

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

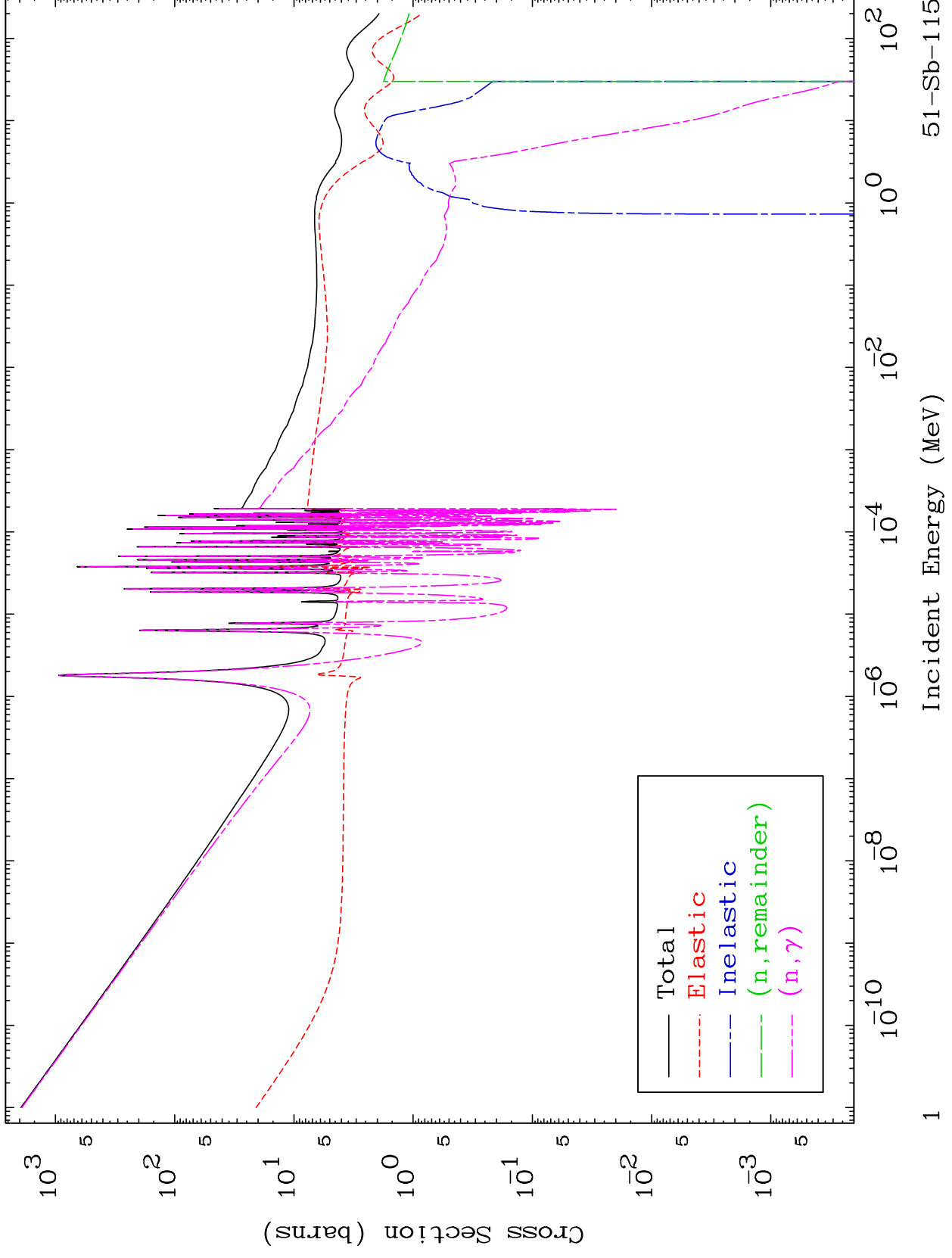
Press Mouse Button to Start

MAT 5107

Major

293 Kelvin Cross Sections

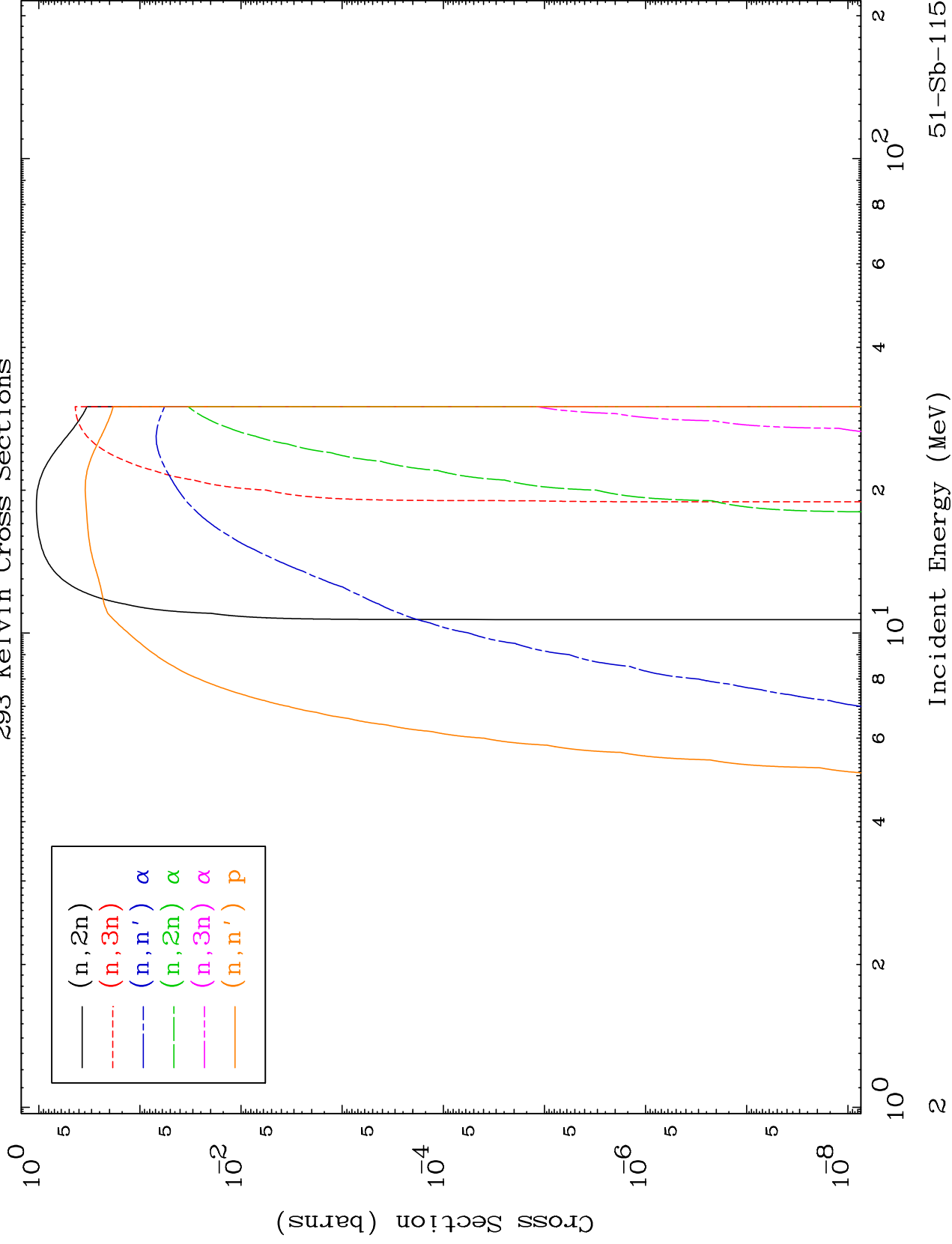
51-Sb-115



MAT 5107

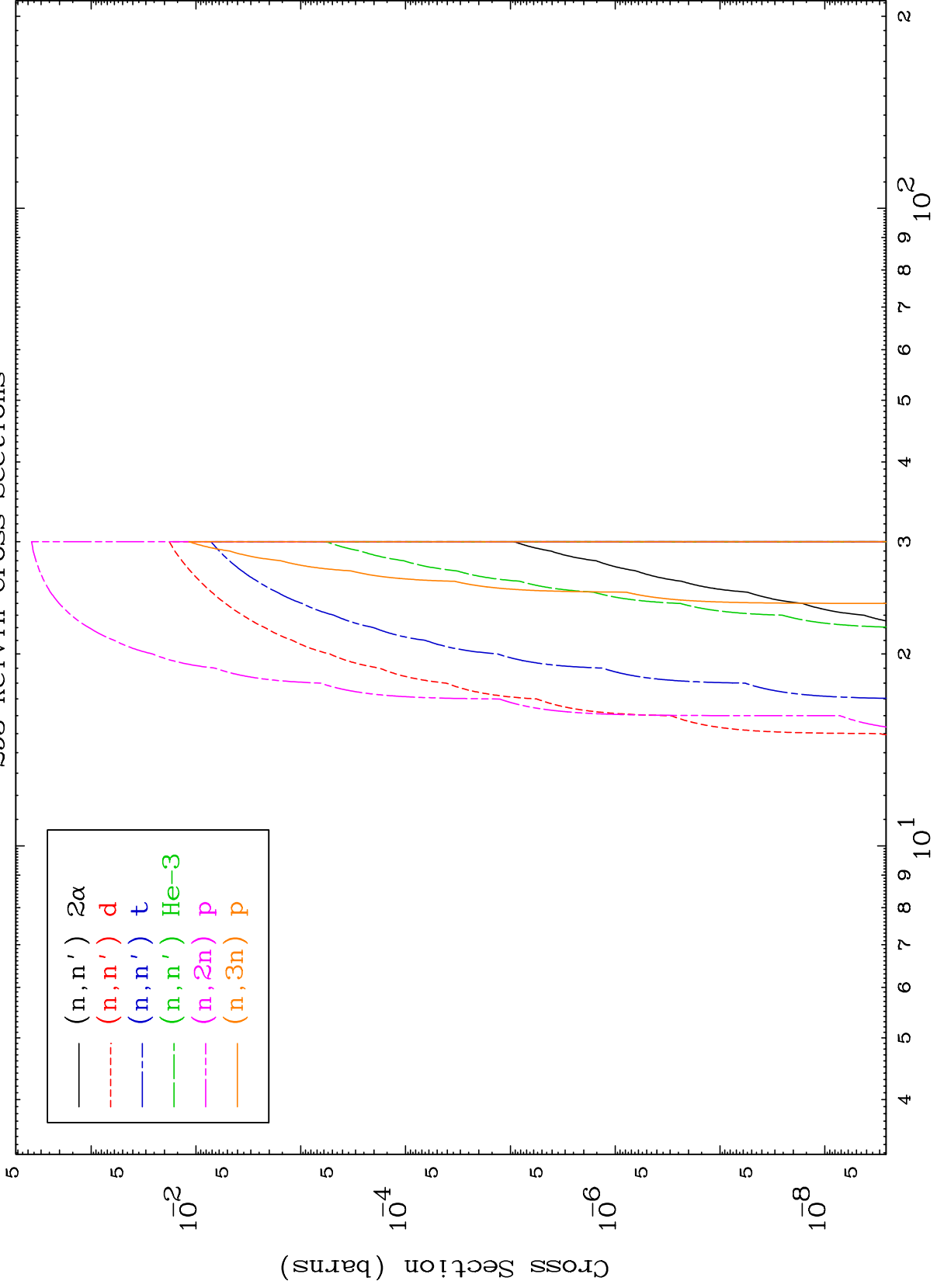
Neutron Production
293 Kelvin Cross Sections

51-Sb-115



Incident Energy (MeV)

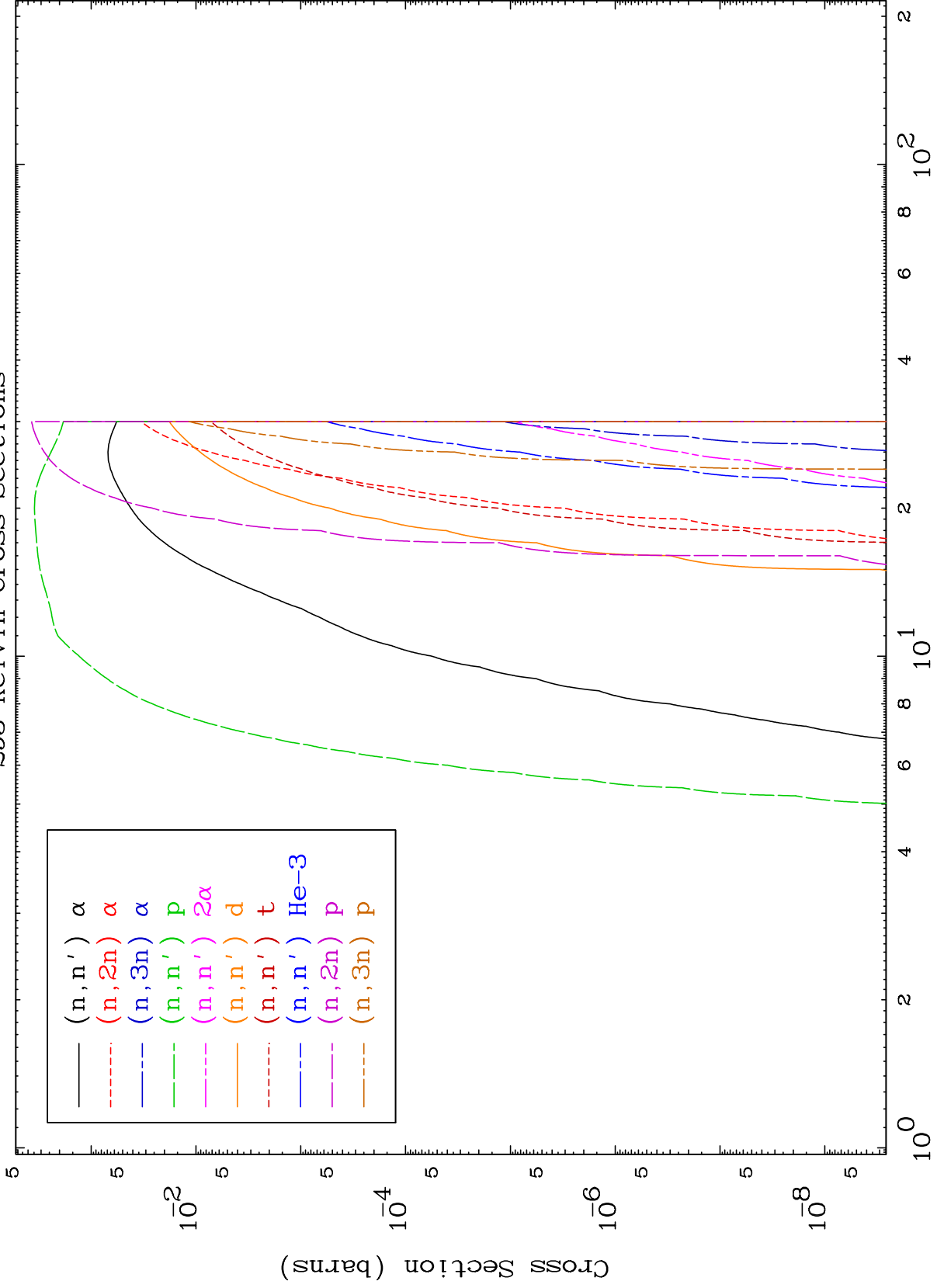
51-Sb-115



MAT 5107

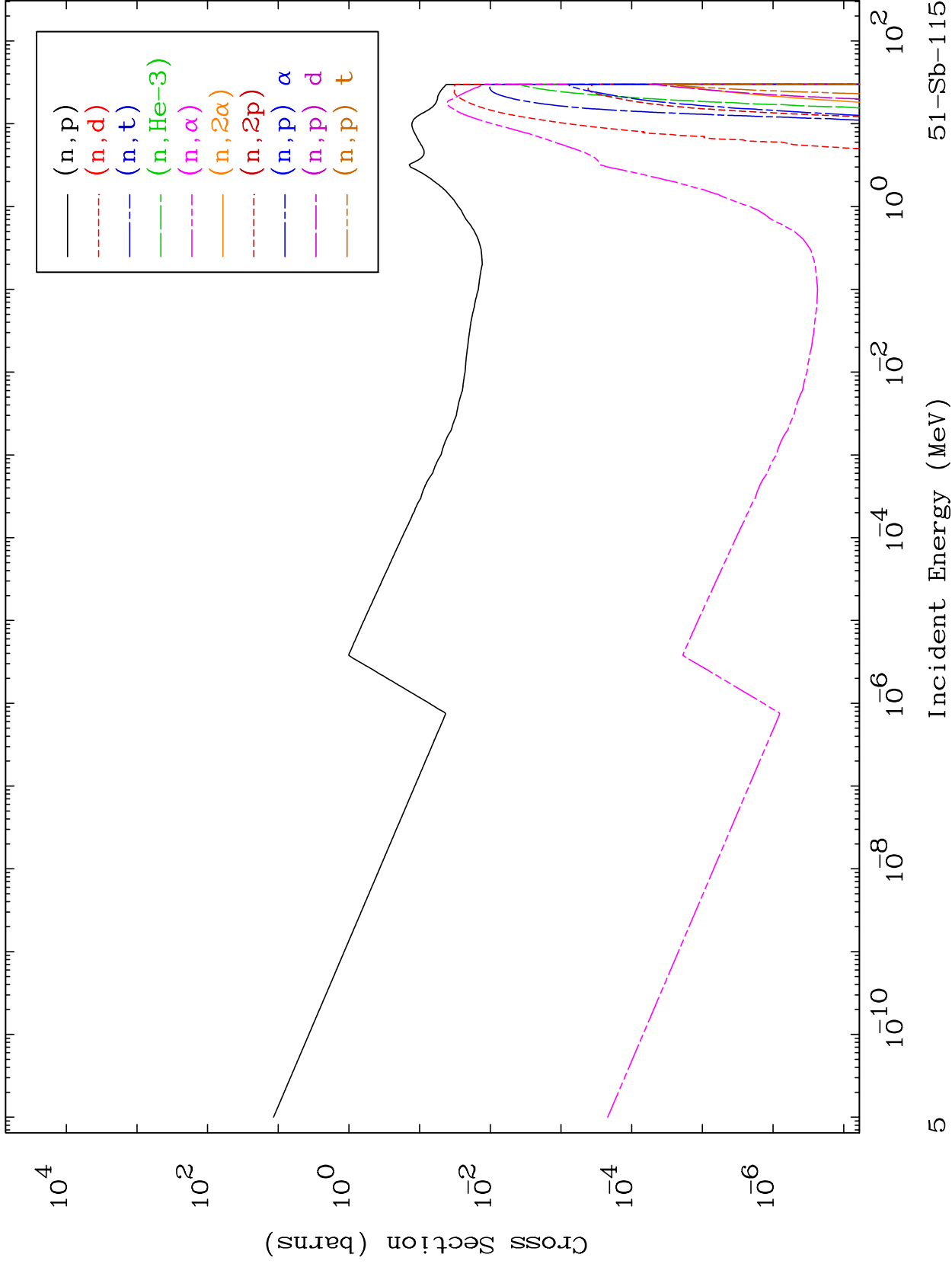
Charged Particle
293 Kelvin Cross Sections

51-Sb-115



Incident Energy (MeV)

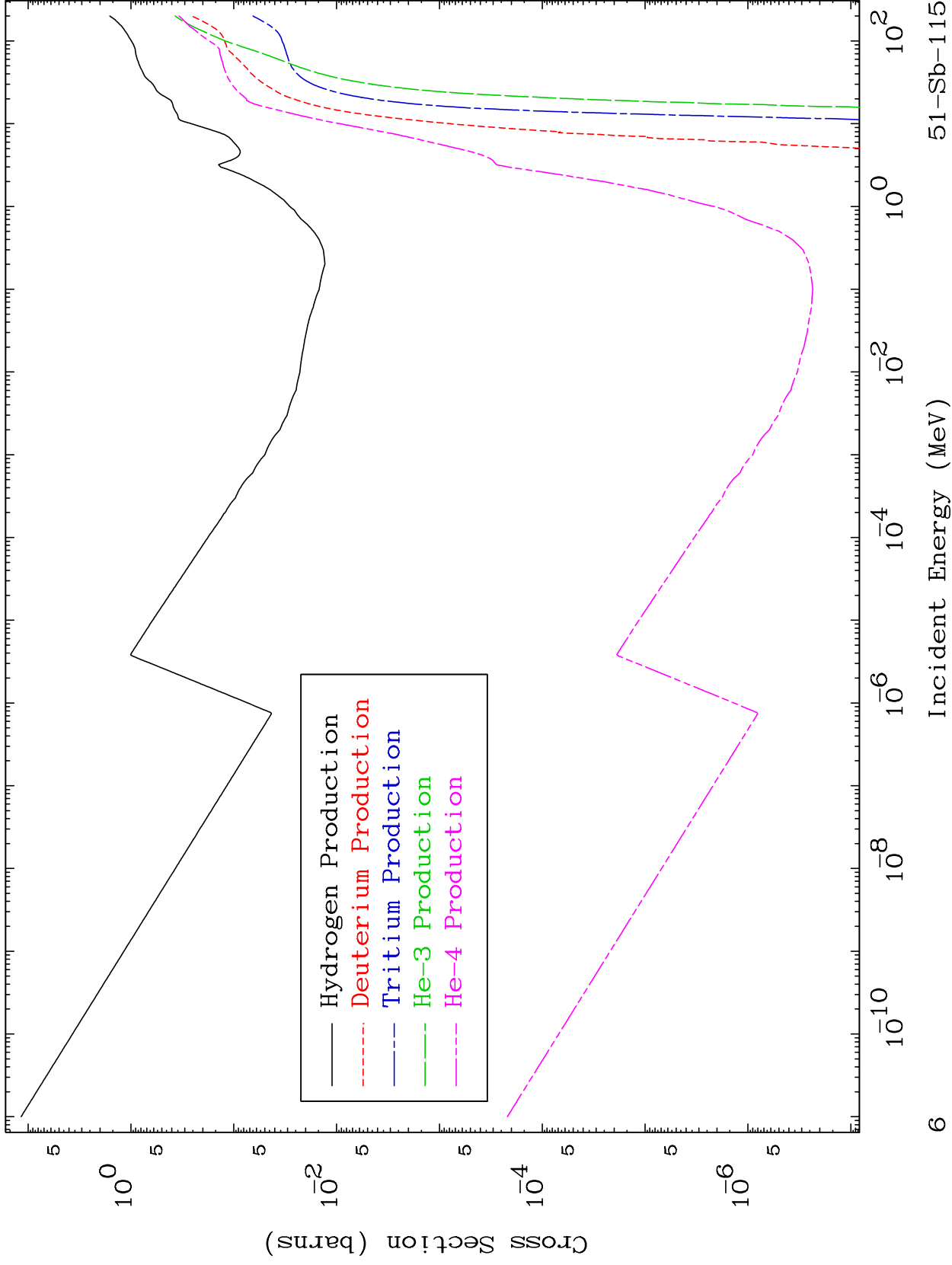
51-Sb-115



MAT 5107

Particle Production
293 Kelvin Cross Sections

51-Sb-115

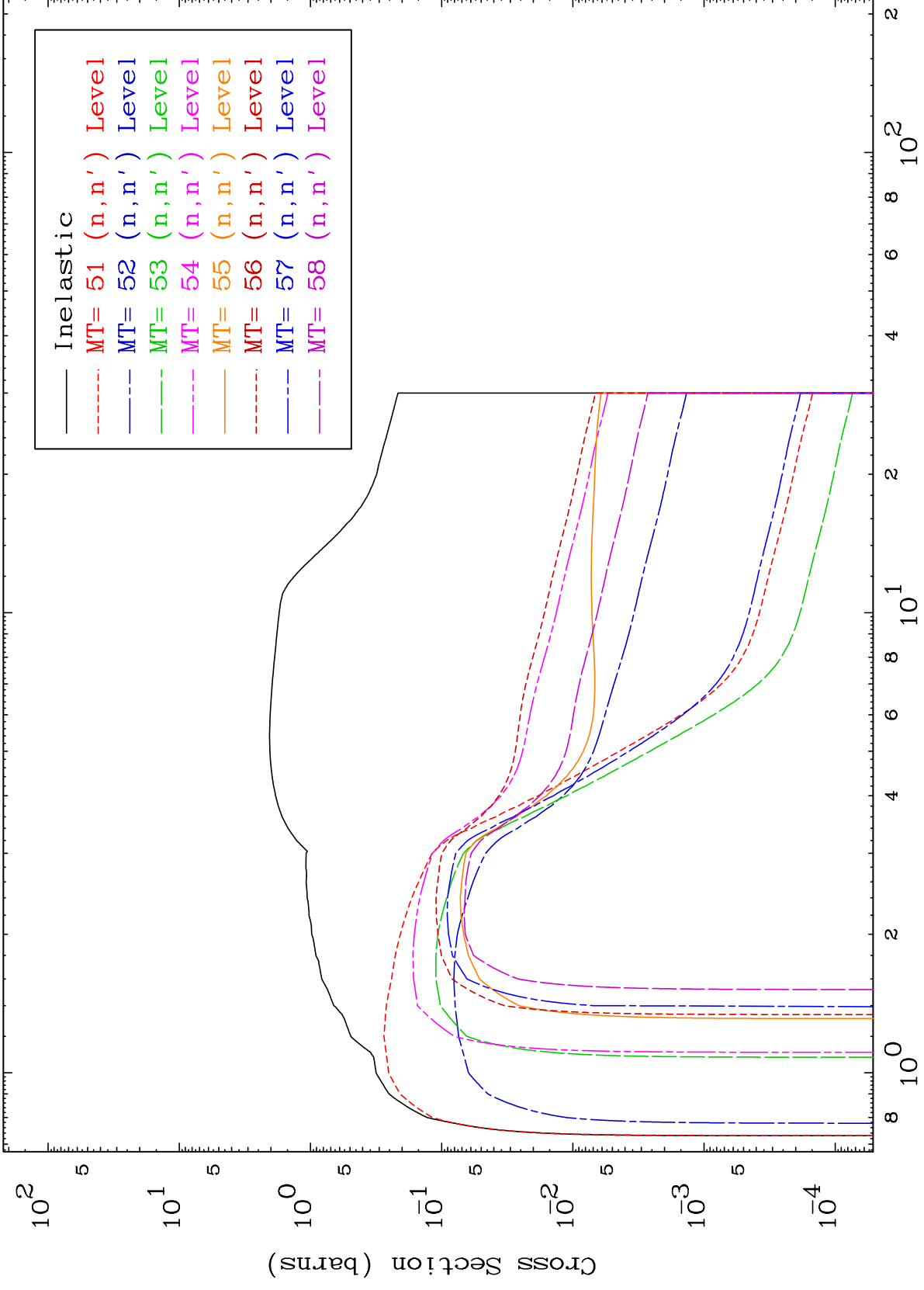


MAT 5107

(n,n') Level

51-Sb-115

293 Kelvin Cross Sections



7

Incident Energy (MeV)

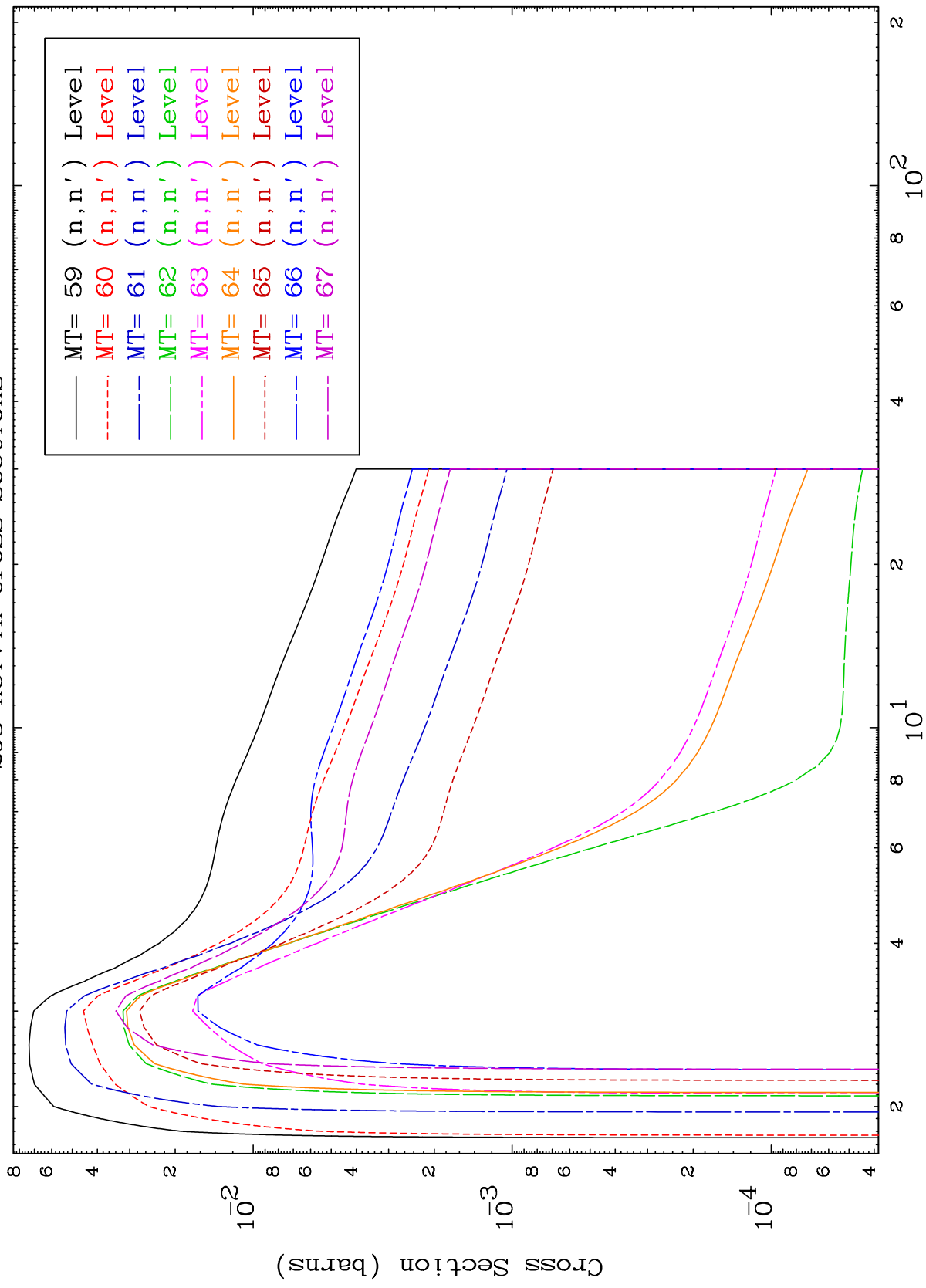
51-Sb-115

MAT 5107

(n,n') Level

51-Sb-115

293 Kelvin Cross Sections

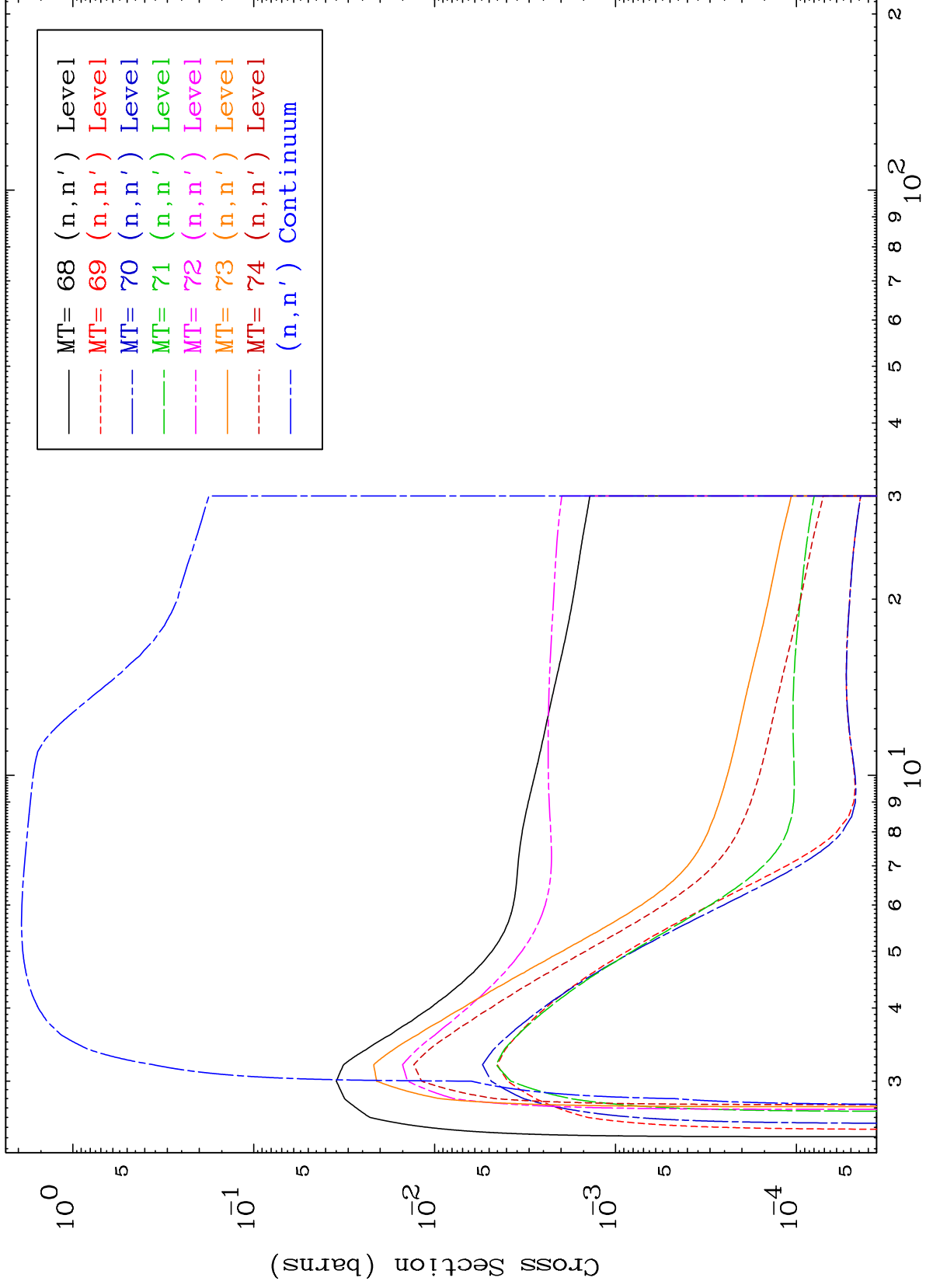


8

Incident Energy (MeV)

51-Sb-115

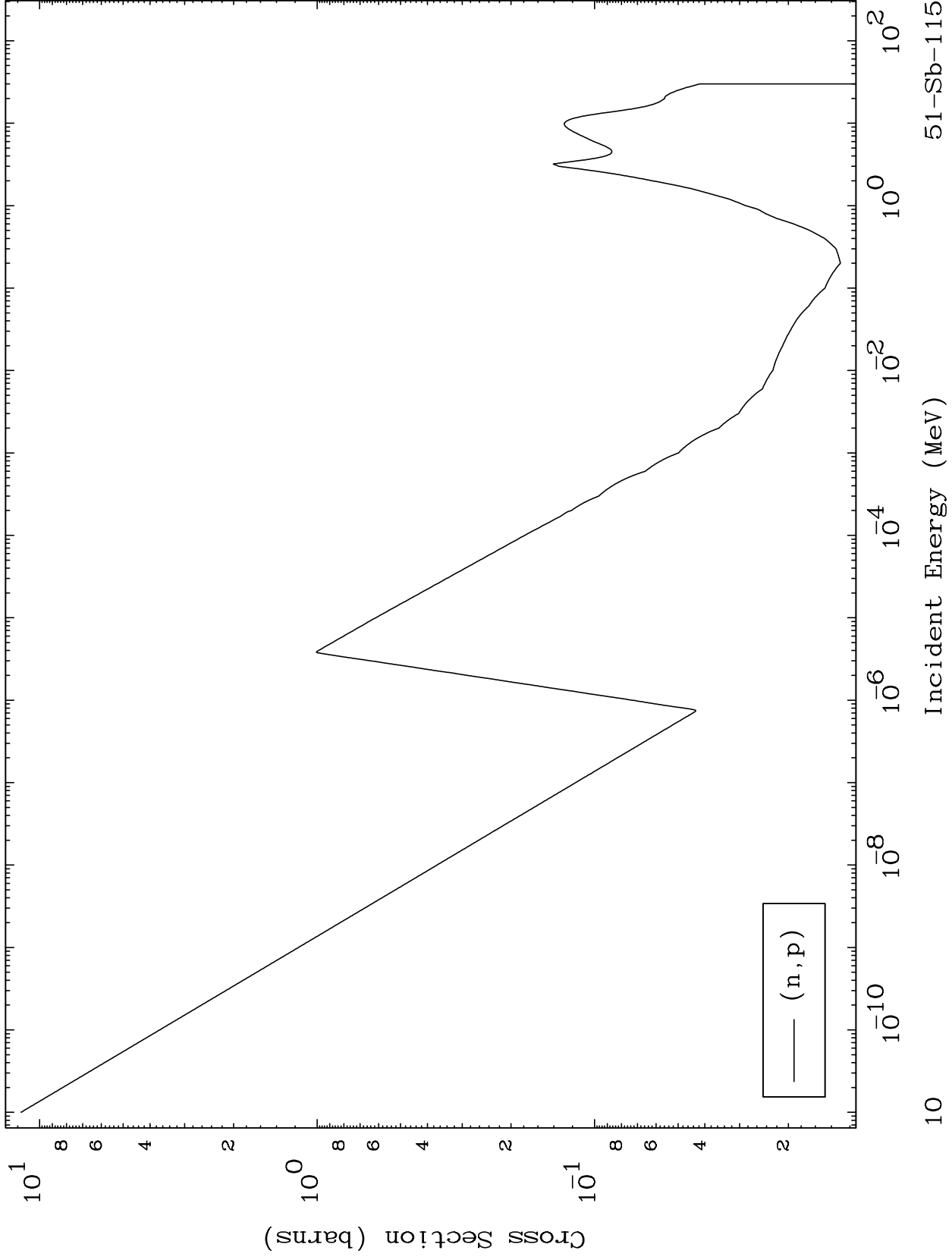
293 Kelvin Cross Sections



MAT 5107

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-115



10

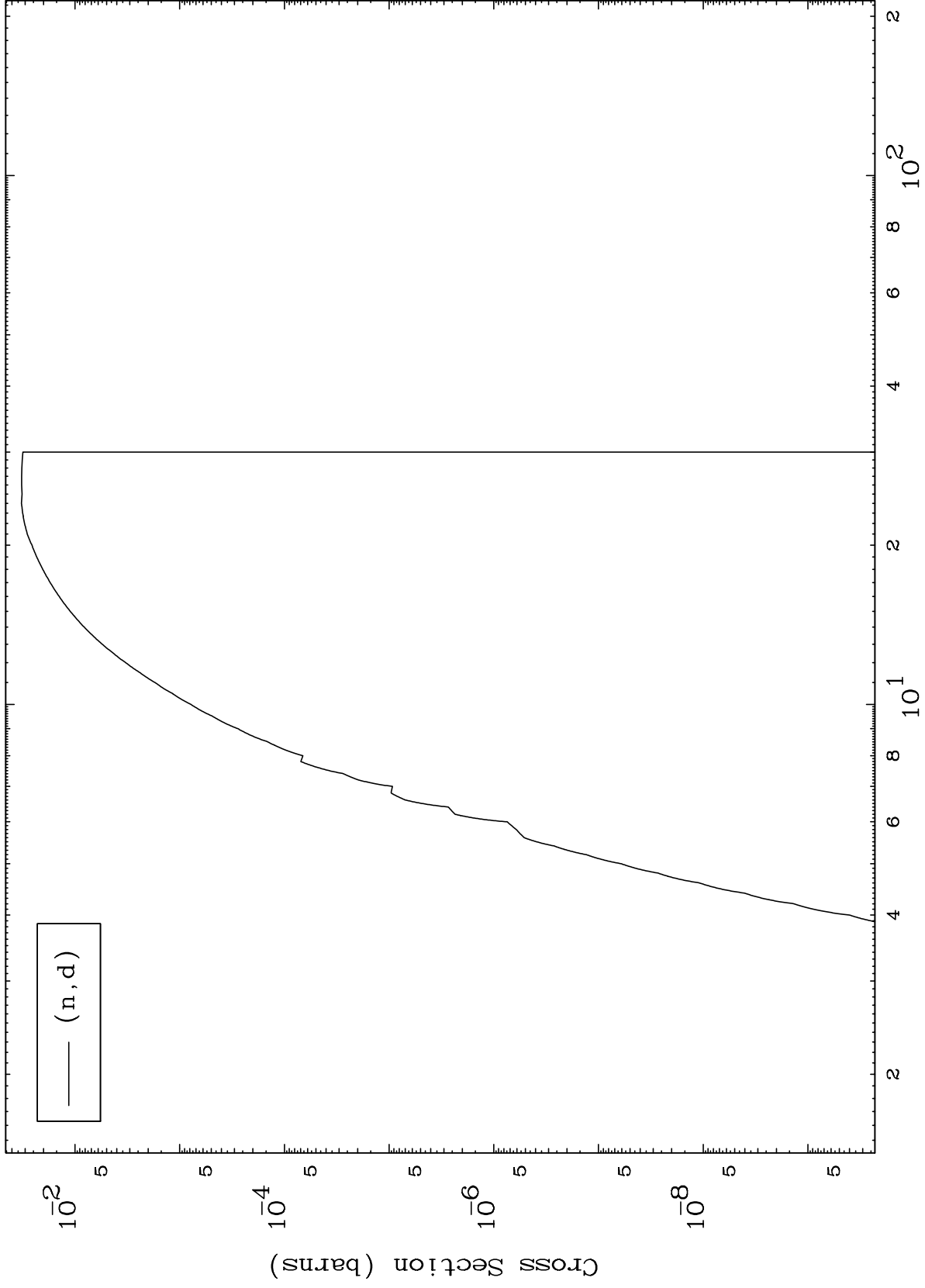
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,d) Levels
293 Kelvin Cross Sections

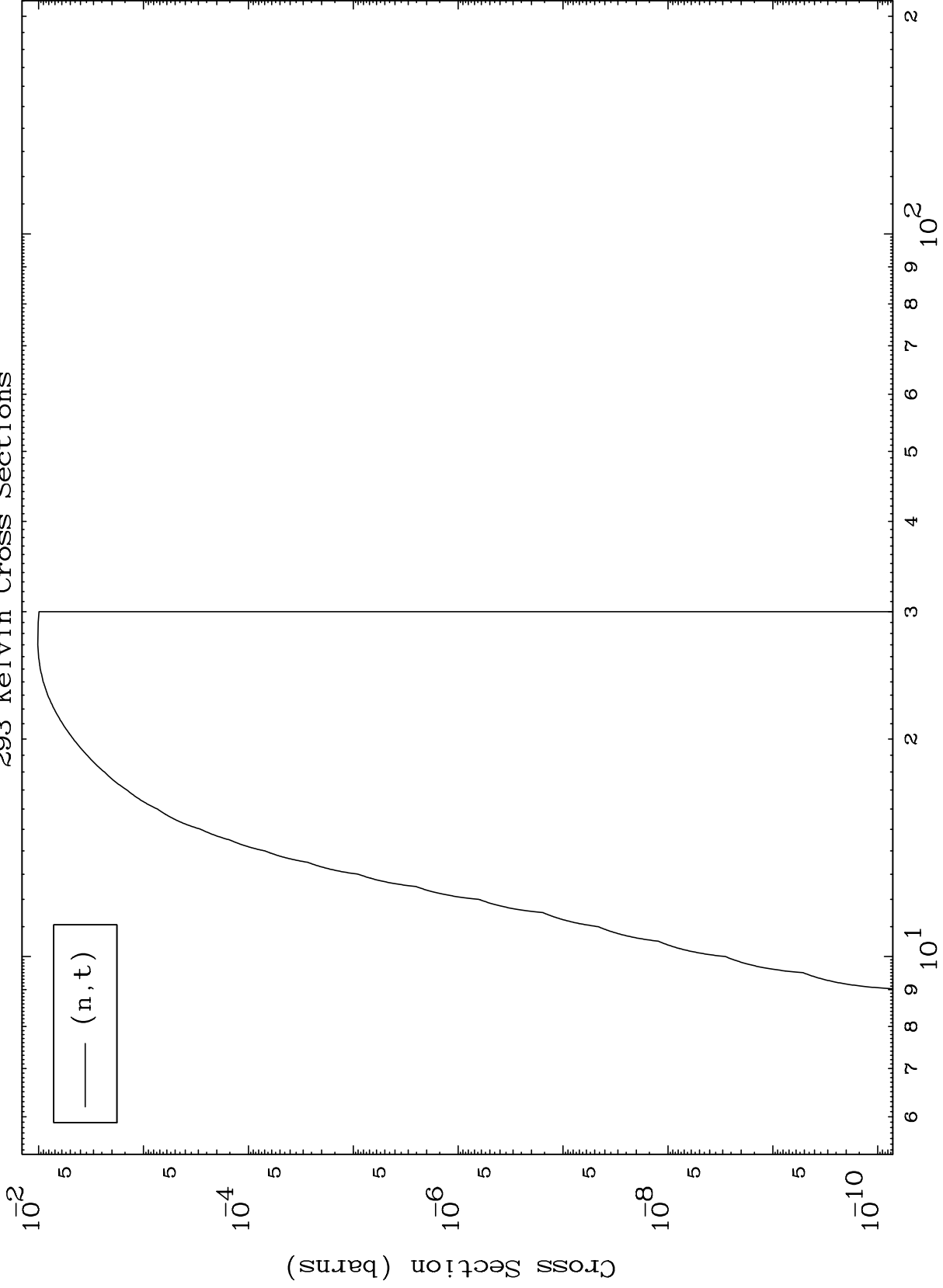
51-Sb-115



MAT 5107

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-115



12

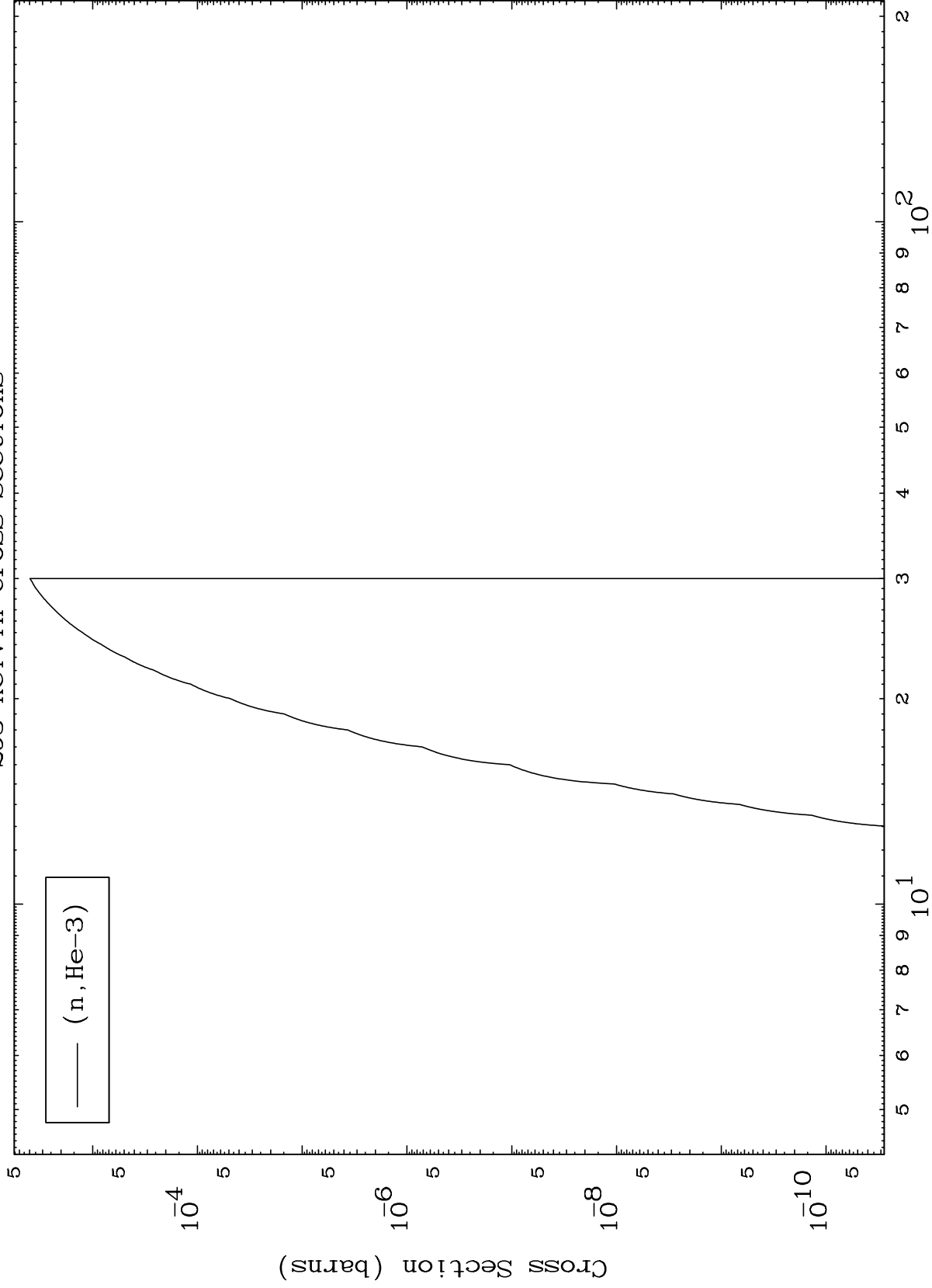
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-115



13

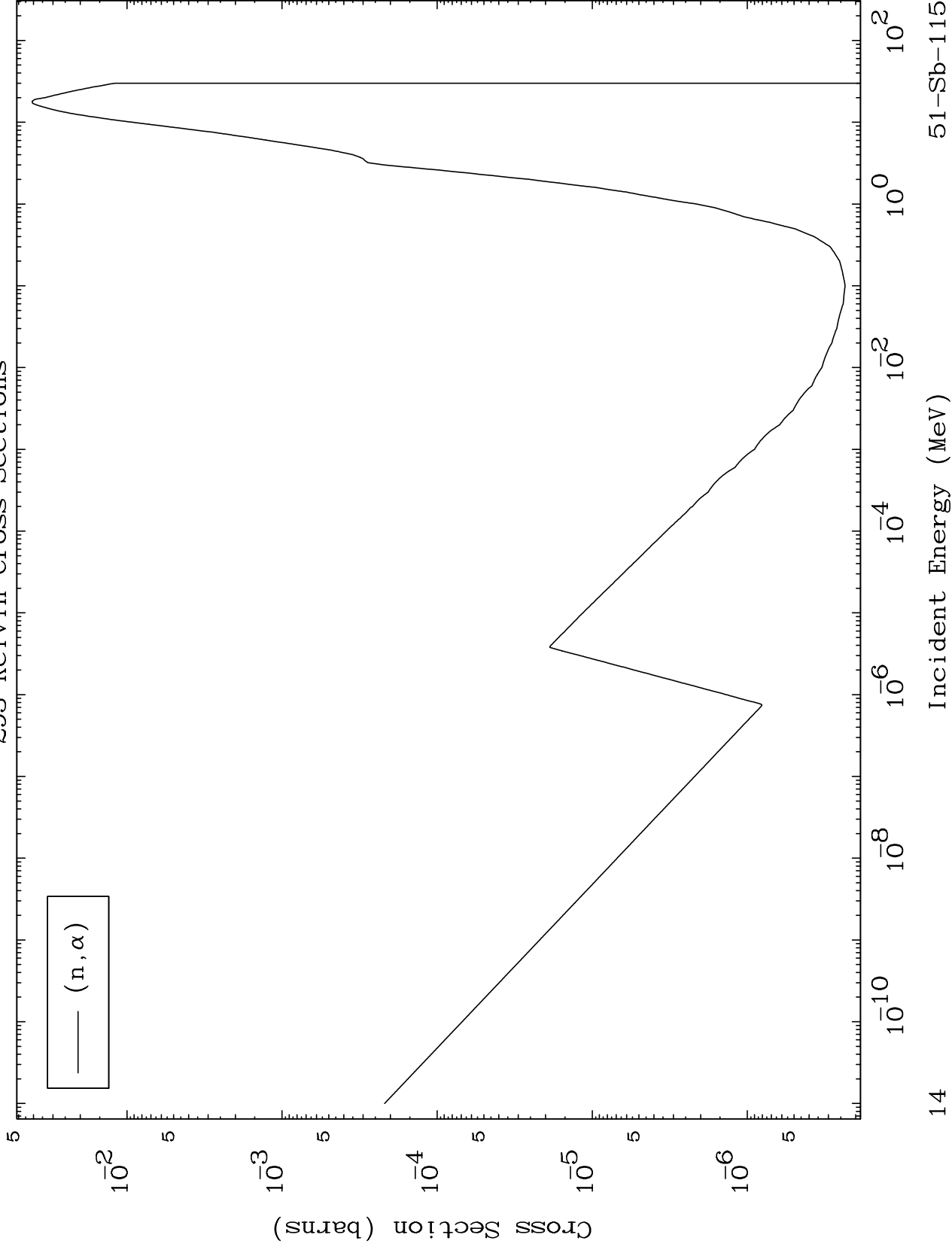
Incident Energy (MeV)

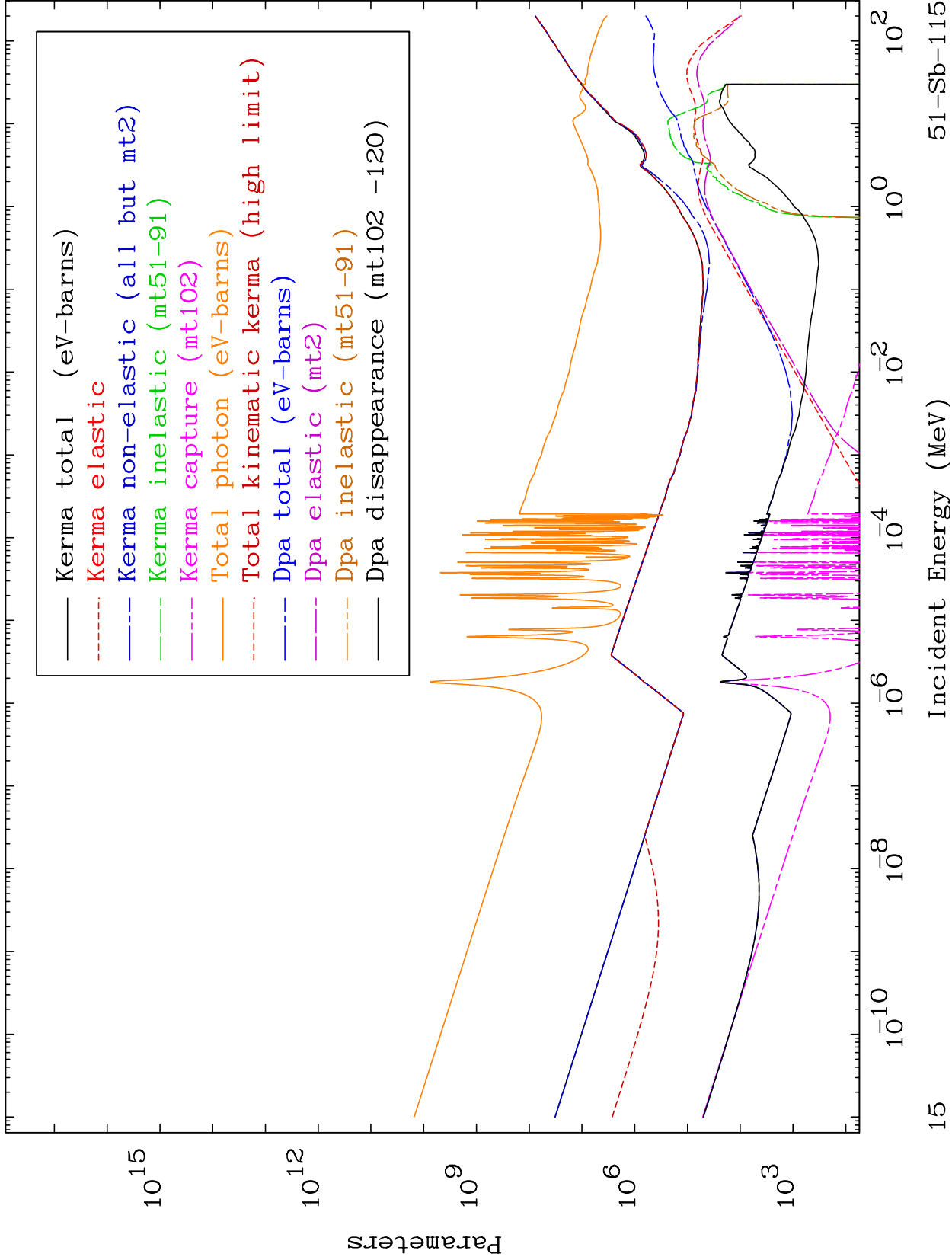
51-Sb-115

MAT 5107

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-115

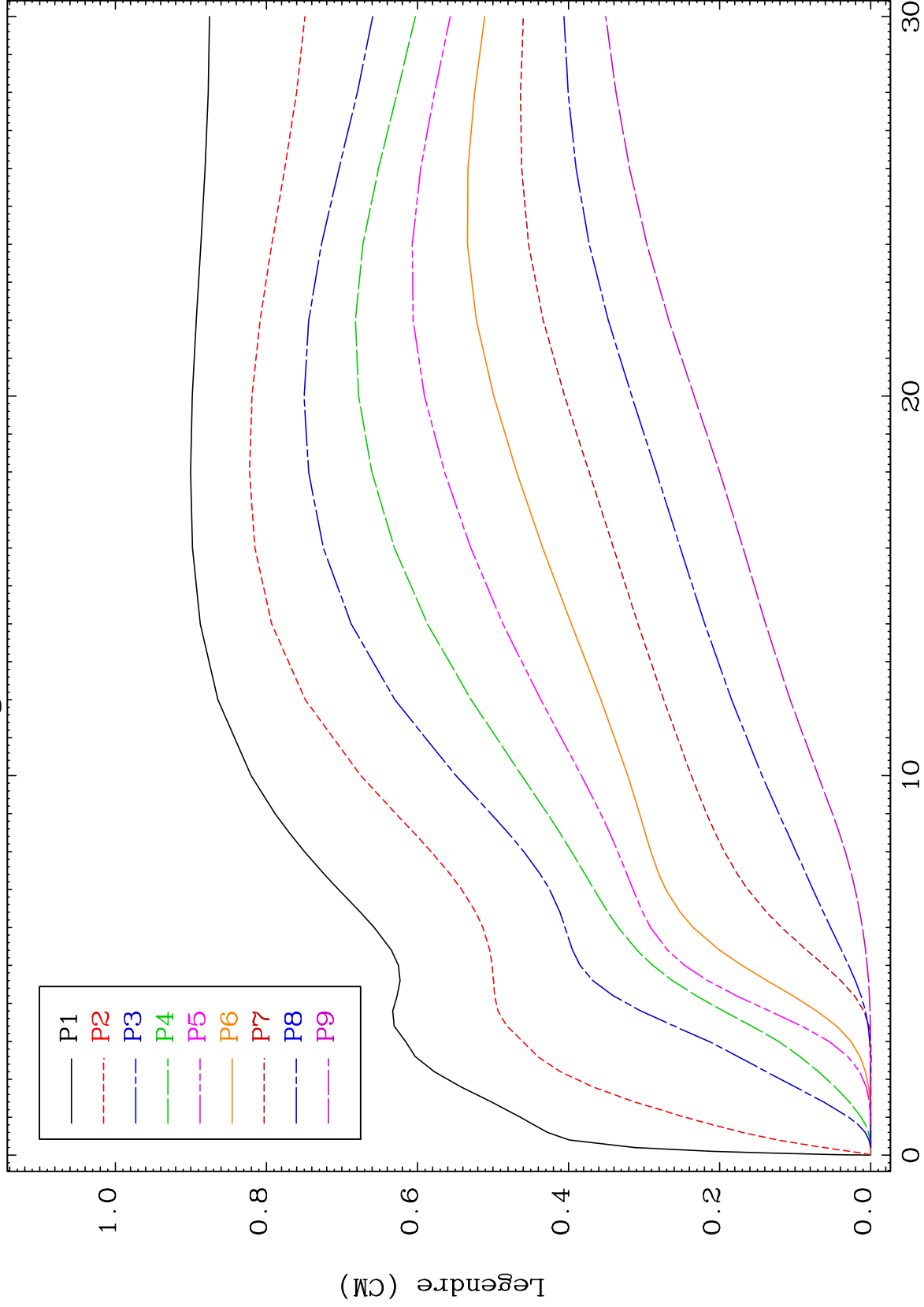




MAT 5107

Elastic Legendre Coefficients

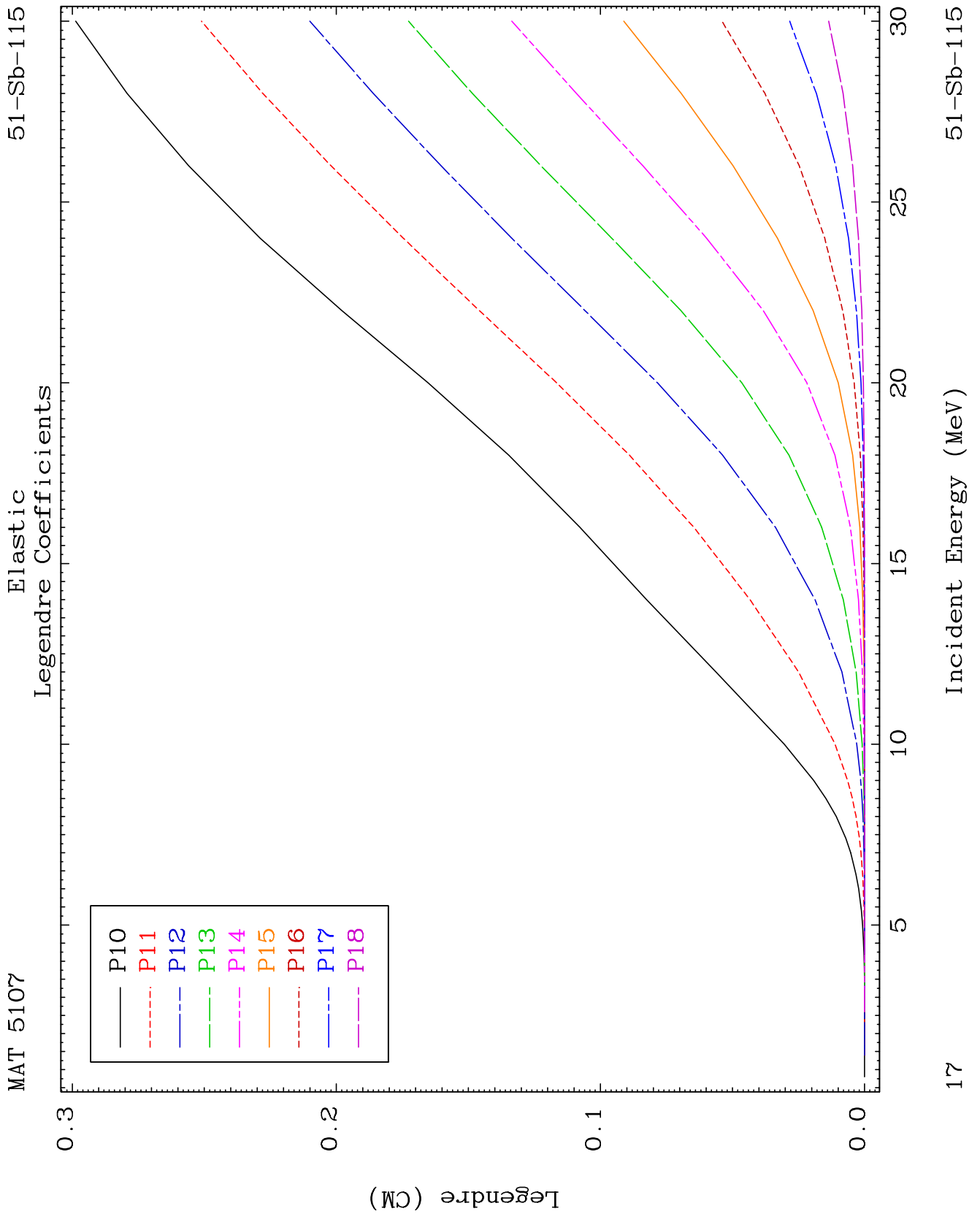
51-Sb-115



16

Incident Energy (MeV)

