

Program EVALPLOT
(Version 2021-1)

by

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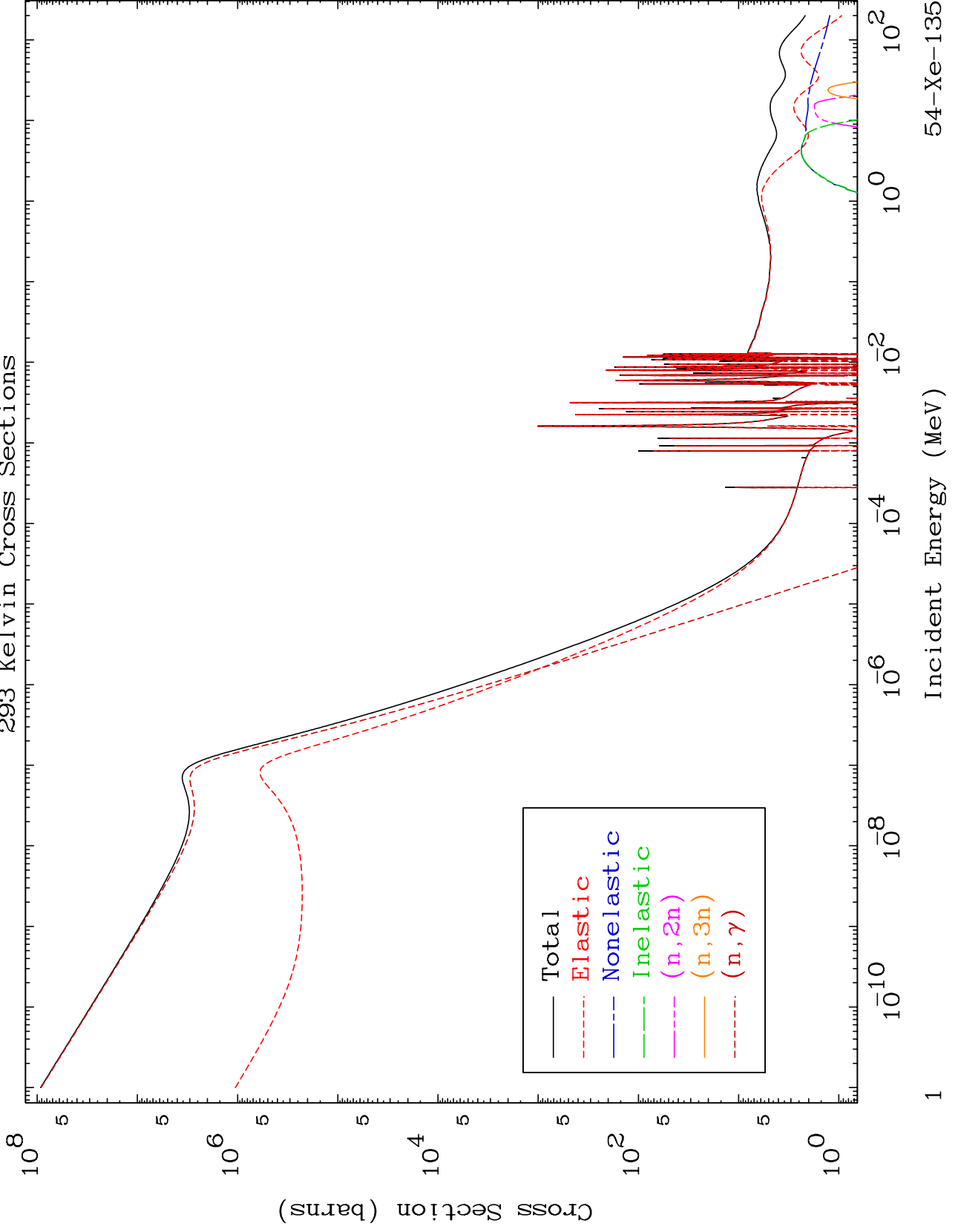
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Press Mouse Button to Start

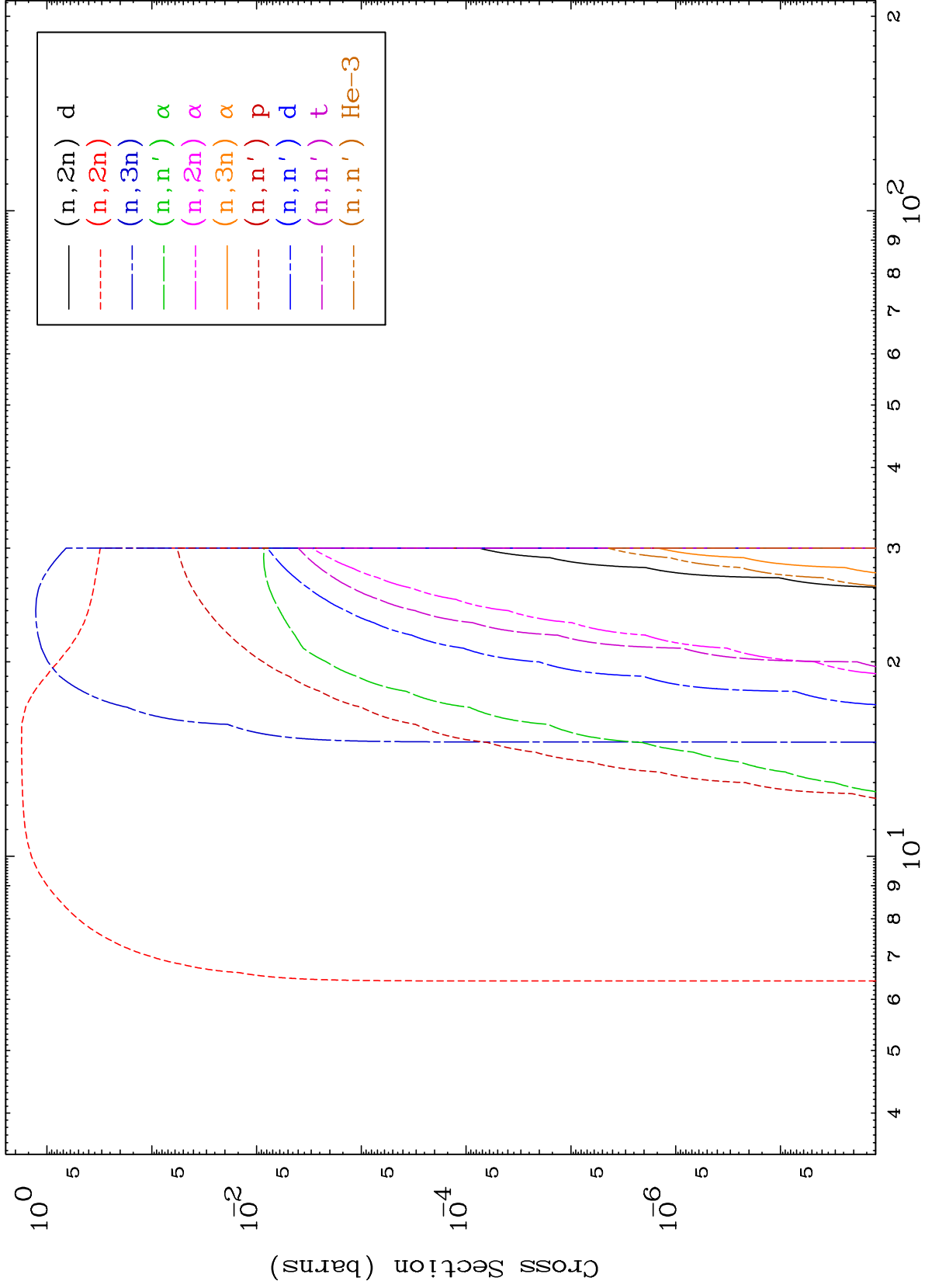
MAT 5458

Neutron Major
293 Kelvin Cross Sections

54-Xe-135



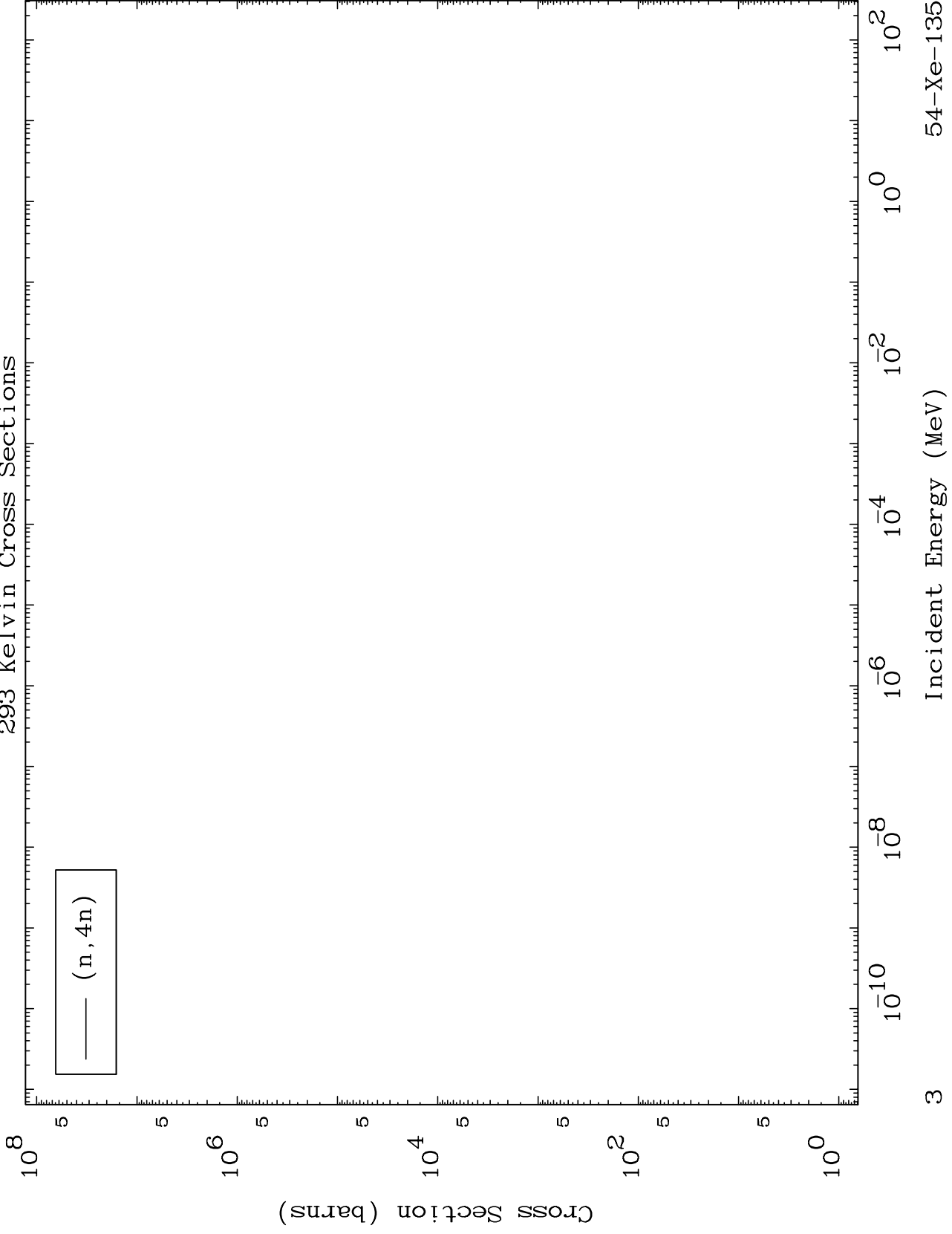
Neutron Absorption
293 Kelvin Cross Sections

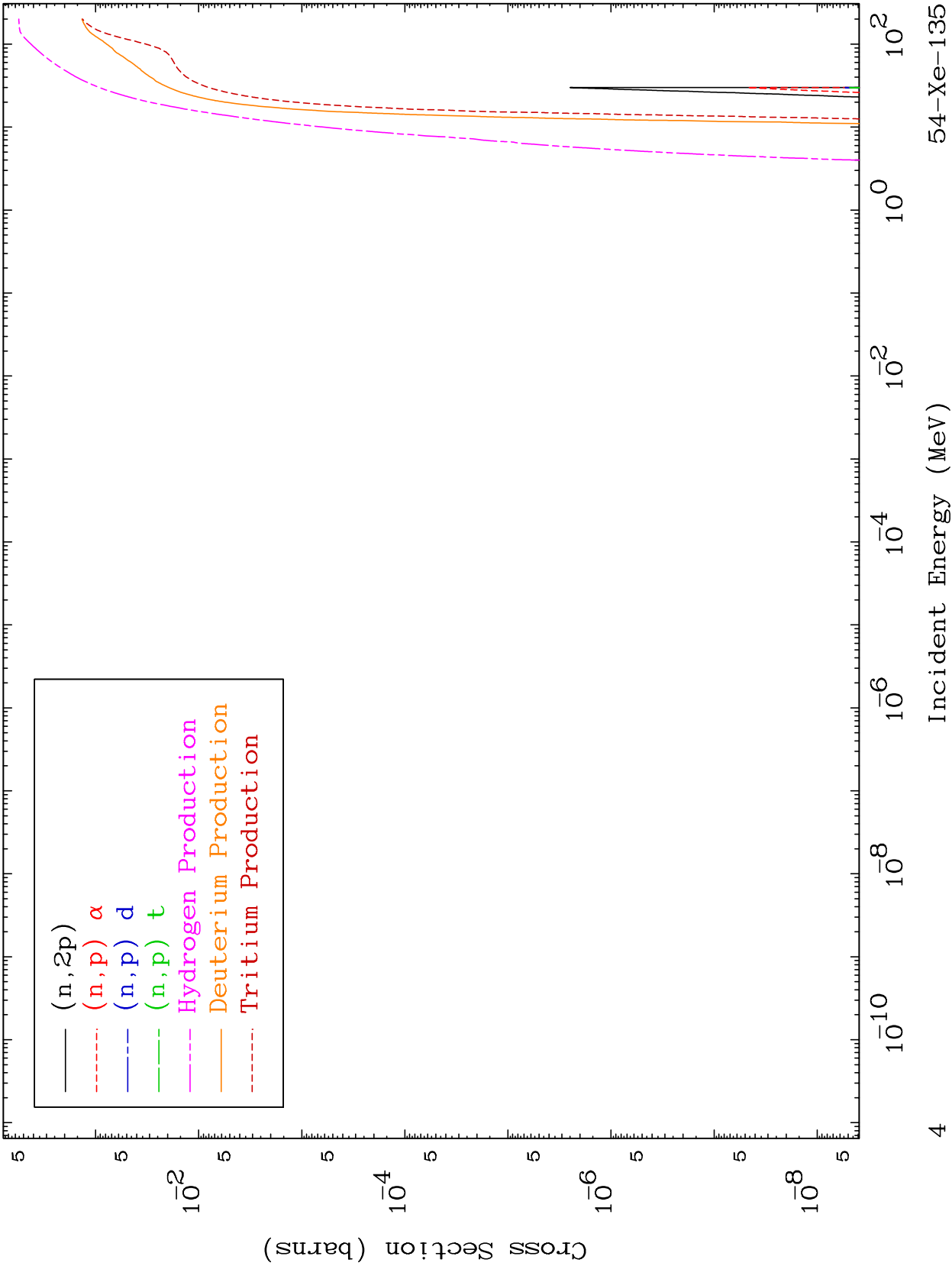


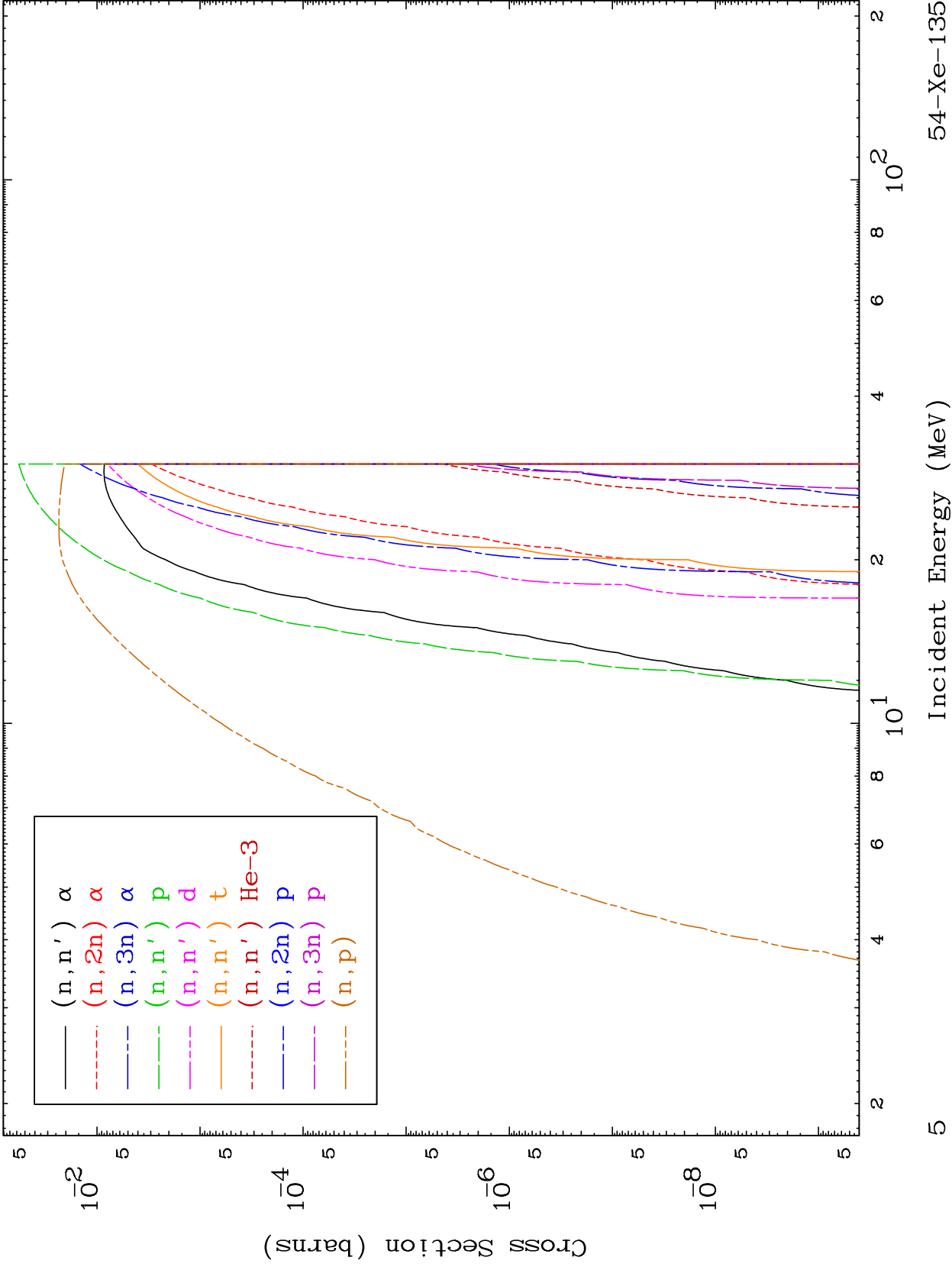
MAT 5458

Neutron Absorption
293 Kelvin Cross Sections

54-Xe-135



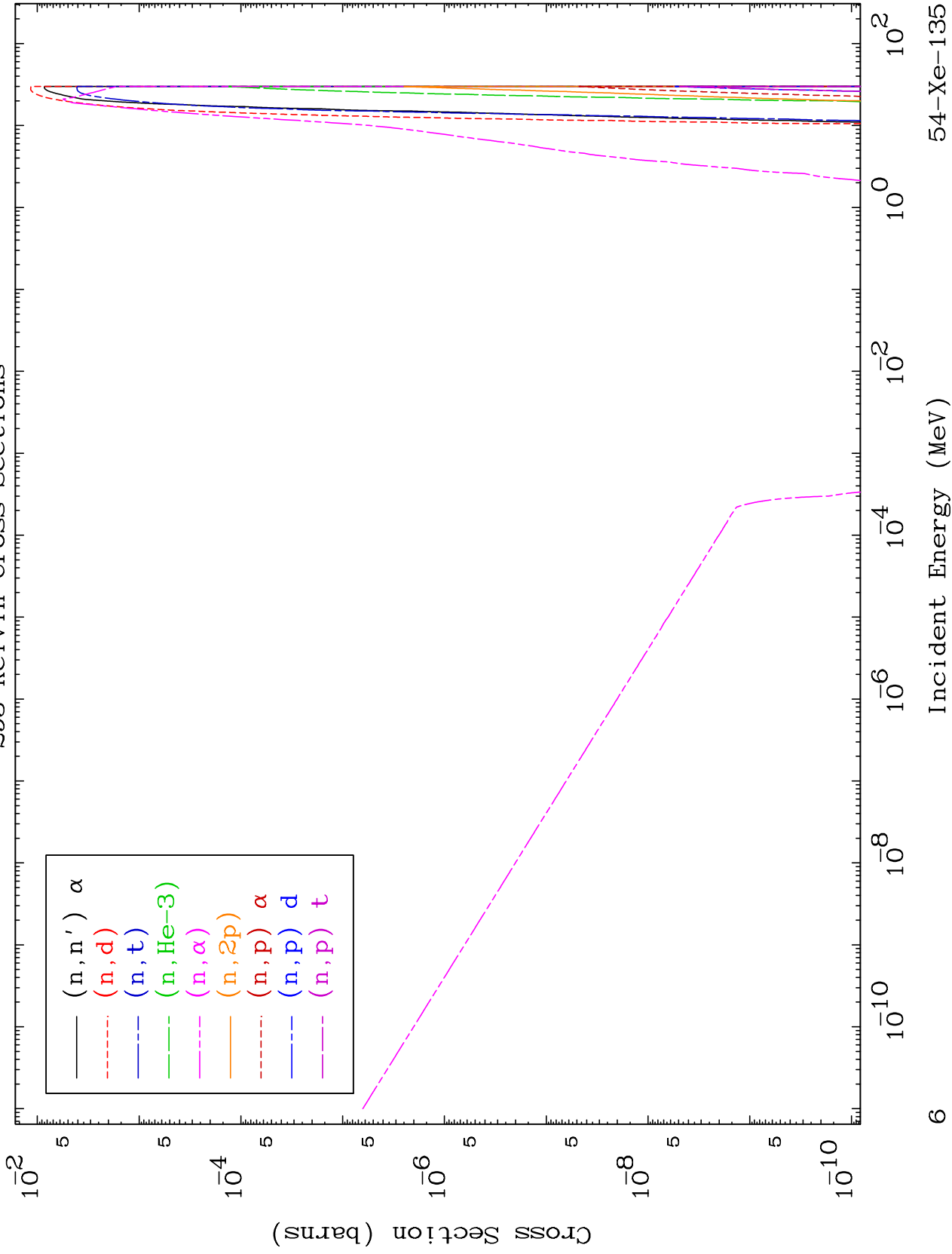




MAT 5458

Charged Particle
293 Kelvin Cross Sections

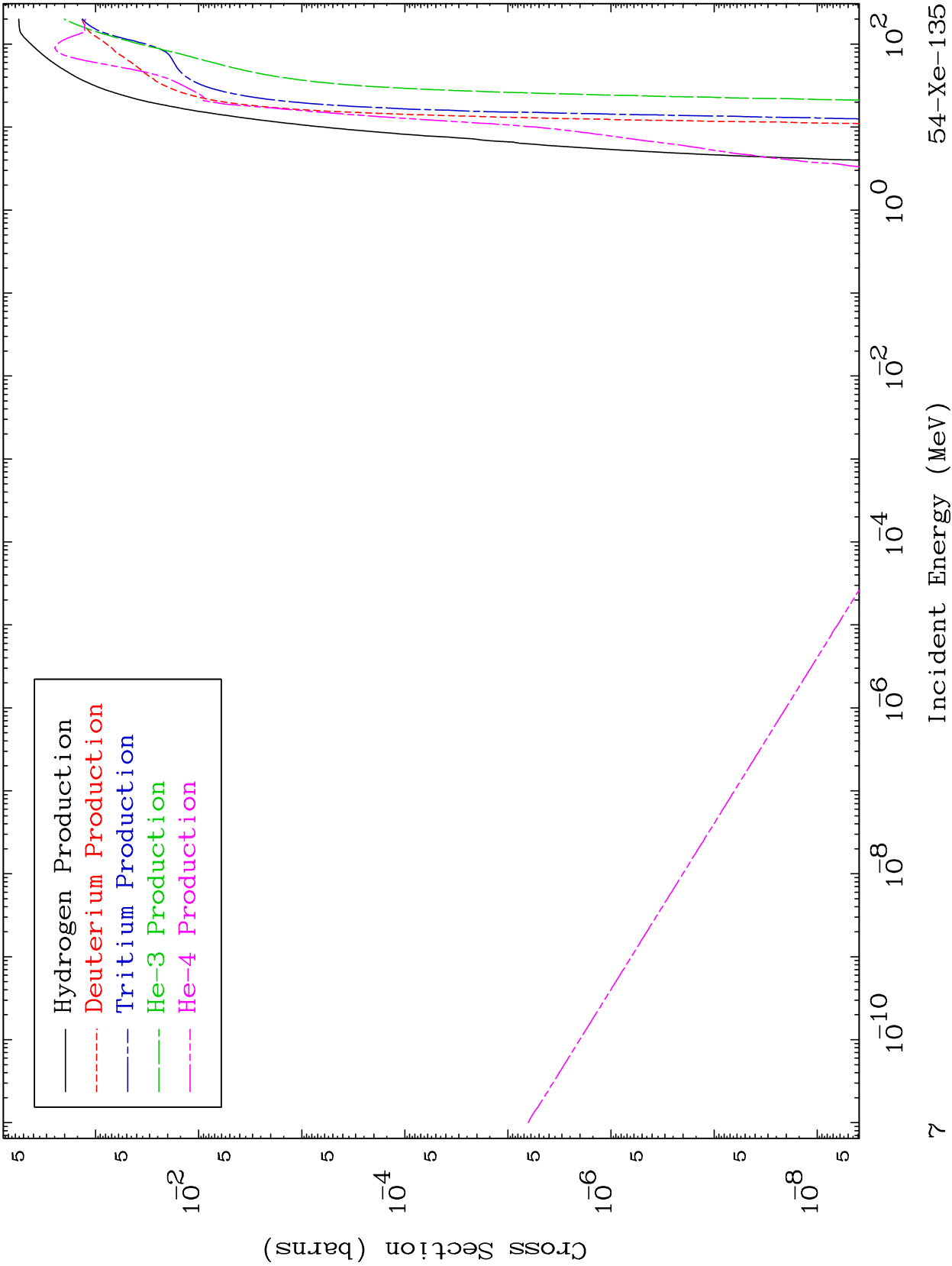
54-Xe-135

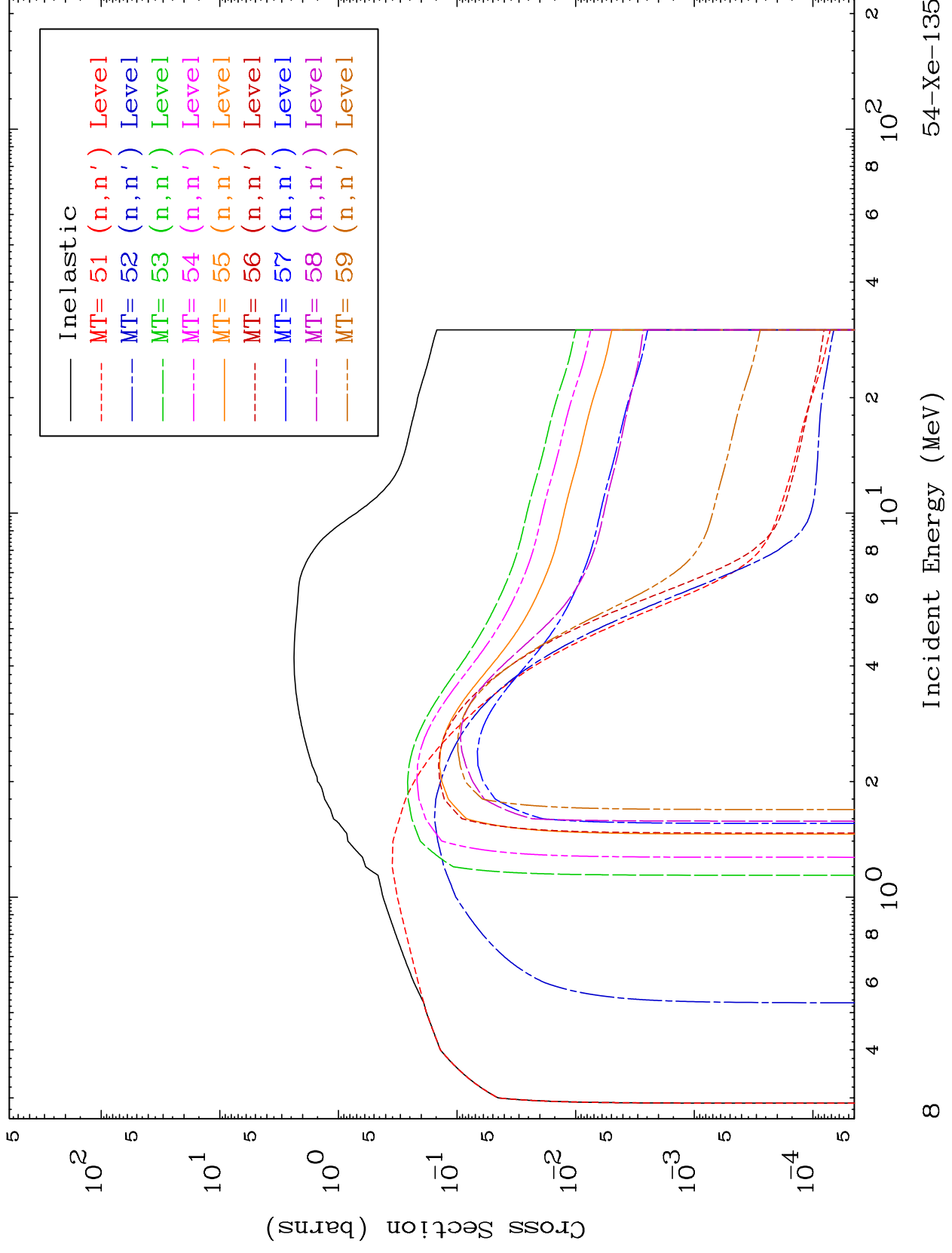


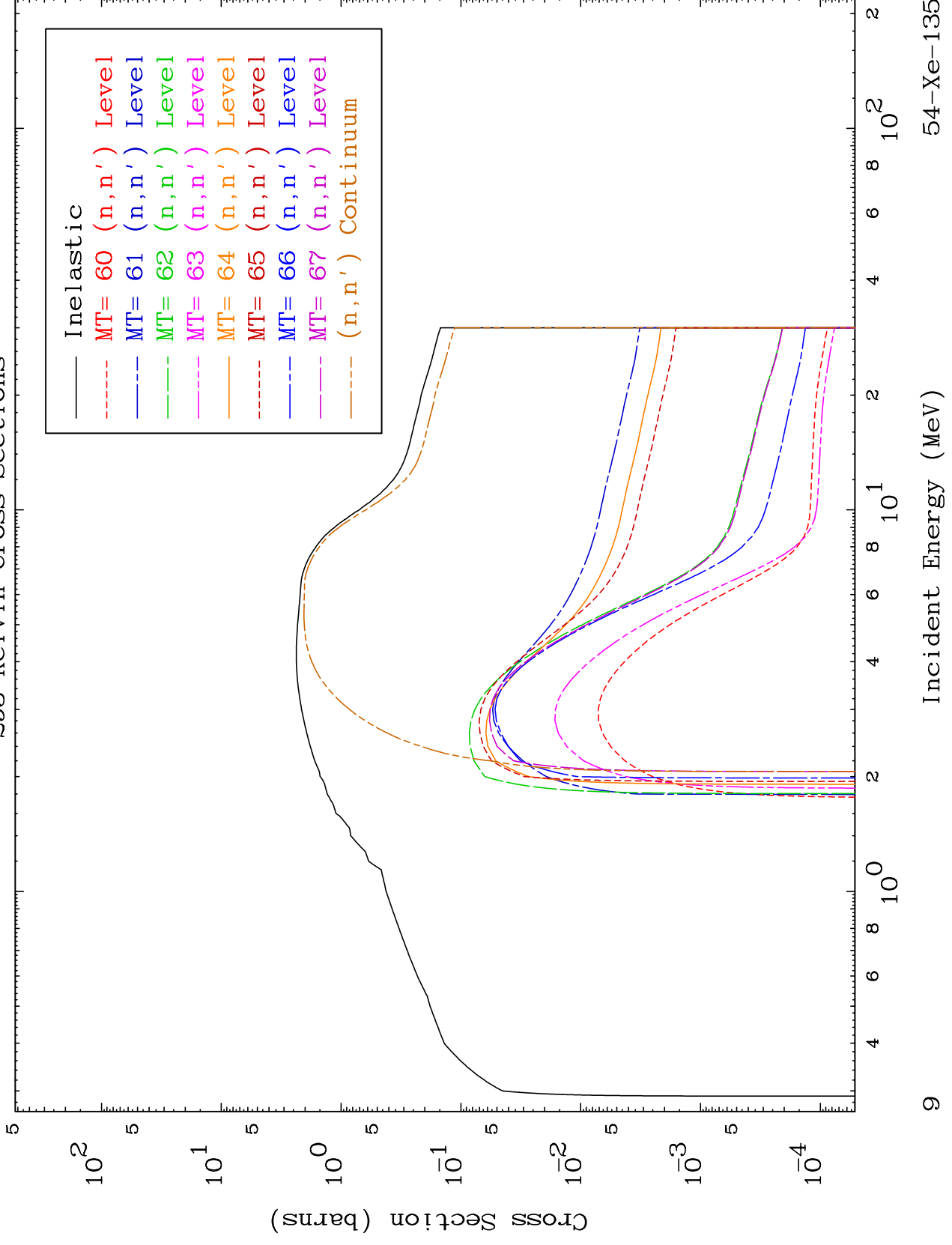
MAT 5458

Particle Production
293 Kelvin Cross Sections

54-Xe-135



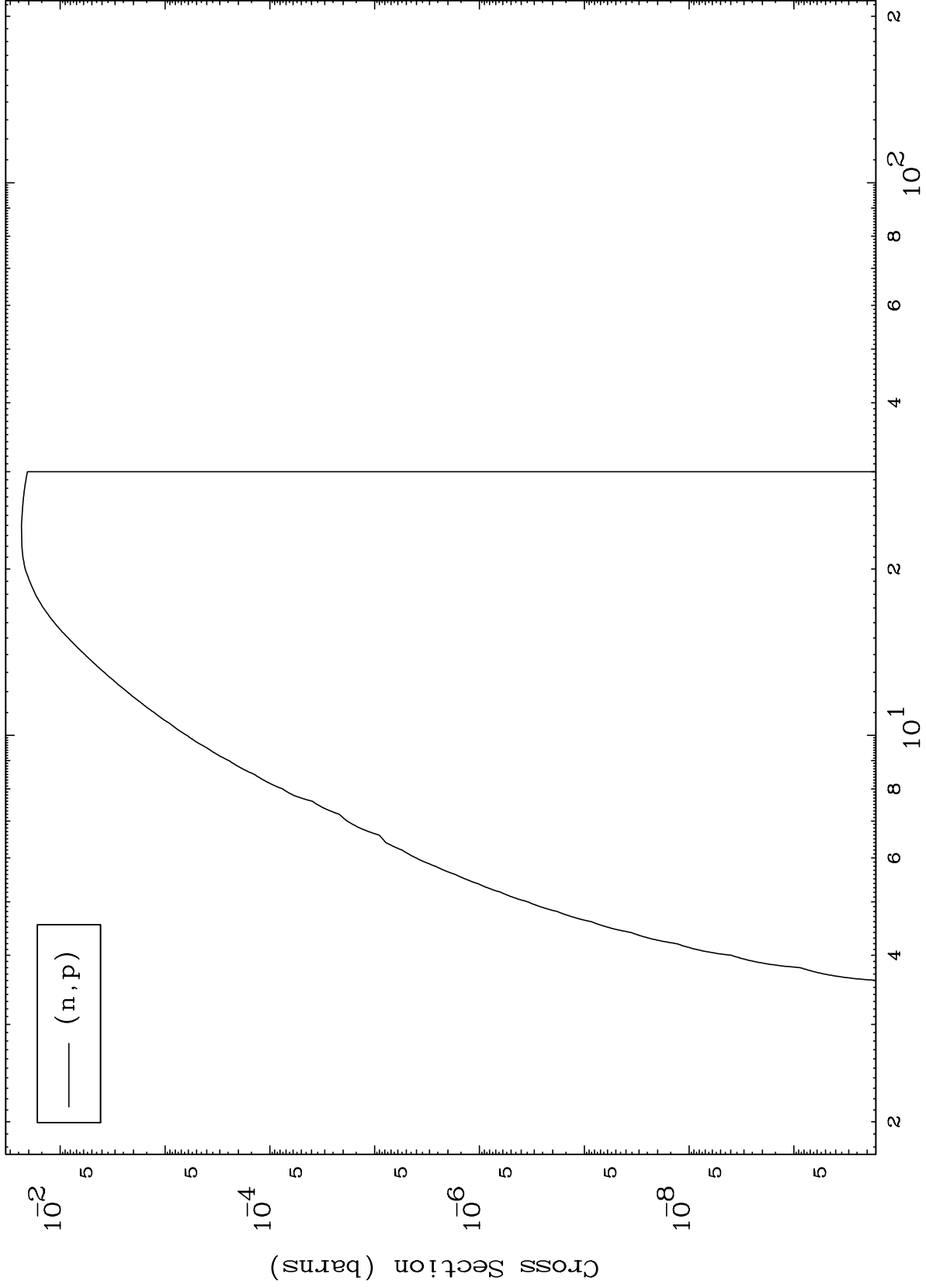




MAT 5458

(n,p) Levels
293 Kelvin Cross Sections

54-Xe-135



10

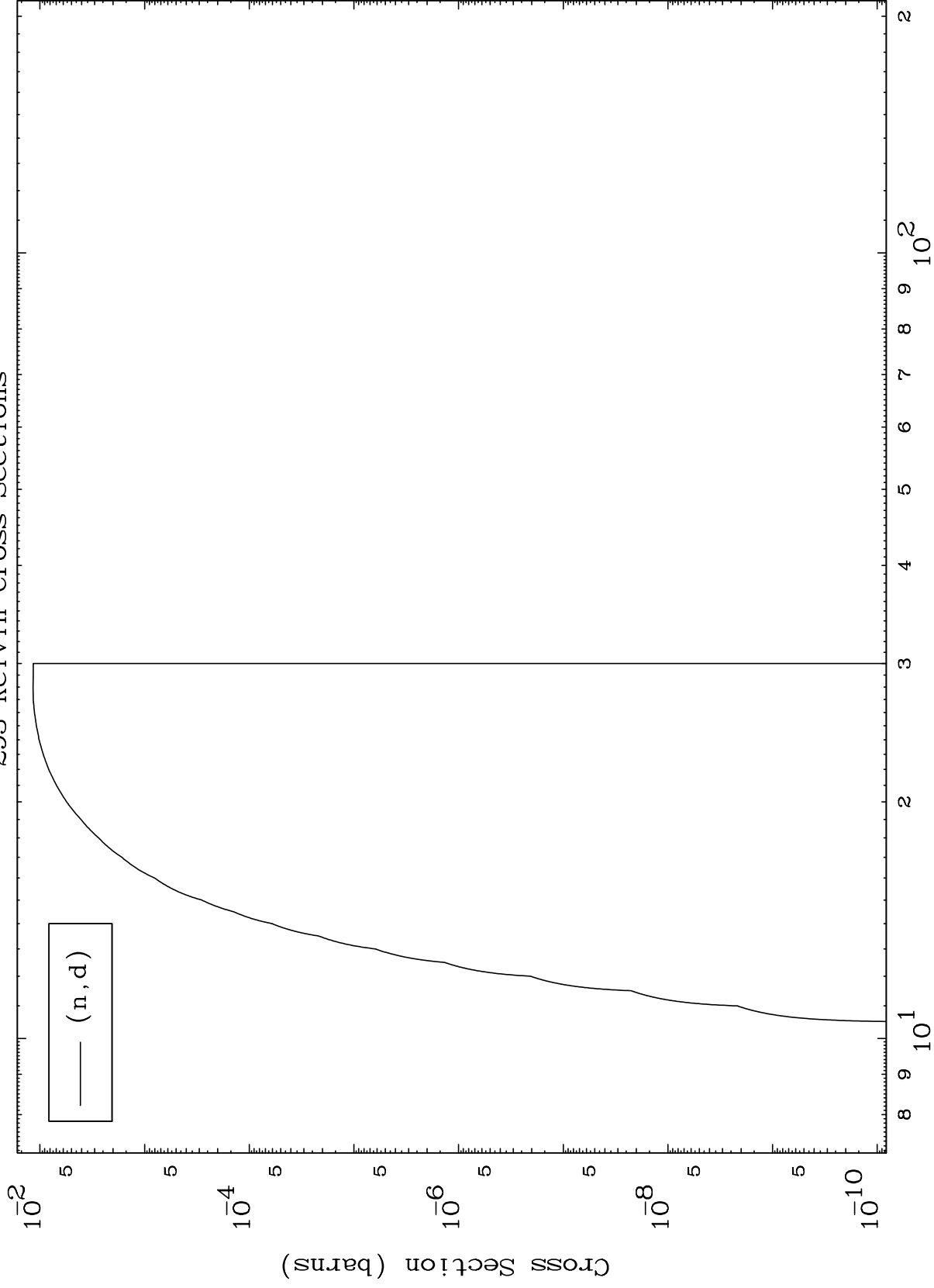
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d) Levels
293 Kelvin Cross Sections

54-Xe-135



11

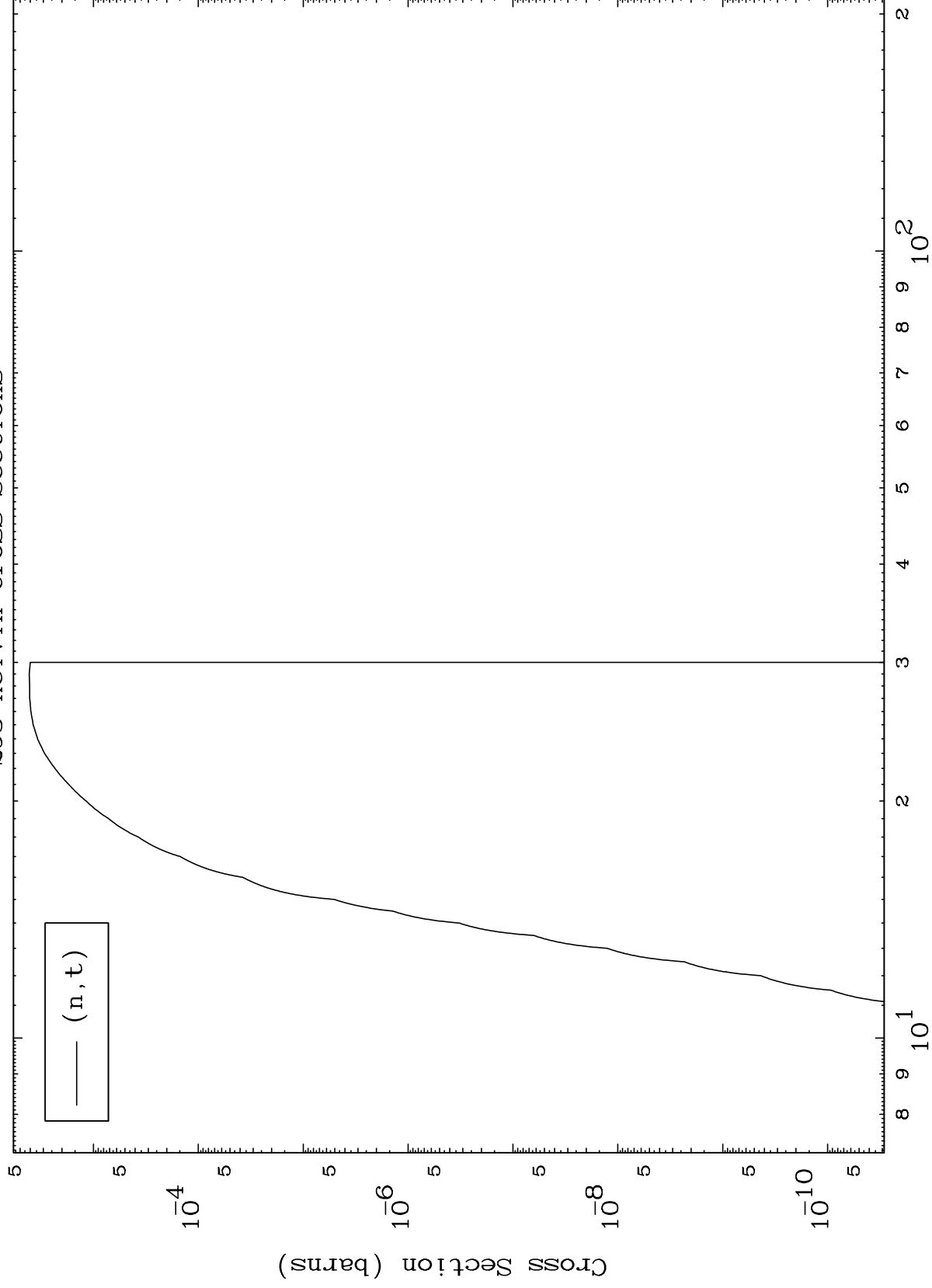
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-135



