

Program EVALPLOT
(Version 2018-1)

by

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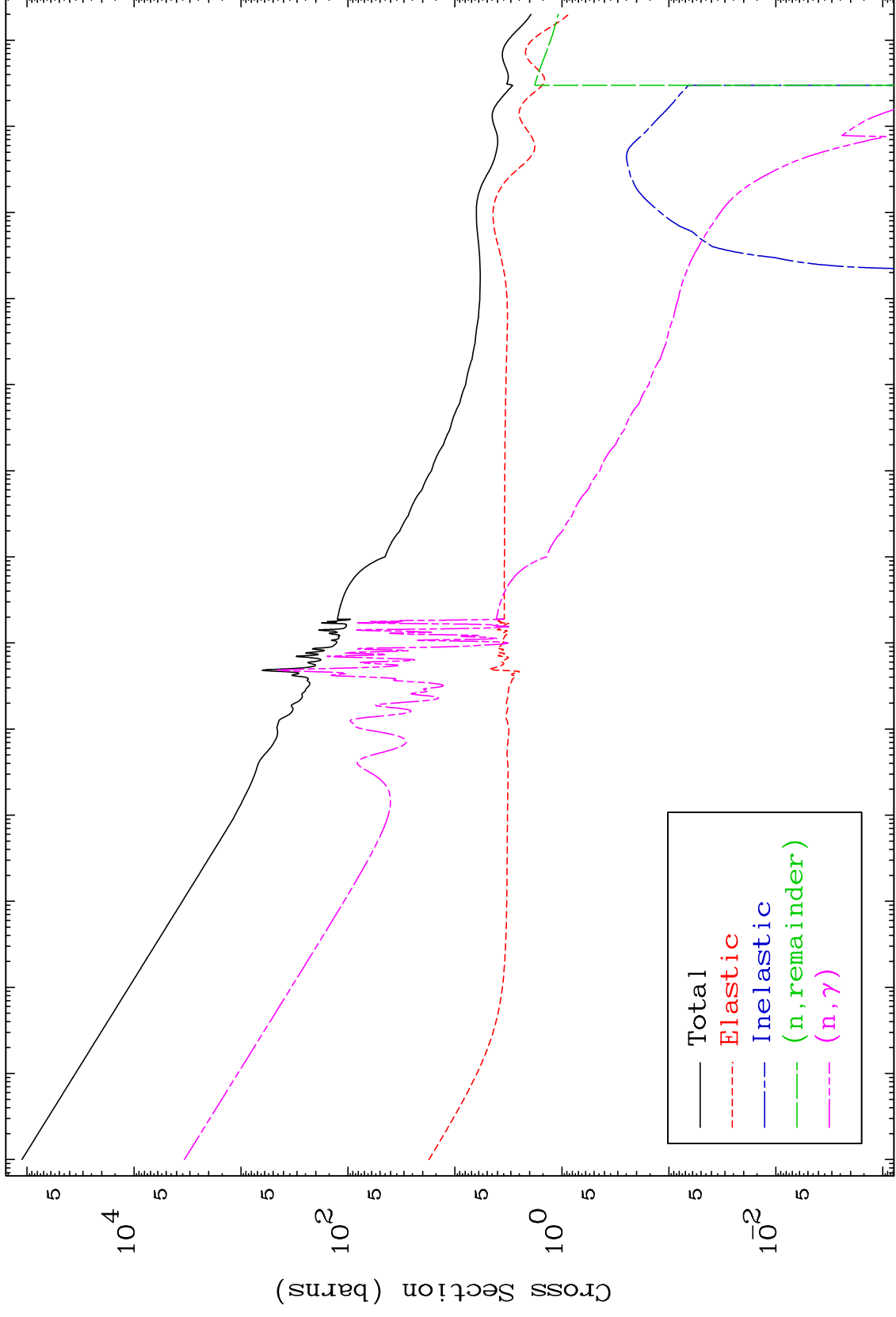
Press Mouse Button to Start

MAT 5398

Major

293 Kelvin Cross Sections

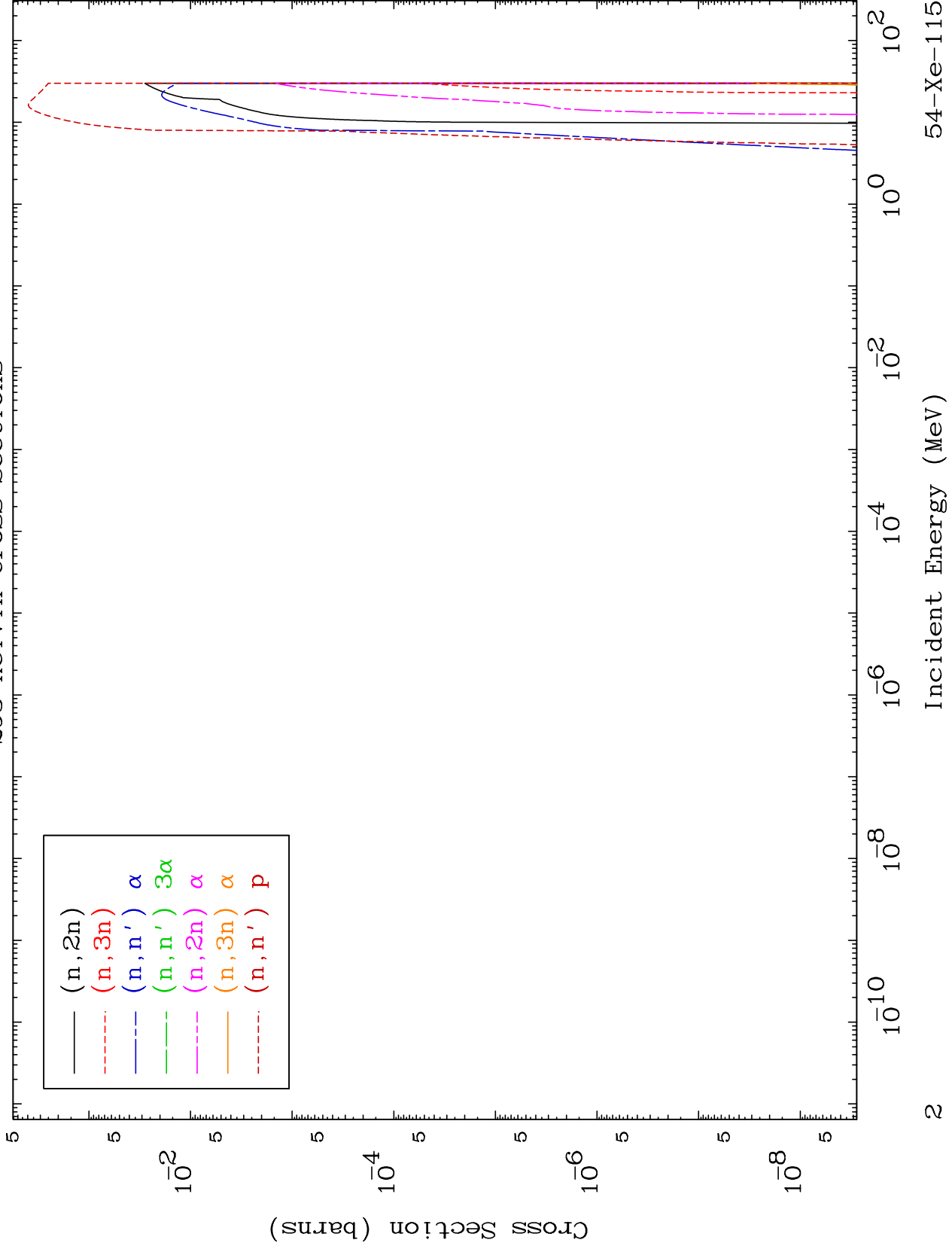
54-Xe-115



MAT 5398

Neutron Production
293 Kelvin Cross Sections

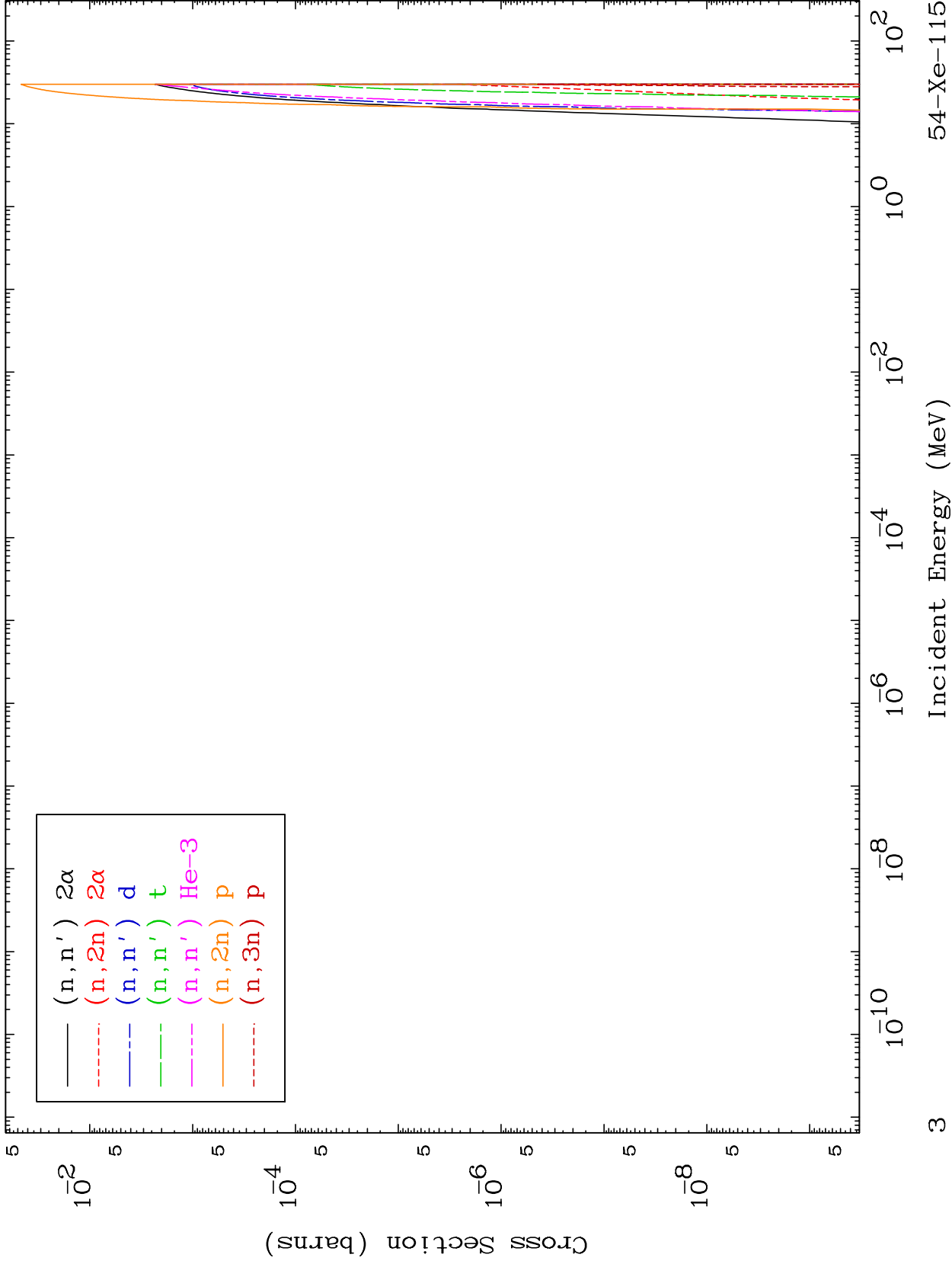
54-Xe-115



MAT 5398

Neutron Production
293 Kelvin Cross Sections

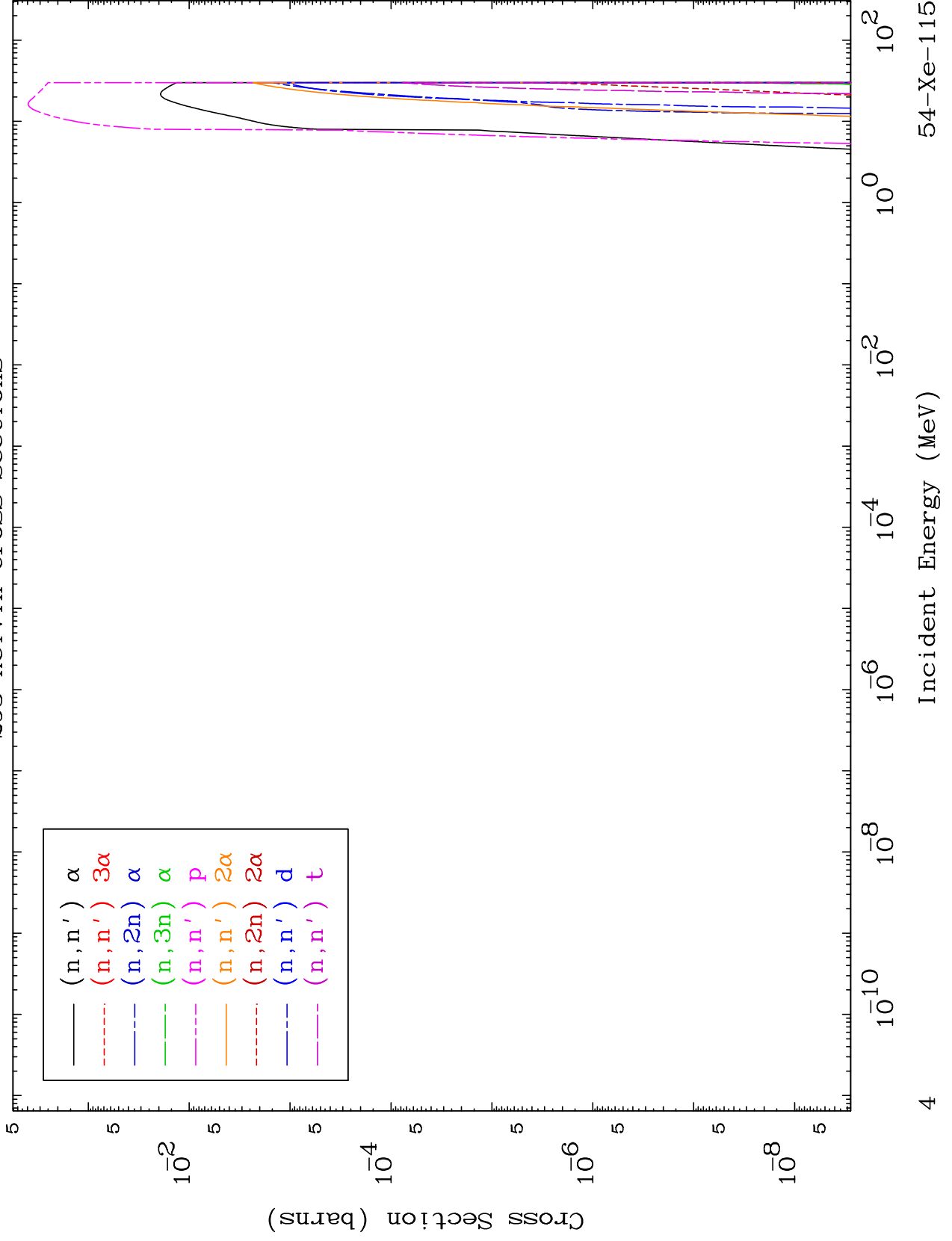
54-Xe-115



MAT 5398

Charged Particle
293 Kelvin Cross Sections

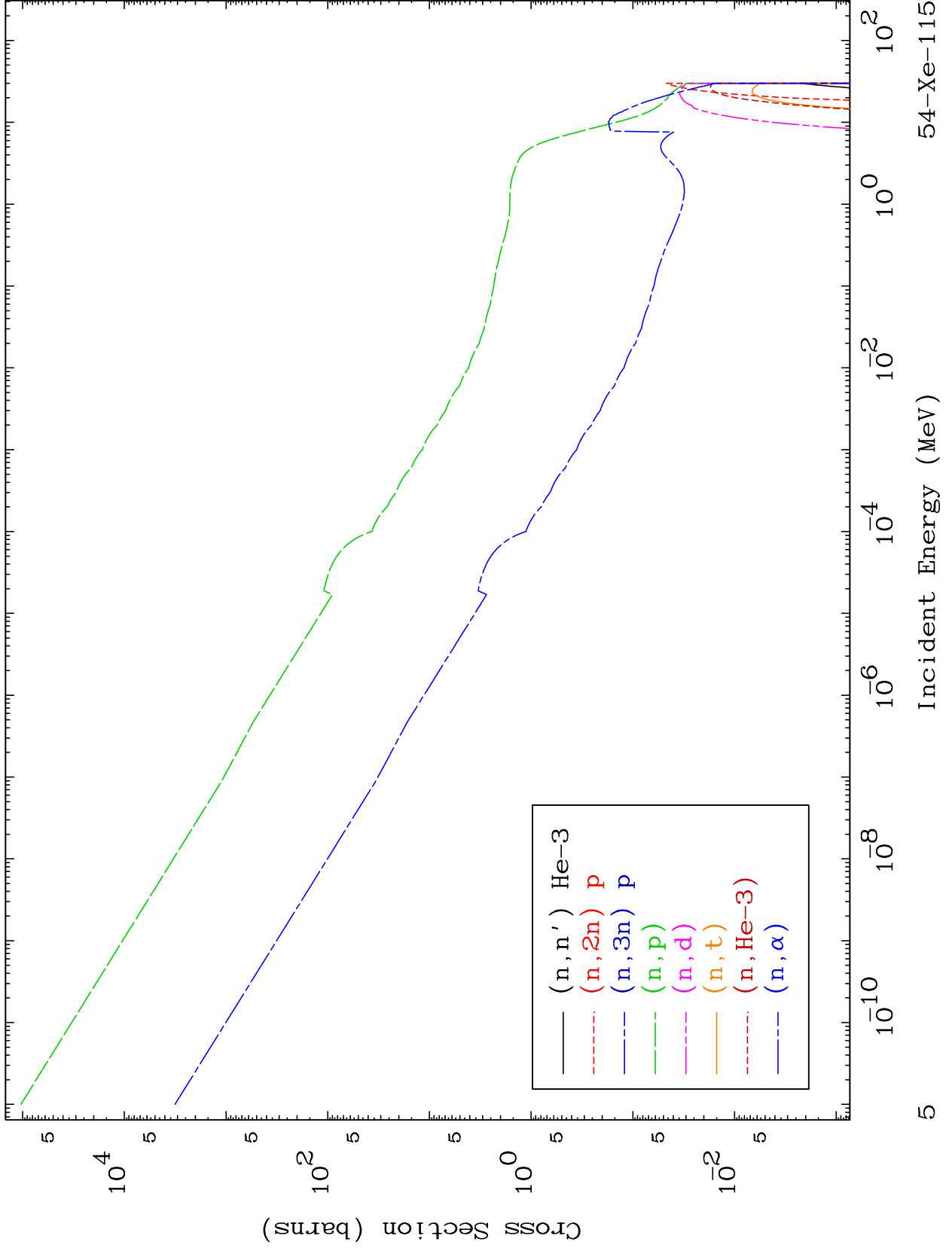
54-Xe-115



MAT 5398

Charged Particle
293 Kelvin Cross Sections

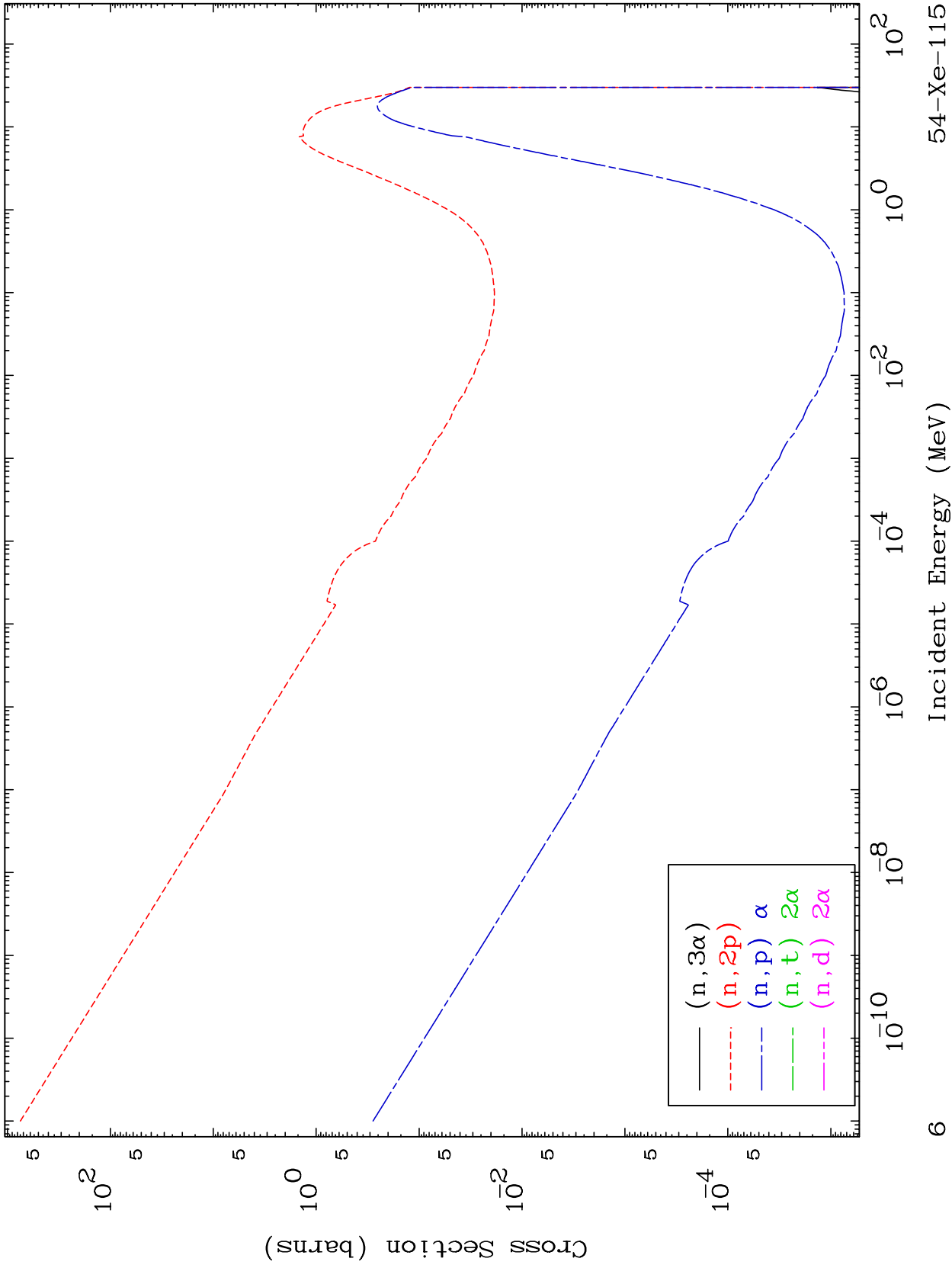
54-Xe-115



MAT 5398

Charged Particle
293 Kelvin Cross Sections

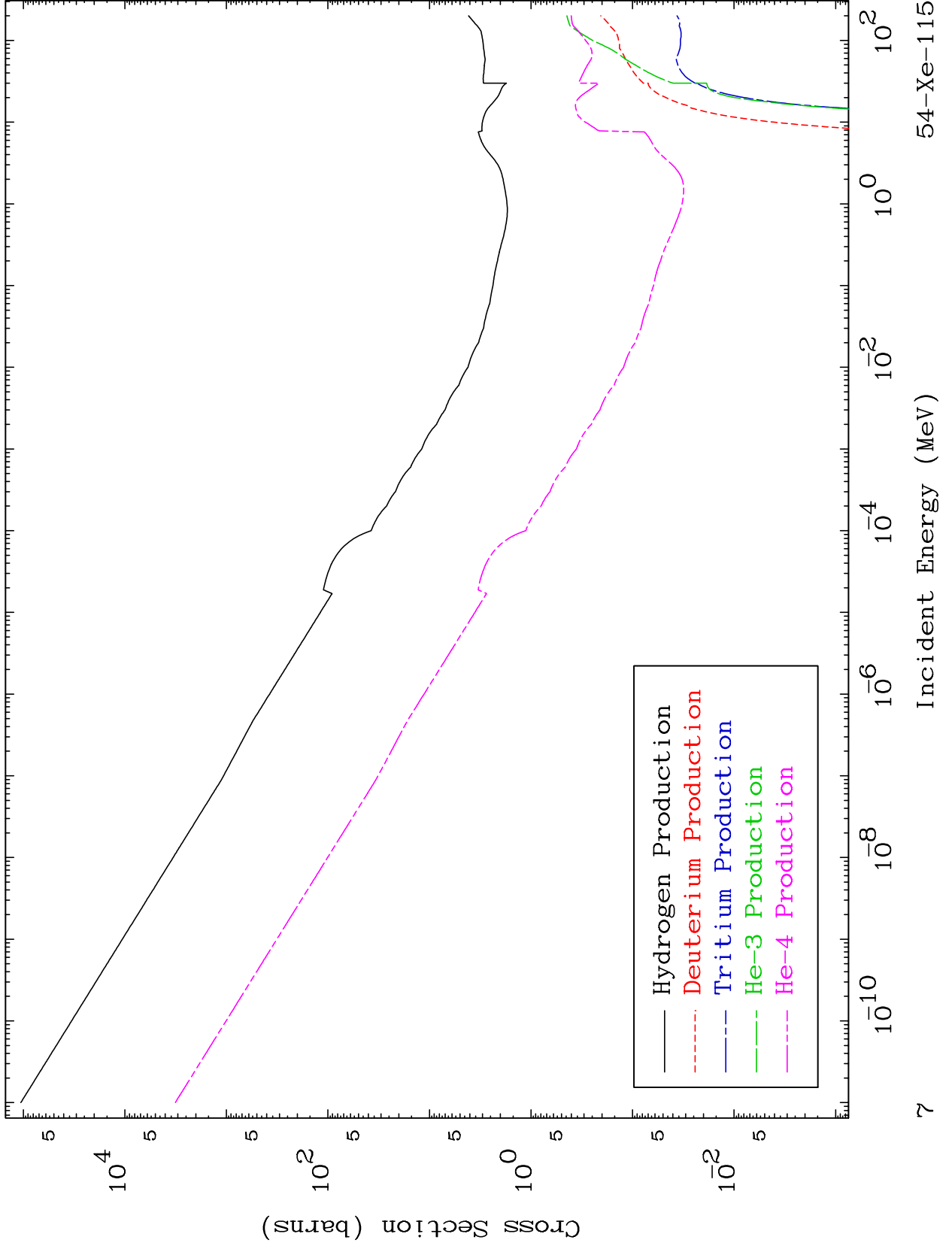
54-Xe-115



MAT 5398

Particle Production
293 Kelvin Cross Sections

54-Xe-115

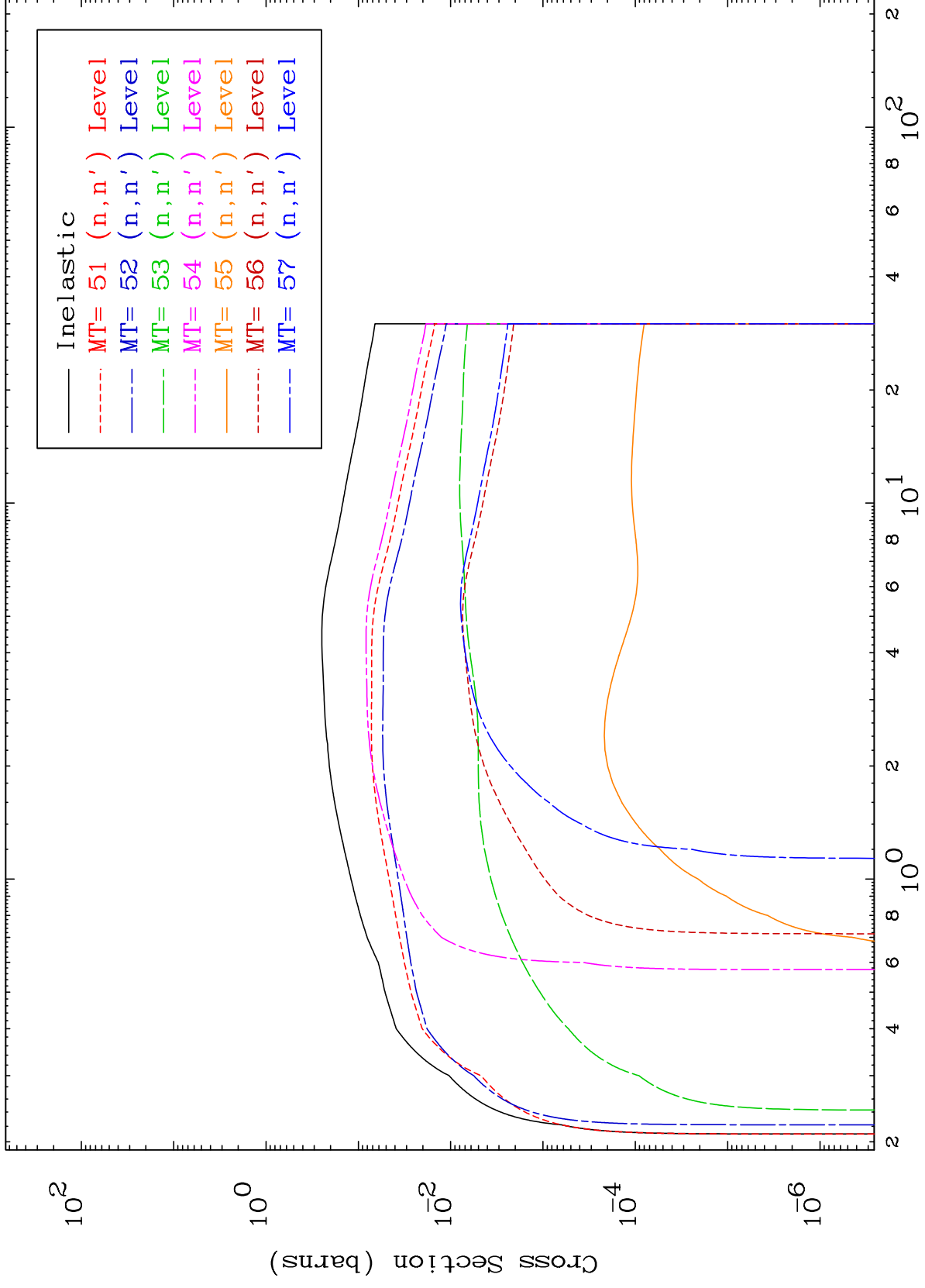


MAT 5398

(n,n') Level

54-Xe-115

293 Kelvin Cross Sections

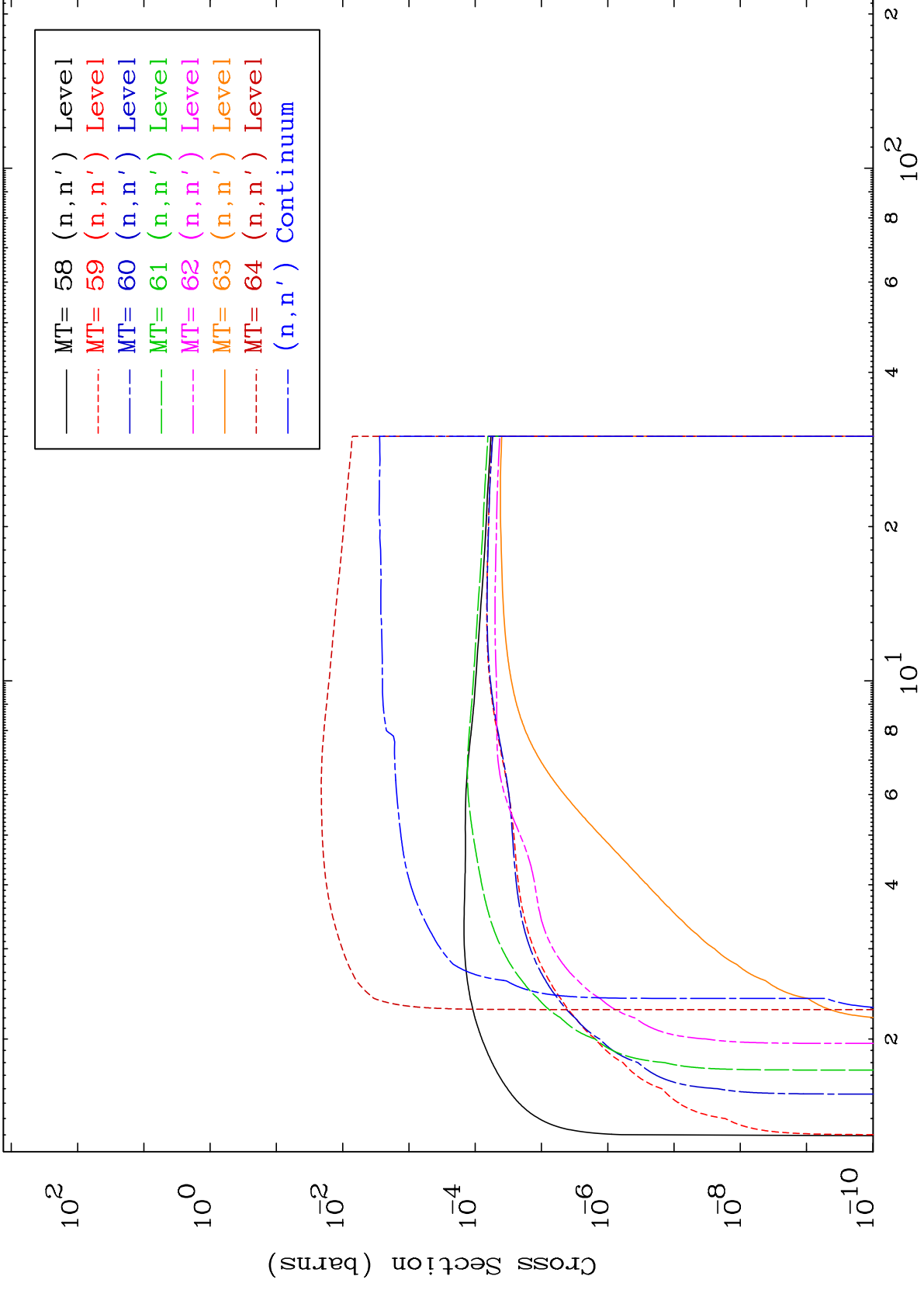


8

Incident Energy (MeV)