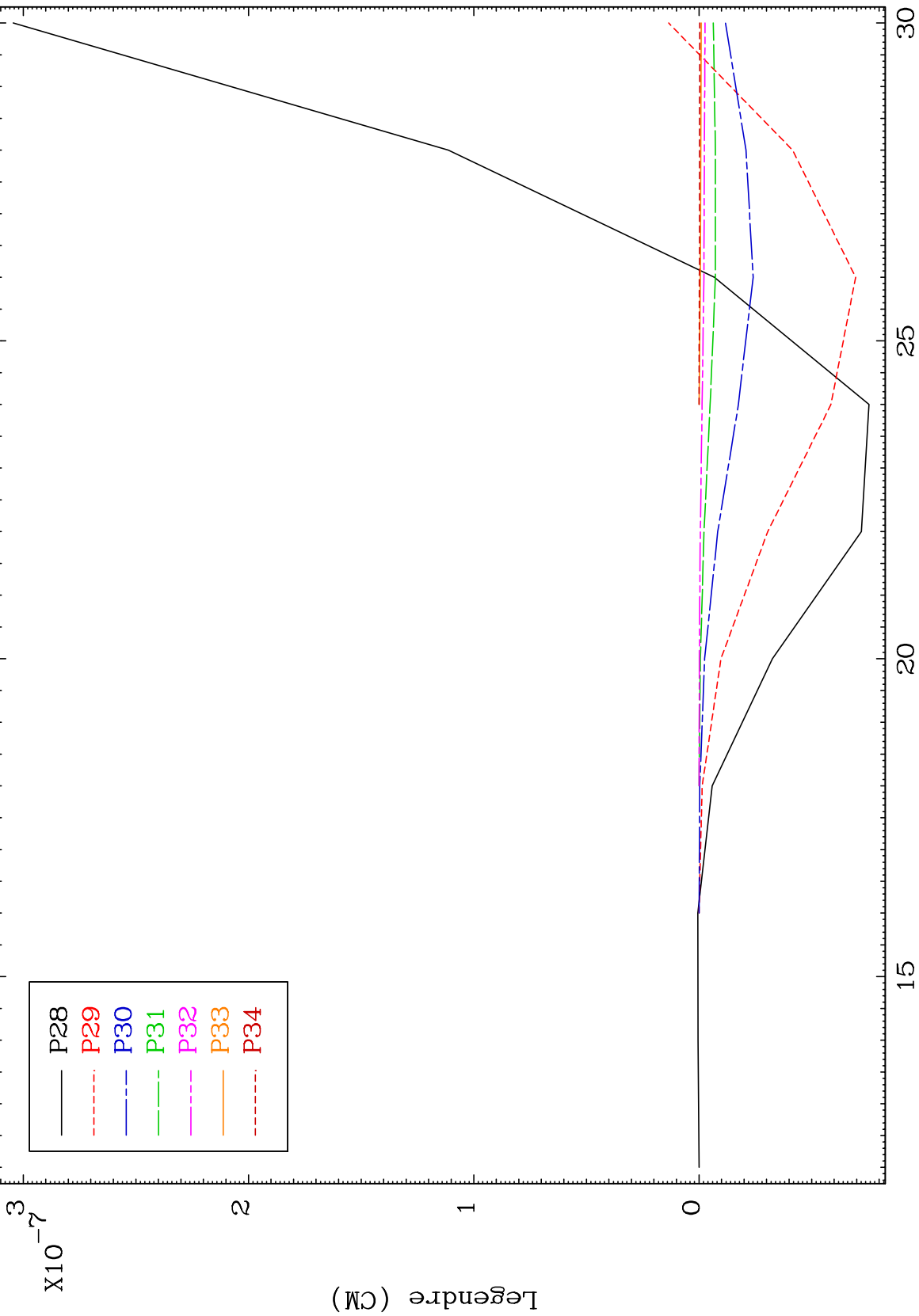
51-Sb-115



MAT 5107

Elastic Legendre Coefficients

51-Sb-115



19

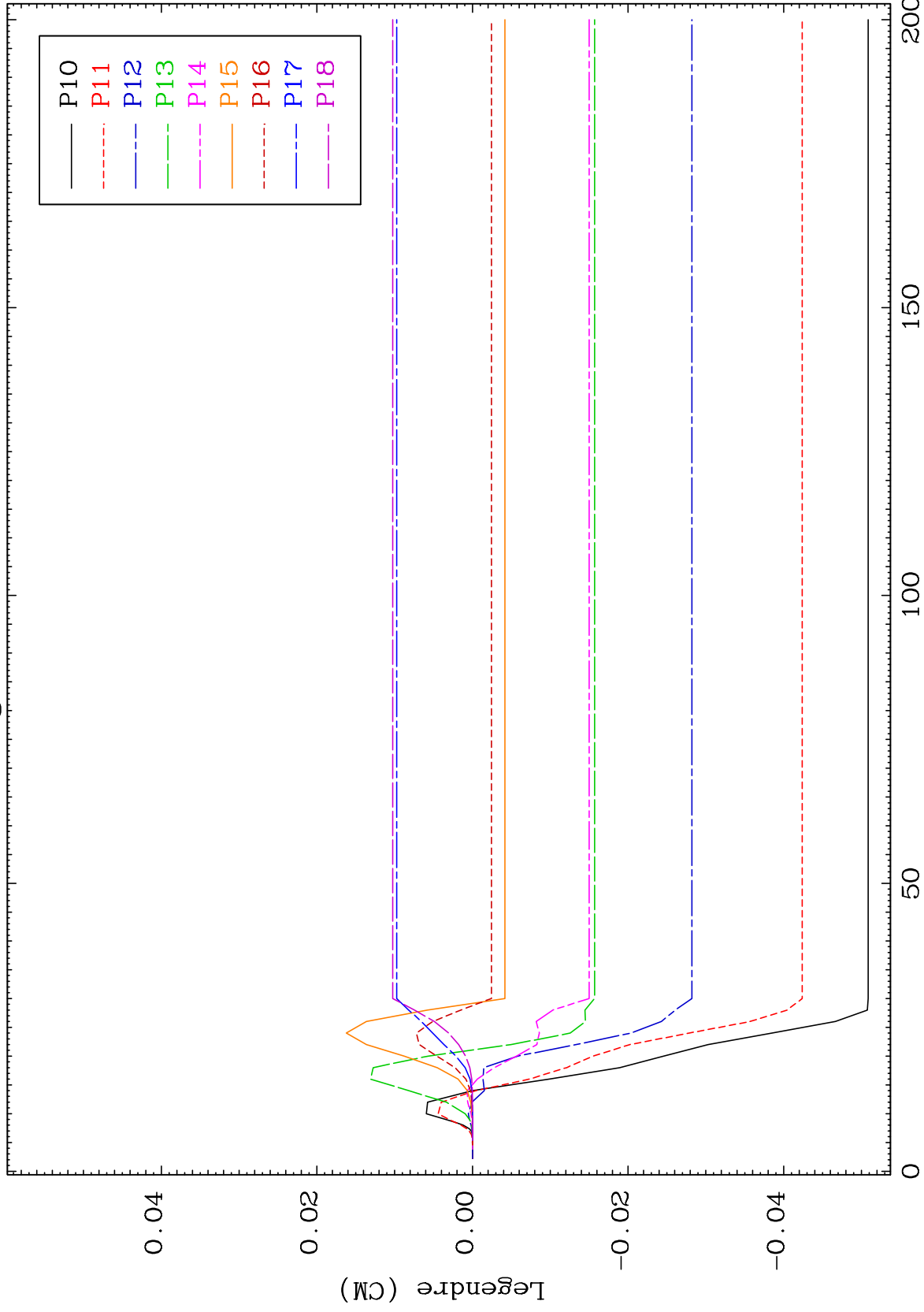
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



21

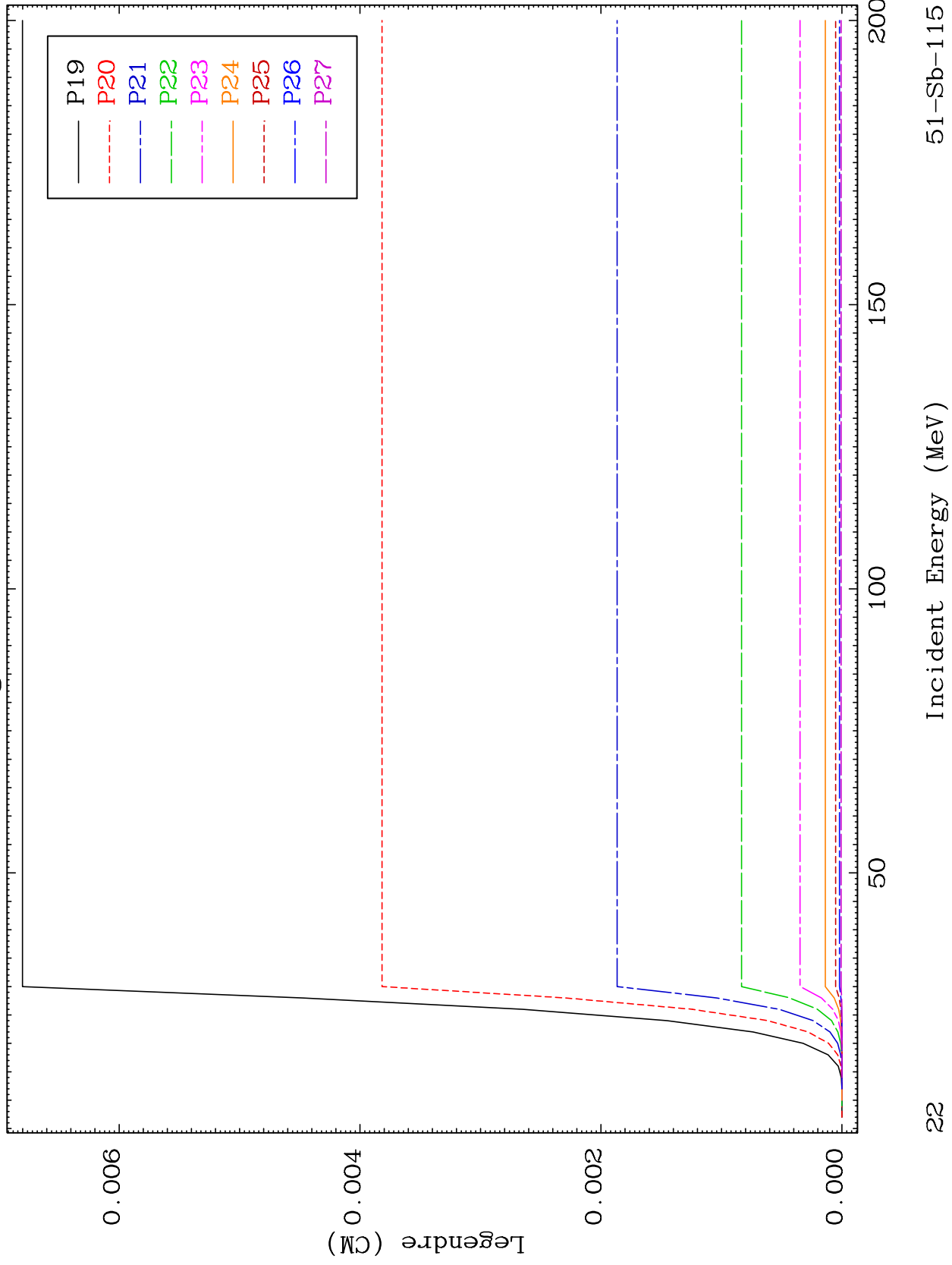
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



22

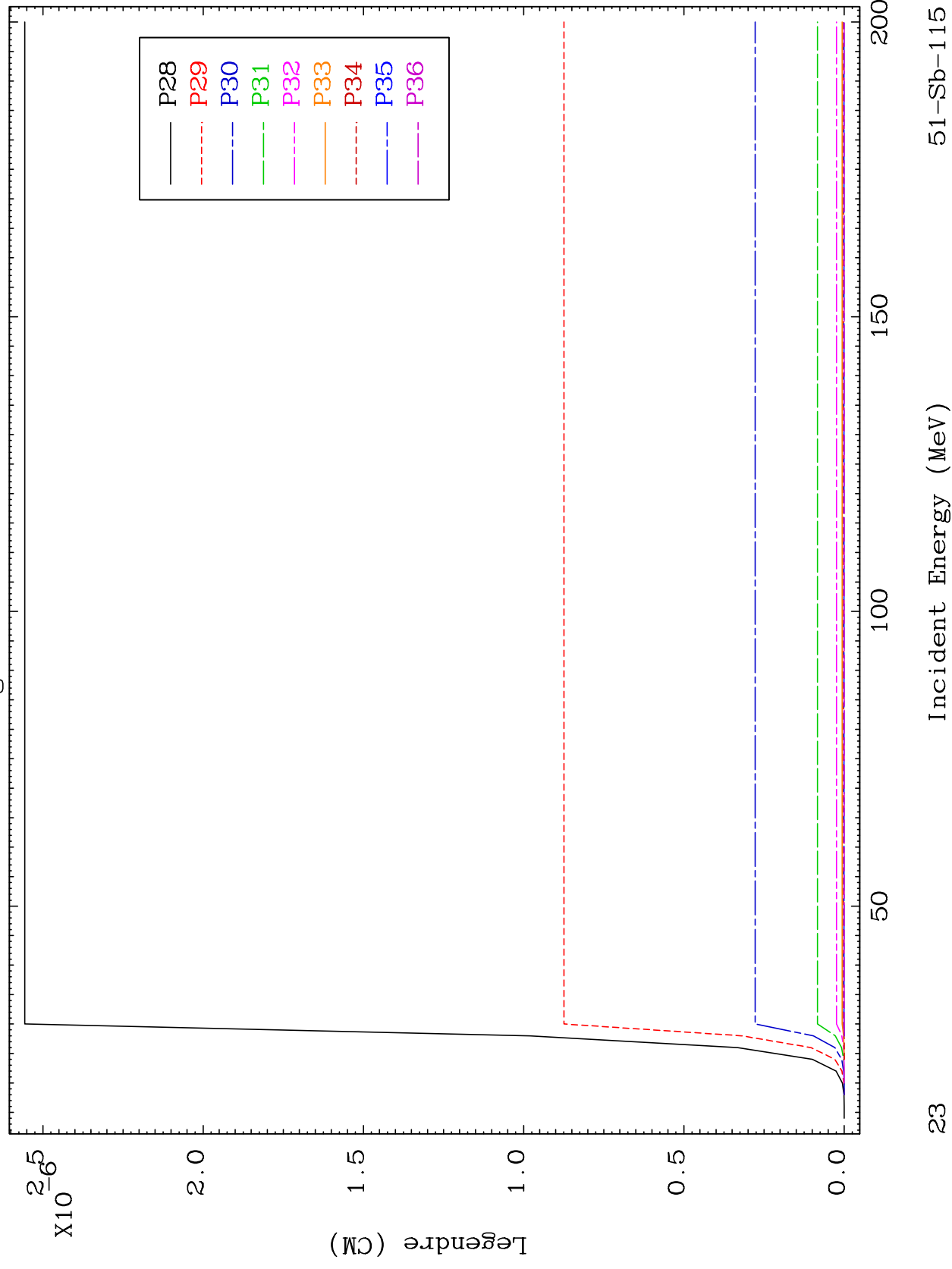
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



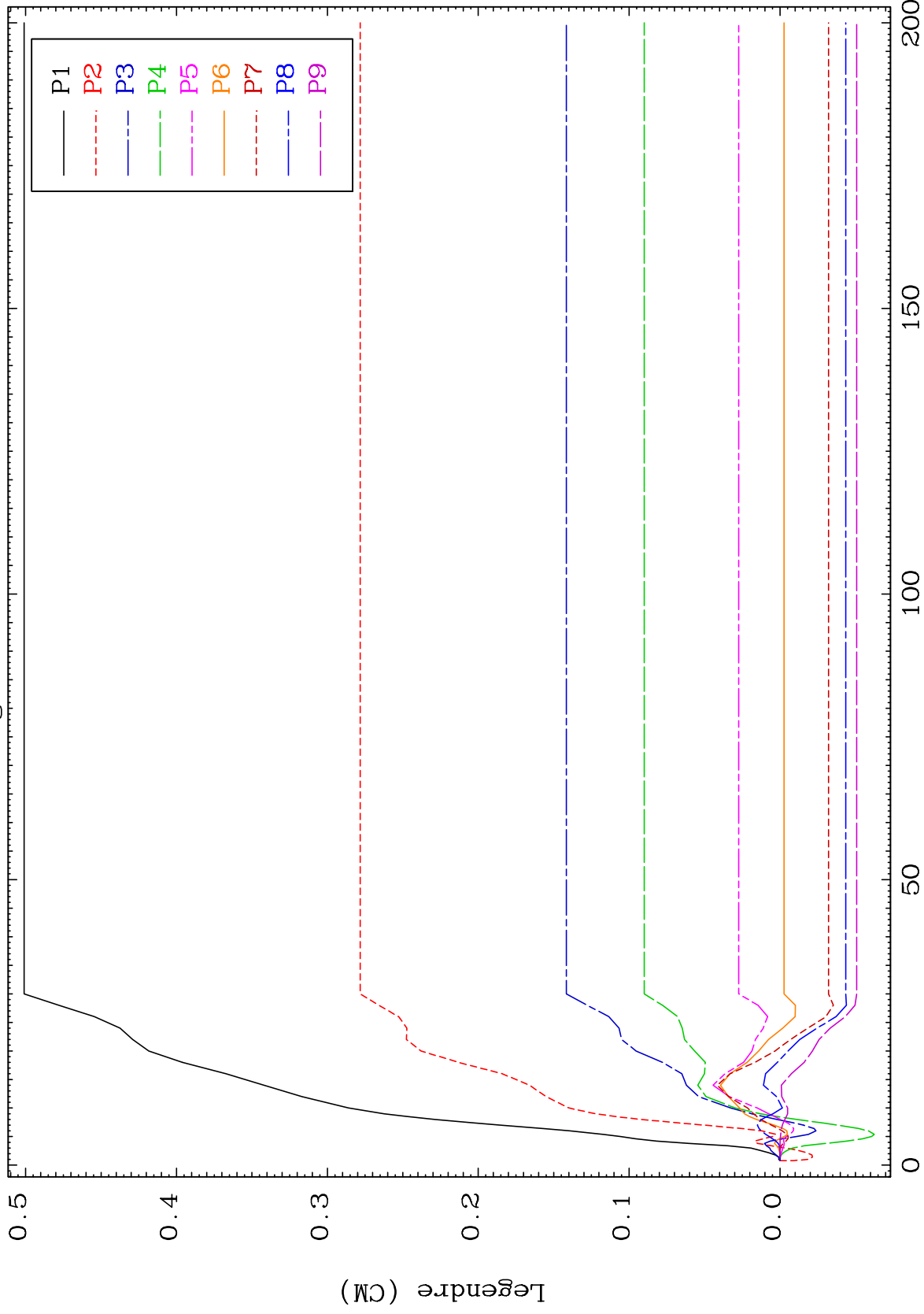
23

51-Sb-115

MAT 5107

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

51-Sb-115



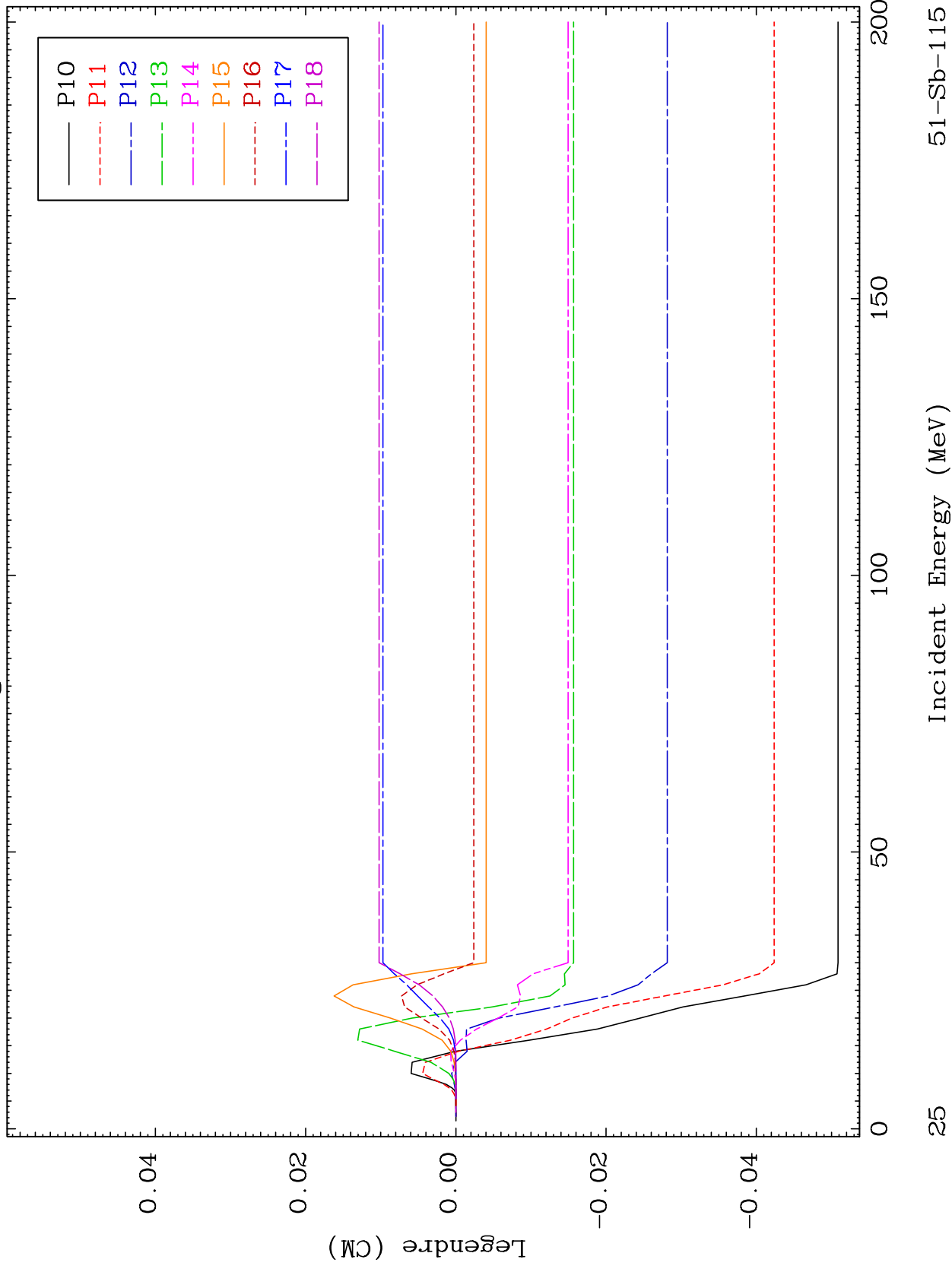
24

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

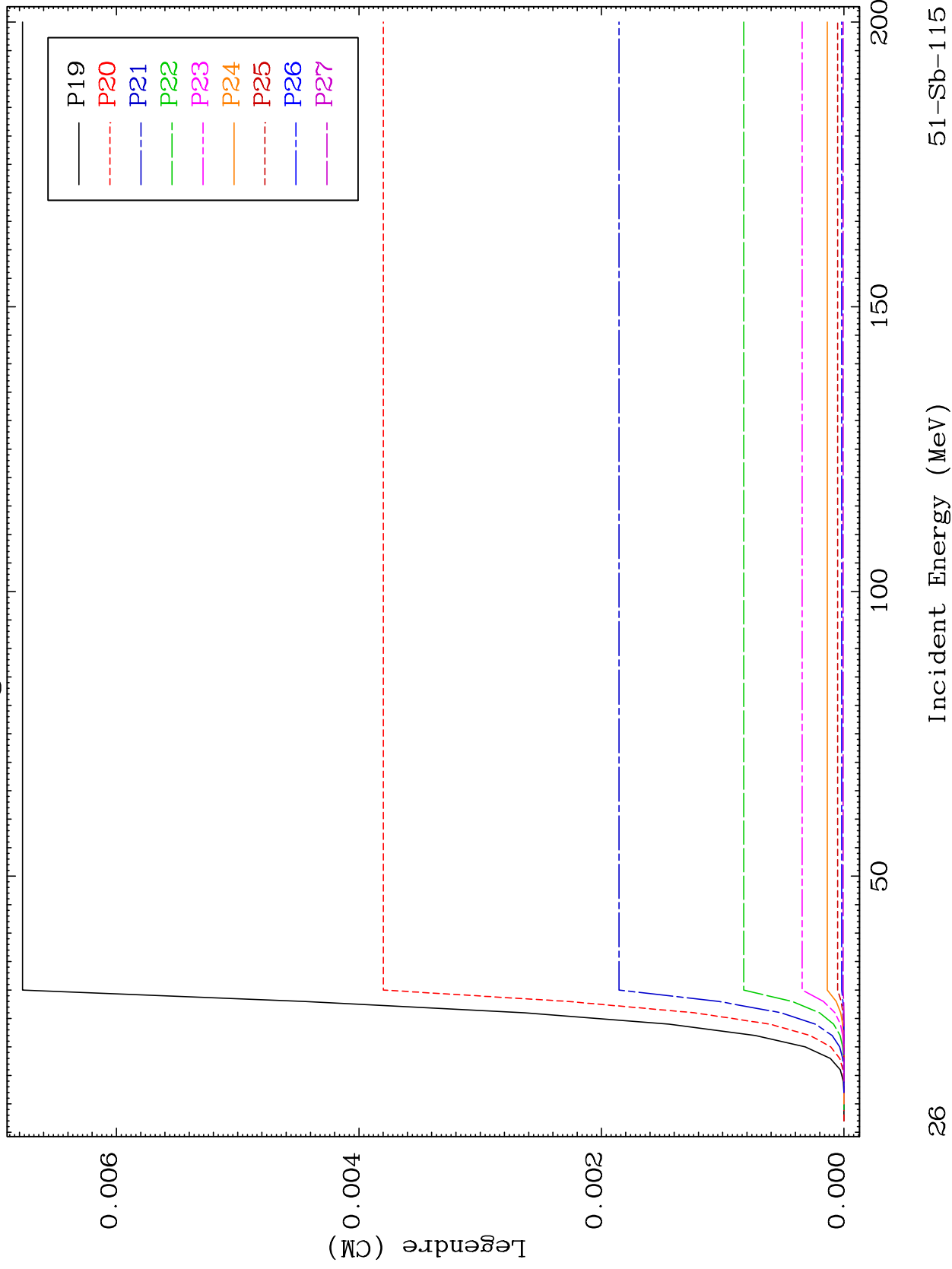
Incident Energy (MeV)

25

MAT 5107

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

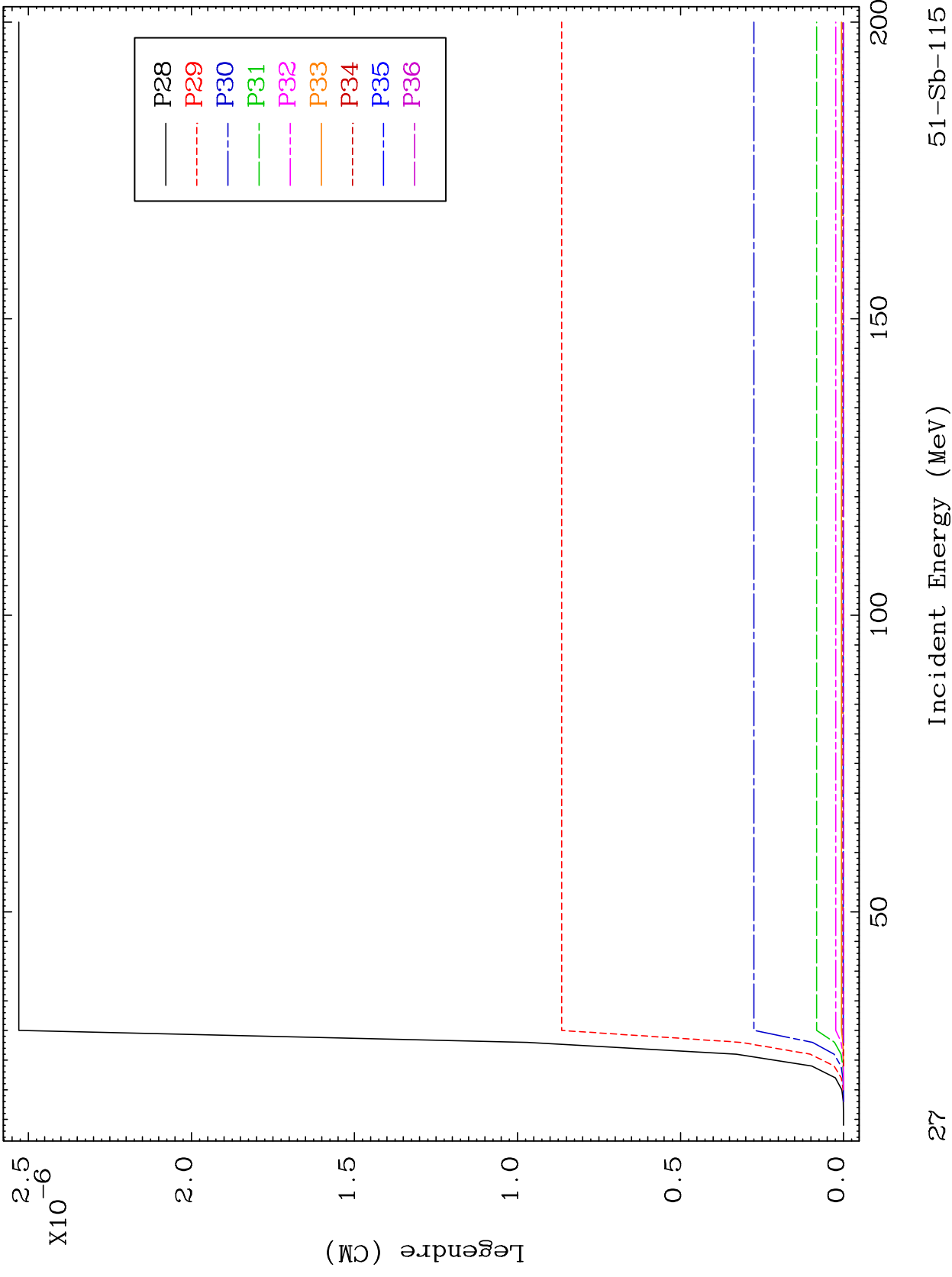
51-Sb-115



26

Incident Energy (MeV)

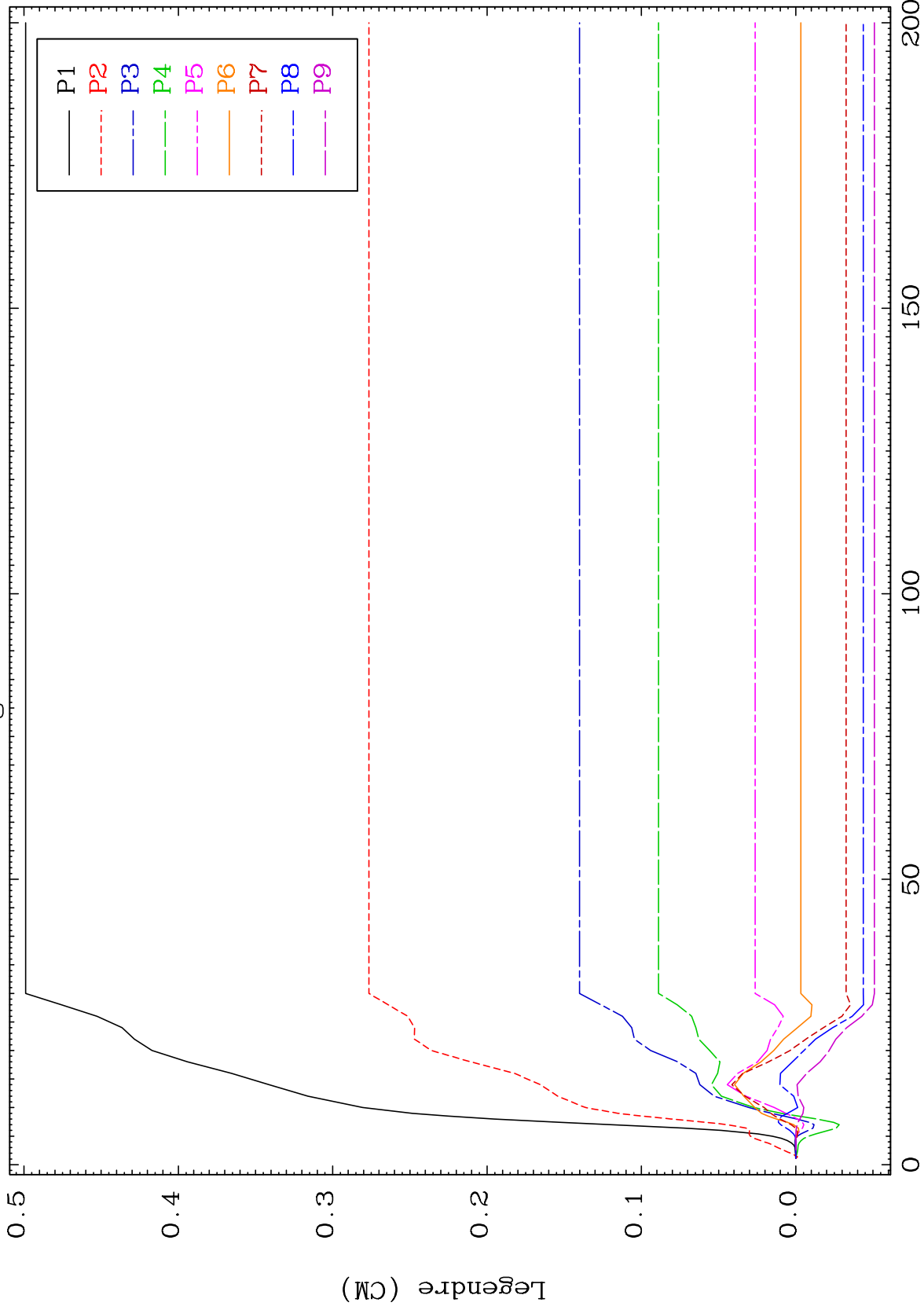
51-Sb-115



MAT 5107

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

51-Sb-115



51-Sb-115

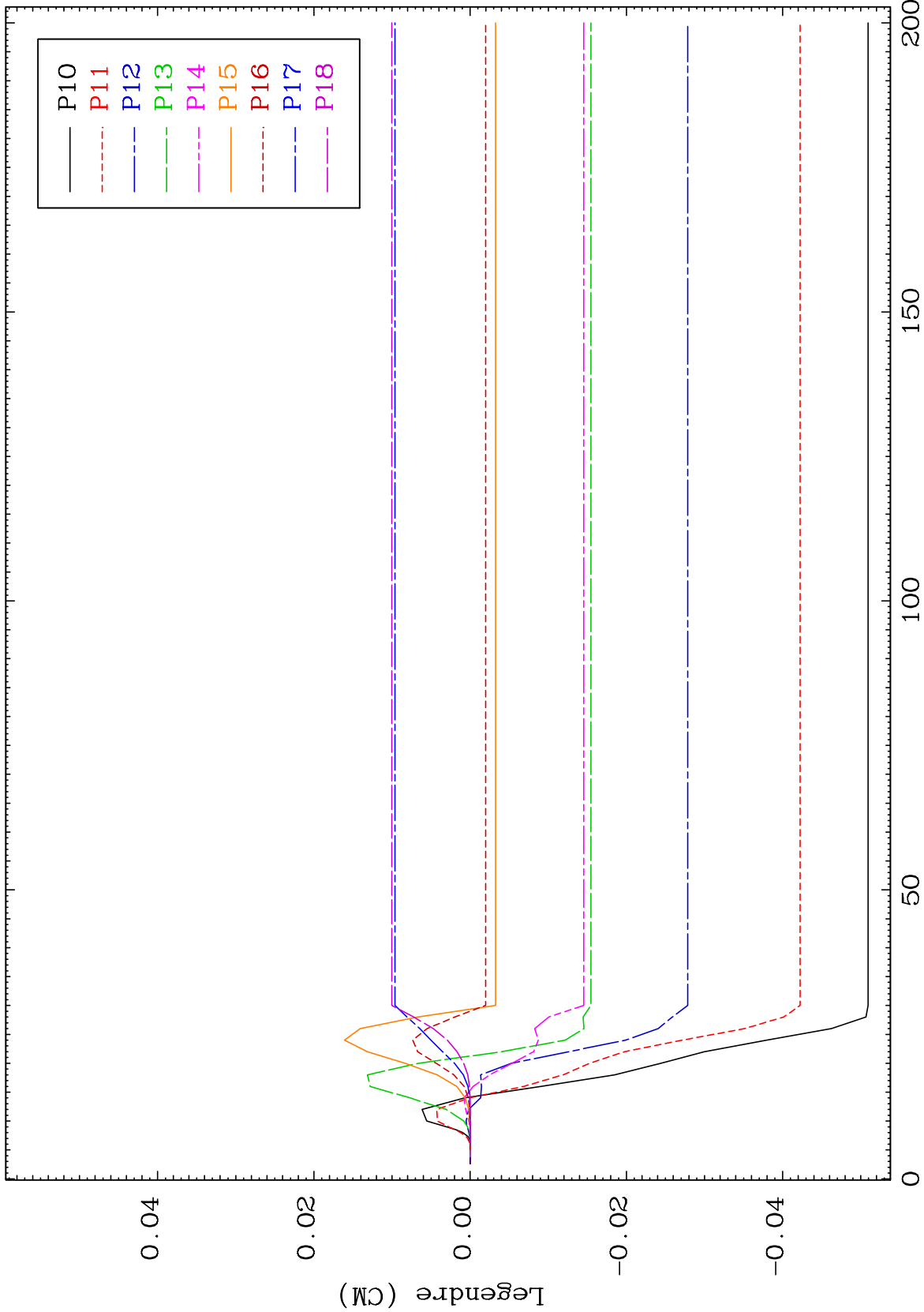
Incident Energy (MeV)

28

MAT 5107

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

51-Sb-115



29

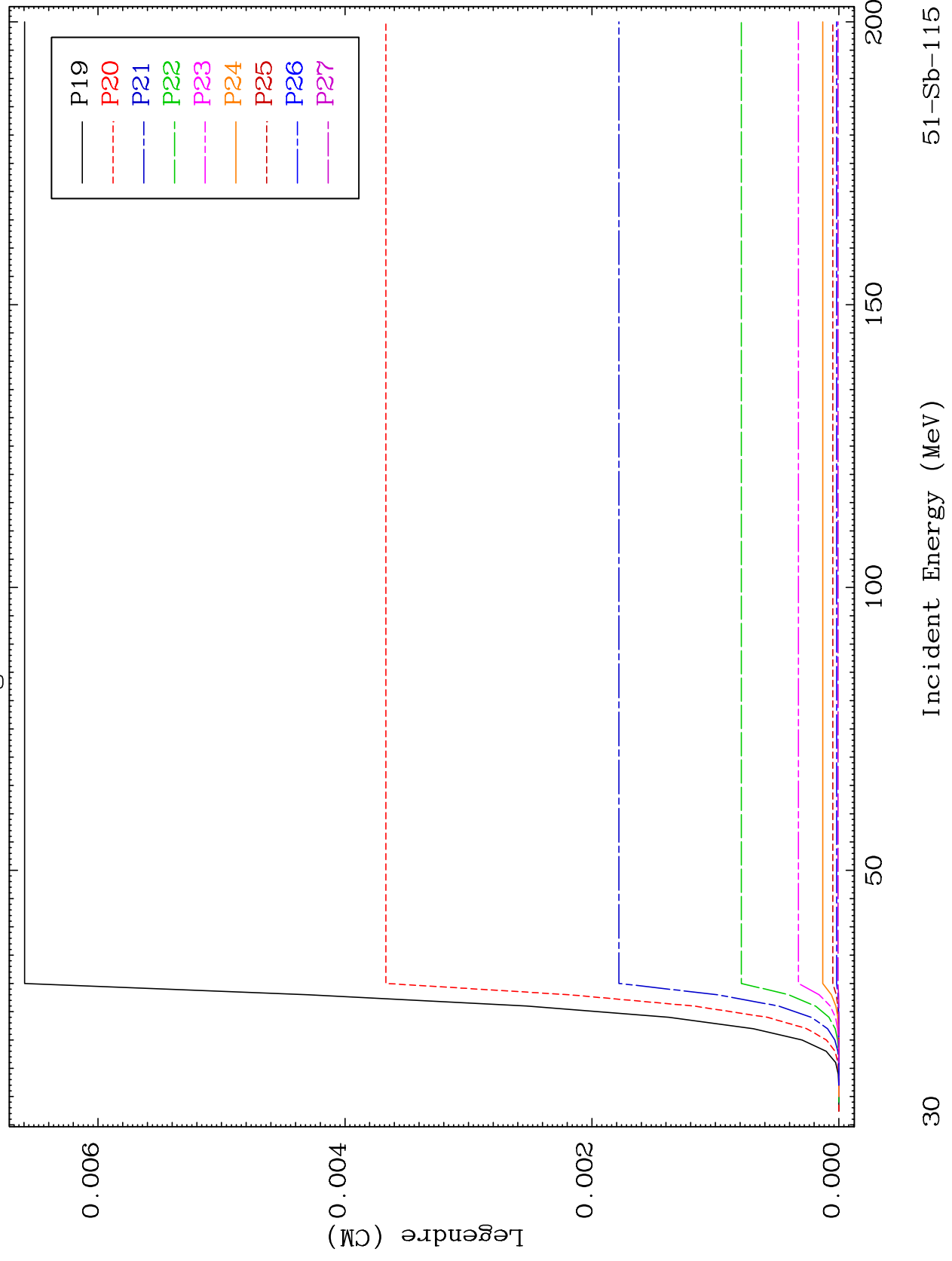
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



30

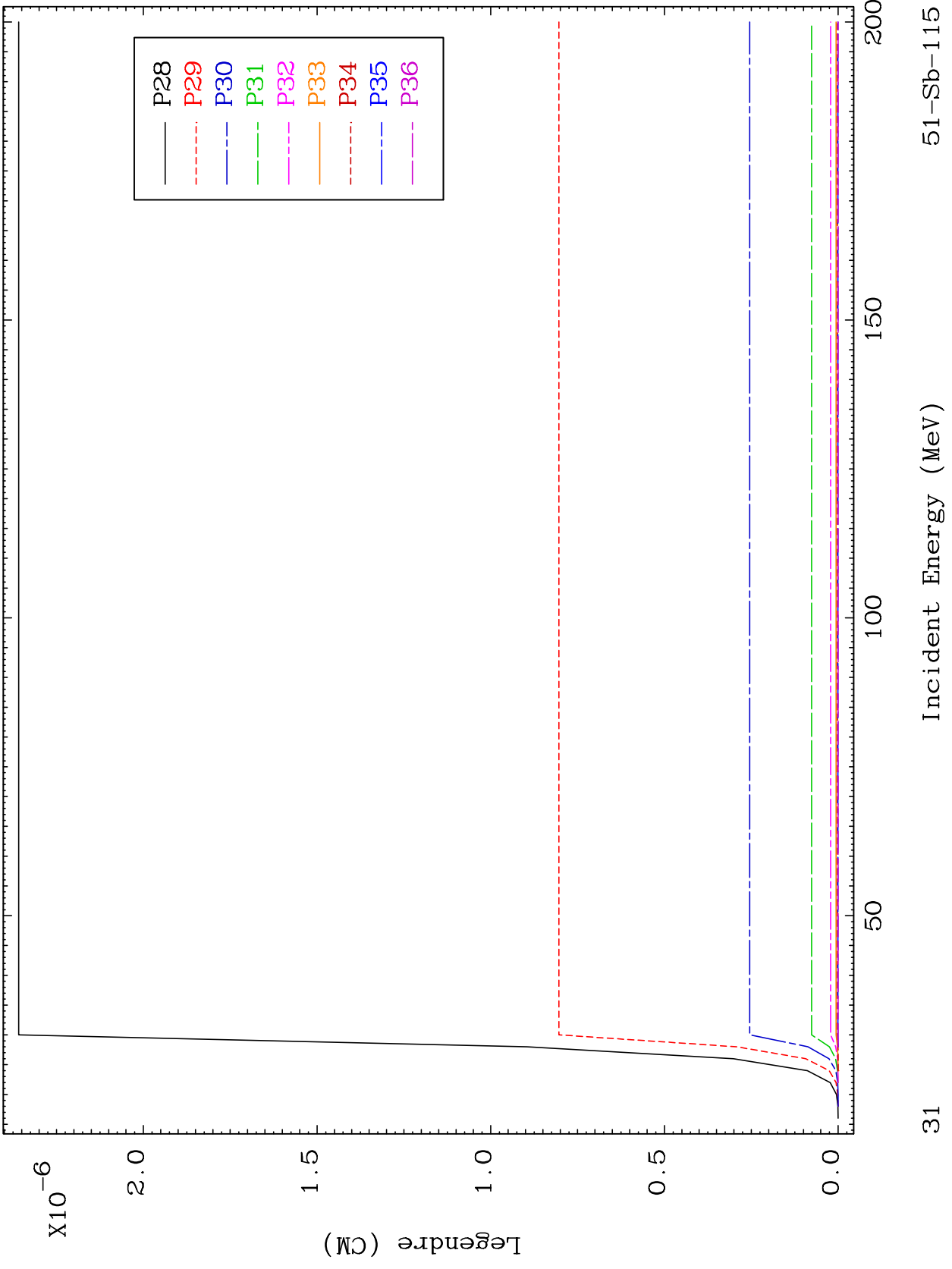
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



31

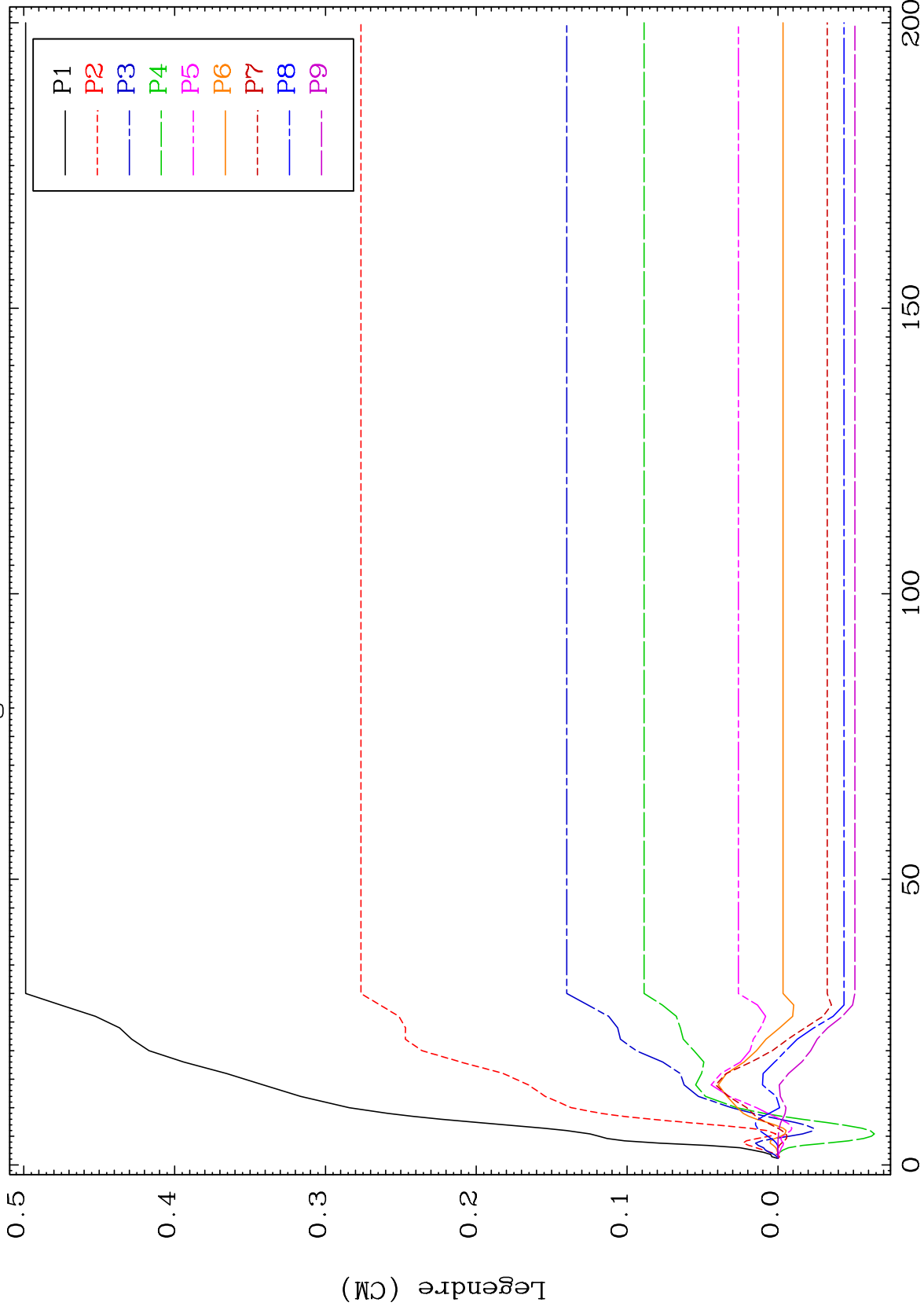
51-Sb-115

MAT 5107

MT= 54 (n,n') Level

51-Sb-115

Legendre Coefficients



51-Sb-115

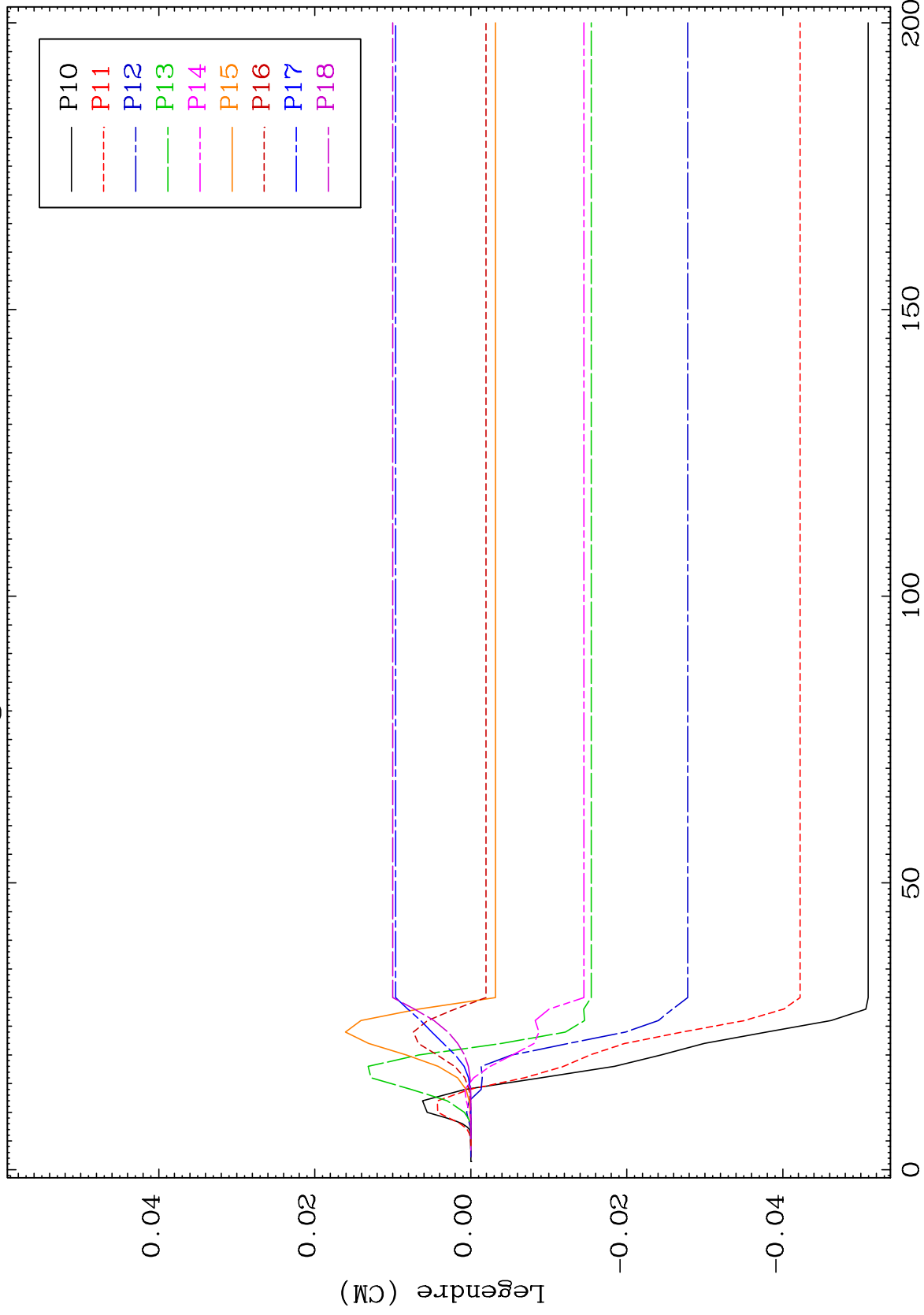
Incident Energy (MeV)

