

Program EVALPLOT  
(Version 2021-1)

by

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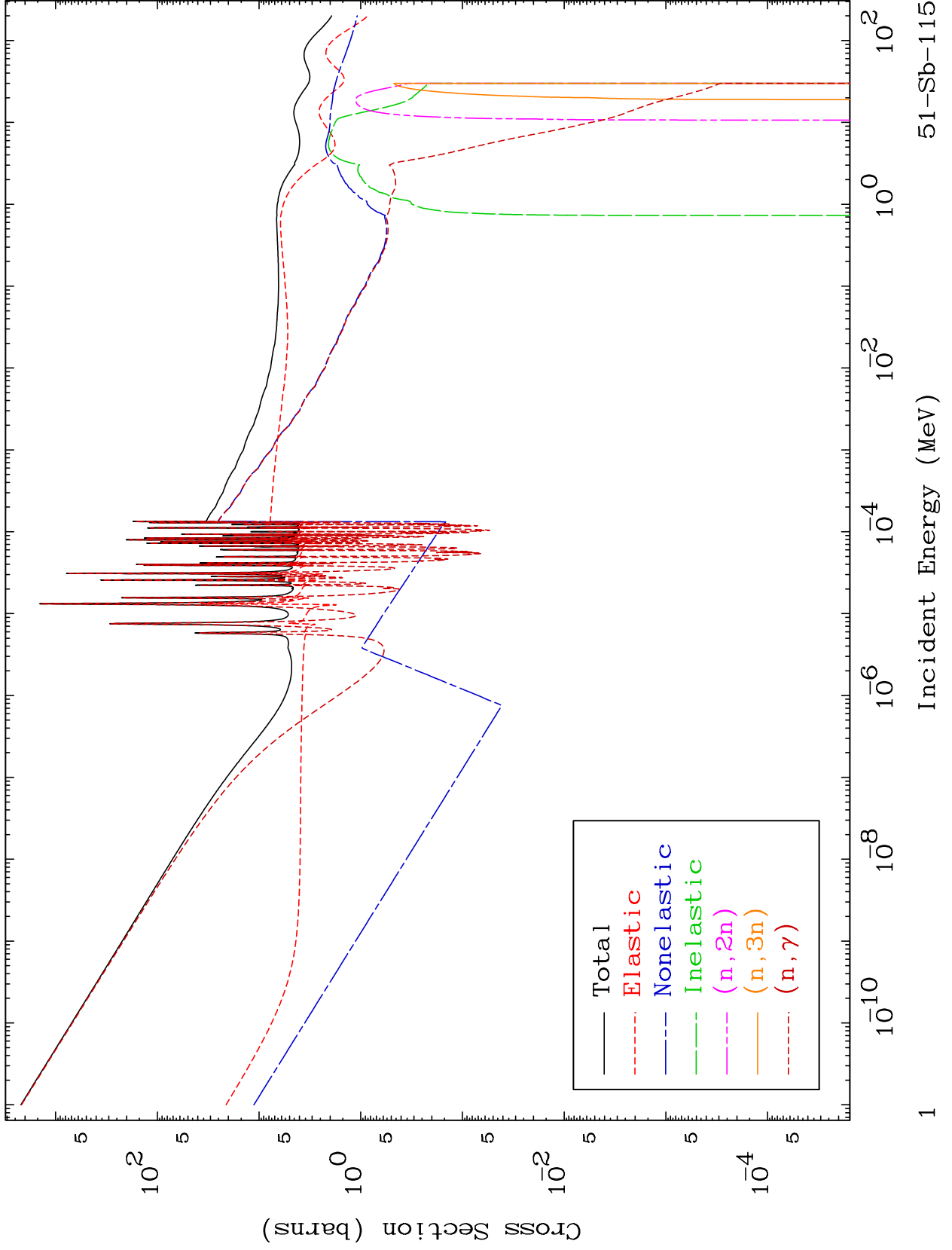
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Press Mouse Button to Start

MAT 5107

Neutron Major  
293 Kelvin Cross Sections

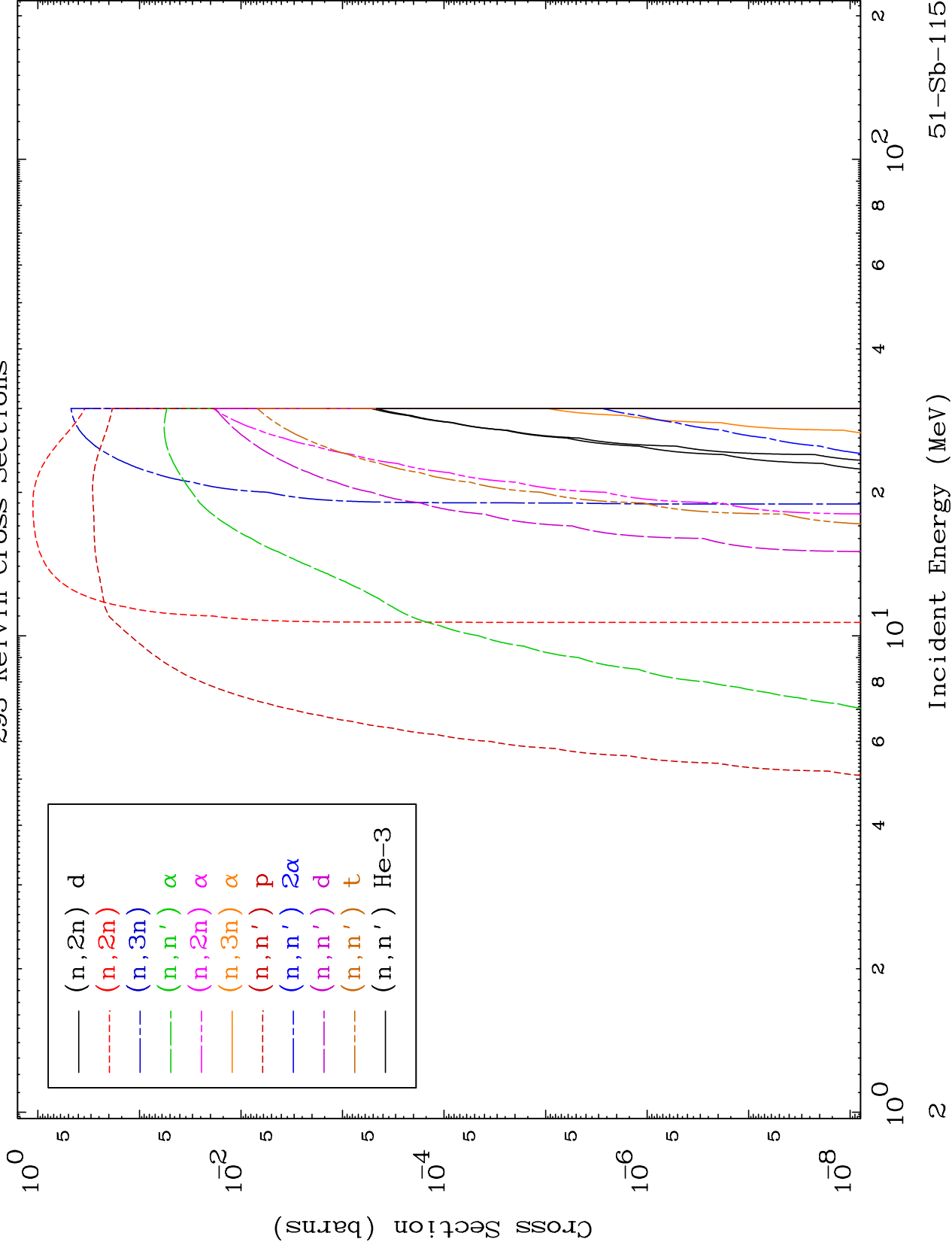
51-Sb-115



MAT 5107

Neutron Absorption  
293 Kelvin Cross Sections

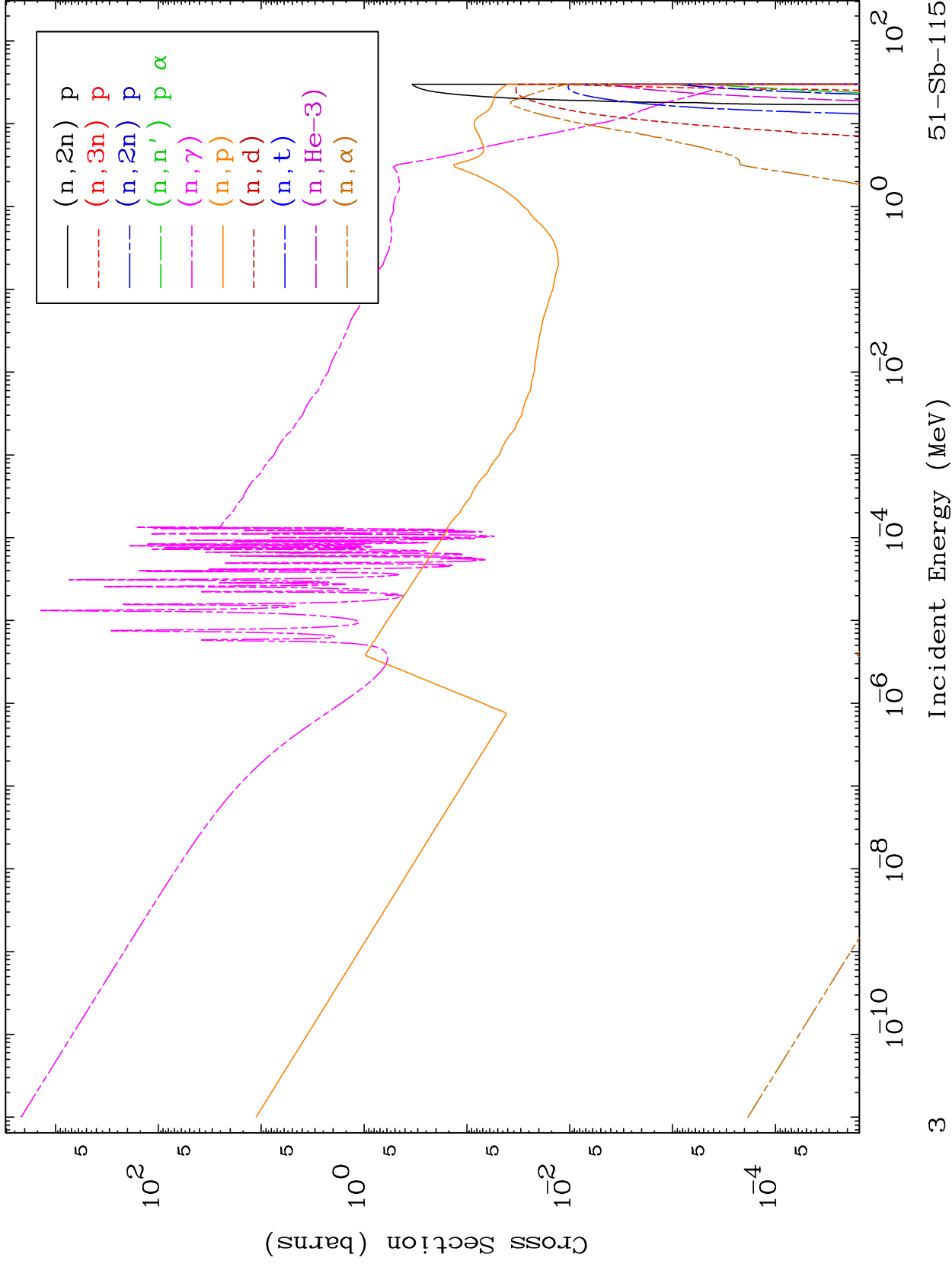
51-Sb-115

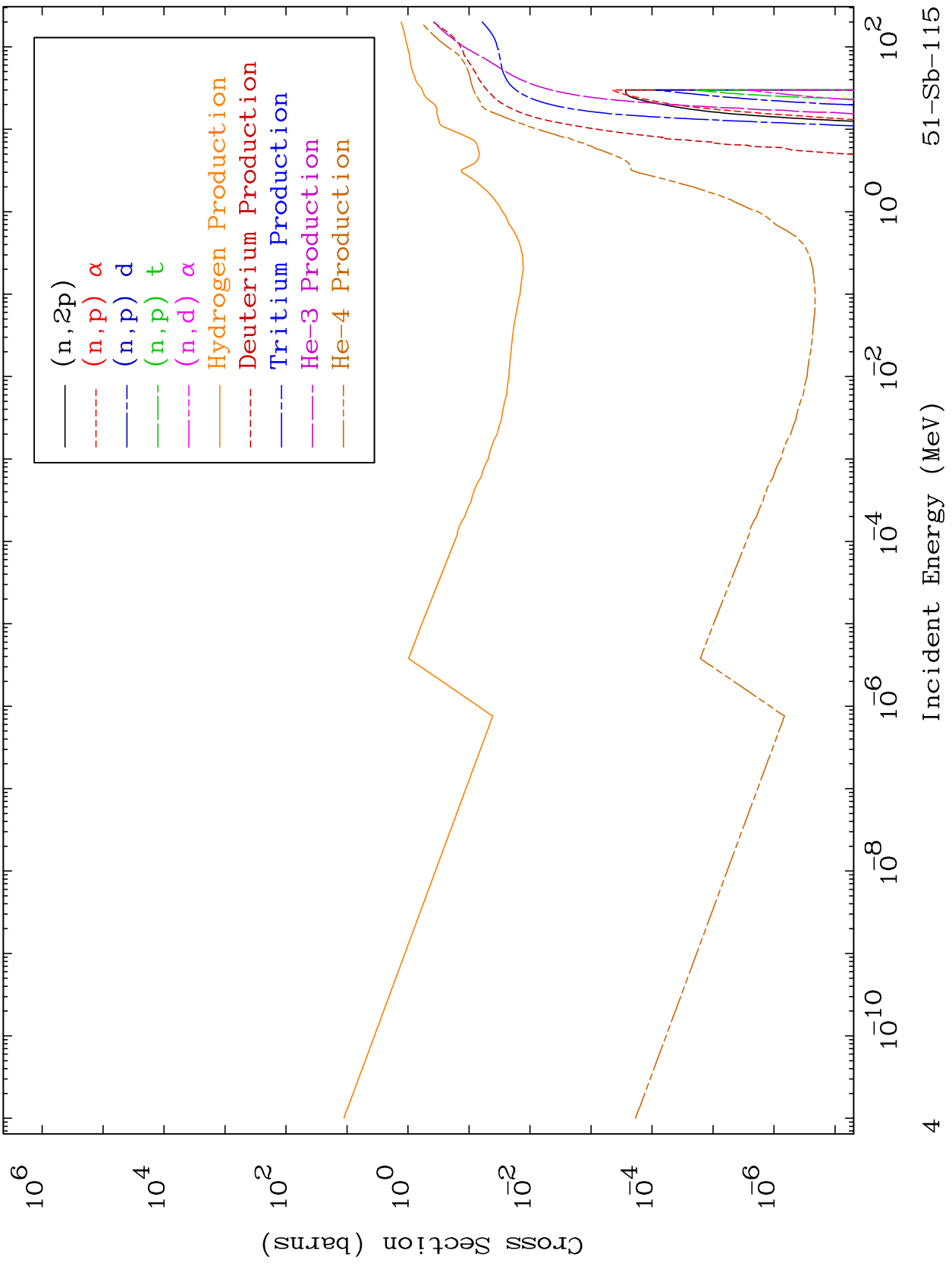


MAT 5107

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-115

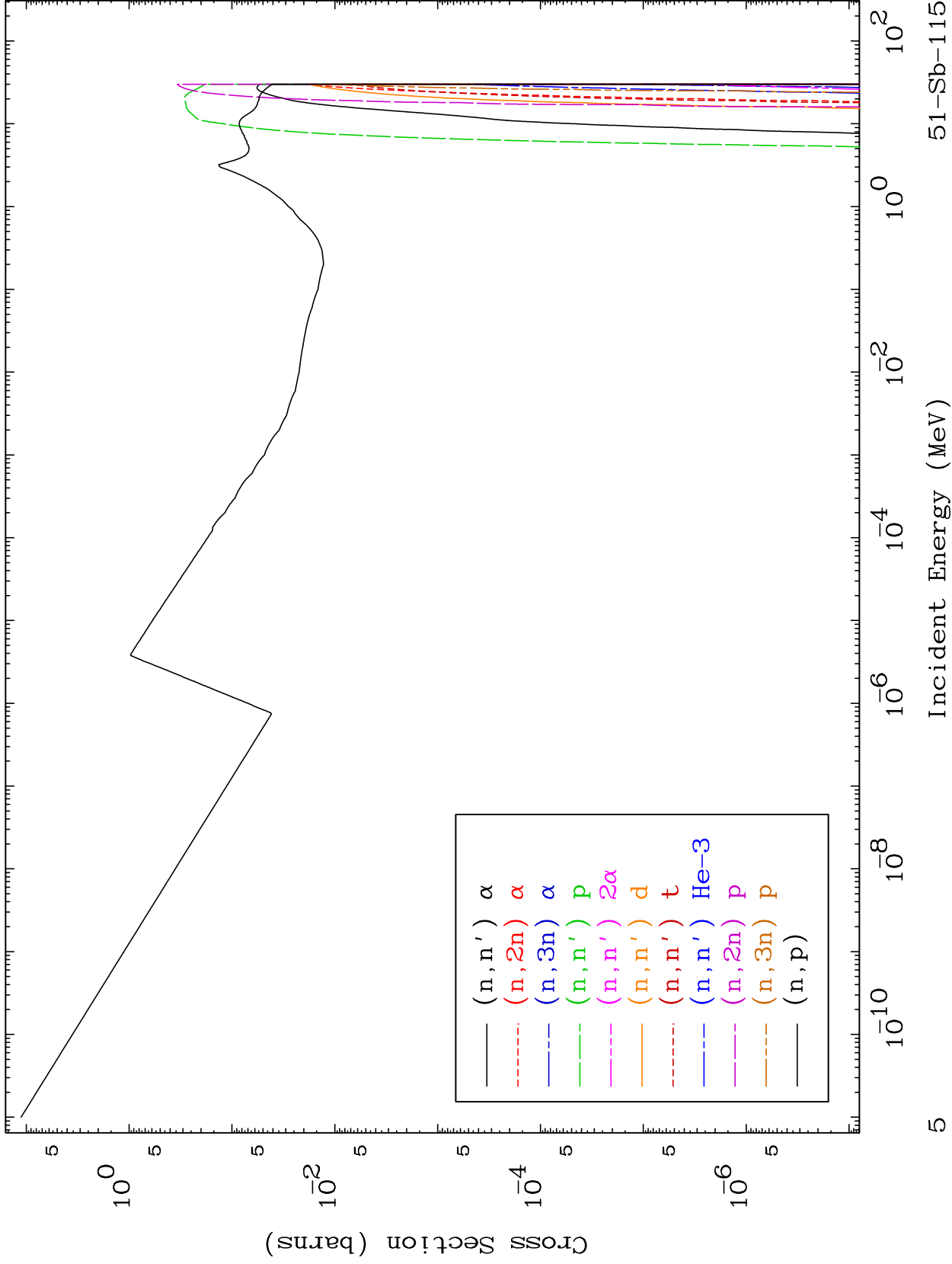




MAT 5107

Charged Particle  
293 Kelvin Cross Sections

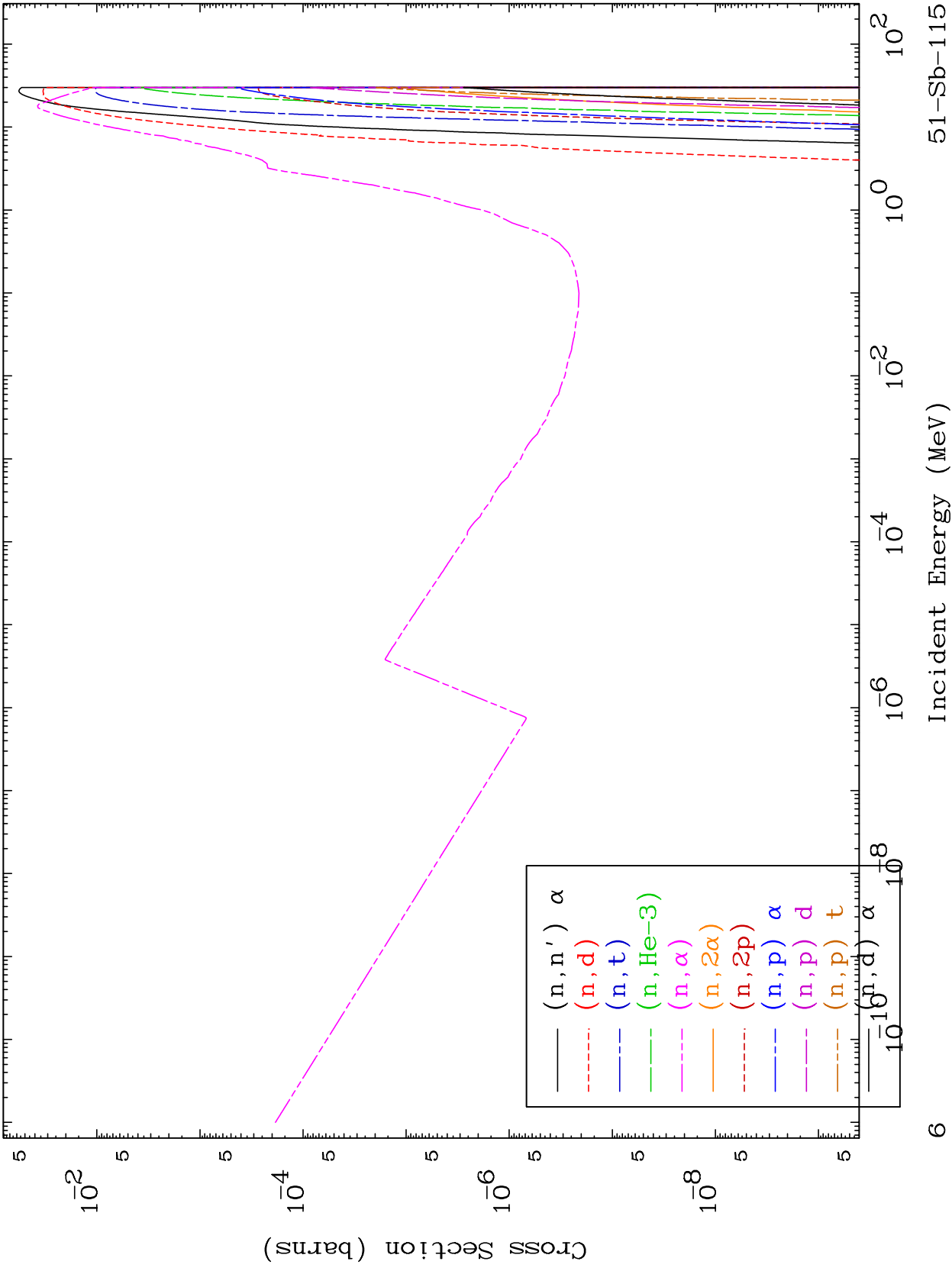
51-Sb-115

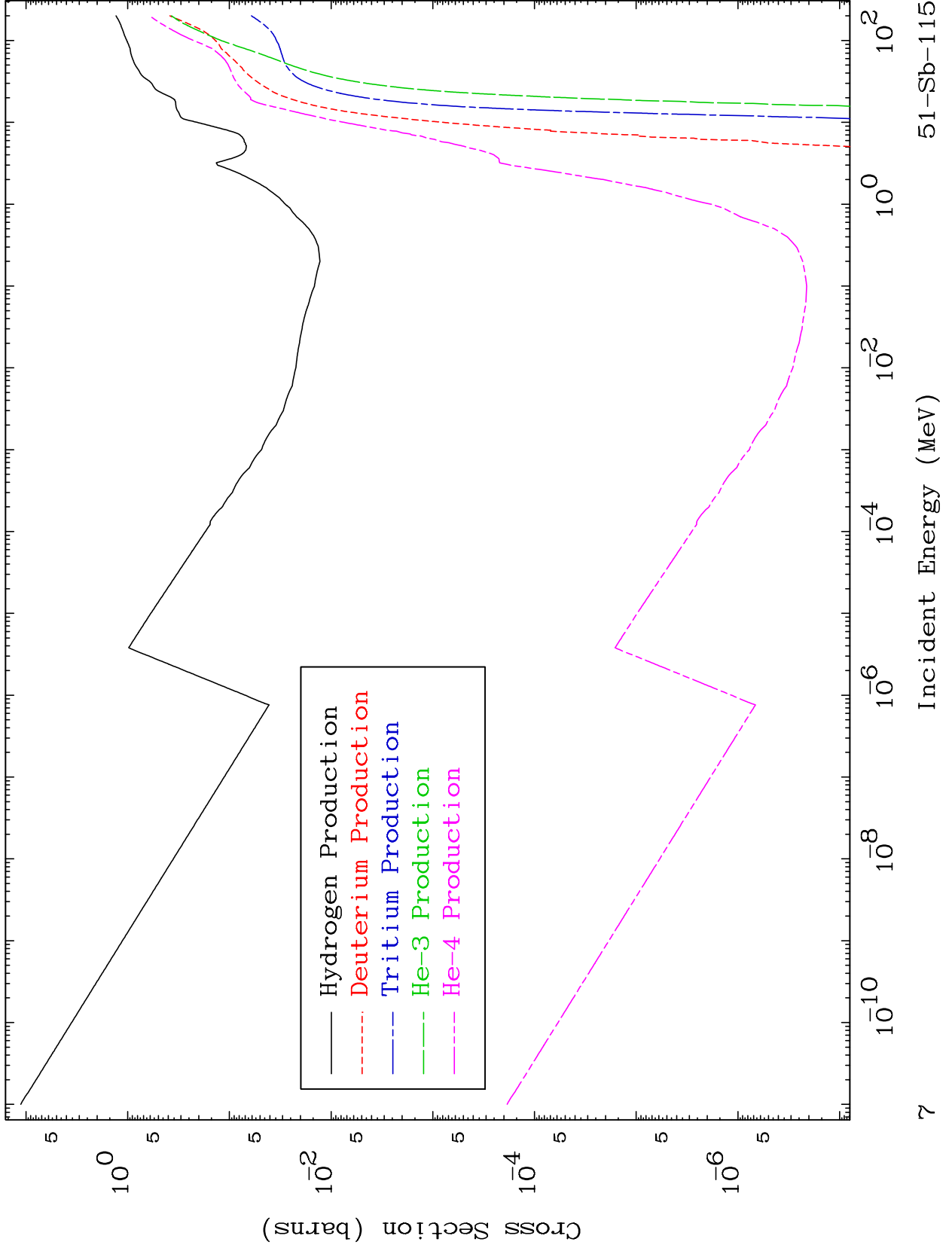


MAT 5107

Charged Particle  
293 Kelvin Cross Sections

51-Sb-115





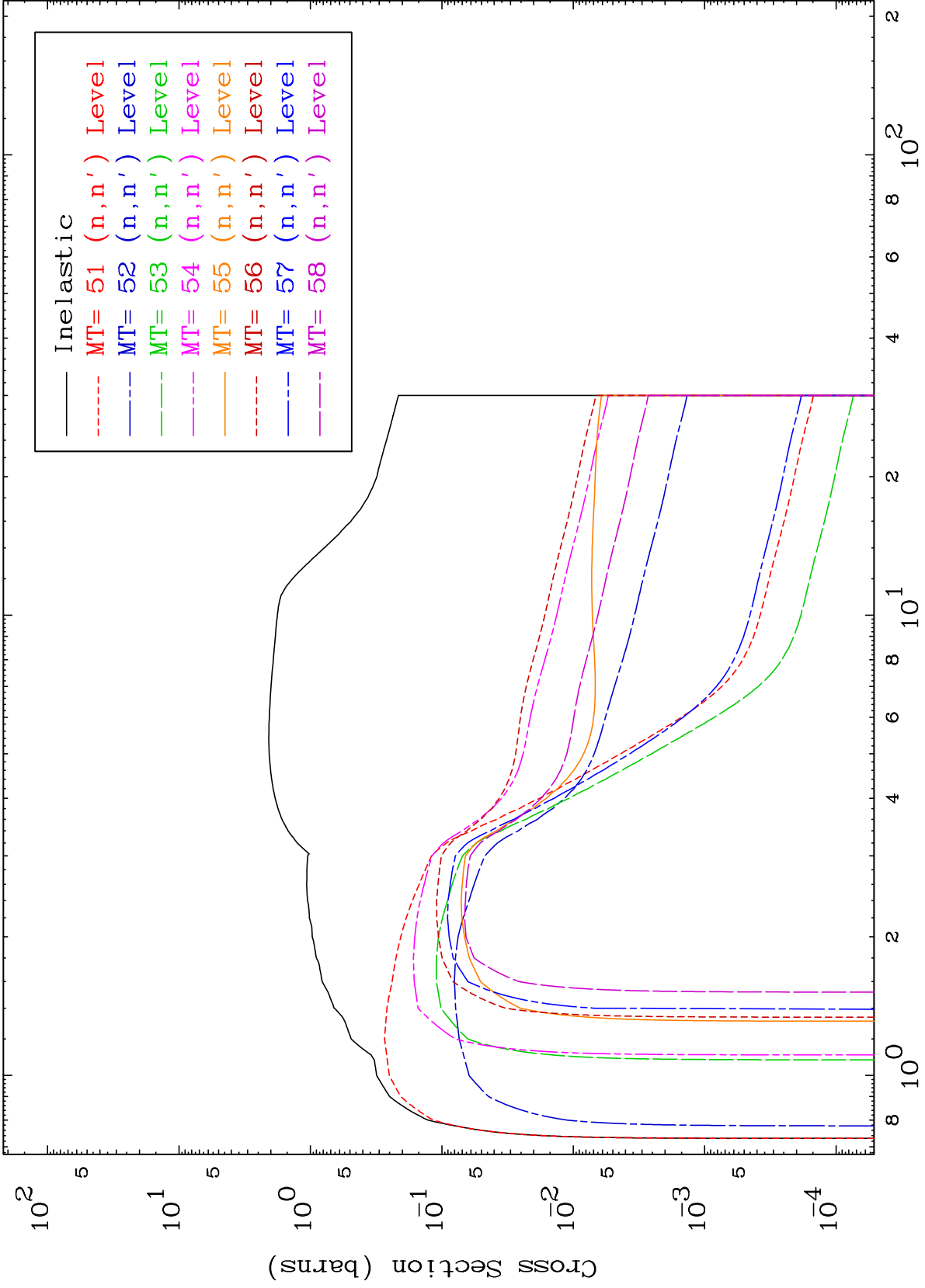


MAT 5107

(n,n') Levels

51-Sb-115

293 Kelvin Cross Sections

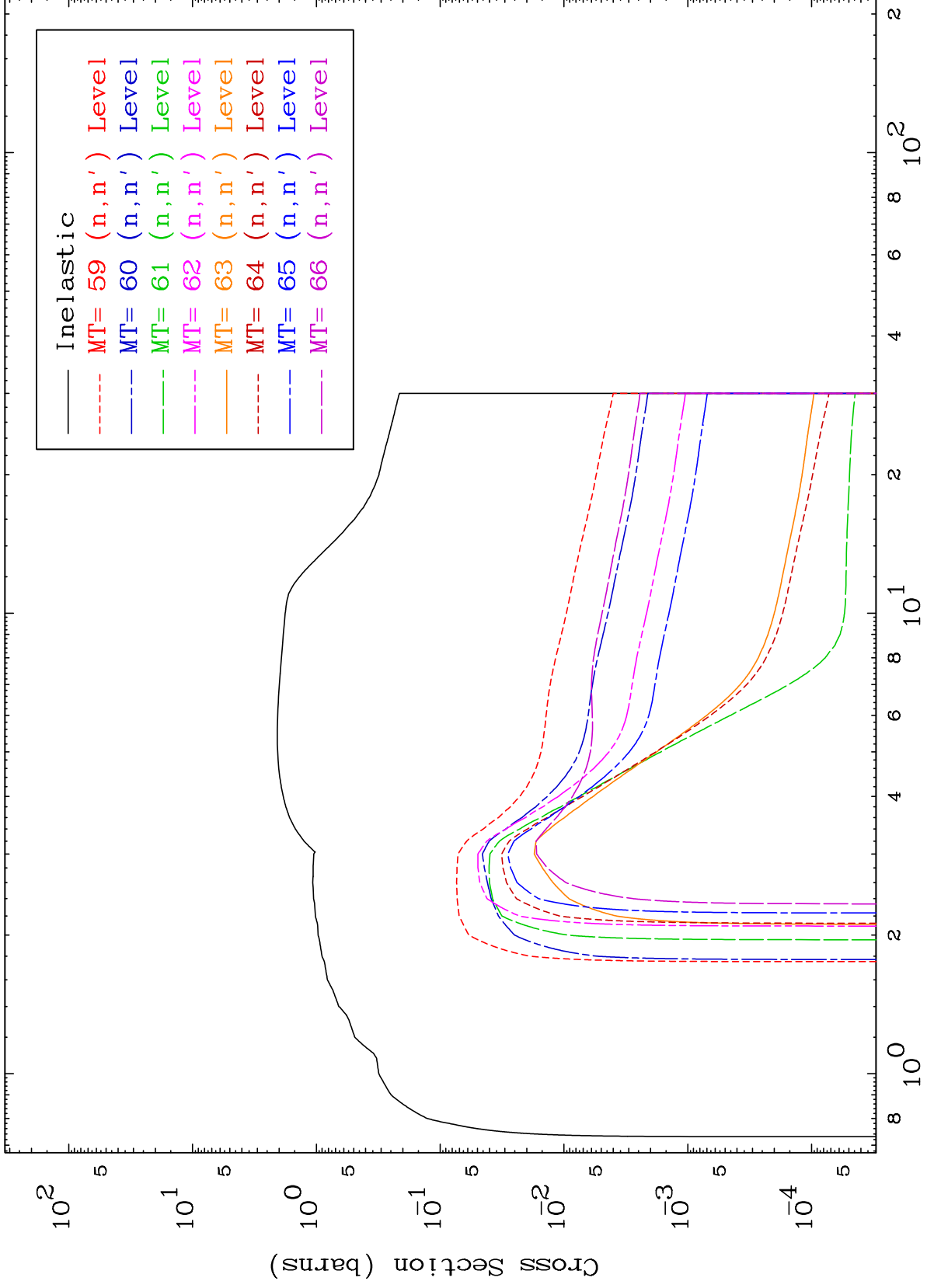


8

Incident Energy (MeV)

51-Sb-115

293 Kelvin Cross Sections

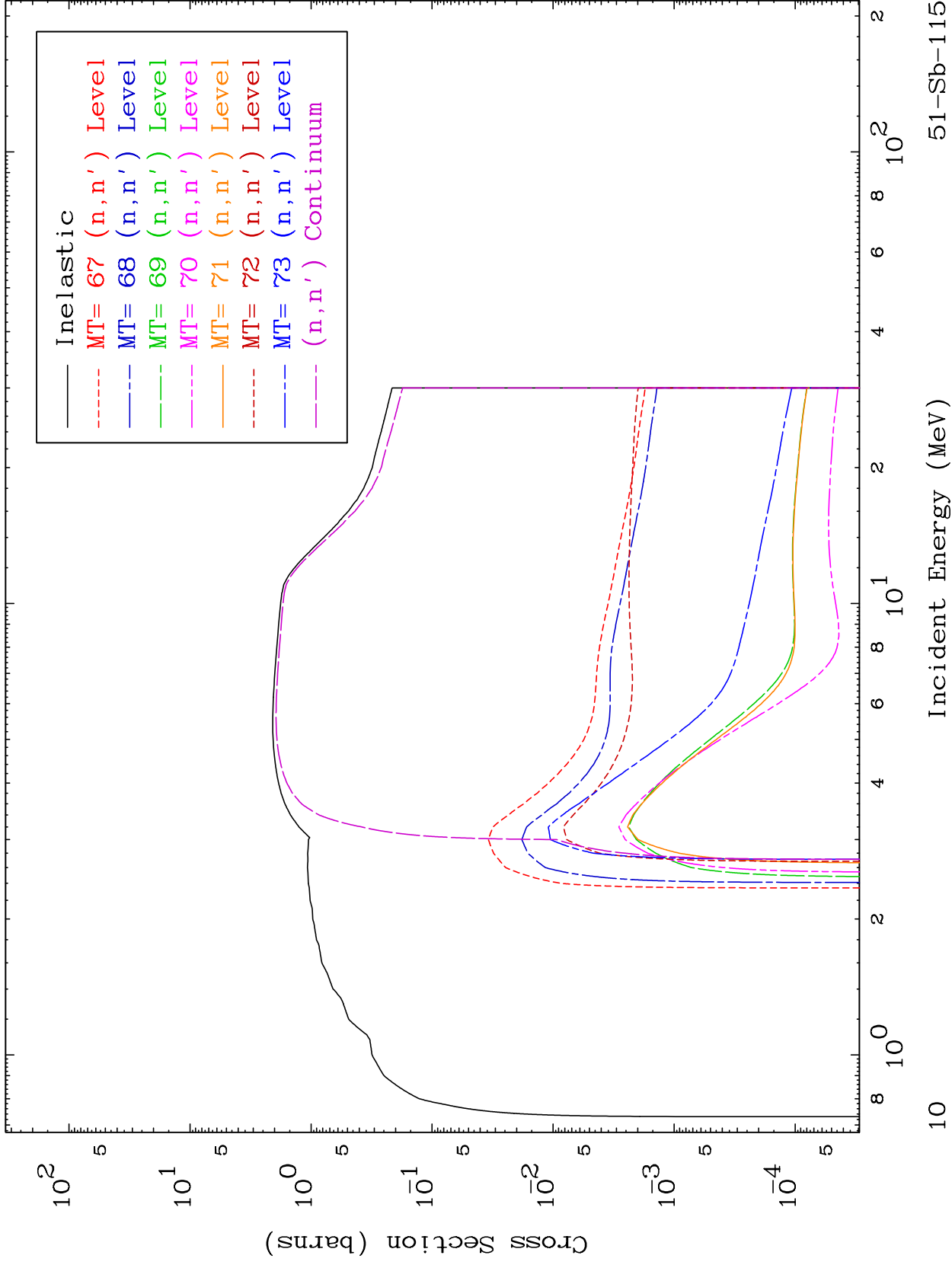


MAT 5107

(n,n') Levels

51-Sb-115

293 Kelvin Cross Sections



51-Sb-115

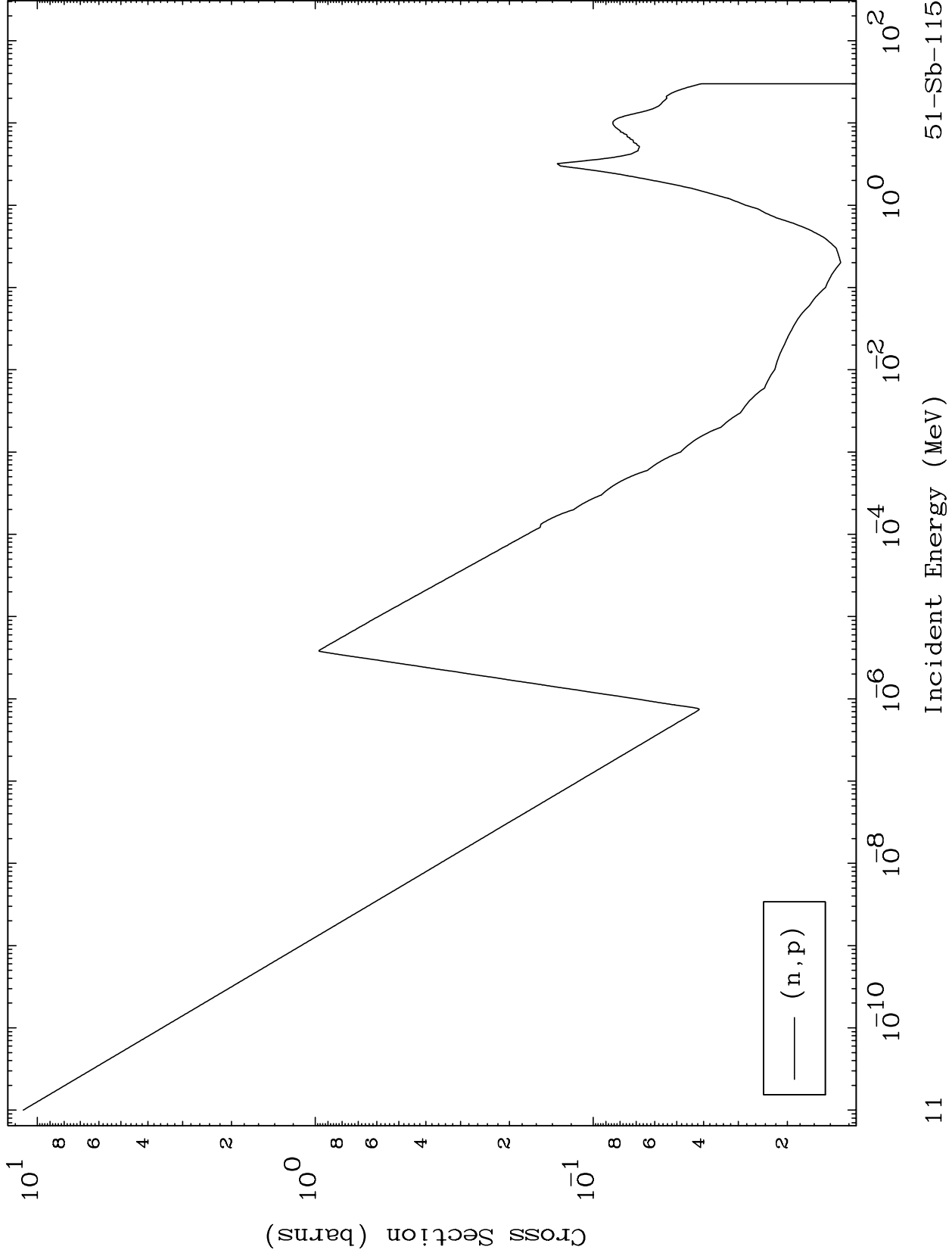
Incident Energy (MeV)

10

MAT 5107

(n,p) Levels  
293 Kelvin Cross Sections

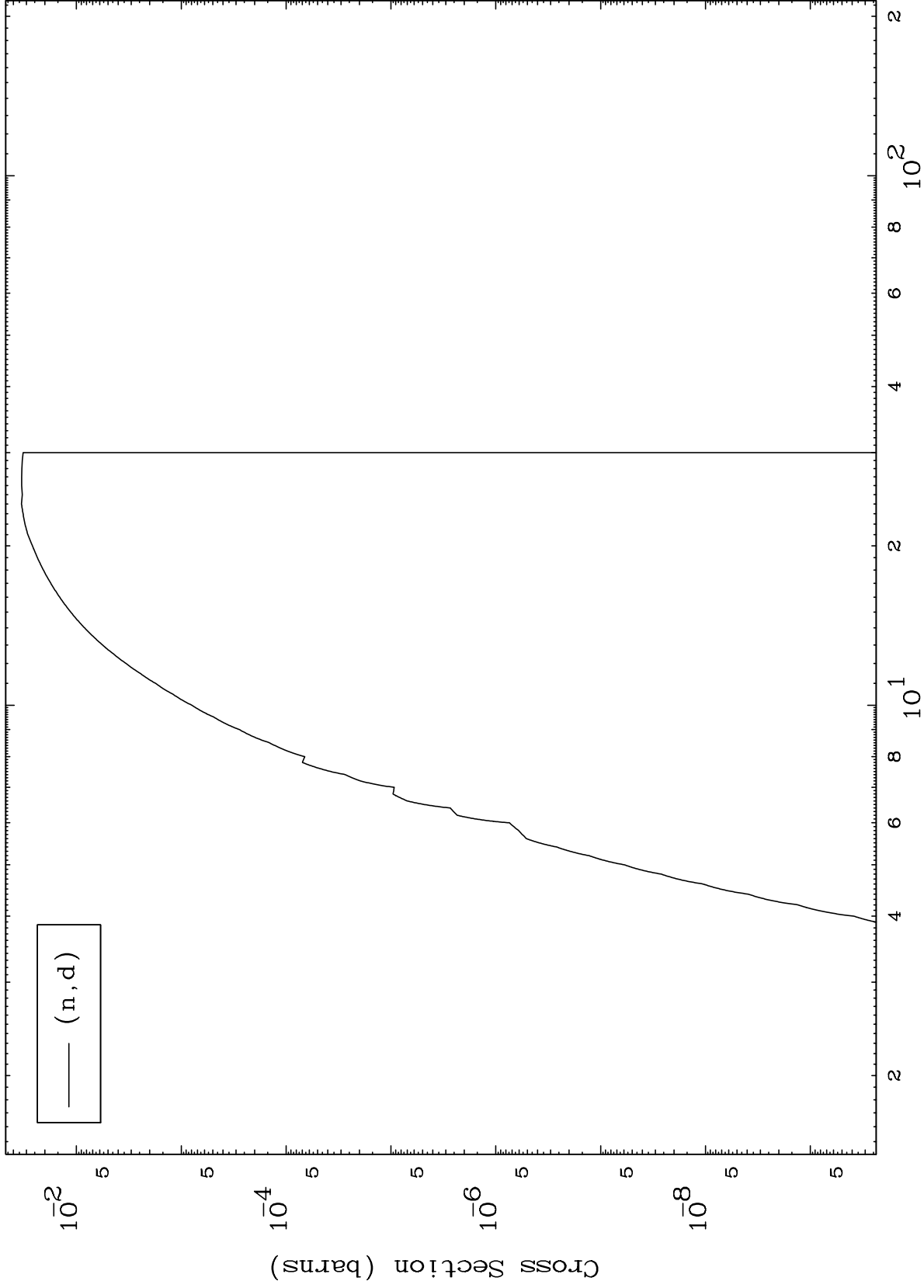
51-Sb-115



MAT 5107

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-115



12

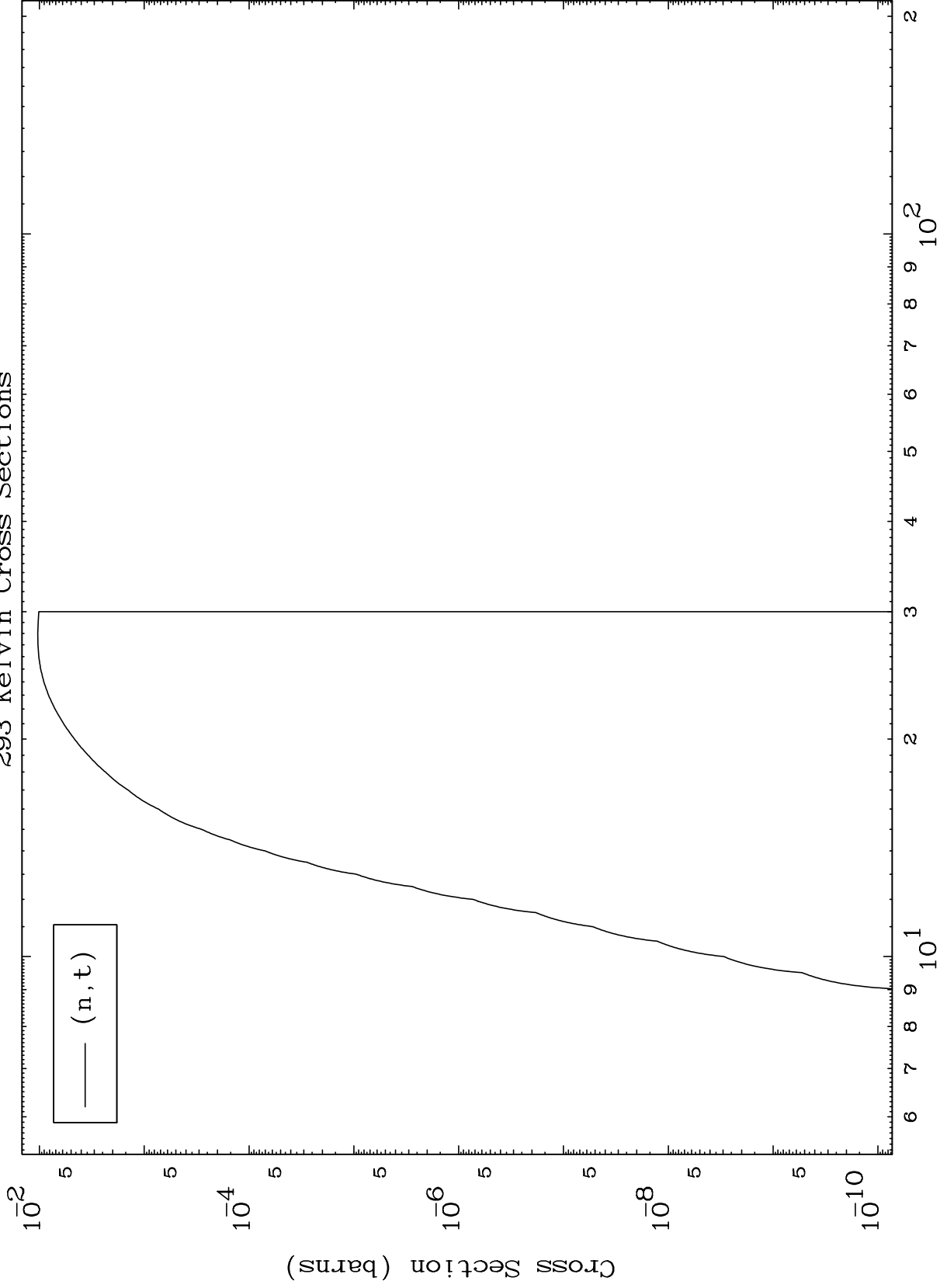
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n, t) Levels  
293 Kelvin Cross Sections

51-Sb-115



13

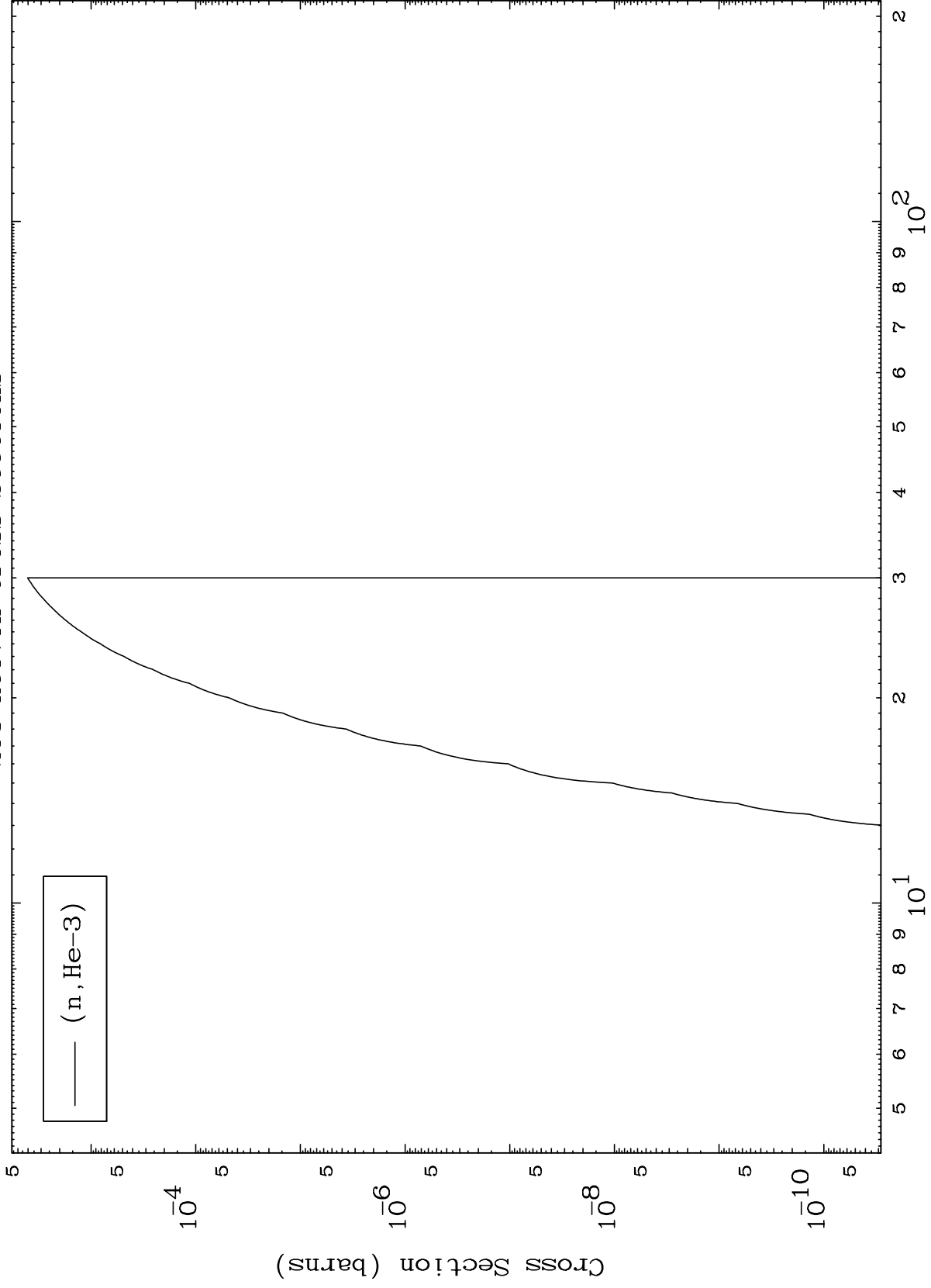
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-115



14

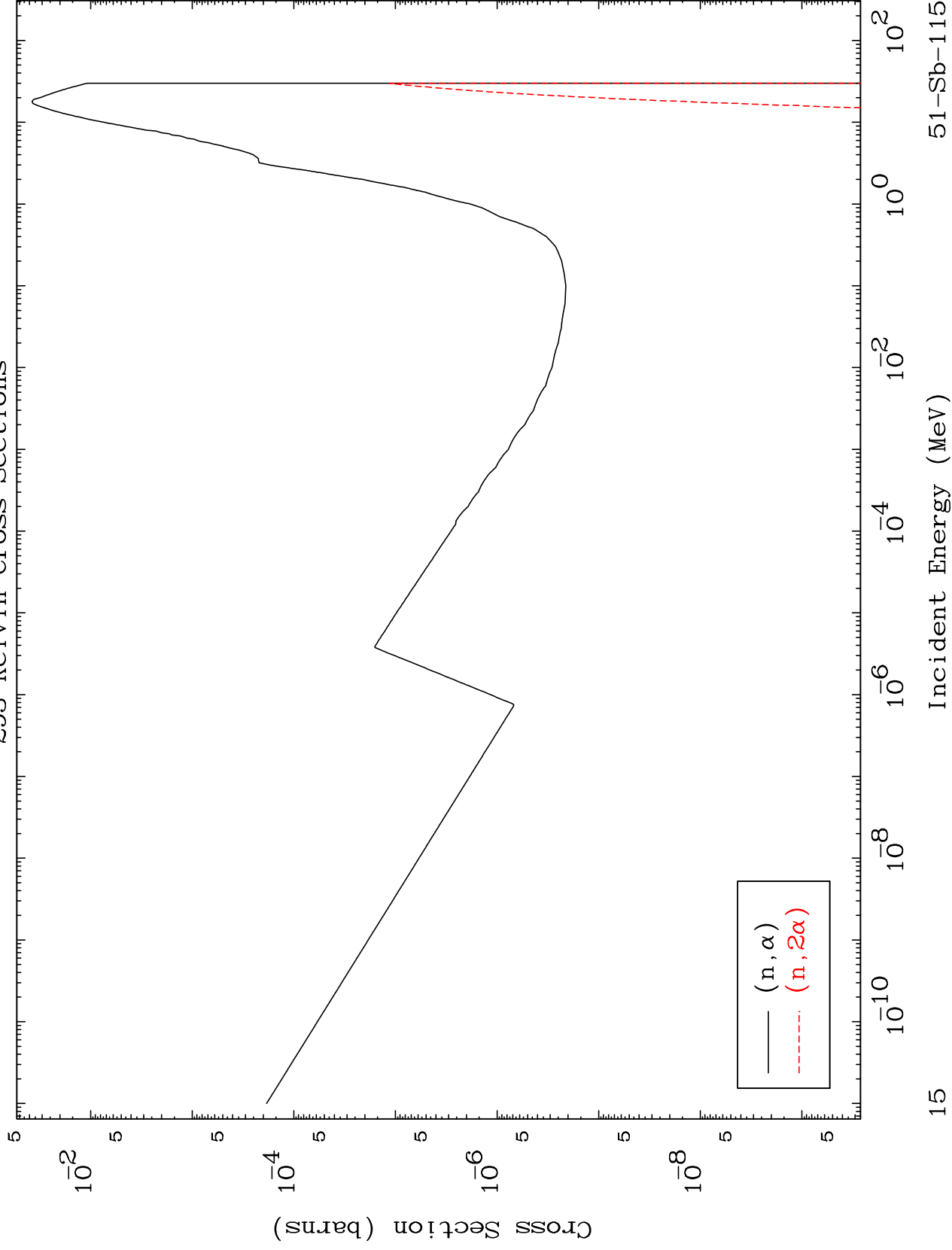
Incident Energy (MeV)

