

Program EVALPLOT
(Version 2015-2)

by

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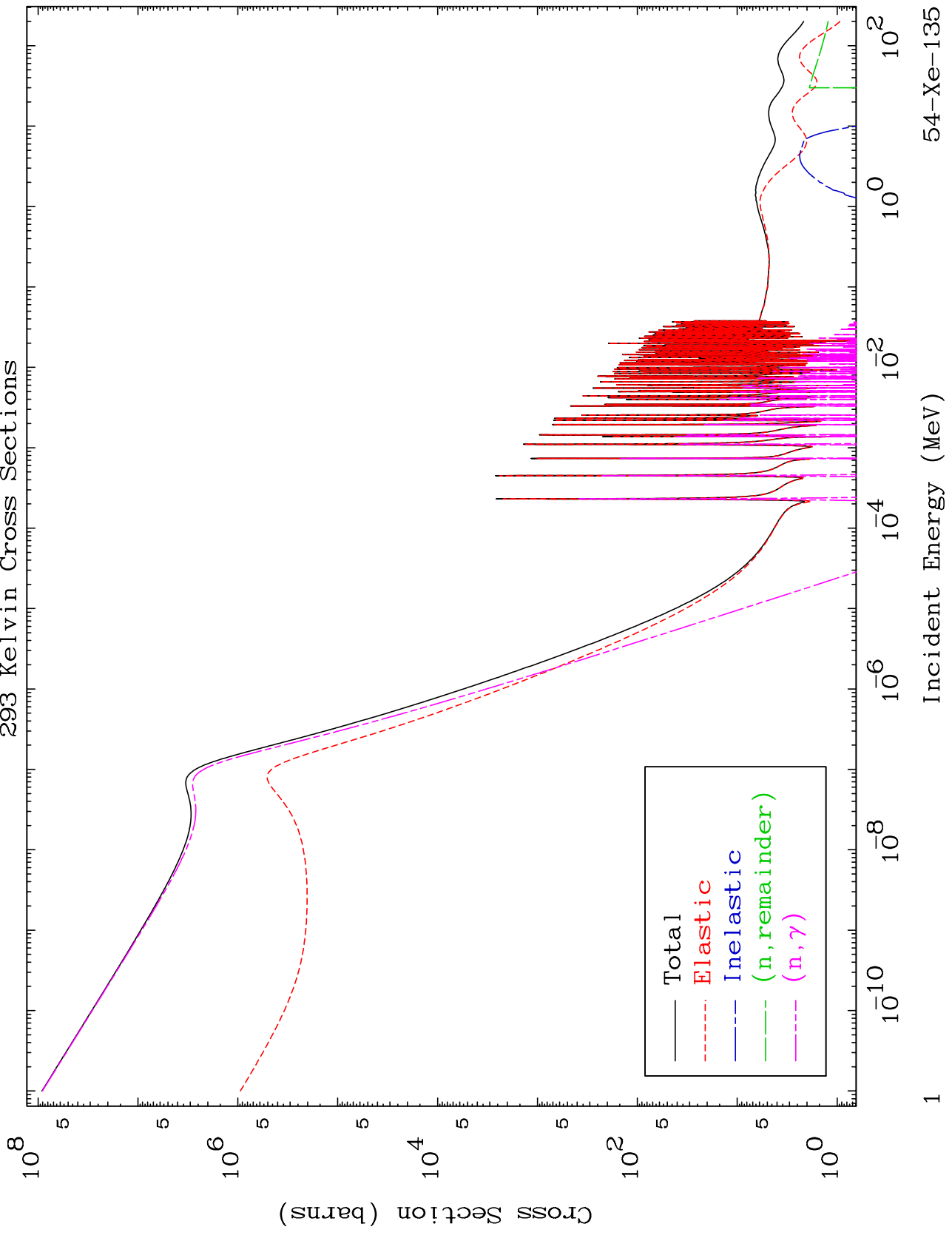
Press Mouse Button to Start

MAT 5458

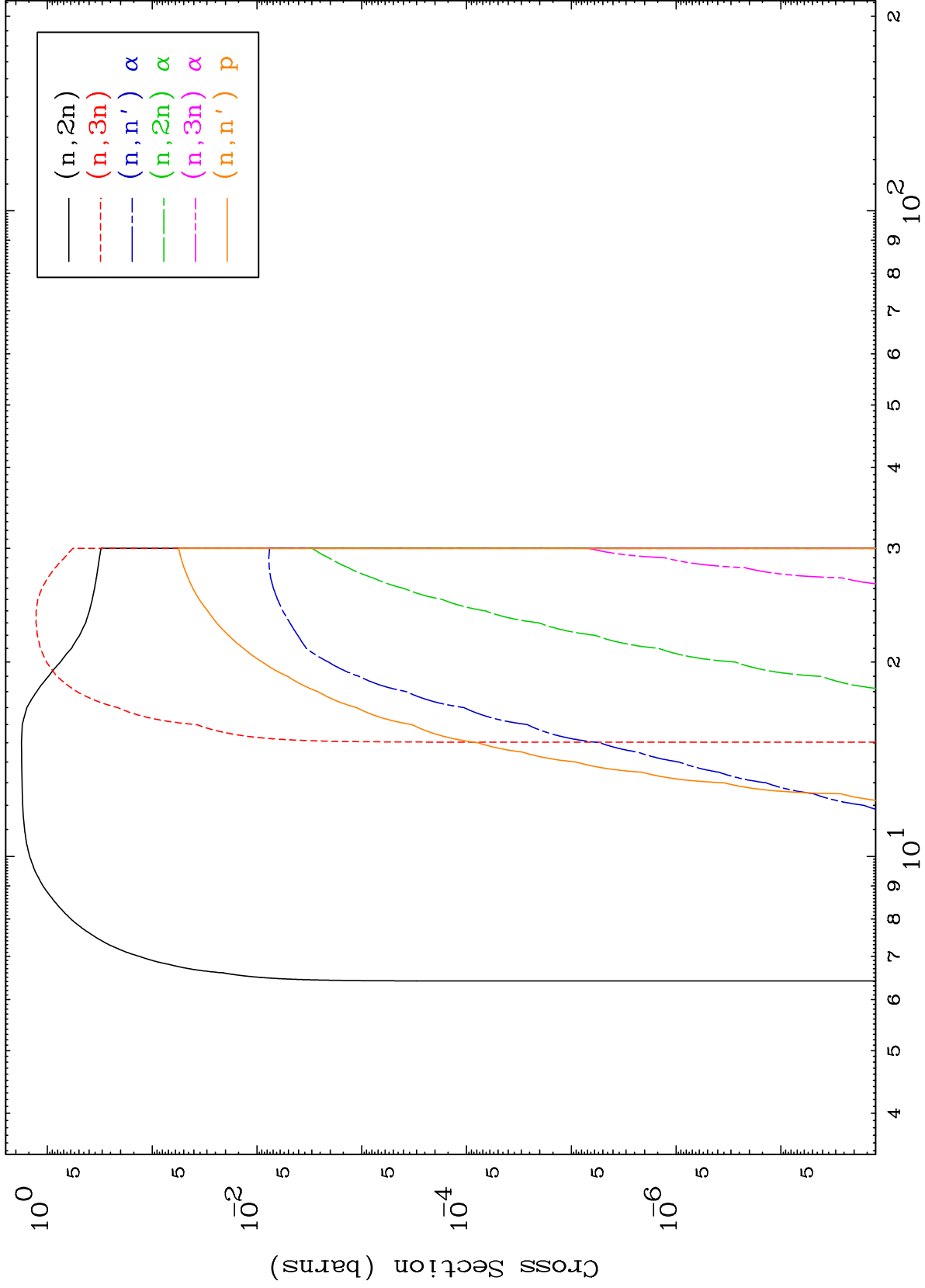
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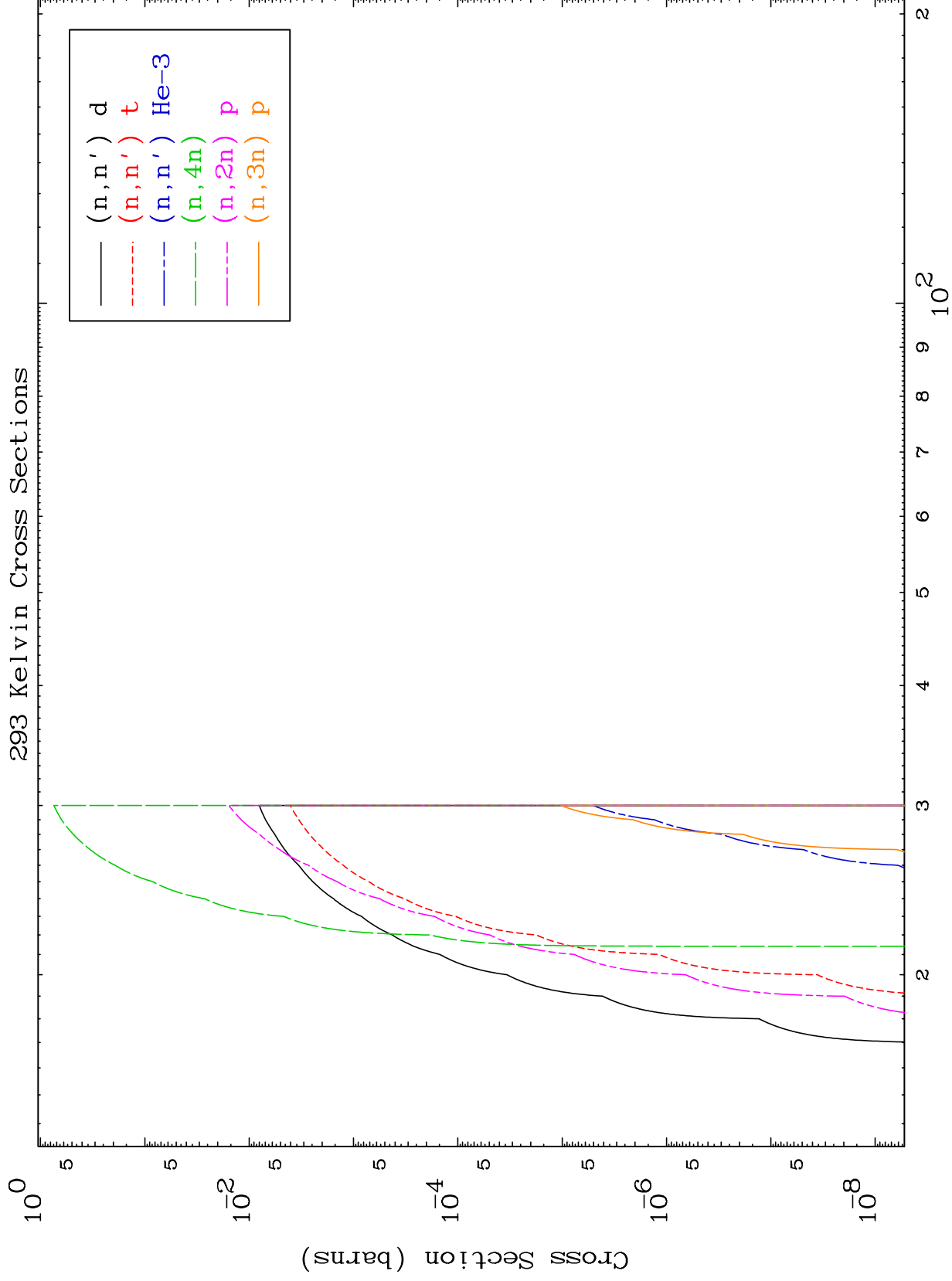
293 Kelvin Cross Sections

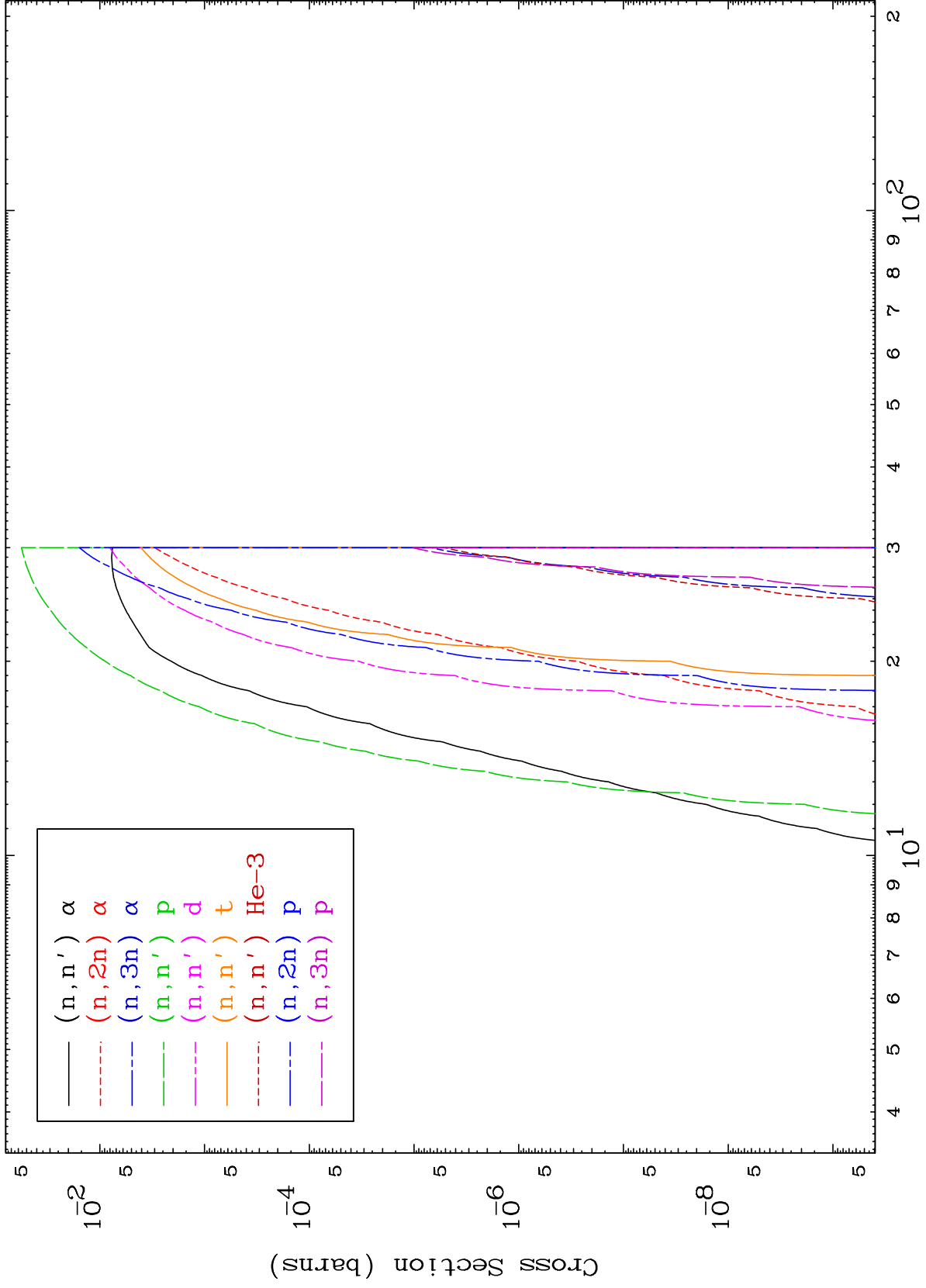
54-Xe-135



Neutron Production
293 Kelvin Cross Sections



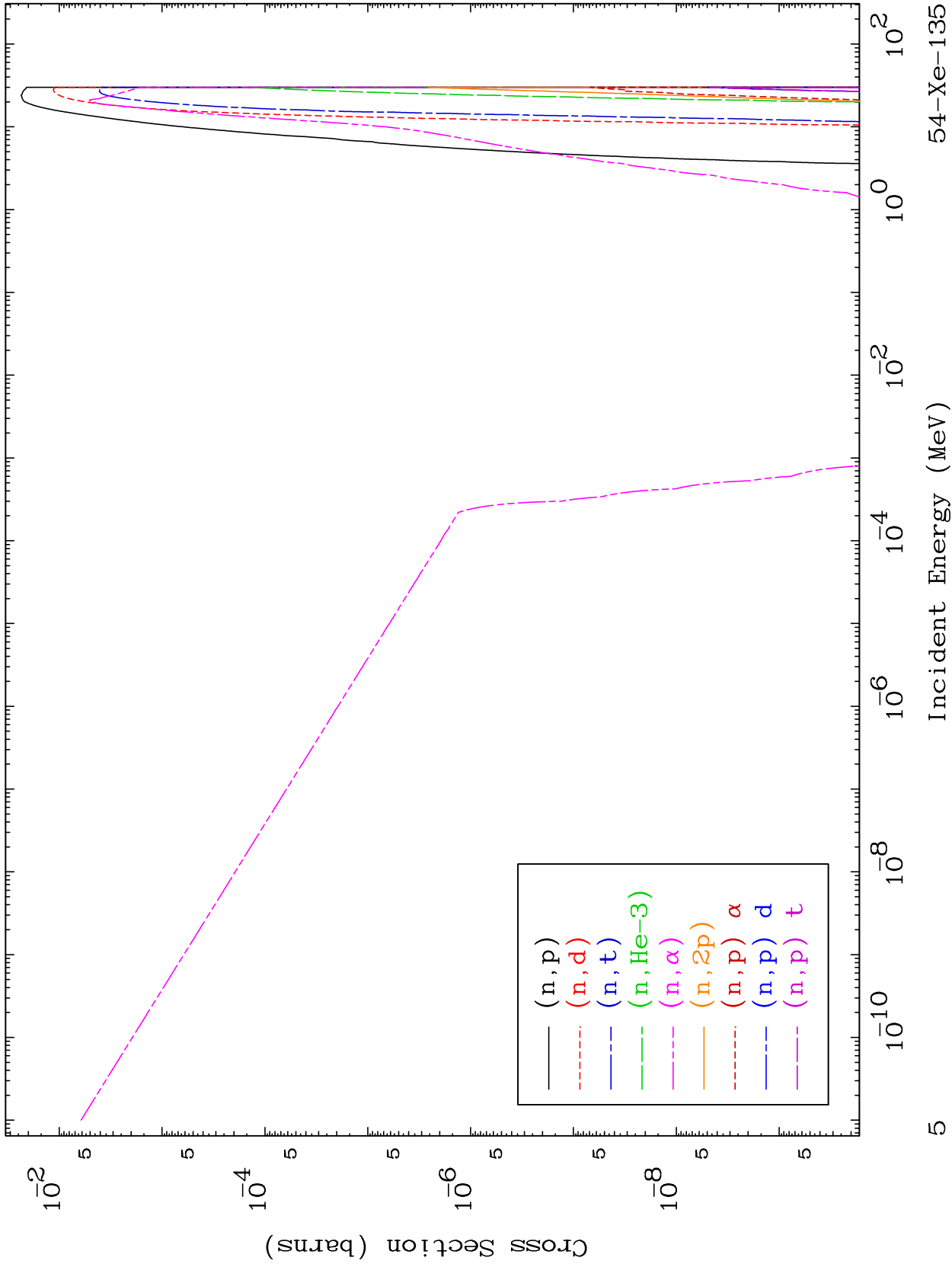




MAT 5458

Charged Particle
293 Kelvin Cross Sections

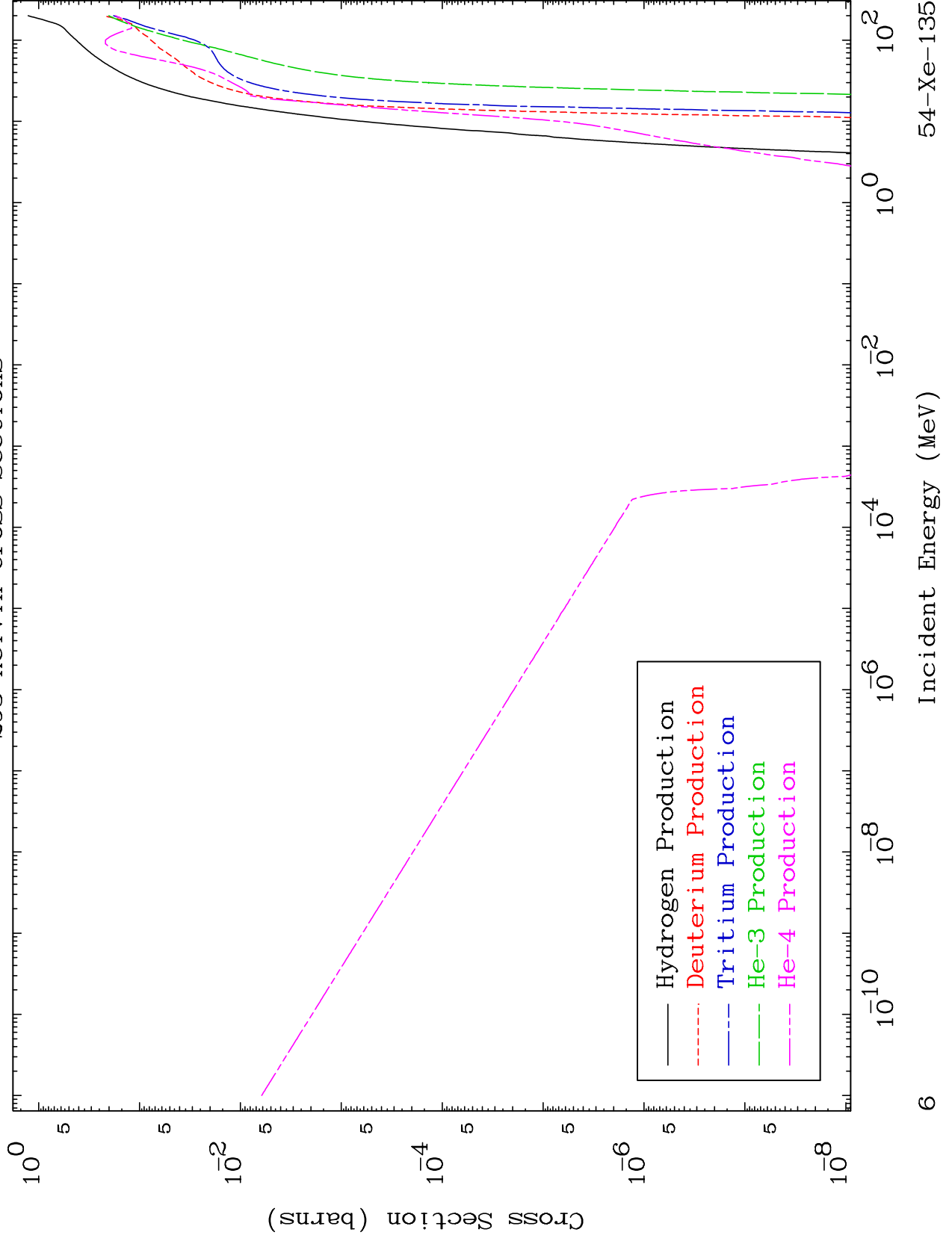
54-Xe-135

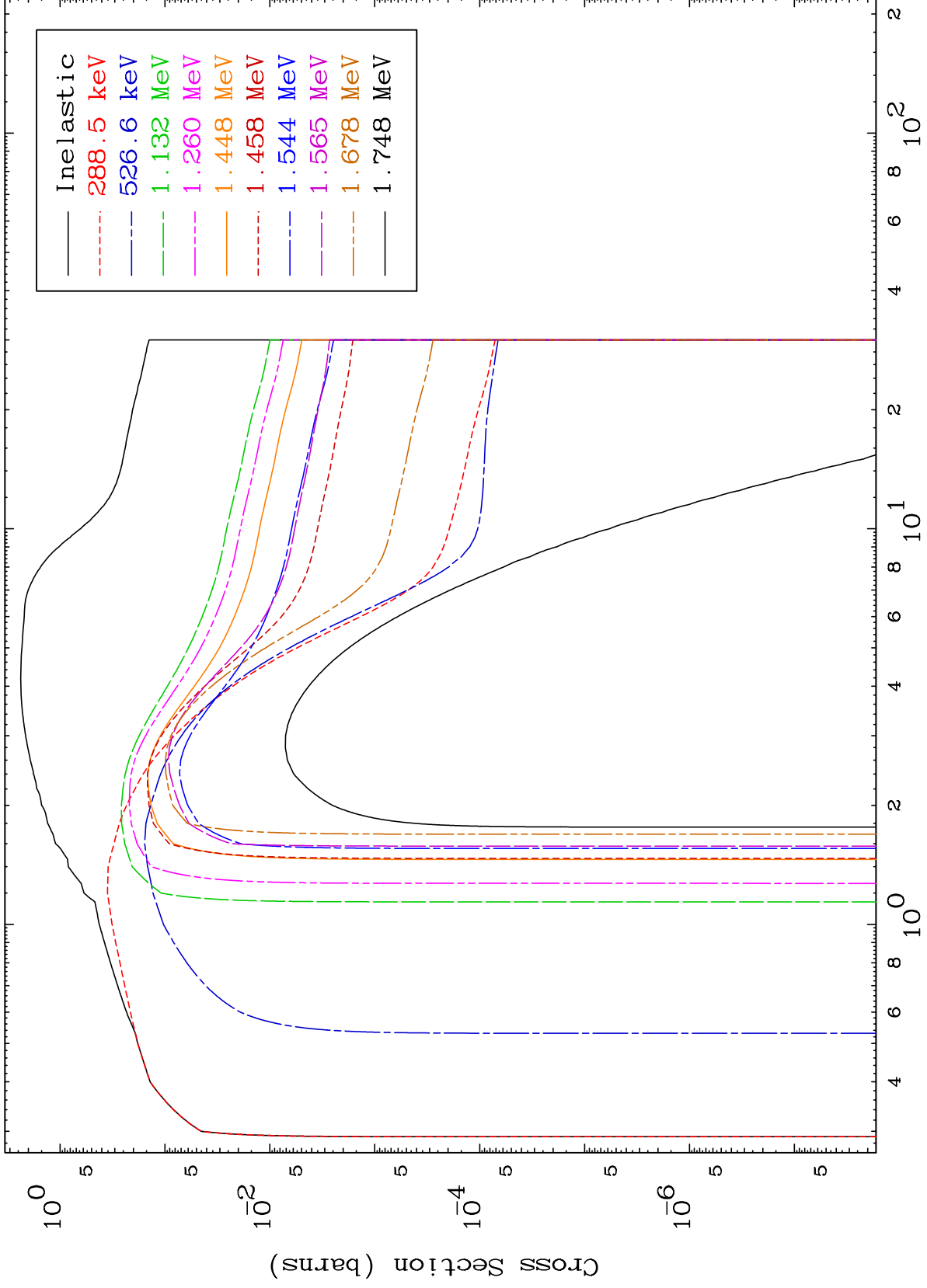


MAT 5458

Particle Production
293 Kelvin Cross Sections

54-Xe-135

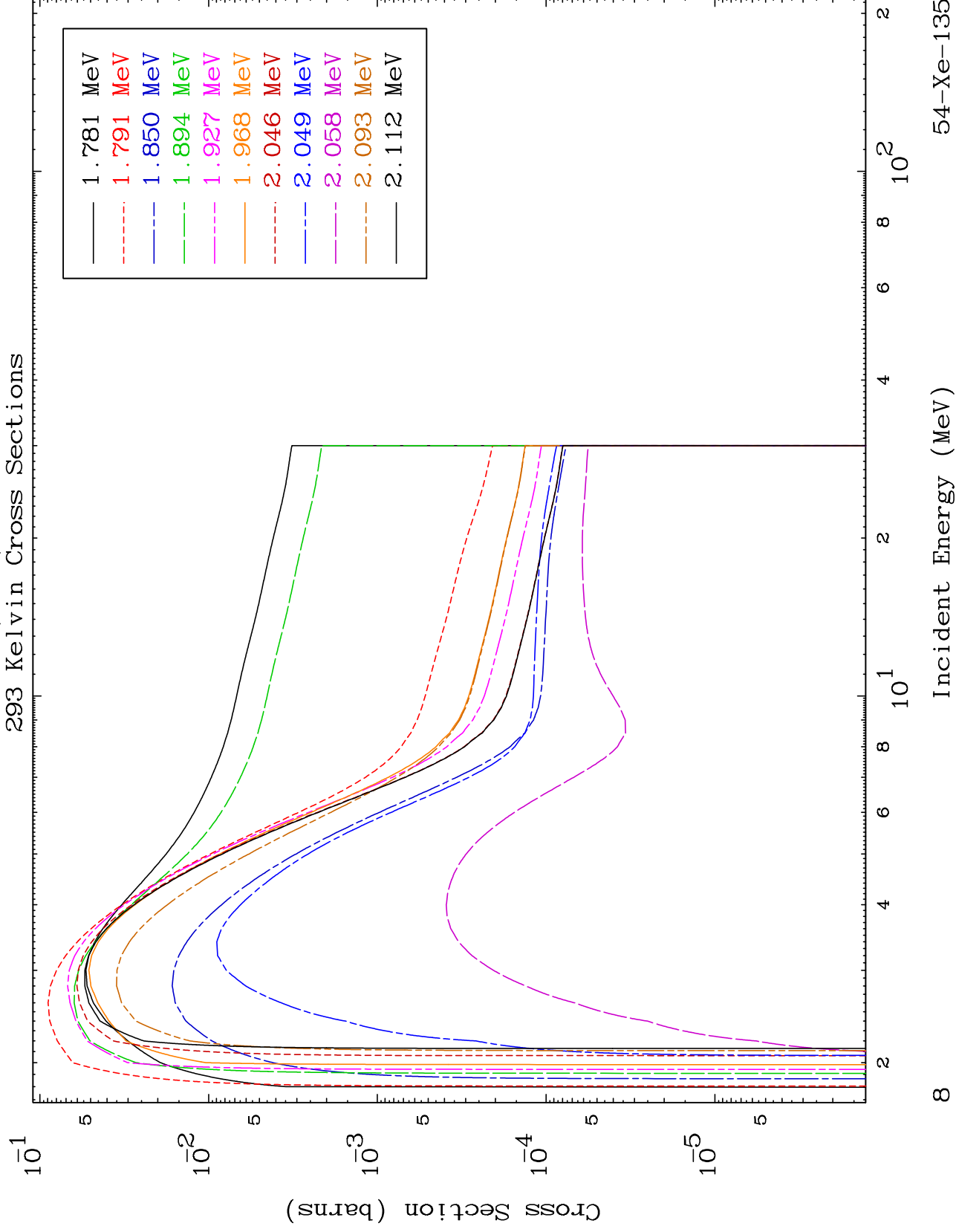




MAT 5458

(n,n') Level
293 Kelvin Cross Sections

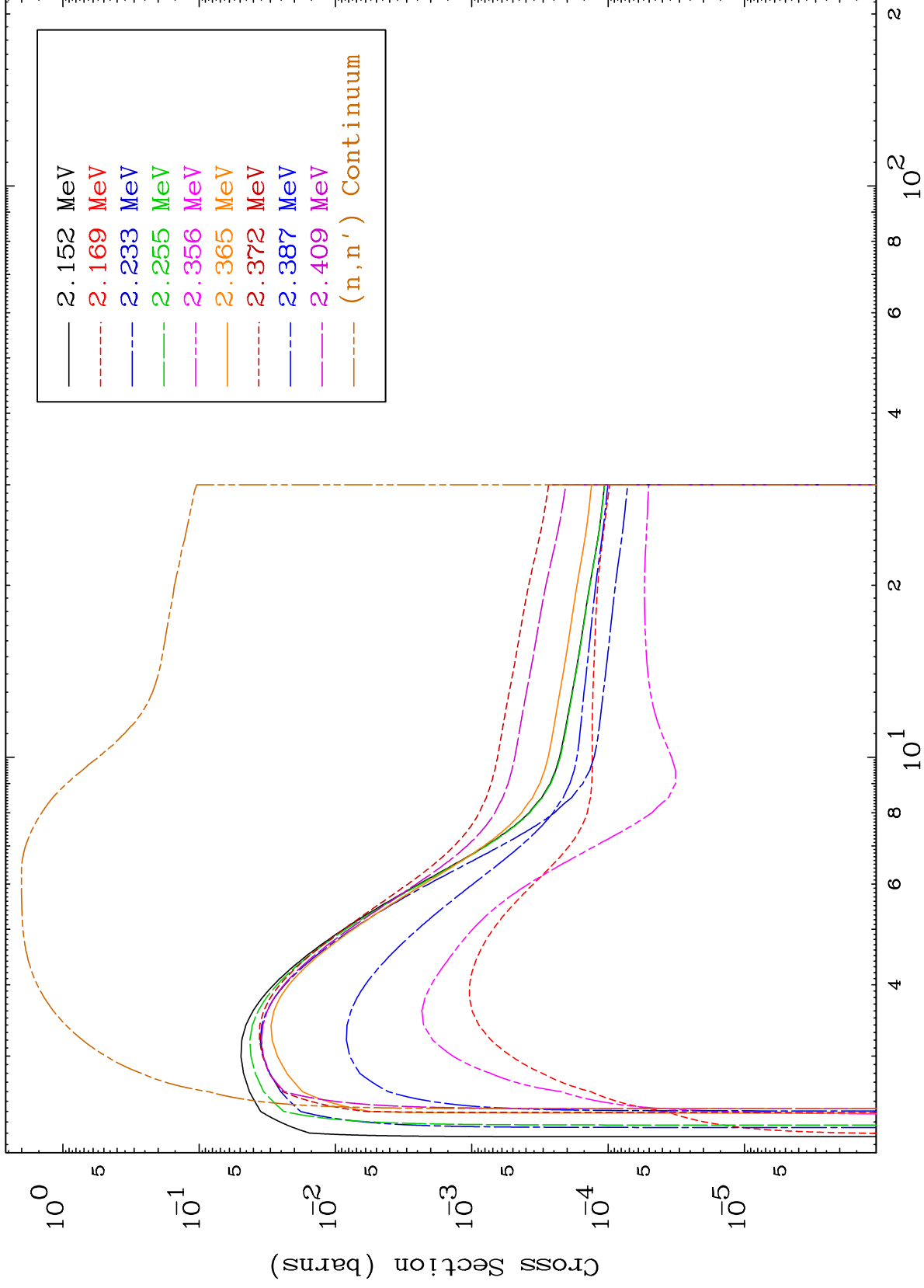
54-Xe-135



8

Incident Energy (MeV)

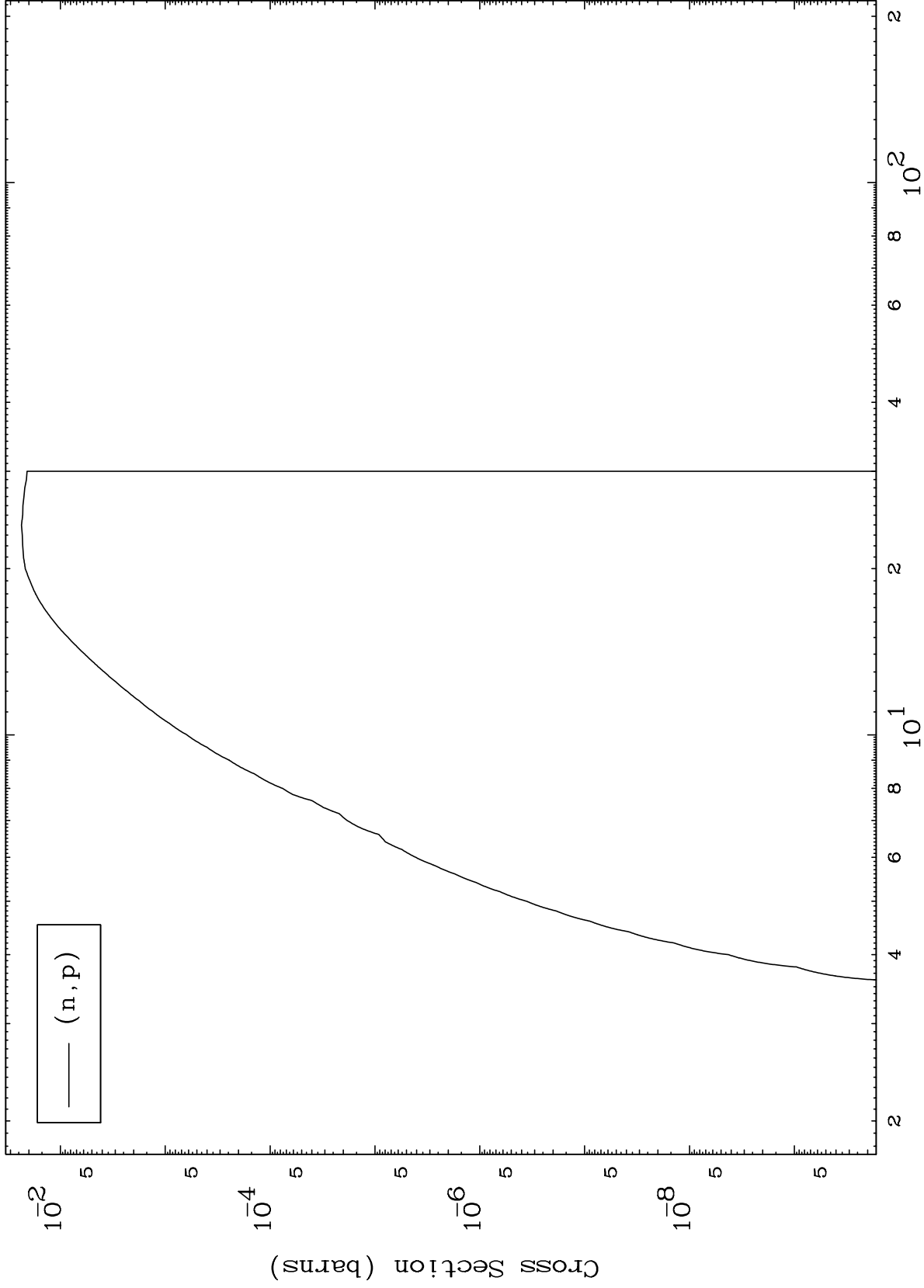
54-Xe-135



MAT 5458

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135



(n,p)

10

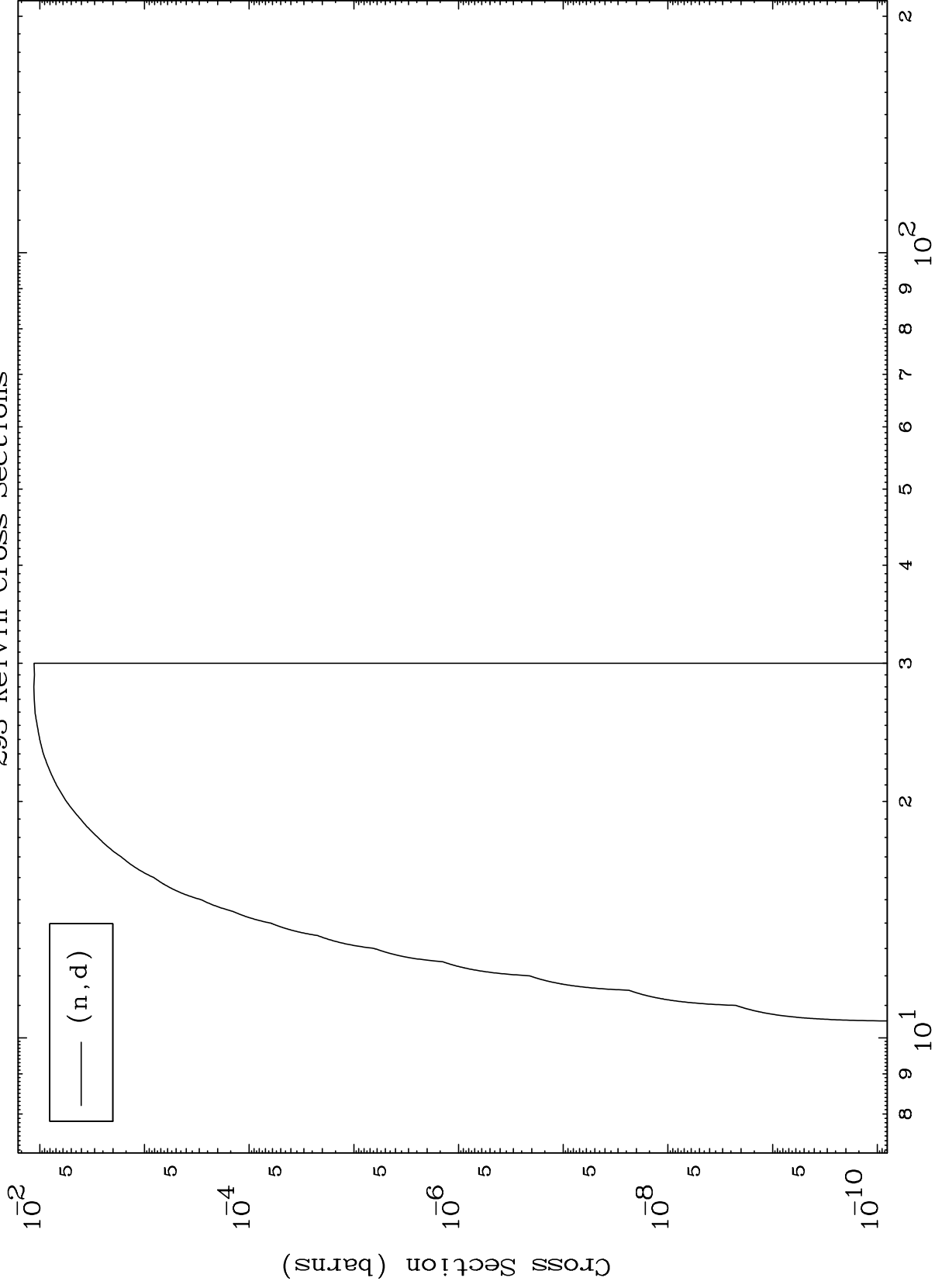
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135



11

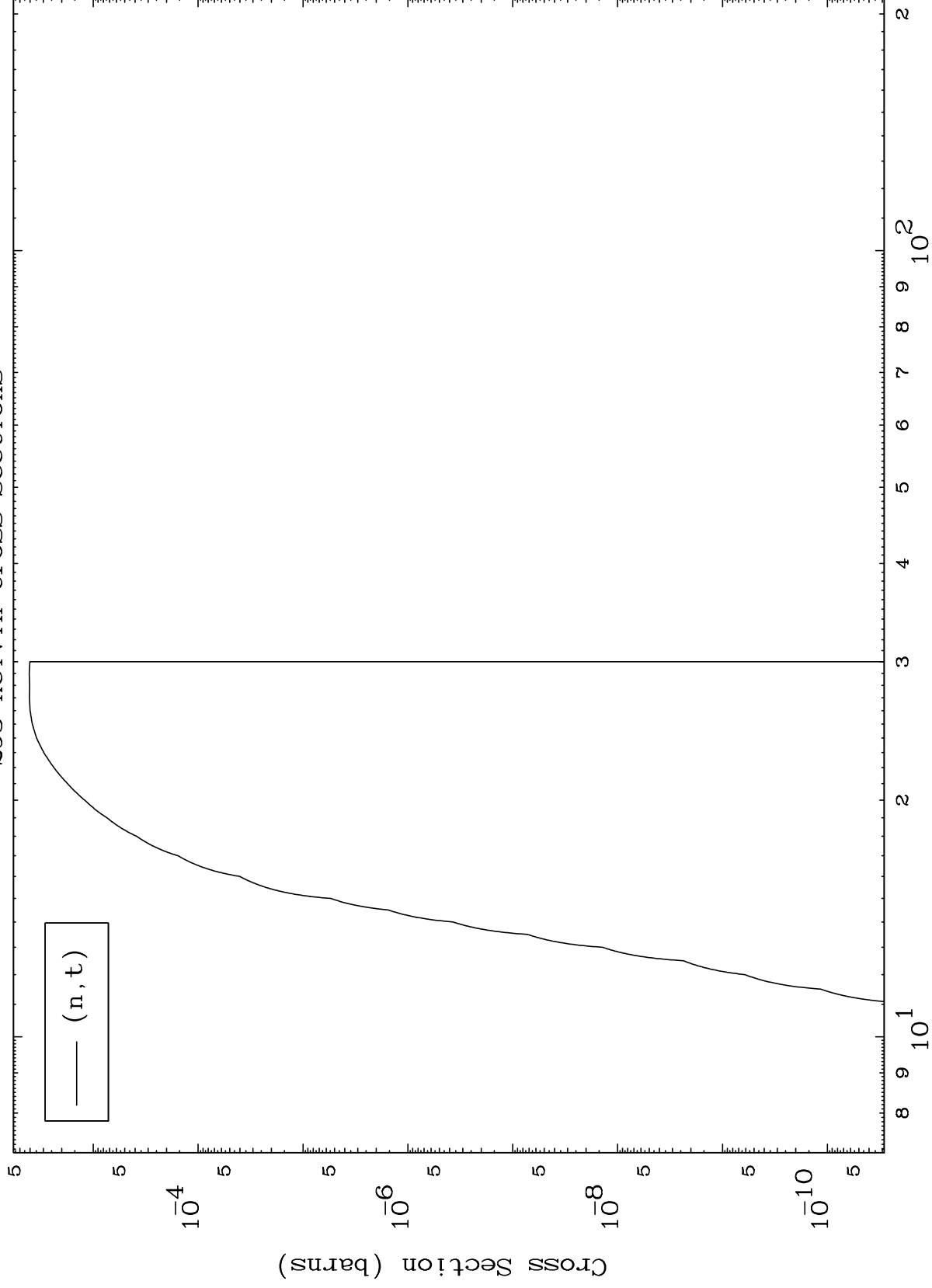
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135



12

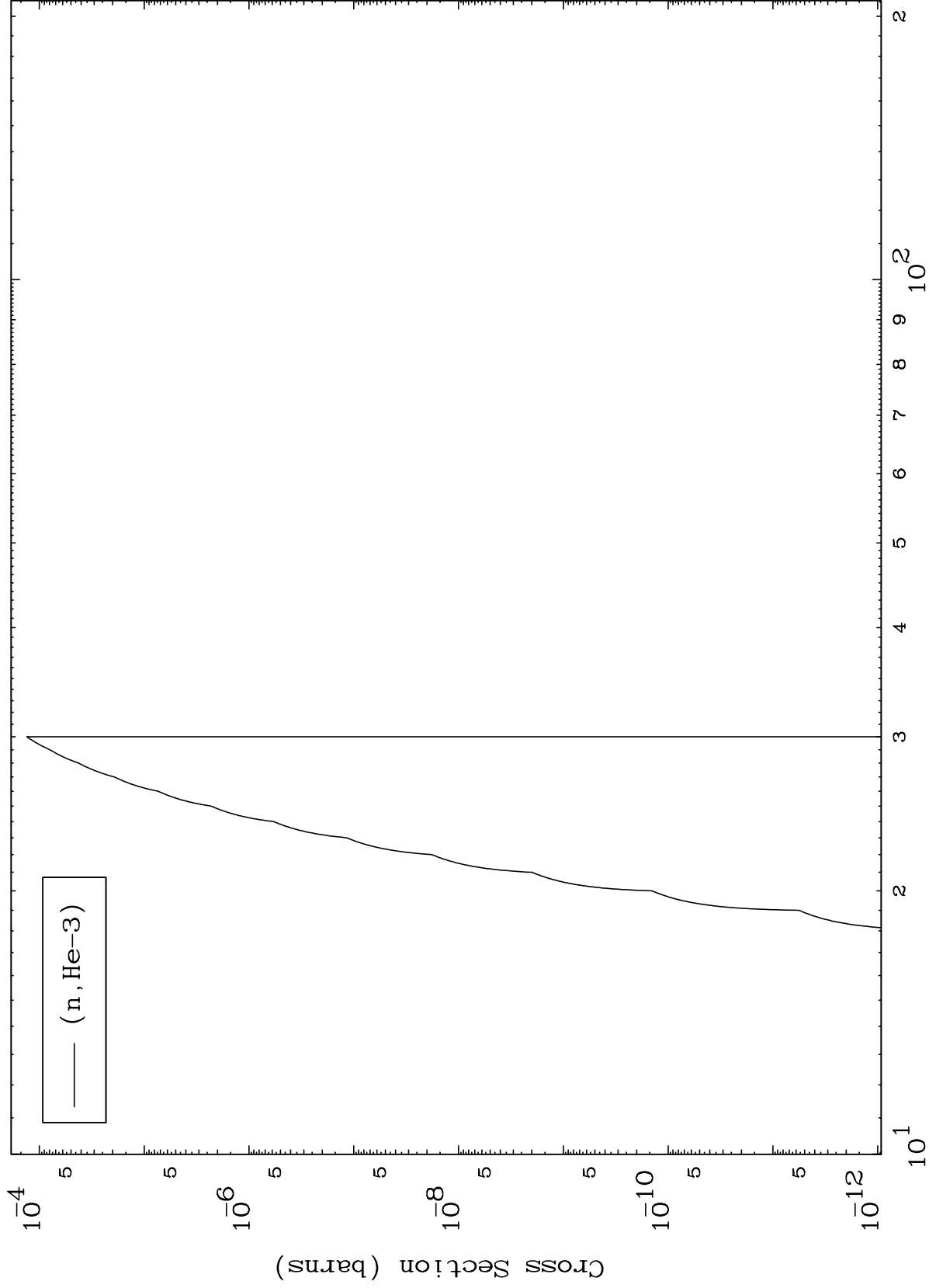
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135



13

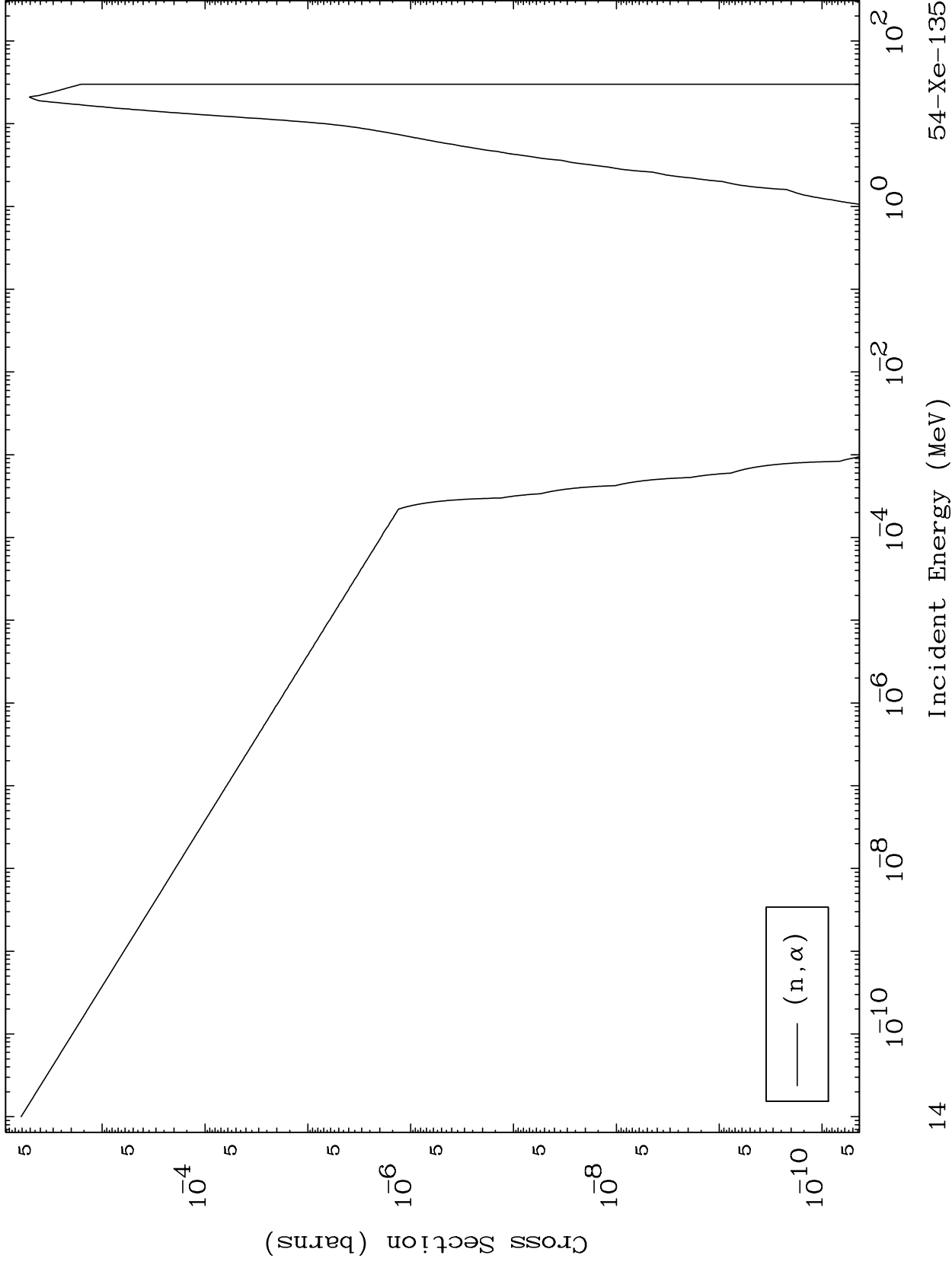
Incident Energy (MeV)

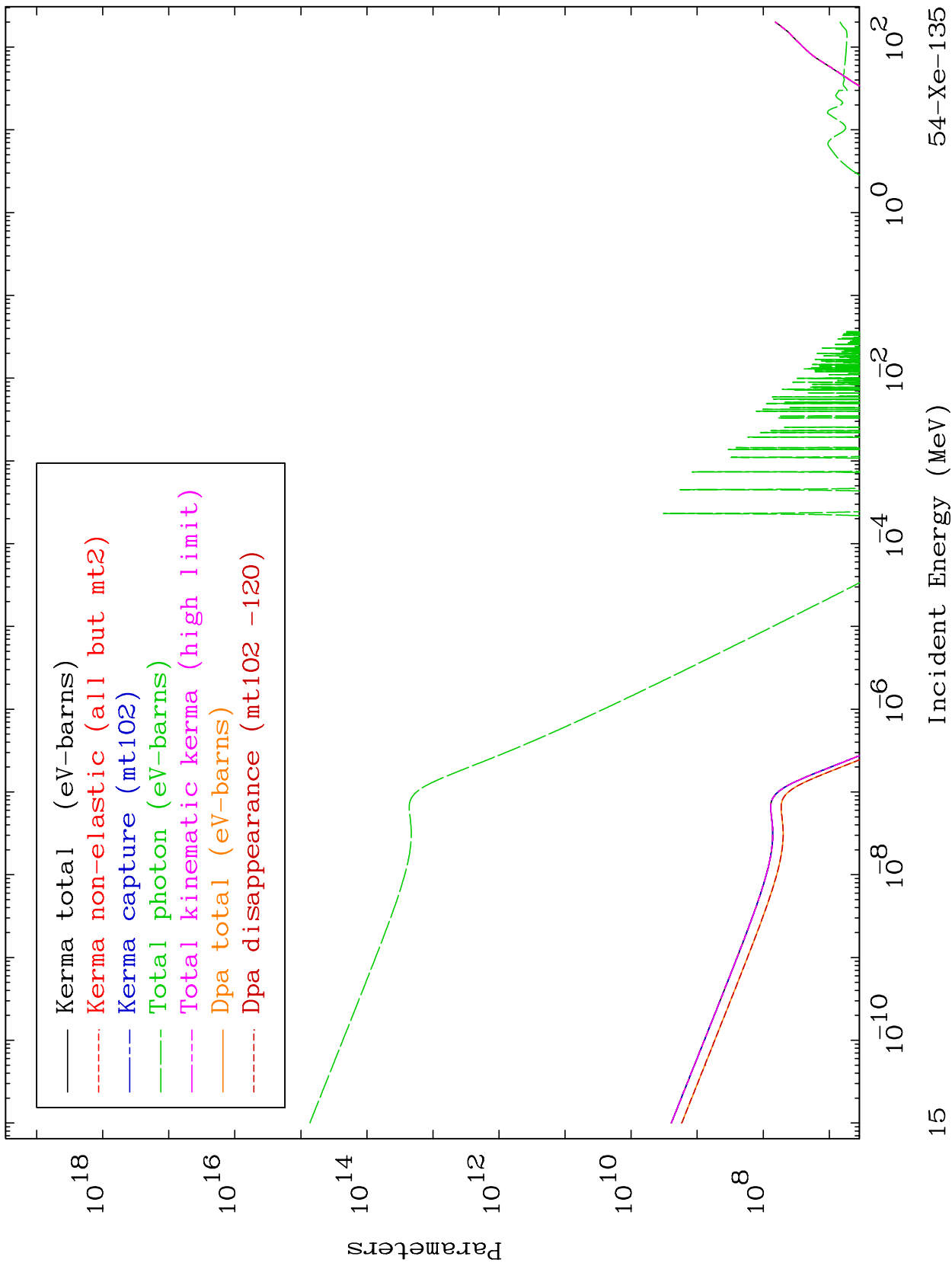
54-Xe-135

MAT 5458

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-135

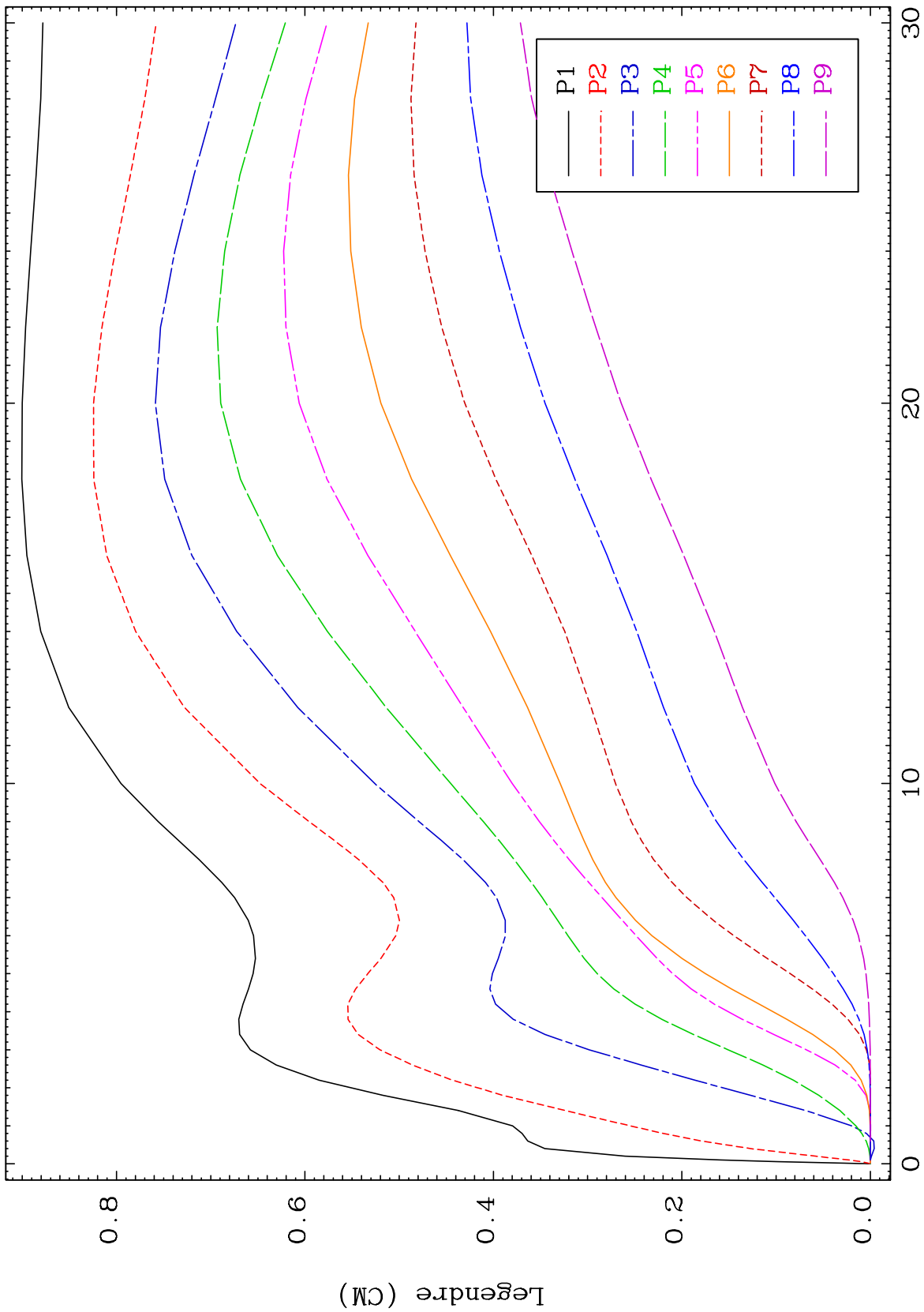




MAT 5458

54-Xe-135

Elastic Legendre Coefficients



16

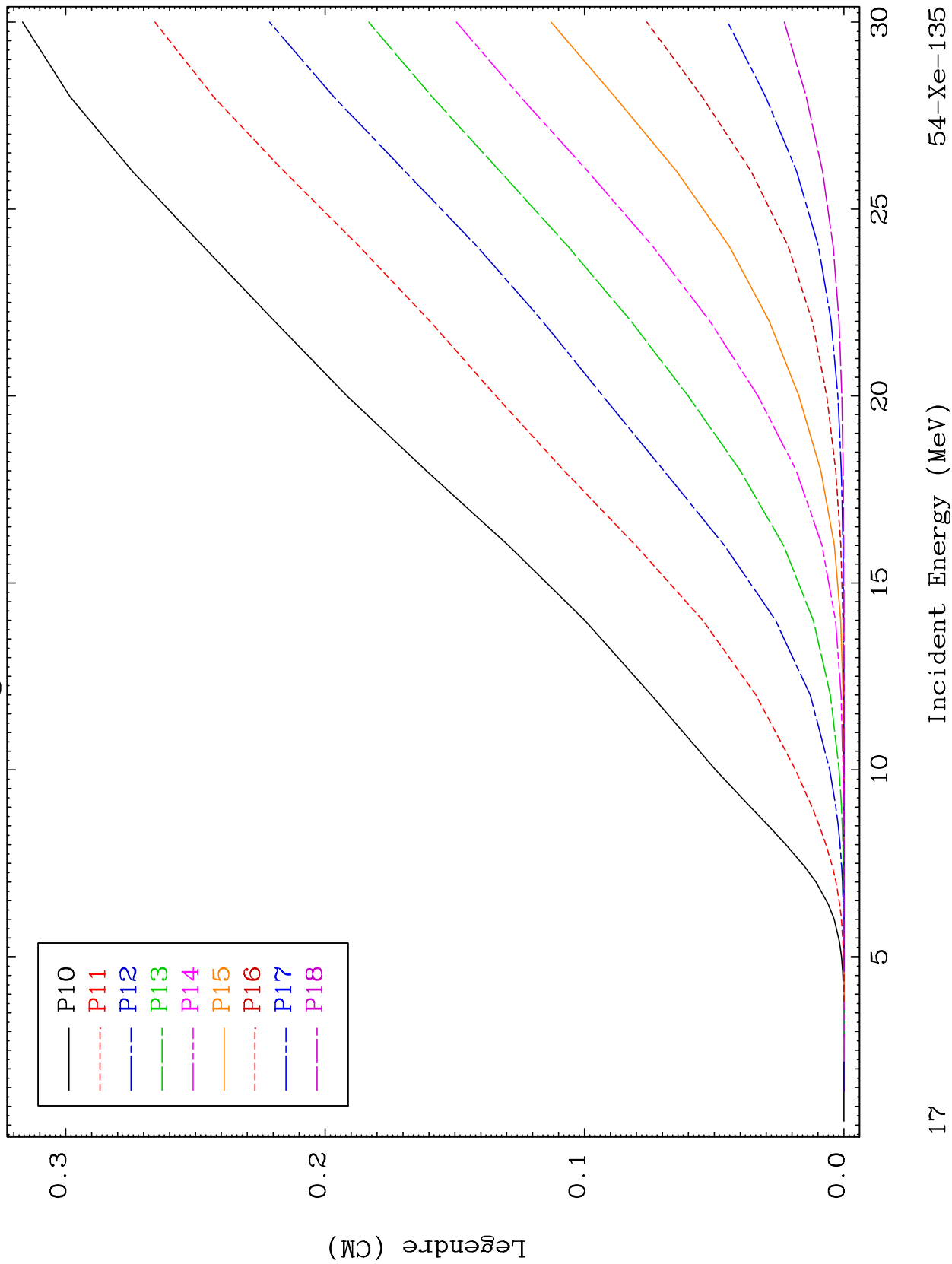
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



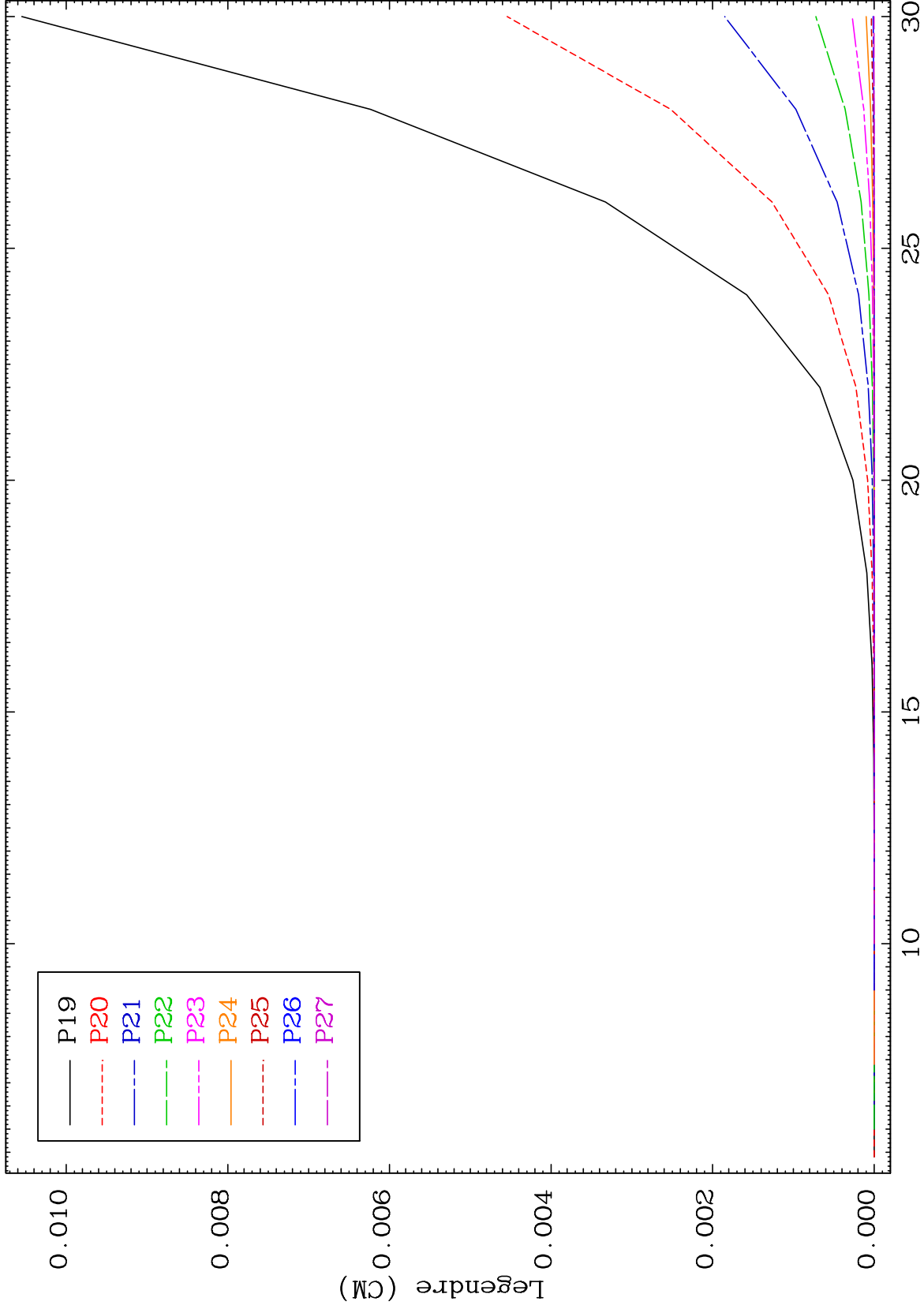
17

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



18

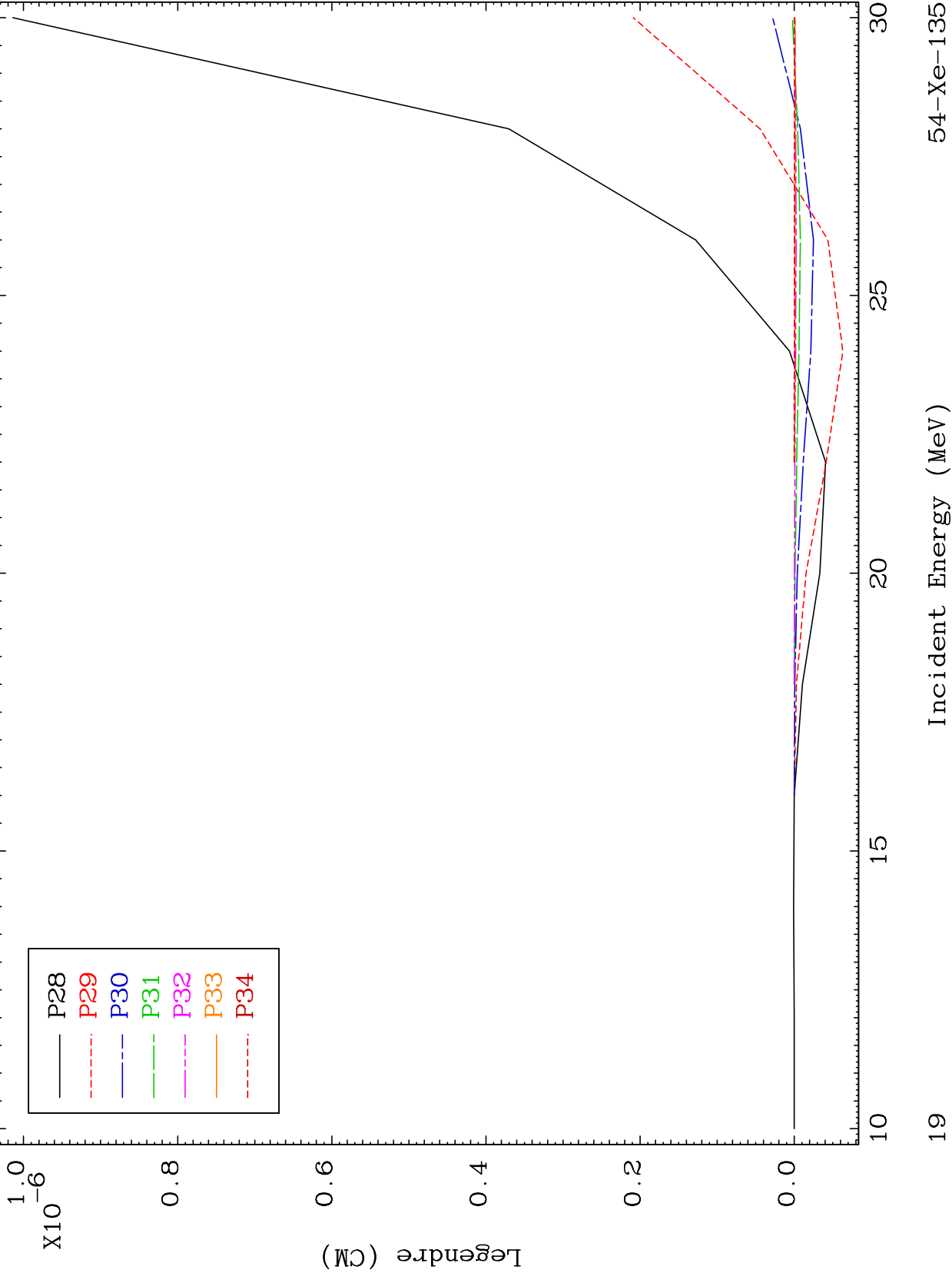
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