32

MAT 5107

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

51-Sb-115



33

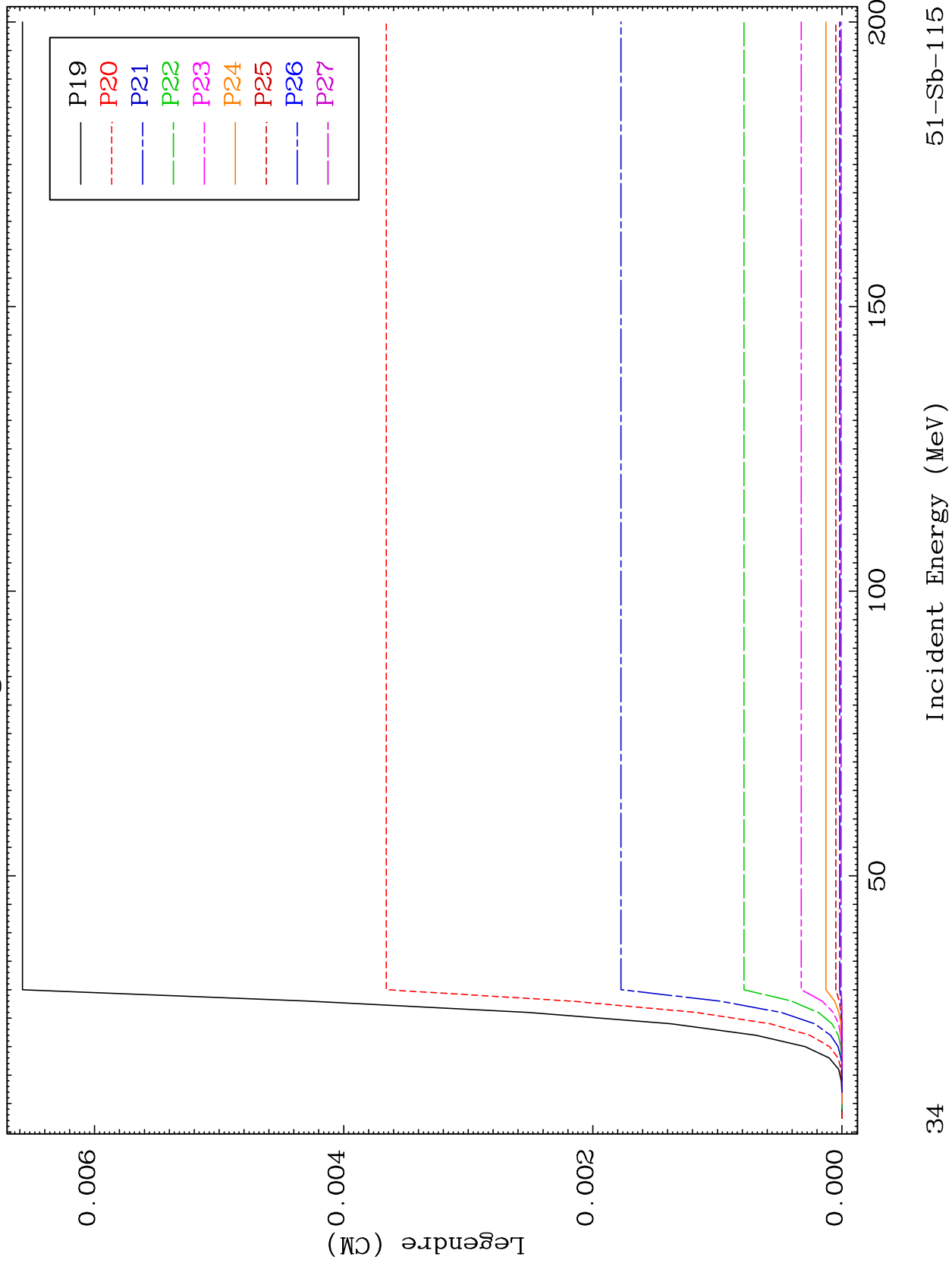
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



34

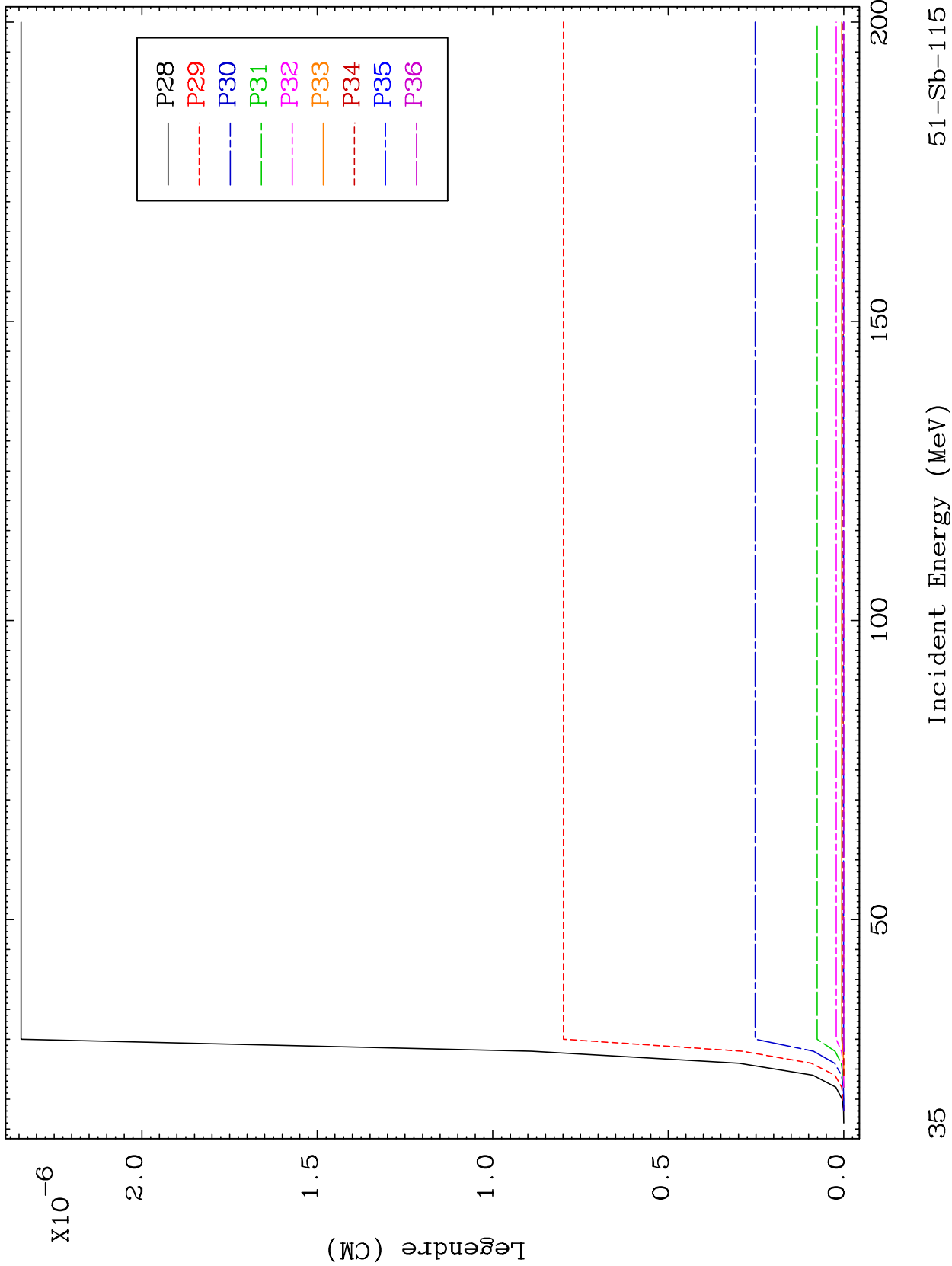
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



35

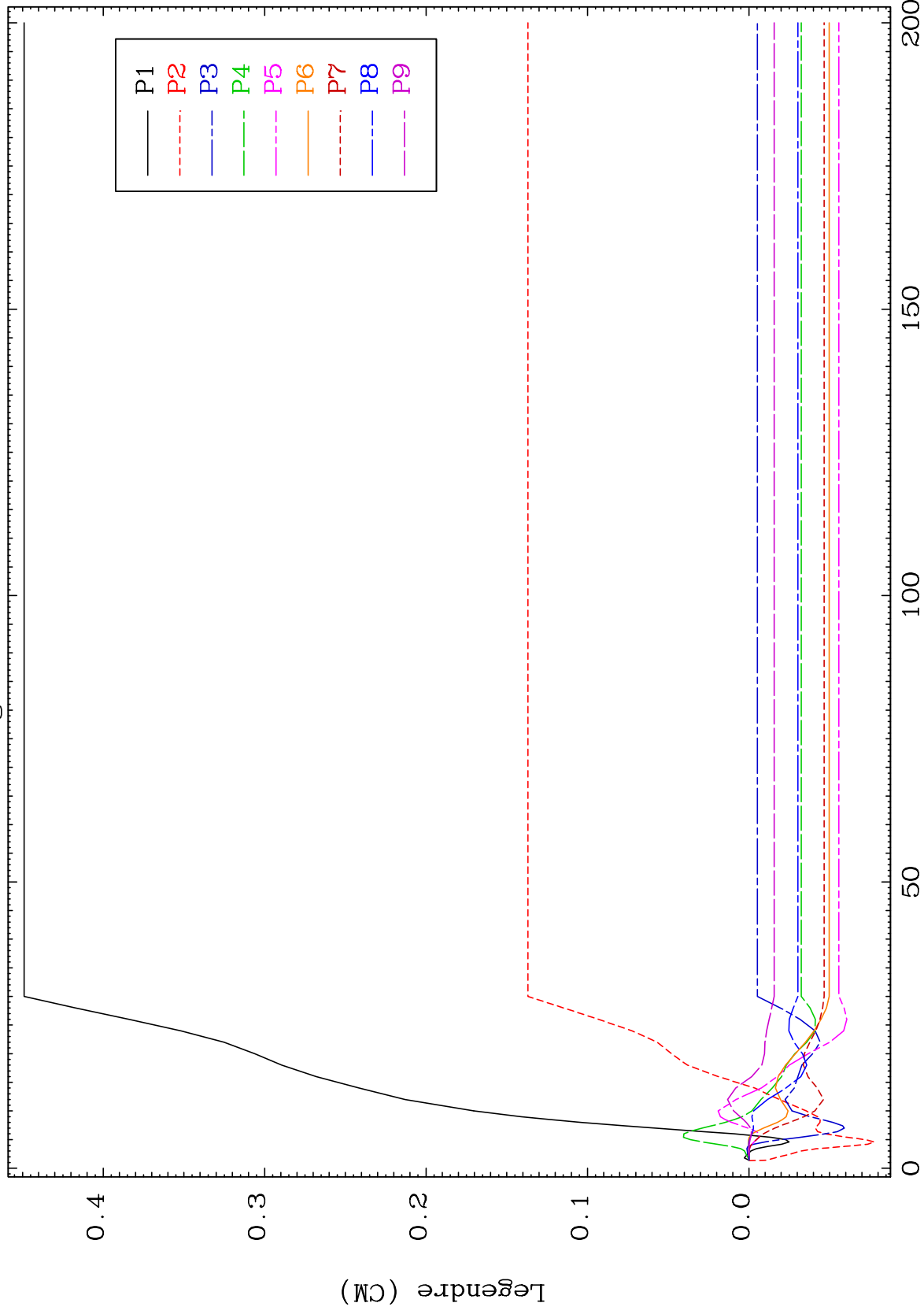
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

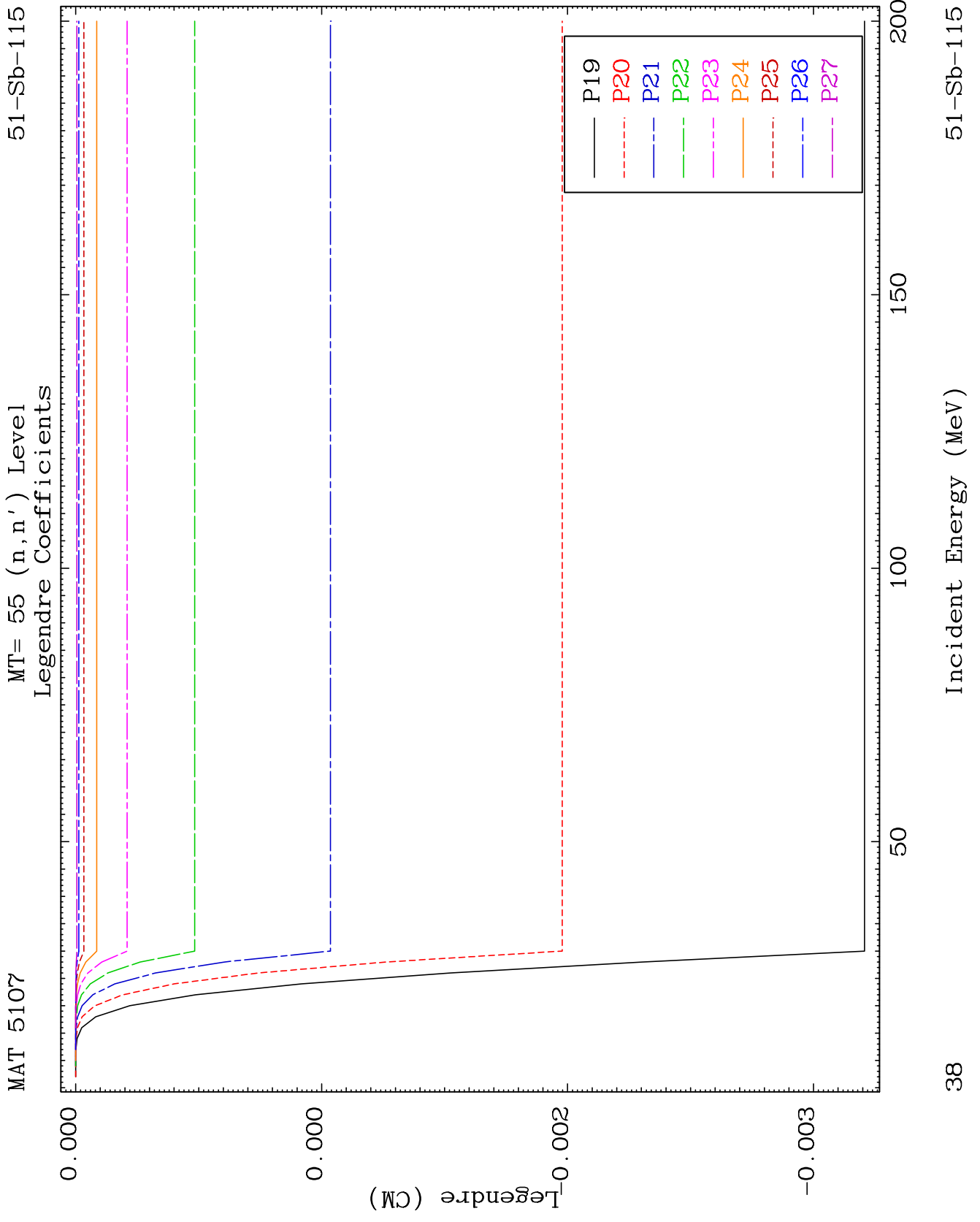
51-Sb-115

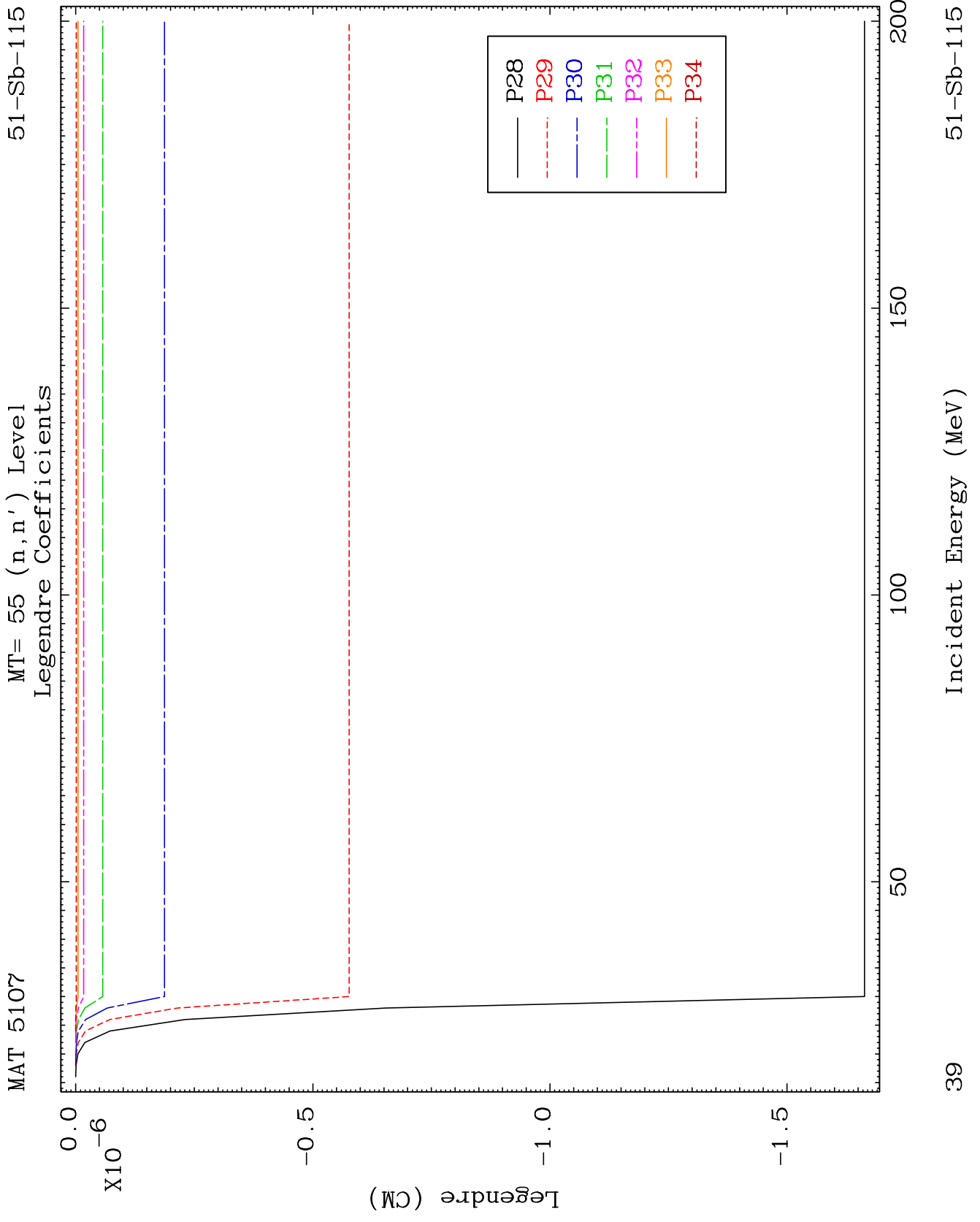


36

Incident Energy (MeV)

51-Sb-115

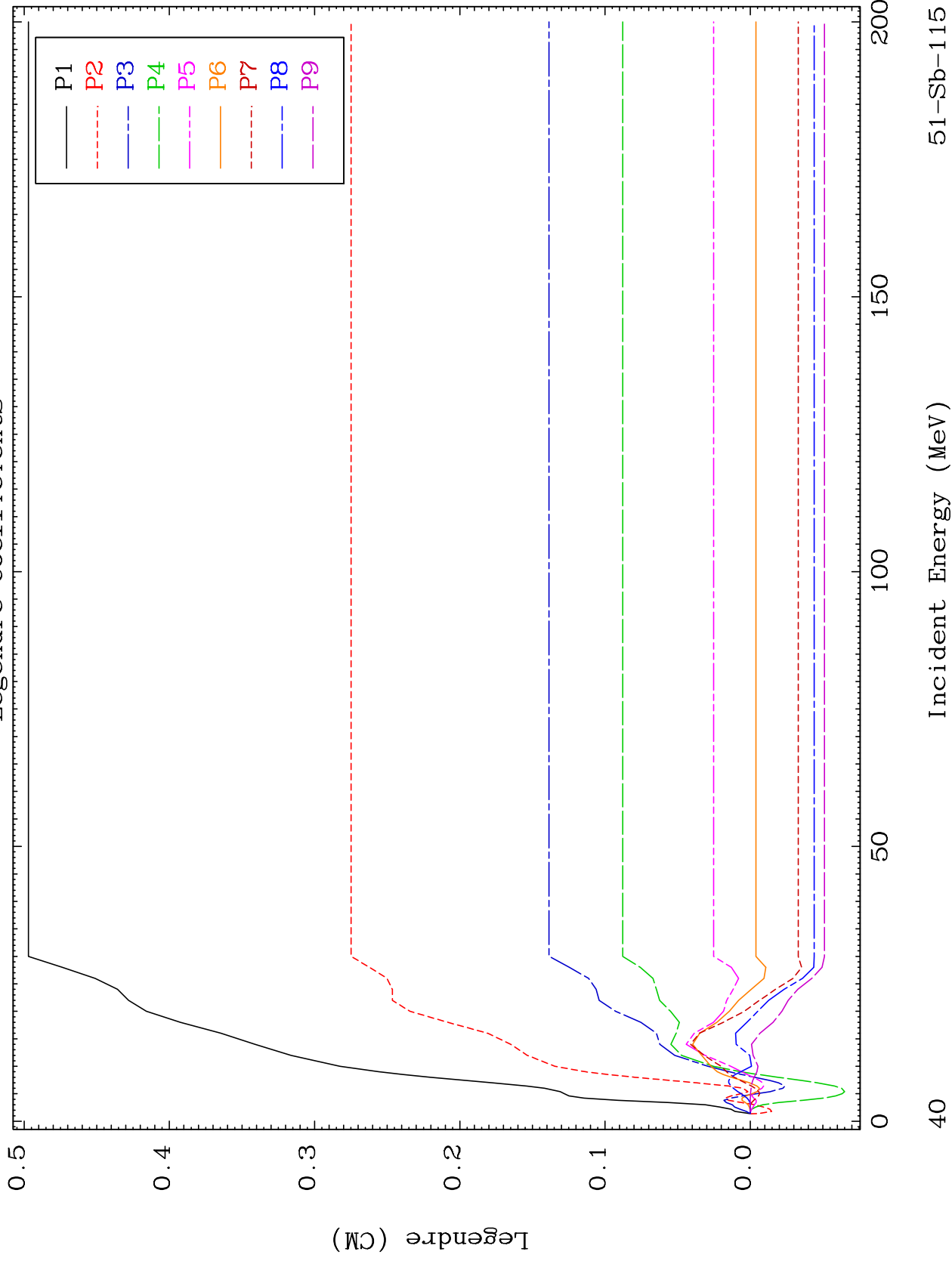




MAT 5107

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

51-Sb-115



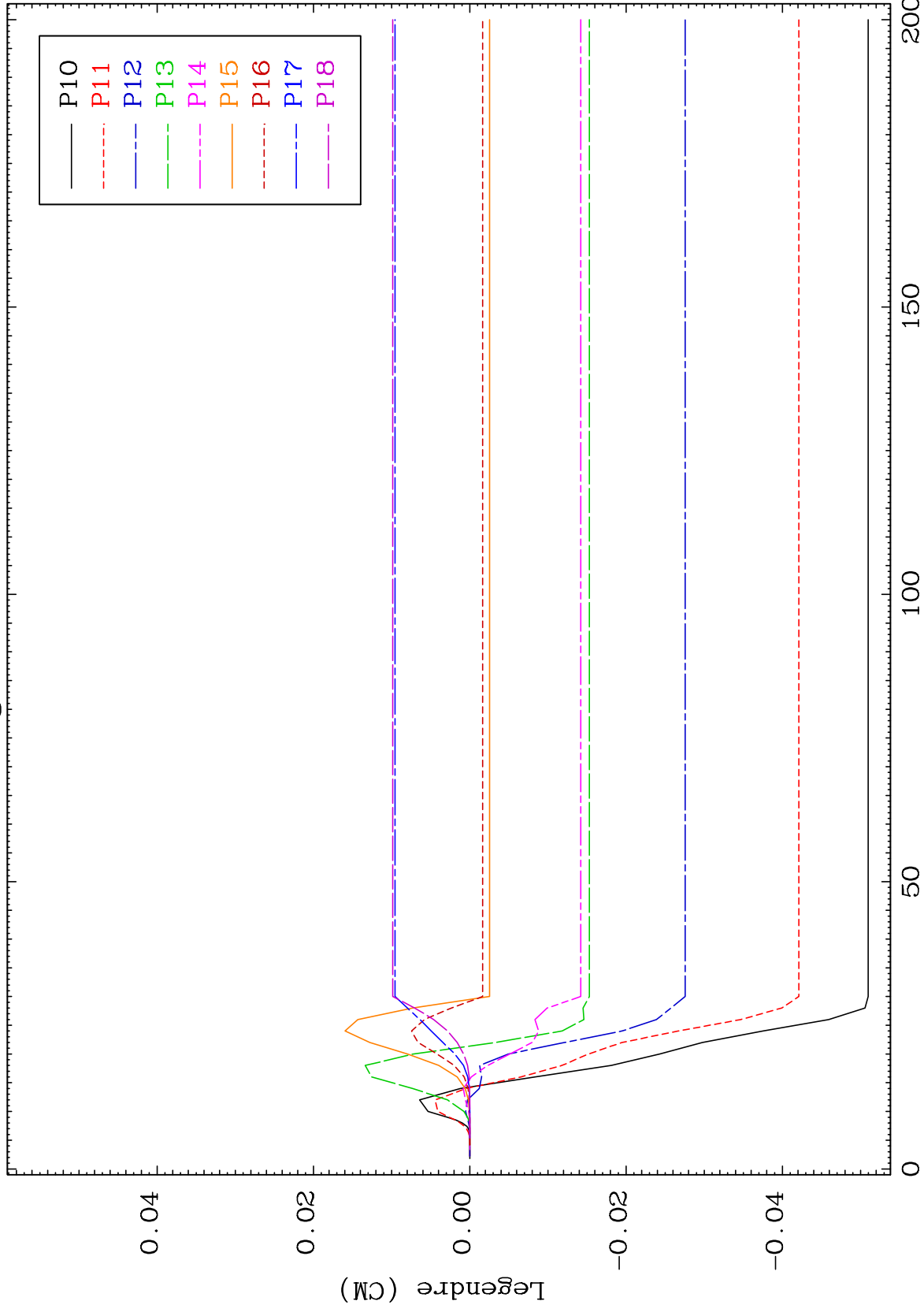
51-Sb-115

Incident Energy (MeV)

MAT 5107

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

51-Sb-115



41

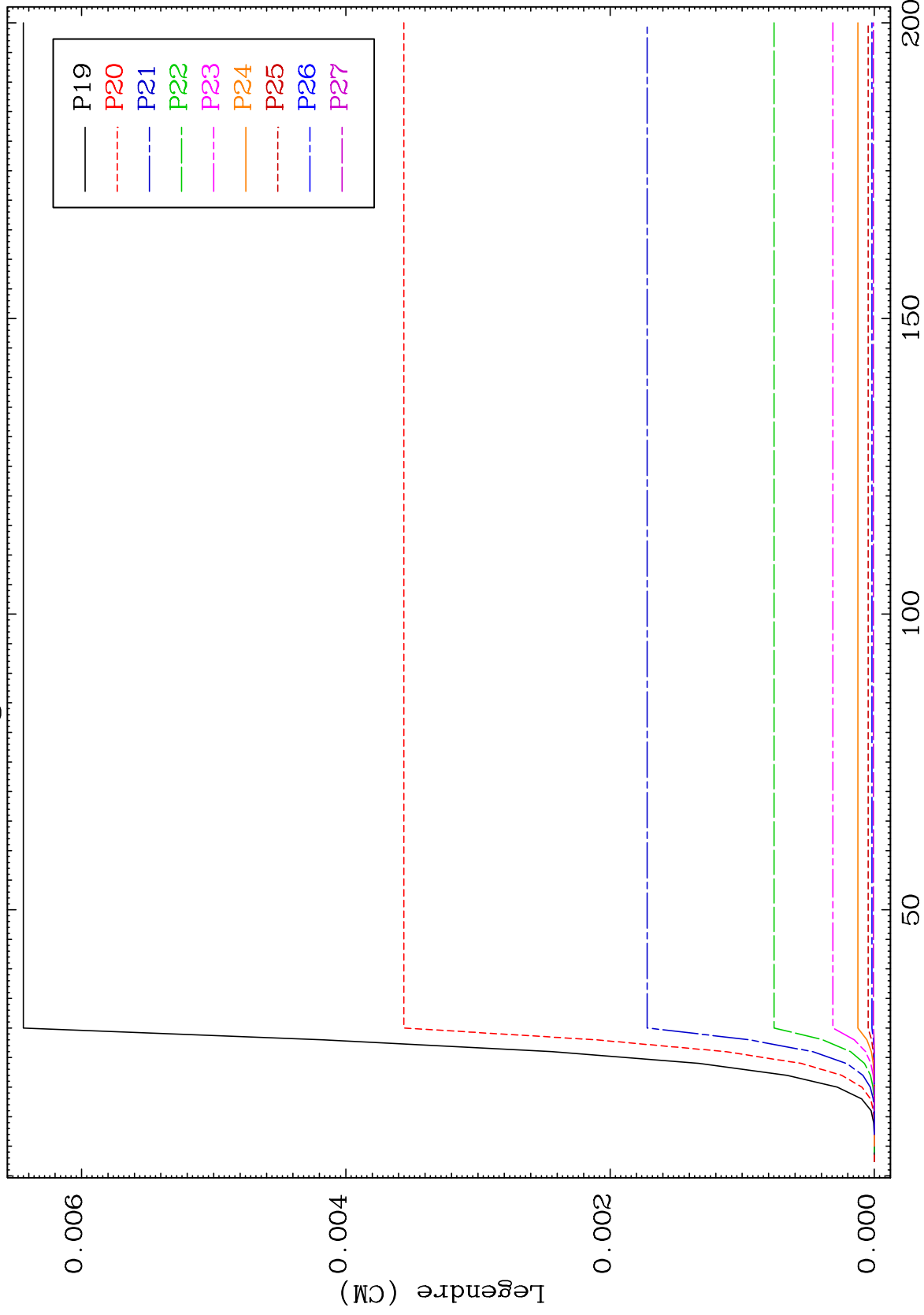
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



42

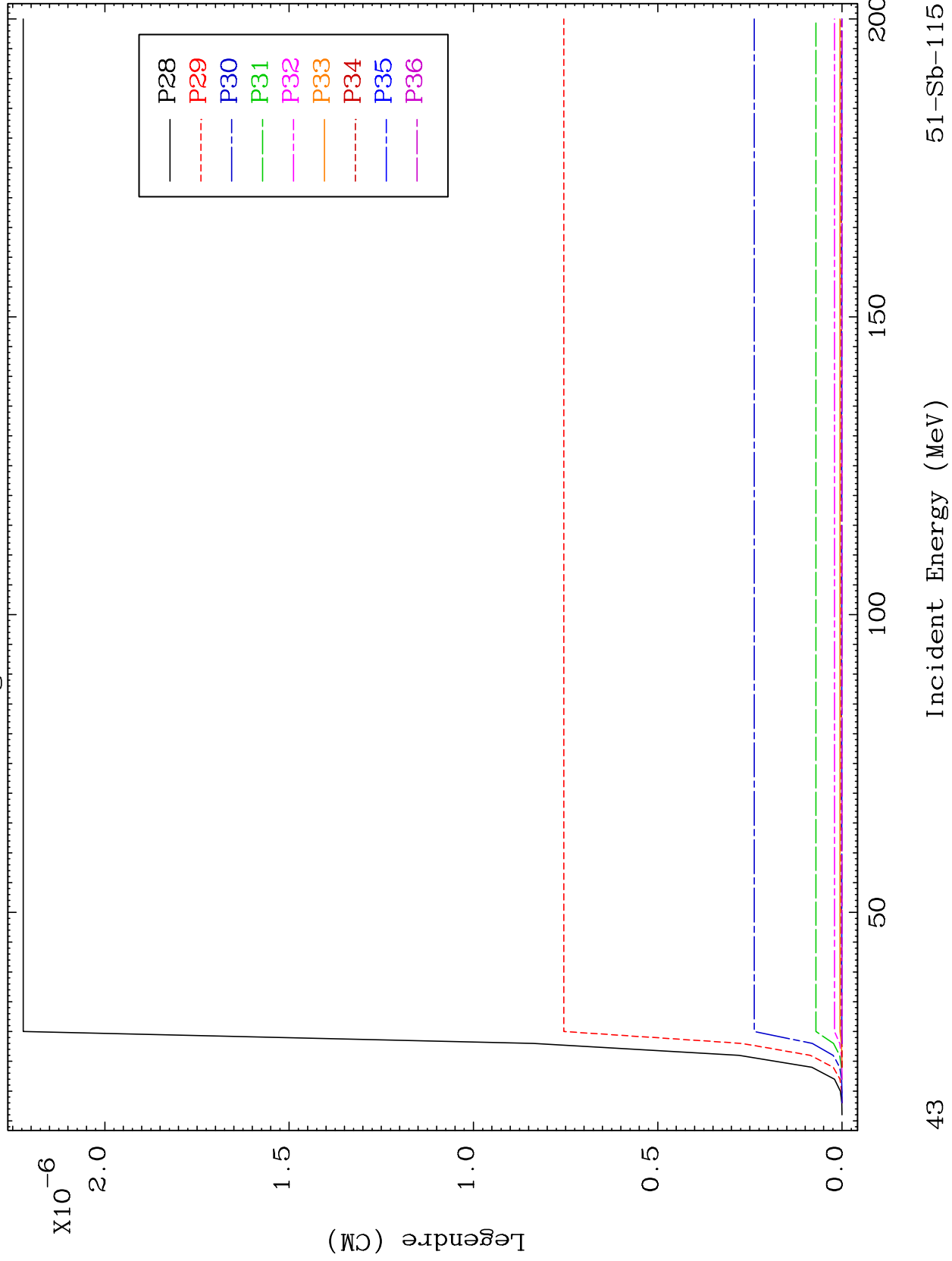
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



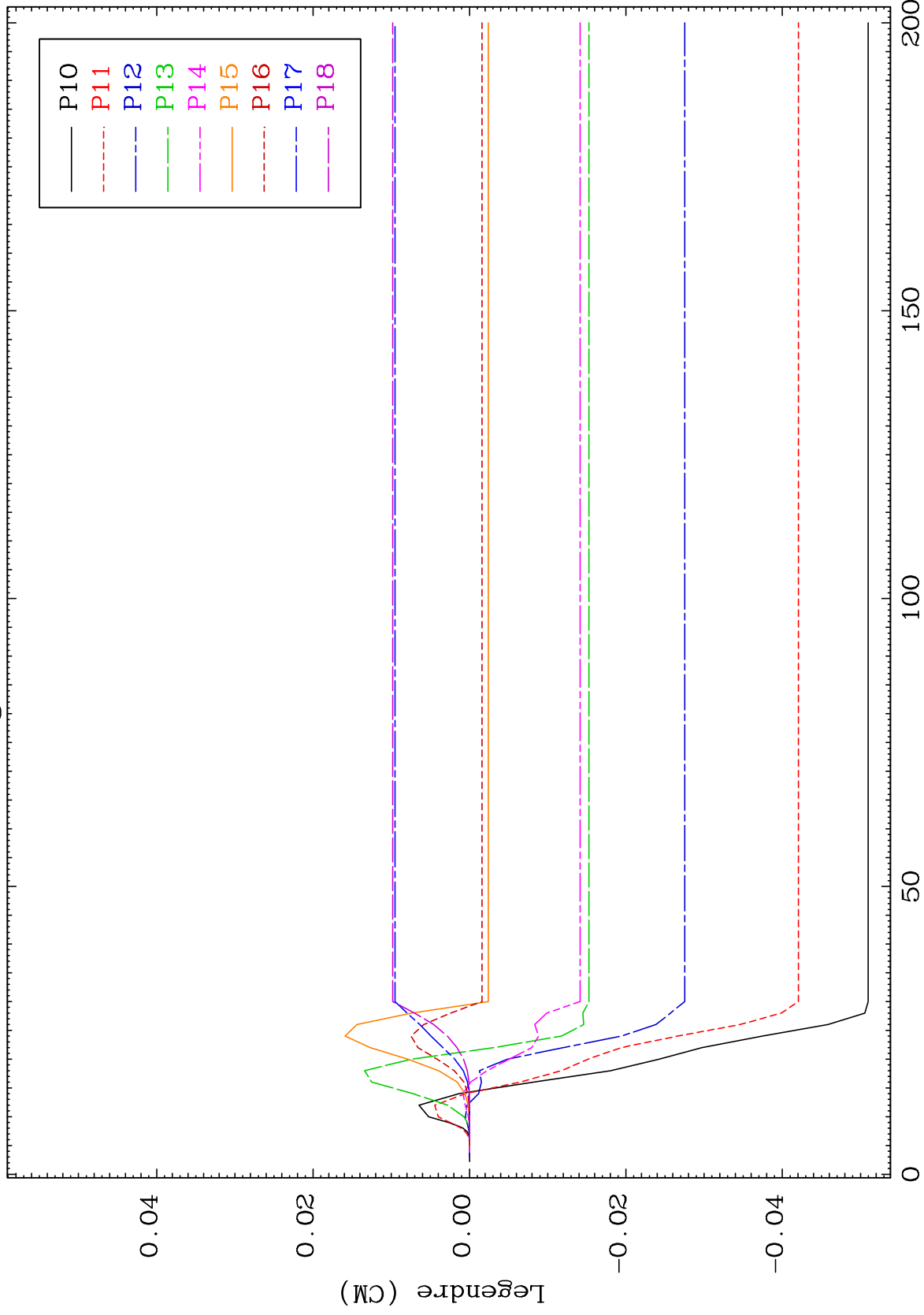
43

51-Sb-115

MAT 5107

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

51-Sb-115



45

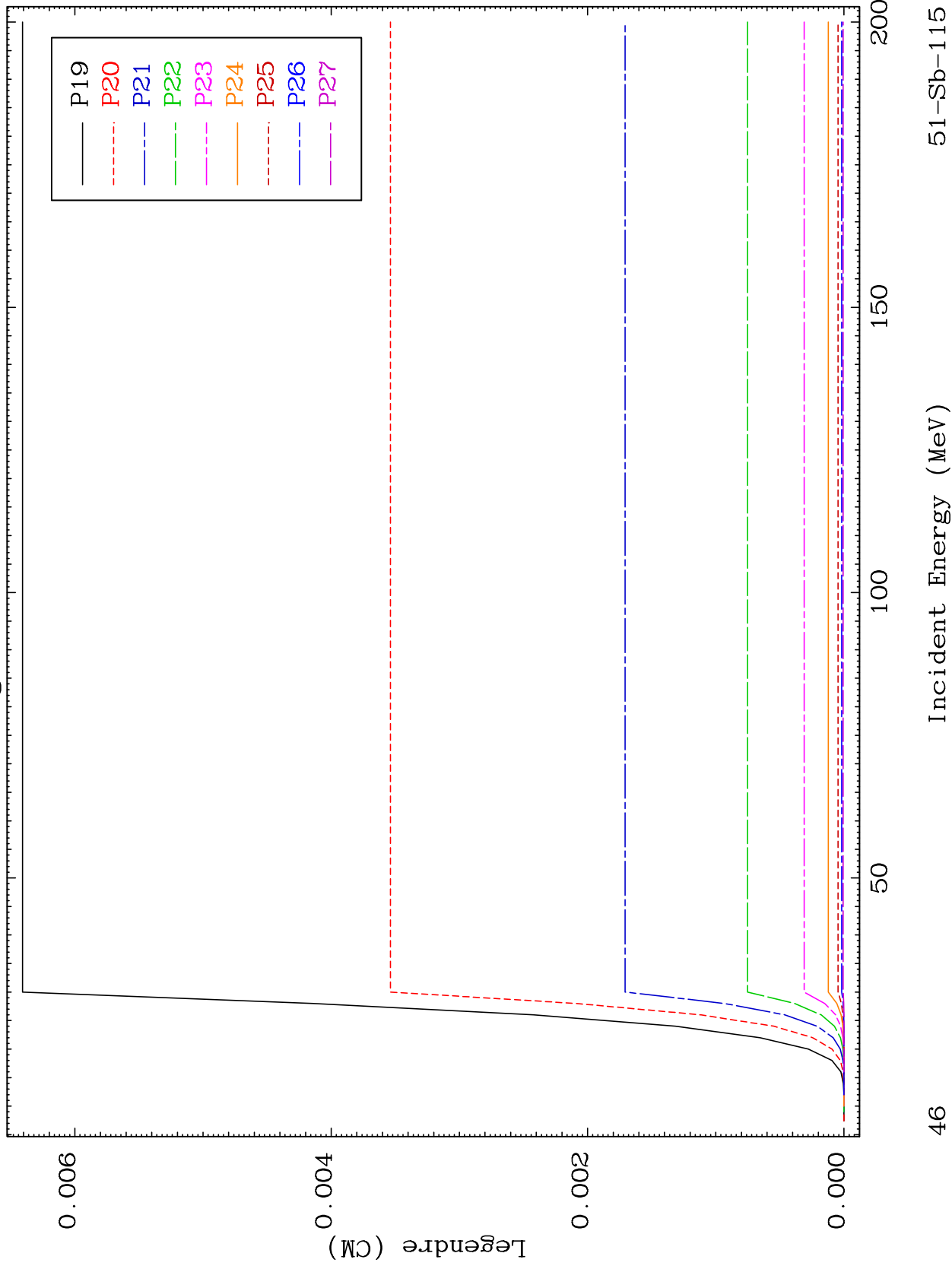
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



46

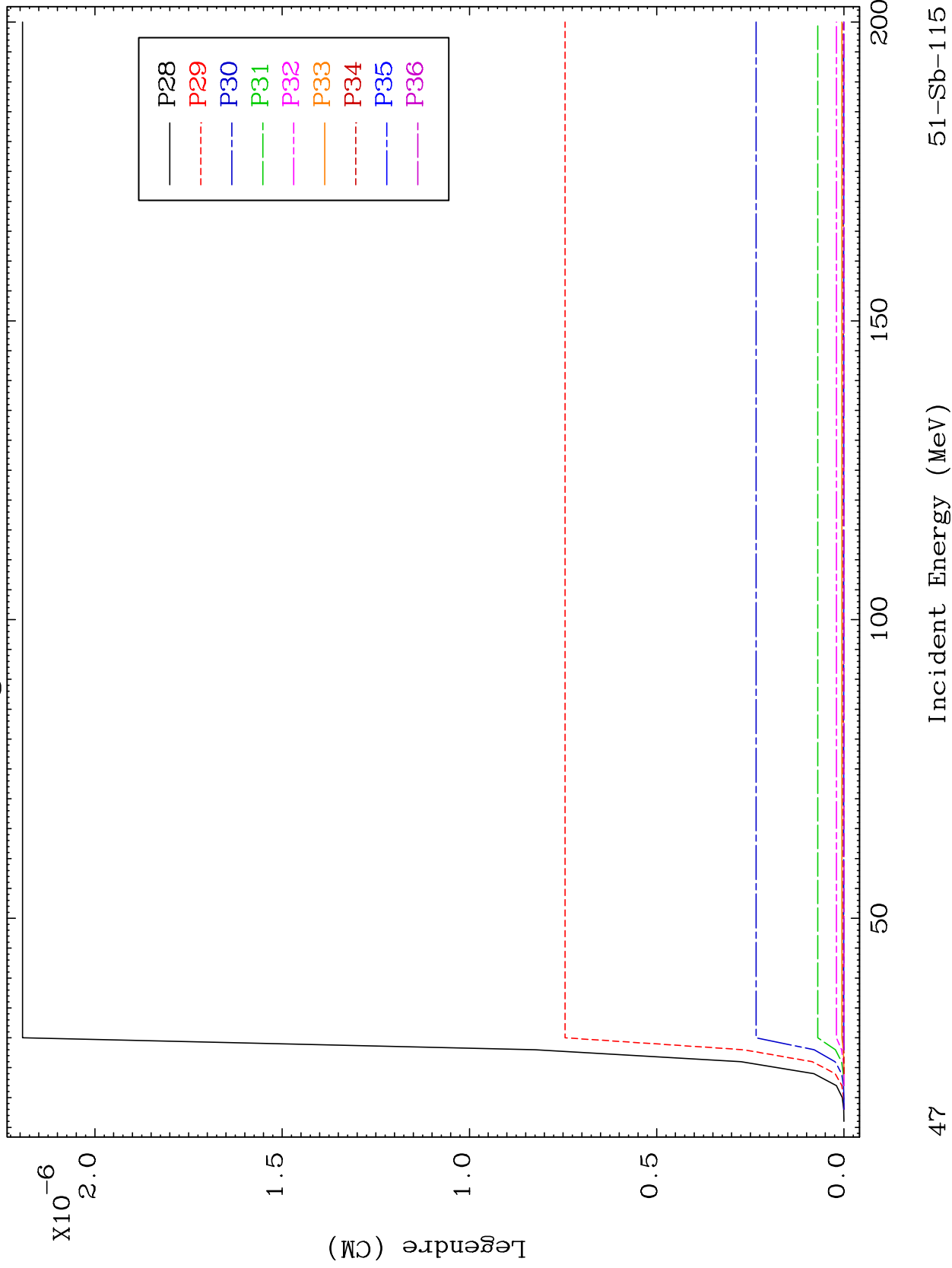
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

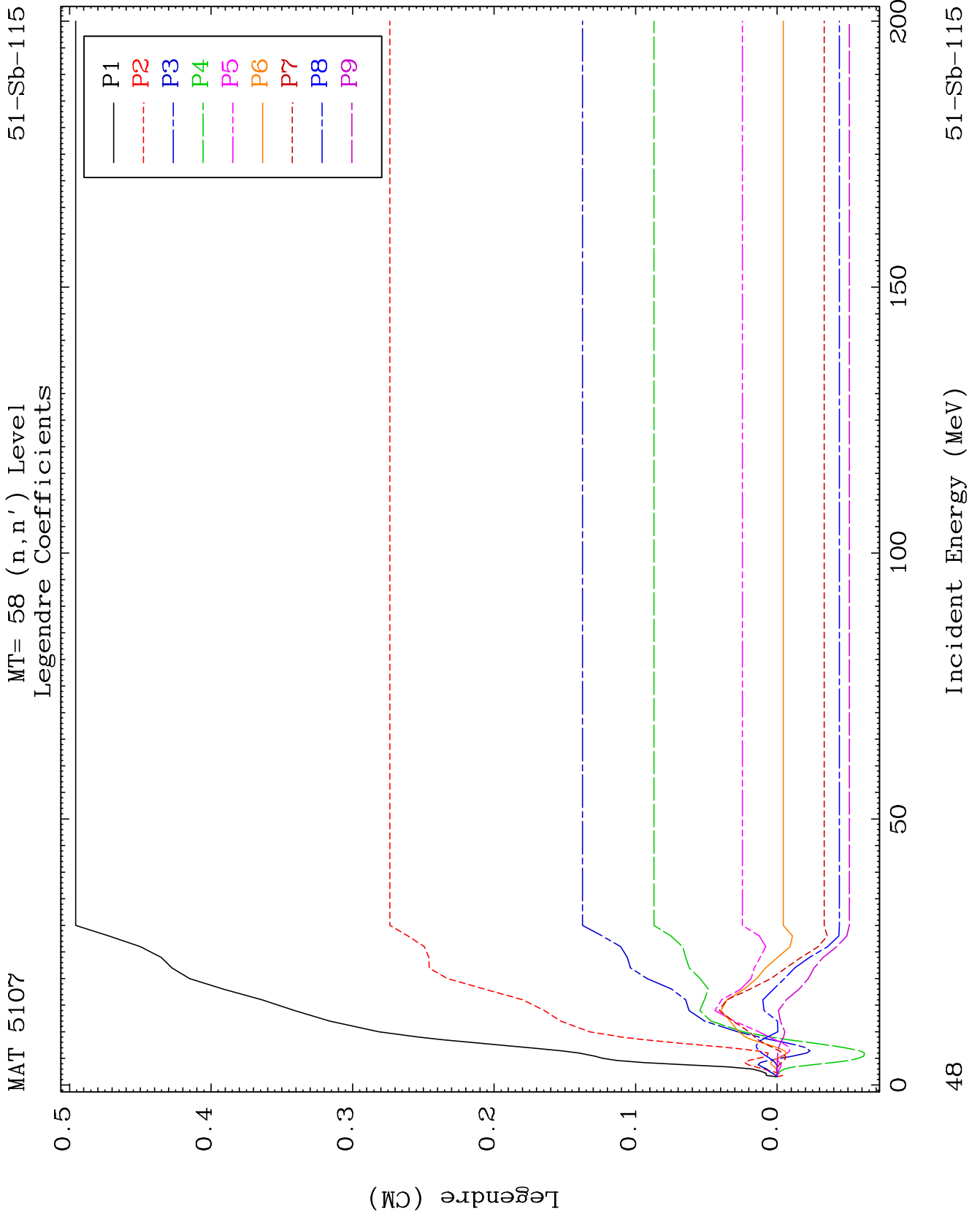
51-Sb-115



47

Incident Energy (MeV)

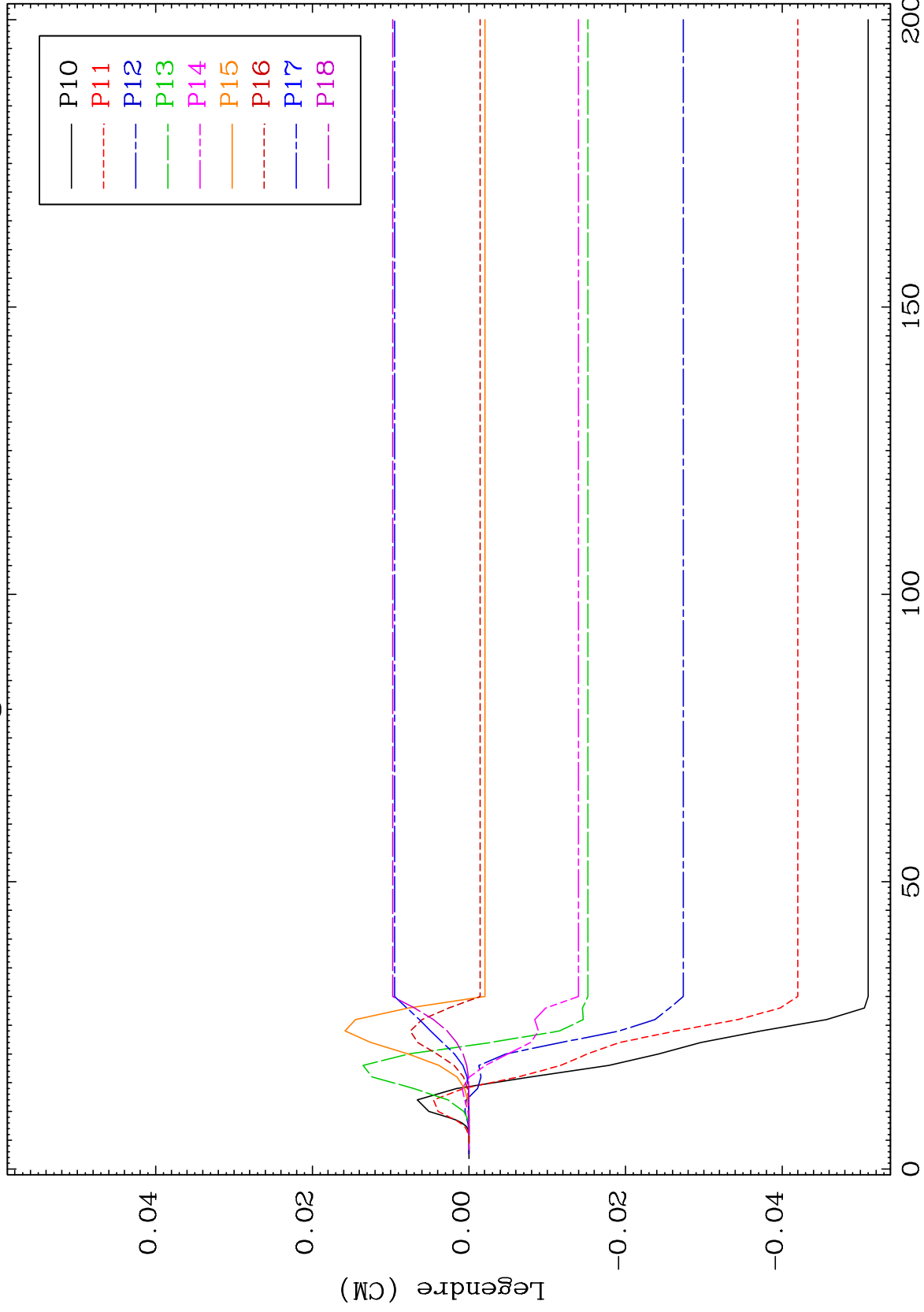
51-Sb-115



MAT 5107

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

51-Sb-115



49

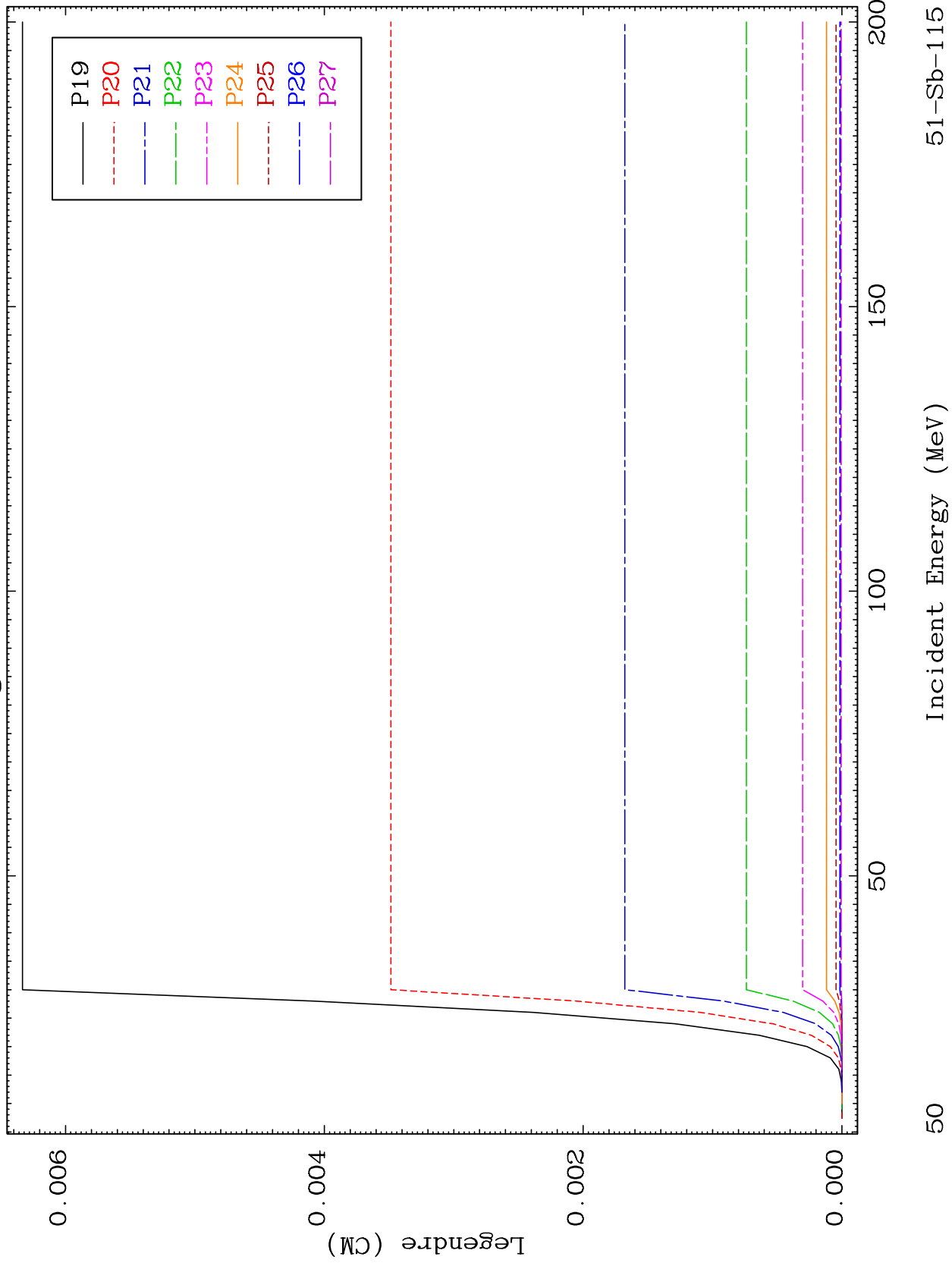
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

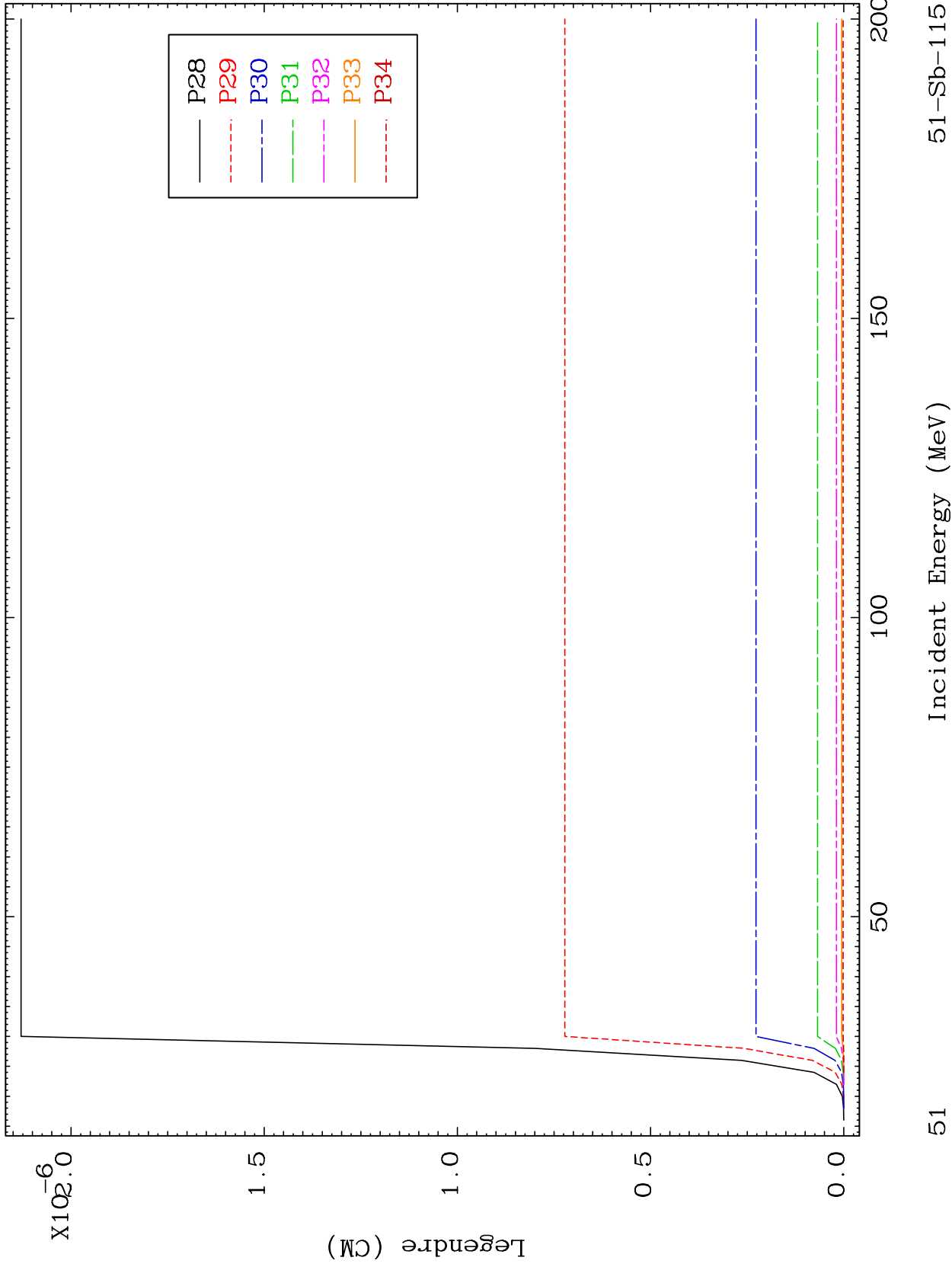
Incident Energy (MeV)