54-Xe-115

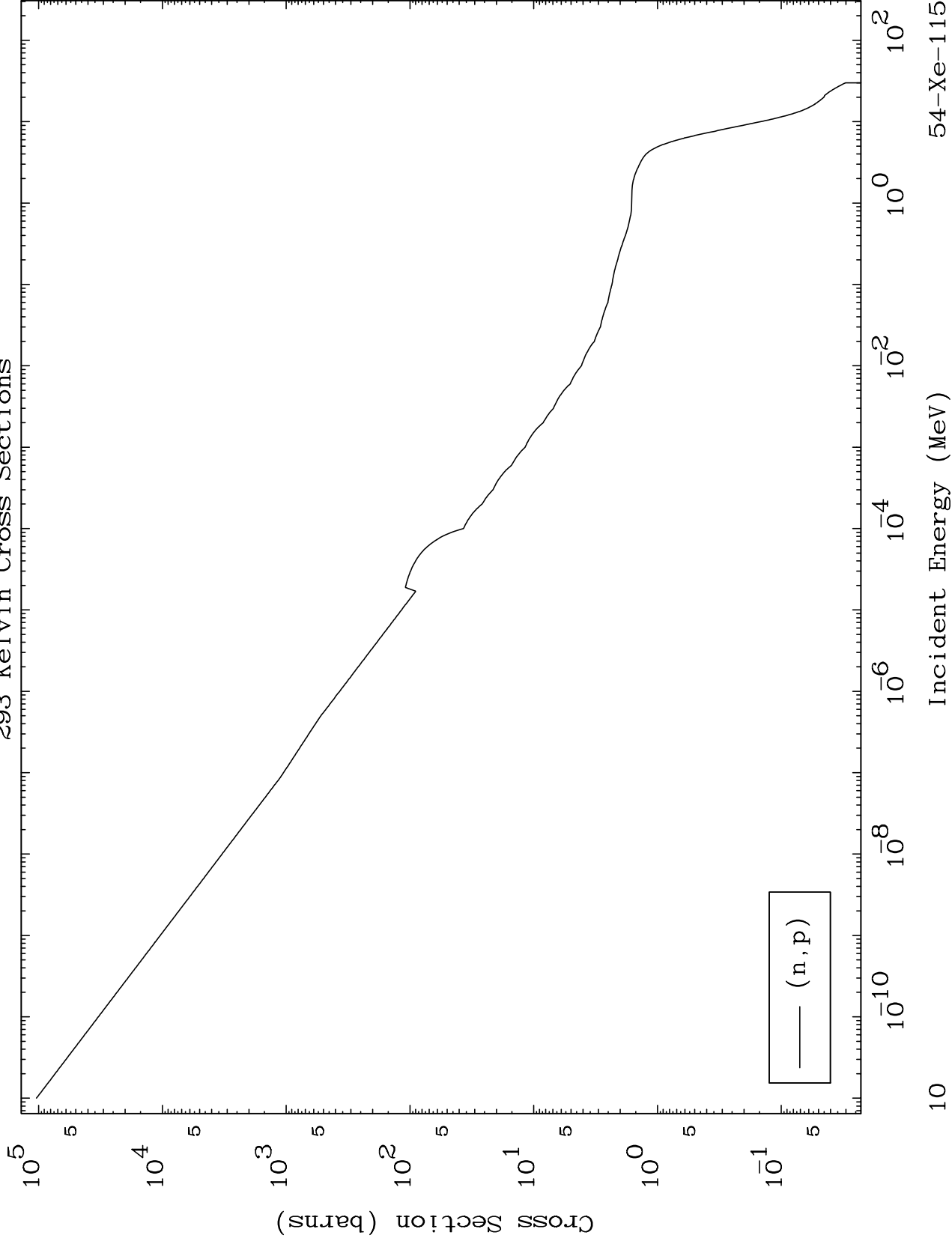
293 Kelvin Cross Sections



MAT 5398

(n,p) Levels
293 Kelvin Cross Sections

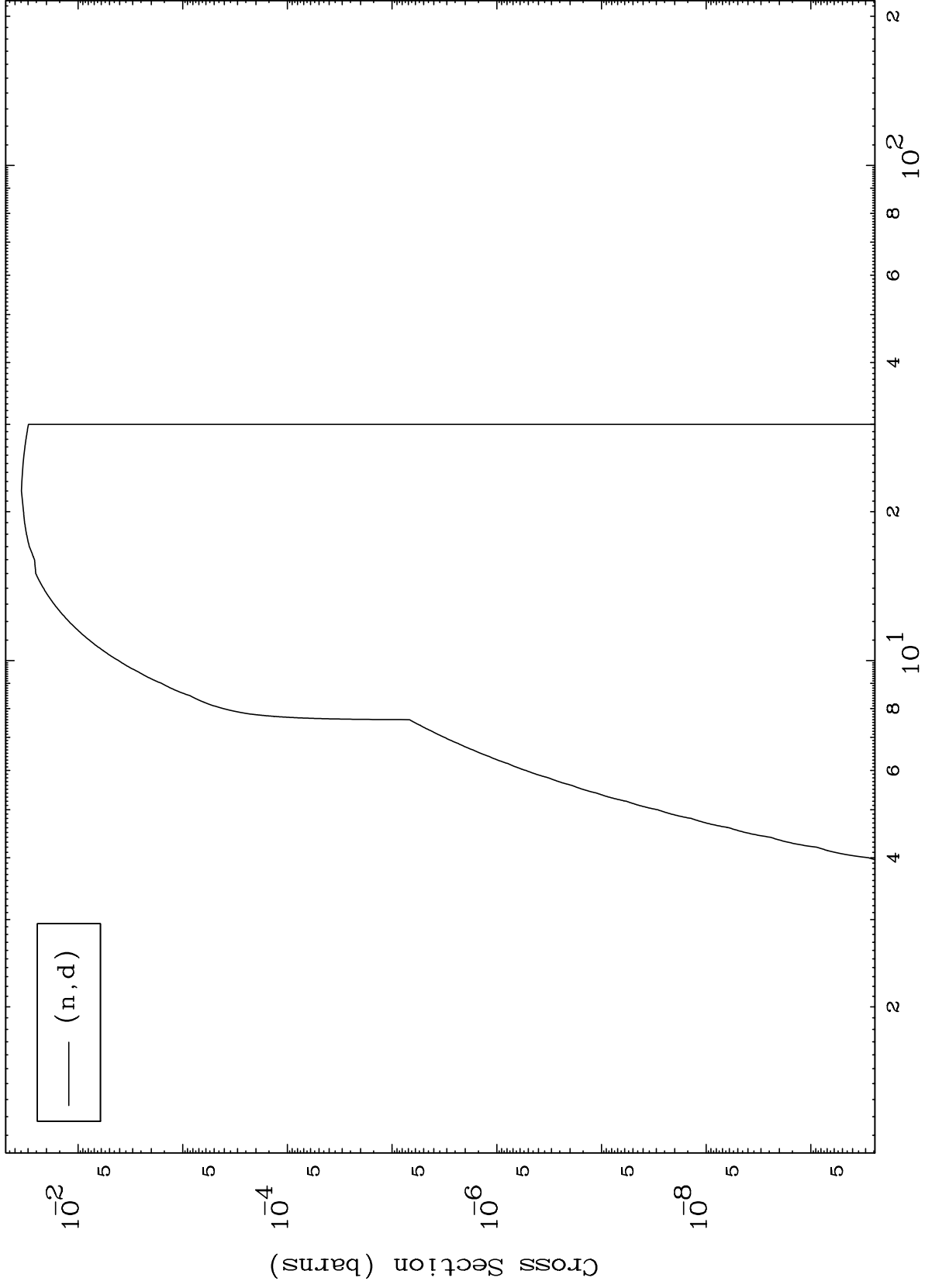
54-Xe-115



MAT 5398

(n,d) Levels
293 Kelvin Cross Sections

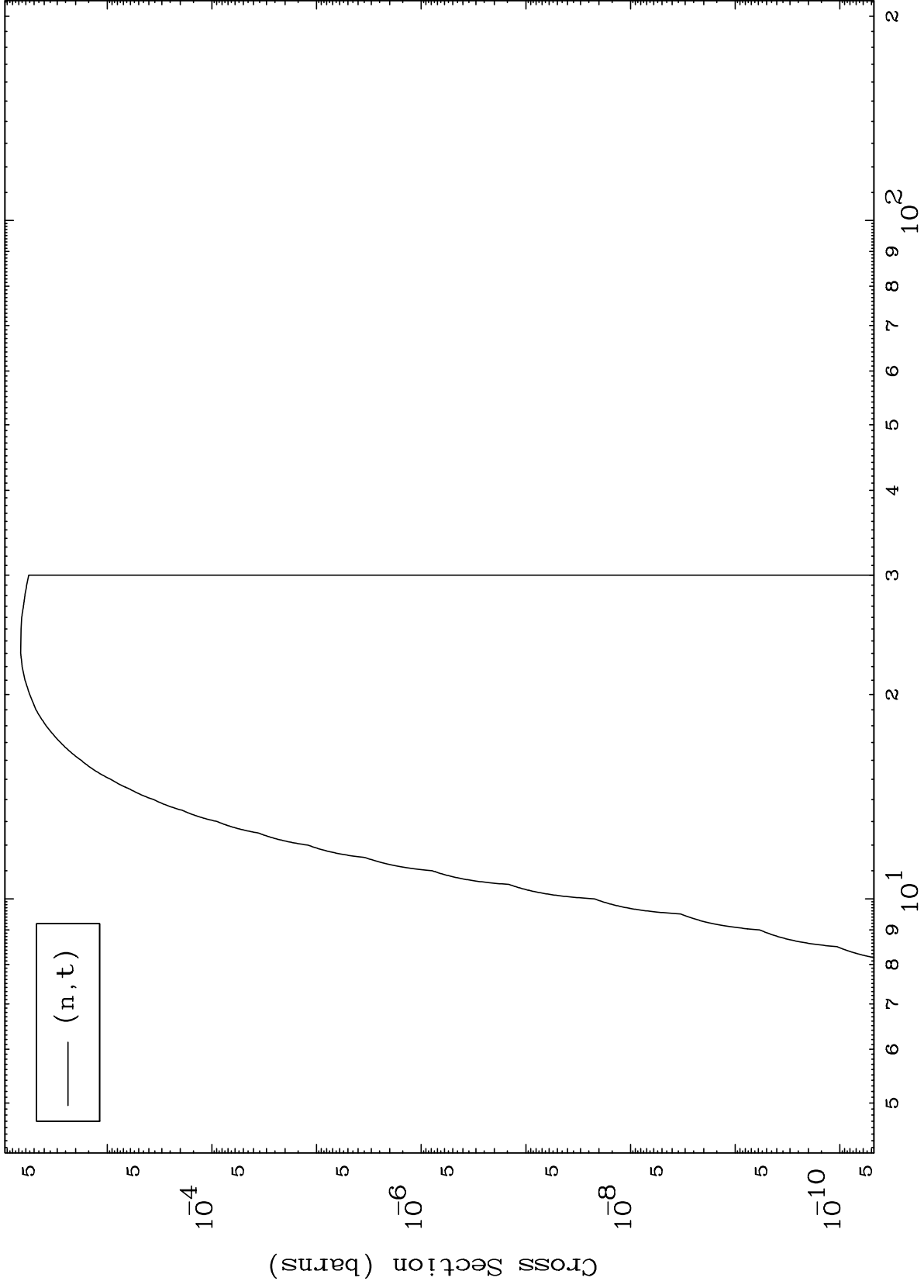
54-Xe-115



MAT 5398

(n,t) Levels
293 Kelvin Cross Sections

54-Xe-115



(n,t)

12

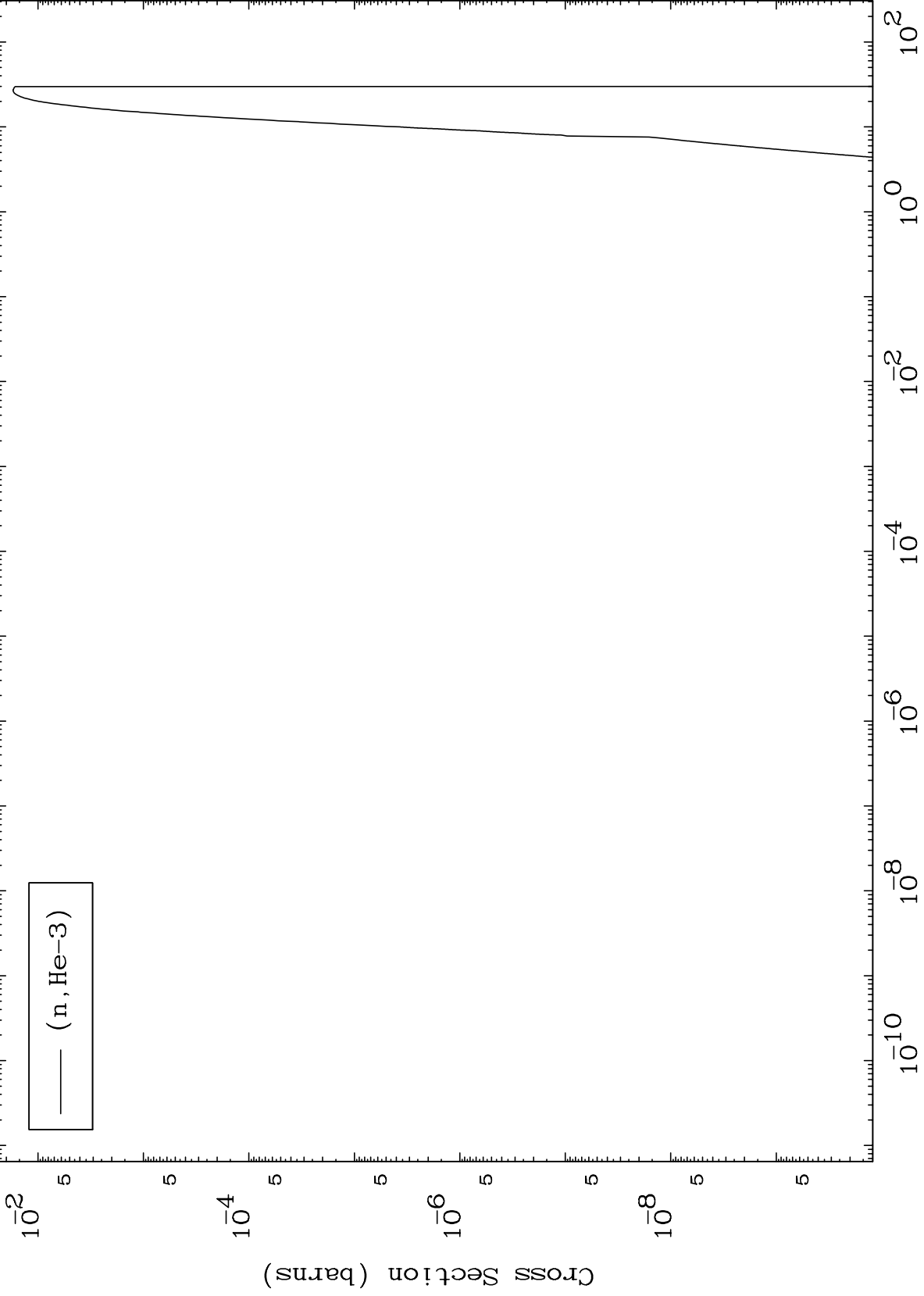
Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,He3) Levels
293 Kelvin Cross Sections

54-Xe-115



13

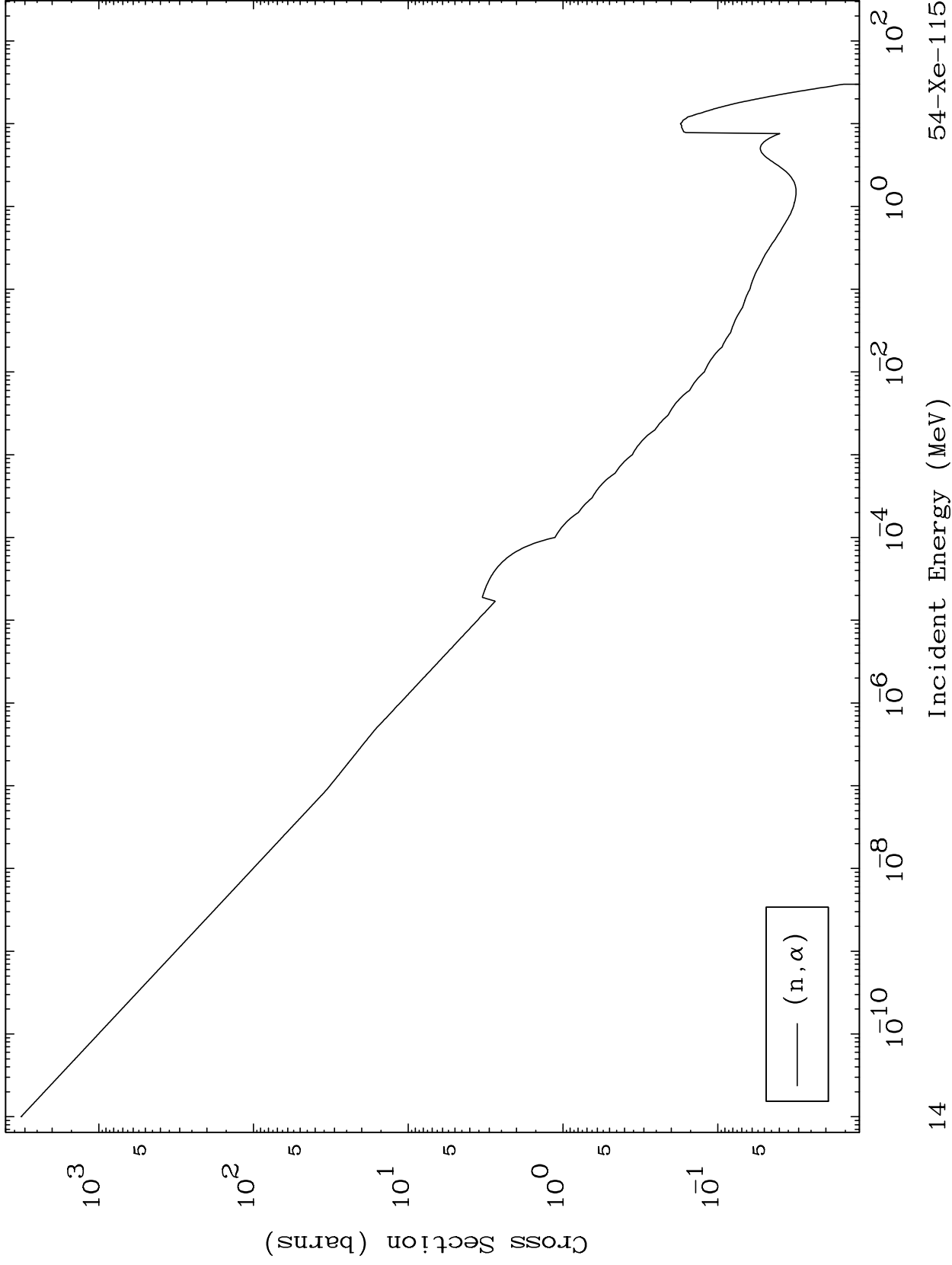
Incident Energy (MeV)

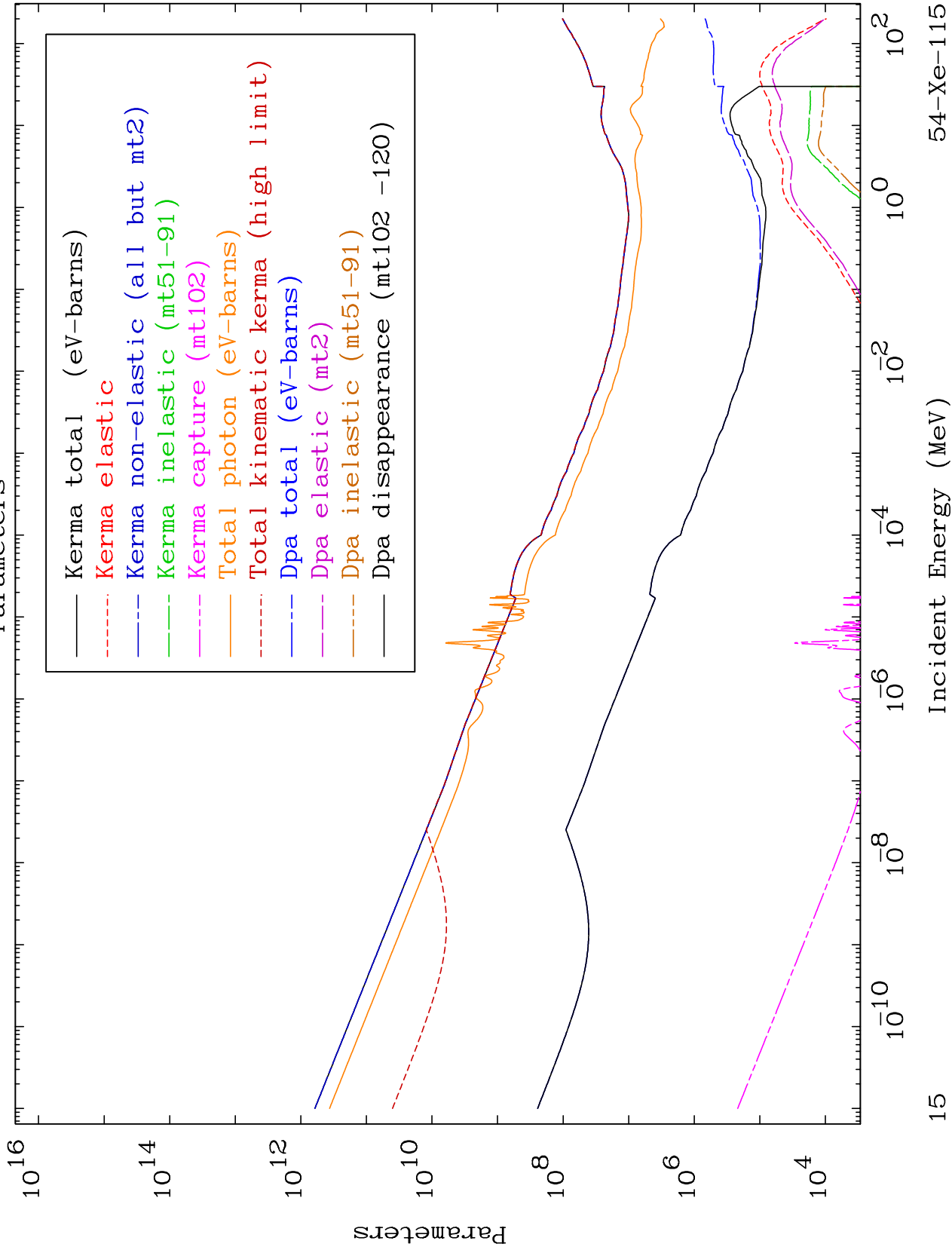
54-Xe-115

MAT 5398

(n,α) Levels
293 Kelvin Cross Sections

54-Xe-115

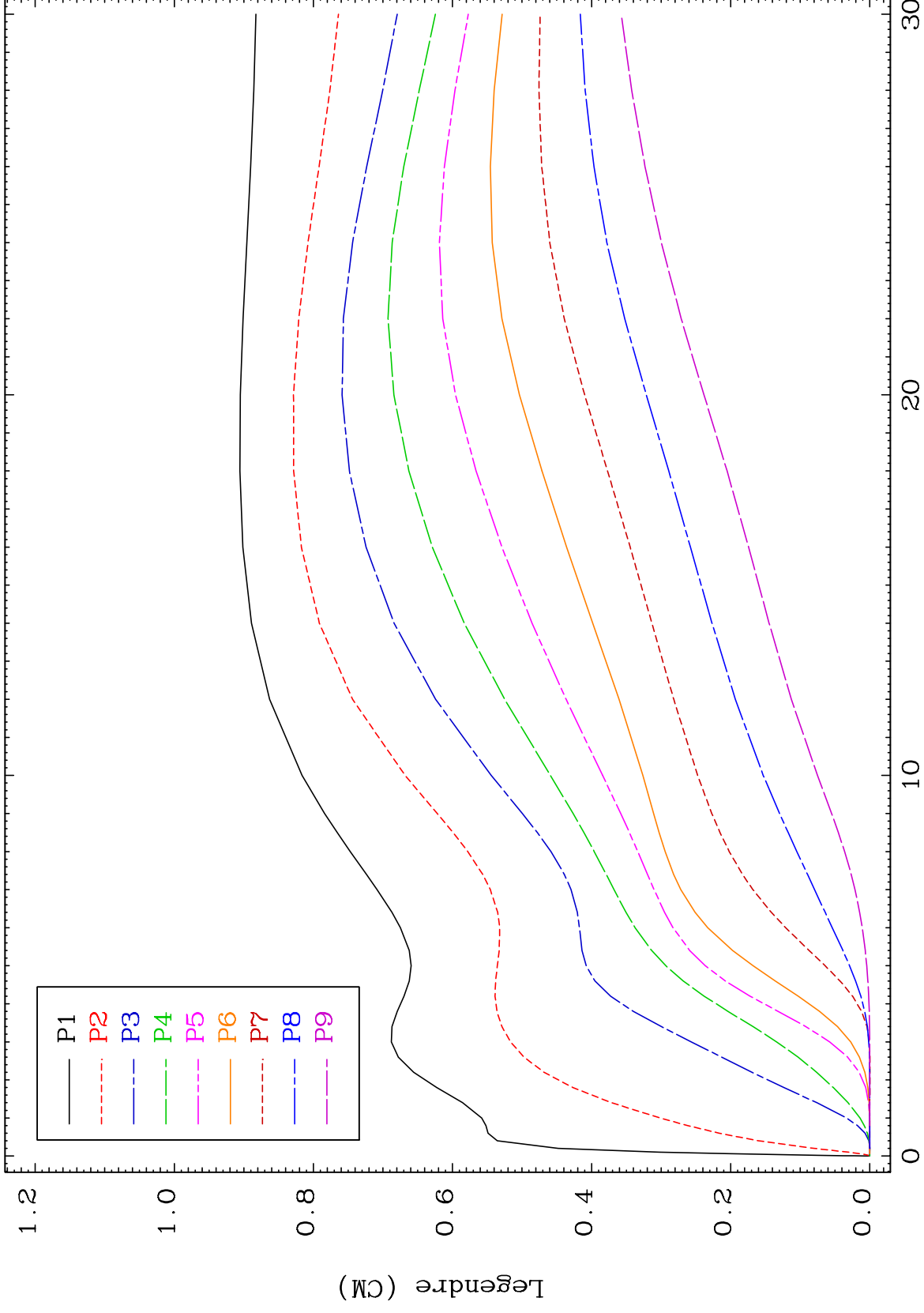




MAT 5398

Elastic Legendre Coefficients

54-Xe-115



16

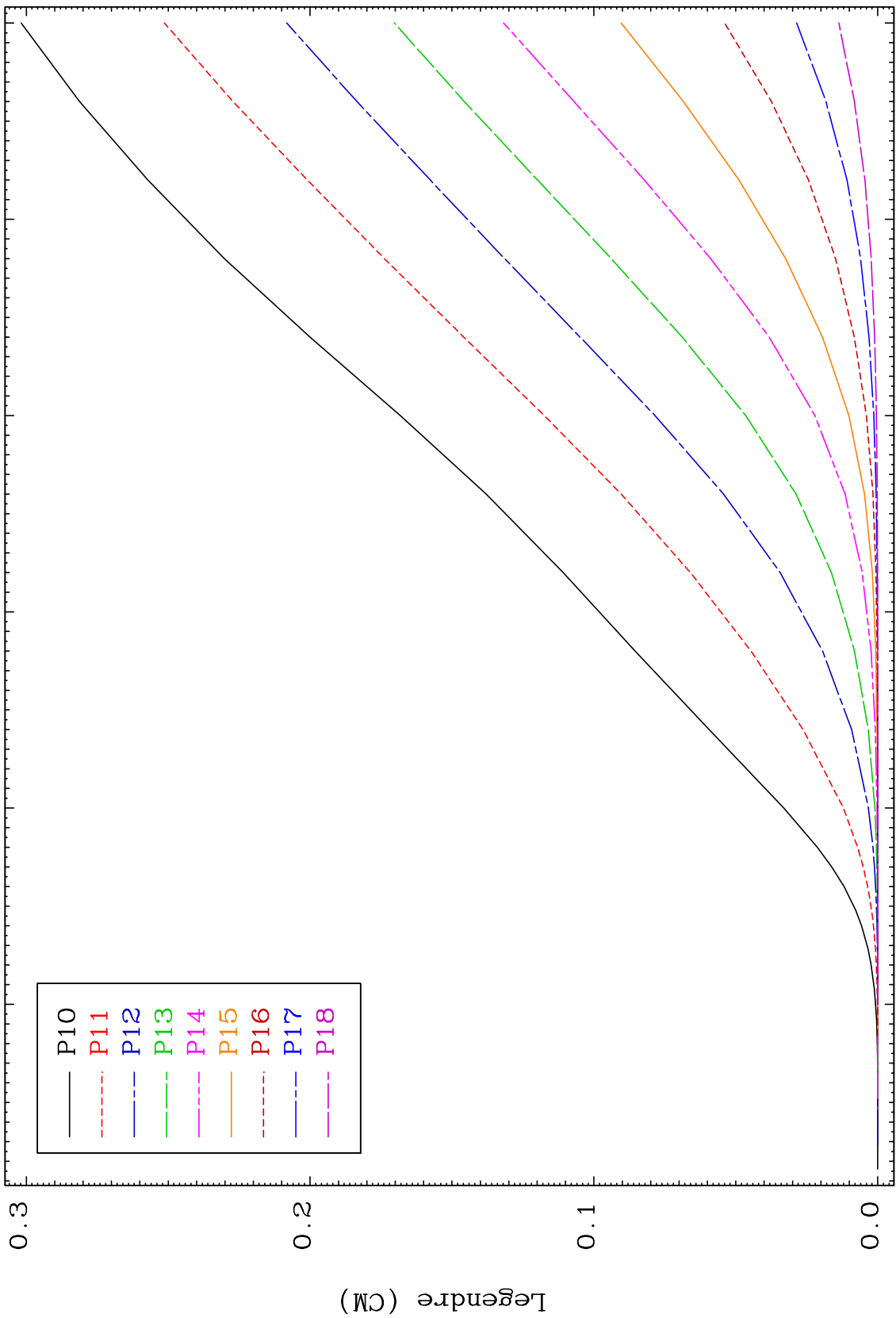
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

54-Xe-115



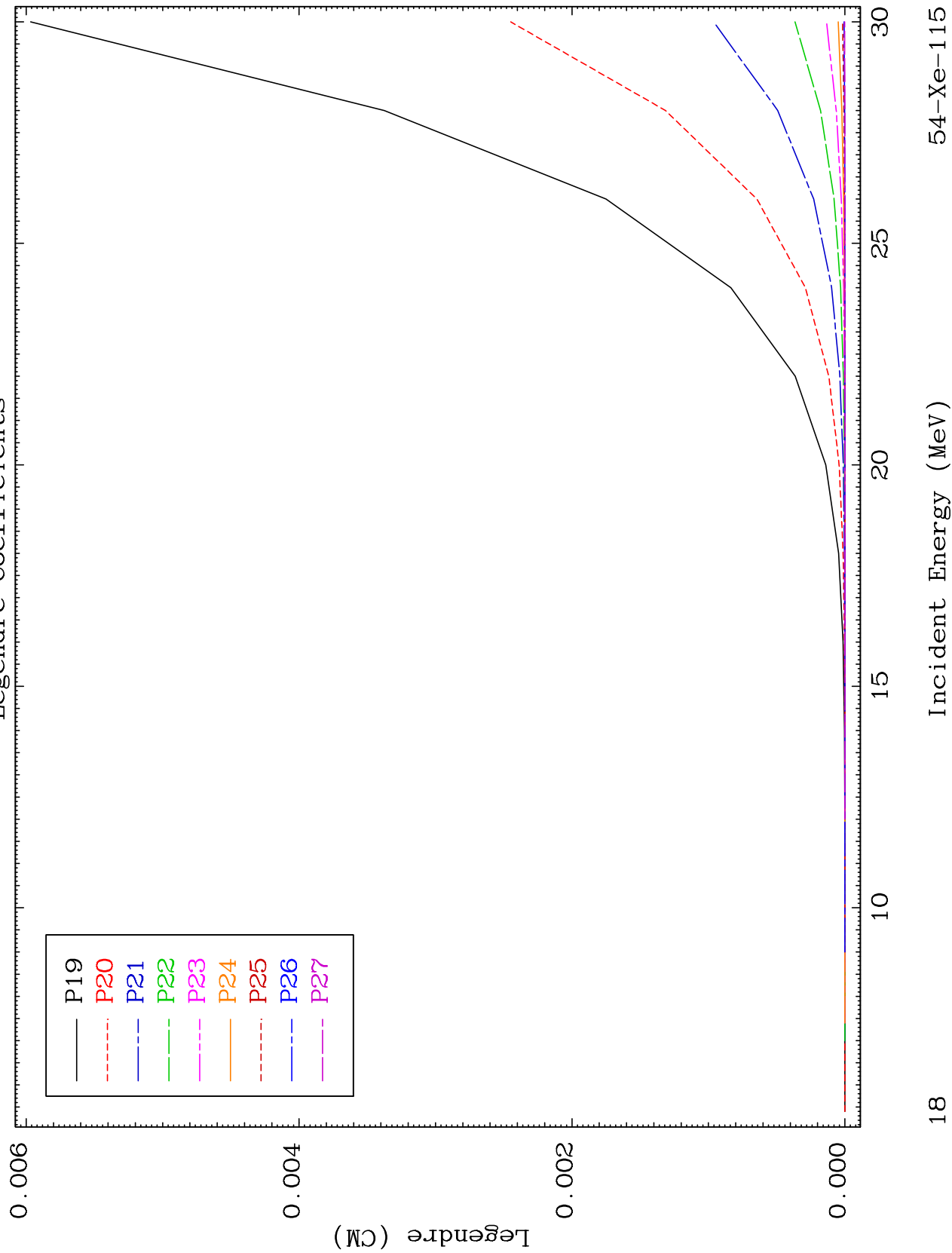
17

54-Xe-115

MAT 5398

Elastic
Legendre Coefficients

54-Xe-115



18

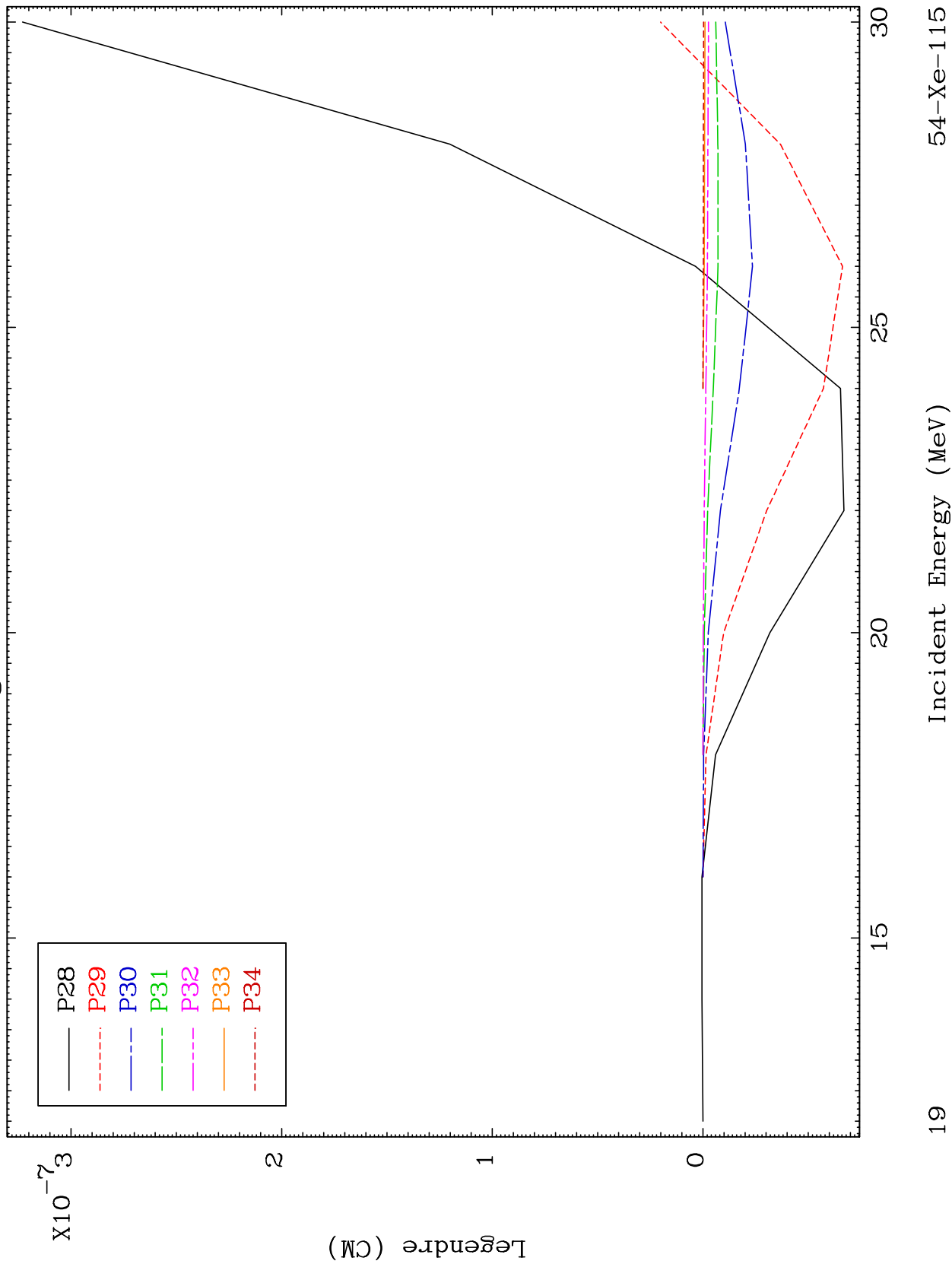
Incident Energy (MeV)

