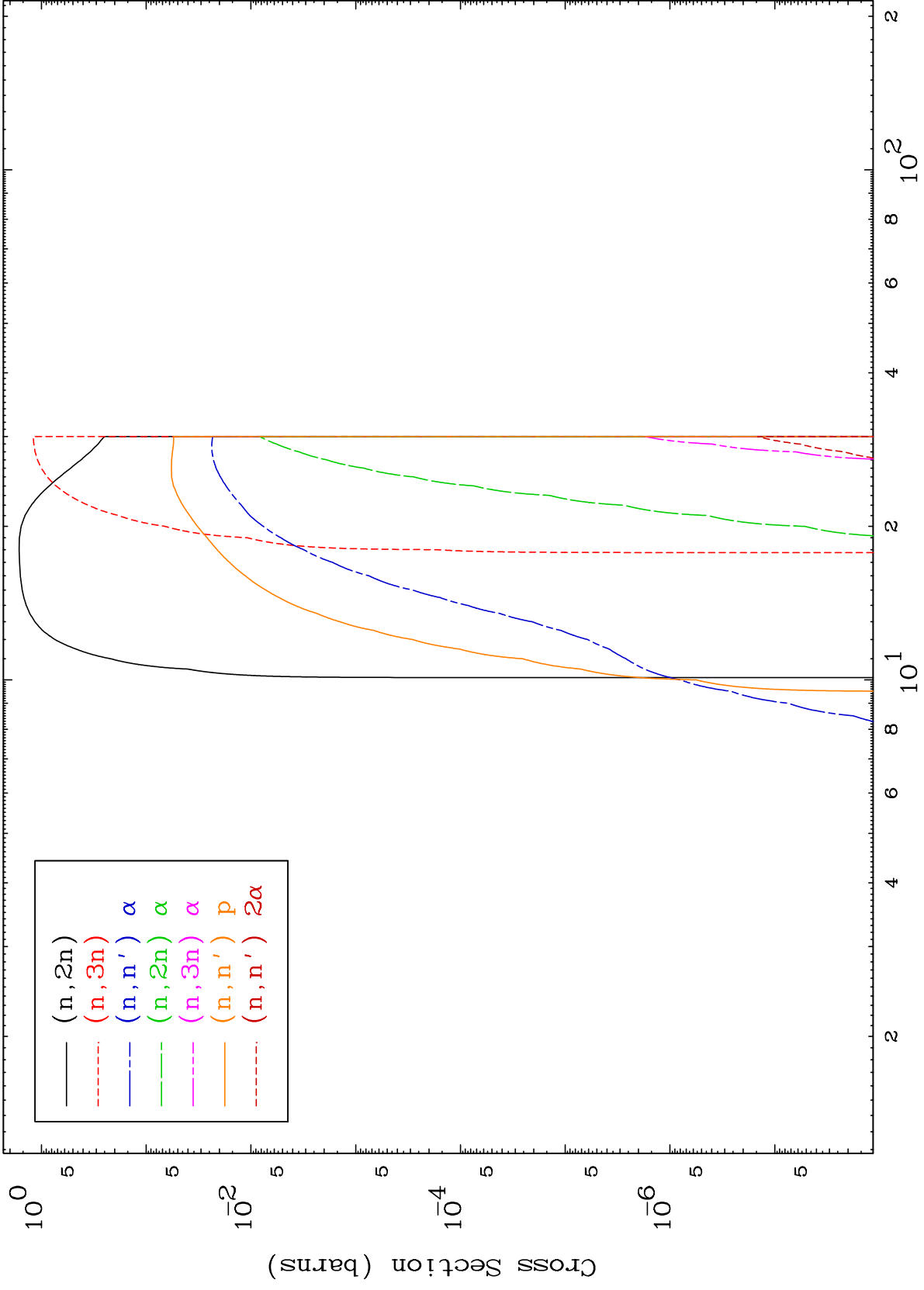
54-Xe-126



MAT 5431

Neutron Production
293 Kelvin Cross Sections

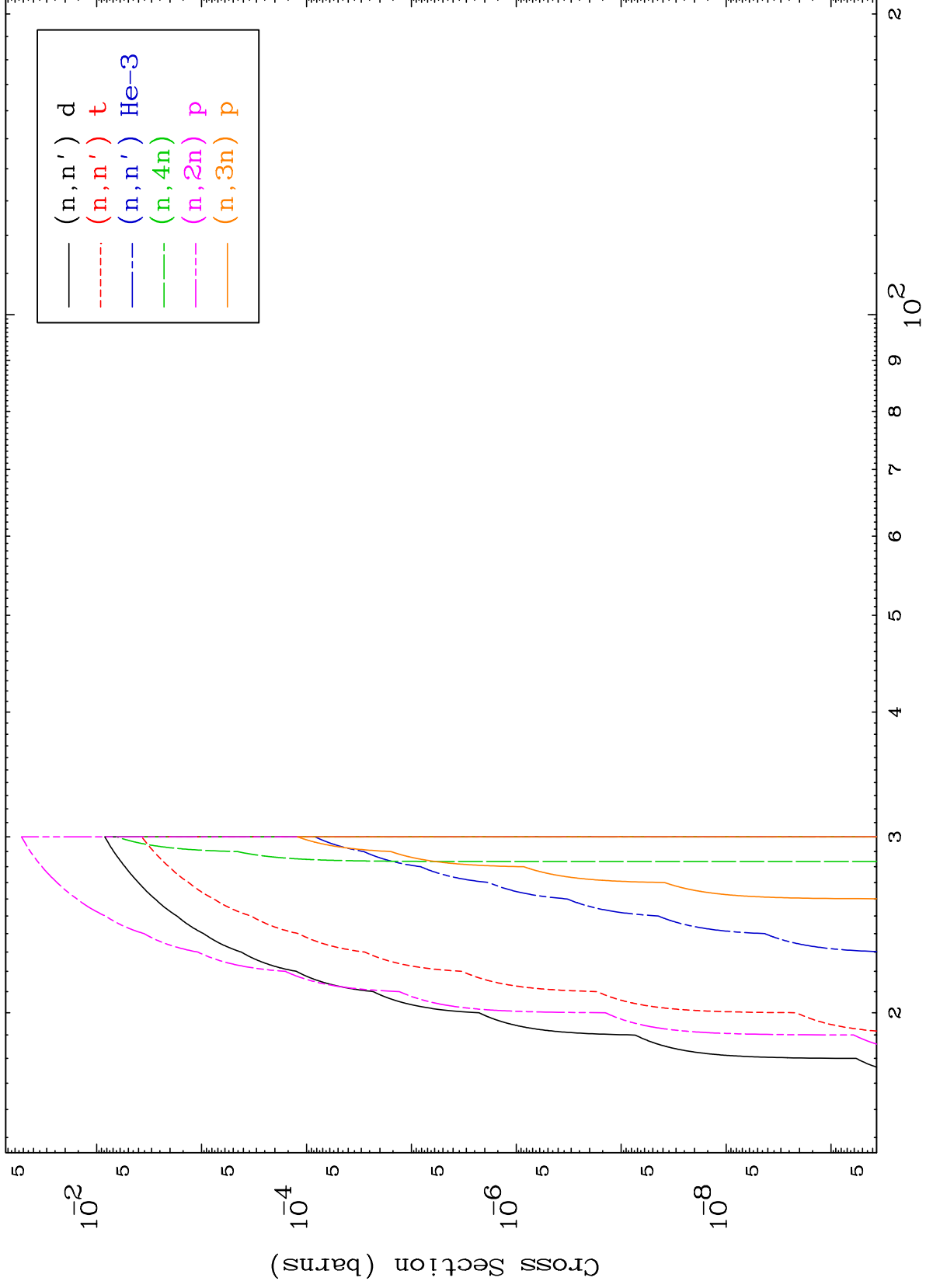
54-Xe-126

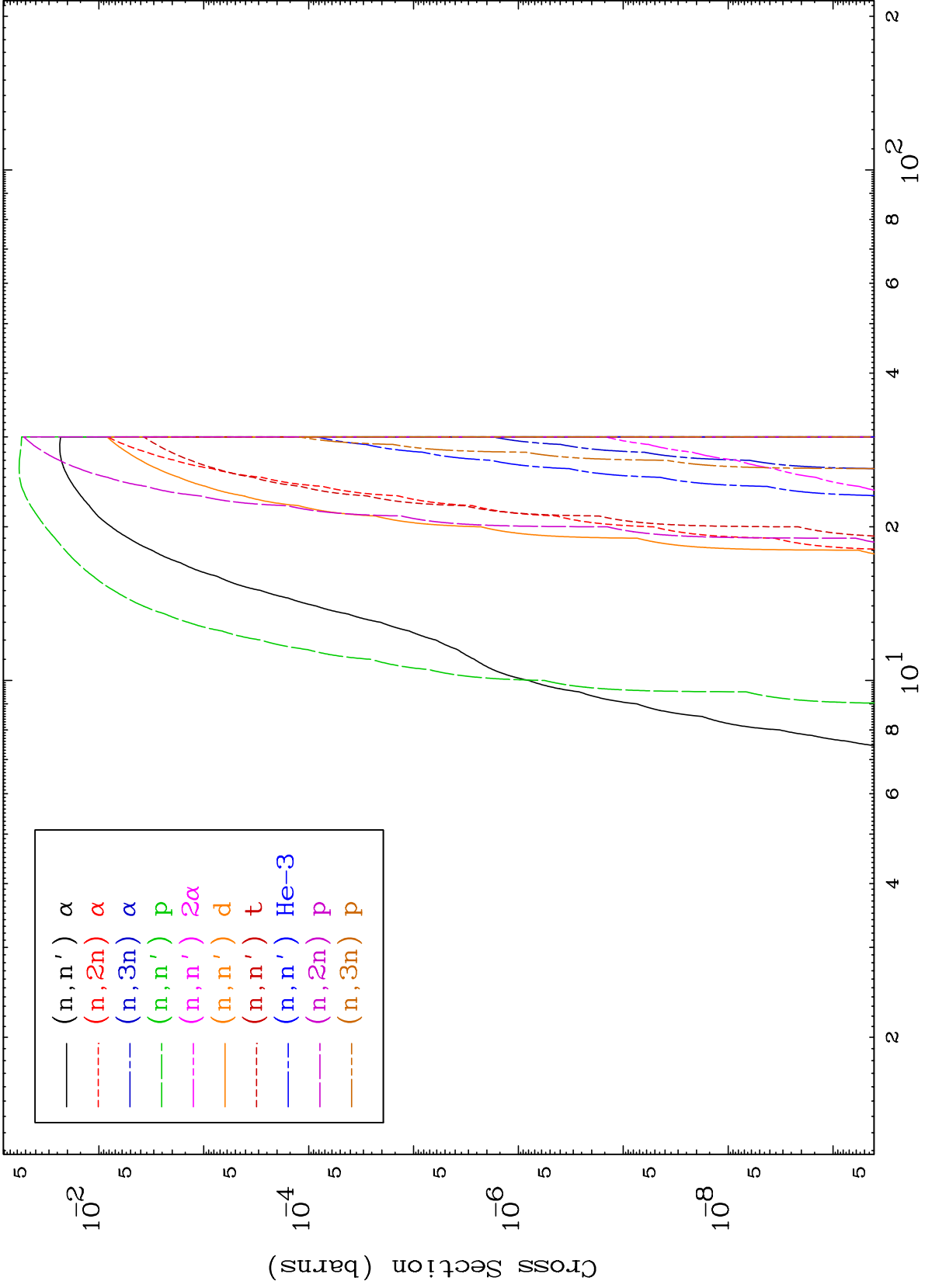


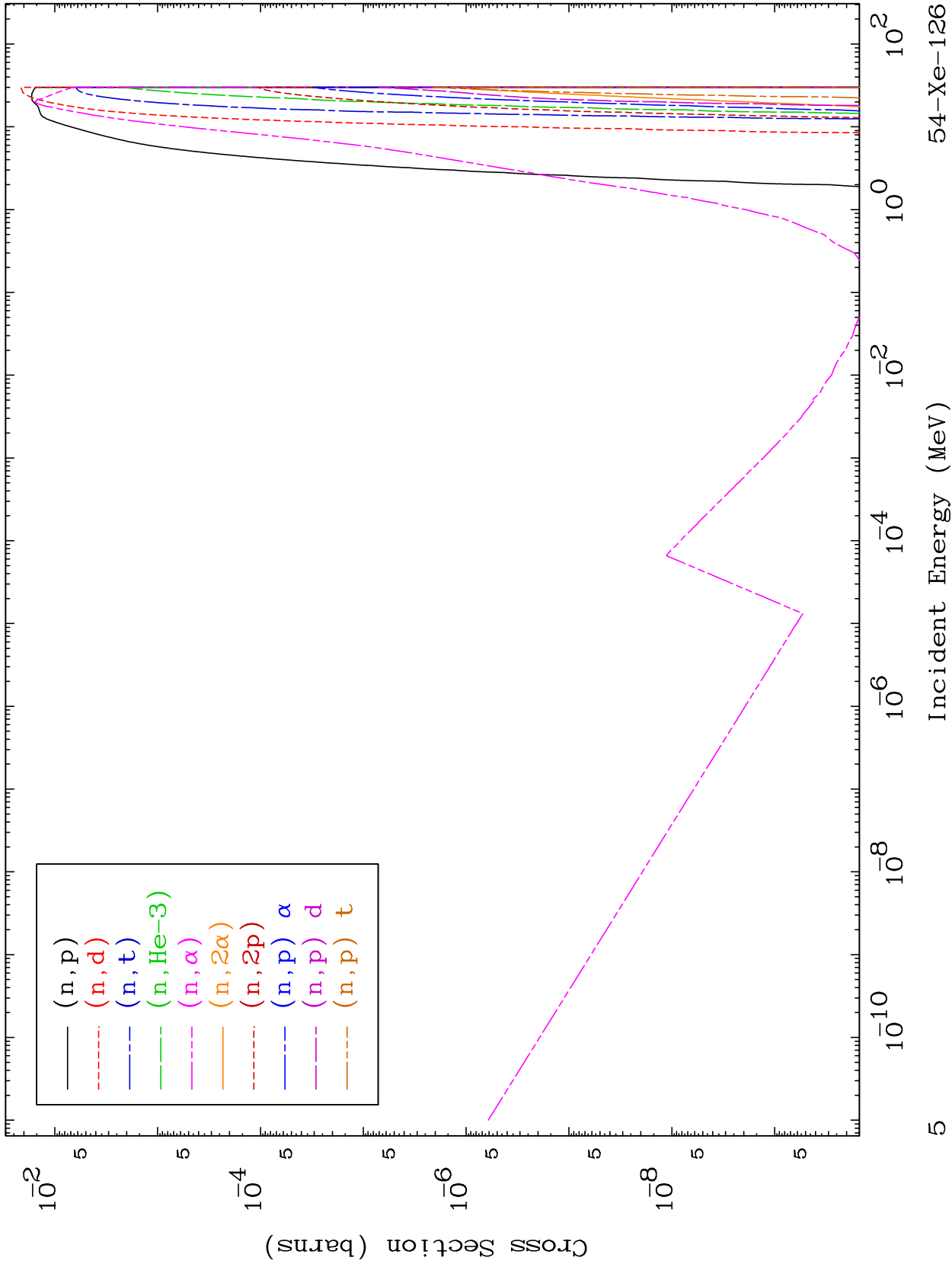
2

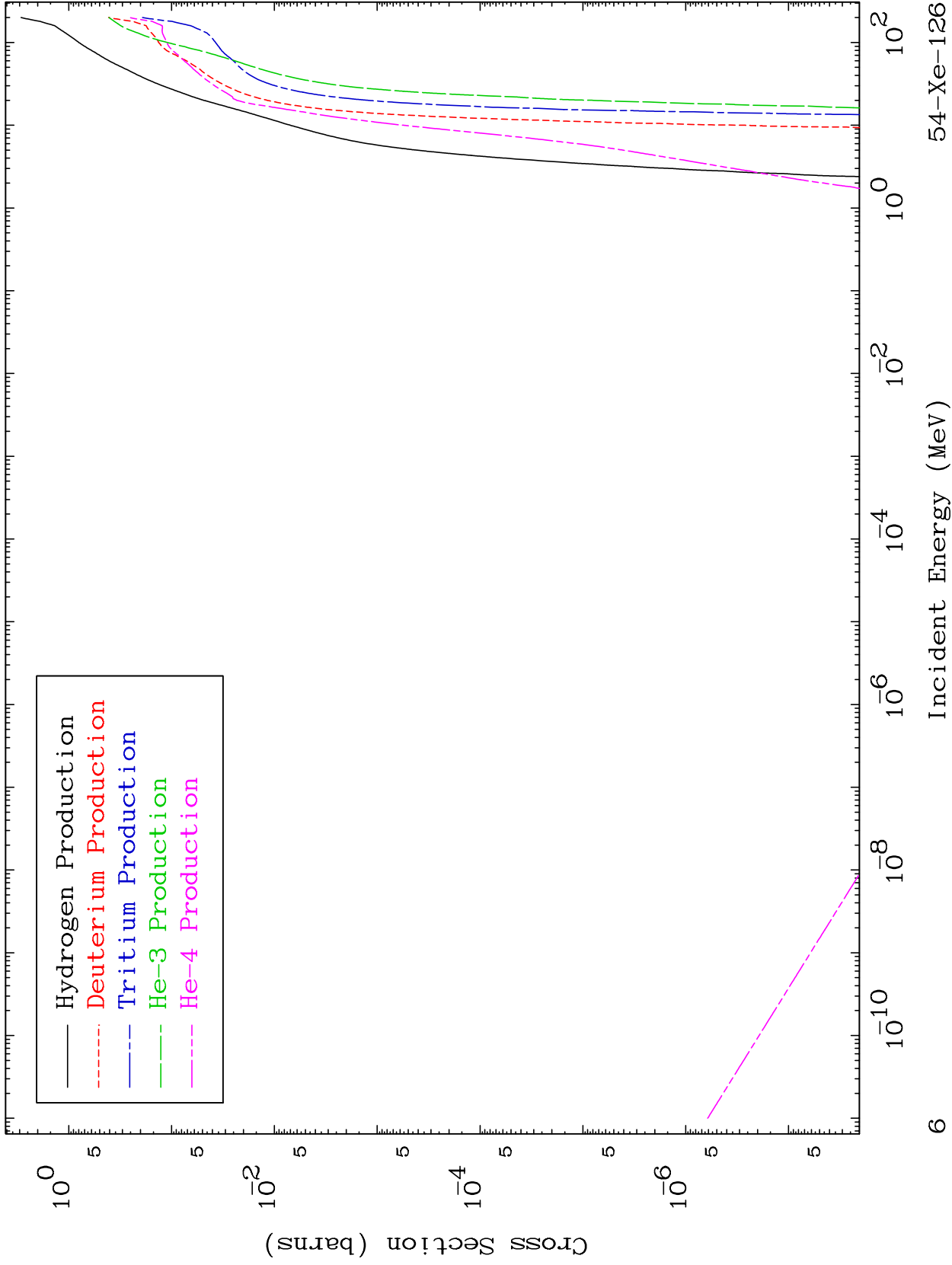
Incident Energy (MeV)

54-Xe-126

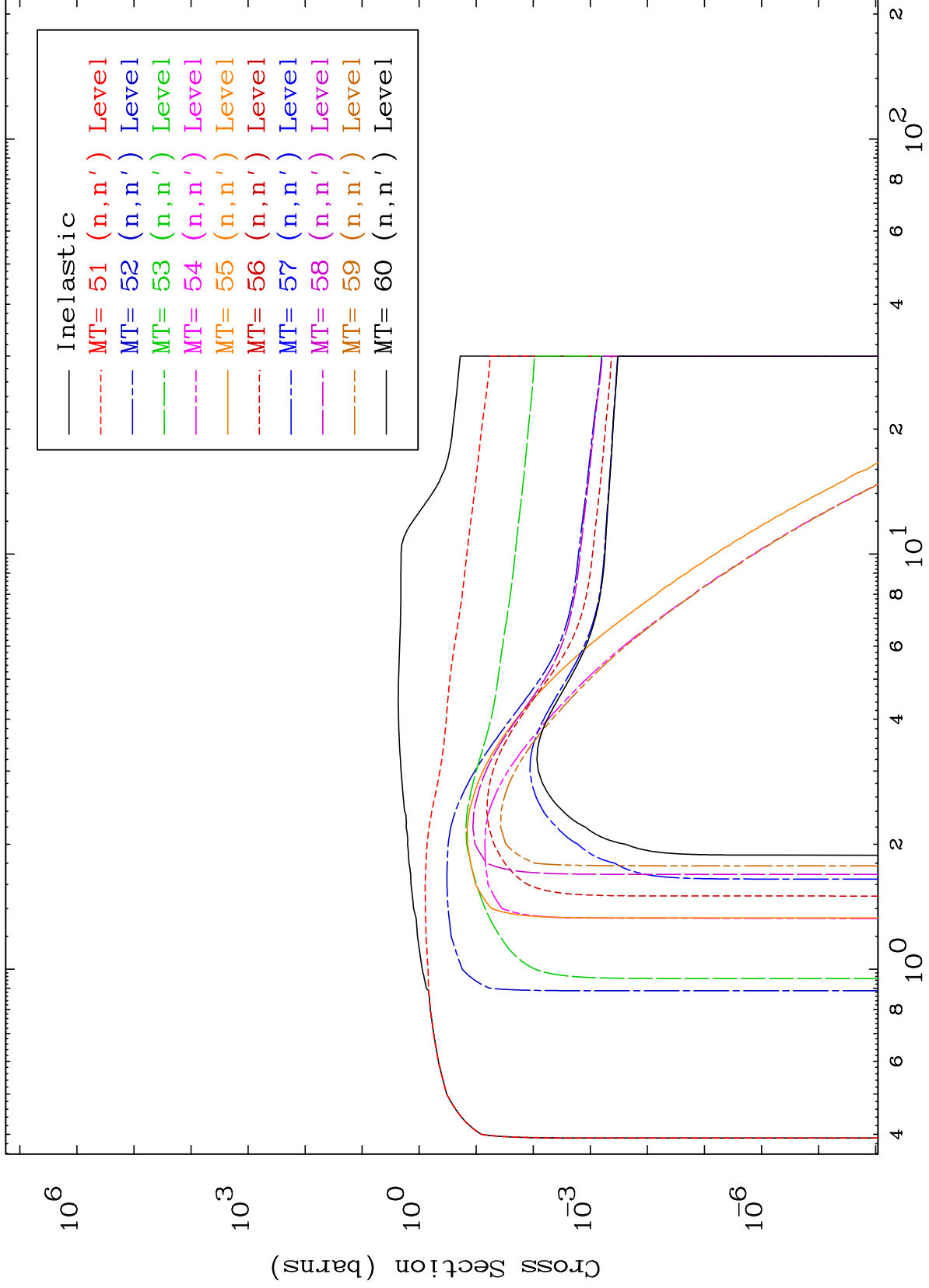








293 Kelvin Cross Sections

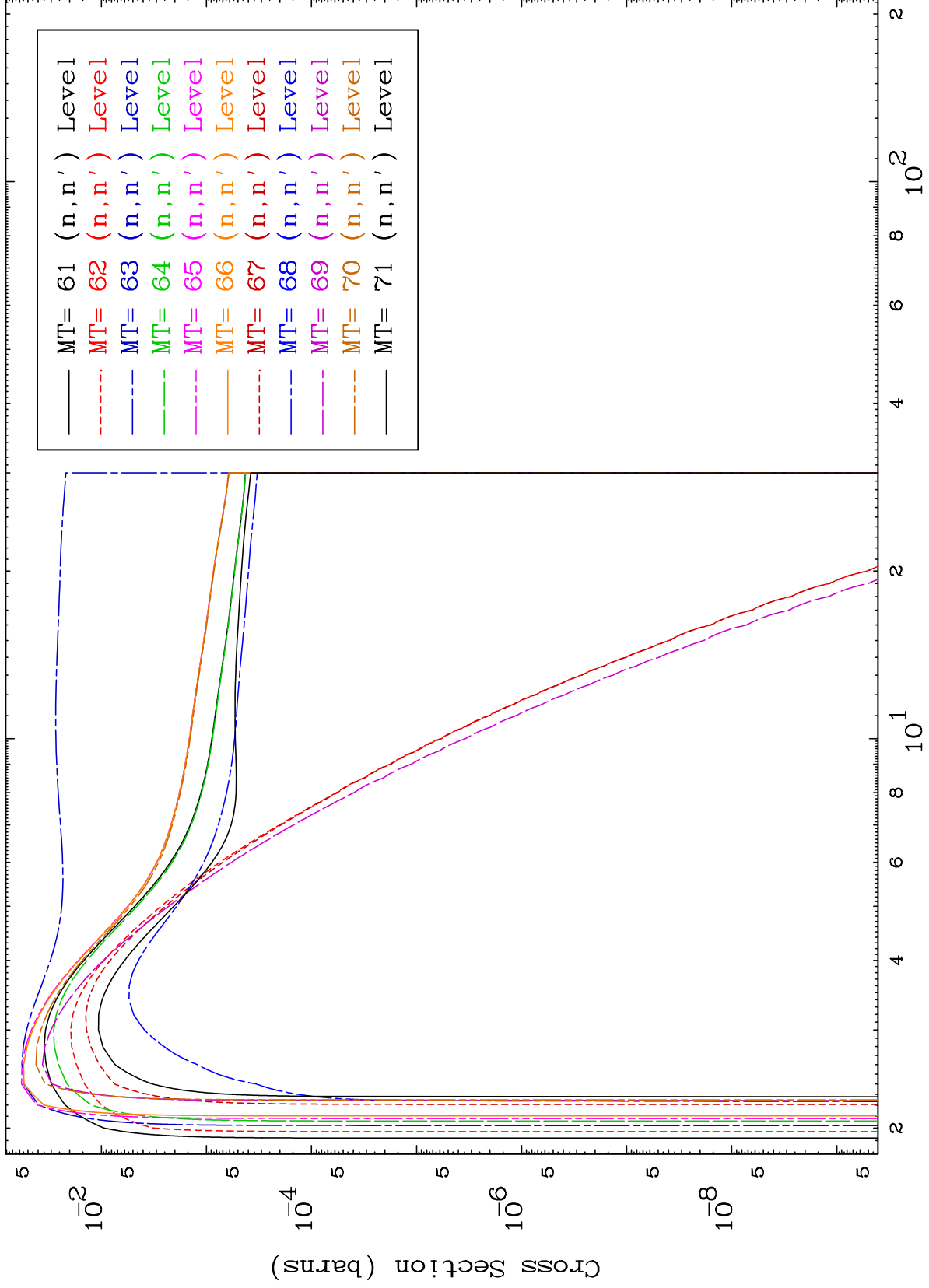


MAT 5431

(n,n') Level

54-Xe-126

293 Kelvin Cross Sections

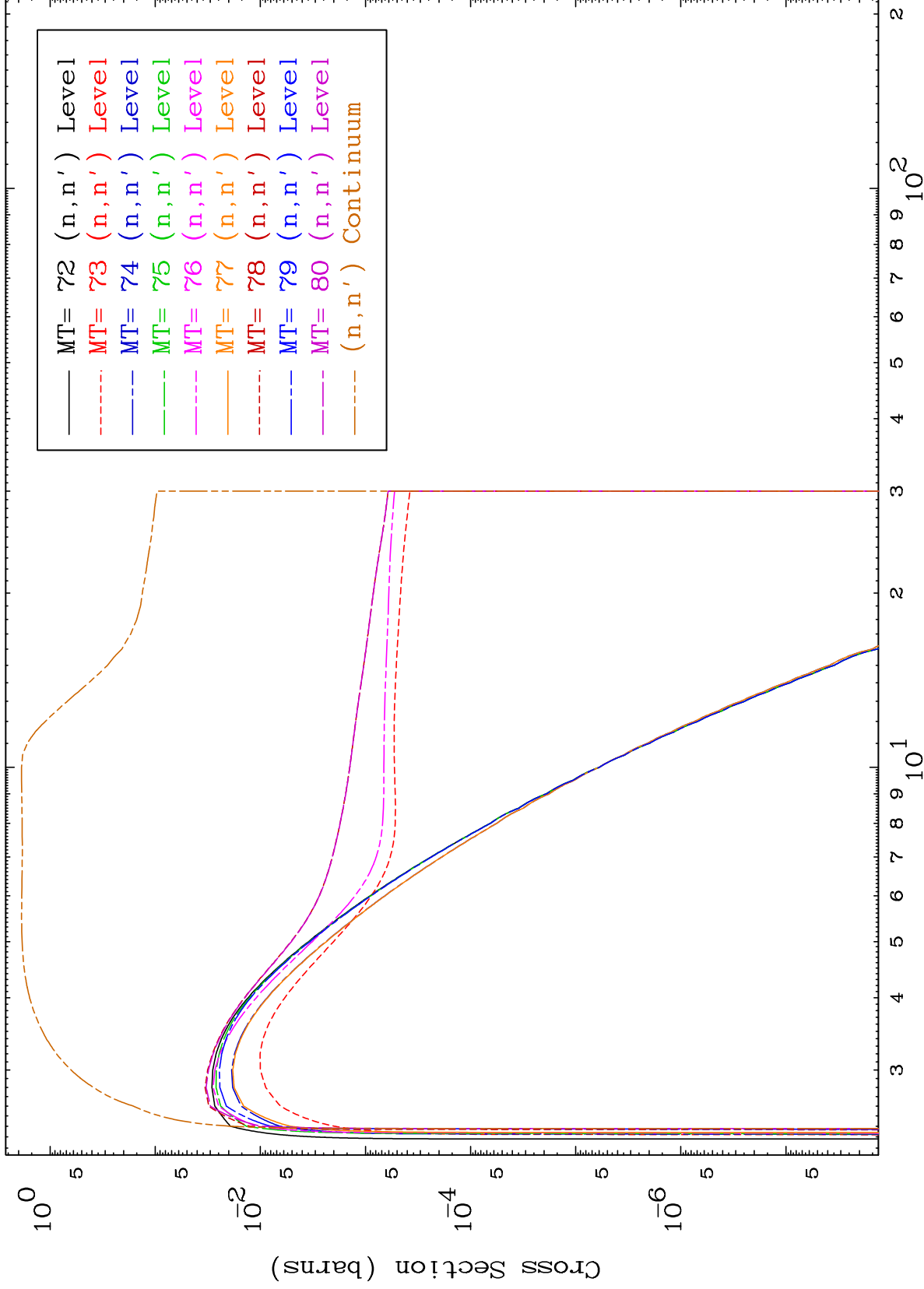


8

Incident Energy (MeV)

54-Xe-126

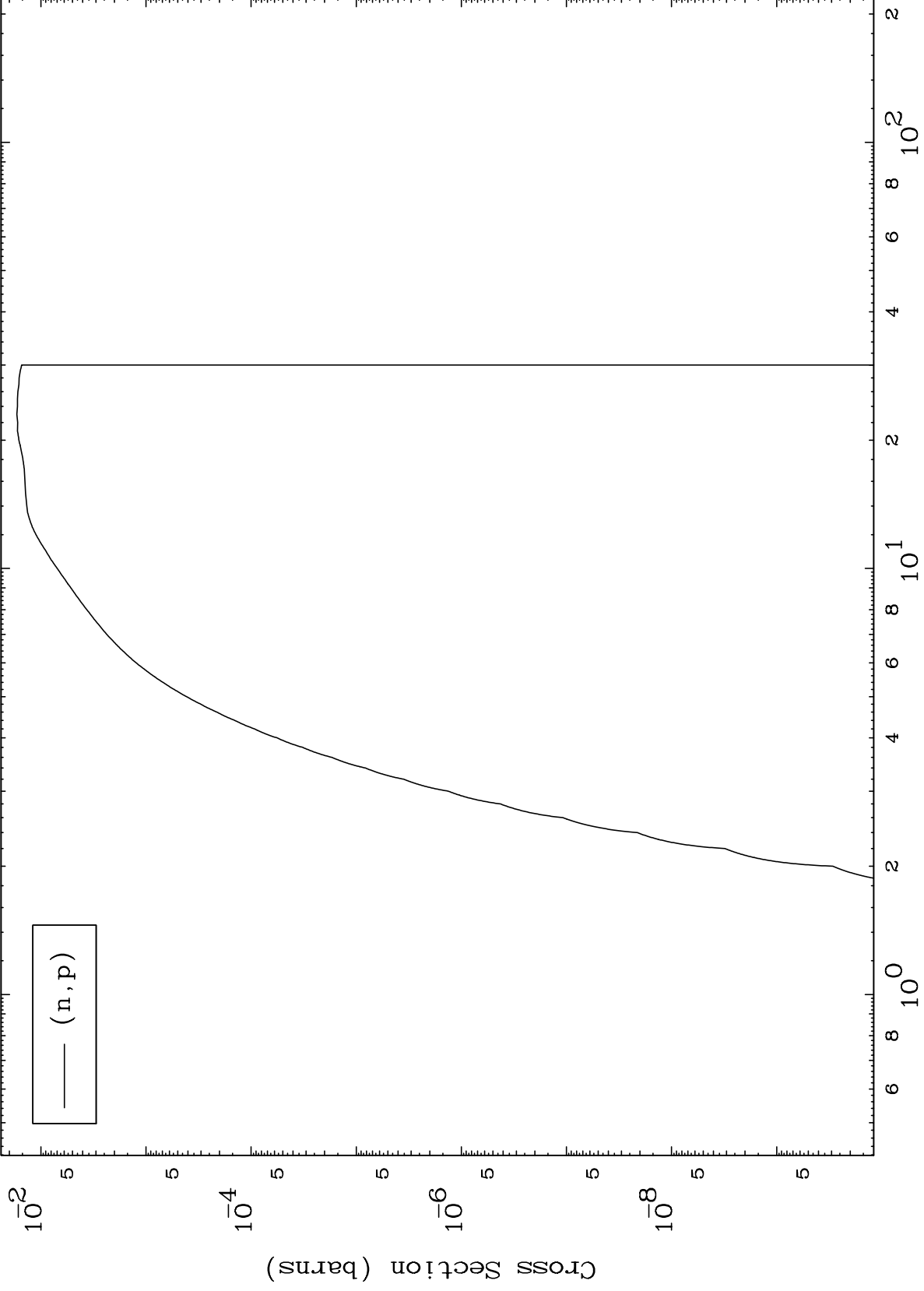
293 Kelvin Cross Sections



MAT 5431

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-126



10

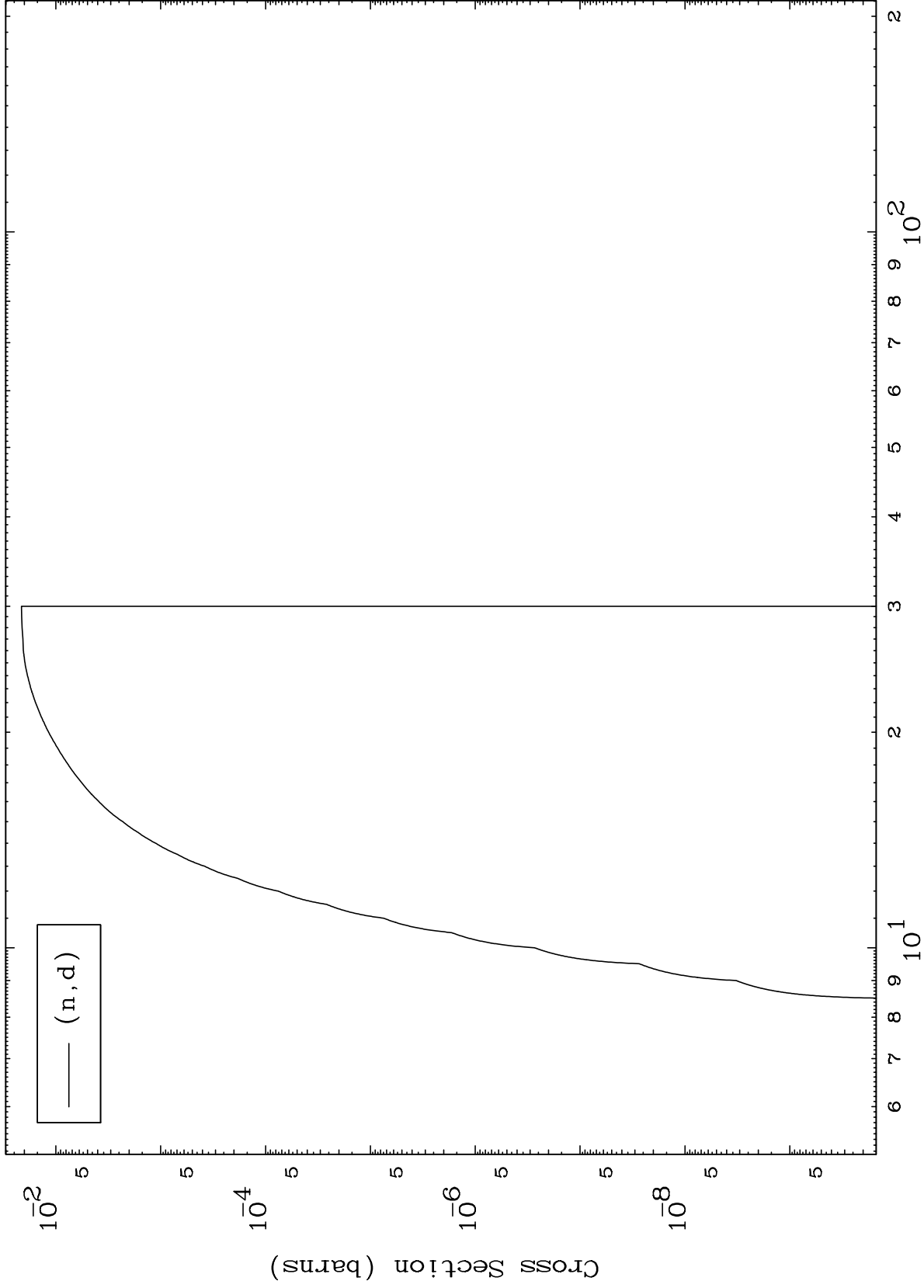
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-126



11

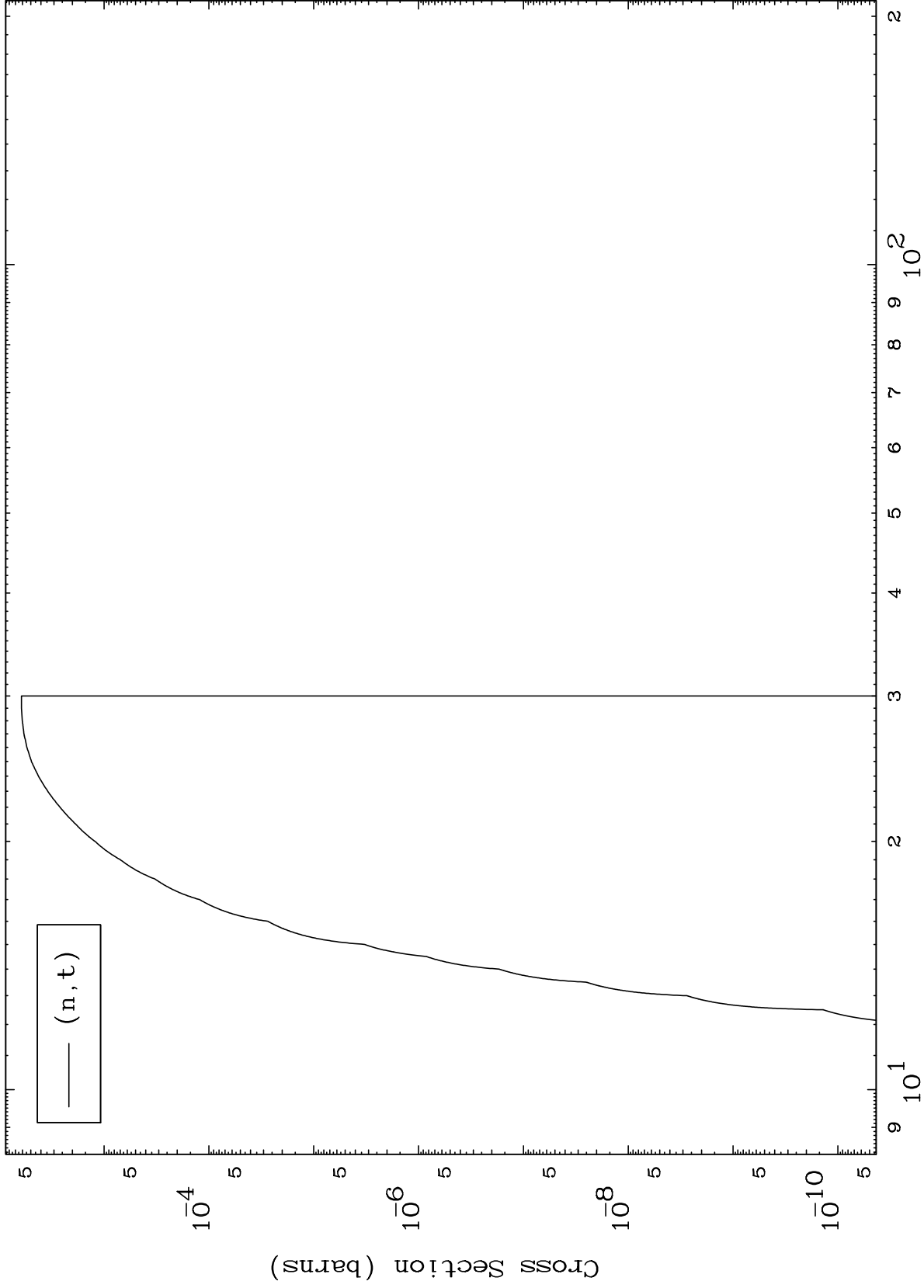
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,t) Levels
293 Kelvin Cross Sections

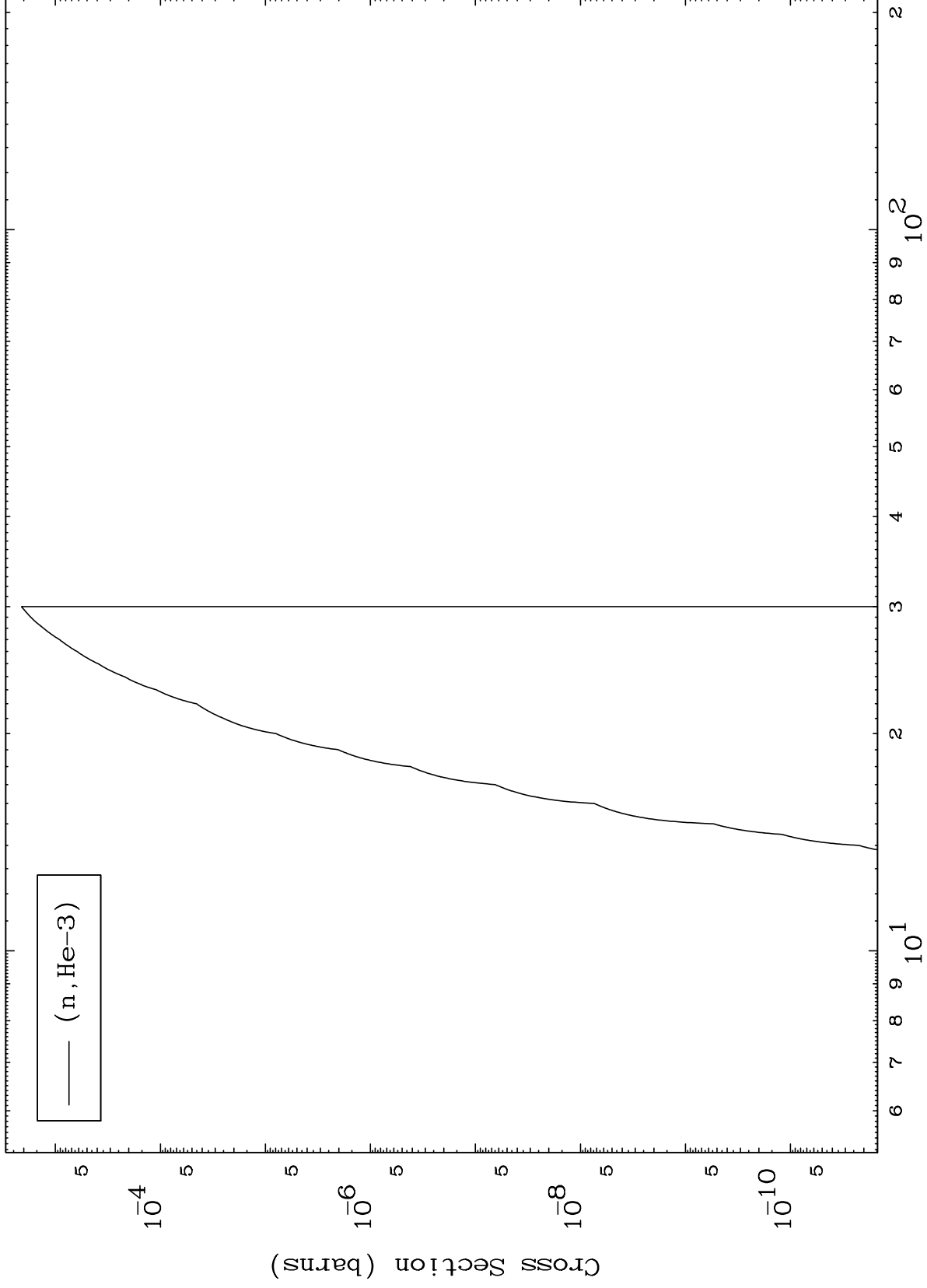
54-Xe-126



12

Incident Energy (MeV)

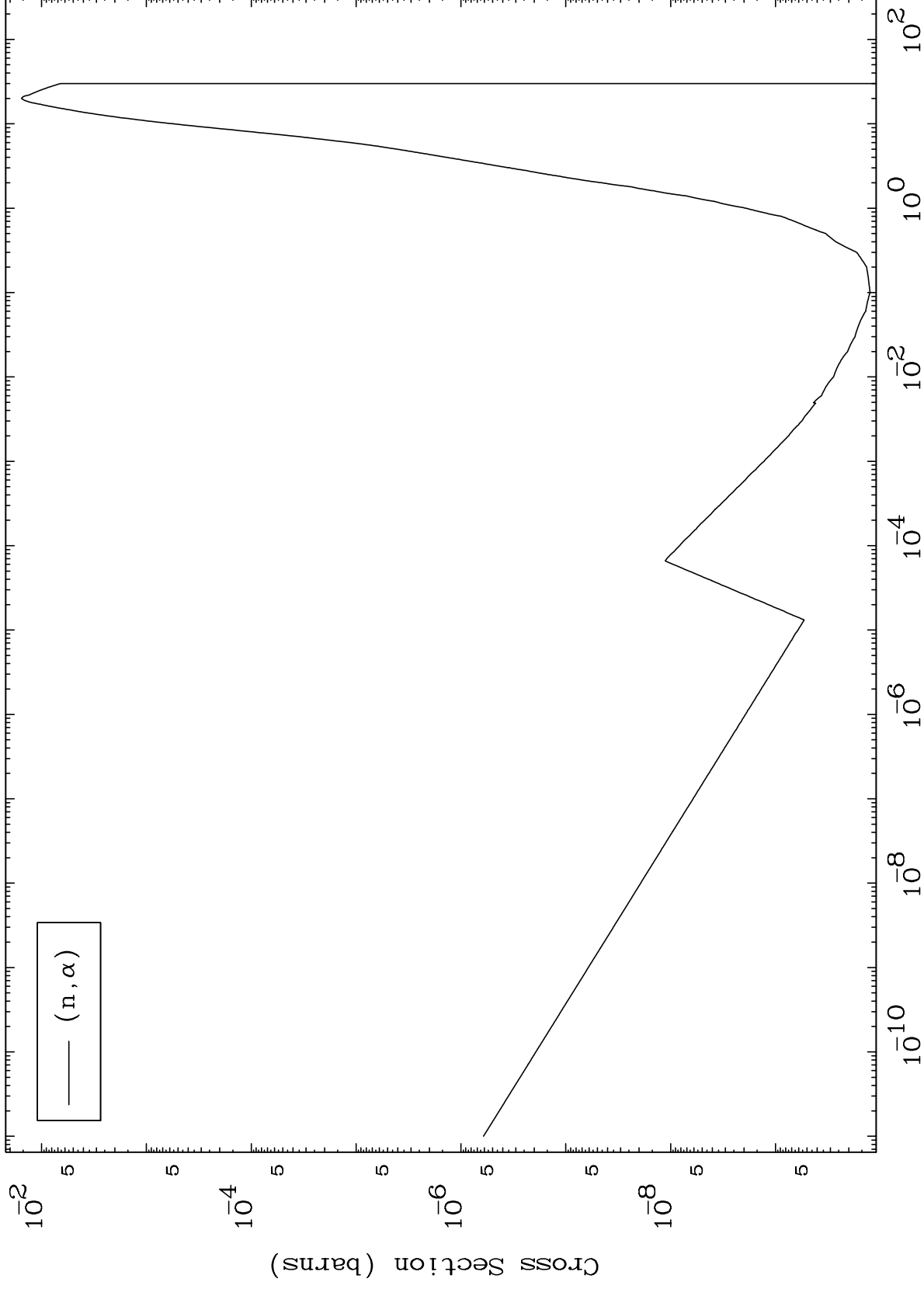
54-Xe-126



MAT 5431

(n, α) Levels
293 Kelvin Cross Sections

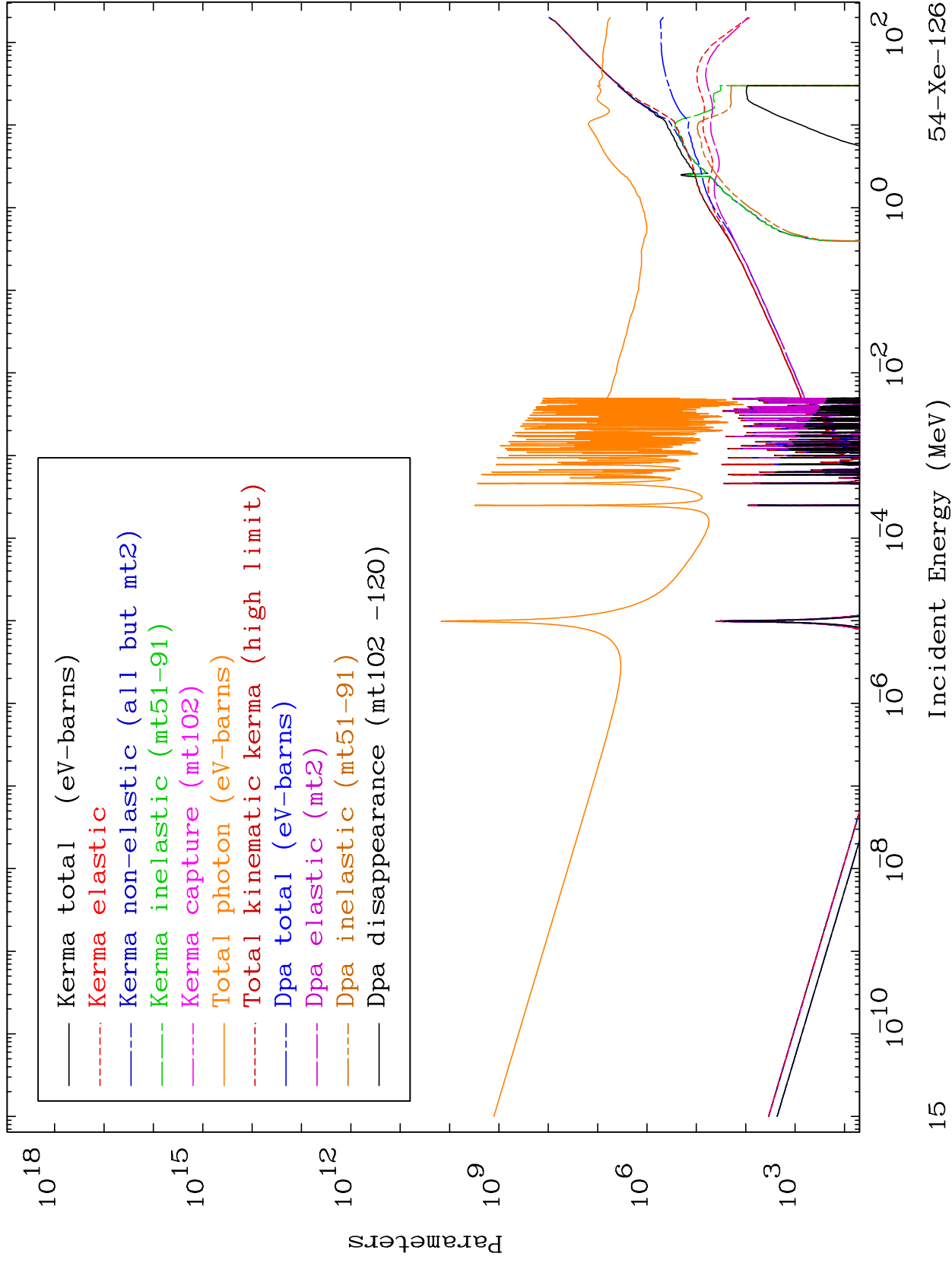
54-Xe-126



14

Incident Energy (MeV)

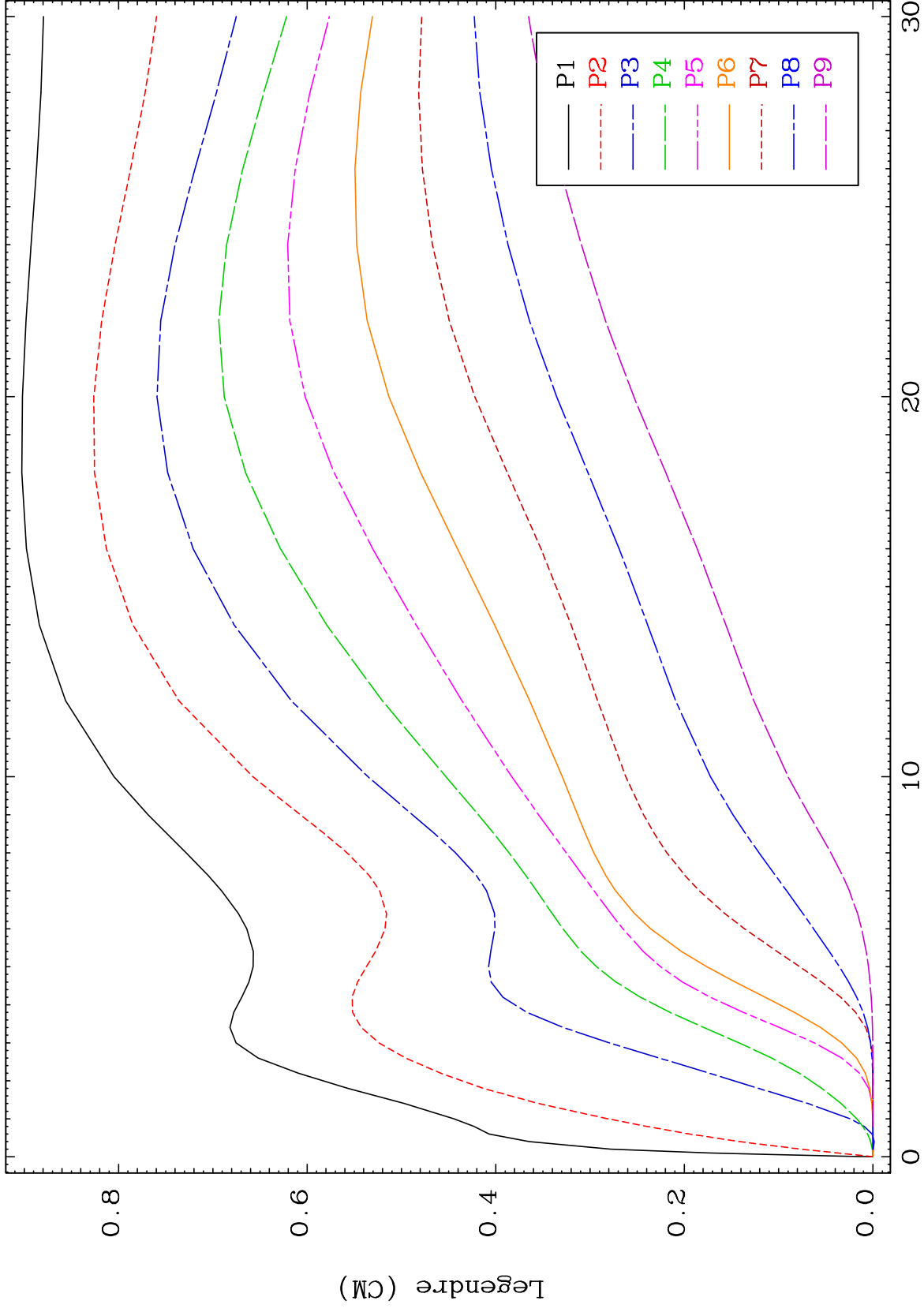
54-Xe-126



MAT 5431

54-Xe-126

Elastic Legendre Coefficients



16

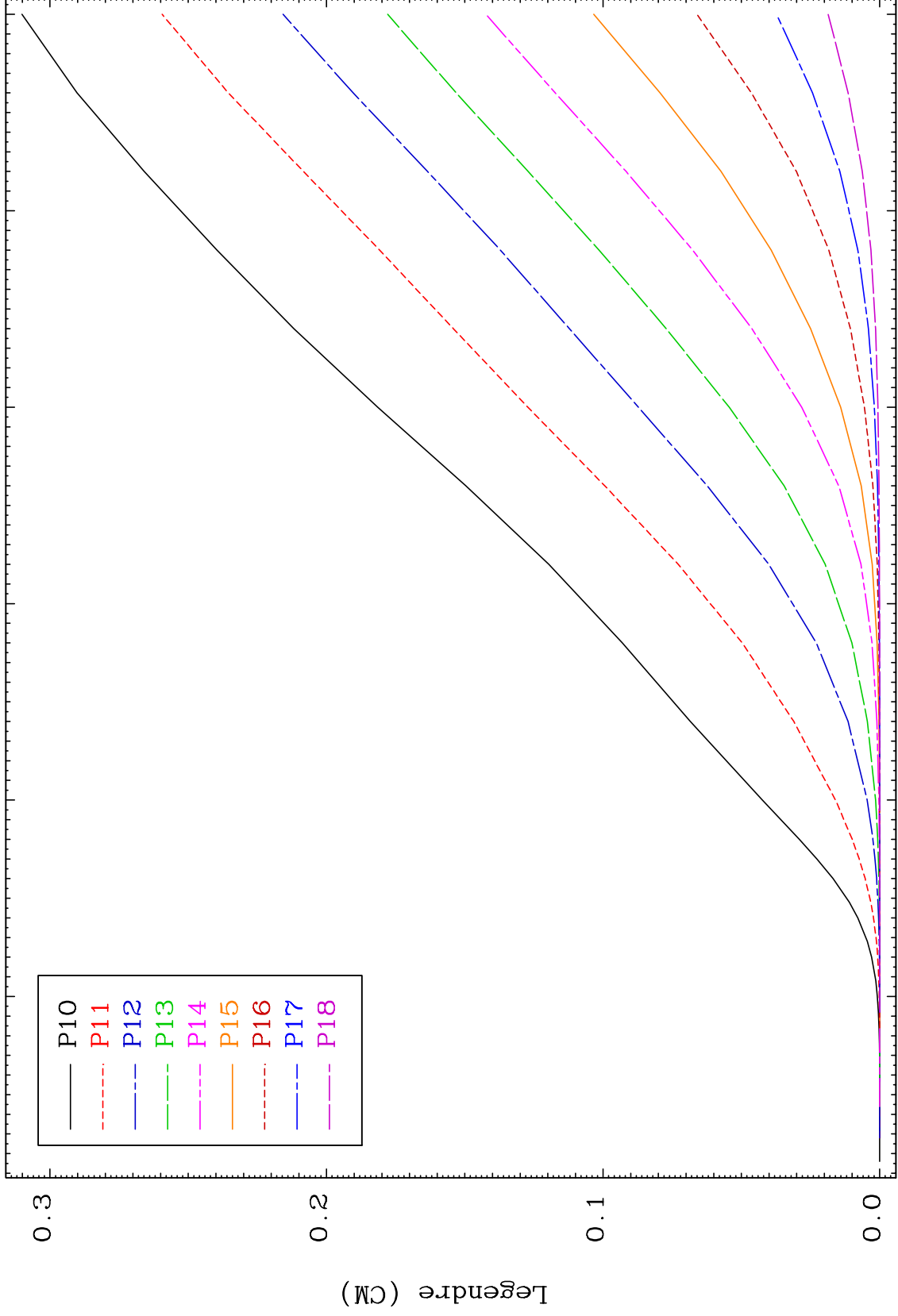
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic Legendre Coefficients

54-Xe-126



17

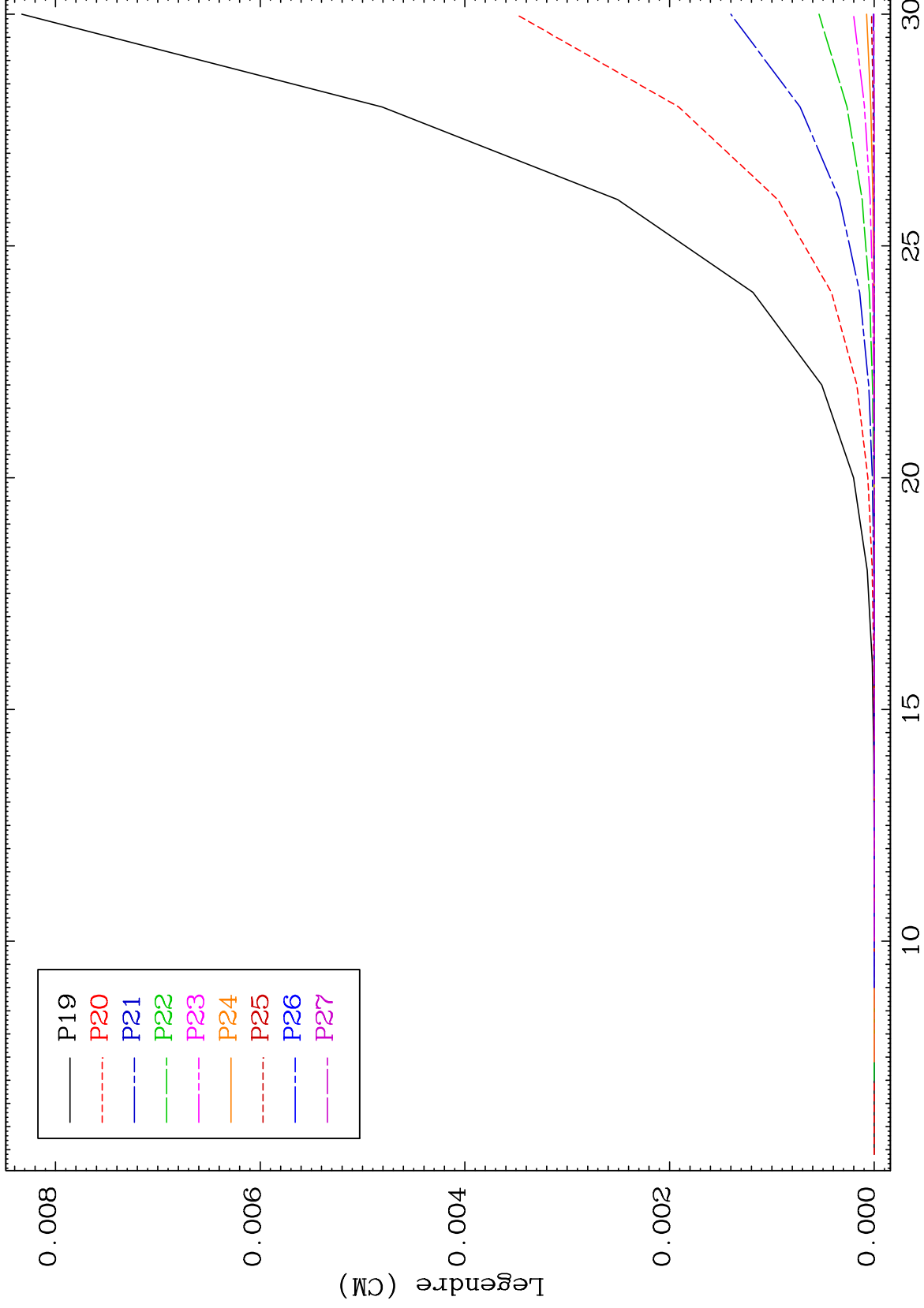
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic
Legendre Coefficients