51-Sb-115

MAT 5107

(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-115



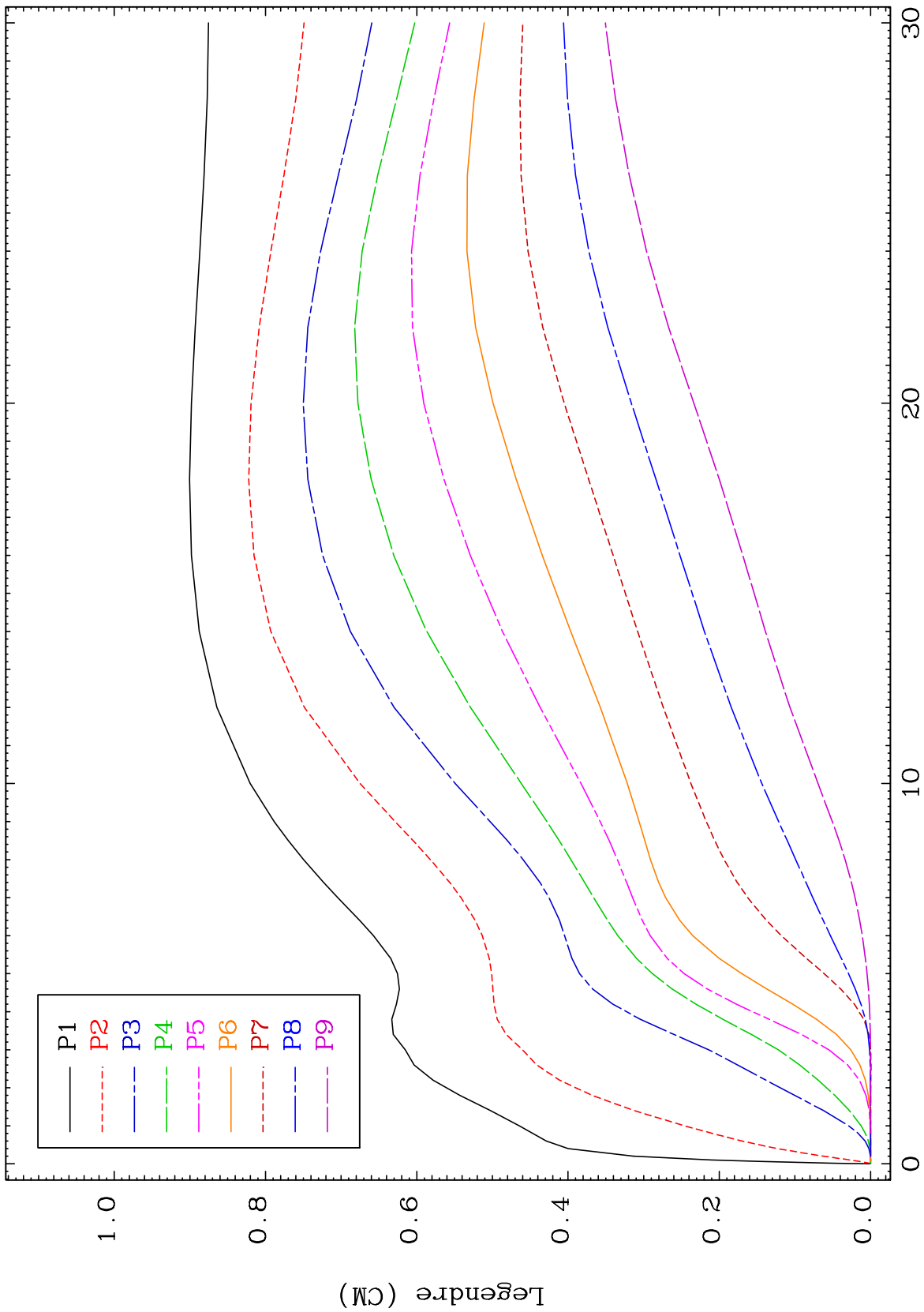
15



MAT 5107

Elastic Legendre Coefficients

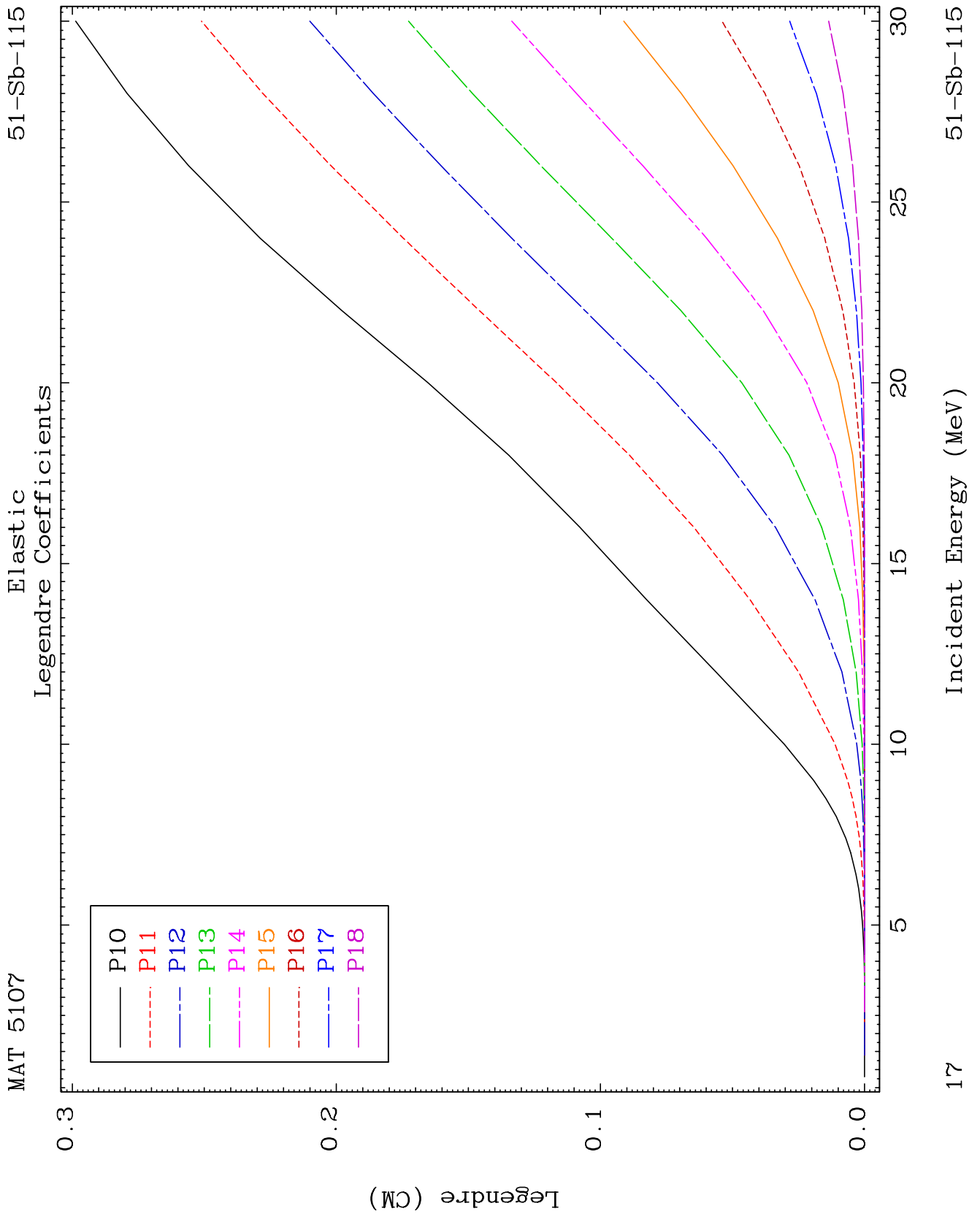
51-Sb-115



16

Incident Energy (MeV)

51-Sb-115

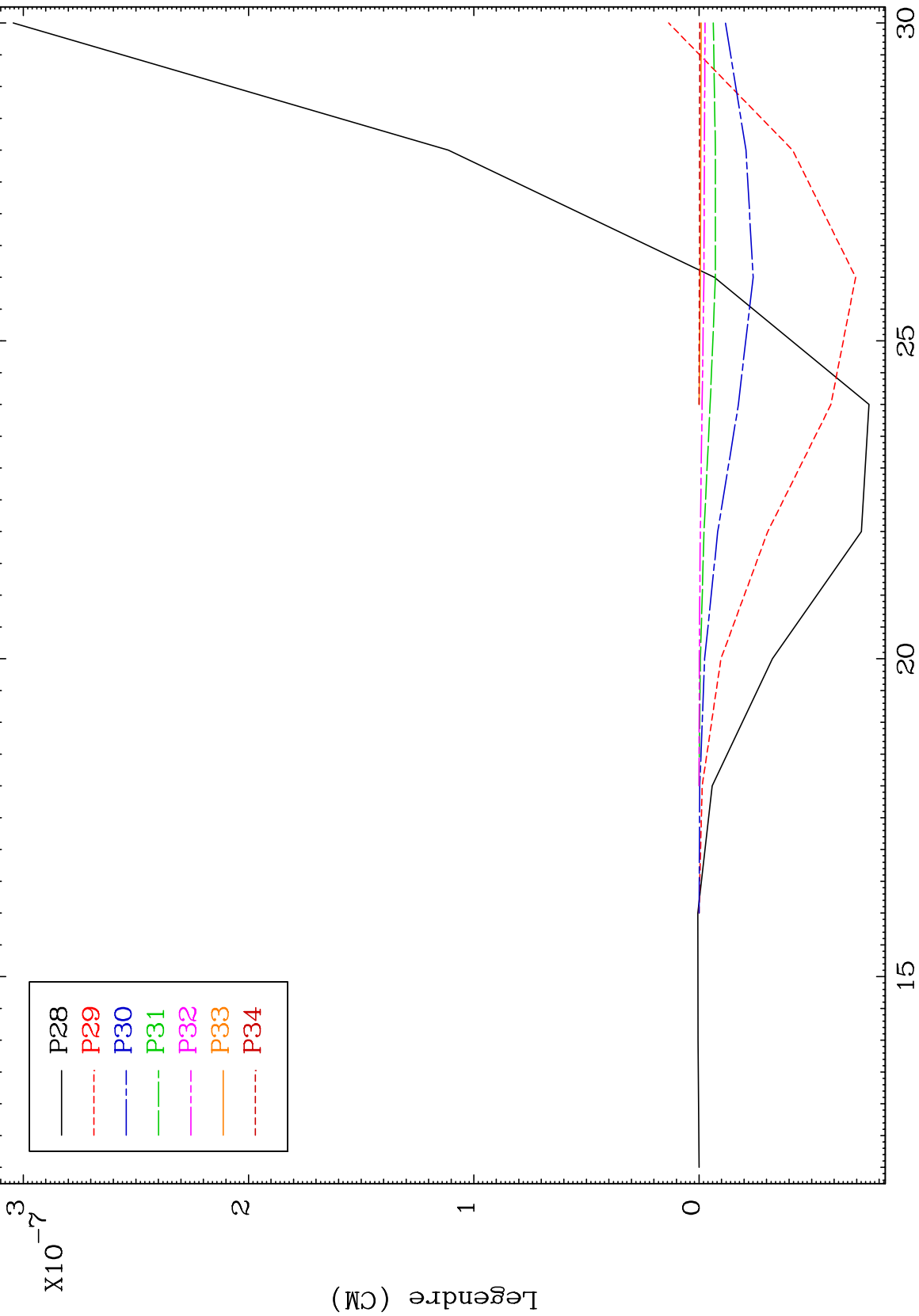




MAT 5107

Elastic Legendre Coefficients

51-Sb-115



19

Incident Energy (MeV)

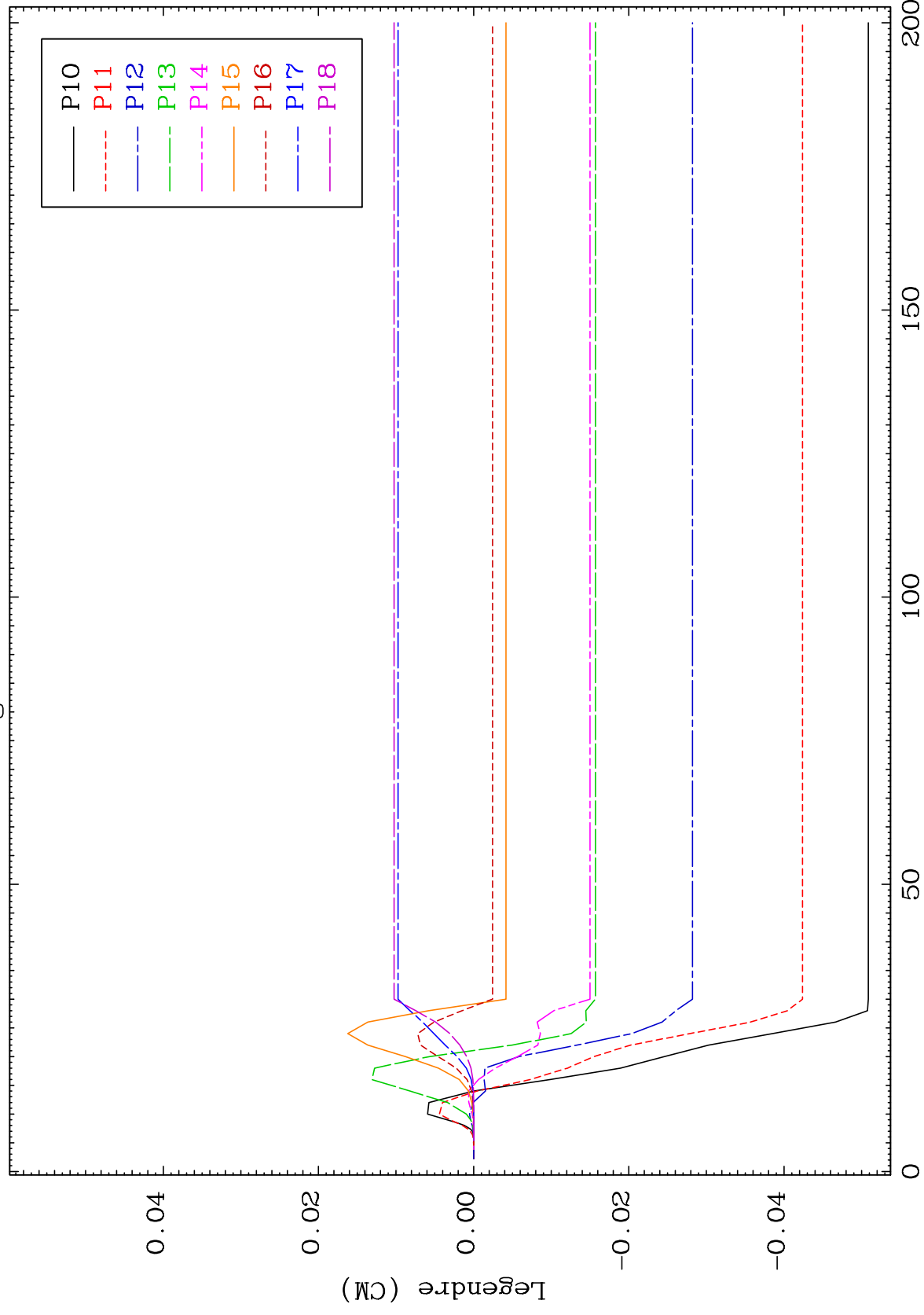
51-Sb-115



MAT 5107

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

51-Sb-115



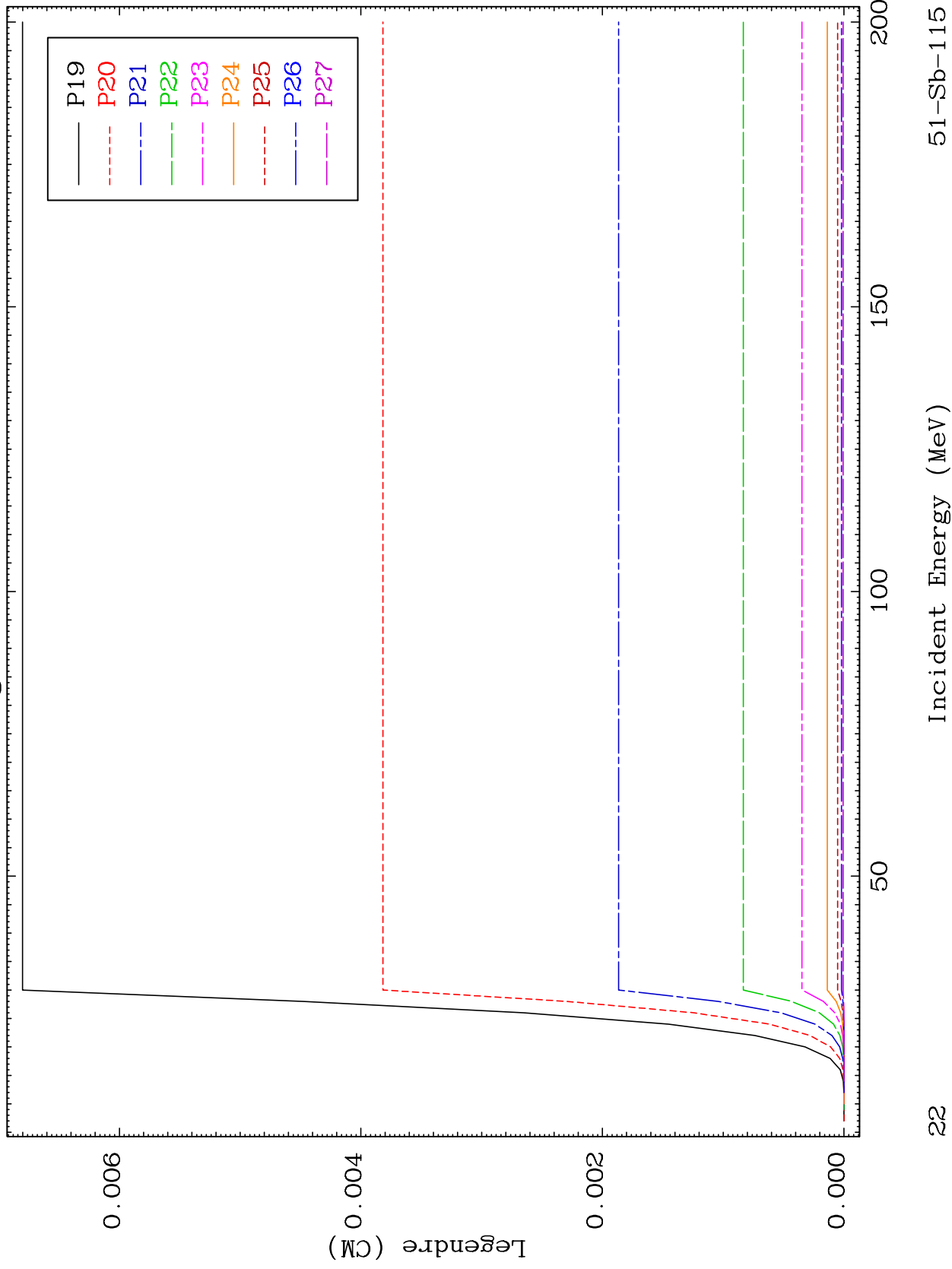
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51-Sb-115

MAT 5107

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

51-Sb-115



22

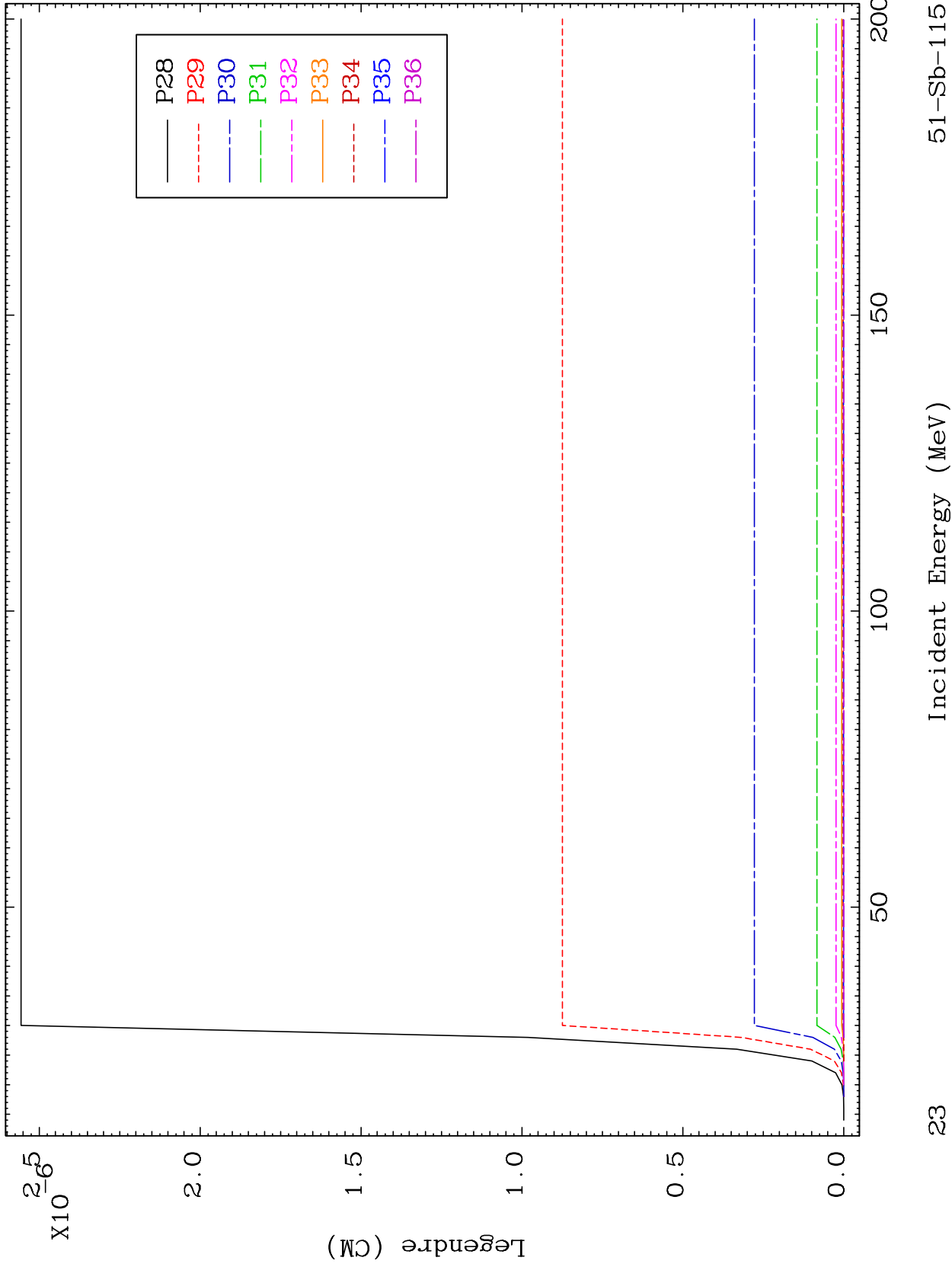
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

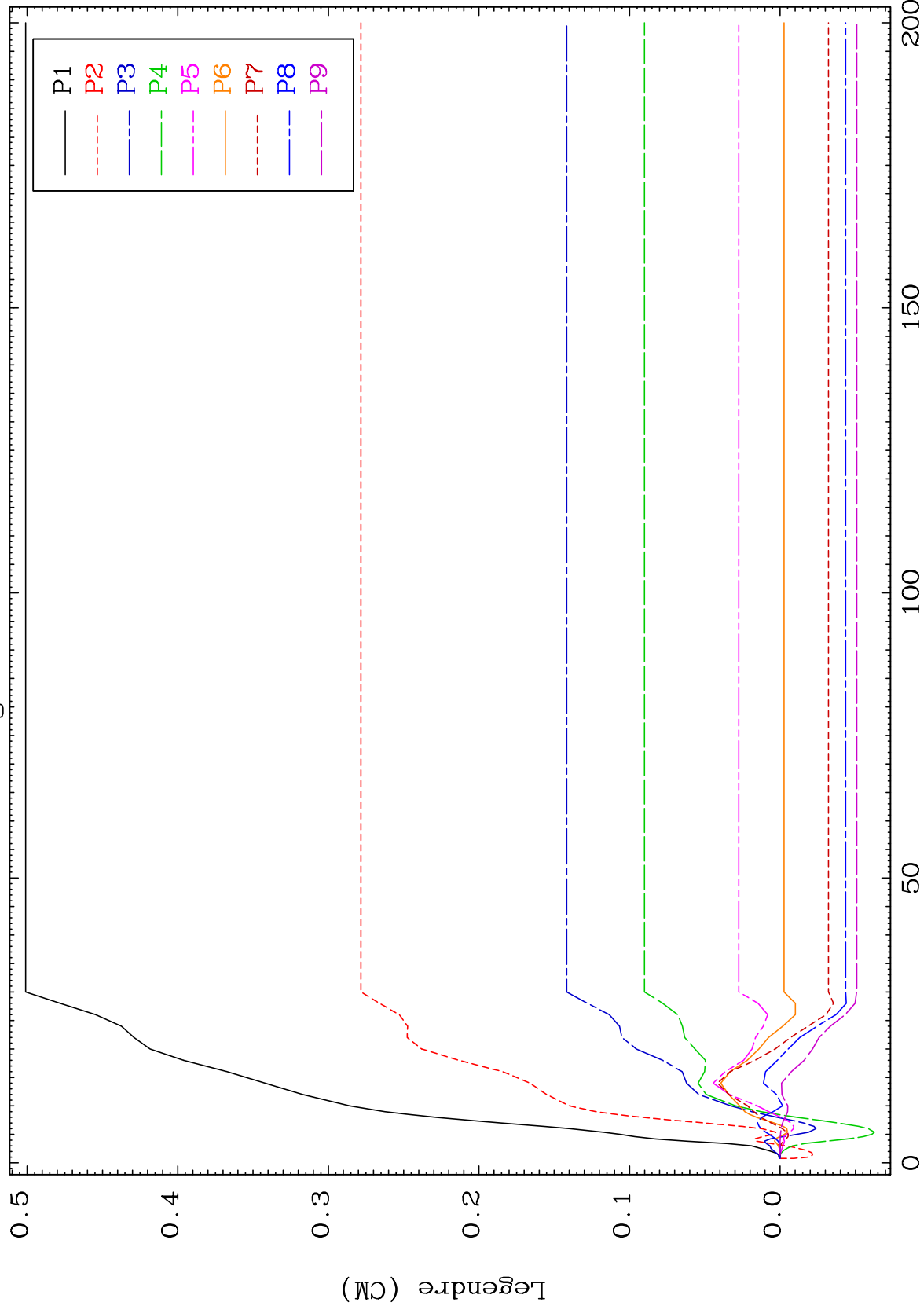




MAT 5107

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

51-Sb-115



51-Sb-115

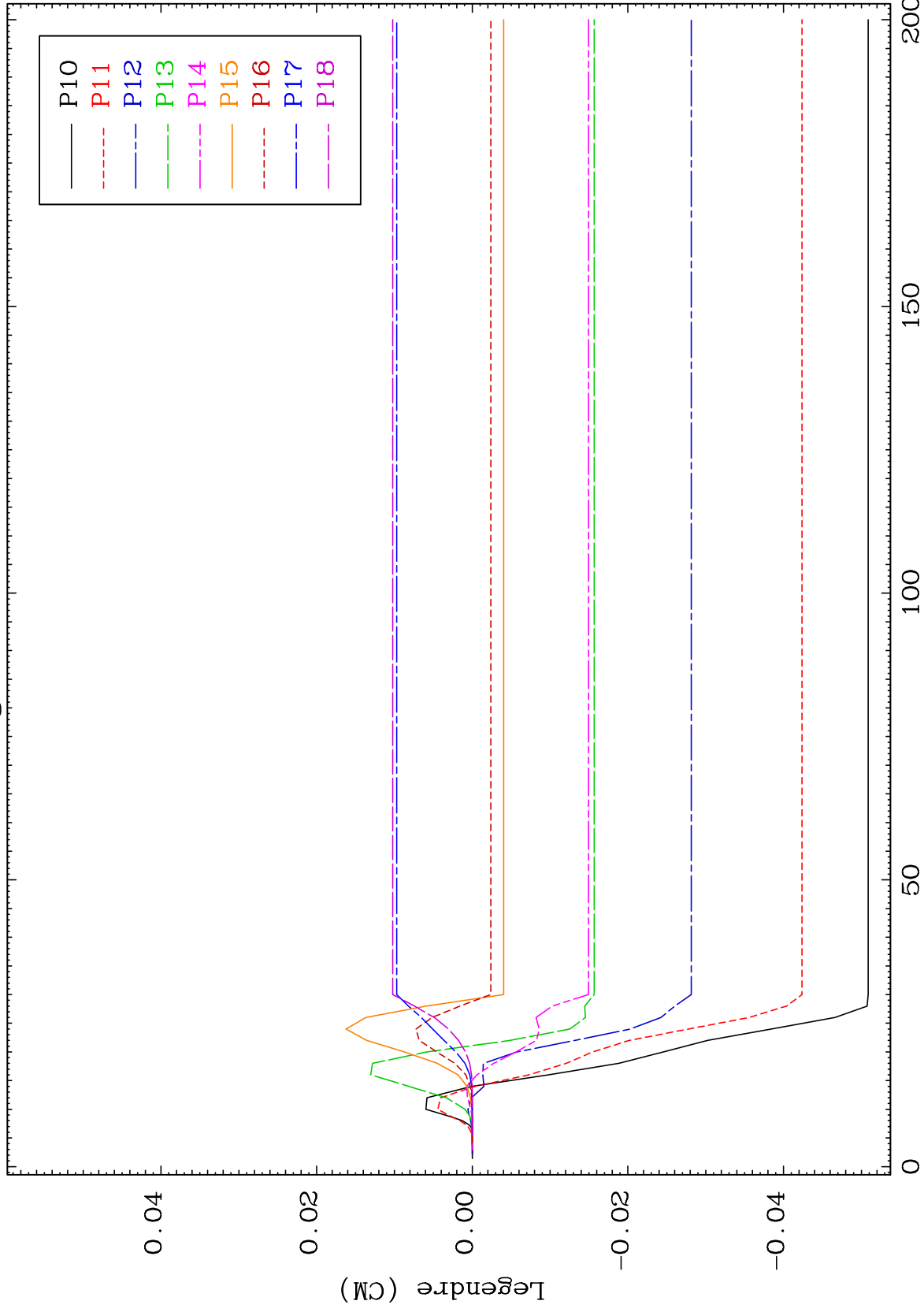
Incident Energy (MeV)

24

MAT 5107

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

51-Sb-115



25

Incident Energy (MeV)

50

100

150

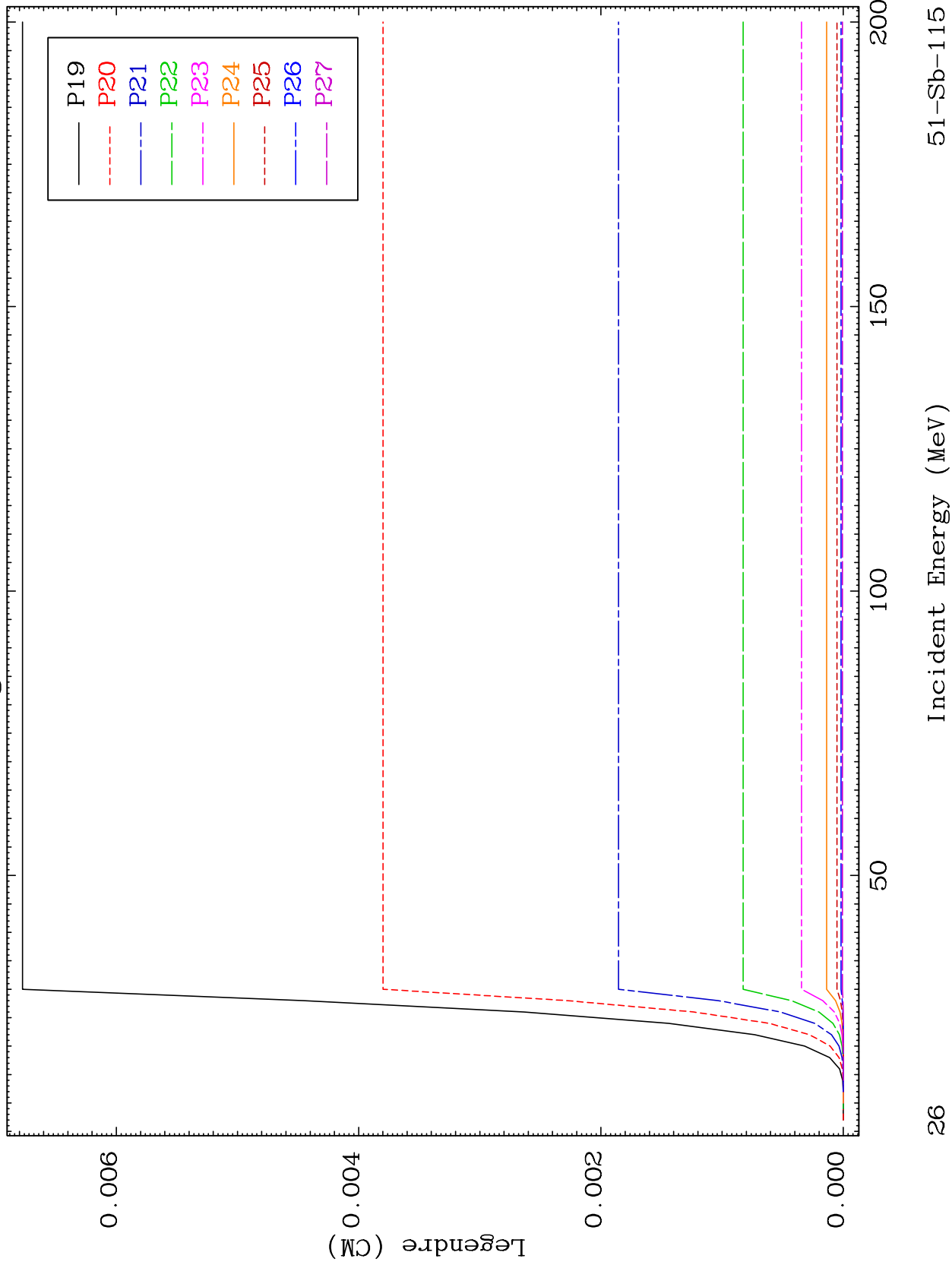
200

51-Sb-115

MAT 5107

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

51-Sb-115



26

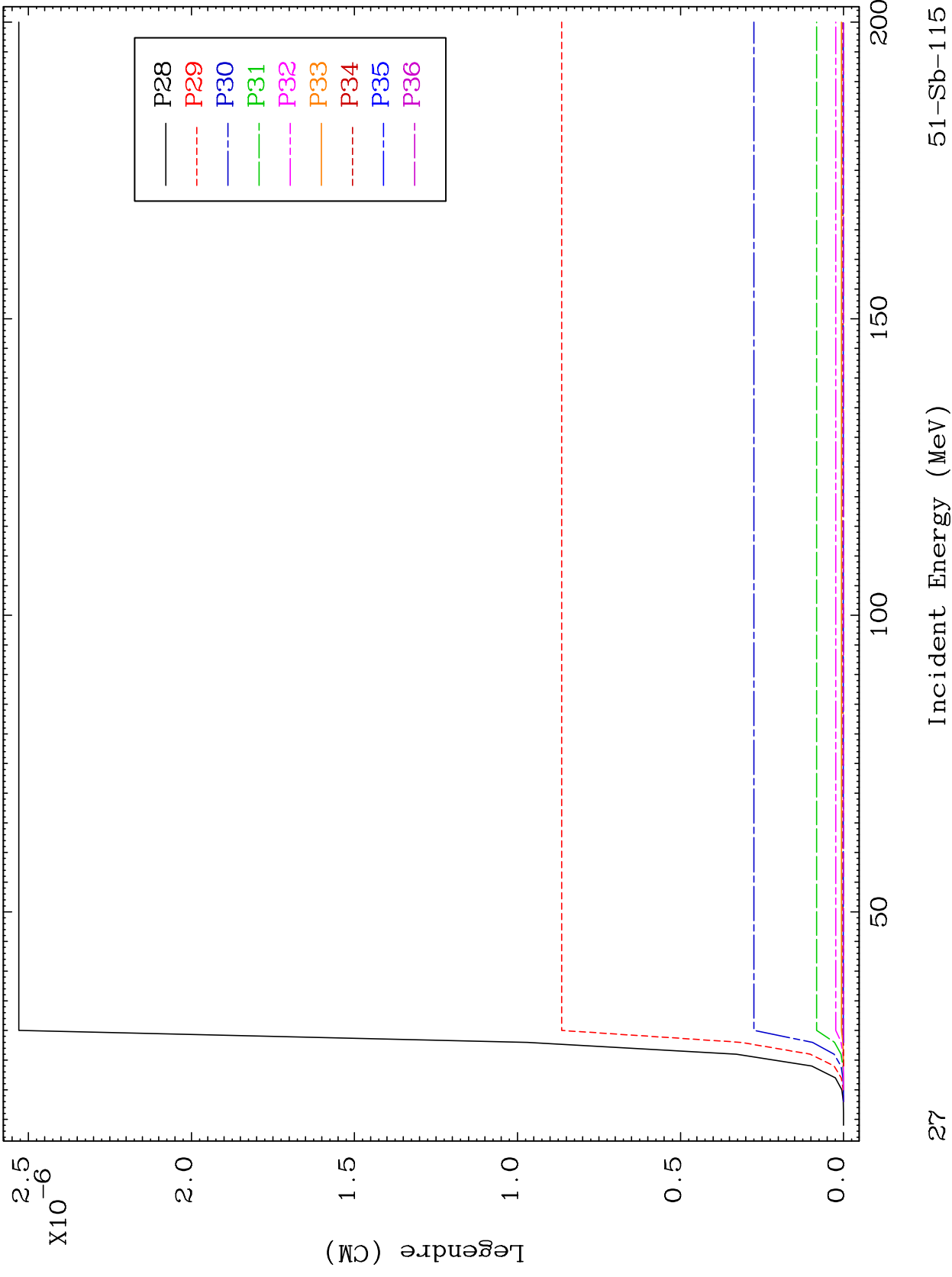
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

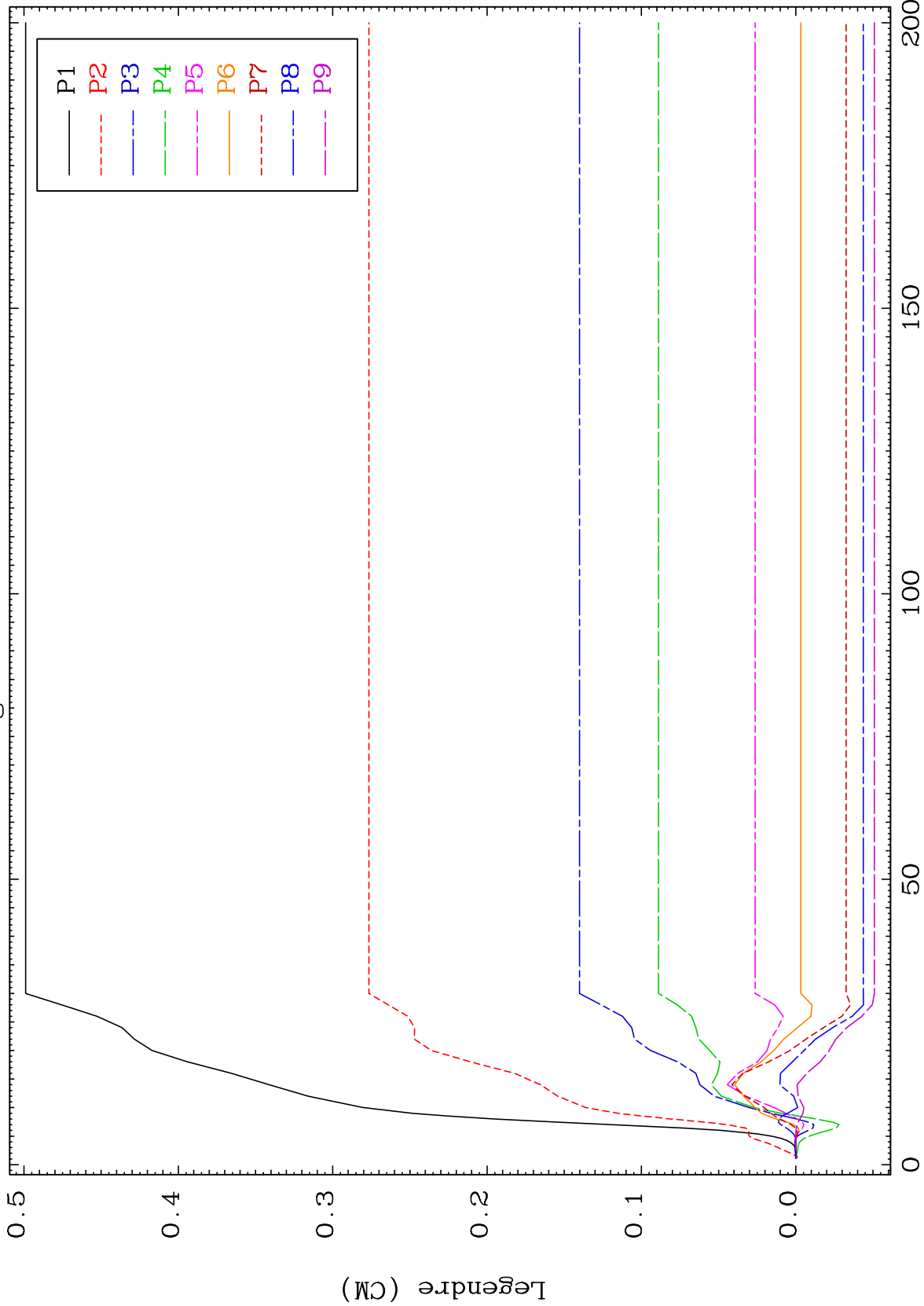


MAT 5107

MT= 53 (n,n') Level

51-Sb-115

Legendre Coefficients



28

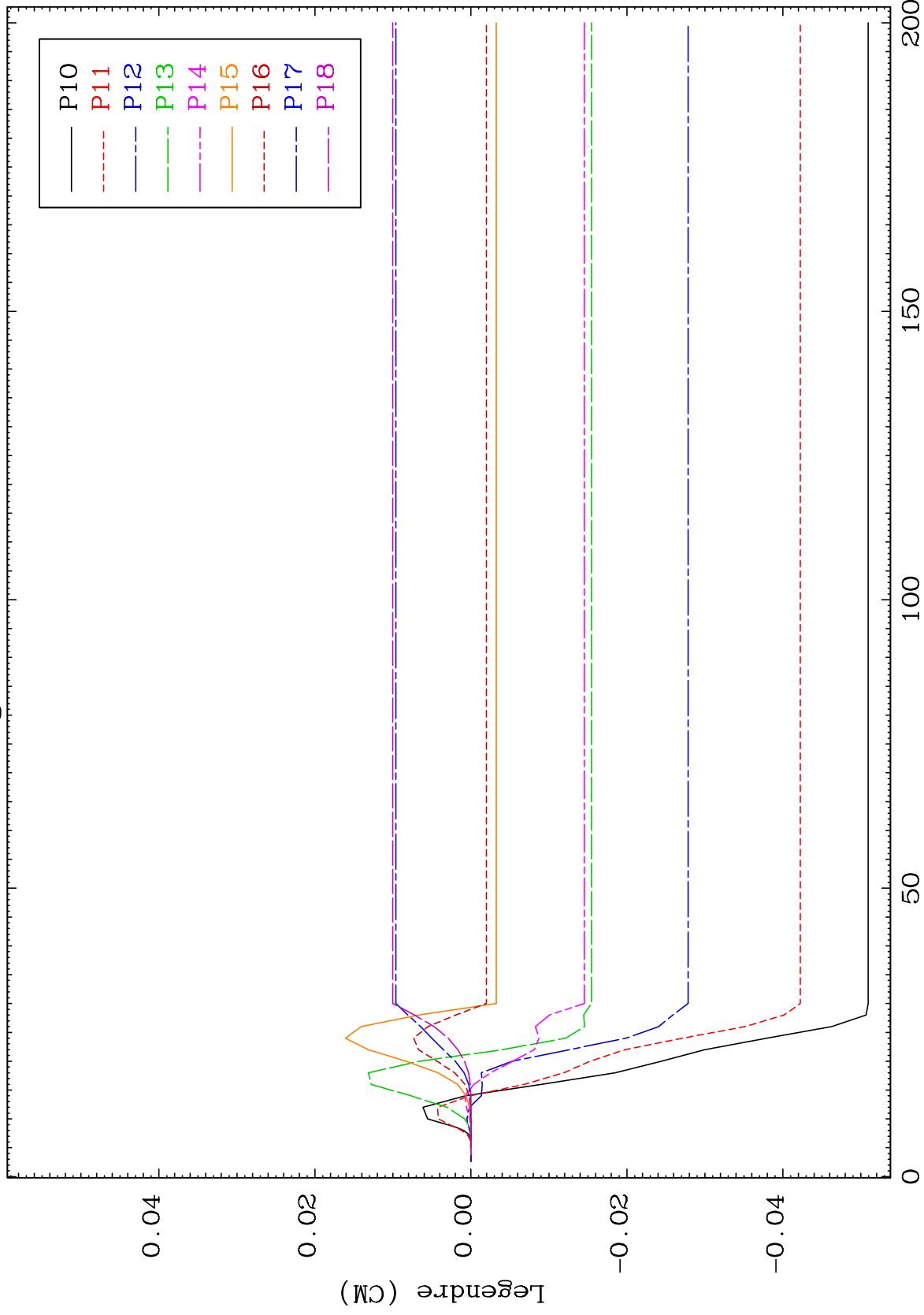
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



29

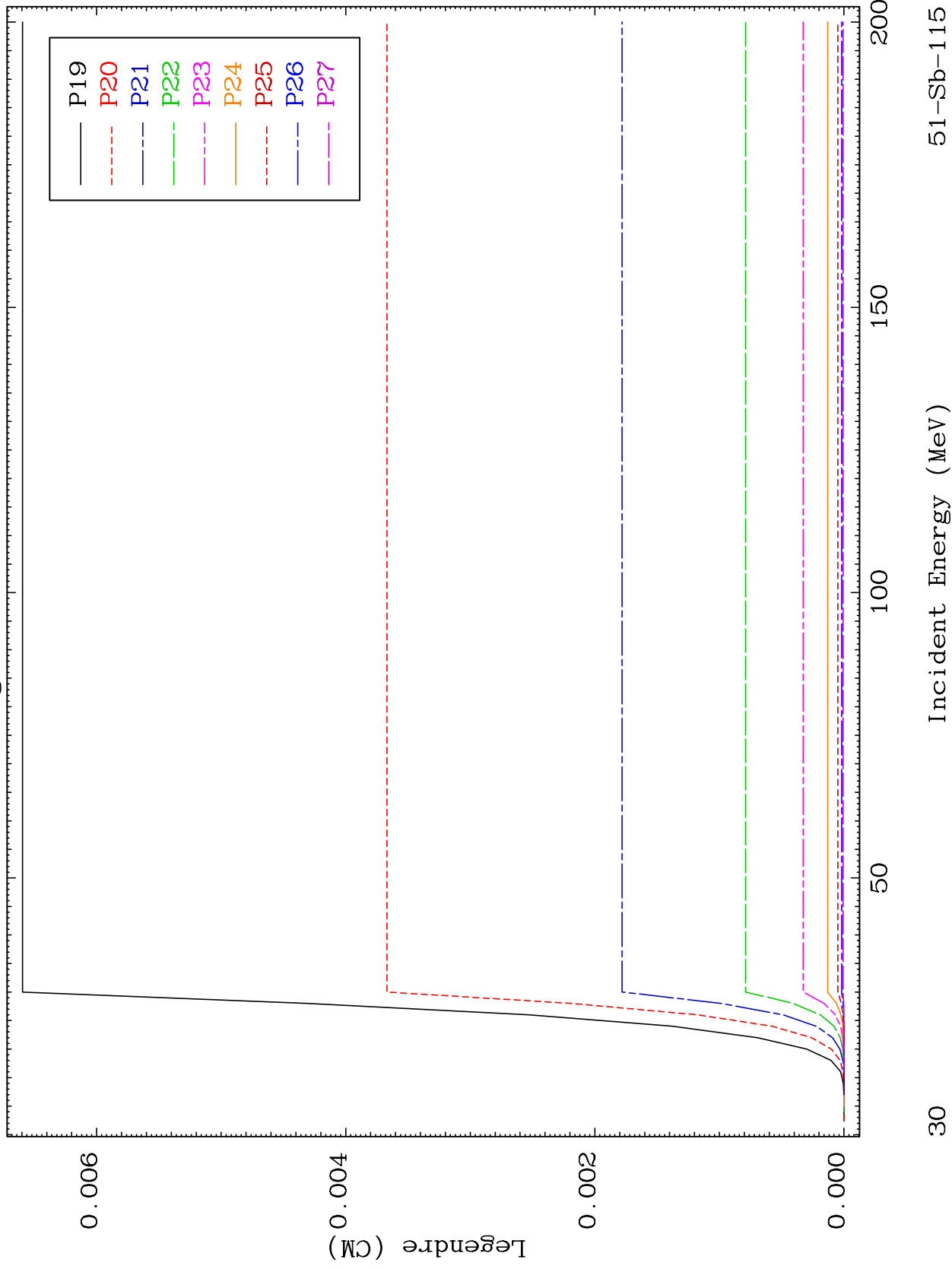
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

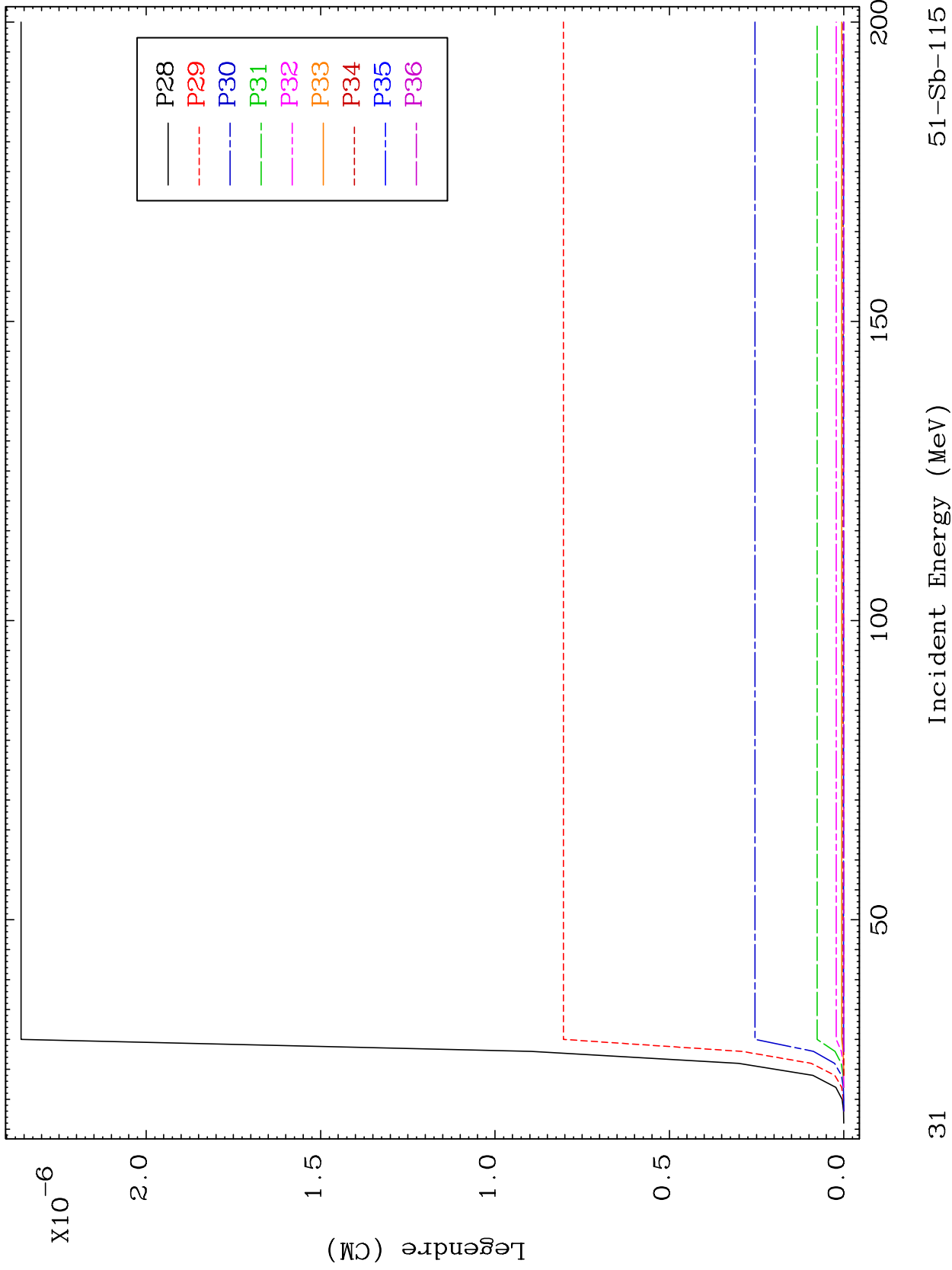
Incident Energy (MeV)

30

MAT 5107

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

51-Sb-115



31

Incident Energy (MeV)

51-Sb-115

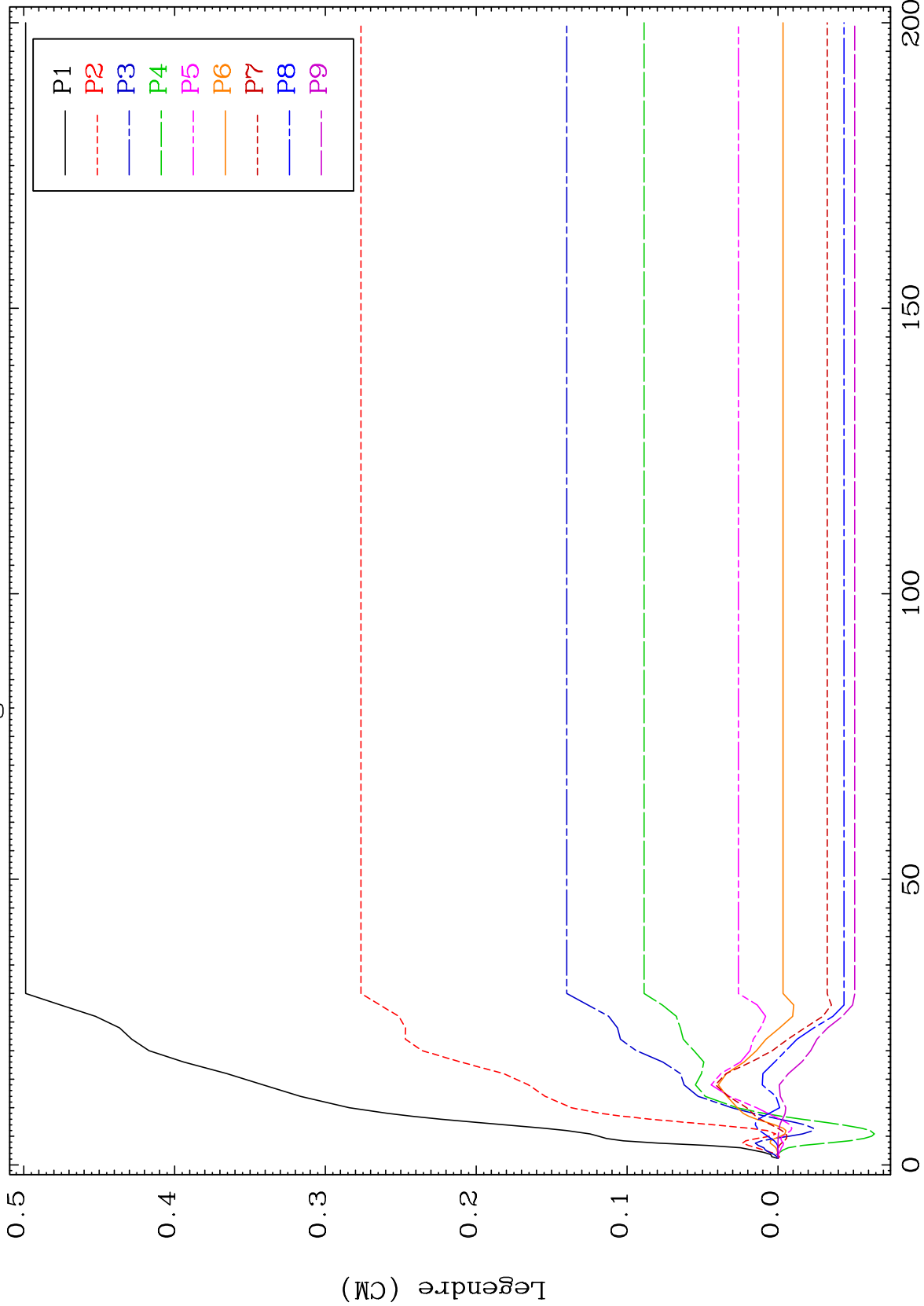


MAT 5107

MT= 54 (n,n') Level

51-Sb-115

Legendre Coefficients



51-Sb-115

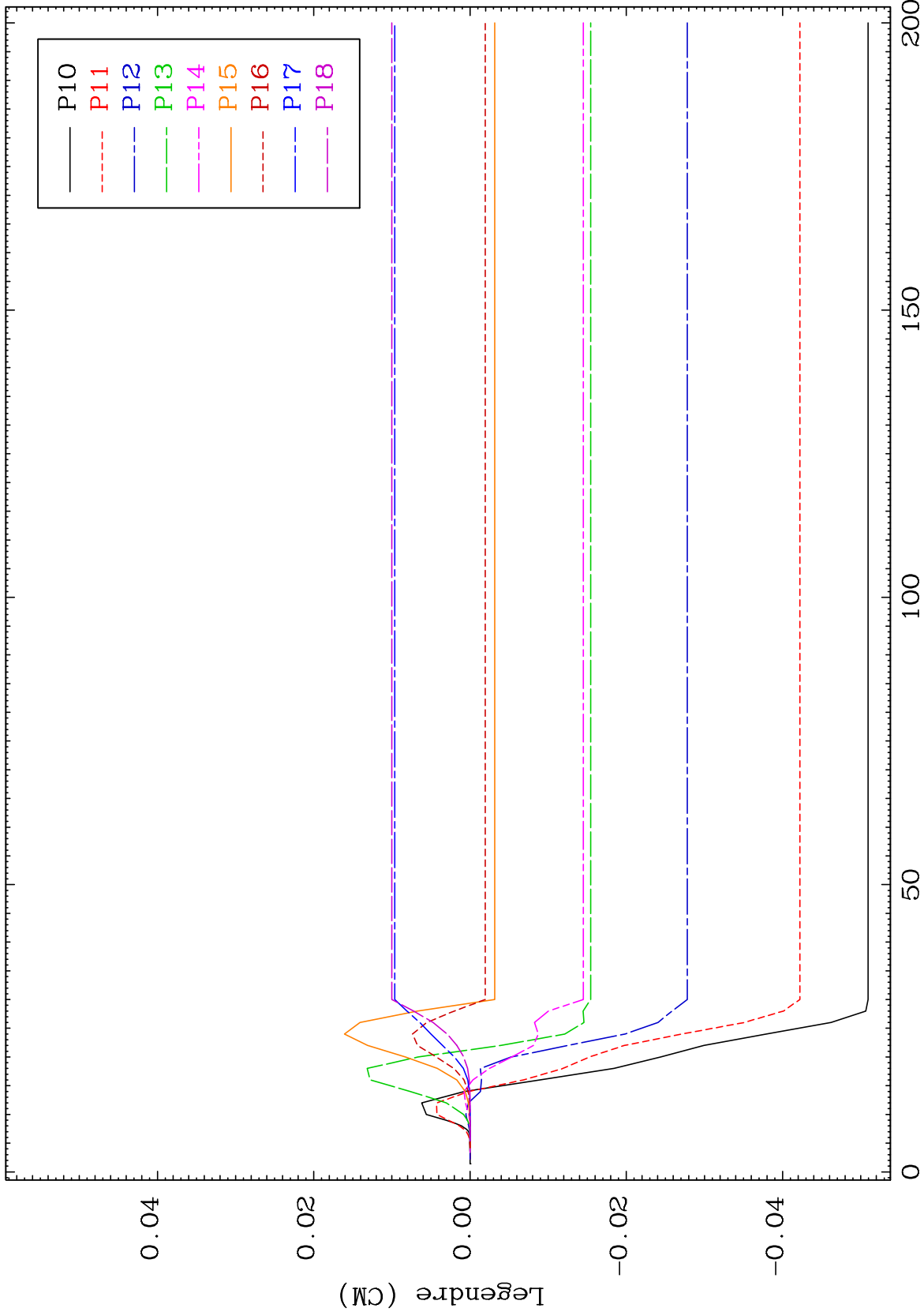
Incident Energy (MeV)