54-Xe-115

MAT 5398

Elastic Legendre Coefficients

54-Xe-115



19

Incident Energy (MeV)

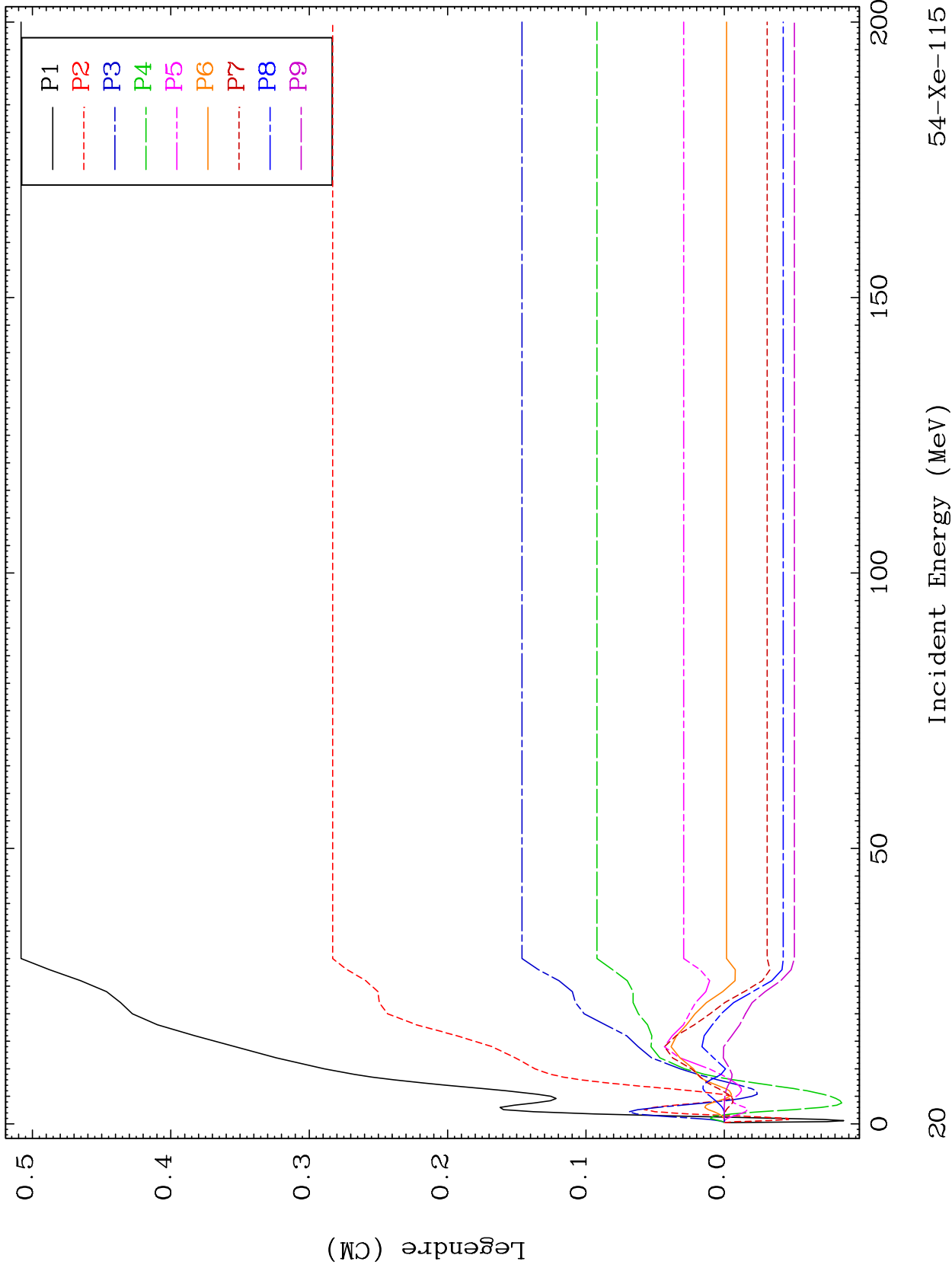
54-Xe-115

MAT 5398

MT= 51 (n,n') Level

54-Xe-115

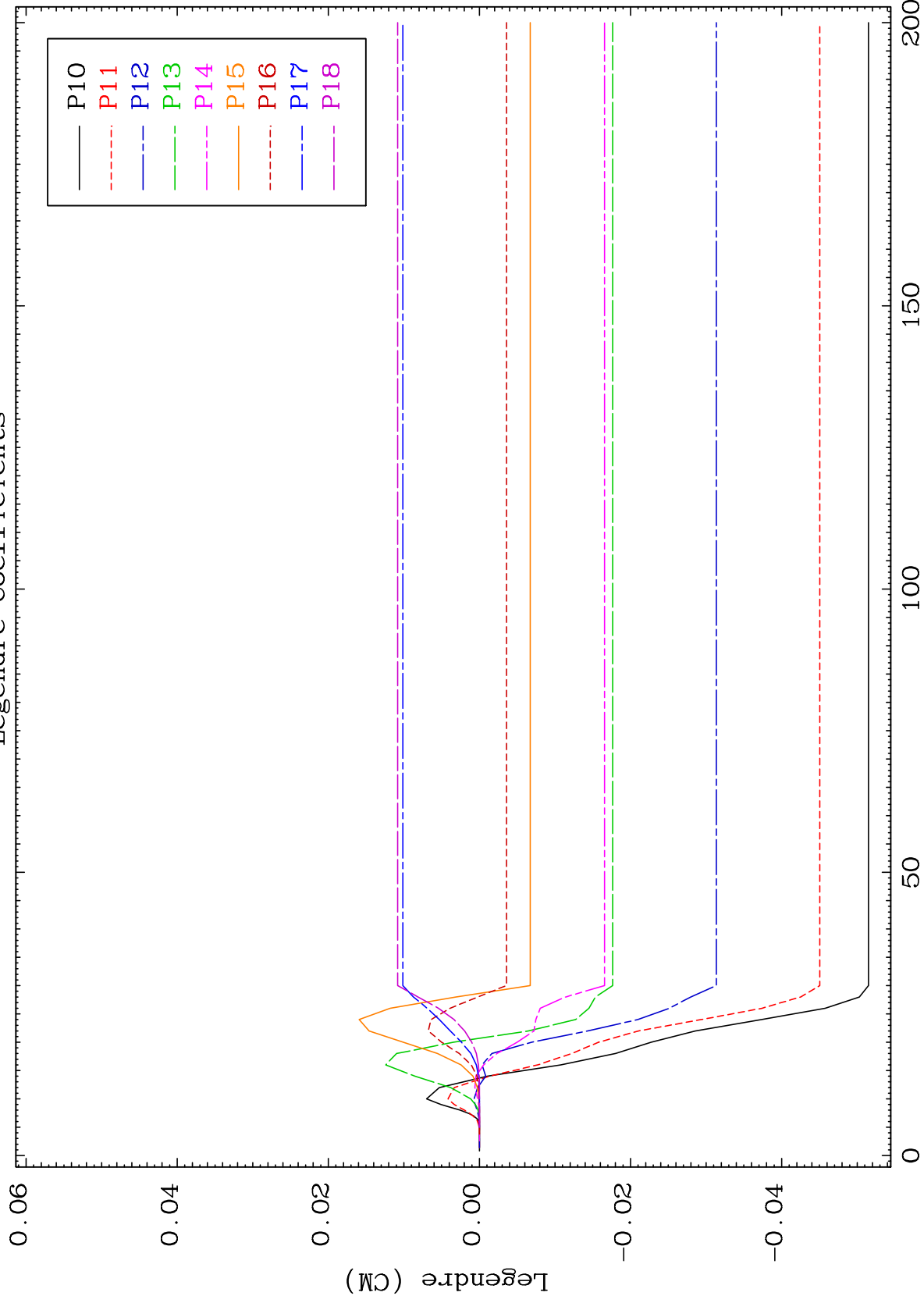
Legendre Coefficients



MAT 5398

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

54-Xe-115



21

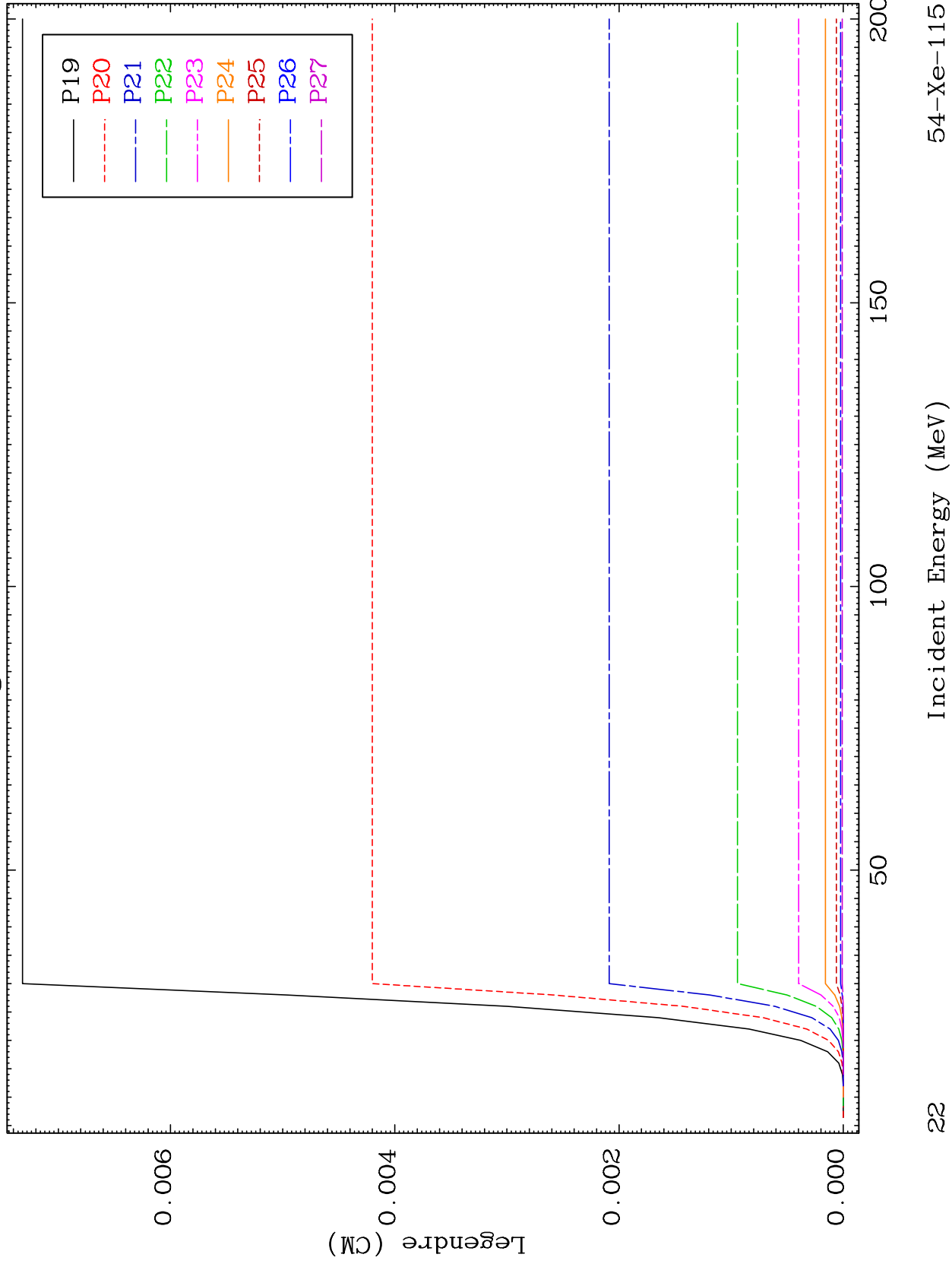
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

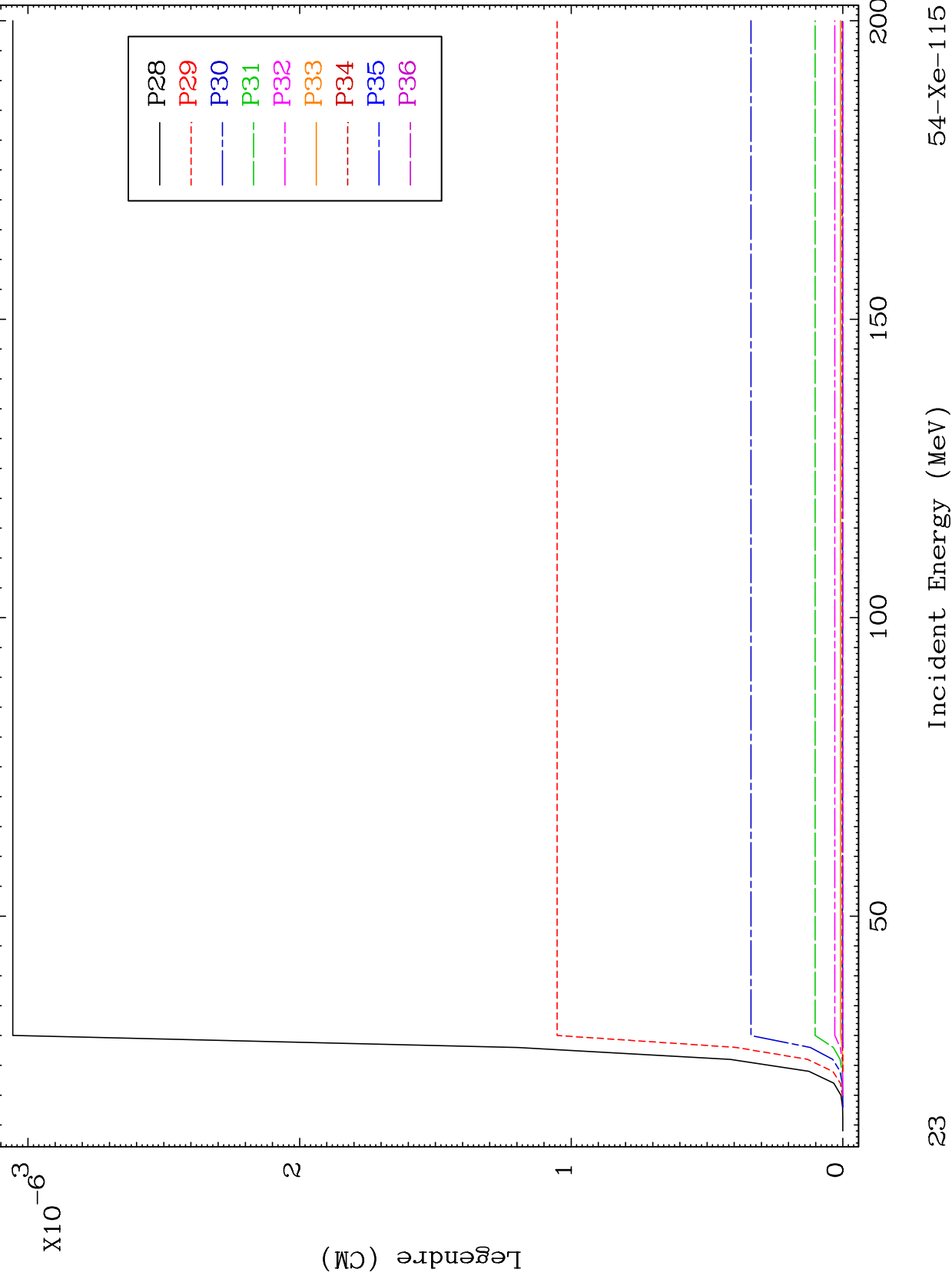
Incident Energy (MeV)

22

MAT 5398

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

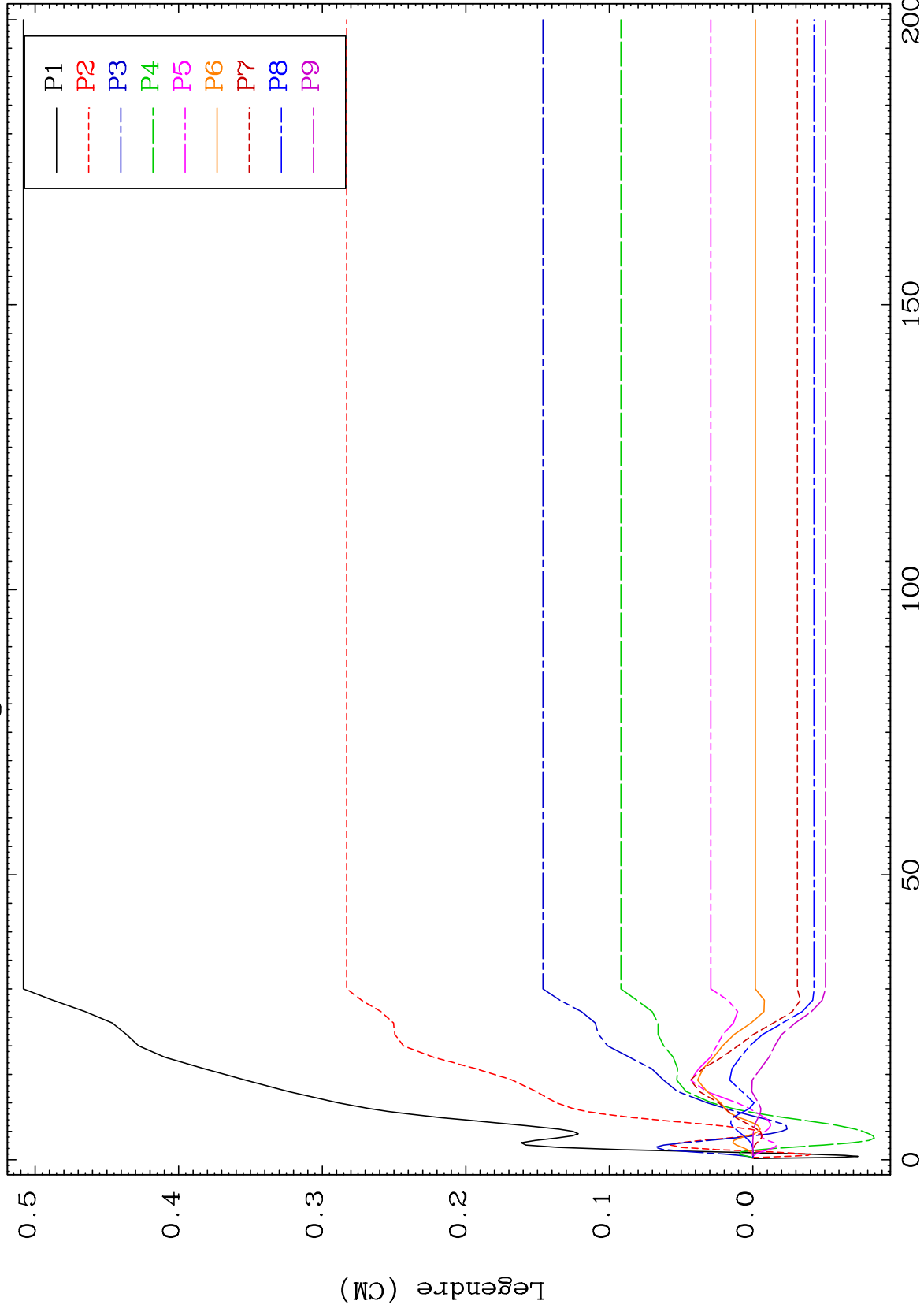
54-Xe-115



MAT 5398

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

54-Xe-115



24

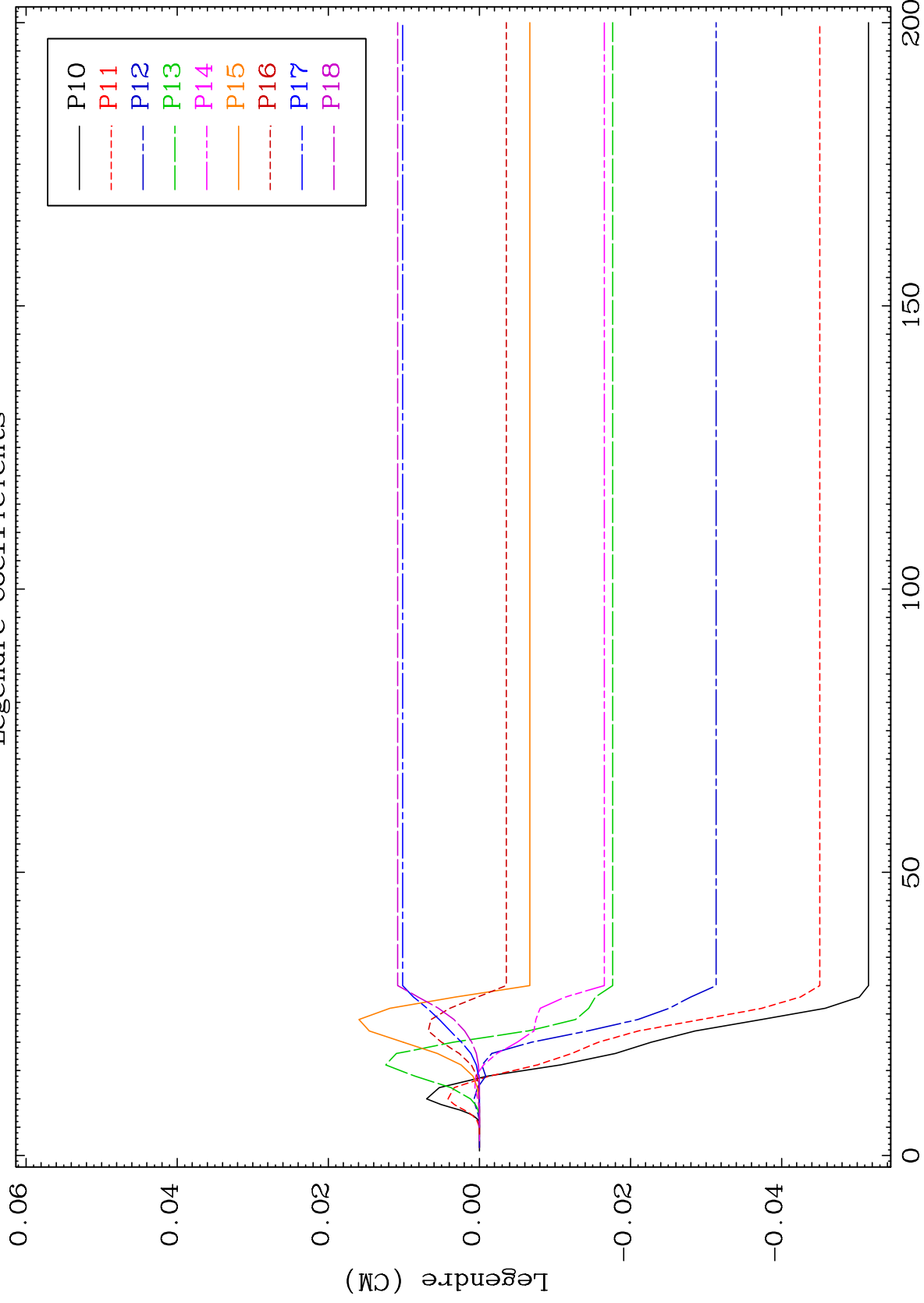
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



25

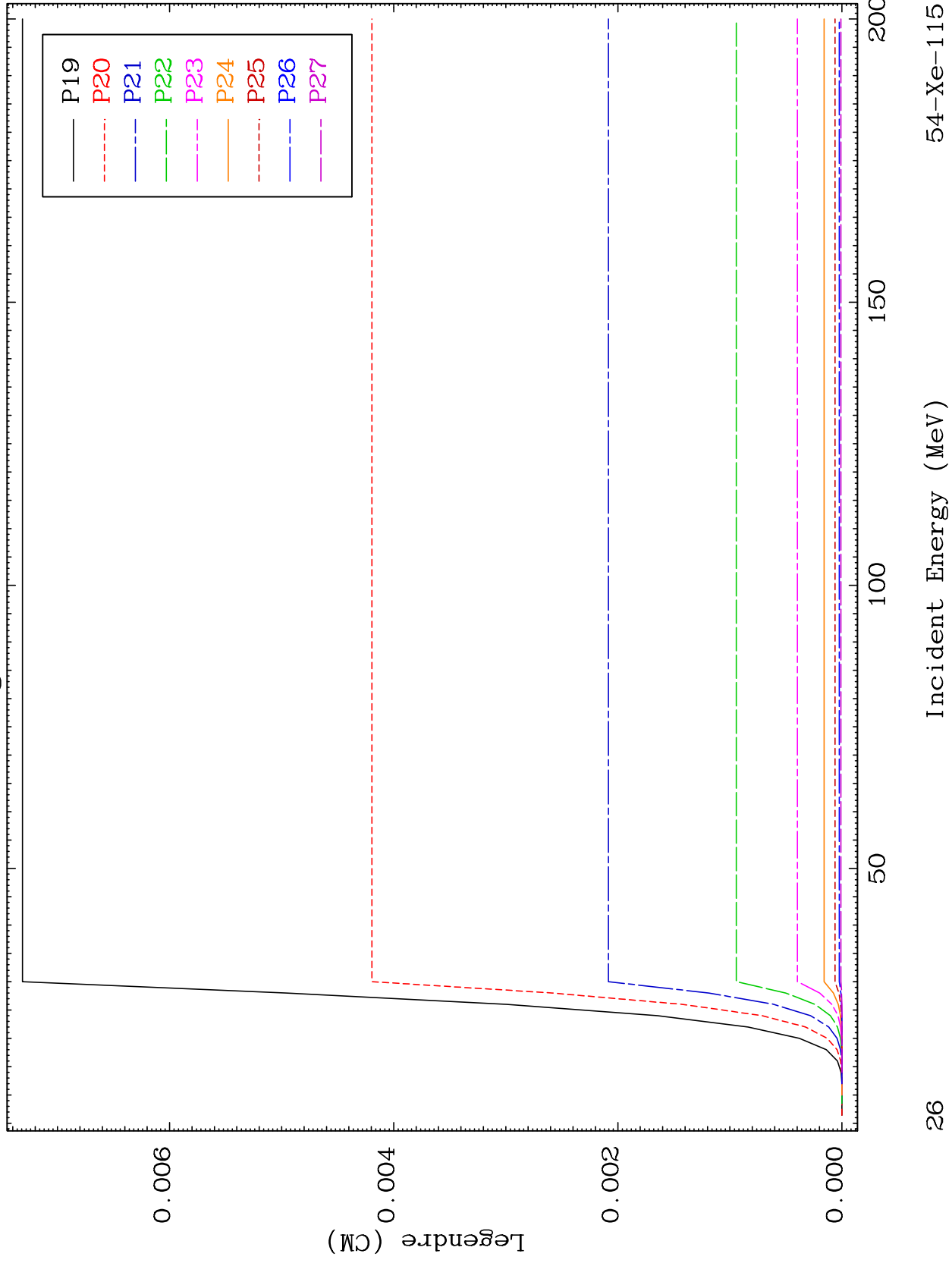
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



26

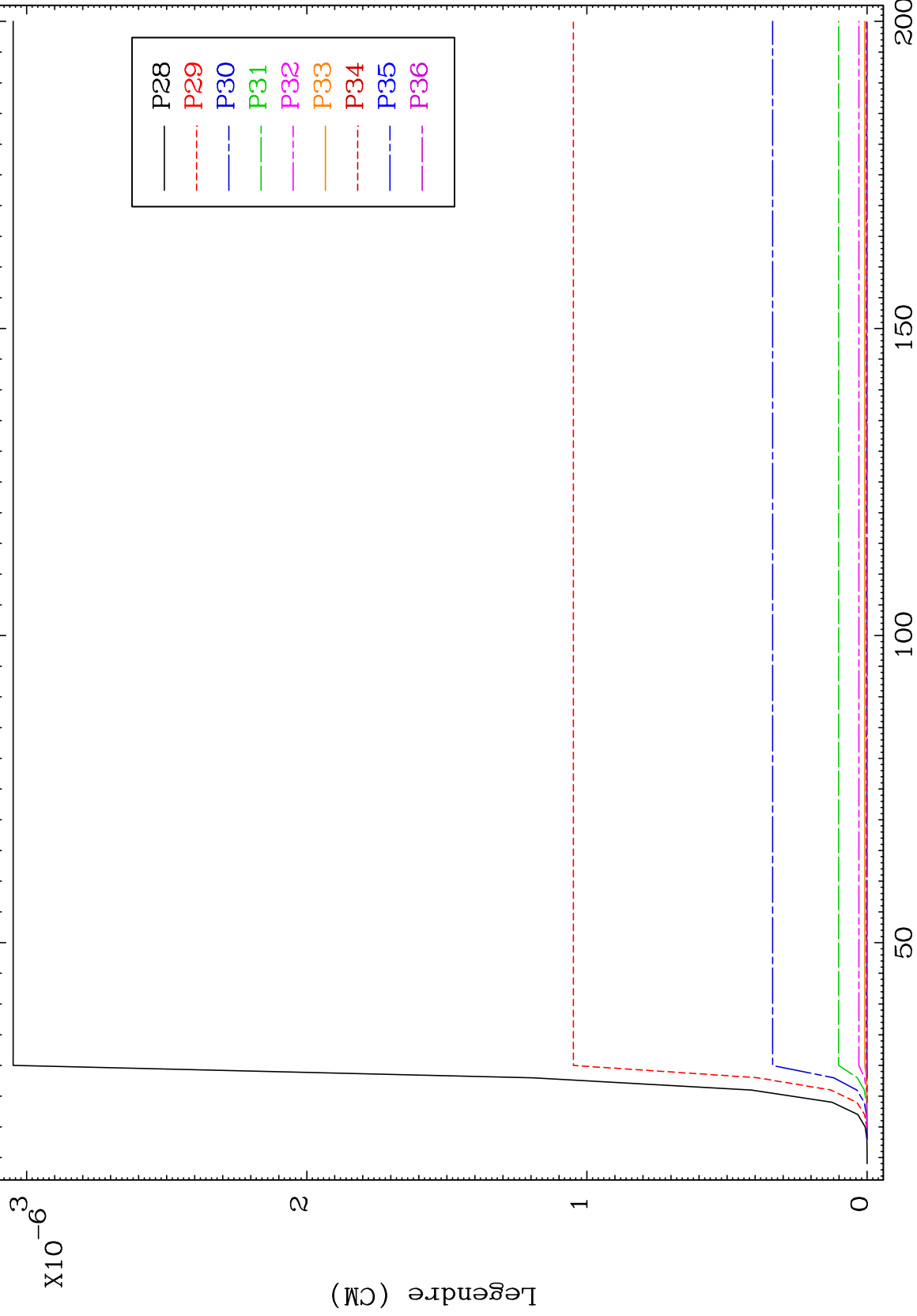
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