12

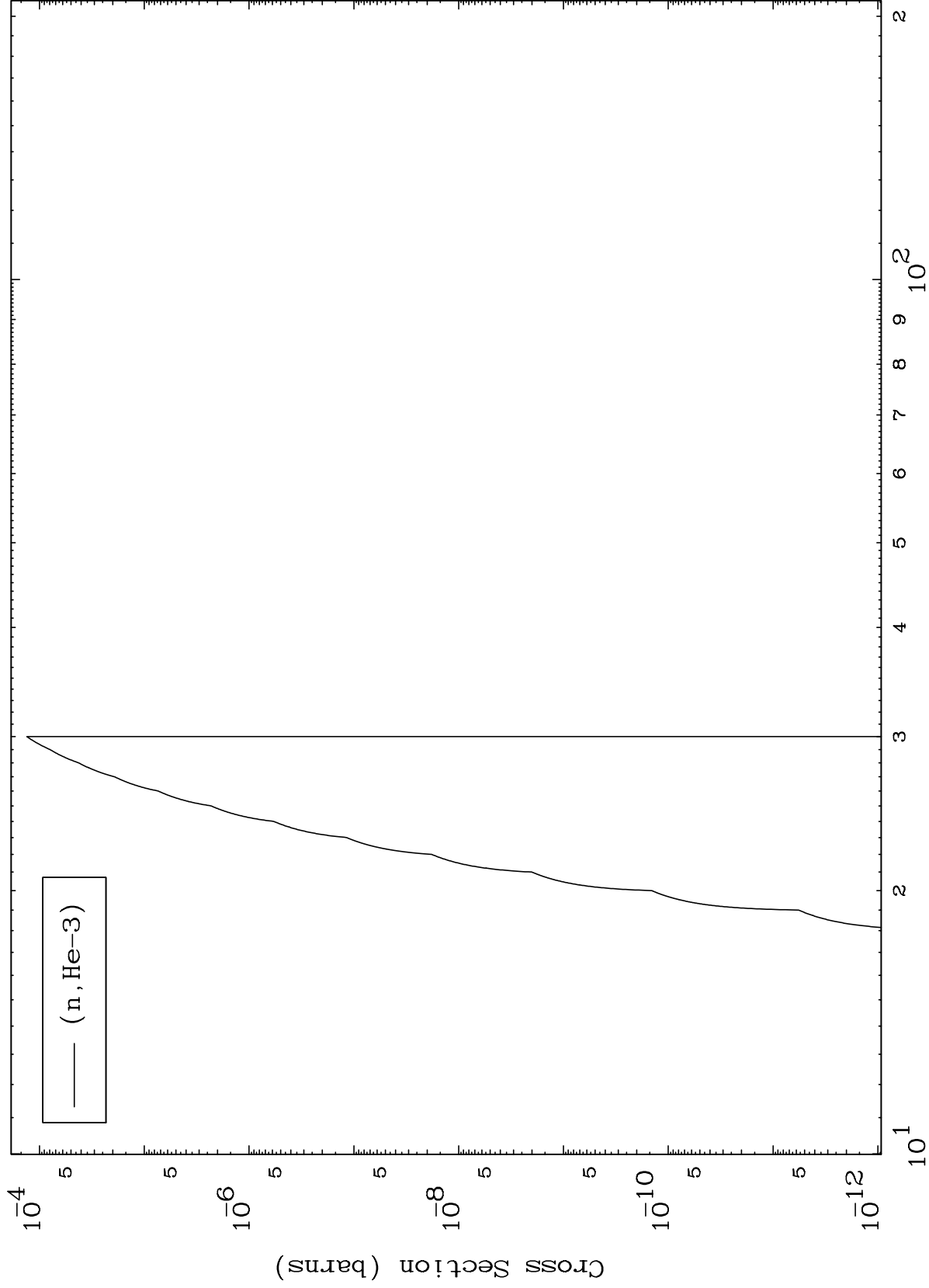
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-135



Incident Energy (MeV)

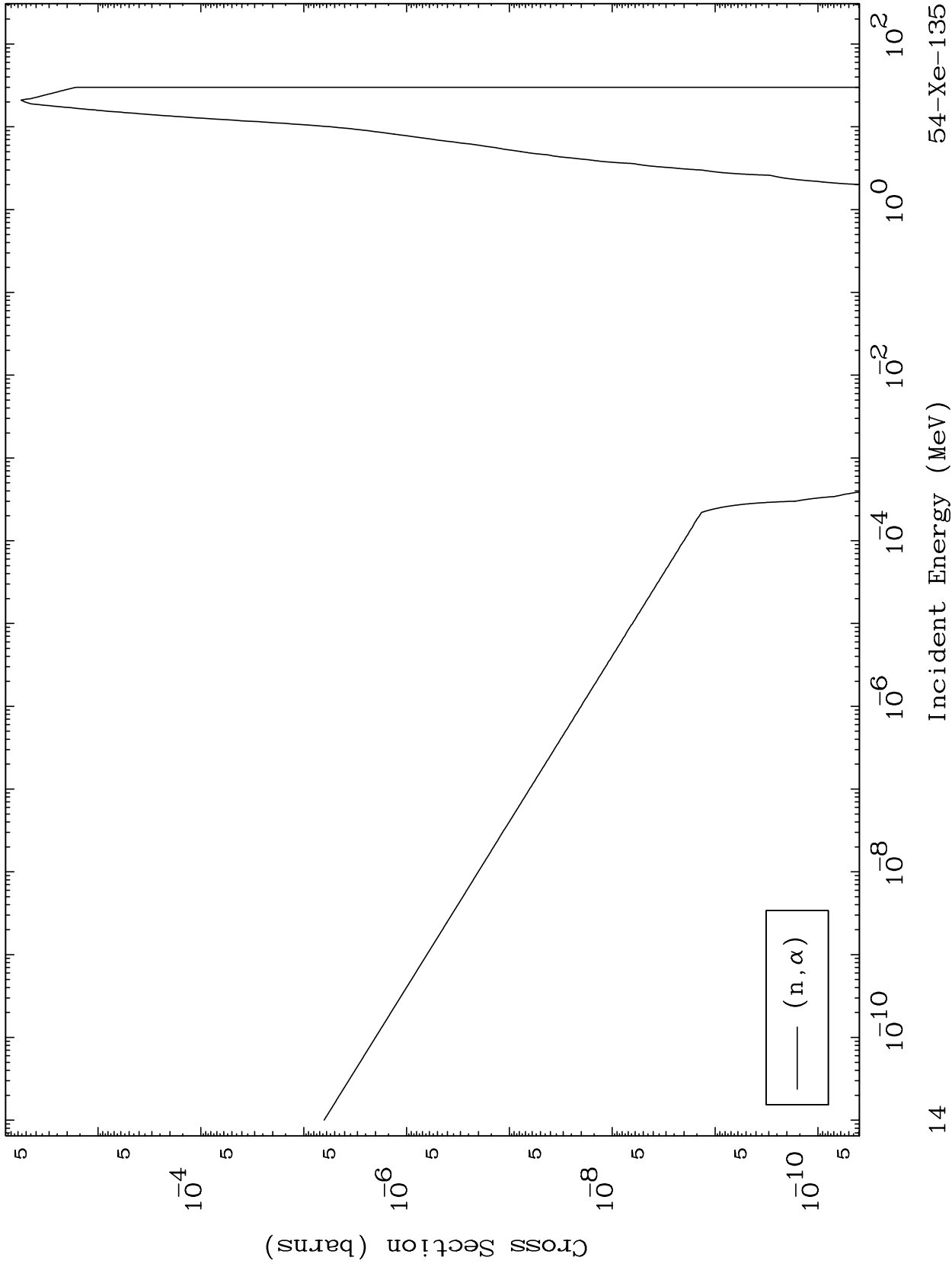
54-Xe-135

13

MAT 5458

(n, α) Levels
293 Kelvin Cross Sections

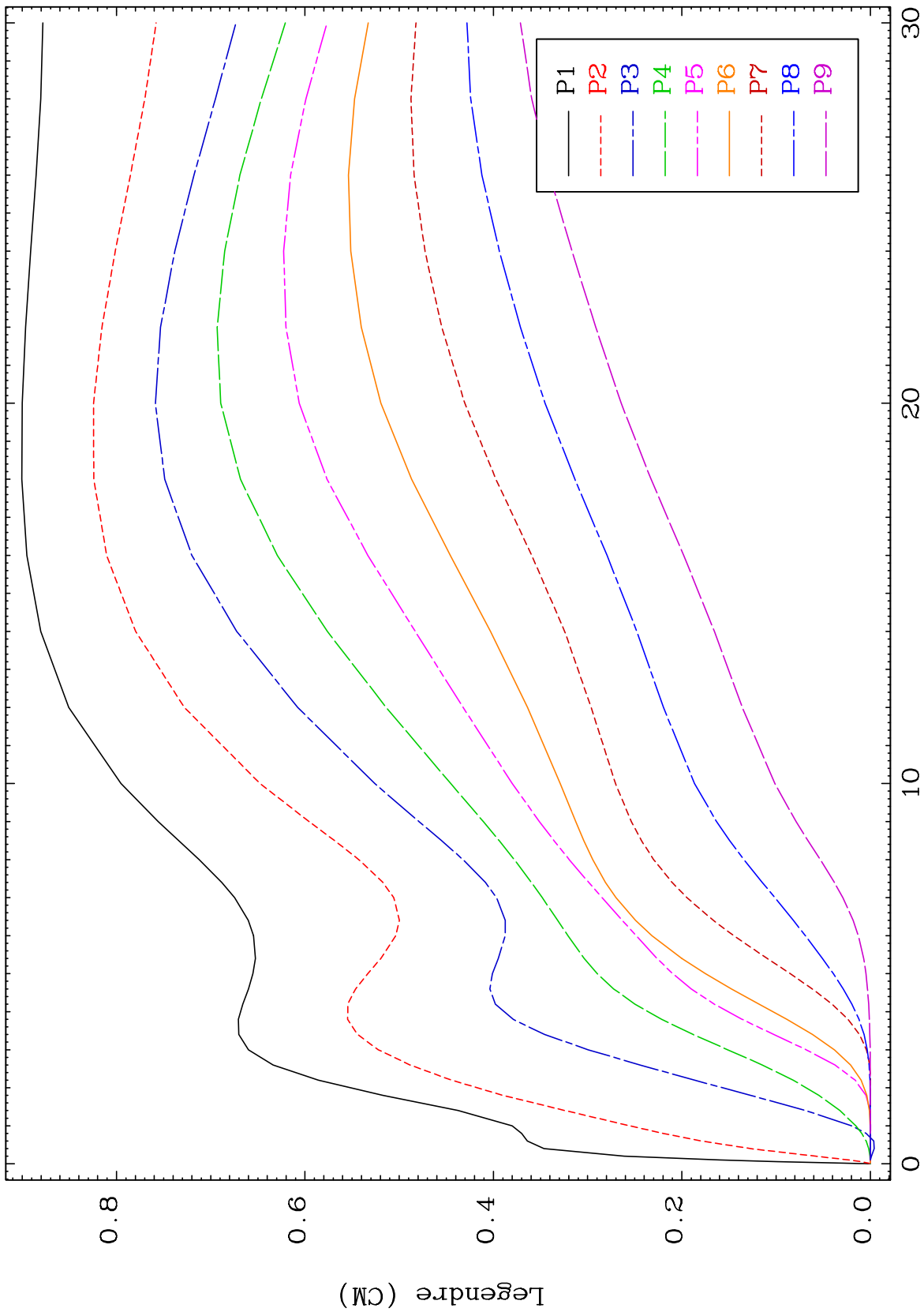
54-Xe-135



MAT 5458

54-Xe-135

Elastic Legendre Coefficients



54-Xe-135

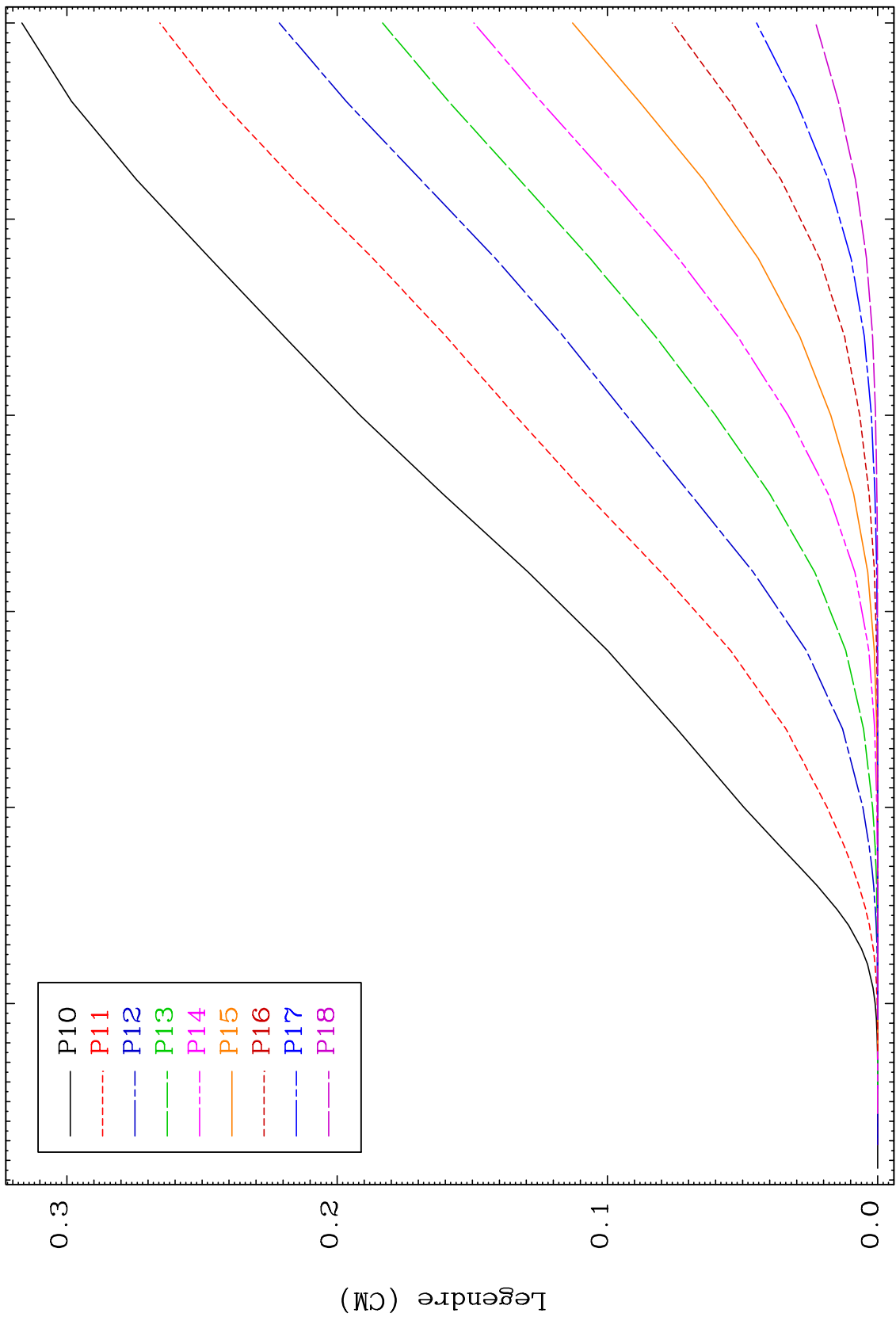
Incident Energy (MeV)

15

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



16

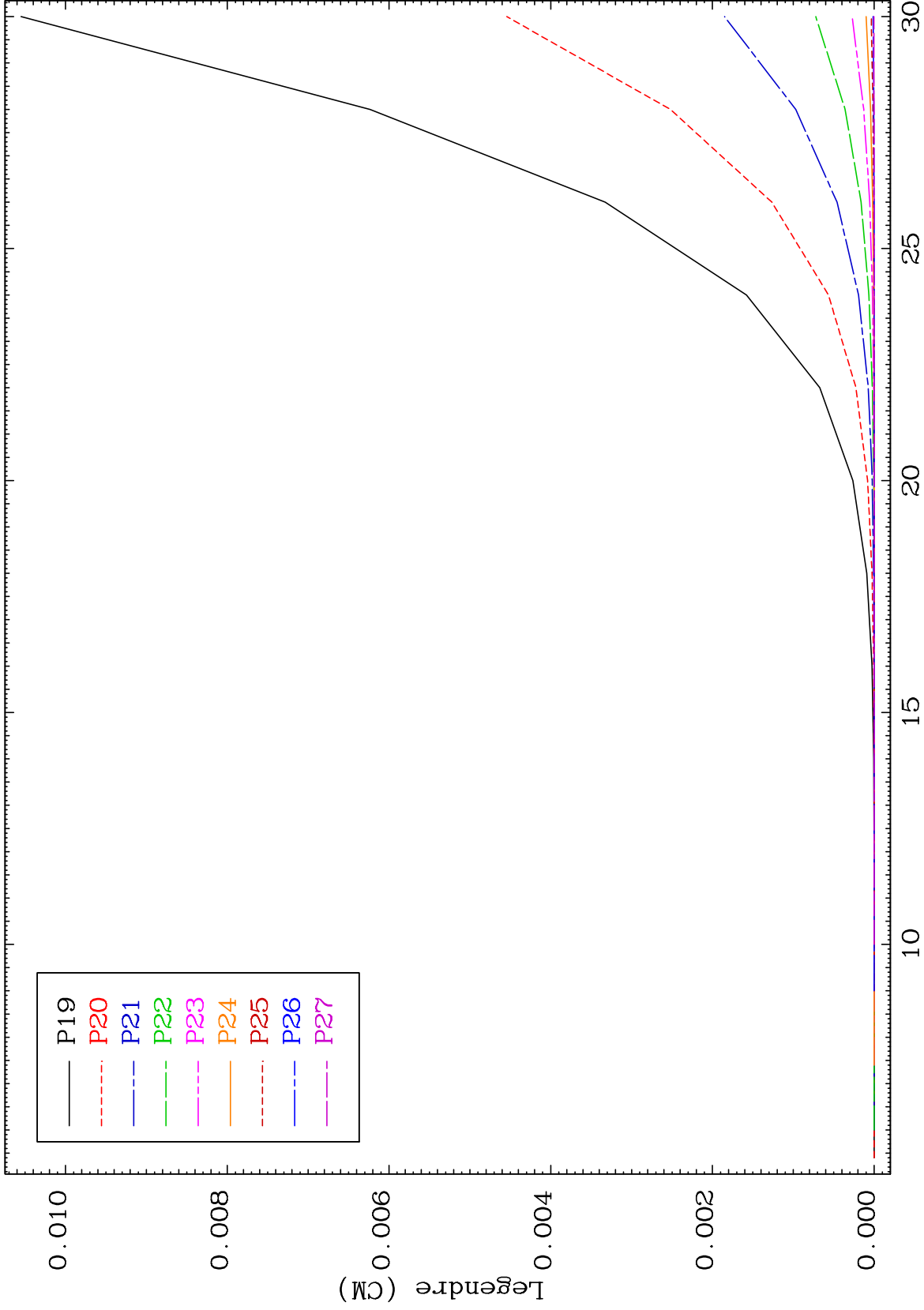
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



17

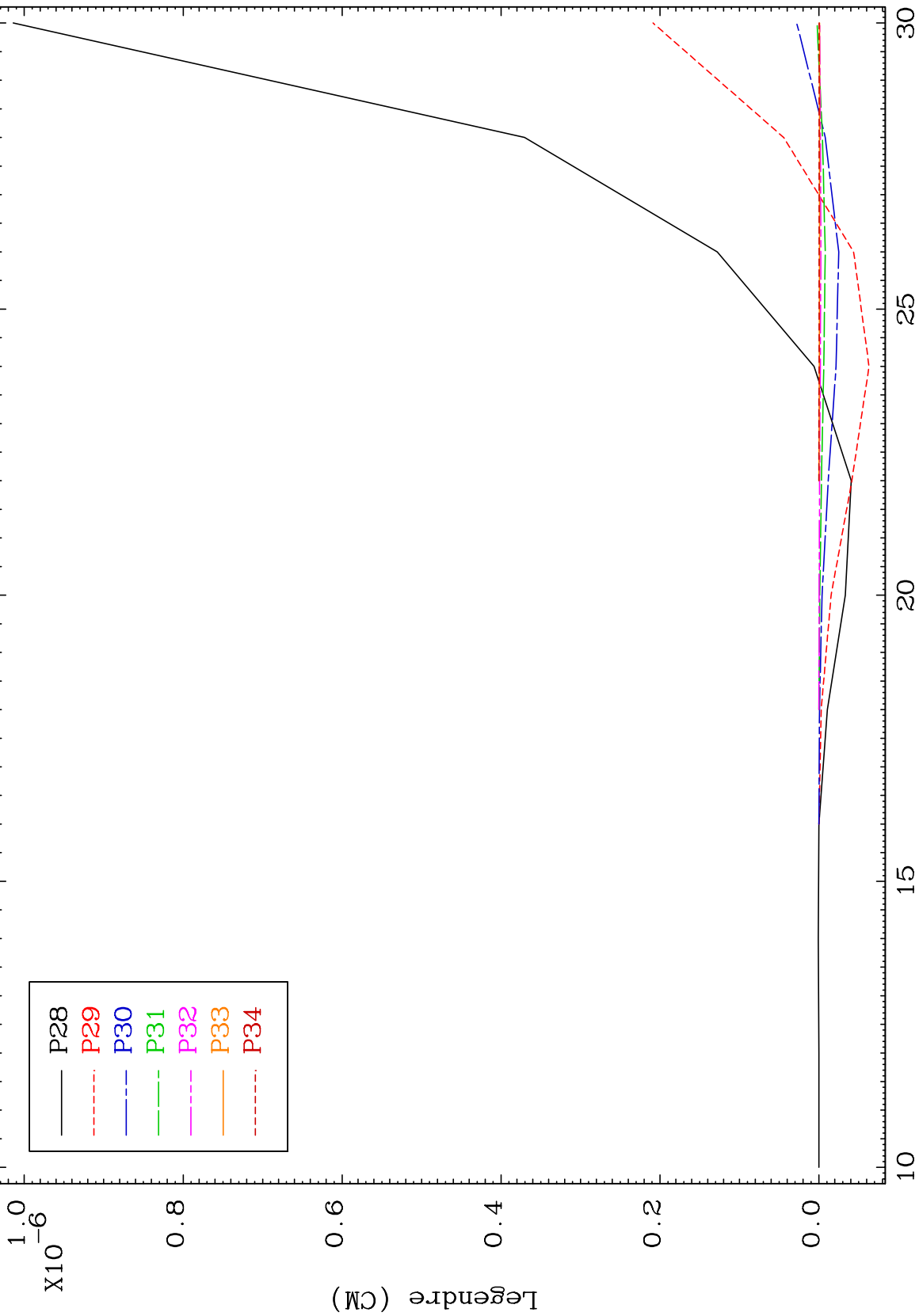
Incident Energy (MeV)

54-Xe-135

MAT 5458

Elastic Legendre Coefficients

54-Xe-135



18

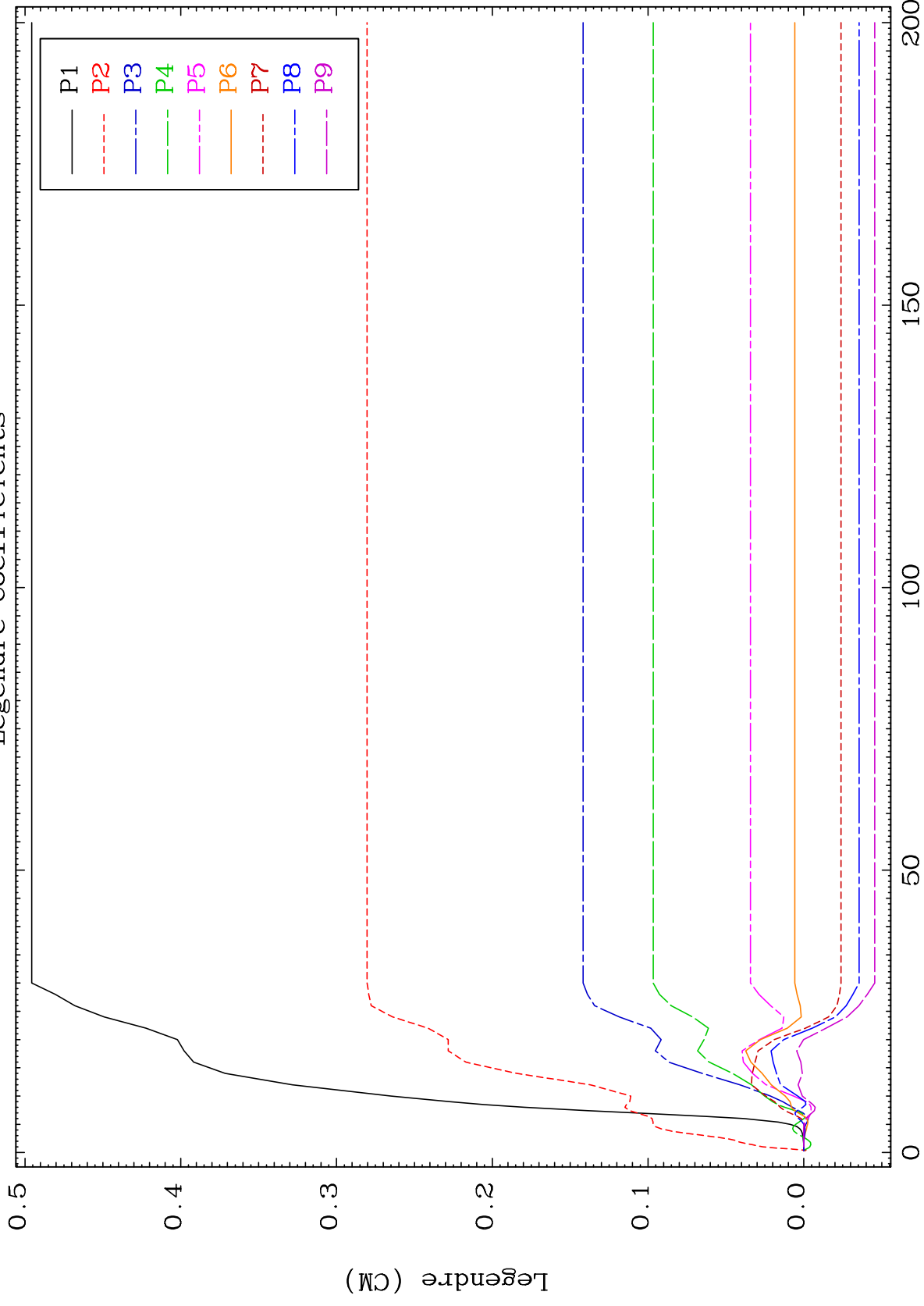
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

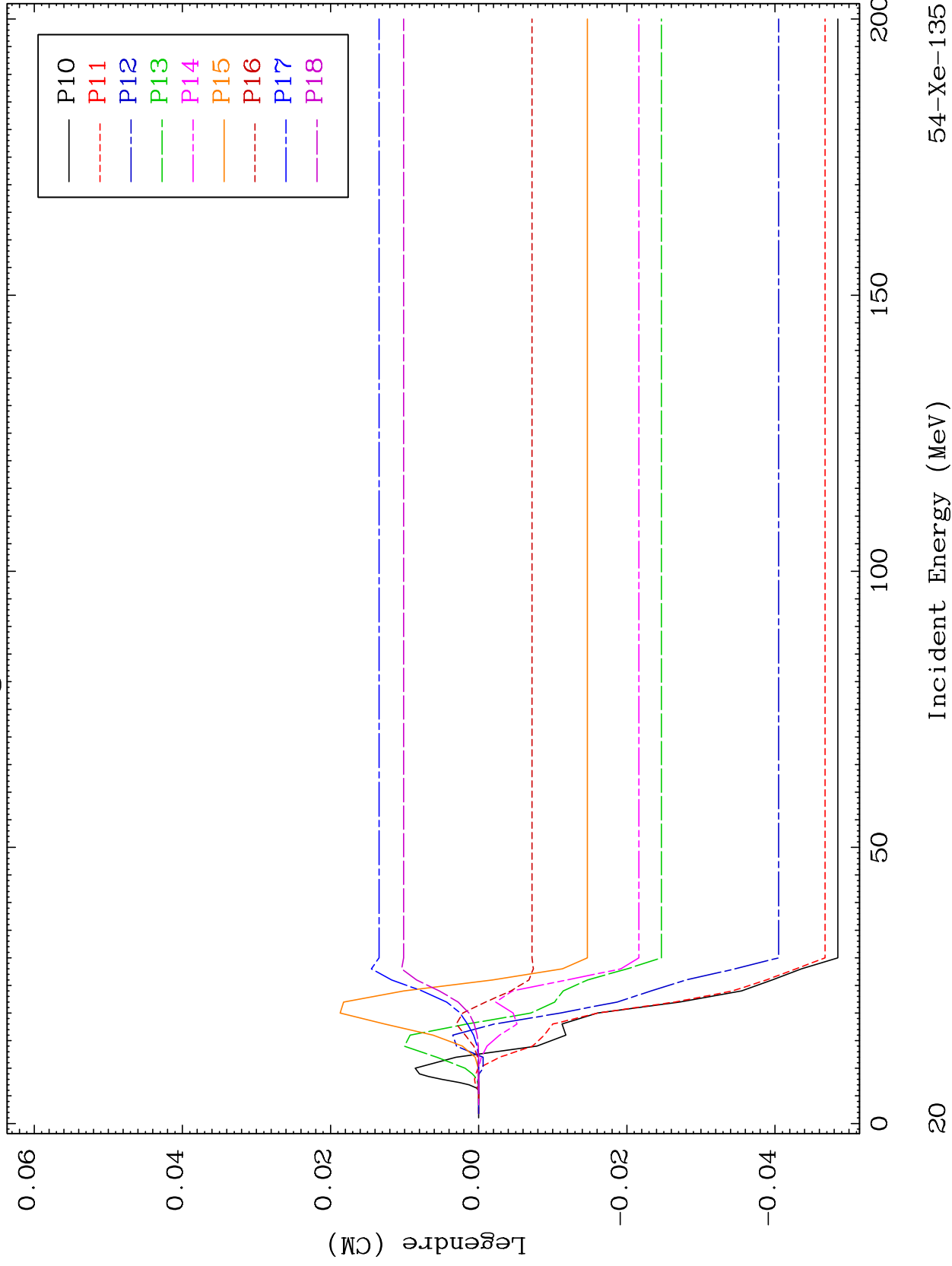
Incident Energy (MeV)

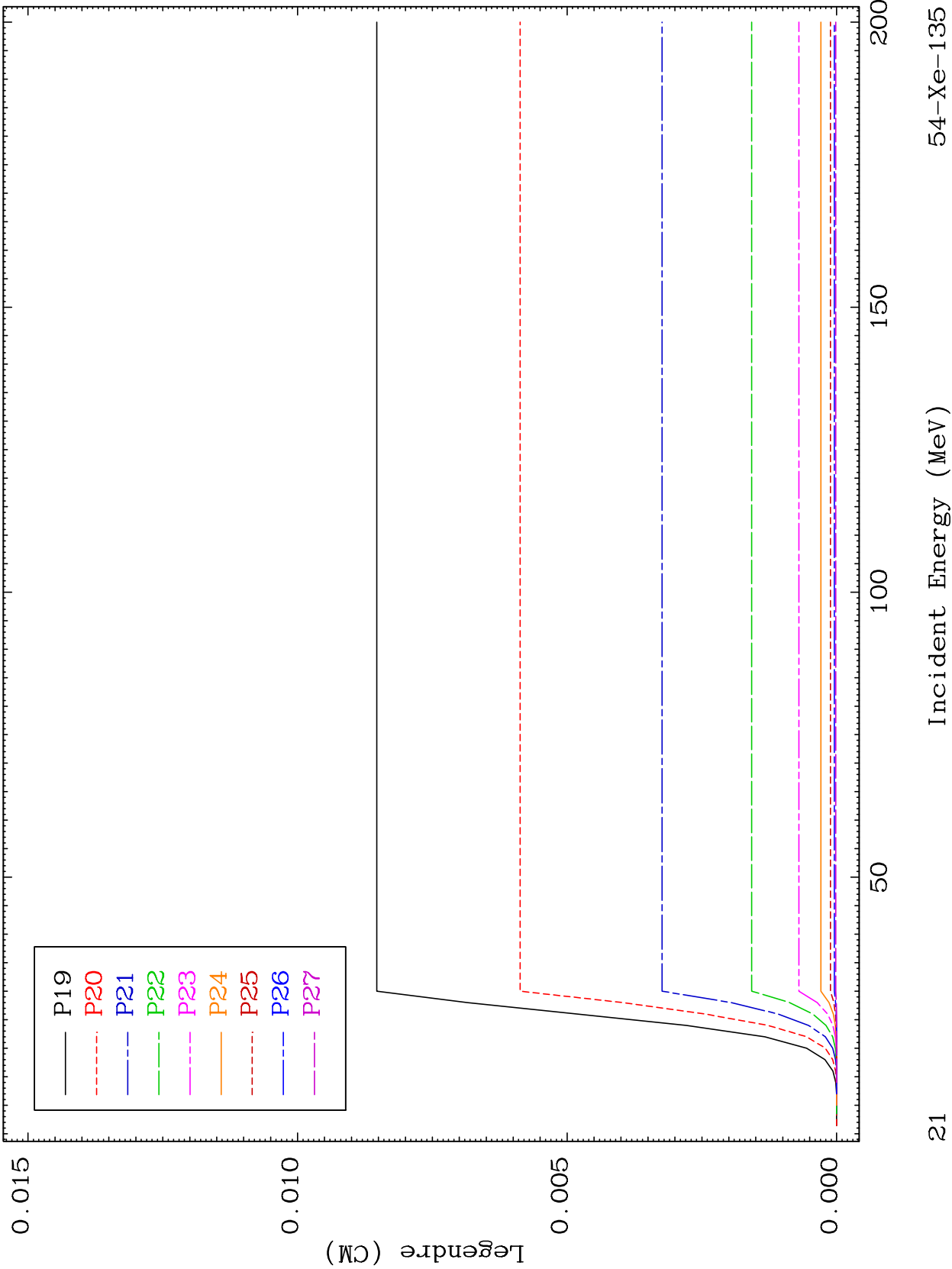
19

MAT 5458

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

54-Xe-135

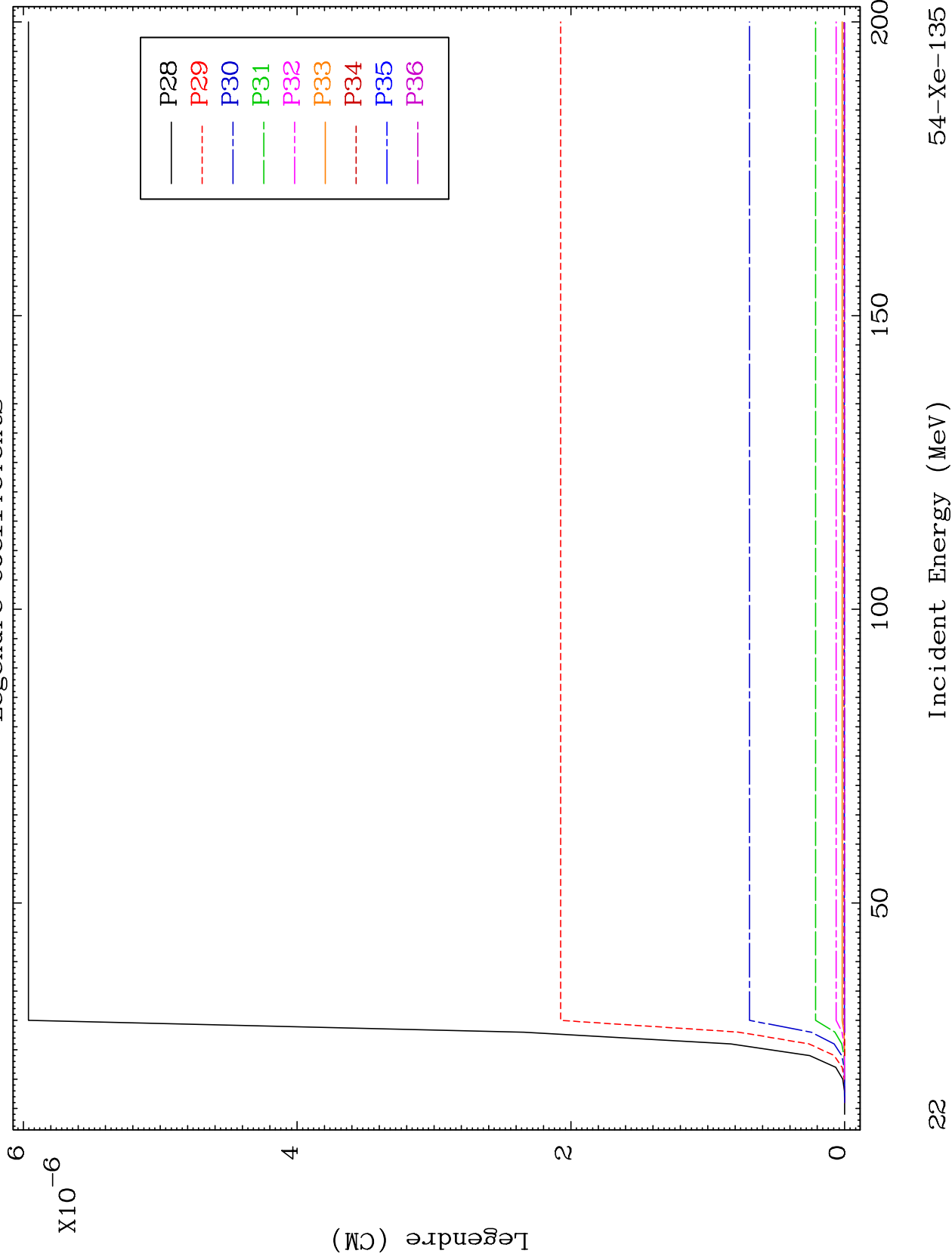




MAT 5458

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

54-Xe-135



22

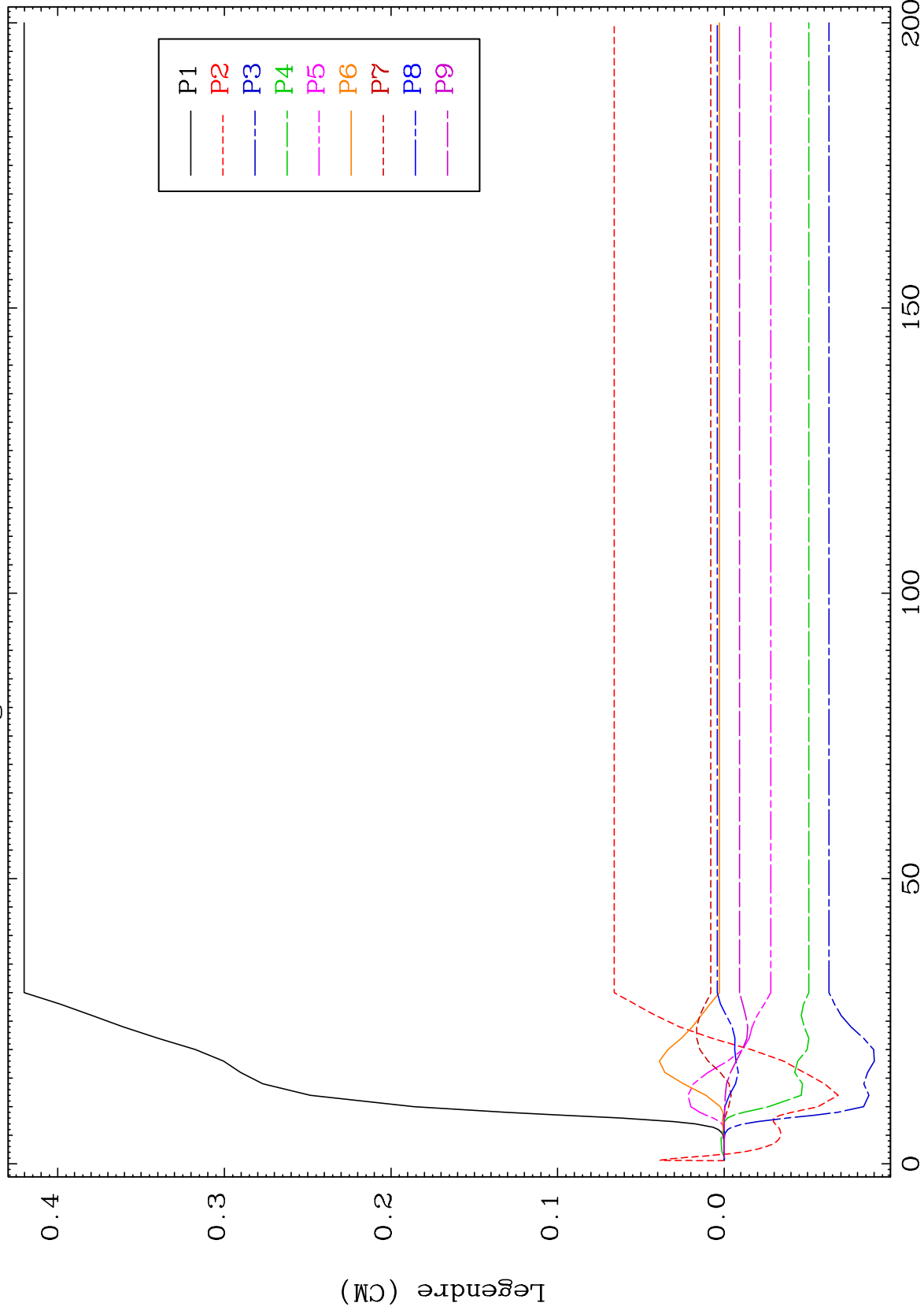
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