32

MAT 5107

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

51-Sb-115



33

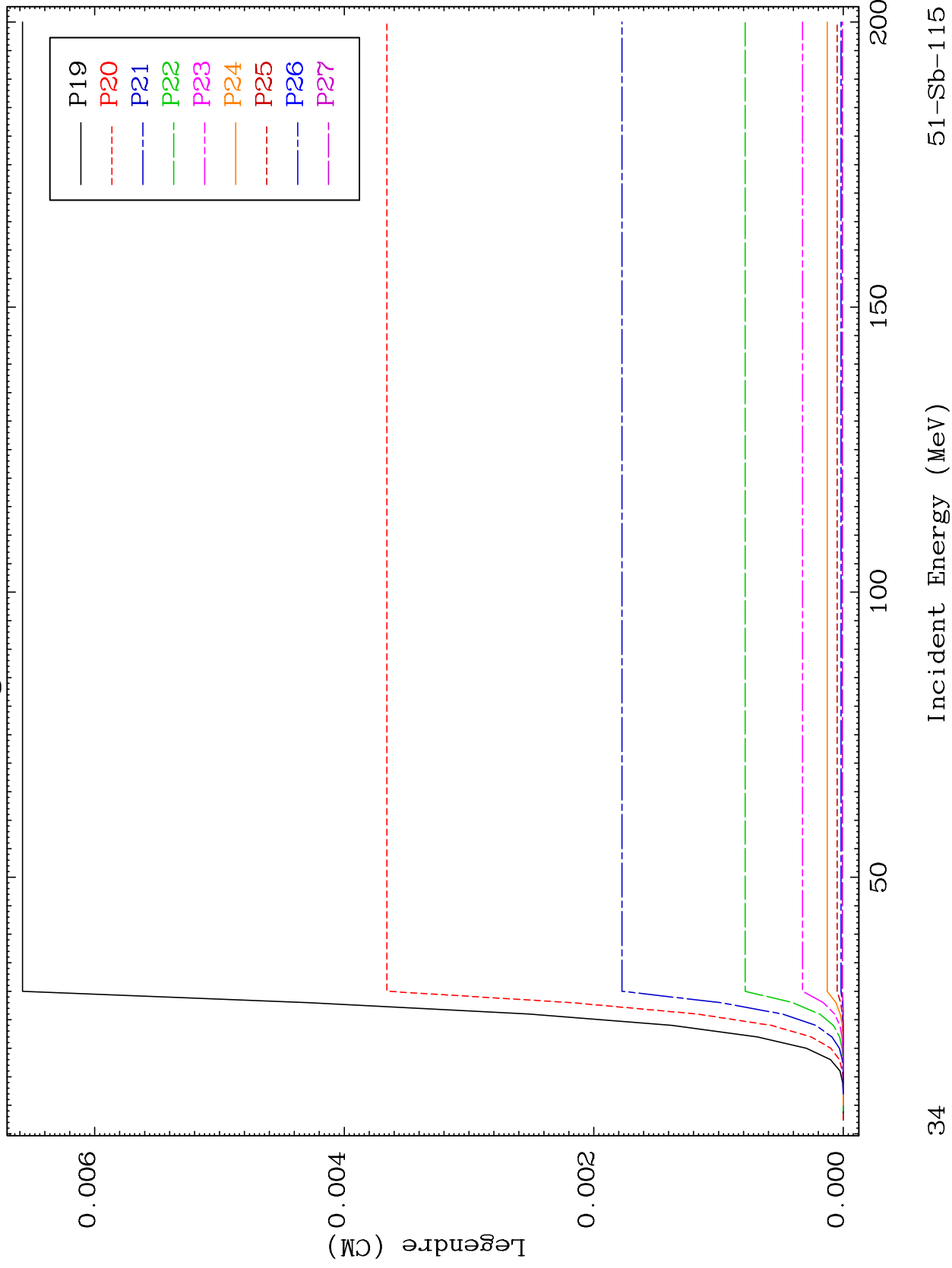
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



34

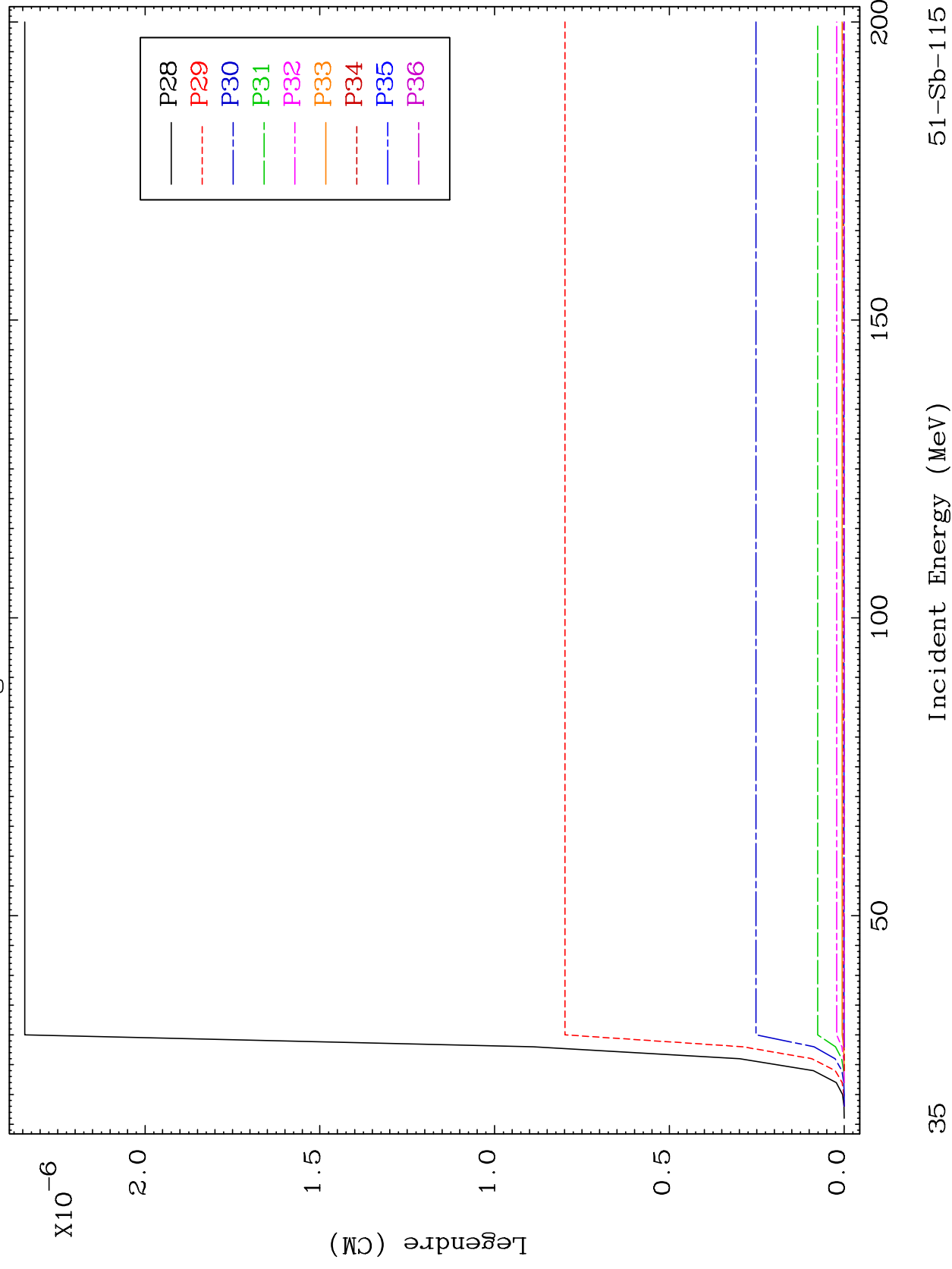
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



35

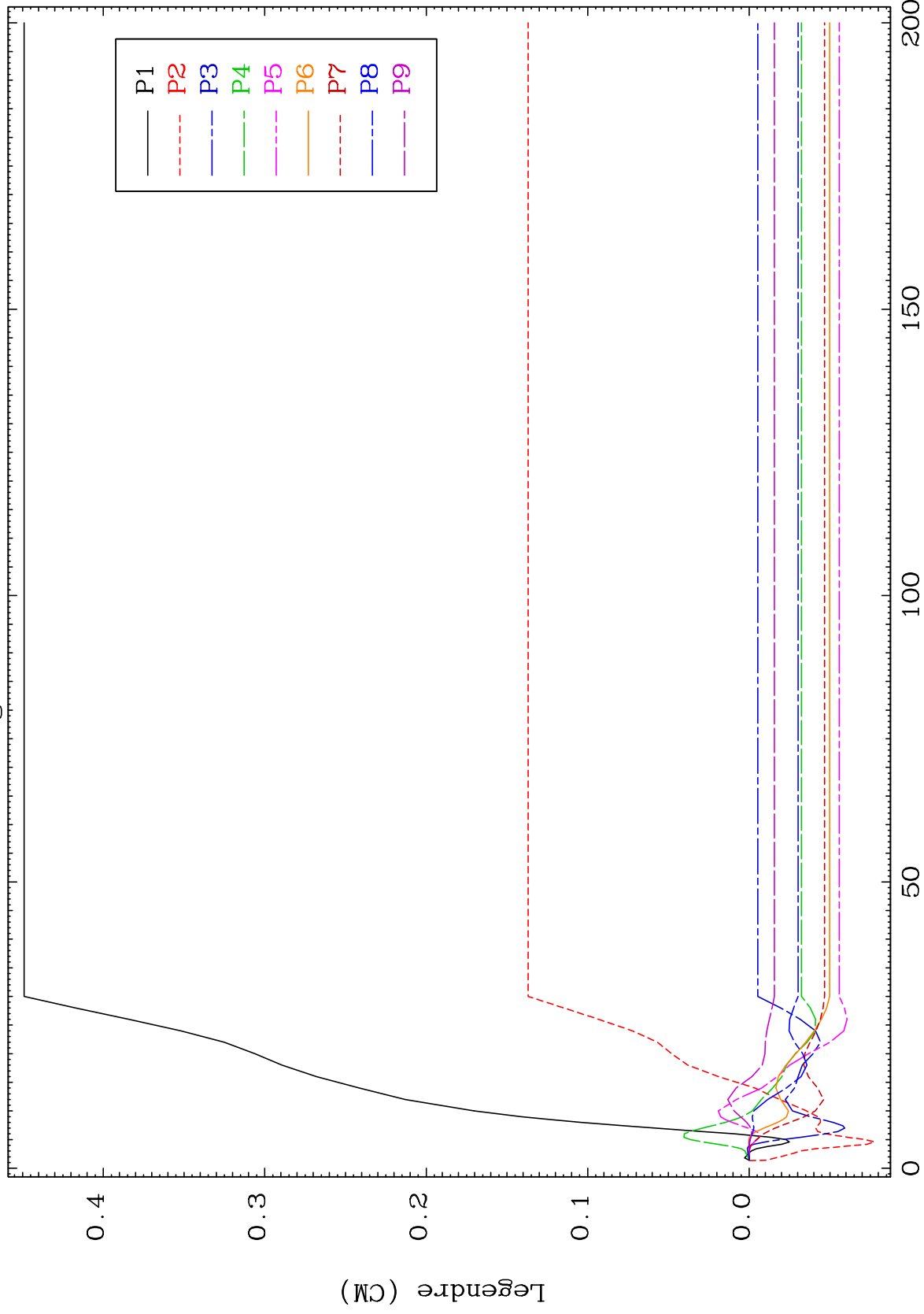
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

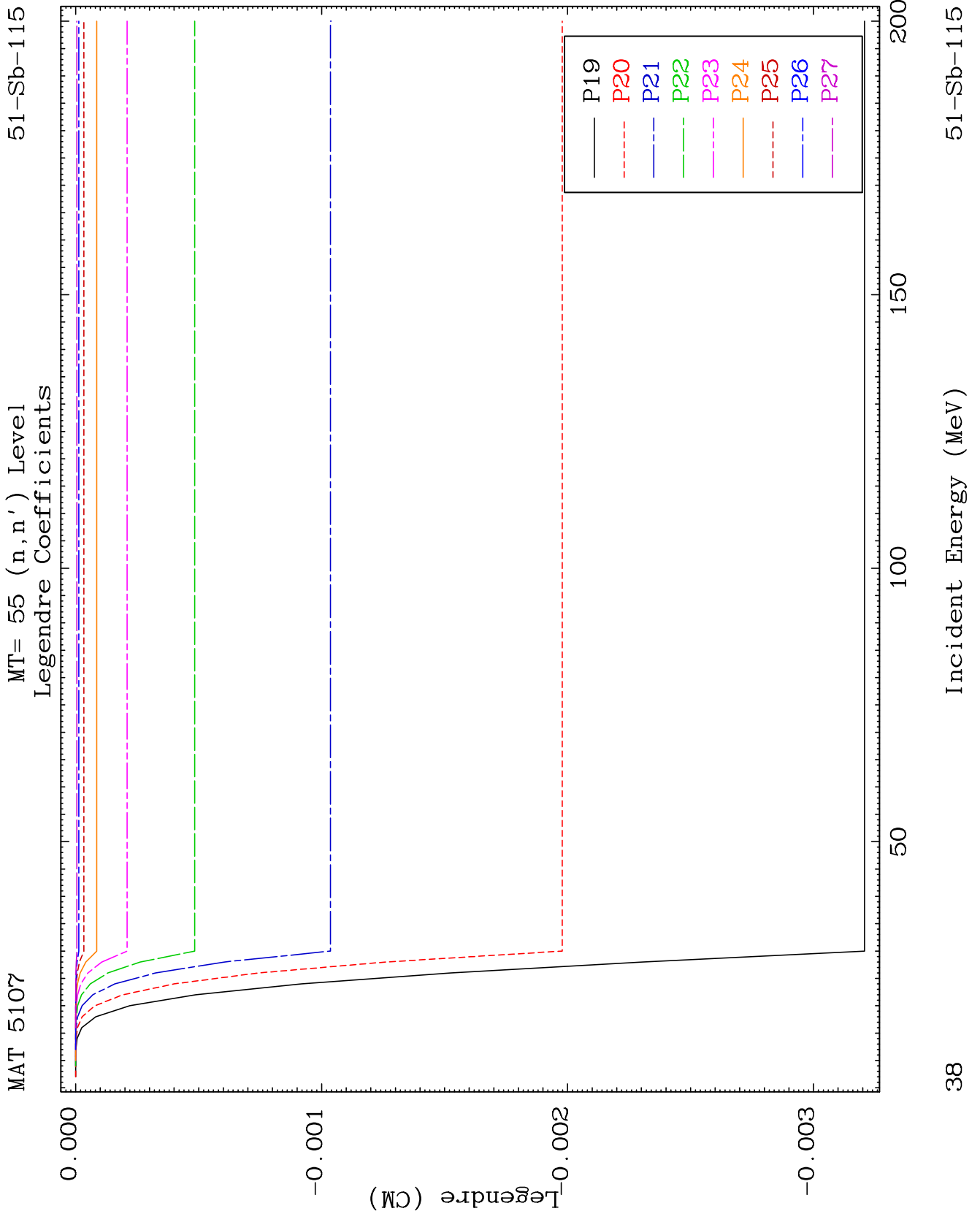


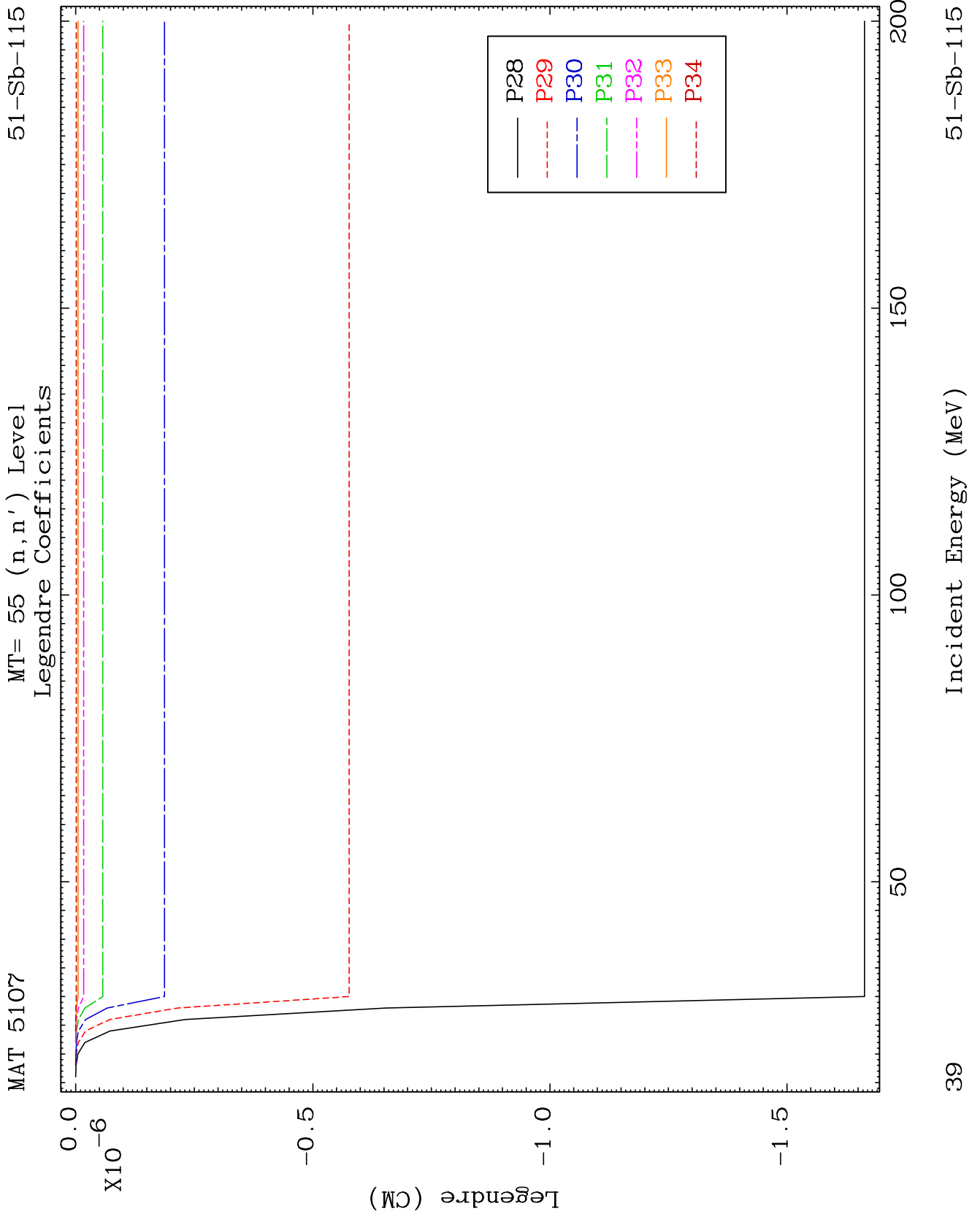
36

Incident Energy (MeV)

51-Sb-115





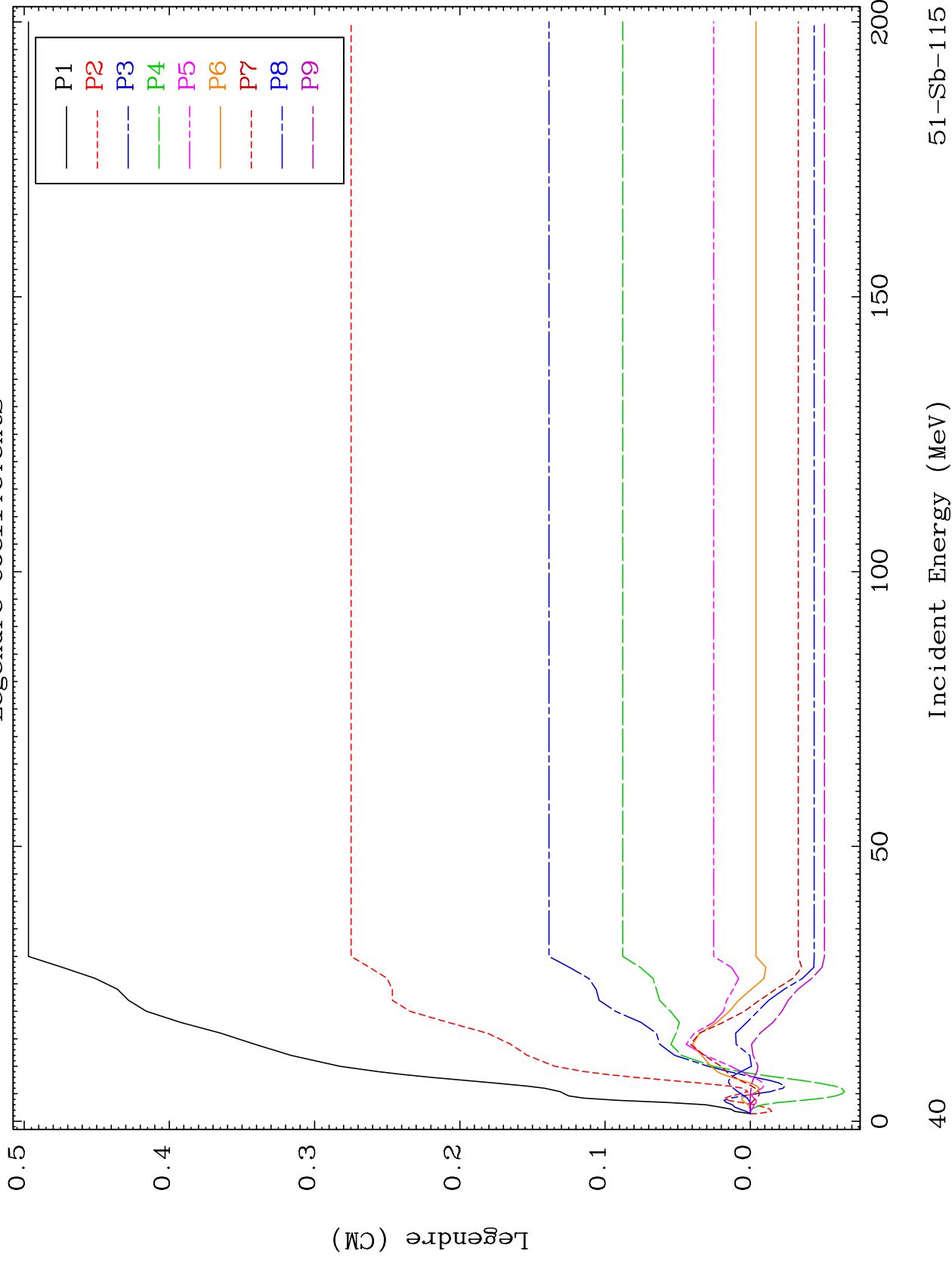




MAT 5107

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

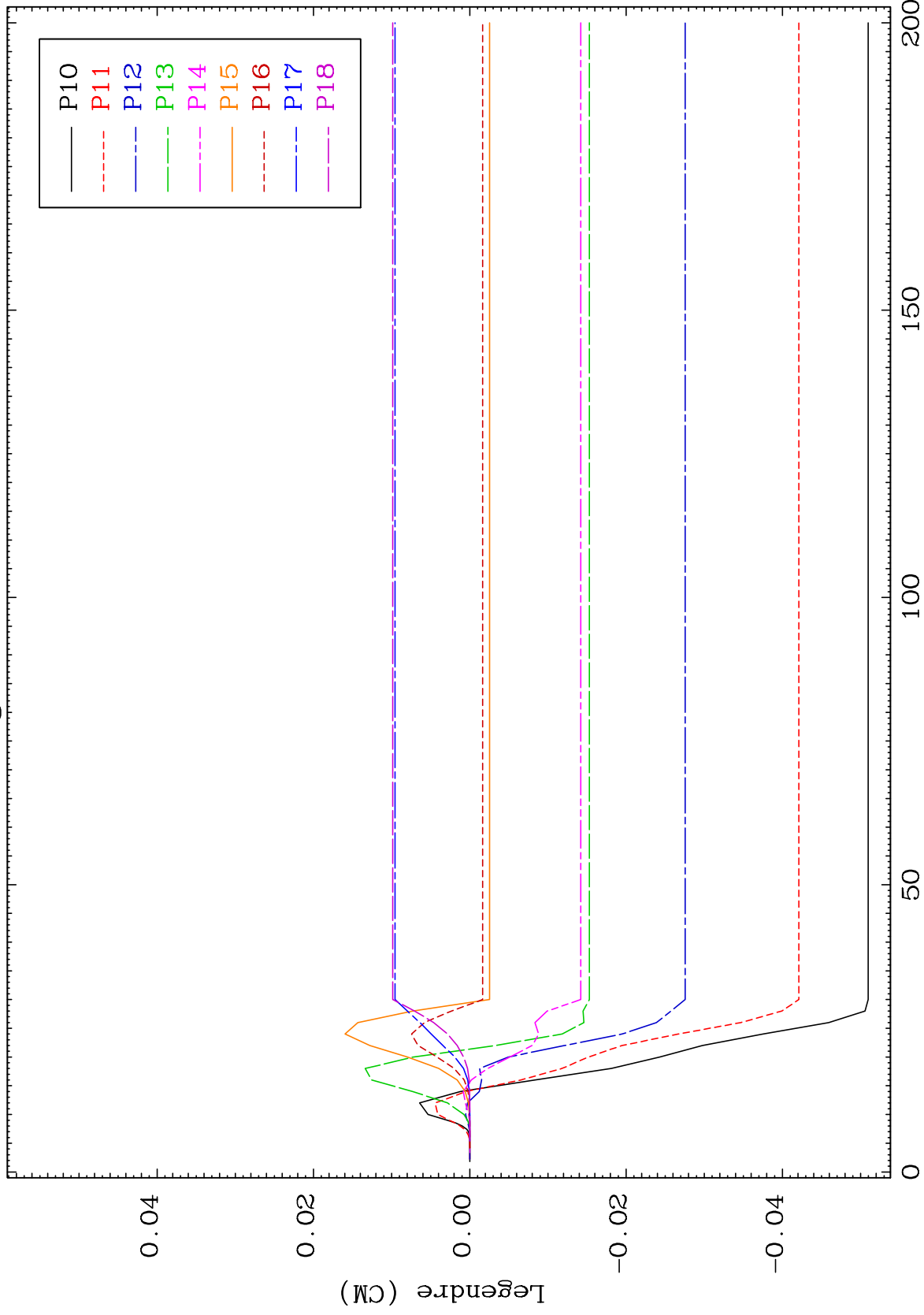
51-Sb-115



MAT 5107

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

51-Sb-115



41

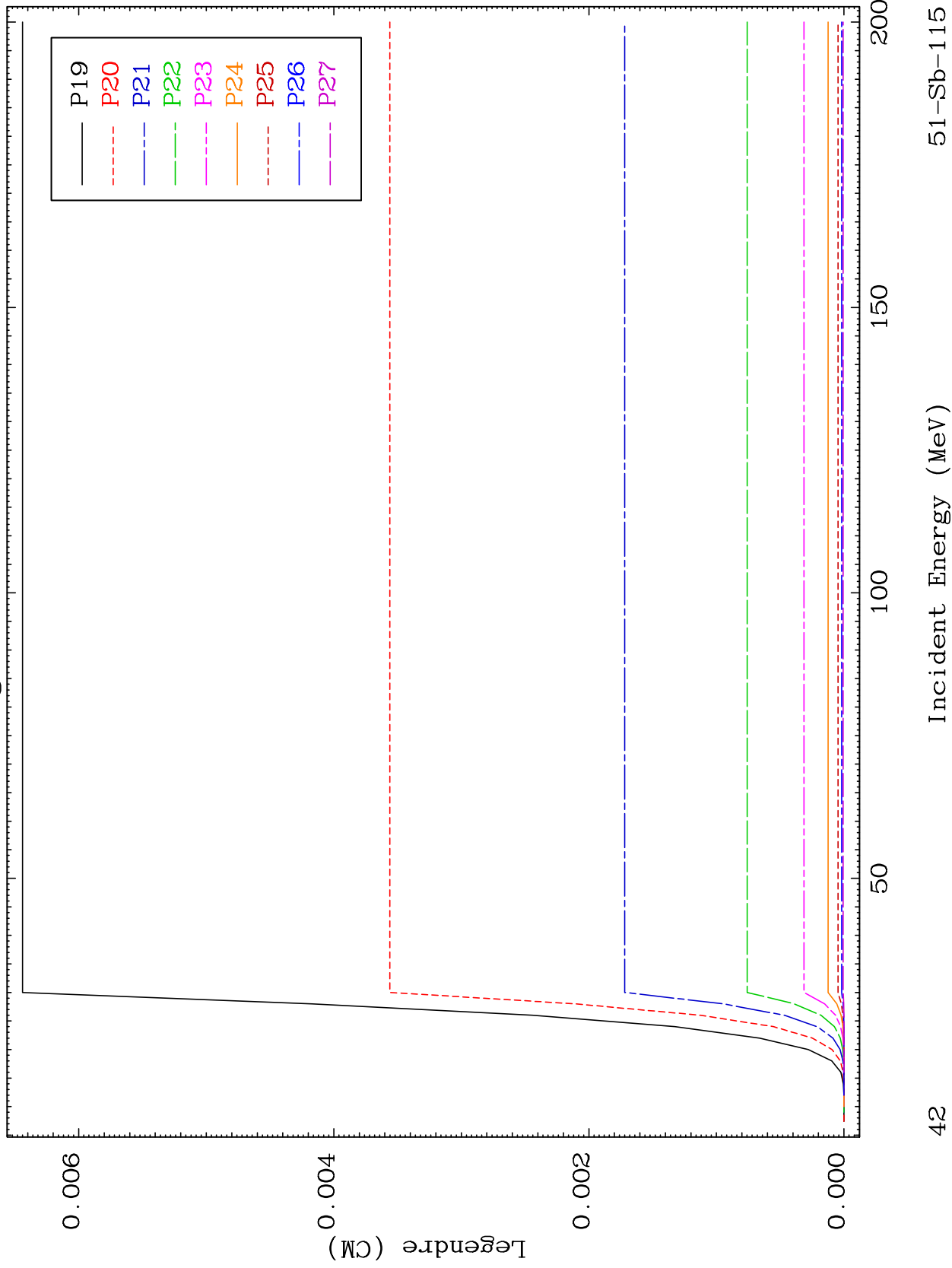
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



42

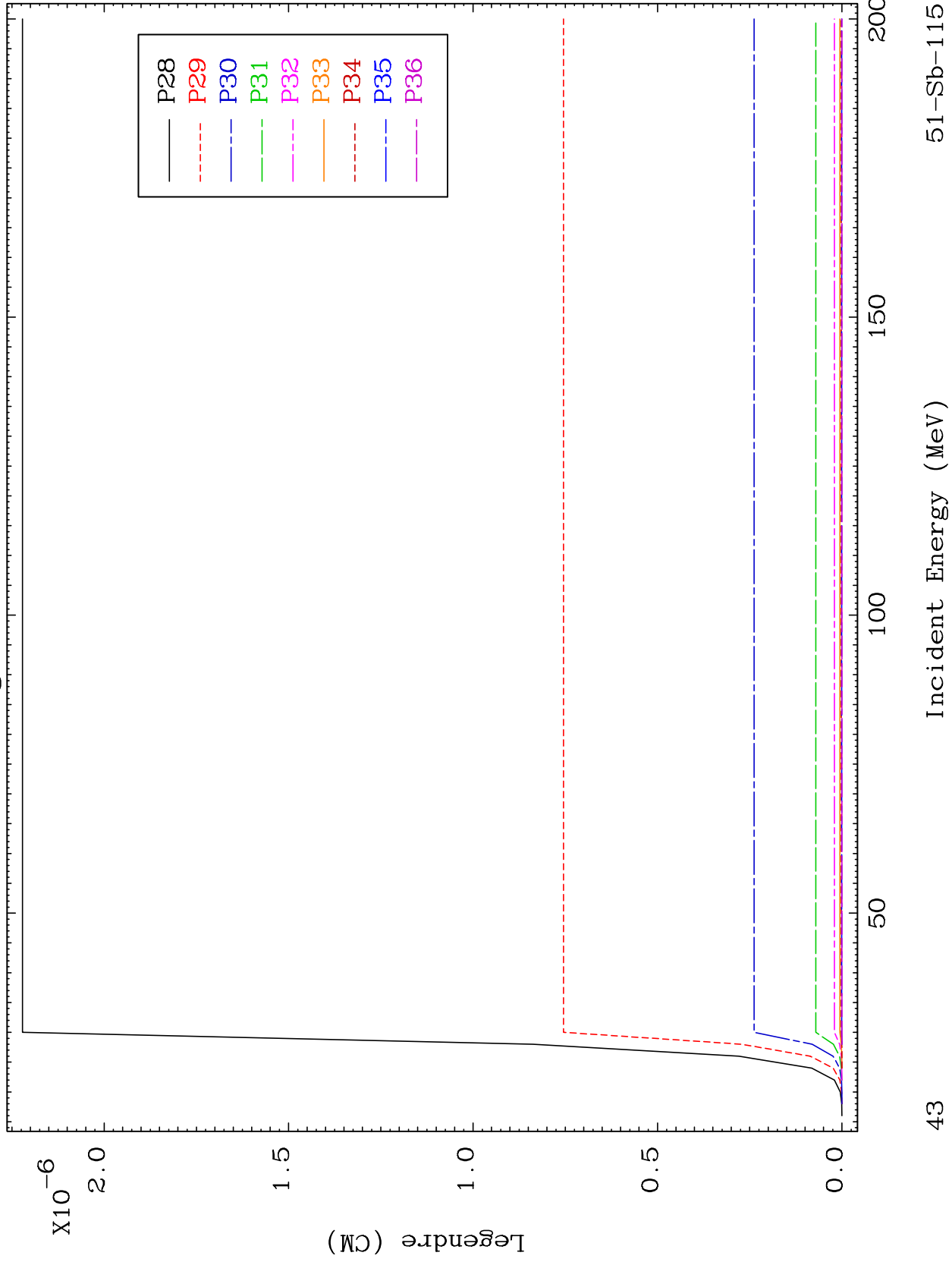
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

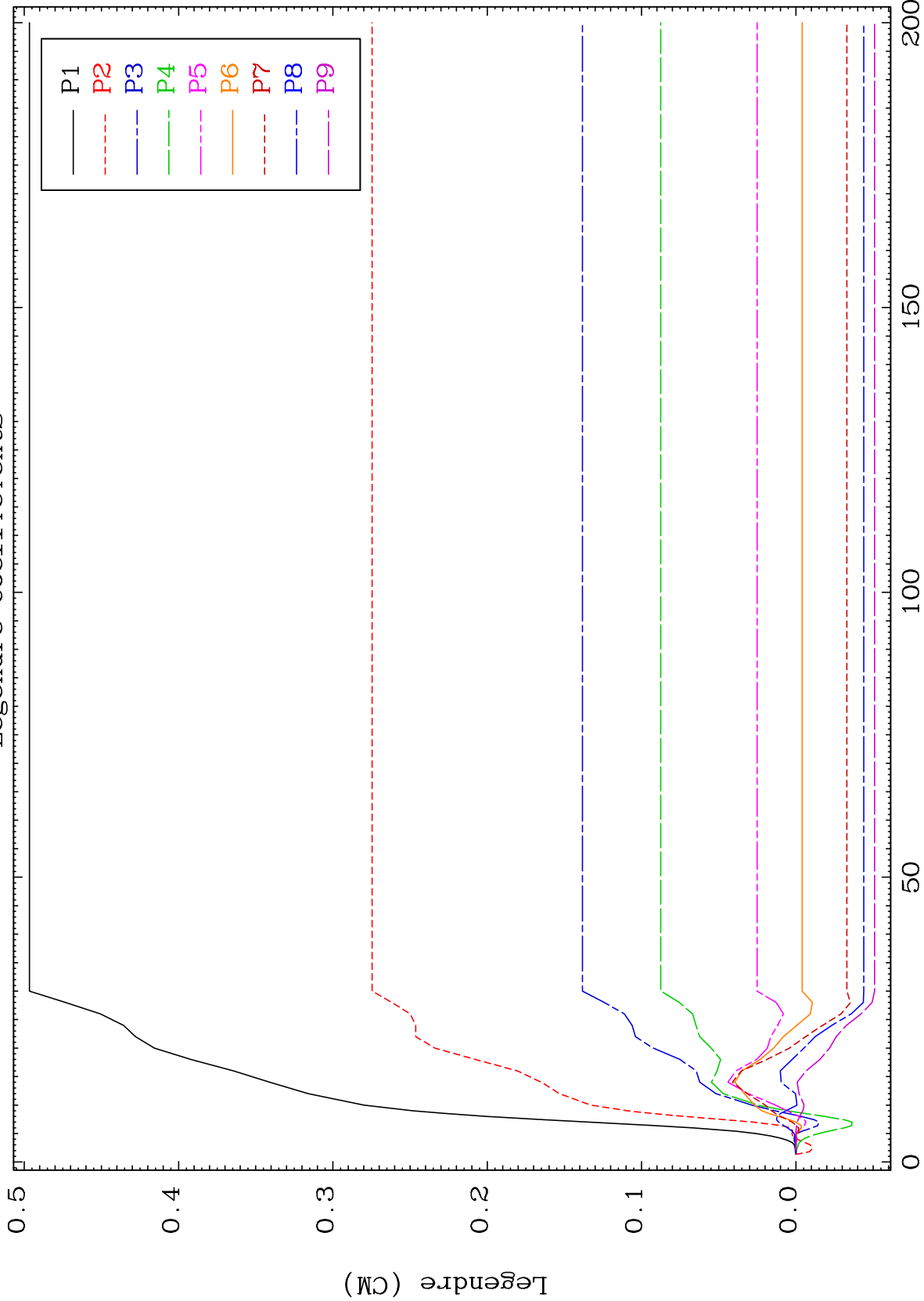


MAT 5107

MT= 57 (n,n') Level

51-Sb-115

Legendre Coefficients



44

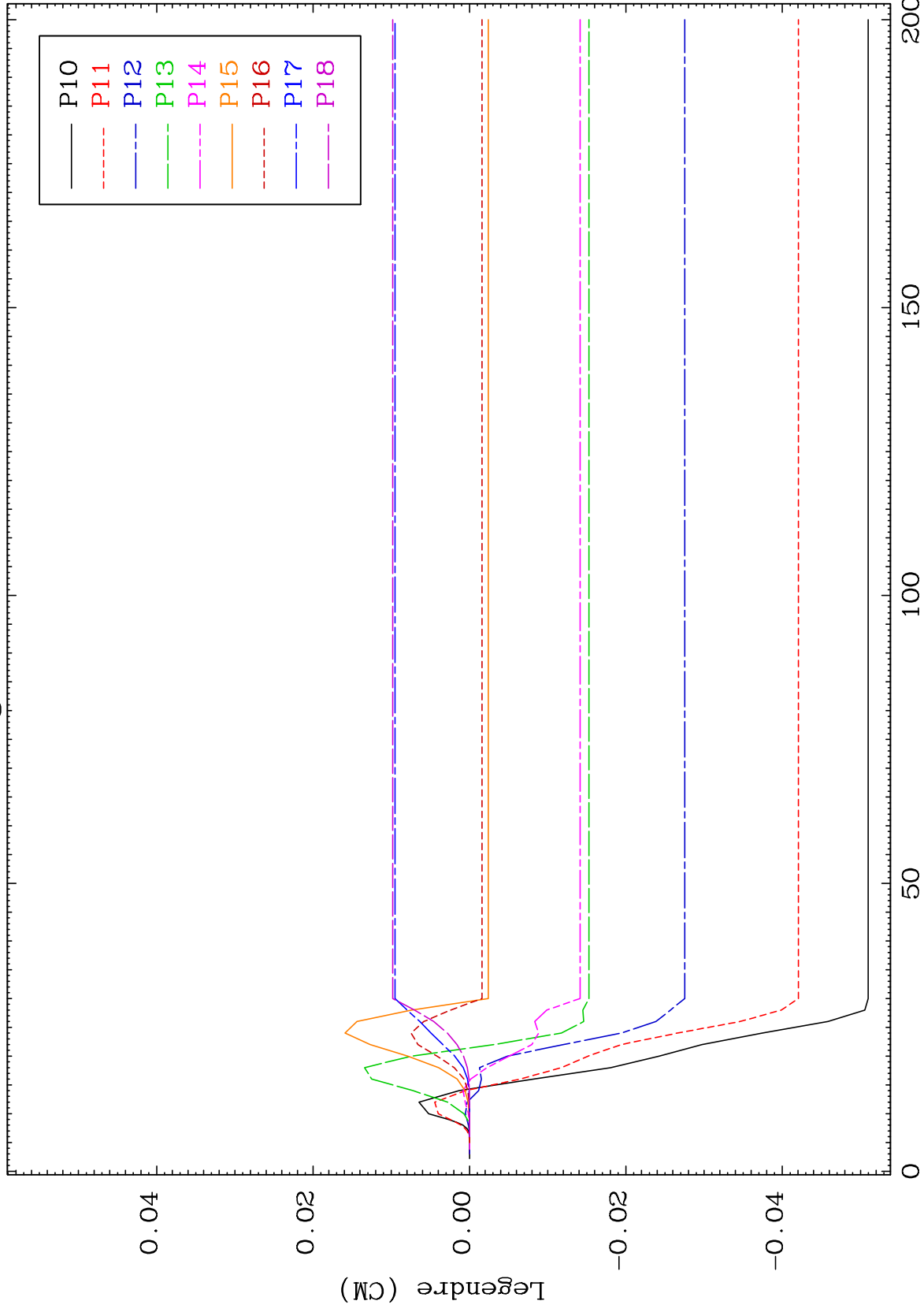
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



45

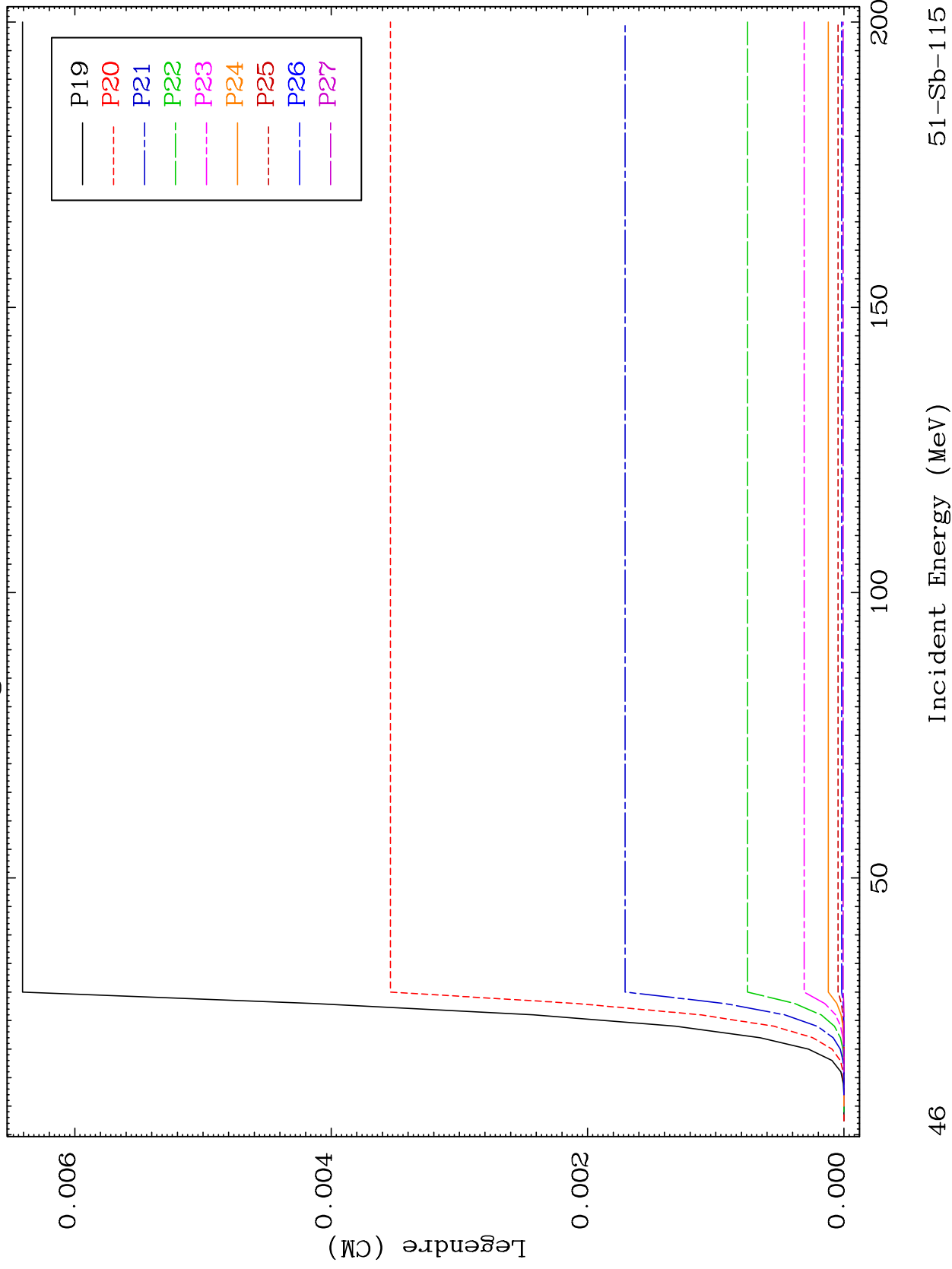
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



46

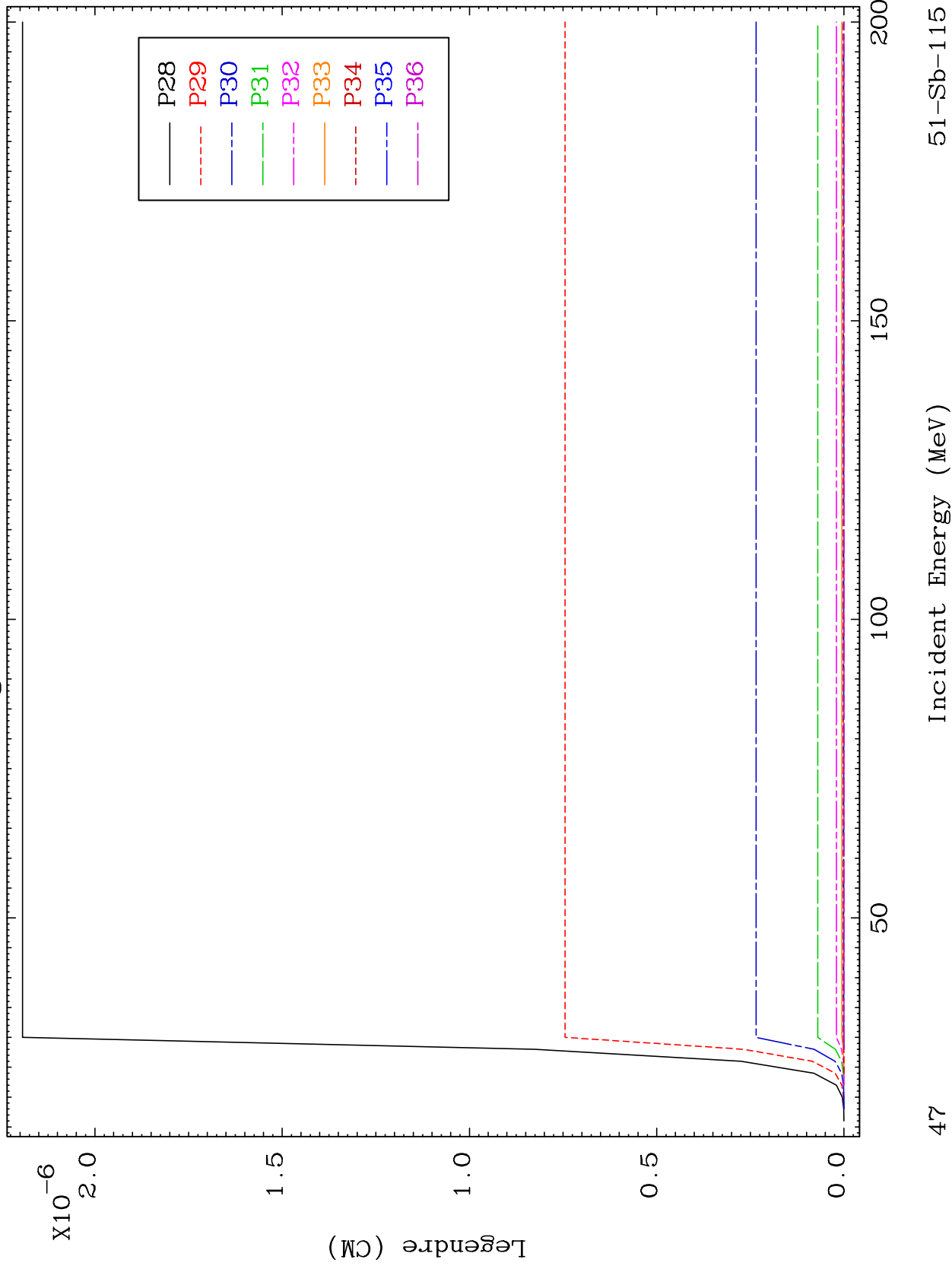
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



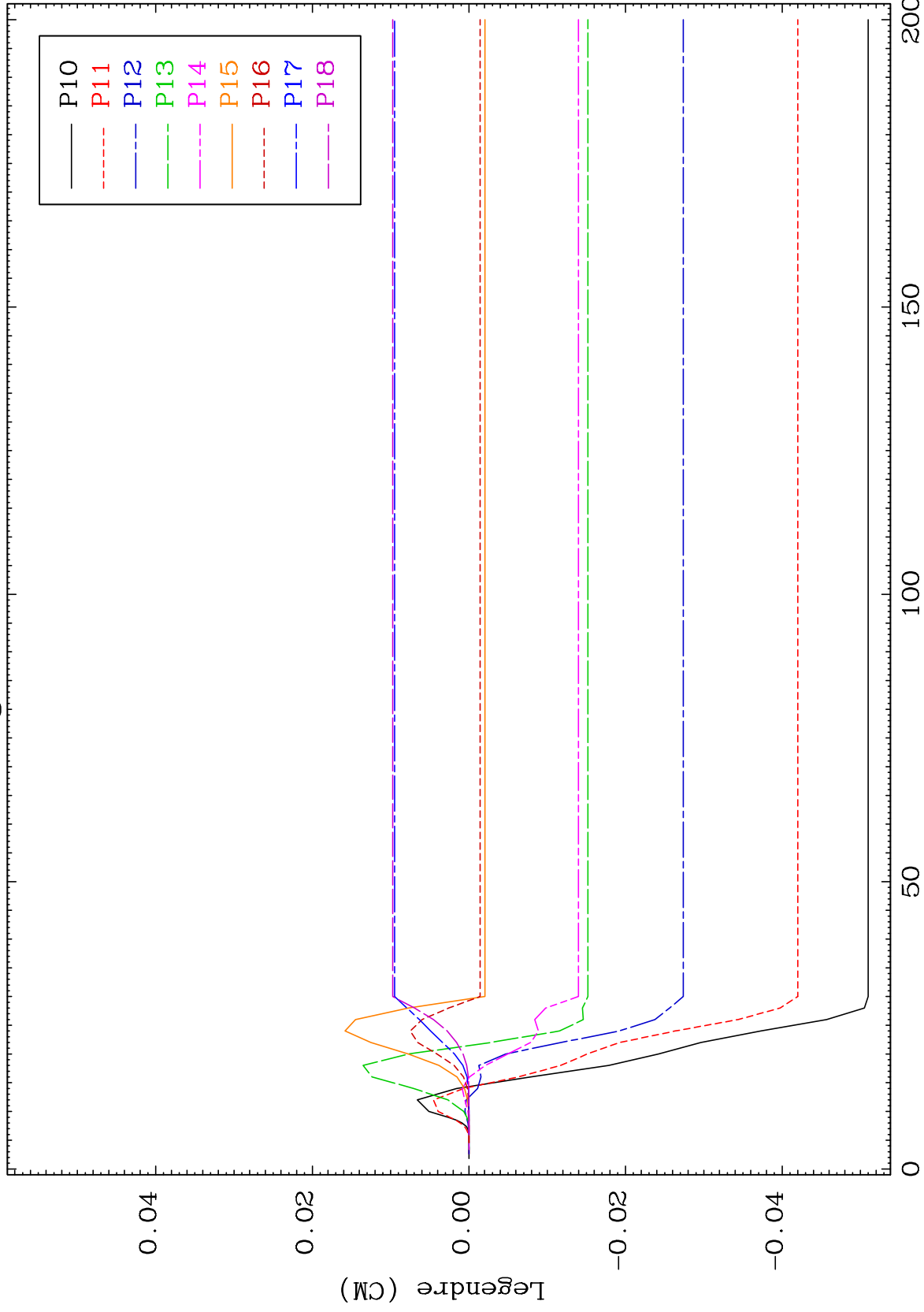




MAT 5107

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

51-Sb-115



49

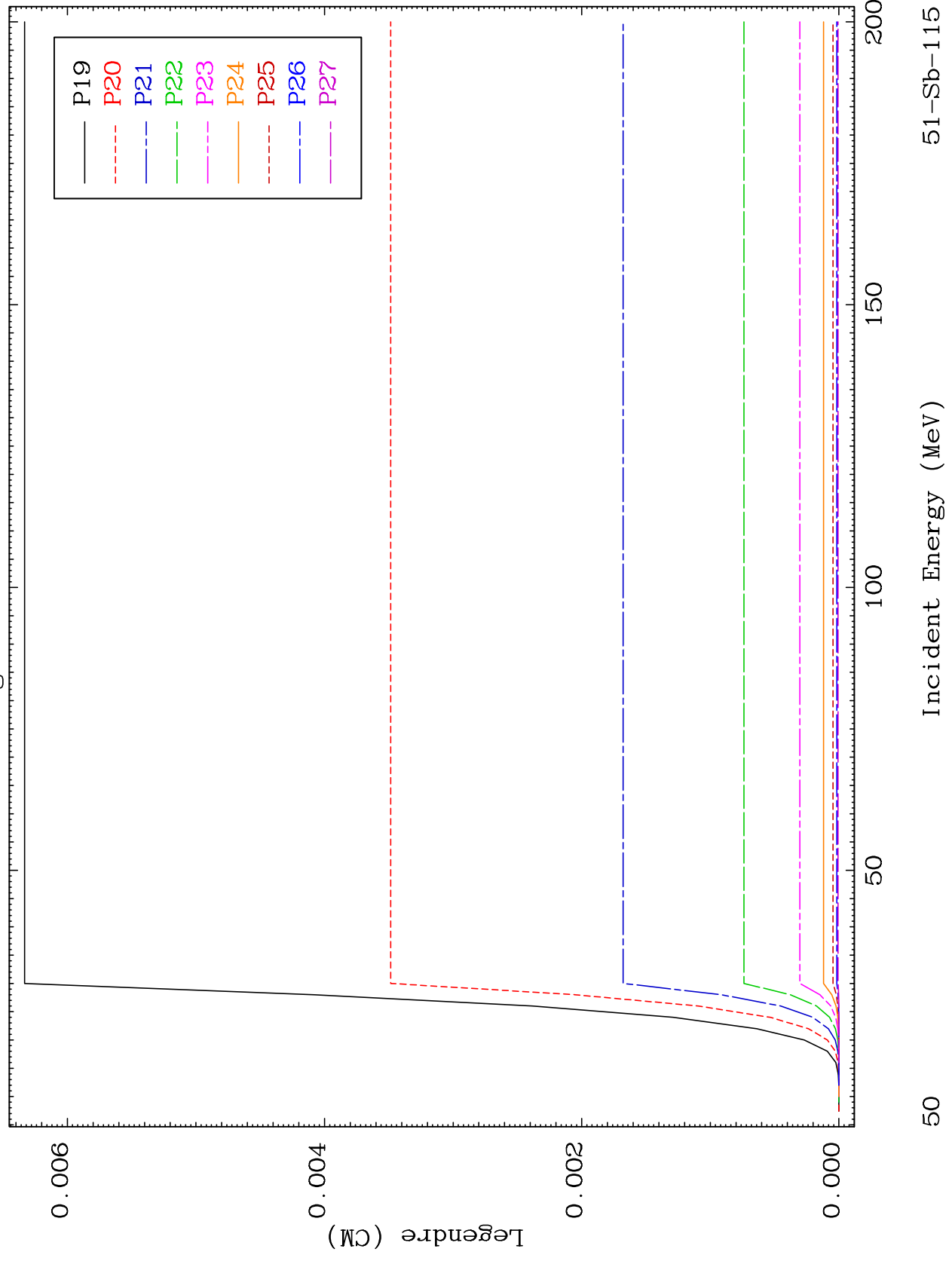
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