54-Xe-126



18

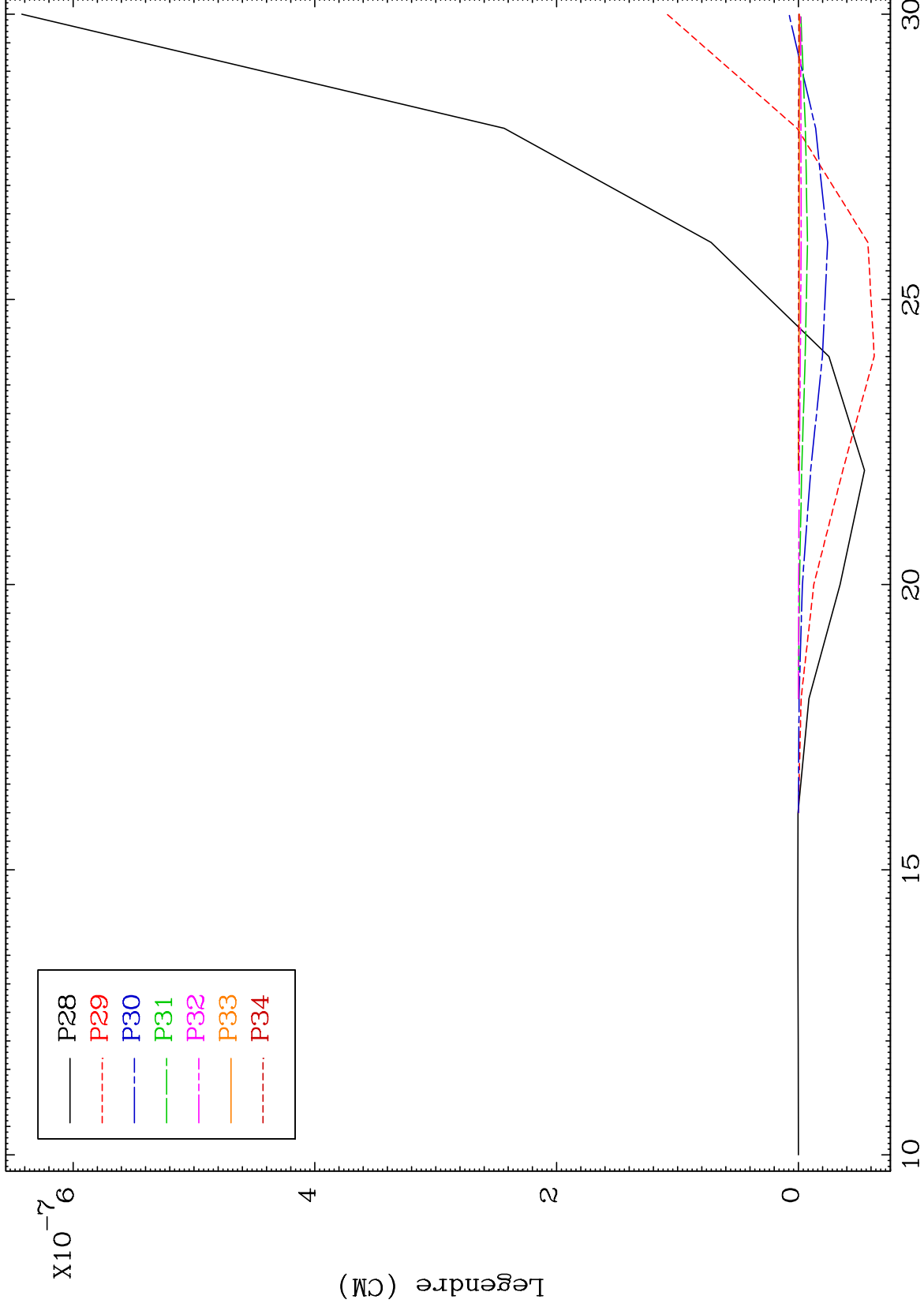
Incident Energy (MeV)

54-Xe-126

MAT 5431

Elastic
Legendre Coefficients

54-Xe-126



19

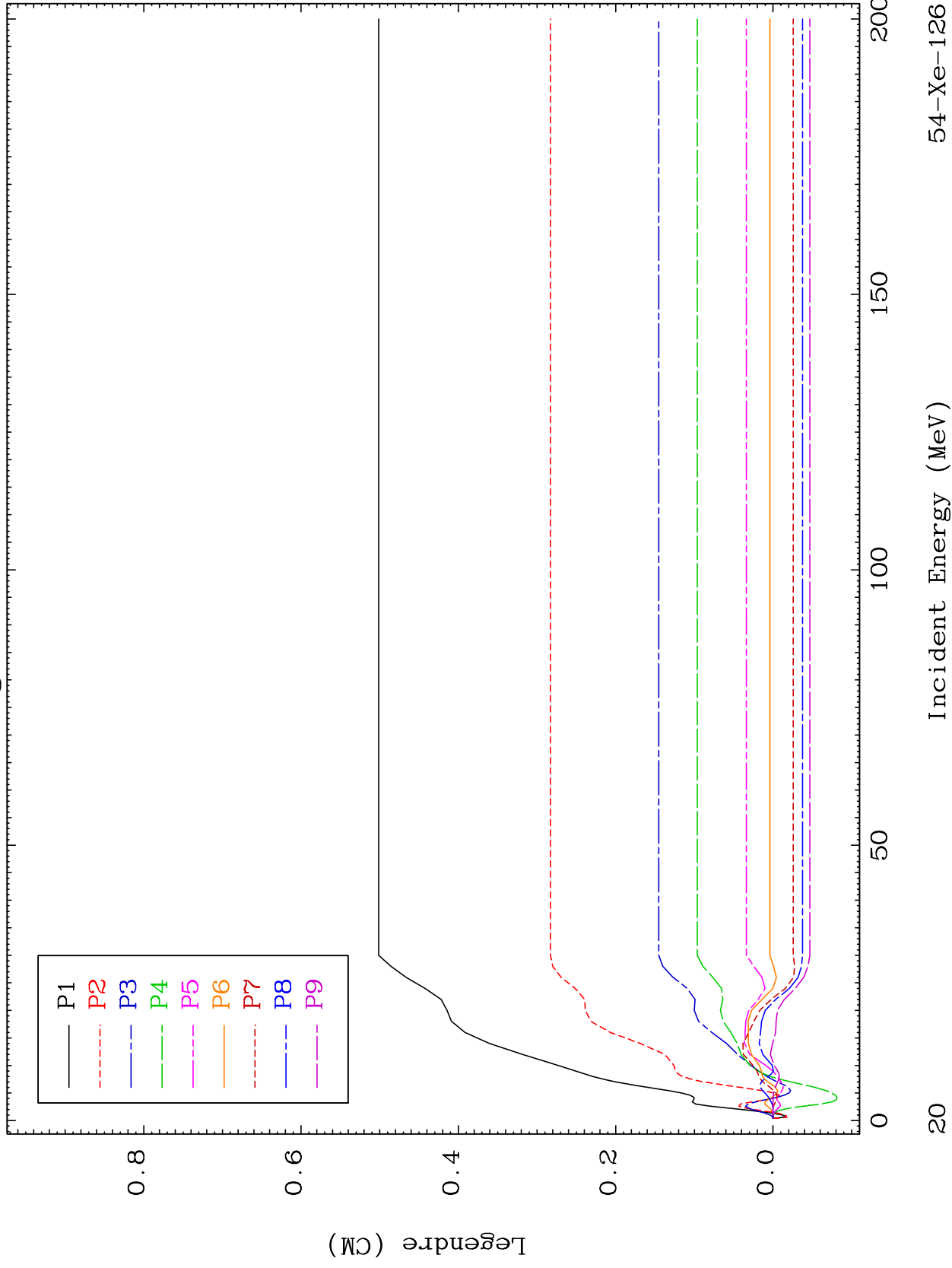
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

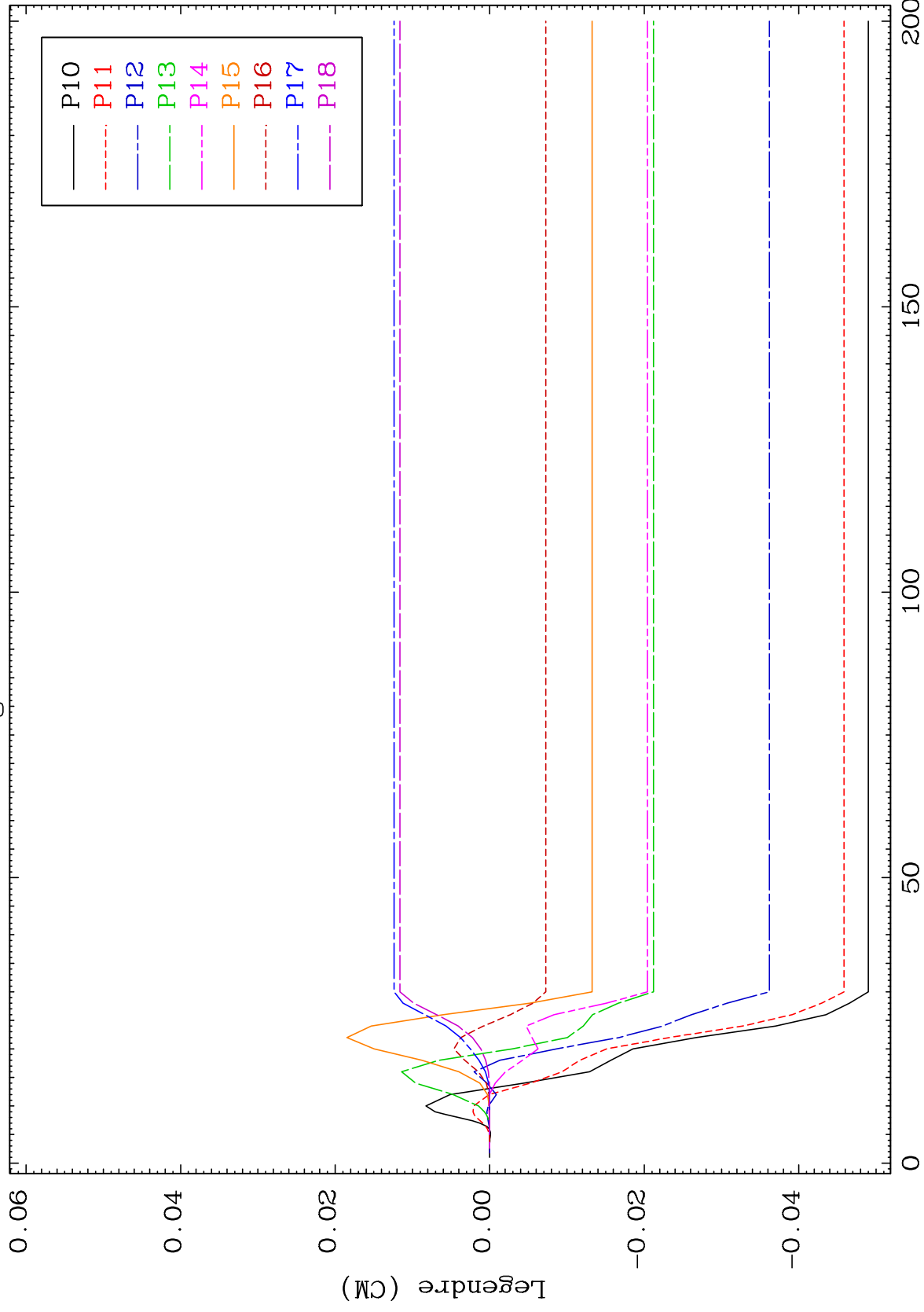
54-Xe-126



MAT 5431

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

54-Xe-126



21

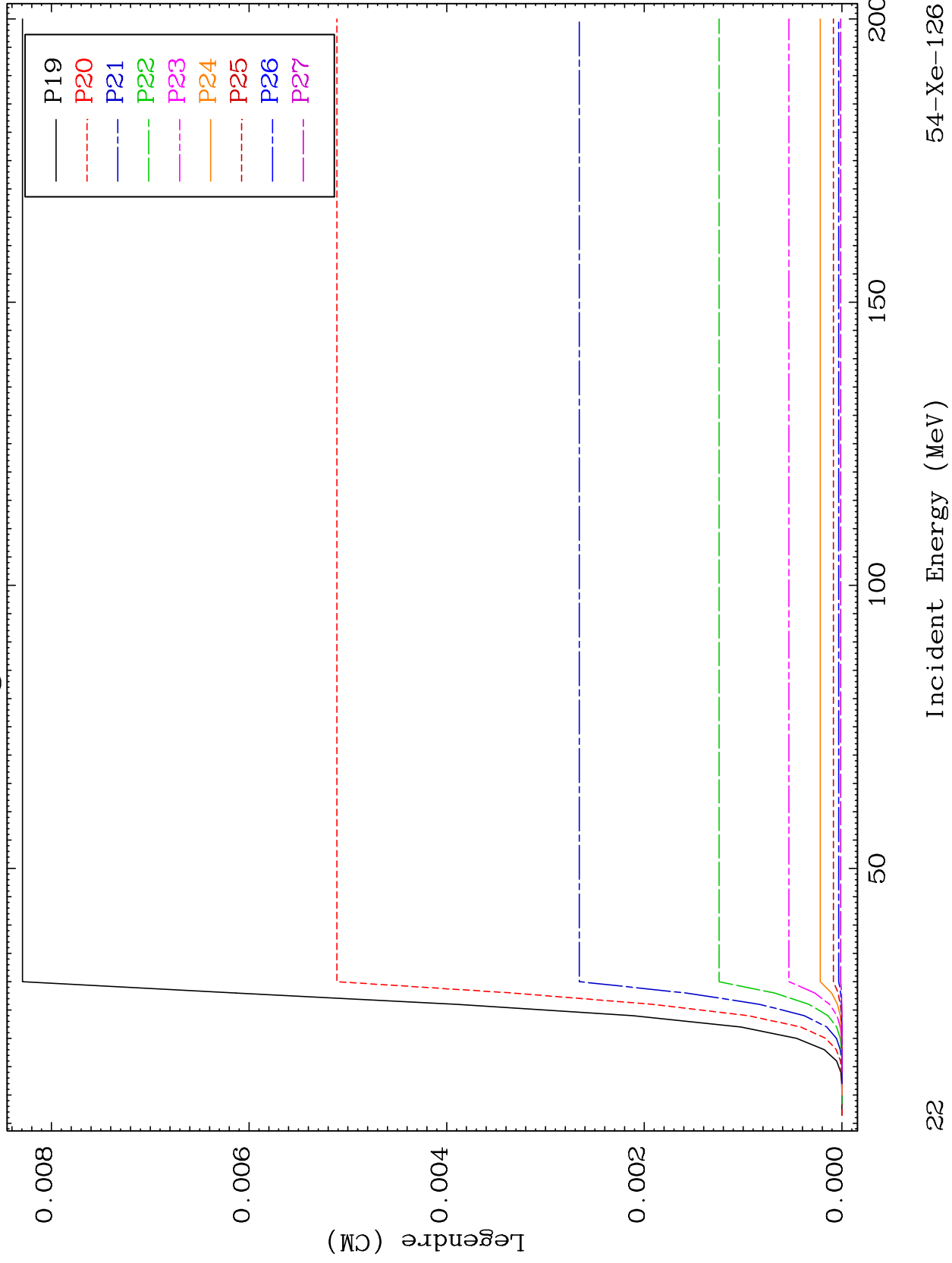
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



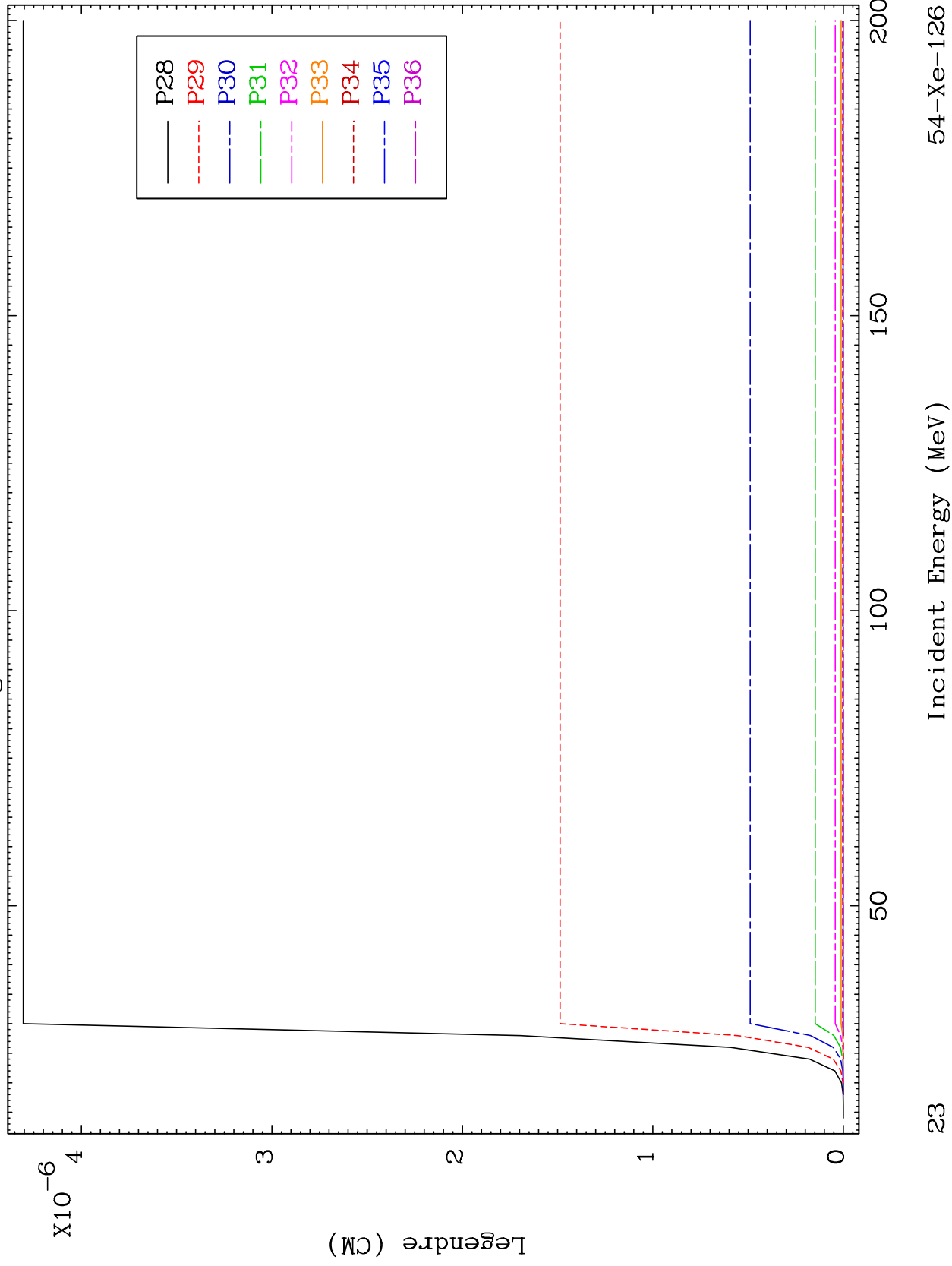
22

54-Xe-126

MAT 5431

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

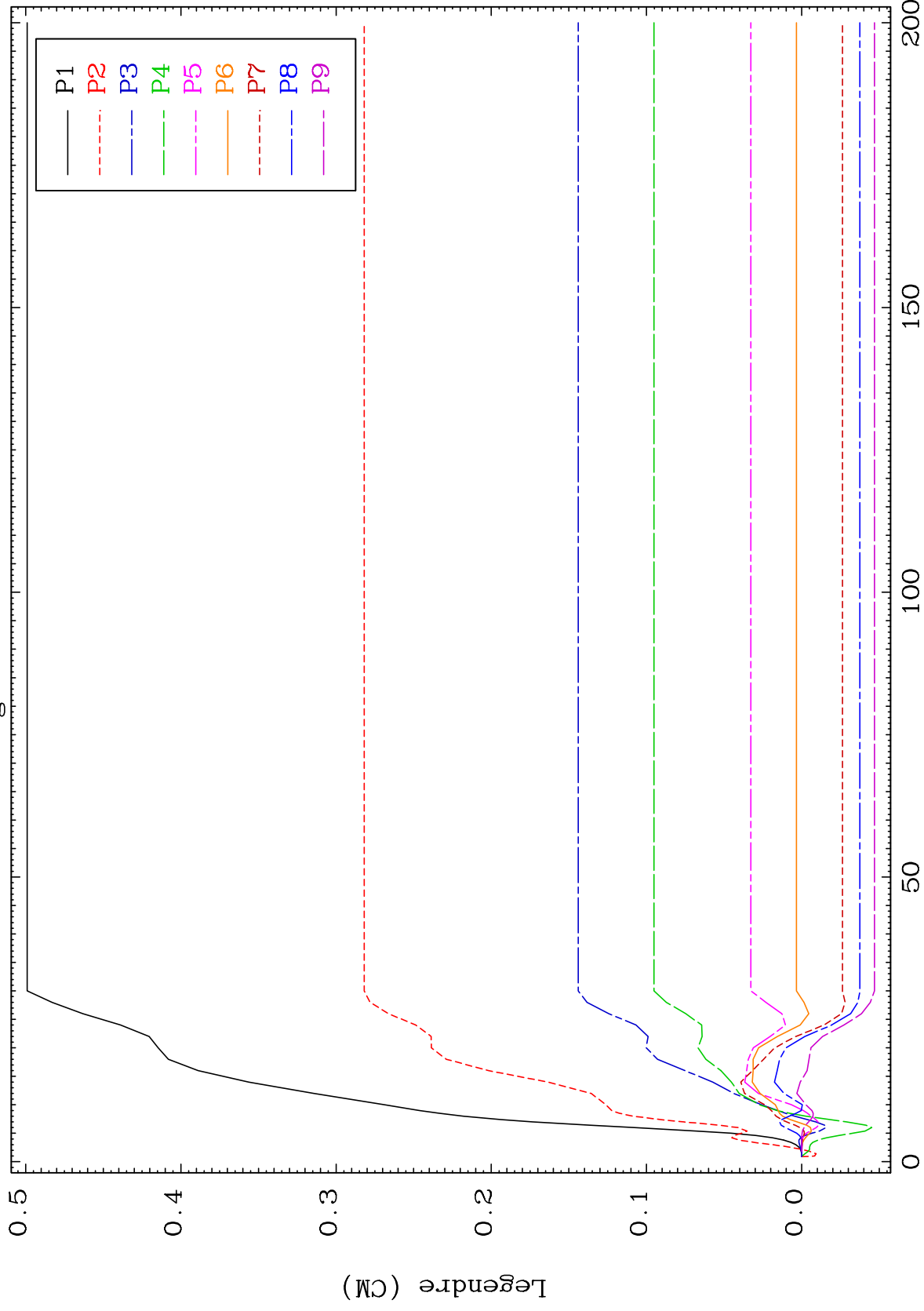
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

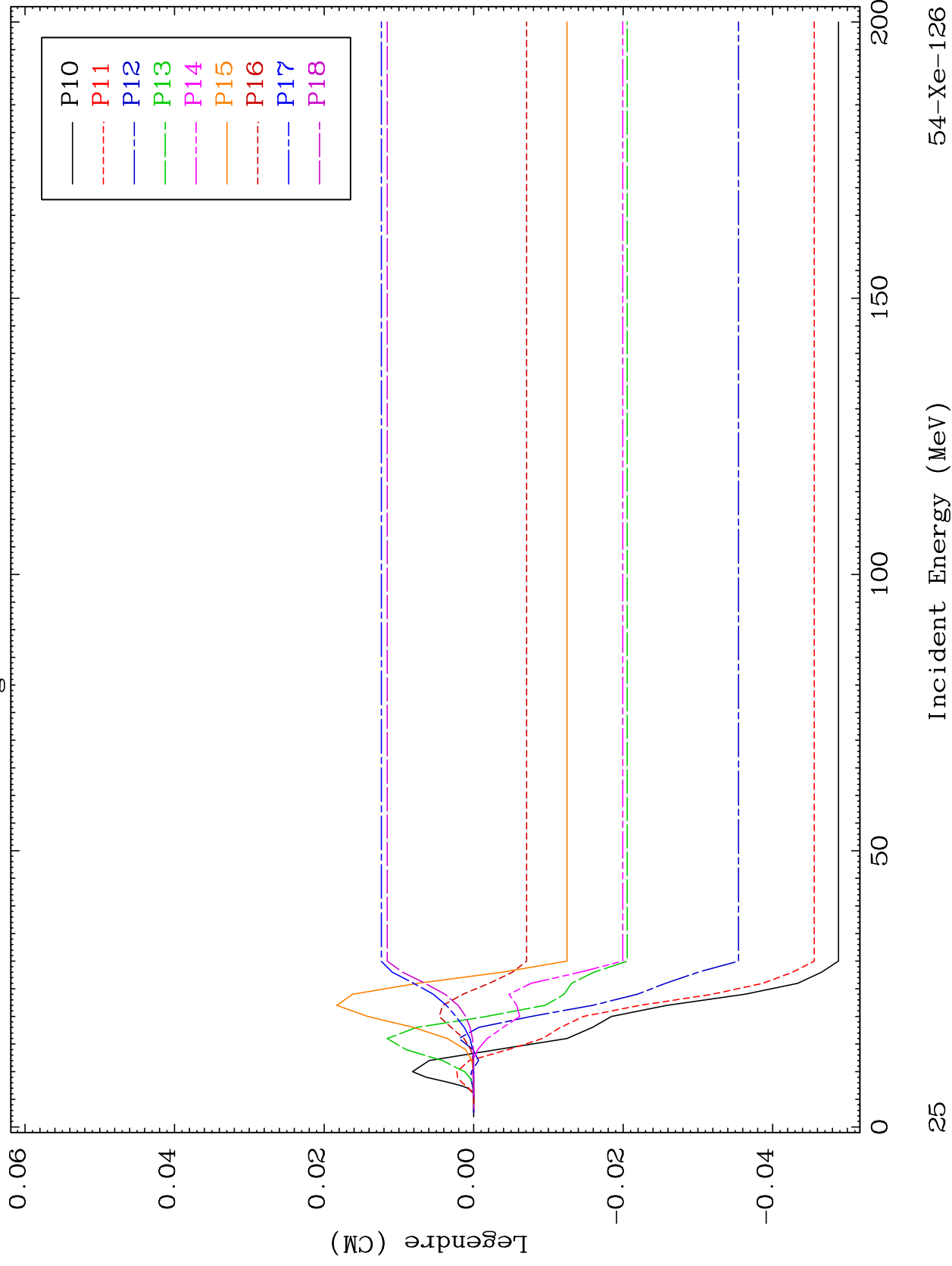
Incident Energy (MeV)

24

MAT 5431

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

54-Xe-126



54-Xe-126

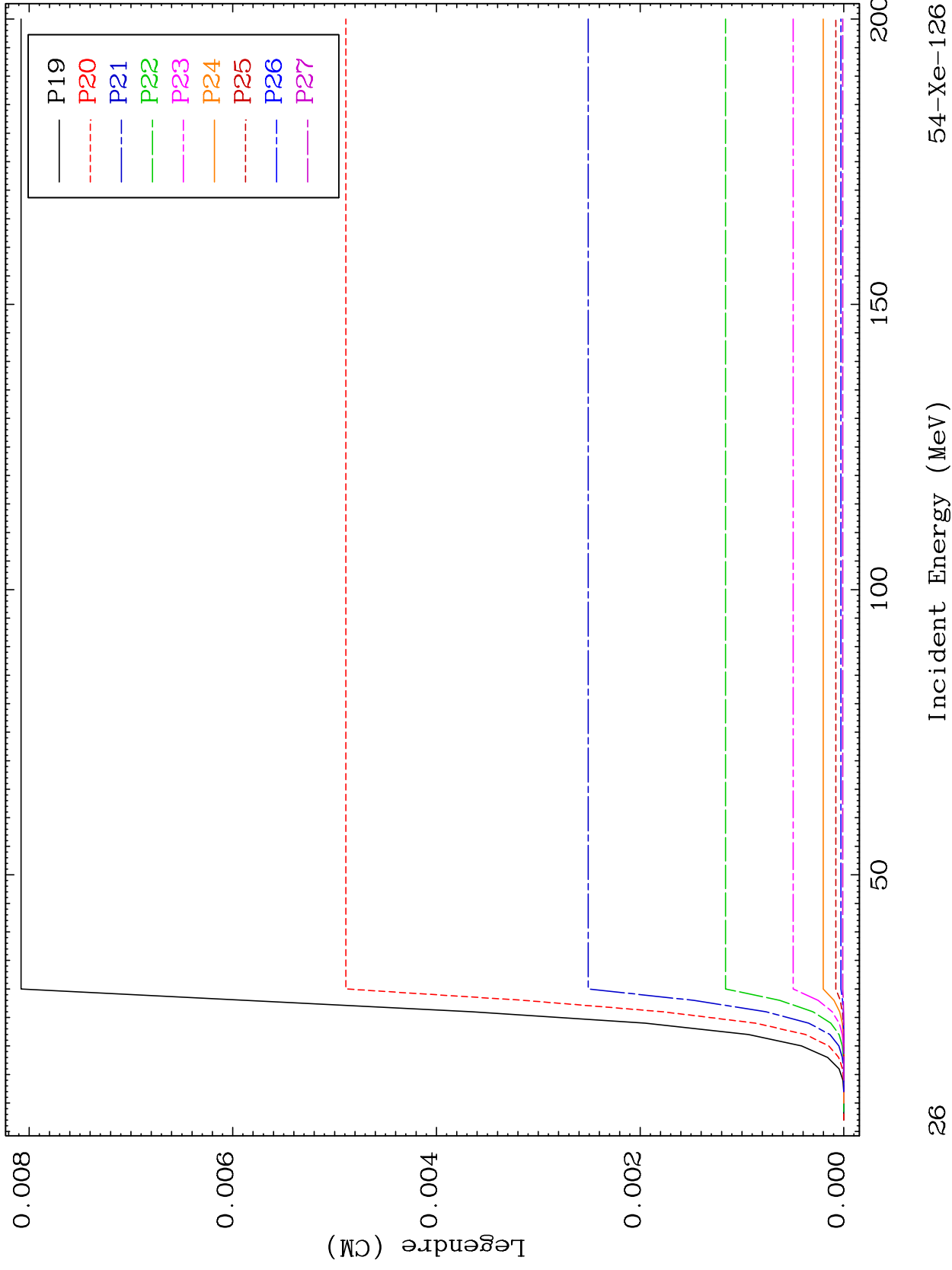
Incident Energy (MeV)

25

MAT 5431

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

54-Xe-126



26

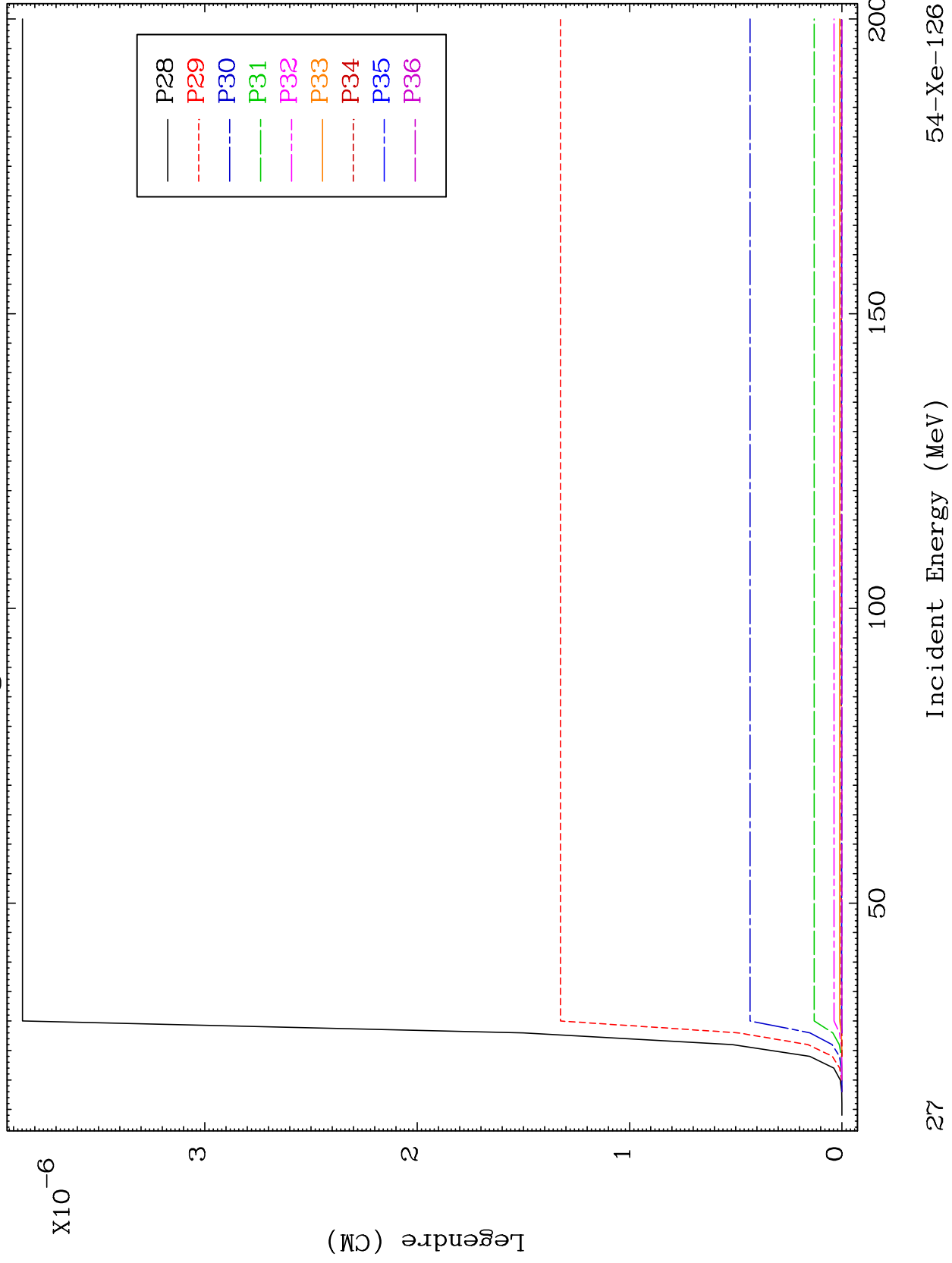
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

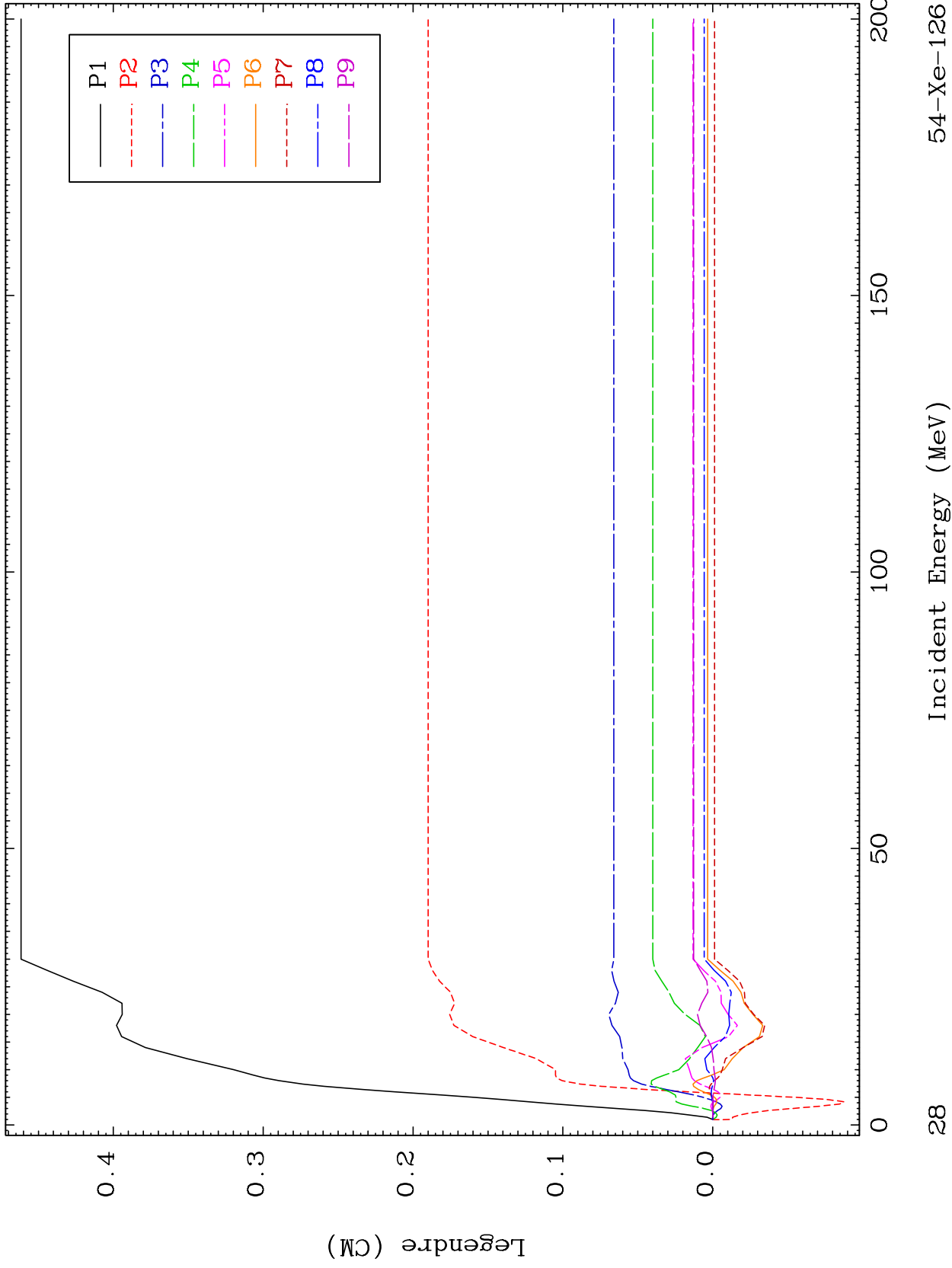
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

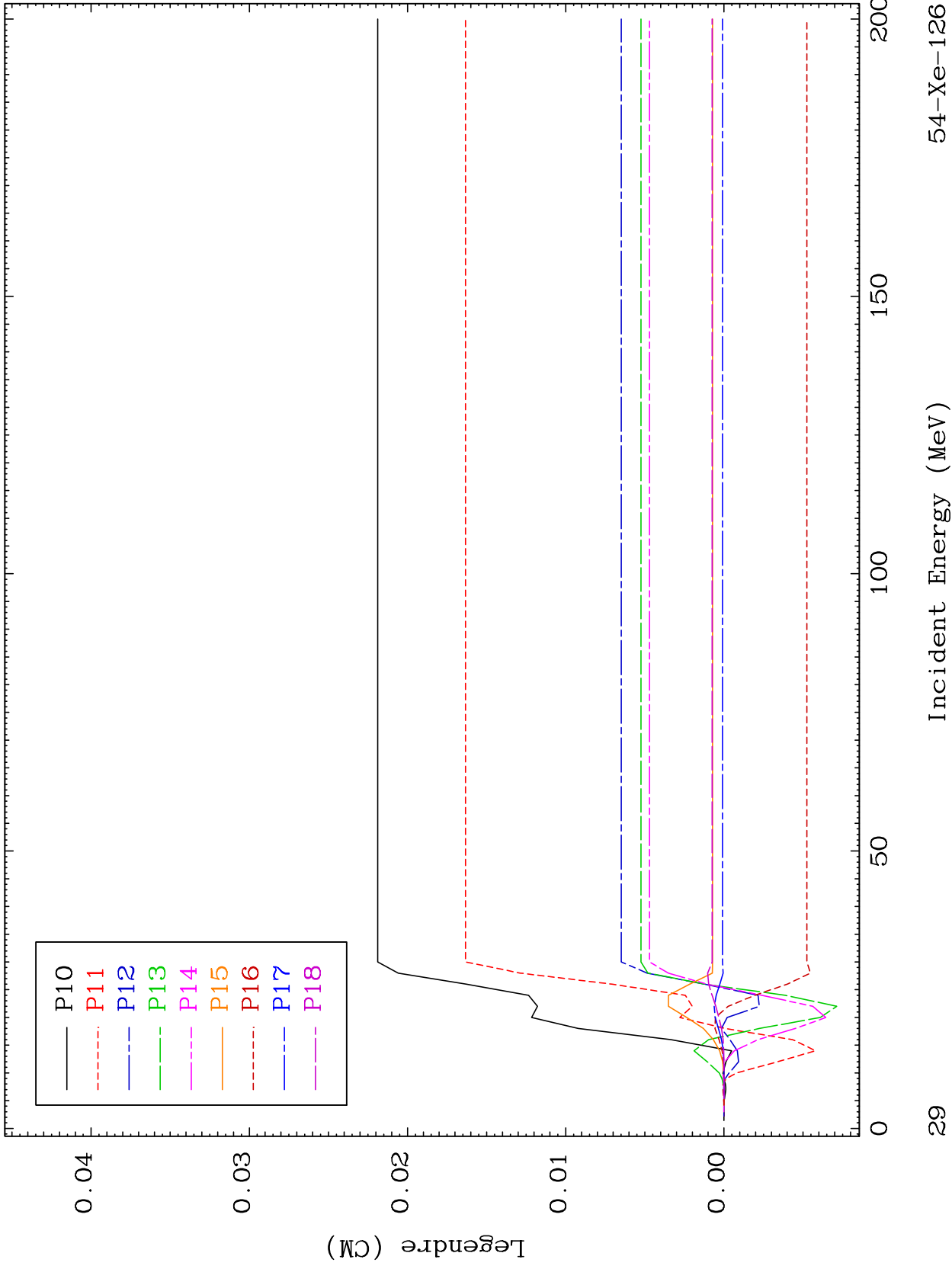
Incident Energy (MeV)

28

MAT 5431

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

54-Xe-126



29

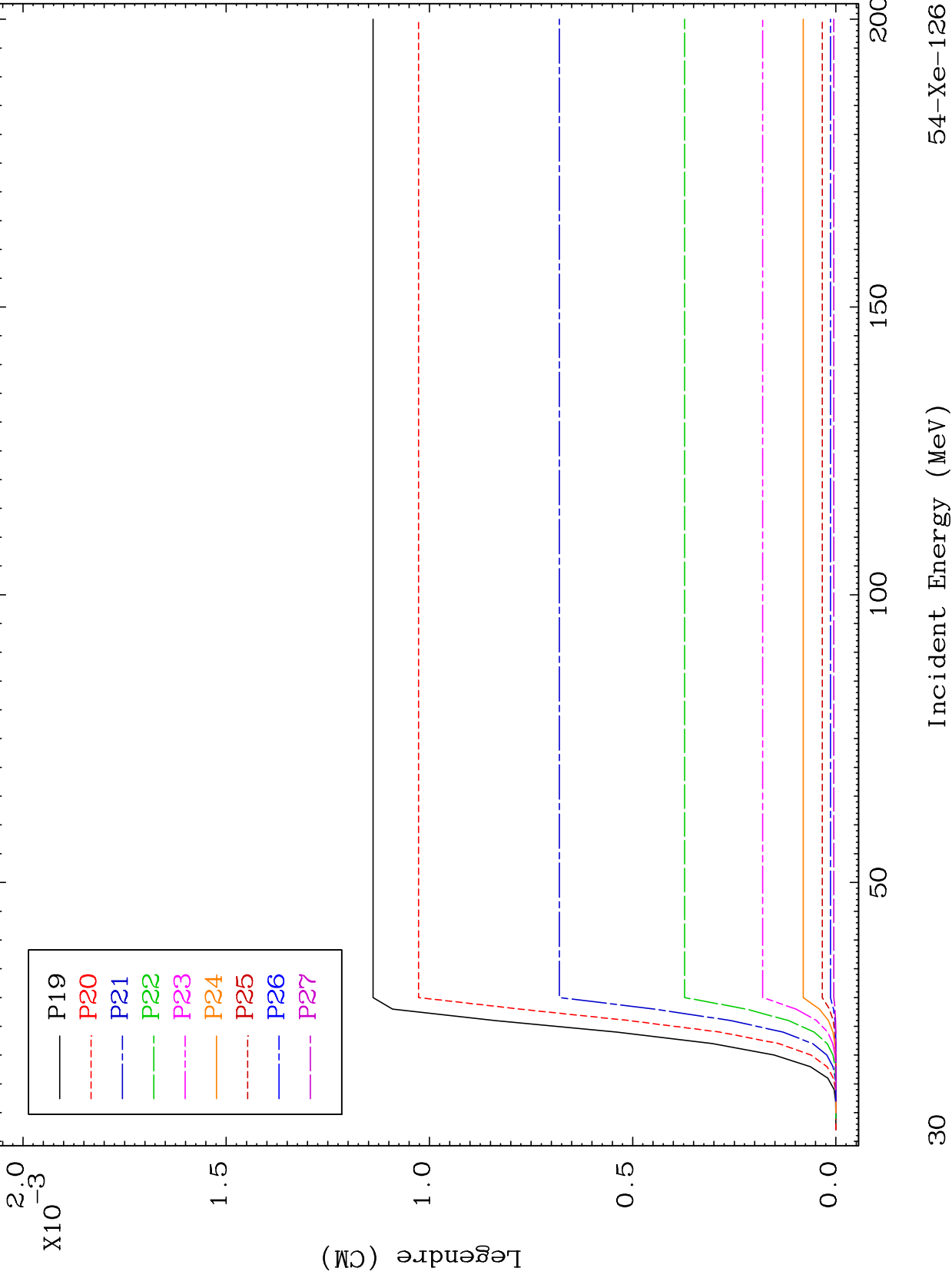
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



30

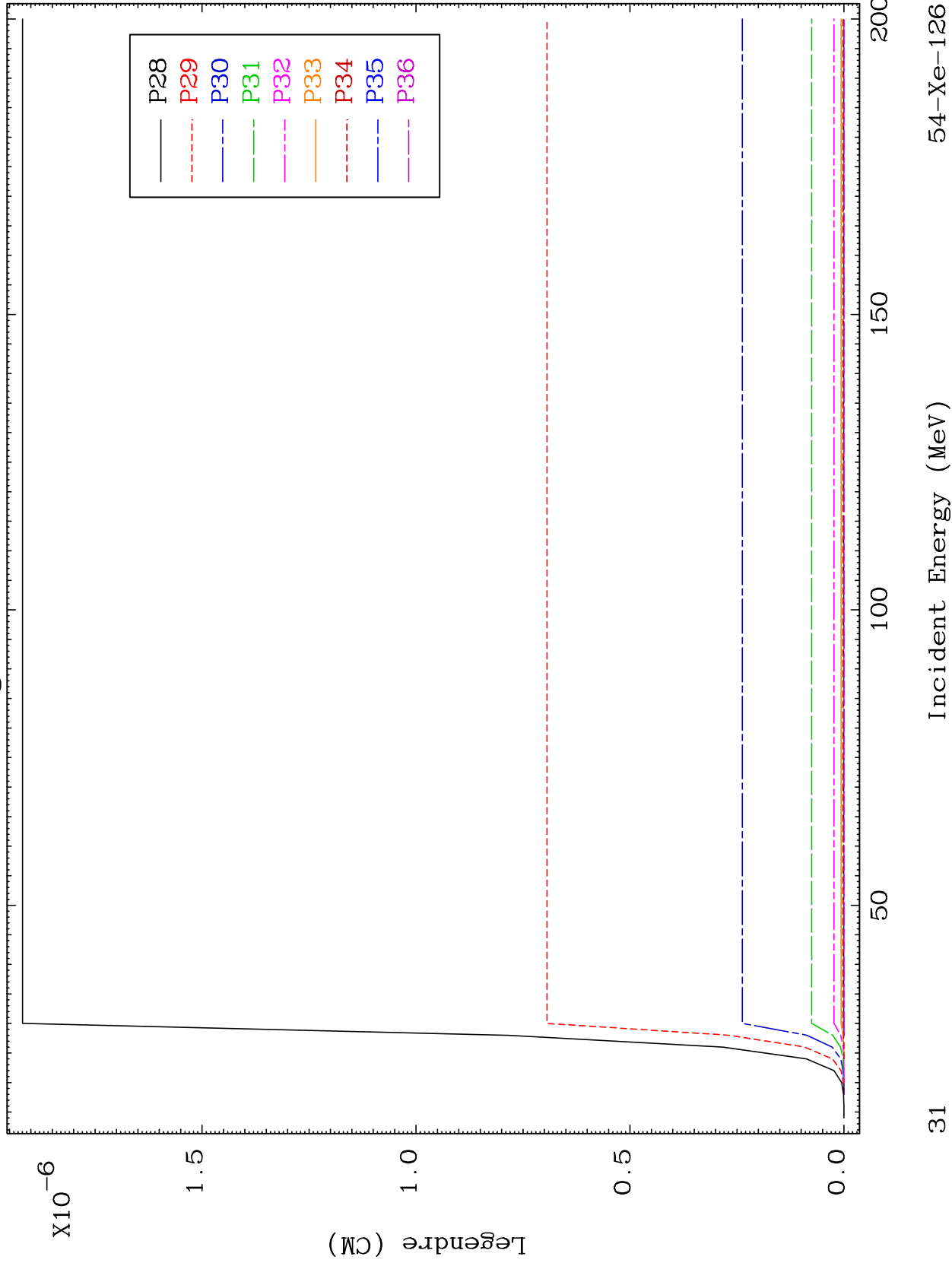
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

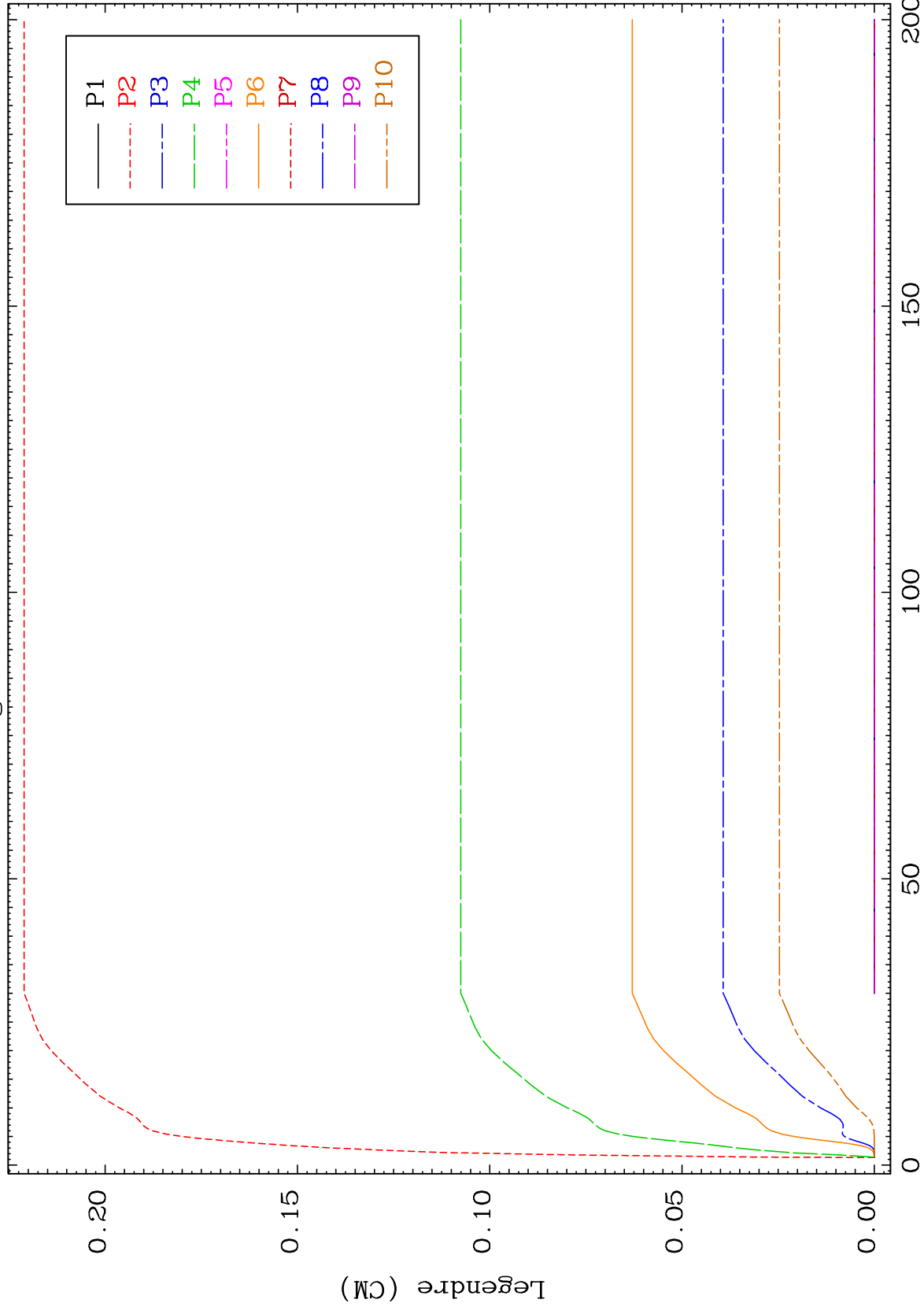
54-Xe-126



MAT 5431

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

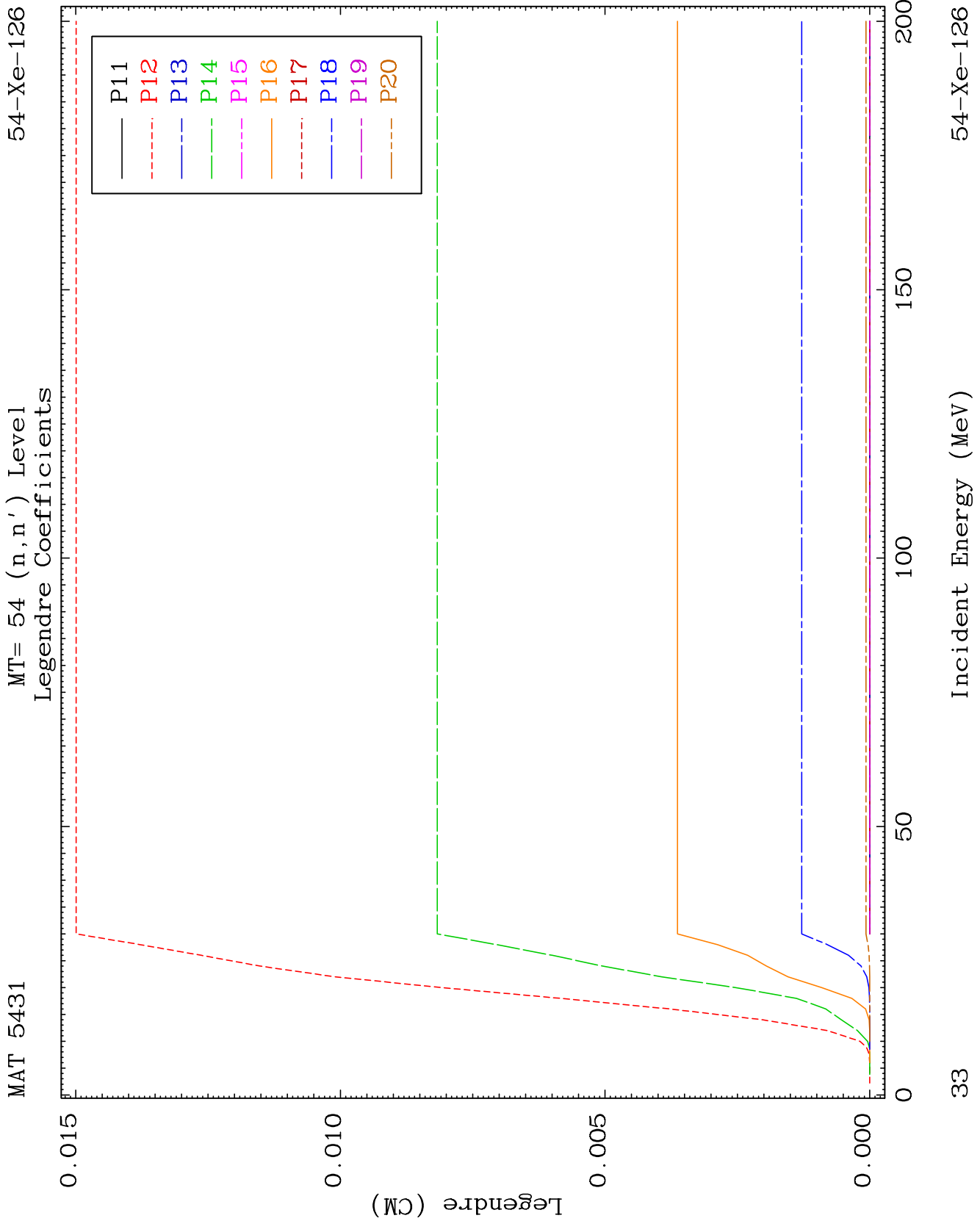
54-Xe-126



54-Xe-126

Incident Energy (MeV)

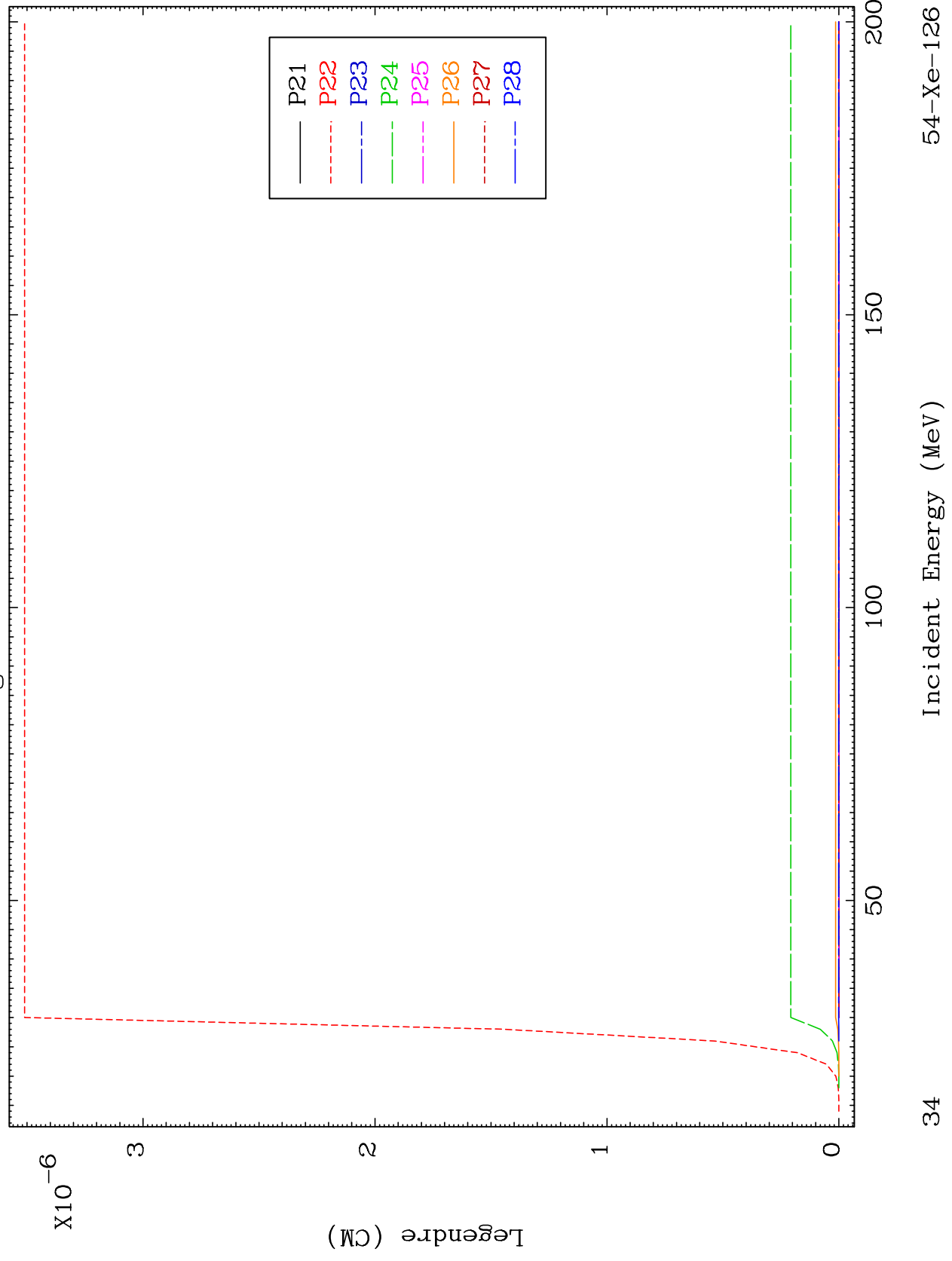
32



MAT 5431

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

54-Xe-126



54-Xe-126

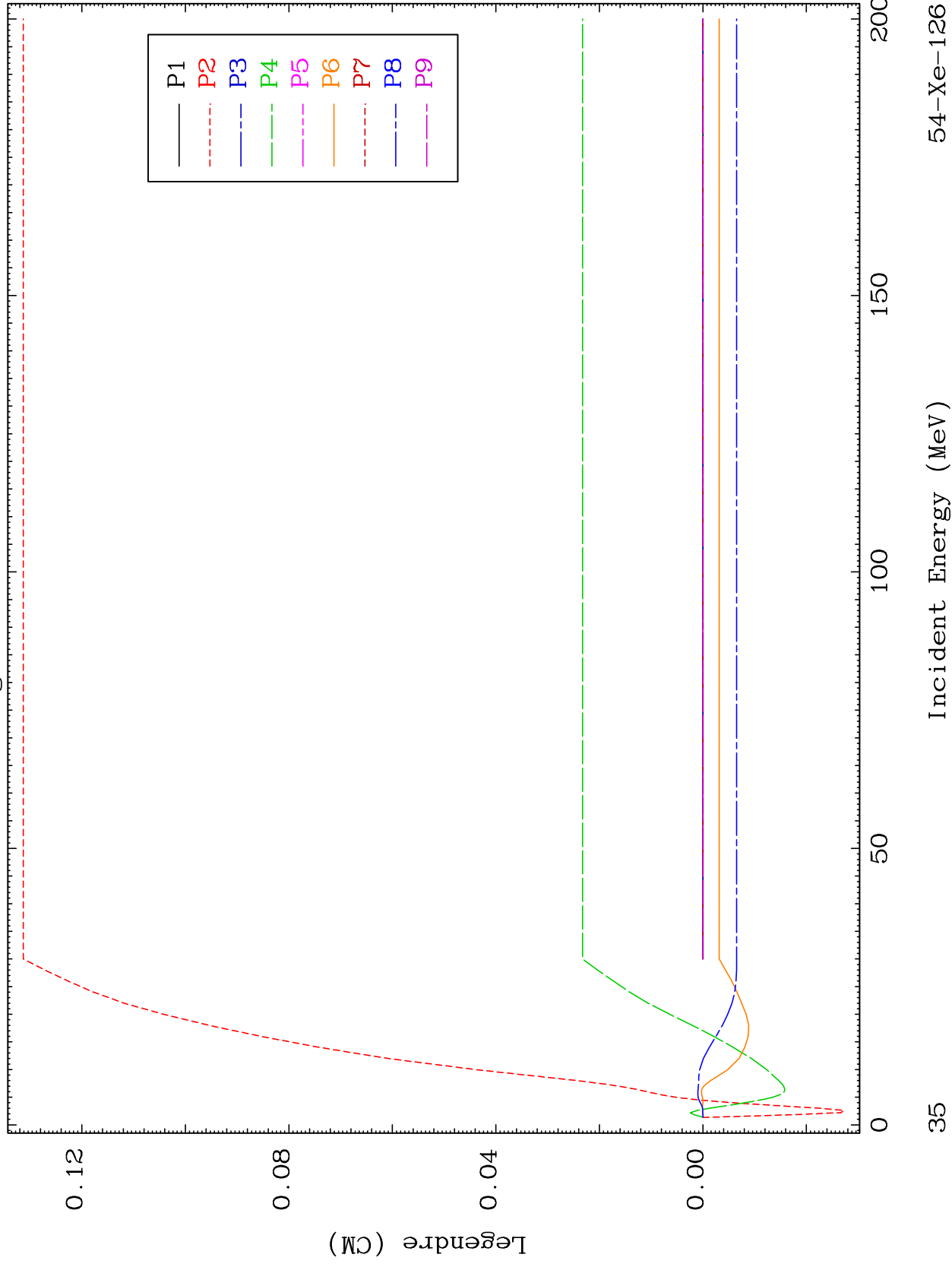
Incident Energy (MeV)