23

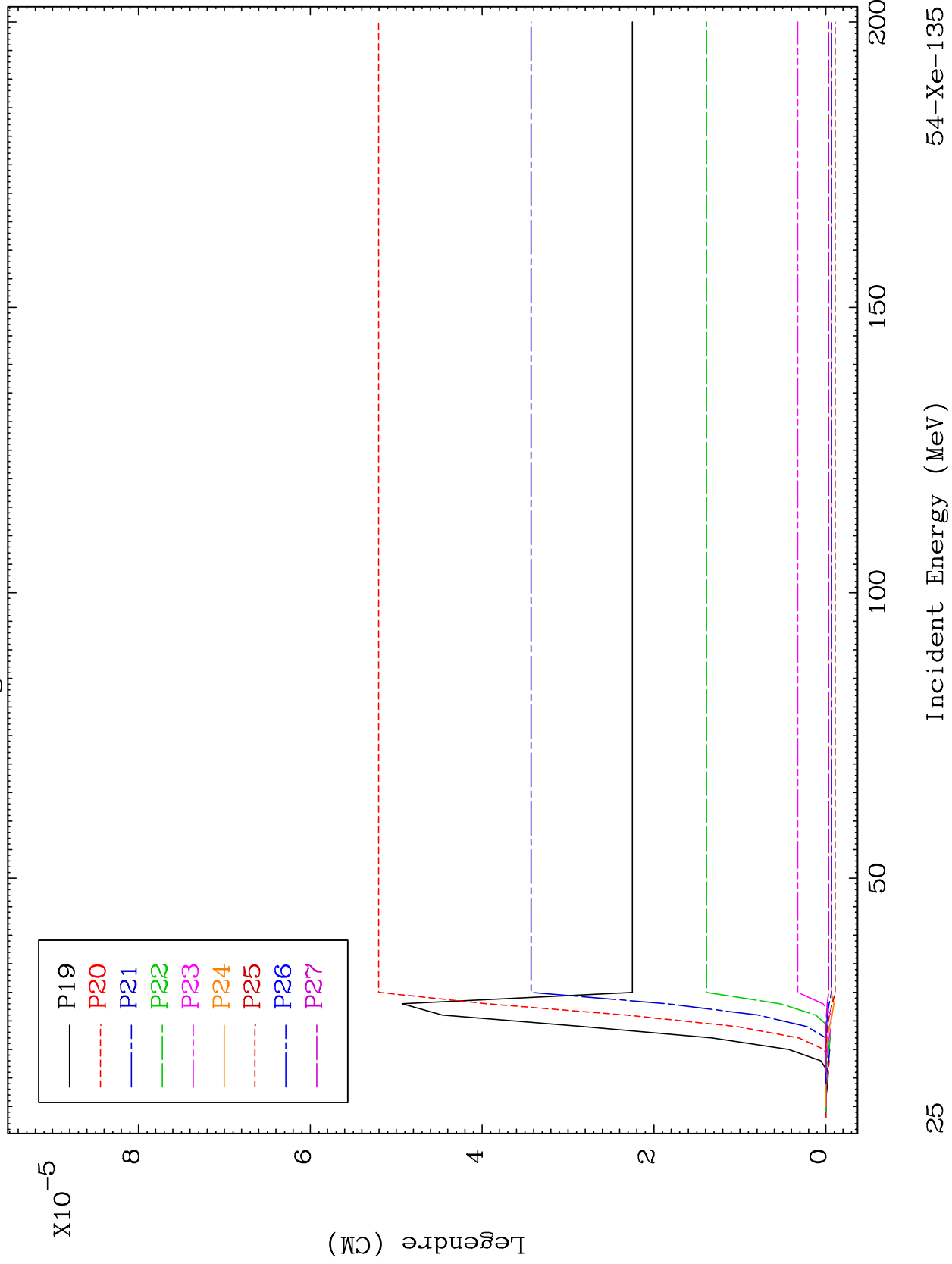
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



25

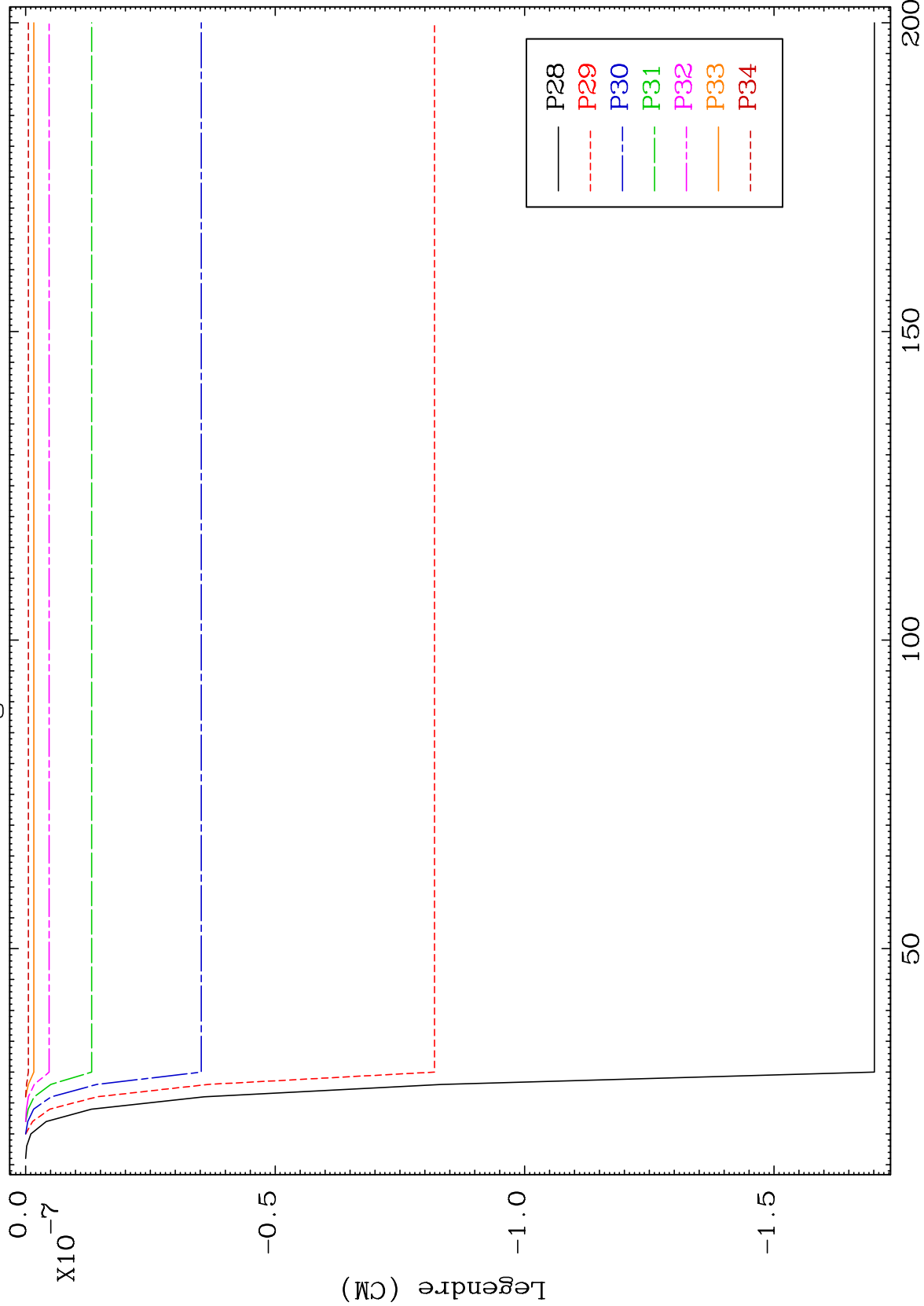
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



26

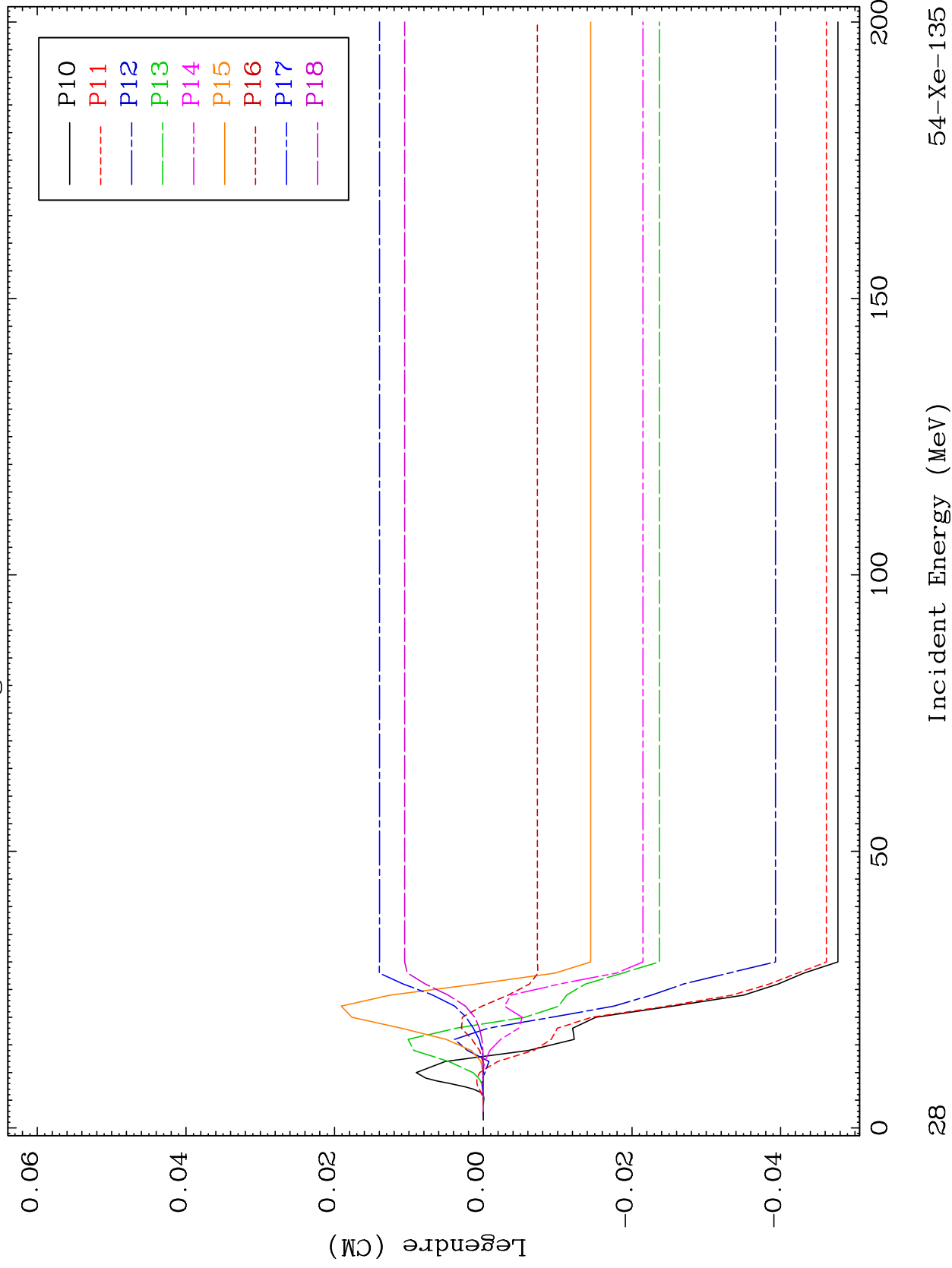
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

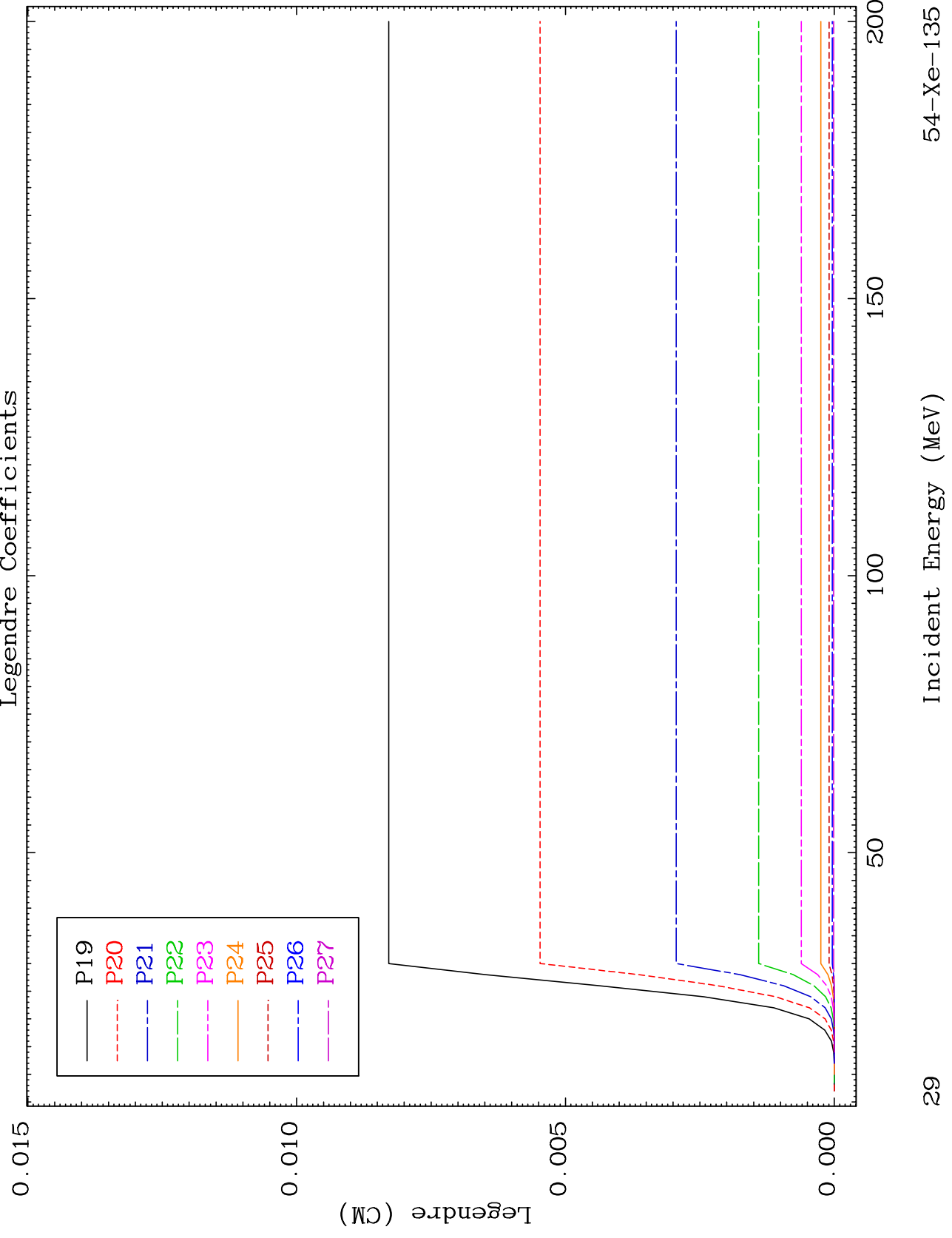
Incident Energy (MeV)

28

MAT 5458

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

54-Xe-135

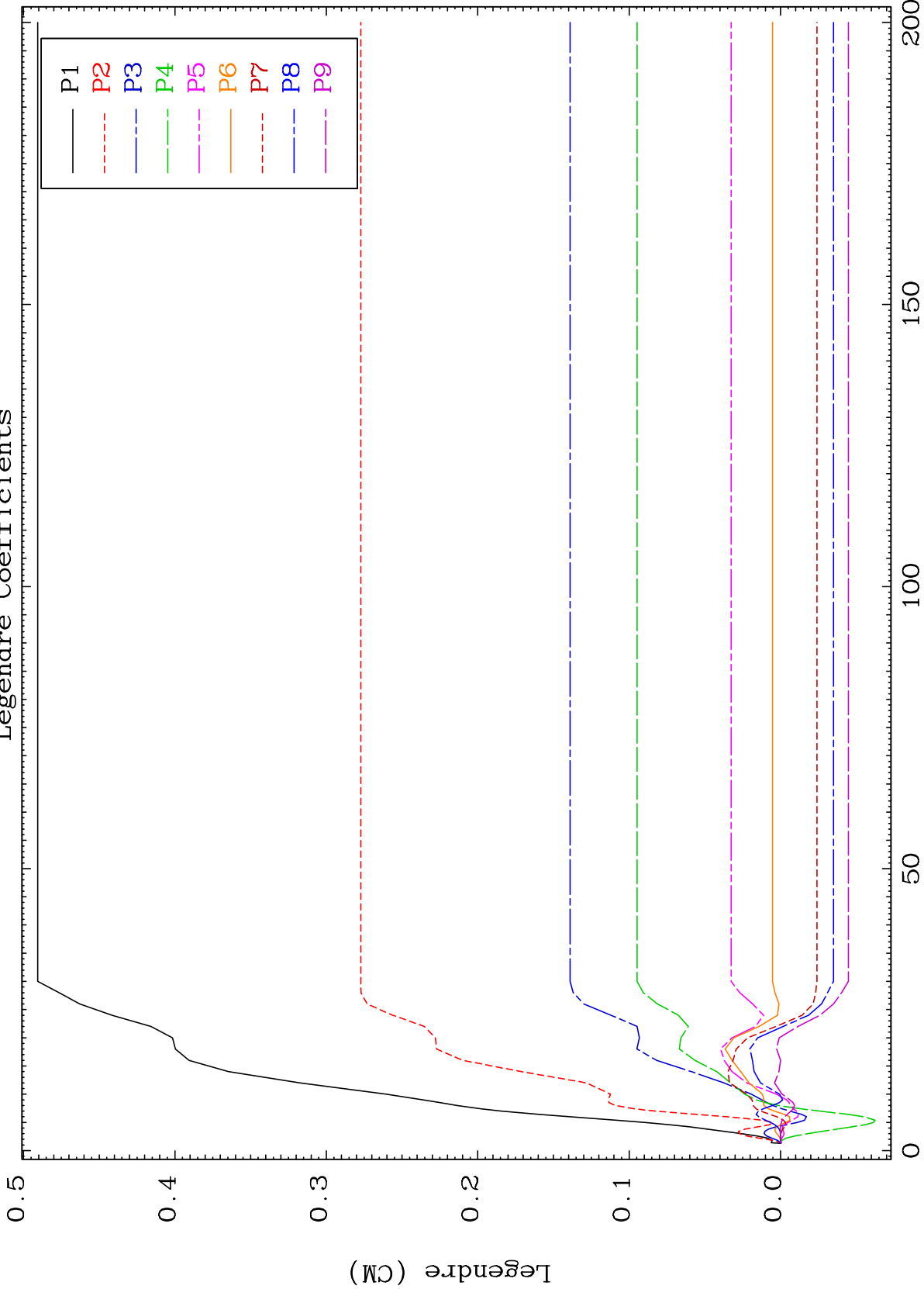


MAT 5458

MT= 54 (n,n') Level

54-Xe-135

Legendre Coefficients



31

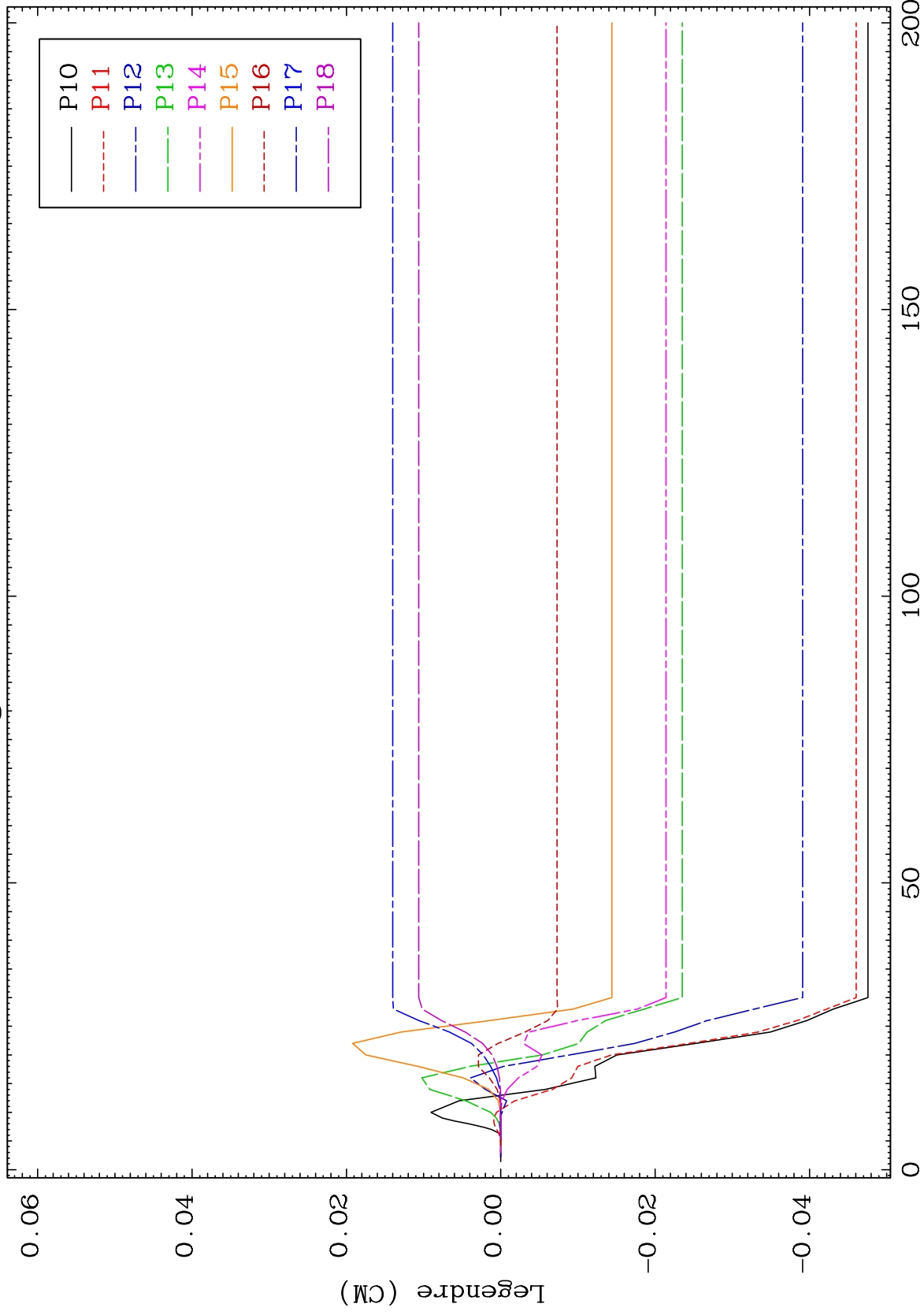
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



32

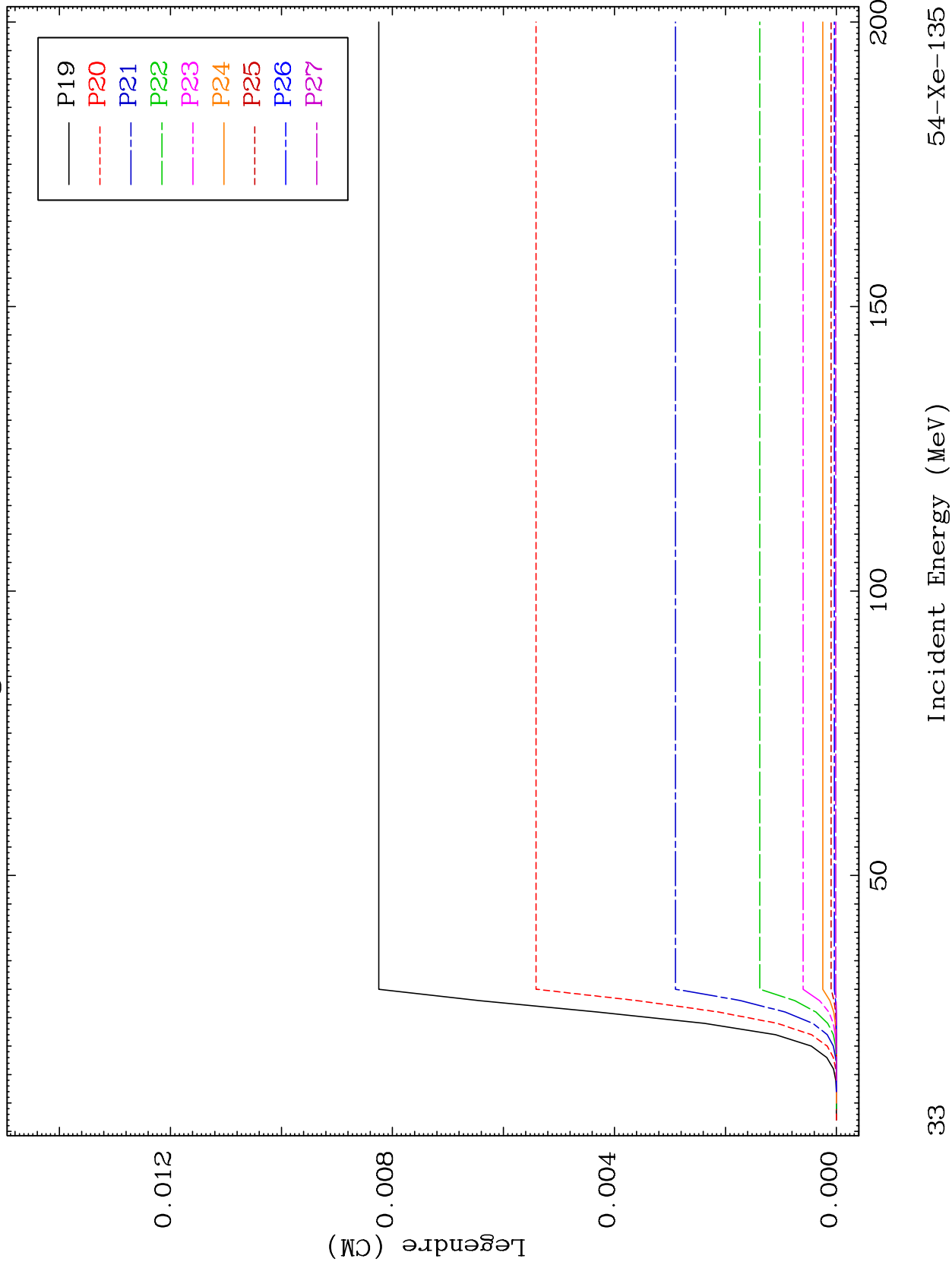
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



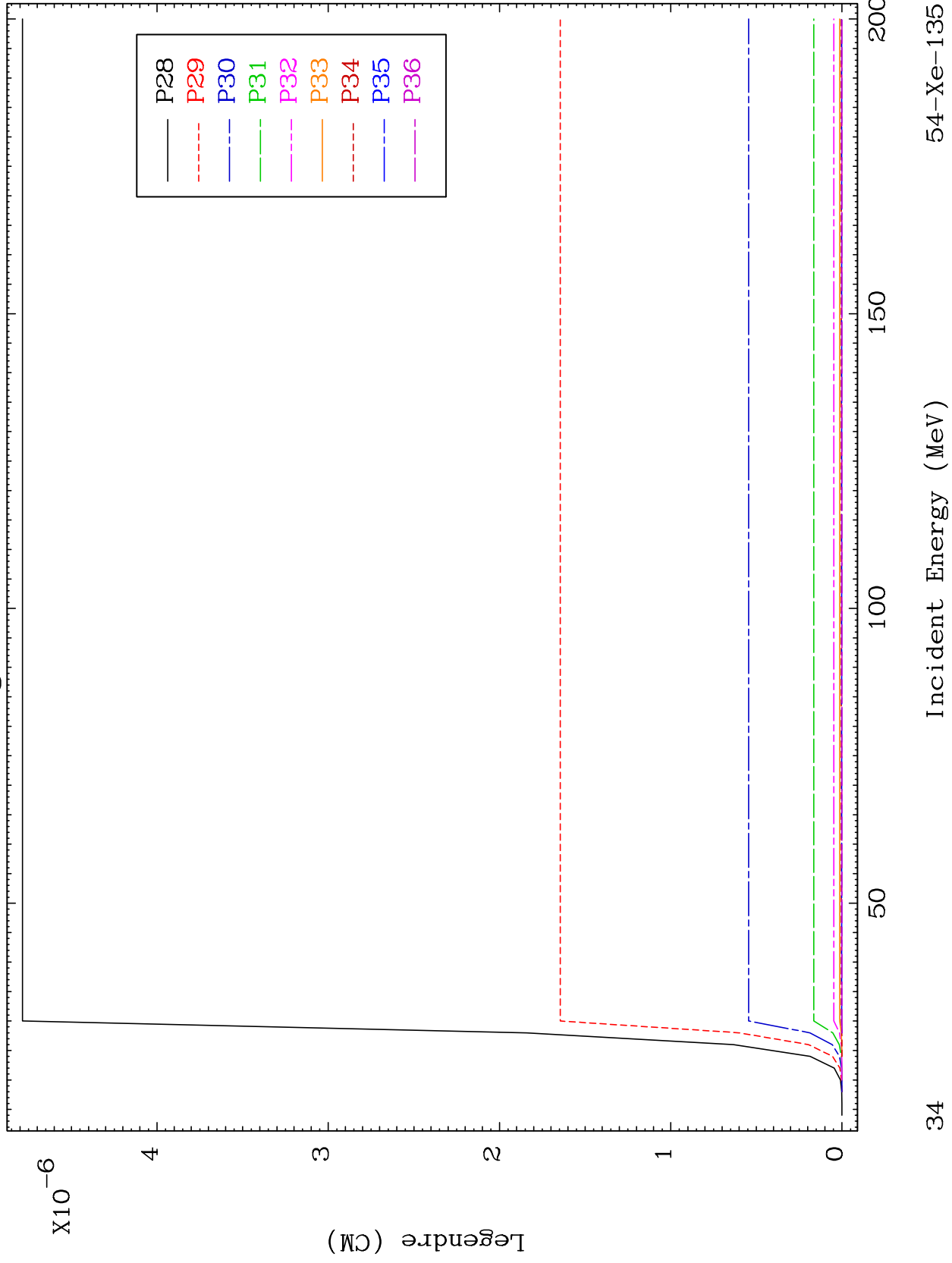
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54-Xe-135

MAT 5458

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

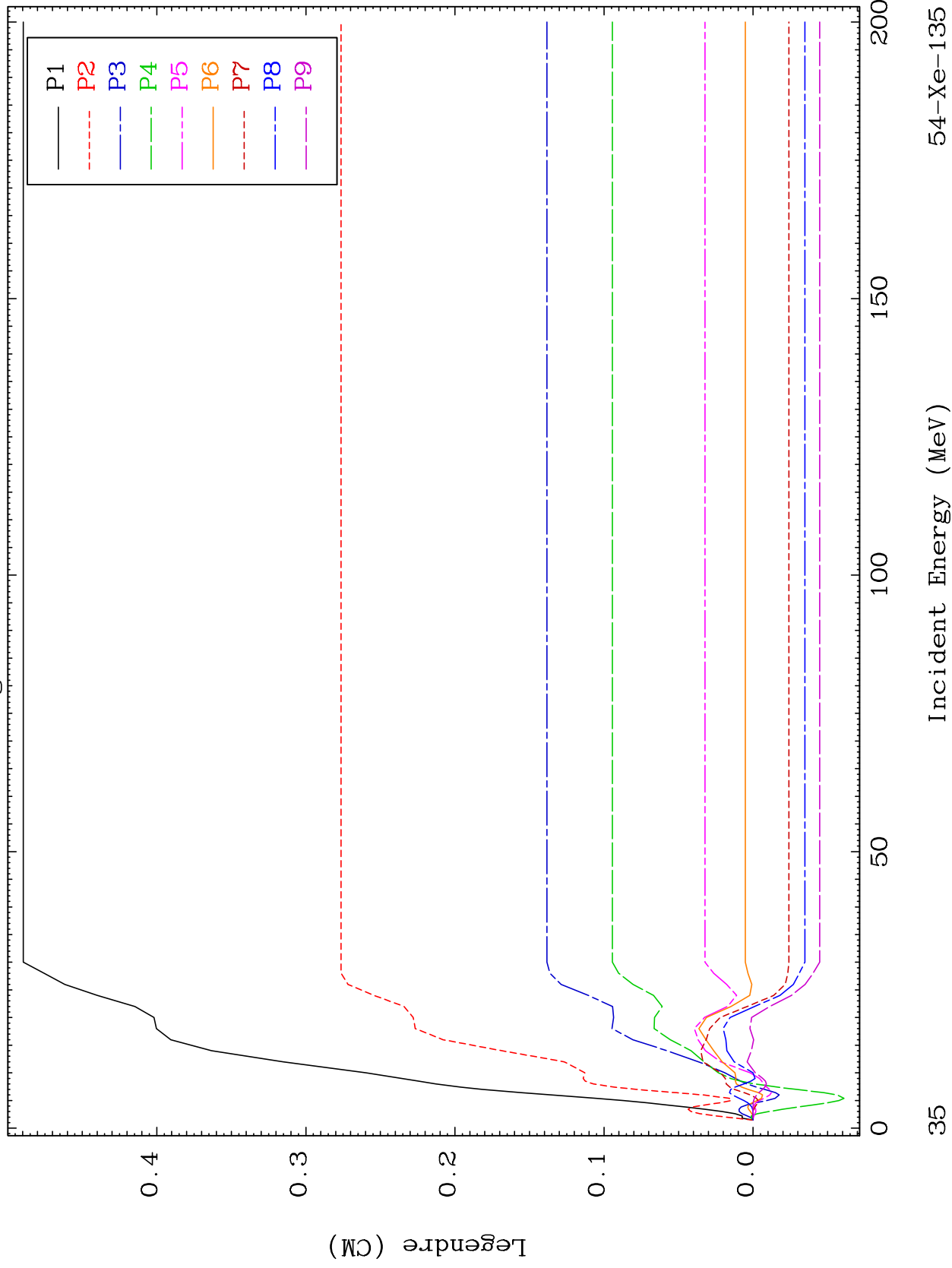
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

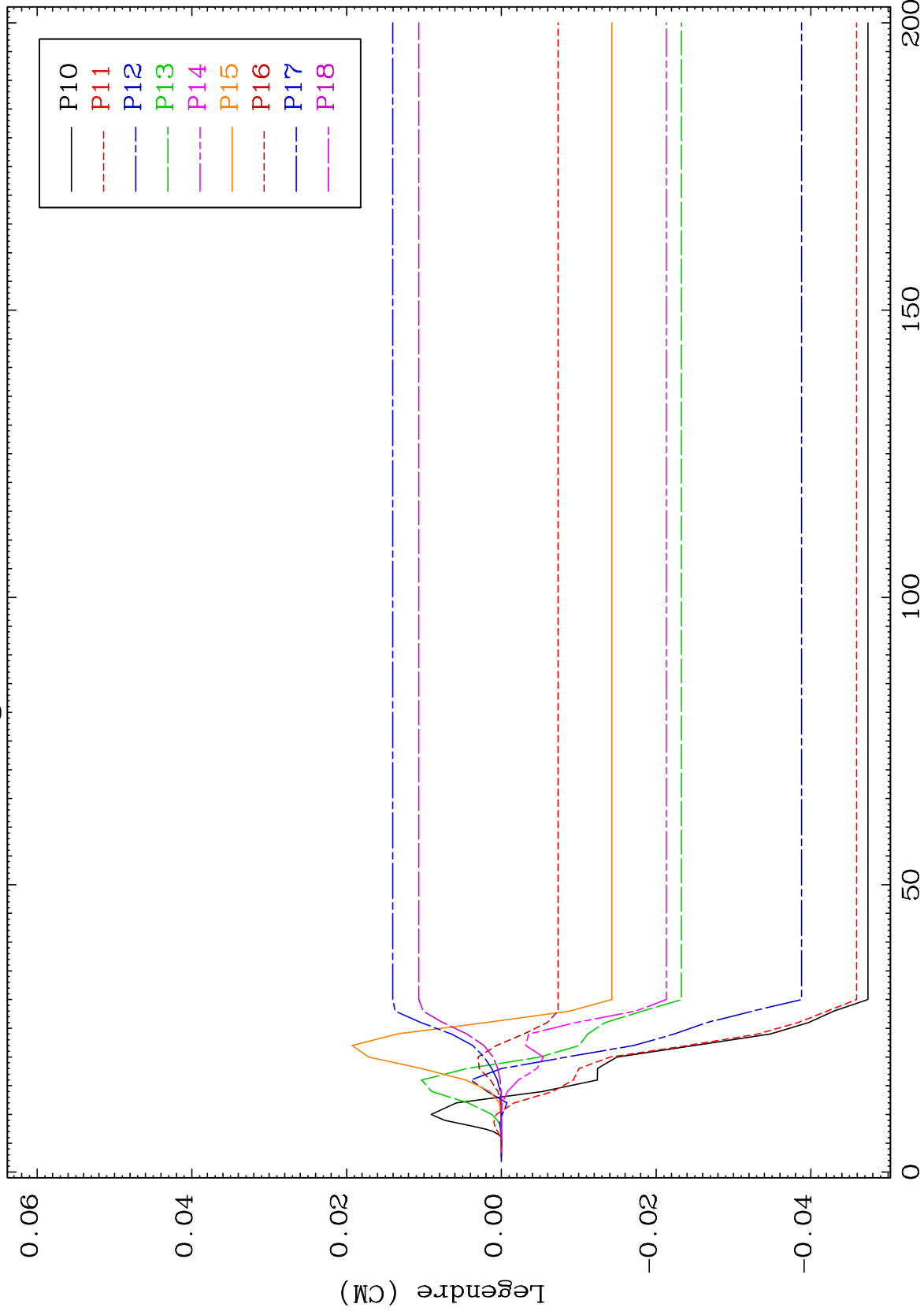
Incident Energy (MeV)

35

MAT 5458

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

54-Xe-135



36

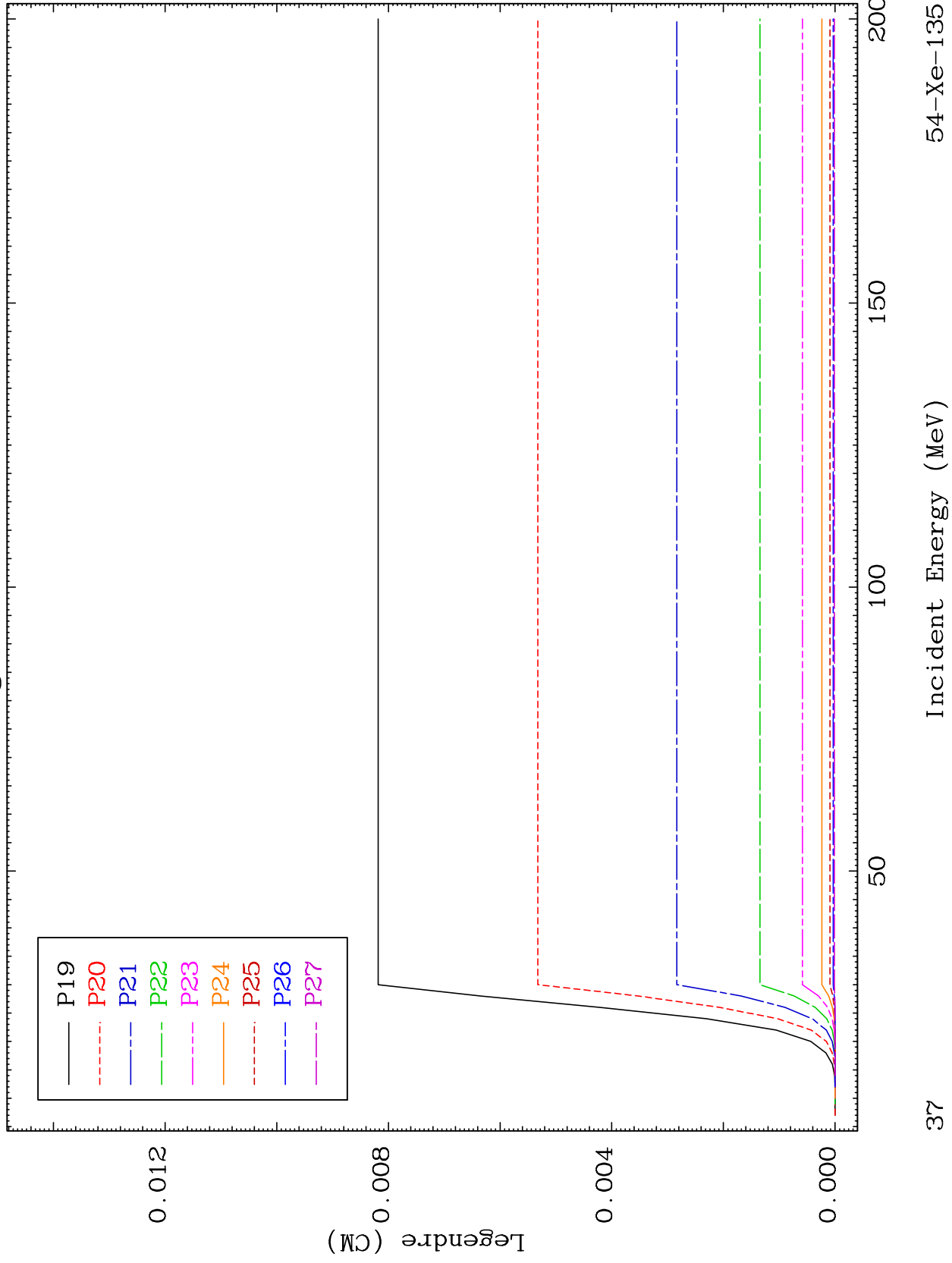
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



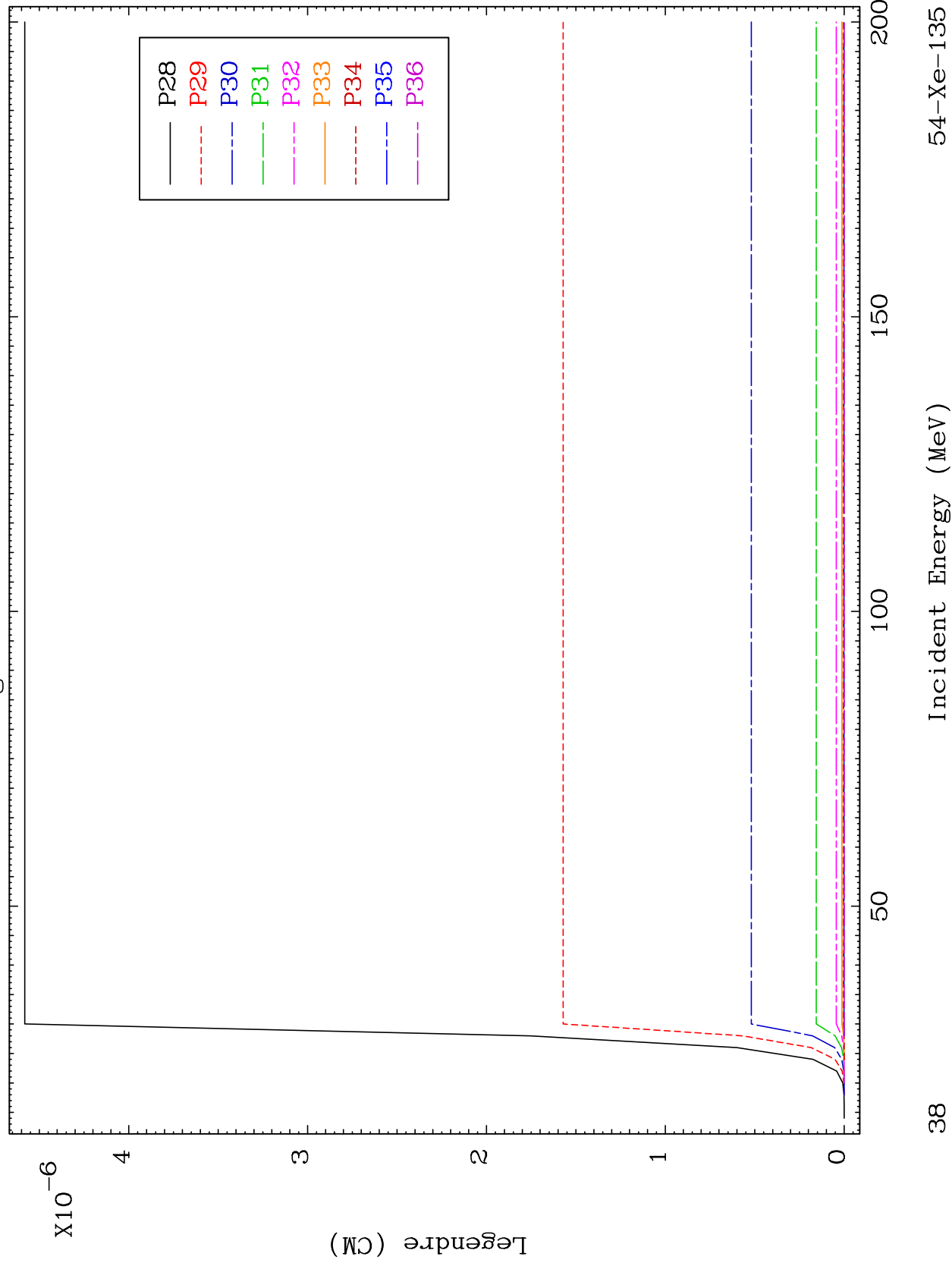
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54-Xe-135