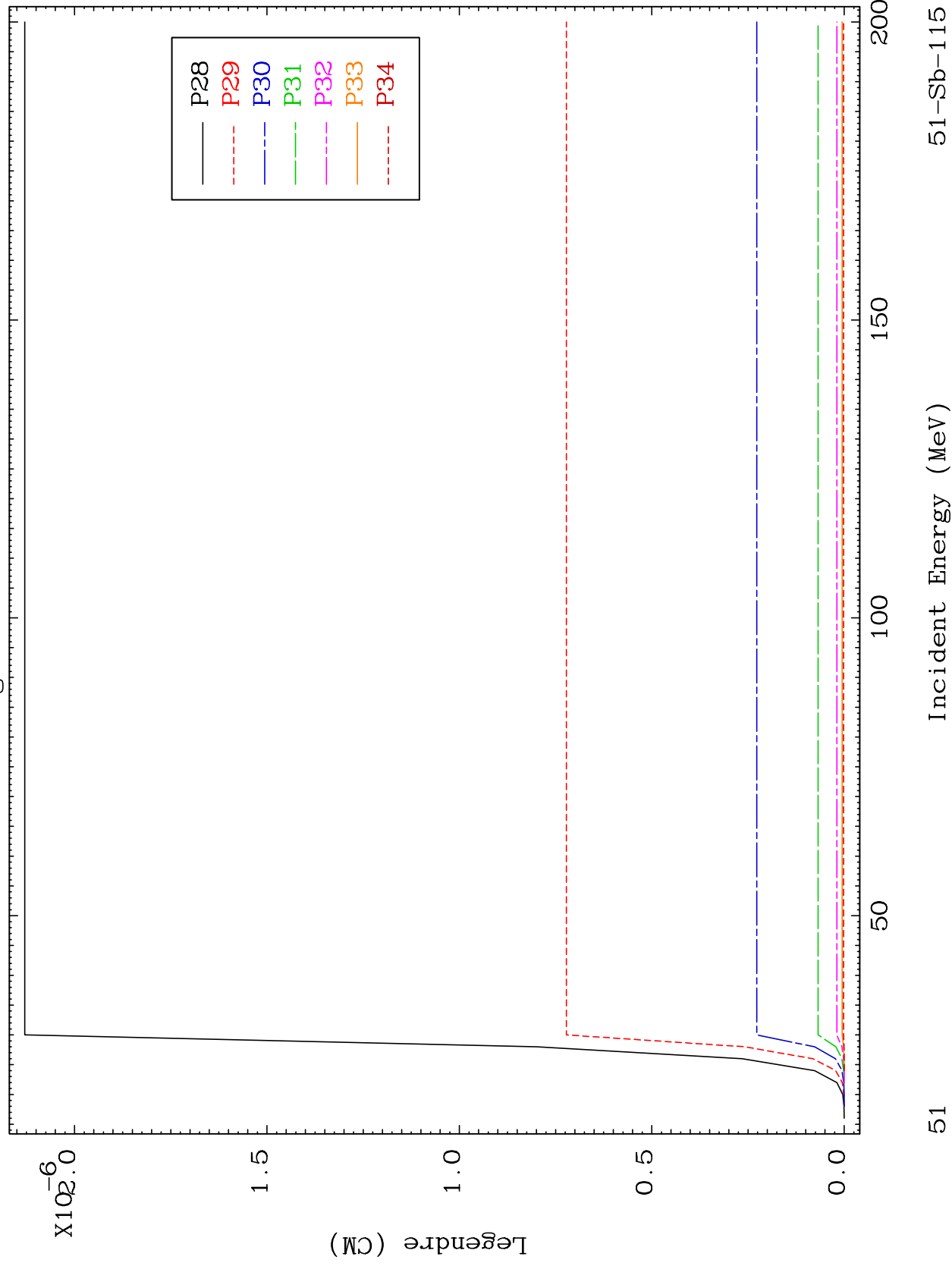
Incident Energy (MeV)

50

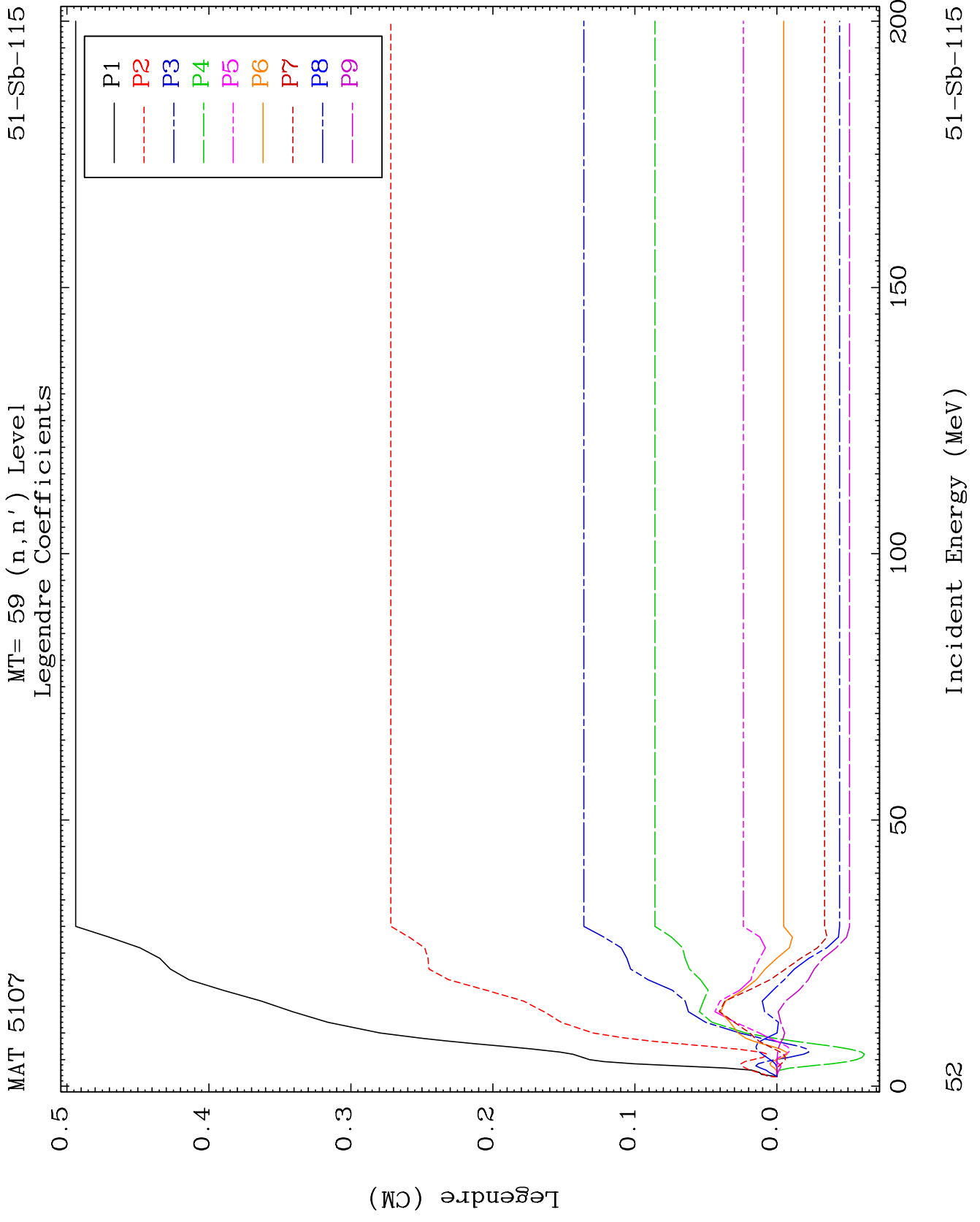
MAT 5107

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

51-Sb-115



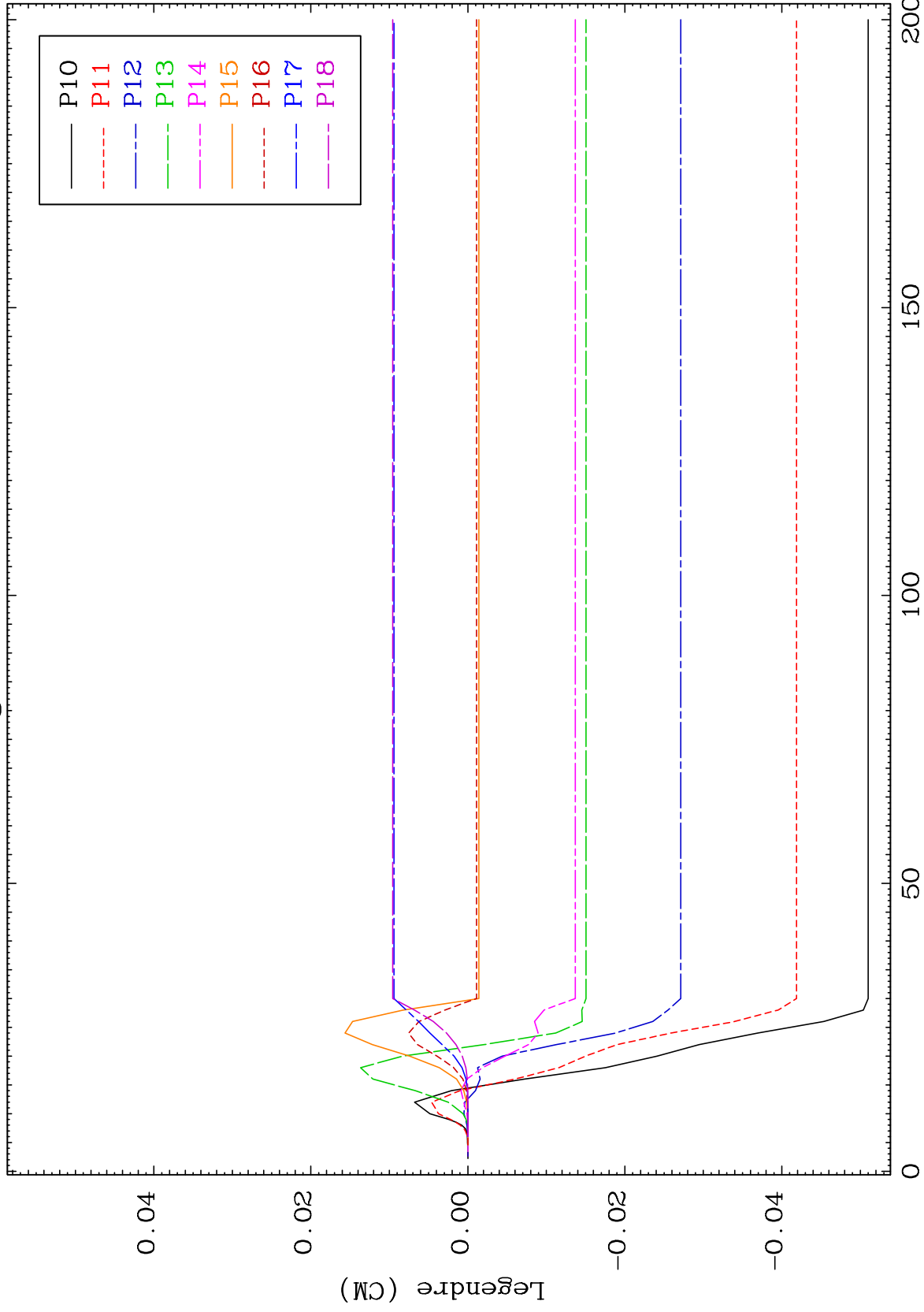
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MAT 5107

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

51-Sb-115



53

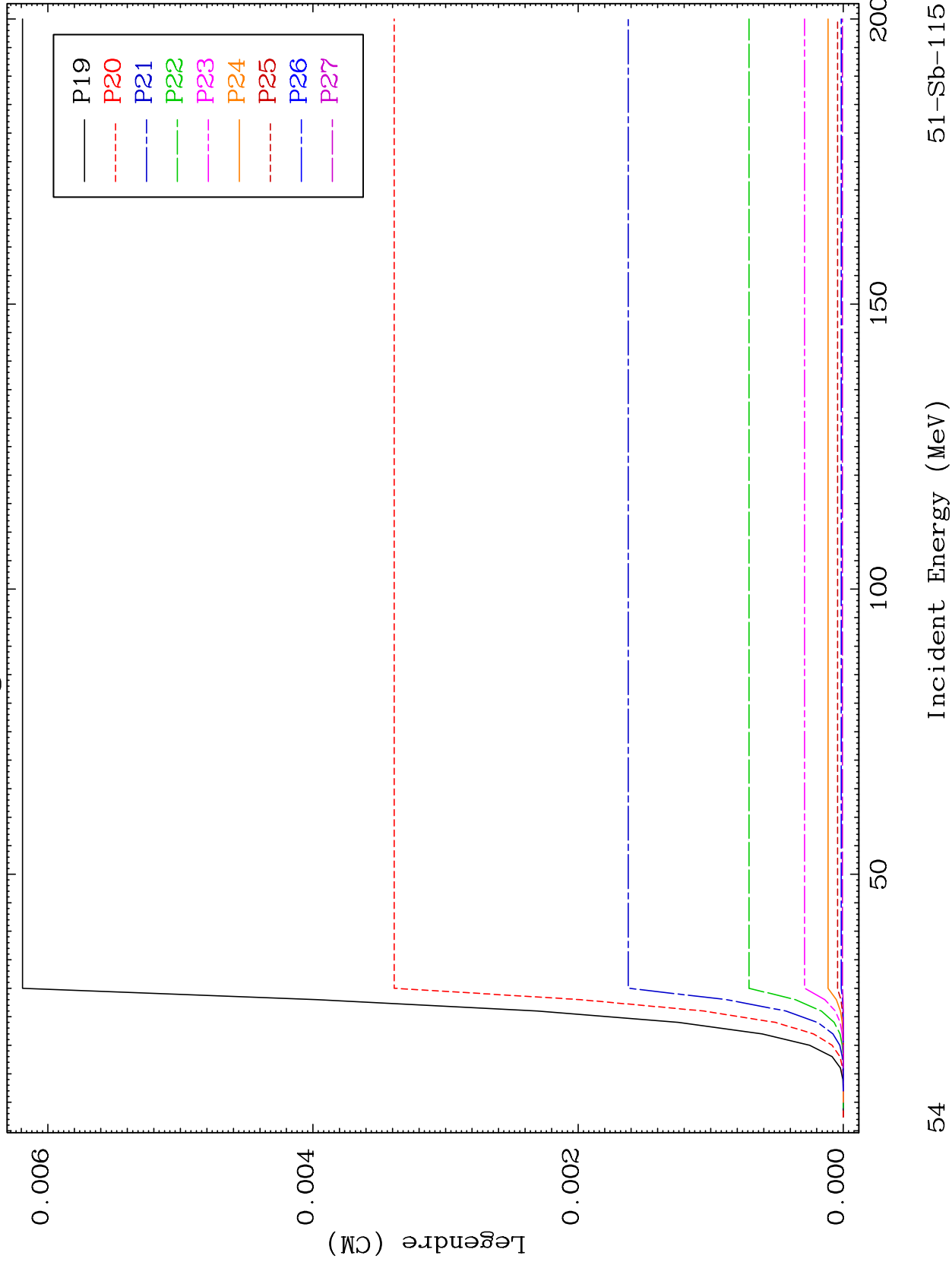
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



54

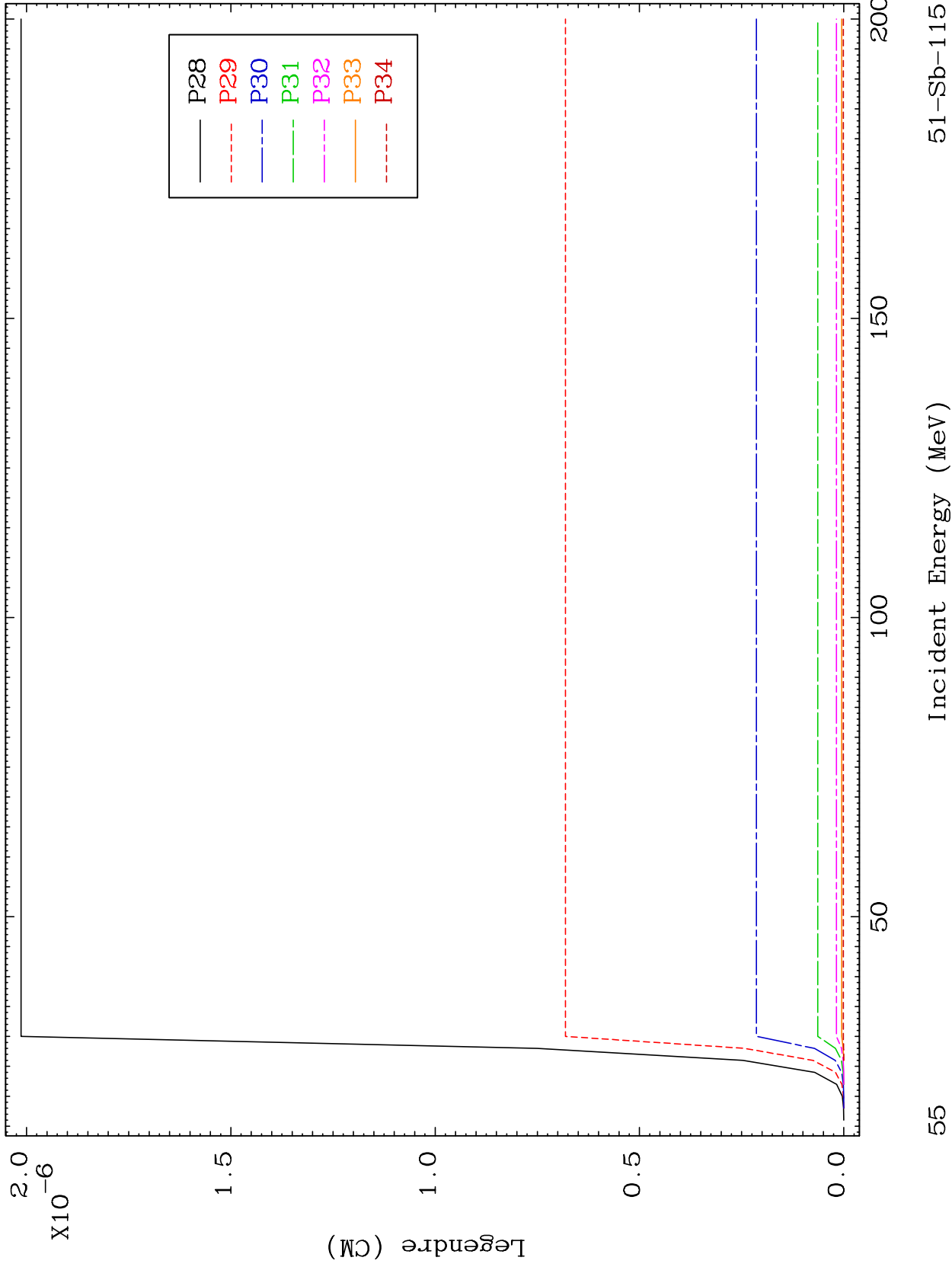
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

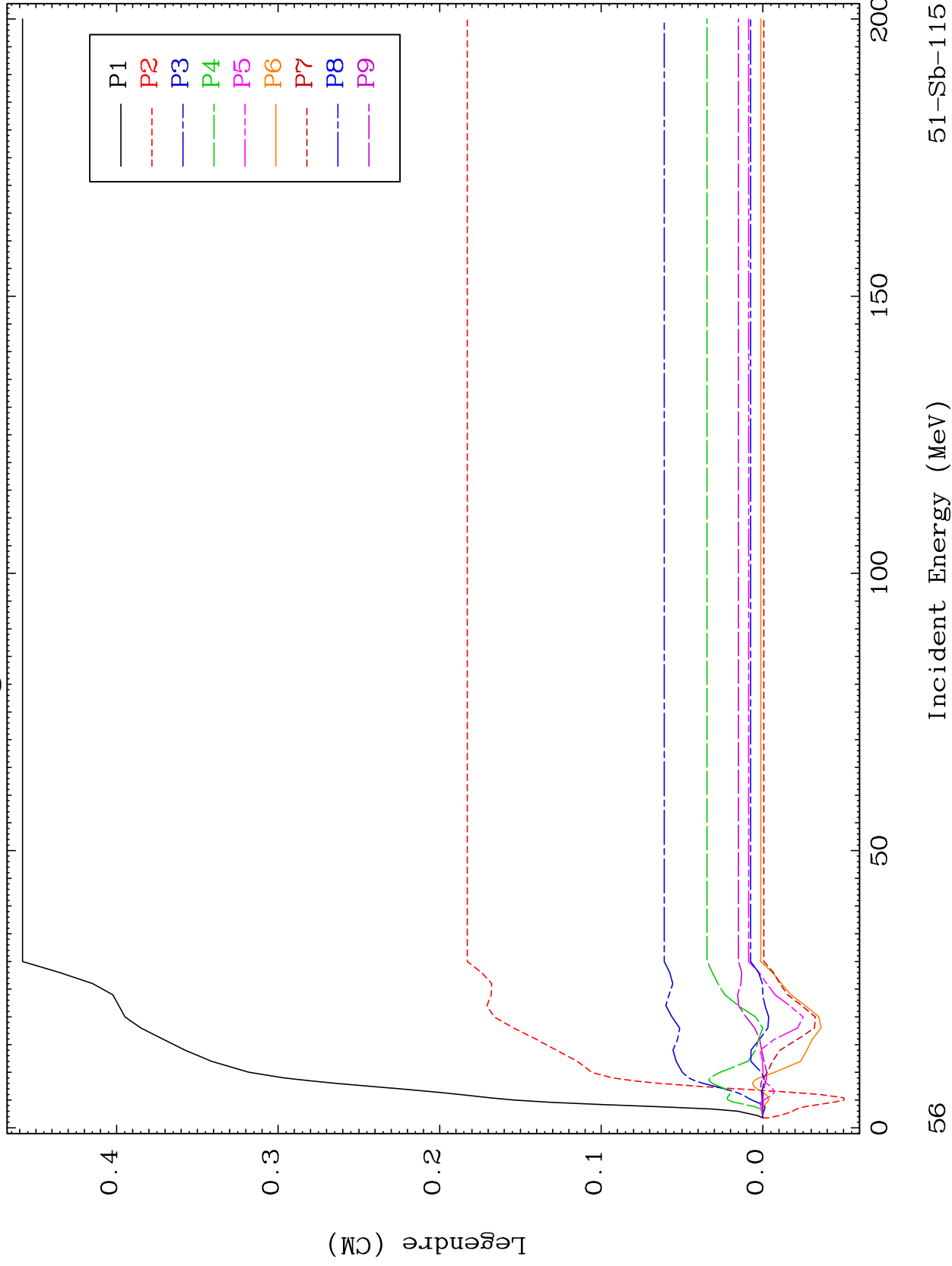




MAT 5107

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

51-Sb-115



51-Sb-115

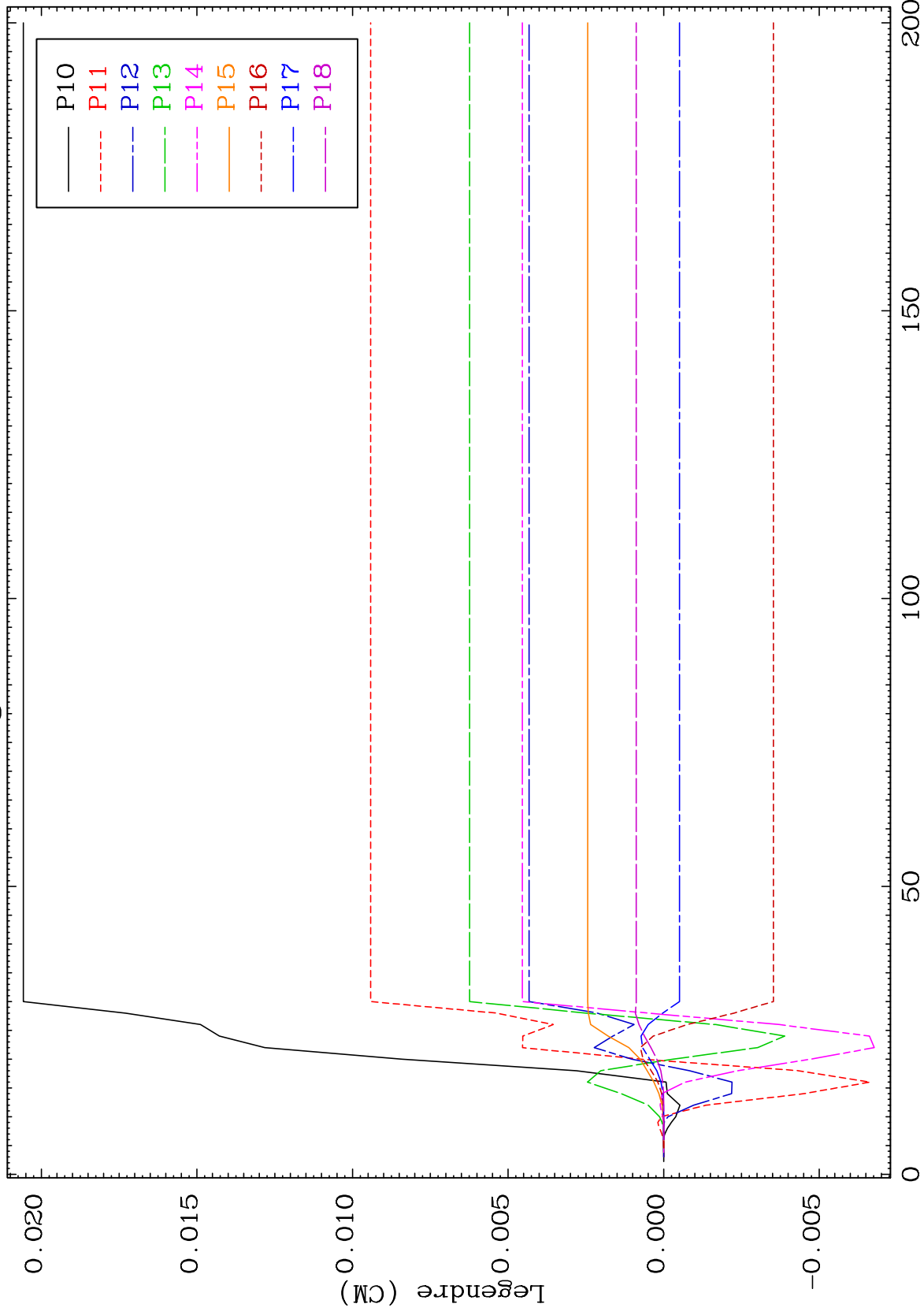
Incident Energy (MeV)

56

MAT 5107

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

51-Sb-115



57

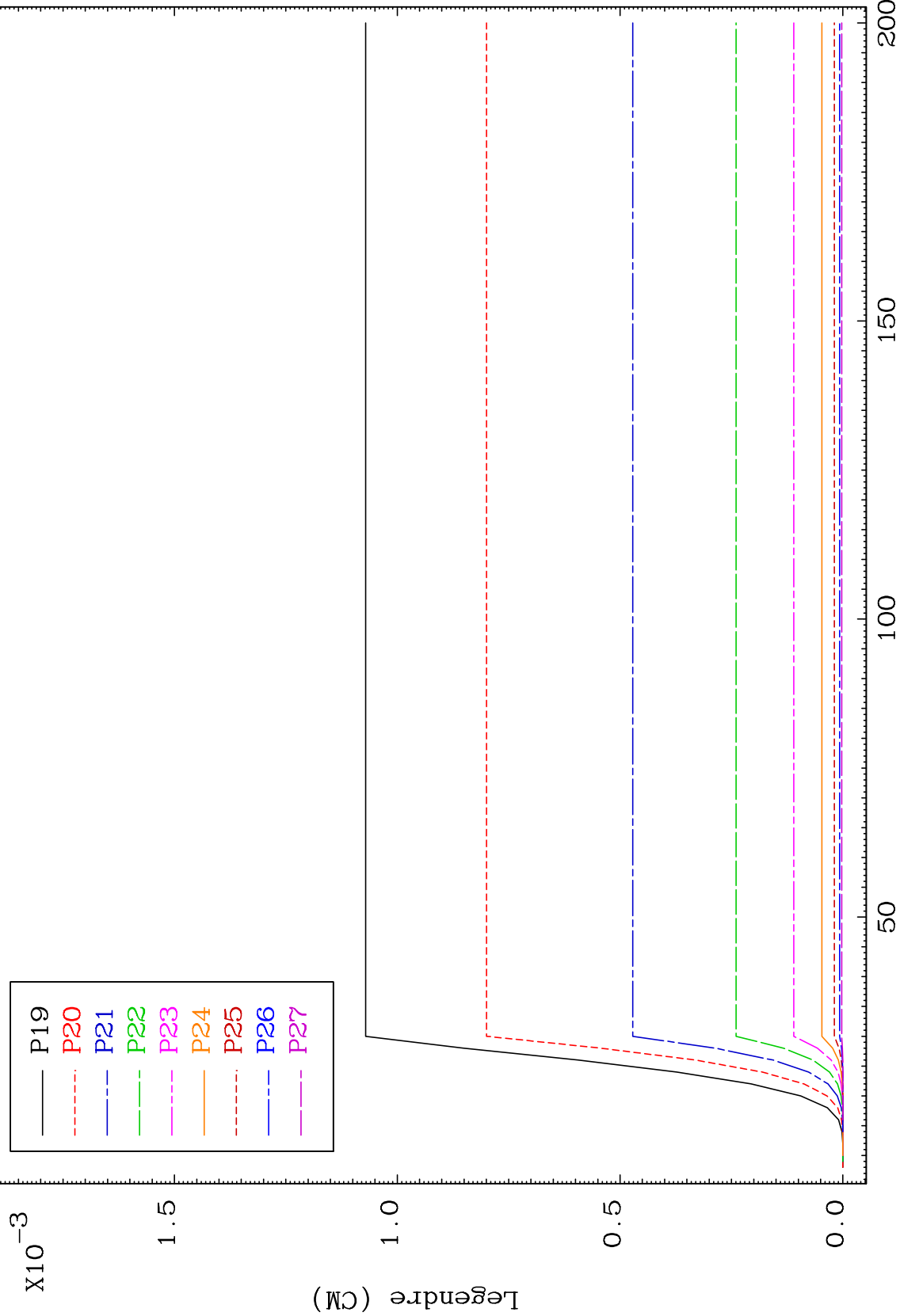
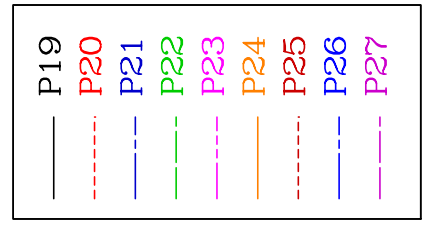
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



58

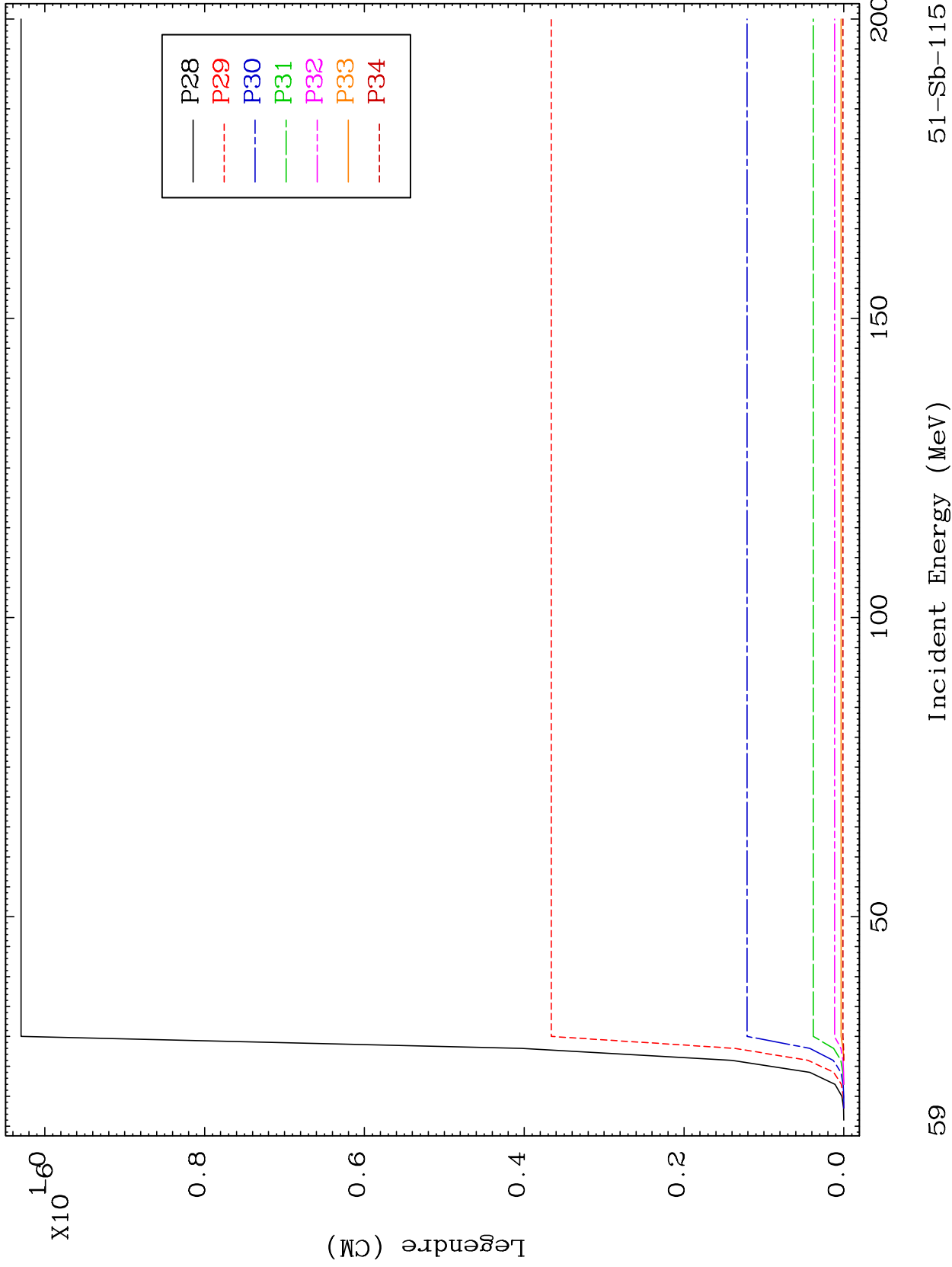
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



51-Sb-115

Incident Energy (MeV)

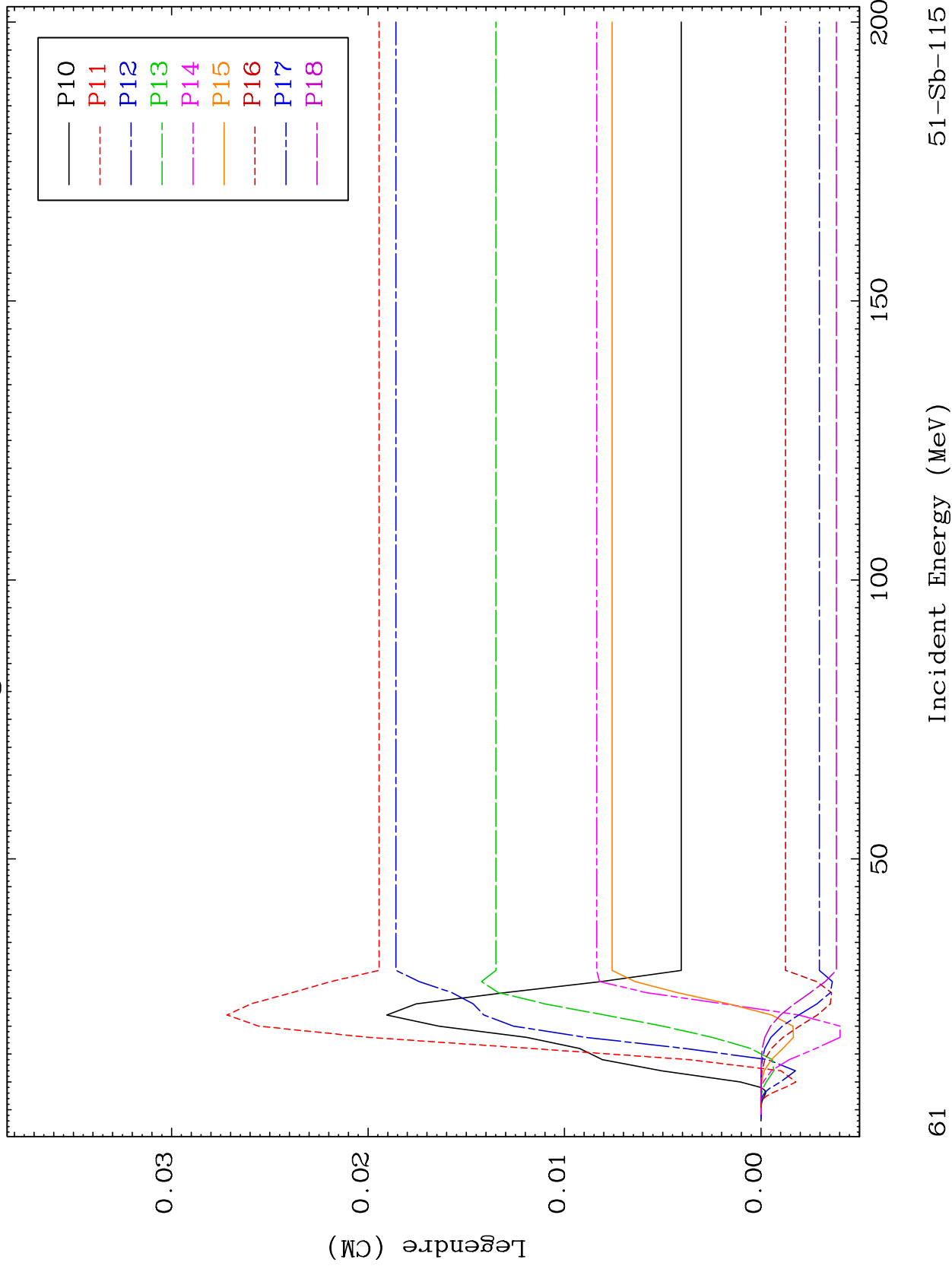
59



MAT 5107

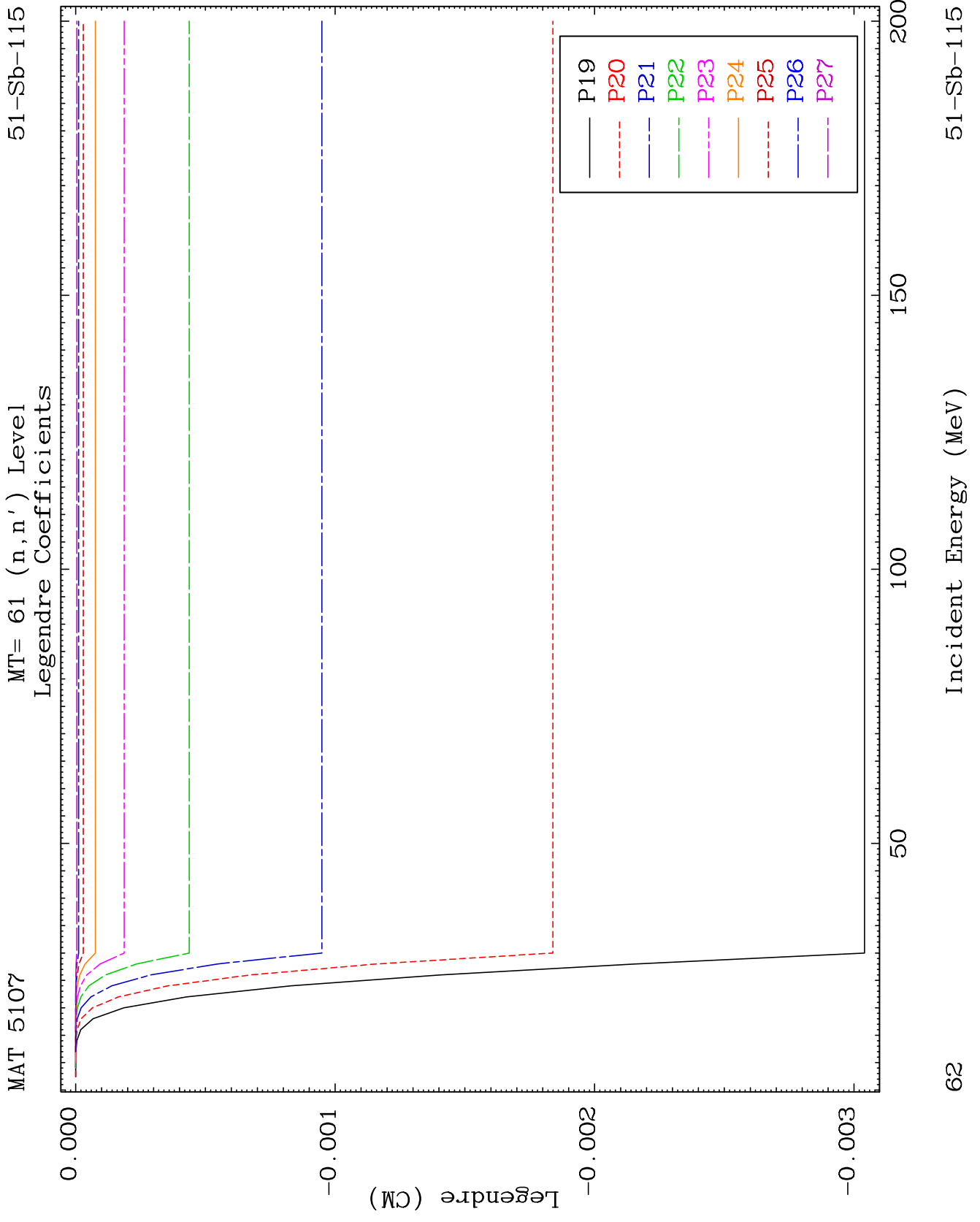
MT= 61 (n,n') Level  
Legendre Coefficients

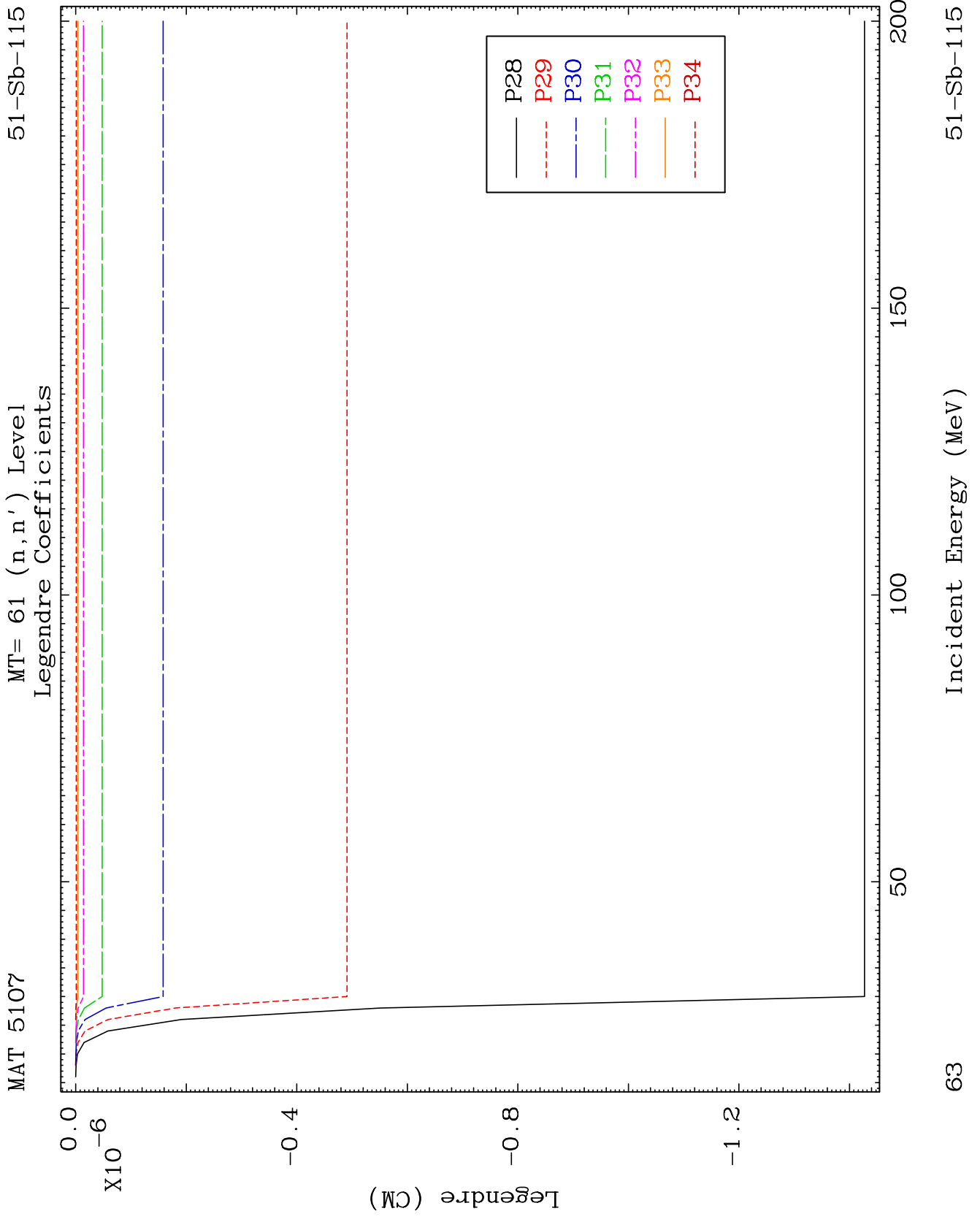
51-Sb-115



61

51-Sb-115



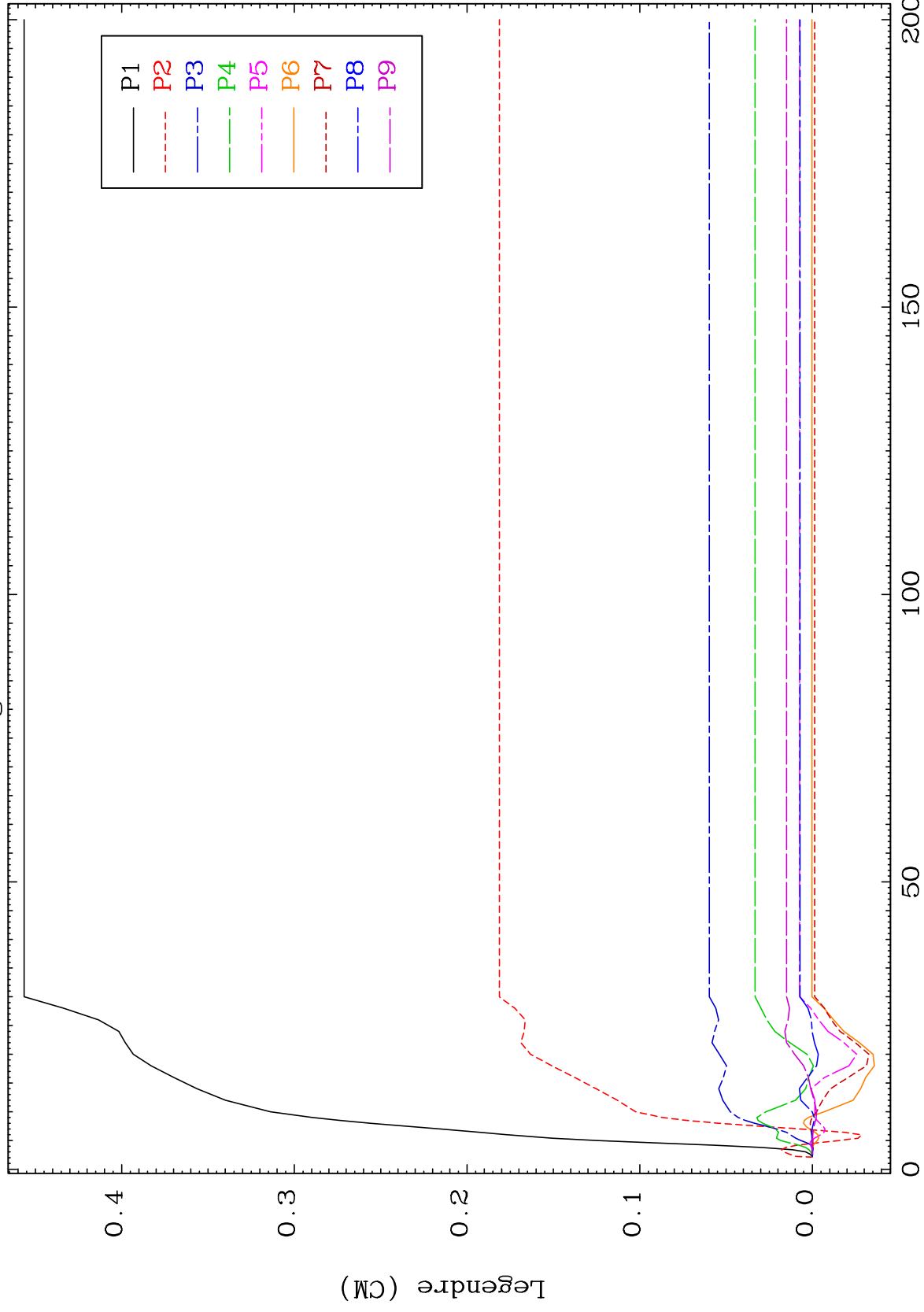




MAT 5107

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

51-Sb-115



51-Sb-115

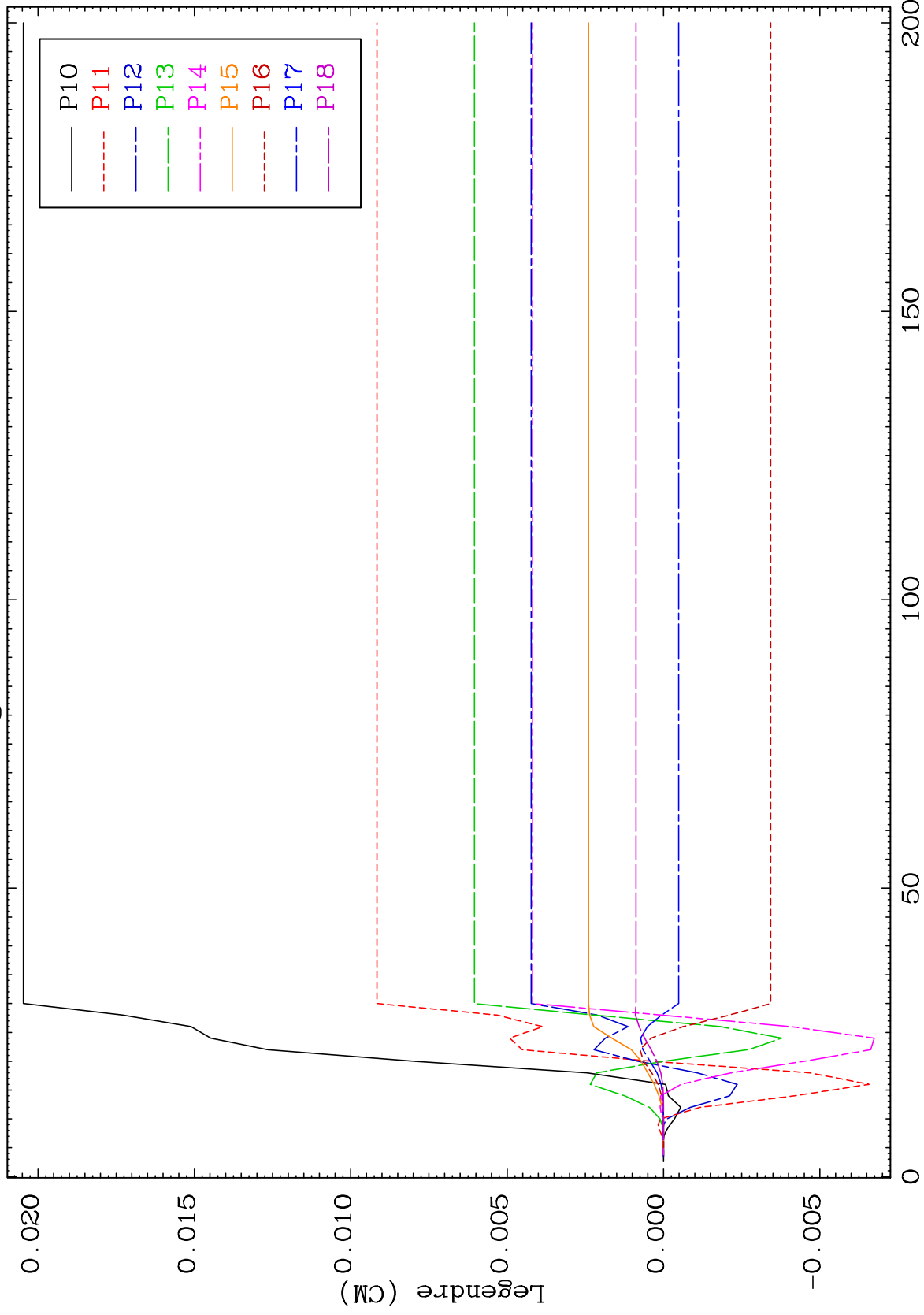
Incident Energy (MeV)

64

MAT 5107

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

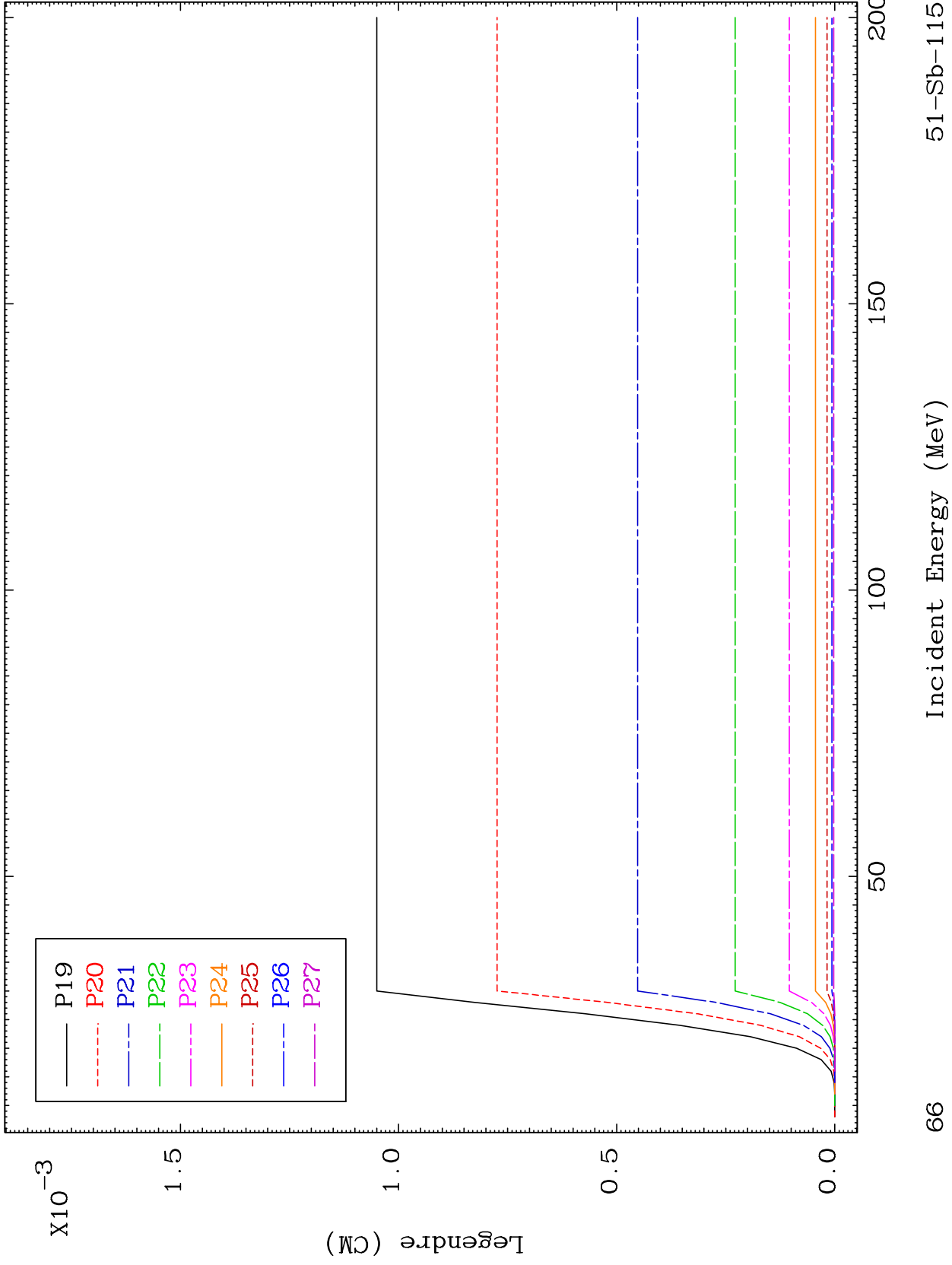
51-Sb-115



65

Incident Energy (MeV)