34

MAT 5431

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

54-Xe-126



54-Xe-126

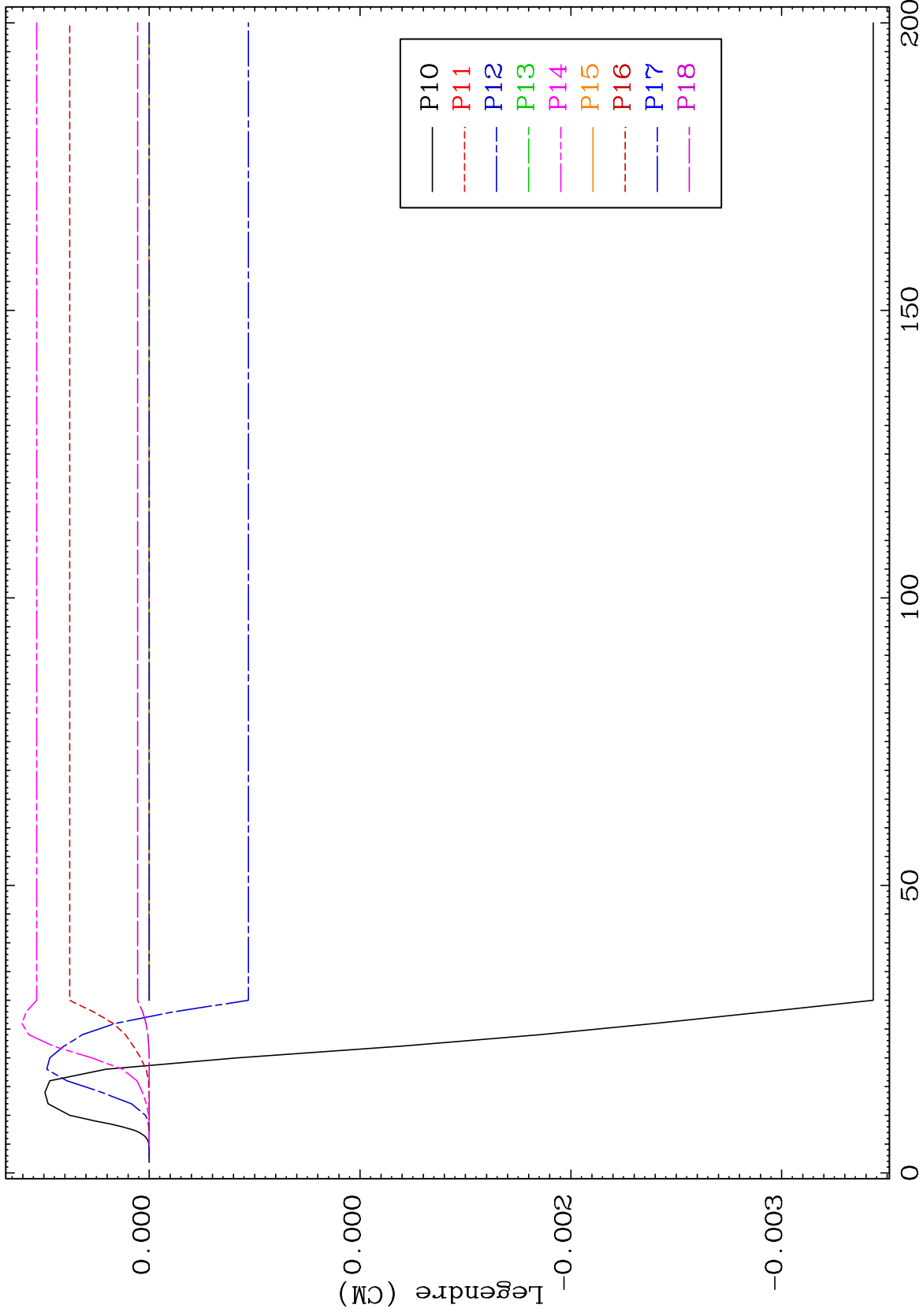
Incident Energy (MeV)

35

MAT 5431

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

54-Xe-126



36

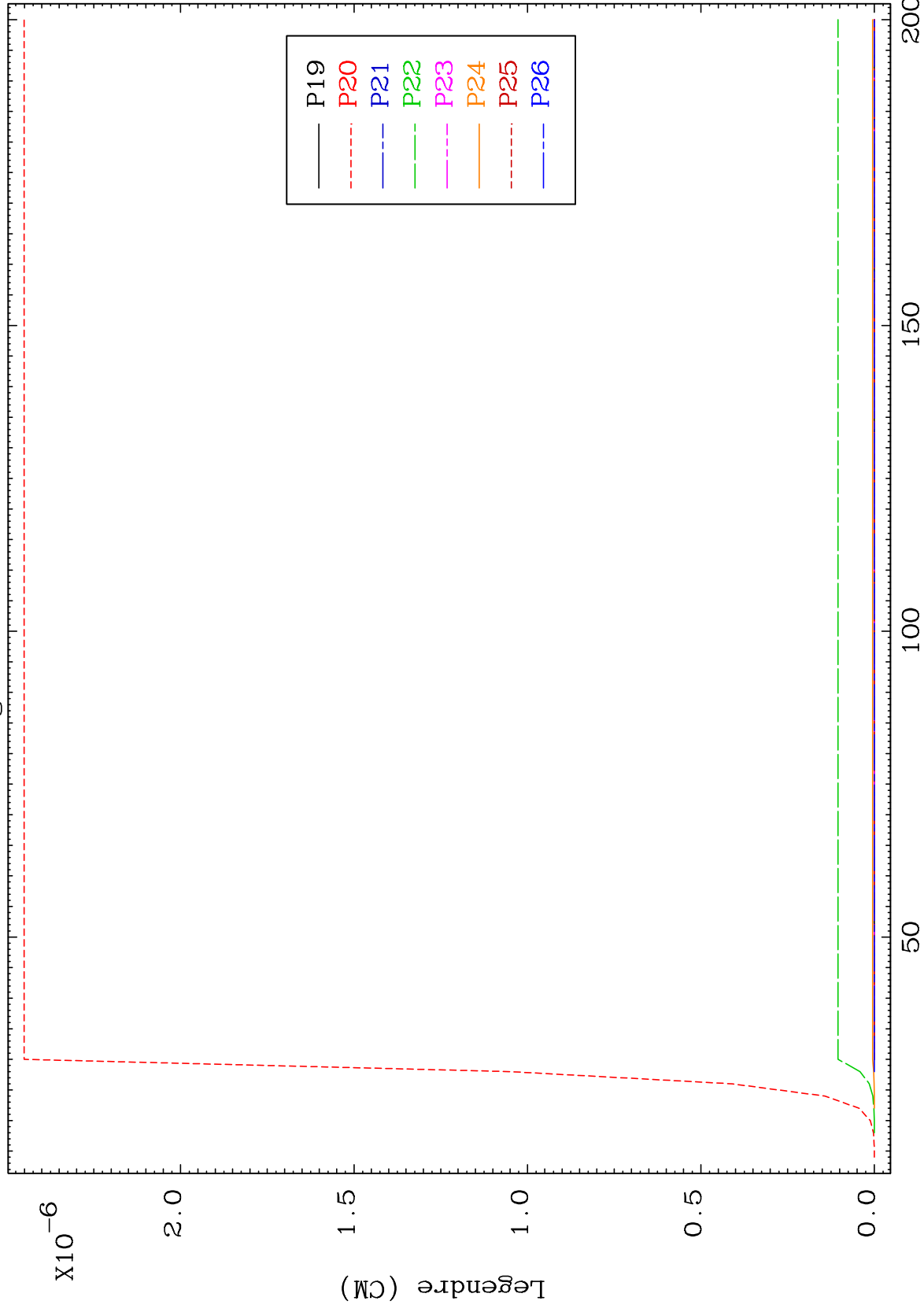
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



37

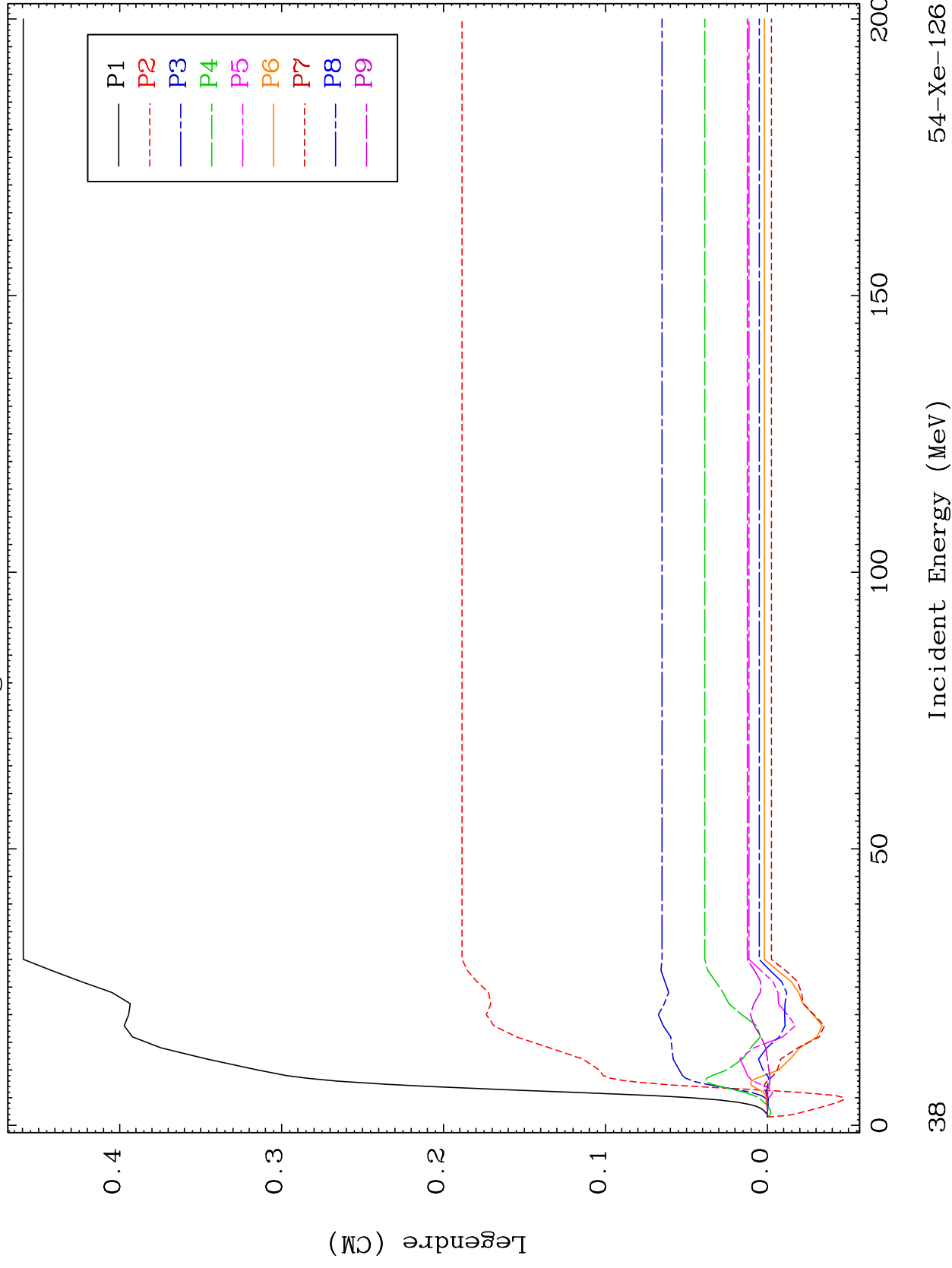
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

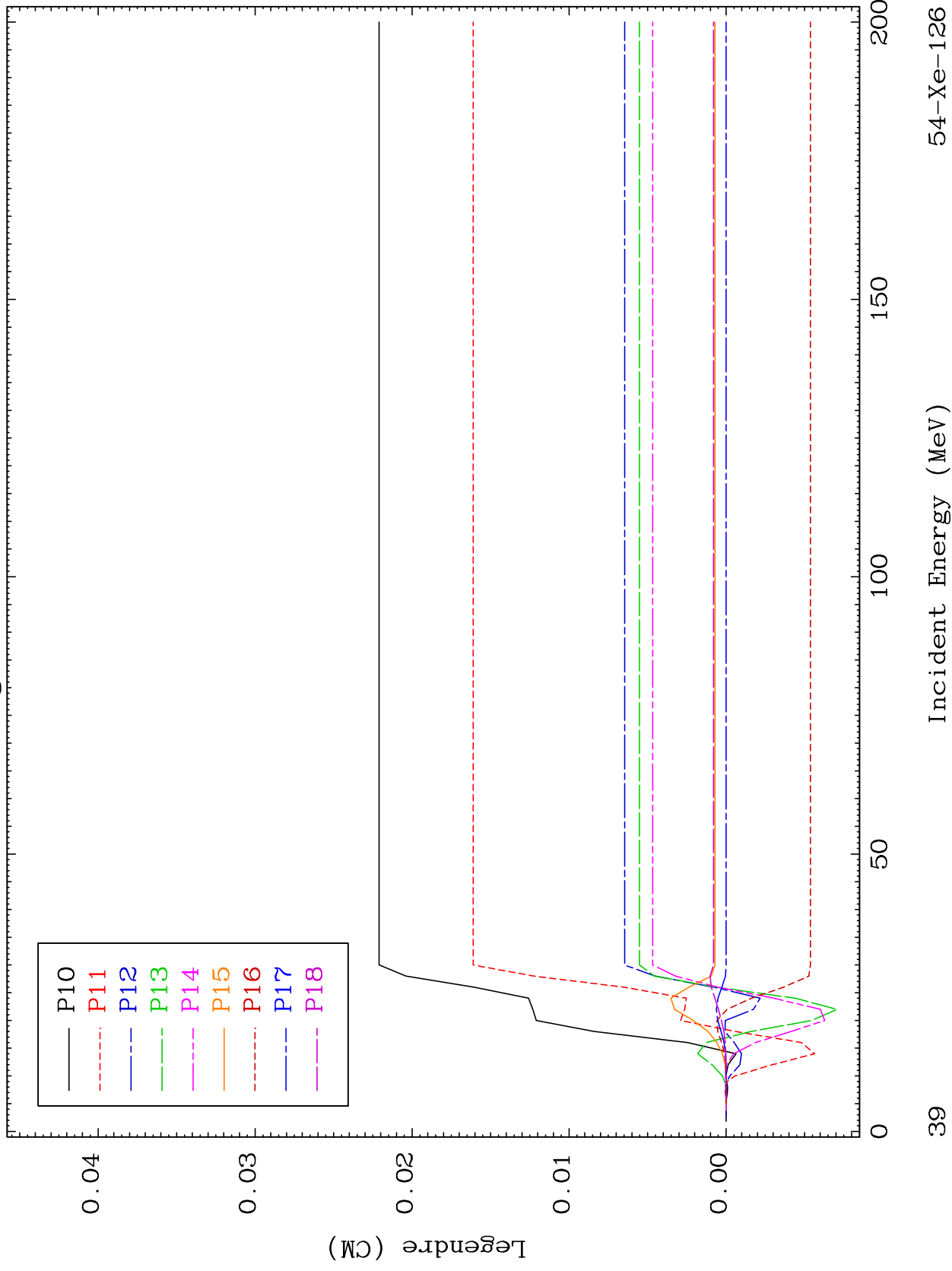
Incident Energy (MeV)

38

MAT 5431

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

54-Xe-126



39

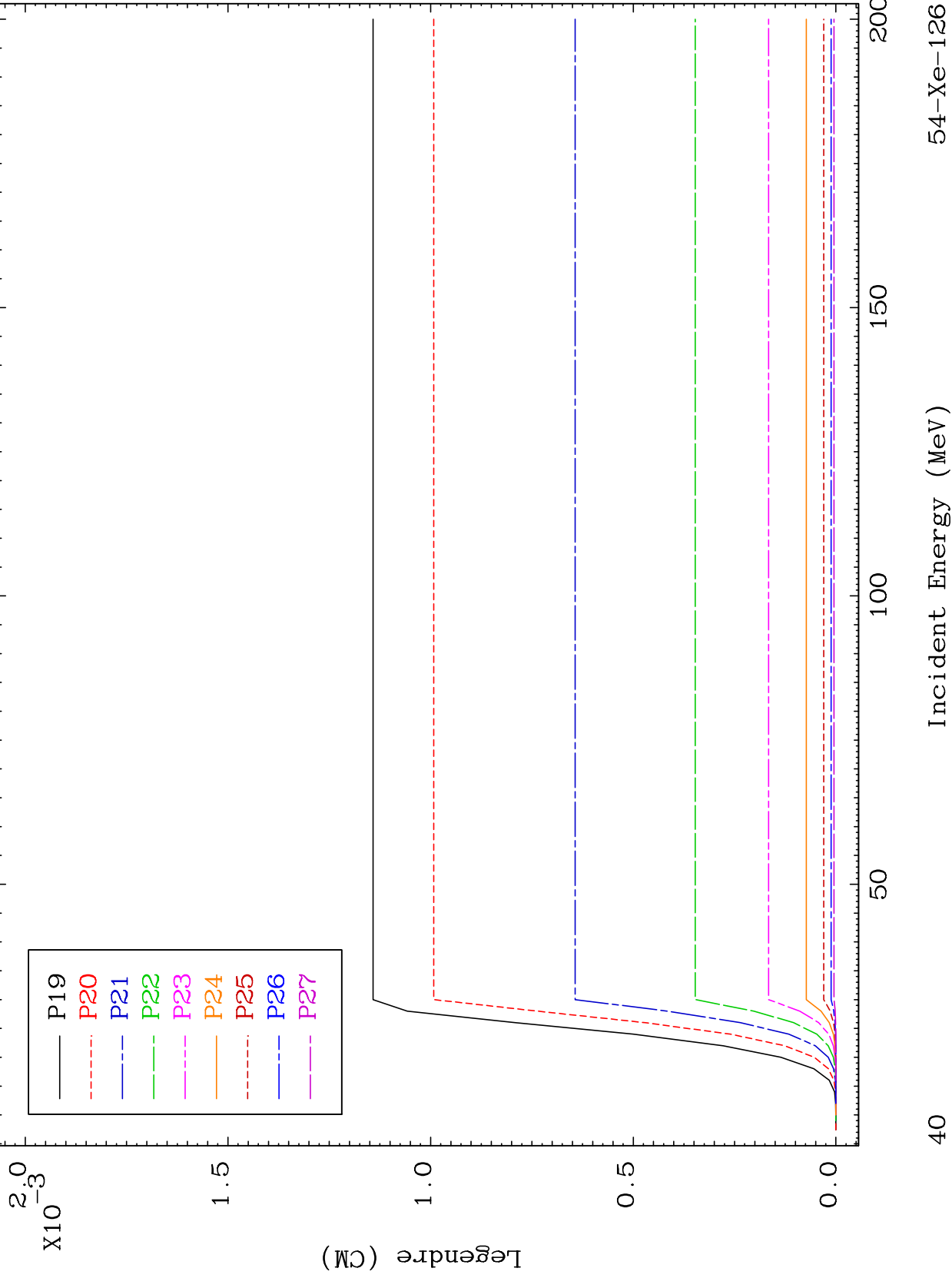
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

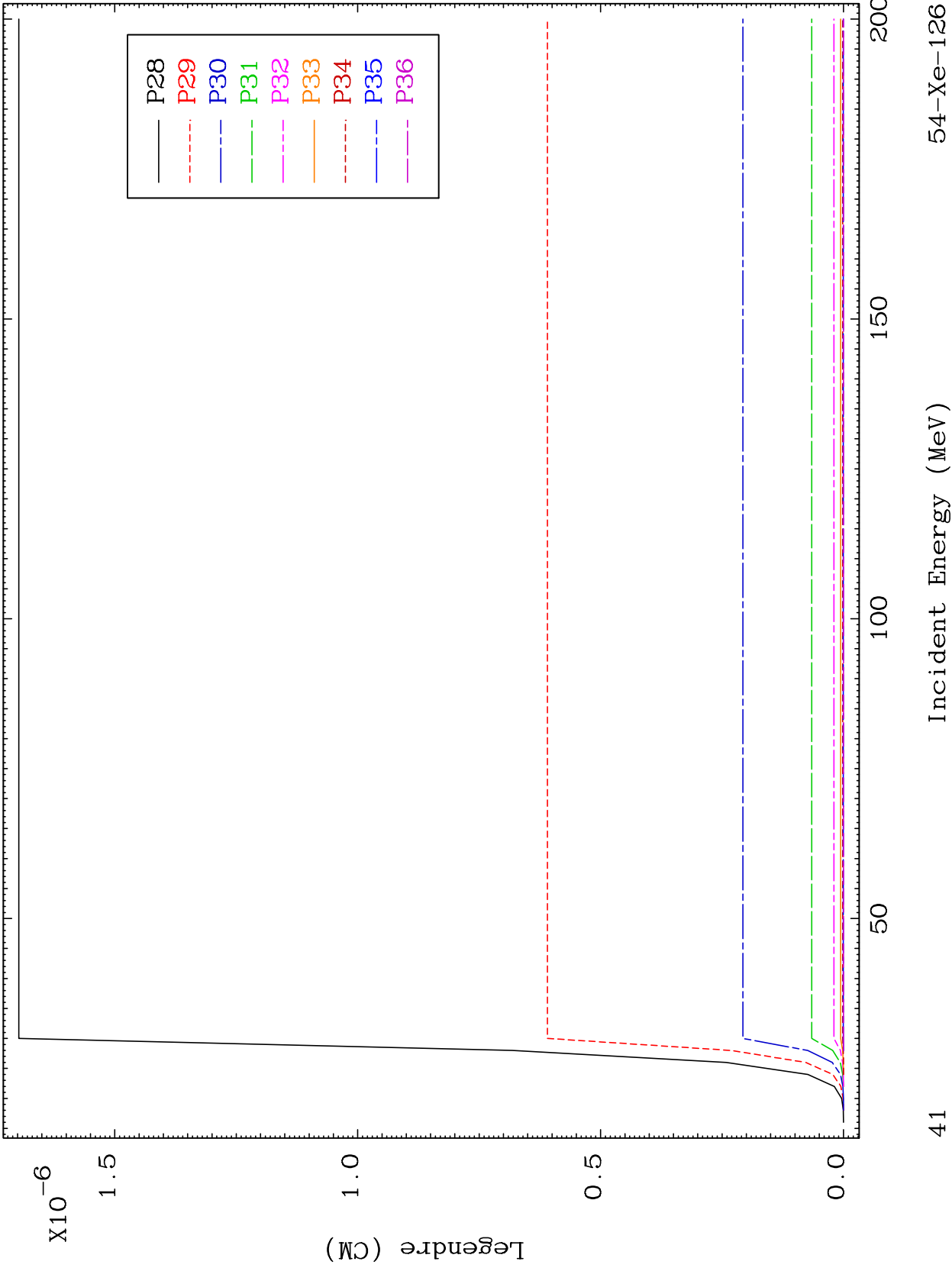
54-Xe-126



MAT 5431

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

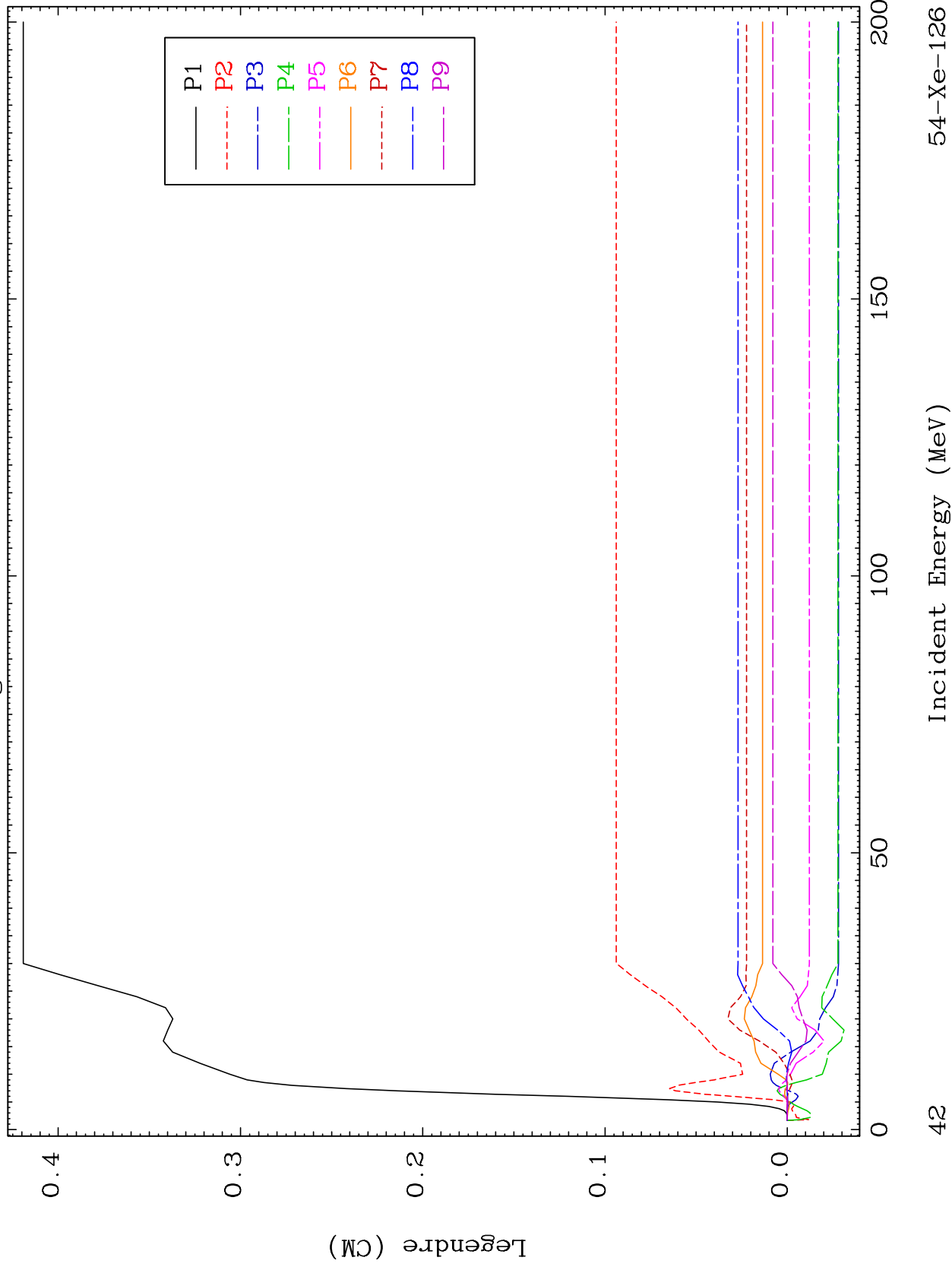
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

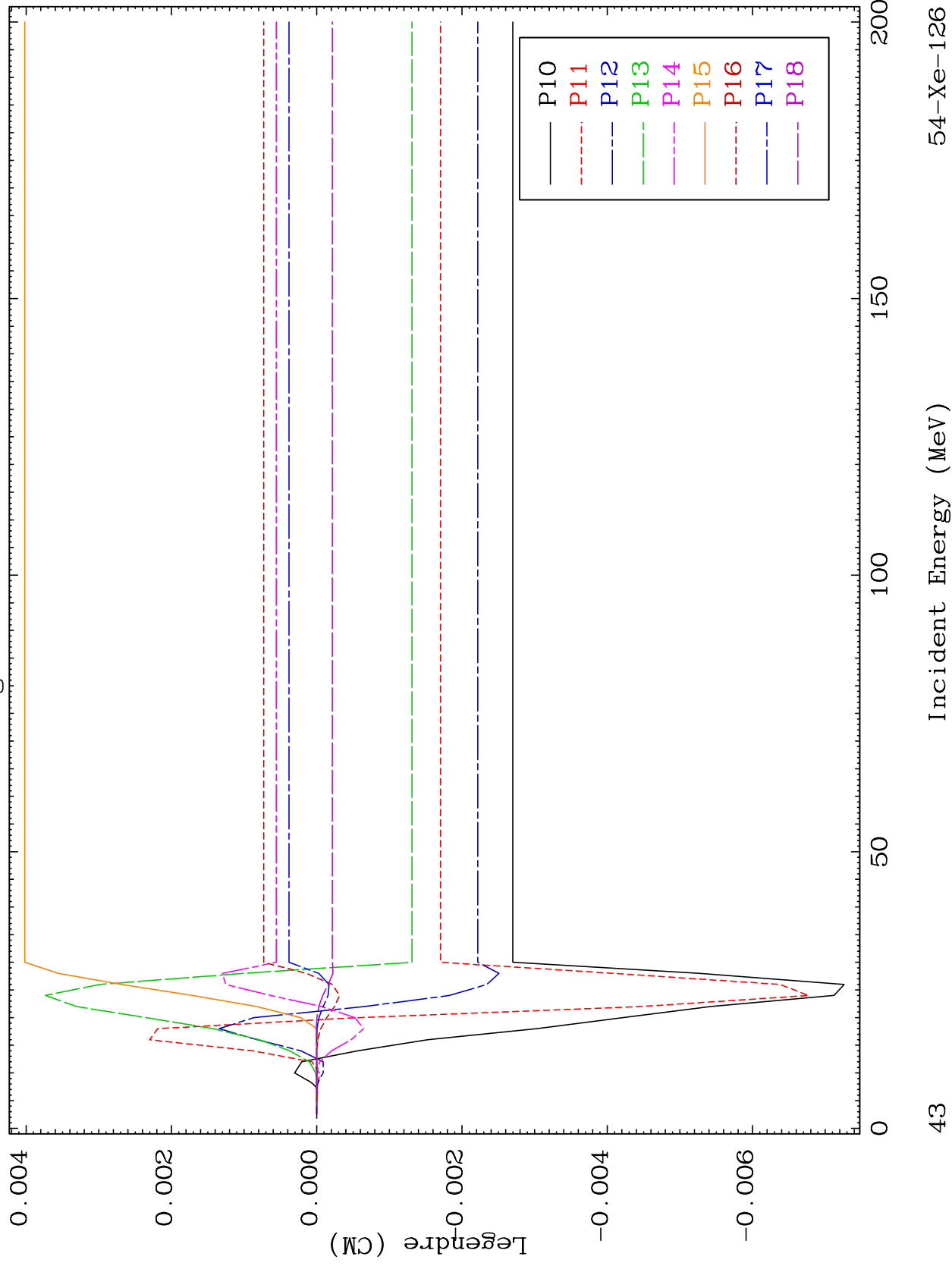
Incident Energy (MeV)

42

MAT 5431

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

54-Xe-126



43

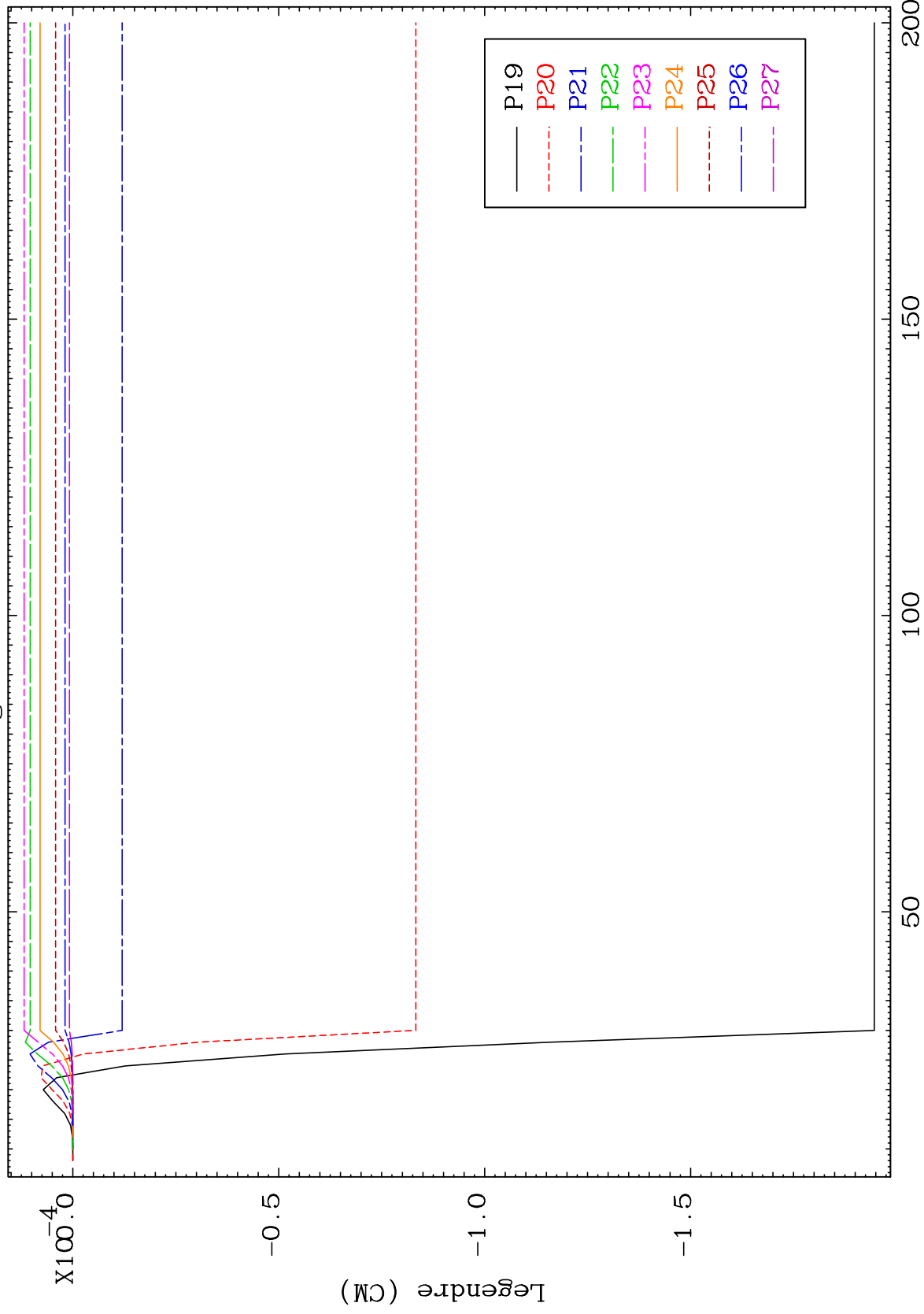
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



44

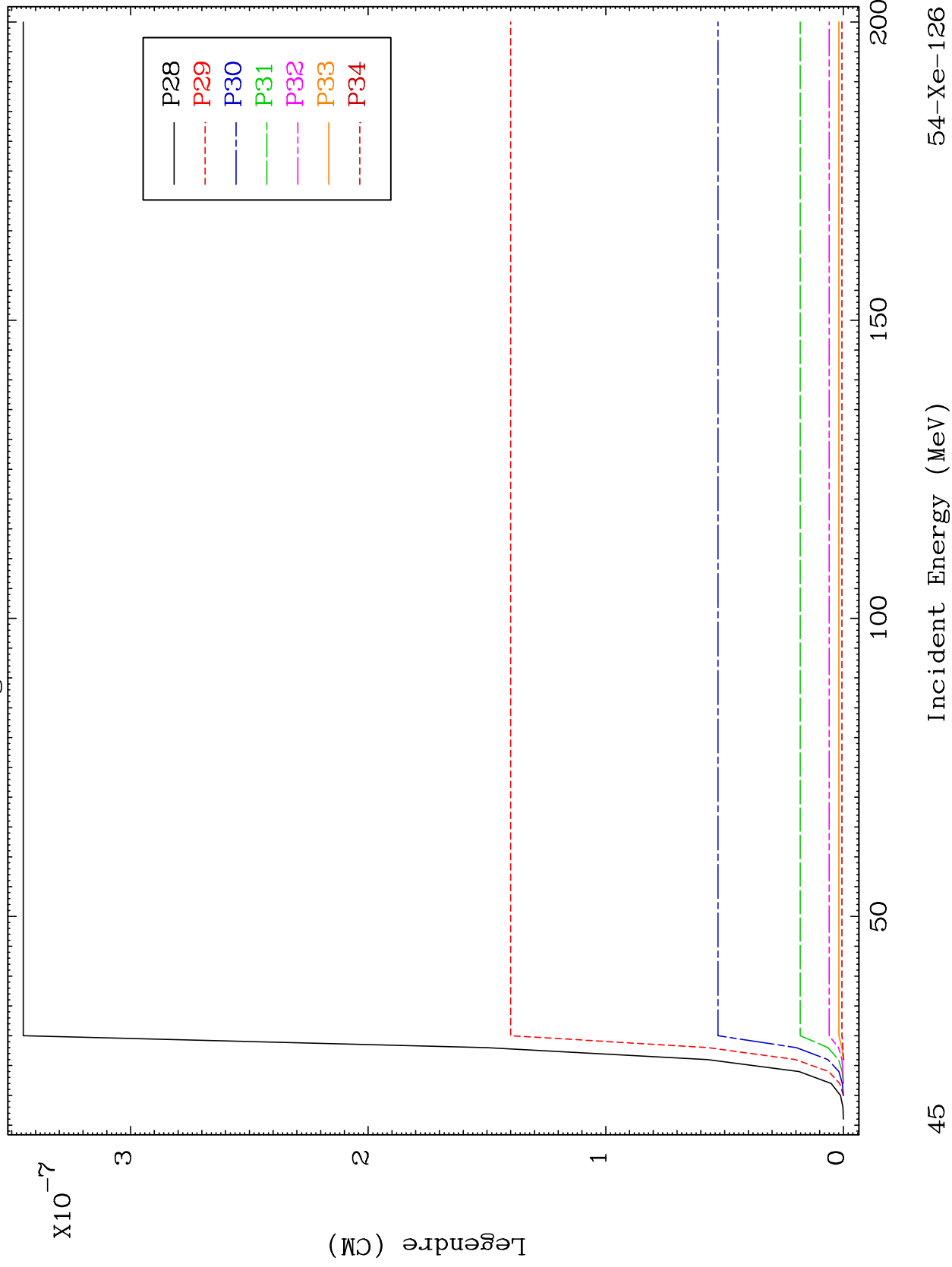
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

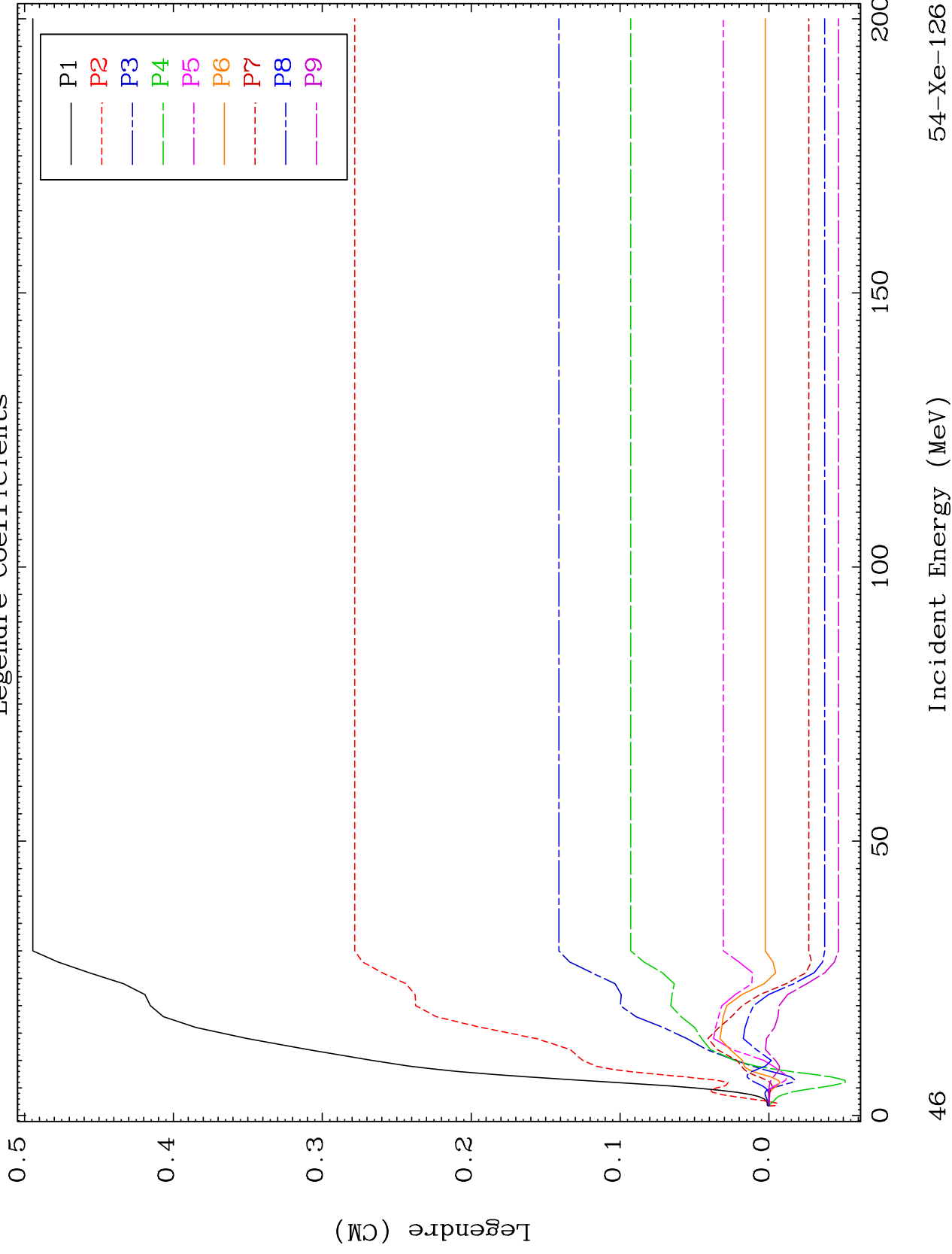


MAT 5431

MT= 58 (n,n') Level

54-Xe-126

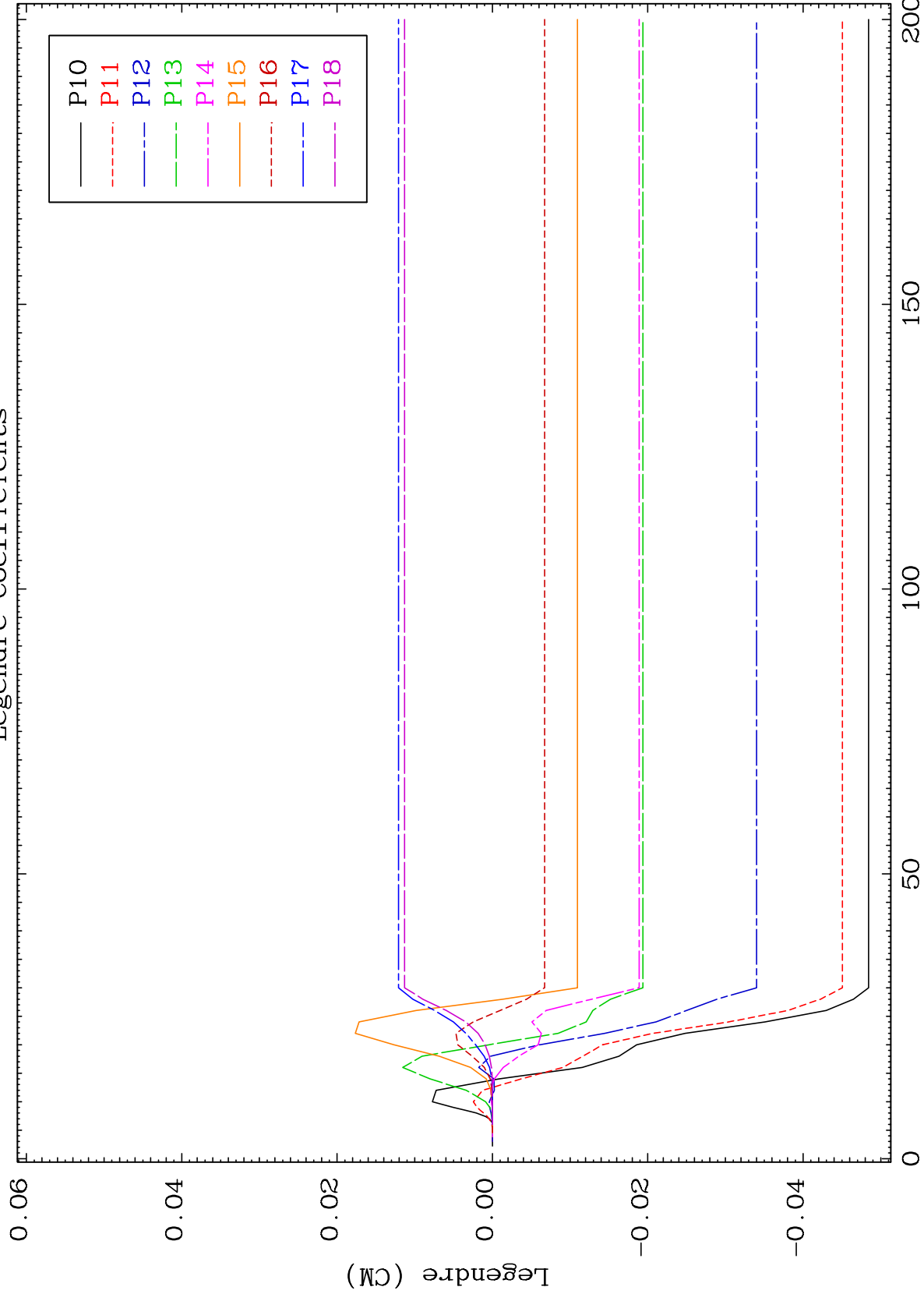
Legendre Coefficients



MAT 5431

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

54-Xe-126



47

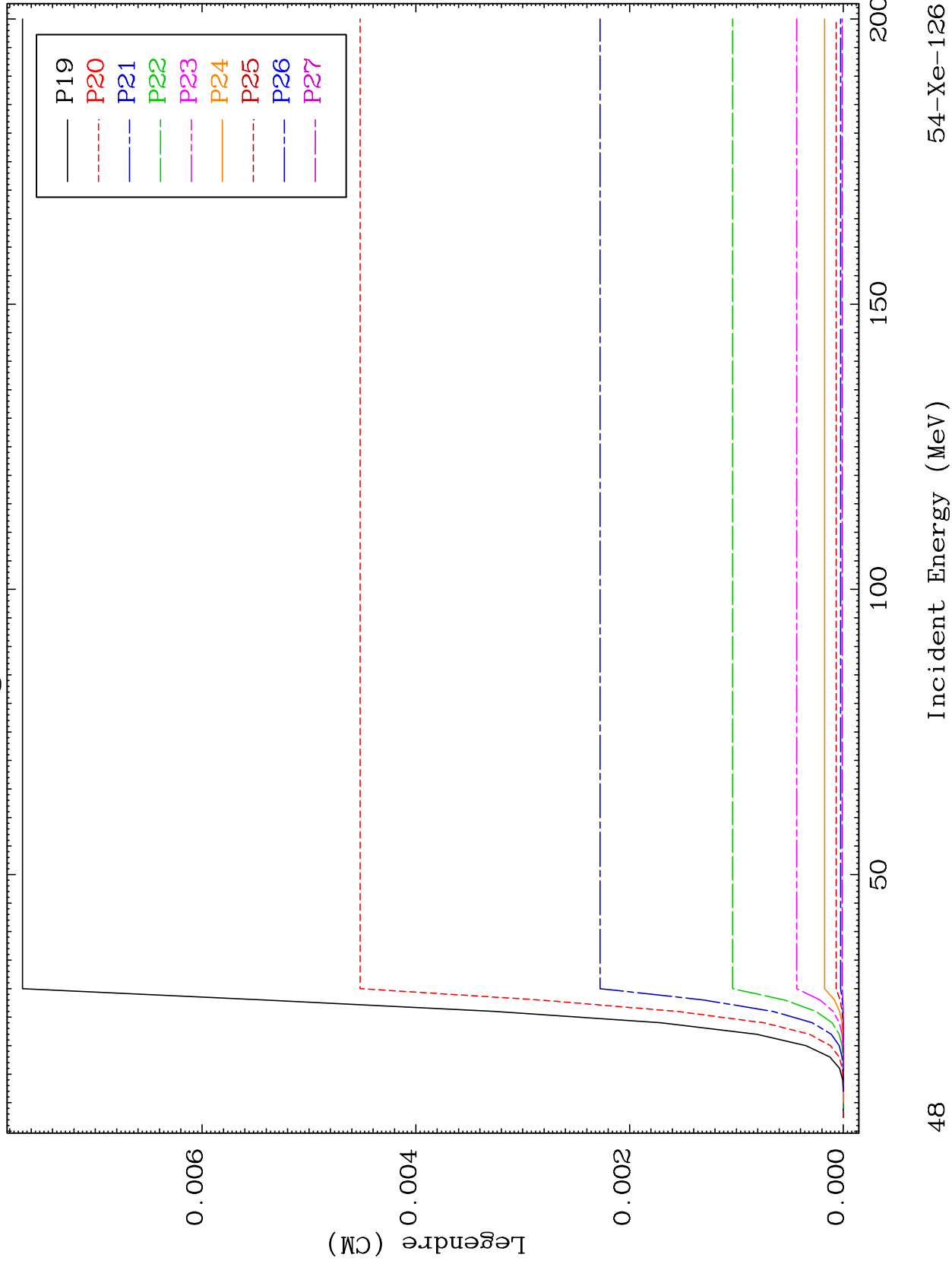
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



48

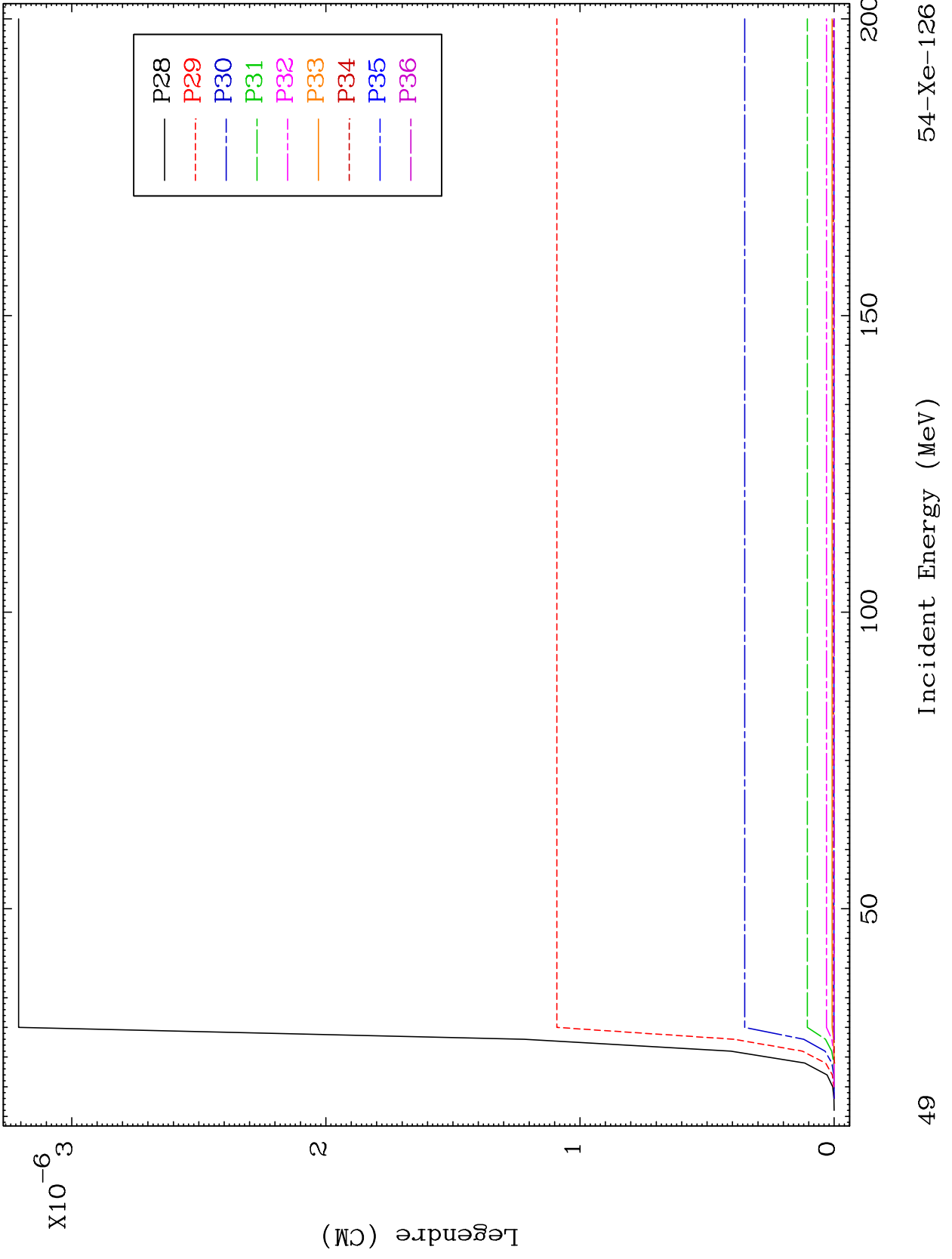
Incident Energy (MeV)

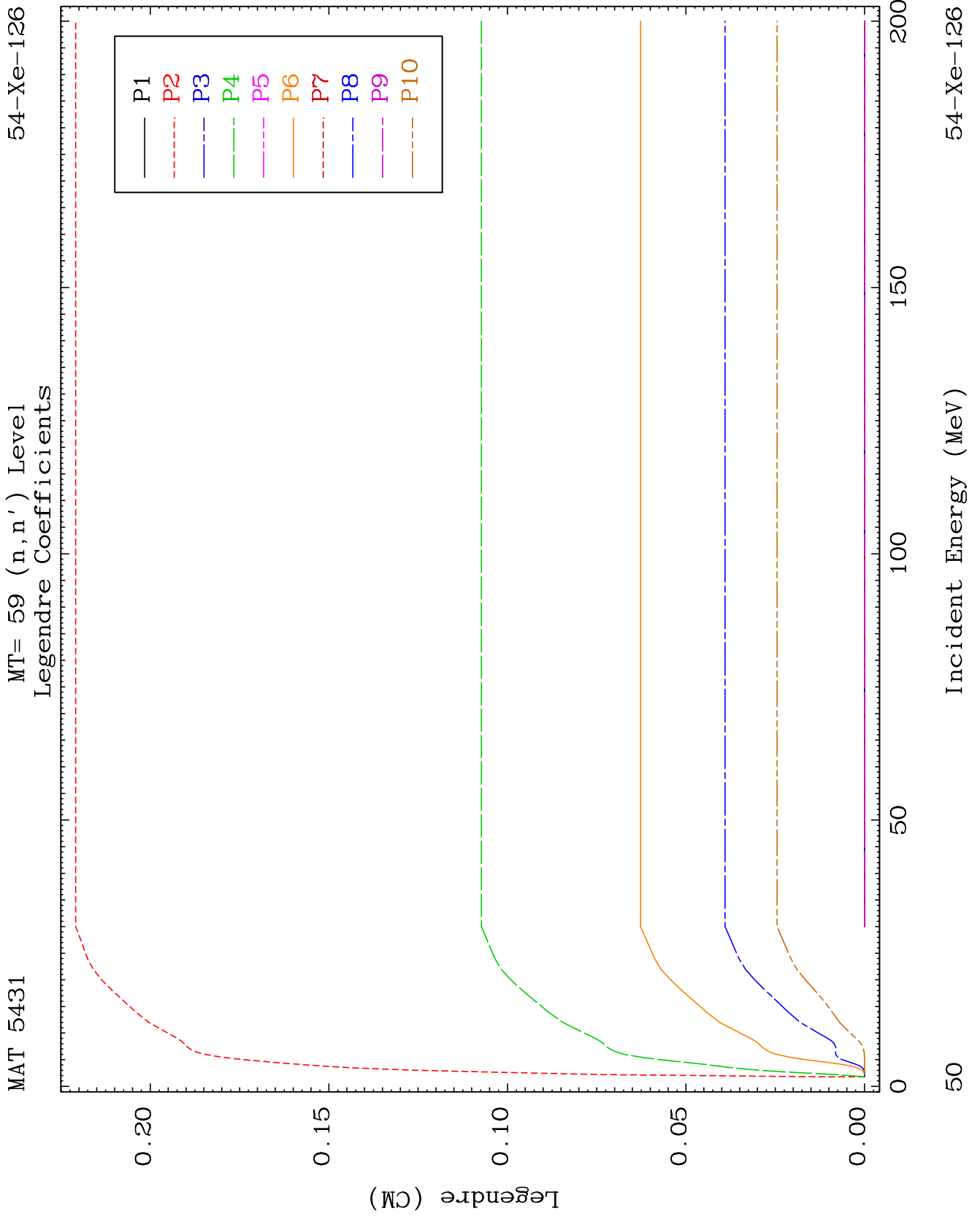
54-Xe-126

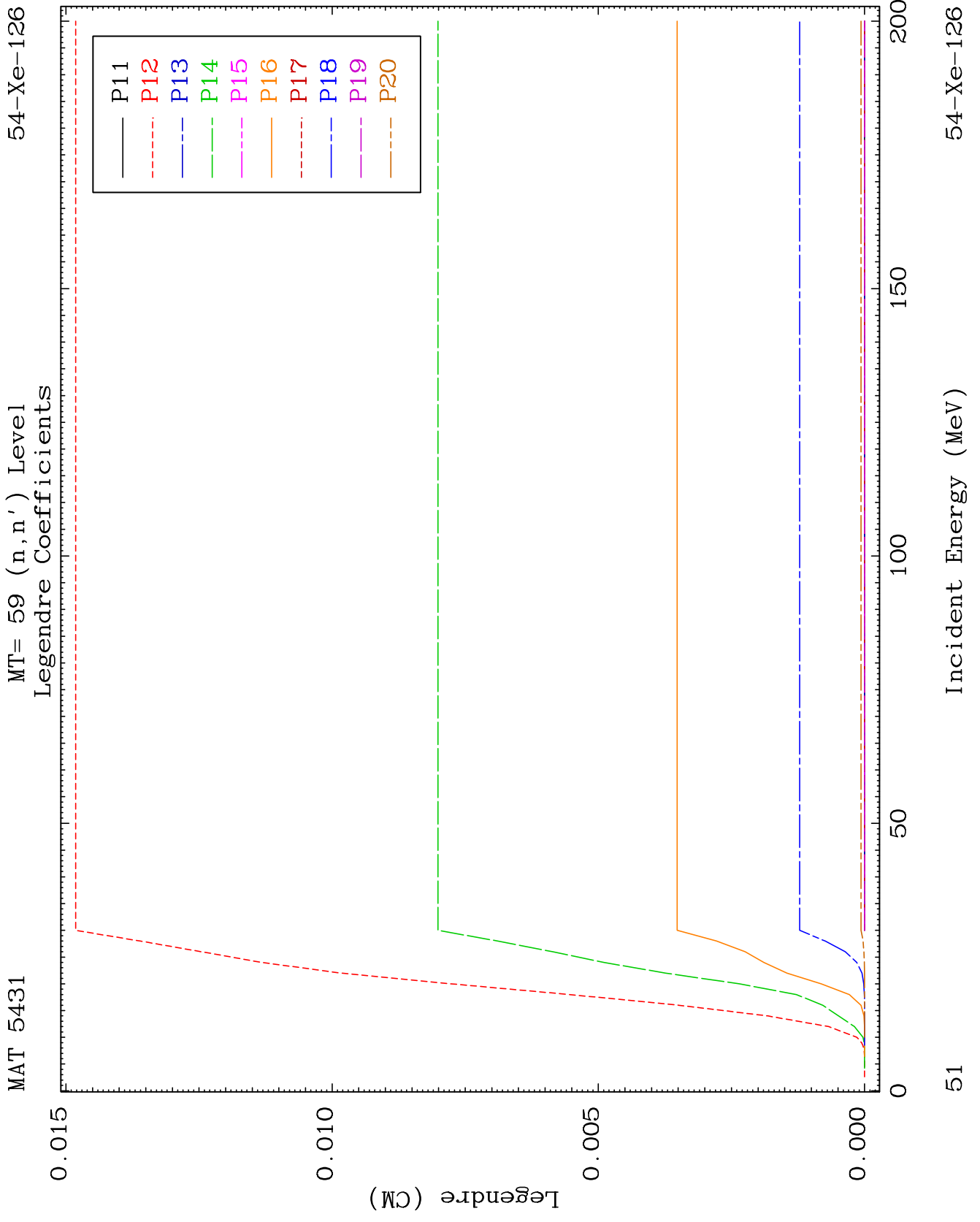
MAT 5431

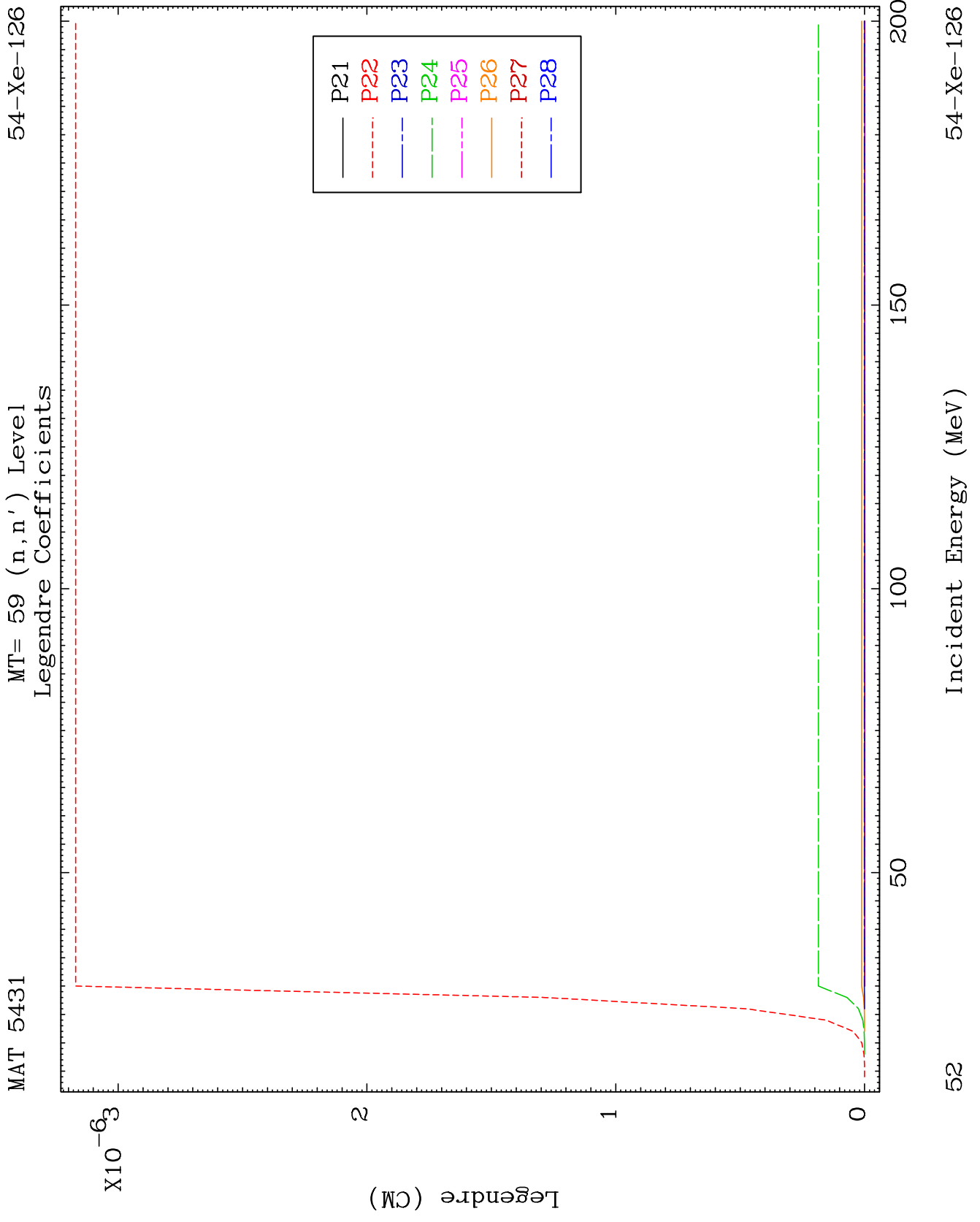
MT= 58 (n,n') Level
Legendre Coefficients