MAT 5458

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

54-Xe-135



38

54-Xe-135

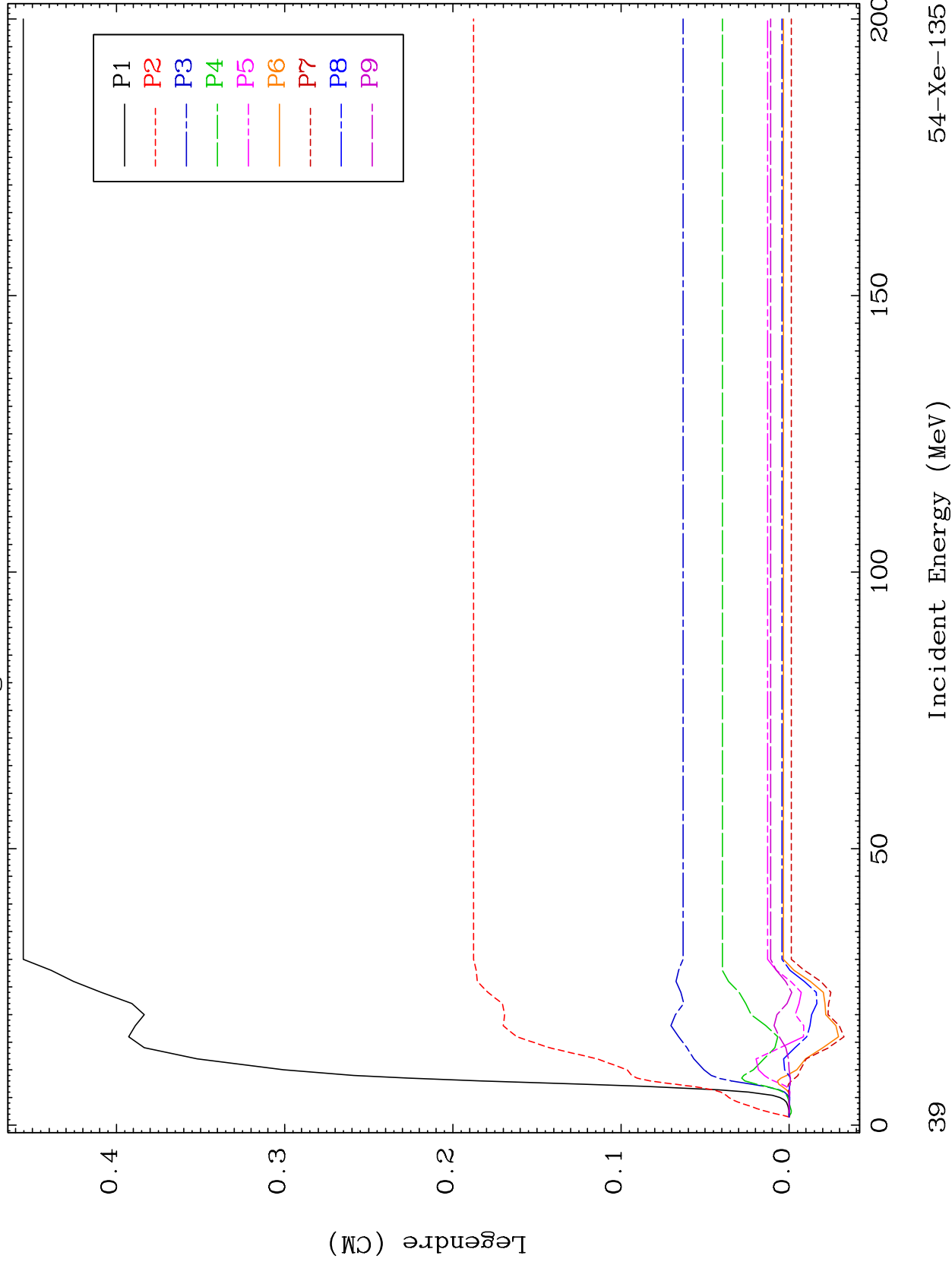
Incident Energy (MeV)

200

MAT 5458

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

54-Xe-135



54-Xe-135

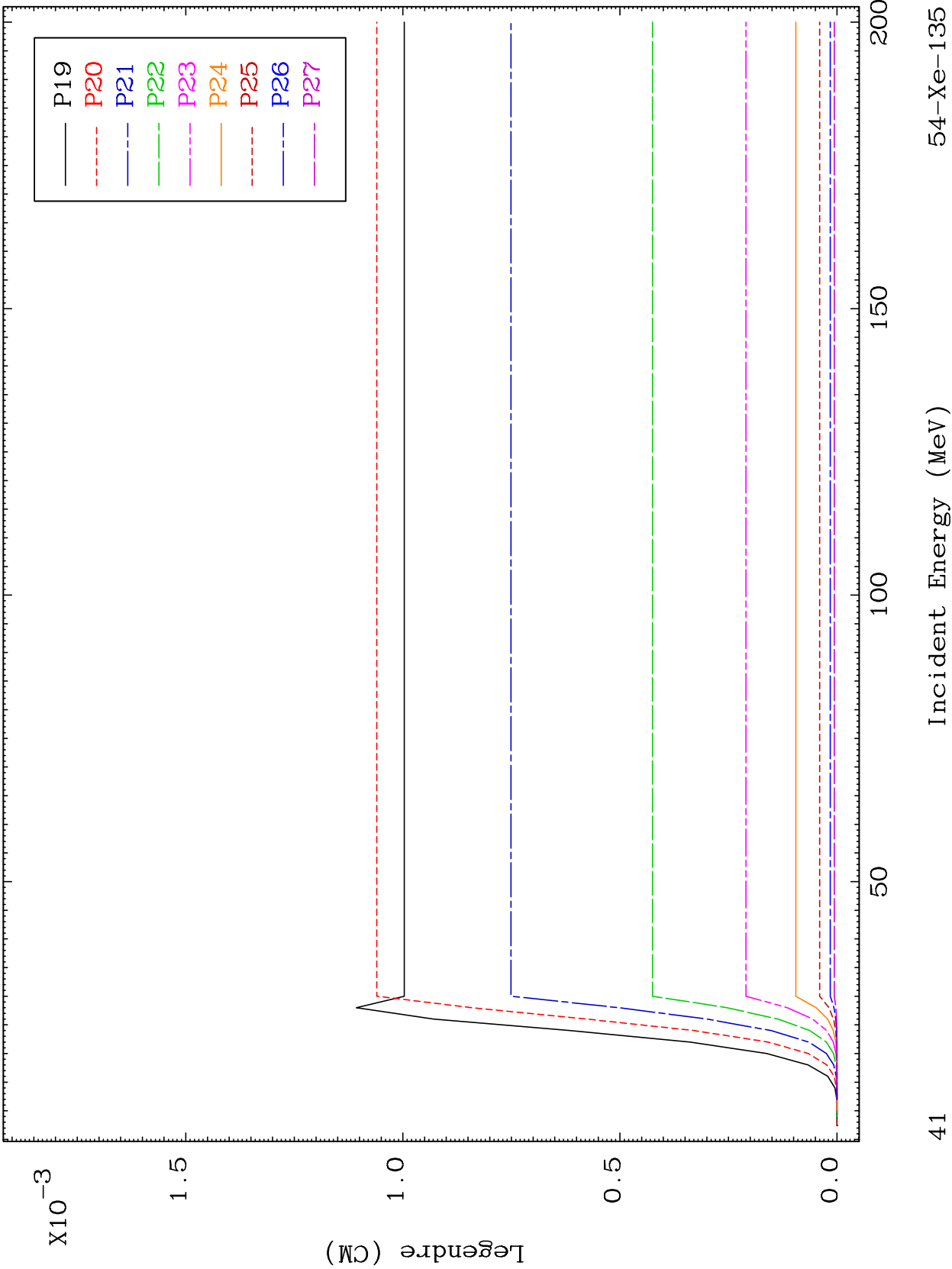
Incident Energy (MeV)

39

MAT 5458

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

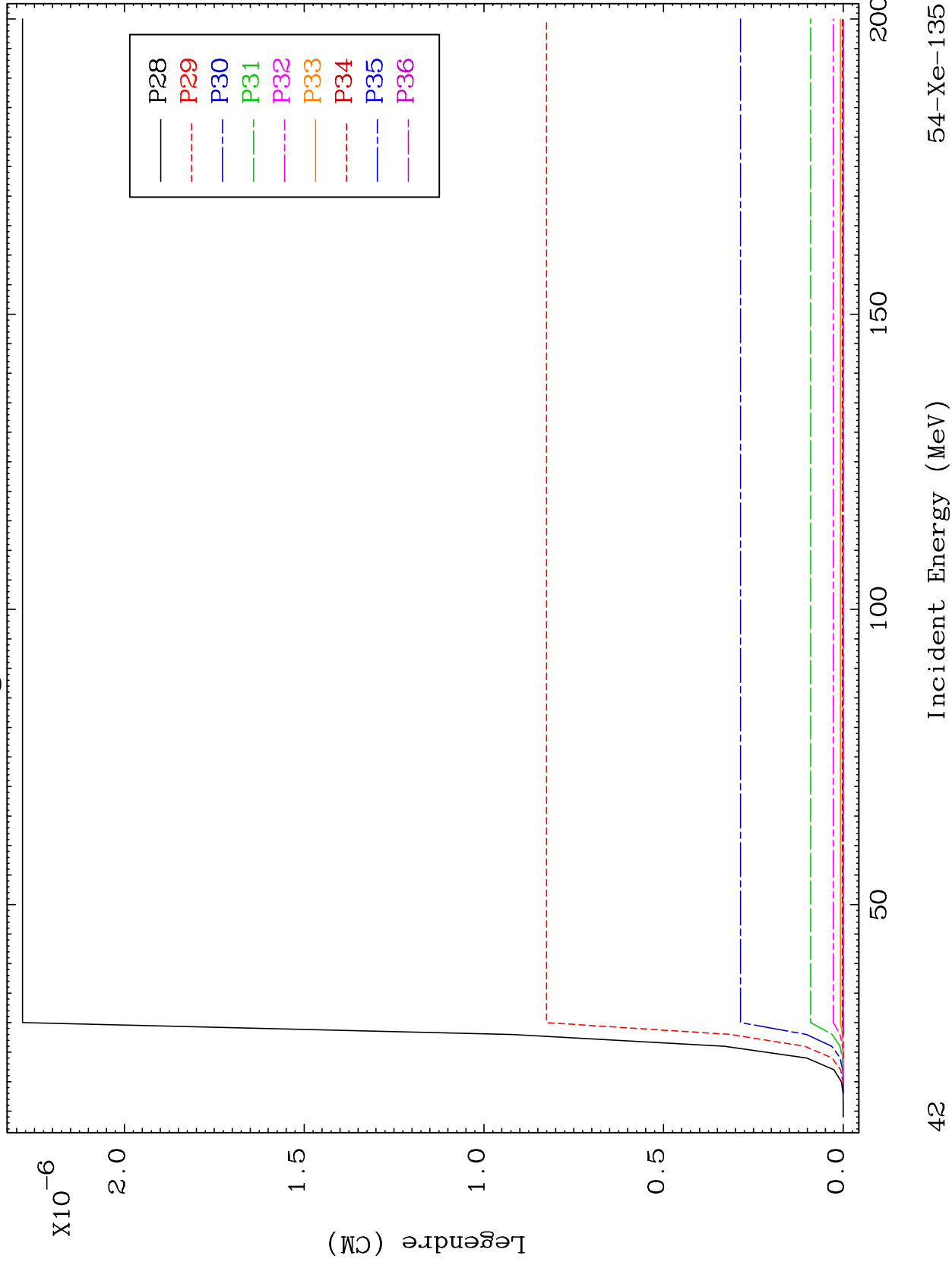
54-Xe-135



MAT 5458

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

54-Xe-135

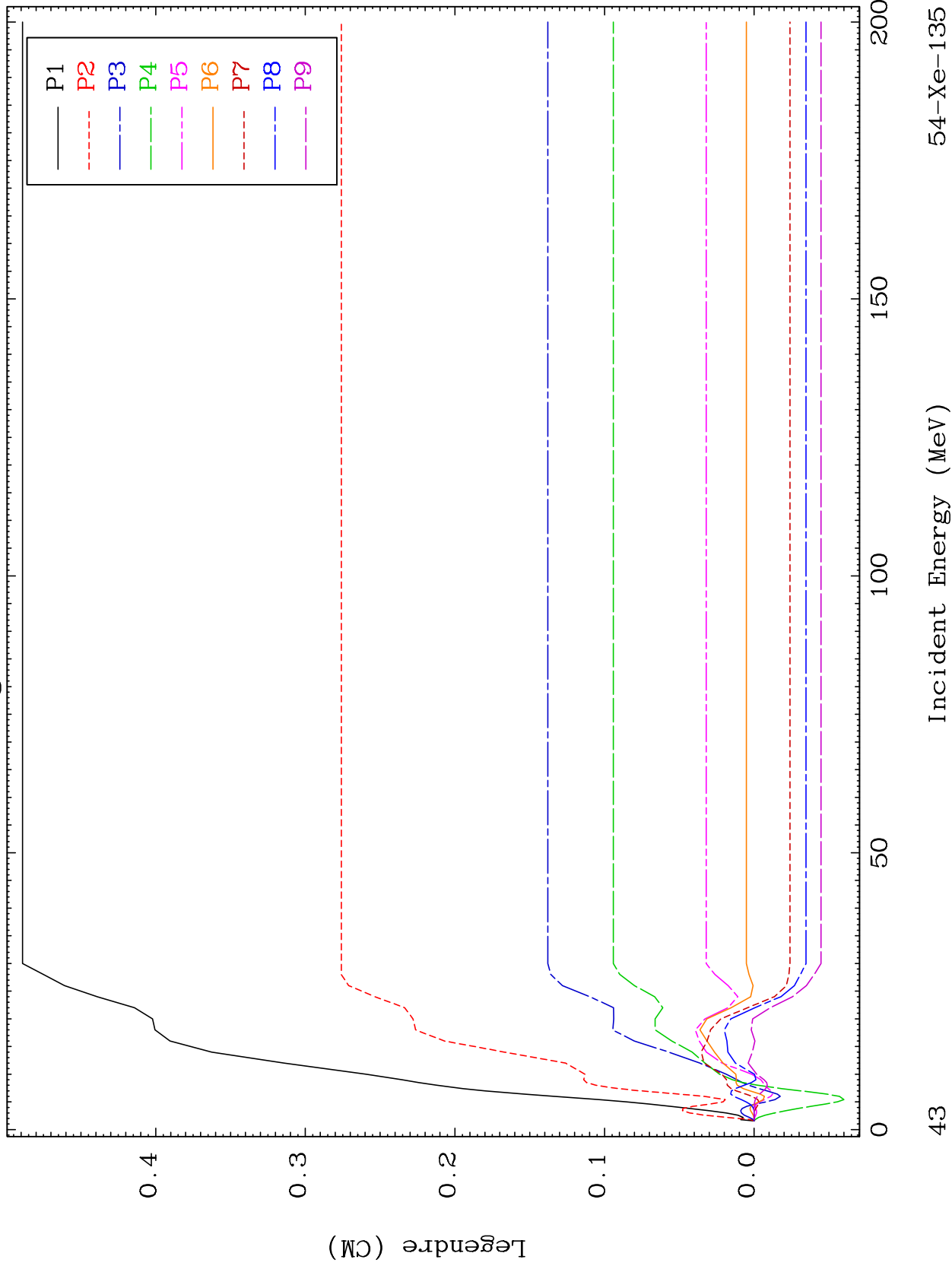


42

MAT 5458

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

54-Xe-135



54-Xe-135

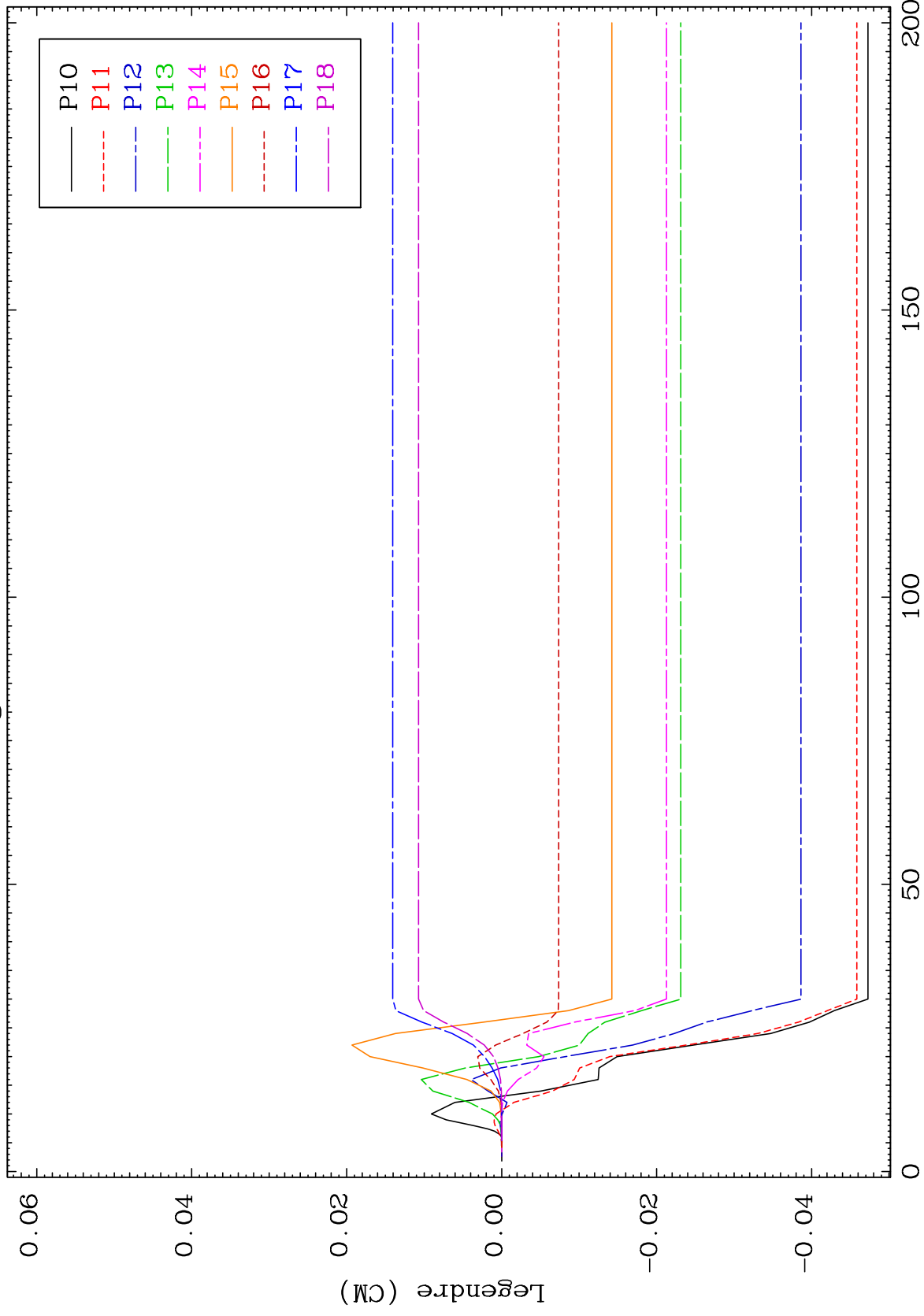
Incident Energy (MeV)

43

MAT 5458

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

54-Xe-135



44

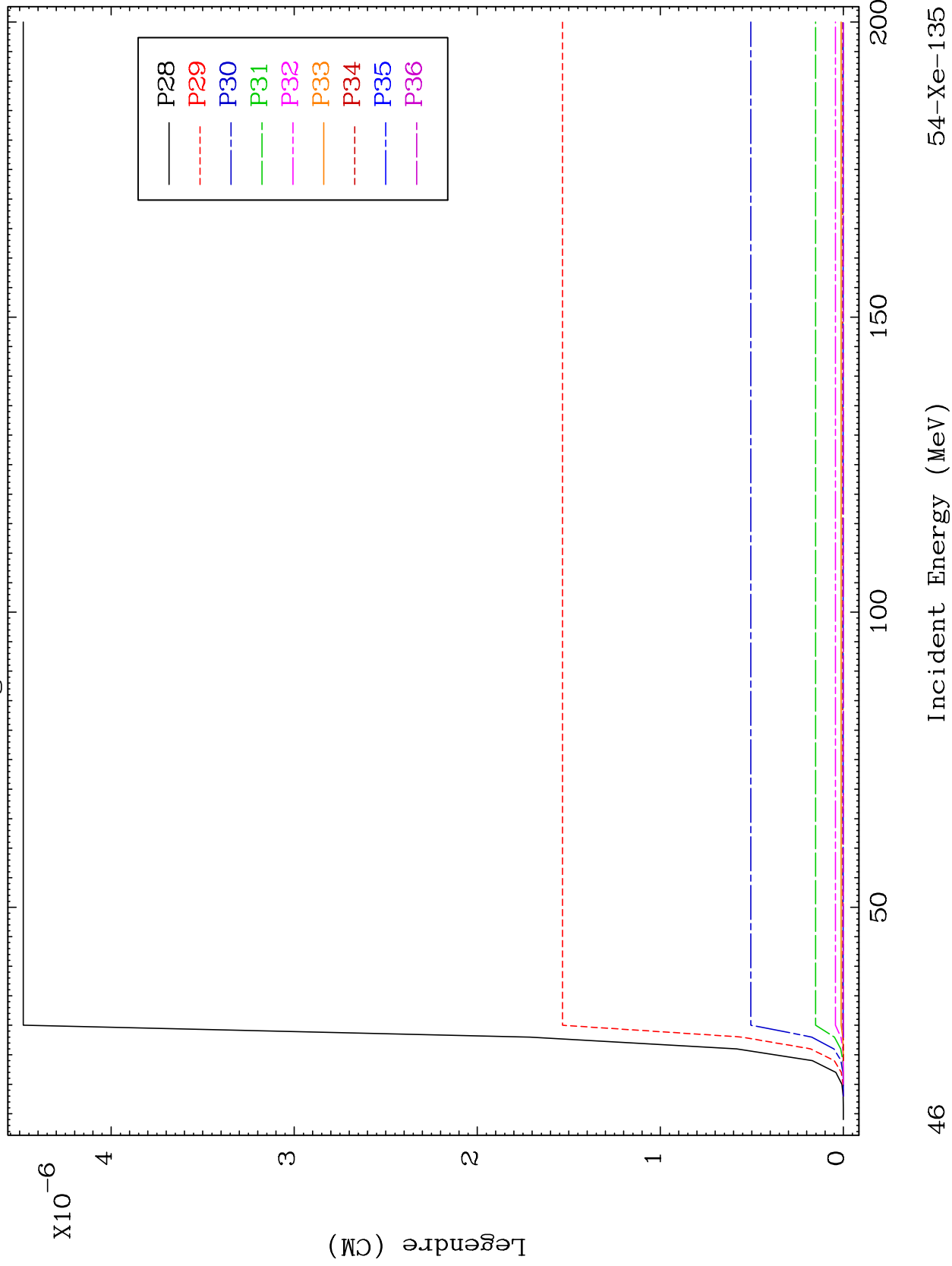
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



46

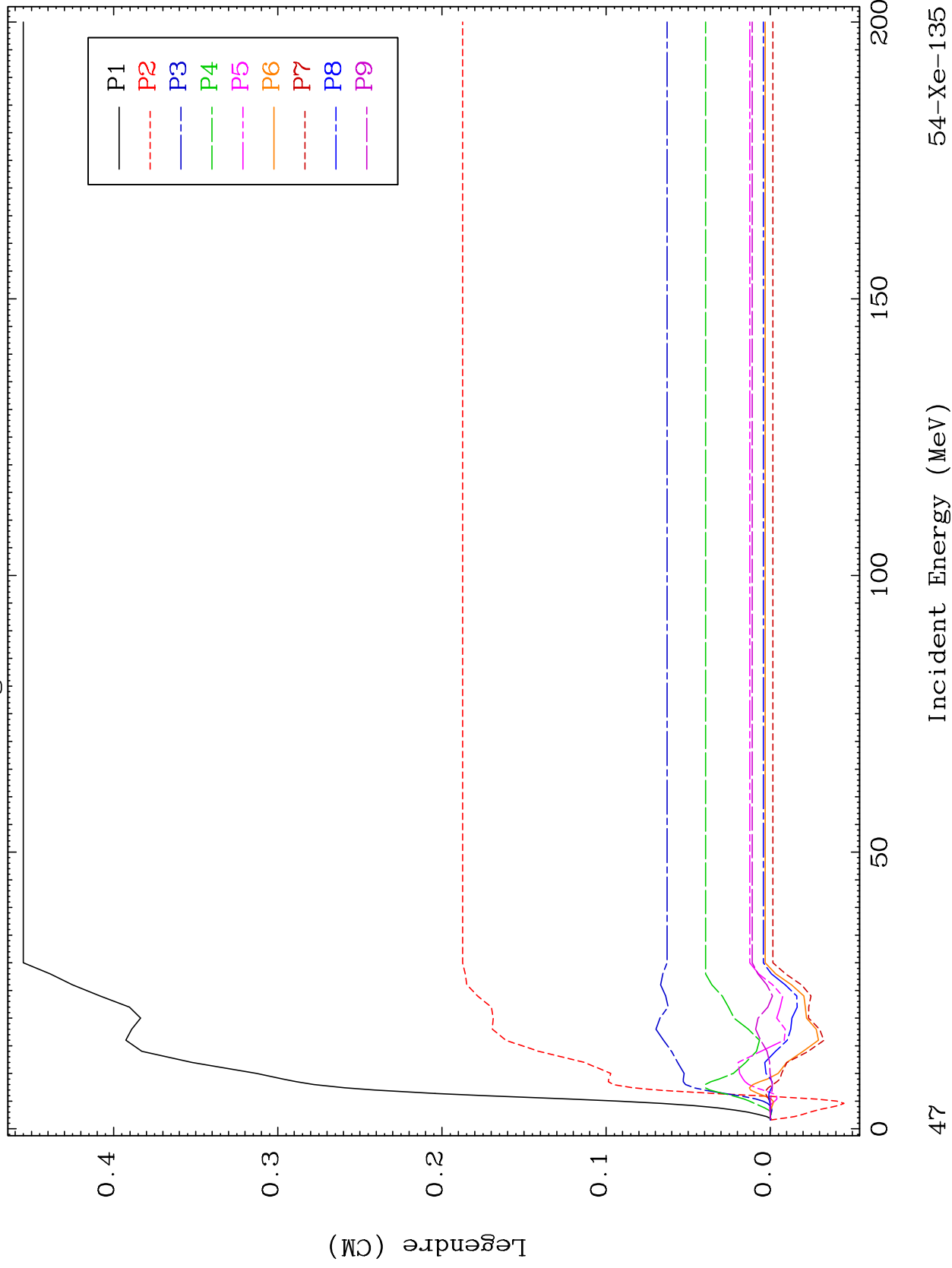
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

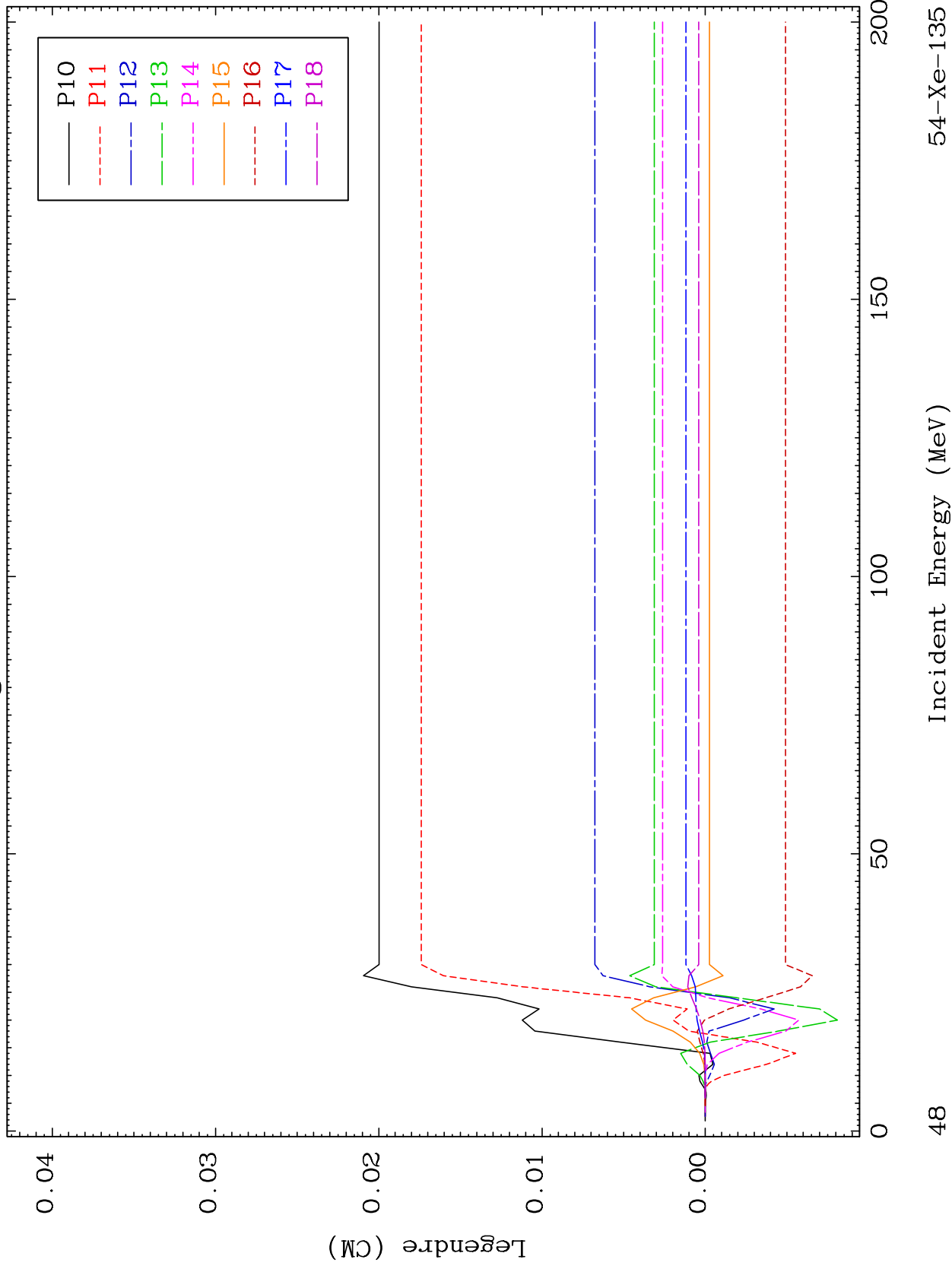
Incident Energy (MeV)

47

MAT 5458

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

54-Xe-135



54-Xe-135

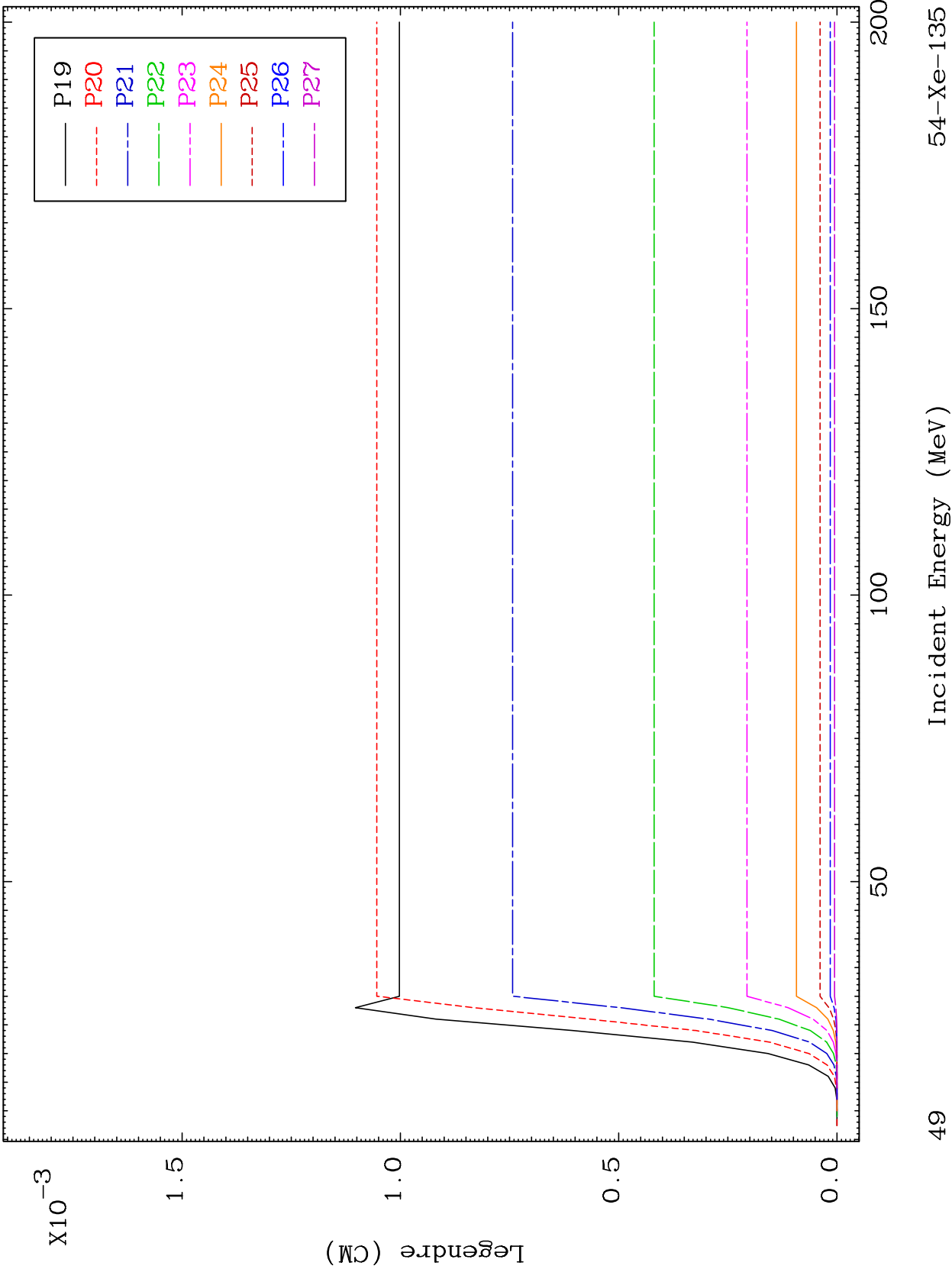
Incident Energy (MeV)

48

MAT 5458

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

54-Xe-135



49

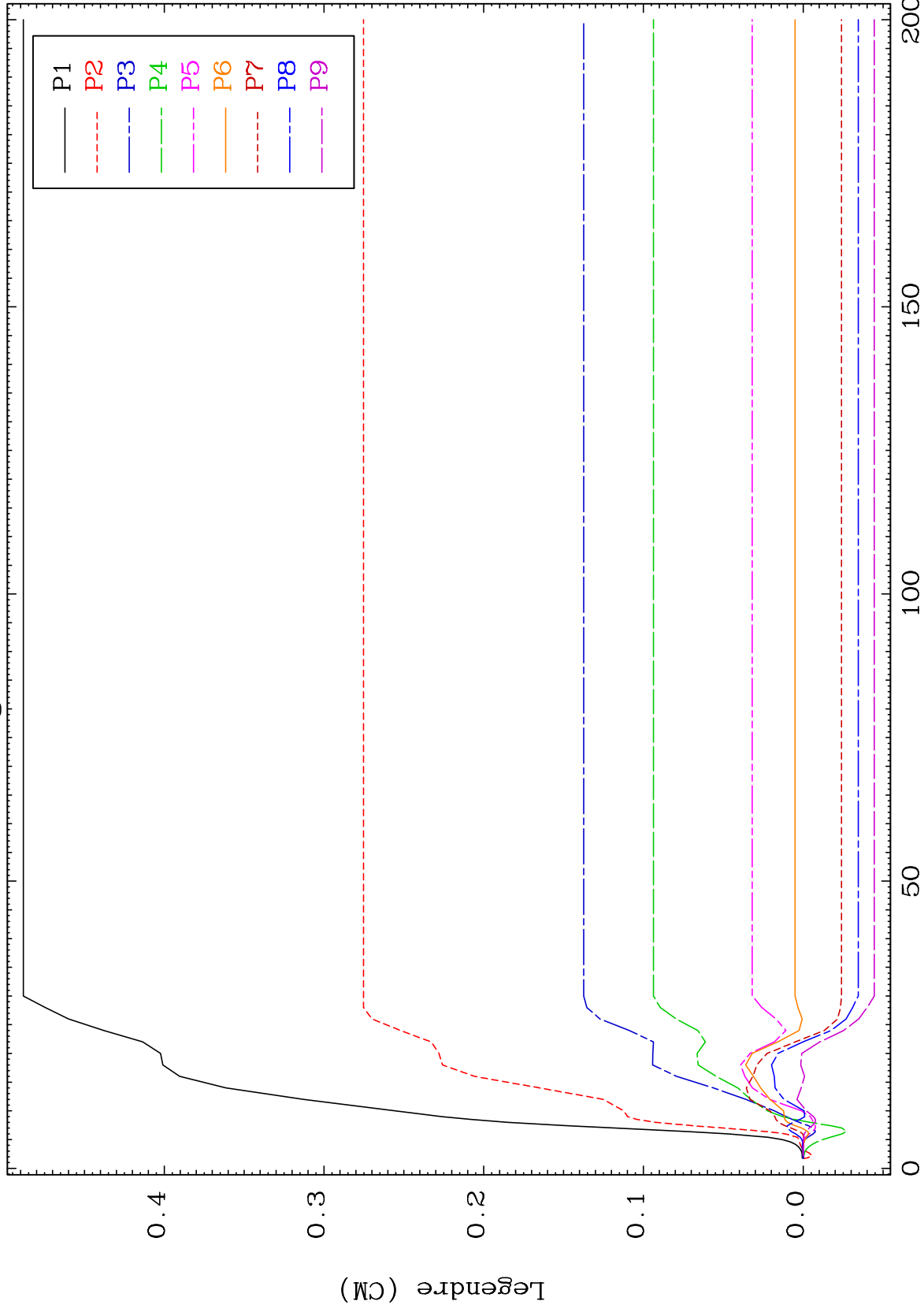
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



51

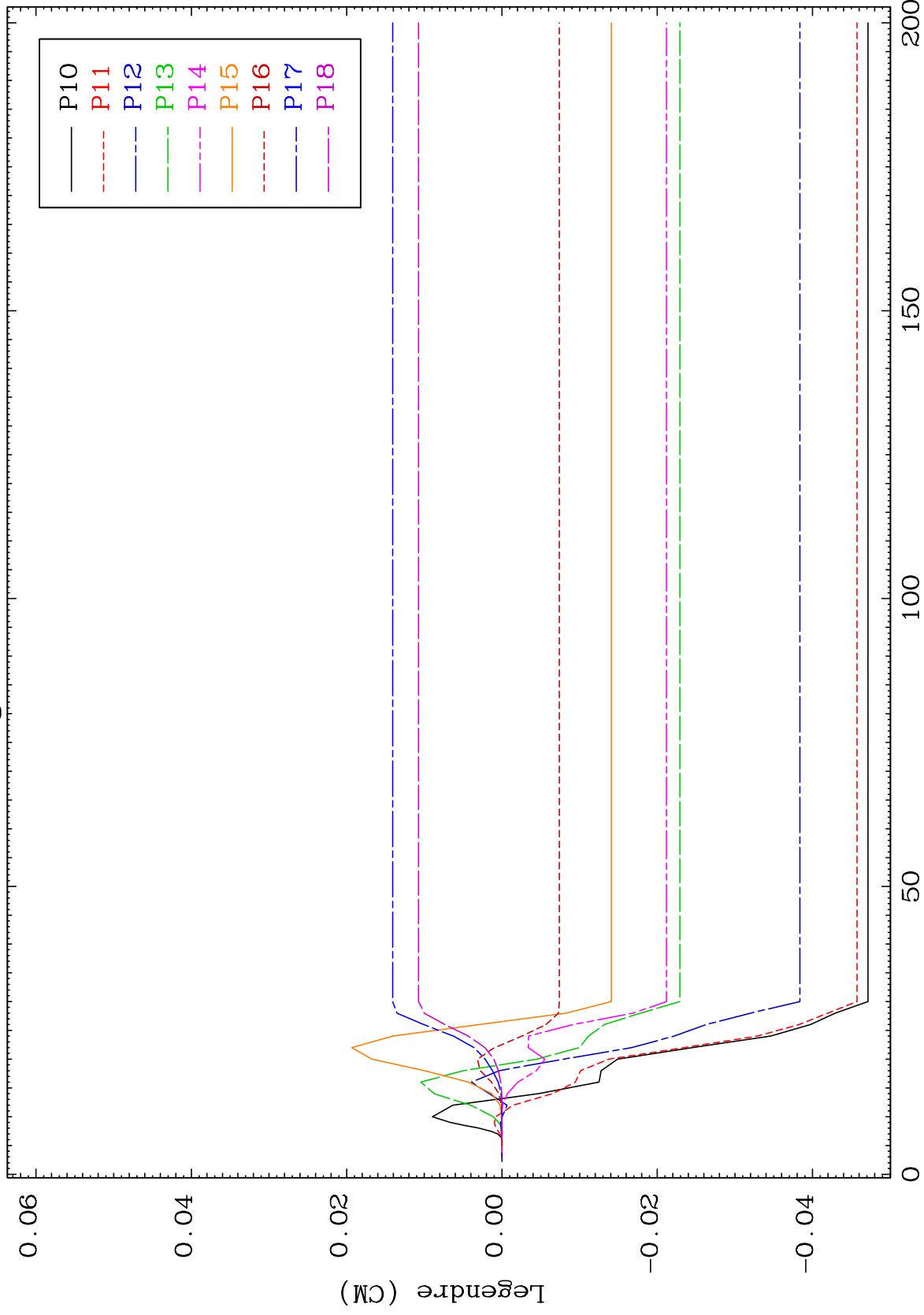
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



