

Program EVALPLOT  
(Version 2021-1)

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

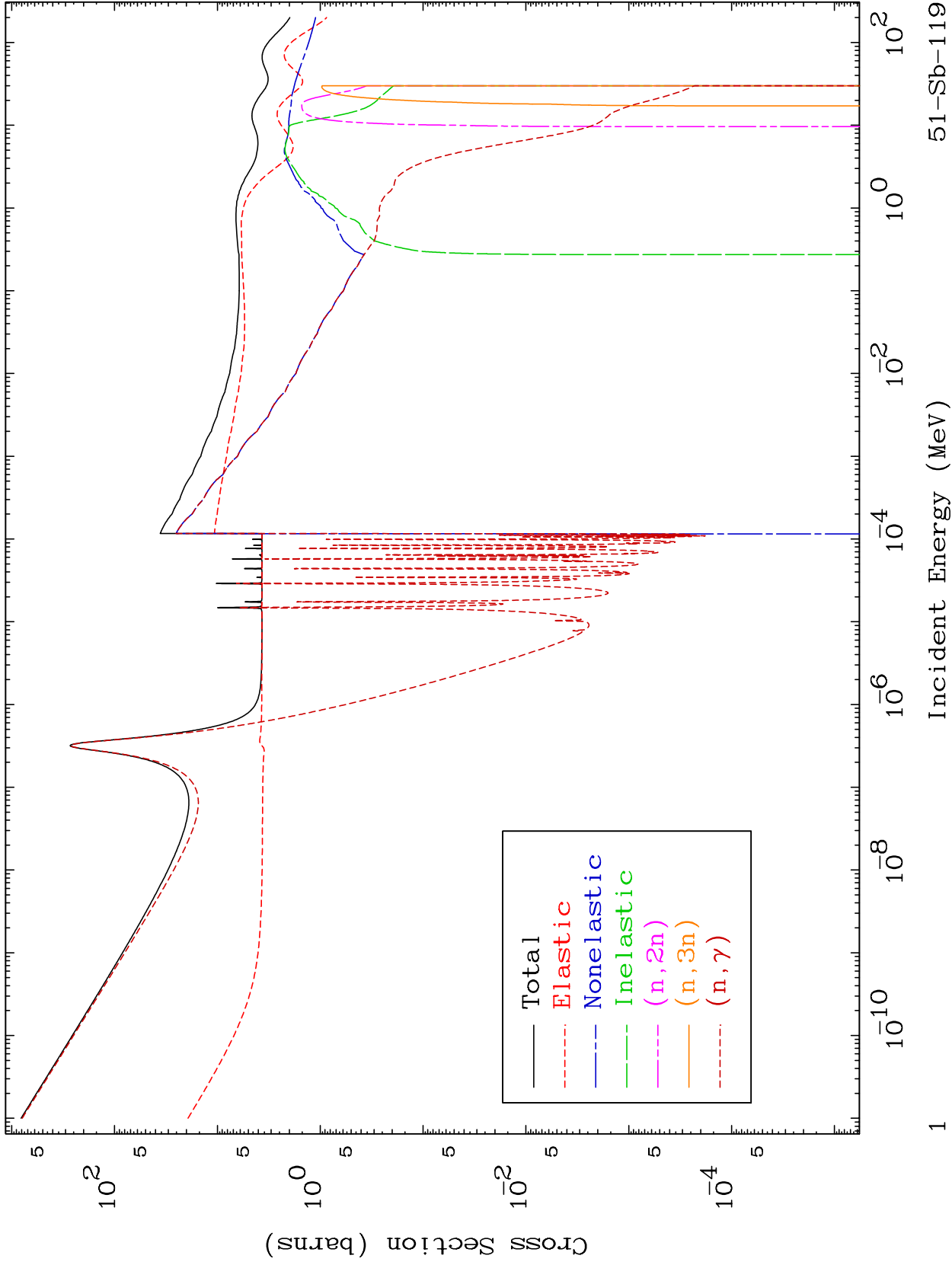
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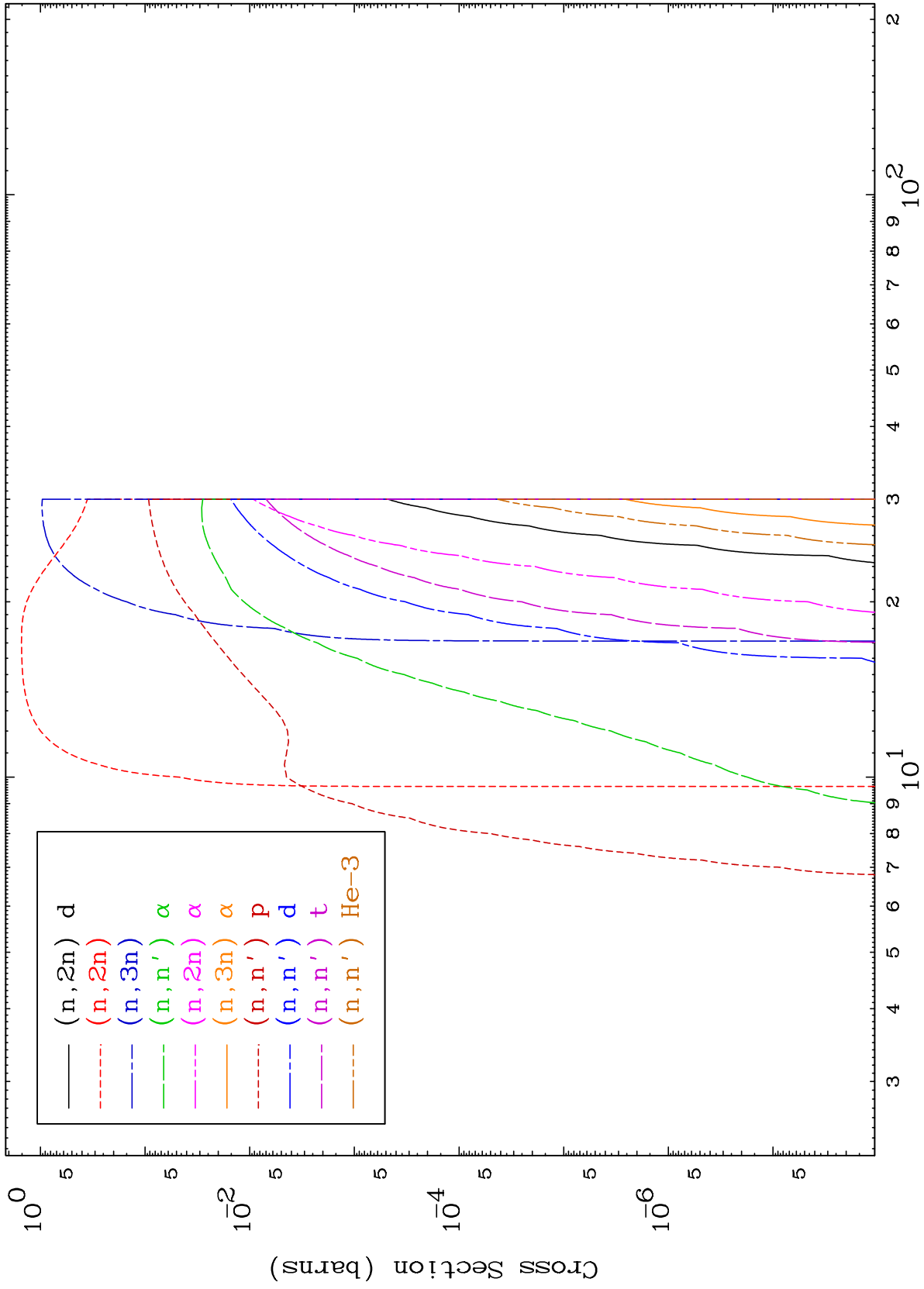
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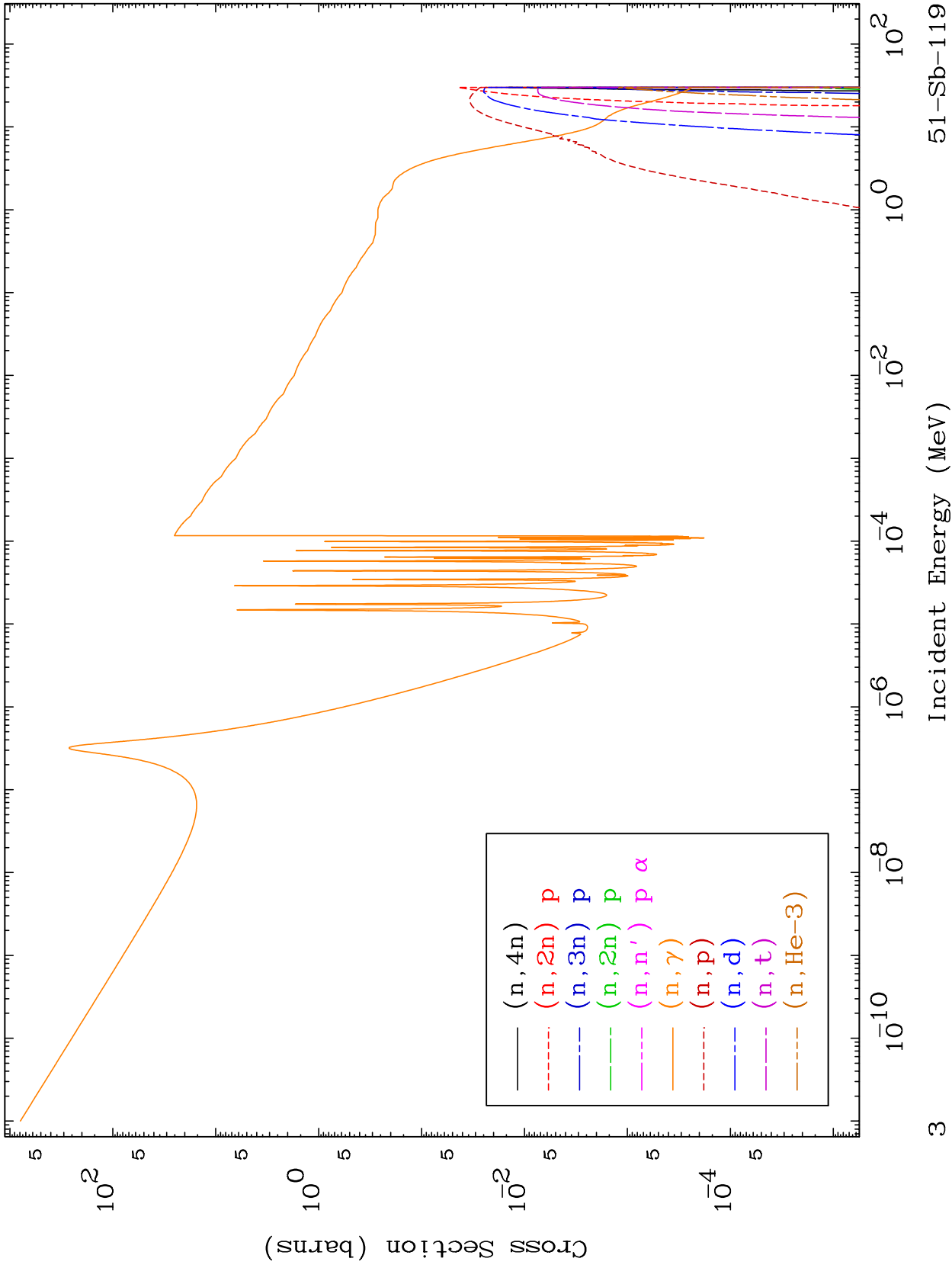
MAT 5119

Neutron Major  
293 Kelvin Cross Sections

51-Sb-119



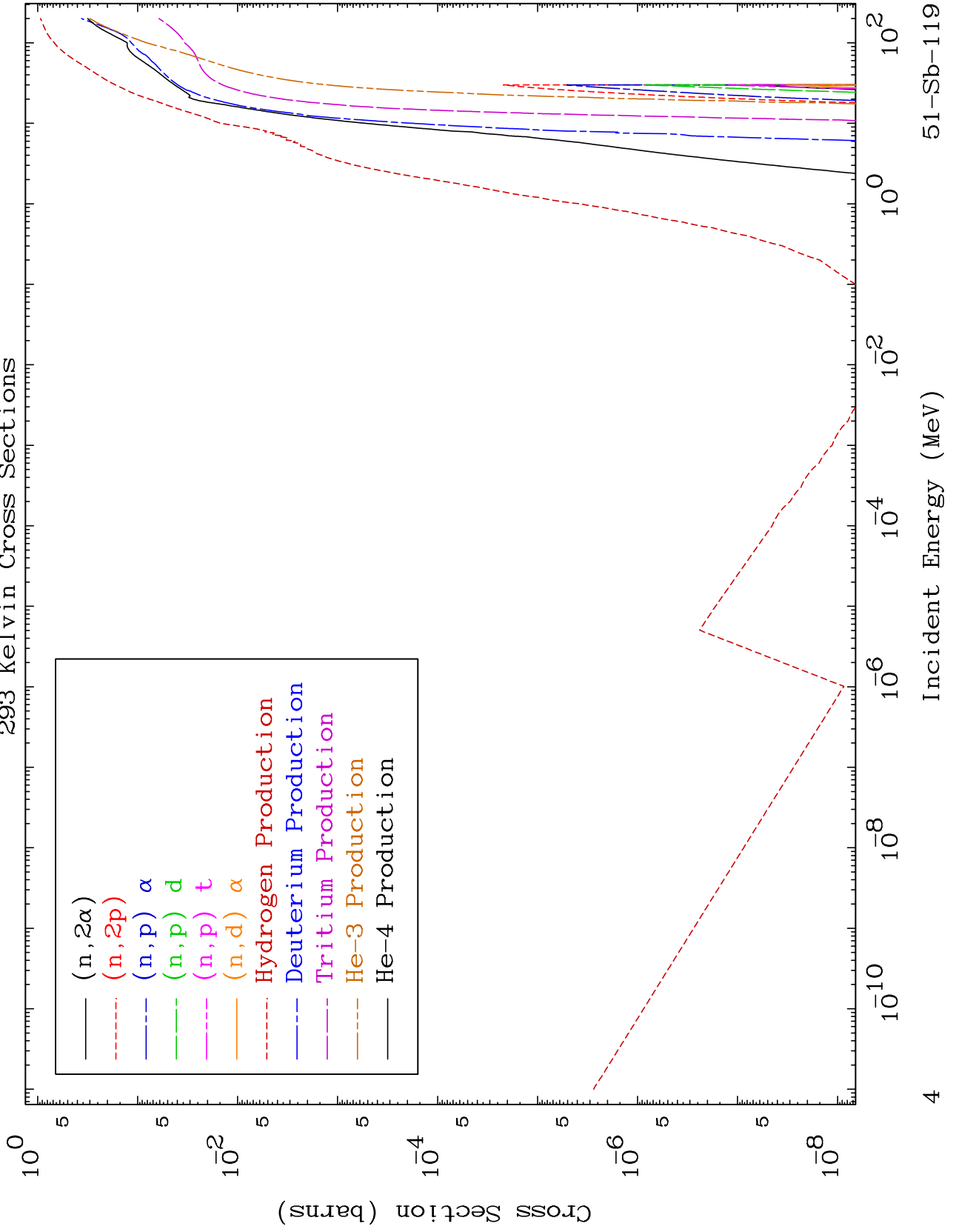


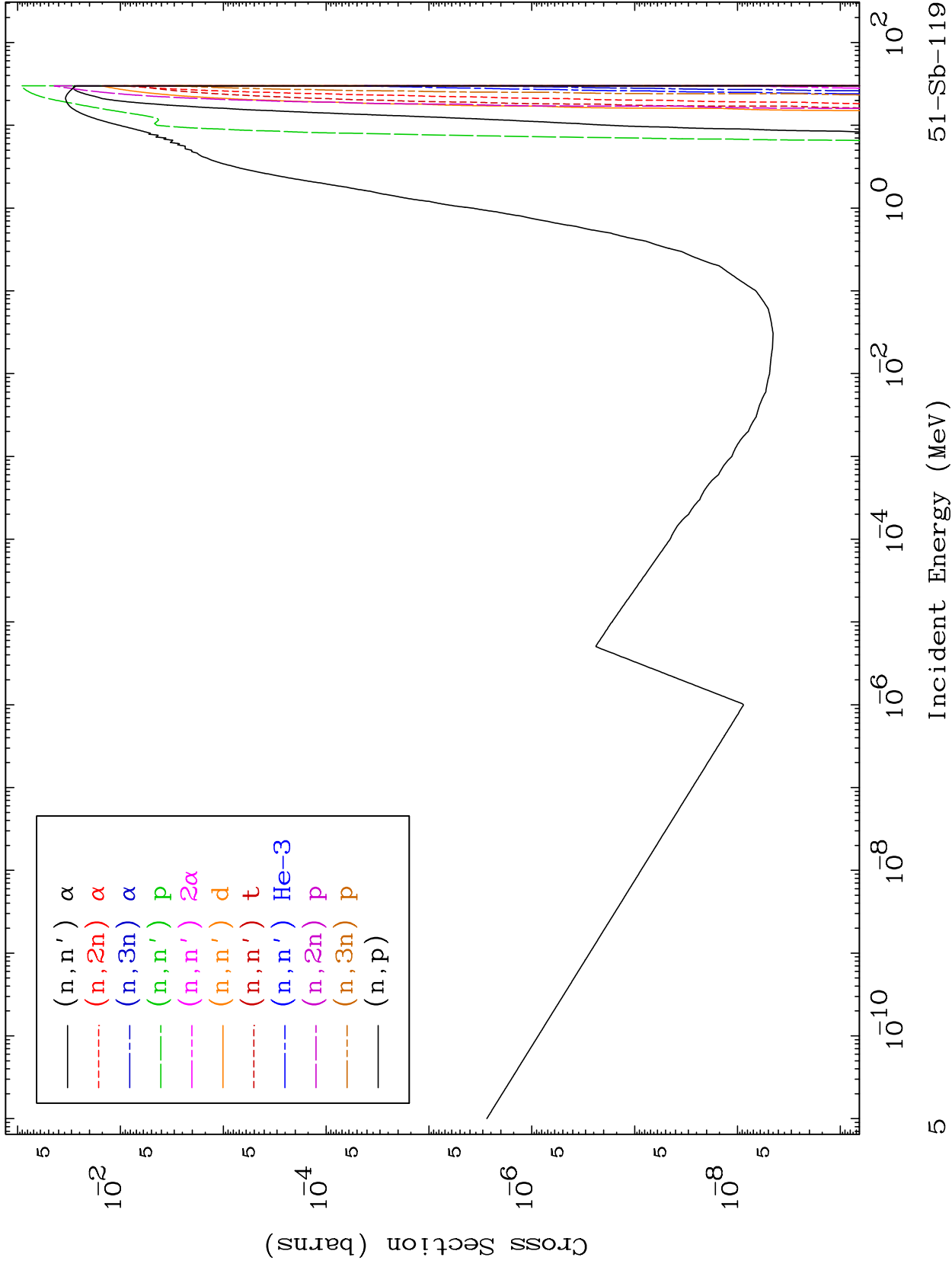


MAT 5119

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-119

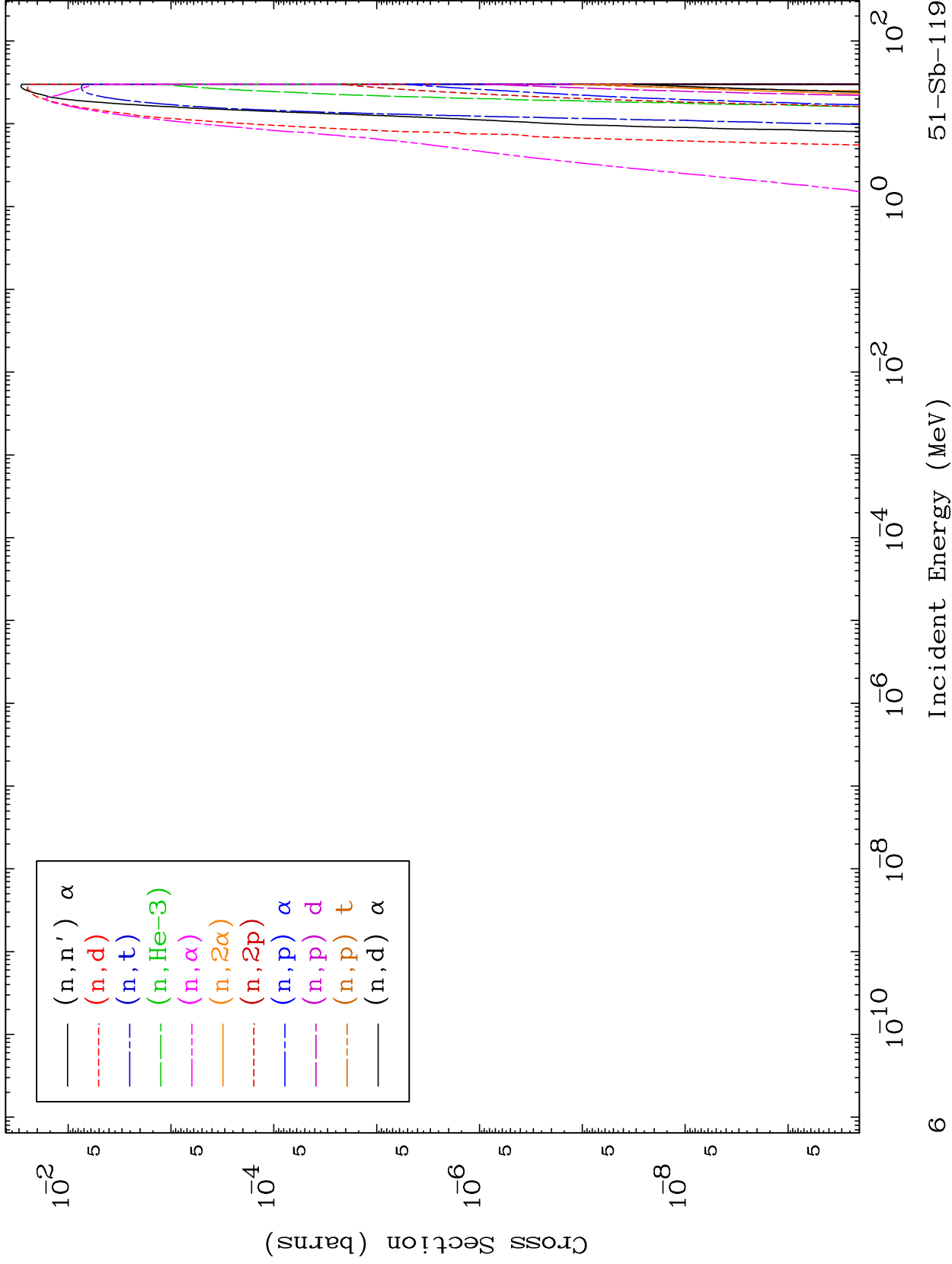




MAT 5119

Charged Particle  
293 Kelvin Cross Sections

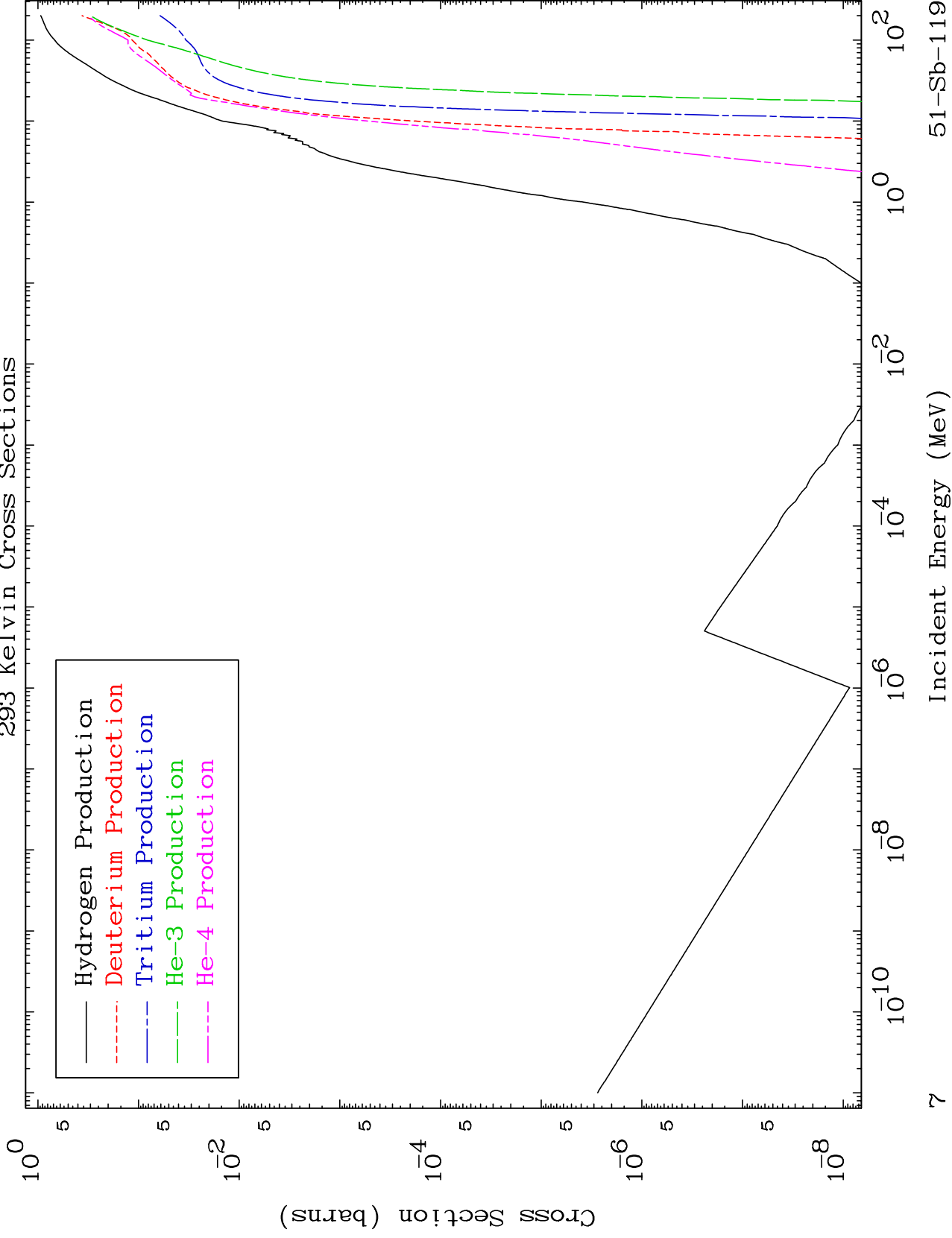
51-Sb-119



MAT 5119

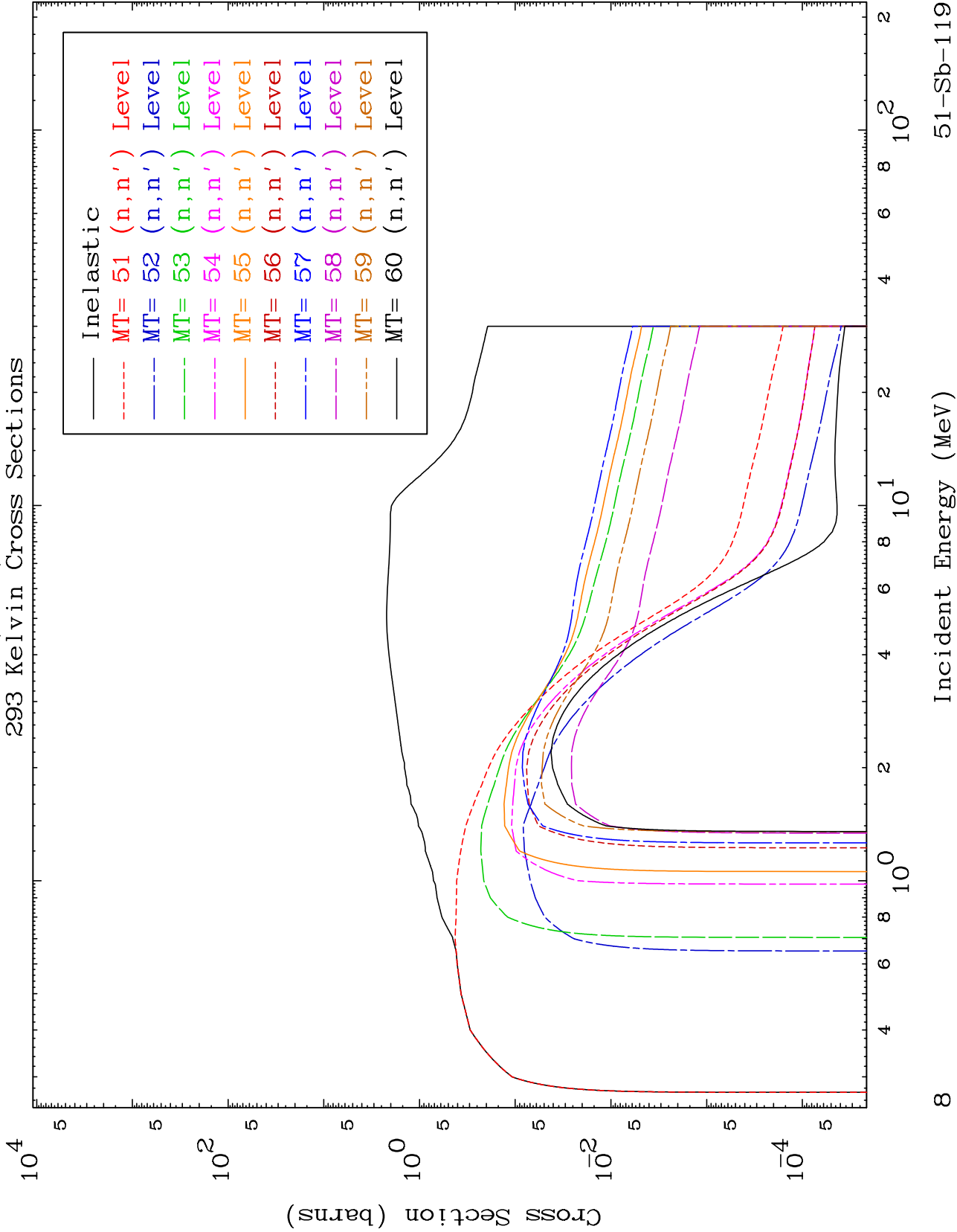
Particle Production  
293 Kelvin Cross Sections

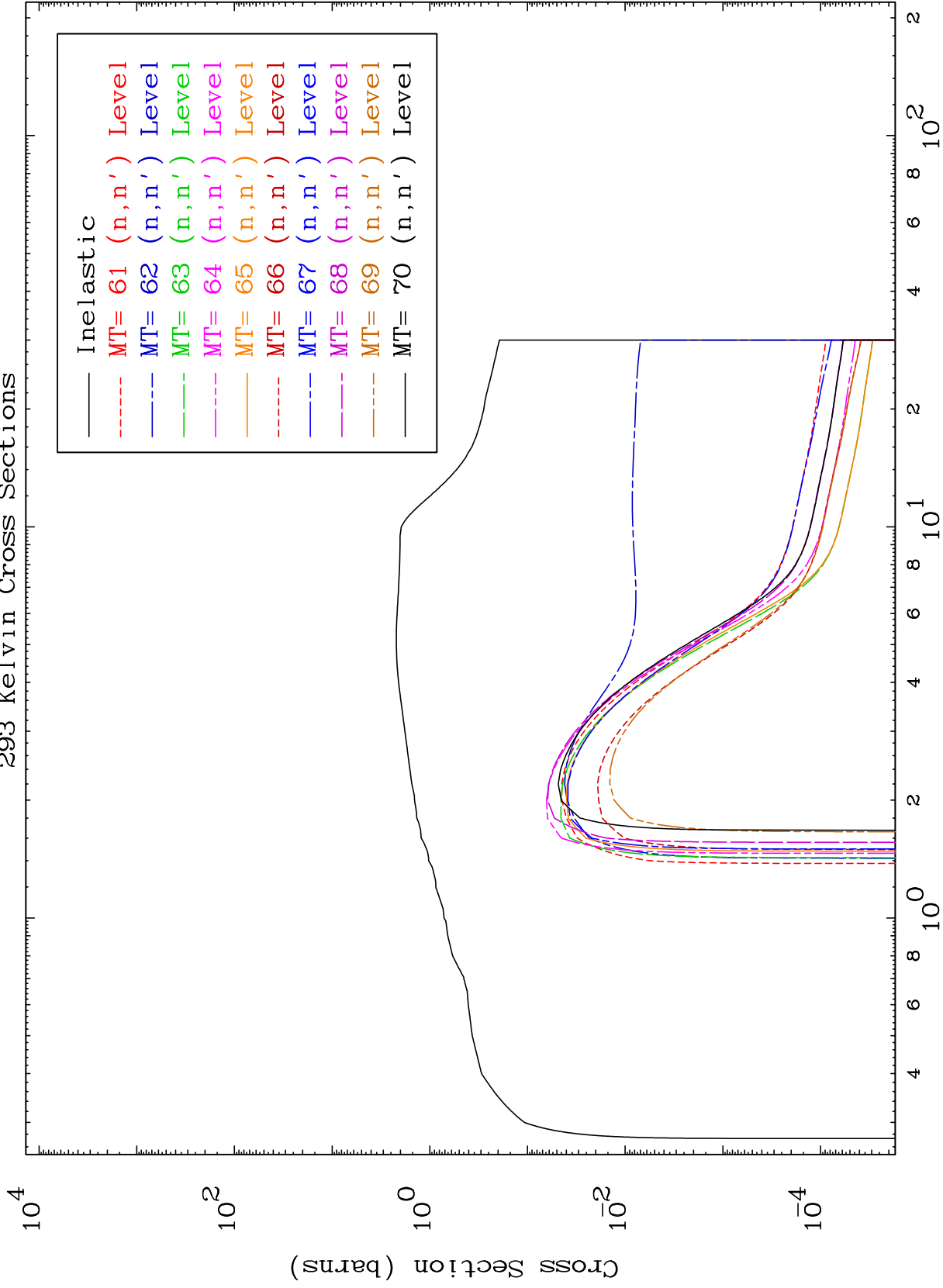
51-Sb-119





293 Kelvin Cross Sections



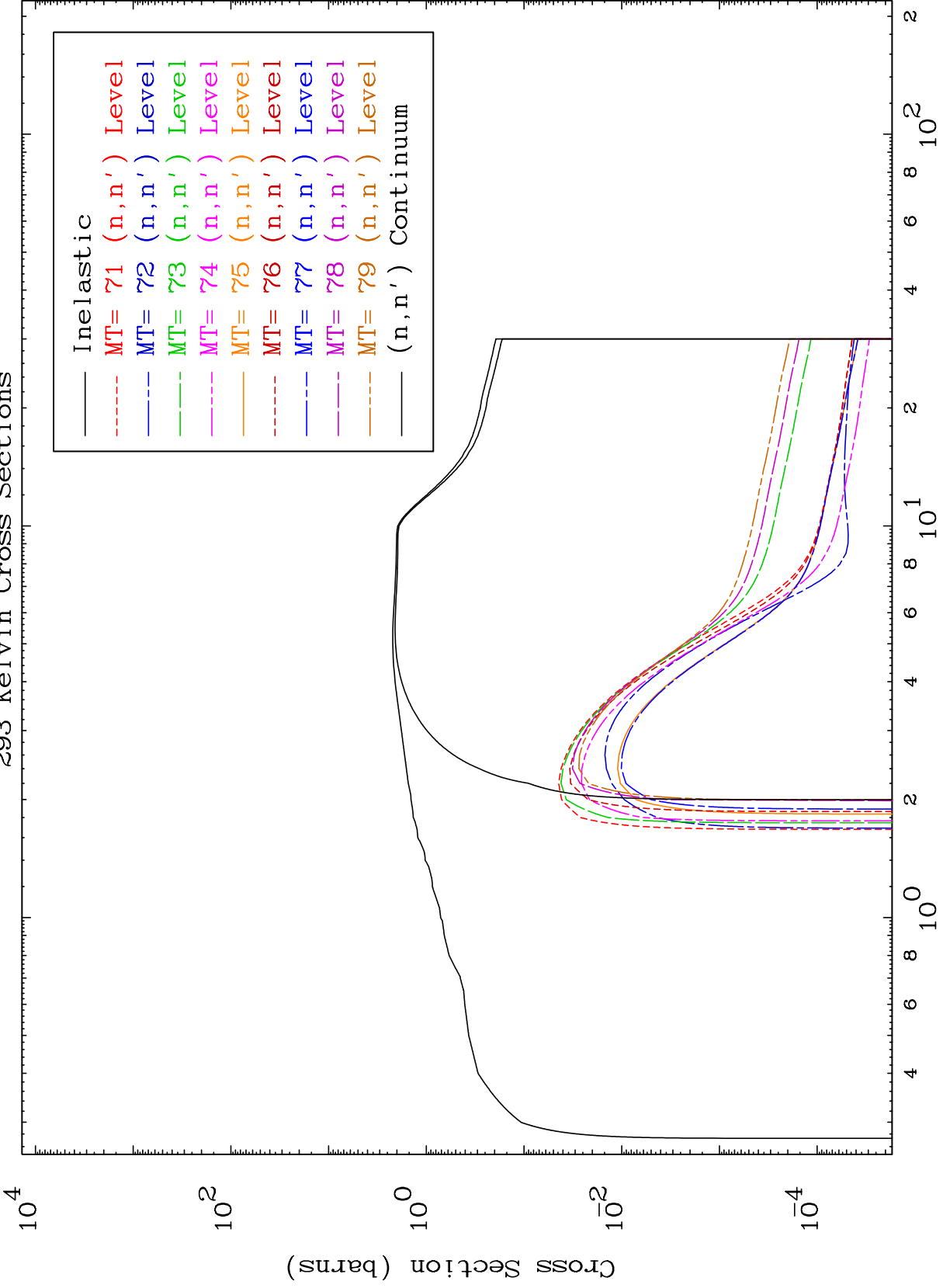


MAT 5119

(n,n') Levels

51-Sb-119

293 Kelvin Cross Sections



10

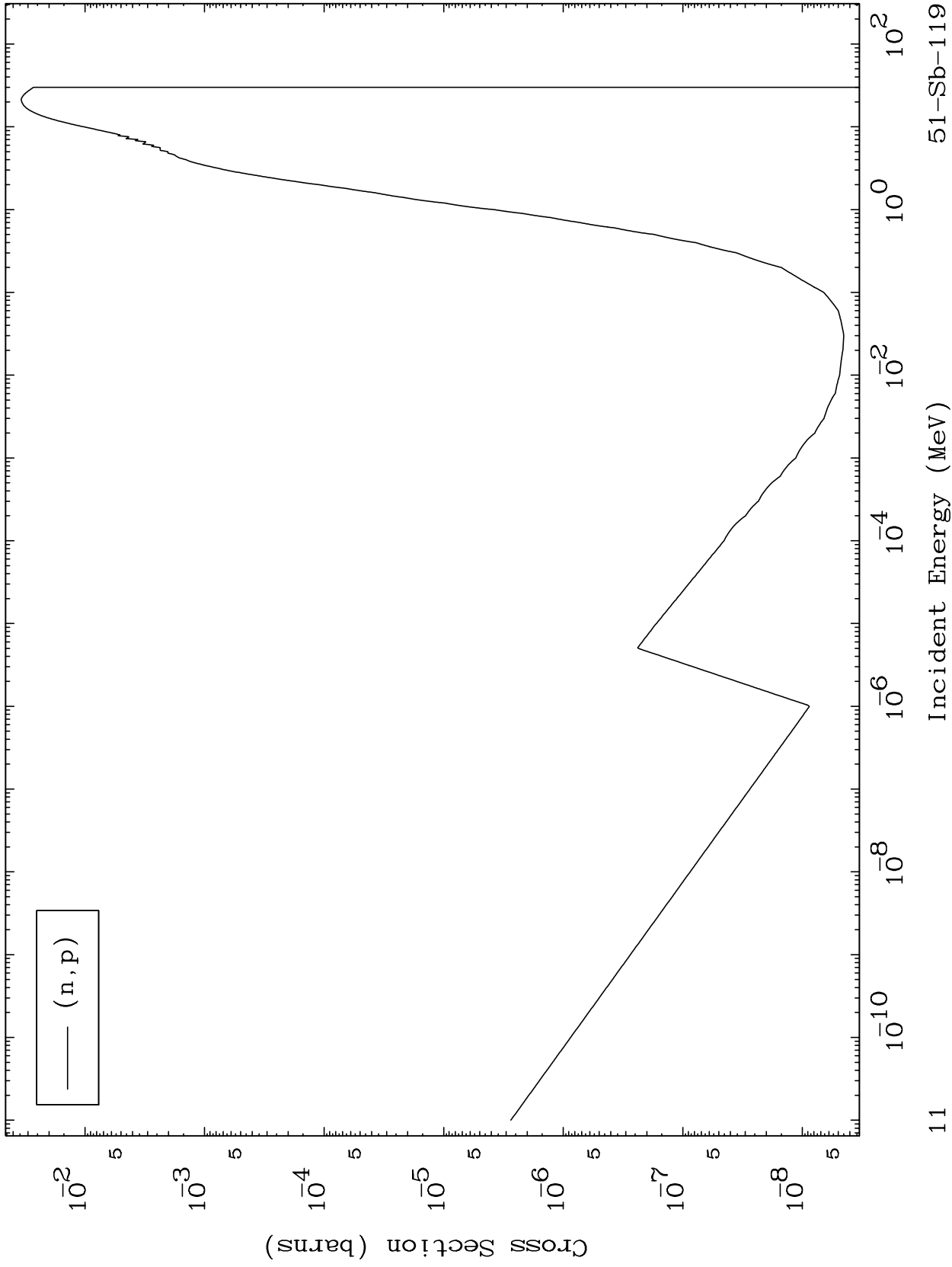
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,p) Levels  
293 Kelvin Cross Sections

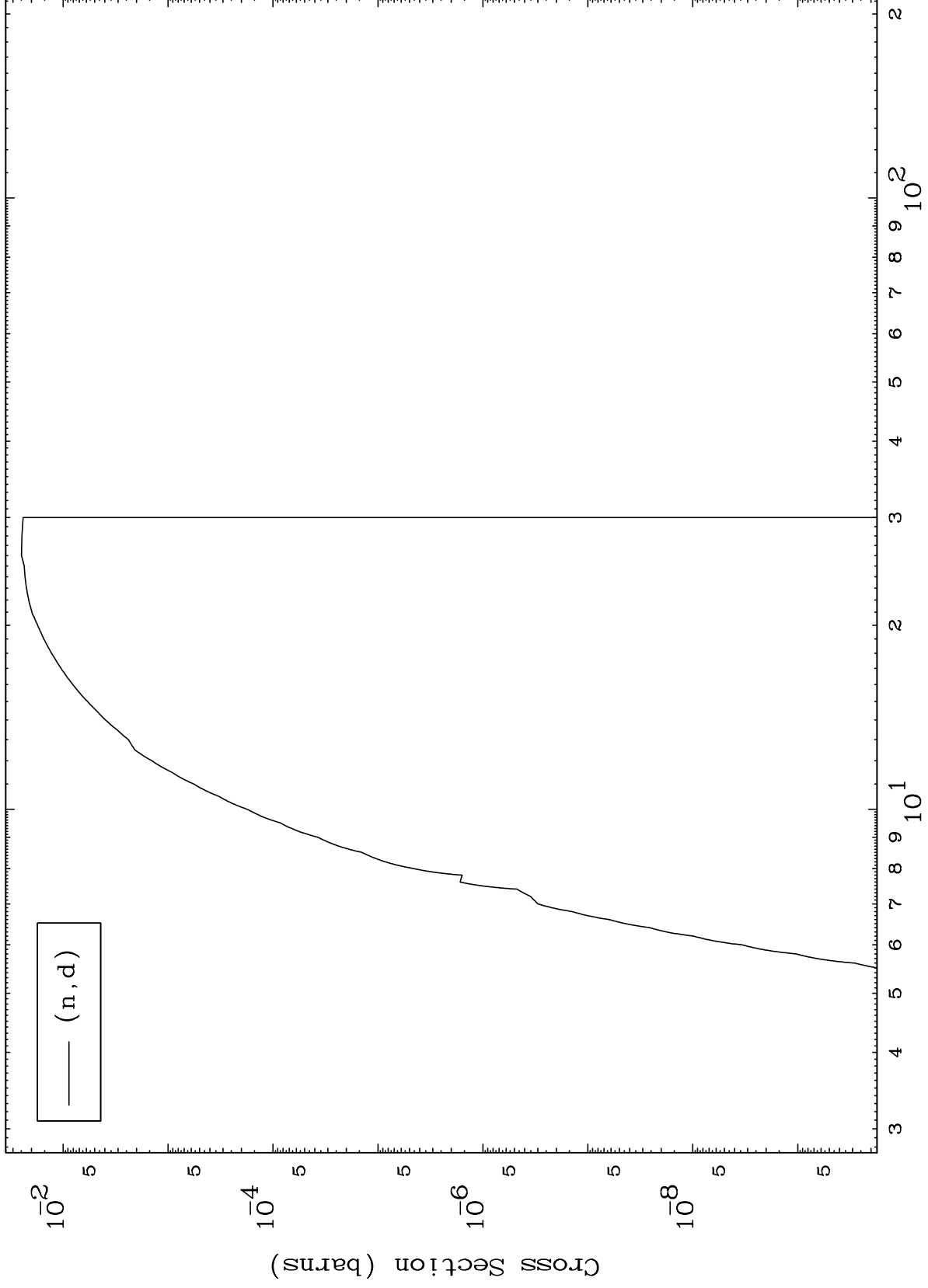
51-Sb-119



MAT 5119

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-119



(n,d)

12

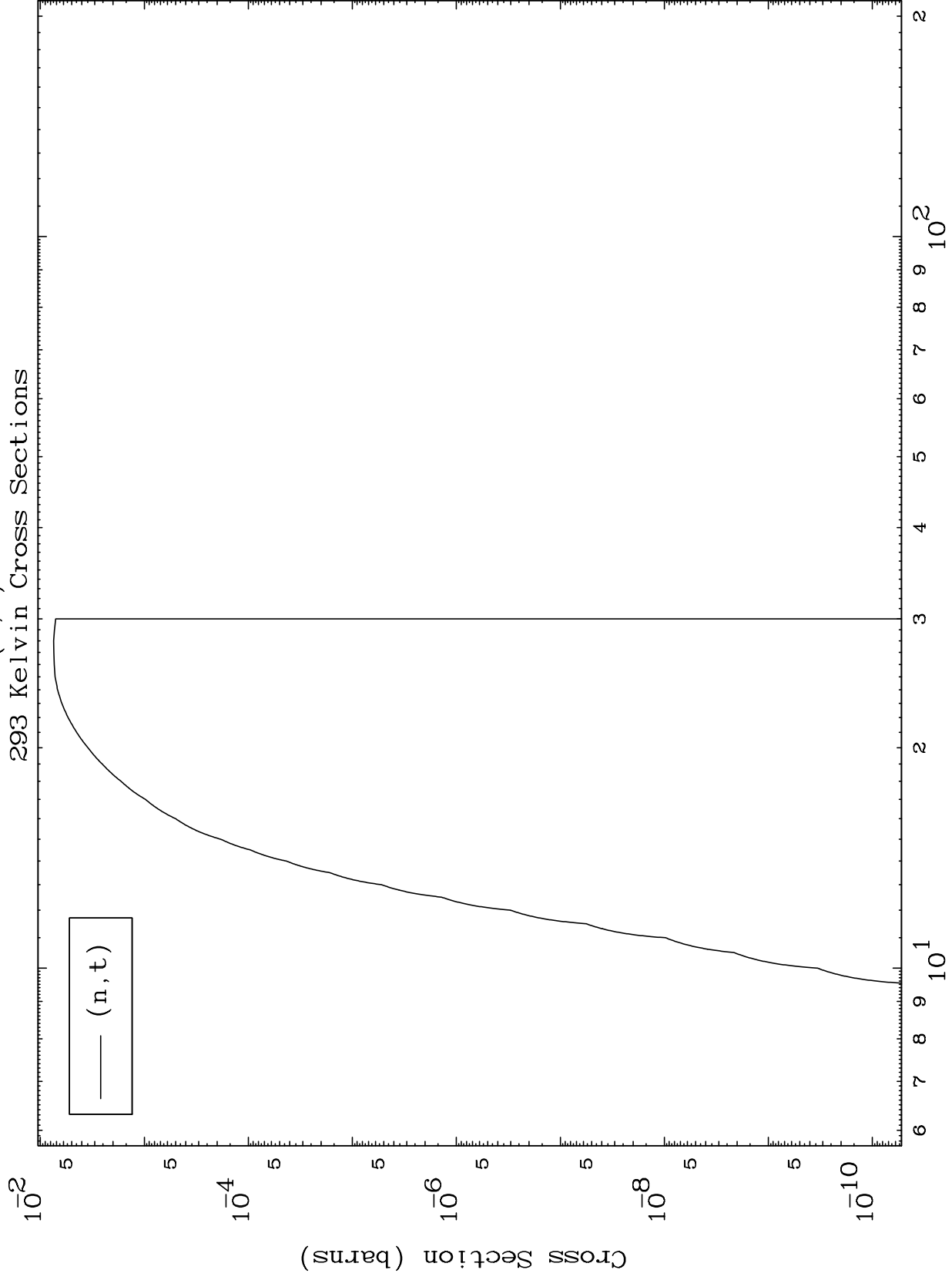
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-119



13

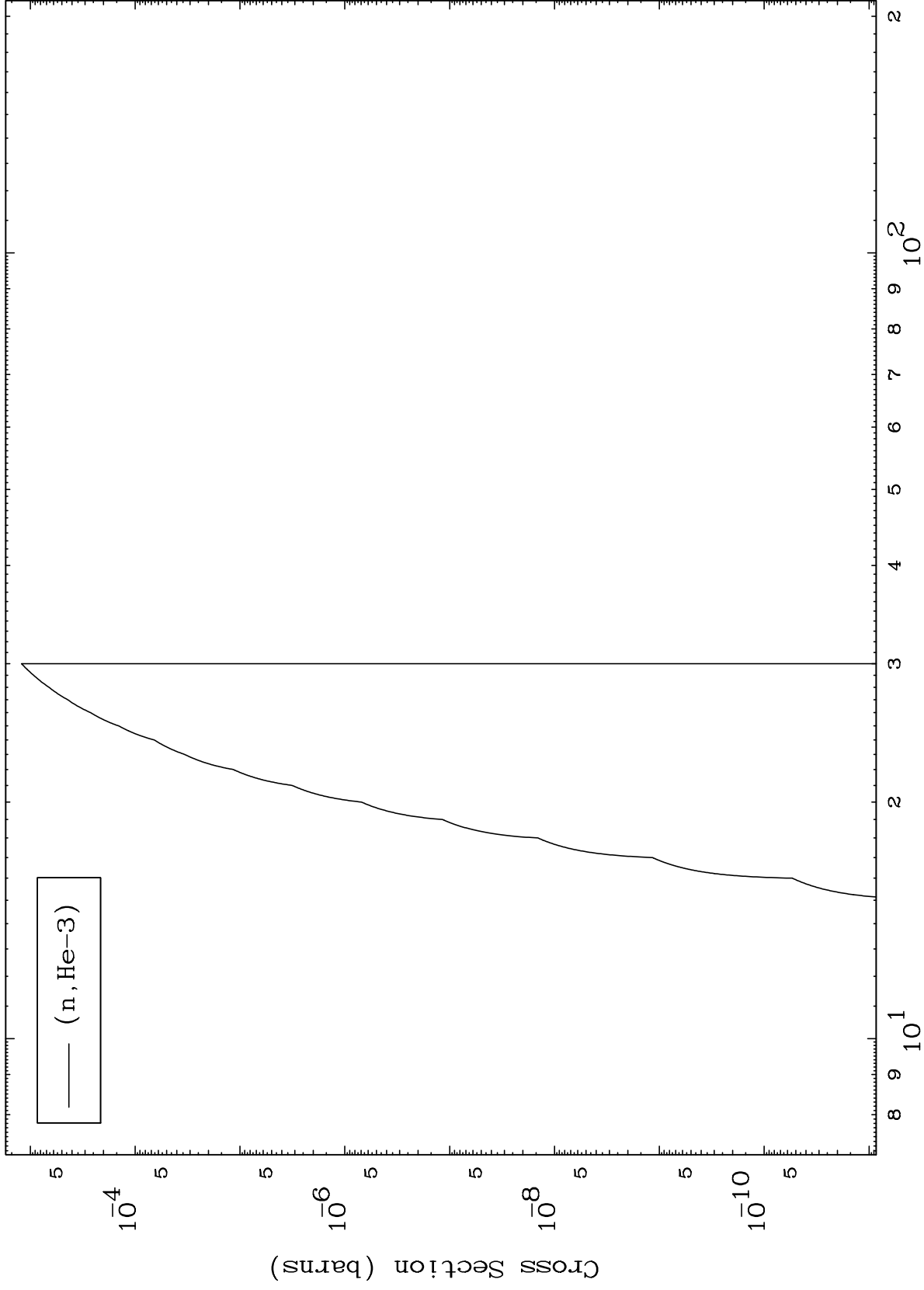
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-119



14

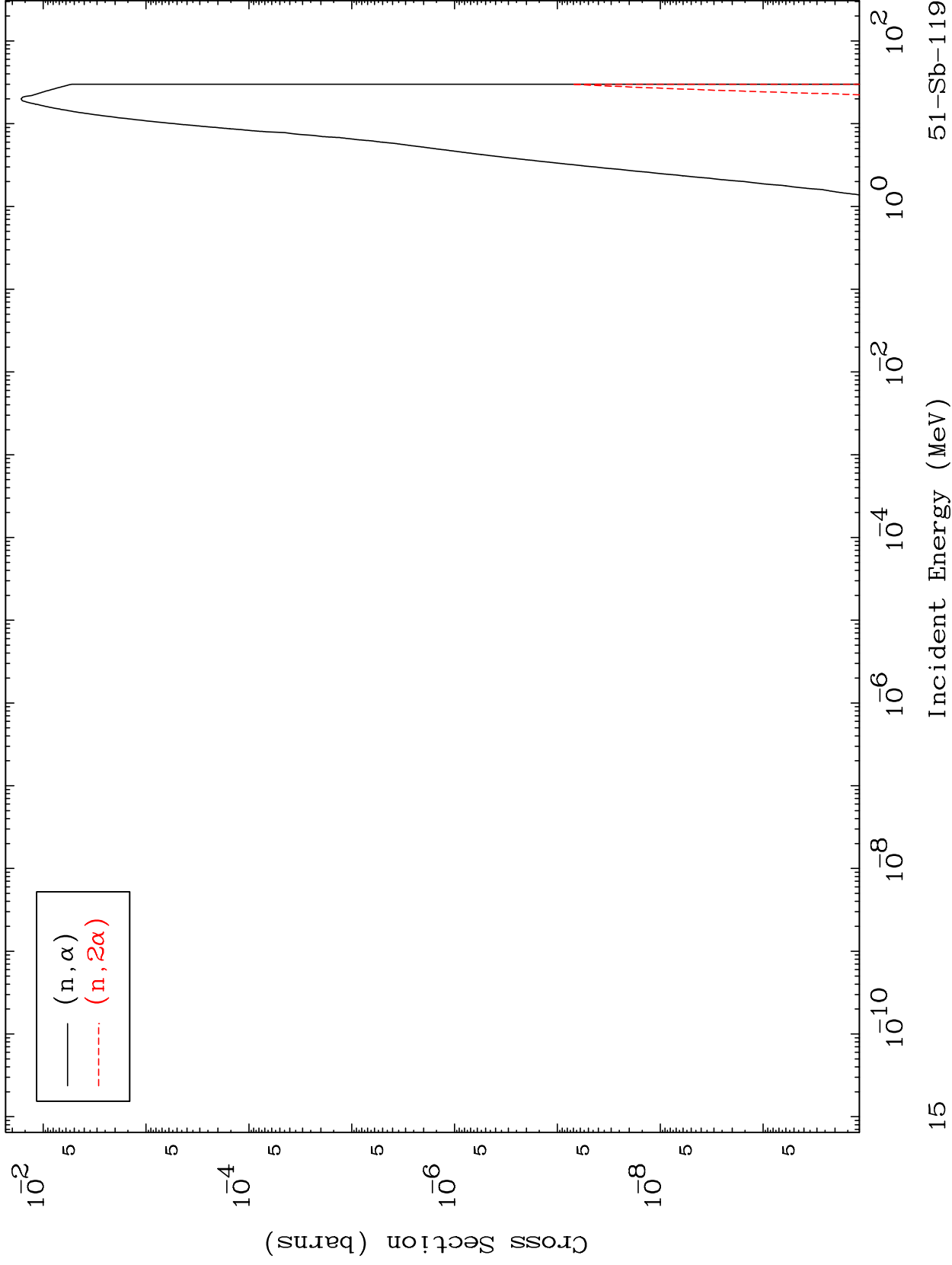
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

51-Sb-119



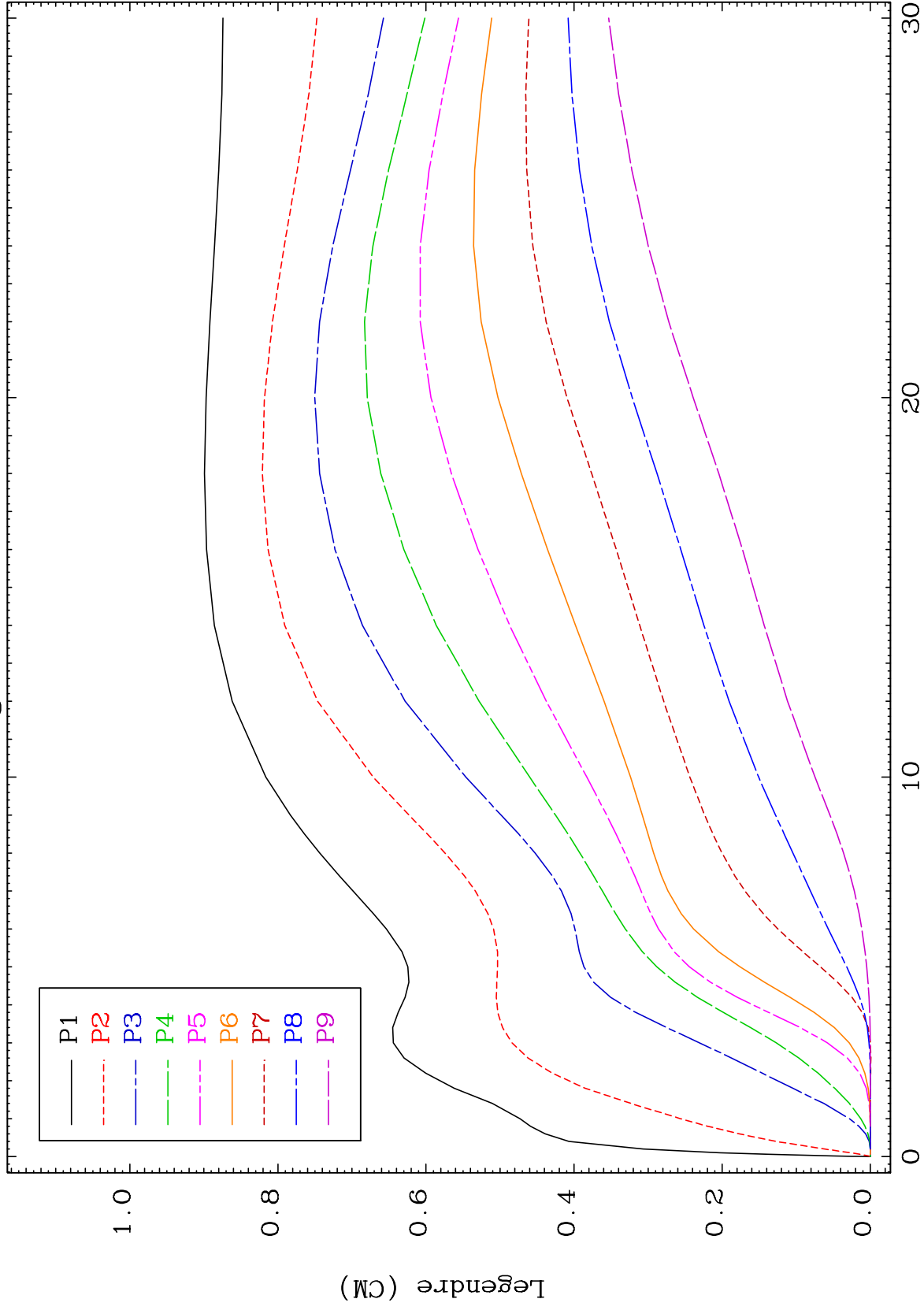
15



MAT 5119

Elastic Legendre Coefficients

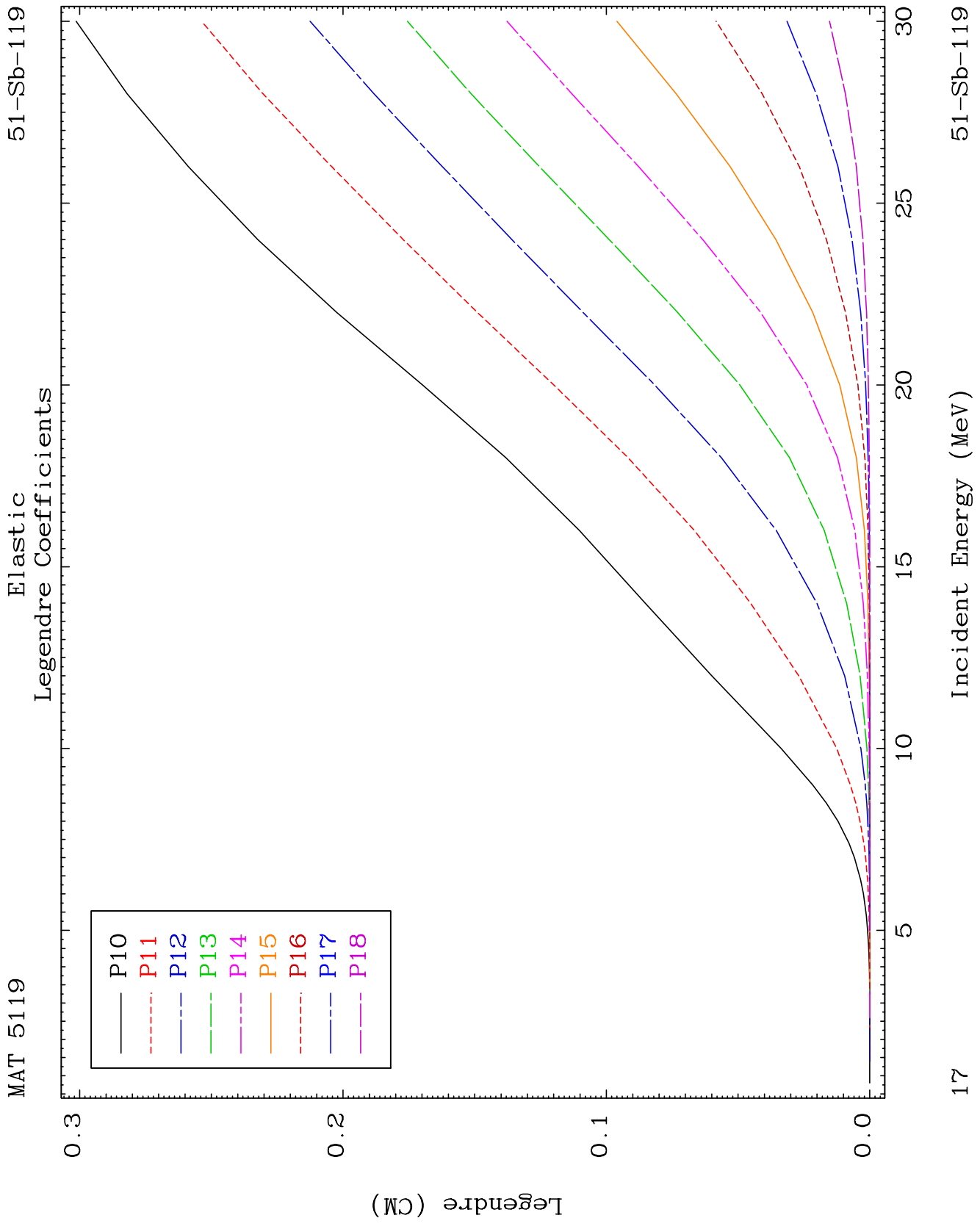
51-Sb-119



16

Incident Energy (MeV)

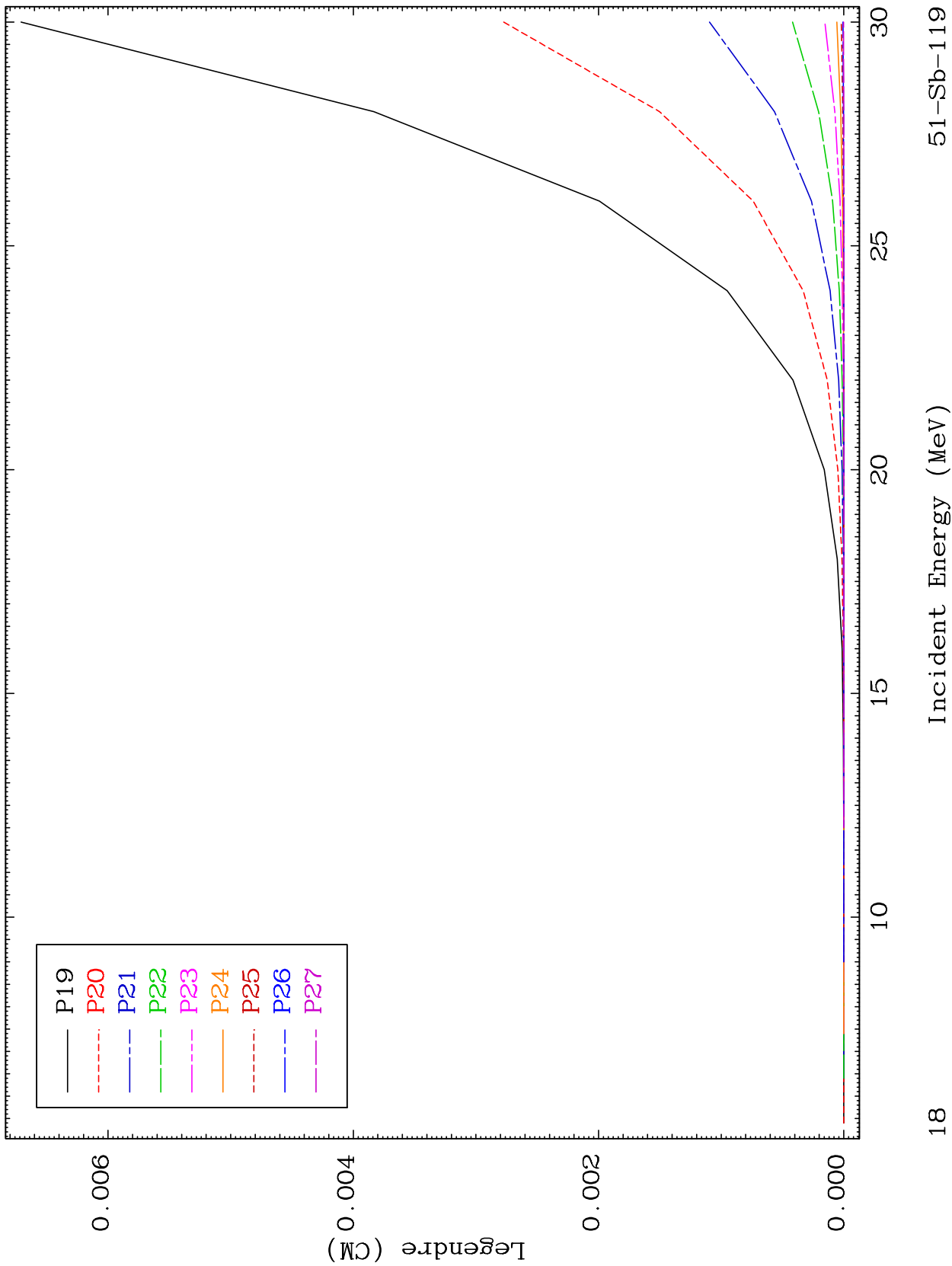
51-Sb-119



MAT 5119

Elastic  
Legendre Coefficients

51-Sb-119

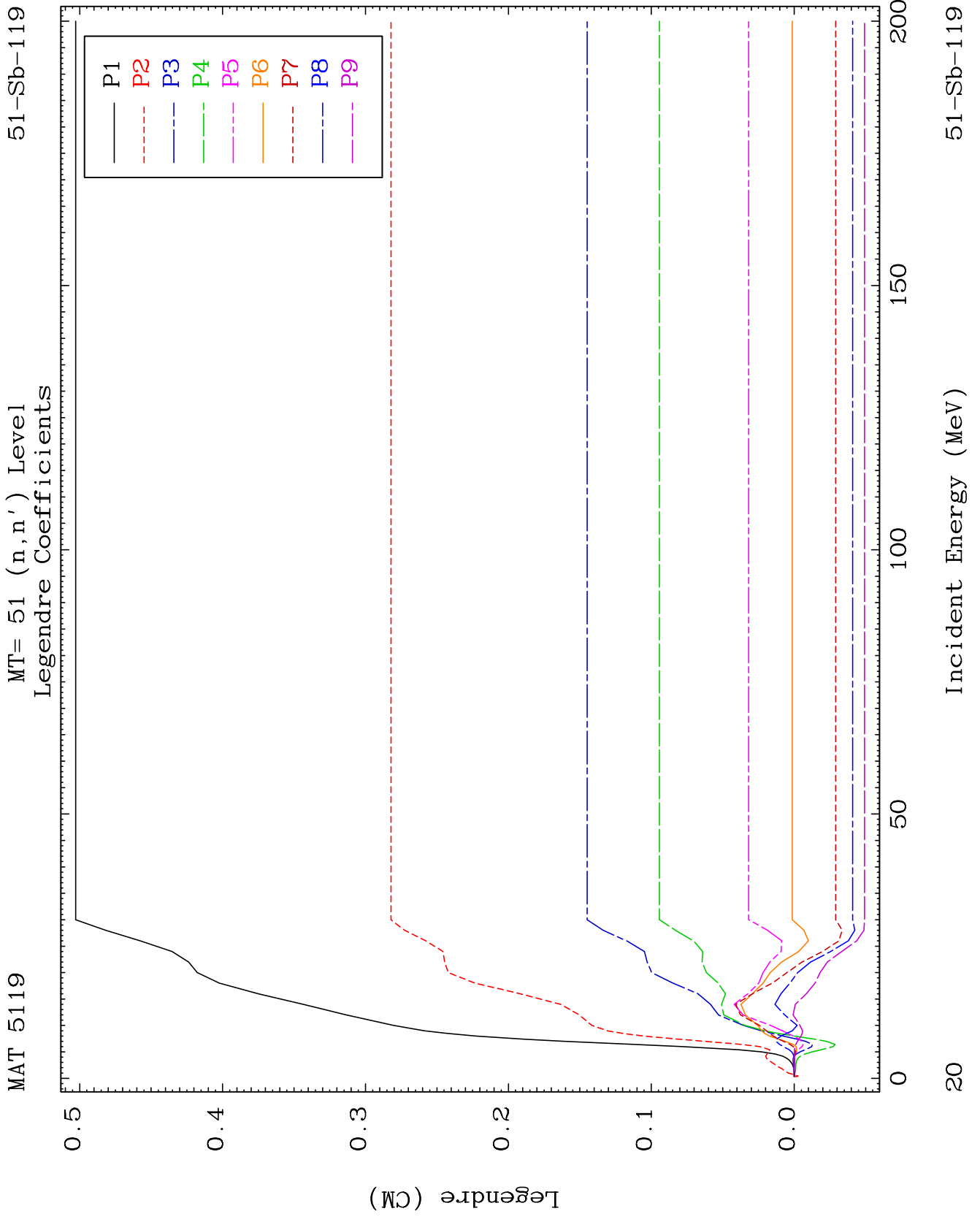


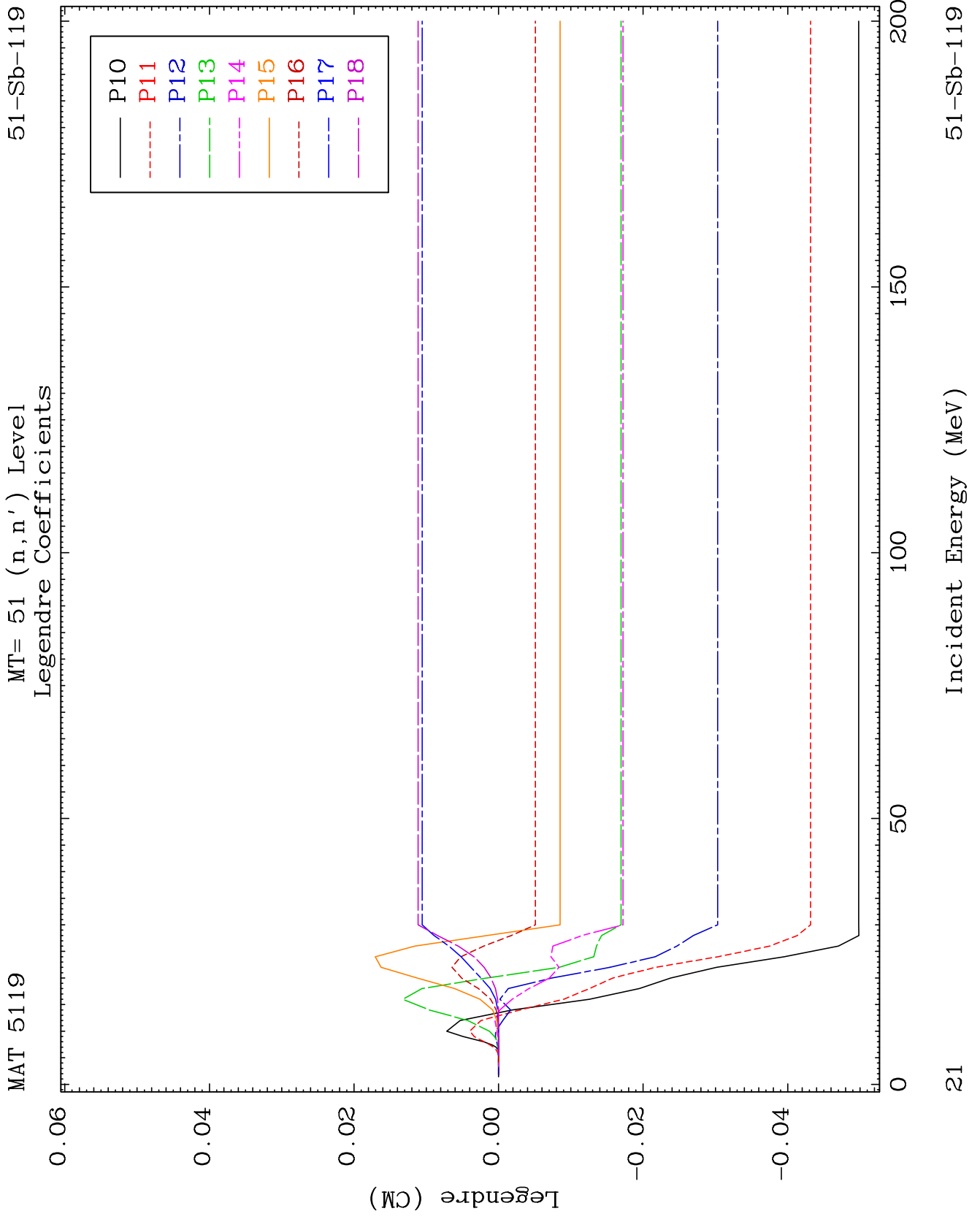
18

Incident Energy (MeV)