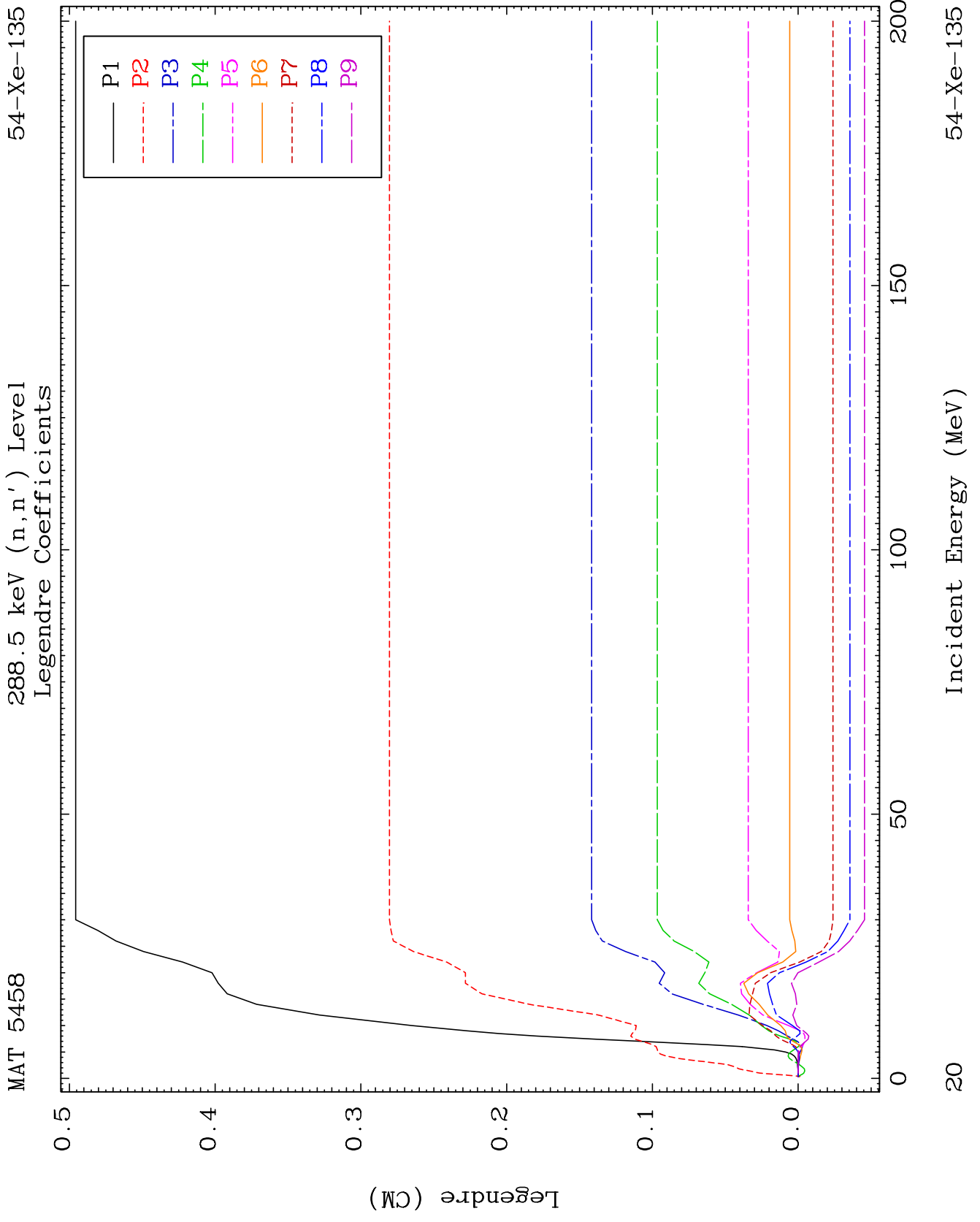
54-Xe-135



19

Incident Energy (MeV)

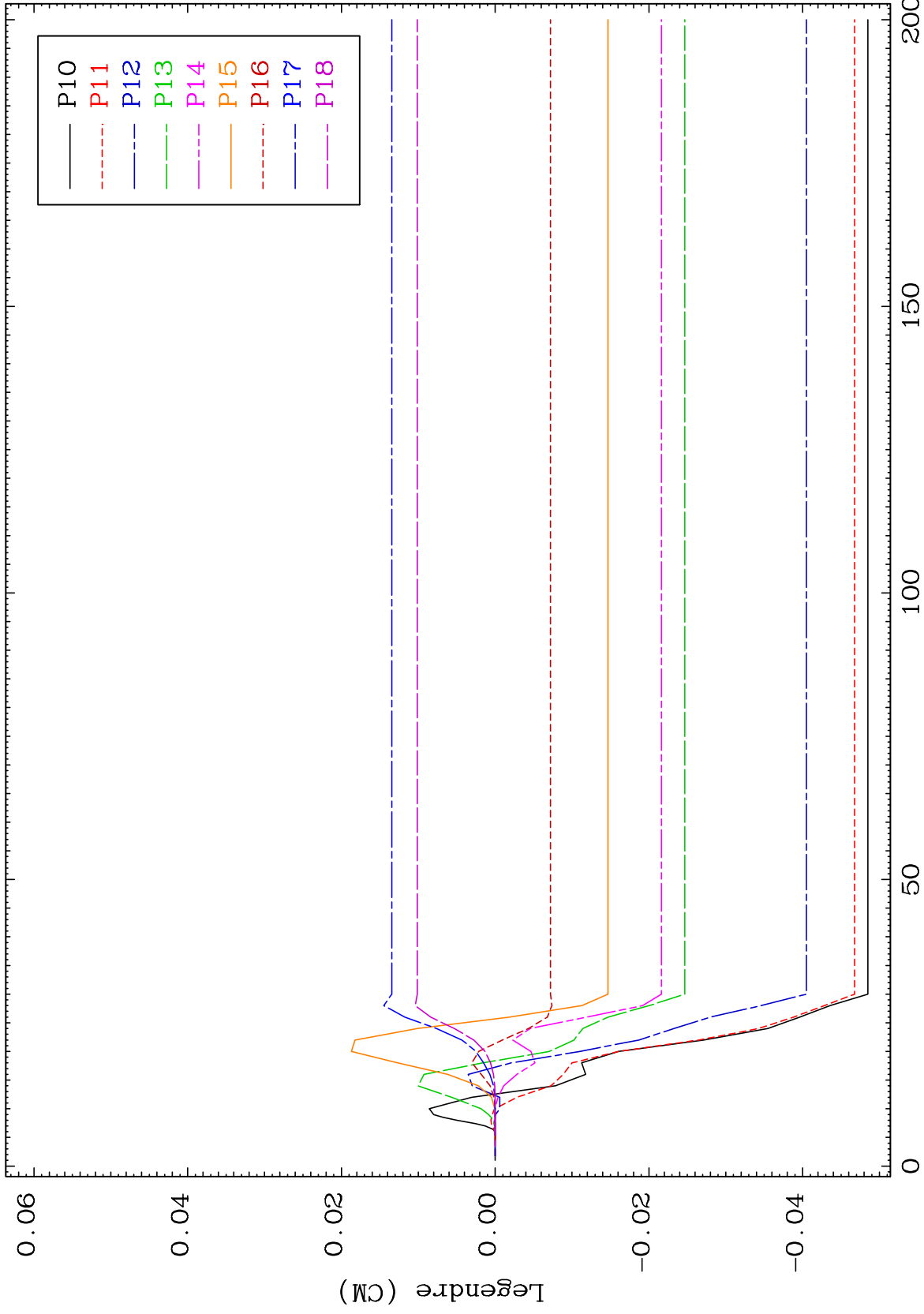
54-Xe-135



MAT 5458

288.5 keV (n,n') Level
Legendre Coefficients

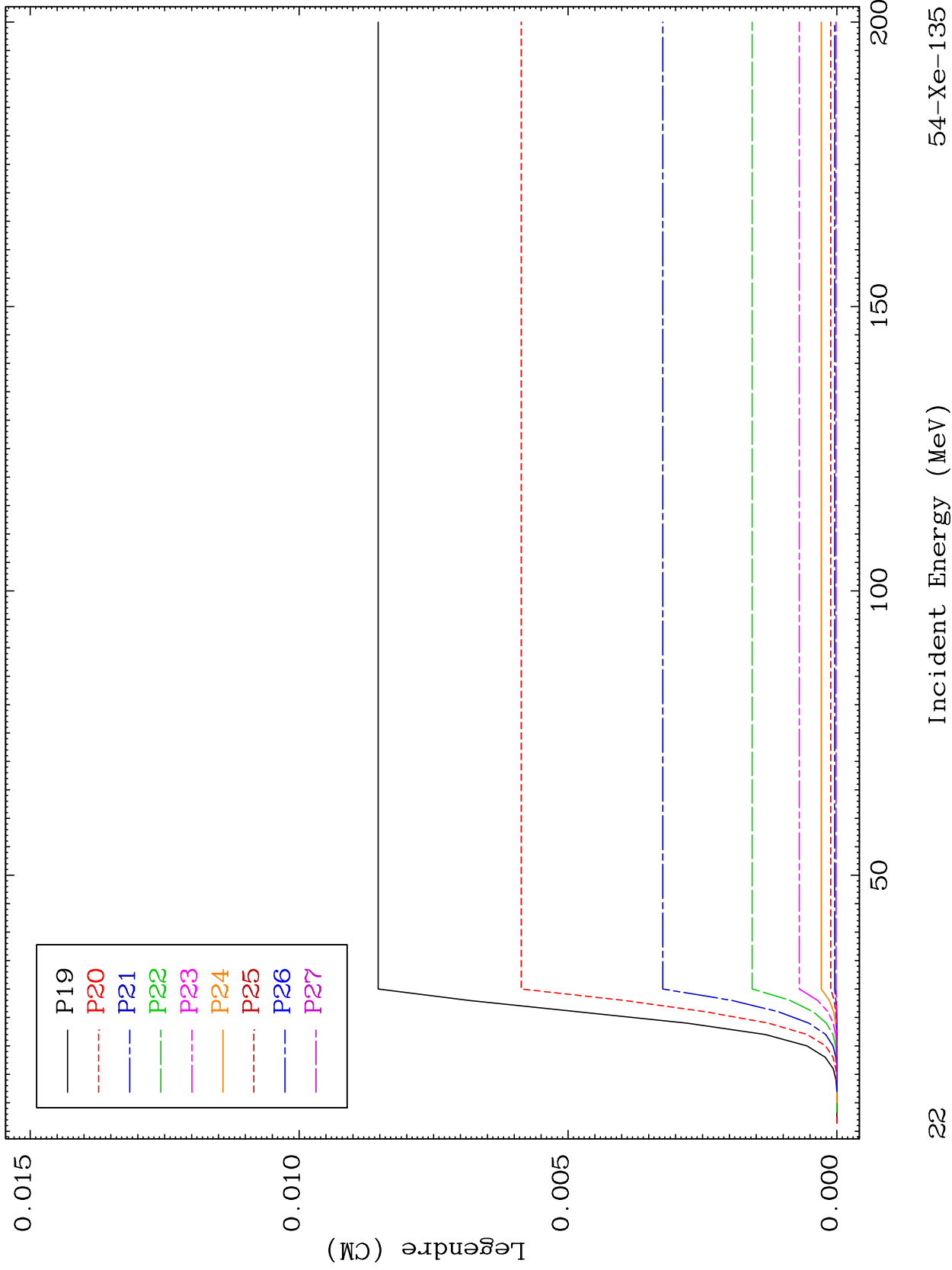
54-Xe-135



21

Incident Energy (MeV)

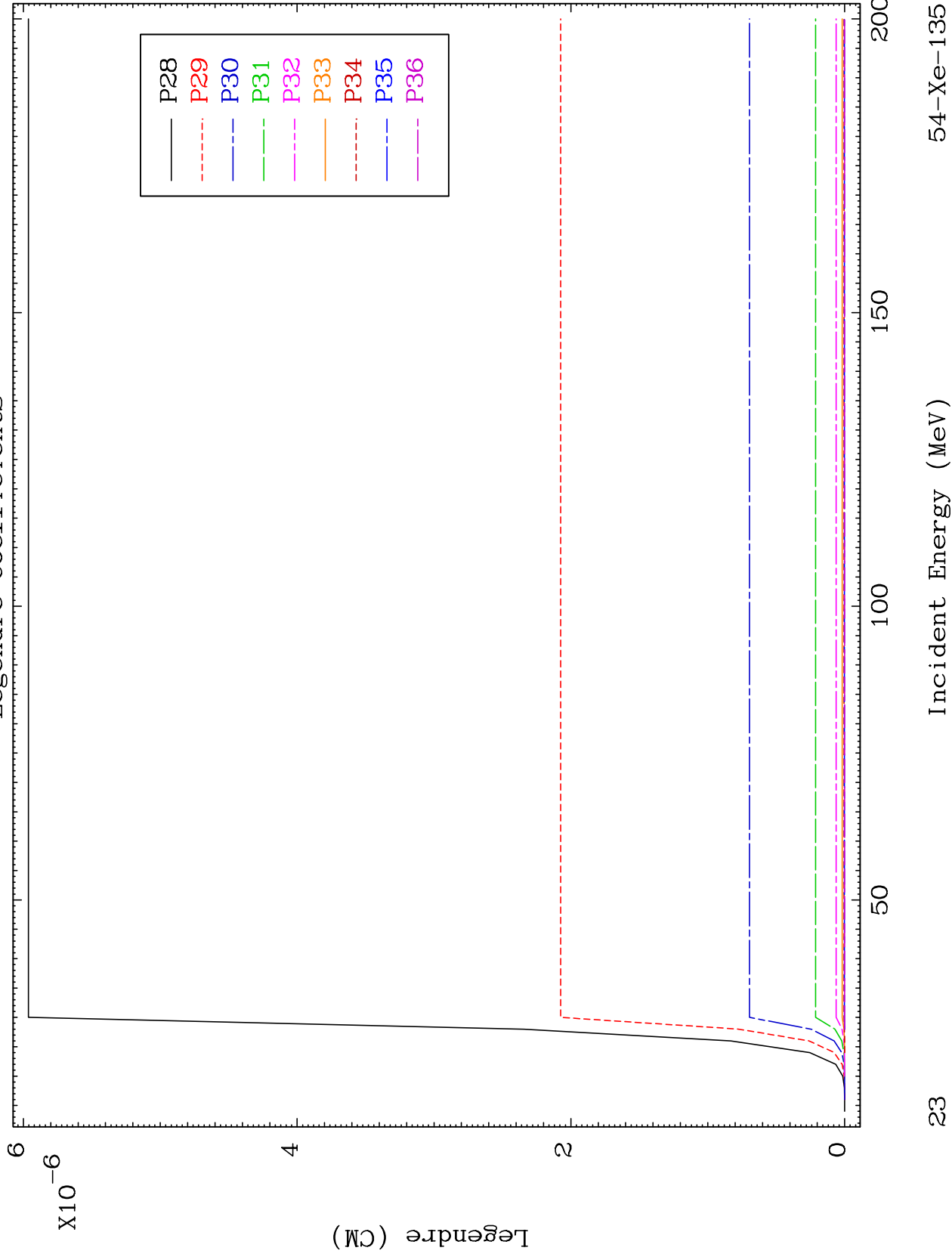
54-Xe-135



MAT 5458

288.5 keV (n,n') Level
Legendre Coefficients

54-Xe-135



23

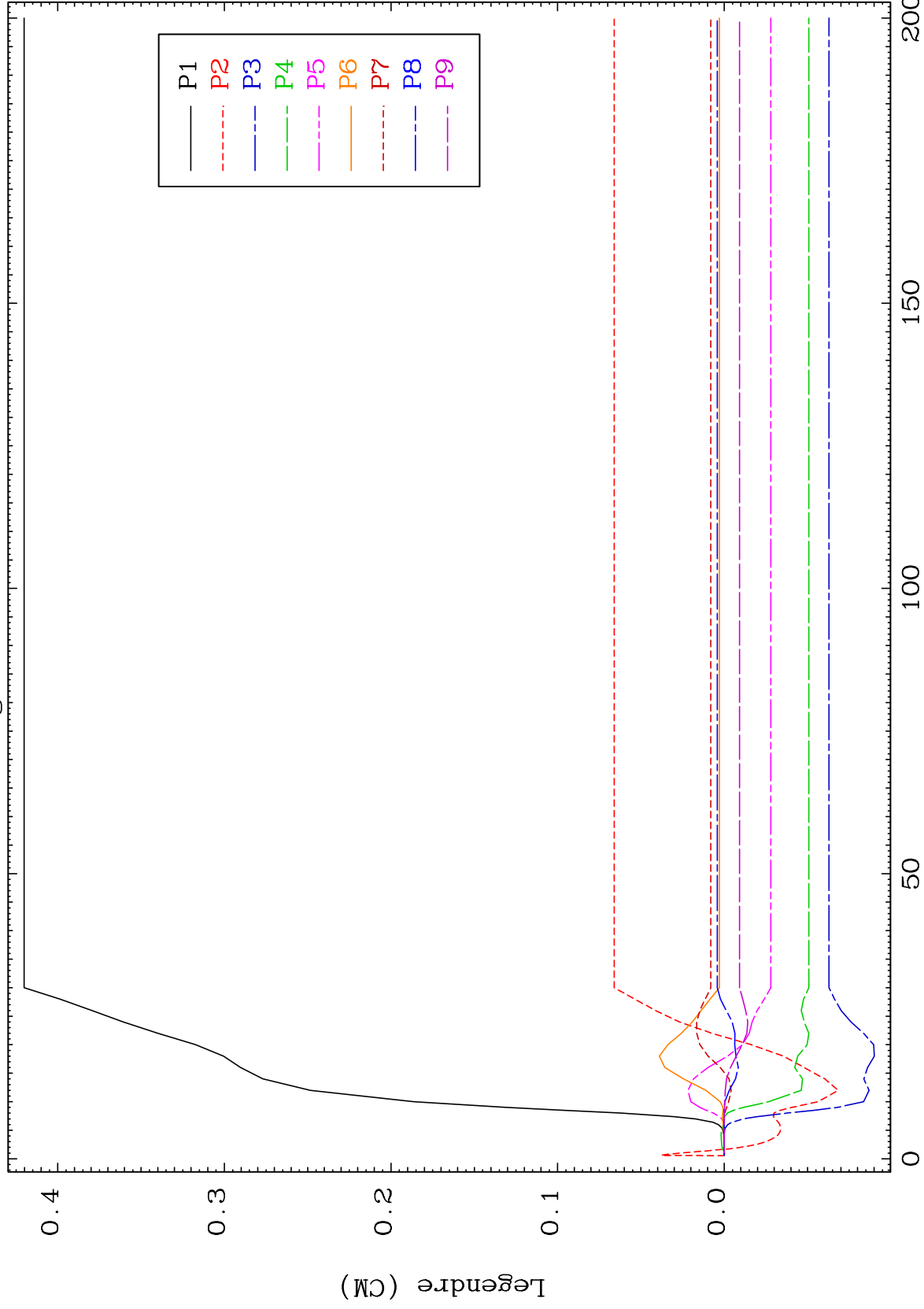
Incident Energy (MeV)

54-Xe-135

MAT 5458

526.6 keV (n,n') Level
Legendre Coefficients

54-Xe-135



24

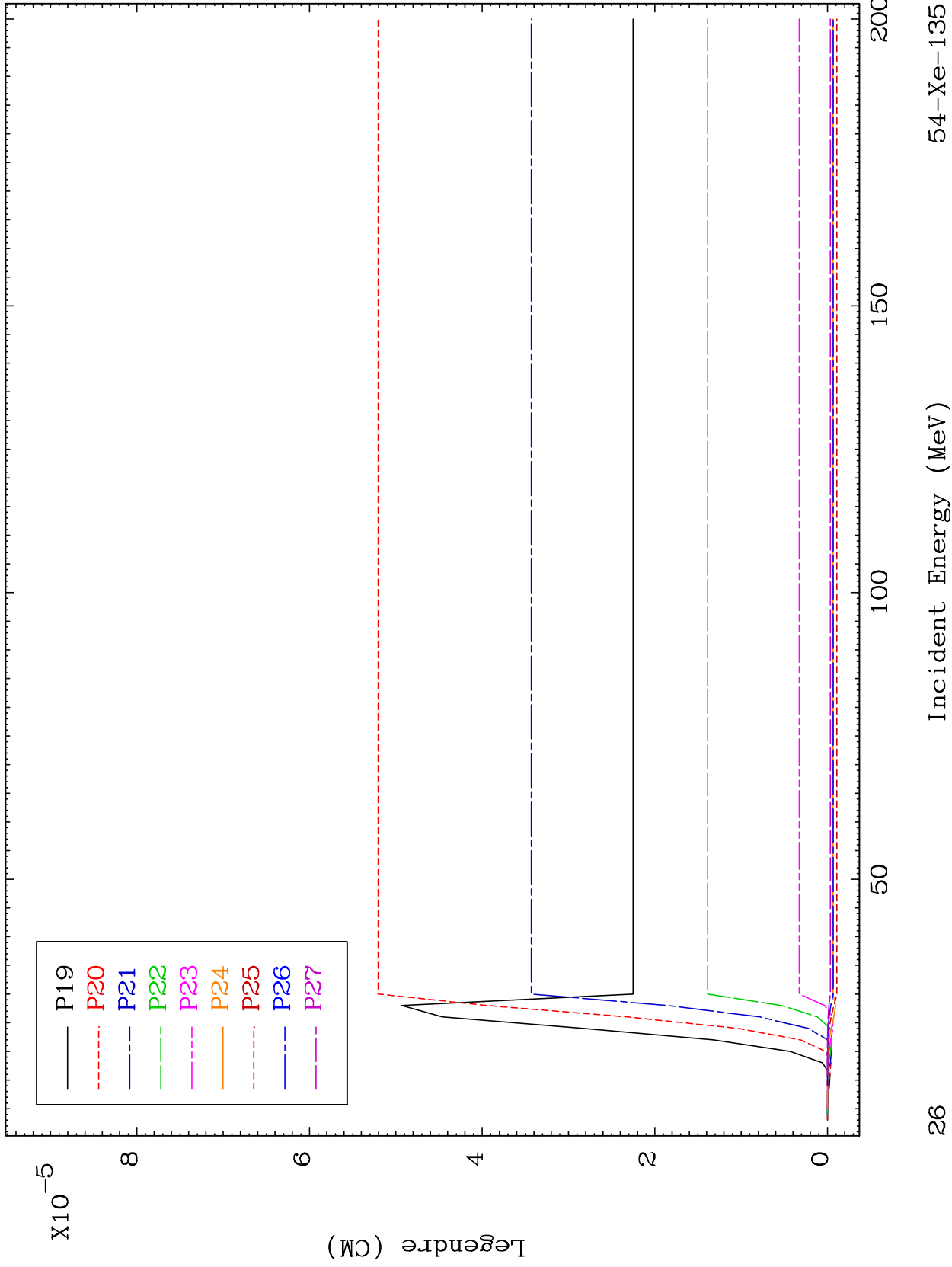
Incident Energy (MeV)

54-Xe-135

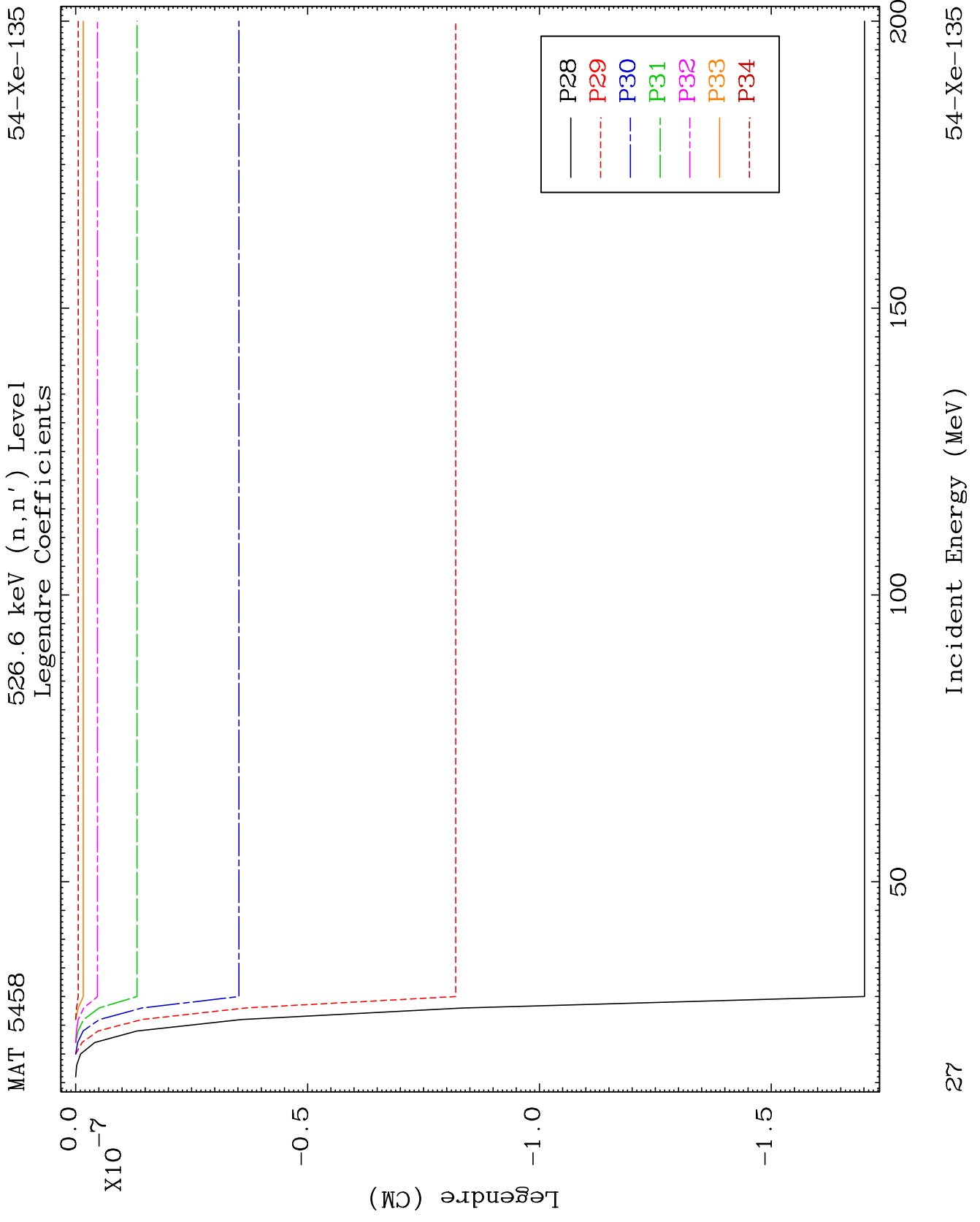
MAT 5458

526.6 keV (n,n') Level
Legendre Coefficients

54-Xe-135



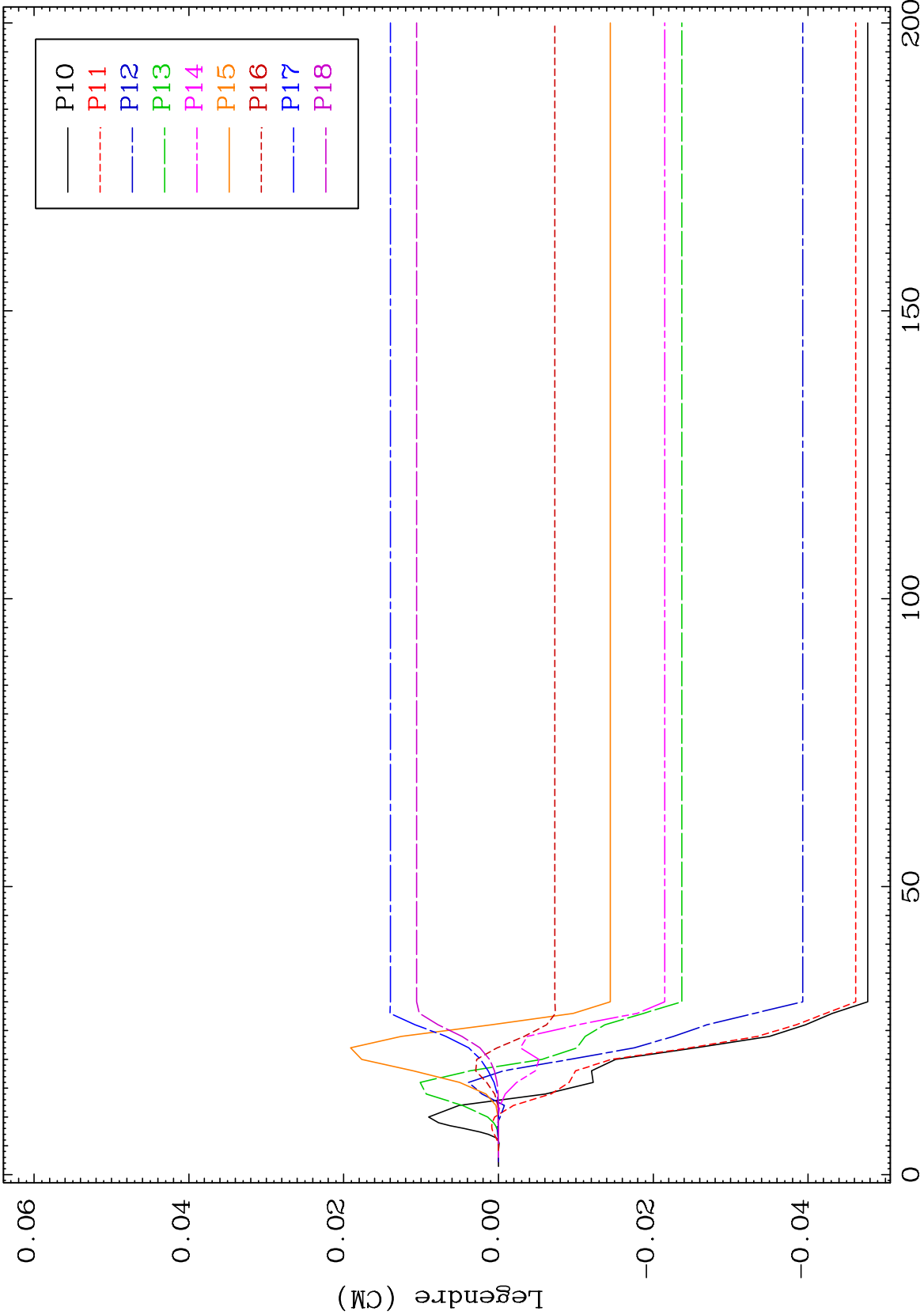
26



MAT 5458

1.132 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



29

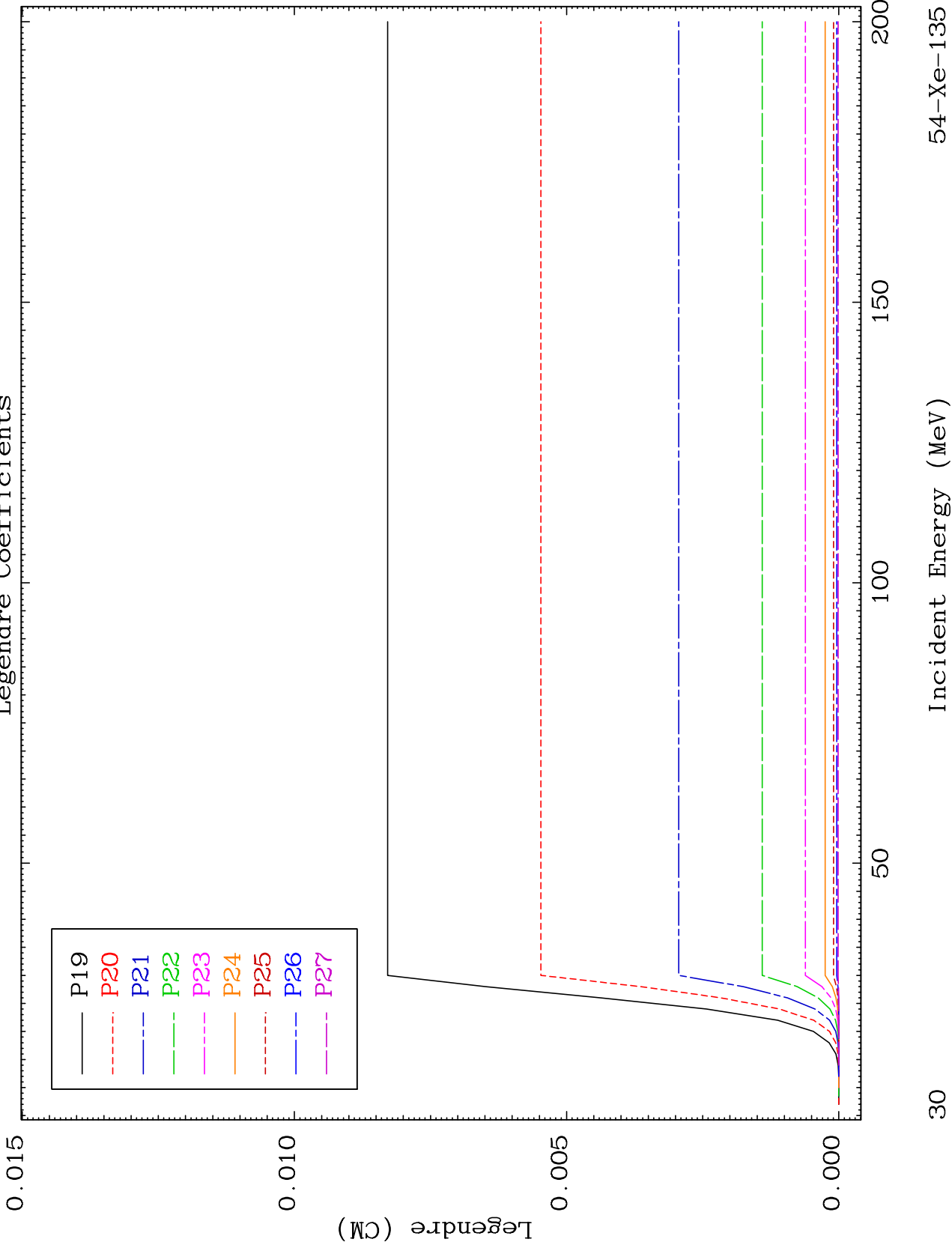
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.132 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



30

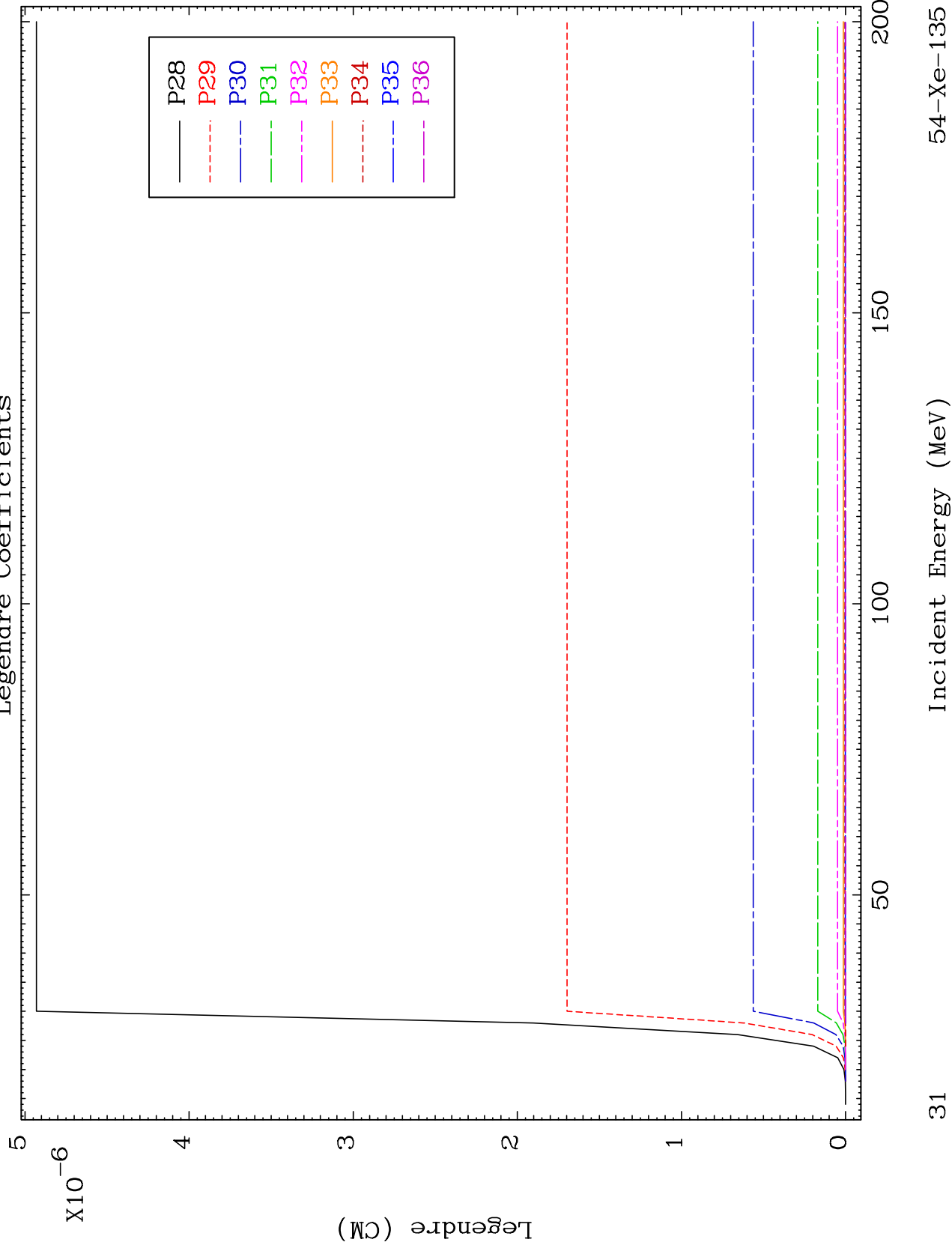
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.132 MeV (n, n') Level
Legendre Coefficients

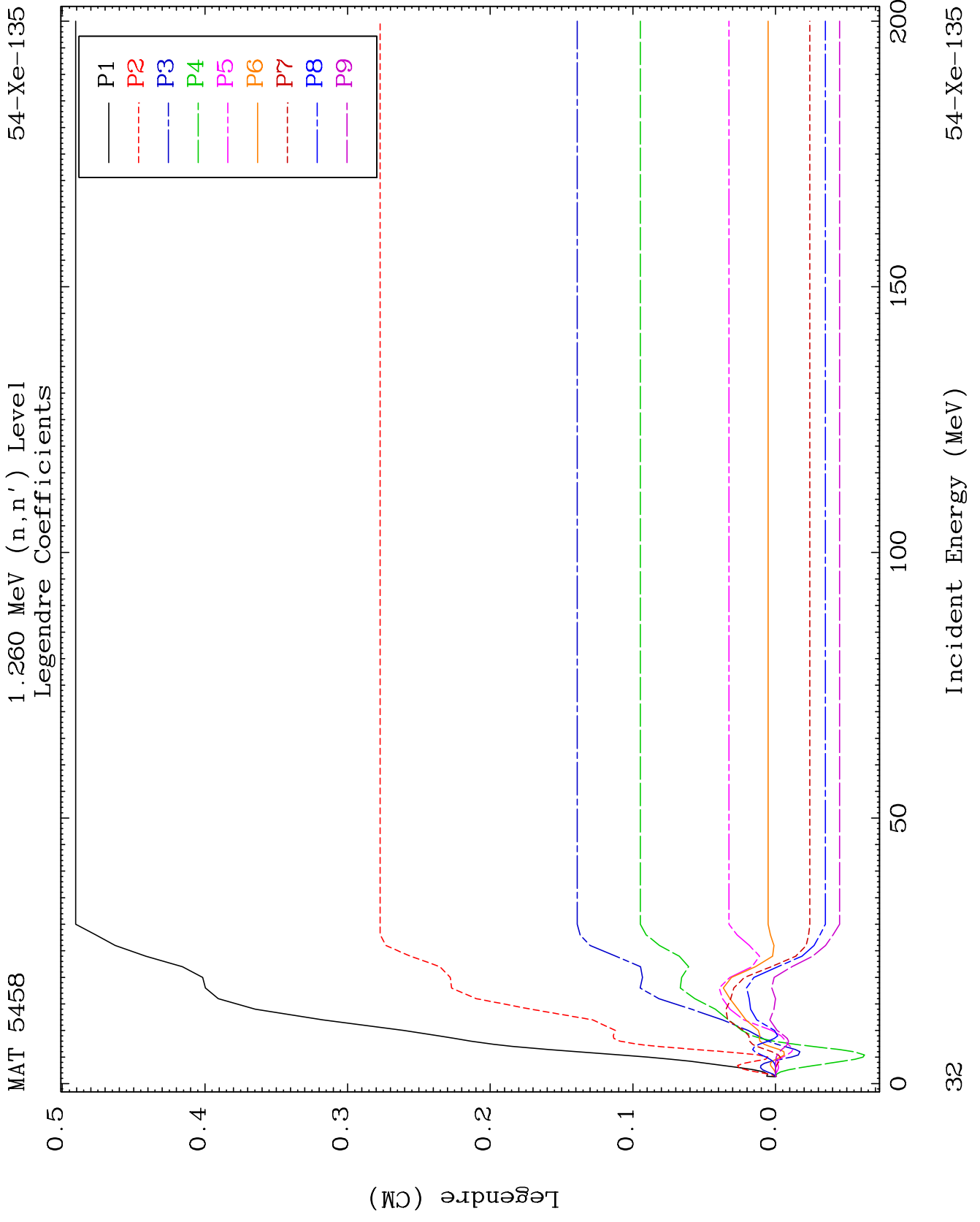
54-Xe-135



31

Incident Energy (MeV)

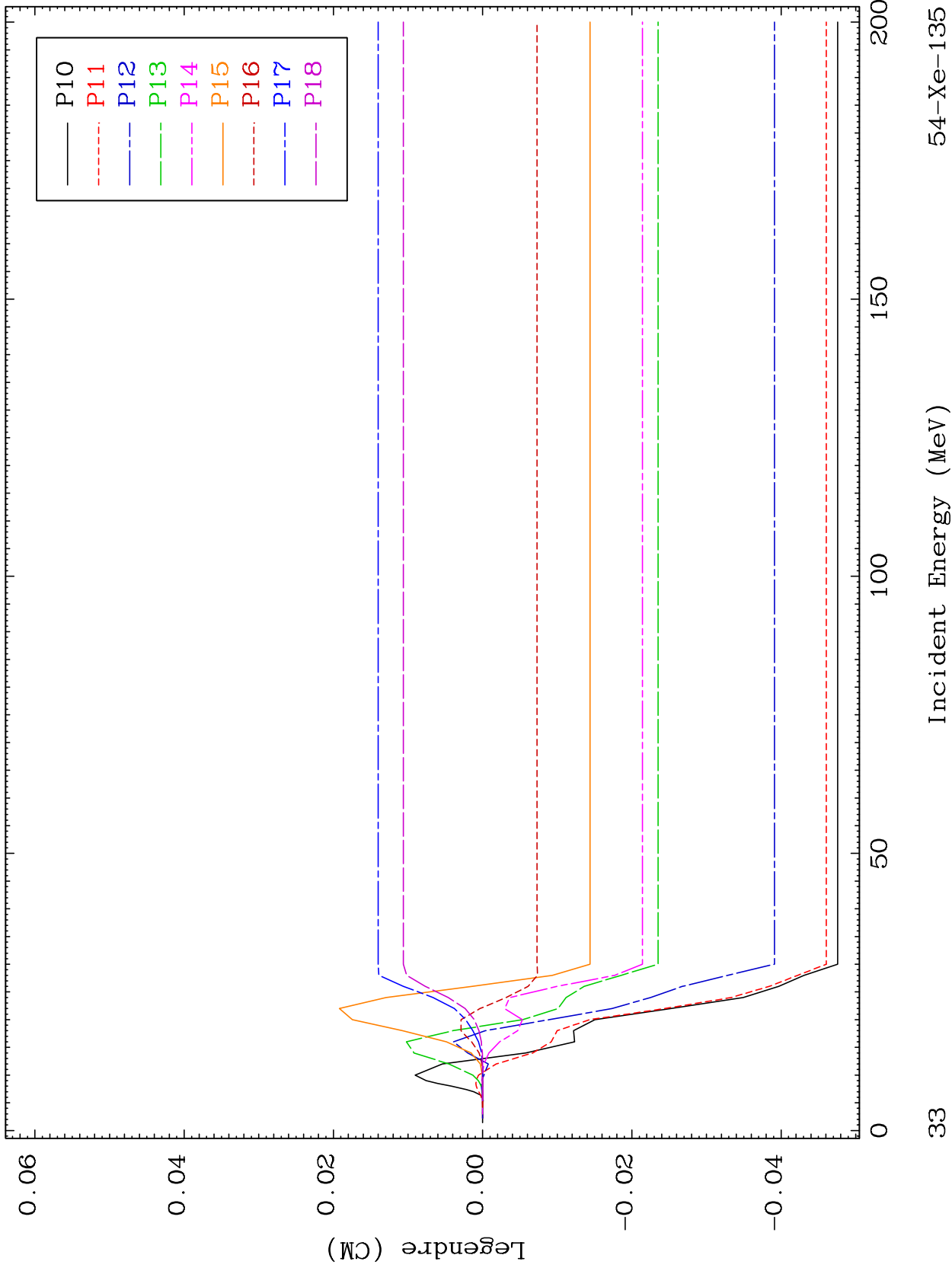
54-Xe-135



MAT 5458

1.260 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



33

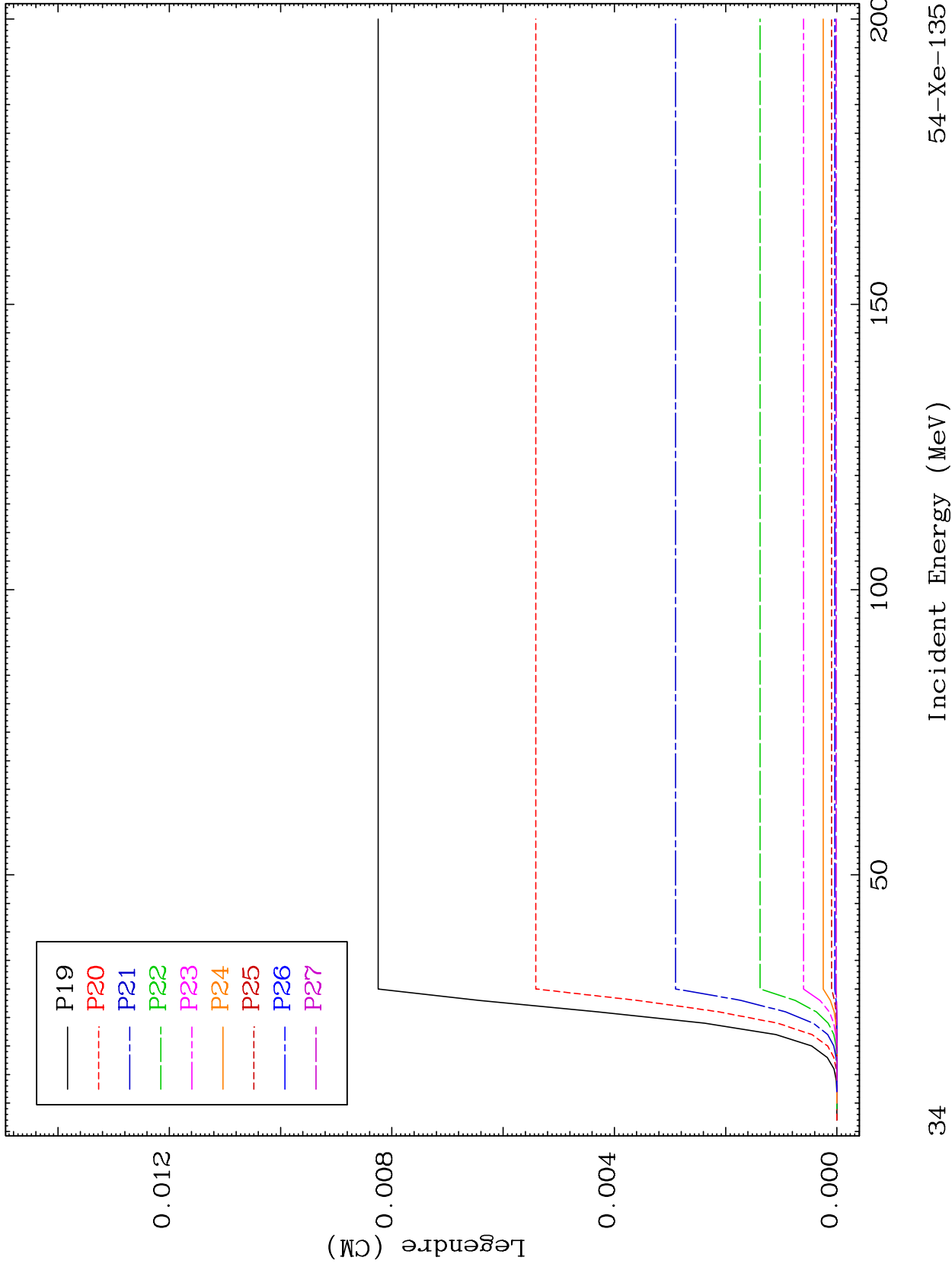
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.260 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



34

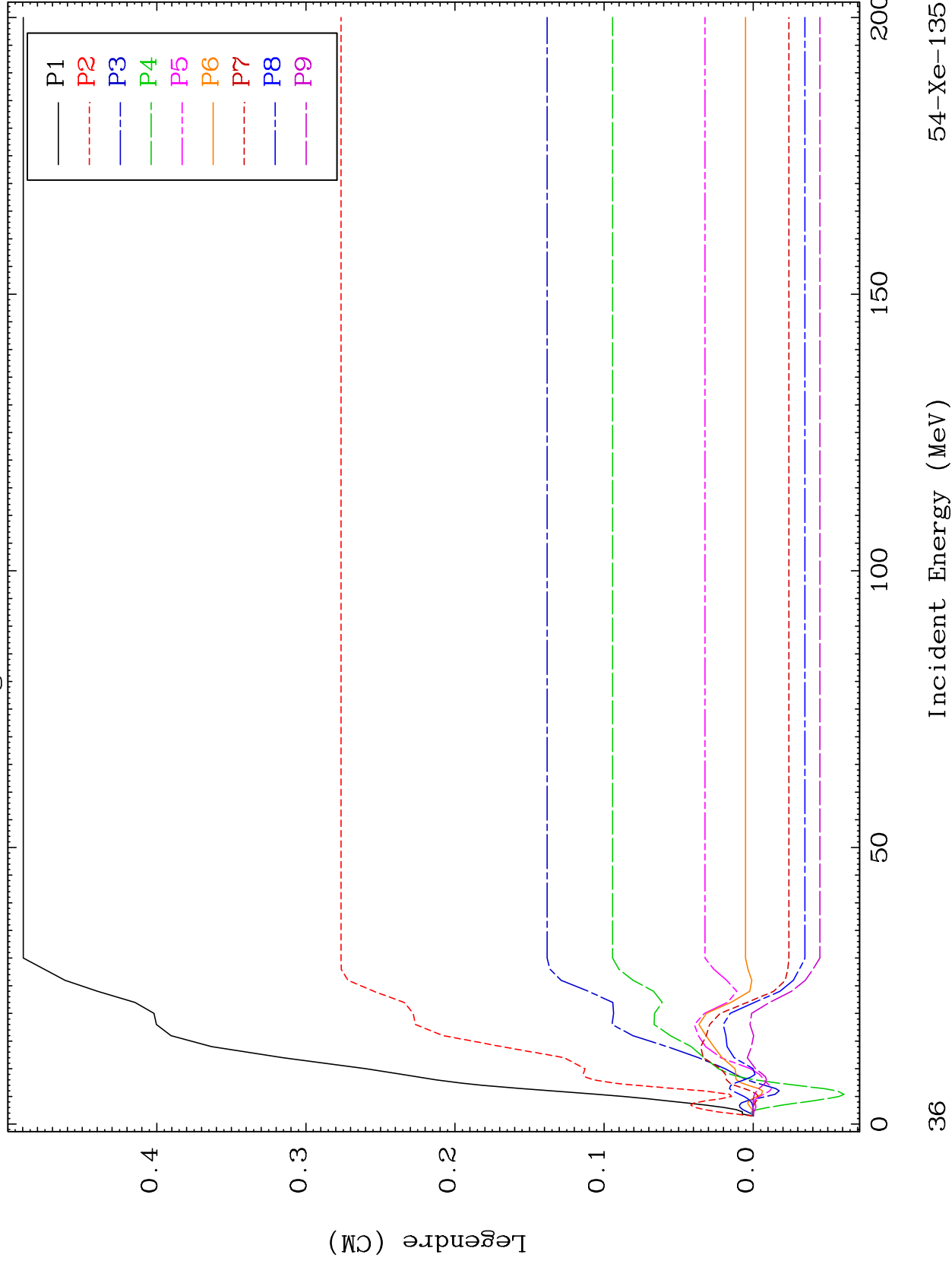
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.448 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

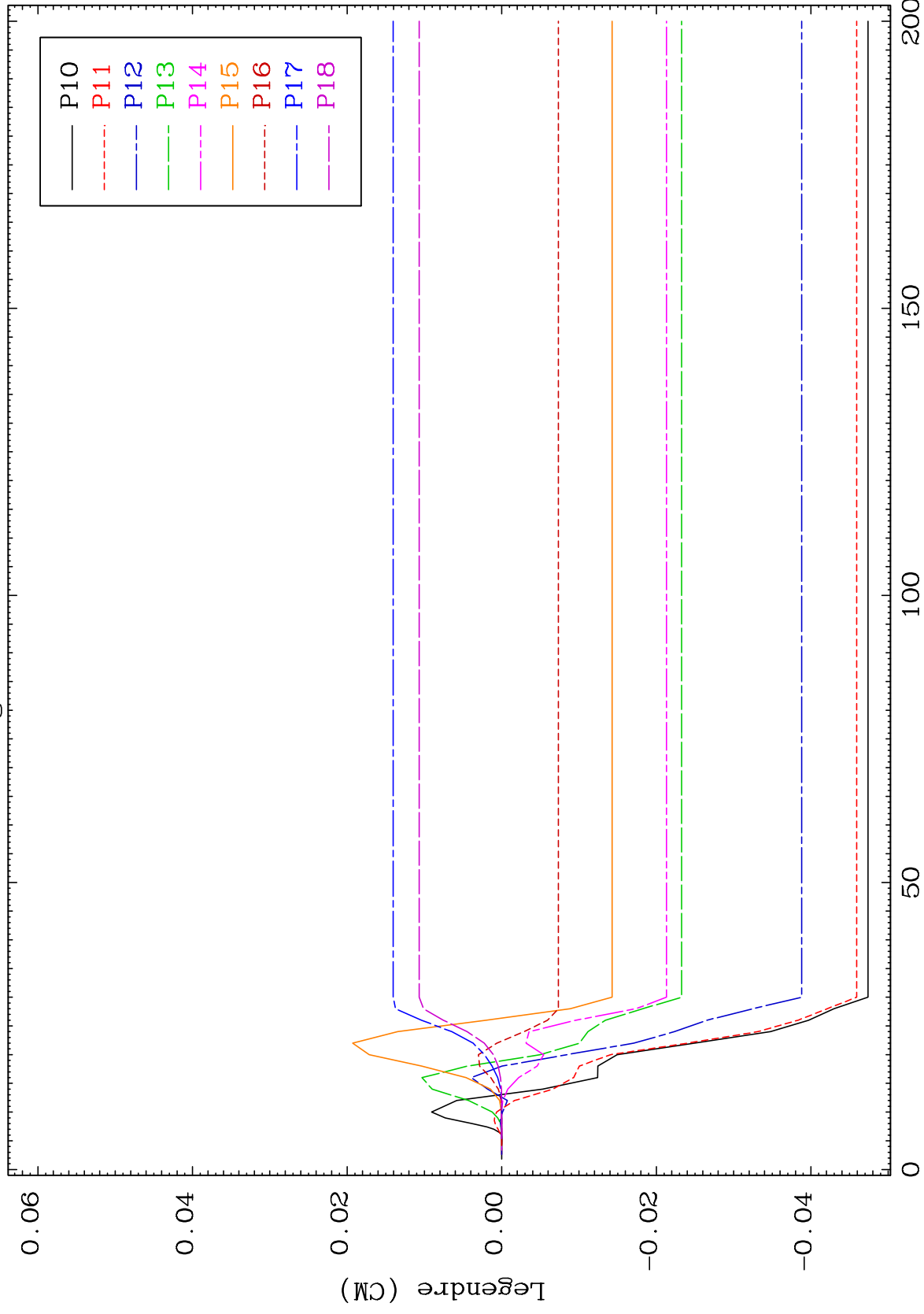
Incident Energy (MeV)

36

MAT 5458

1.448 MeV (n,n') Level
Legendre Coefficients

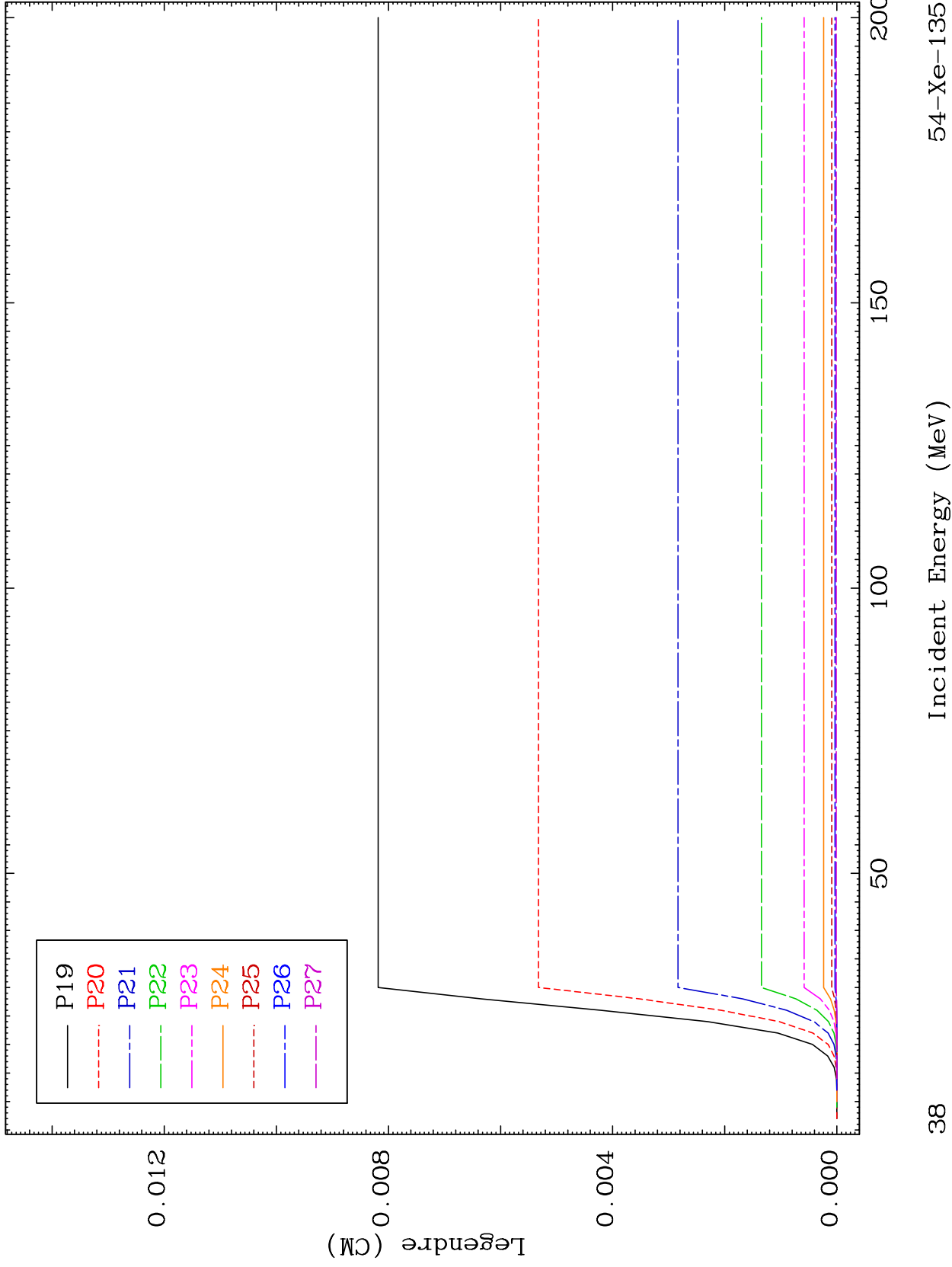
54-Xe-135



37

Incident Energy (MeV)

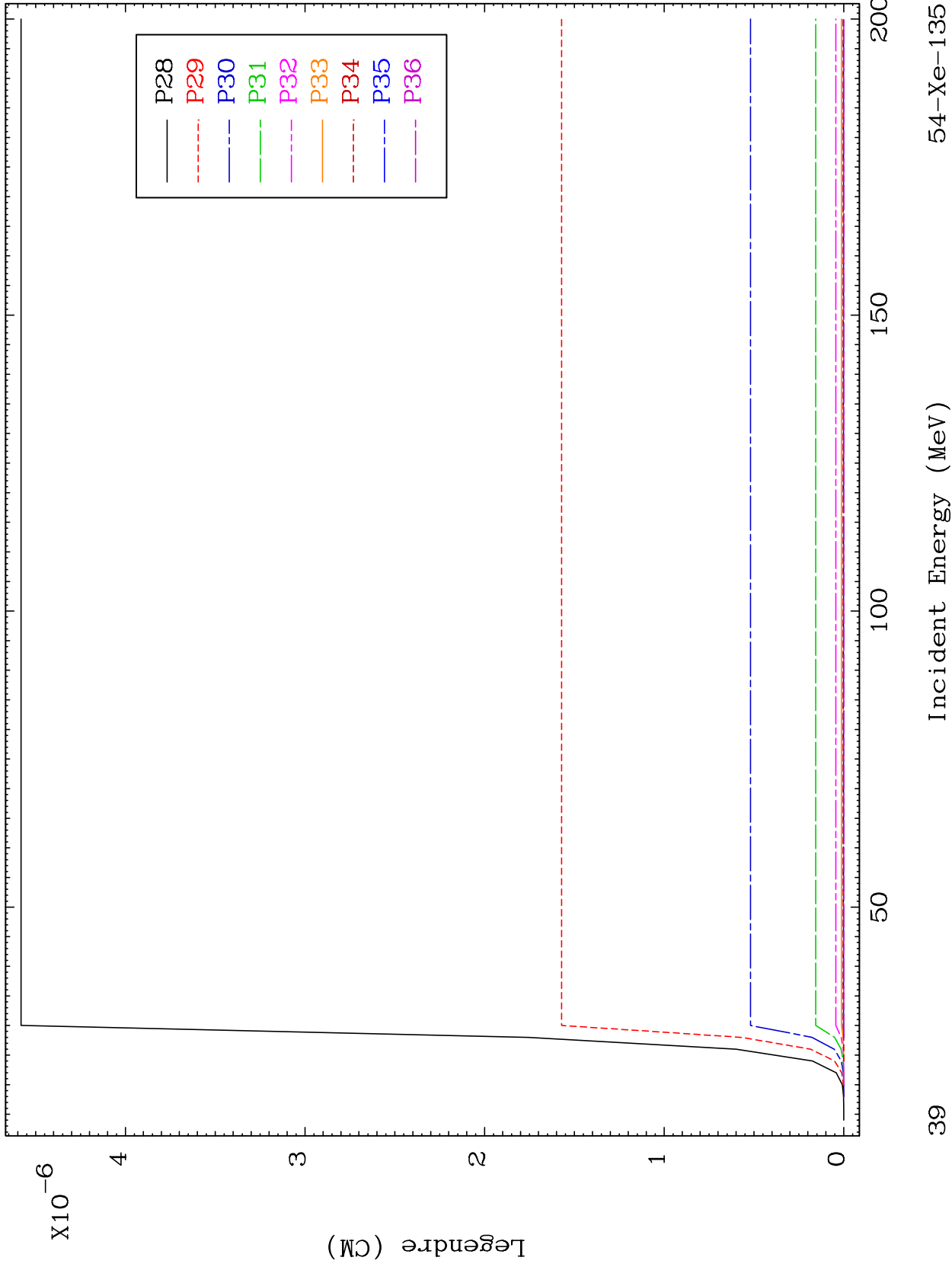
54-Xe-135



MAT 5458

1.448 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



39

Incident Energy (MeV)