52

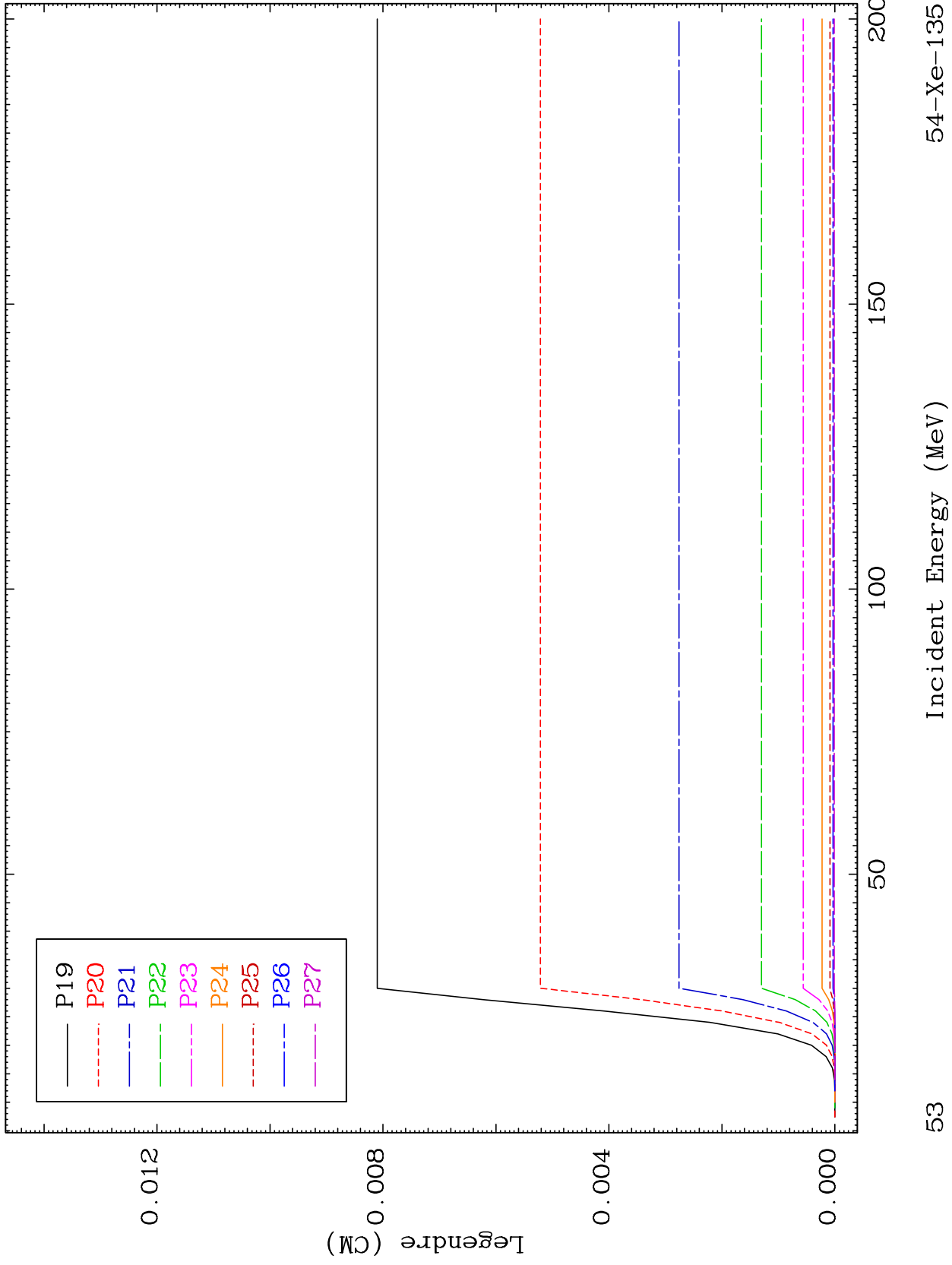
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



53

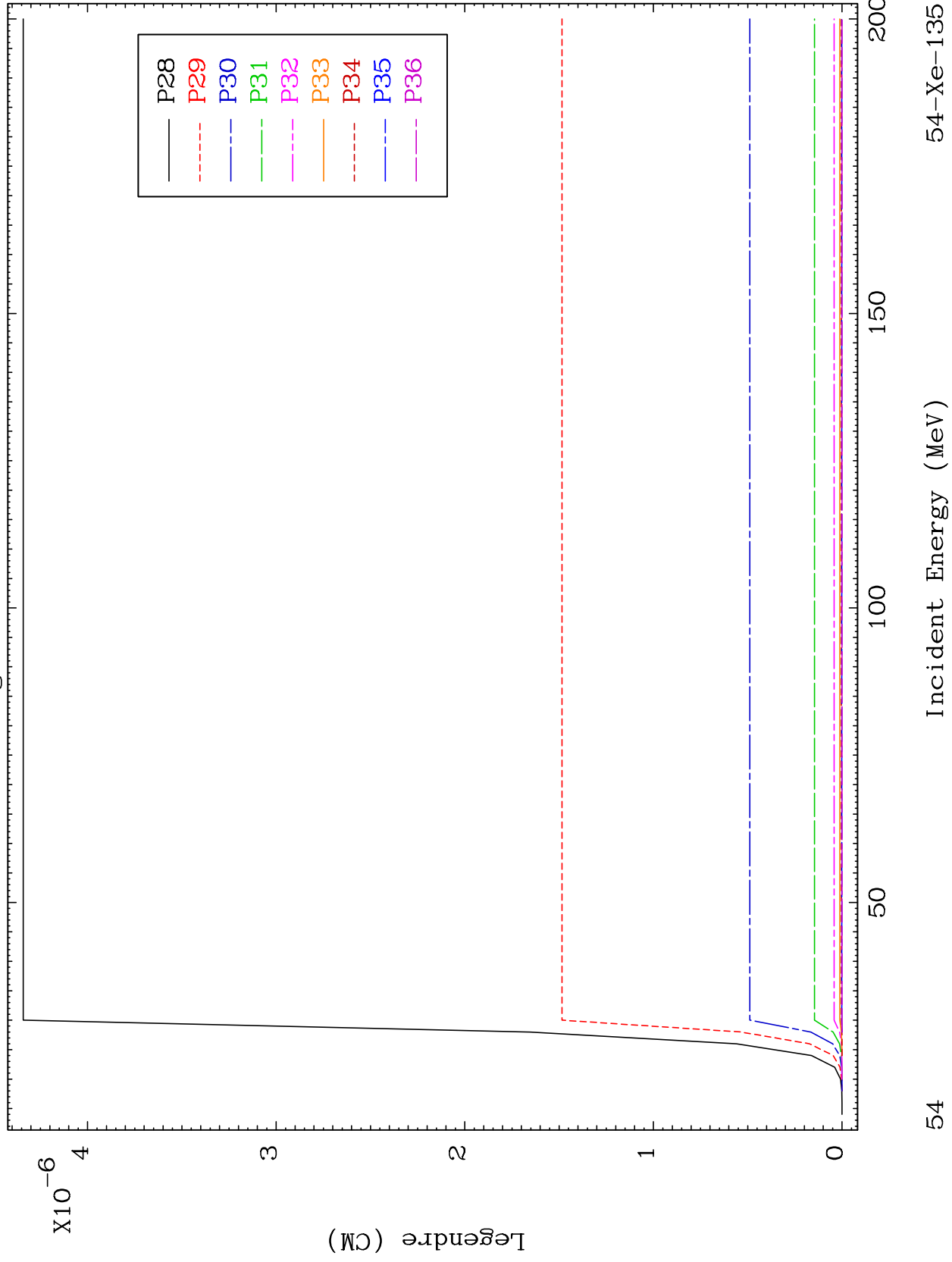
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

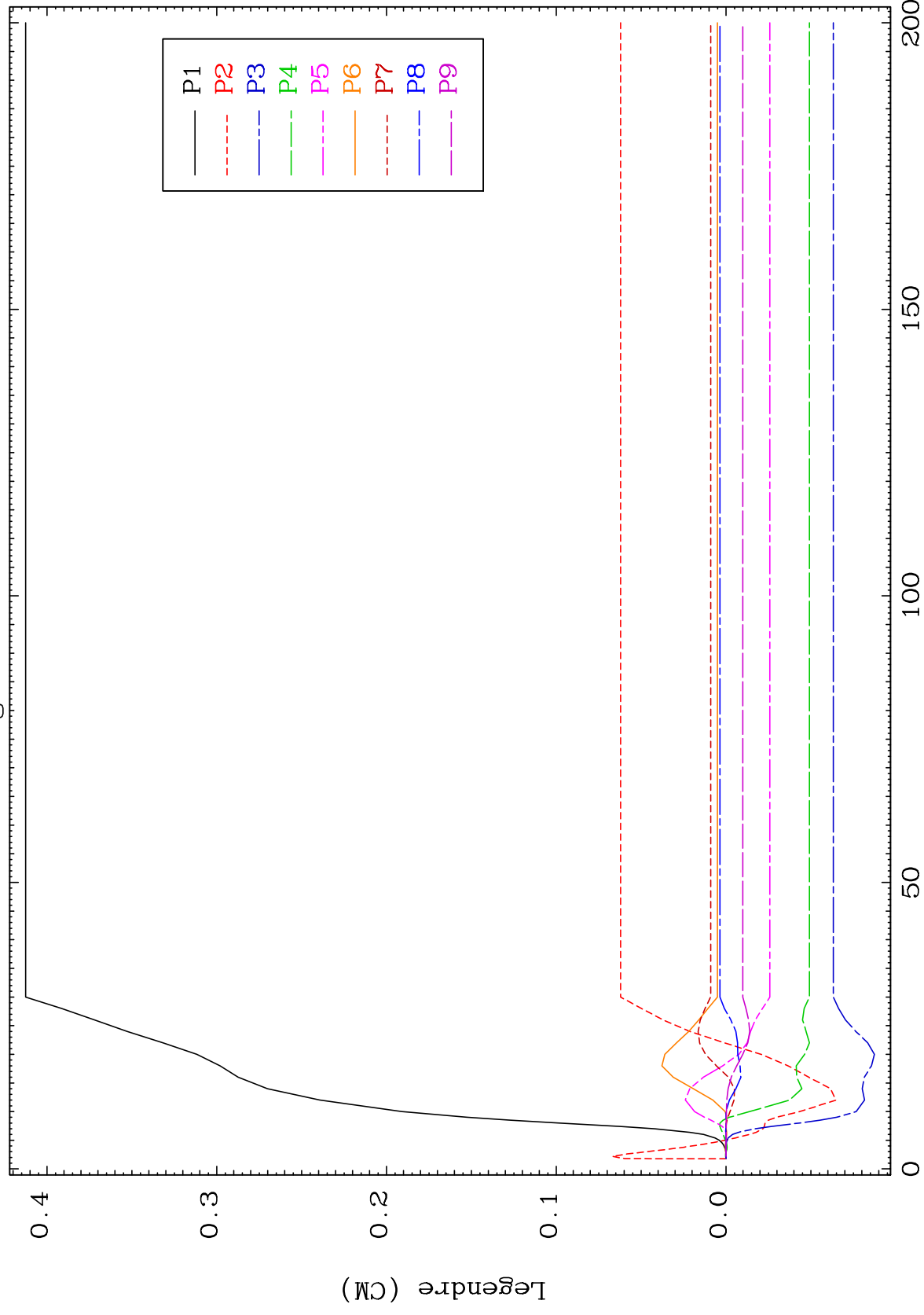
54-Xe-135



MAT 5458

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

54-Xe-135



54-Xe-135

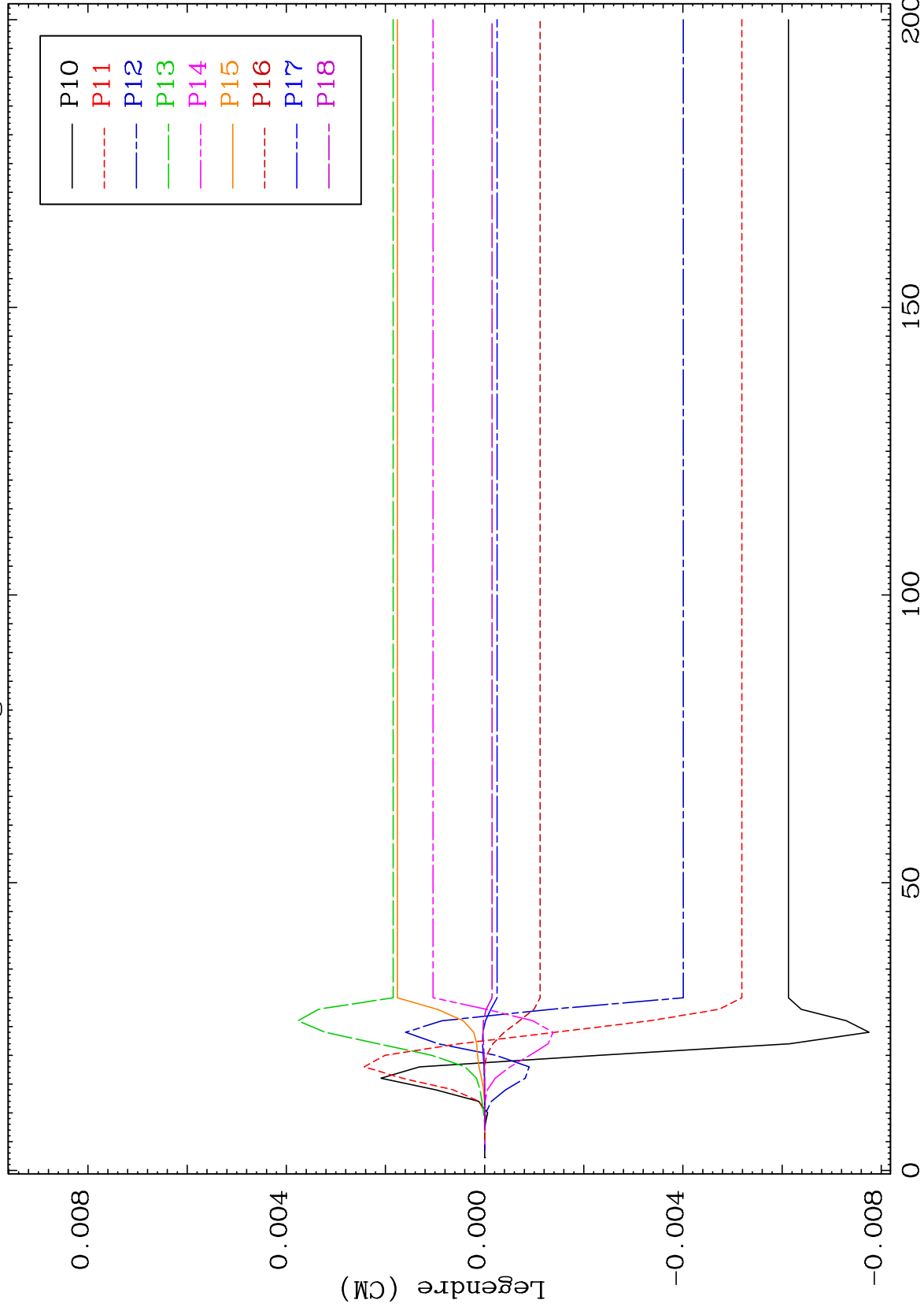
Incident Energy (MeV)

55

MAT 5458

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

54-Xe-135



56

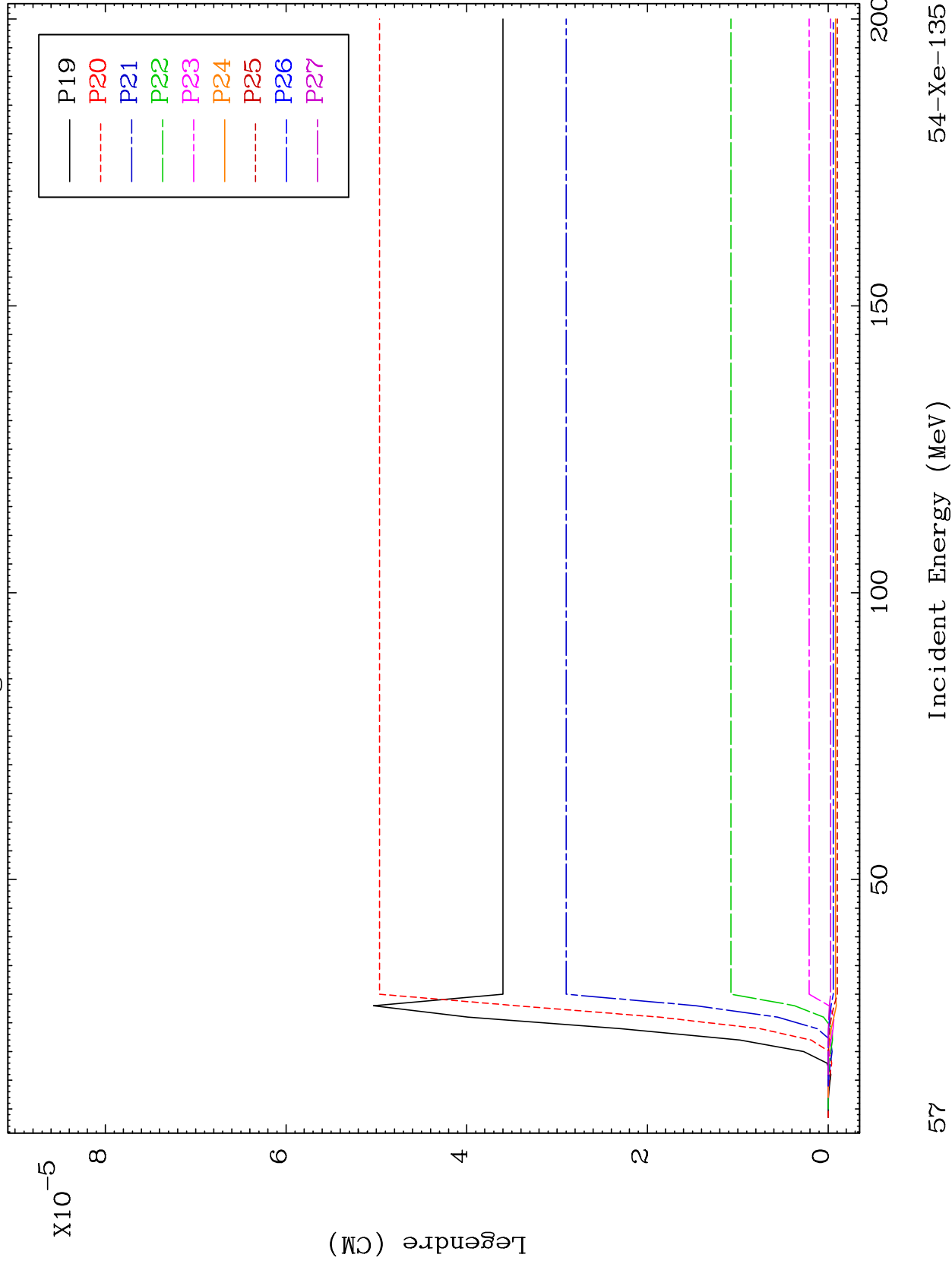
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

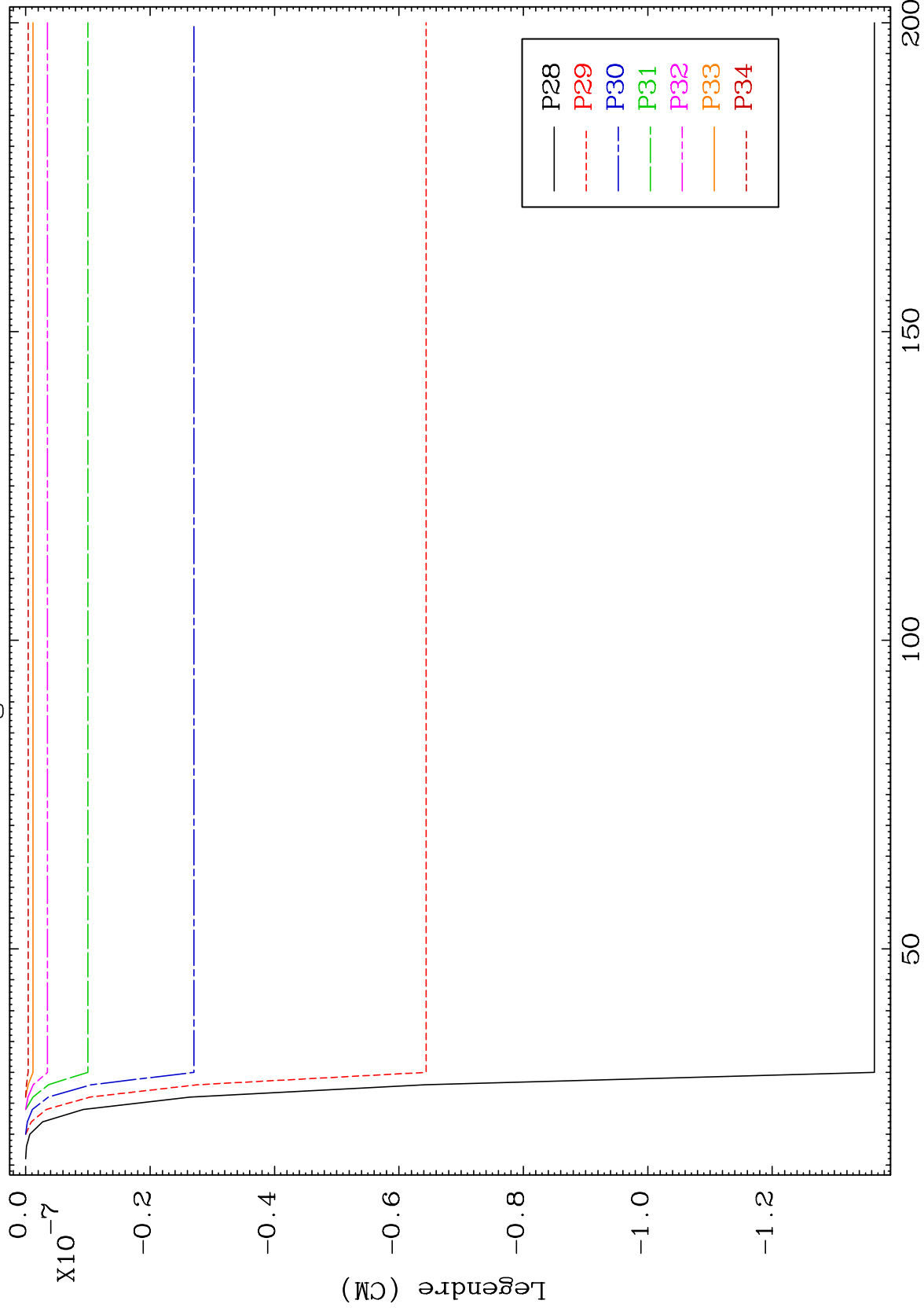
54-Xe-135



MAT 5458

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

54-Xe-135



58

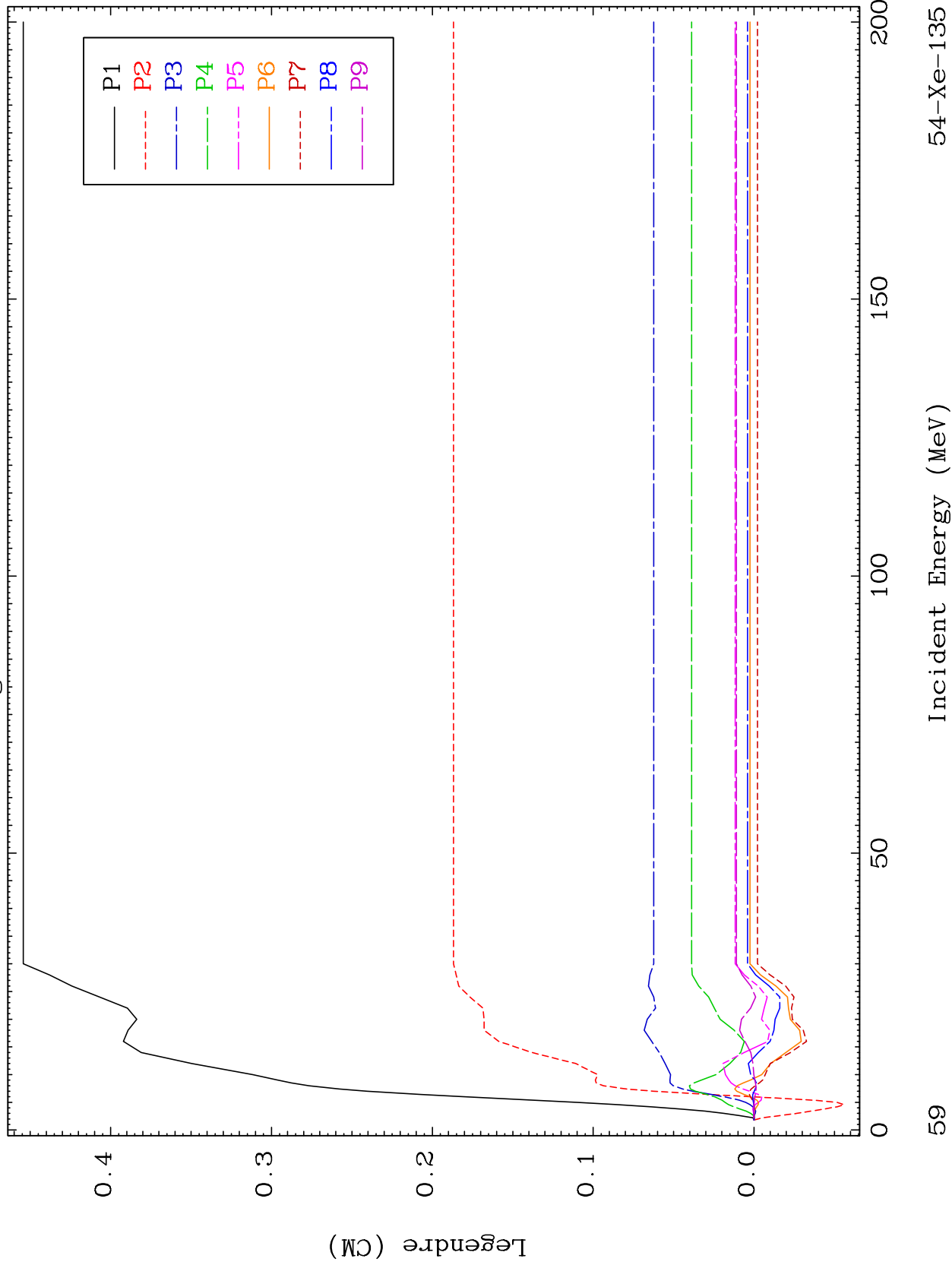
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

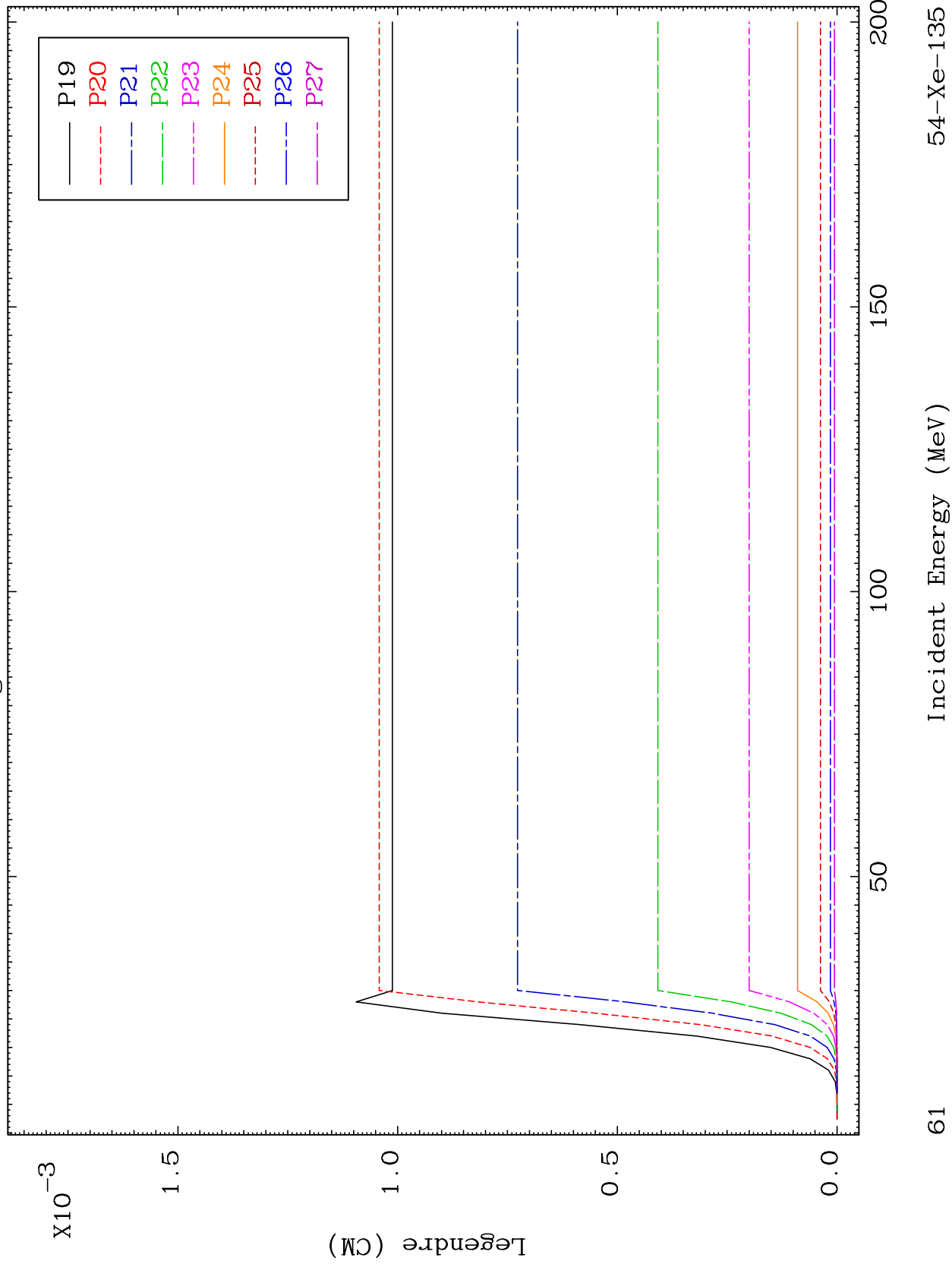
Incident Energy (MeV)

59

MAT 5458

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

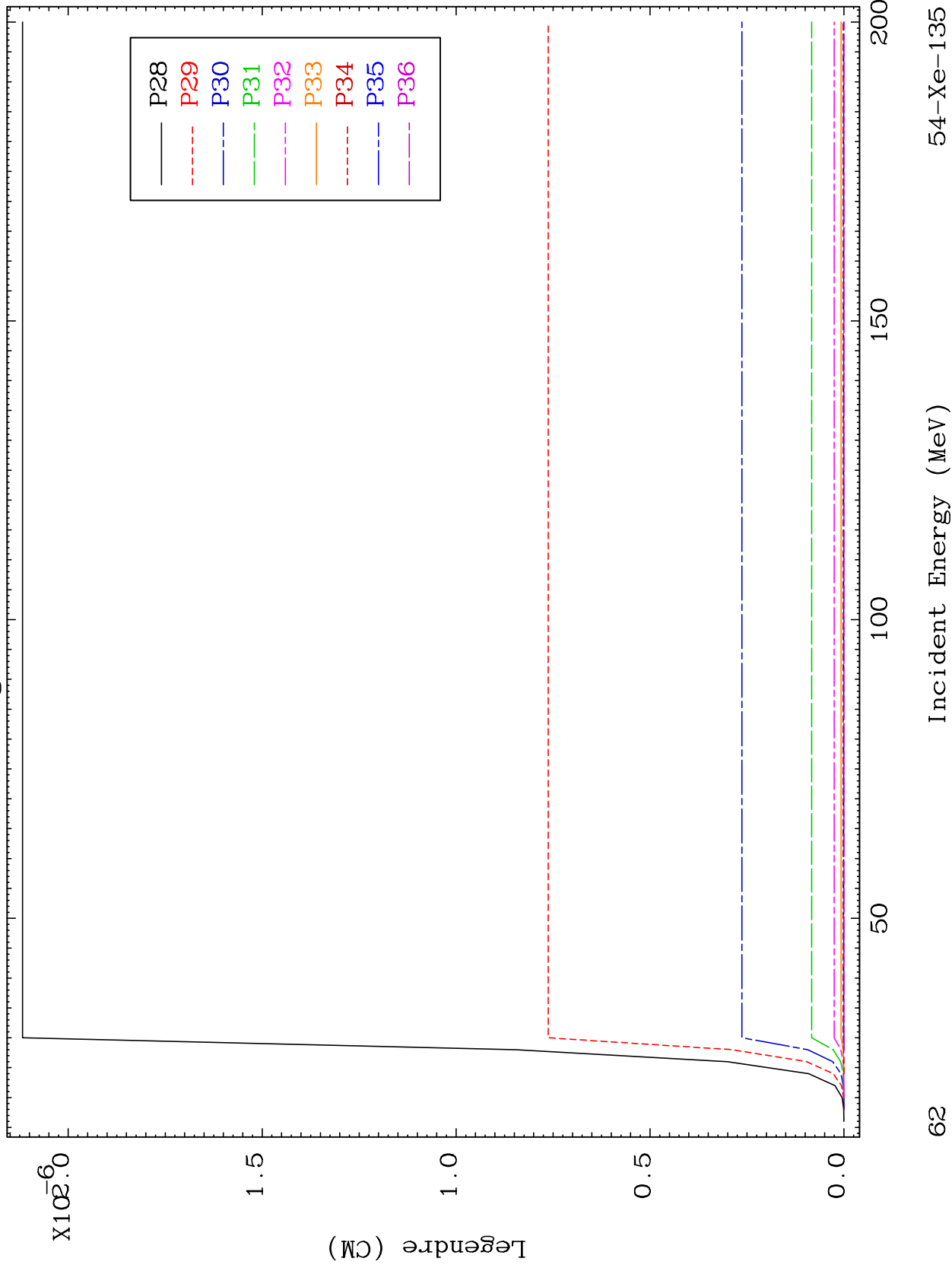
54-Xe-135



MAT 5458

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

54-Xe-135



62

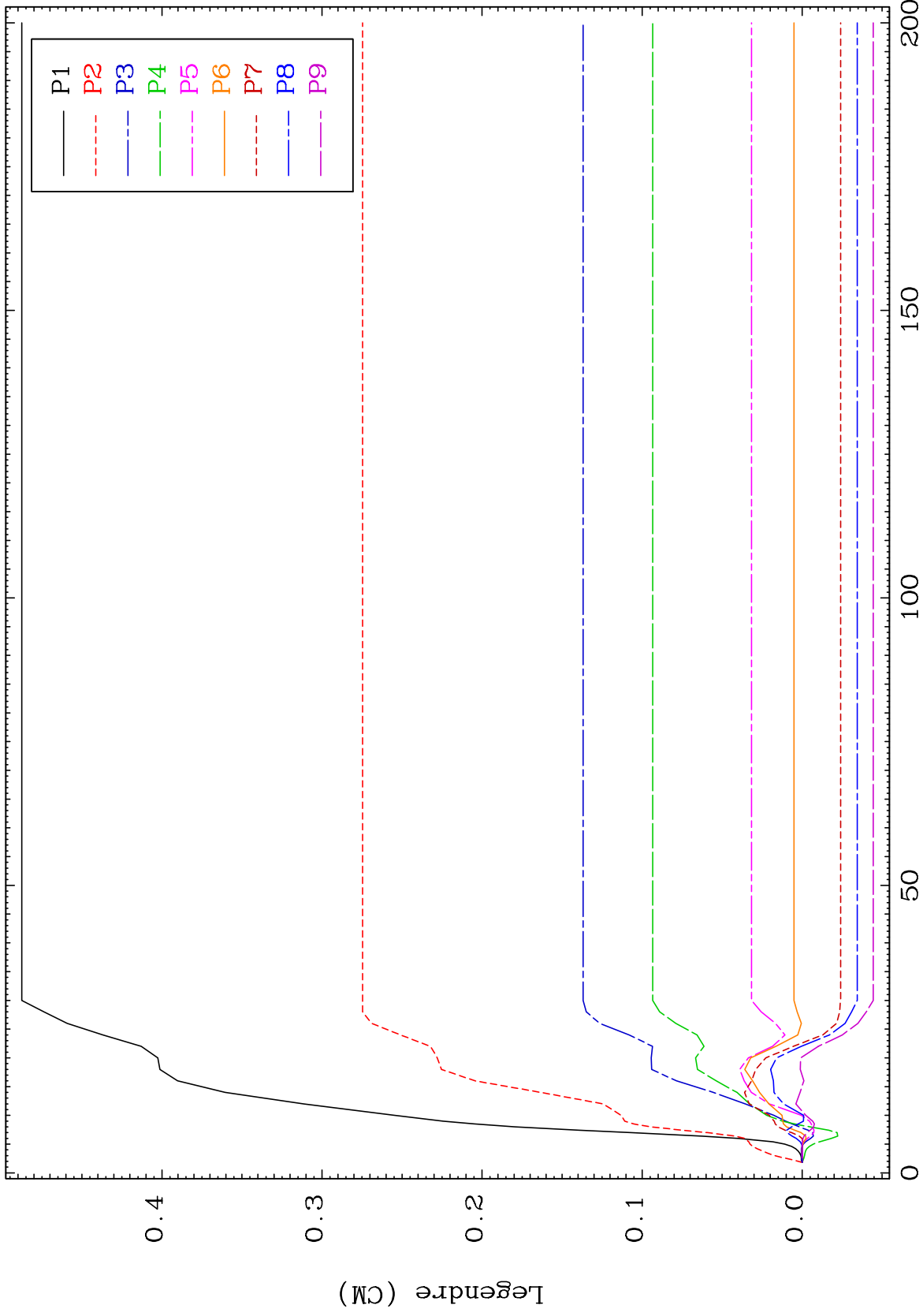
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



63

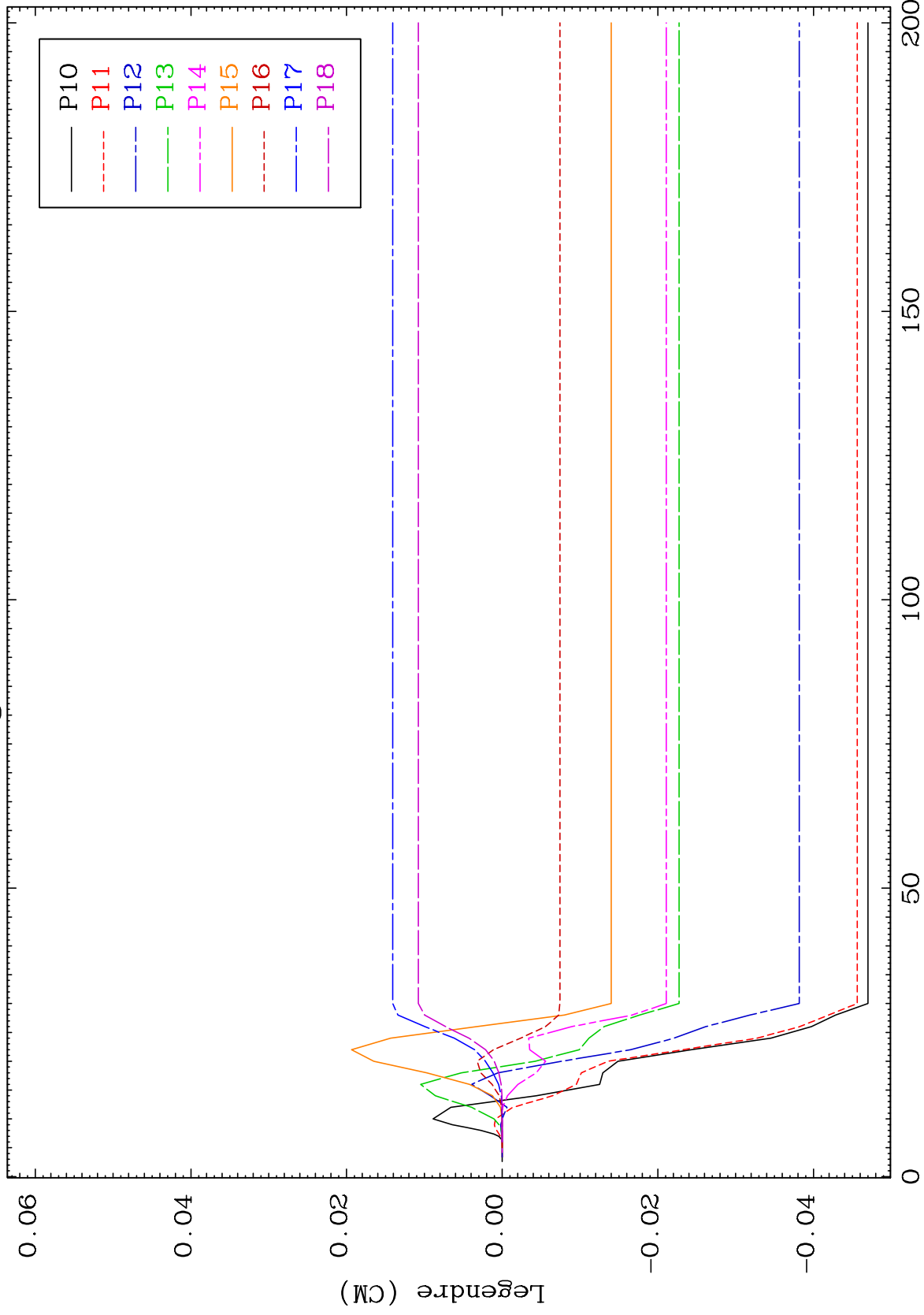
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



64

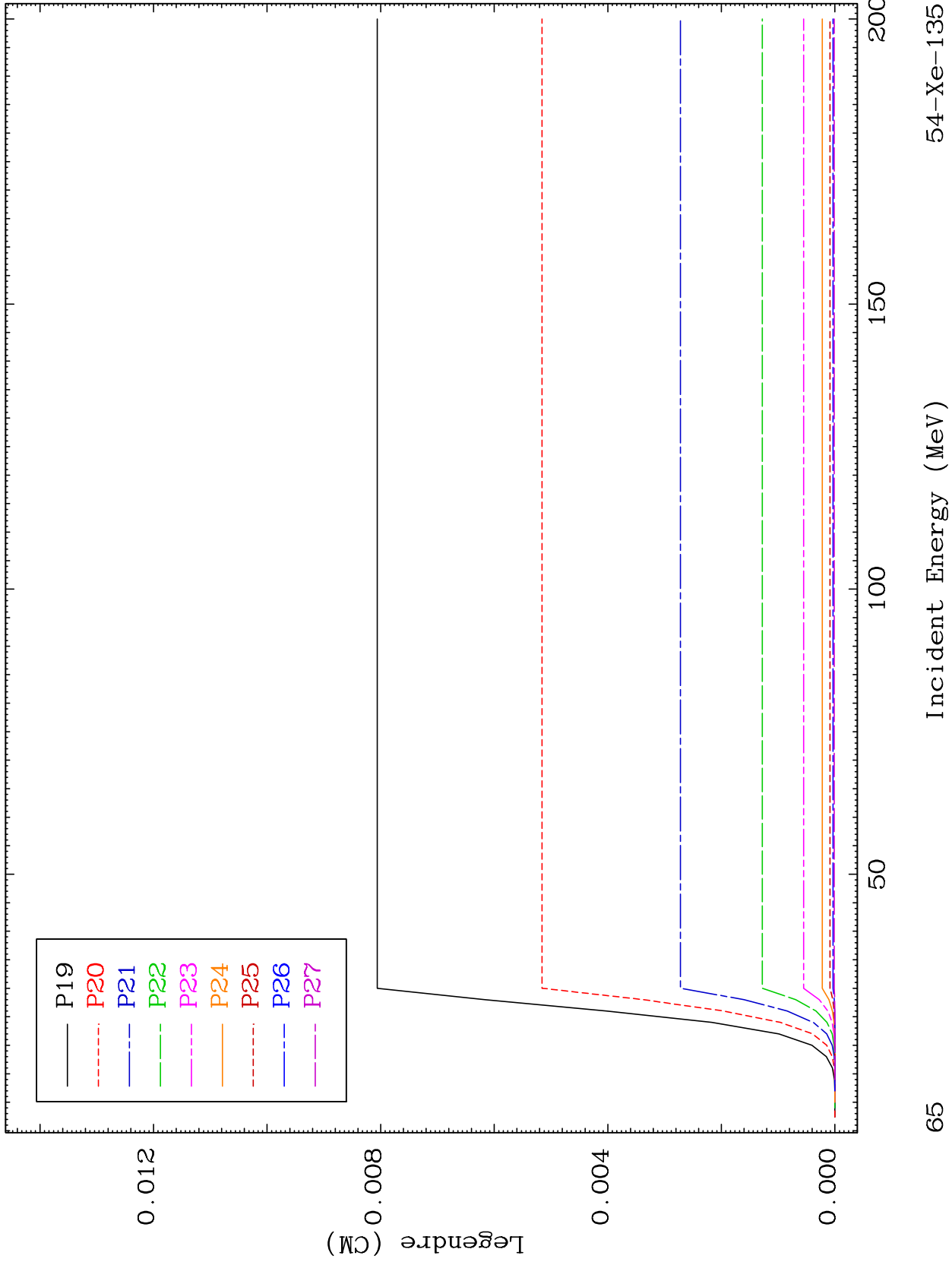
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