51-Sb-119



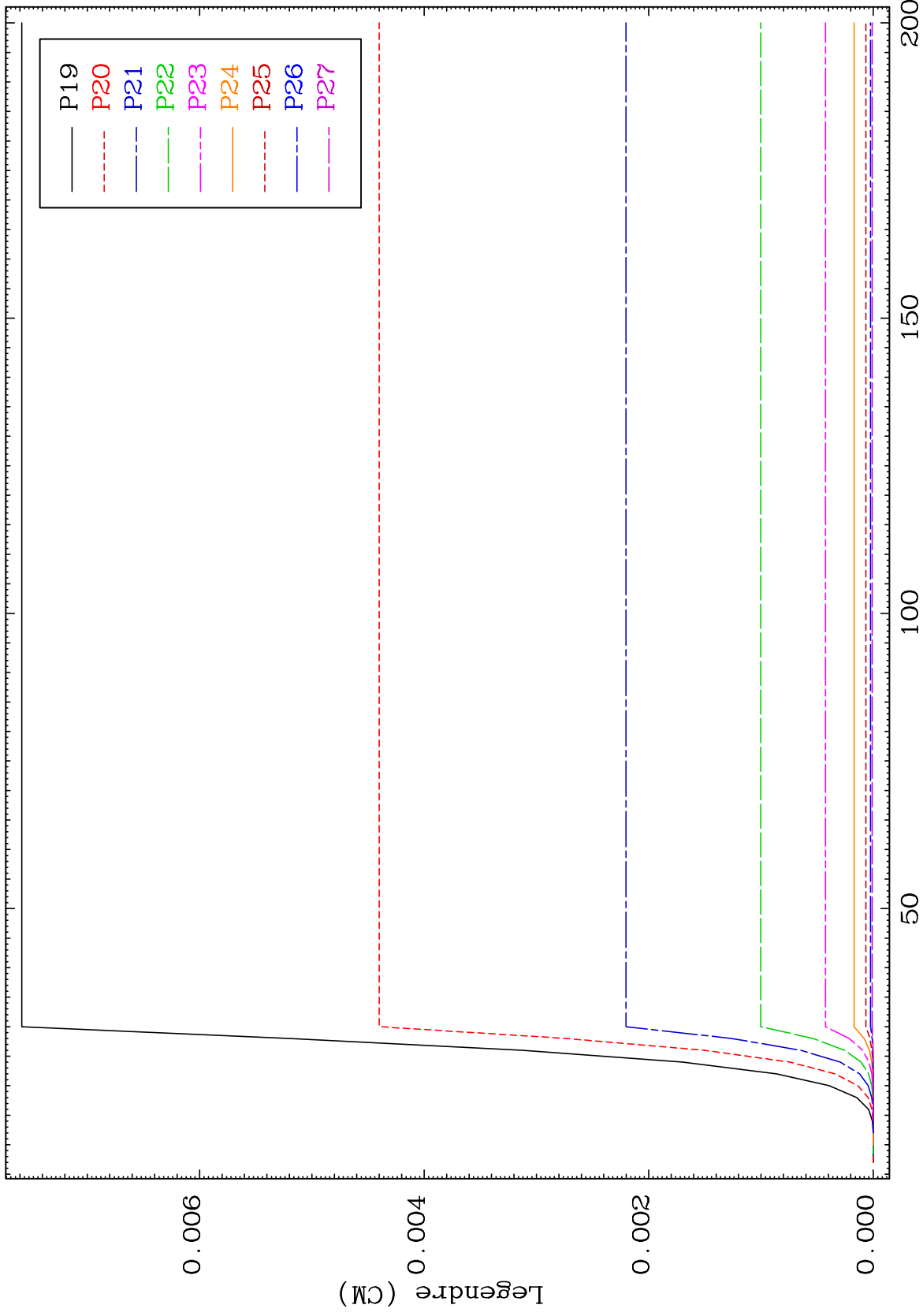




MAT 51119

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

51-Sb-119



22

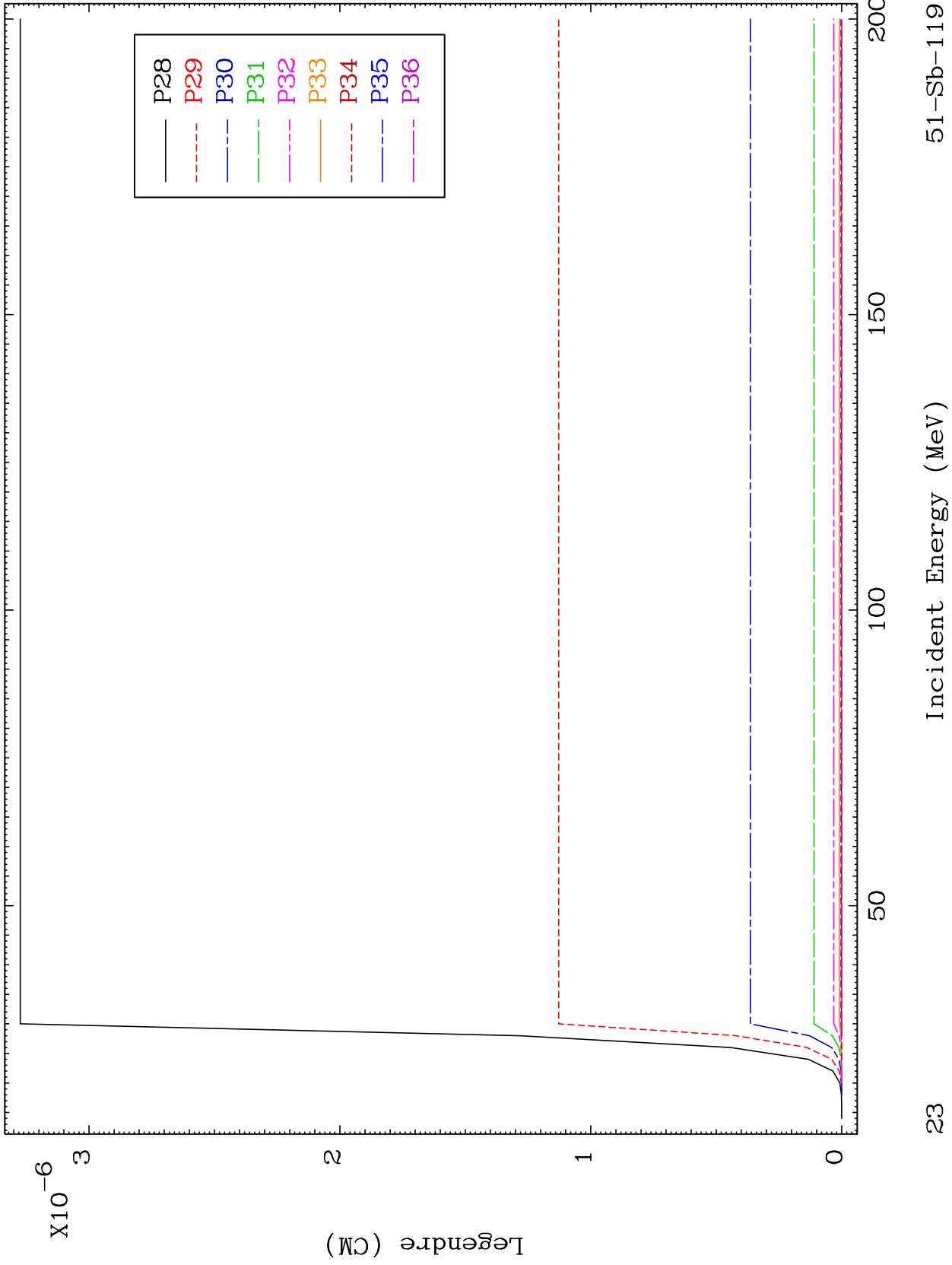
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

51-Sb-119



23

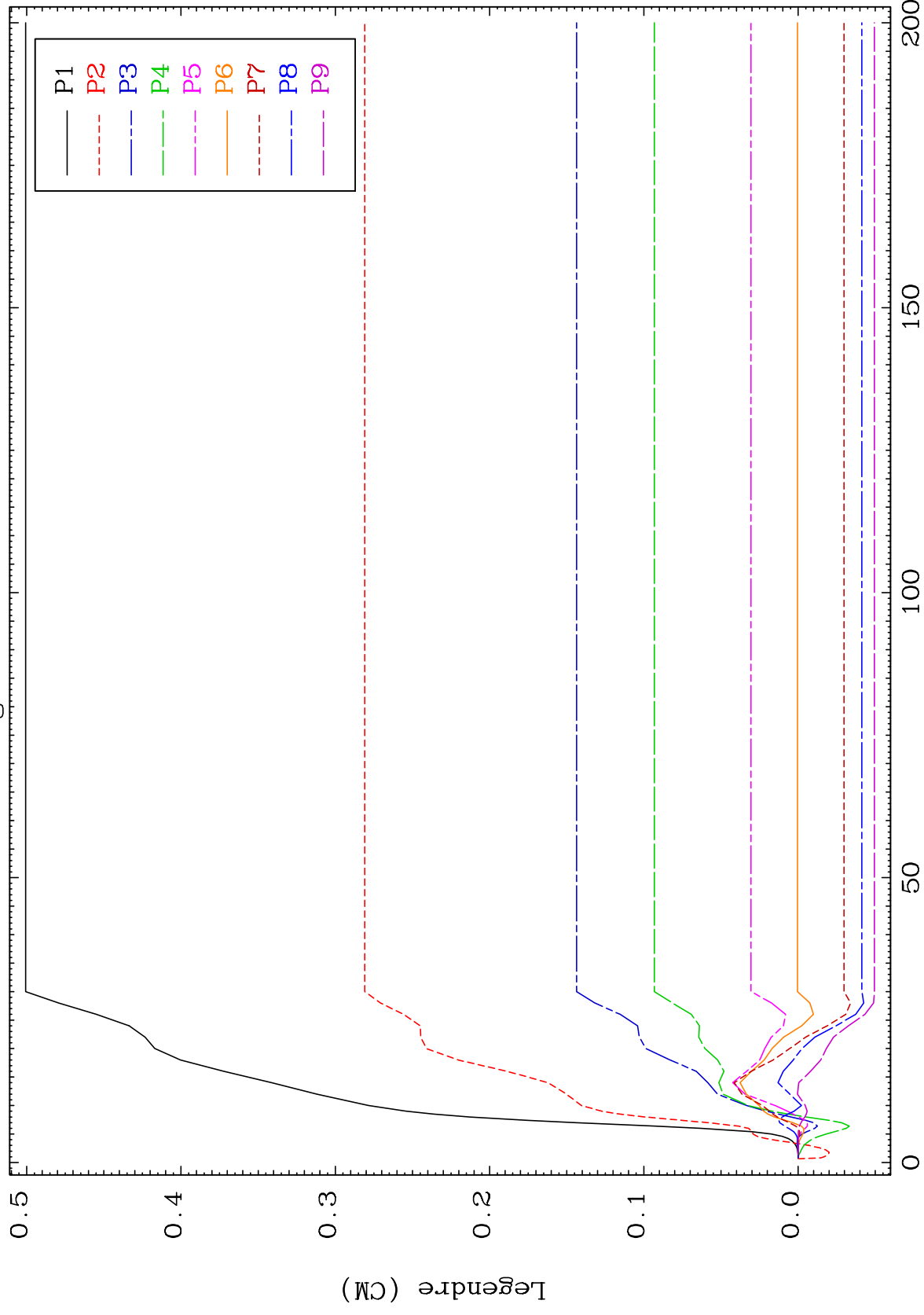
51-Sb-119



MAT 51119

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

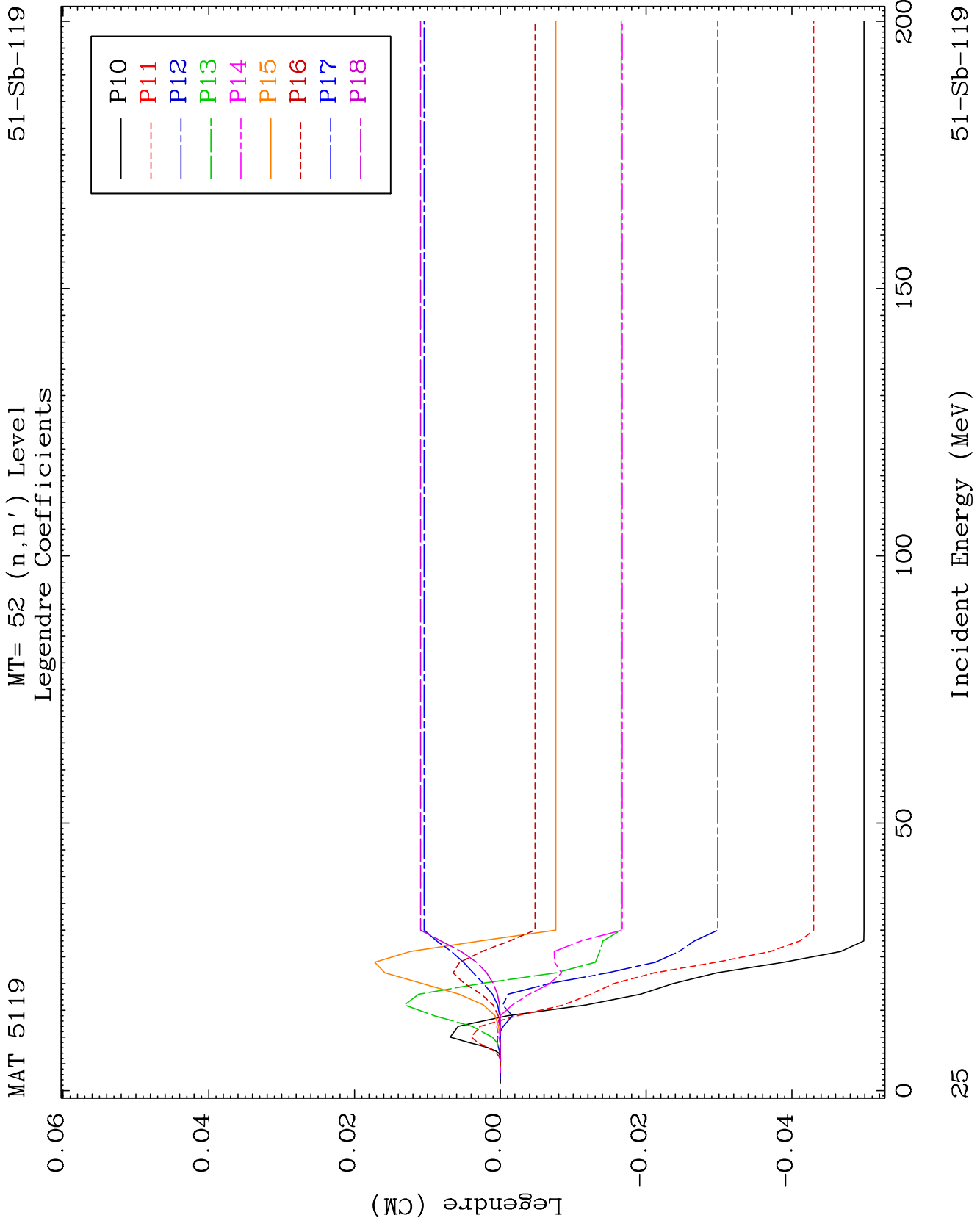
51-Sb-119



24

Incident Energy (MeV)

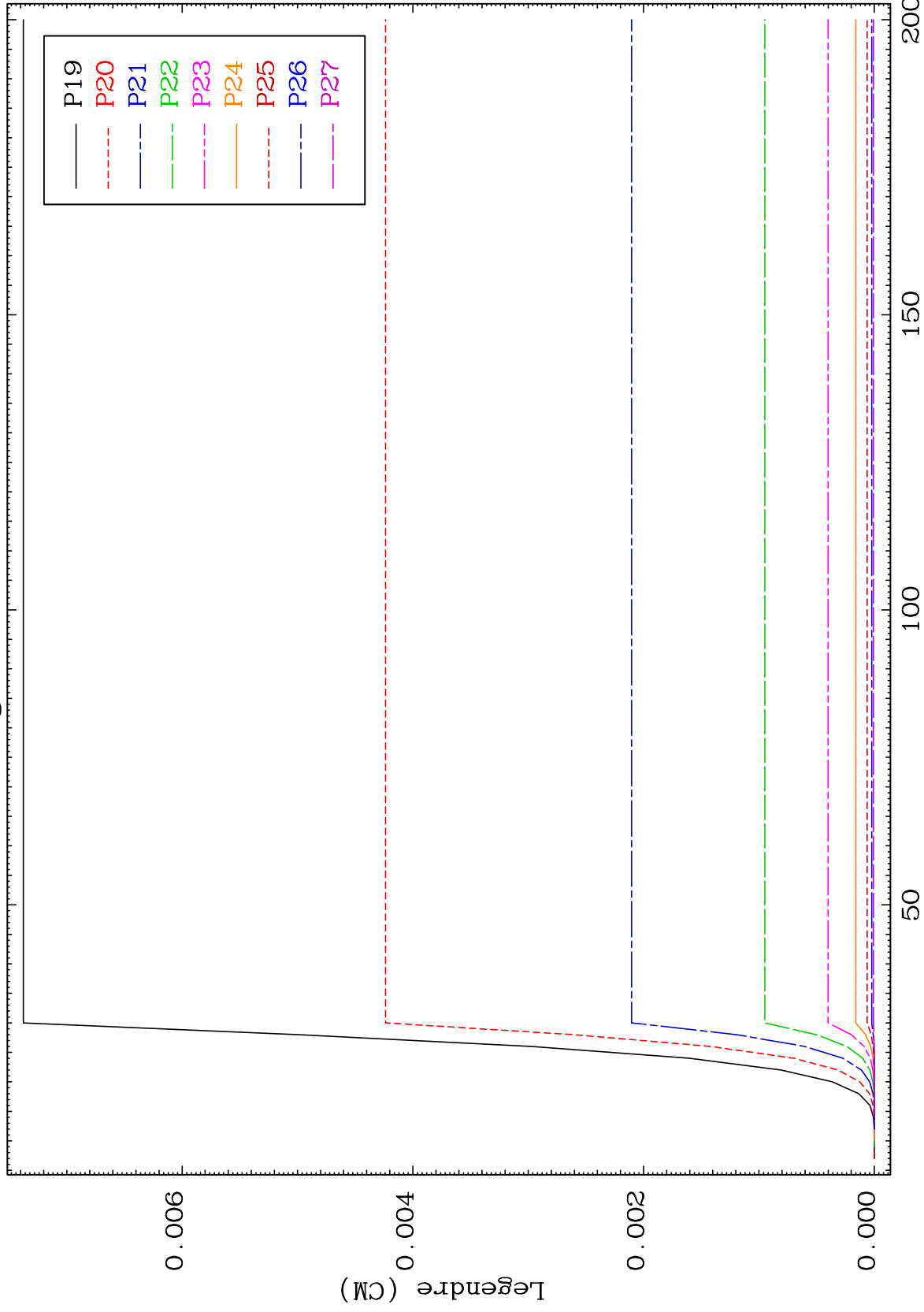
51-Sb-119



MAT 5119

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

51-Sb-119



26

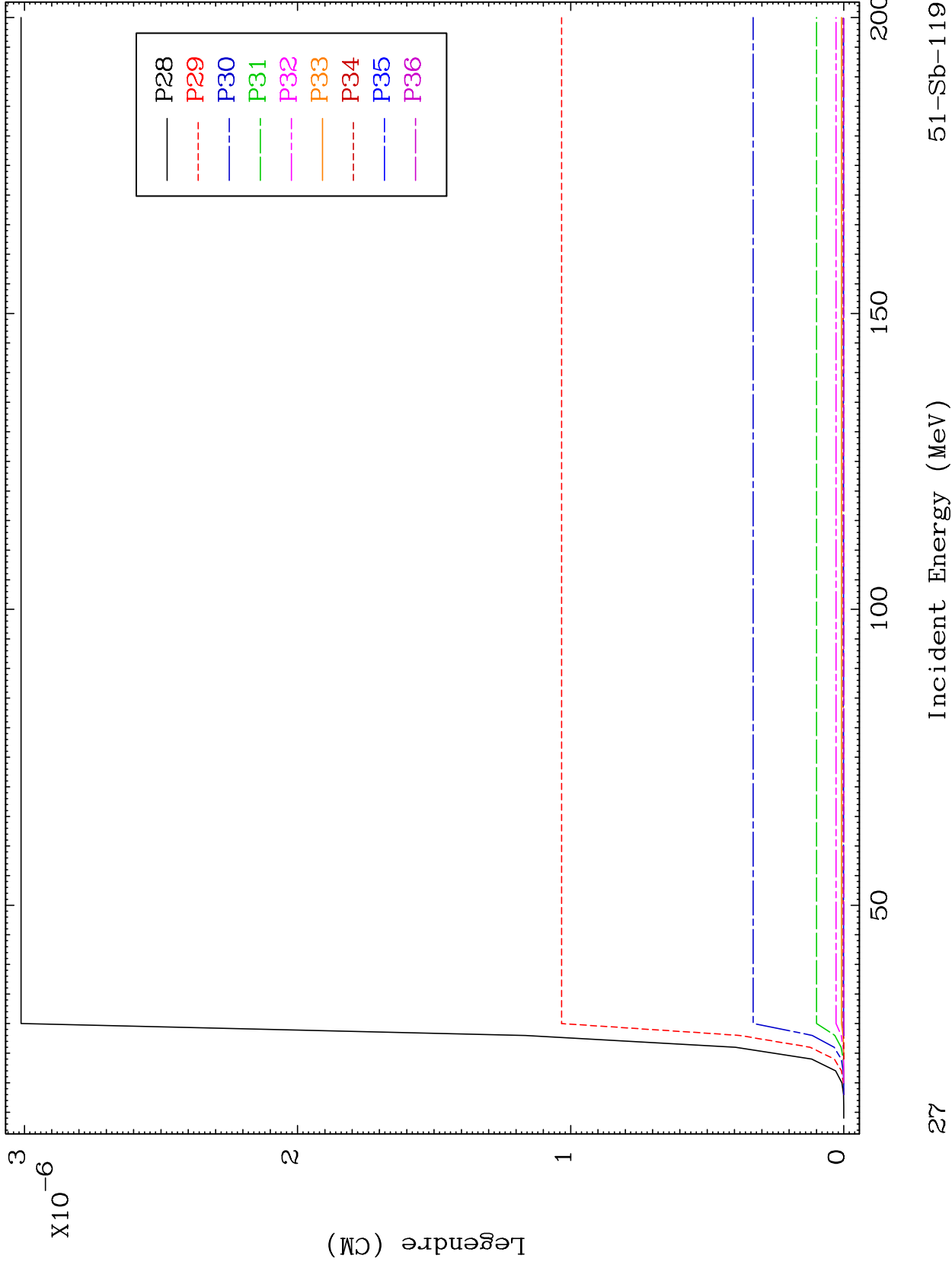
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

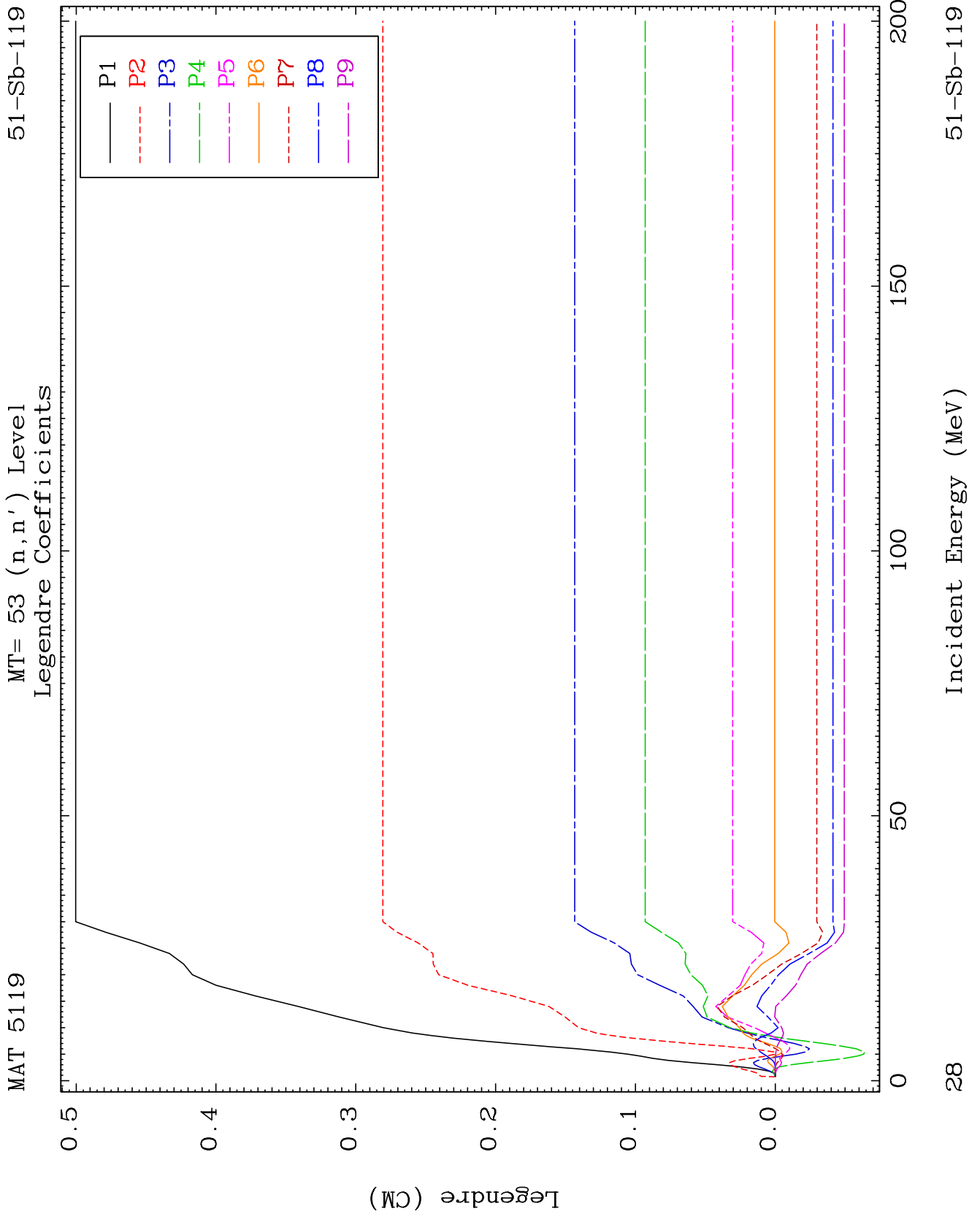
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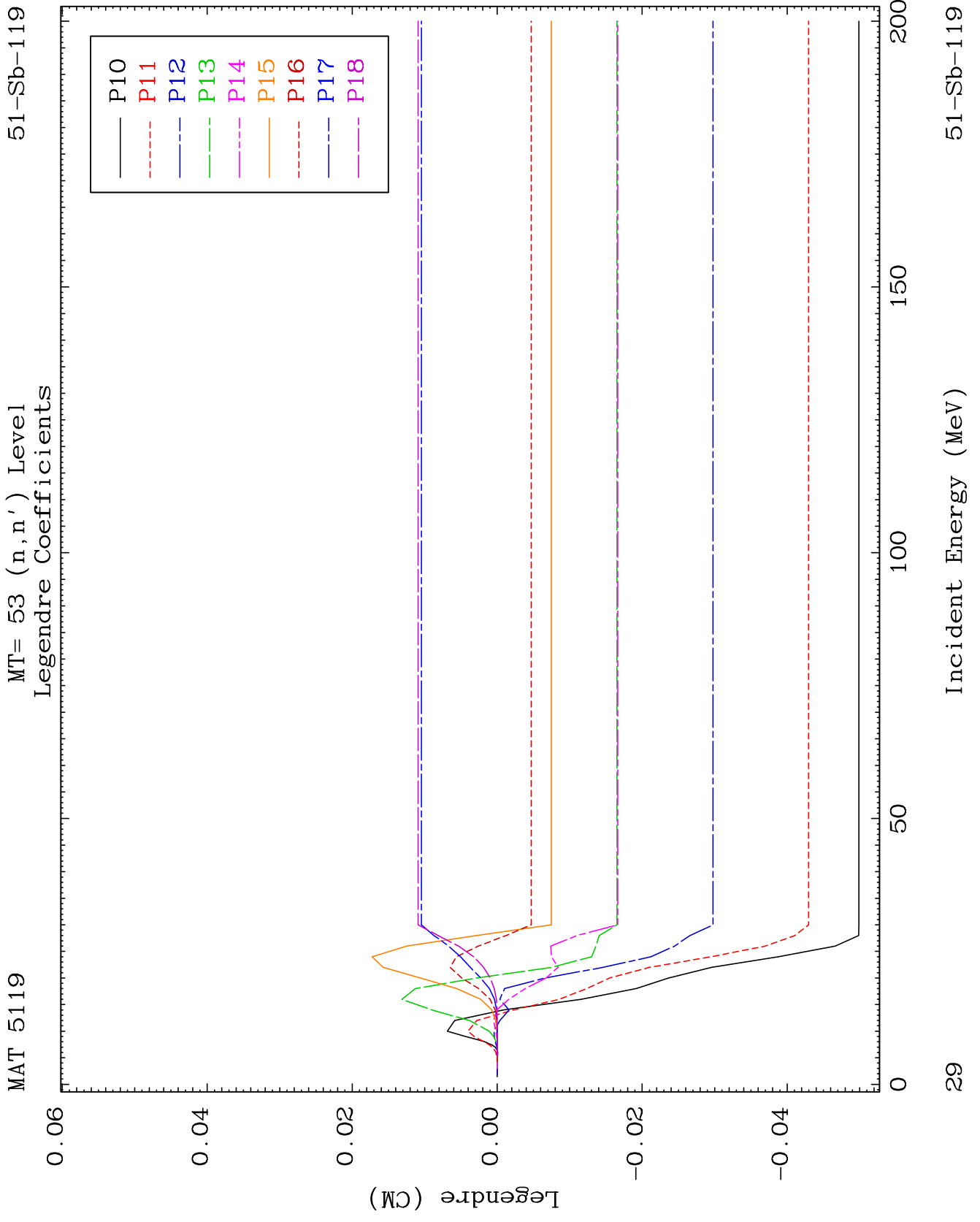


27

Incident Energy (MeV)

51-Sb-119

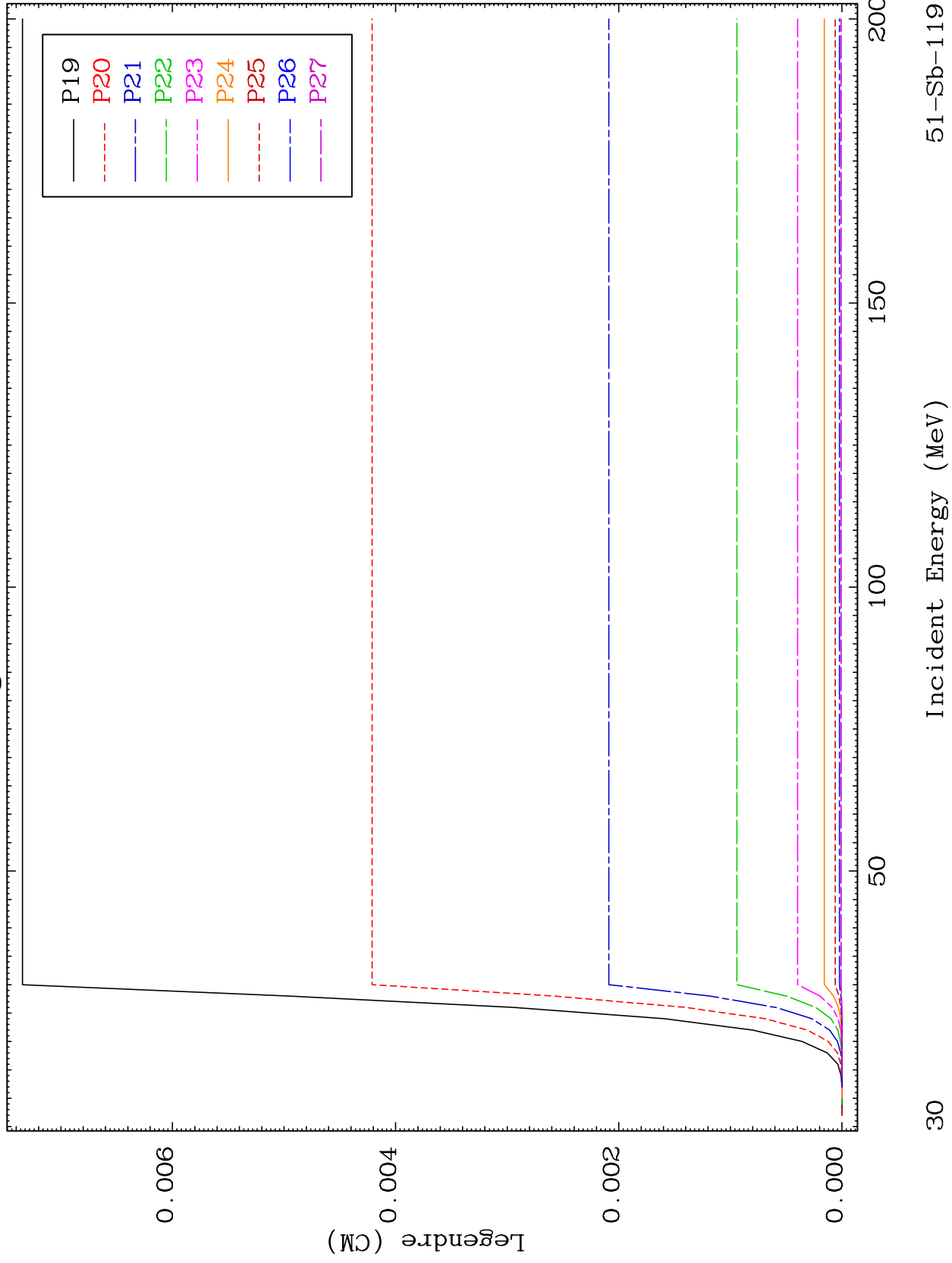




MAT 5119

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

51-Sb-119



51-Sb-119

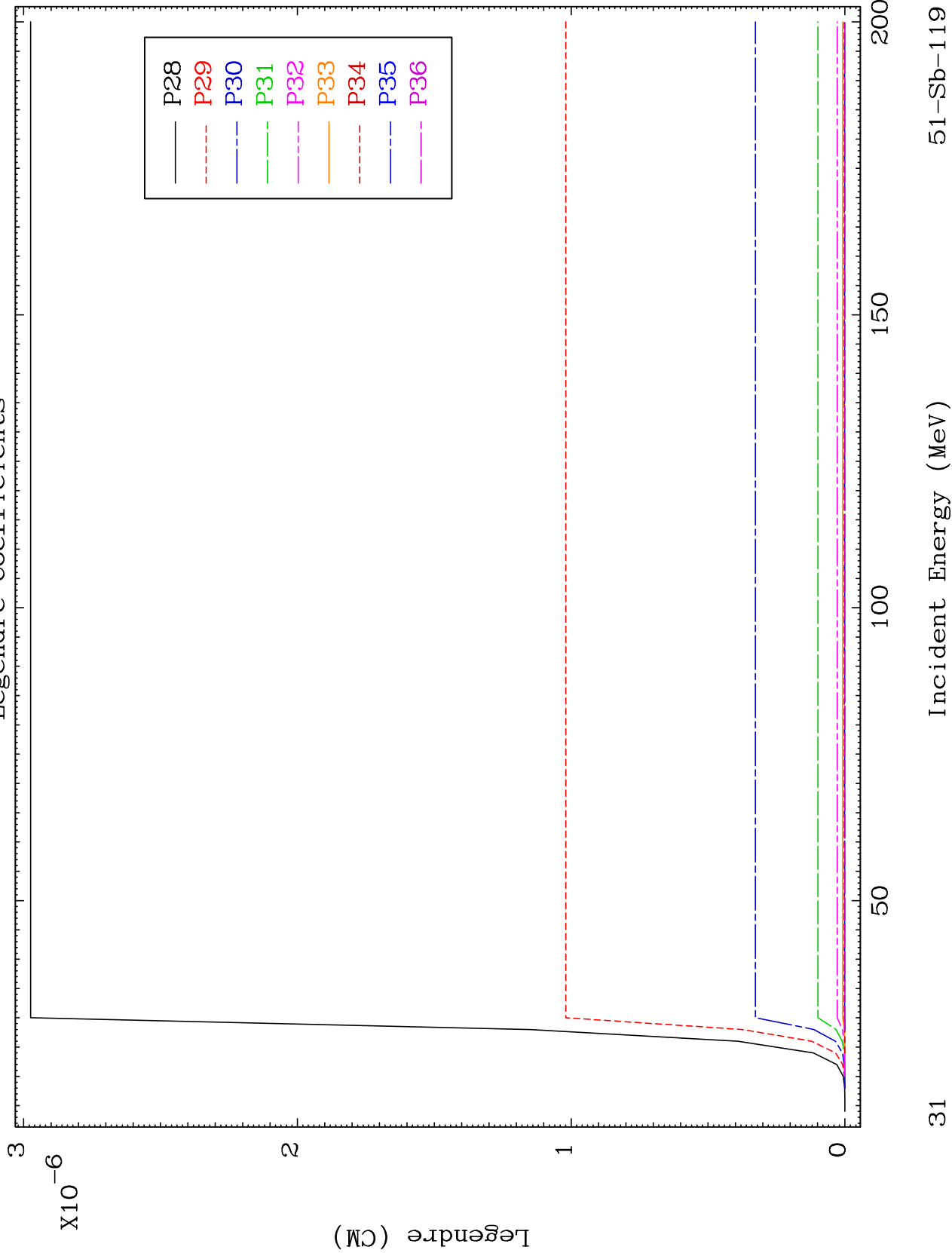
Incident Energy (MeV)

30

MAT 5119

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

51-Sb-119



31

Incident Energy (MeV)

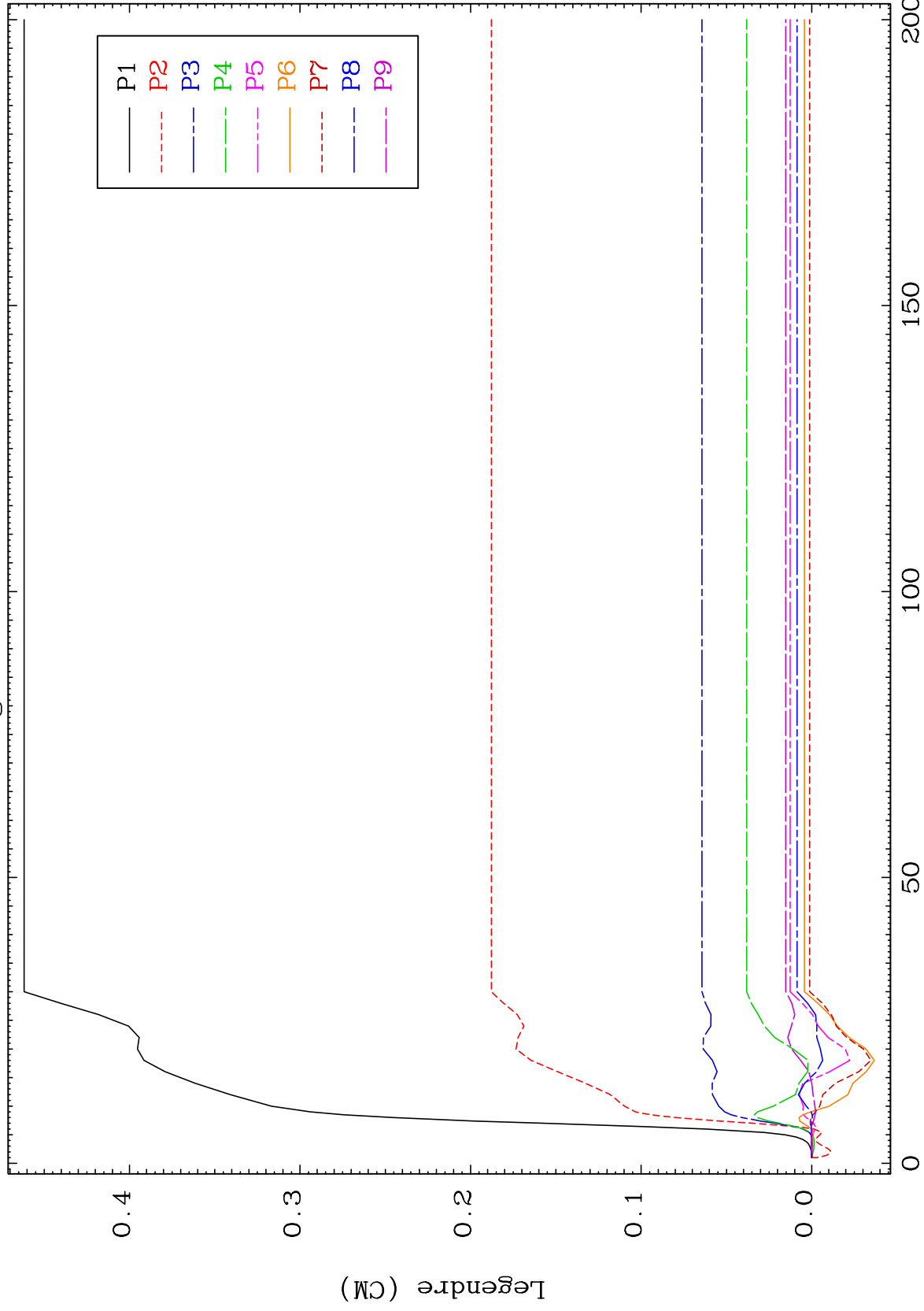
51-Sb-119



MAT 5119

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

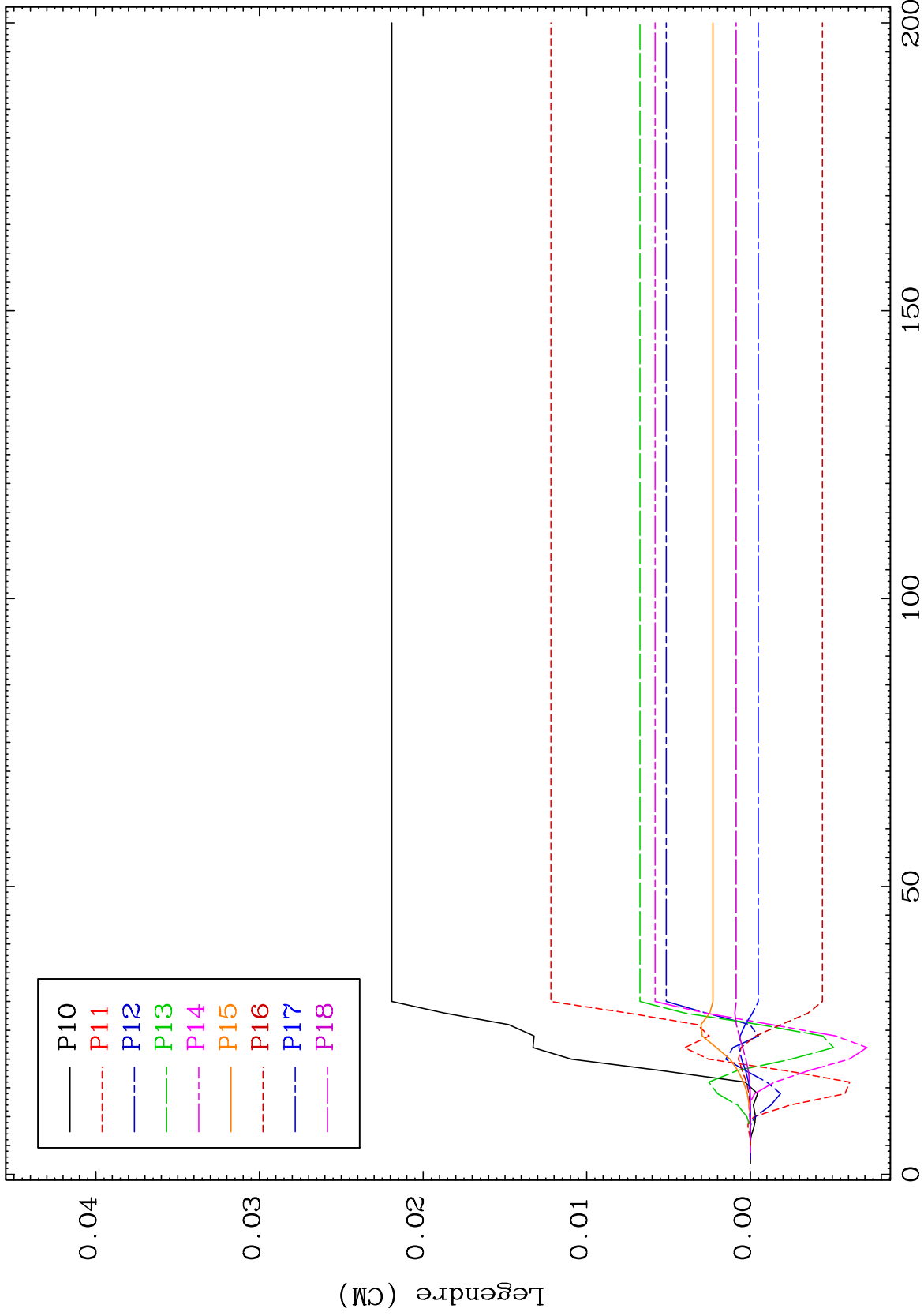
51-Sb-119



32

Incident Energy (MeV)

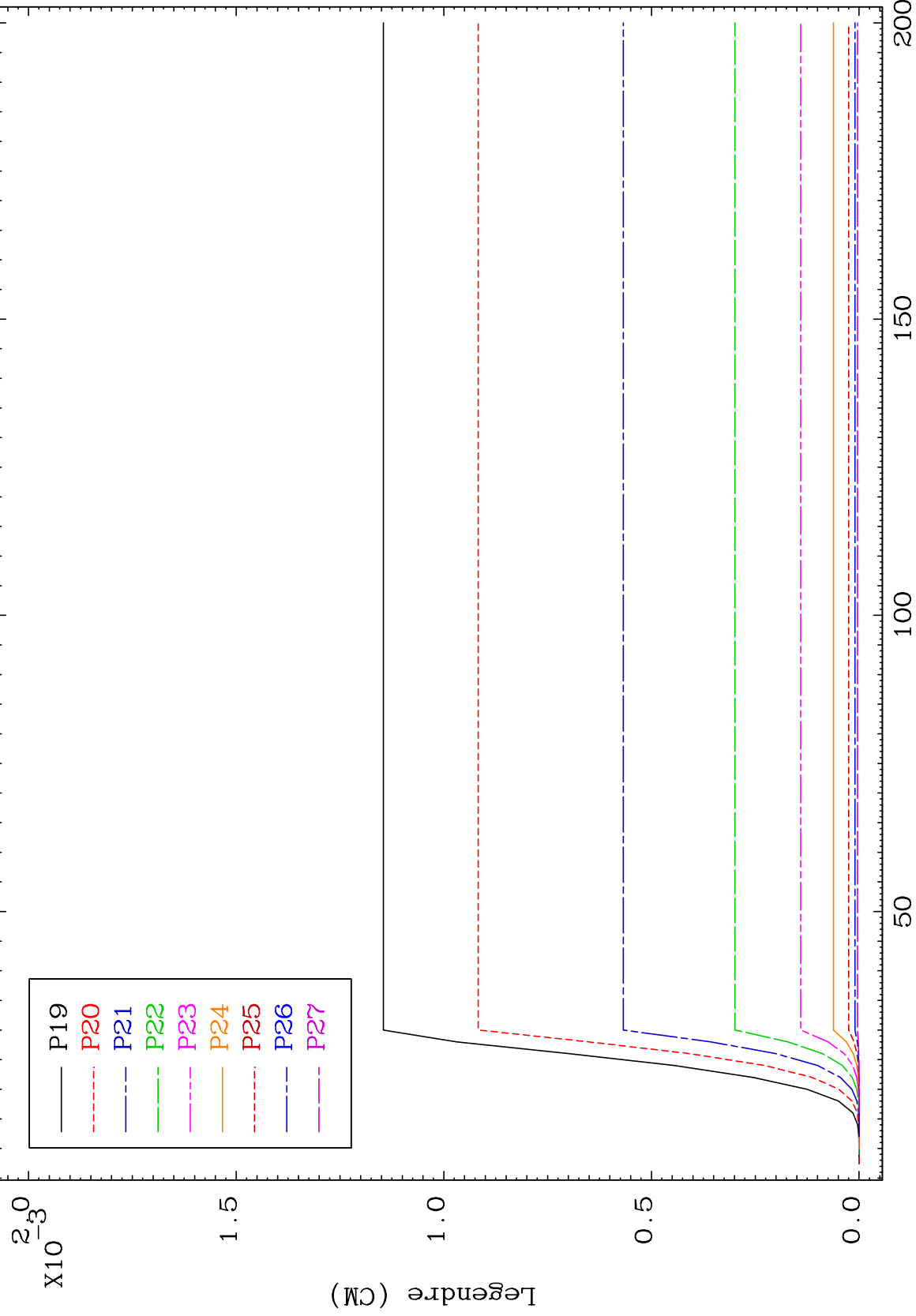
51-Sb-119



MAT 51119

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

51-Sb-119



34

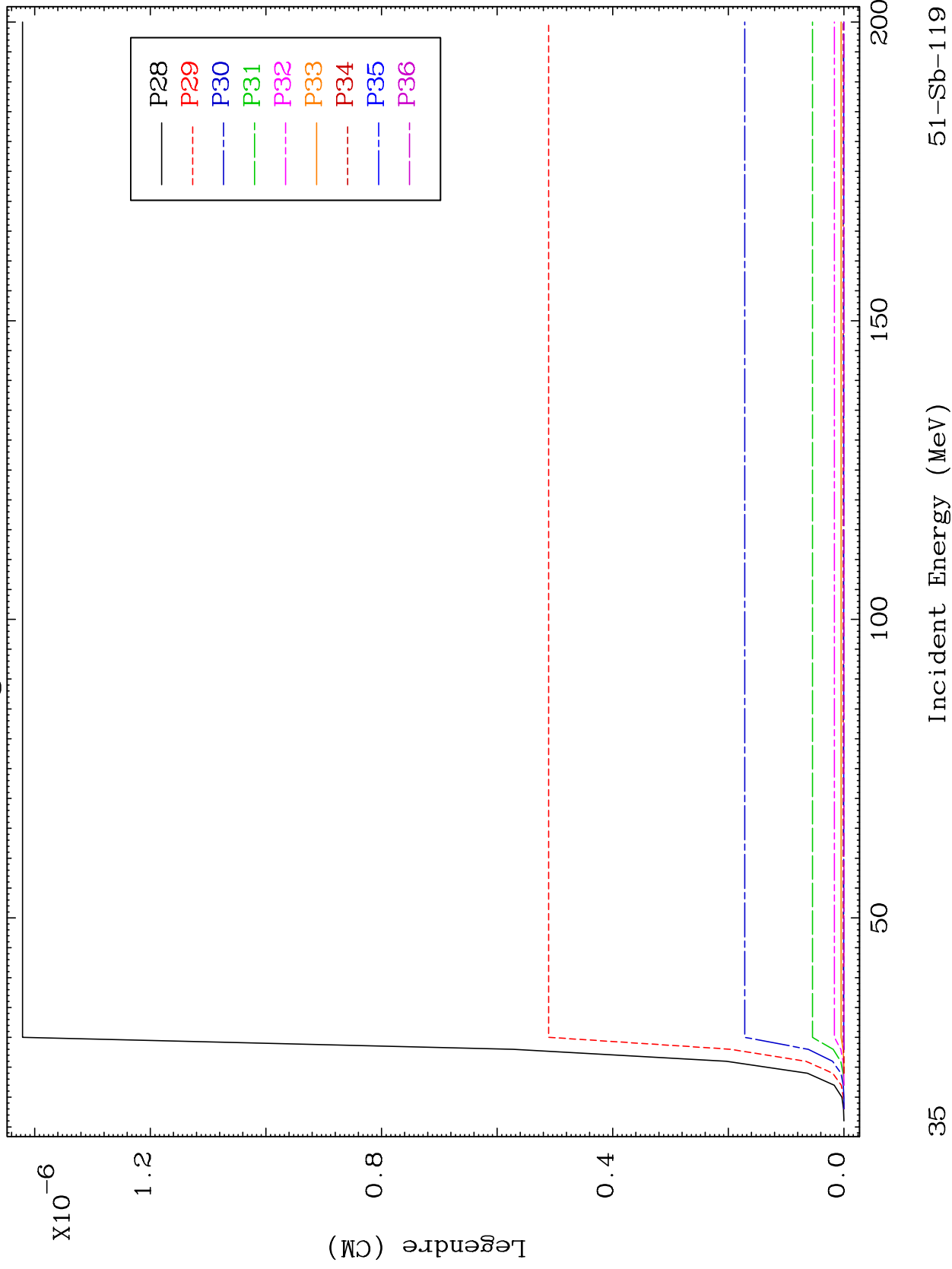
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



35

Incident Energy (MeV)

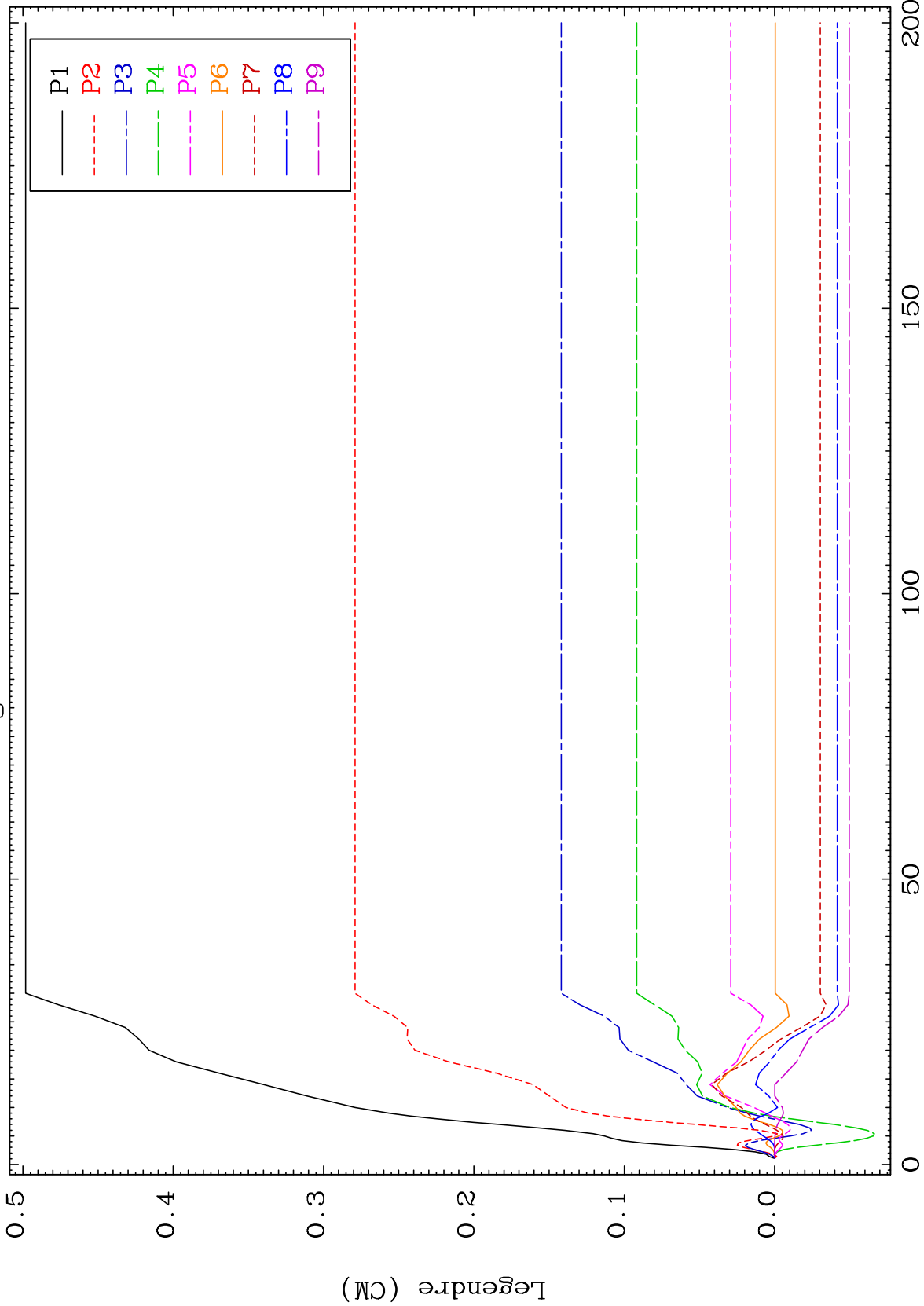
51-Sb-119

MAT 5119

MT= 55 (n,n') Level

51-Sb-119

Legendre Coefficients



36

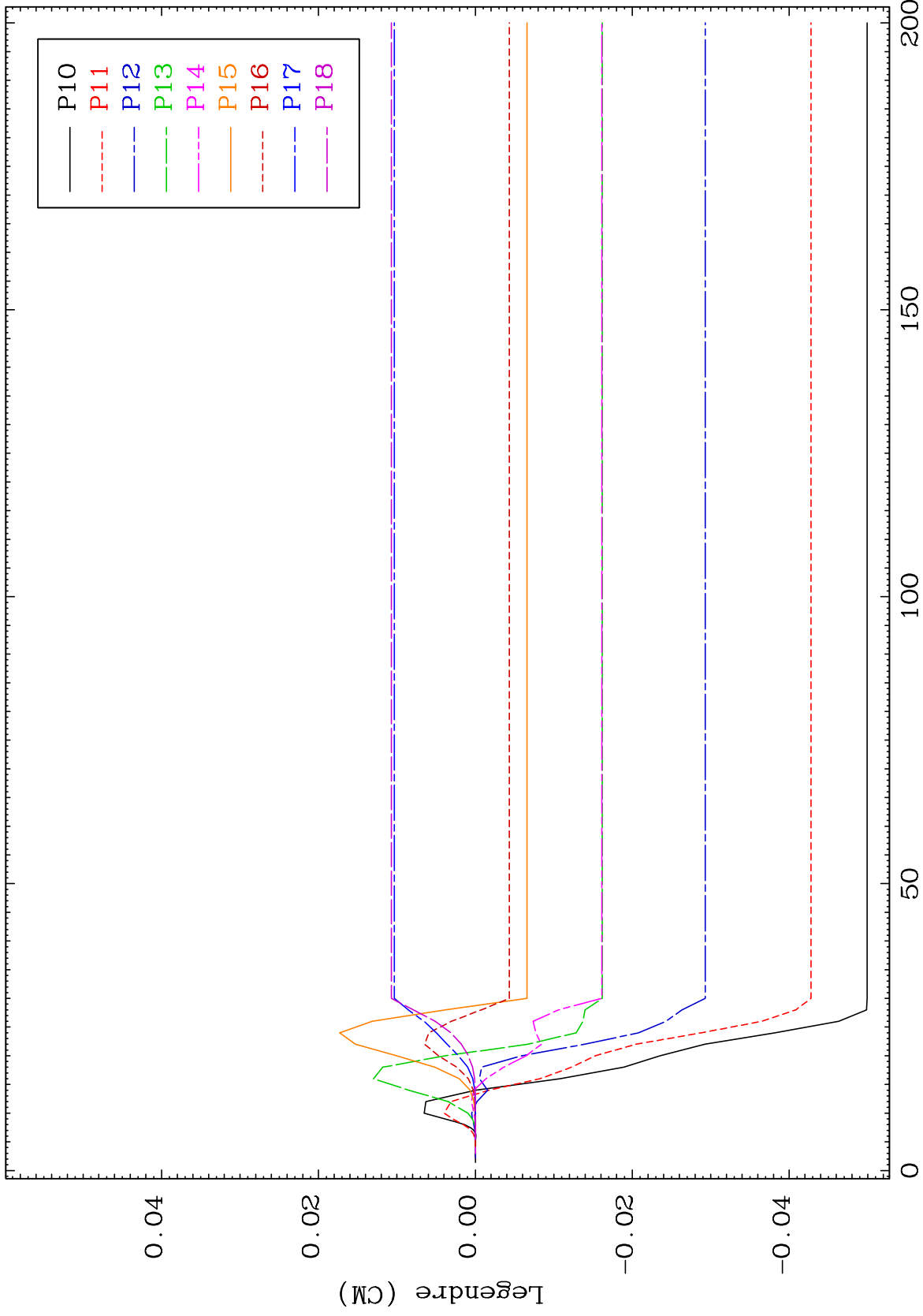
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

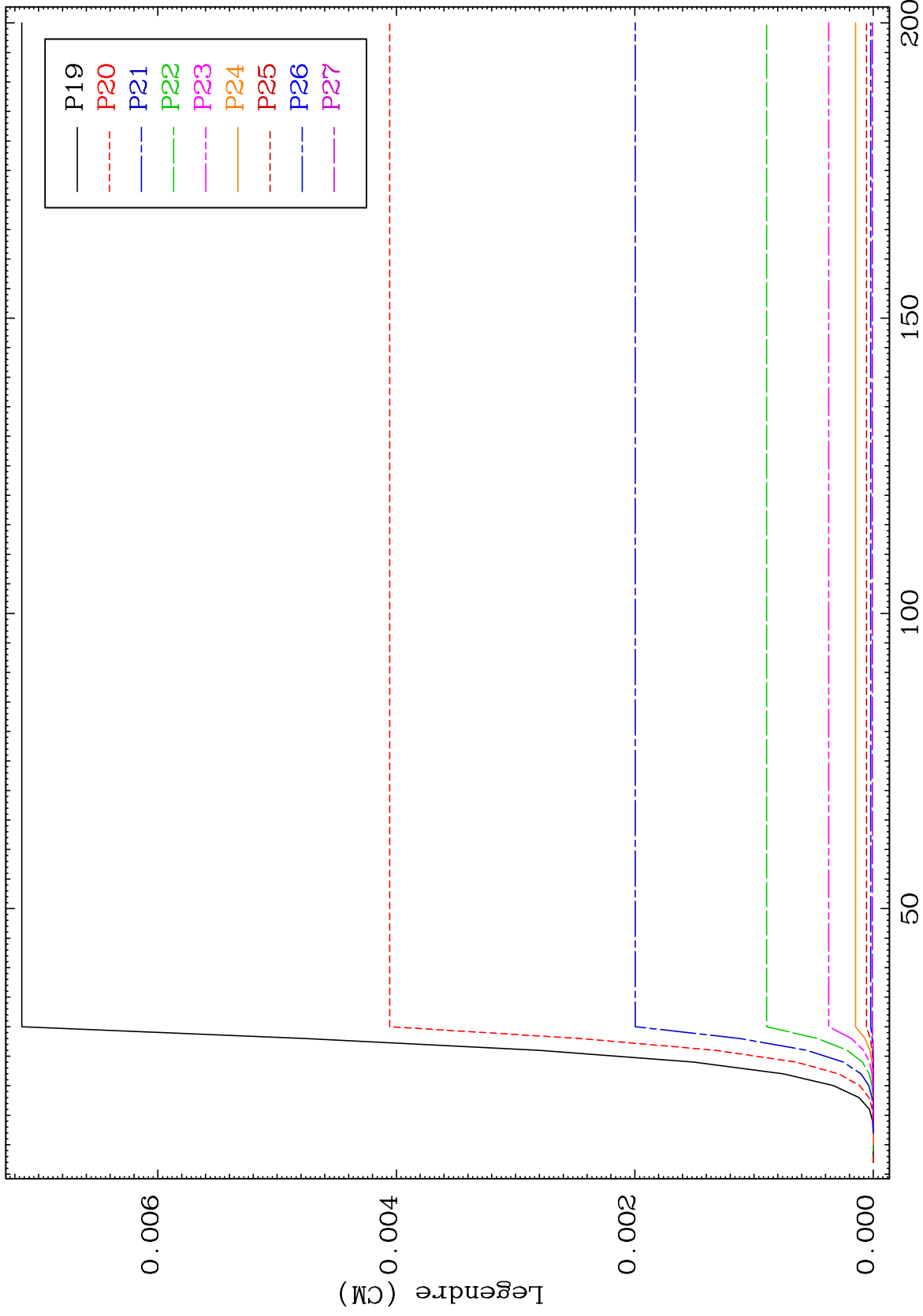
51-Sb-119



37

Incident Energy (MeV)

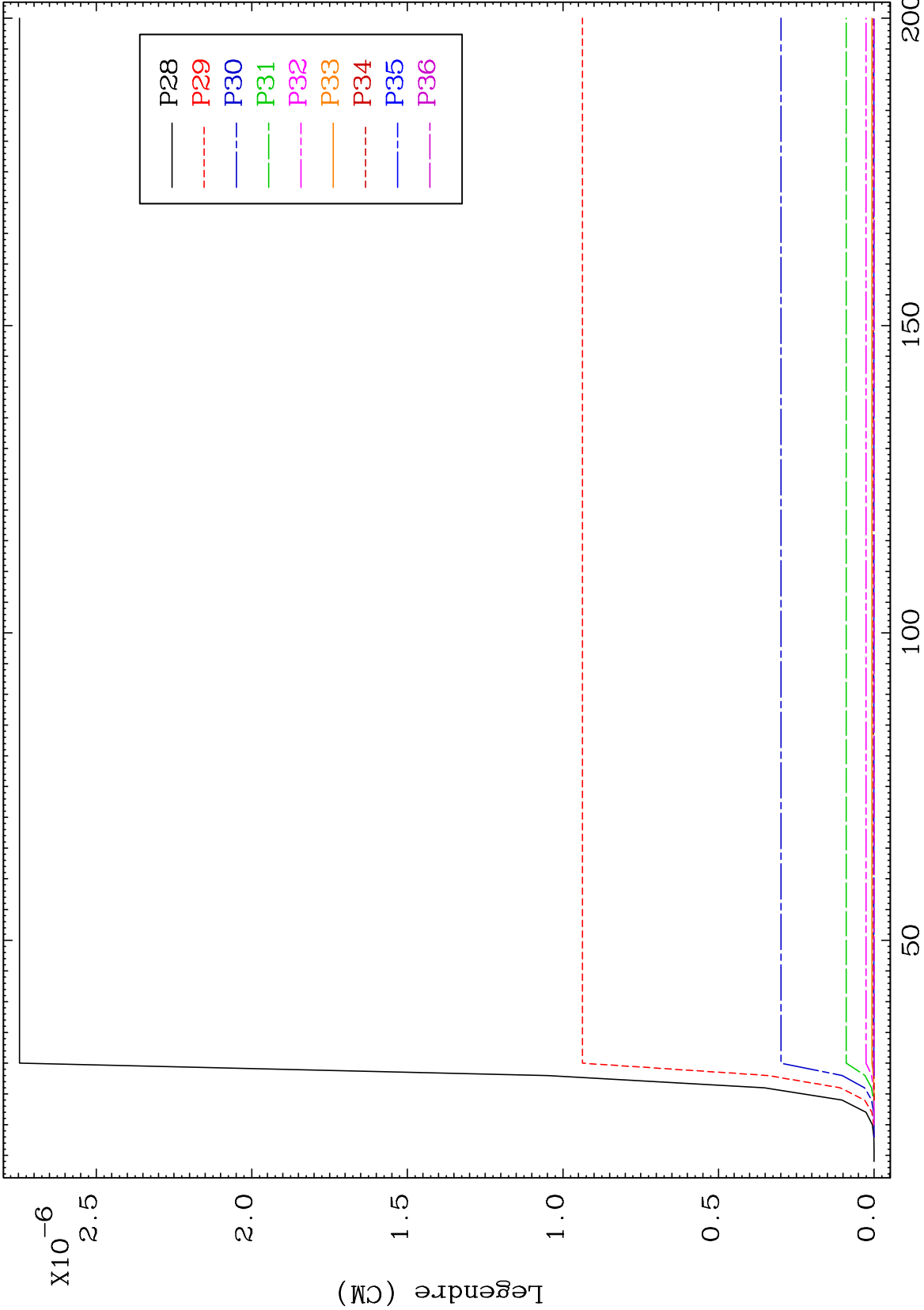
51-Sb-119



MAT 5119

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

51-Sb-119



39

Incident Energy (MeV)

