

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

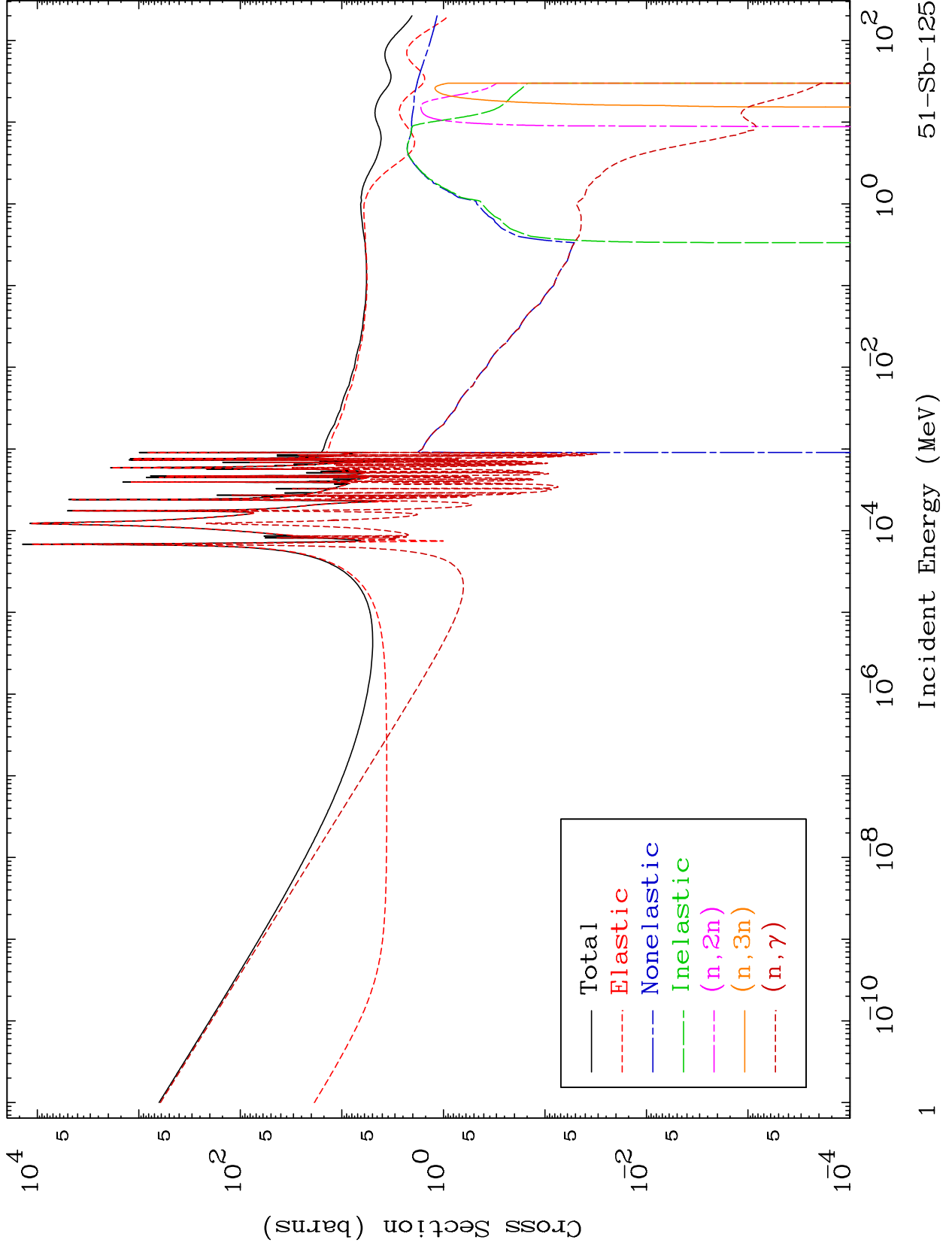
Web:redcullen1.net/HOMEPAGE.NEW

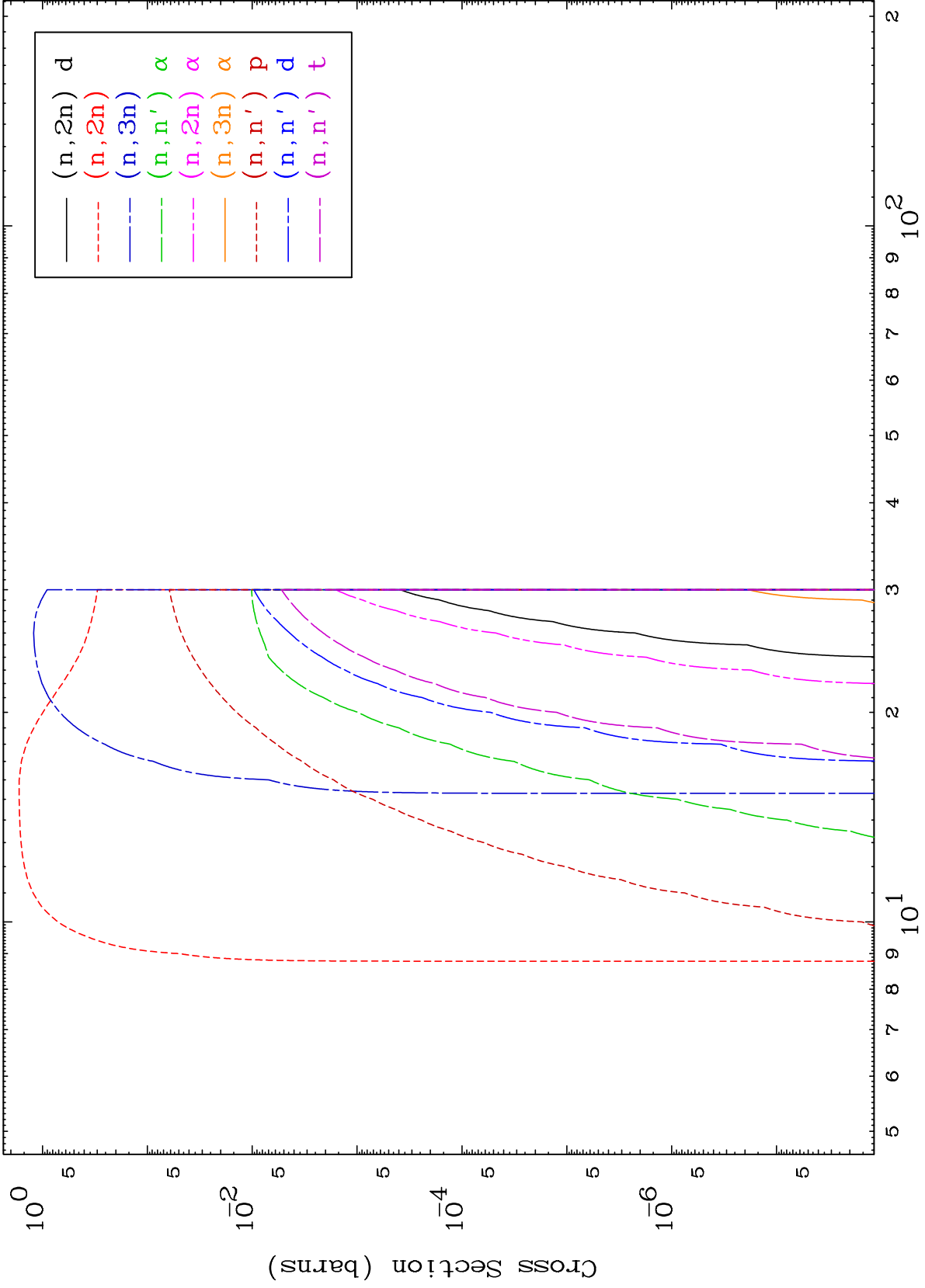
Press Mouse Button to Start

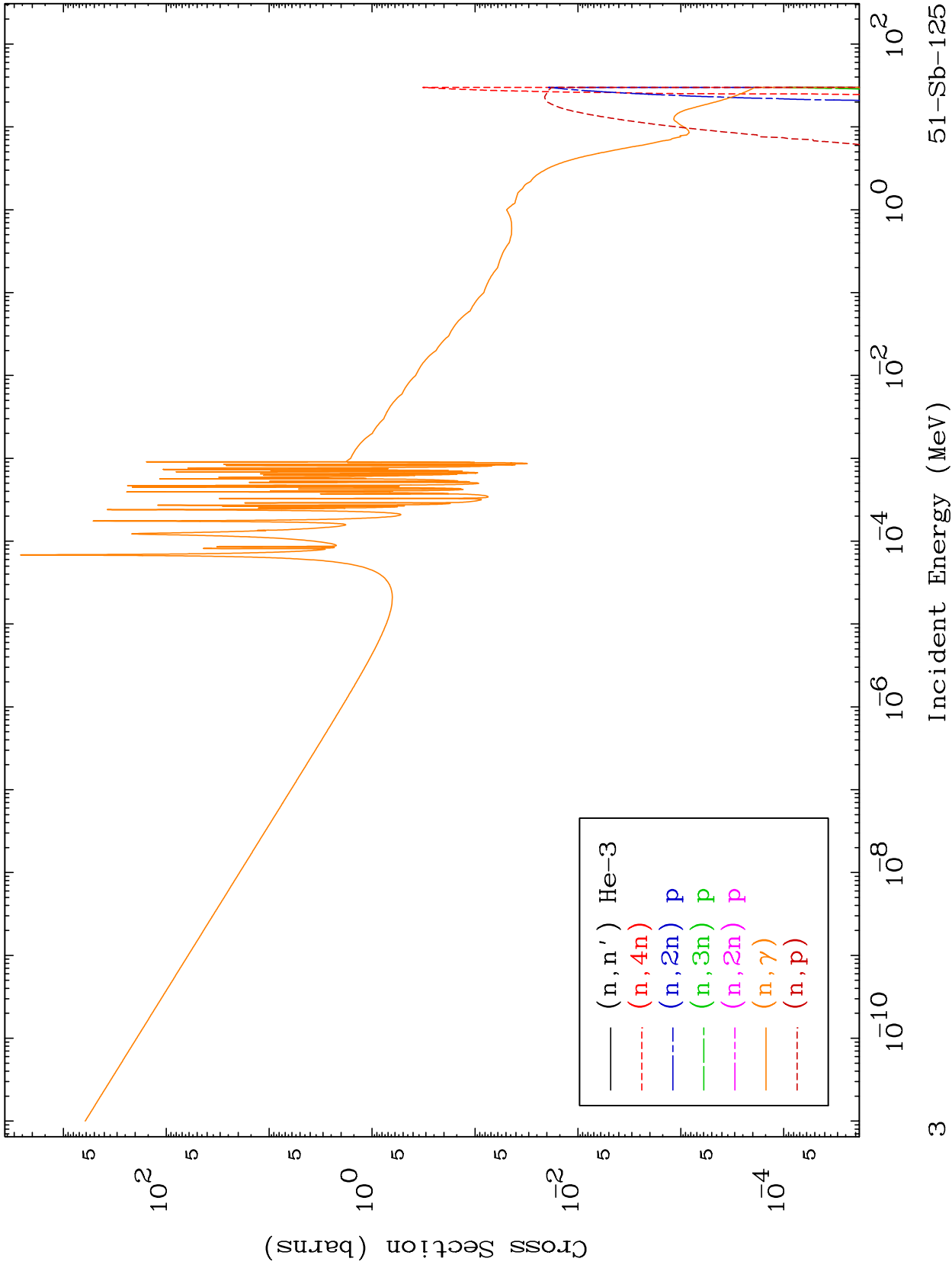
MAT 5137

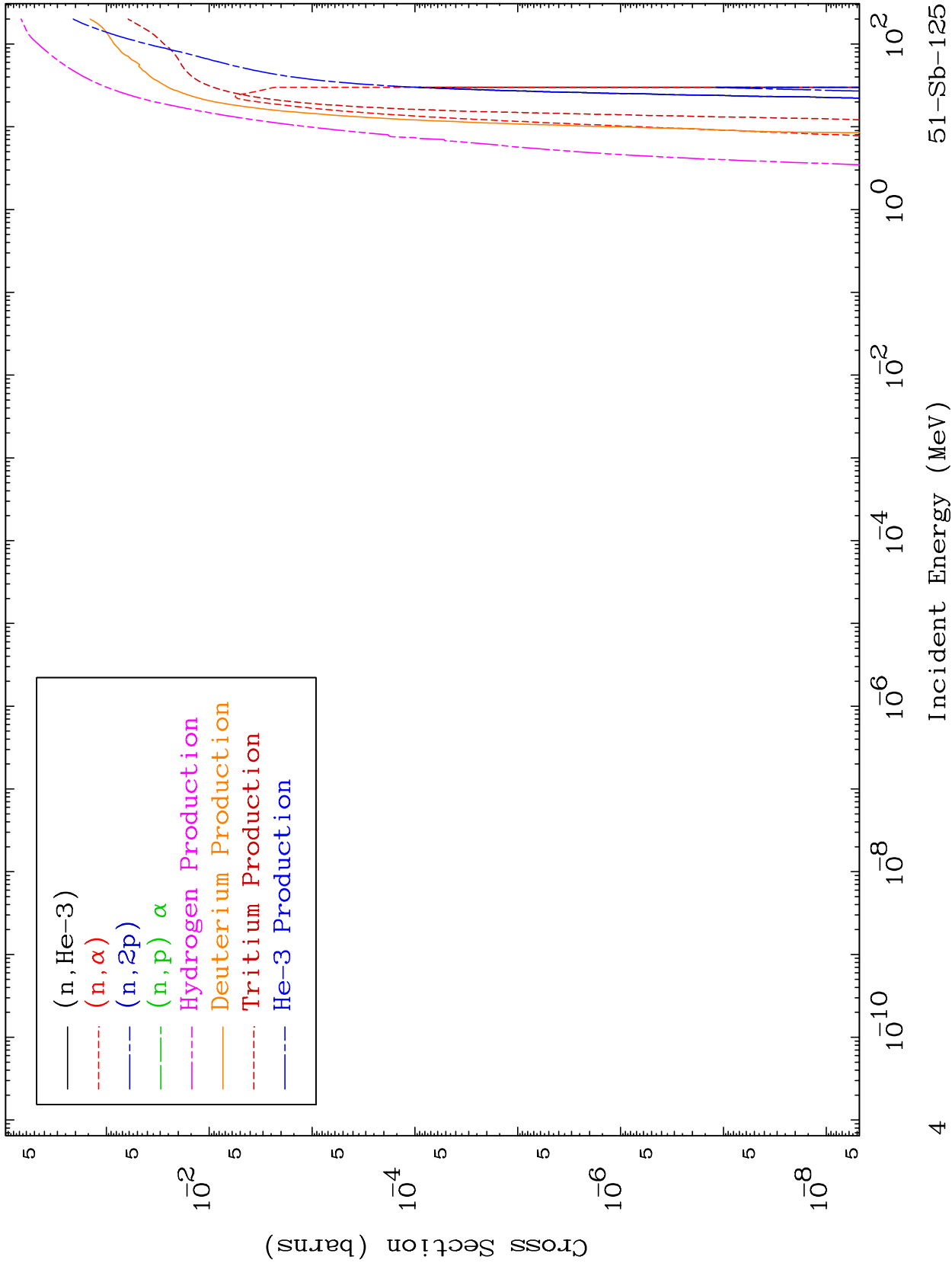
Neutron Major
293 Kelvin Cross Sections

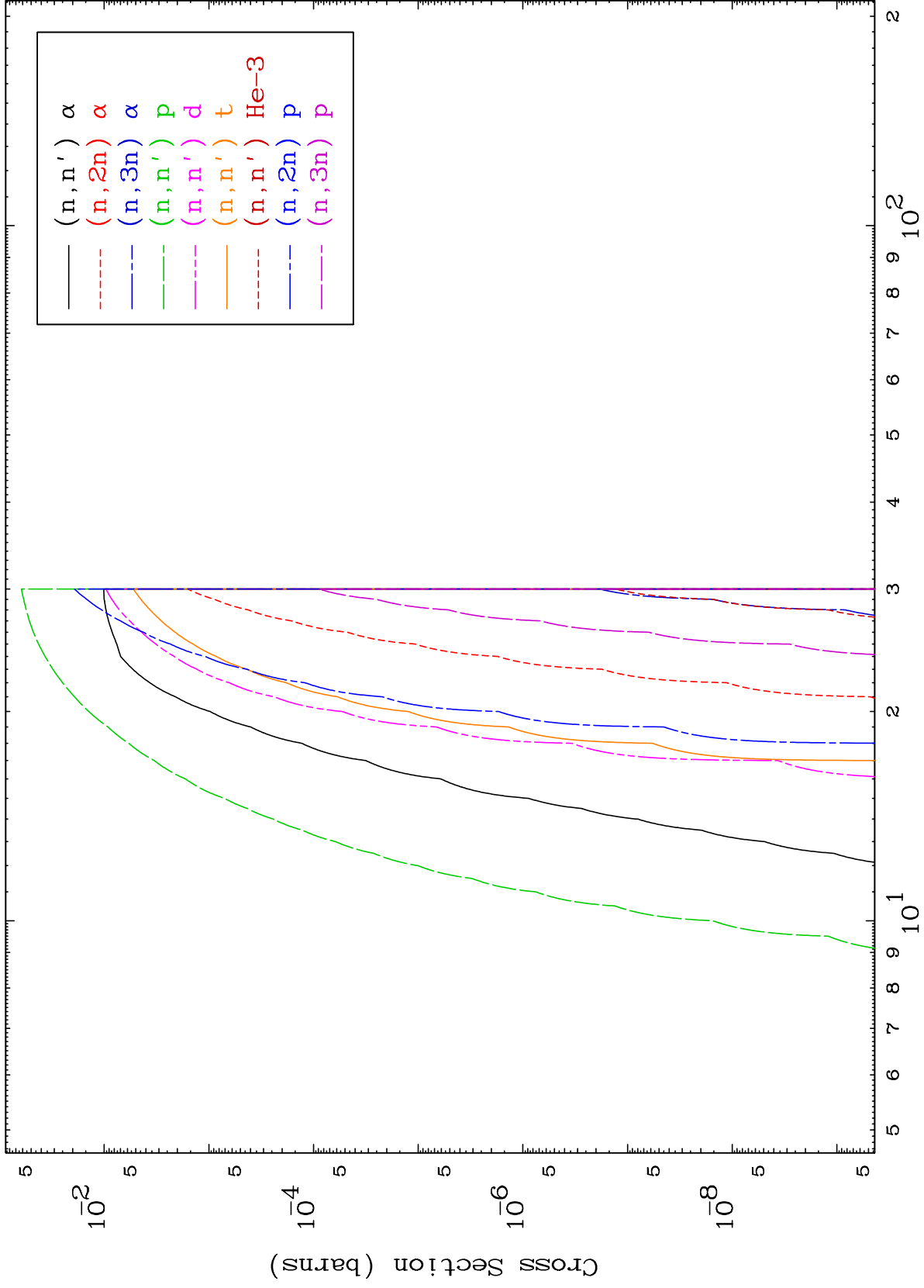
51-Sb-125







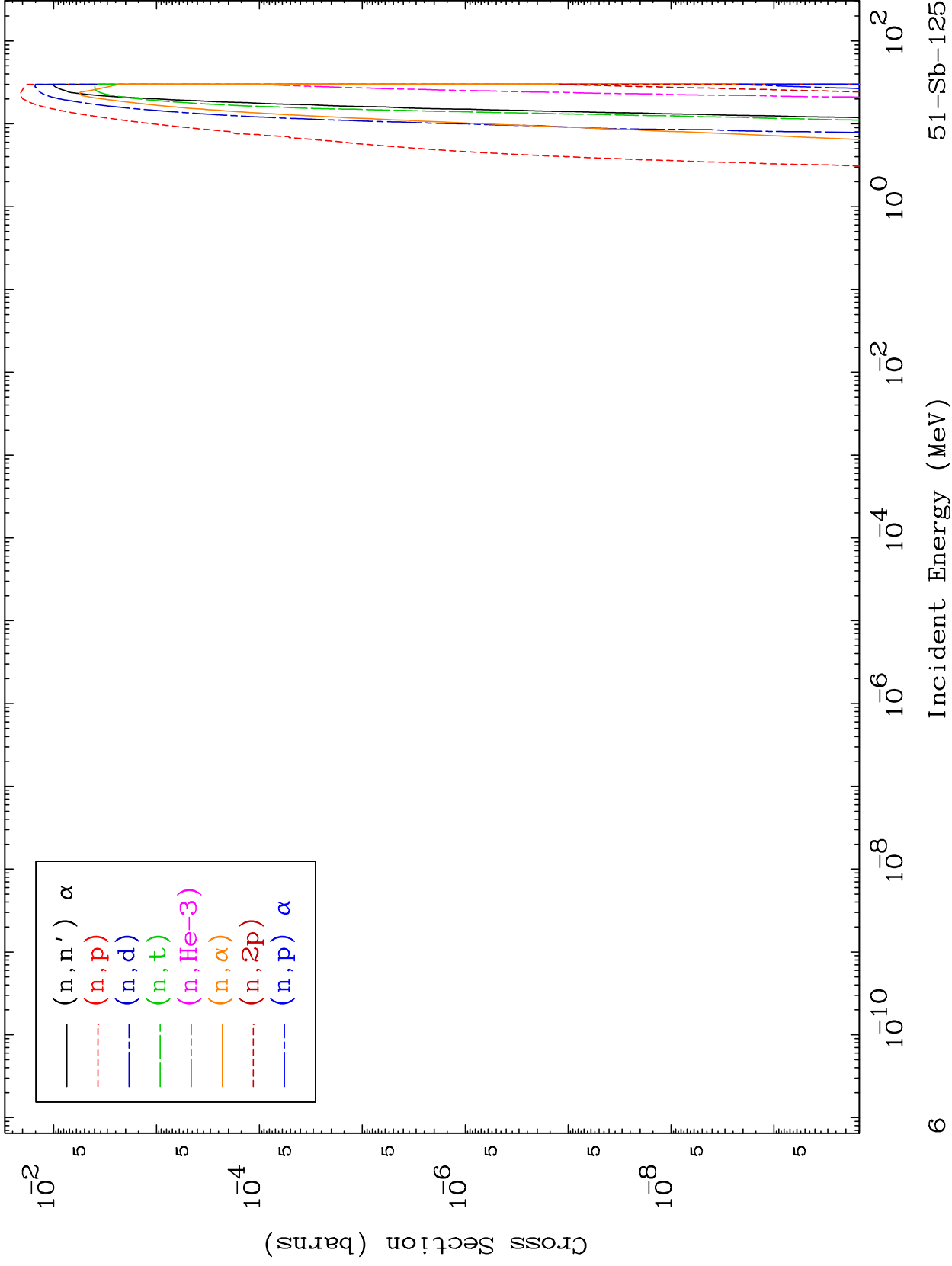


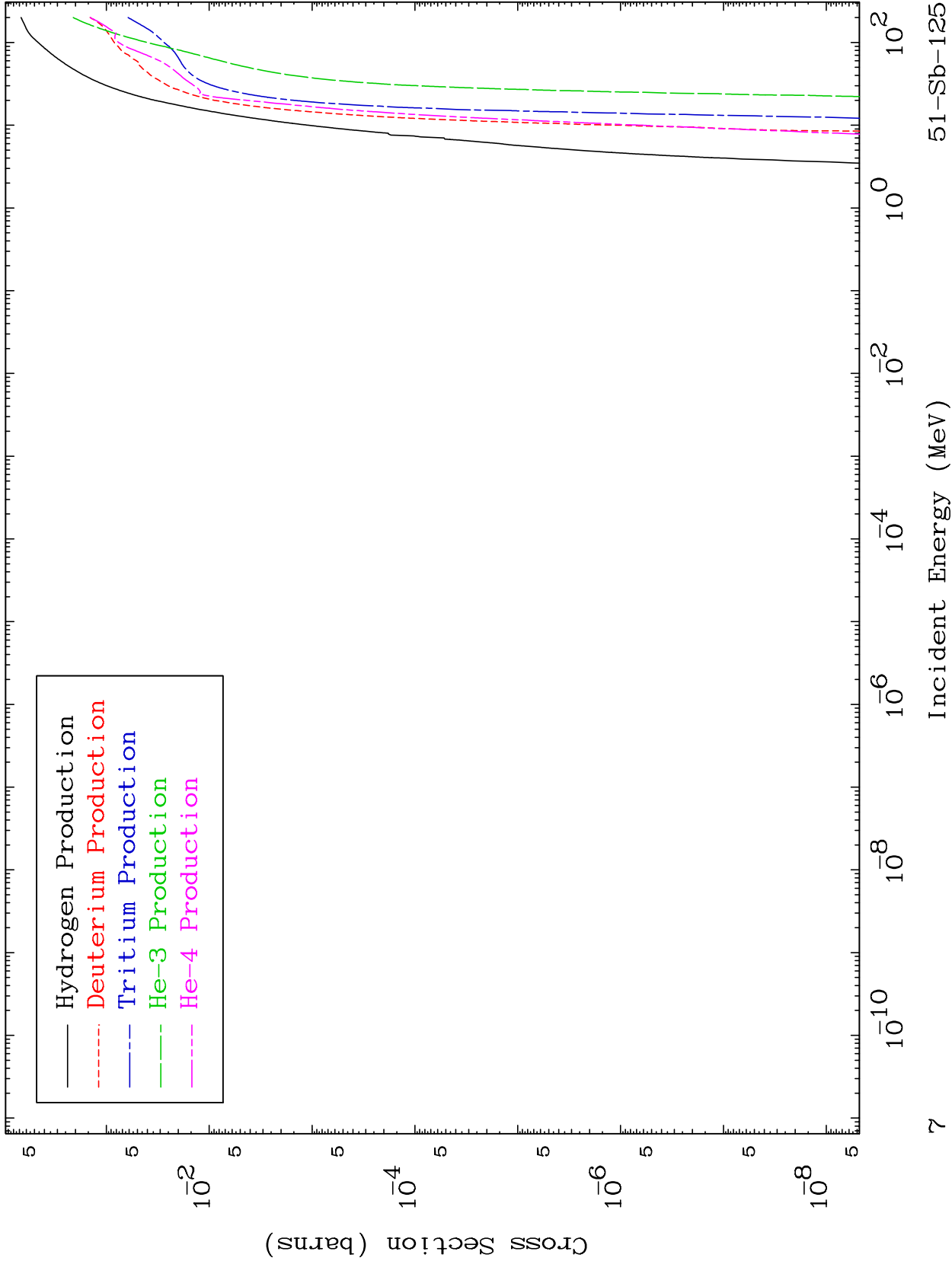


MAT 5137

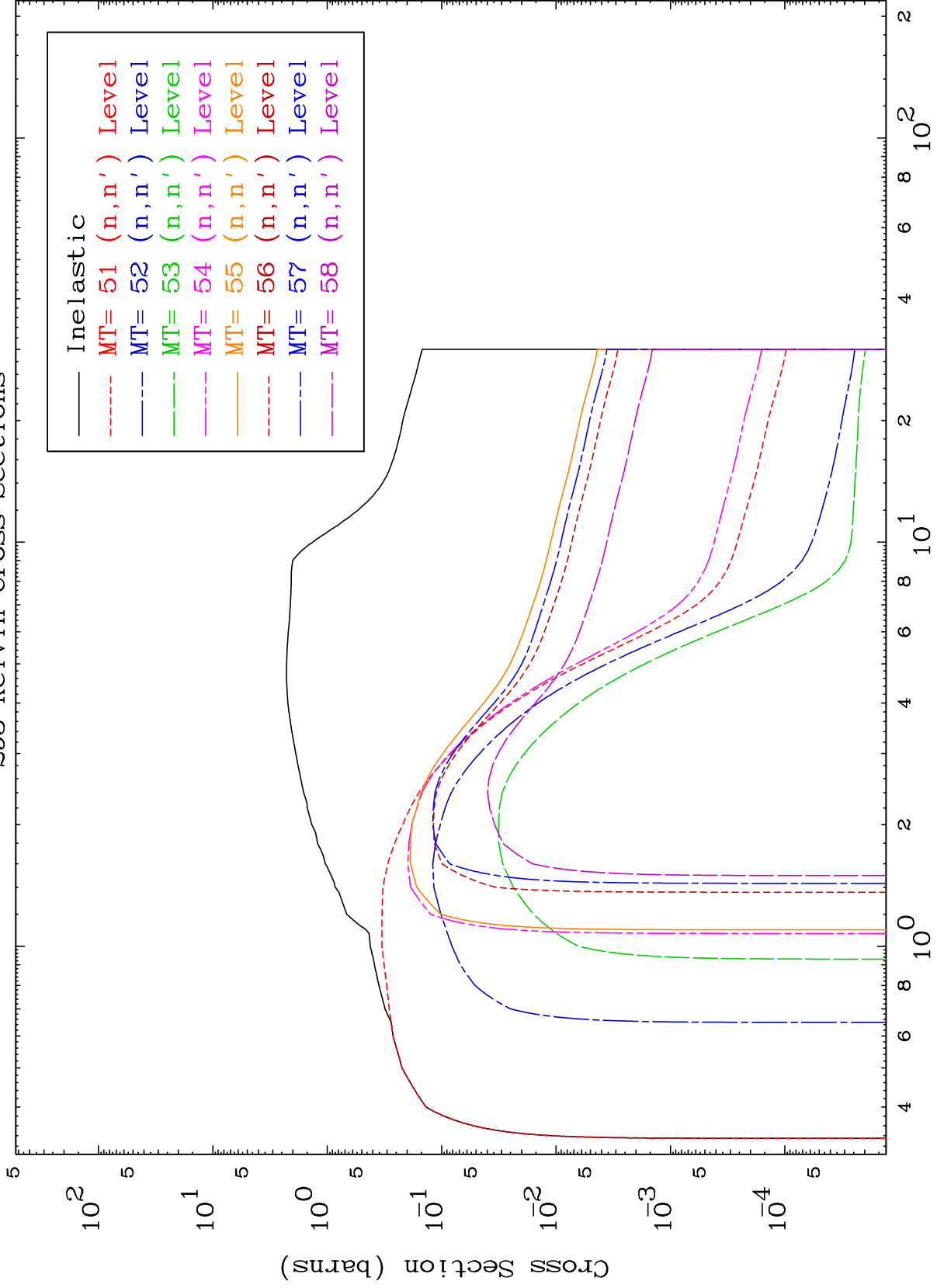
Charged Particle
293 Kelvin Cross Sections

51-Sb-125

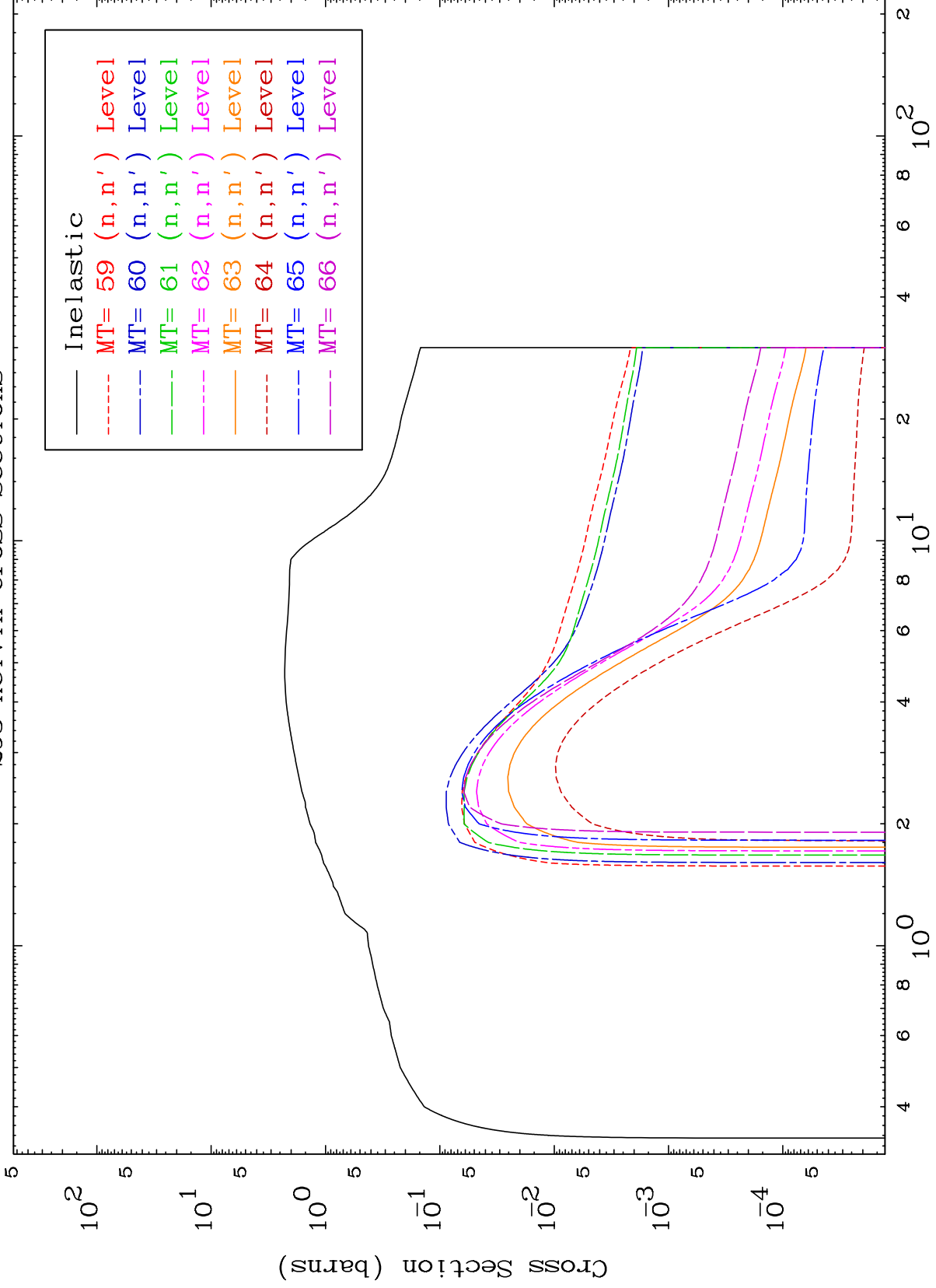




293 Kelvin Cross Sections



293 Kelvin Cross Sections

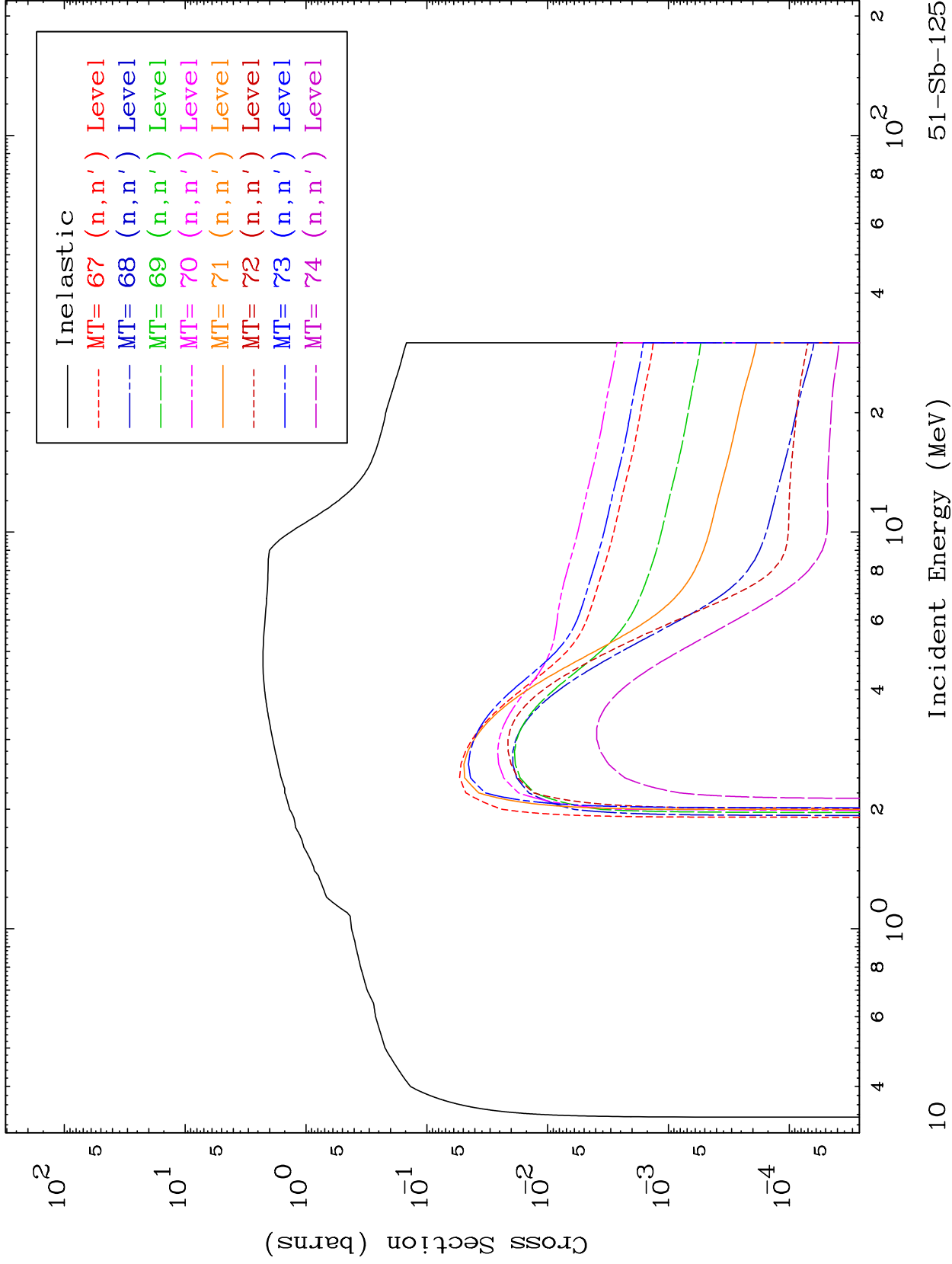


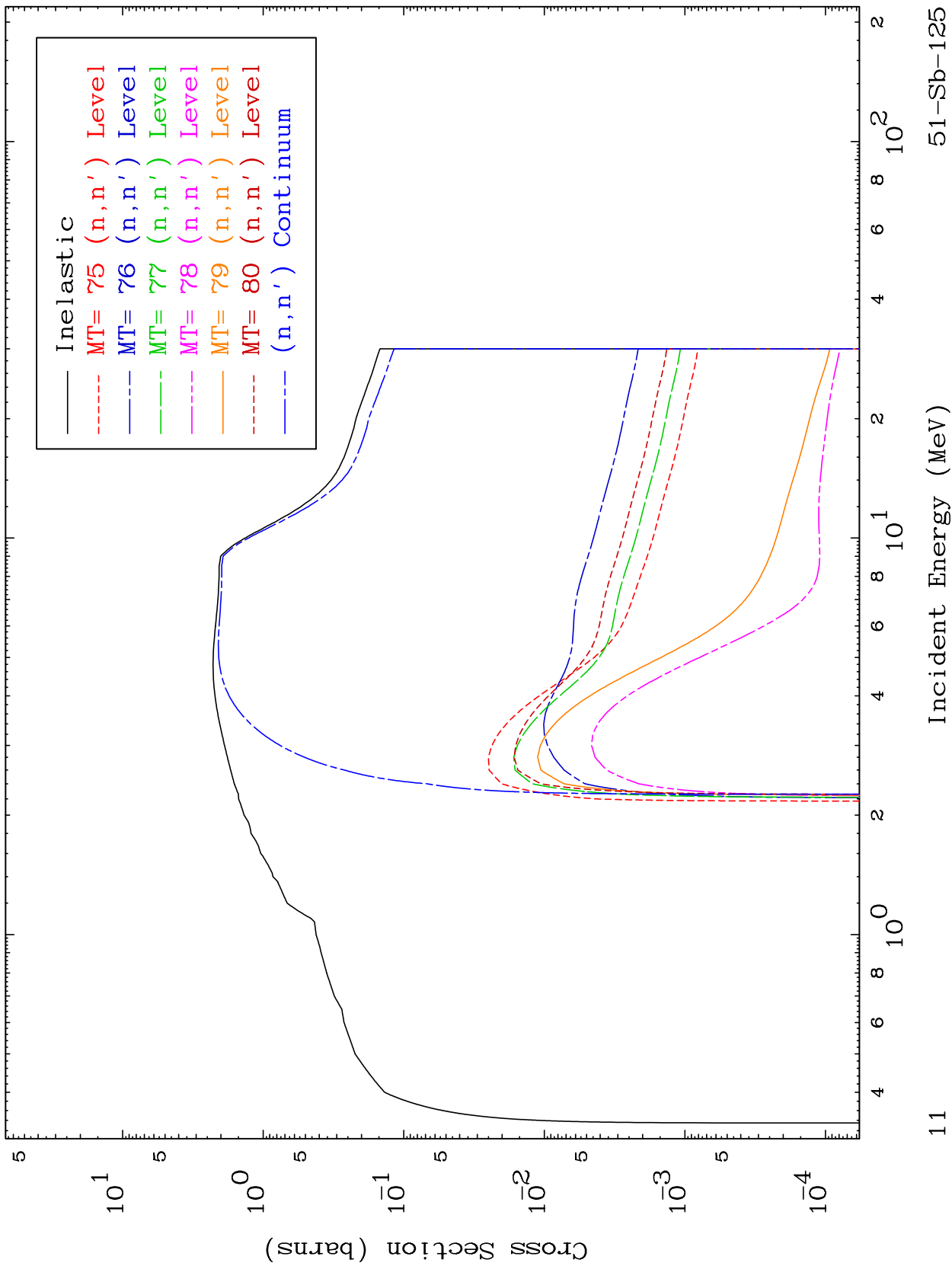
MAT 5137

(n,n') Levels

51-Sb-125

293 Kelvin Cross Sections

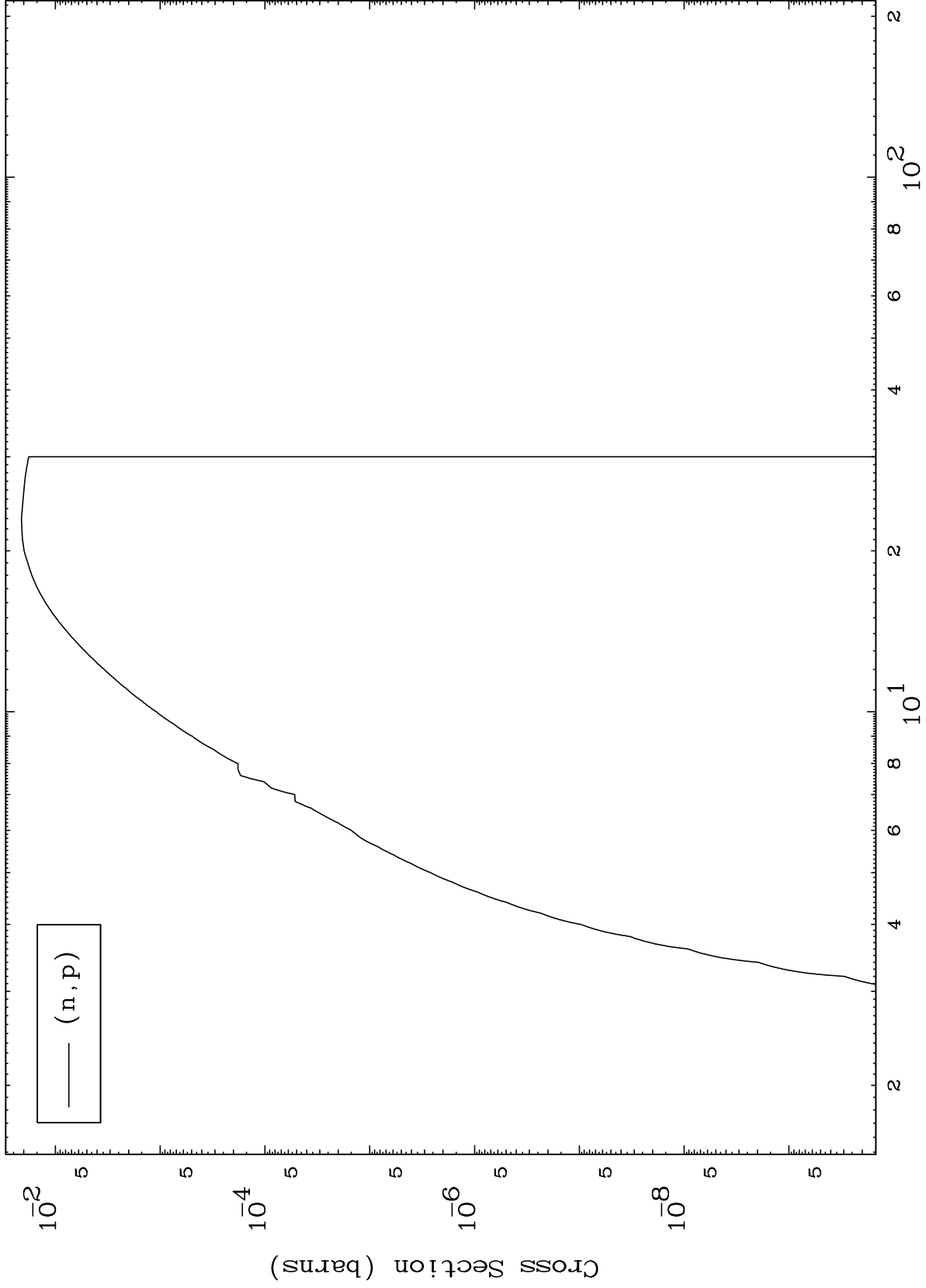




MAT 5137

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-125



12

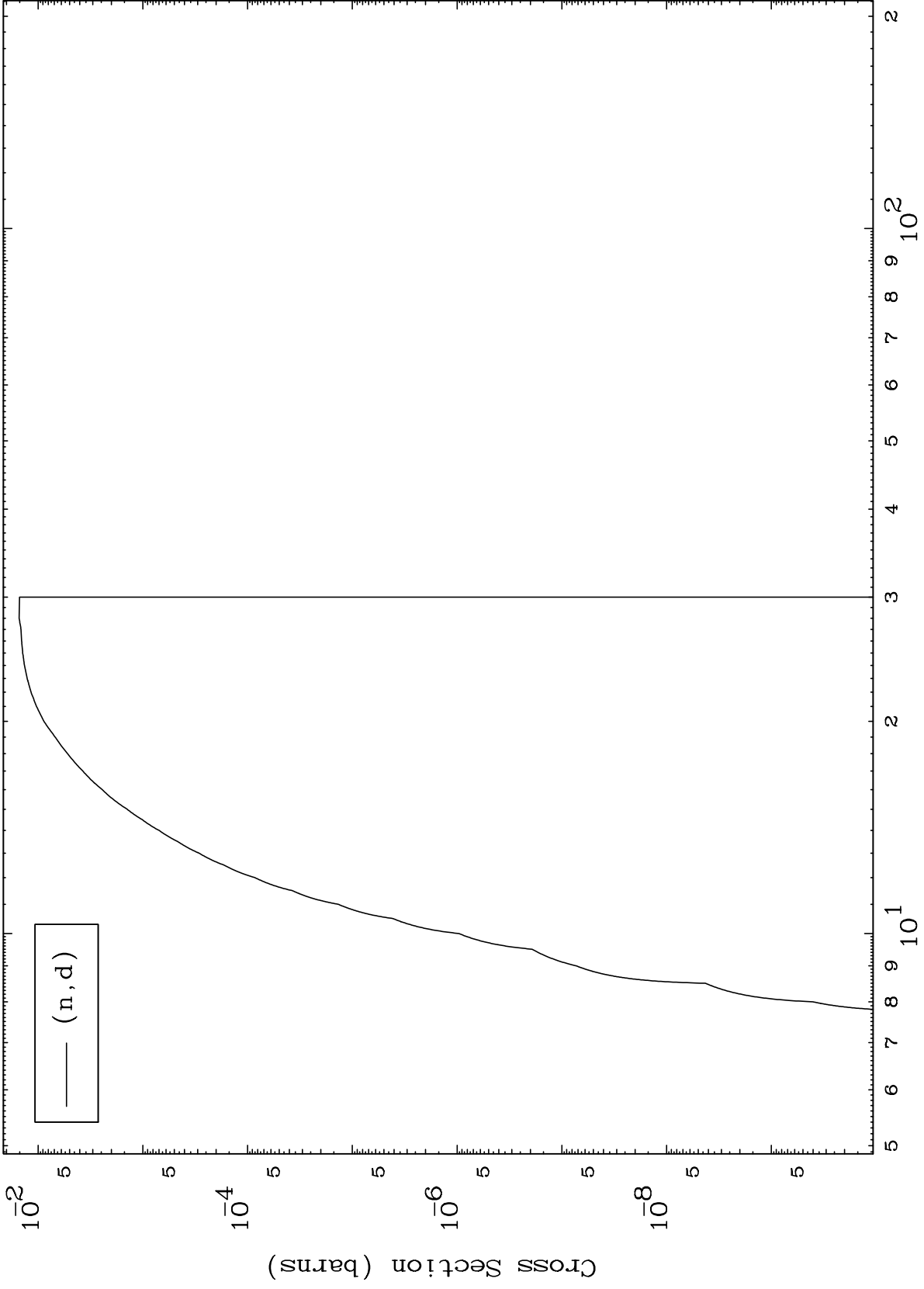
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-125