65

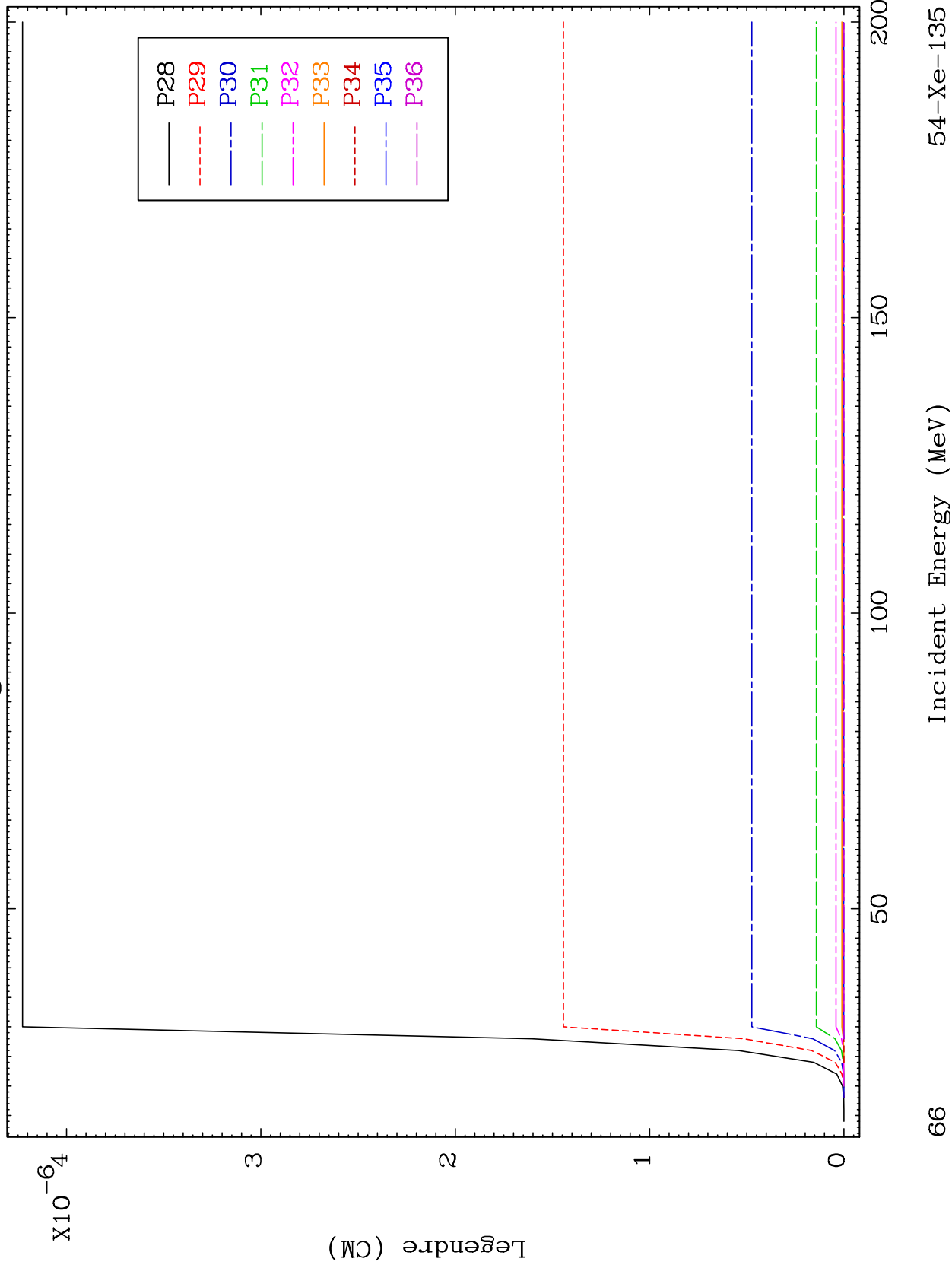
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

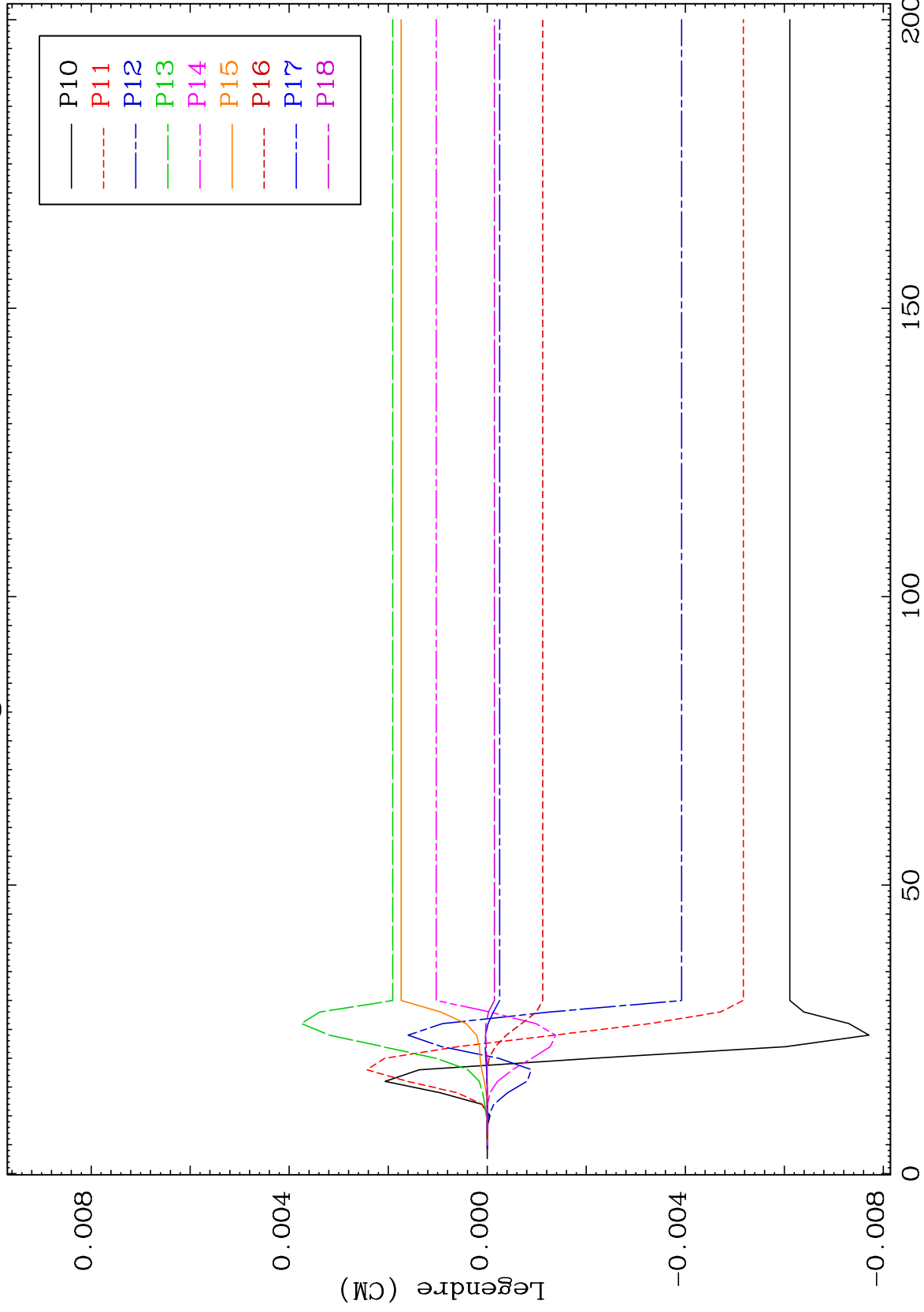
54-Xe-135



MAT 5458

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

54-Xe-135



68

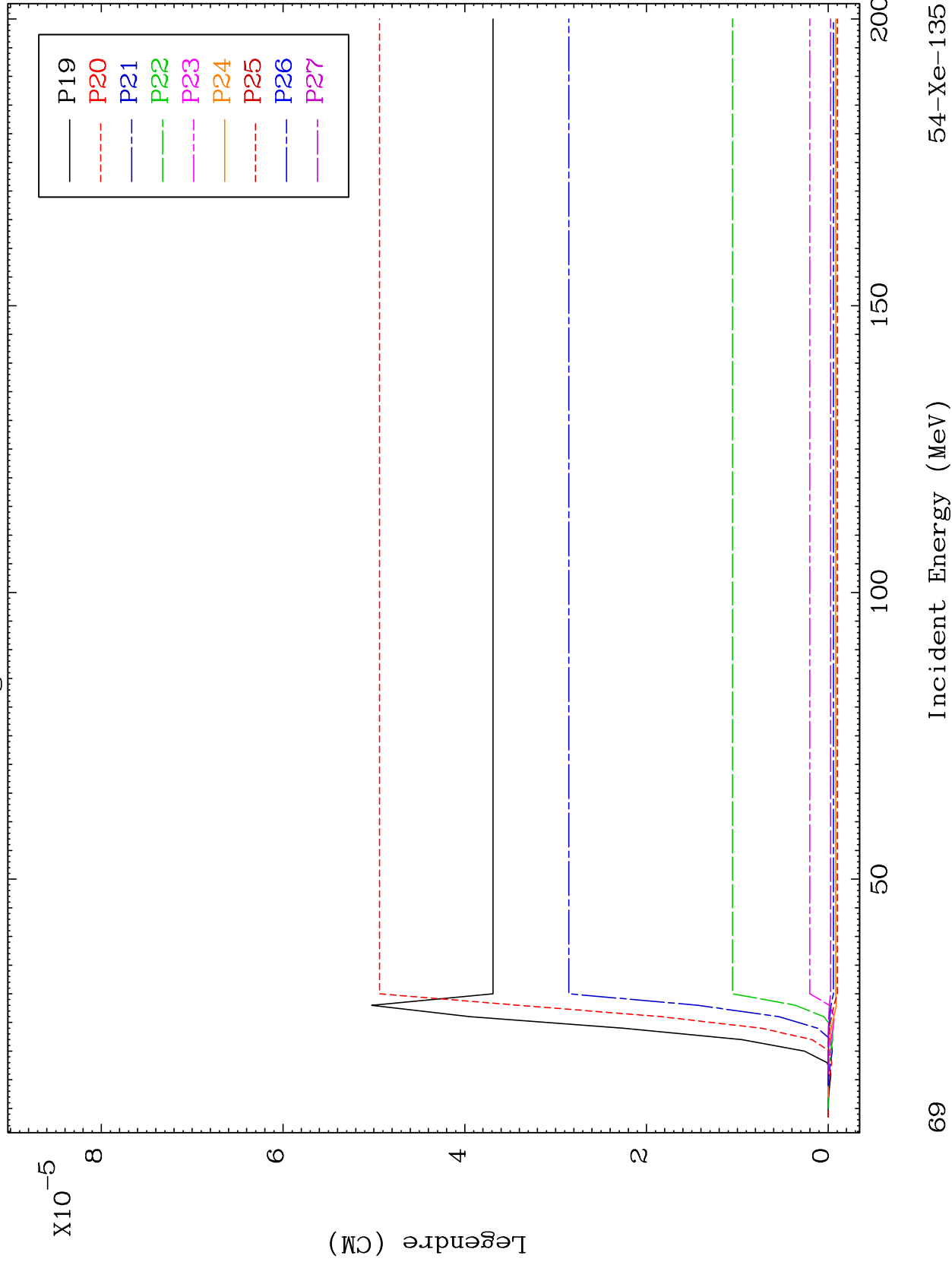
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



69

Incident Energy (MeV)

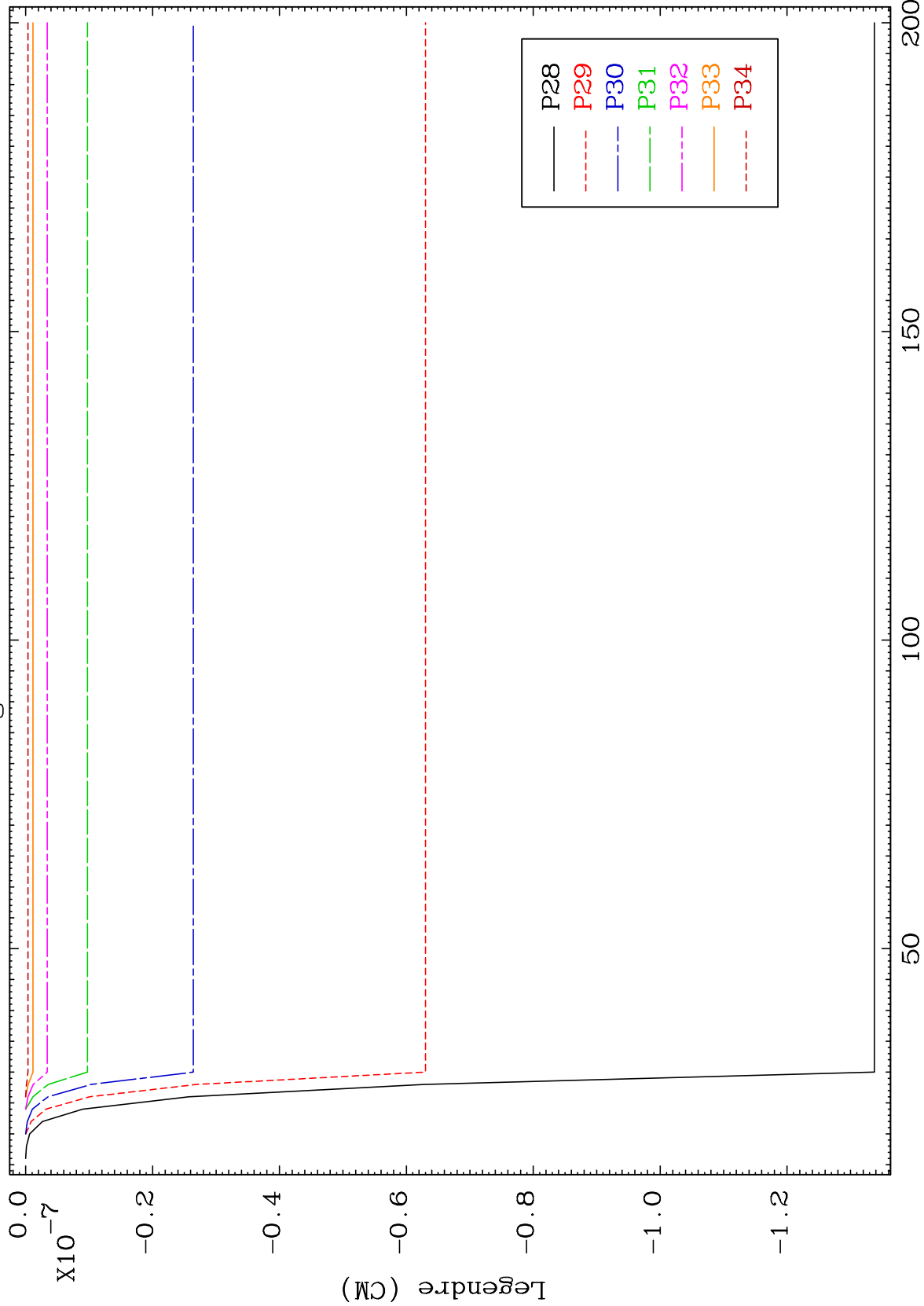
54-Xe-135

MAT 5458

MT= 63 (n,n') Level

54-Xe-135

Legendre Coefficients



70

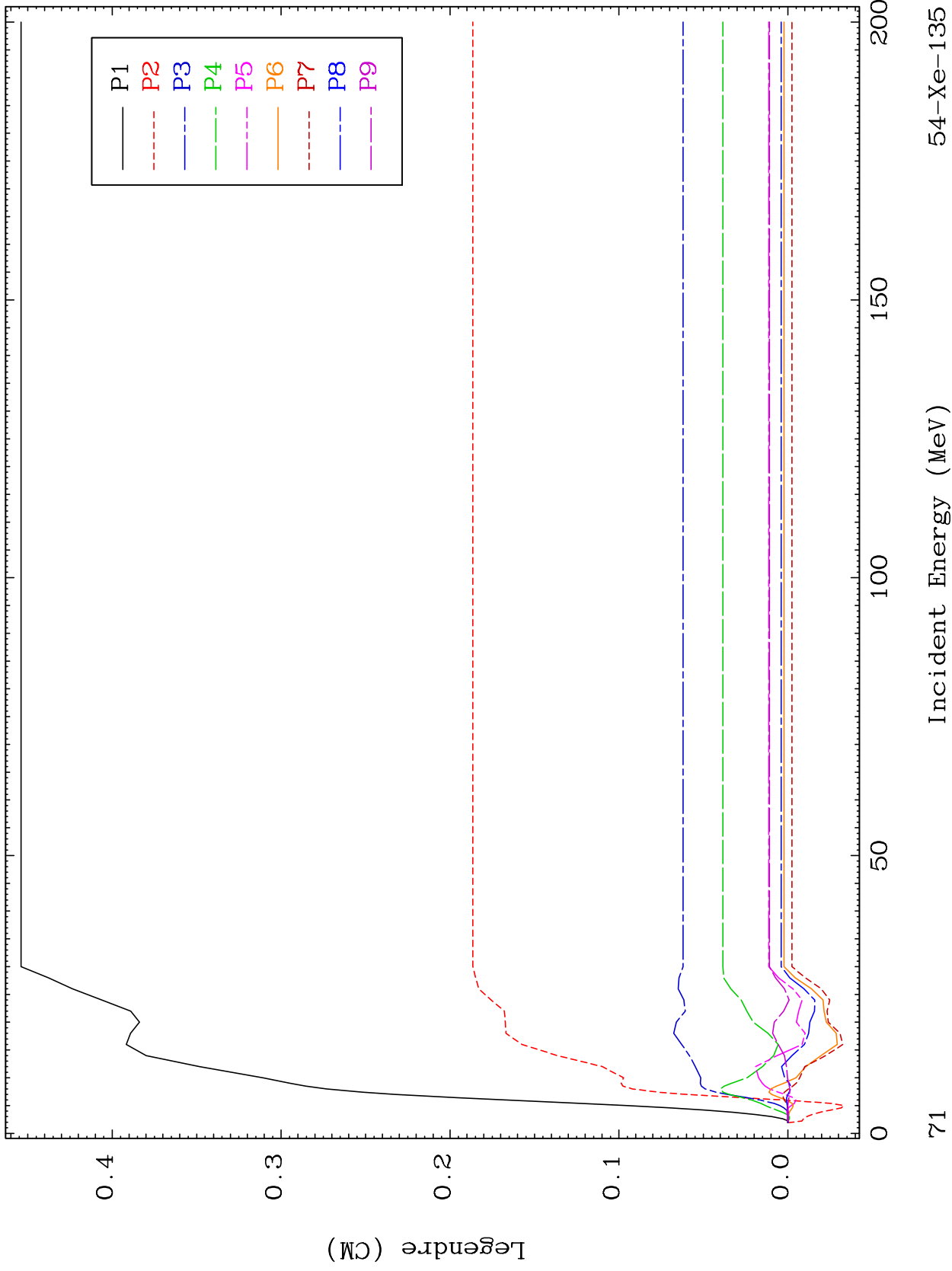
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

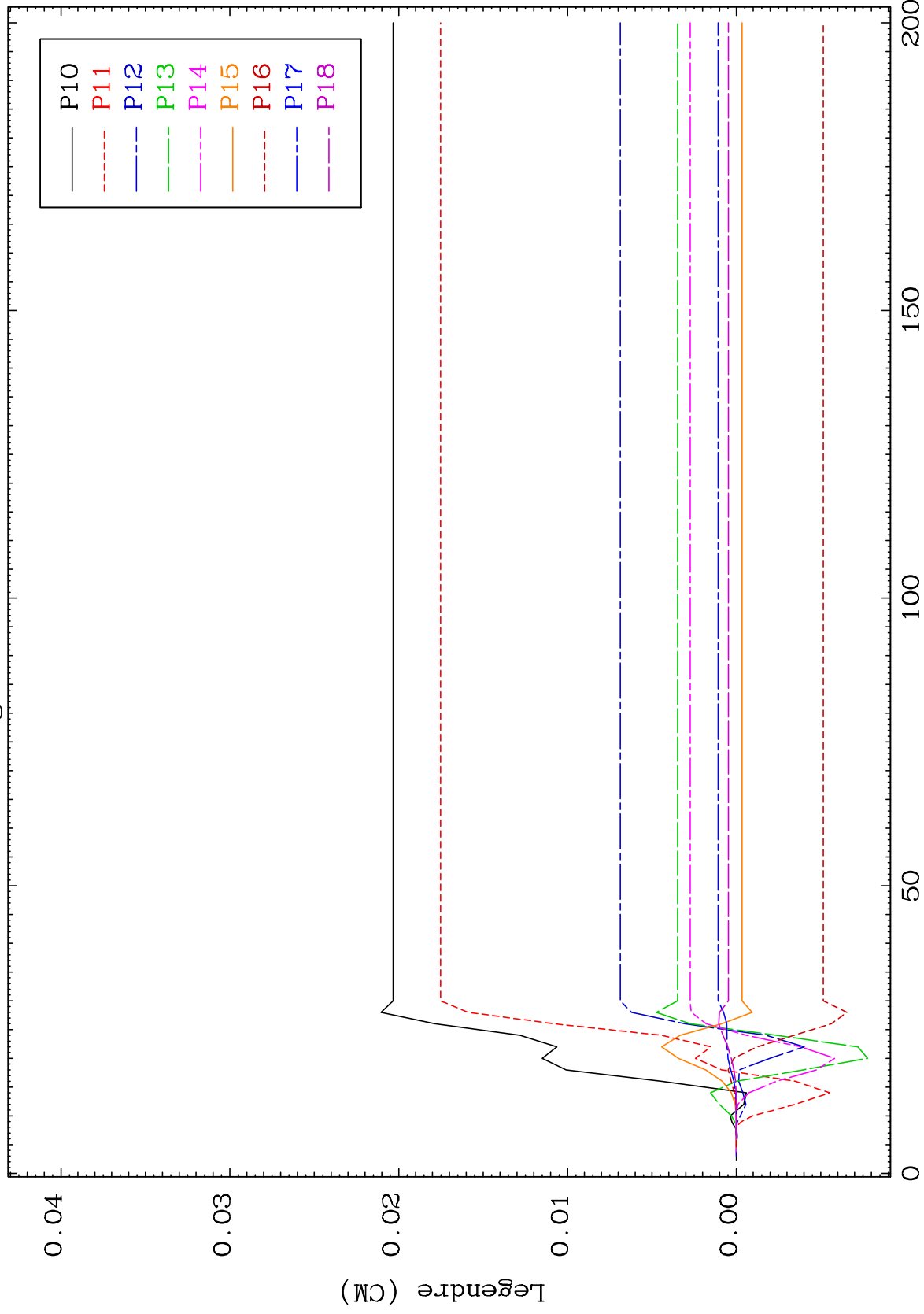
Incident Energy (MeV)

71

MAT 5458

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

54-Xe-135



72

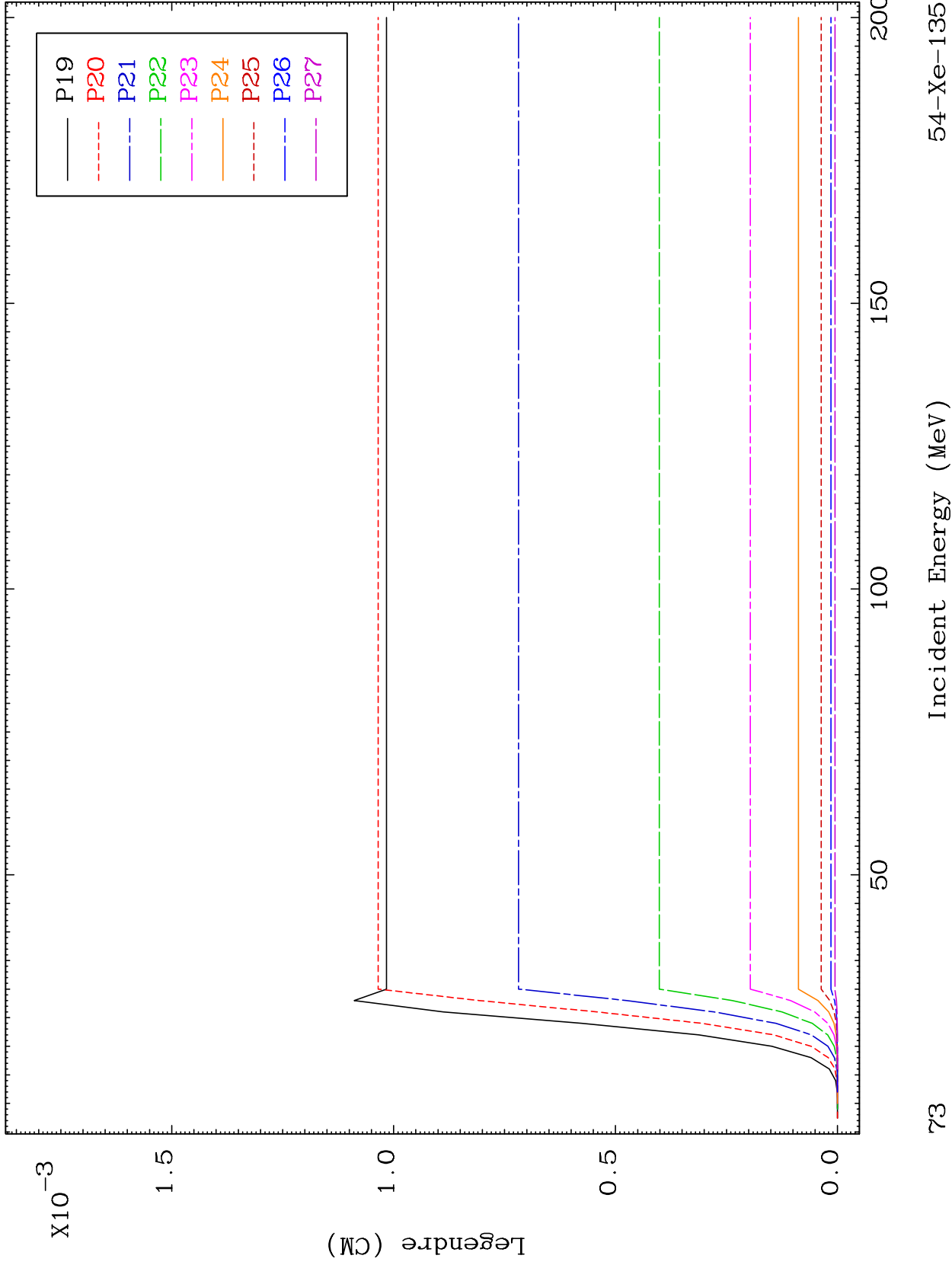
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

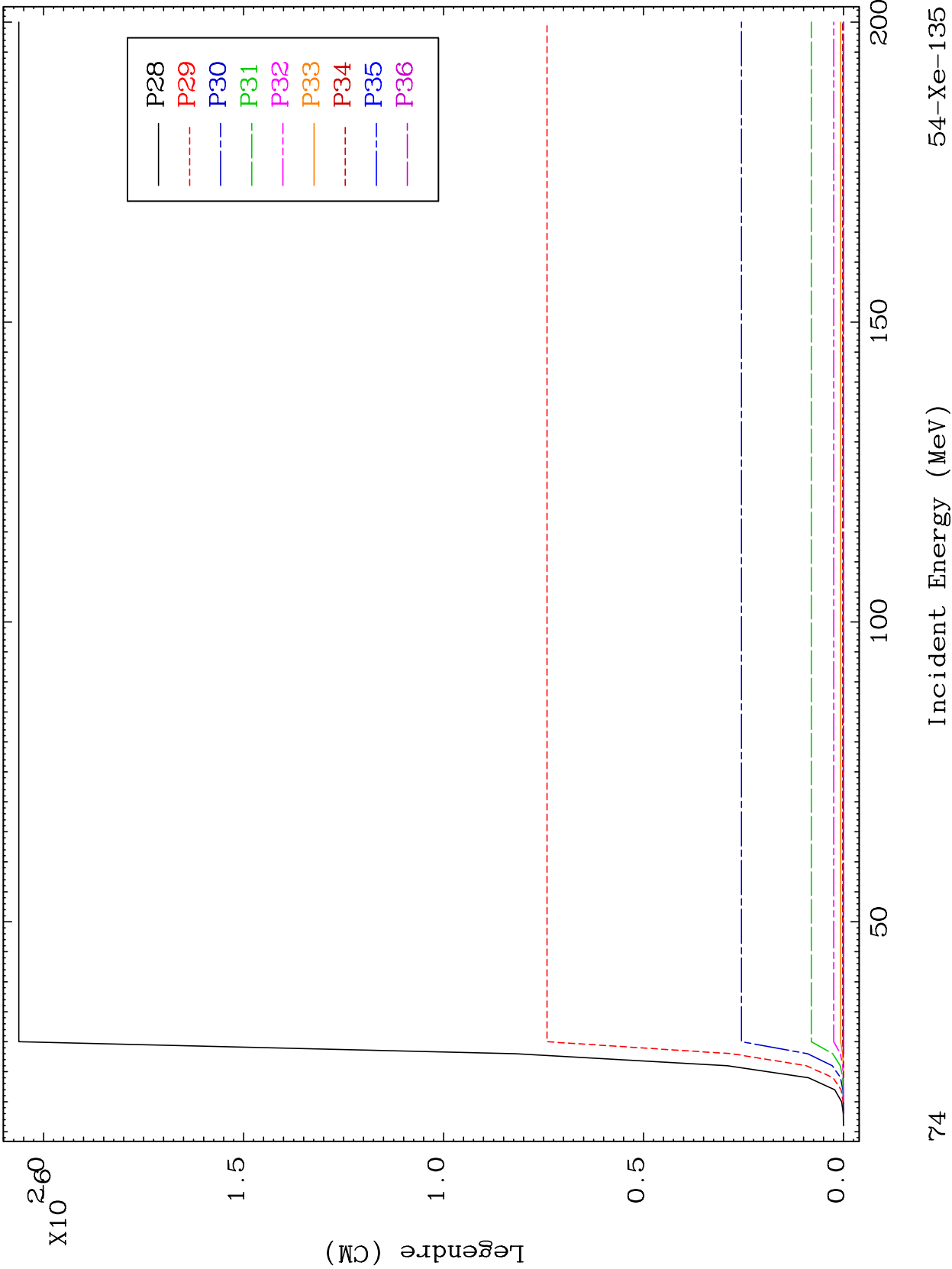
54-Xe-135



MAT 5458

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

54-Xe-135



74

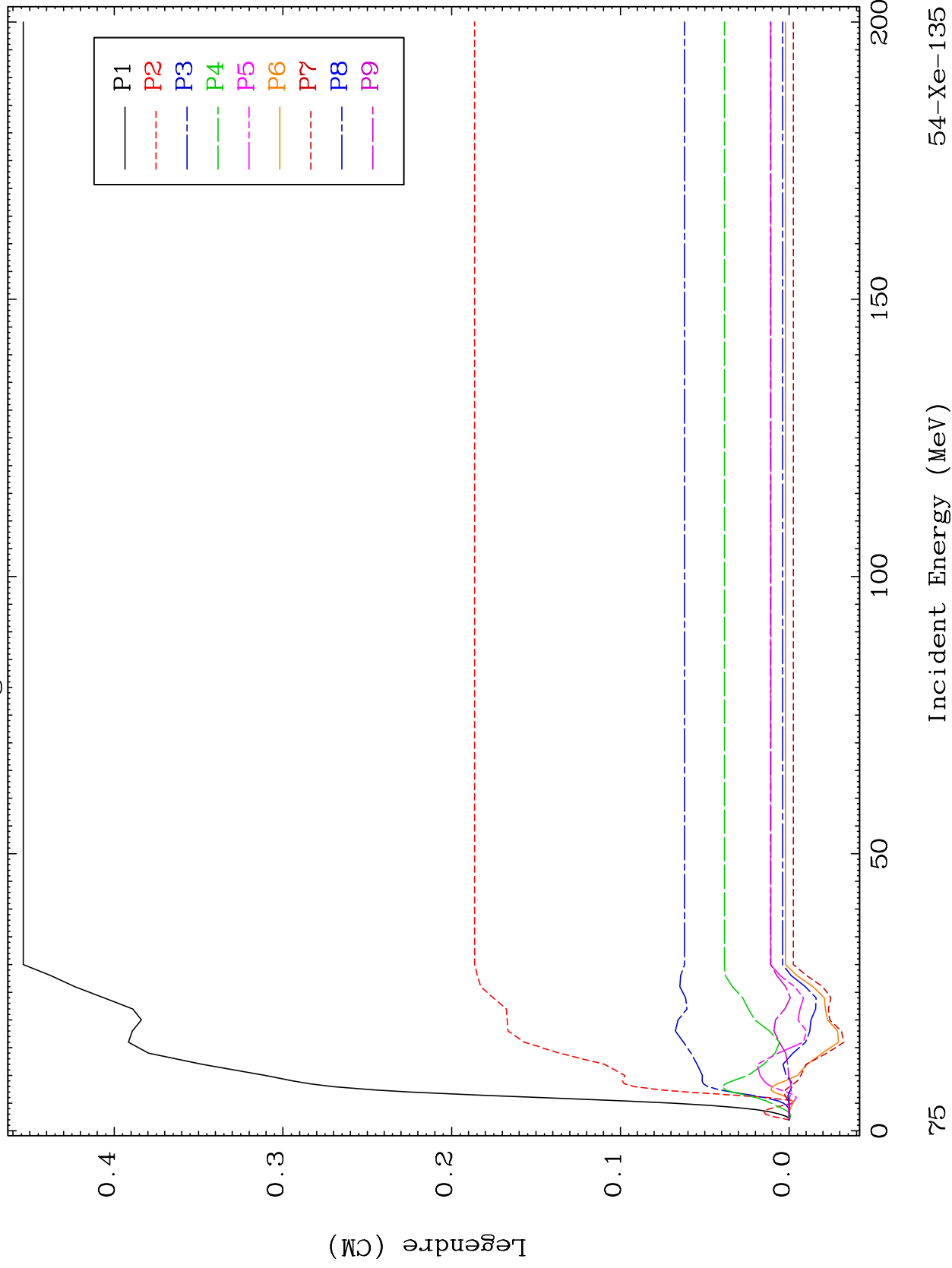
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

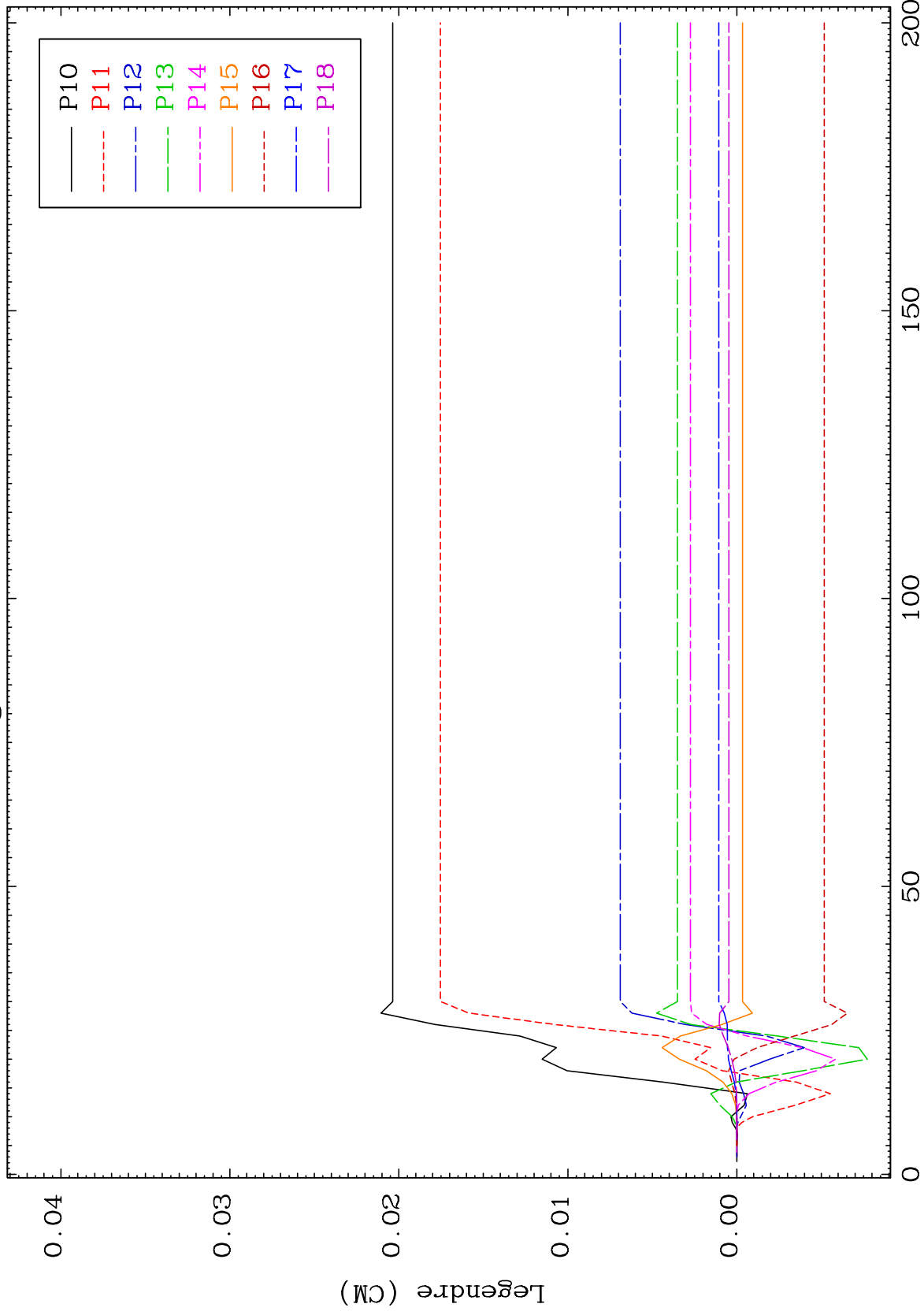
54-Xe-135



MAT 5458

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

54-Xe-135



76

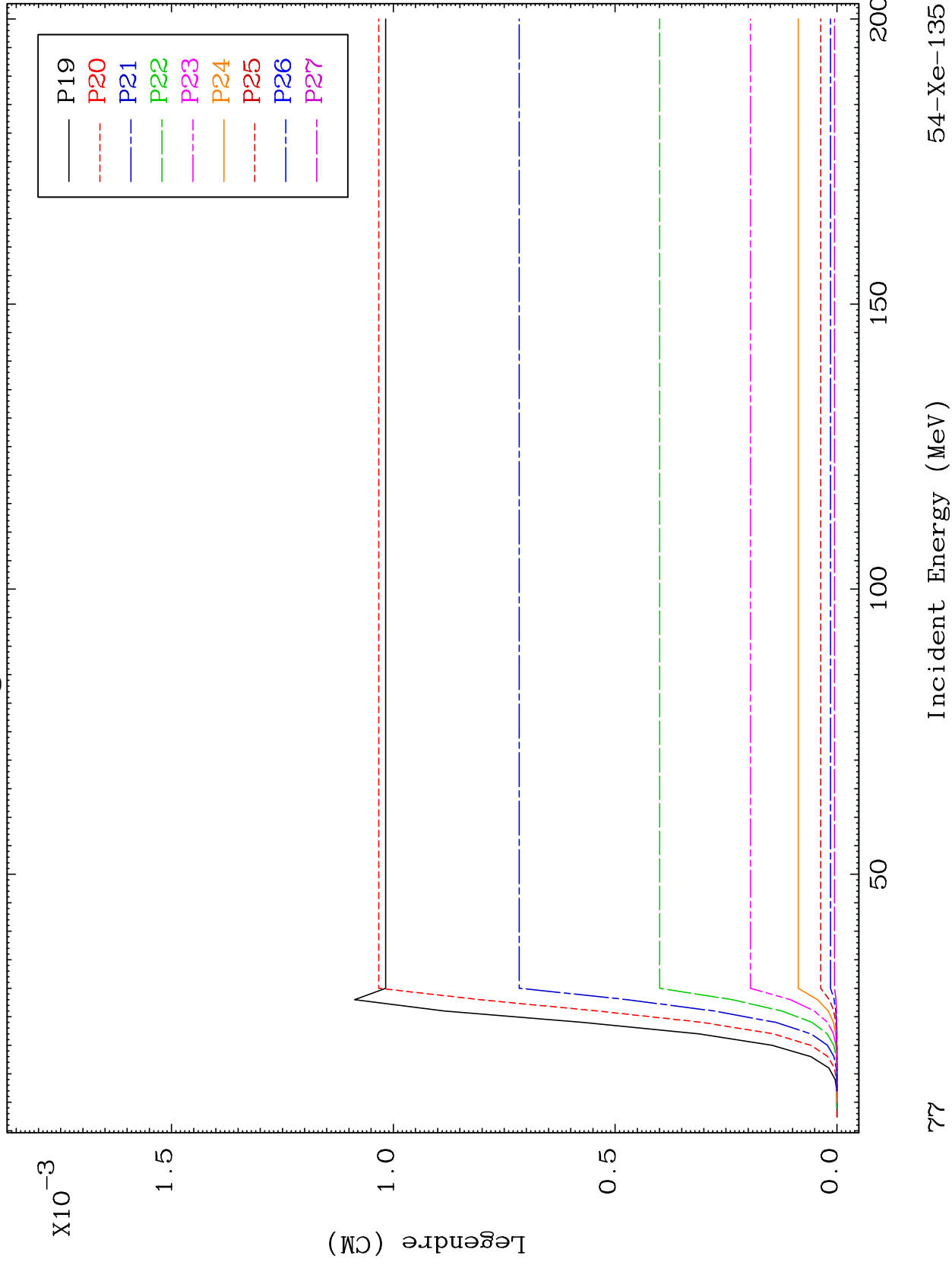
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