27

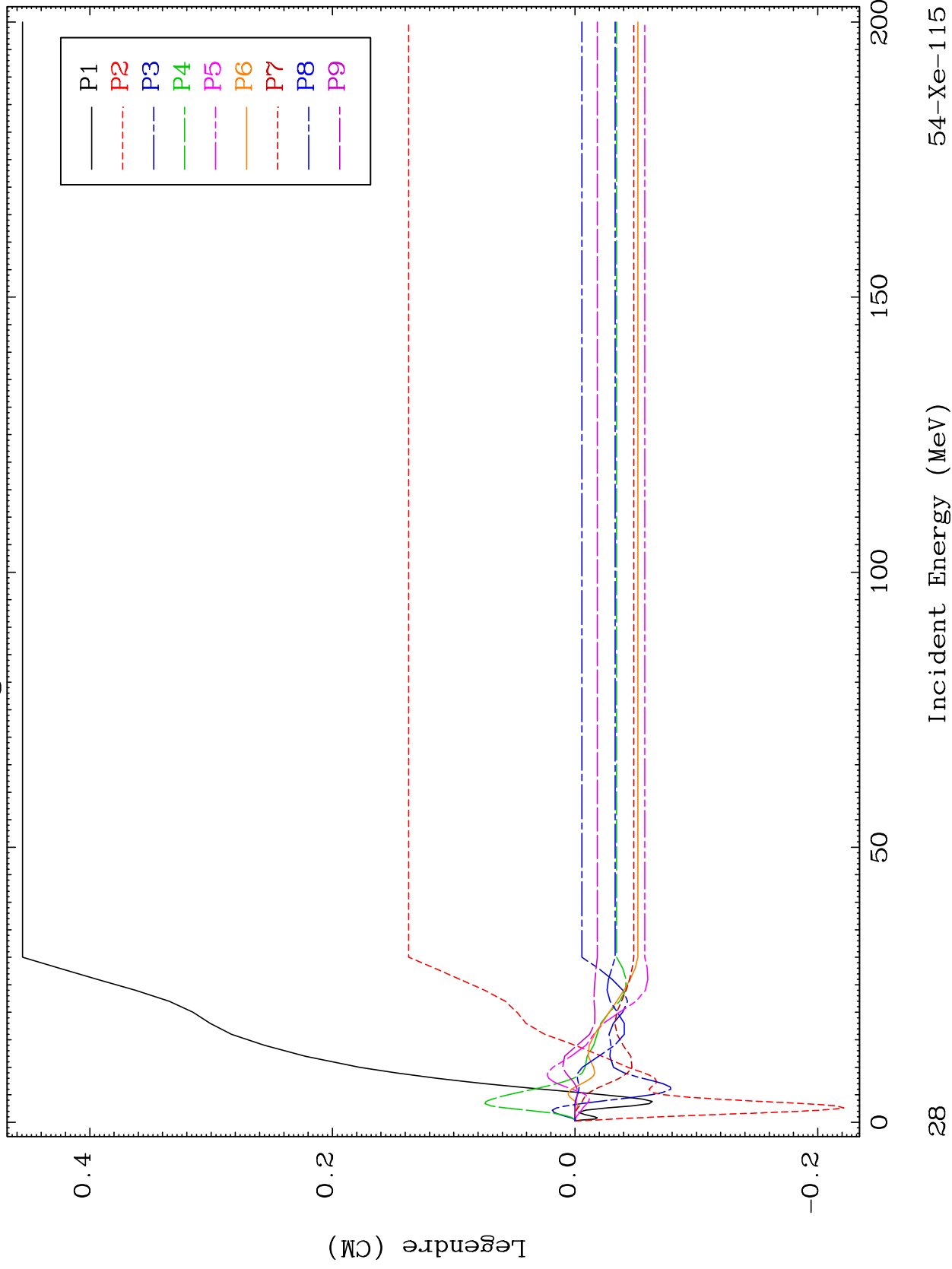
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

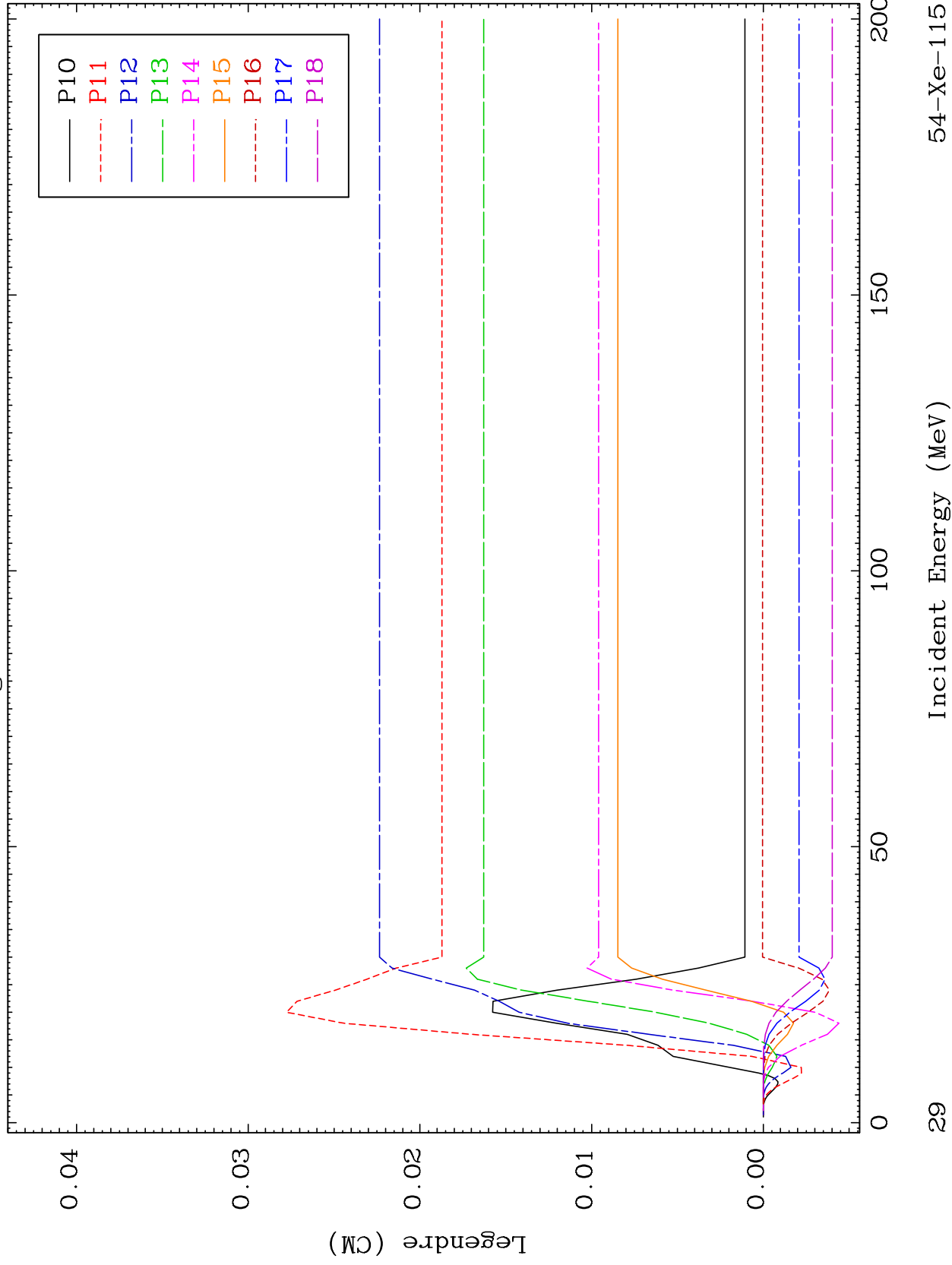
Incident Energy (MeV)

28

MAT 5398

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

54-Xe-115



29

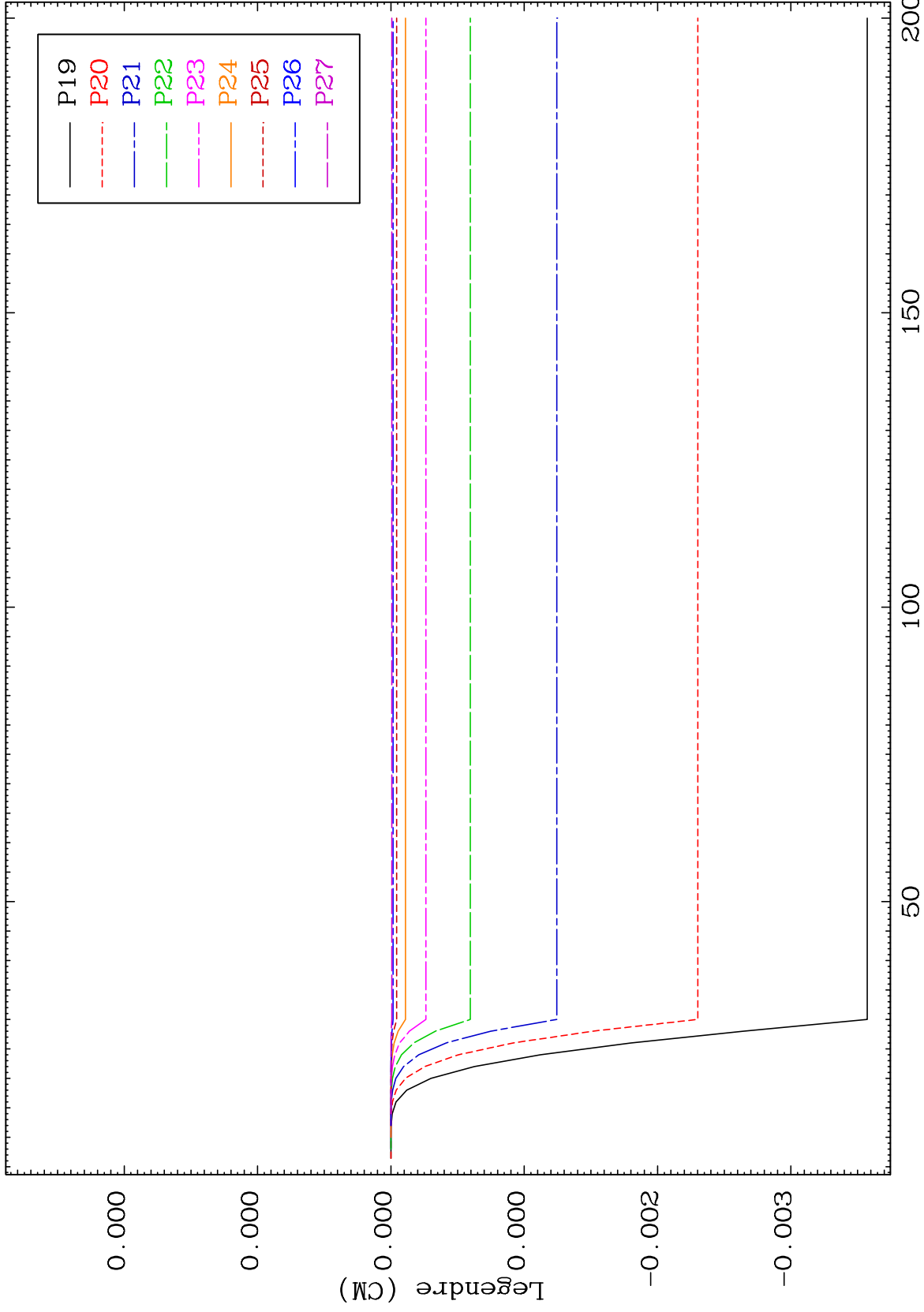
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



30

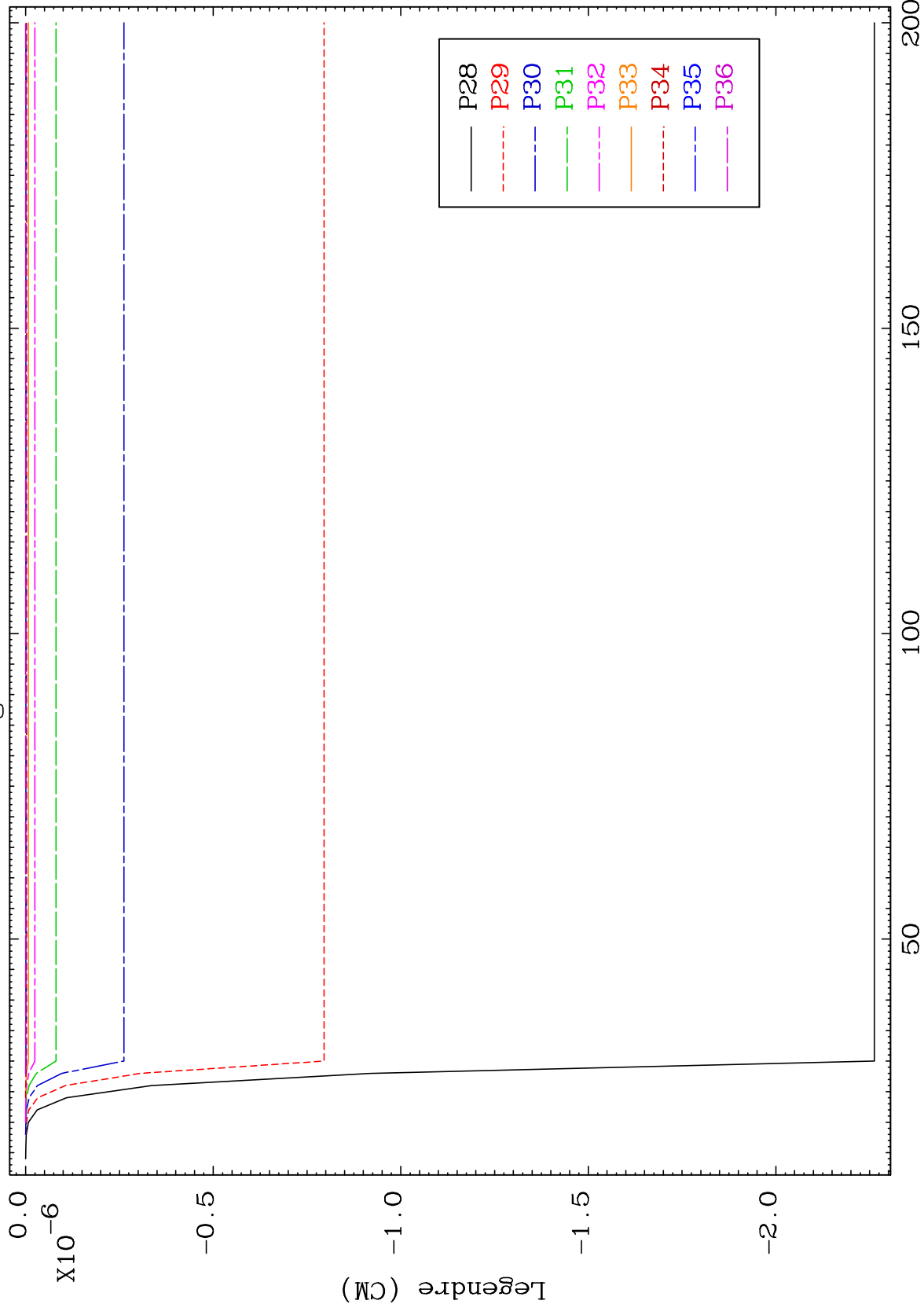
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

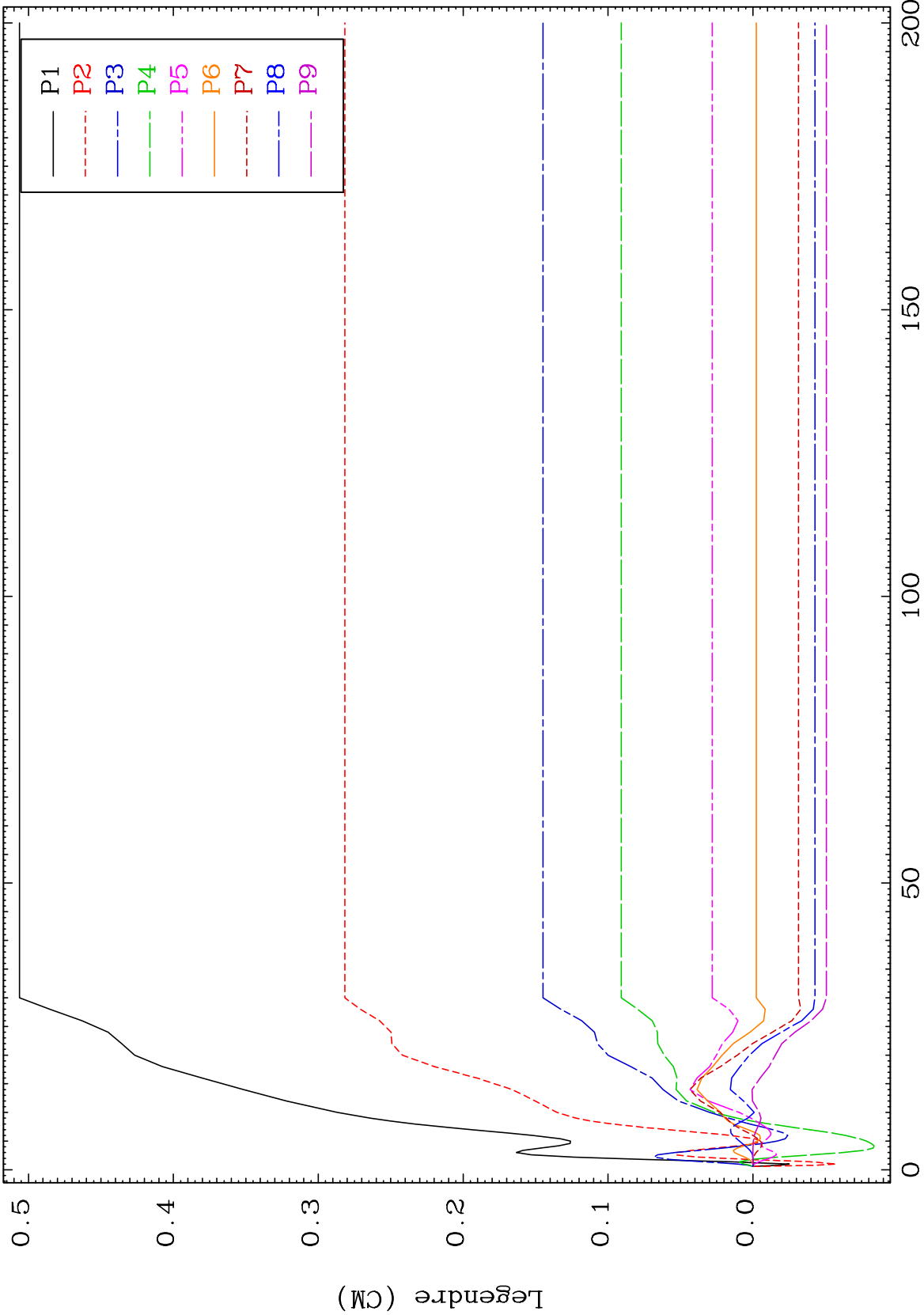
54-Xe-115



MAT 5398

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

54-Xe-115



32

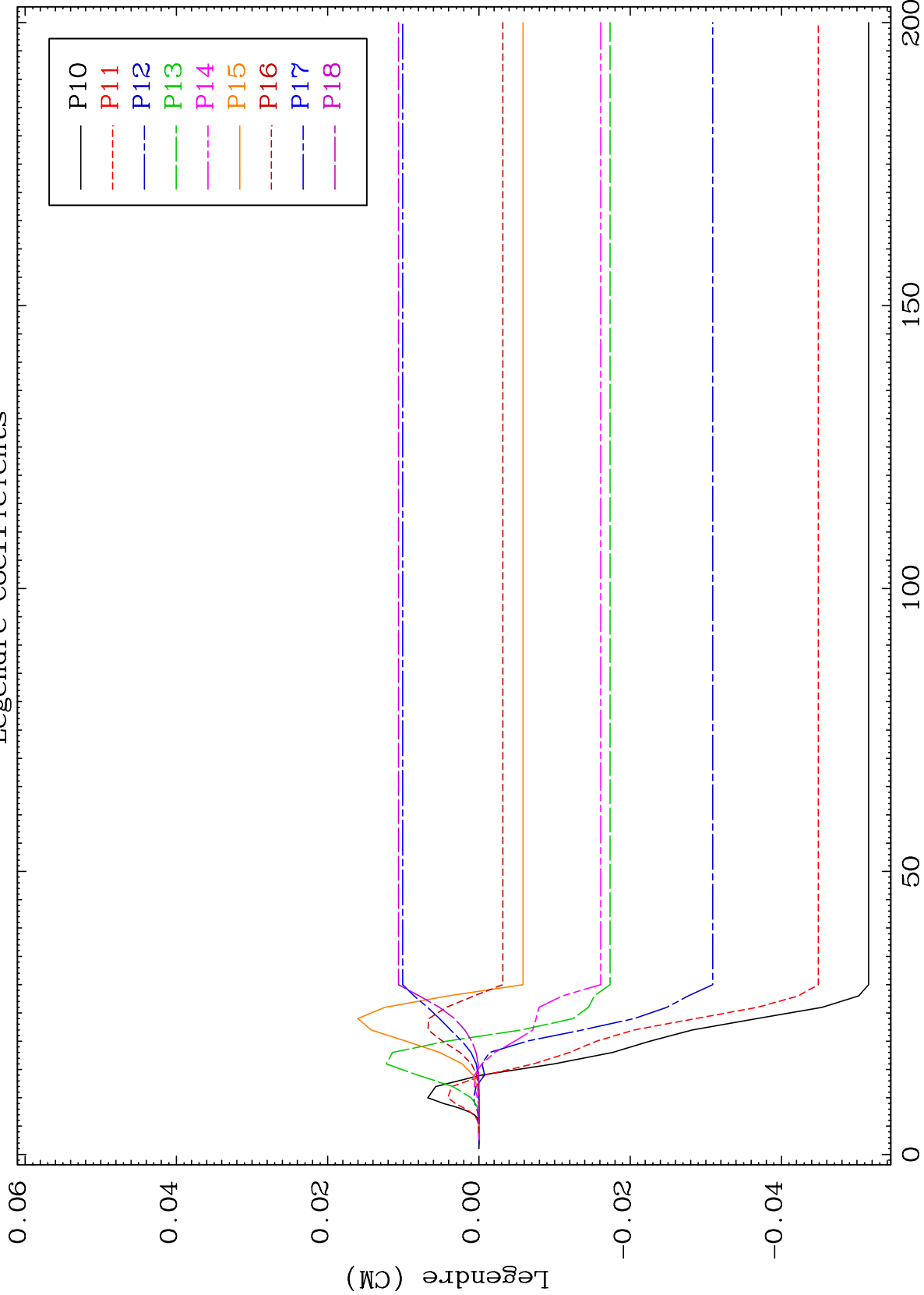
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



33

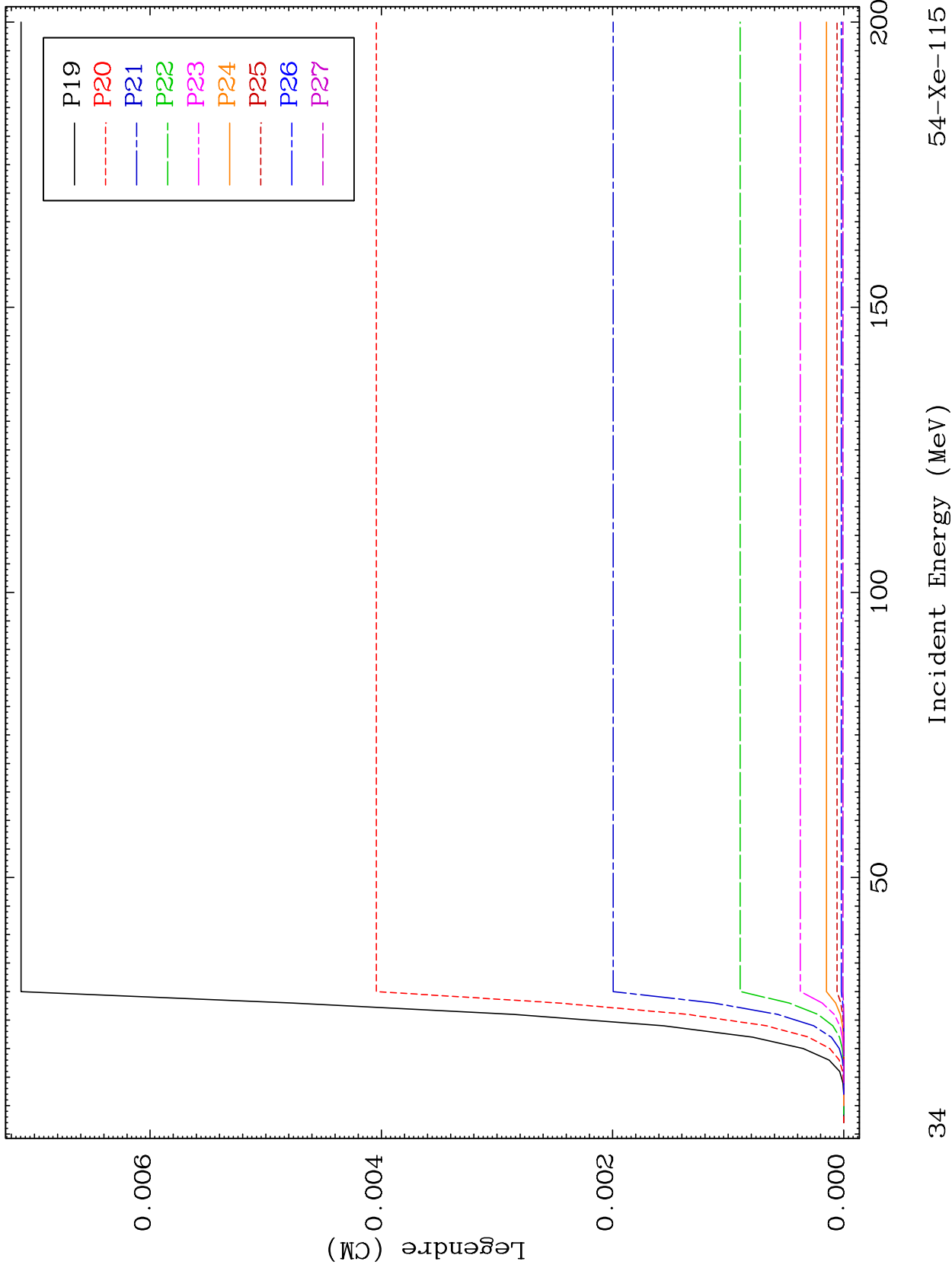
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



34

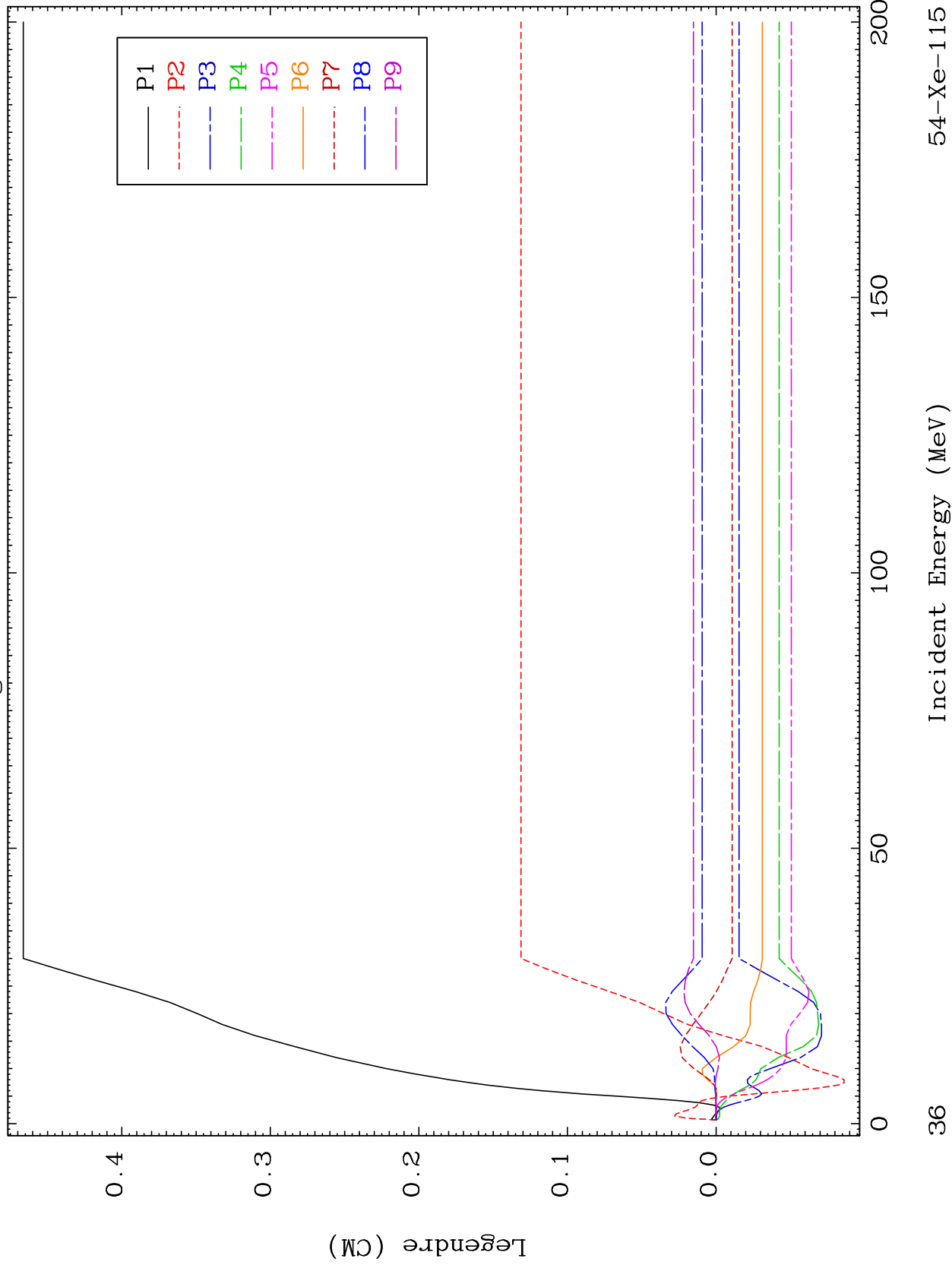
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

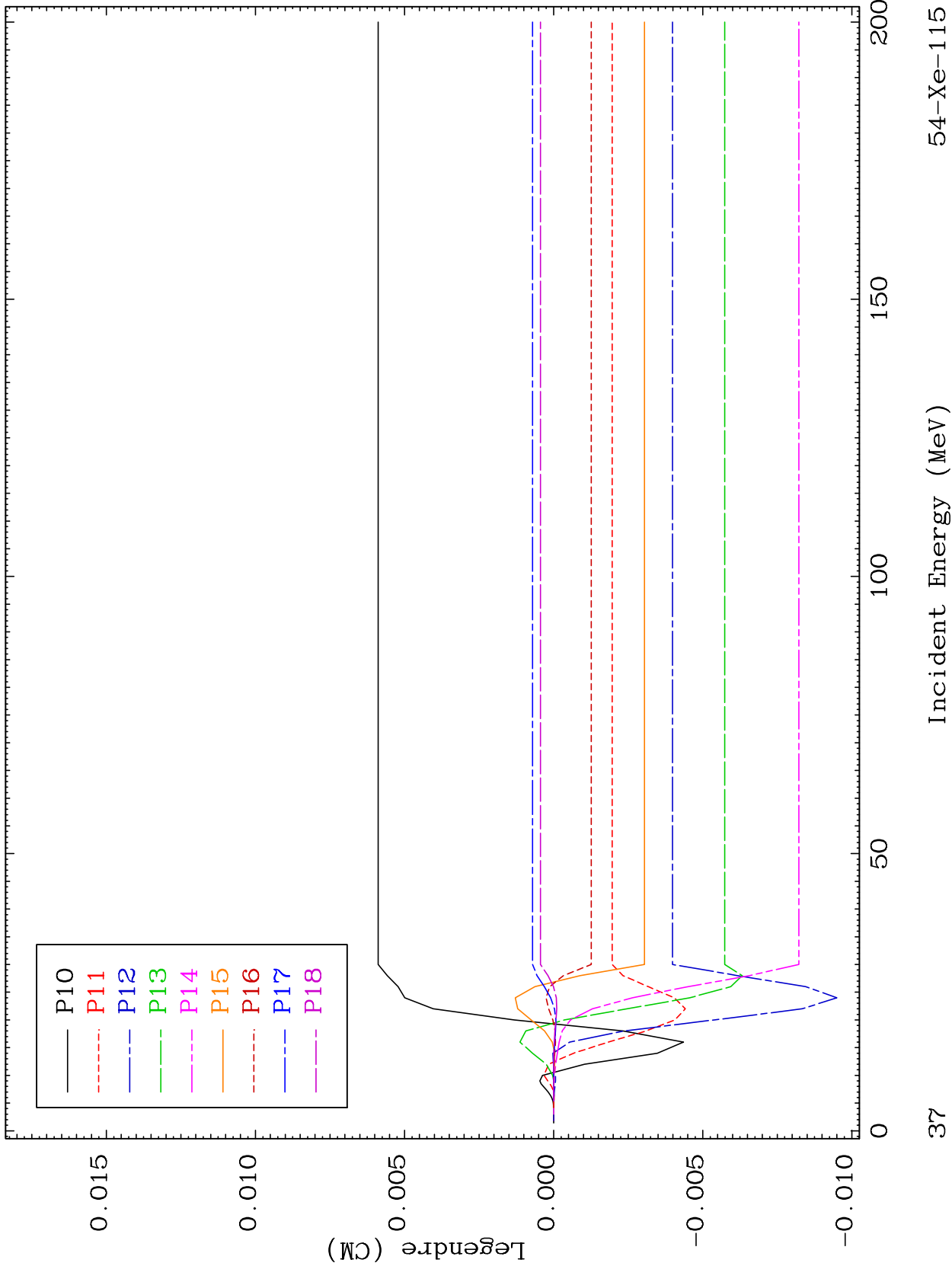
54-Xe-115



MAT 5398

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

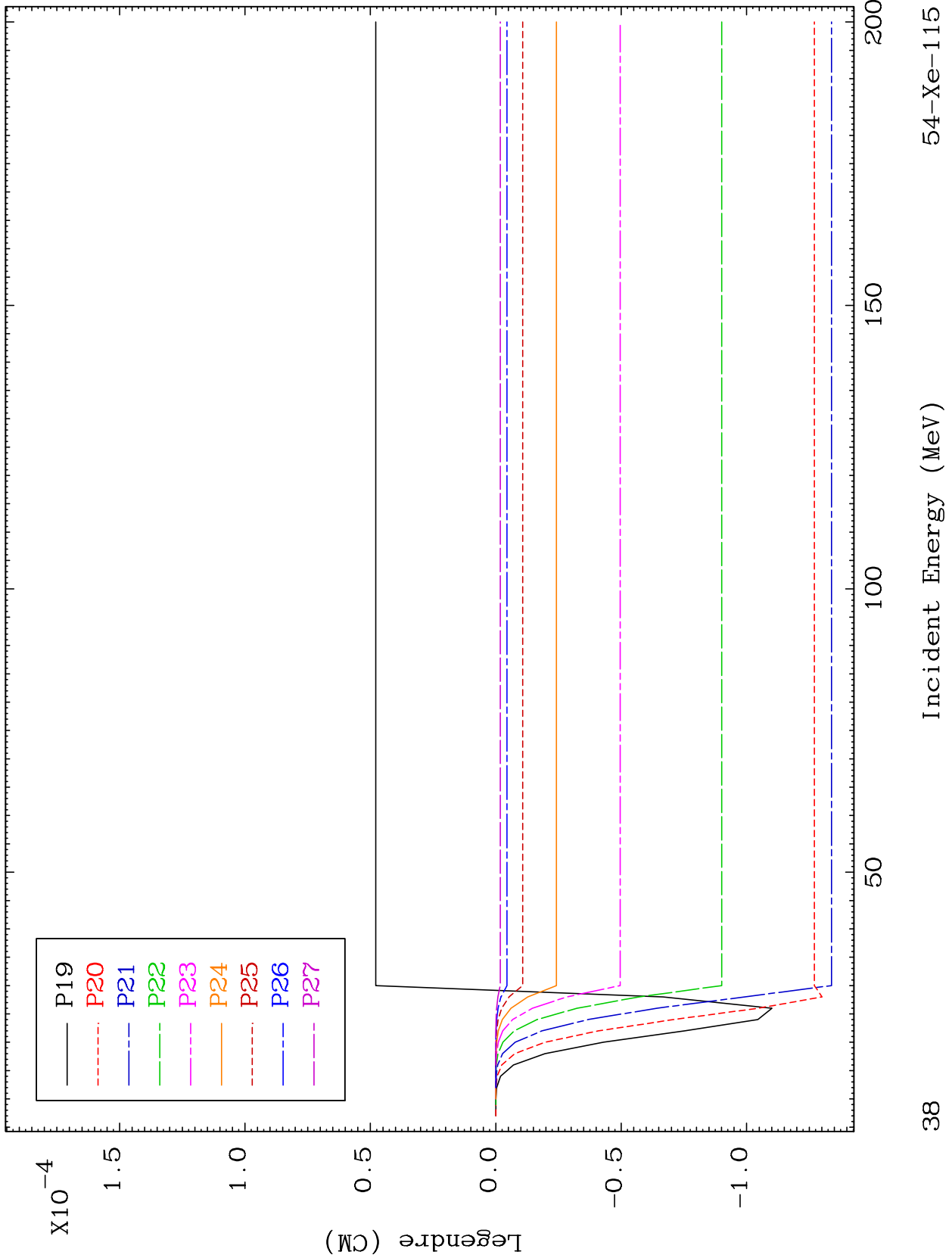
54-Xe-115



37

Incident Energy (MeV)