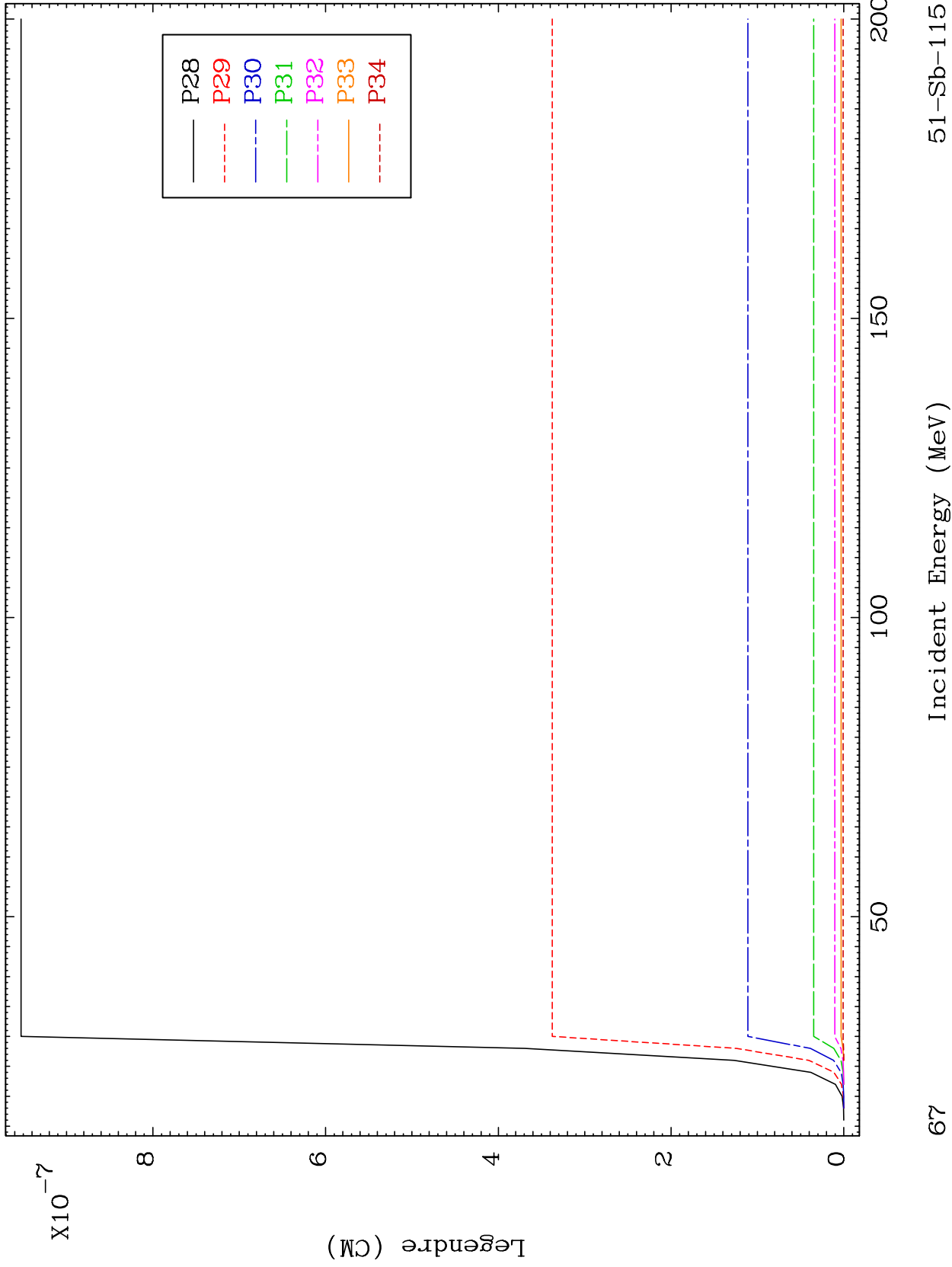
51-Sb-115



MAT 5107

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

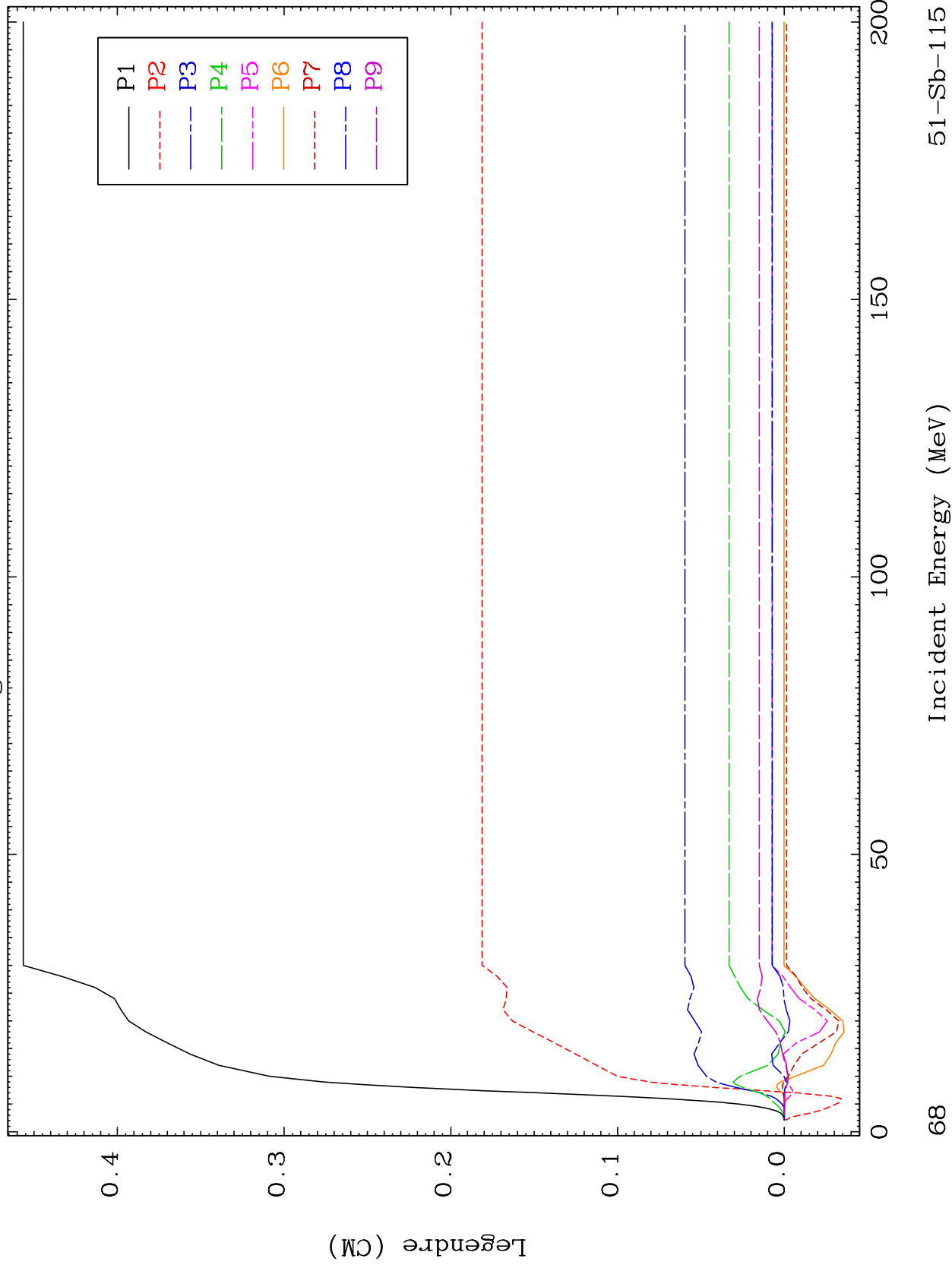
51-Sb-115



MAT 5107

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

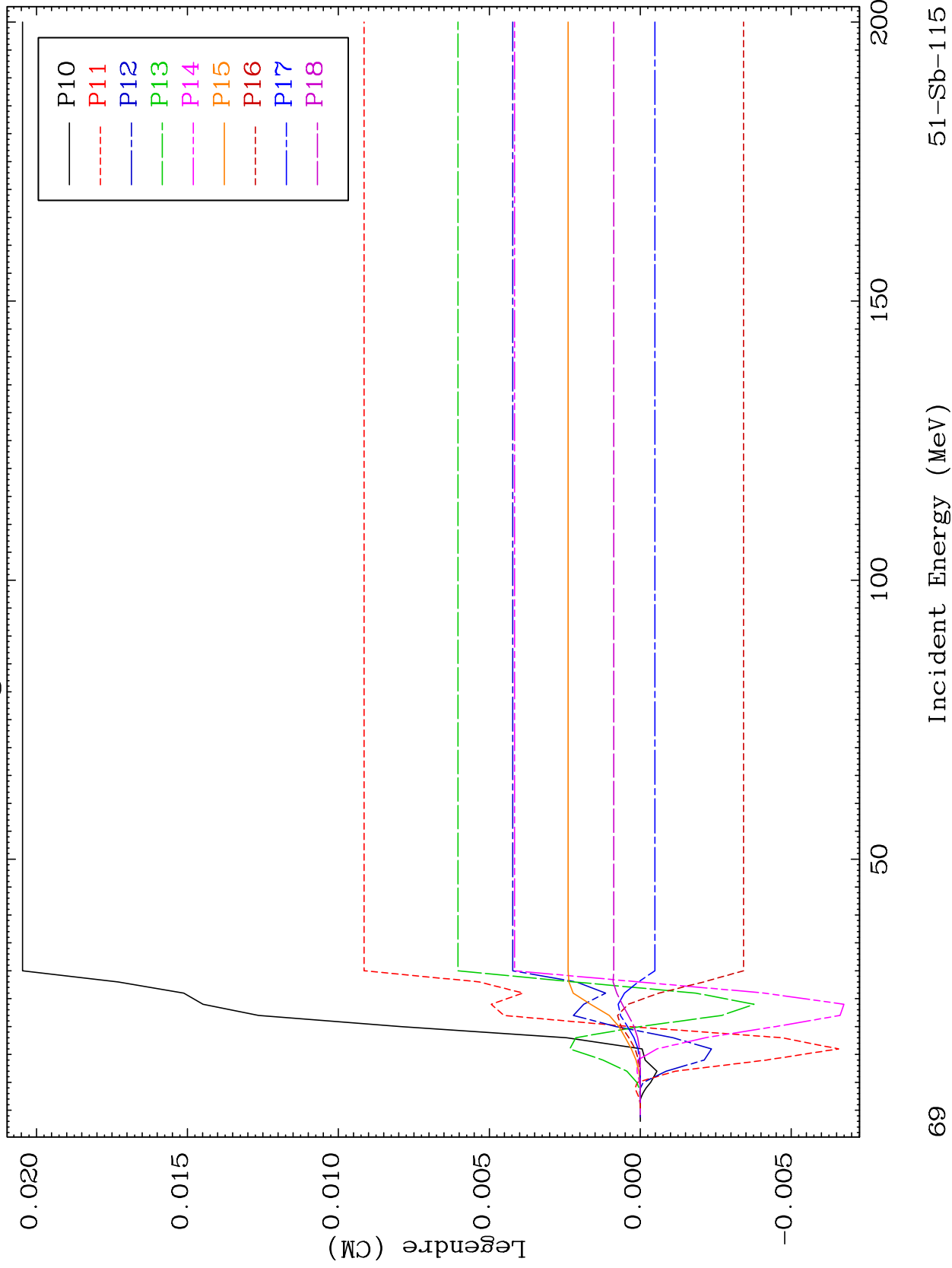
51-Sb-115



51-Sb-115

Incident Energy (MeV)

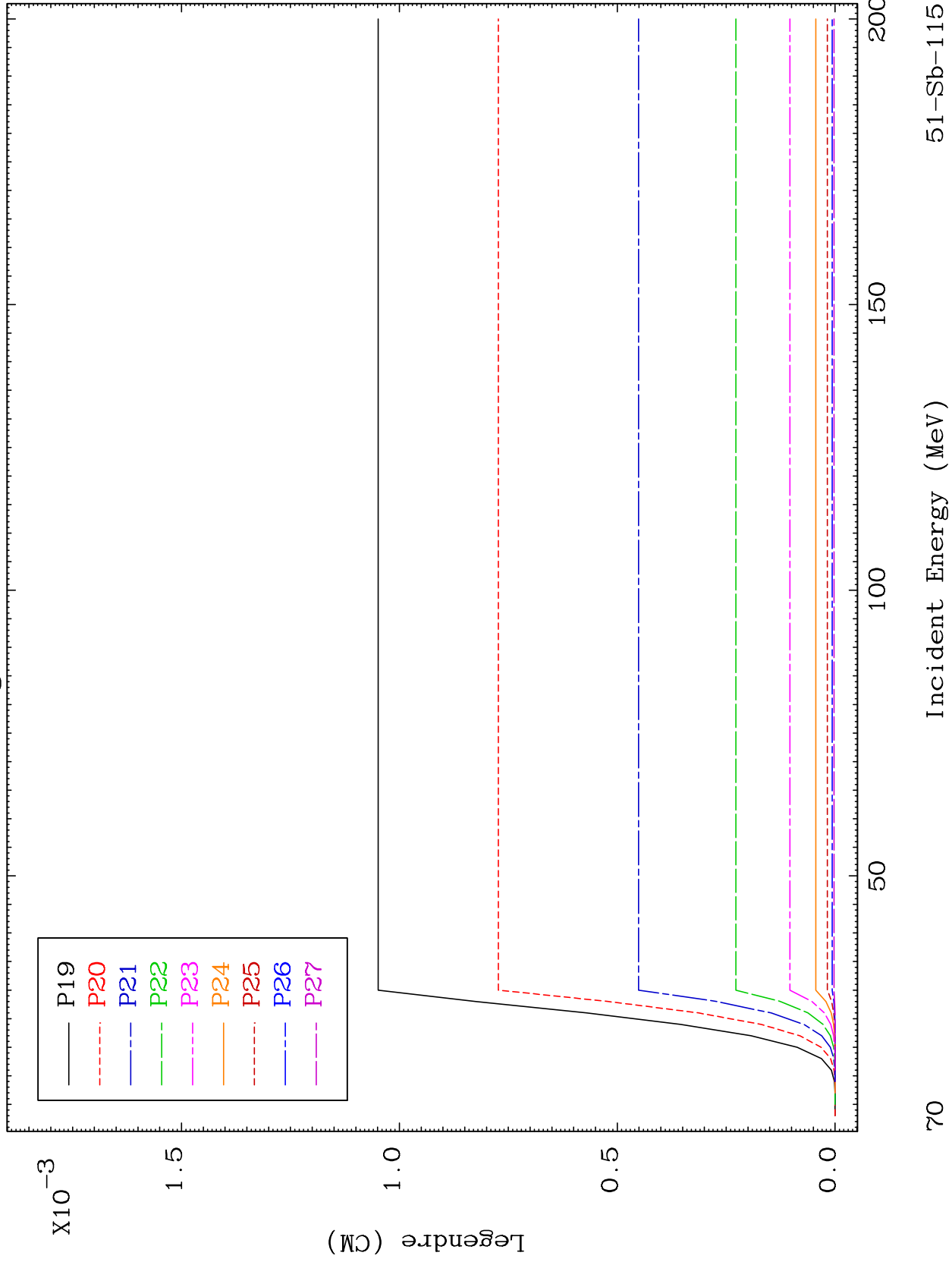
68



MAT 5107

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

51-Sb-115



70

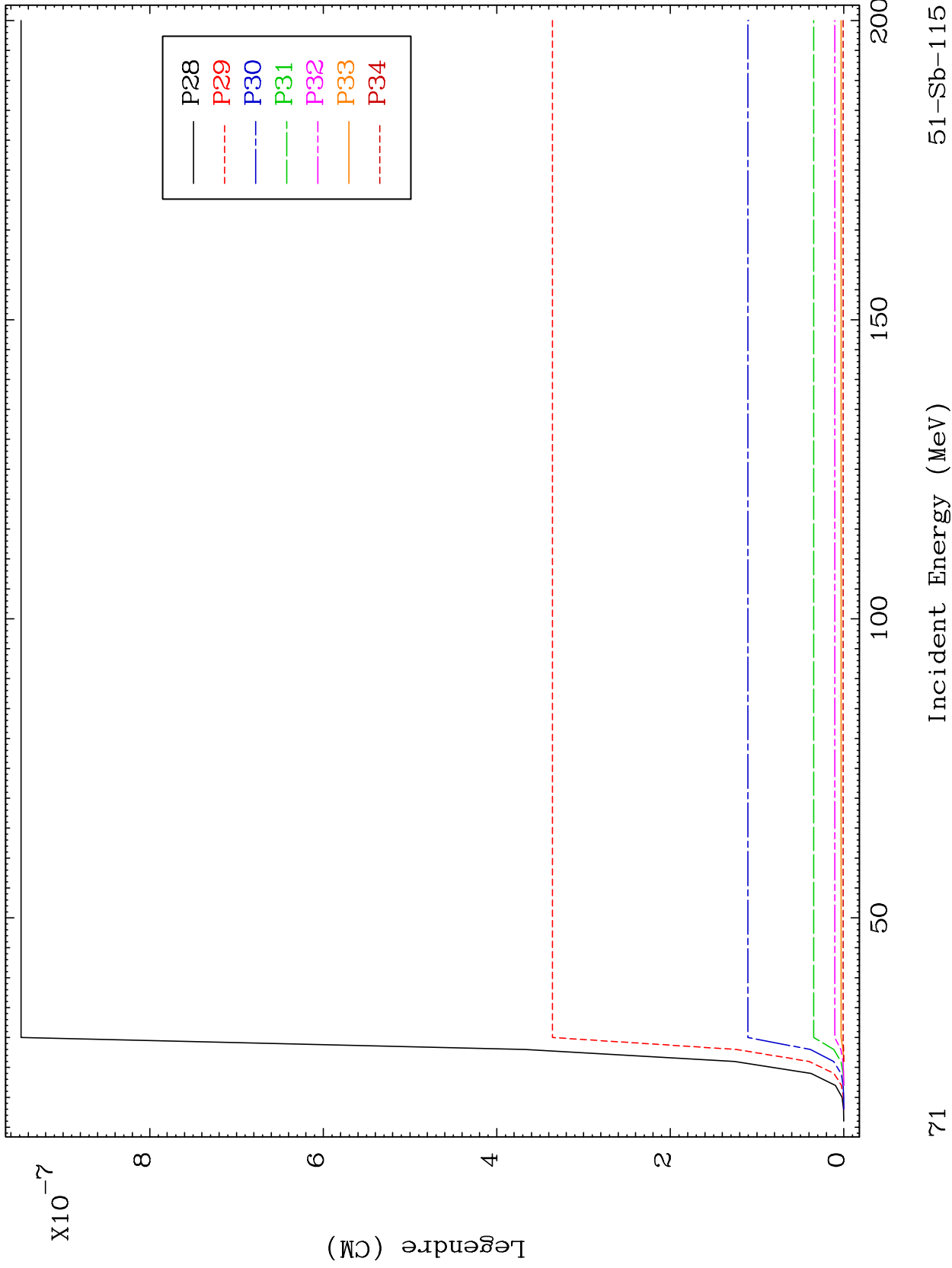
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

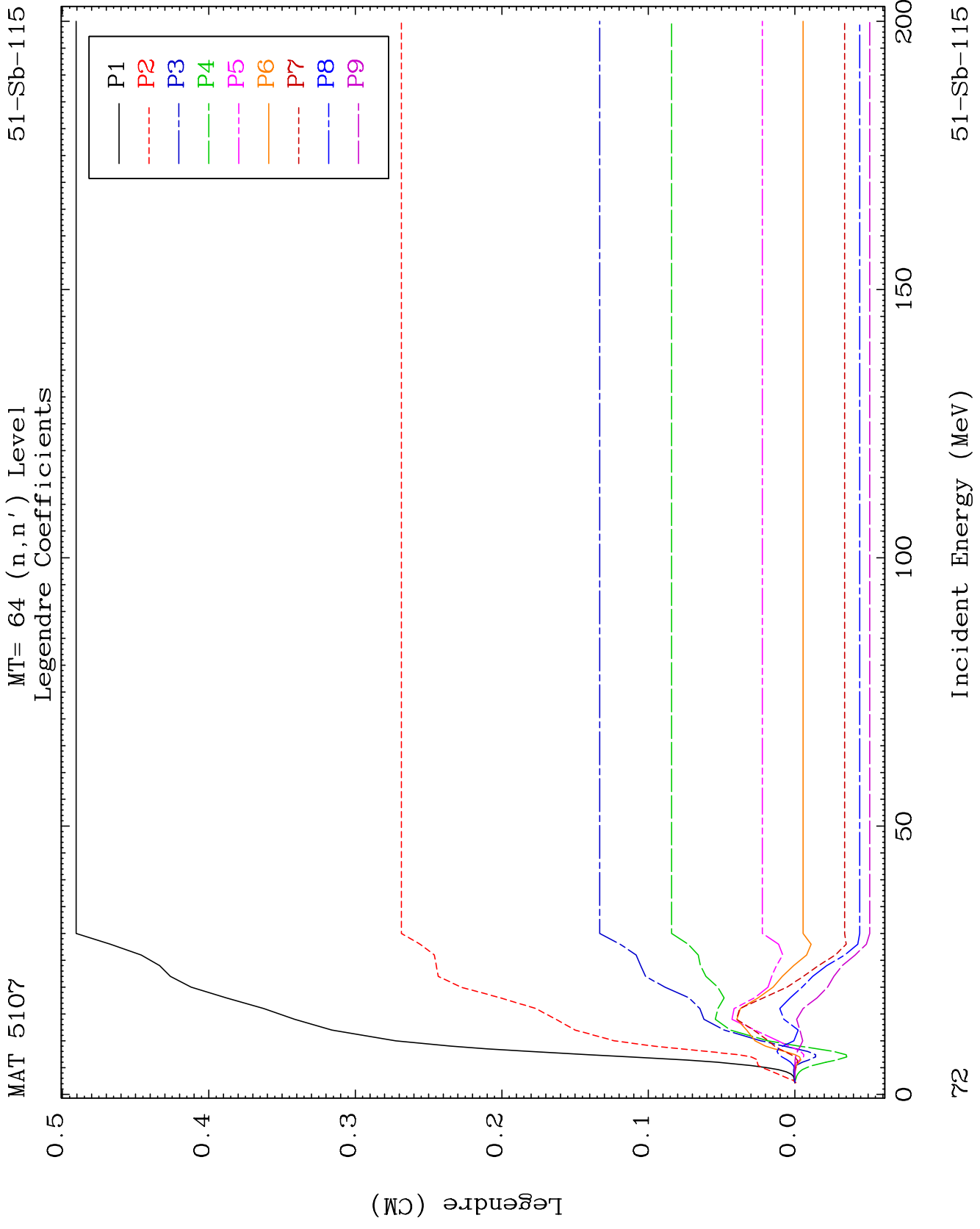
51-Sb-115



71

51-Sb-115

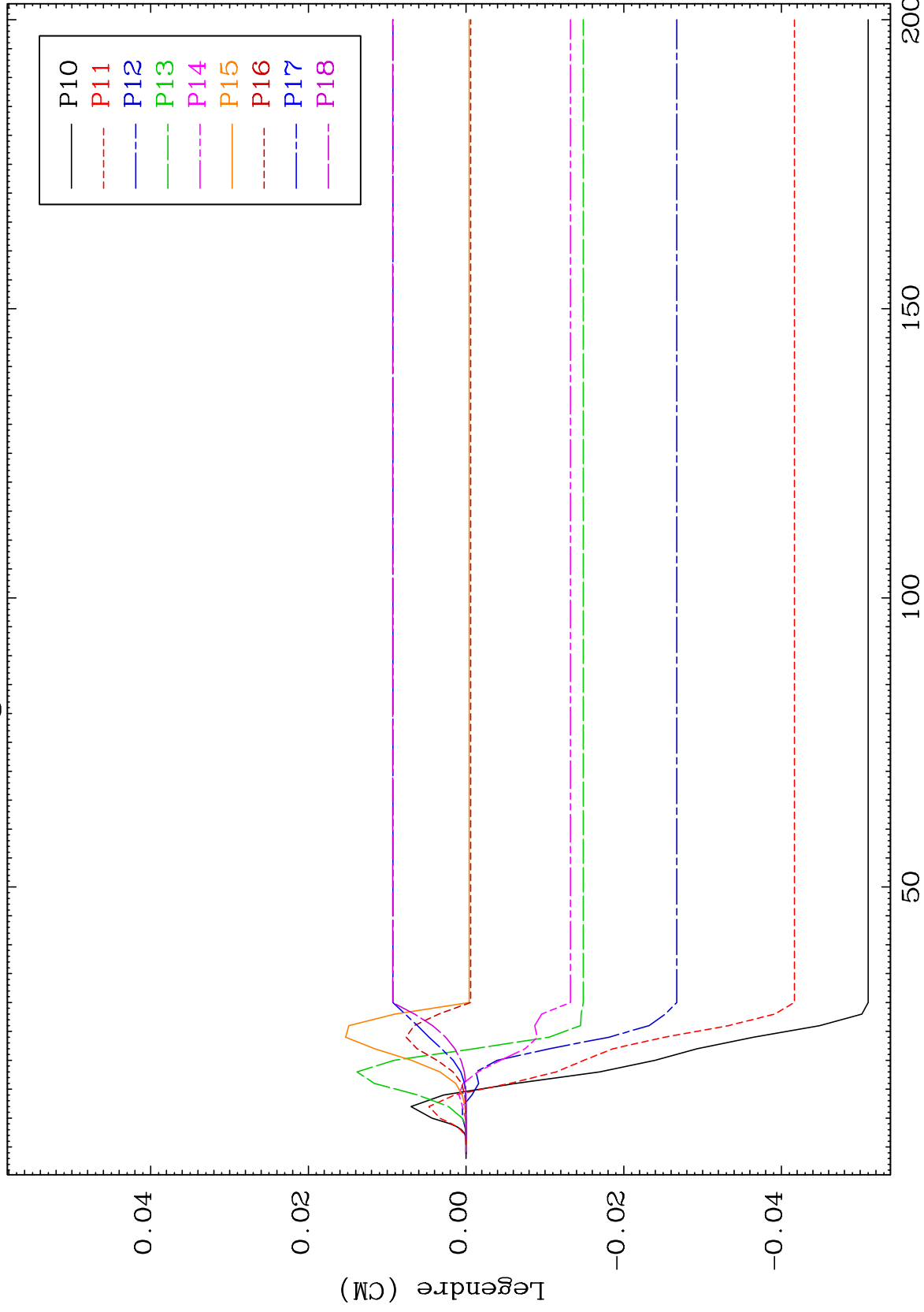




MAT 5107

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

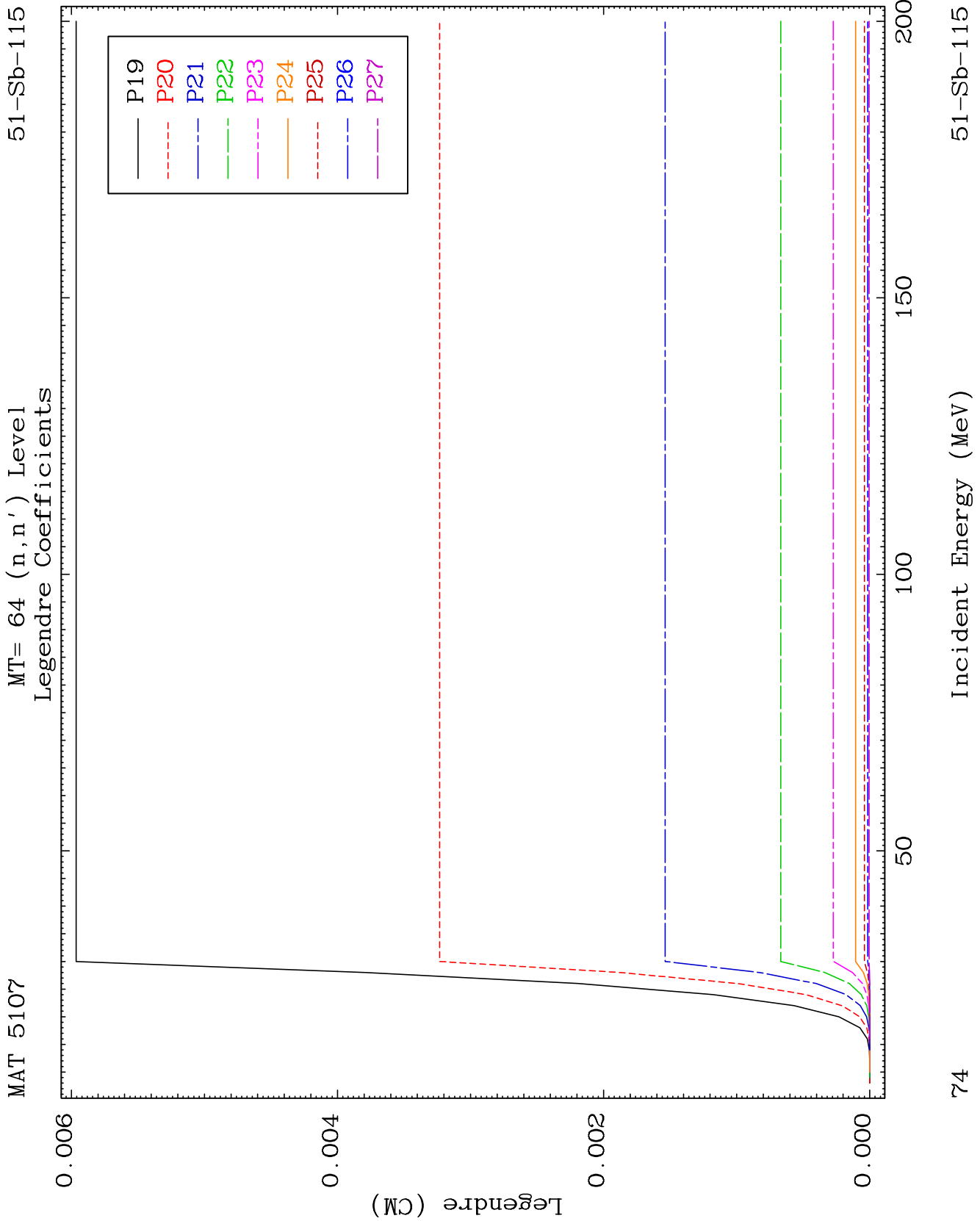
51-Sb-115



73

Incident Energy (MeV)

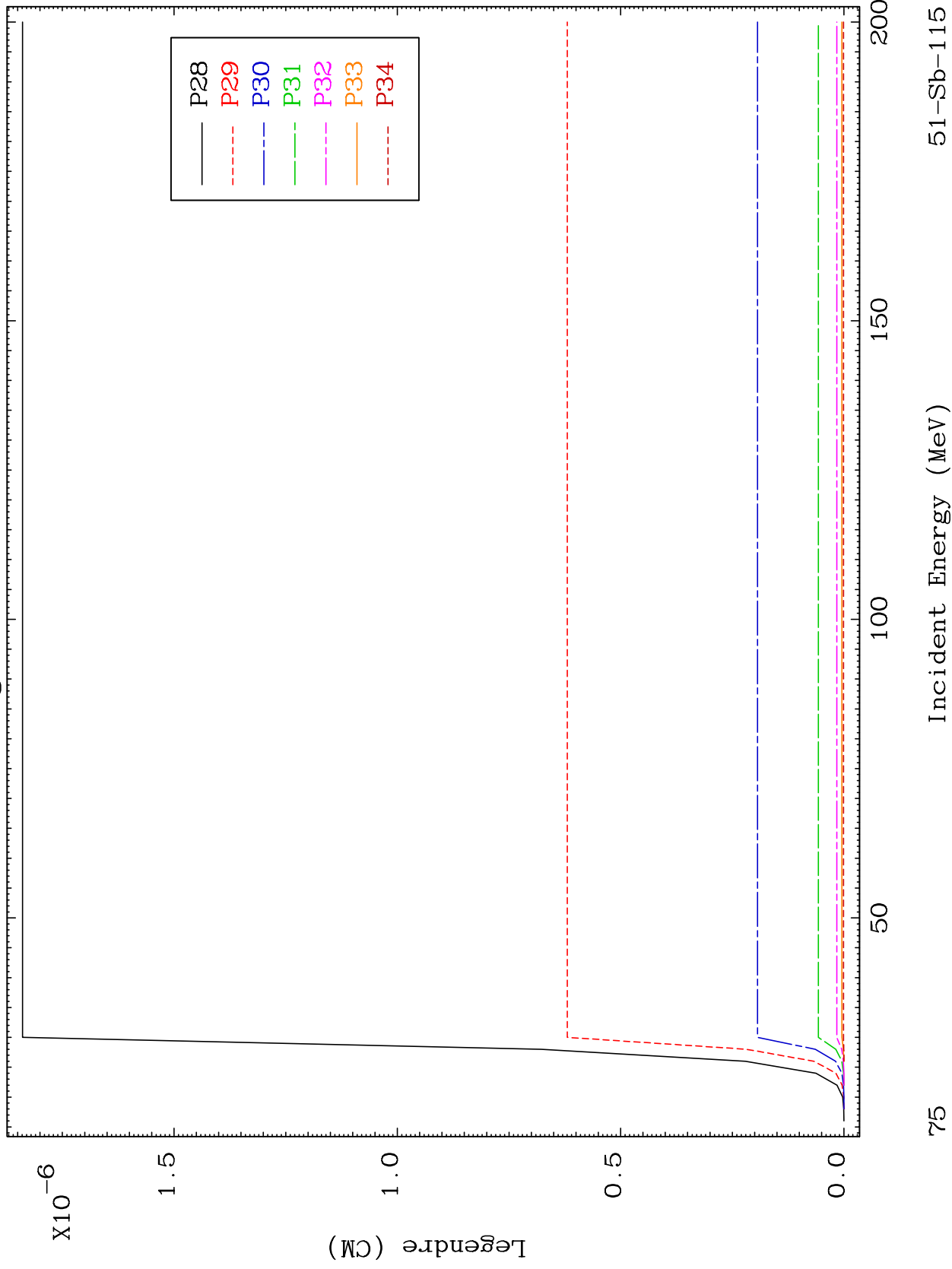
51-Sb-115



MAT 5107

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

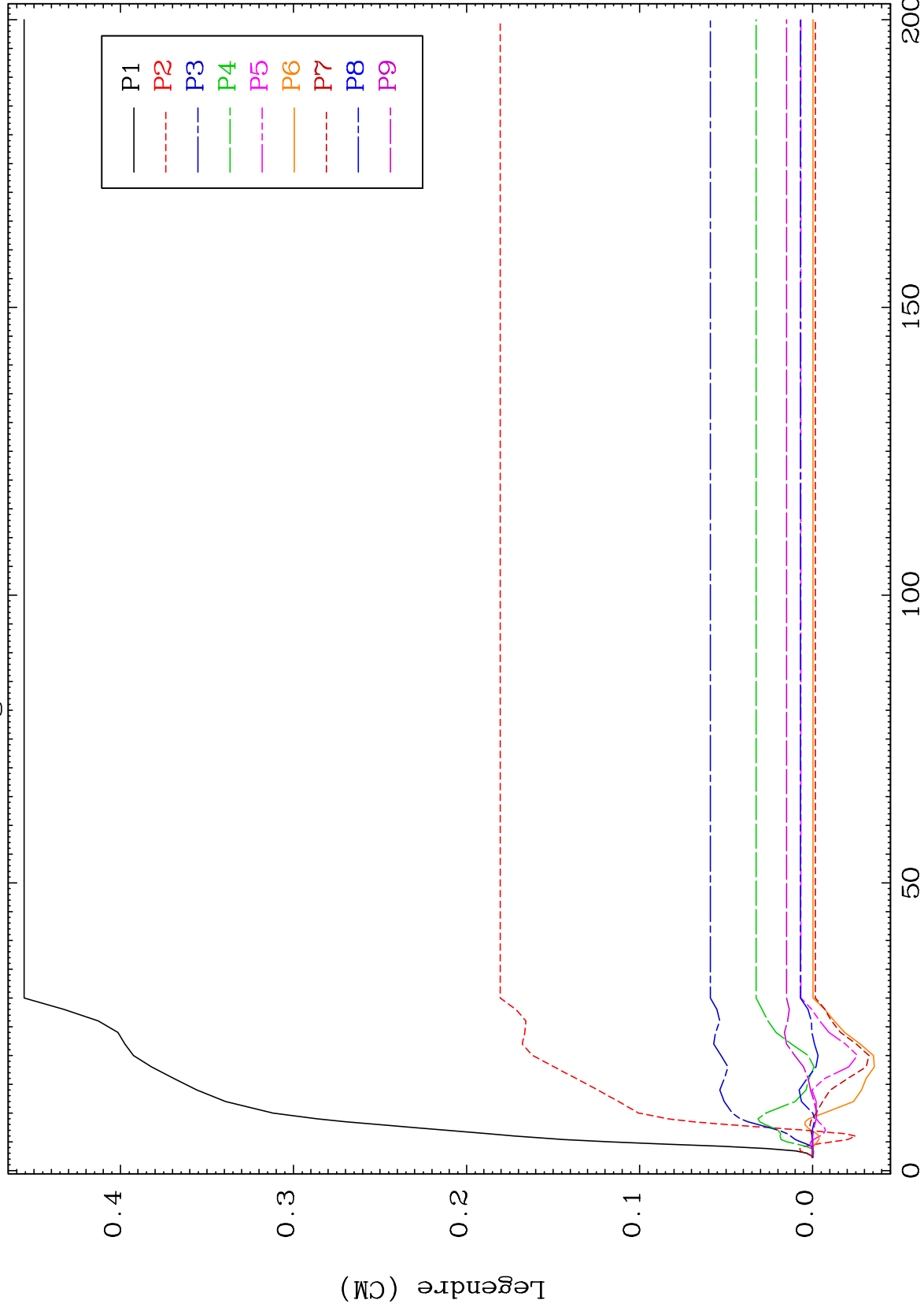
51-Sb-115



MAT 5107

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

51-Sb-115



76

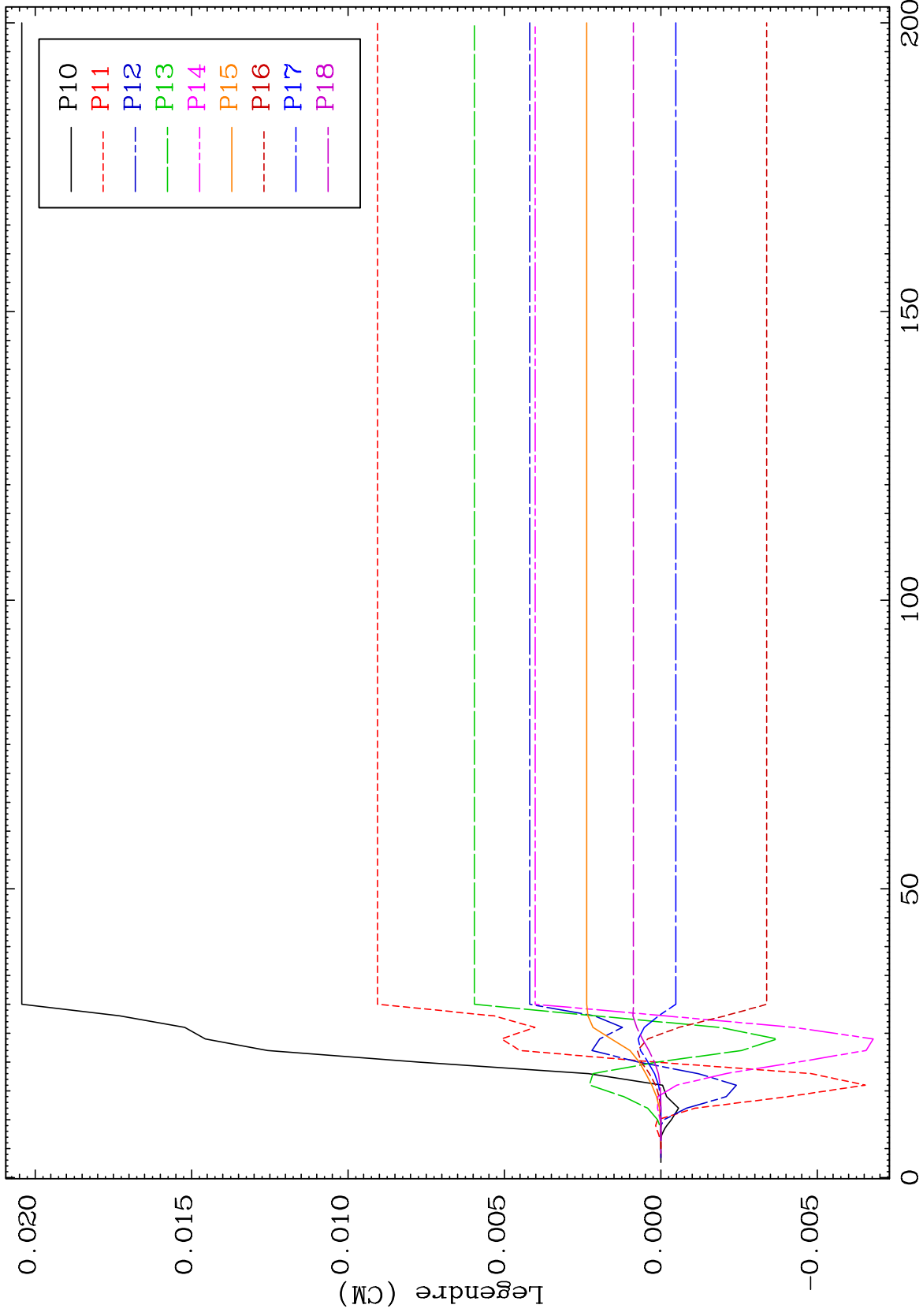
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



77

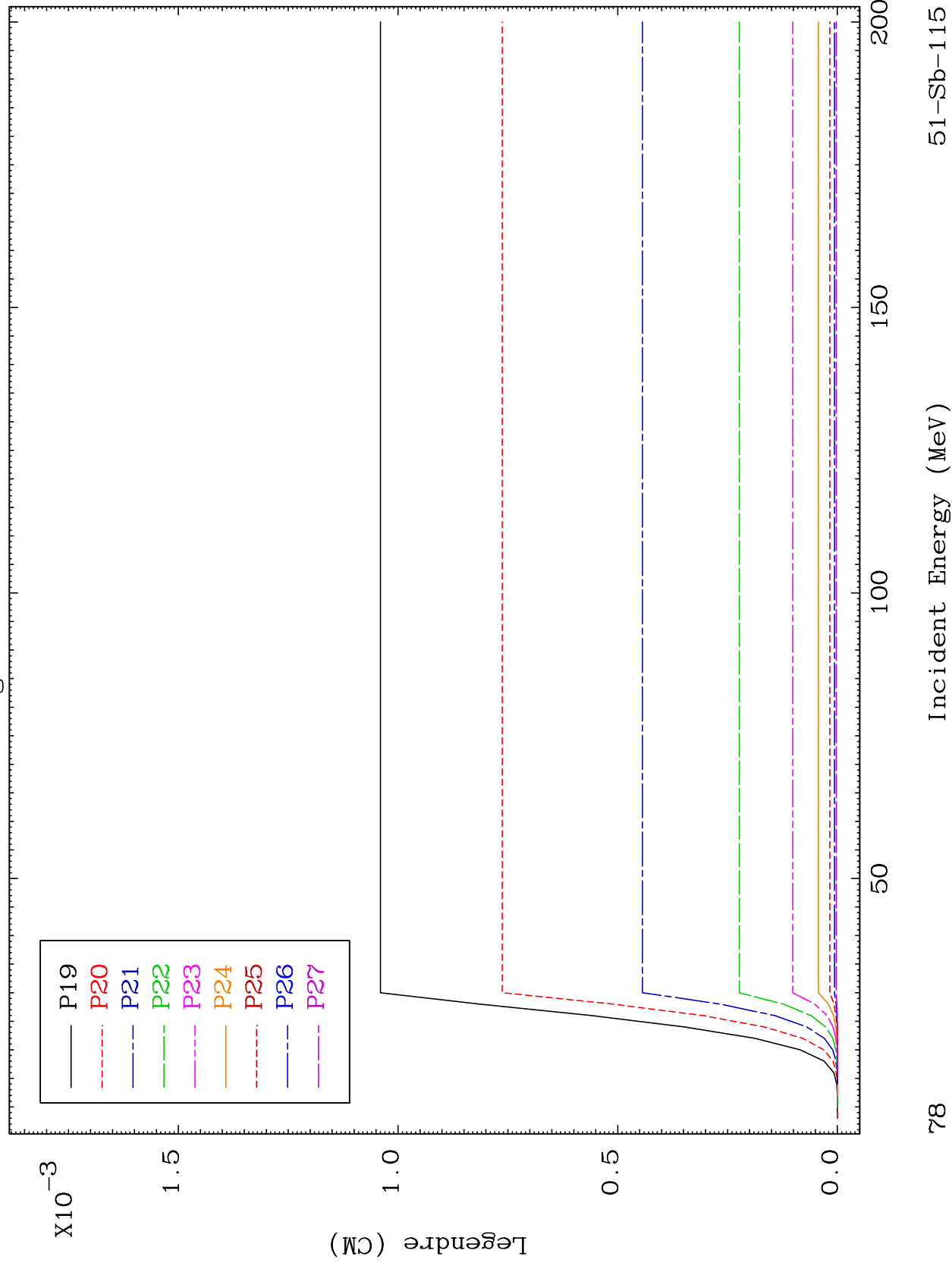
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



78

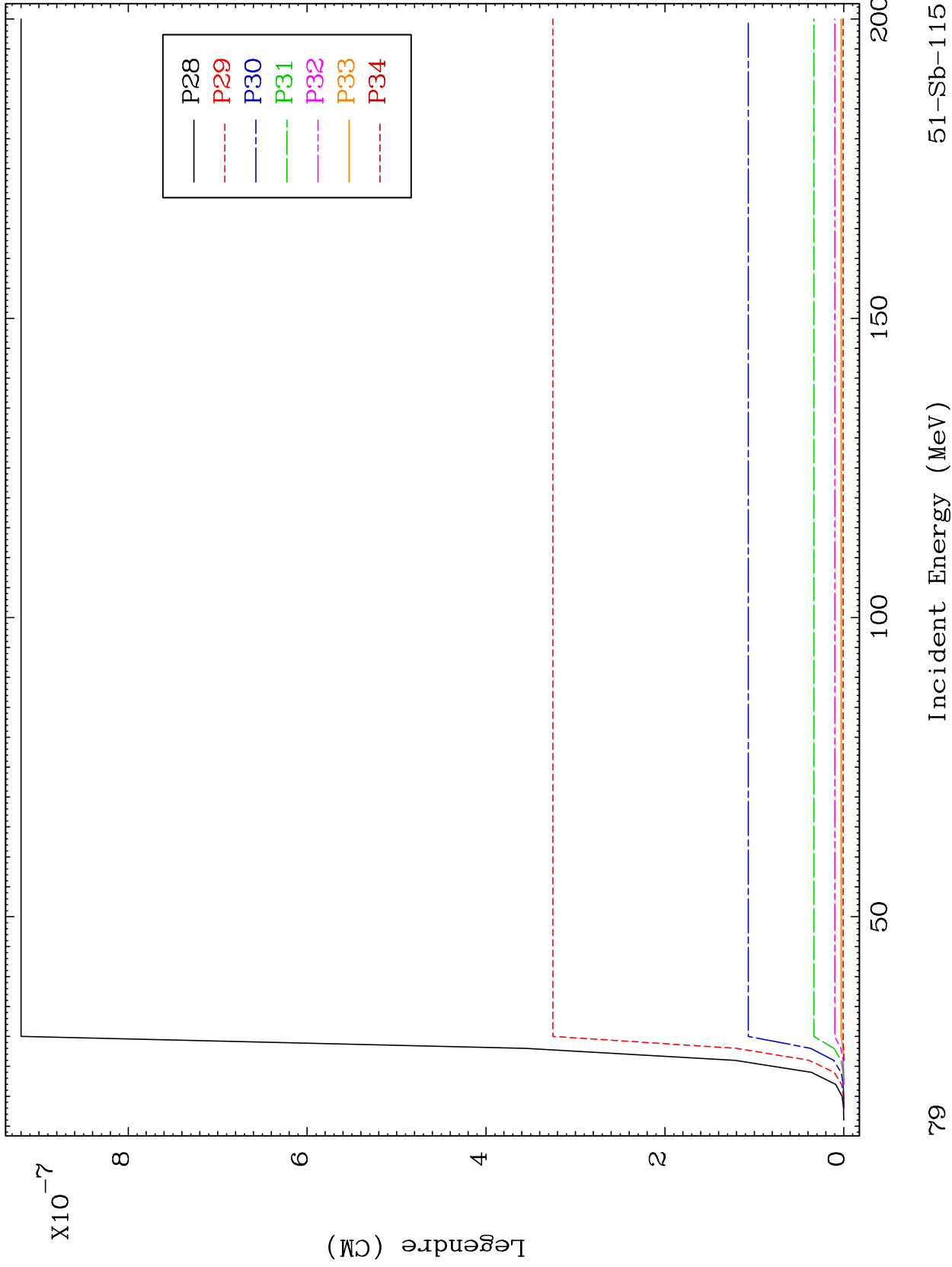
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115

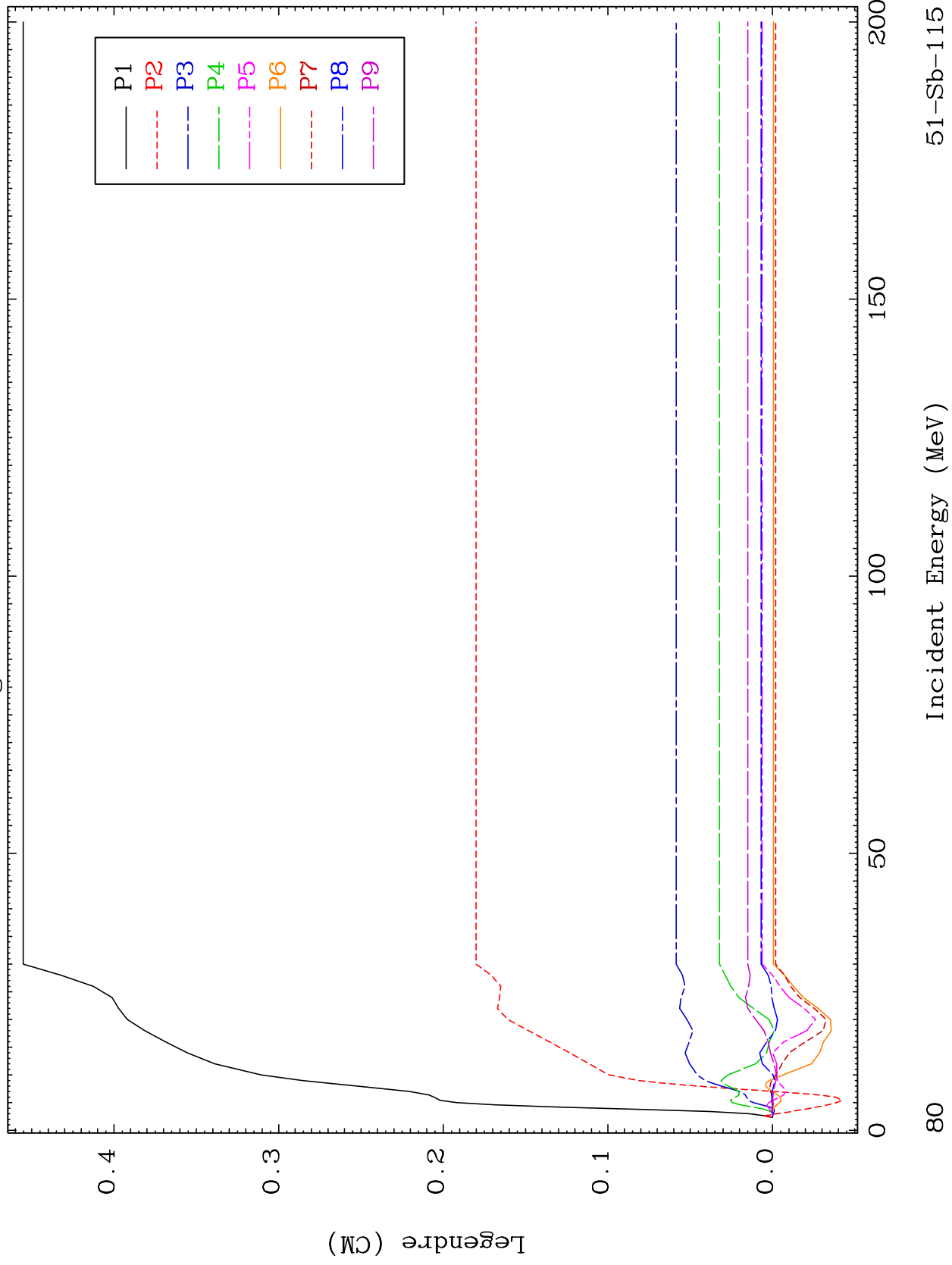




MAT 5107

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

51-Sb-115

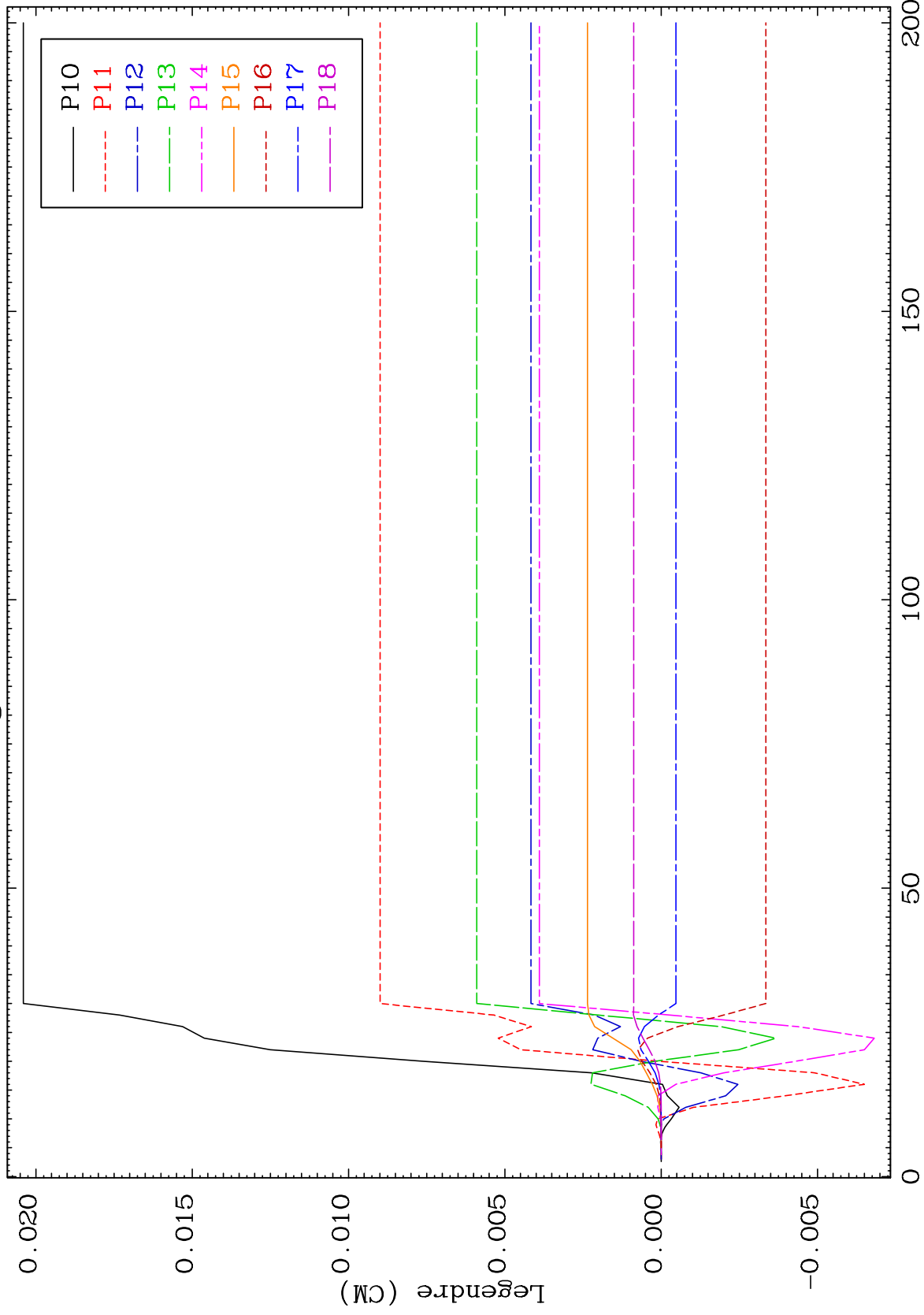


51-Sb-115

MAT 5107

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

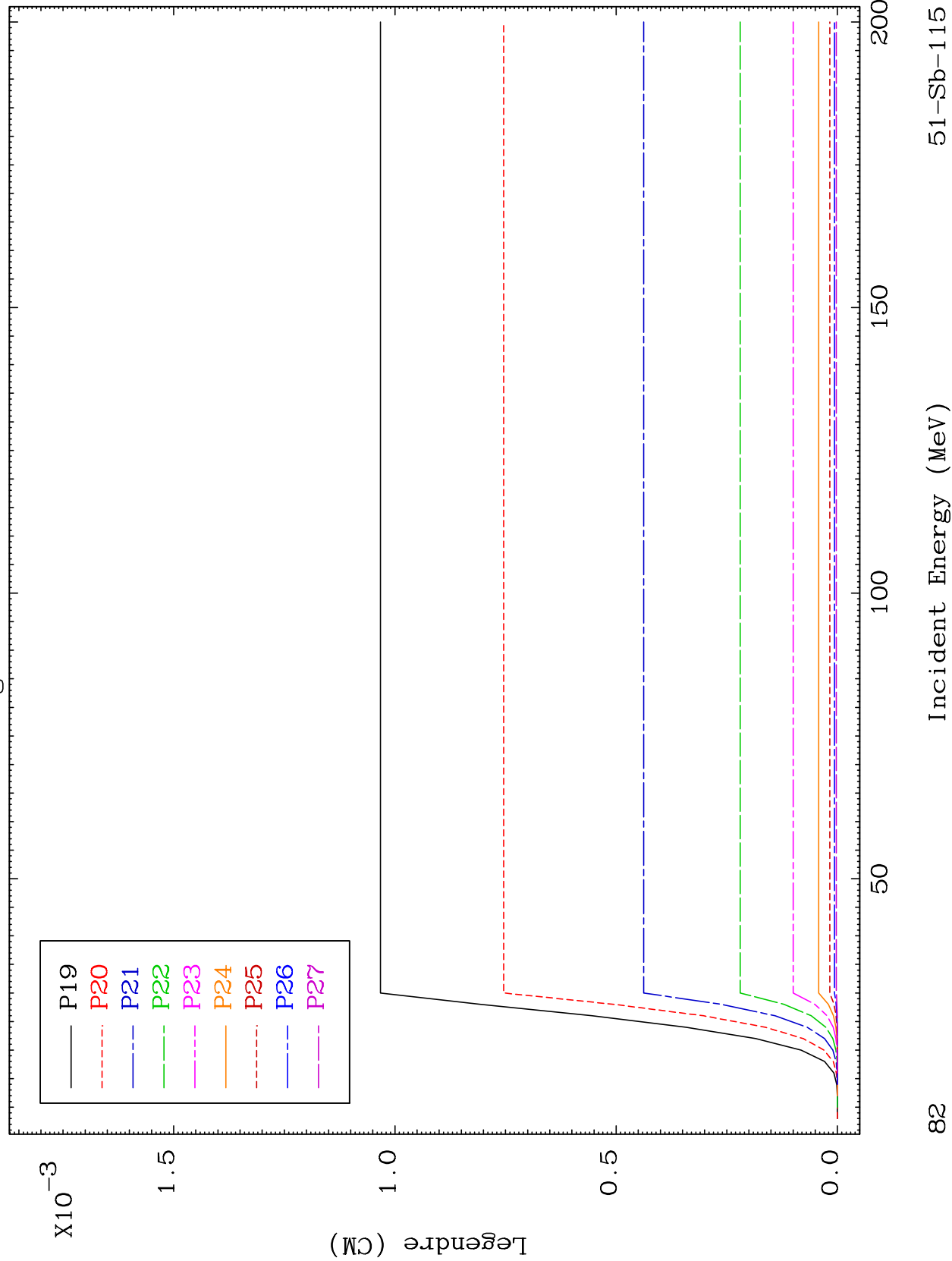
51-Sb-115



81

Incident Energy (MeV)