54-Xe-126





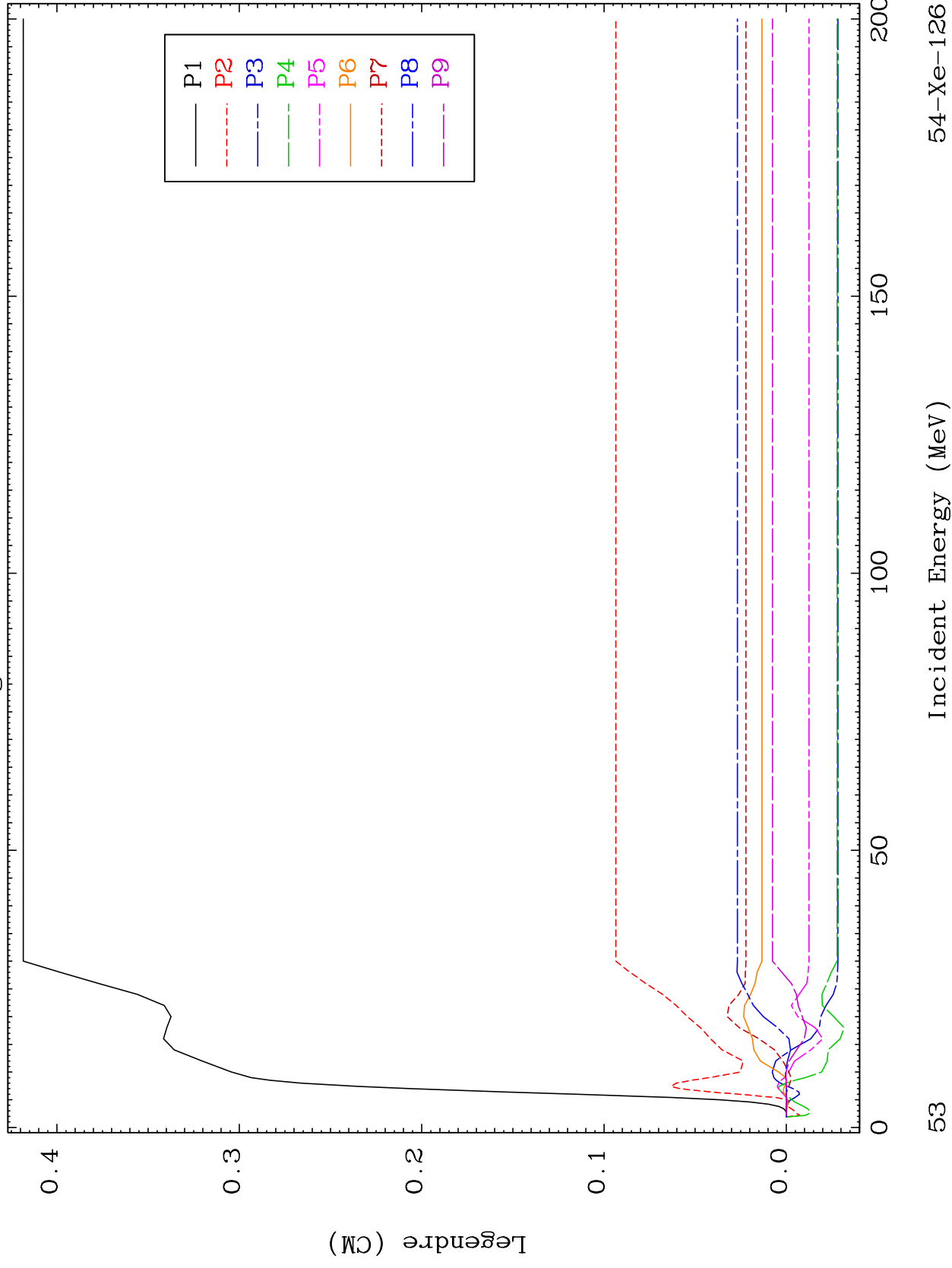




MAT 5431

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

54-Xe-126



54-Xe-126

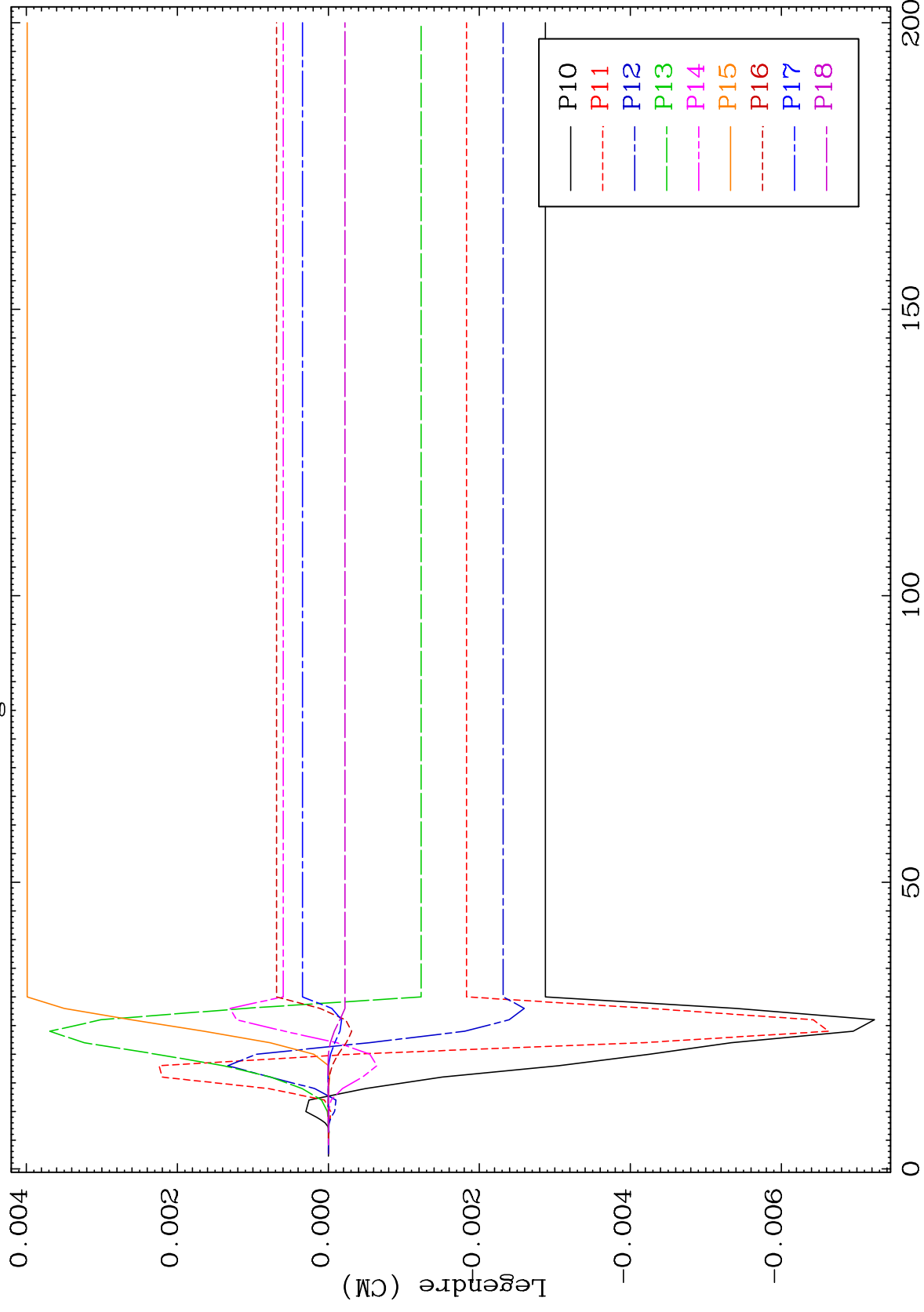
Incident Energy (MeV)

53

MAT 5431

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

54-Xe-126



54

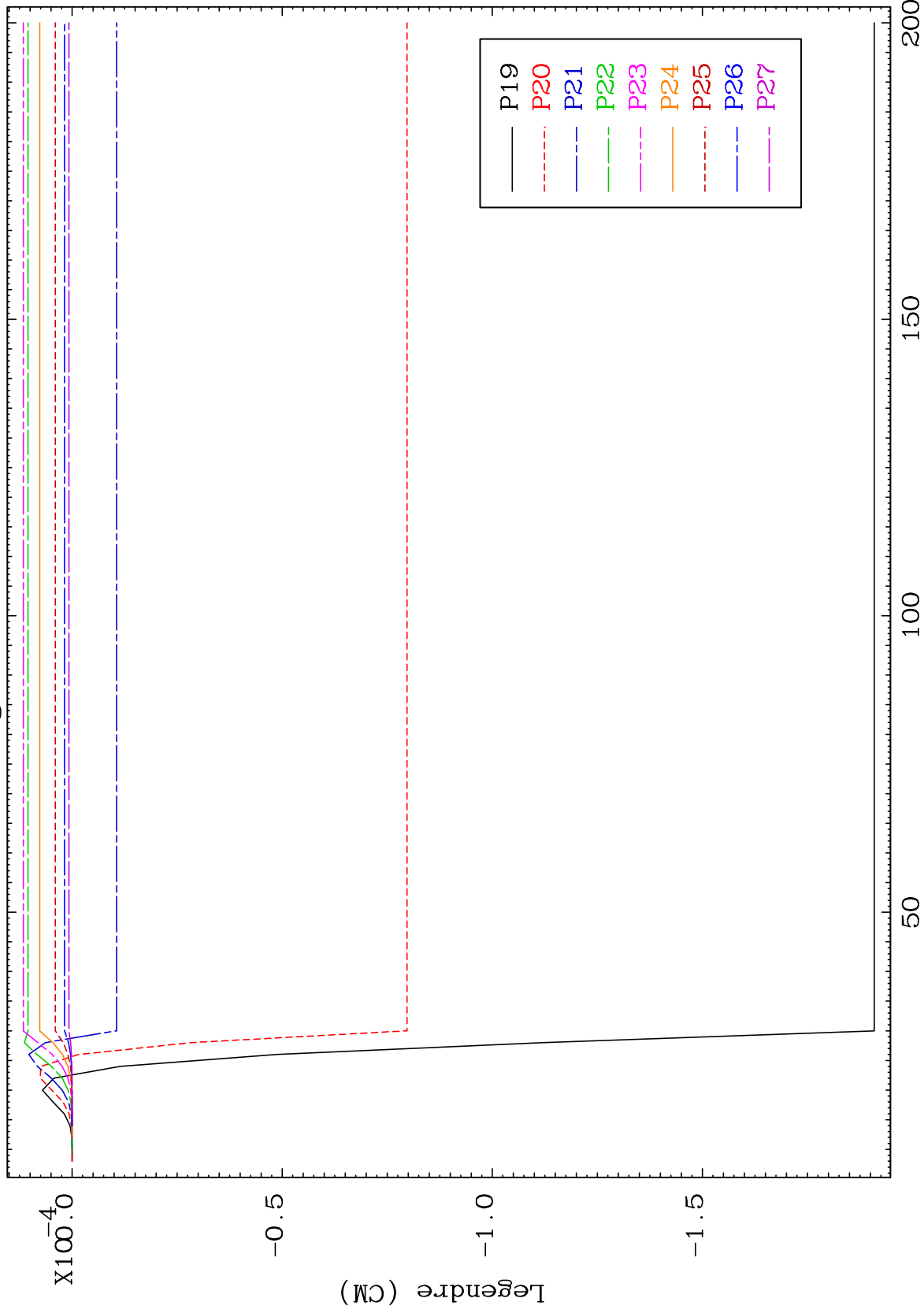
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



55

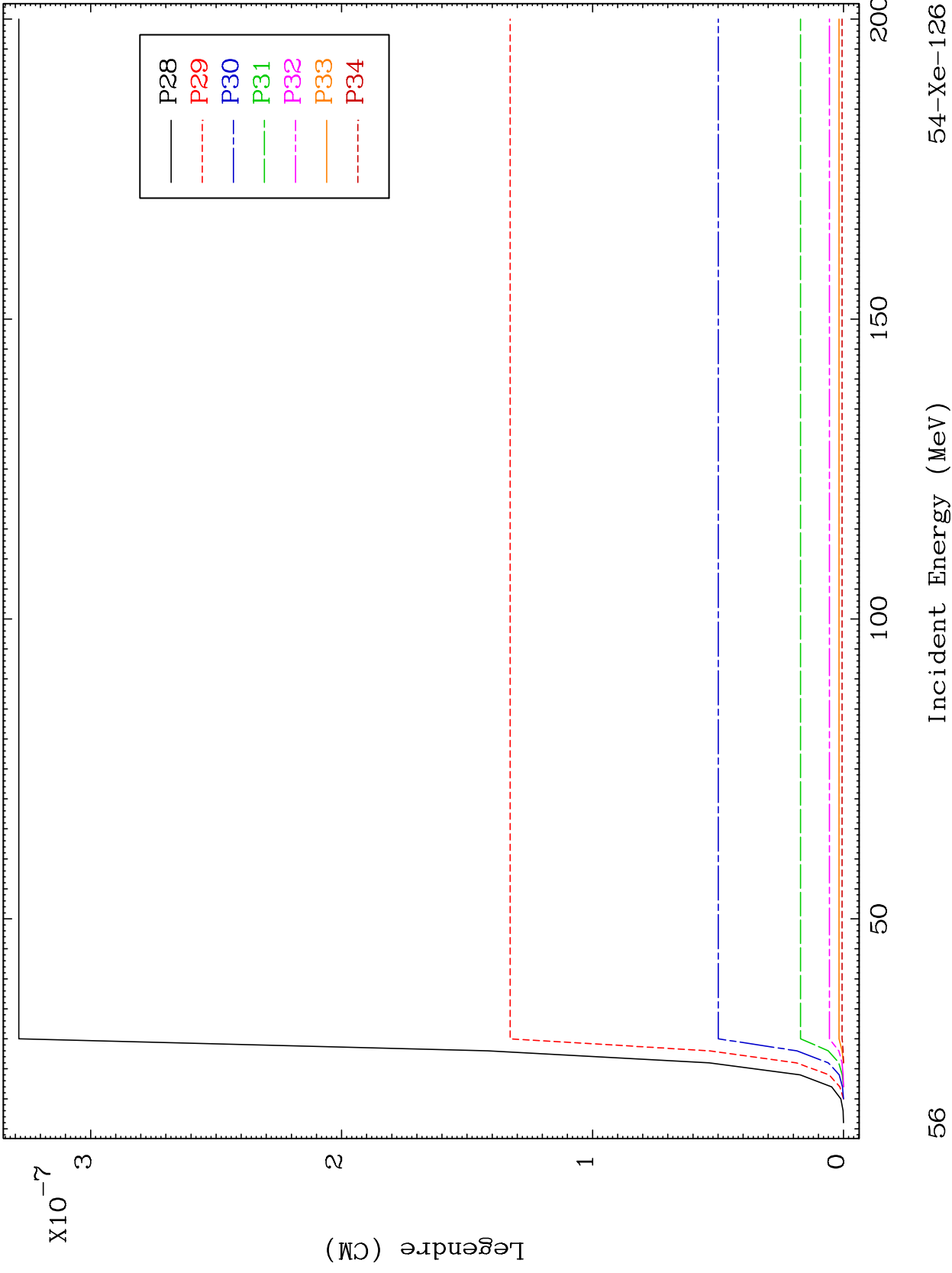
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

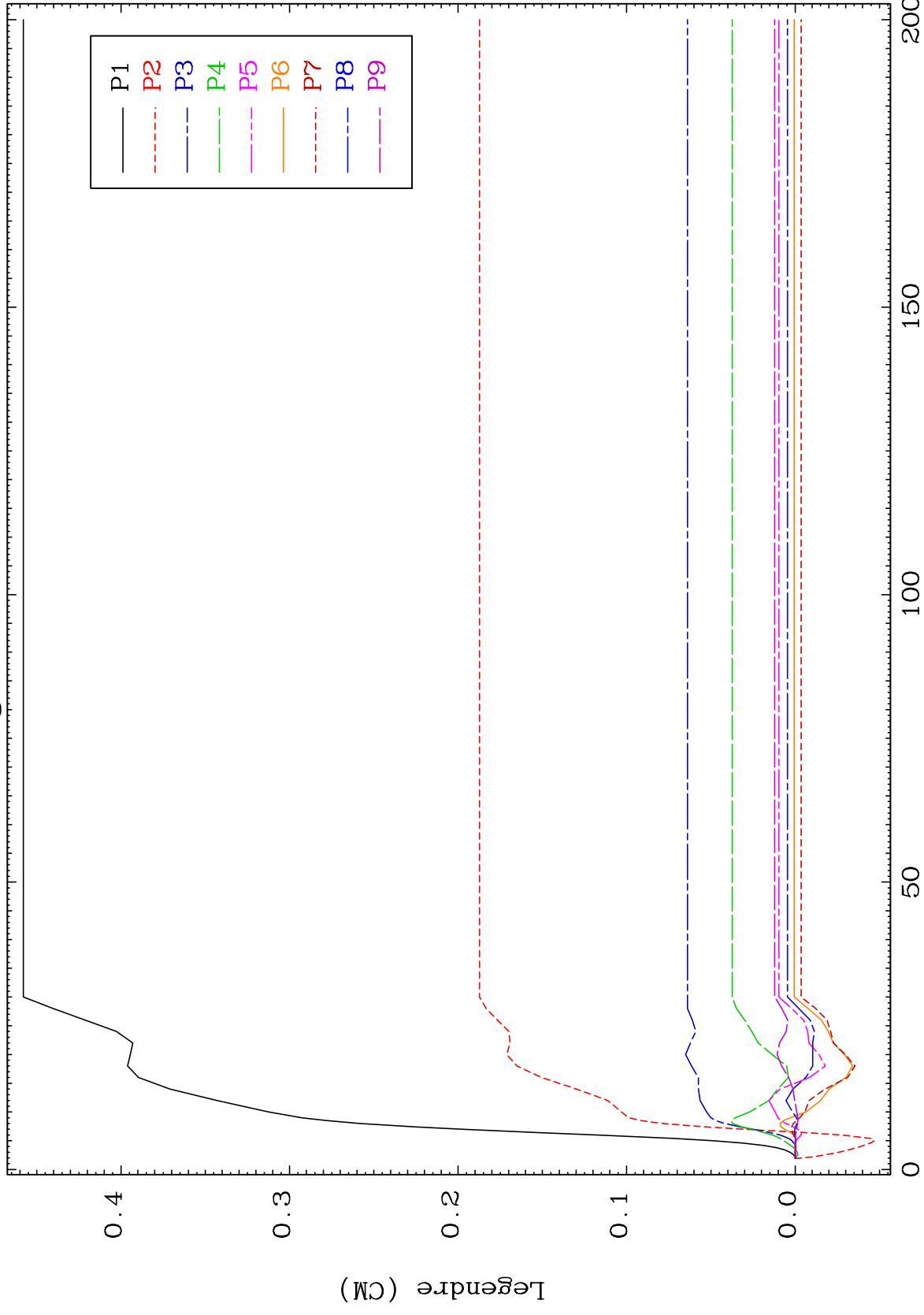
54-Xe-126



MAT 5431

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

54-Xe-126



57

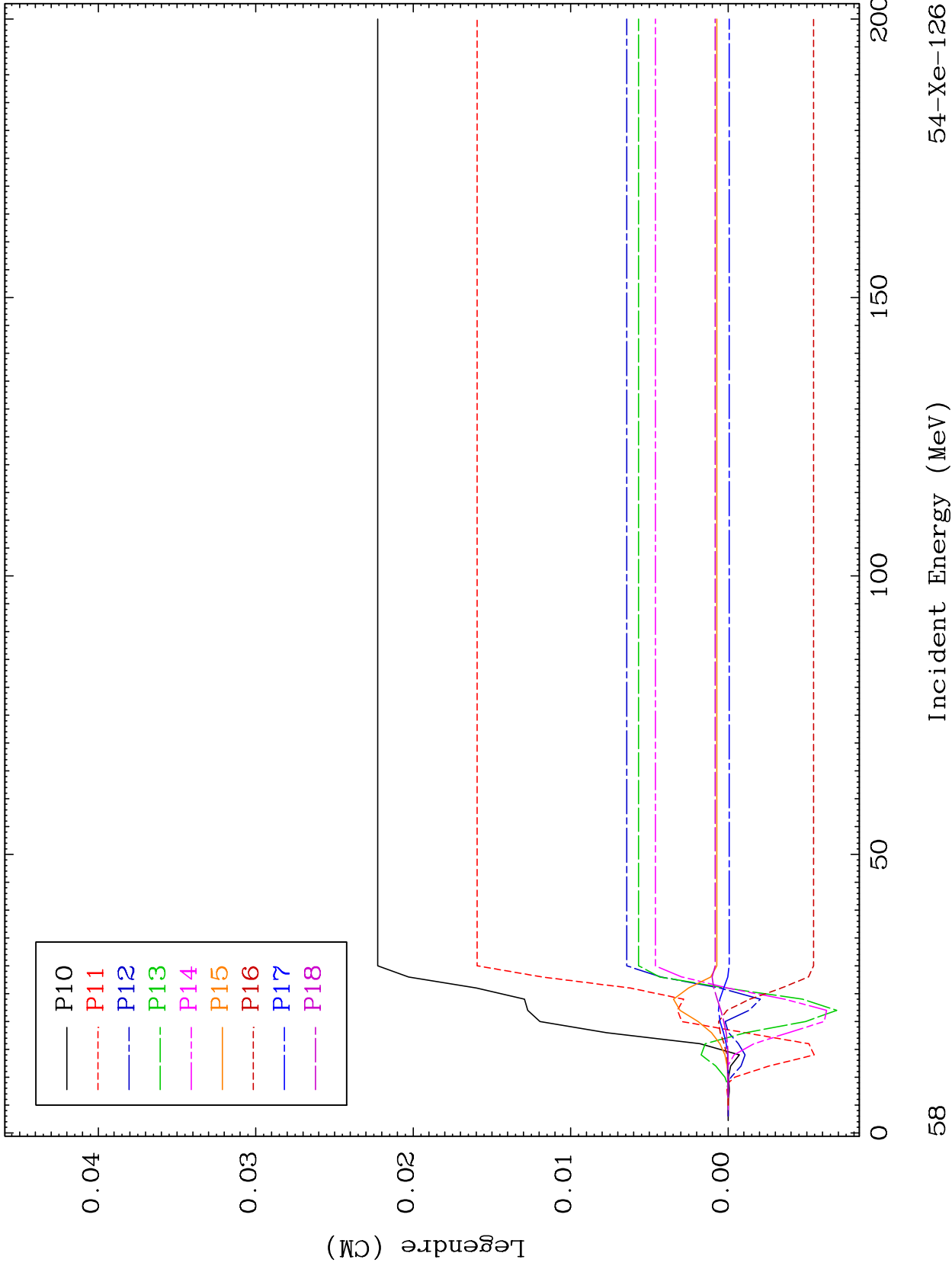
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



58

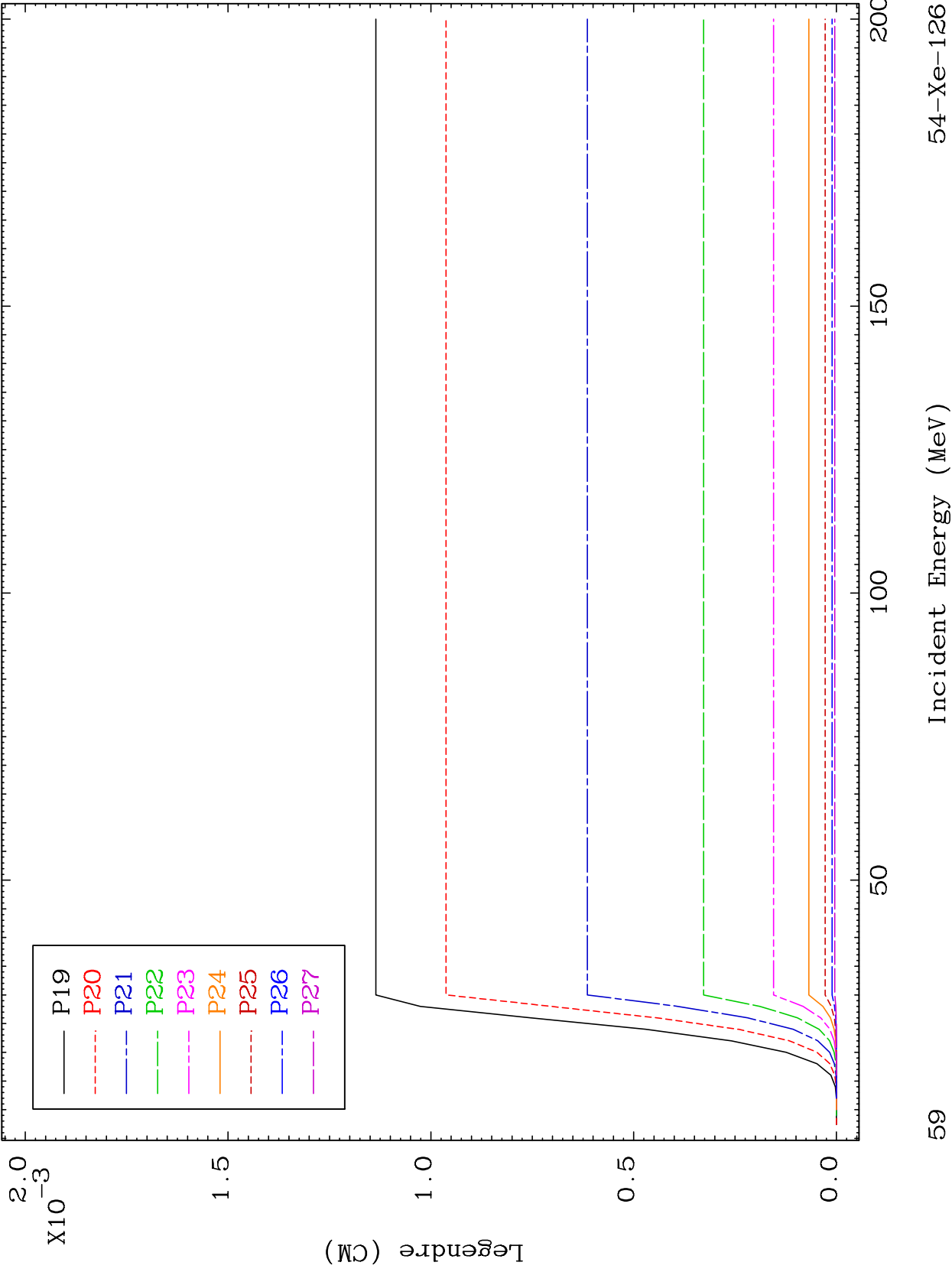
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

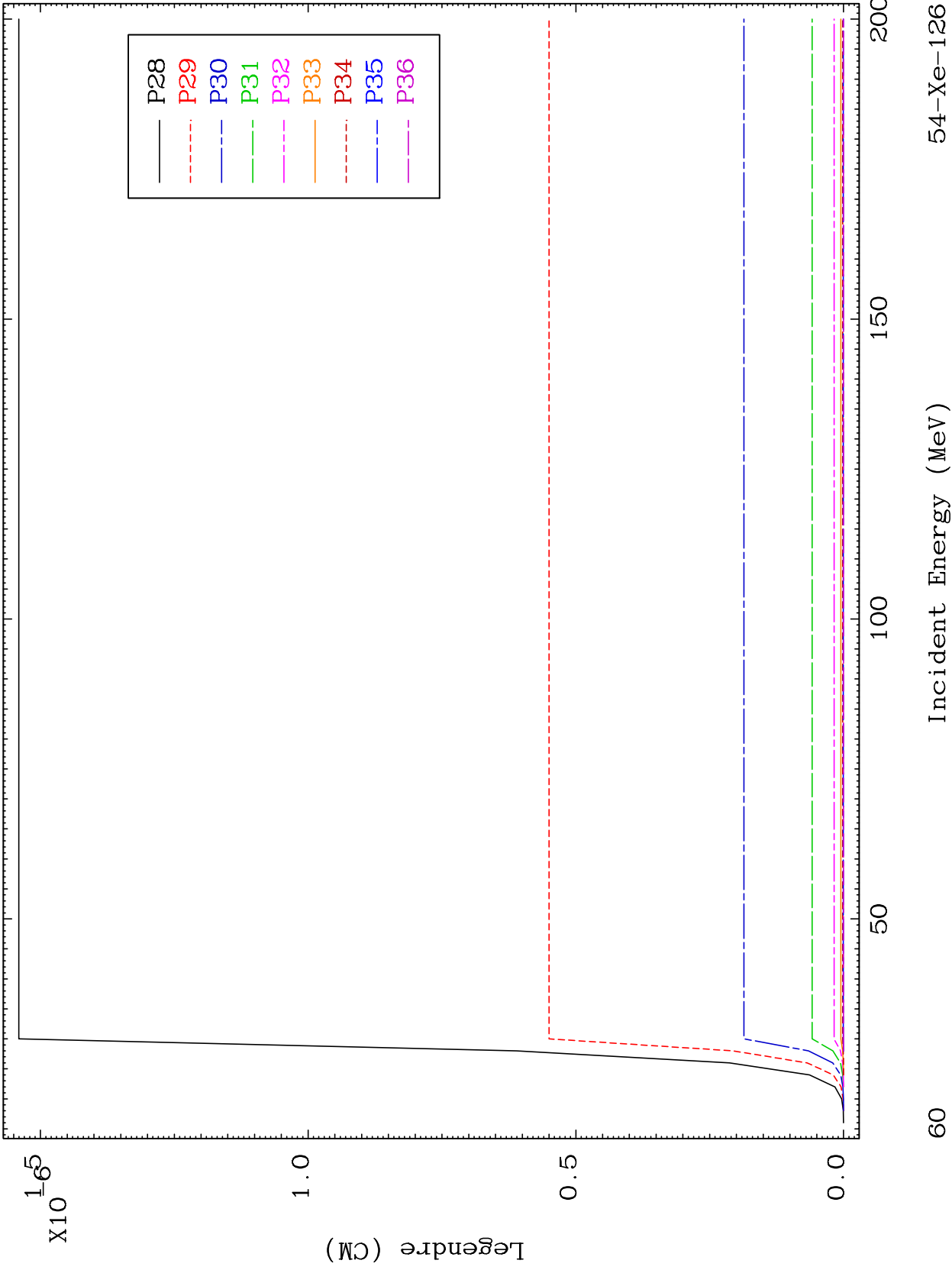
54-Xe-126



MAT 5431

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

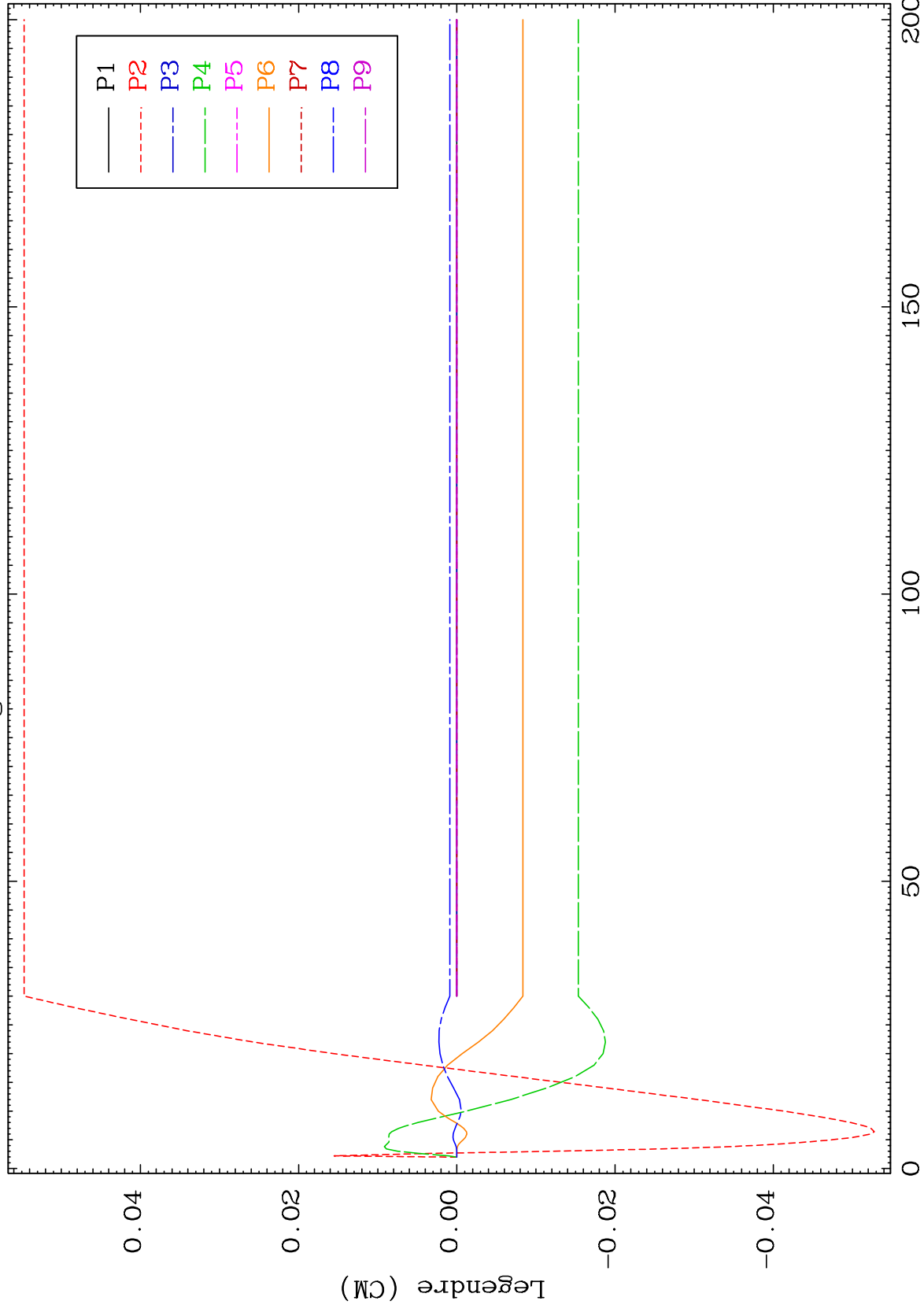
54-Xe-126



MAT 5431

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

54-Xe-126



61

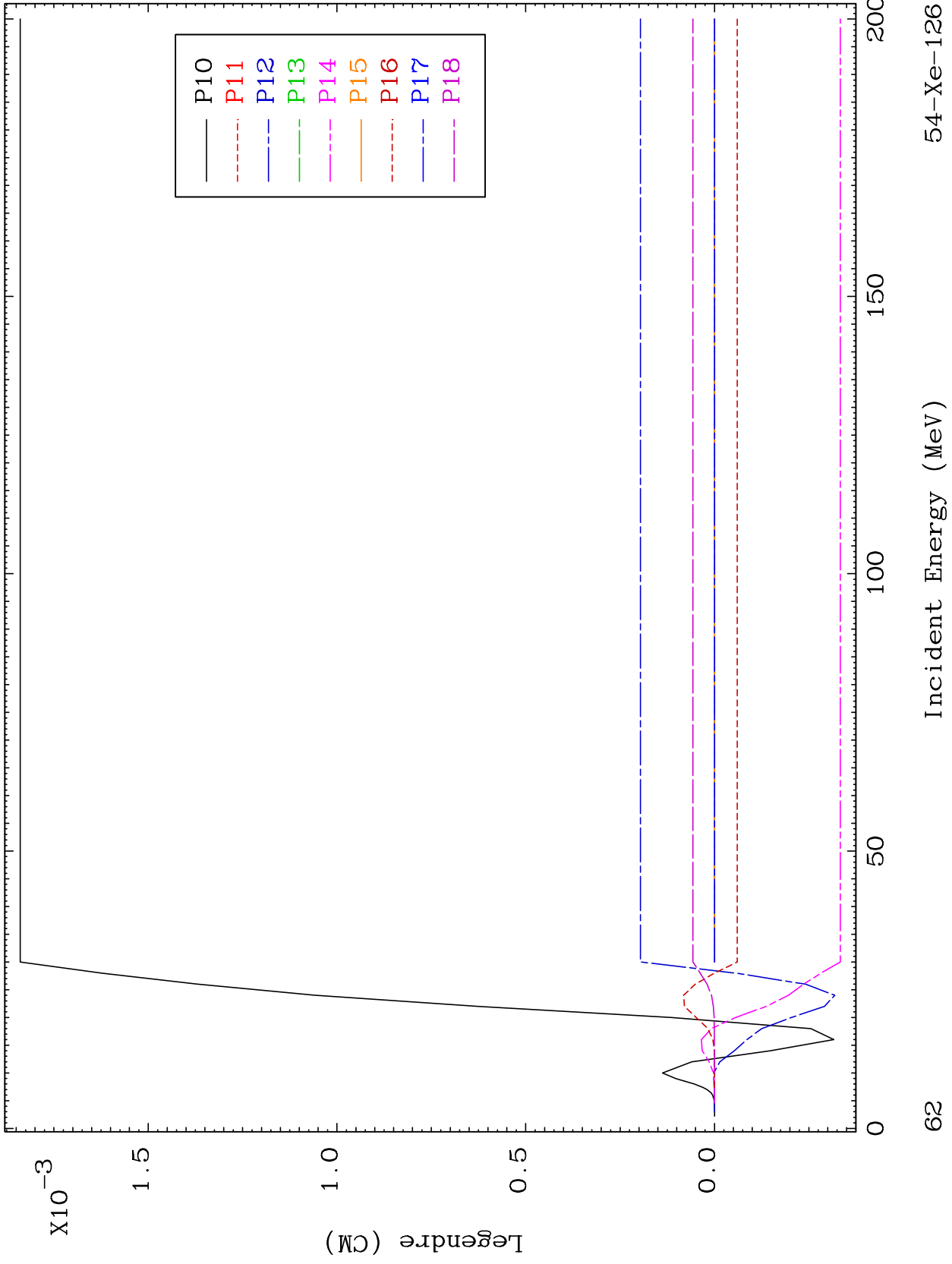
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

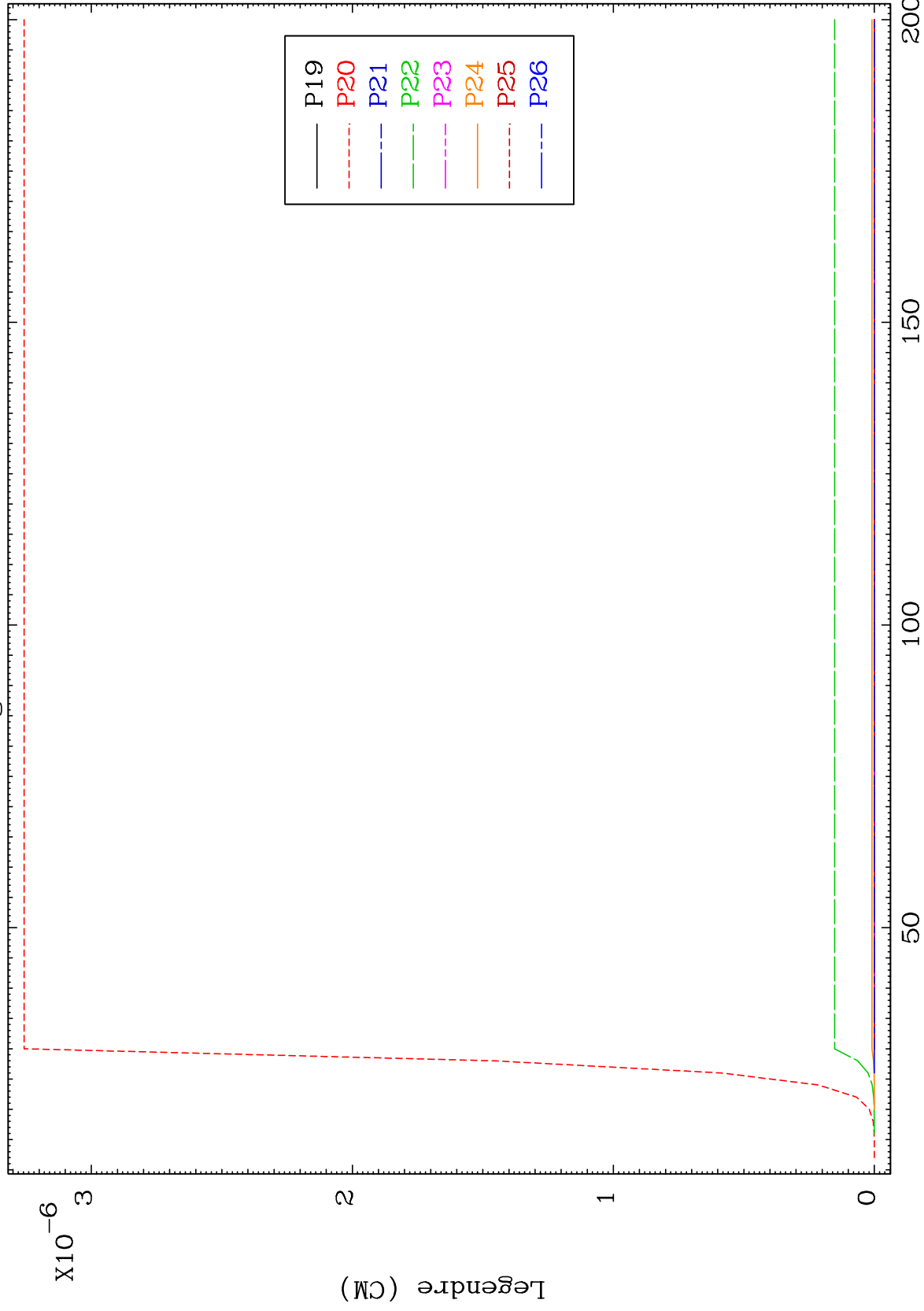
54-Xe-126



MAT 5431

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

54-Xe-126



63

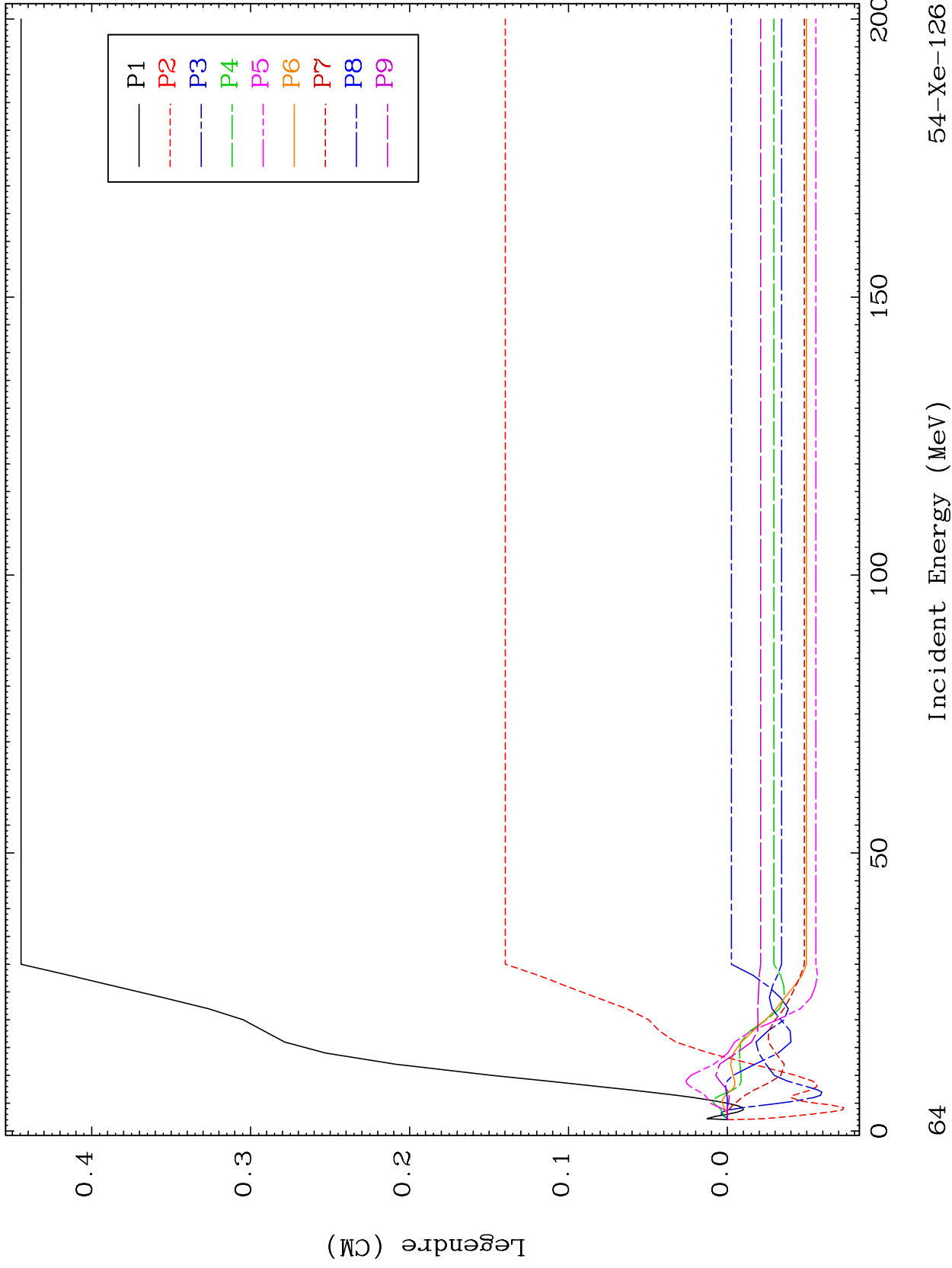
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126

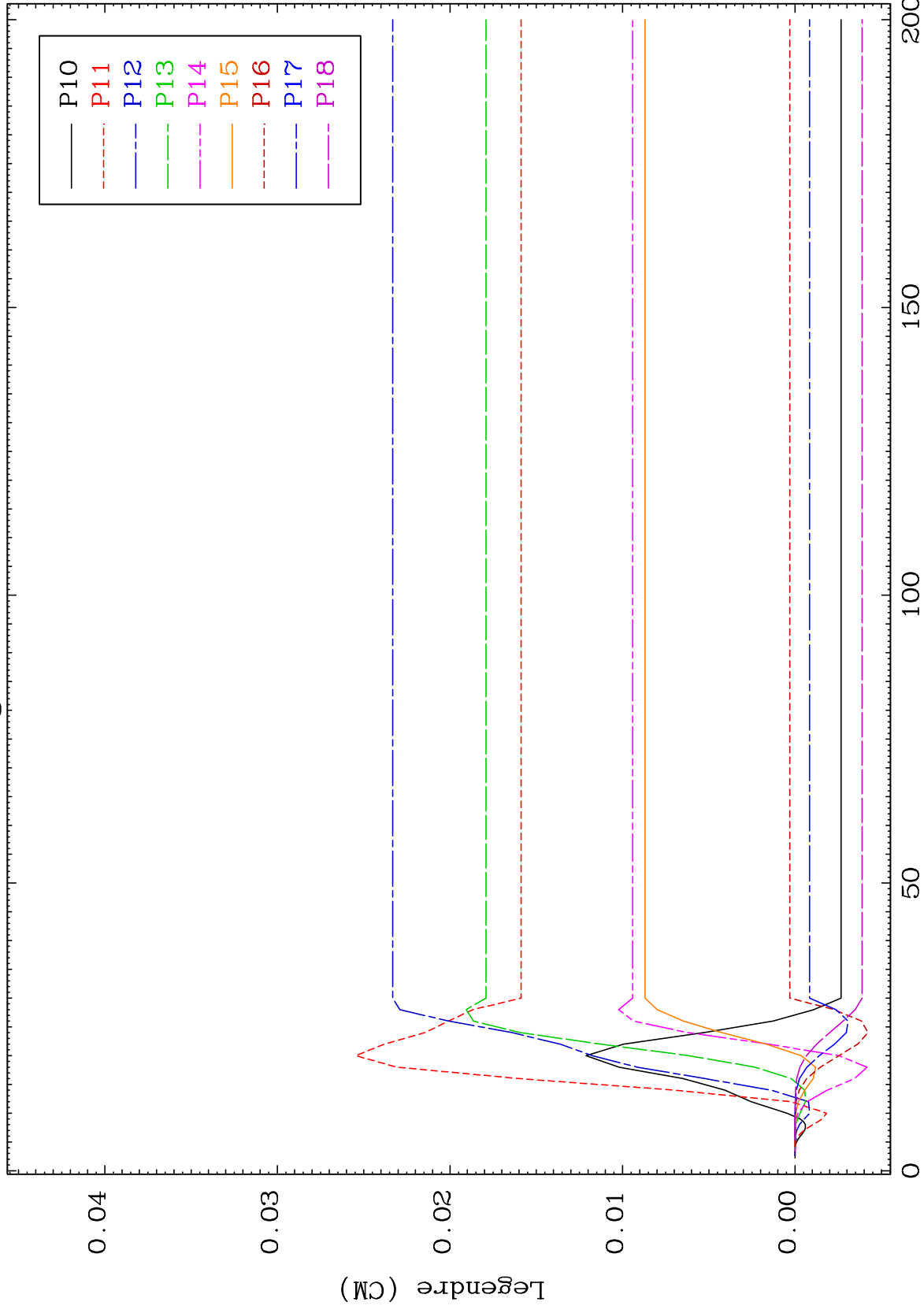


64

MAT 5431

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

54-Xe-126



65

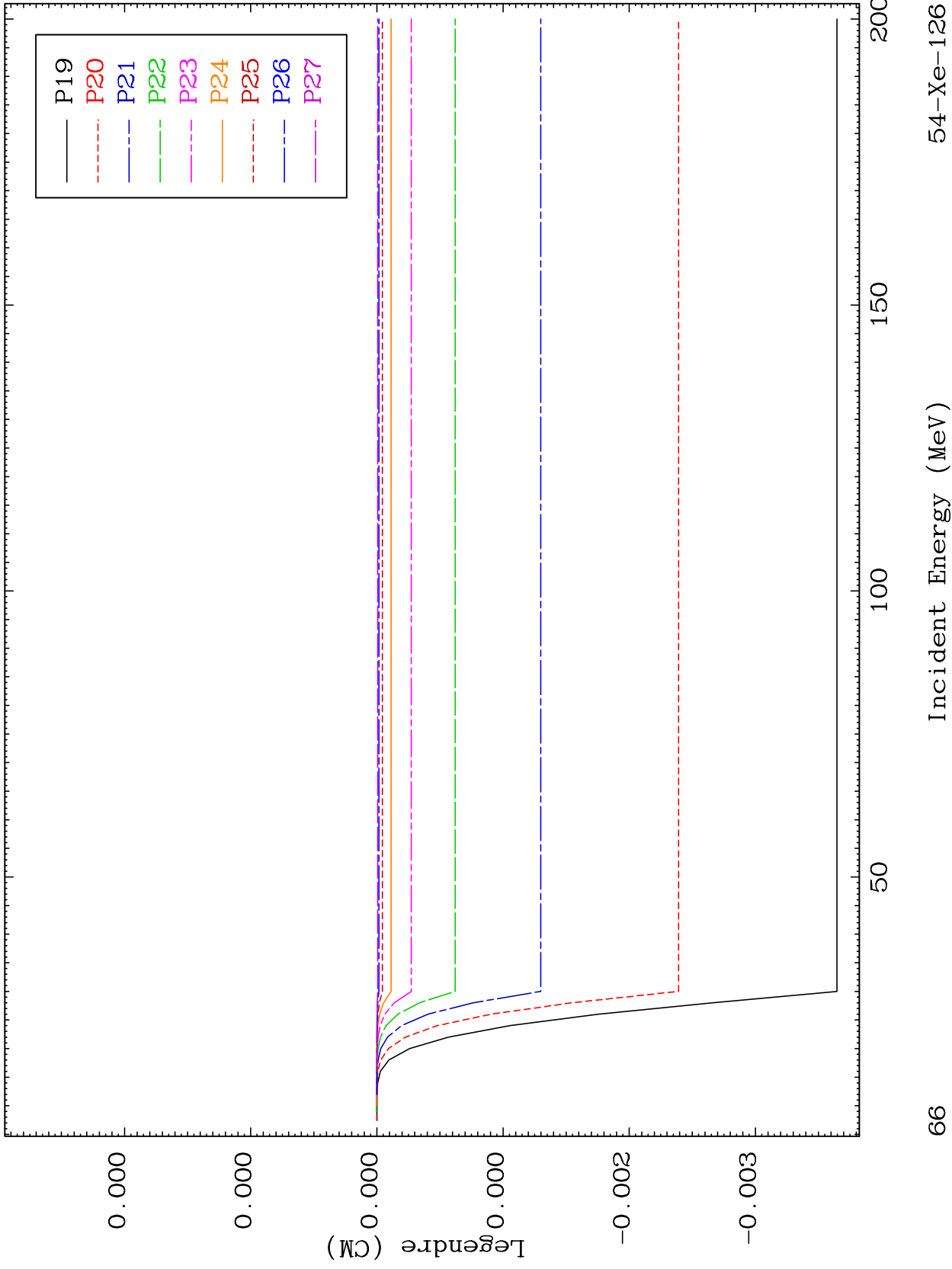
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



66

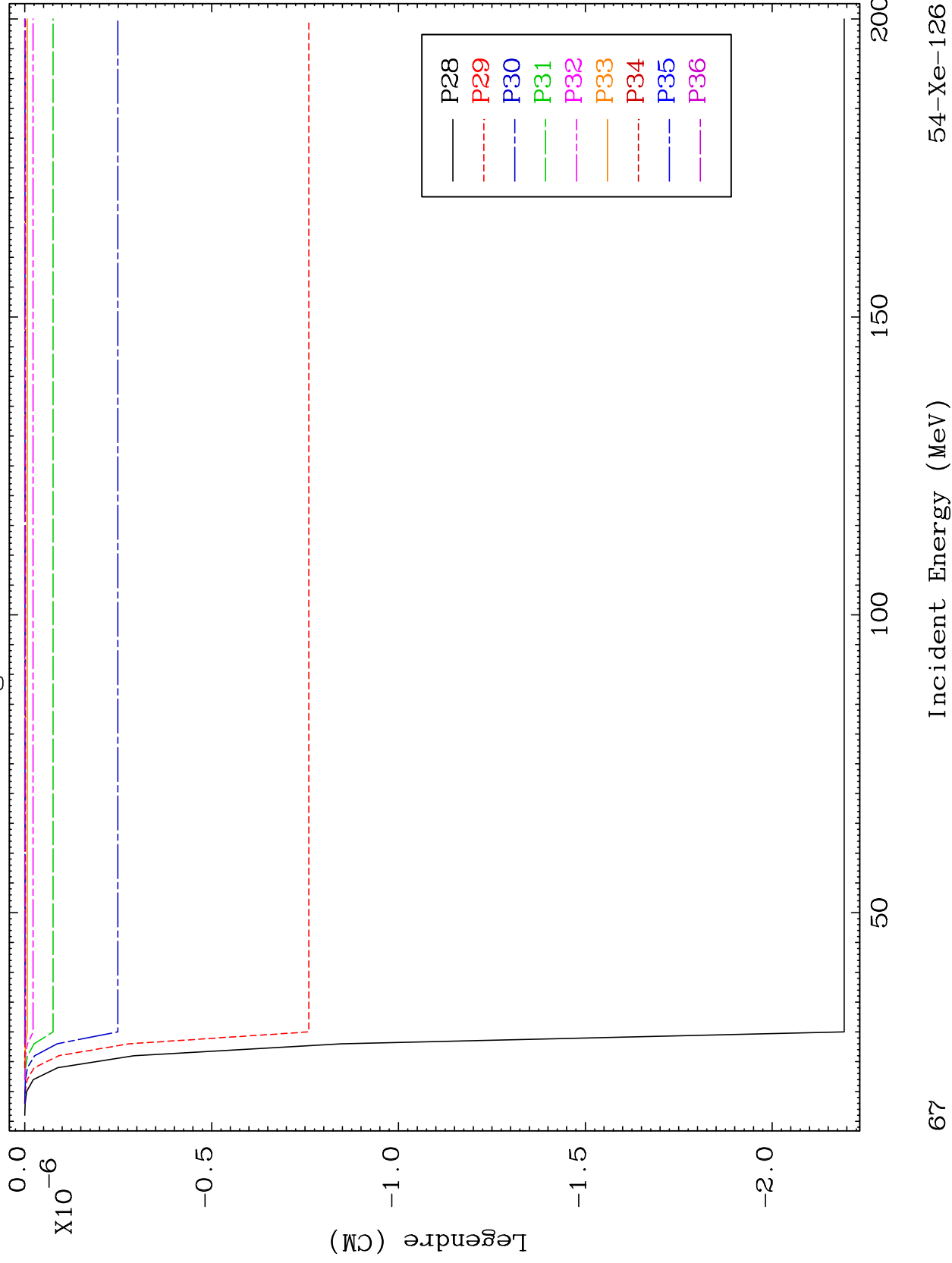
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

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



67

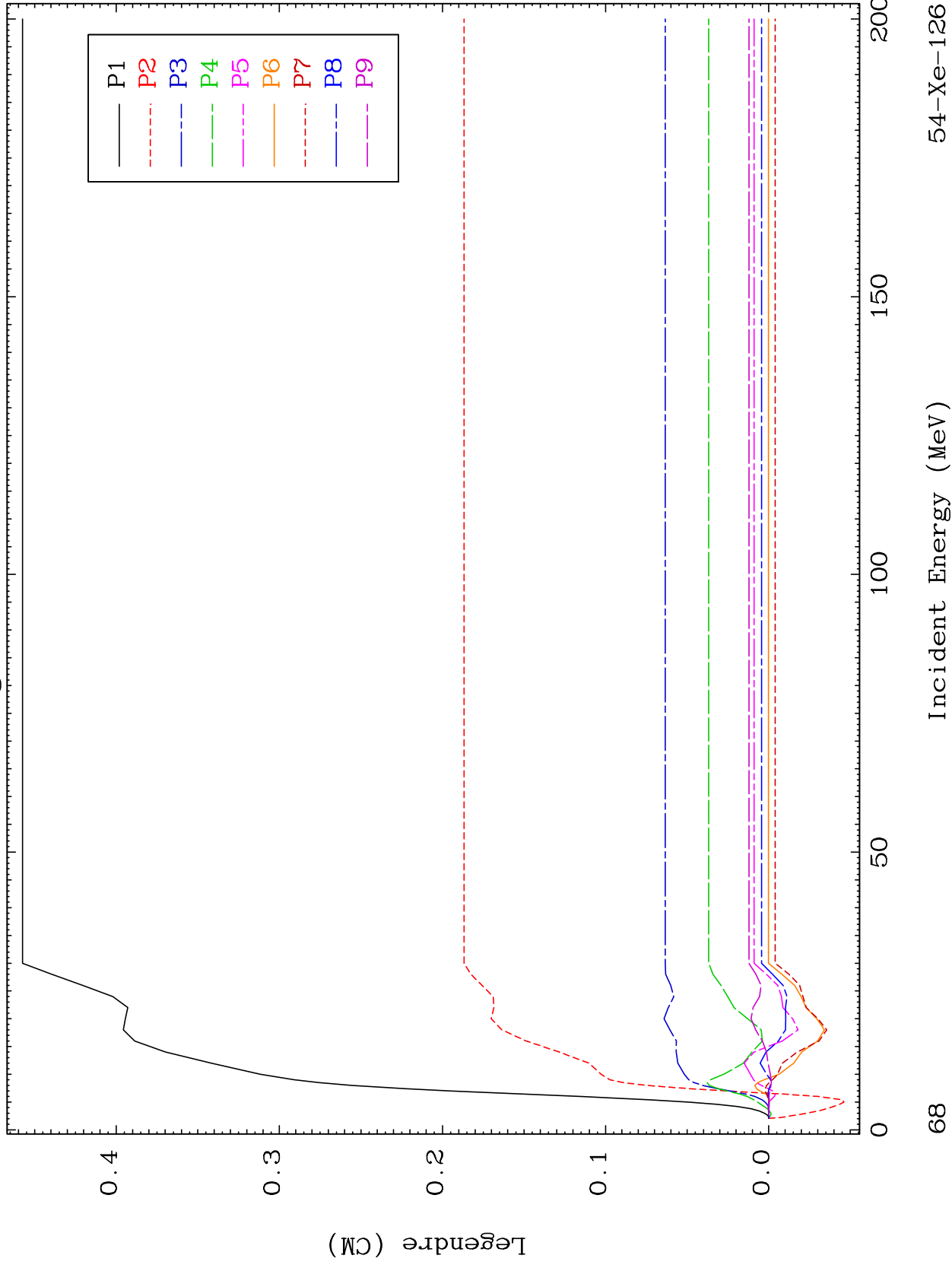
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