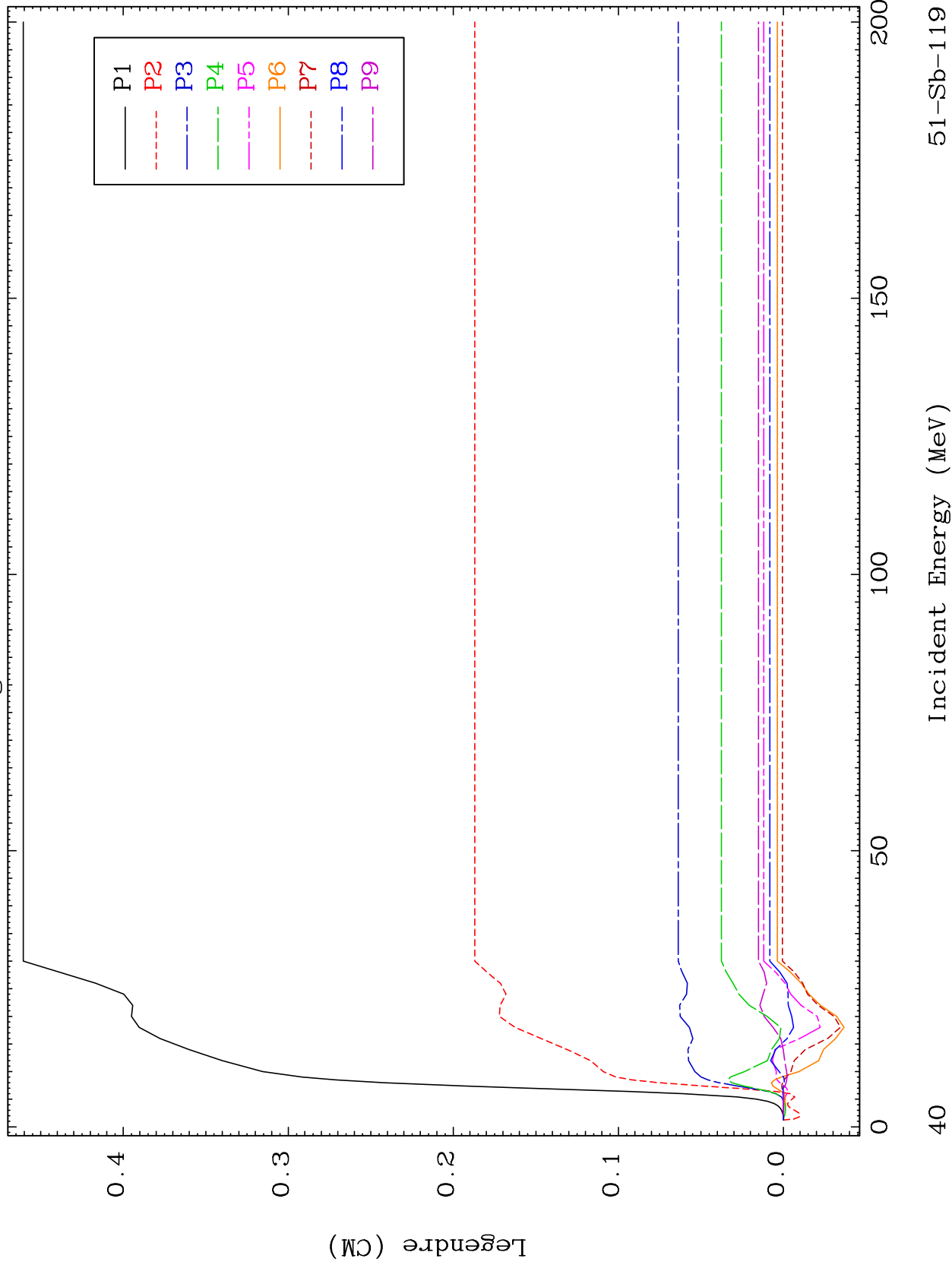
51-Sb-119



MAT 51119

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

51-Sb-119



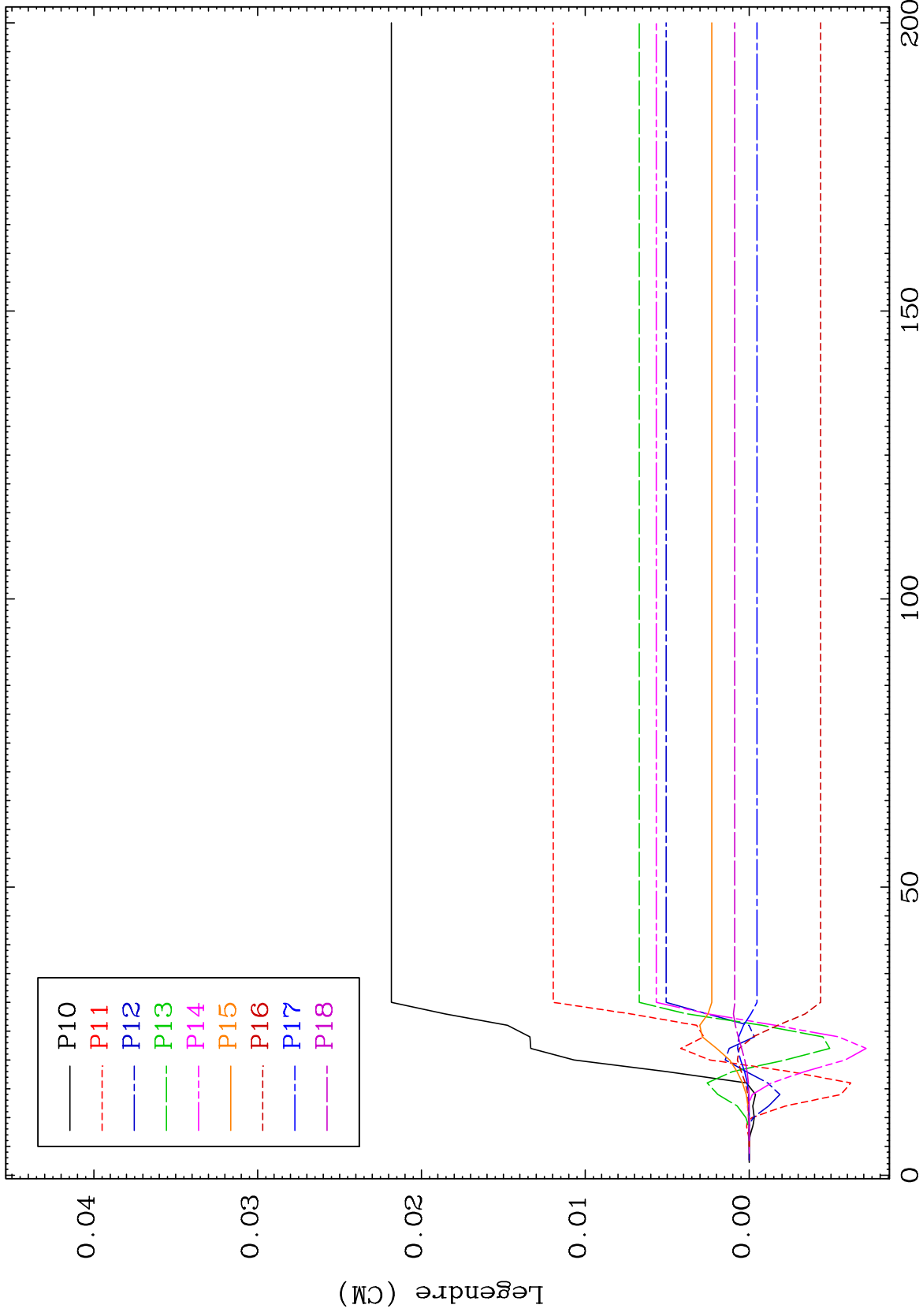
51-Sb-119

Incident Energy (MeV)

MAT 5119

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

51-Sb-119



41

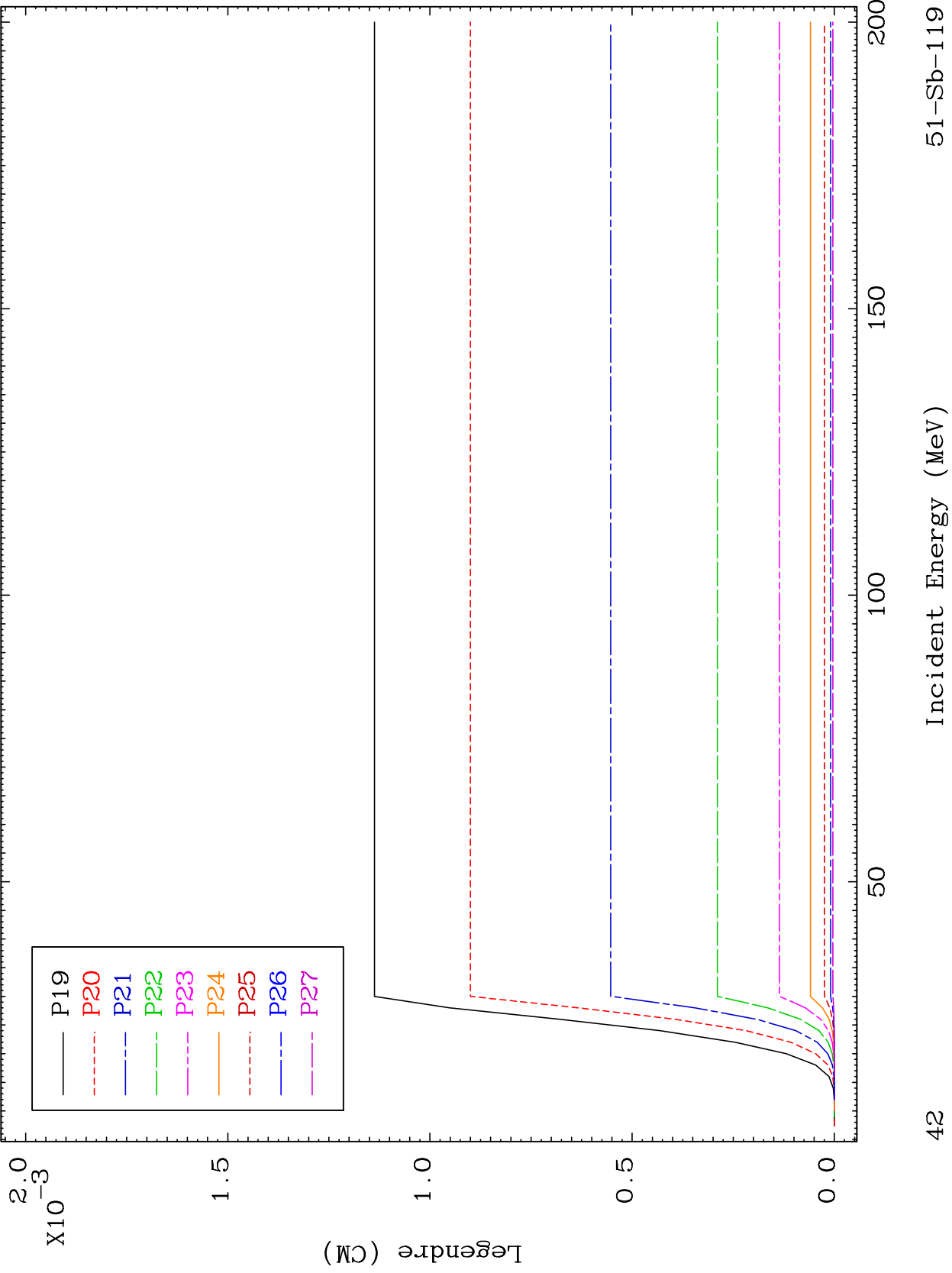
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



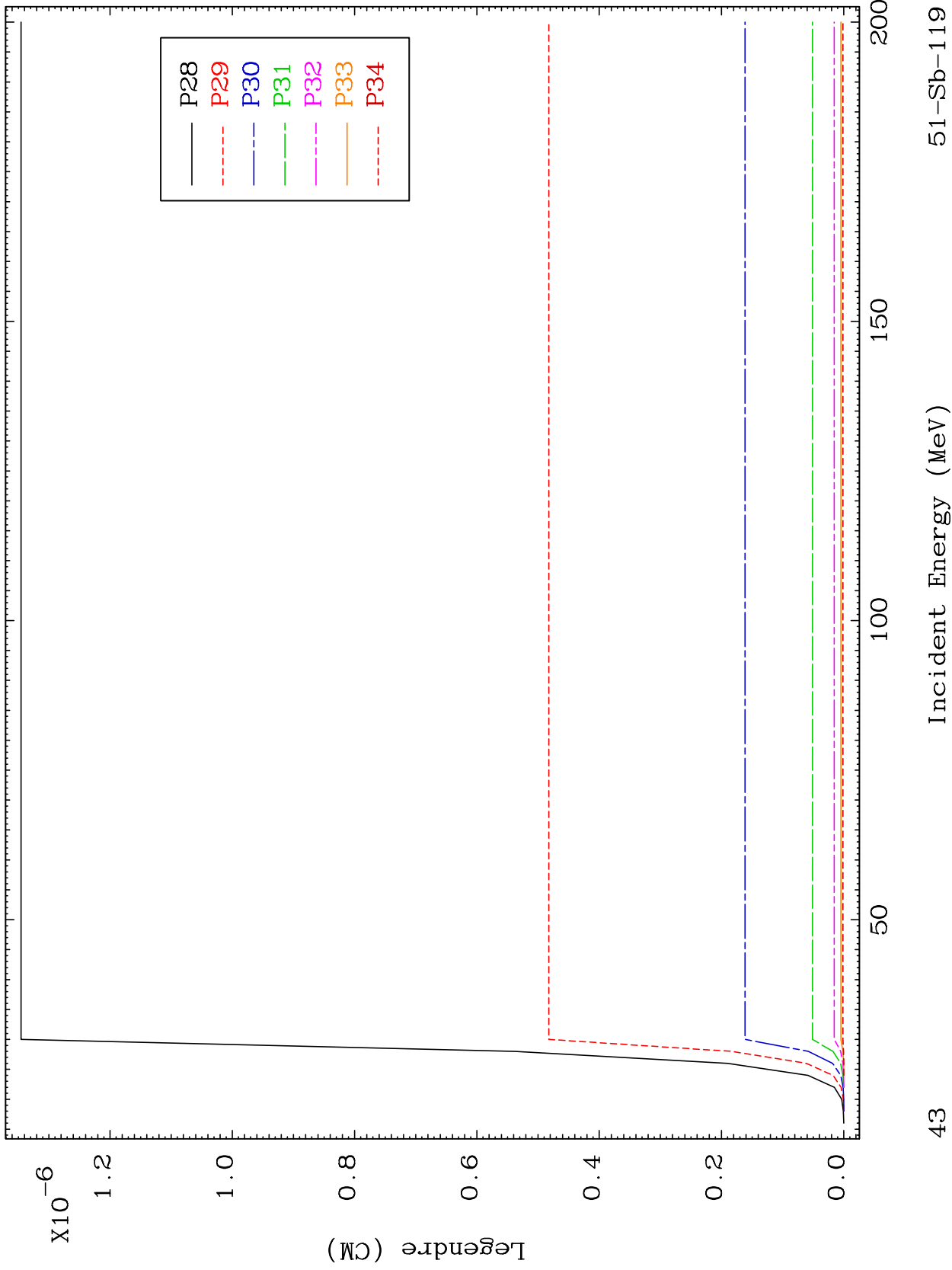
42

51-Sb-119

MAT 5119

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

51-Sb-119

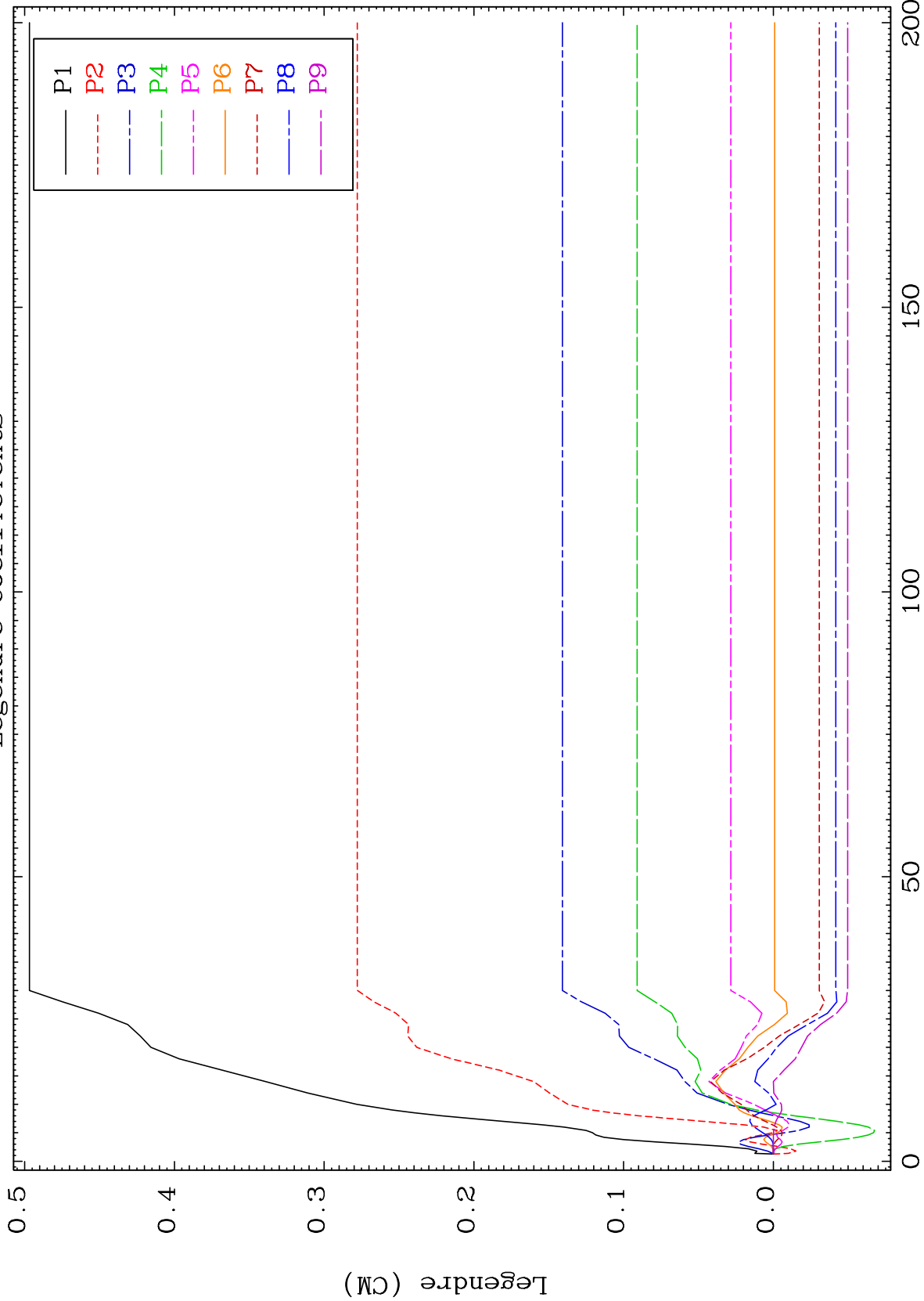


MAT 5119

MT= 57 (n,n') Level

51-Sb-119

Legendre Coefficients



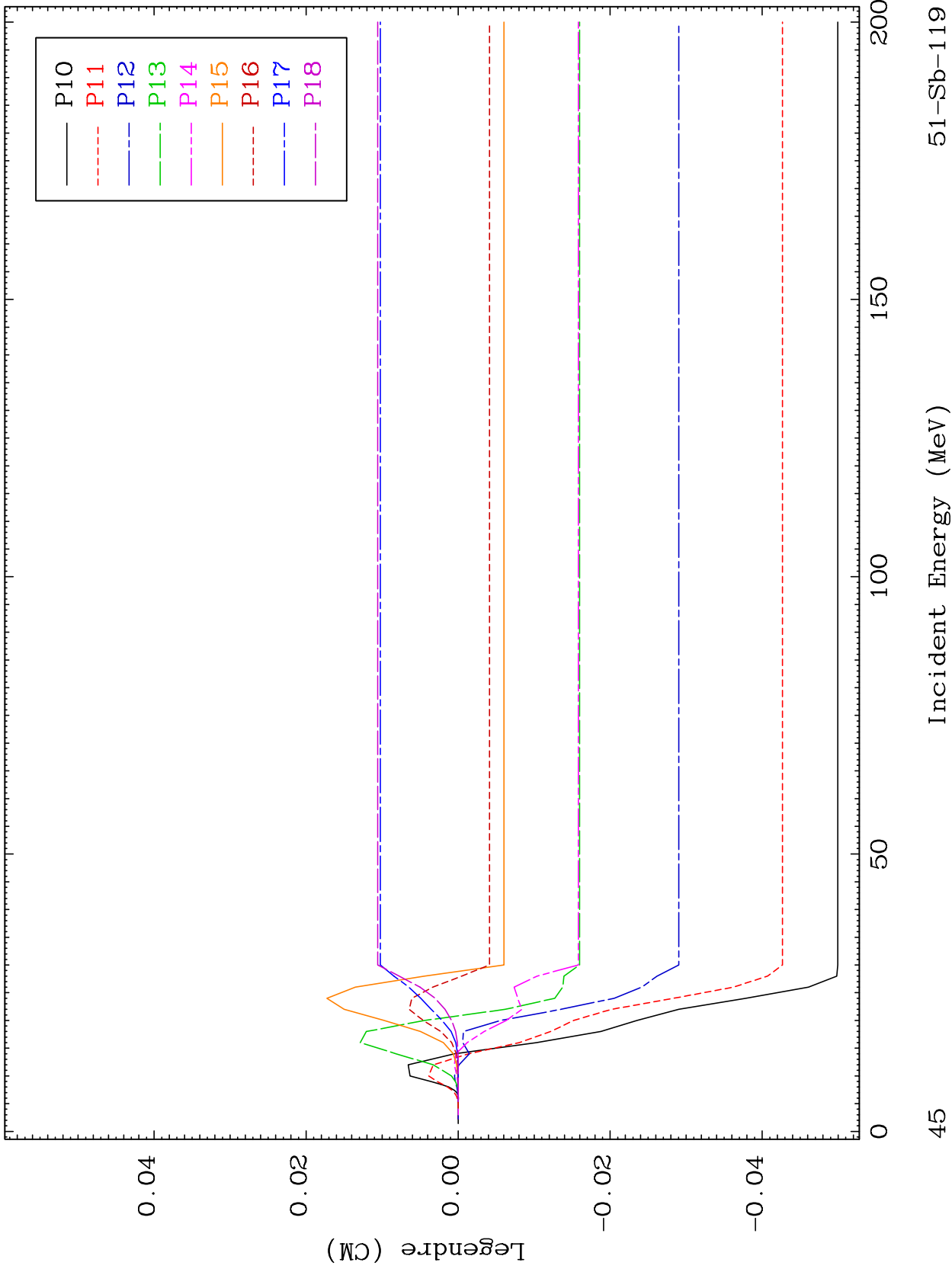
44

51-Sb-119

MAT 5119

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

51-Sb-119



51-Sb-119

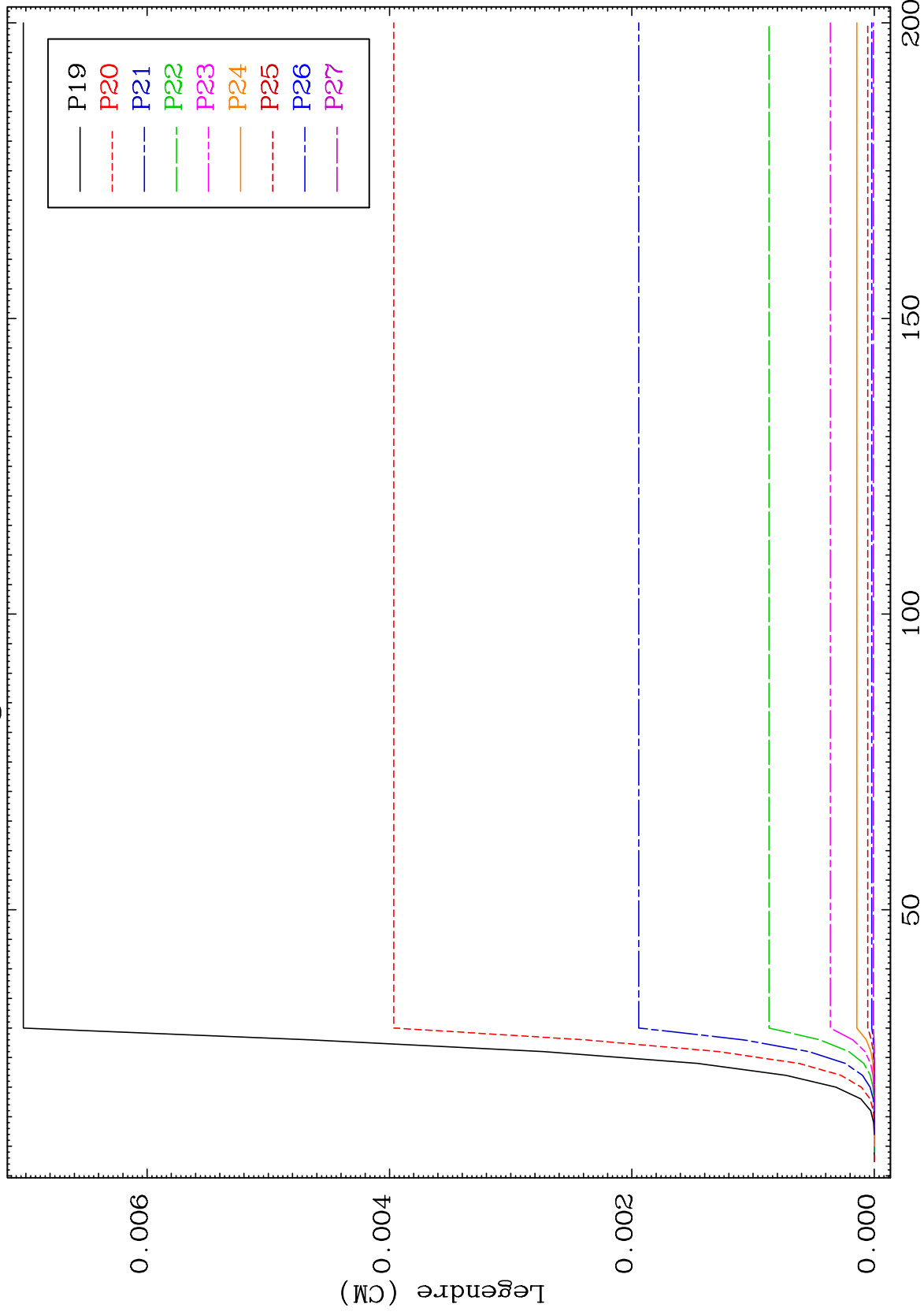
Incident Energy (MeV)

45

MAT 5119

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

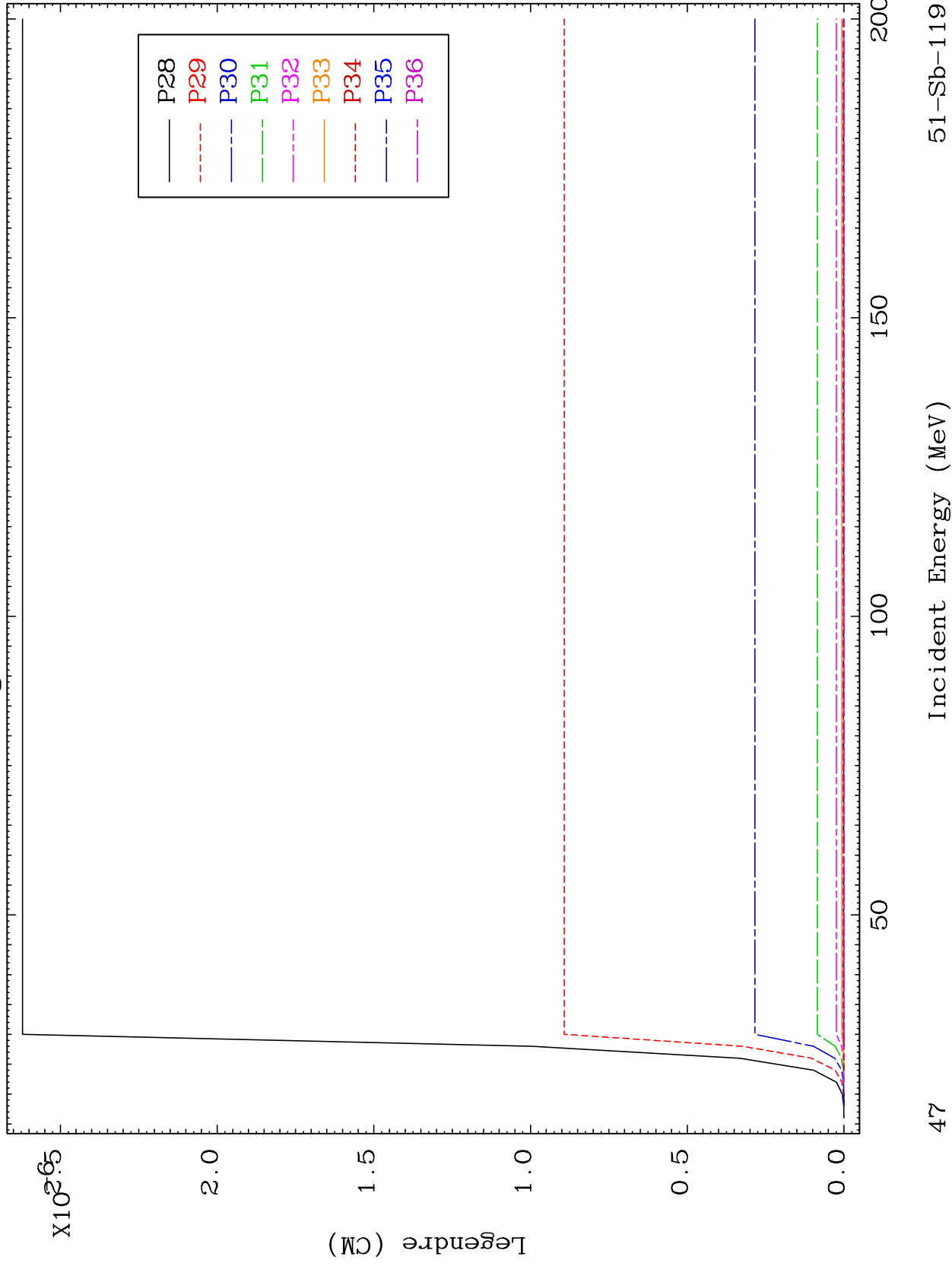
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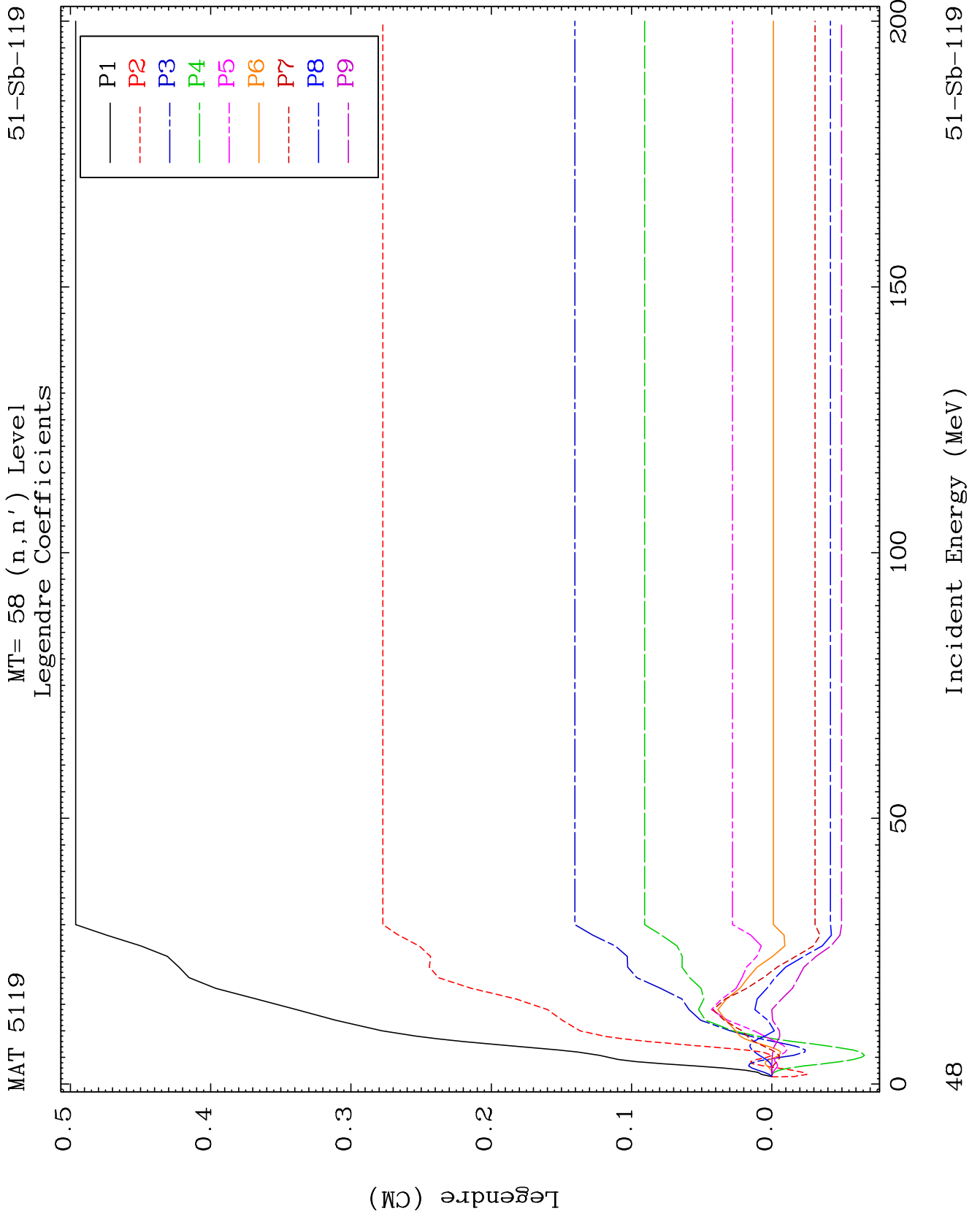
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Incident Energy (MeV)

51-Sb-119



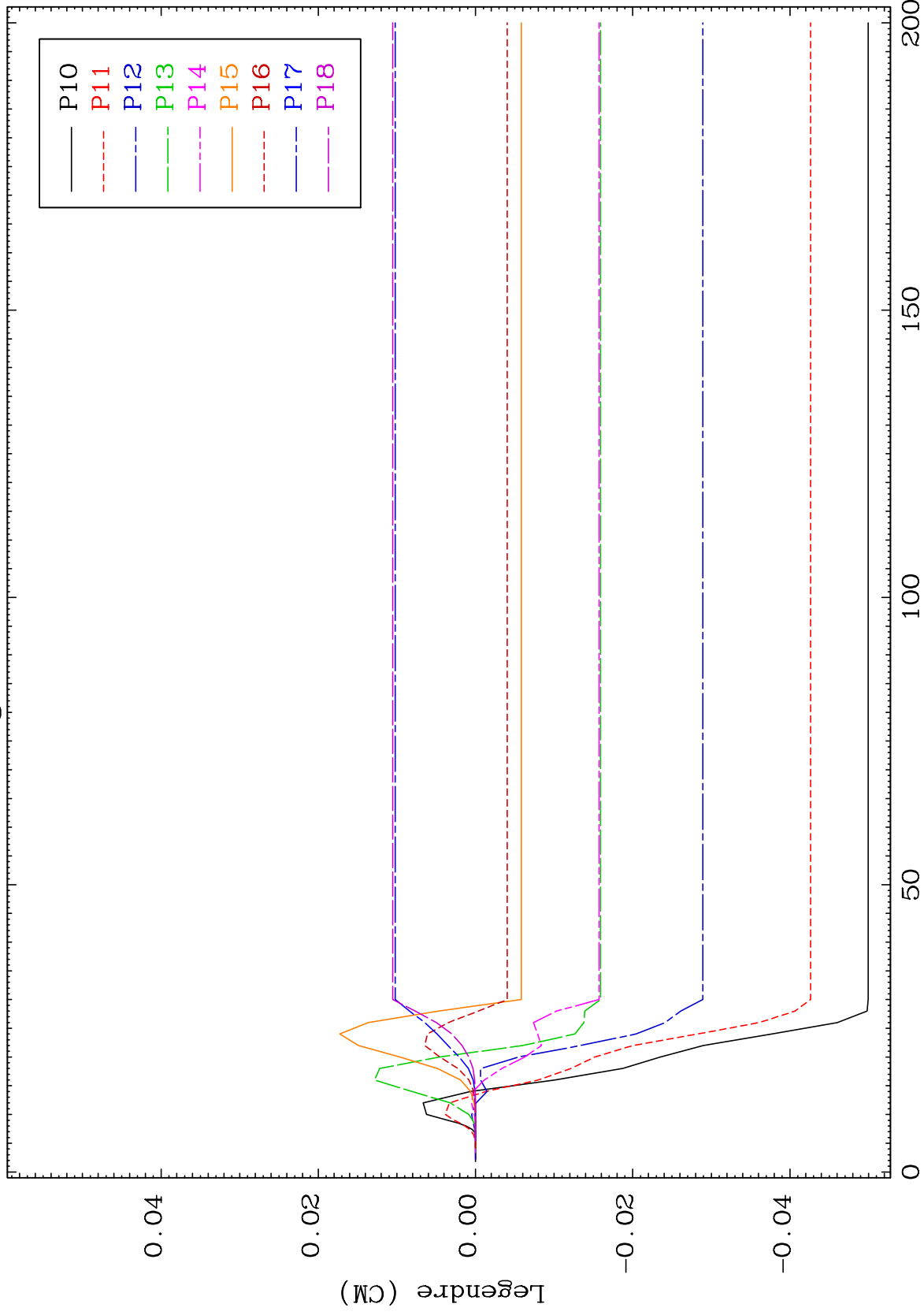




MAT 5119

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

51-Sb-119



49

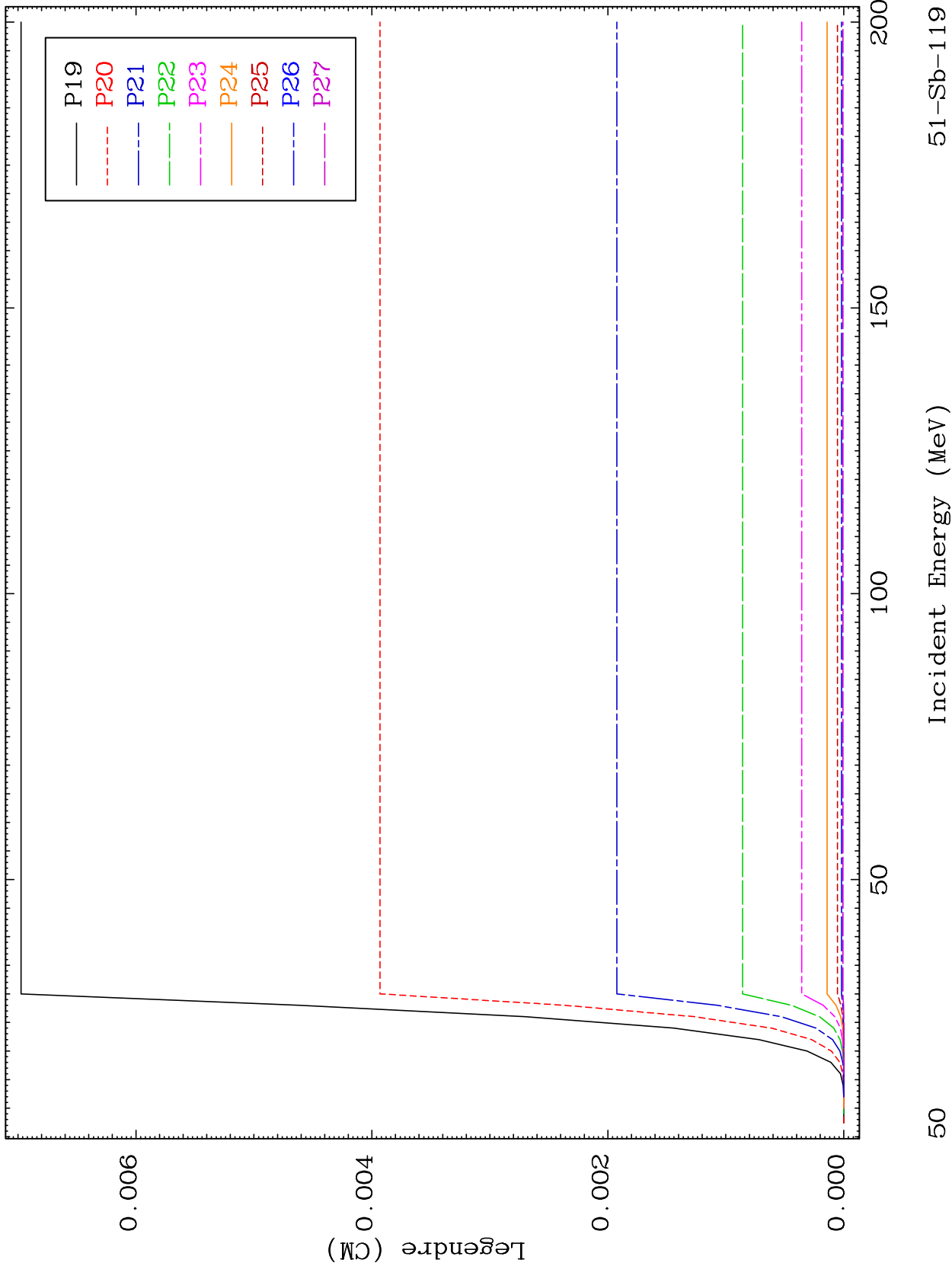
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



51-Sb-119

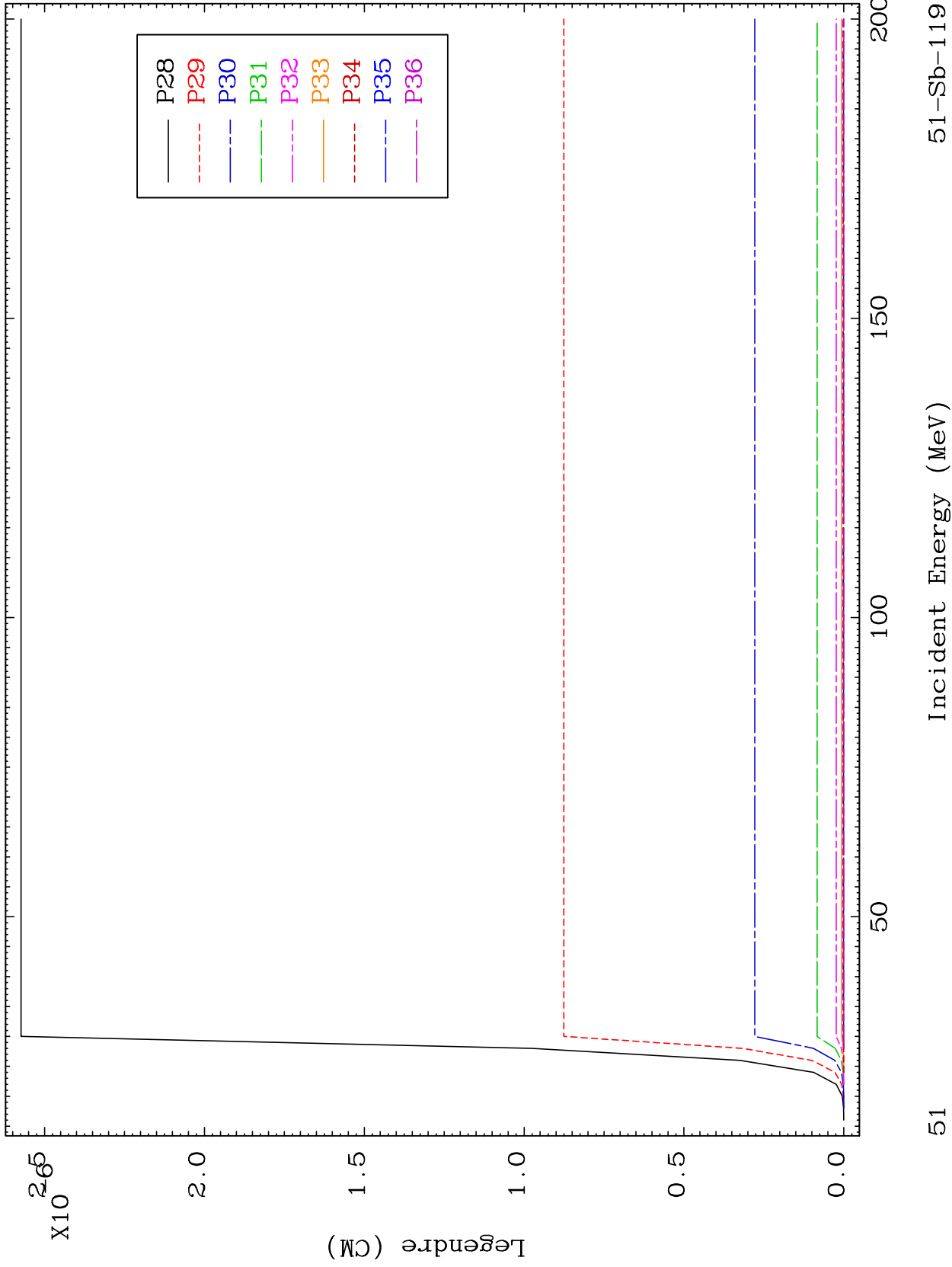
Incident Energy (MeV)

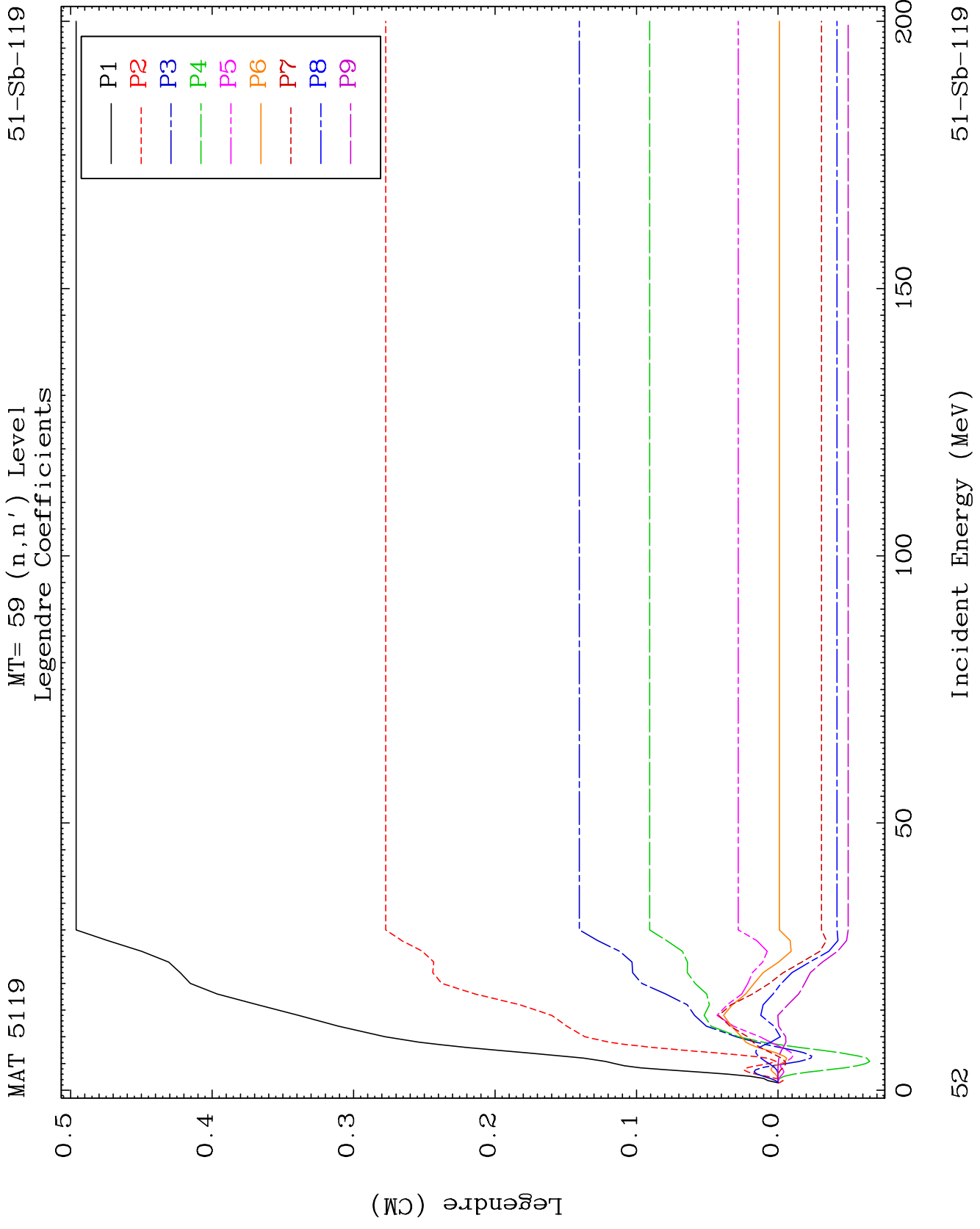
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MAT 5119

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

51-Sb-119

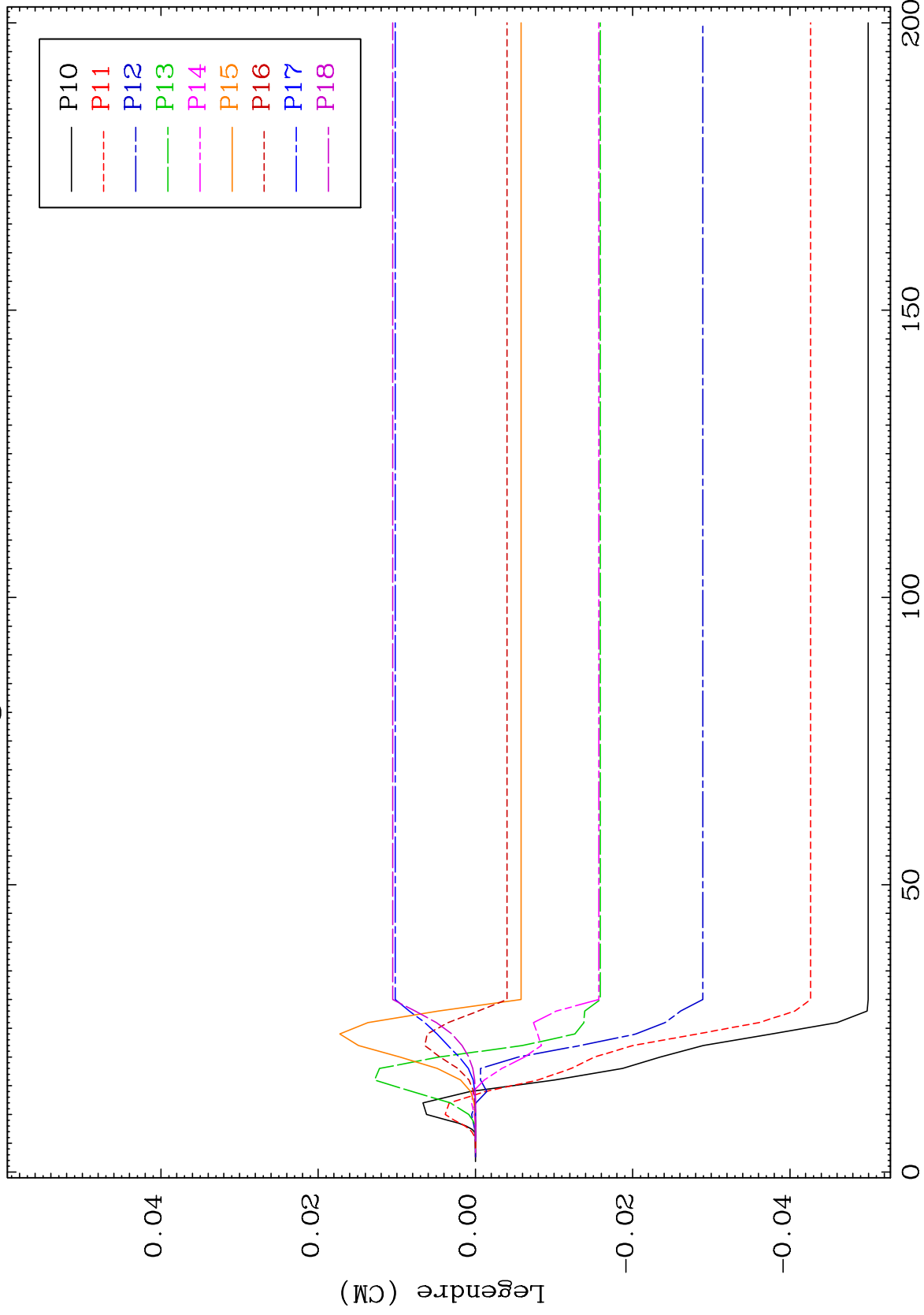




MAT 5119

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

51-Sb-119



53

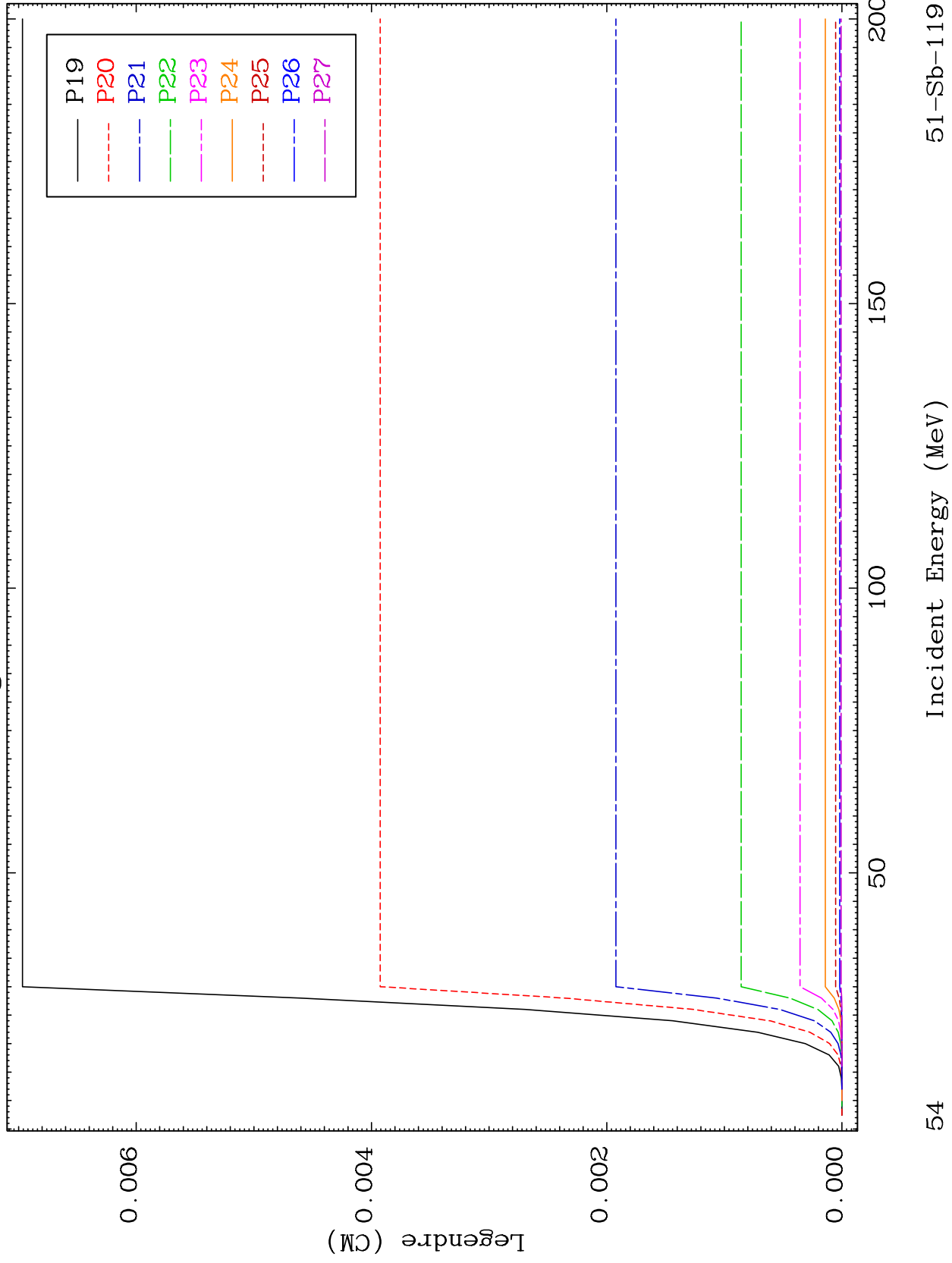
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



54

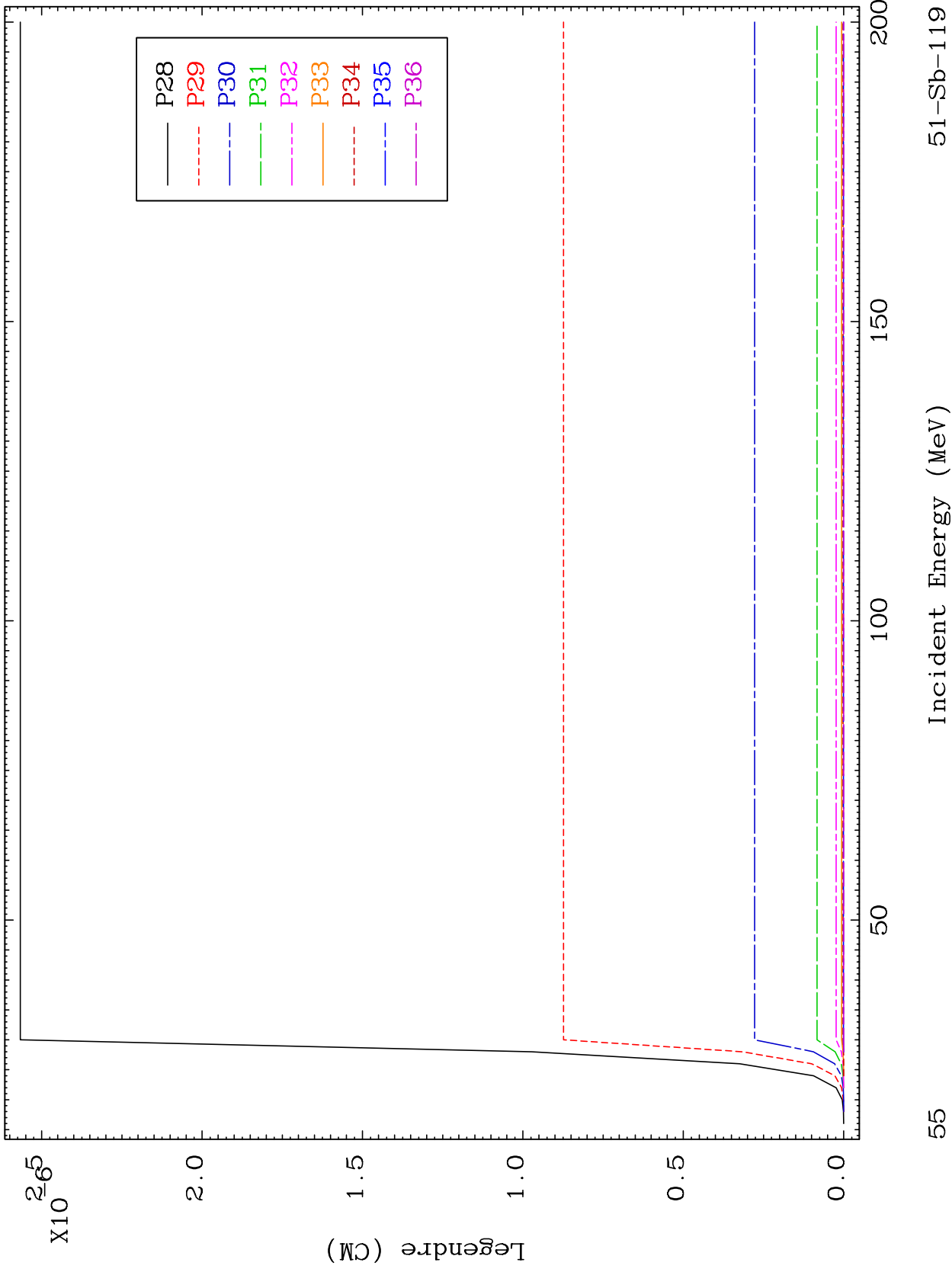
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119

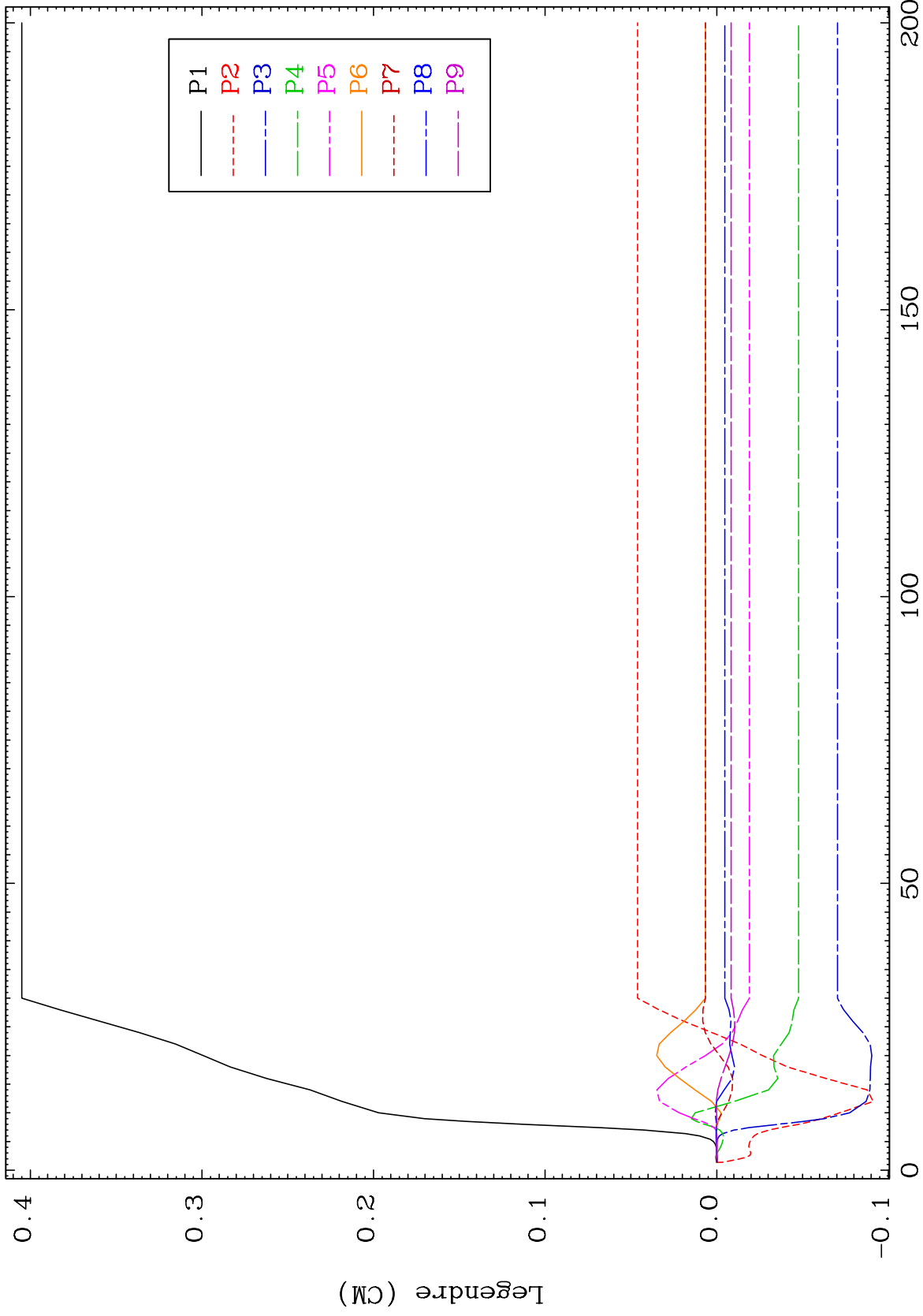




MAT 5119

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

51-Sb-119



56

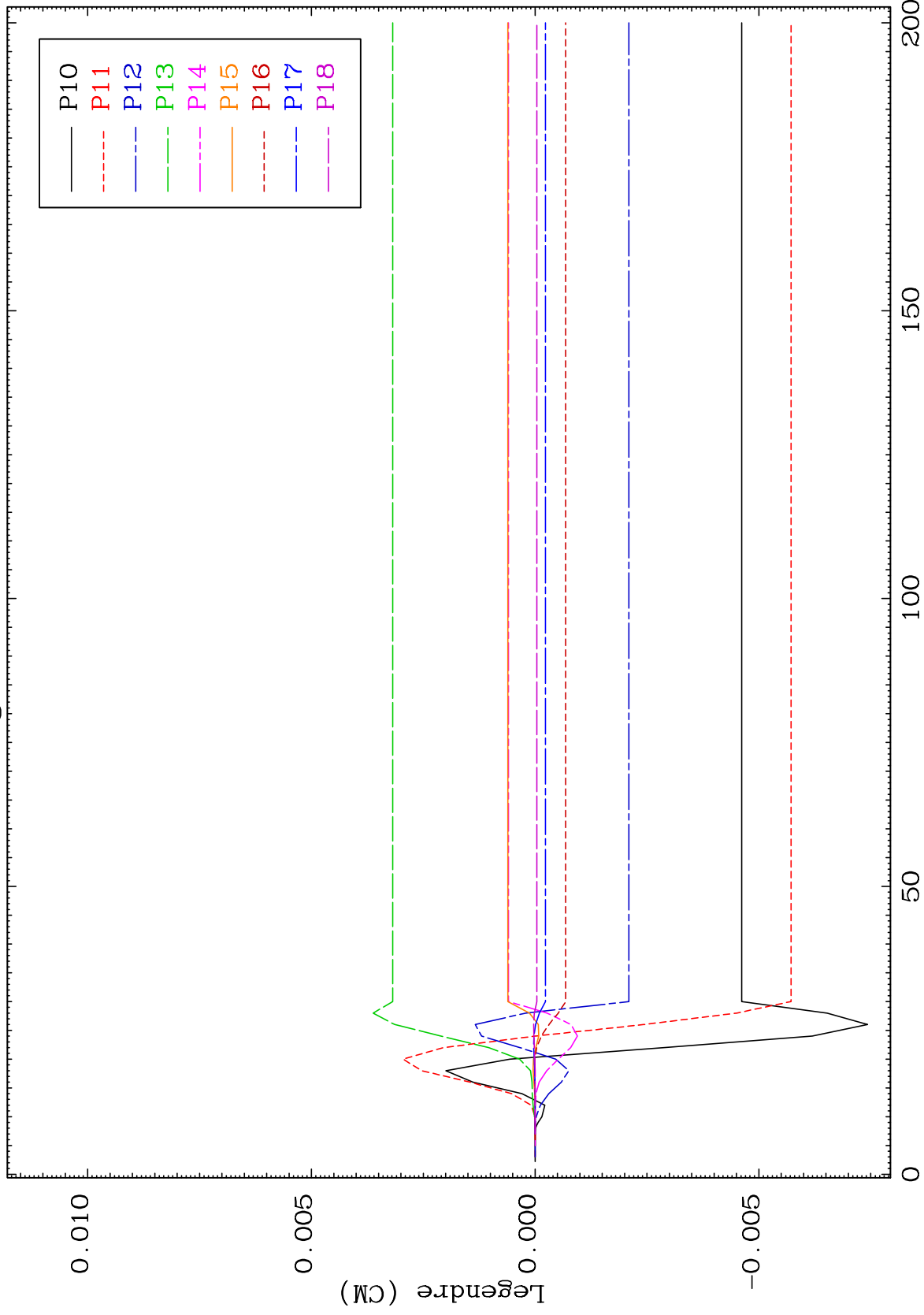
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



57

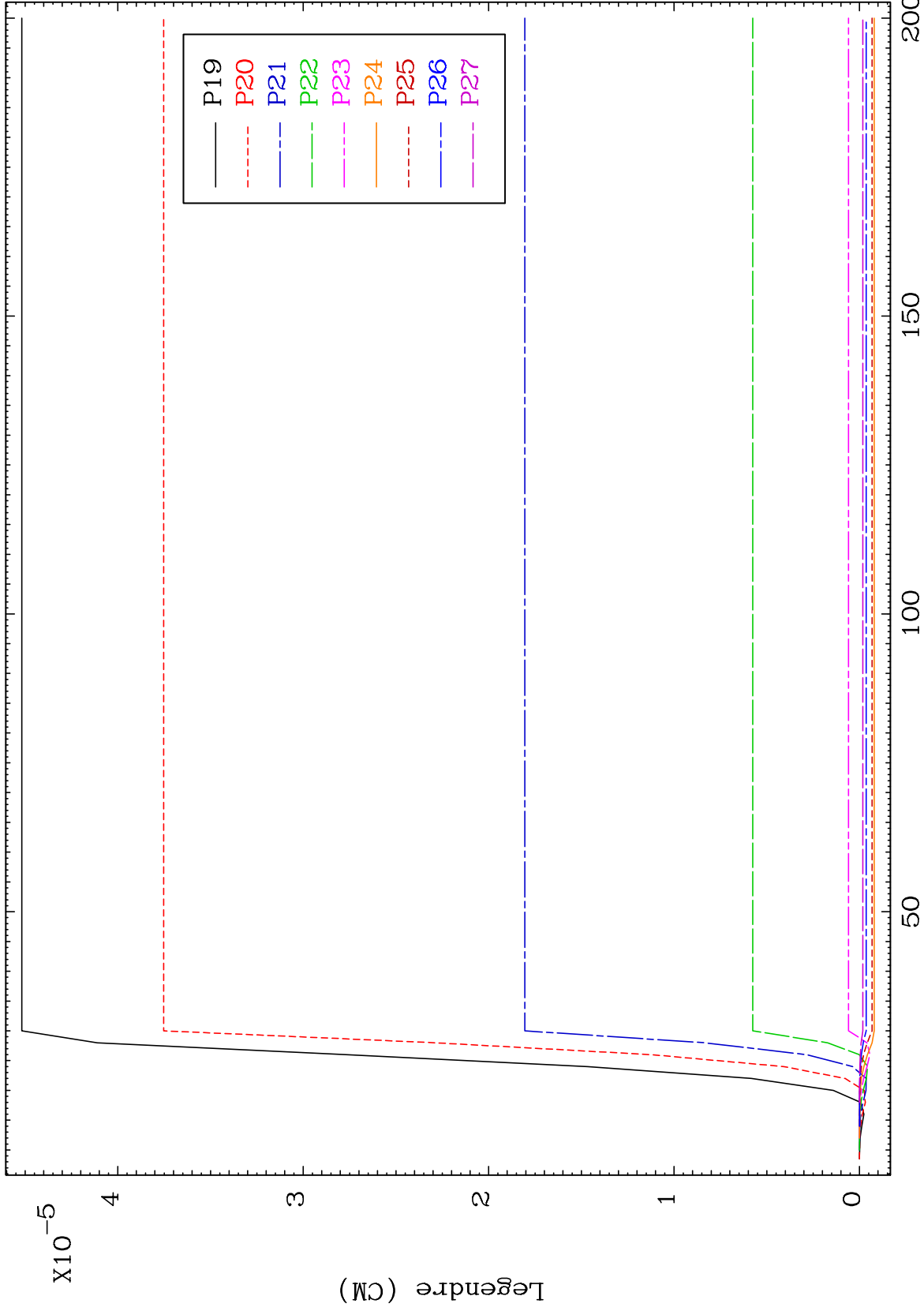
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