50

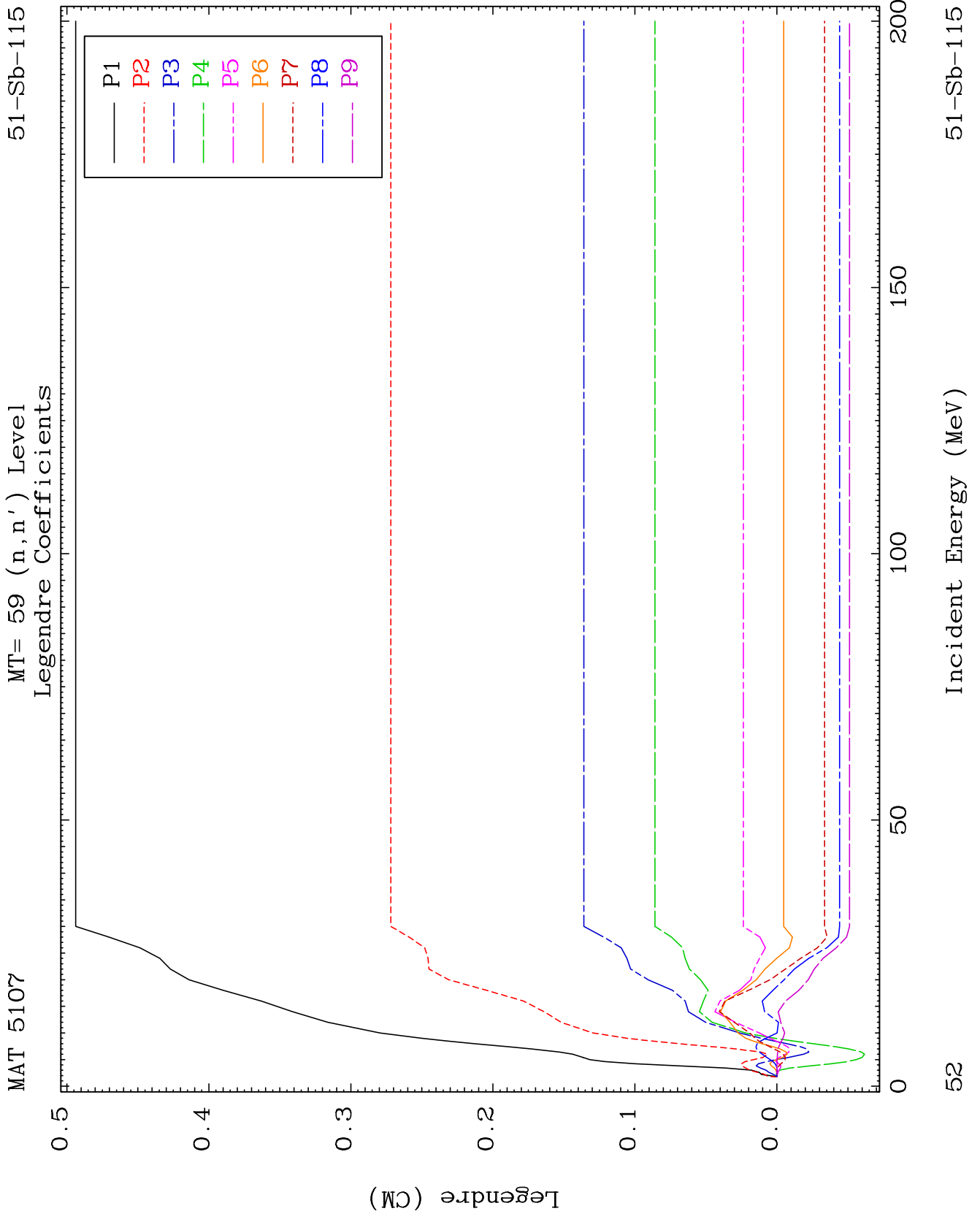
MAT 5107

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

51-Sb-115



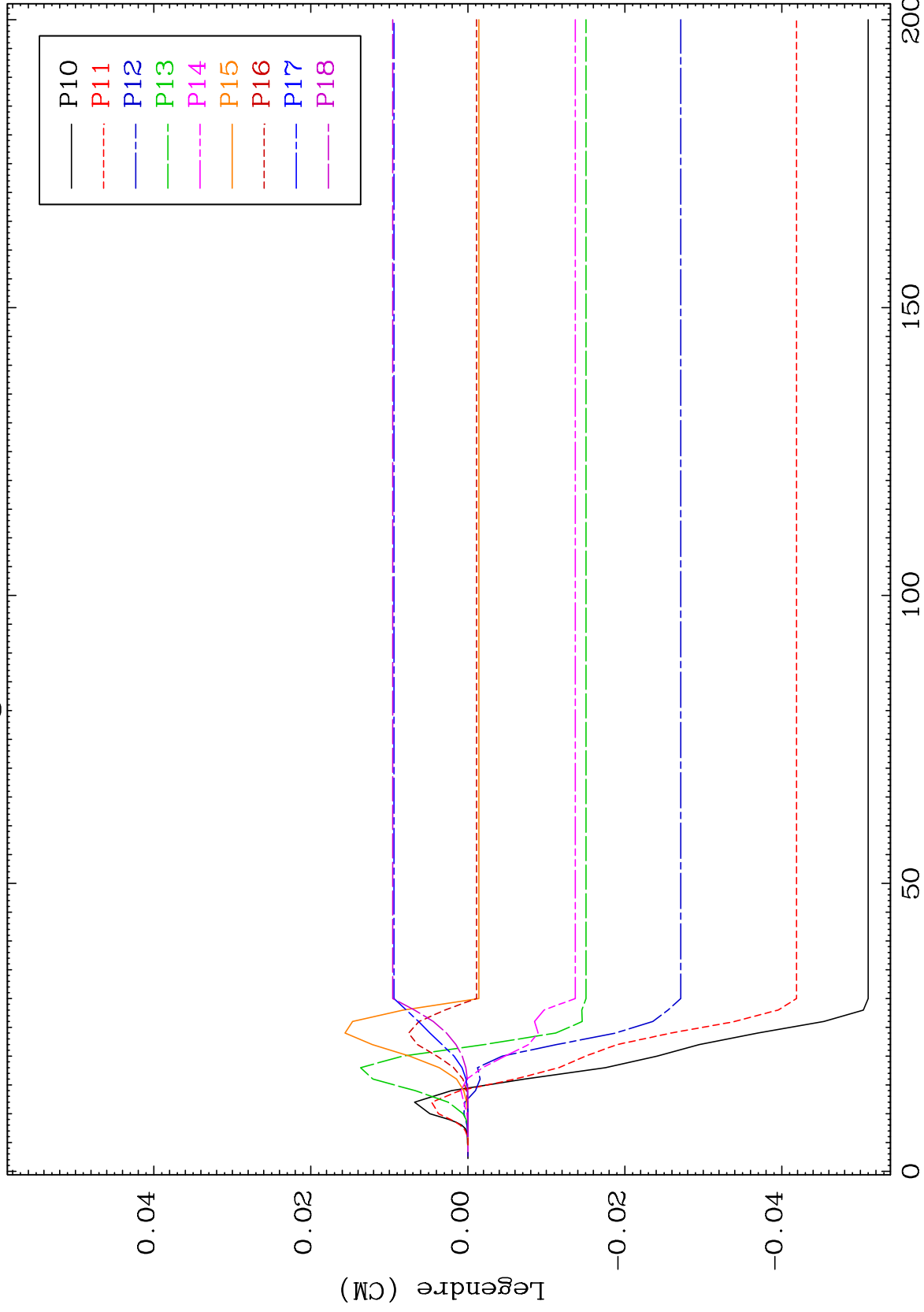
51



MAT 5107

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

51-Sb-115



53

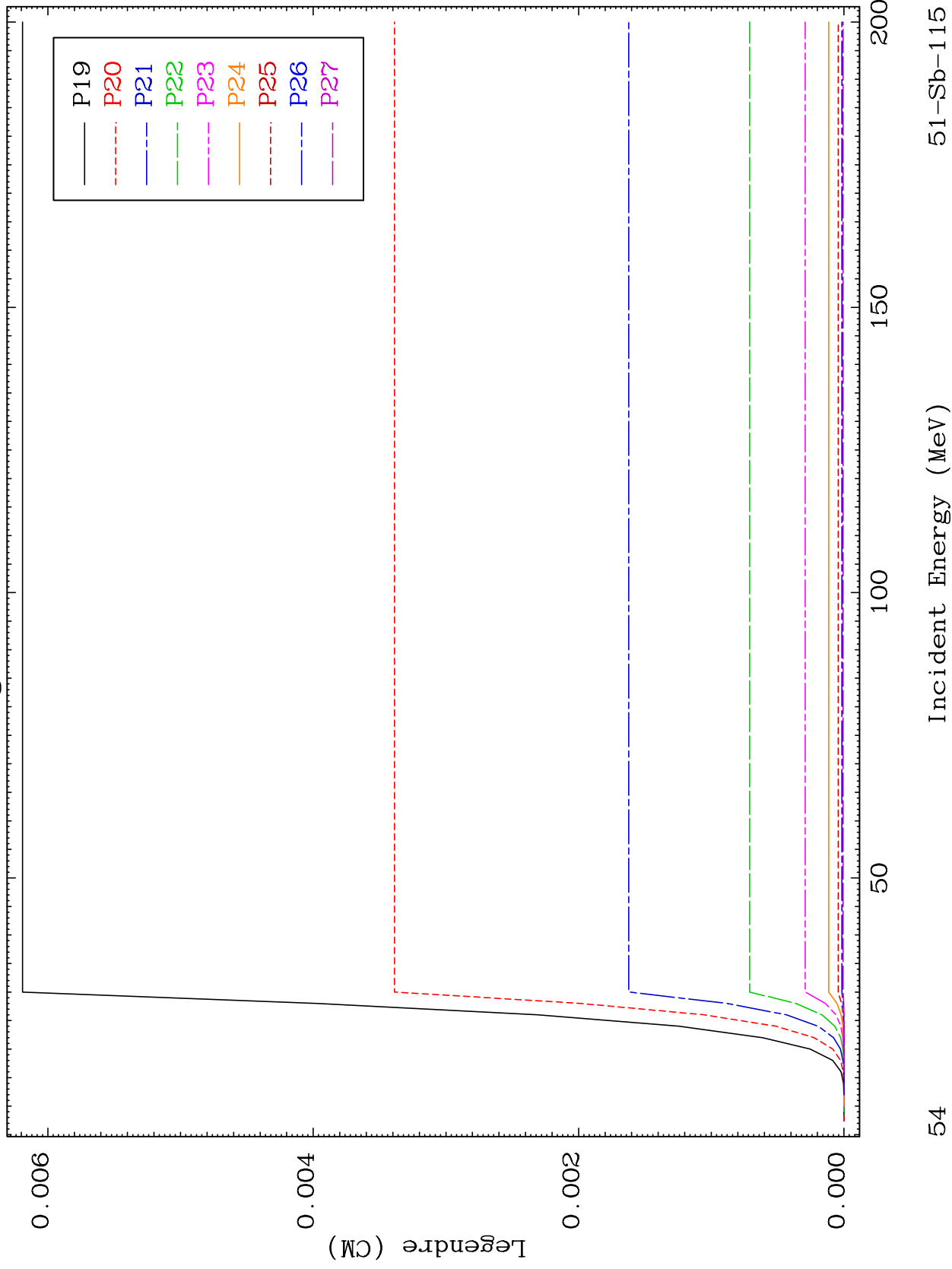
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



54

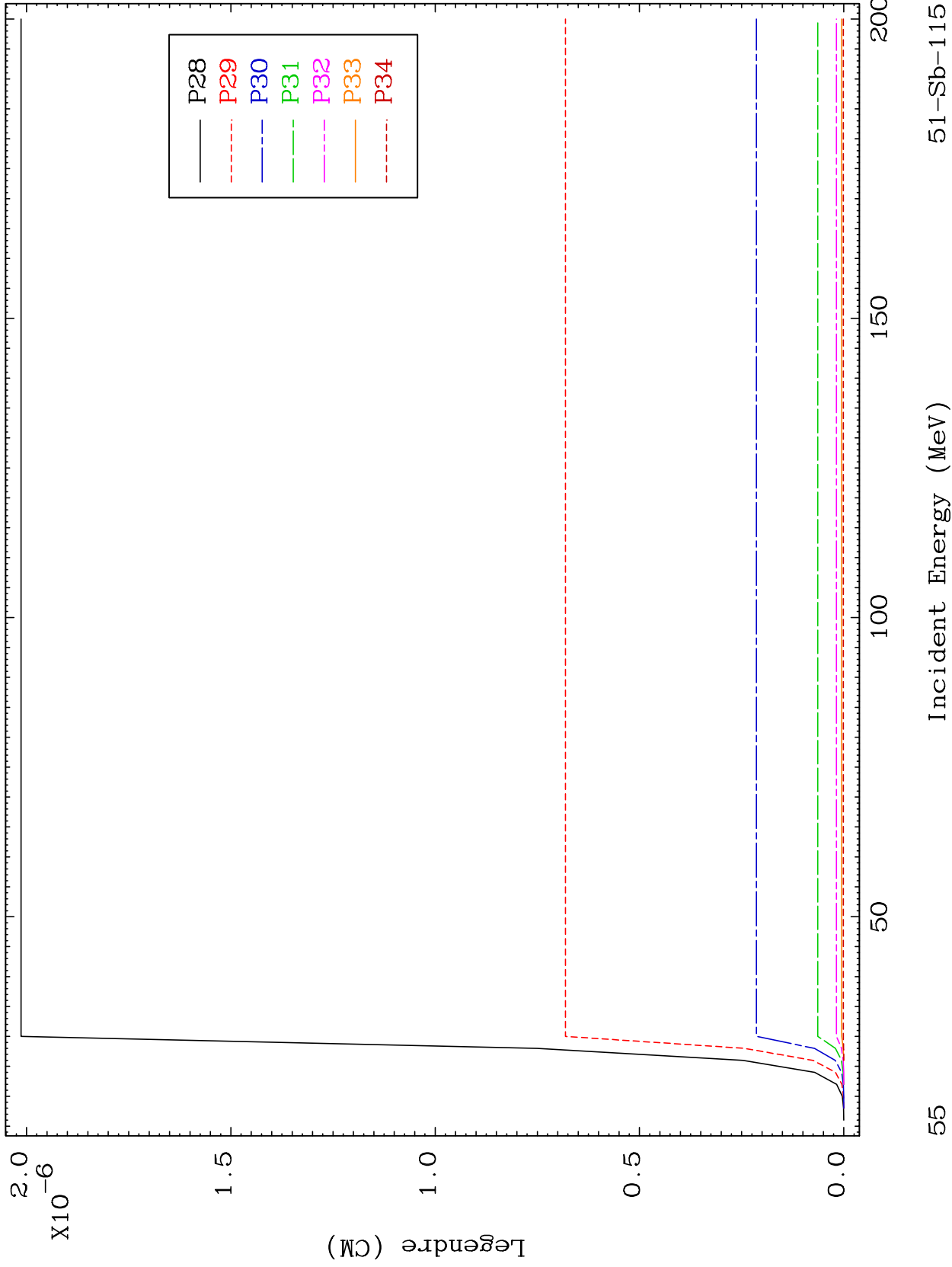
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



55

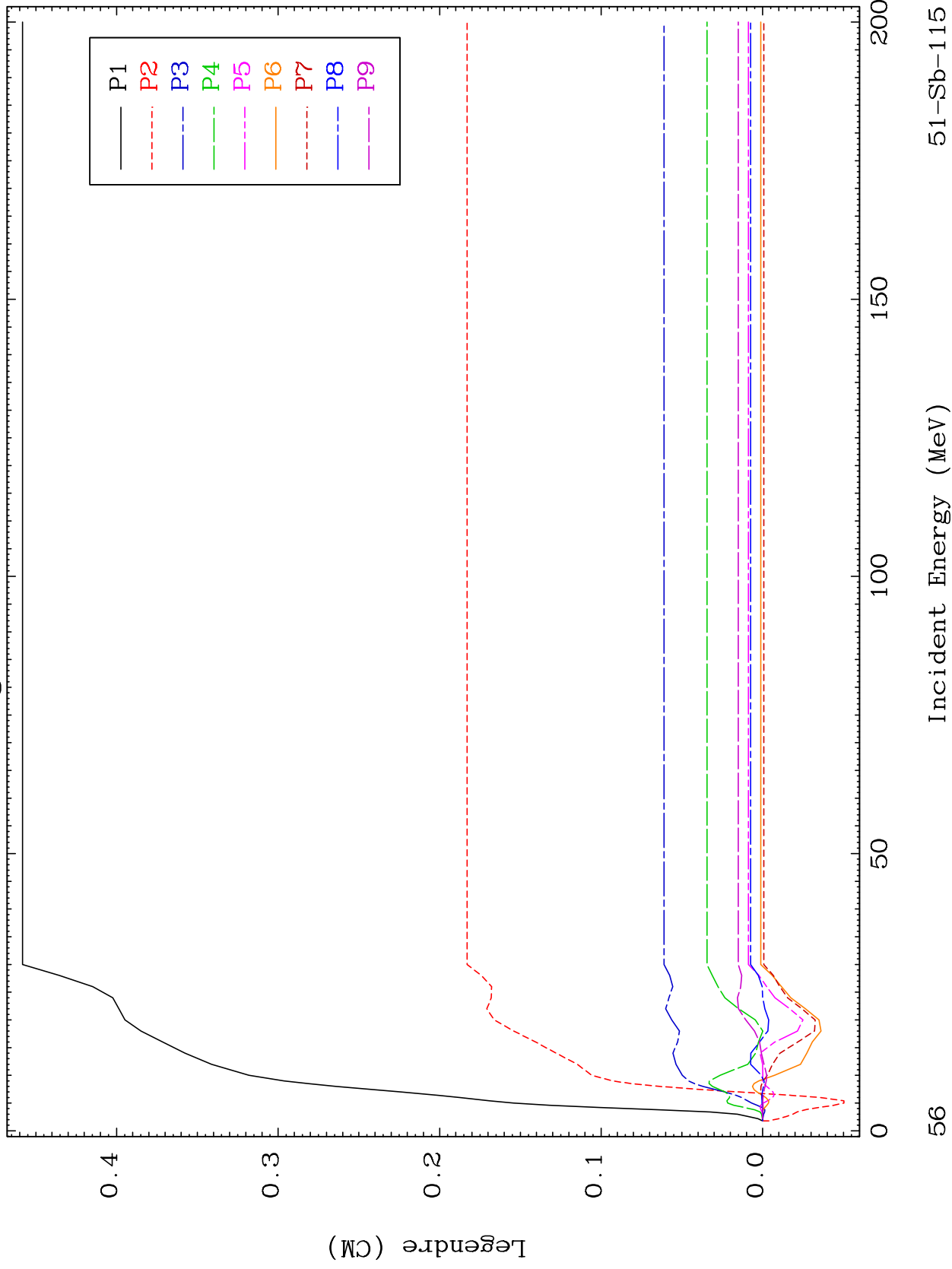
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

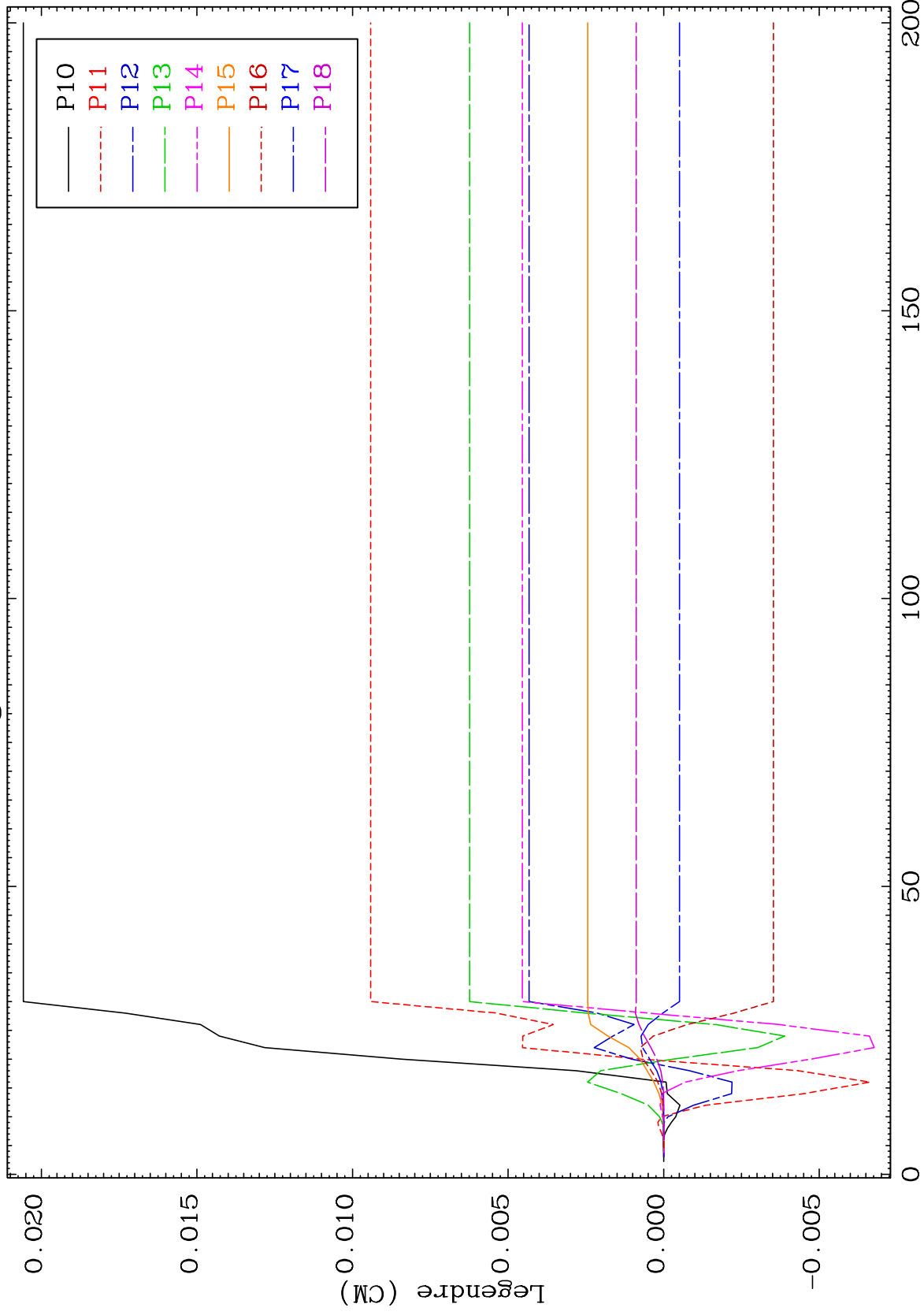
Incident Energy (MeV)

56

MAT 5107

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

51-Sb-115



57

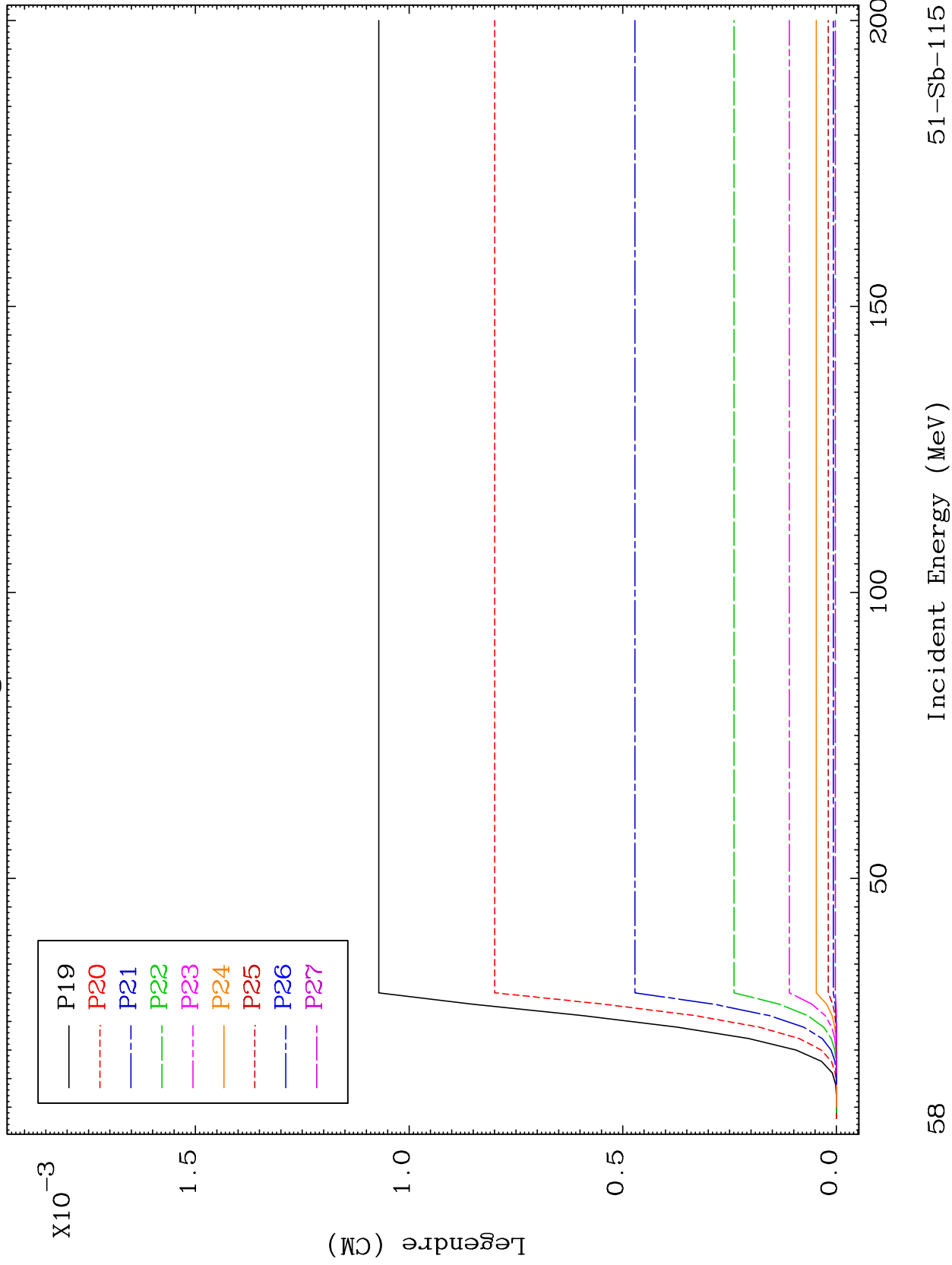
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

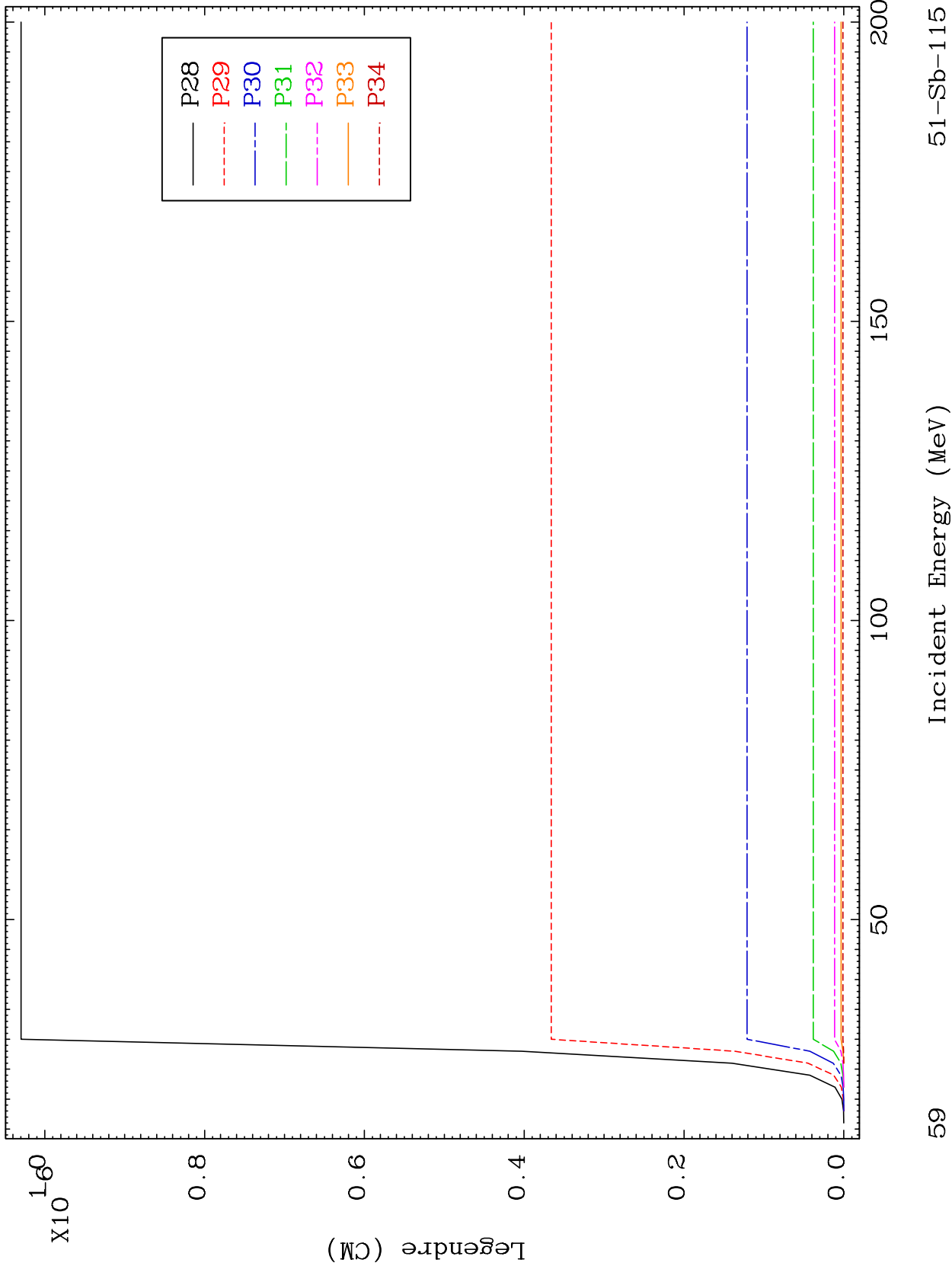
51-Sb-115



MAT 5107

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

51-Sb-115



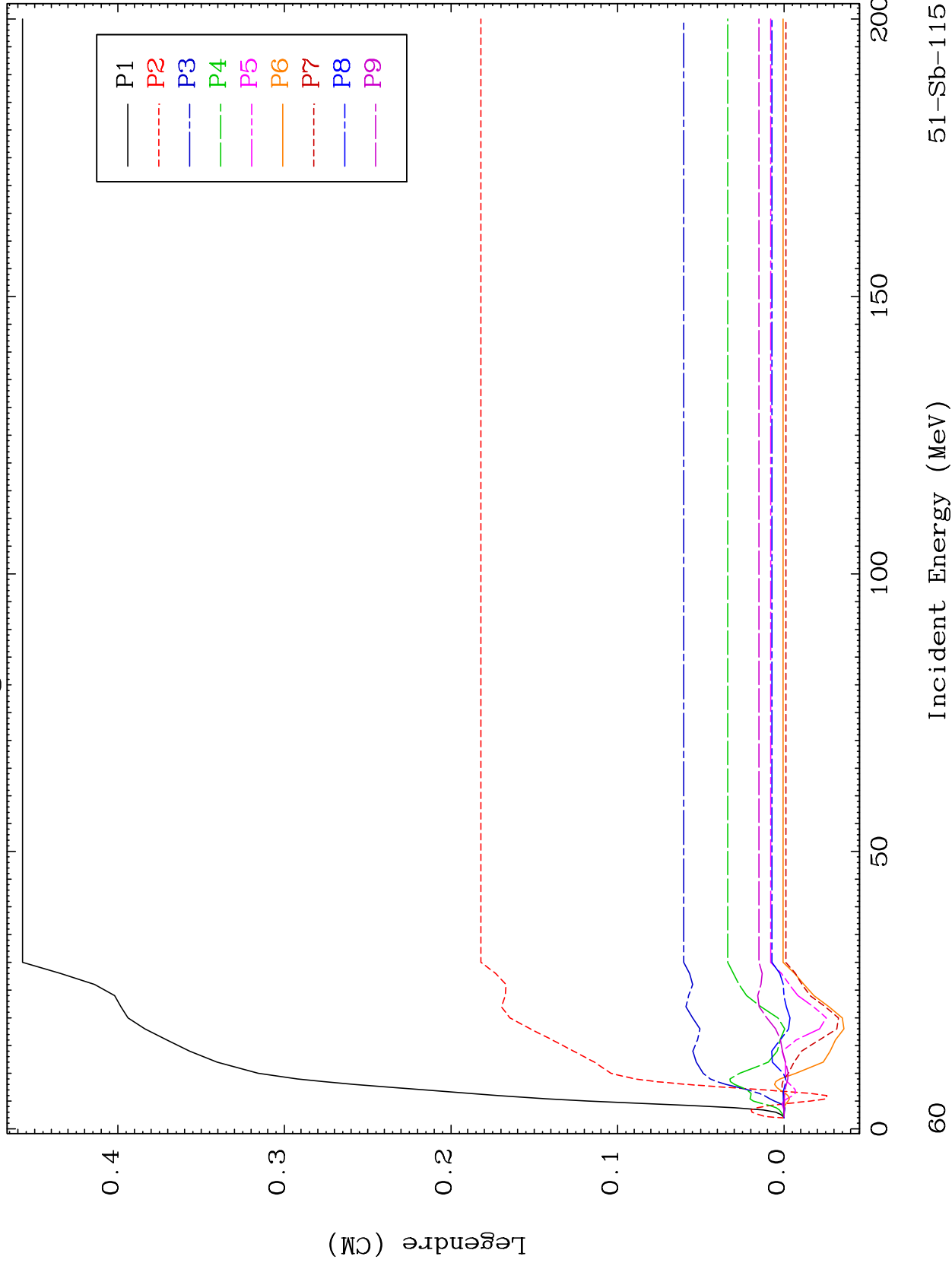
59

51-Sb-115

MAT 5107

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

51-Sb-115

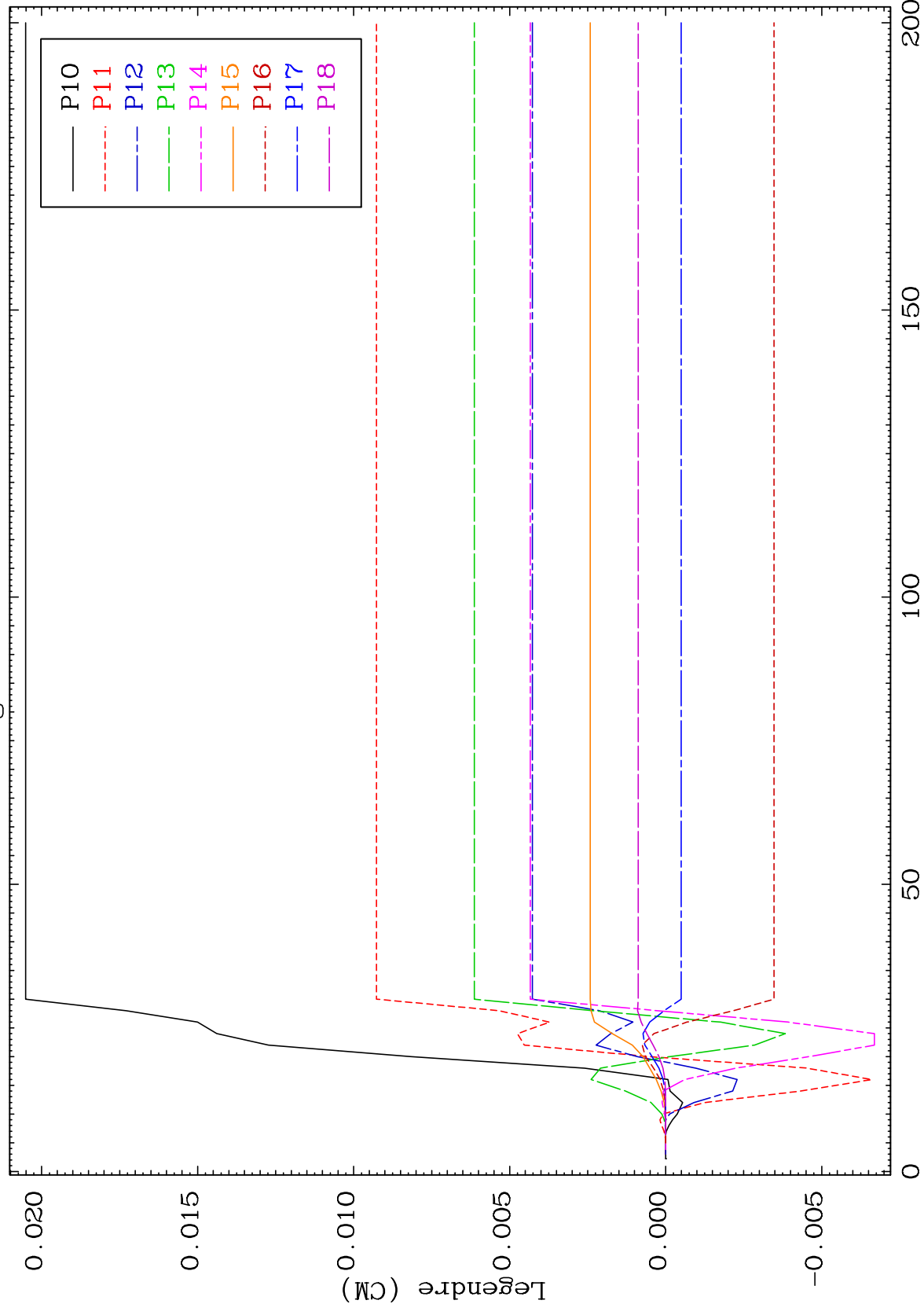


51-Sb-115

MAT 5107

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

51-Sb-115



61

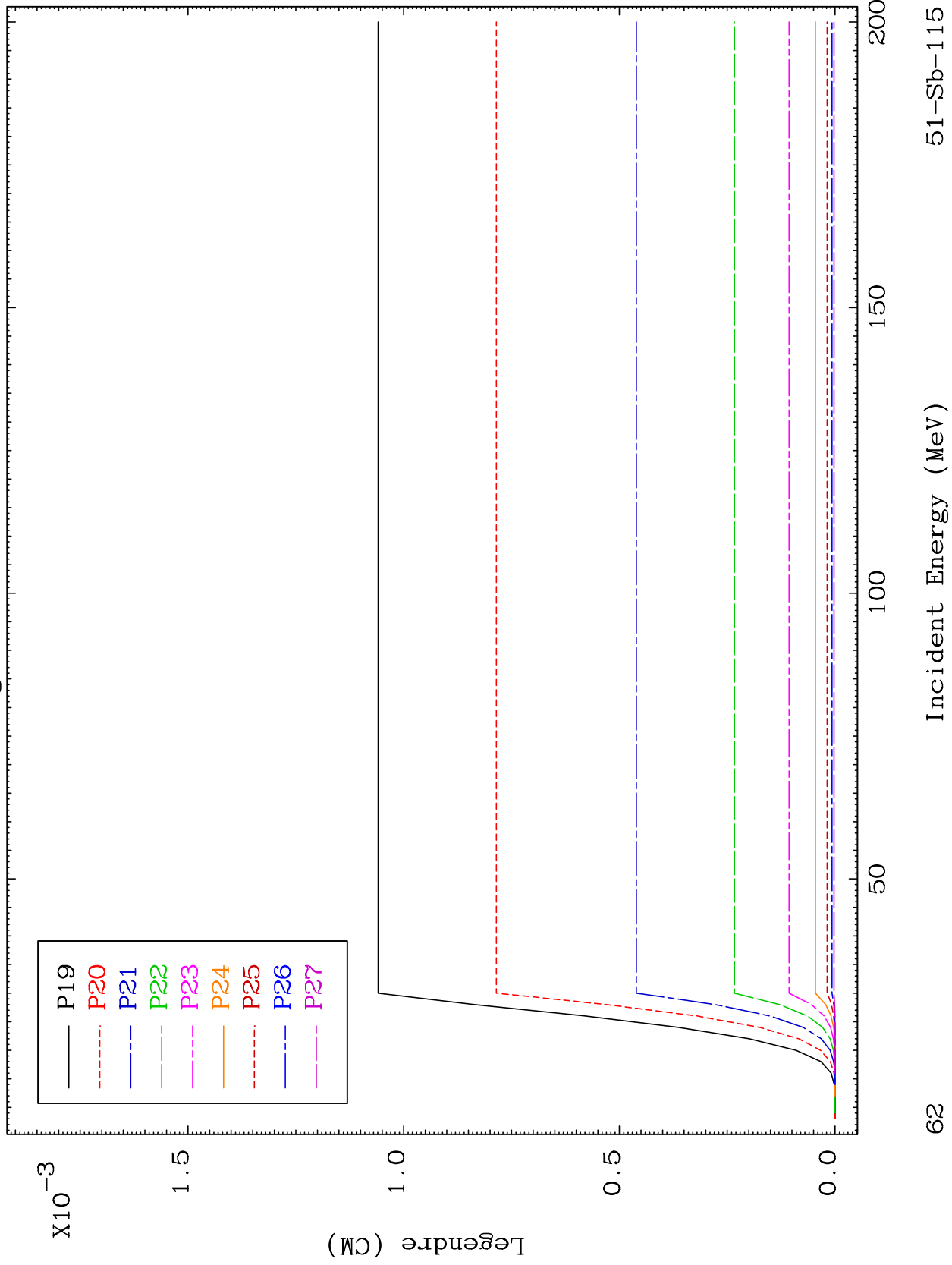
Incident Energy (MeV)

51-Sb-115

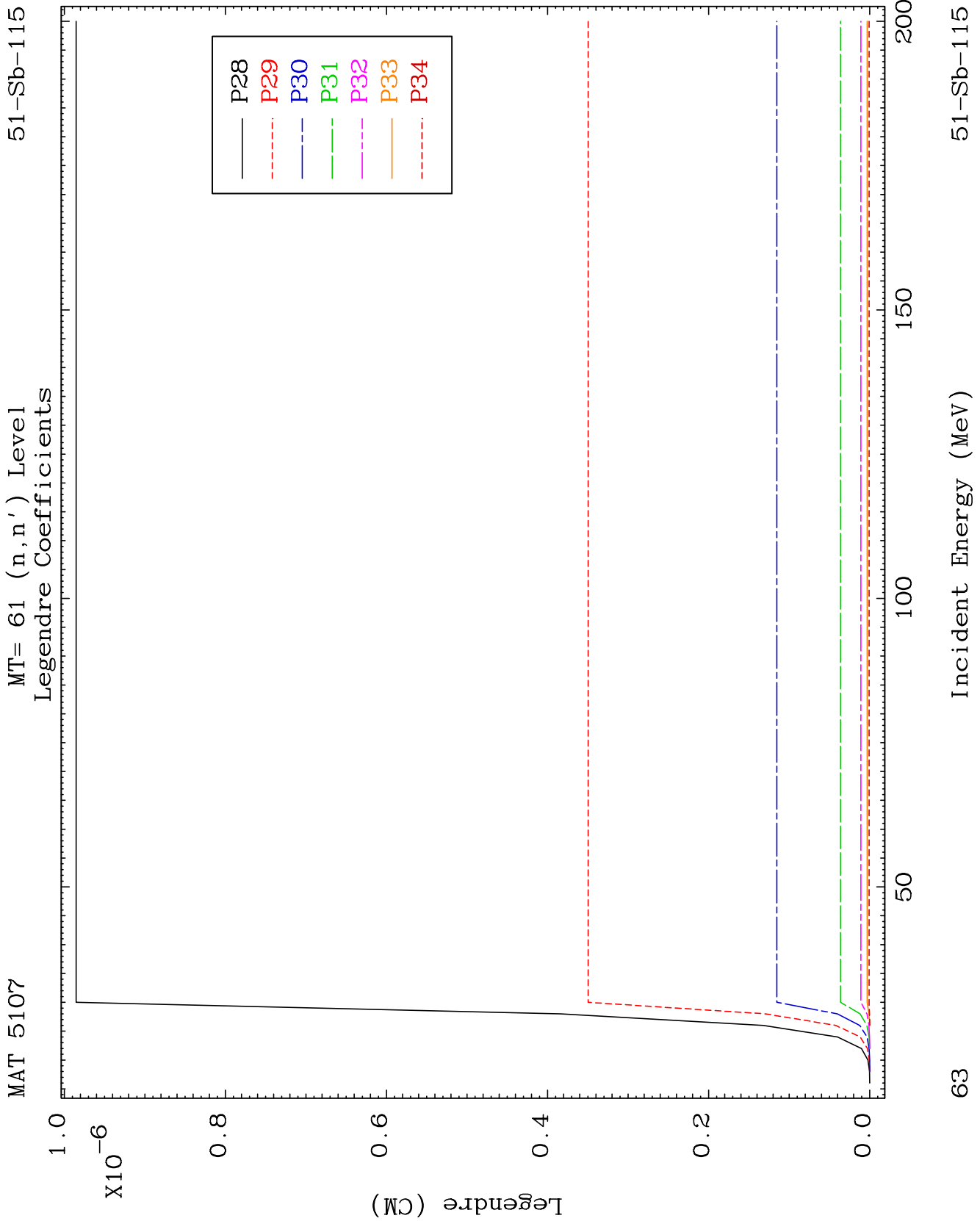
MAT 5107

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

51-Sb-115



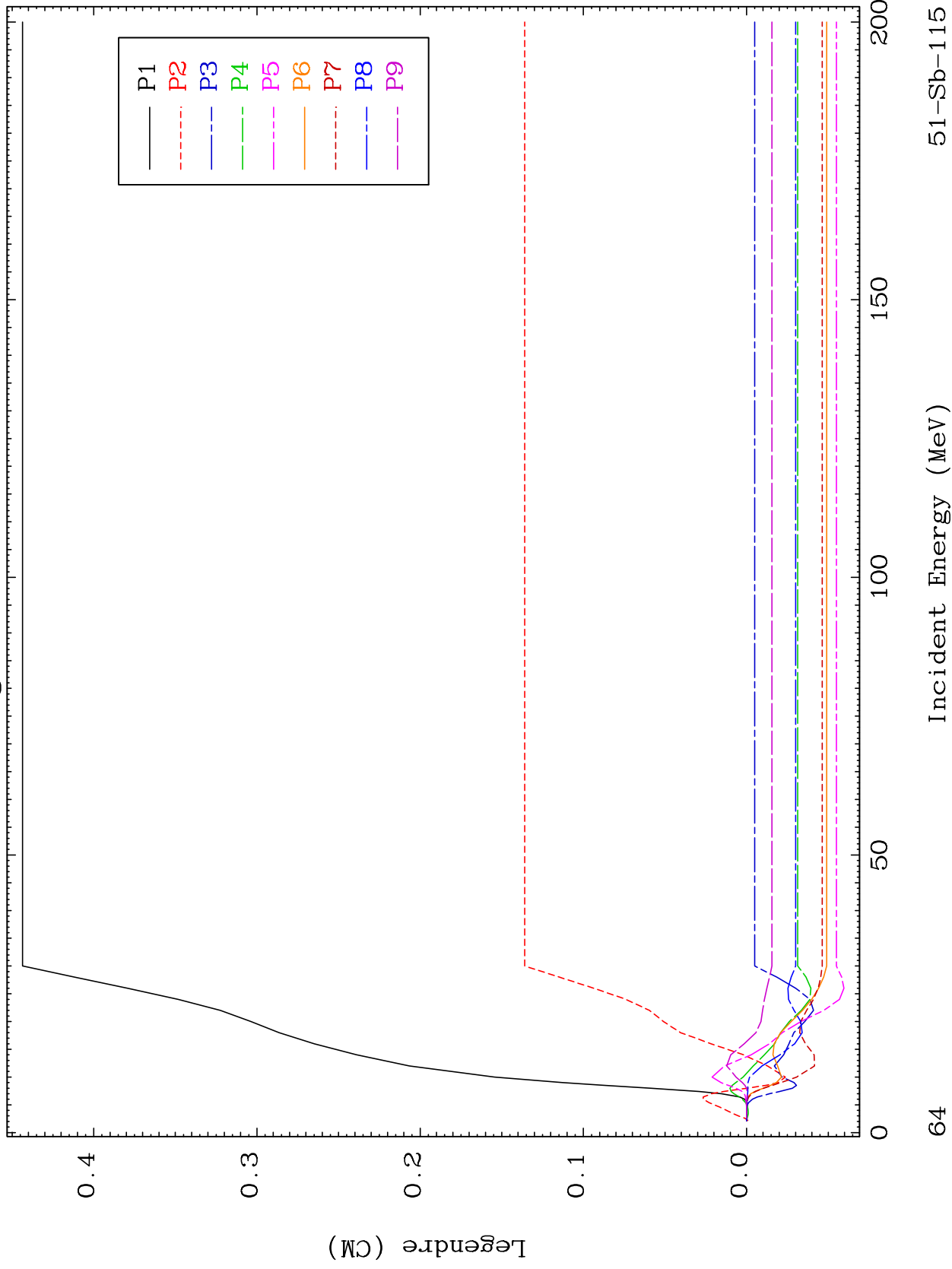
62



MAT 5107

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

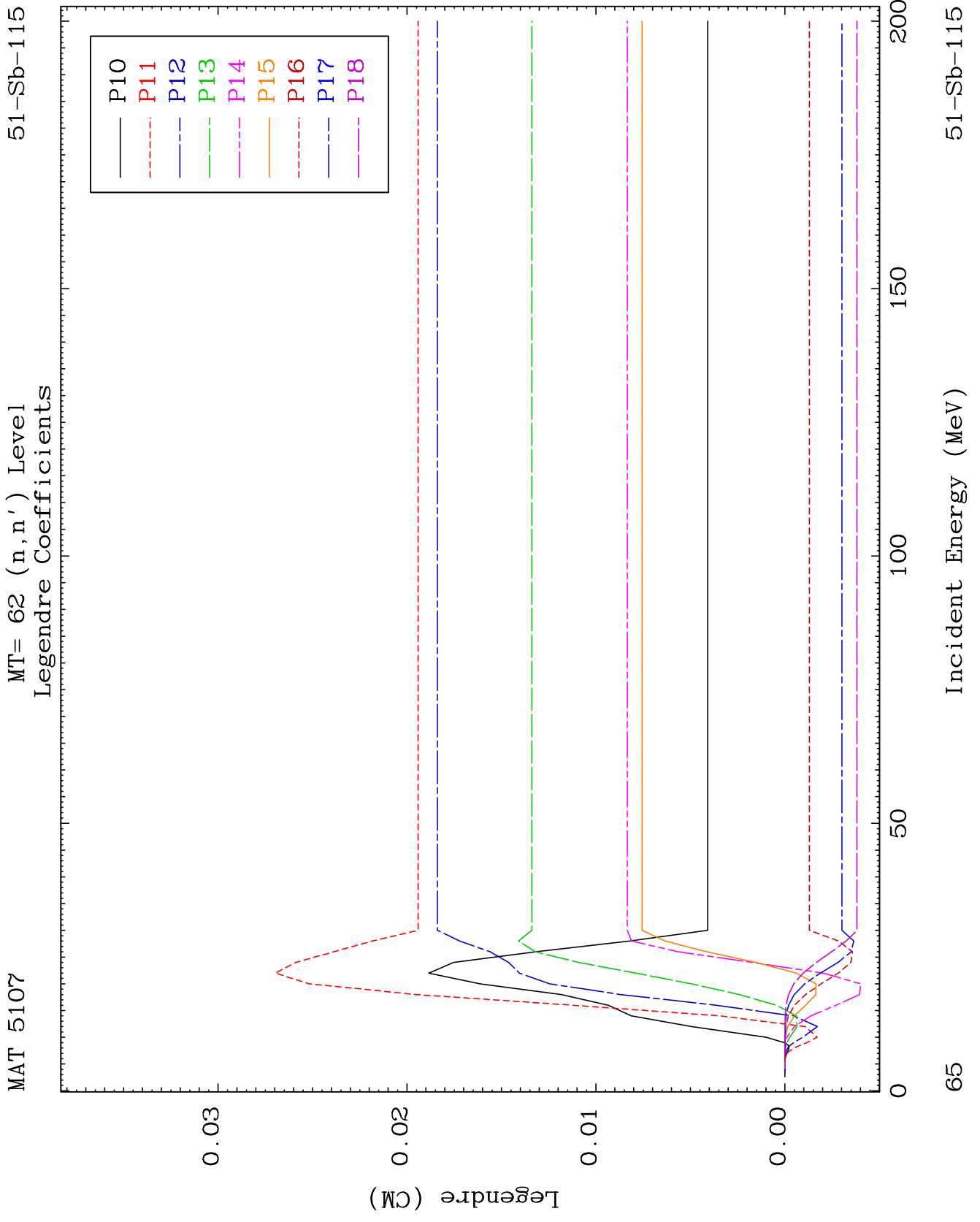
51-Sb-115



51-Sb-115

Incident Energy (MeV)

64

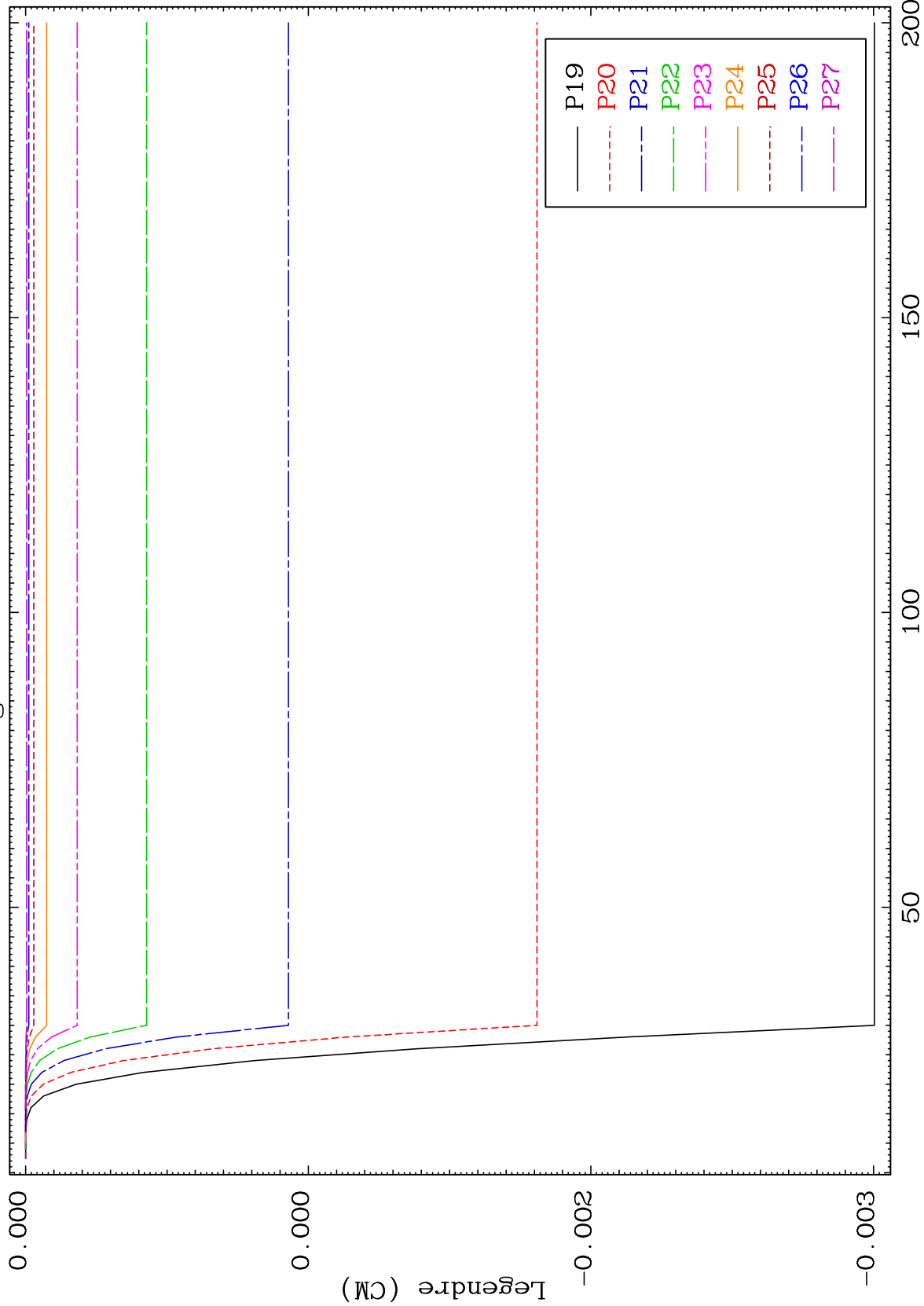


MAT 5107

MT= 62 (n,n') Level

51-Sb-115

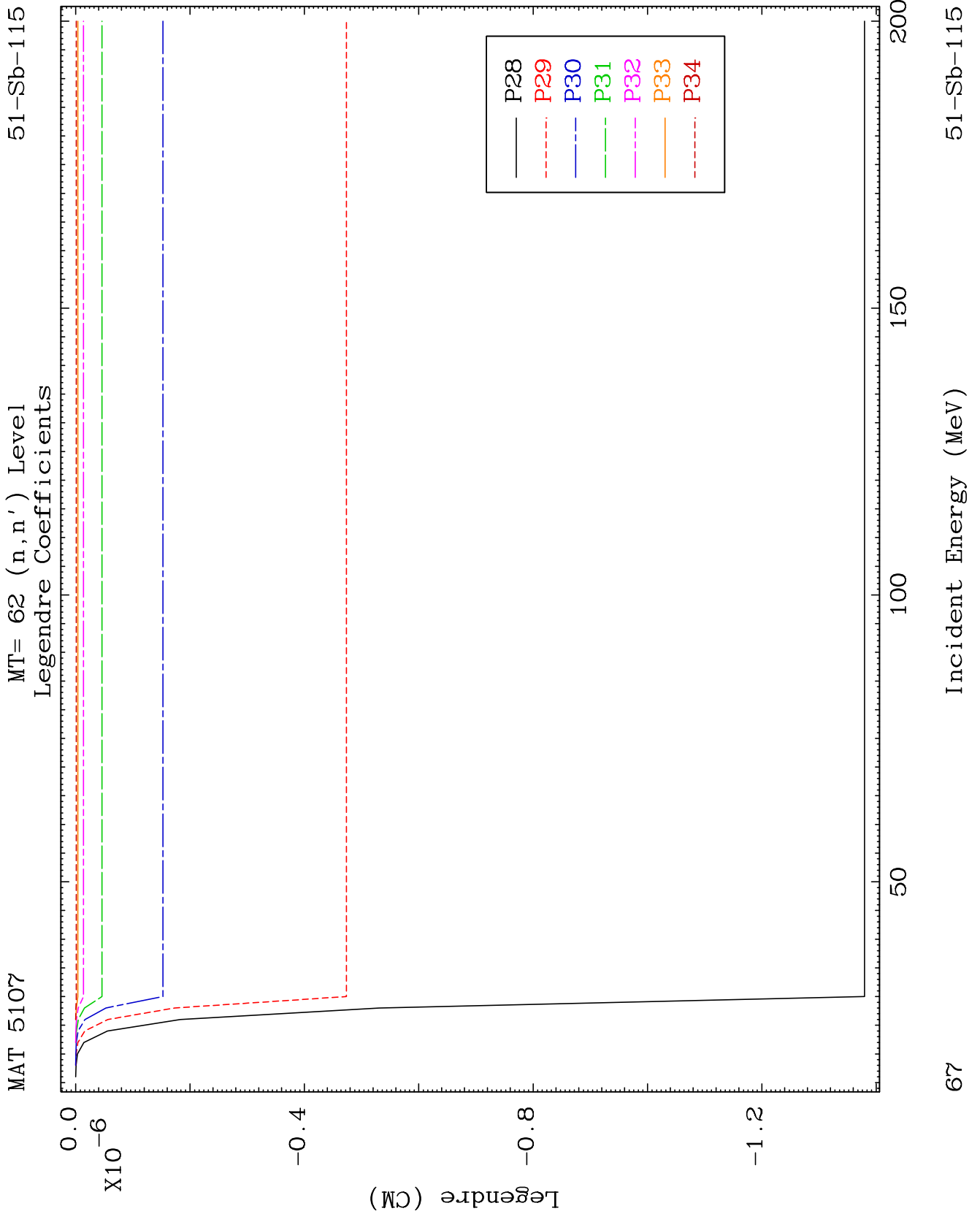
Legendre Coefficients



51-Sb-115

Incident Energy (MeV)