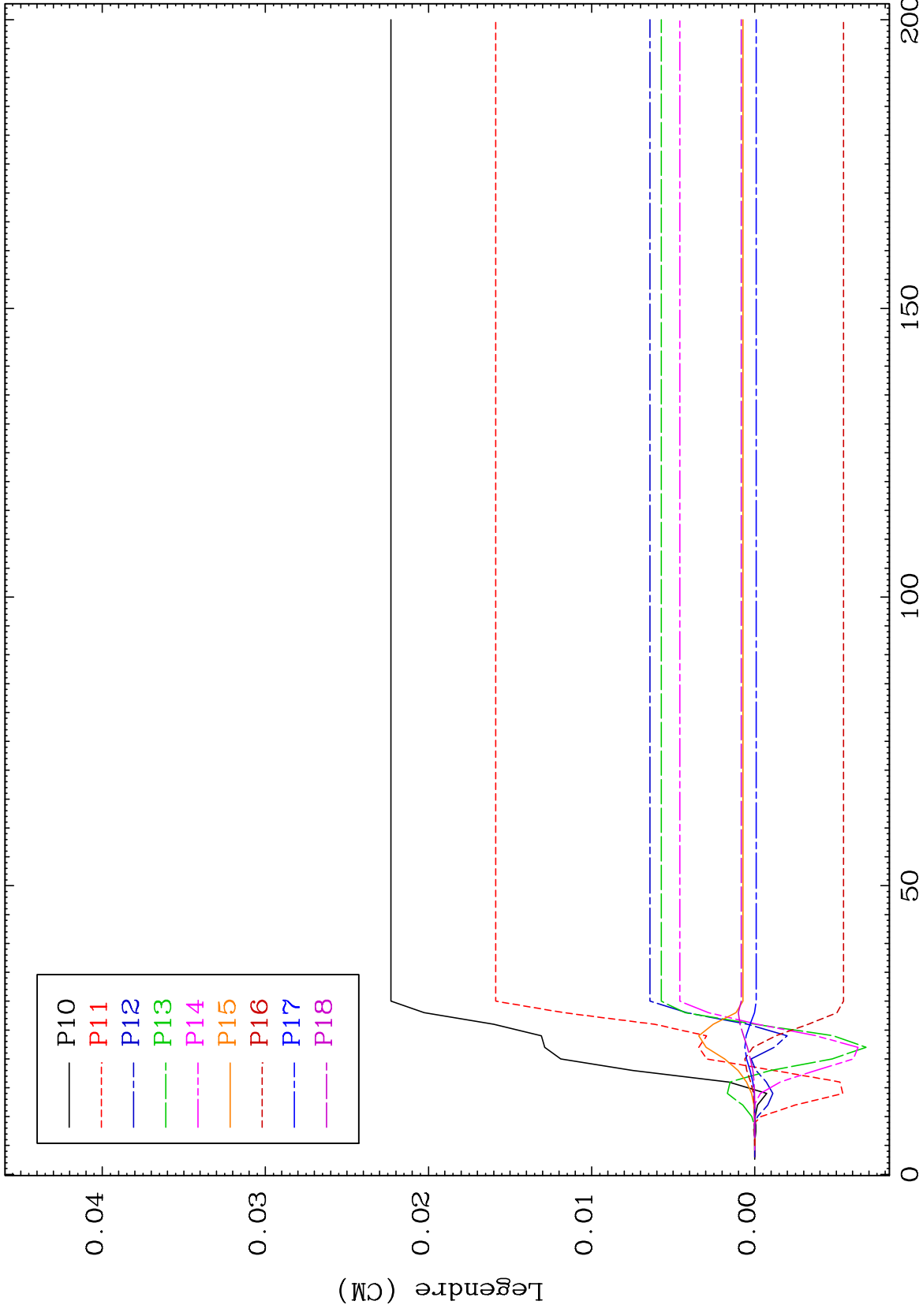
Incident Energy (MeV)

68

MAT 5431

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

54-Xe-126



69

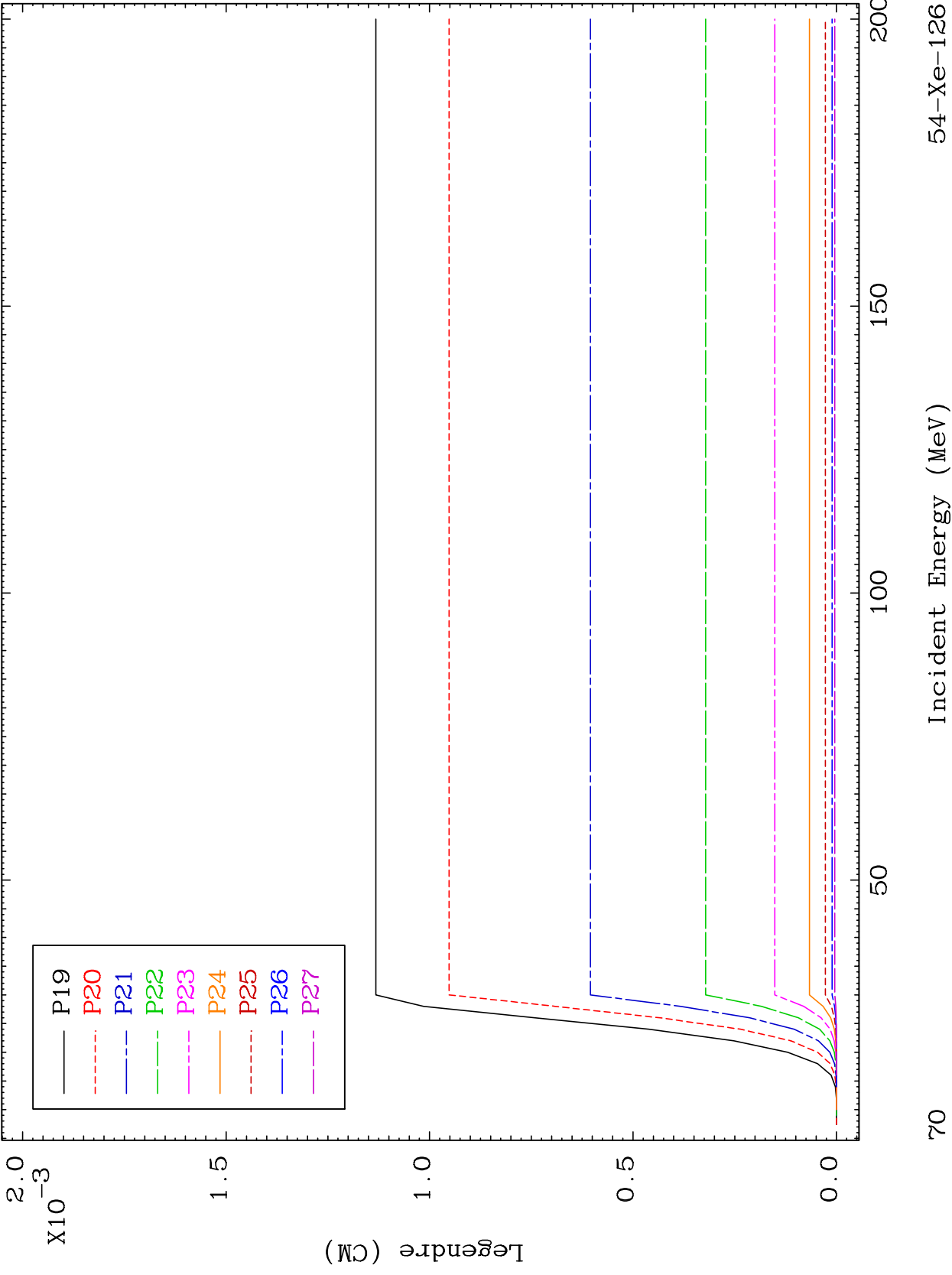
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

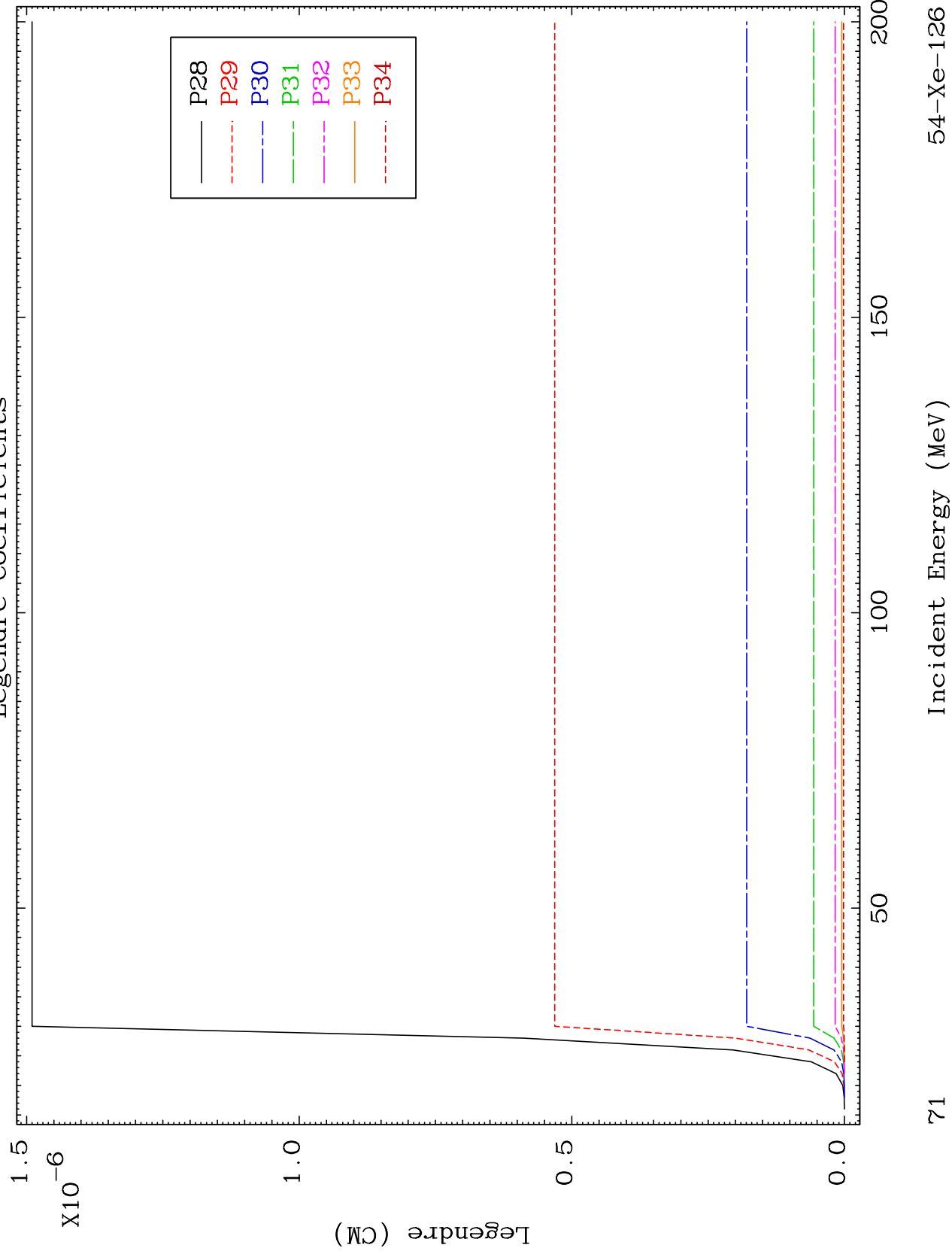
54-Xe-126



MAT 5431

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

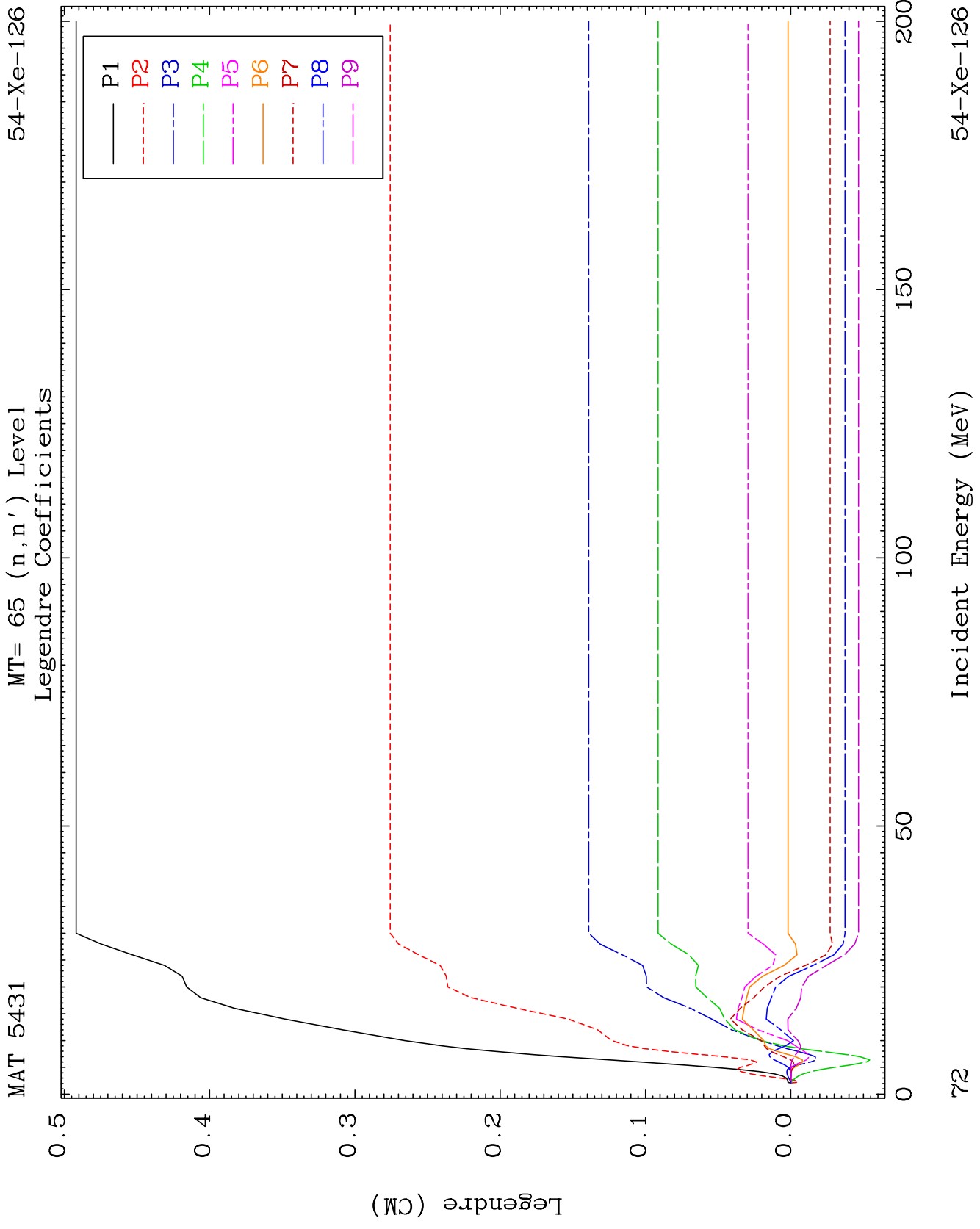
54-Xe-126



71

Incident Energy (MeV)

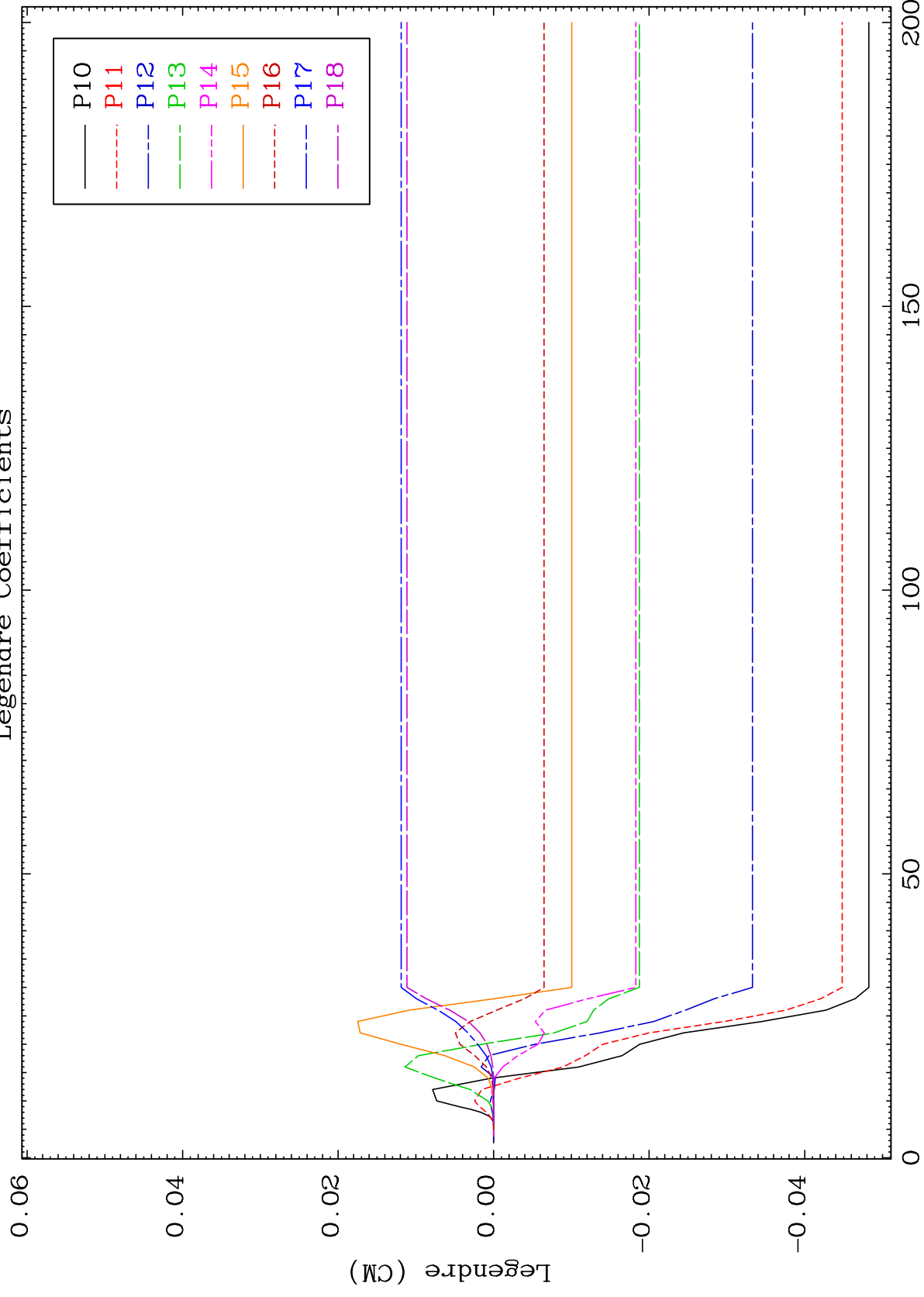
54-Xe-126



MAT 5431

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

54-Xe-126



73

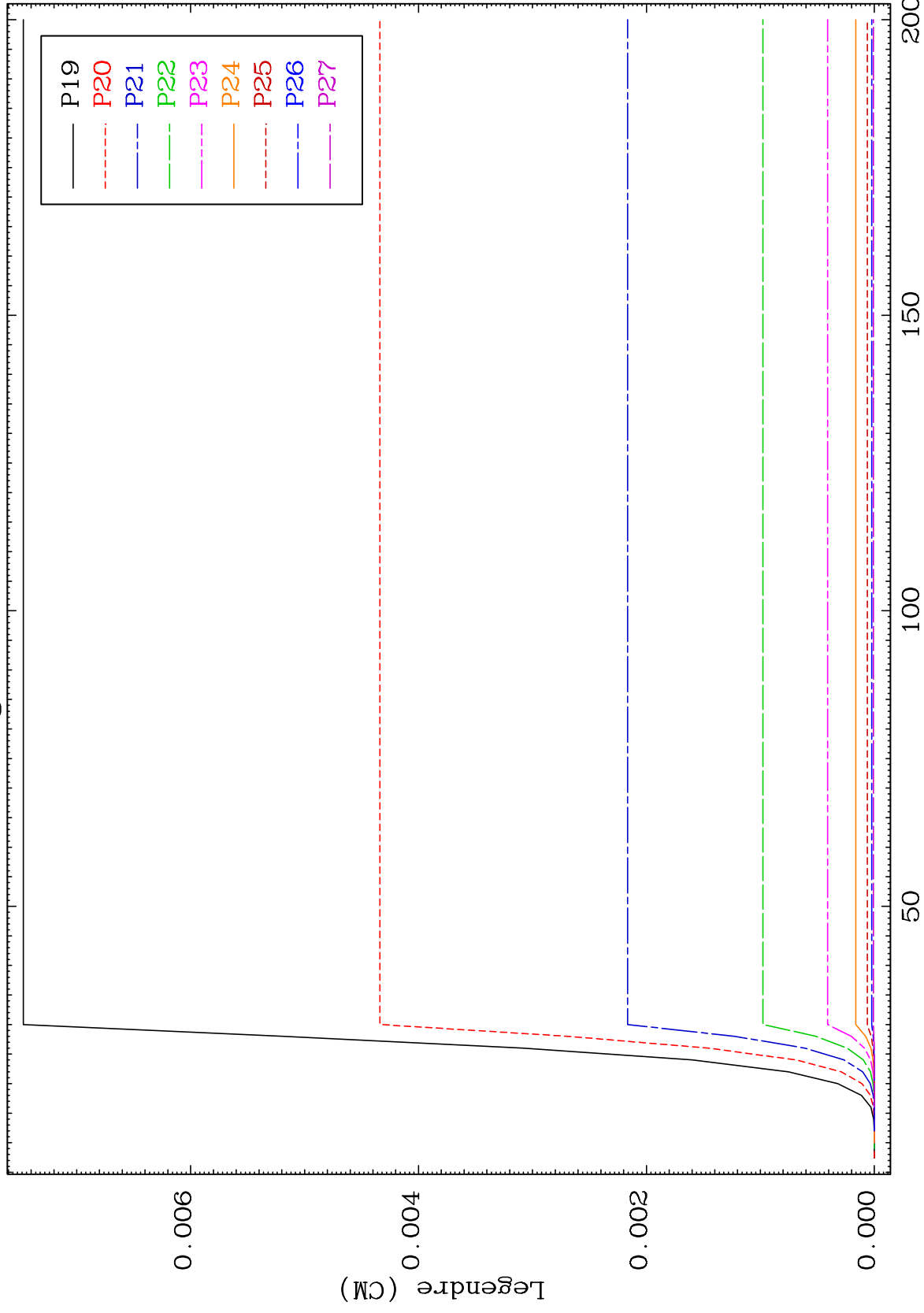
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



74

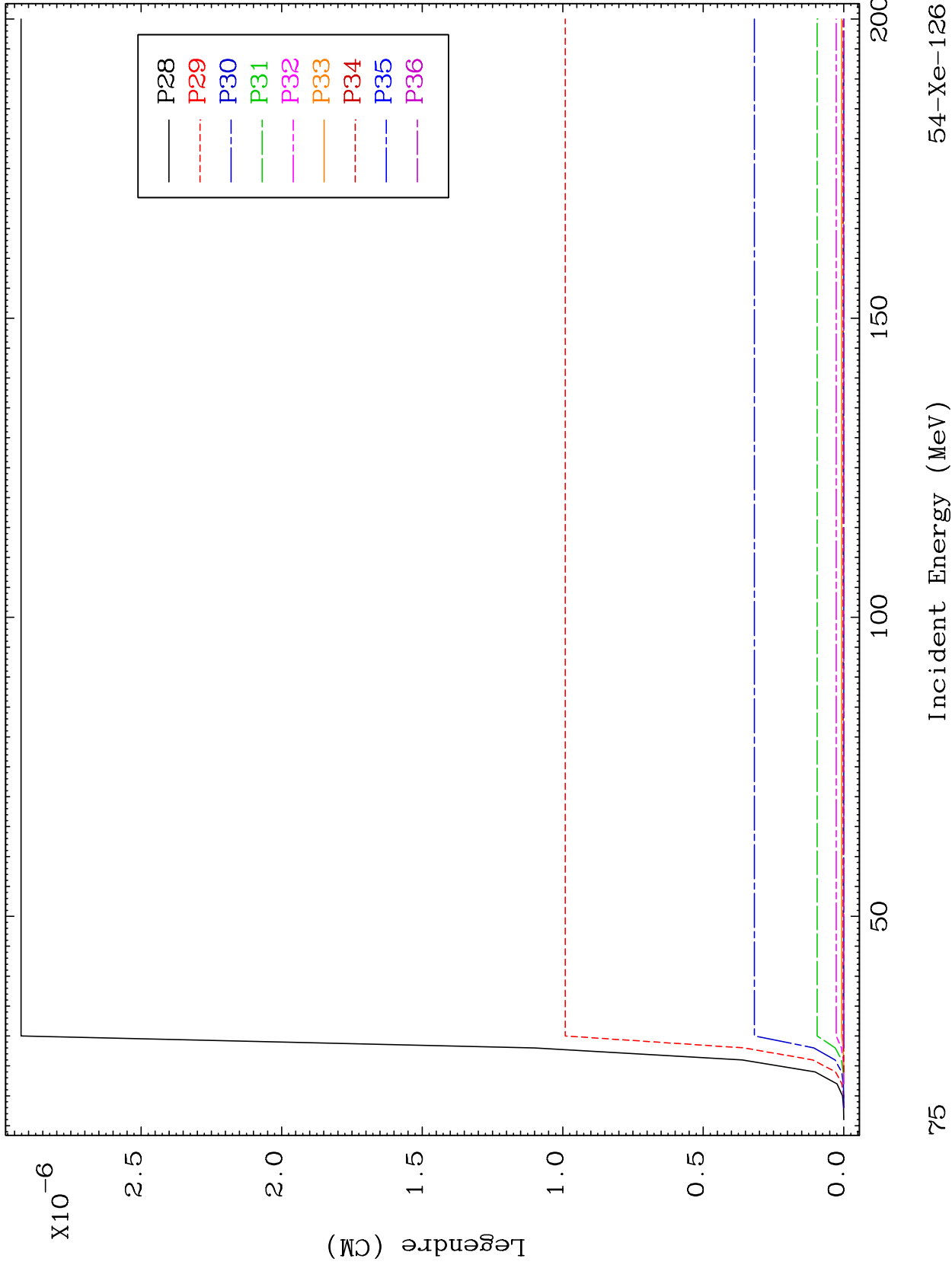
Incident Energy (MeV)

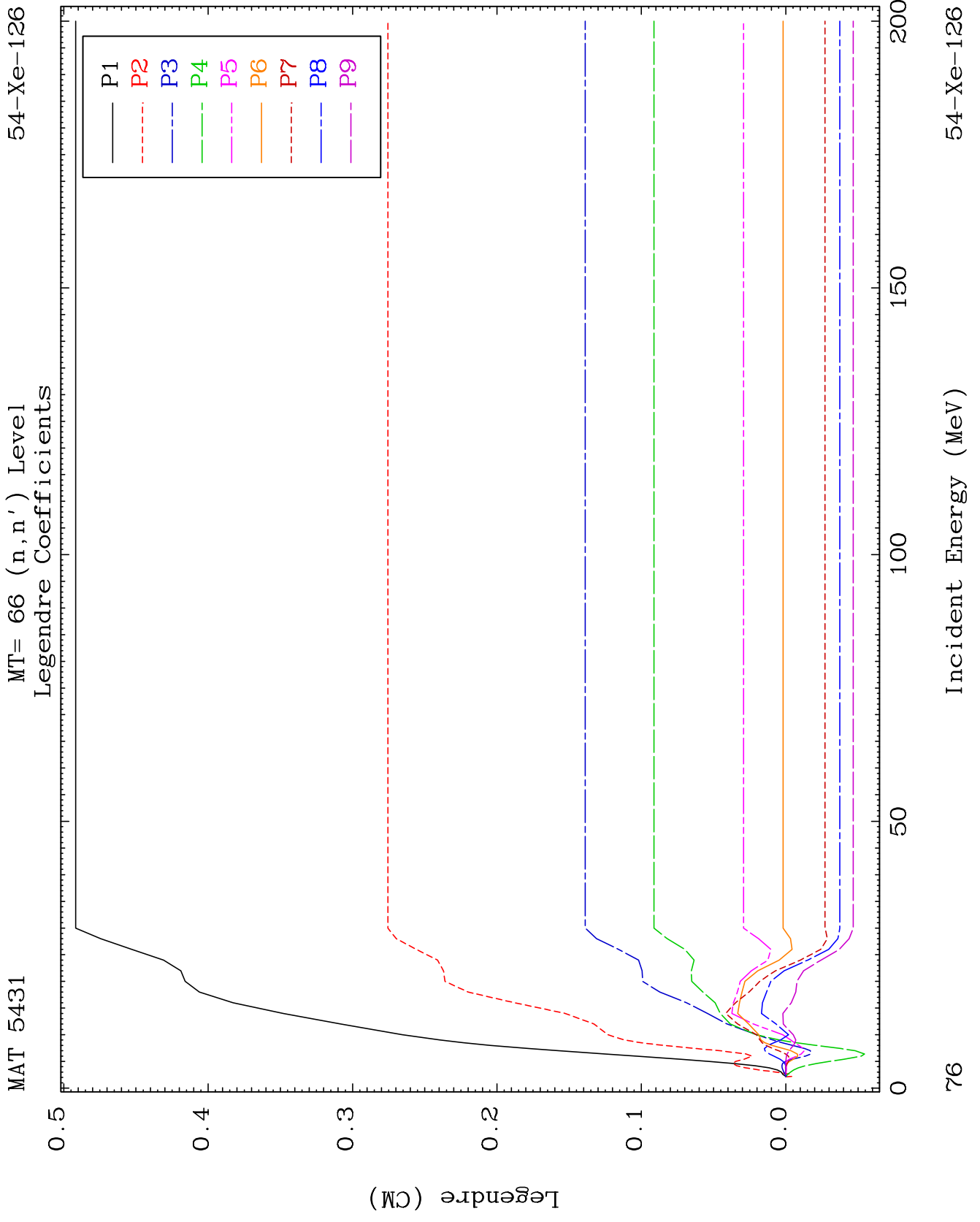
54-Xe-126

MAT 5431

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

54-Xe-126

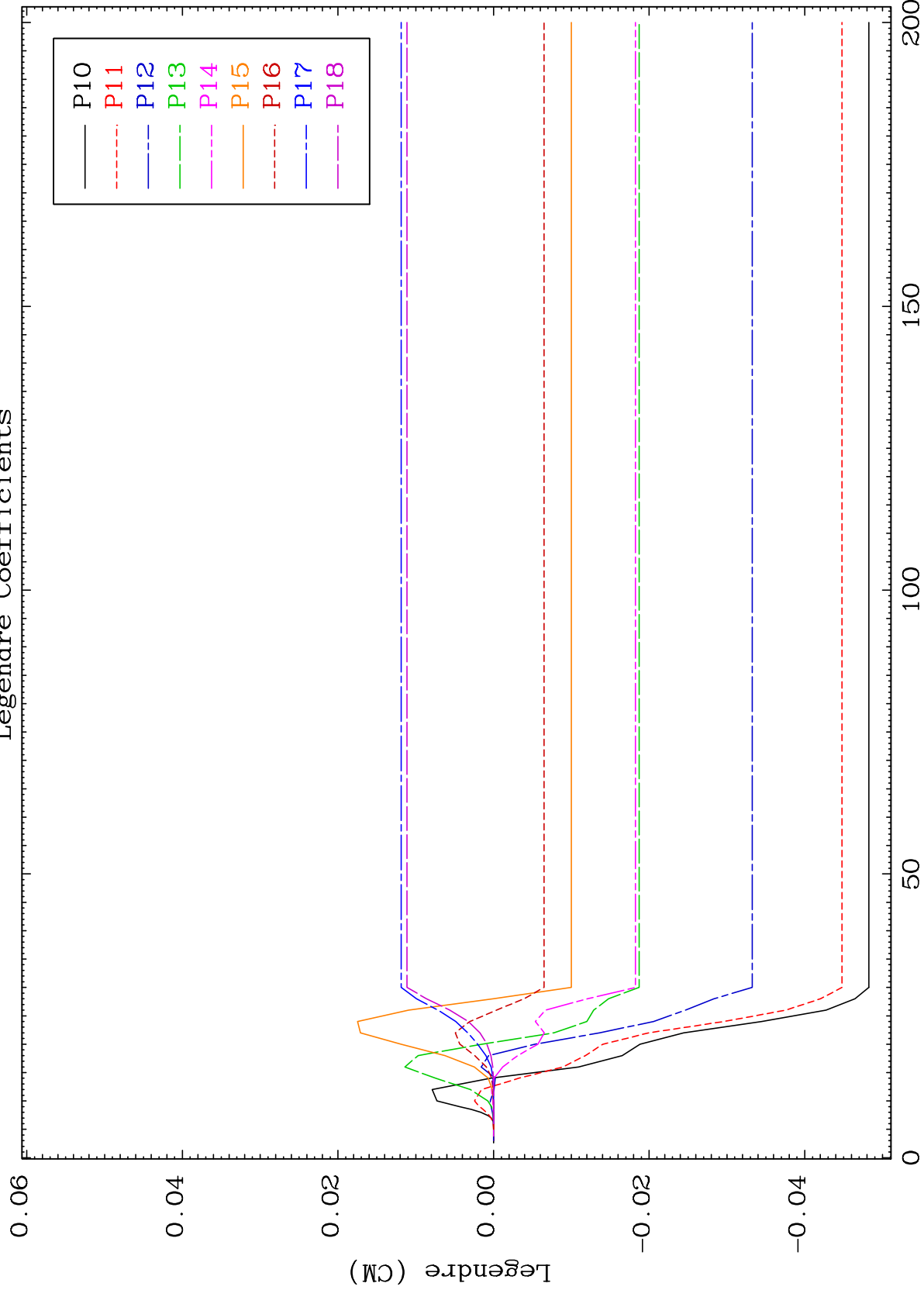




MAT 5431

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

54-Xe-126



77

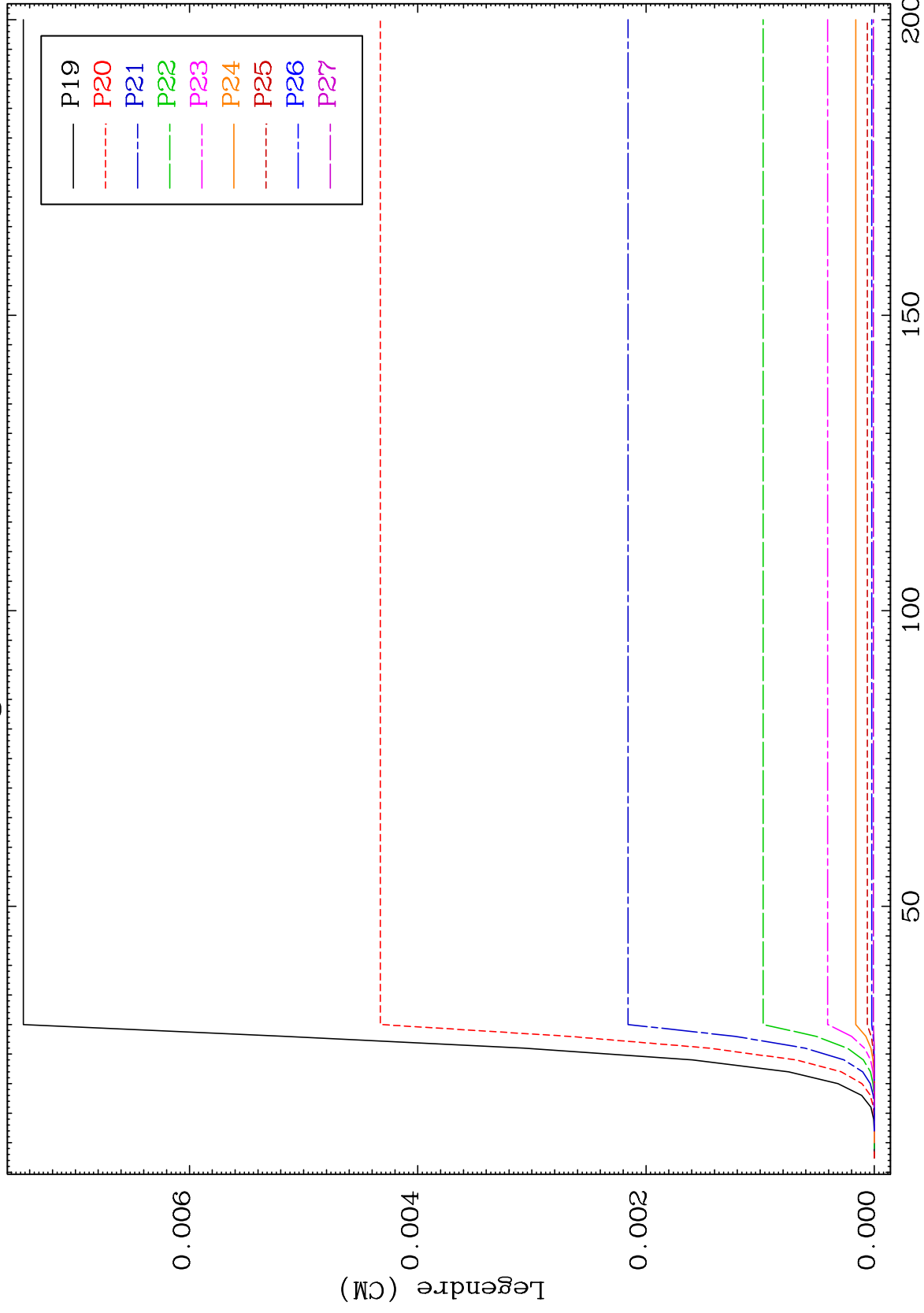
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



78

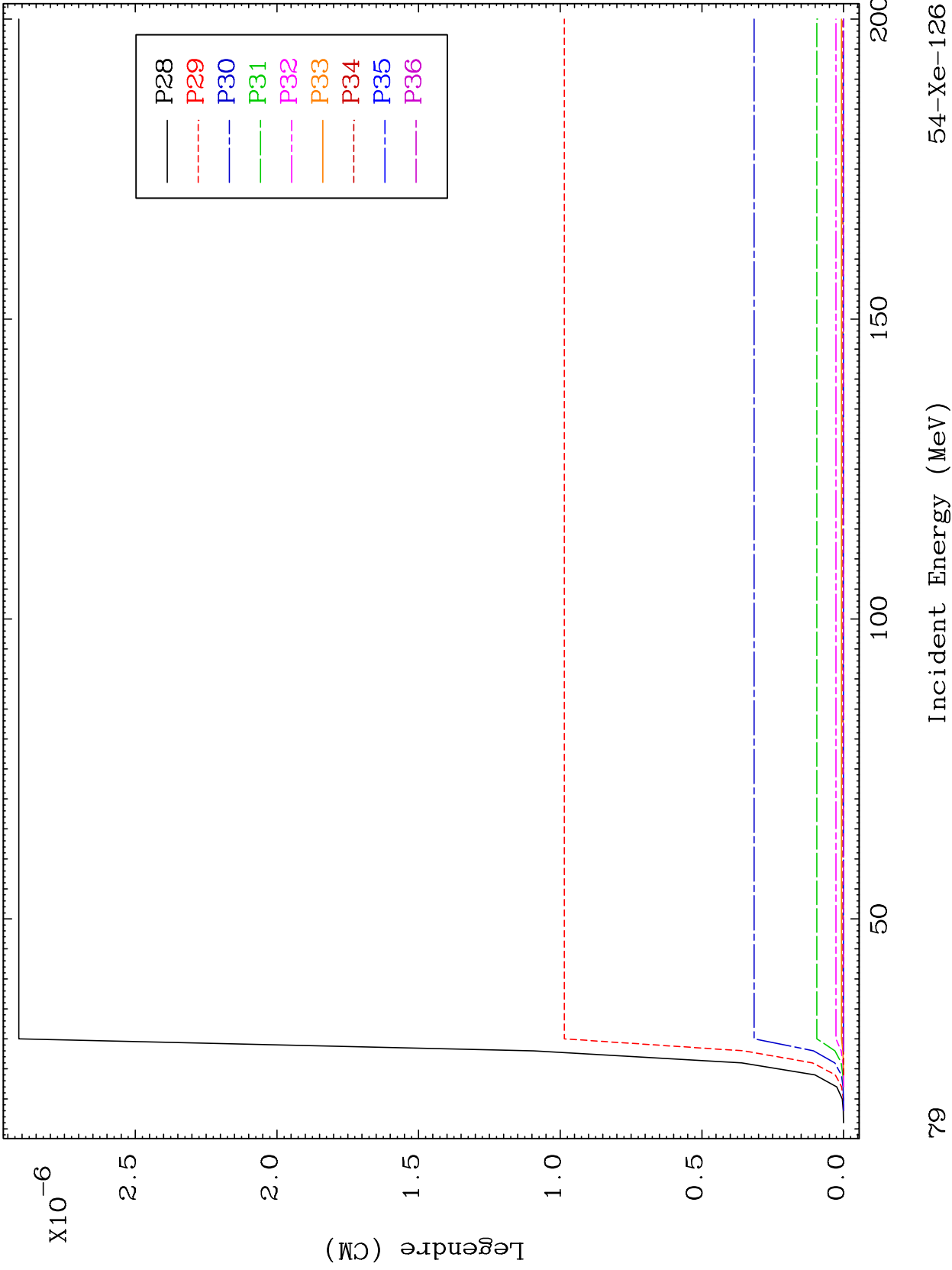
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



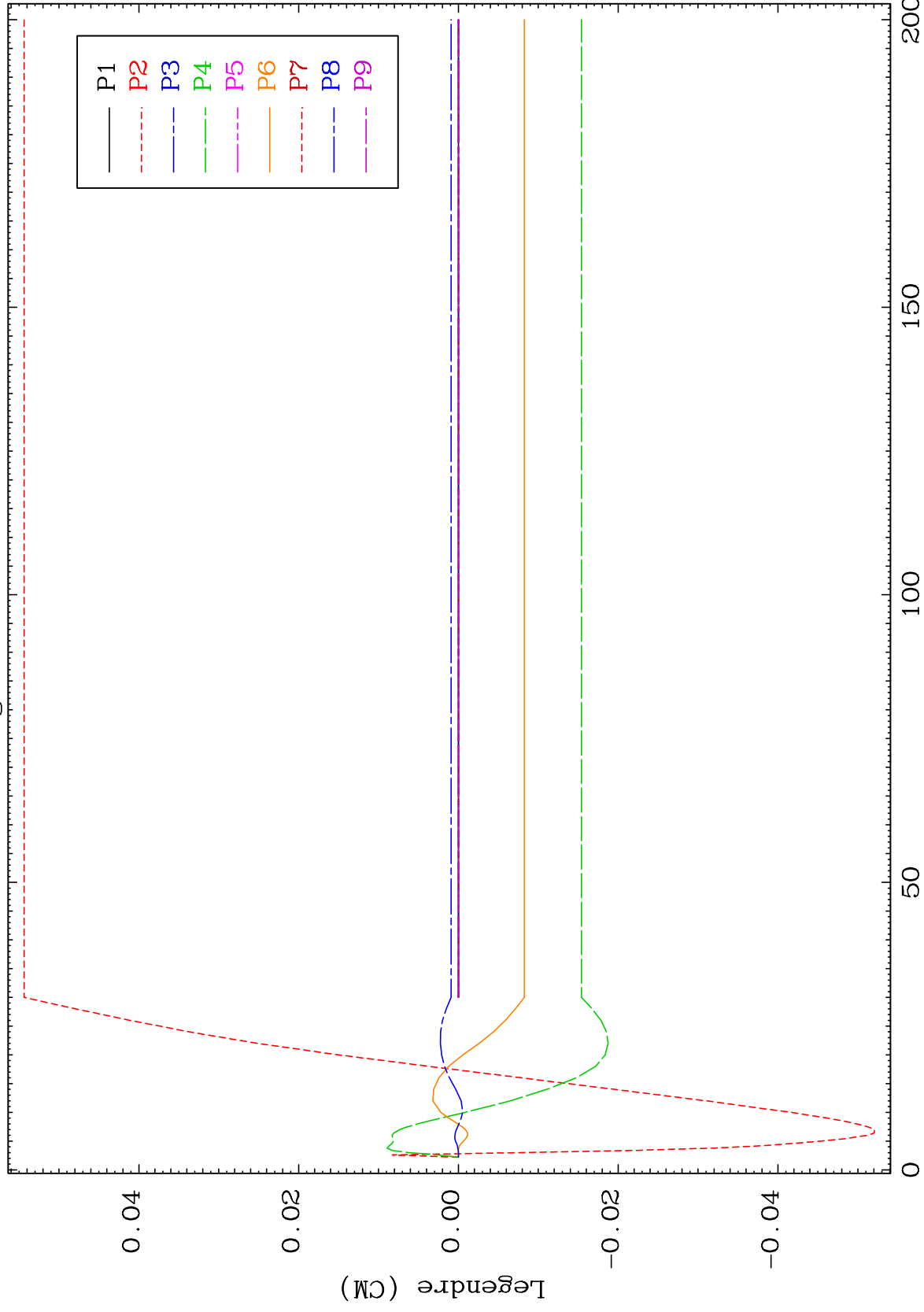
79

54-Xe-126

MAT 5431

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

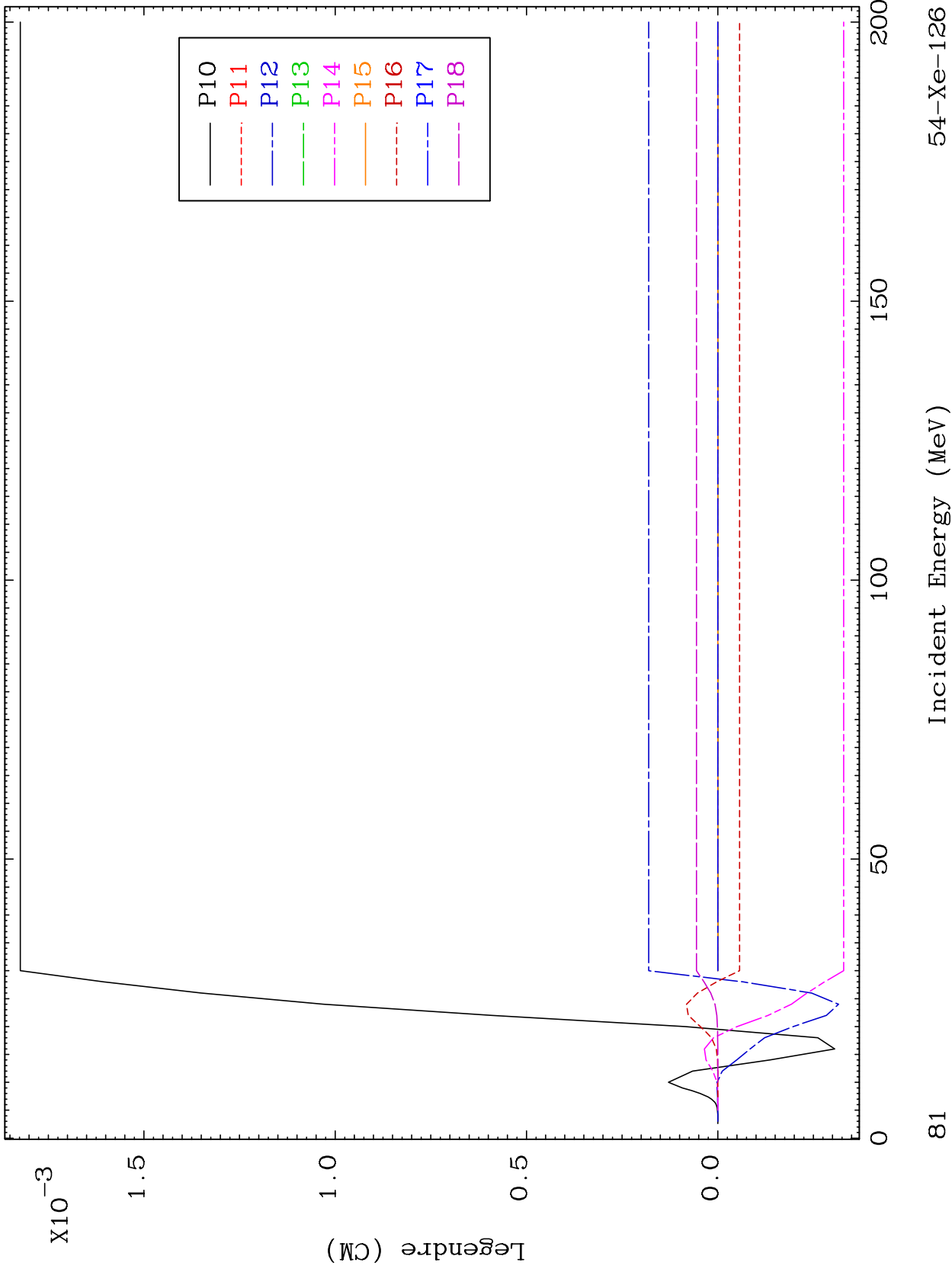
54-Xe-126



54-Xe-126

Incident Energy (MeV)

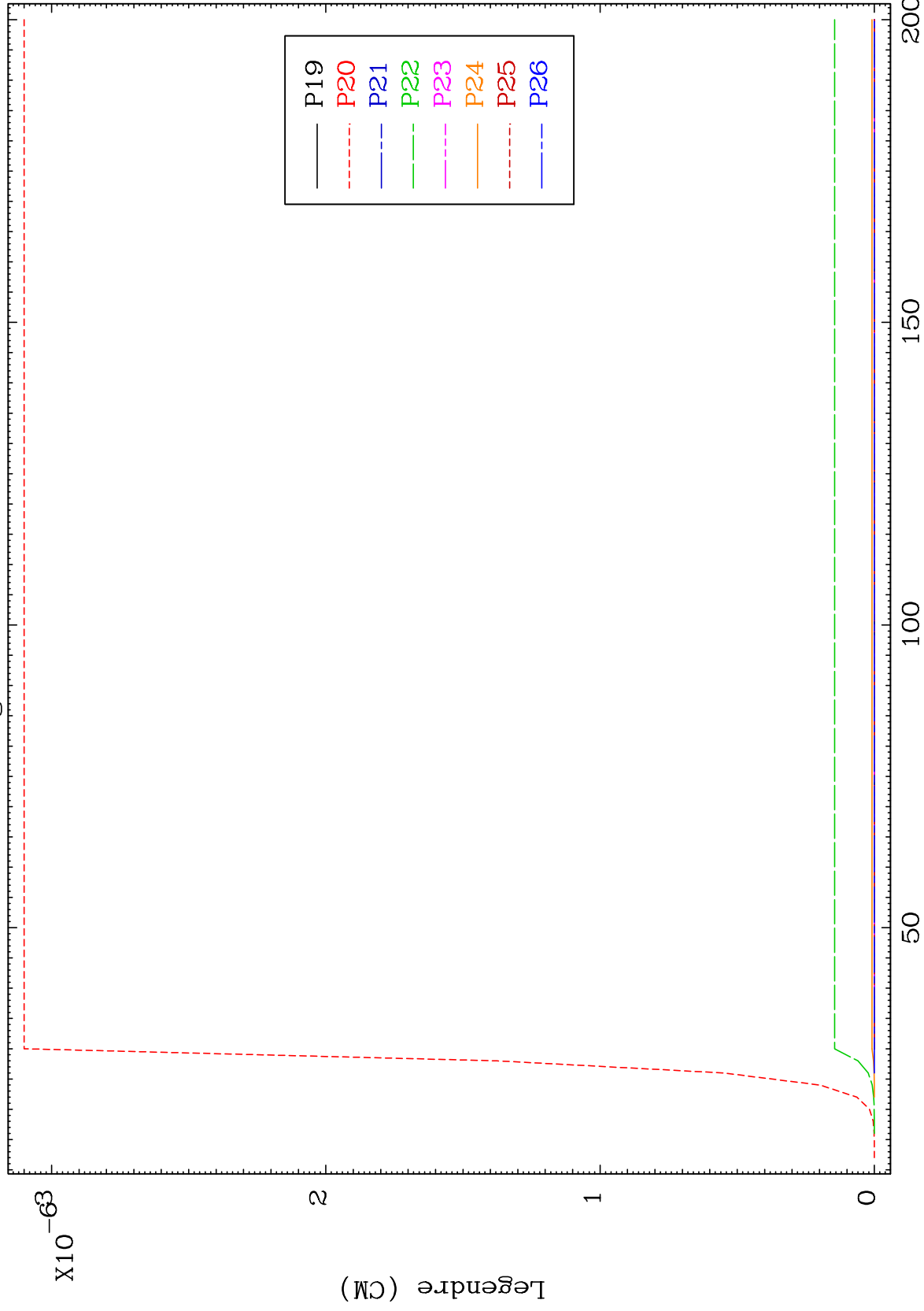
80



MAT 5431

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

54-Xe-126



82

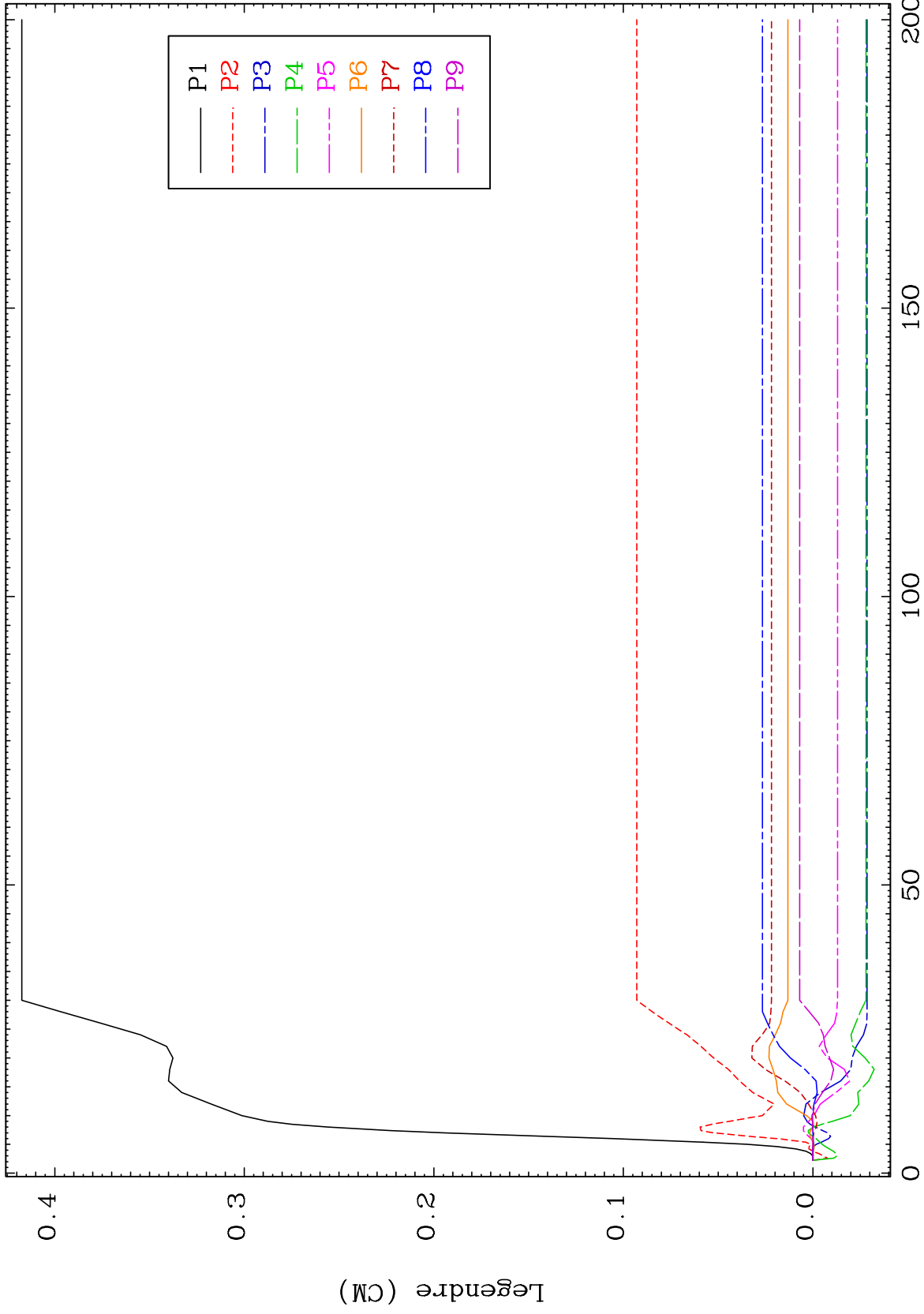
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



83

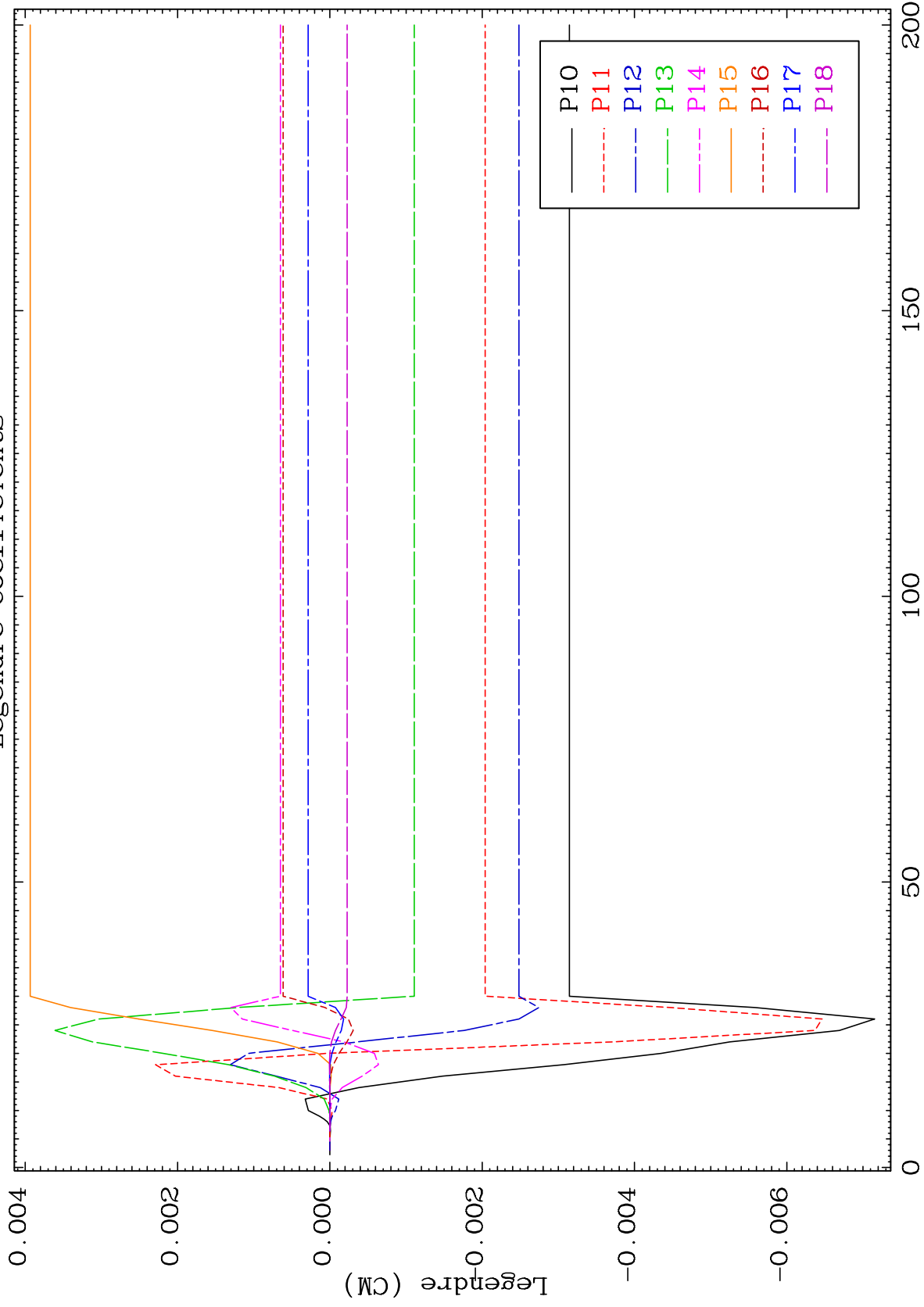
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



84

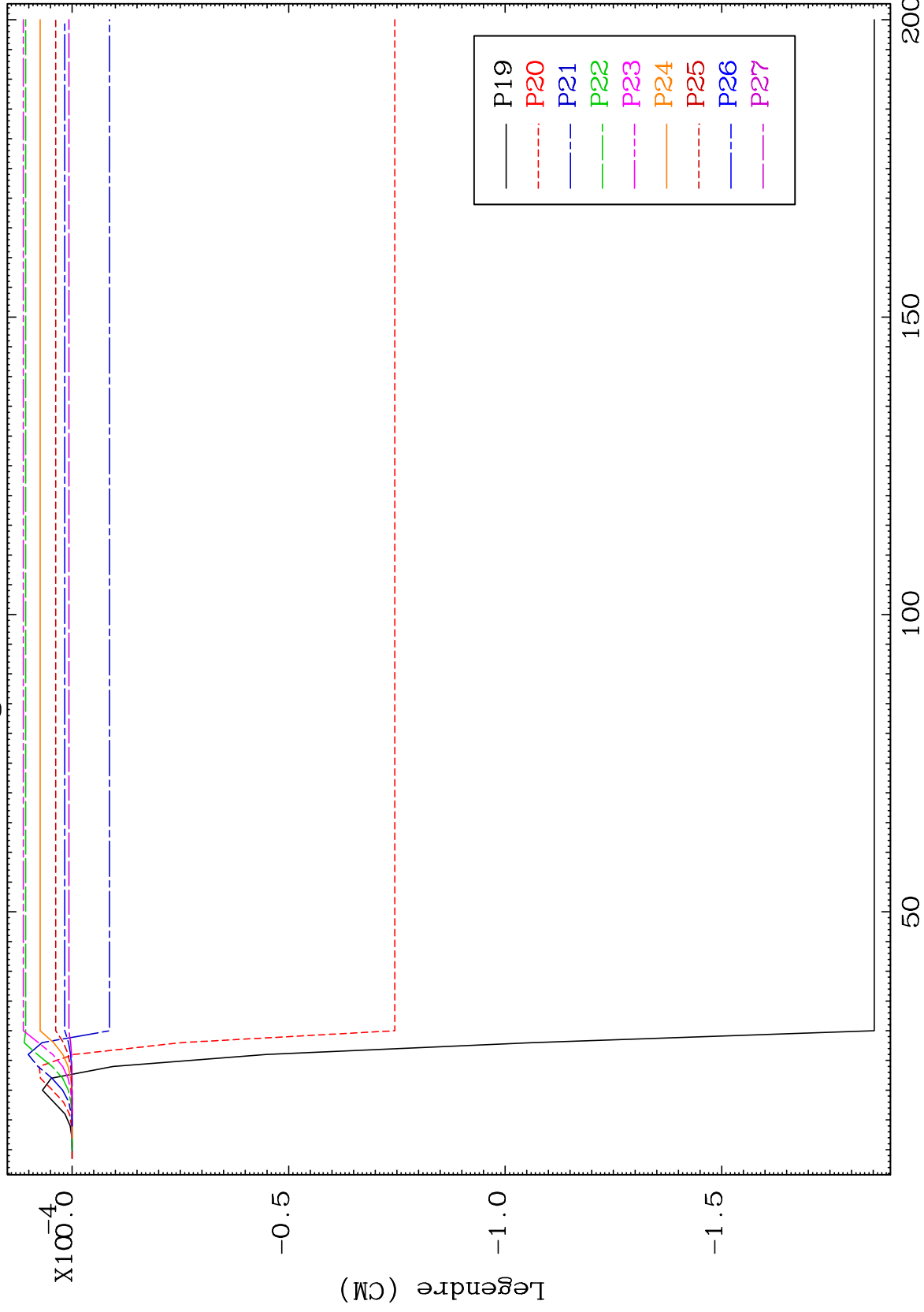
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