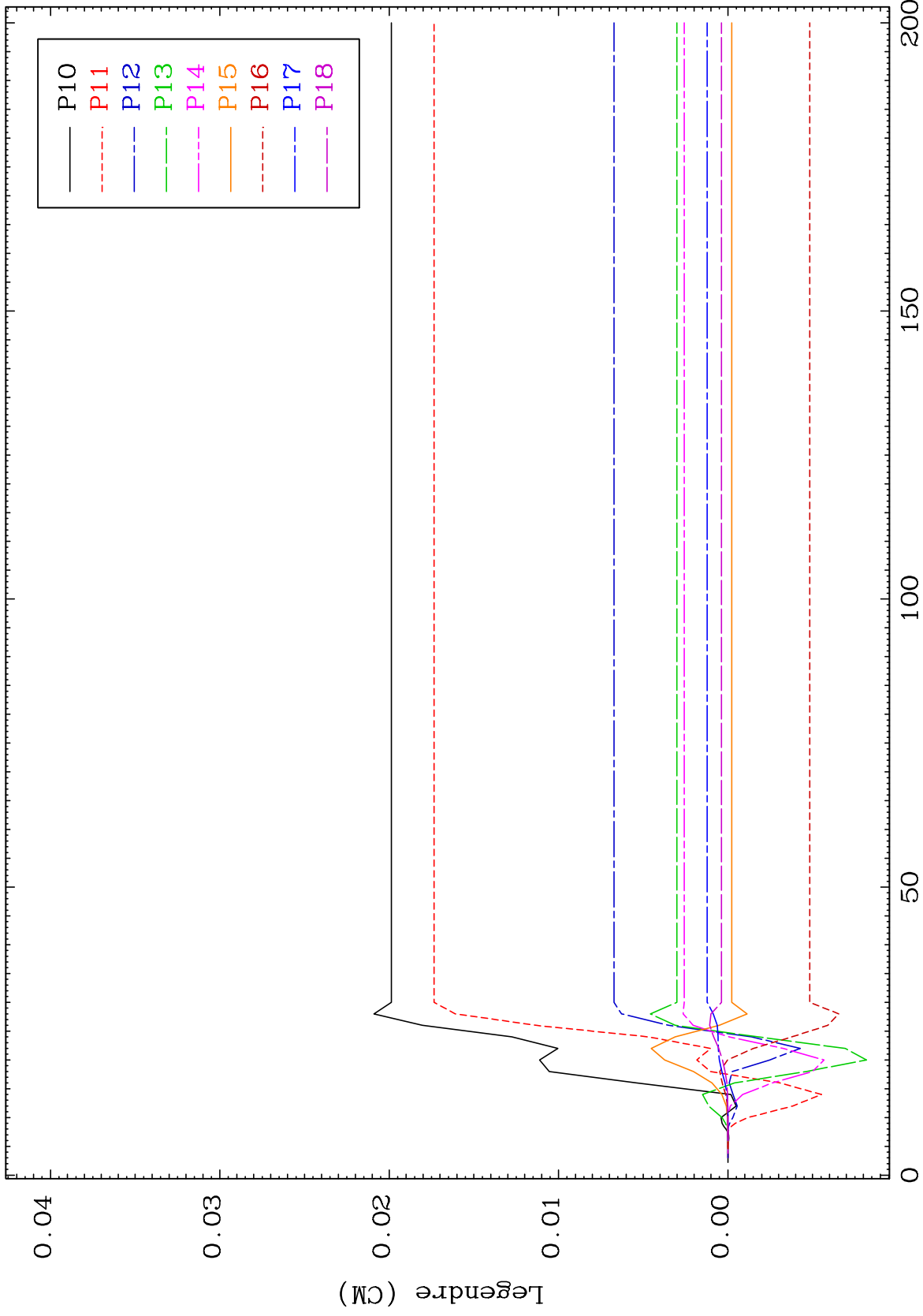
54-Xe-135

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MAT 5458

1.458 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



41

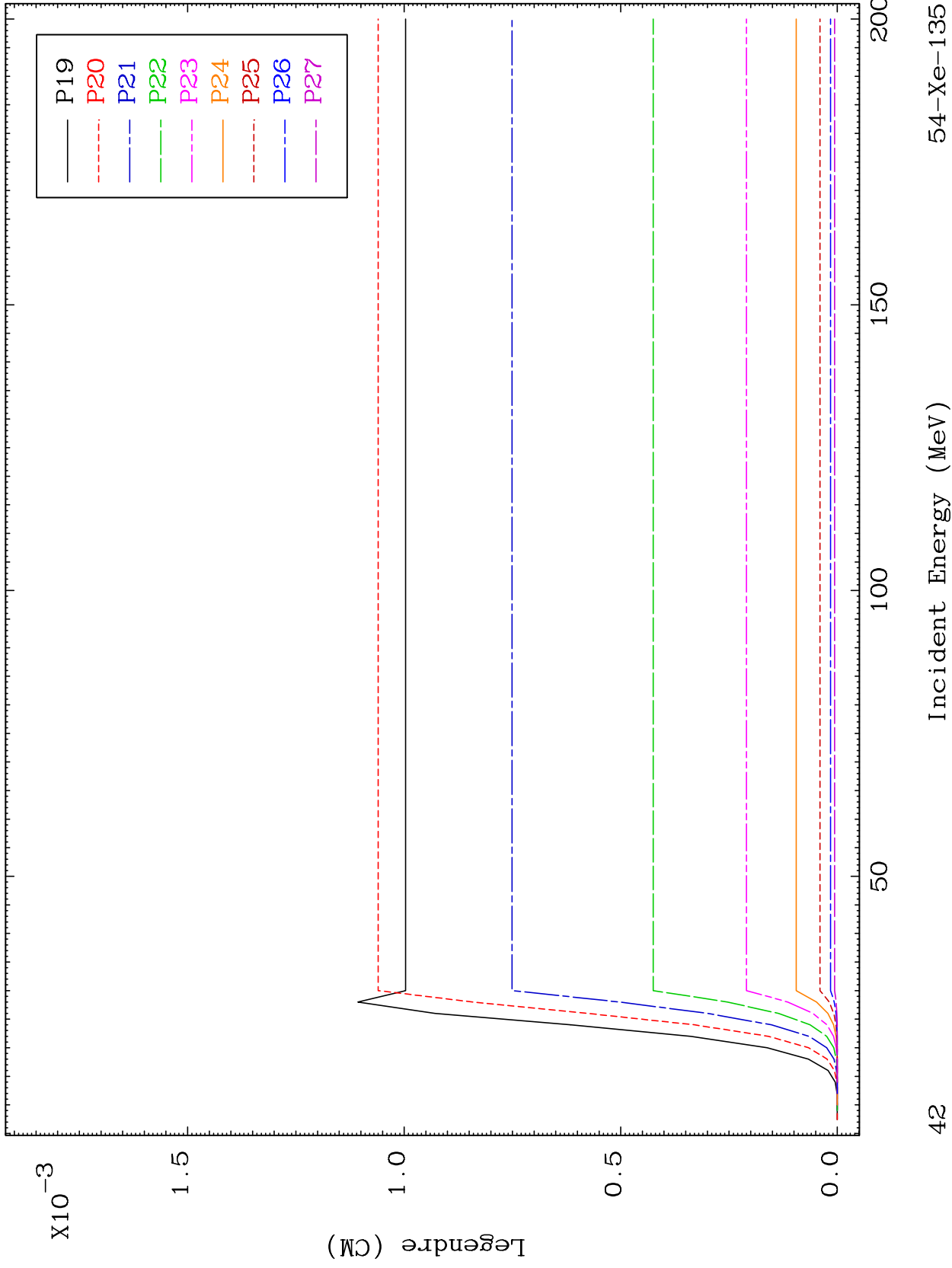
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.458 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



42

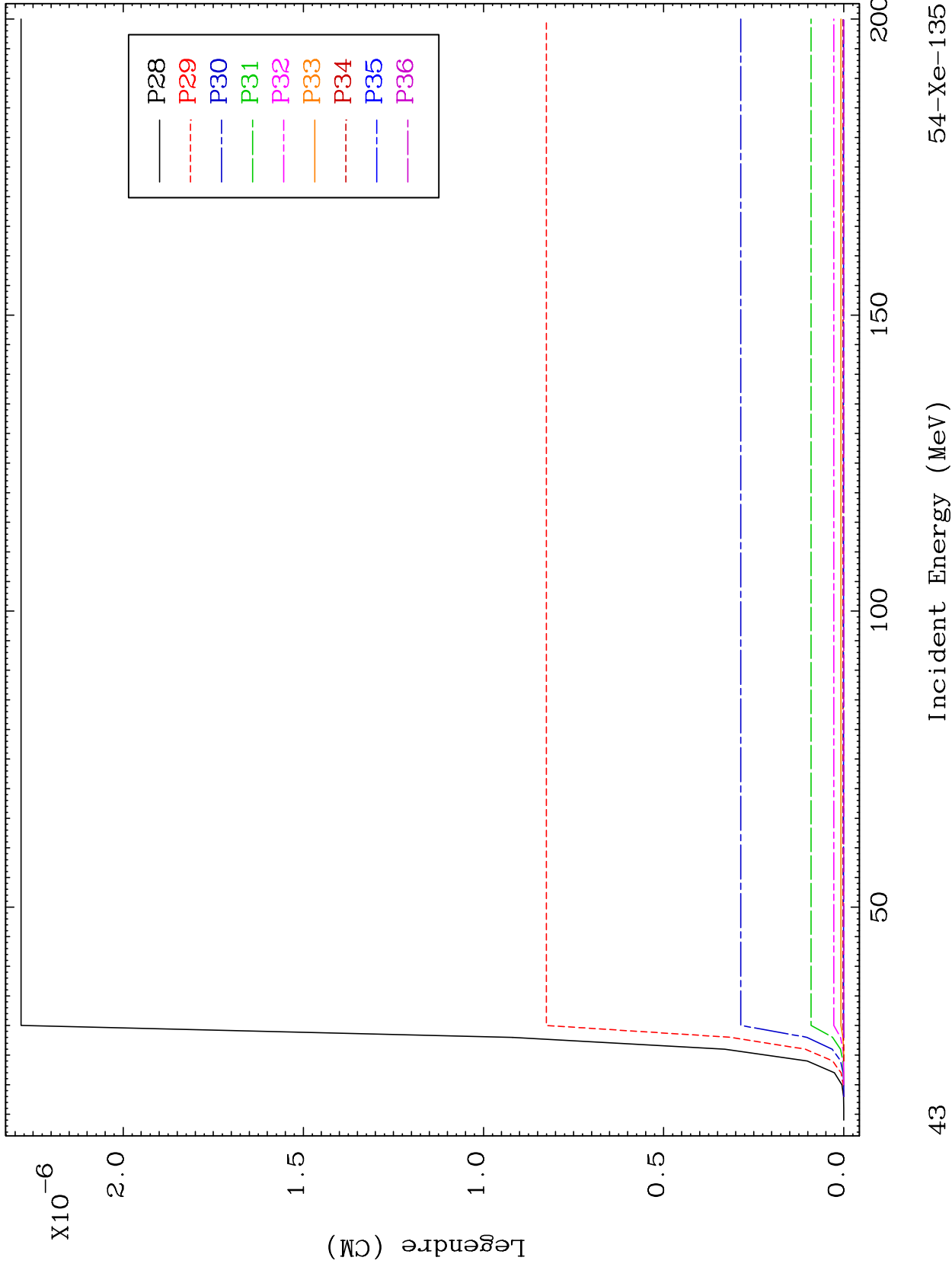
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.458 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



43

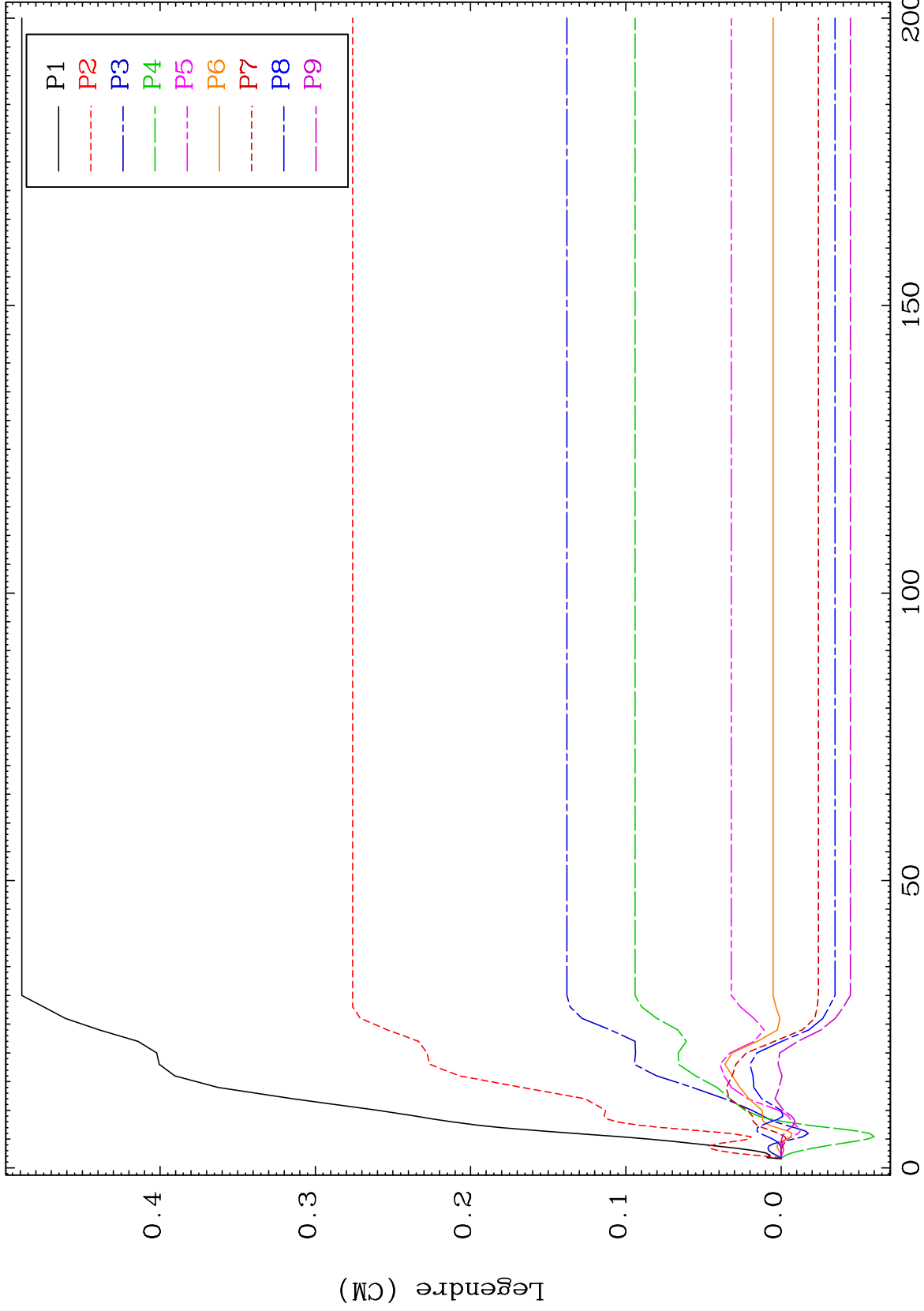
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.544 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



44

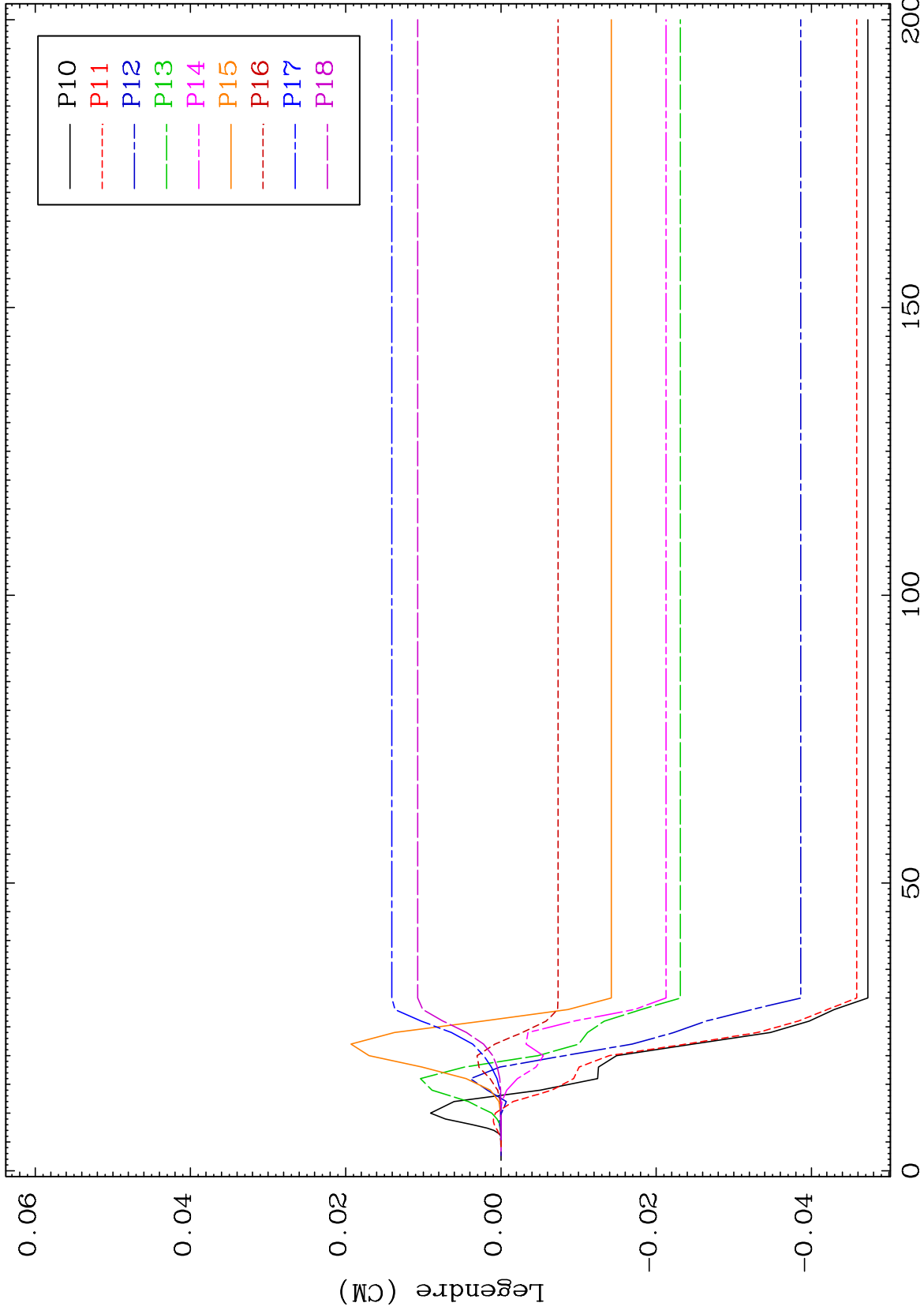
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.544 MeV (n,n') Level
Legendre Coefficients

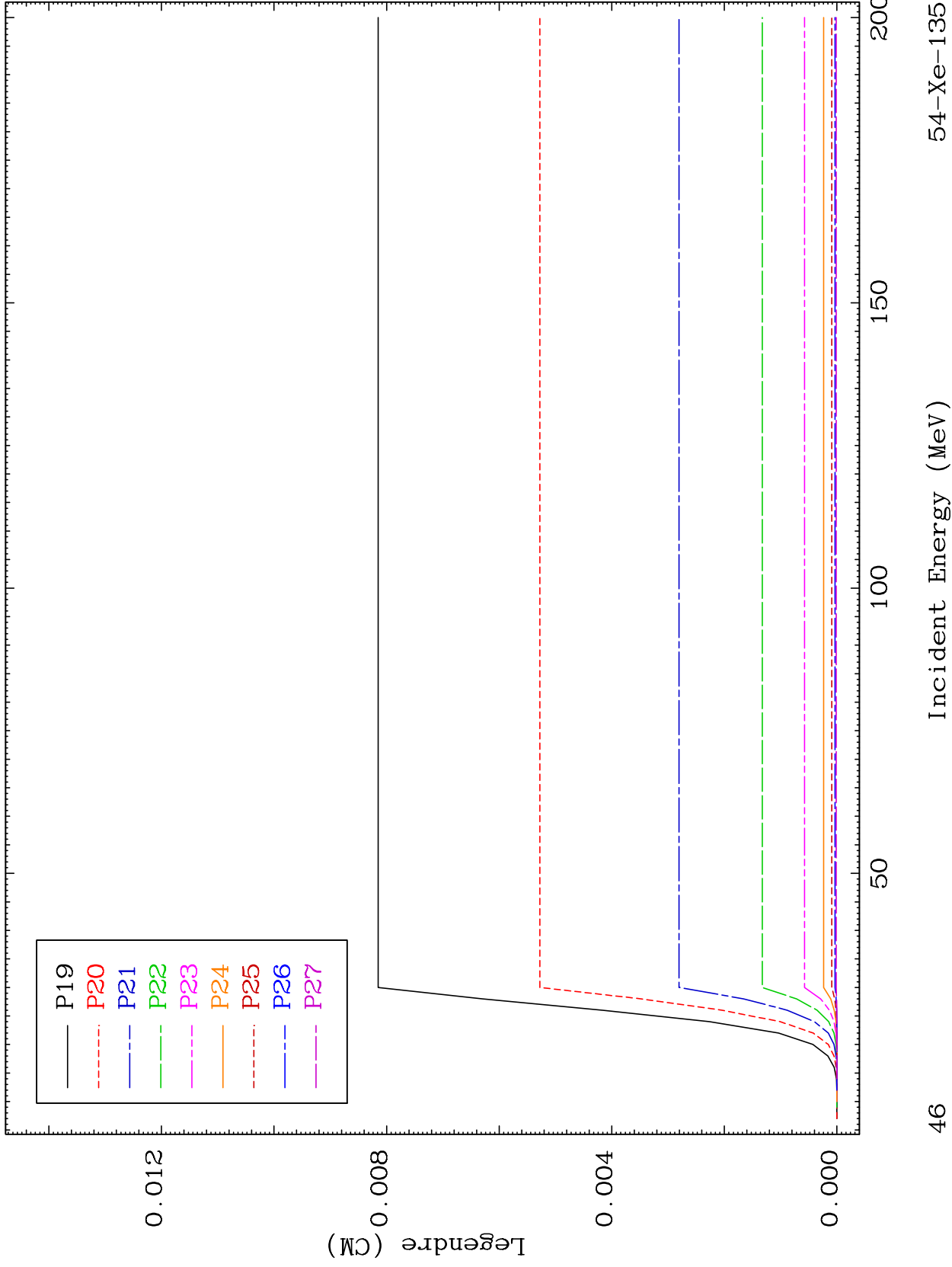
54-Xe-135



45

Incident Energy (MeV)

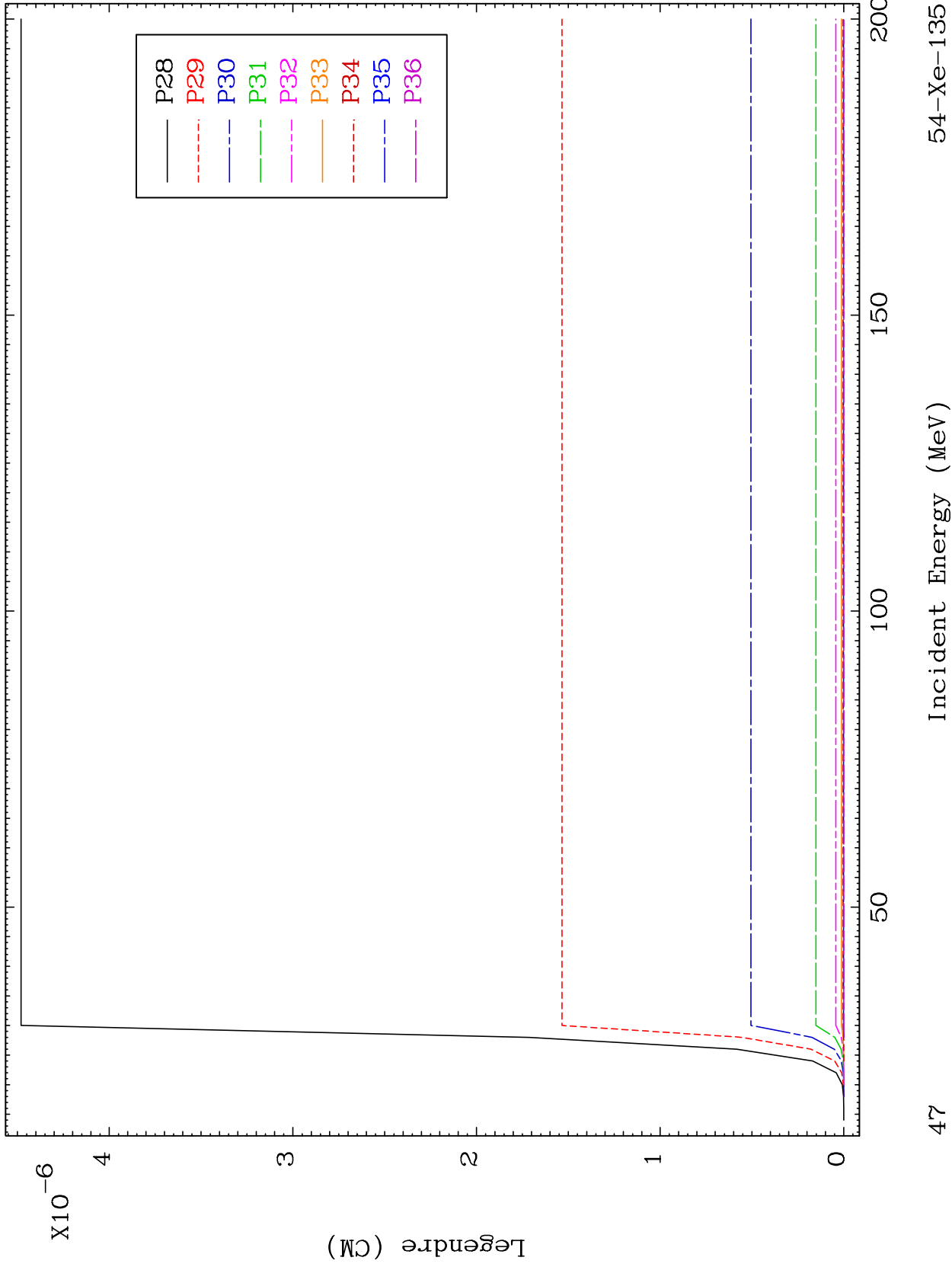
54-Xe-135



MAT 5458

1.544 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



47

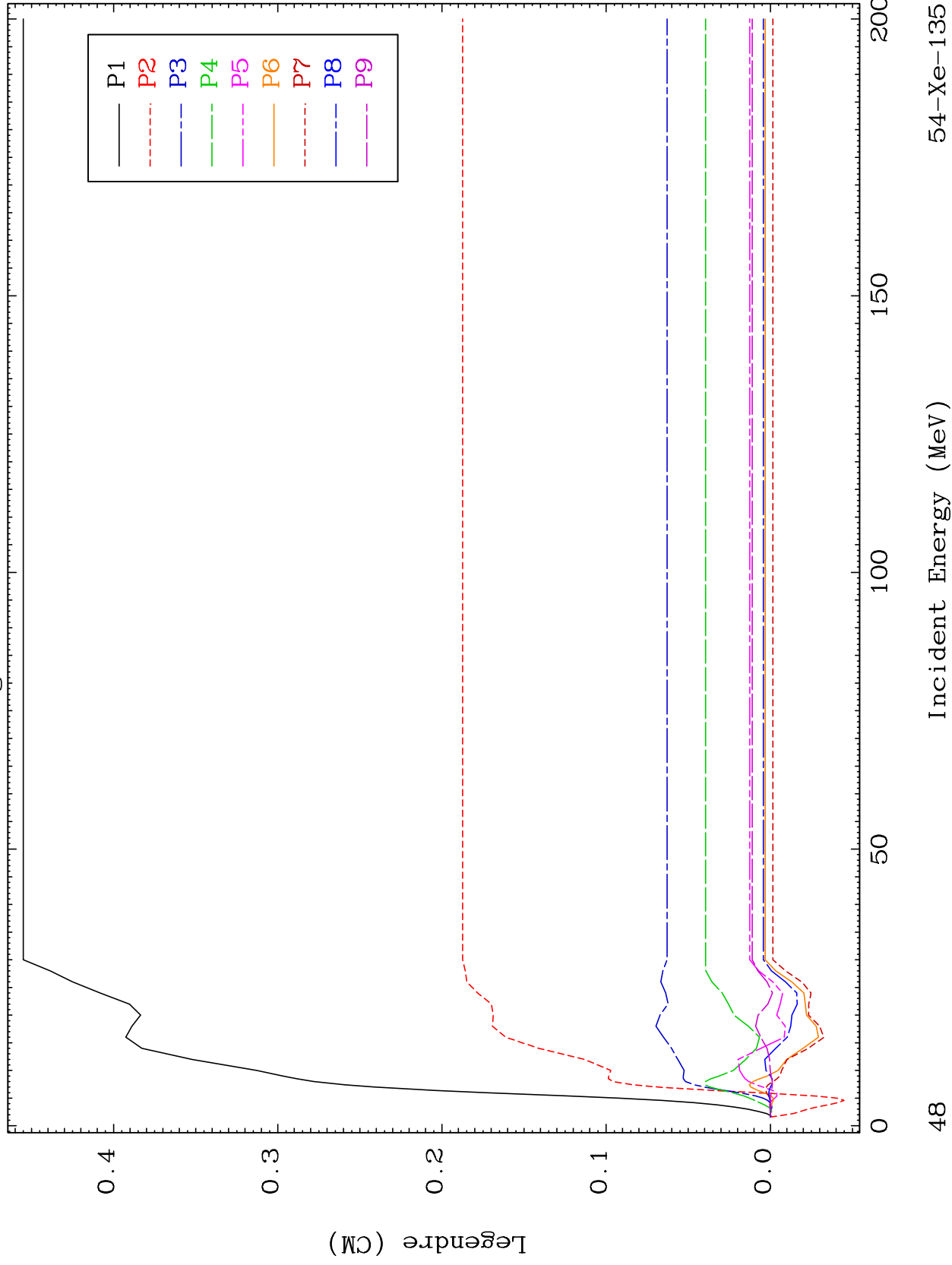
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.565 MeV (n,n') Level
Legendre Coefficients

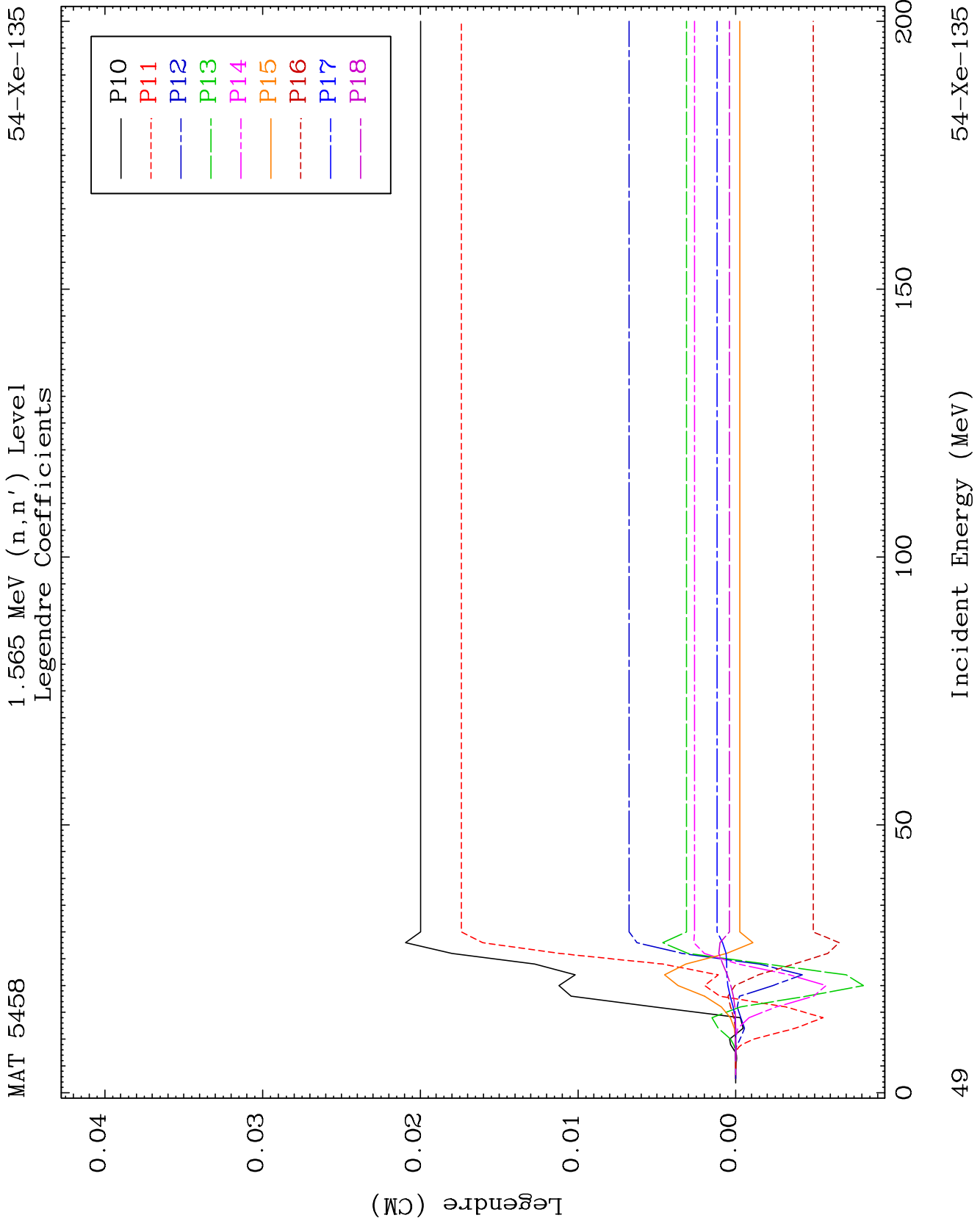
54-Xe-135



54-Xe-135

Incident Energy (MeV)

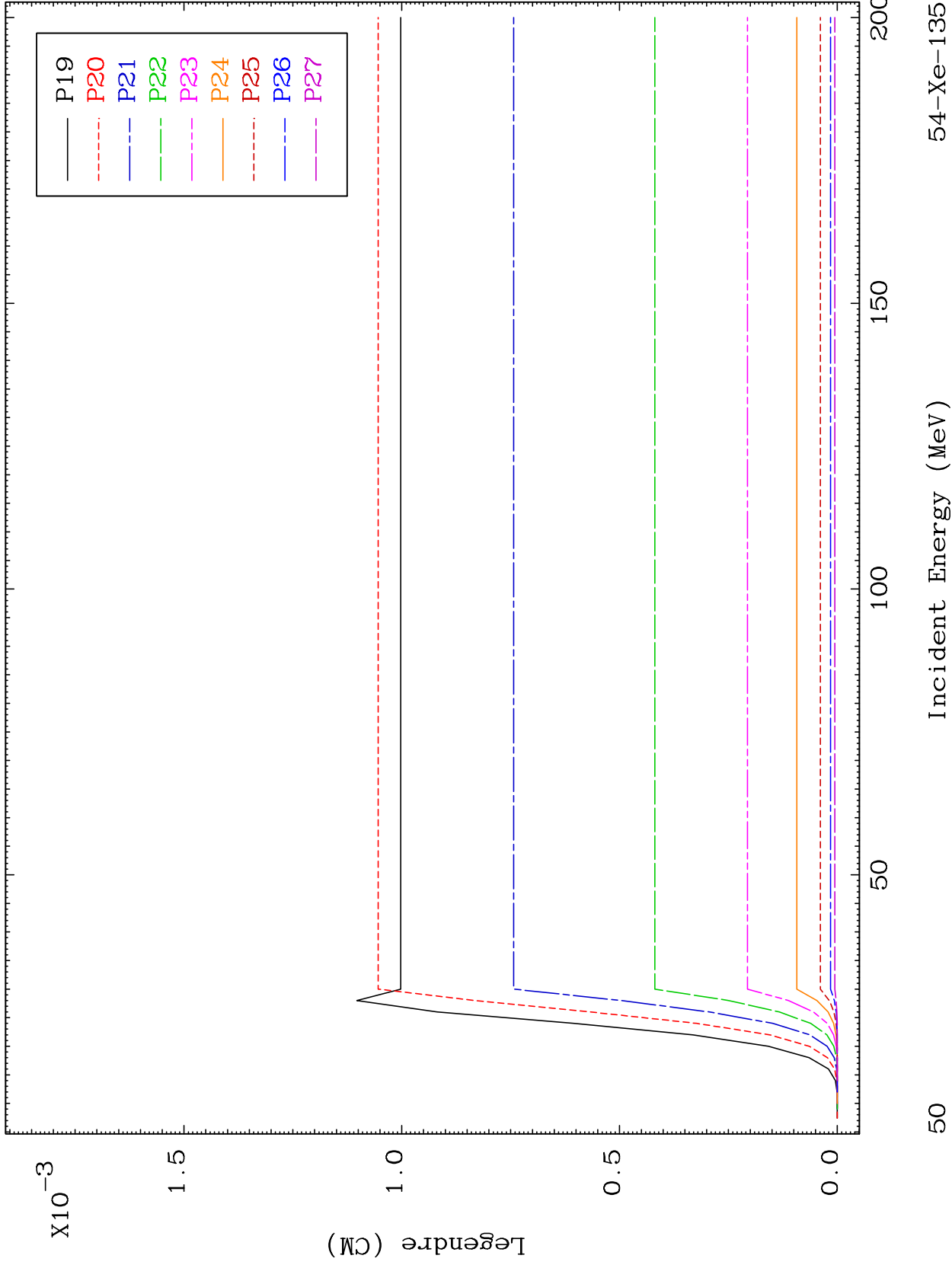
48



MAT 5458

1.565 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

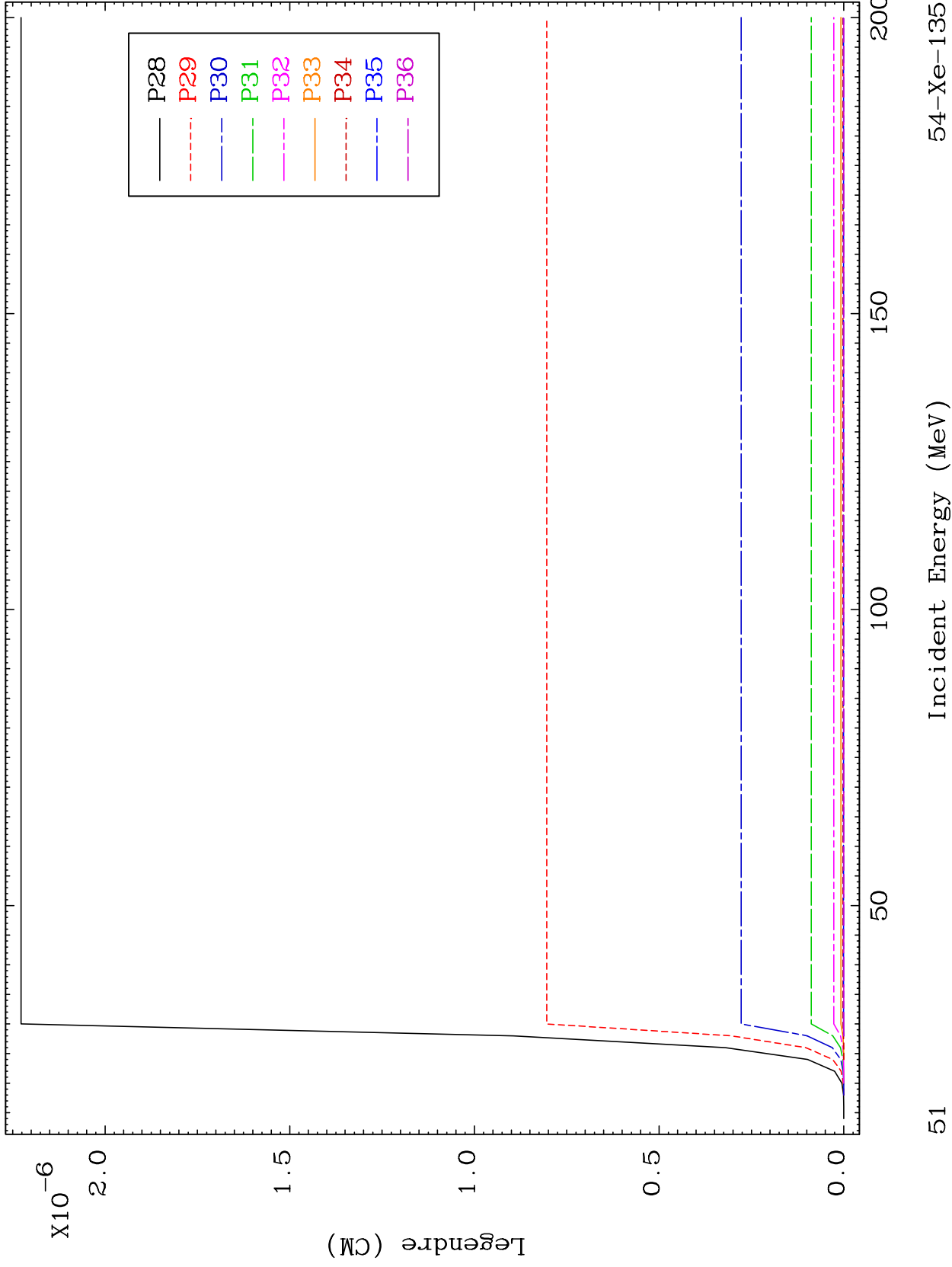
Incident Energy (MeV)

50

MAT 5458

1.565 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



51

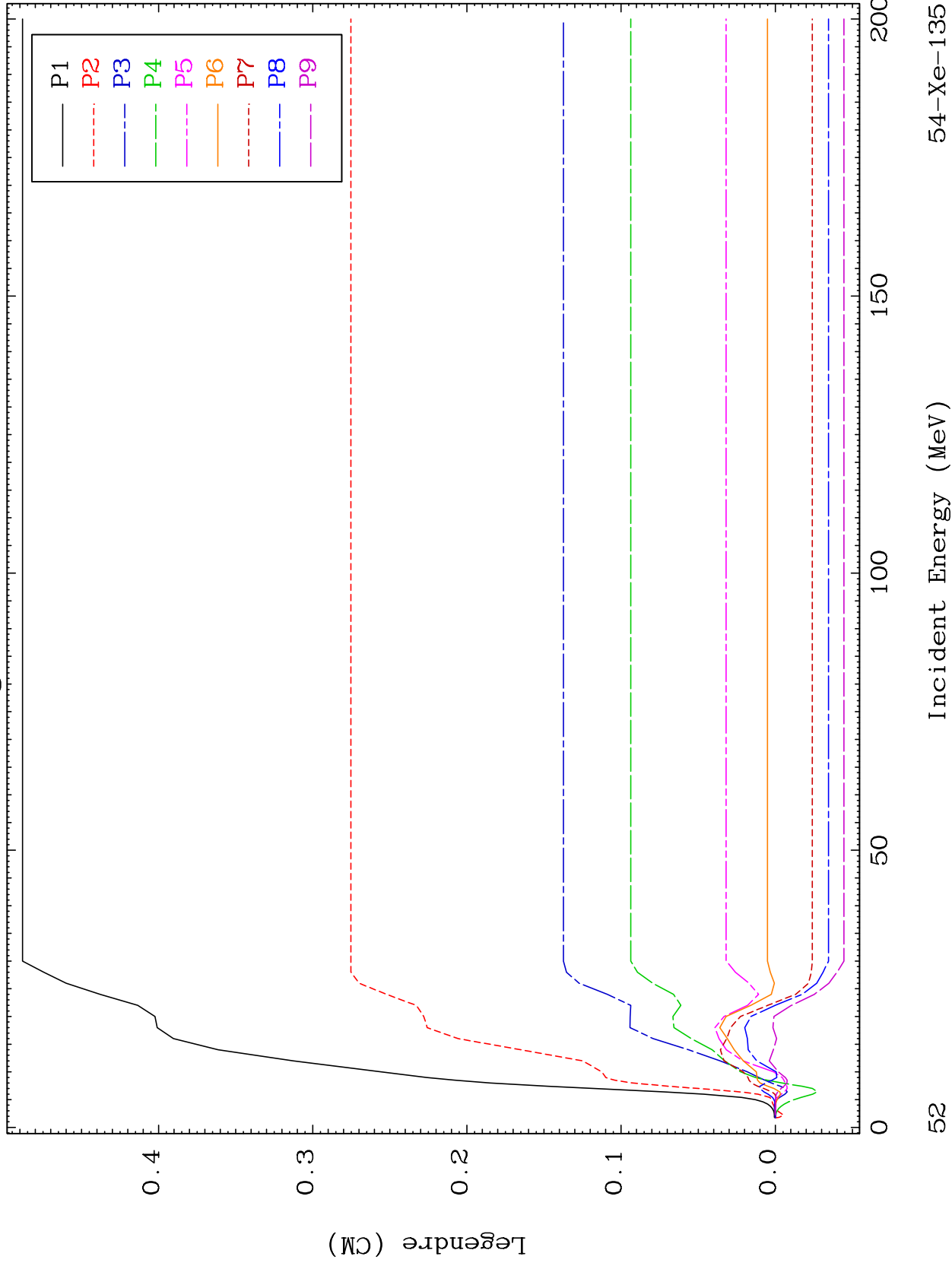
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.678 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

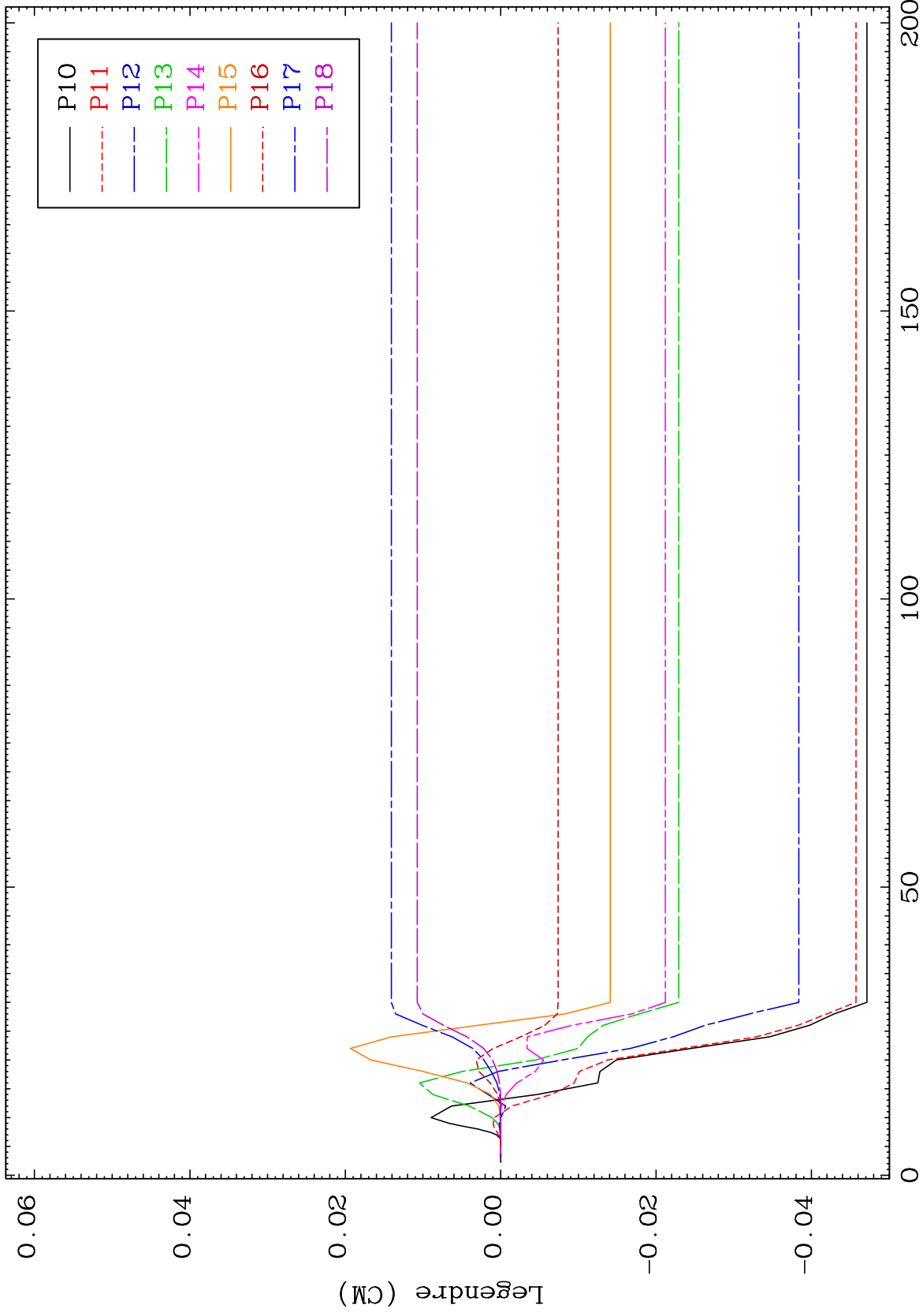
Incident Energy (MeV)

52

MAT 5458

1.678 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



53

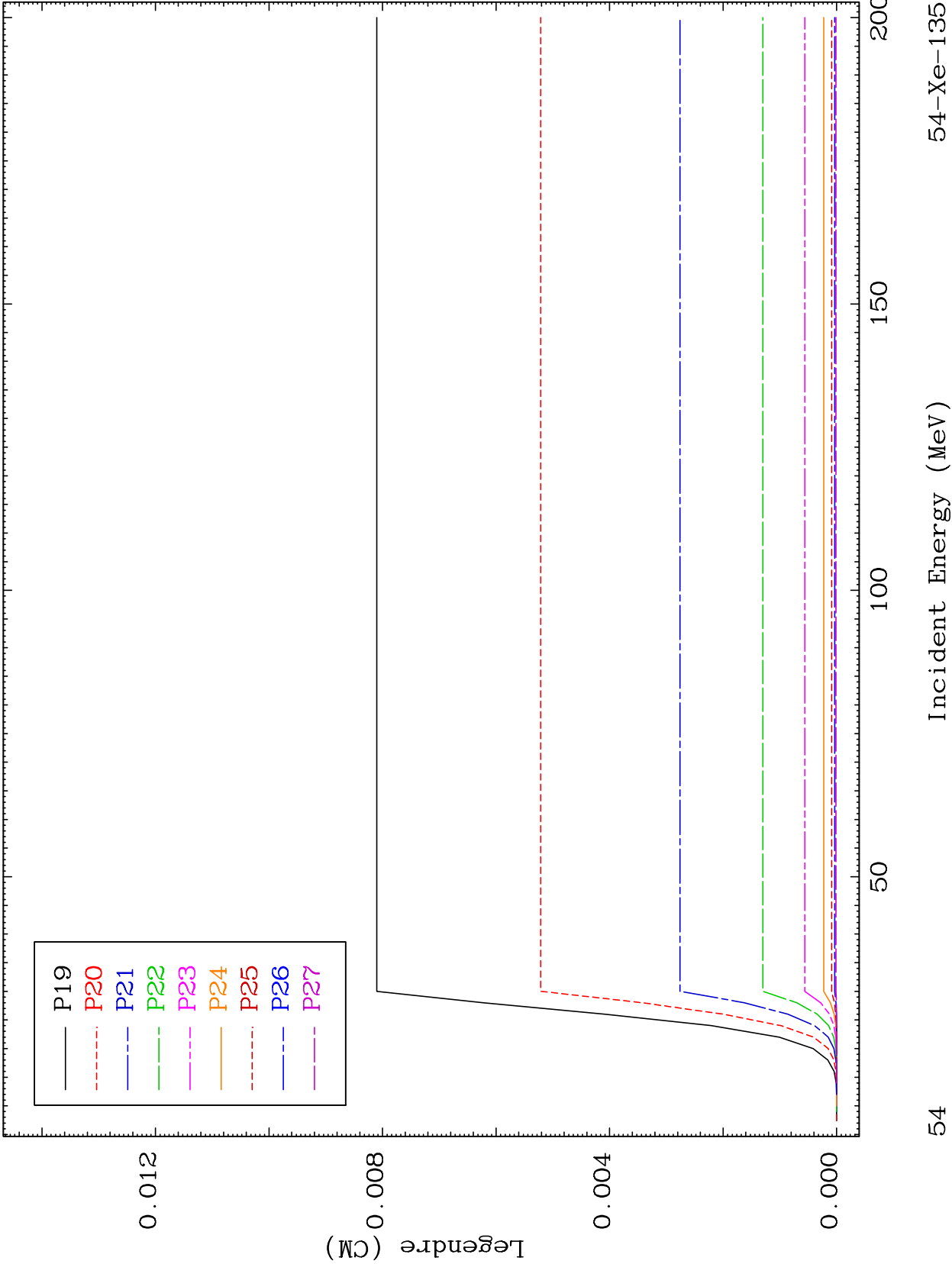
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.678 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



54

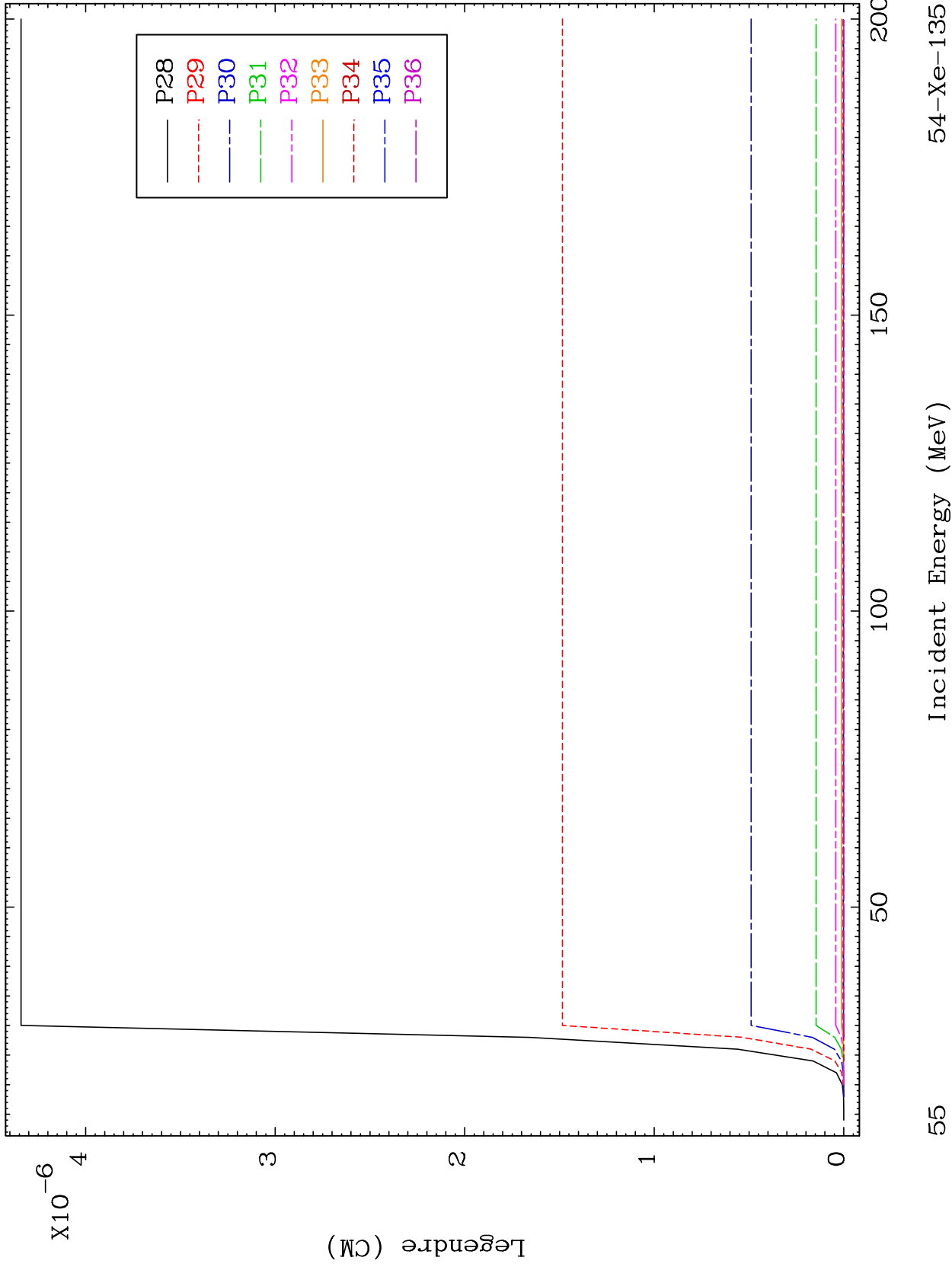
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.678 MeV (n, n') Level
Legendre Coefficients

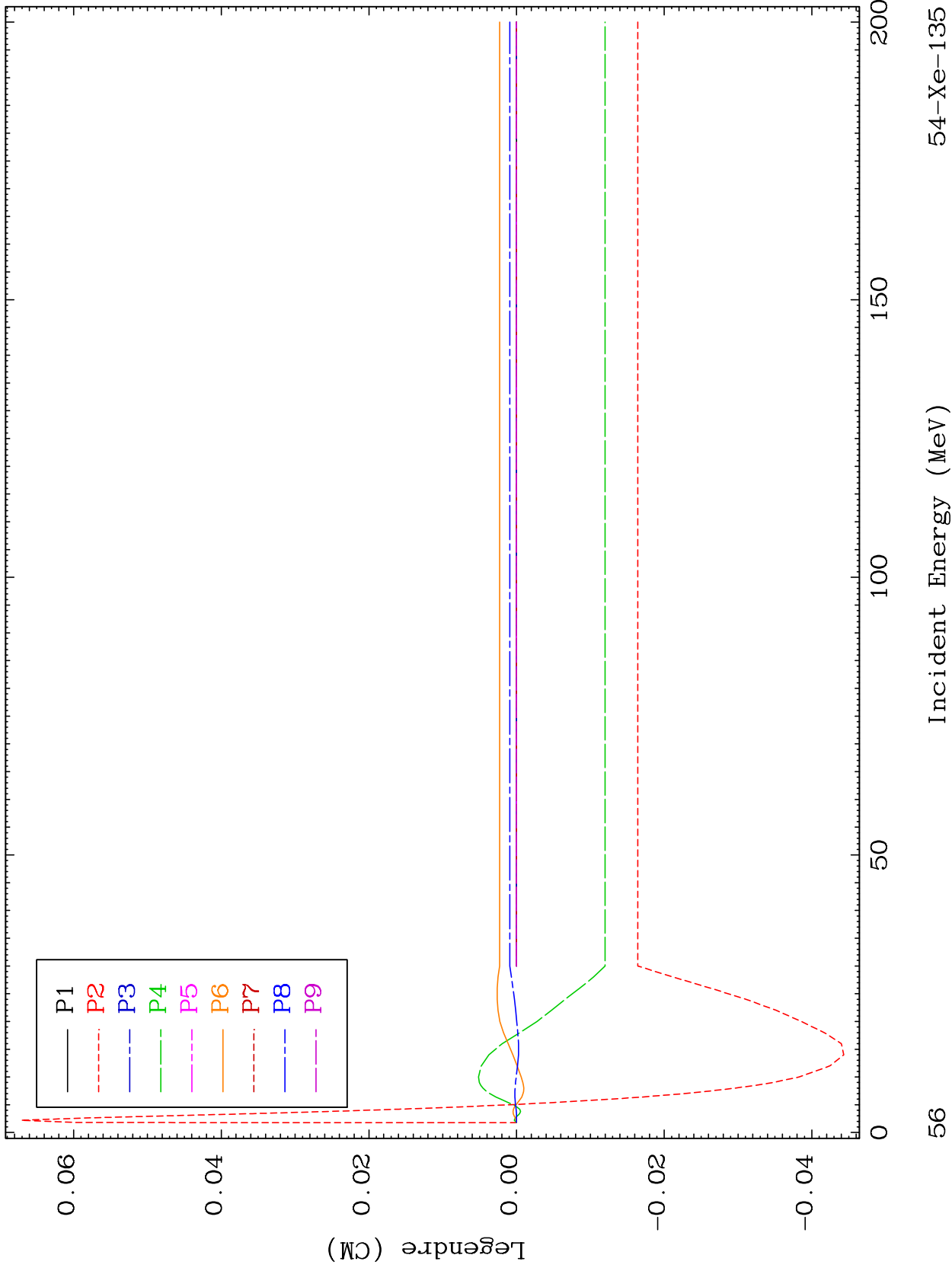
54-Xe-135

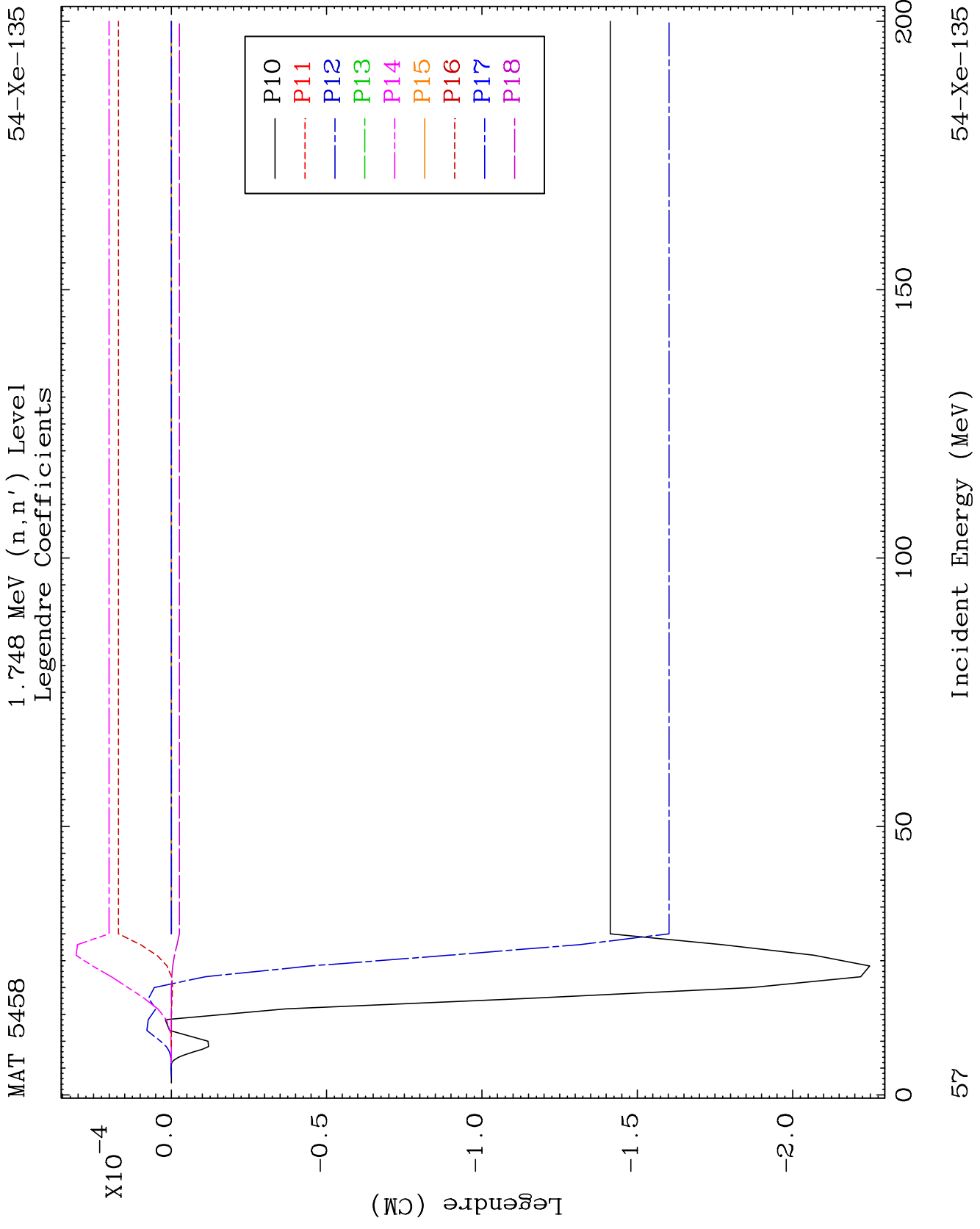


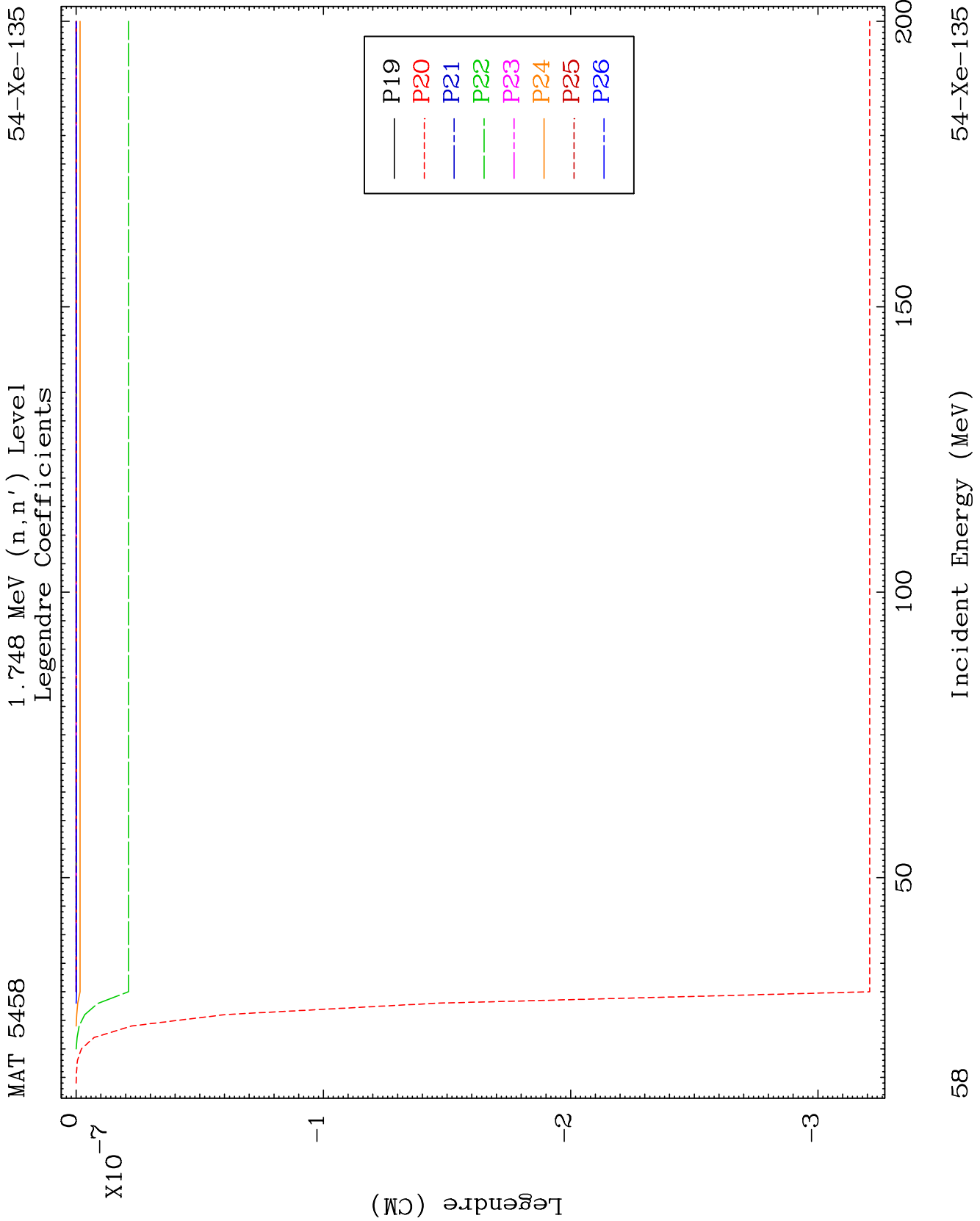
55

Incident Energy (MeV)