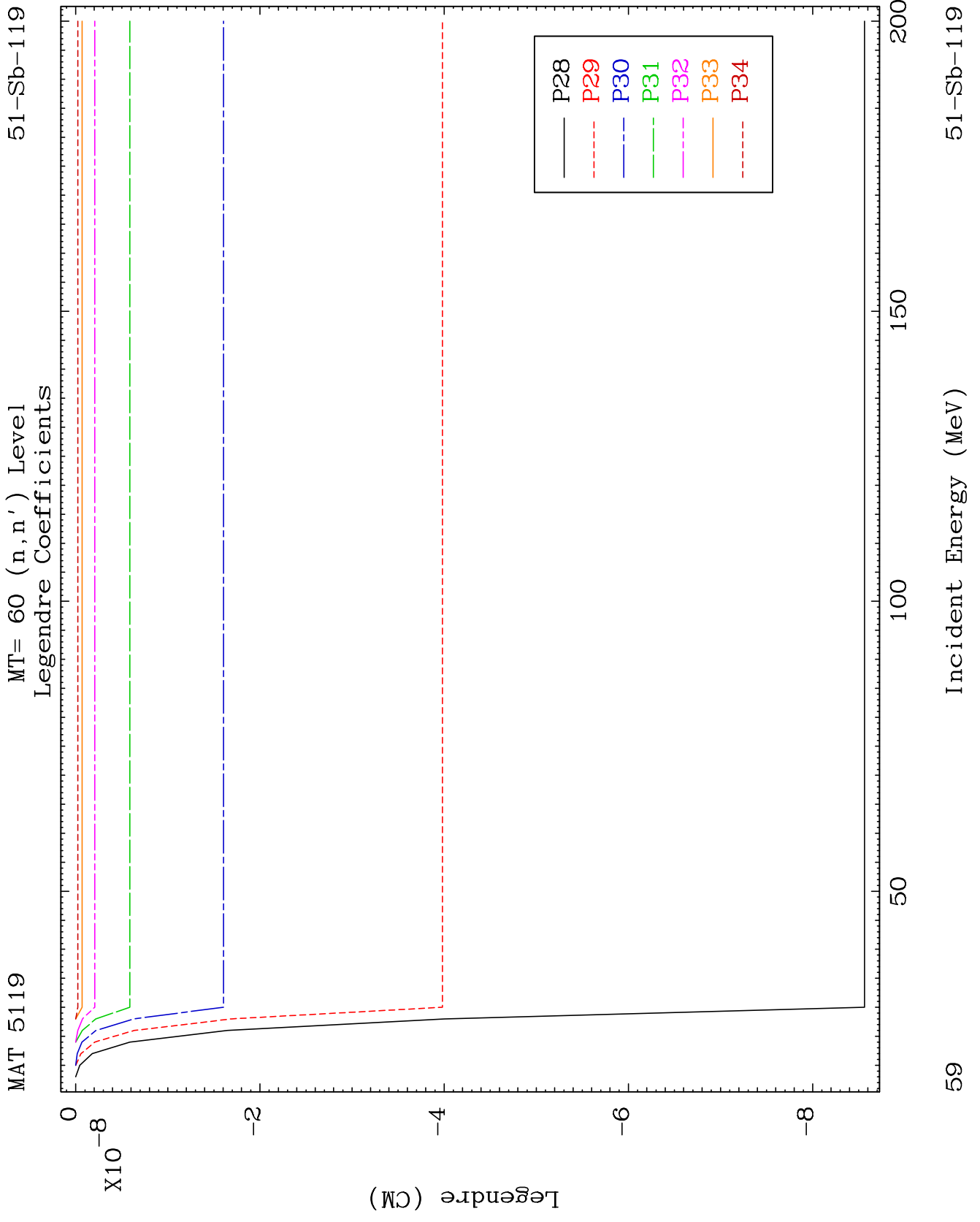
51-Sb-119



58

Incident Energy (MeV)

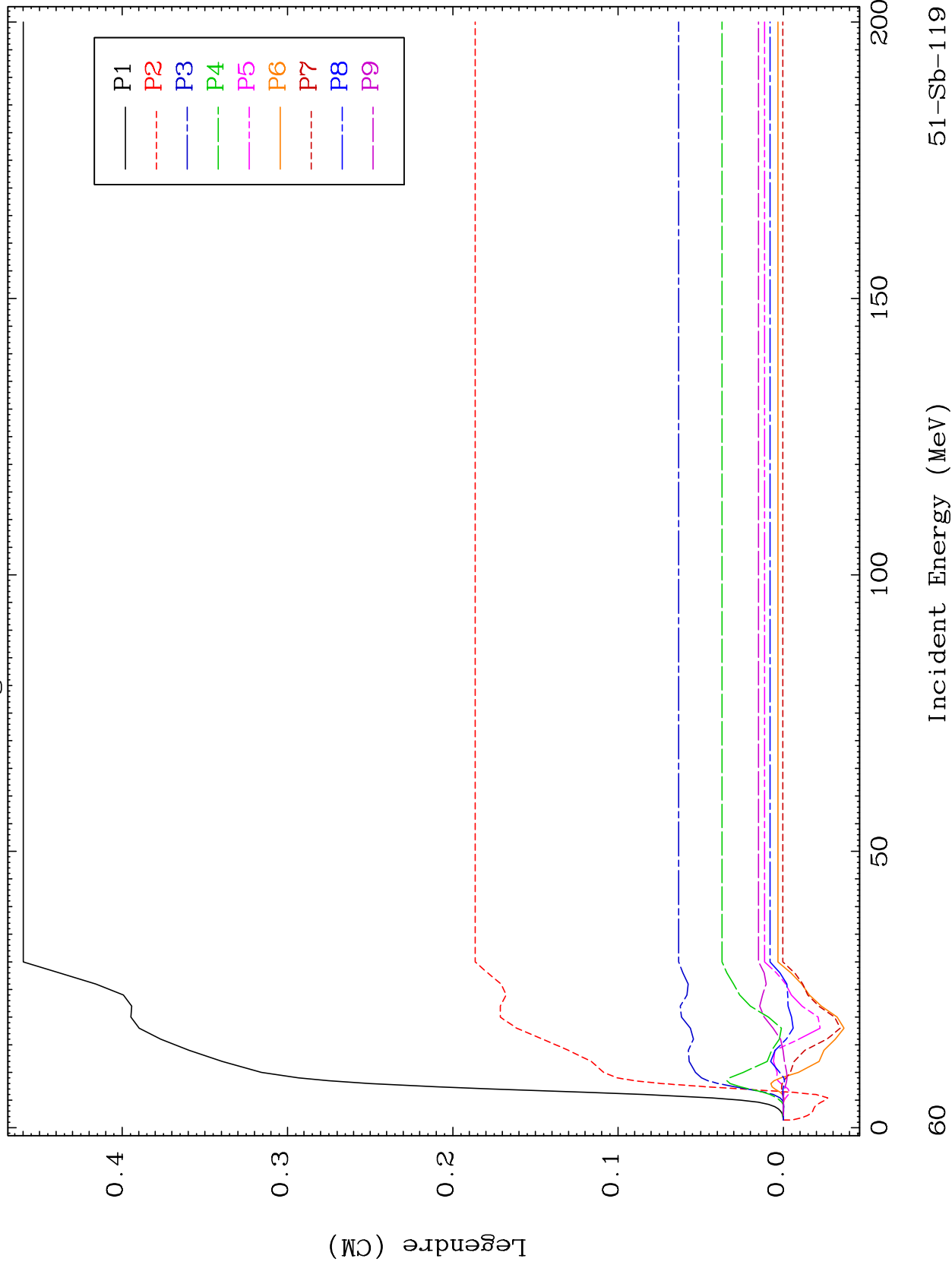
51-Sb-119



MAT 5119

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

51-Sb-119



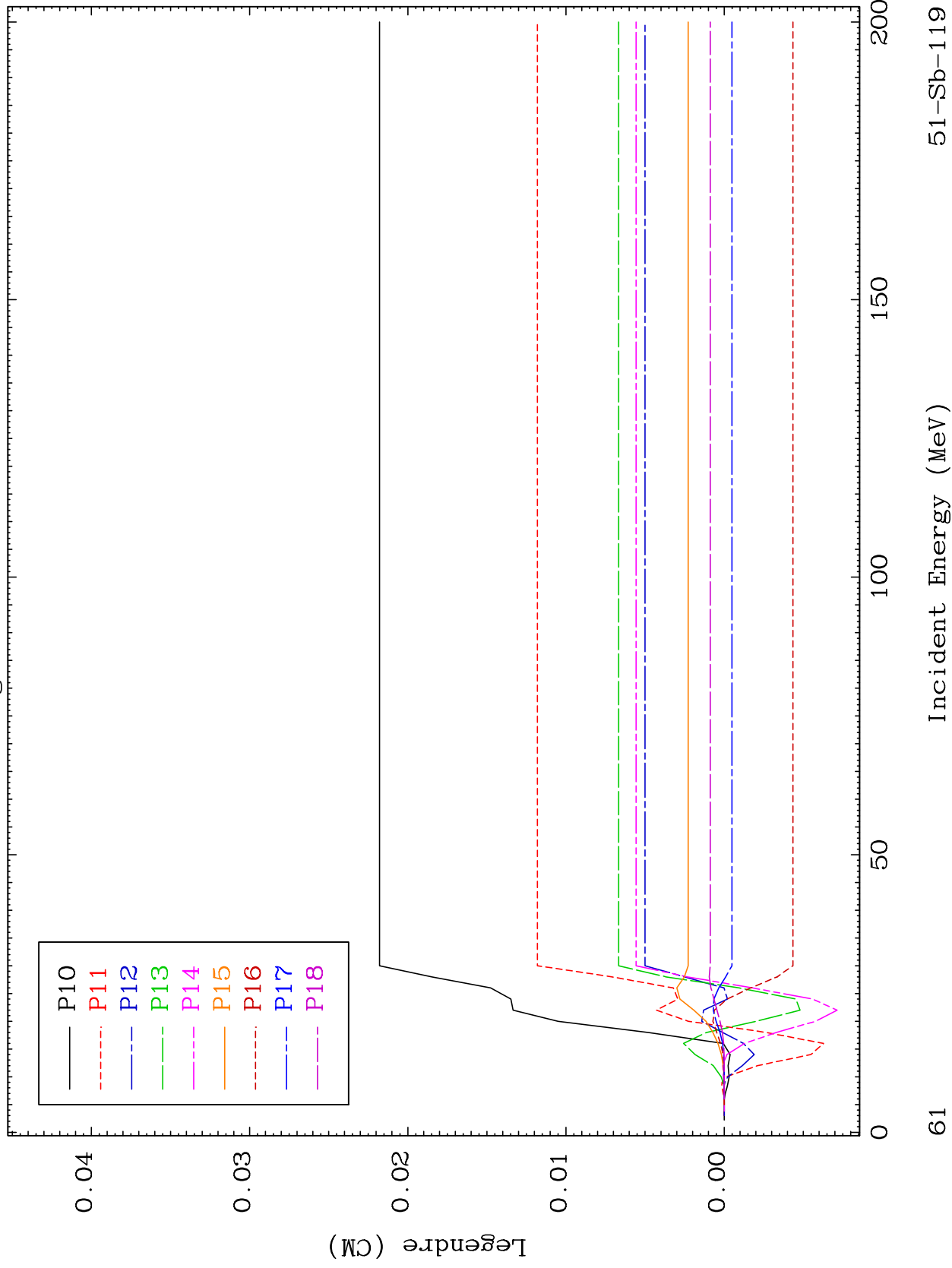
51-Sb-119

Incident Energy (MeV)

MAT 5119

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

51-Sb-119



61

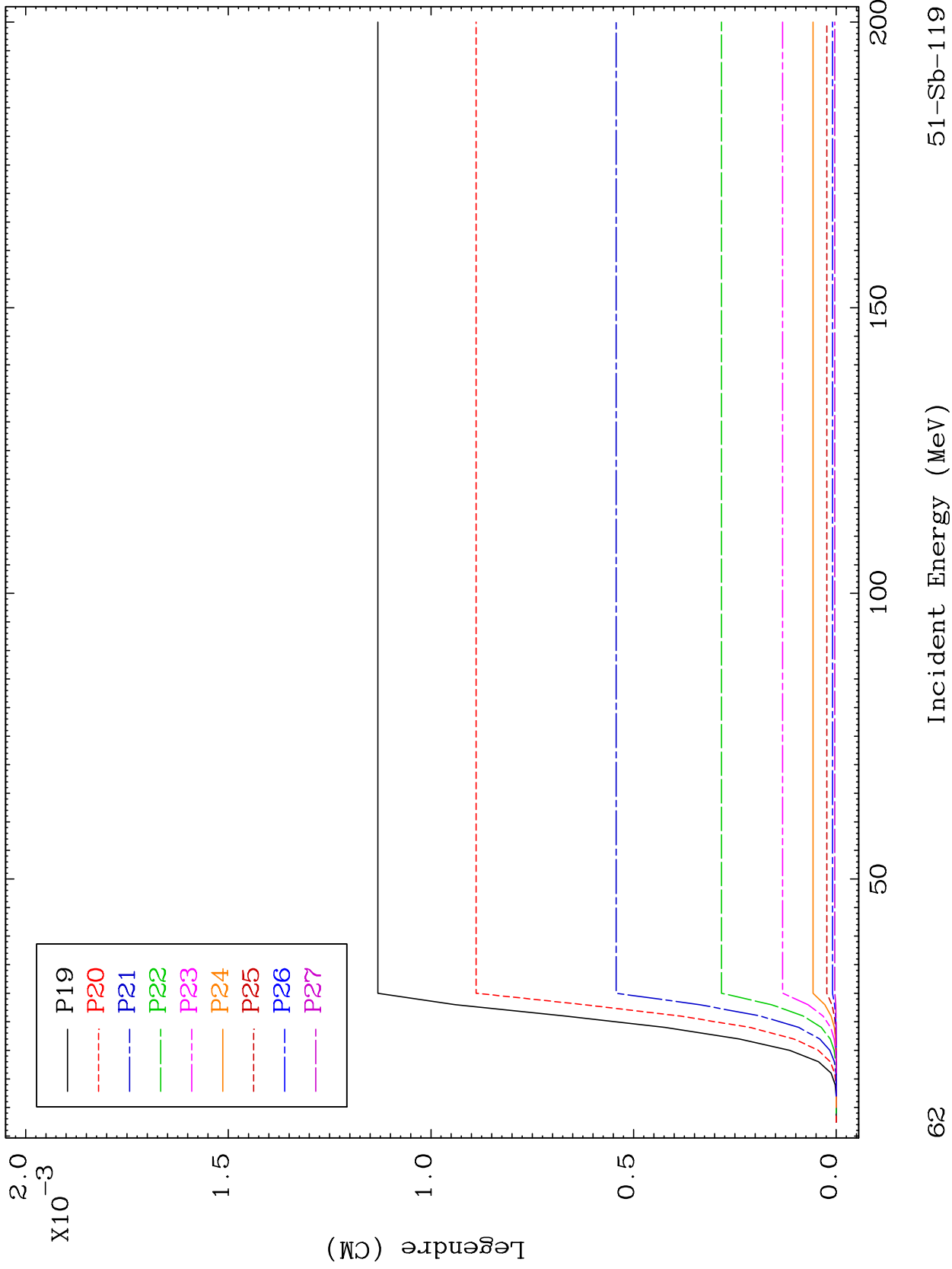
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

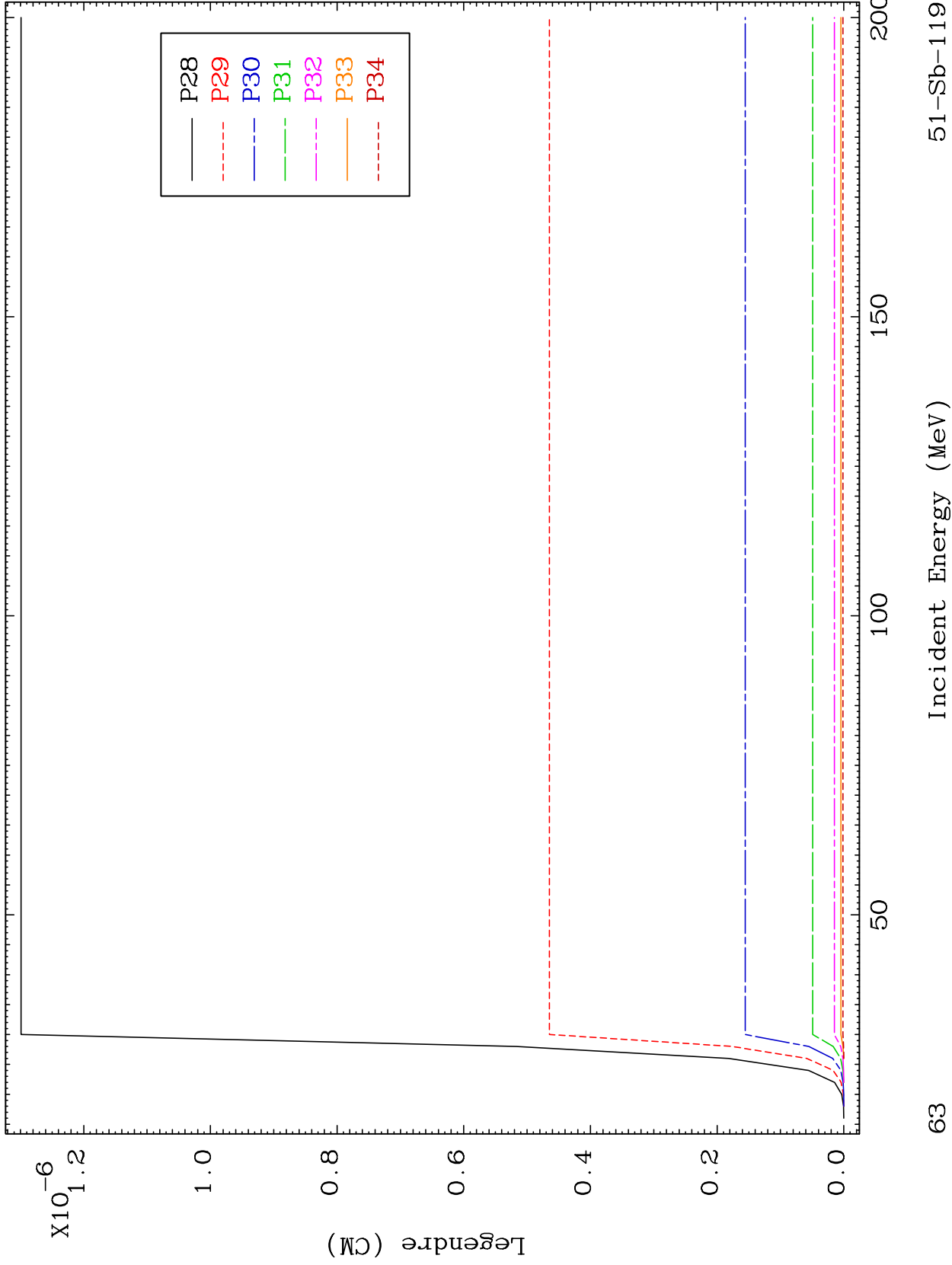
51-Sb-119



MAT 5119

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

51-Sb-119

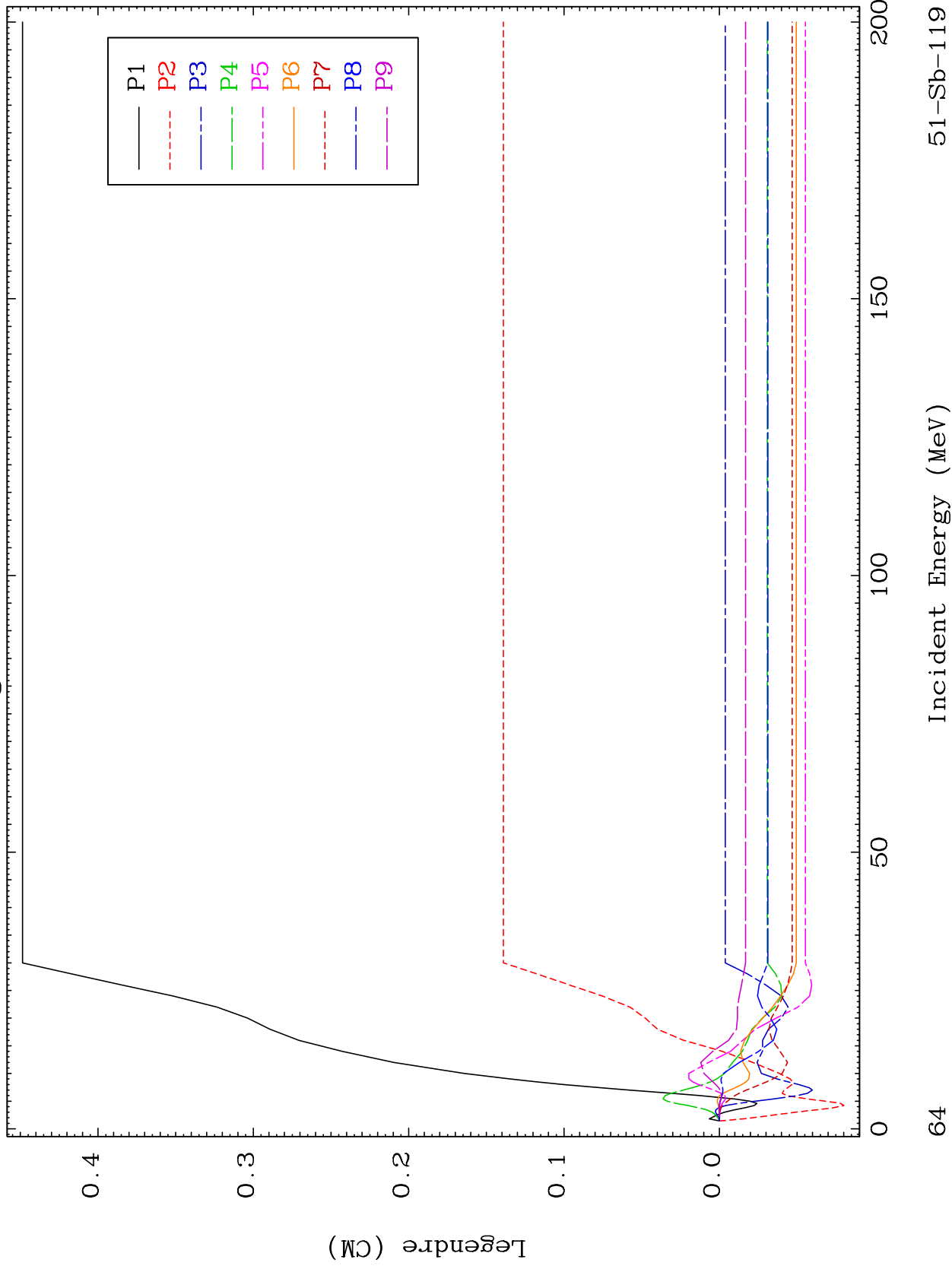




MAT 5119

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

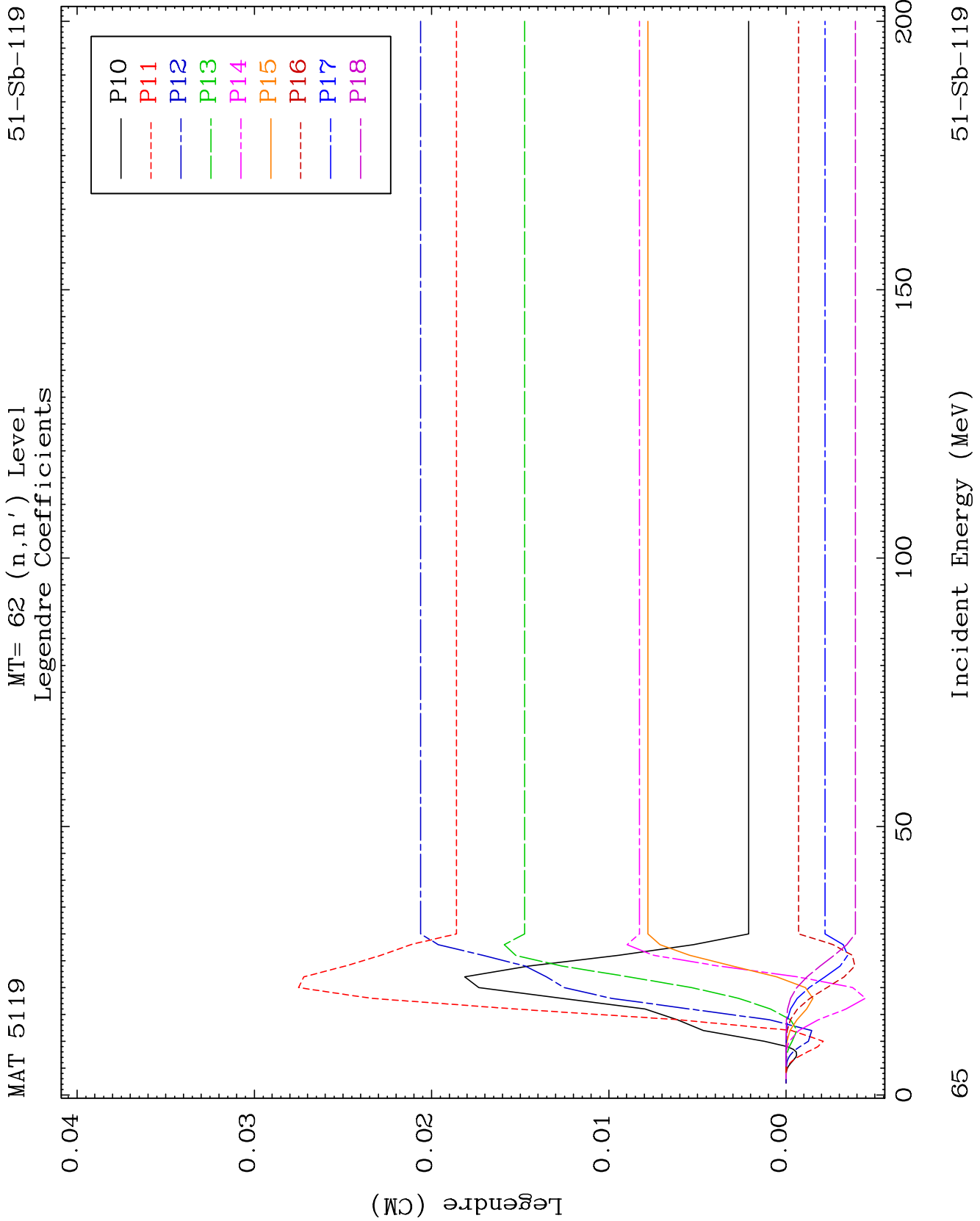
51-Sb-119

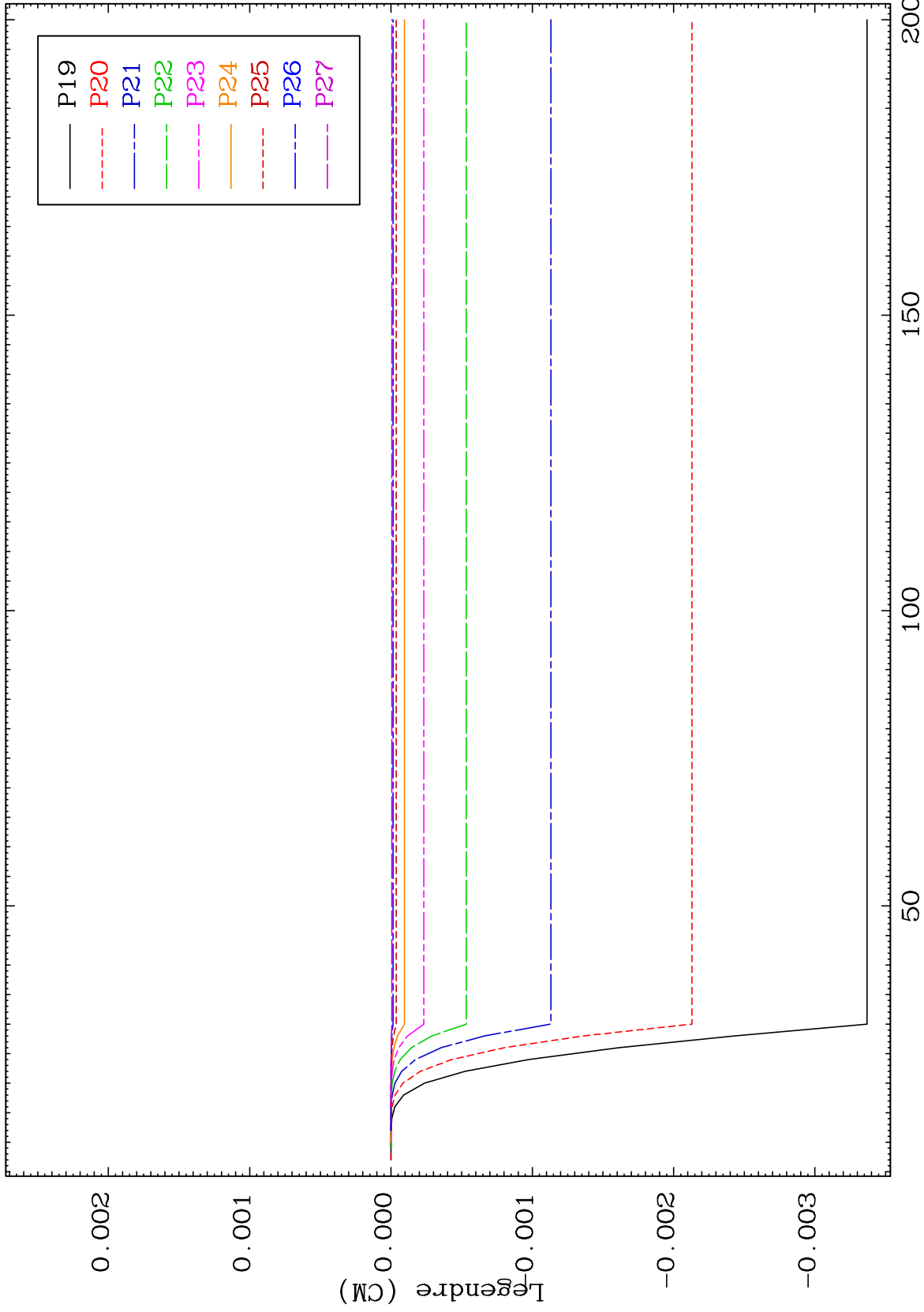


51-Sb-119

Incident Energy (MeV)

64

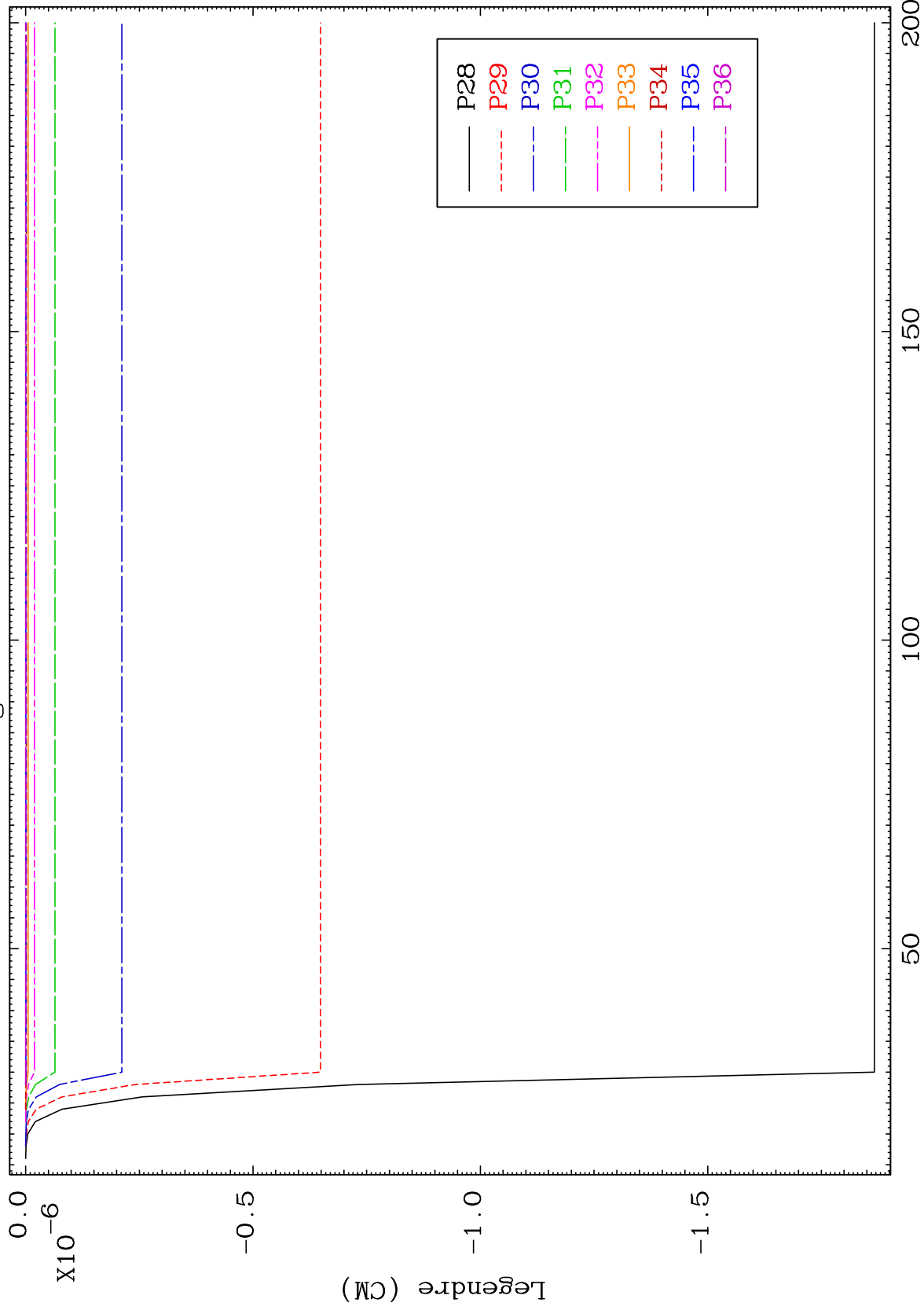




MAT 5119

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

51-Sb-119



67

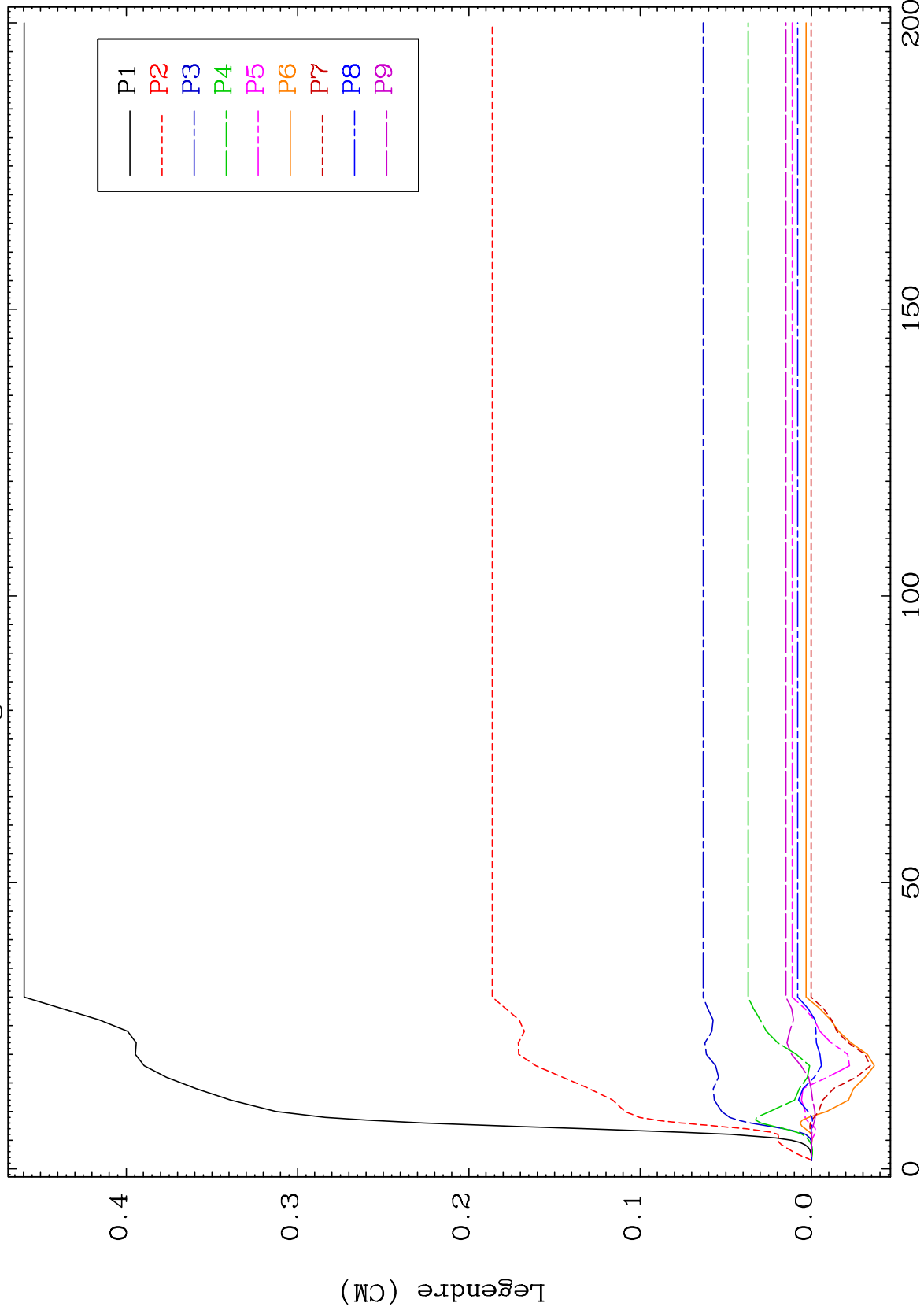
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



68

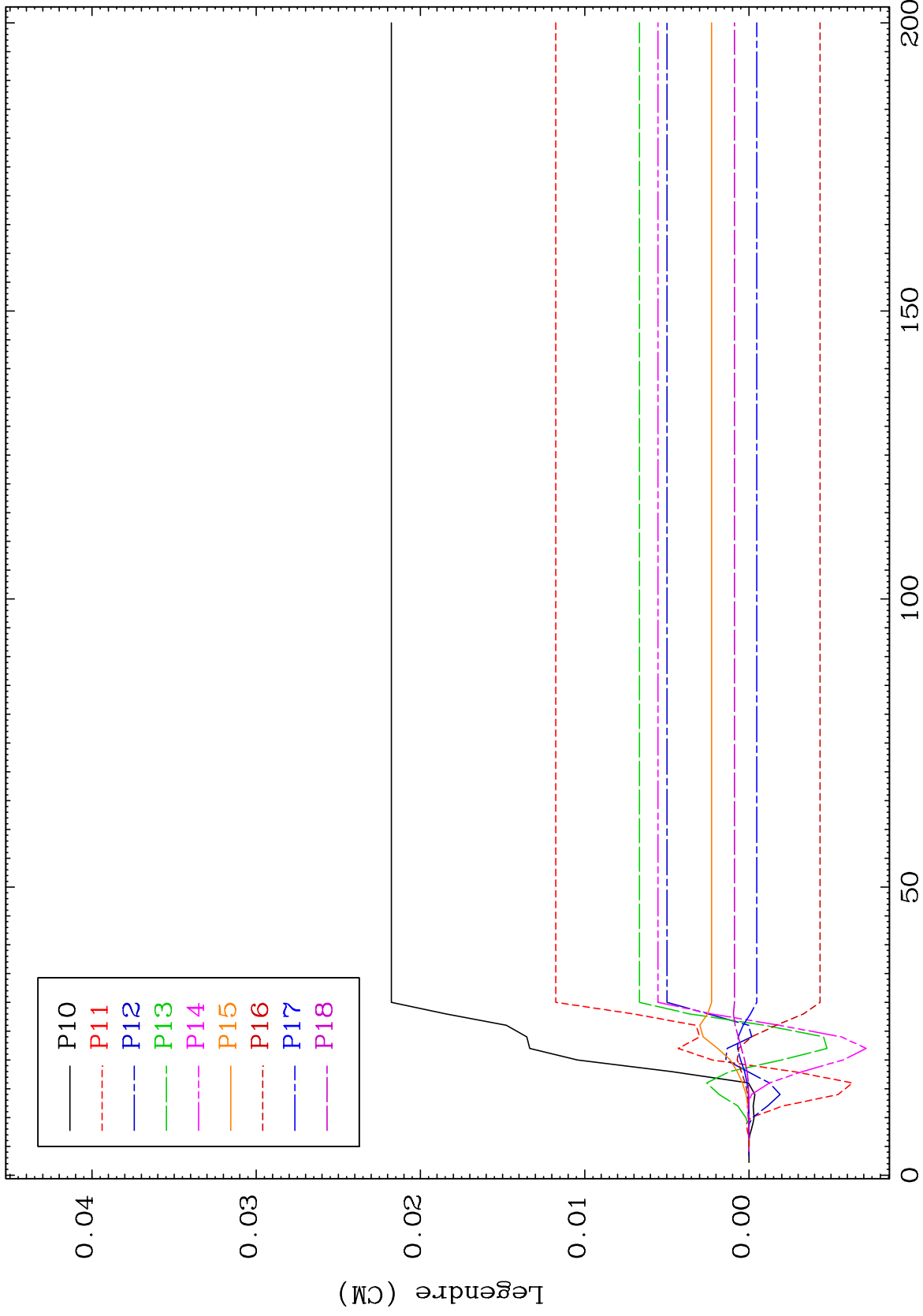
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



69

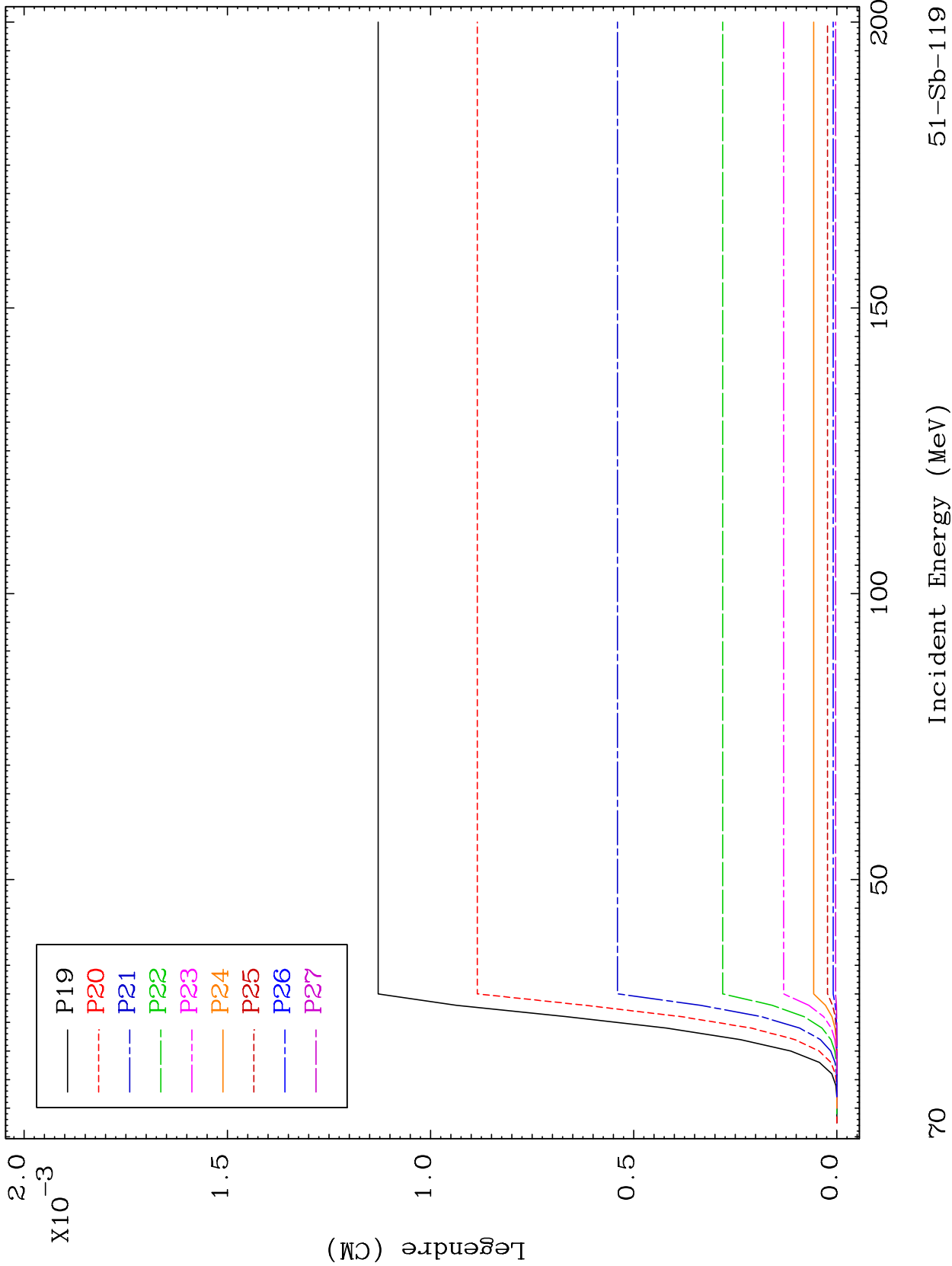
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



70

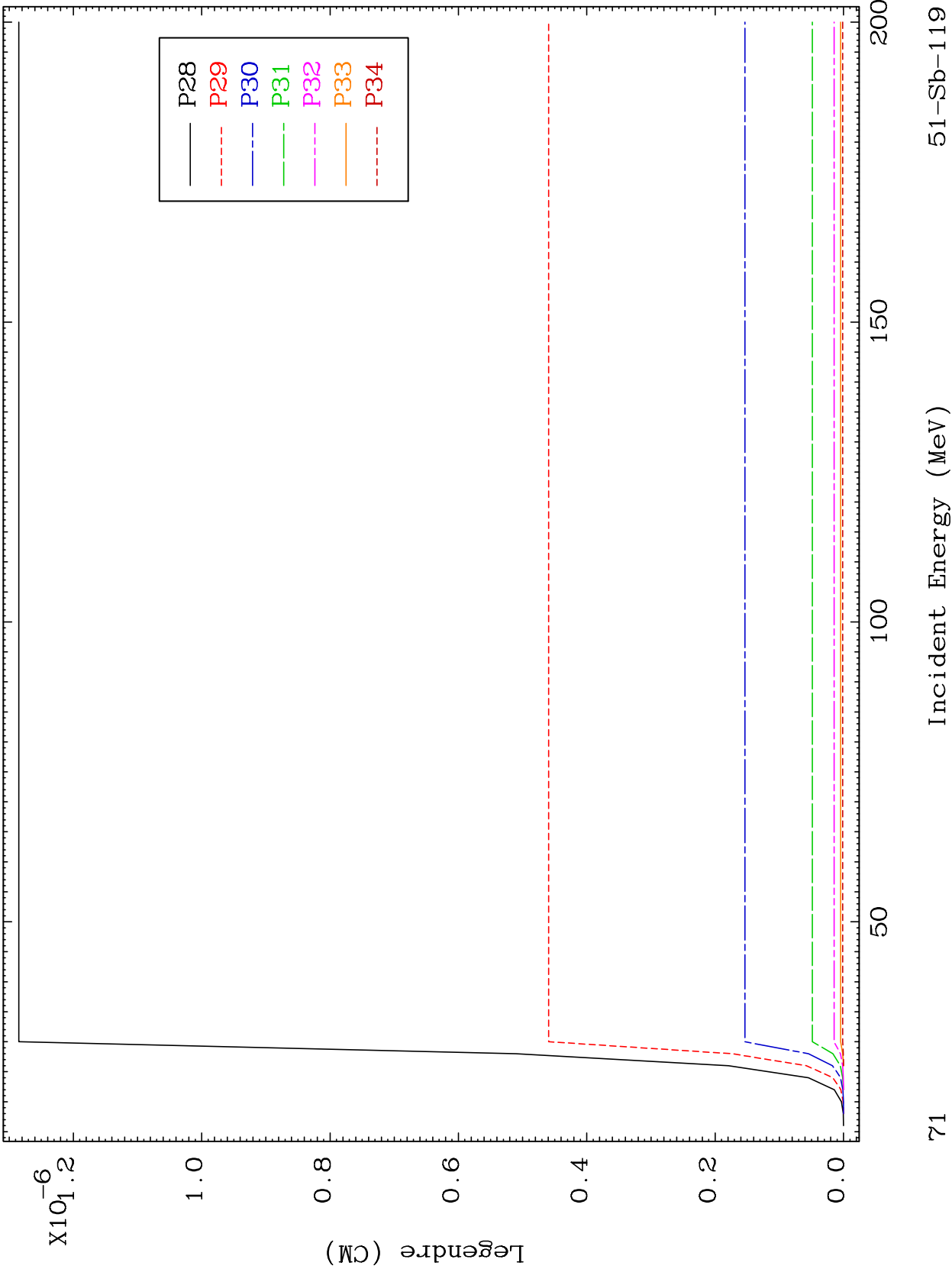
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



71

Incident Energy (MeV)

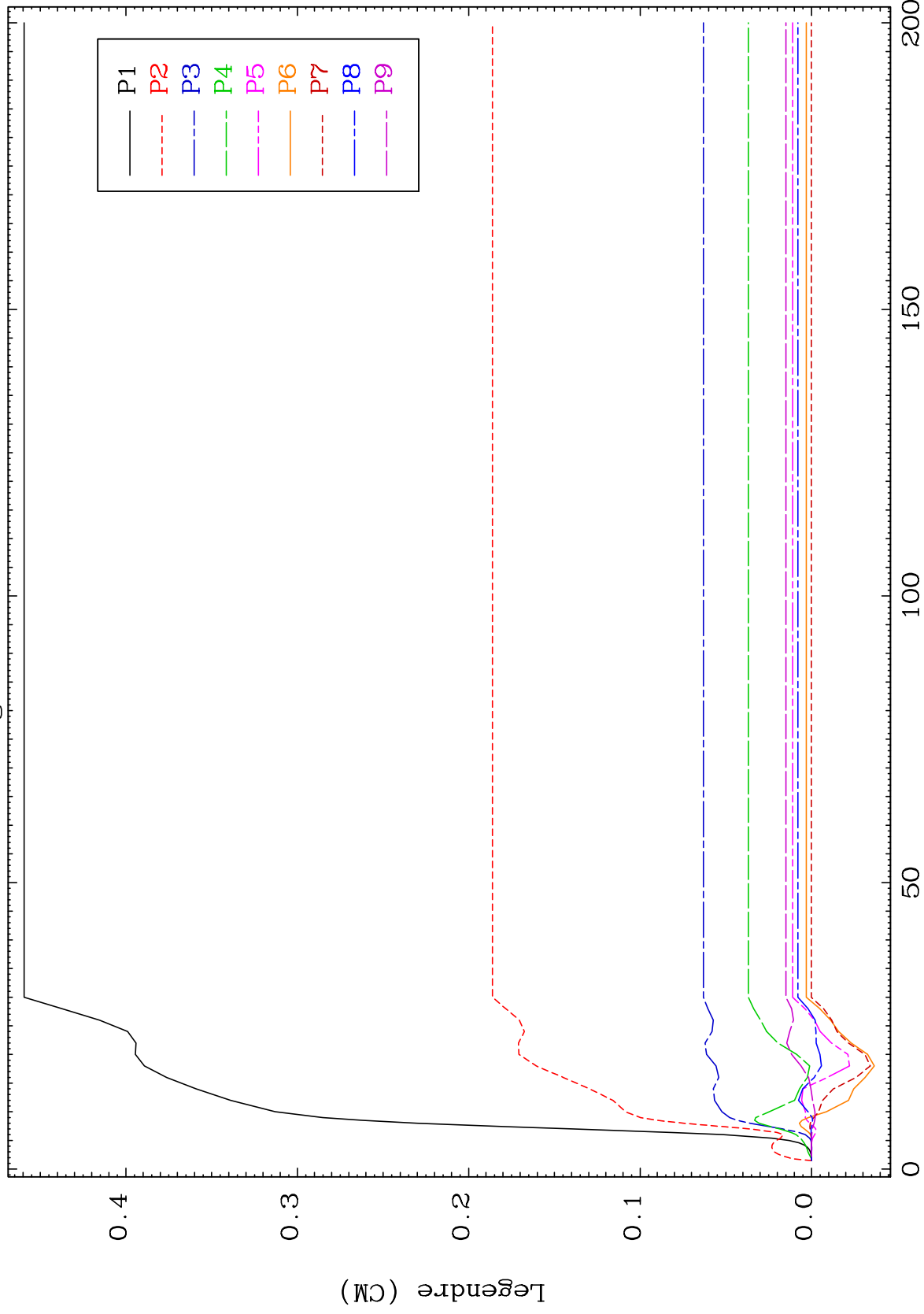
51-Sb-119



MAT 5119

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

51-Sb-119



72

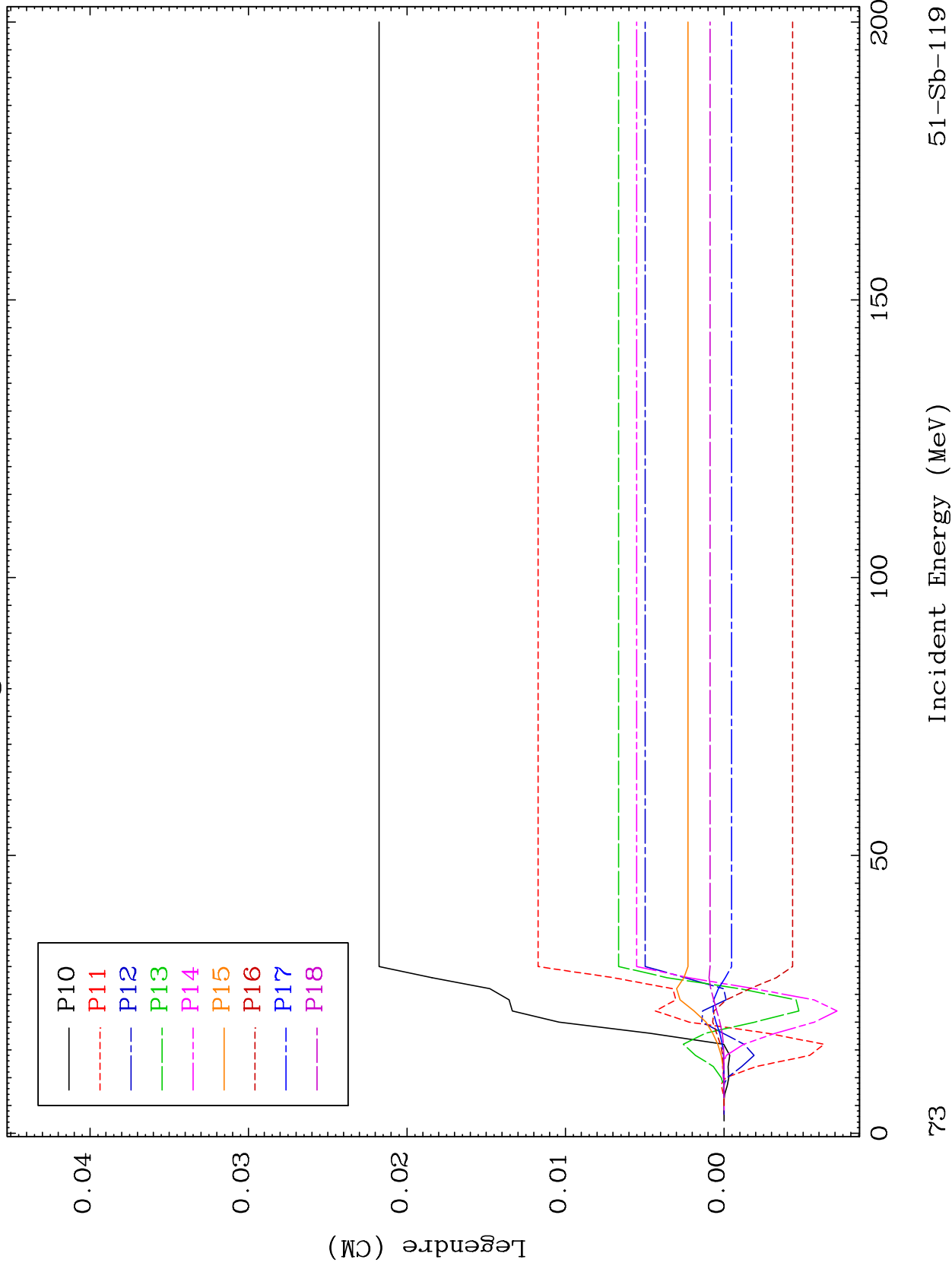
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

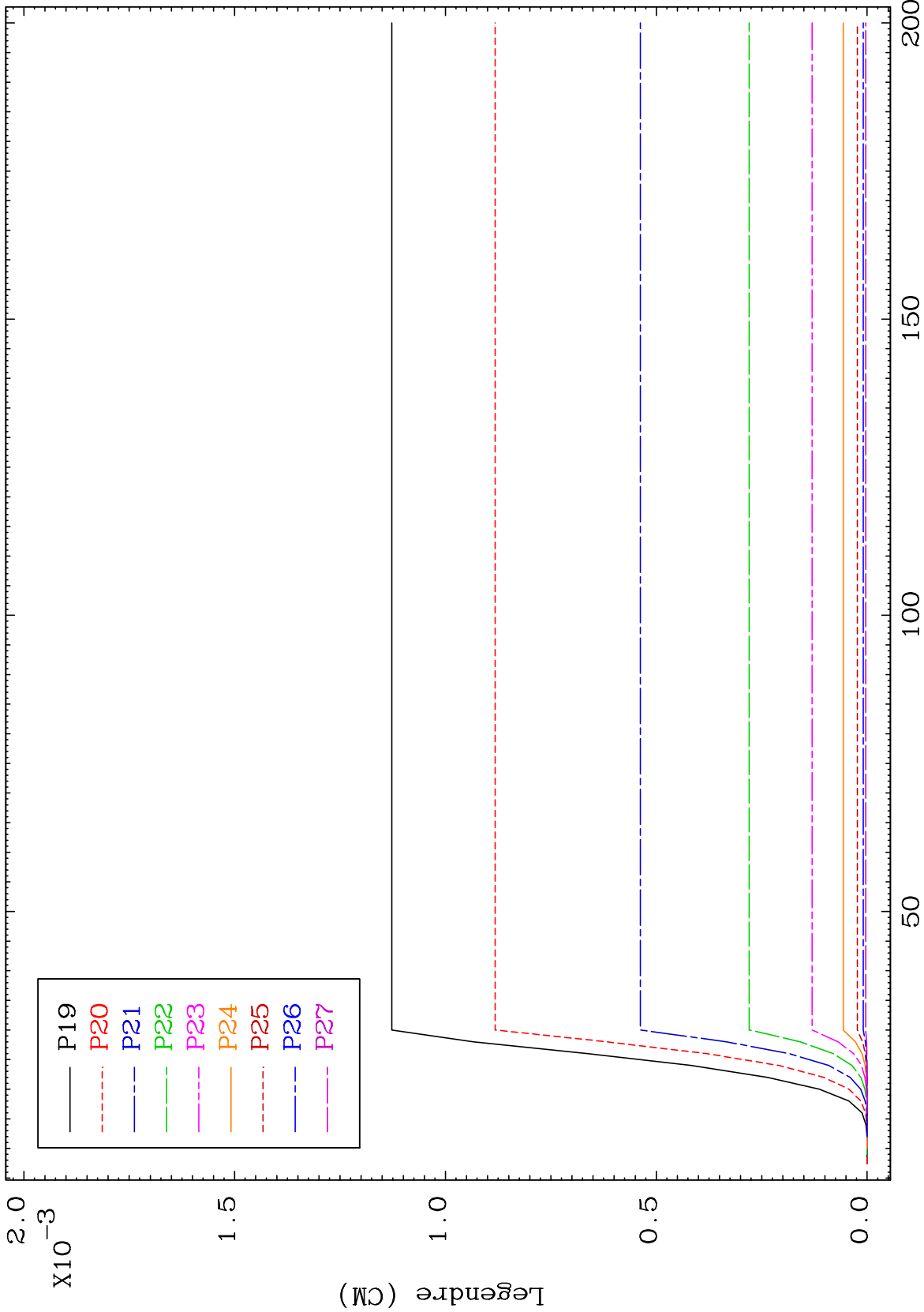
51-Sb-119



51-Sb-119

Incident Energy (MeV)

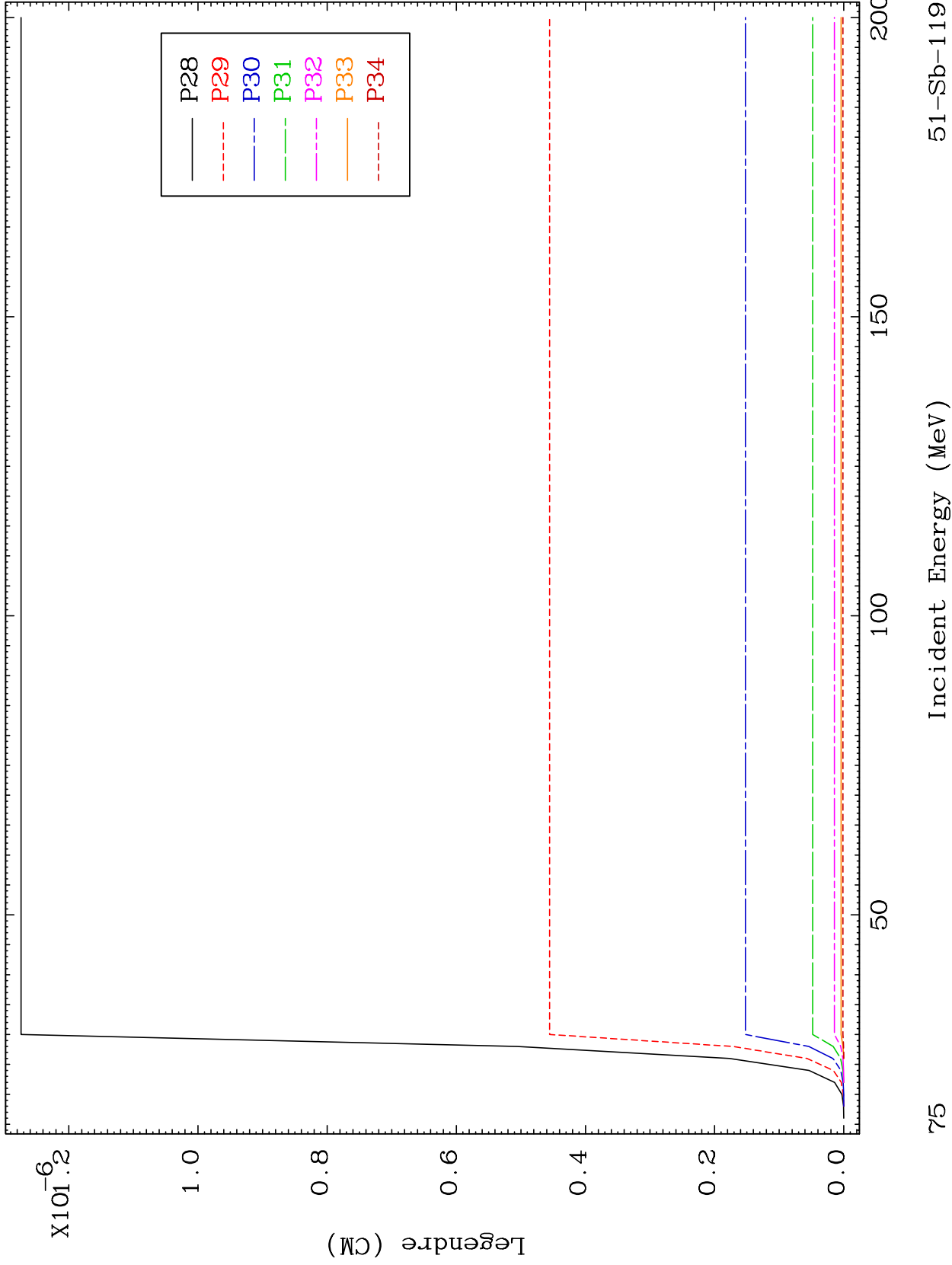
73



MAT 5119

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

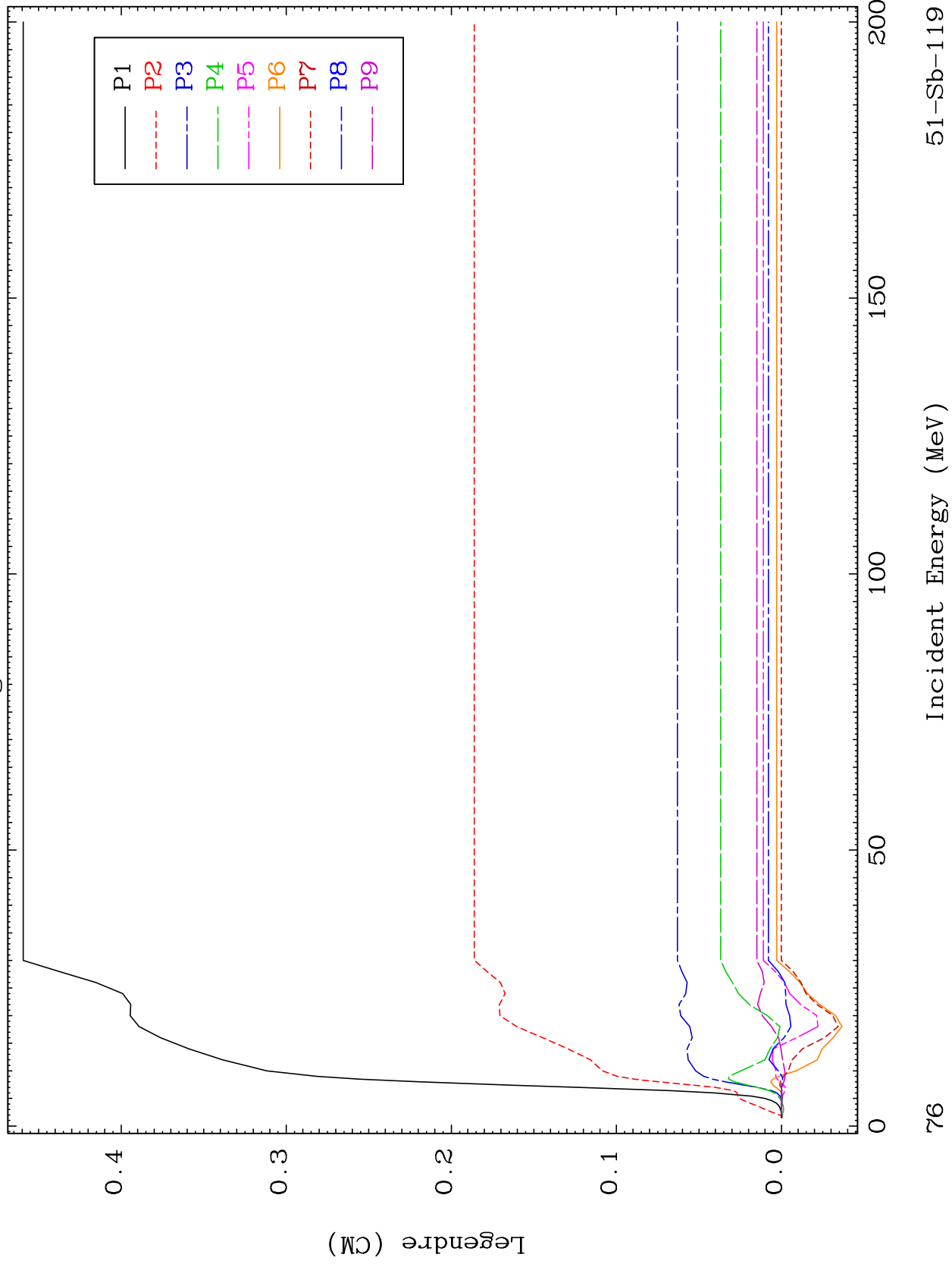
51-Sb-119



MAT 5119

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

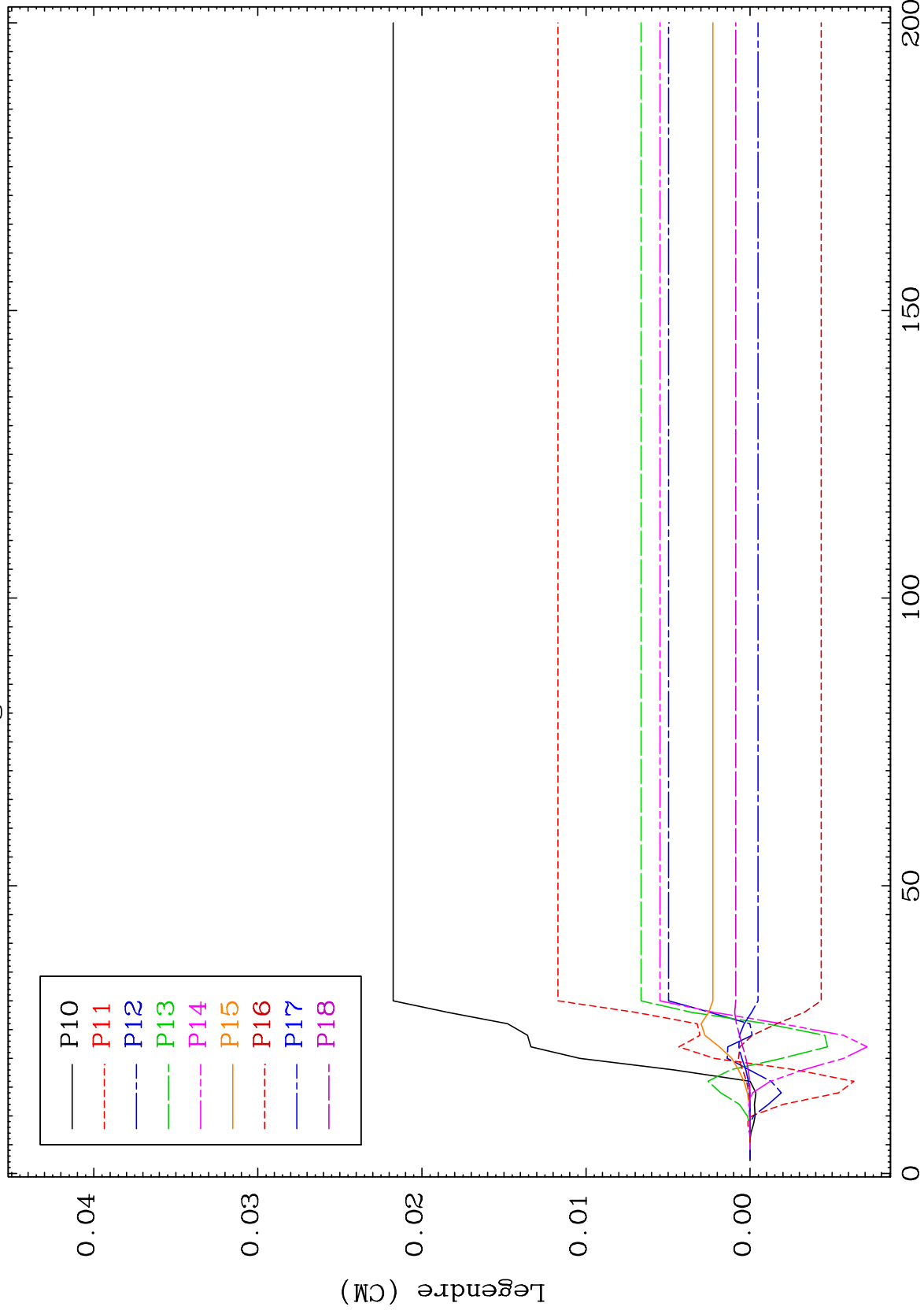
51-Sb-119



51-Sb-119

Incident Energy (MeV)