85

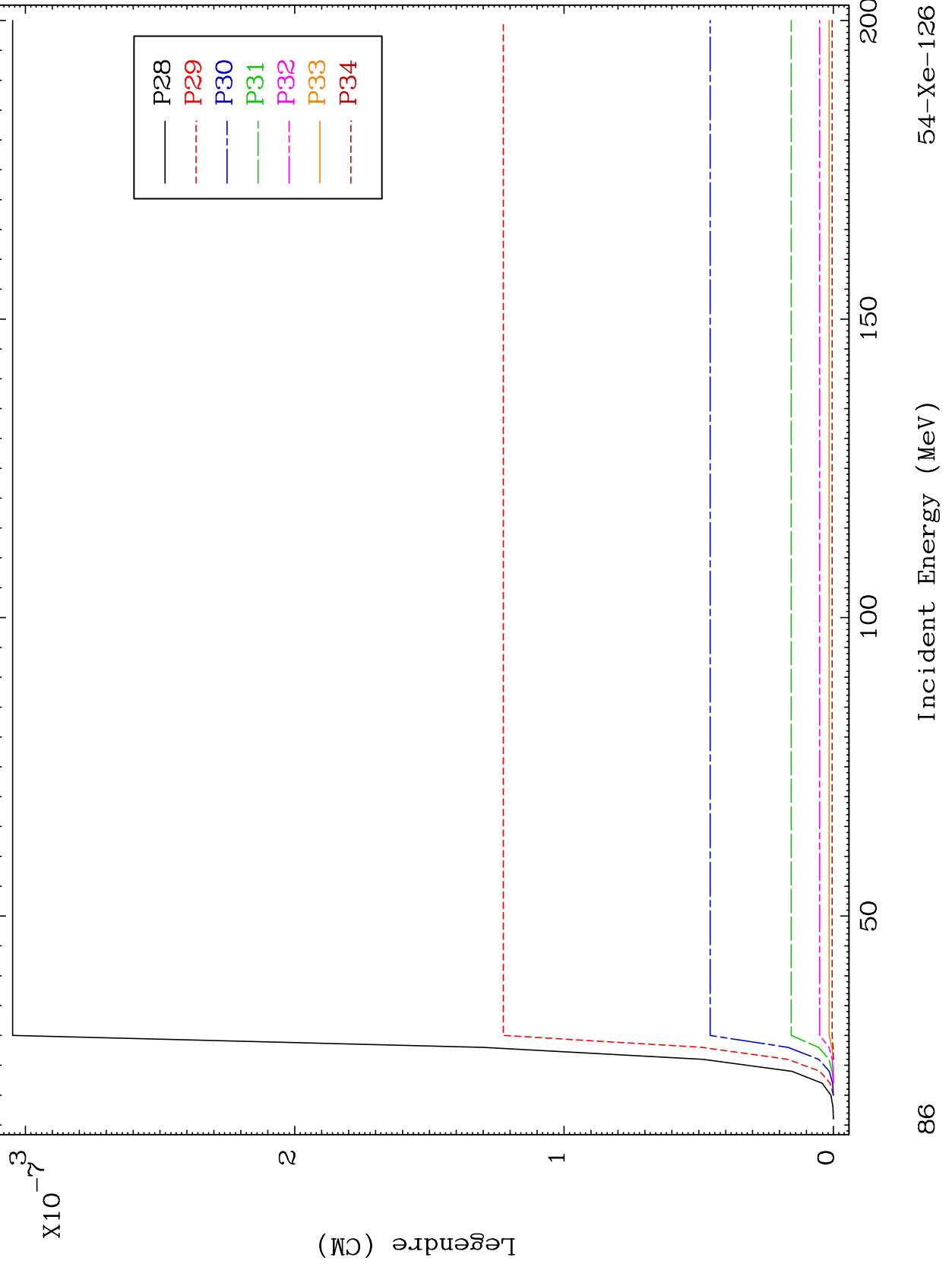
Incident Energy (MeV)

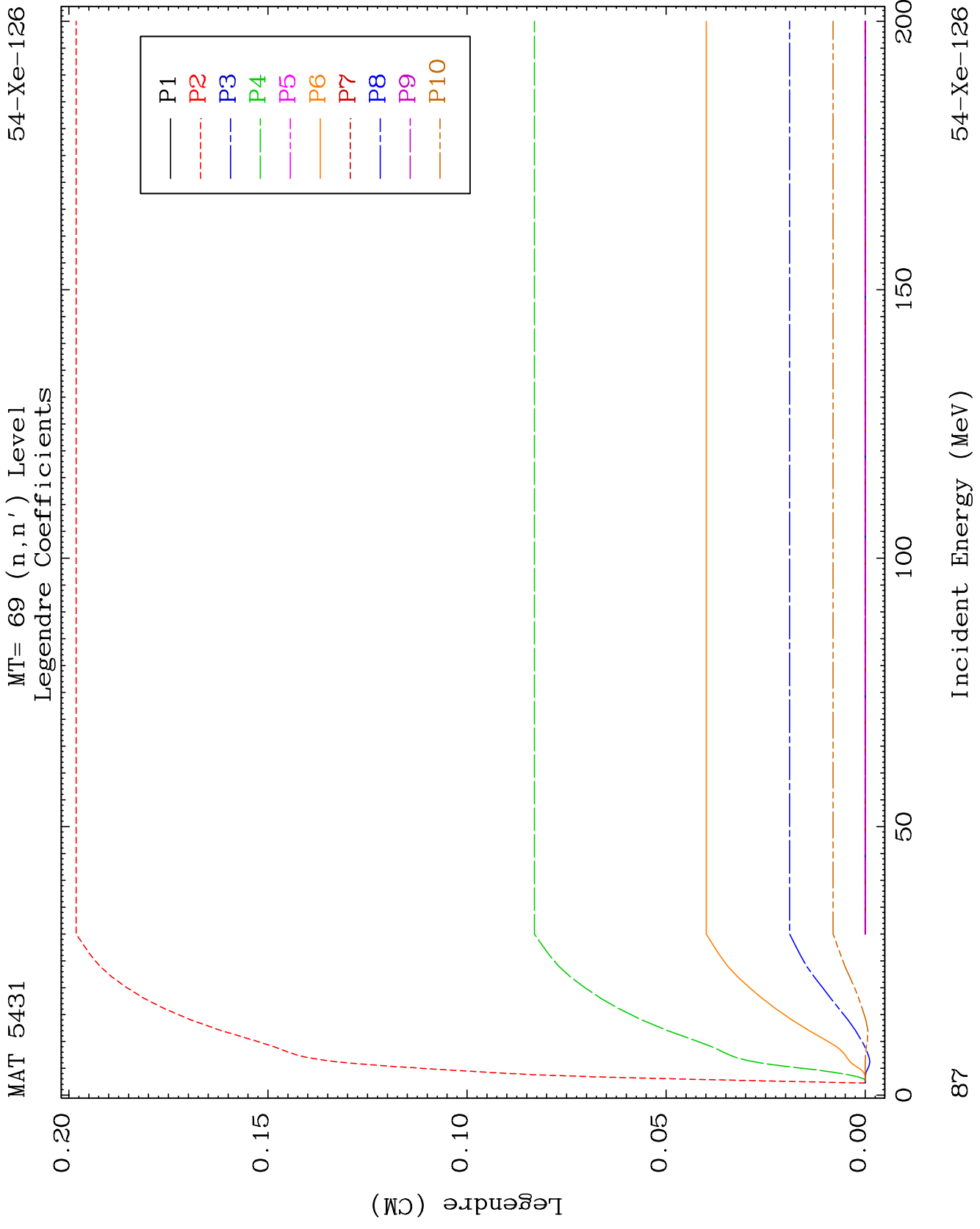
54-Xe-126

MAT 5431

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

54-Xe-126

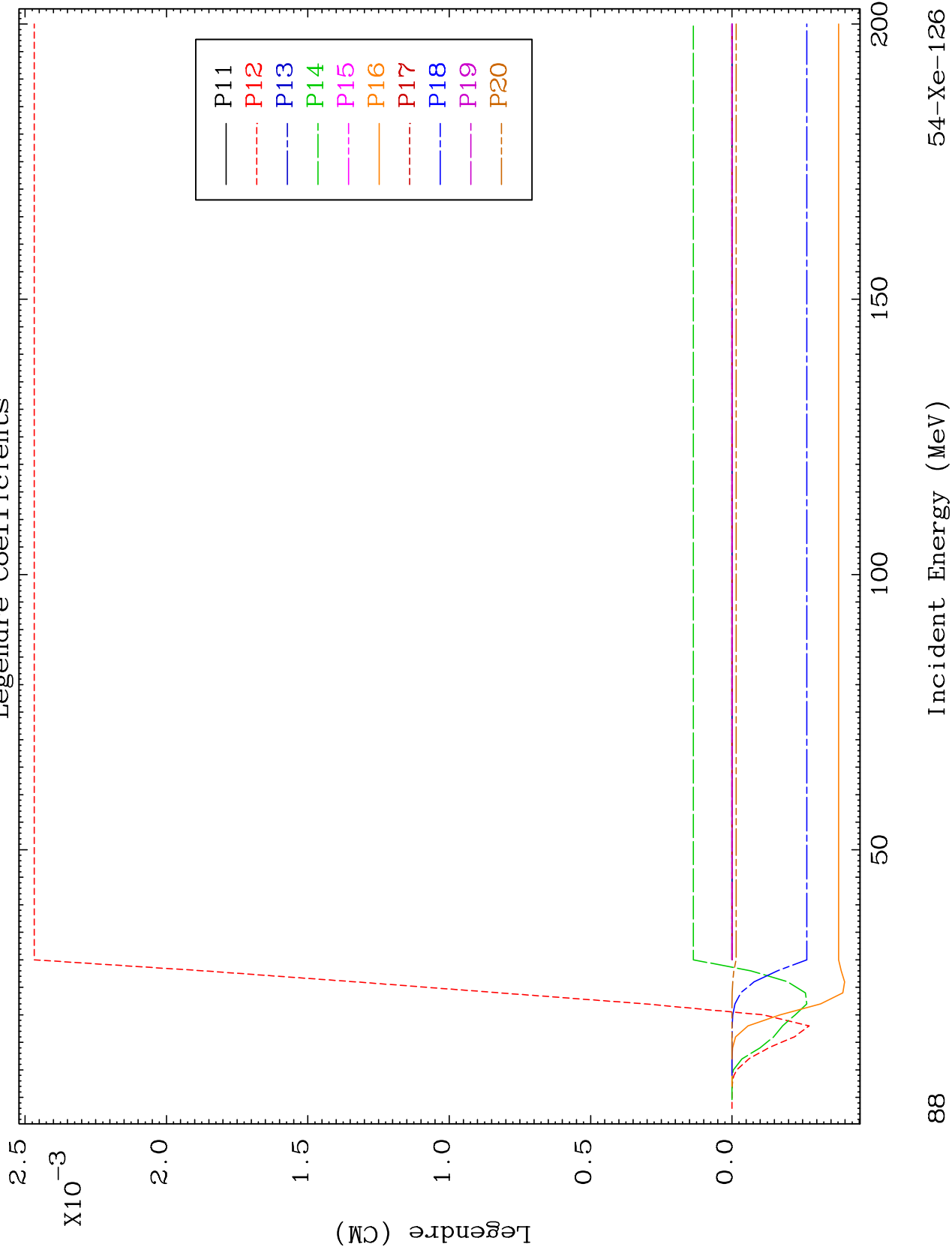




MAT 5431

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

54-Xe-126



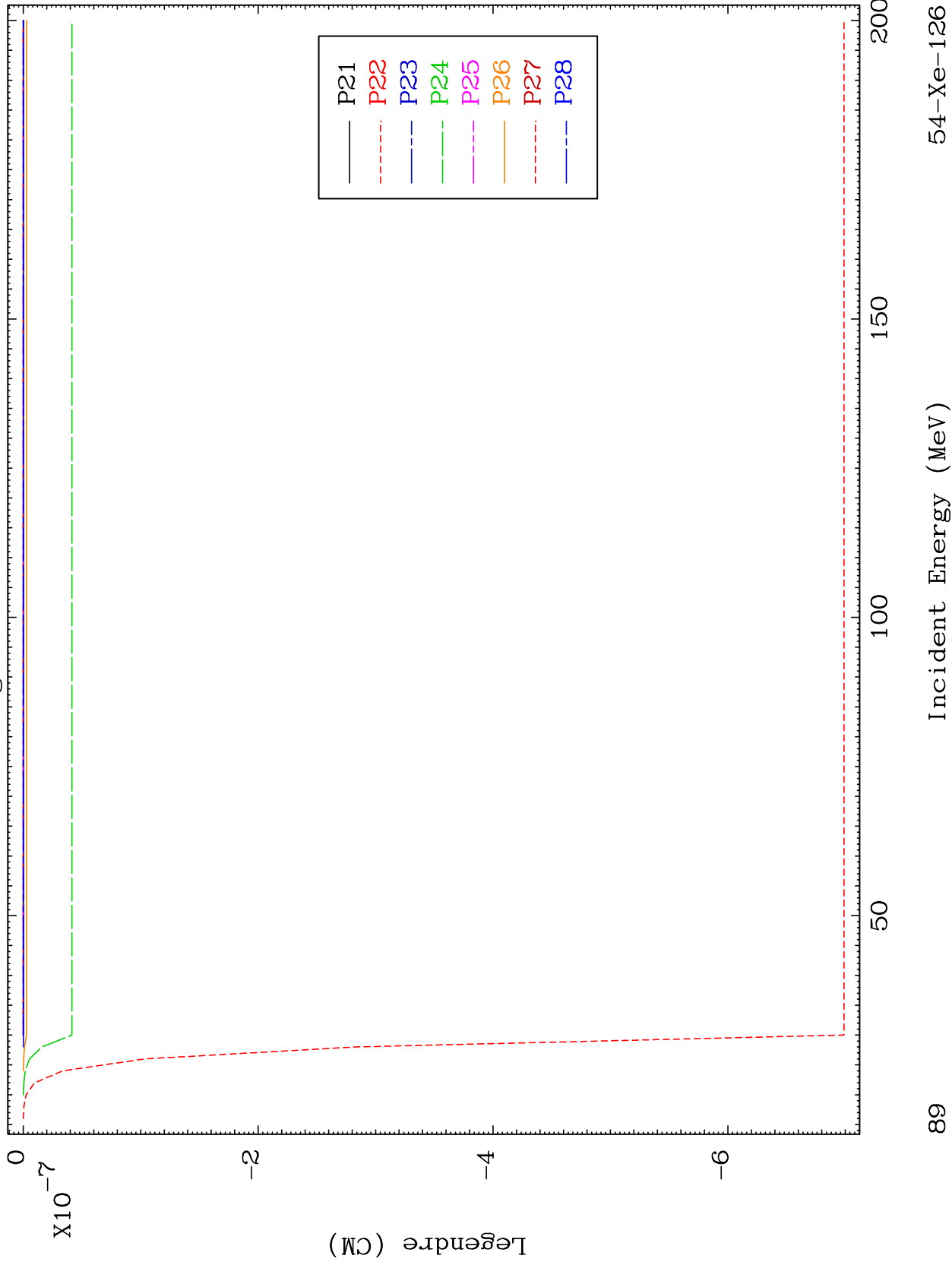
88

54-Xe-126

MAT 5431

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

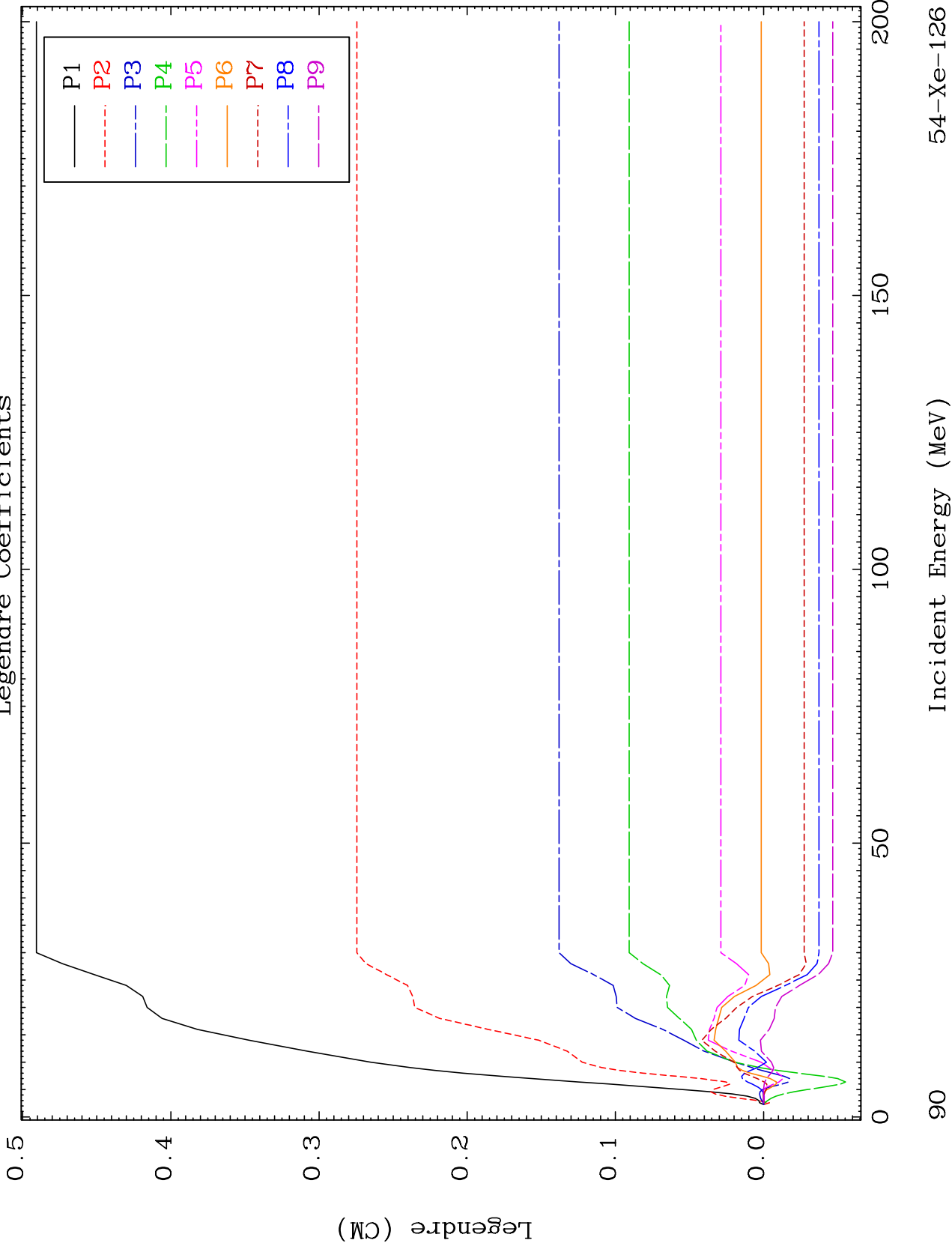
54-Xe-126



MAT 5431

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

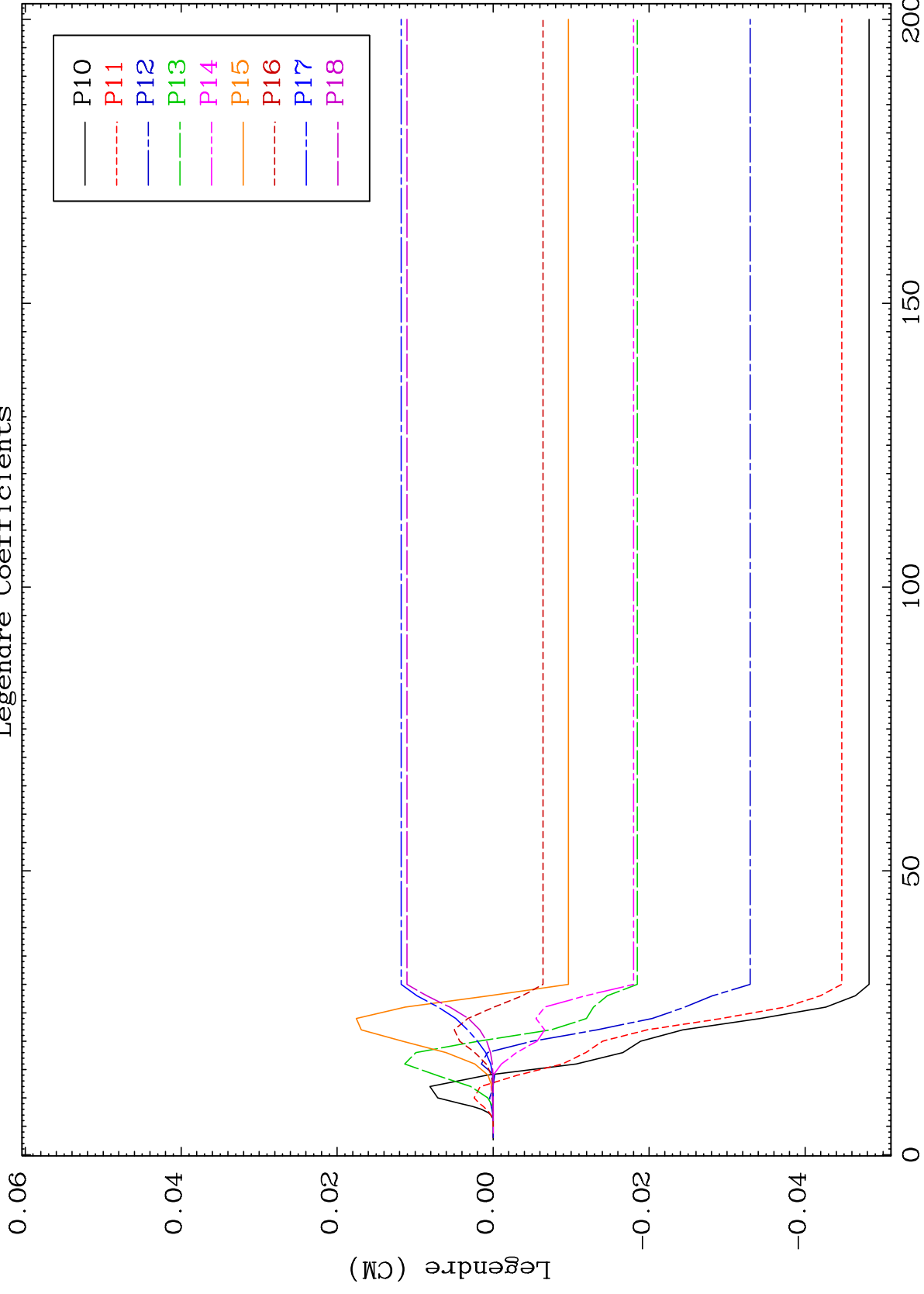
54-Xe-126



MAT 5431

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

54-Xe-126



91

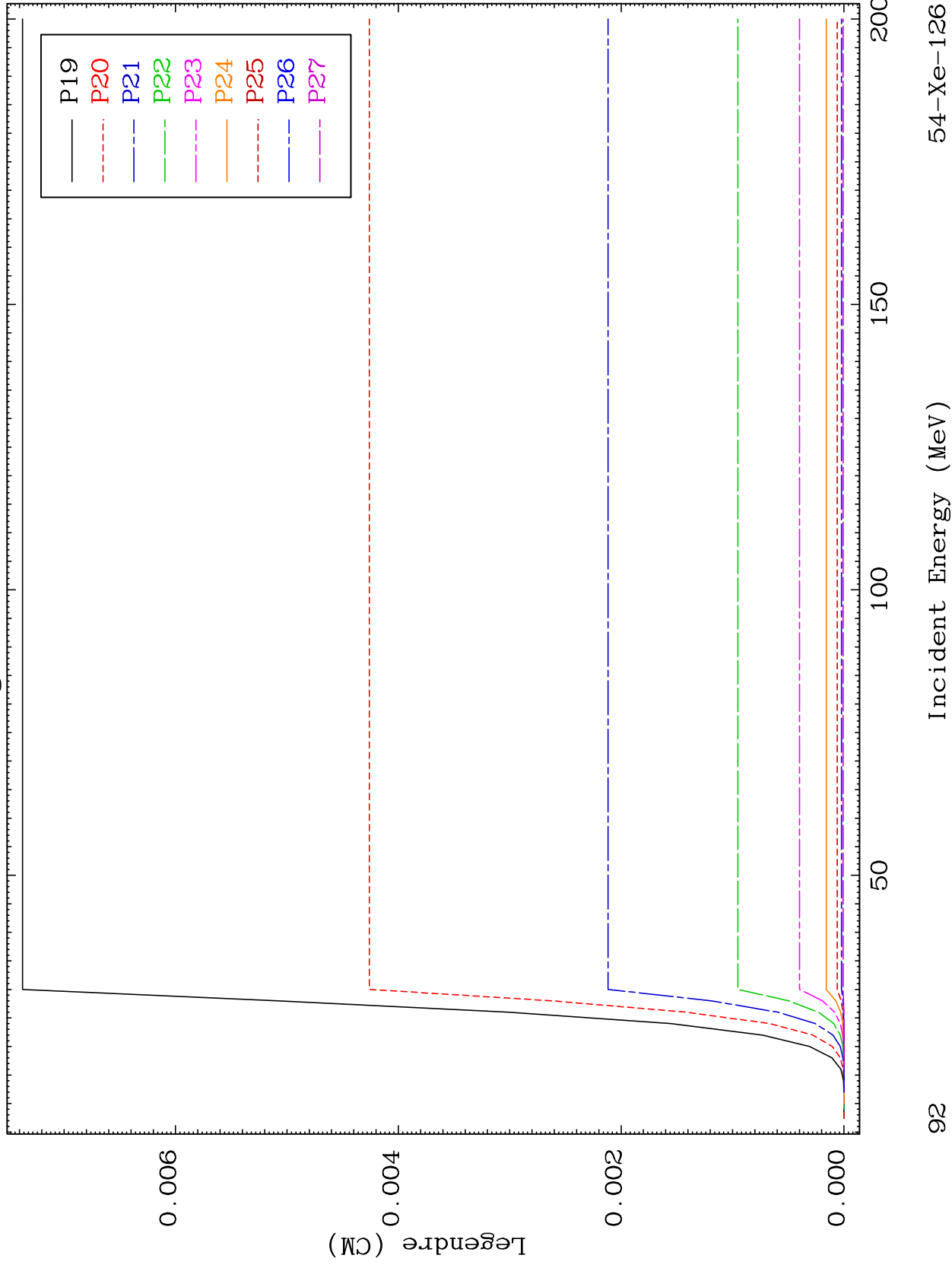
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



92

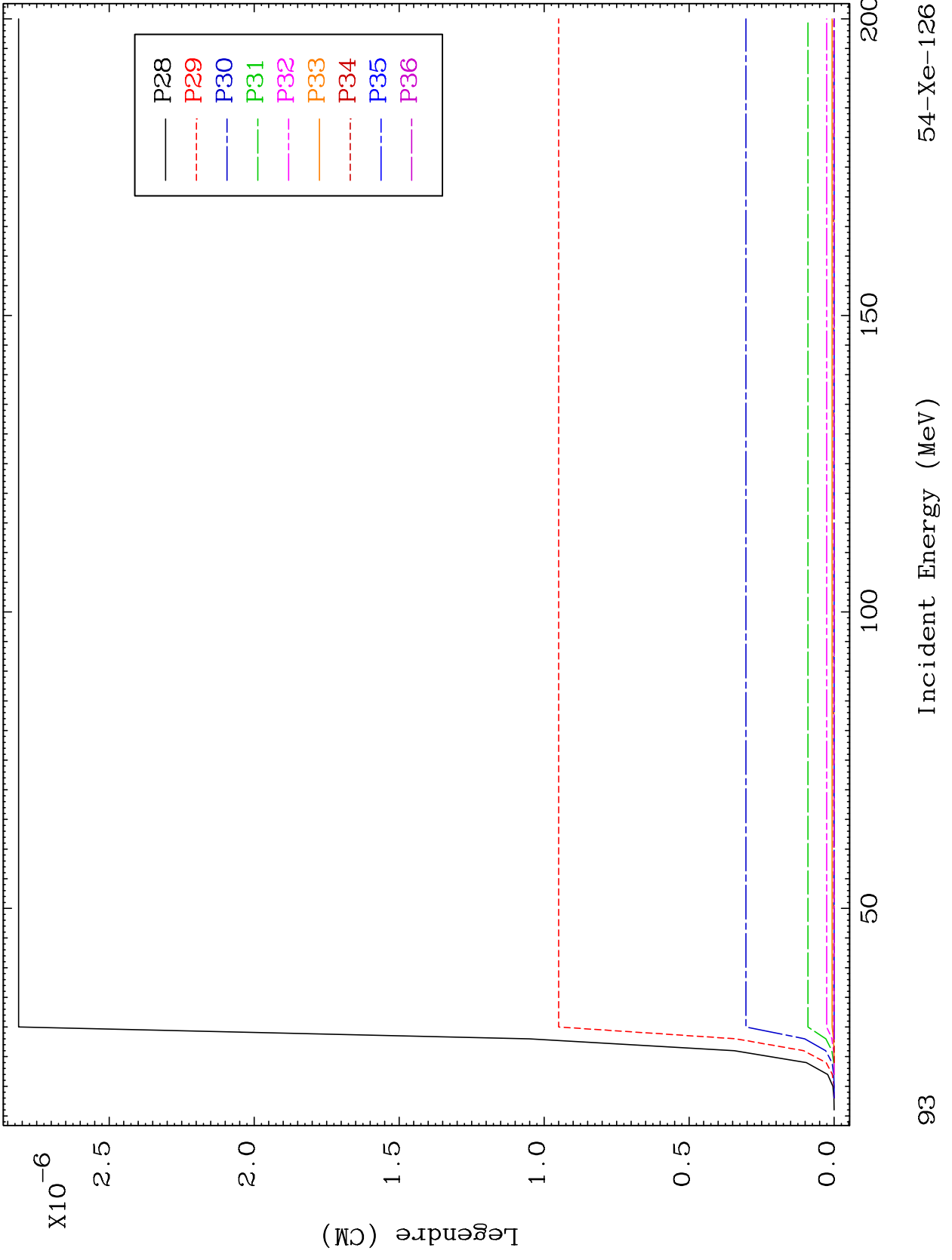
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

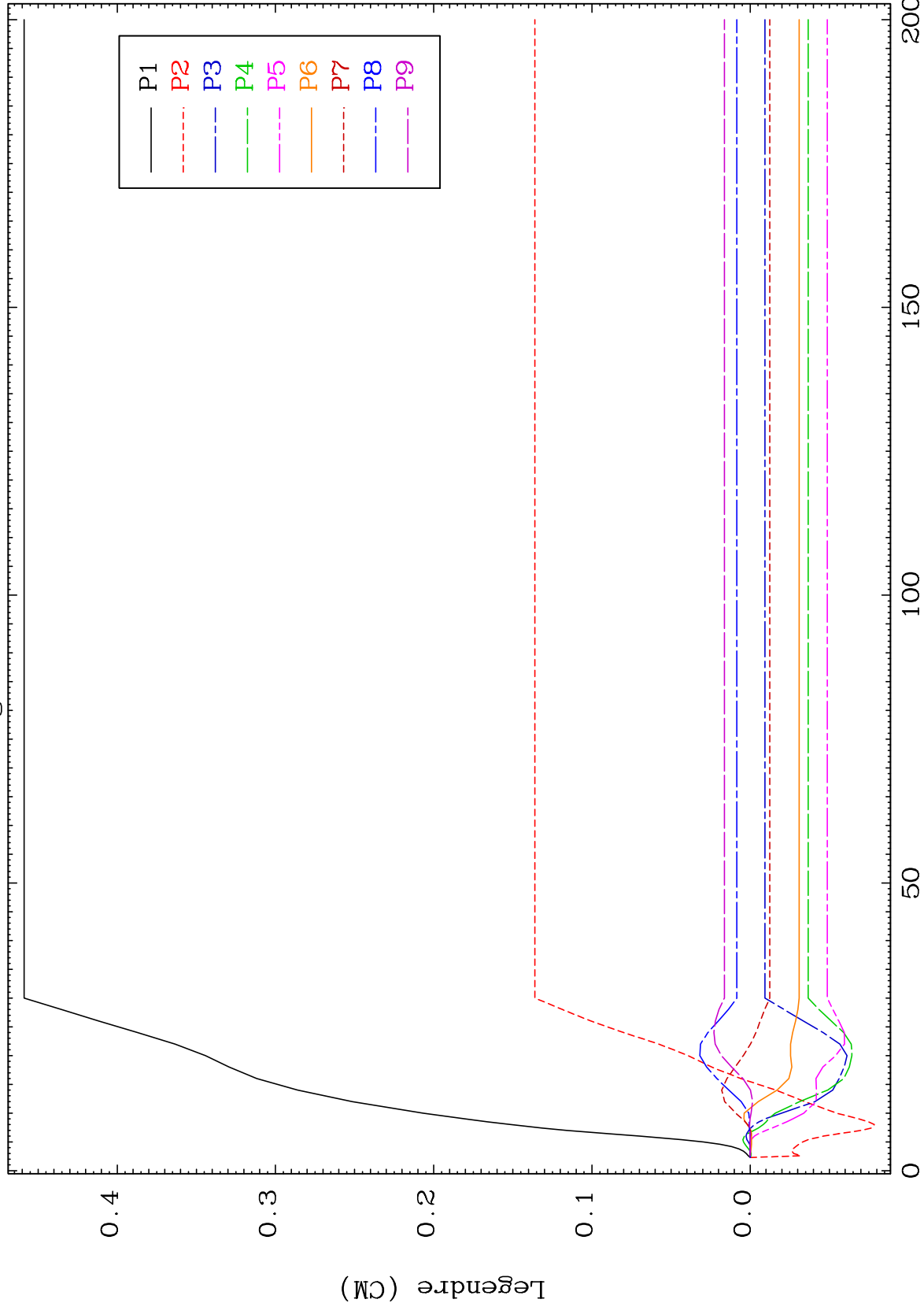
54-Xe-126



MAT 5431

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

54-Xe-126



94

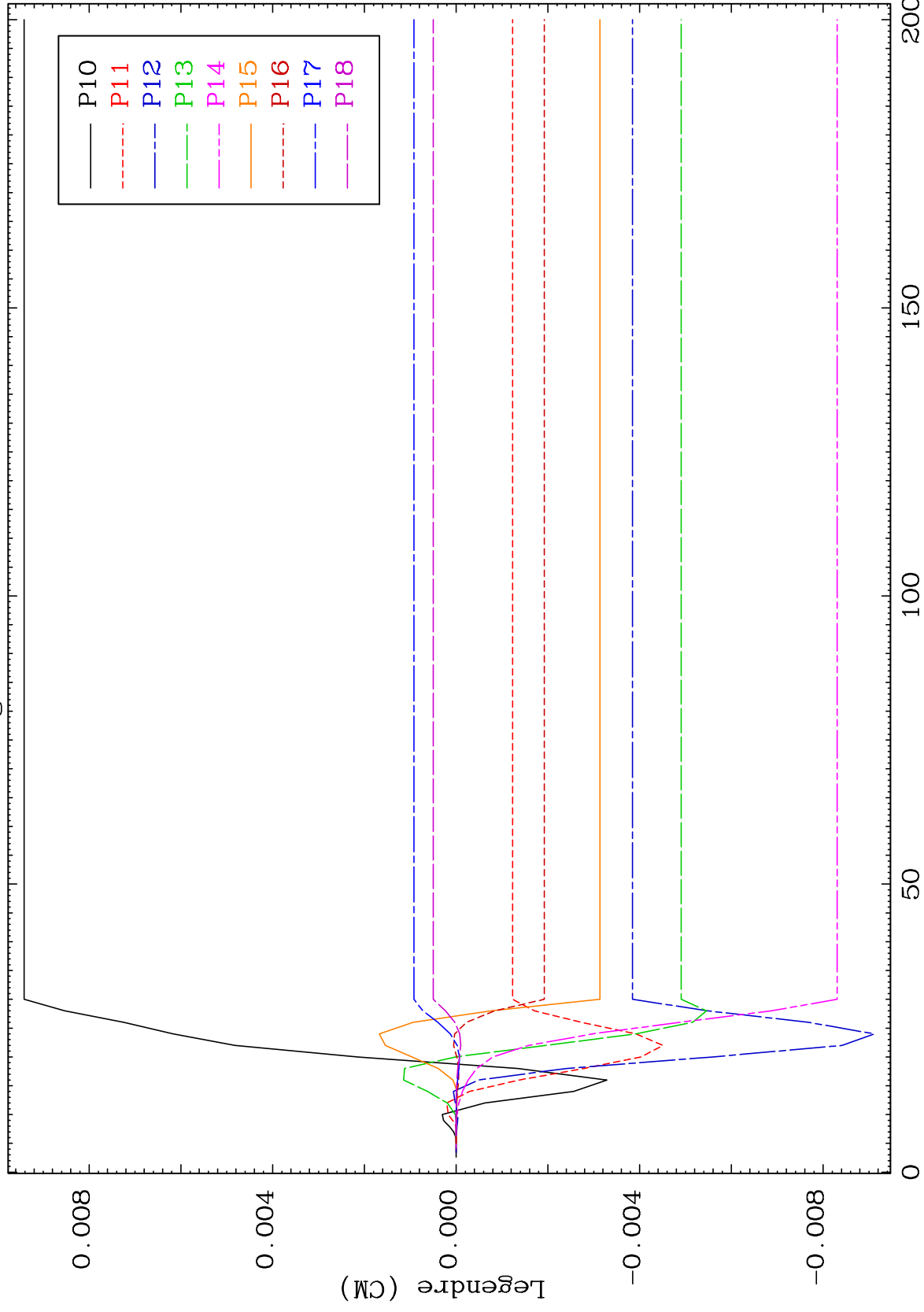
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

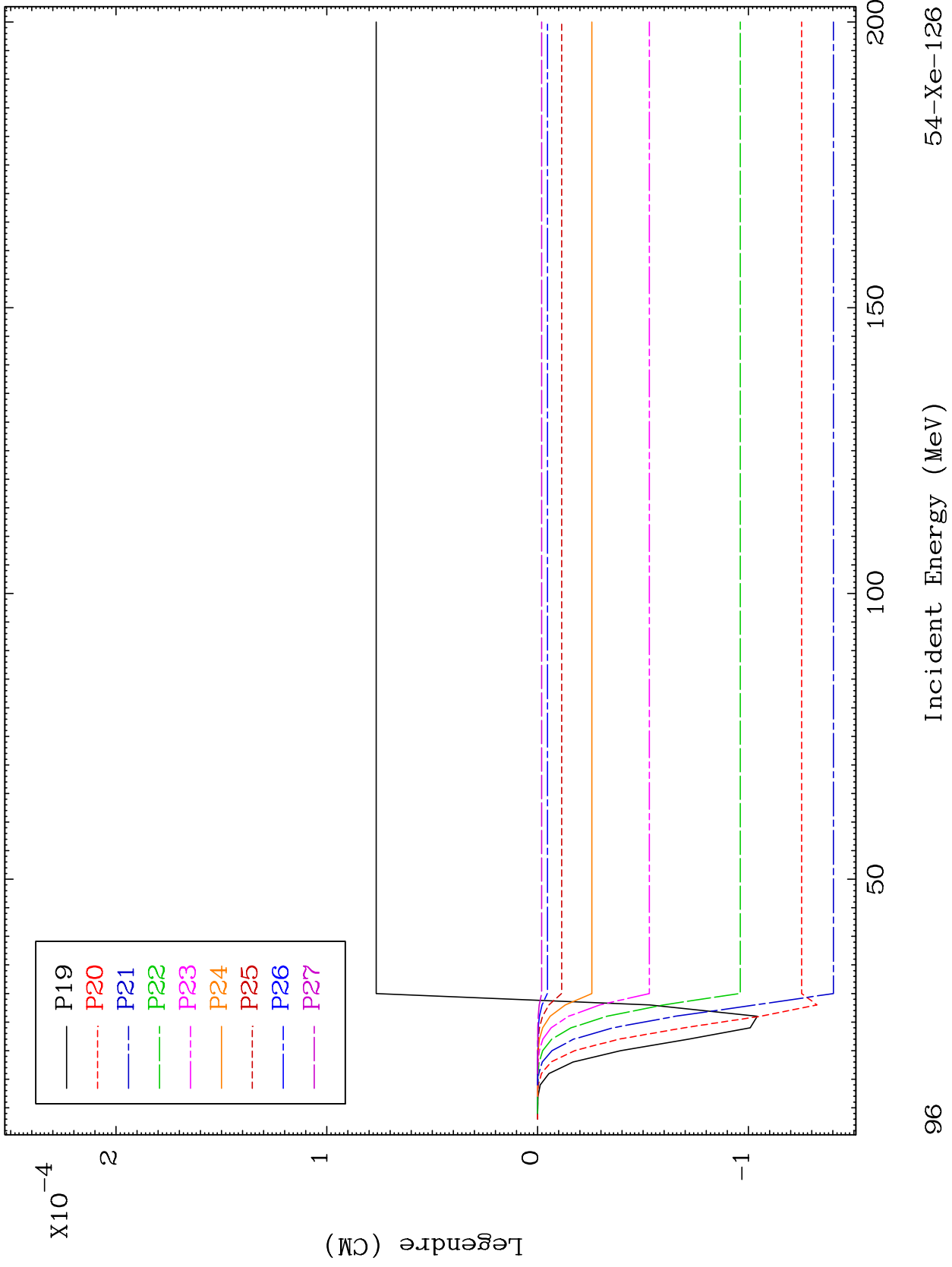
54-Xe-126



95

Incident Energy (MeV)

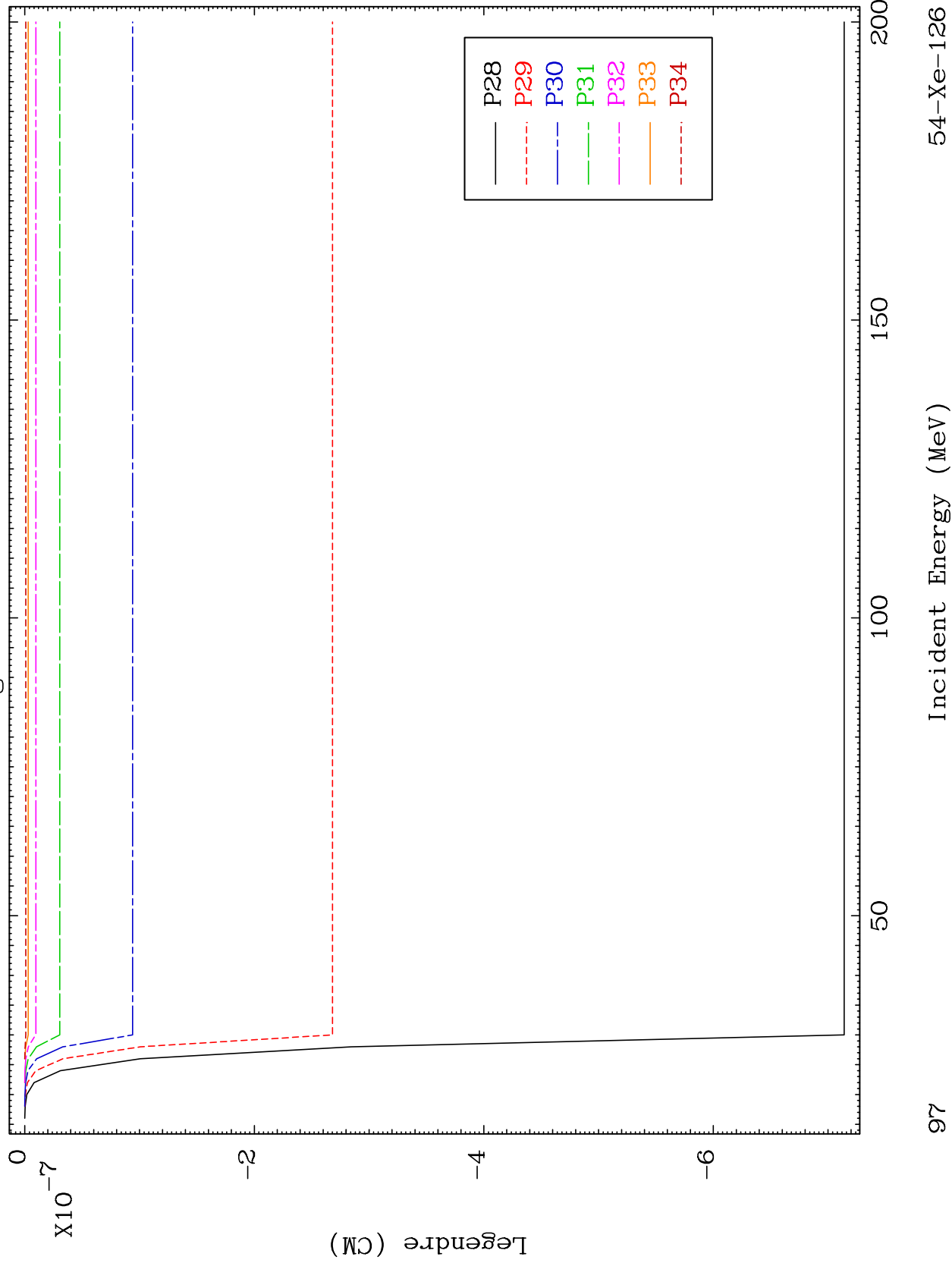
54-Xe-126



MAT 5431

54-Xe-126

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



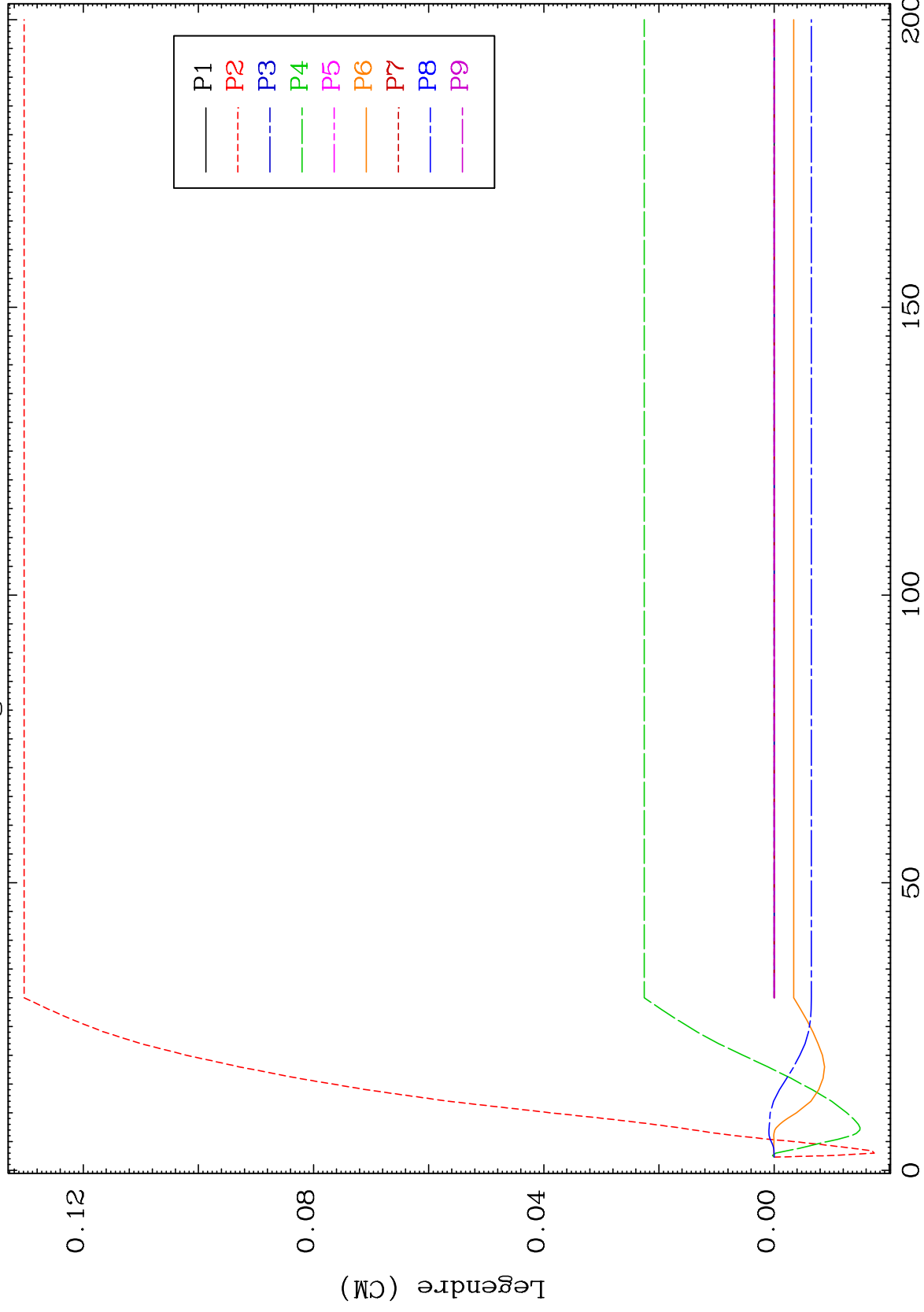
97

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

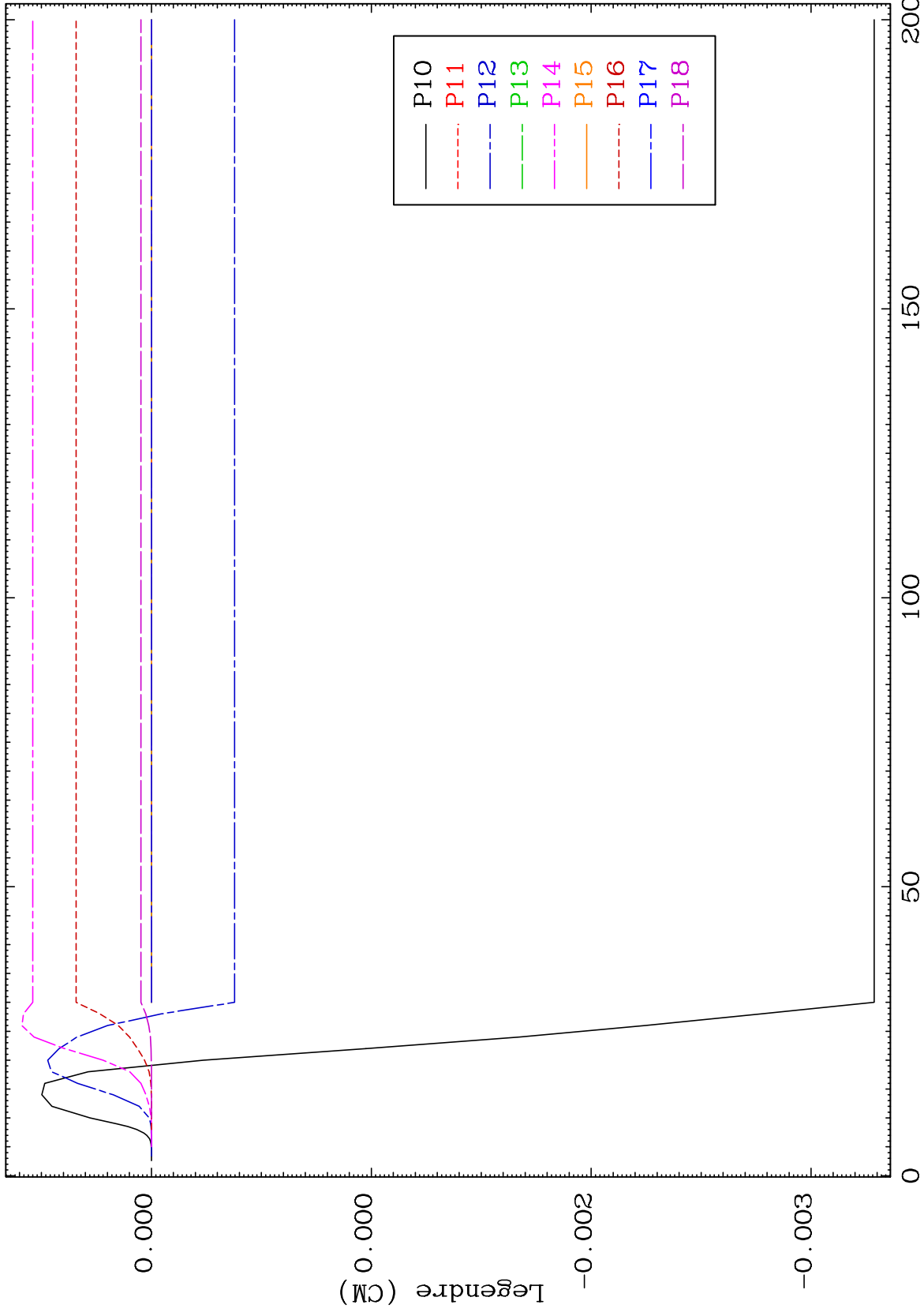
Incident Energy (MeV)

98

MAT 5431

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

54-Xe-126



99

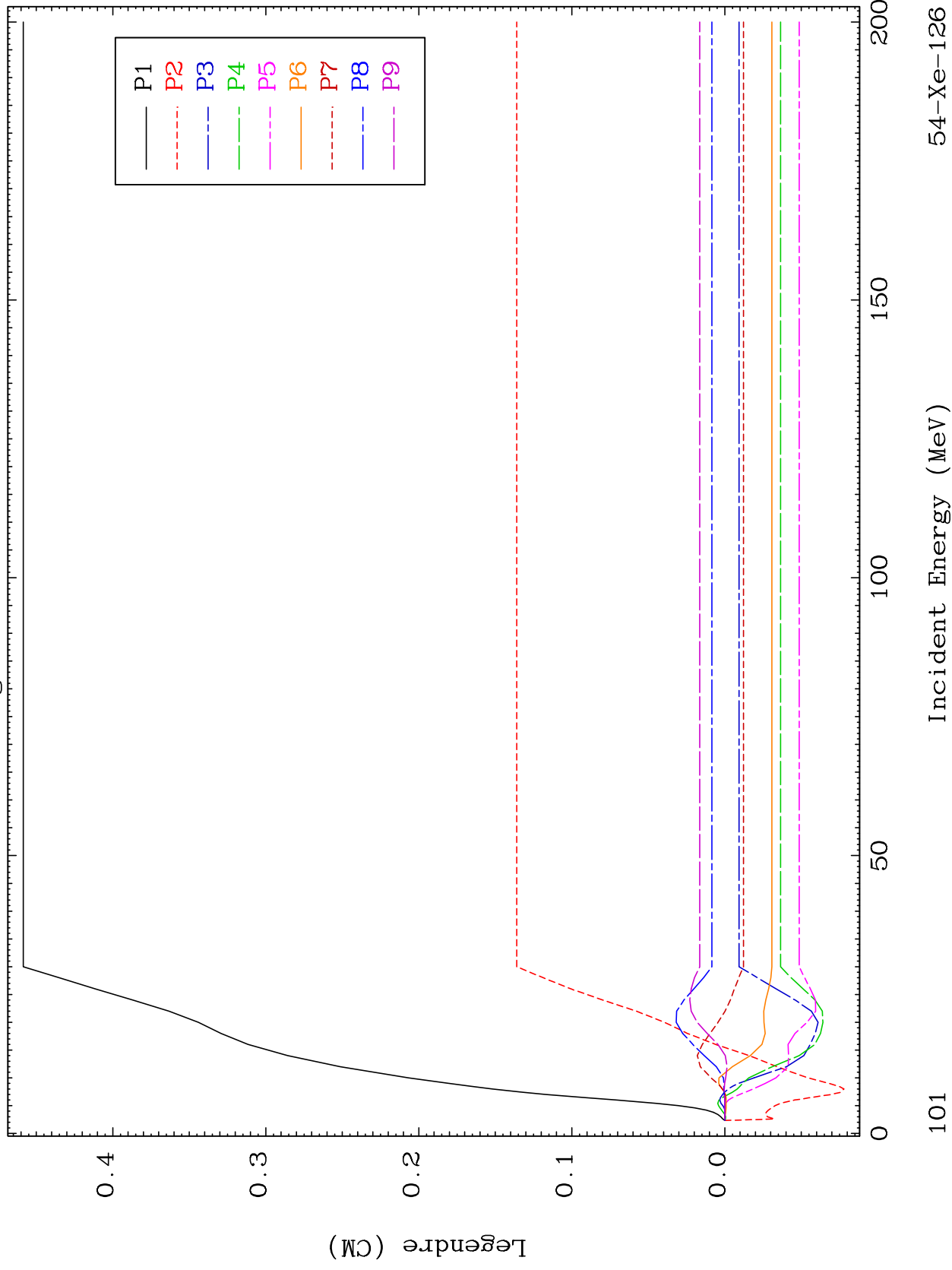
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

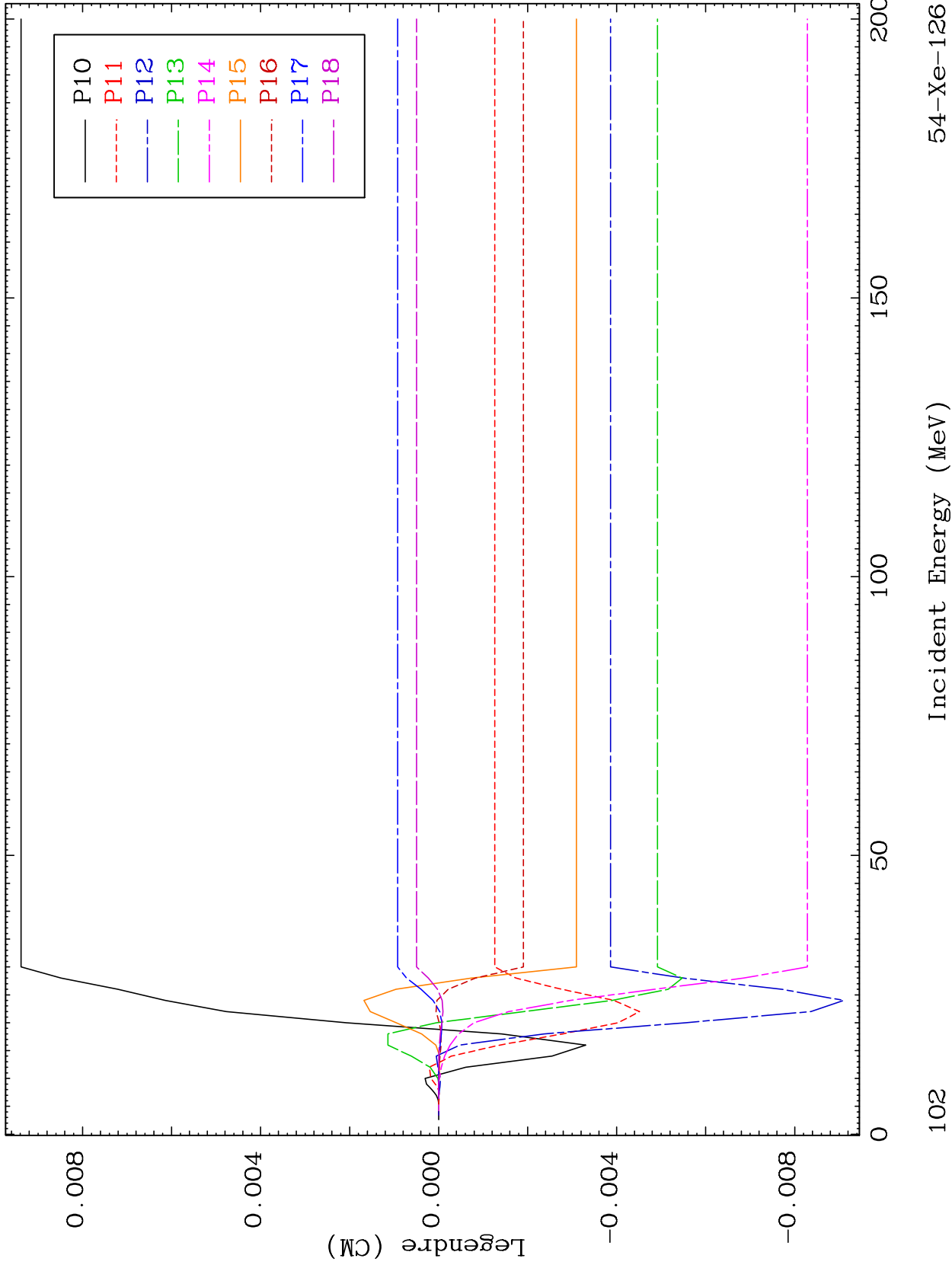
Incident Energy (MeV)

101

MAT 5431

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

54-Xe-126



54-Xe-126

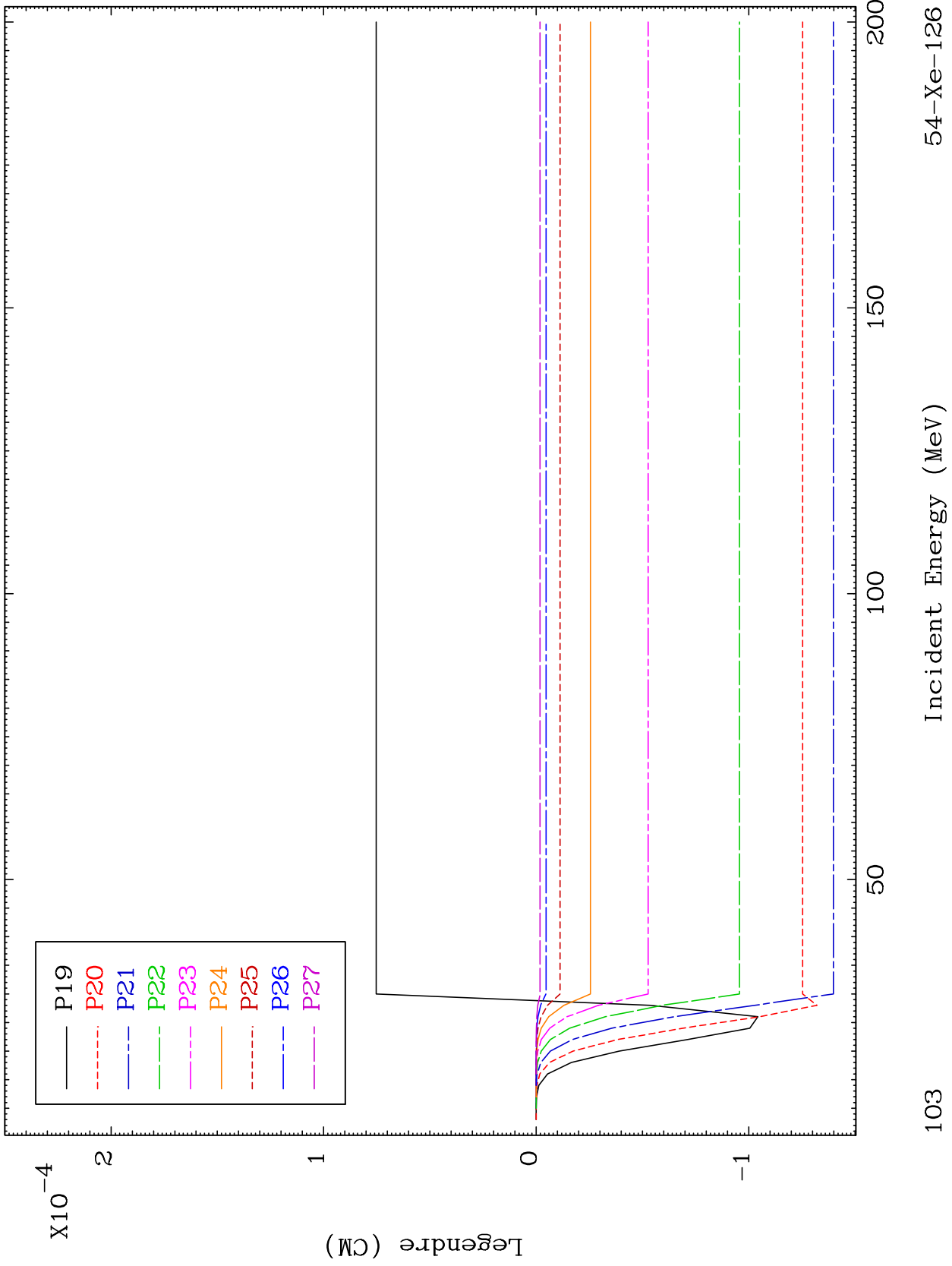
Incident Energy (MeV)