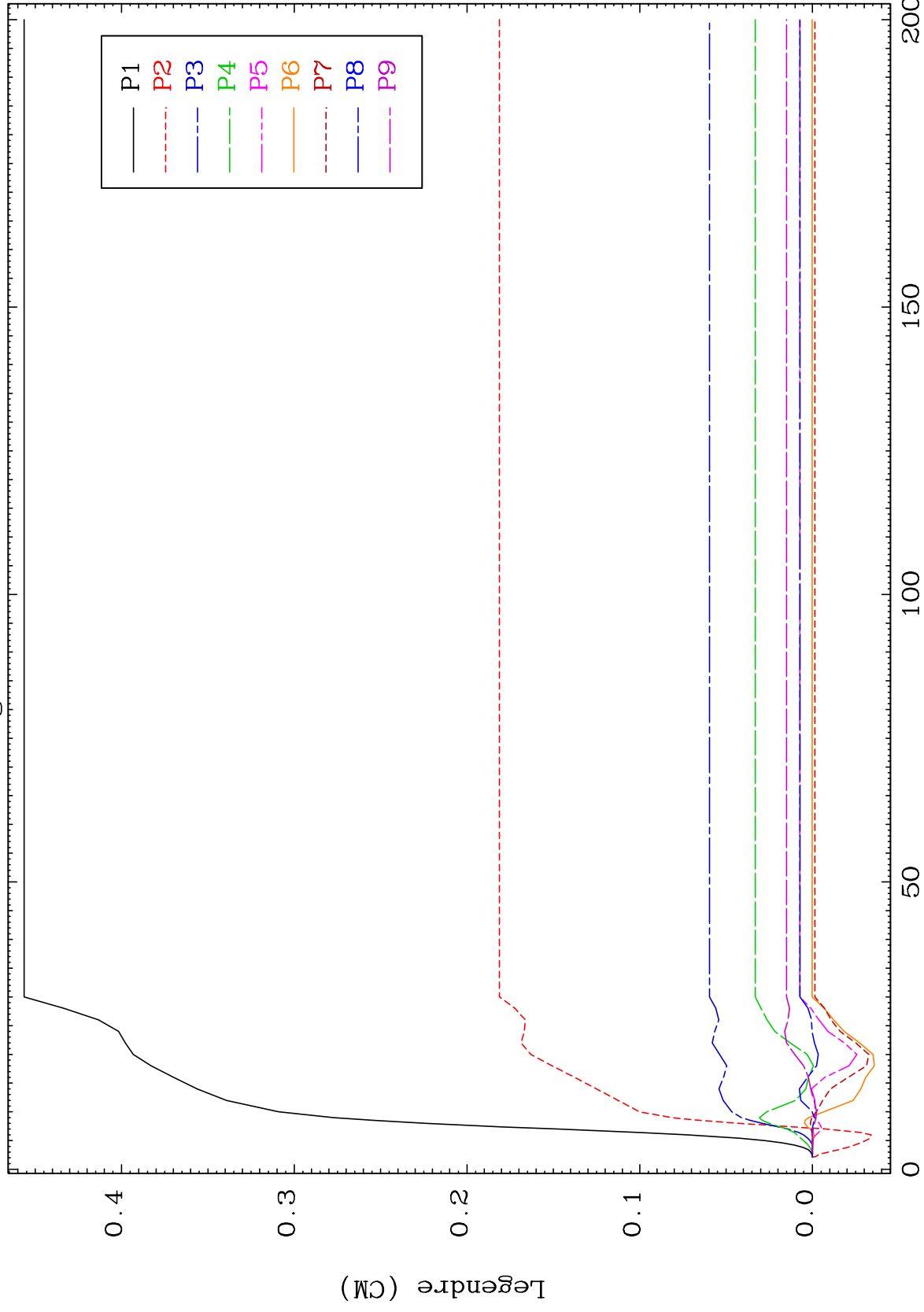
66



MAT 5107

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

51-Sb-115



51-Sb-115

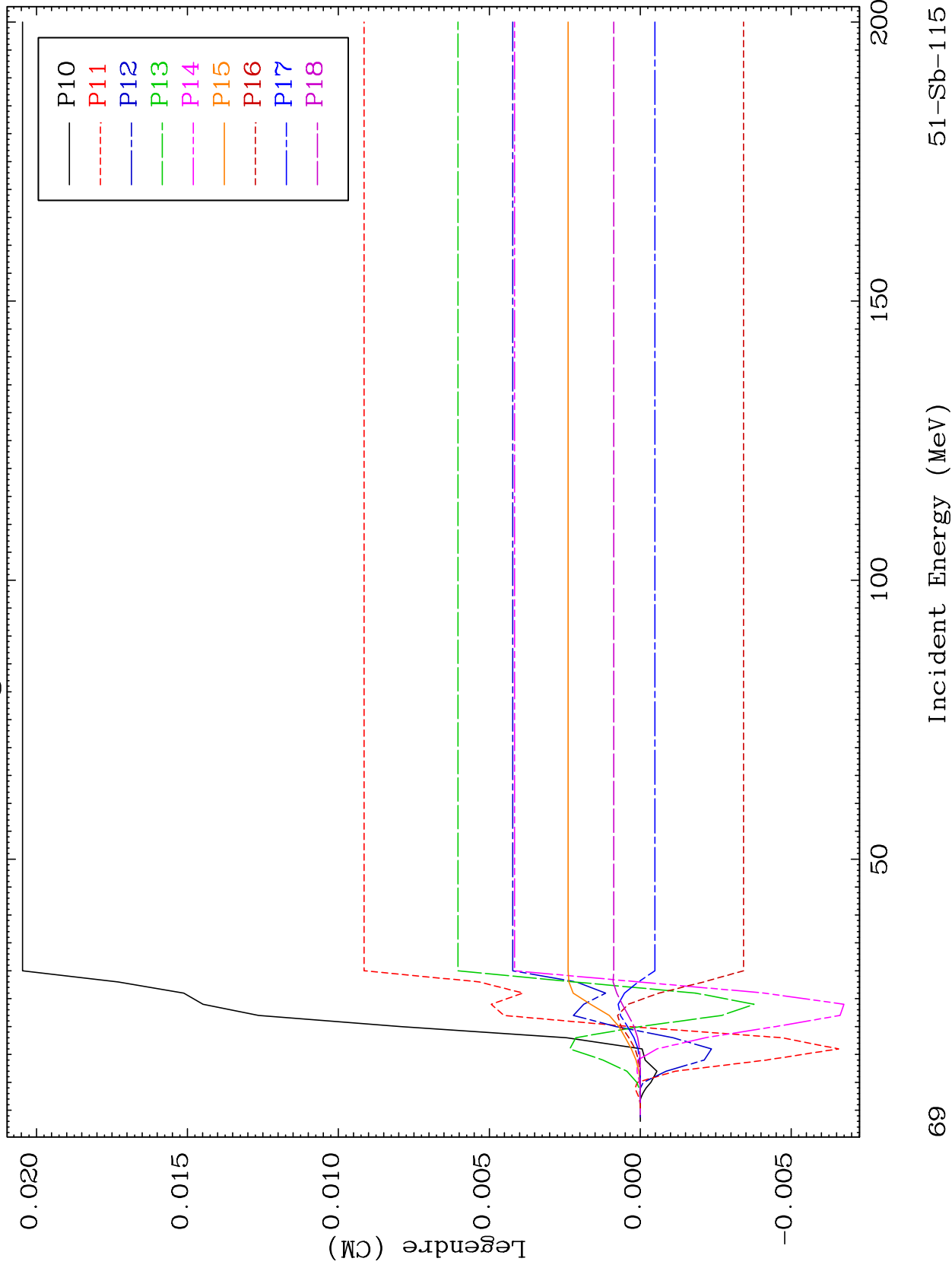
Incident Energy (MeV)

68

MAT 5107

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

51-Sb-115



69

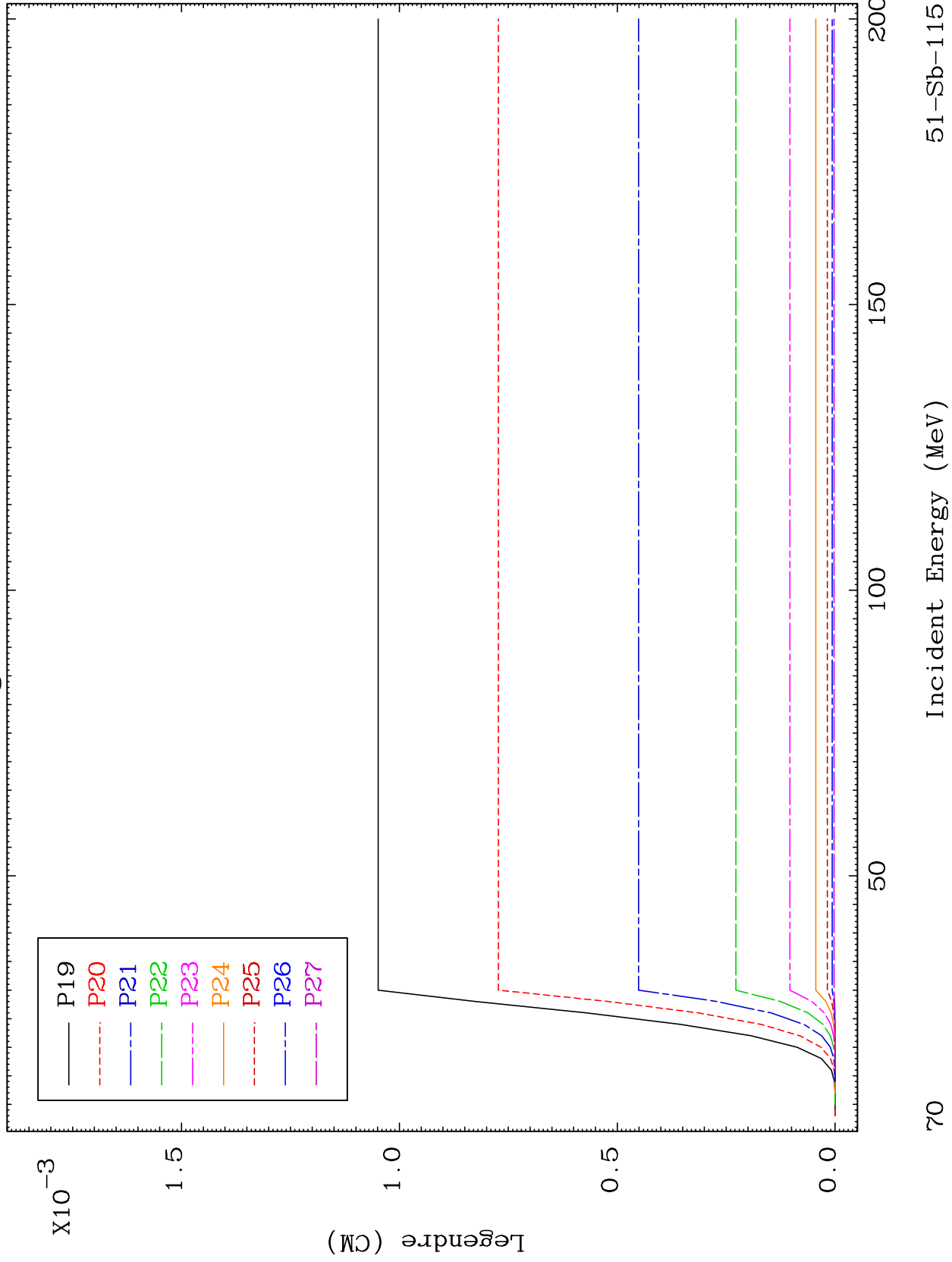
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



70

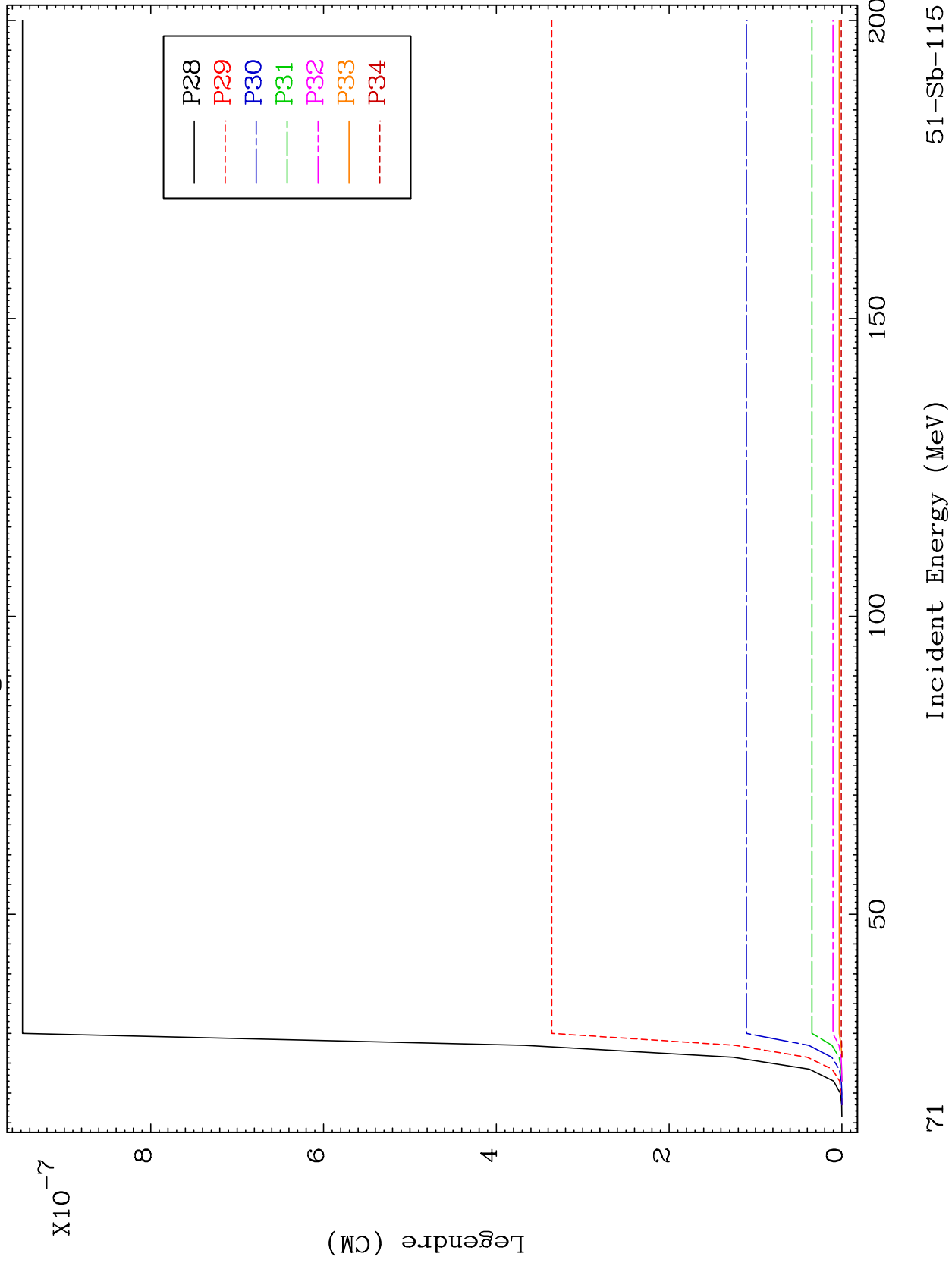
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

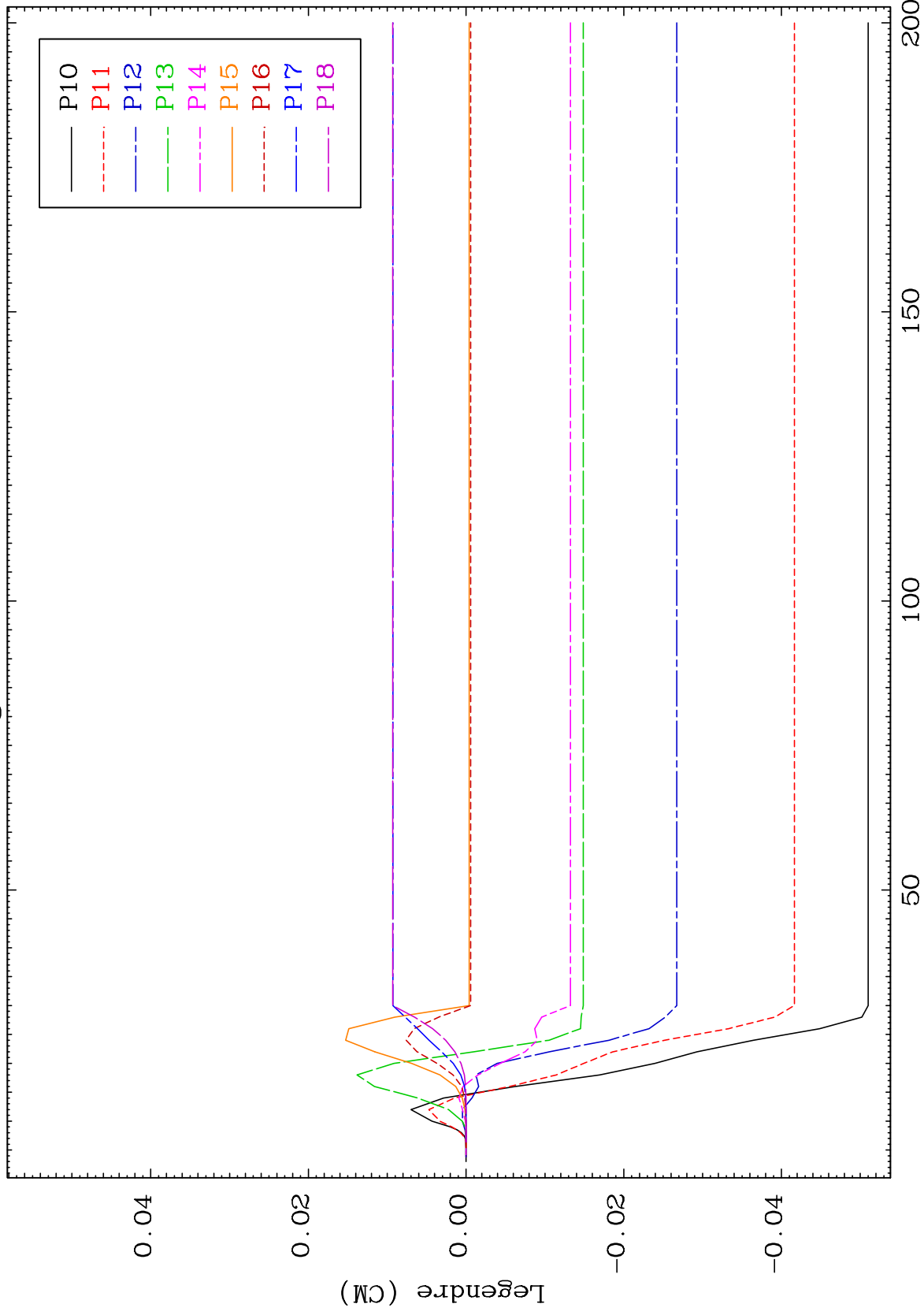
51-Sb-115



MAT 5107

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

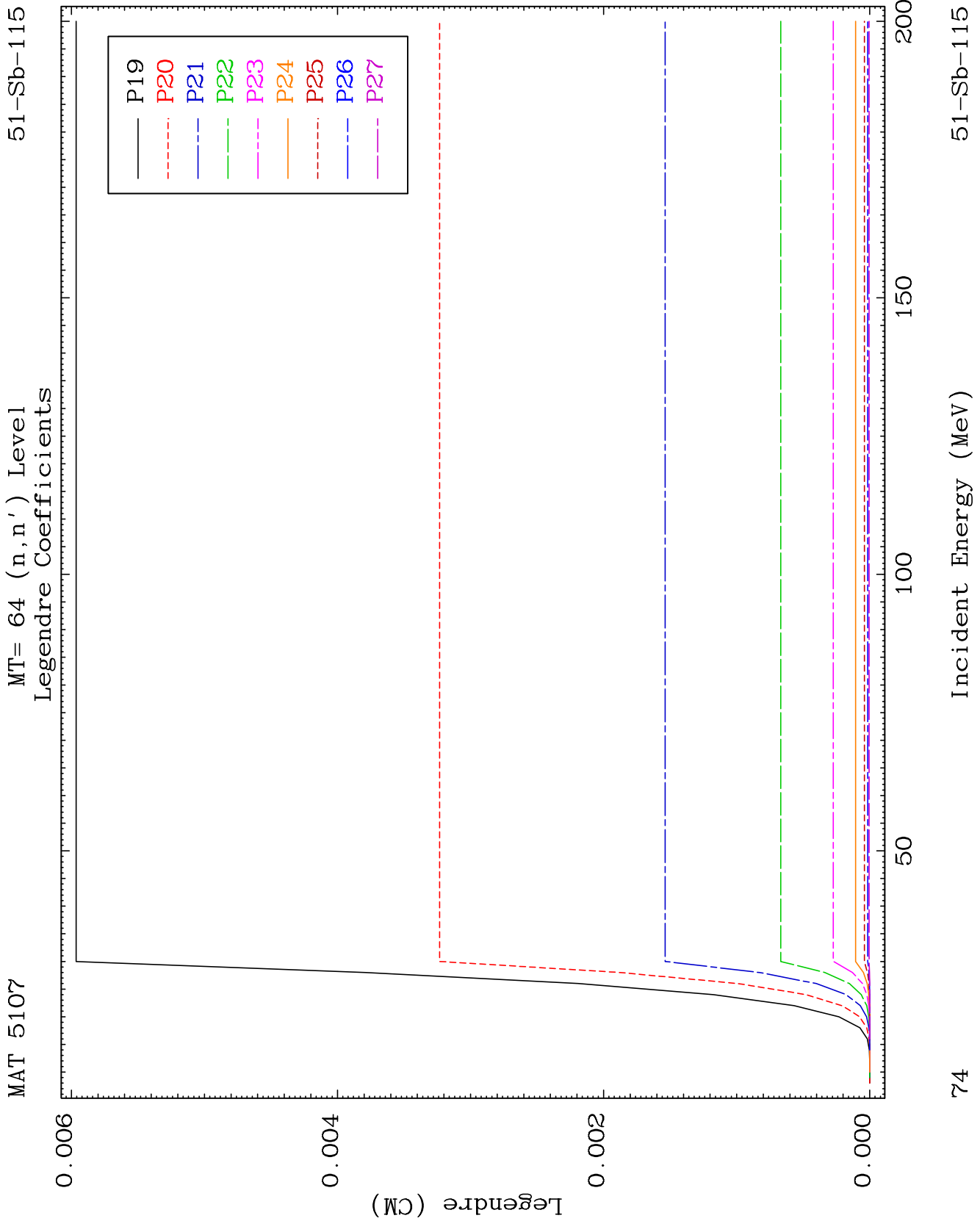
51-Sb-115



73

Incident Energy (MeV)

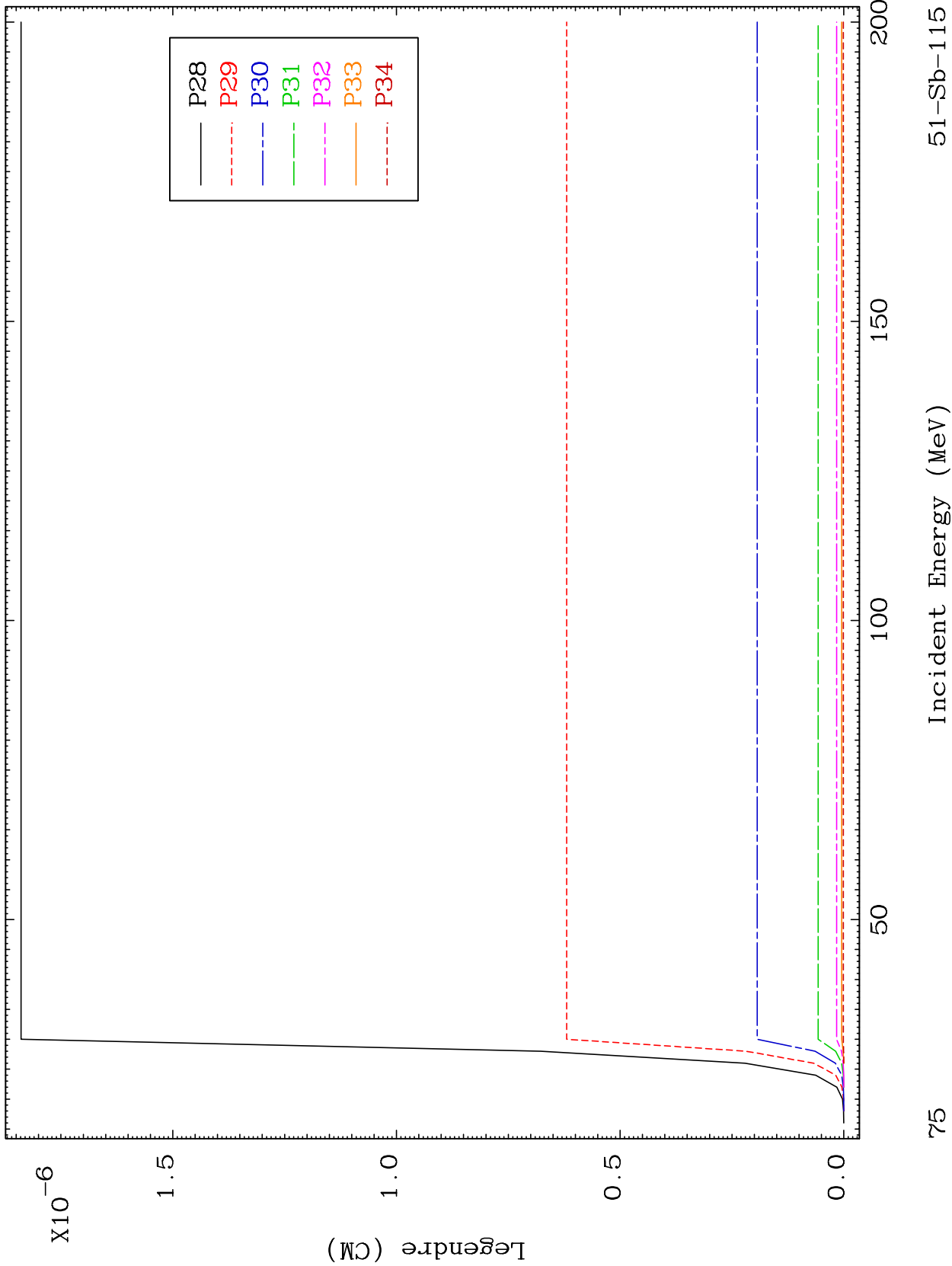
51-Sb-115



MAT 5107

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

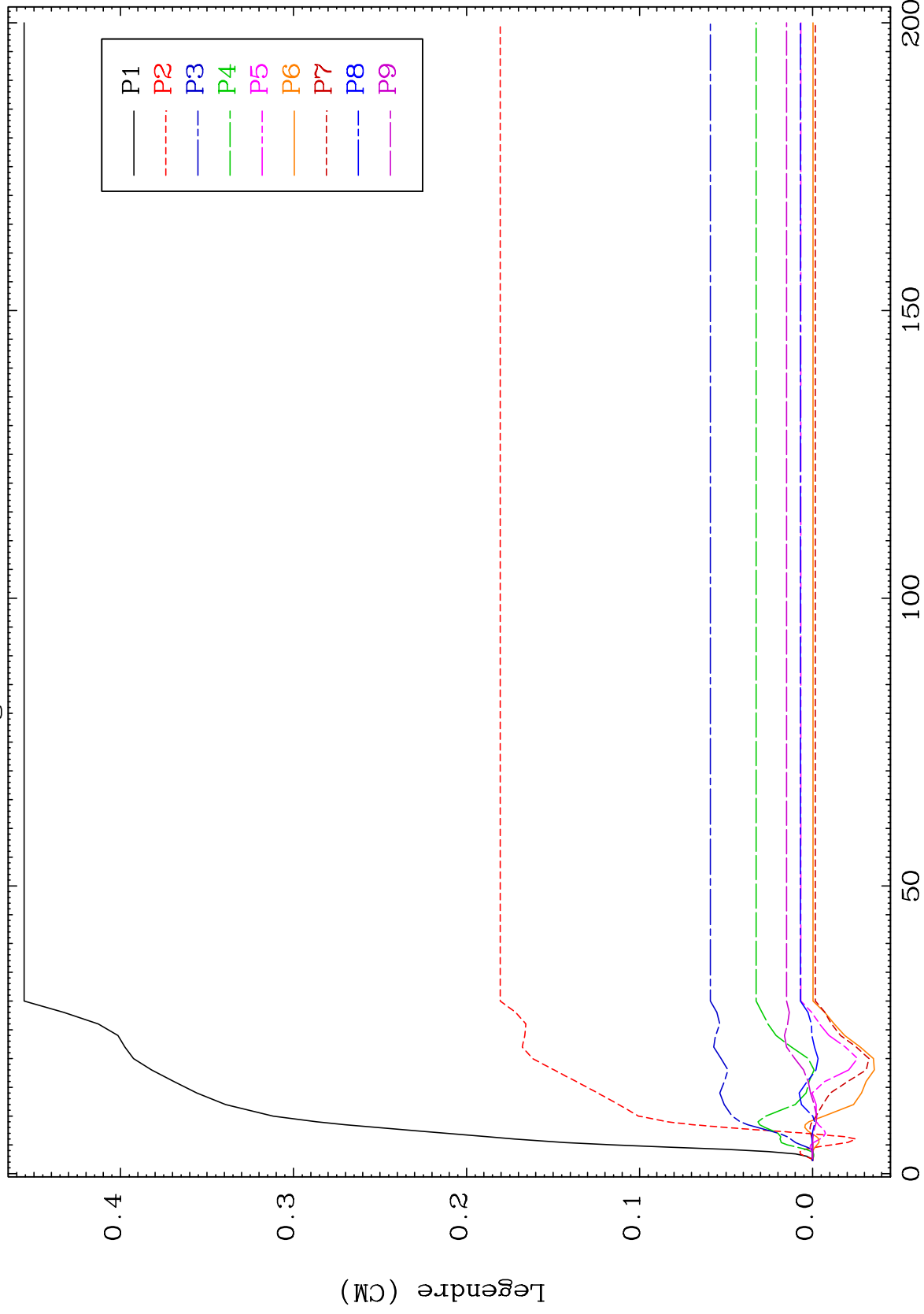
51-Sb-115



MAT 5107

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

51-Sb-115



76

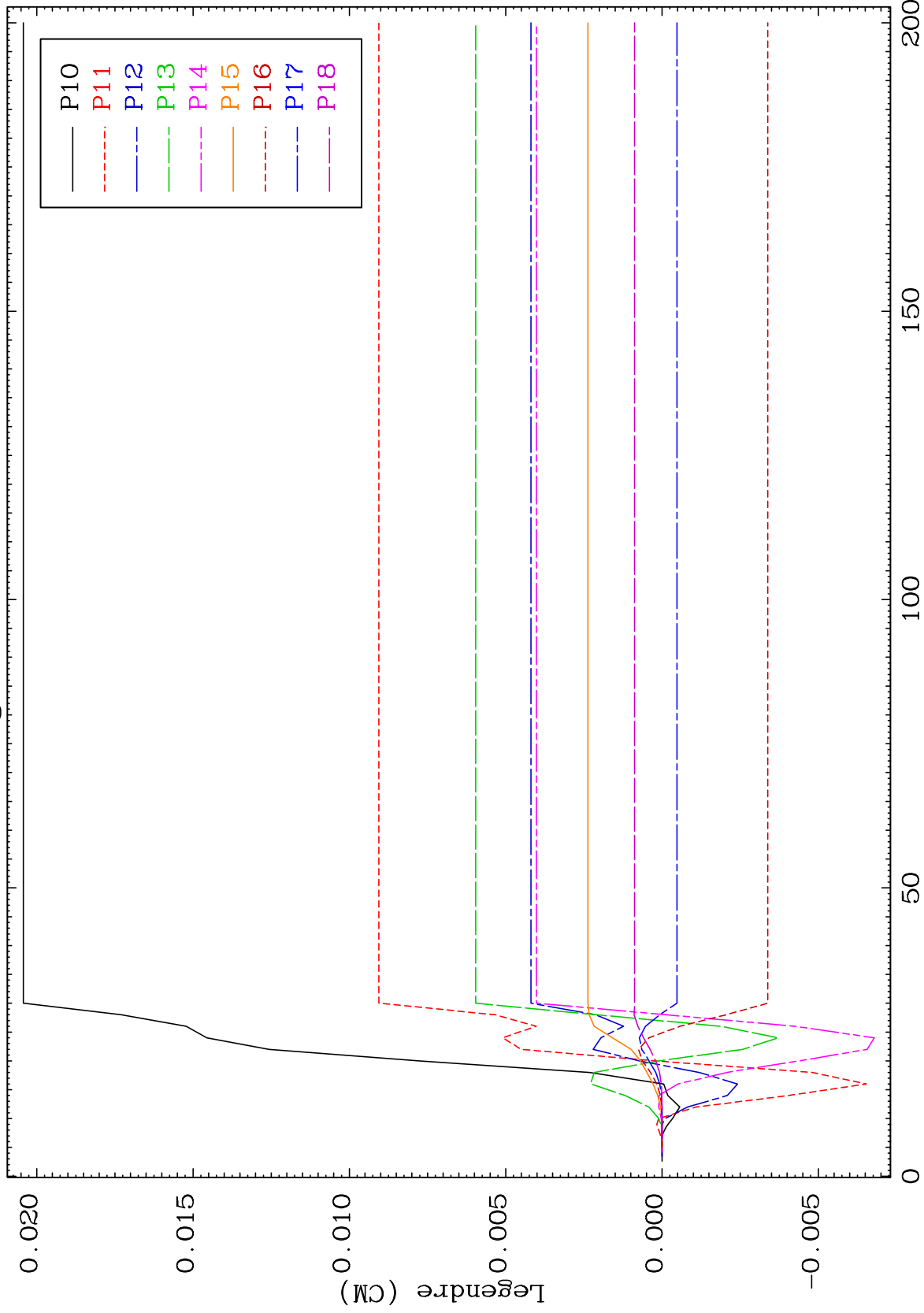
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



77

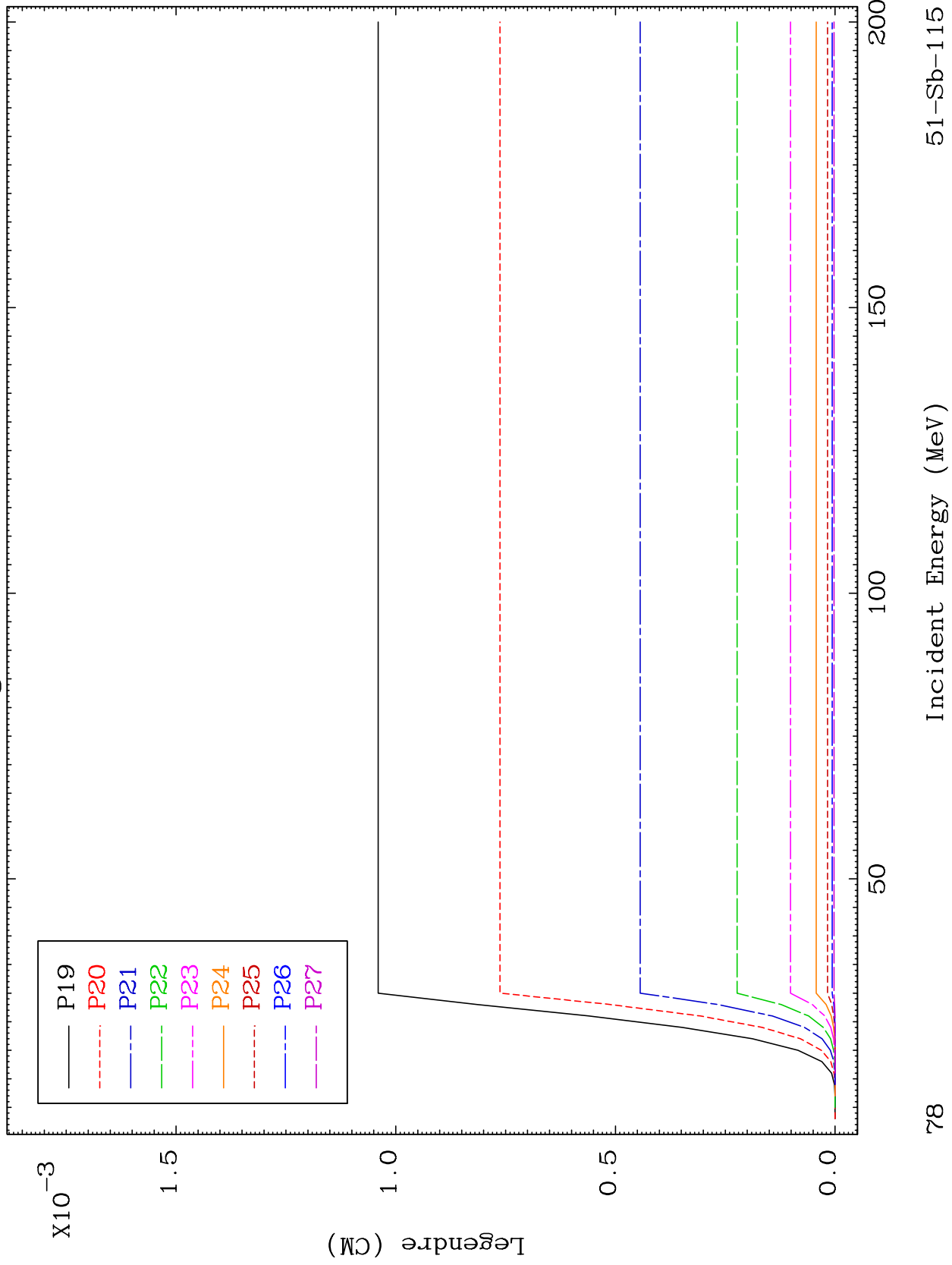
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



78

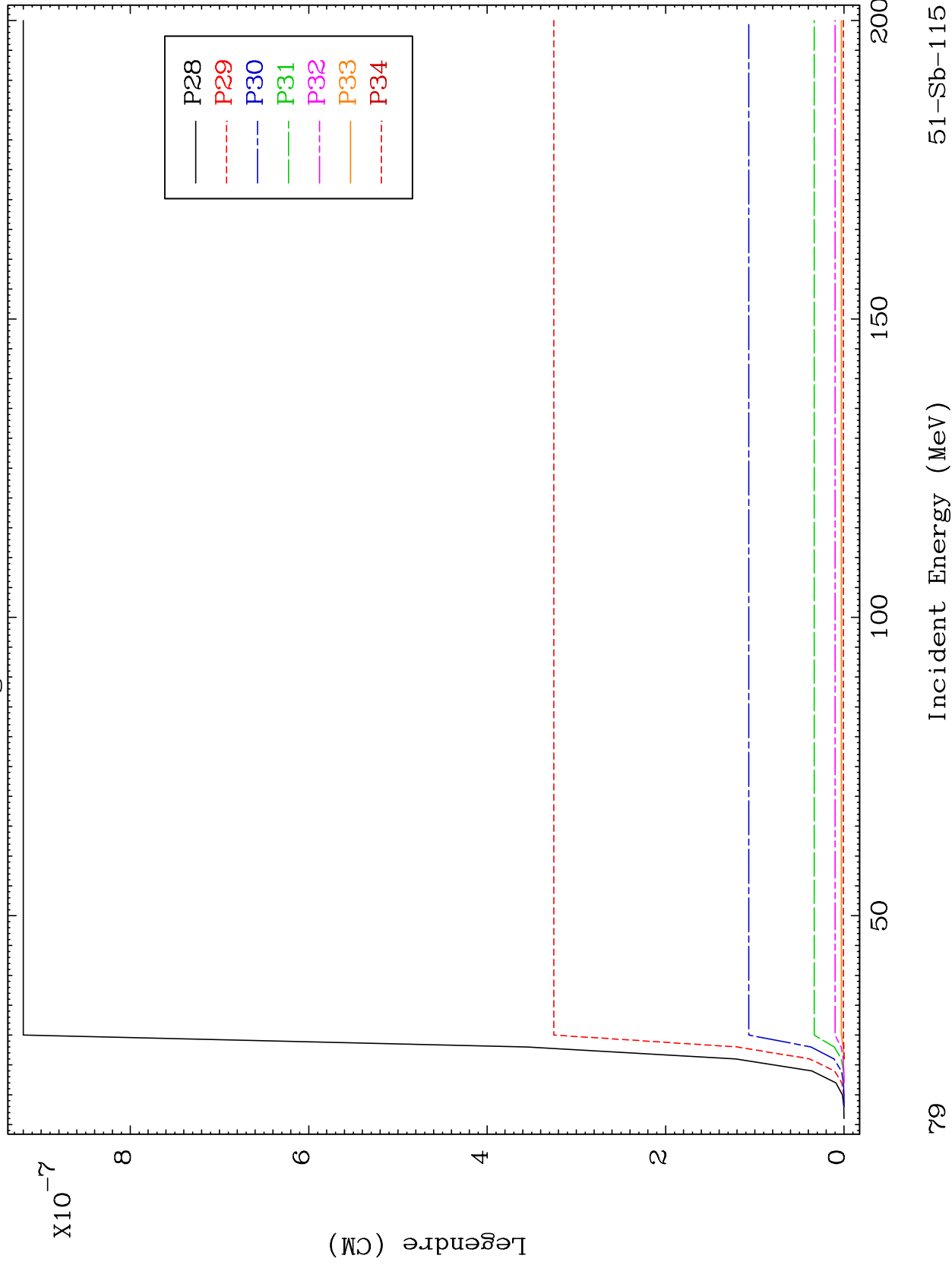
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

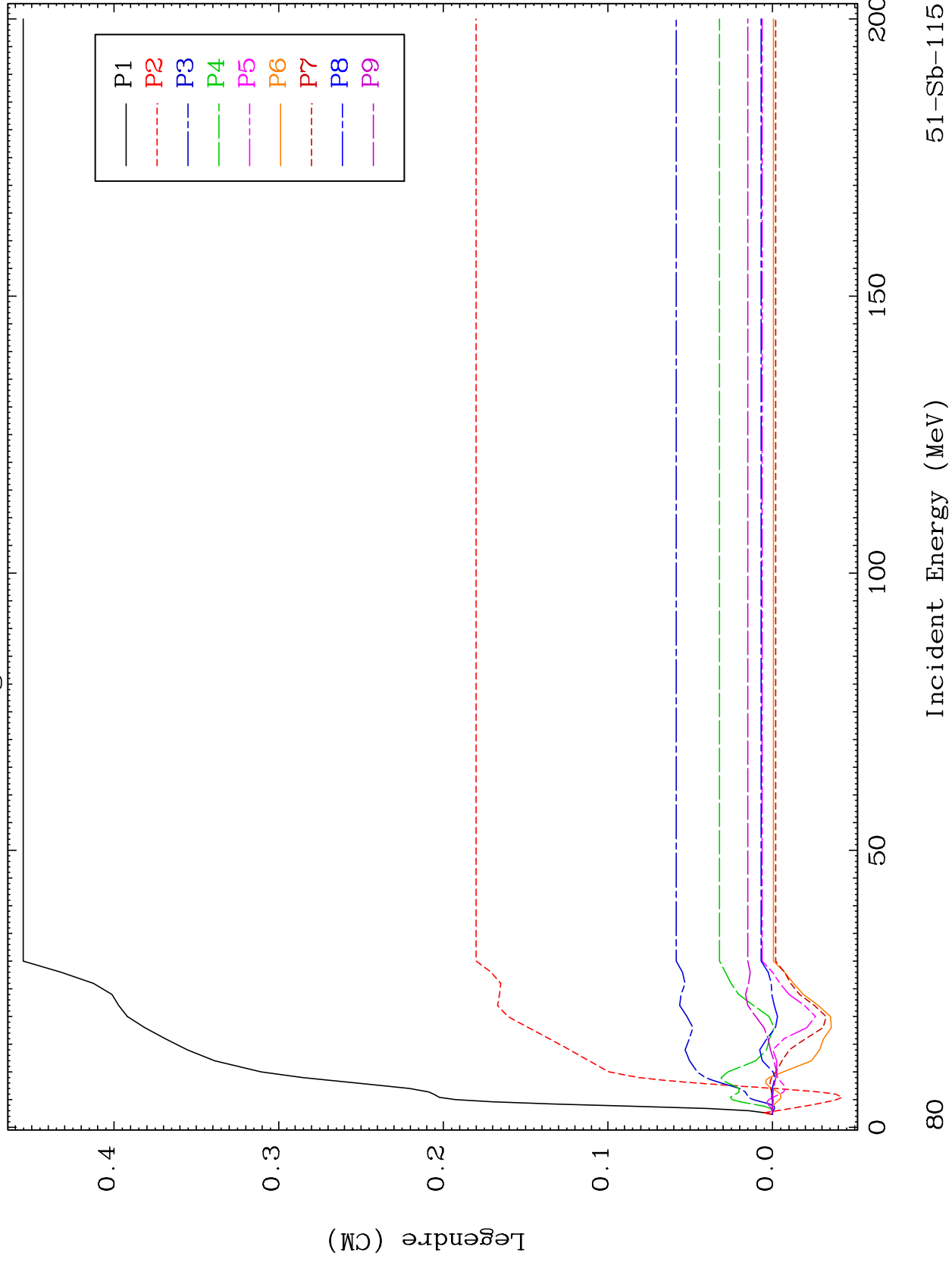
51-Sb-115



MAT 5107

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

51-Sb-115

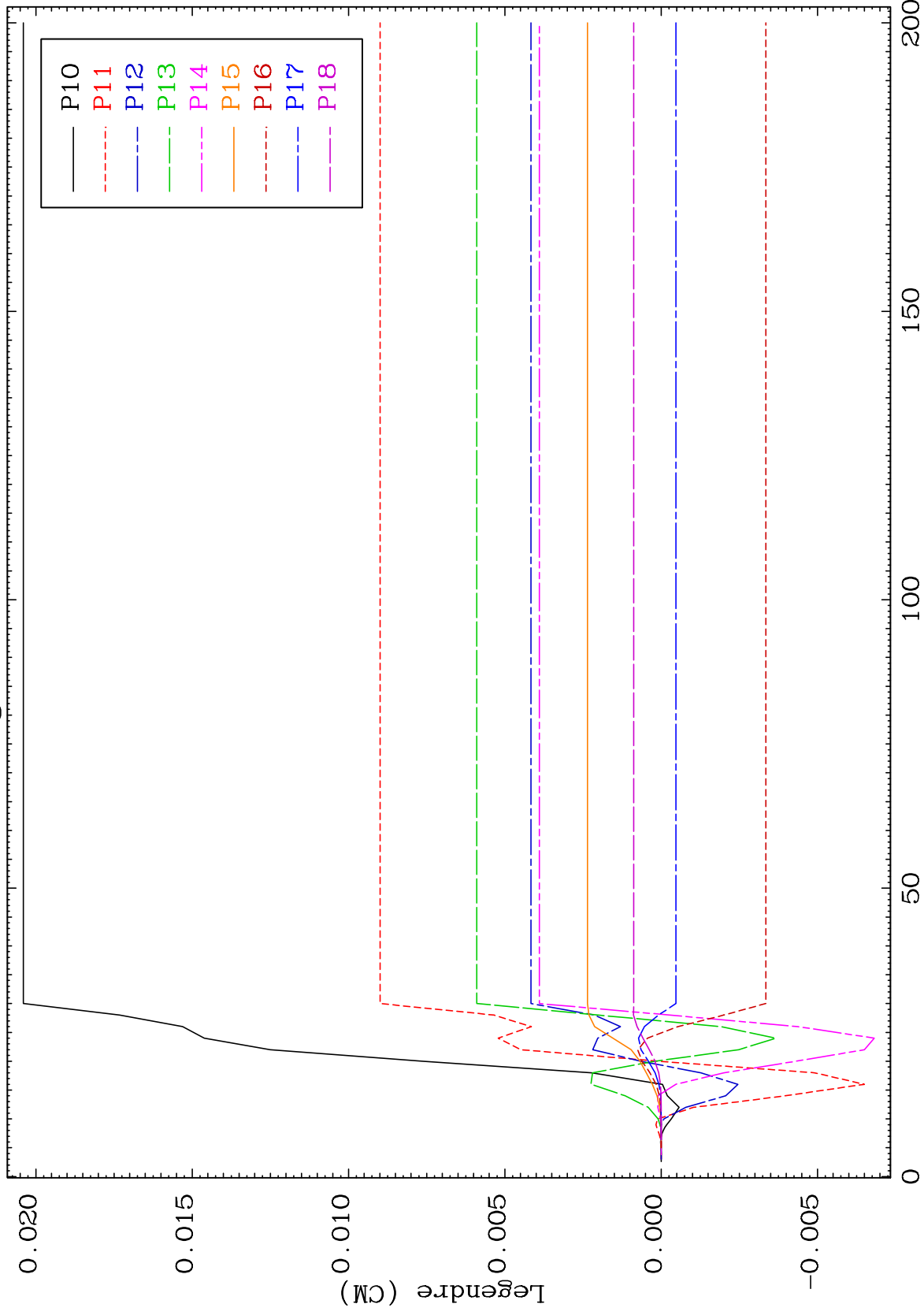


51-Sb-115

MAT 5107

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

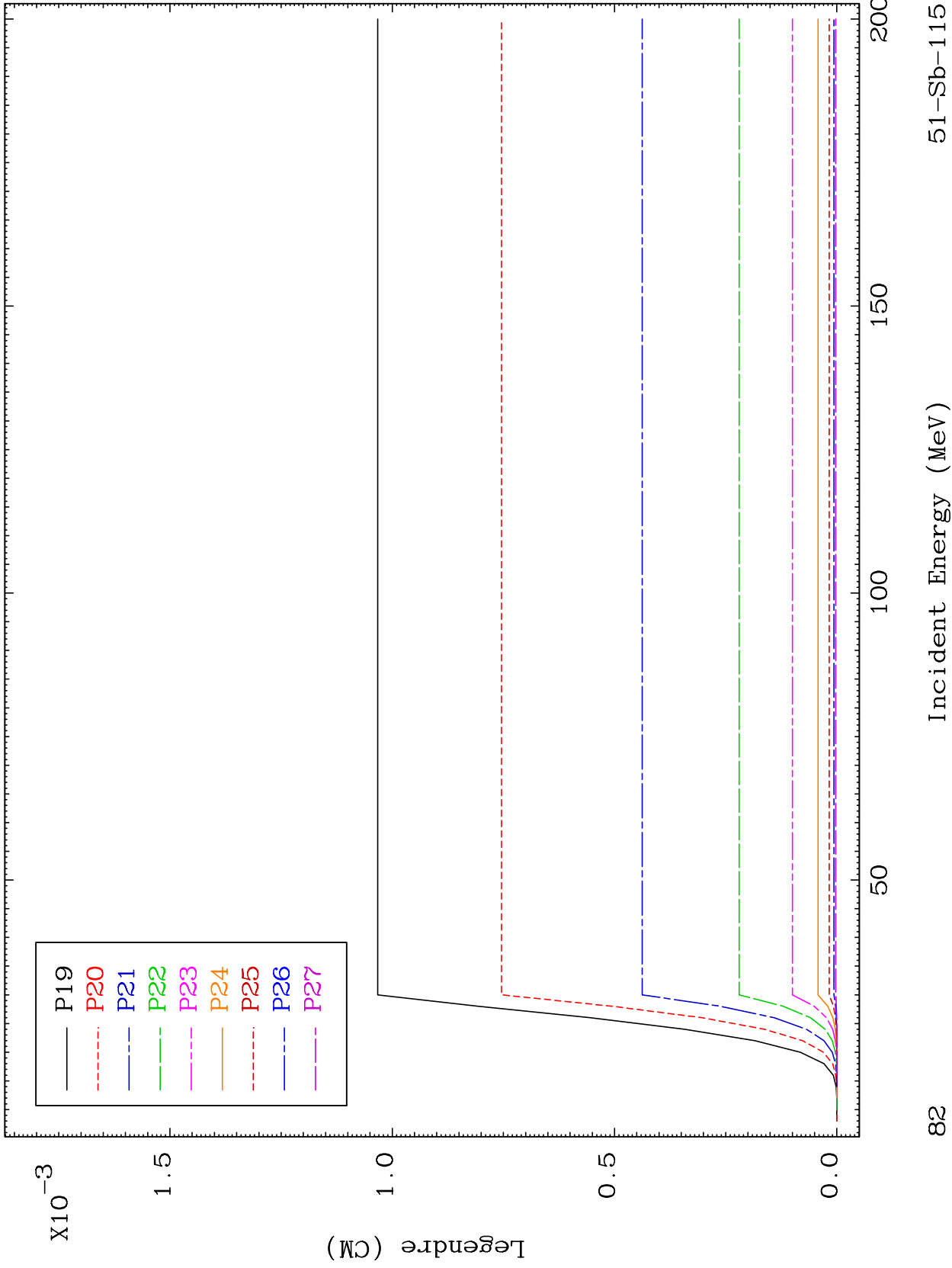
51-Sb-115



81

Incident Energy (MeV)