(n,d)

13

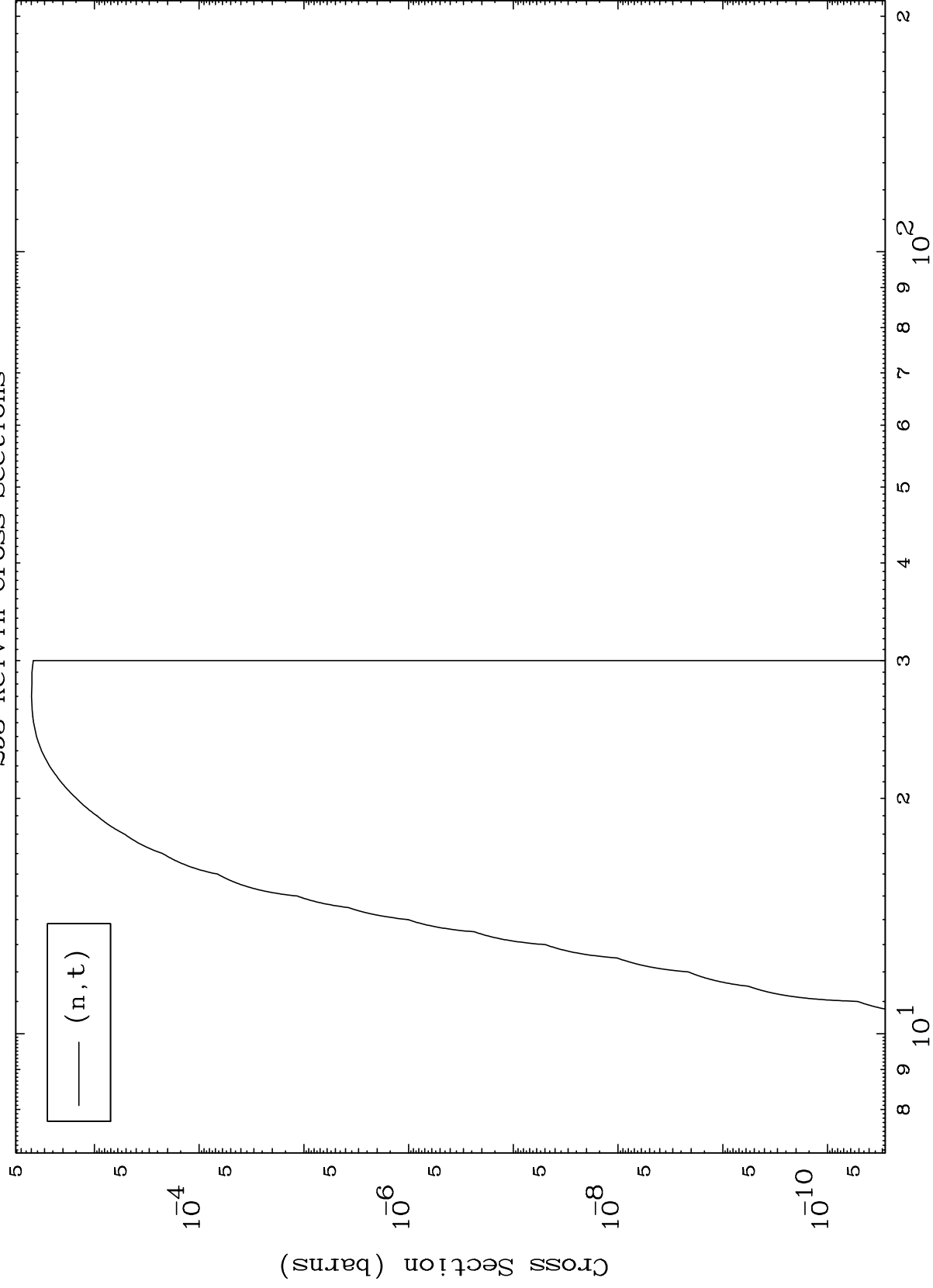
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-125



14

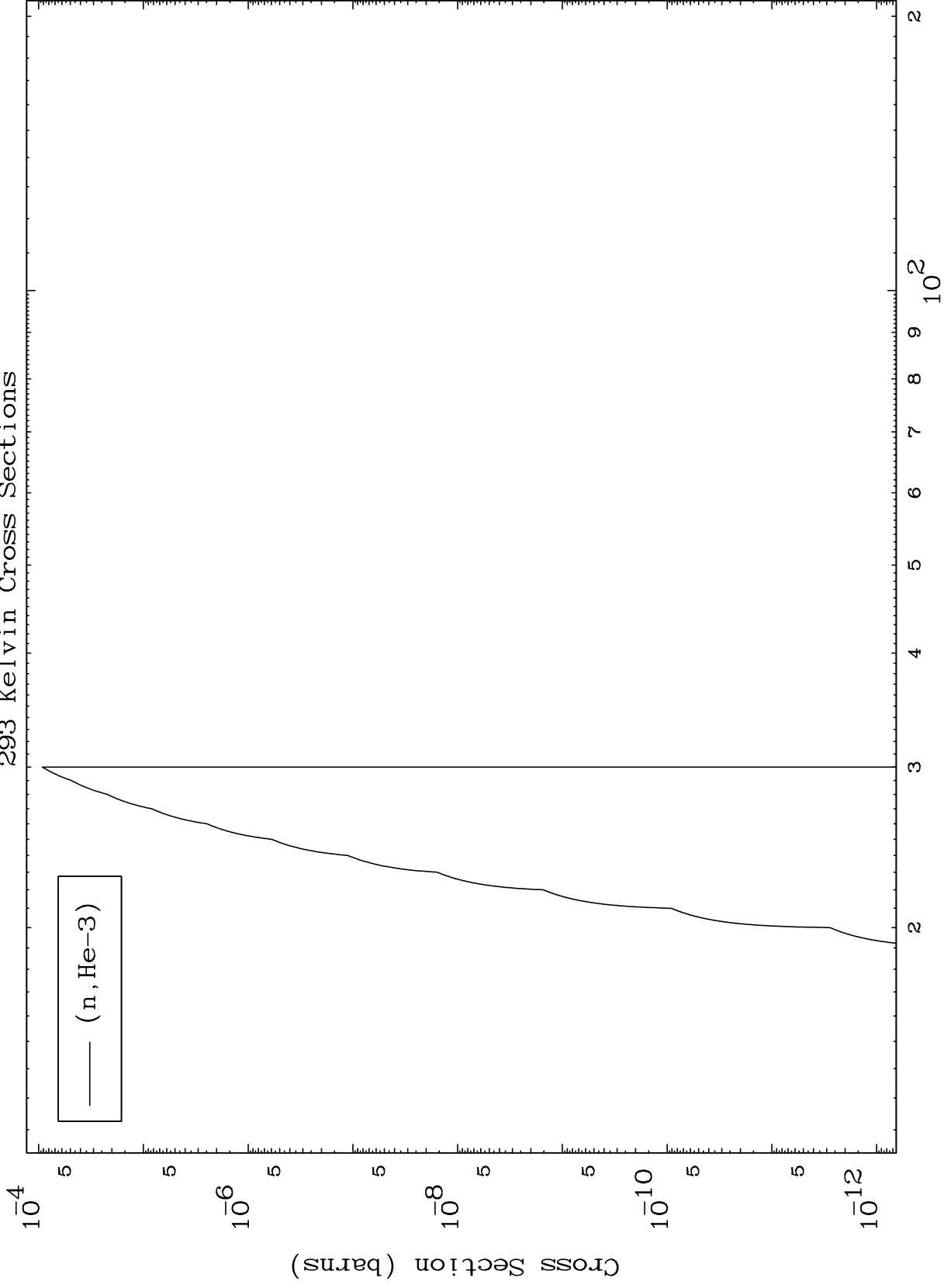
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-125



15

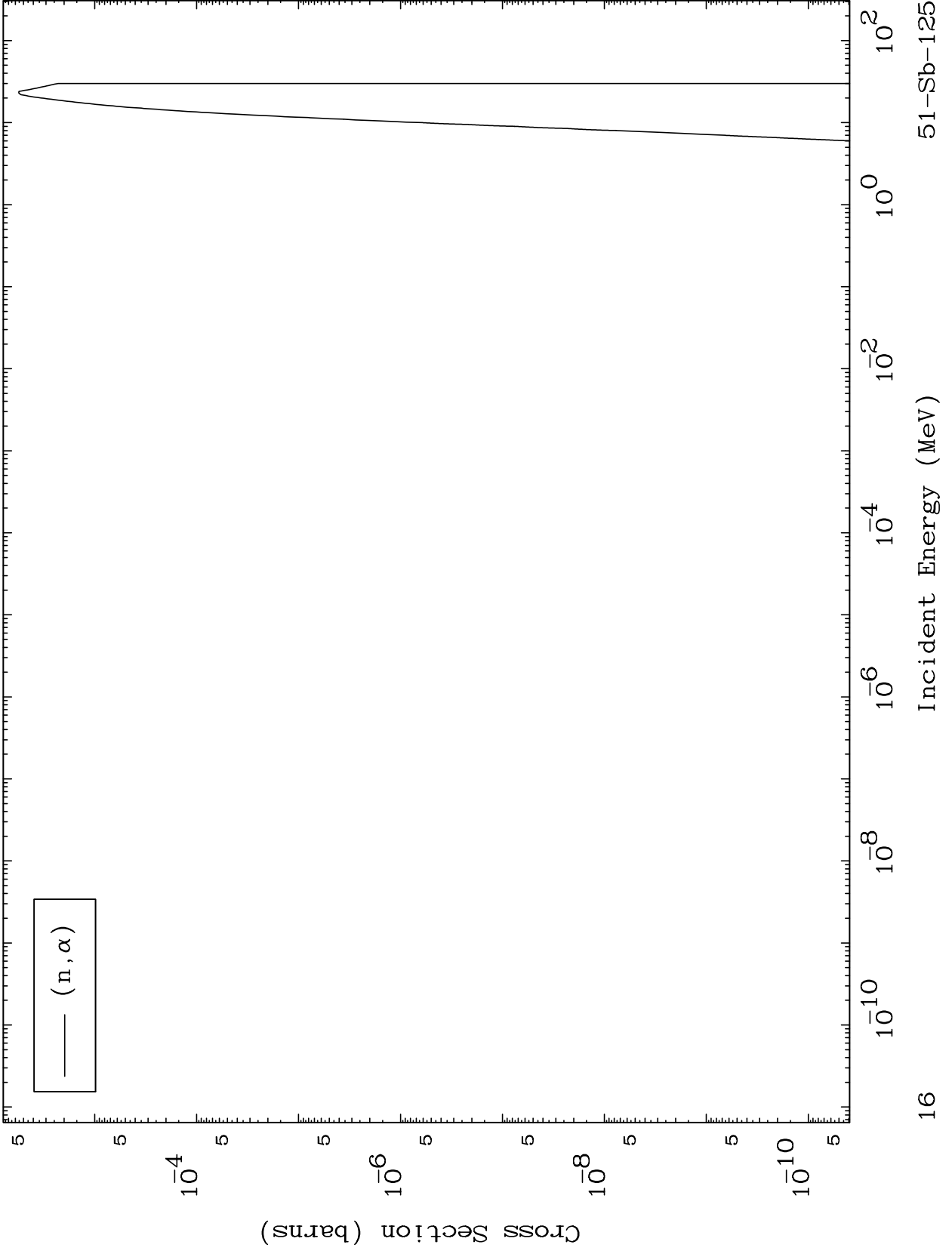
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-125

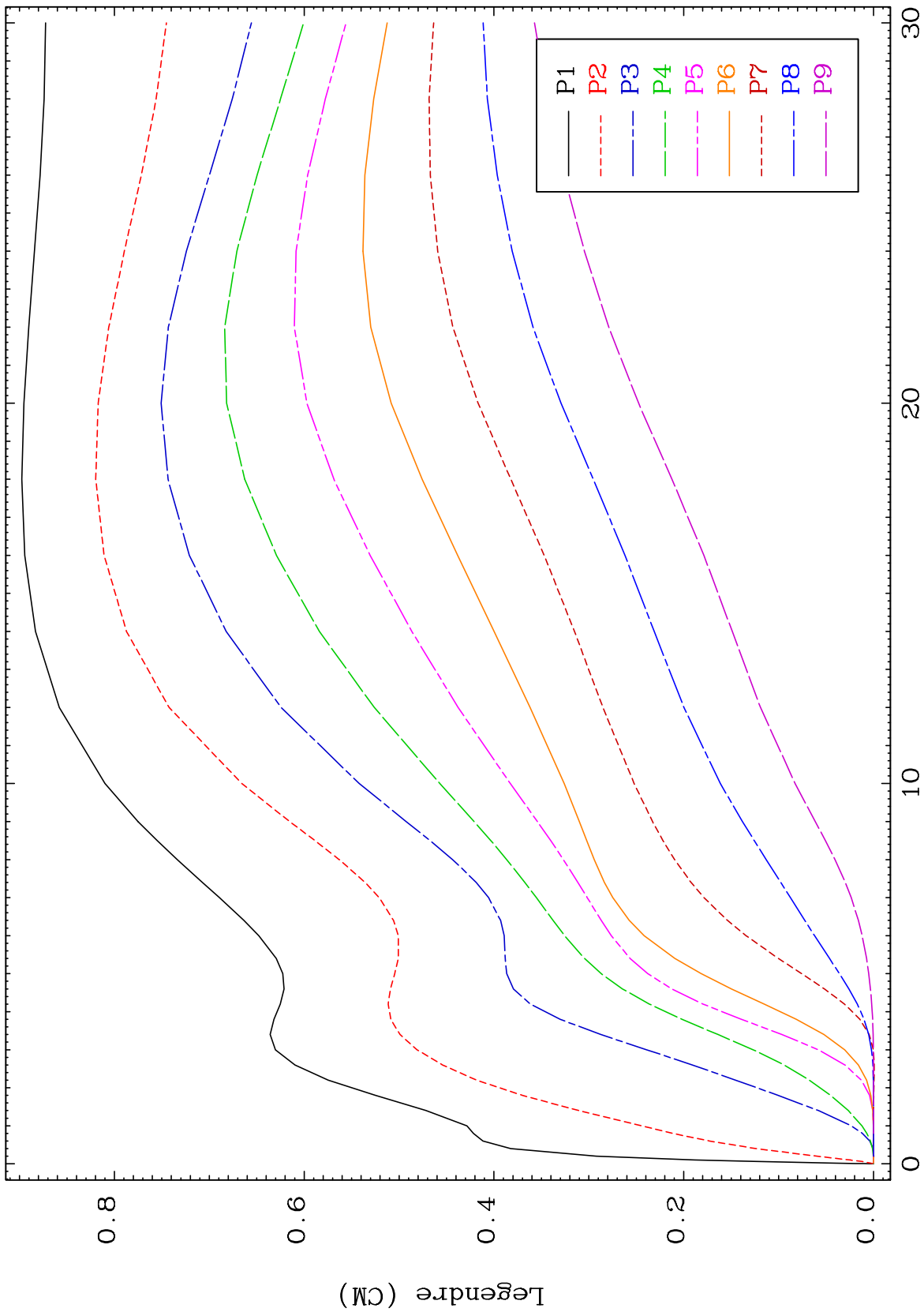


16

MAT 5137

51-Sb-125

Elastic Legendre Coefficients



17

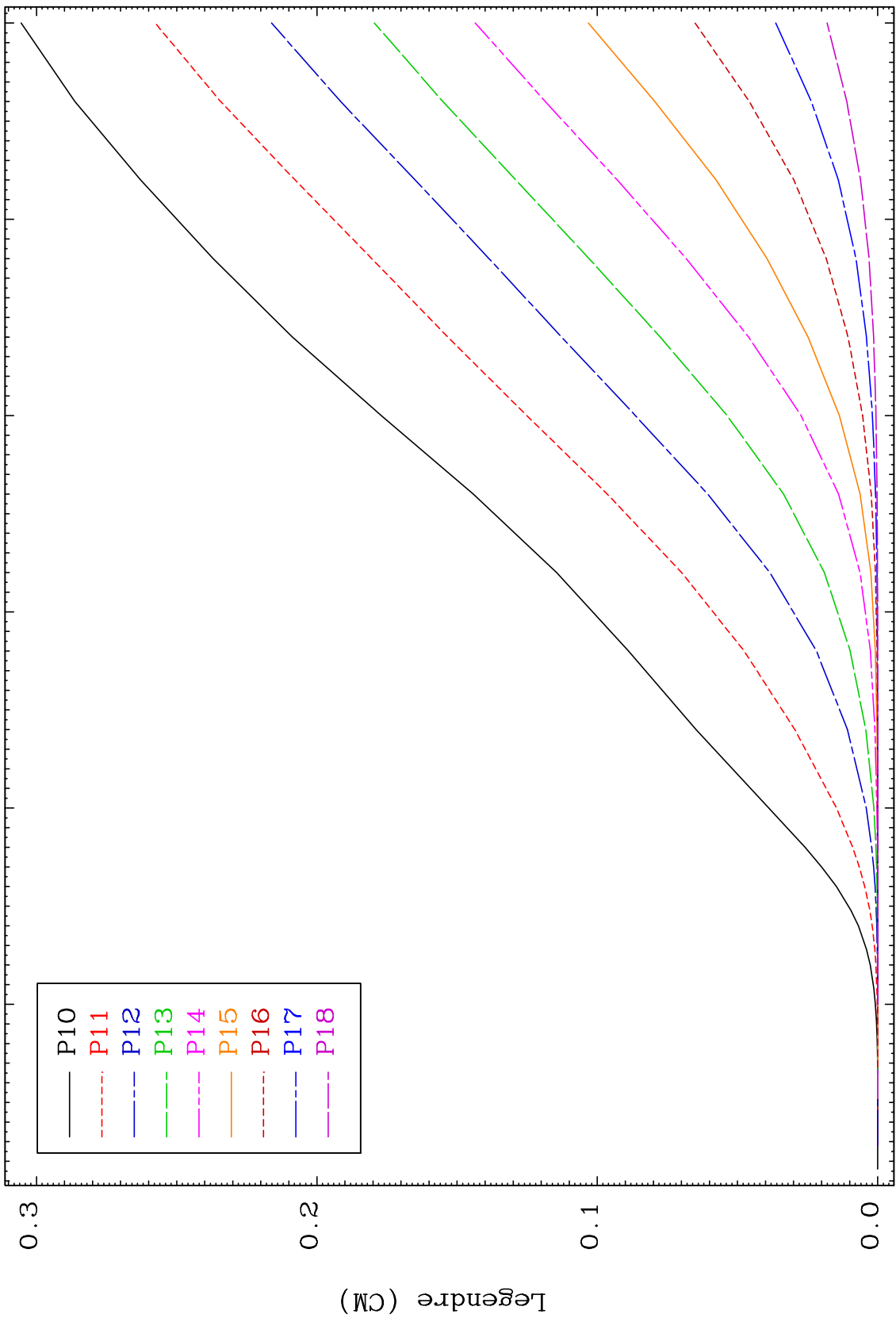
Incident Energy (MeV)

51-Sb-125

MAT 5137

Elastic Legendre Coefficients

51-Sb-125



18

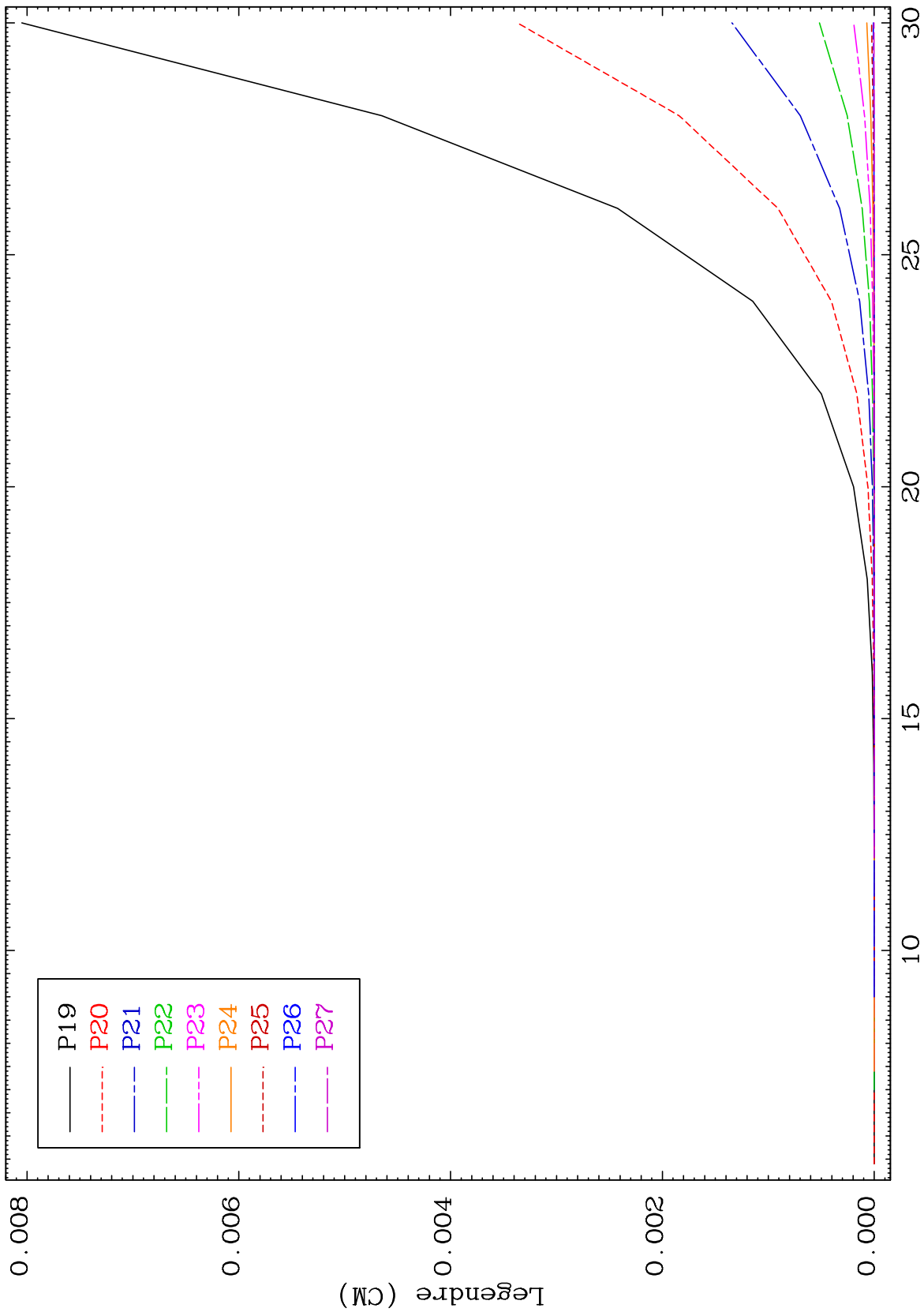
Incident Energy (MeV)

51-Sb-125

MAT 5137

Elastic
Legendre Coefficients

51-Sb-125



19

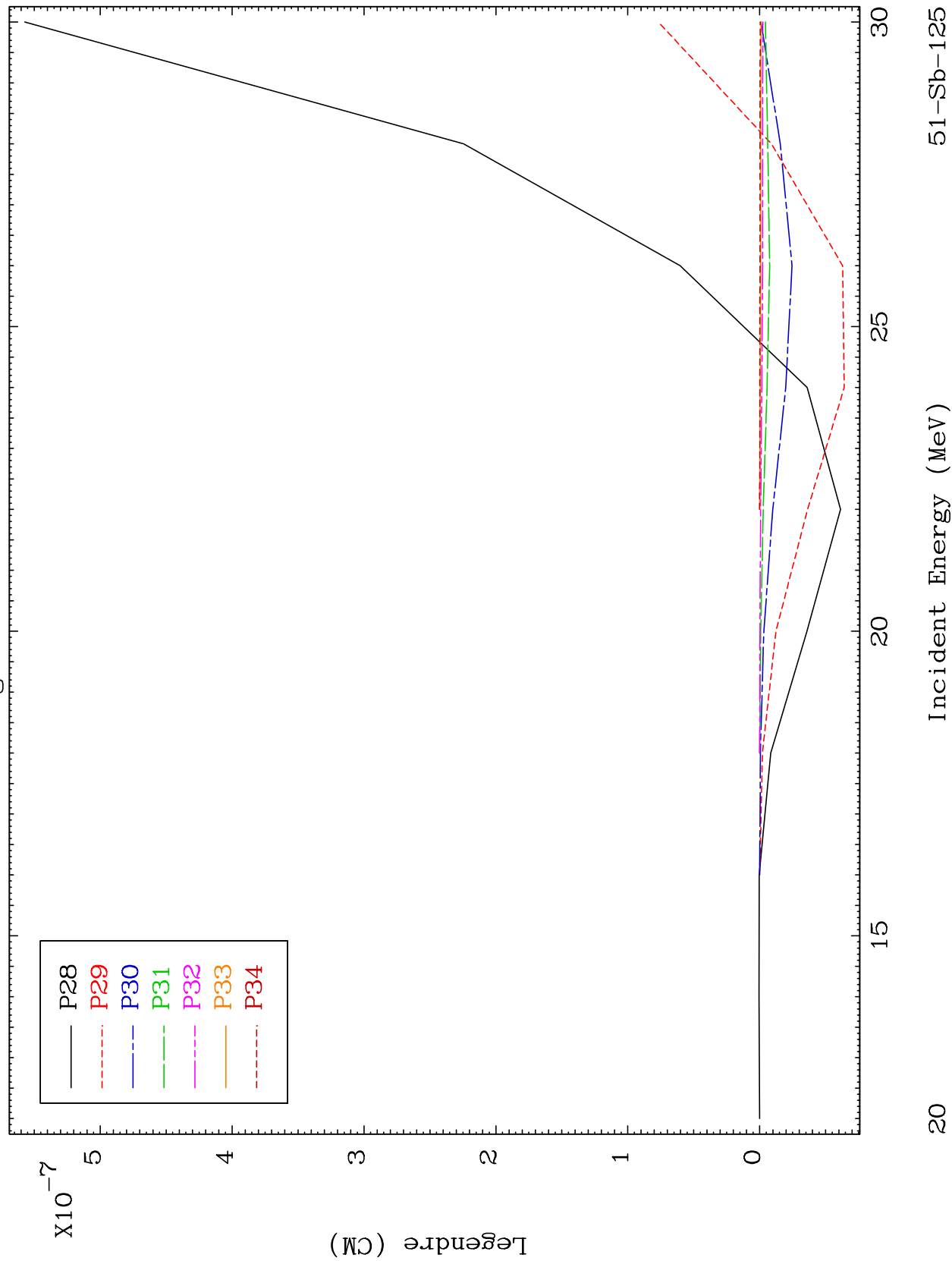
Incident Energy (MeV)

51-Sb-125

MAT 5137

Elastic Legendre Coefficients

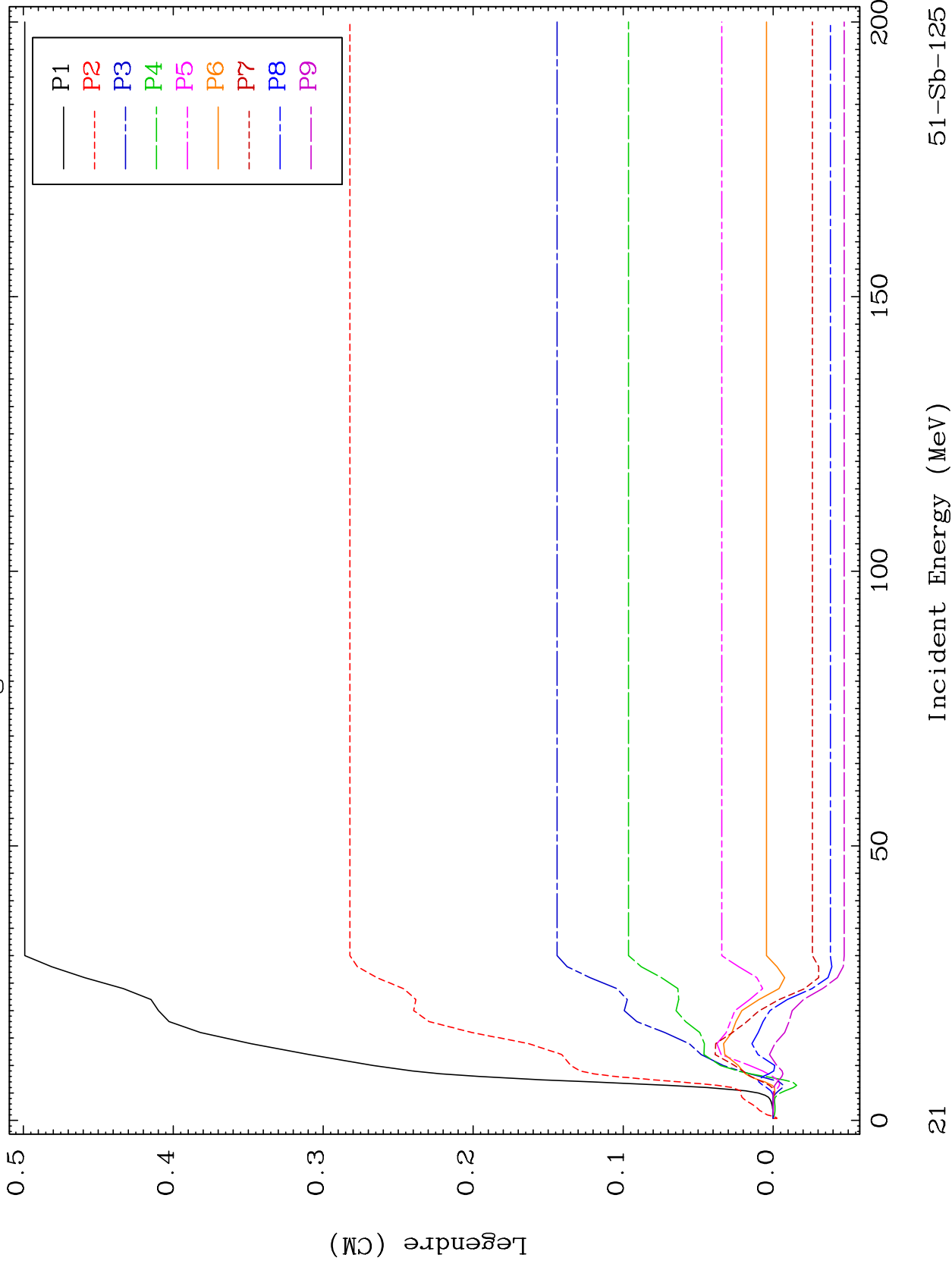
51-Sb-125



MAT 5137

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

51-Sb-125



21

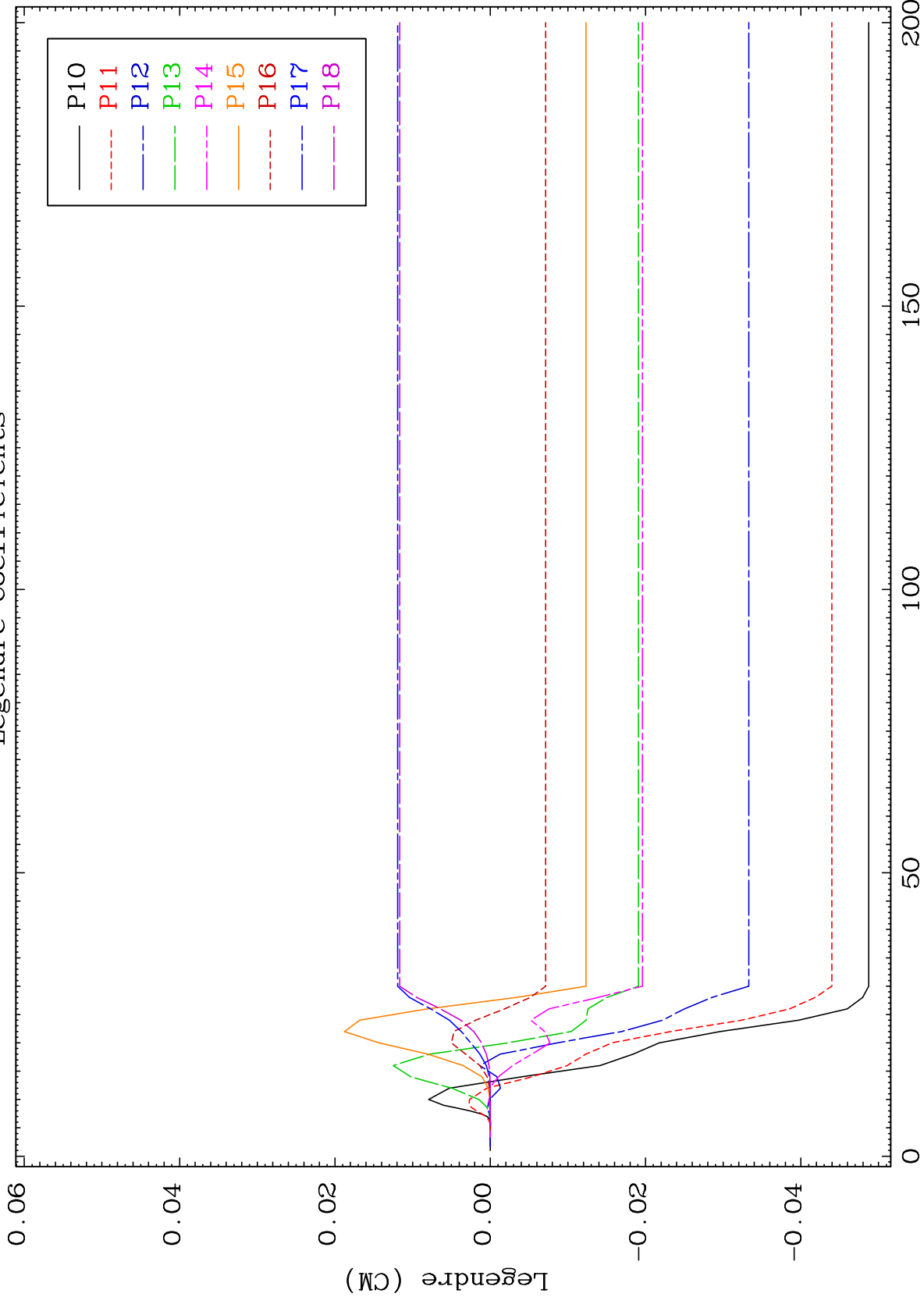
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