54-Xe-135



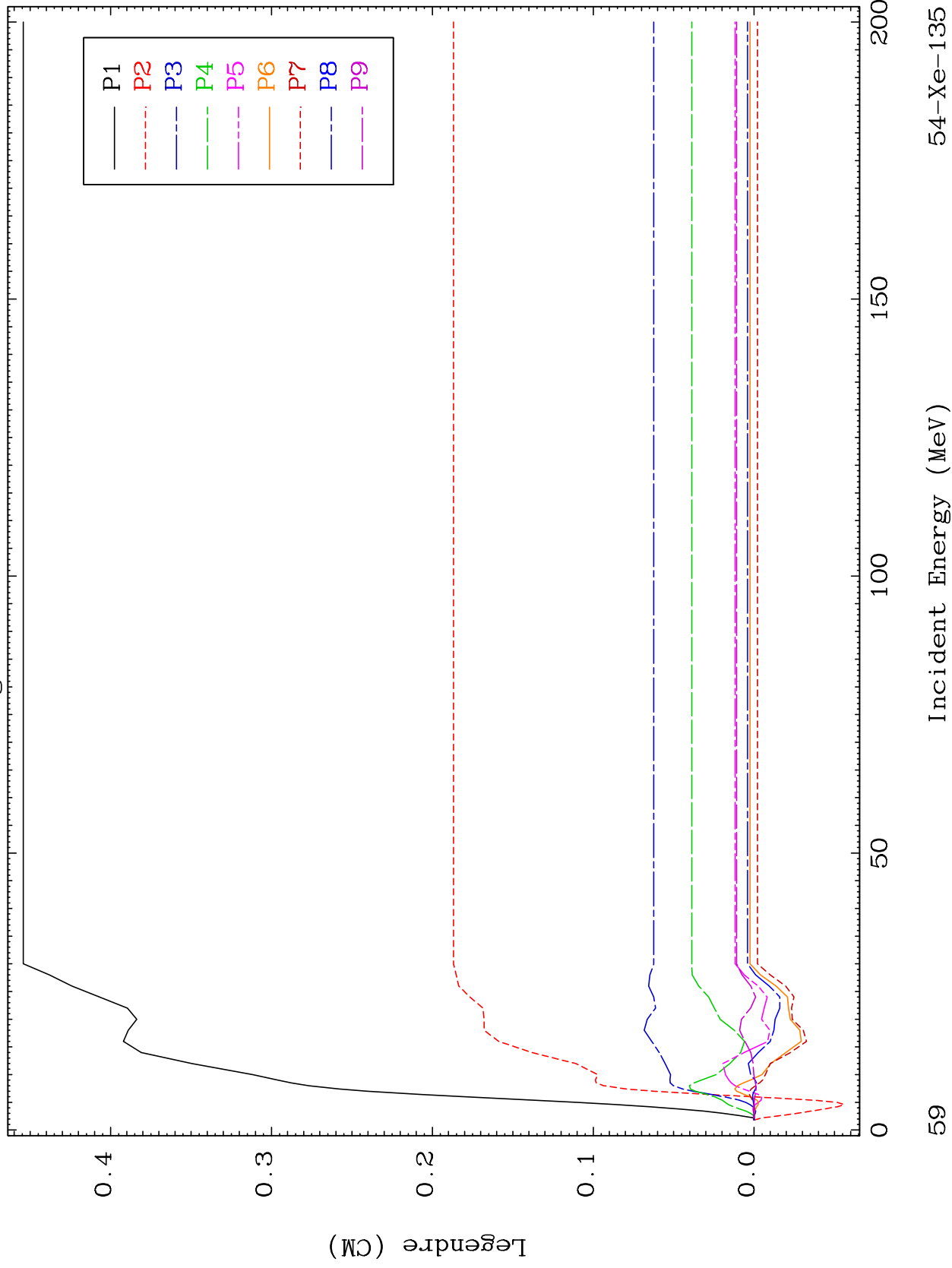




MAT 5458

1.781 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

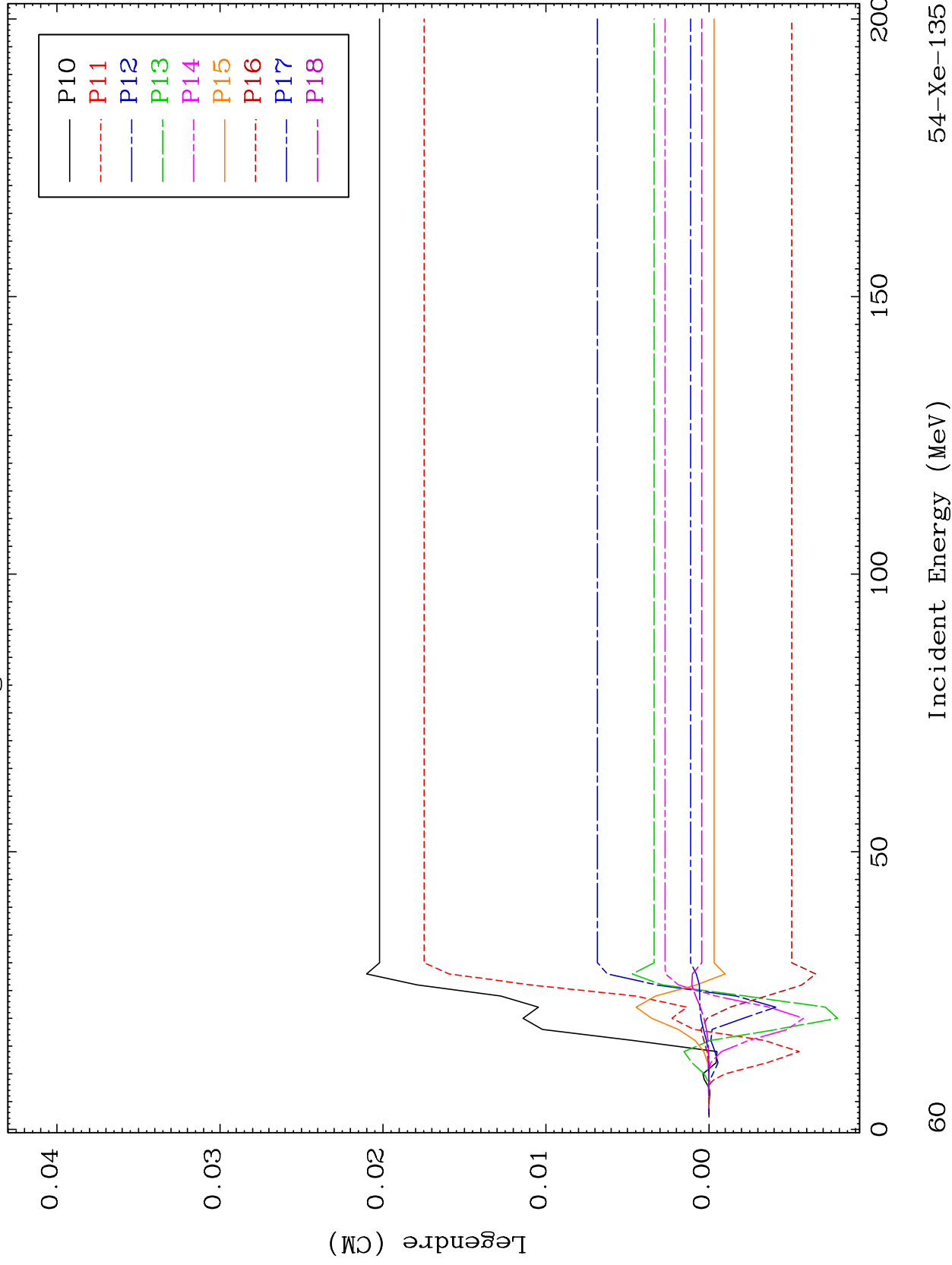
Incident Energy (MeV)

59

MAT 5458

1.781 MeV (n,n') Level
Legendre Coefficients

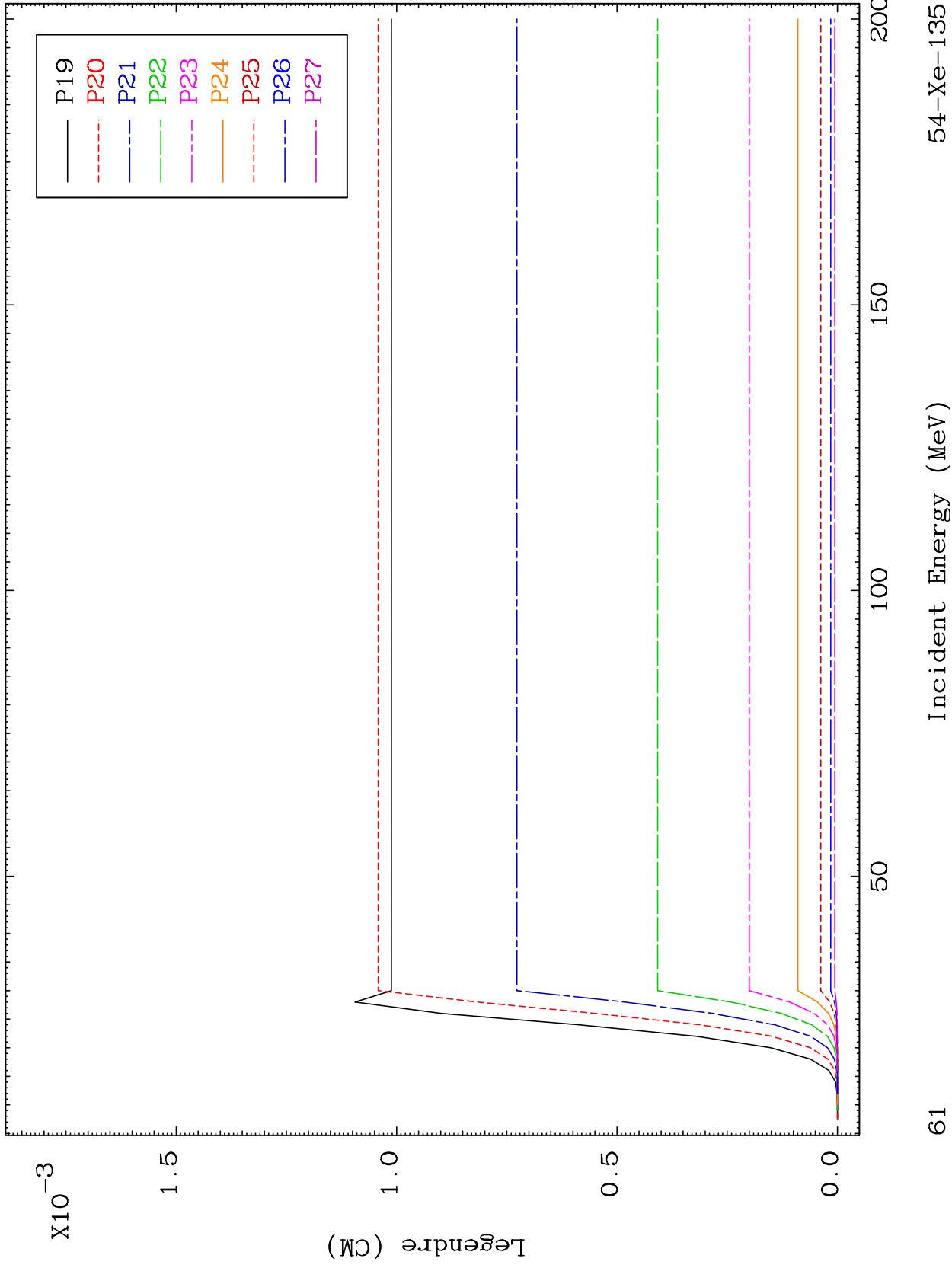
54-Xe-135



54-Xe-135

Incident Energy (MeV)

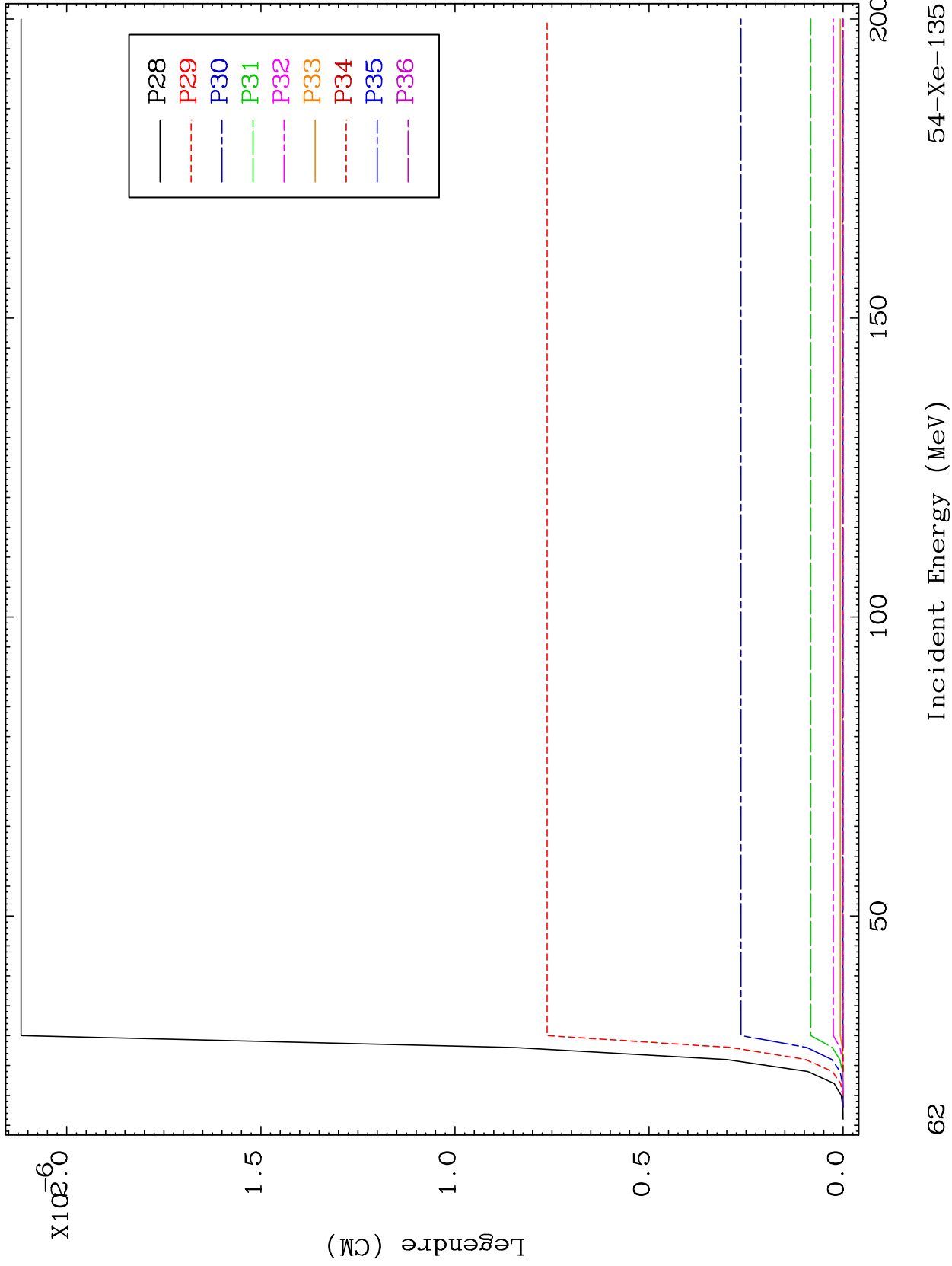
60



MAT 5458

1.781 MeV (n,n') Level
Legendre Coefficients

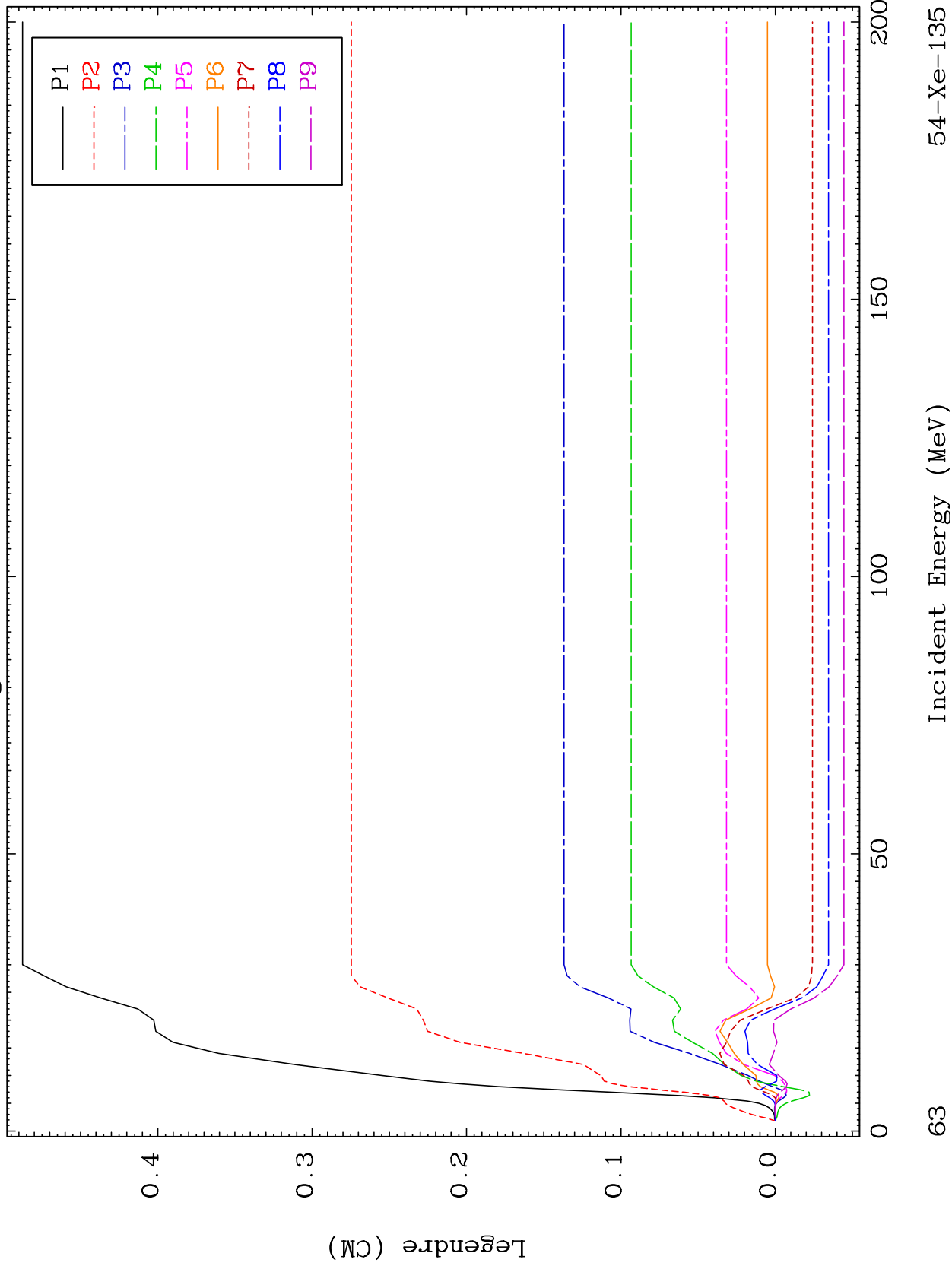
54-Xe-135



MAT 5458

1.791 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

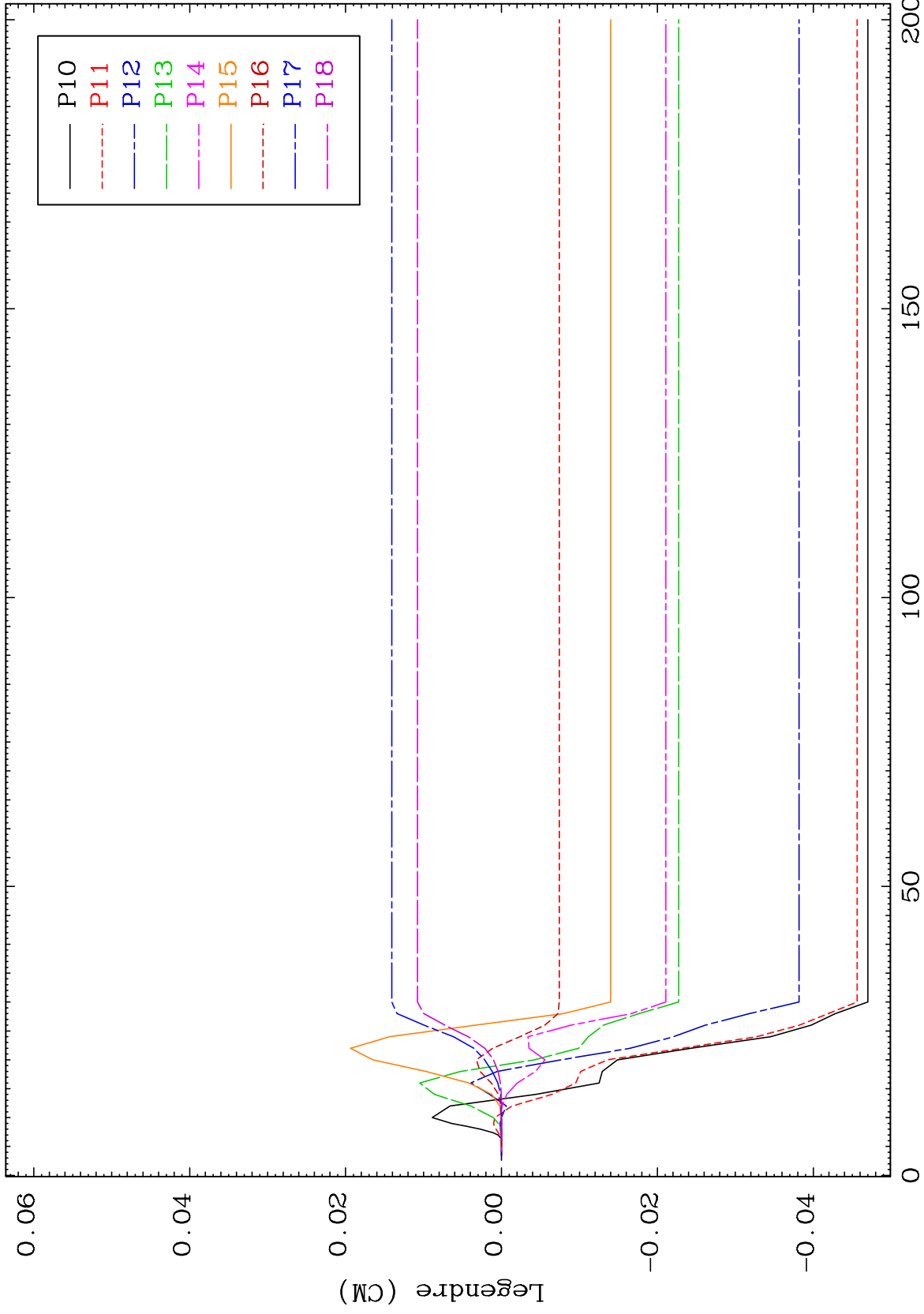
Incident Energy (MeV)

63

MAT 5458

1.791 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



64

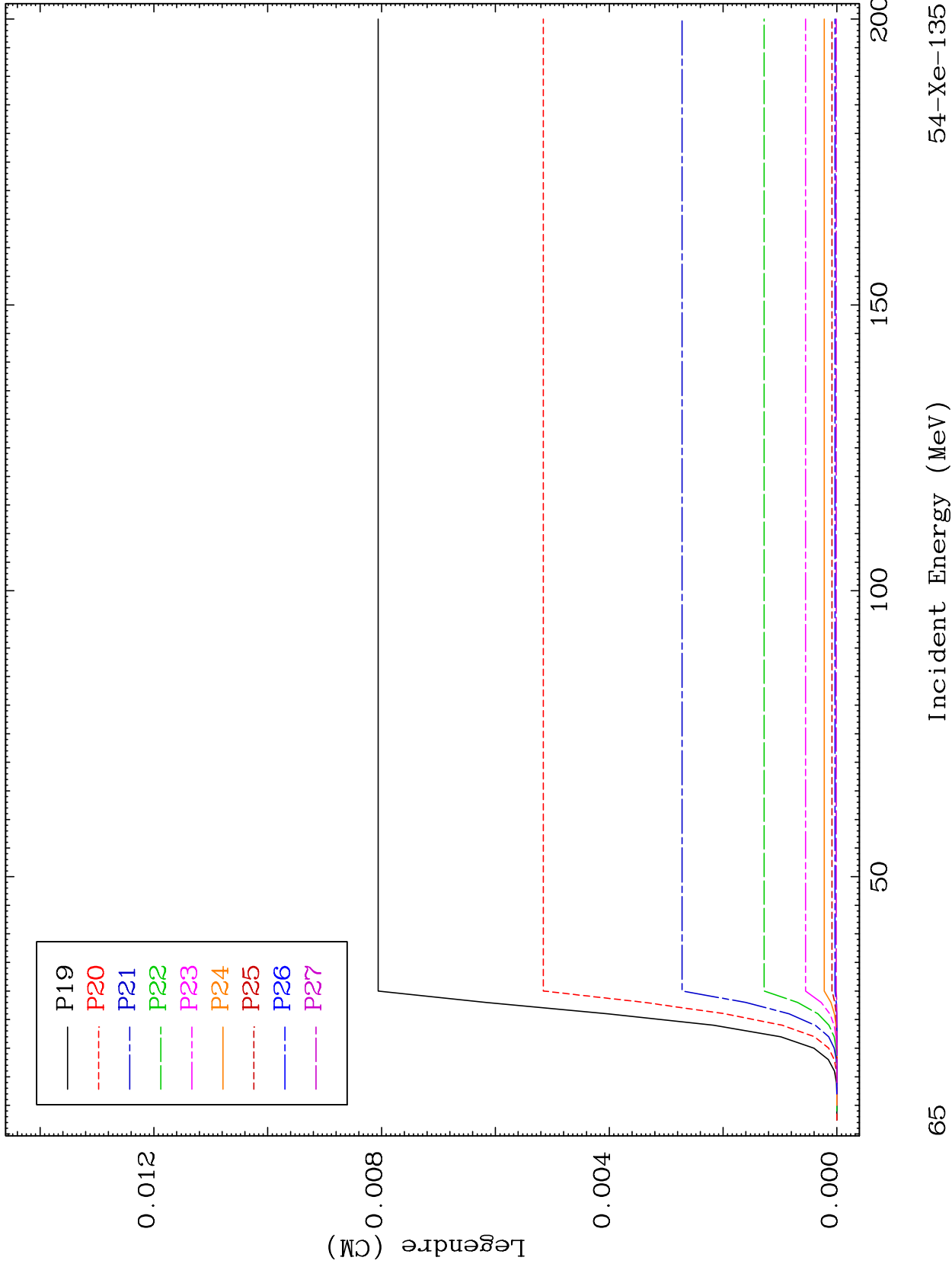
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.791 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



65

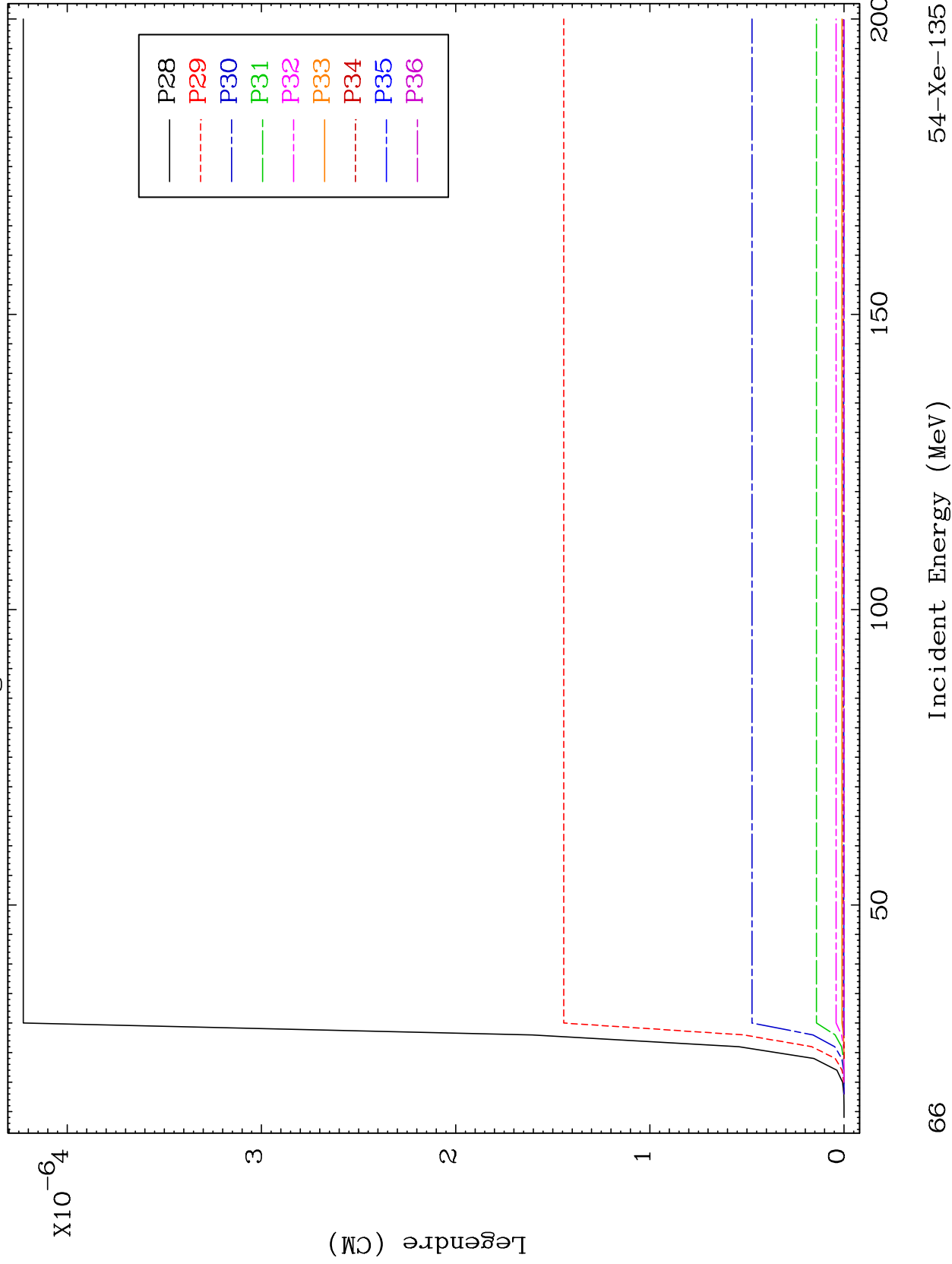
Incident Energy (MeV)

54-Xe-135

MAT 5458

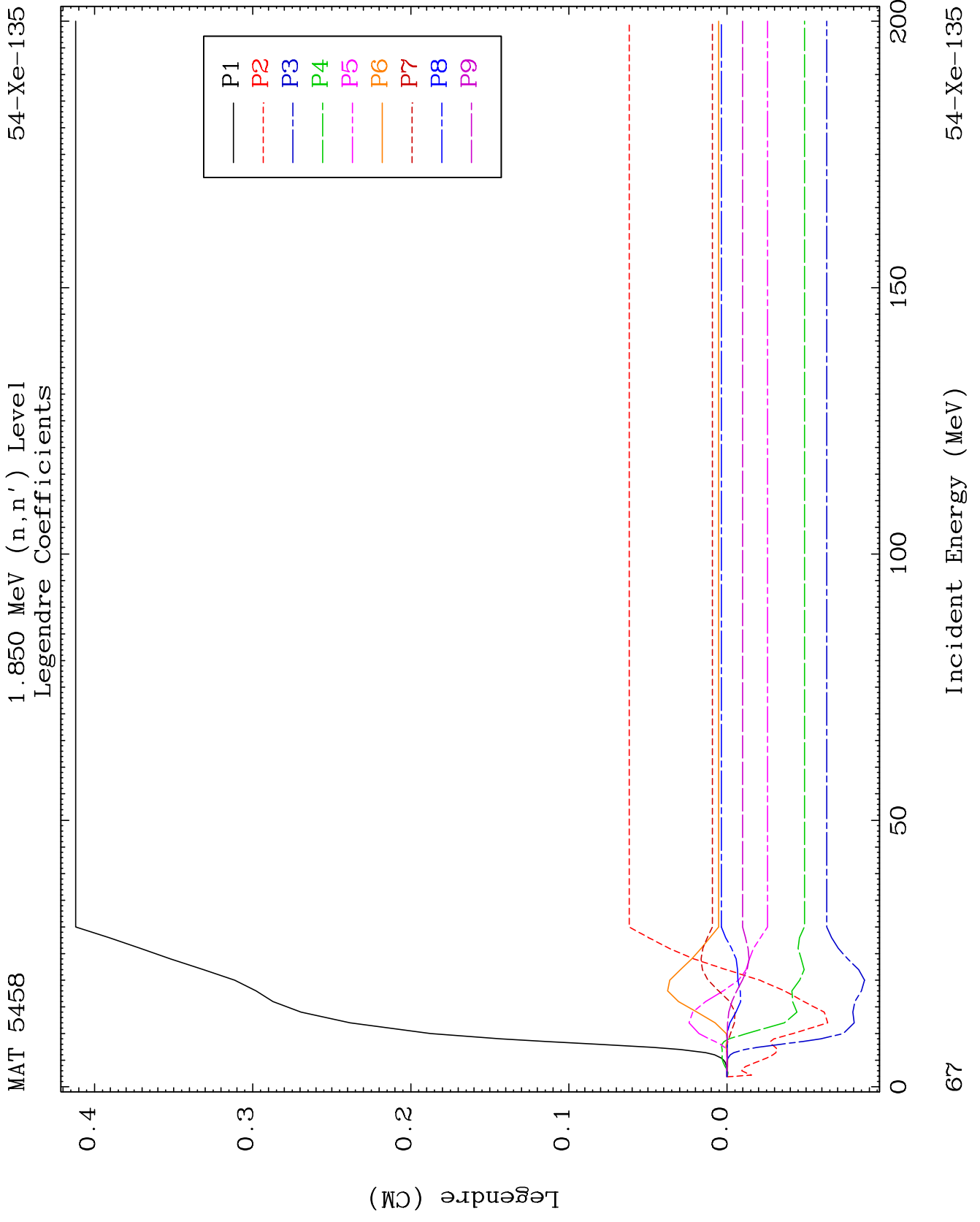
1.791 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



66

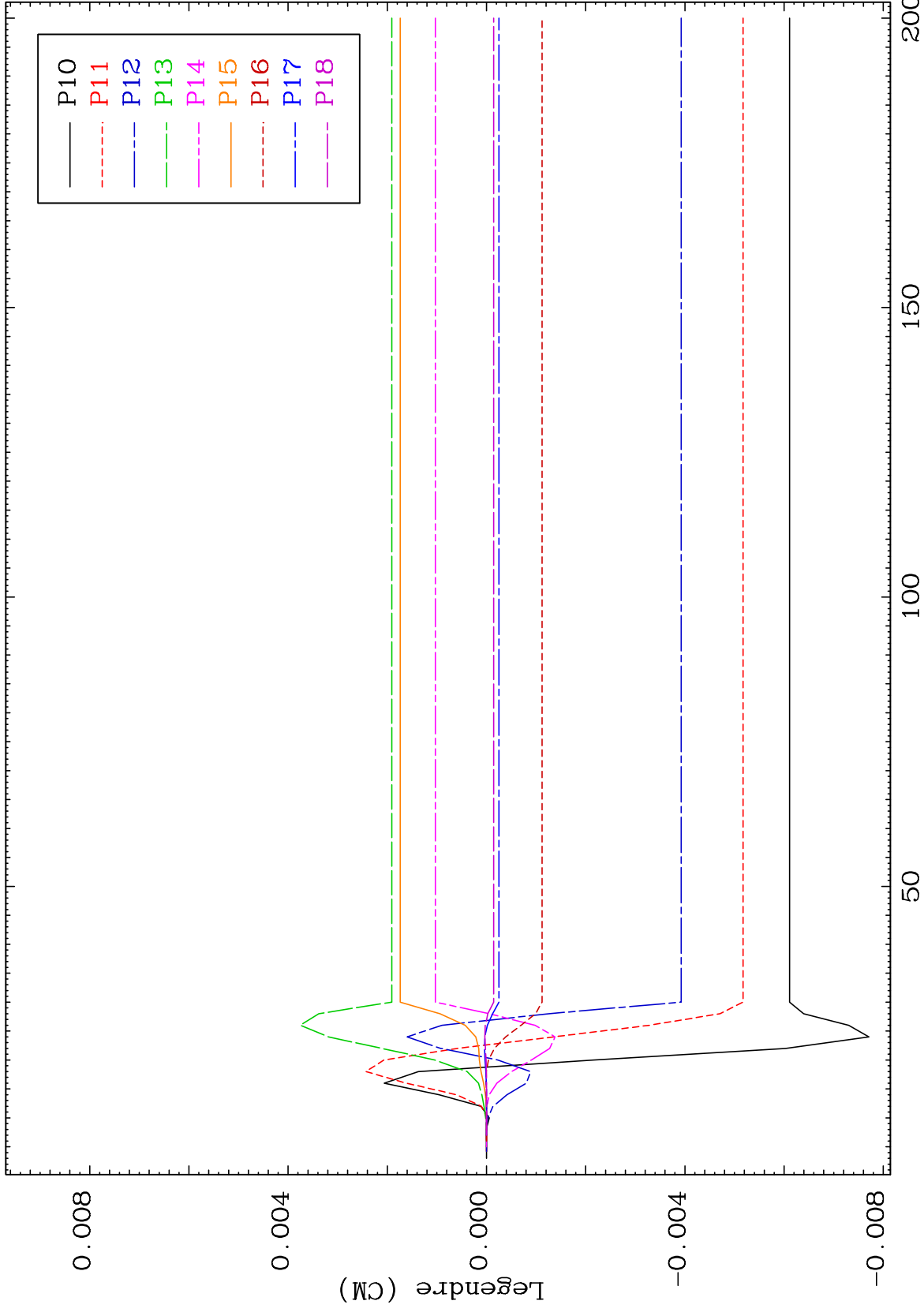
54-Xe-135



MAT 5458

1.850 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



68

Incident Energy (MeV)

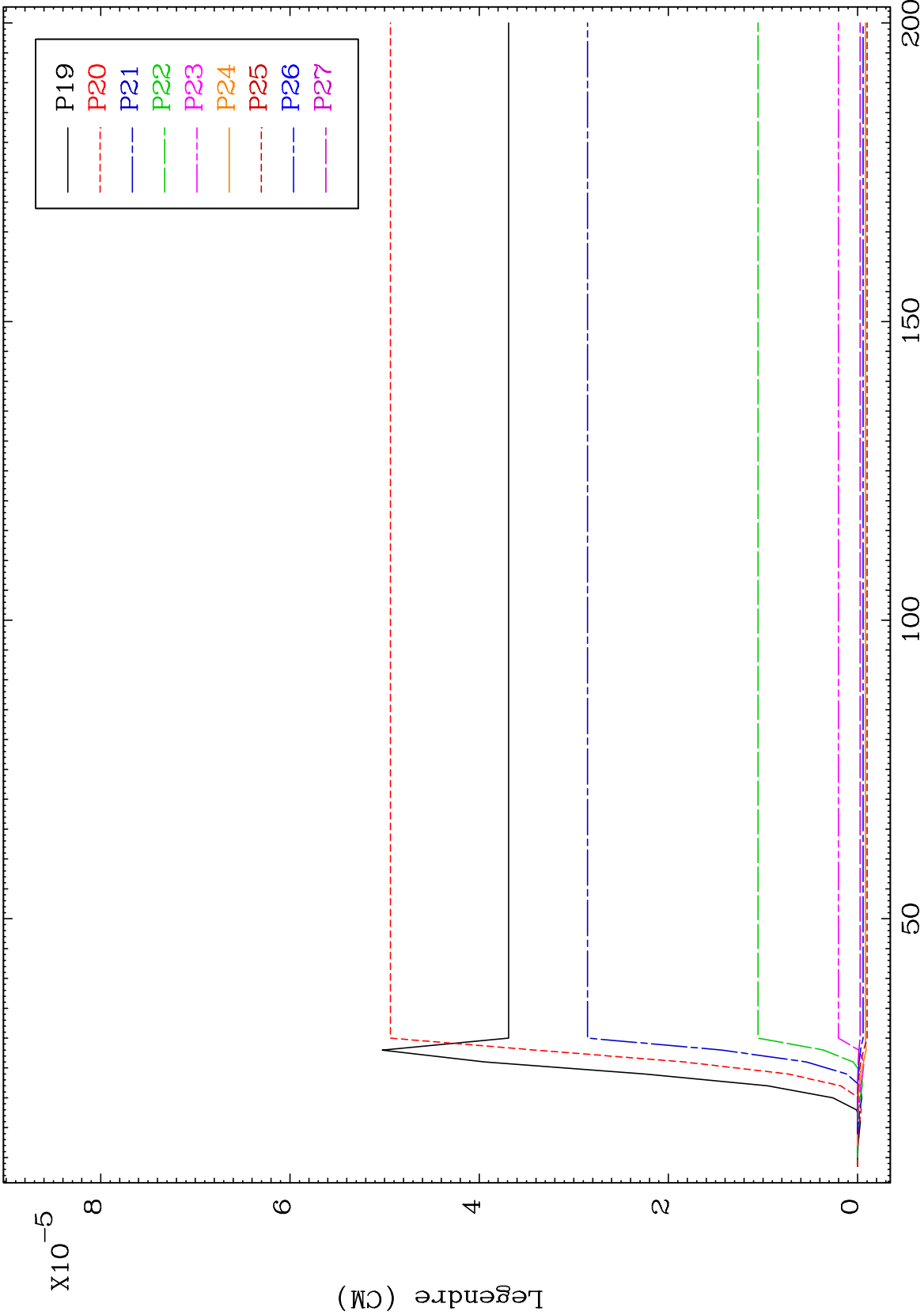
54-Xe-135

MAT 5458

1.850 MeV (n,n') Level
Legendre Coefficients

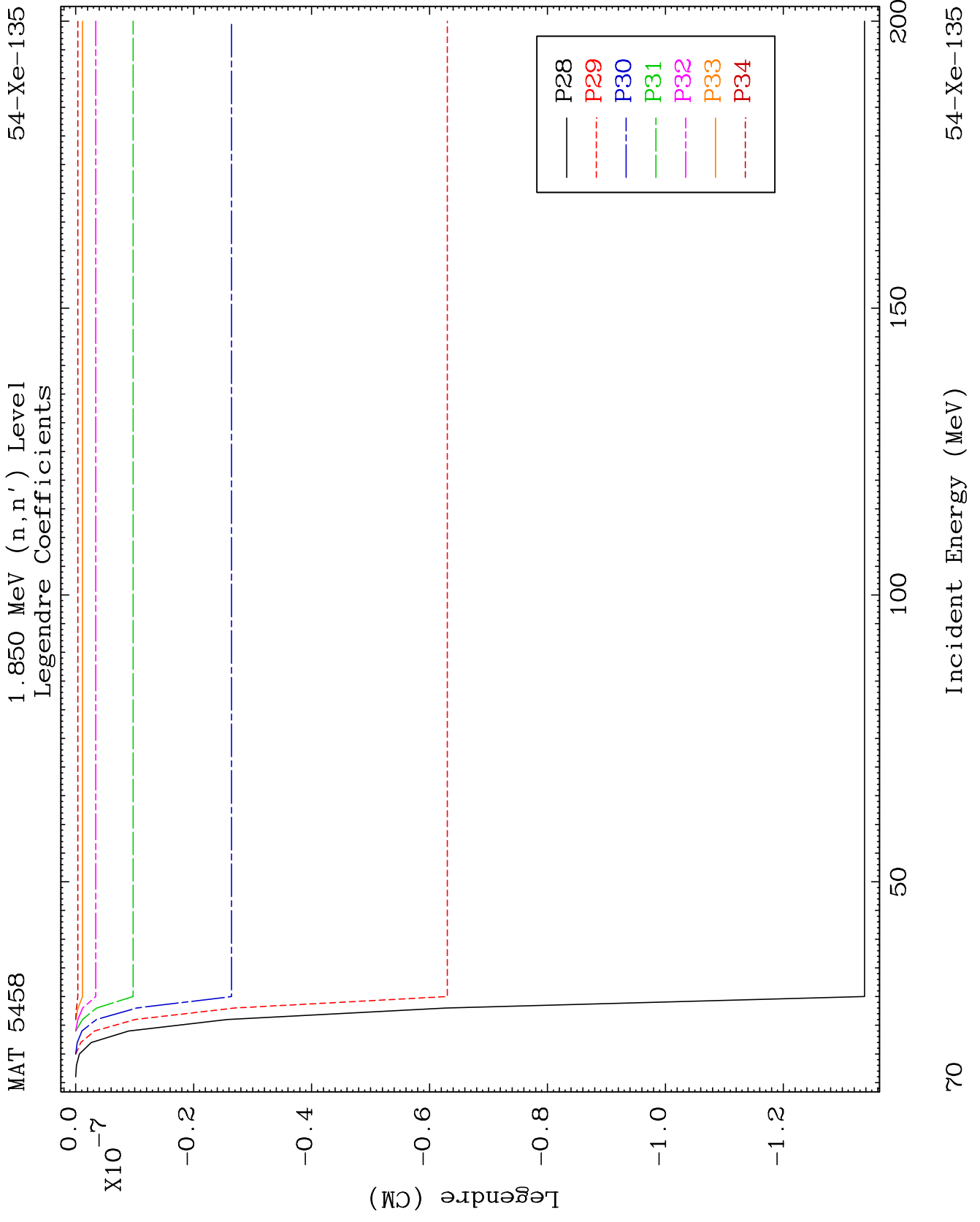
54-Xe-135

$\times 10^{-5}$



69

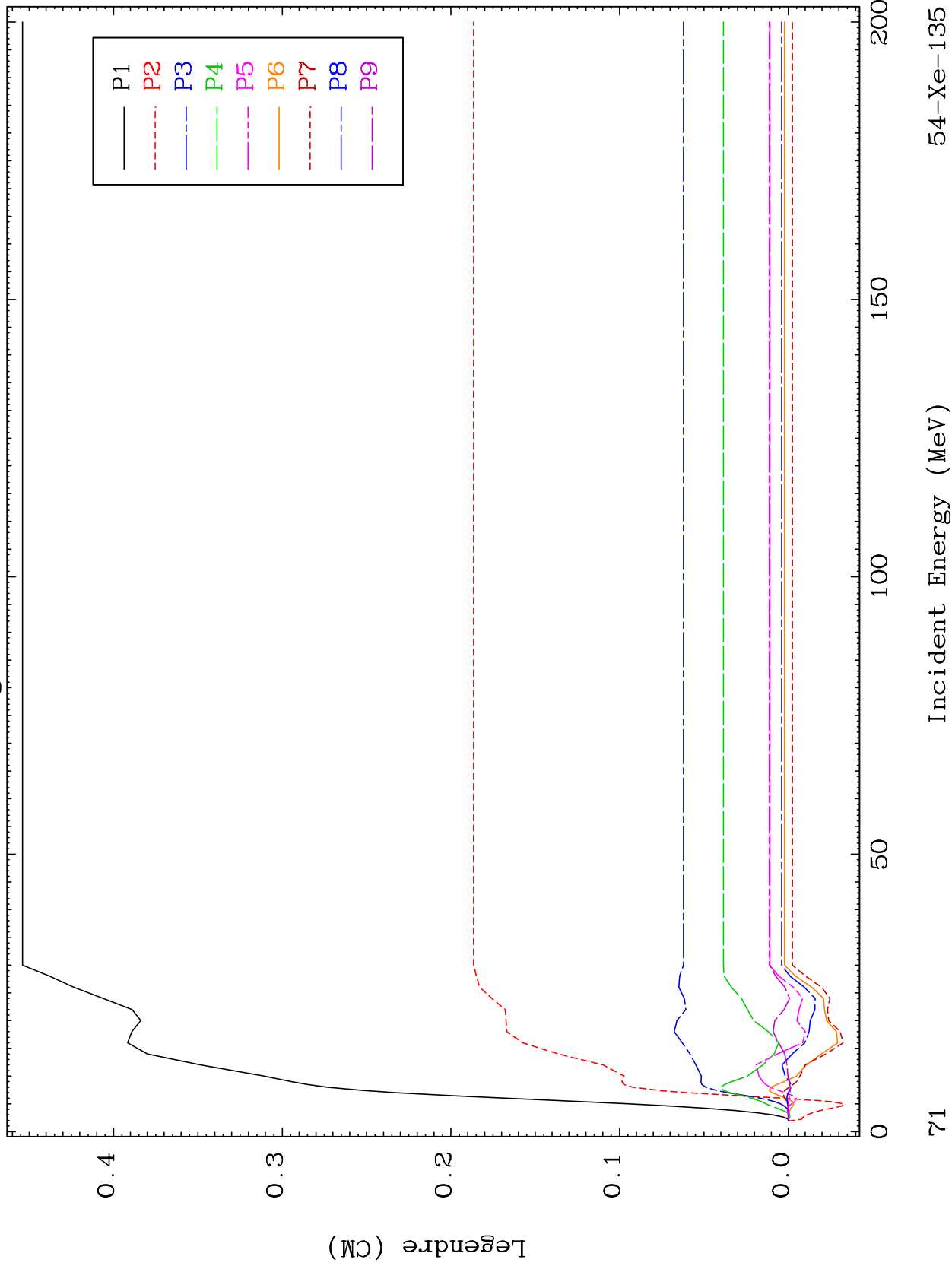
54-Xe-135



MAT 5458

1.894 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

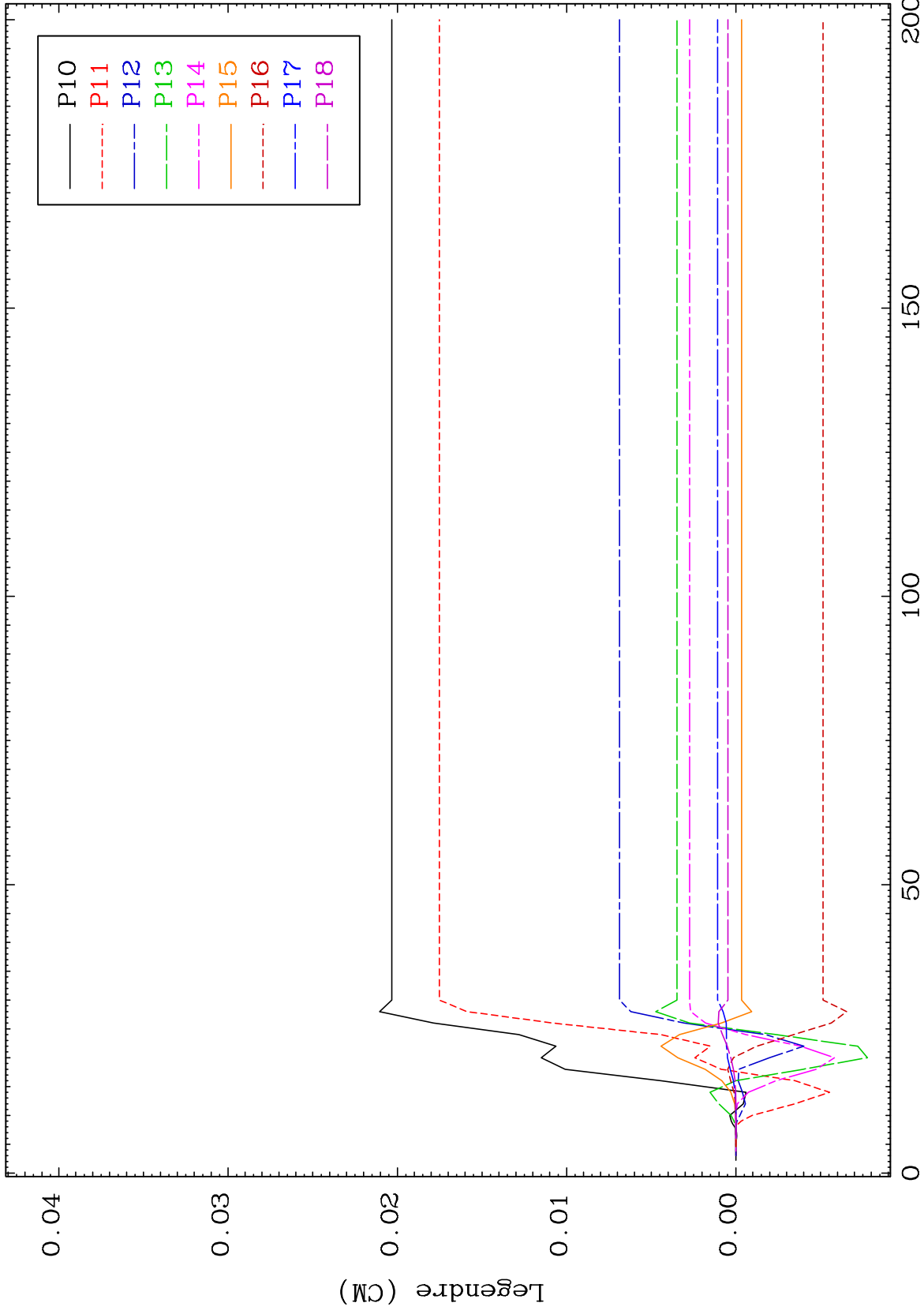
Incident Energy (MeV)

71

MAT 5458

1.894 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



72

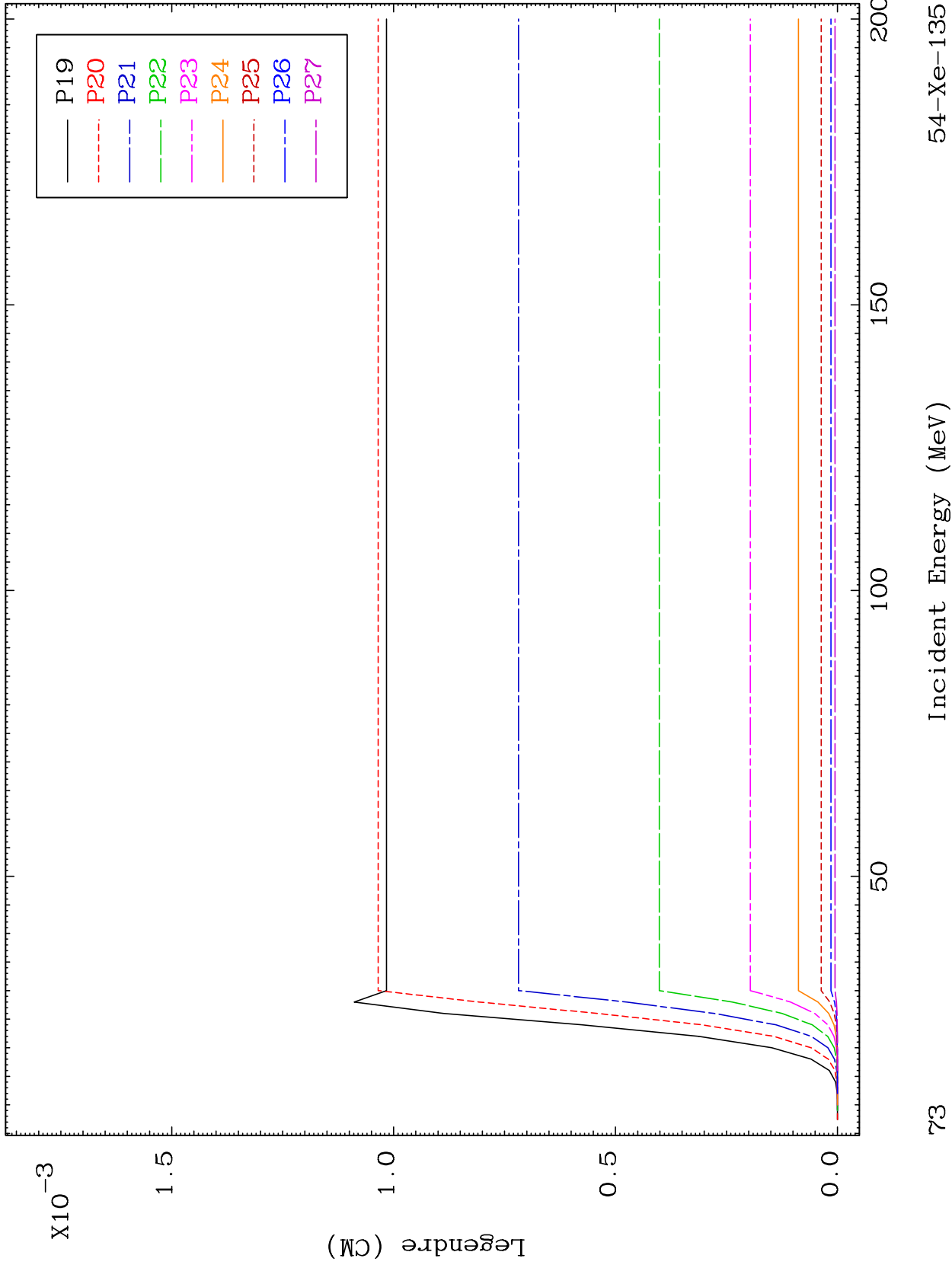
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.894 MeV (n,n') Level
Legendre Coefficients

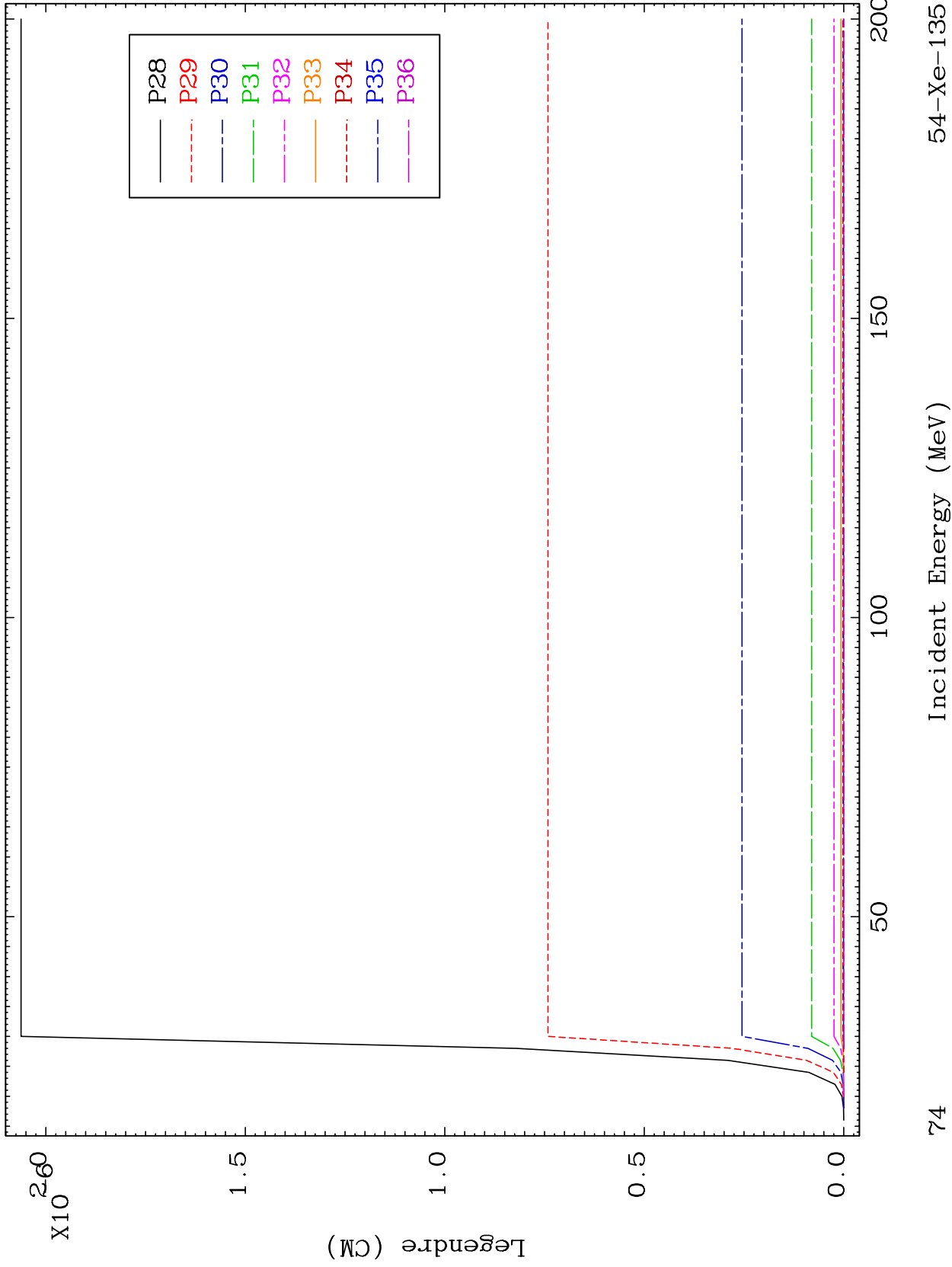
54-Xe-135



MAT 5458

1.894 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



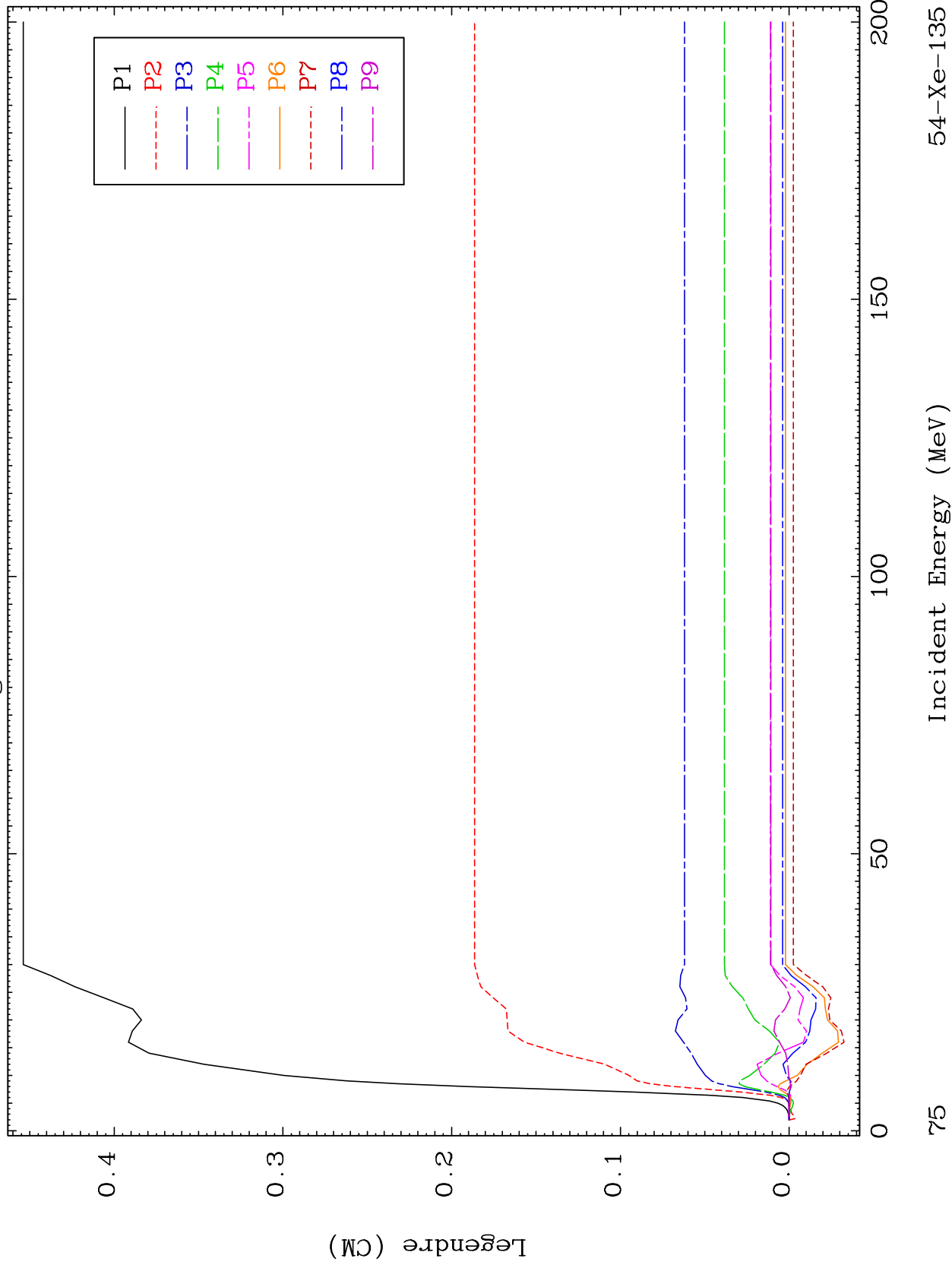
74

54-Xe-135

MAT 5458

1.927 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

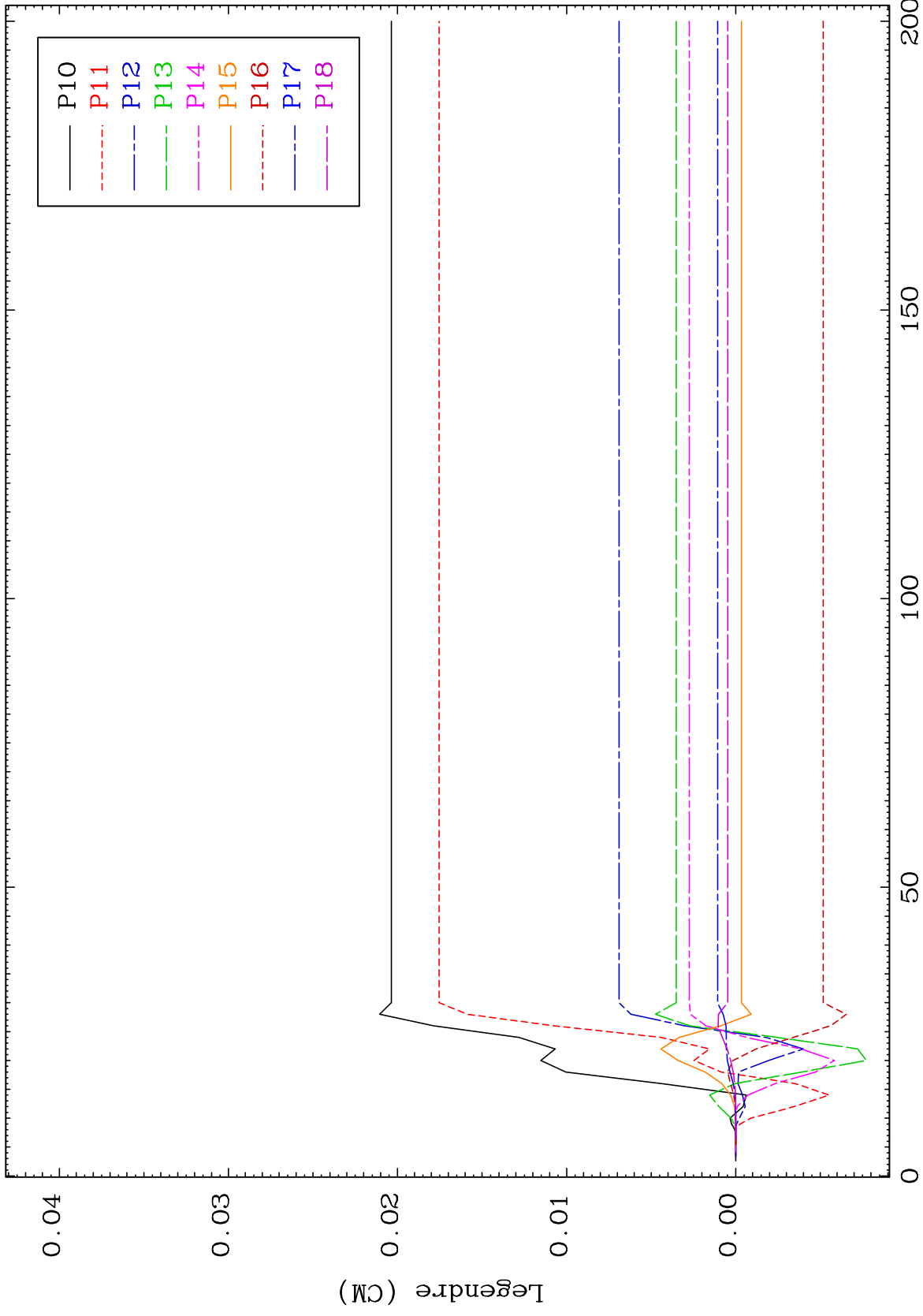
Incident Energy (MeV)

75

MAT 5458

1.927 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



76

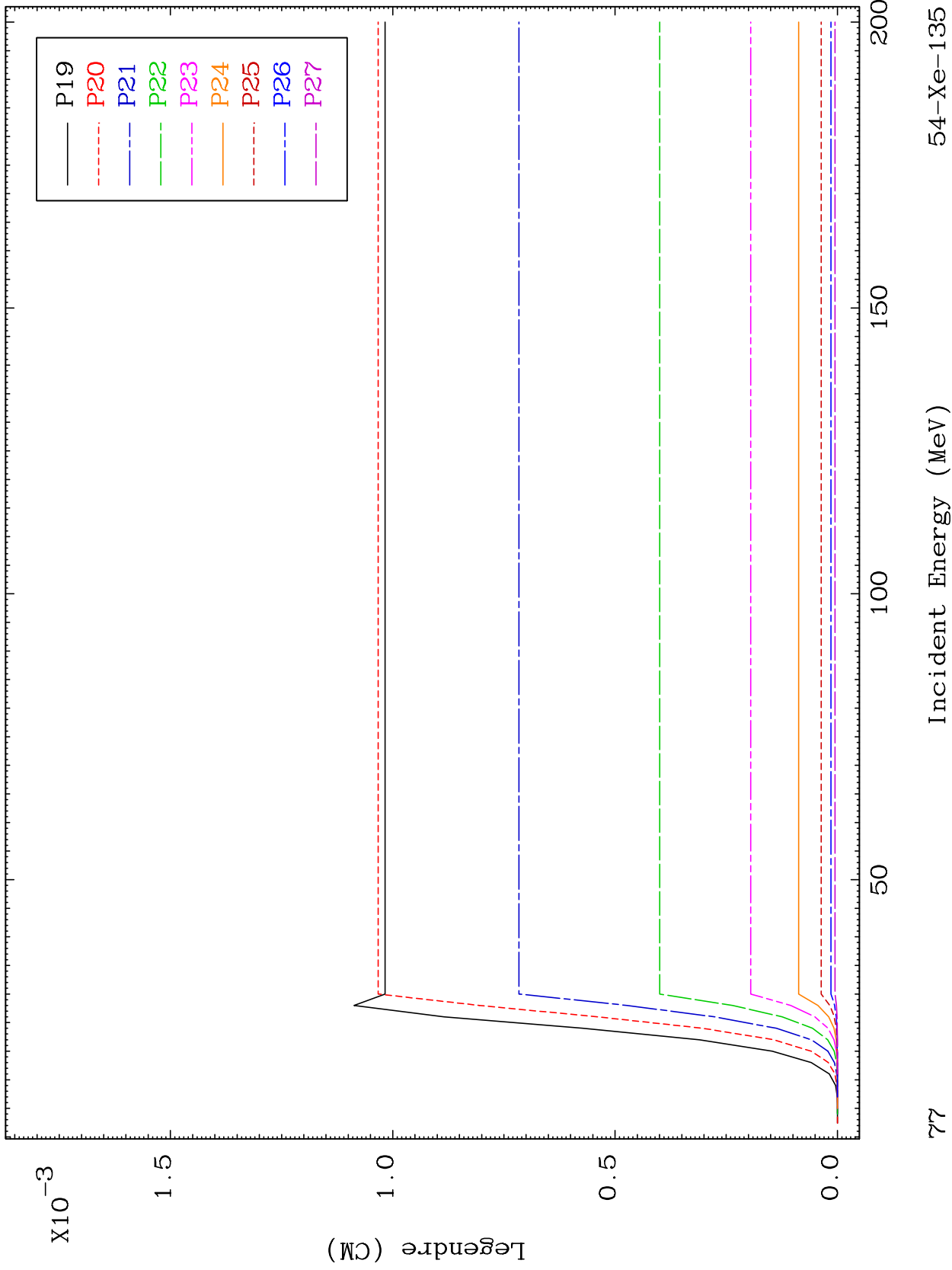
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.927 MeV (n,n') Level
Legendre Coefficients