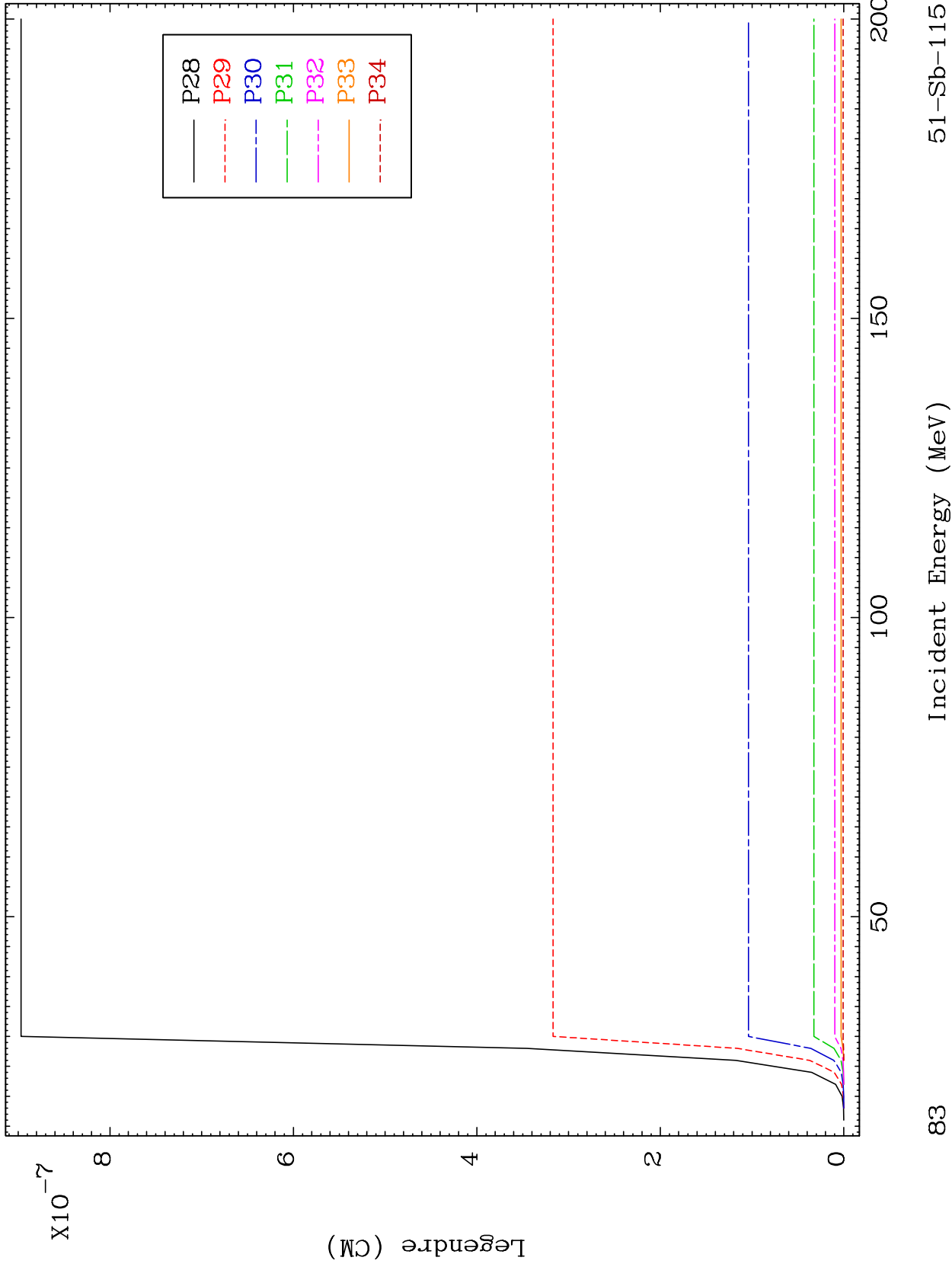
51-Sb-115



MAT 5107

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

51-Sb-115



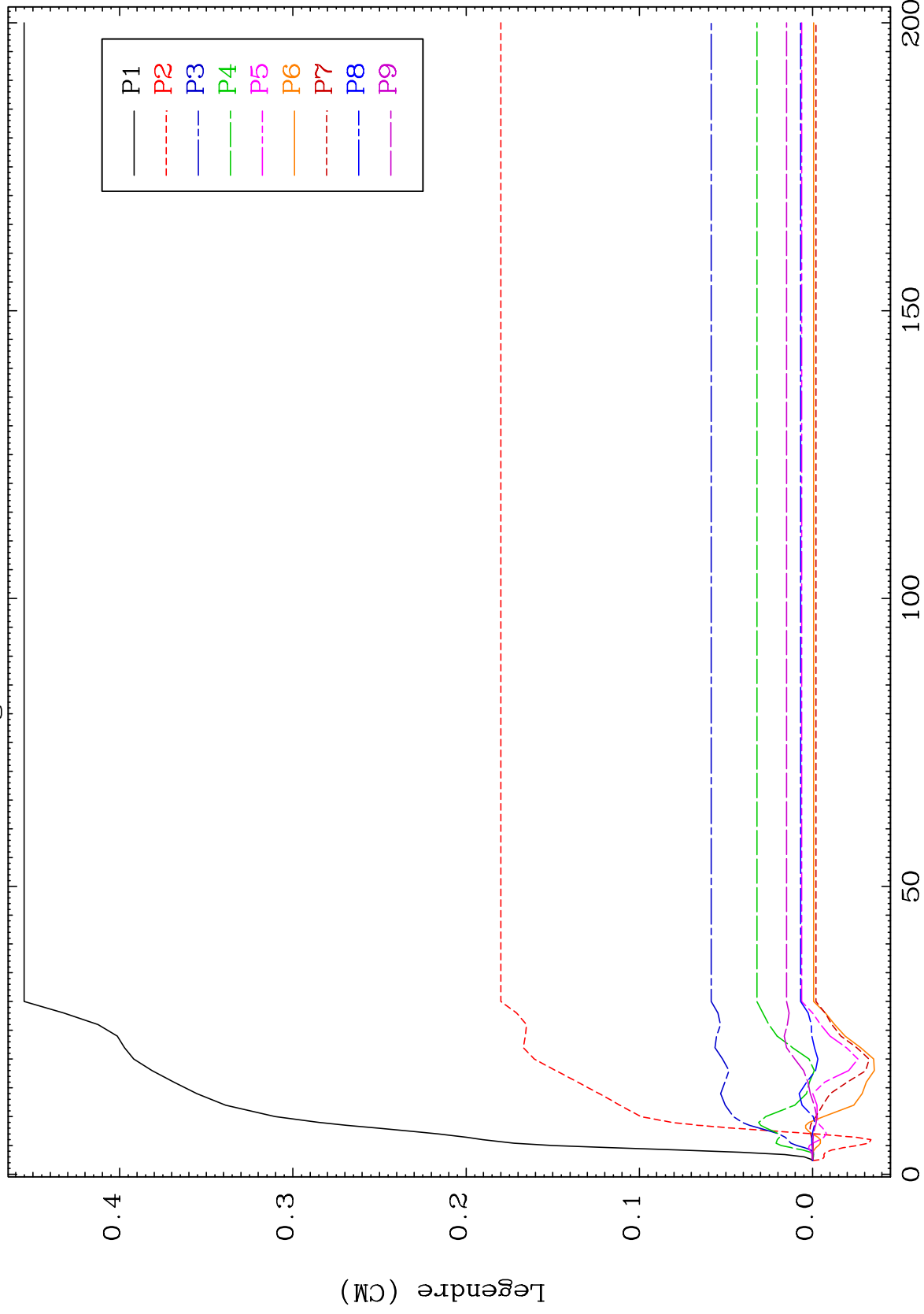
83

51-Sb-115

MAT 5107

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

51-Sb-115



84

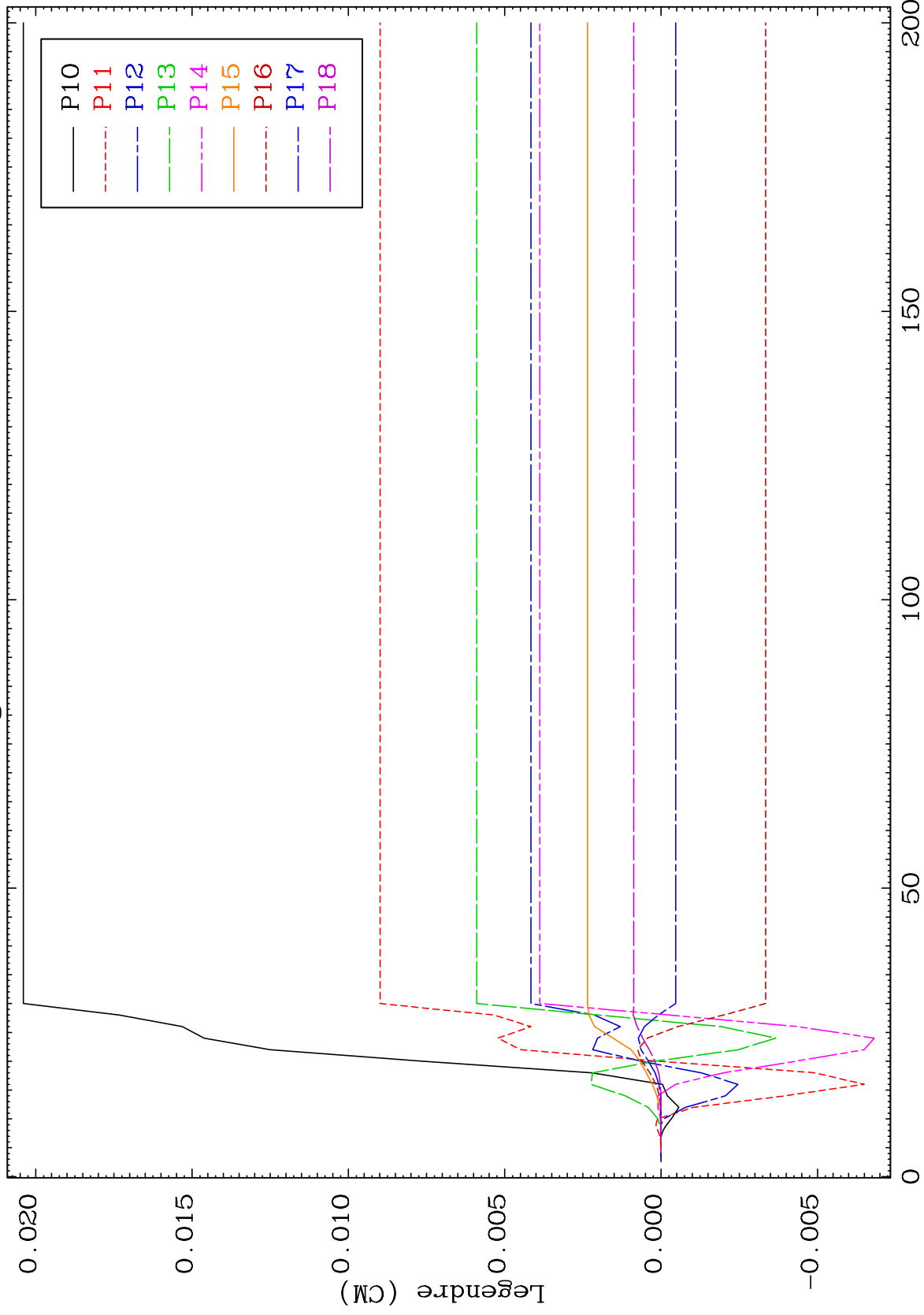
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

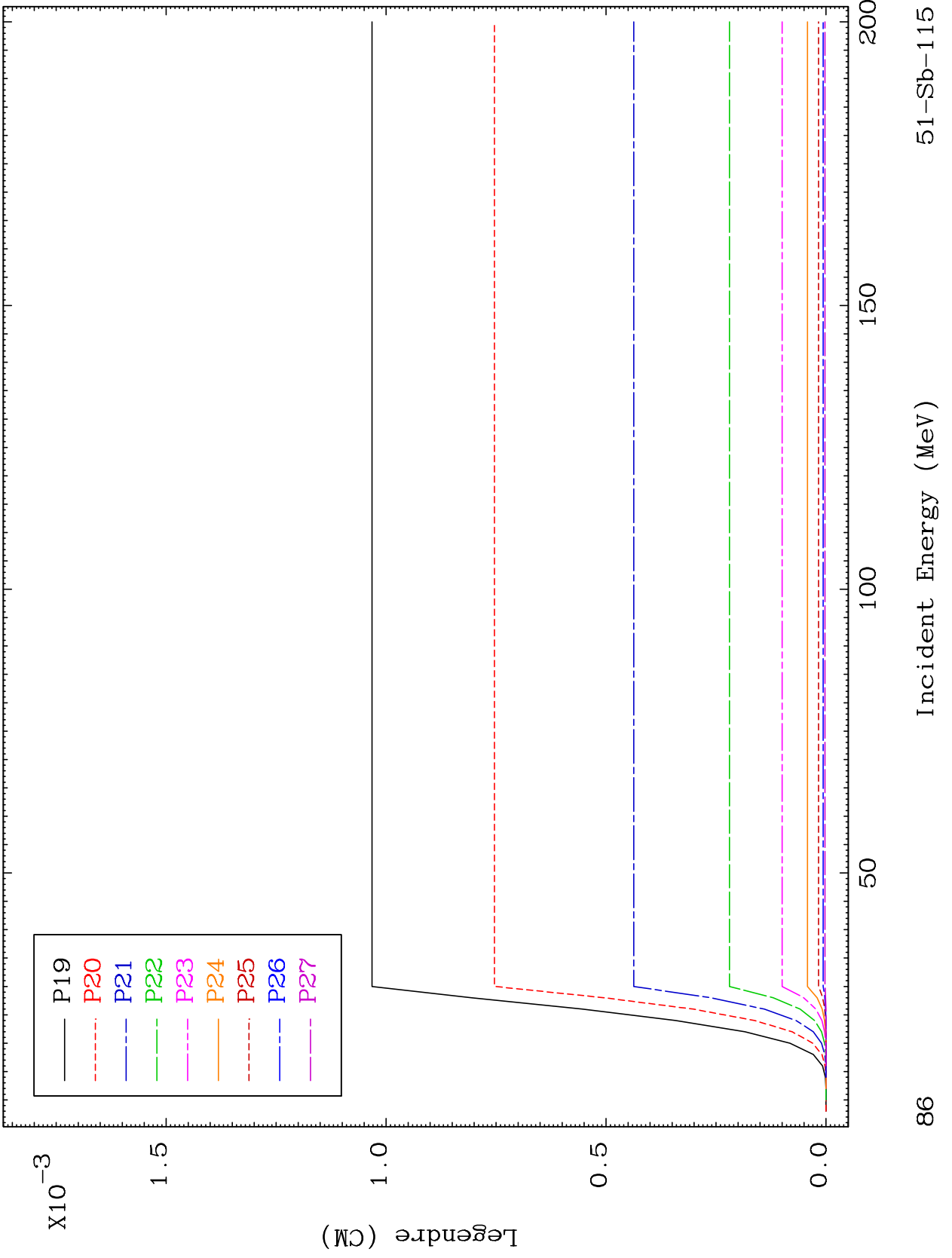
51-Sb-115



85

Incident Energy (MeV)

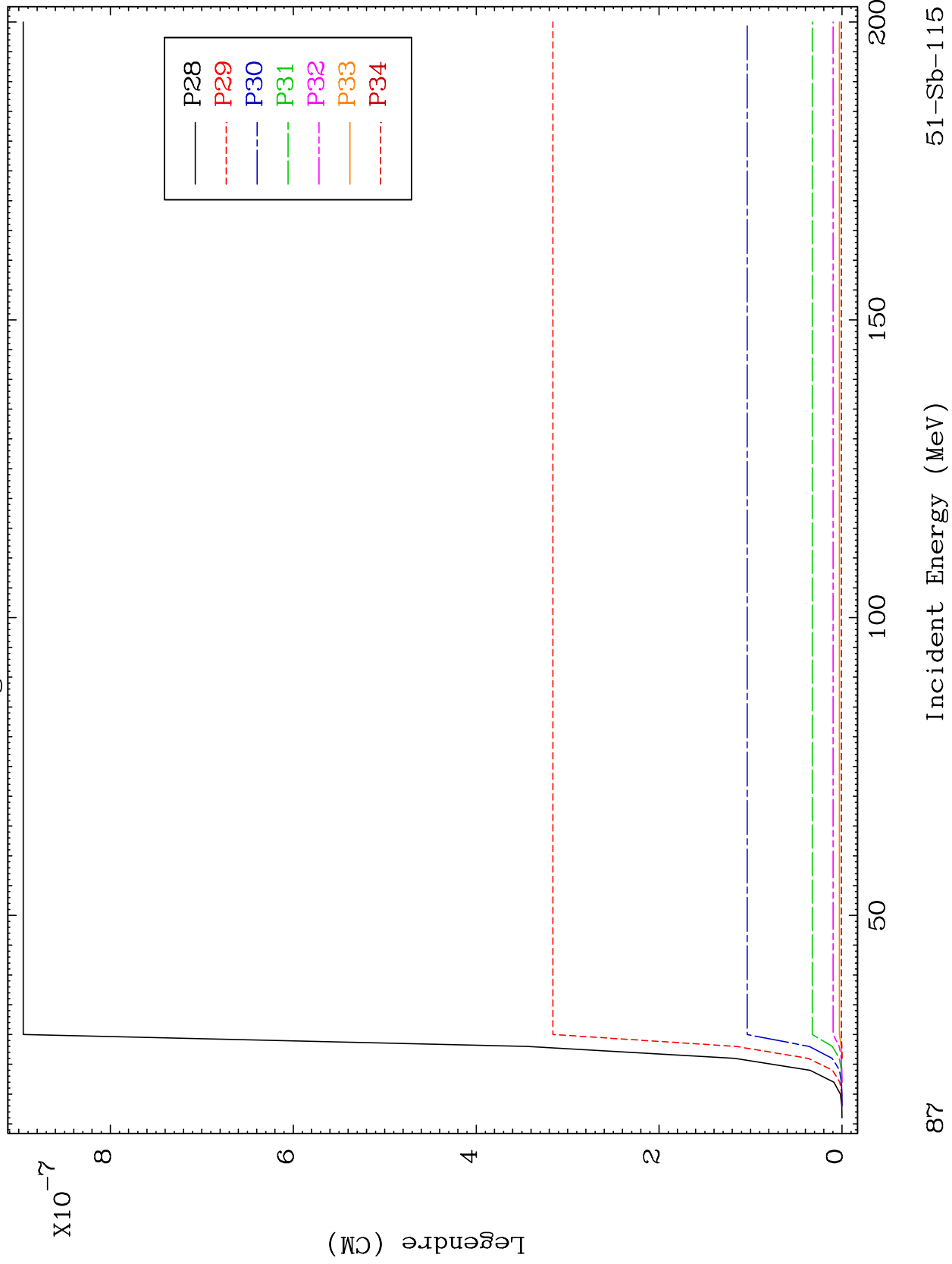
51-Sb-115



MAT 5107

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

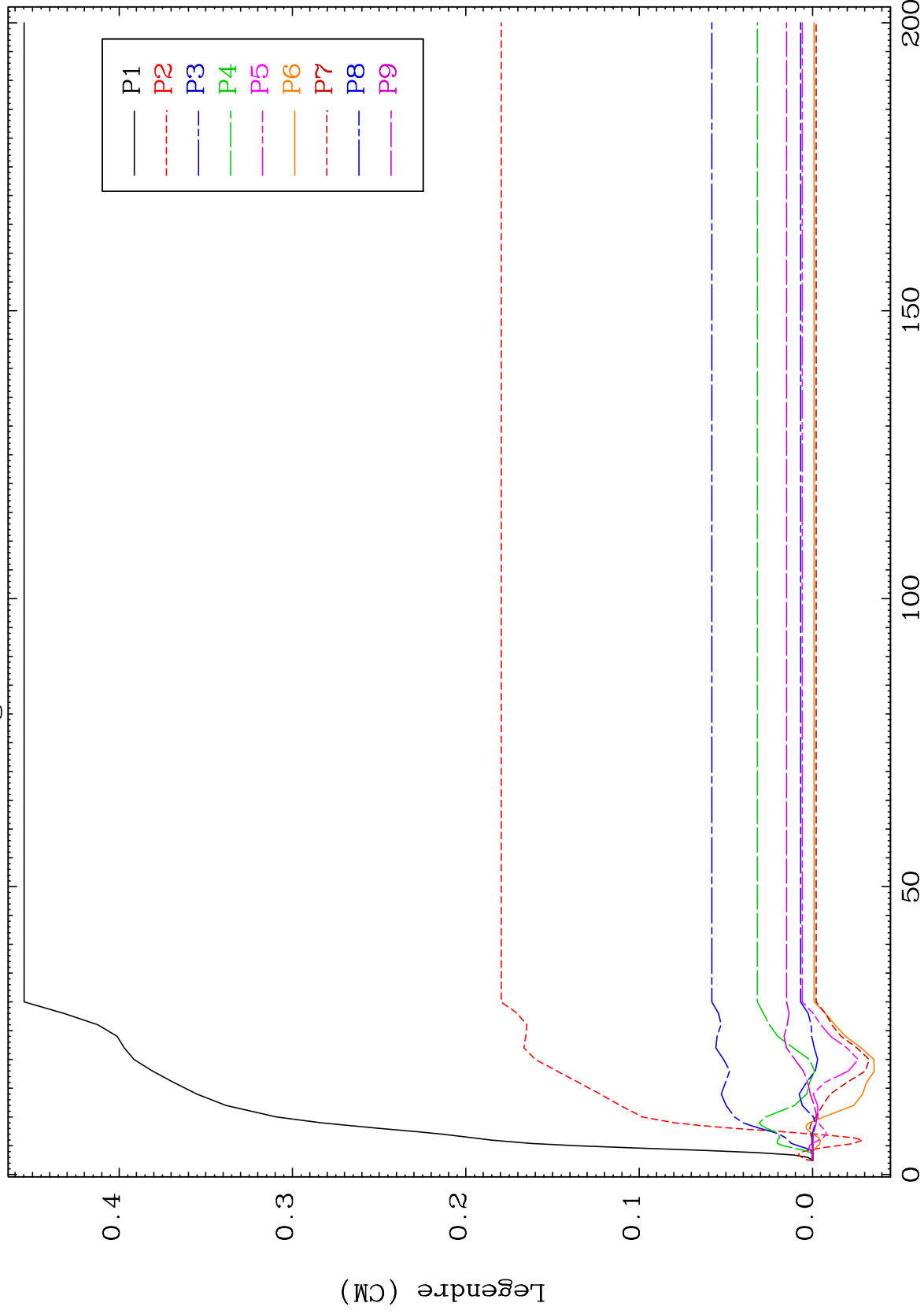
51-Sb-115



MAT 5107

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

51-Sb-115



51-Sb-115

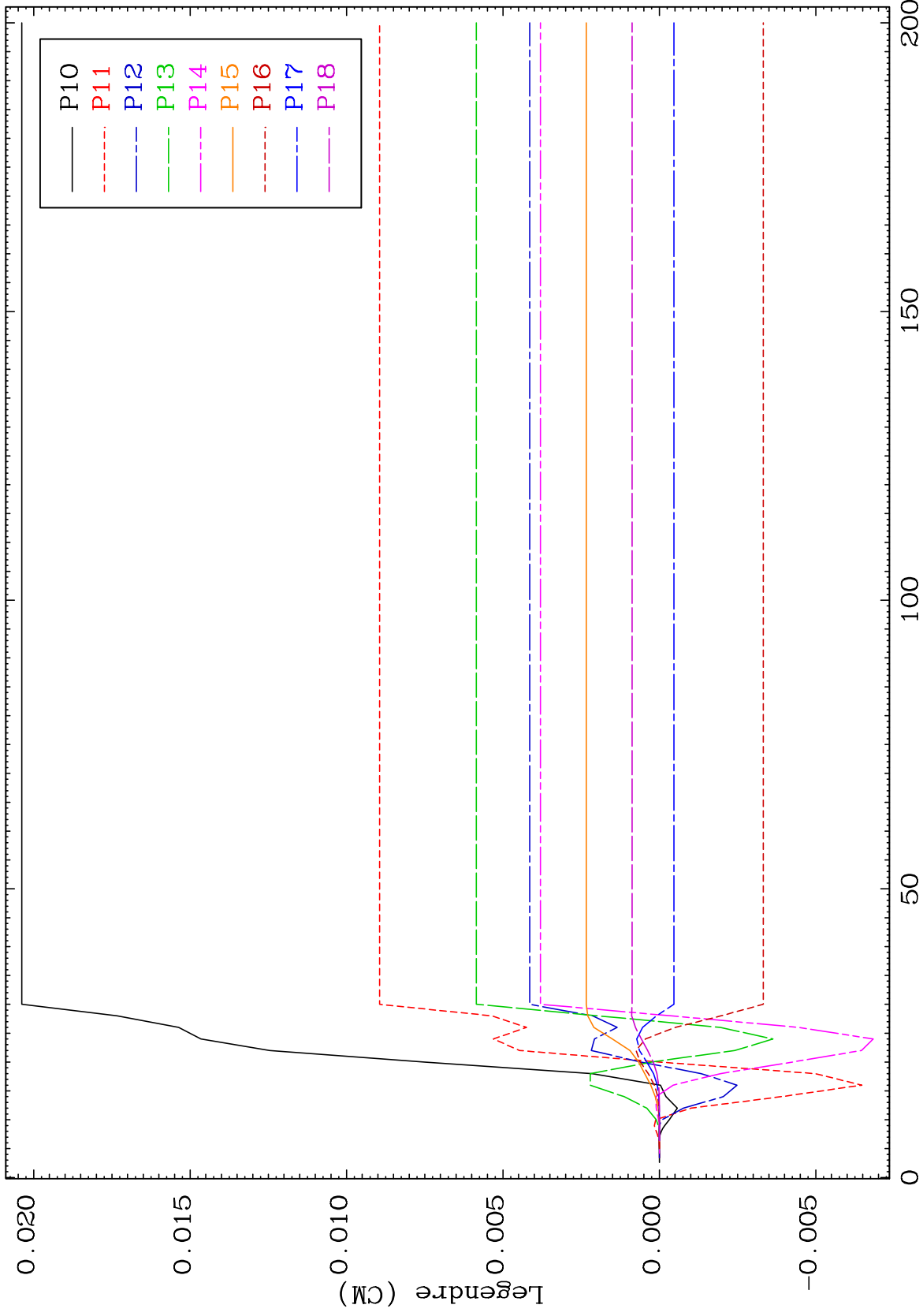
Incident Energy (MeV)

88

MAT 5107

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

51-Sb-115



89

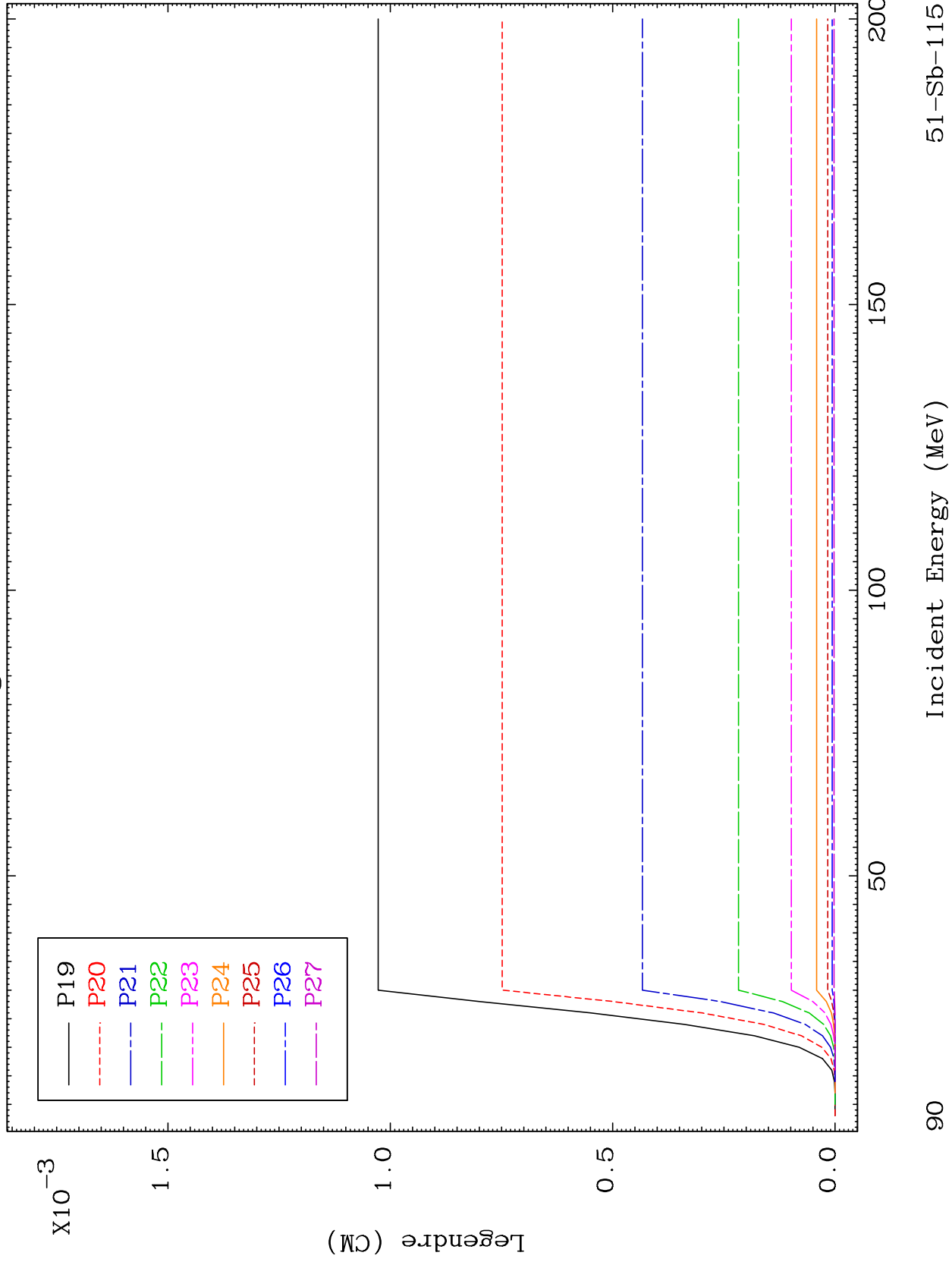
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

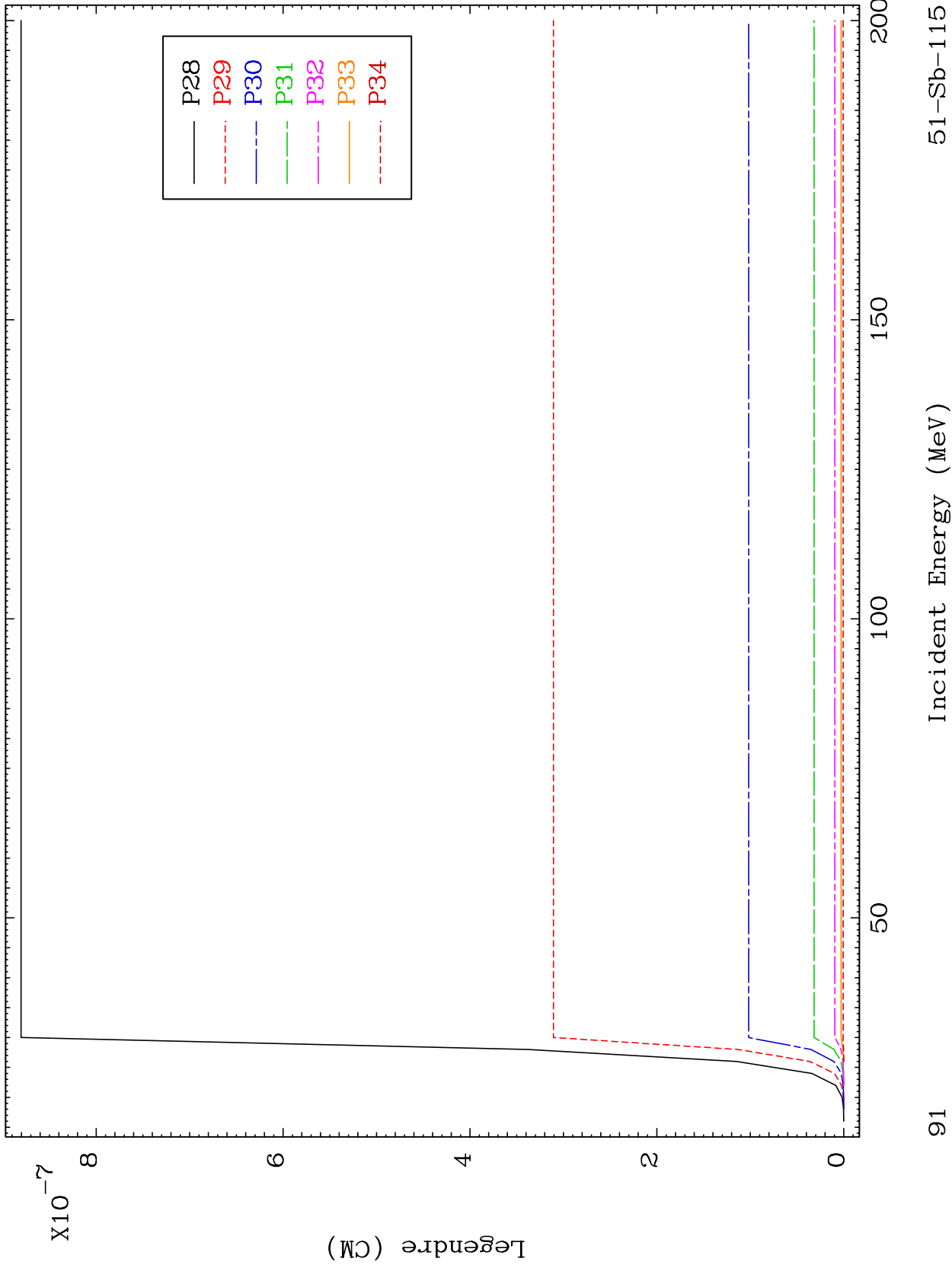
51-Sb-115



MAT 5107

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

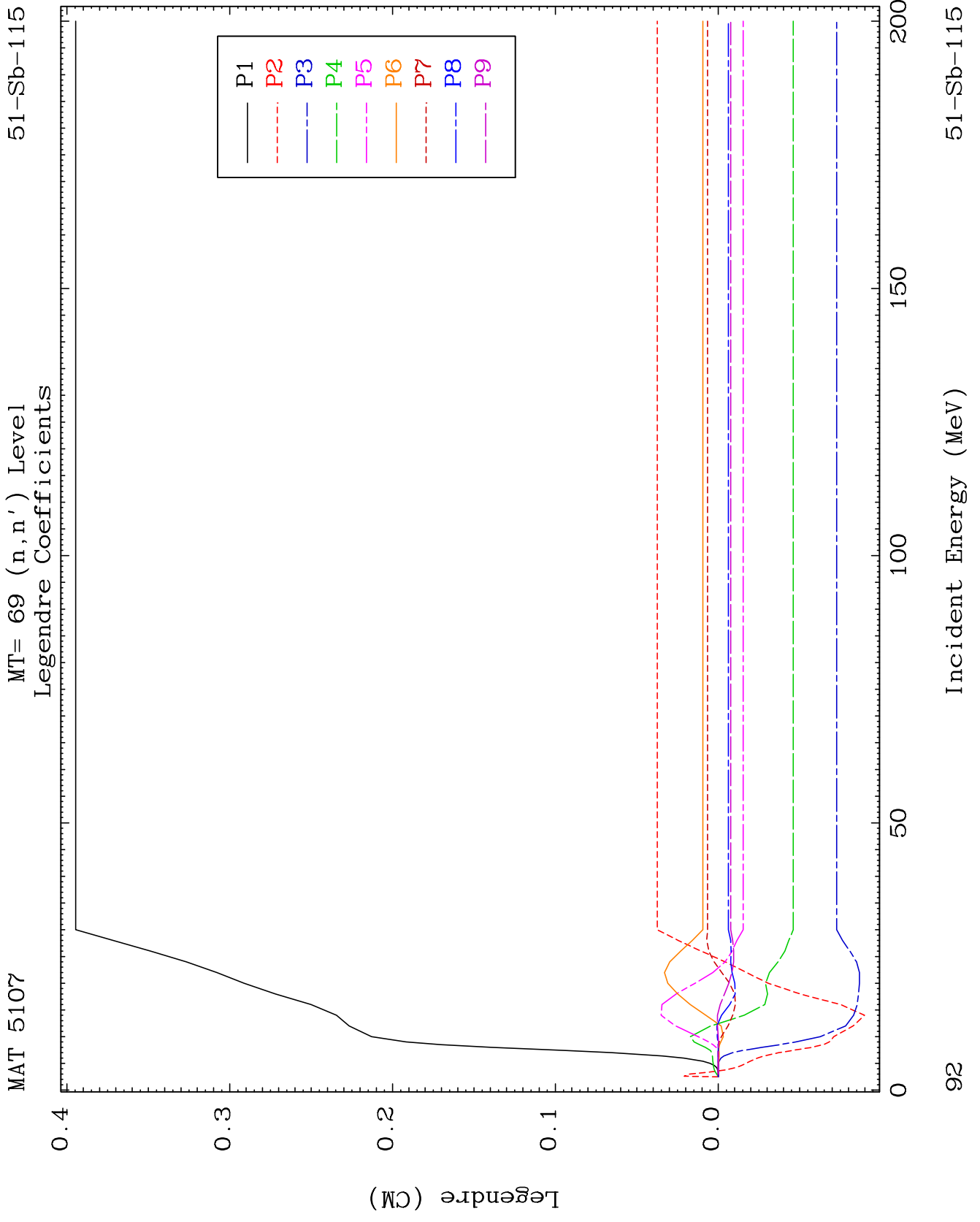
51-Sb-115



91

Incident Energy (MeV)

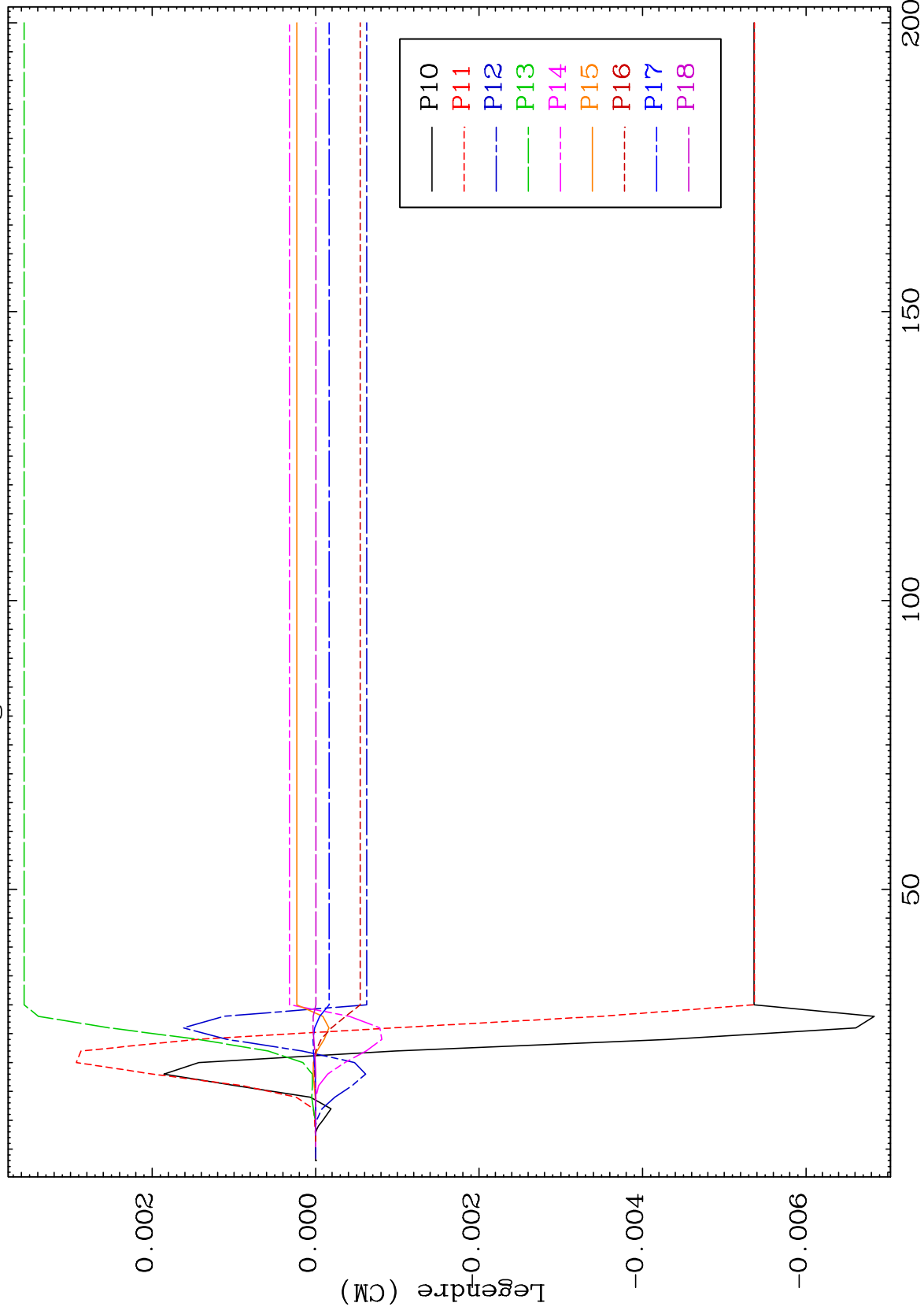
51-Sb-115



MAT 5107

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

51-Sb-115



93

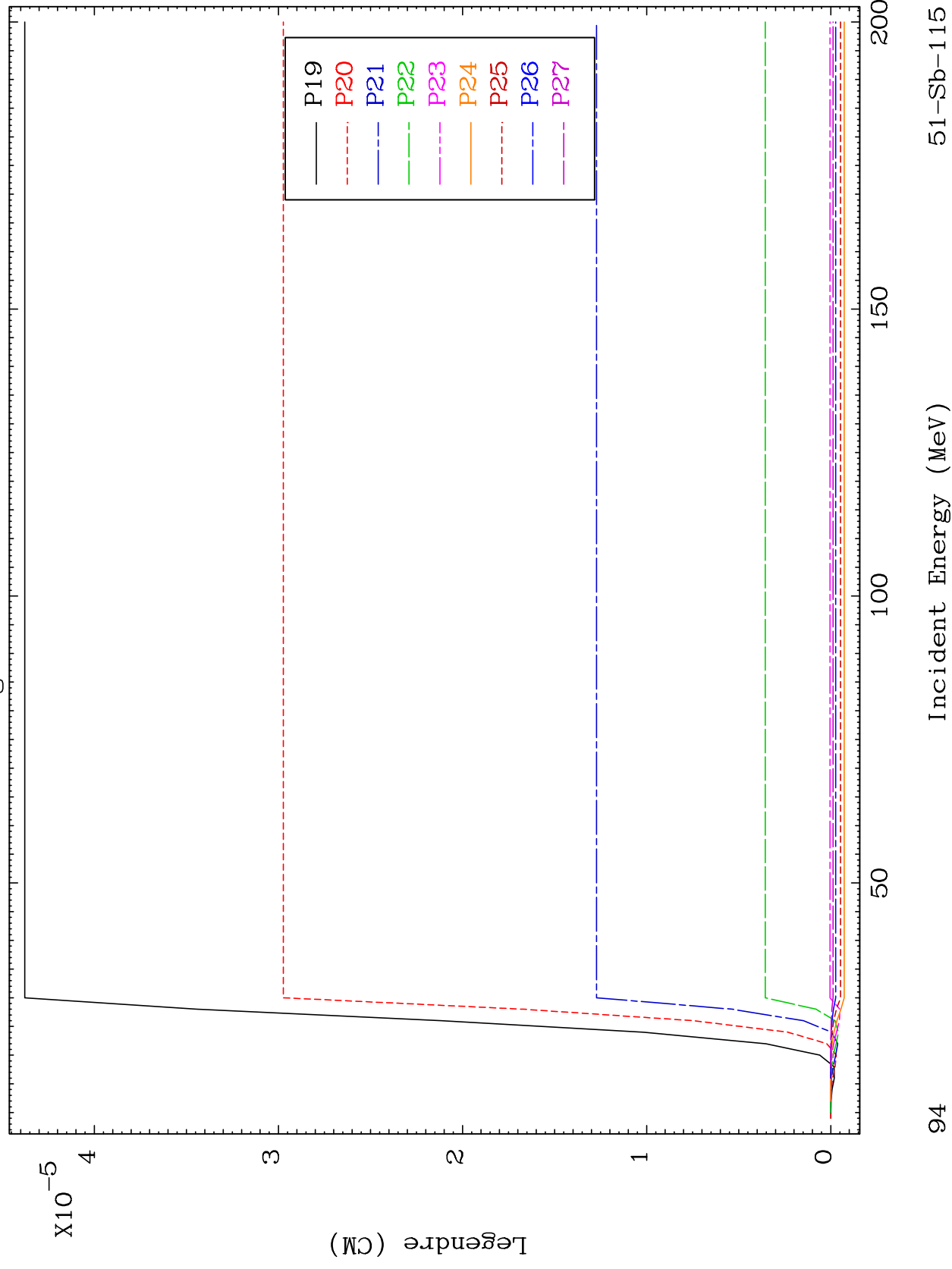
Incident Energy (MeV)

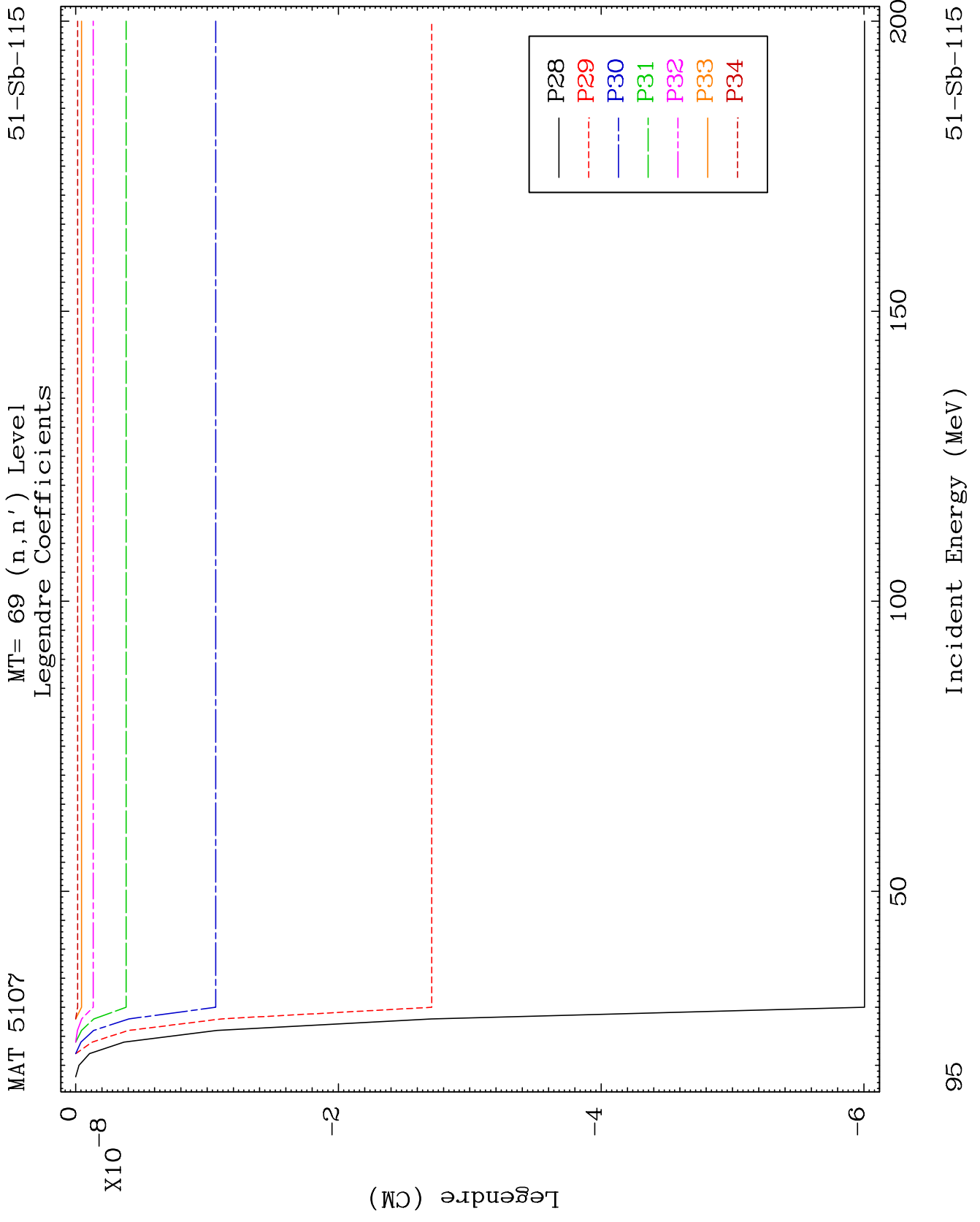
51-Sb-115

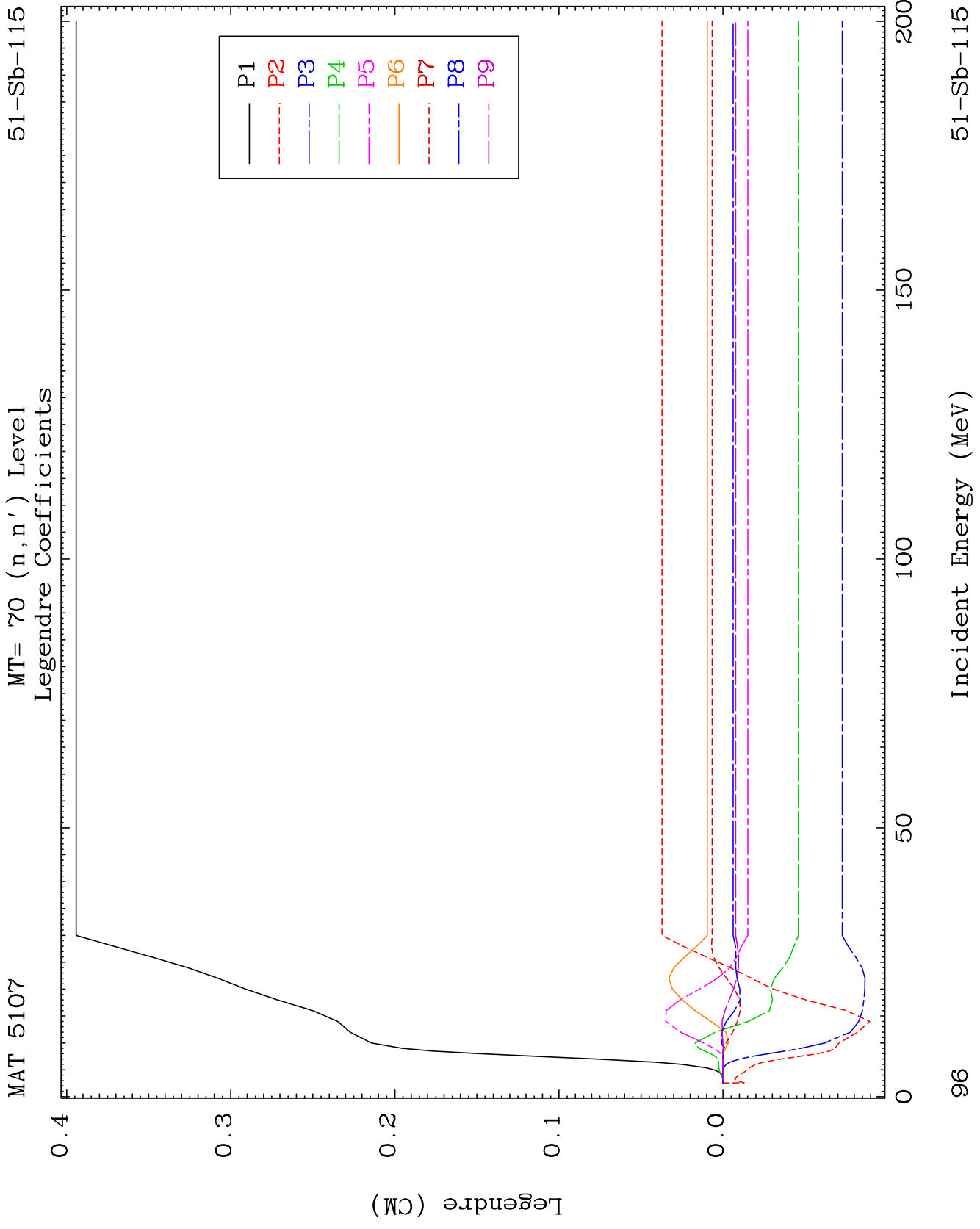
MAT 5107

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

51-Sb-115



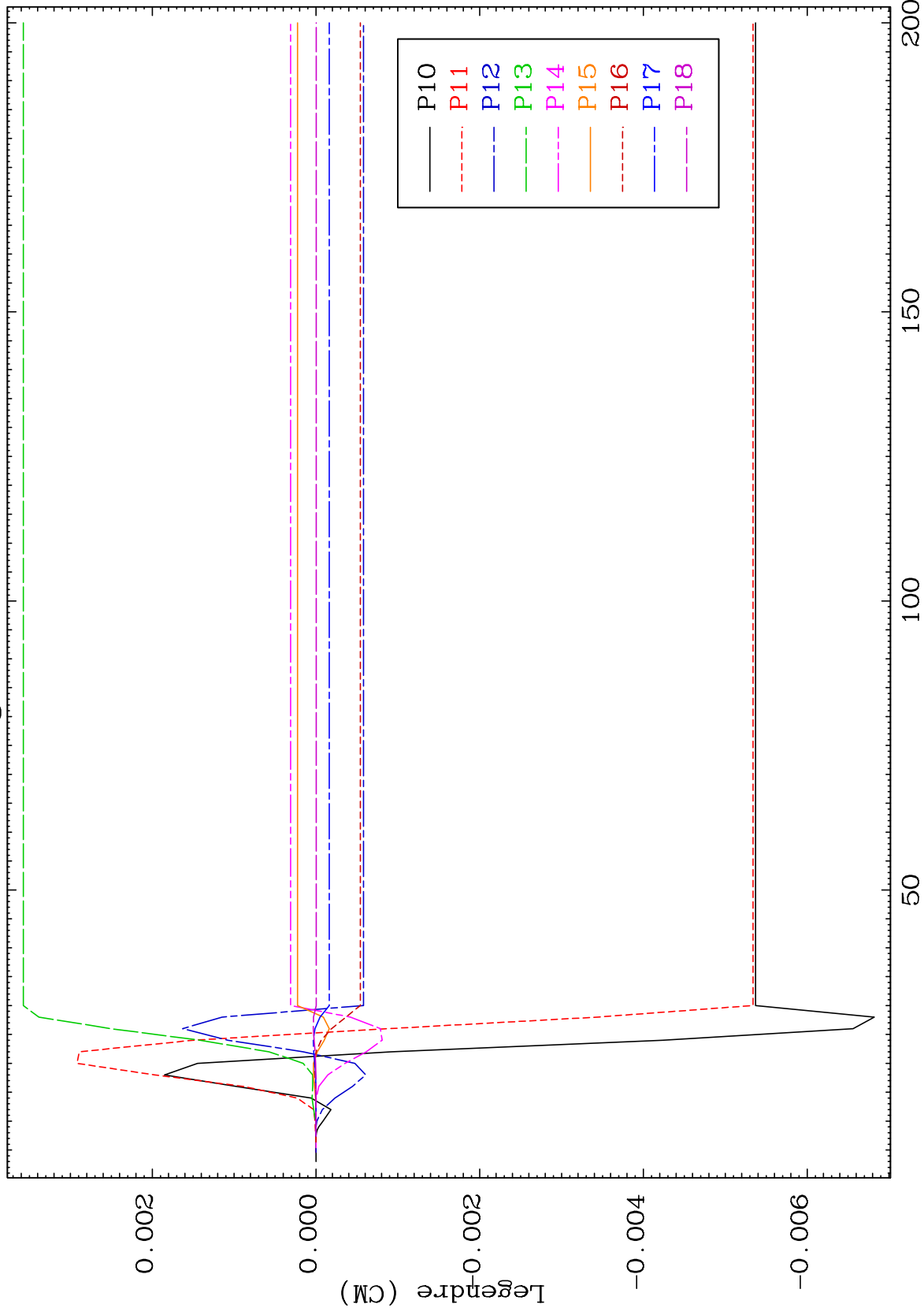




MAT 5107

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

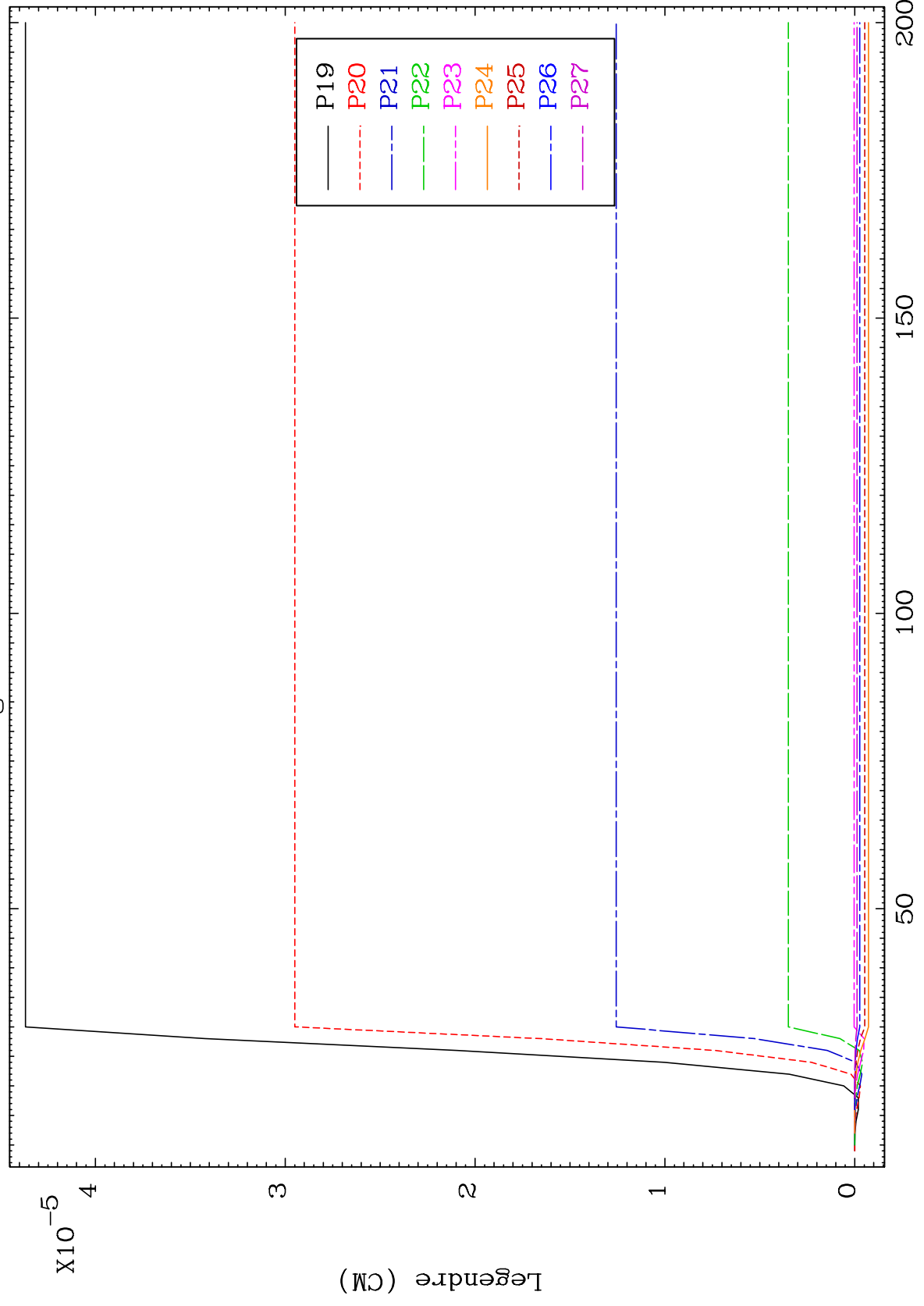
51-Sb-115



MAT 5107

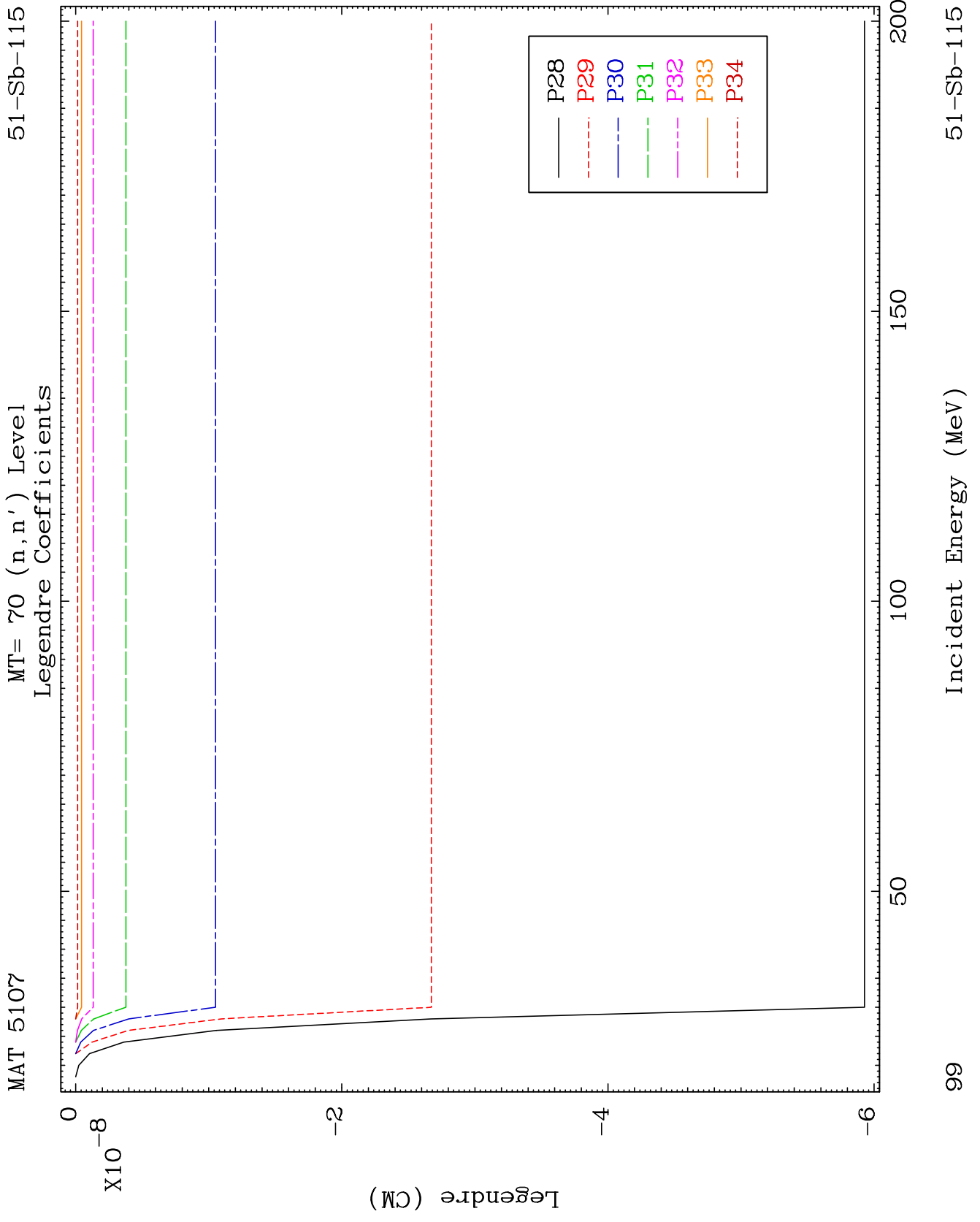
MT= 70 (n,n') Level
Legendre Coefficients