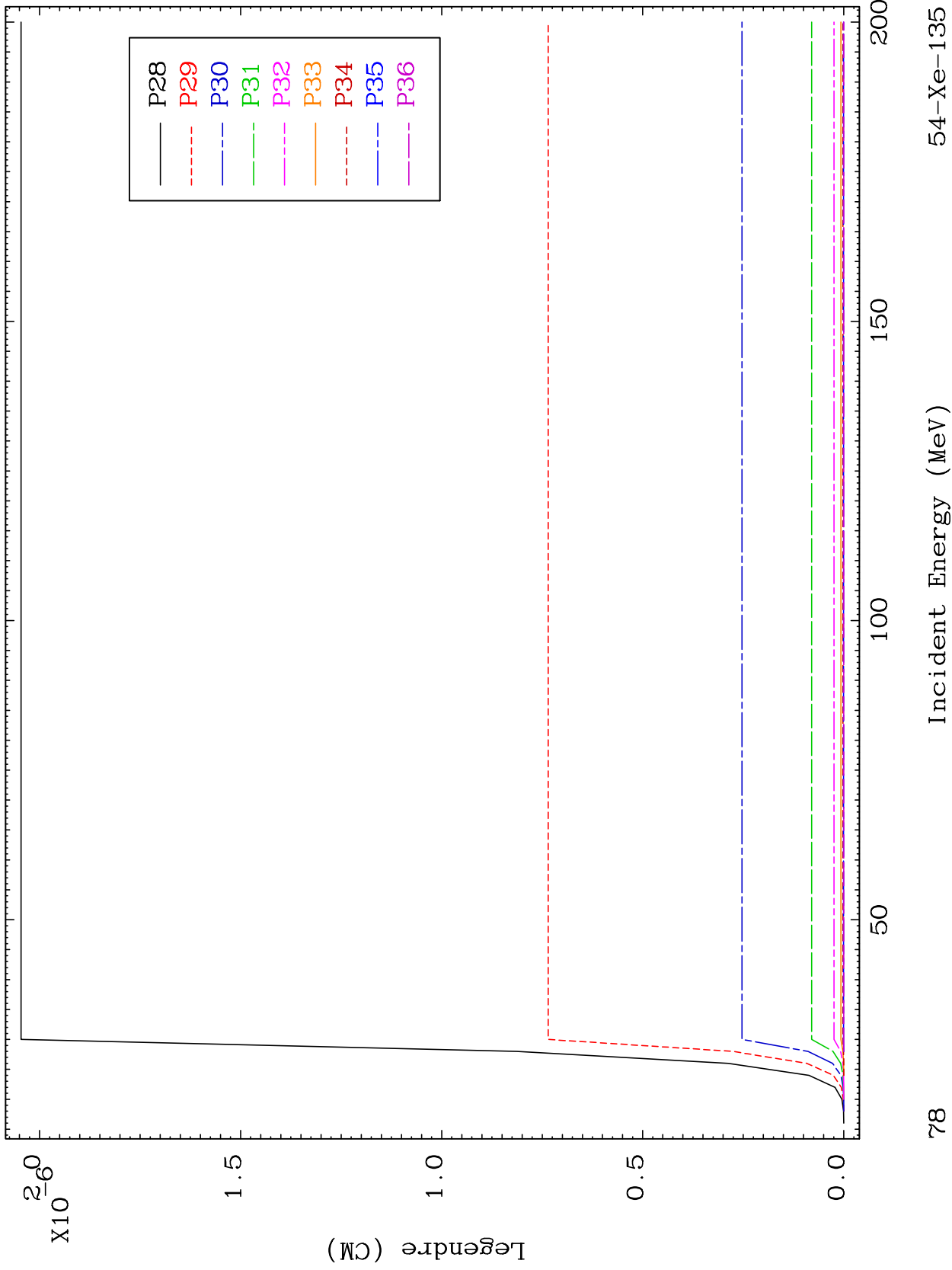
54-Xe-135



MAT 5458

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

54-Xe-135



78

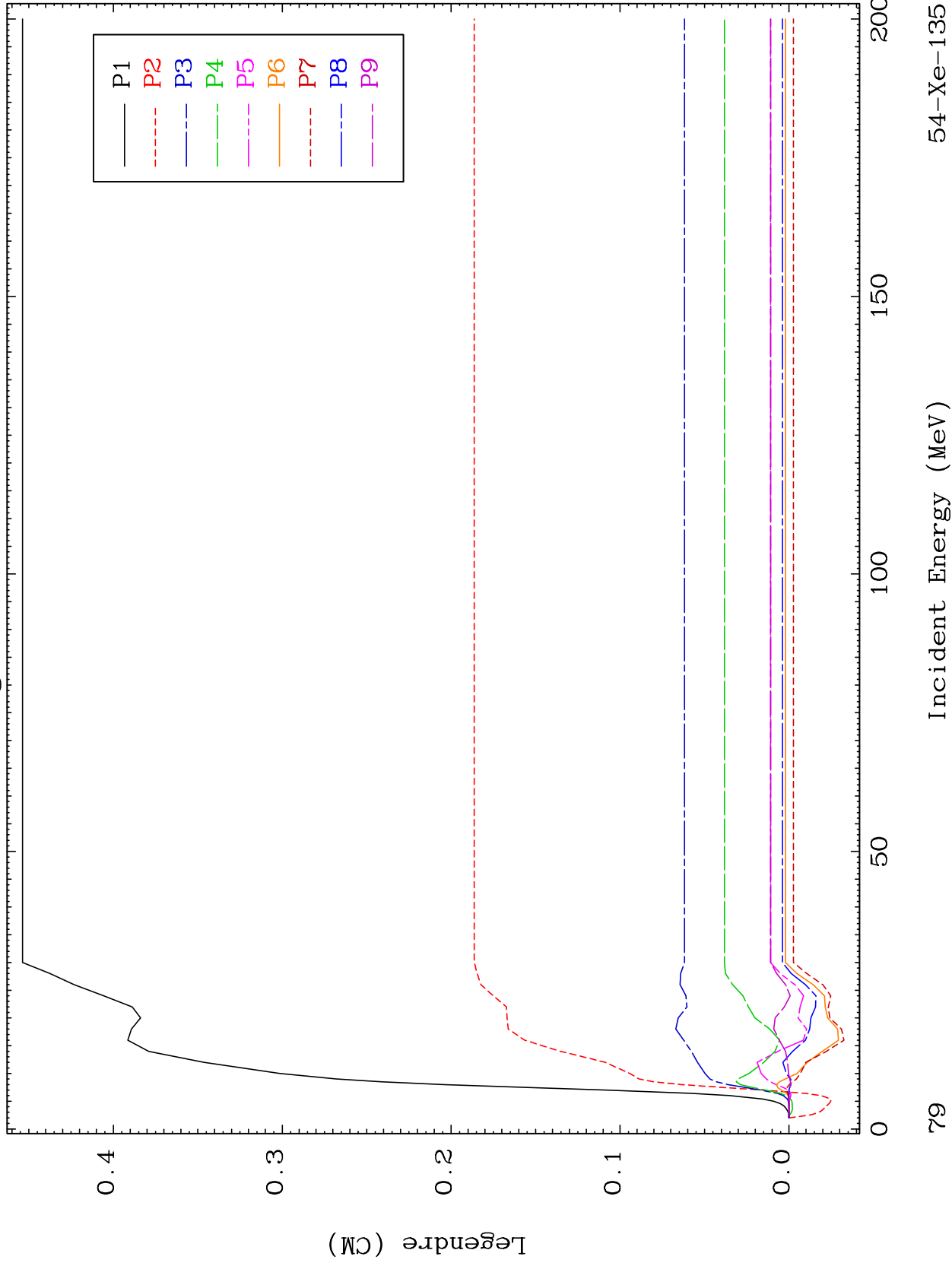
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



54-Xe-135

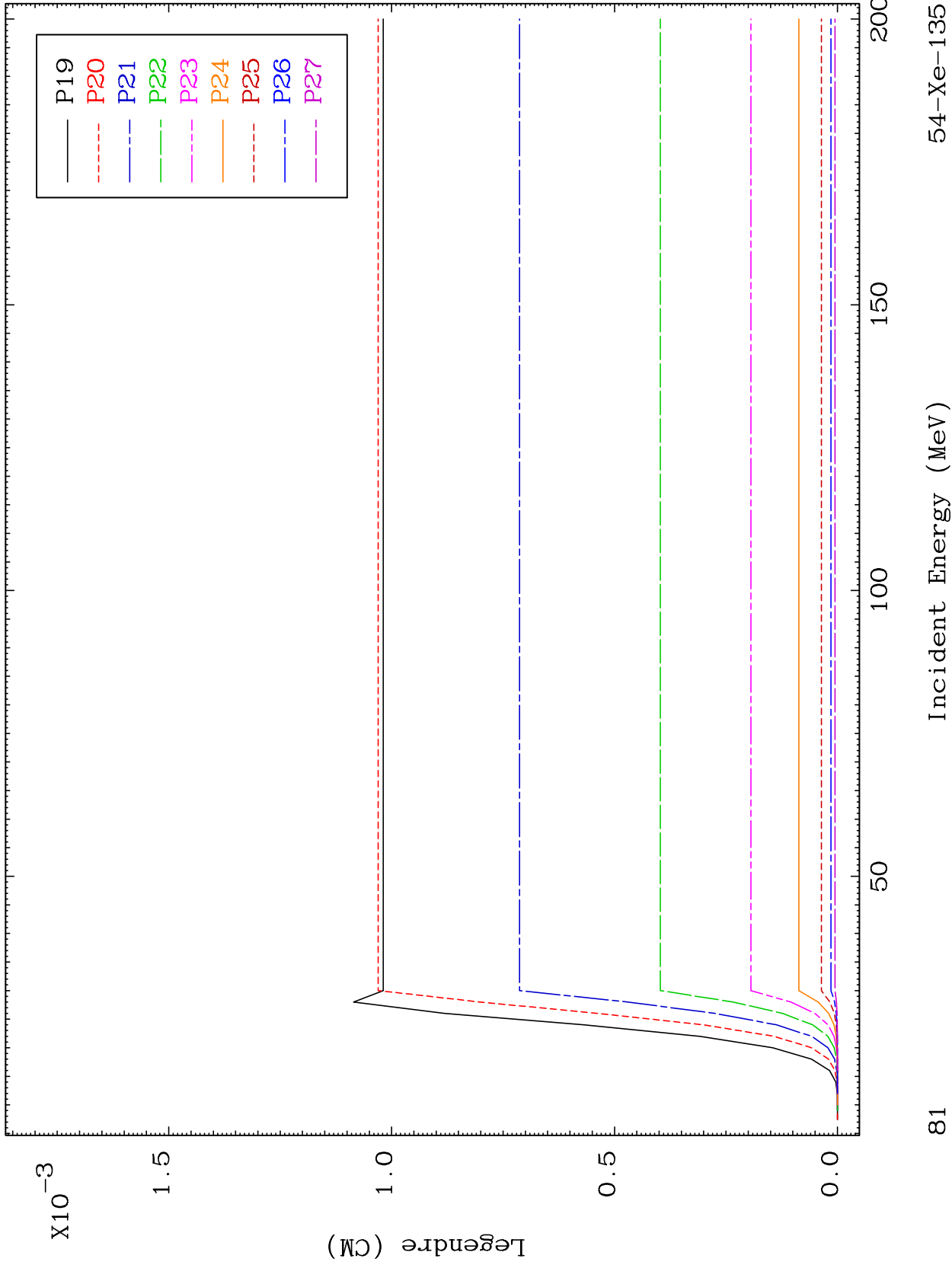
Incident Energy (MeV)

79

MAT 5458

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

54-Xe-135



81

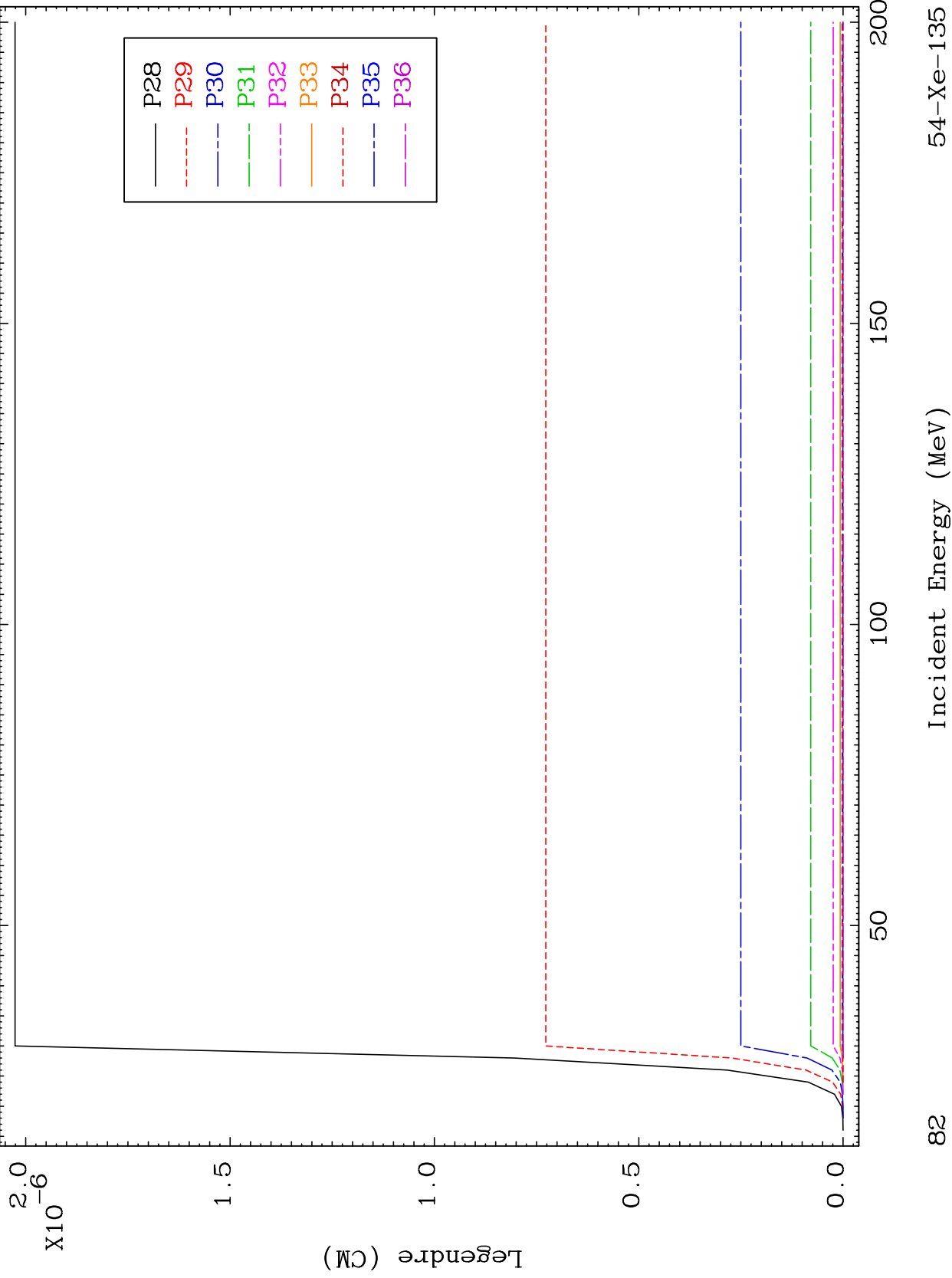
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

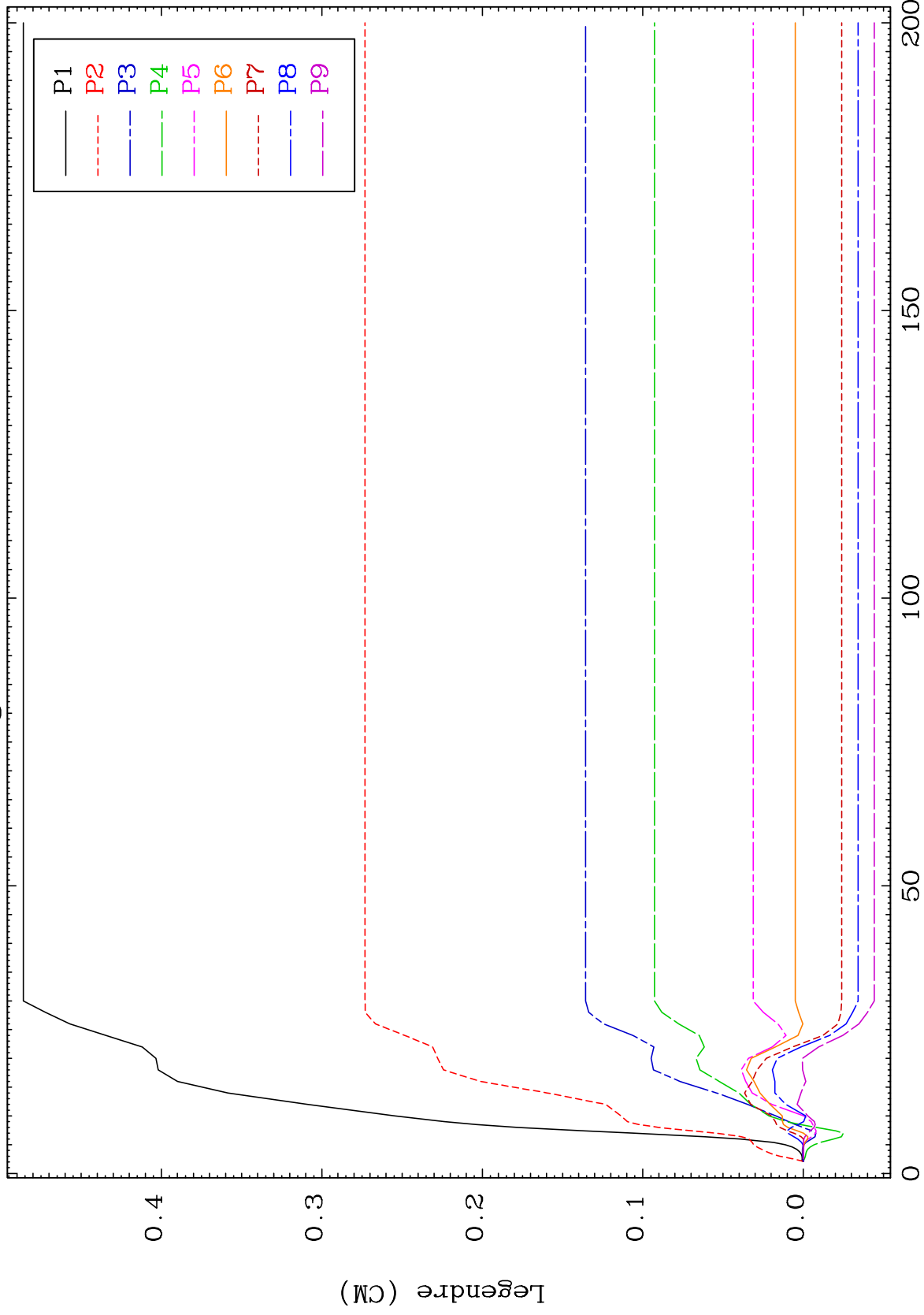
54-Xe-135



MAT 5458

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

54-Xe-135



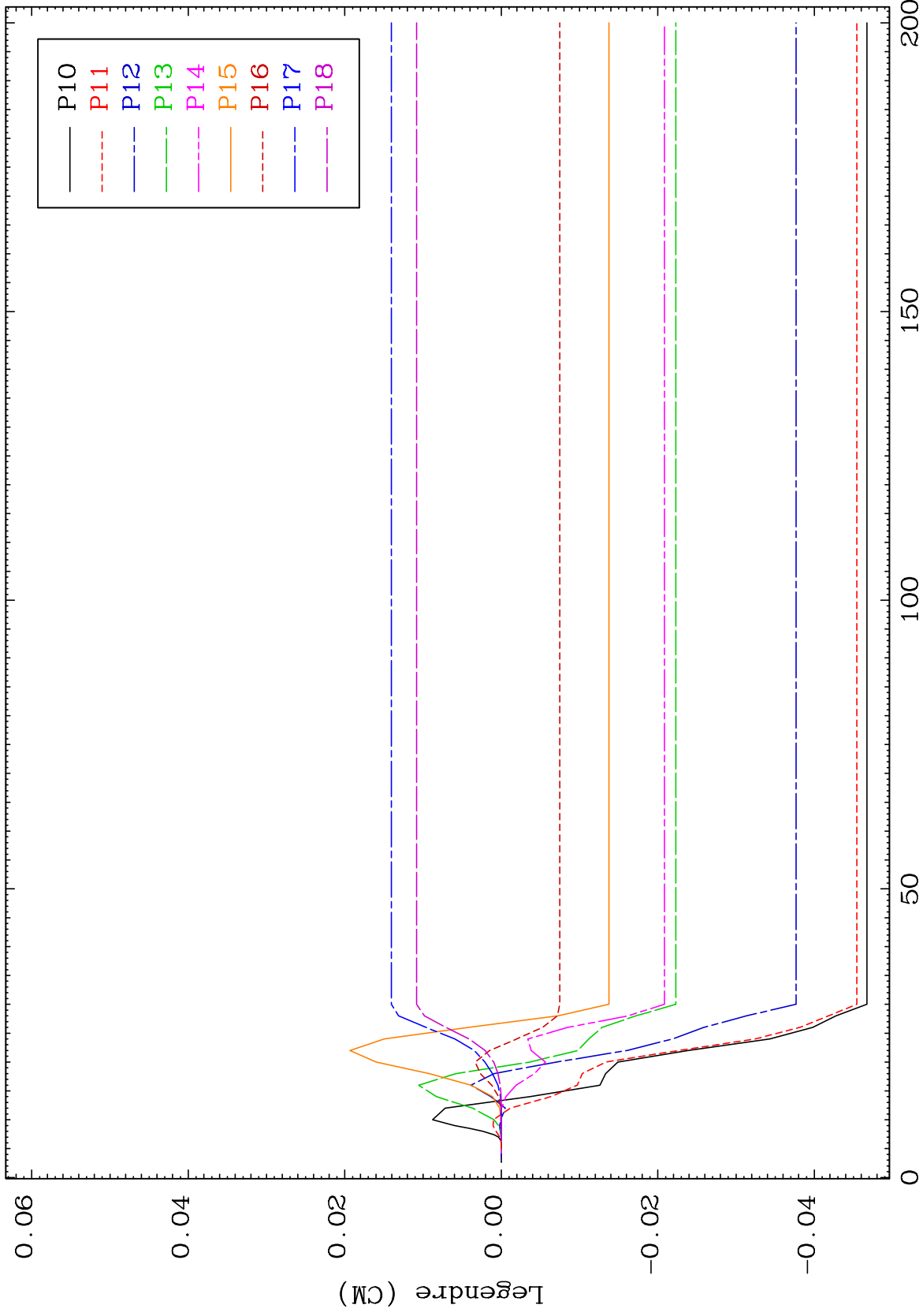
83

54-Xe-135

MAT 5458

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

54-Xe-135



84

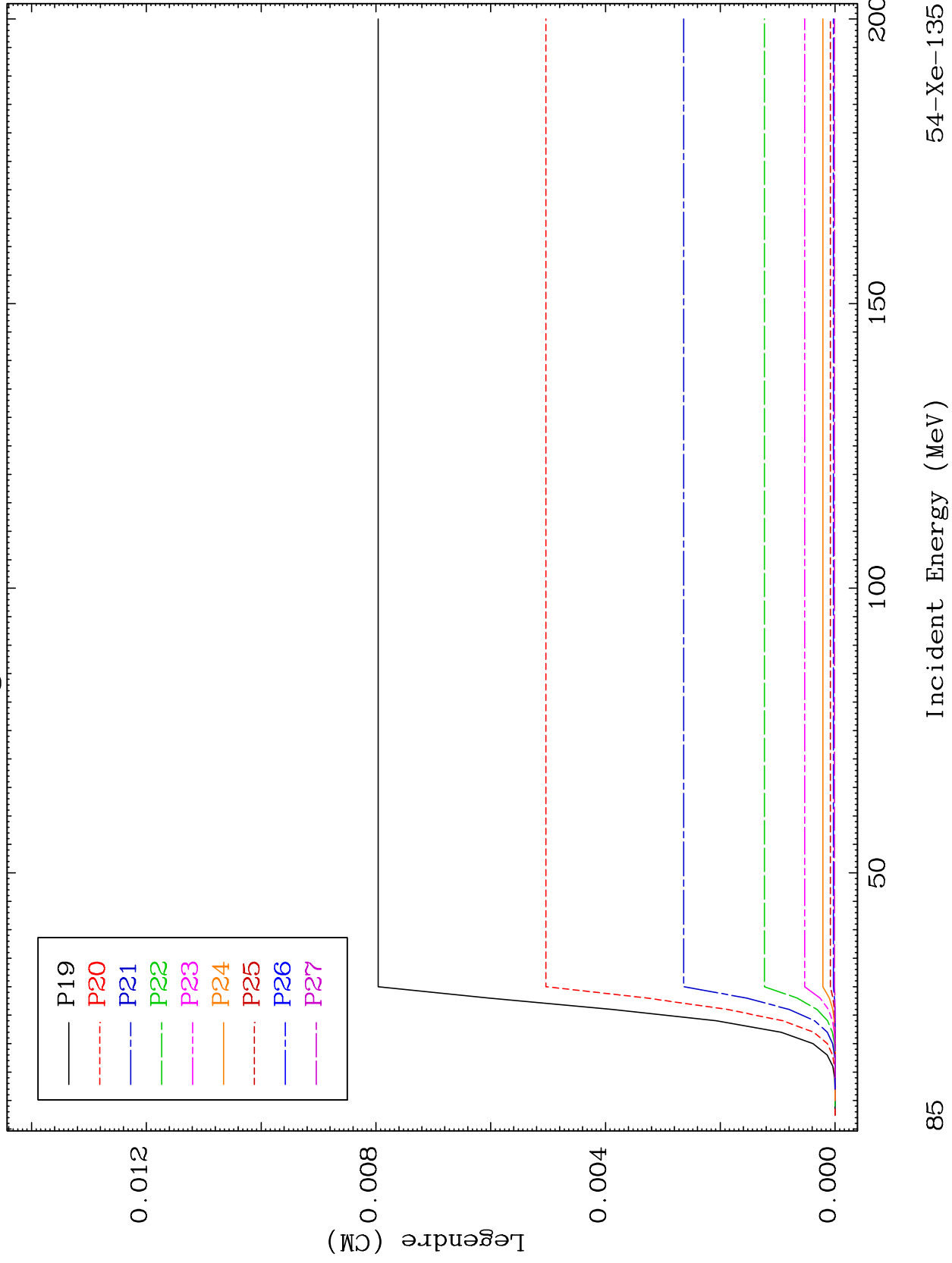
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

54-Xe-135



85

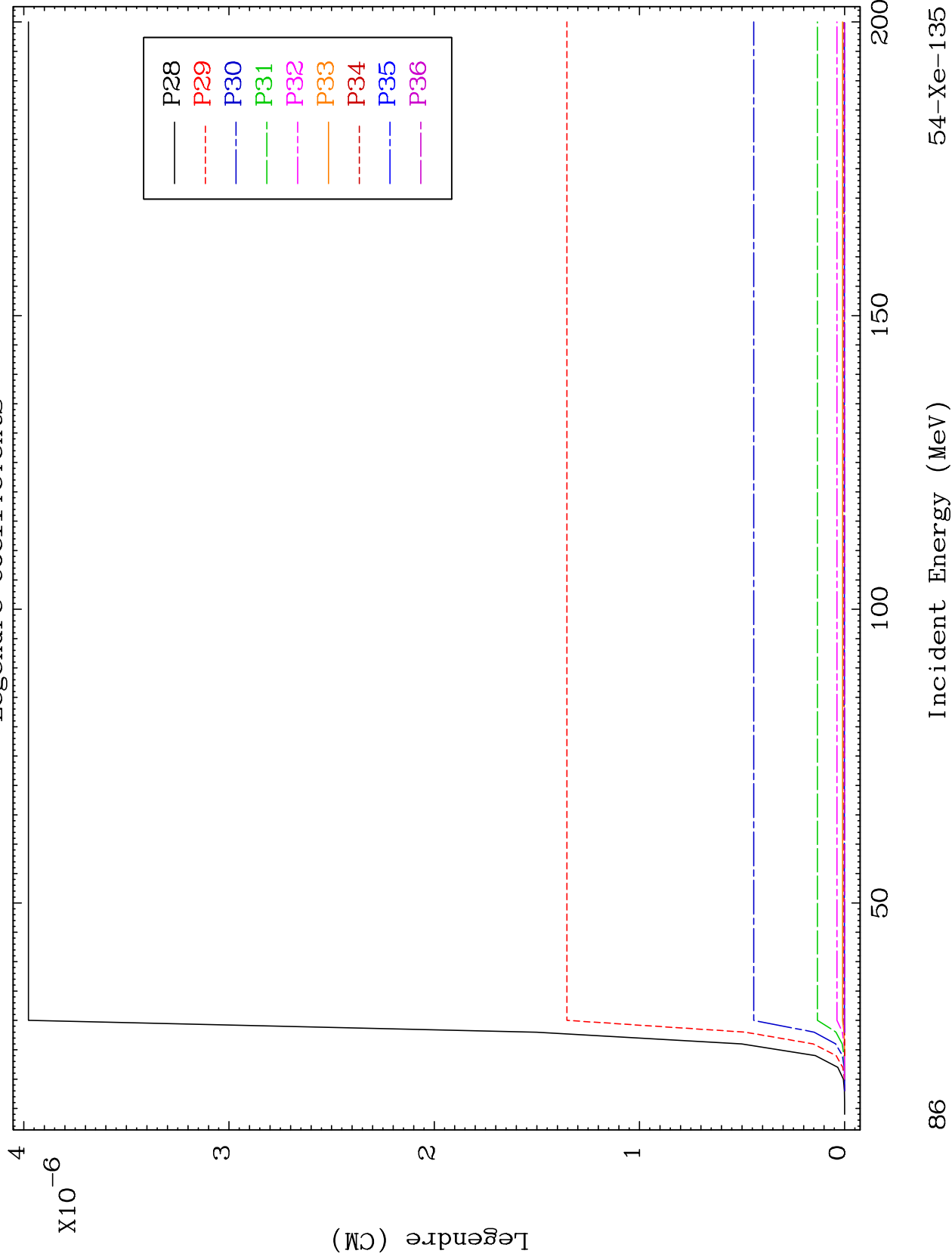
Incident Energy (MeV)

54-Xe-135

MAT 5458

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

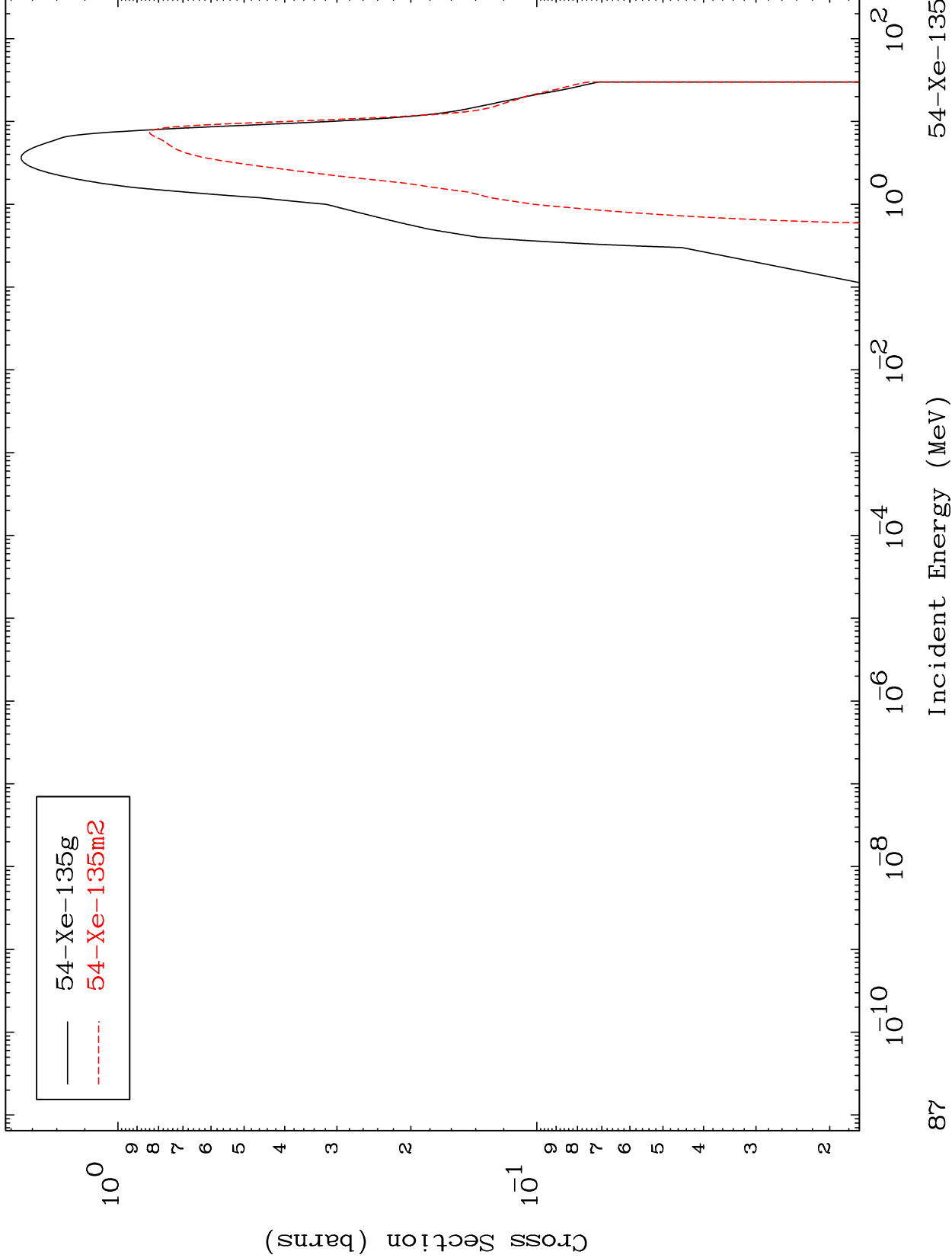
54-Xe-135



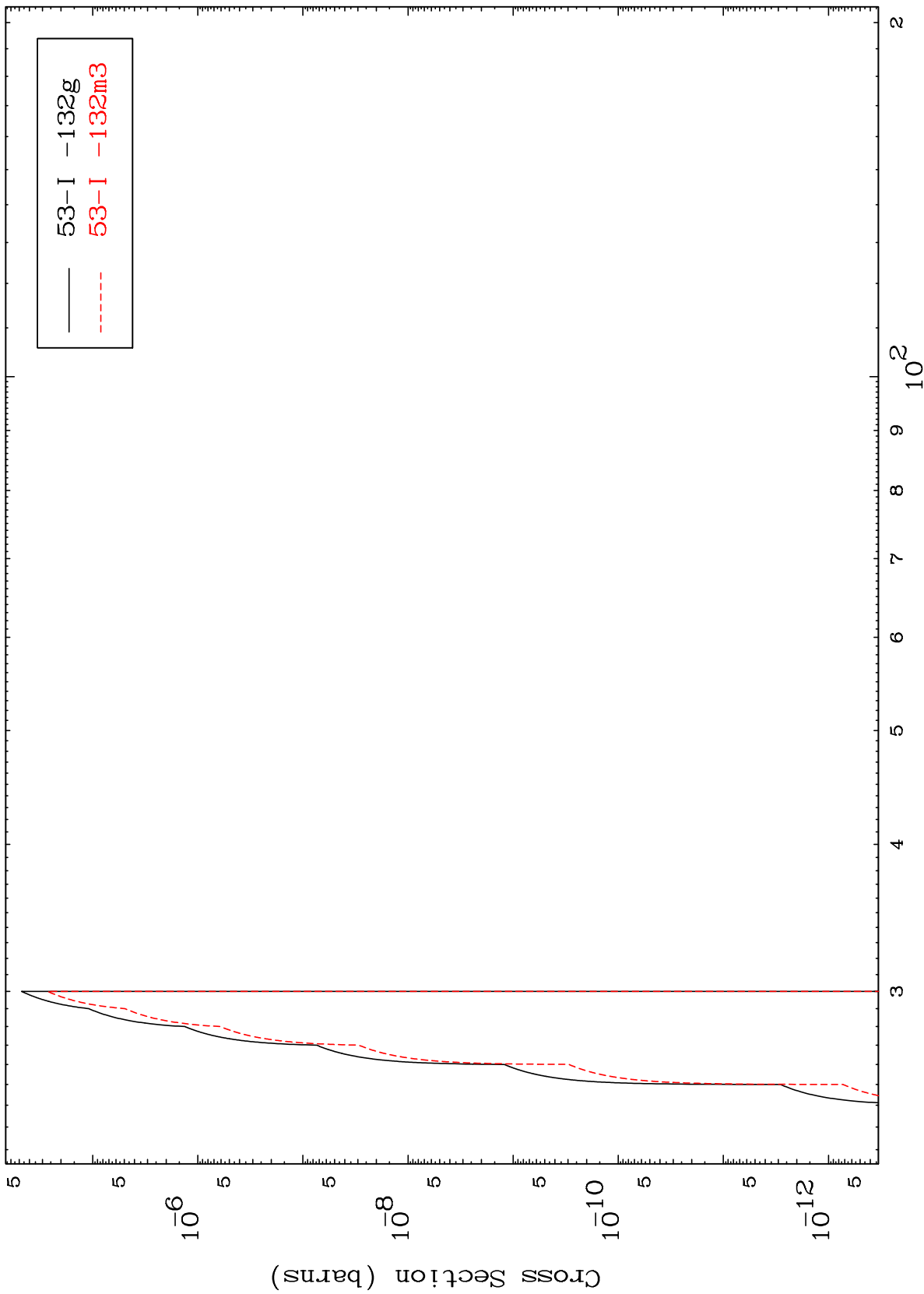
MAT 5458

Radionuclide Production Cross Section

54-Xe-135



Radionuclide Production Cross Section

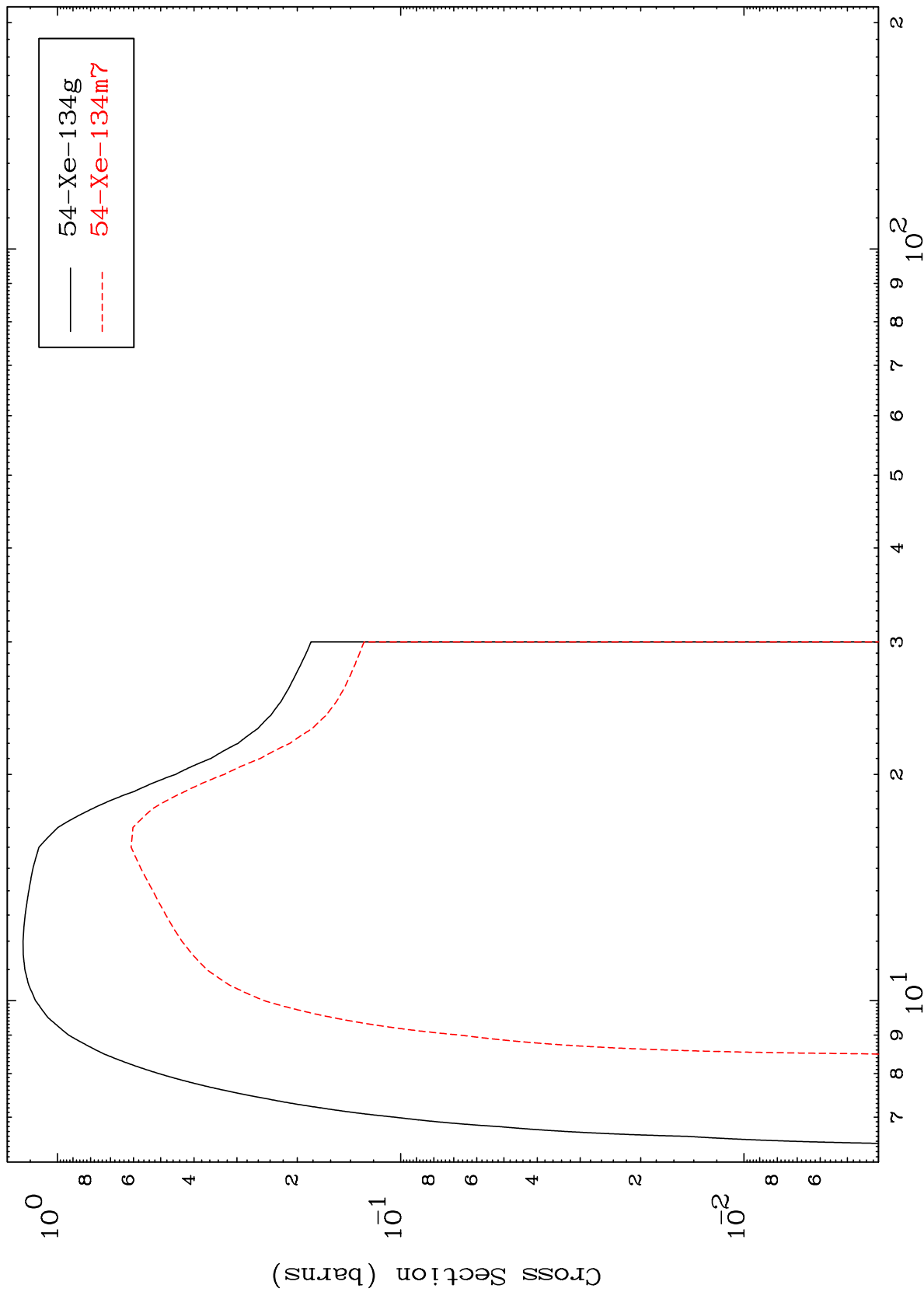


MAT 5458

54-Xe-135

(n,2n)

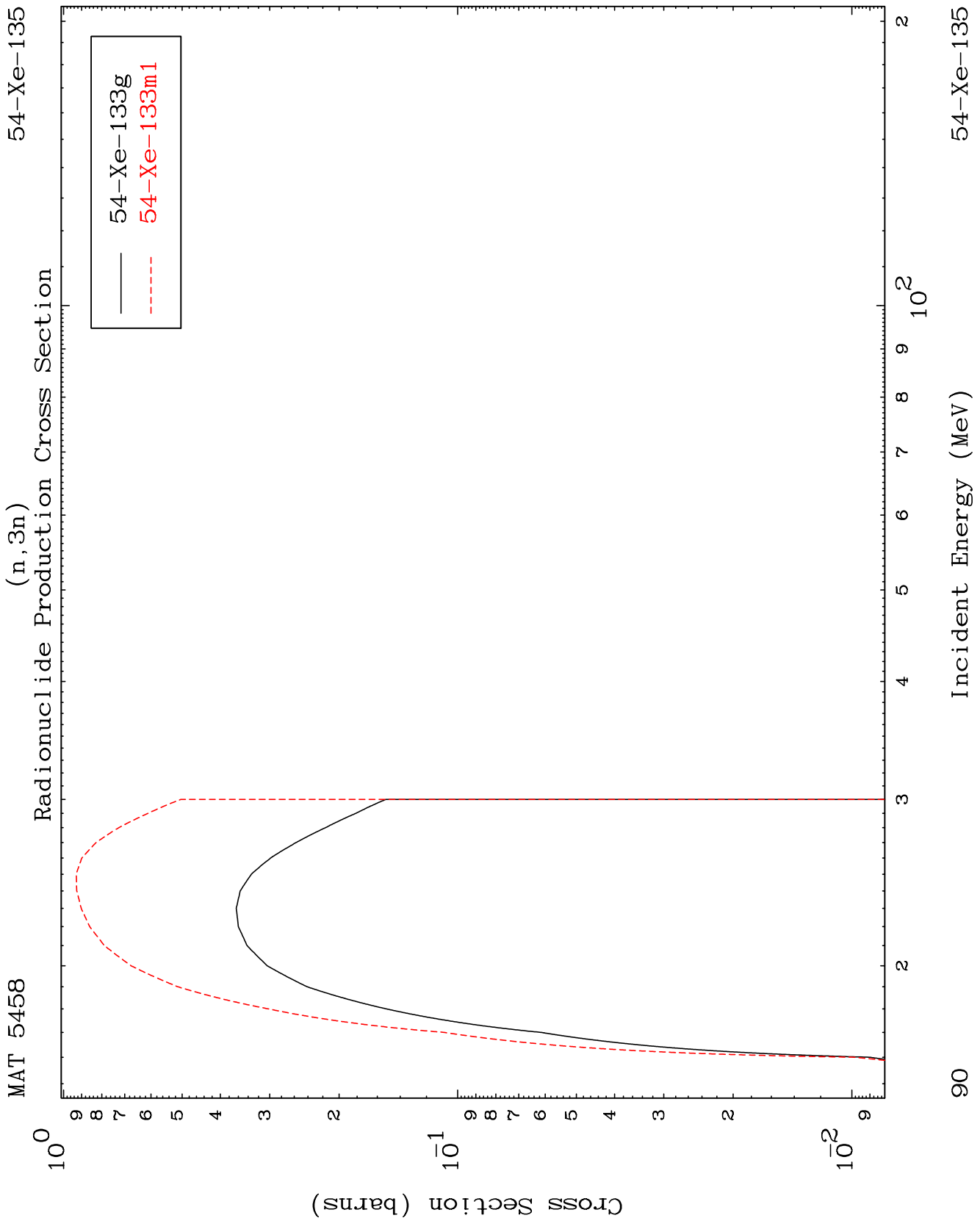
Radionuclide Production Cross Section



89

Incident Energy (MeV)