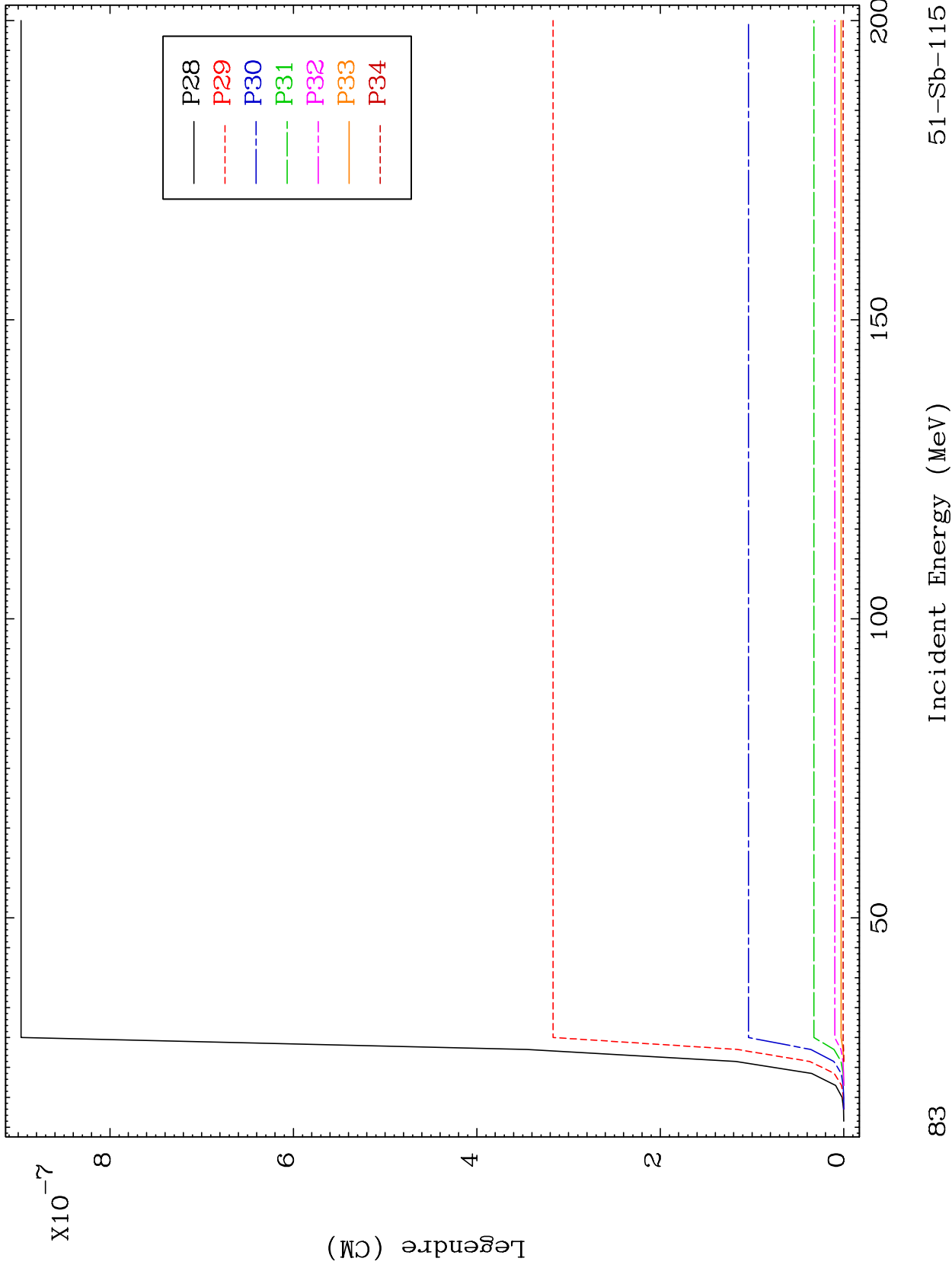
51-Sb-115



MAT 5107

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

51-Sb-115



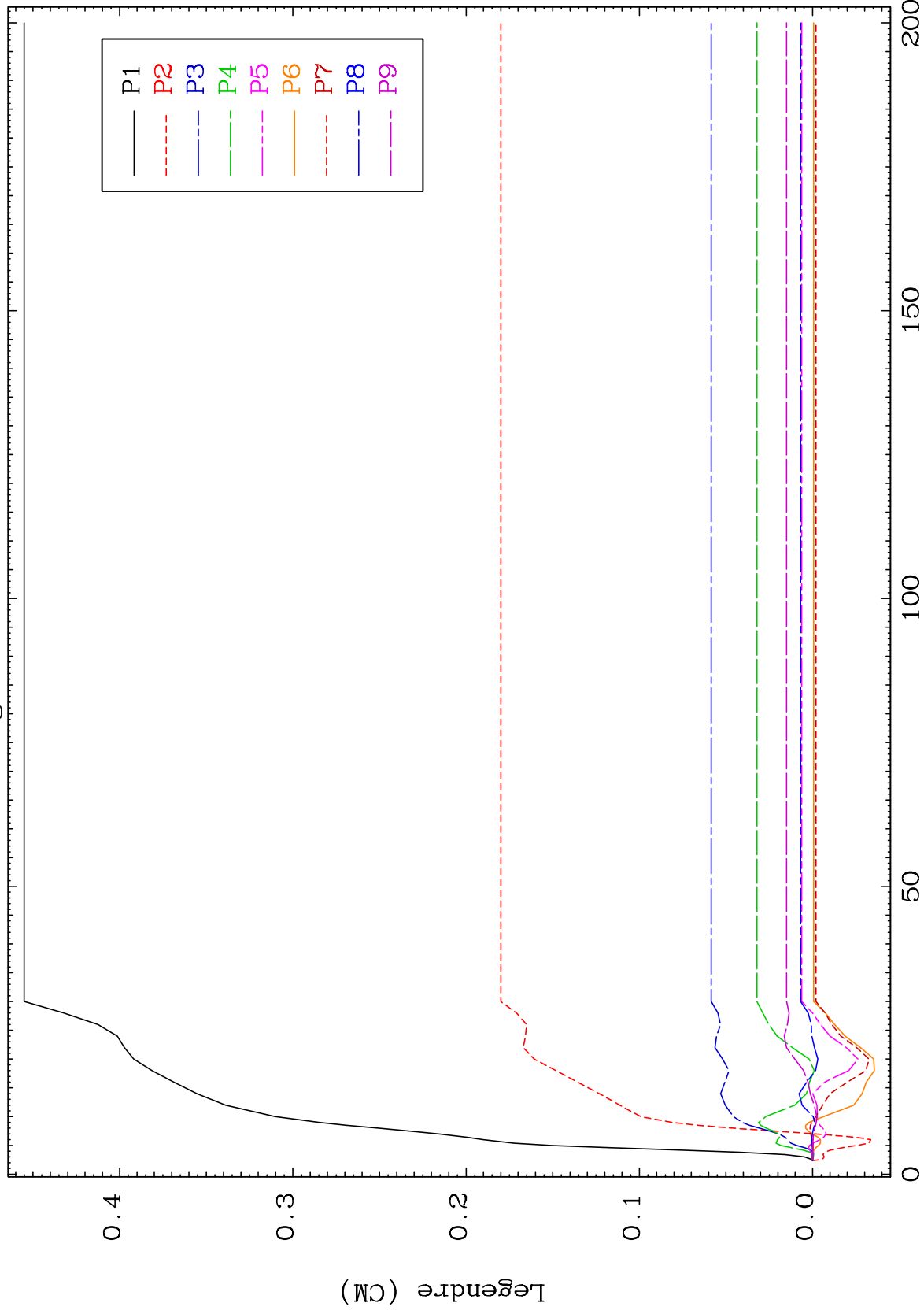
83

51-Sb-115

MAT 5107

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

51-Sb-115



84

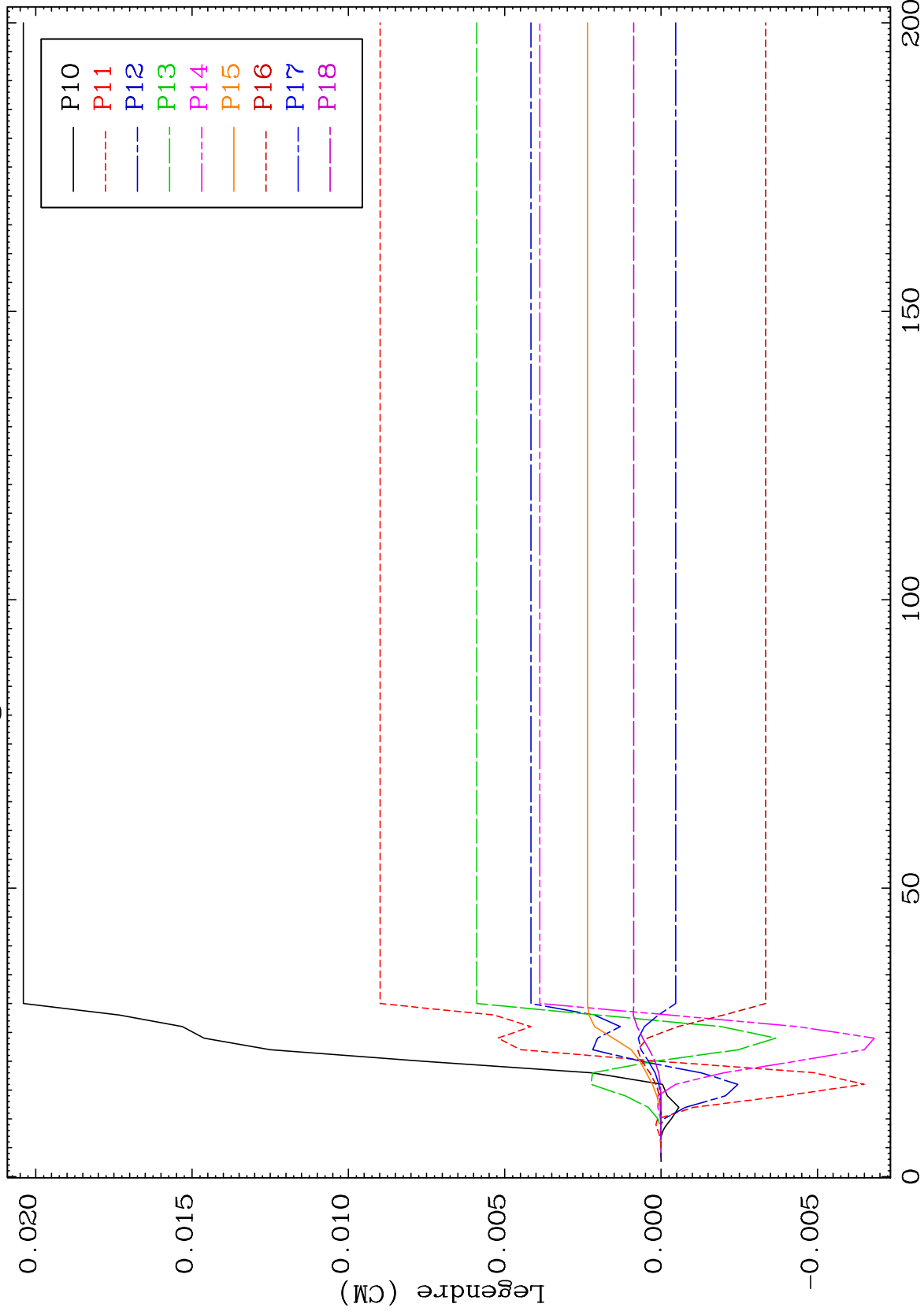
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

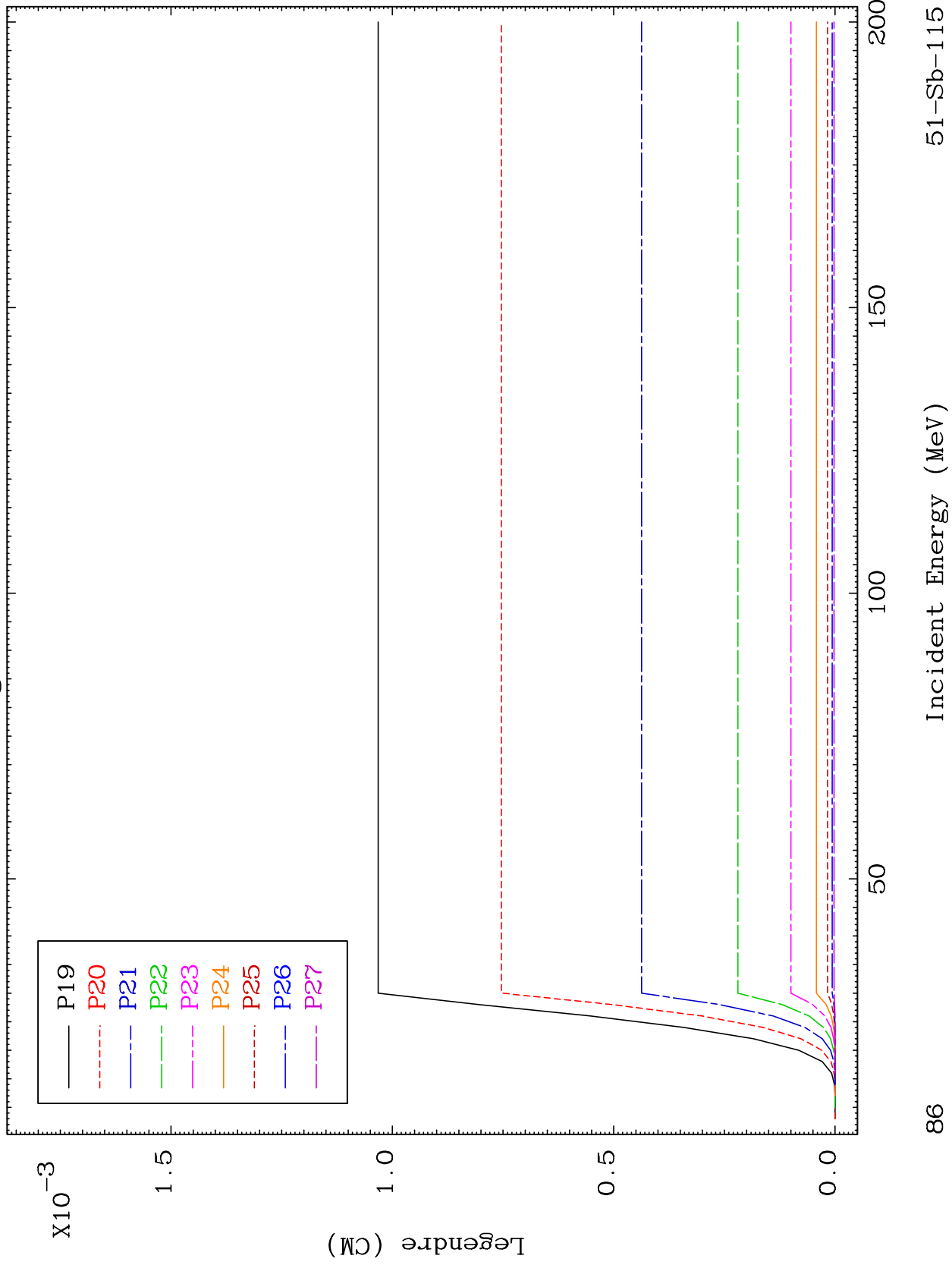
51-Sb-115



85

Incident Energy (MeV)

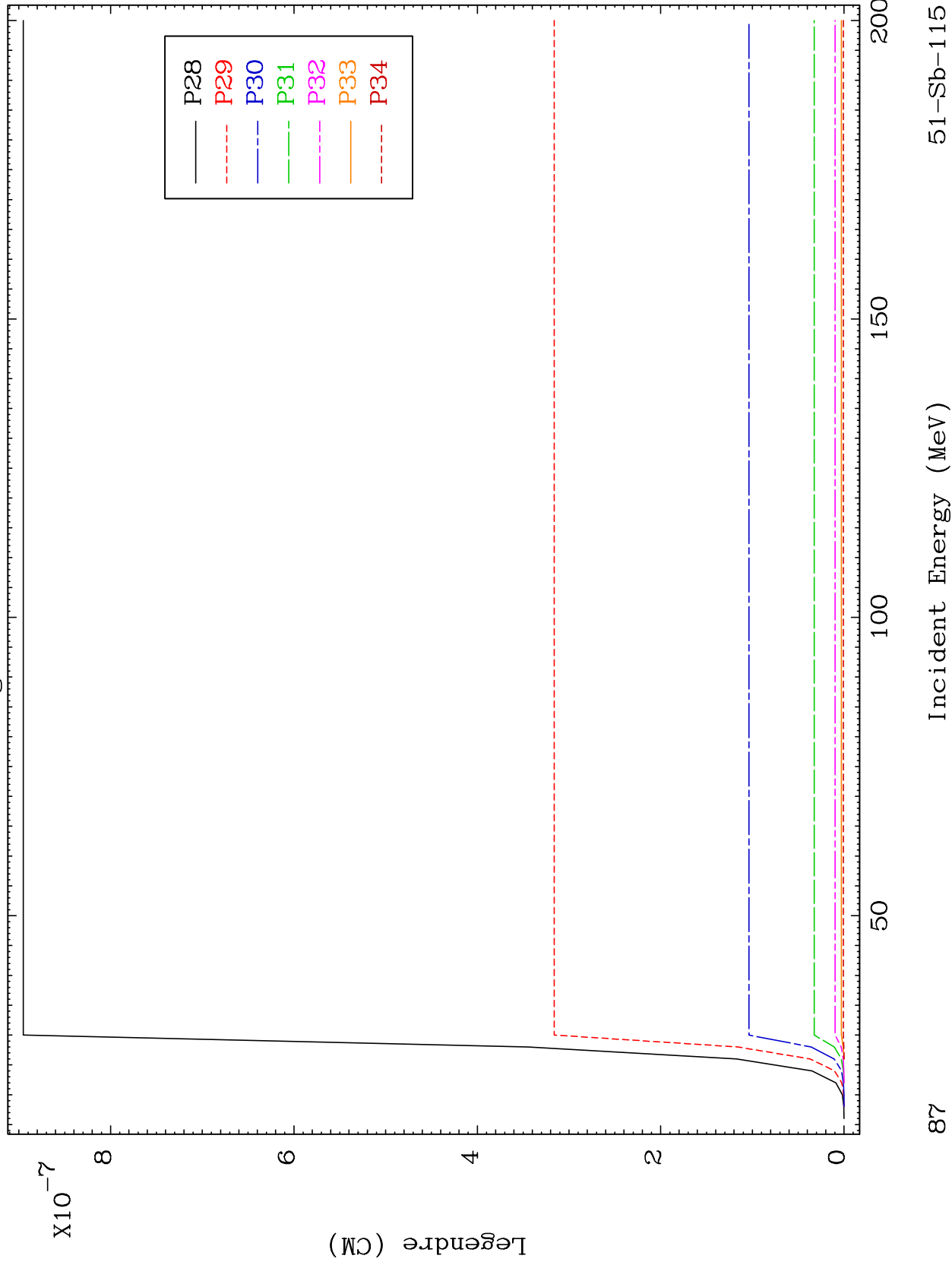
51-Sb-115



MAT 5107

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

51-Sb-115

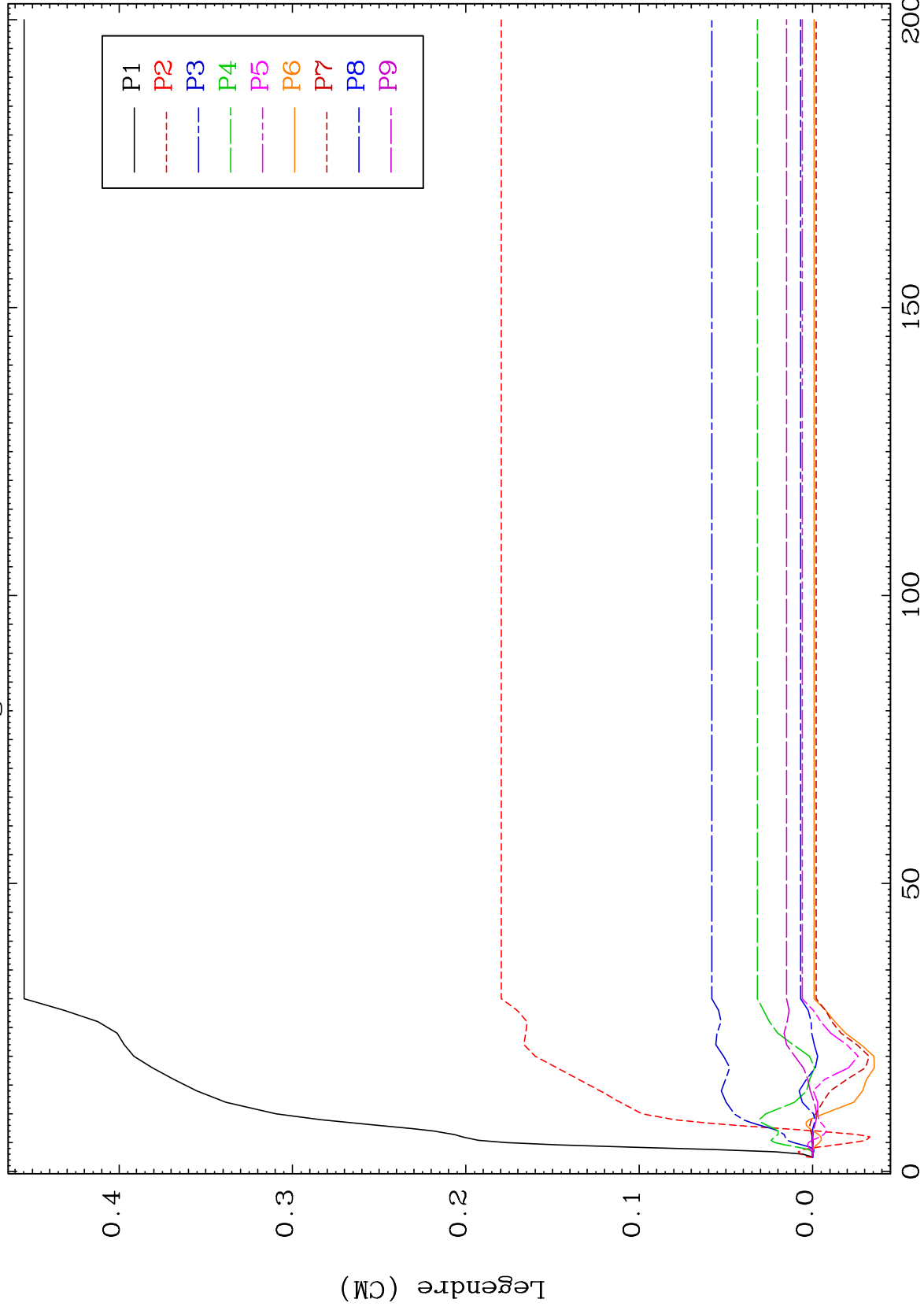




MAT 5107

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

51-Sb-115



88

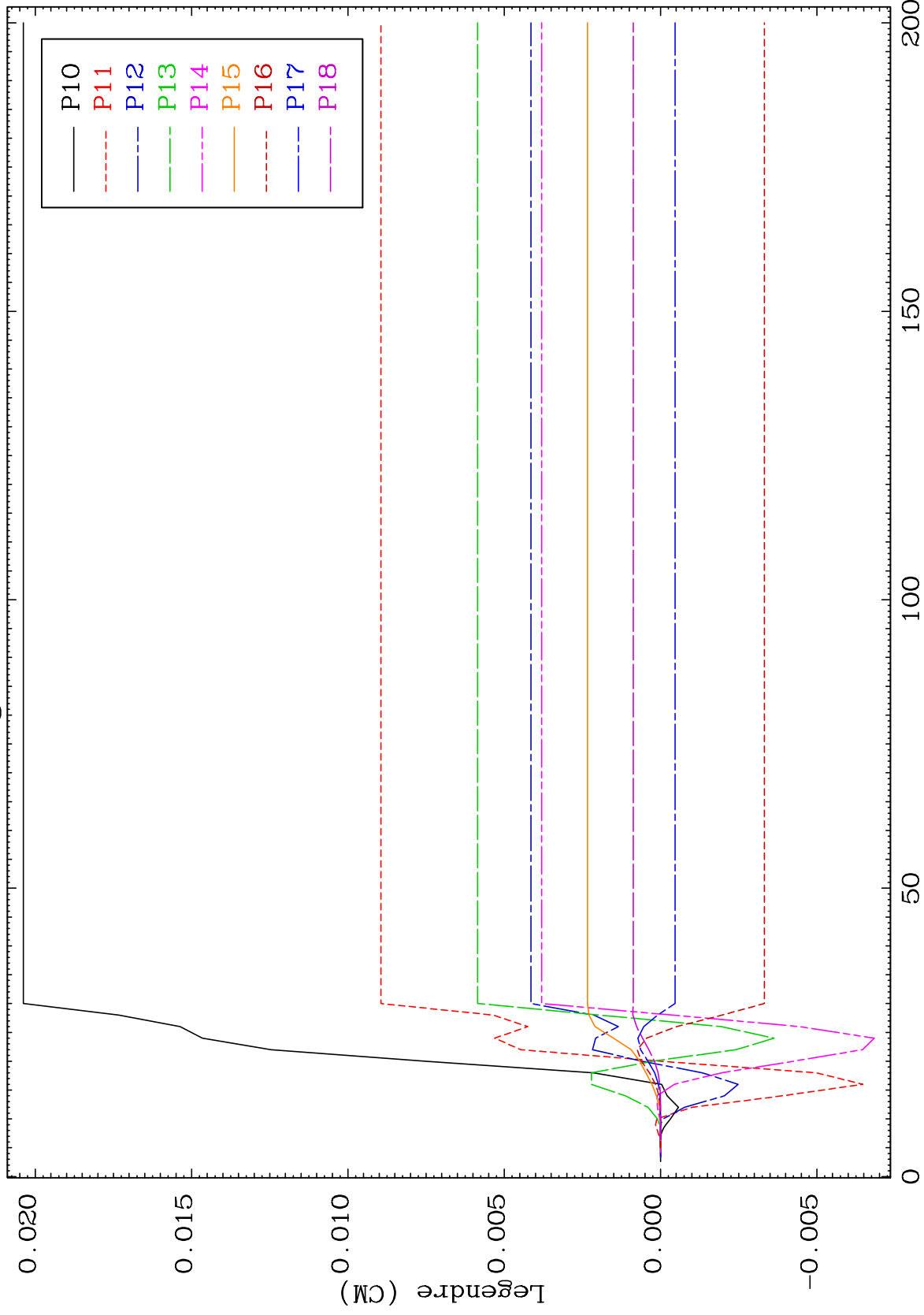
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



89

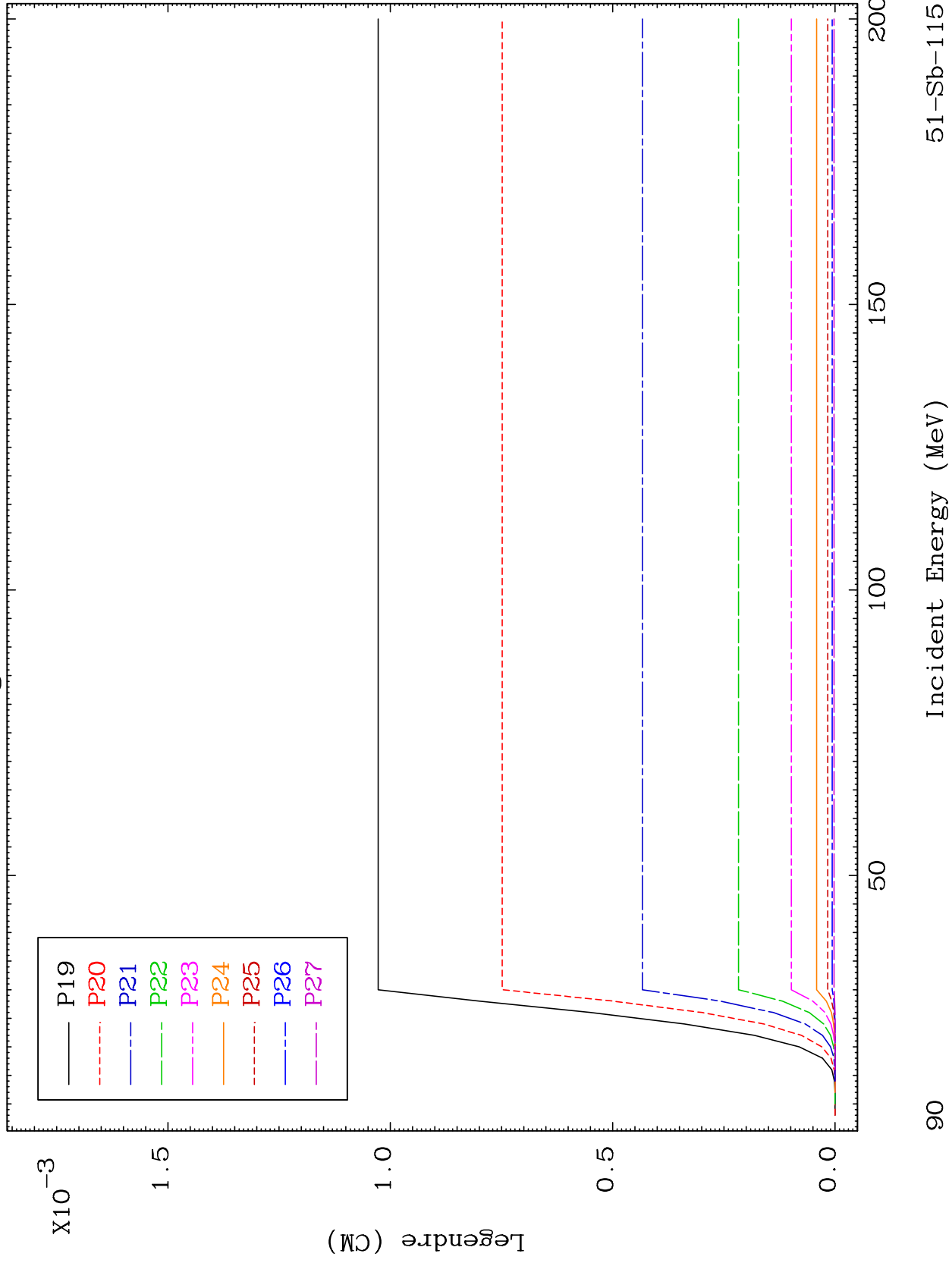
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



90

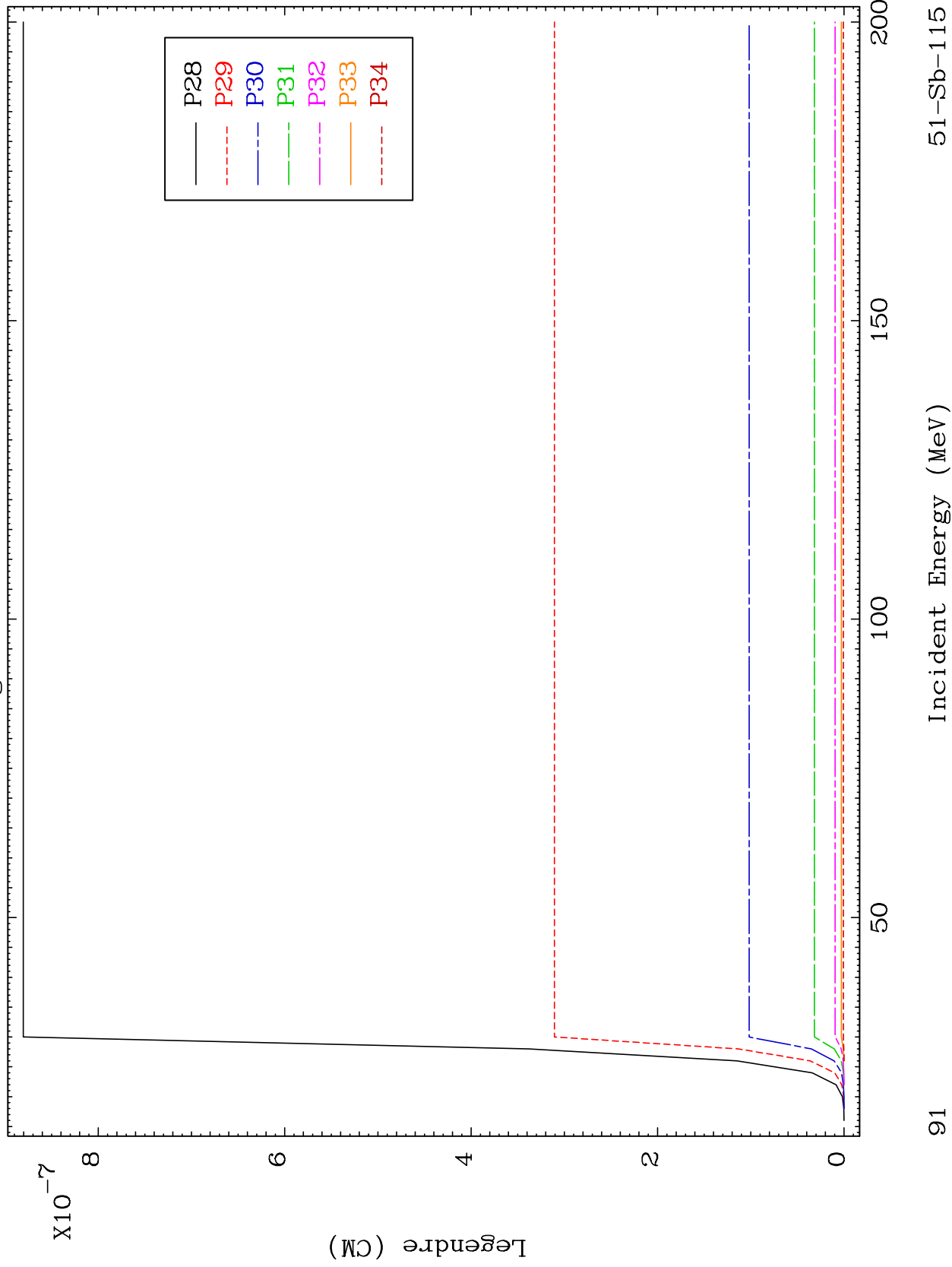
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



91

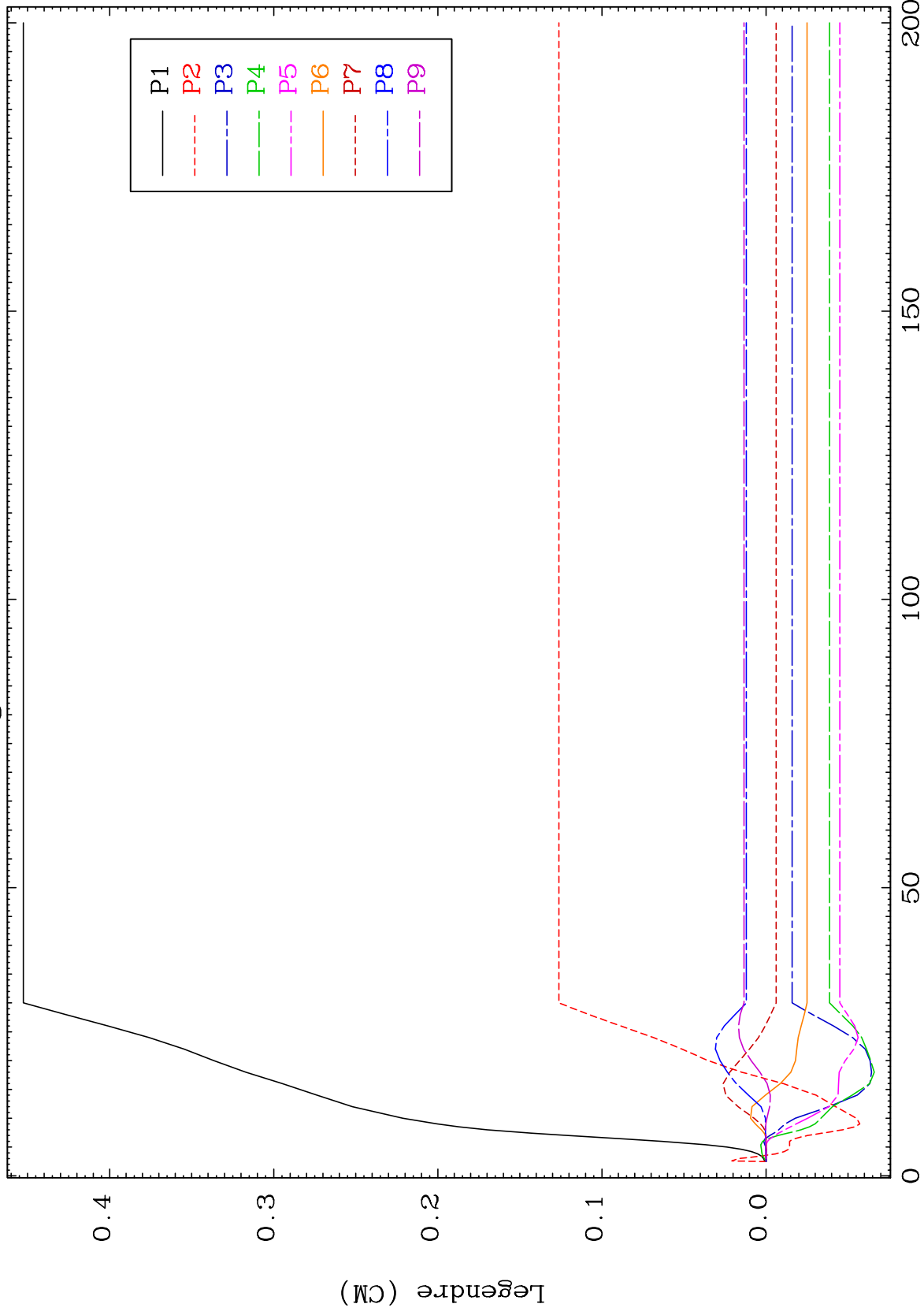
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



92

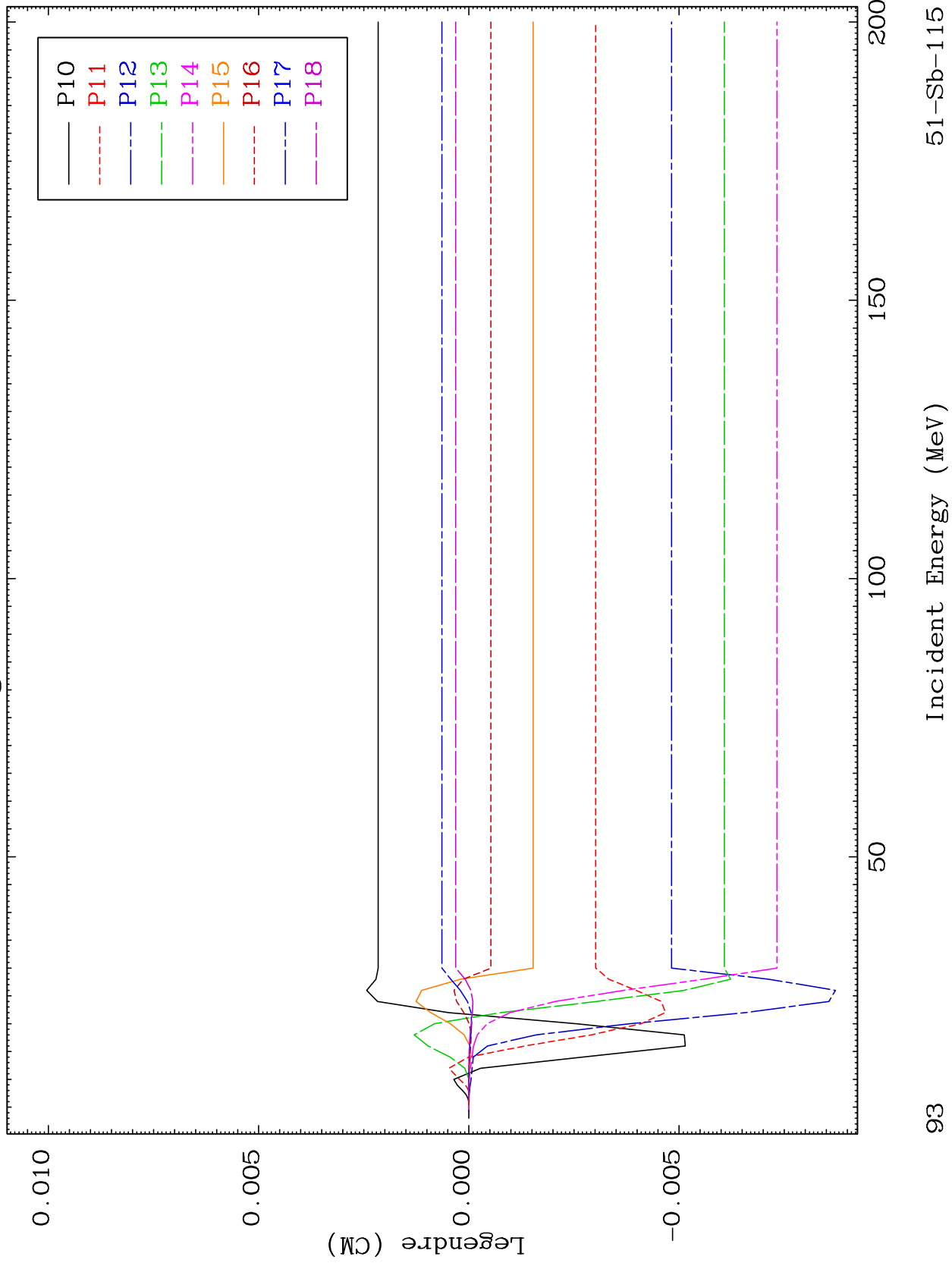
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



93

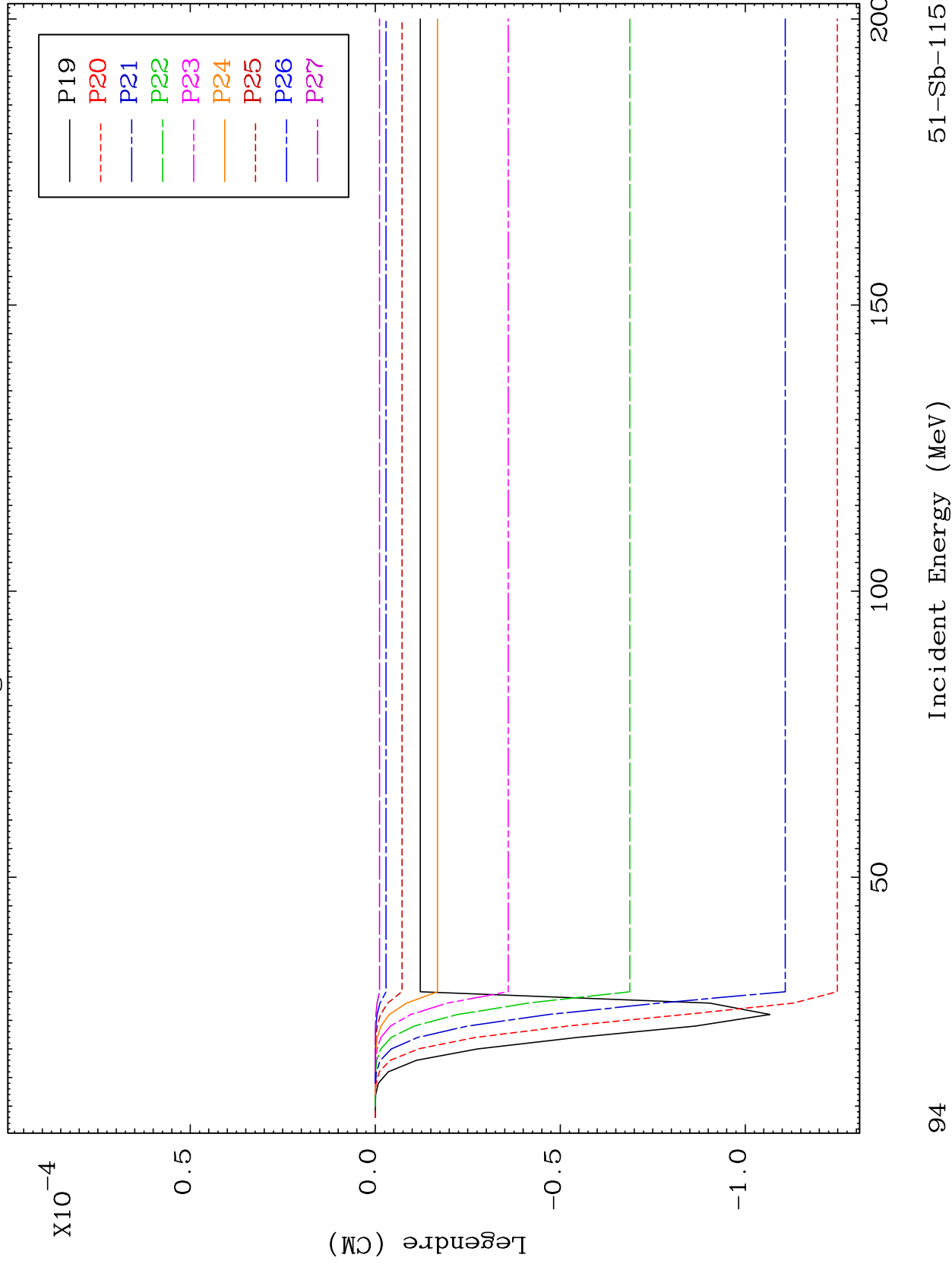
Incident Energy (MeV)