51-Sb-115



98

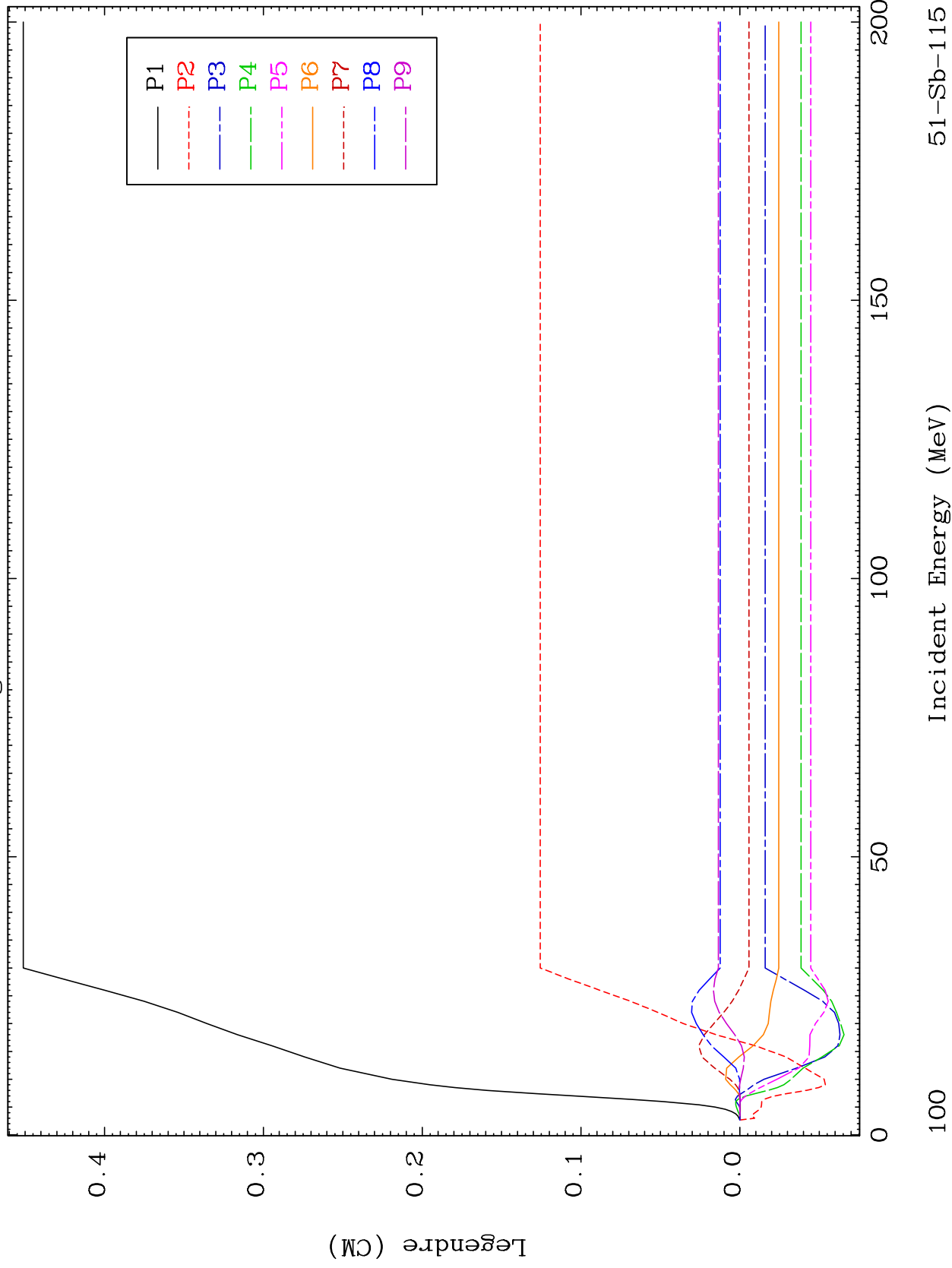
51-Sb-115



MAT 5107

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

51-Sb-115

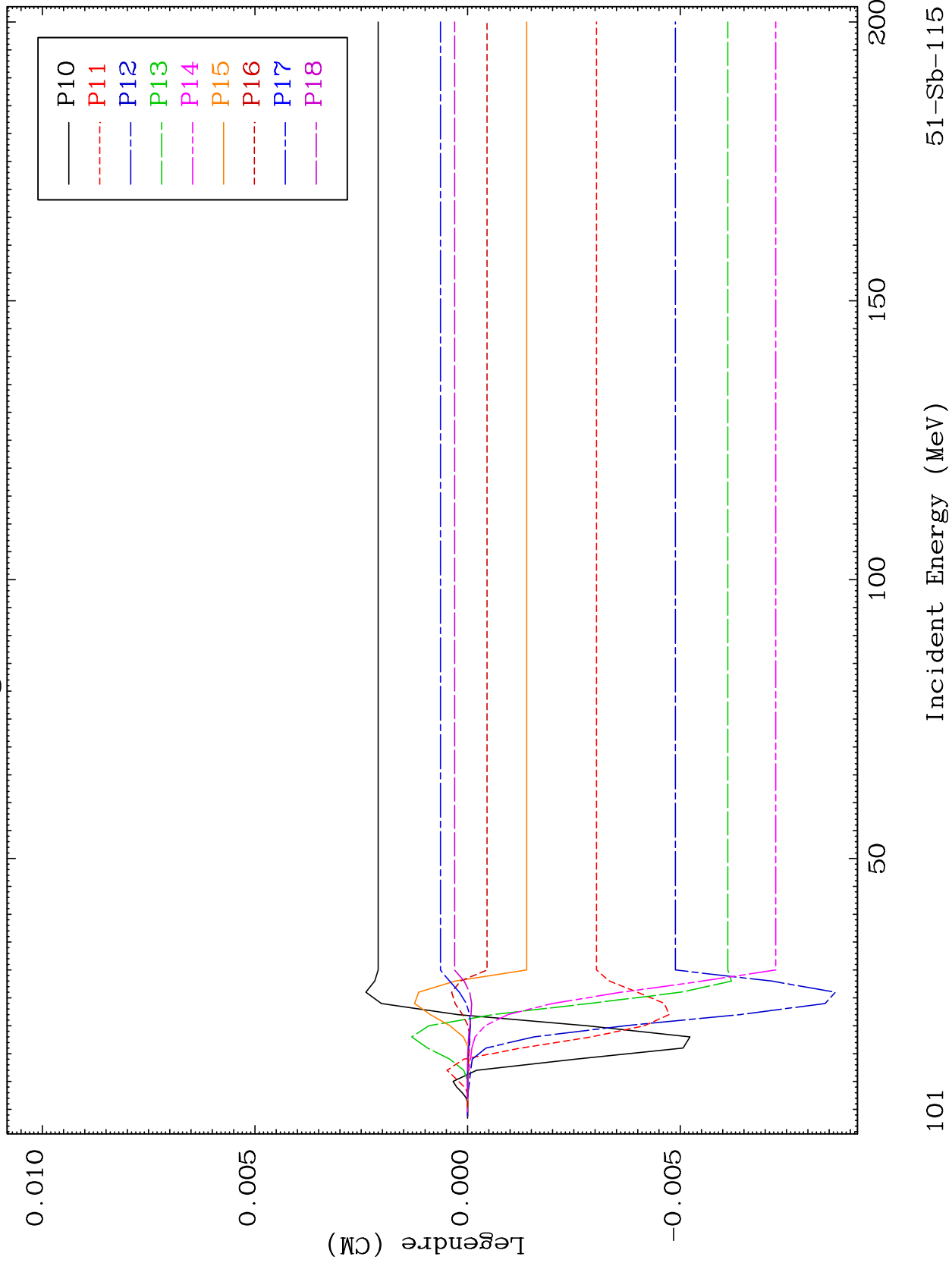


51-Sb-115

MAT 5107

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

51-Sb-115



101

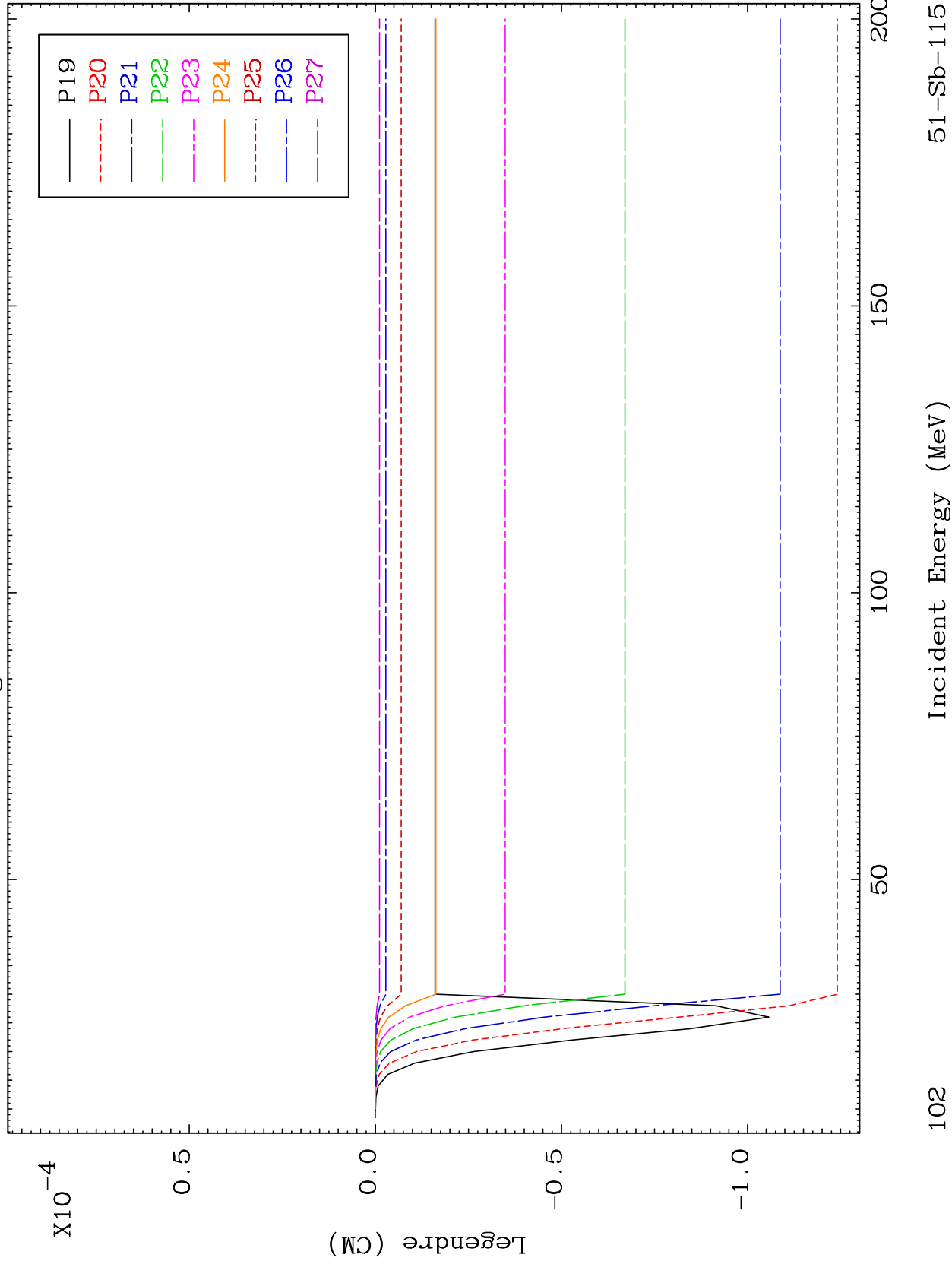
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

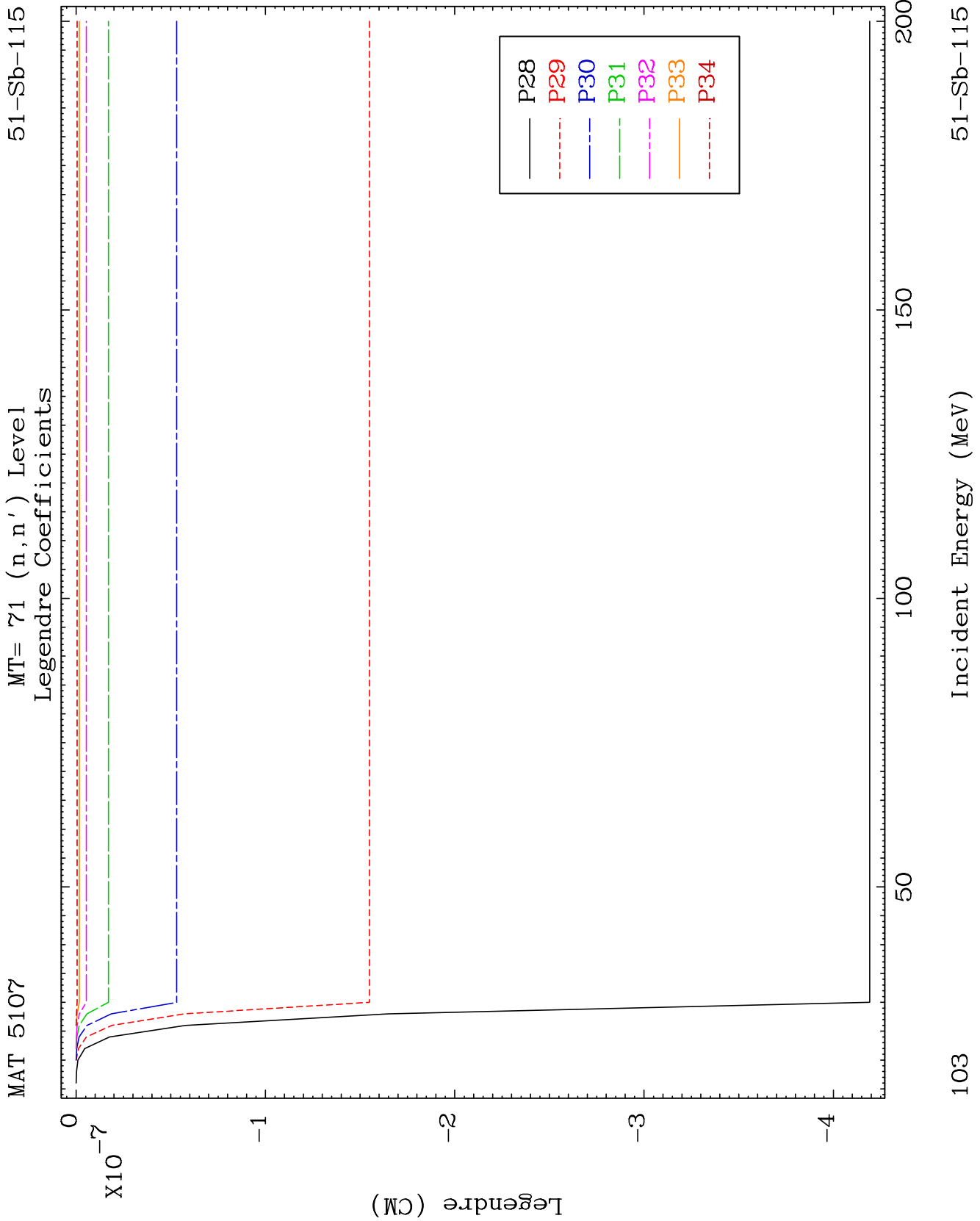
51-Sb-115



102

Incident Energy (MeV)

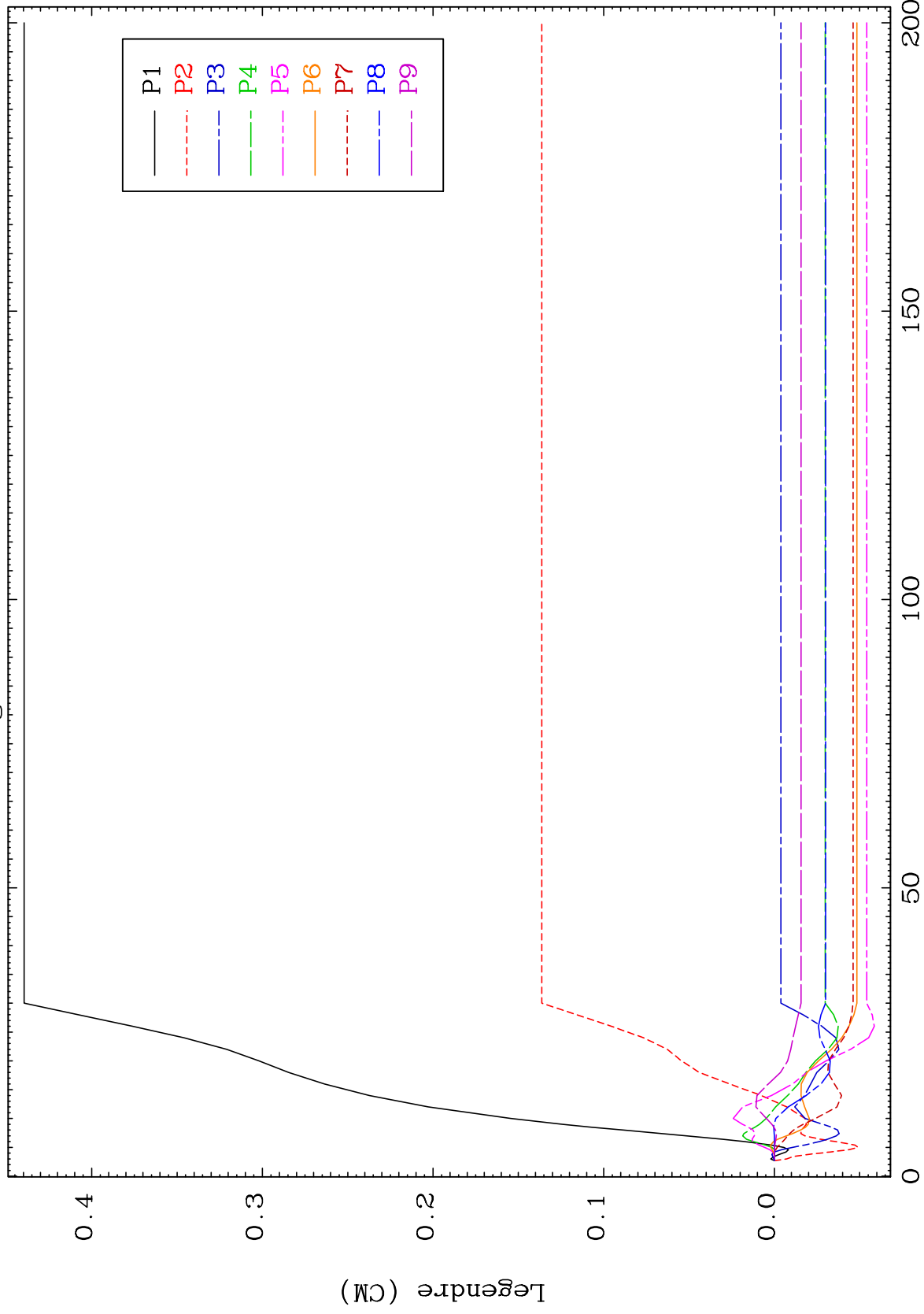
51-Sb-115



MAT 5107

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

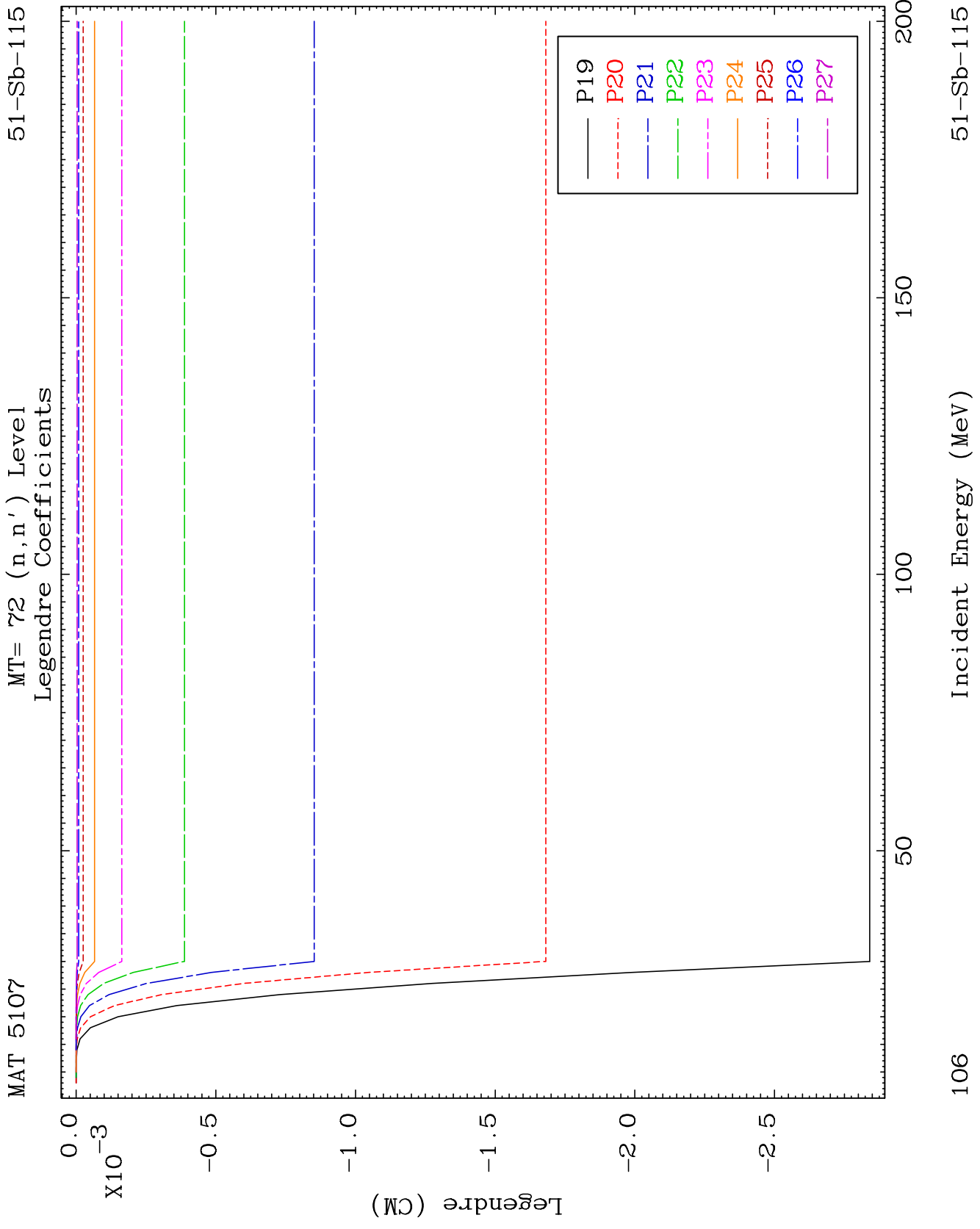
51-Sb-115

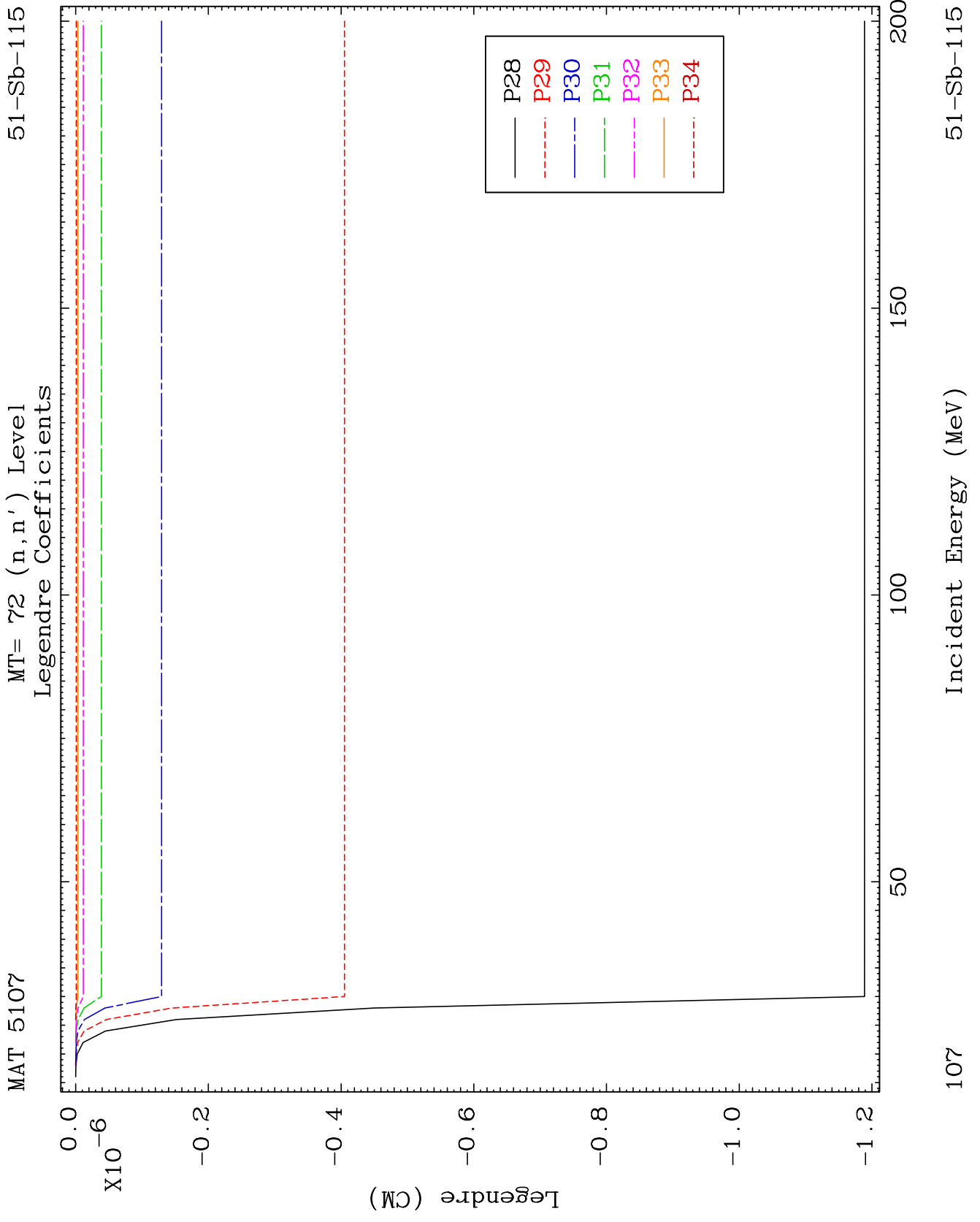


104

Incident Energy (MeV)

51-Sb-115

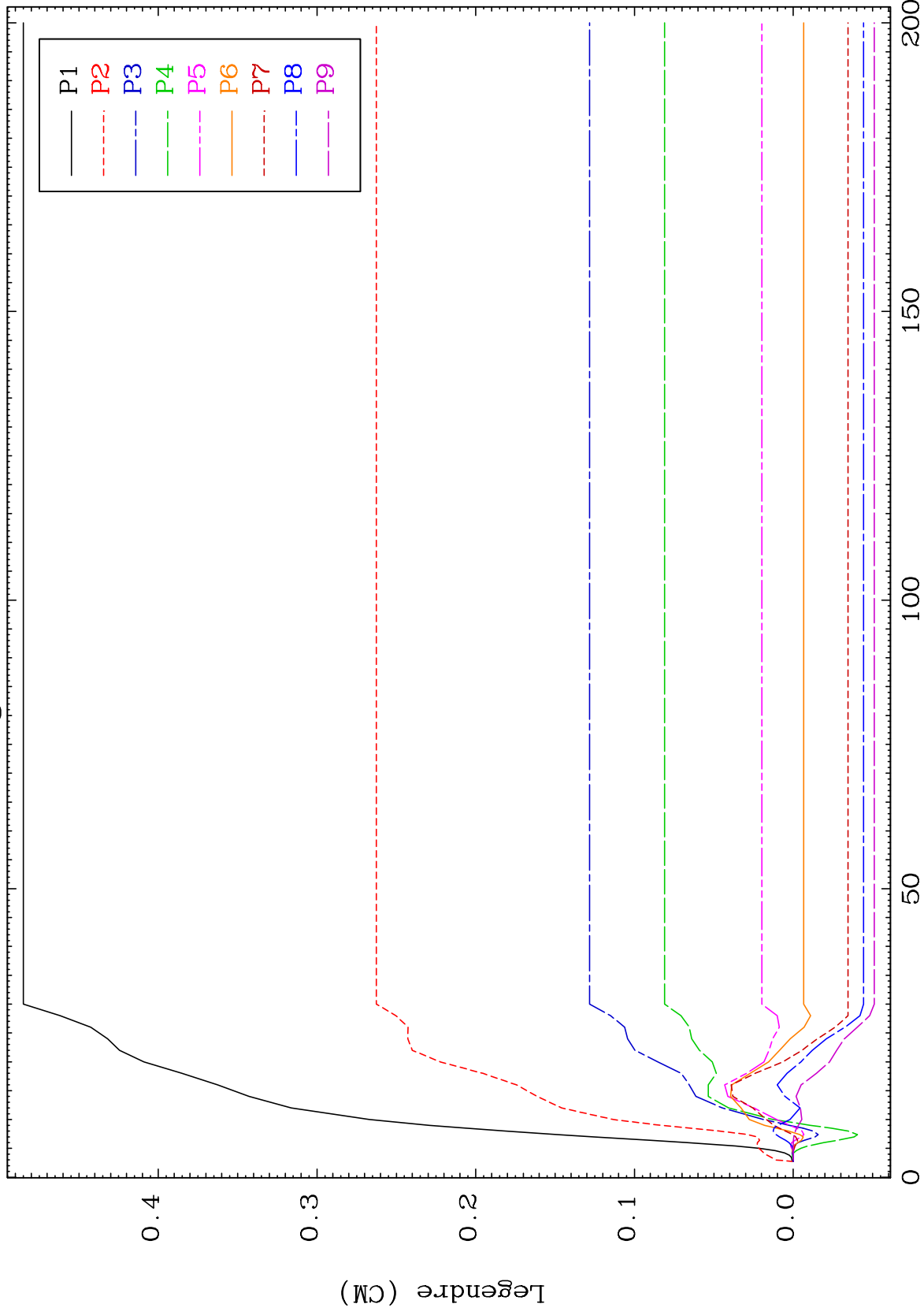




MAT 5107

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

51-Sb-115



108

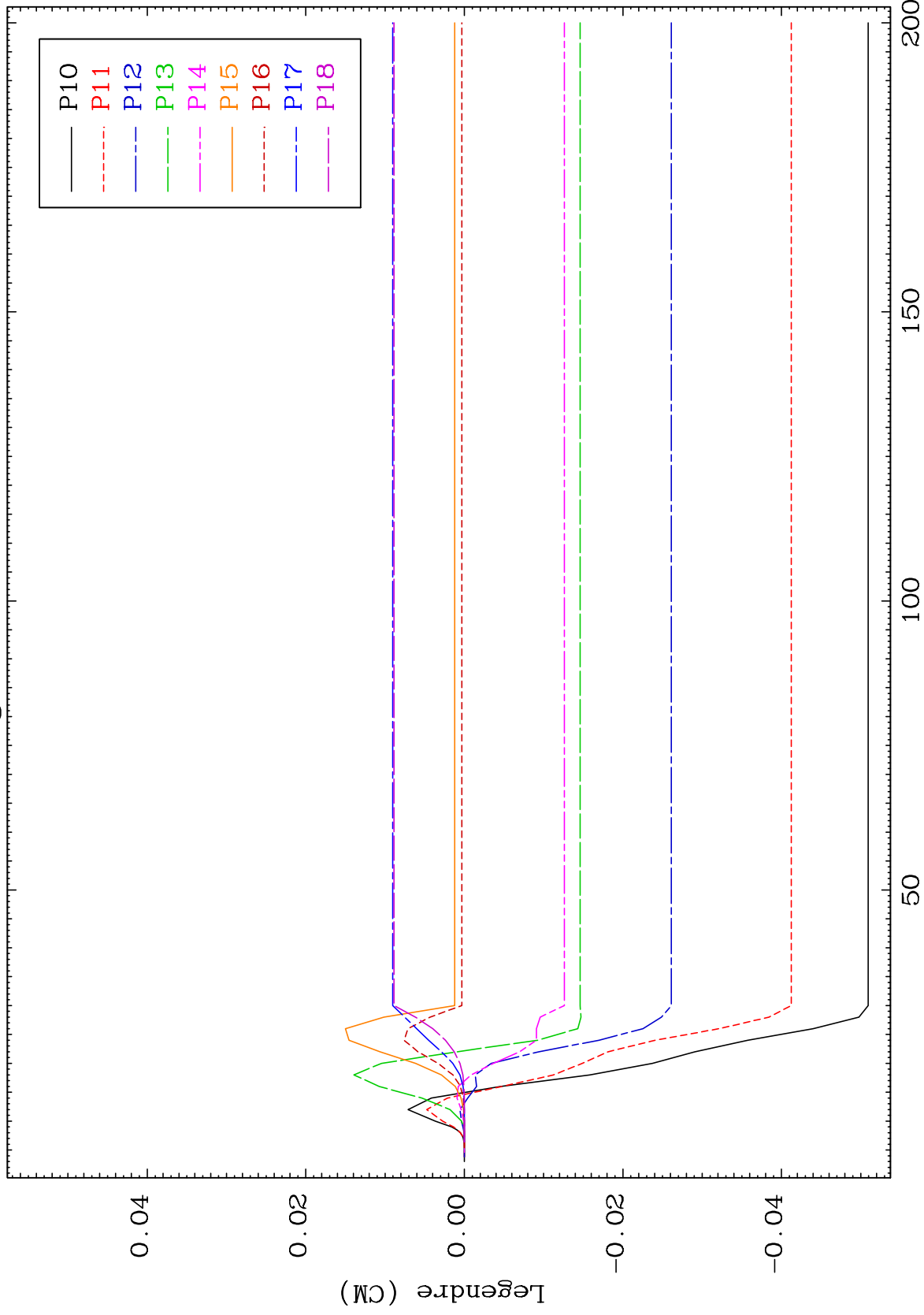
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



109

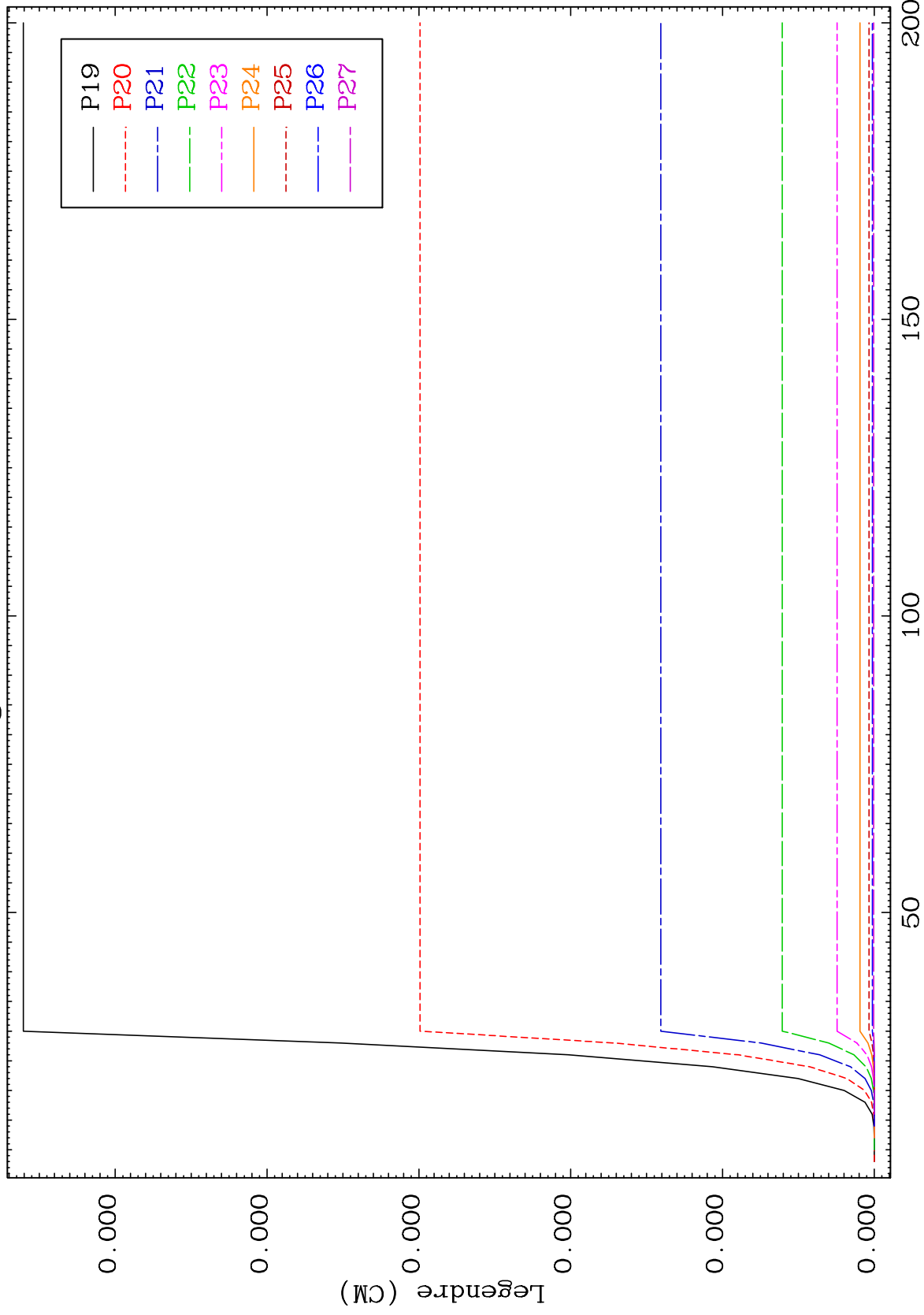
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



110

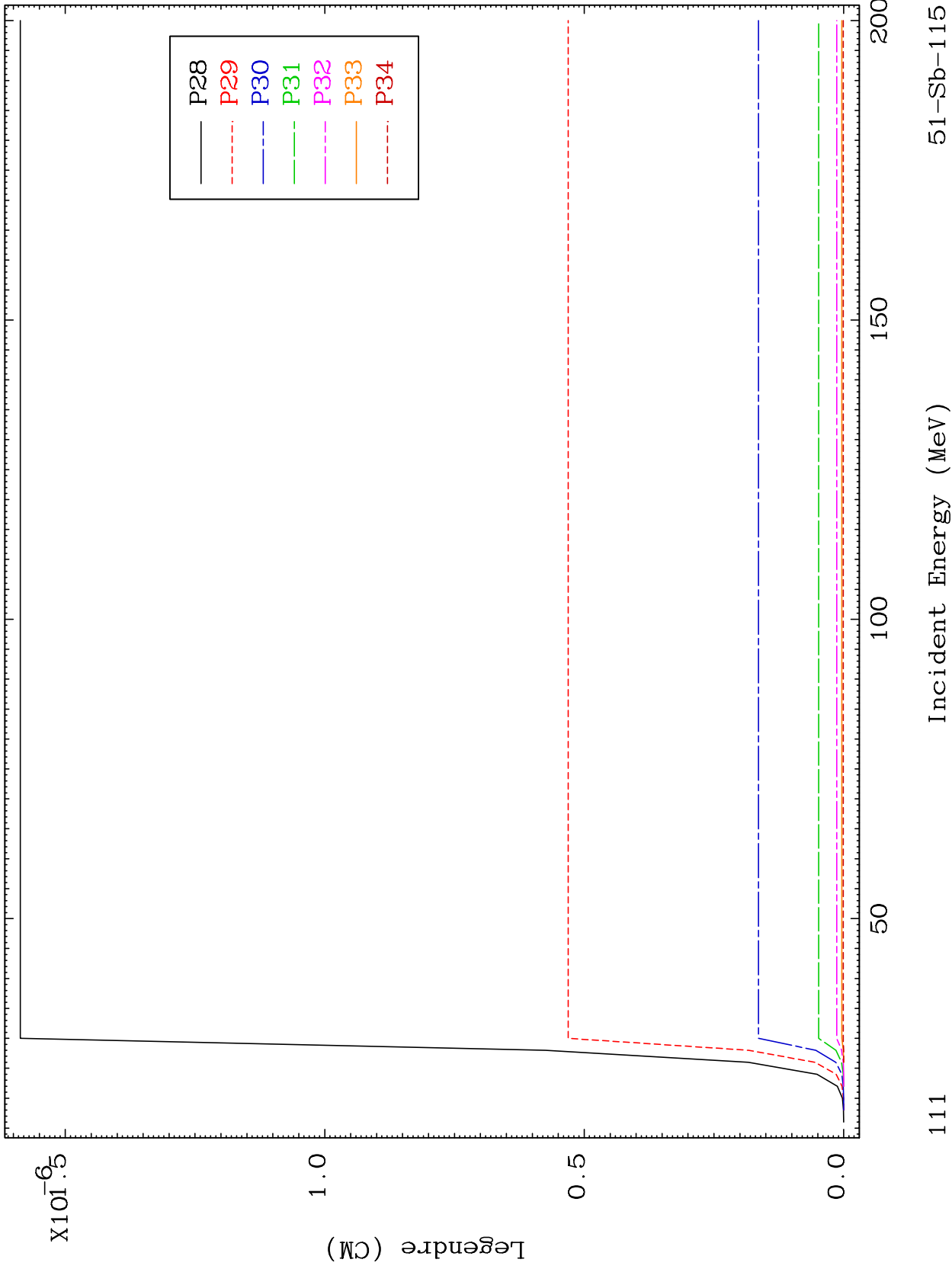
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



111

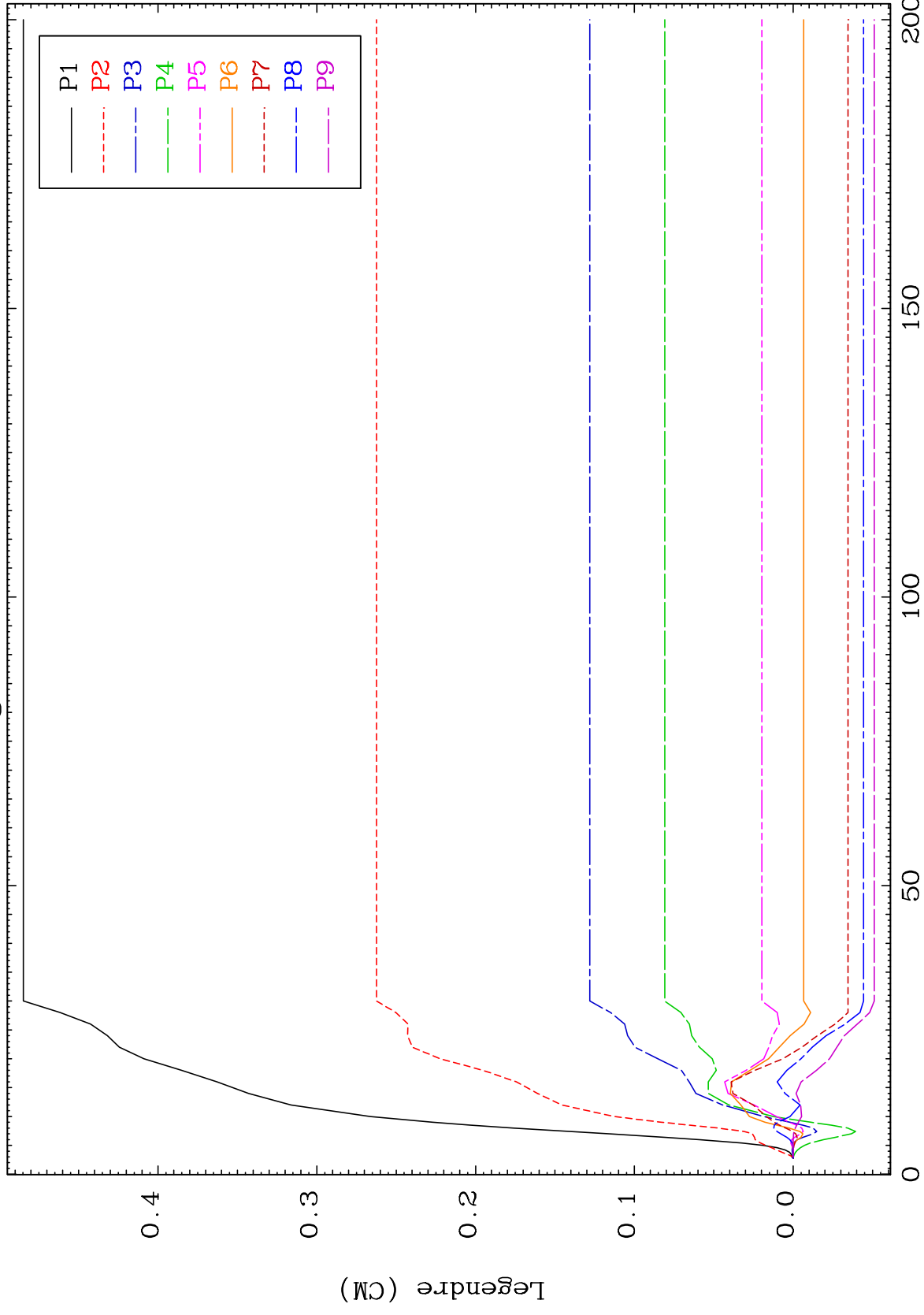
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



112

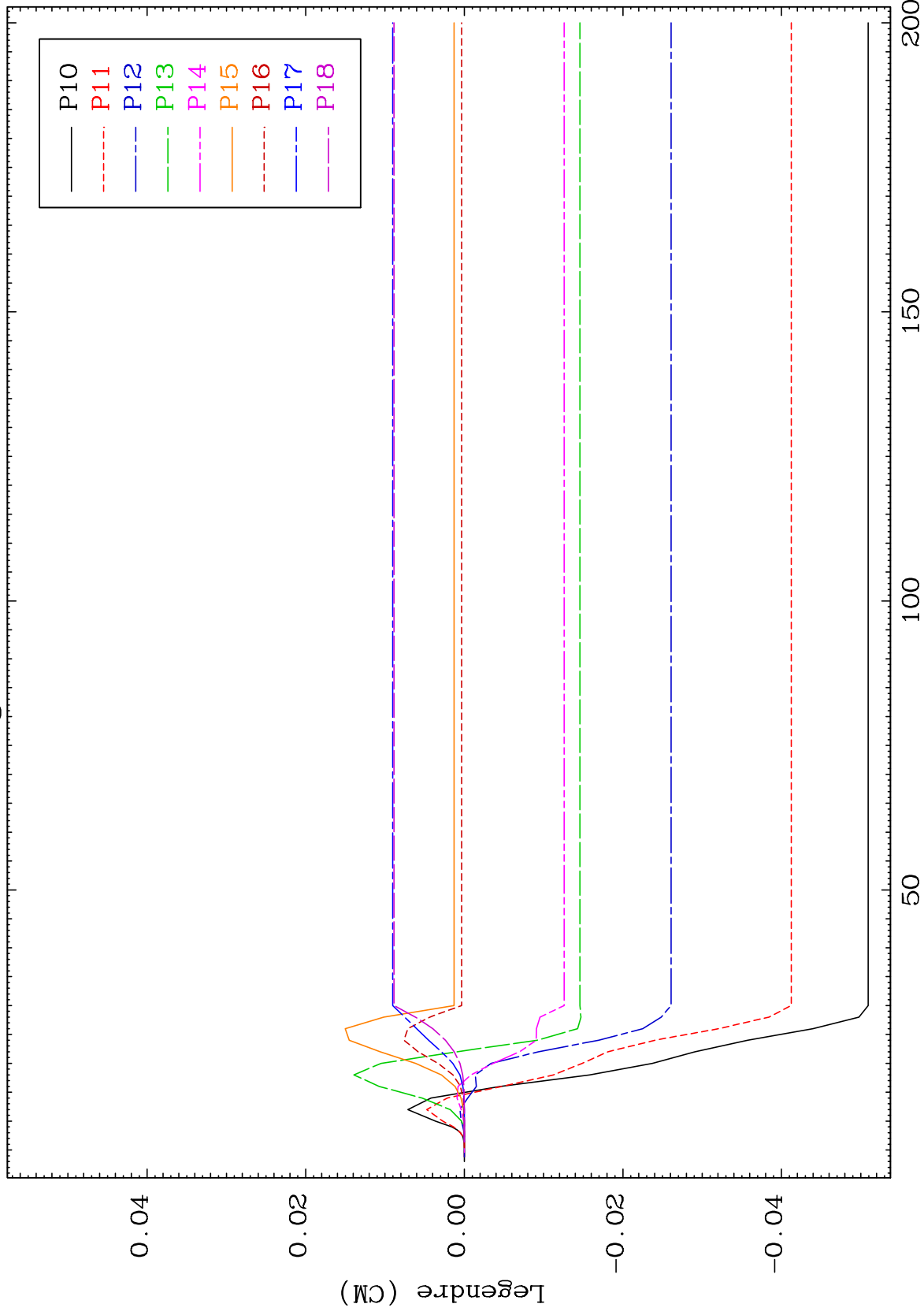
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



113

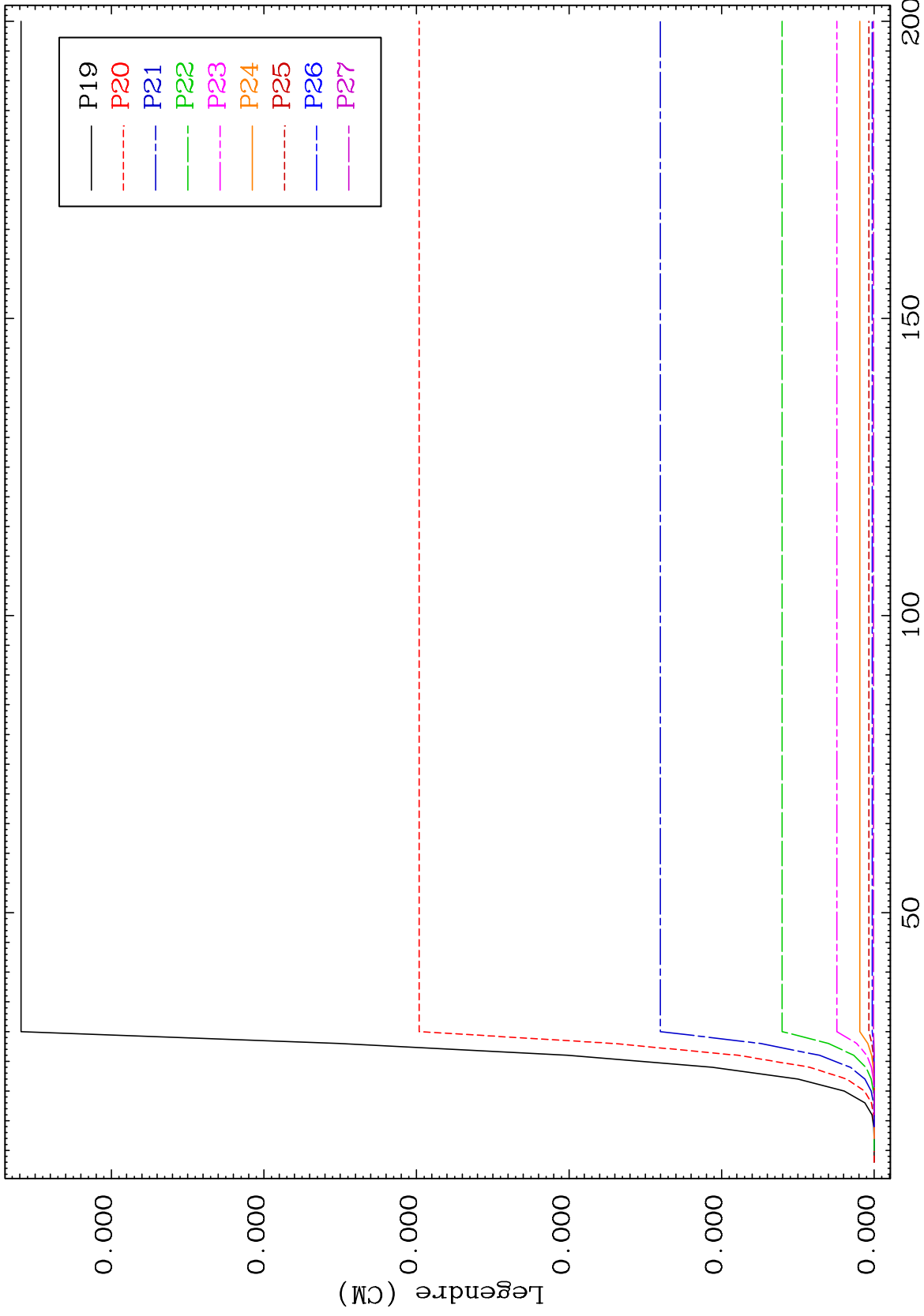
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



114

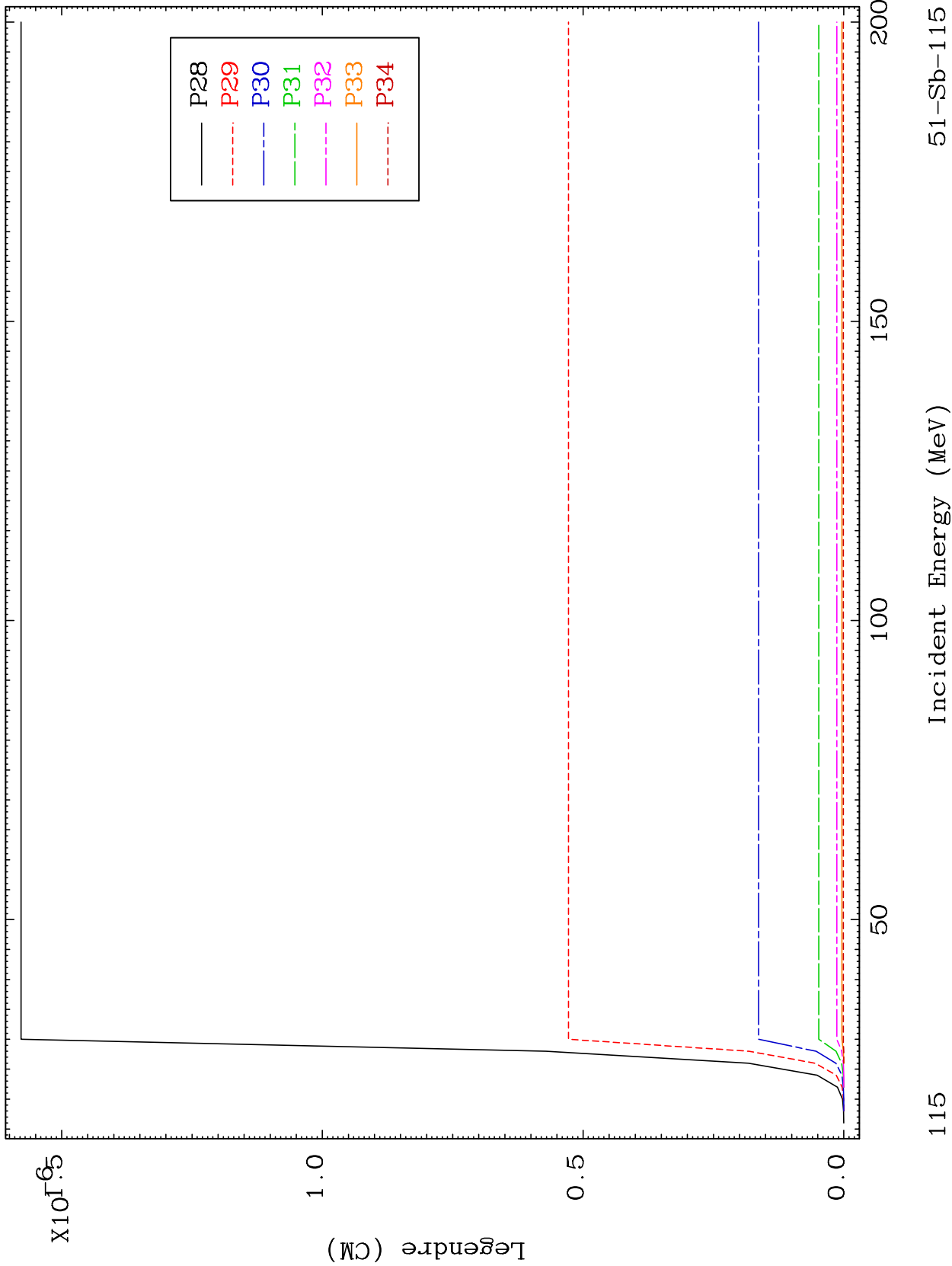
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



115

Incident Energy (MeV)