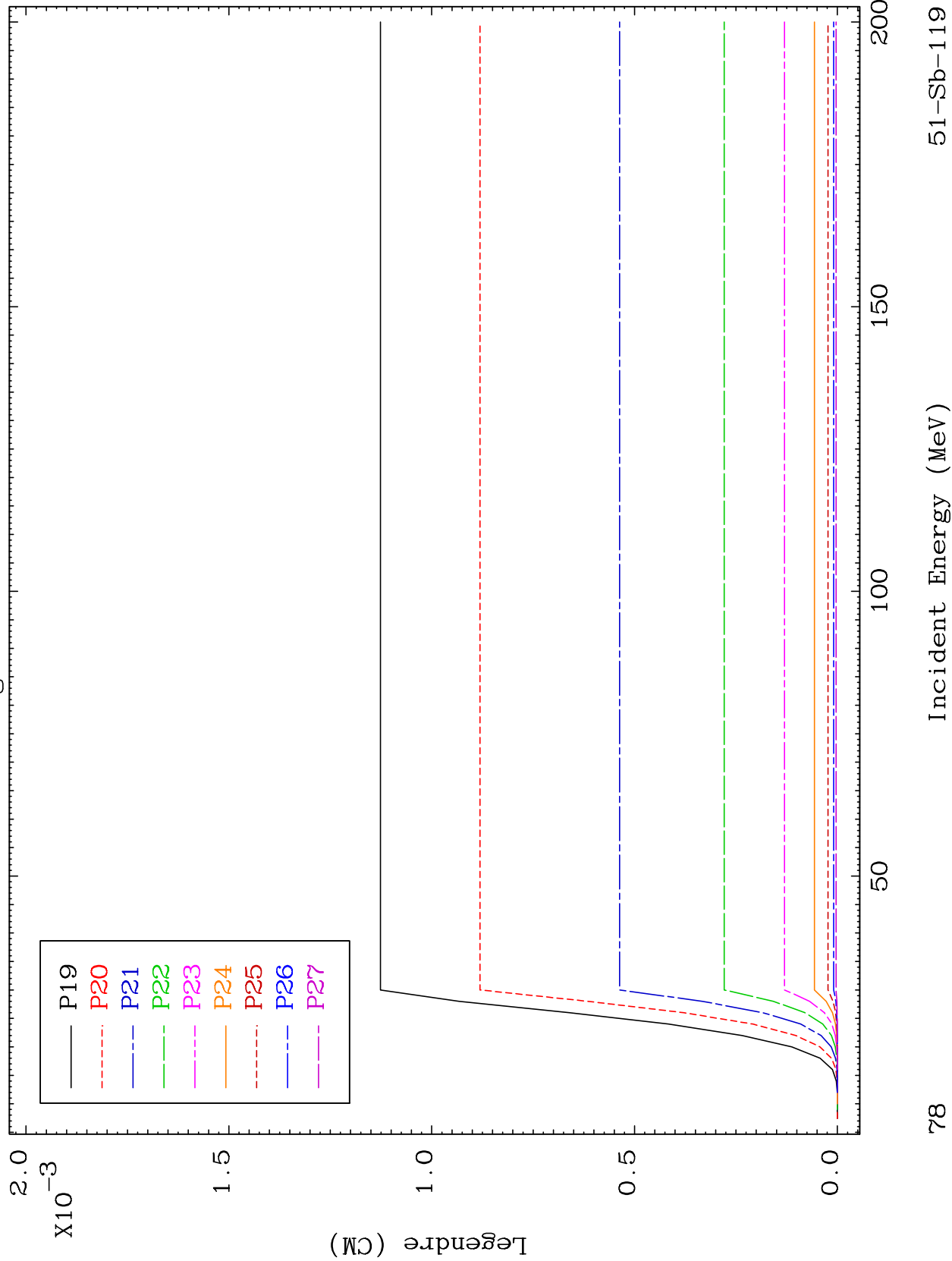
76



MAT 5119

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

51-Sb-119



78

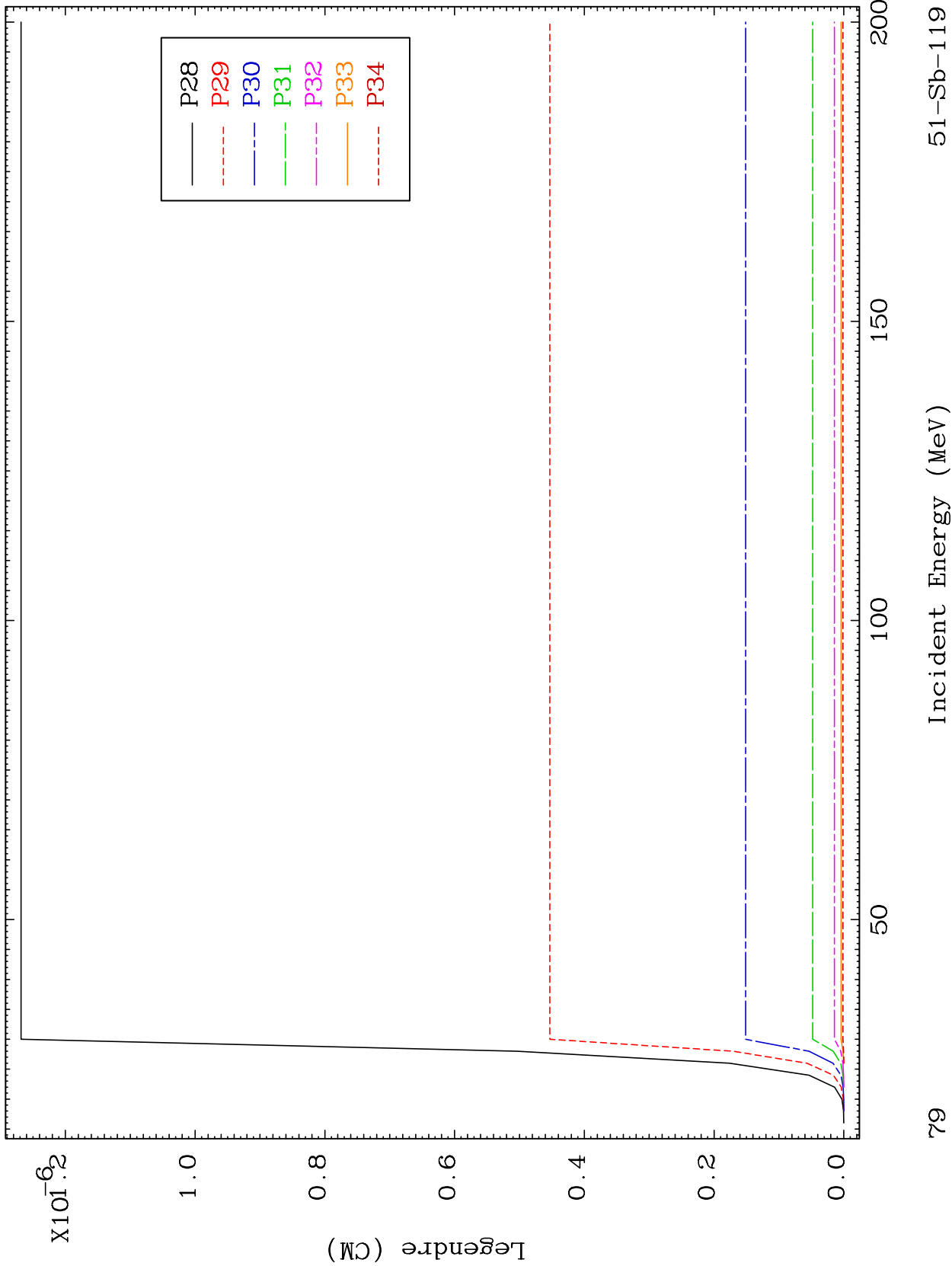
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



79

Incident Energy (MeV)

51-Sb-119

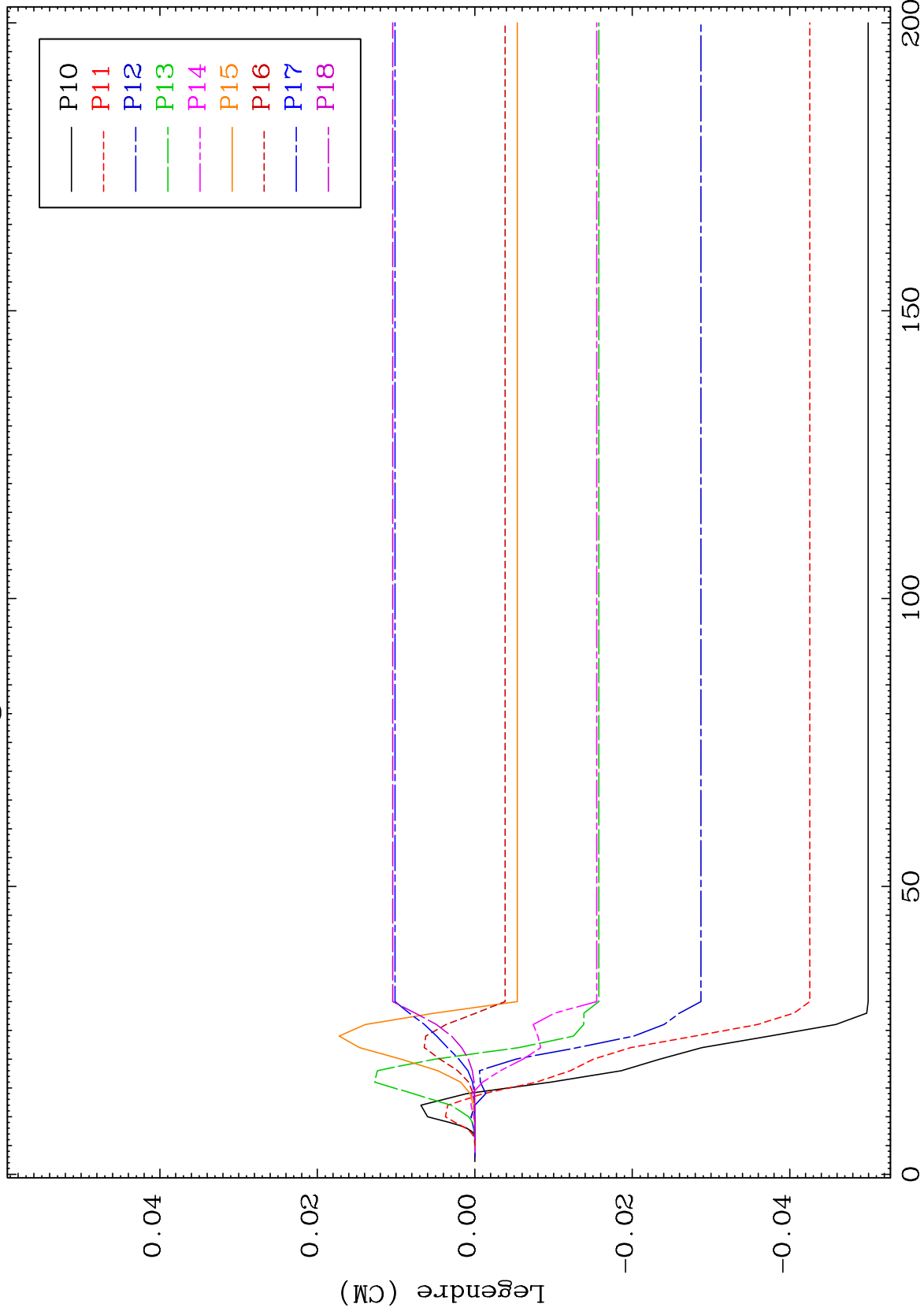




MAT 5119

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

51-Sb-119



81

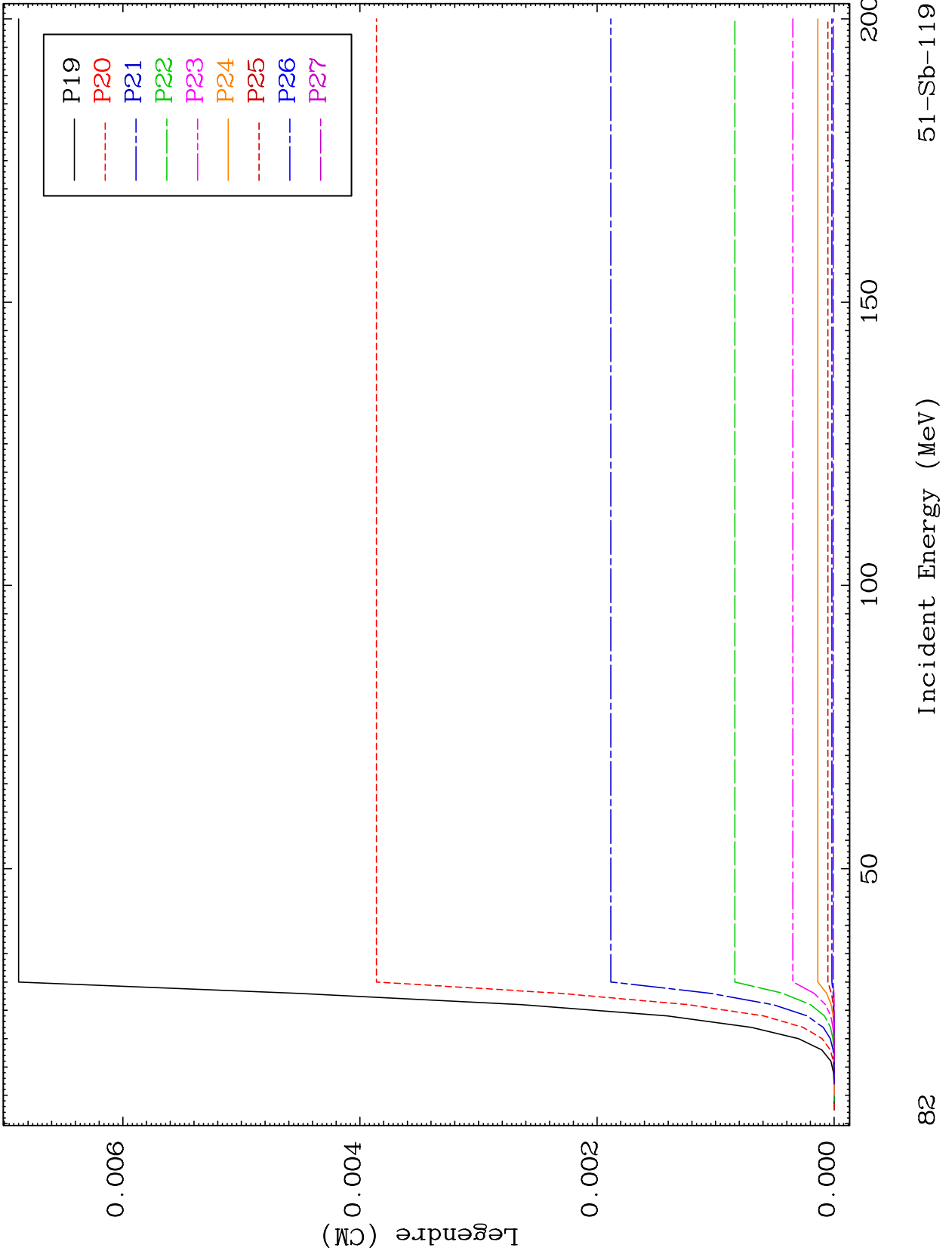
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

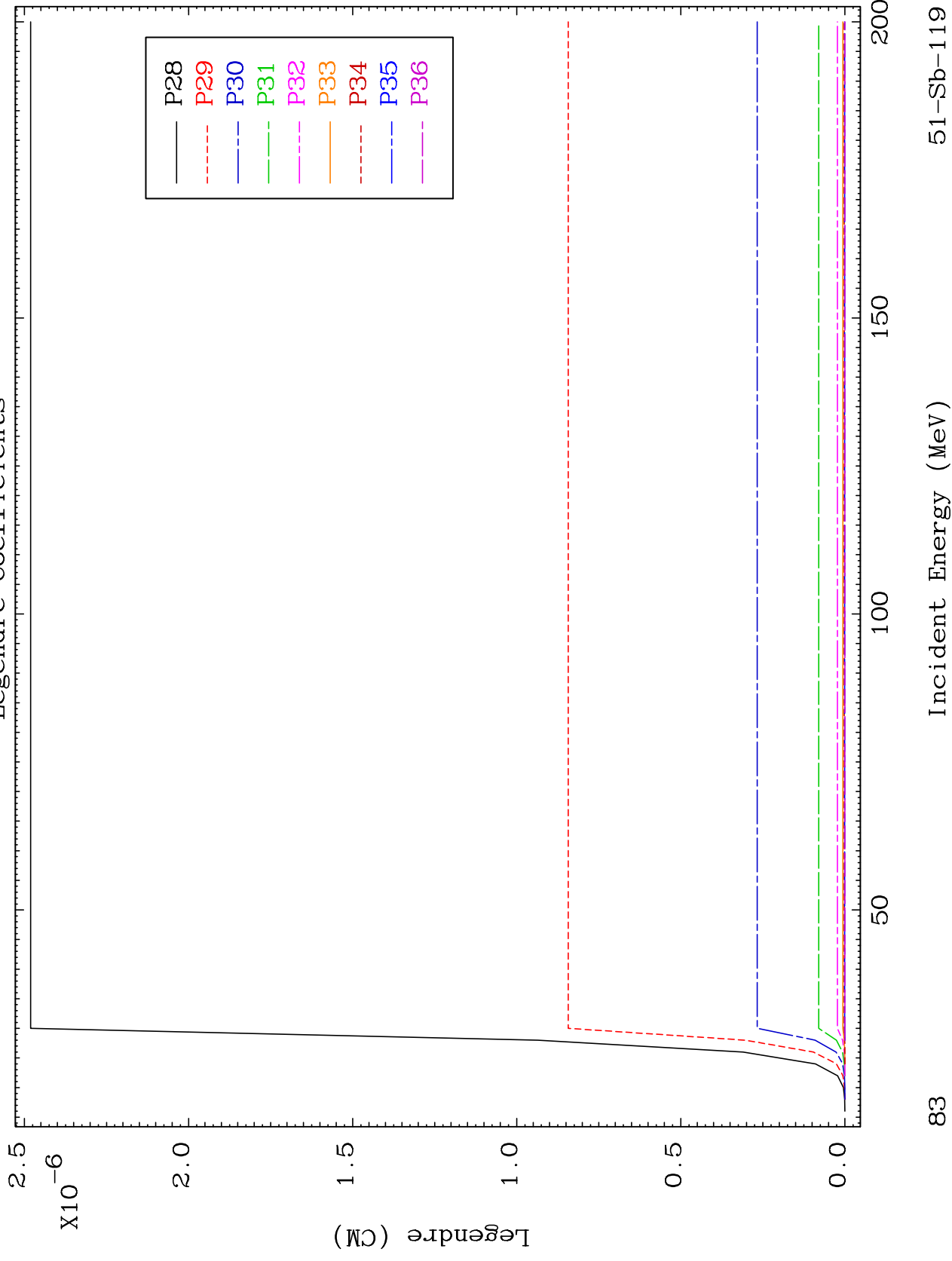
51-Sb-119



82

Incident Energy (MeV)

51-Sb-119

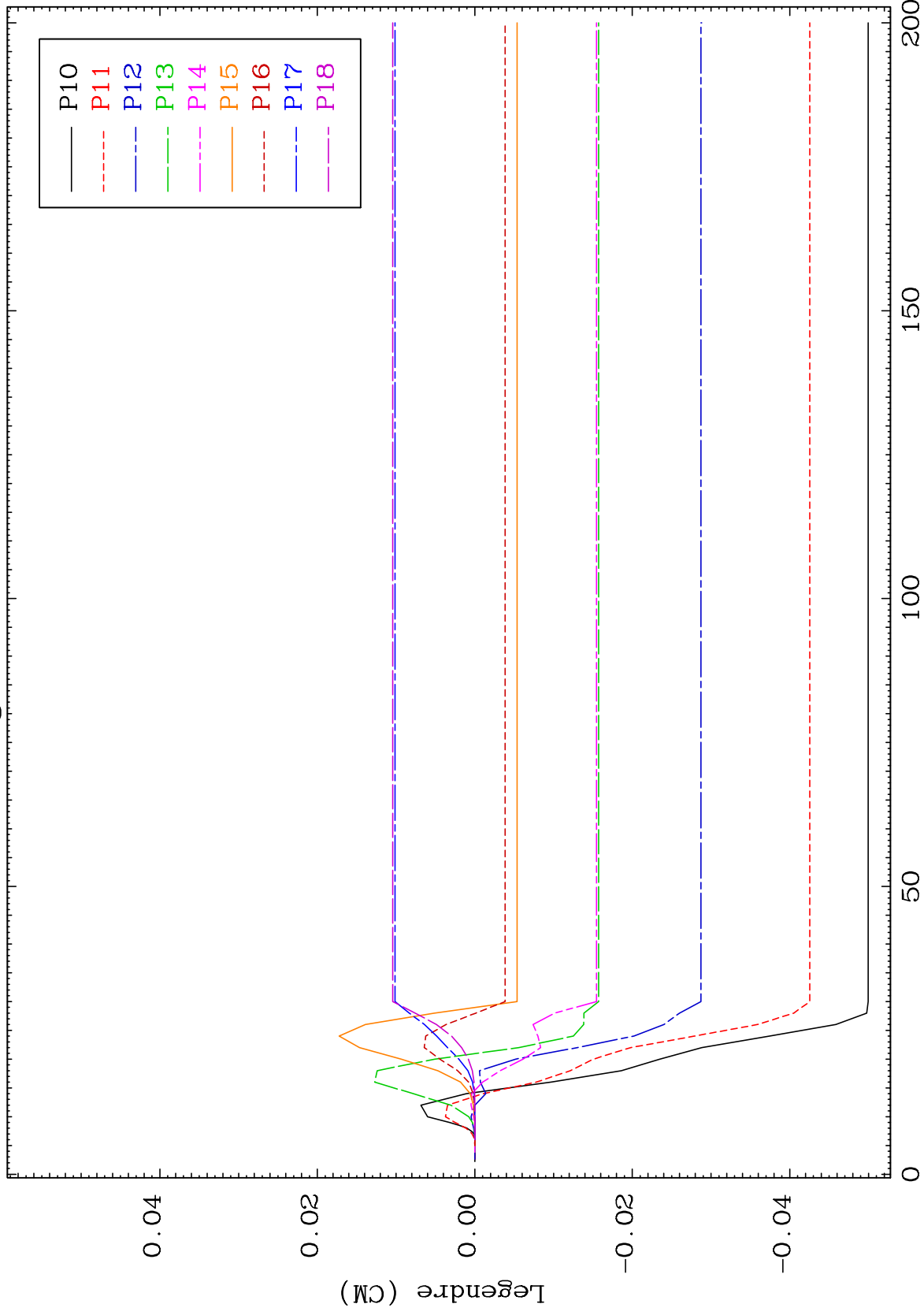




MAT 5119

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

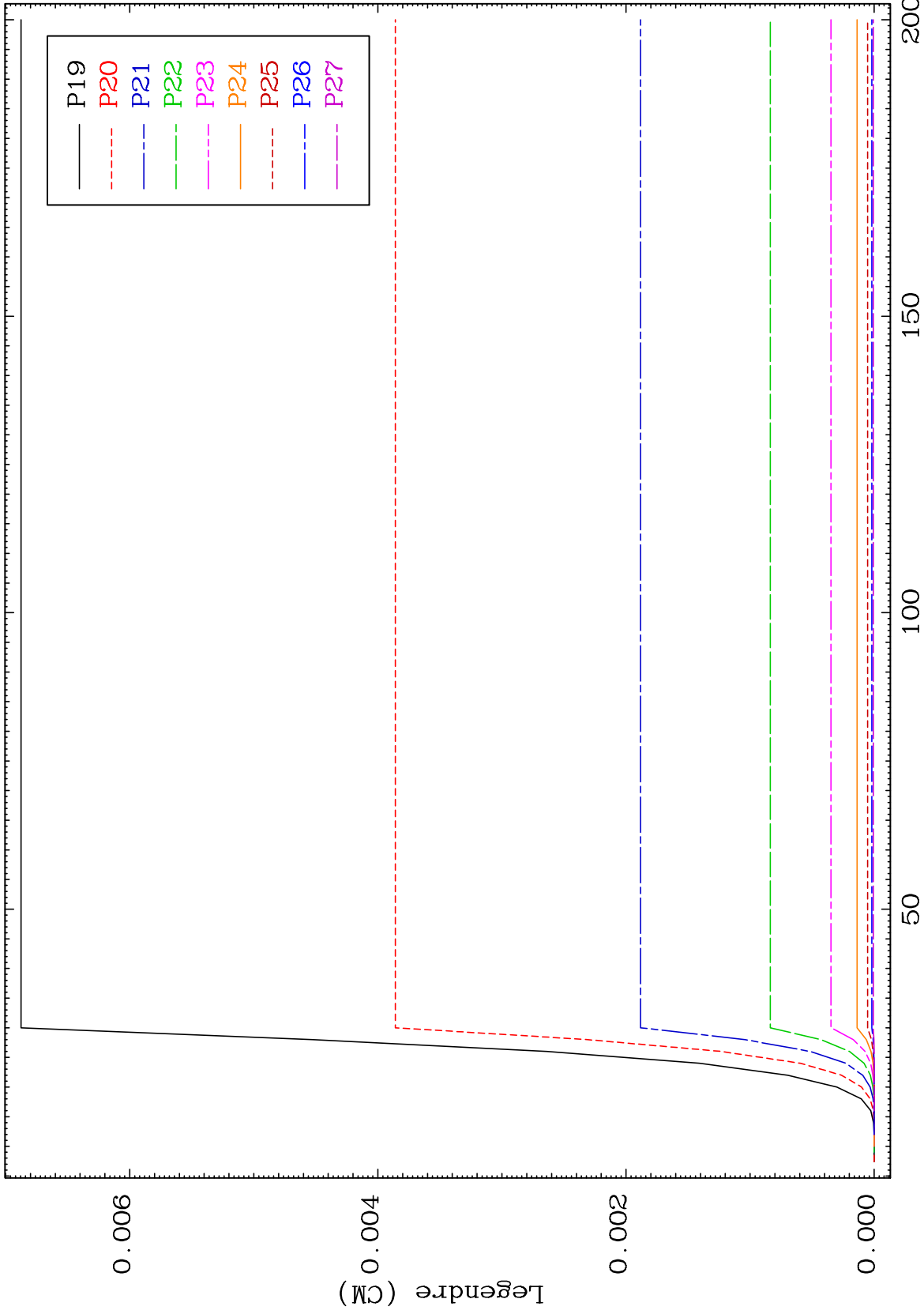
51-Sb-119



85

Incident Energy (MeV)

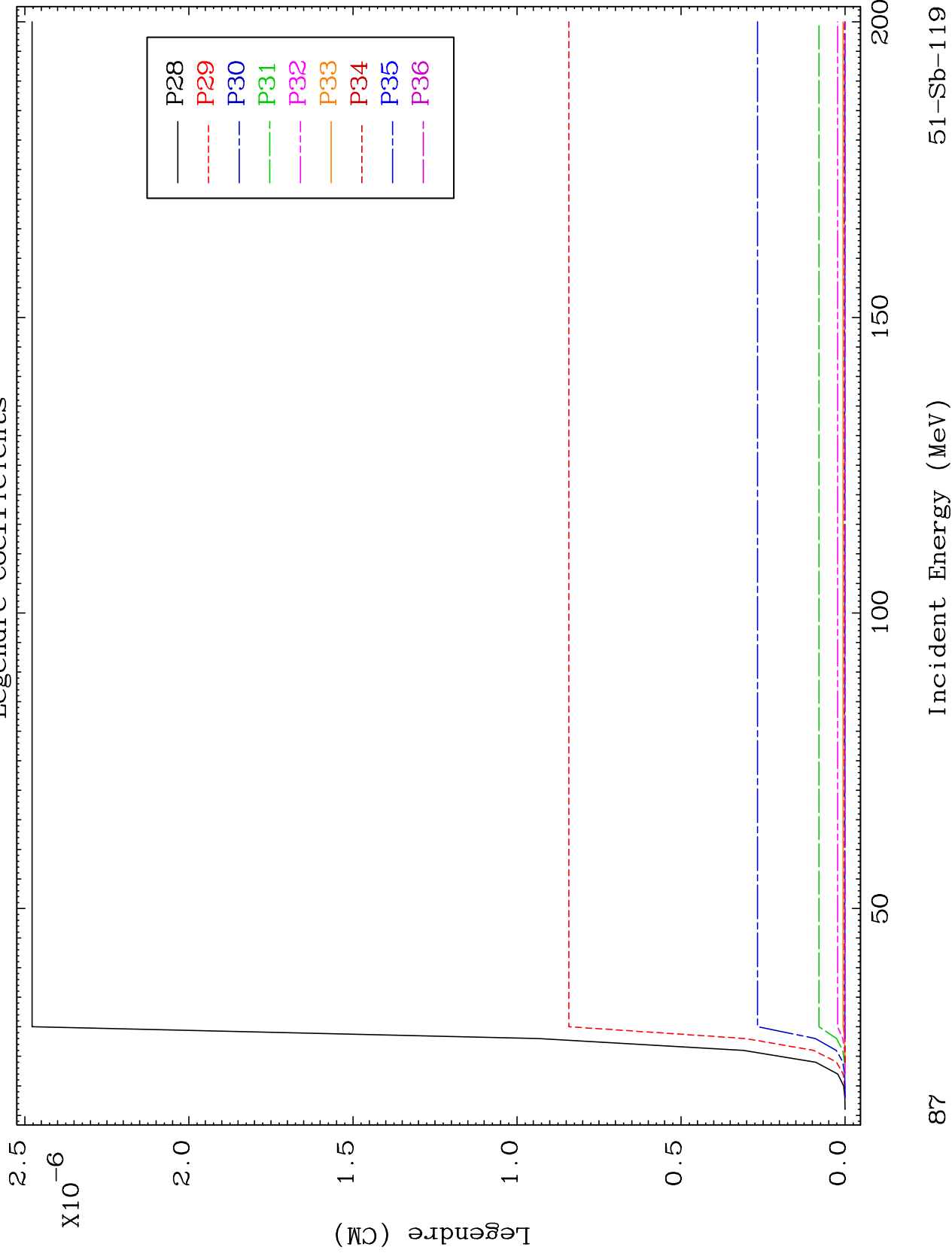
51-Sb-119



MAT 5119

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

51-Sb-119

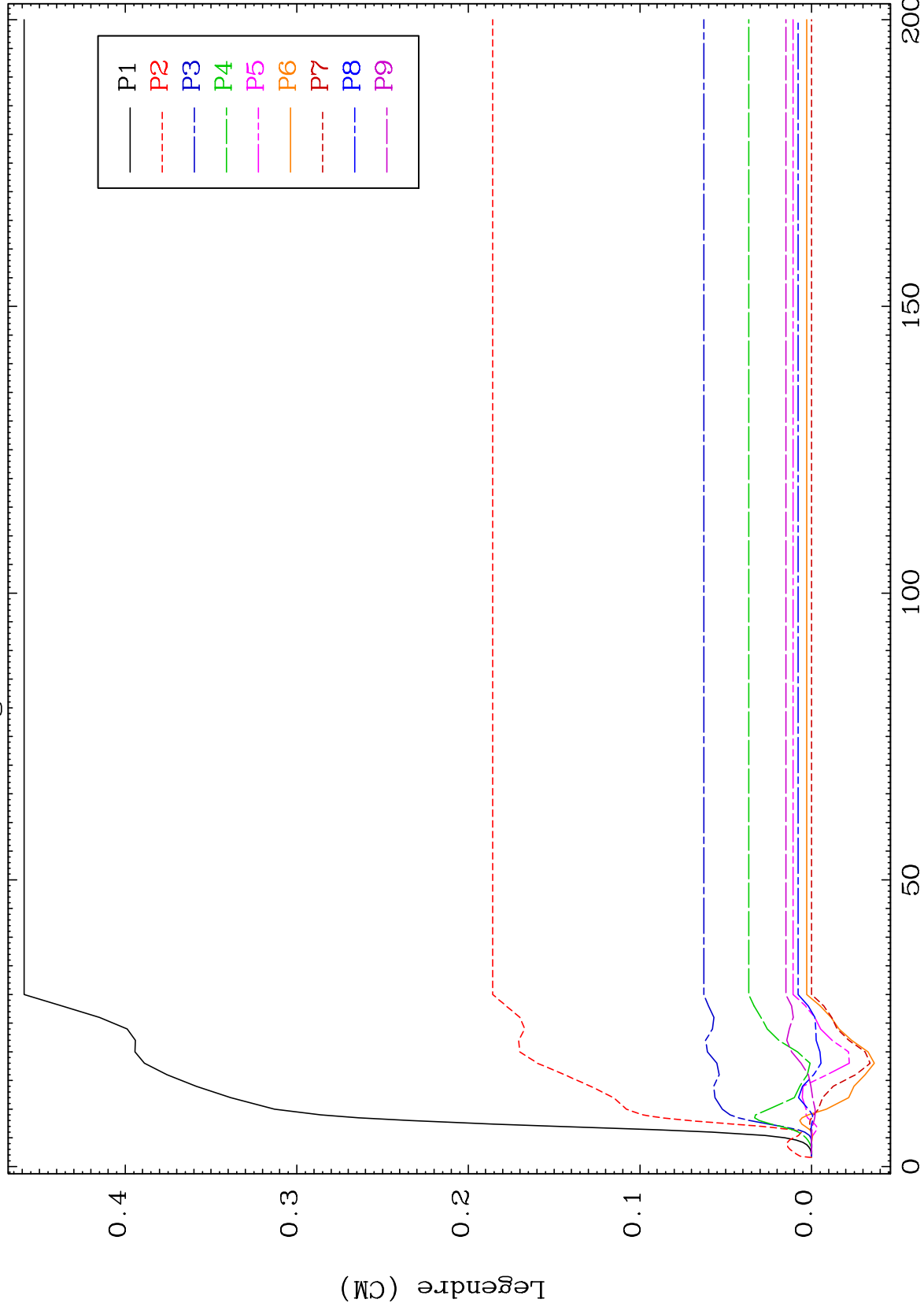




MAT 5119

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

51-Sb-119



51-Sb-119

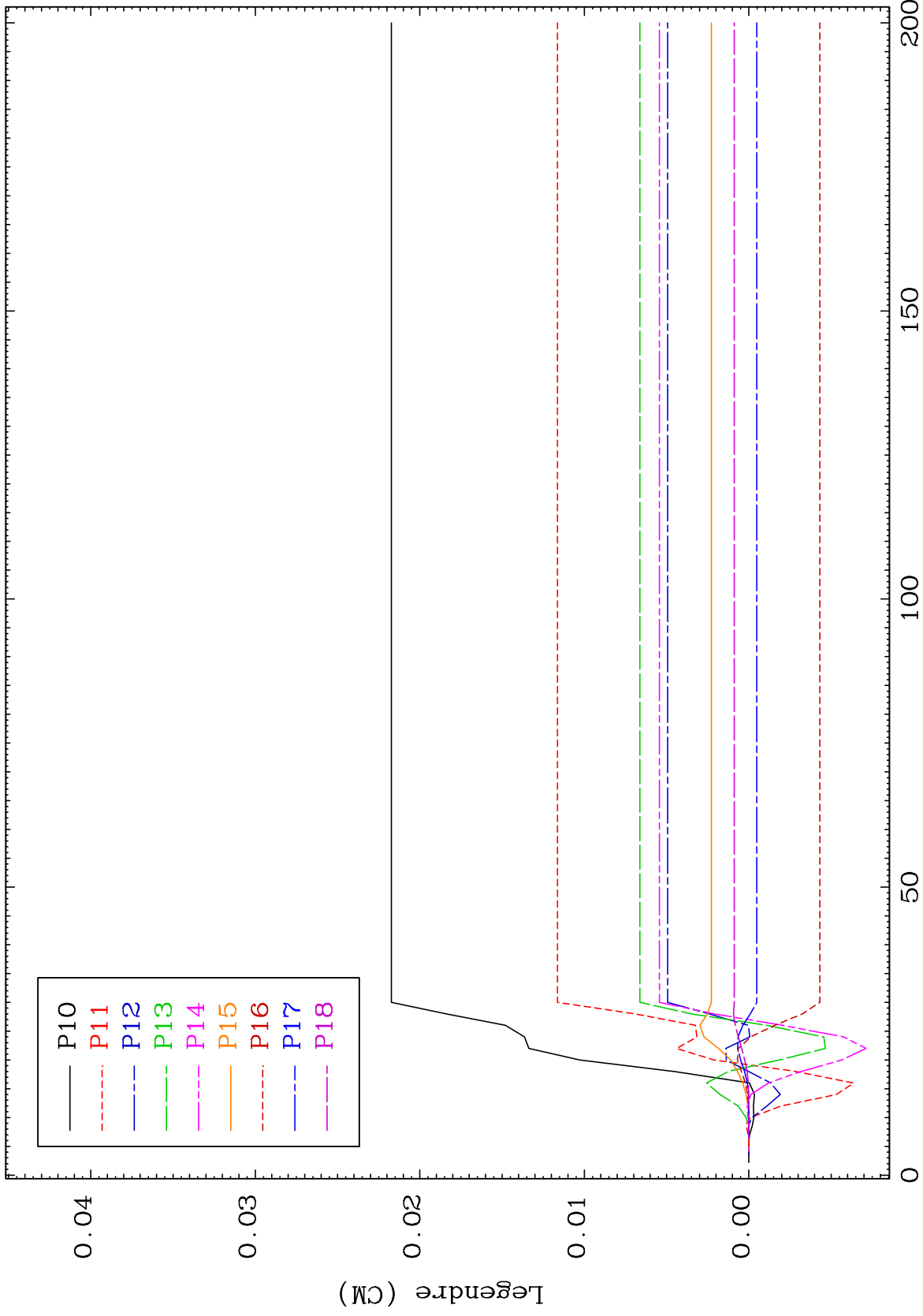
Incident Energy (MeV)

88

MAT 5119

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

51-Sb-119



89

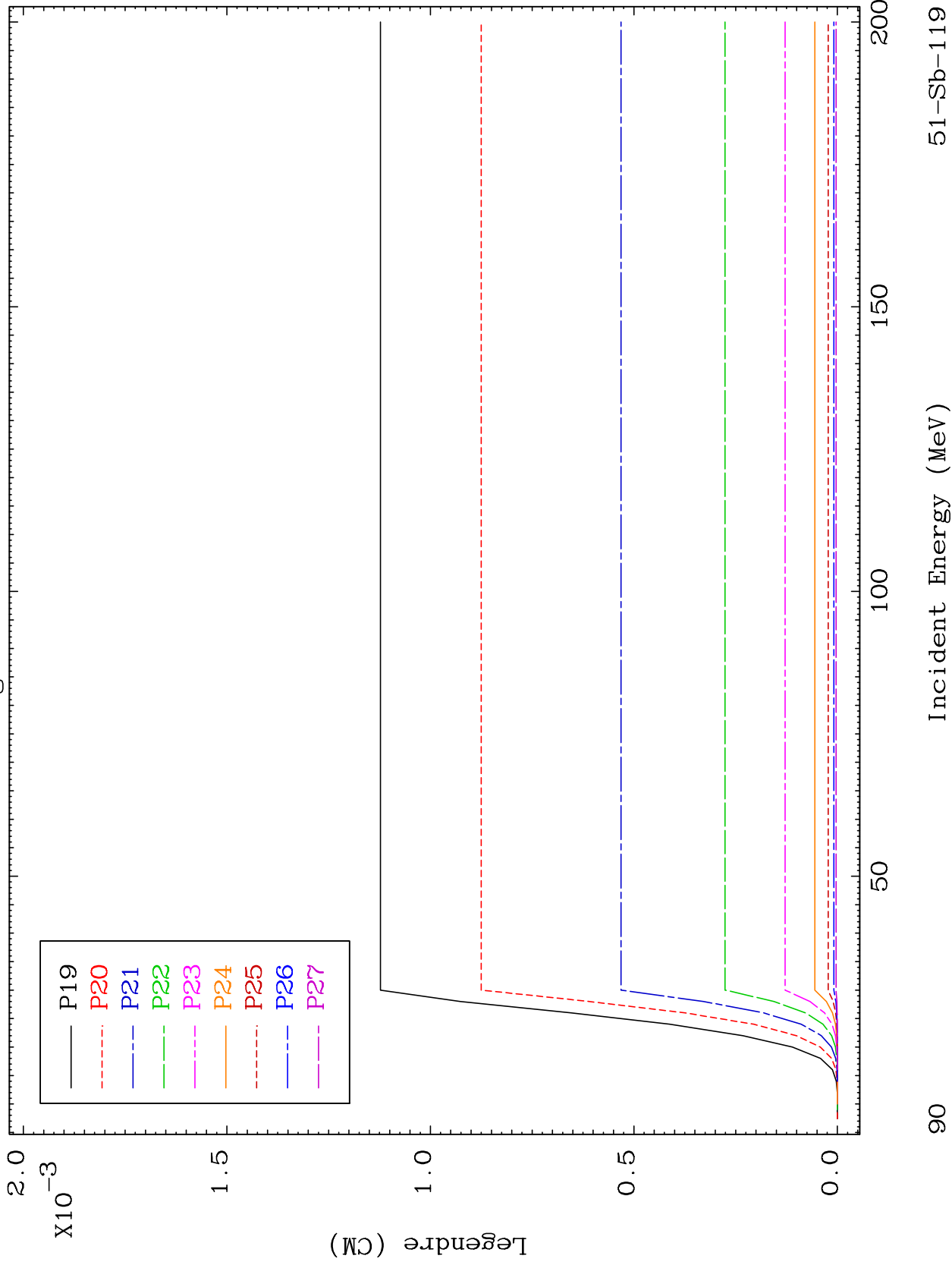
Incident Energy (MeV)

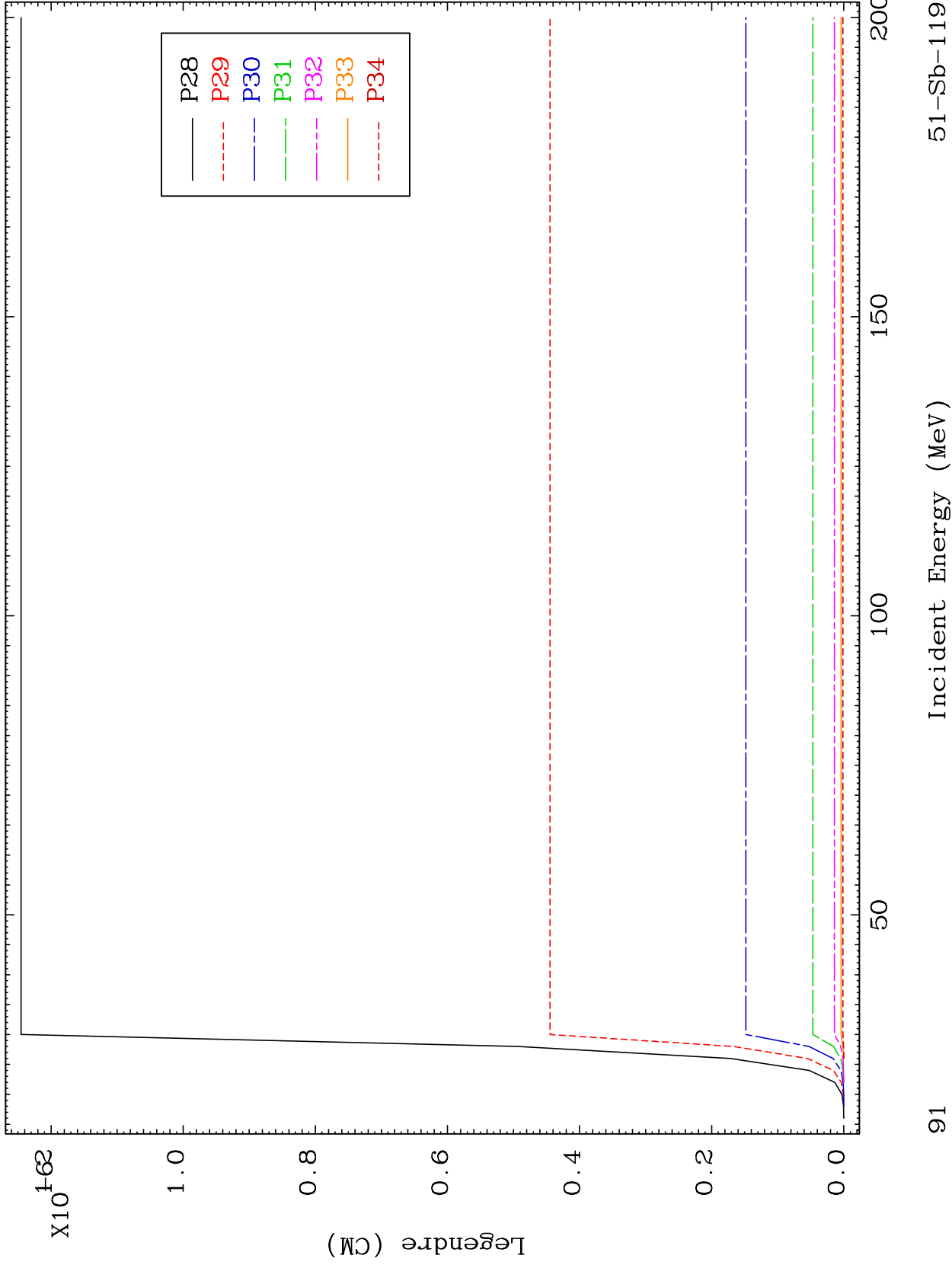
51-Sb-119

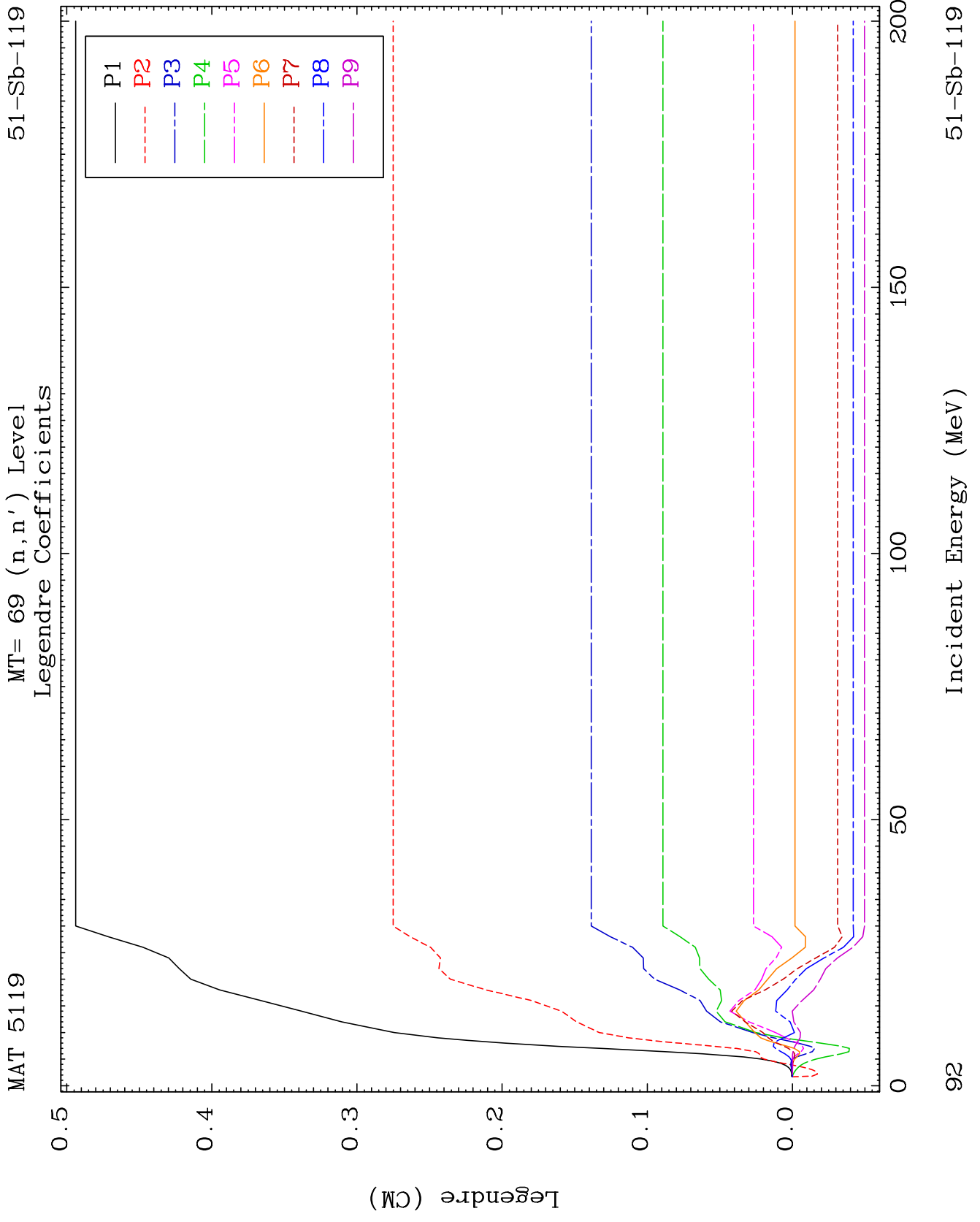
MAT 5119

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

51-Sb-119



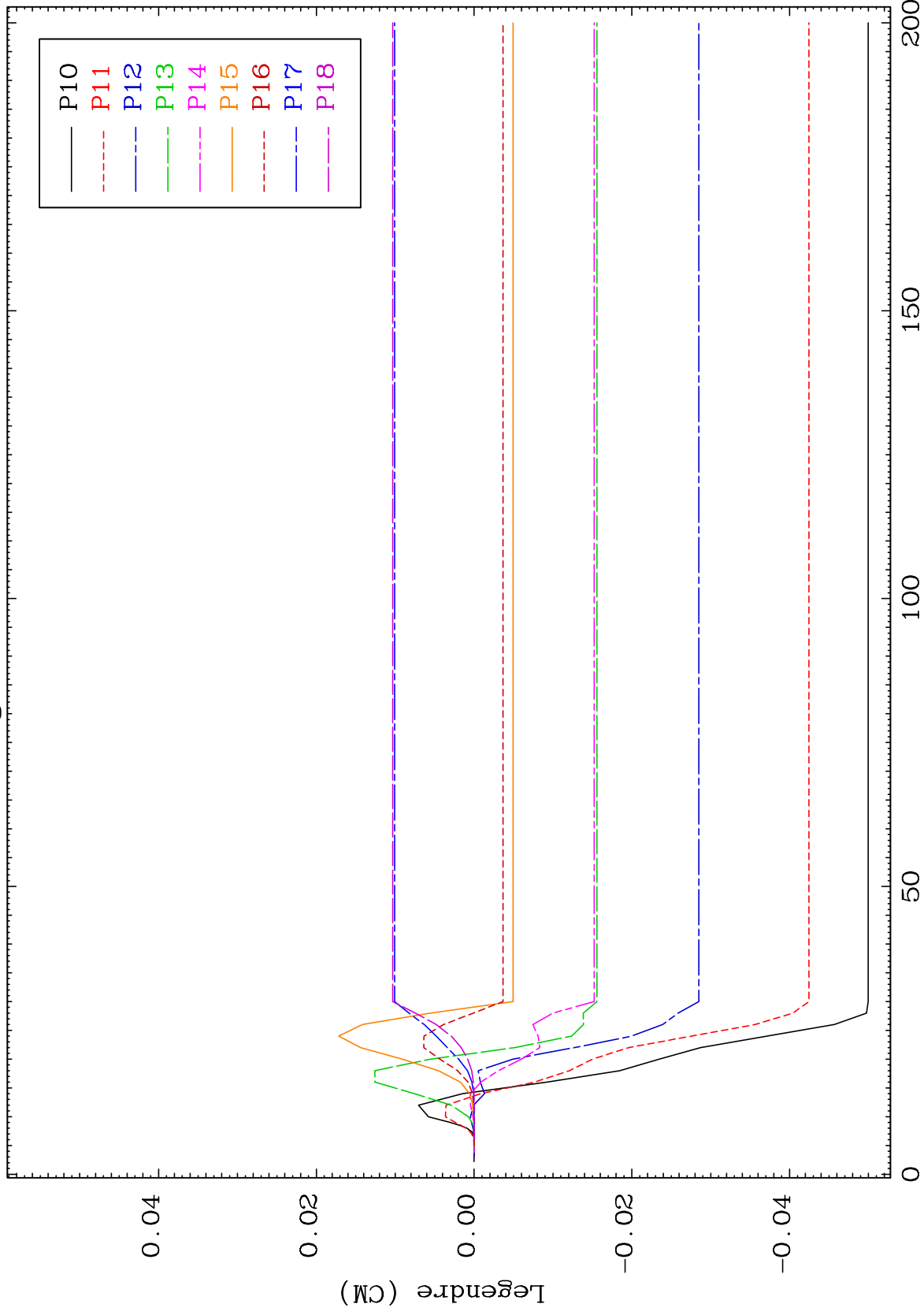




MAT 5119

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

51-Sb-119



93

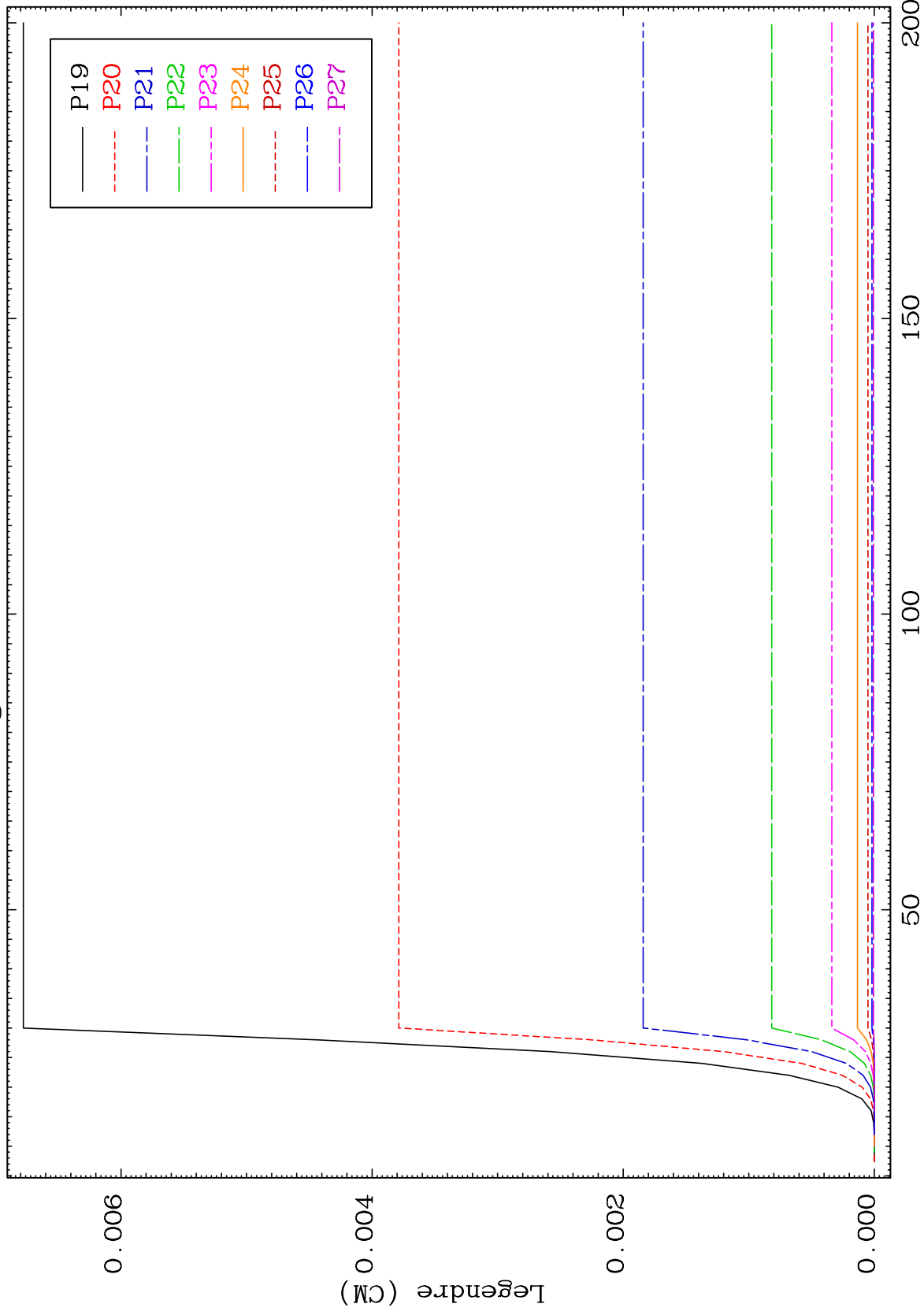
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

51-Sb-119



94

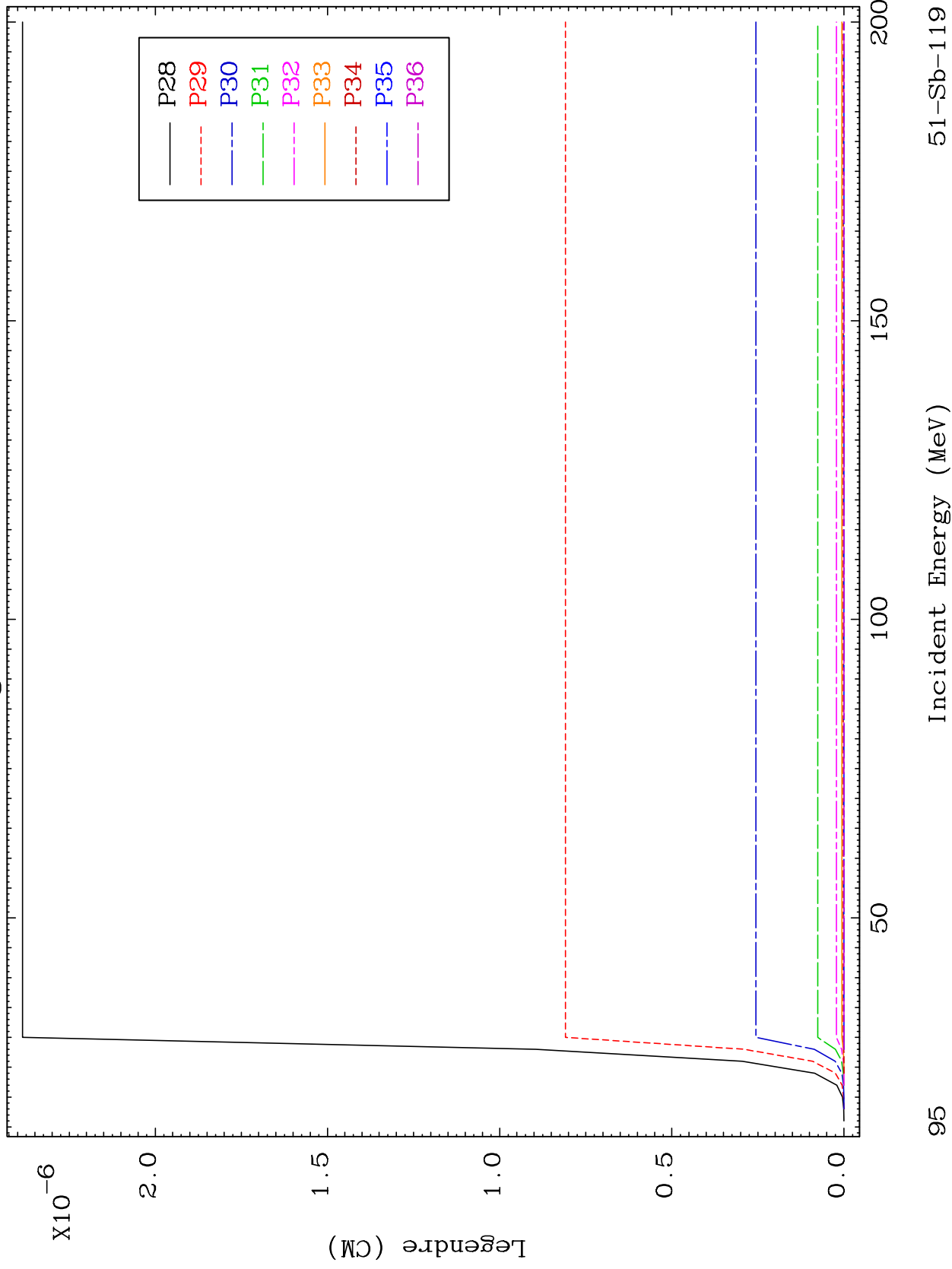
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



95

Incident Energy (MeV)

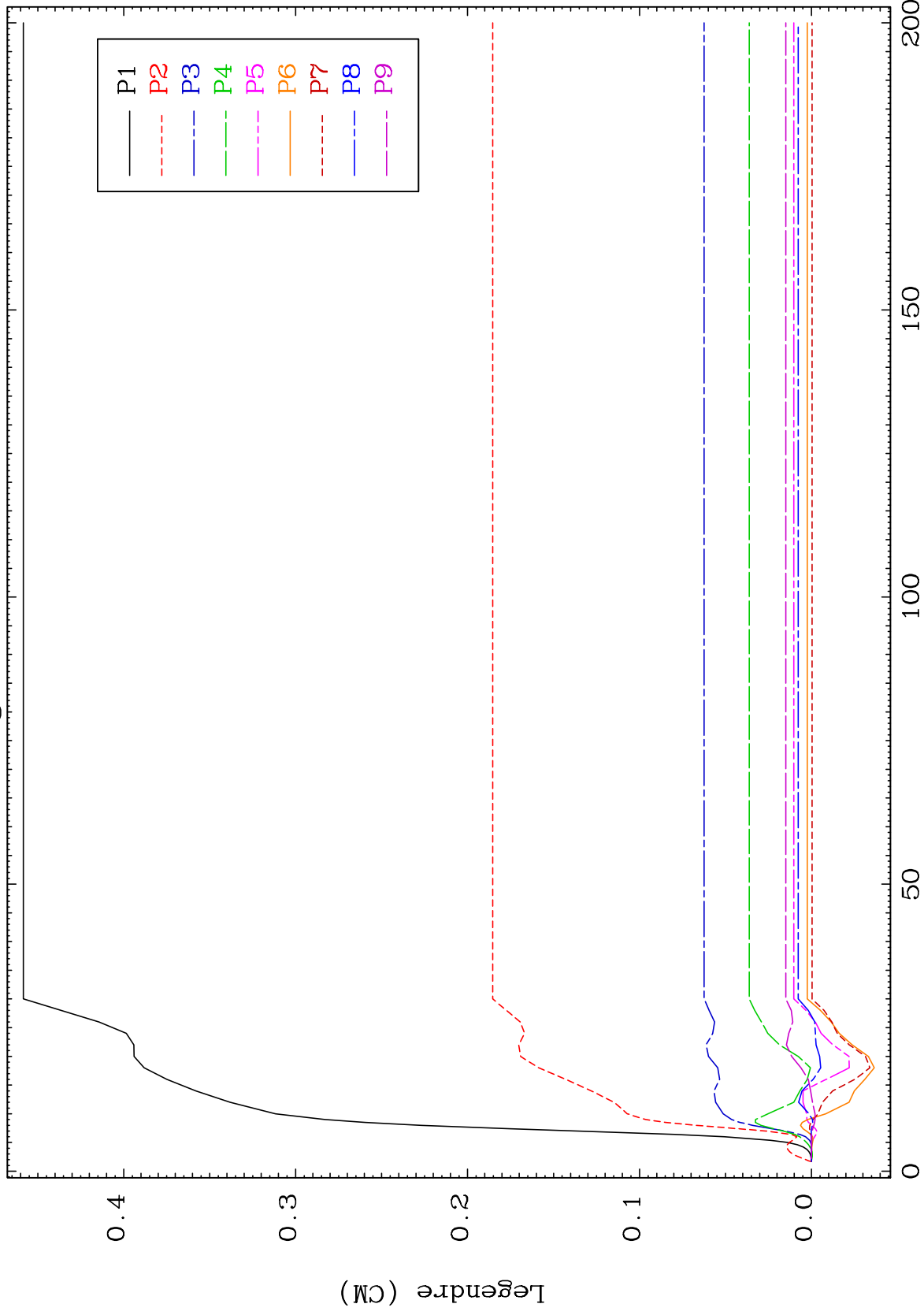
51-Sb-119



MAT 5119

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

51-Sb-119



96

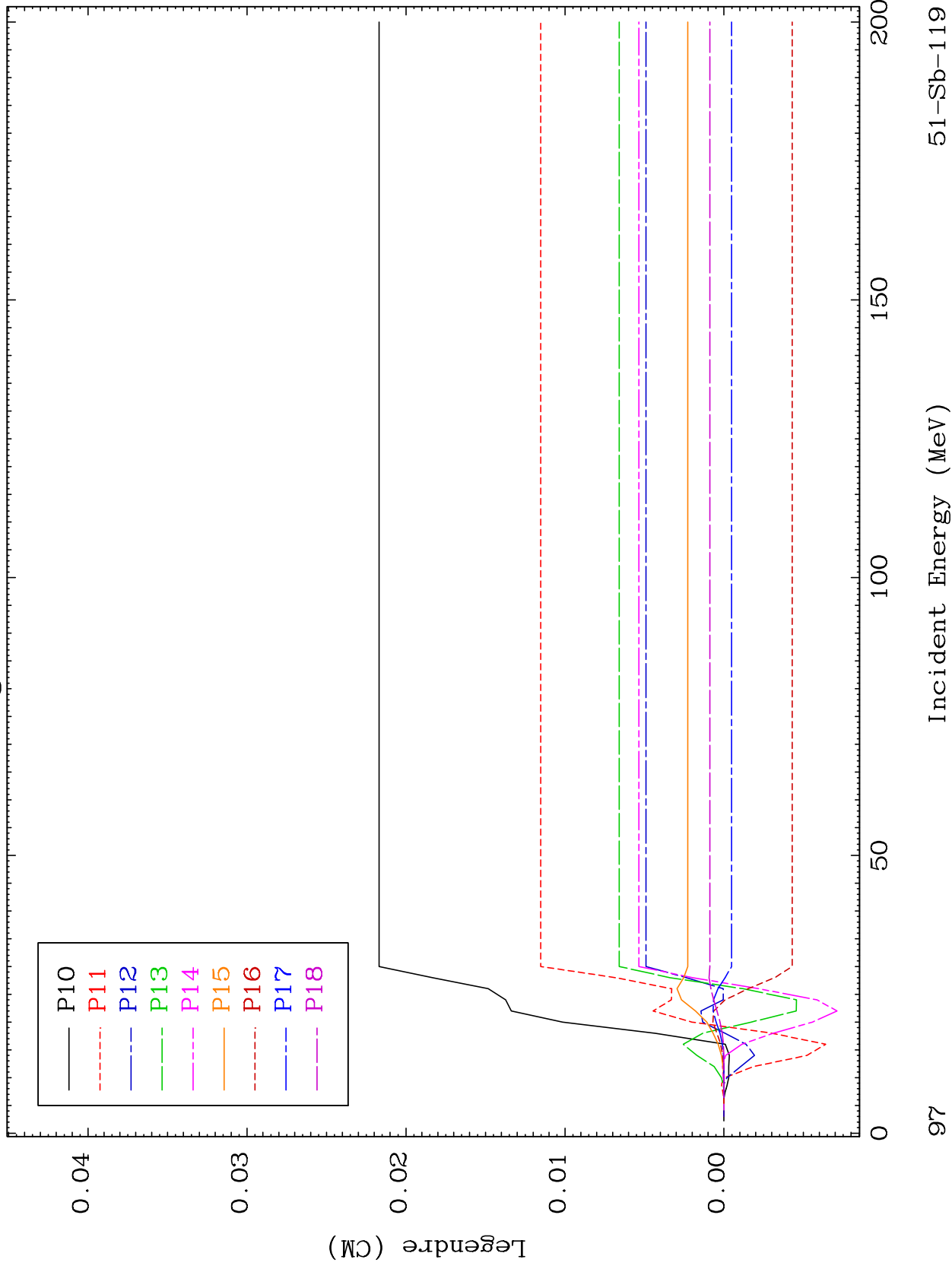
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