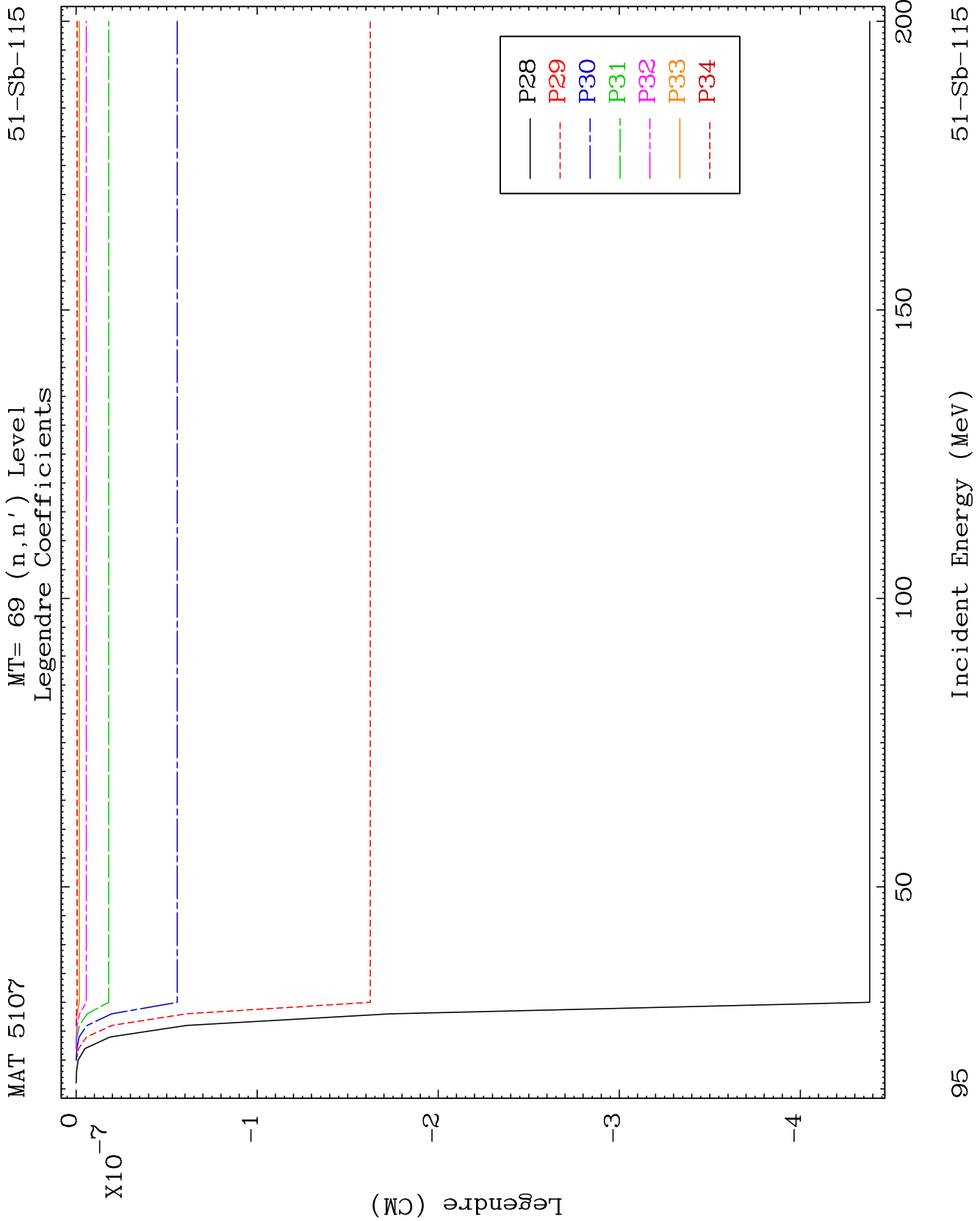
51-Sb-115

MAT 5107

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

51-Sb-115





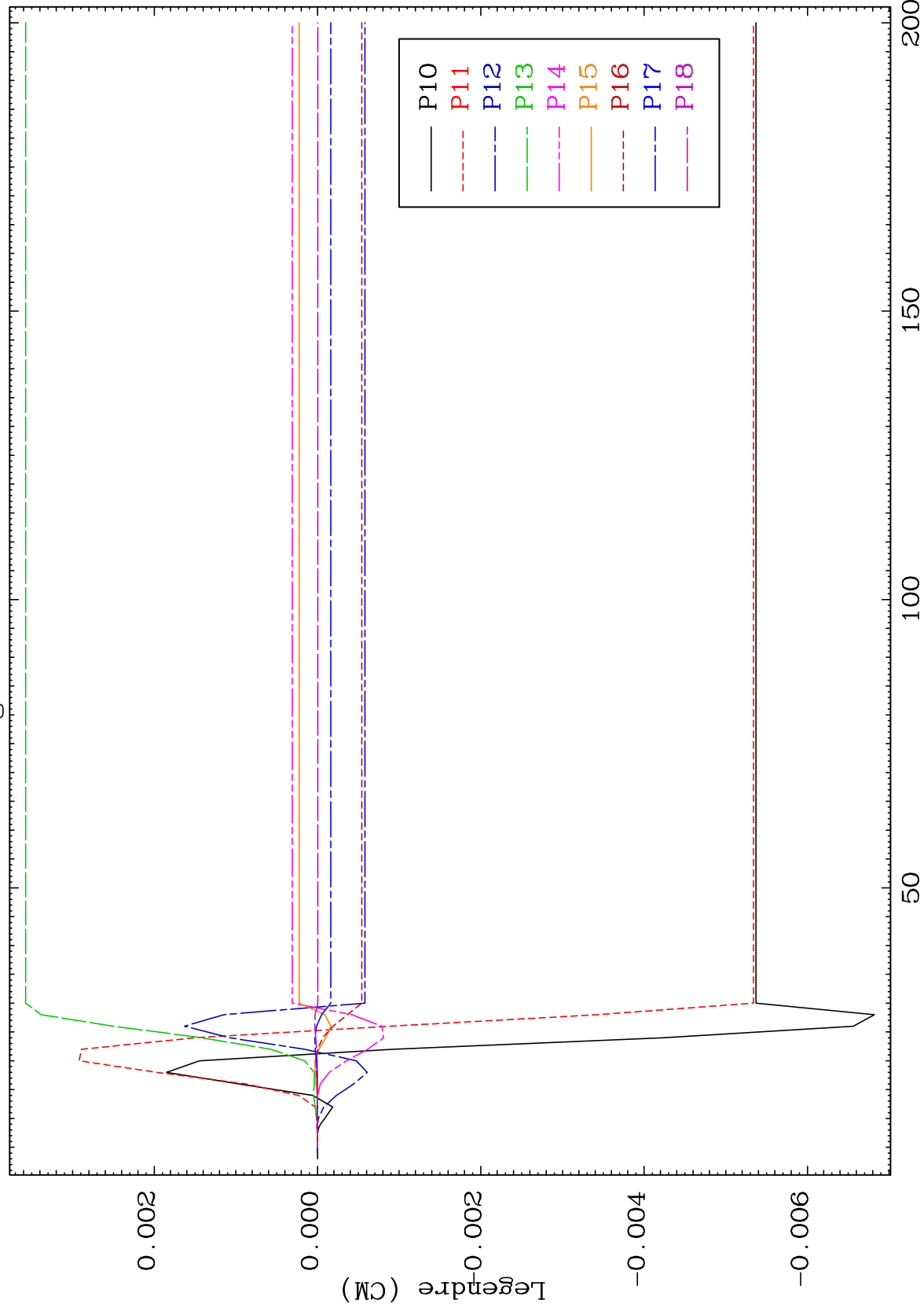




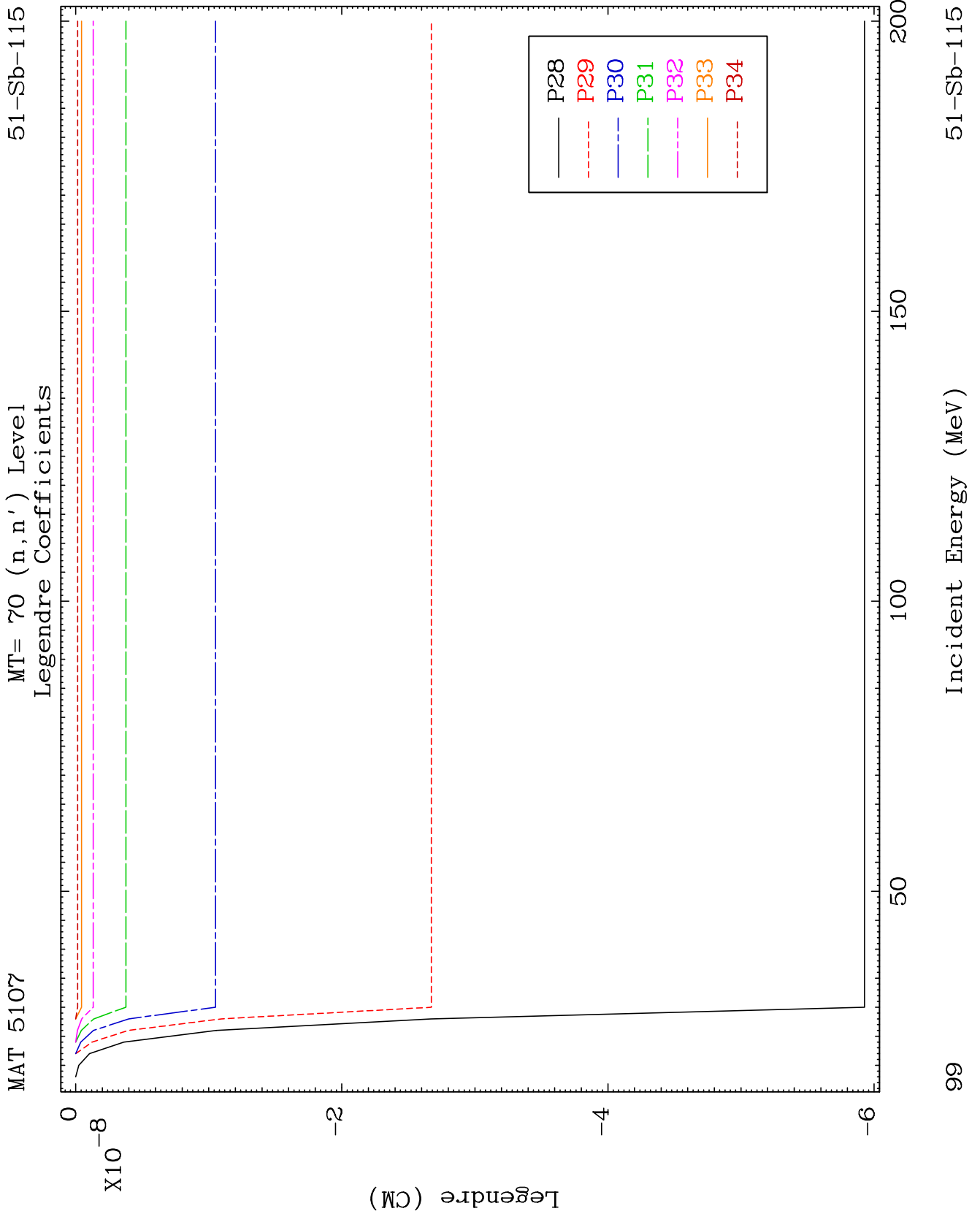
MAT 5107

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

51-Sb-115



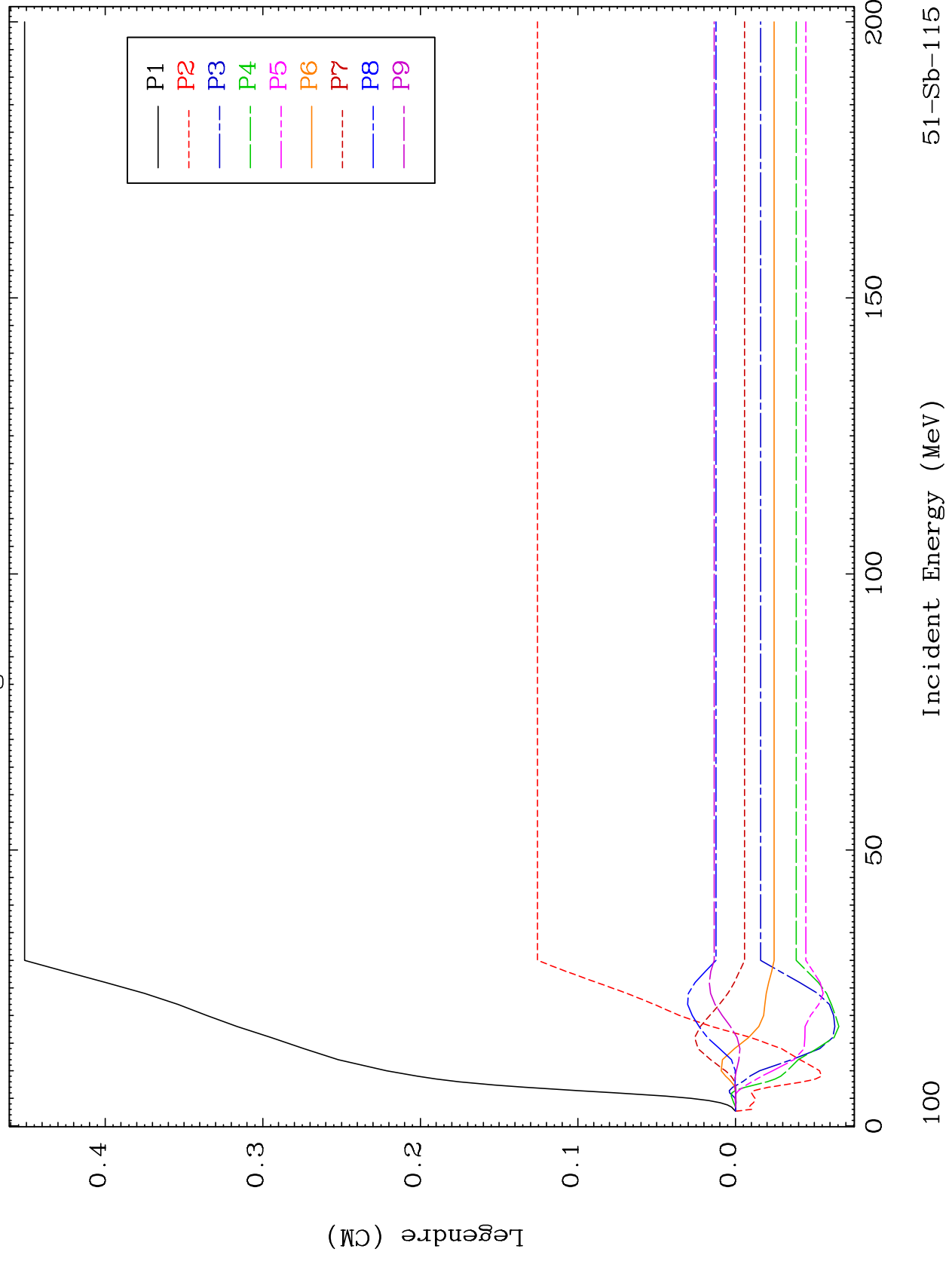




MAT 5107

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

51-Sb-115



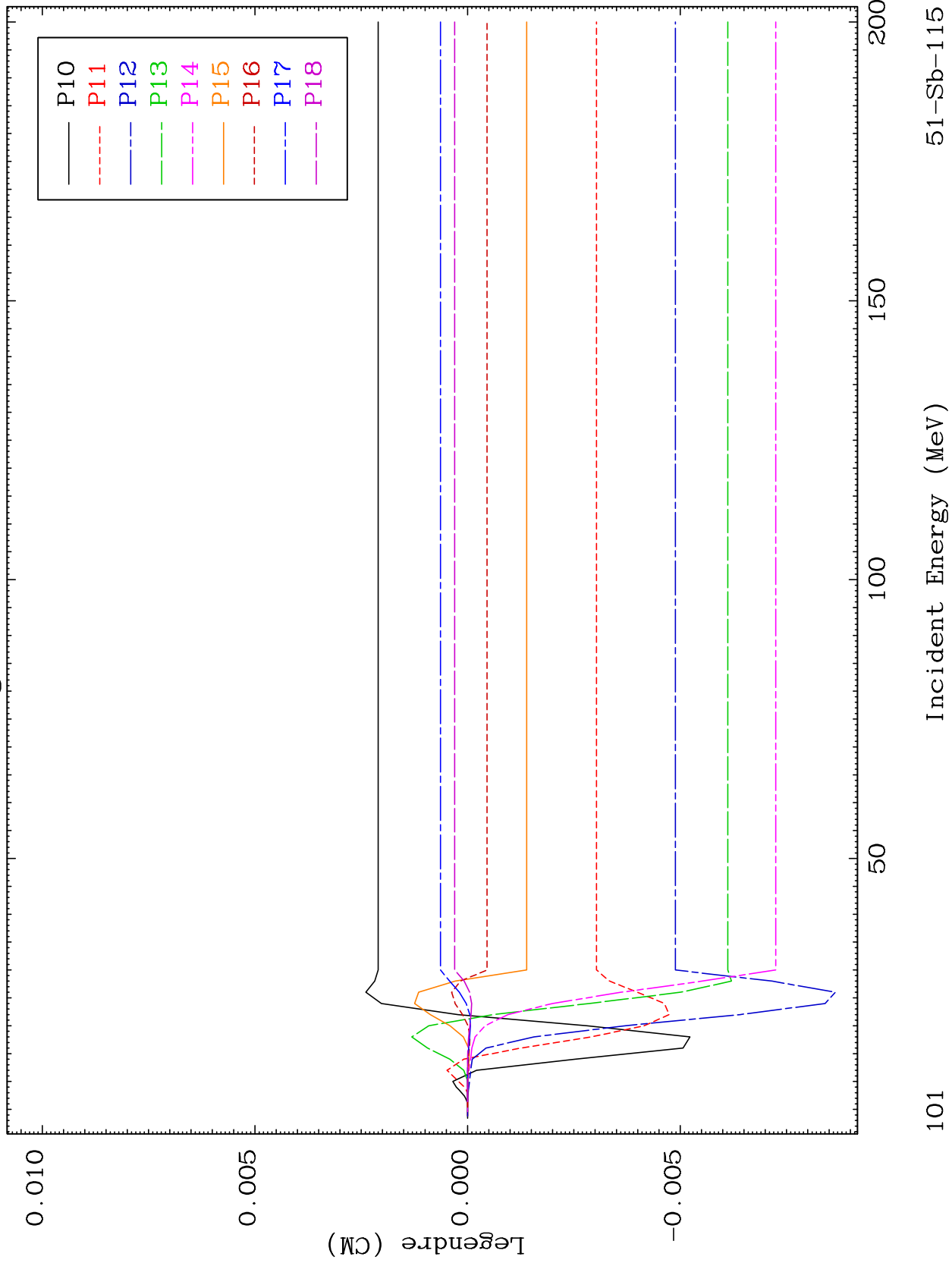
51-Sb-115

Incident Energy (MeV)

MAT 5107

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

51-Sb-115



101

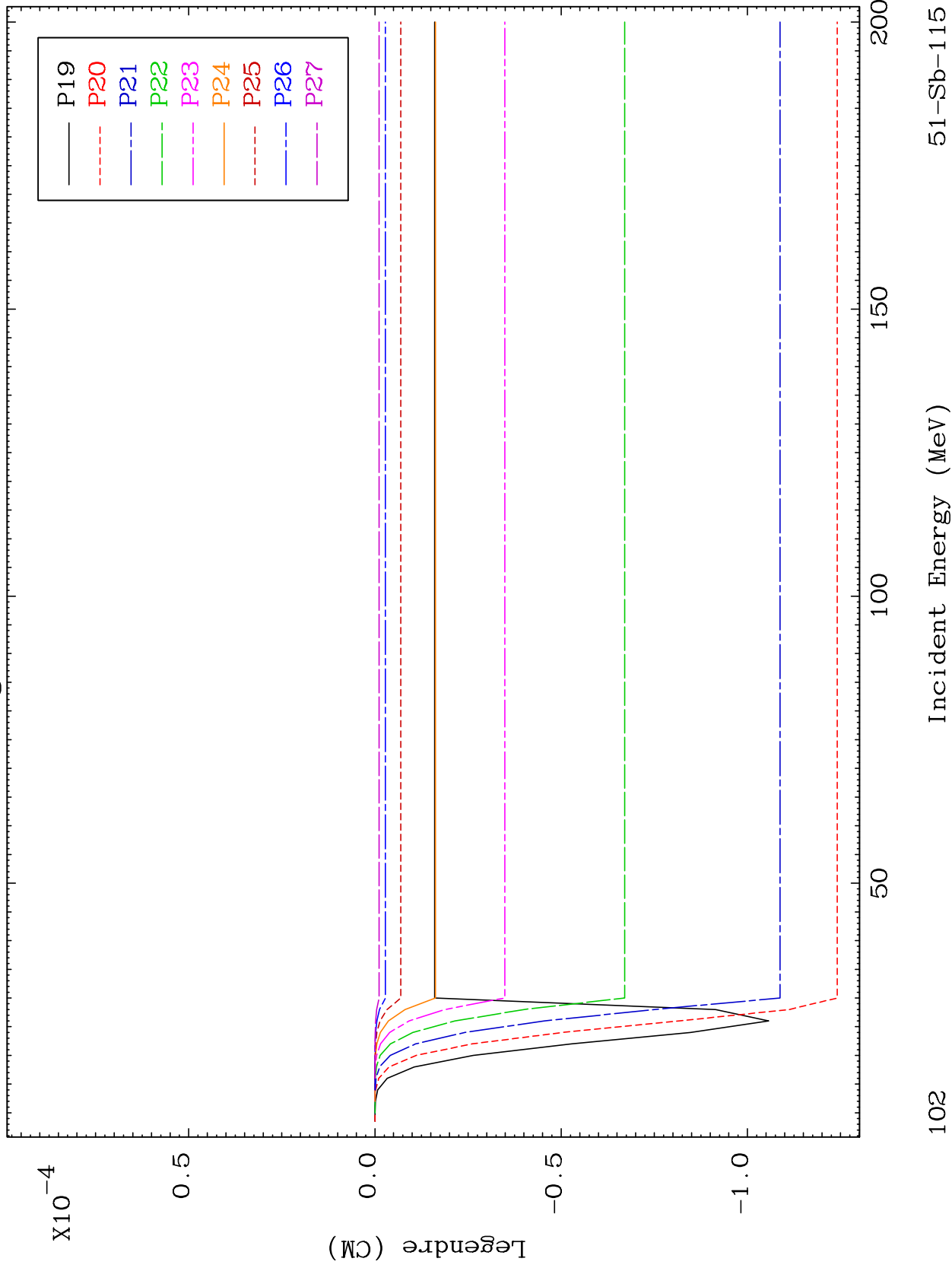
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

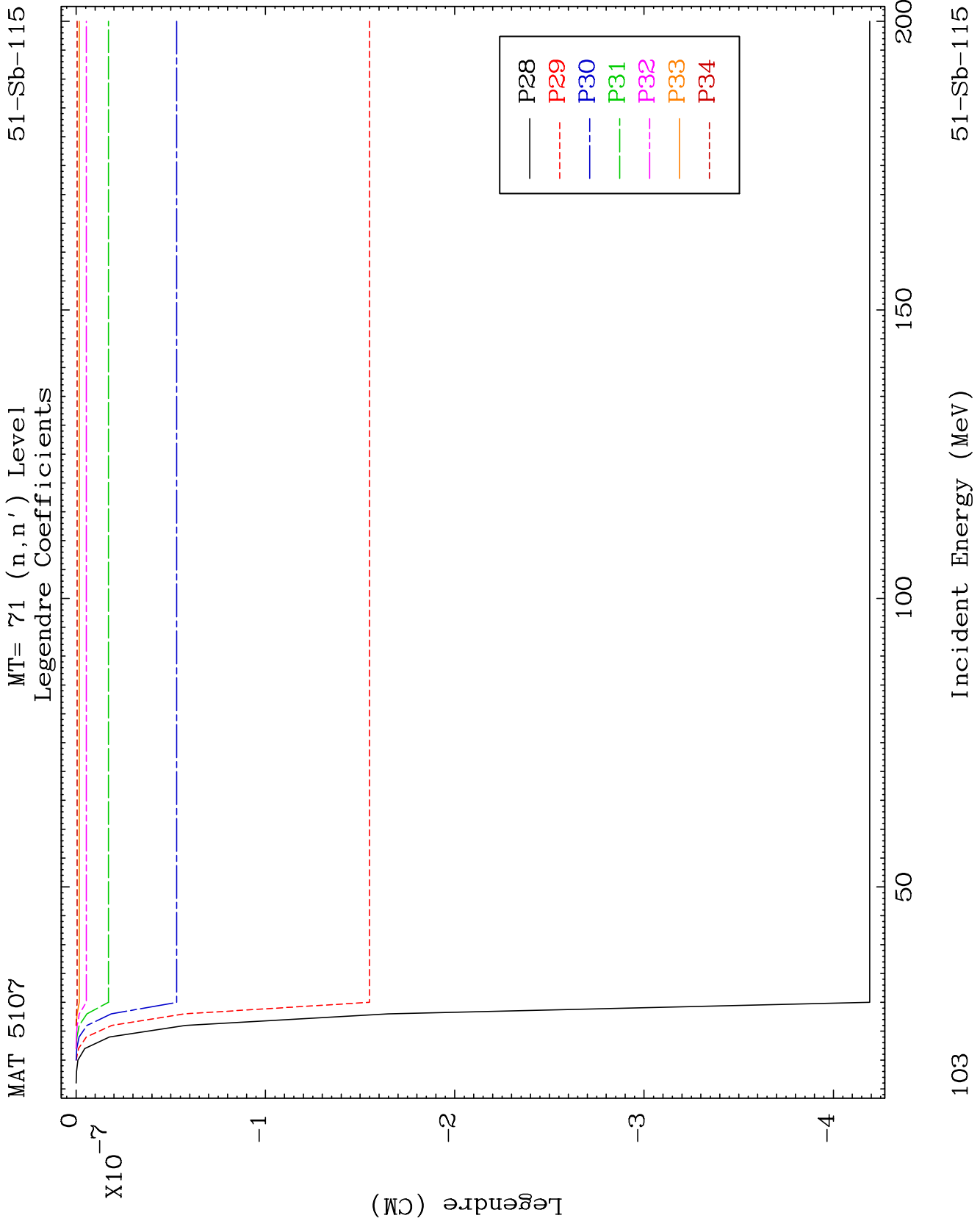
51-Sb-115



102

Incident Energy (MeV)

51-Sb-115

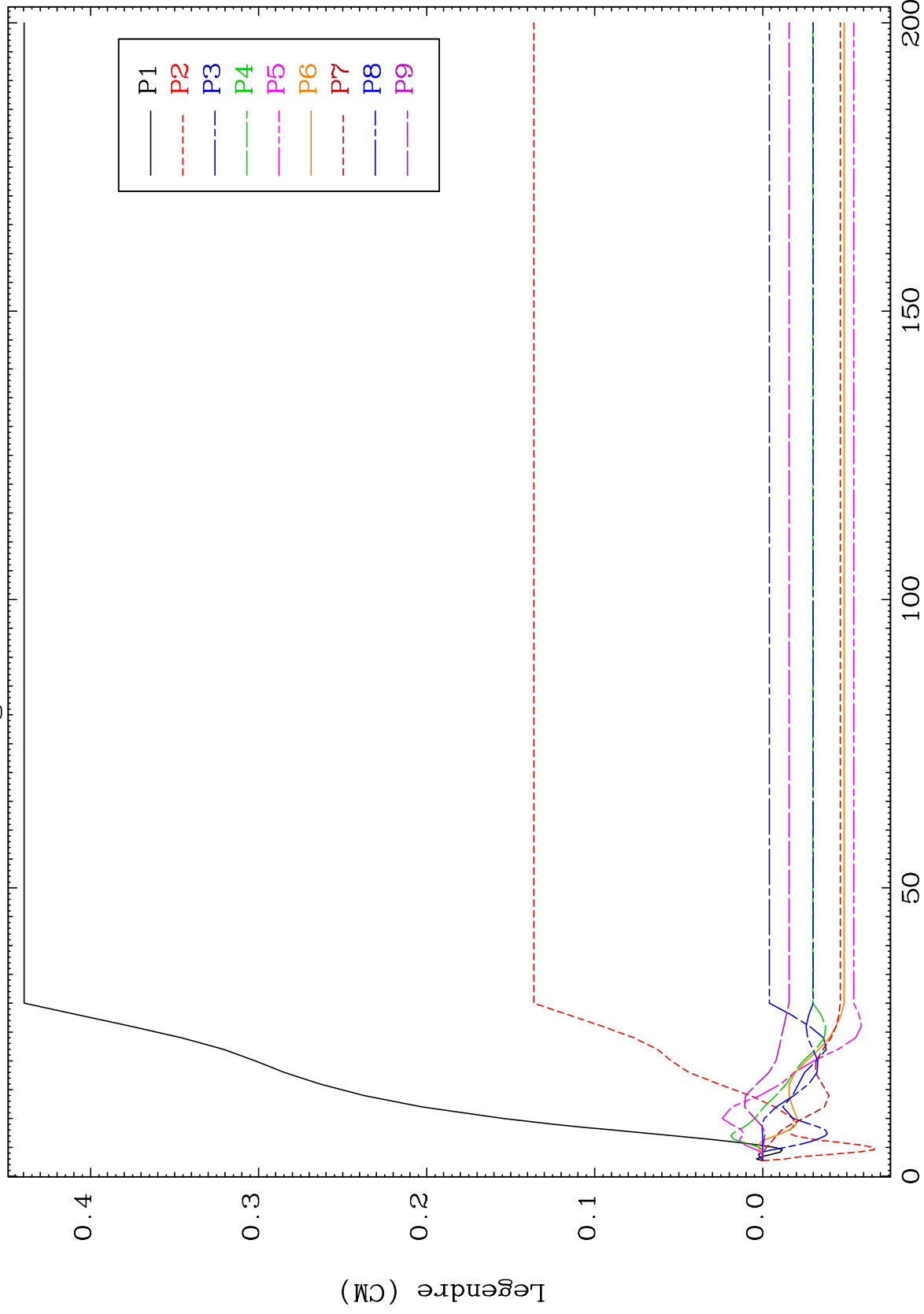




MAT 5107

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

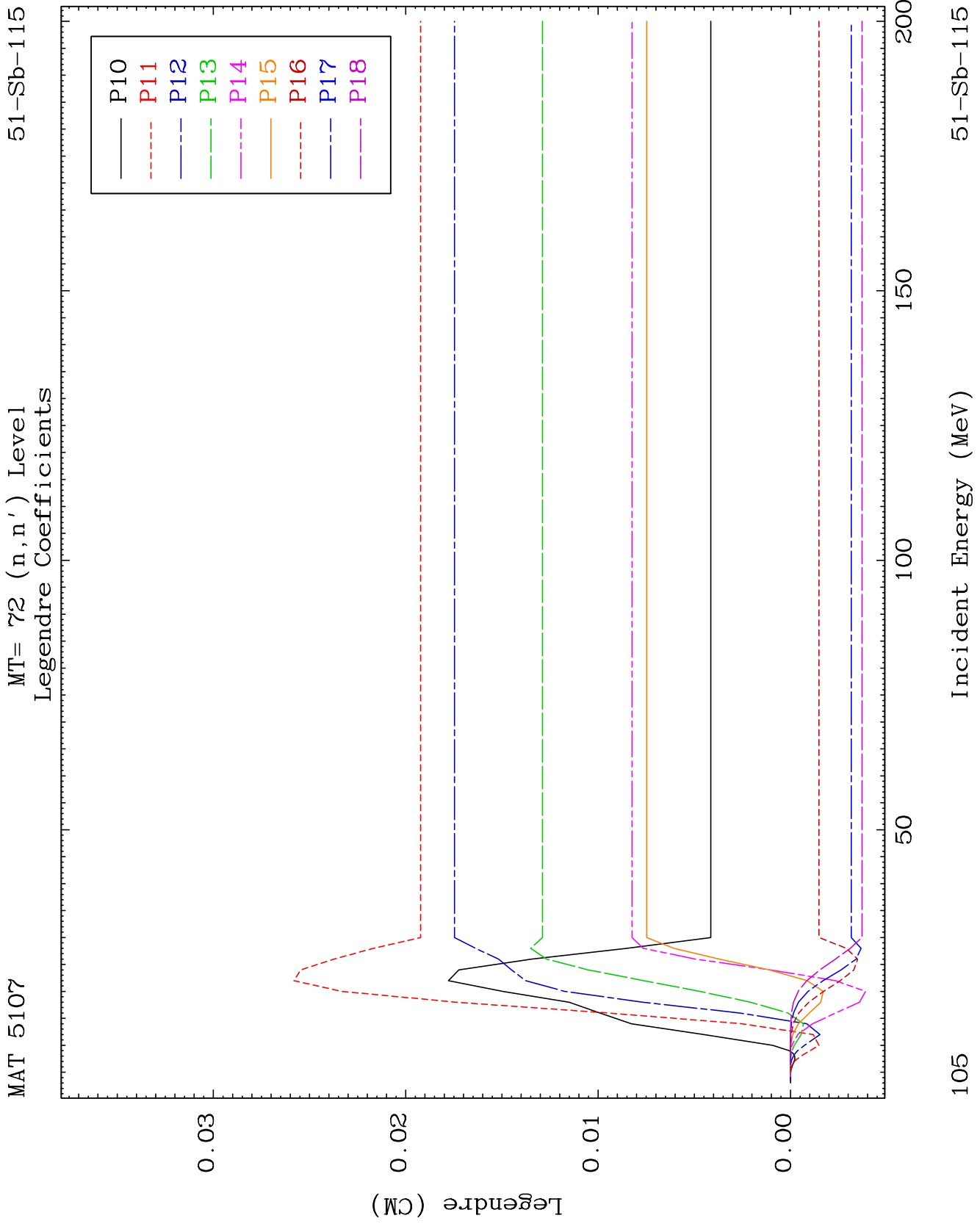
51-Sb-115

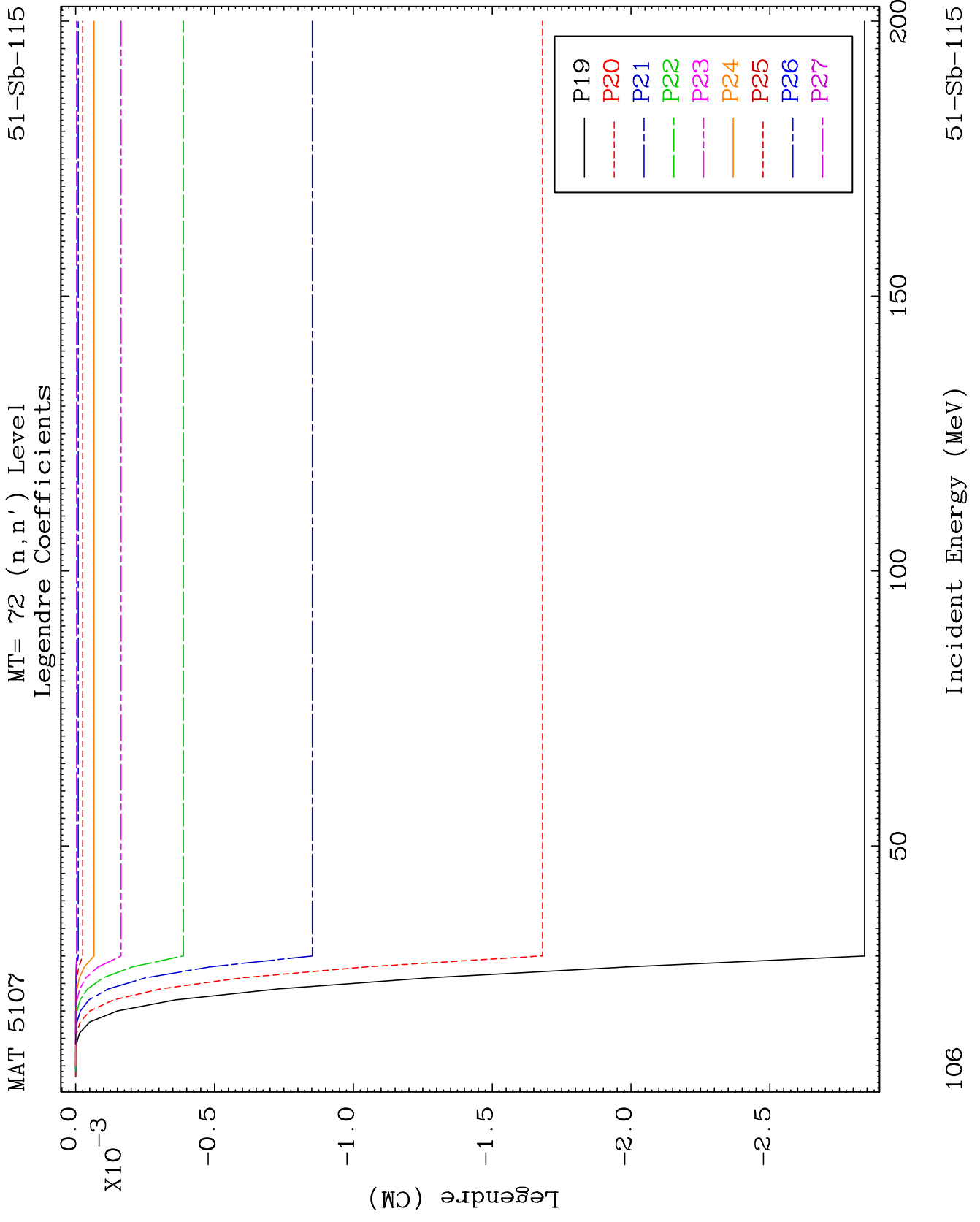


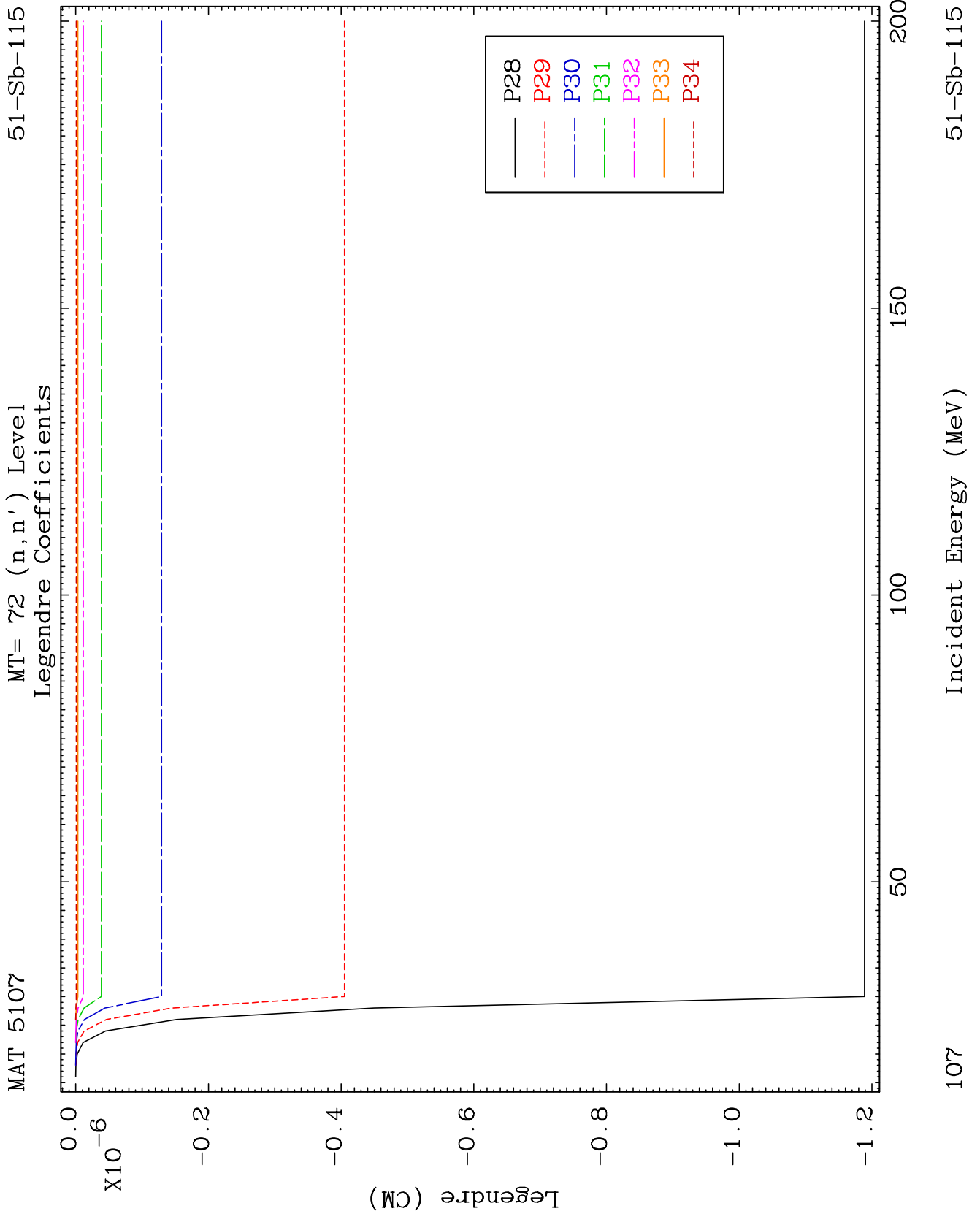
104

Incident Energy (MeV)

51-Sb-115



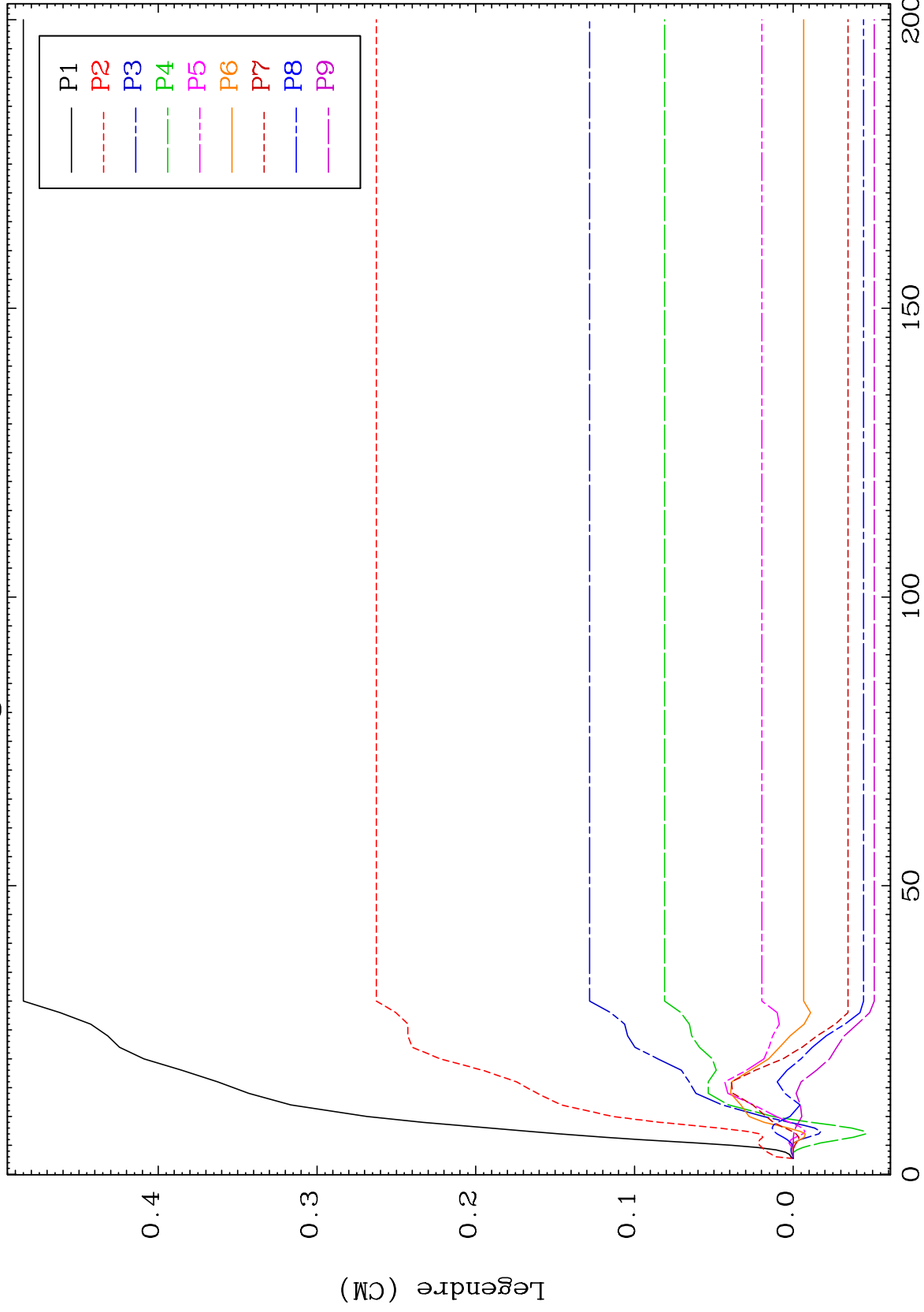




MAT 5107

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

51-Sb-115



108

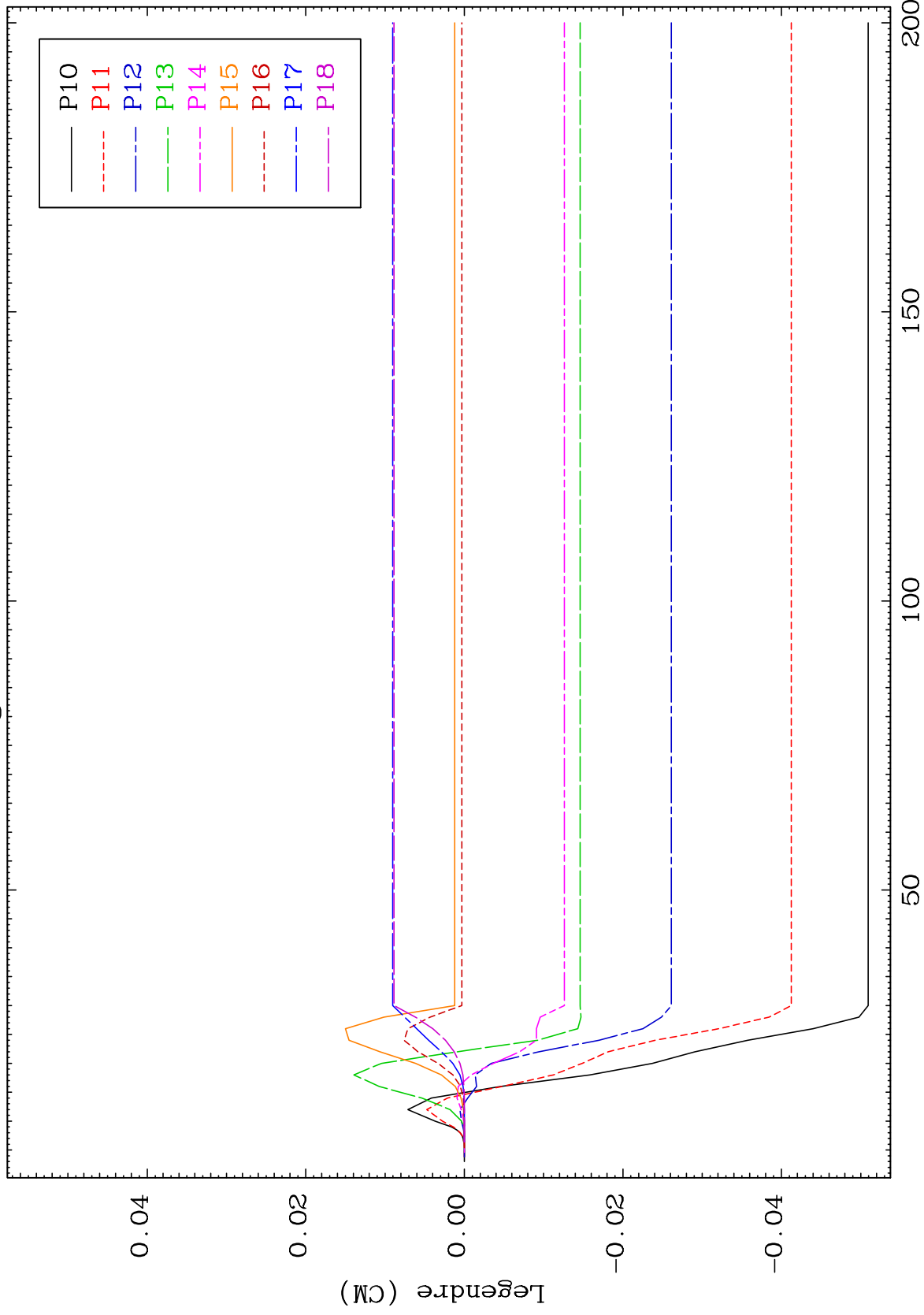
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



109

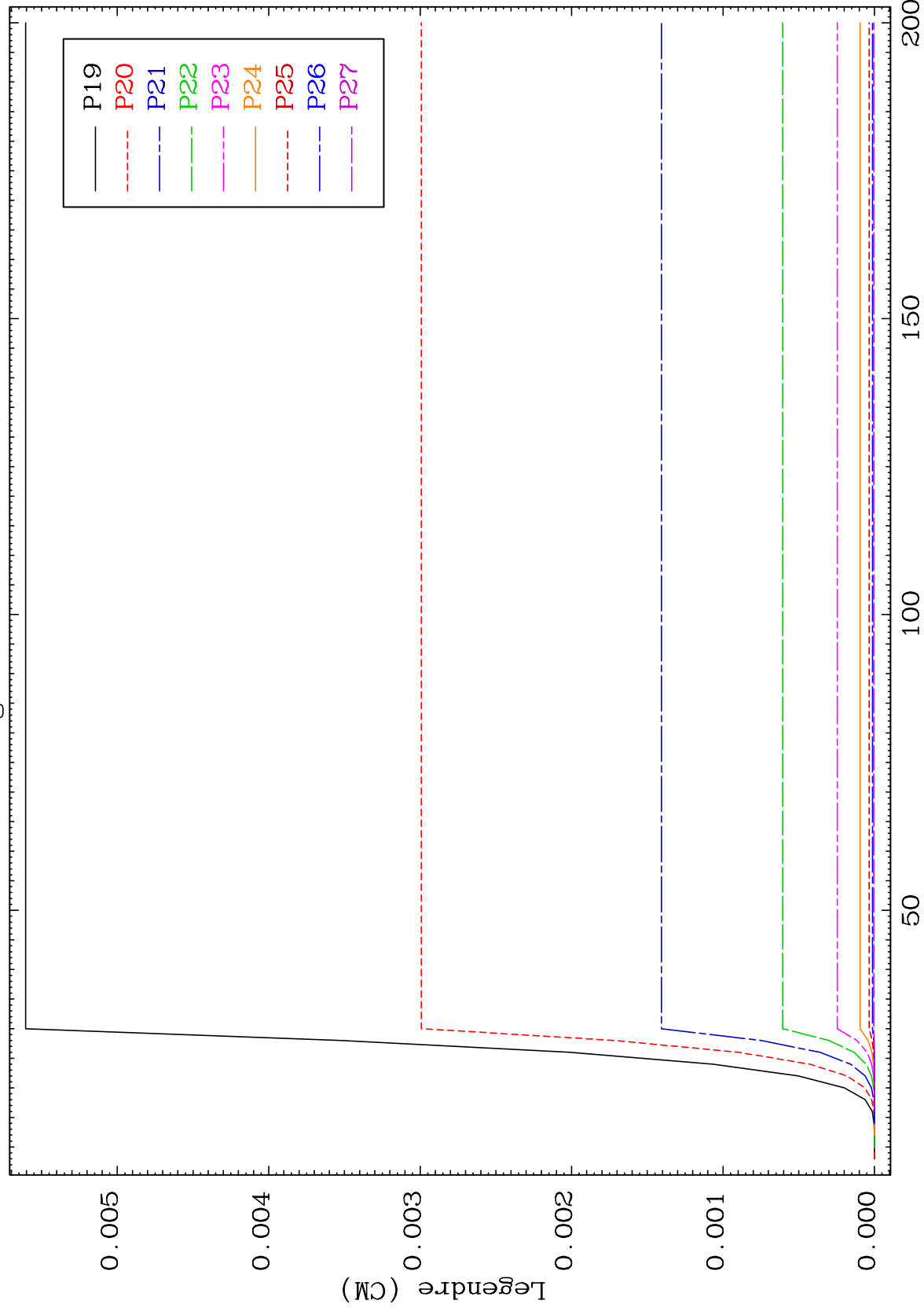
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



110

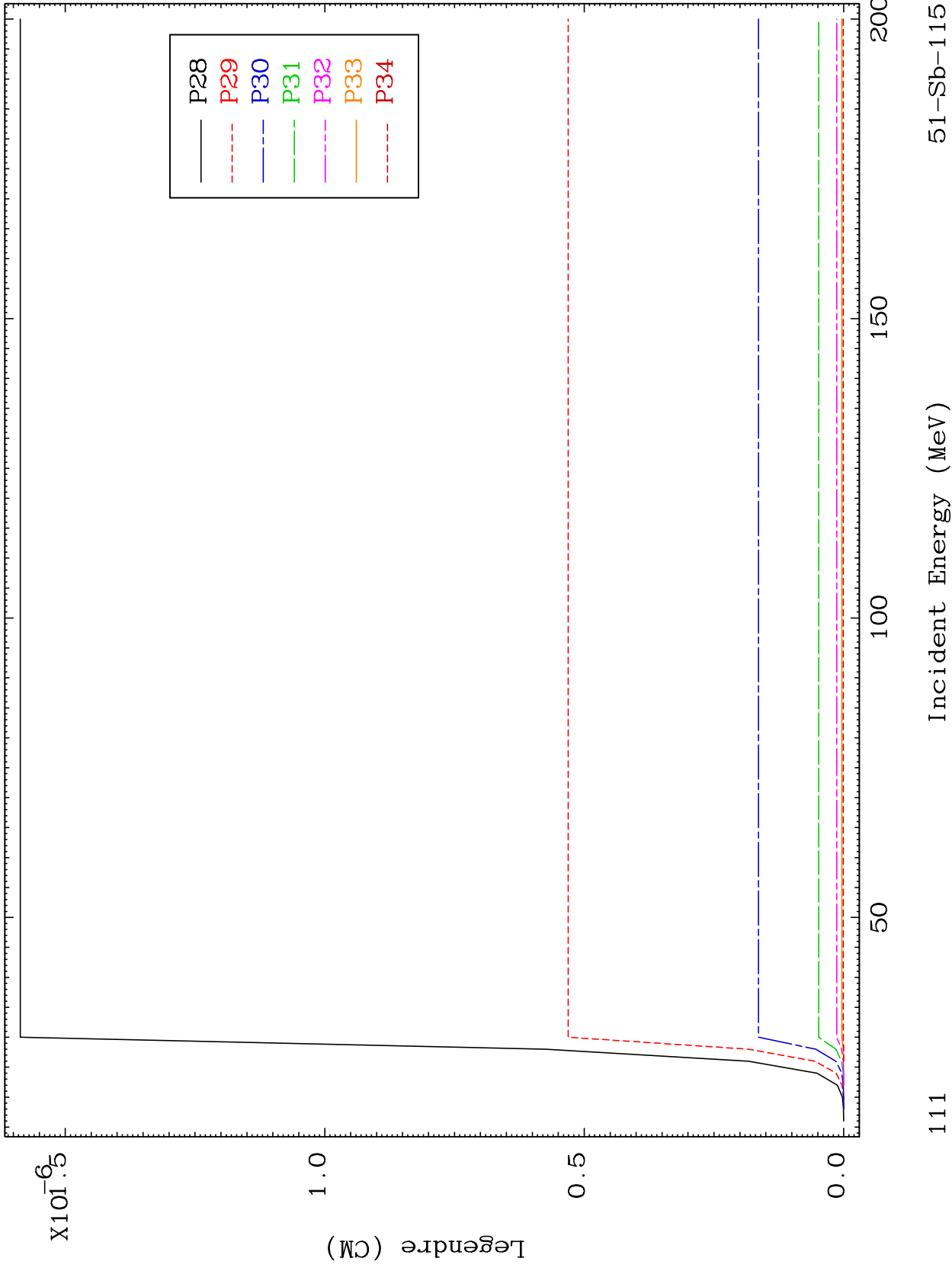
Incident Energy (MeV)

51-Sb-115

MAT 5107

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

51-Sb-115



111

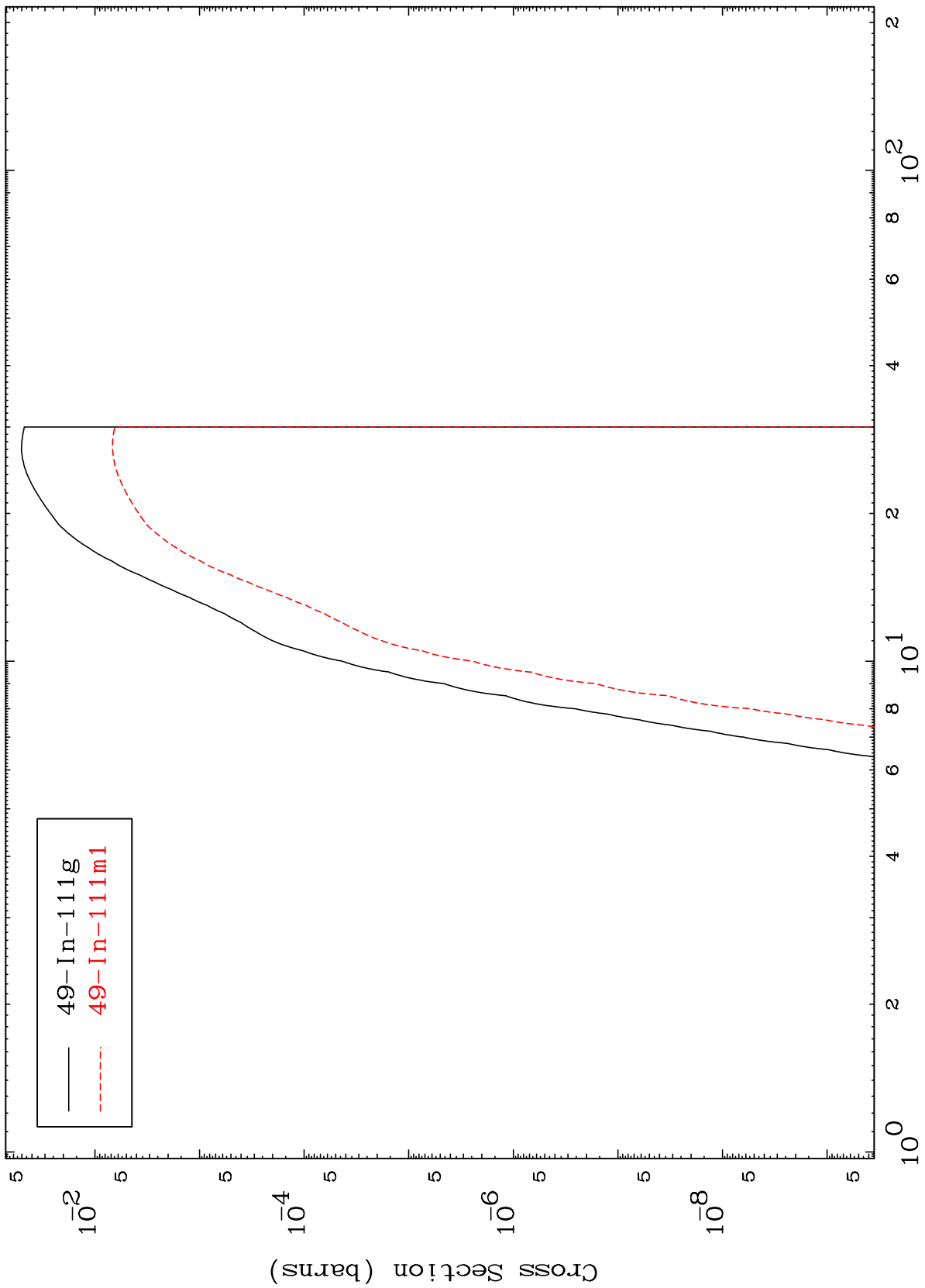


MAT 5107

(n,n')  $\alpha$

51-Sb-115

Radionuclide Production Cross Section



— 49-In-111g  
- - - 49-In-111m1

112

Incident Energy (MeV)

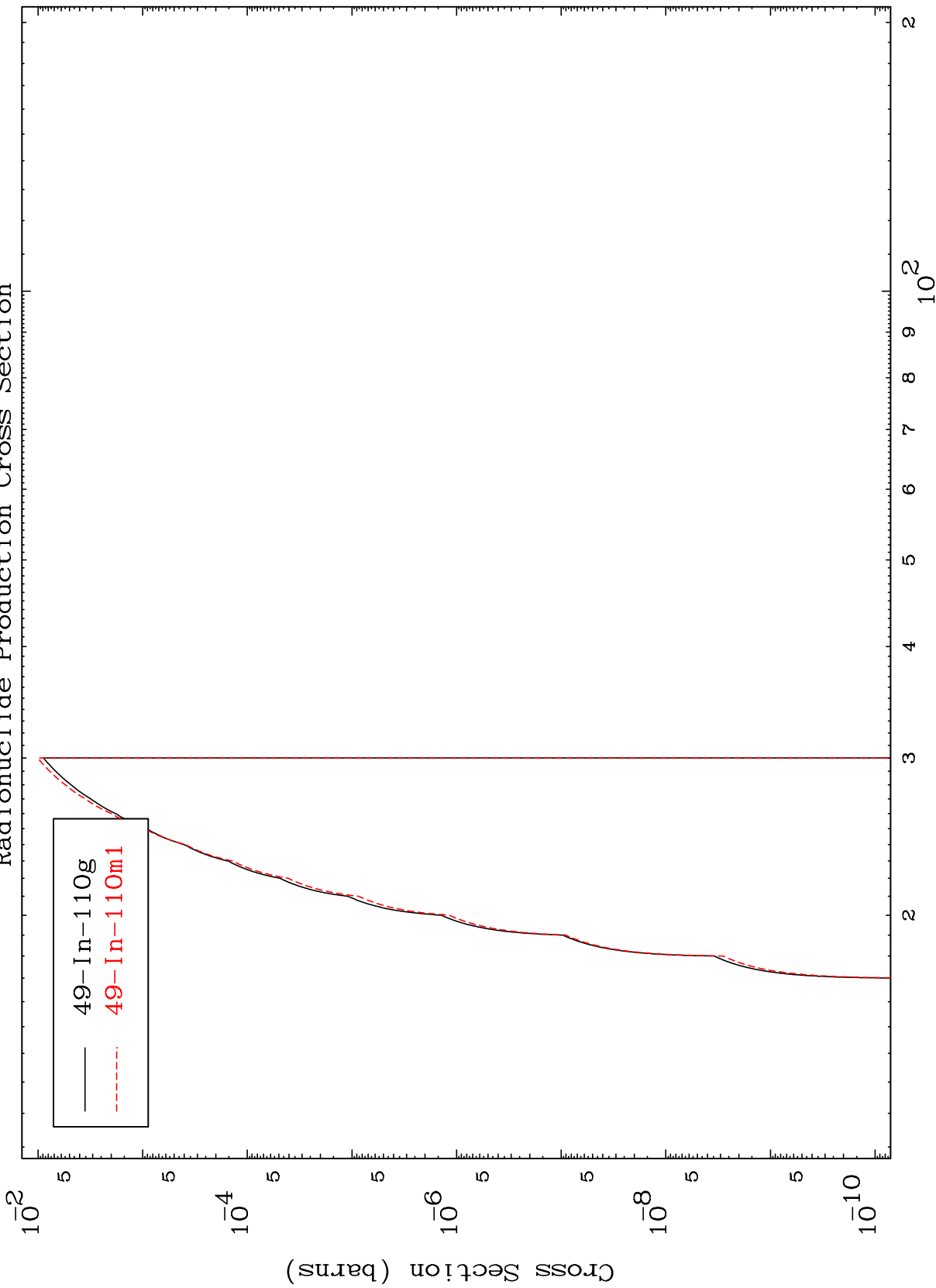
51-Sb-115

MAT 5107

(n,2n)  $\alpha$

51-Sb-115

Radionuclide Production Cross Section



113

Incident Energy (MeV)