54-Xe-135

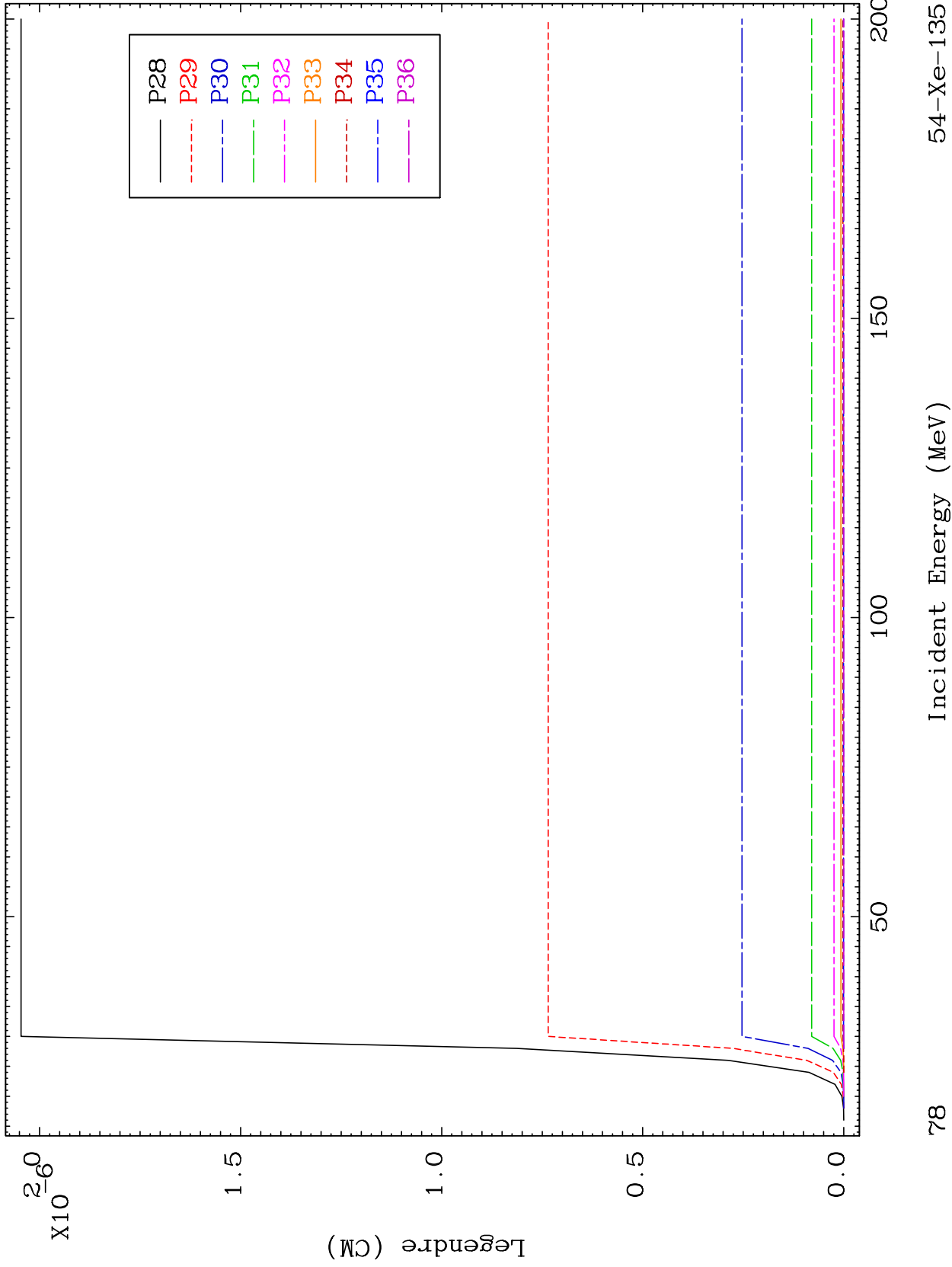


77

MAT 5458

1.927 MeV (n,n') Level
Legendre Coefficients

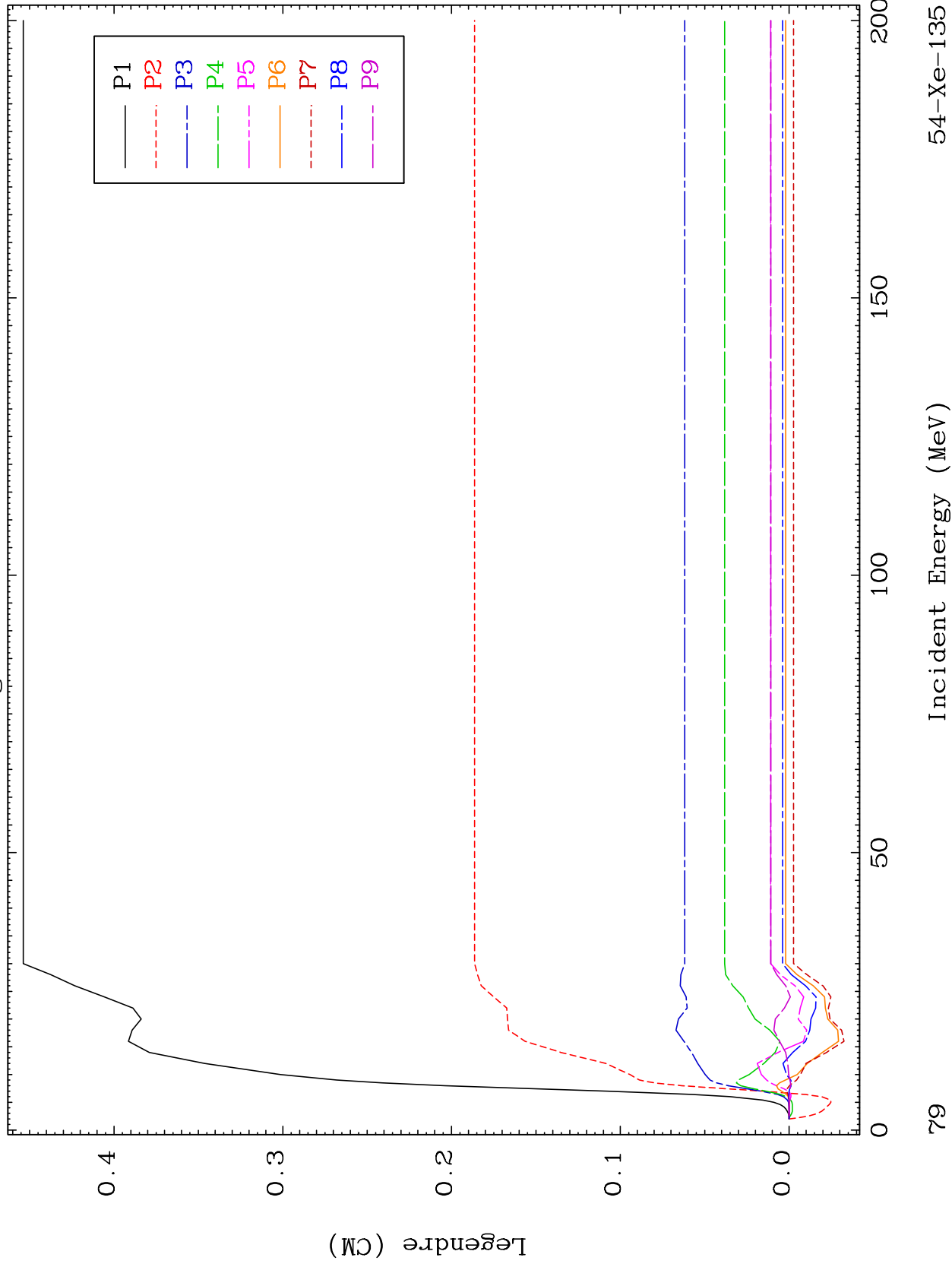
54-Xe-135



MAT 5458

1.968 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



79

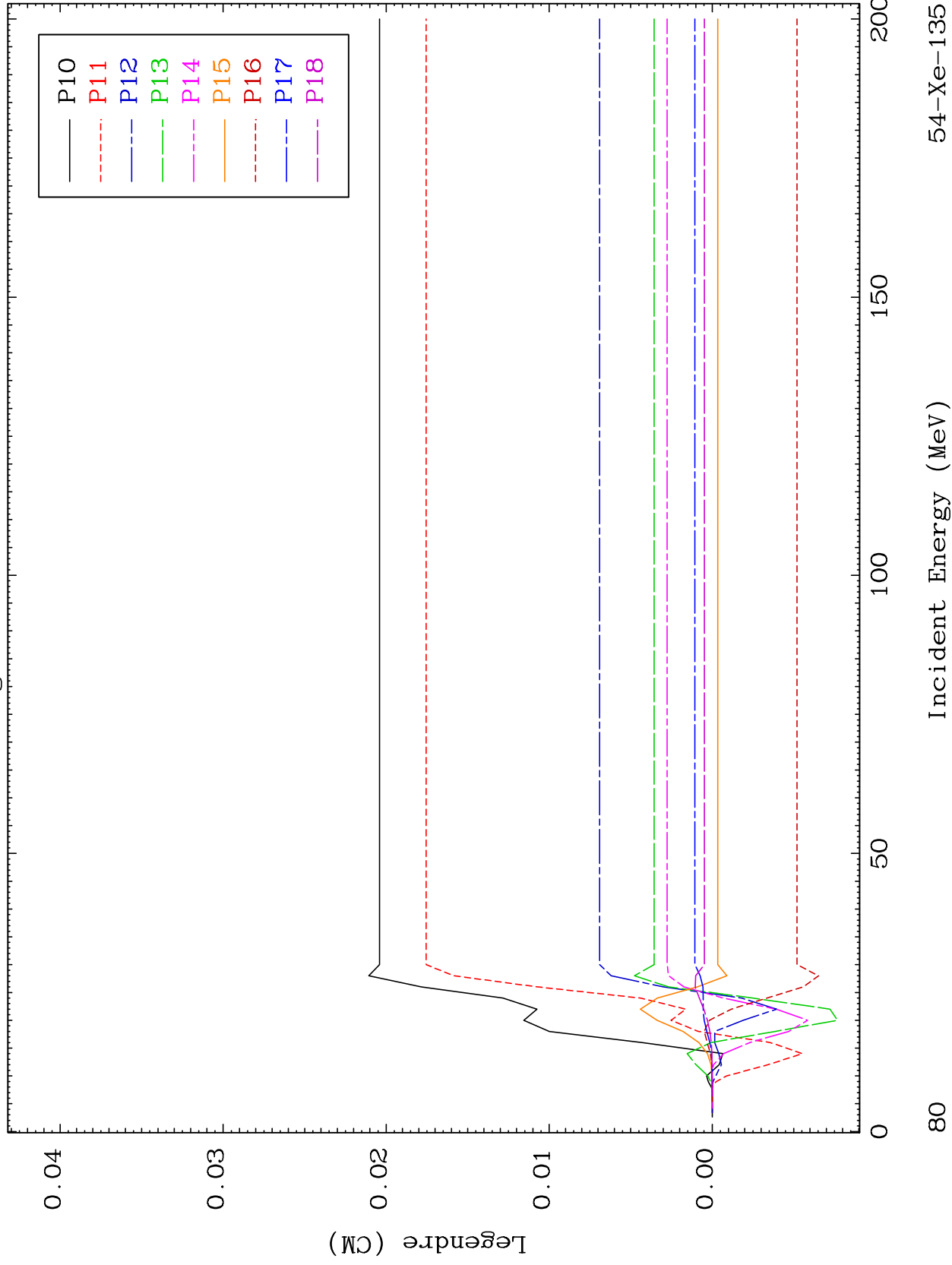
Incident Energy (MeV)

54-Xe-135

MAT 5458

1.968 MeV (n,n') Level
Legendre Coefficients

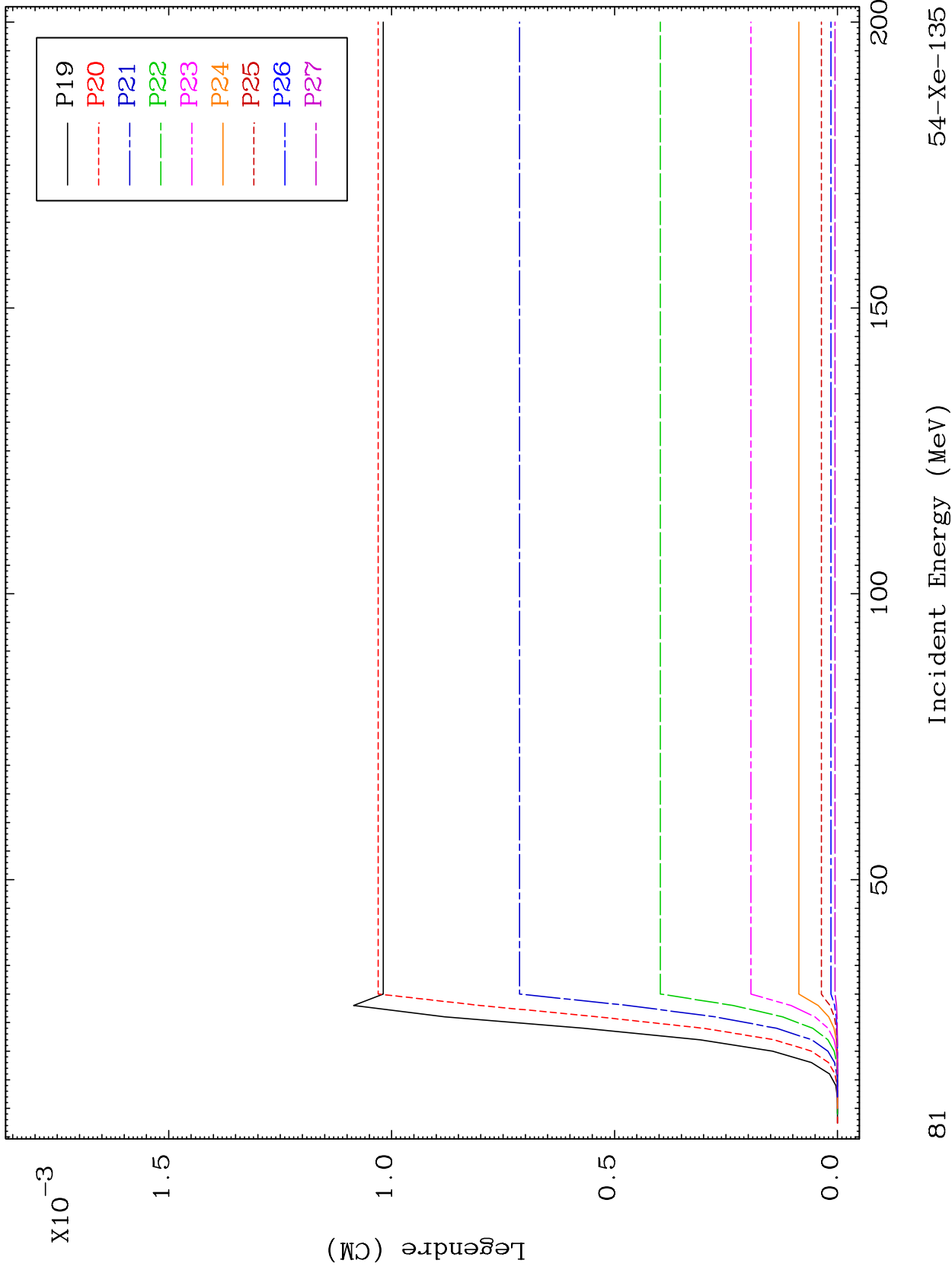
54-Xe-135



54-Xe-135

Incident Energy (MeV)

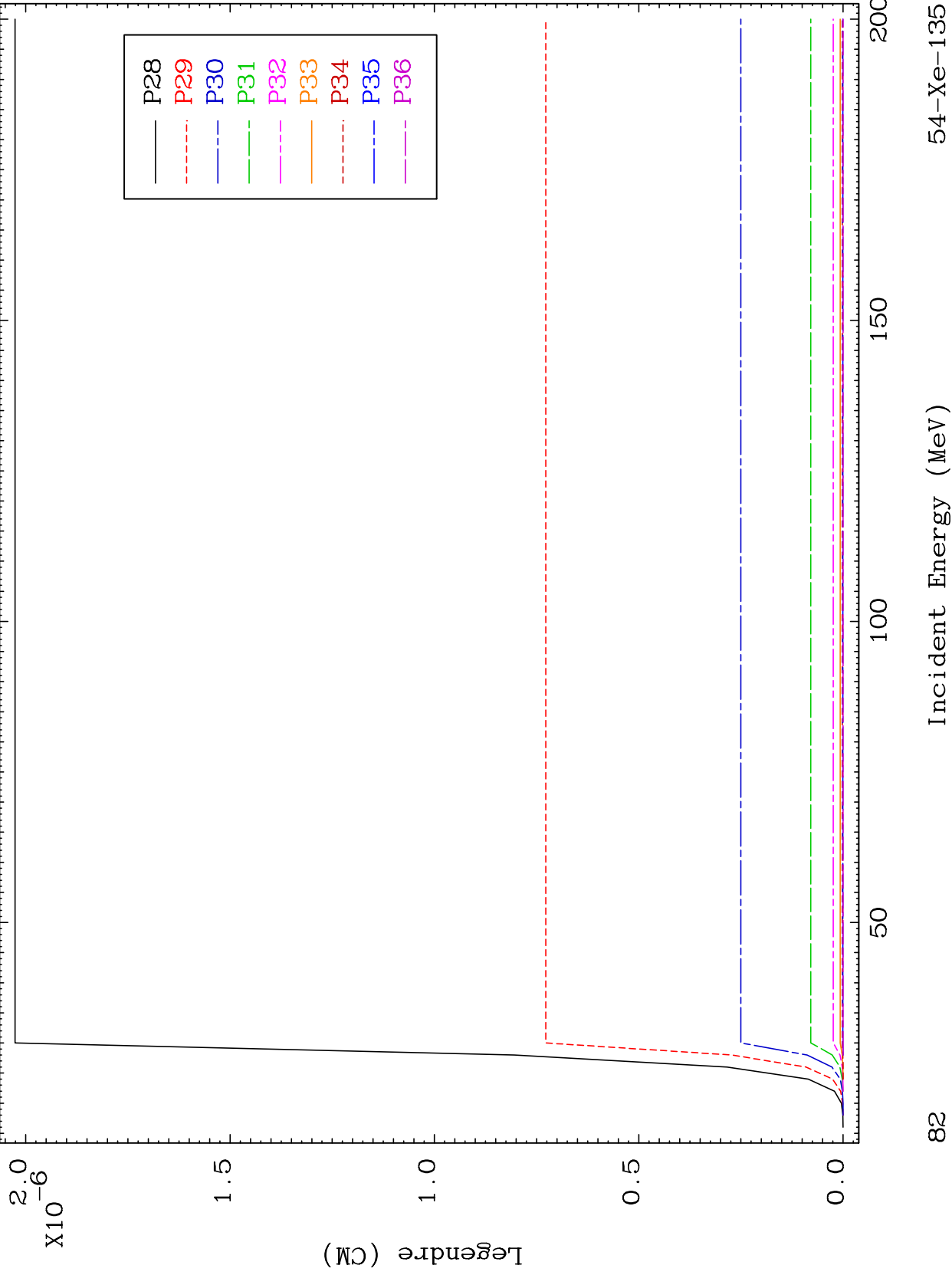
80

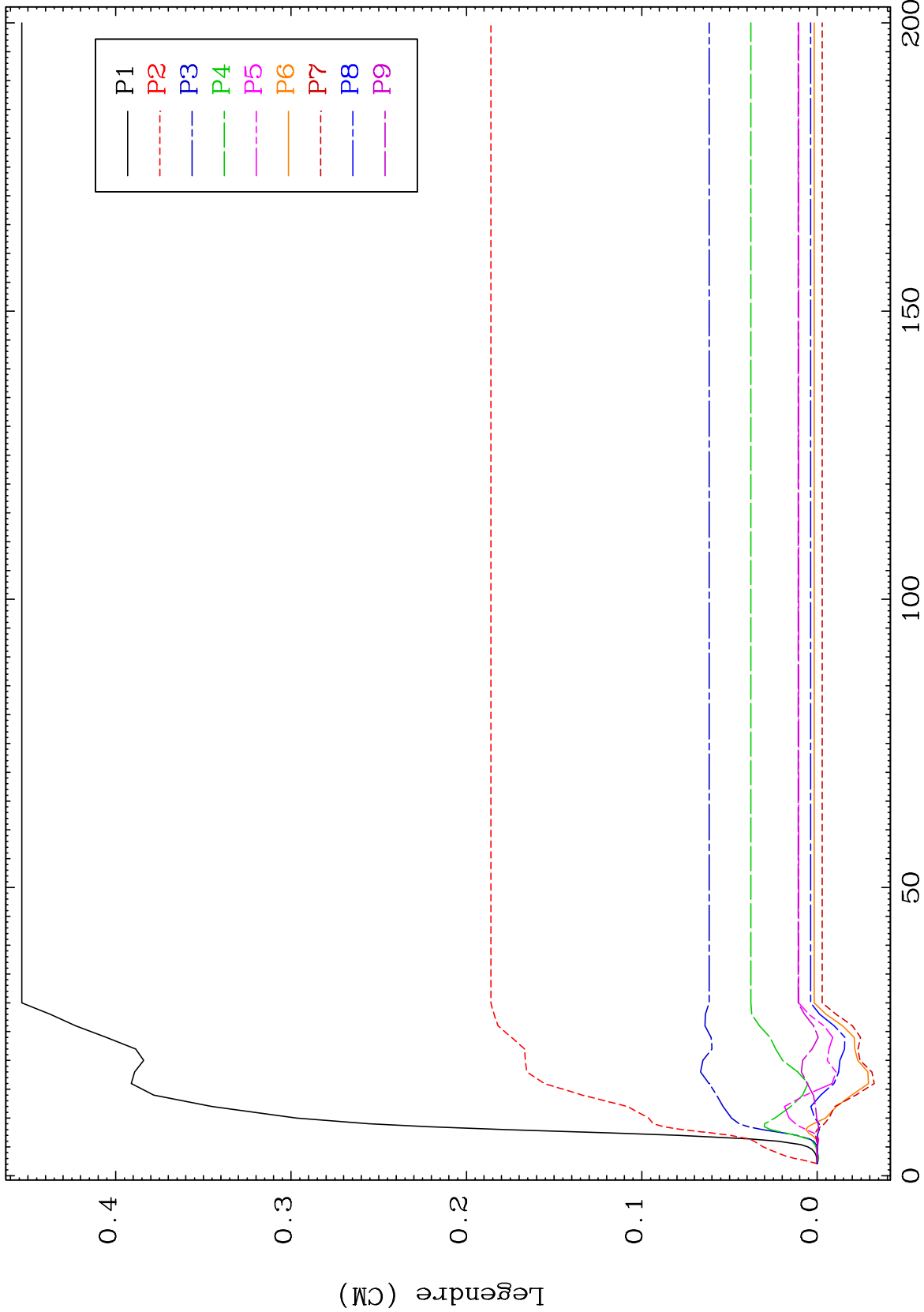


MAT 5458

1.968 MeV (n,n') Level
Legendre Coefficients

54-Xe-135

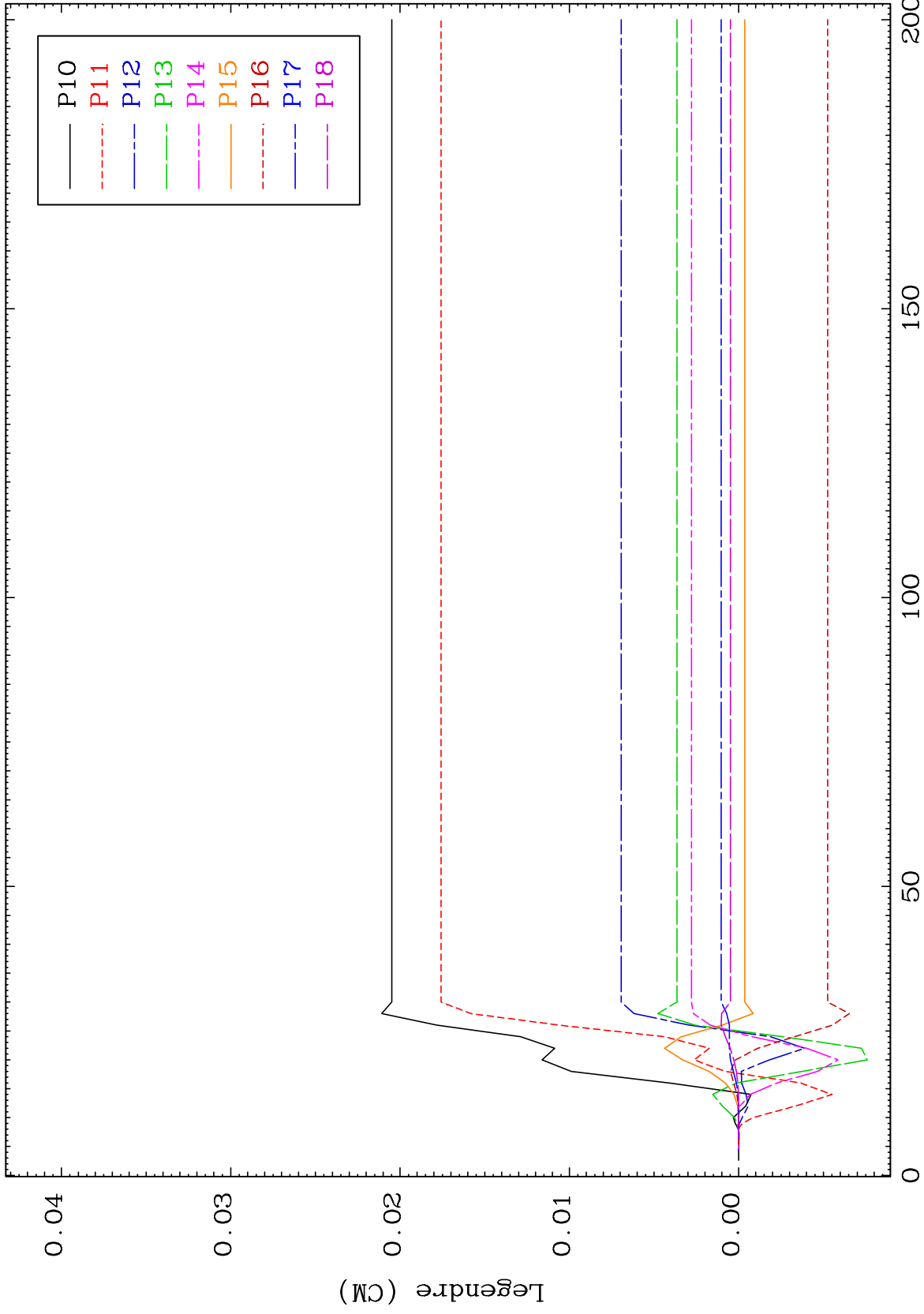




MAT 5458

2.046 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



84

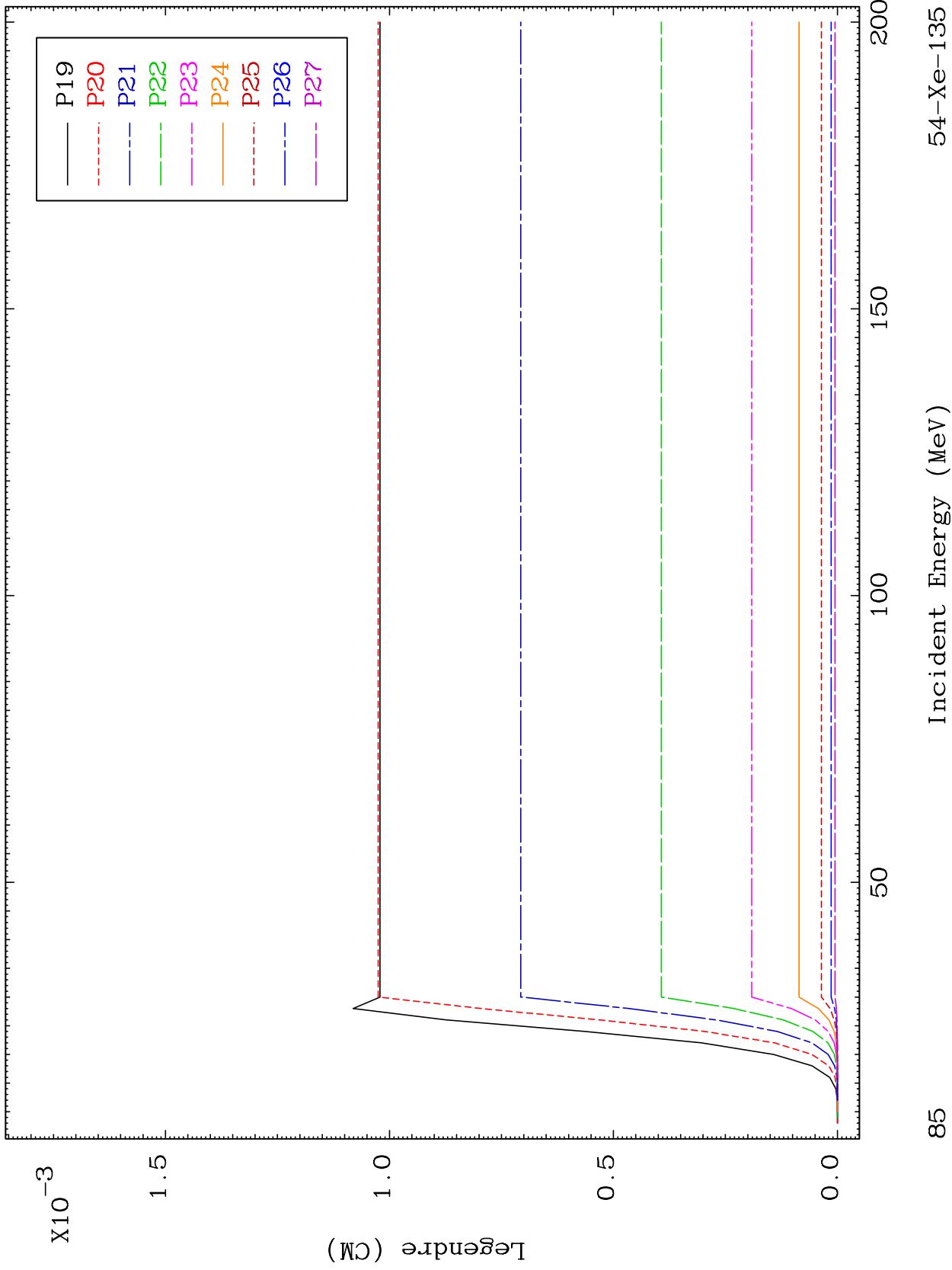
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.046 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



85

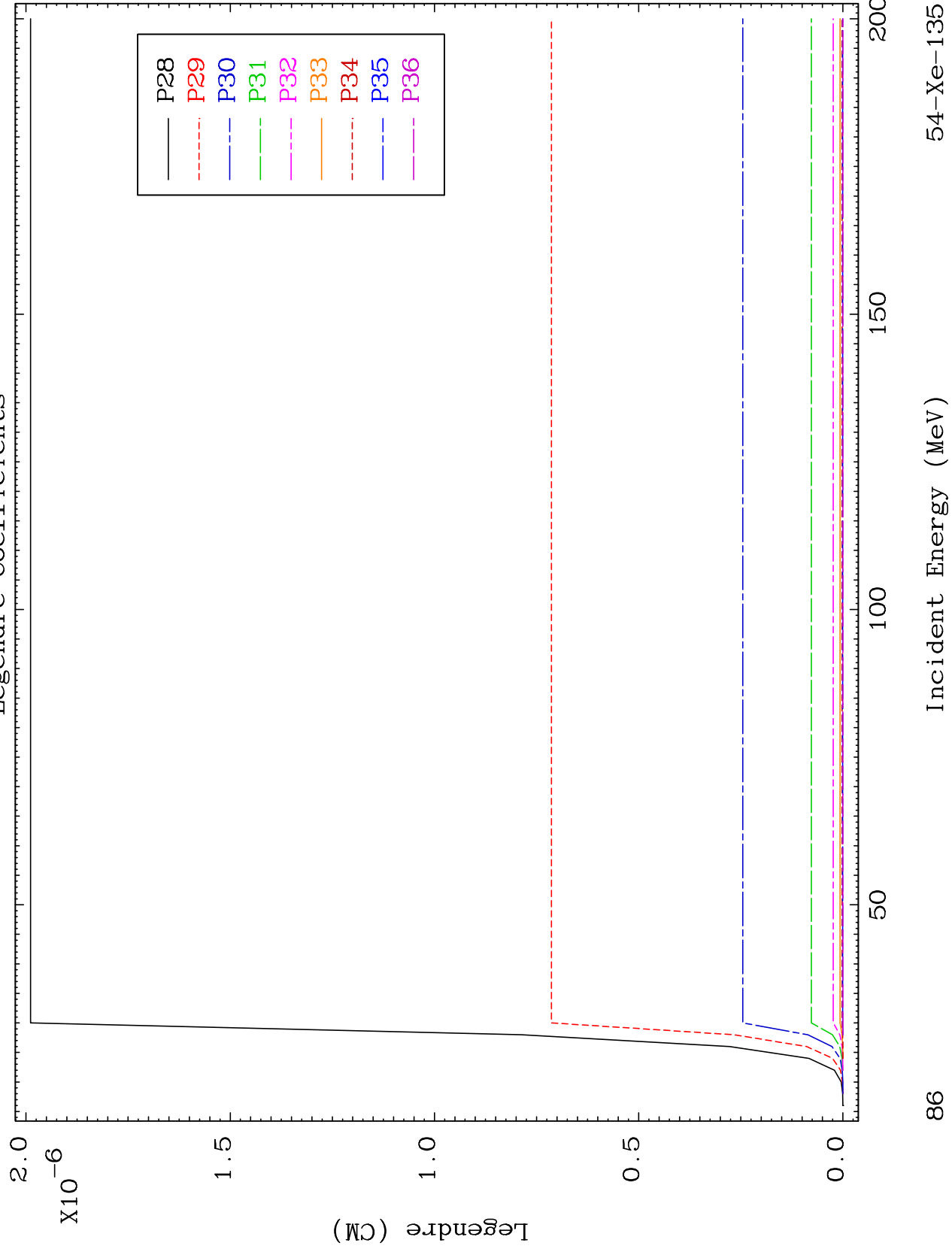
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.046 MeV (n, n') Level
Legendre Coefficients

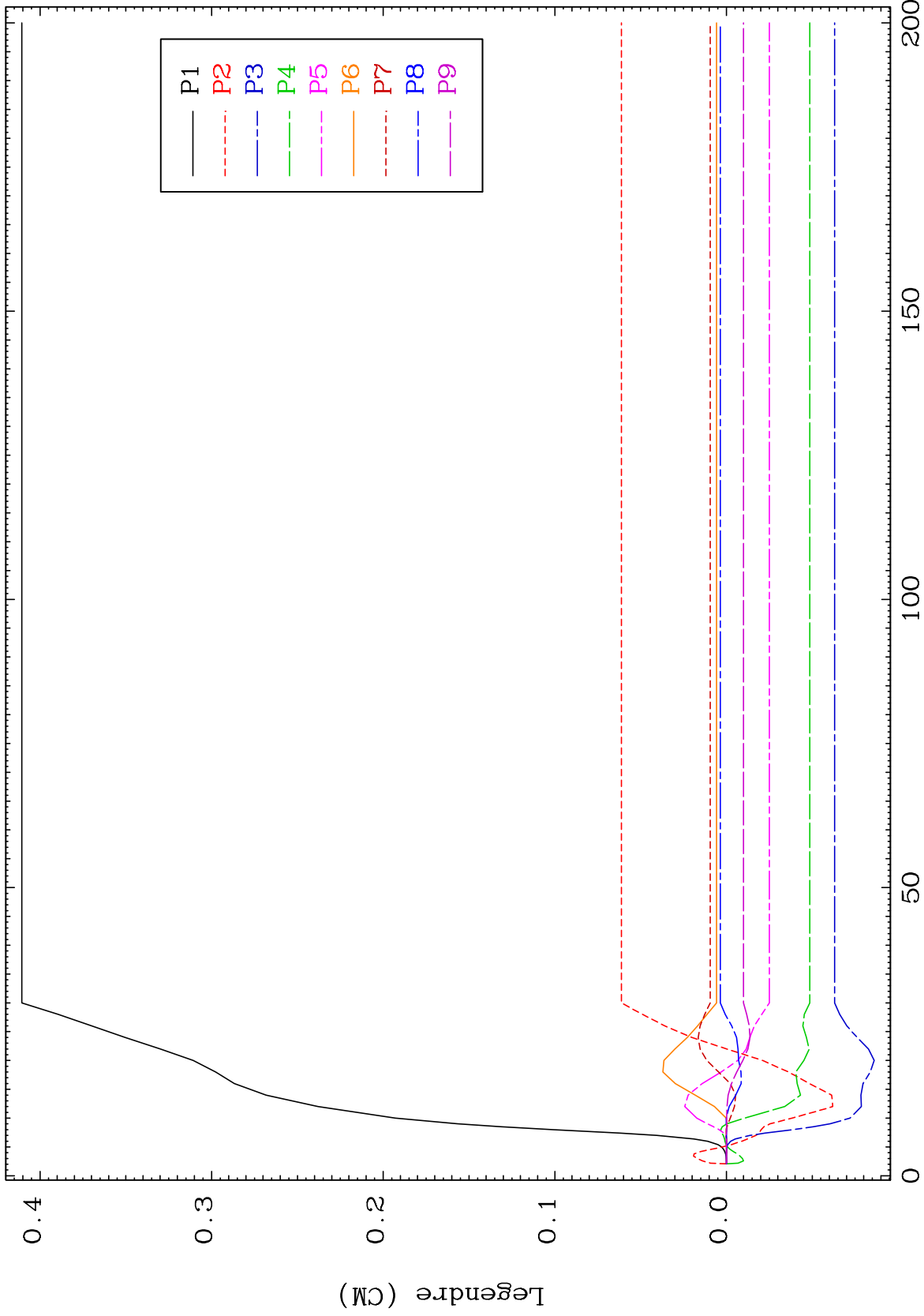
54-Xe-135



MAT 5458

2.049 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



87

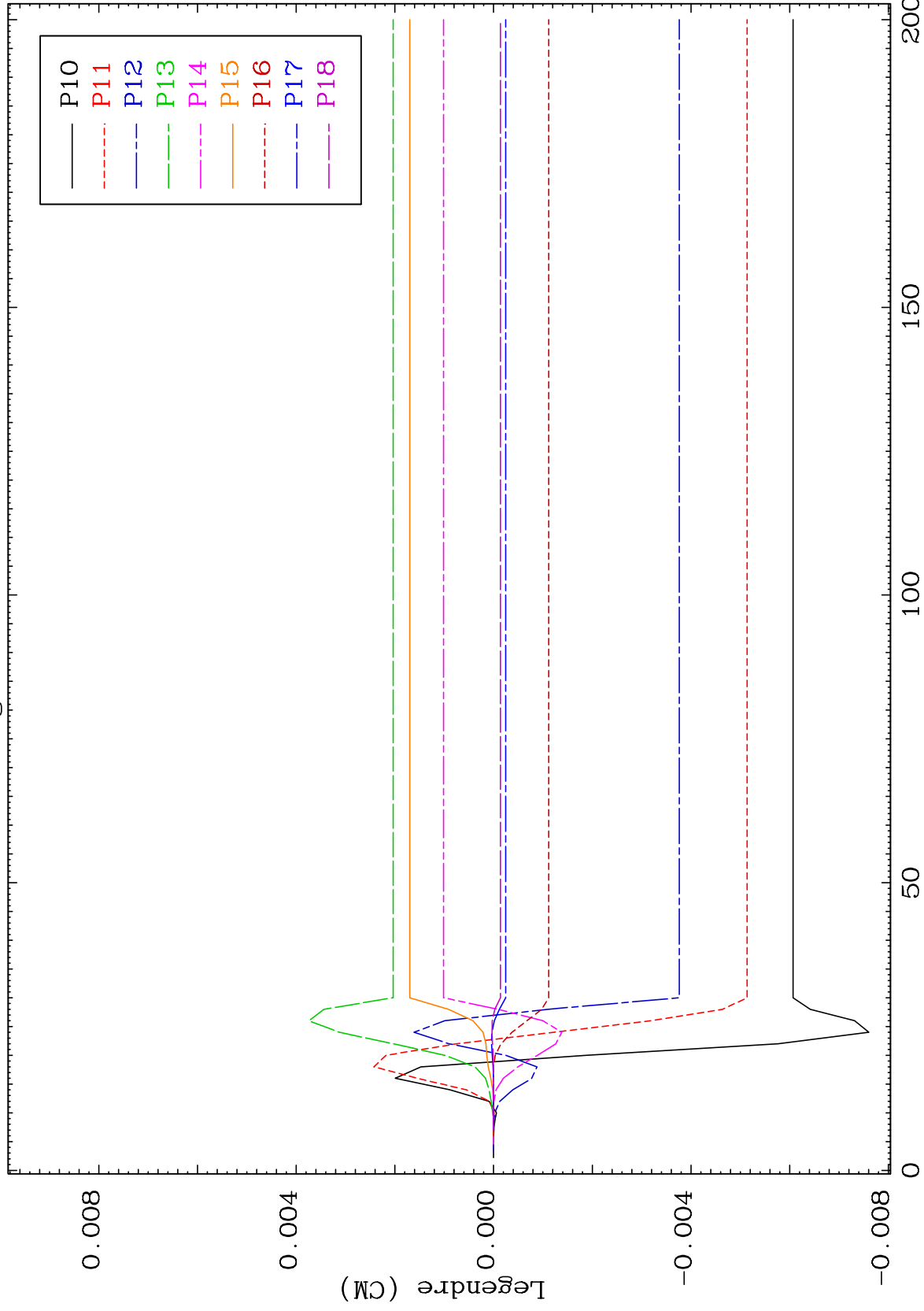
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.049 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



88

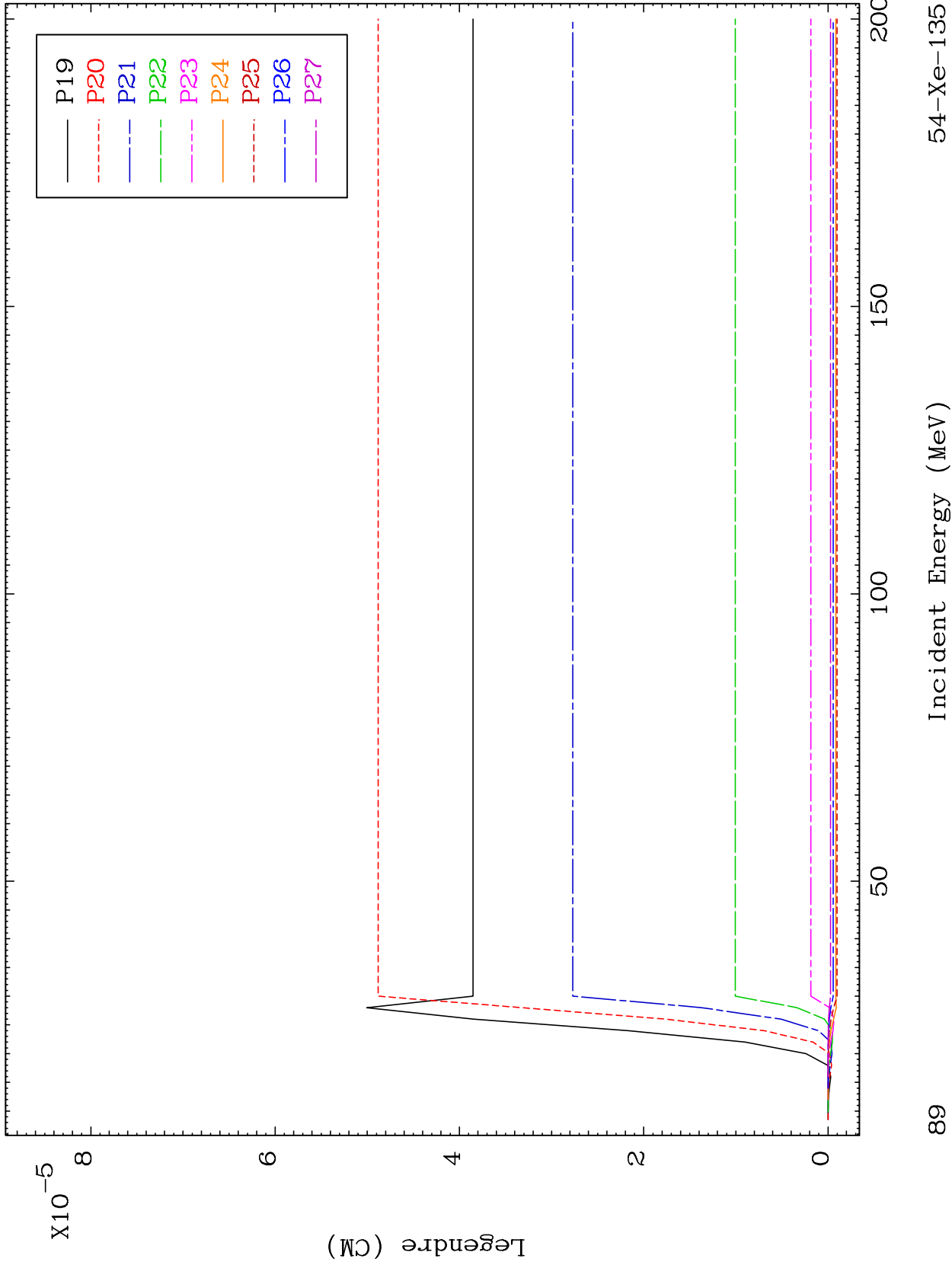
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.049 MeV (n, n') Level
Legendre Coefficients

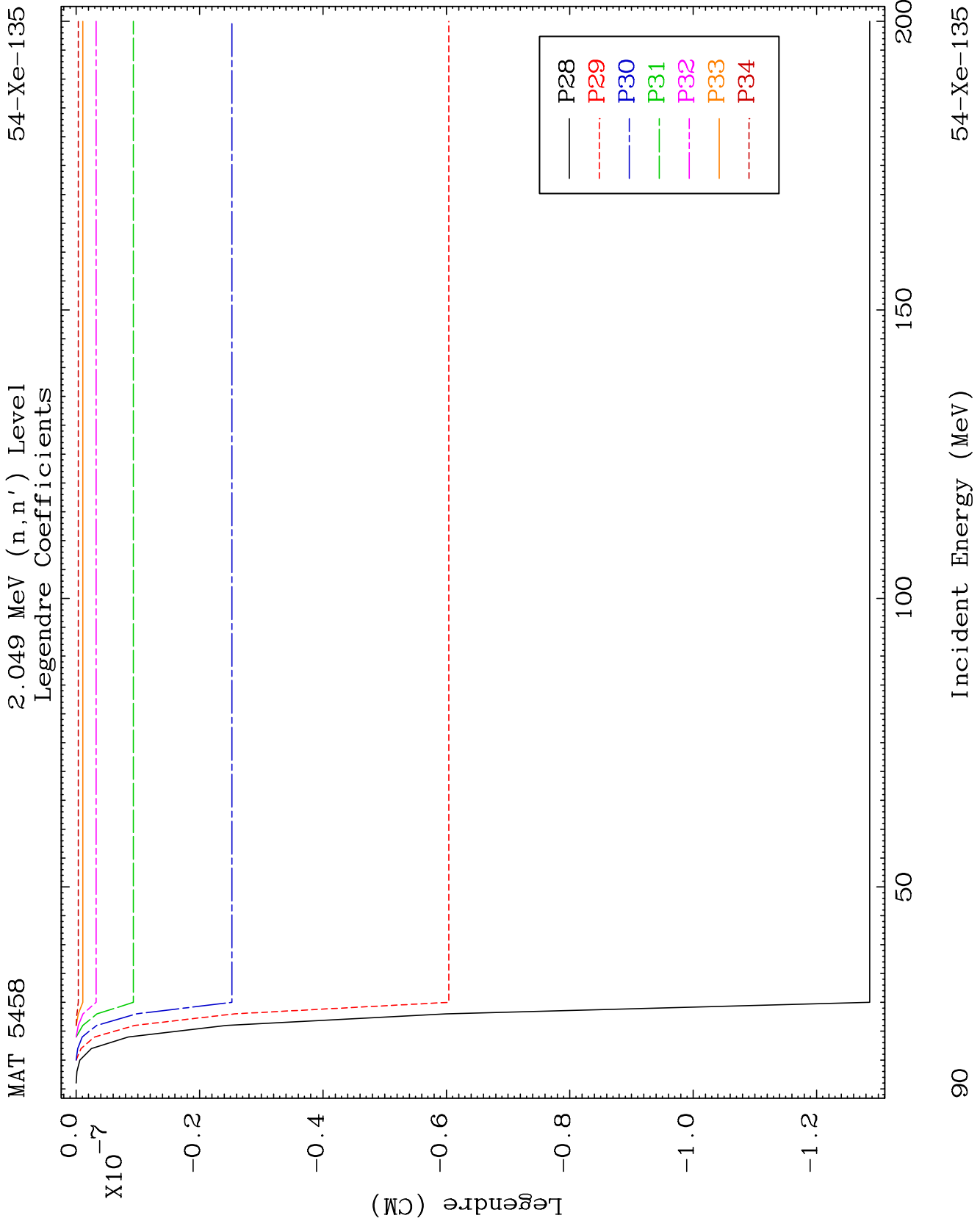
54-Xe-135



89

Incident Energy (MeV)

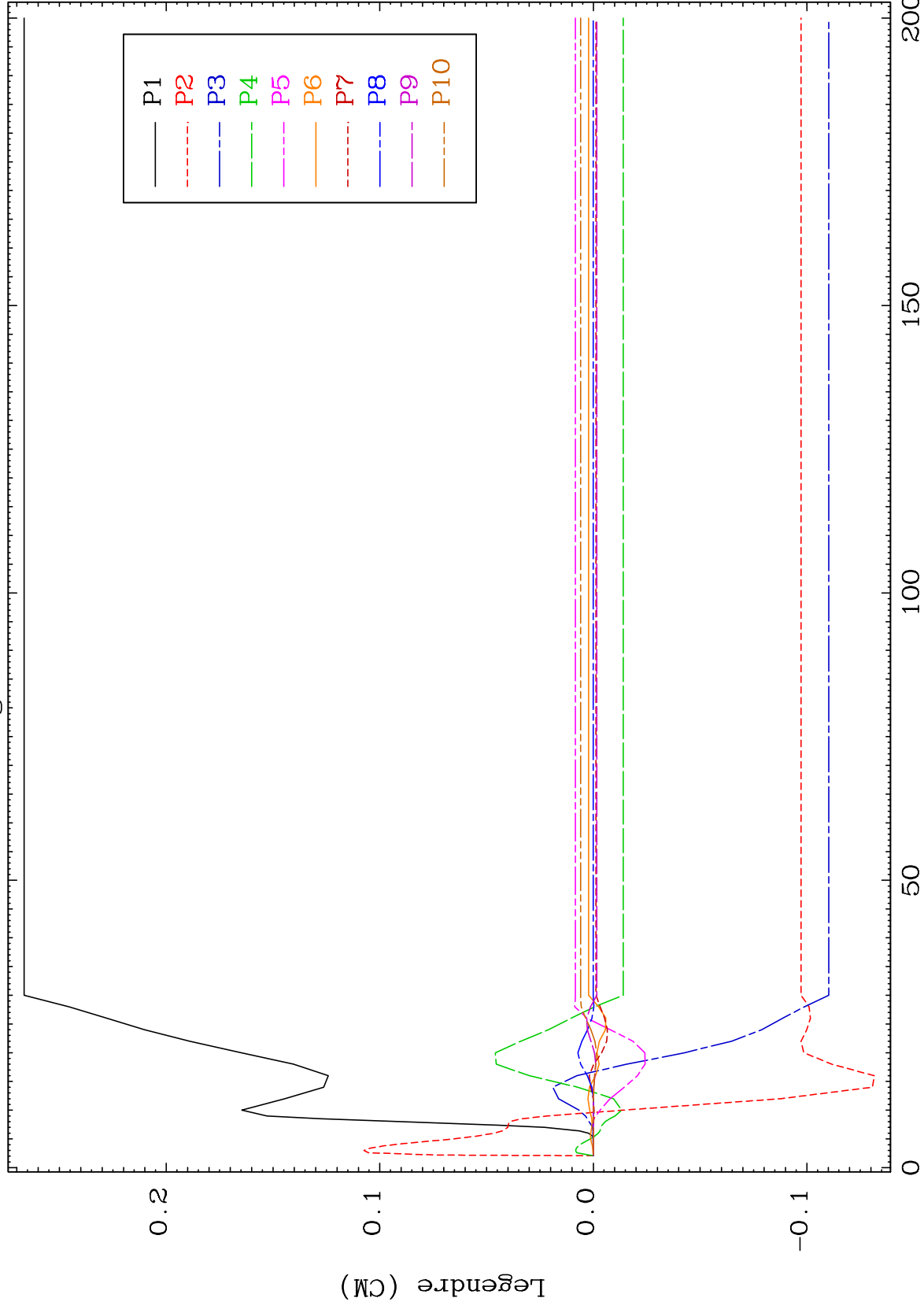
54-Xe-135



MAT 5458

2.058 MeV (n,n') Level
Legendre Coefficients

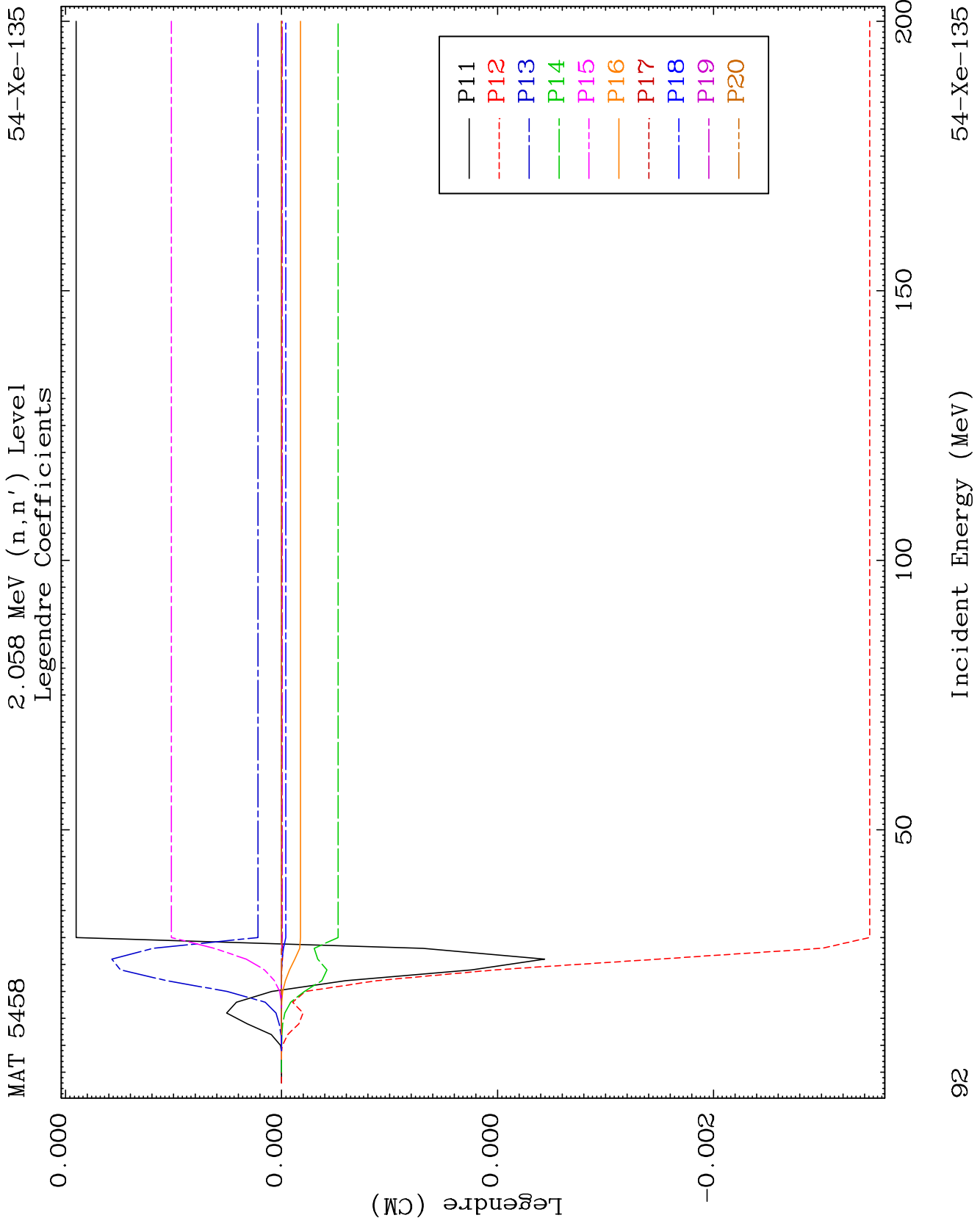
54-Xe-135



91

Incident Energy (MeV)

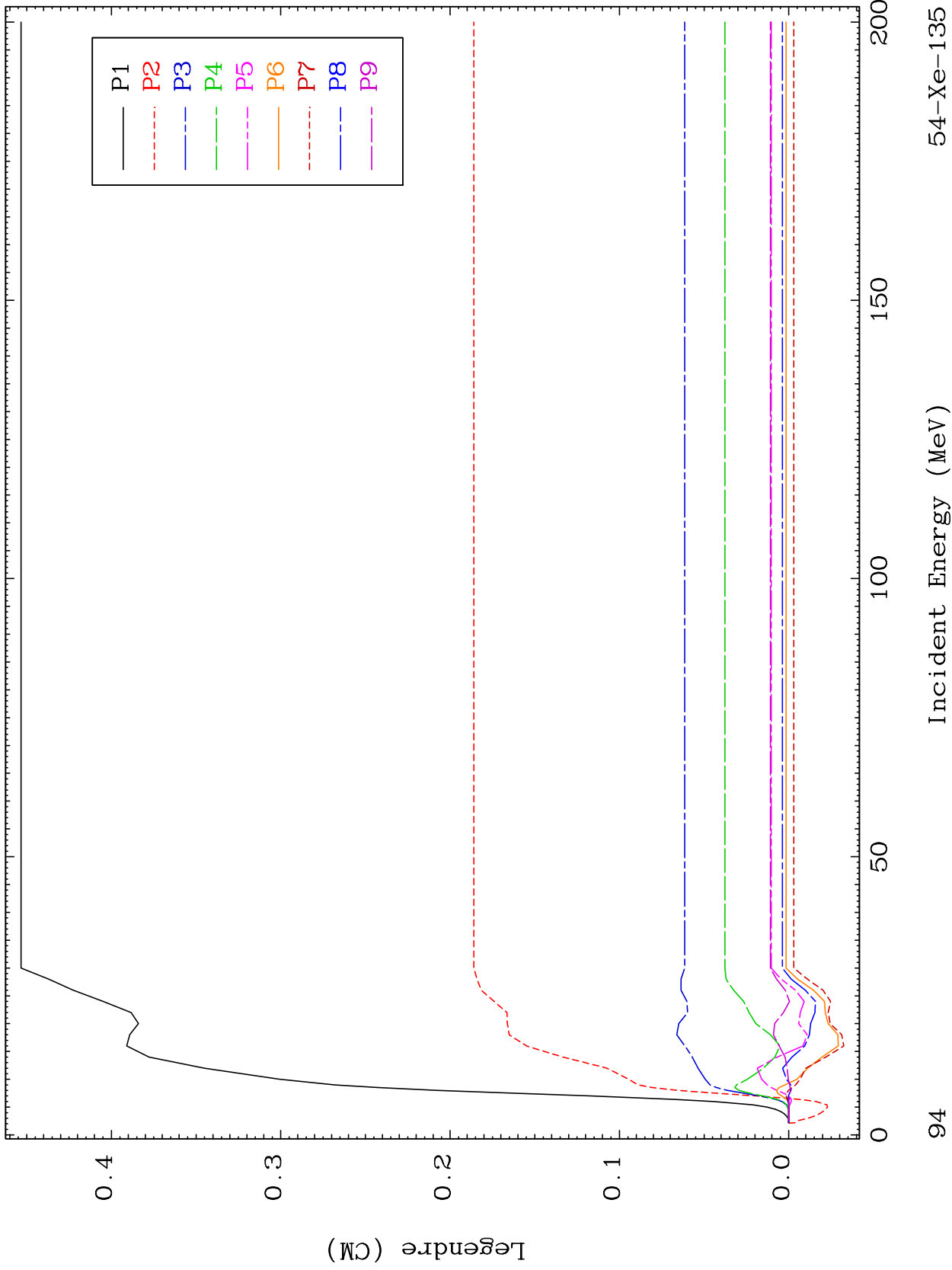
54-Xe-135



MAT 5458

2.093 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



94

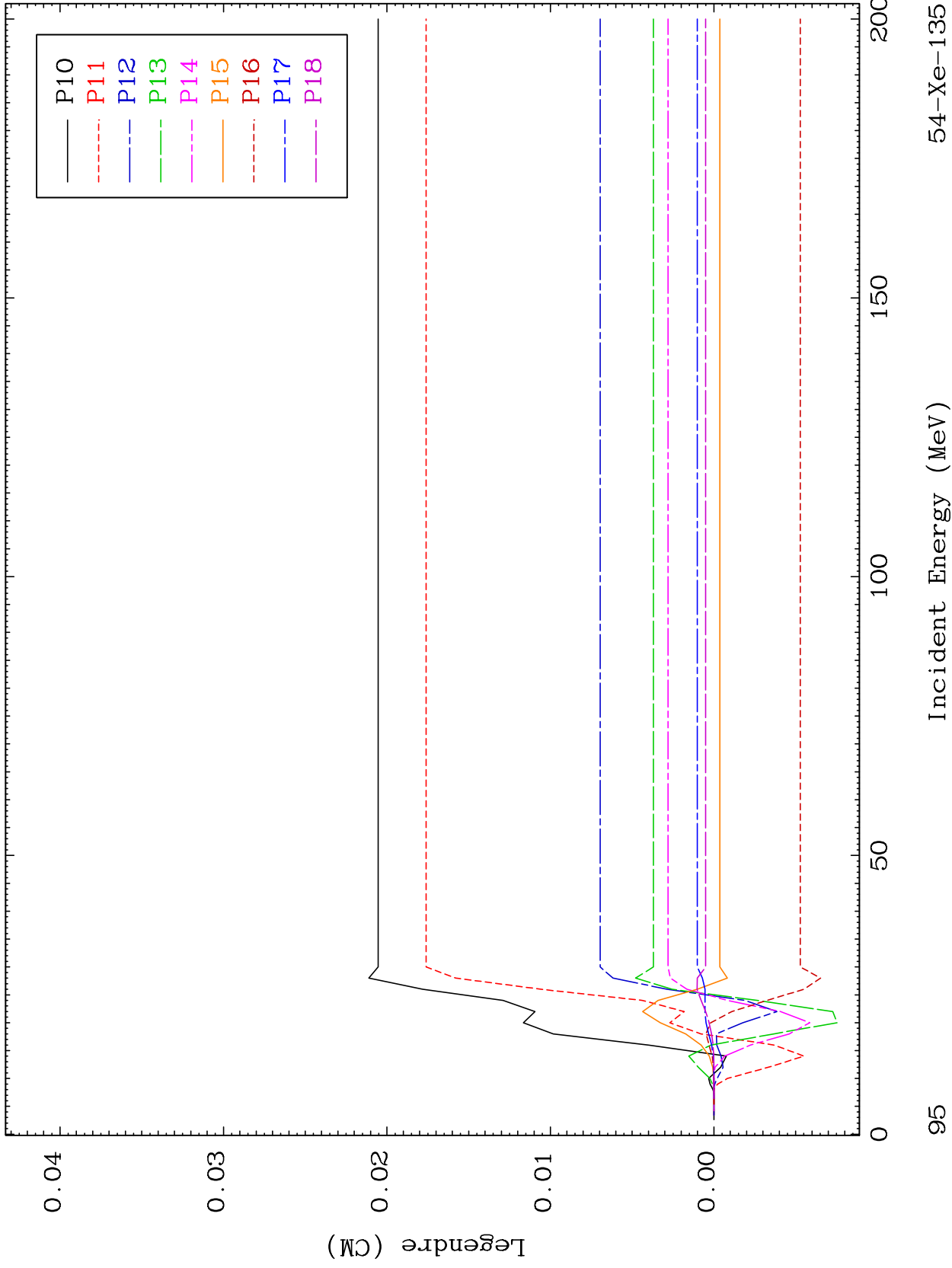
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.093 MeV (n,n') Level
Legendre Coefficients

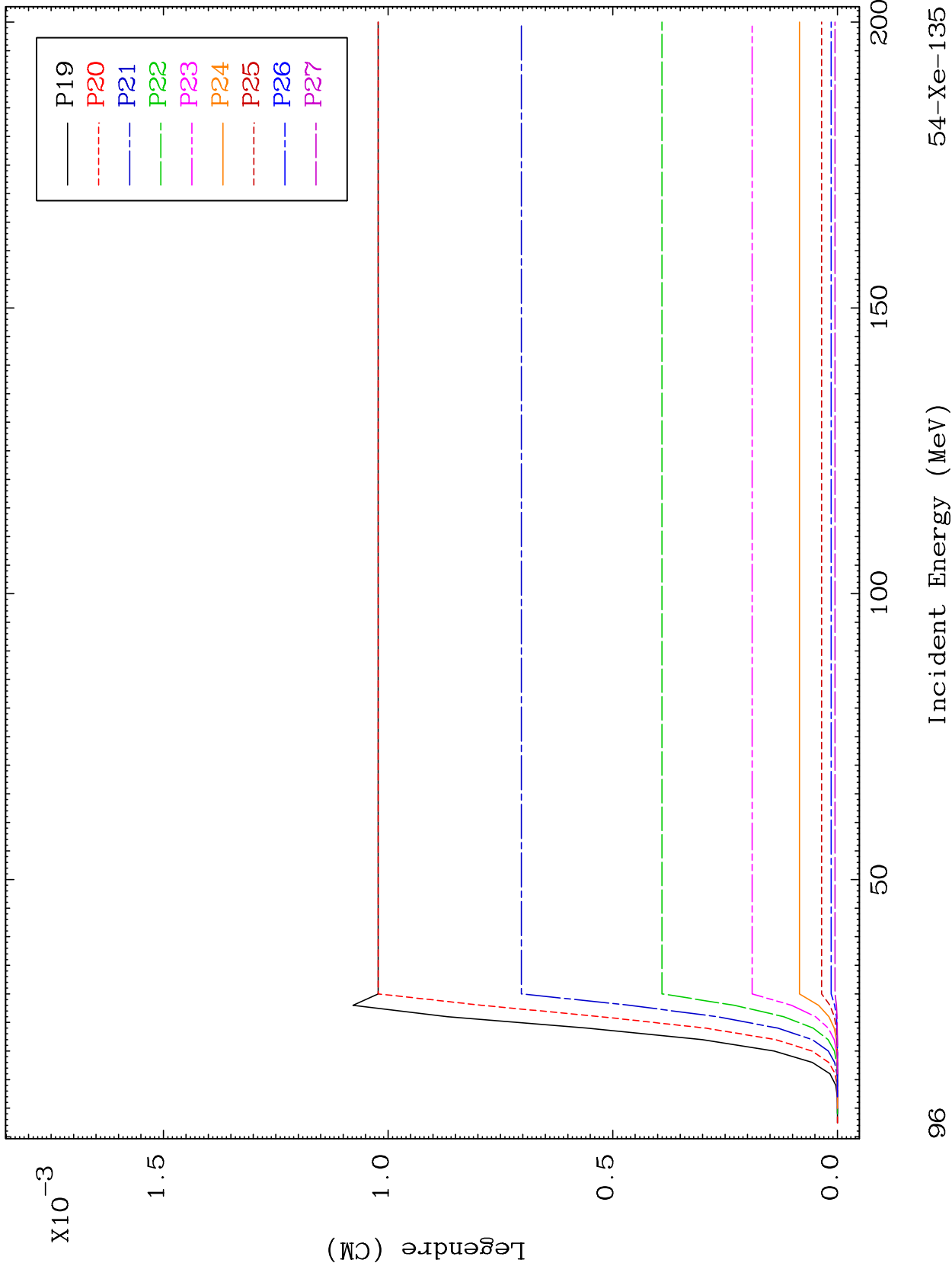
54-Xe-135

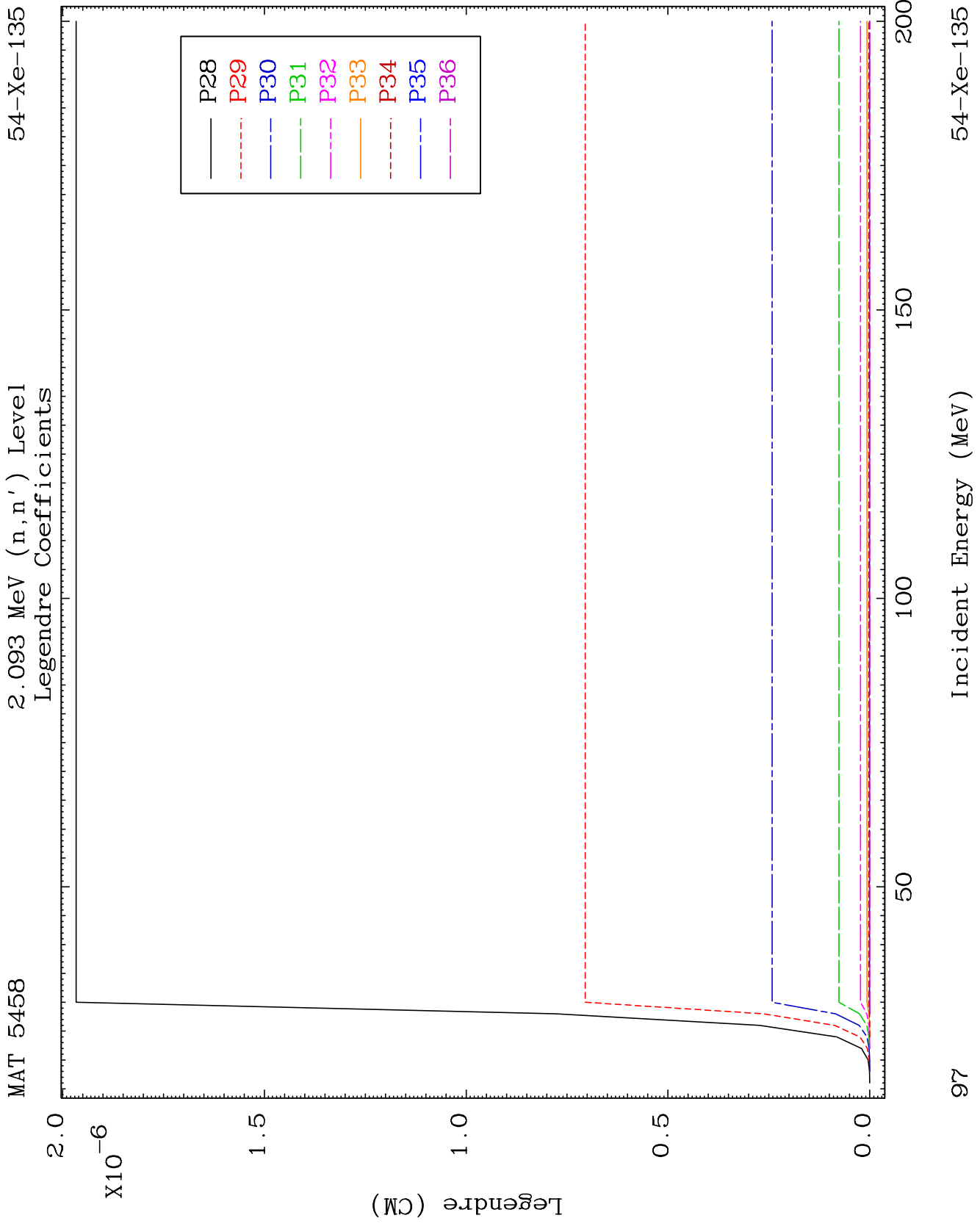


54-Xe-135

Incident Energy (MeV)