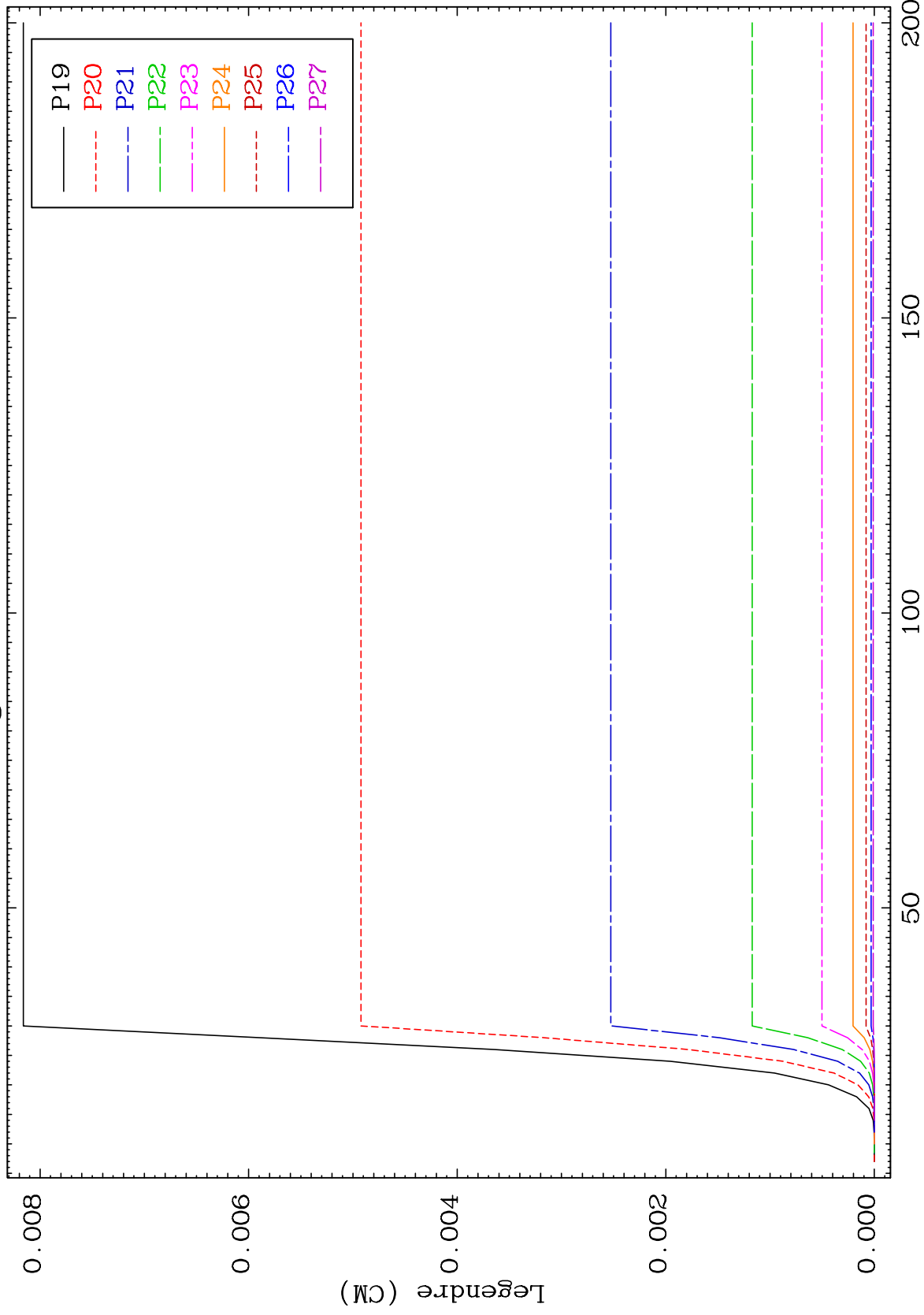
51-Sb-125



MAT 5137

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

51-Sb-125



23

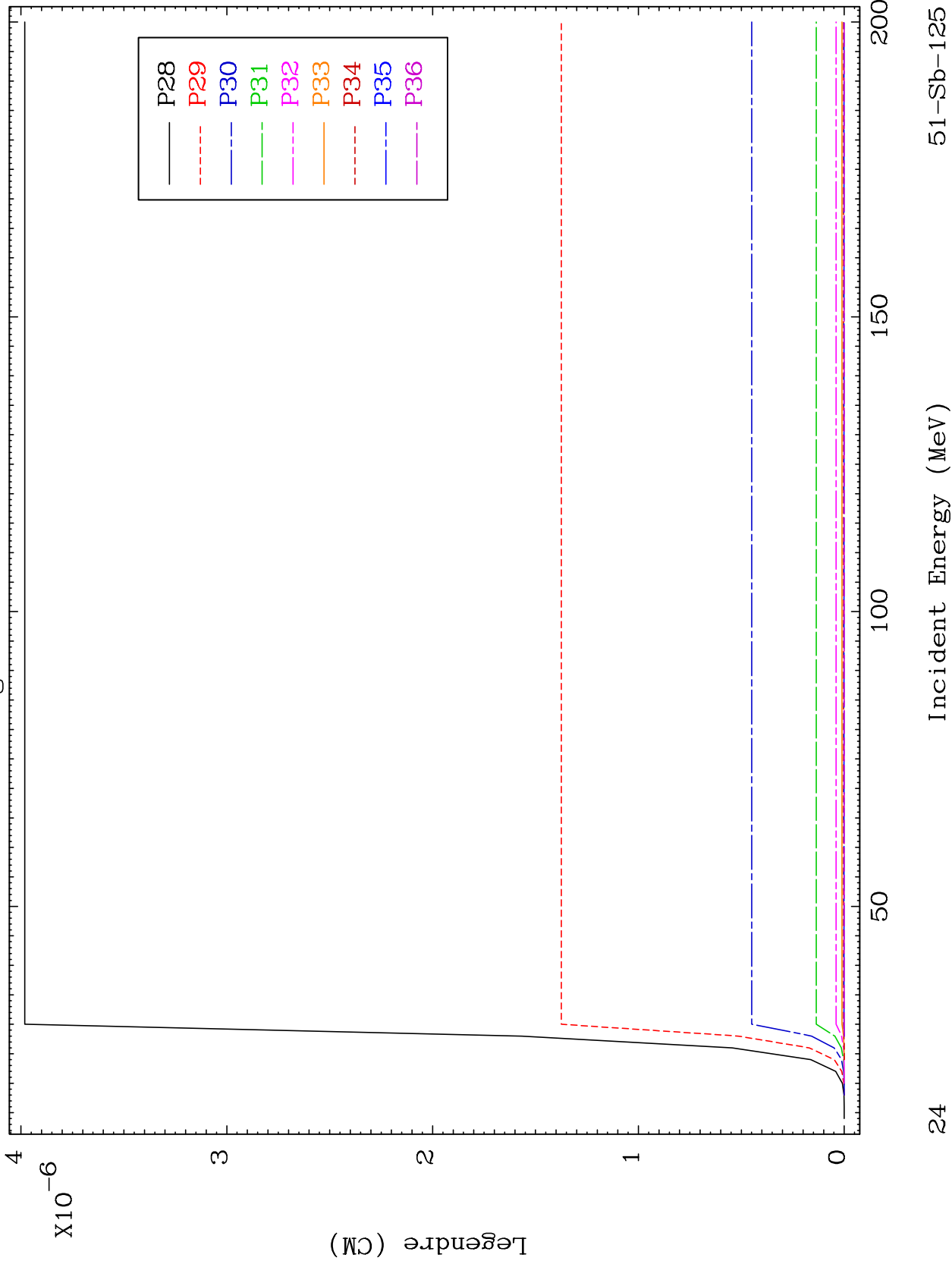
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



24

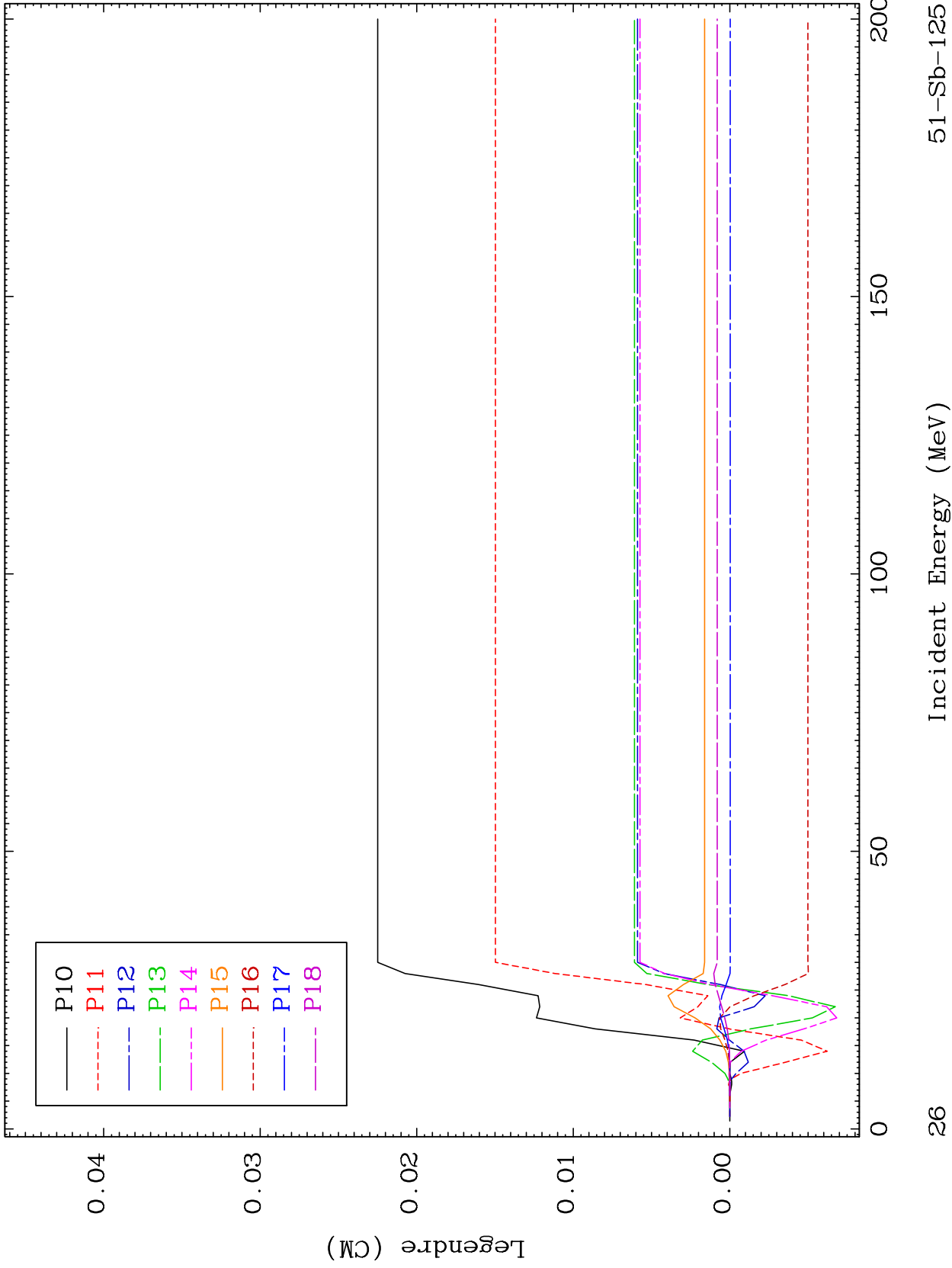
Incident Energy (MeV)

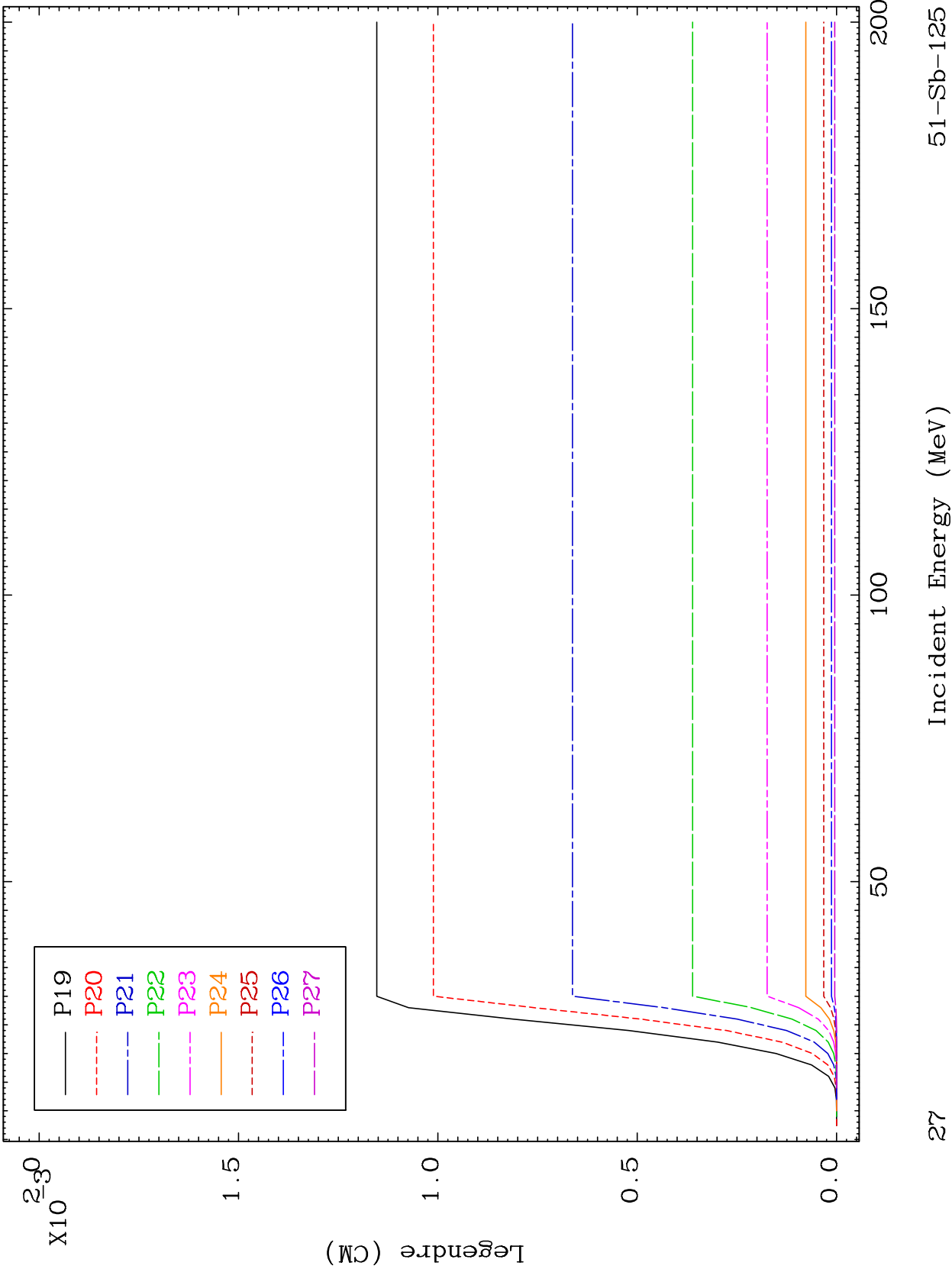
51-Sb-125

MAT 5137

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

51-Sb-125

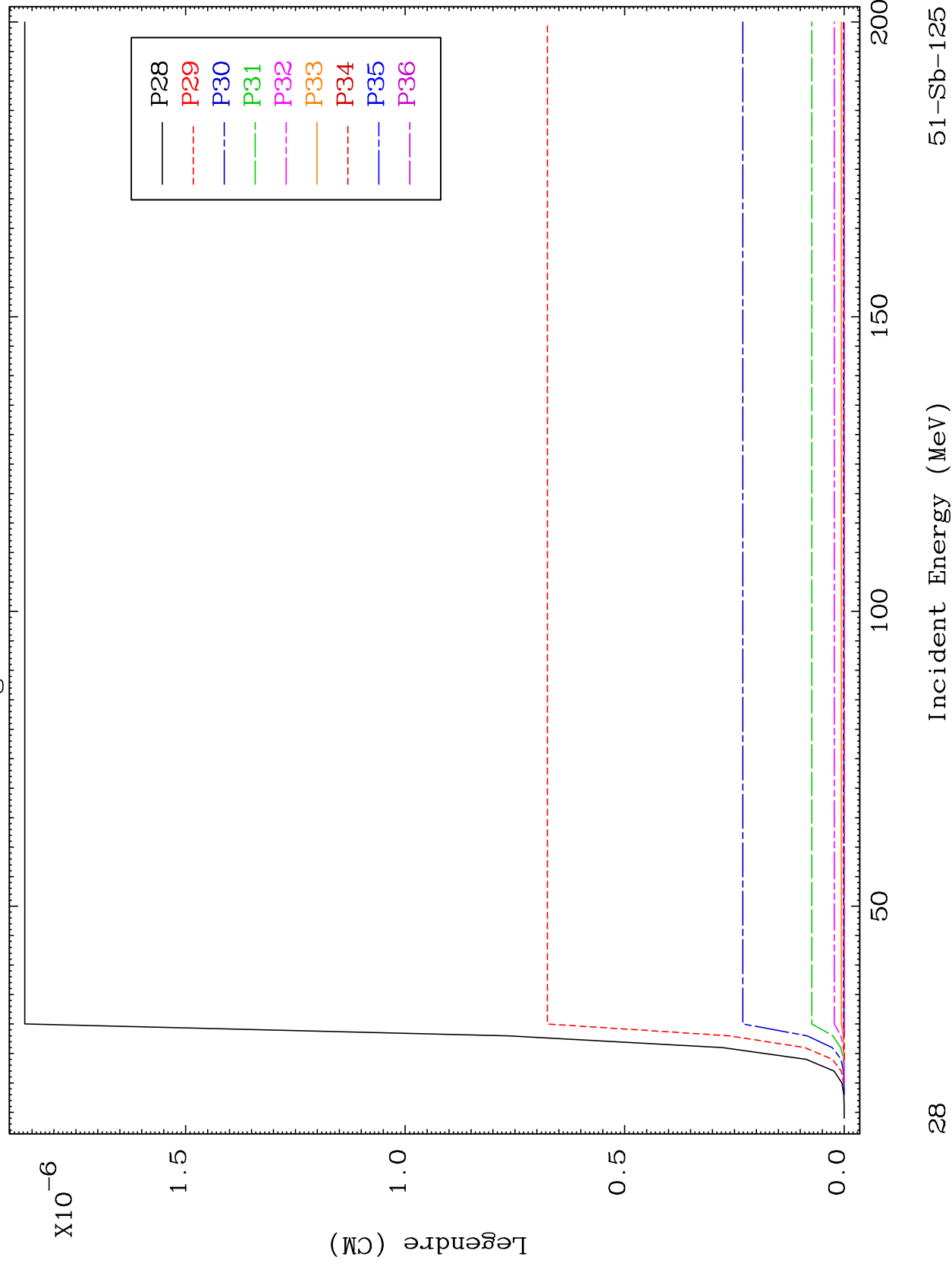




MAT 5137

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

51-Sb-125



28

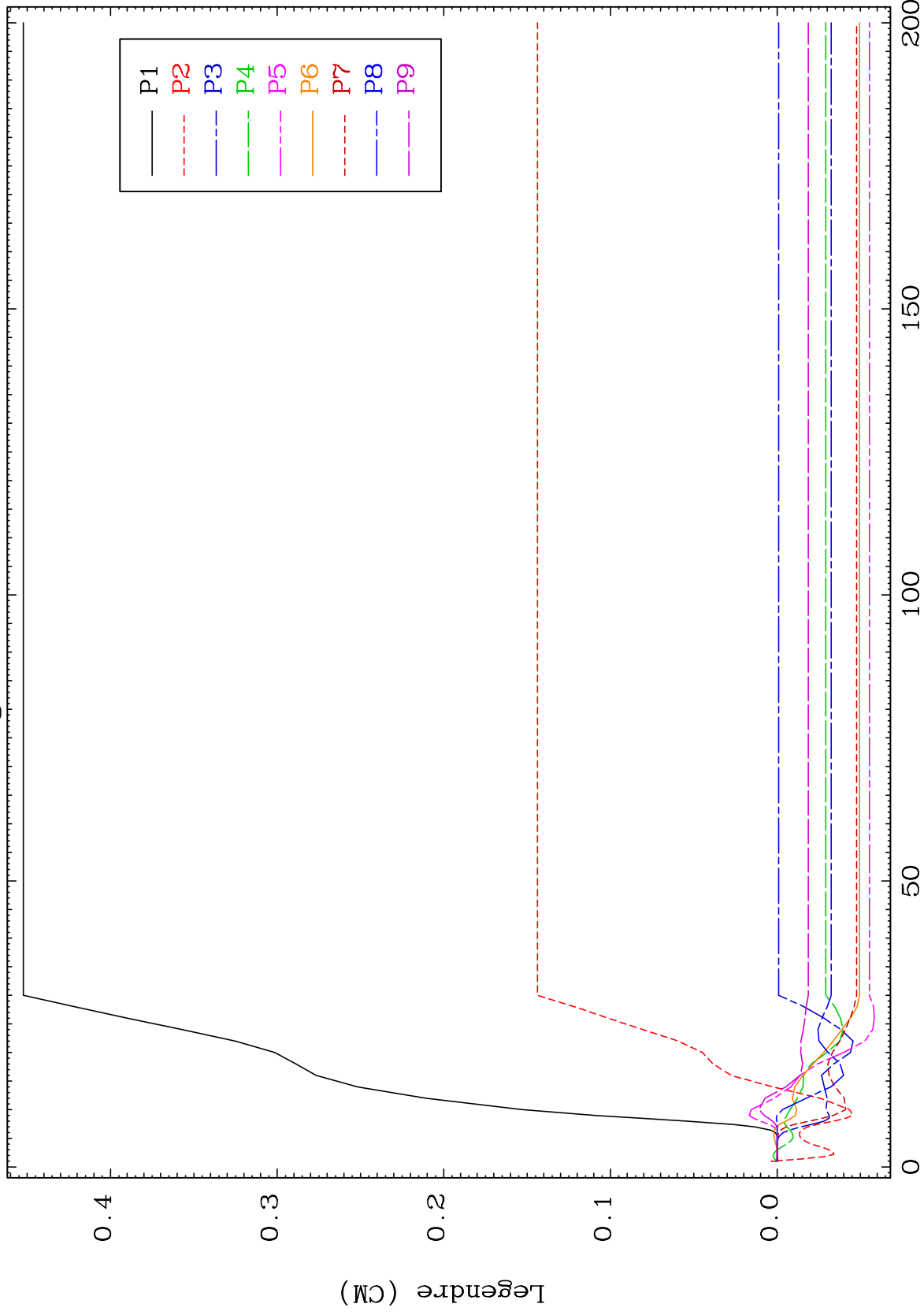
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



29

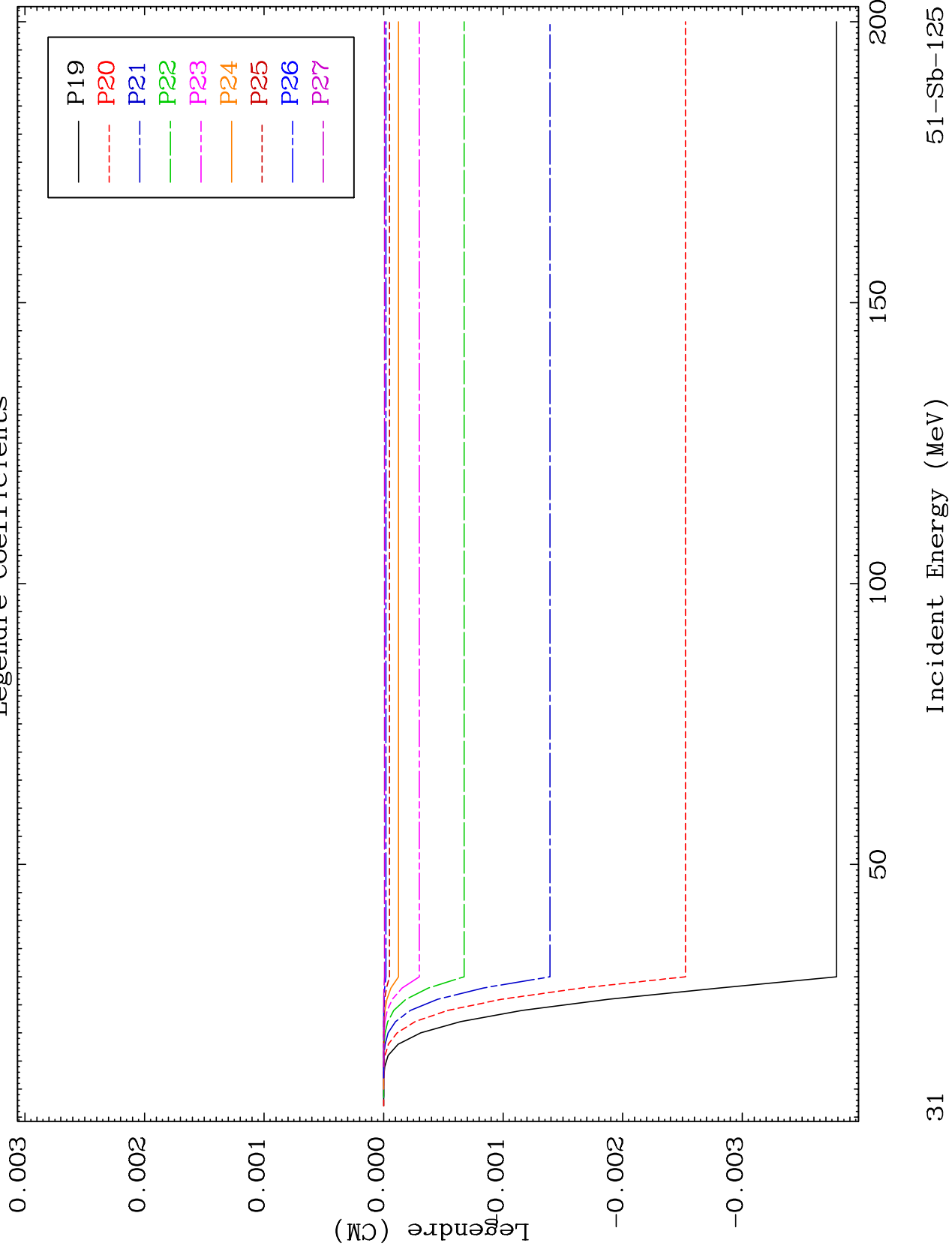
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

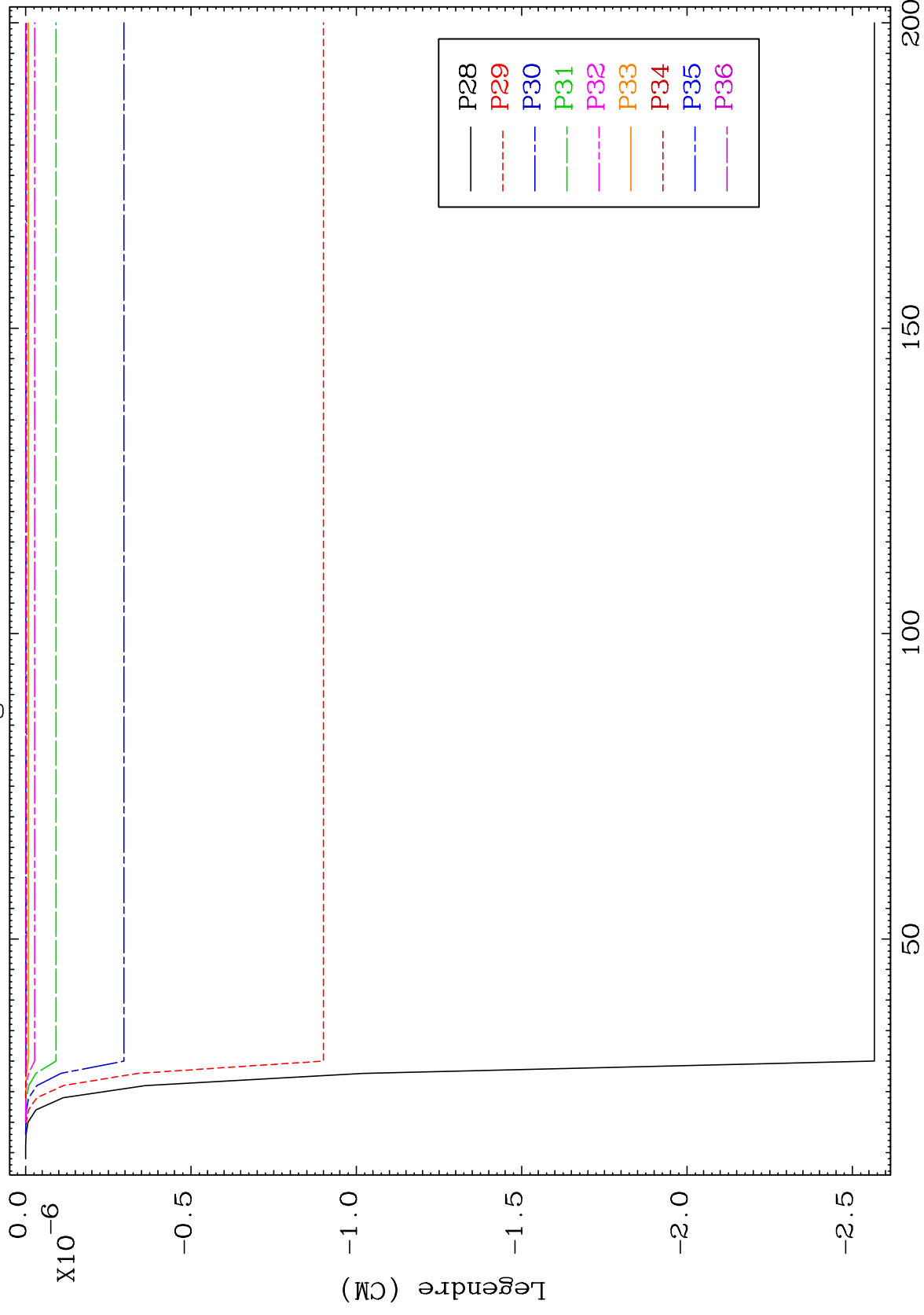
51-Sb-125



MAT 5137

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

51-Sb-125



32

Incident Energy (MeV)

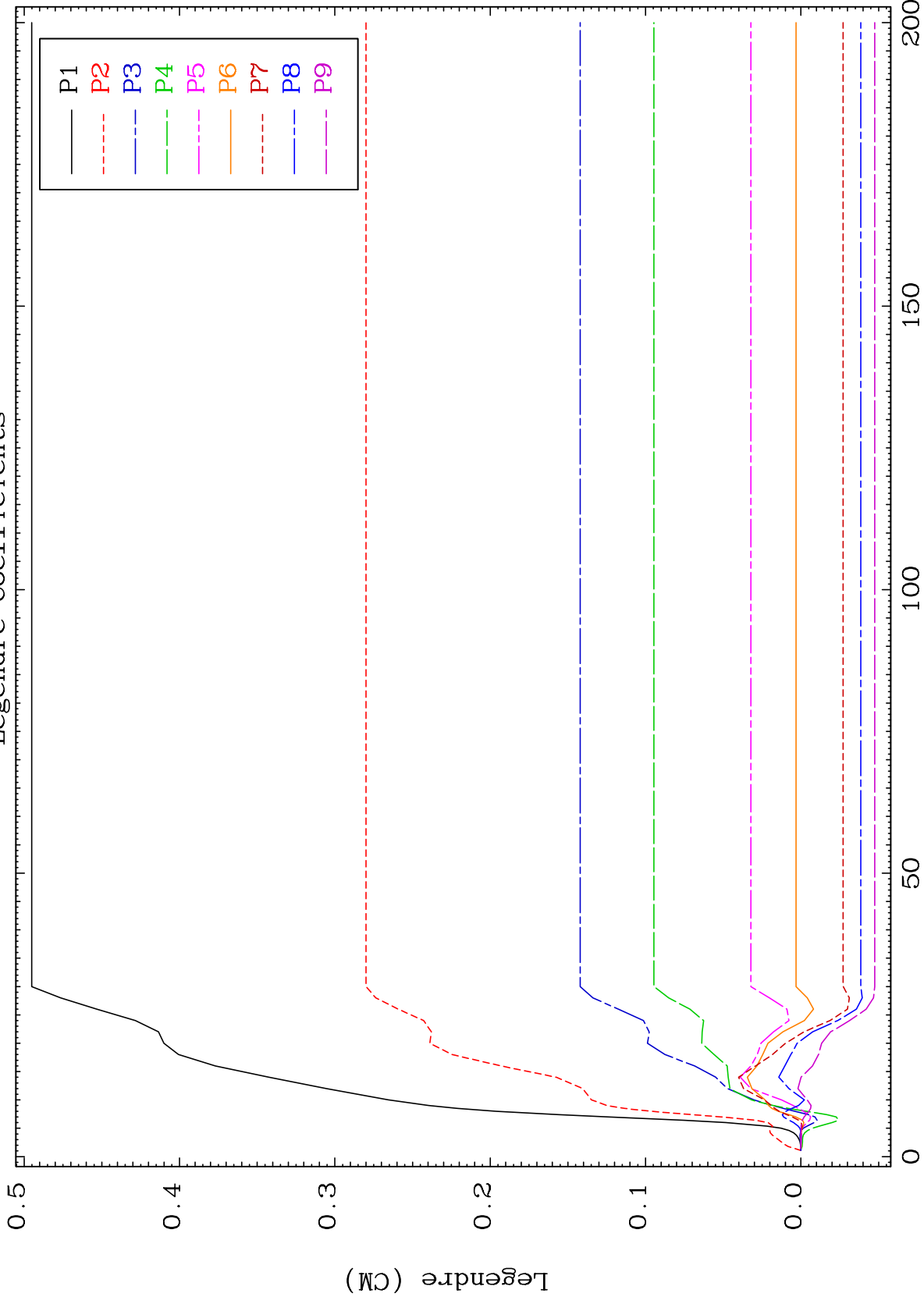
51-Sb-125

MAT 5137

MT= 54 (n,n') Level

51-Sb-125

Legendre Coefficients



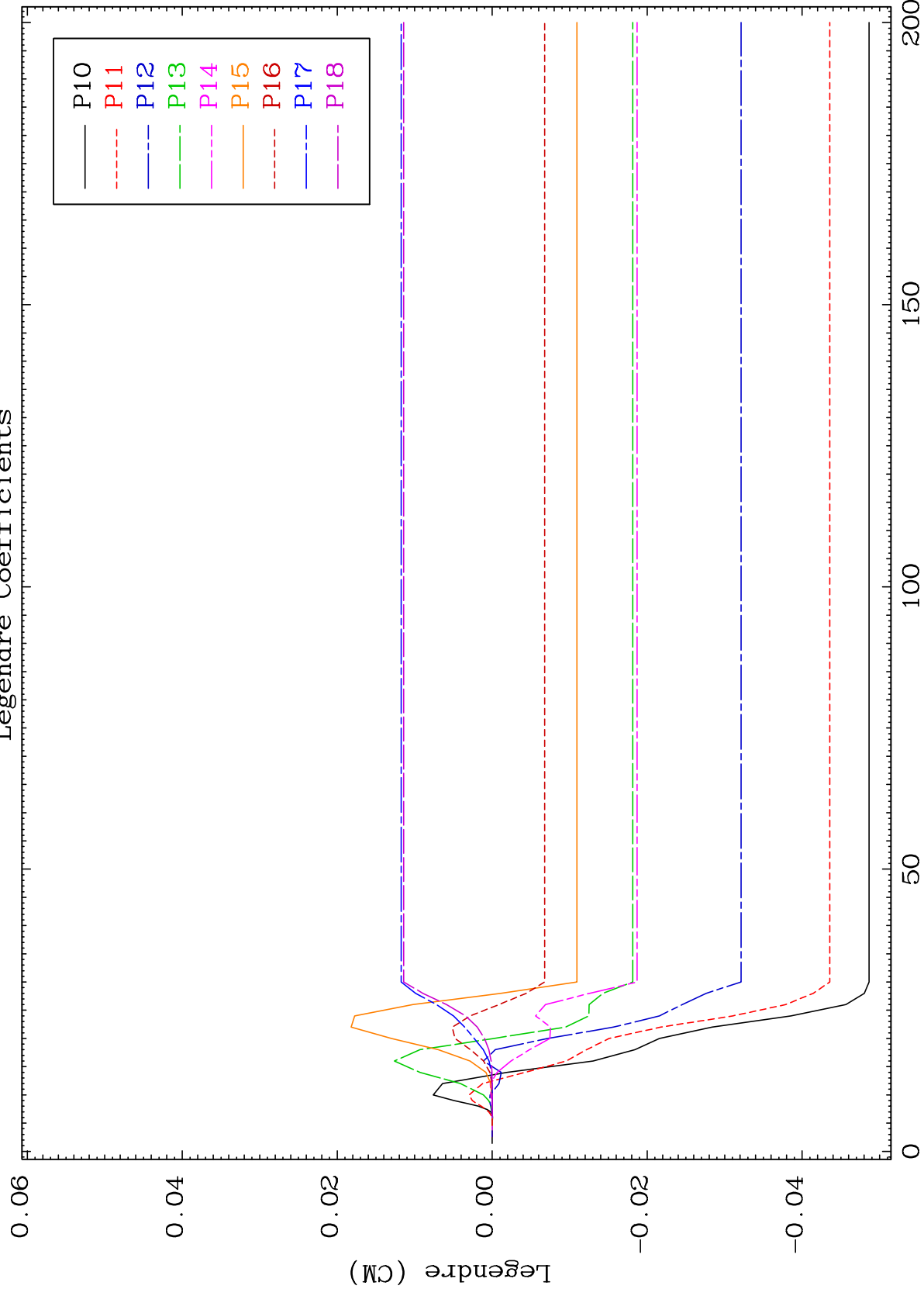
33

51-Sb-125

MAT 5137

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

51-Sb-125



34

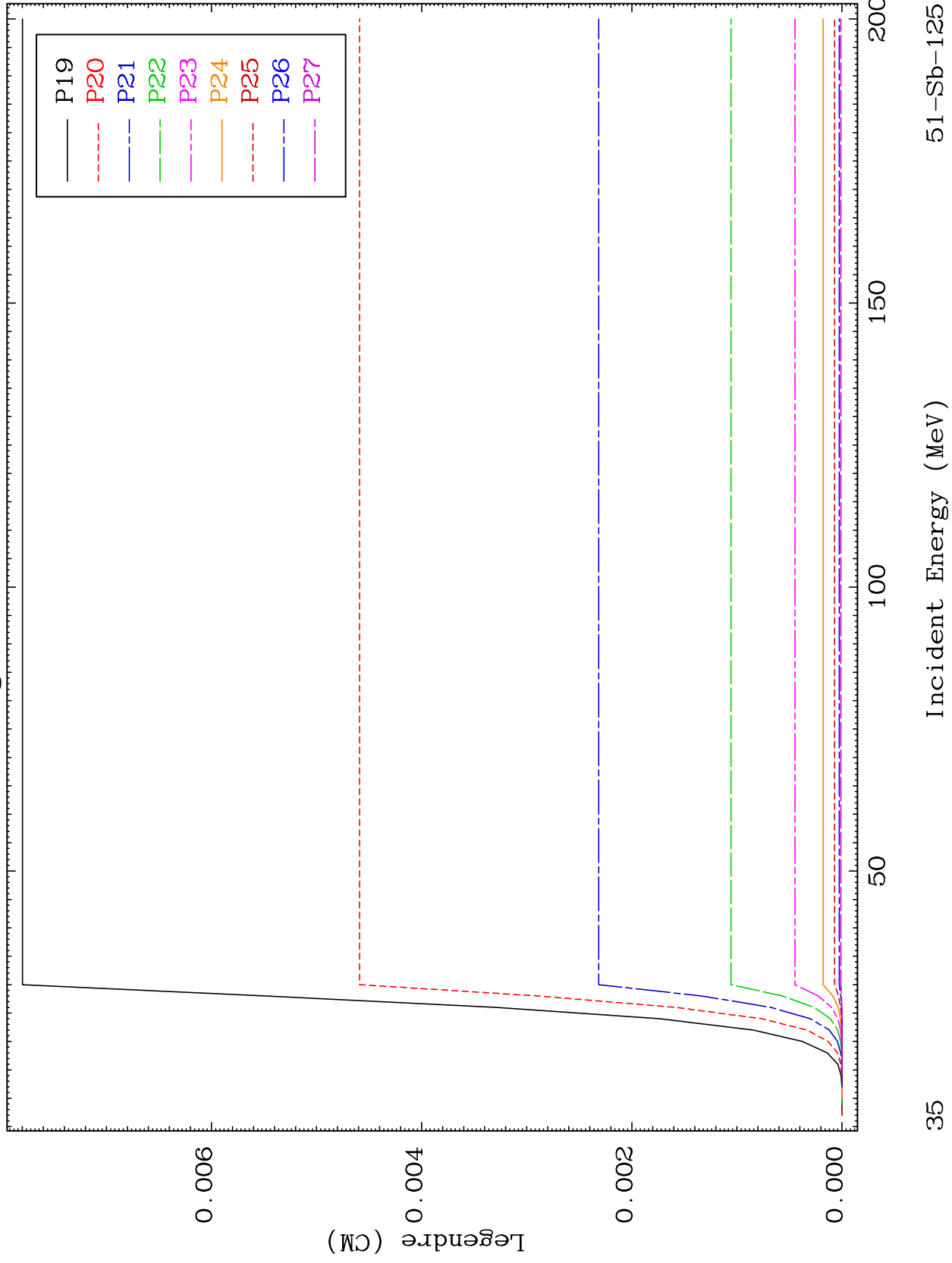
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



35

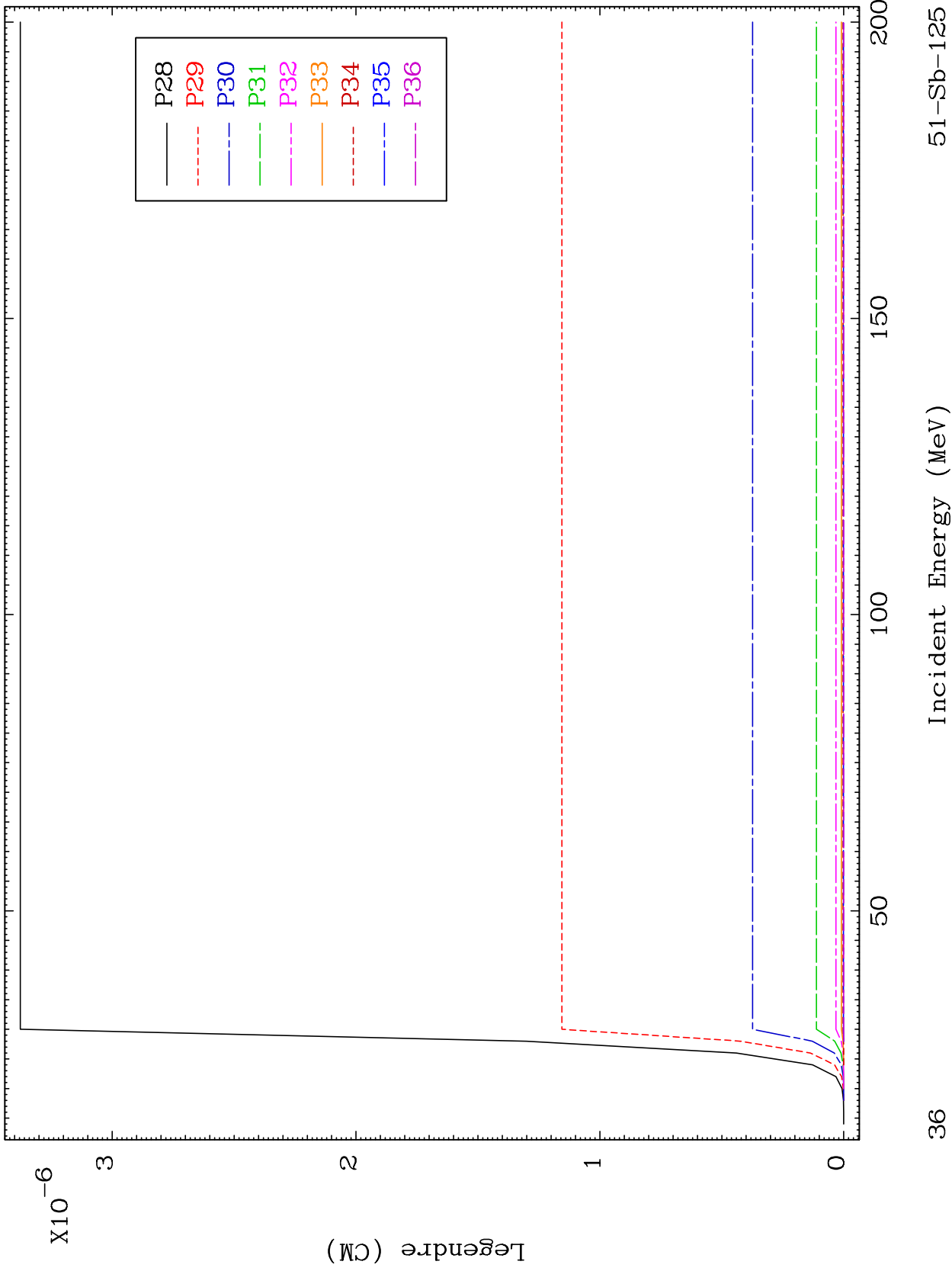
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