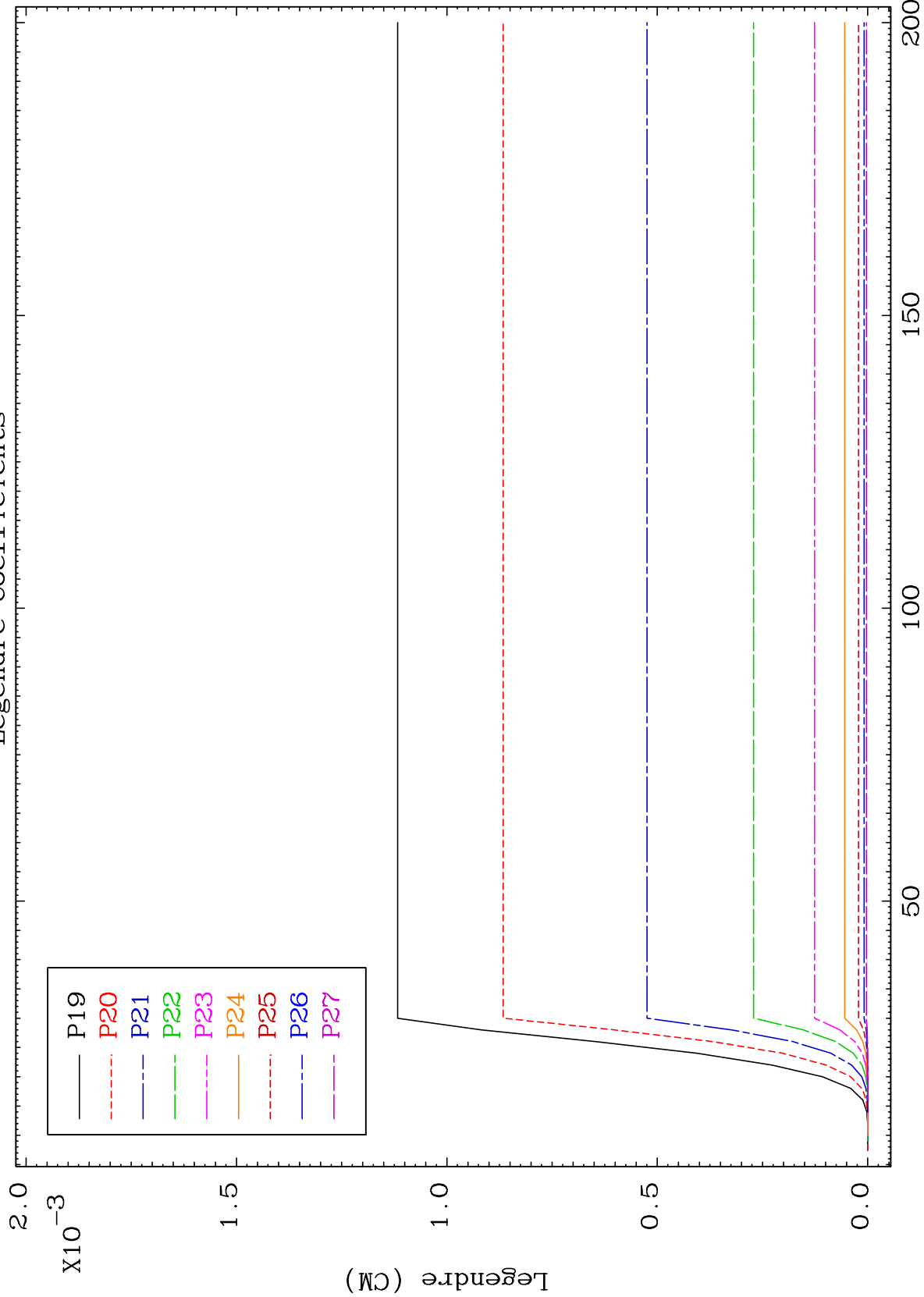
51-Sb-119



97

Incident Energy (MeV)

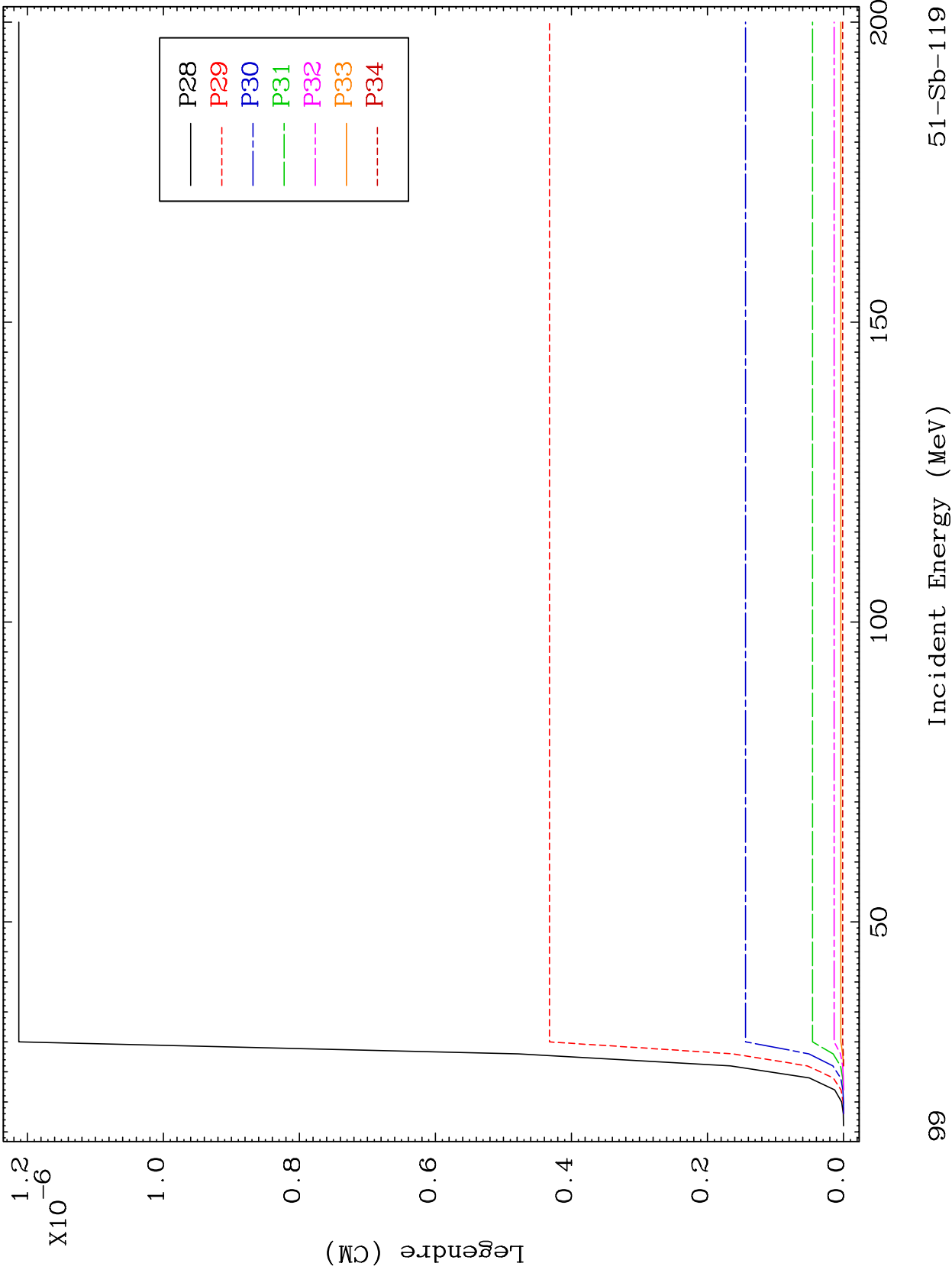
51-Sb-119



MAT 5119

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

51-Sb-119



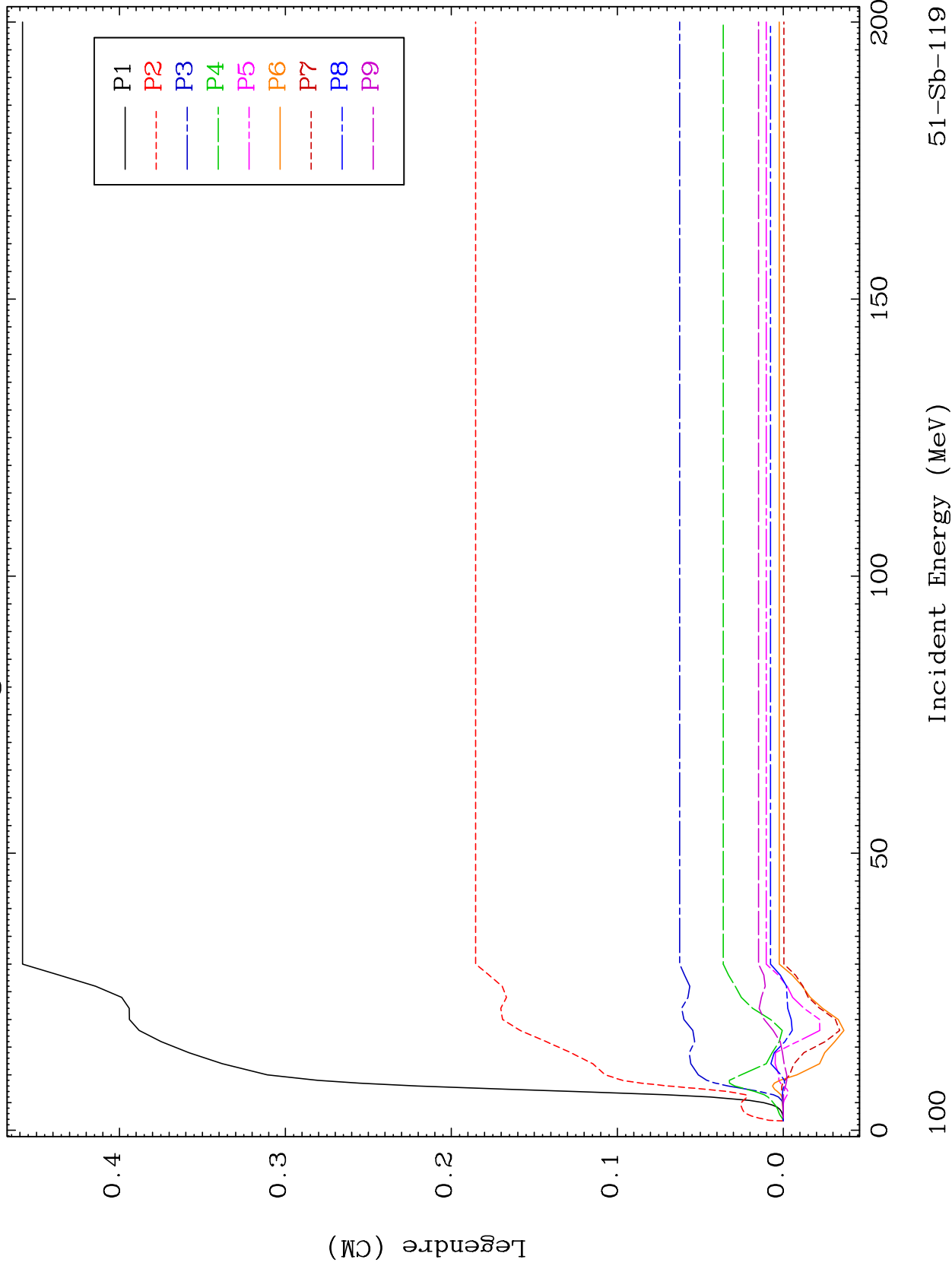
99

51-Sb-119

MAT 51119

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

51-Sb-119

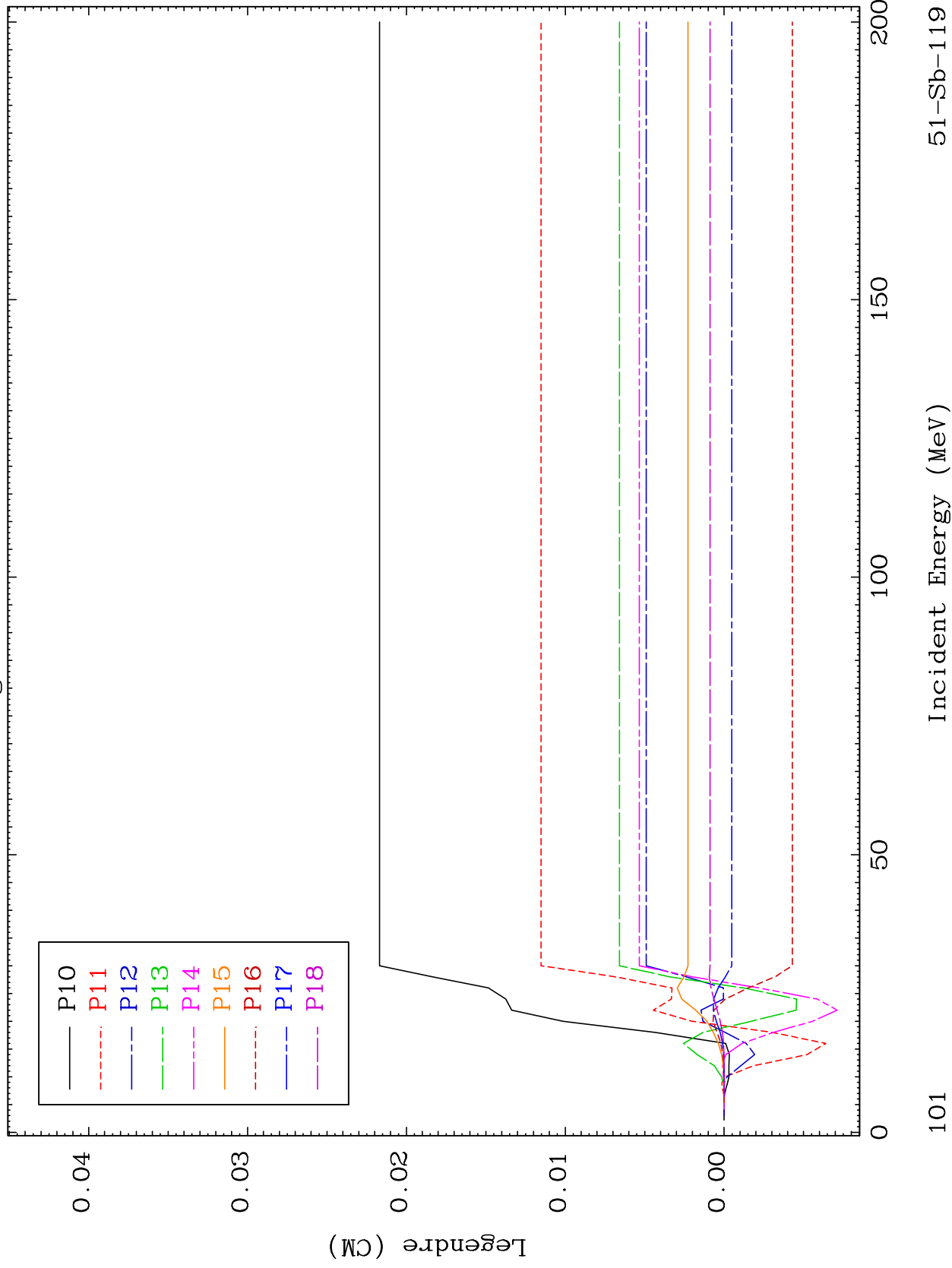


51-Sb-119

MAT 5119

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

51-Sb-119



51-Sb-119

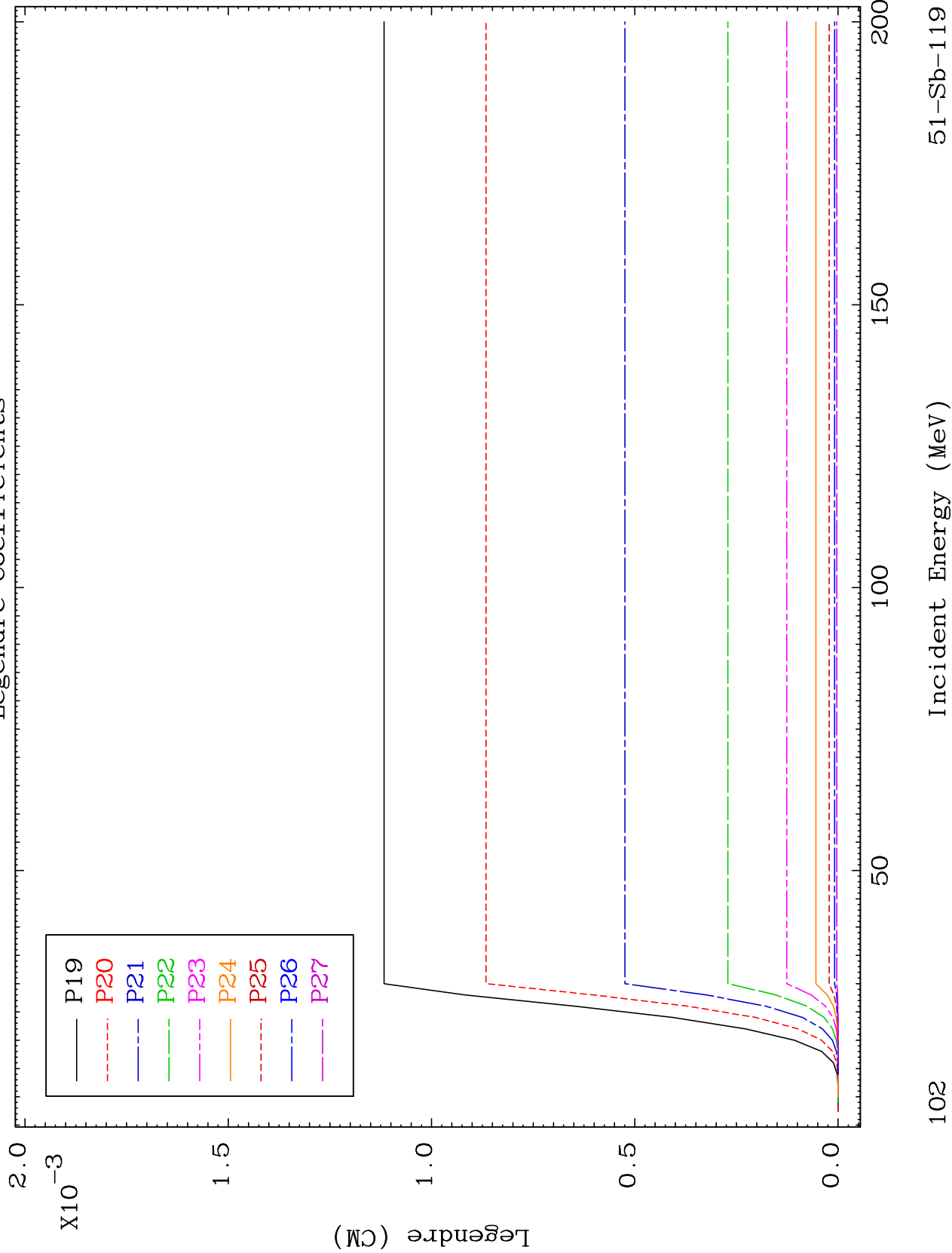
Incident Energy (MeV)

101

MAT 51119

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

51-Sb-119



102

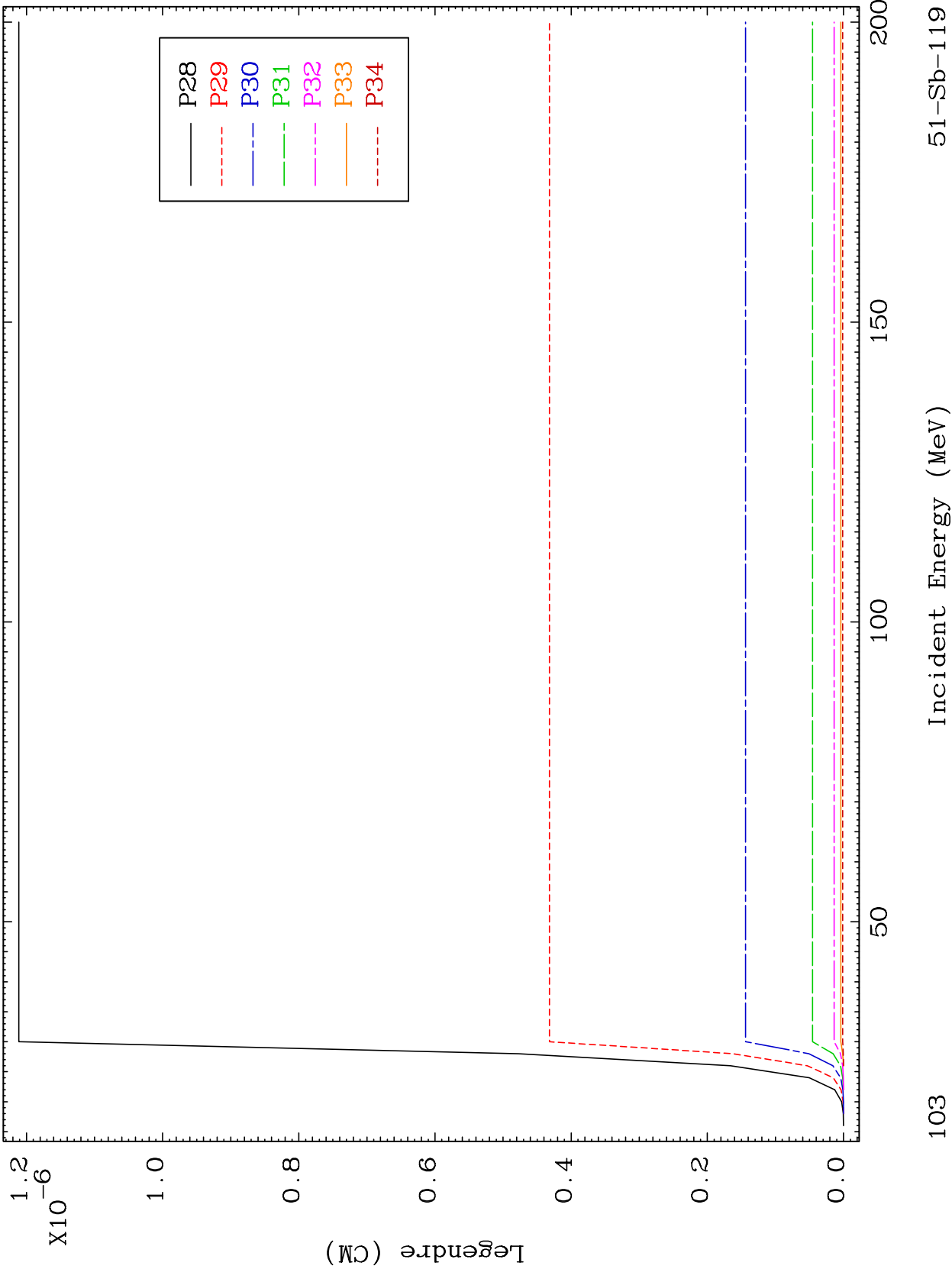
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



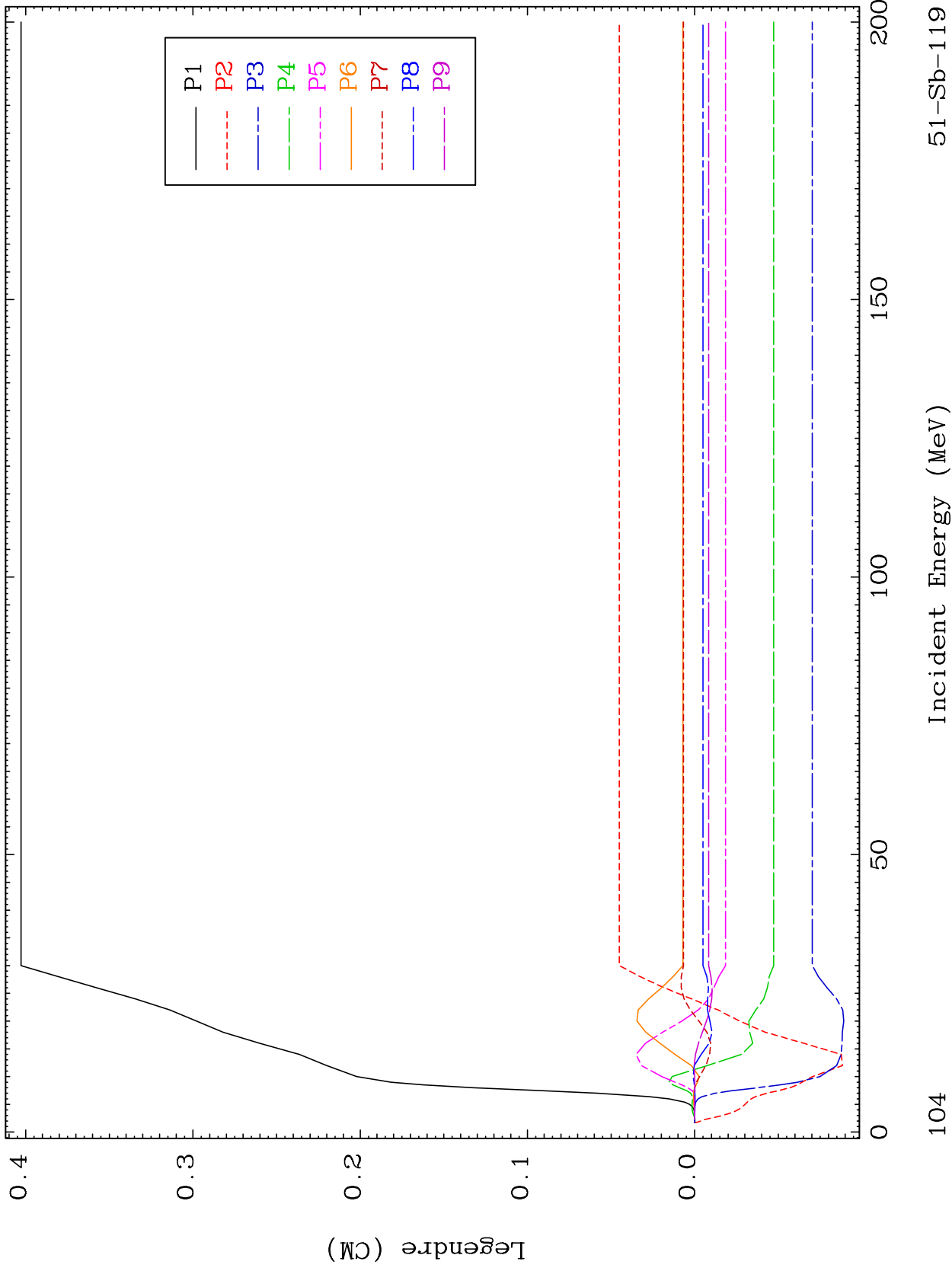
103



MAT 5119

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

51-Sb-119



51-Sb-119

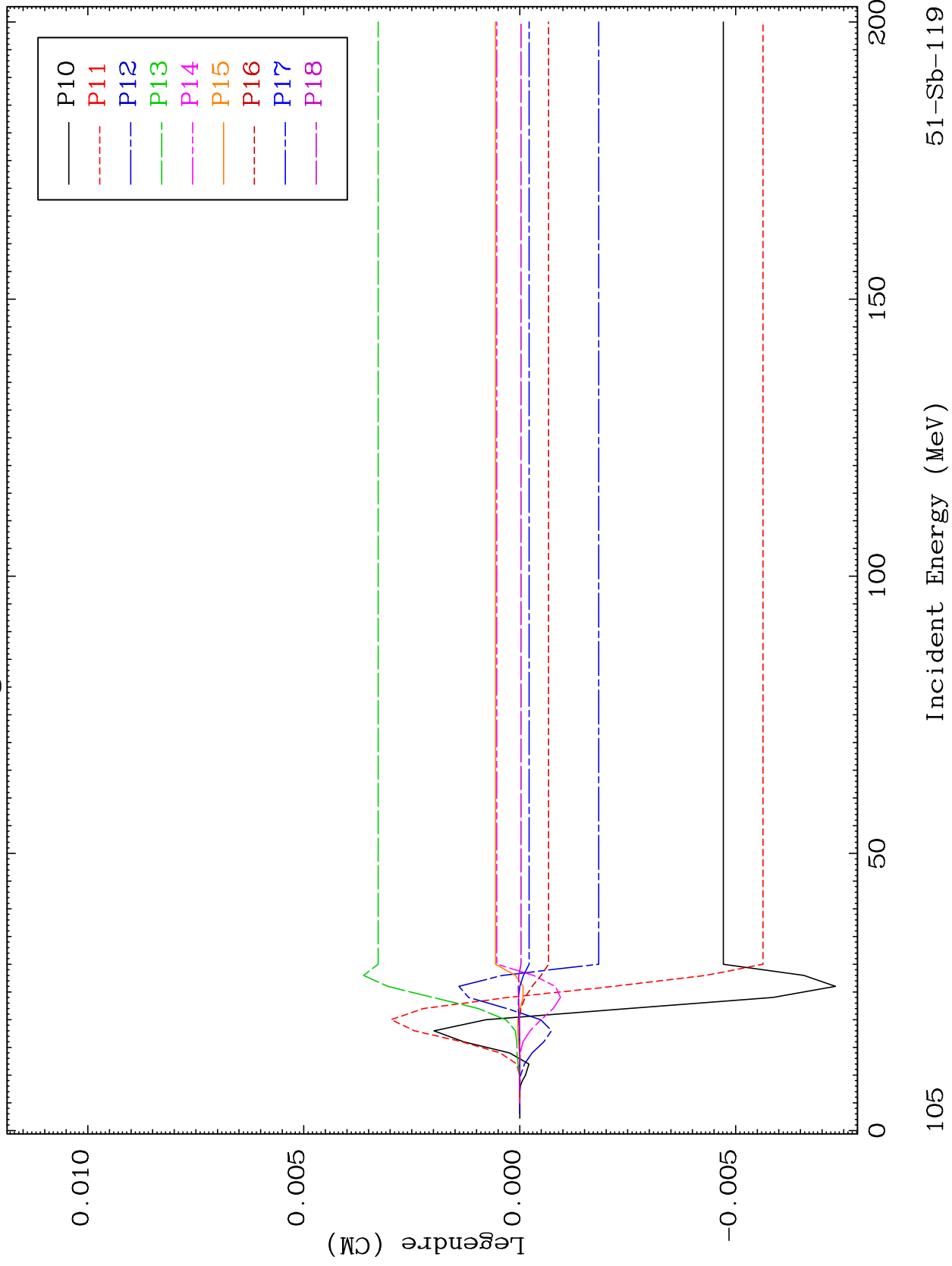
Incident Energy (MeV)

104

MAT 5119

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

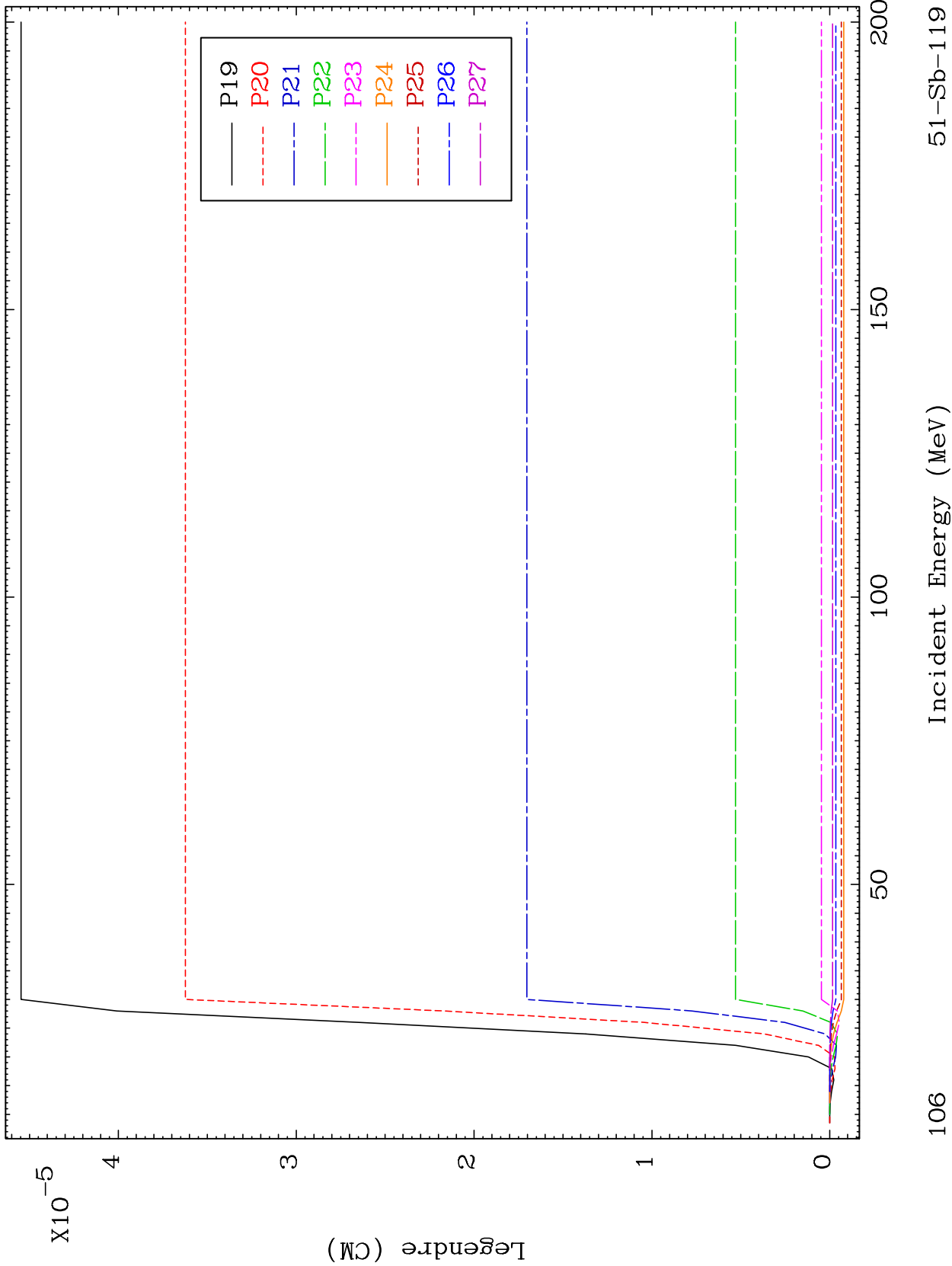
51-Sb-119



MAT 51119

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

51-Sb-119



106

Incident Energy (MeV)

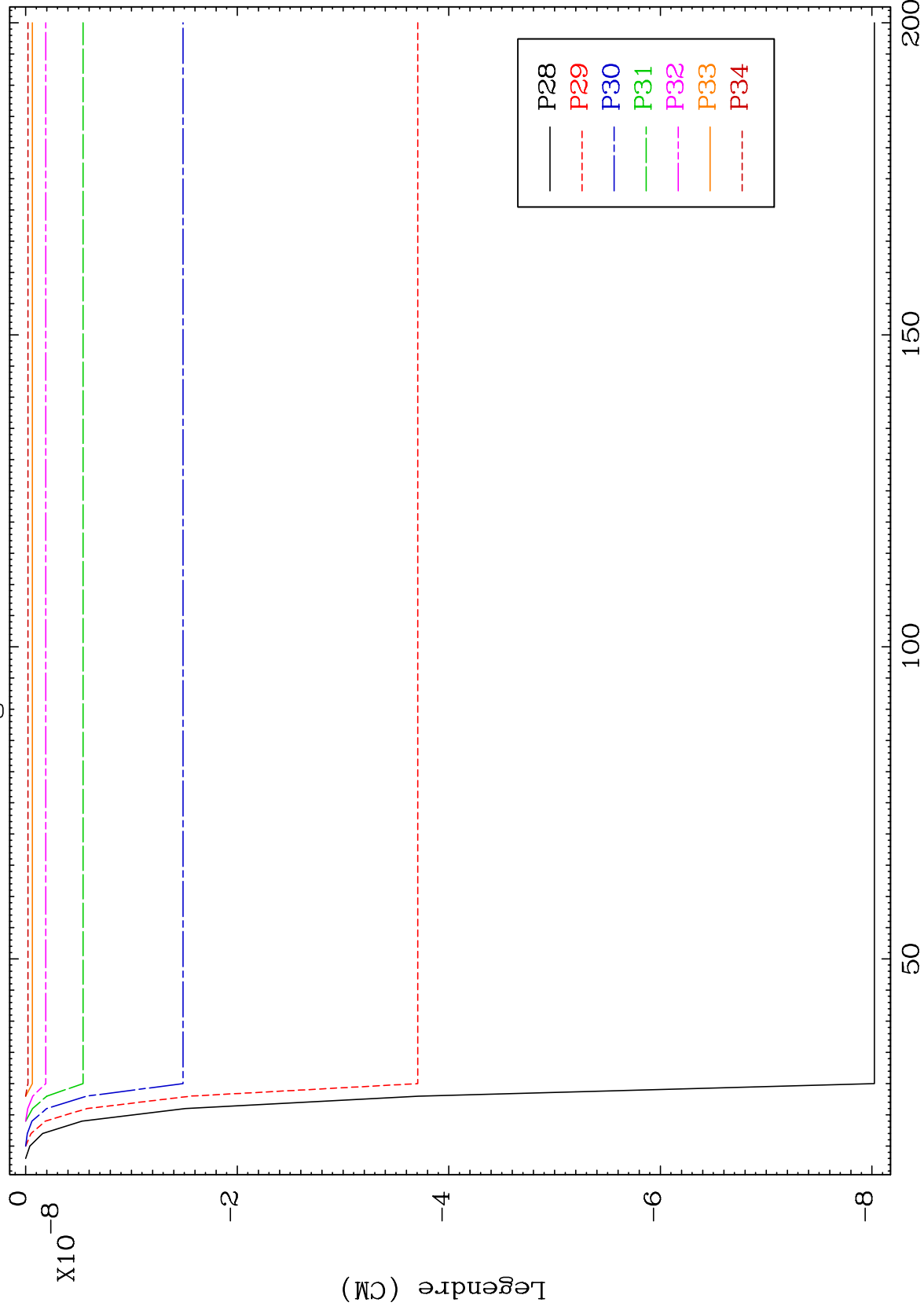
51-Sb-119

MAT 5119

MT= 72 (n,n') Level

51-Sb-119

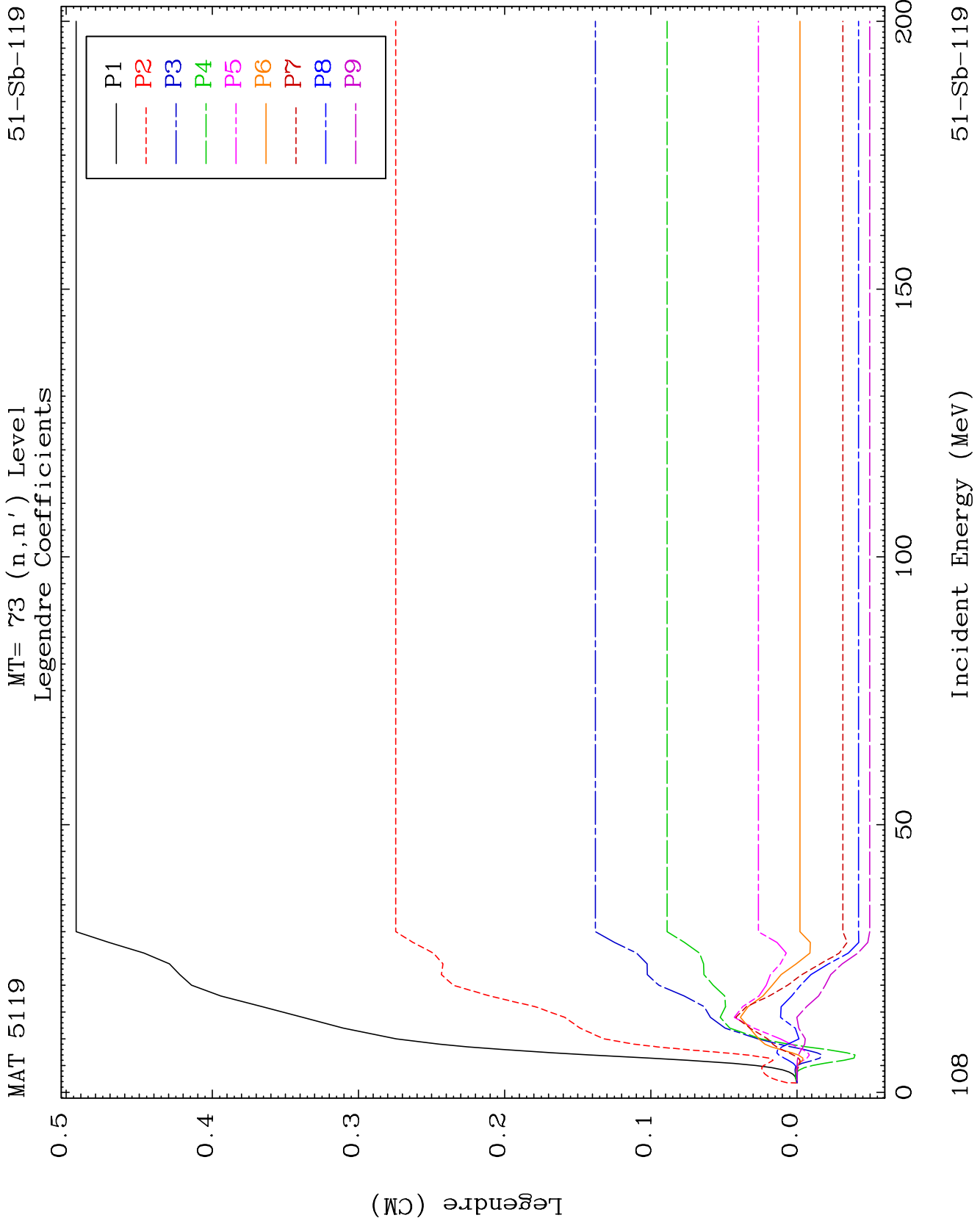
Legendre Coefficients



107

Incident Energy (MeV)

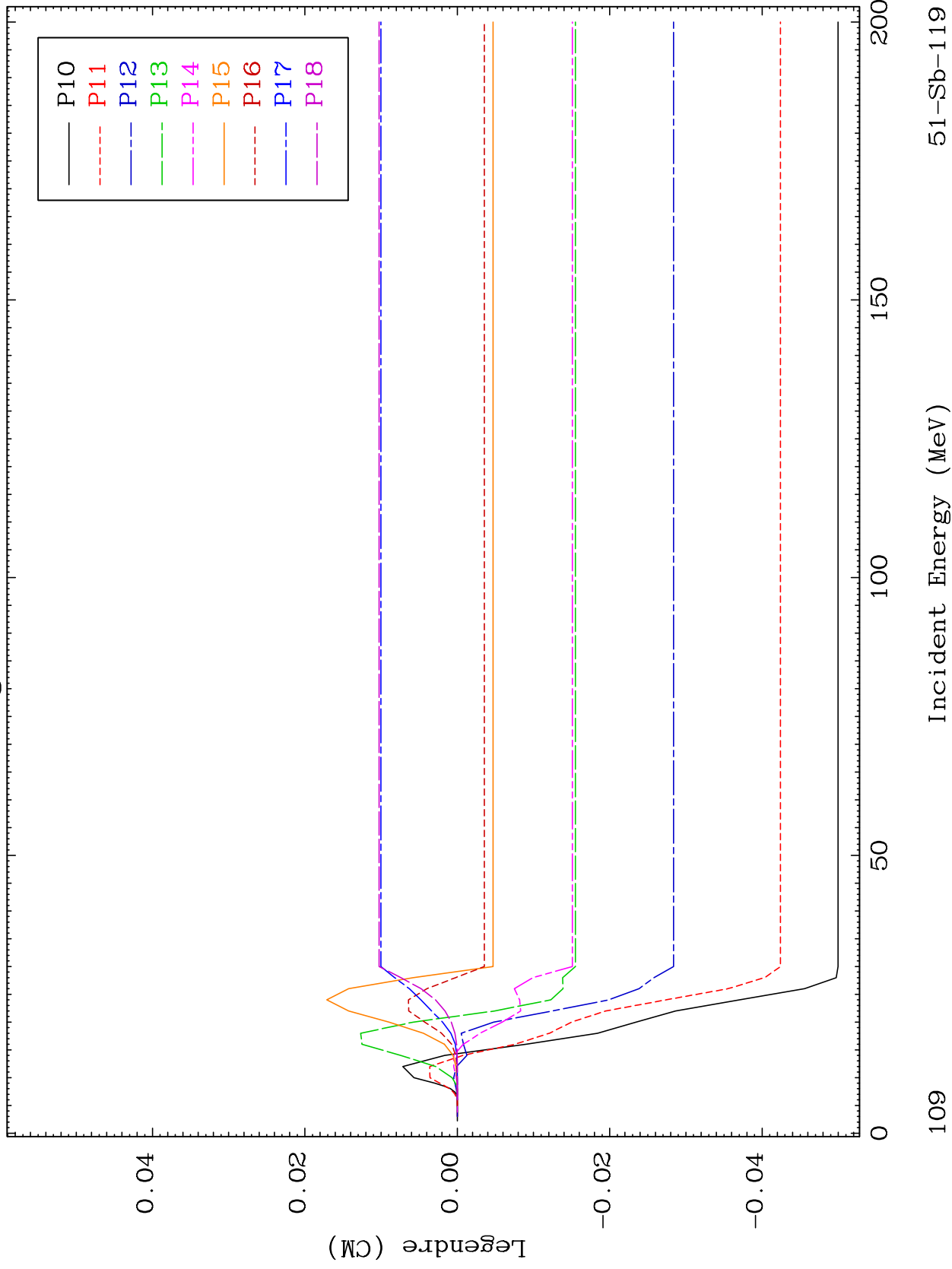
51-Sb-119



MAT 5119

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

51-Sb-119



51-Sb-119

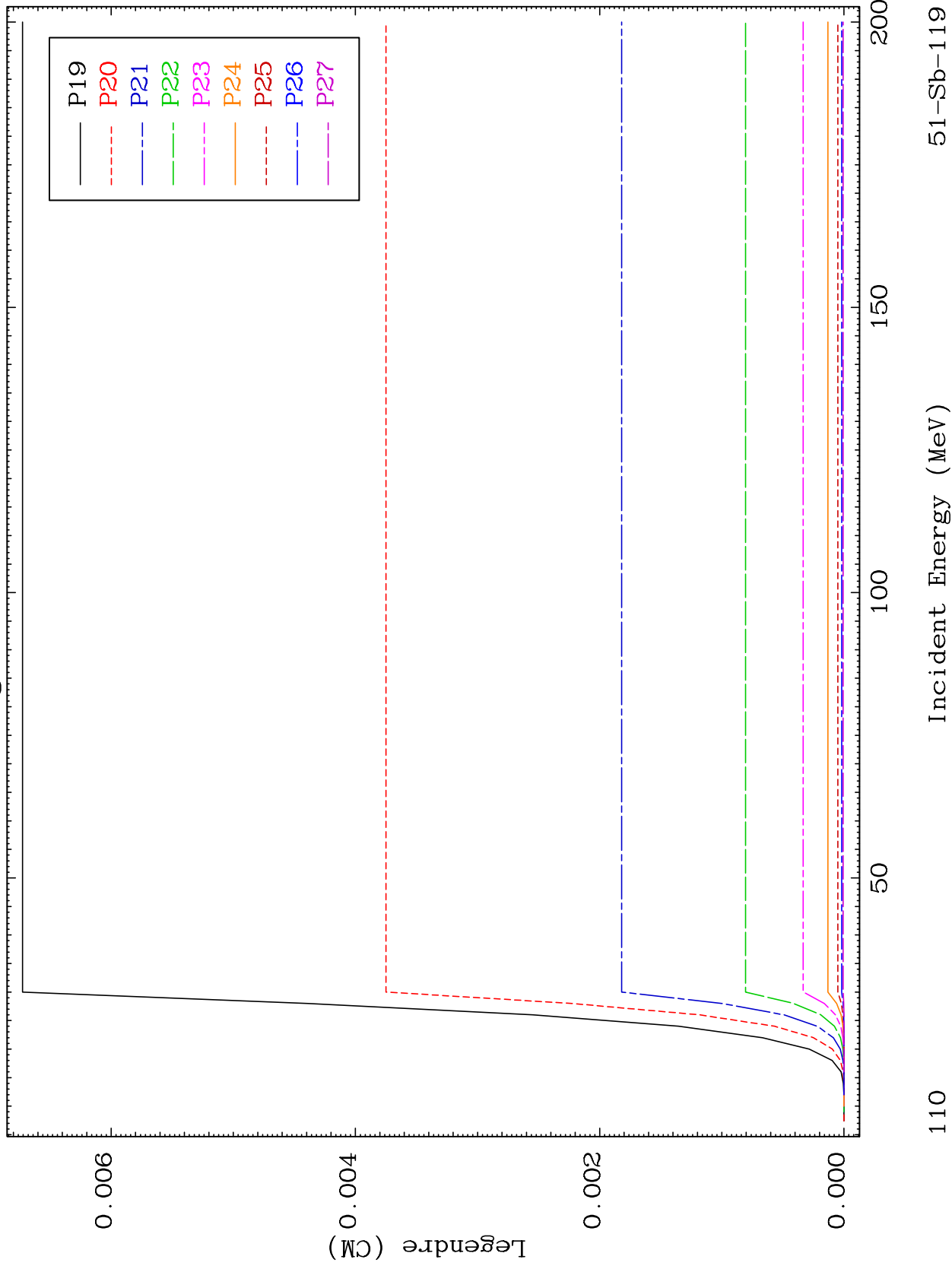
Incident Energy (MeV)

109

MAT 5119

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

51-Sb-119



110

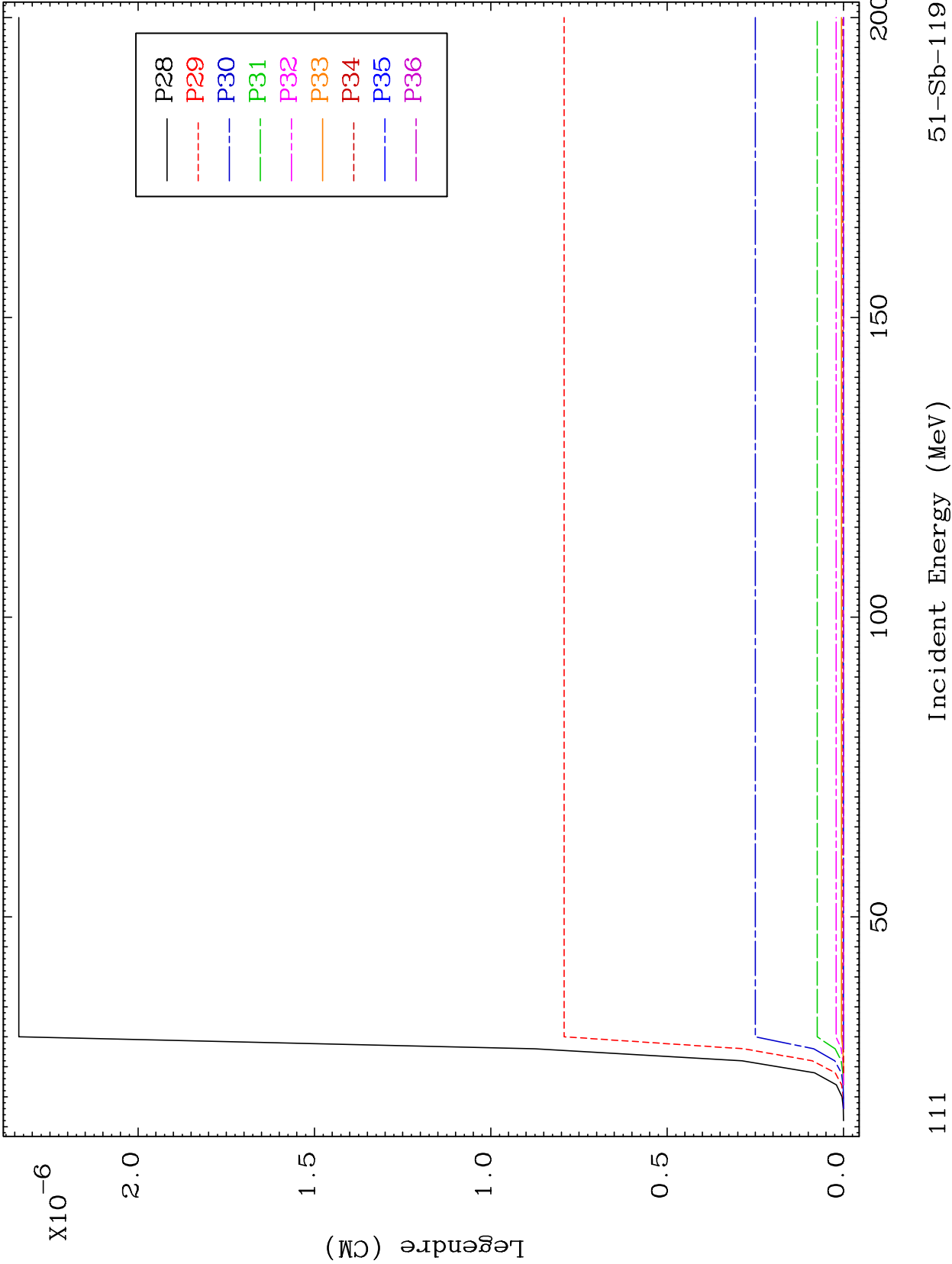
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



111

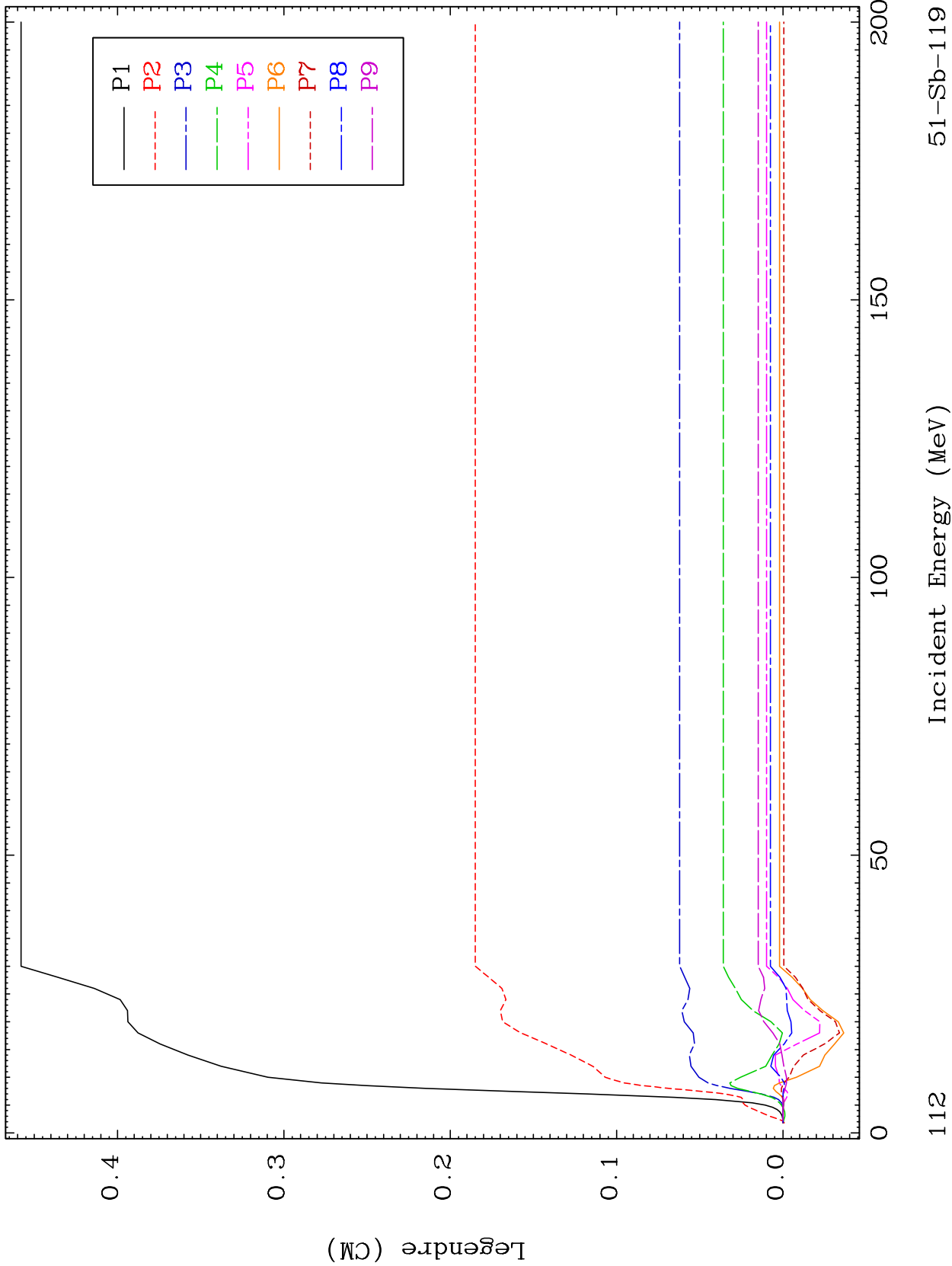
51-Sb-119



MAT 5119

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

51-Sb-119



51-Sb-119

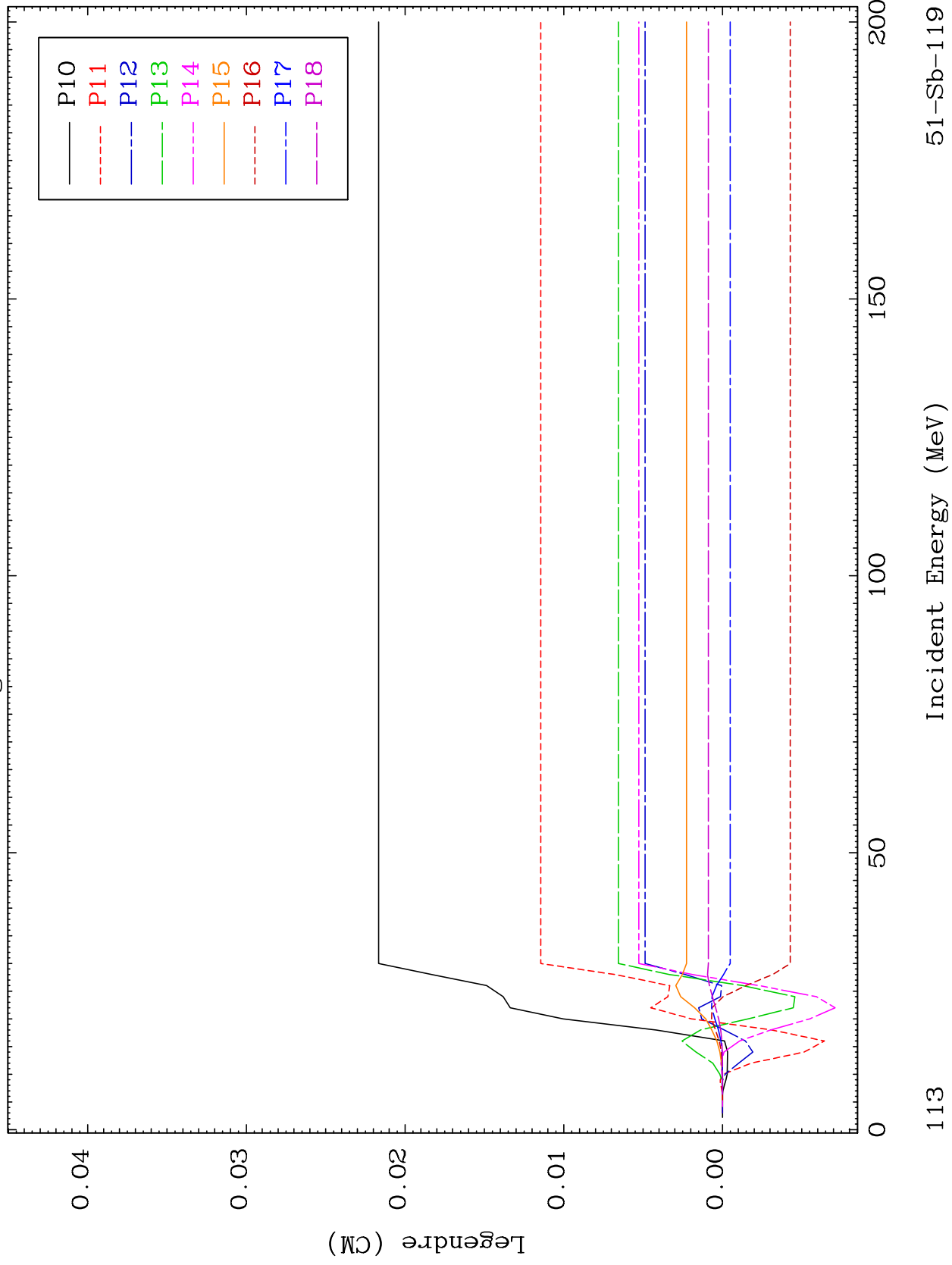
Incident Energy (MeV)

112

MAT 5119

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

51-Sb-119



51-Sb-119

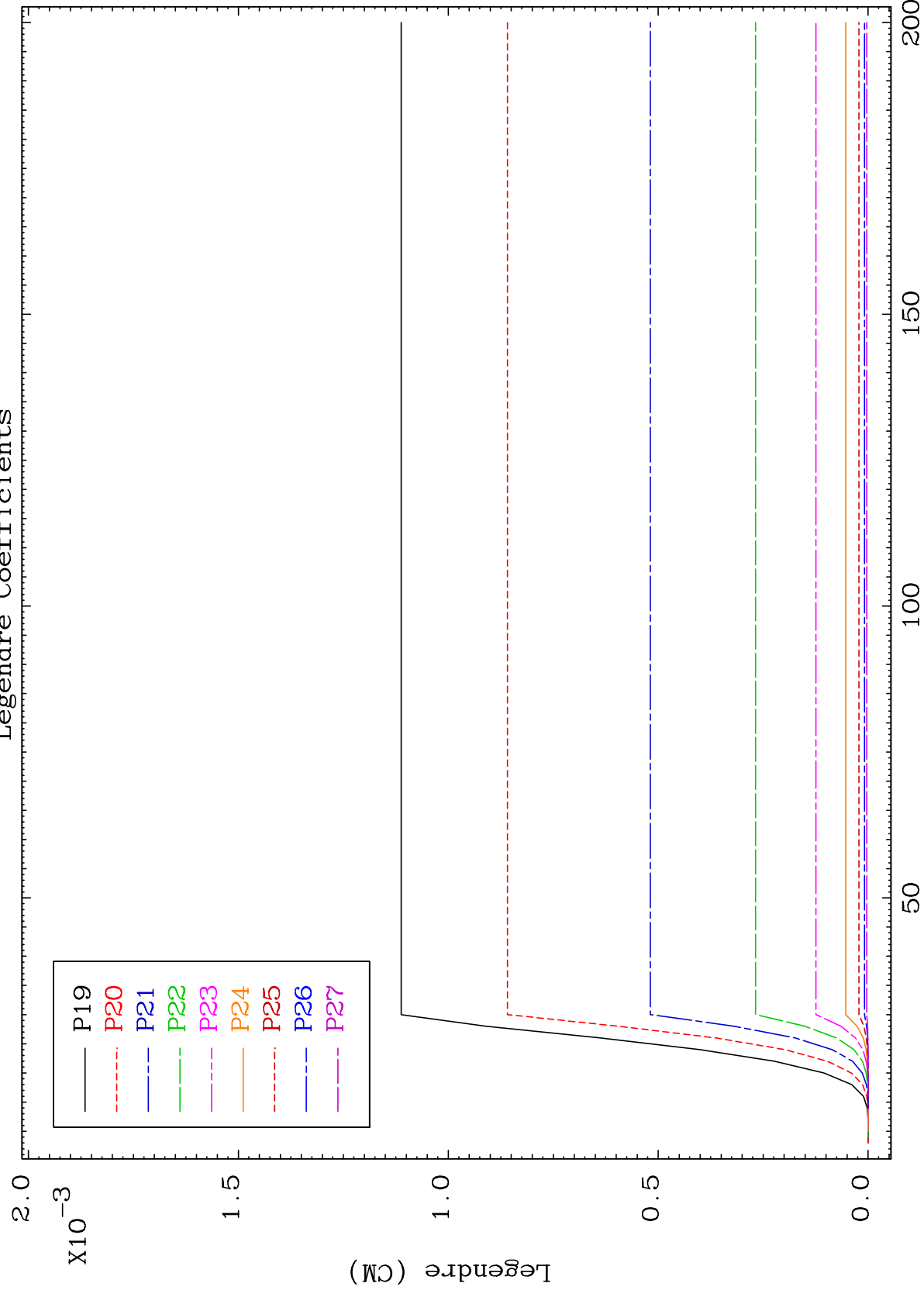
Incident Energy (MeV)

113

MAT 51119

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

51-Sb-119



114

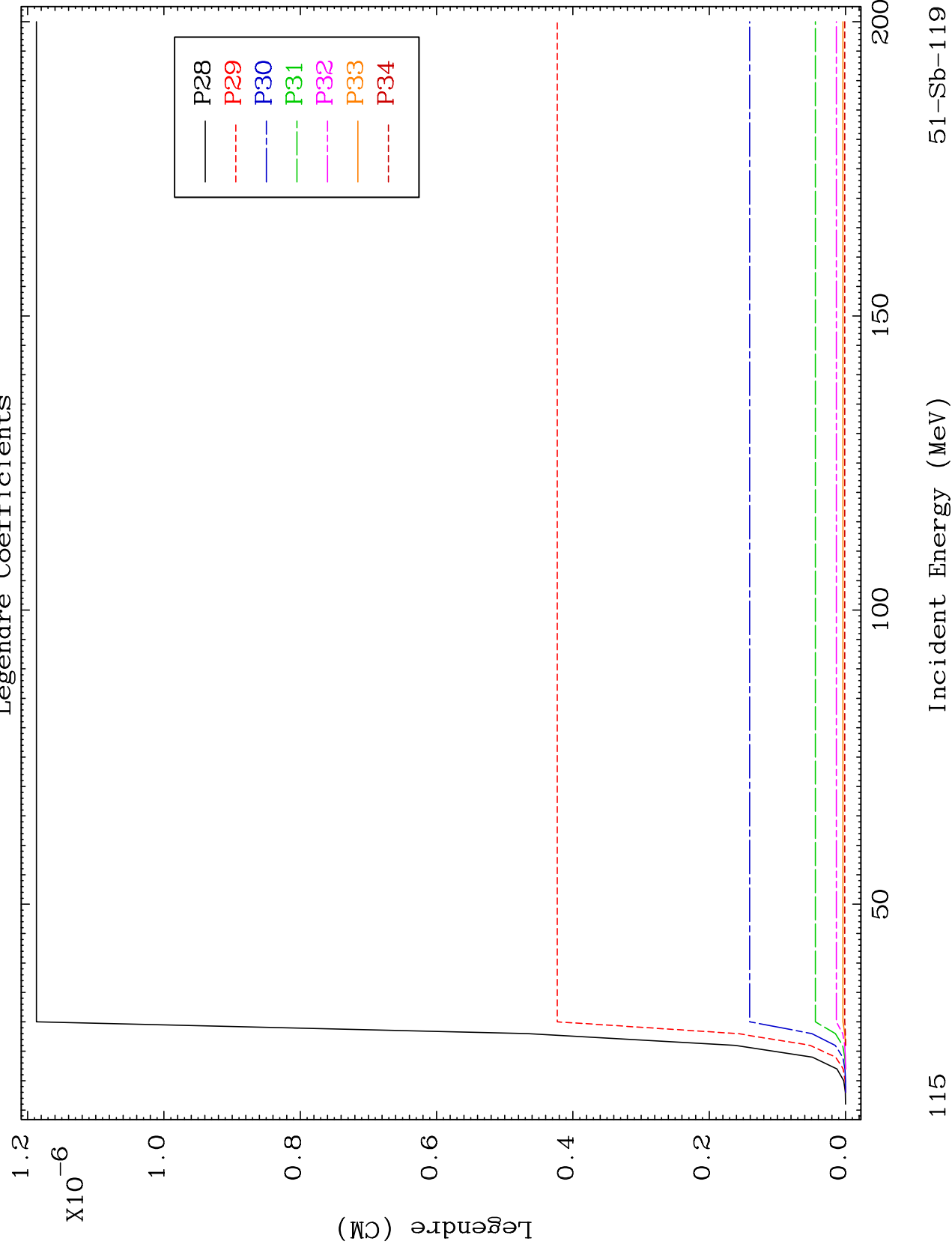
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

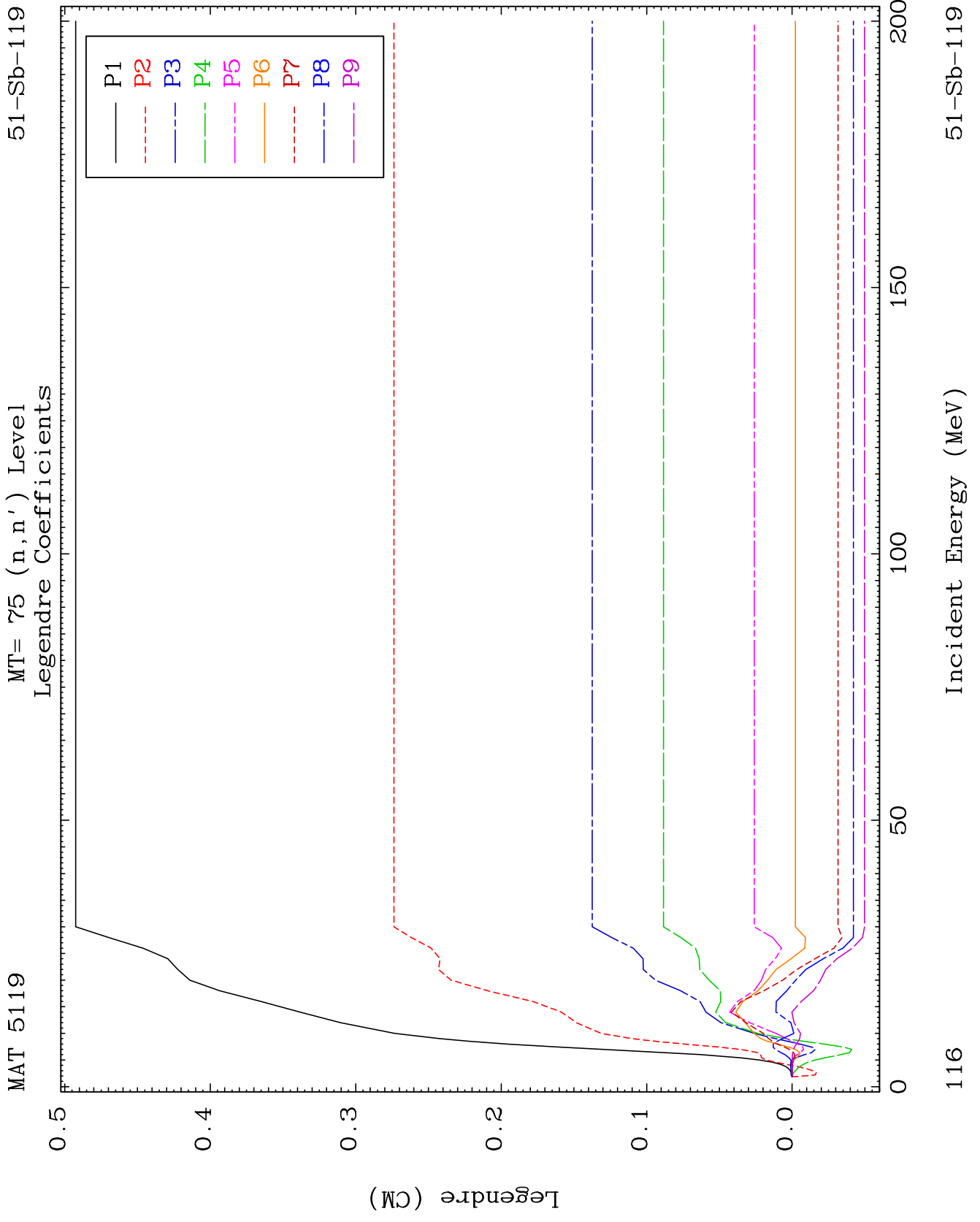
51-Sb-119



115

Incident Energy (MeV)