95

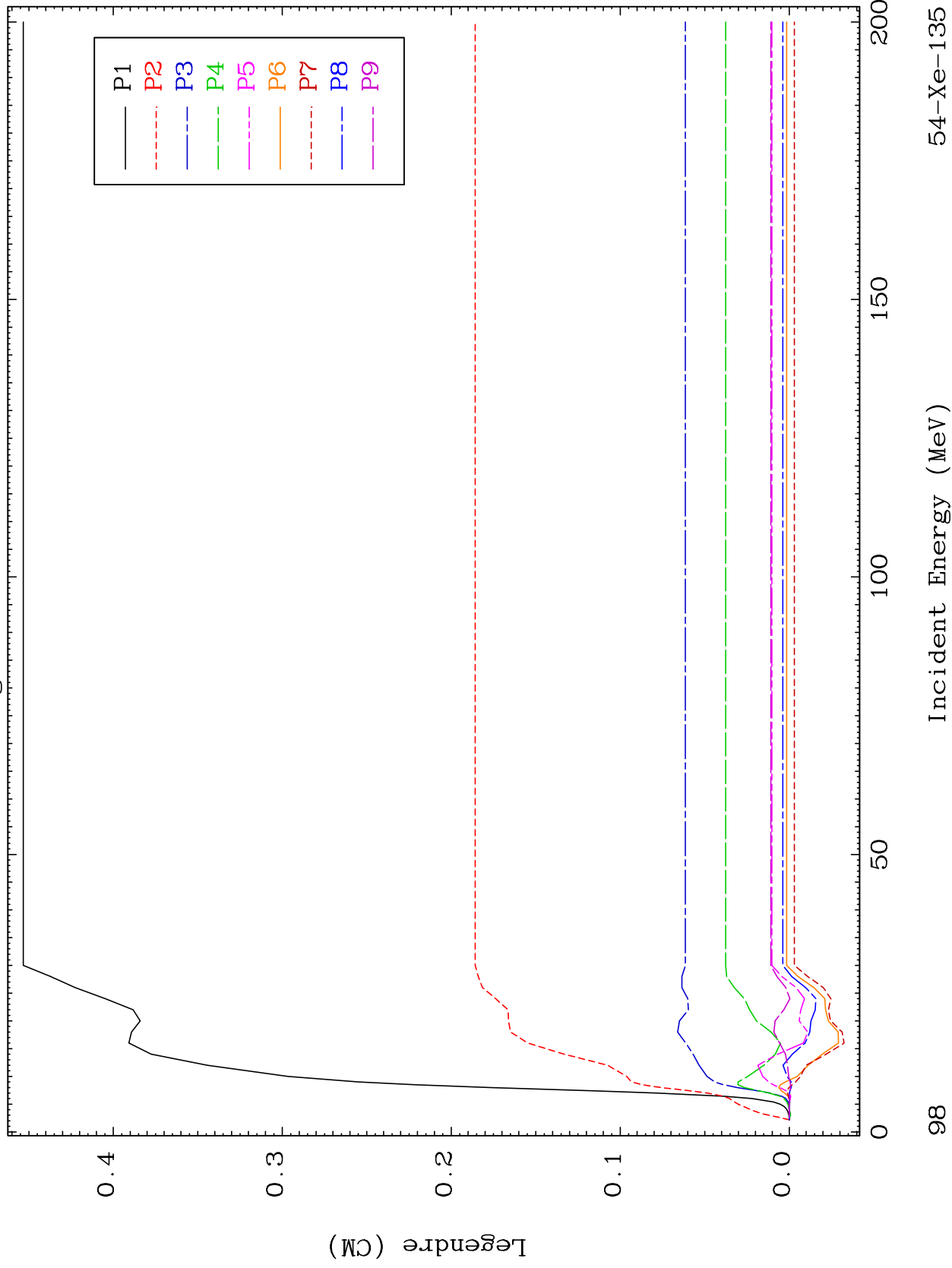




MAT 5458

2.112 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

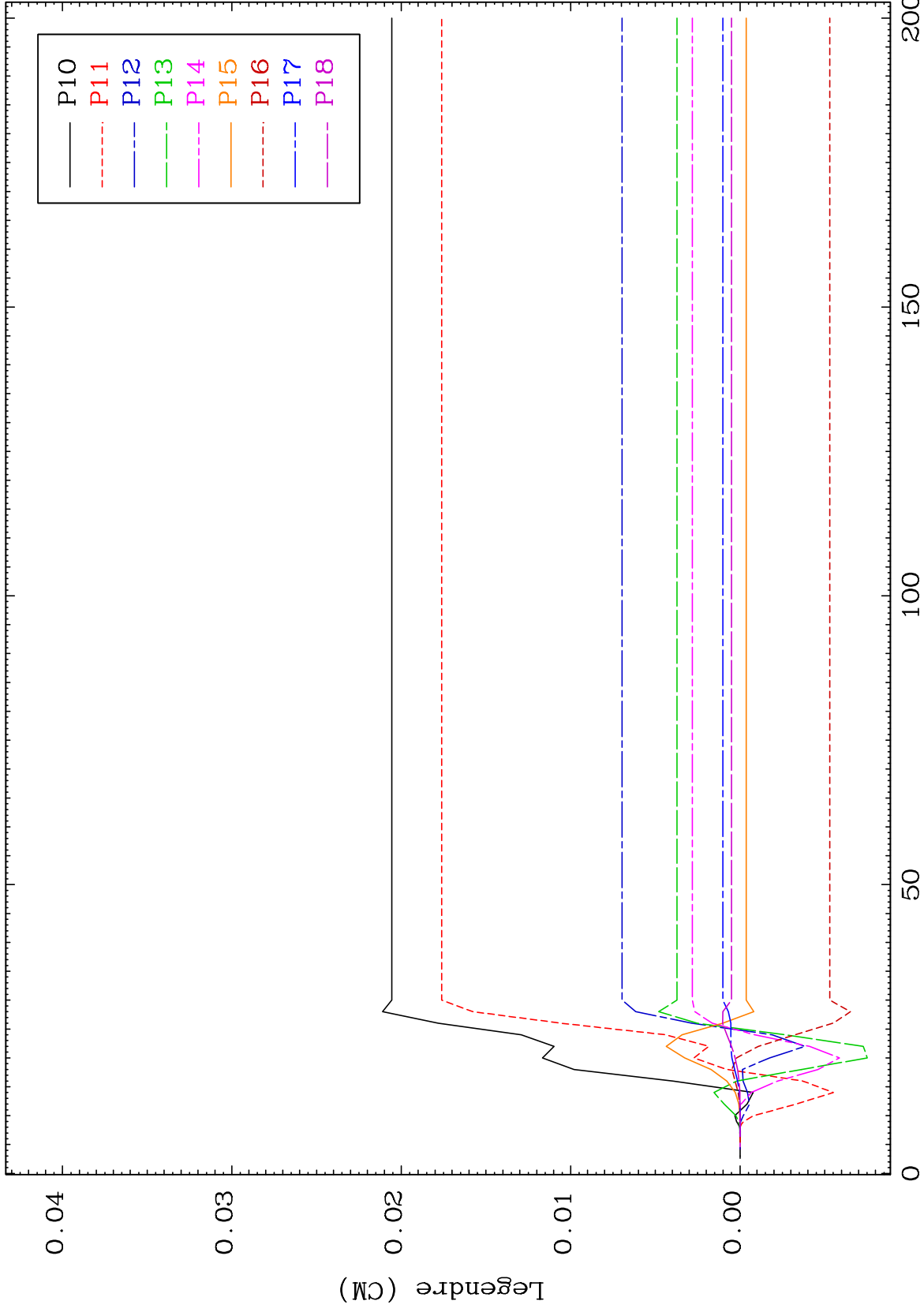
Incident Energy (MeV)

98

MAT 5458

2.112 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



99

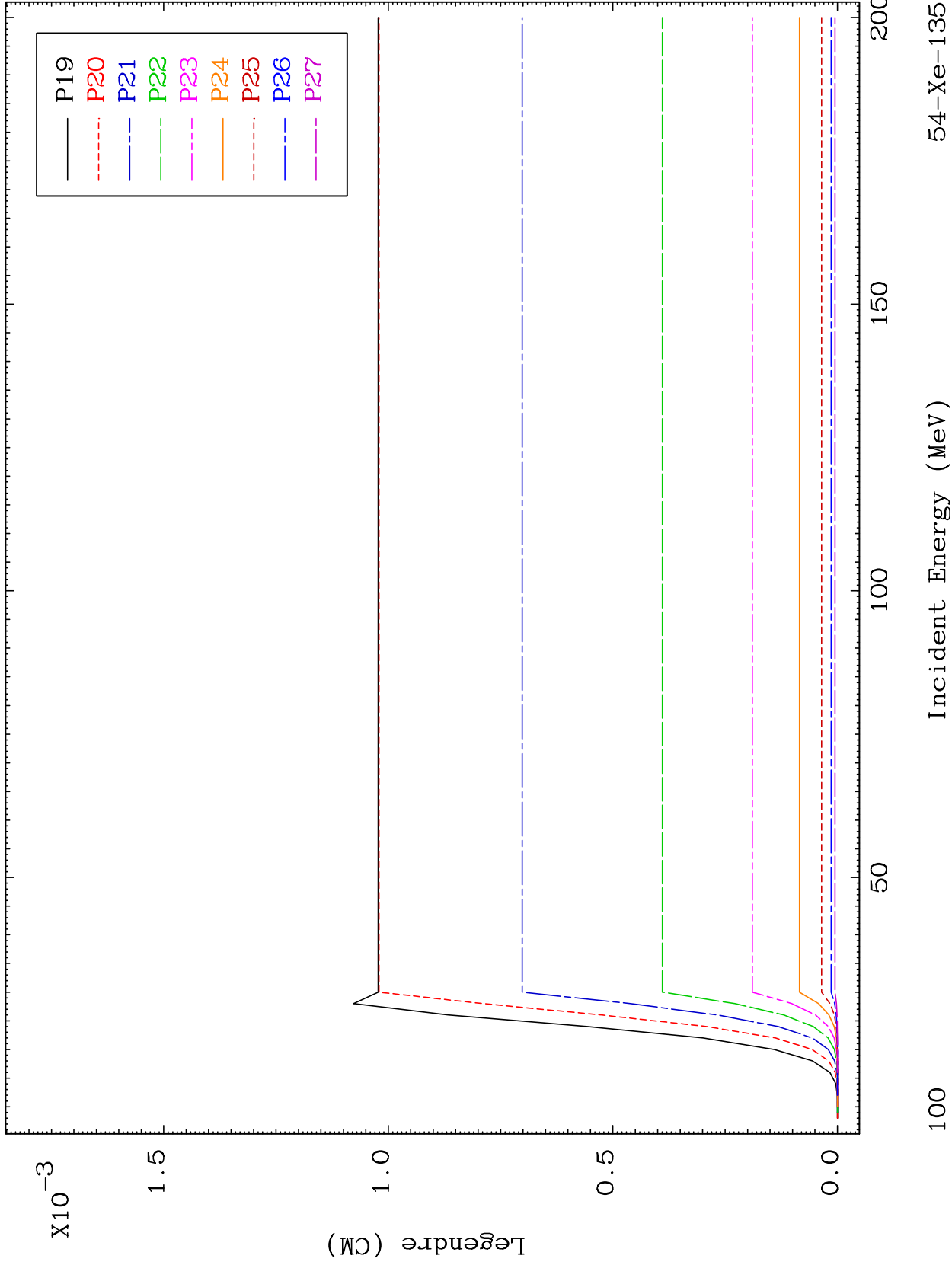
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.112 MeV (n,n') Level
Legendre Coefficients

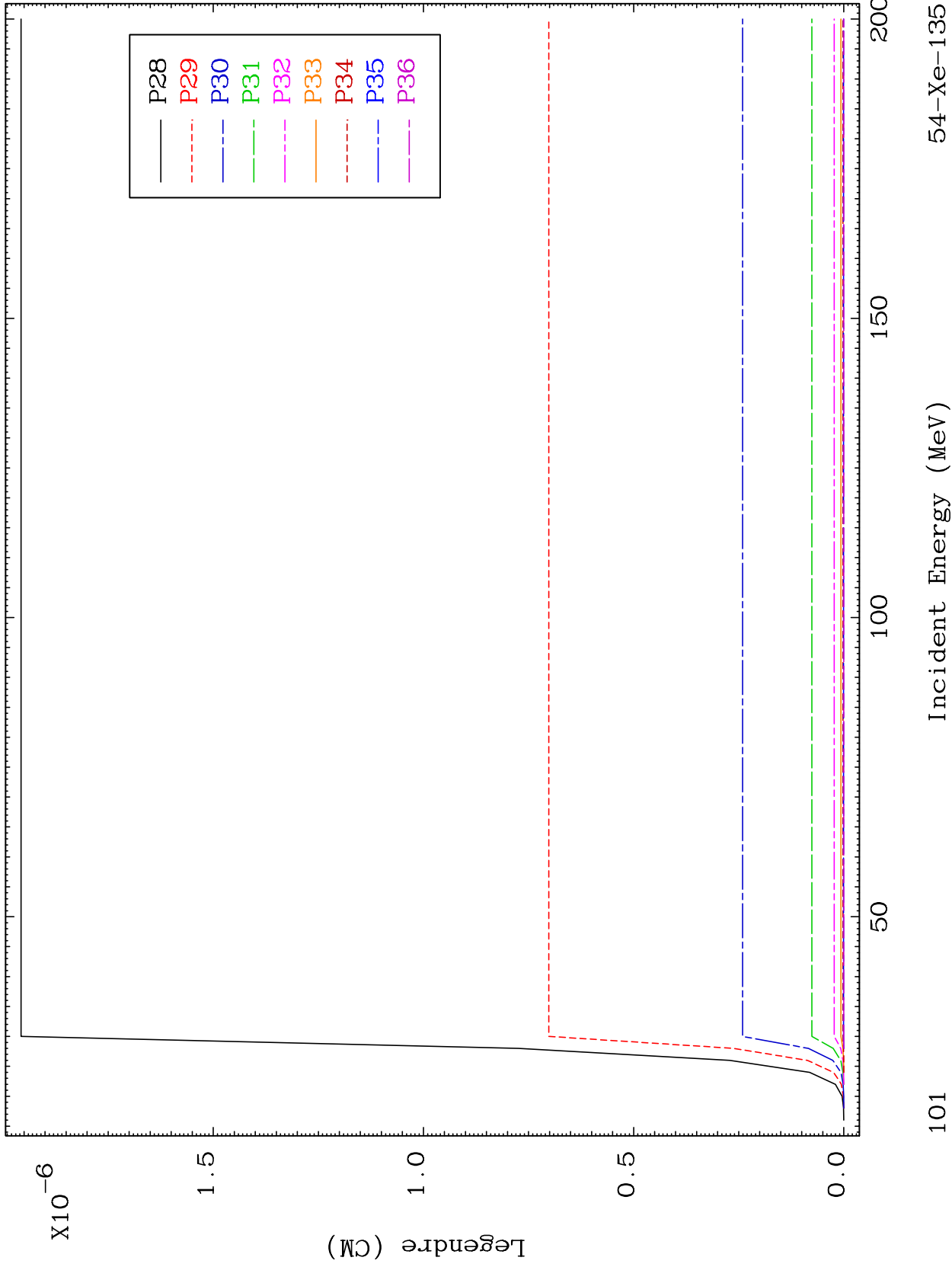
54-Xe-135



MAT 5458

2.112 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



101

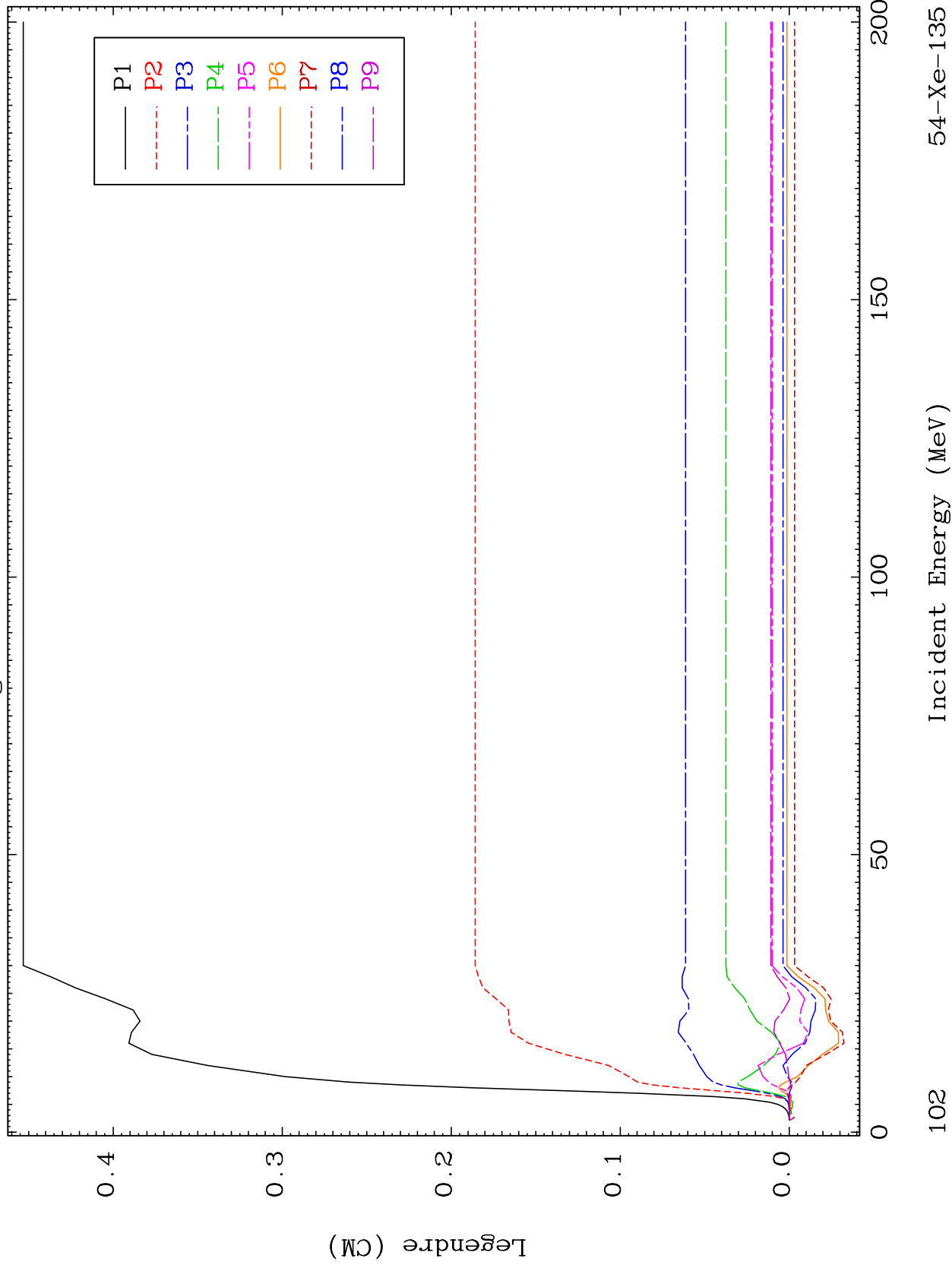
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.152 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

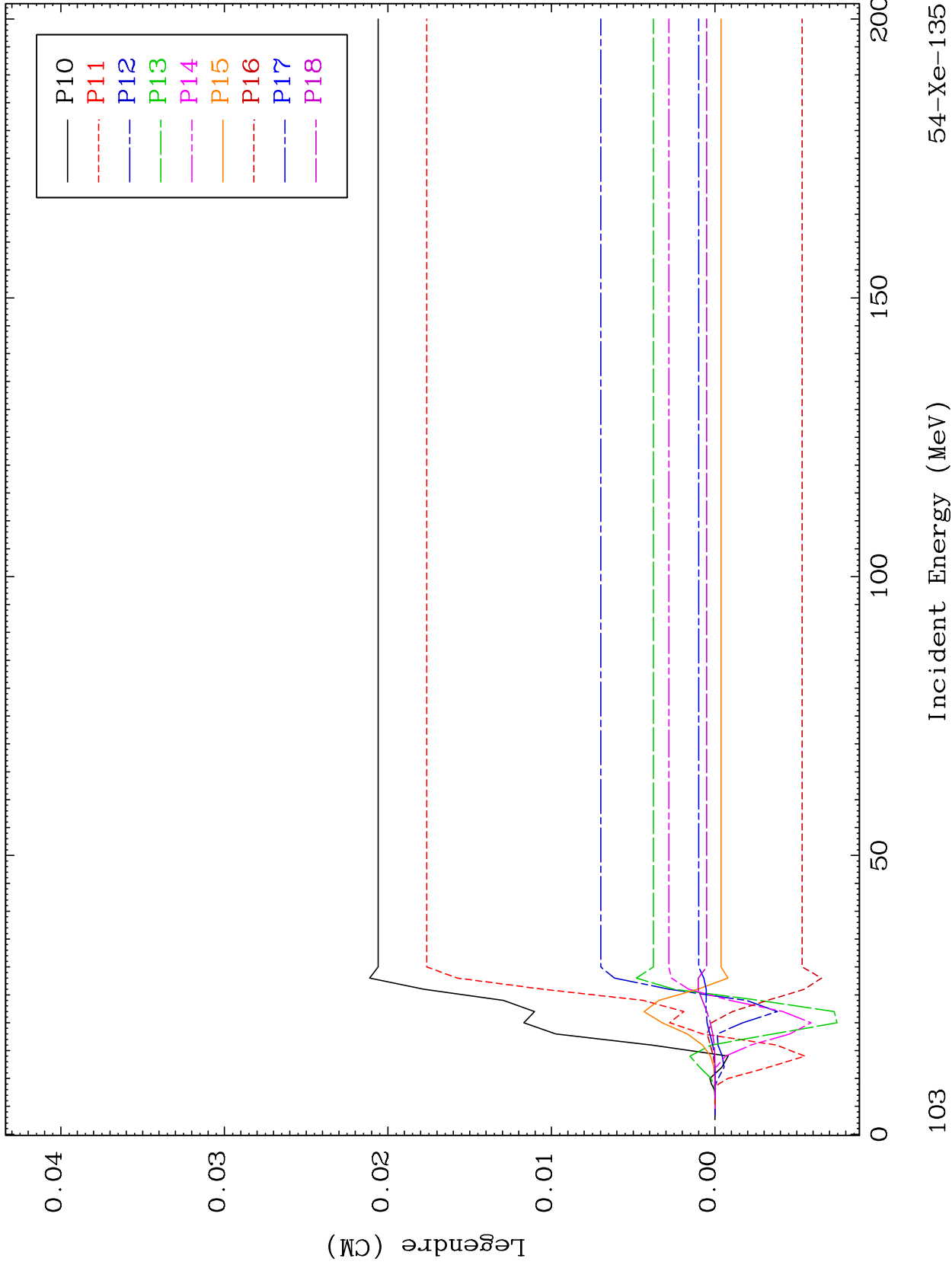
Incident Energy (MeV)

102

MAT 5458

2.152 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

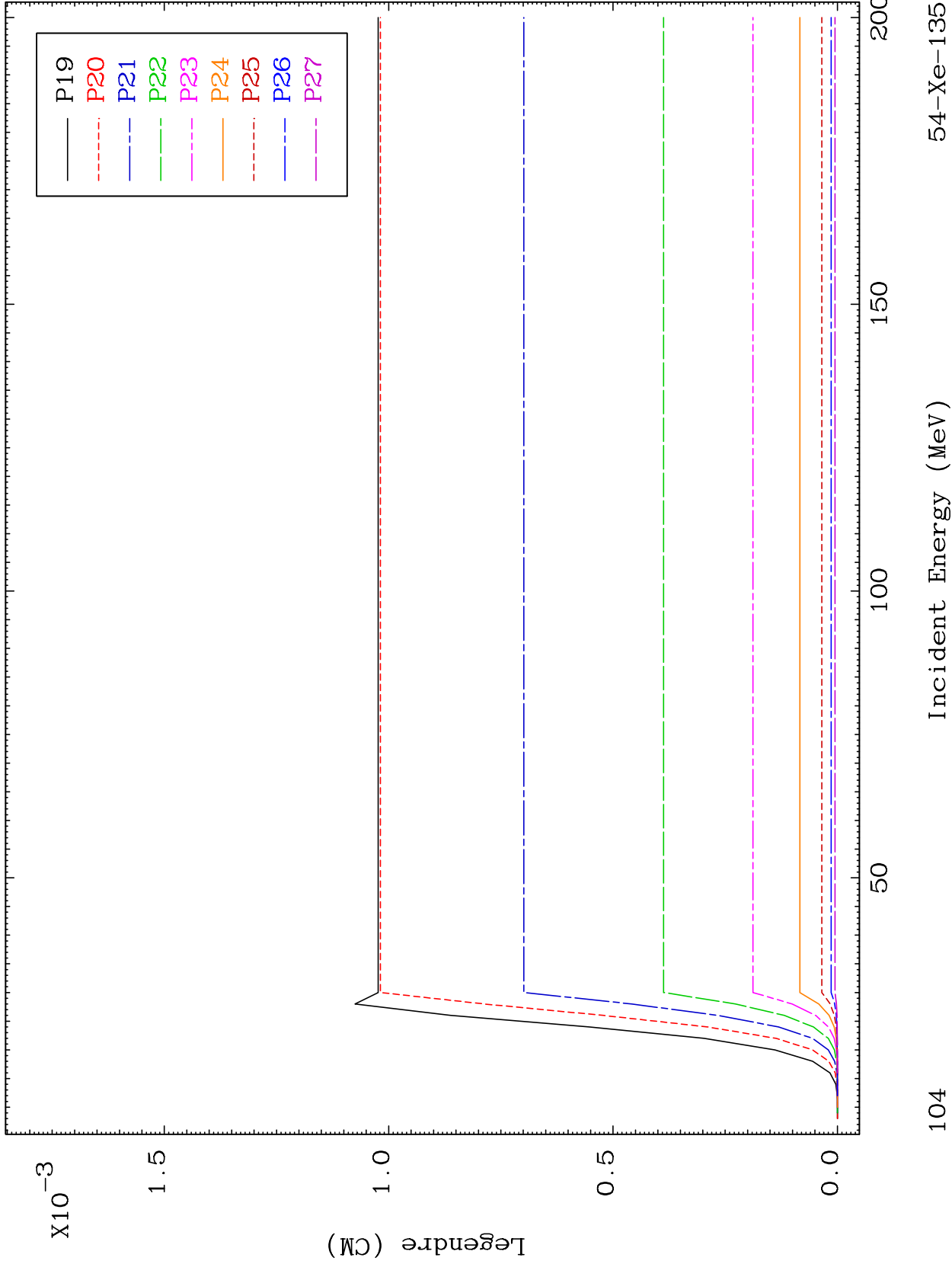
Incident Energy (MeV)

103

MAT 5458

2.152 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



104

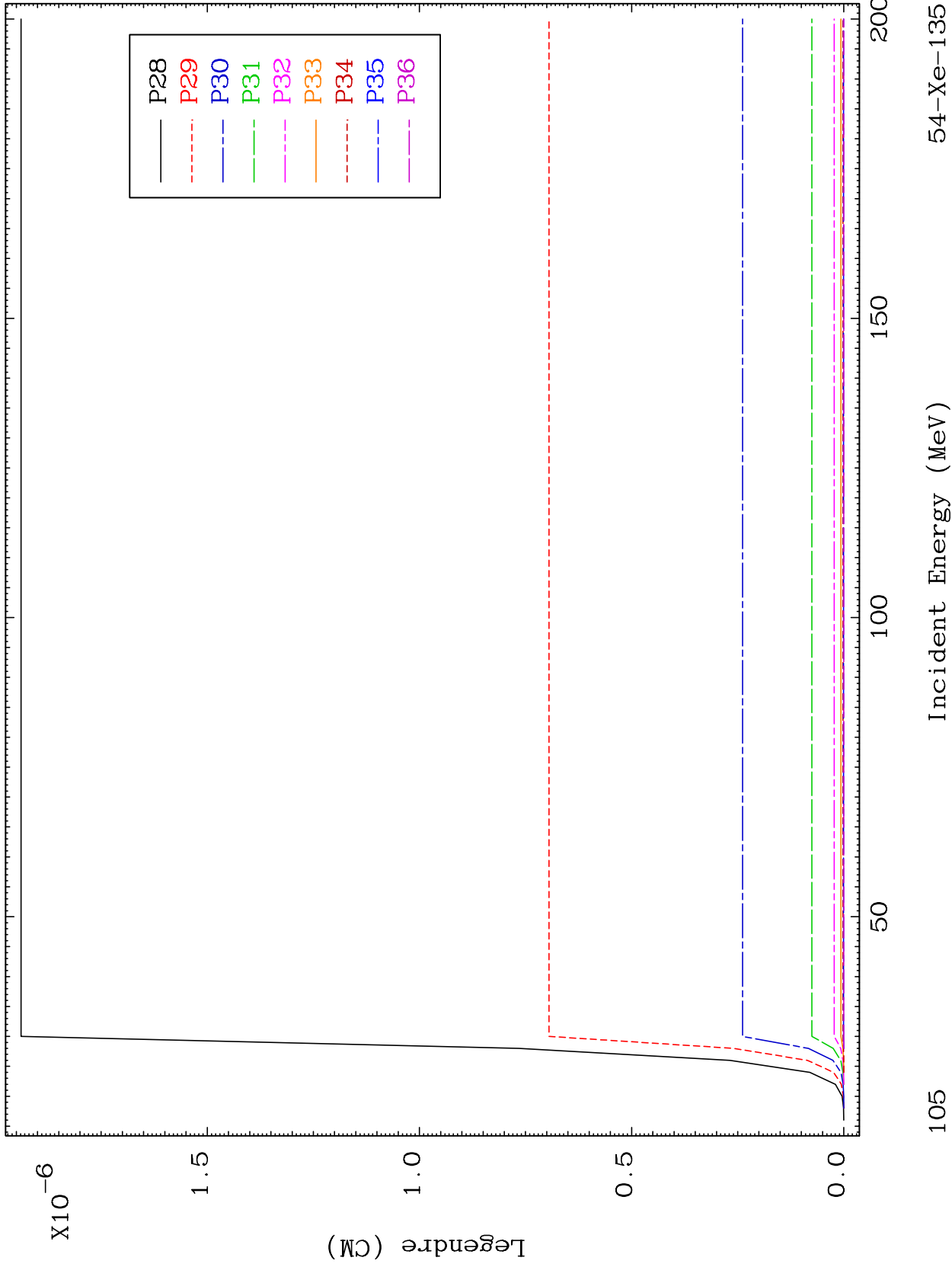
Incident Energy (MeV)

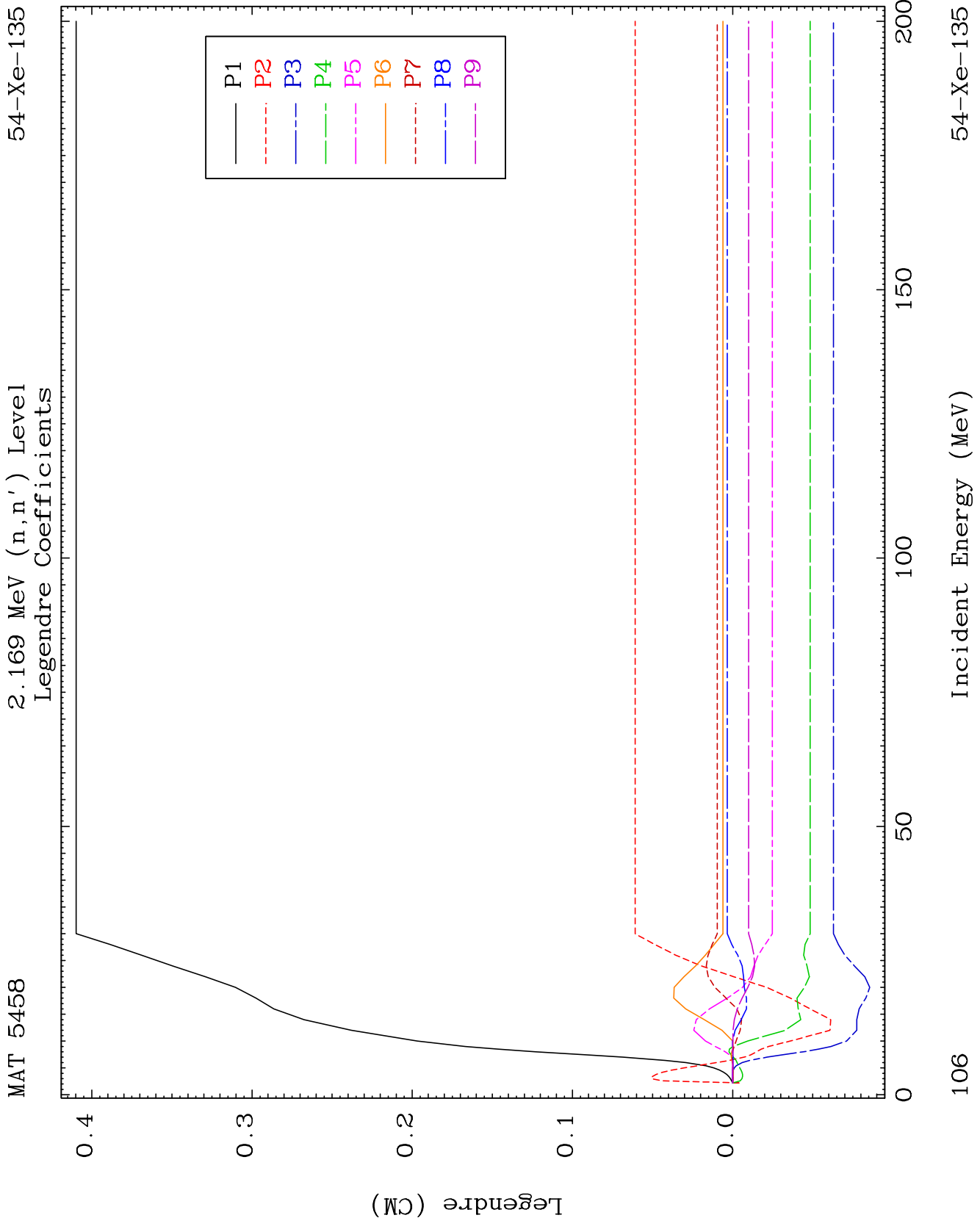
54-Xe-135

MAT 5458

2.152 MeV (n, n') Level
Legendre Coefficients

54-Xe-135

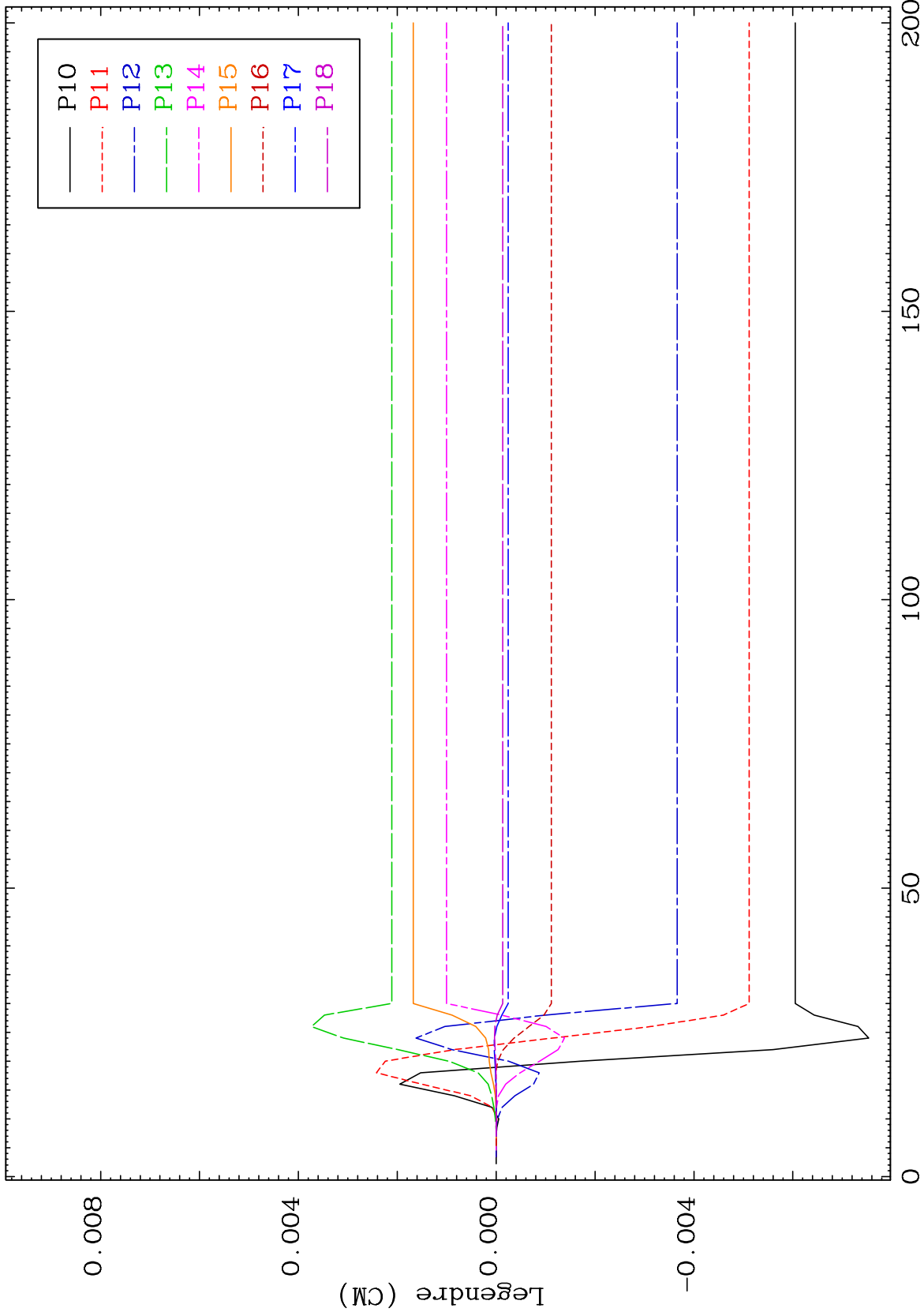




MAT 5458

2.169 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



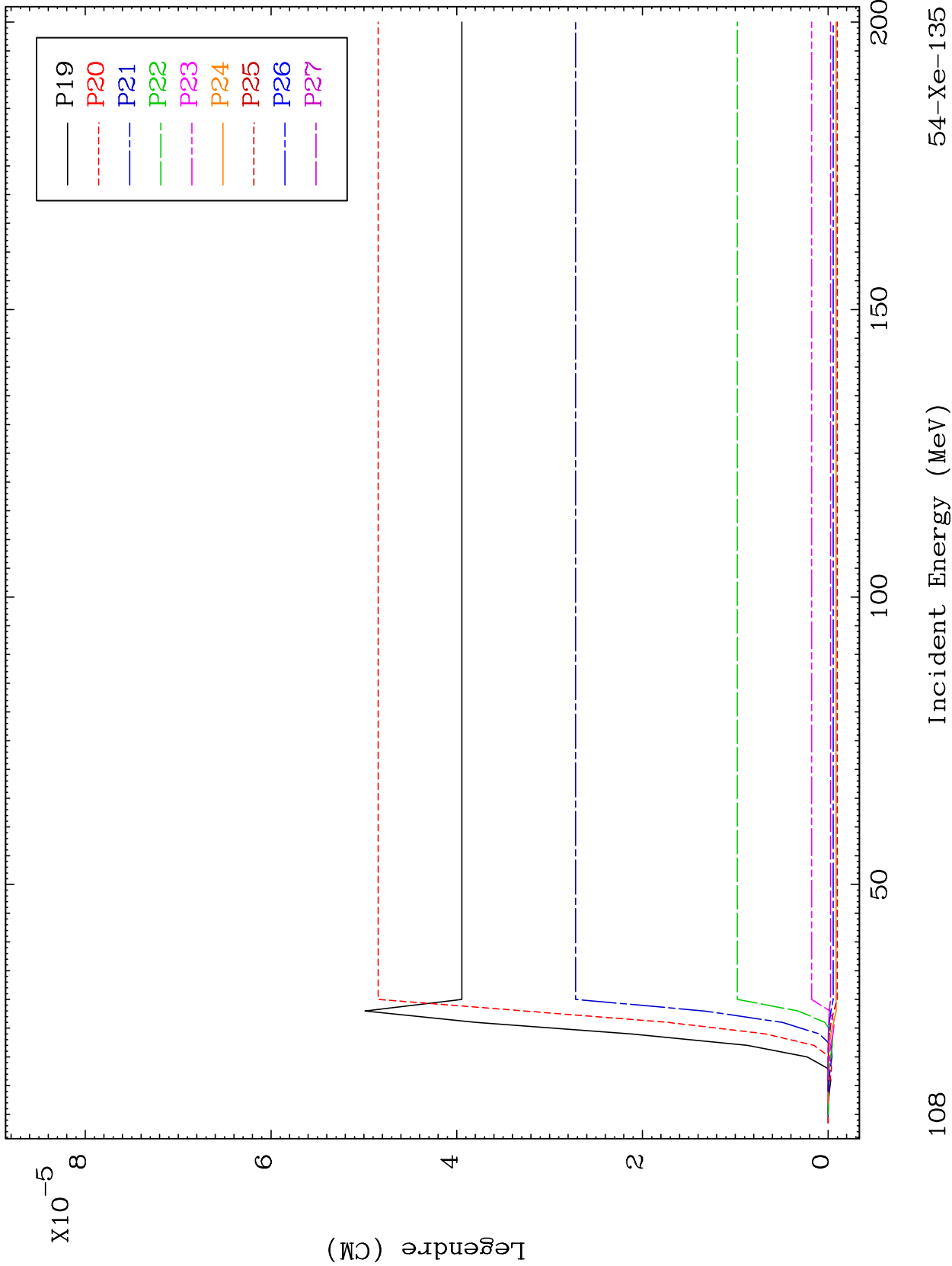
107

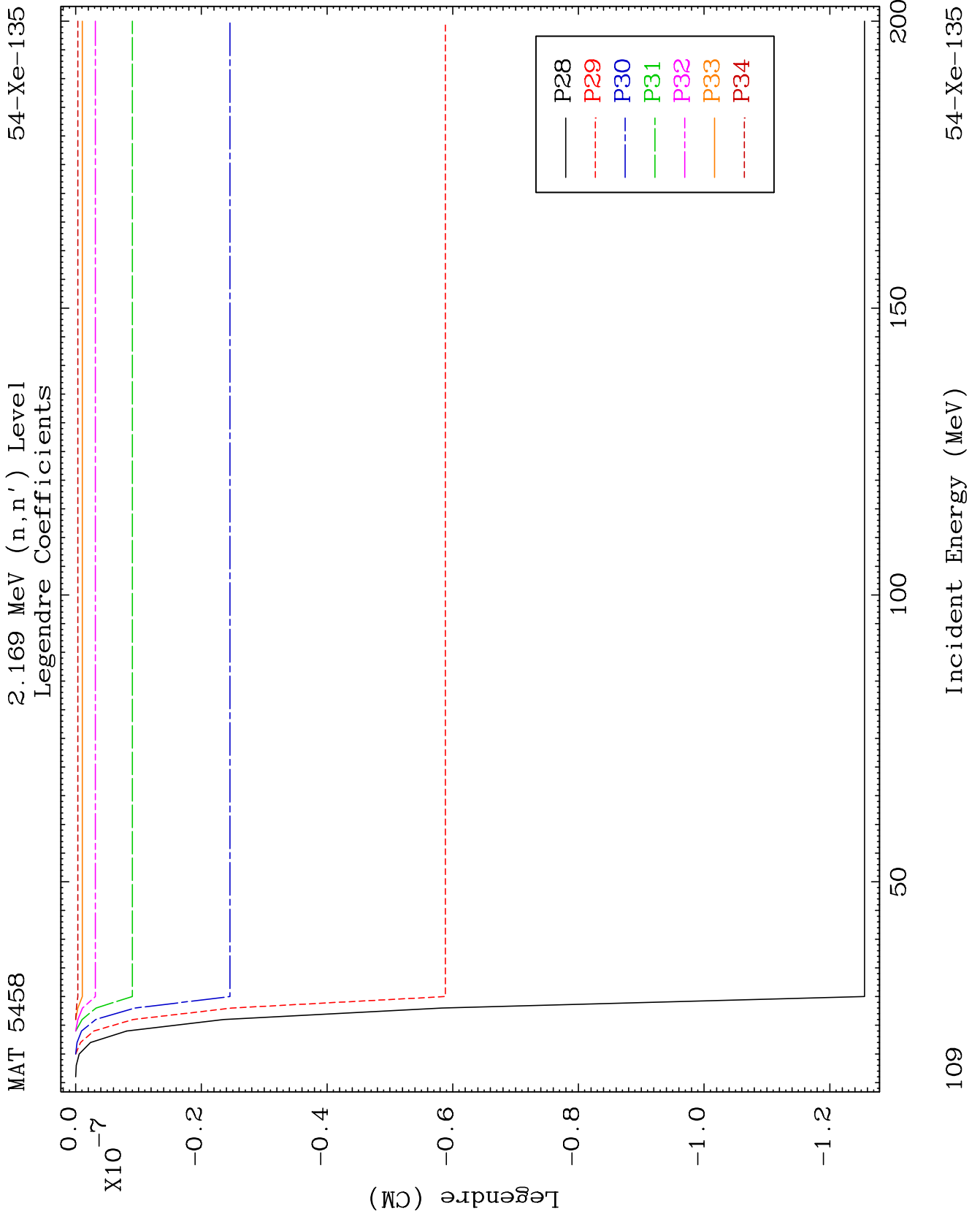
54-Xe-135

MAT 5458

2.169 MeV (n,n') Level
Legendre Coefficients

54-Xe-135

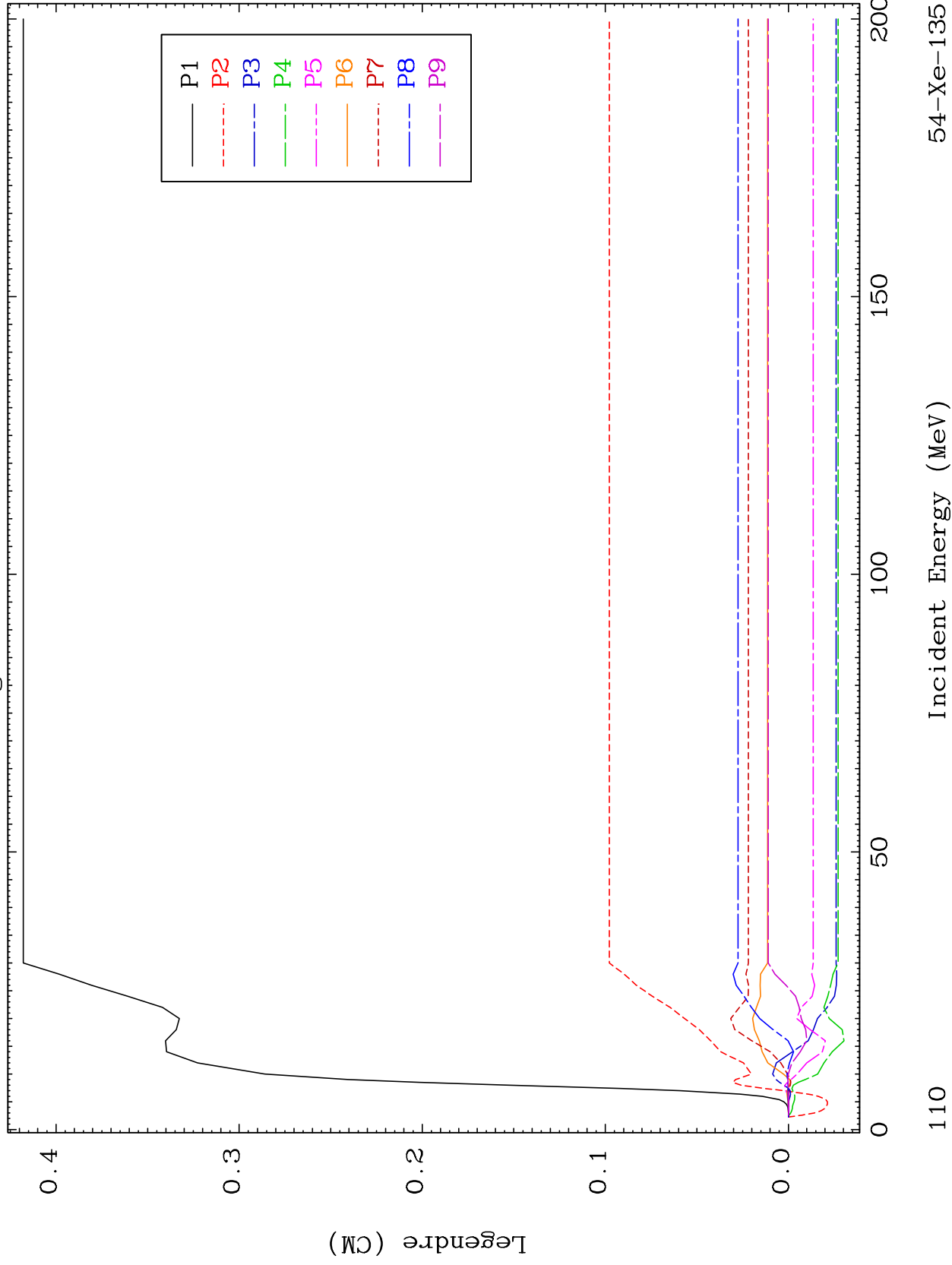




MAT 5458

2.233 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

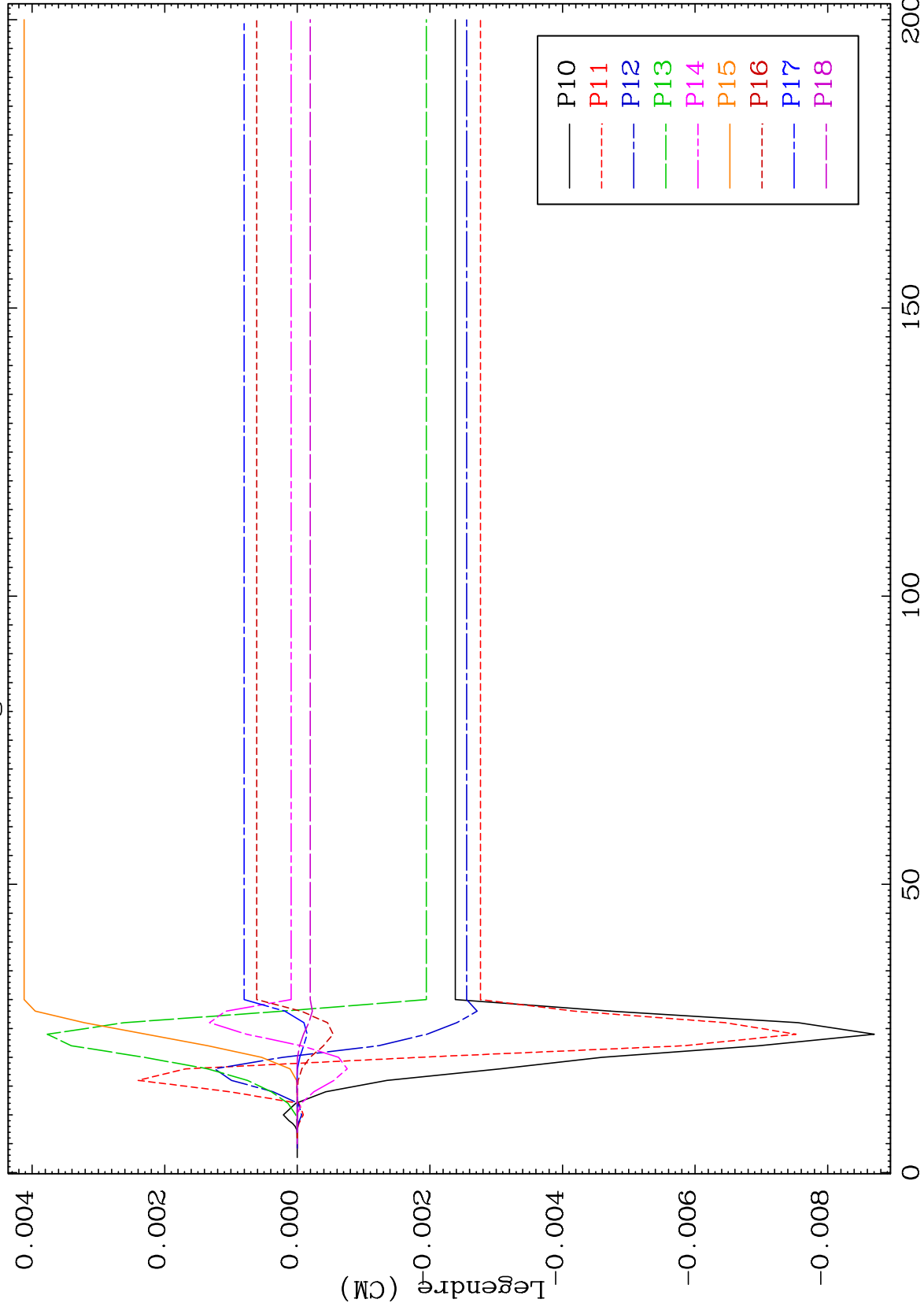
Incident Energy (MeV)

110

MAT 5458

2.233 MeV (n, n') Level
Legendre Coefficients

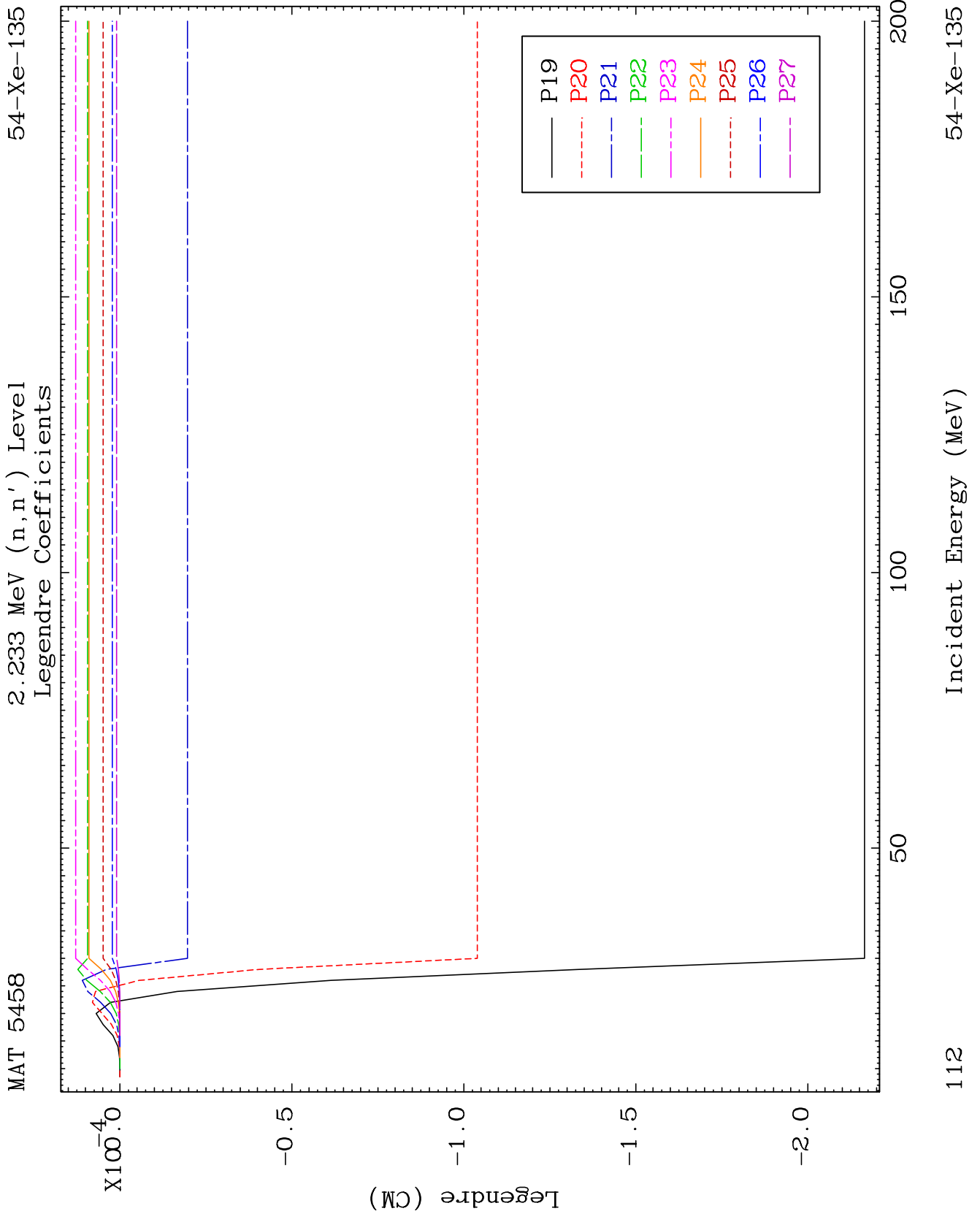
54-Xe-135



111

Incident Energy (MeV)

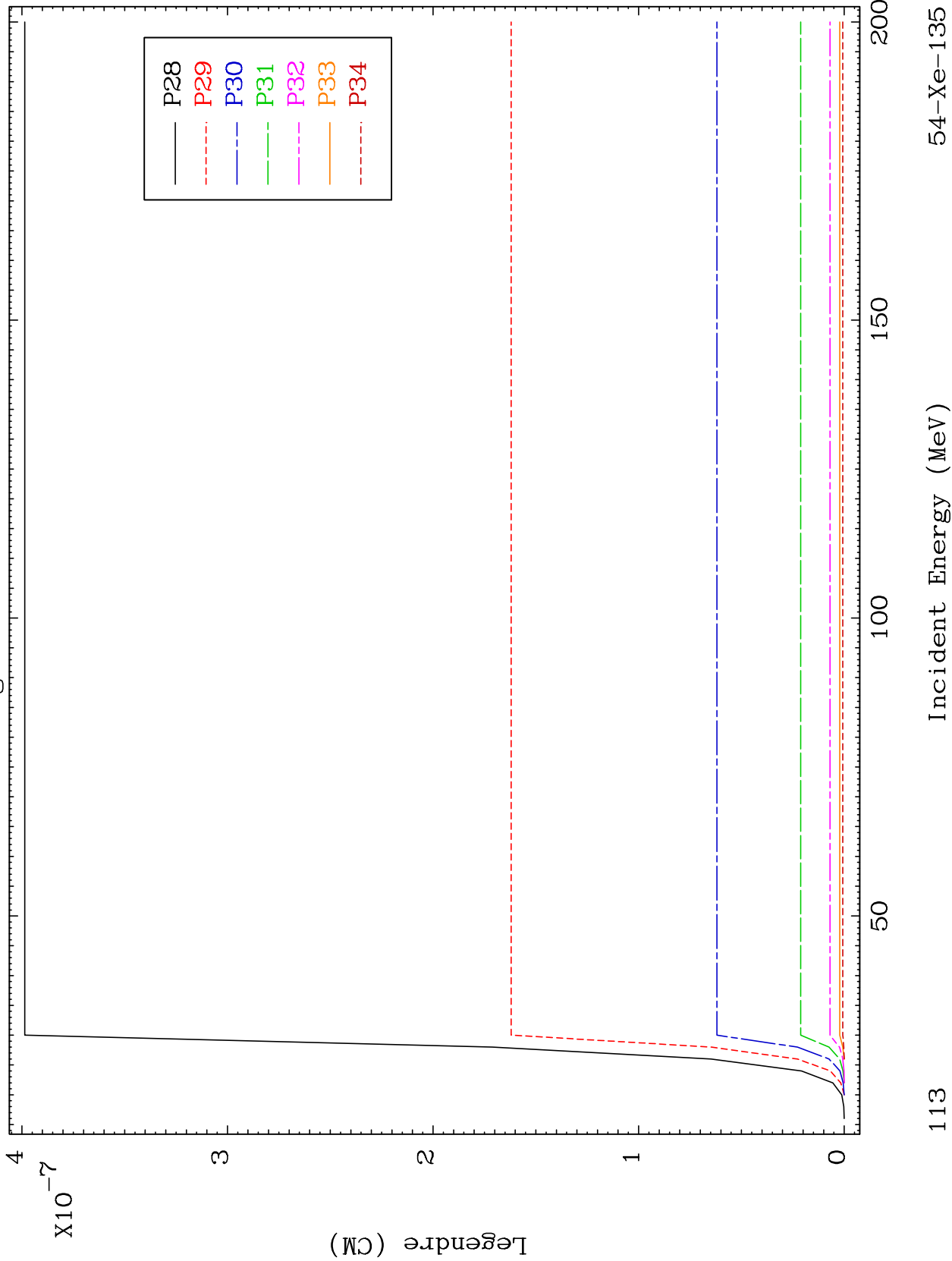
54-Xe-135



MAT 5458

2.233 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



113

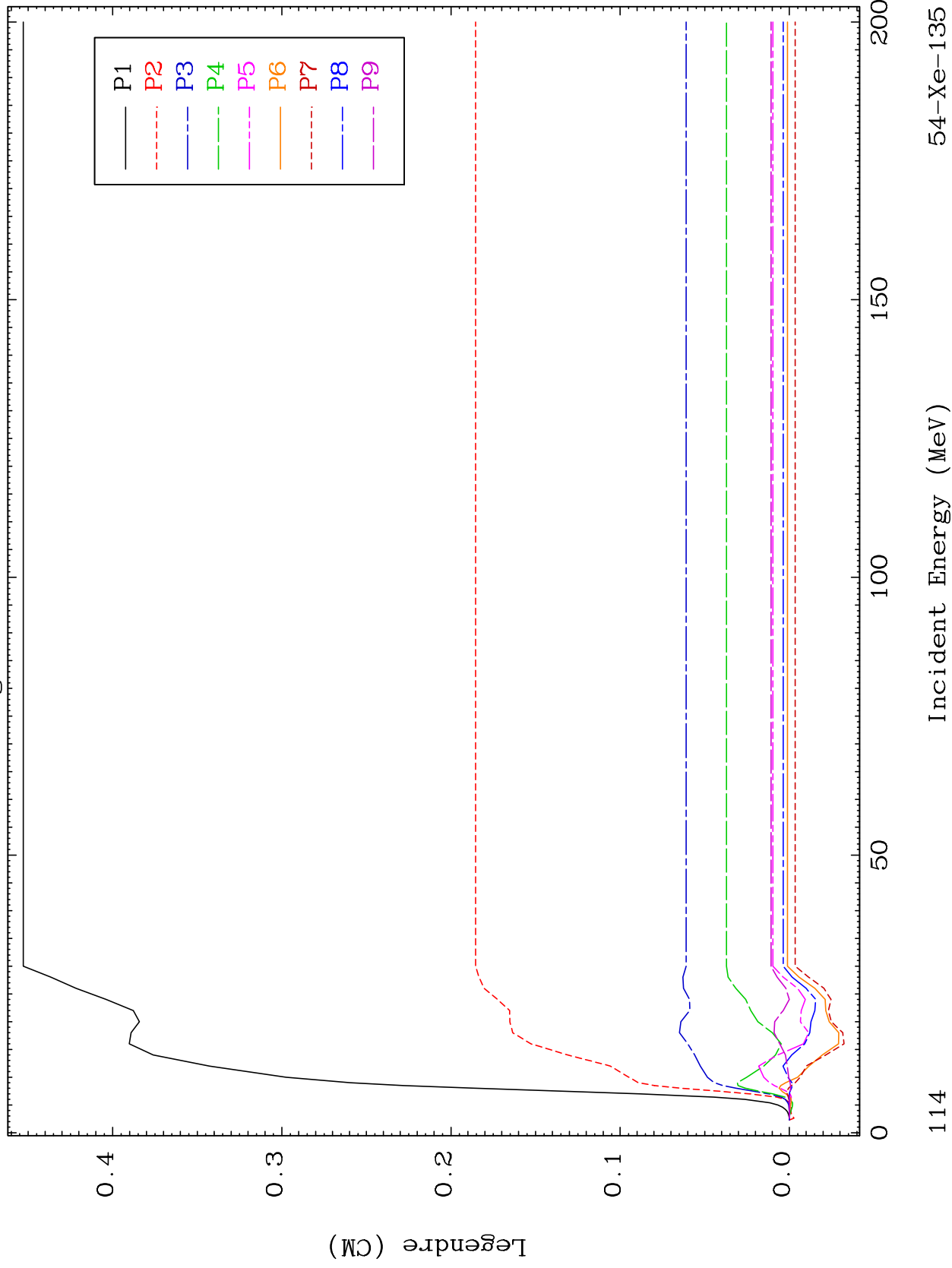
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.255 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

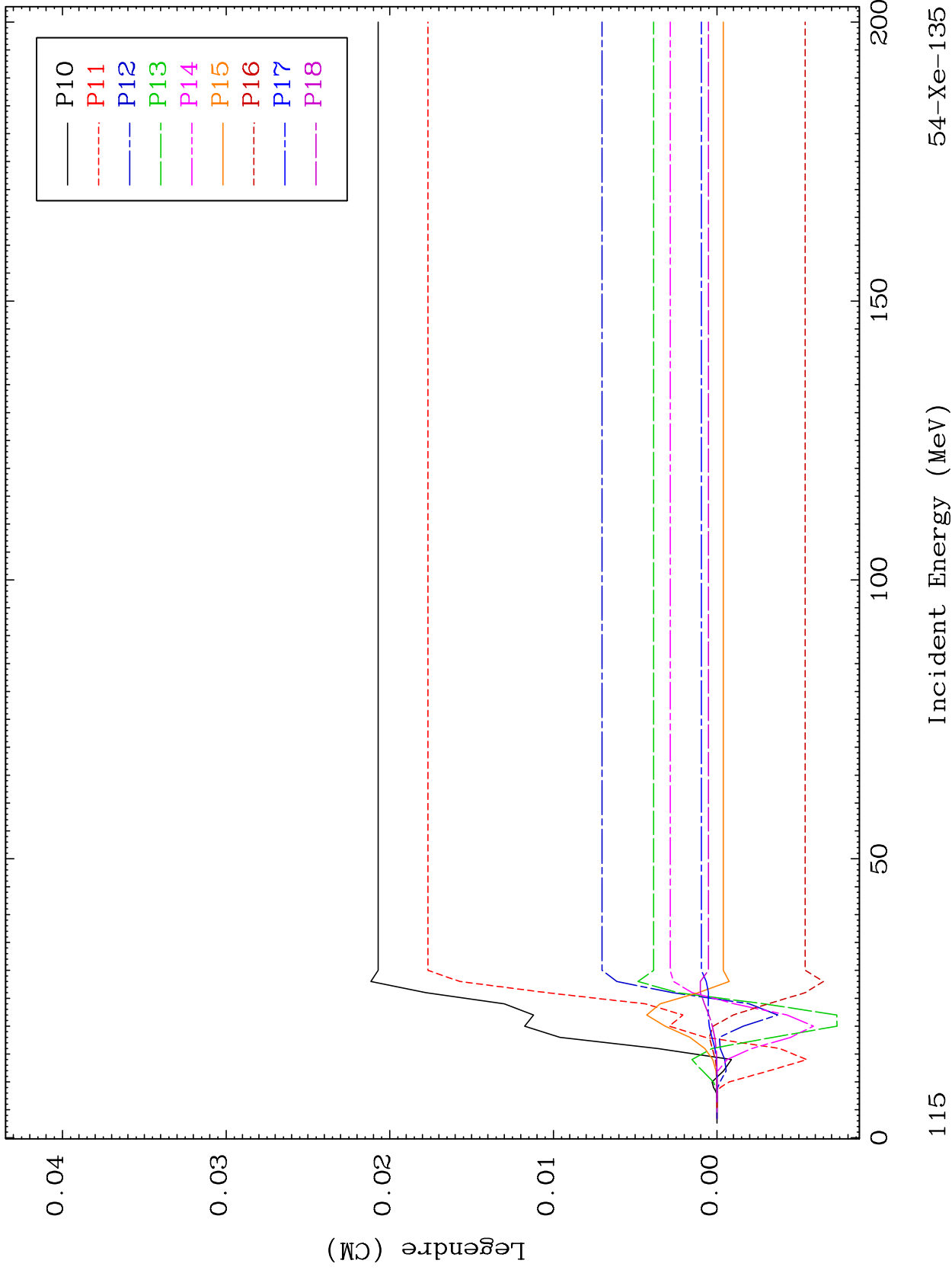
Incident Energy (MeV)