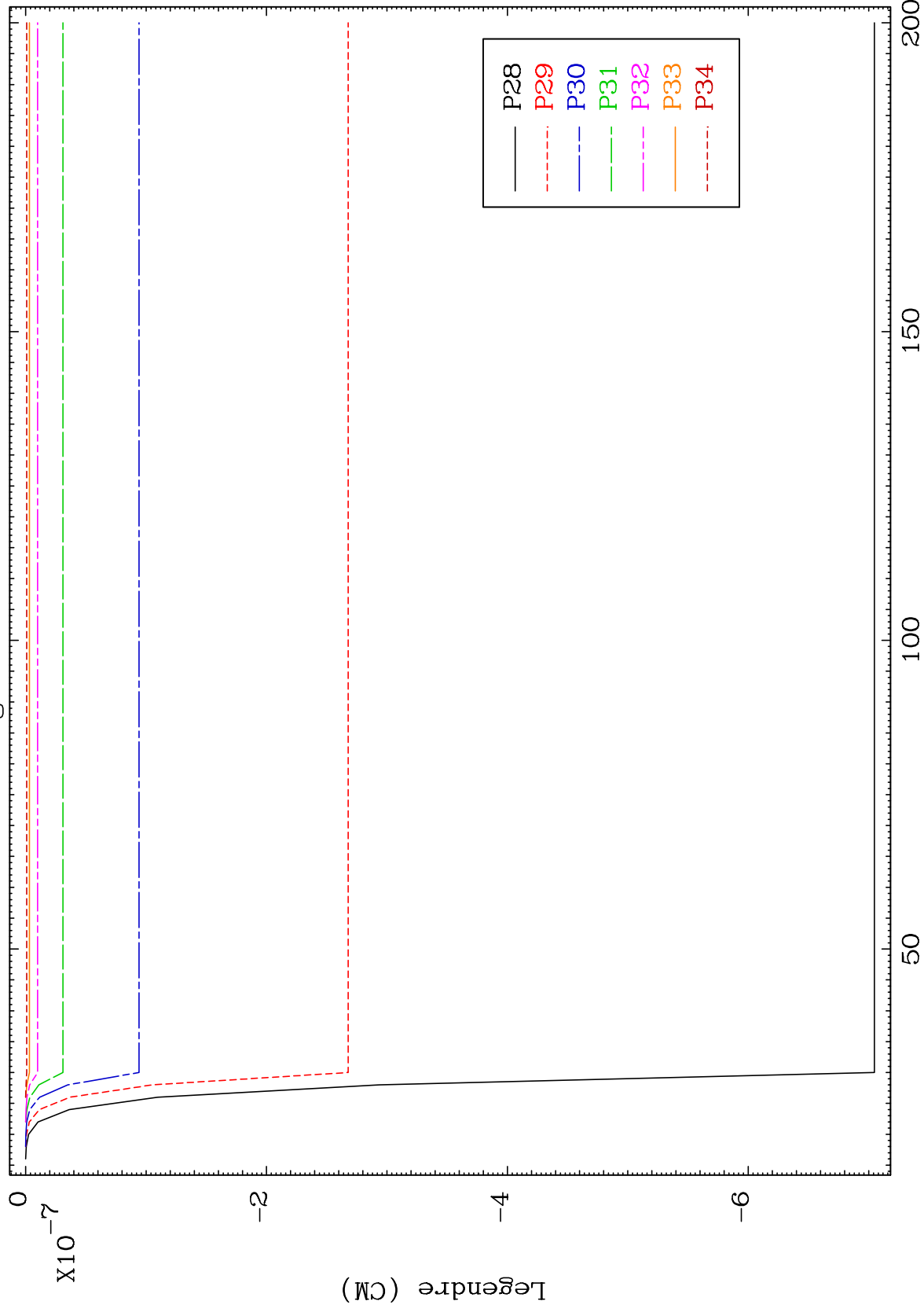
54-Xe-115



MAT 5398

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

54-Xe-115



39

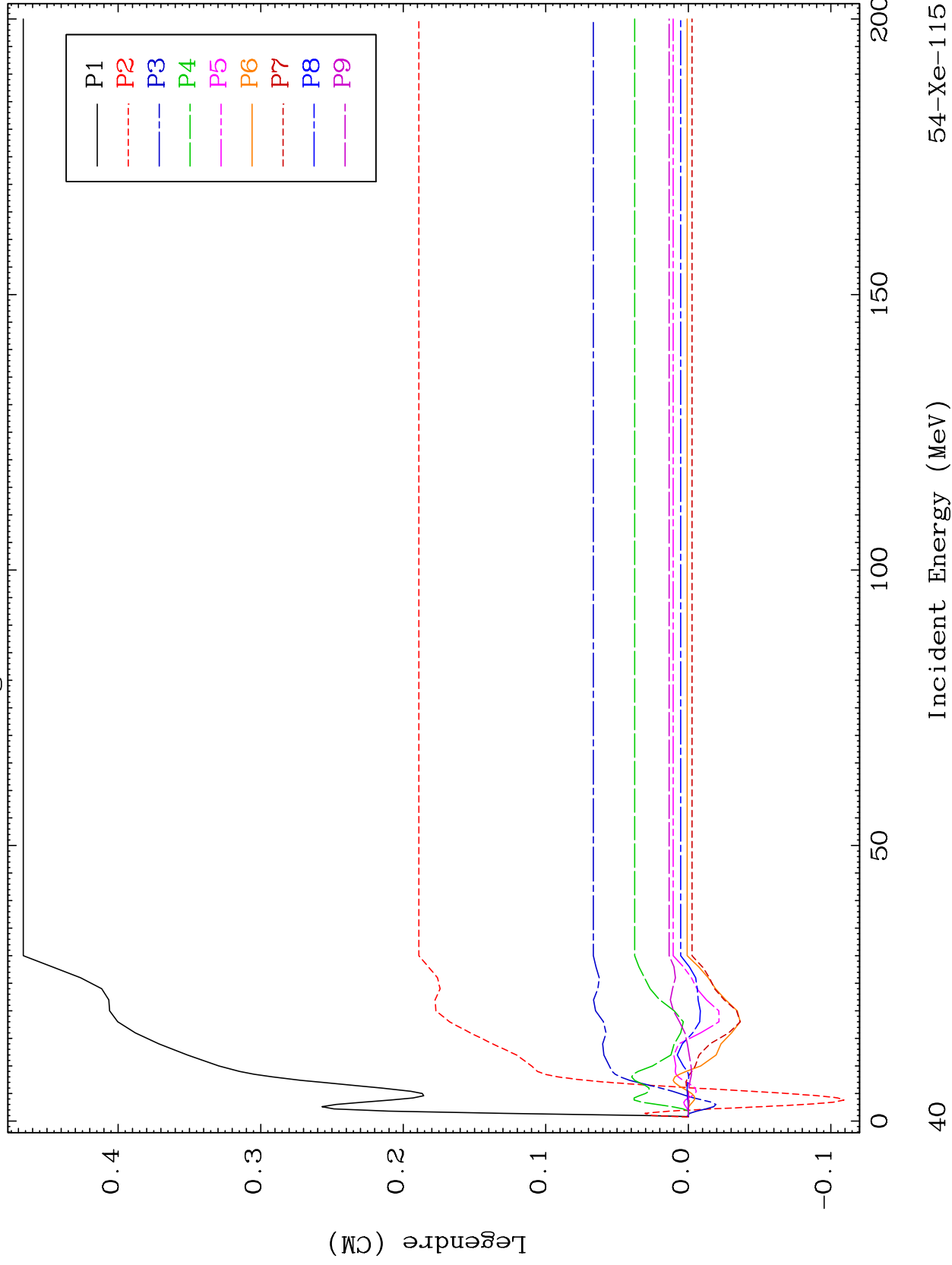
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

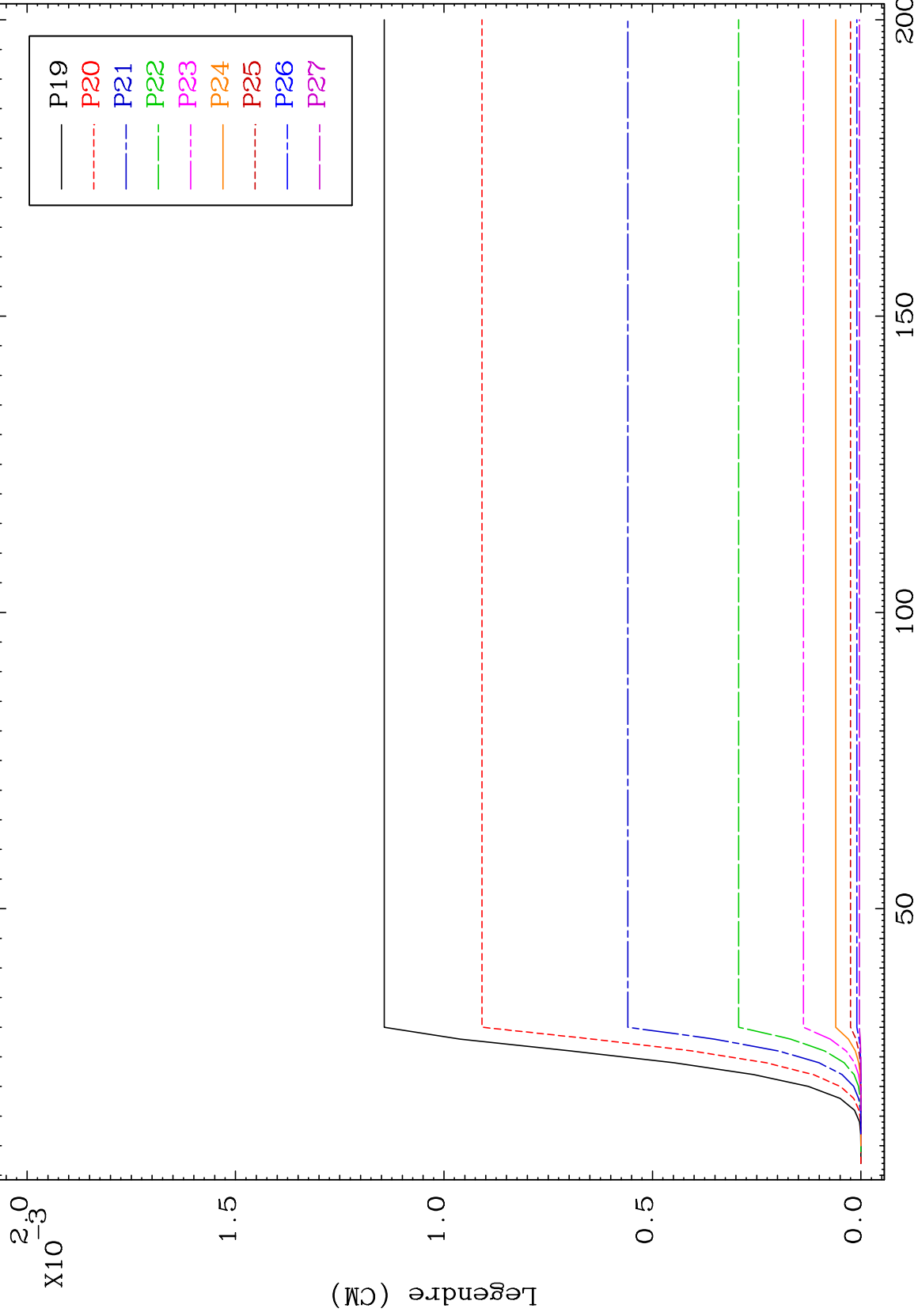
Incident Energy (MeV)

40

MAT 5398

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

54-Xe-115



42

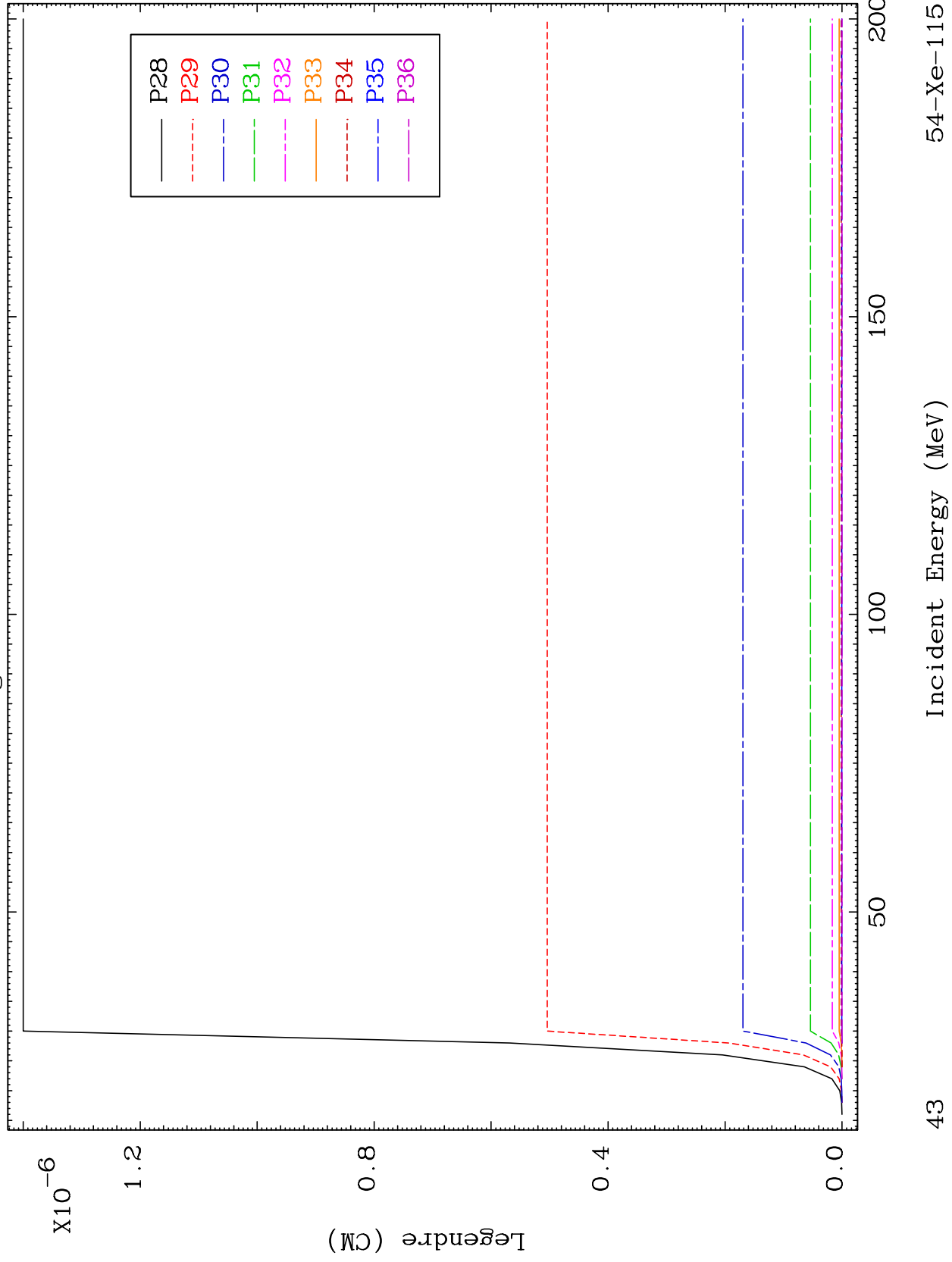
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



43

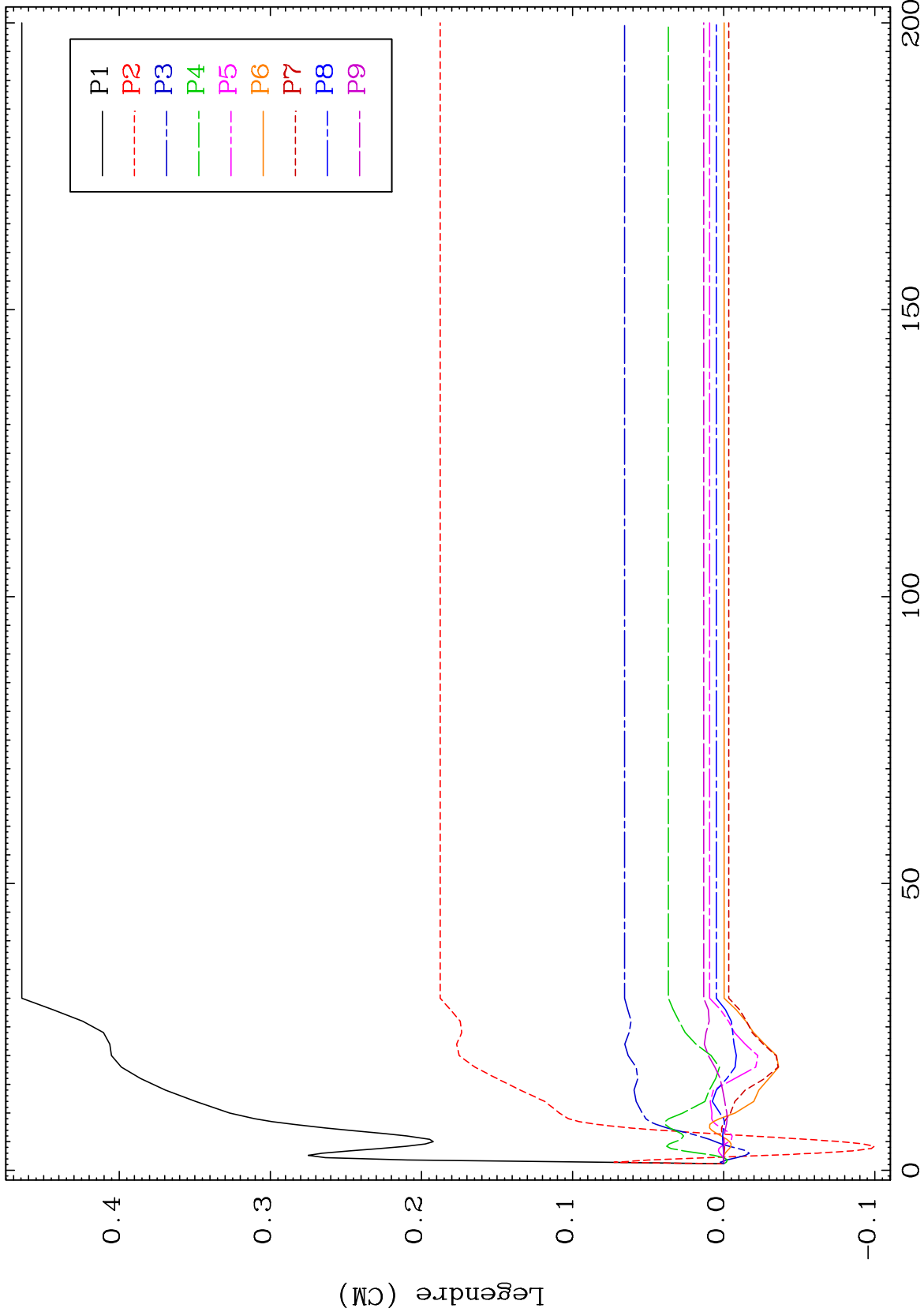
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



44

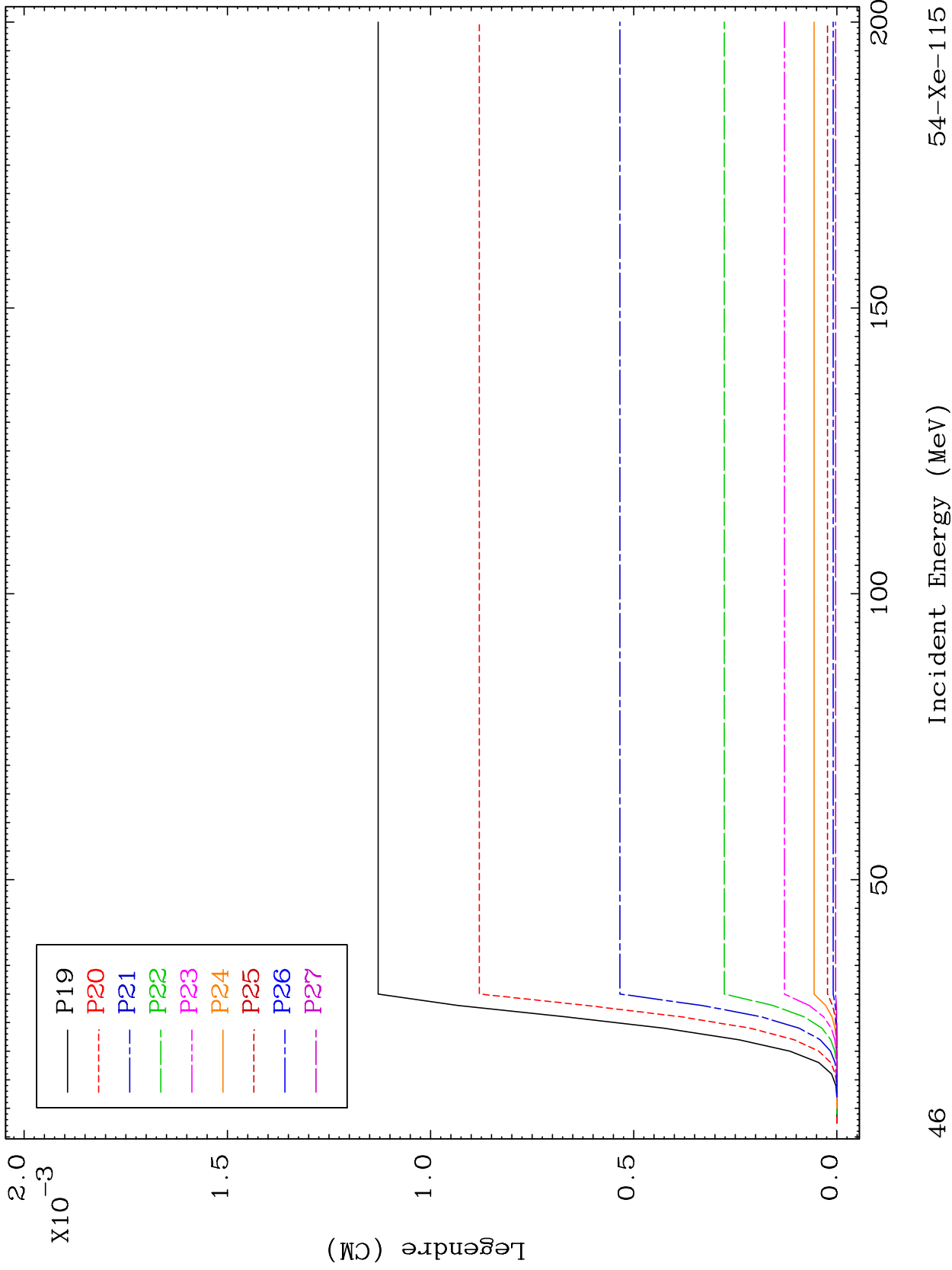
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

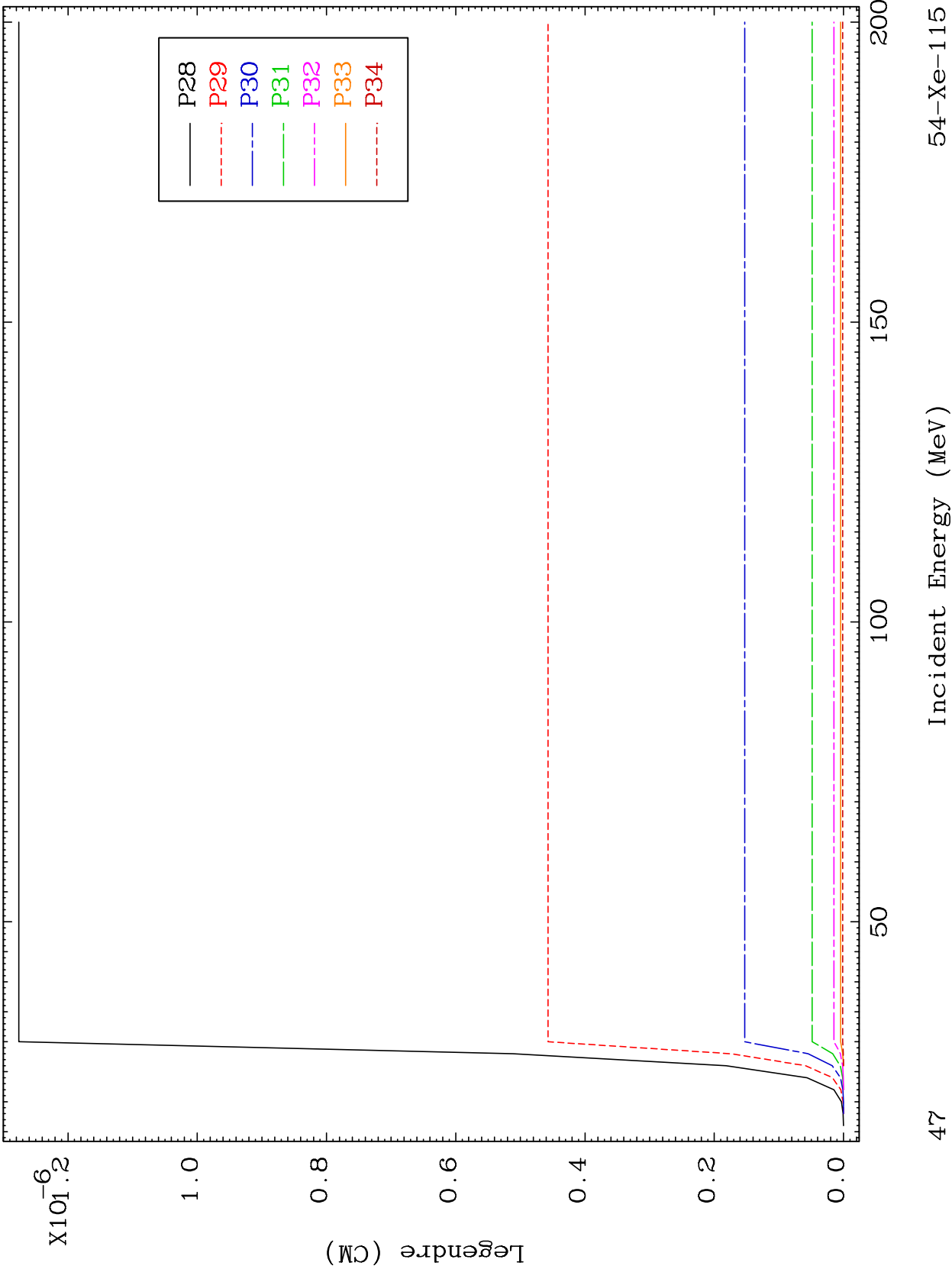
54-Xe-115



MAT 5398

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

54-Xe-115



47

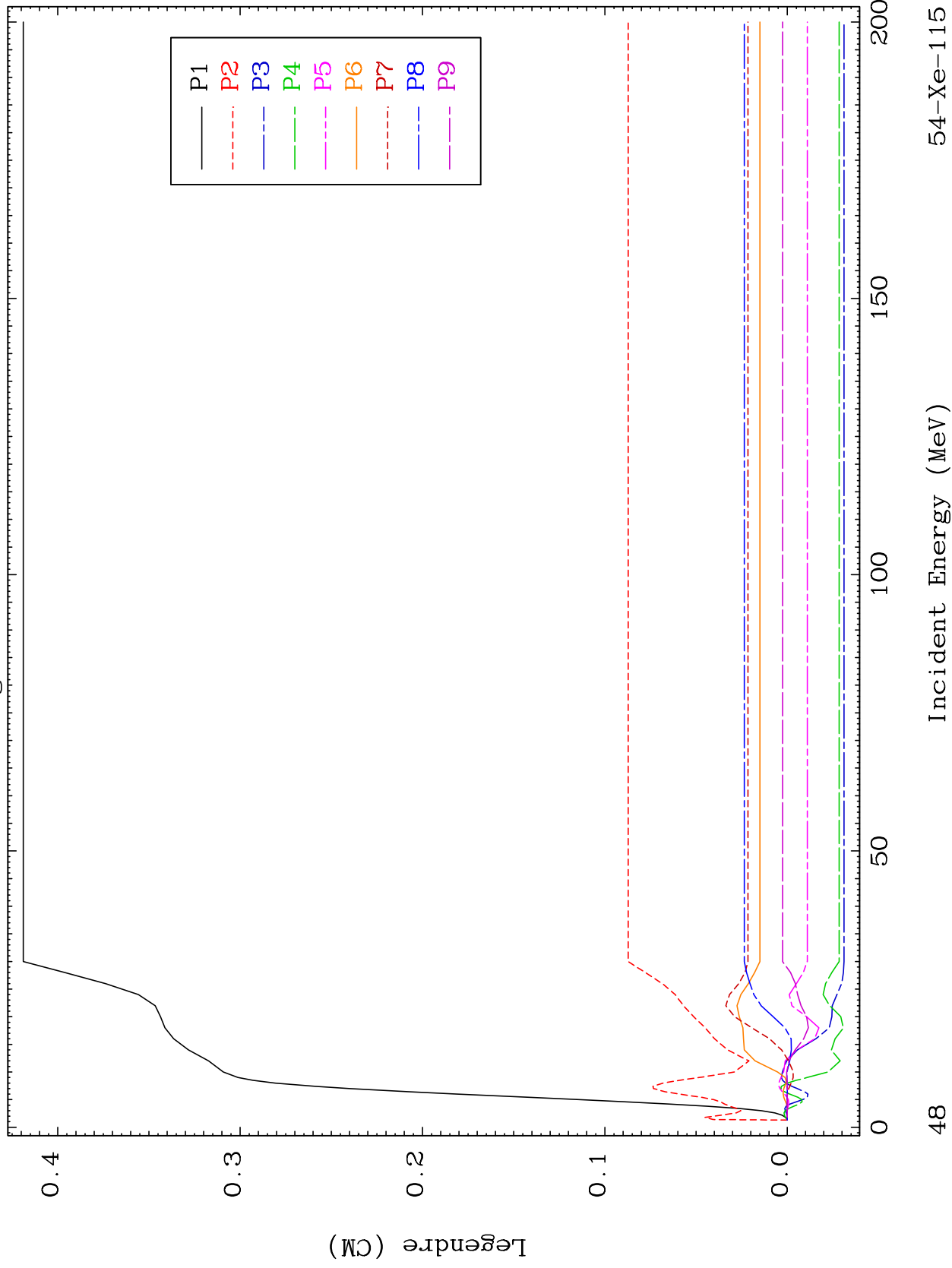
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

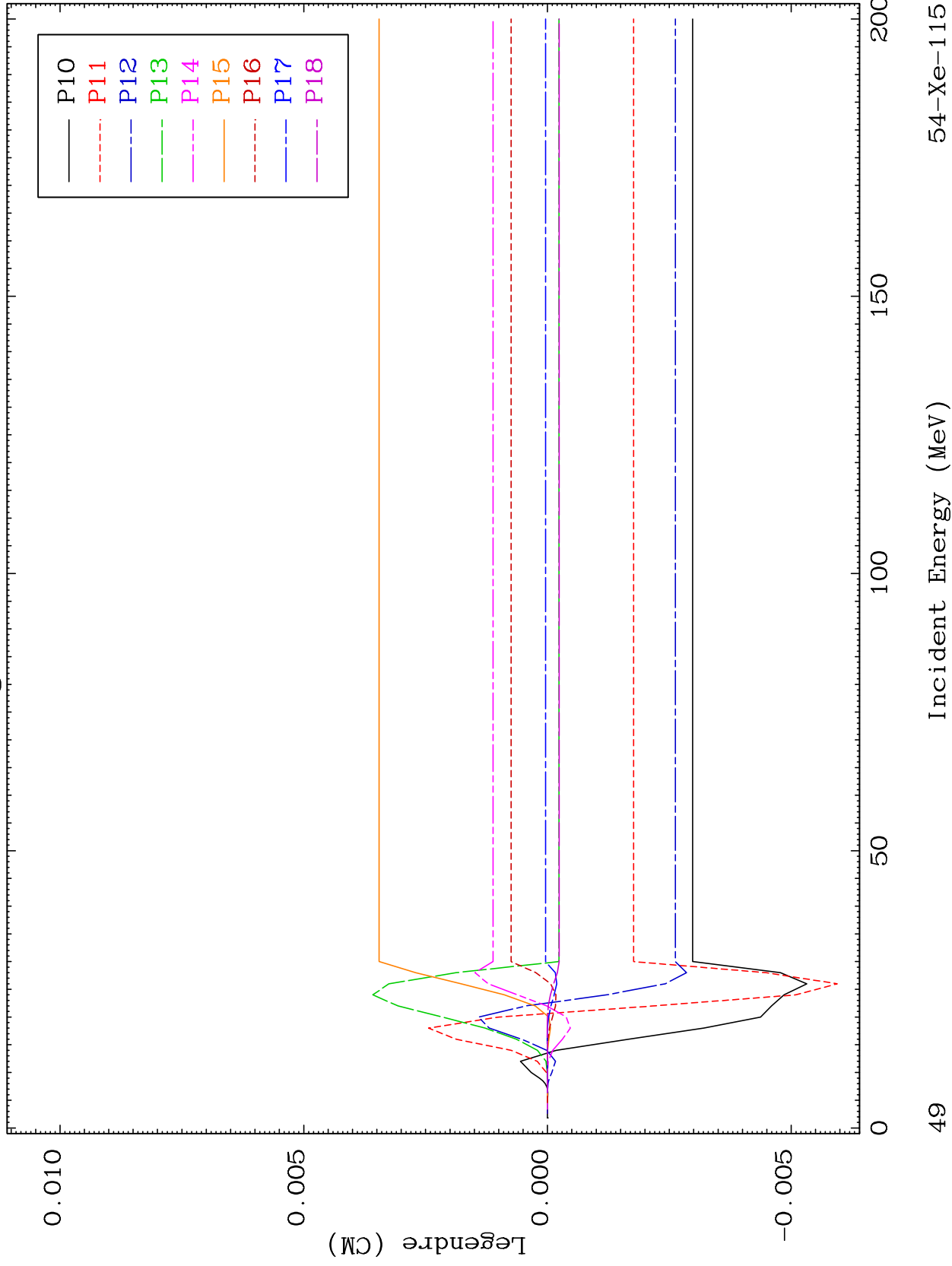
Incident Energy (MeV)