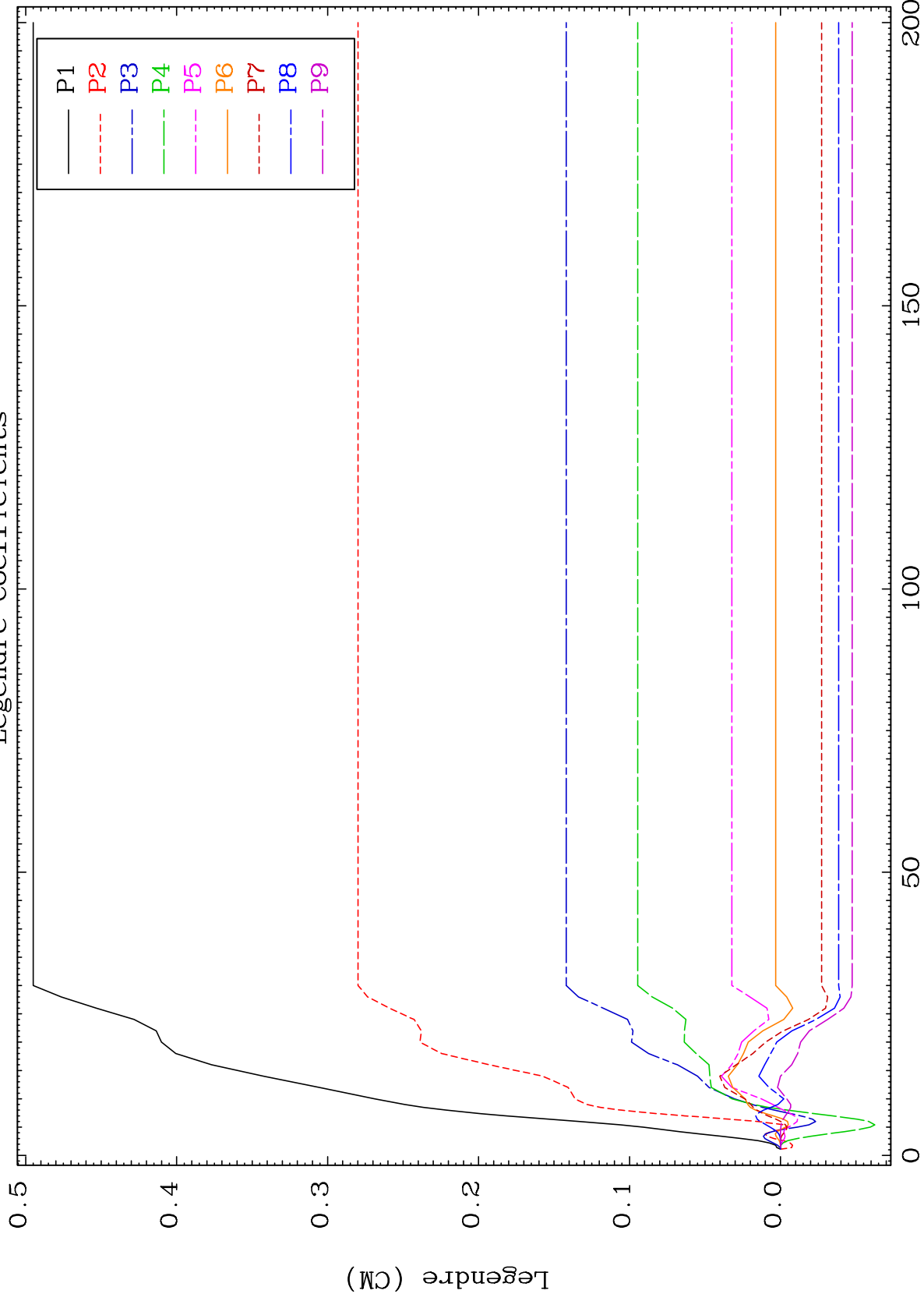
51-Sb-125



MAT 5137

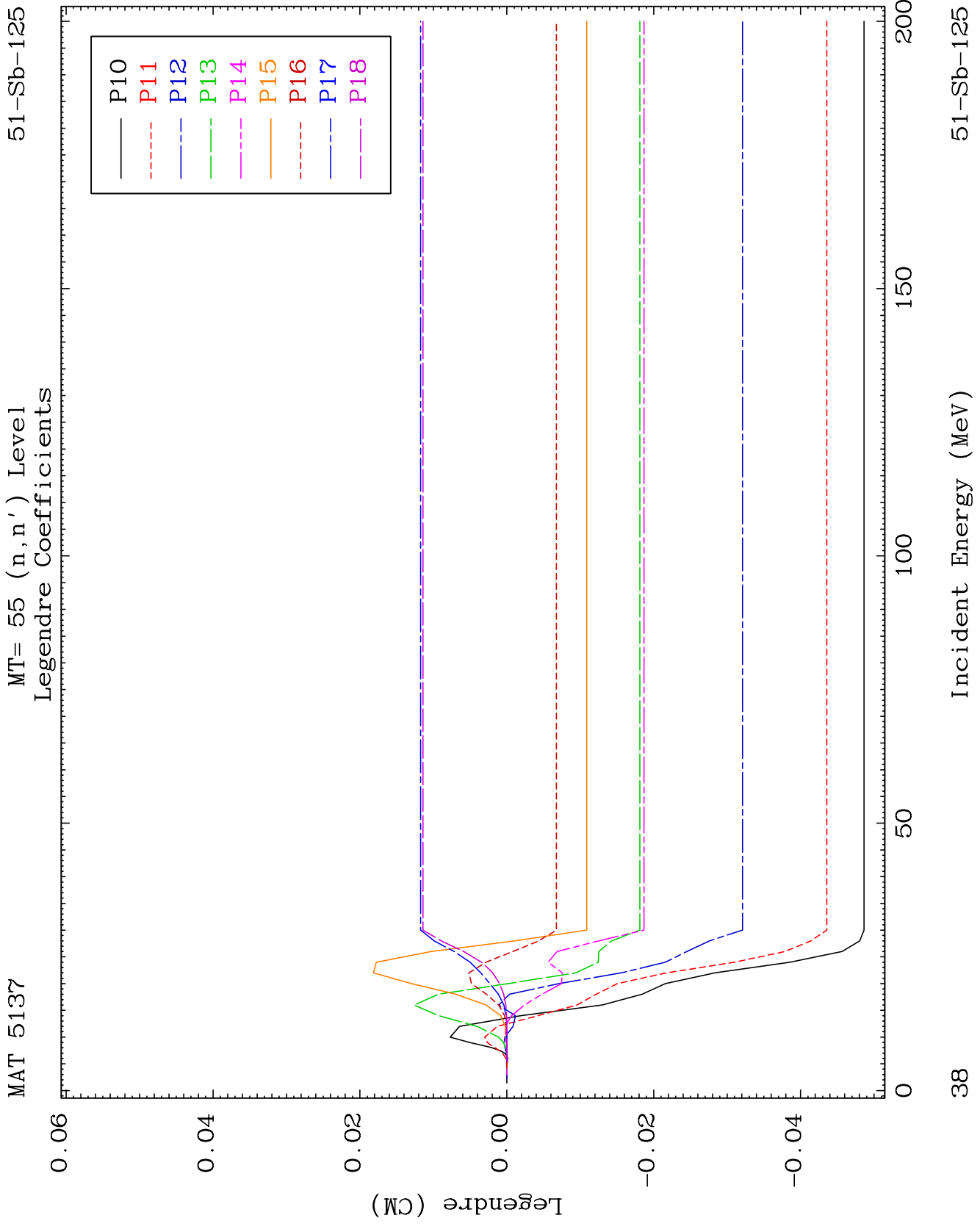
MT= 55 (n,n') Level
Legendre Coefficients

51-Sb-125



37

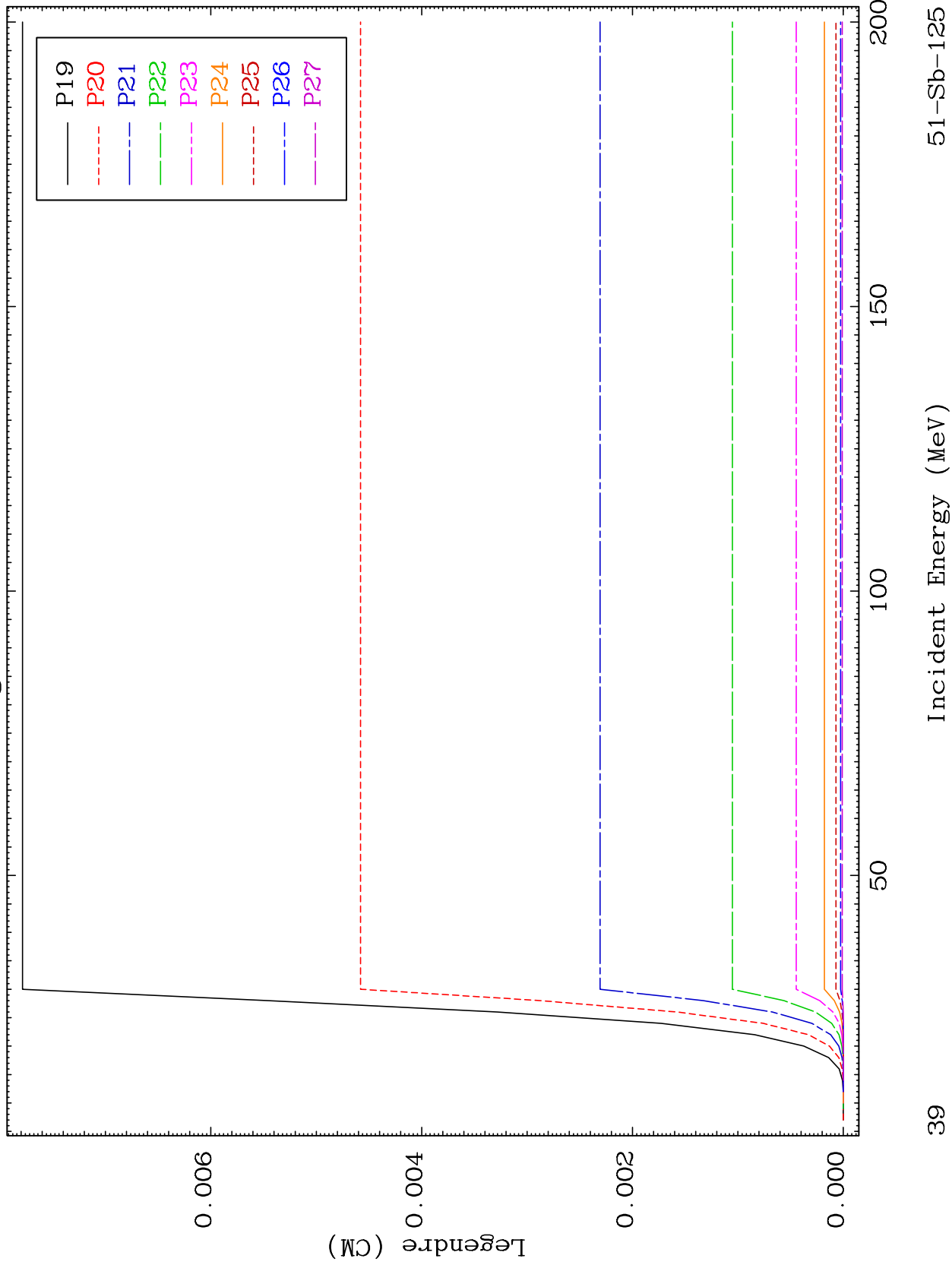
51-Sb-125



MAT 5137

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

51-Sb-125



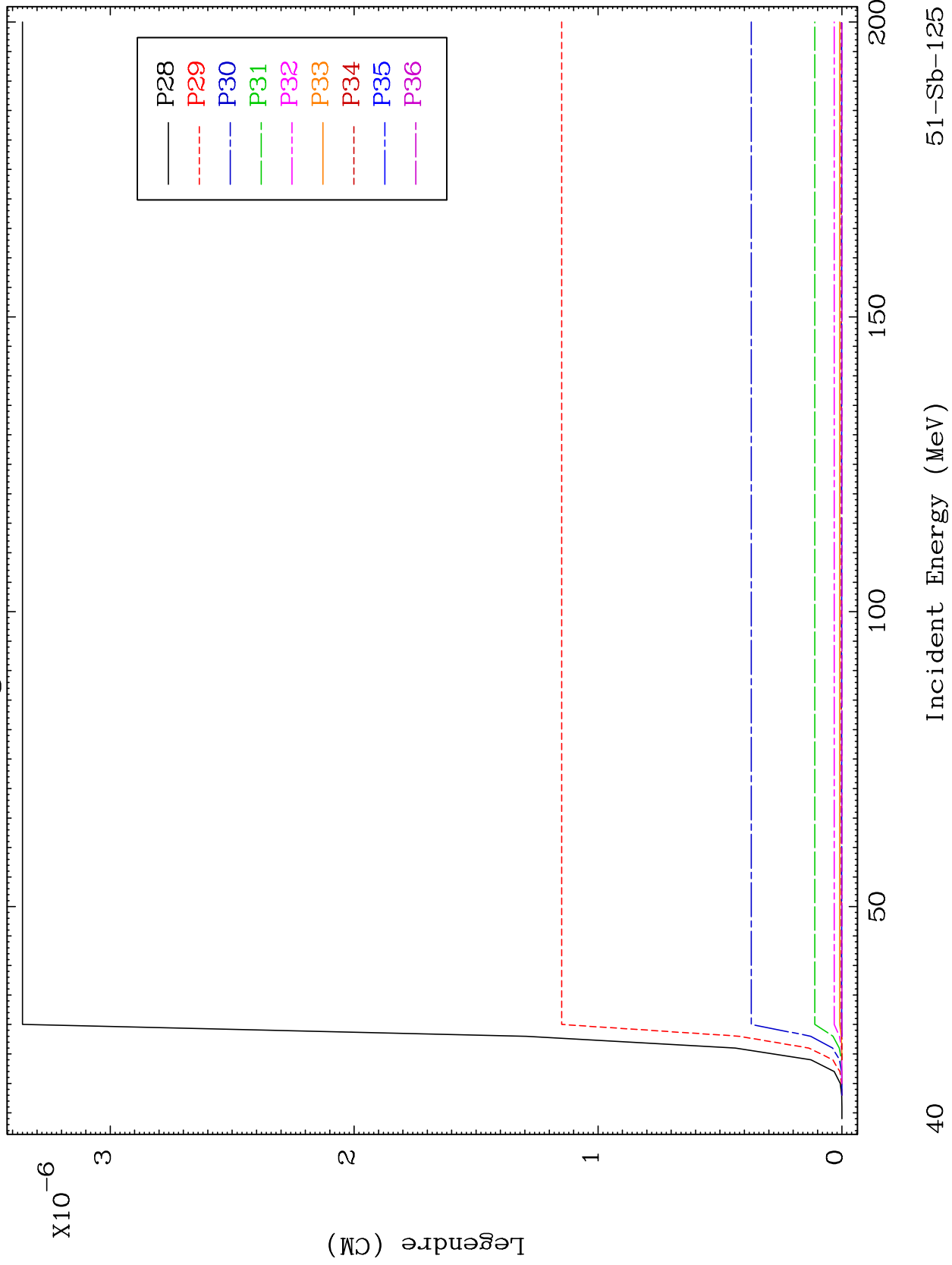
39

51-Sb-125

MAT 5137

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

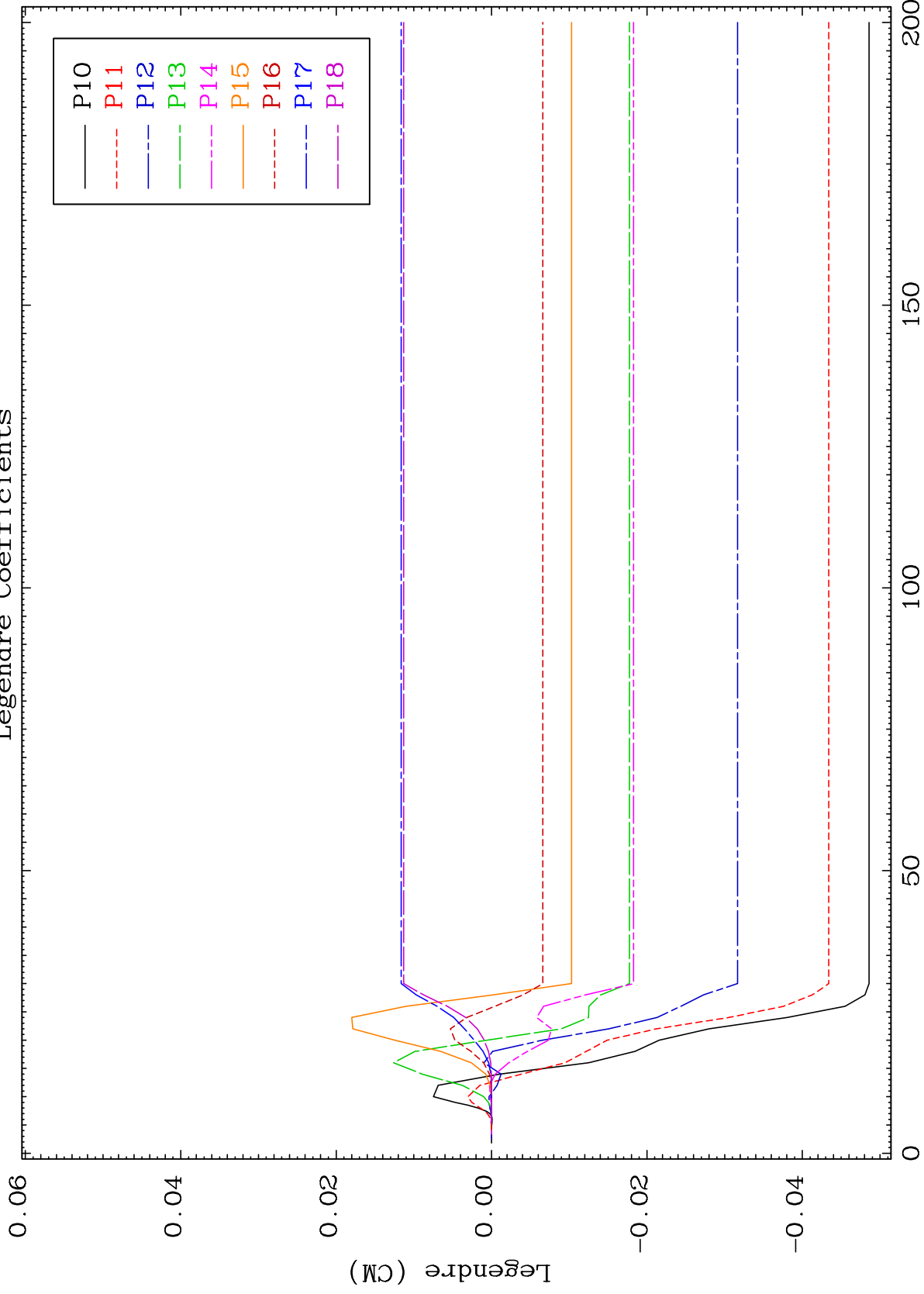
51-Sb-125



MAT 5137

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

51-Sb-125



42

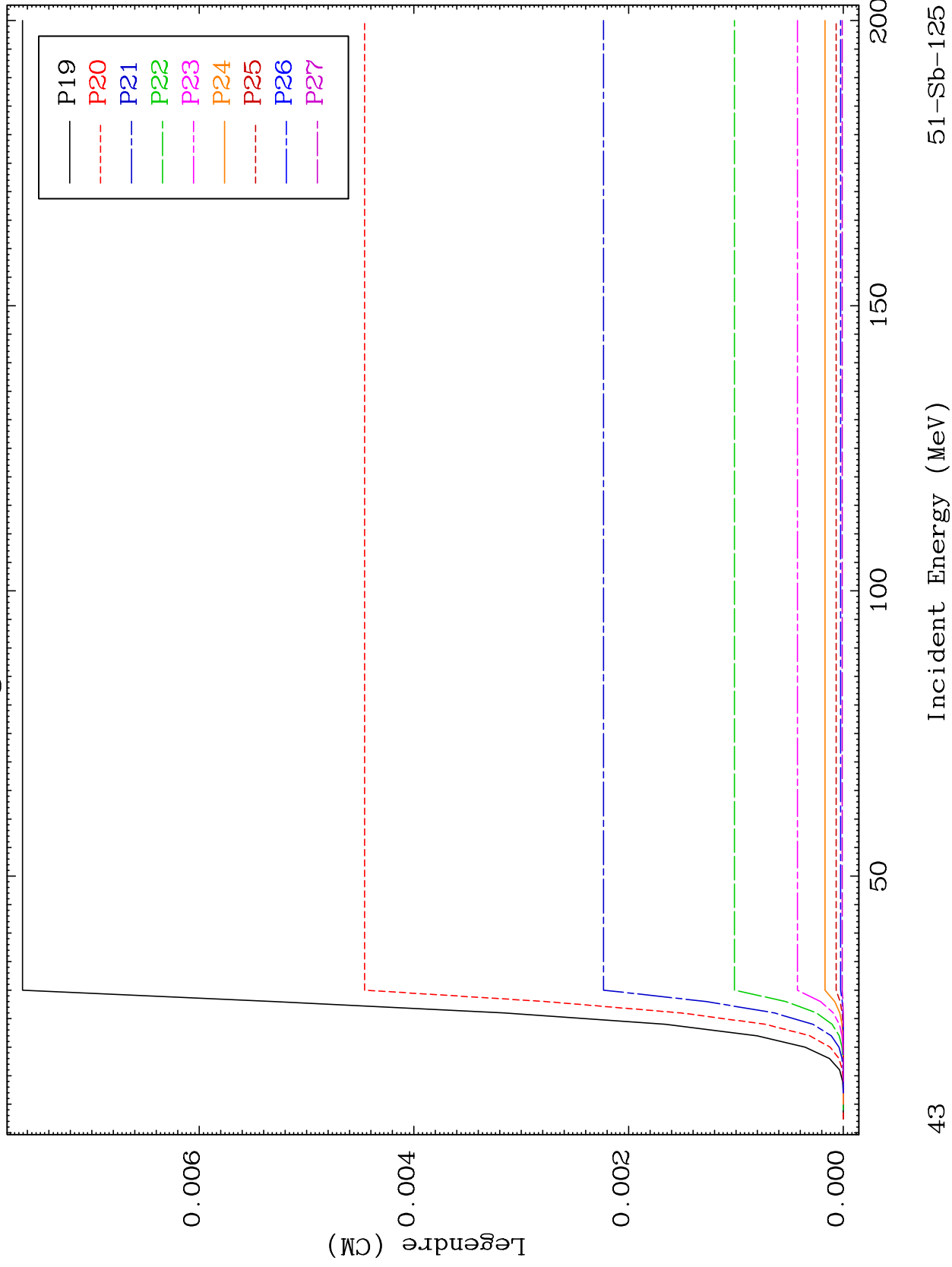
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



43

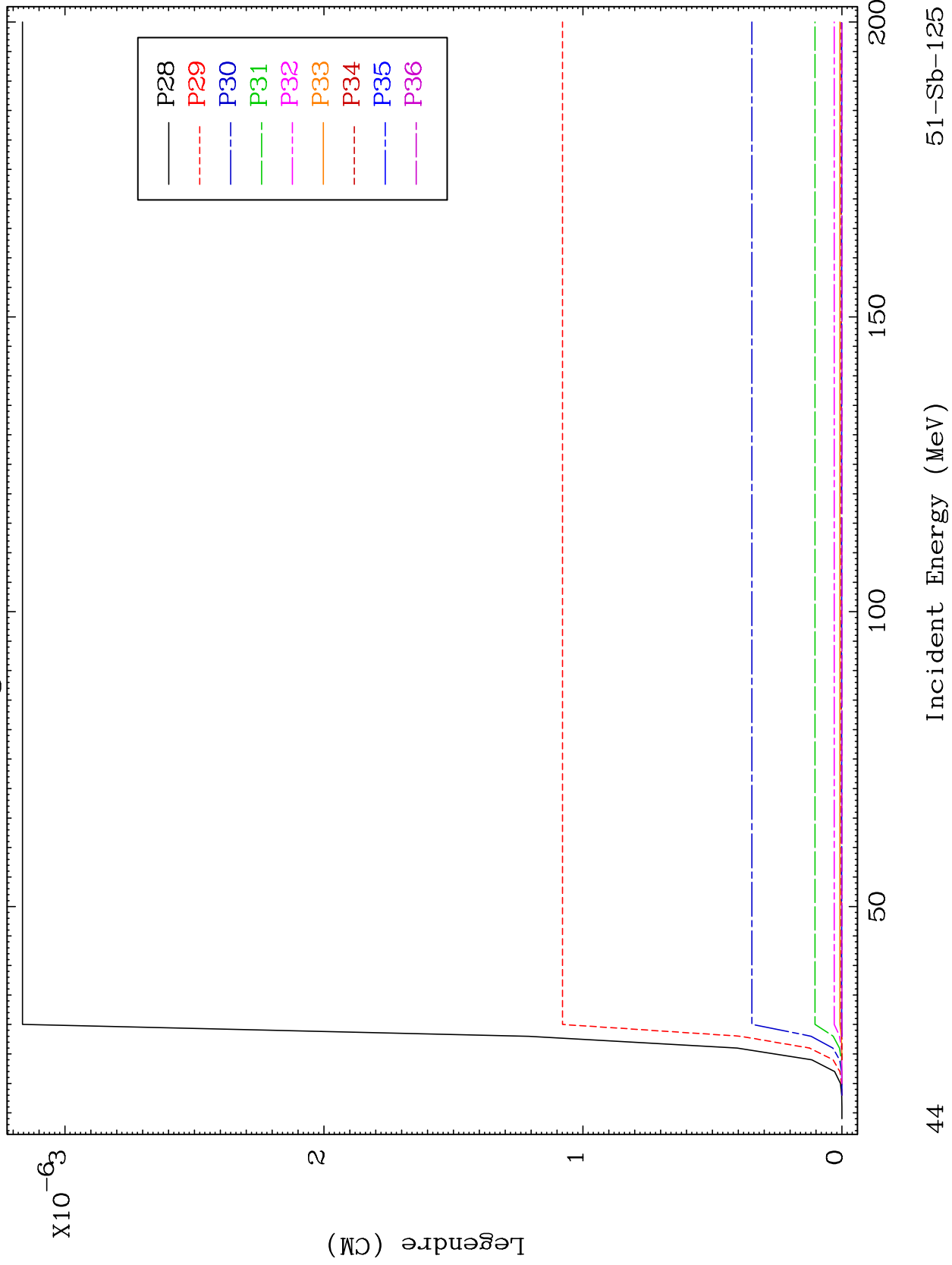
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



44

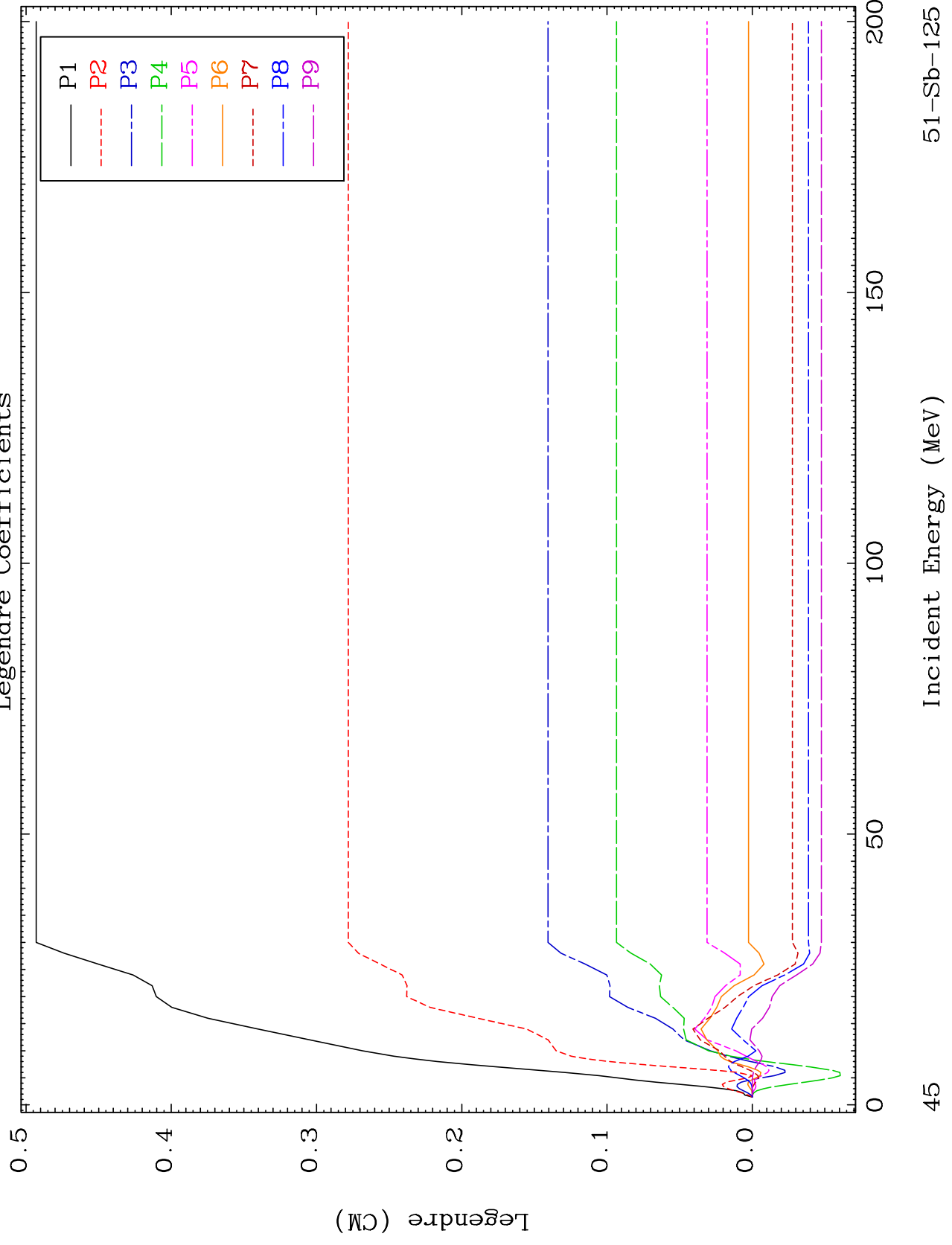
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

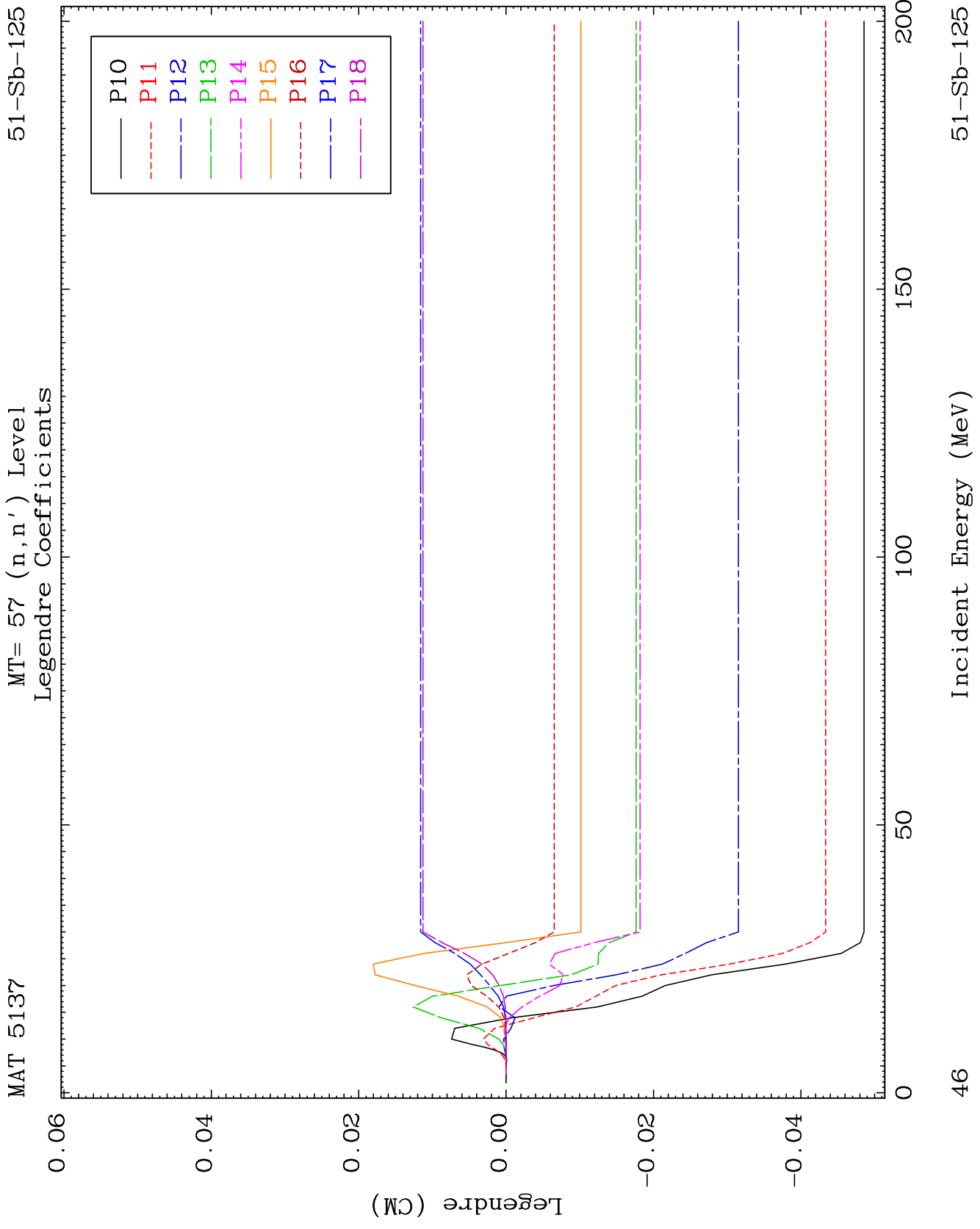
51-Sb-125



51-Sb-125

Incident Energy (MeV)

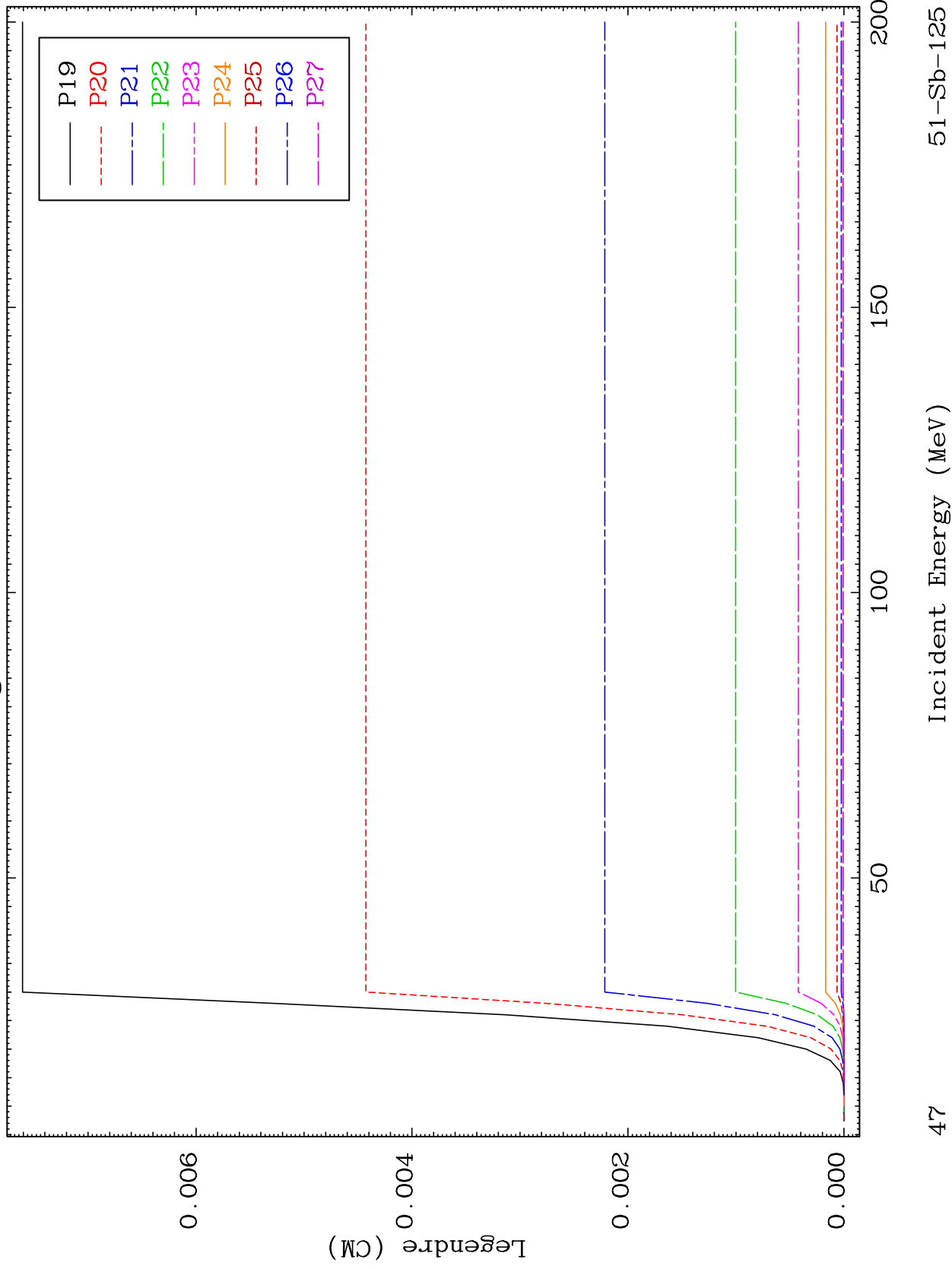
45



MAT 5137

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

51-Sb-125



47

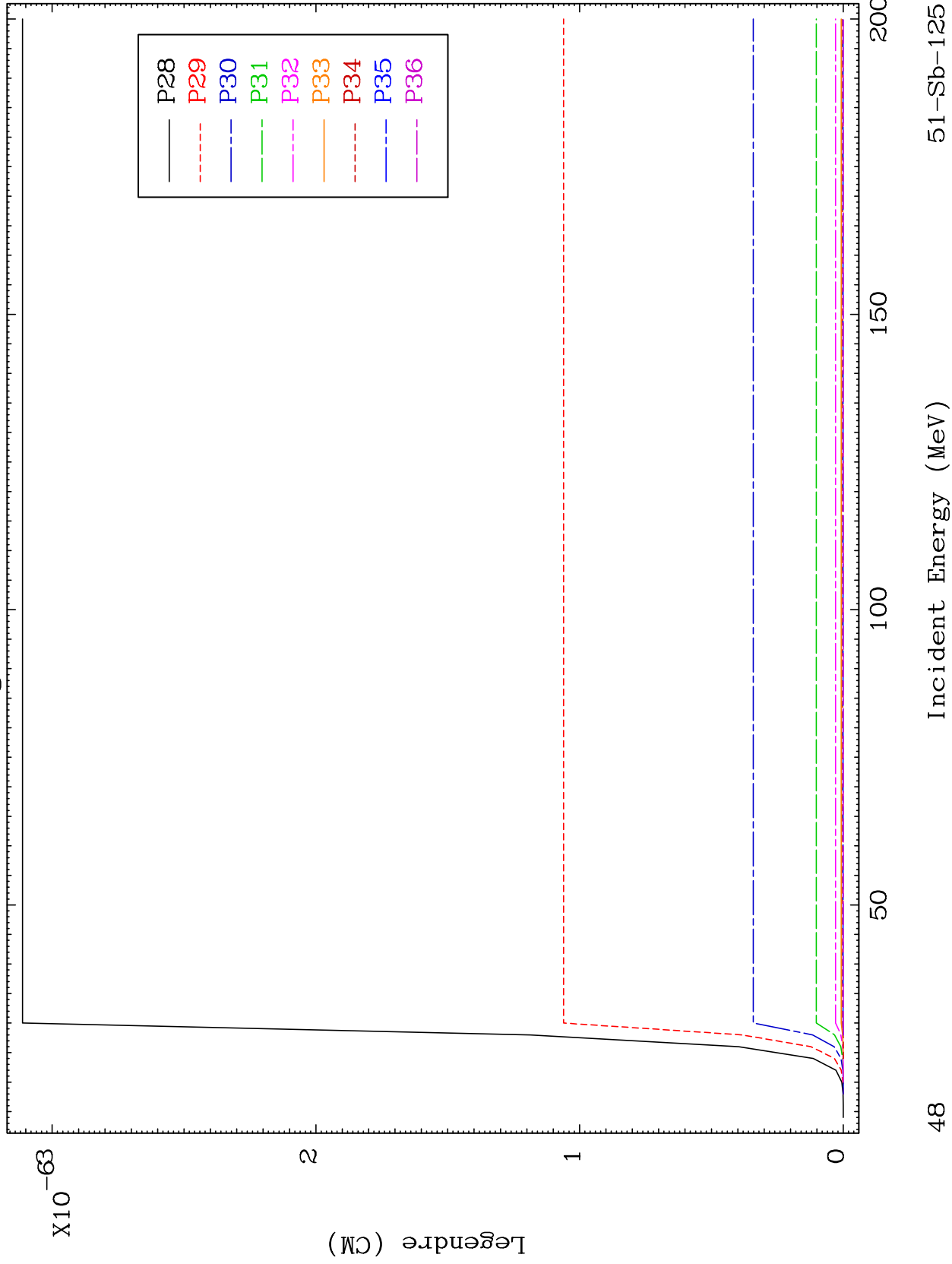
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

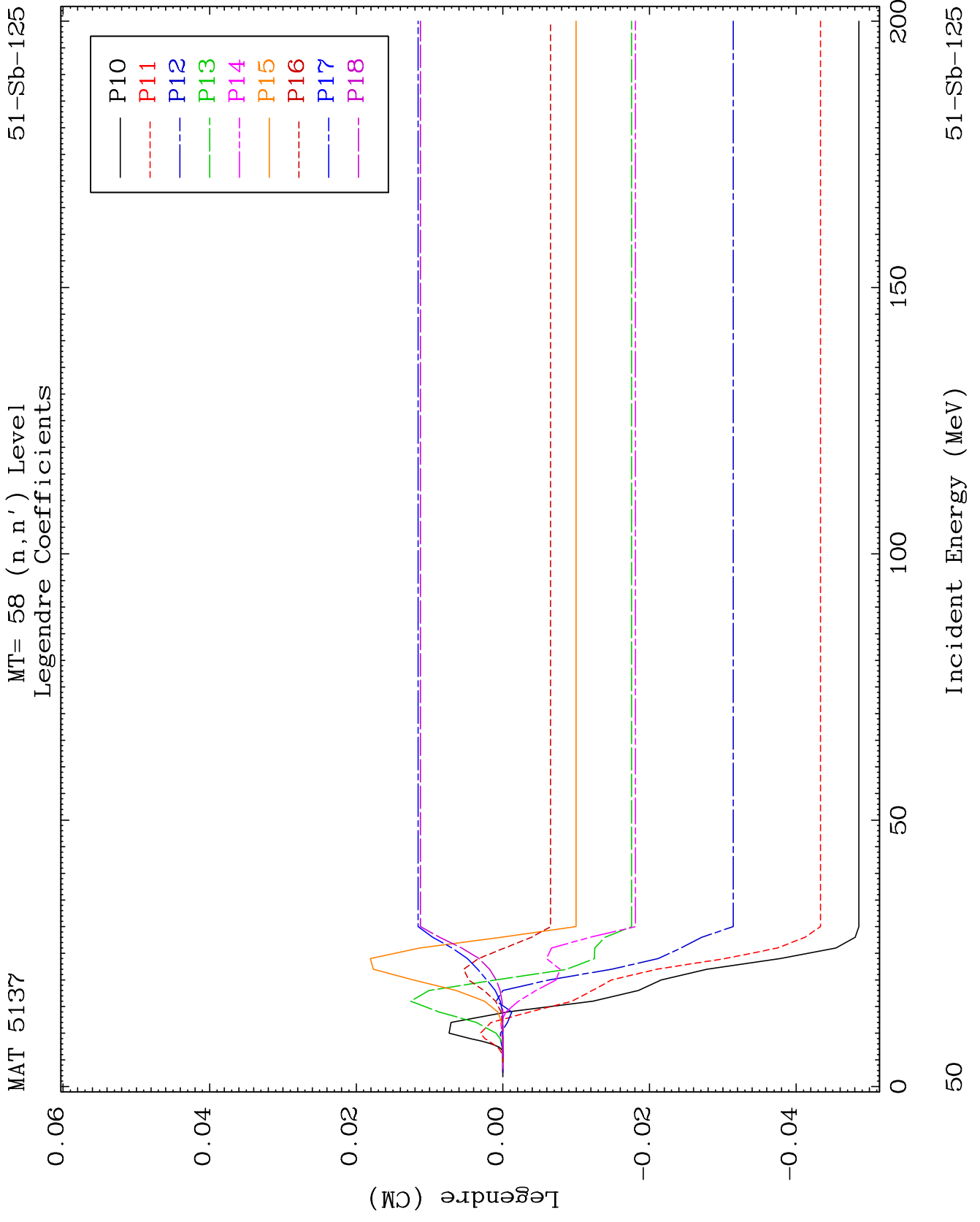
51-Sb-125



48

Incident Energy (MeV)