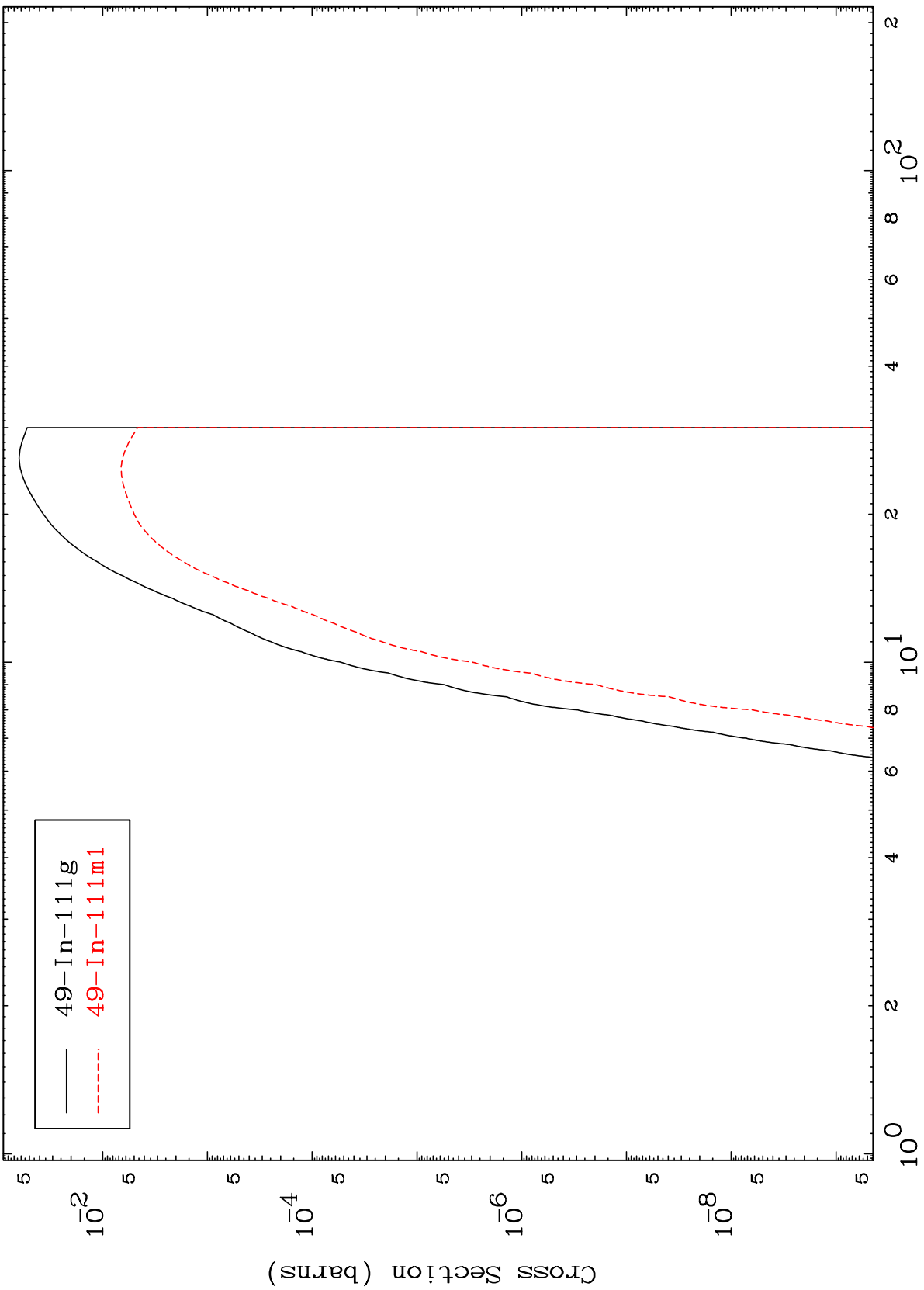
51-Sb-115

MAT 5107

(n,n') α

51-Sb-115

Radionuclide Production Cross Section



116

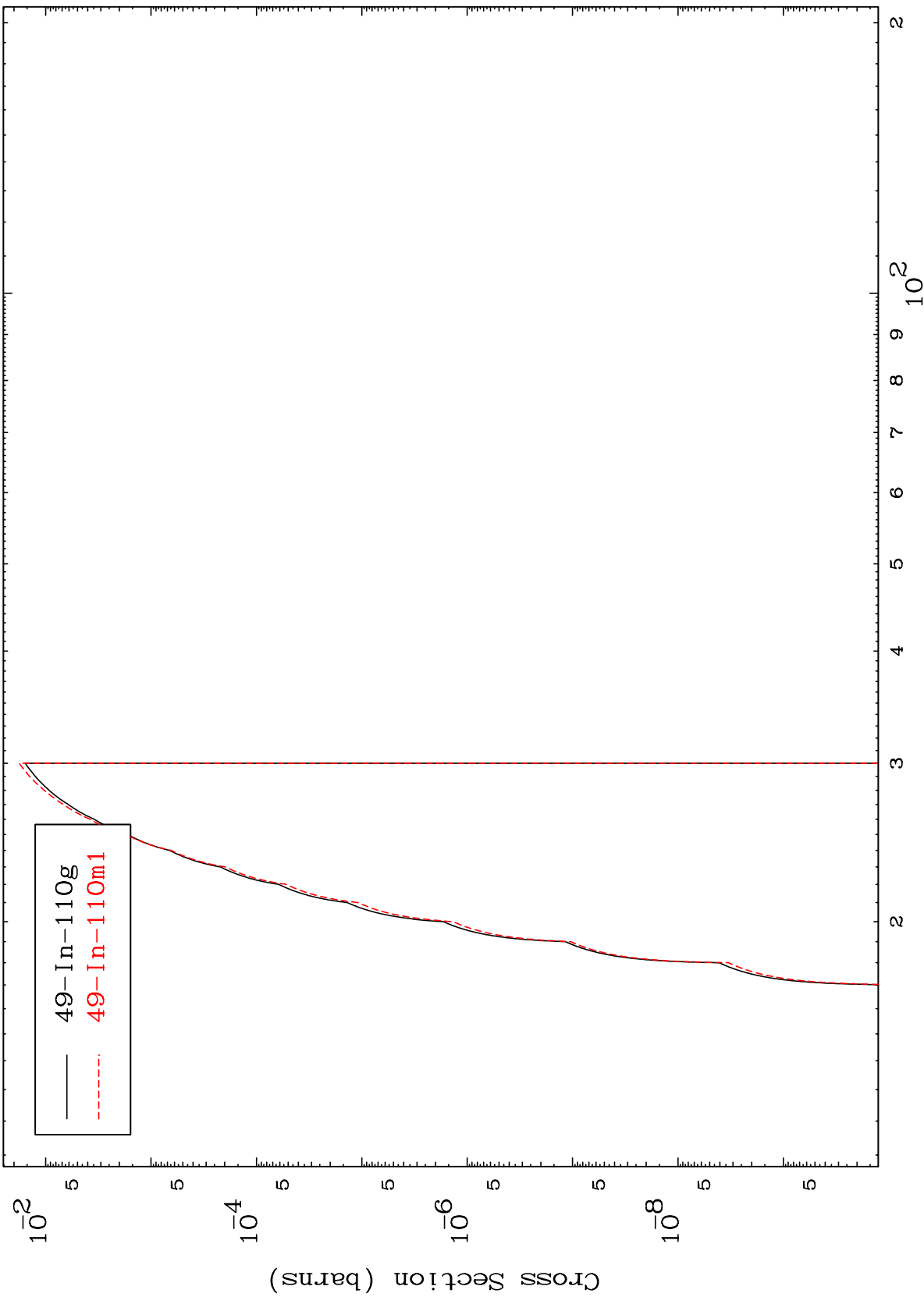
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

(n,2n) α
Radionuclide Production Cross Section

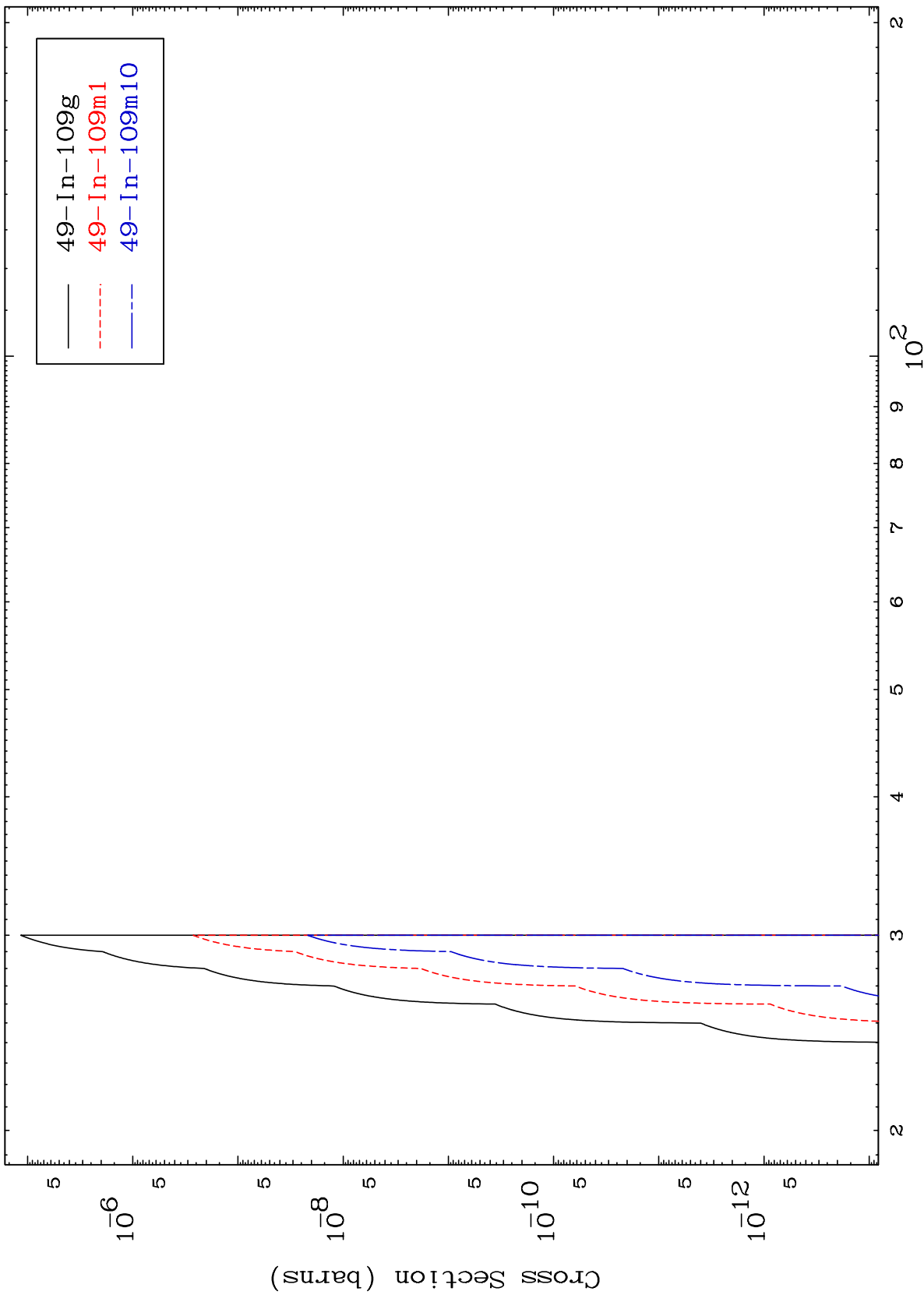


117

Incident Energy (MeV)

51-Sb-115

Radionuclide Production Cross Section

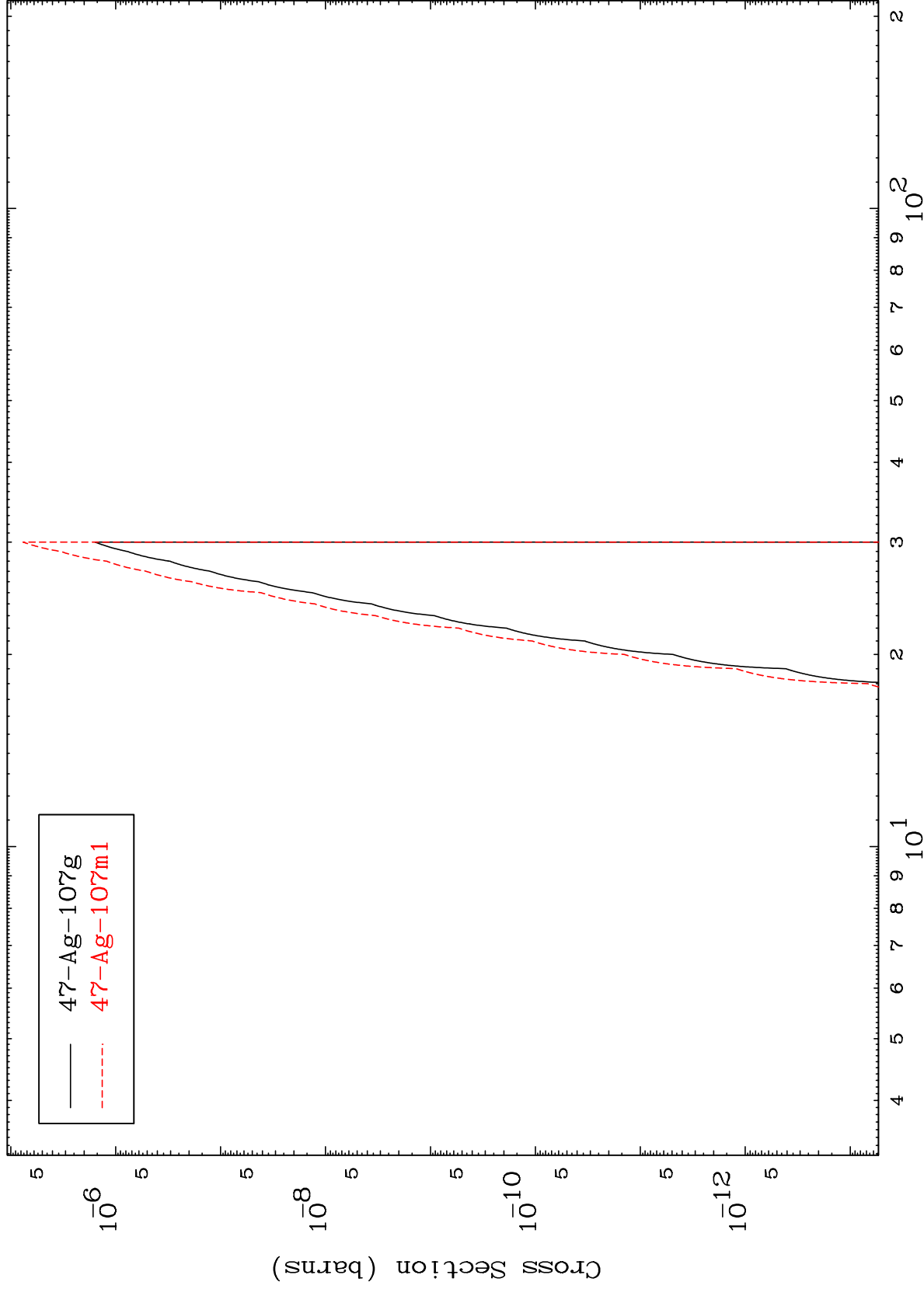


MAT 5107

(n,n') 2α

51-Sb-115

Radionuclide Production Cross Section



119

Incident Energy (MeV)

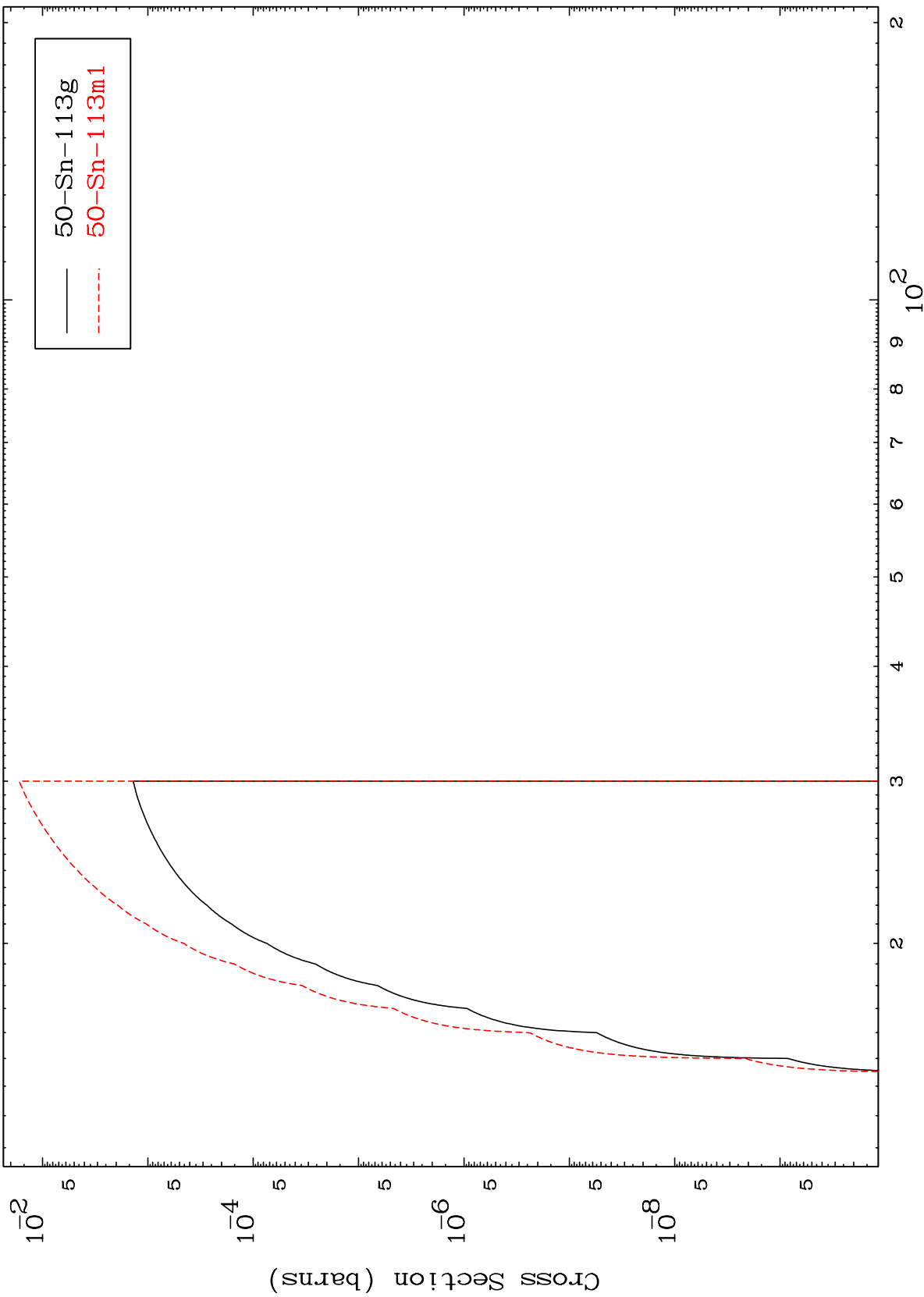
51-Sb-115

MAT 5107

(n,n') d

51-Sb-115

Radionuclide Production Cross Section



120

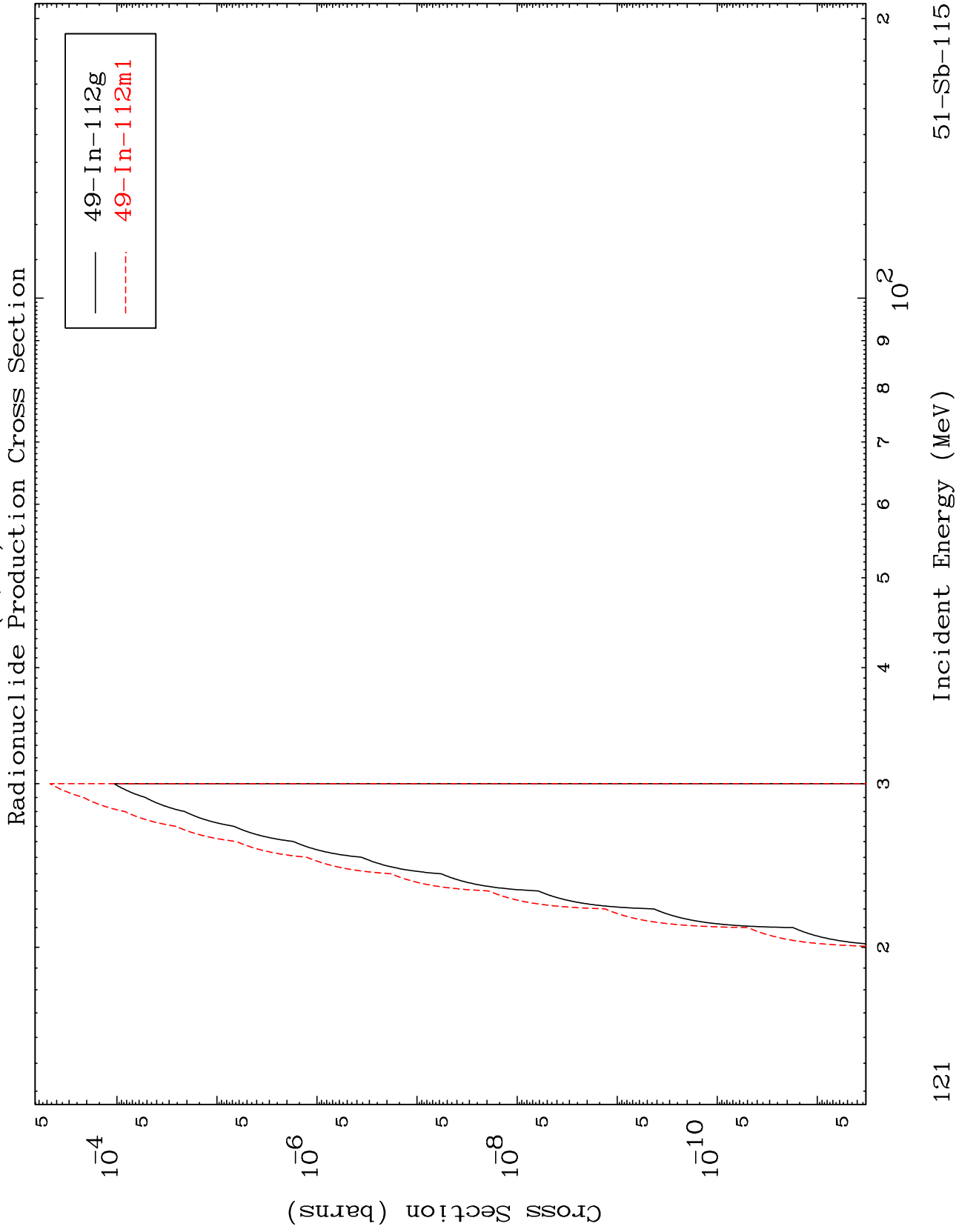
Incident Energy (MeV)

51-Sb-115

MAT 5107

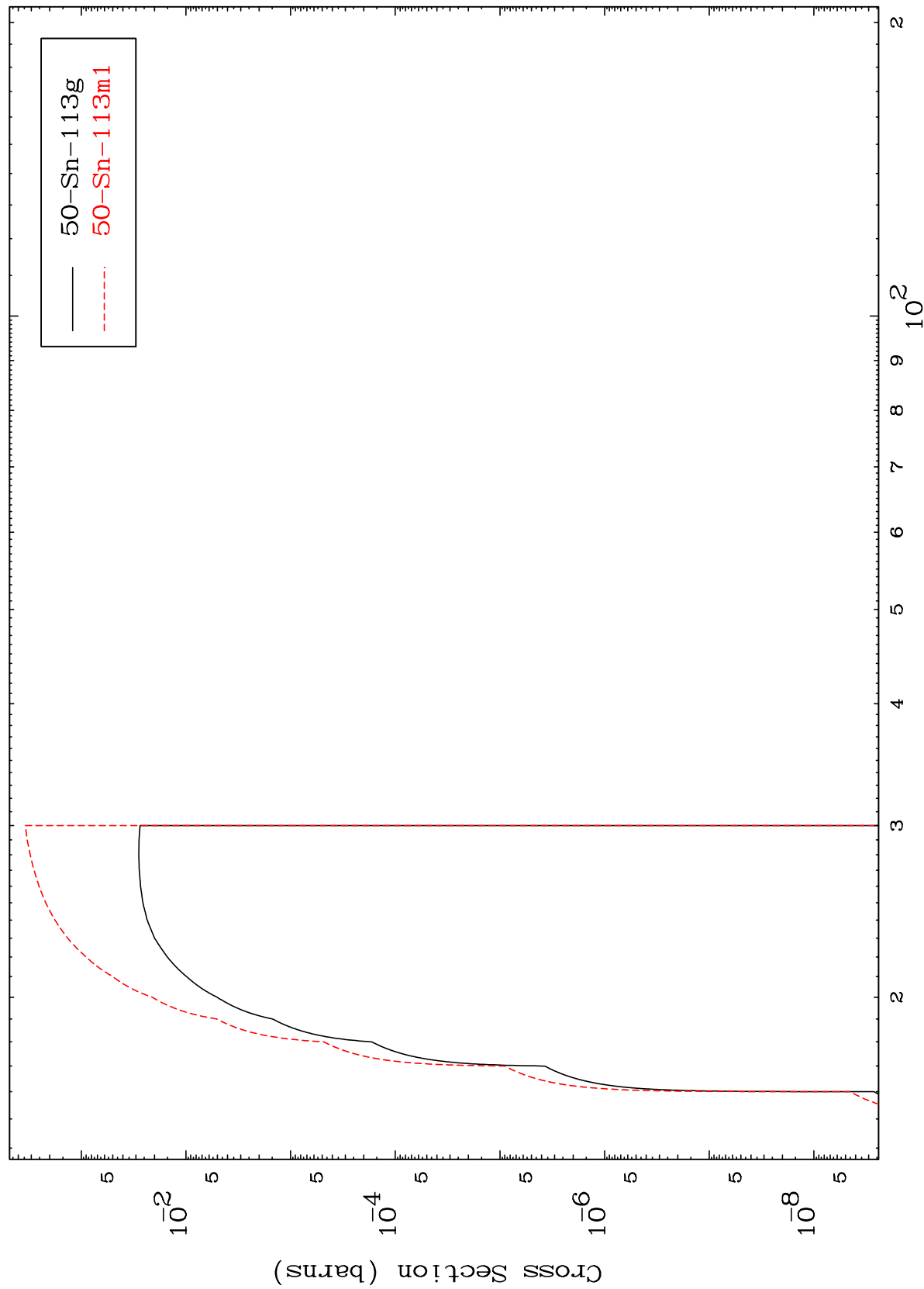
(n,n') He-3

51-Sb-115

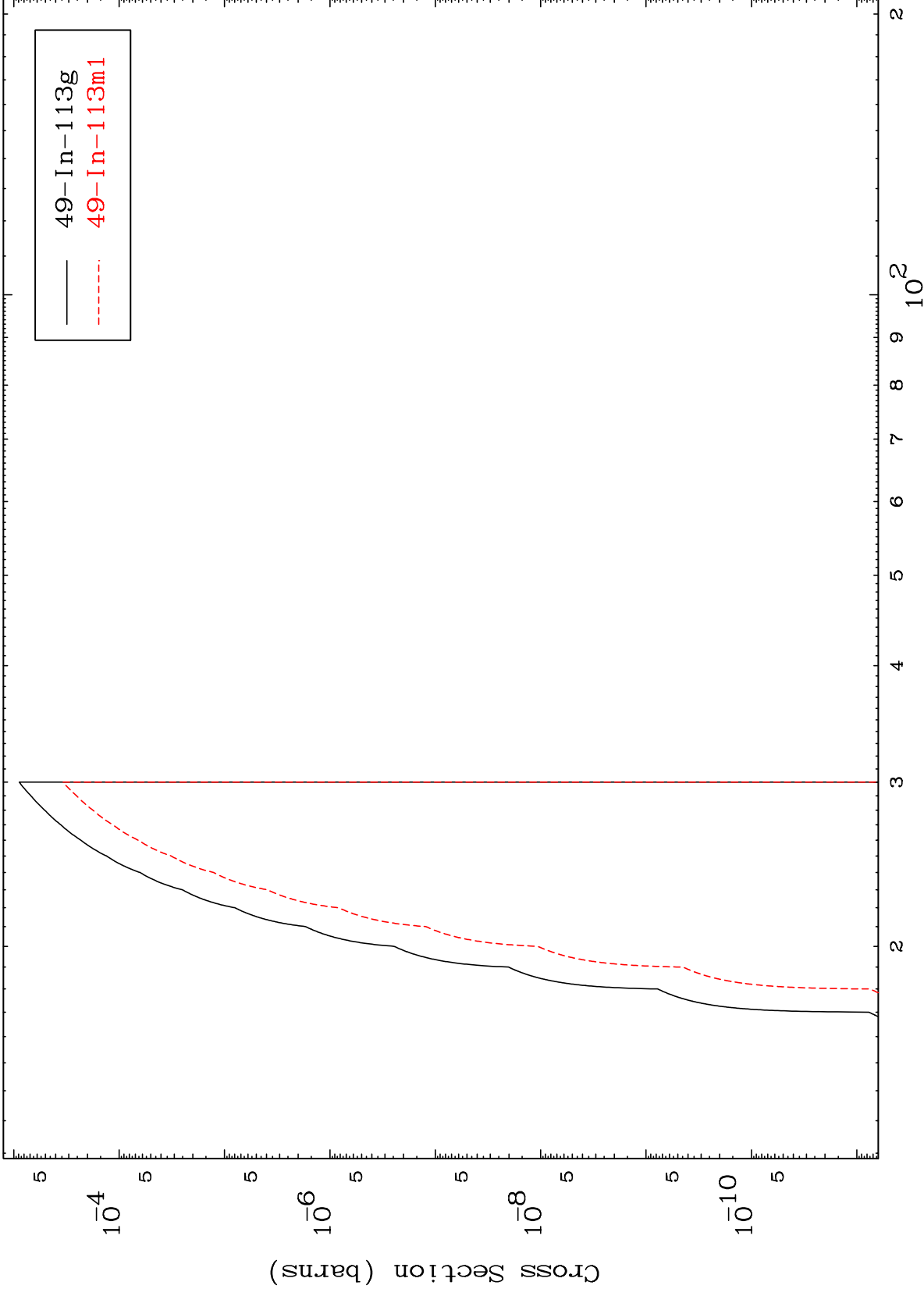


121

Radionuclide Production Cross Section



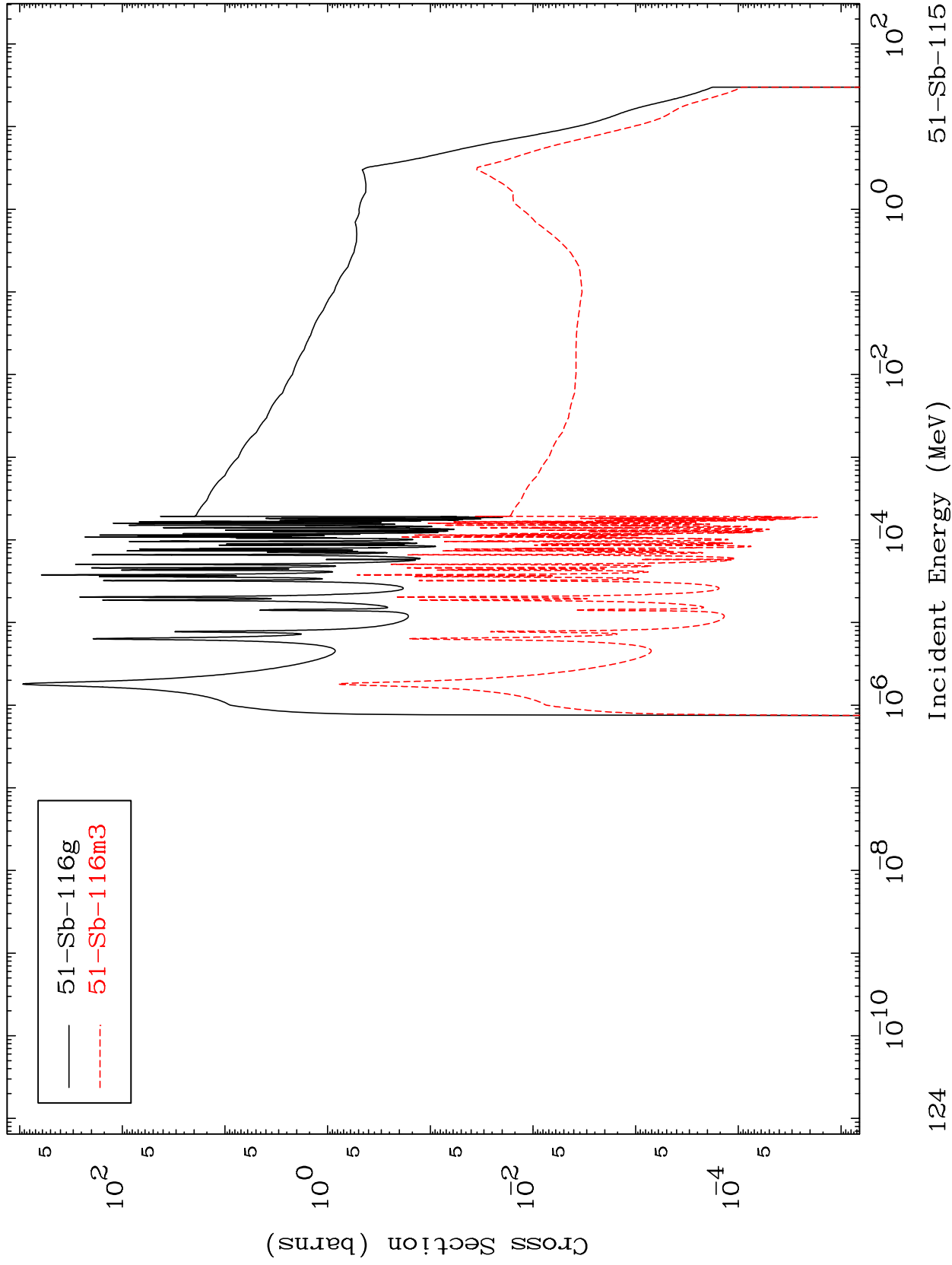
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

Radionuclide Production Cross Section

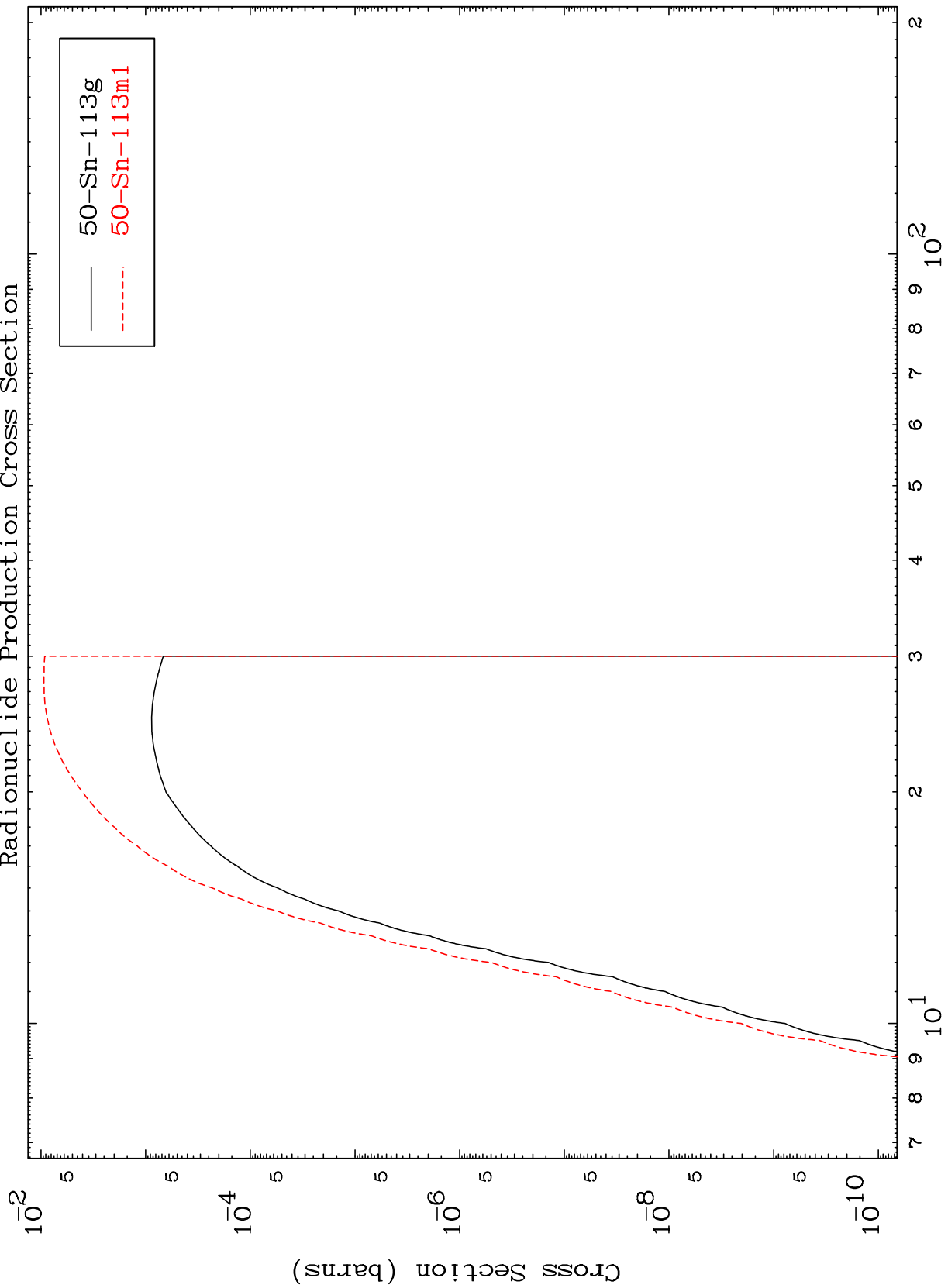


124

MAT 5107

51-Sb-115

(n,t)
Radionuclide Production Cross Section



125

Incident Energy (MeV)

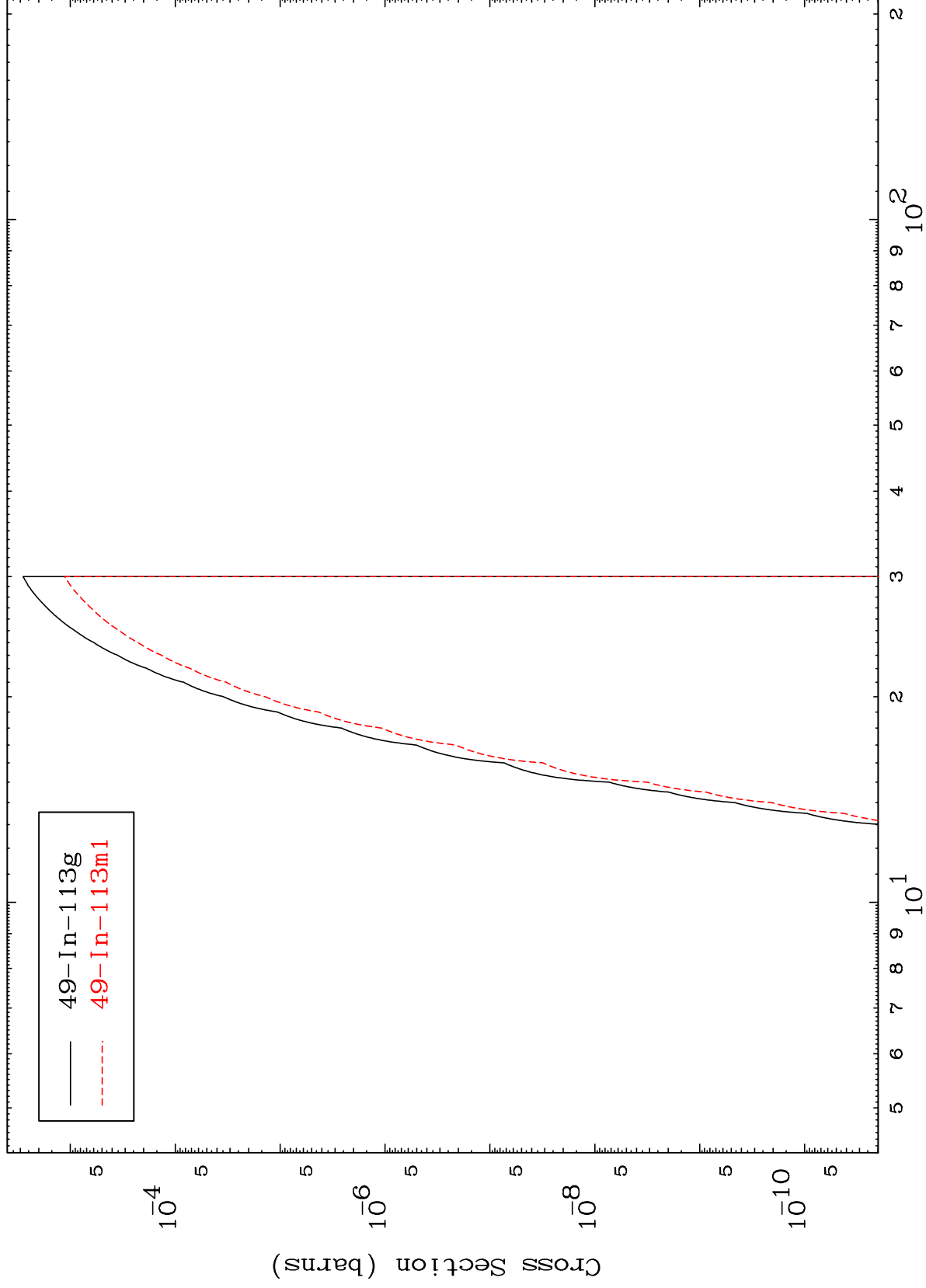
51-Sb-115

MAT 5107

(n,He-3)

51-Sb-115

Radionuclide Production Cross Section



126

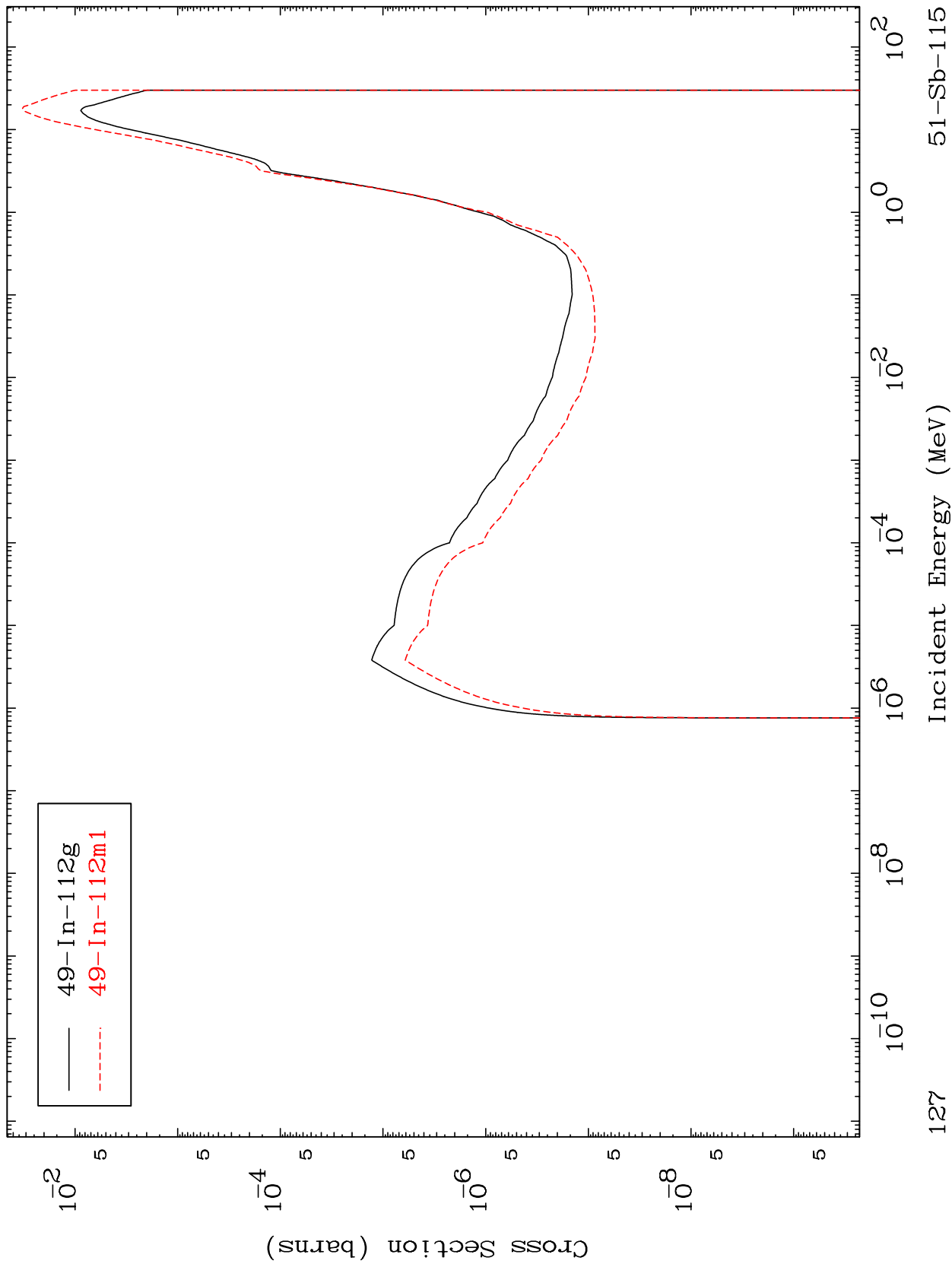
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

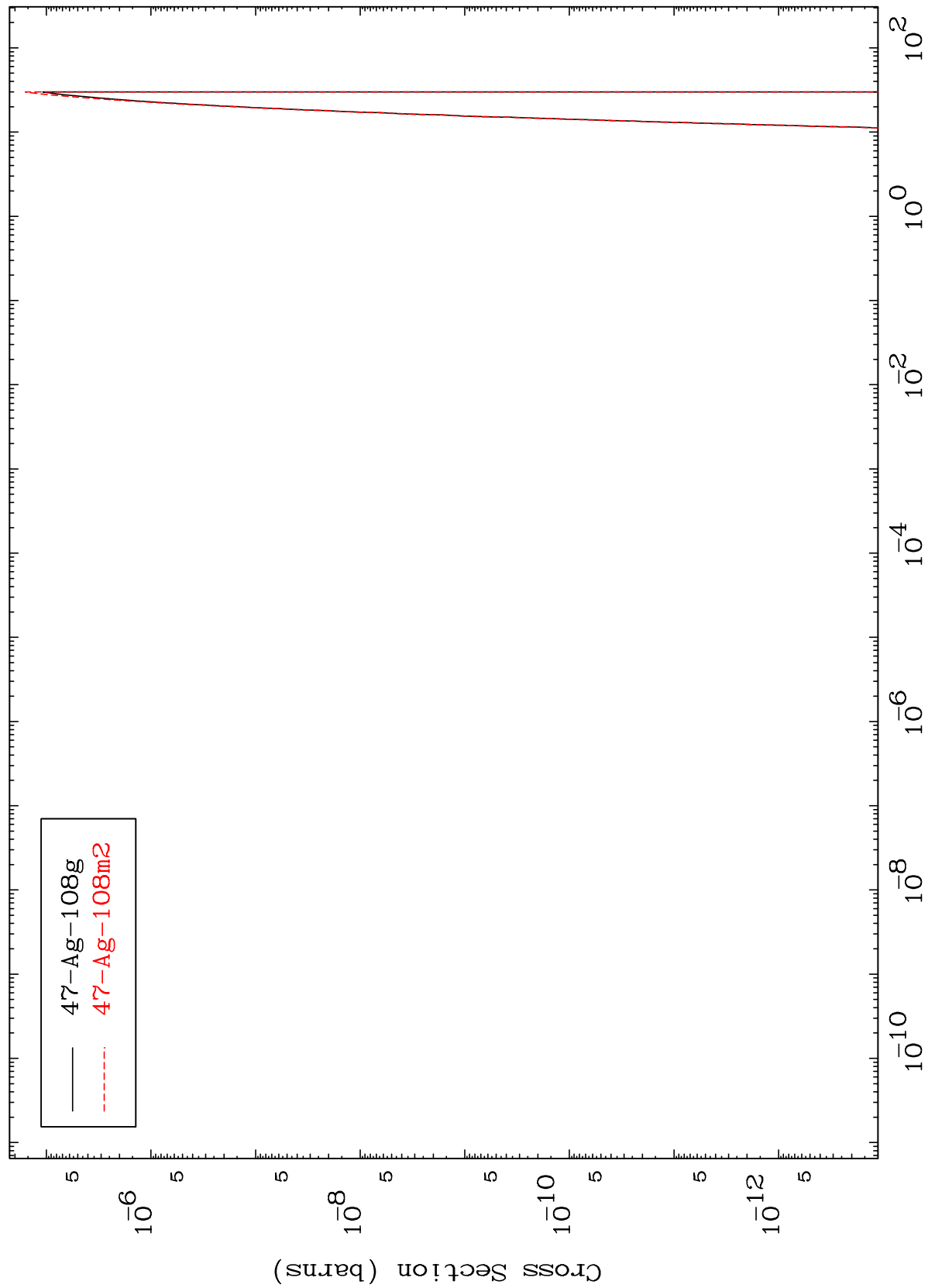
(n, α)
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

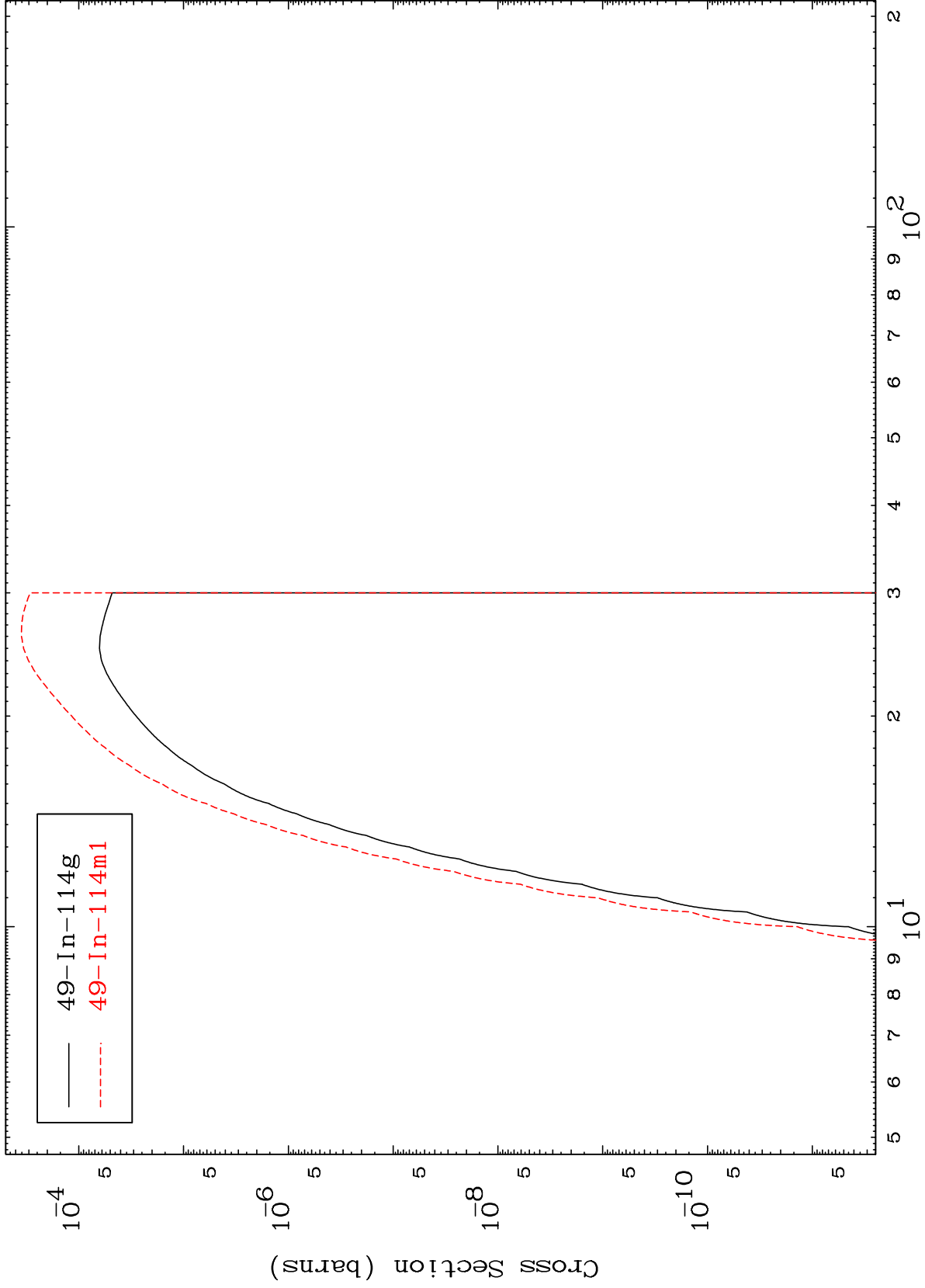
(n,2α)
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

(n,2p)
Radionuclide Production Cross Section



129

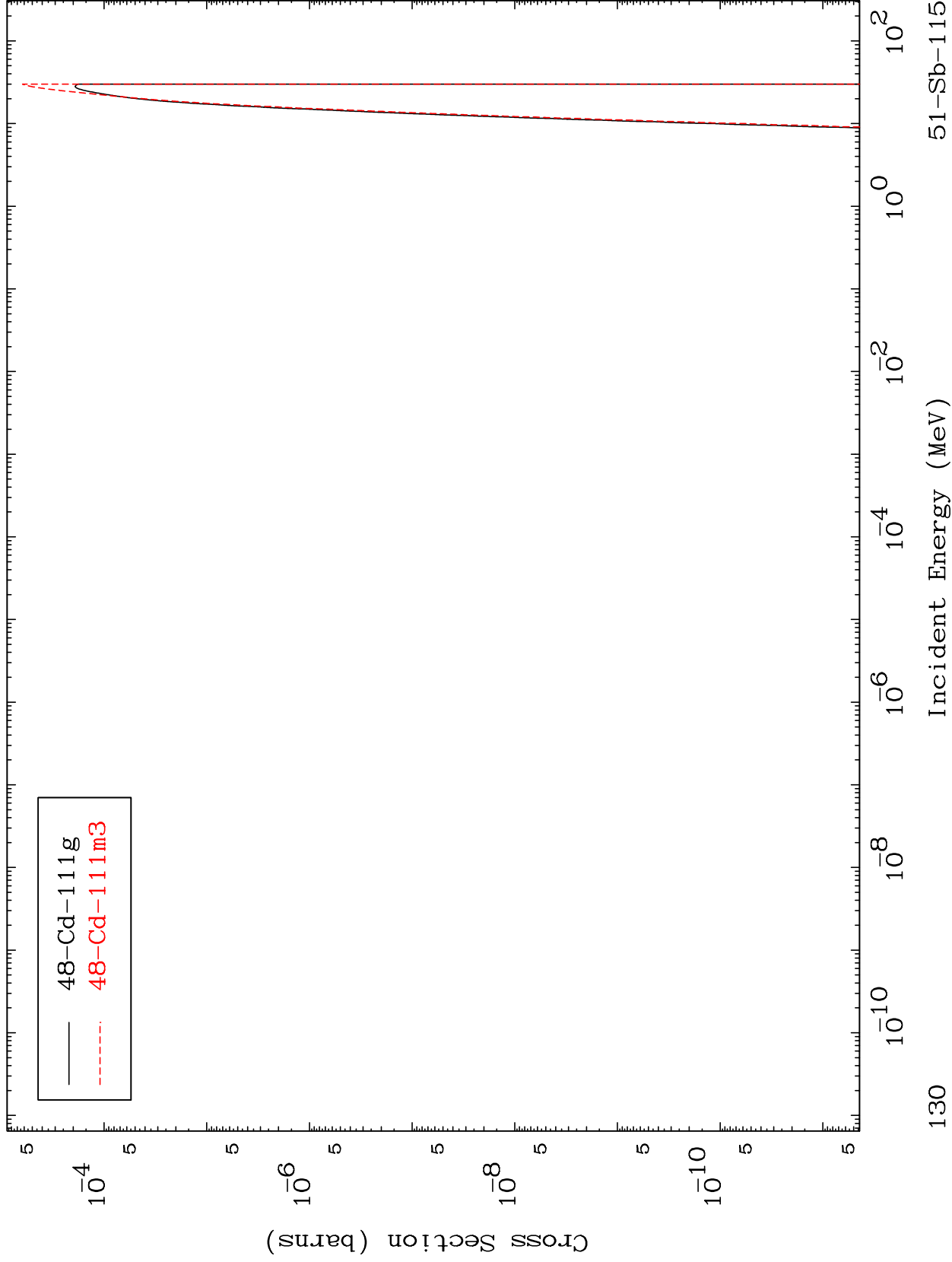
51-Sb-115

MAT 5107

(n,p) α

51-Sb-115

Radionuclide Production Cross Section

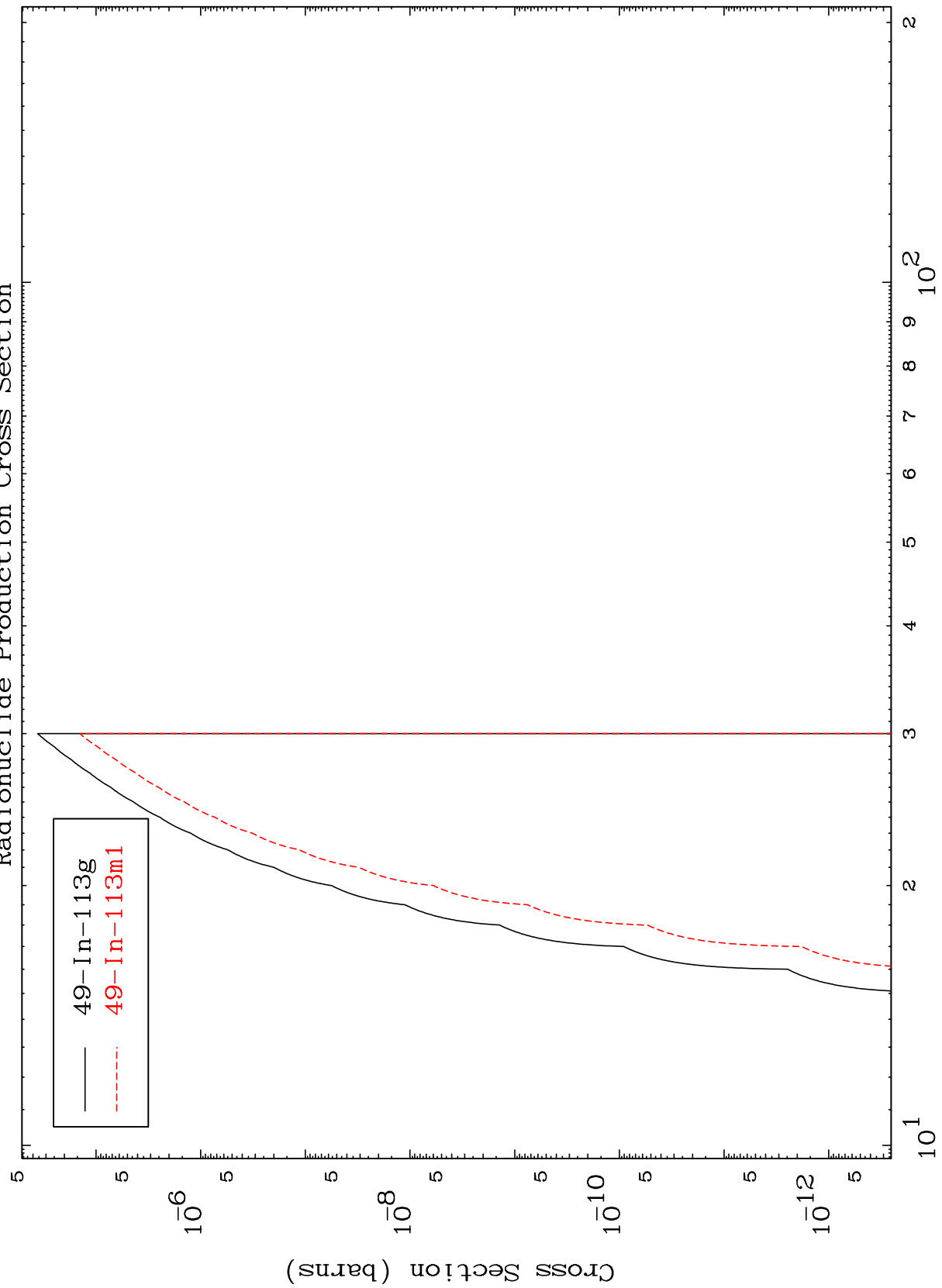


MAT 5107

(n,p) d

51-Sb-115

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-115

131

Radionuclide Production Cross Section