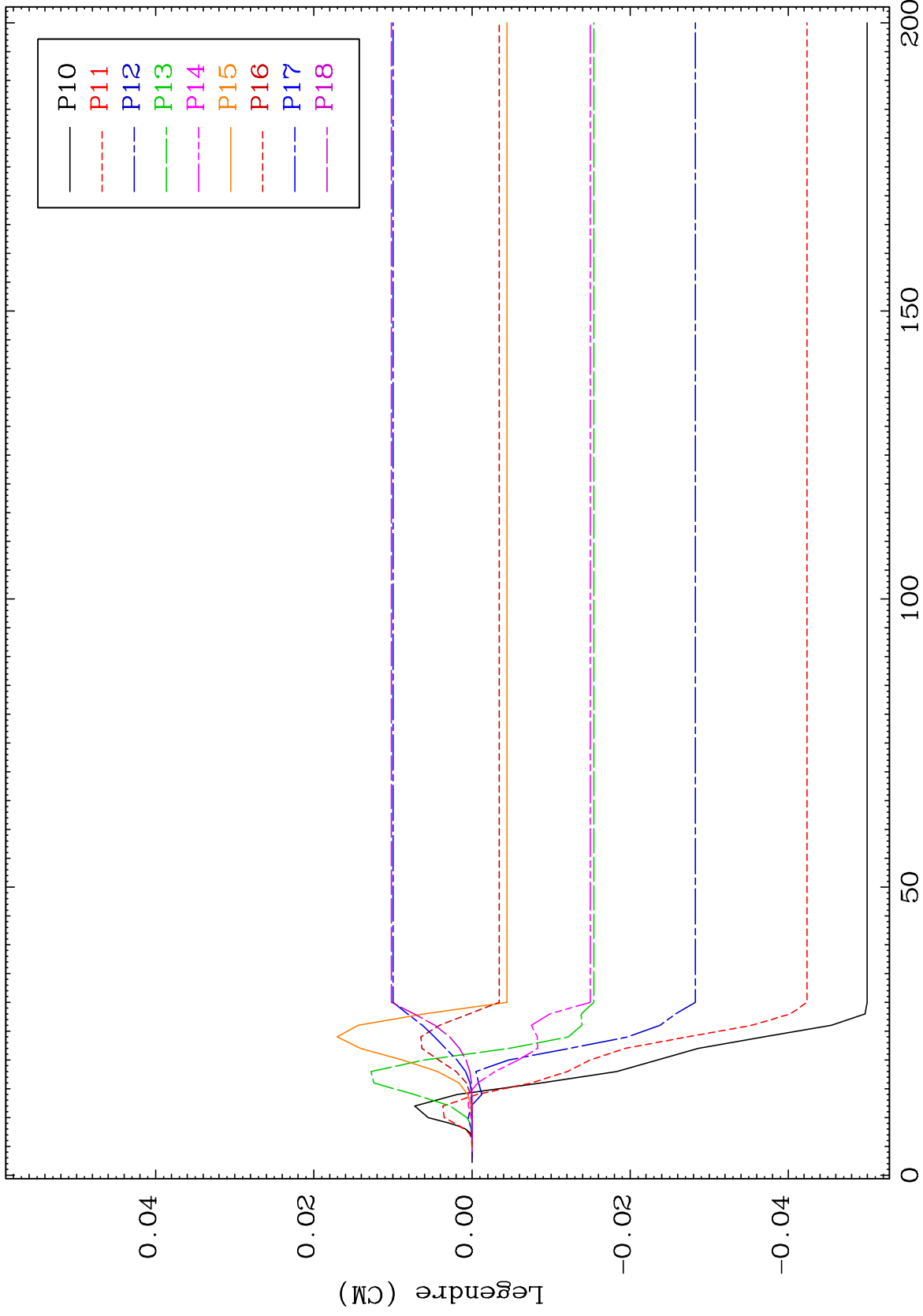
51-Sb-119



MAT 5119

MT= 75 (n,n') Level  
Legendre Coefficients

51-Sb-119



117

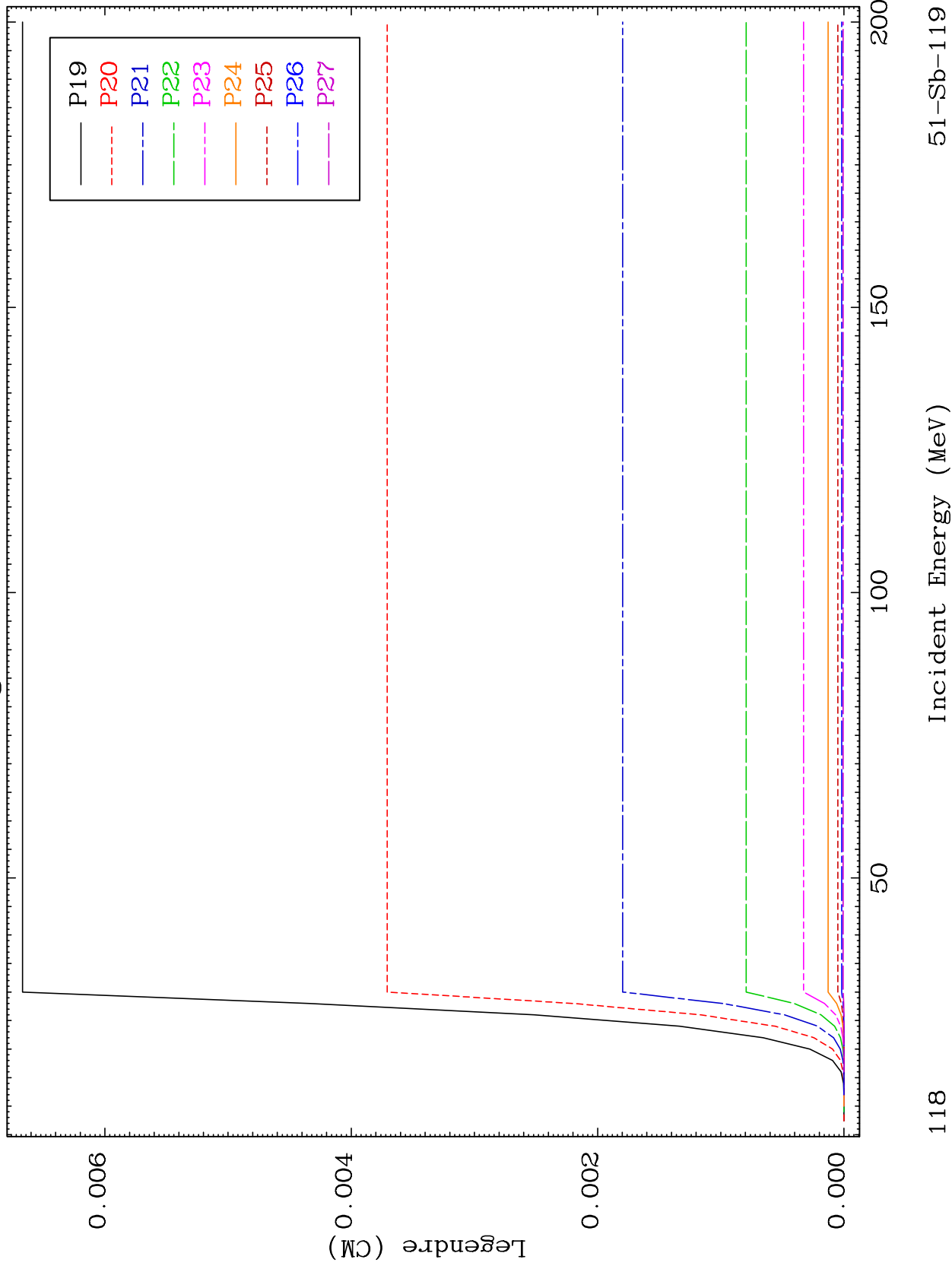
Incident Energy (MeV)

51-Sb-119

MAT 5119

MT= 75 (n,n') Level  
Legendre Coefficients

51-Sb-119



118

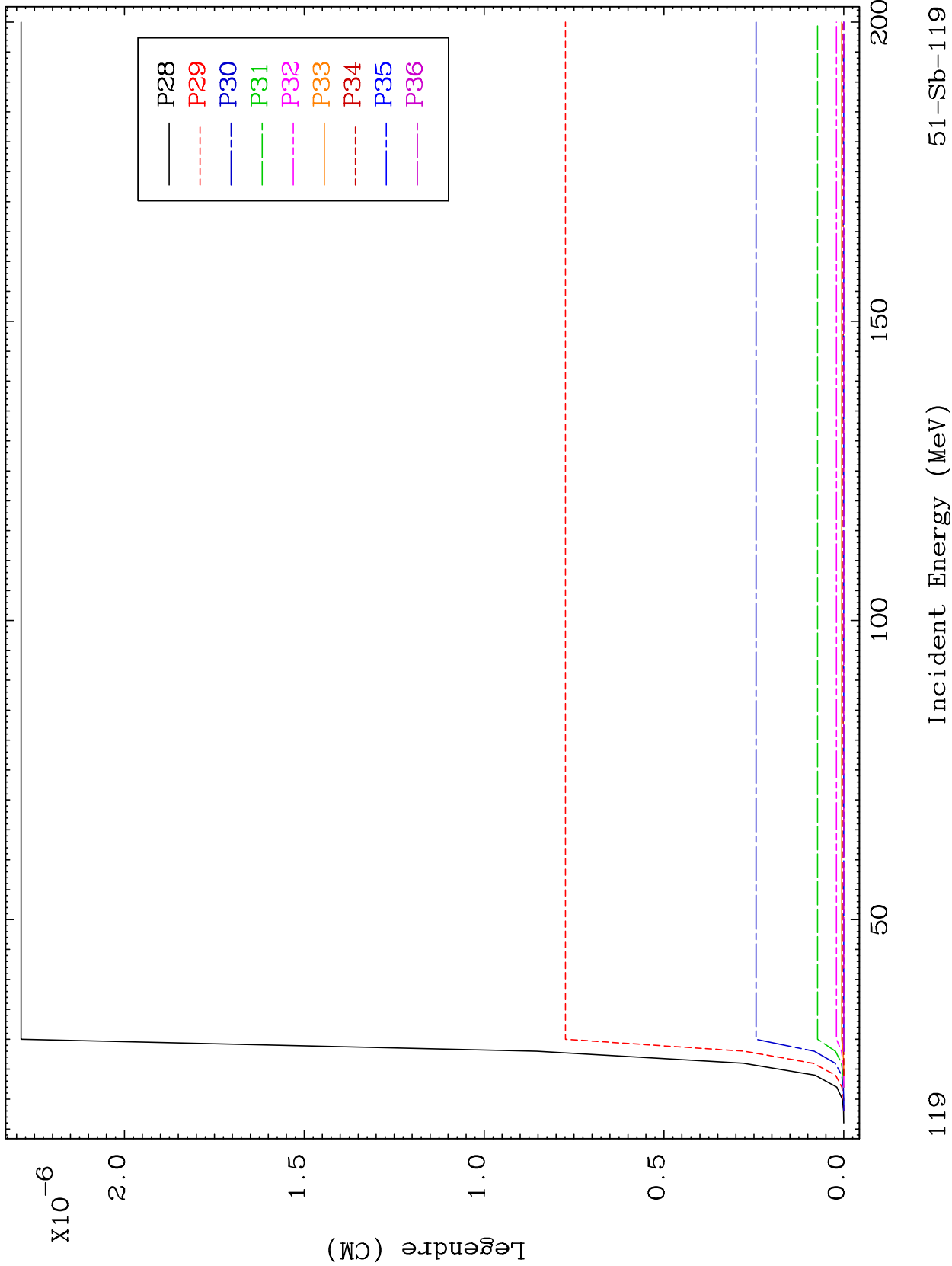
Incident Energy (MeV)

51-Sb-119

MAT 5119

MT= 75 (n,n') Level  
Legendre Coefficients

51-Sb-119



119

Incident Energy (MeV)

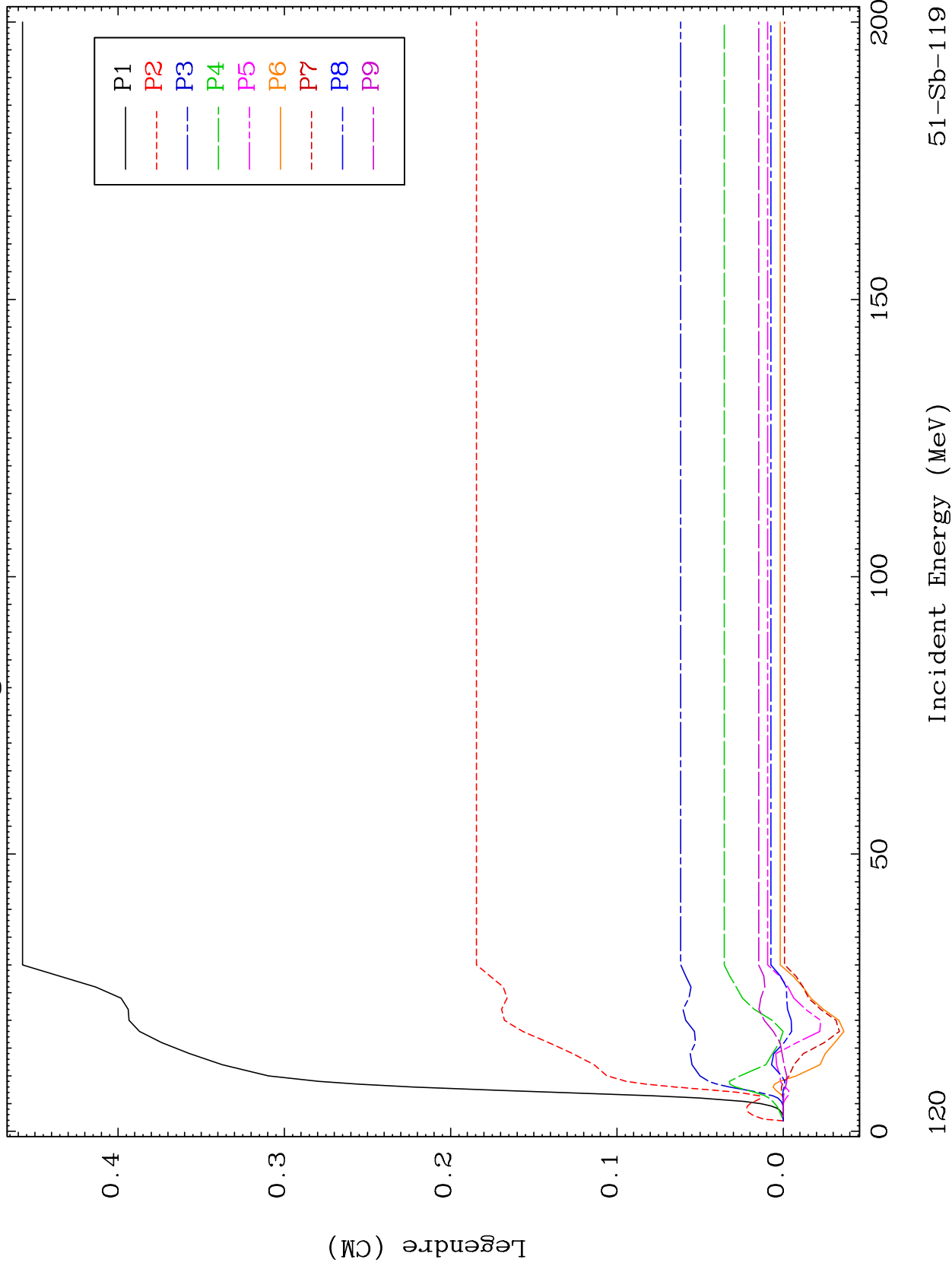
51-Sb-119



MAT 5119

MT= 76 (n,n') Level  
Legendre Coefficients

51-Sb-119



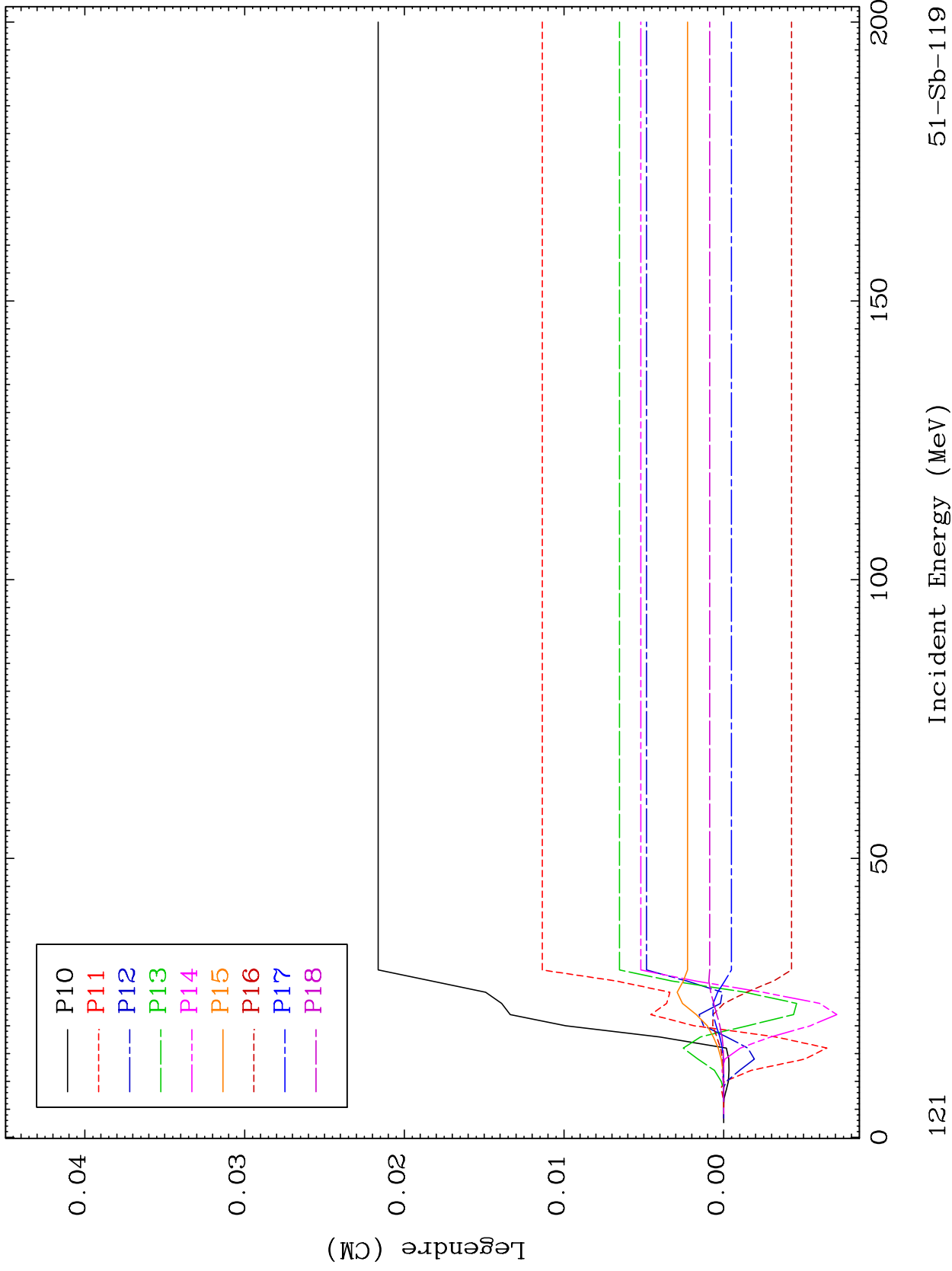
51-Sb-119

Incident Energy (MeV)

MAT 5119

MT= 76 (n,n') Level  
Legendre Coefficients

51-Sb-119



121

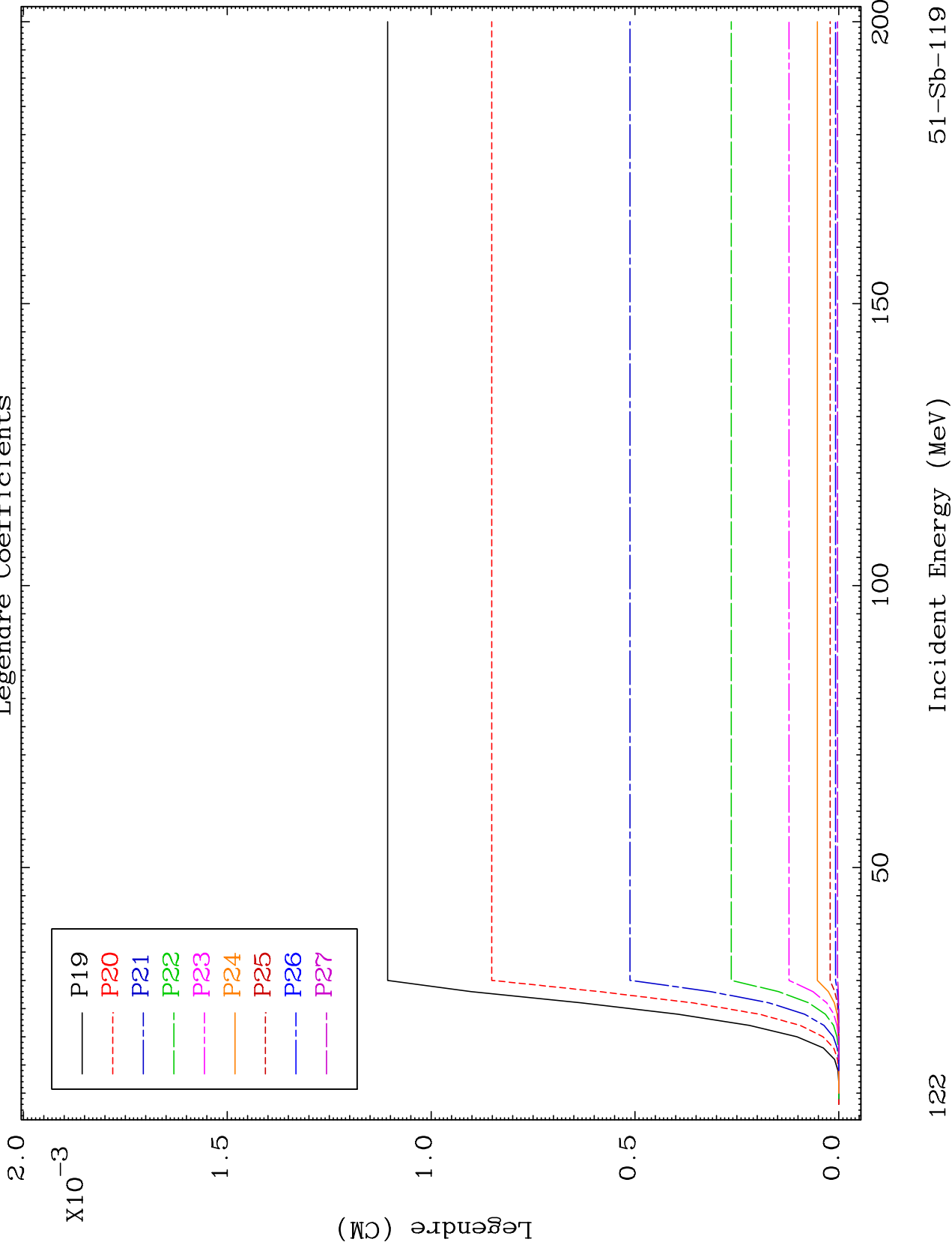
Incident Energy (MeV)

51-Sb-119

MAT 51119

MT= 76 (n,n') Level  
Legendre Coefficients

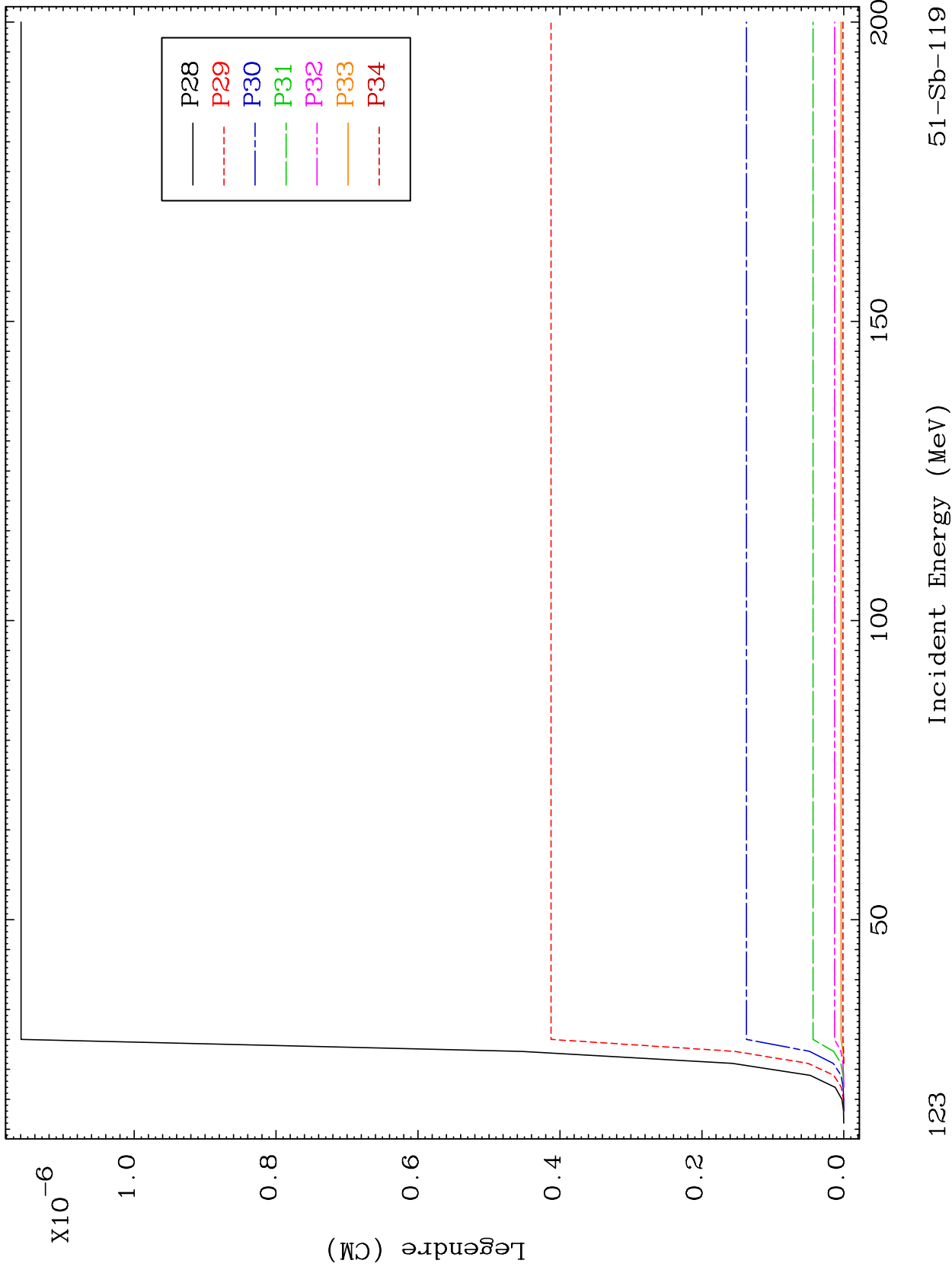
51-Sb-119

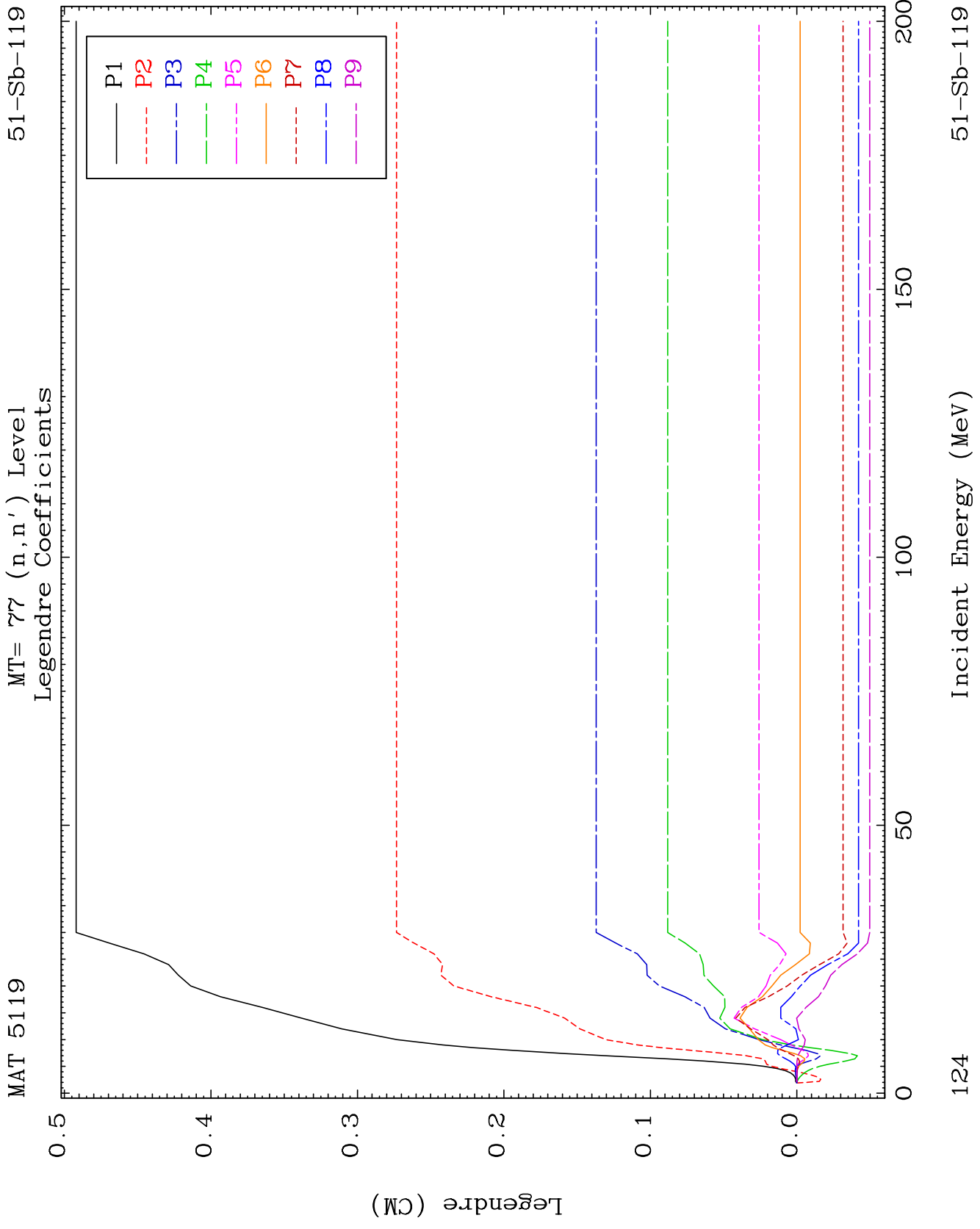


122

Incident Energy (MeV)

51-Sb-119

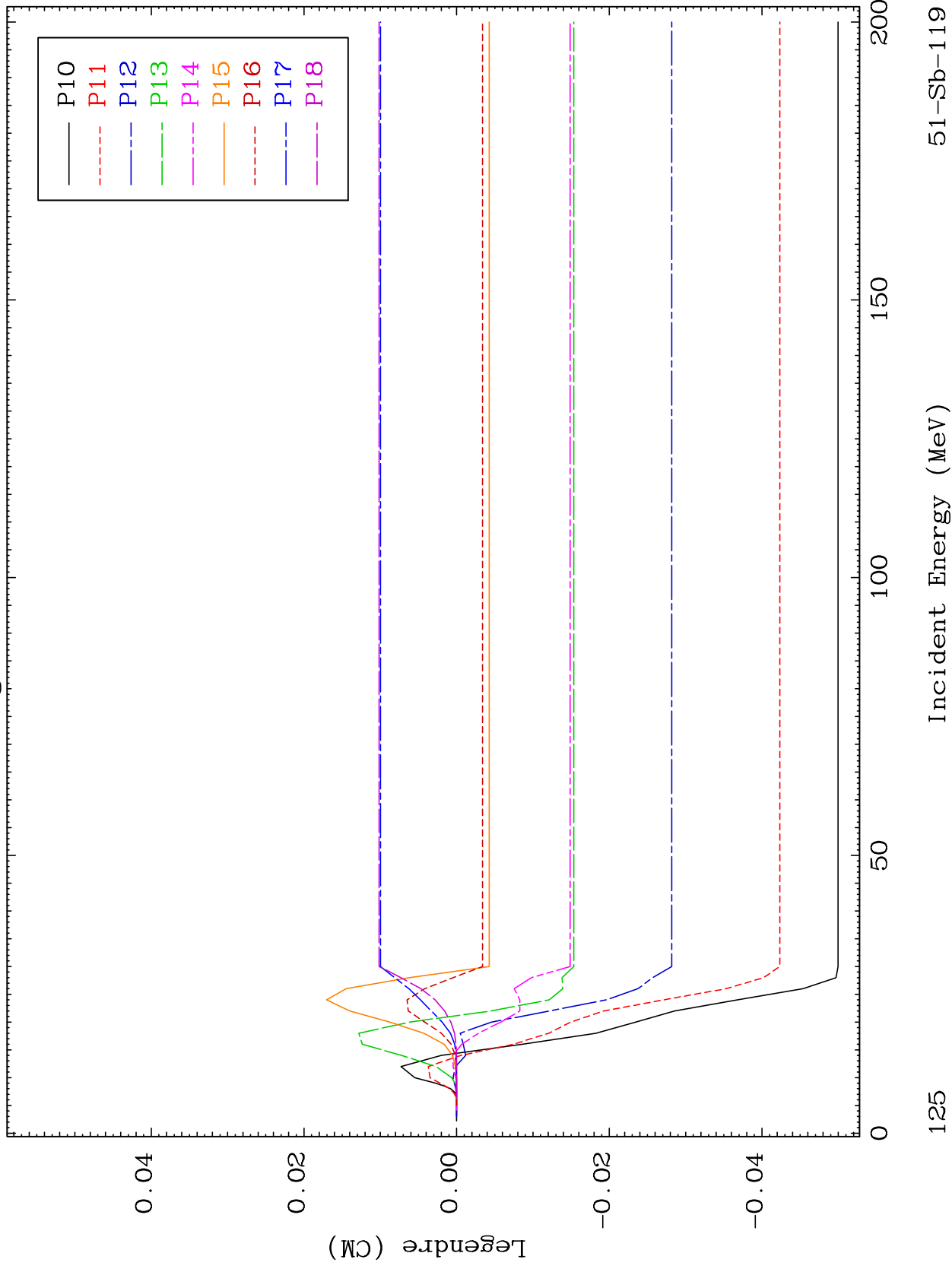




MAT 5119

MT= 77 (n,n') Level  
Legendre Coefficients

51-Sb-119



51-Sb-119

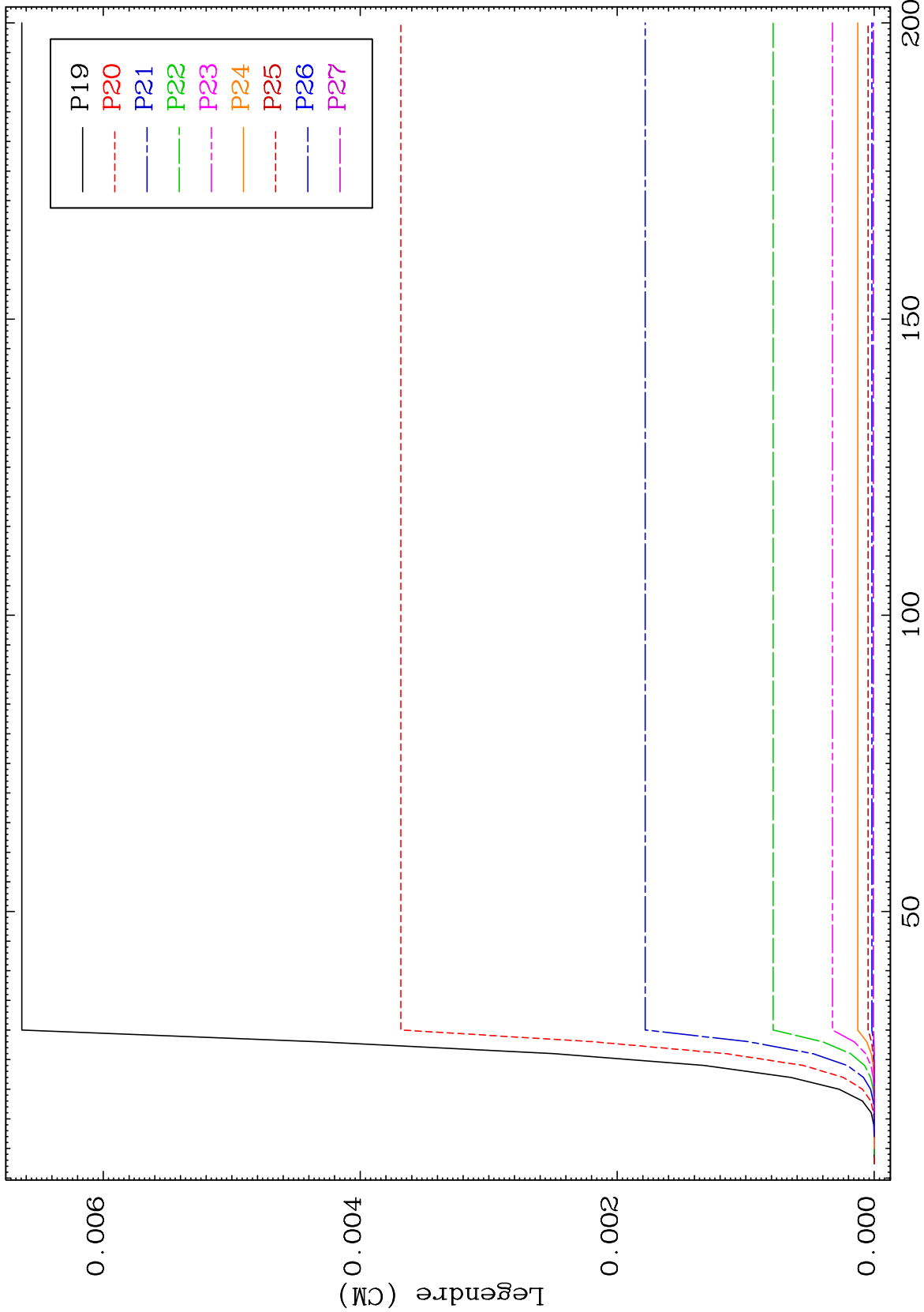
Incident Energy (MeV)

125

MAT 5119

MT= 77 (n,n') Level  
Legendre Coefficients

51-Sb-119



126

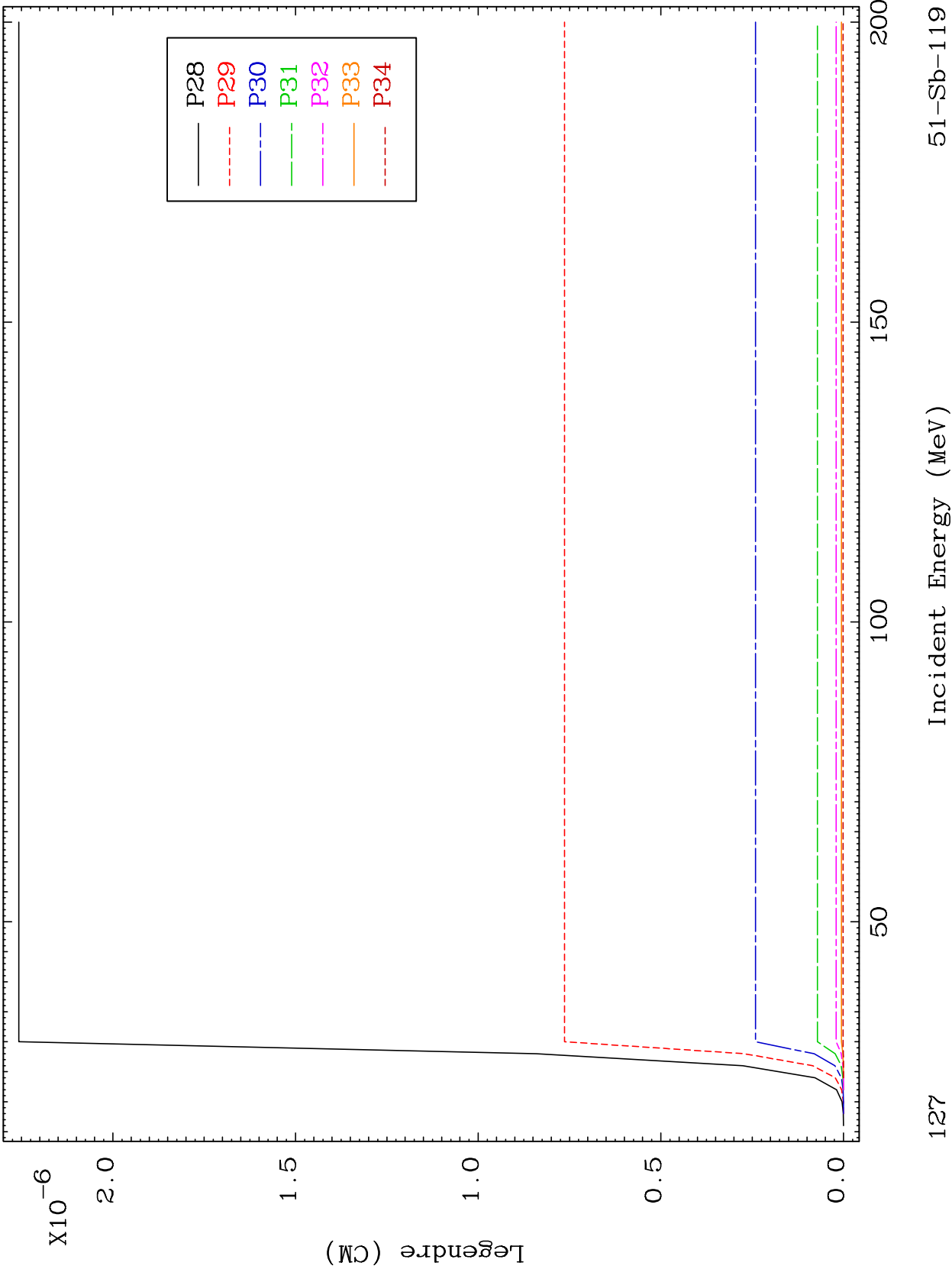
Incident Energy (MeV)

51-Sb-119

MAT 5119

MT= 77 (n,n') Level  
Legendre Coefficients

51-Sb-119



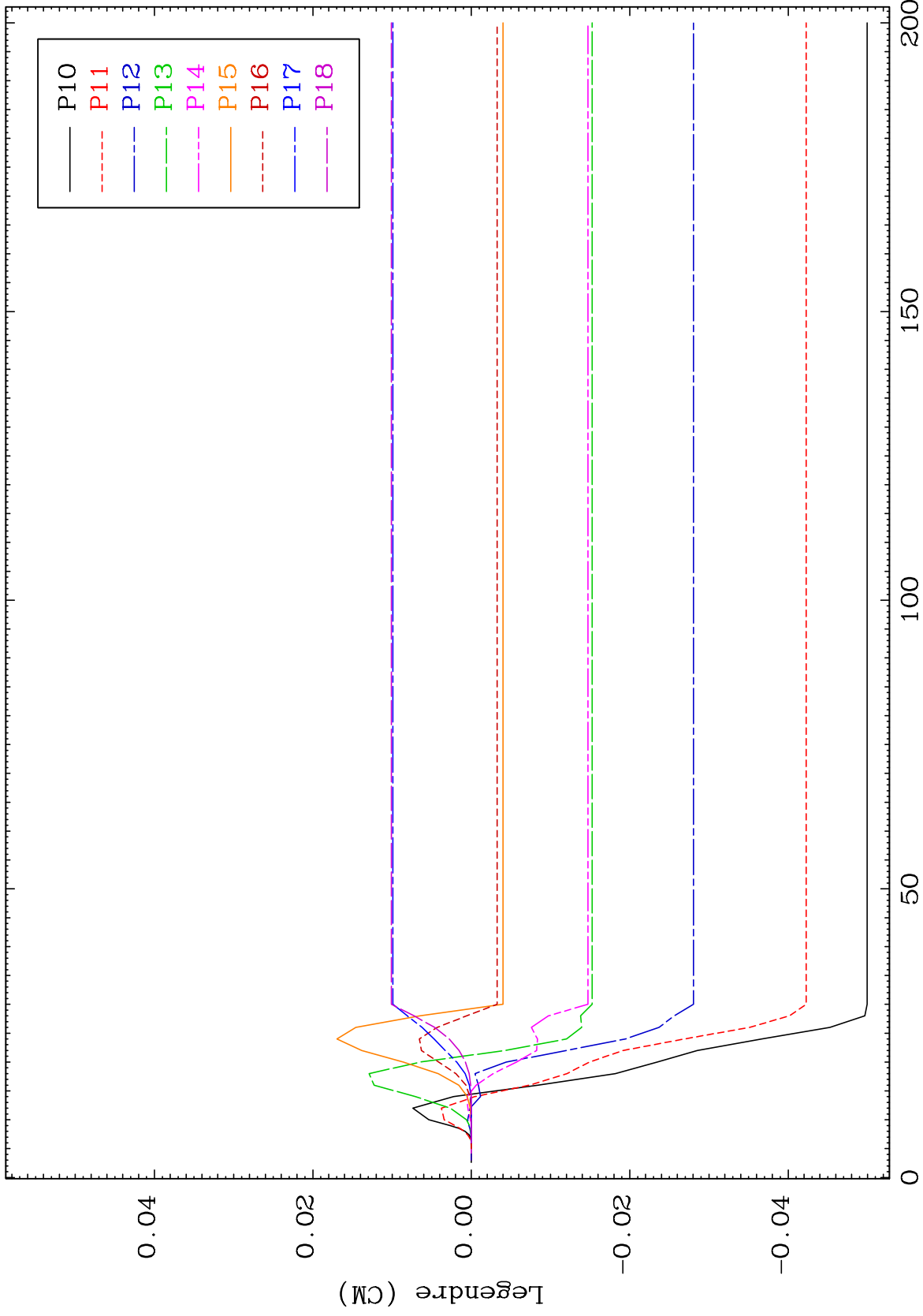




MAT 5119

MT= 78 (n,n') Level  
Legendre Coefficients

51-Sb-119



129

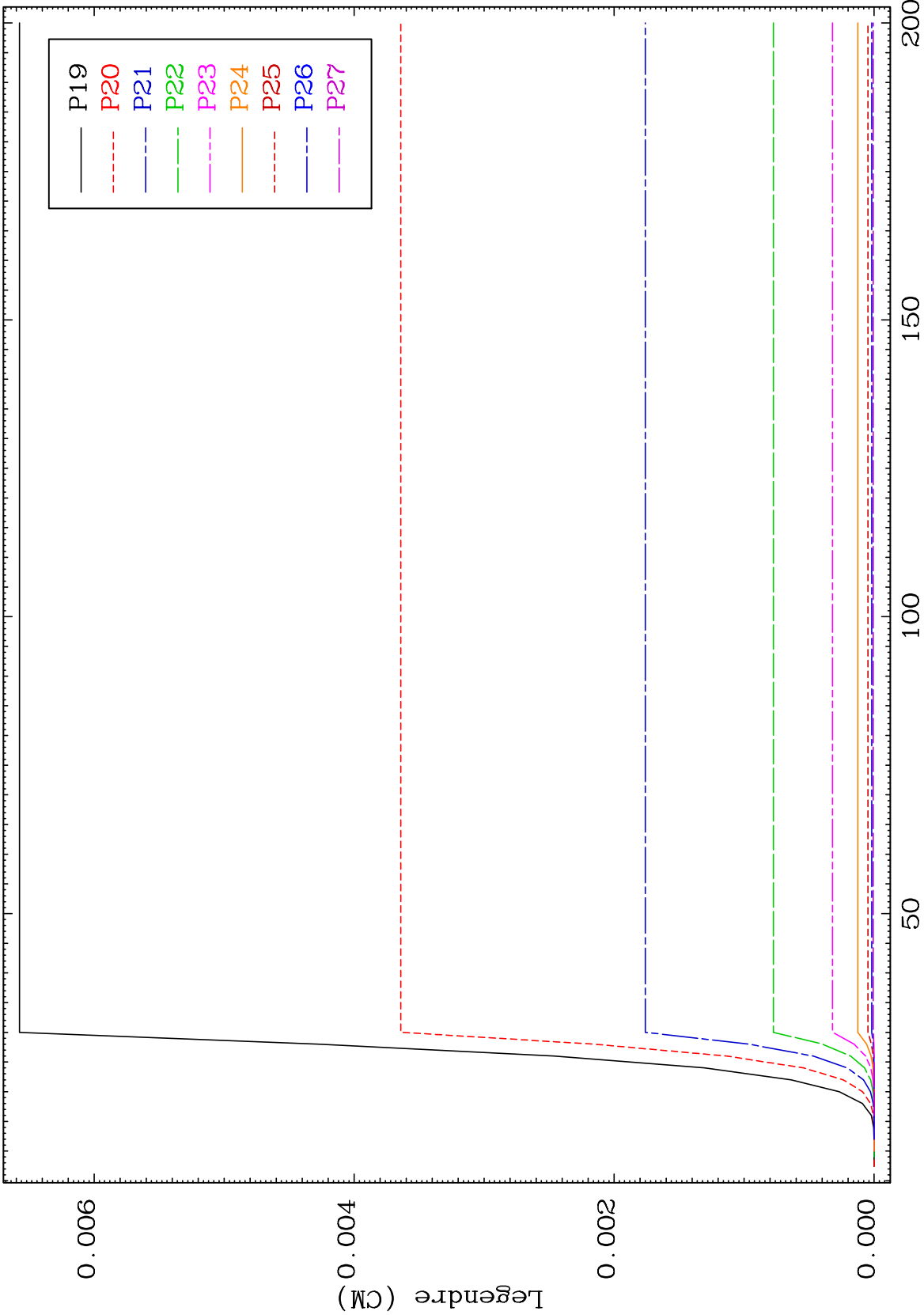
Incident Energy (MeV)

51-Sb-119

MAT 5119

MT= 78 (n,n') Level  
Legendre Coefficients

51-Sb-119



130

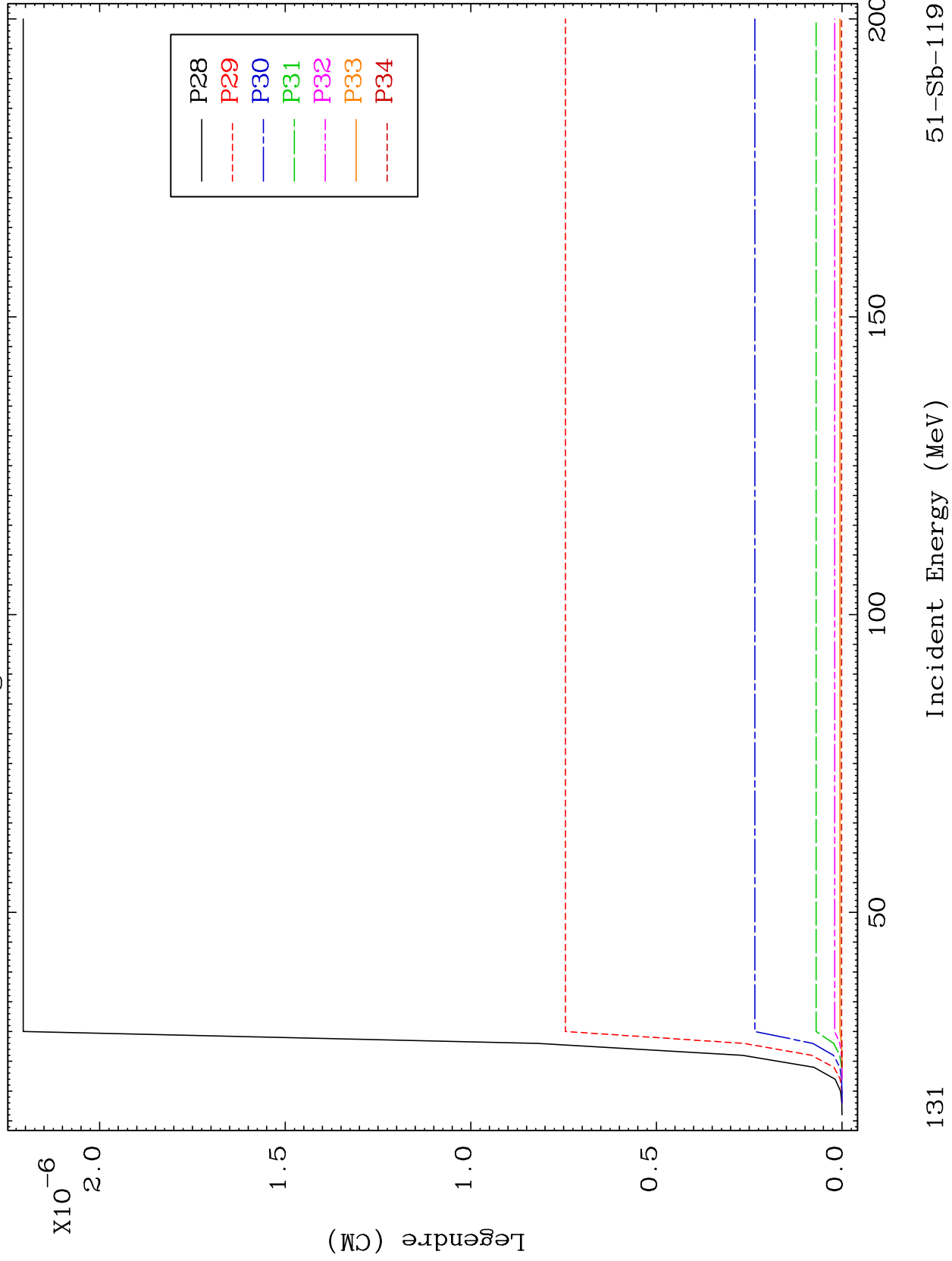
Incident Energy (MeV)

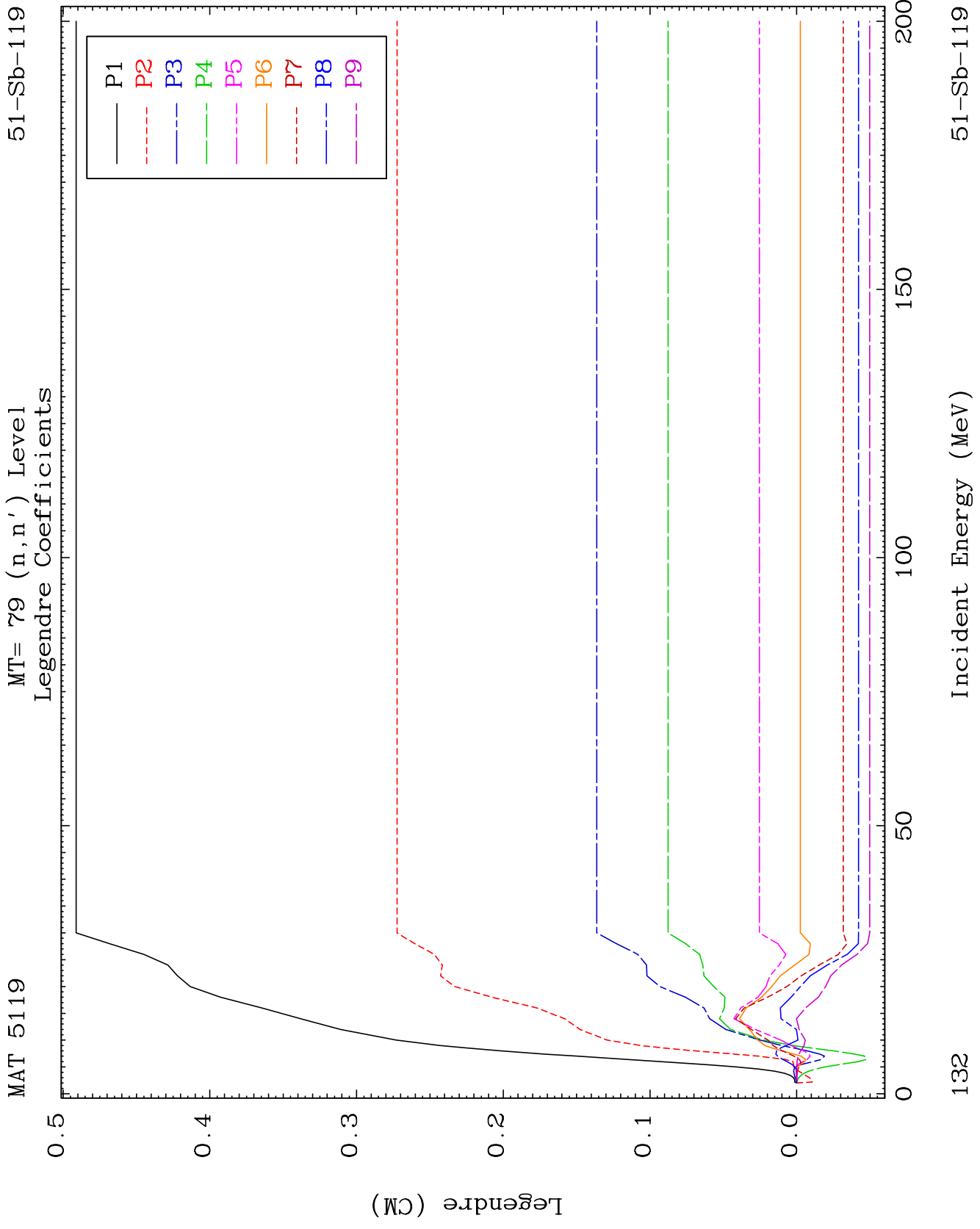
51-Sb-119

MAT 5119

MT= 78 (n,n') Level  
Legendre Coefficients

51-Sb-119

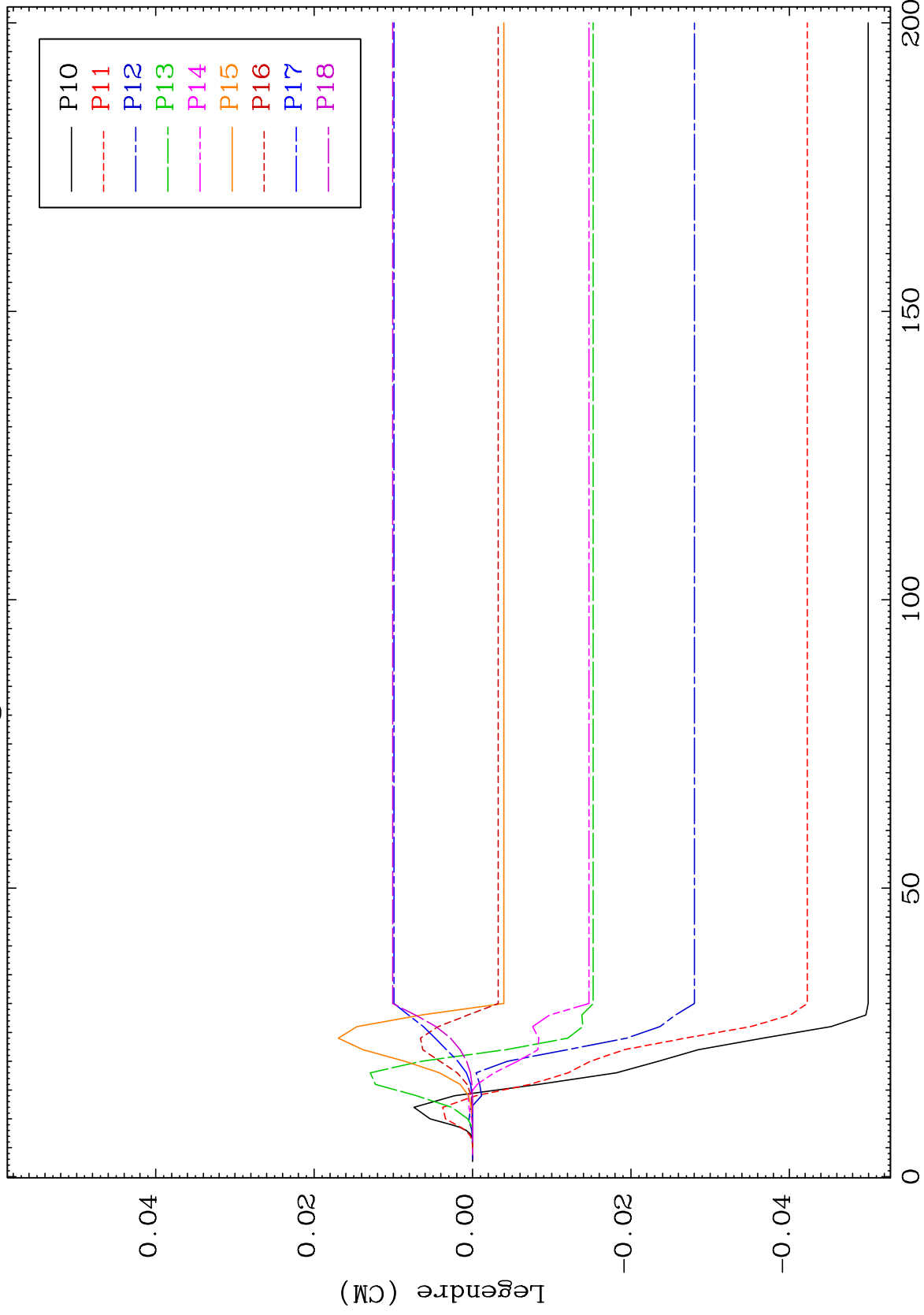




MAT 5119

MT= 79 (n,n') Level  
Legendre Coefficients

51-Sb-119



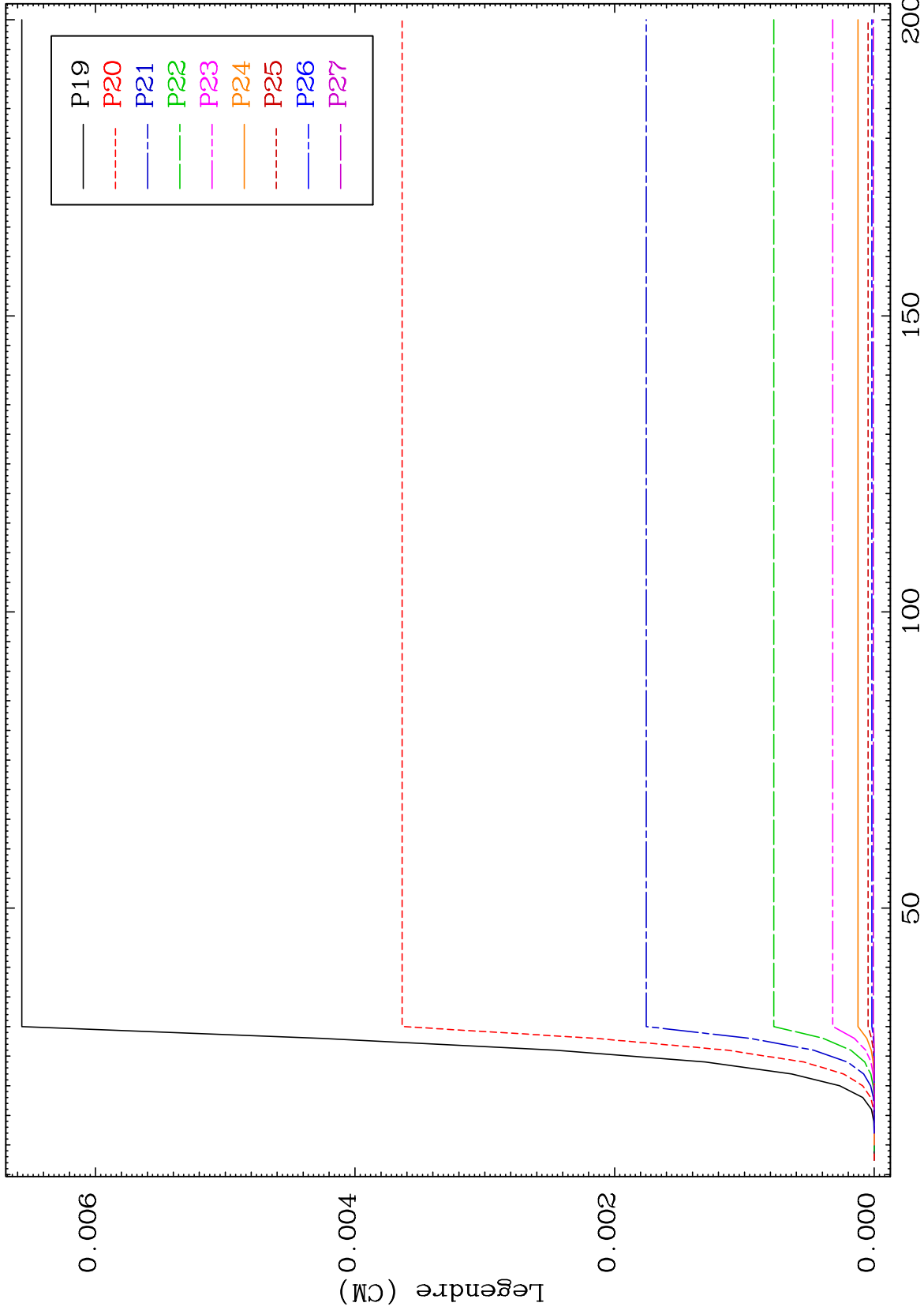
133

51-Sb-119

MAT 5119

MT= 79 (n,n') Level  
Legendre Coefficients

51-Sb-119



134

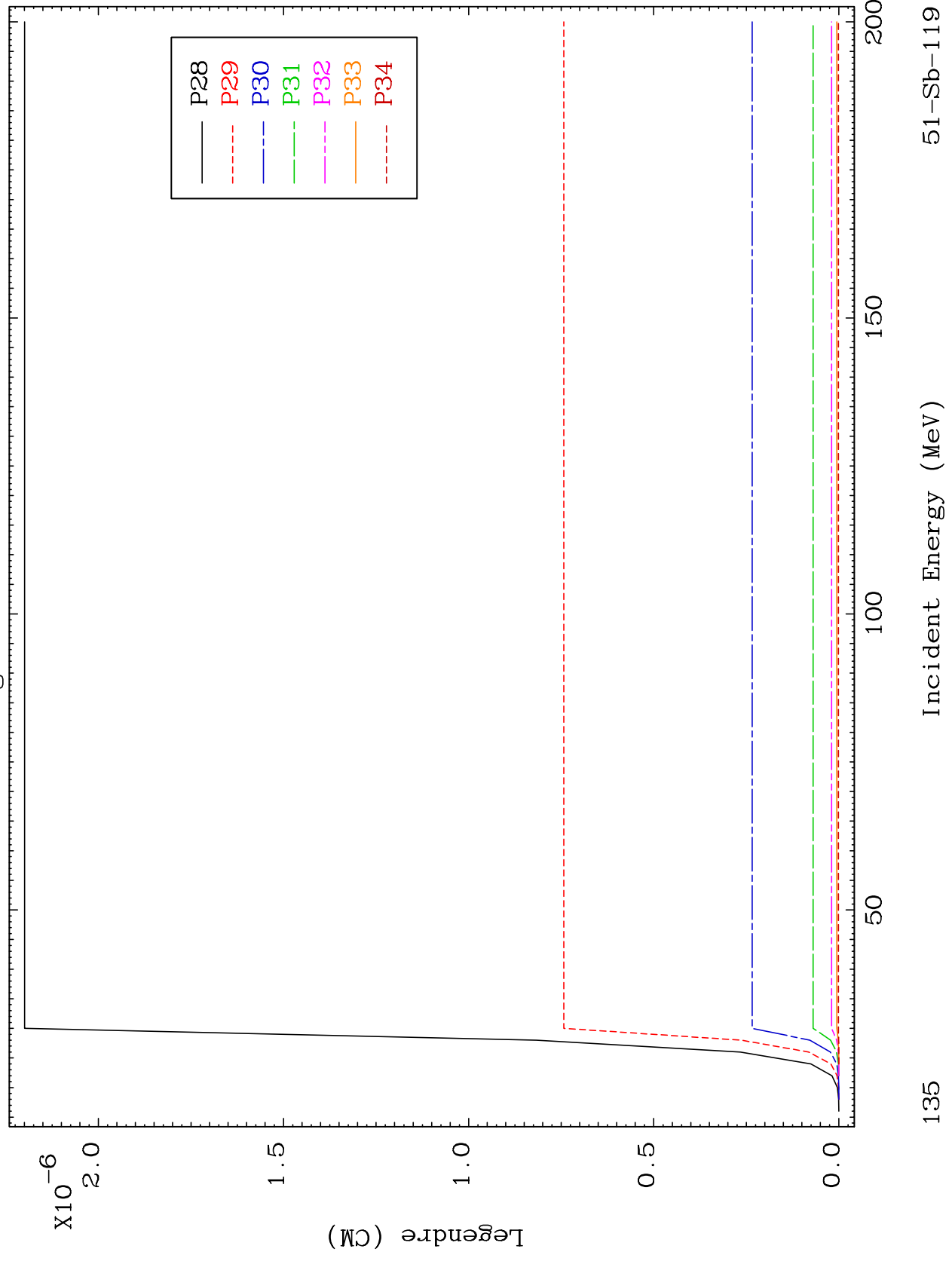
Incident Energy (MeV)

51-Sb-119

MAT 5119

MT= 79 (n,n') Level  
Legendre Coefficients

51-Sb-119



51-Sb-119

Incident Energy (MeV)