102

MAT 5431

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

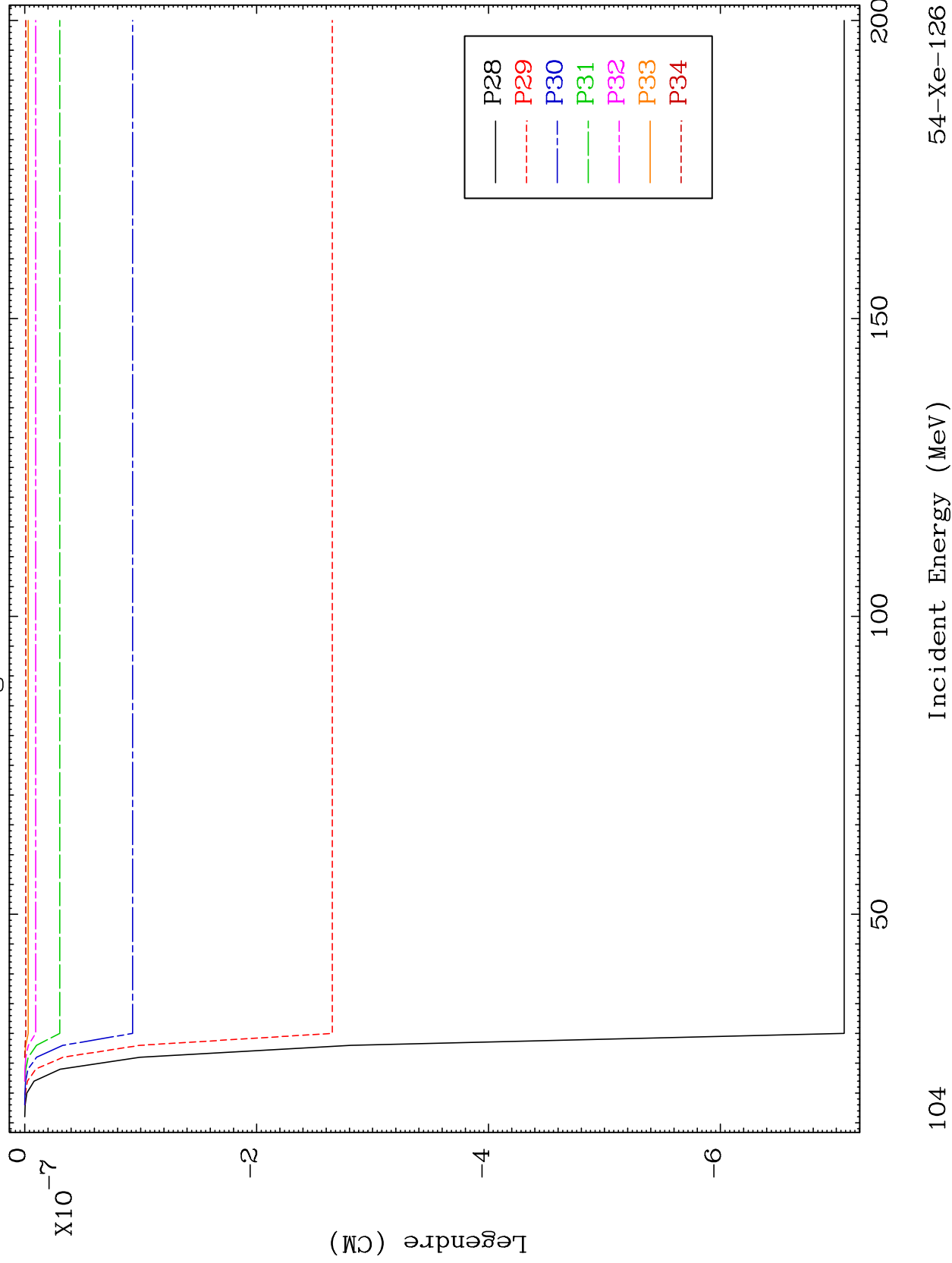
54-Xe-126



MAT 5431

54-Xe-126

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



104

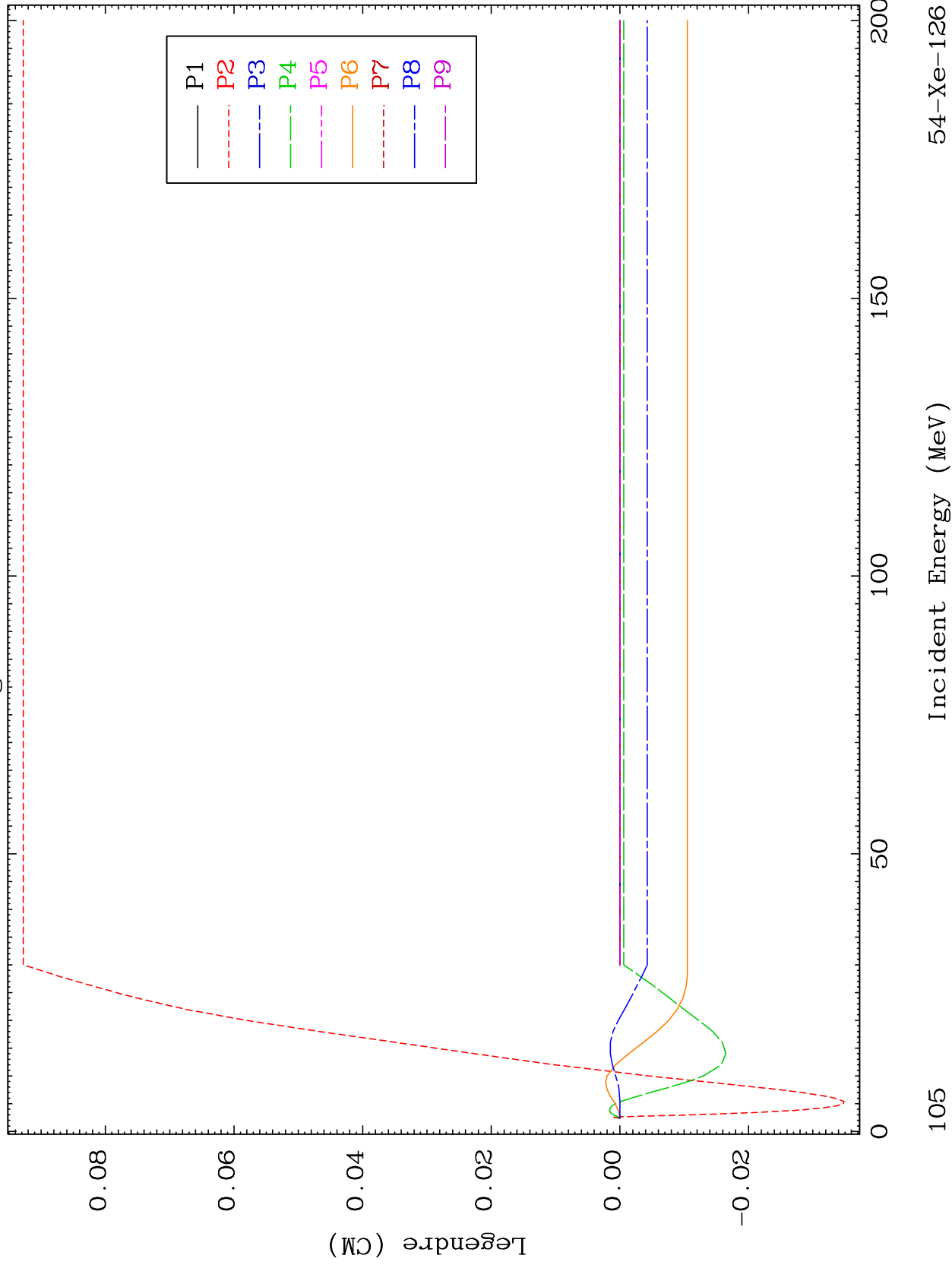
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

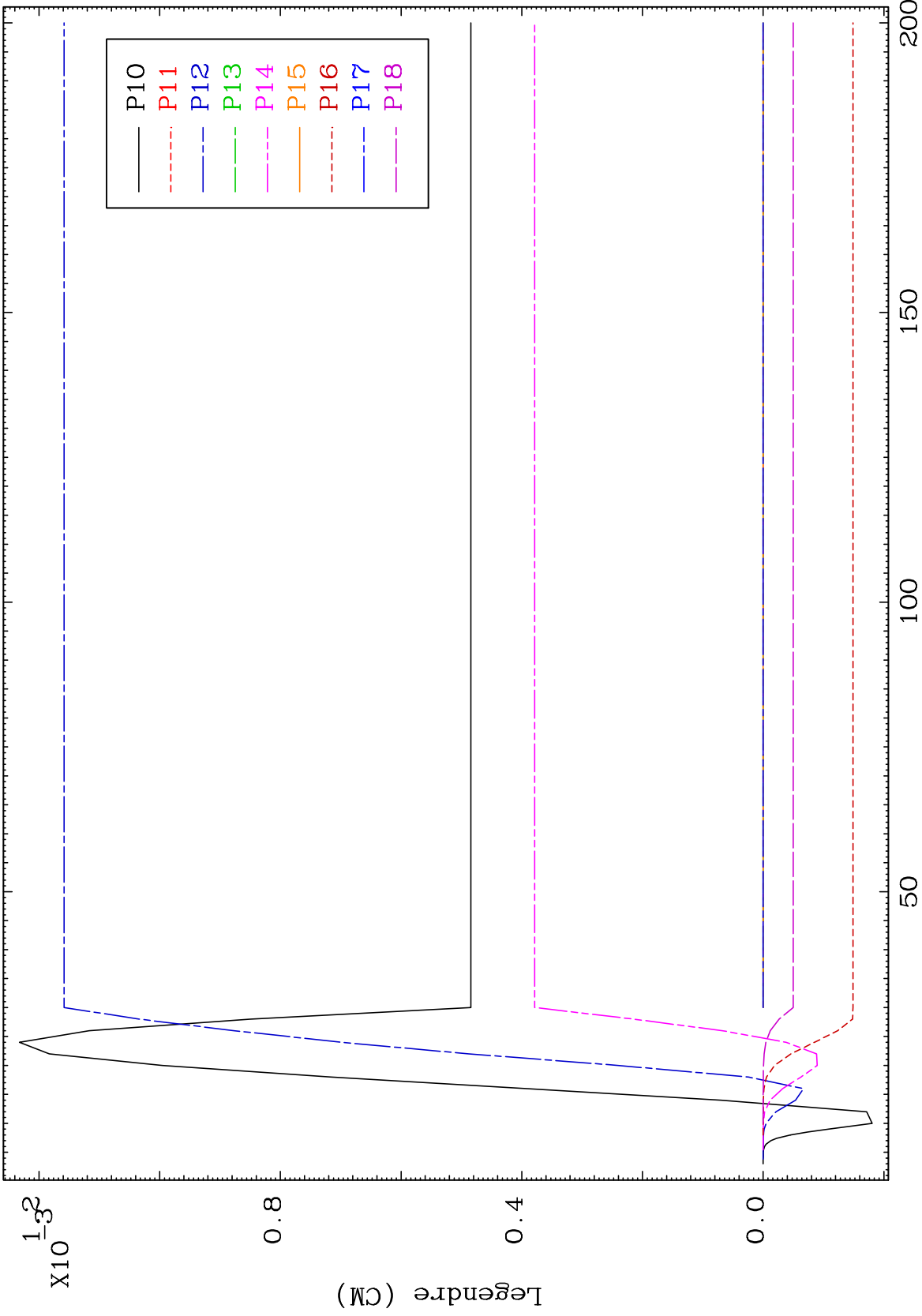
Incident Energy (MeV)

105

MAT 5431

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

54-Xe-126



106

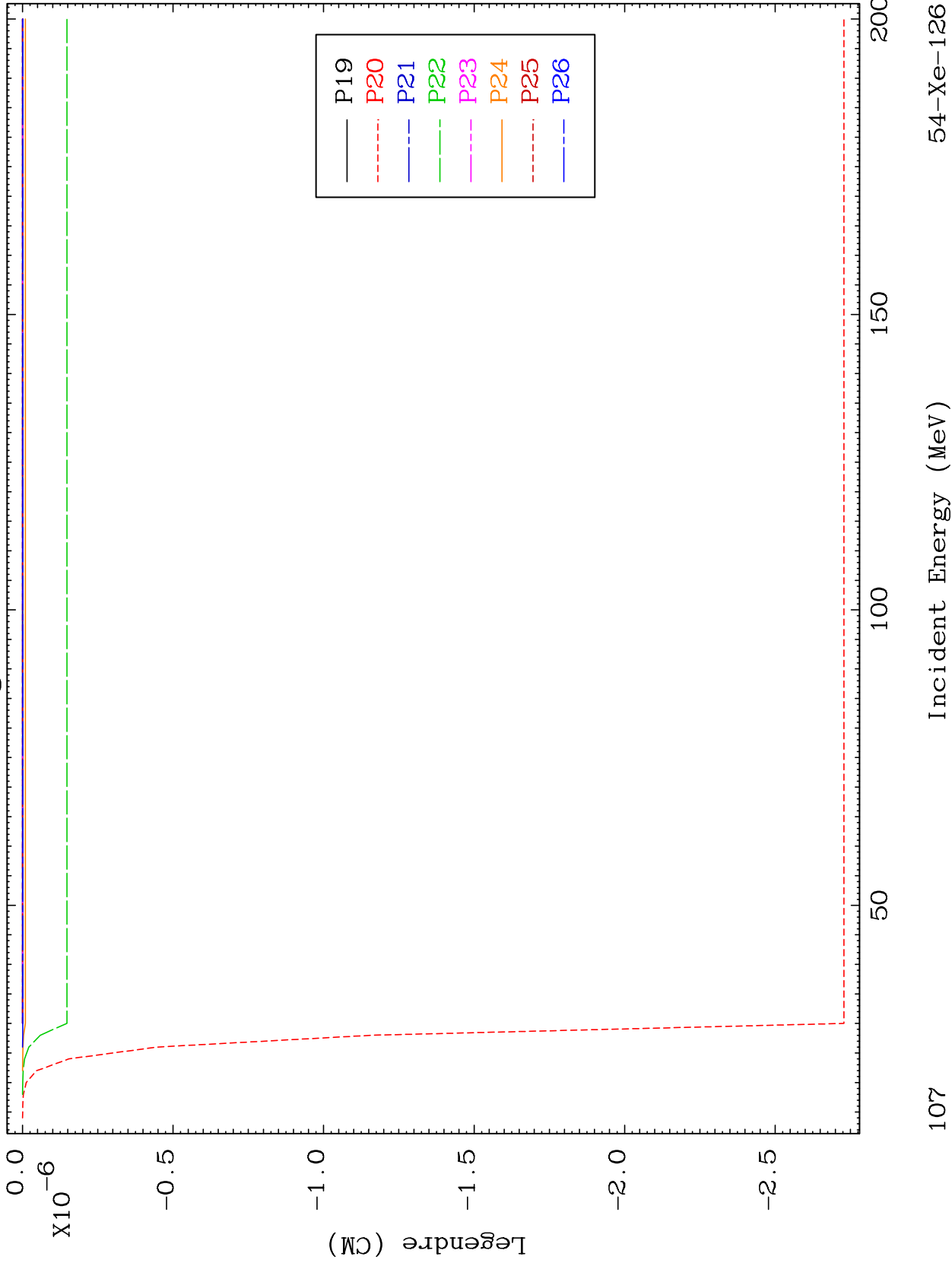
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



107

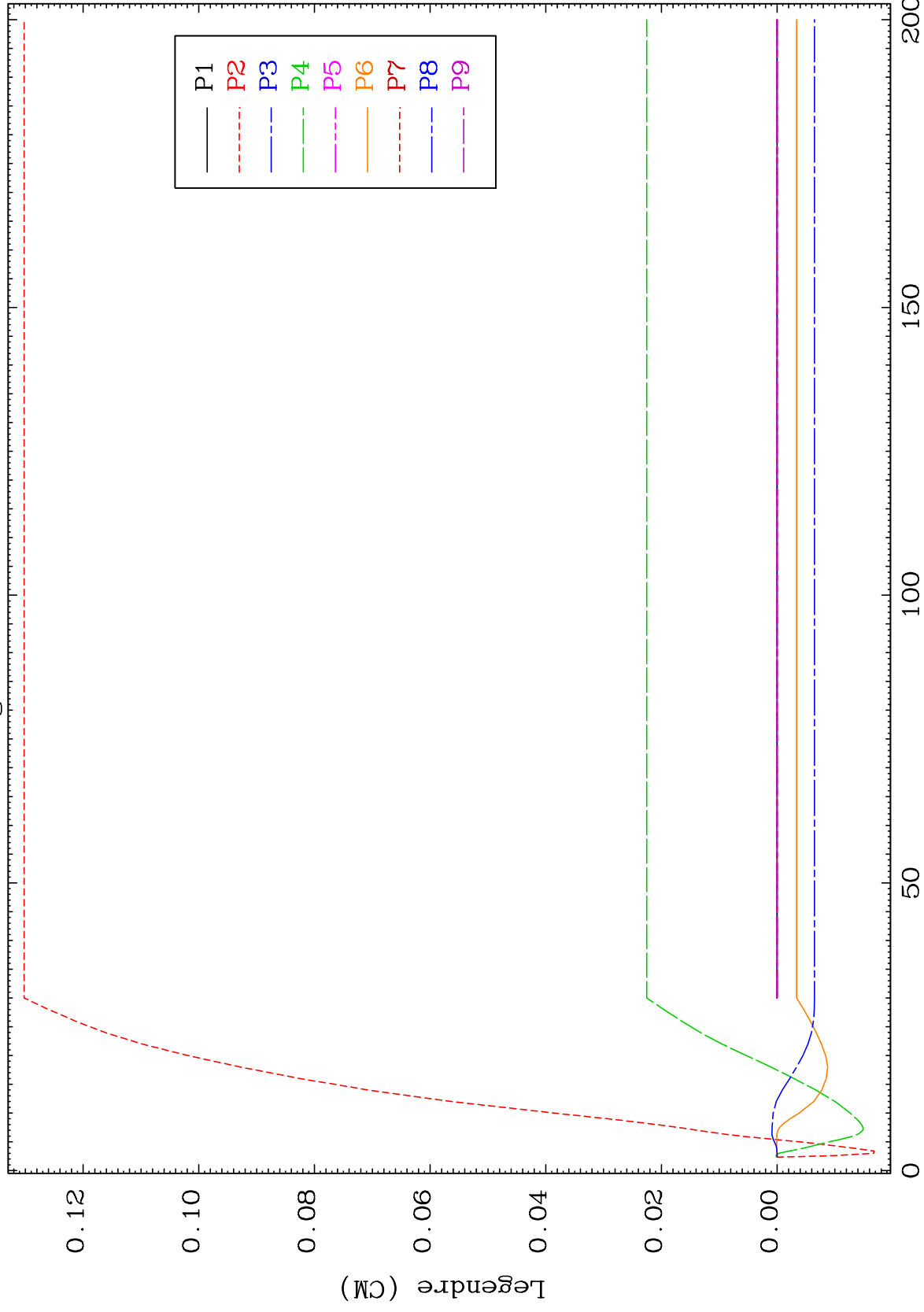
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

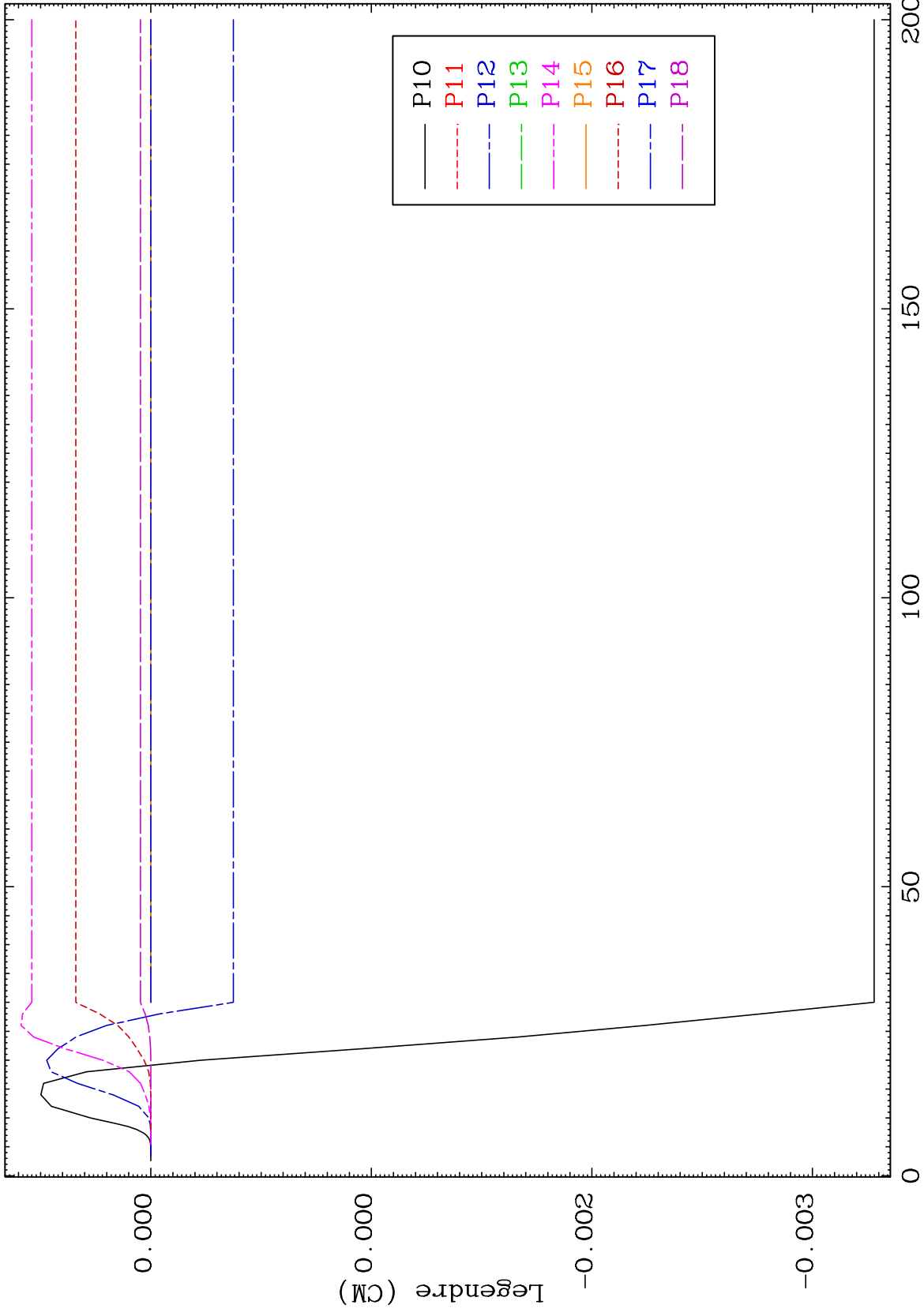
Incident Energy (MeV)

108

MAT 5431

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

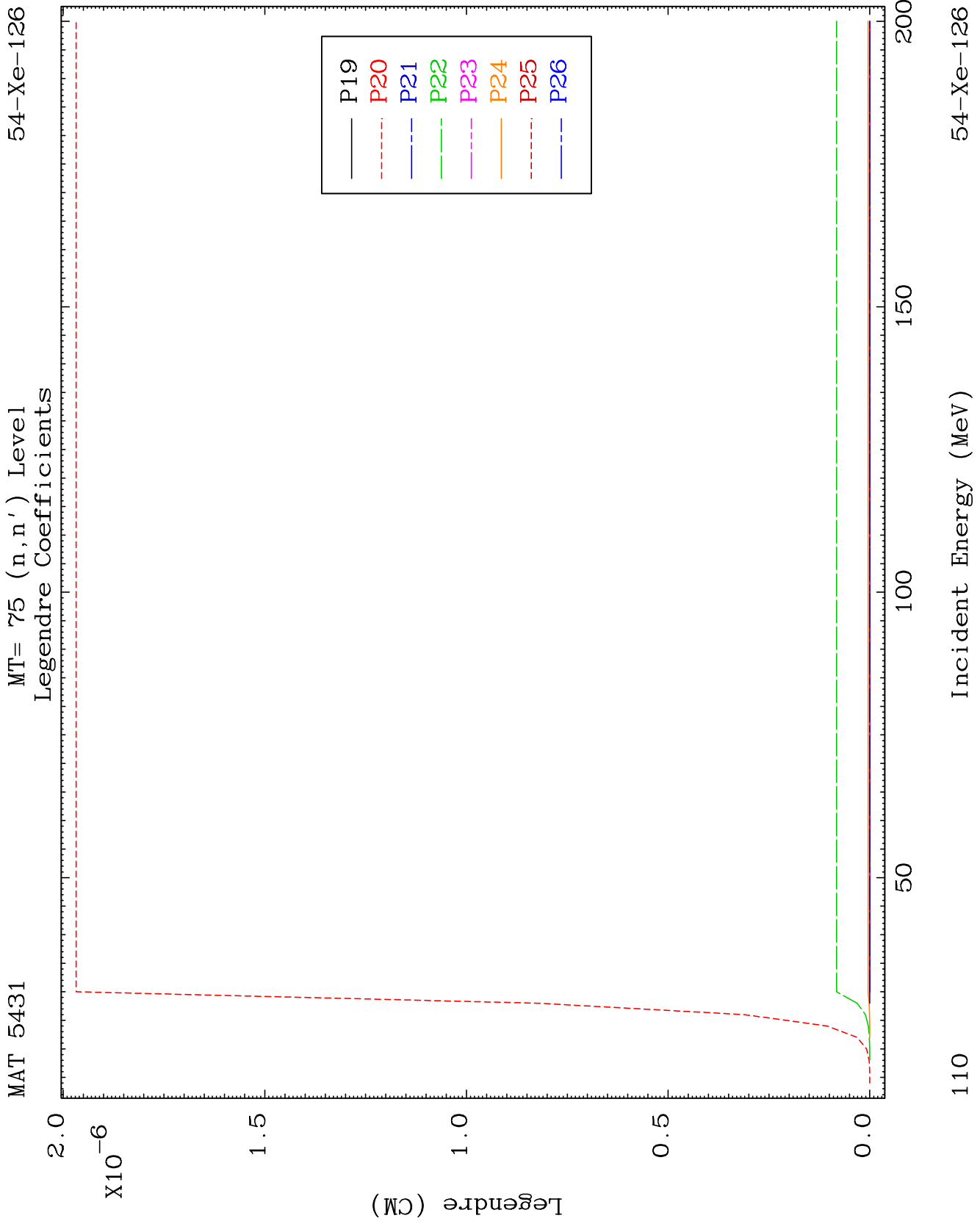
54-Xe-126



109

Incident Energy (MeV)

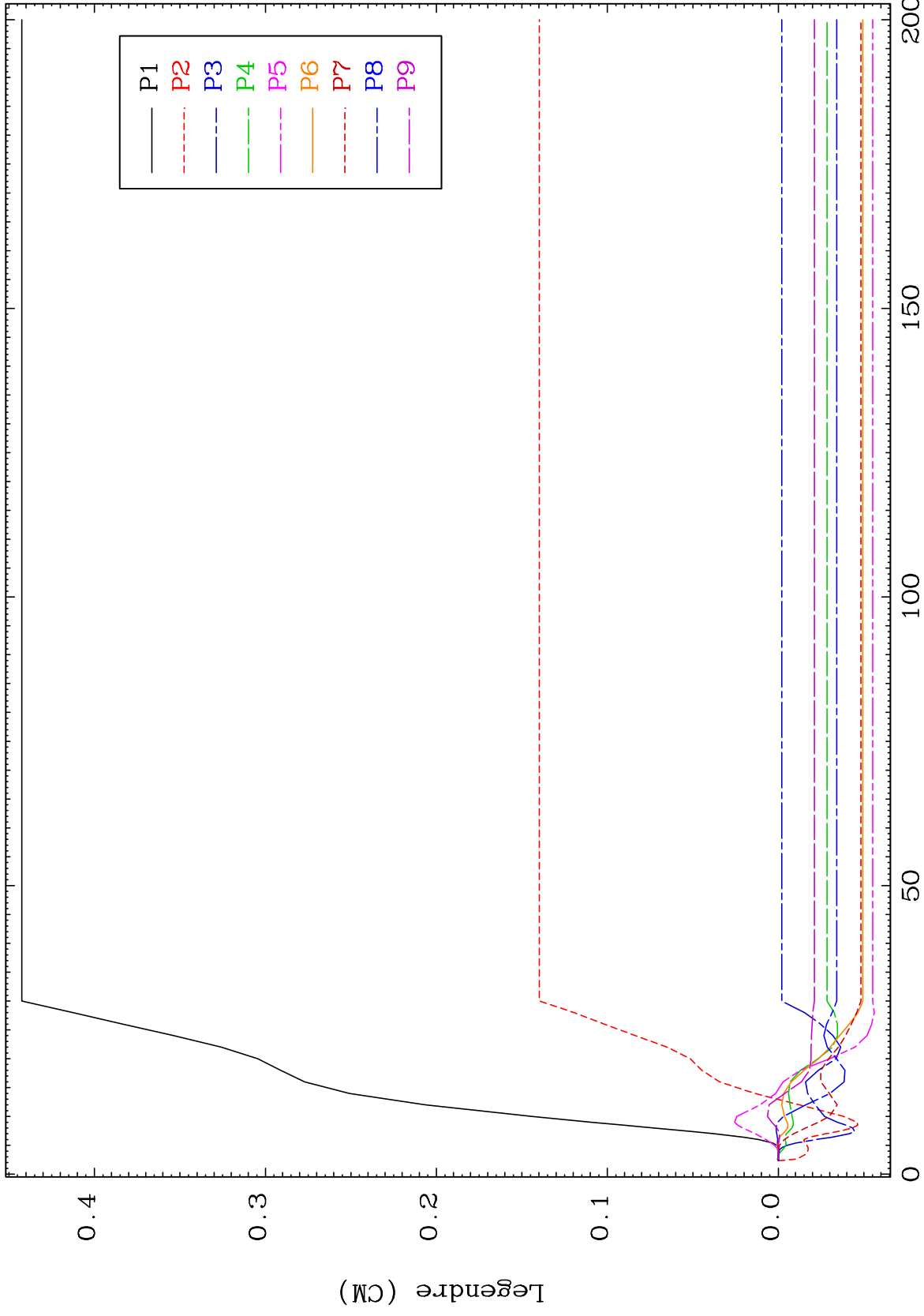
54-Xe-126



MAT 5431

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

54-Xe-126



111

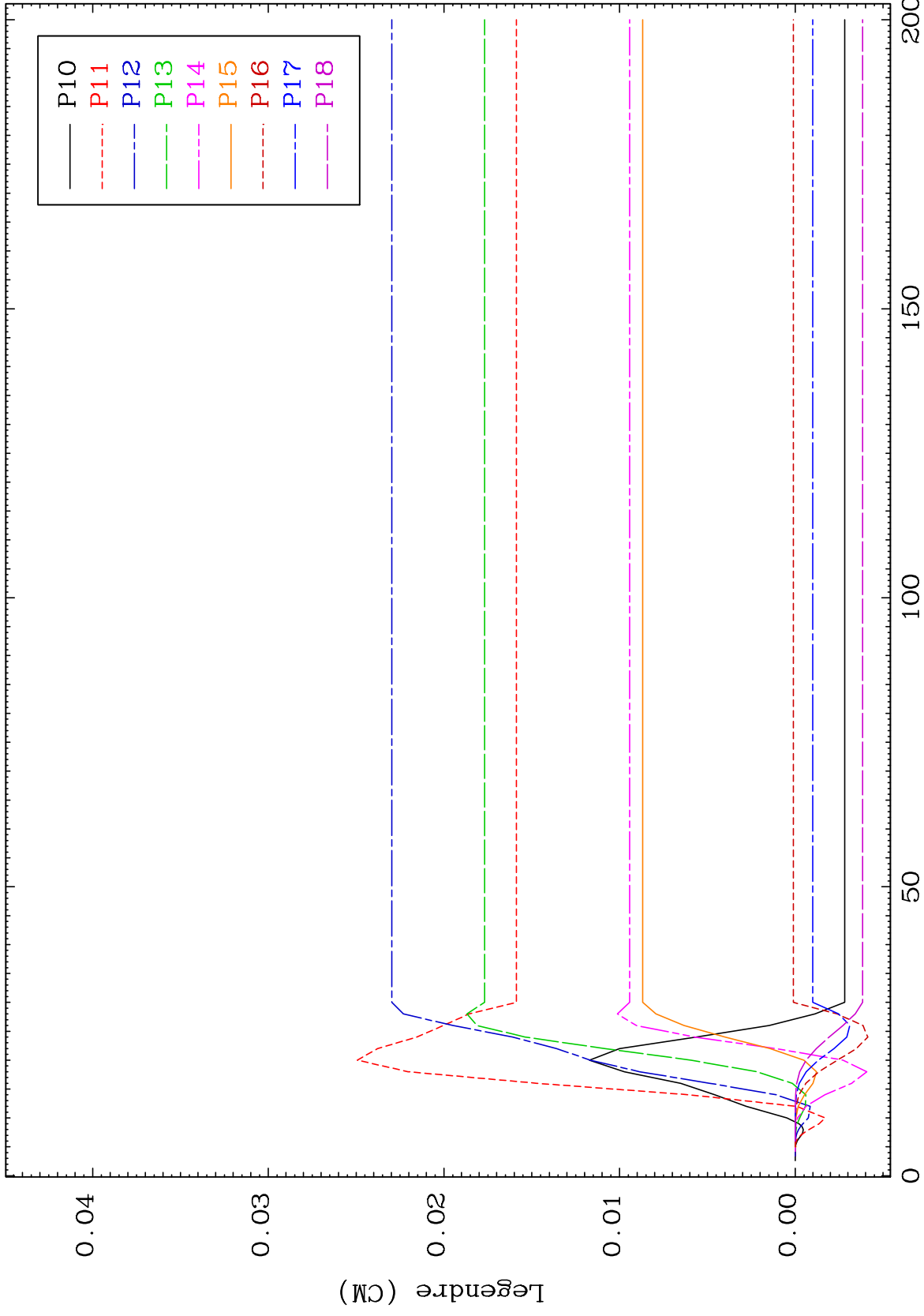
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



112

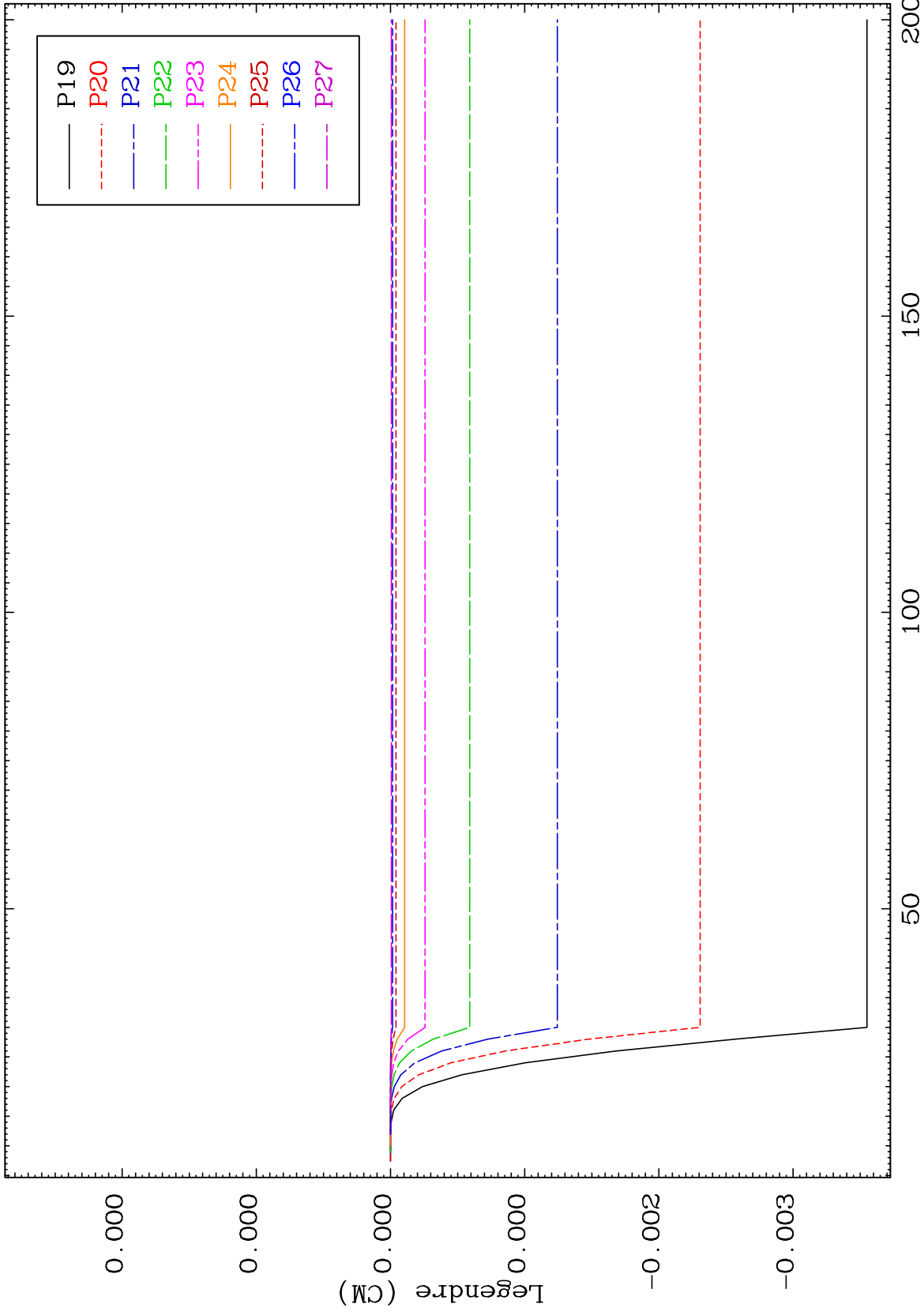
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

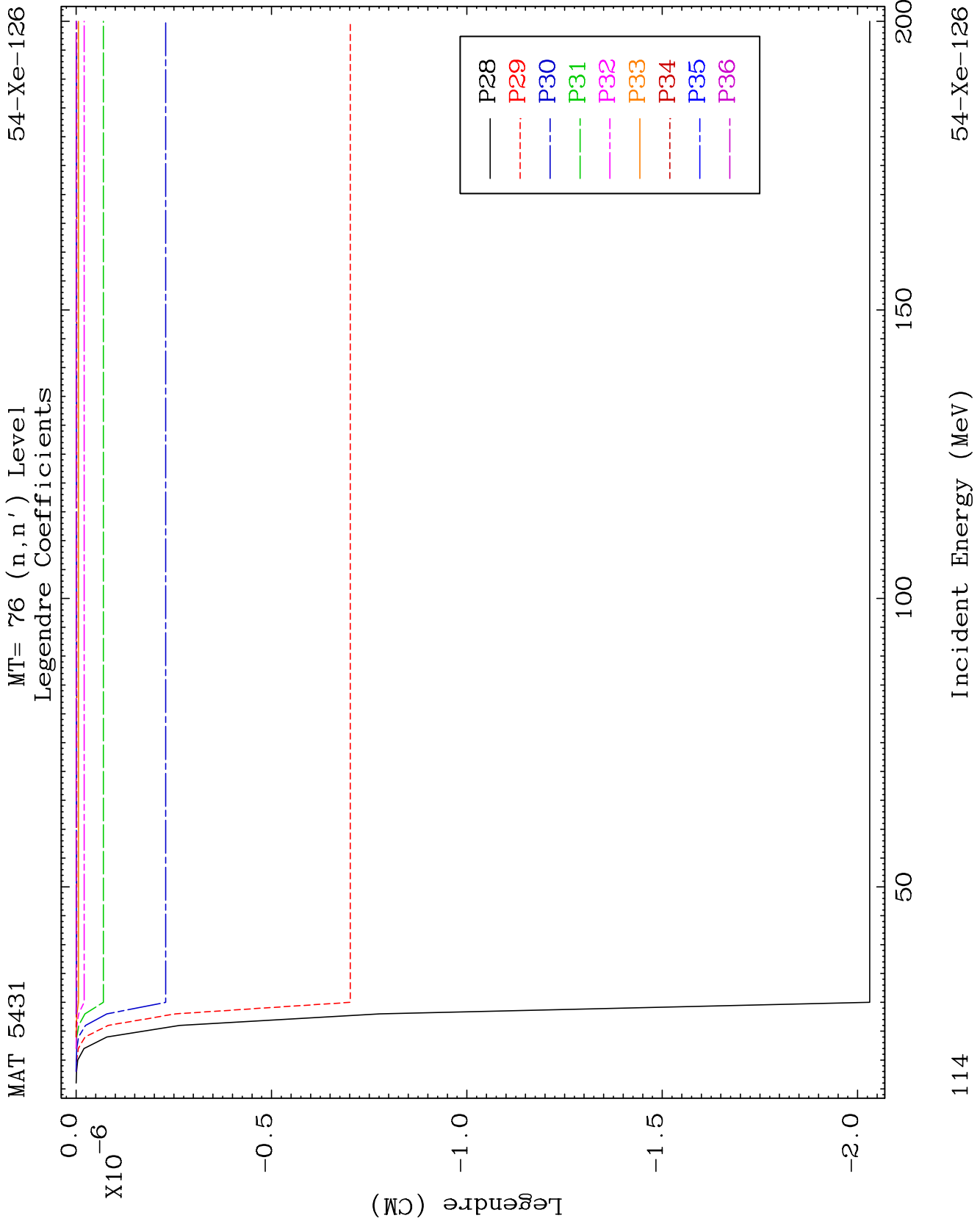
54-Xe-126



113

Incident Energy (MeV)

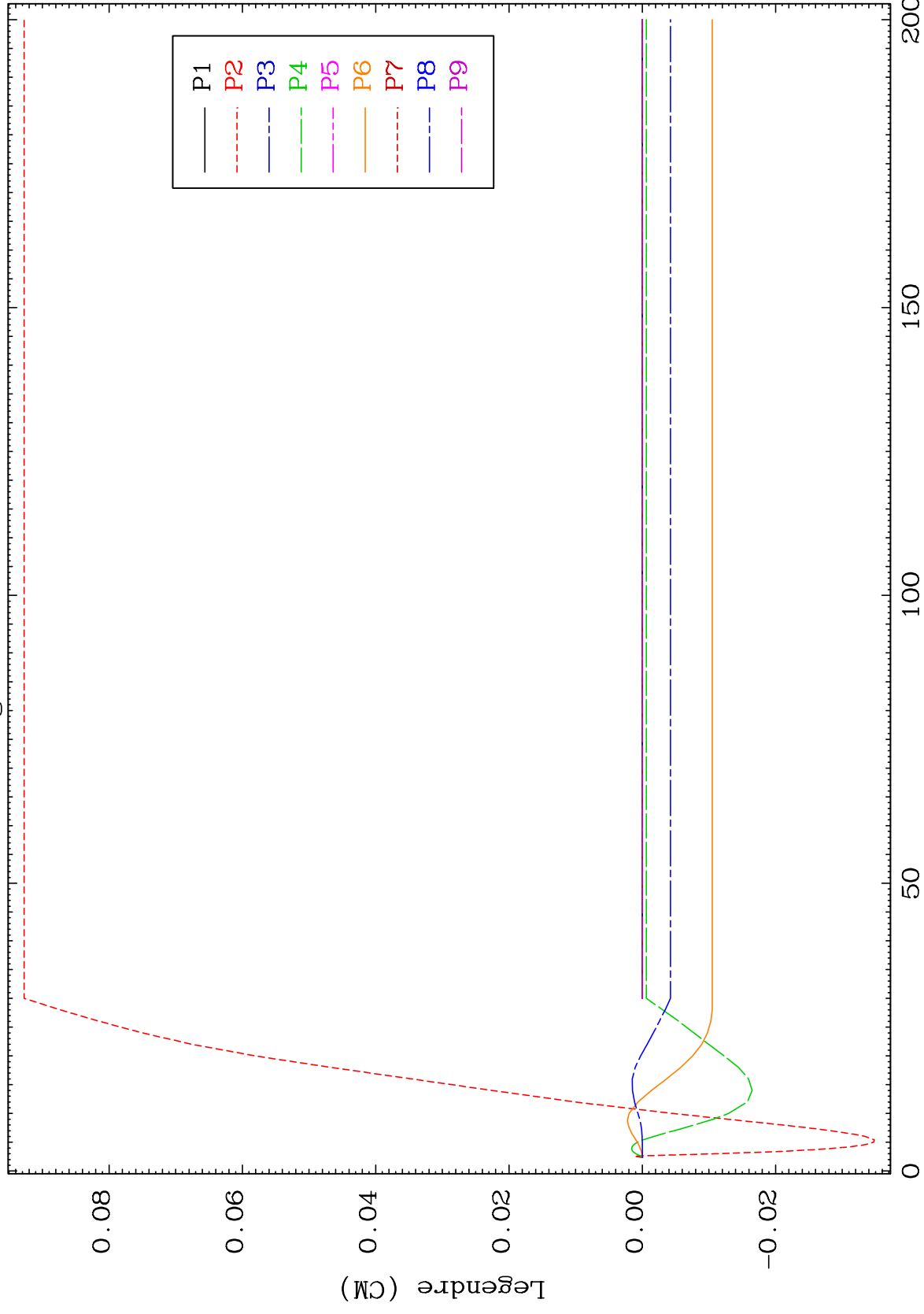
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

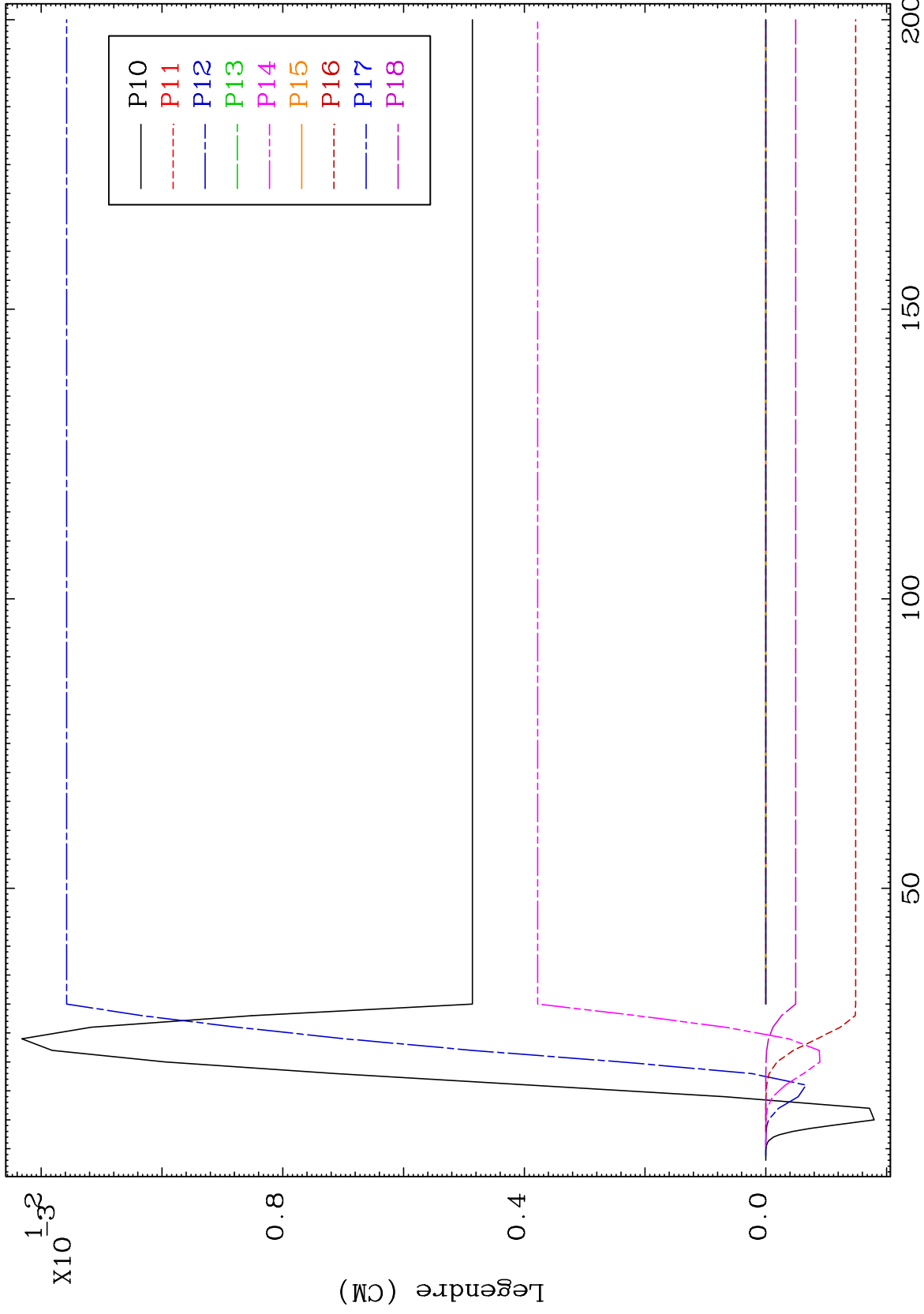
Incident Energy (MeV)

115

MAT 5431

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

54-Xe-126



116

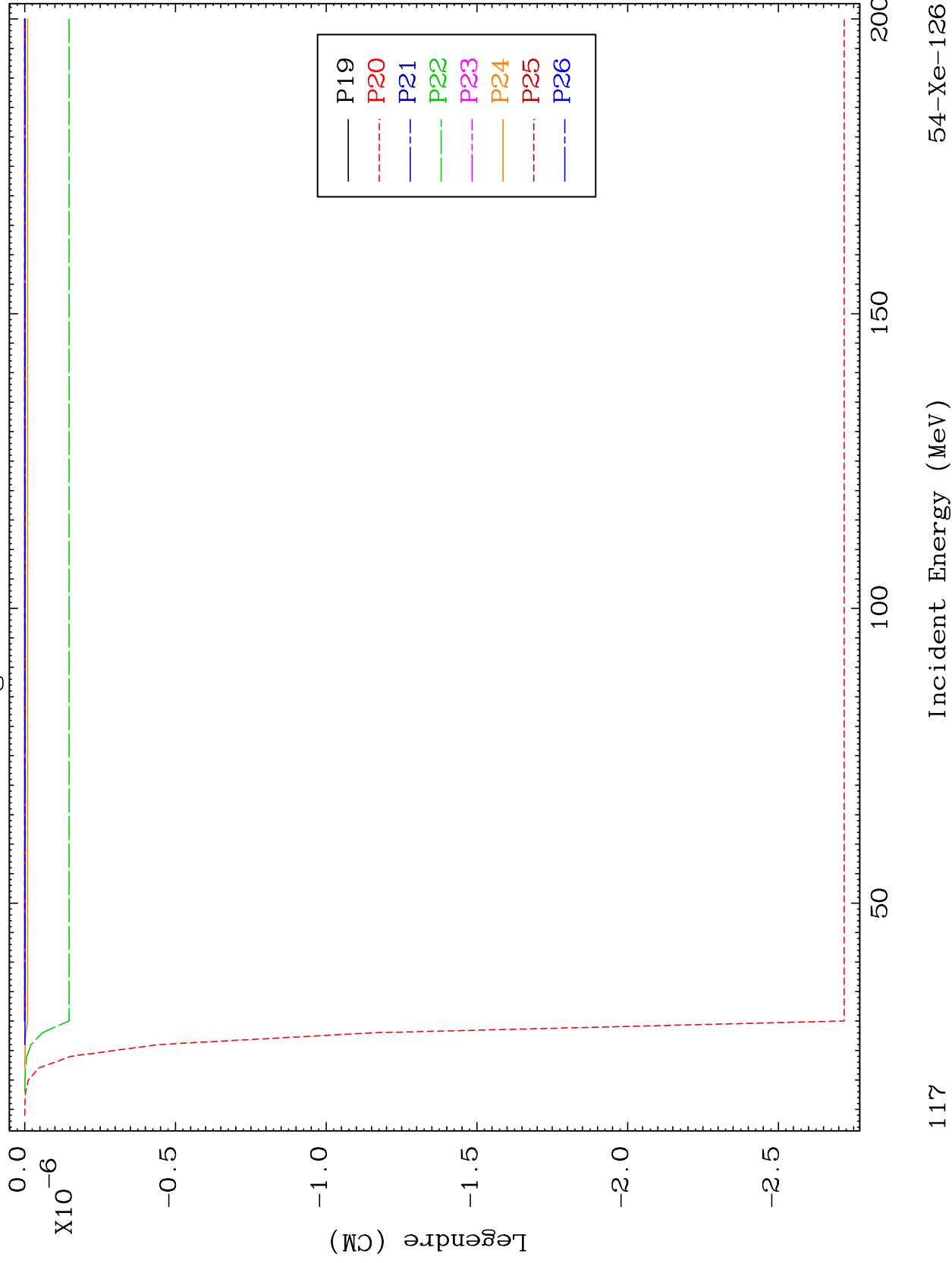
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



117

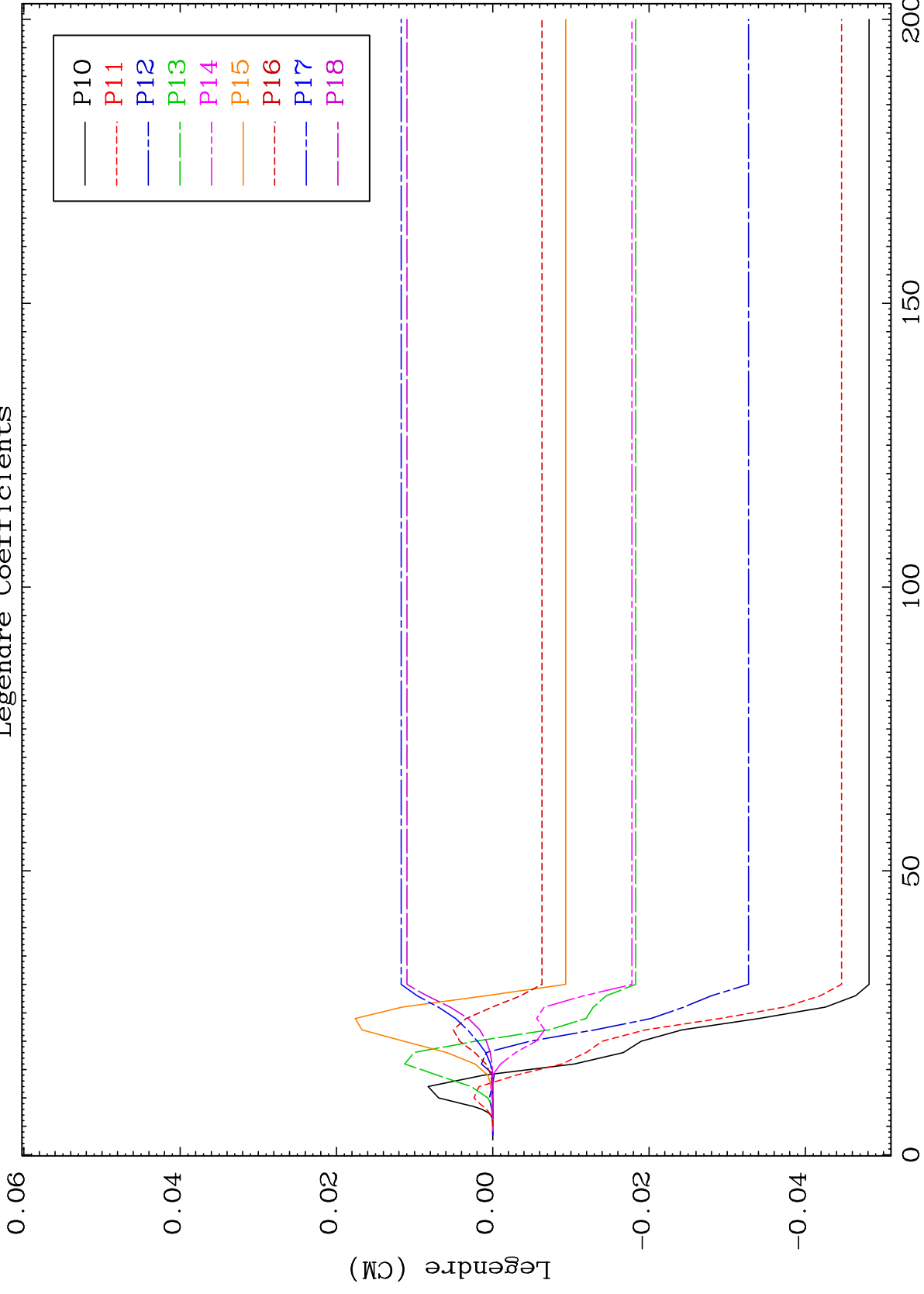
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



119

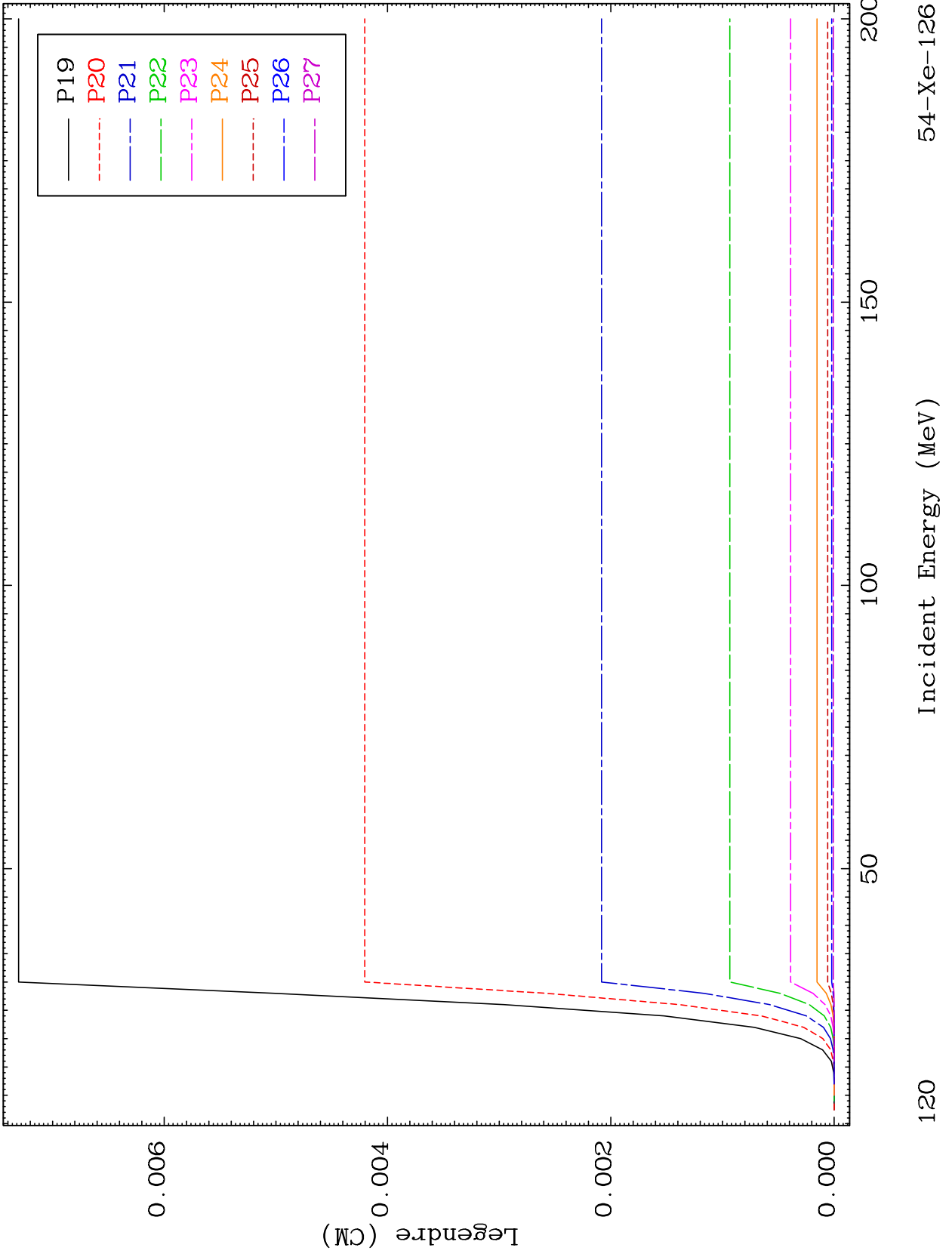
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