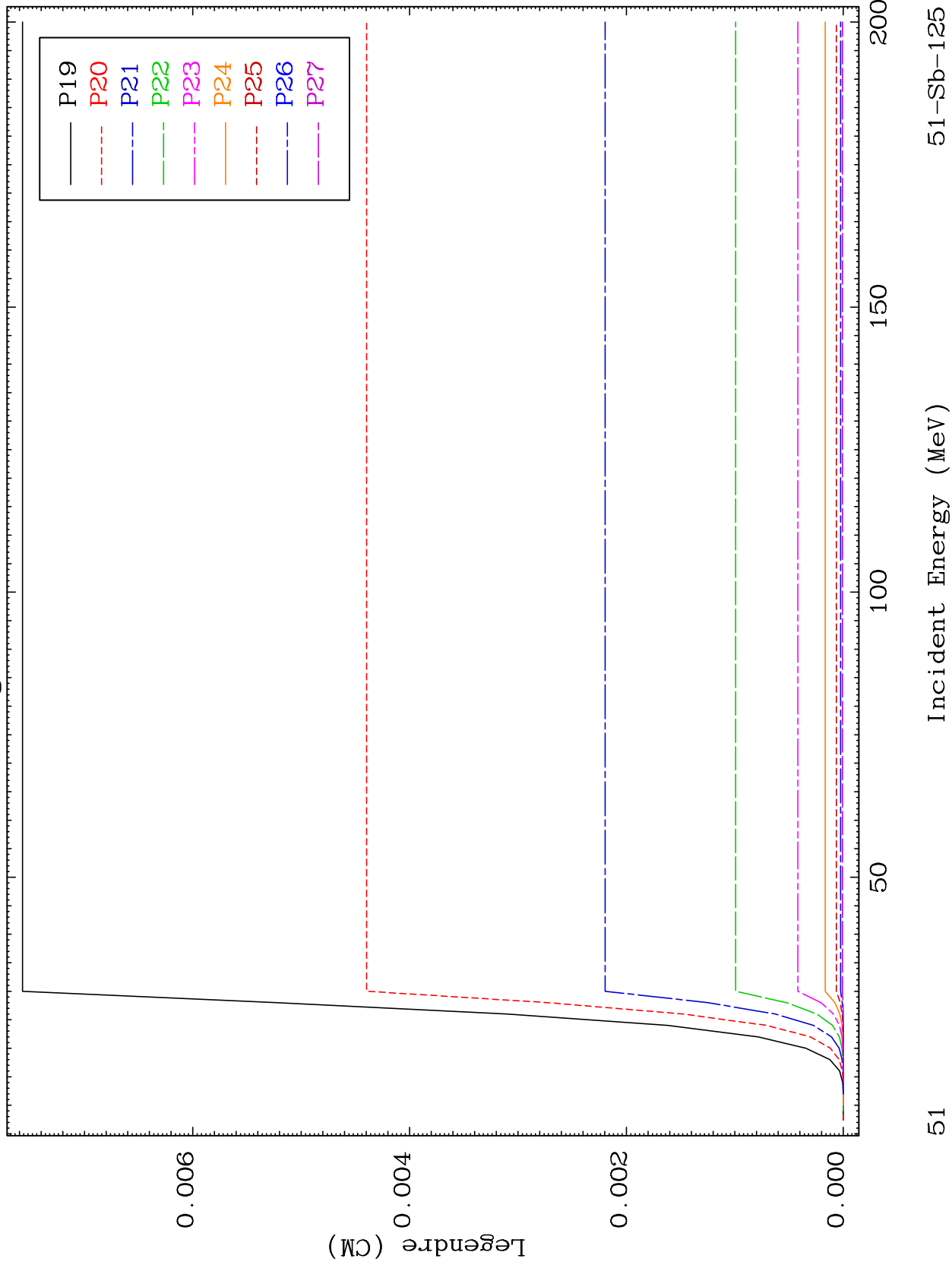
51-Sb-125



MAT 5137

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

51-Sb-125

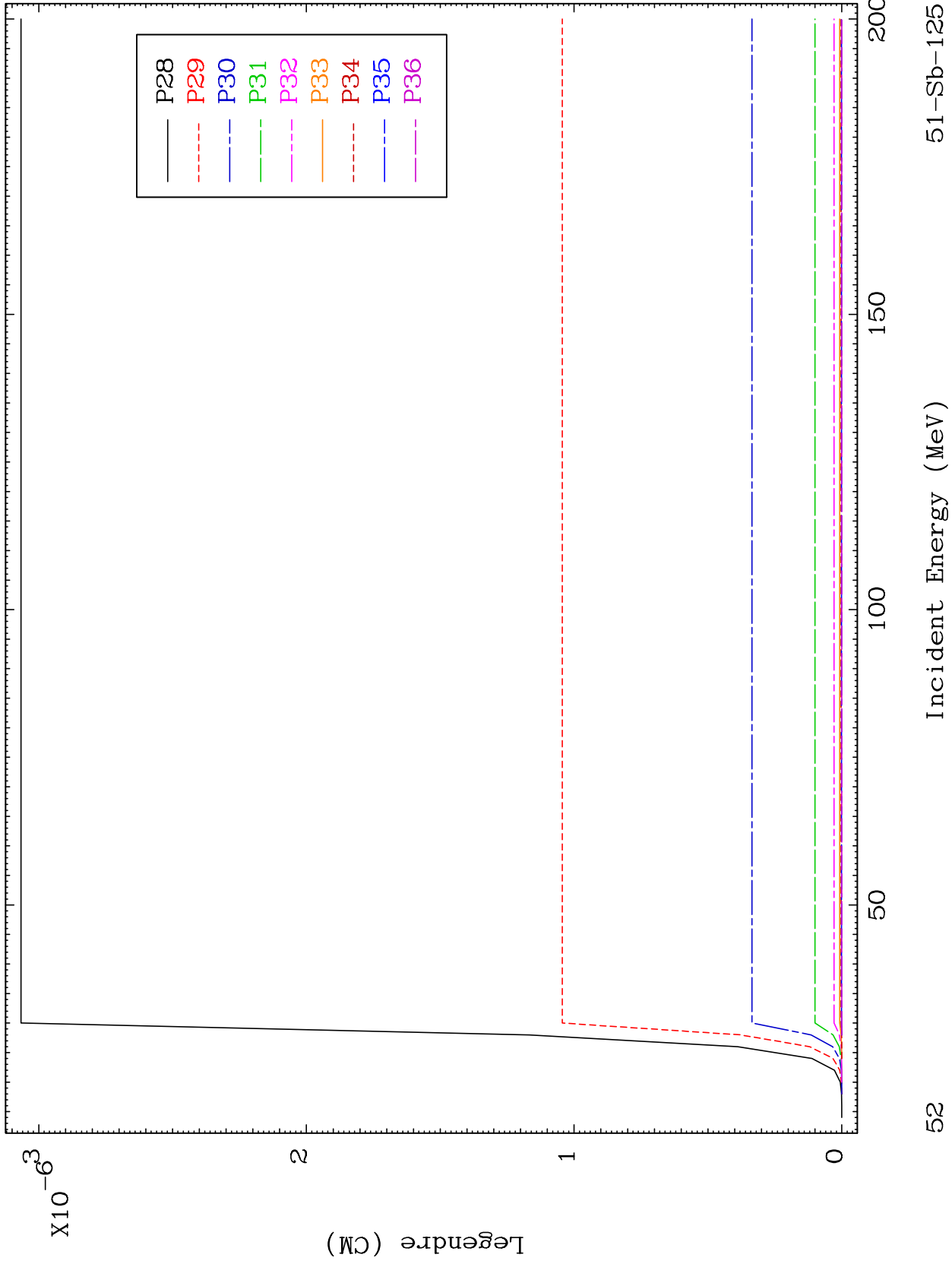


51

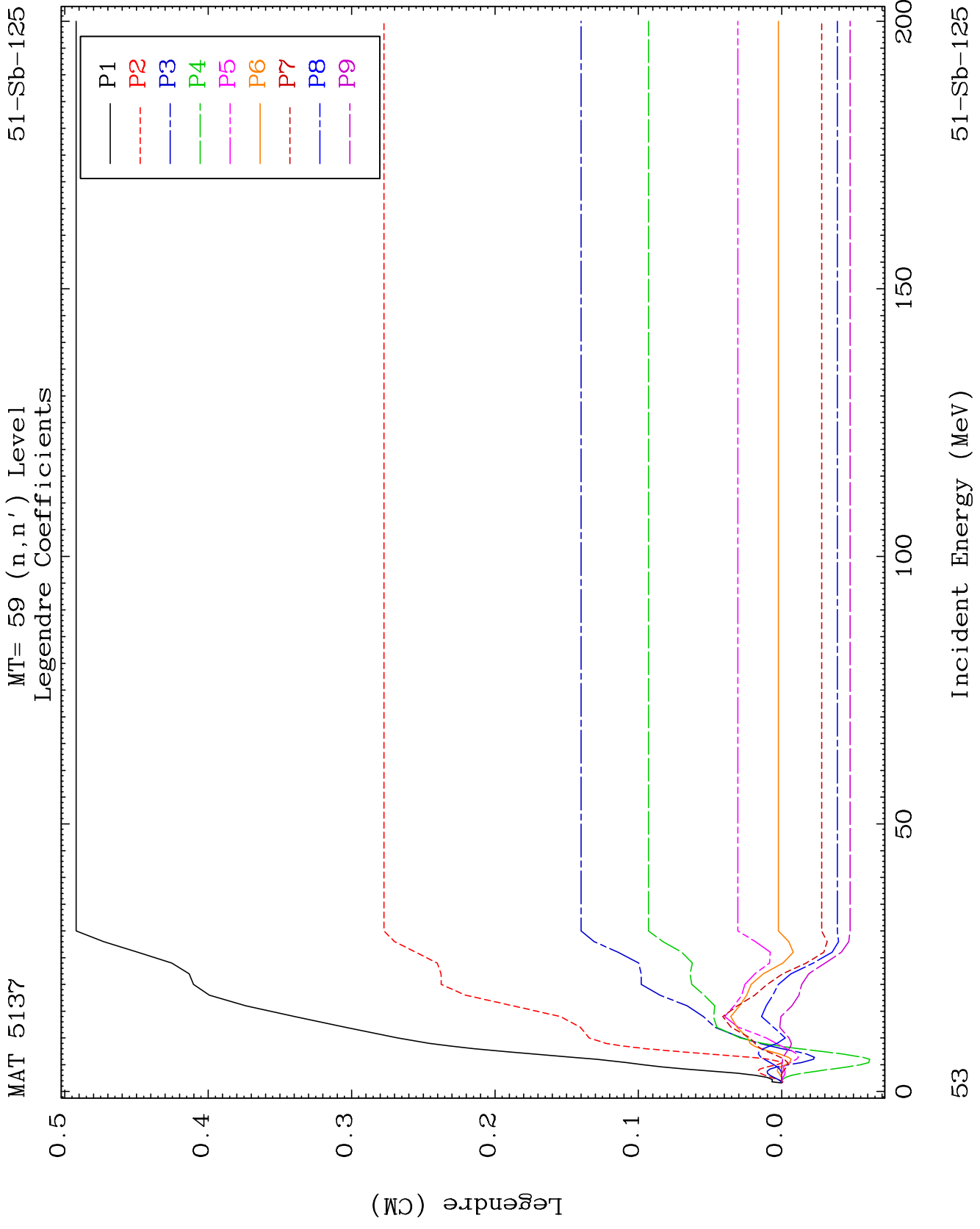
MAT 5137

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

51-Sb-125



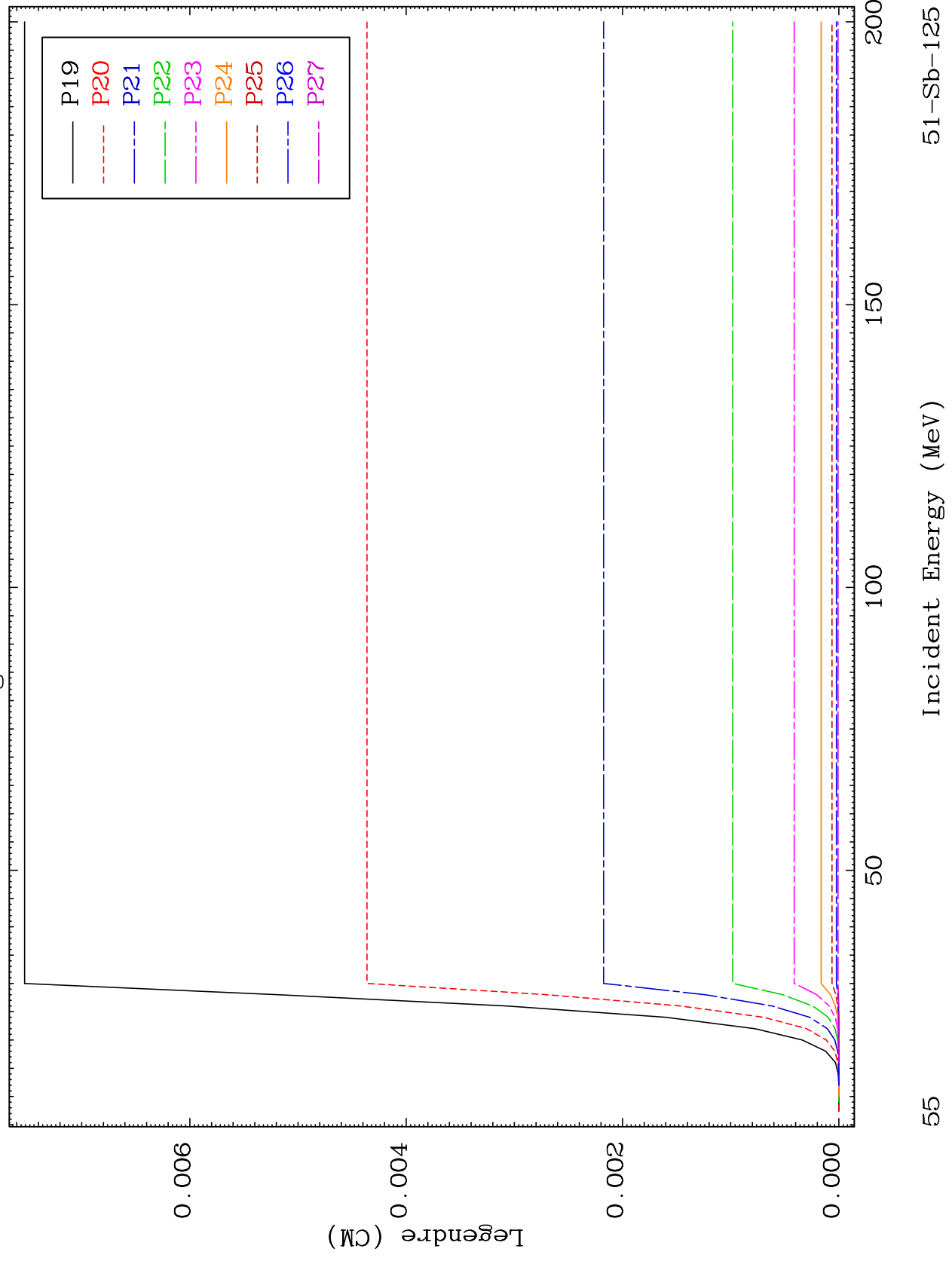
52



MAT 5137

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

51-Sb-125



55

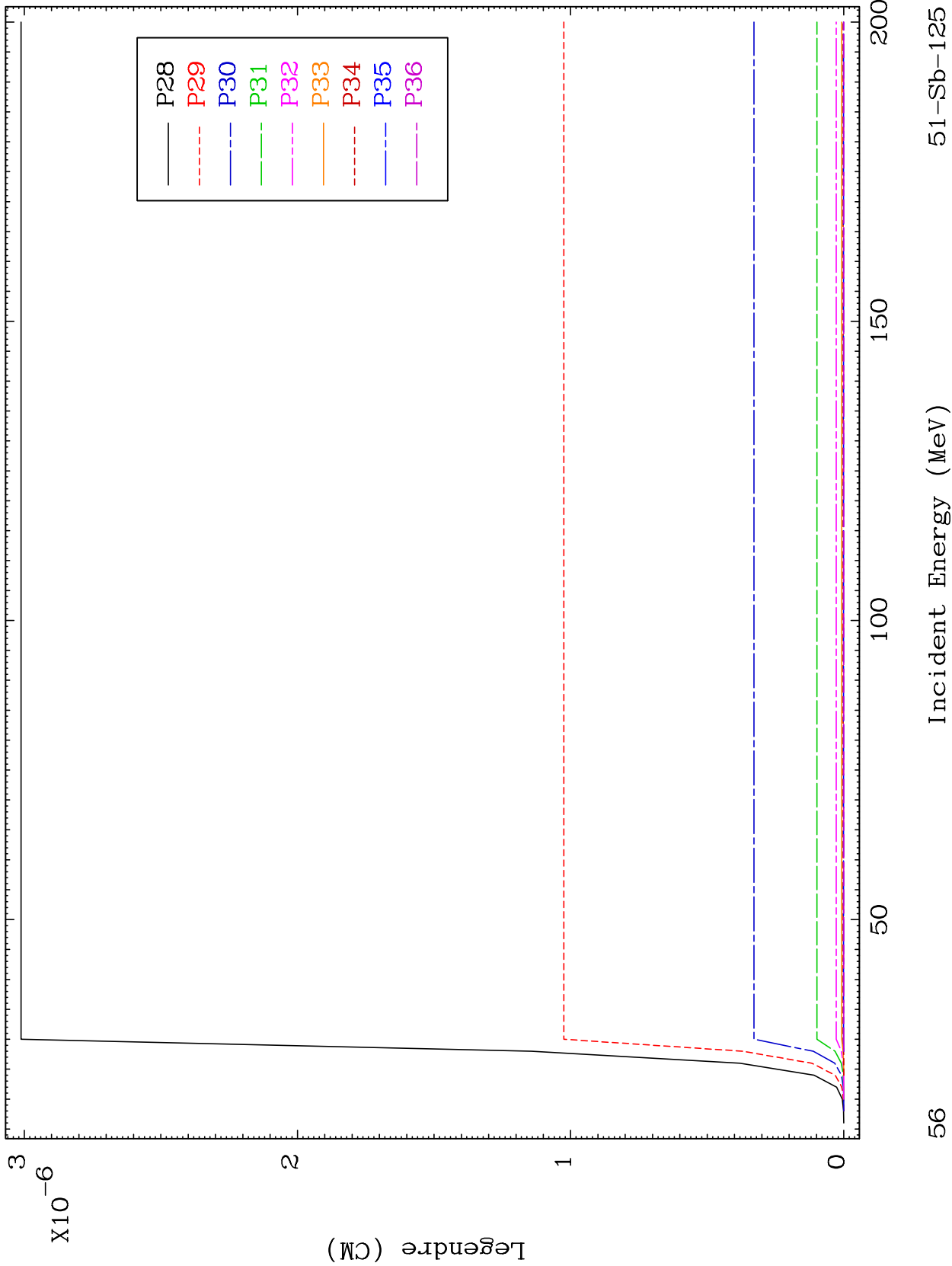
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

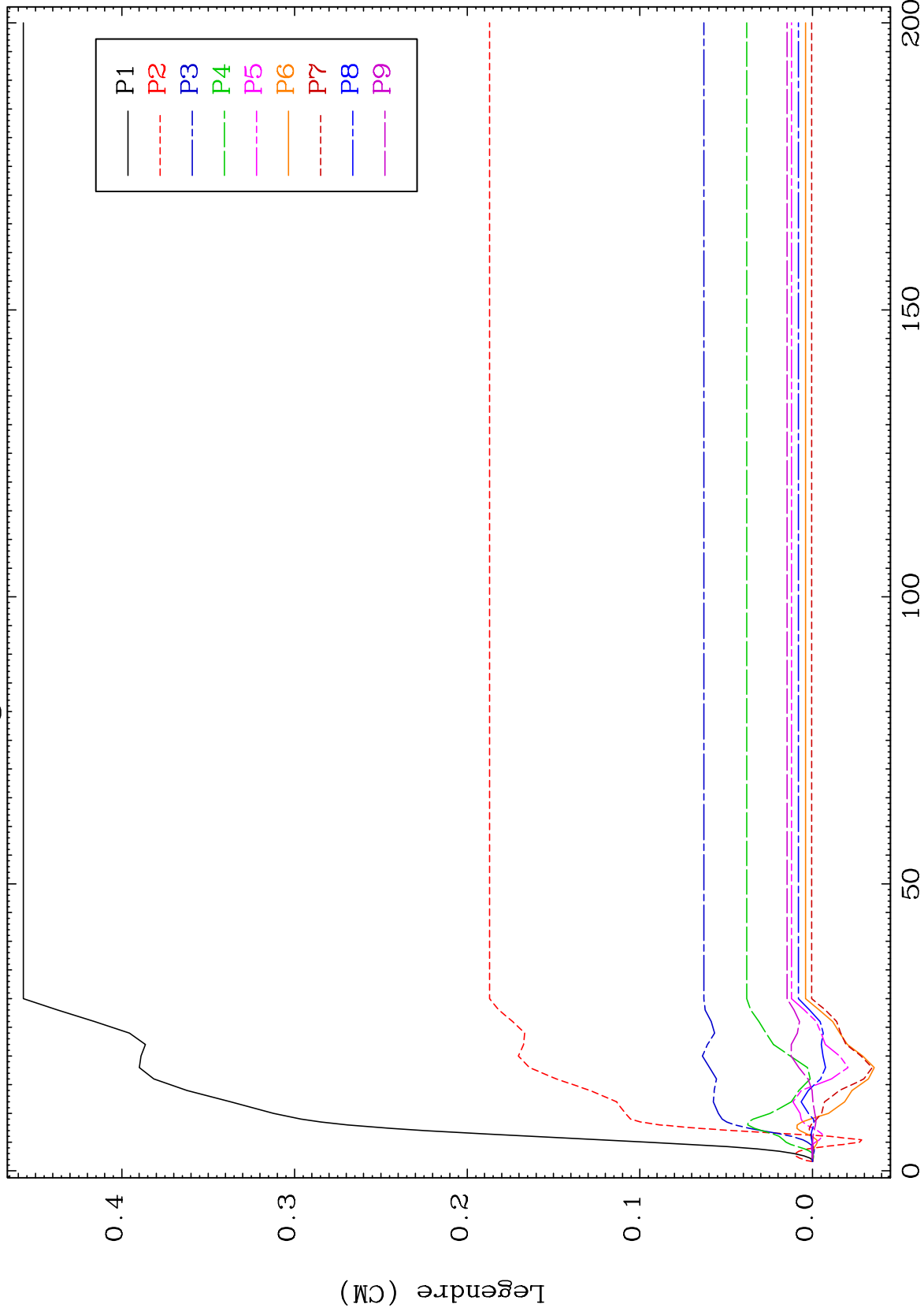
51-Sb-125



MAT 5137

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

51-Sb-125



57

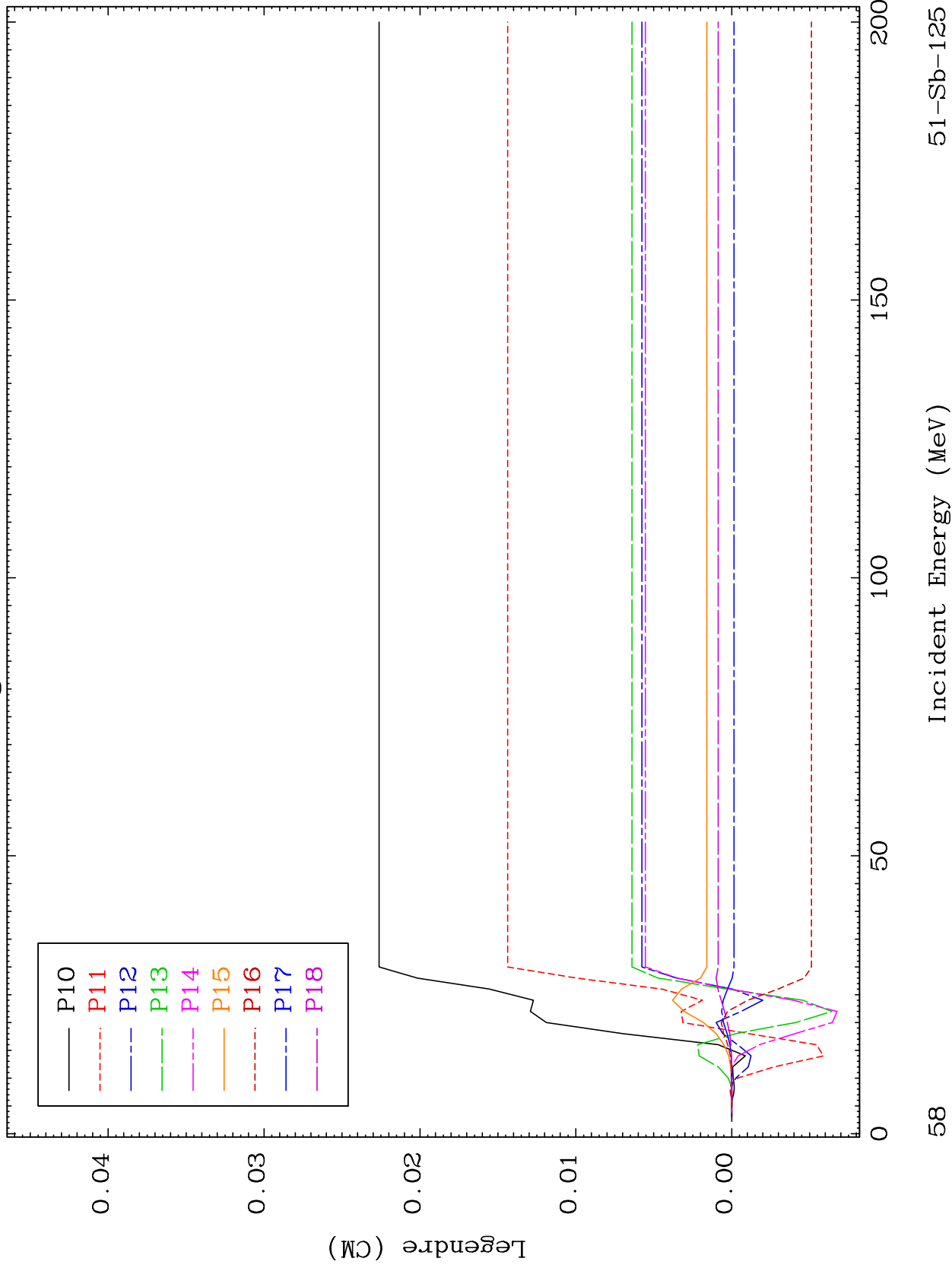
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

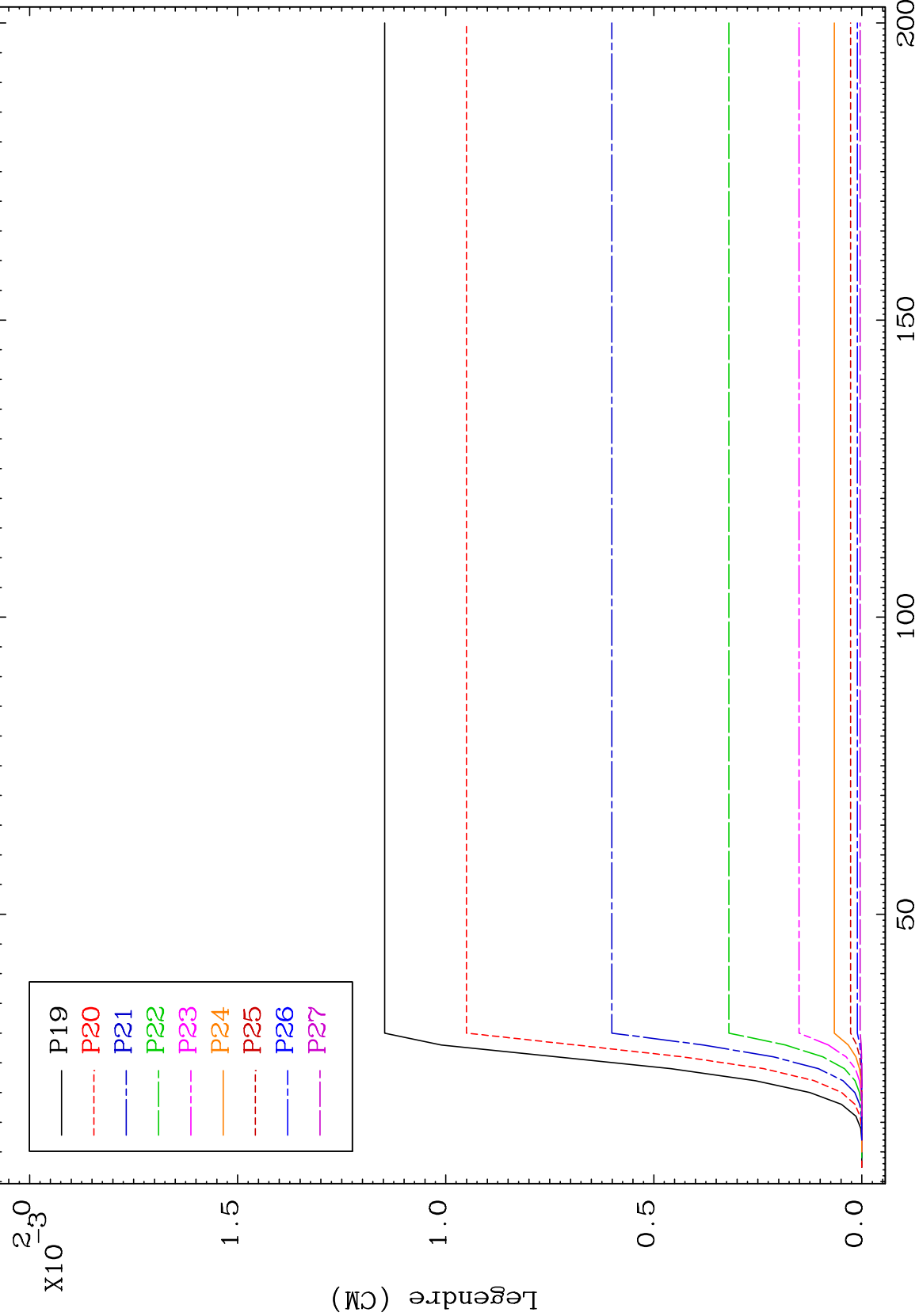
Incident Energy (MeV)

58

MAT 5137

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

51-Sb-125



59

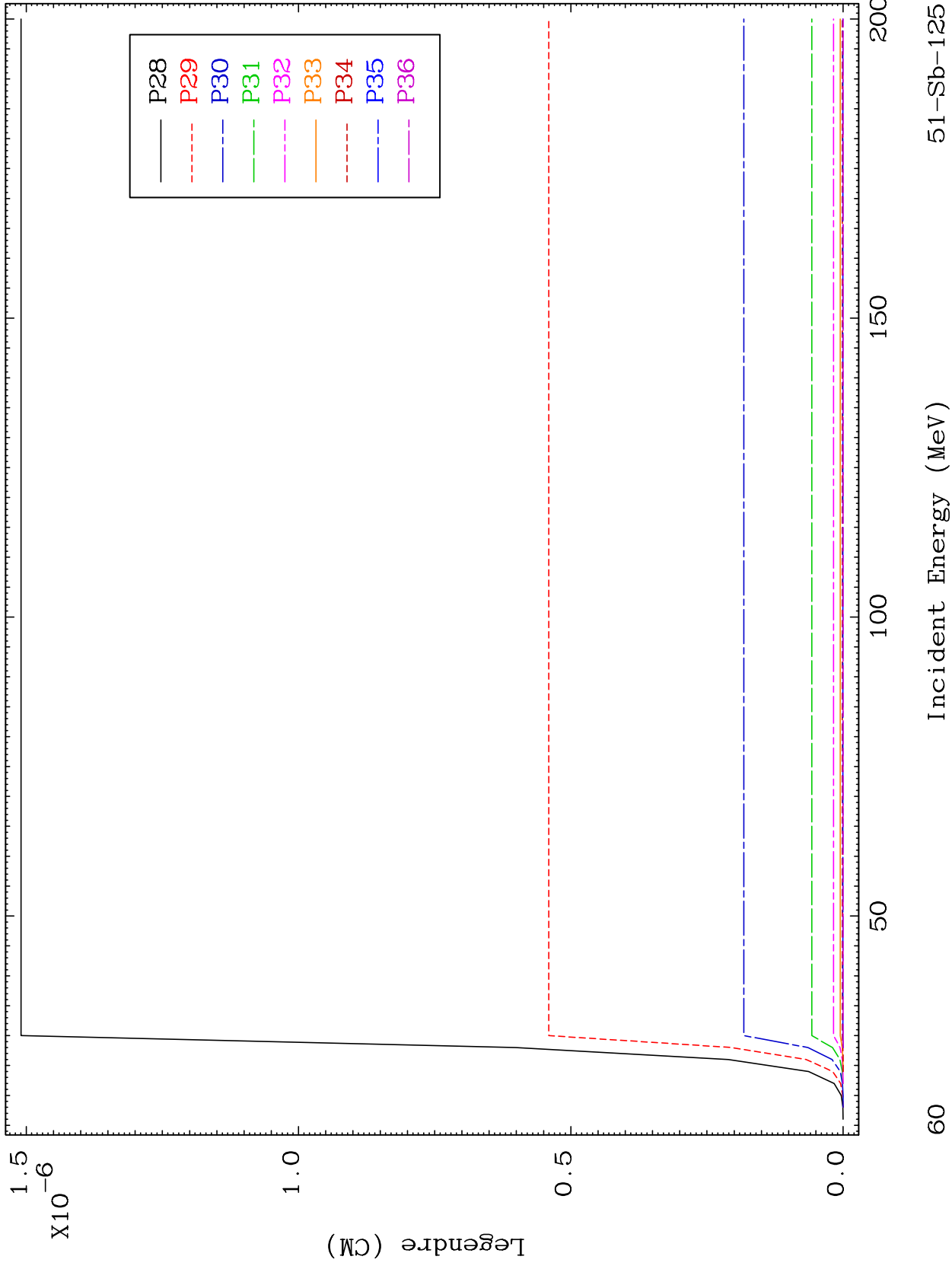
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

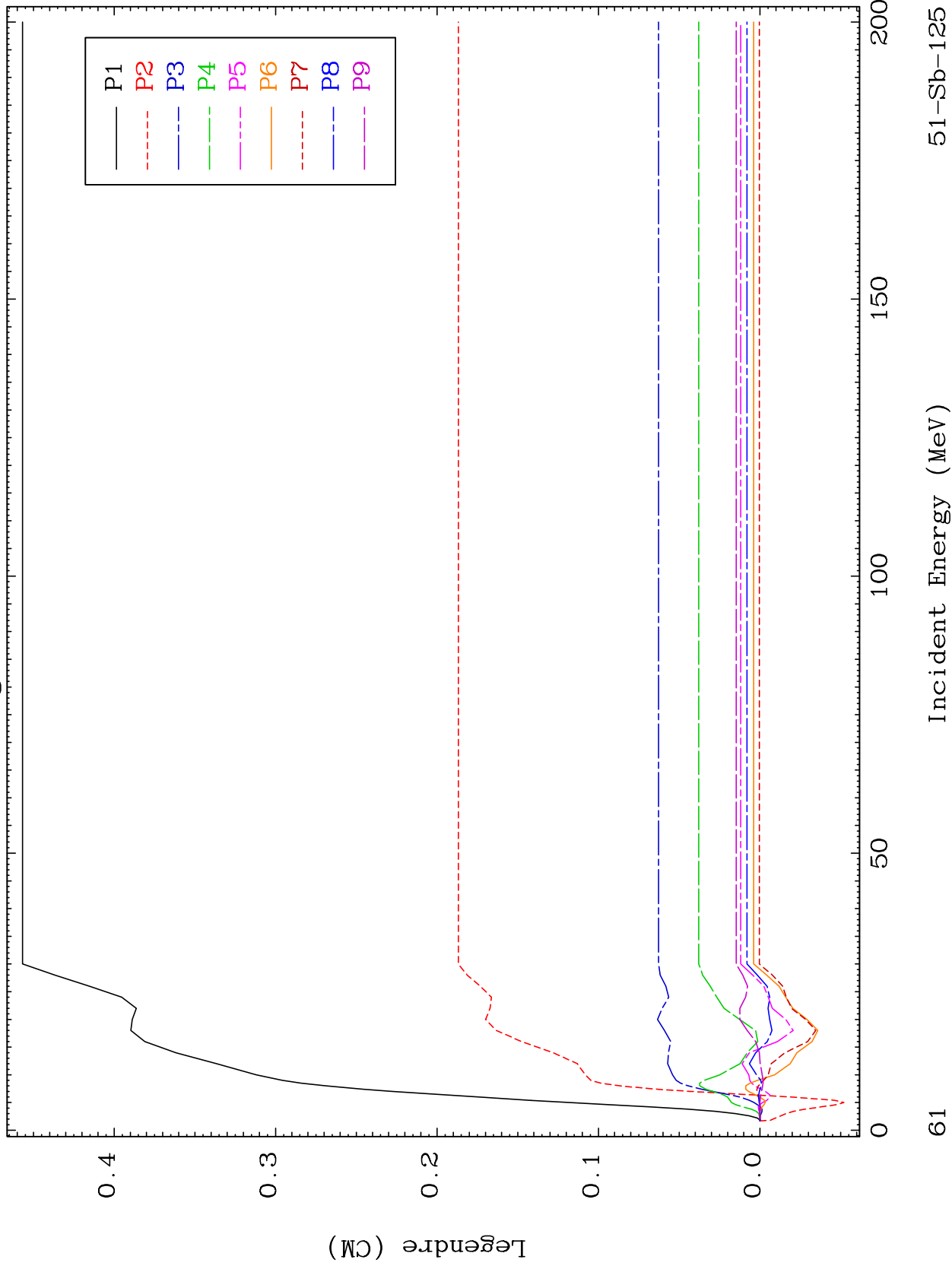
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

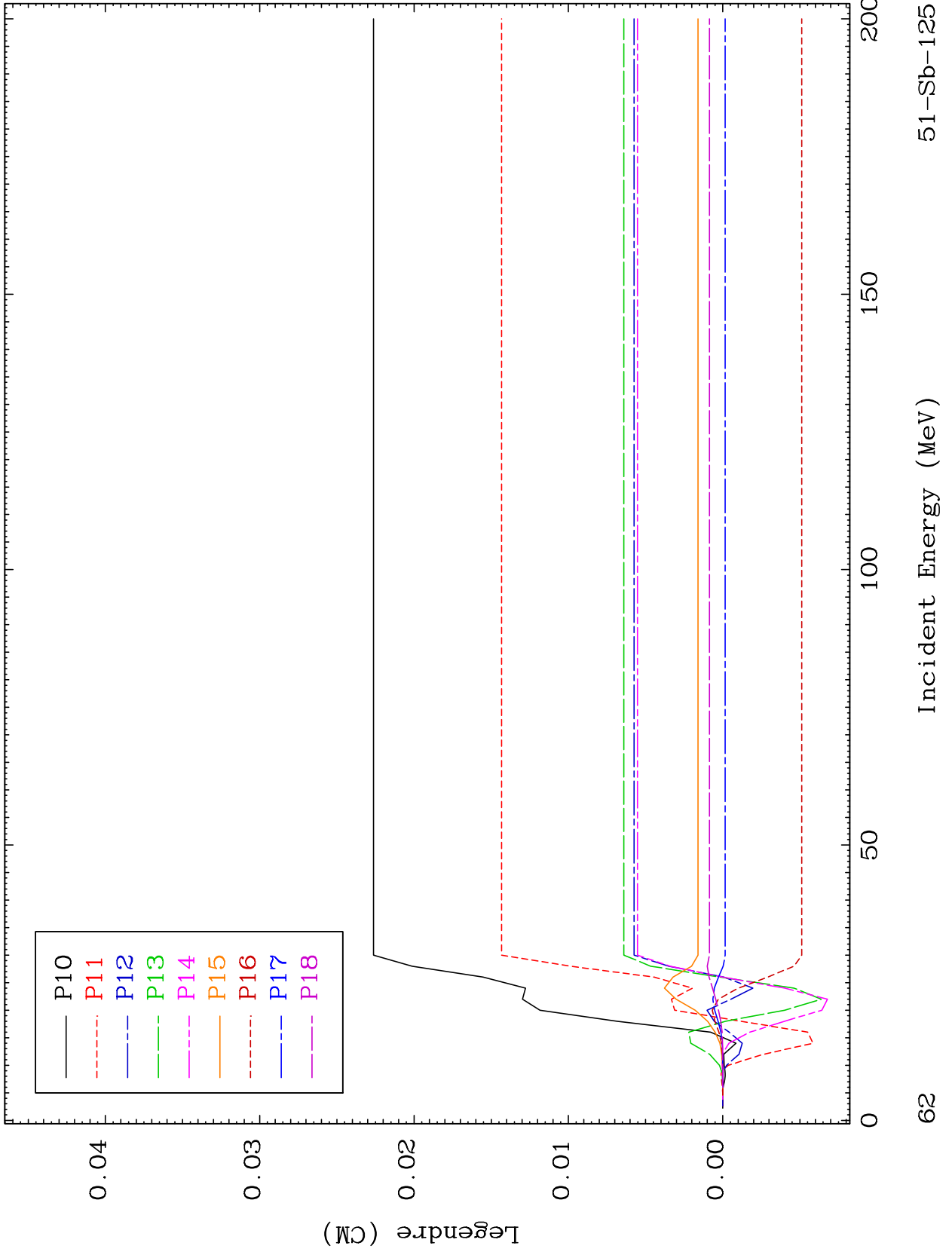
Incident Energy (MeV)

61

MAT 5137

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

51-Sb-125



51-Sb-125

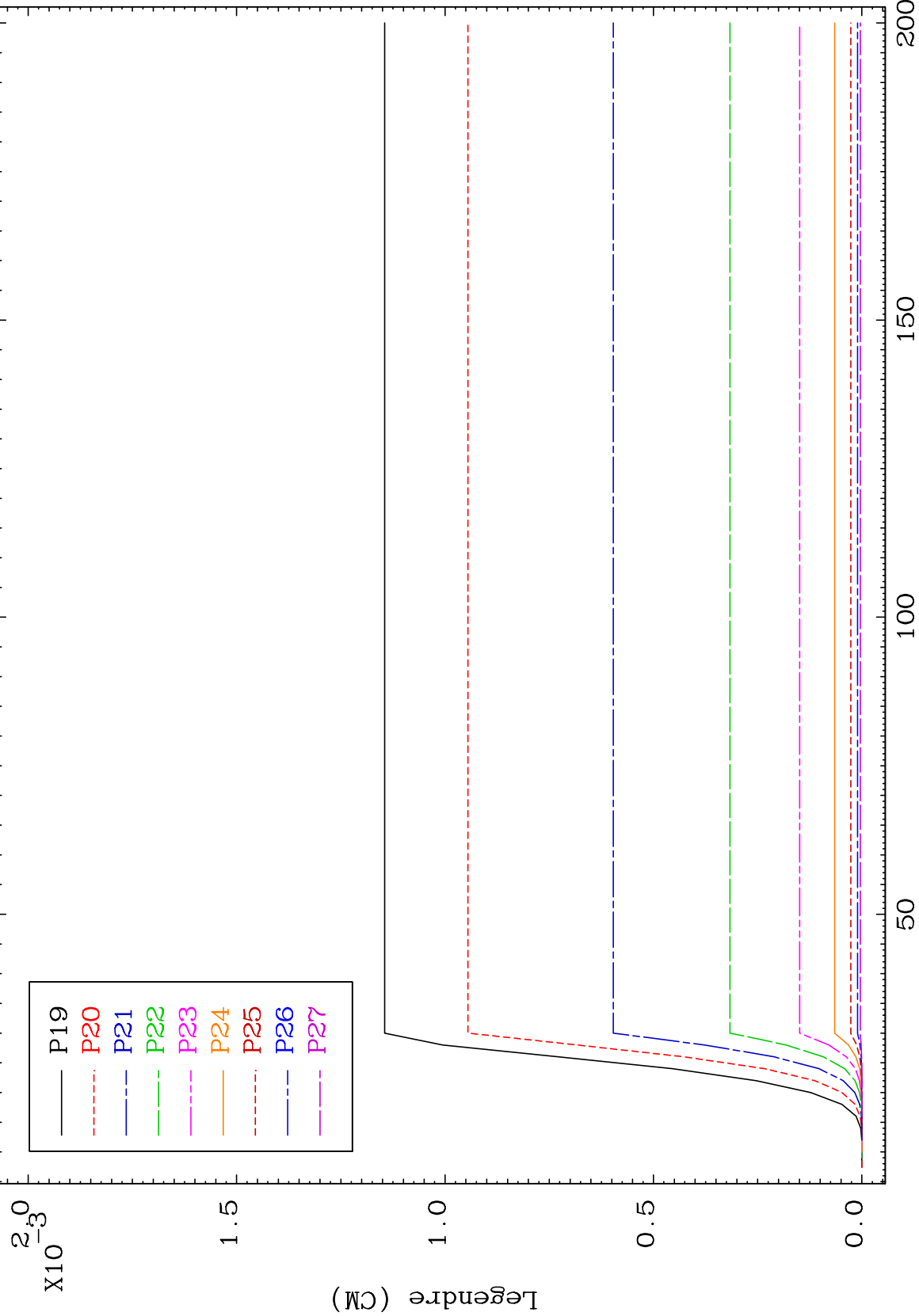
Incident Energy (MeV)