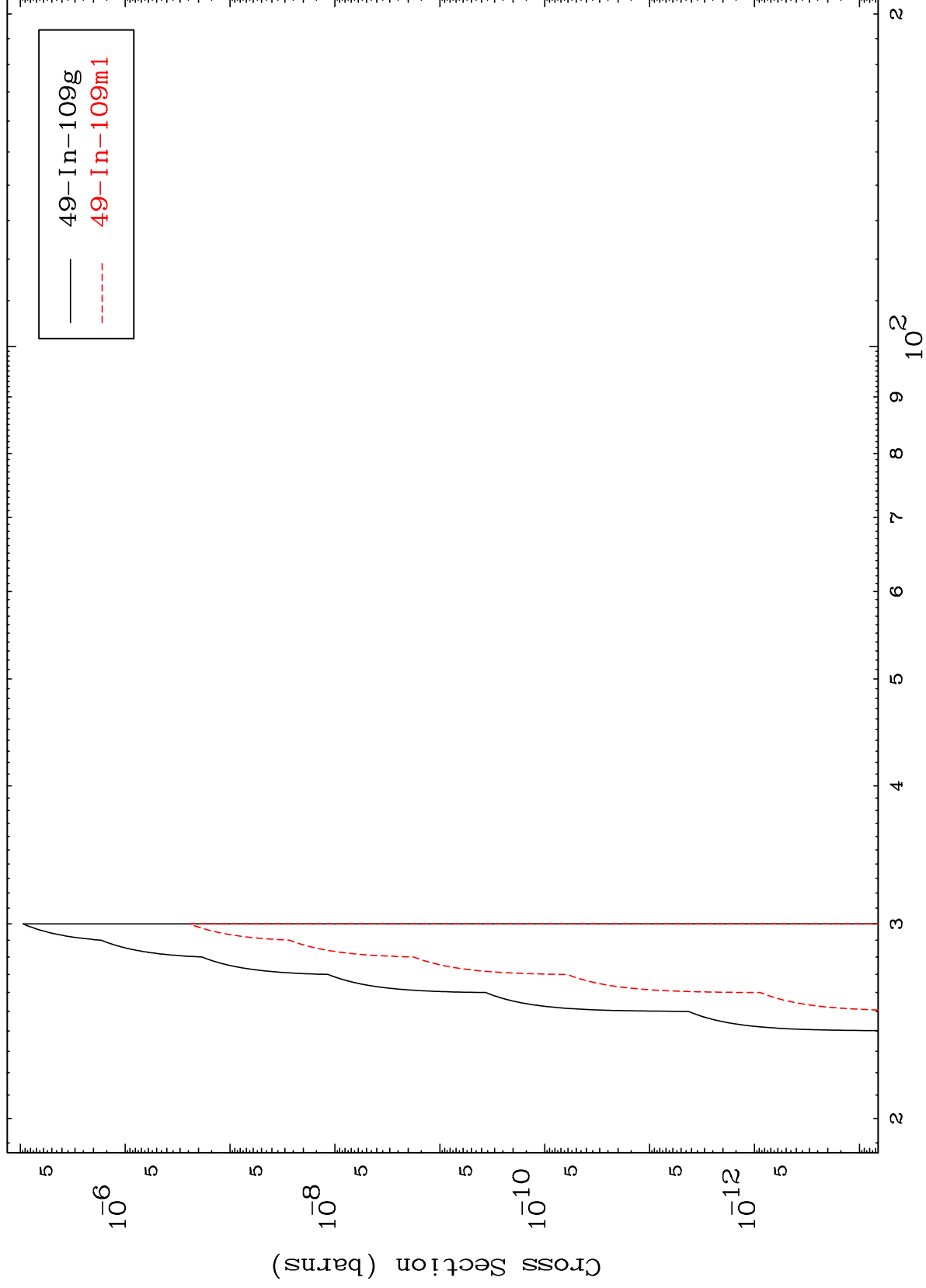
51-Sb-115

MAT 5107

(n,3n)  $\alpha$

51-Sb-115

Radionuclide Production Cross Section



114

Incident Energy (MeV)

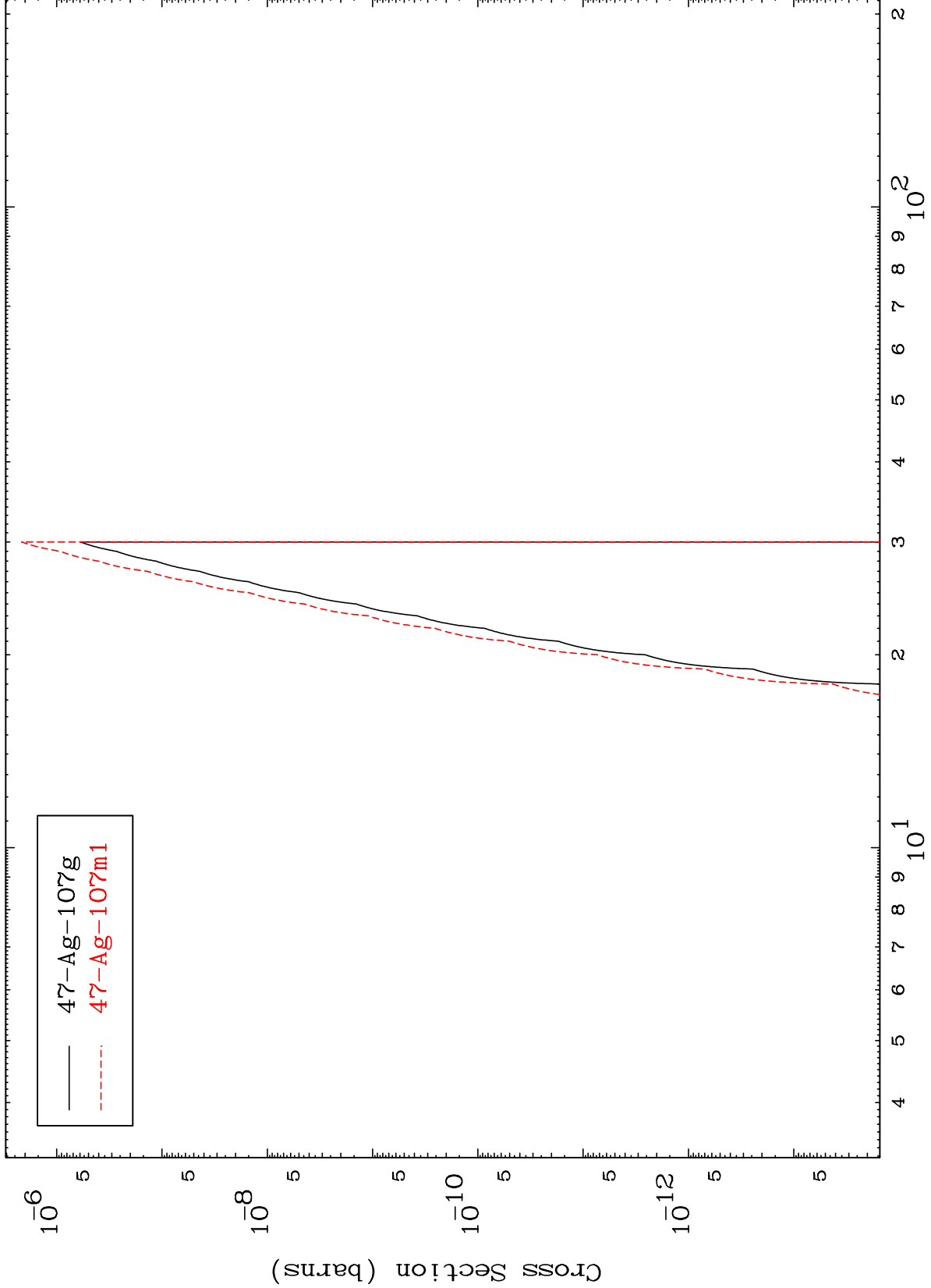
51-Sb-115

MAT 5107

(n,n') 2α

51-Sb-115

Radionuclide Production Cross Section



— 47-Ag-107g  
- - - 47-Ag-107m1

115

Incident Energy (MeV)

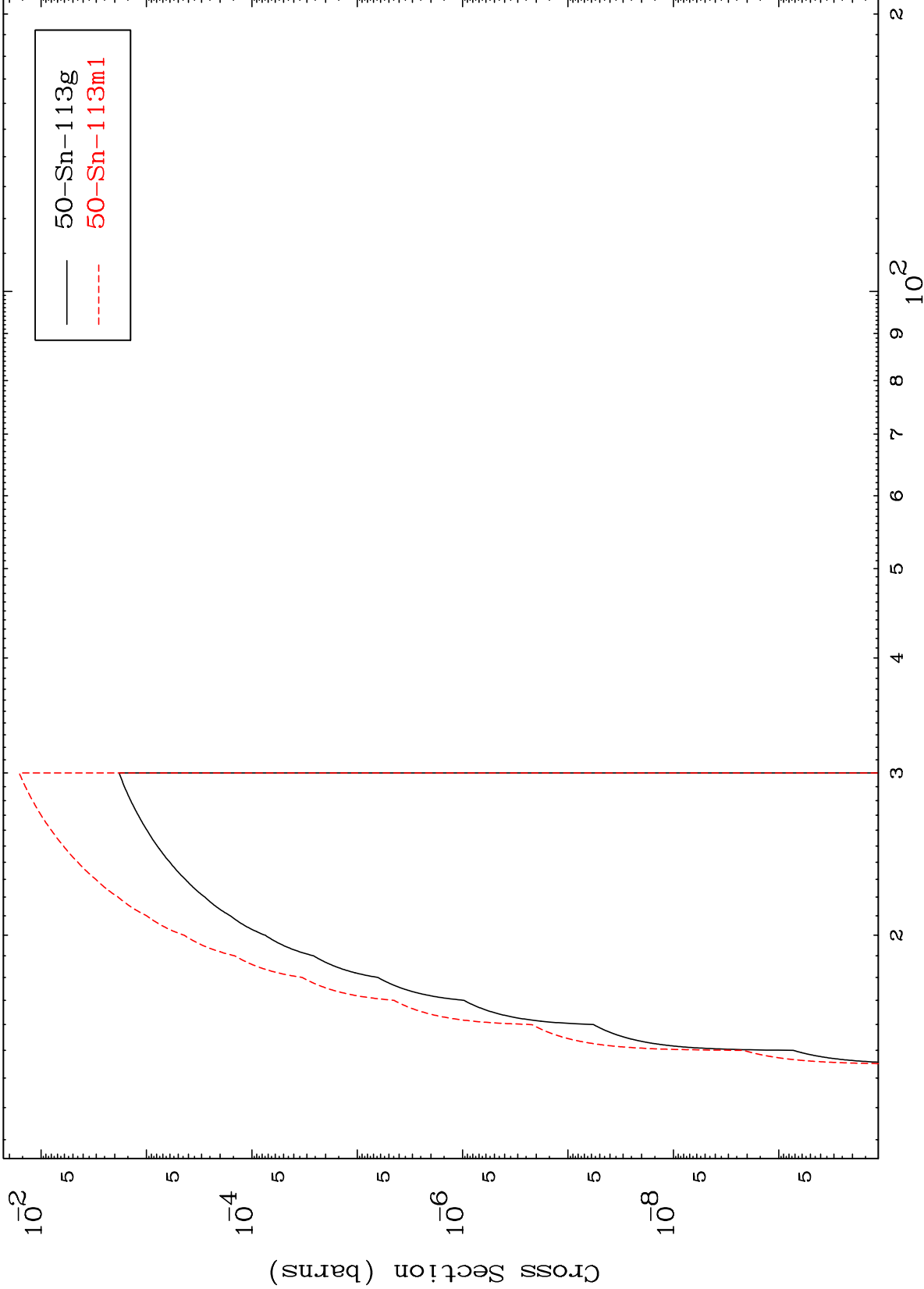
51-Sb-115

MAT 5107

(n,n') d

51-Sb-115

Radionuclide Production Cross Section



116

Incident Energy (MeV)

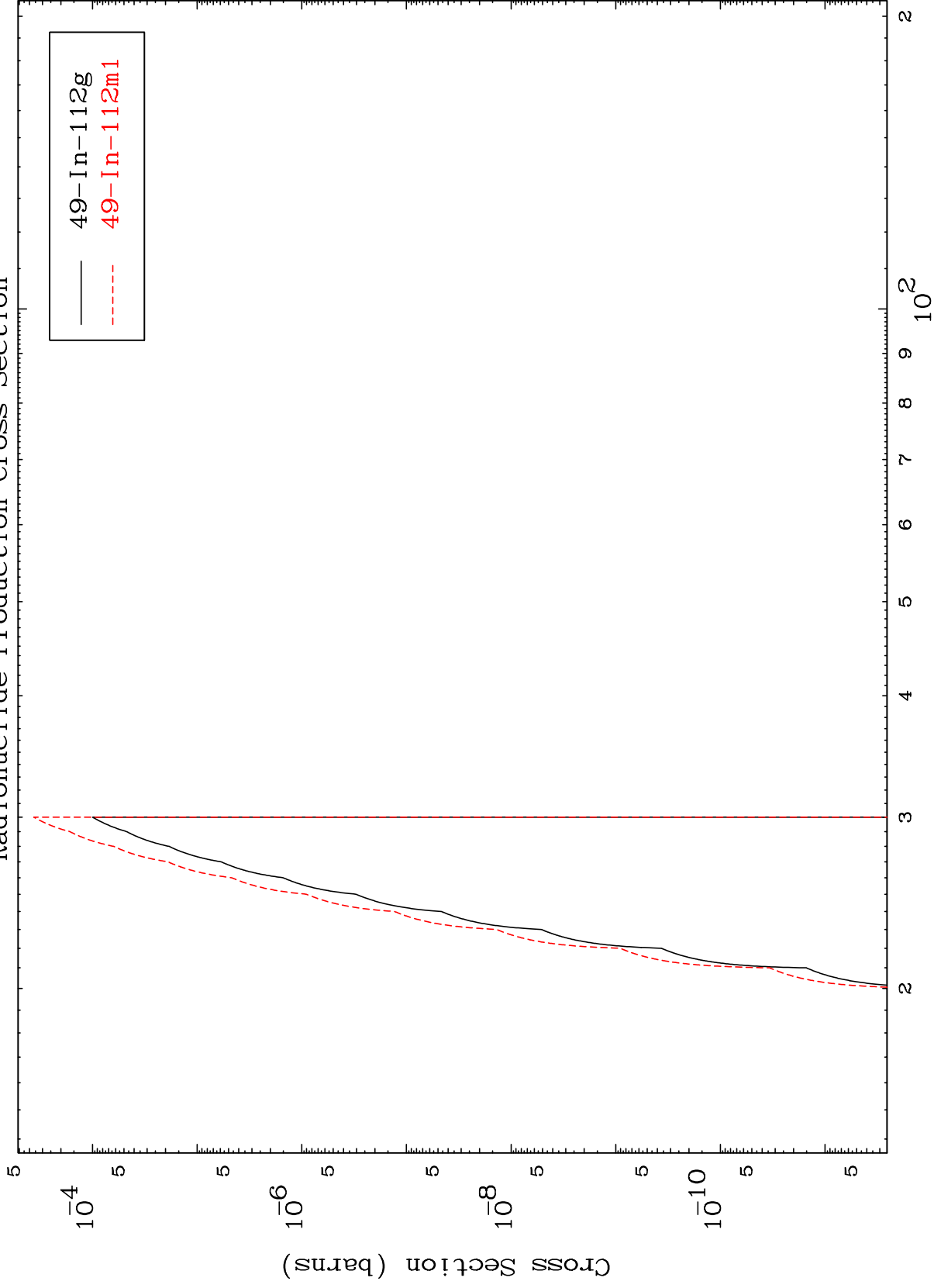
51-Sb-115

MAT 5107

(n,n') He-3

51-Sb-115

Radionuclide Production Cross Section

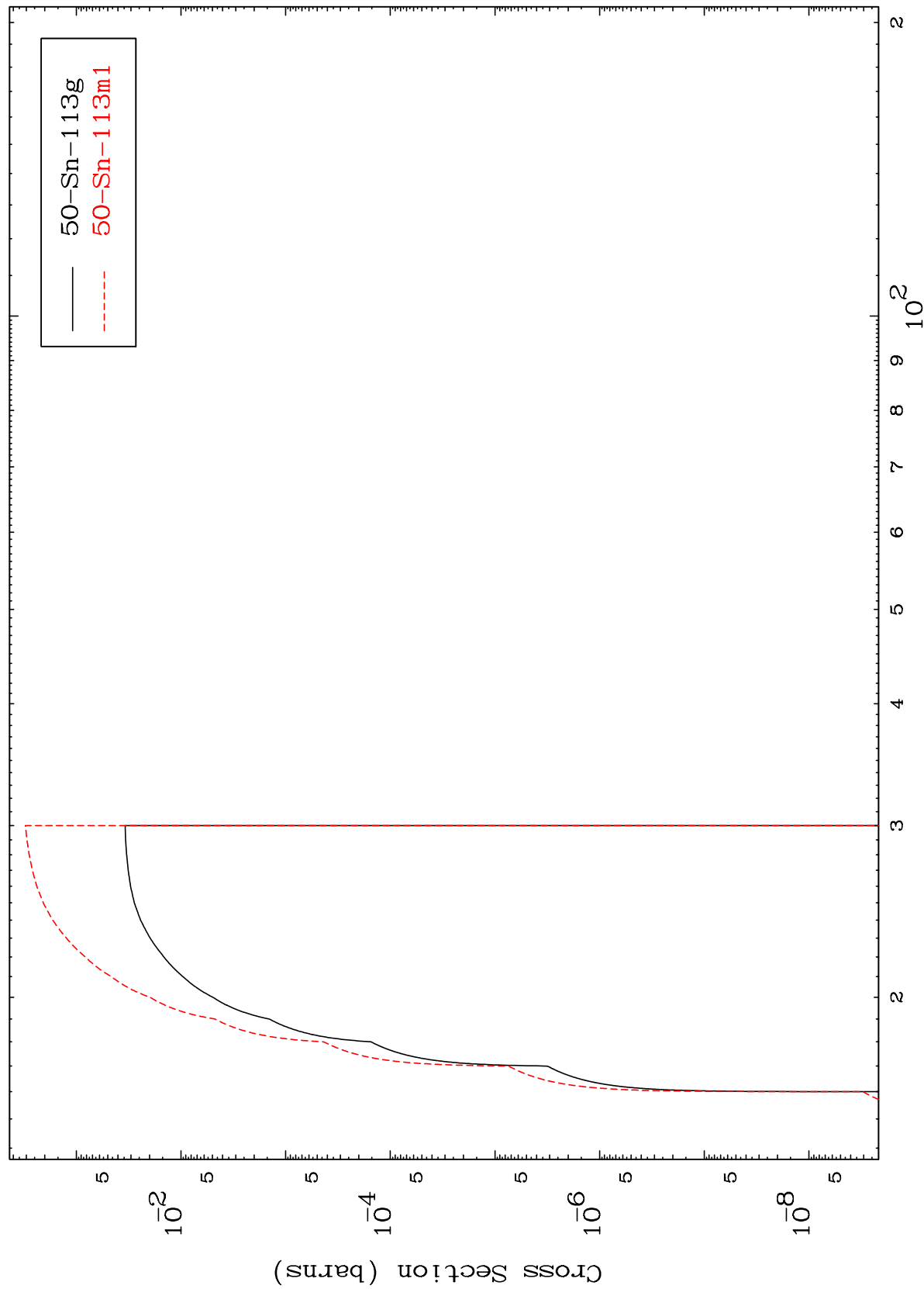


117

Incident Energy (MeV)

51-Sb-115

Radionuclide Production Cross Section

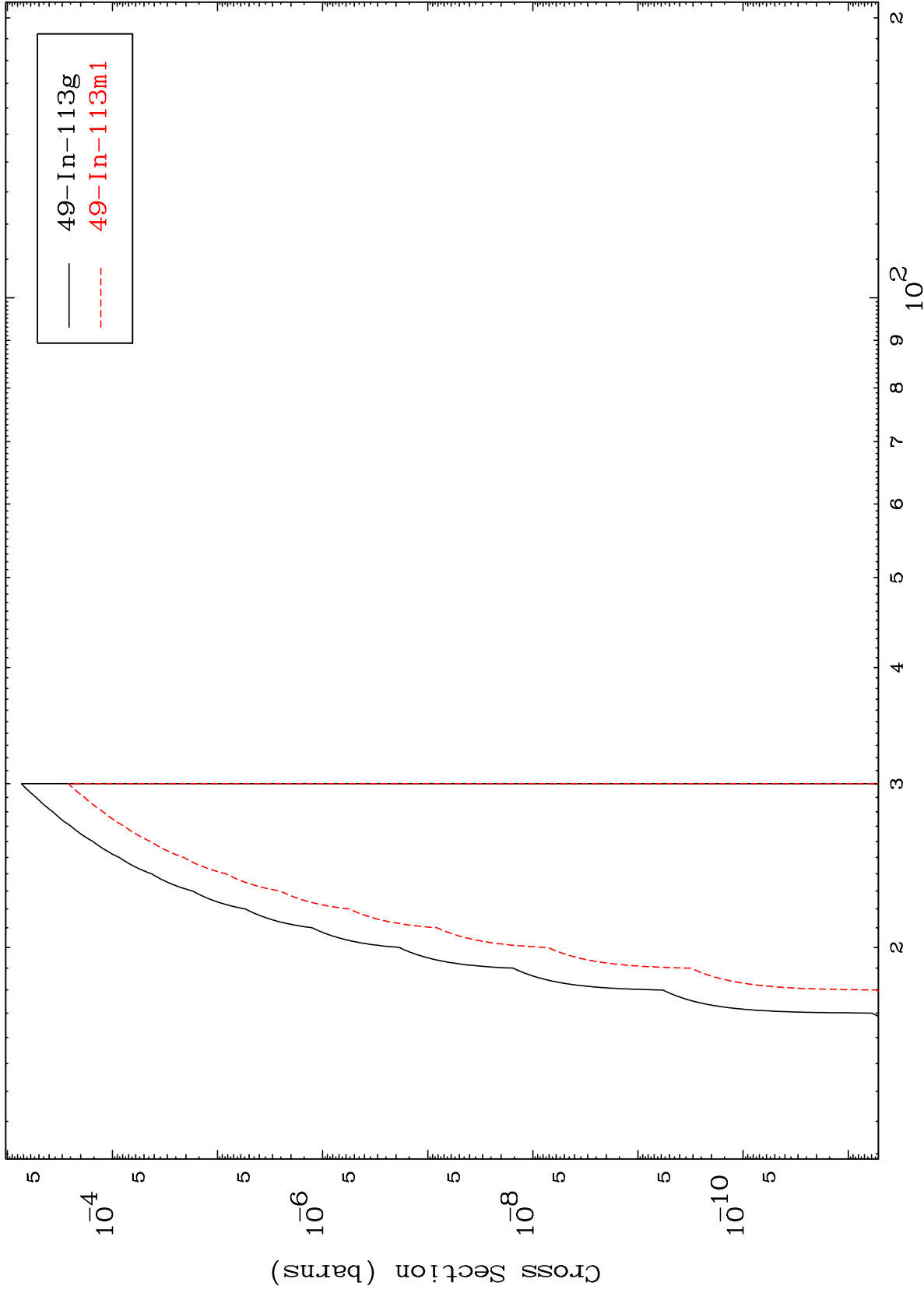


MAT 5107

(n,2n) p

51-Sb-115

Radionuclide Production Cross Section



119

Incident Energy (MeV)

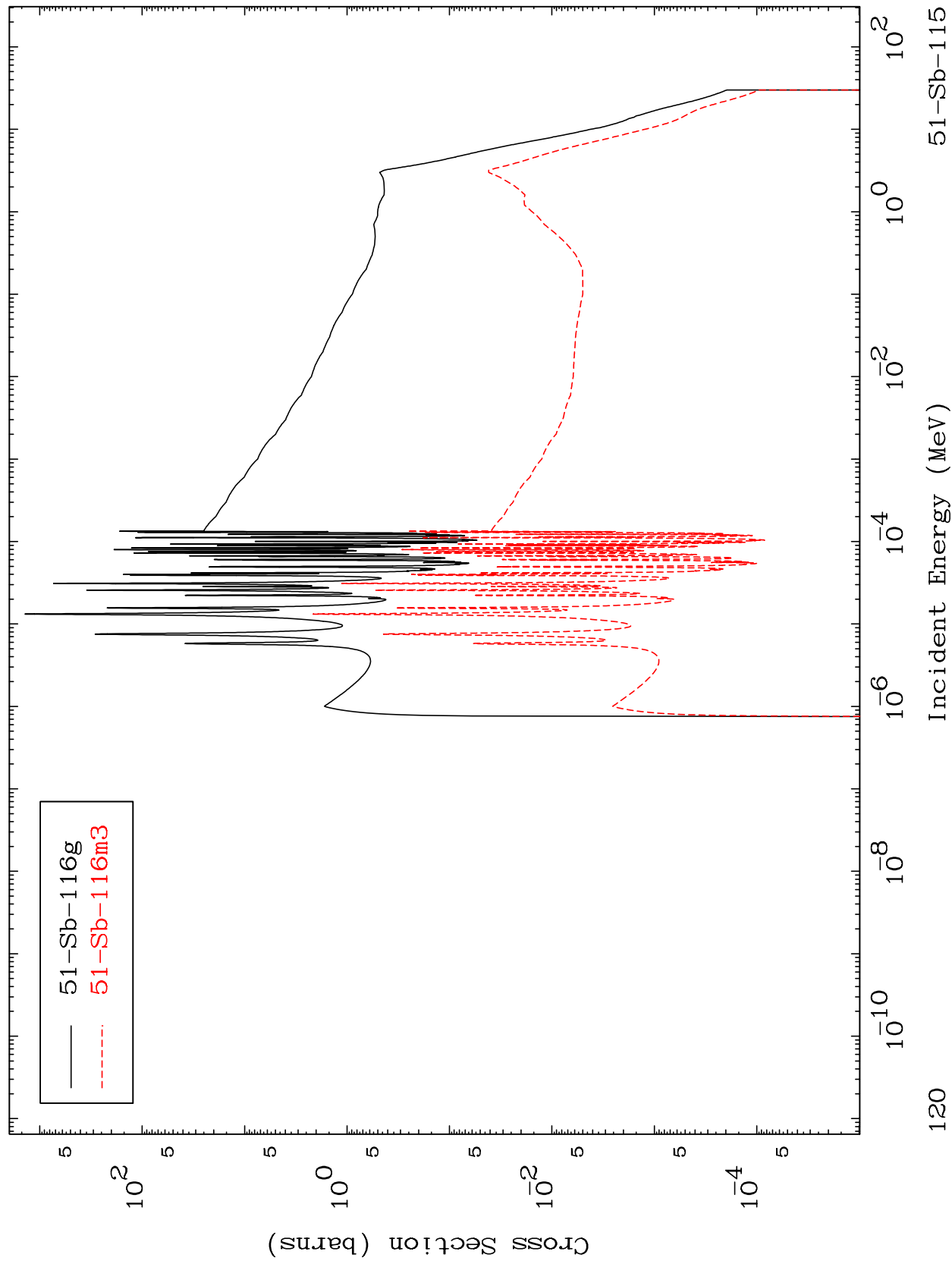
51-Sb-115



MAT 5107

51-Sb-115

(n,  $\gamma$ )  
Radionuclide Production Cross Section



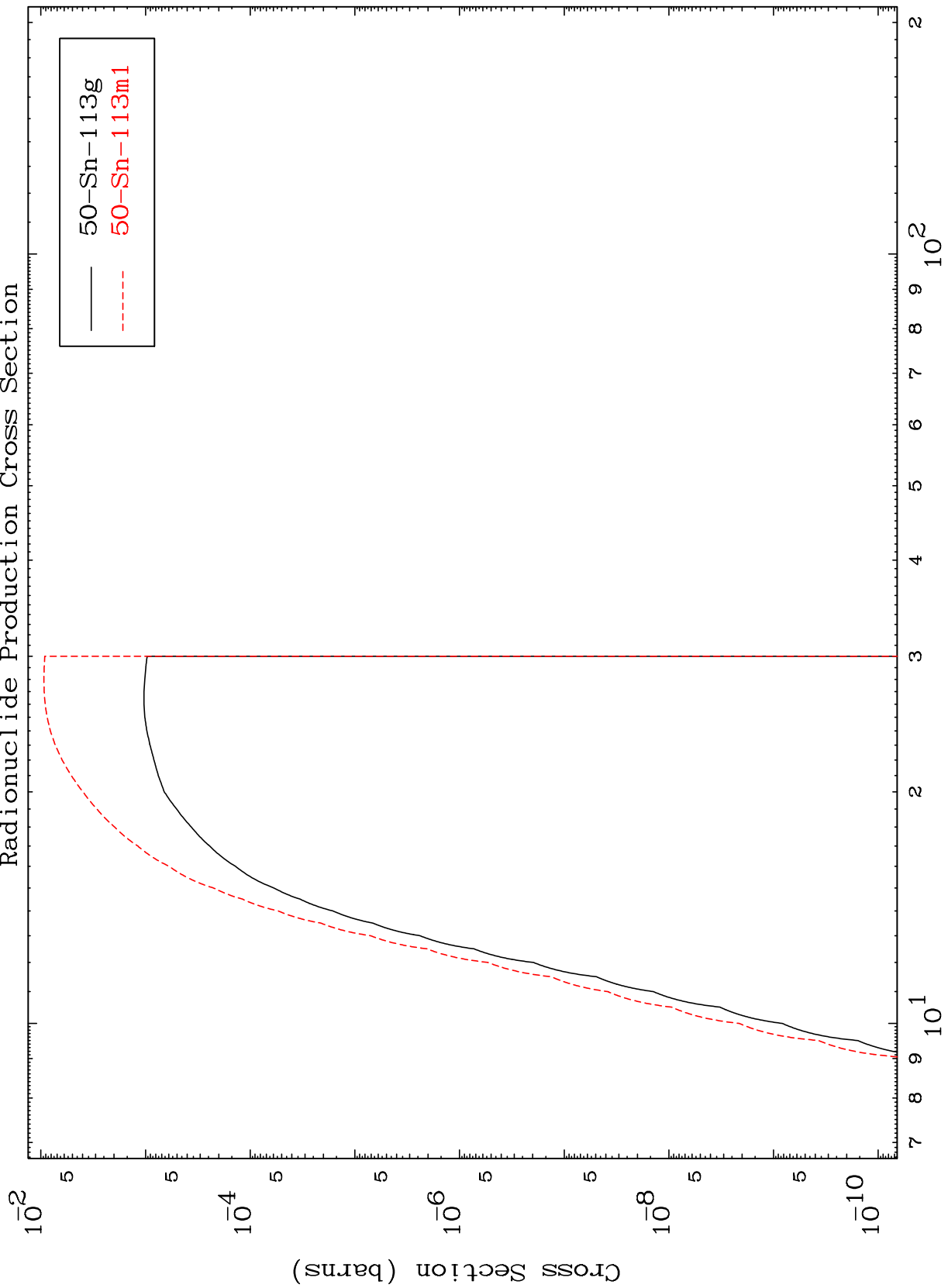
120

51-Sb-115

MAT 5107

51-Sb-115

(n,t)  
Radionuclide Production Cross Section



121

Incident Energy (MeV)

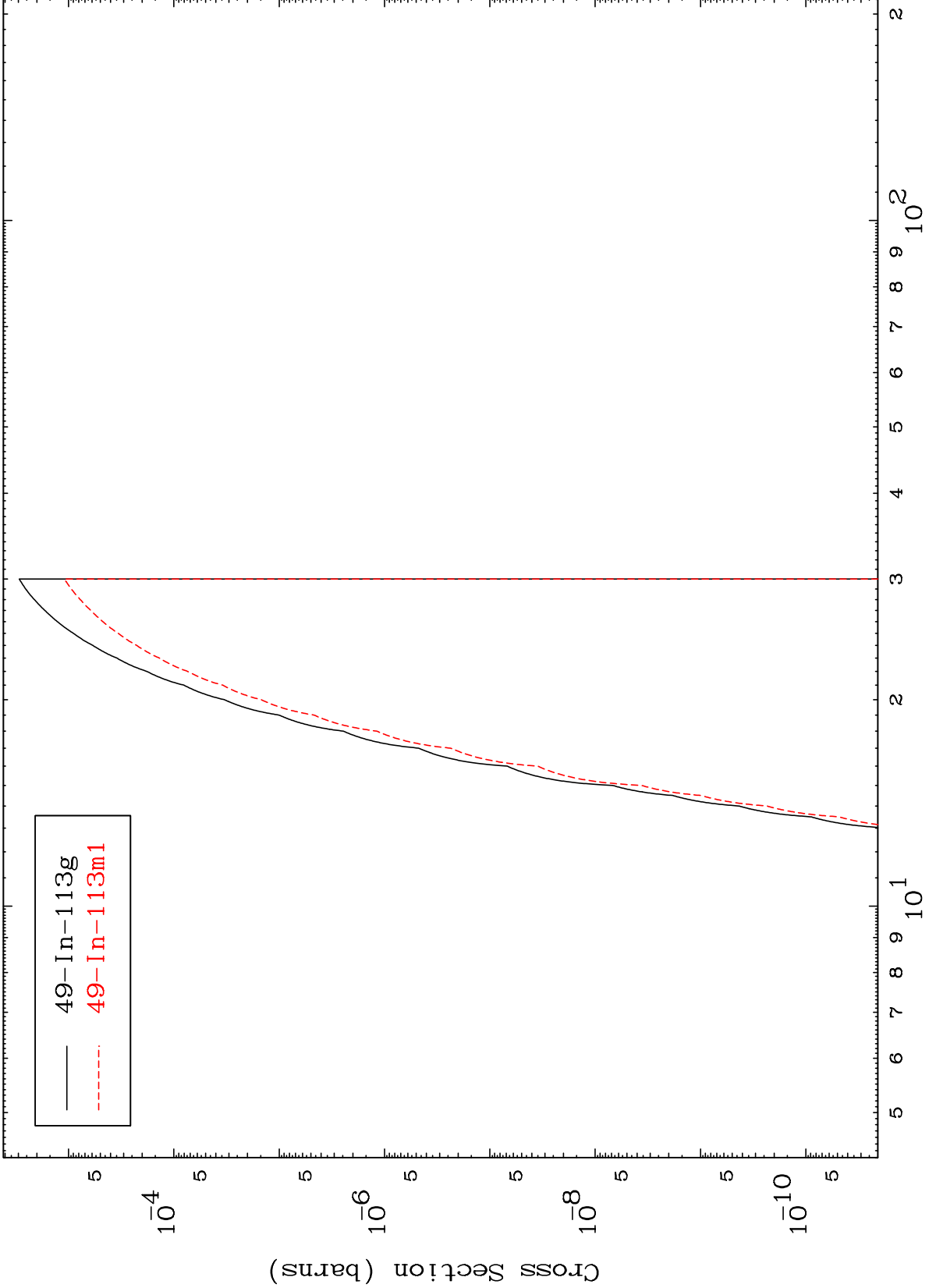
51-Sb-115

MAT 5107

(n,He-3)

51-Sb-115

Radionuclide Production Cross Section



122

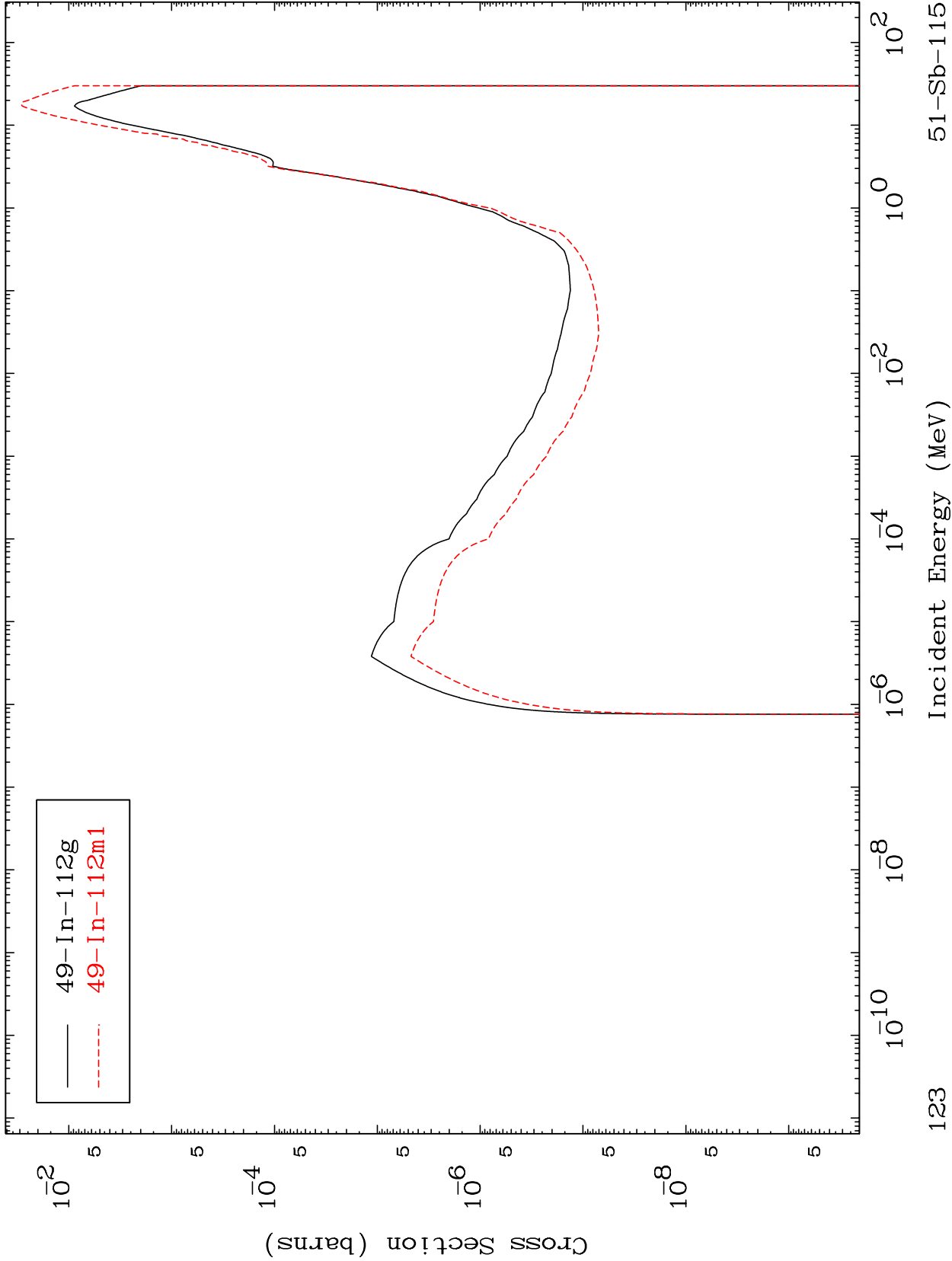
Incident Energy (MeV)

51-Sb-115

MAT 5107

51-Sb-115

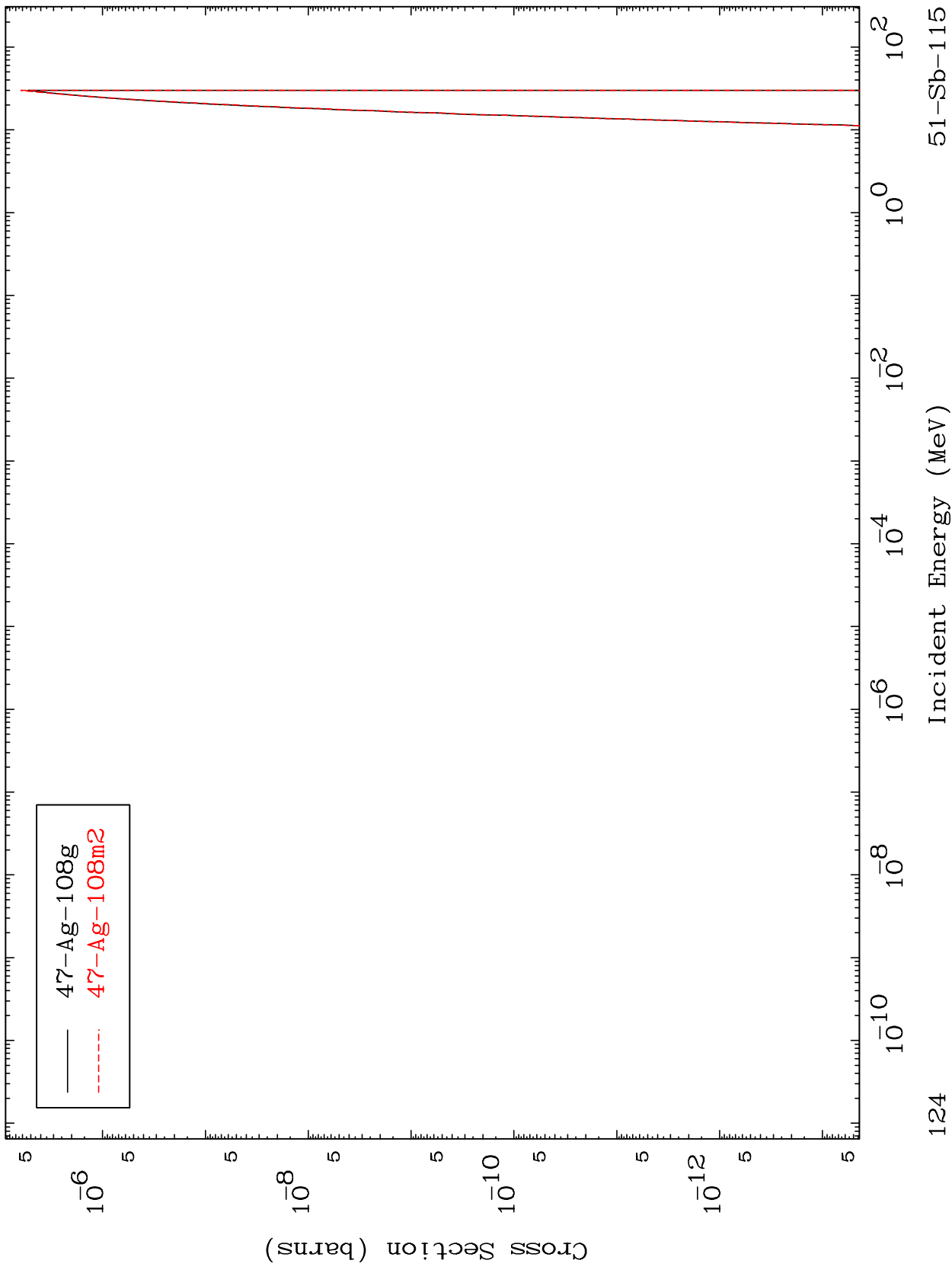
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 5107

51-Sb-115

(n,2α)  
Radionuclide Production Cross Section



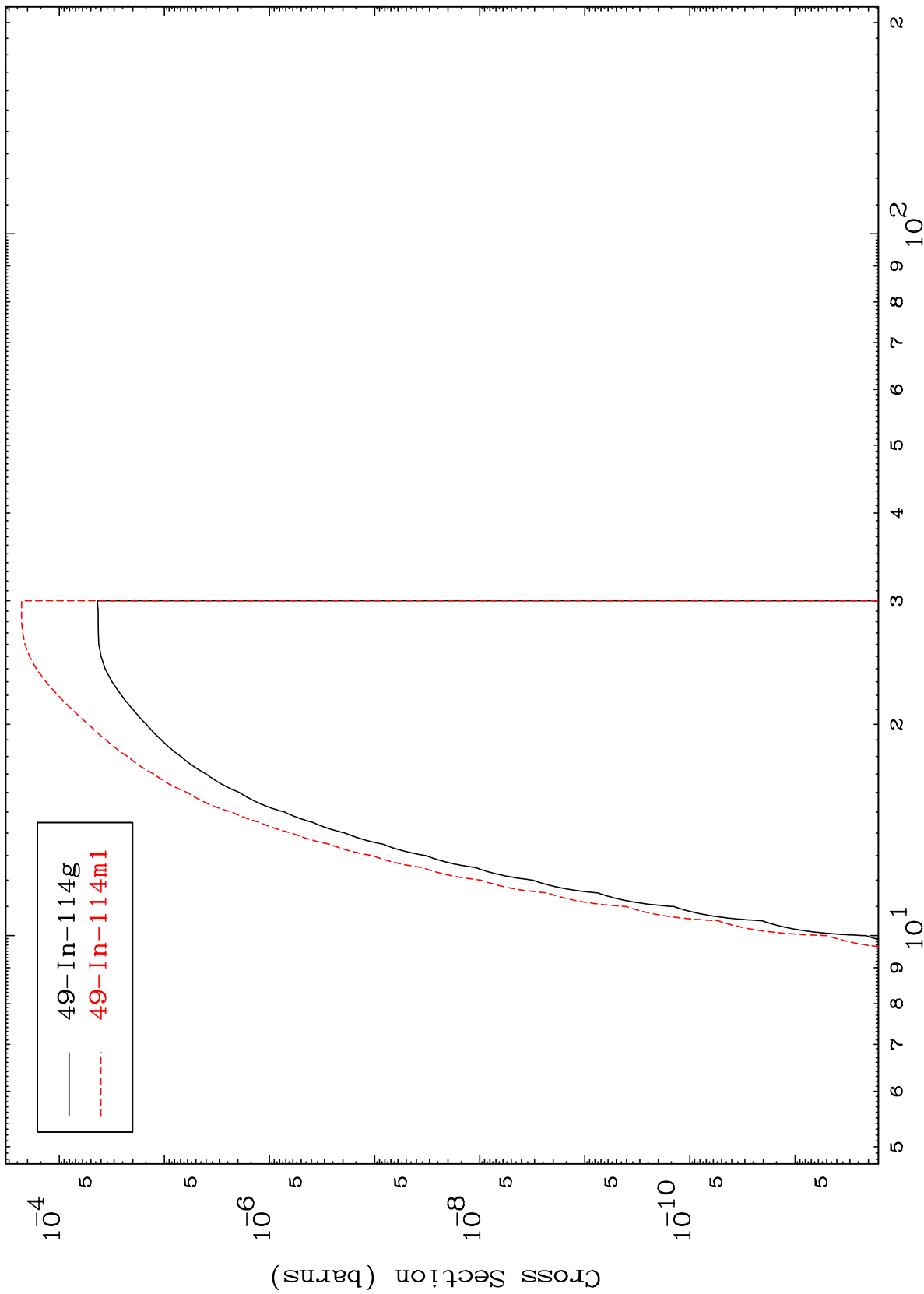
124

51-Sb-115

MAT 5107

51-Sb-115

(n,2p)  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

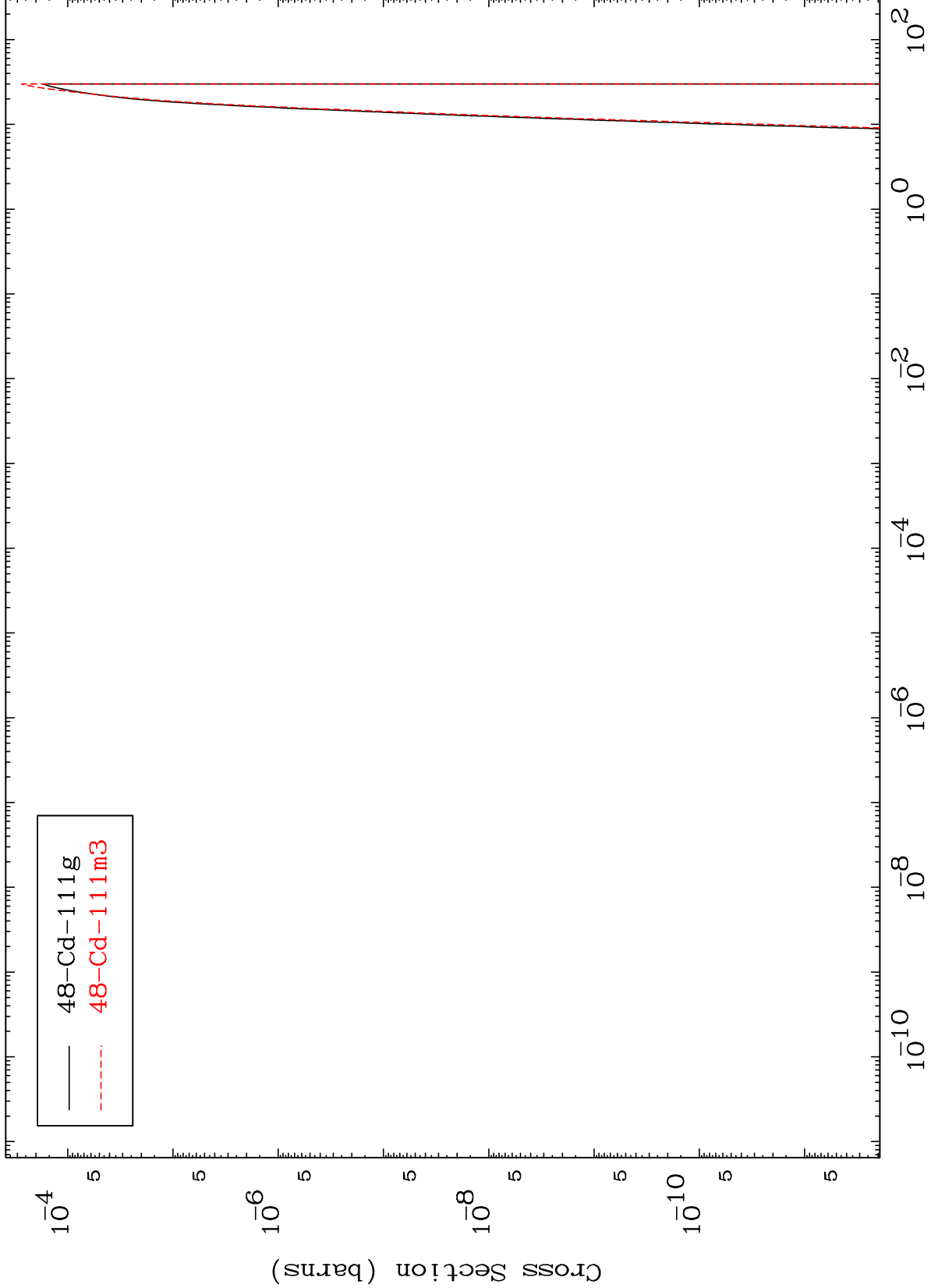
51-Sb-115

MAT 5107

(n,p)  $\alpha$

51-Sb-115

Radionuclide Production Cross Section

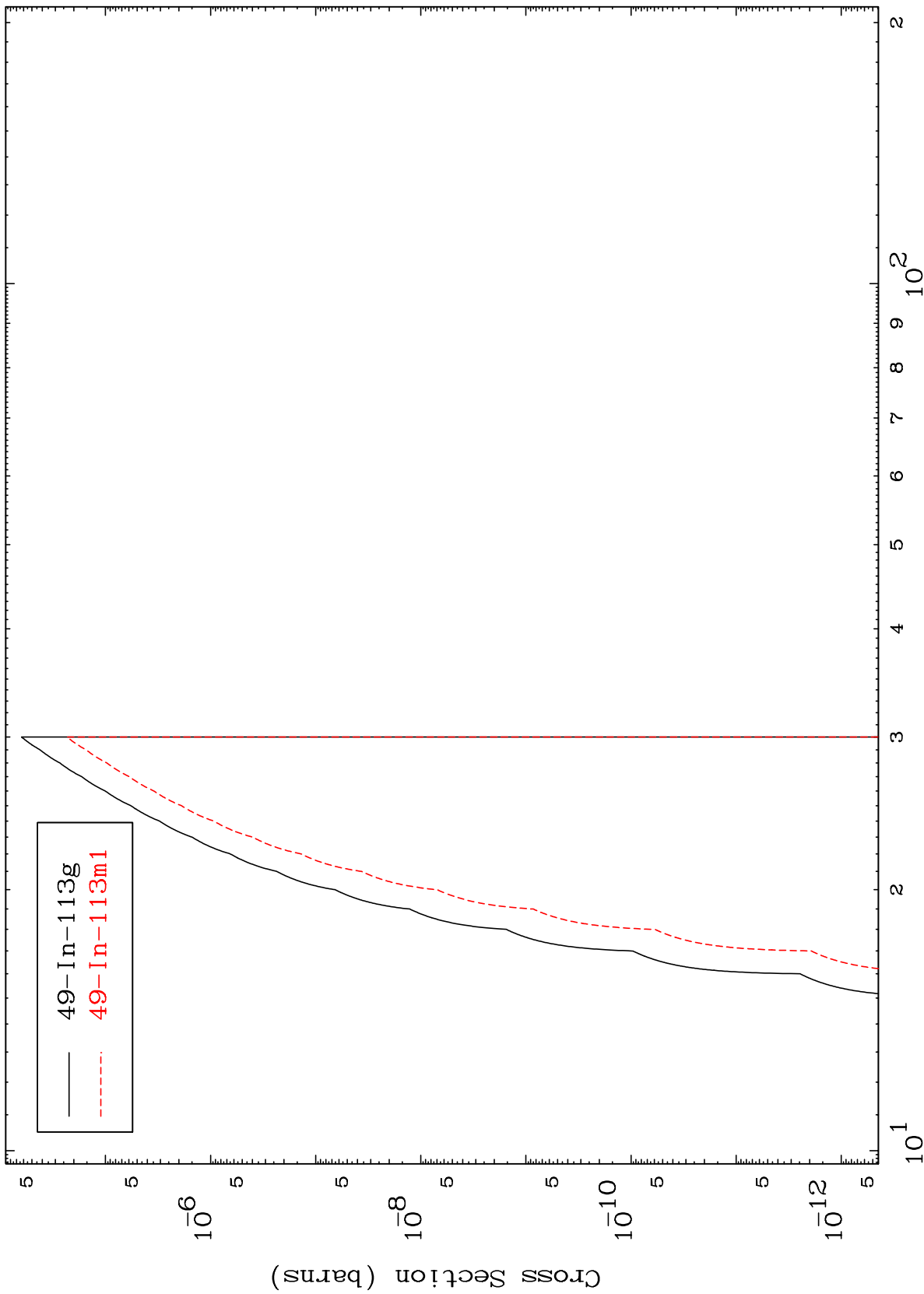


MAT 5107

(n,p) d

51-Sb-115

Radionuclide Production Cross Section



49-In-113g  
49-In-113m1

Incident Energy (MeV)

51-Sb-115

127

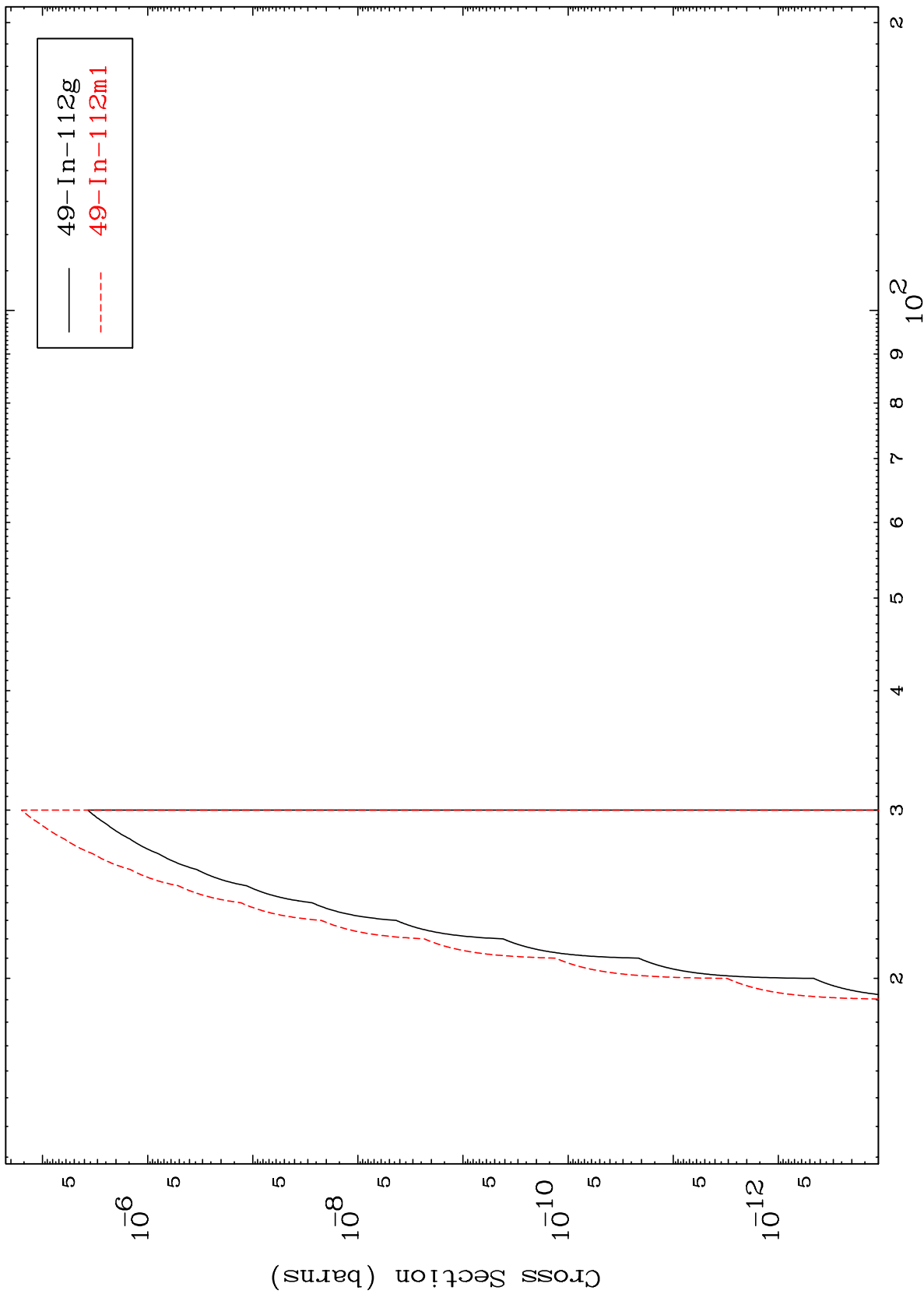


MAT 5107

(n,p) t

51-Sb-115

Radionuclide Production Cross Section



128

Incident Energy (MeV)

51-Sb-115