54-Xe-126

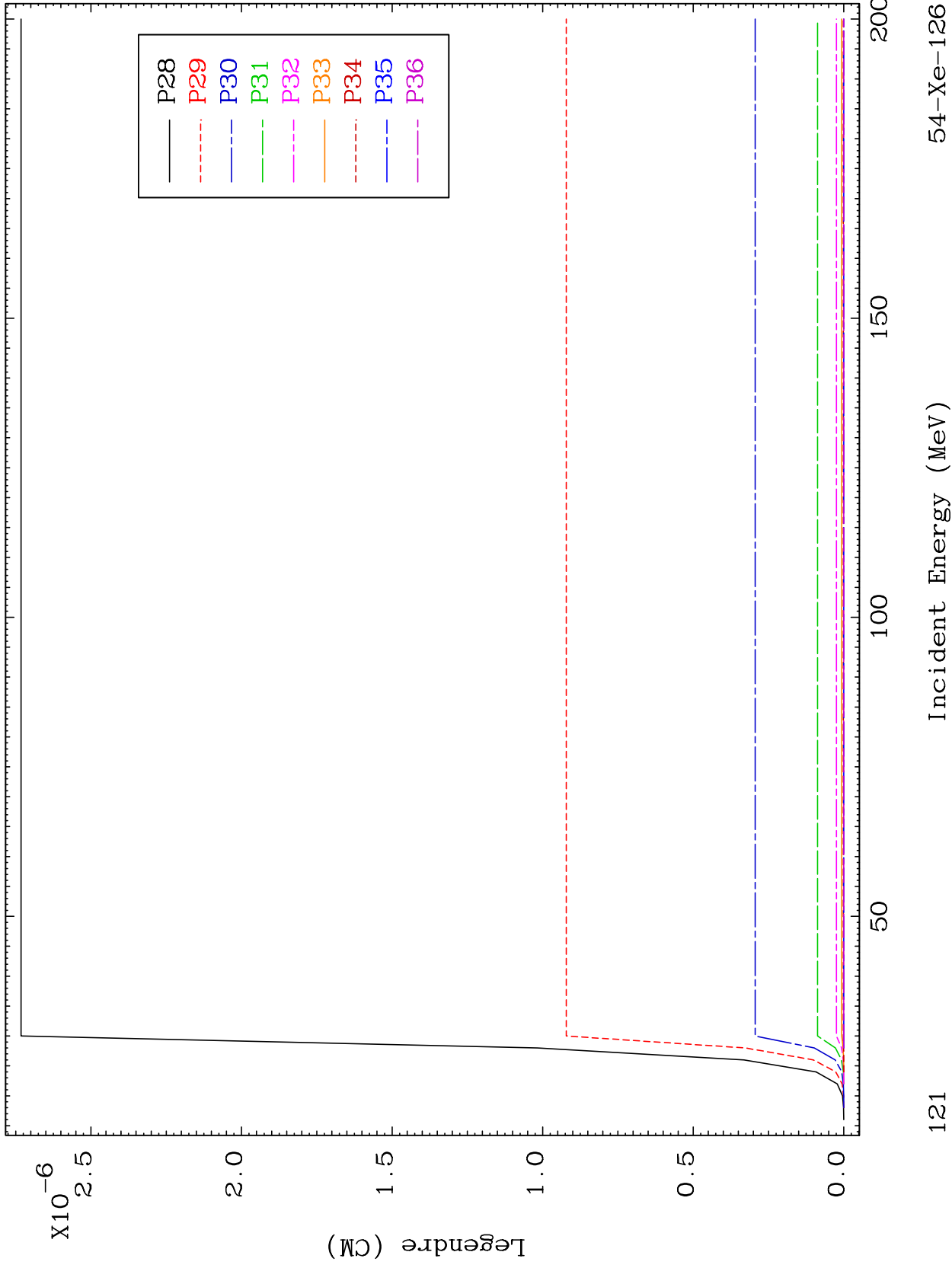
Incident Energy (MeV)

120

MAT 5431

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

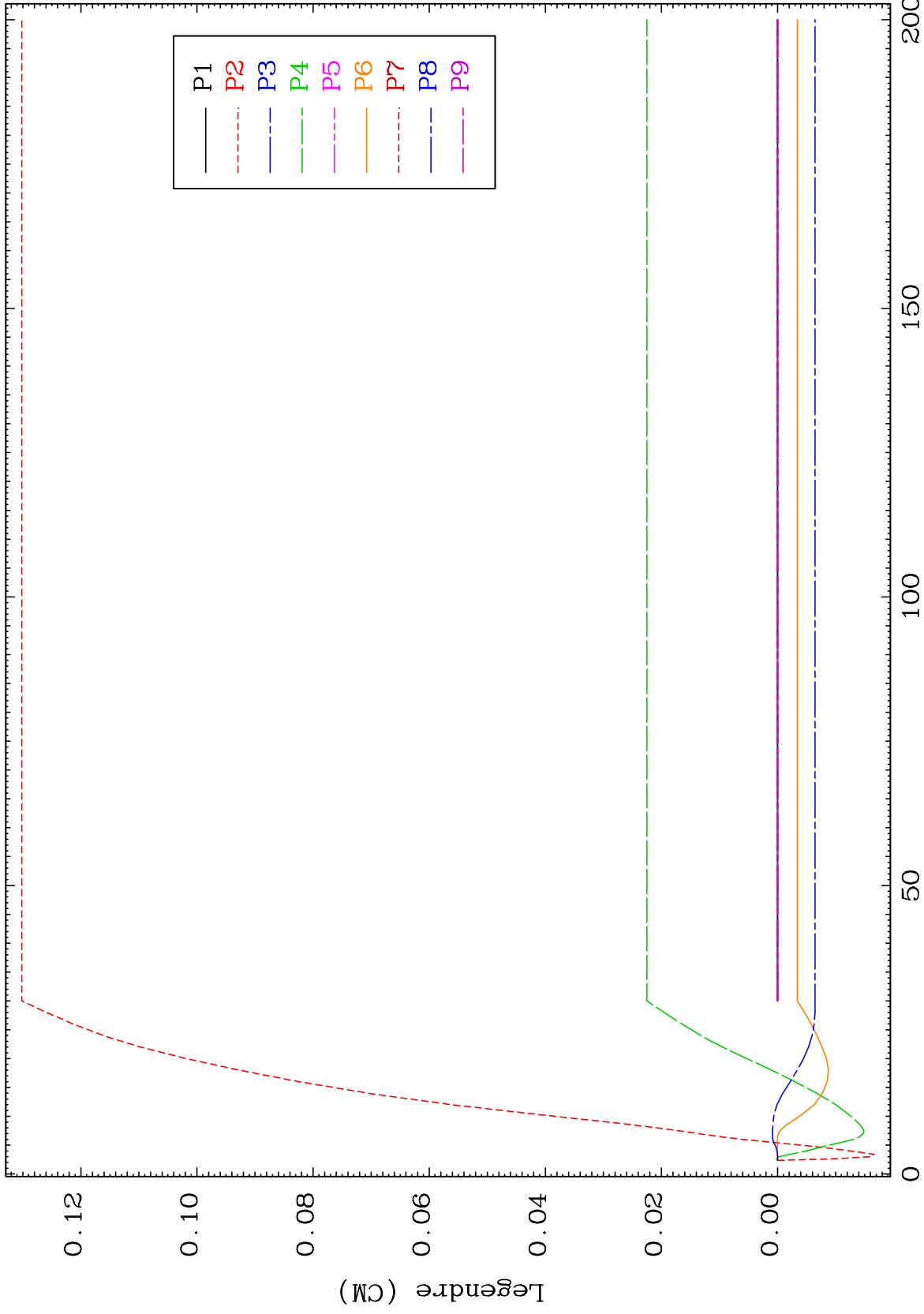
54-Xe-126



MAT 5431

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

54-Xe-126



54-Xe-126

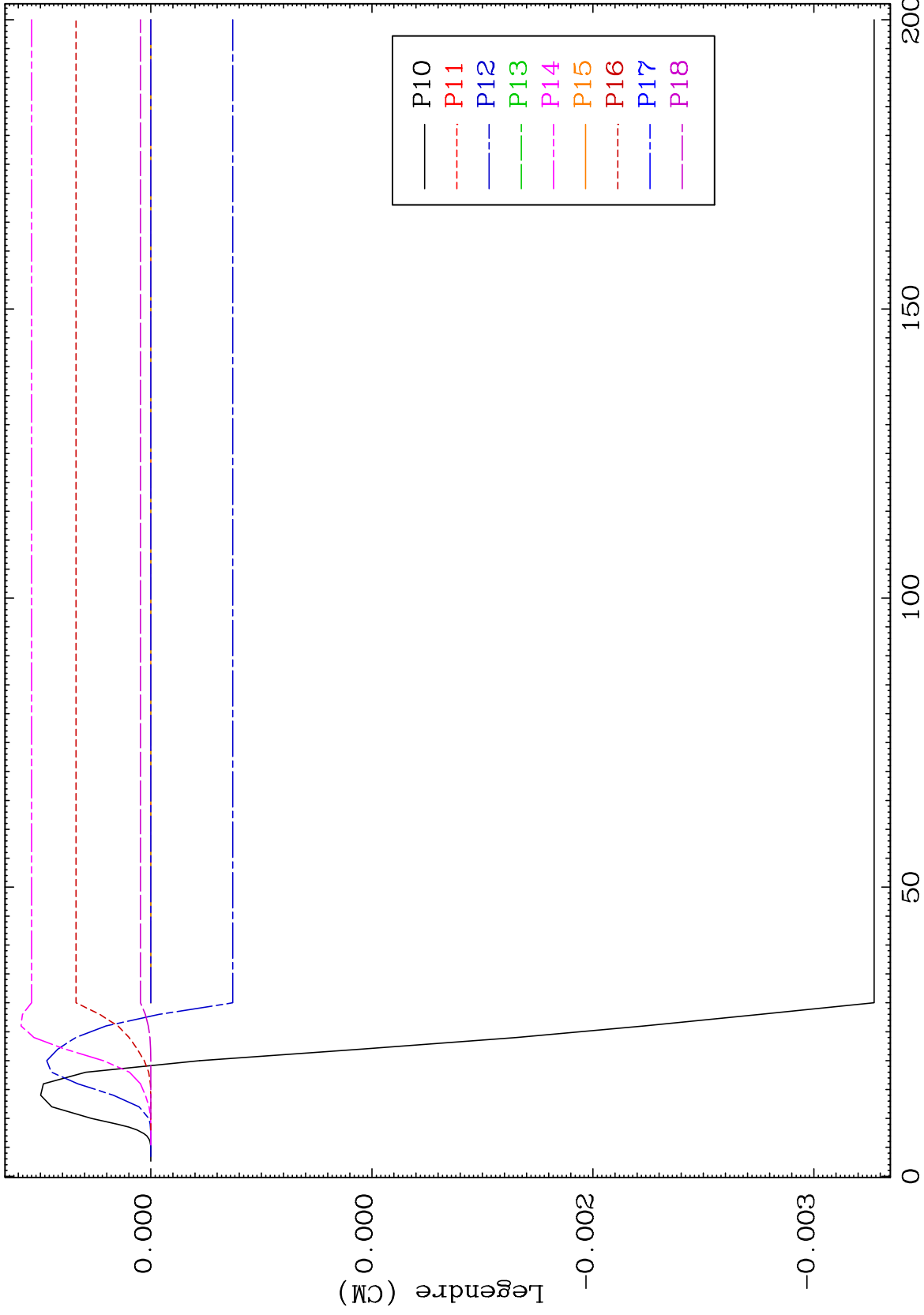
Incident Energy (MeV)

122

MAT 5431

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

54-Xe-126



123

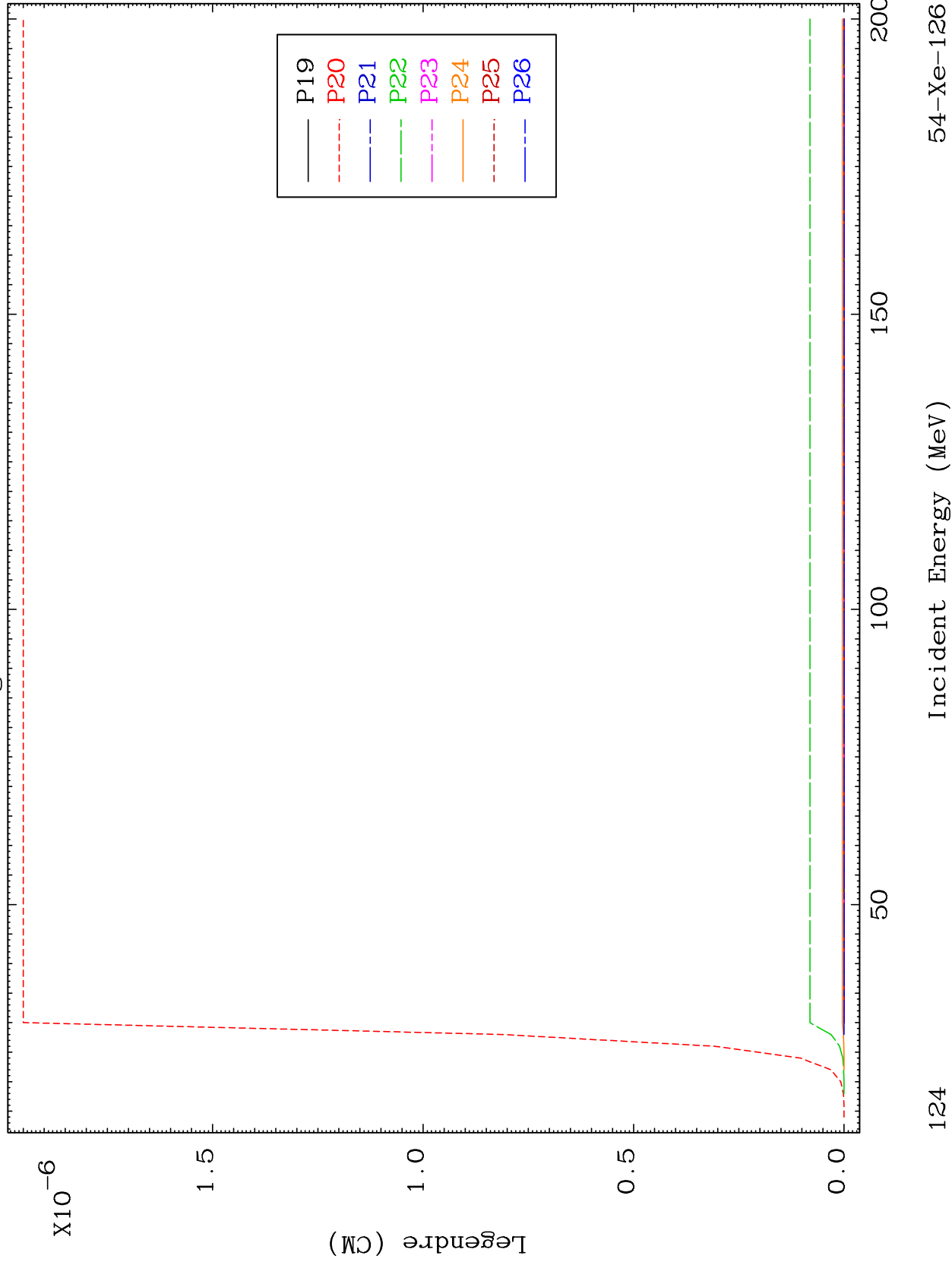
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

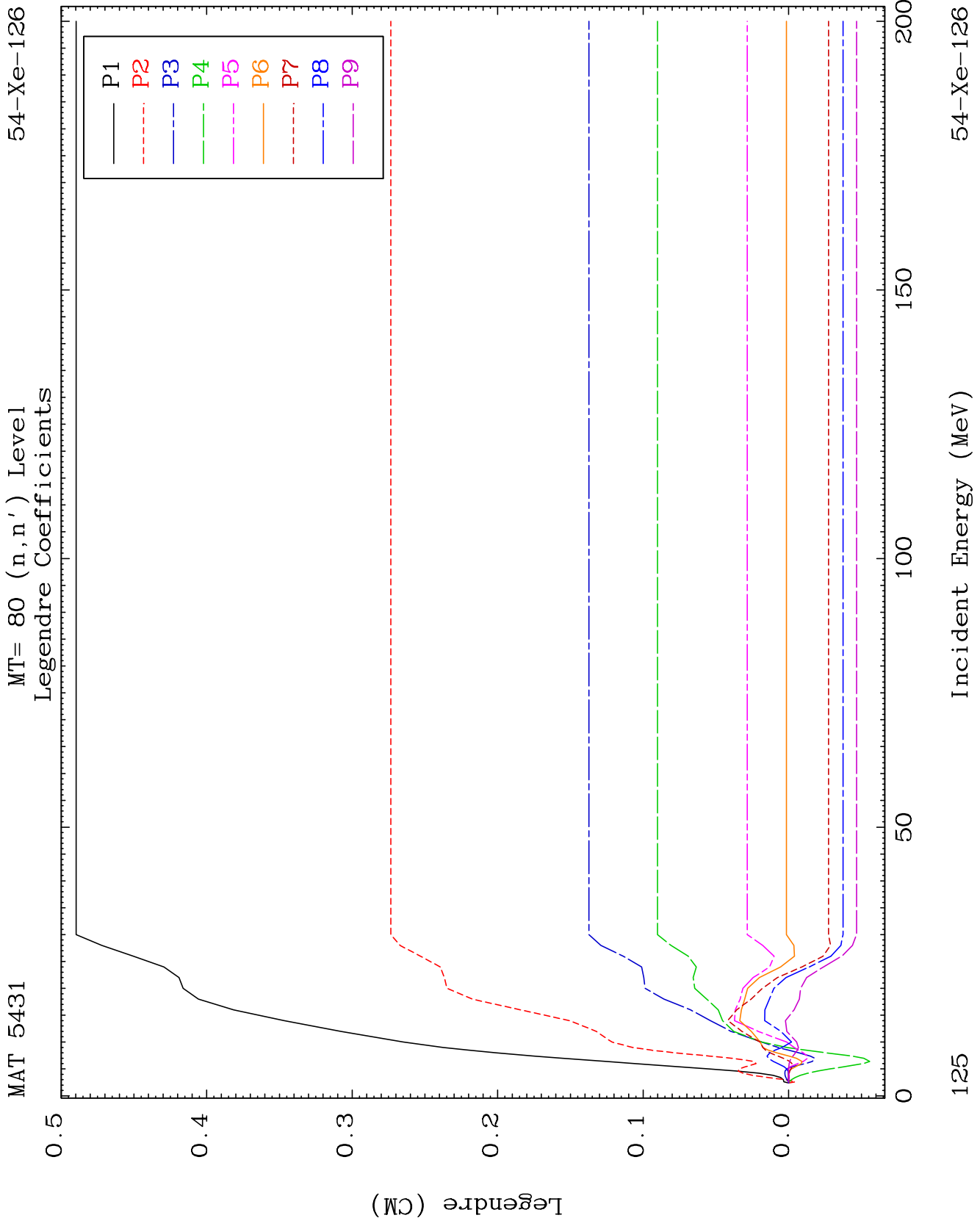
54-Xe-126



54-Xe-126

Incident Energy (MeV)

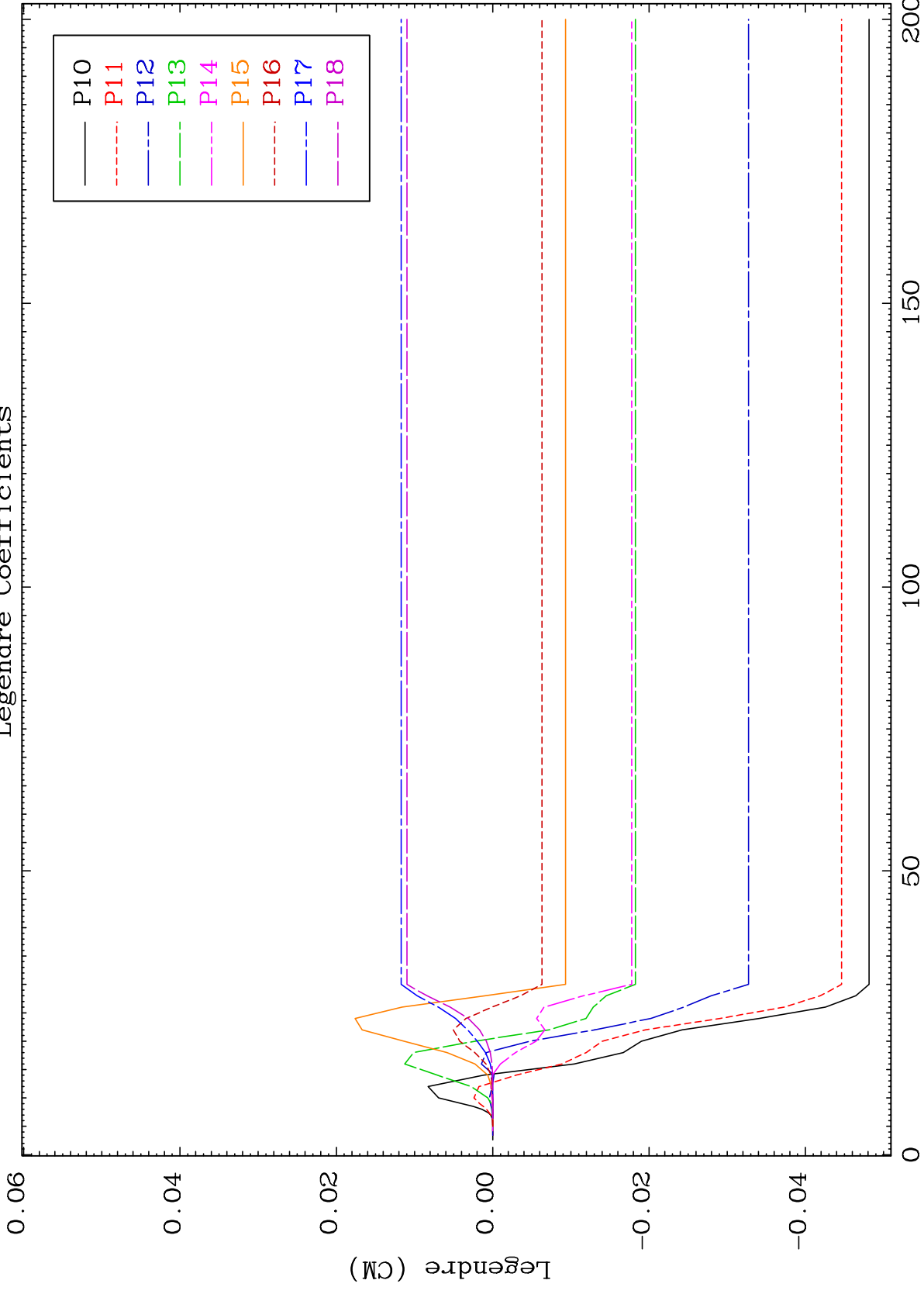
124



MAT 5431

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

54-Xe-126



126

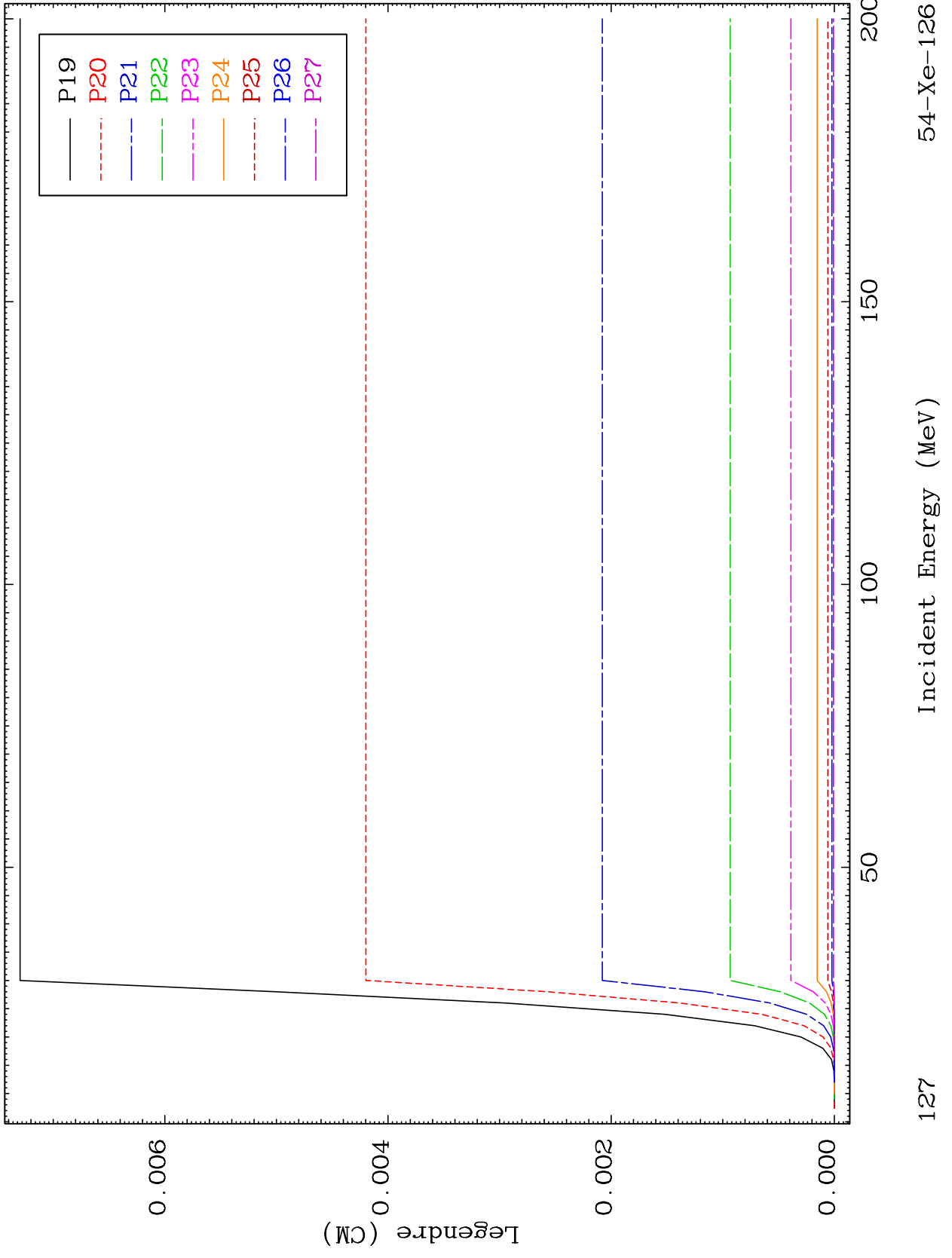
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



127

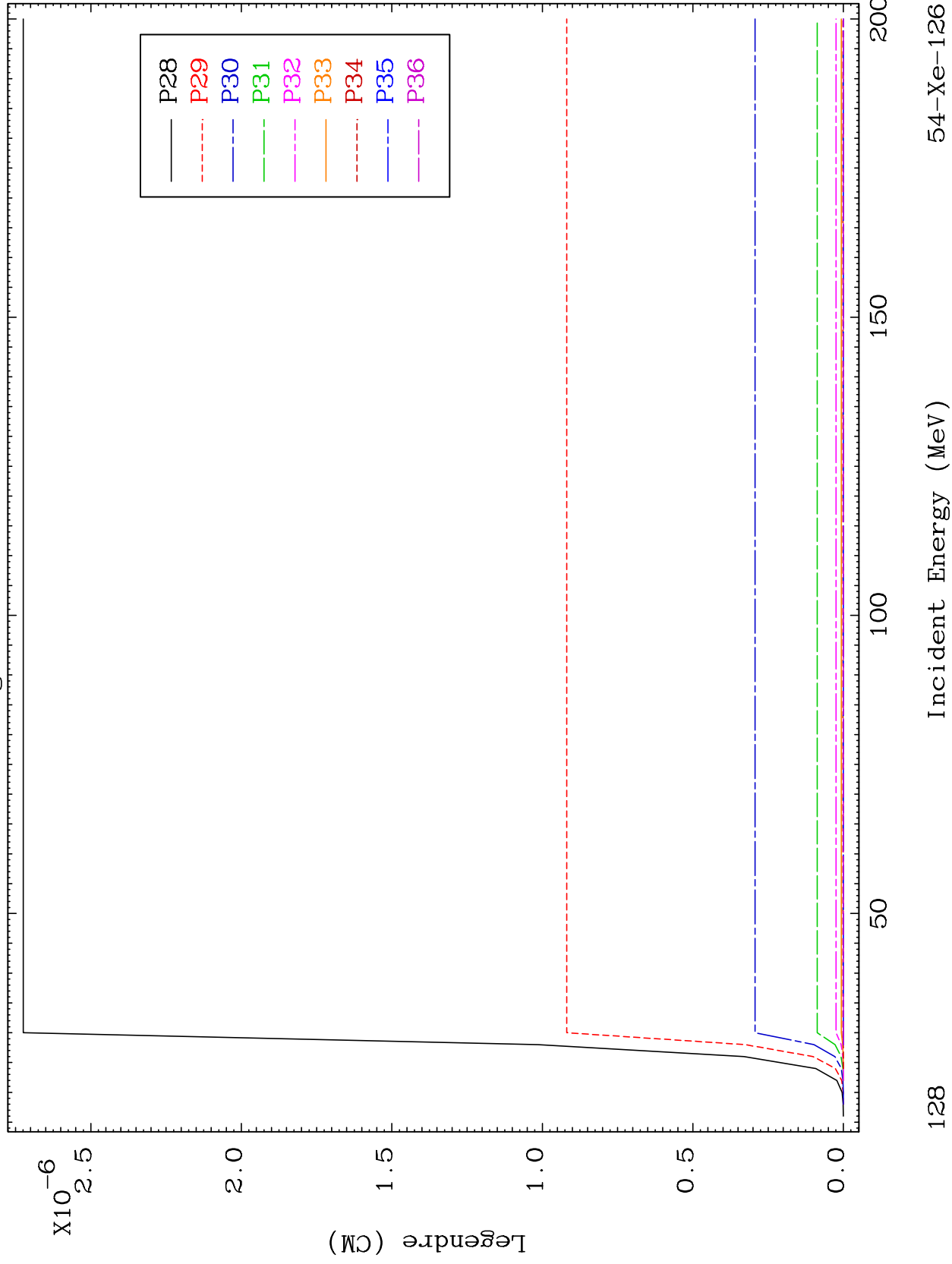
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



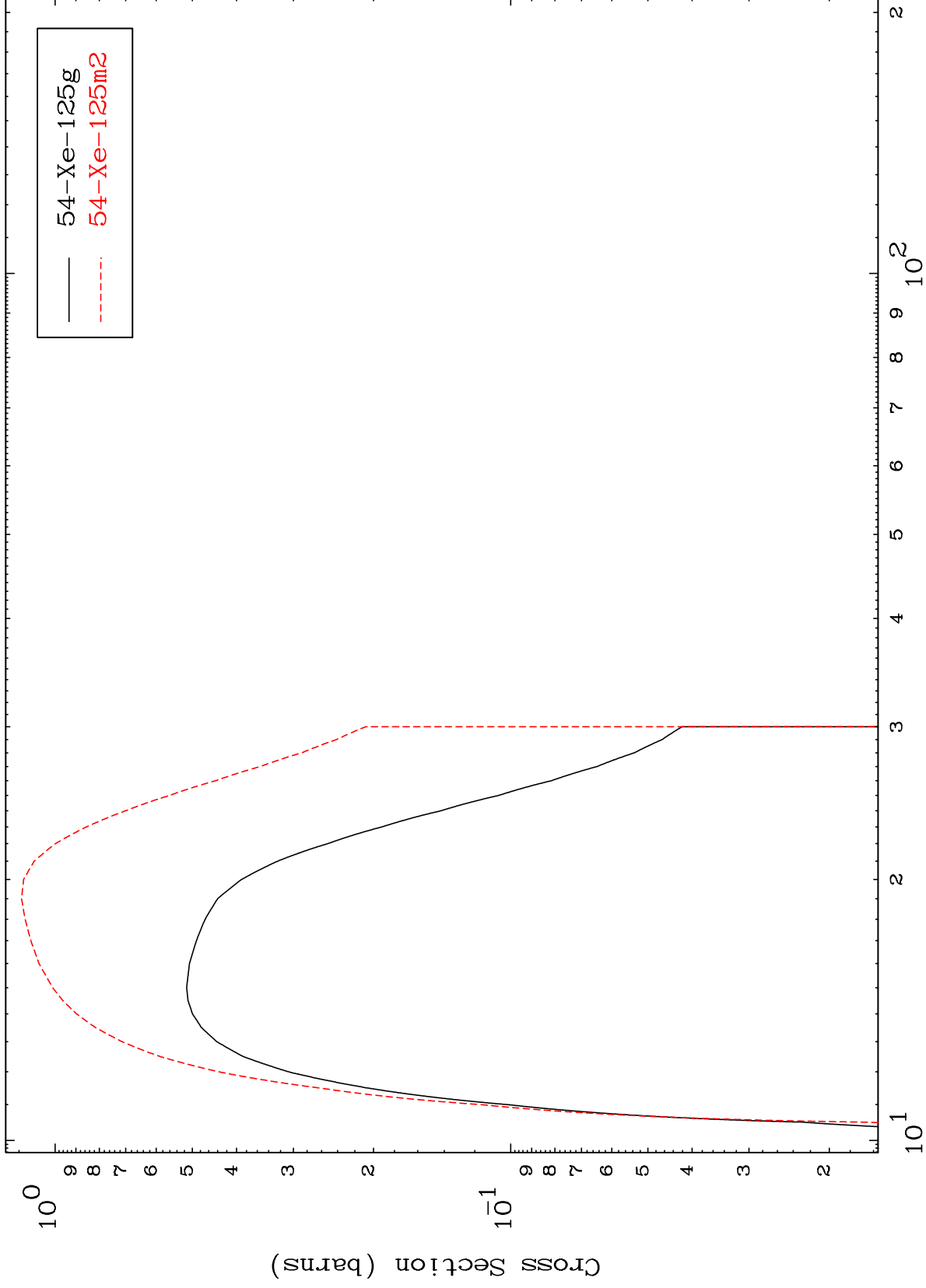
128

54-Xe-126

MAT 5431

54-Xe-126

(n,2n)
Radionuclide Production Cross Section



54-Xe-126

Incident Energy (MeV)

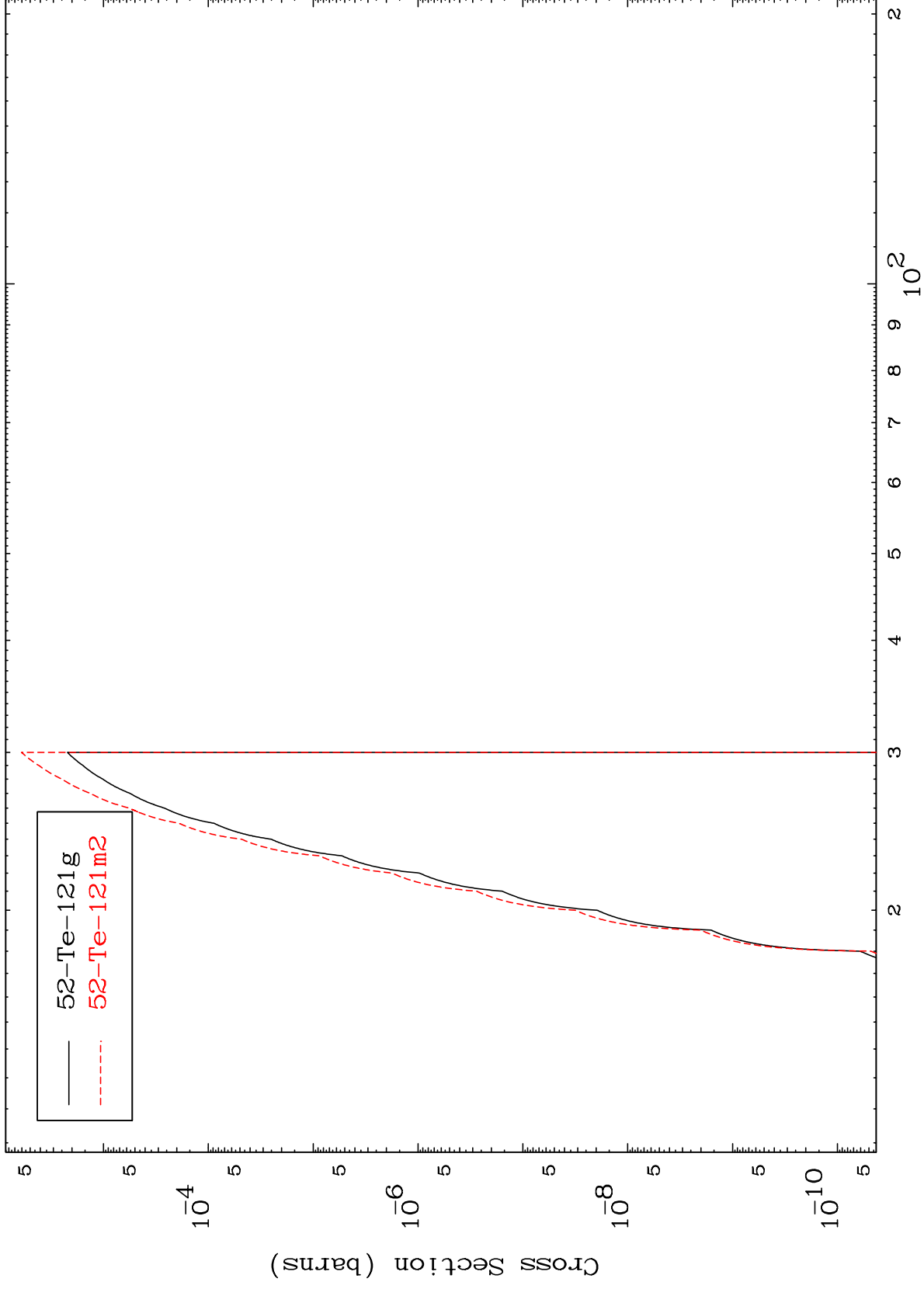
129

MAT 5431

(n,2n) α

54-Xe-126

Radionuclide Production Cross Section



130

Incident Energy (MeV)

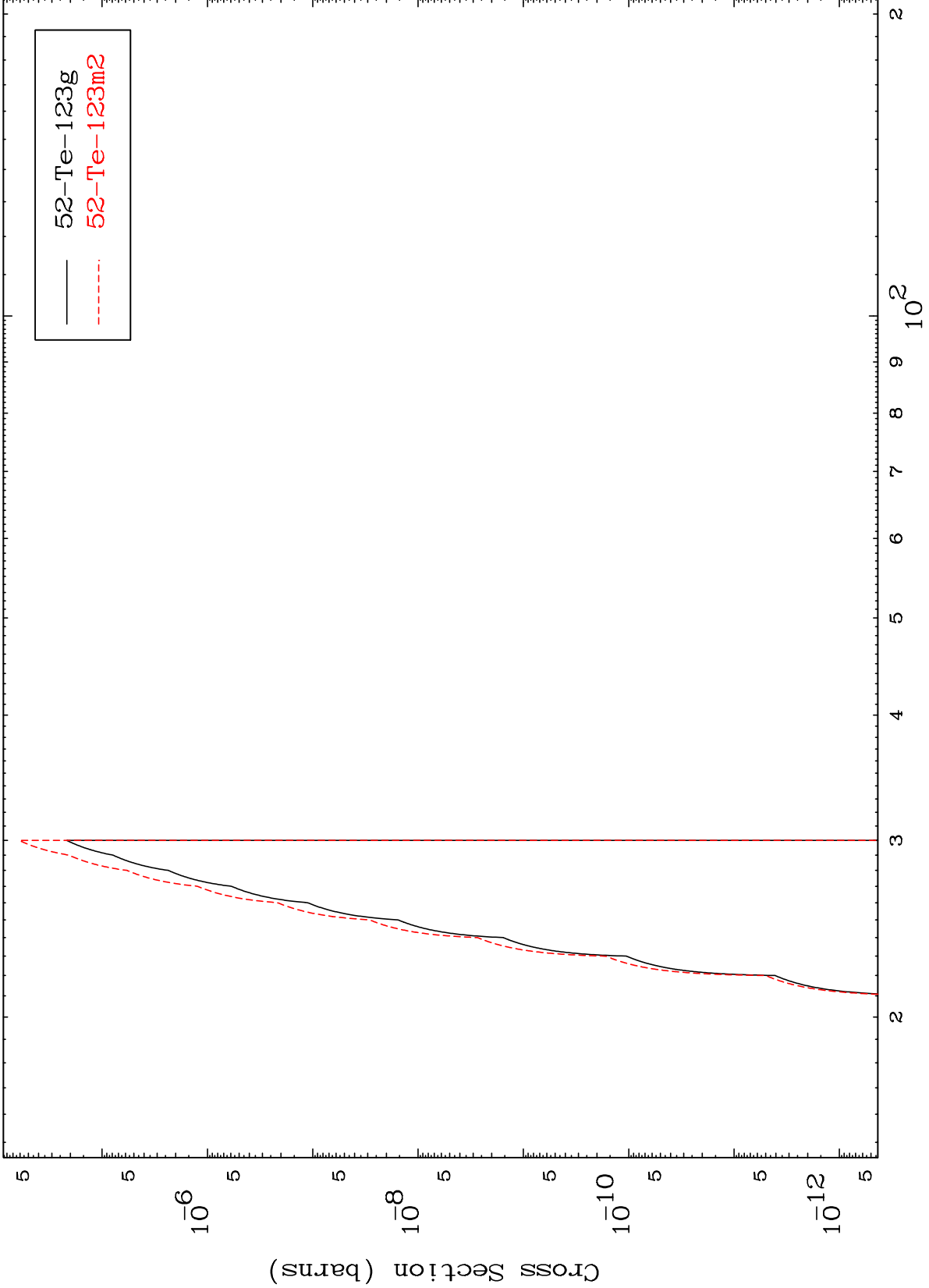
54-Xe-126

MAT 5431

(n,n') He-3

54-Xe-126

Radionuclide Production Cross Section



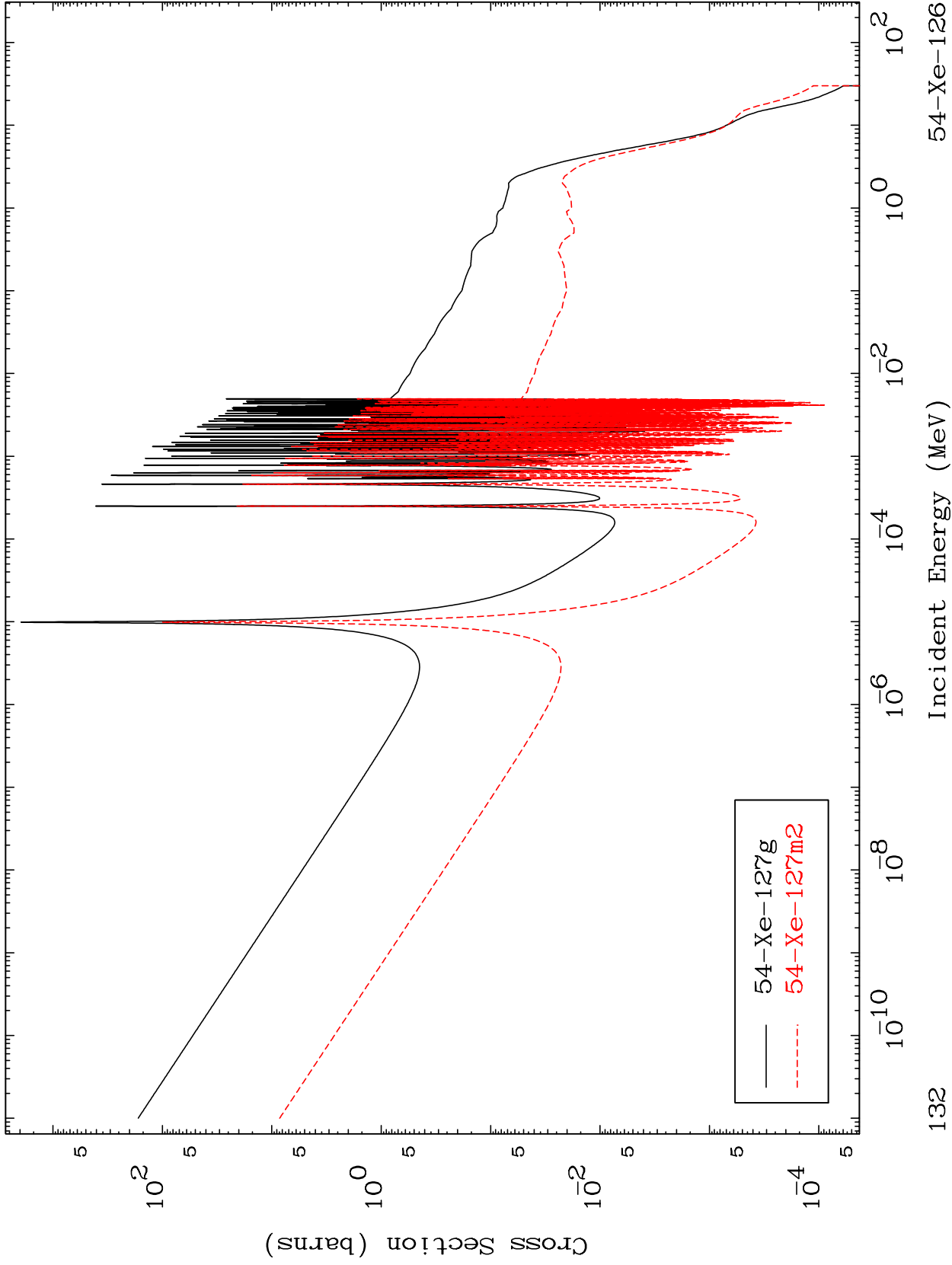
52-Te-123g
52-Te-123m2

131

Incident Energy (MeV)

54-Xe-126

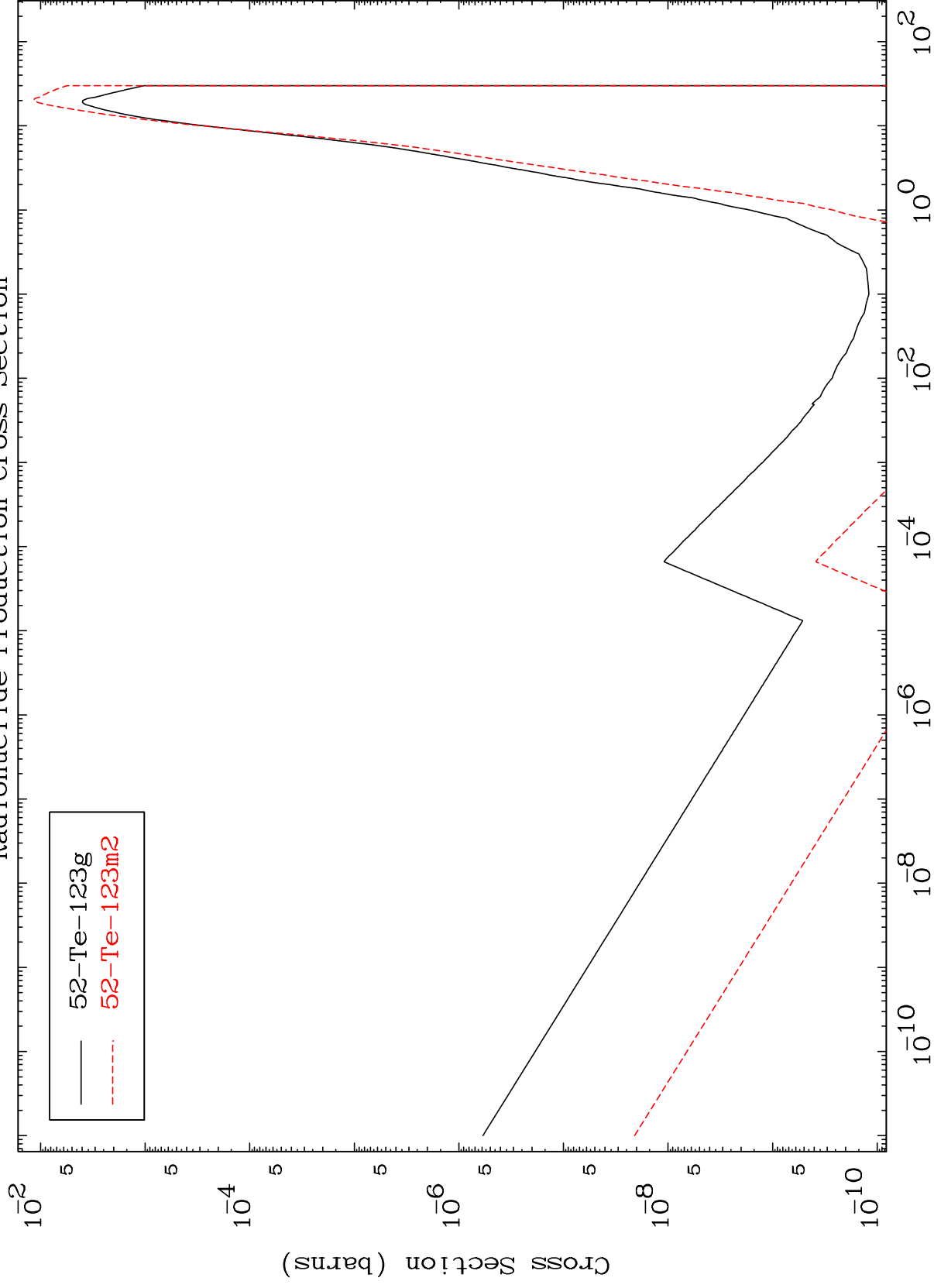
(n,γ)
Radionuclide Production Cross Section



MAT 5431

54-Xe-126

(n, α)
Radionuclide Production Cross Section



133

54-Xe-126

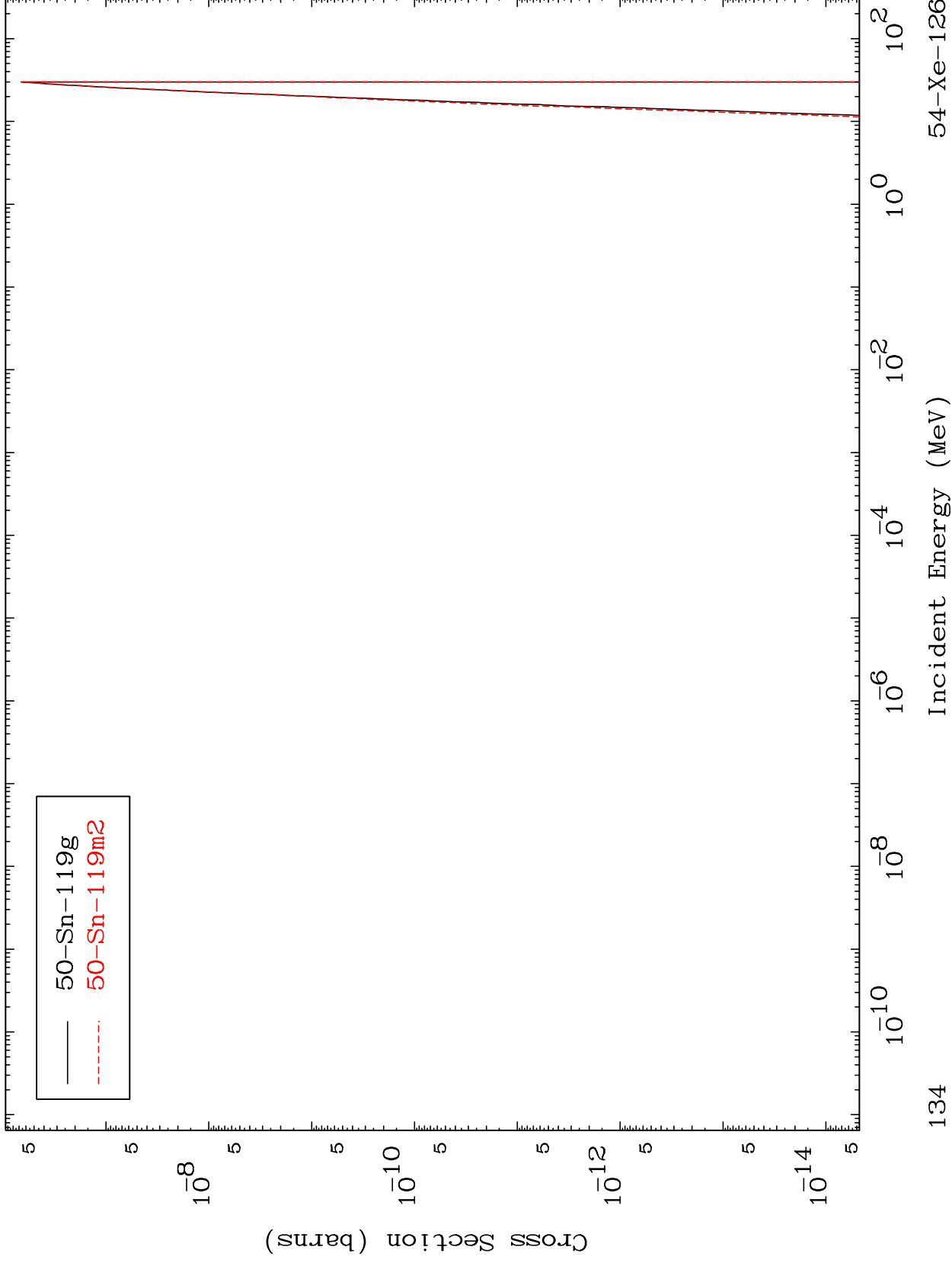
Incident Energy (MeV)

MAT 5431

(n,2α)

54-Xe-126

Radionuclide Production Cross Section



134

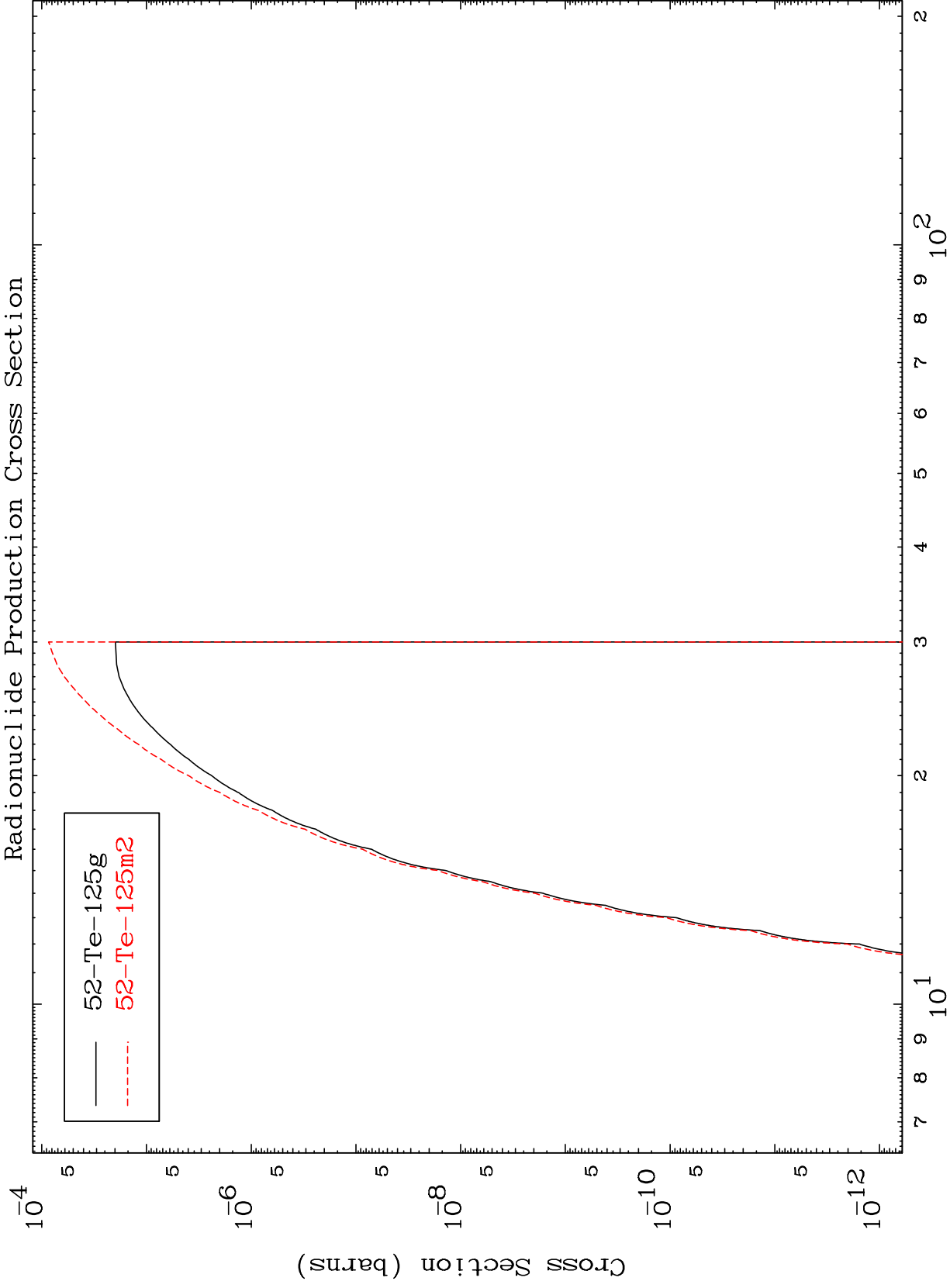
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

(n,2p)
Radionuclide Production Cross Section



135

Incident Energy (MeV)

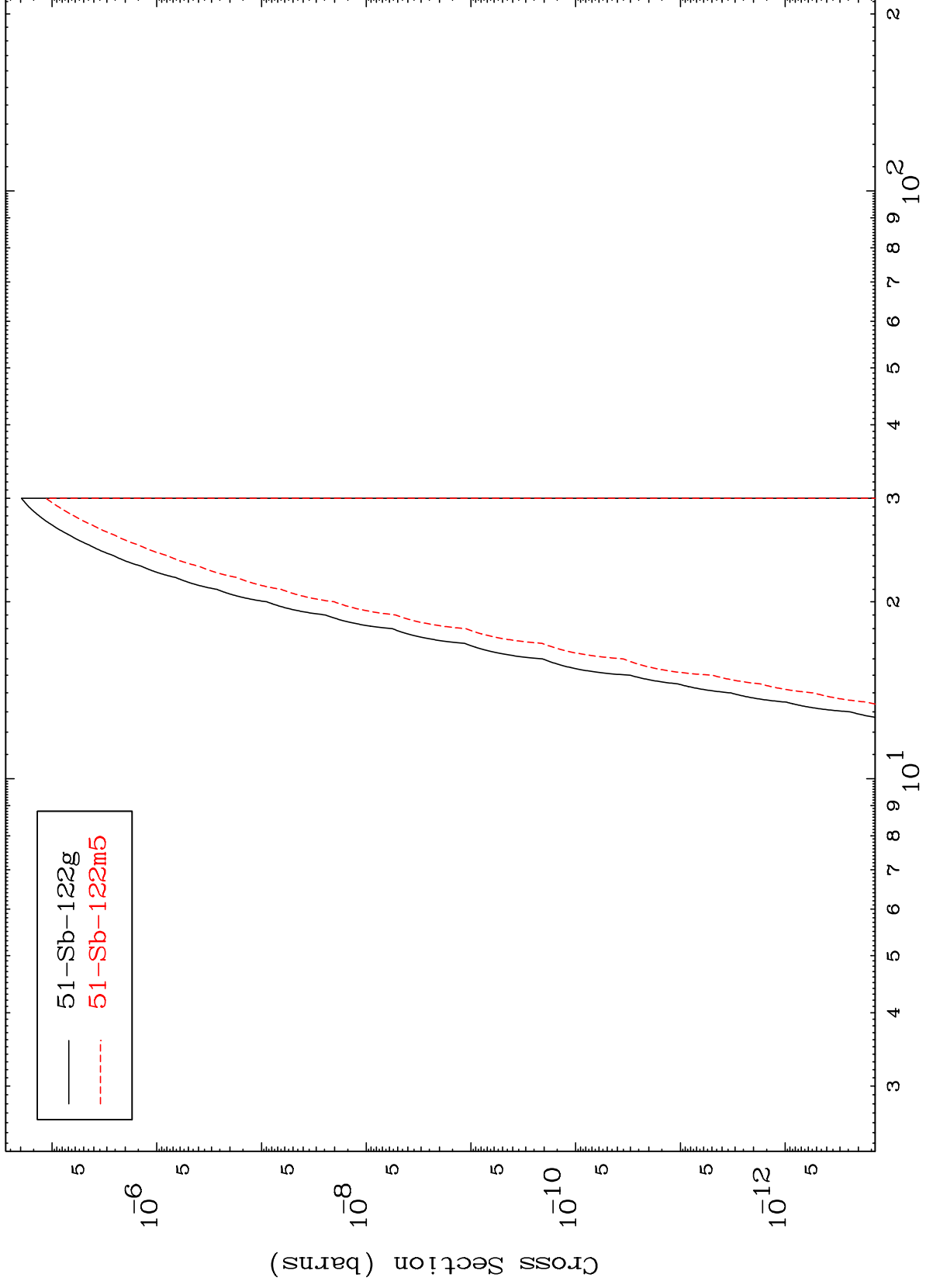
54-Xe-126

MAT 5431

(n,p) α

54-Xe-126

Radionuclide Production Cross Section



136

Incident Energy (MeV)

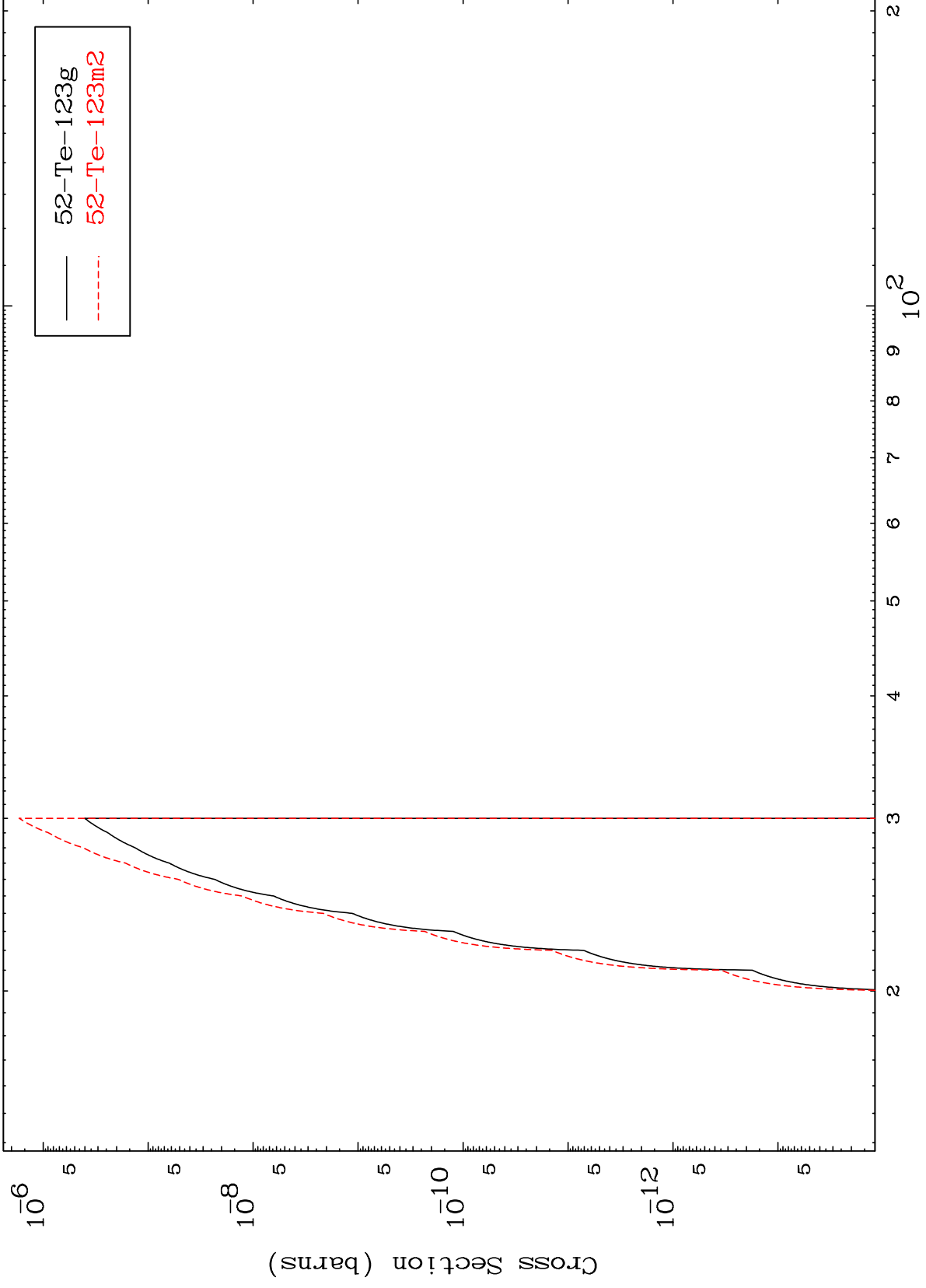
54-Xe-126

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54-Xe-126

Radionuclide Production Cross Section



137

Incident Energy (MeV)

54-Xe-126