48

MAT 5398

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

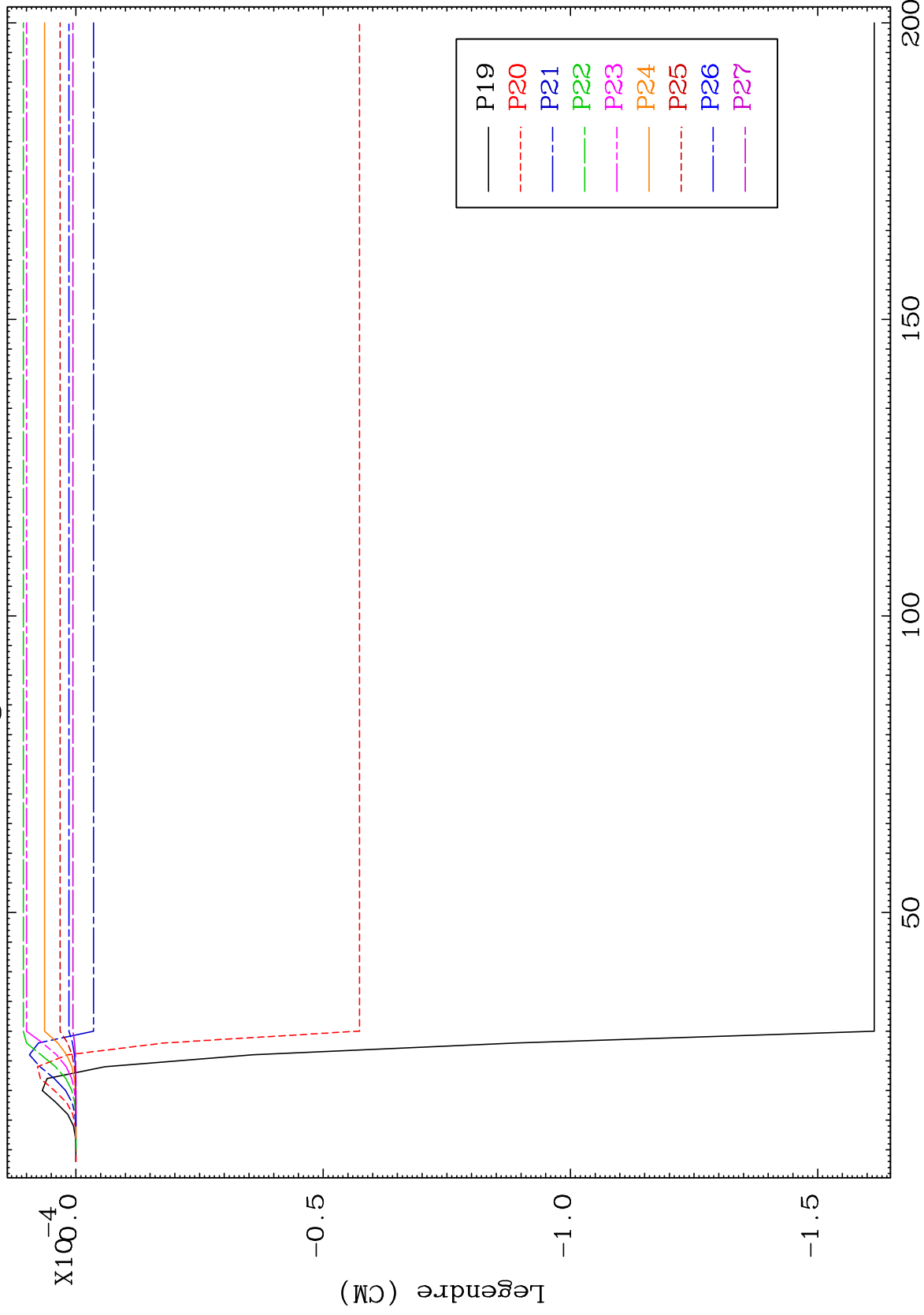
54-Xe-115



MAT 5398

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

54-Xe-115



50

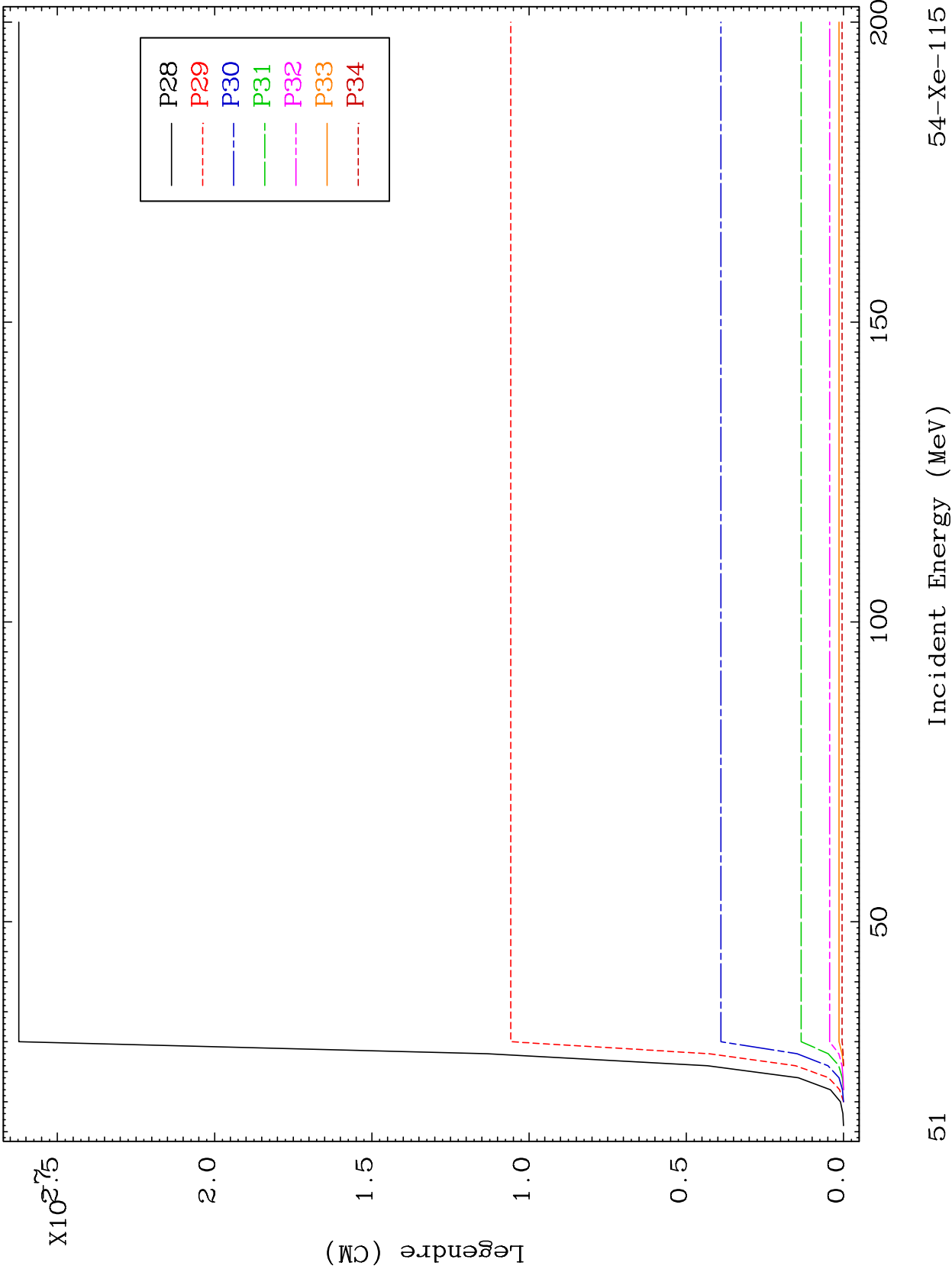
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



51

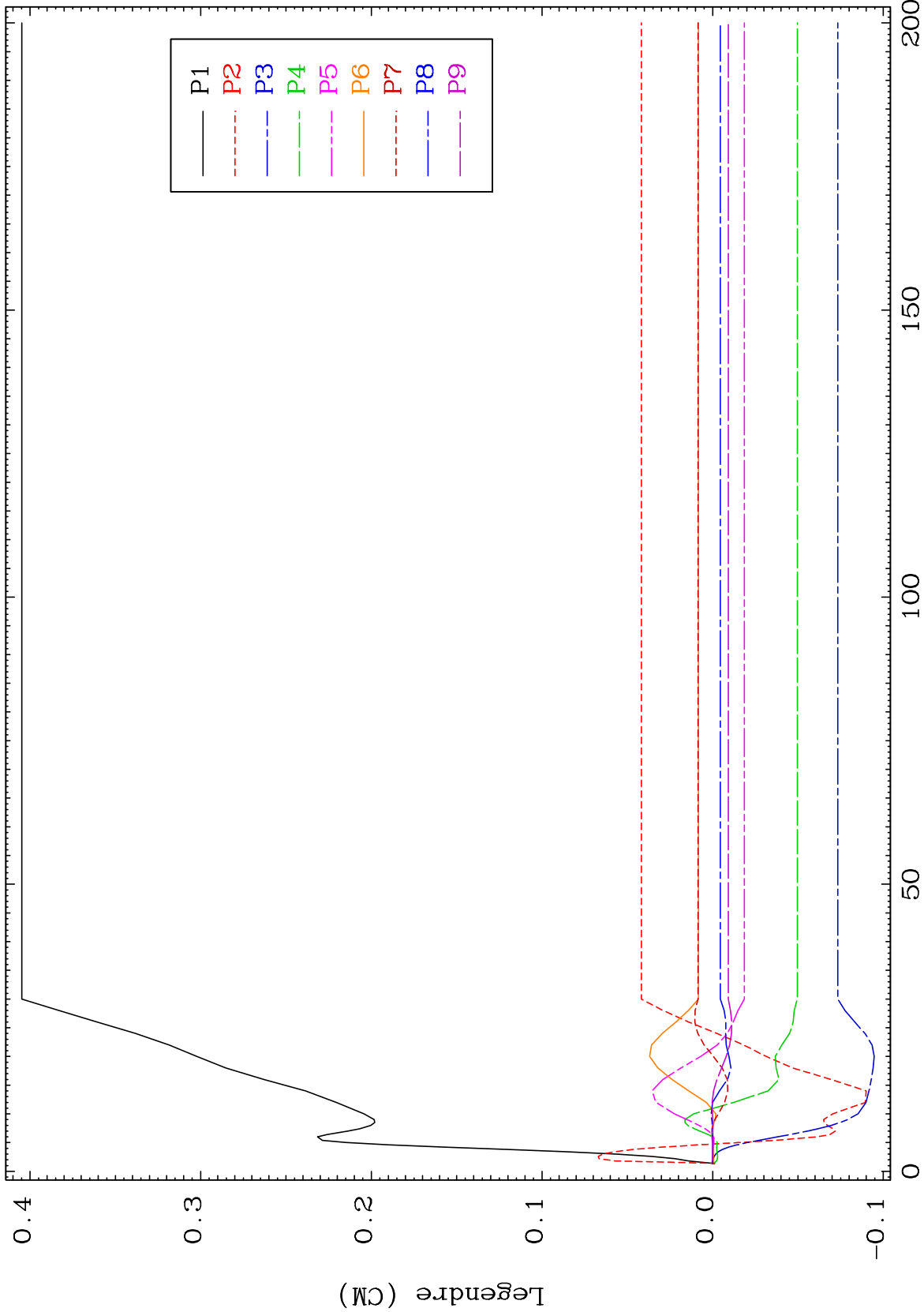
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



52

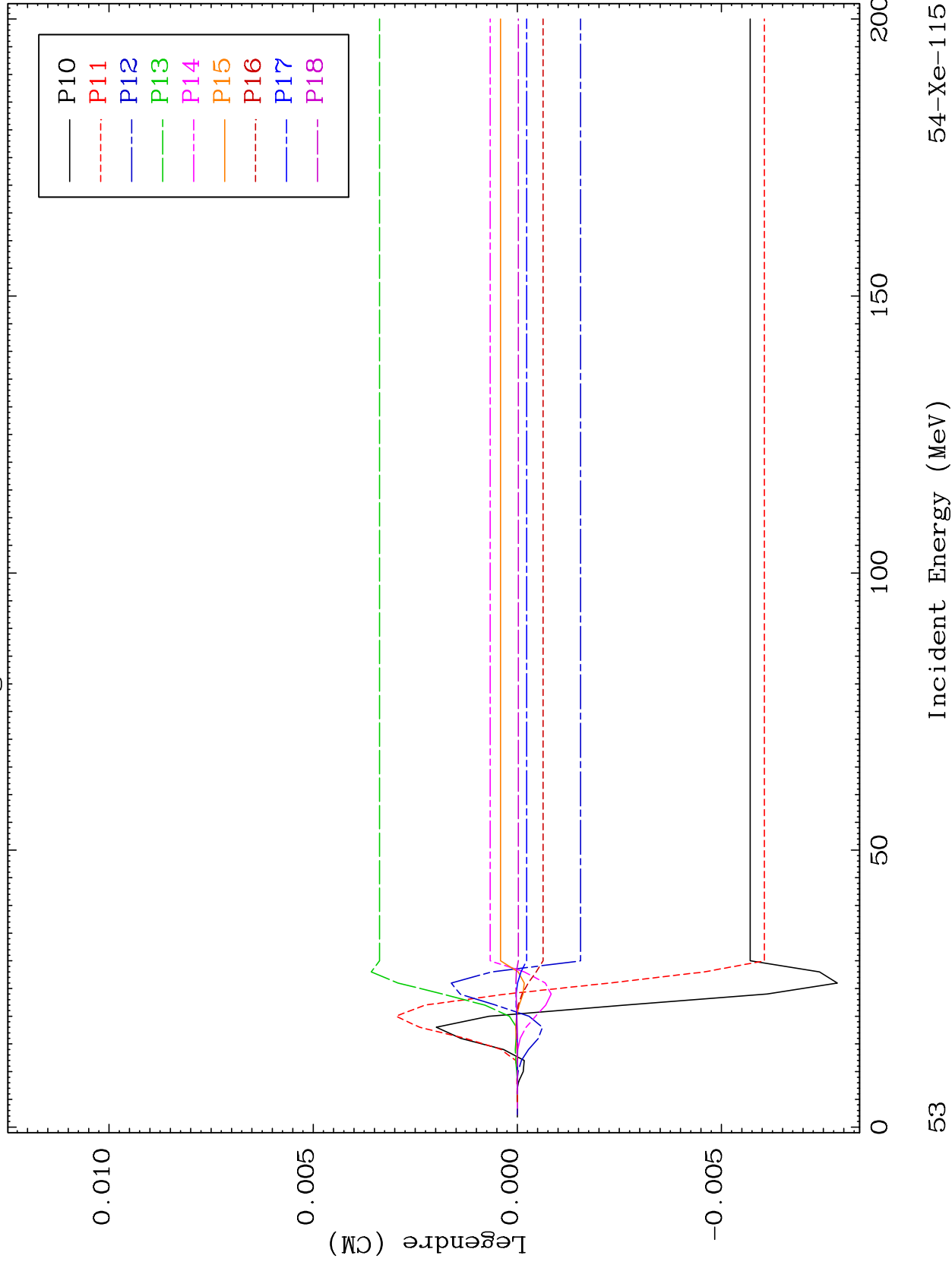
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



53

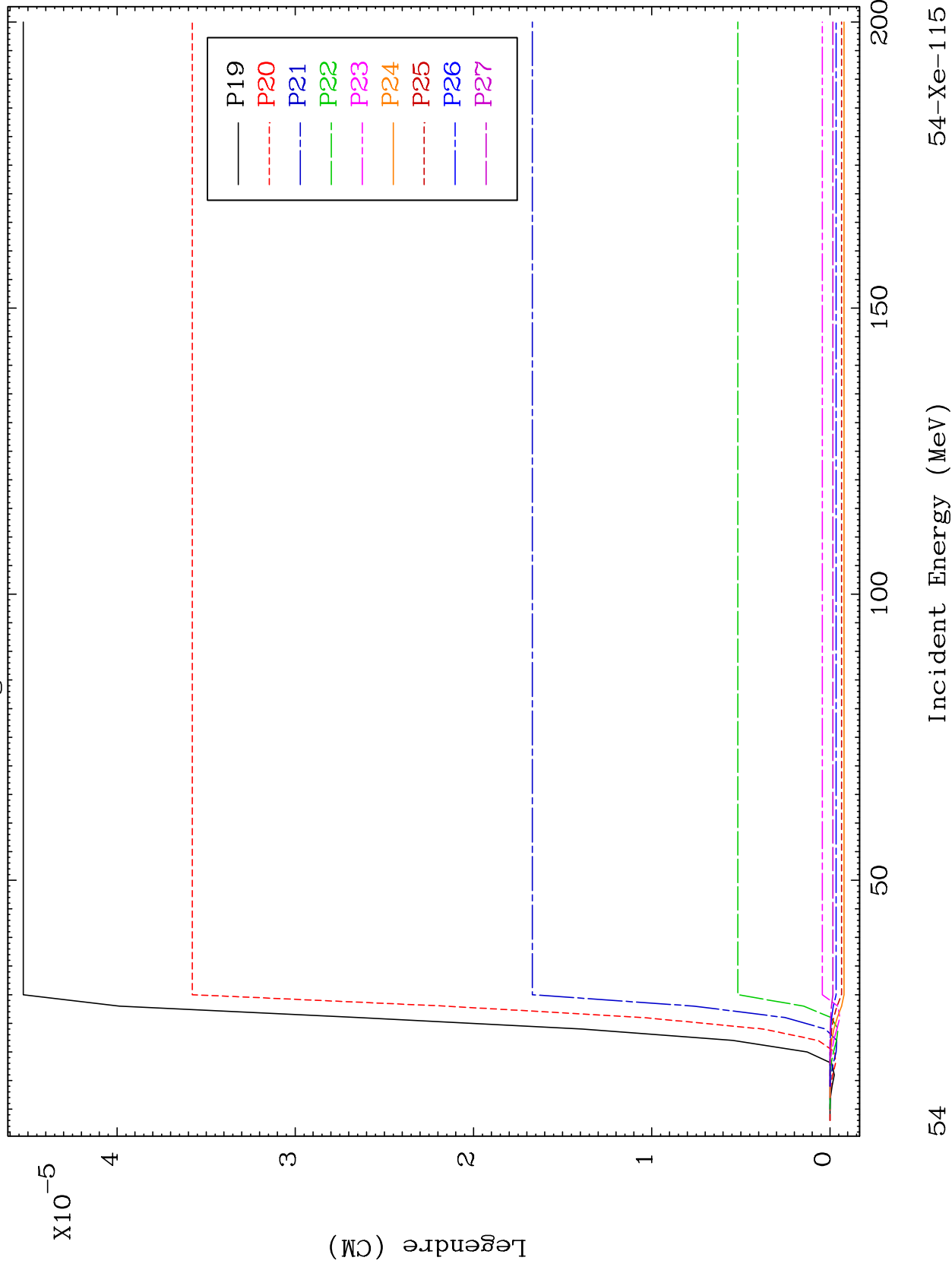
Incident Energy (MeV)

54-Xe-115

MAT 5398

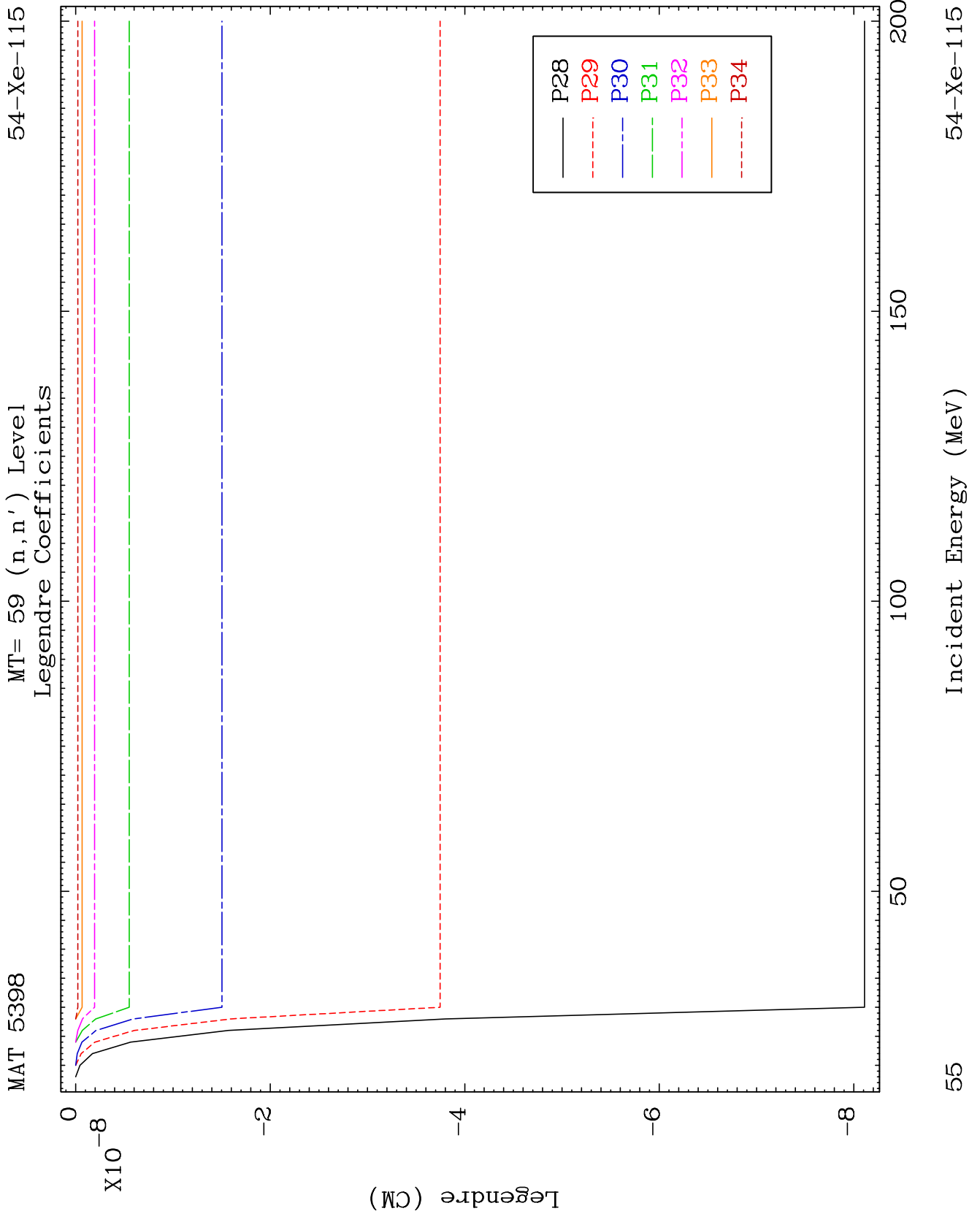
MT= 59 (n,n') Level
Legendre Coefficients

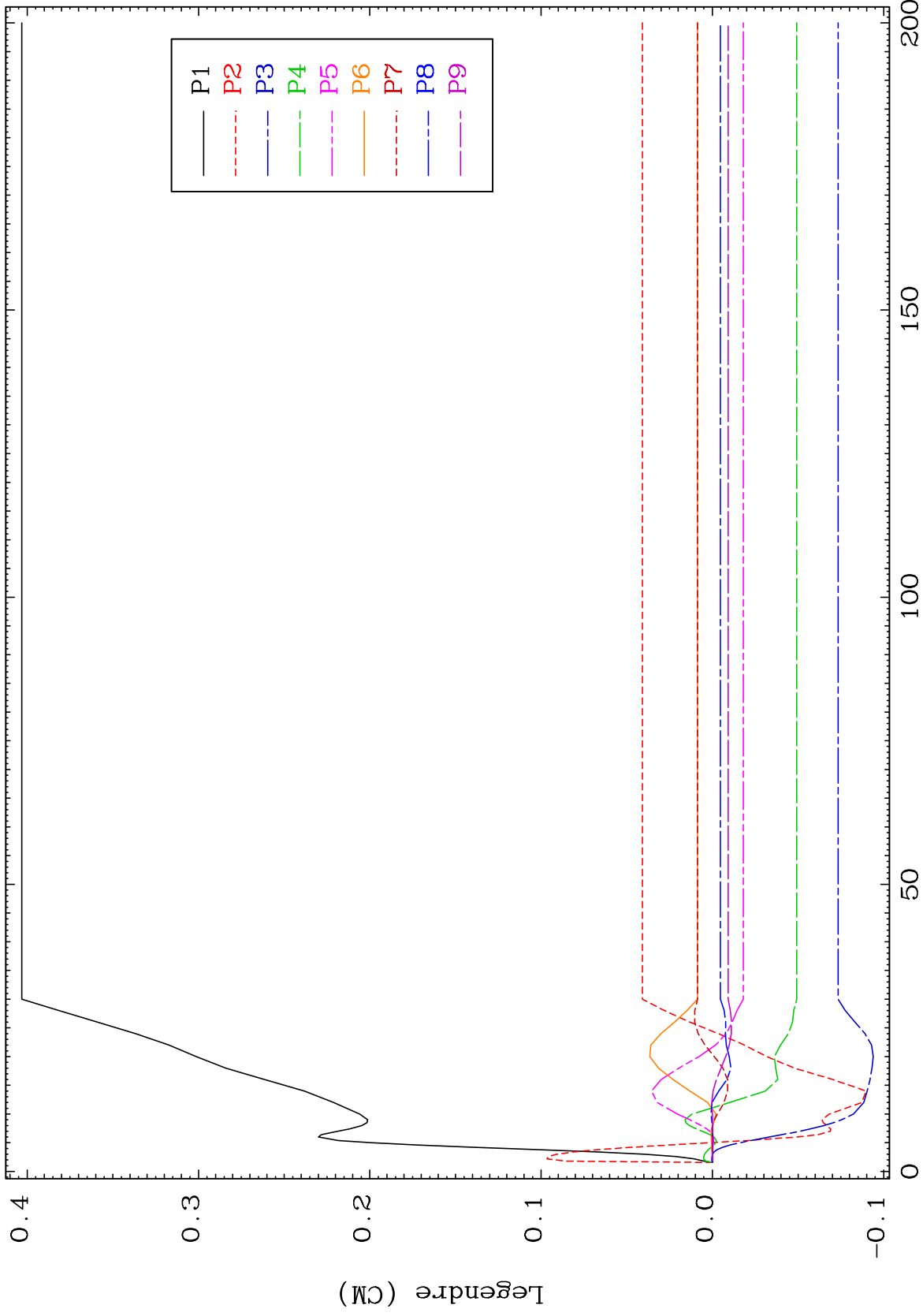
54-Xe-115



54

54-Xe-115

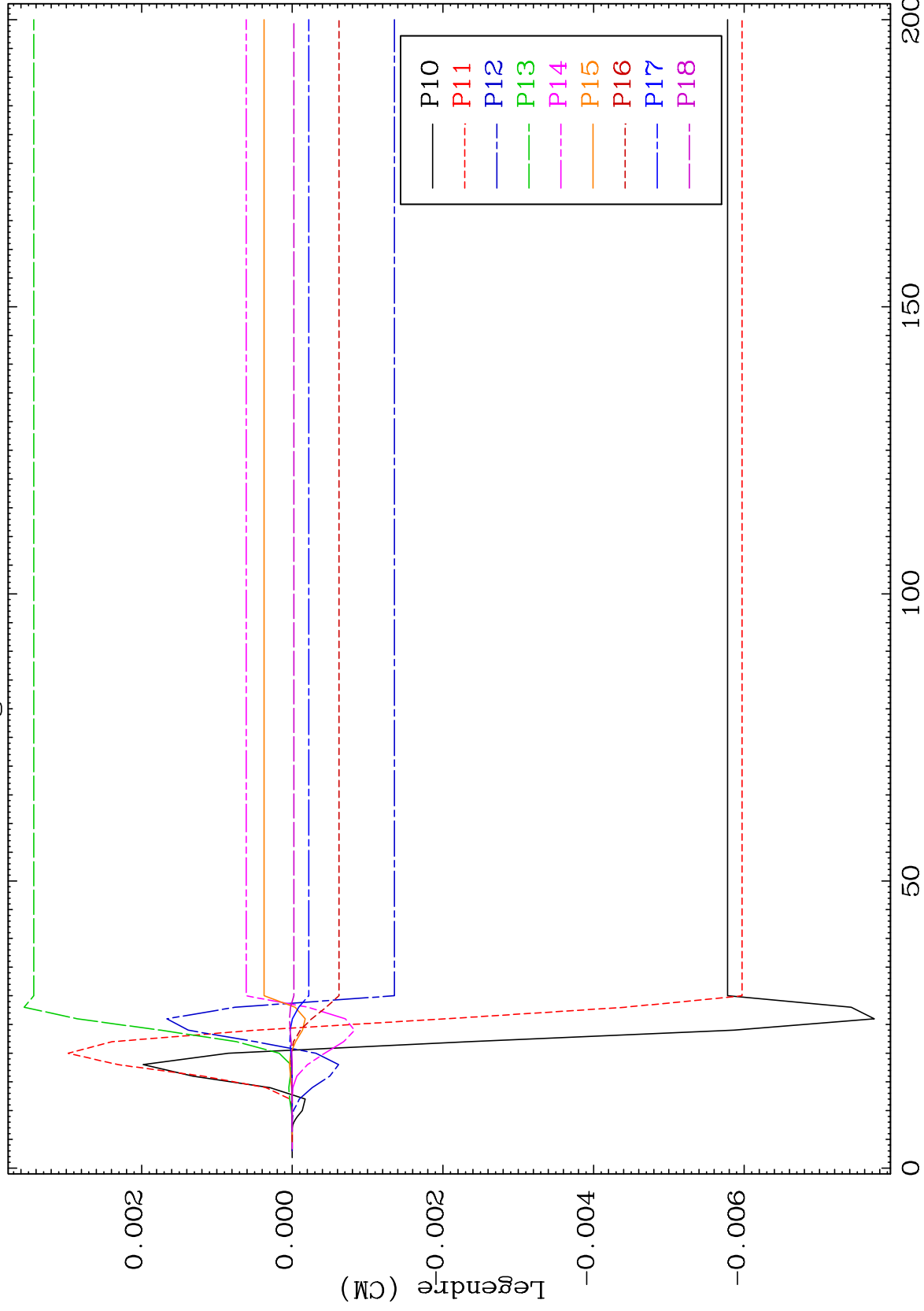




MAT 5398

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

54-Xe-115



57

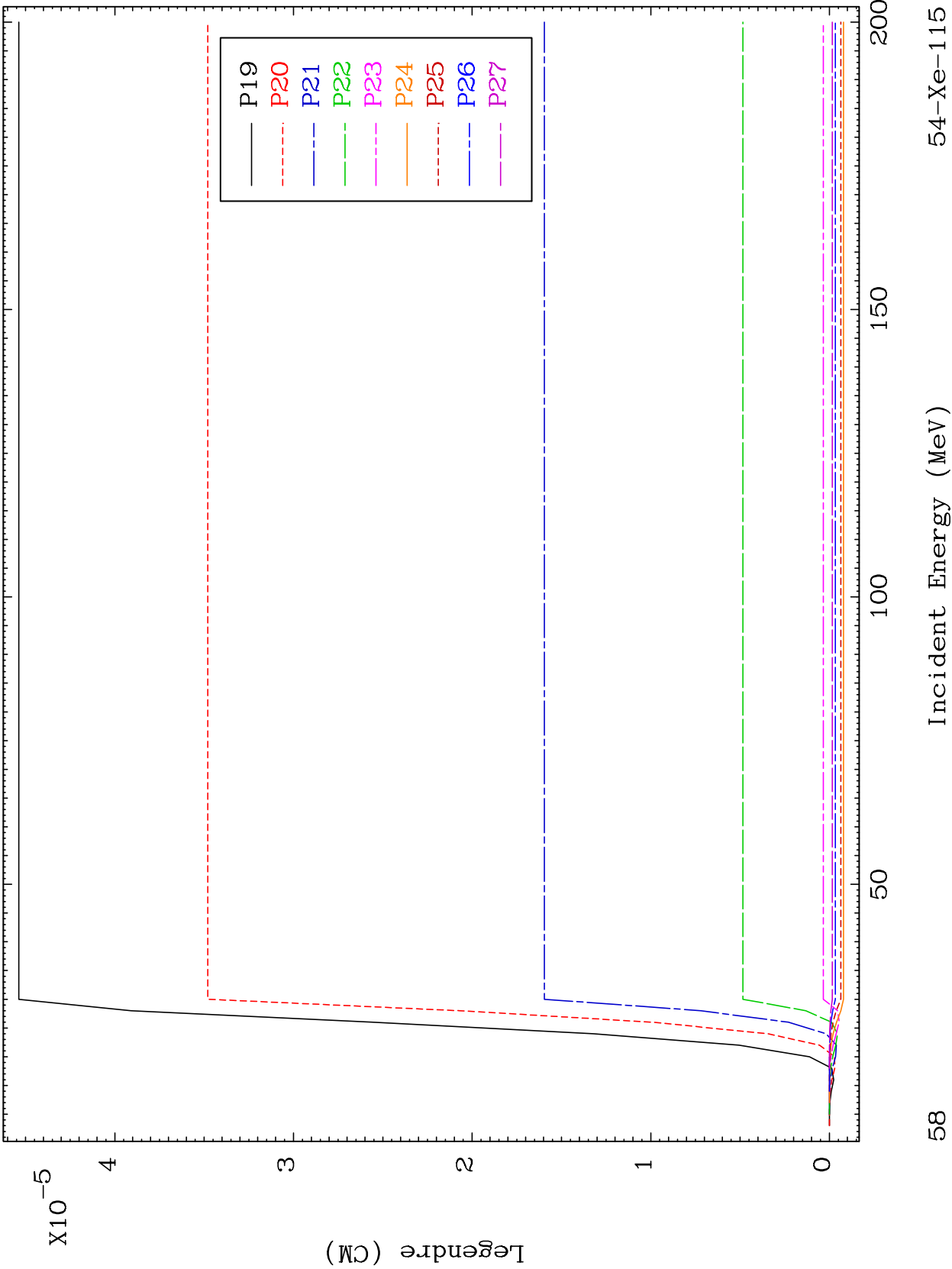
Incident Energy (MeV)