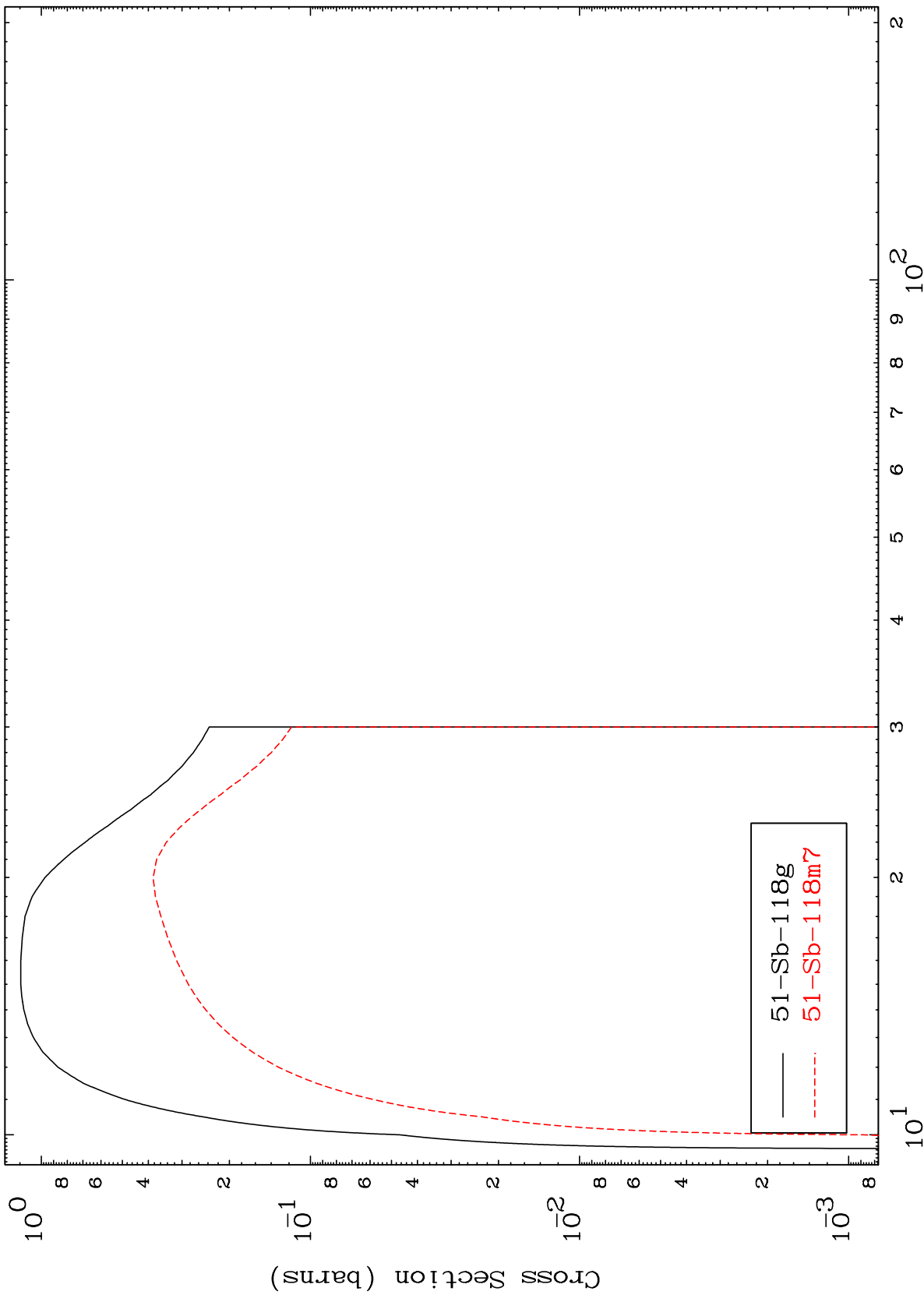
135



MAT 5119

51-Sb-119

Radionuclide Production Cross Section  
(n,2n)



51-Sb-119

Incident Energy (MeV)

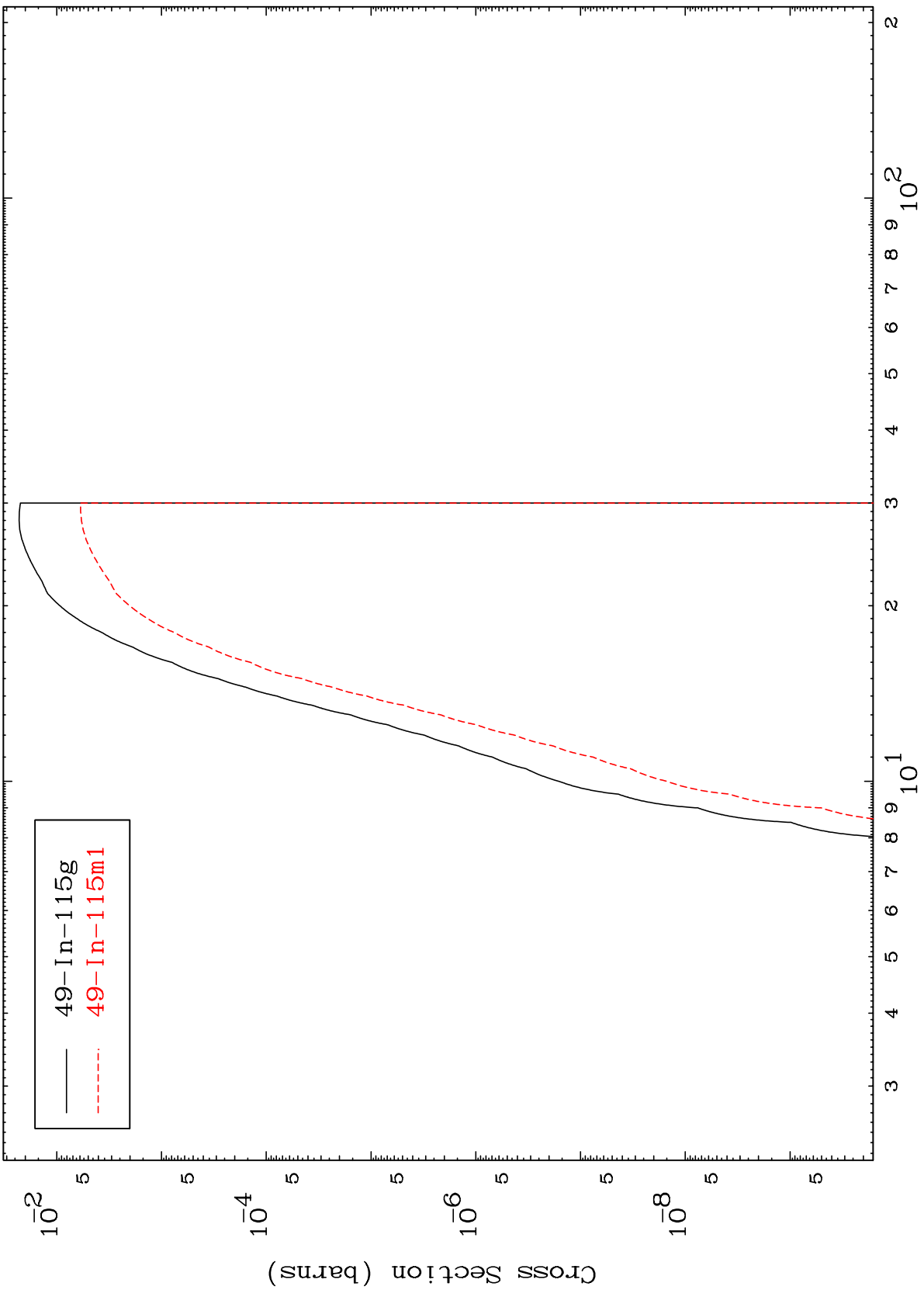
136

MAT 5119

51-Sb-119

(n,n')  $\alpha$

Radionuclide Production Cross Section

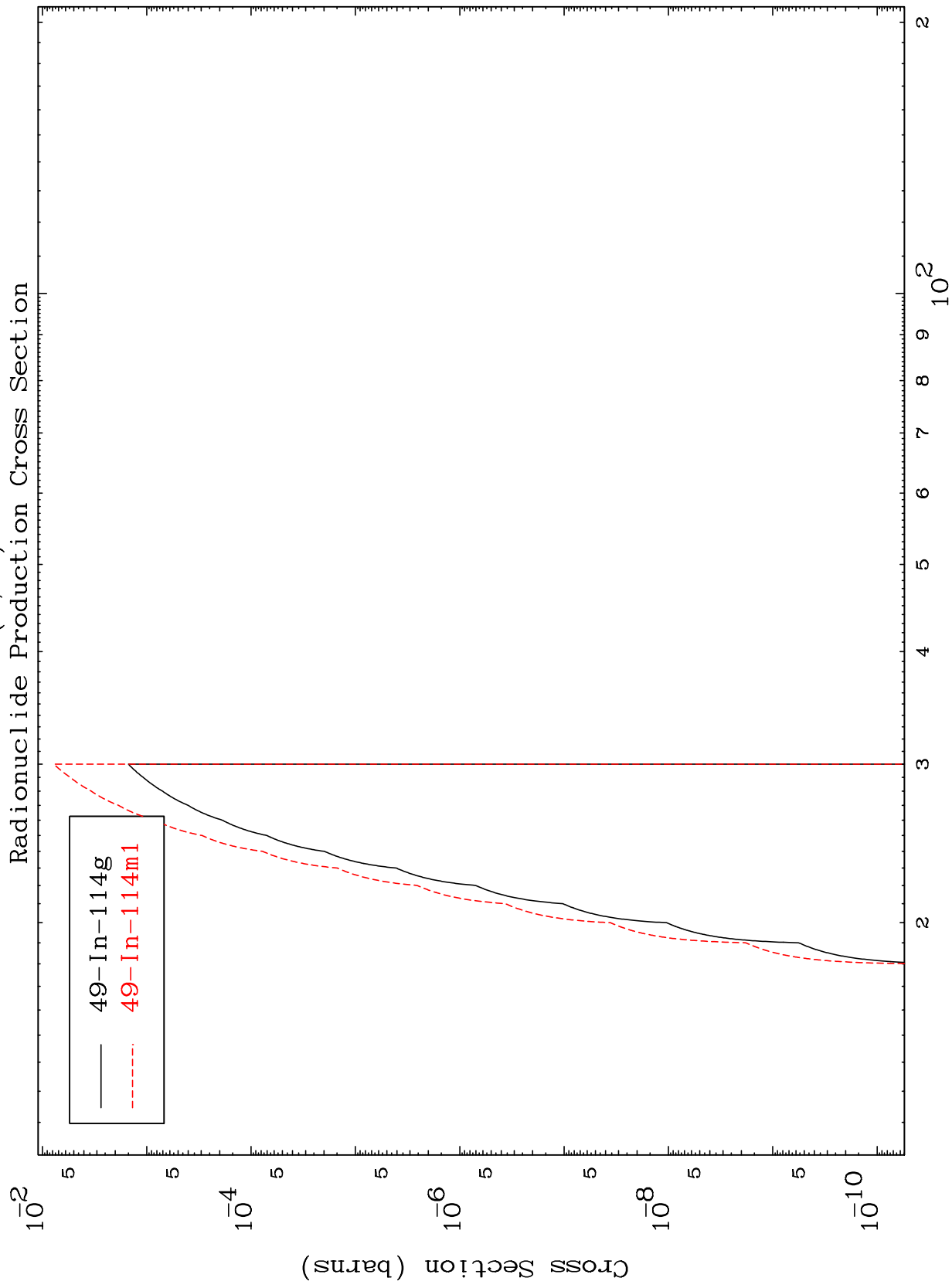


— 49-In-115g  
- - - 49-In-115m1

137

Incident Energy (MeV)

51-Sb-119

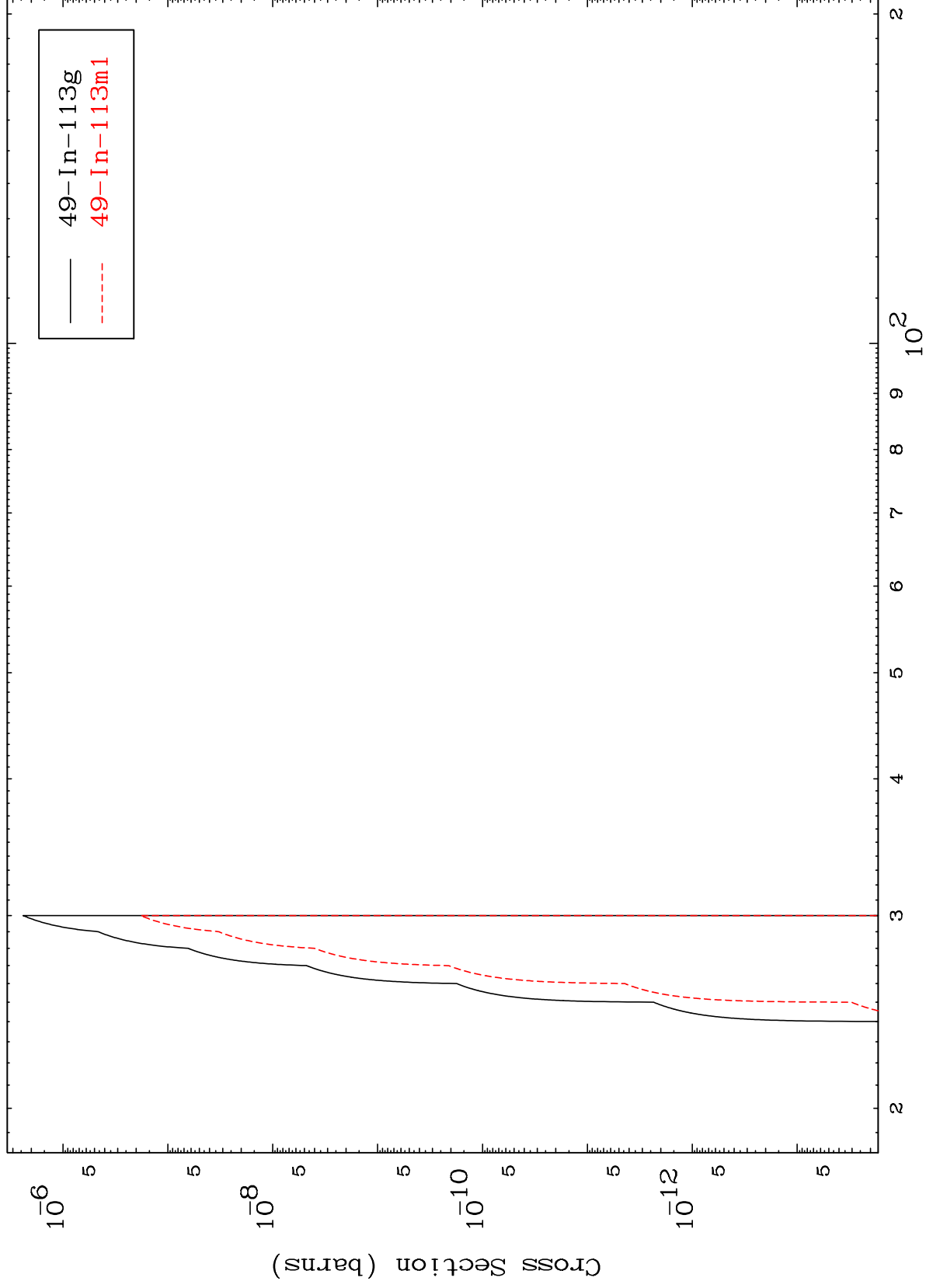


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(n,3n)  $\alpha$

51-Sb-119

Radionuclide Production Cross Section



139

Incident Energy (MeV)

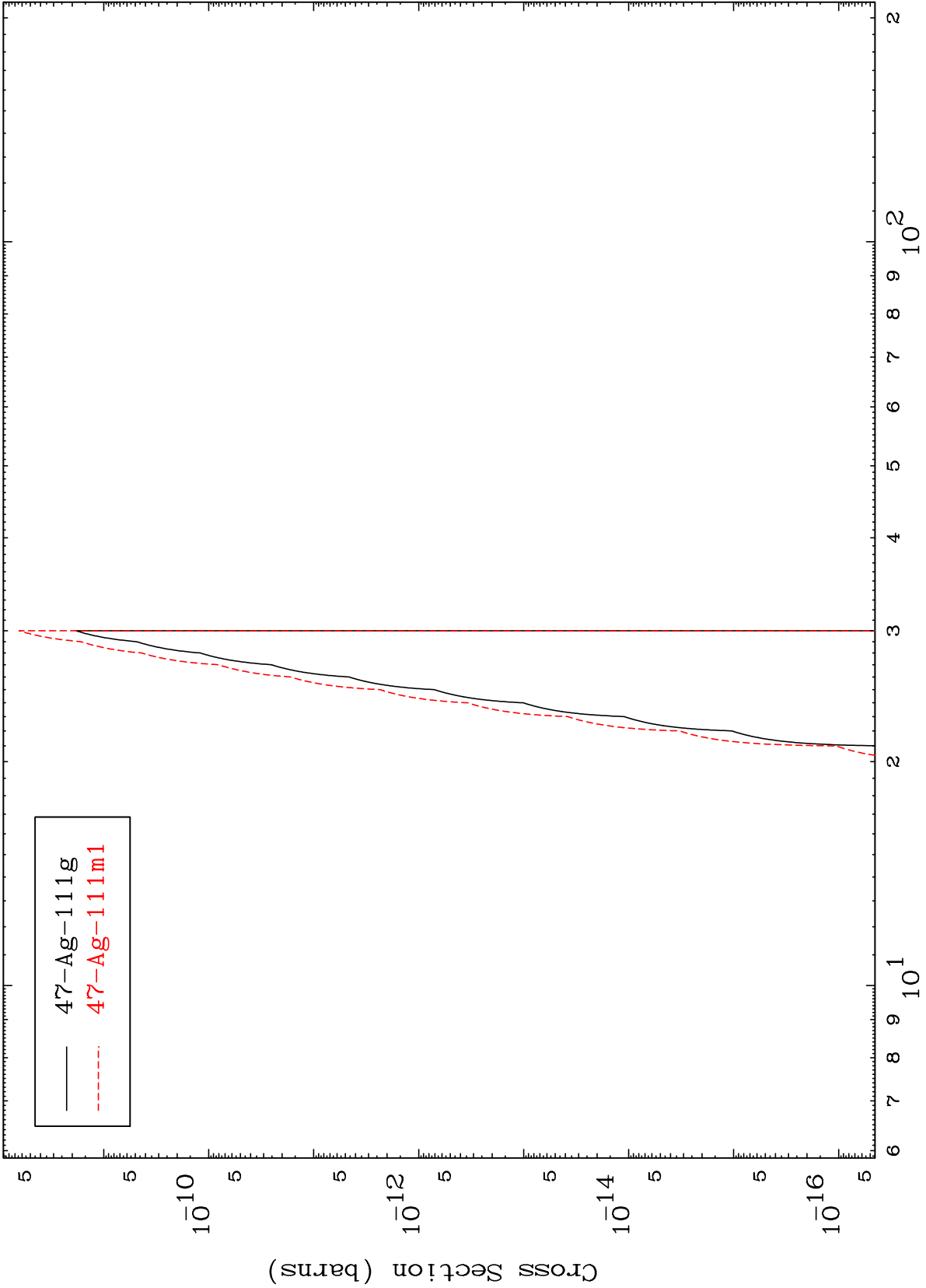
51-Sb-119

MAT 5119

(n,n') 2α

51-Sb-119

Radionuclide Production Cross Section



— 47-Ag-111g  
- - - 47-Ag-111m1

140

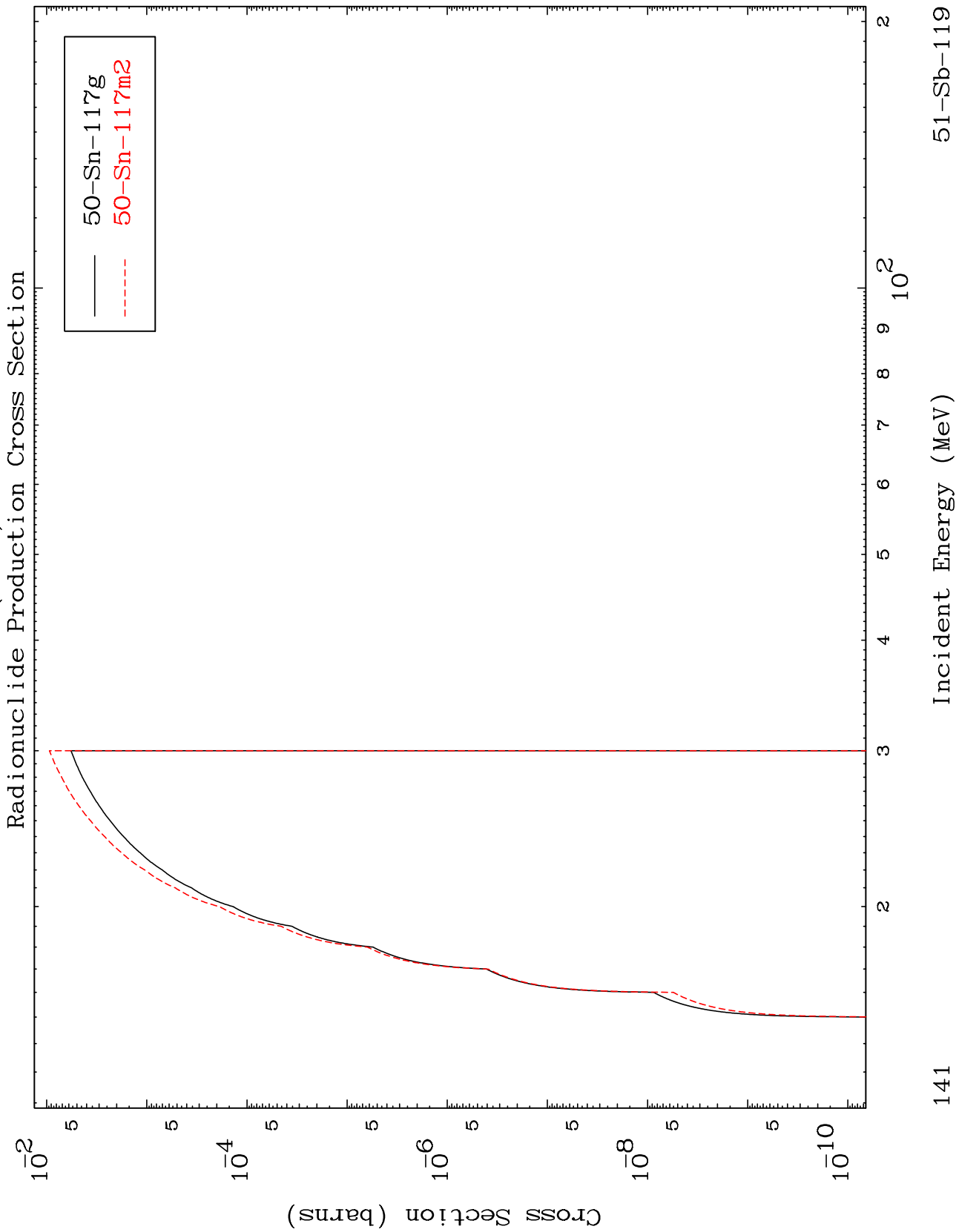
Incident Energy (MeV)

51-Sb-119

MAT 5119

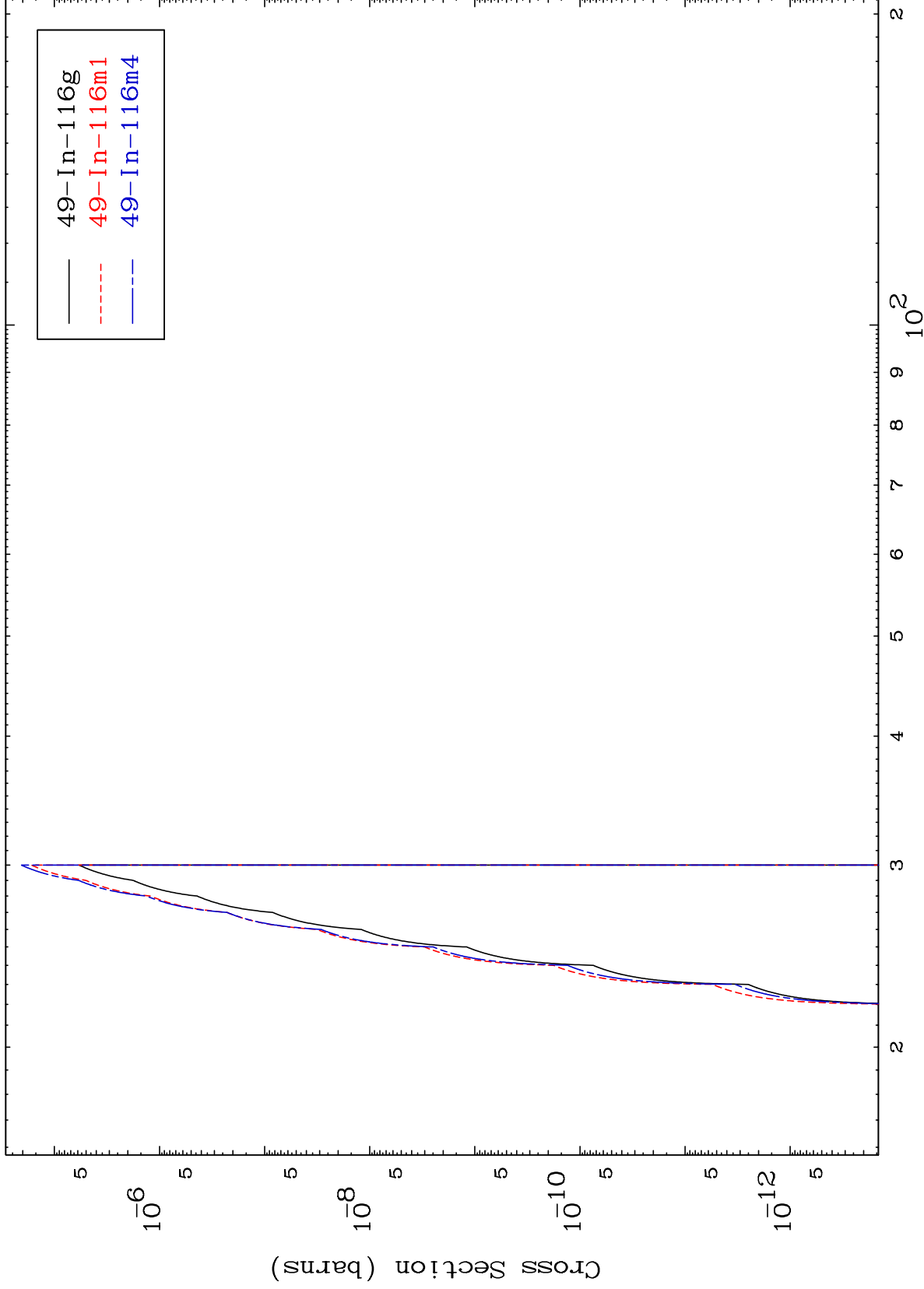
(n,n') d

51-Sb-119



141

Radionuclide Production Cross Section

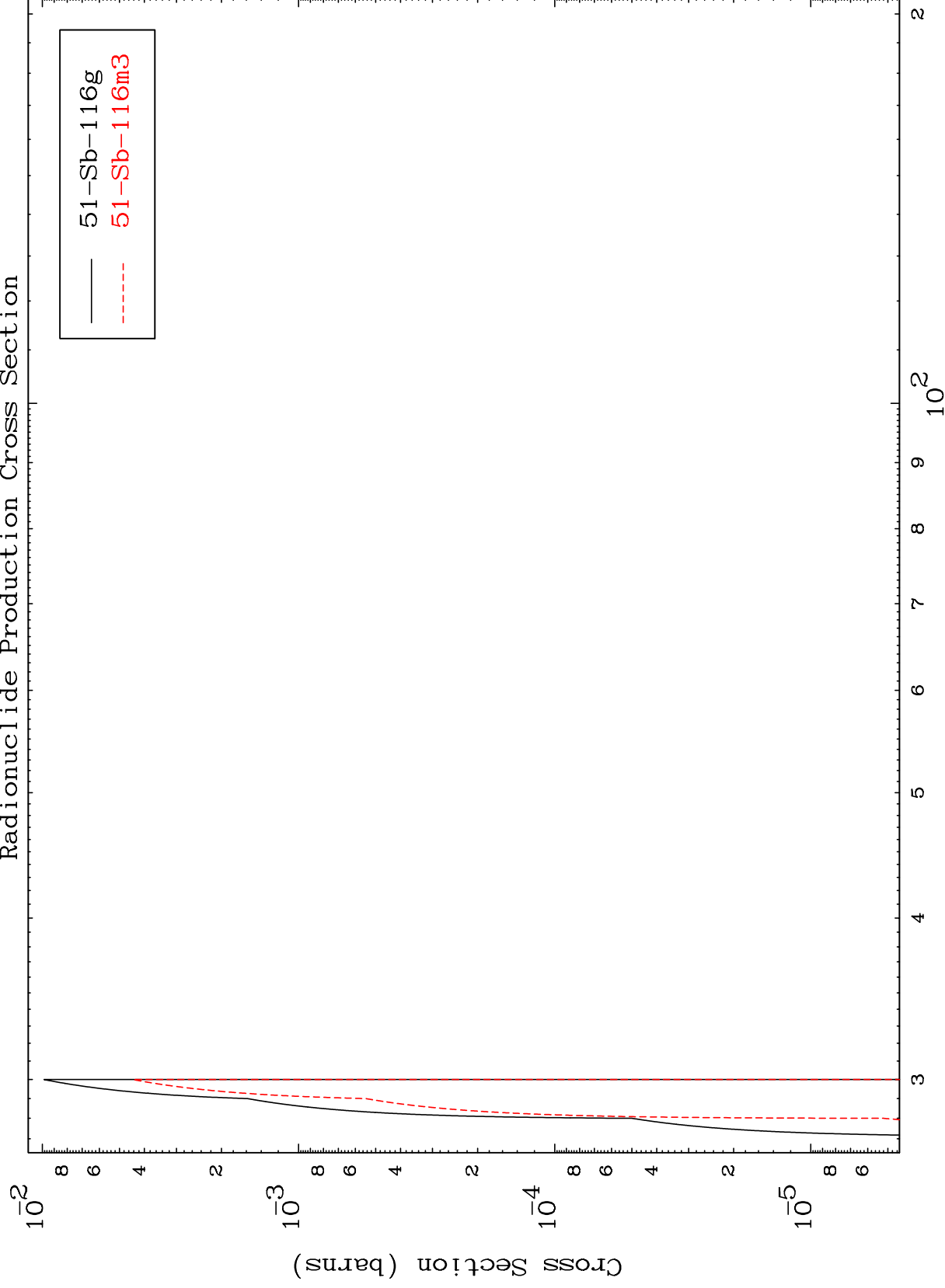


MAT 5119

(n,4n)

51-Sb-119

Radionuclide Production Cross Section



143

Incident Energy (MeV)

51-Sb-119

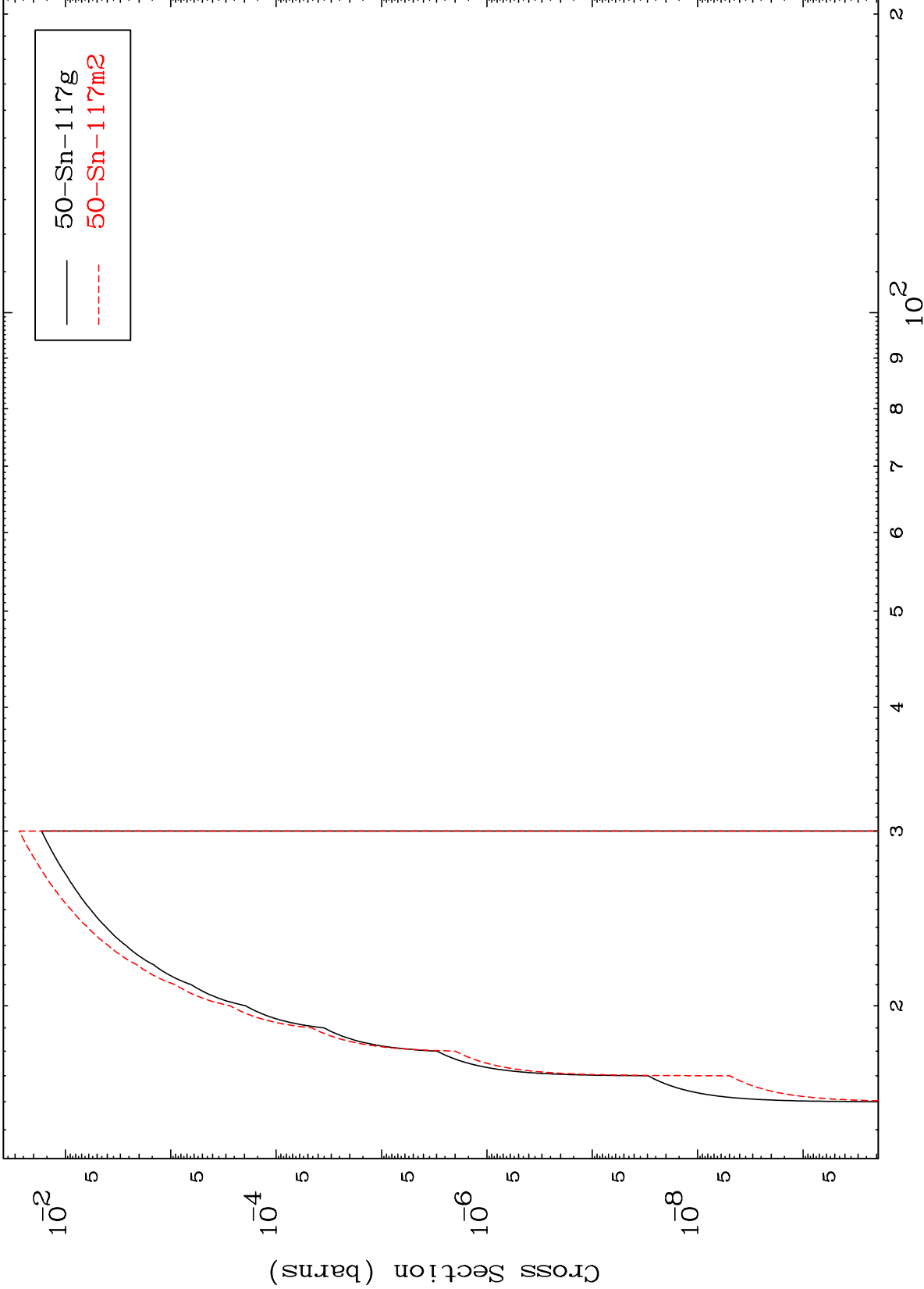


MAT 5119

(n,2n) p

51-Sb-119

Radionuclide Production Cross Section



144

Incident Energy (MeV)

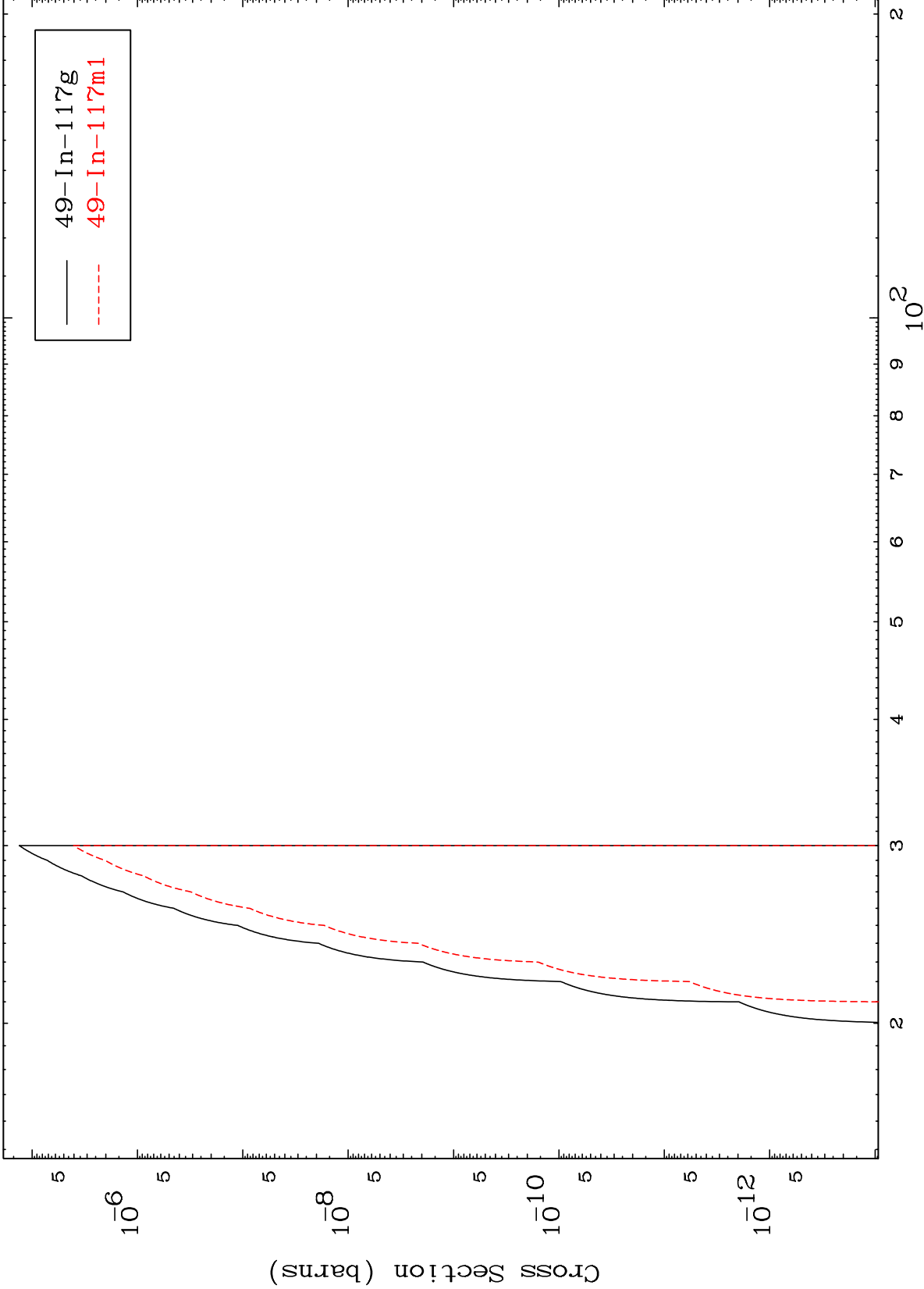
51-Sb-119

MAT 5119

(n,2n) p

51-Sb-119

Radionuclide Production Cross Section



145

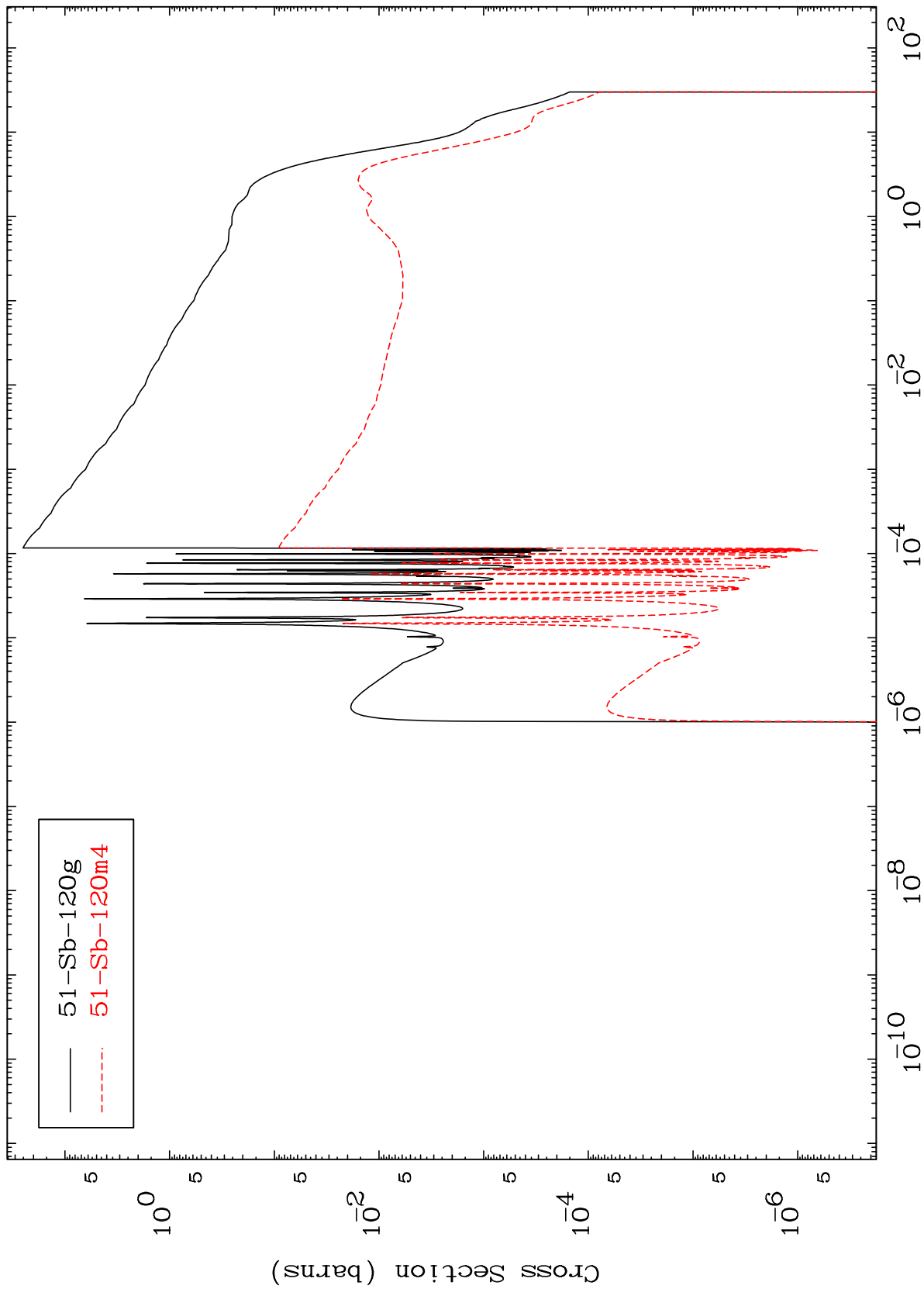
Incident Energy (MeV)

51-Sb-119

MAT 5119

51-Sb-119

Radionuclide Production Cross Section



51-Sb-119

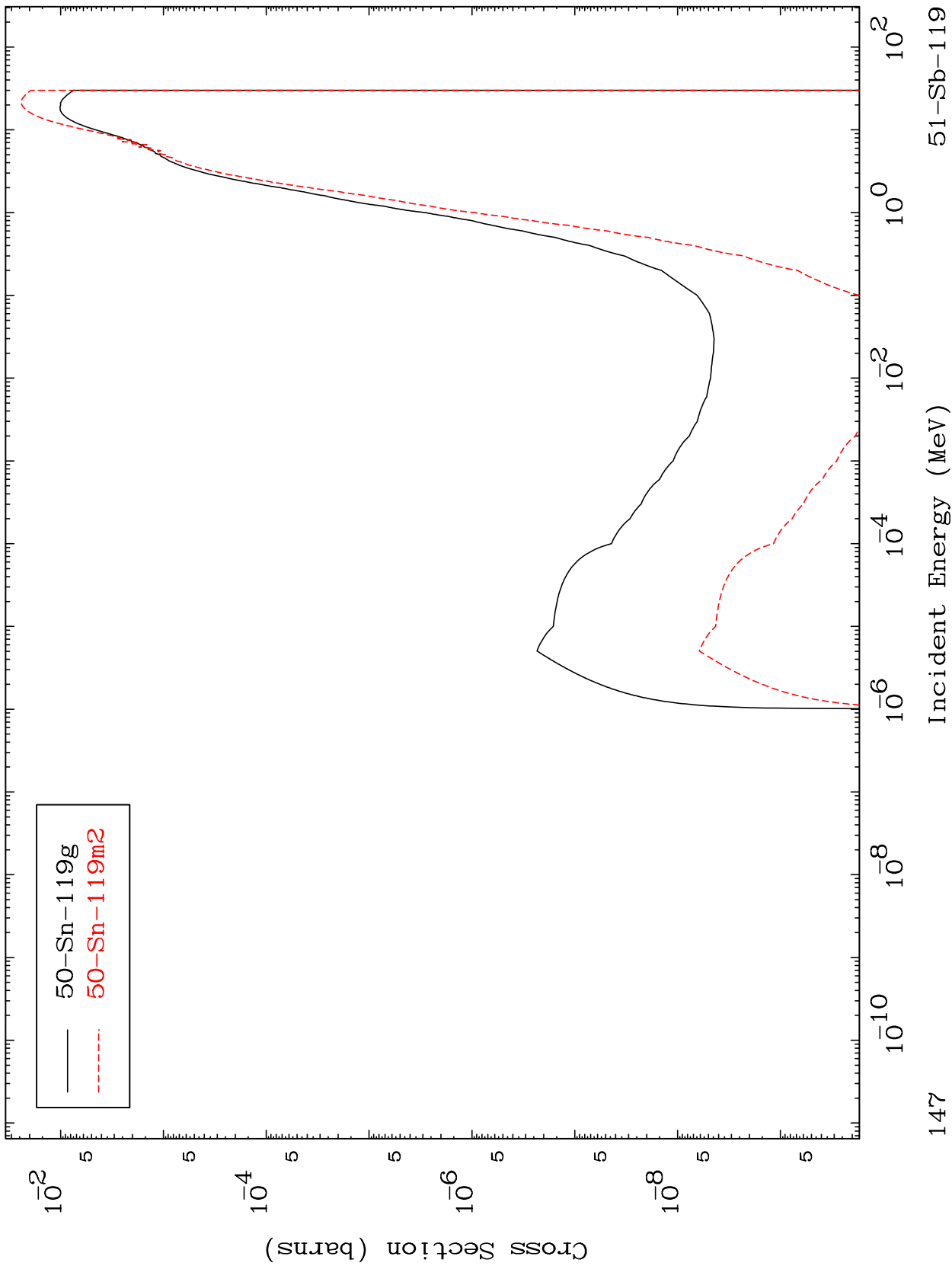
Incident Energy (MeV)

146

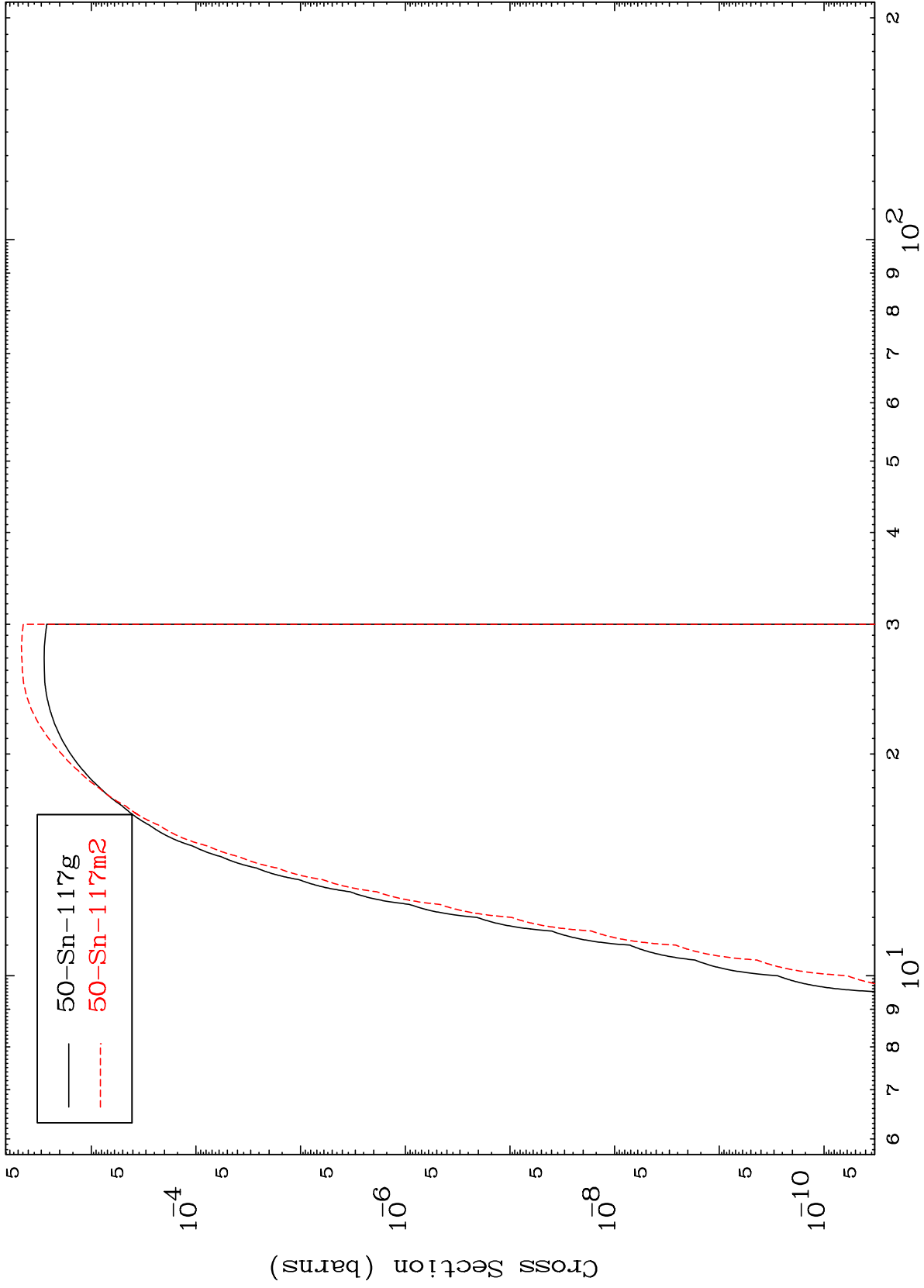
MAT 5119

51-Sb-119

(n,p)  
Radionuclide Production Cross Section



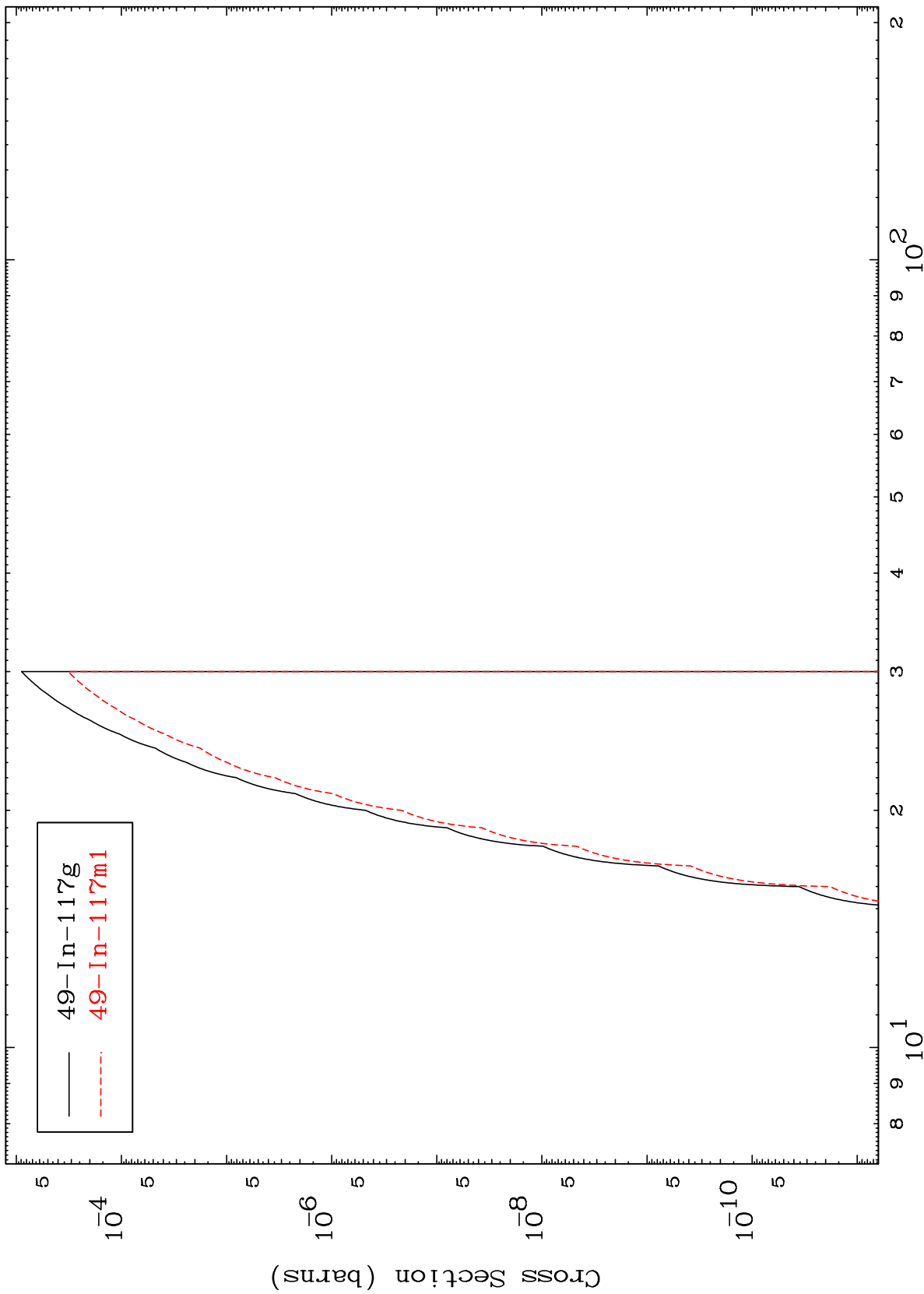
(n,t)  
Radionuclide Production Cross Section



MAT 5119

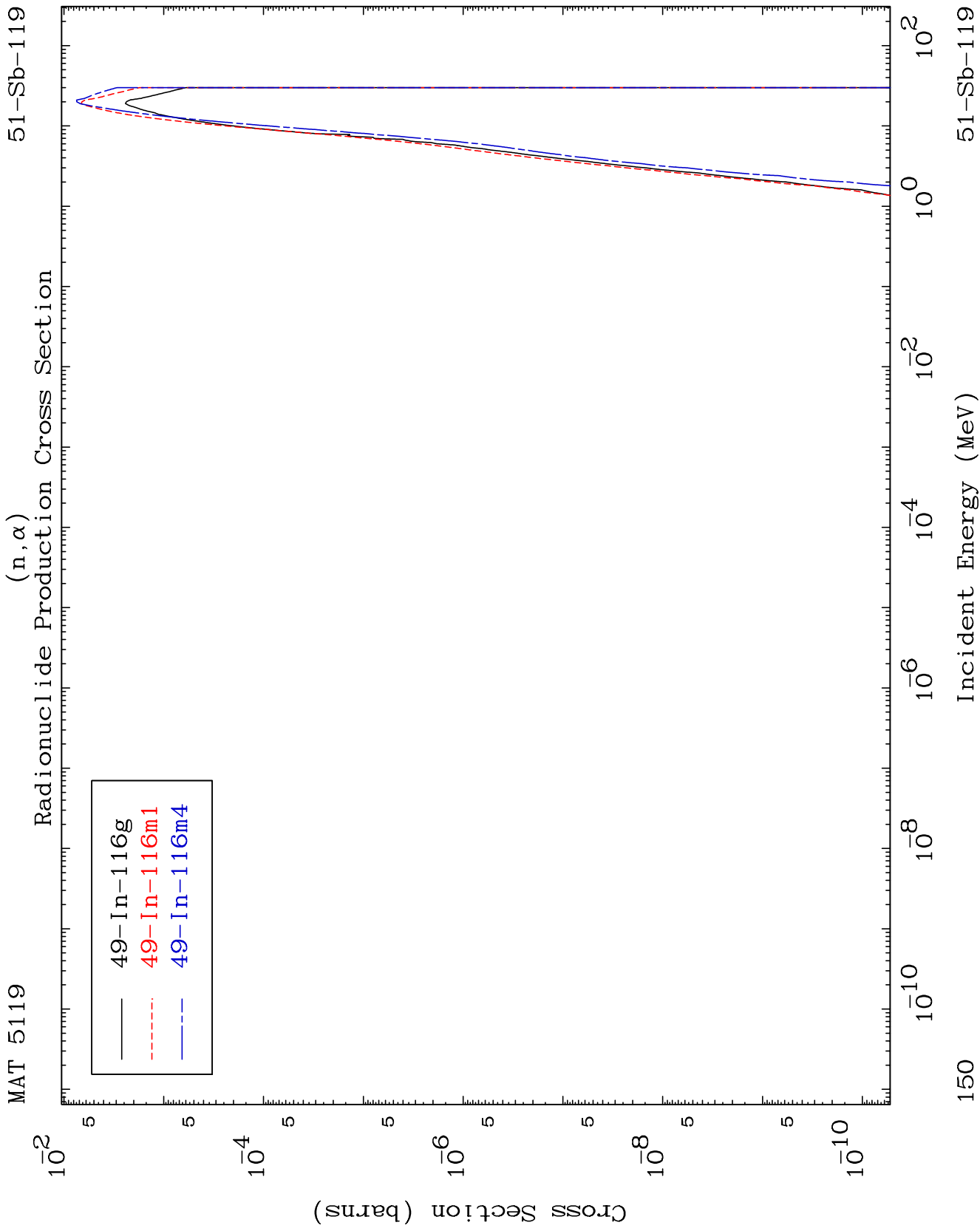
51-Sb-119

(n,He-3)  
Radionuclide Production Cross Section



149

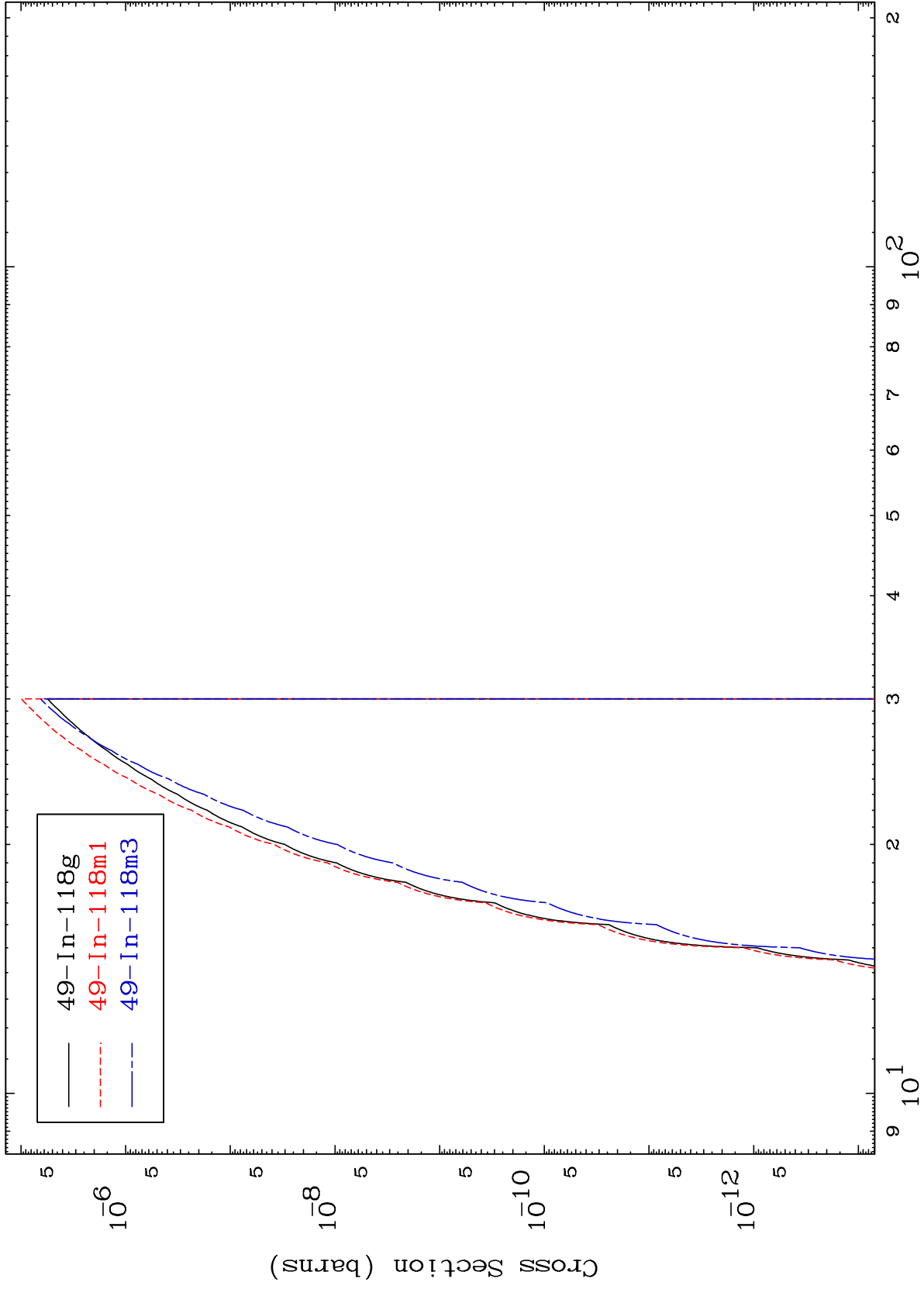
51-Sb-119



MAT 5119

51-Sb-119

(n,2p)  
Radionuclide Production Cross Section



151

Incident Energy (MeV)

51-Sb-119

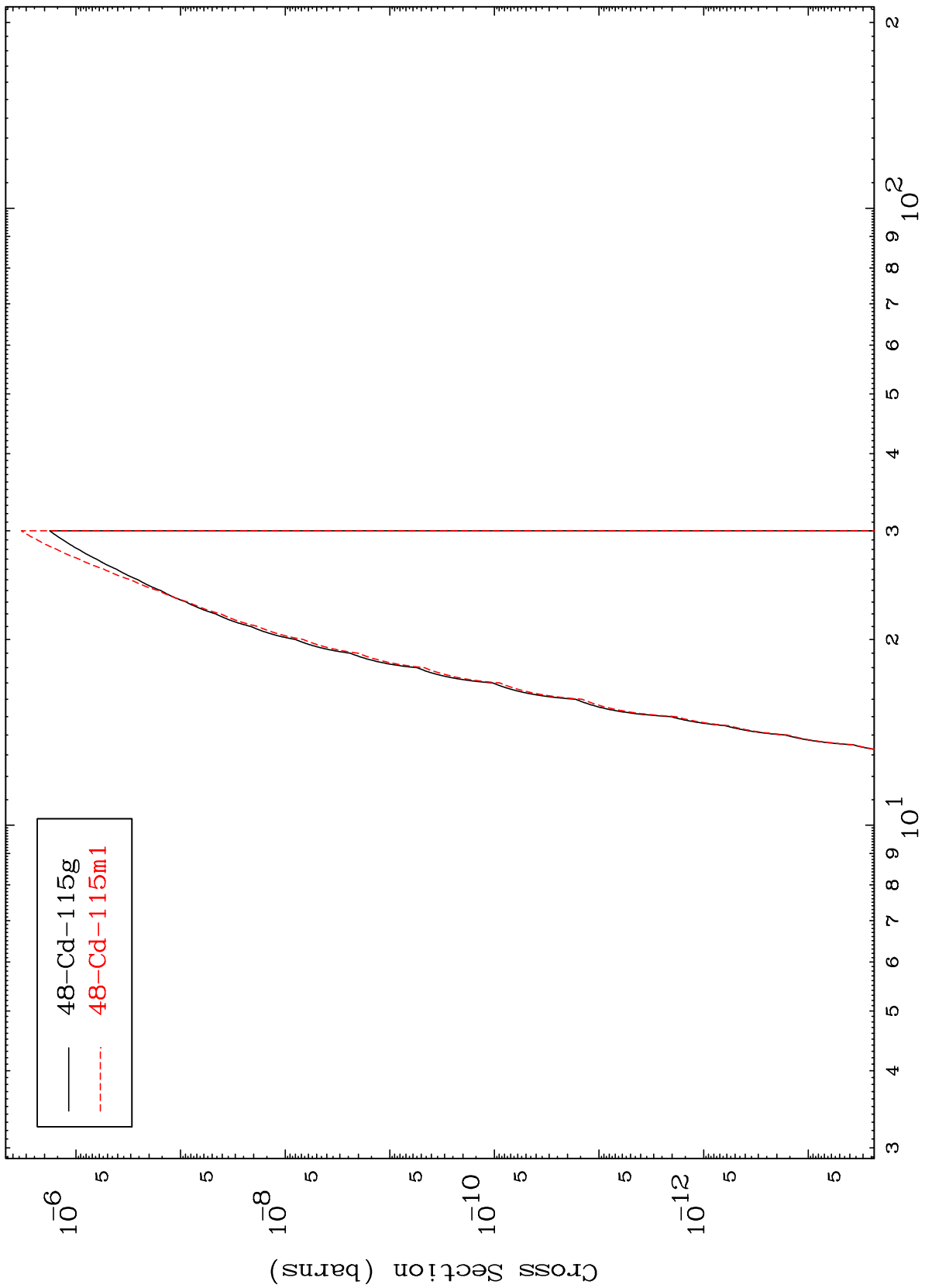


MAT 5119

(n,p)  $\alpha$

51-Sb-119

Radionuclide Production Cross Section



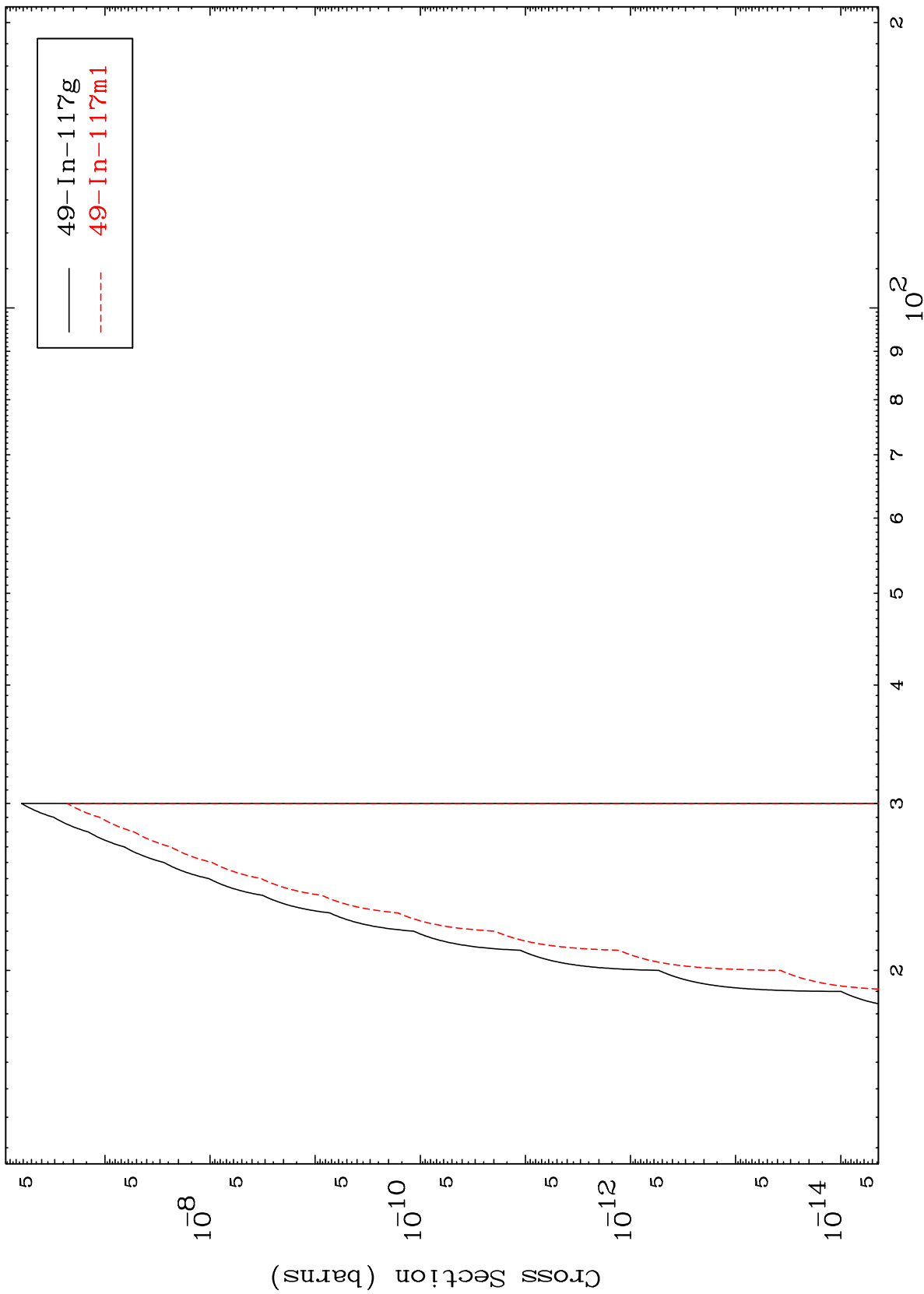
— 48-Cd-115g  
- - - 48-Cd-115m1

152

Incident Energy (MeV)

51-Sb-119

Radionuclide Production Cross Section



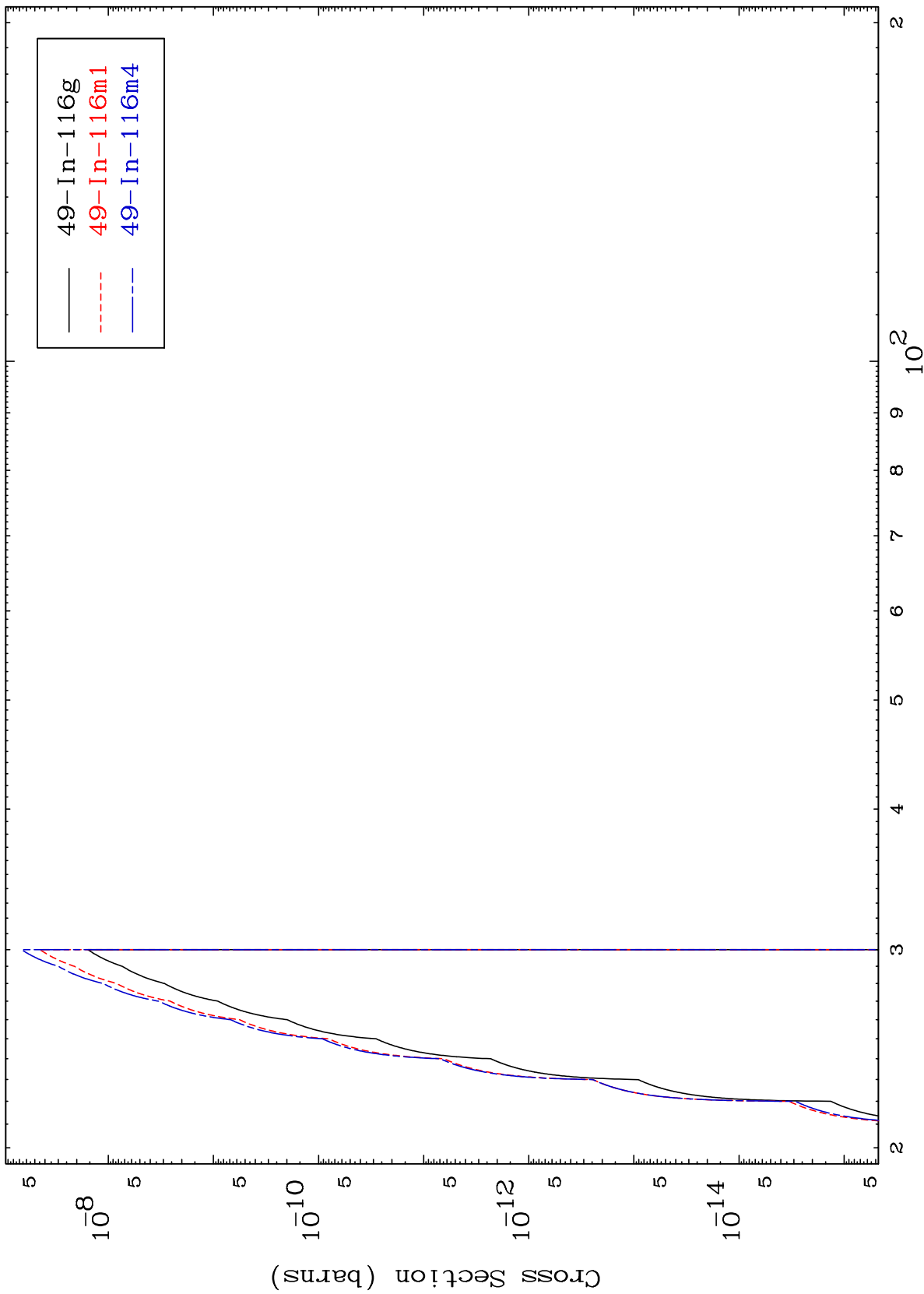
49-In-117g  
49-In-117m1

MAT 5119

(n,p) t

51-Sb-119

Radionuclide Production Cross Section



154

Incident Energy (MeV)

51-Sb-119