62

MAT 5137

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

51-Sb-125



63

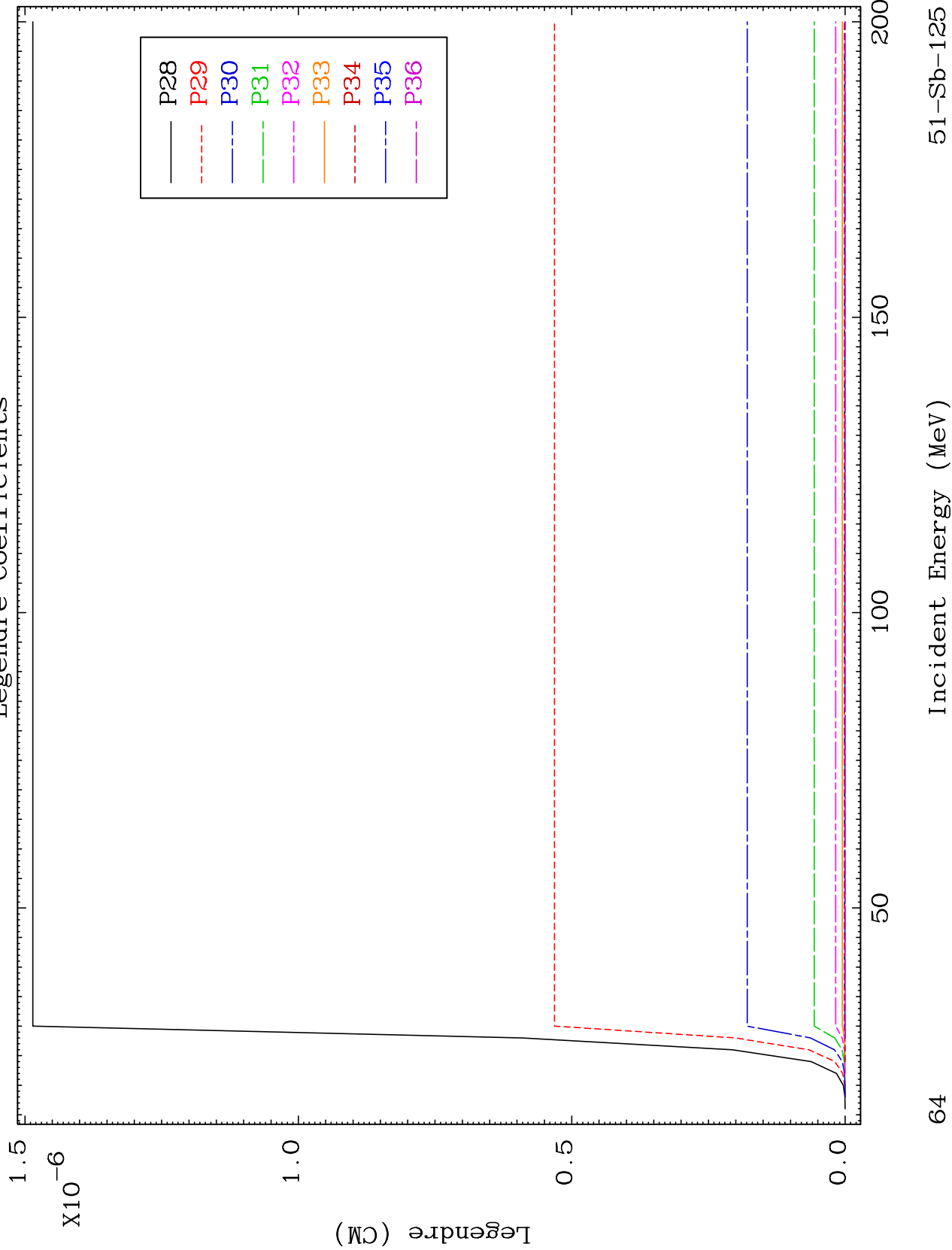
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

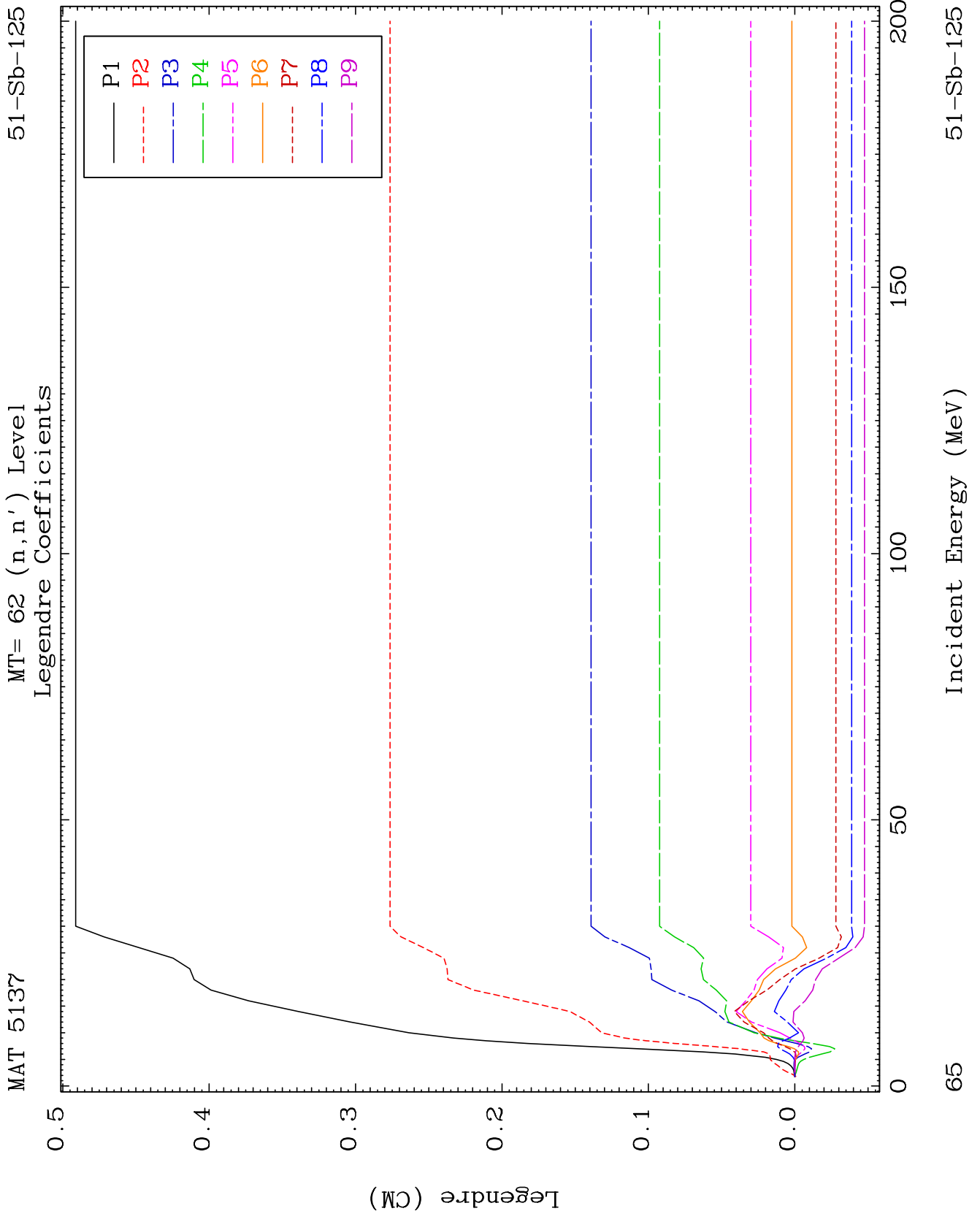
51-Sb-125



64

Incident Energy (MeV)

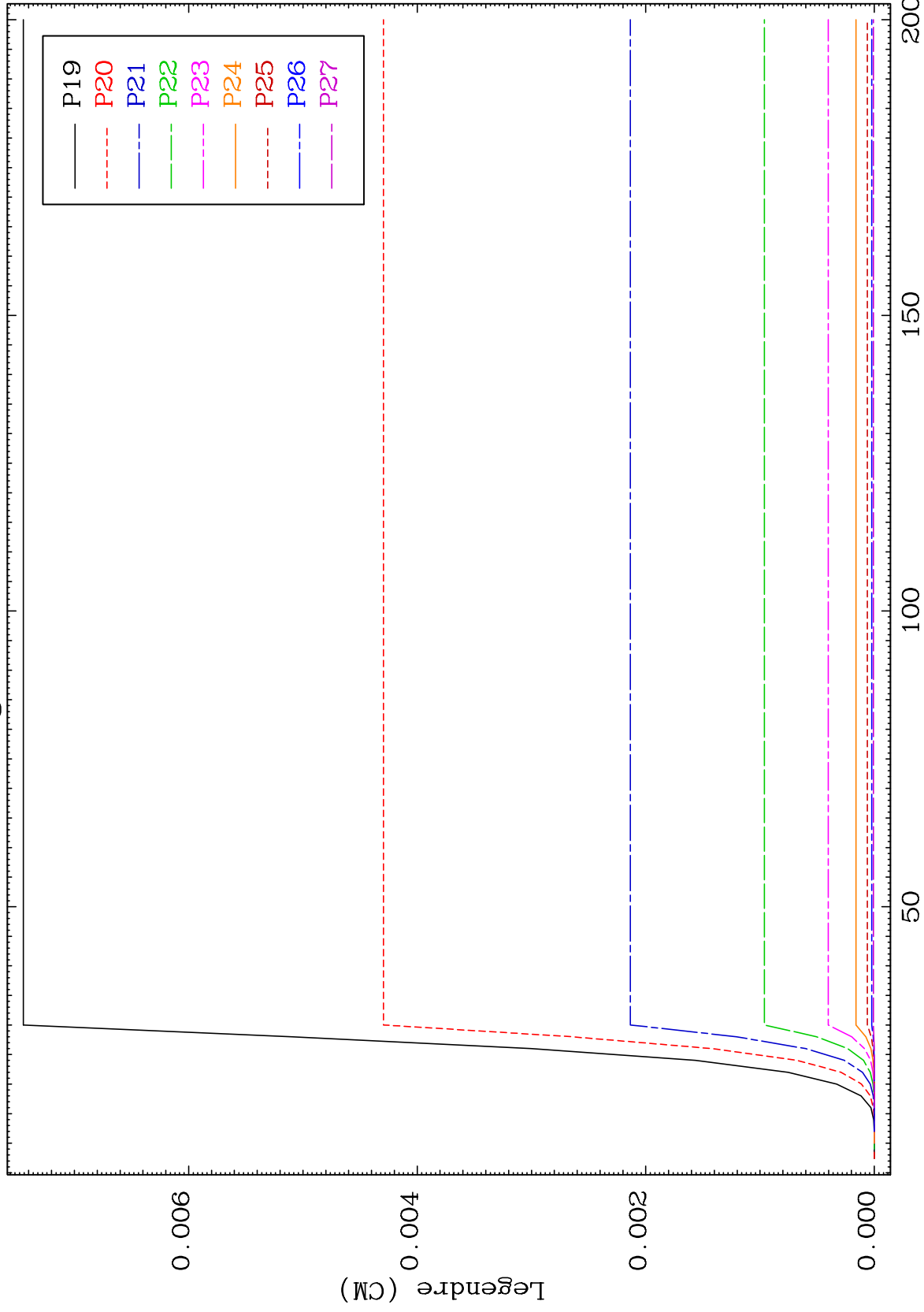
51-Sb-125



MAT 5137

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

51-Sb-125



67

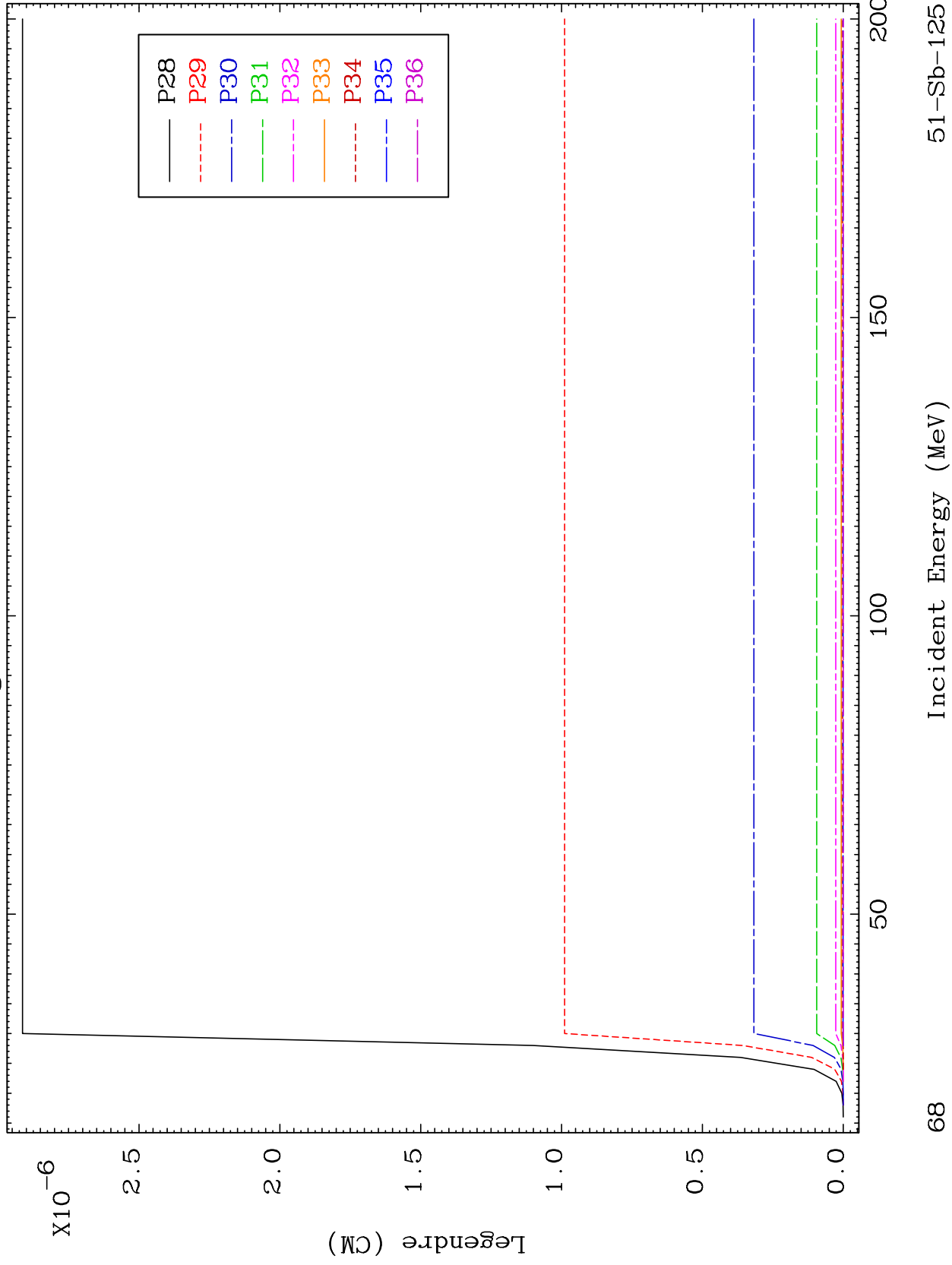
Incident Energy (MeV)

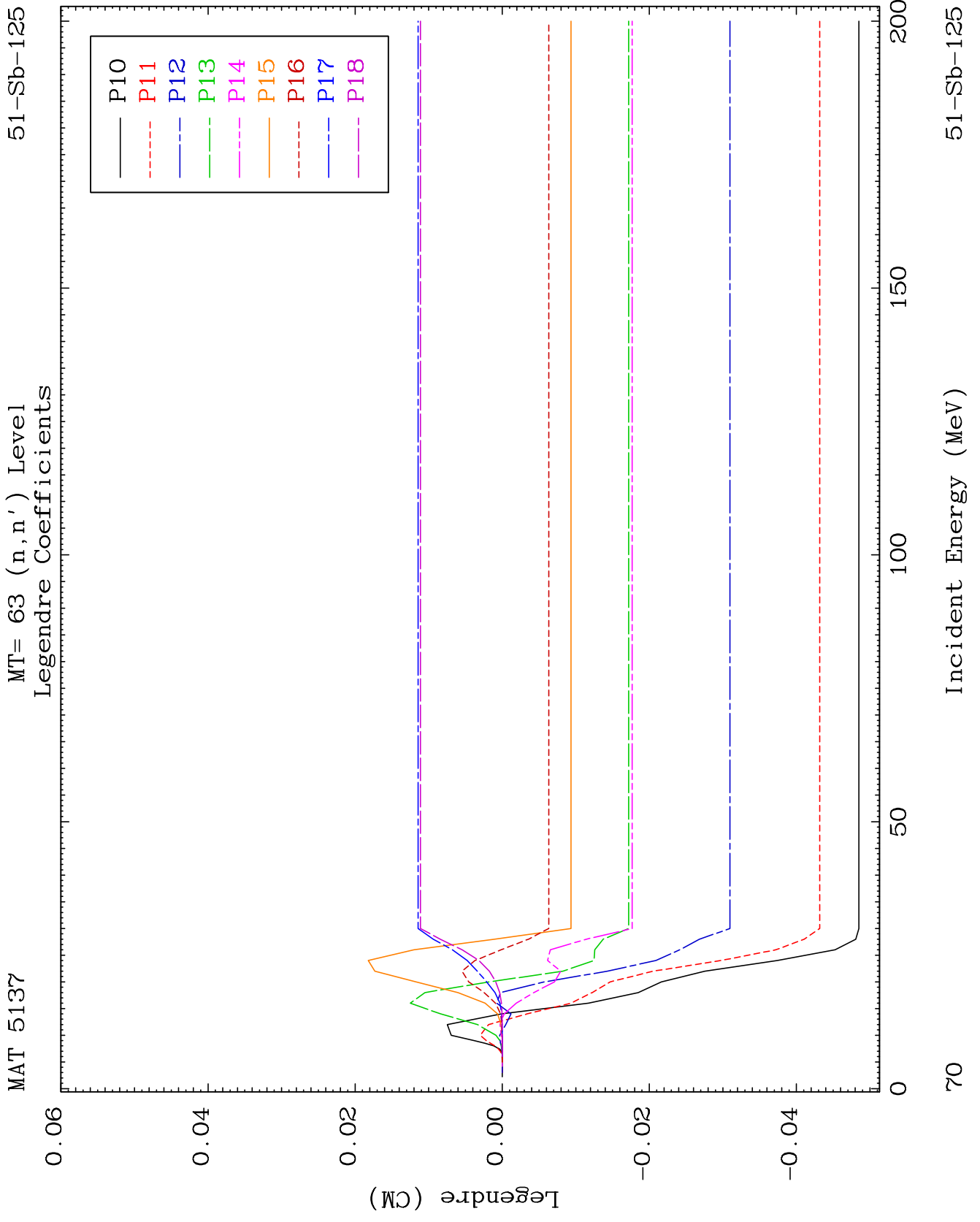
51-Sb-125

MAT 5137

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

51-Sb-125

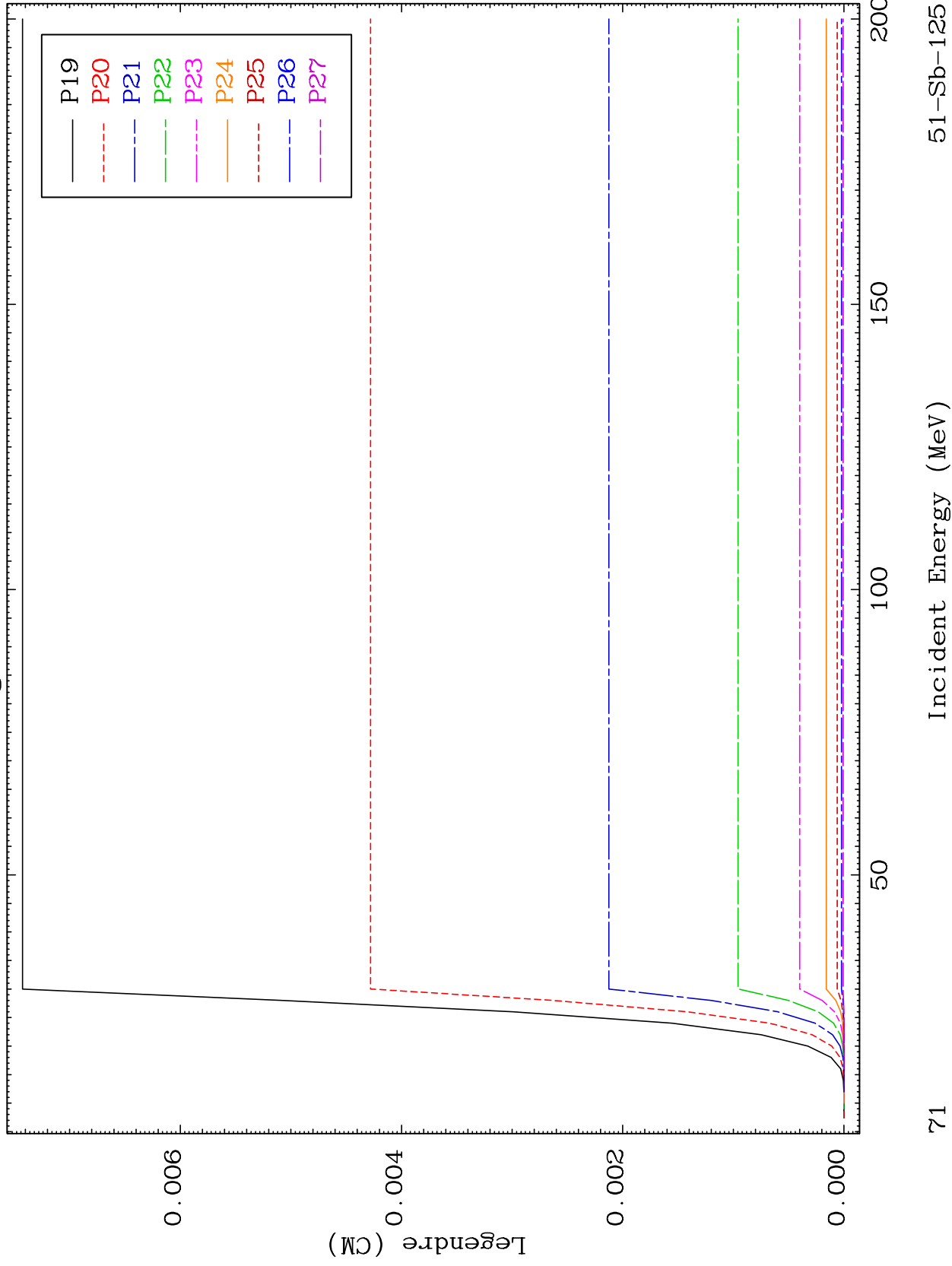




MAT 5137

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

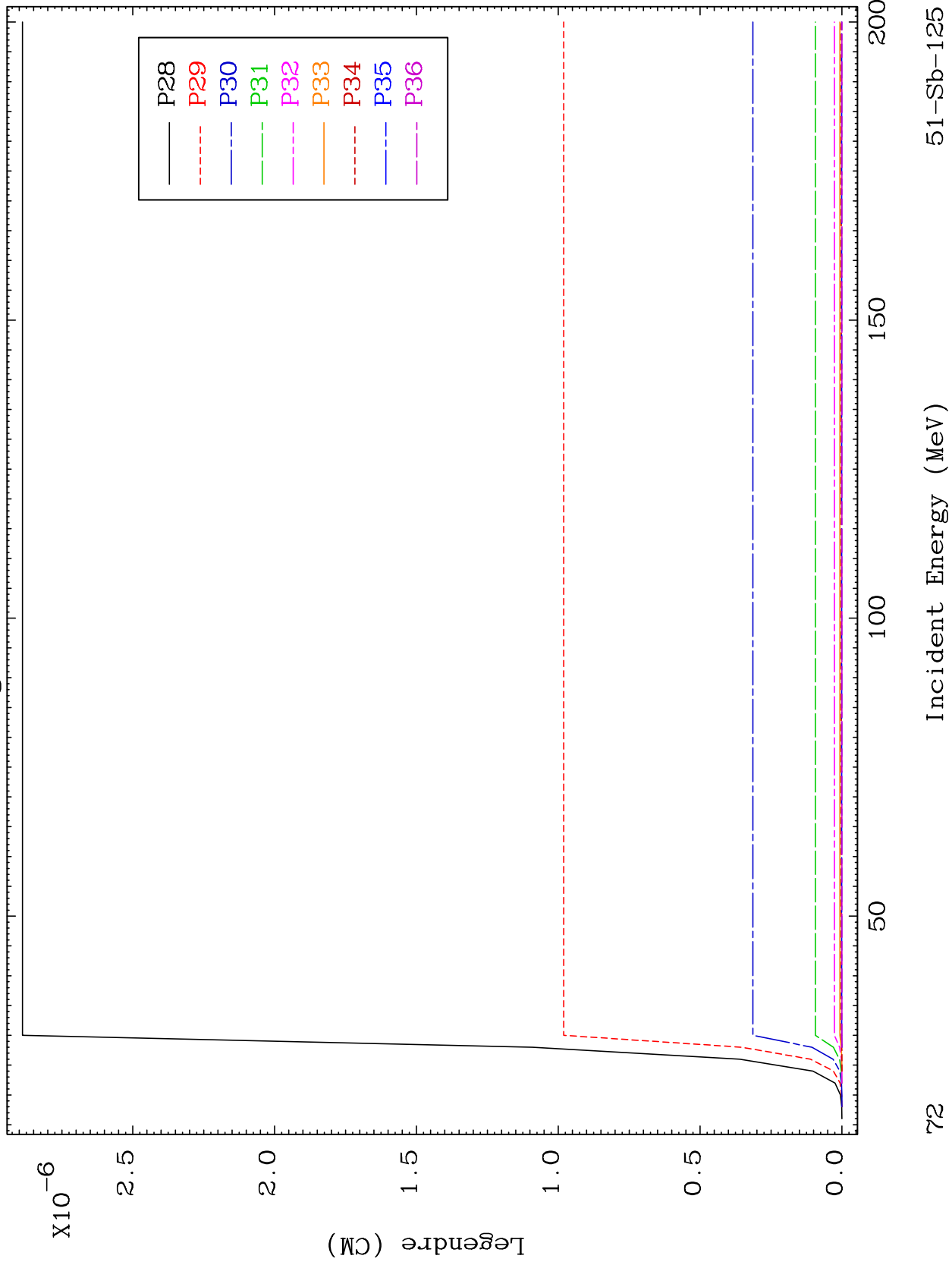
51-Sb-125



MAT 5137

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

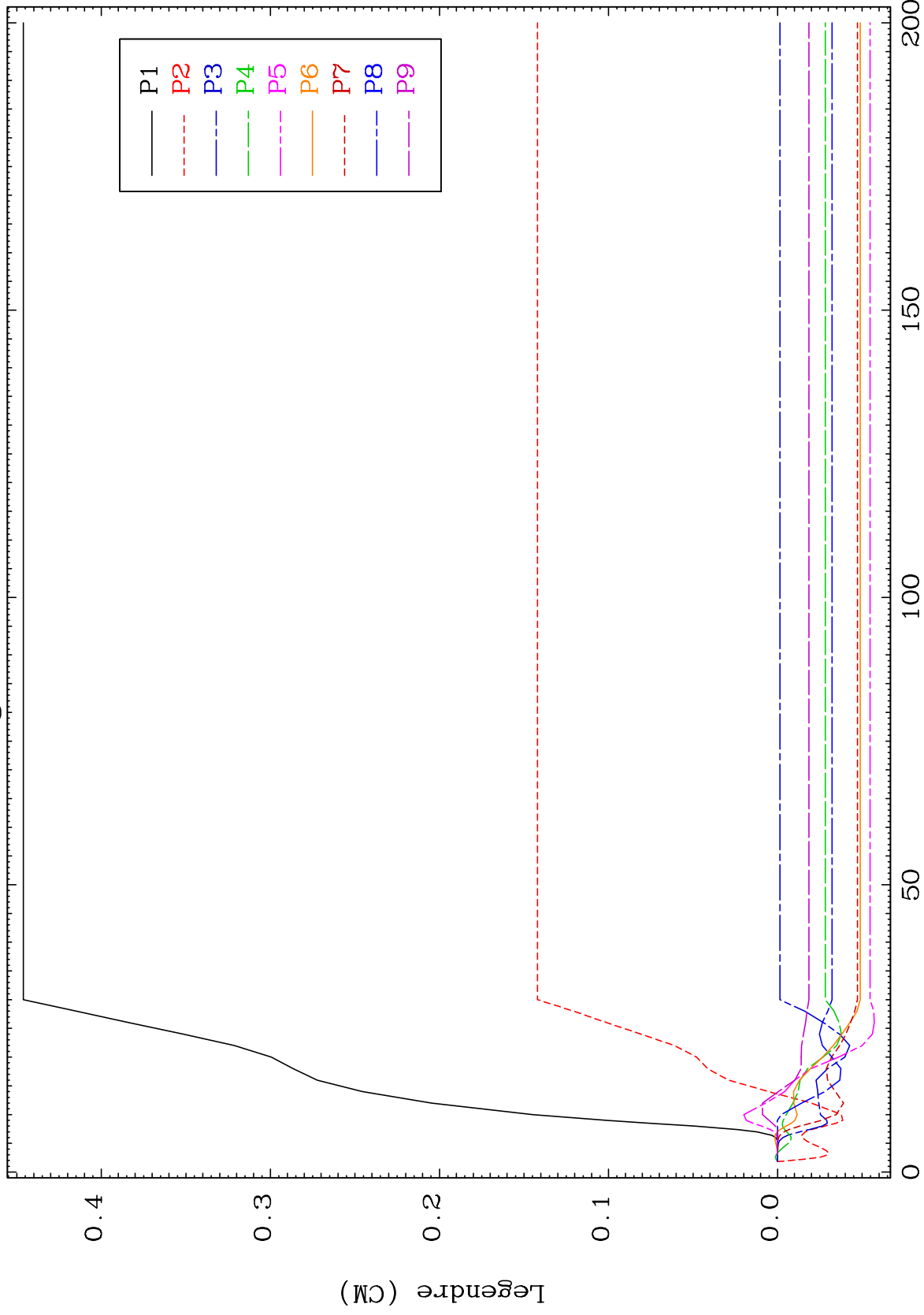
51-Sb-125



MAT 5137

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

51-Sb-125



73

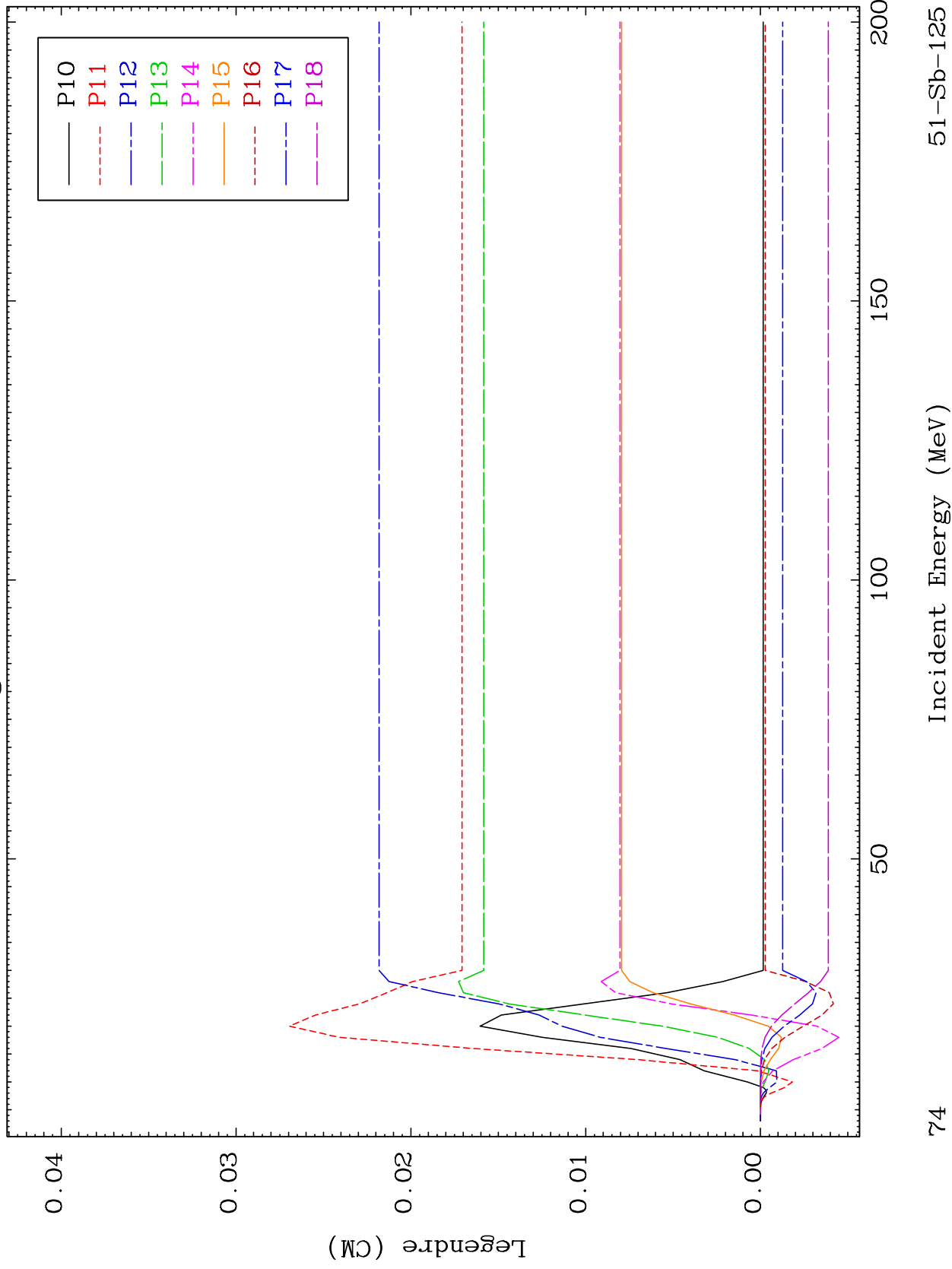
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



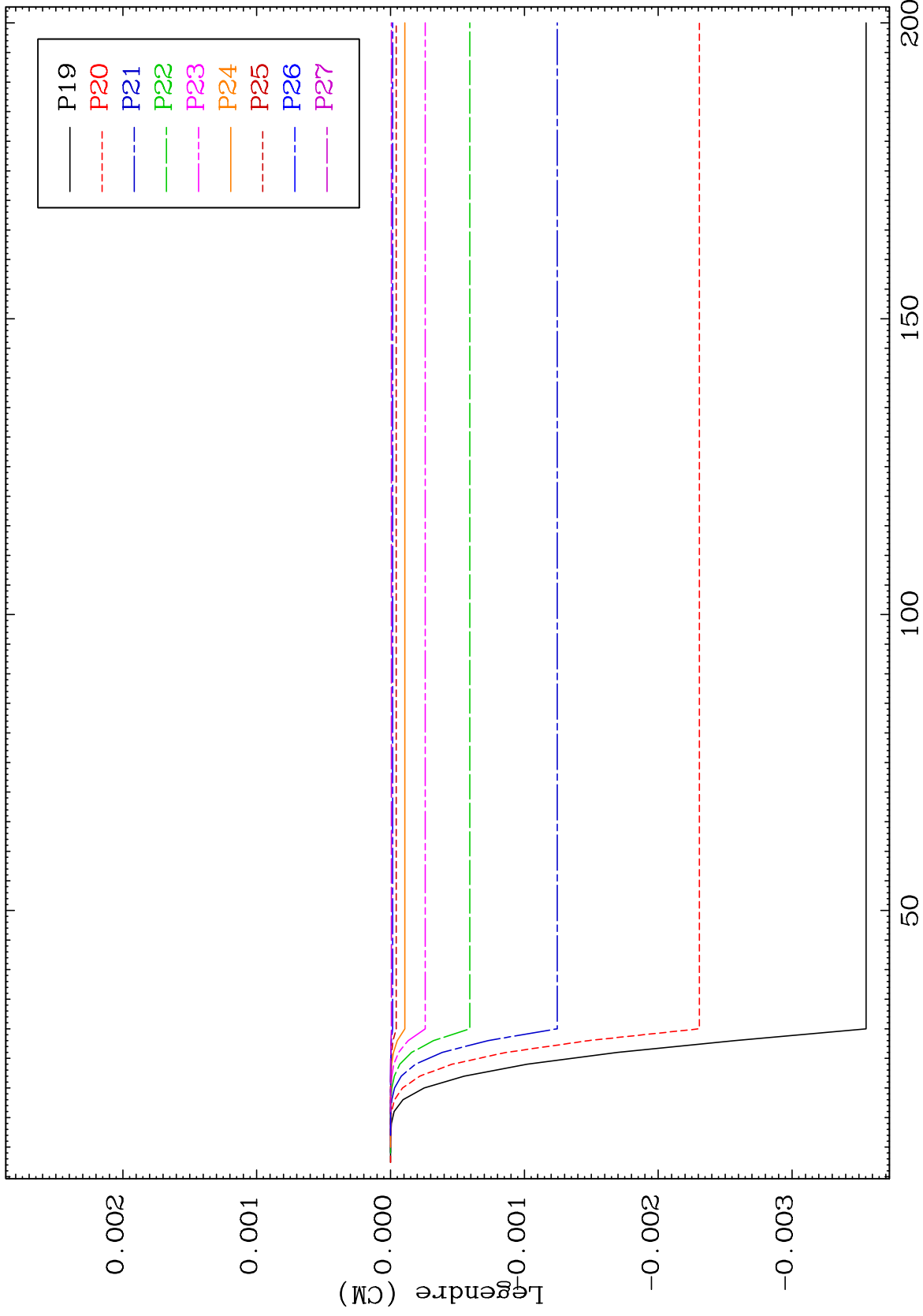
74

51-Sb-125

MAT 5137

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

51-Sb-125



75

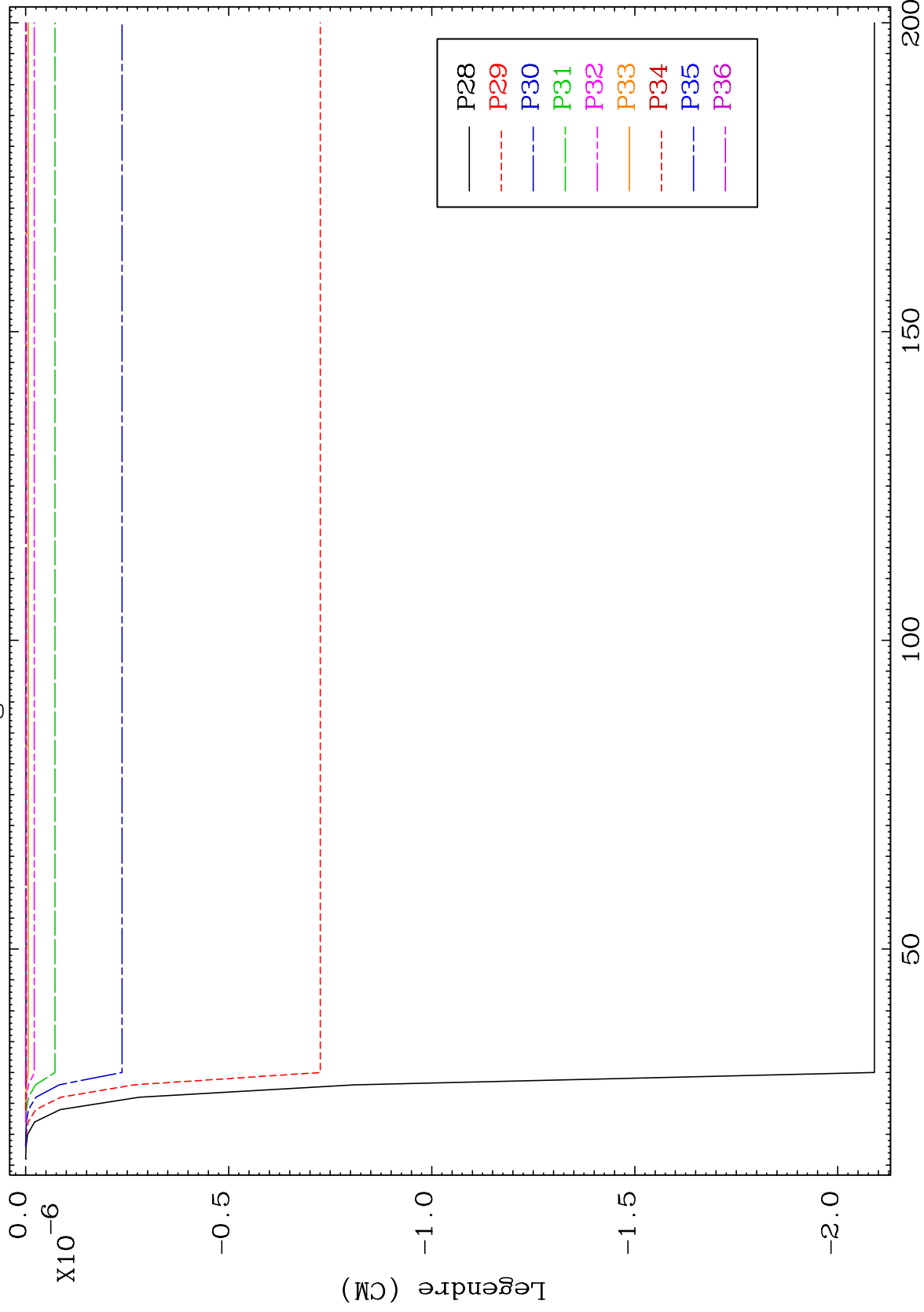
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