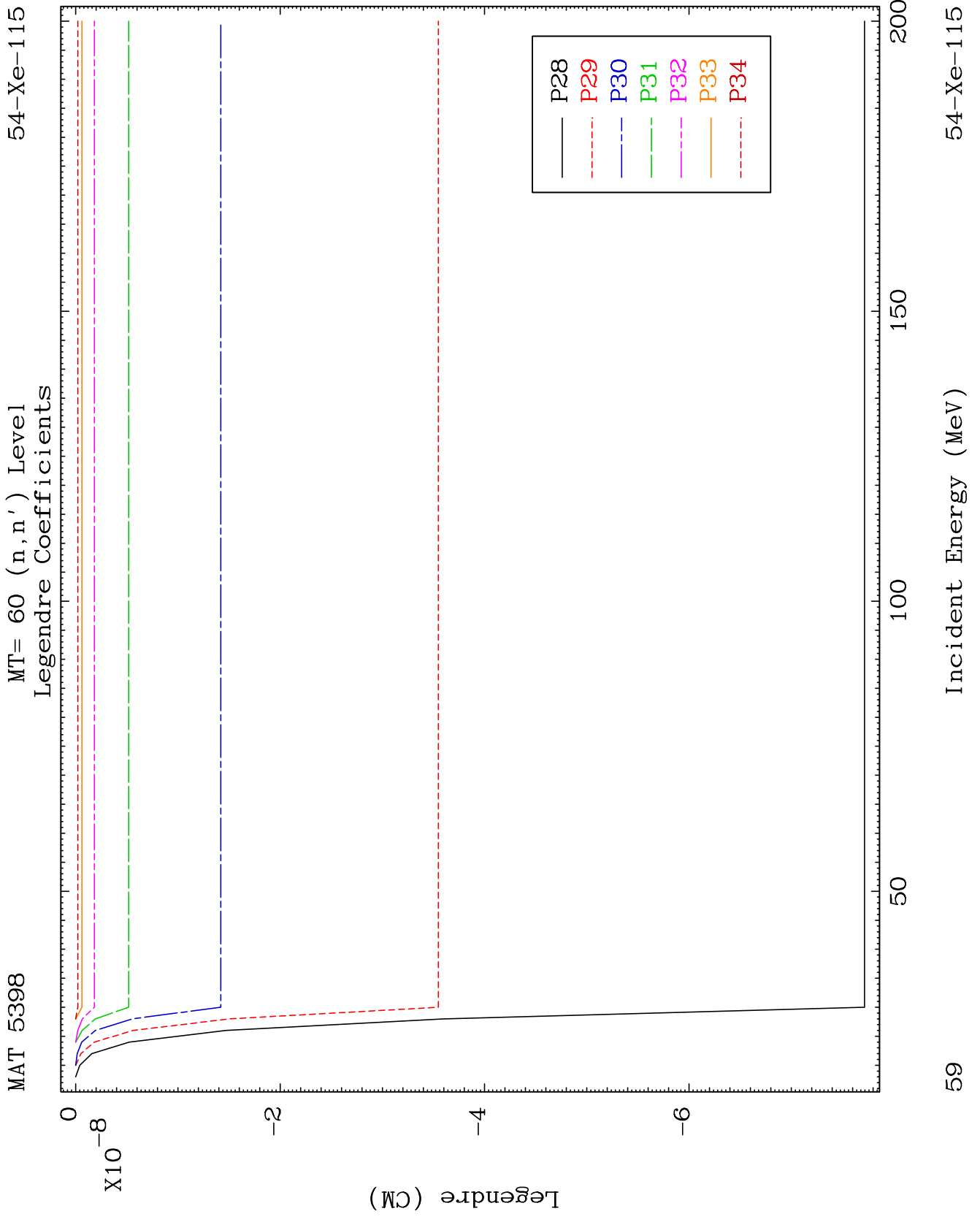
54-Xe-115

MAT 5398

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

54-Xe-115

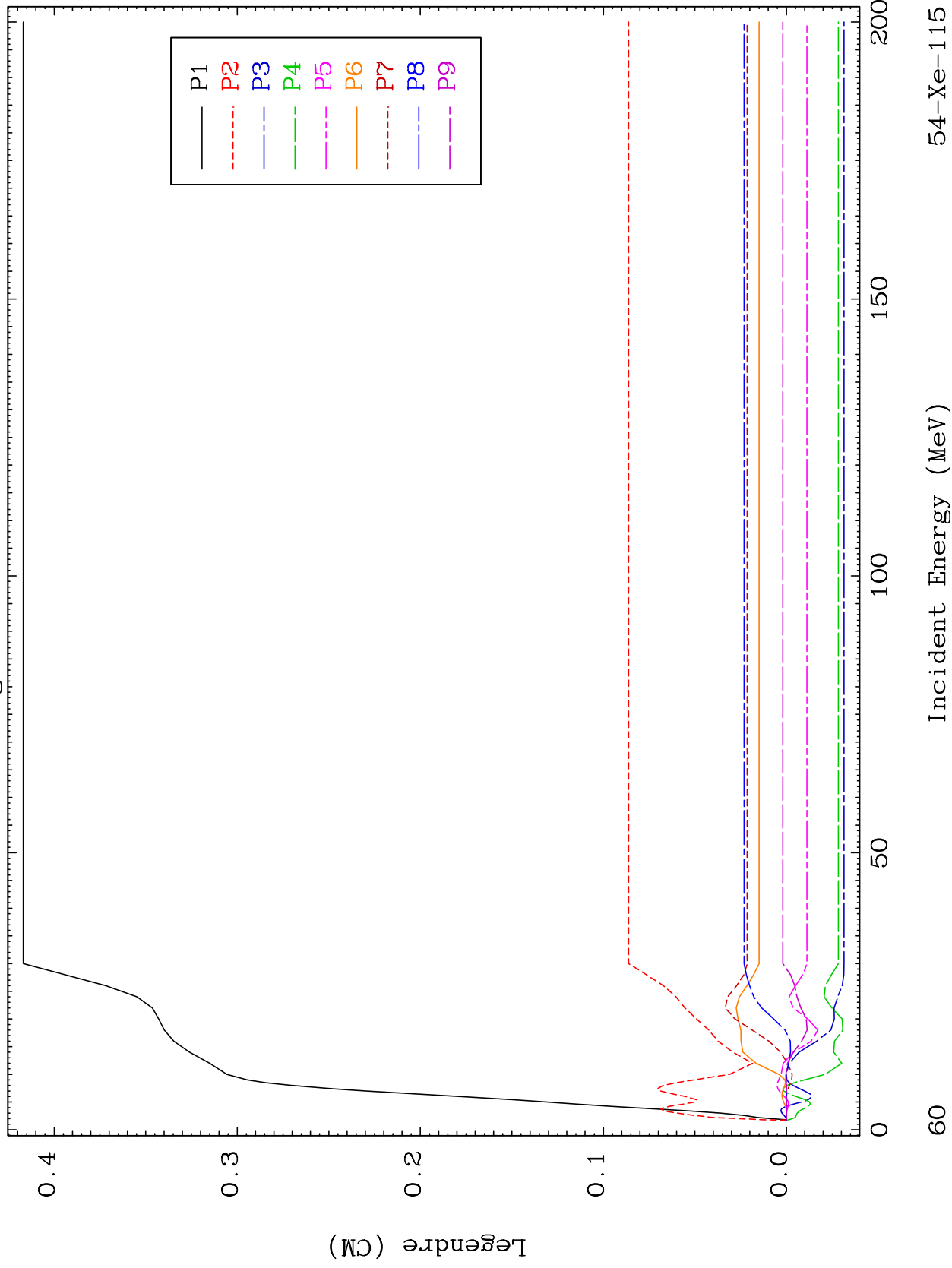




MAT 5398

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

54-Xe-115



54-Xe-115

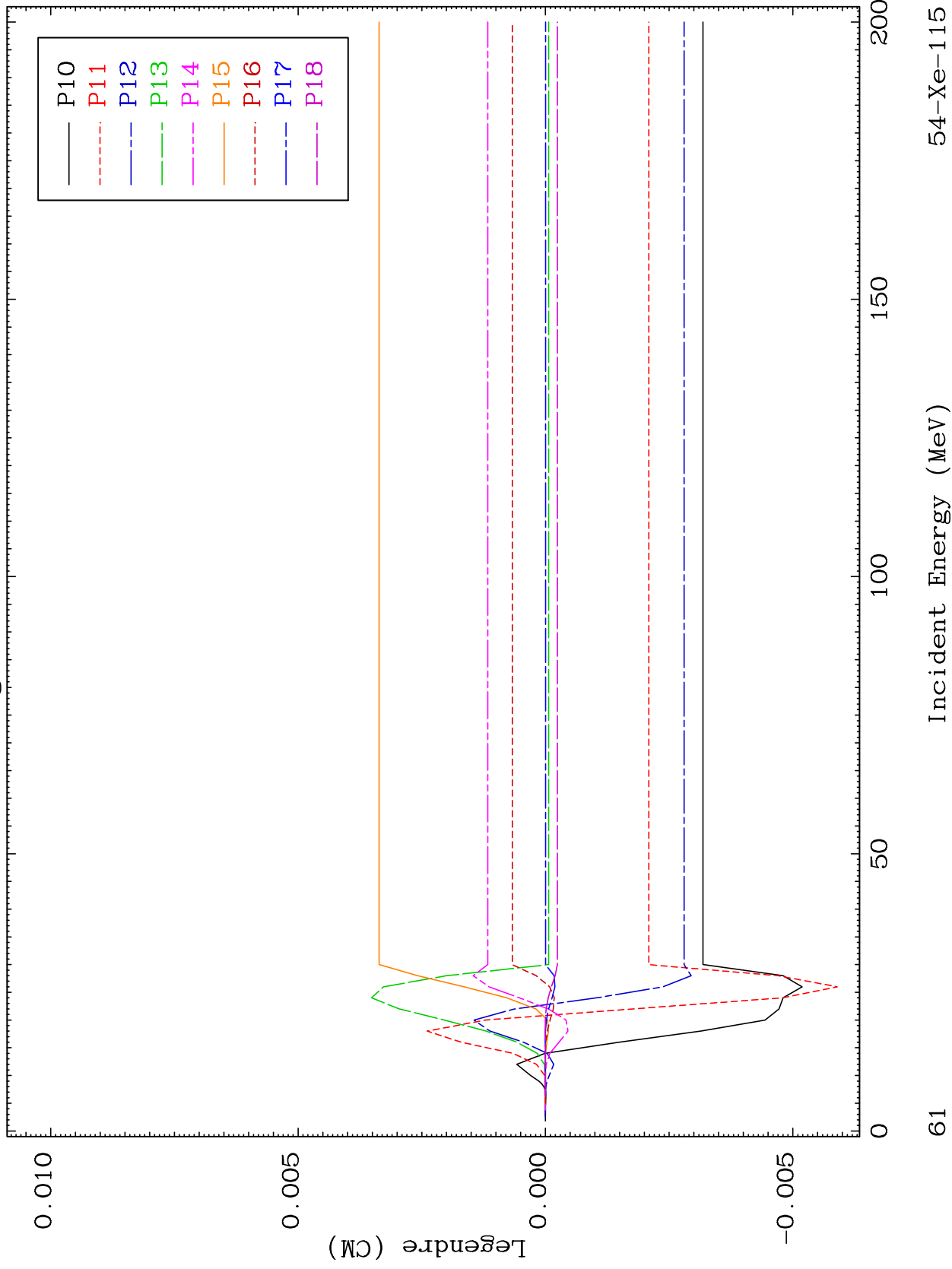
Incident Energy (MeV)

60

MAT 5398

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

54-Xe-115



54-Xe-115

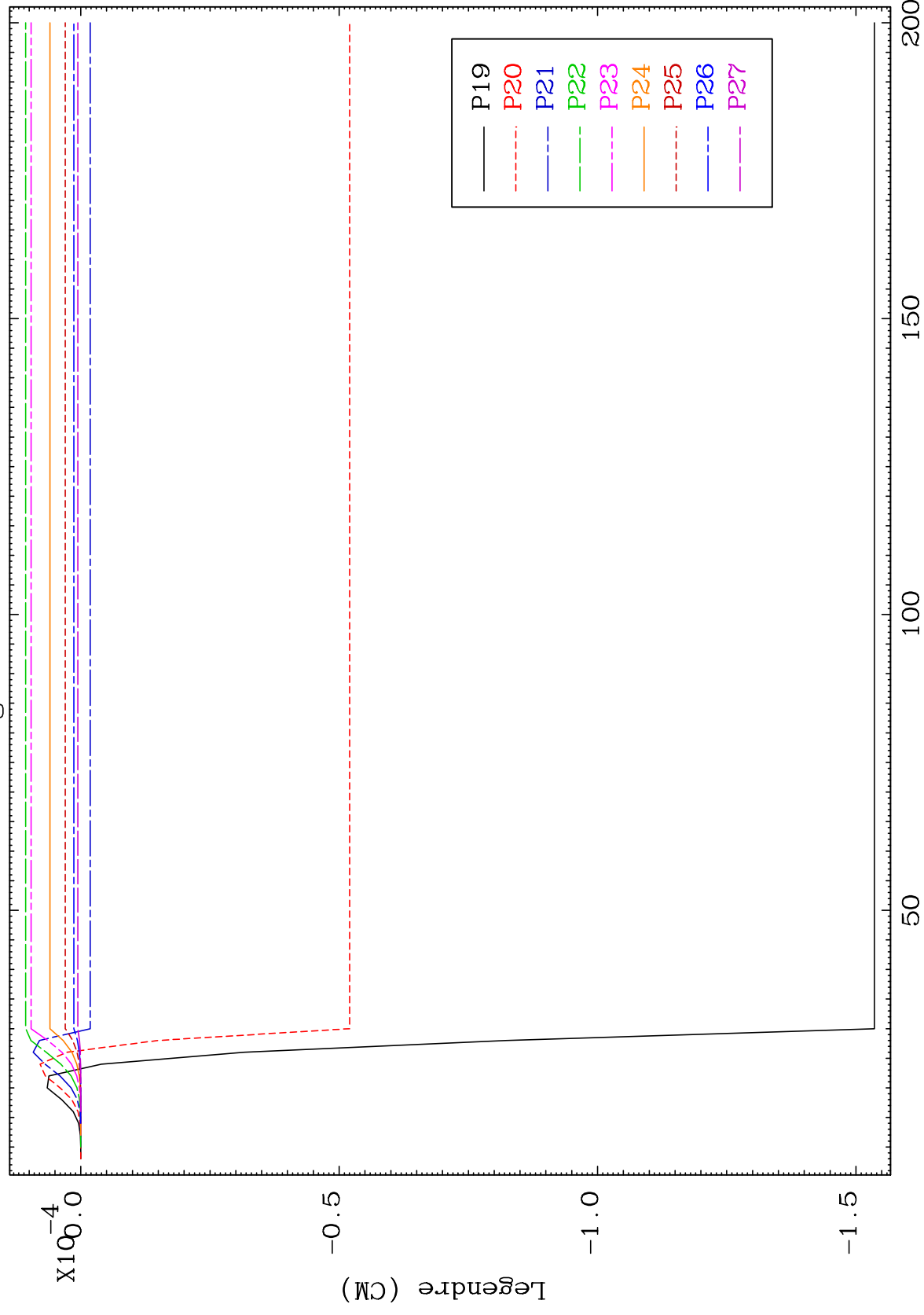
Incident Energy (MeV)

61

MAT 5398

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

54-Xe-115



62

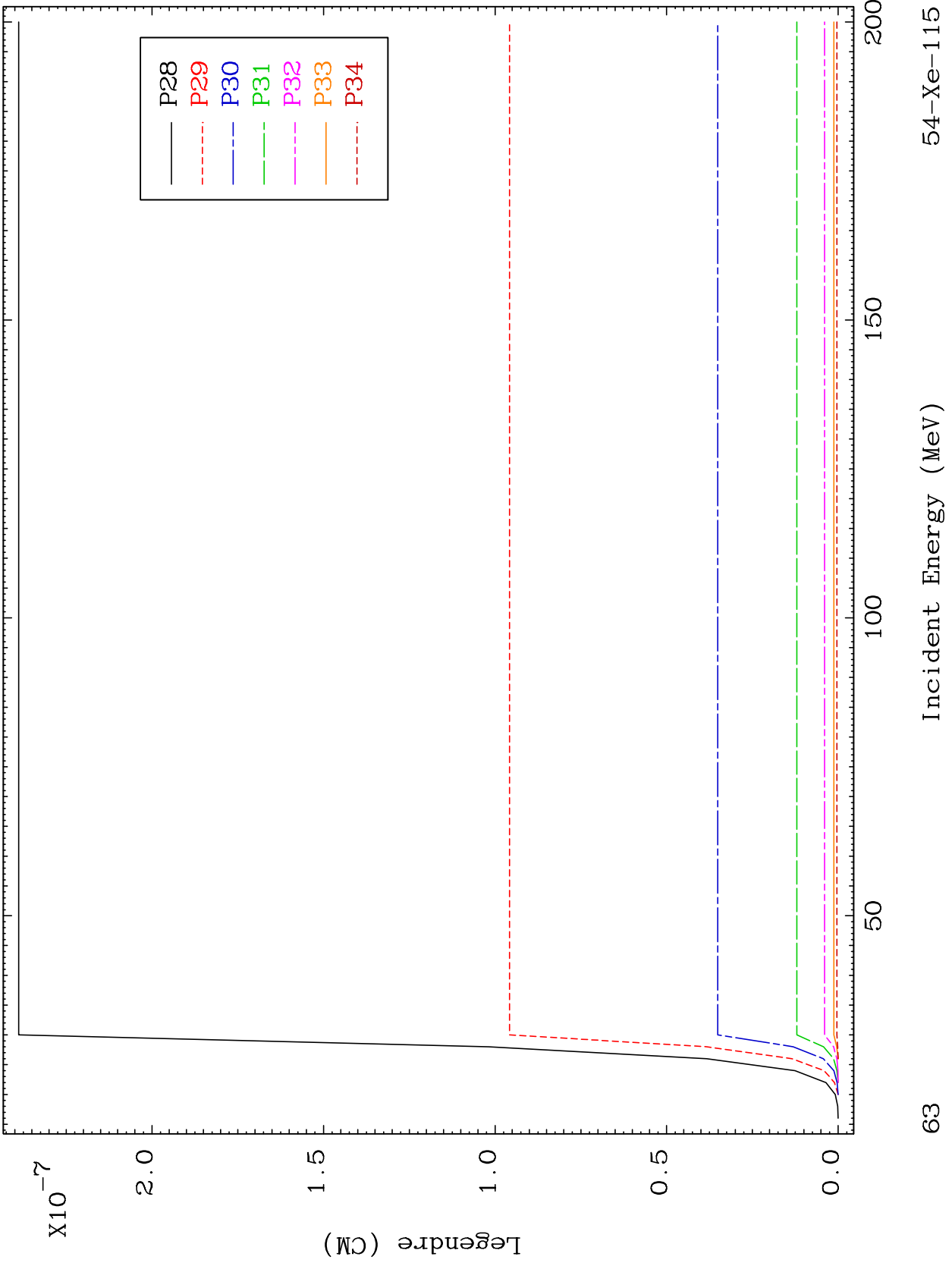
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



63

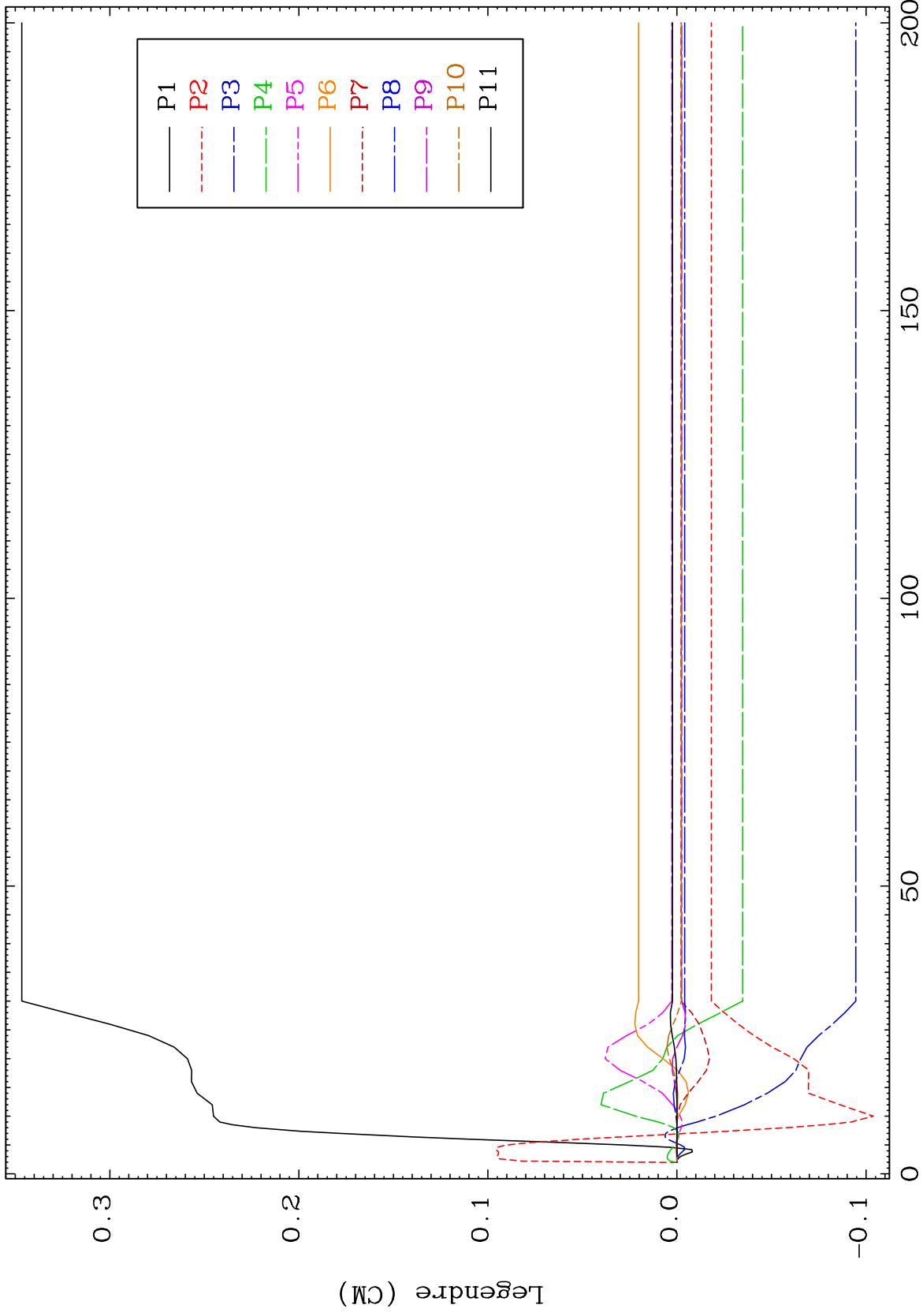
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



64

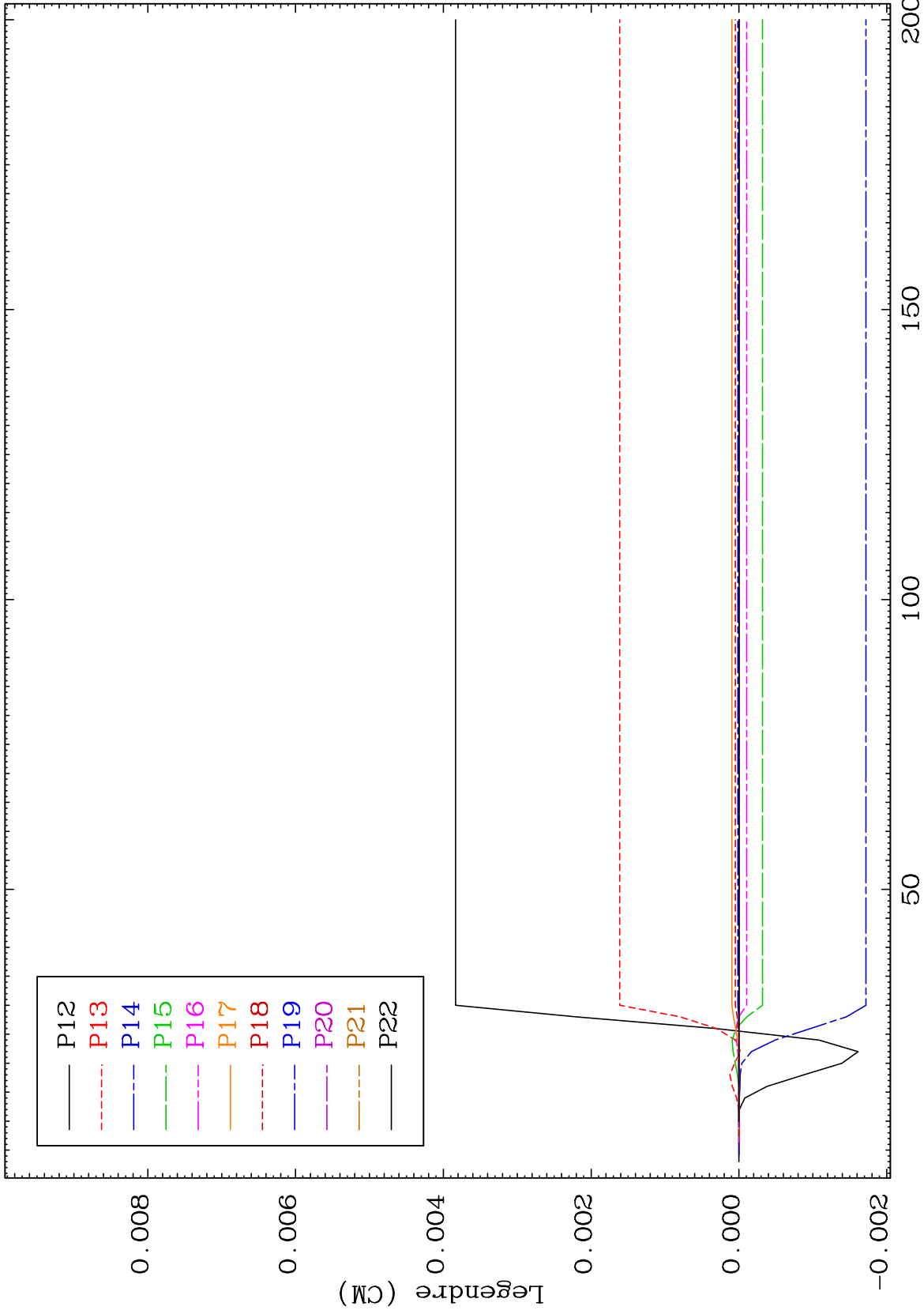
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



65

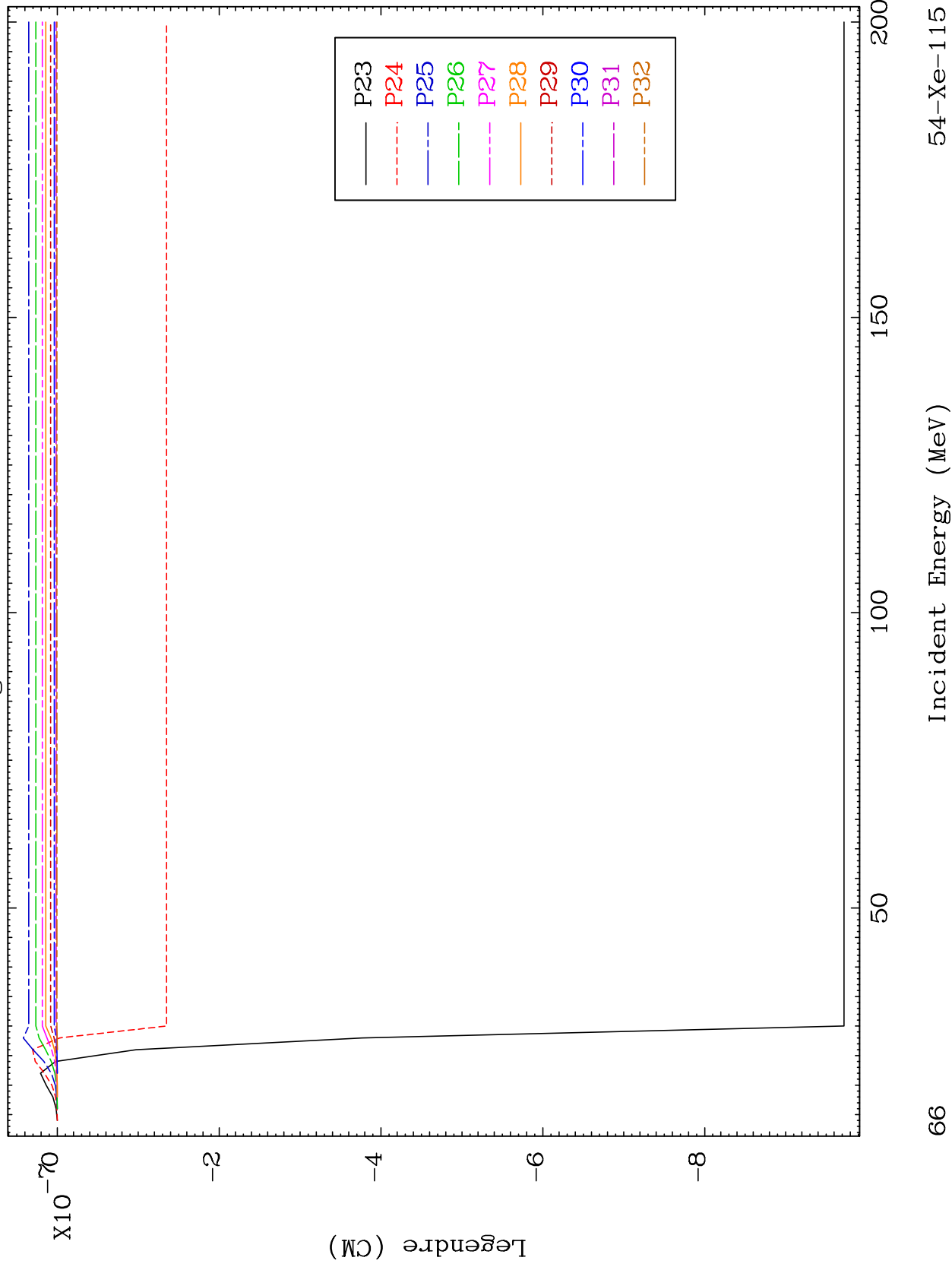
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