114

MAT 5458

2.255 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



54-Xe-135

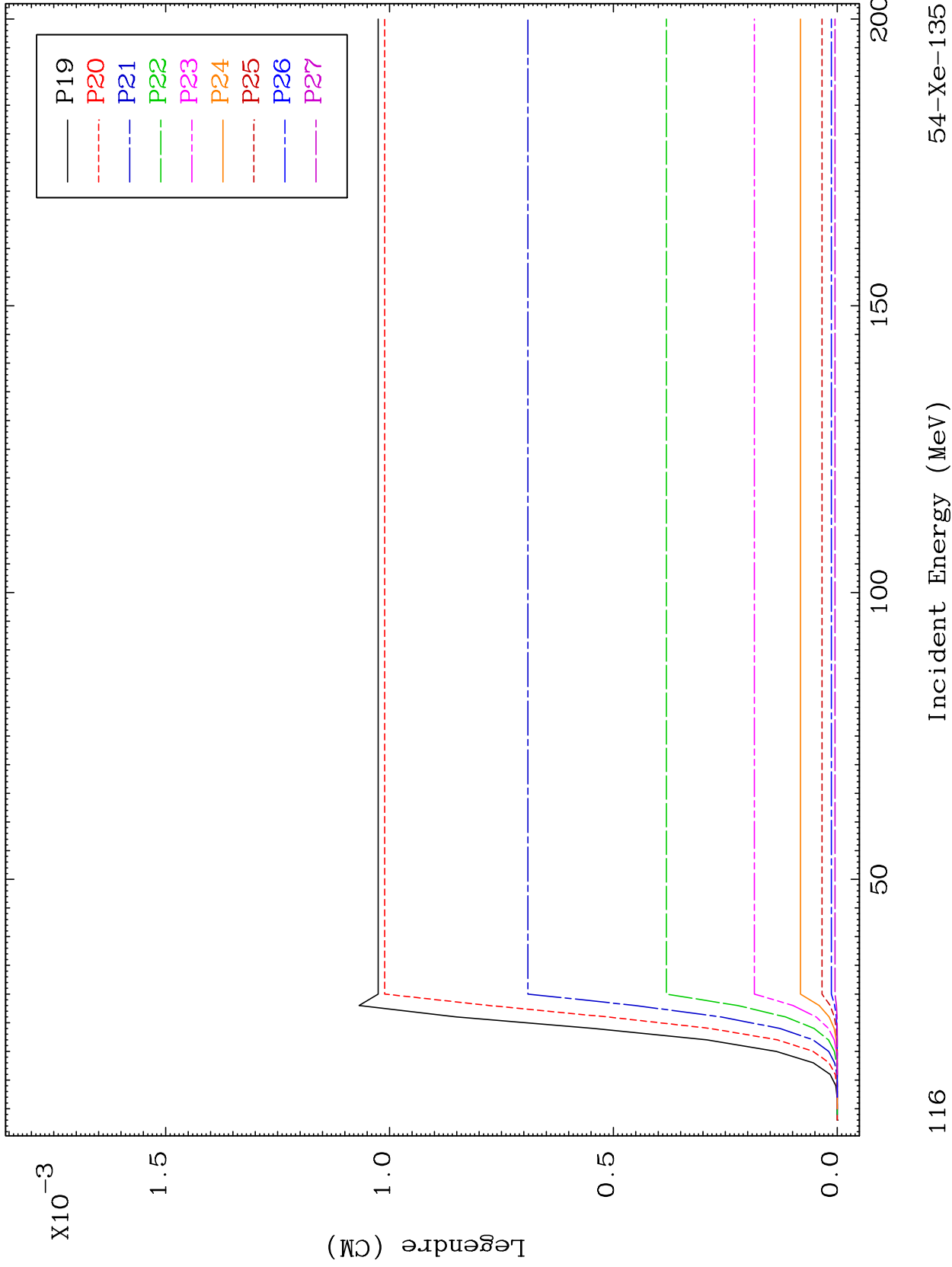
Incident Energy (MeV)

115

MAT 5458

2.255 MeV (n,n') Level
Legendre Coefficients

54-Xe-135

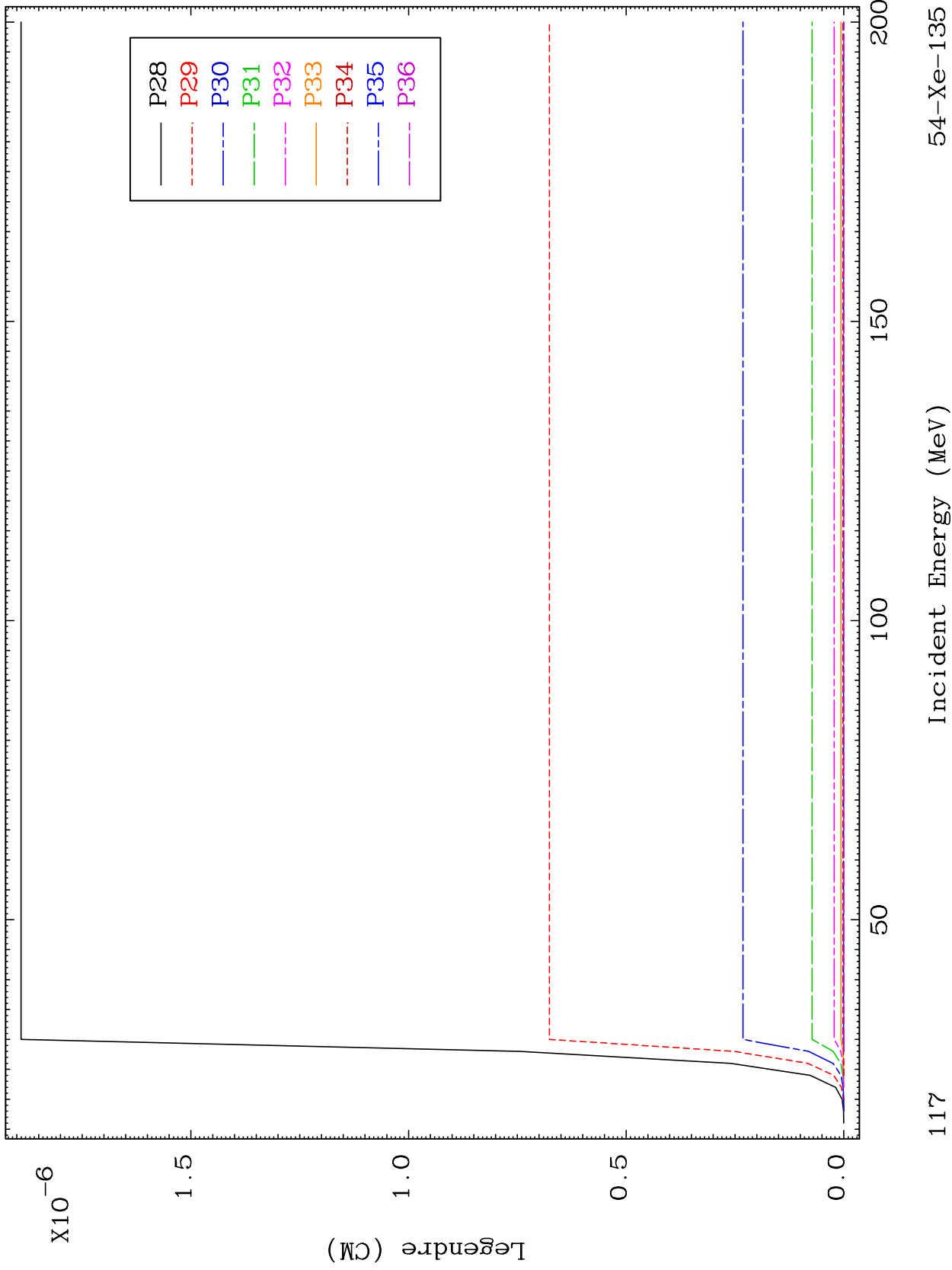


116

MAT 5458

2.255 MeV (n, n') Level
Legendre Coefficients

54-Xe-135



117

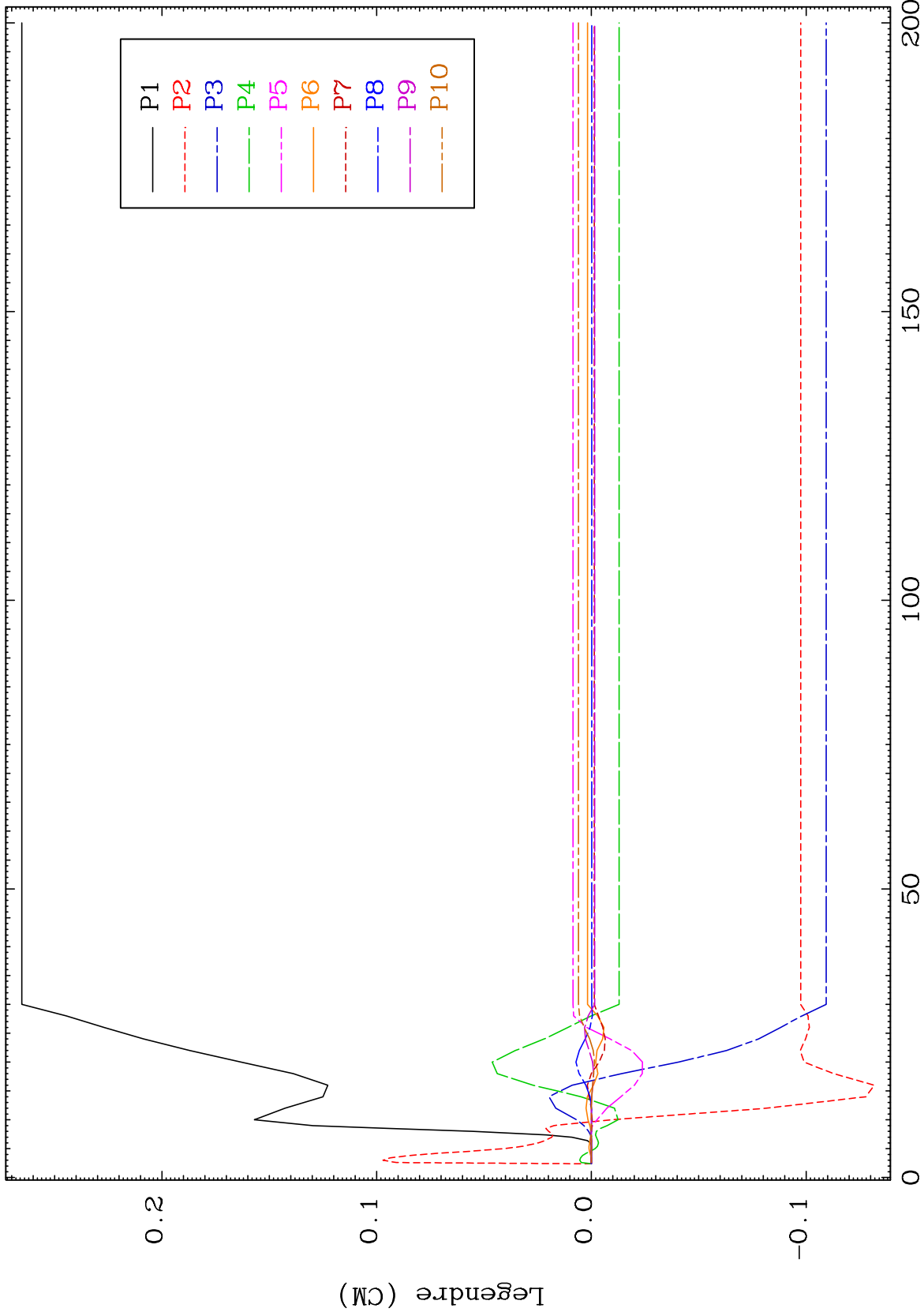
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.356 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



118

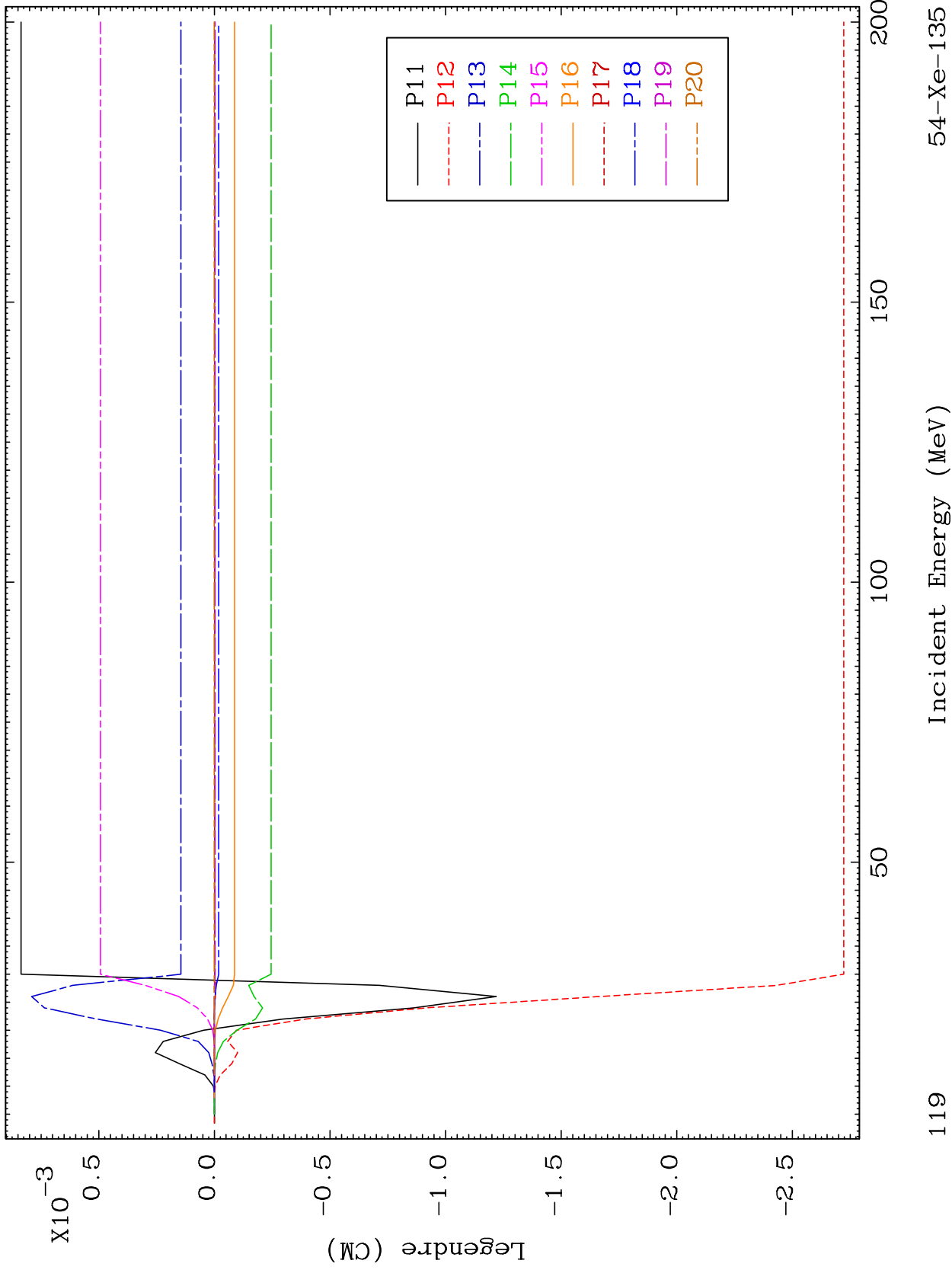
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.356 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



119

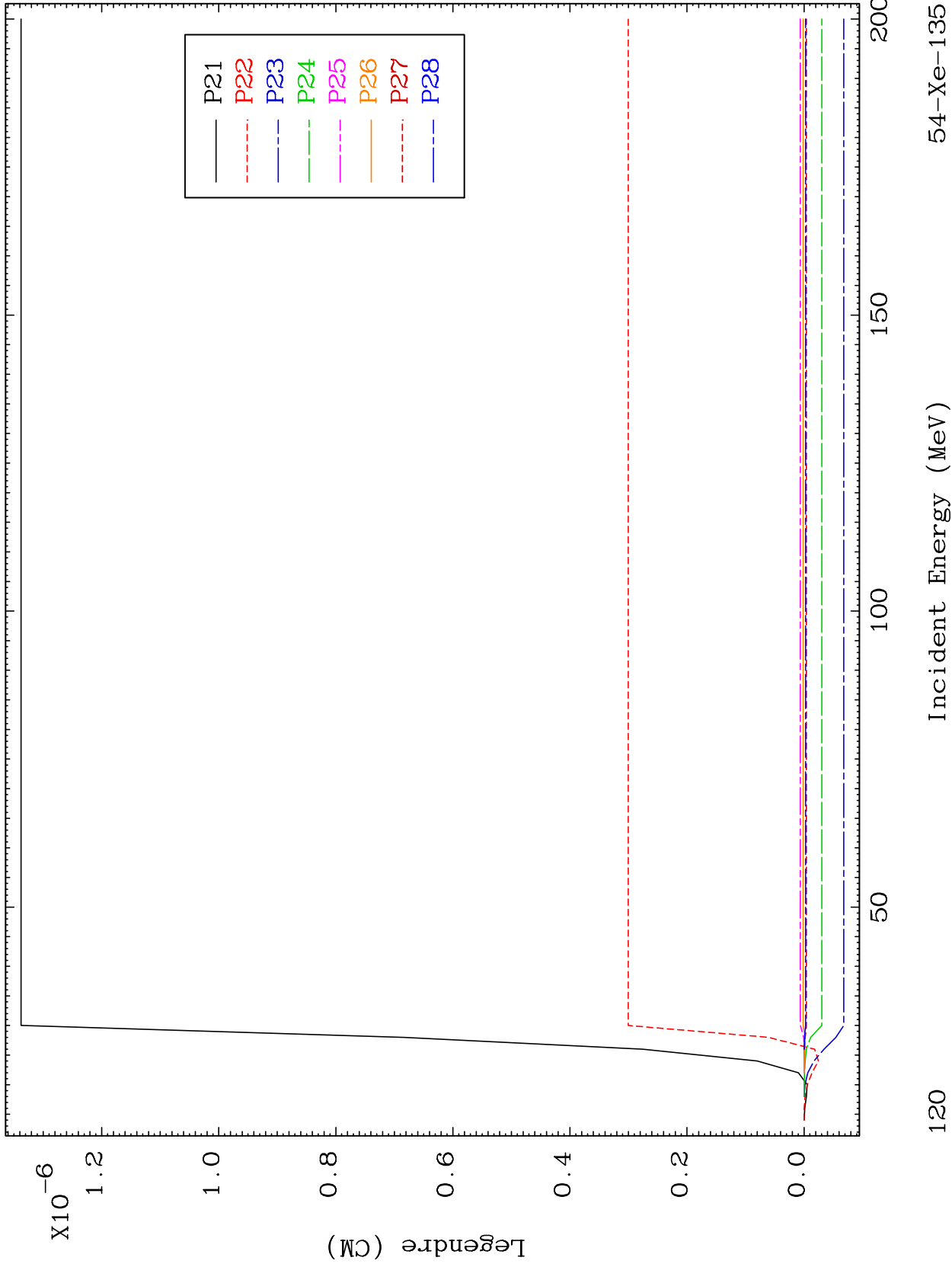
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.356 MeV (n,n') Level
Legendre Coefficients

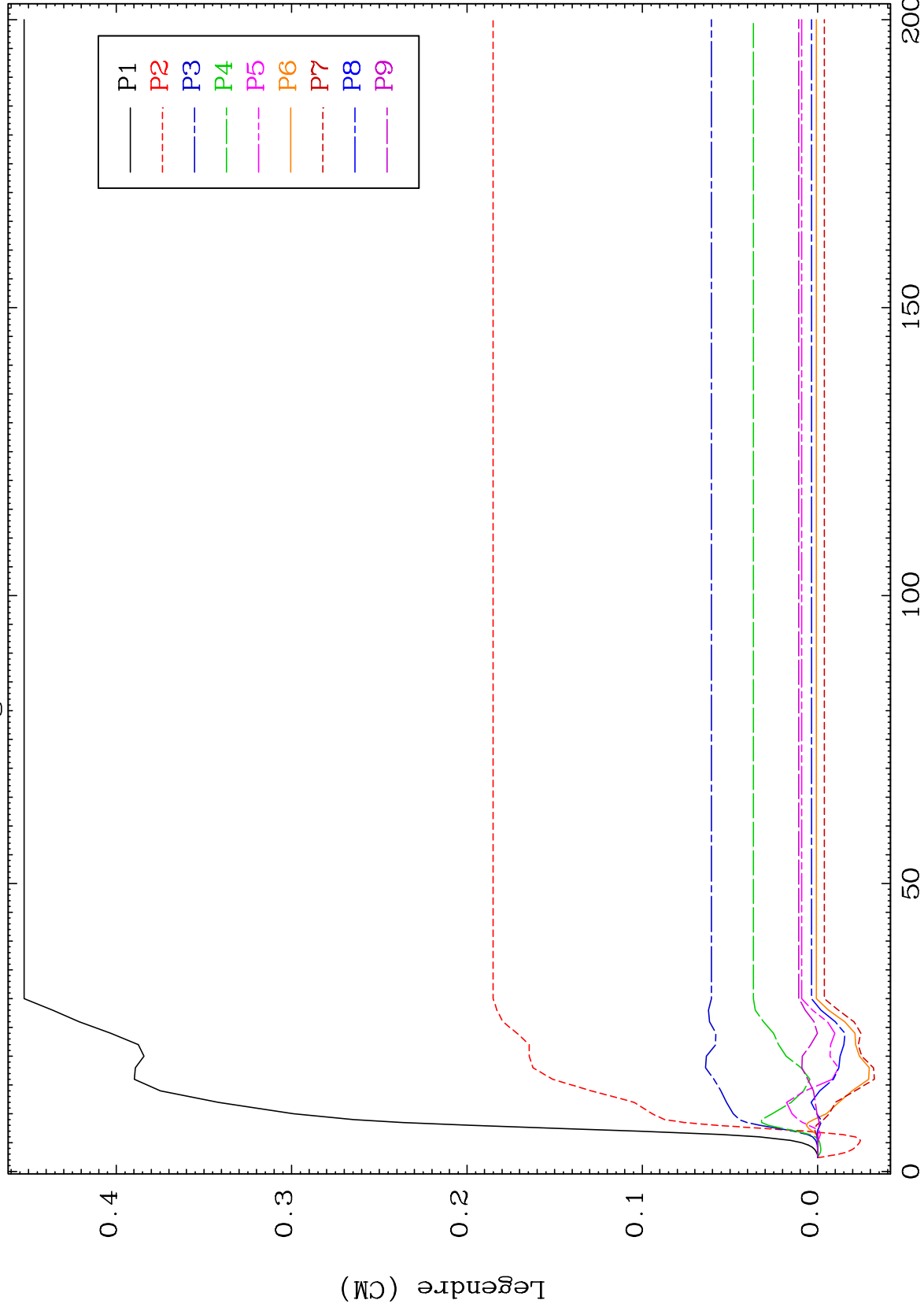
54-Xe-135



MAT 5458

2.365 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



121

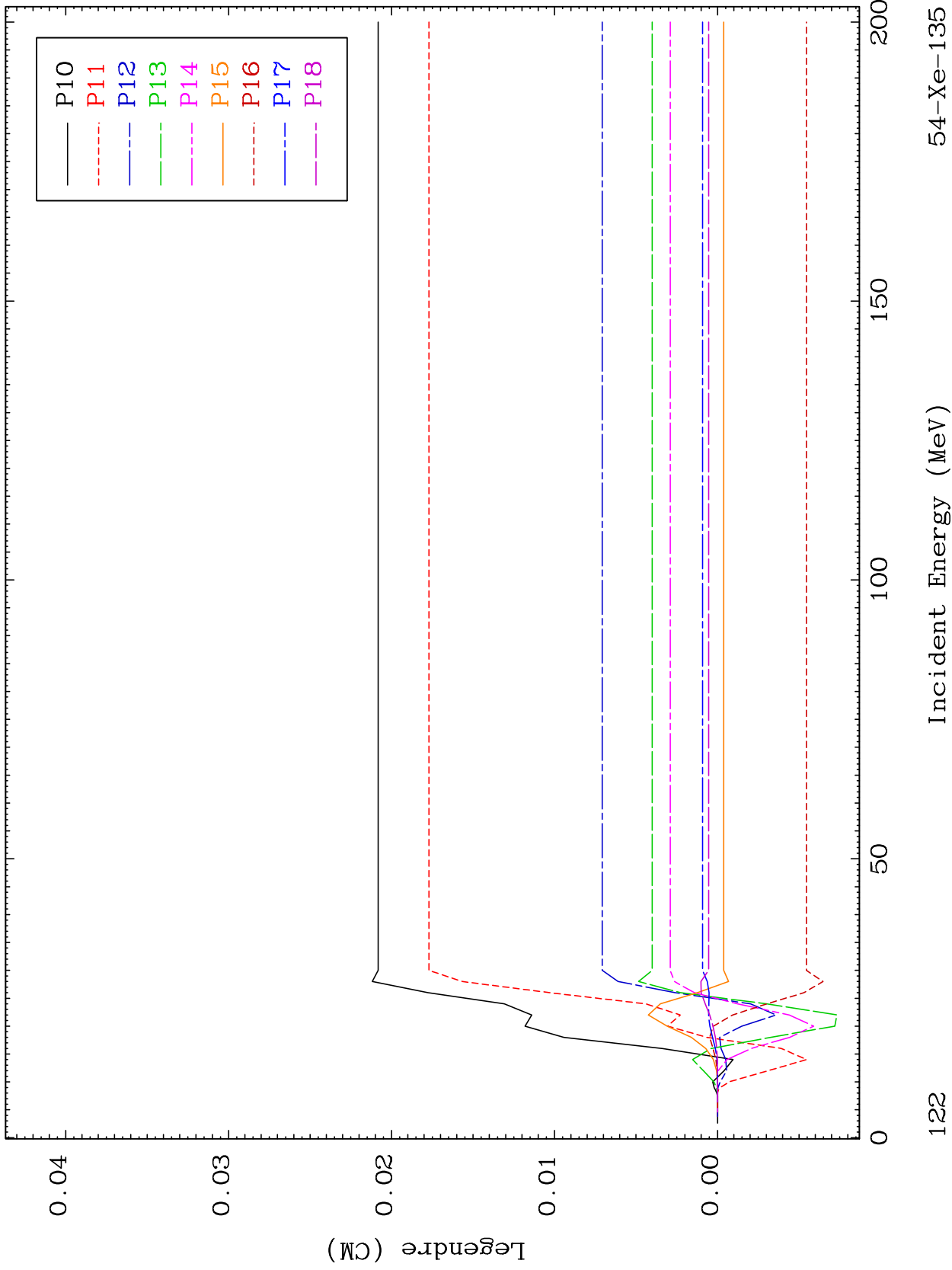
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.365 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



122

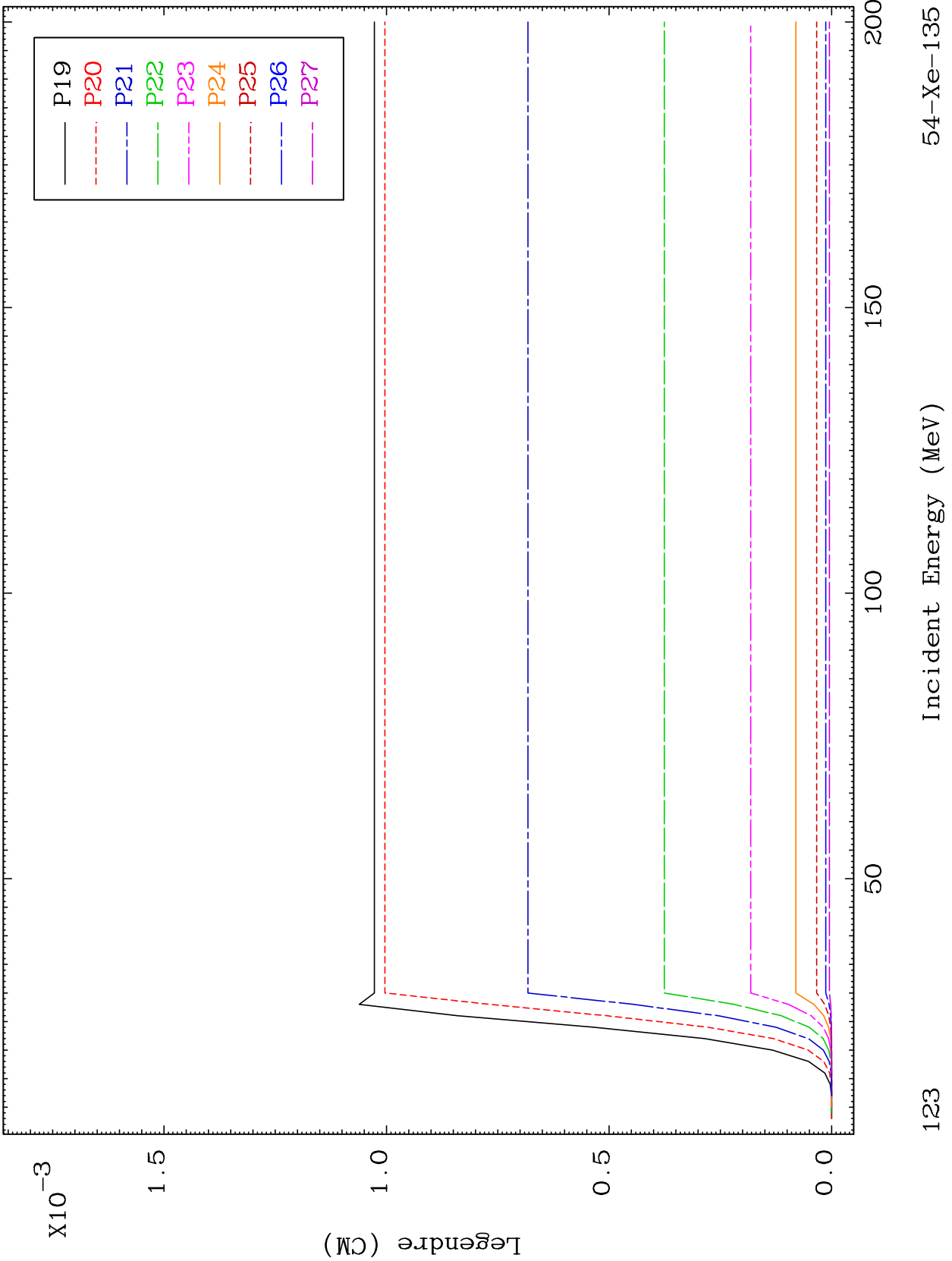
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.365 MeV (n,n') Level
Legendre Coefficients

54-Xe-135

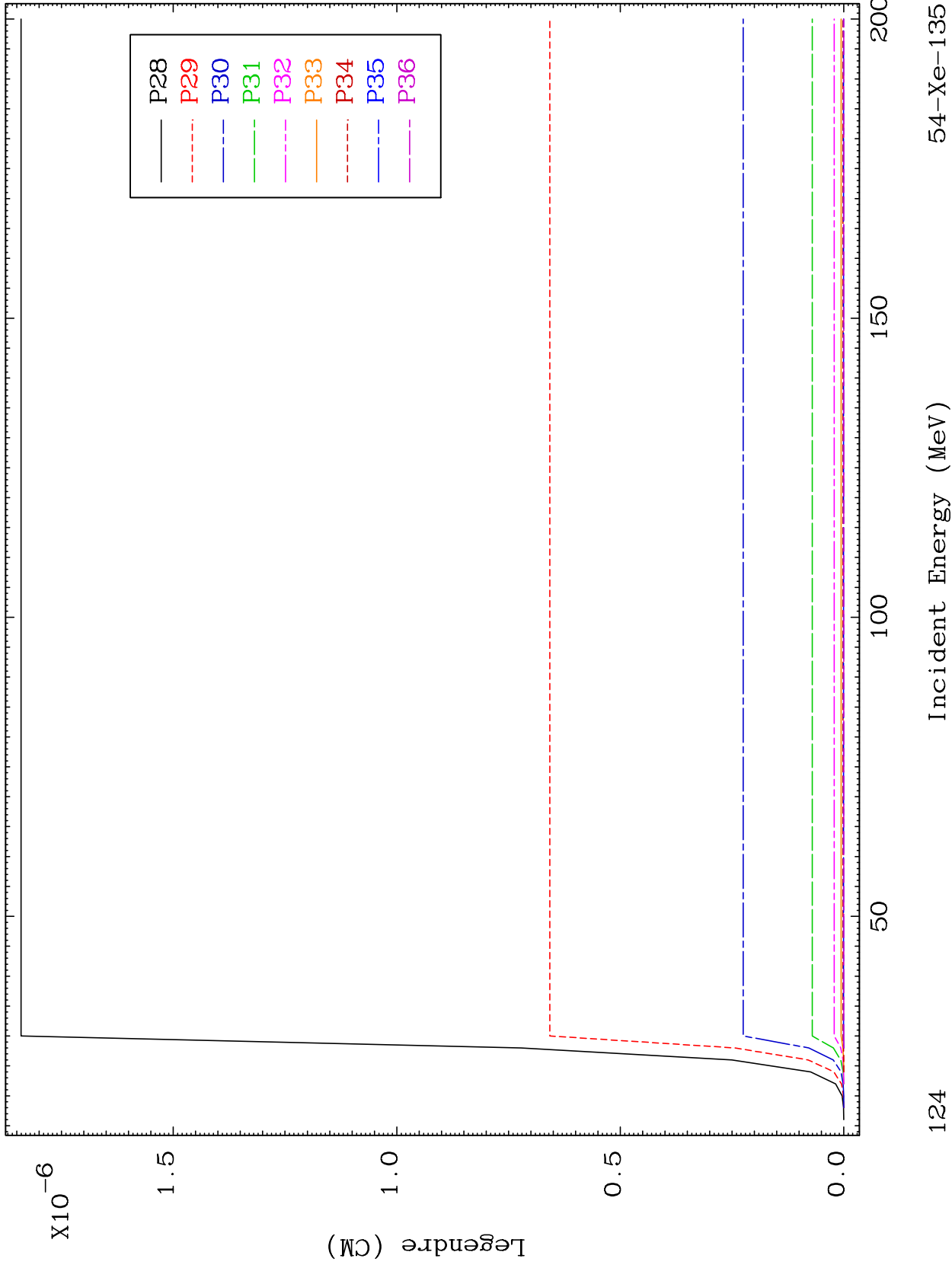


123

MAT 5458

2.365 MeV (n,n') Level
Legendre Coefficients

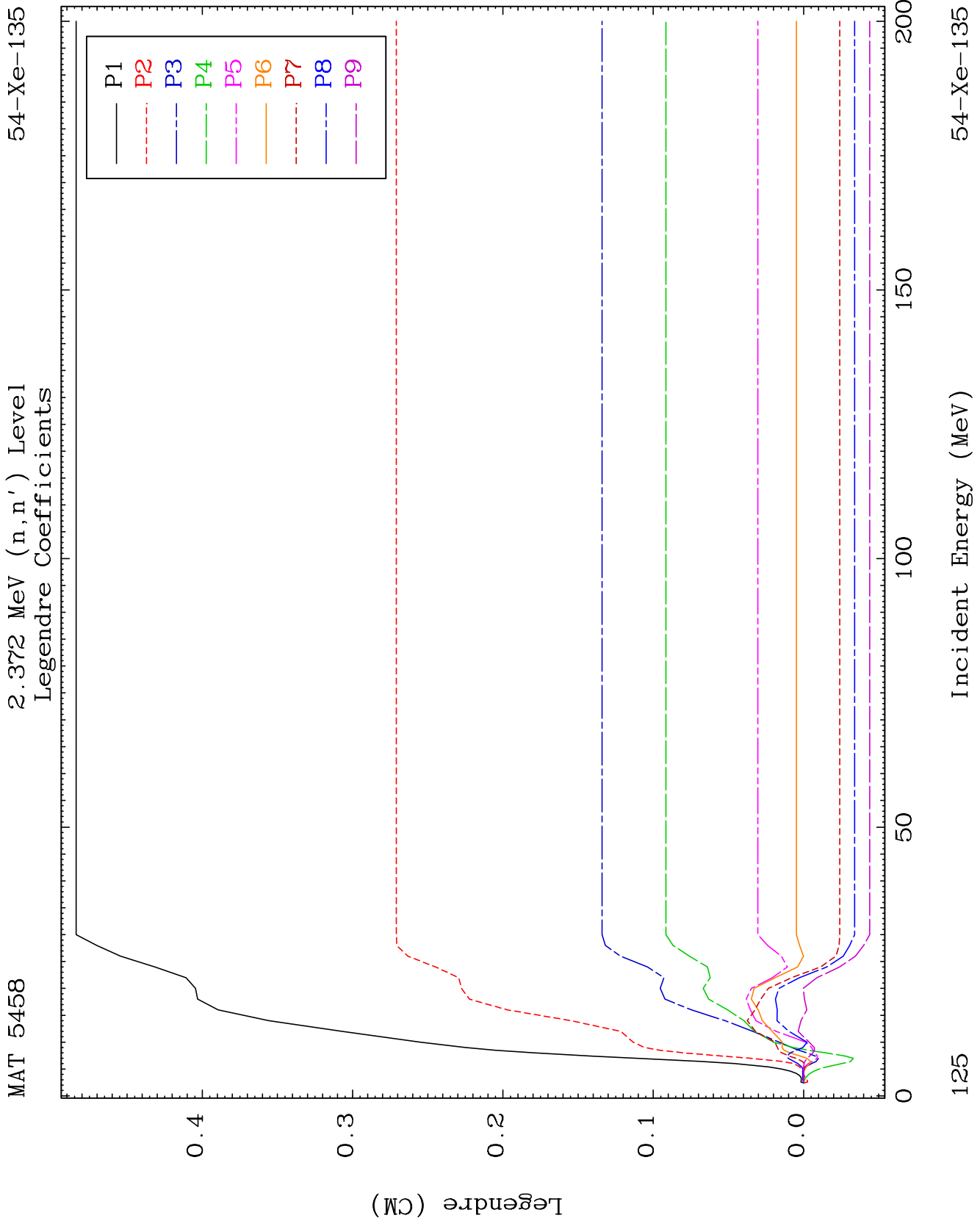
54-Xe-135



124

Incident Energy (MeV)

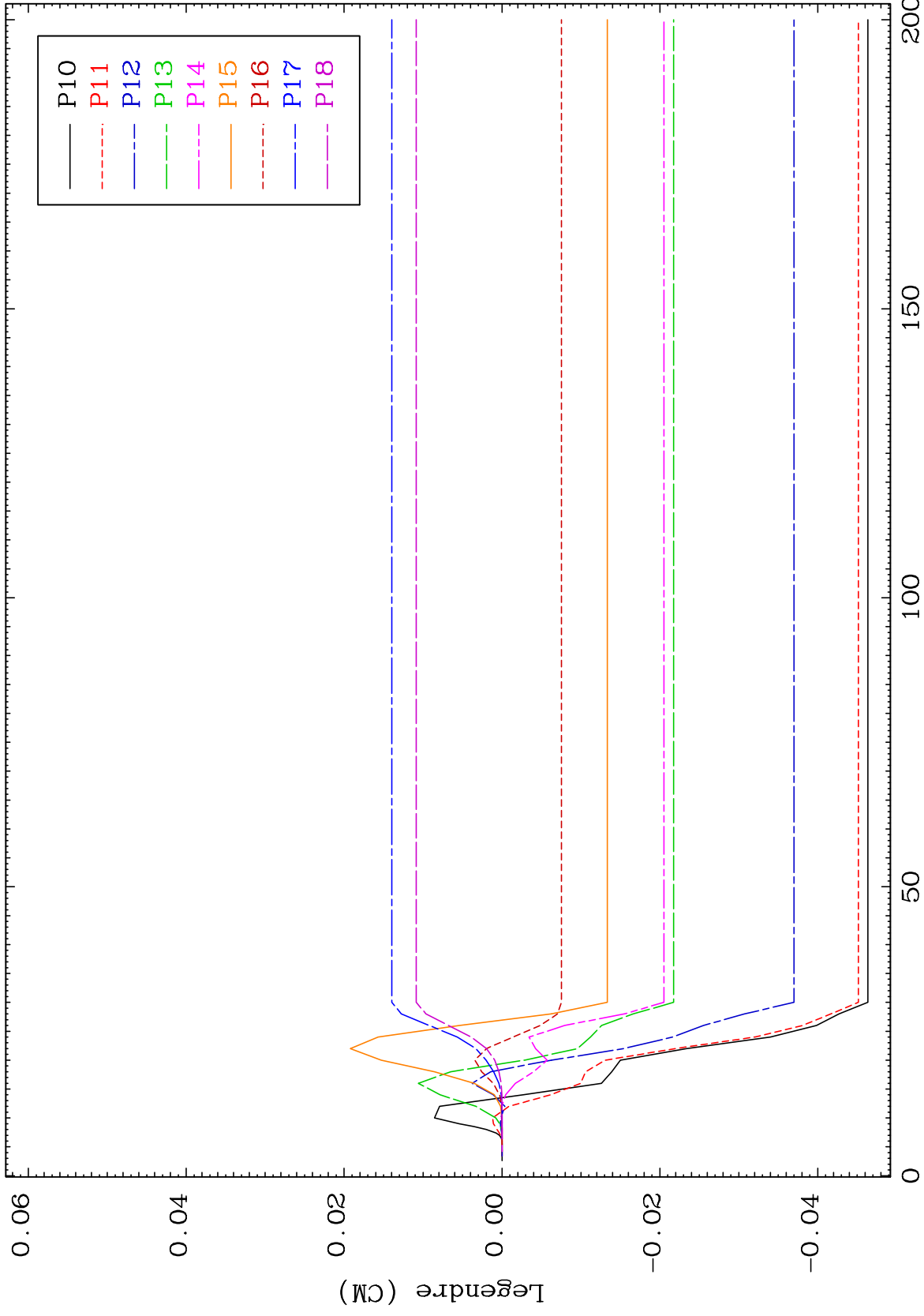
54-Xe-135



MAT 5458

2.372 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



126

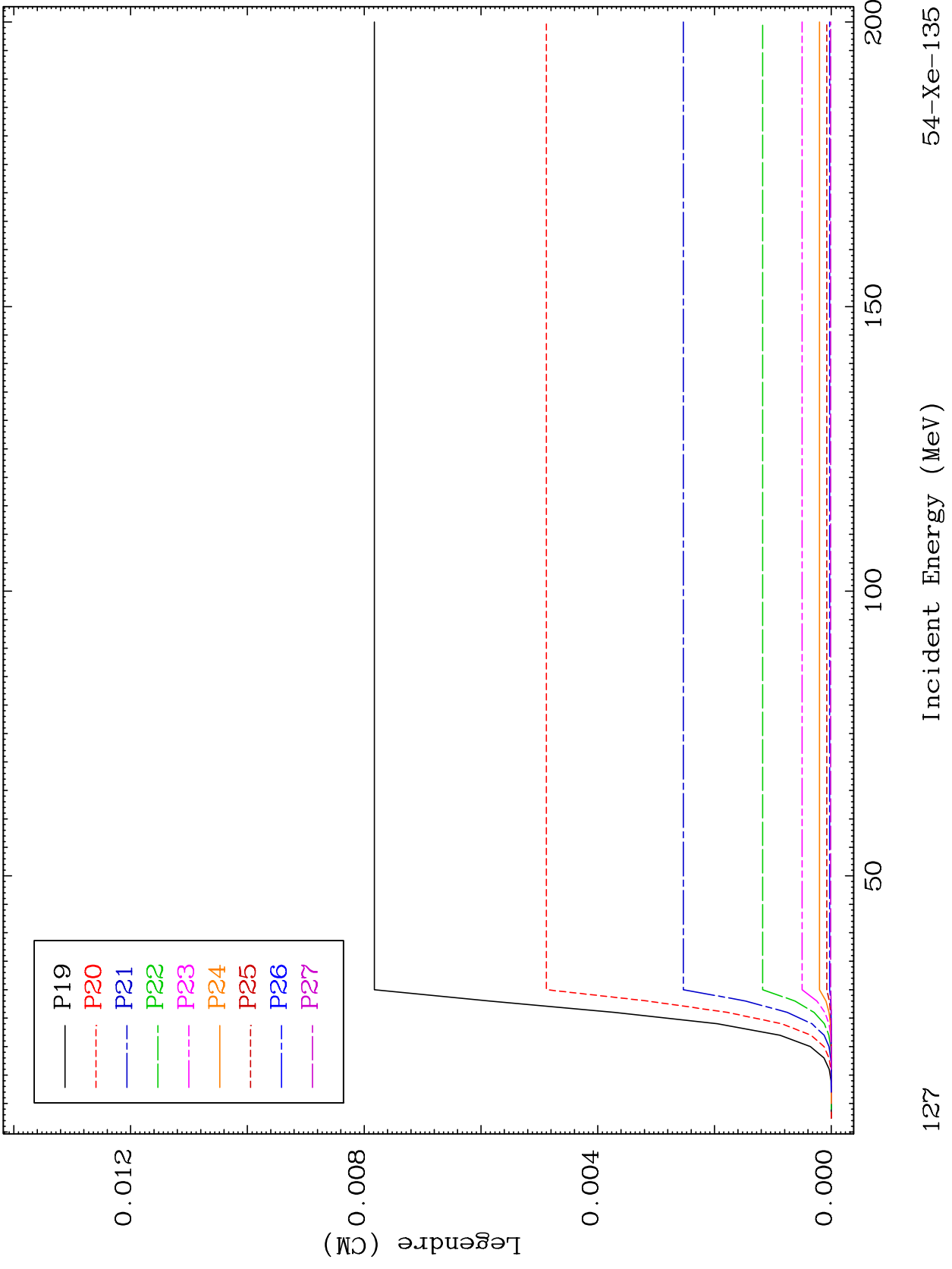
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.372 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



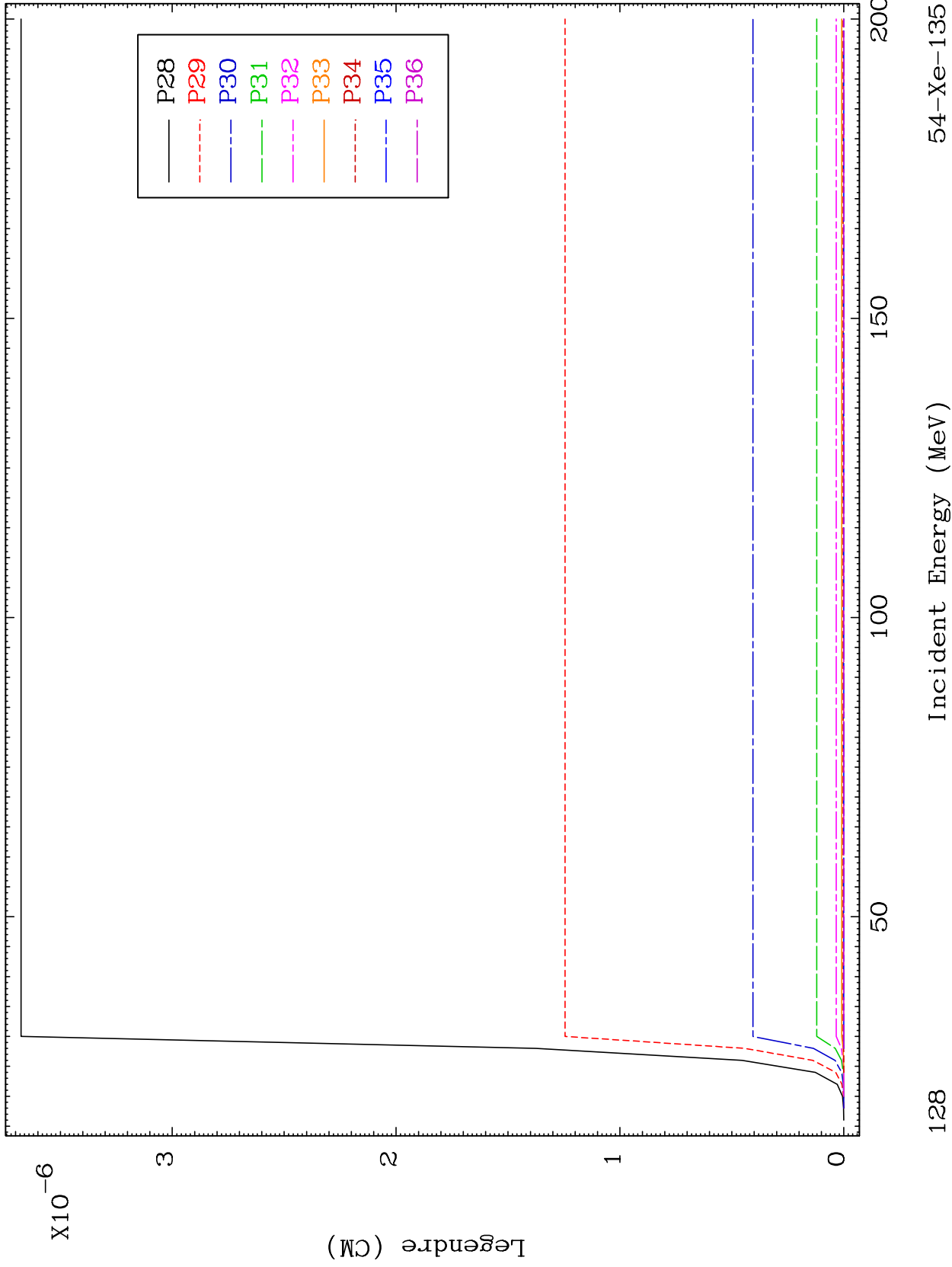
127

54-Xe-135

MAT 5458

2.372 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



128

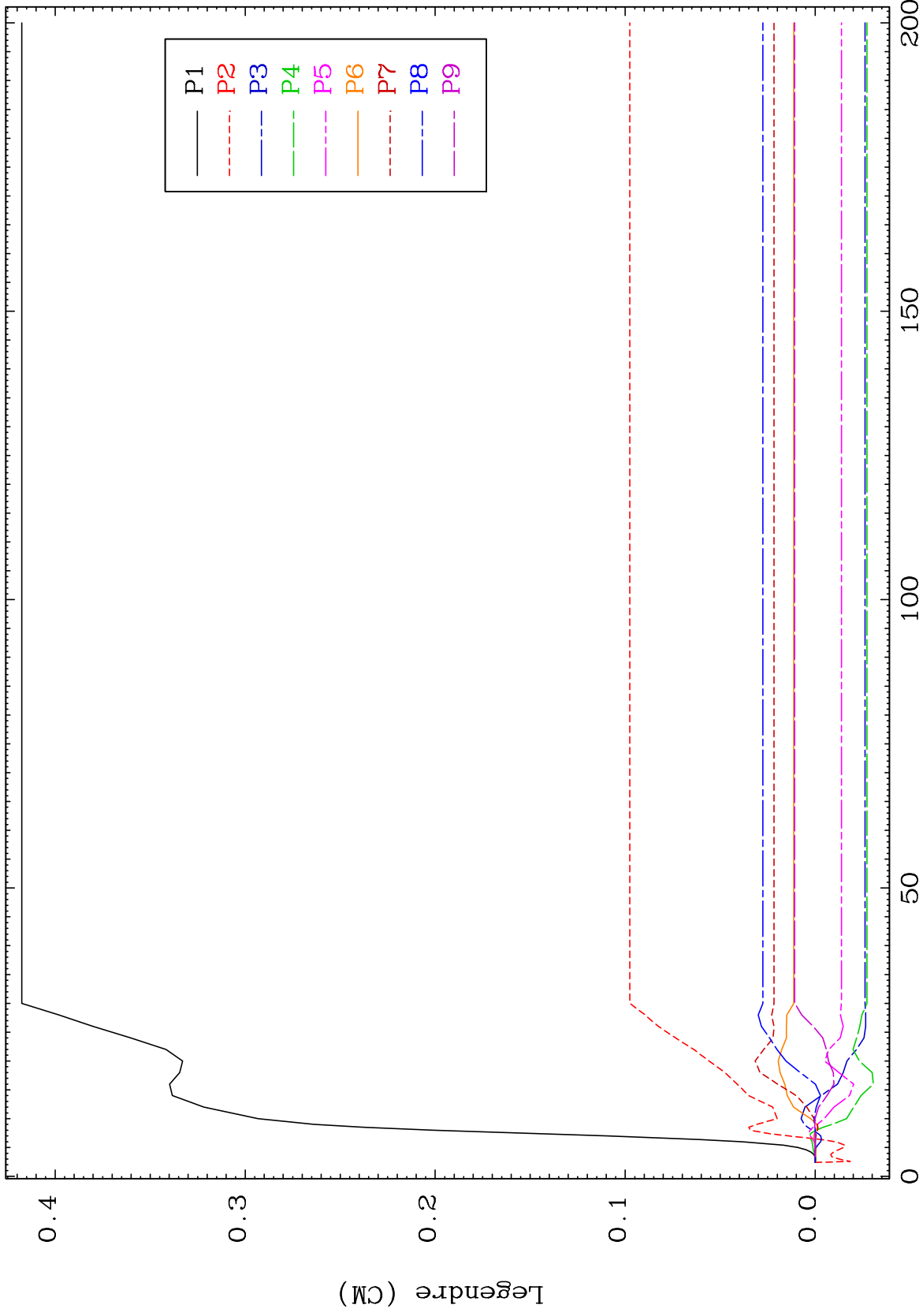
Incident Energy (MeV)

54-Xe-135

MAT 5458

2.387 MeV (n,n') Level
Legendre Coefficients

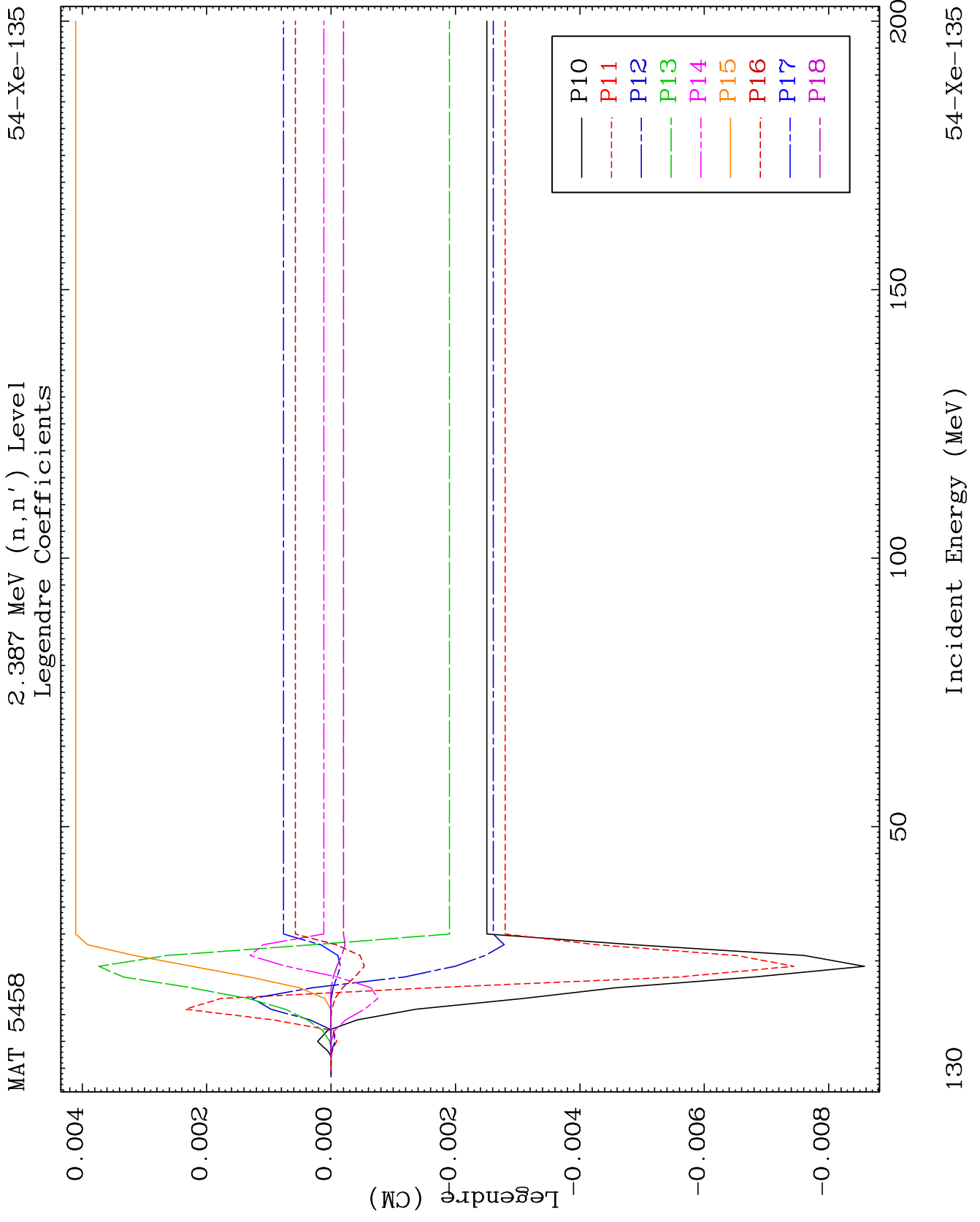
54-Xe-135

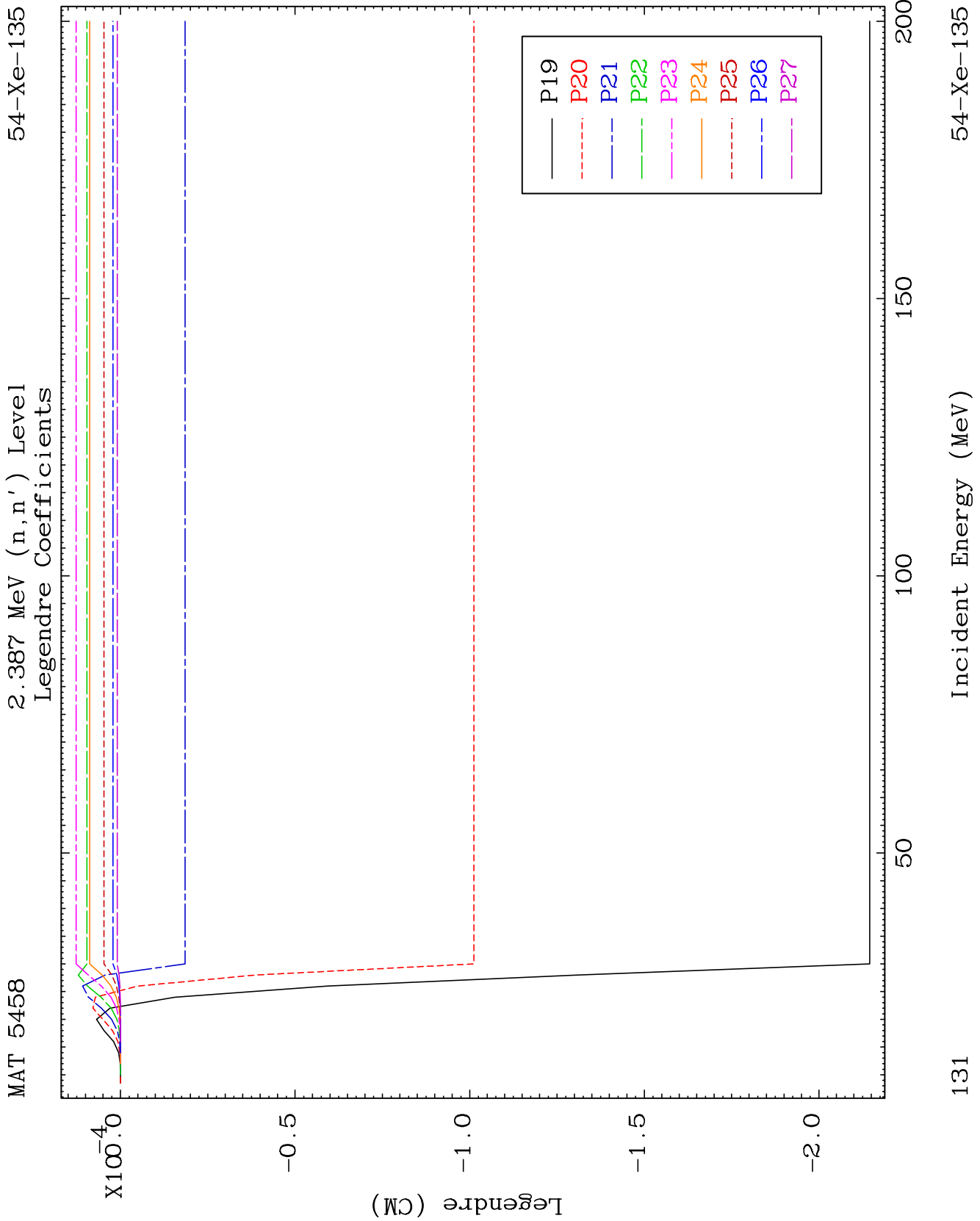


129

Incident Energy (MeV)

54-Xe-135

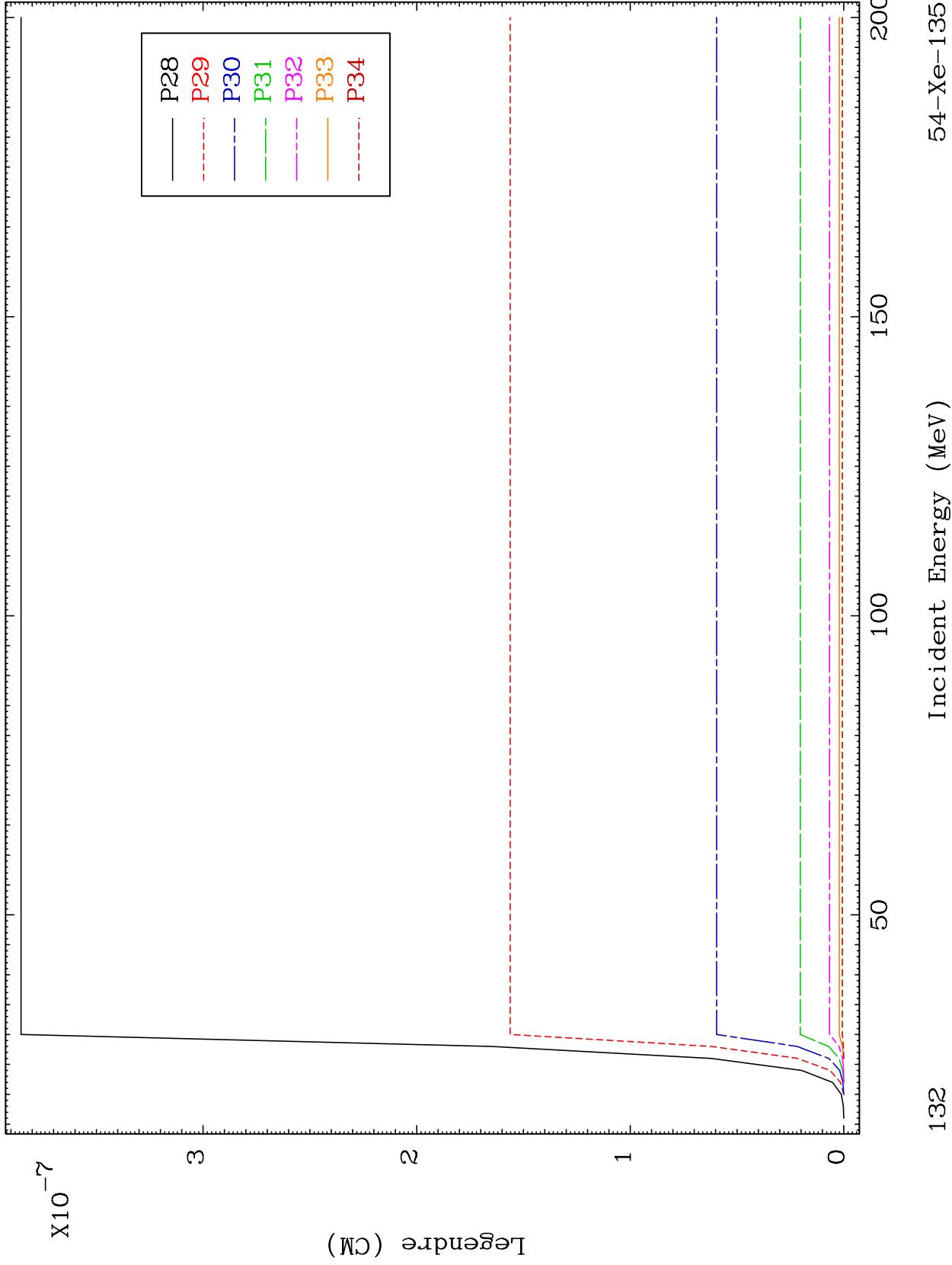




MAT 5458

2.387 MeV (n,n') Level
Legendre Coefficients

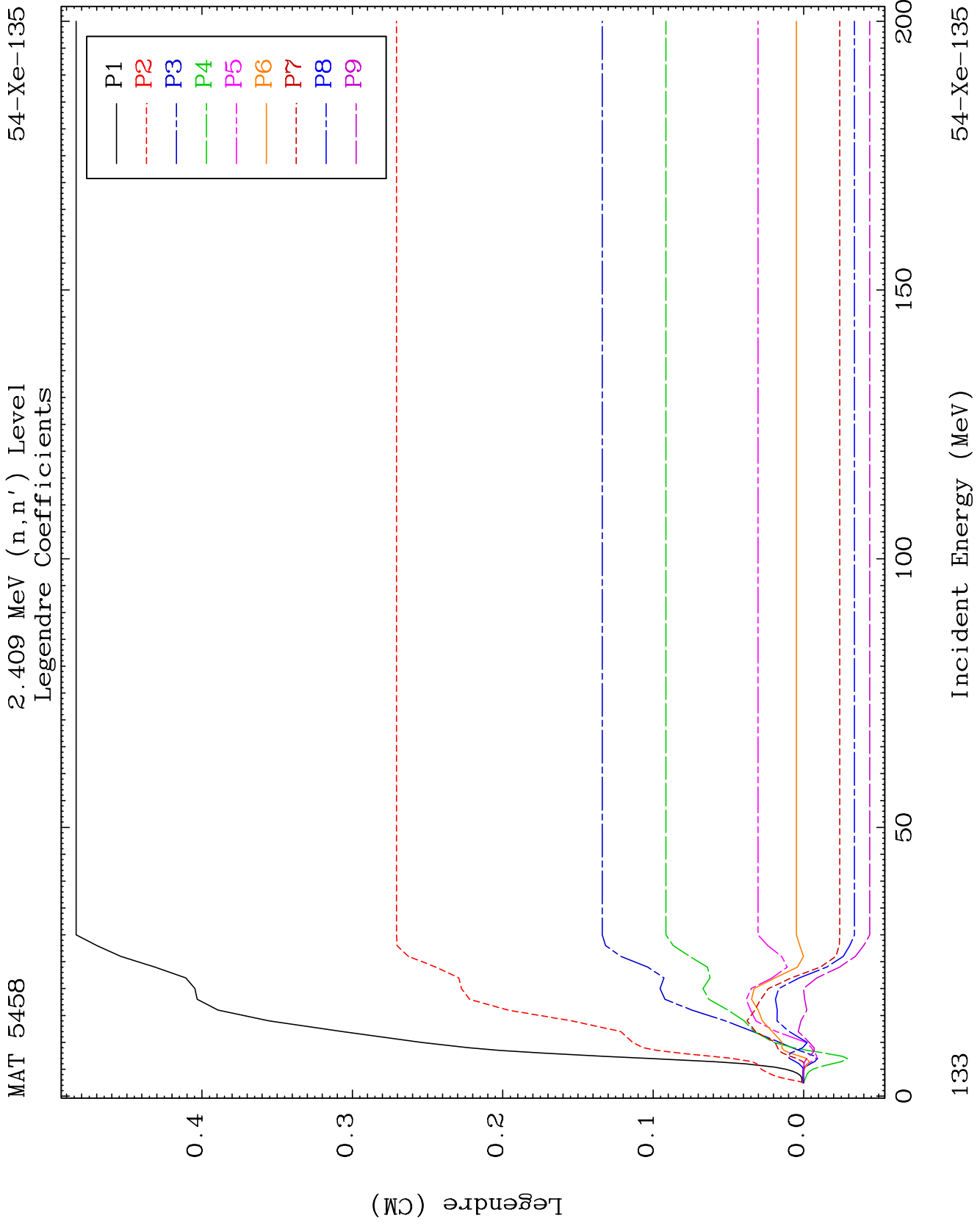
54-Xe-135



132

Incident Energy (MeV)