76

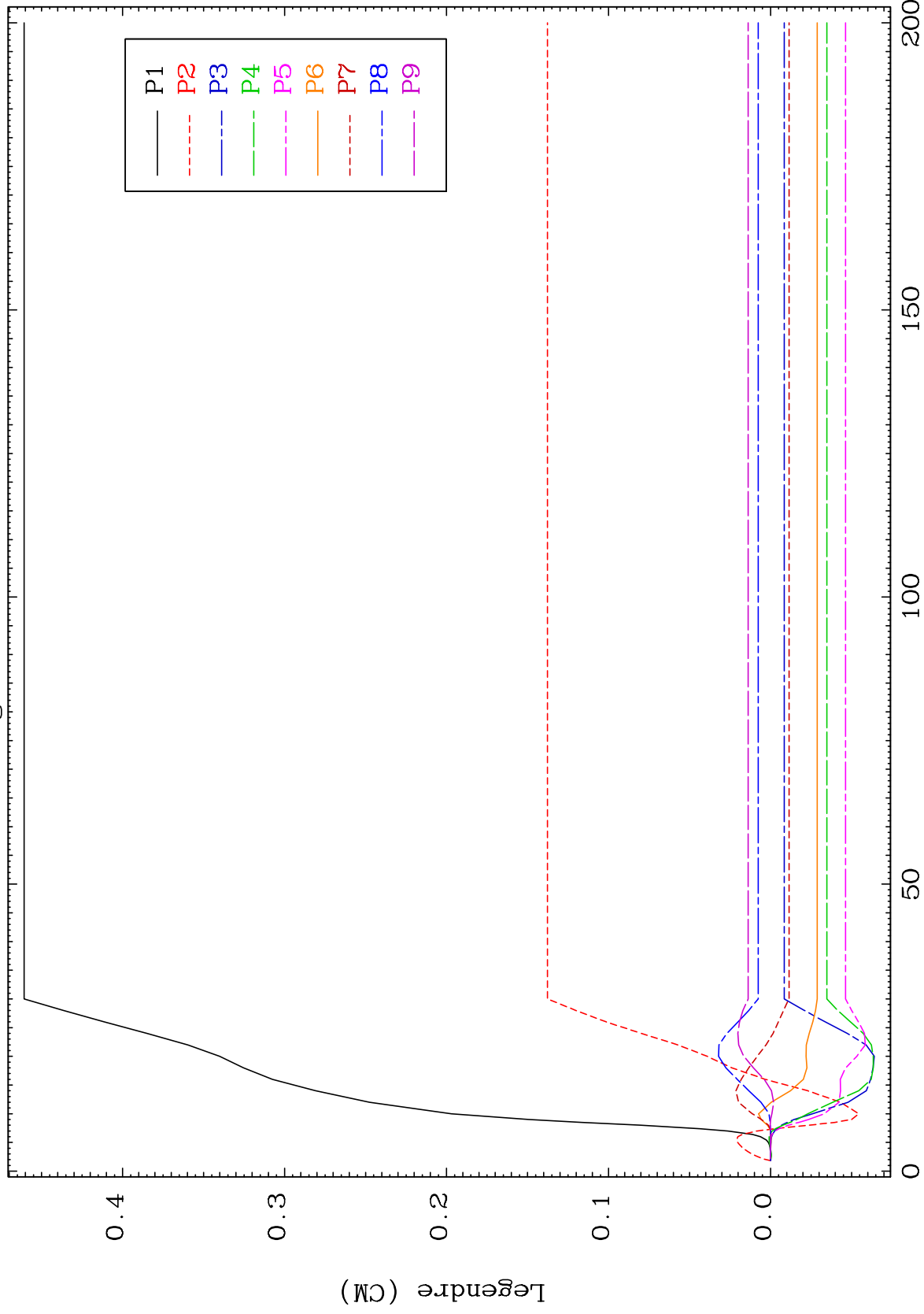
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



77

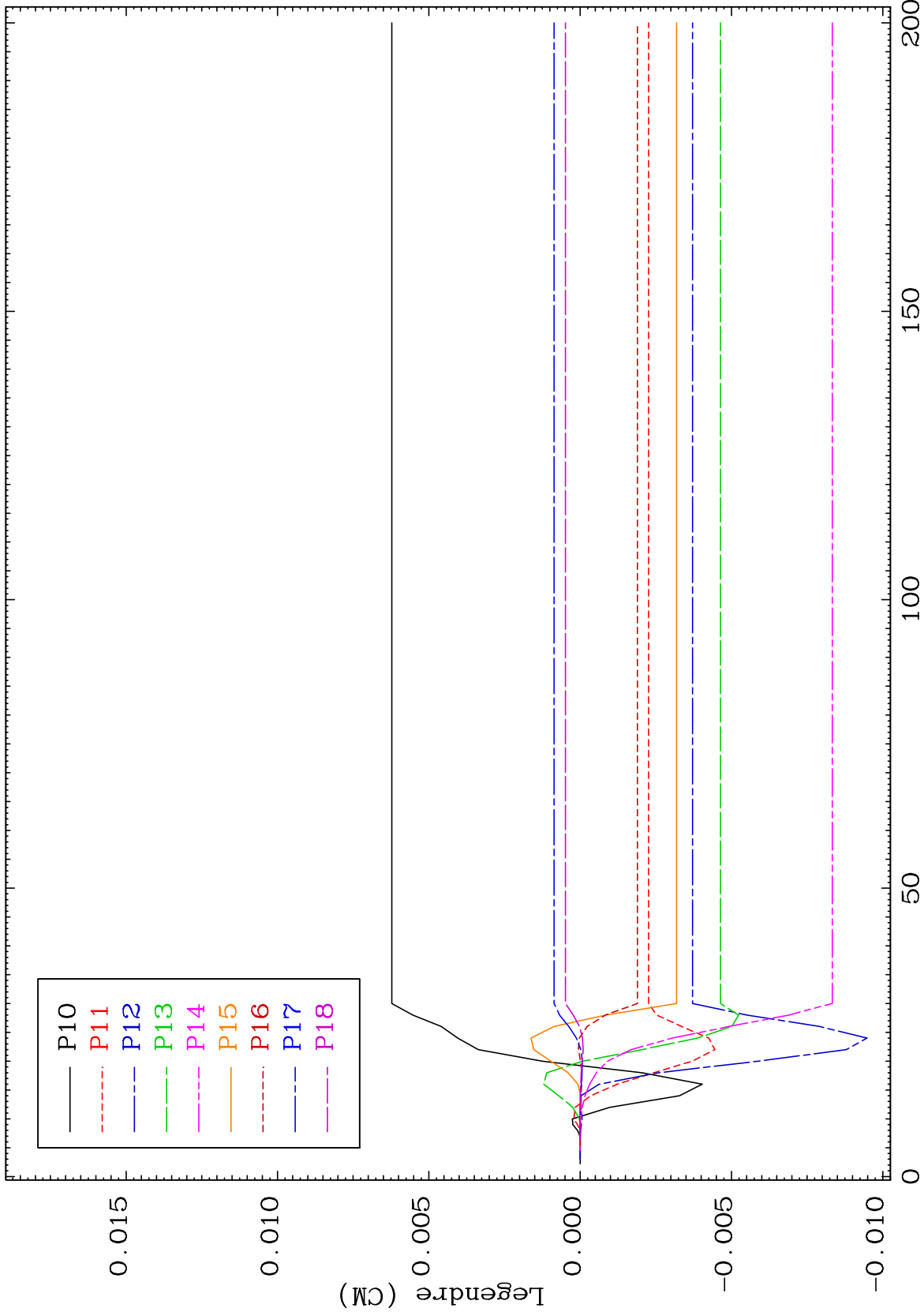
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



78

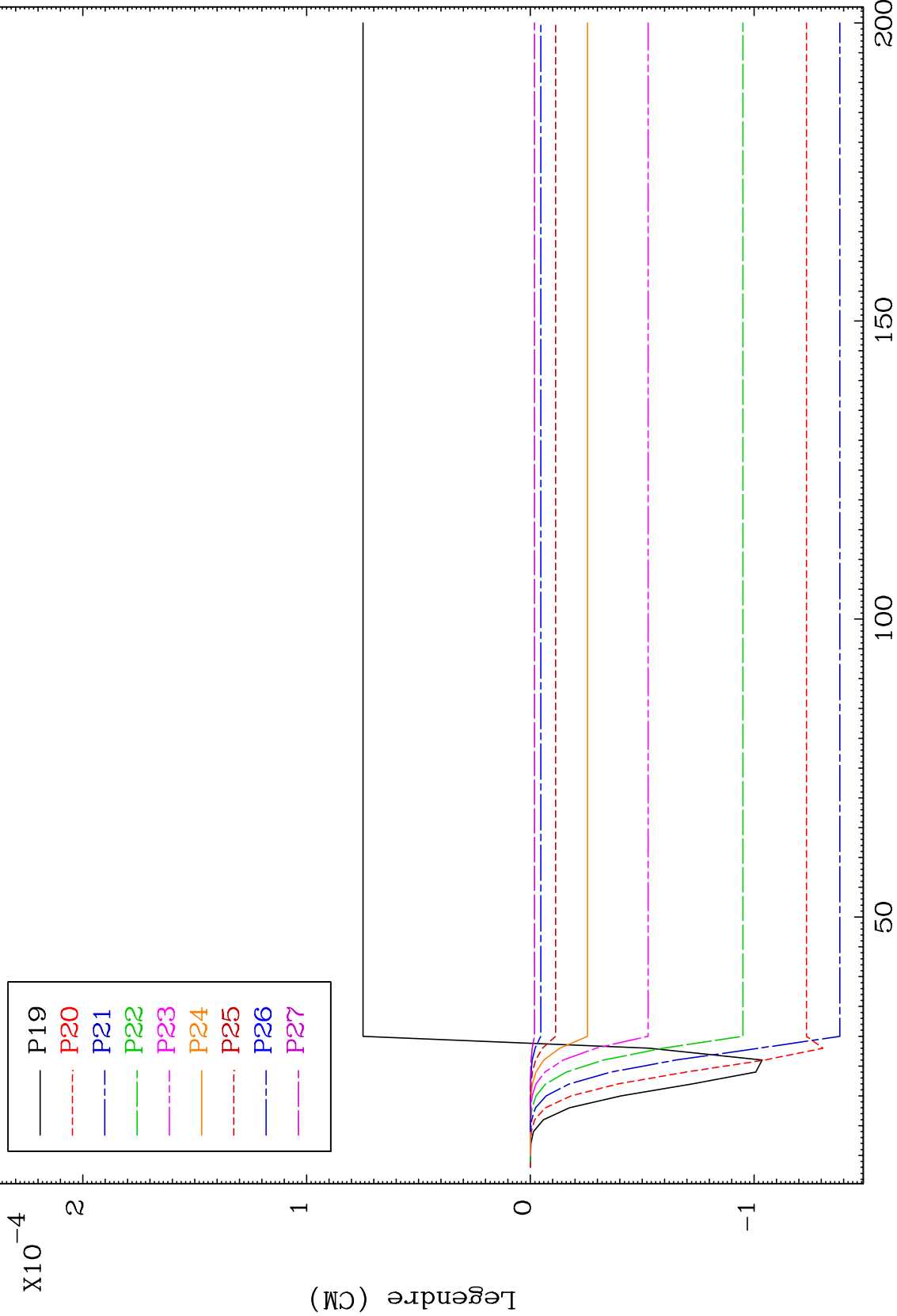
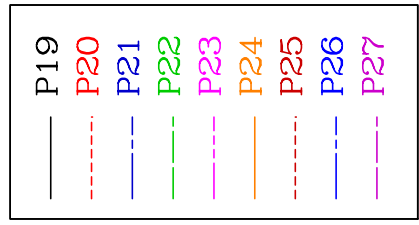
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

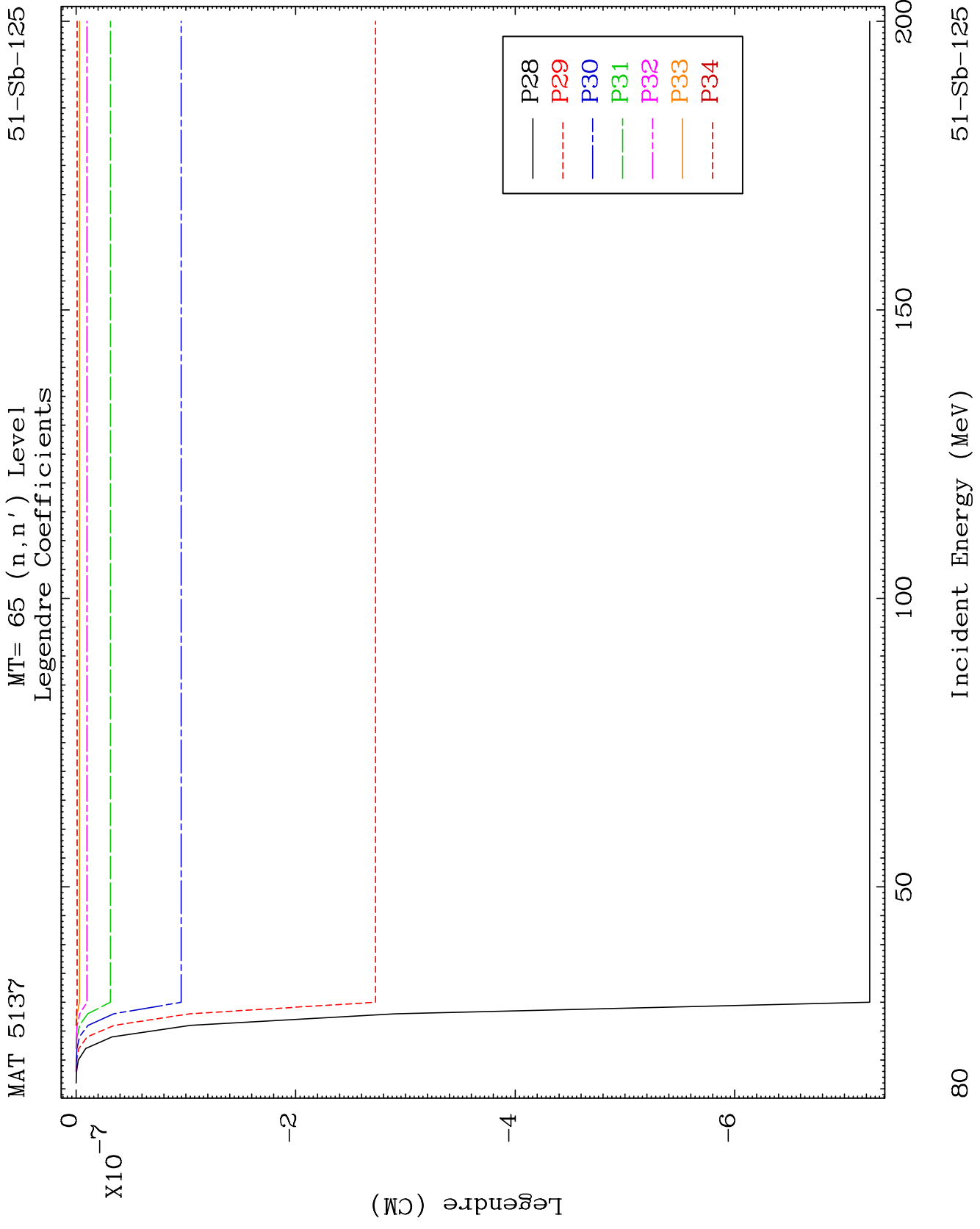
51-Sb-125



79

51-Sb-125

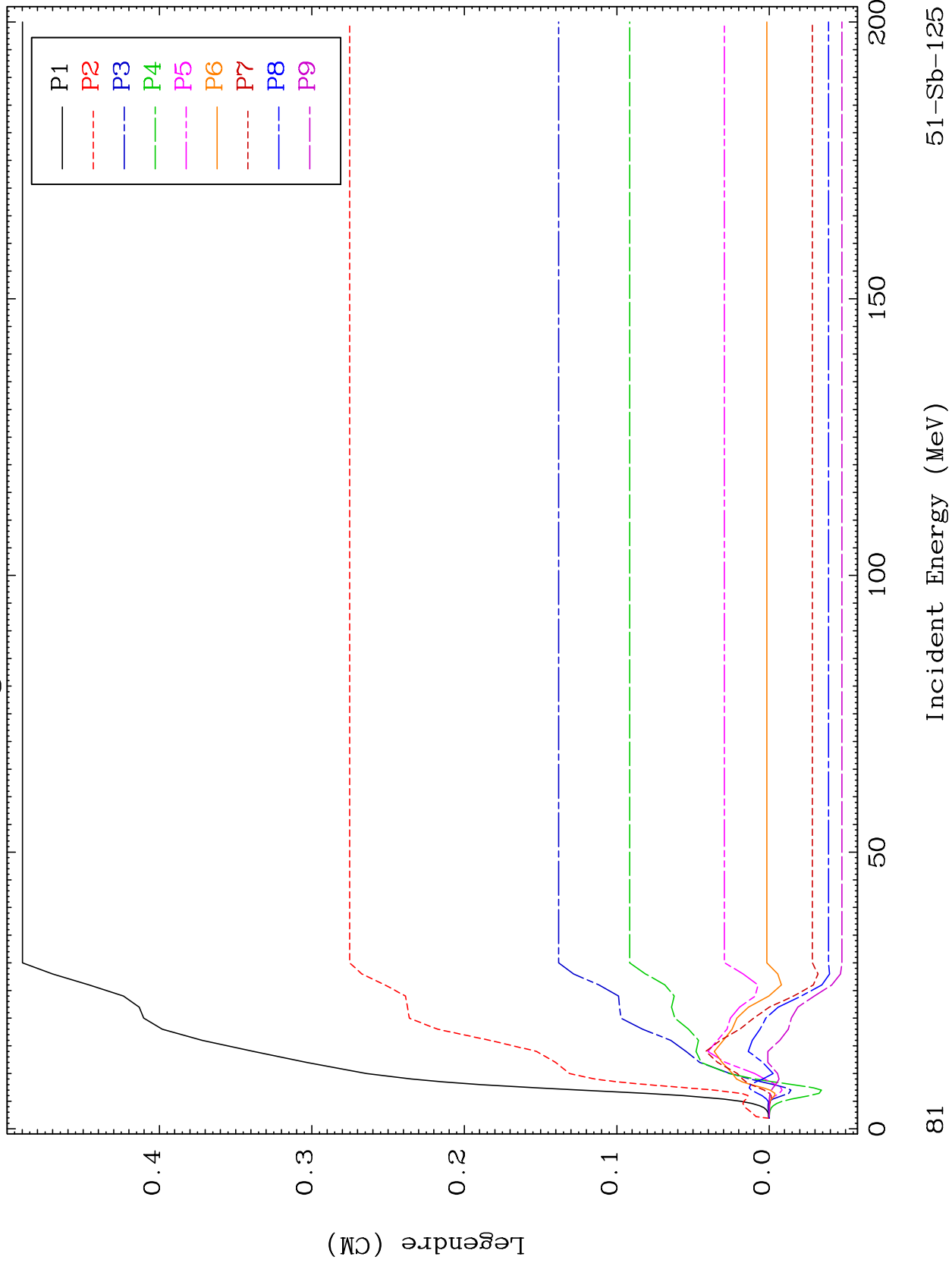
Incident Energy (MeV)



MAT 5137

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

51-Sb-125



81

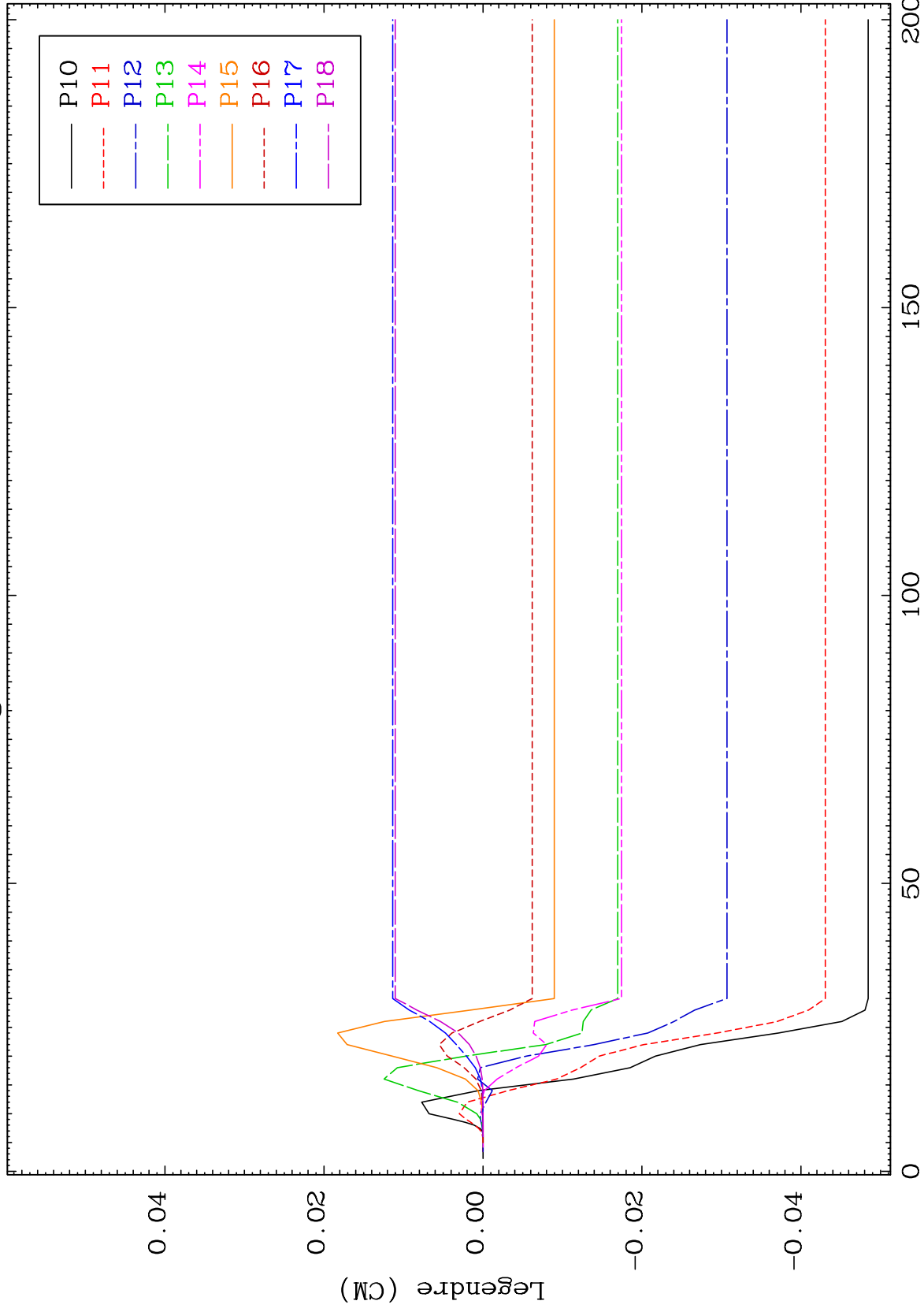
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



82

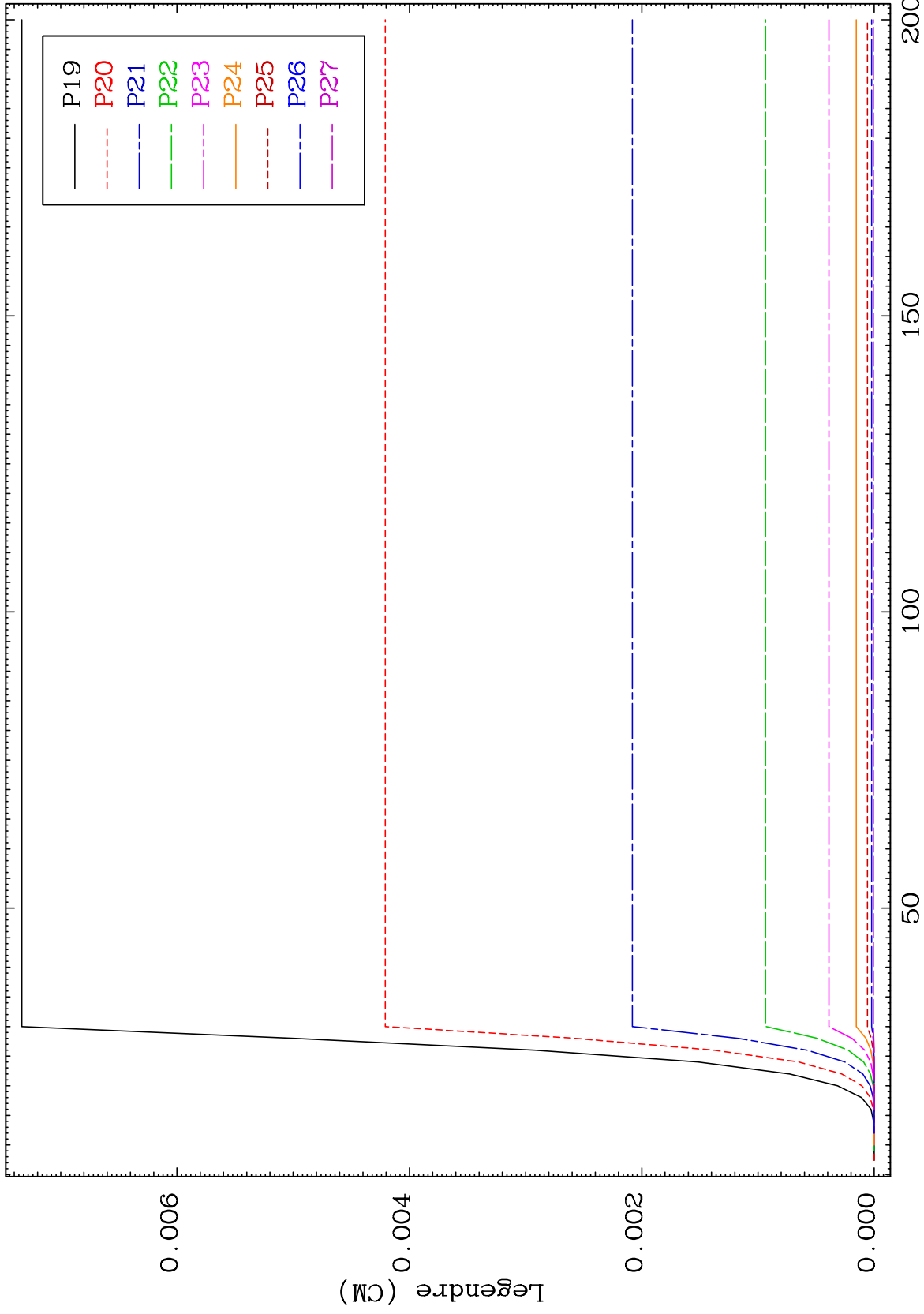
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



83

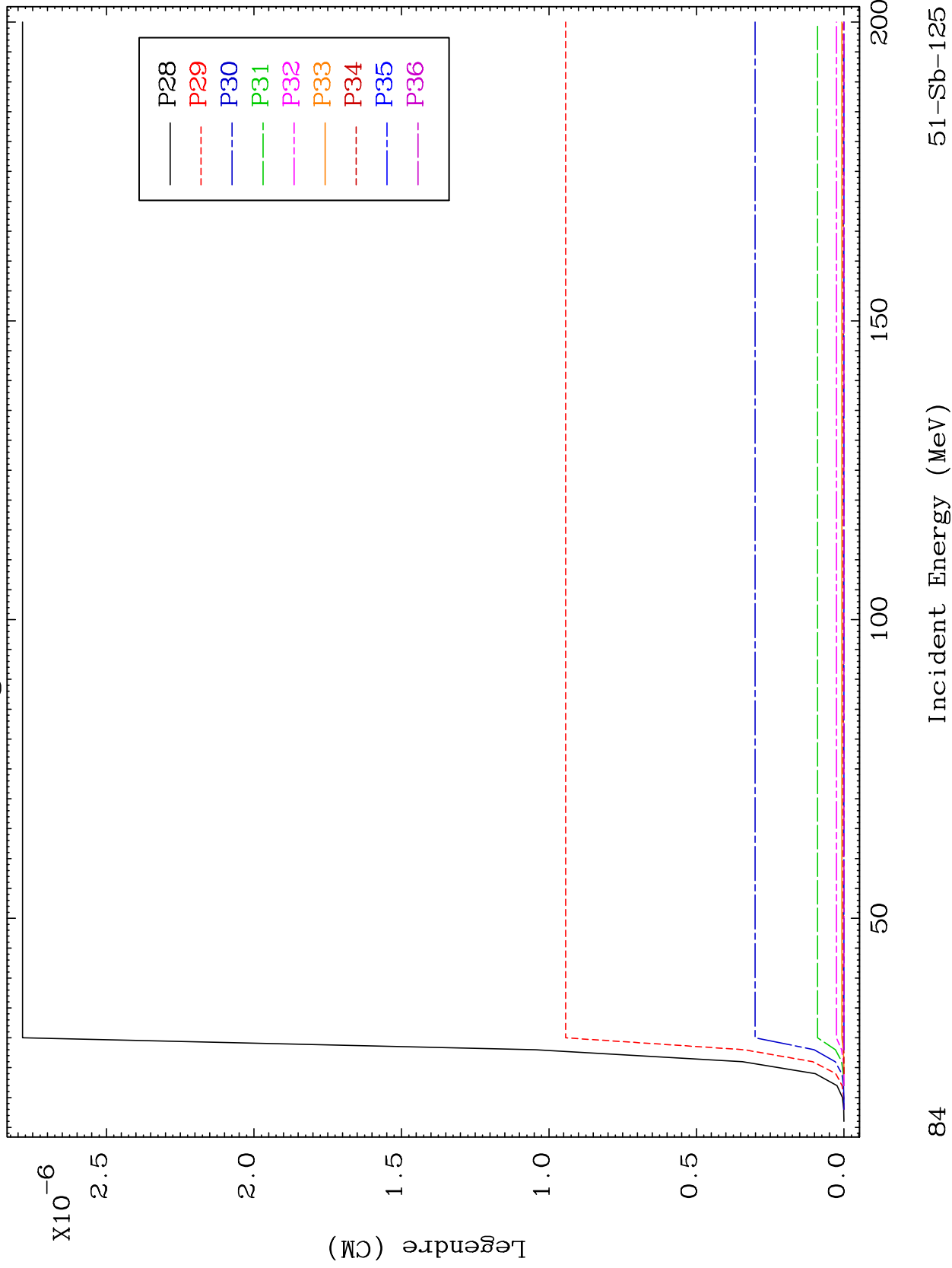
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

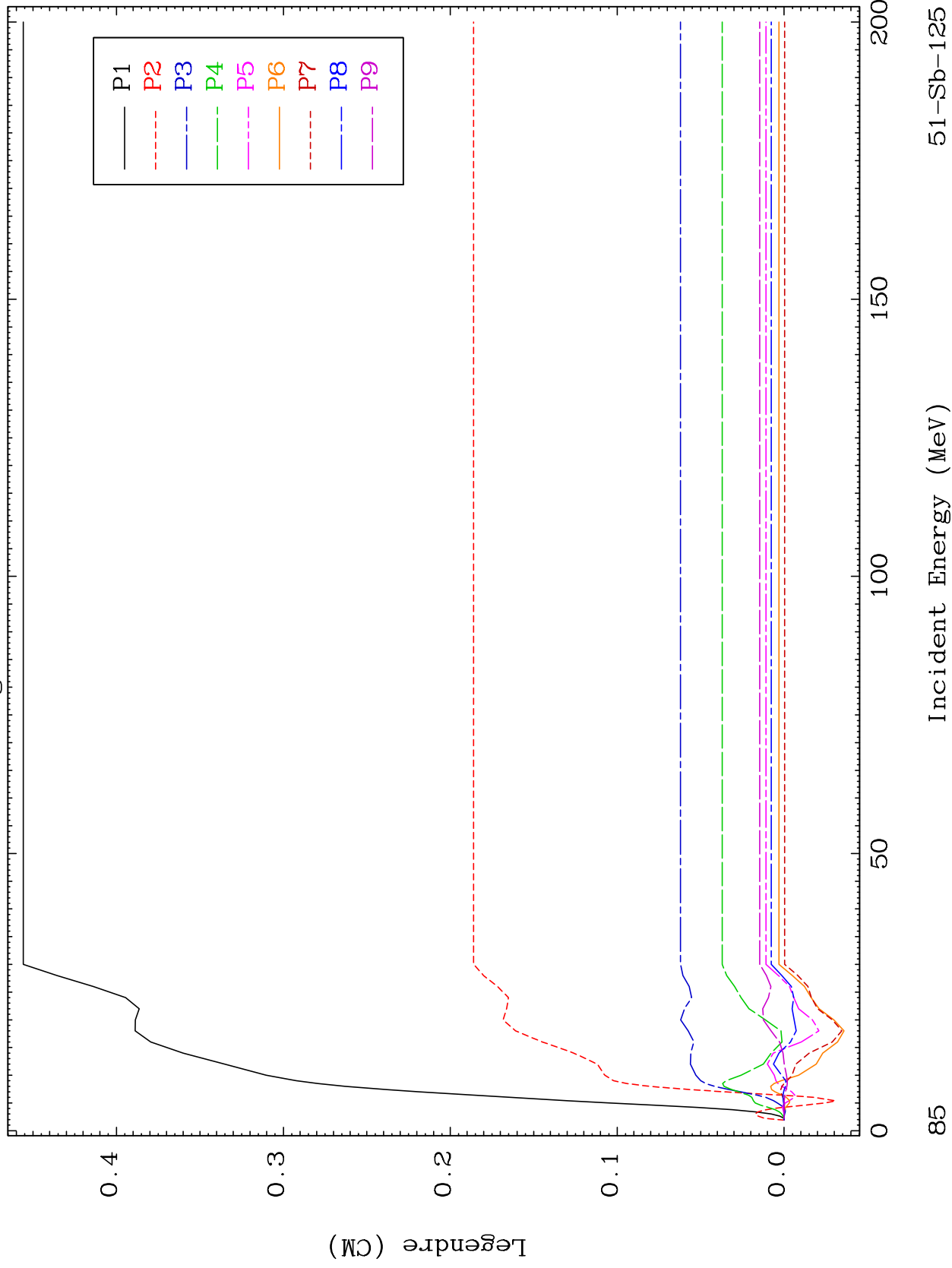
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

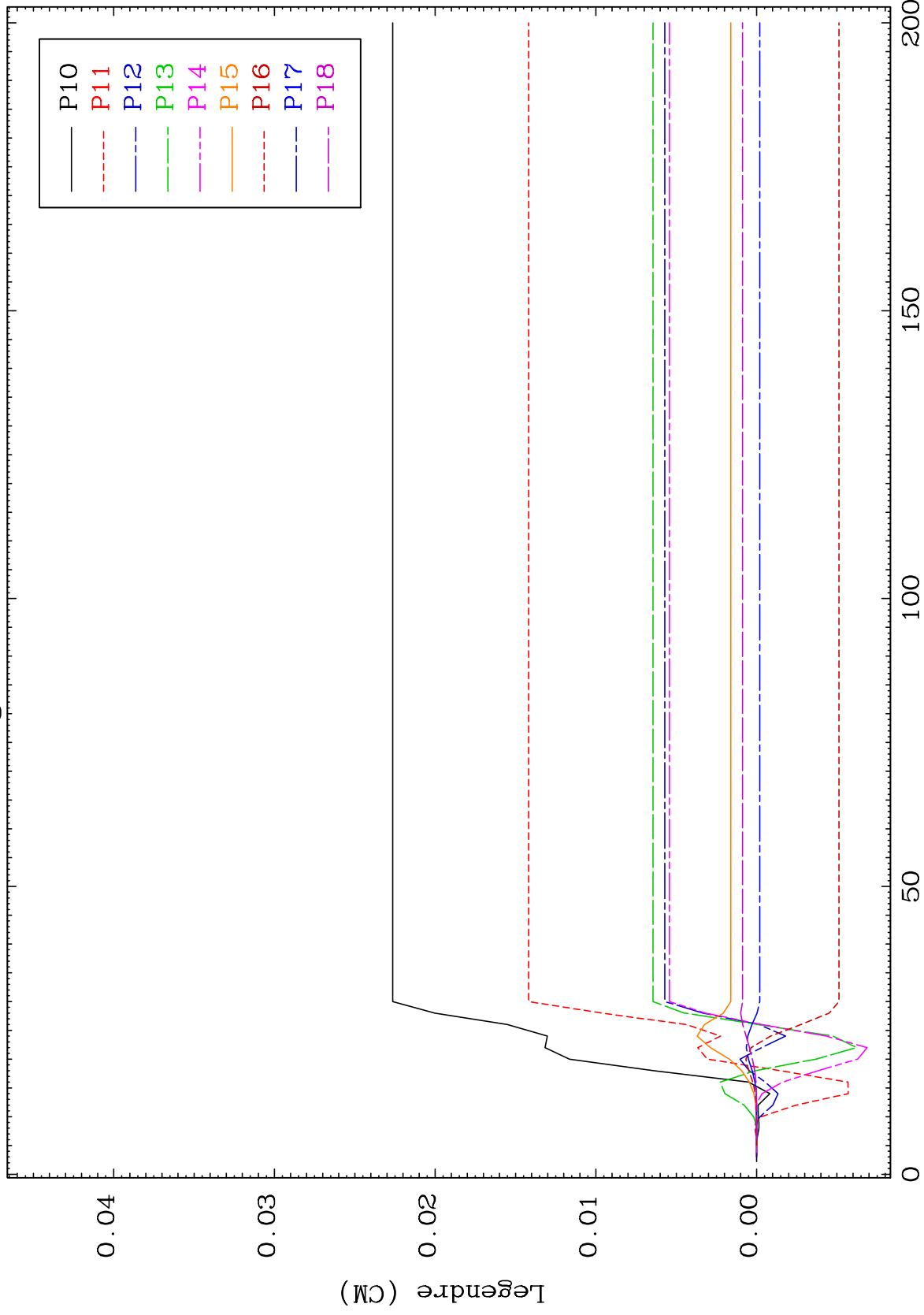
Incident Energy (MeV)

85

MAT 5137

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

51-Sb-125



86

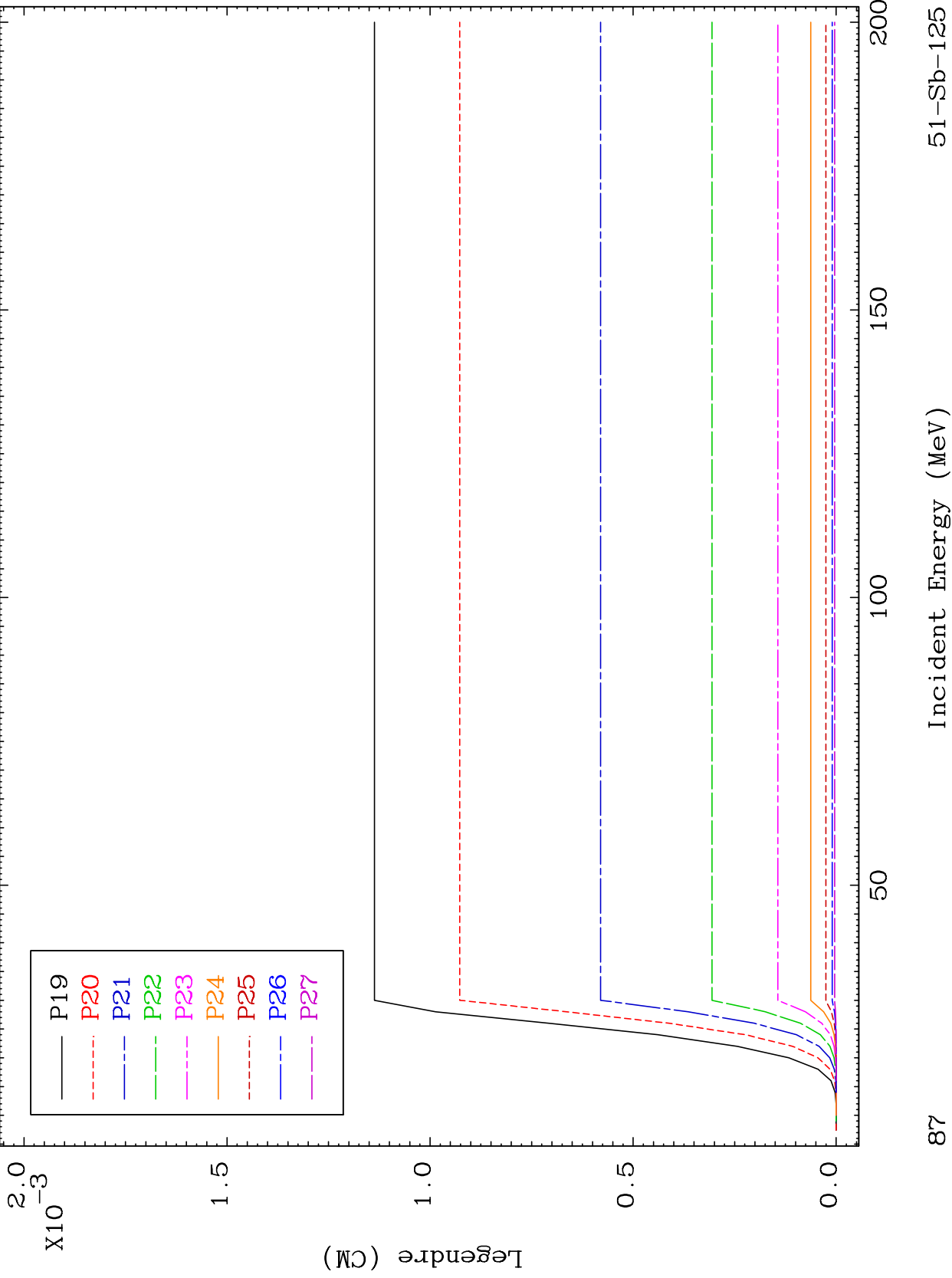
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