54-Xe-135

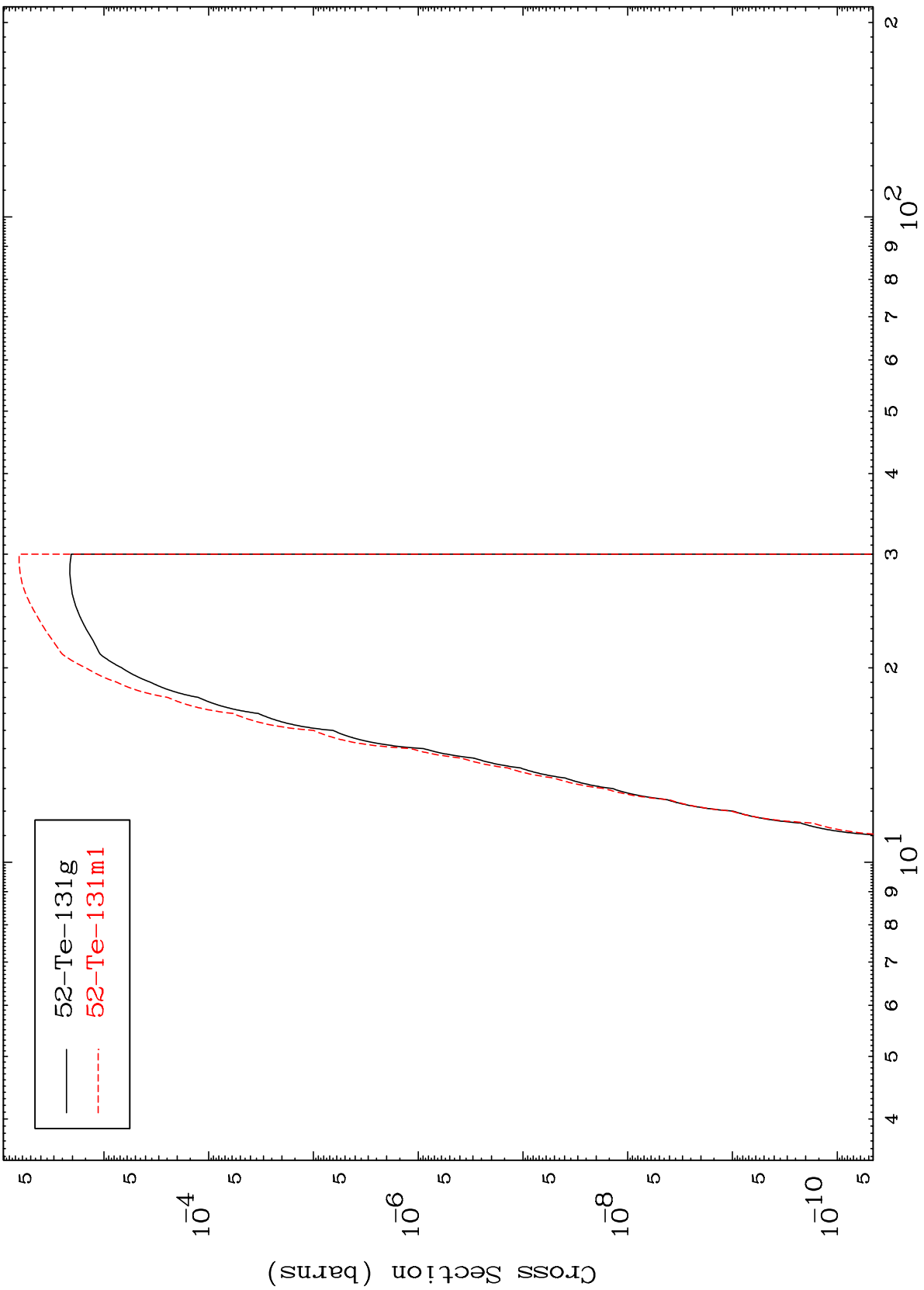


MAT 5458

54-Xe-135

(n,n') α

Radionuclide Production Cross Section



91

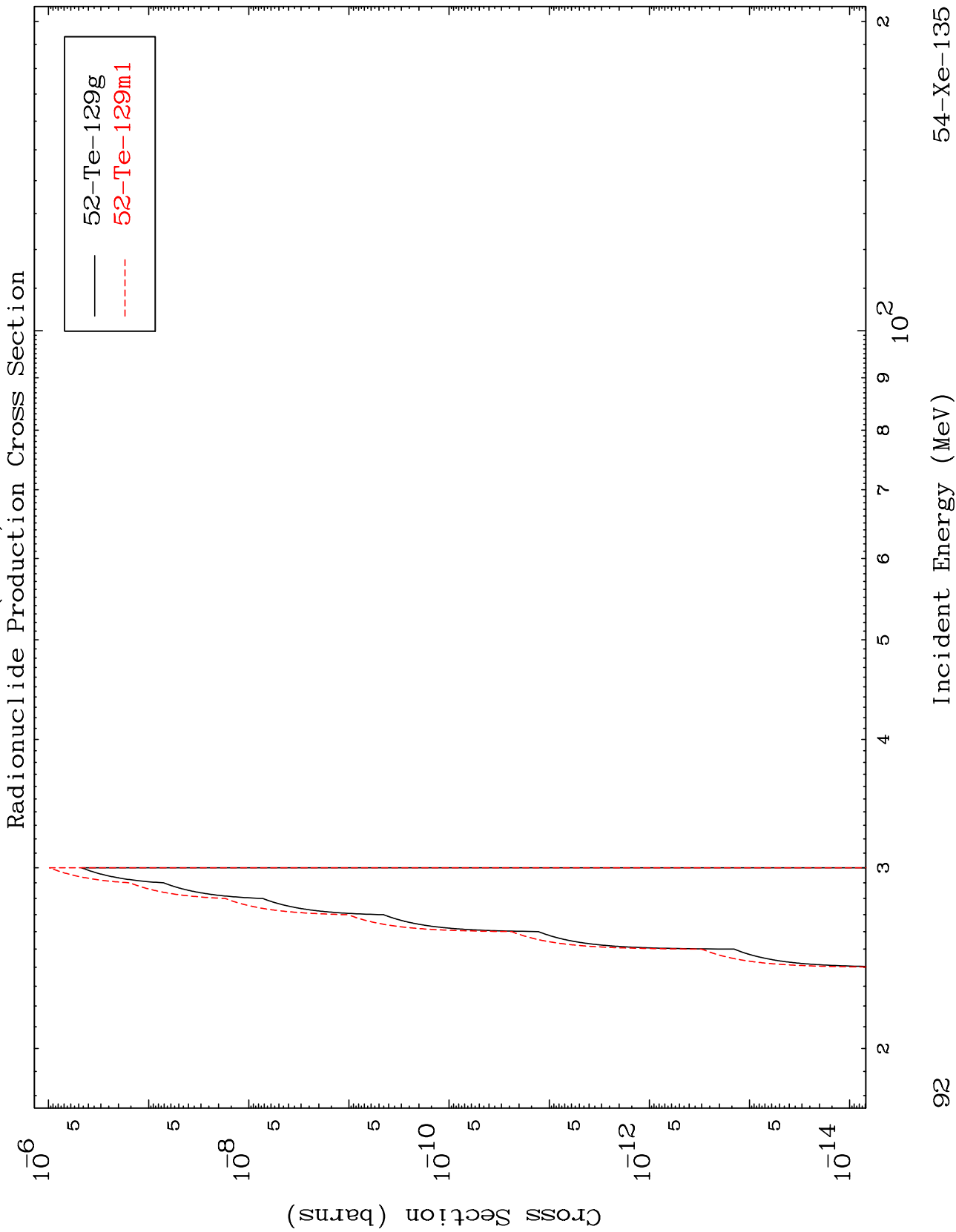
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,3n) α

54-Xe-135



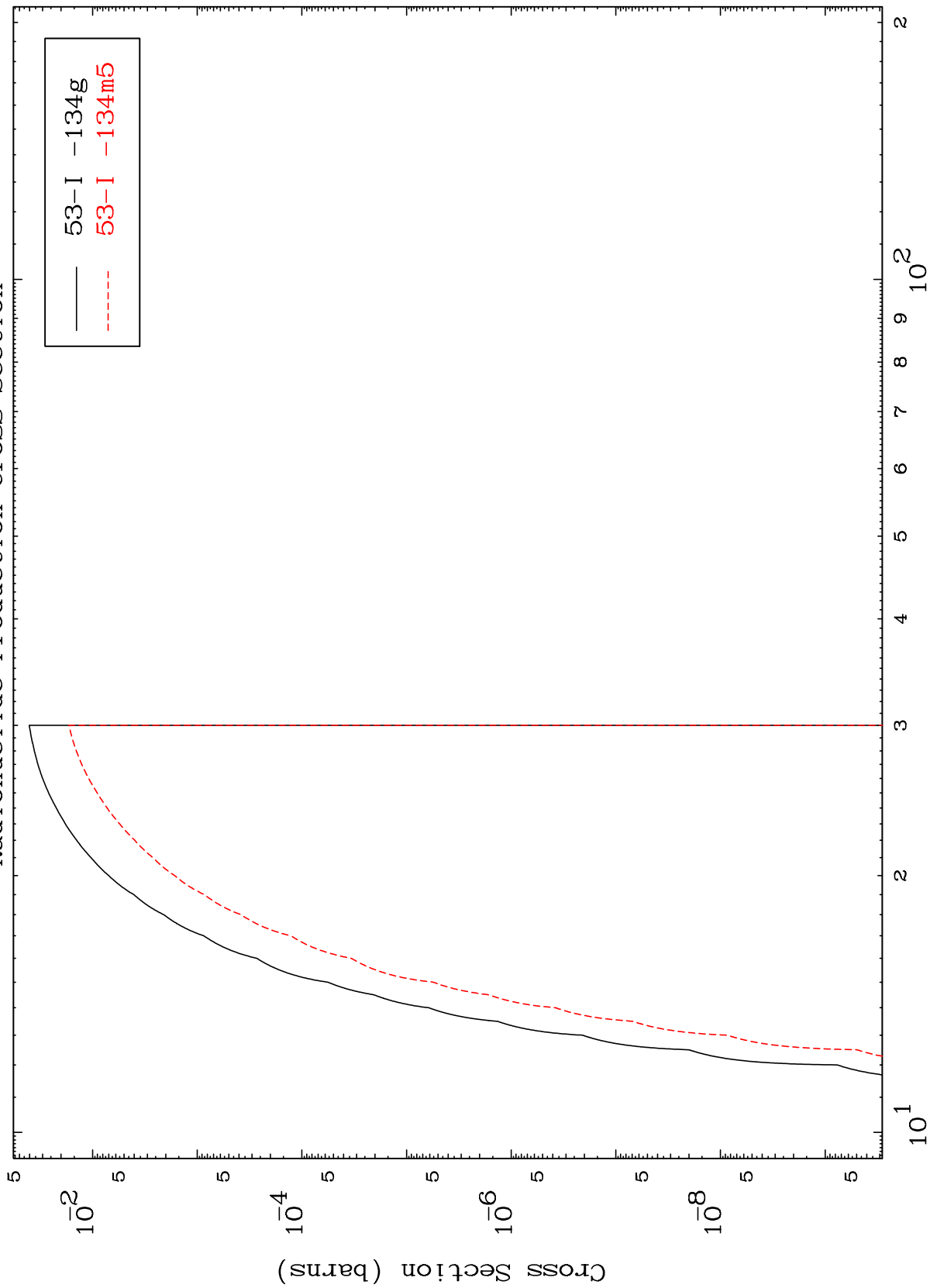
92

MAT 5458

(n,n') p

54-Xe-135

Radionuclide Production Cross Section



93

Incident Energy (MeV)

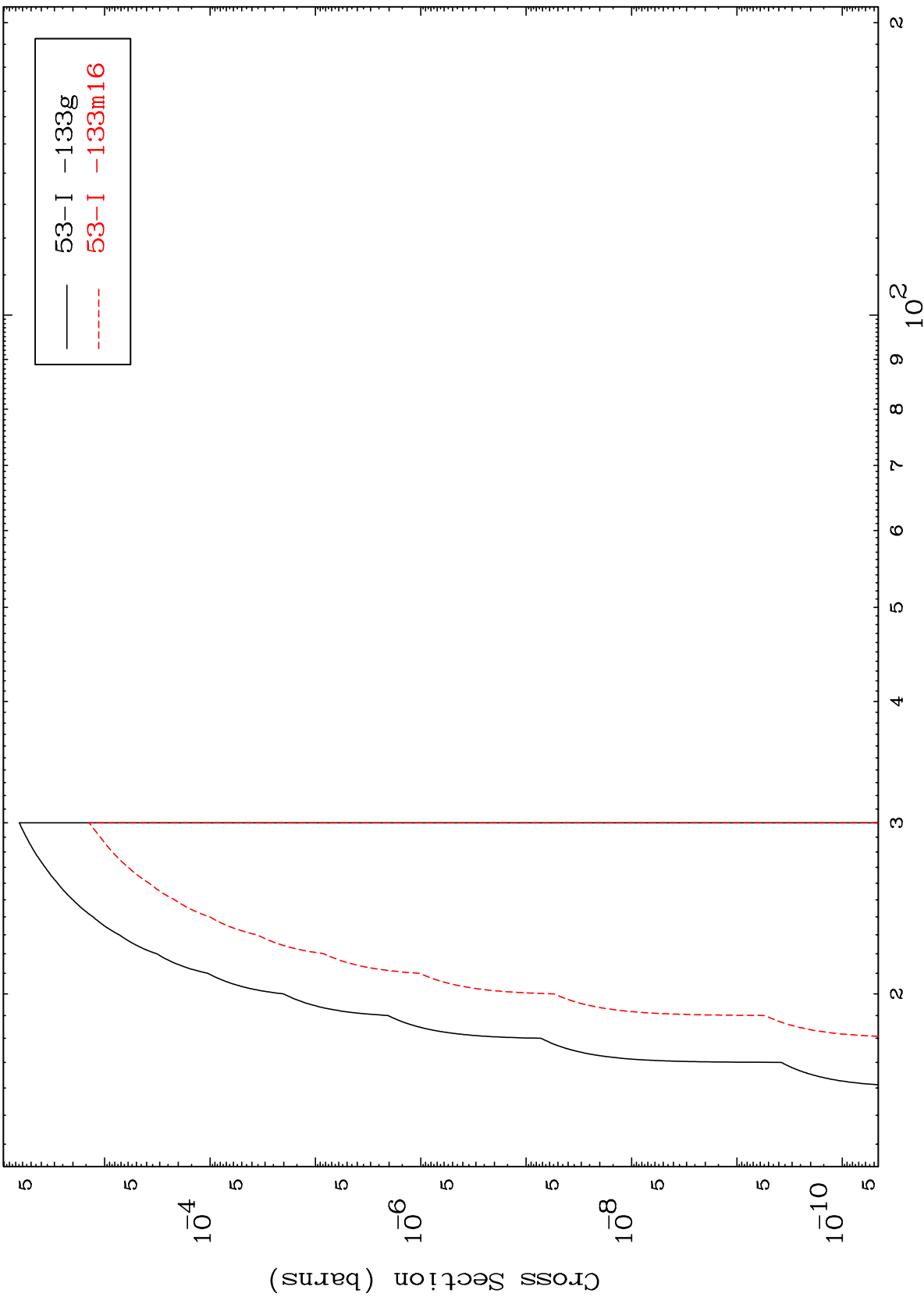
54-Xe-135

MAT 5458

(n,n') d

54-Xe-135

Radionuclide Production Cross Section



94

Incident Energy (MeV)

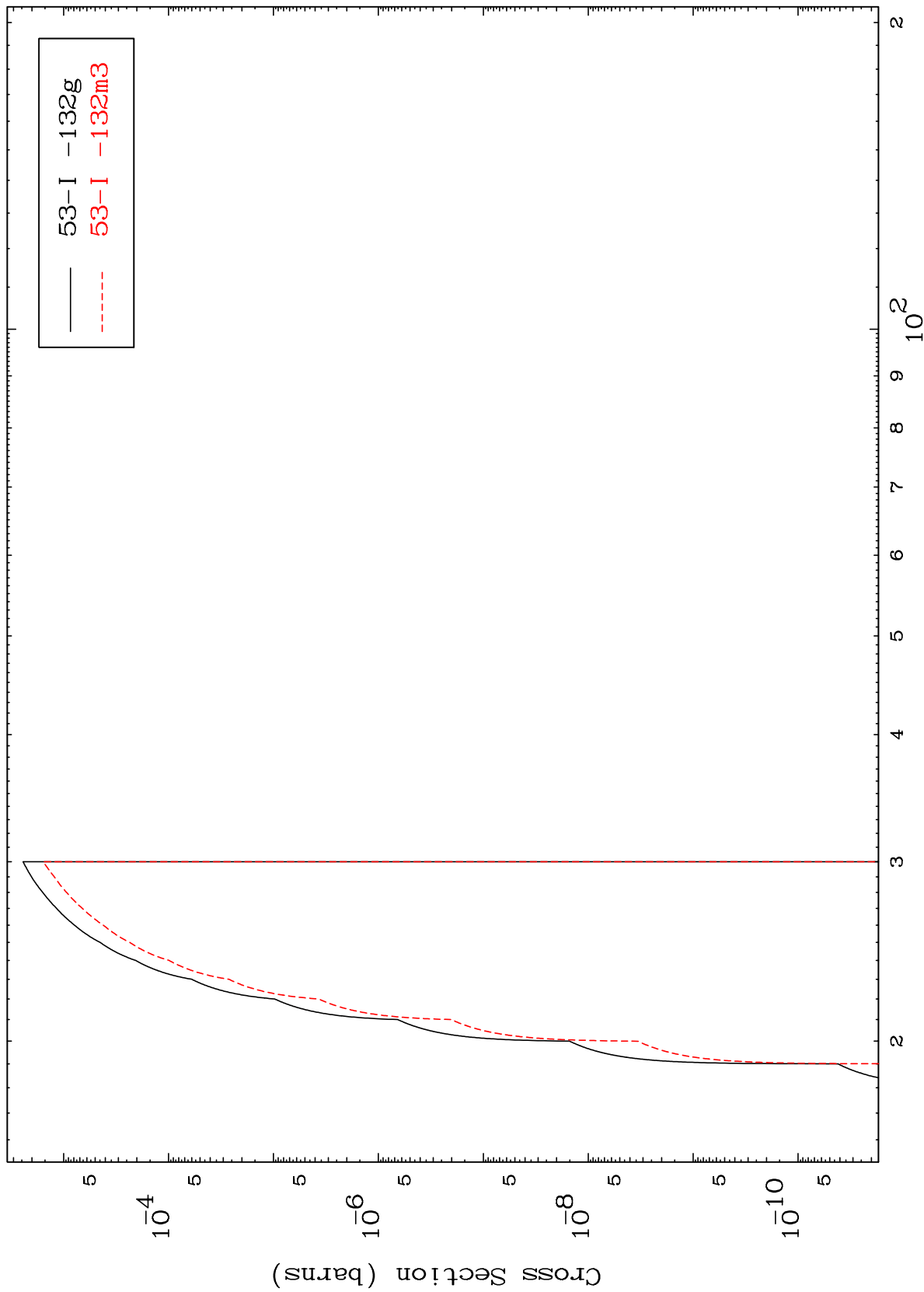
54-Xe-135

MAT 5458

(n,n') t

54-Xe-135

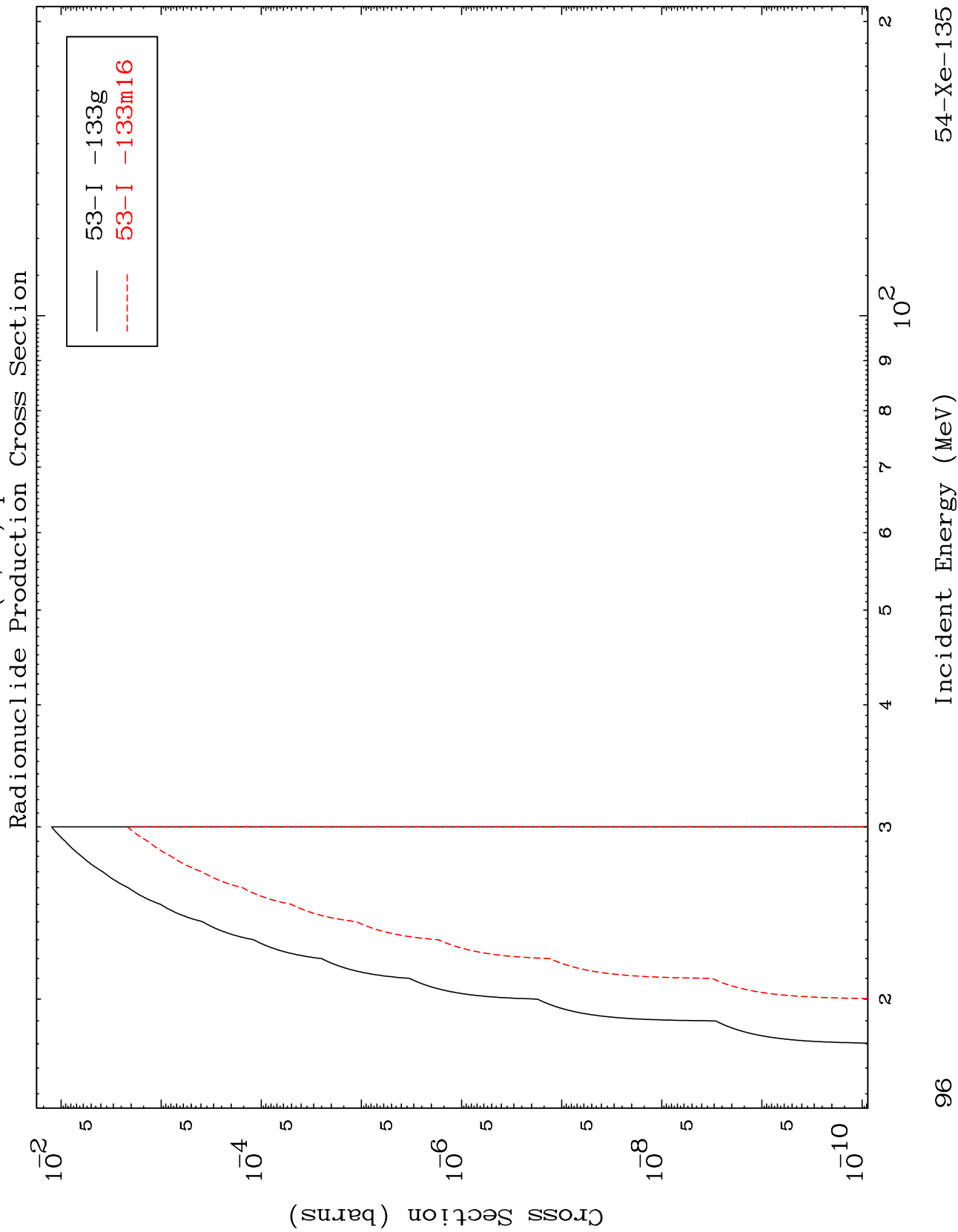
Radionuclide Production Cross Section



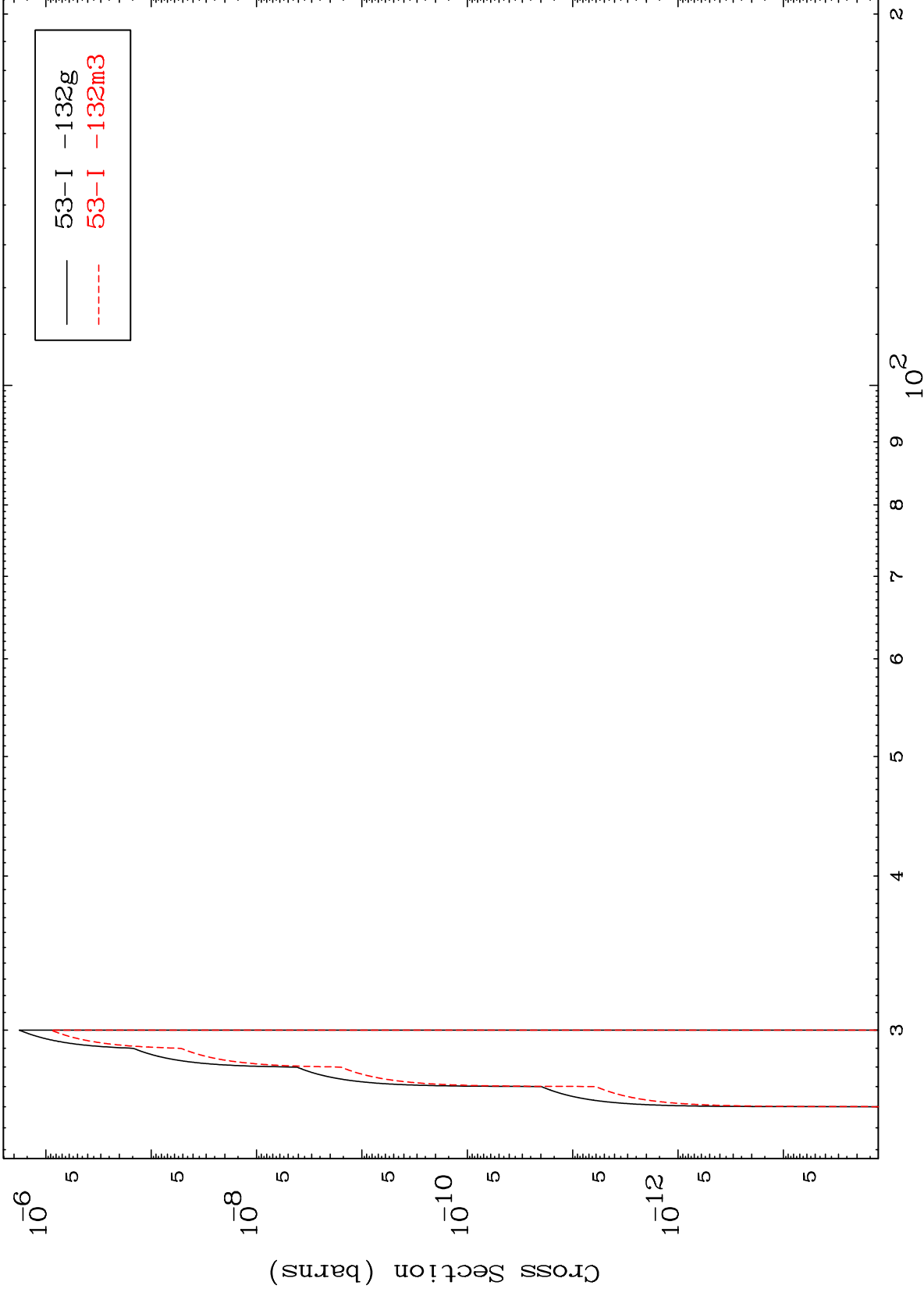
95

Incident Energy (MeV)

54-Xe-135



Radionuclide Production Cross Section



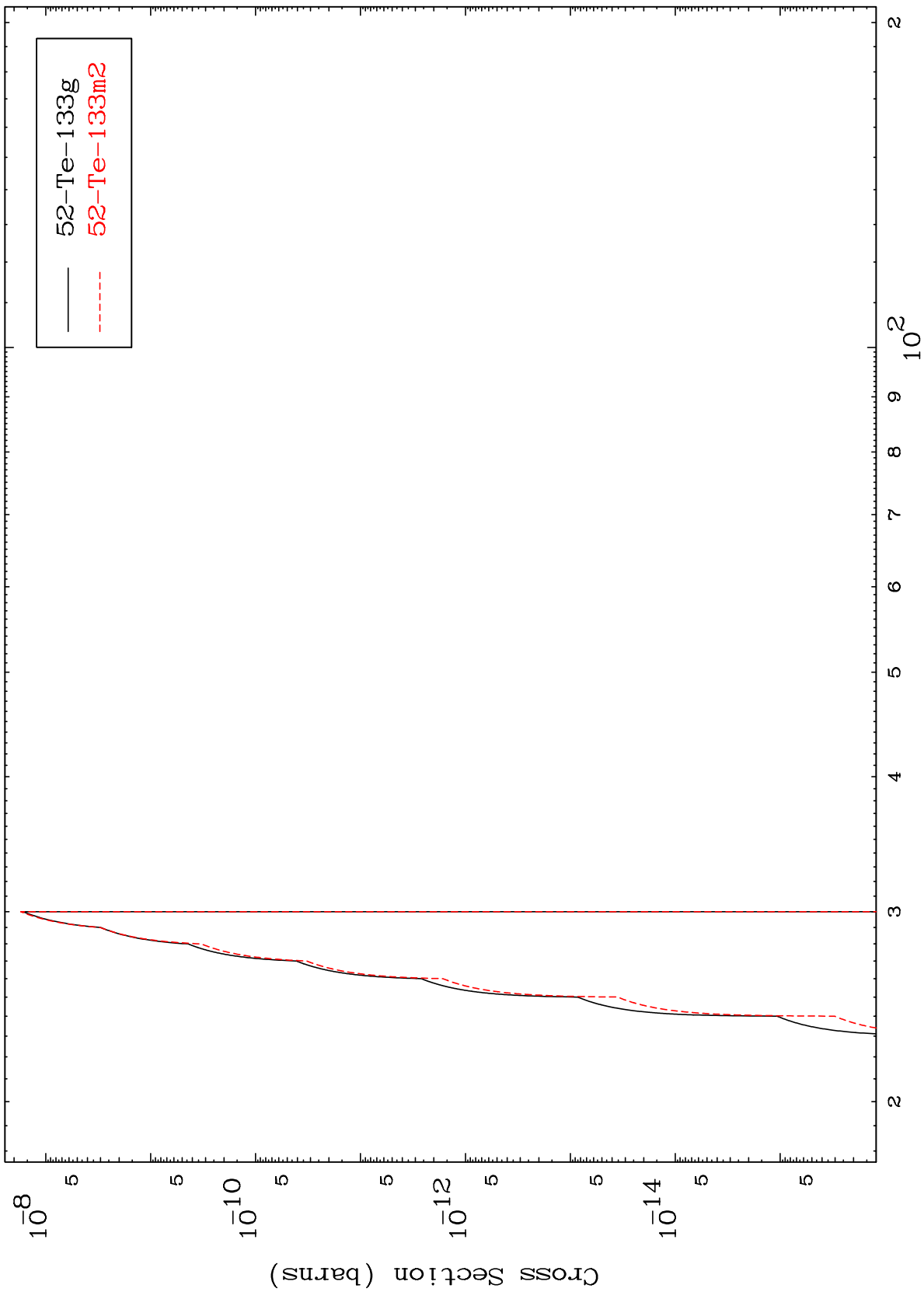
53-I - 132g
53-I - 132m3

MAT 5458

(n,2n) p

54-Xe-135

Radionuclide Production Cross Section



98

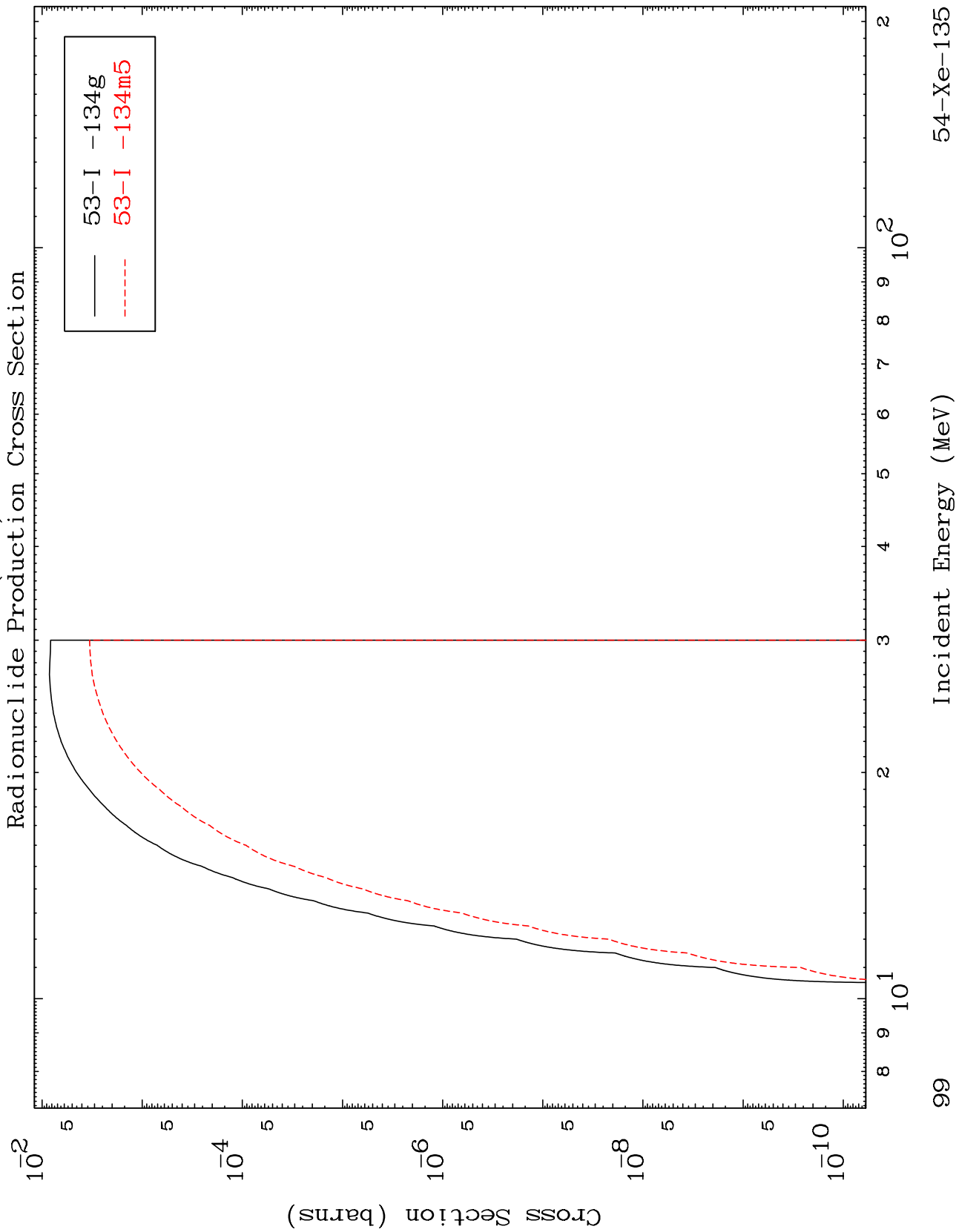
Incident Energy (MeV)

54-Xe-135

MAT 5458

(n,d)

54-Xe-135



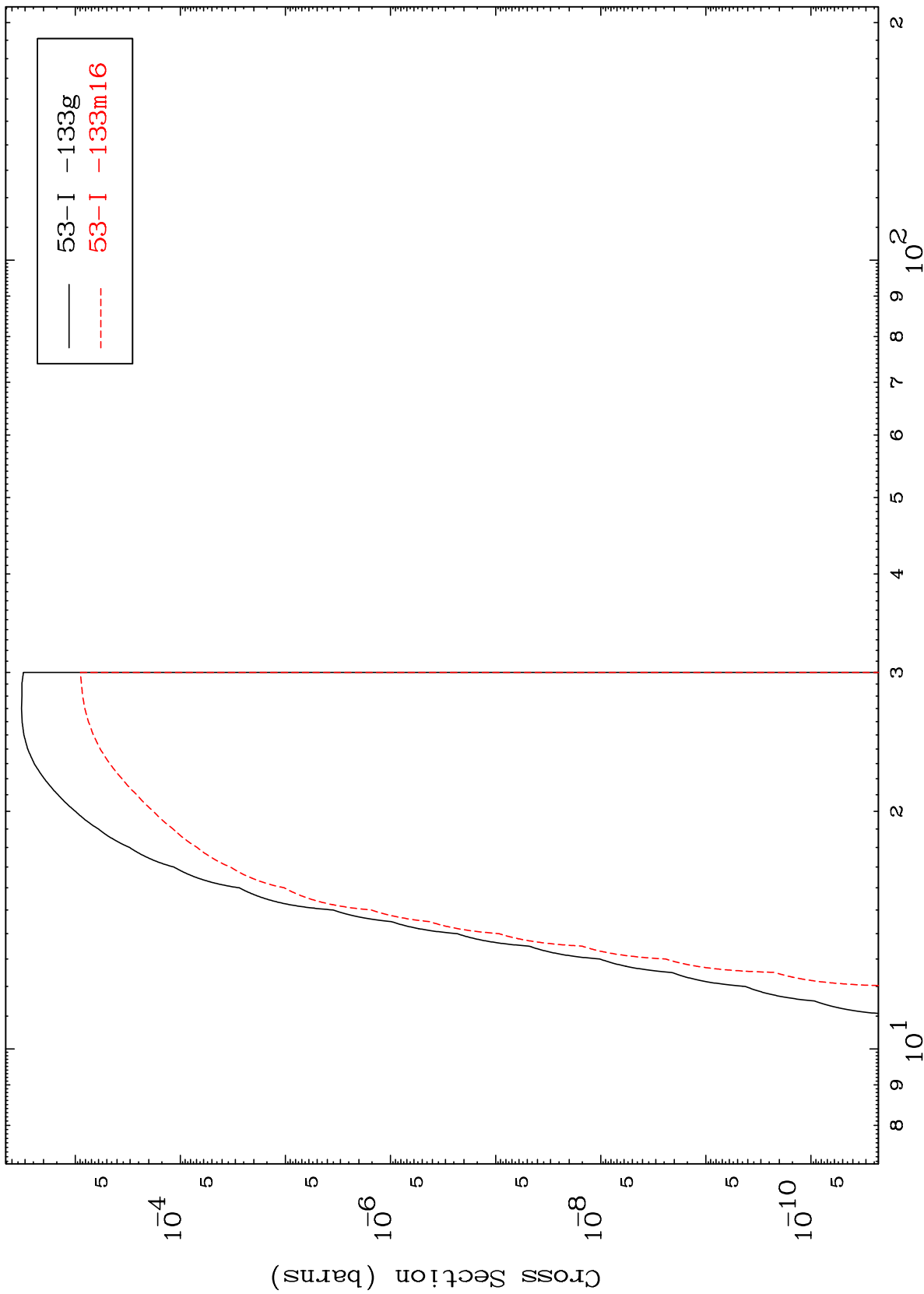
99

54-Xe-135

MAT 5458

54-Xe-135

(n, t)
Radionuclide Production Cross Section



53-I -133g
53-I -133m16

54-Xe-135

Incident Energy (MeV)

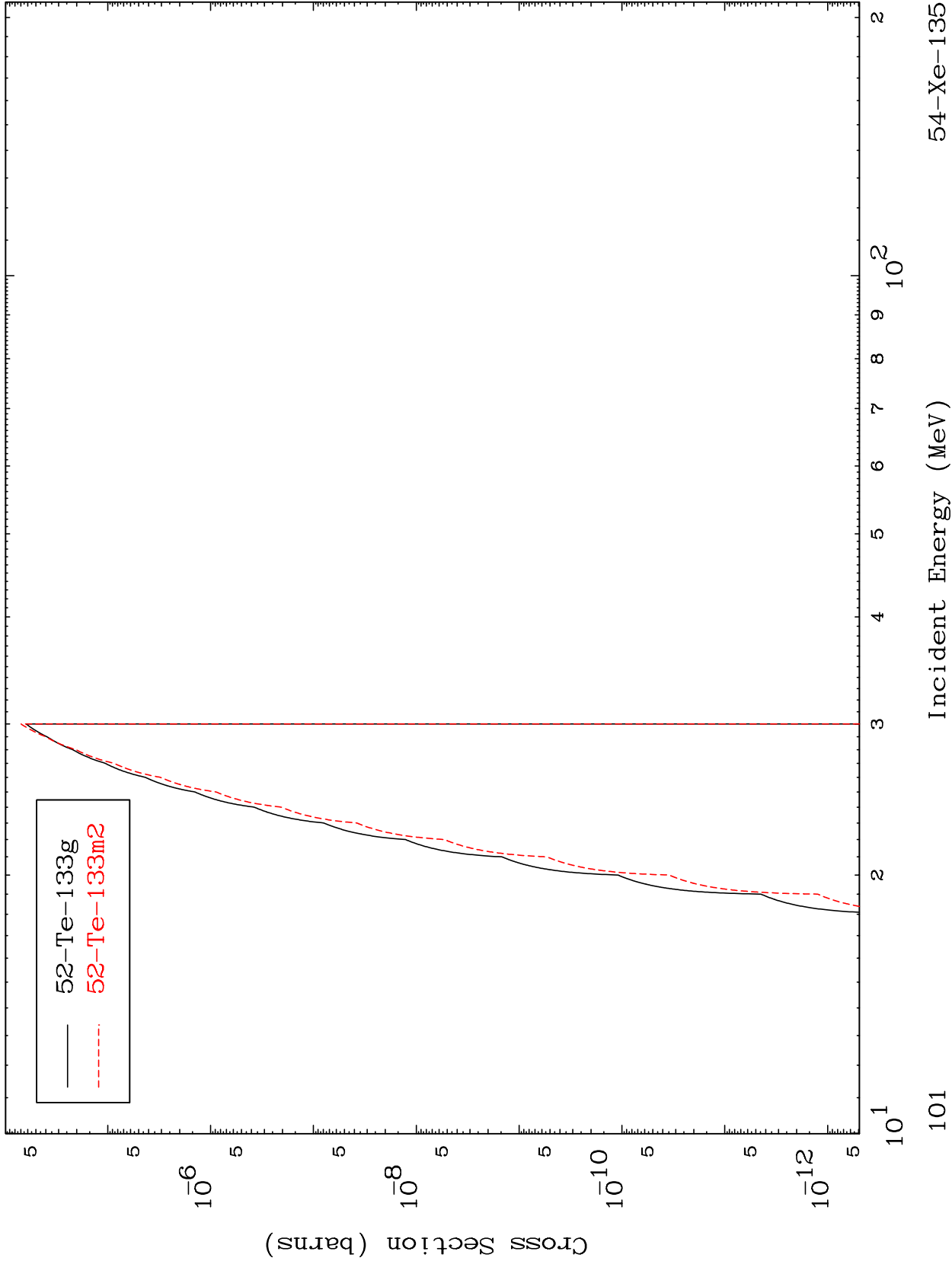
100

MAT 5458

(n,He-3)

54-Xe-135

Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-135

101

Radionuclide Production Cross Section