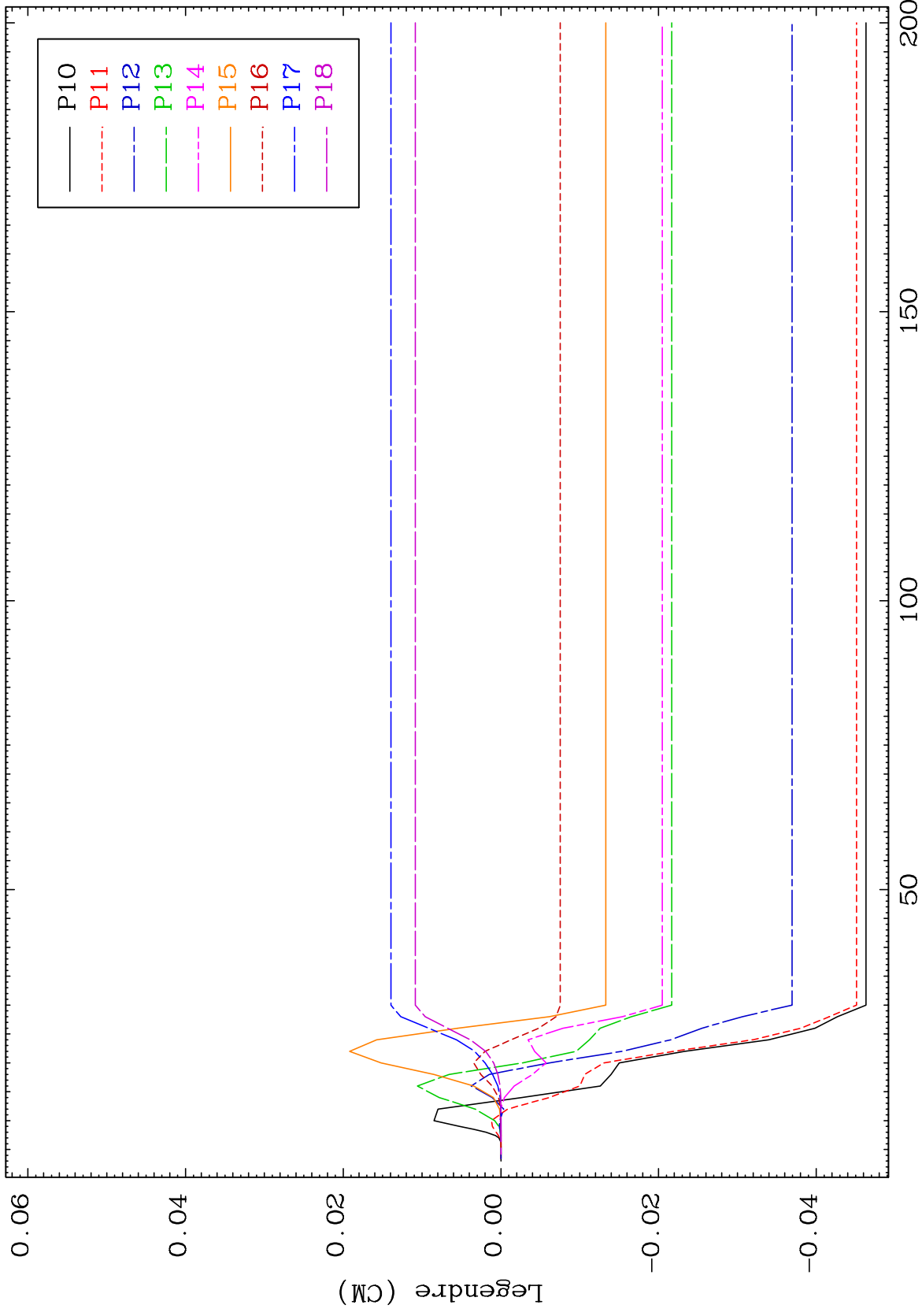
54-Xe-135



MAT 5458

2.409 MeV (n,n') Level
Legendre Coefficients

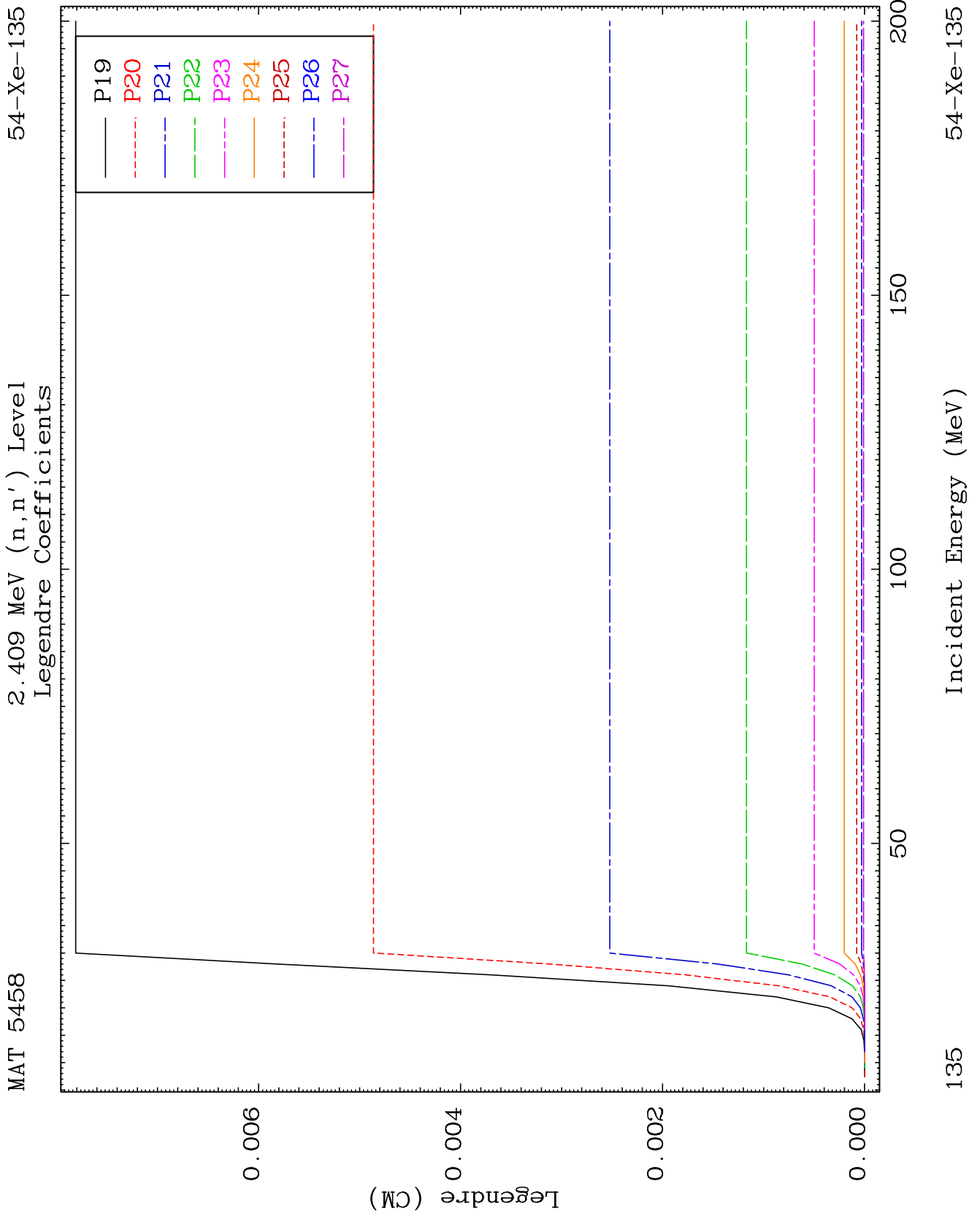
54-Xe-135



134

Incident Energy (MeV)

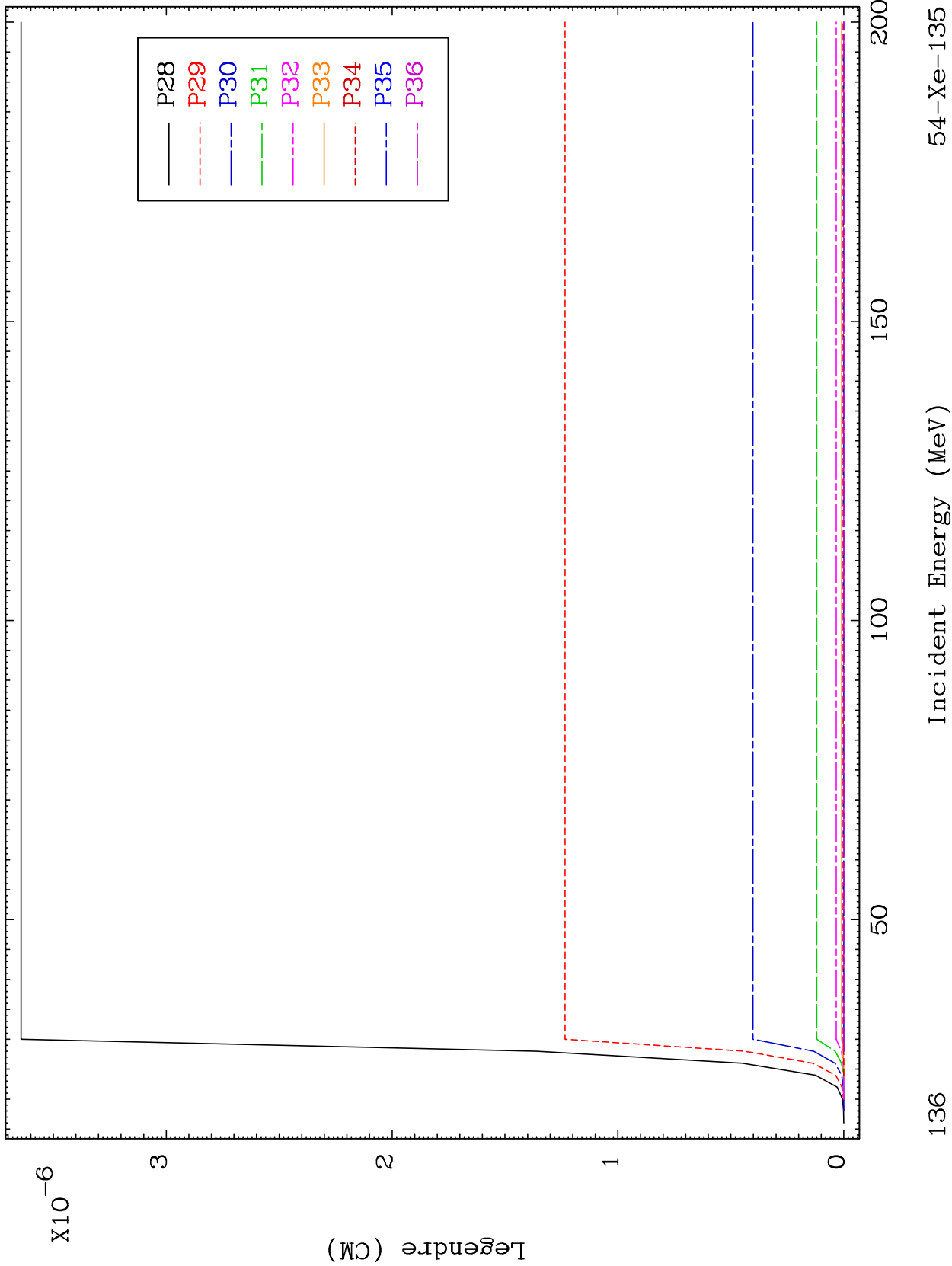
54-Xe-135



MAT 5458

2.409 MeV (n,n') Level
Legendre Coefficients

54-Xe-135



136

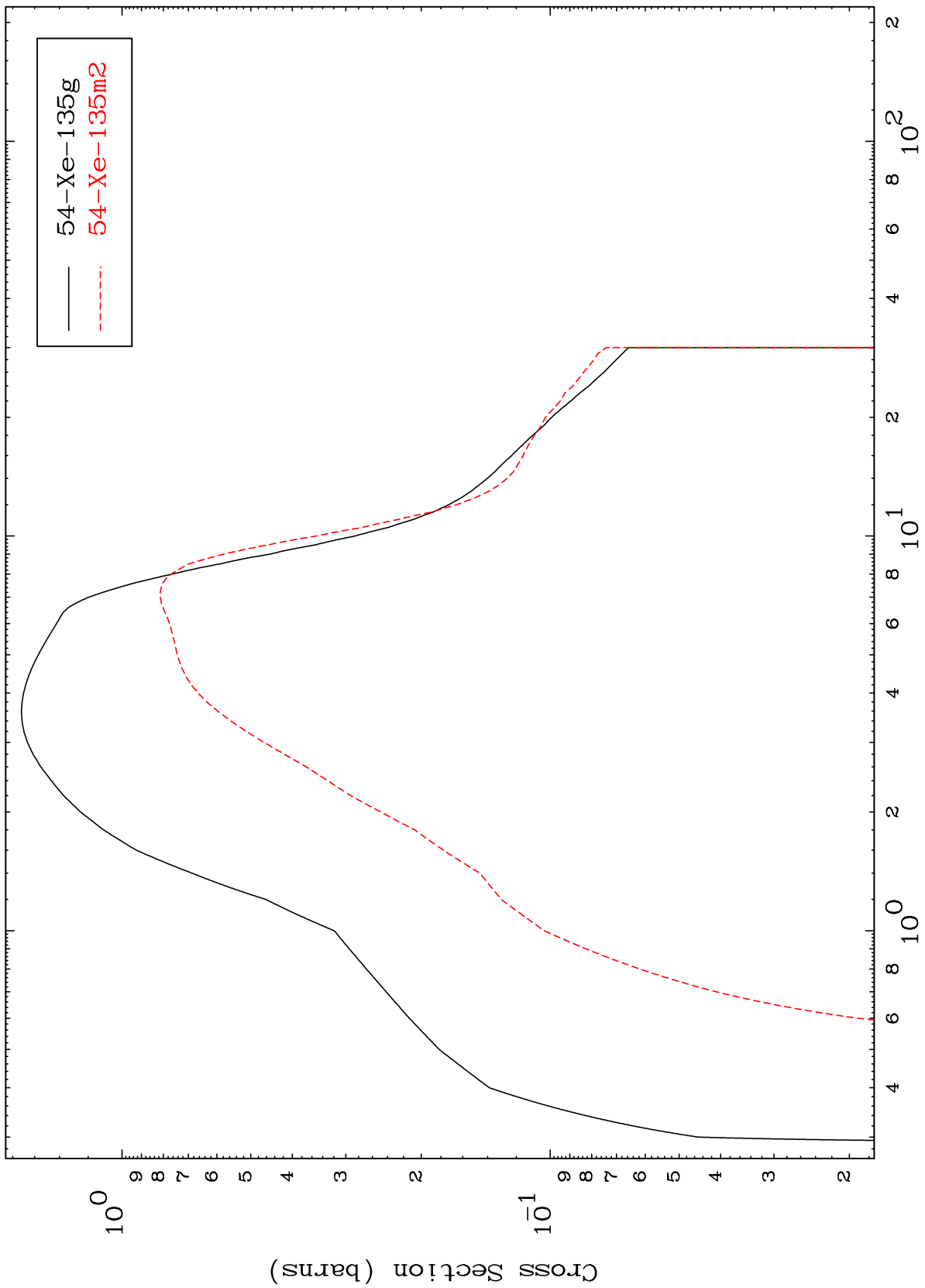
Incident Energy (MeV)

54-Xe-135

MAT 5458

54-Xe-135

Inelastic
Radionuclide Production Cross Section



137

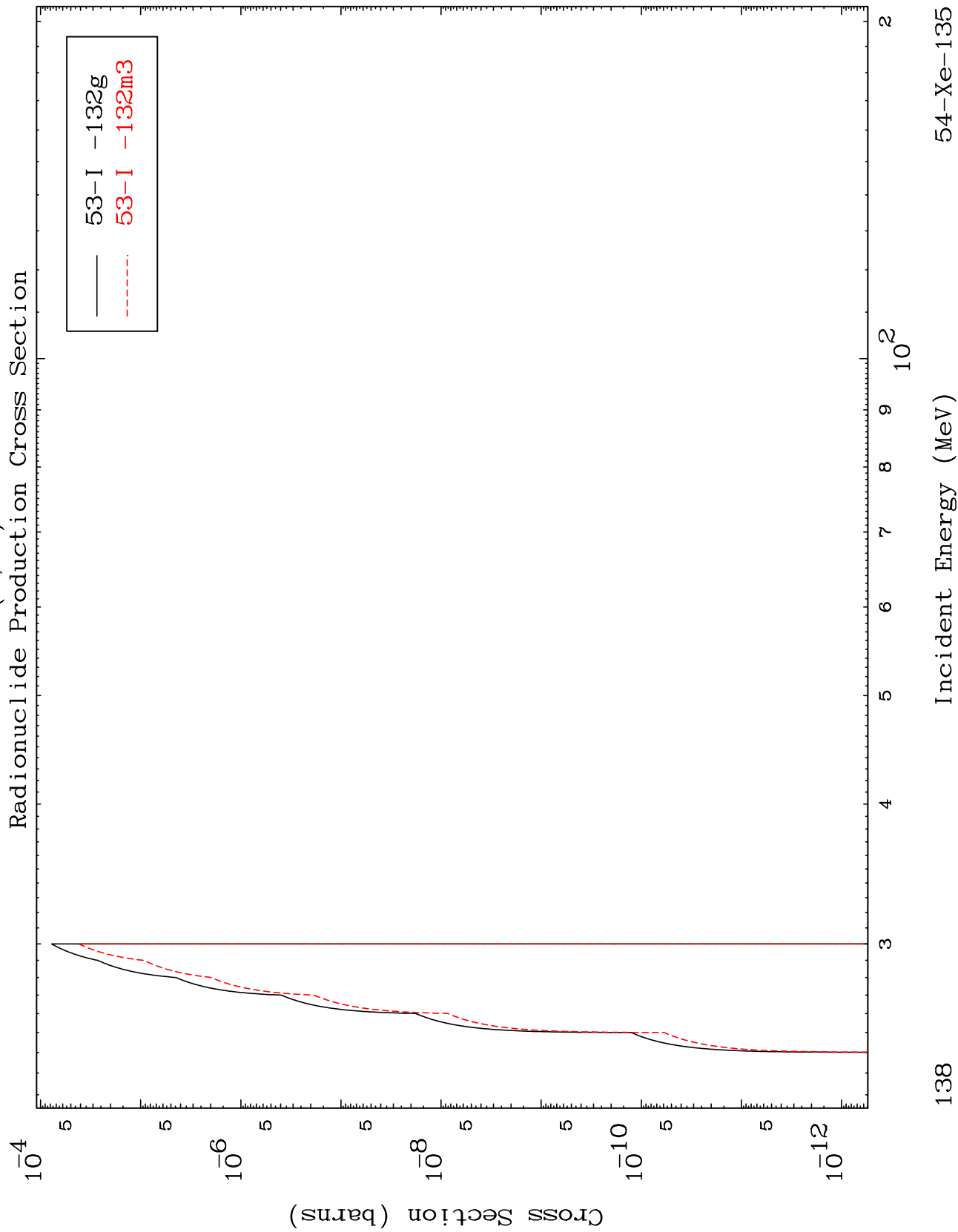
54-Xe-135

Incident Energy (MeV)

MAT 5458

(n,2n) d

54-Xe-135



138

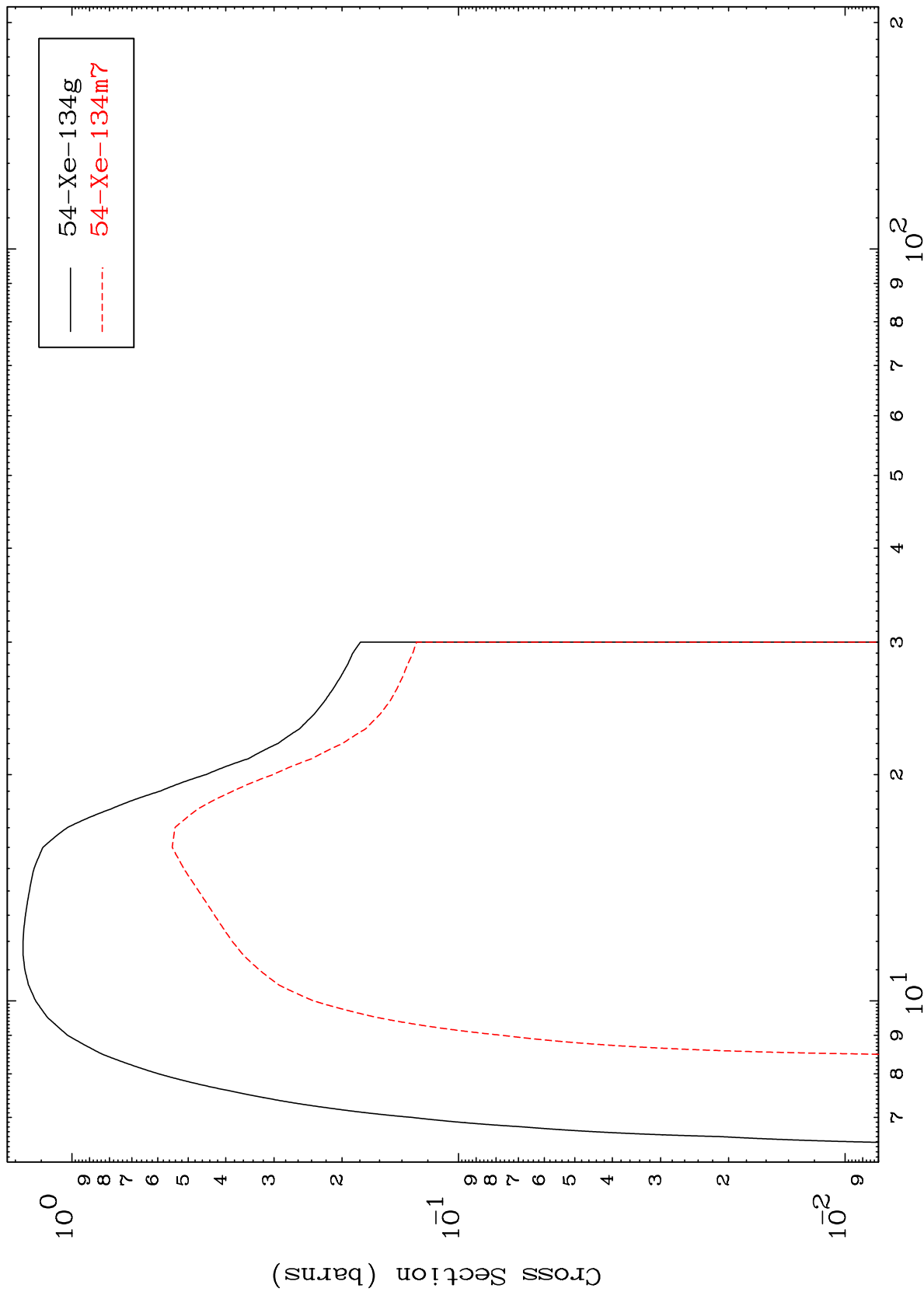
54-Xe-135

MAT 5458

54-Xe-135

(n,2n)

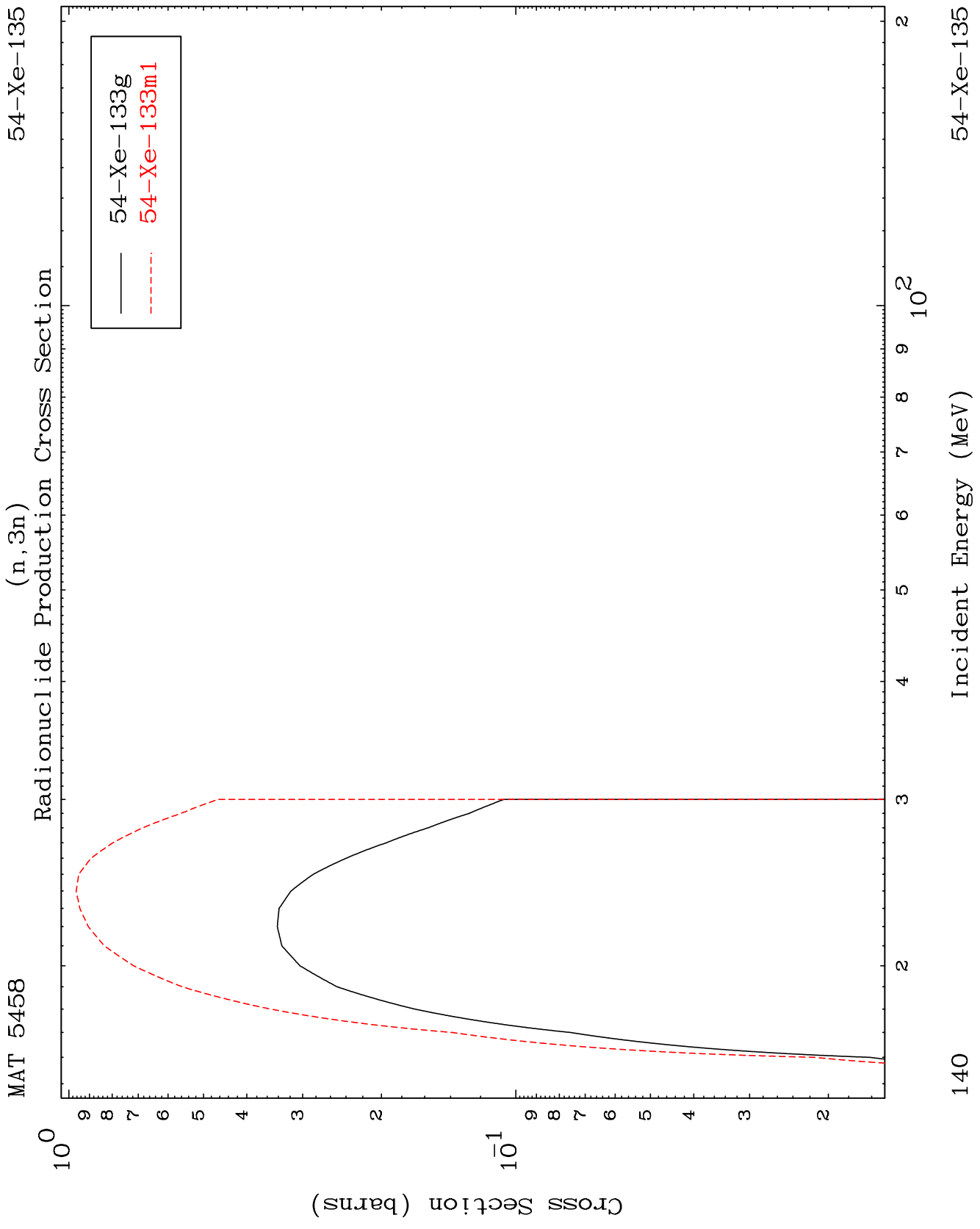
Radionuclide Production Cross Section



139

Incident Energy (MeV)

54-Xe-135

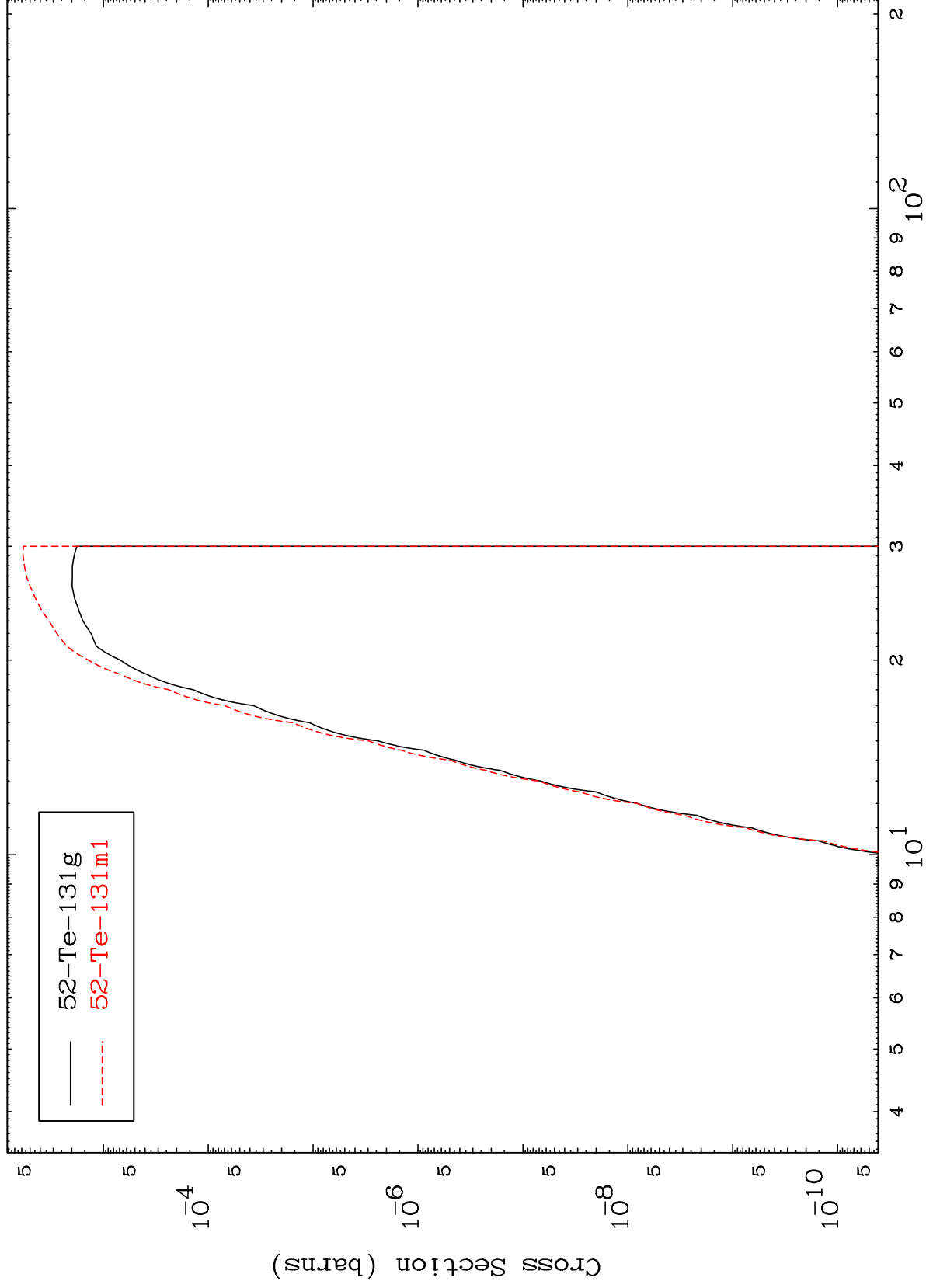


MAT 5458

54-Xe-135

(n,n') α

Radionuclide Production Cross Section



141

Incident Energy (MeV)

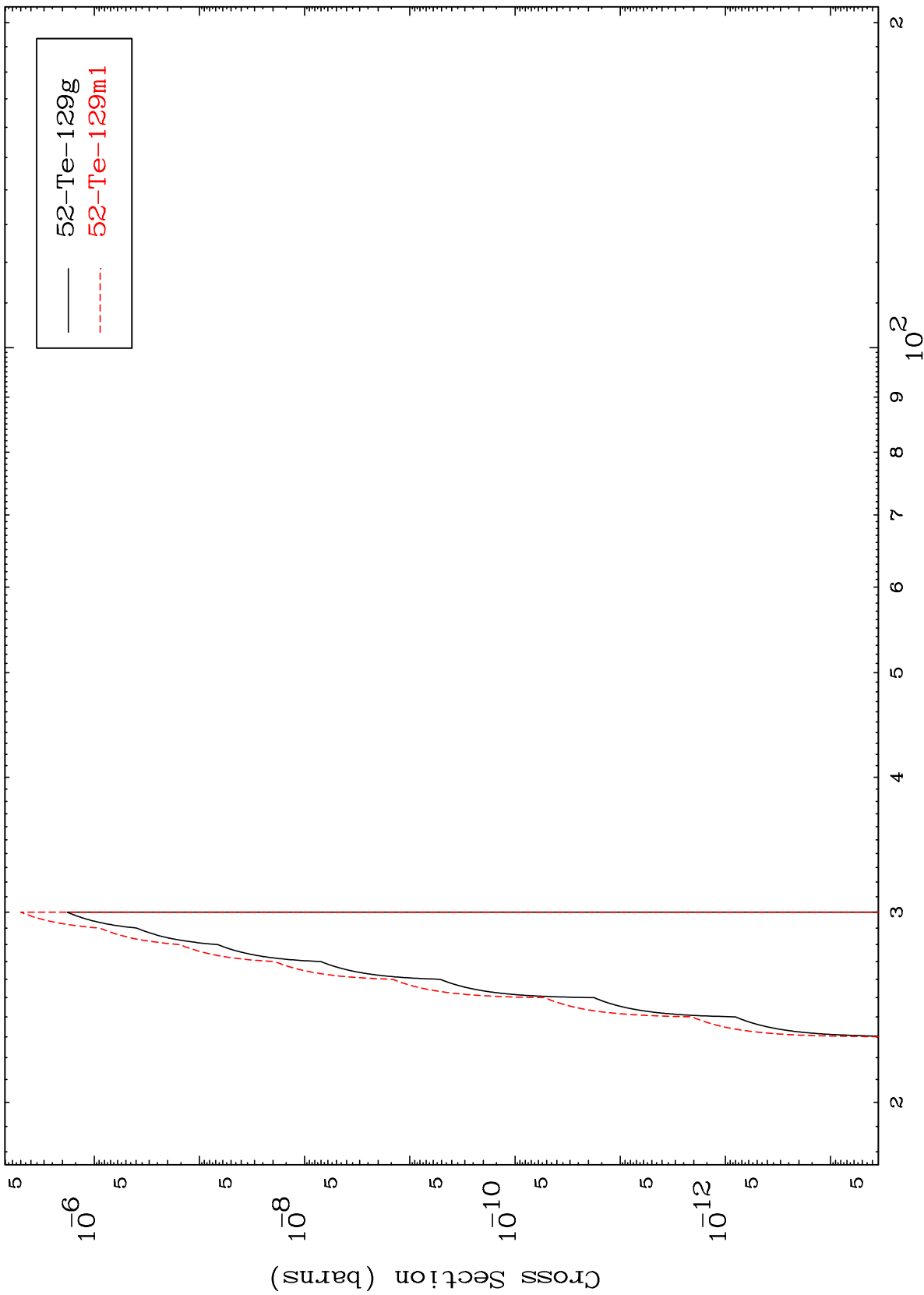
54-Xe-135

MAT 5458

(n,3n) α

54-Xe-135

Radionuclide Production Cross Section



142

Incident Energy (MeV)

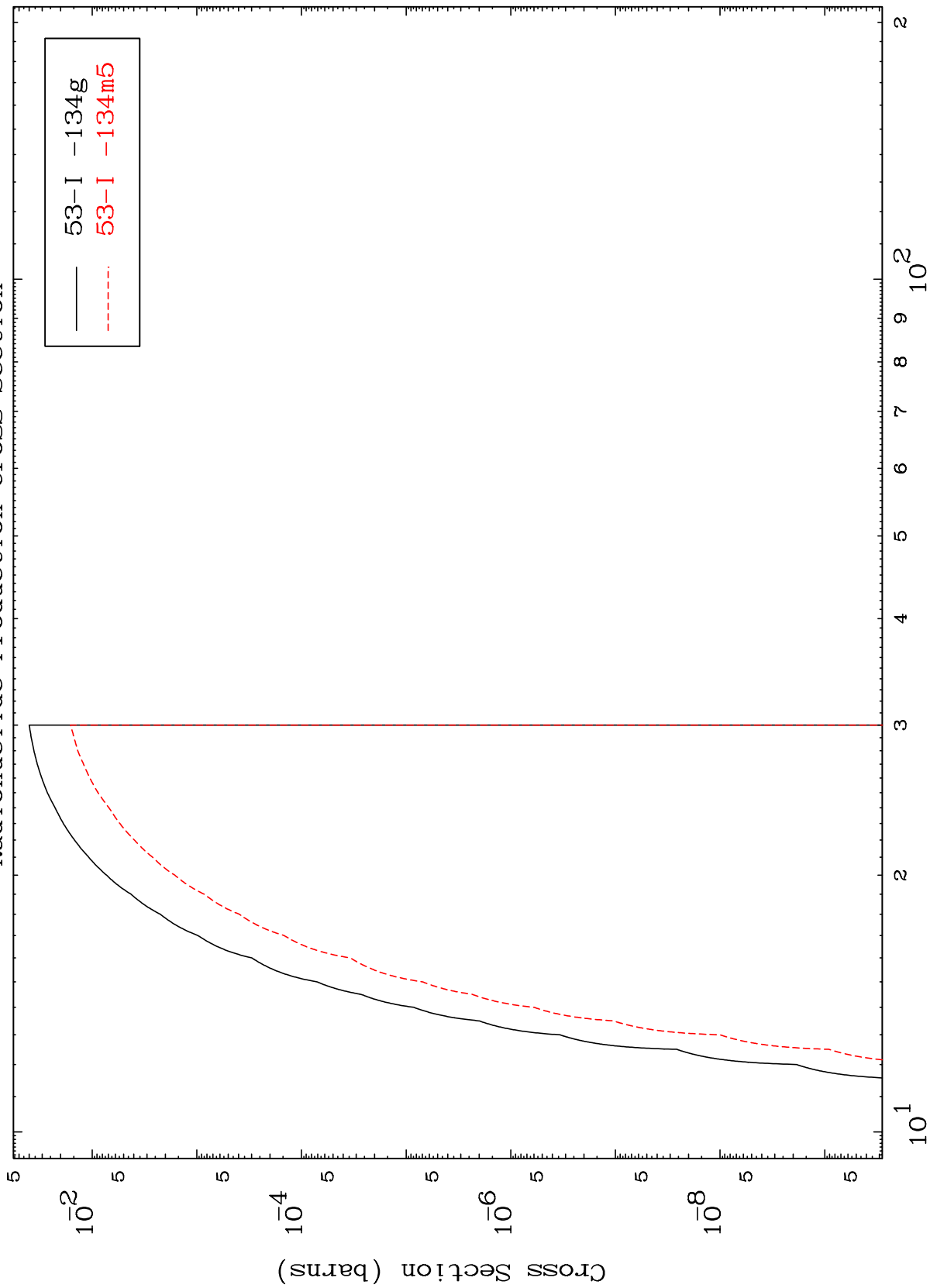
54-Xe-135

MAT 5458

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



Incident Energy (MeV)

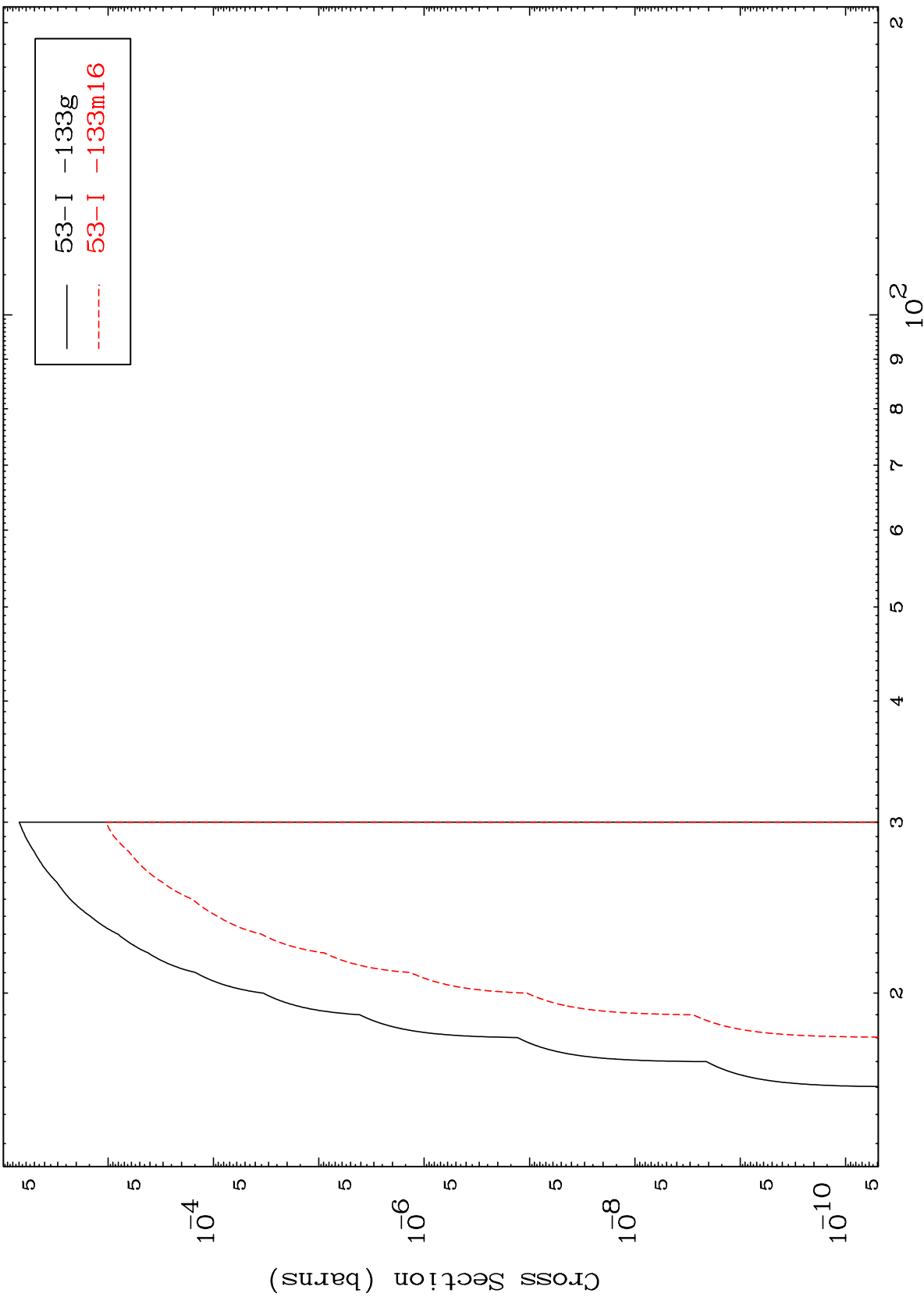
54-Xe-135

MAT 5458

(n,n') d

54-Xe-135

Radionuclide Production Cross Section



144

Incident Energy (MeV)

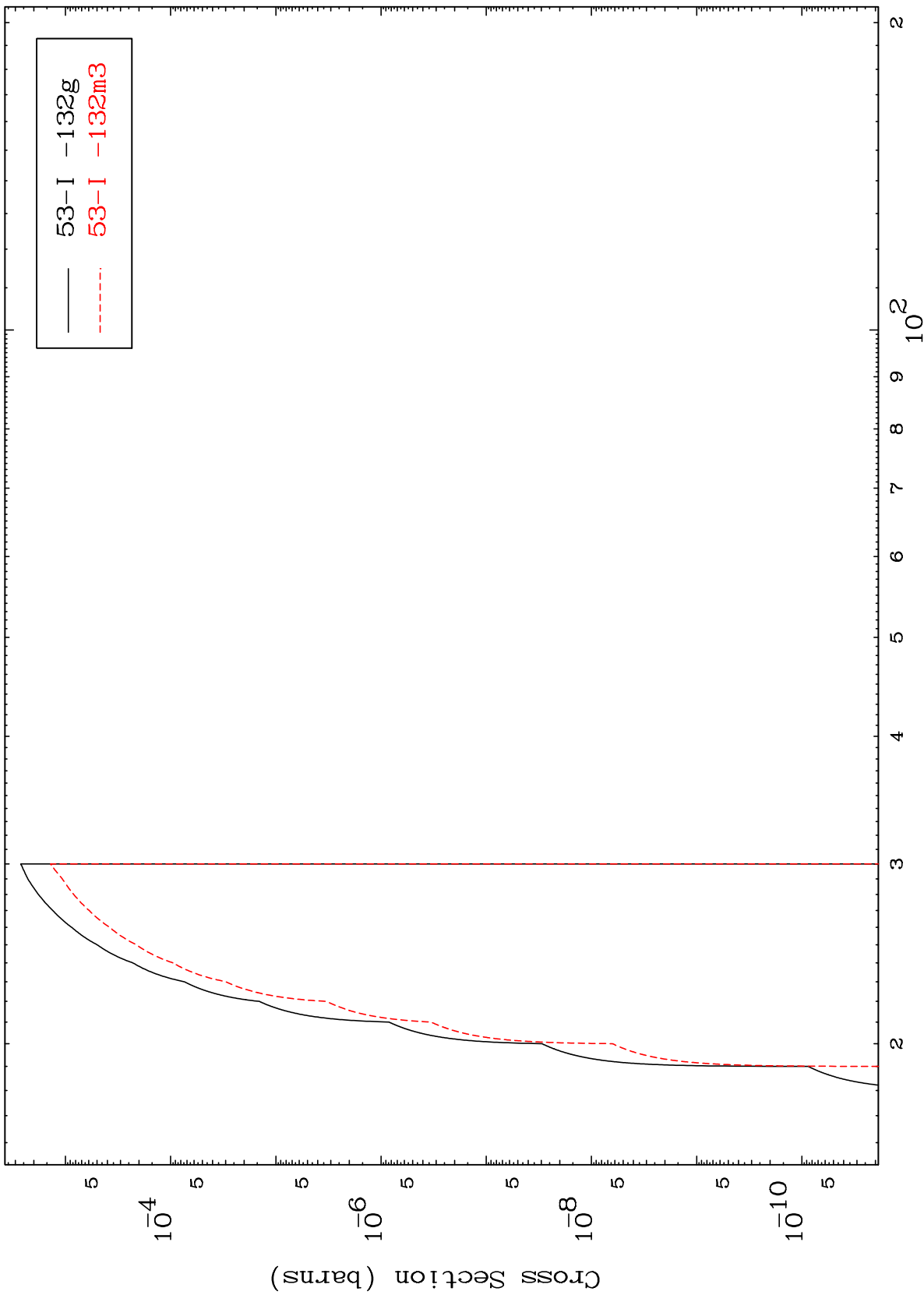
54-Xe-135

MAT 5458

(n,n') t

54-Xe-135

Radionuclide Production Cross Section

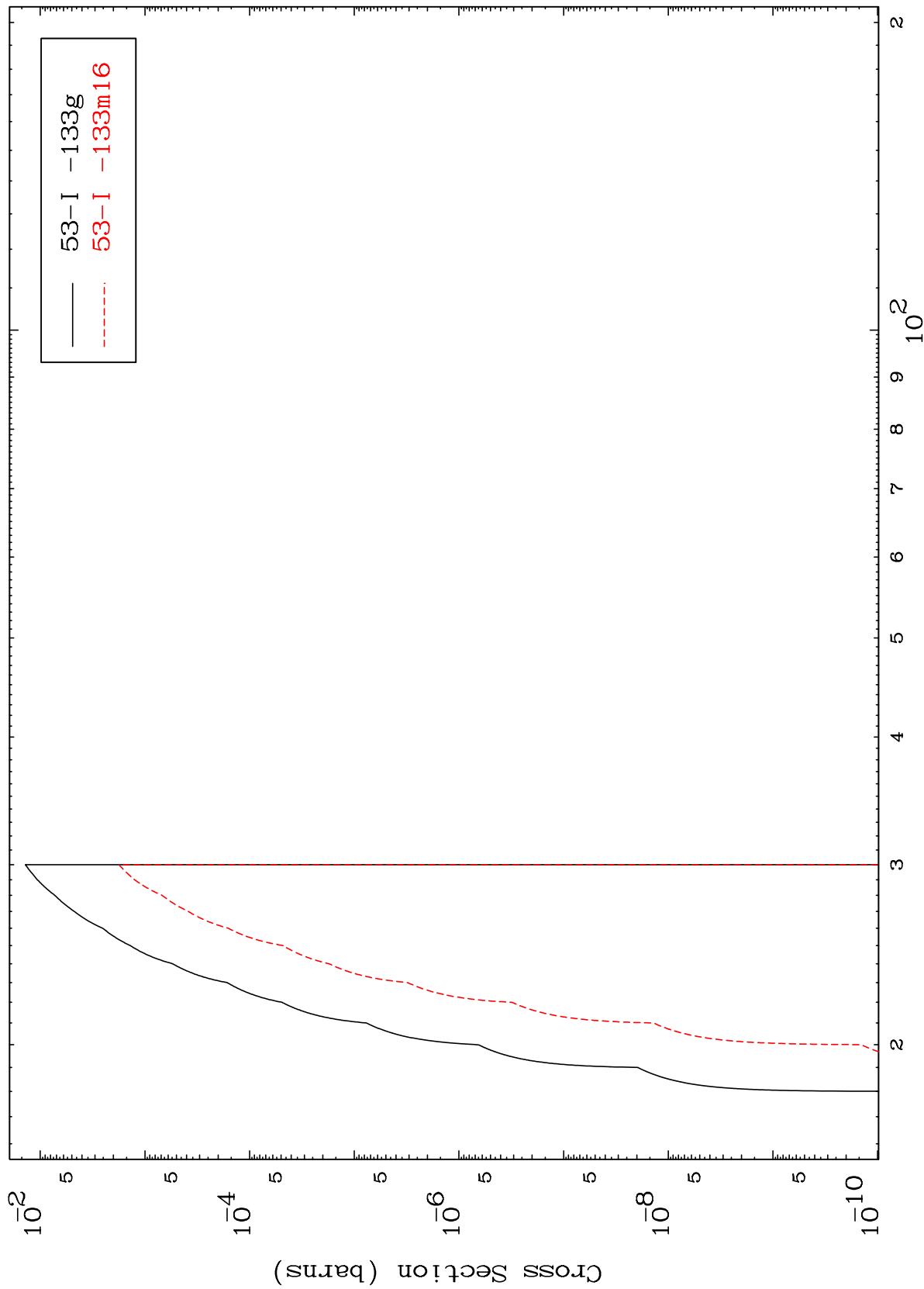


145

Incident Energy (MeV)

54-Xe-135

Radionuclide Production Cross Section

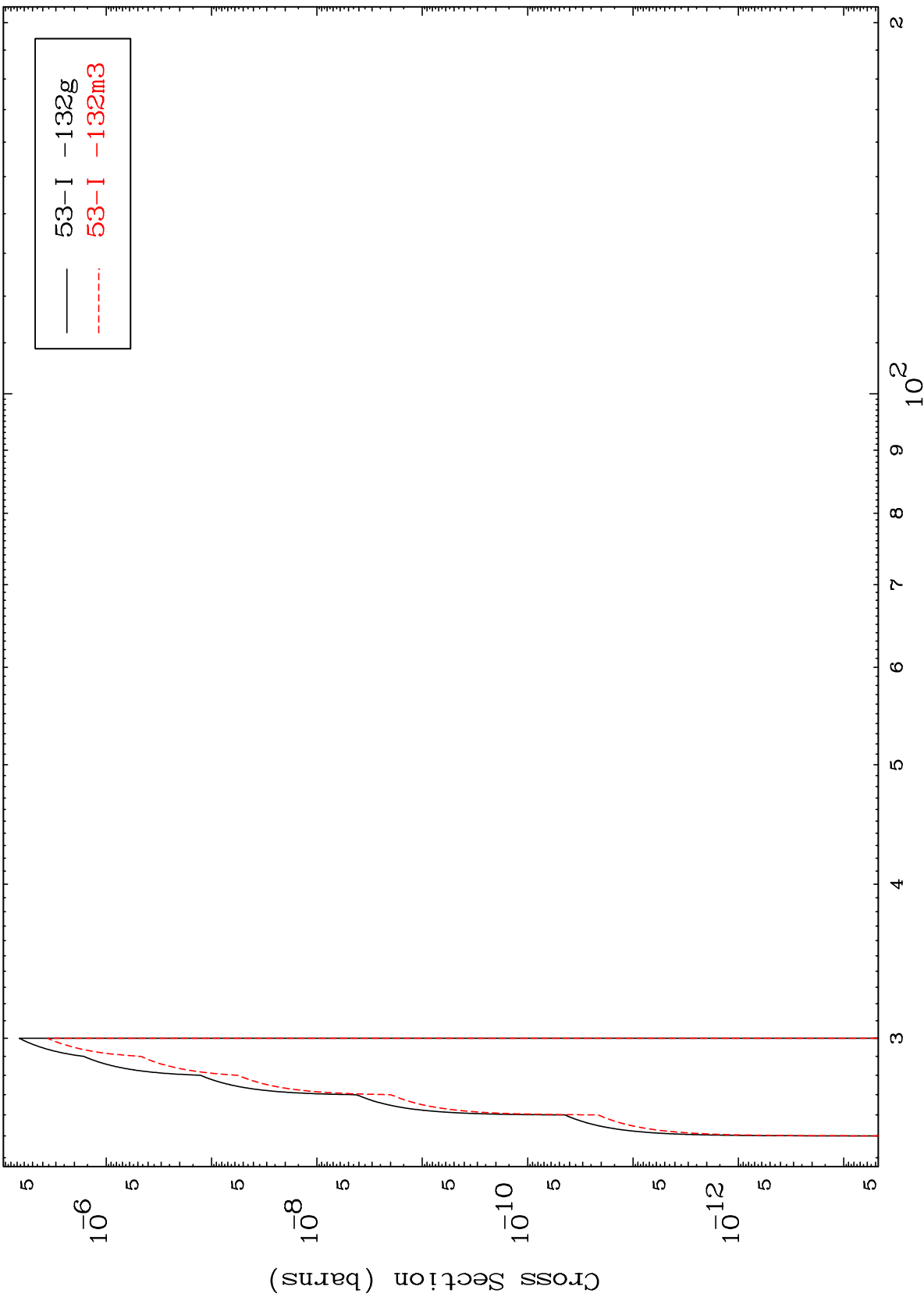


MAT 5458

(n,3n) p

54-Xe-135

Radionuclide Production Cross Section



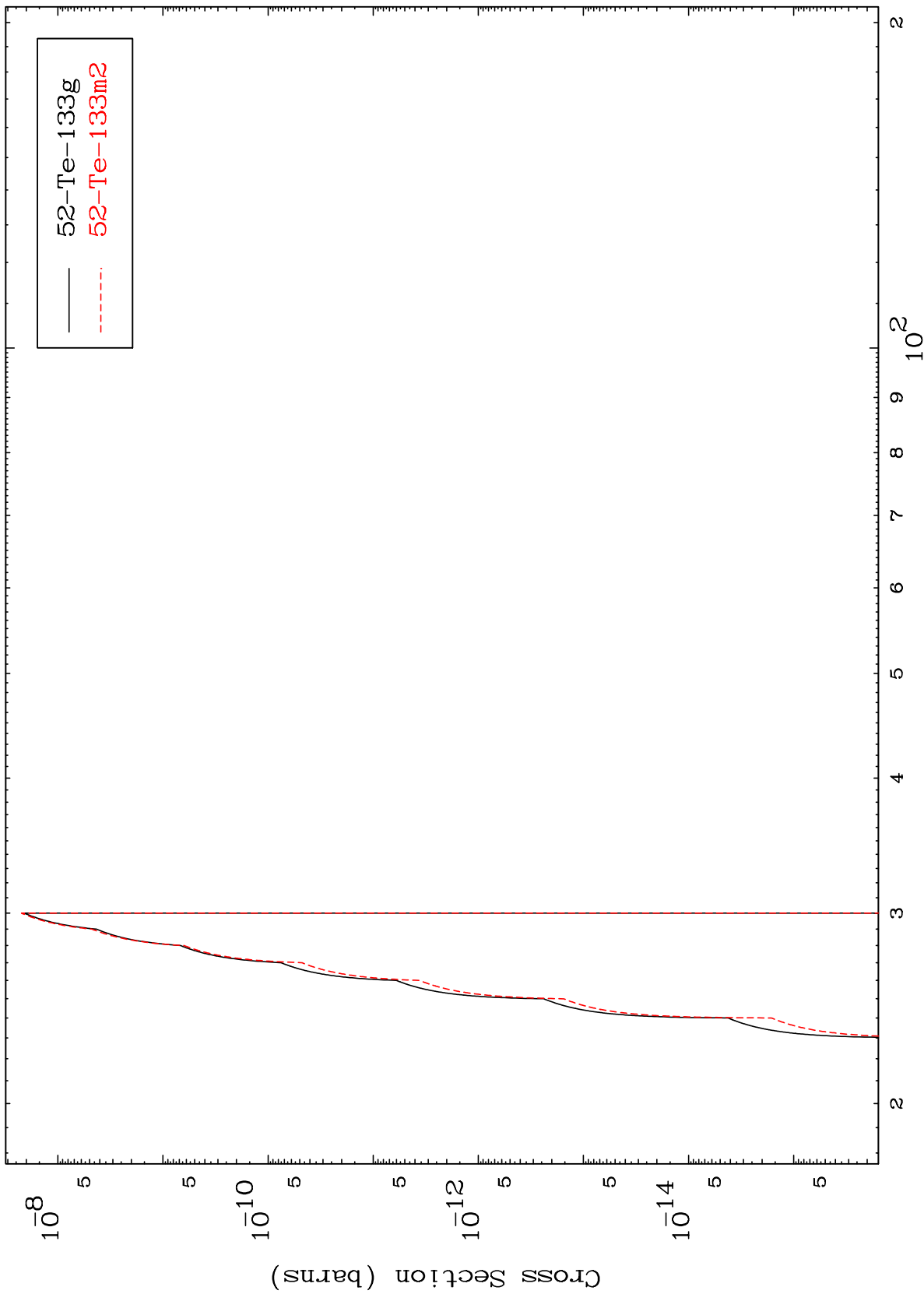
53-I - 132g
53-I - 132m3

147

Incident Energy (MeV)

54-Xe-135

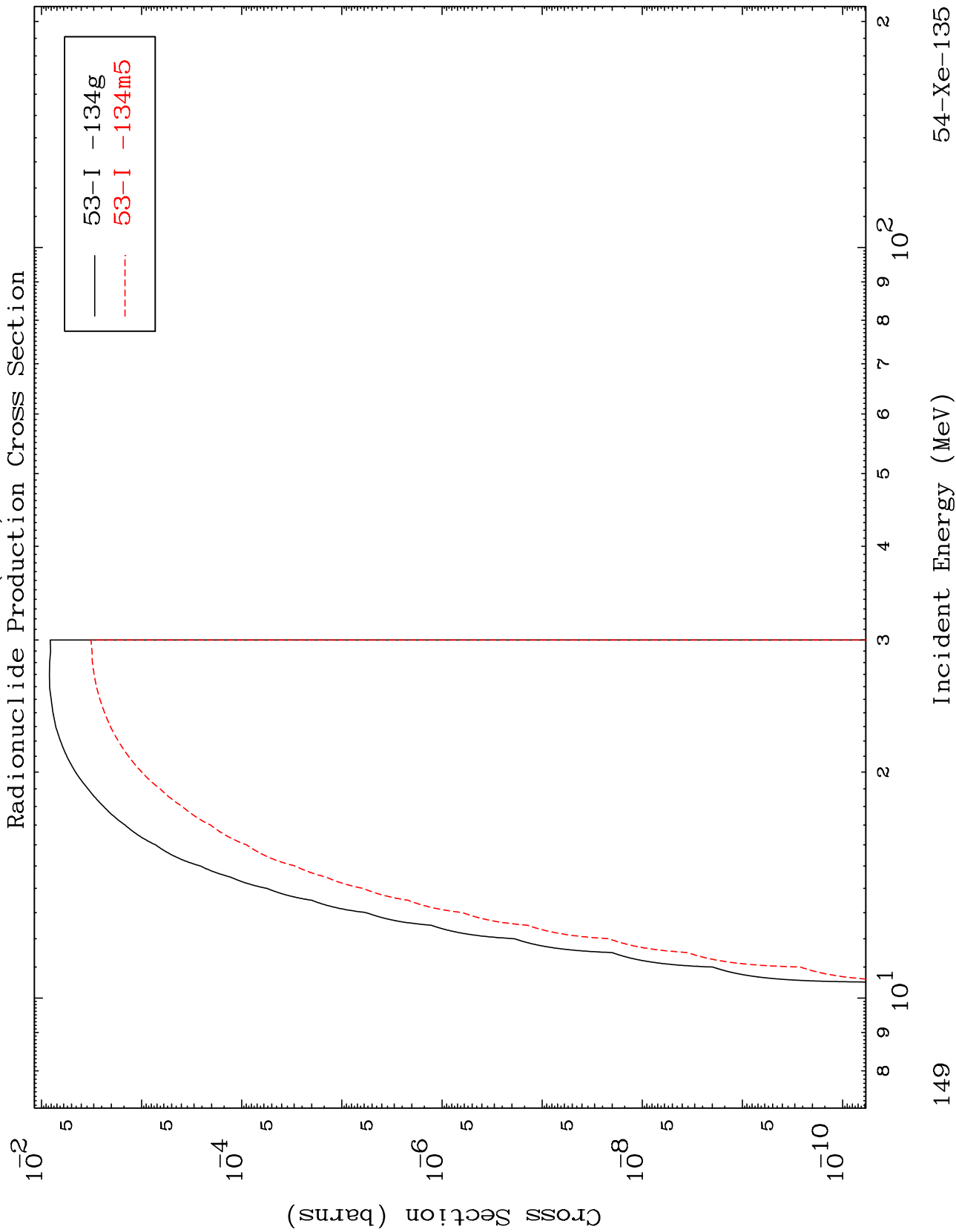
Radionuclide Production Cross Section



MAT 5458

(n,d)

54-Xe-135



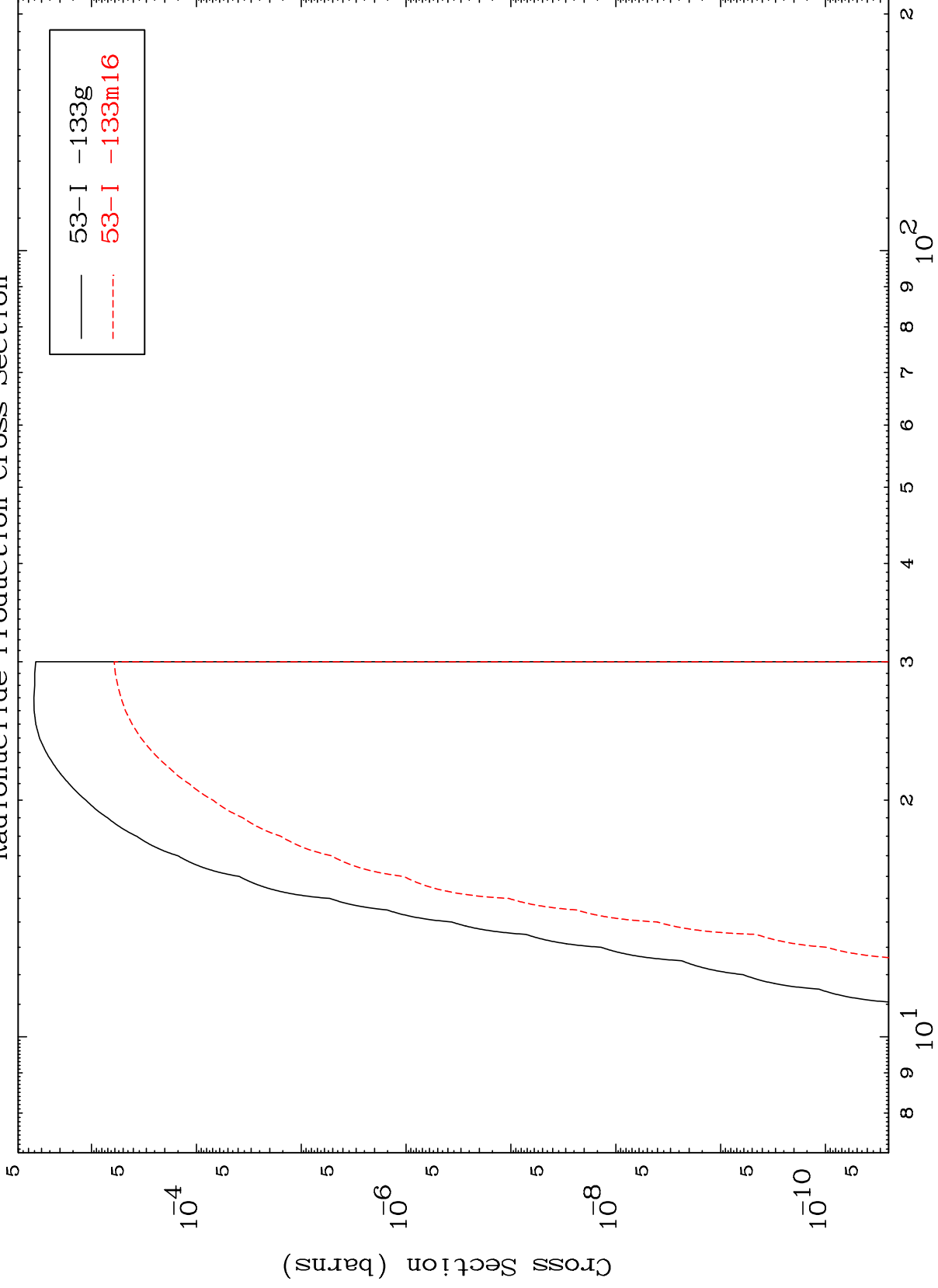
149

54-Xe-135

MAT 5458

54-Xe-135

(n, t)
Radionuclide Production Cross Section



54-Xe-135

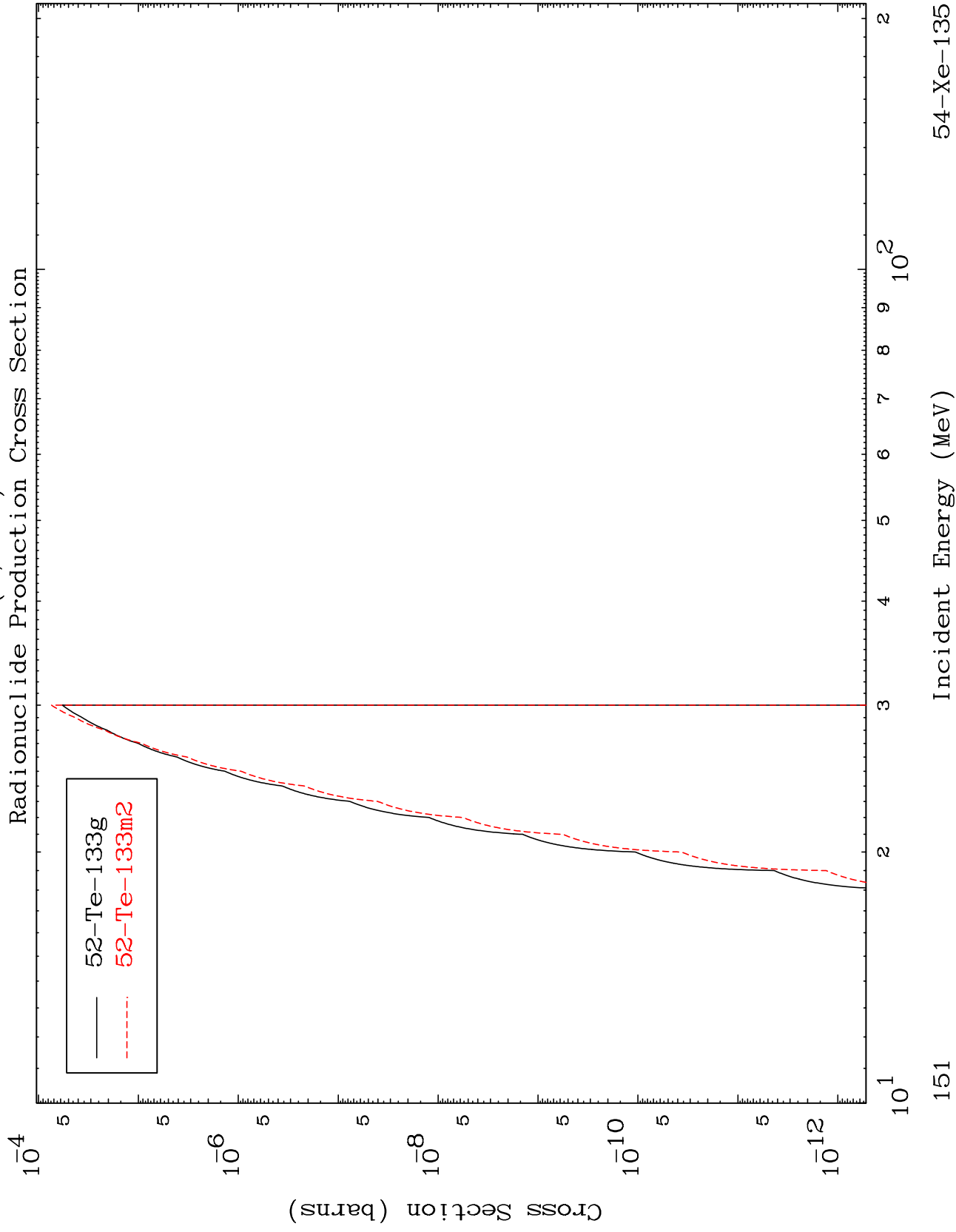
Incident Energy (MeV)

150

MAT 5458

(n,He-3)

54-Xe-135



Radionuclide Production Cross Section