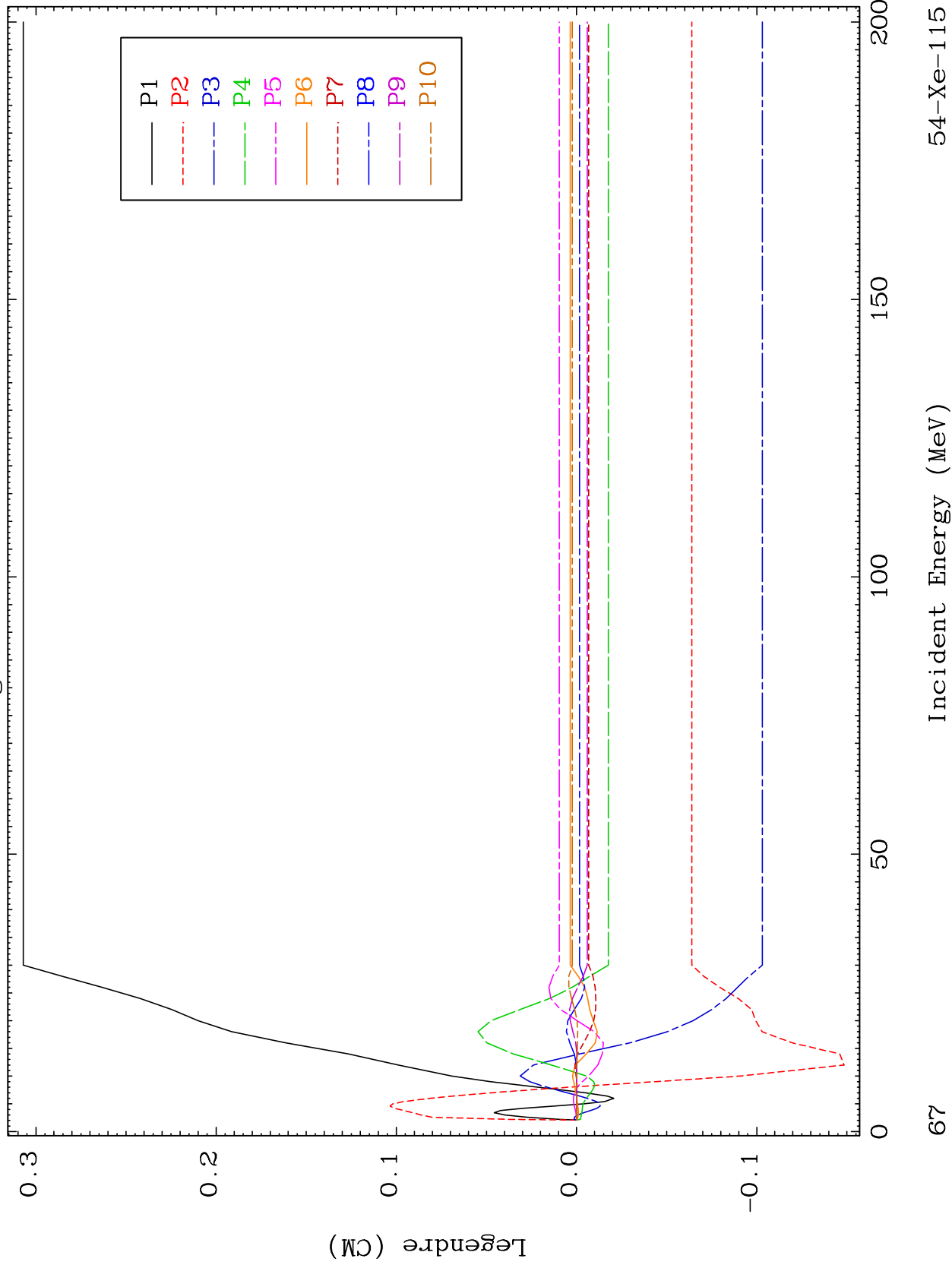
66

54-Xe-115

MAT 5398

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

54-Xe-115



54-Xe-115

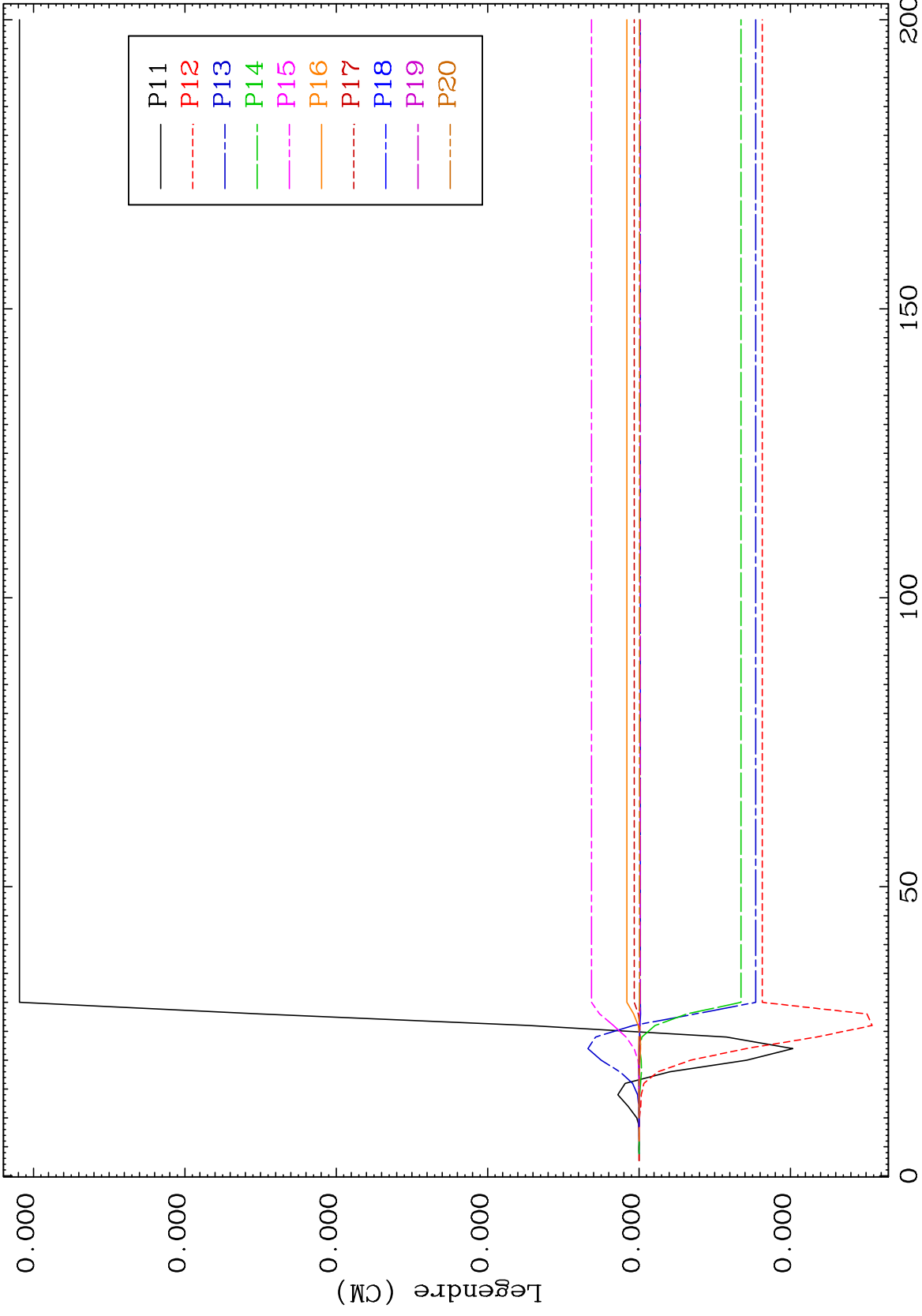
Incident Energy (MeV)

67

MAT 5398

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

54-Xe-115



68

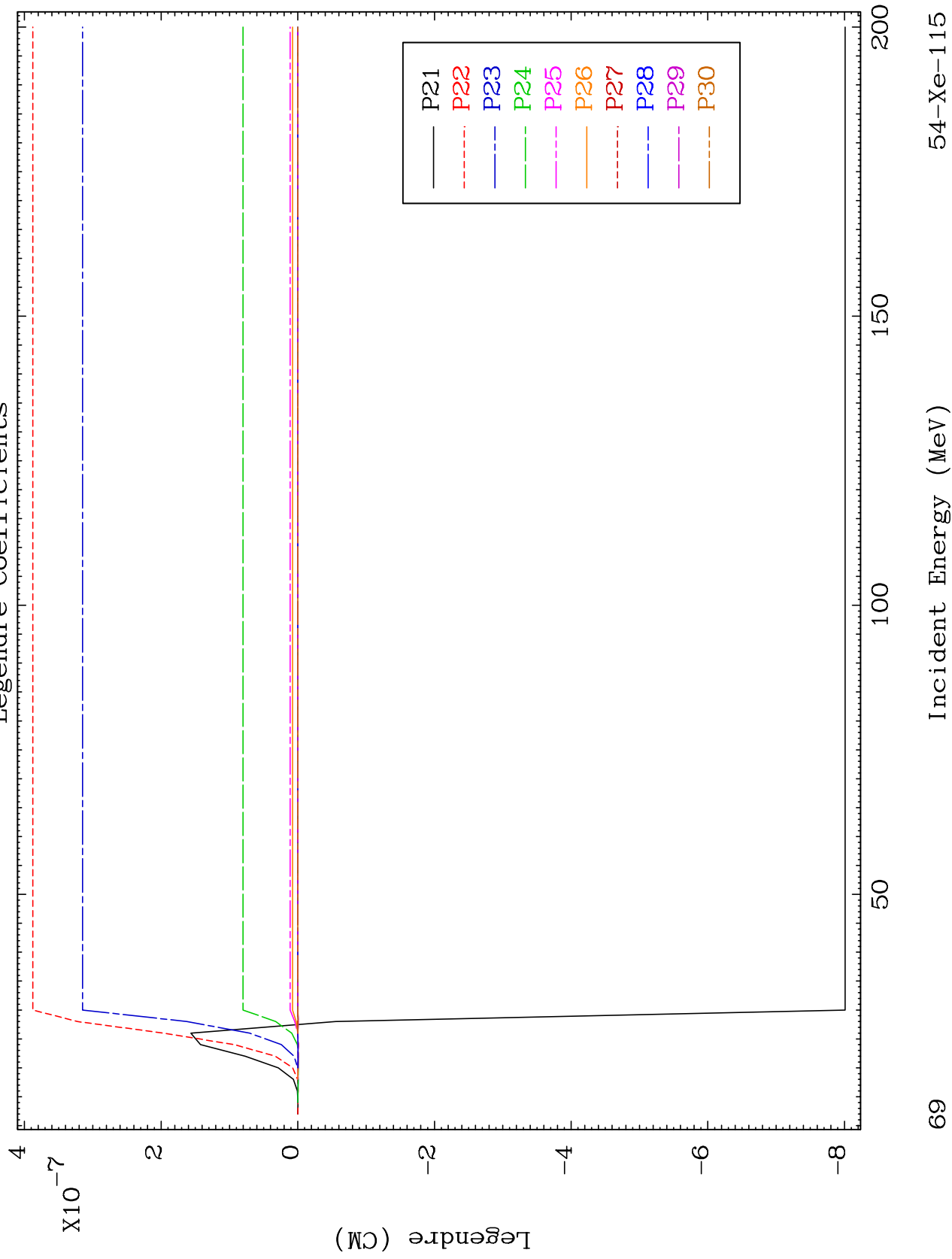
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



69

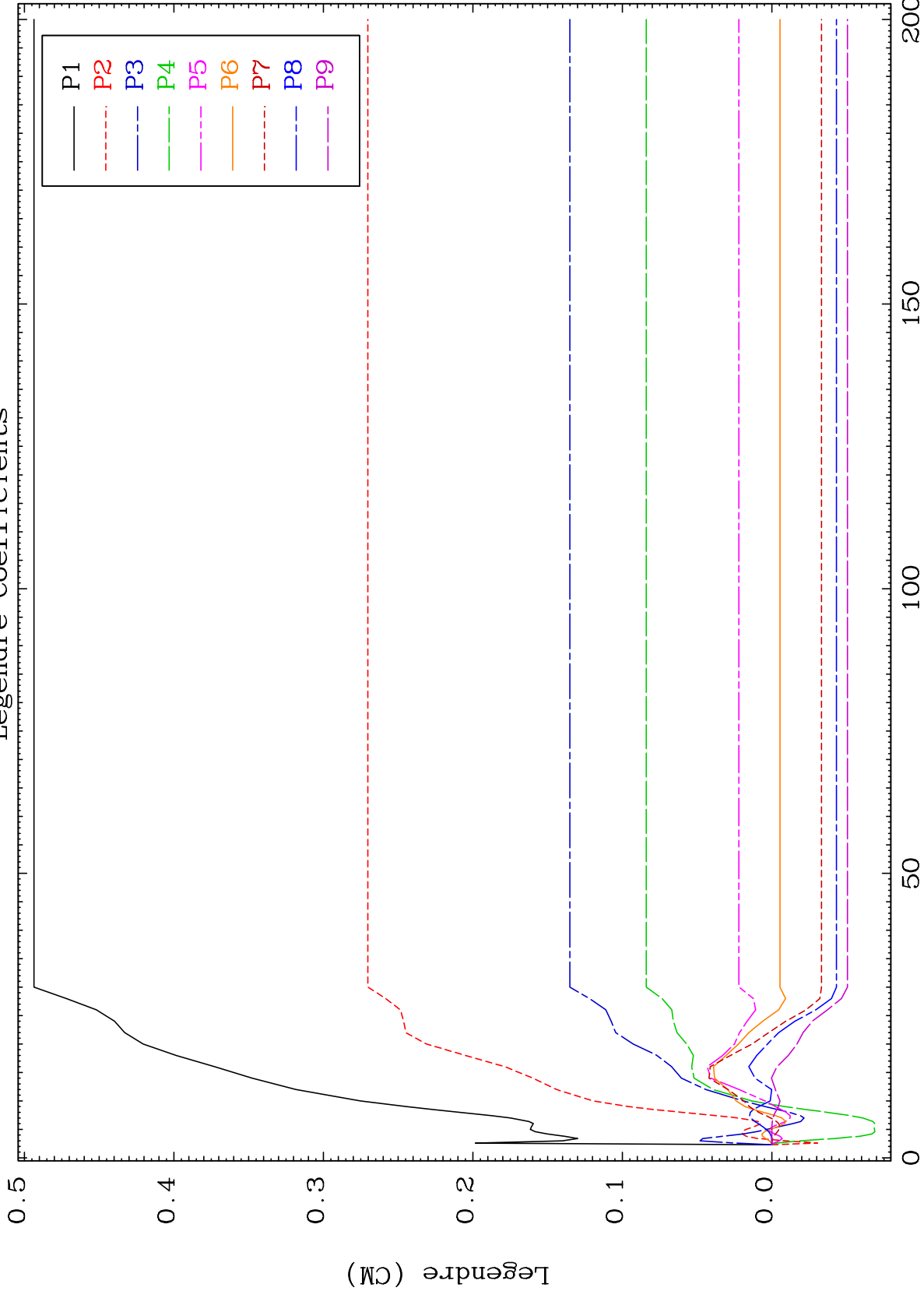
54-Xe-115

MAT 5398

MT= 64 (n,n') Level

54-Xe-115

Legendre Coefficients



70

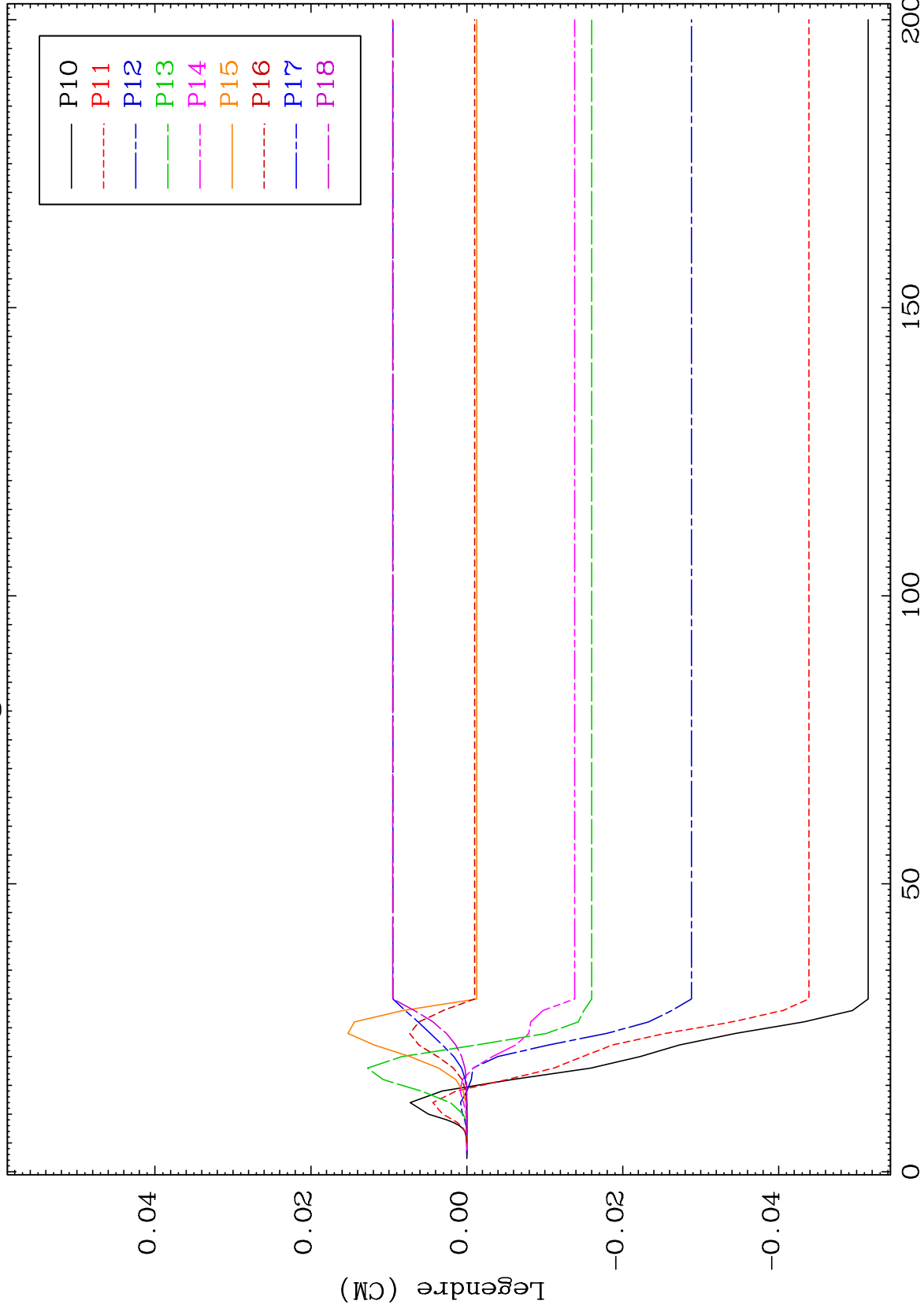
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



71

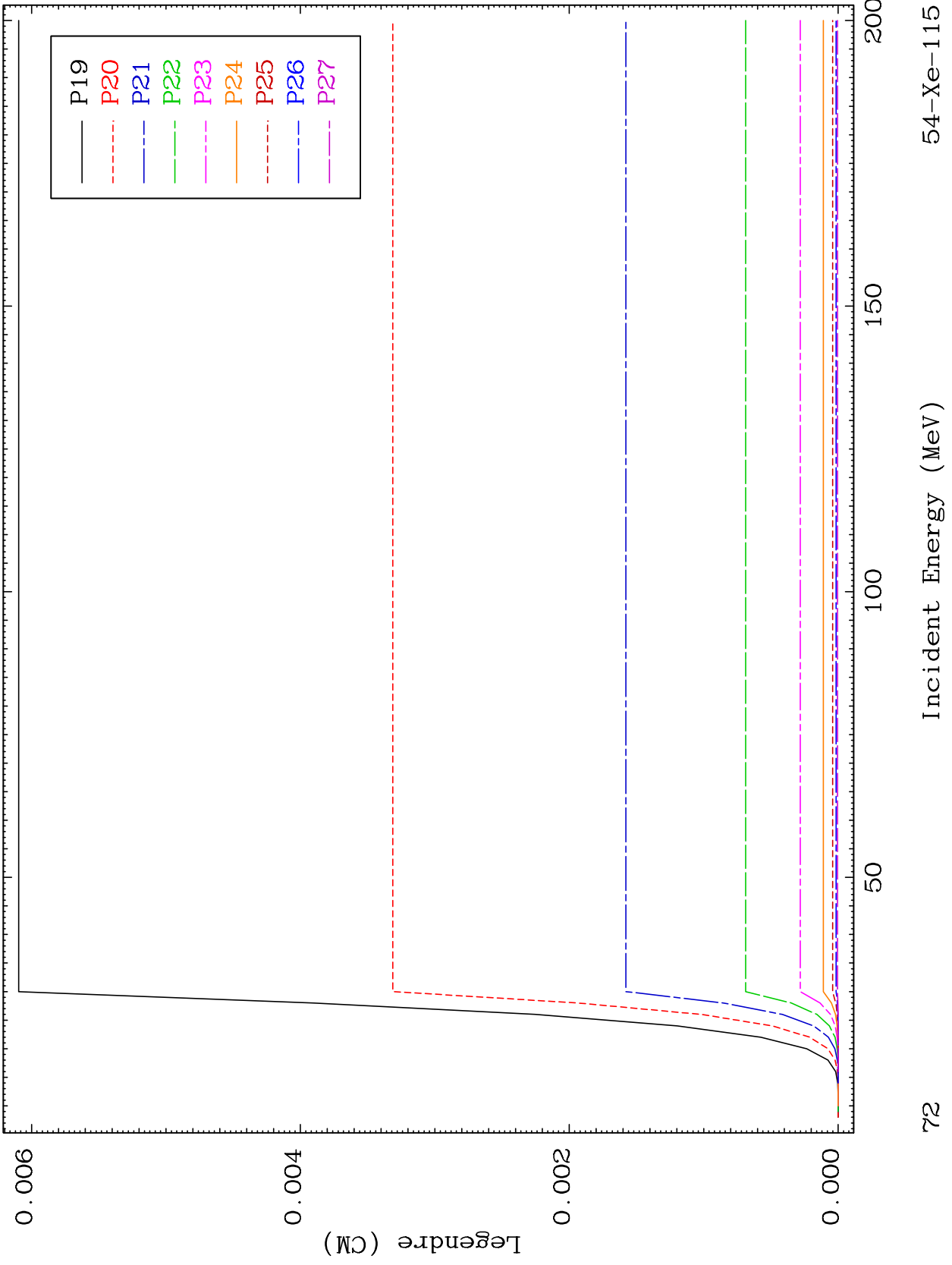
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



72

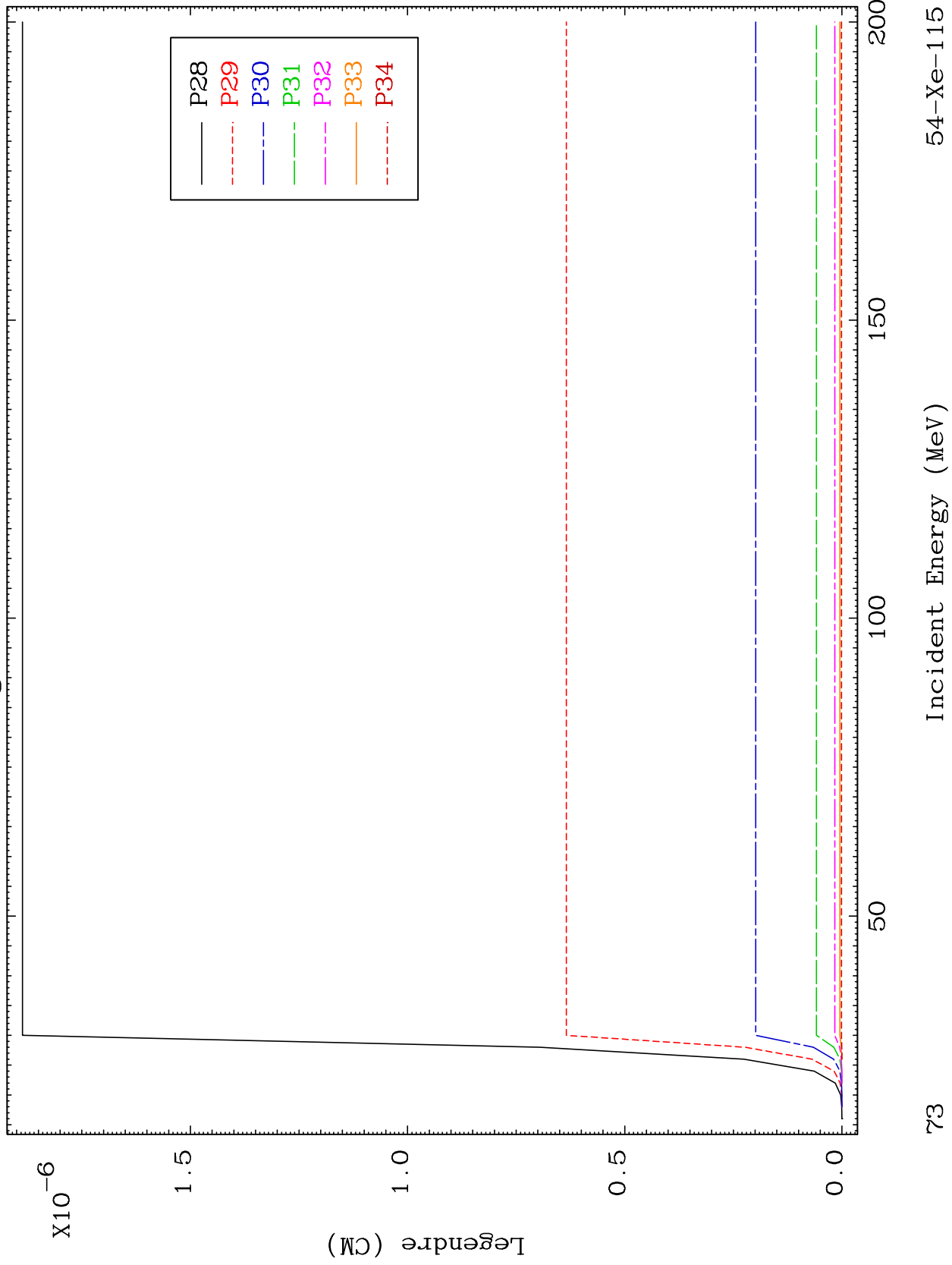
Incident Energy (MeV)

54-Xe-115

MAT 5398

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

54-Xe-115



73

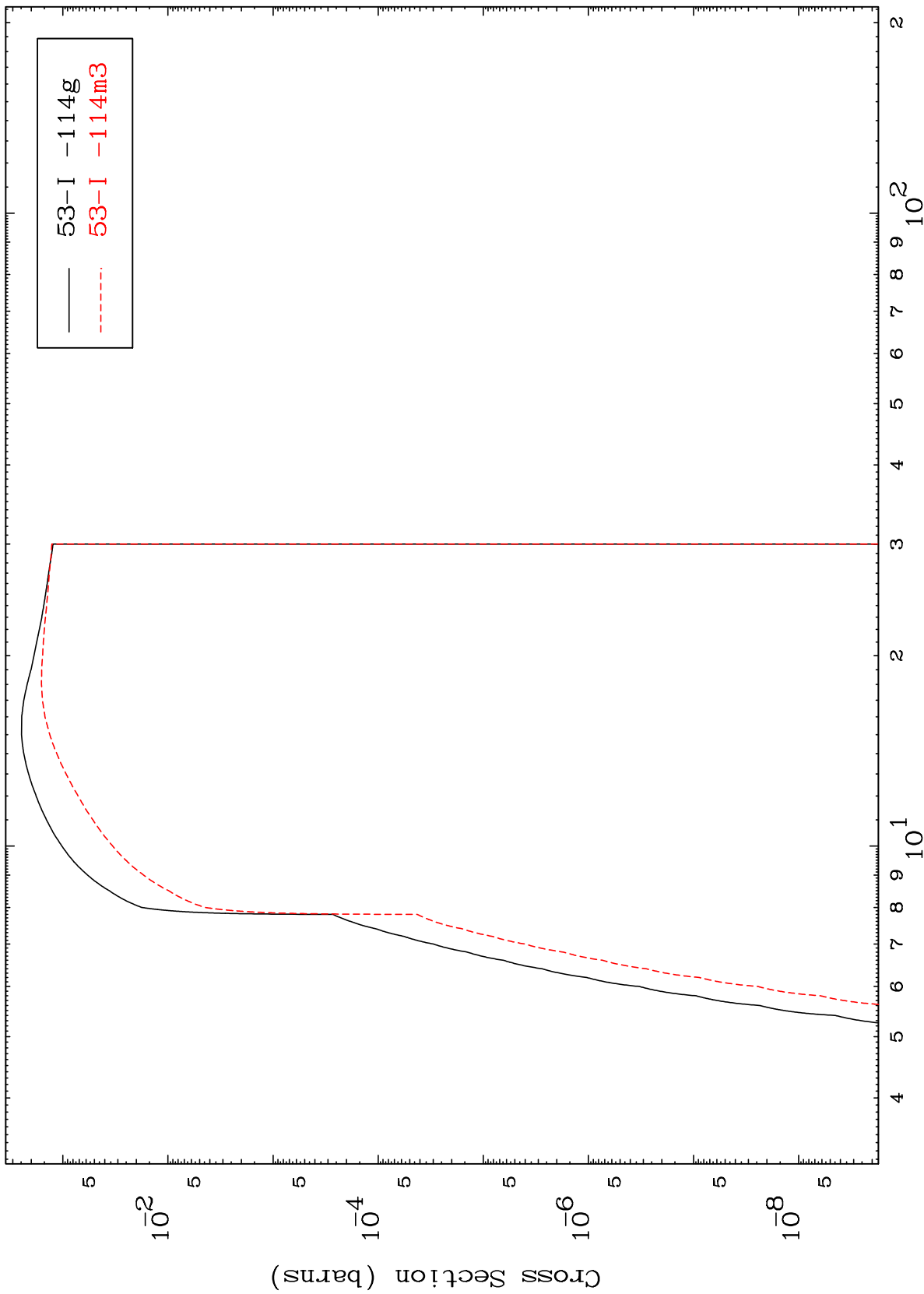
Incident Energy (MeV)

54-Xe-115

MAT 5398

54-Xe-115

(n,n') p
Radionuclide Production Cross Section



74

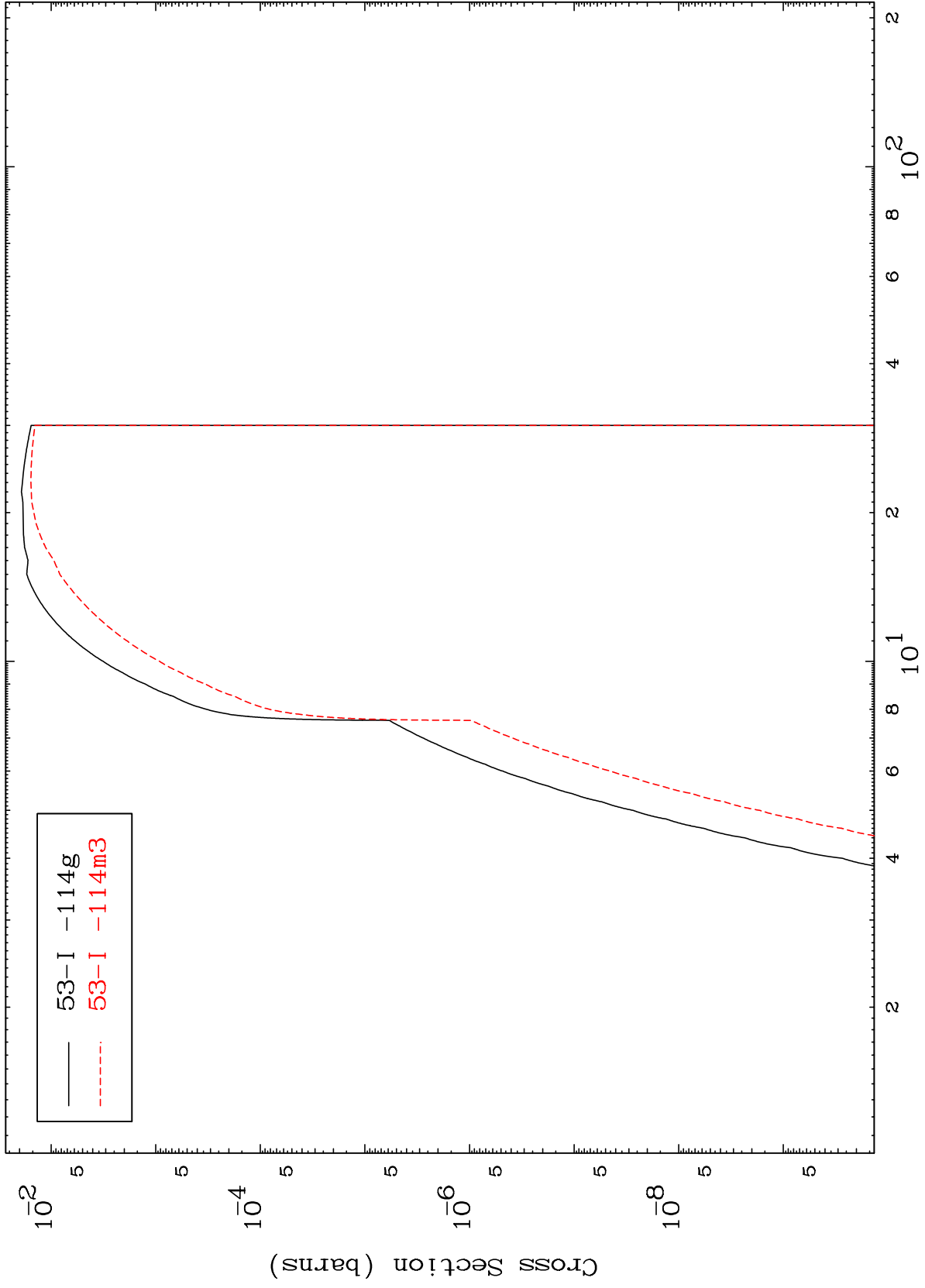
Incident Energy (MeV)

54-Xe-115

MAT 5398

54-Xe-115

(n,d)
Radionuclide Production Cross Section



53-I -114g
53-I -114m3

75

Incident Energy (MeV)

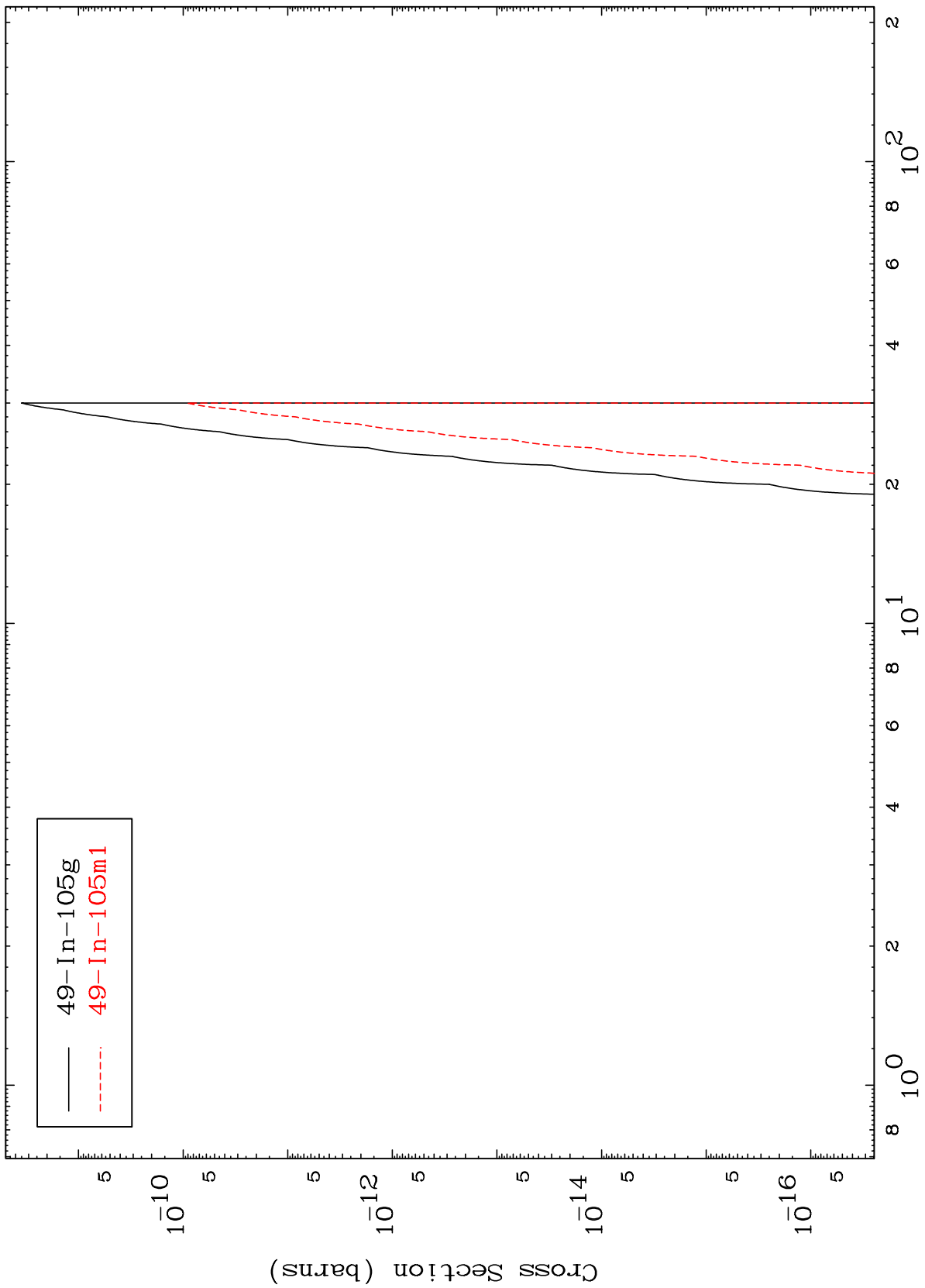
54-Xe-115

MAT 5398

(n,t) 2 α

54-Xe-115

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

76

Incident Energy (MeV)

54-Xe-115

MAT 5398

(n,d) 2 α

54-Xe-115

Radionuclide Production Cross Section