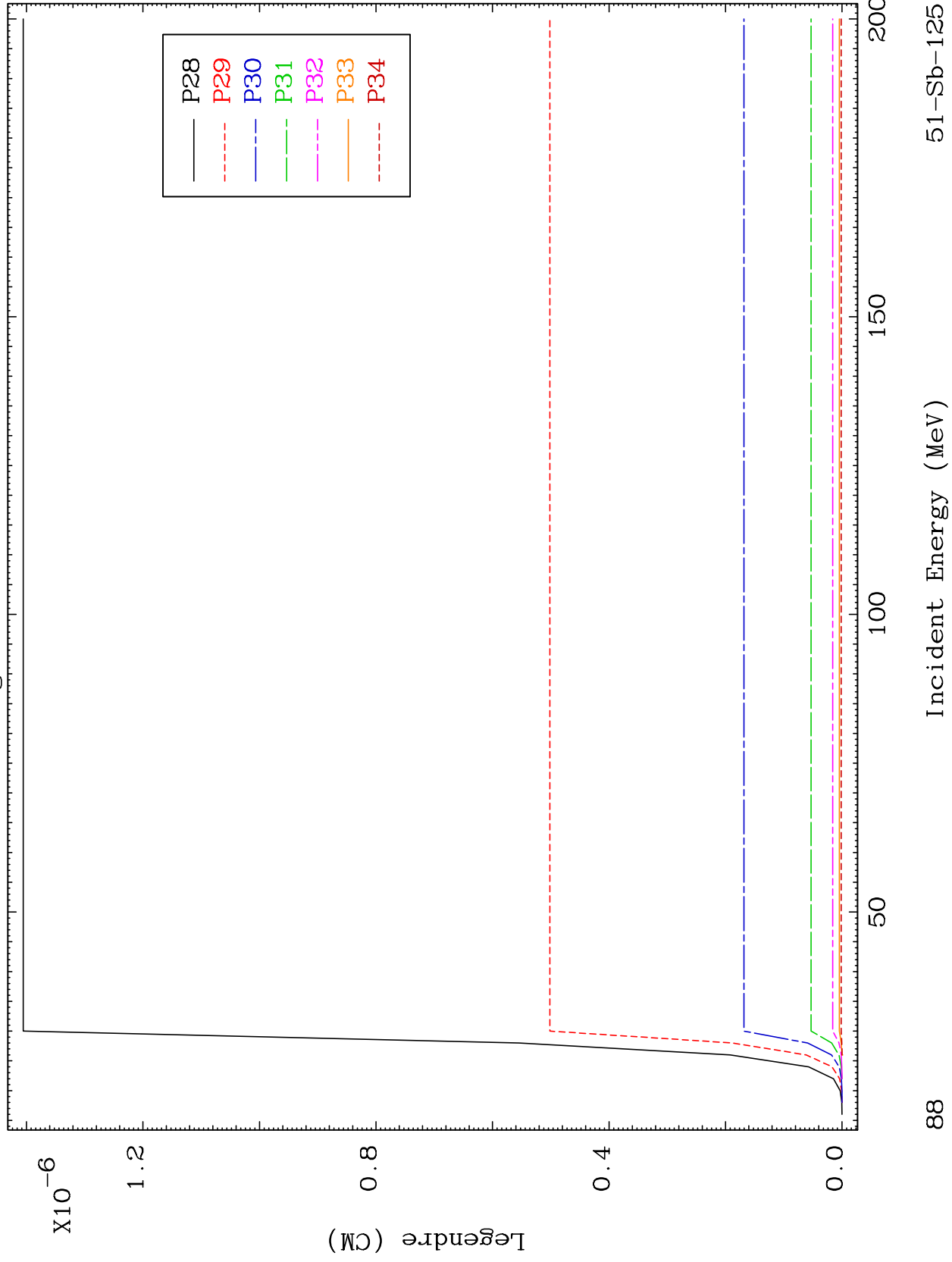
51-Sb-125



MAT 5137

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

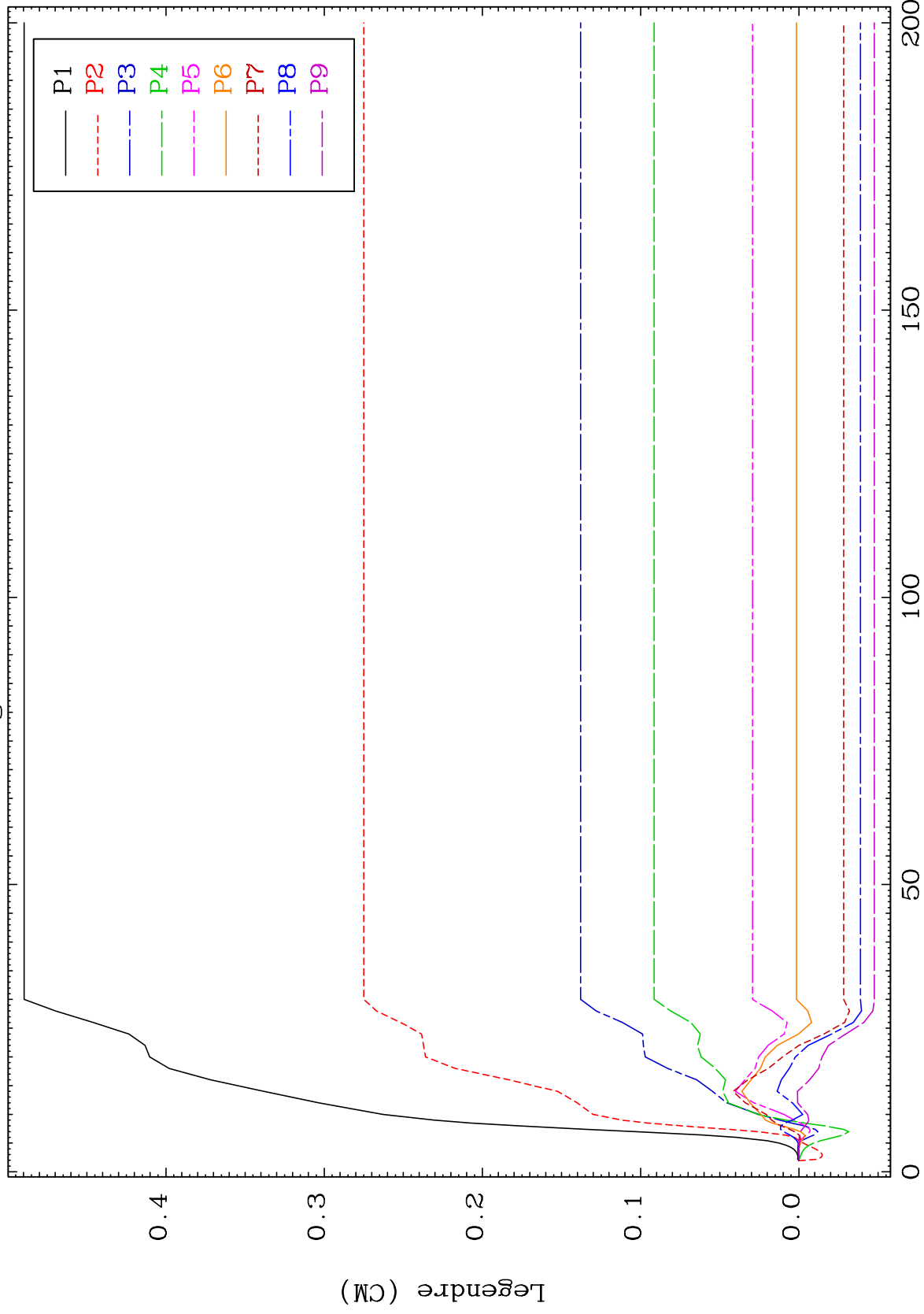
51-Sb-125



MAT 5137

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

51-Sb-125



89

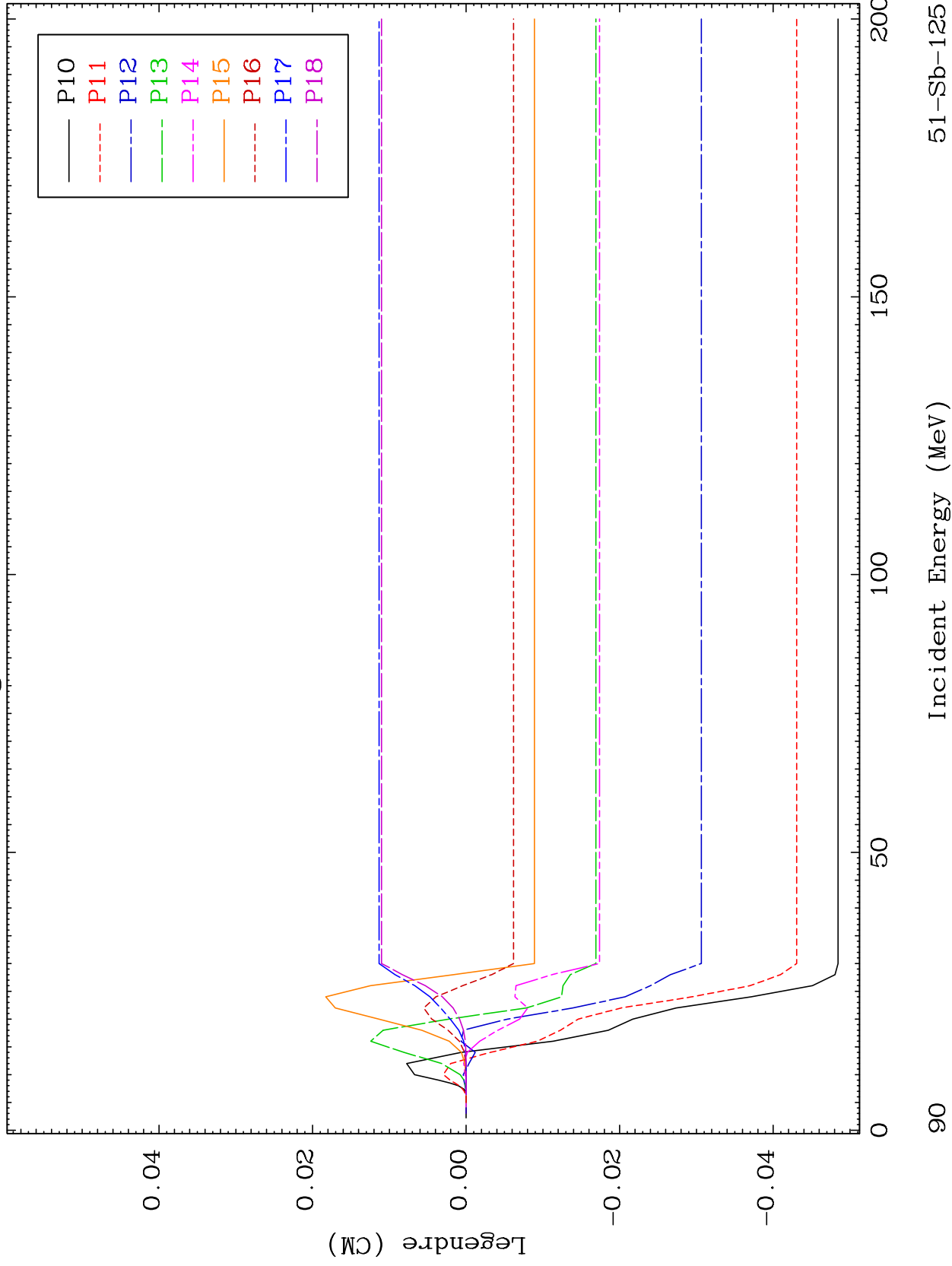
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

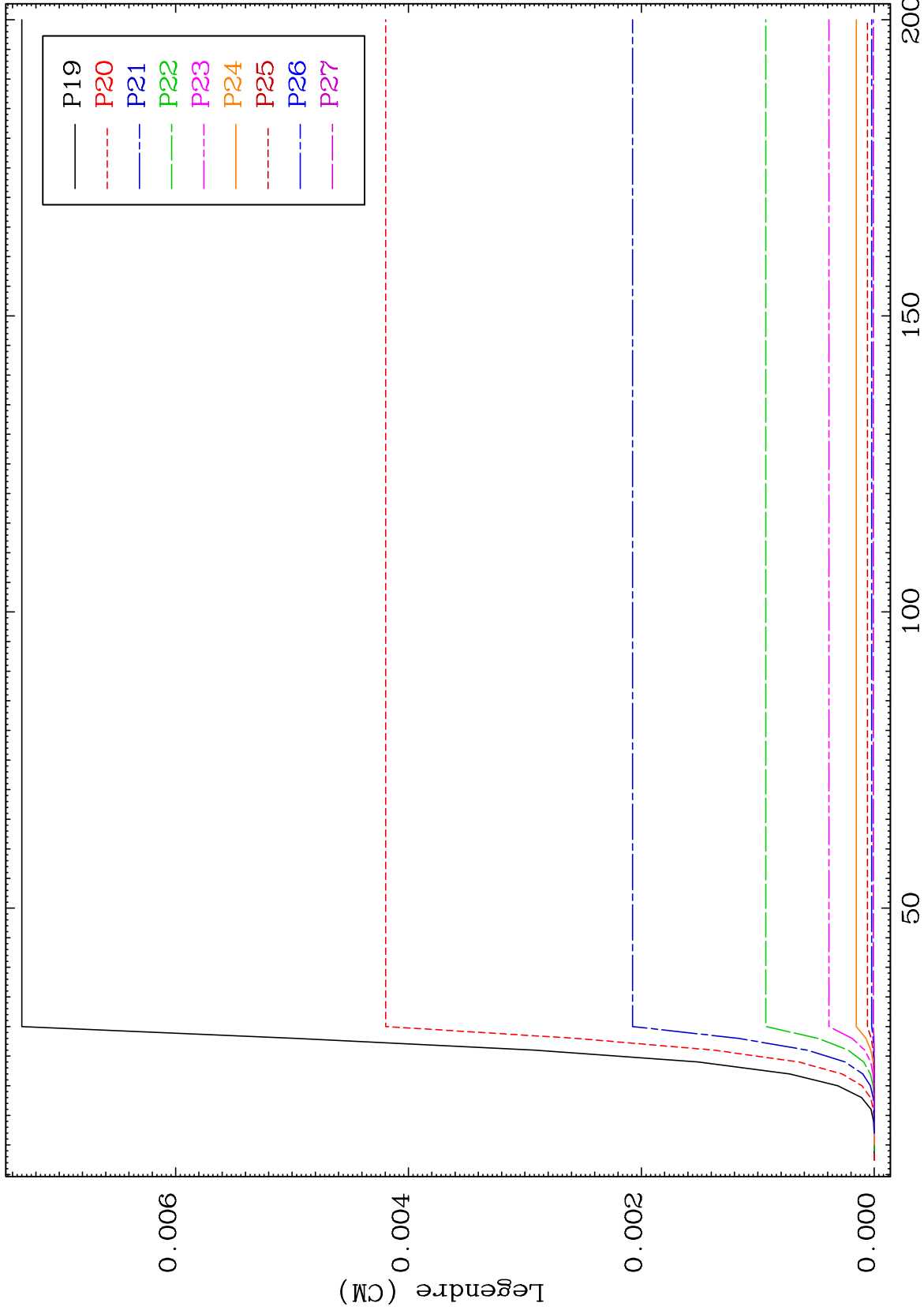
Incident Energy (MeV)

90

MAT 5137

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

51-Sb-125



91

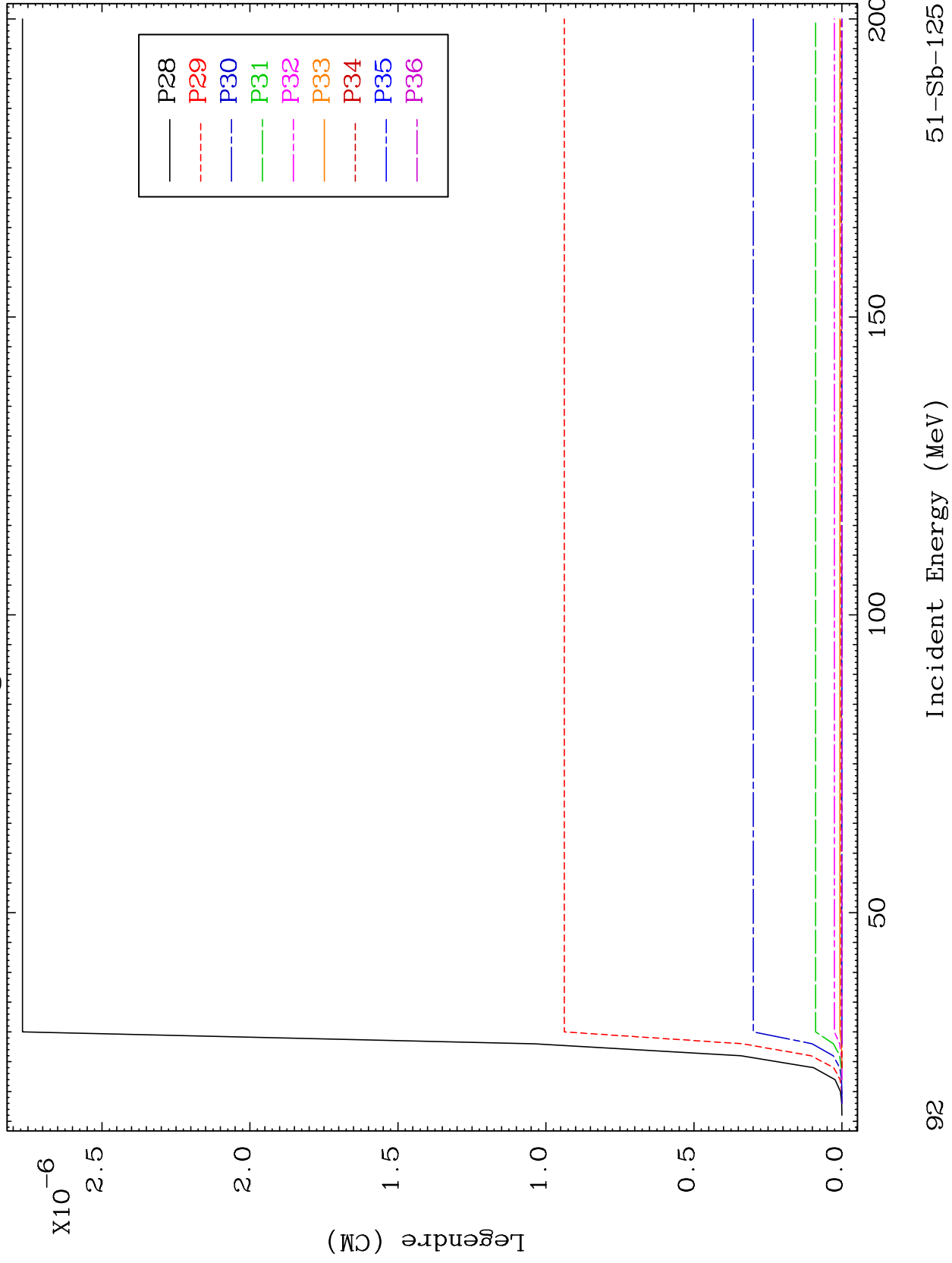
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

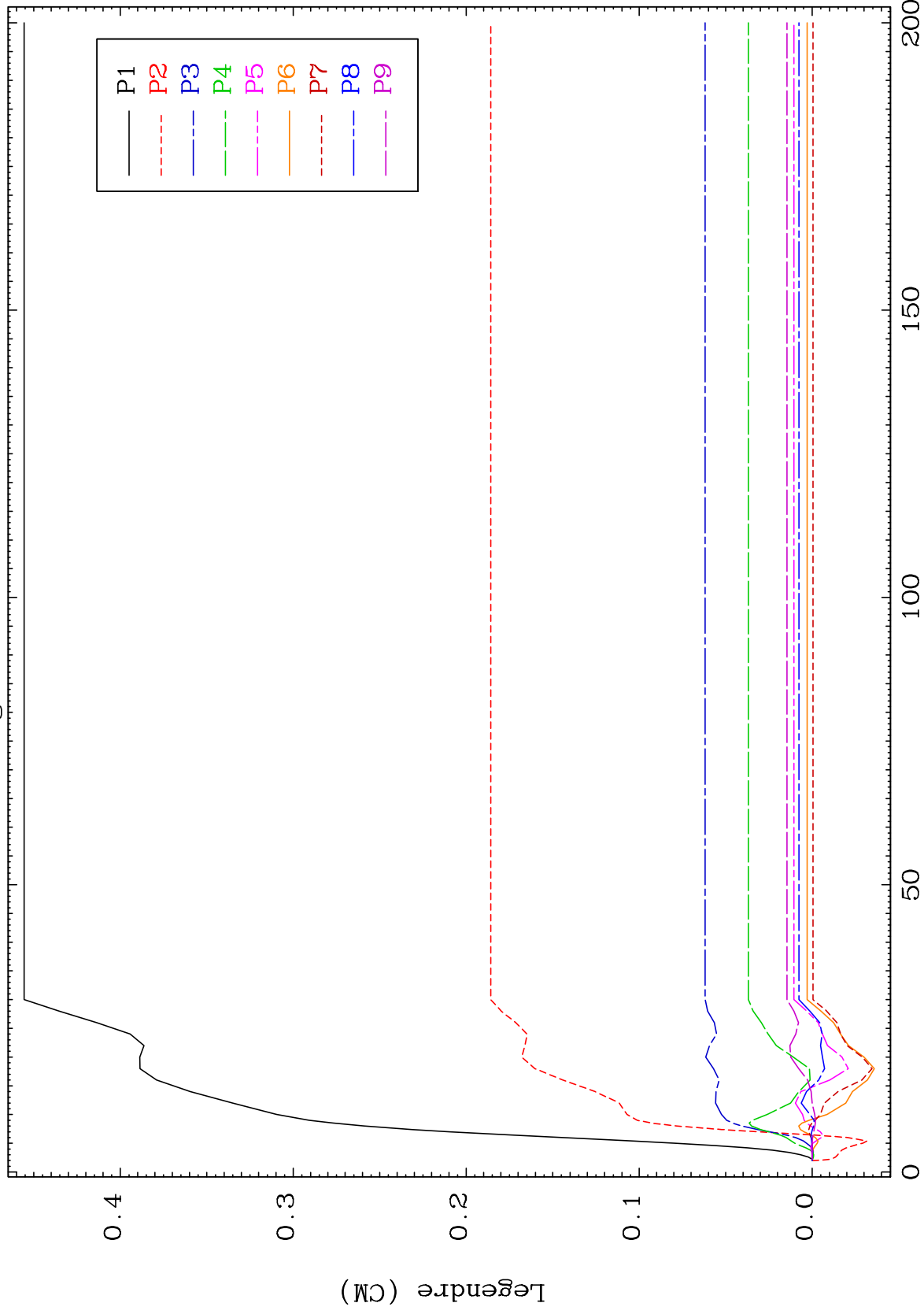
51-Sb-125



MAT 5137

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

51-Sb-125



93

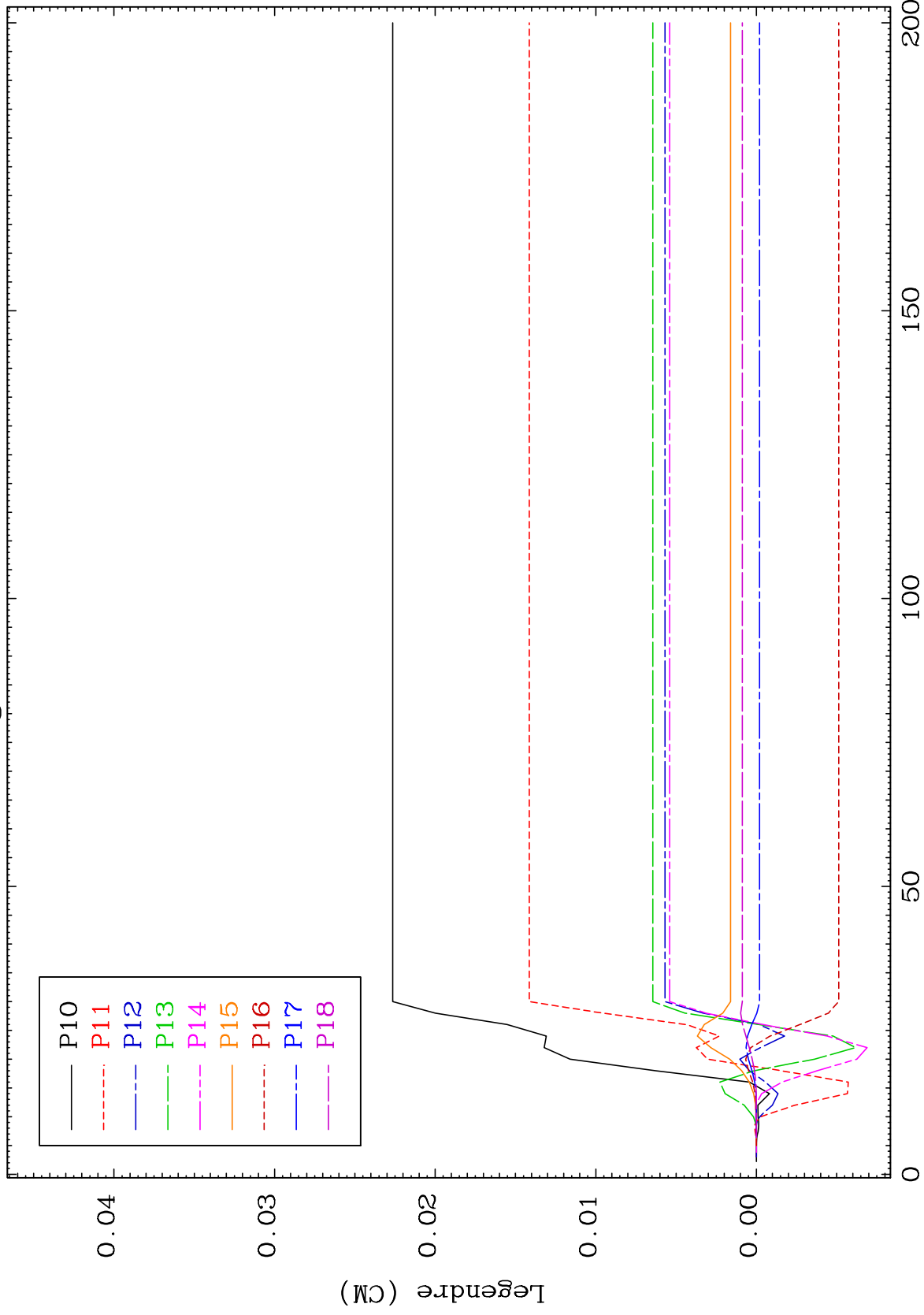
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



94

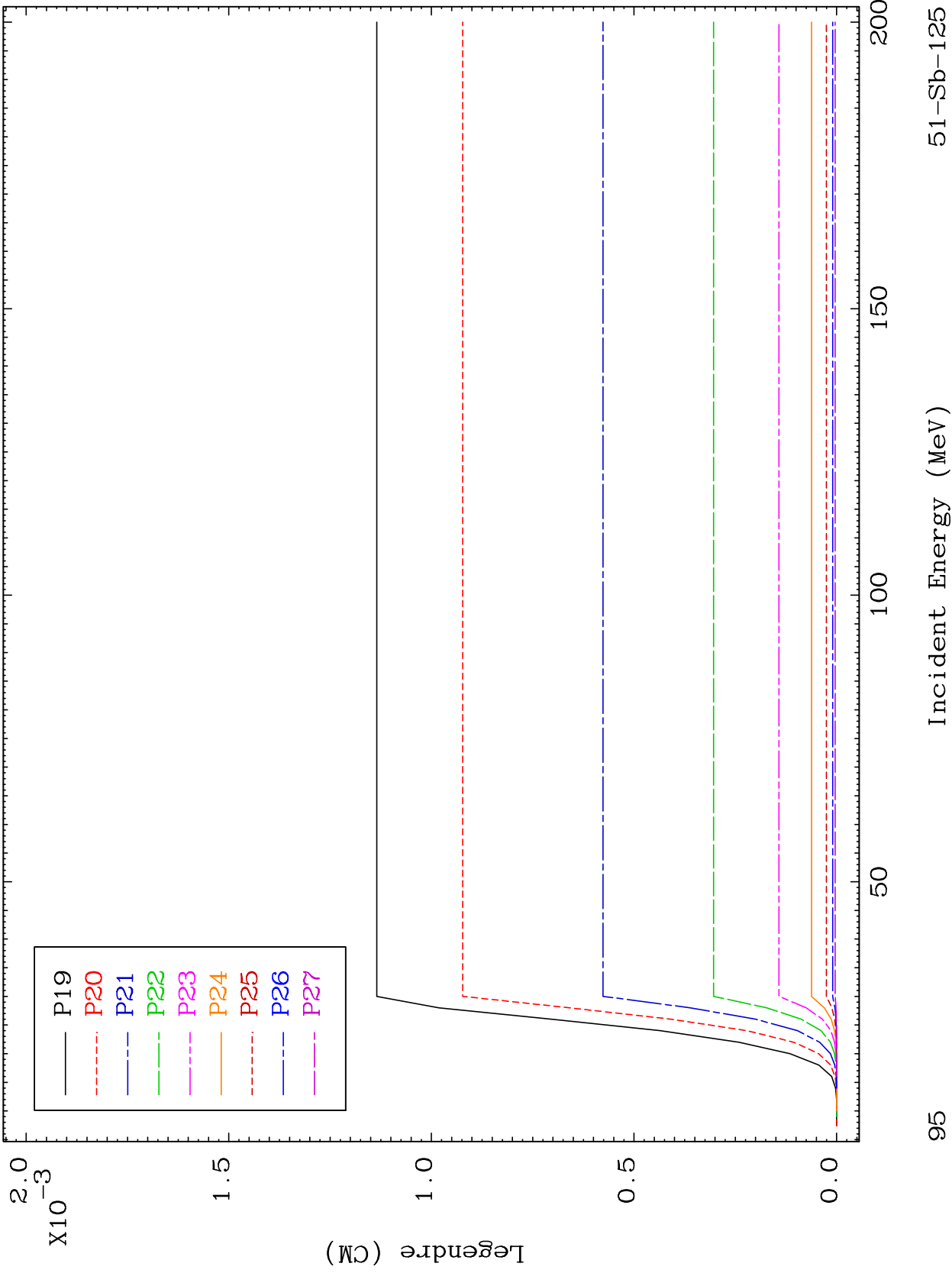
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

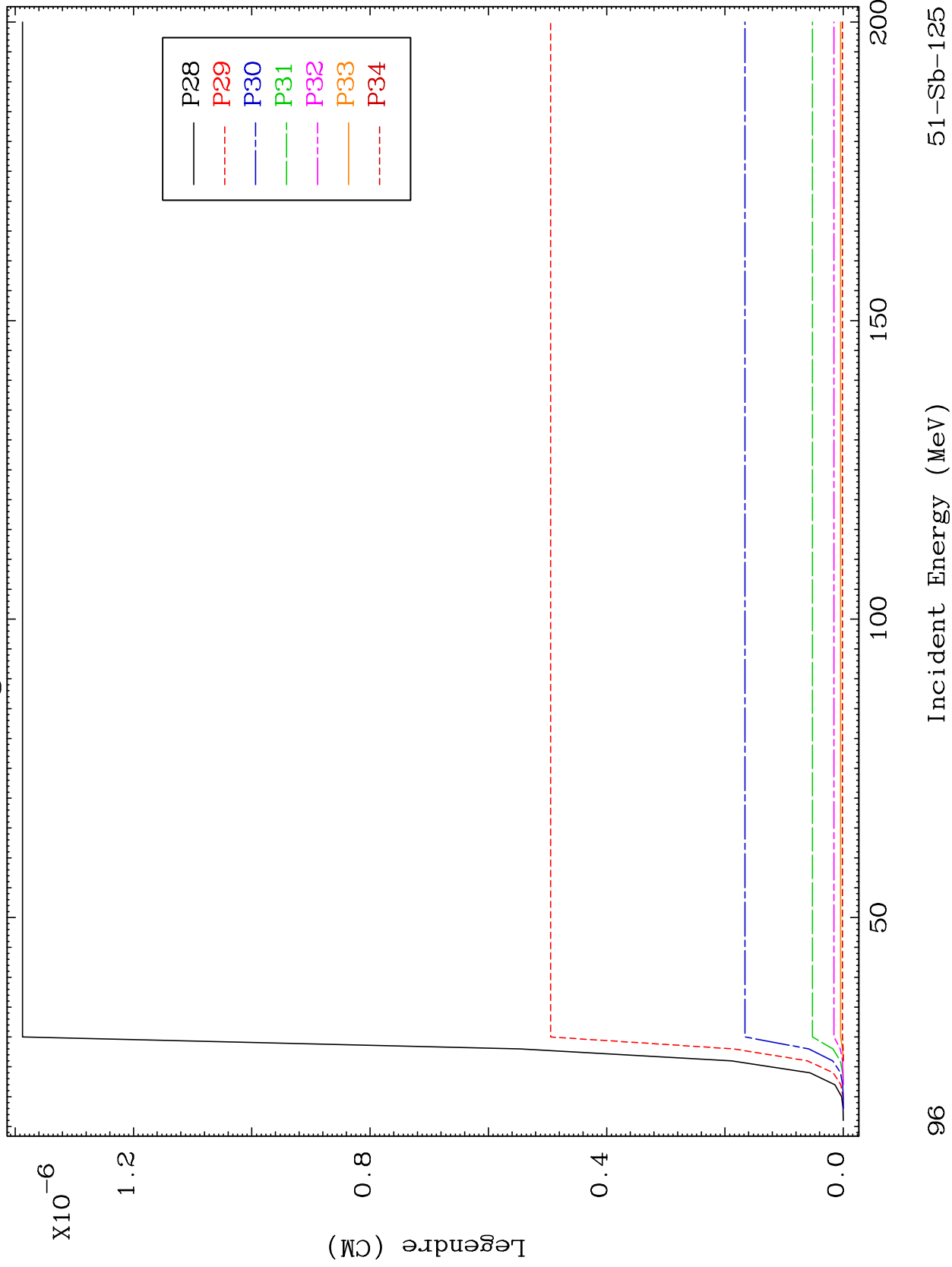
51-Sb-125



MAT 5137

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

51-Sb-125



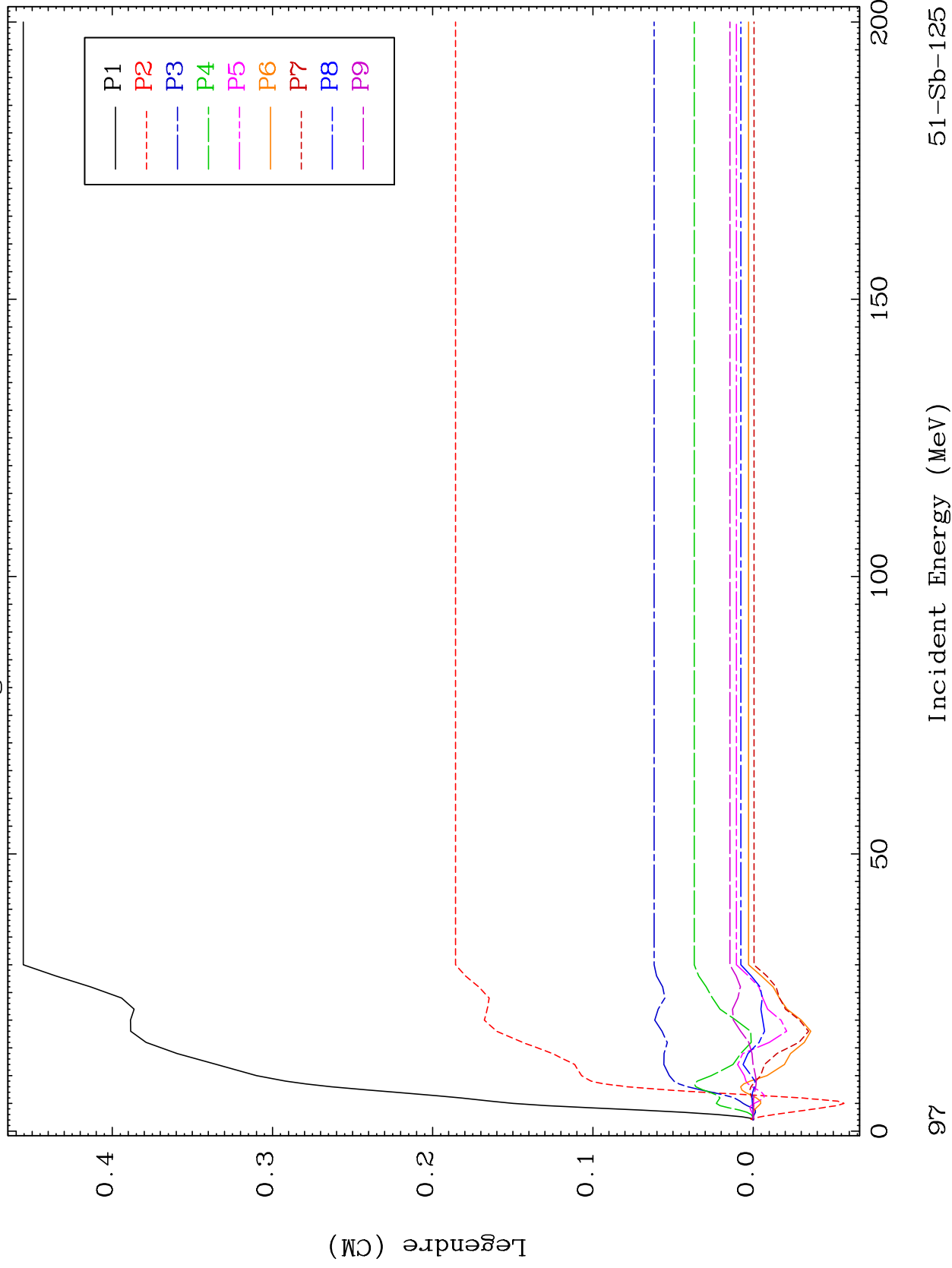
96

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

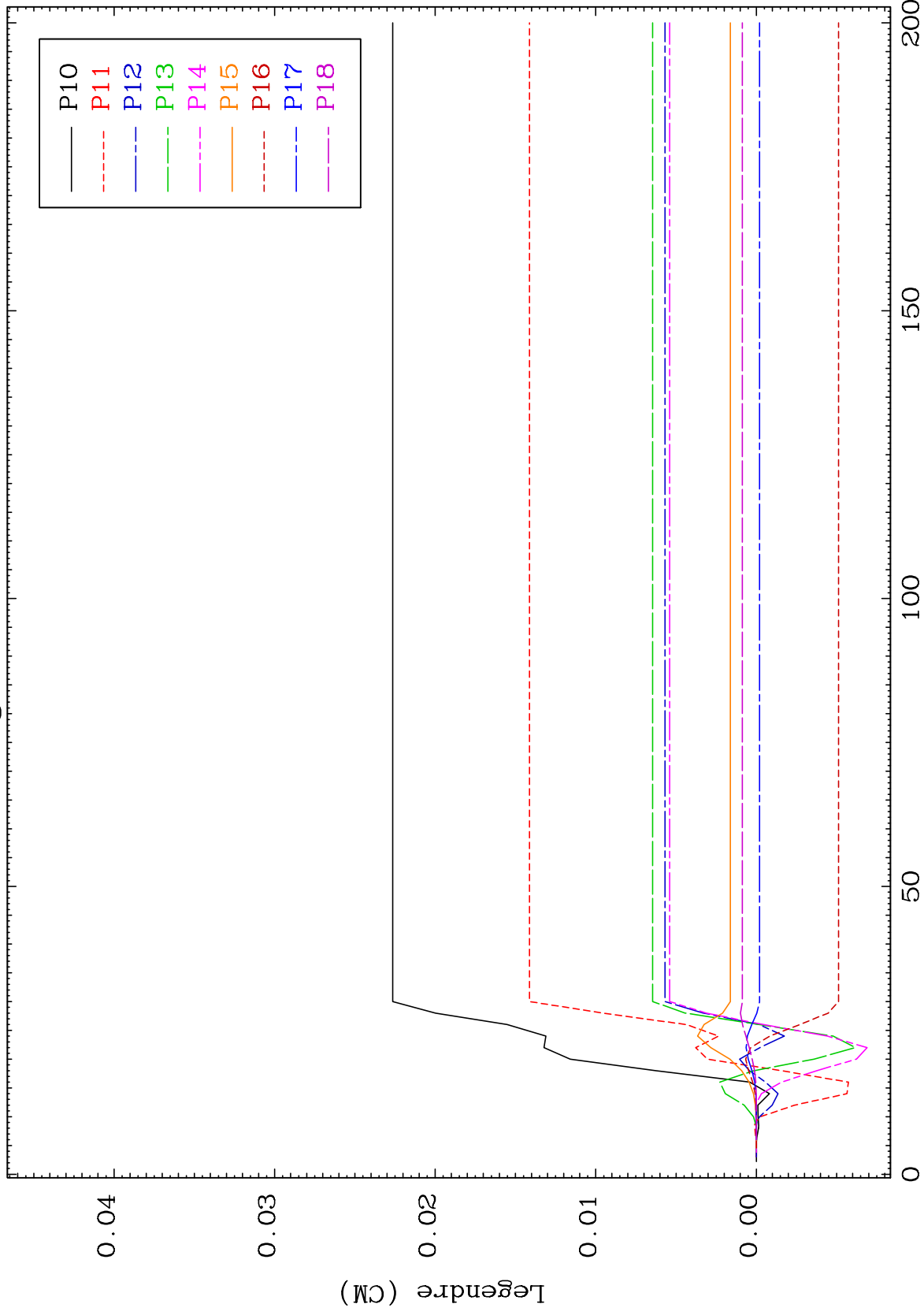
Incident Energy (MeV)

97

MAT 5137

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

51-Sb-125



98

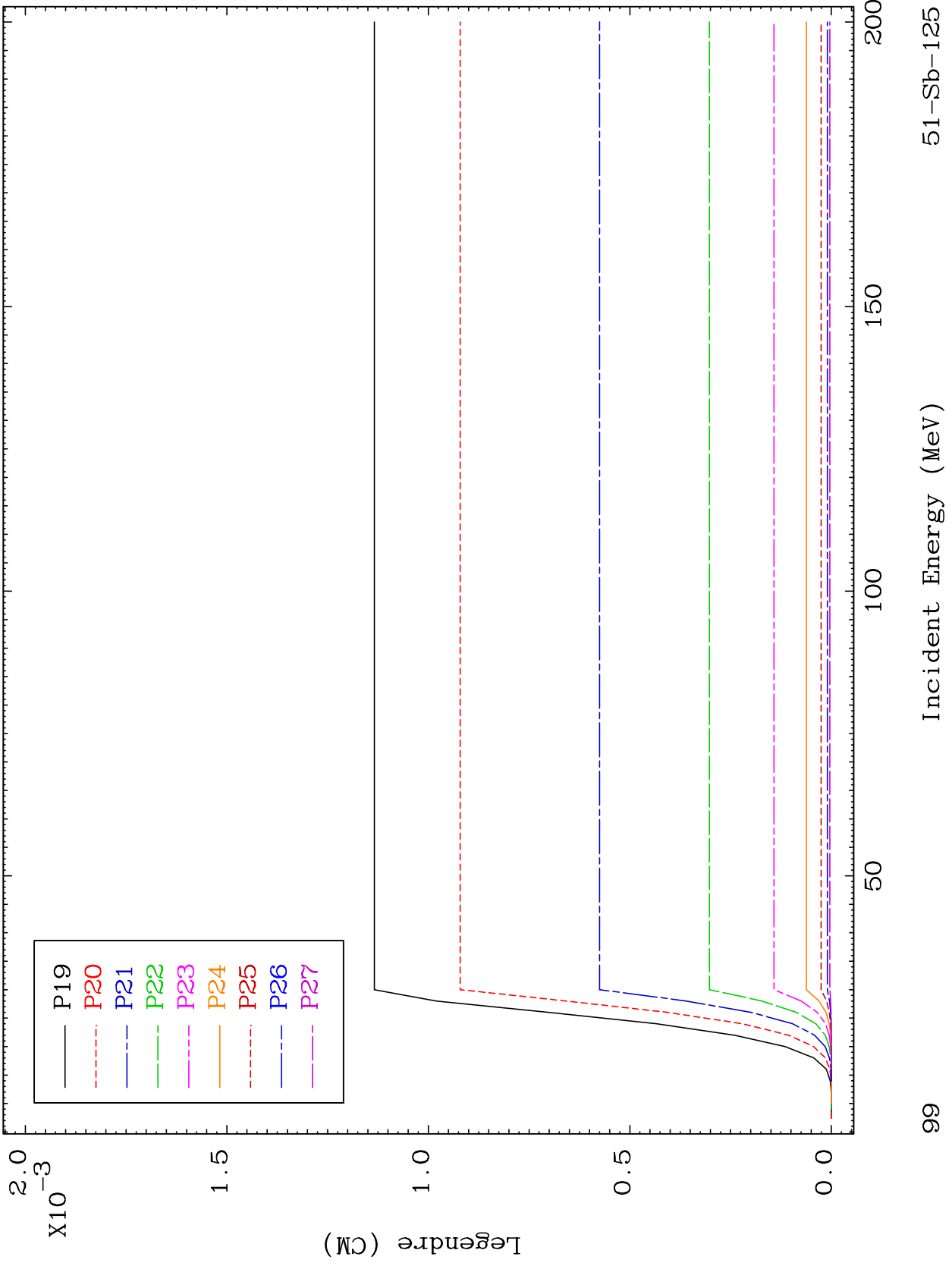
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

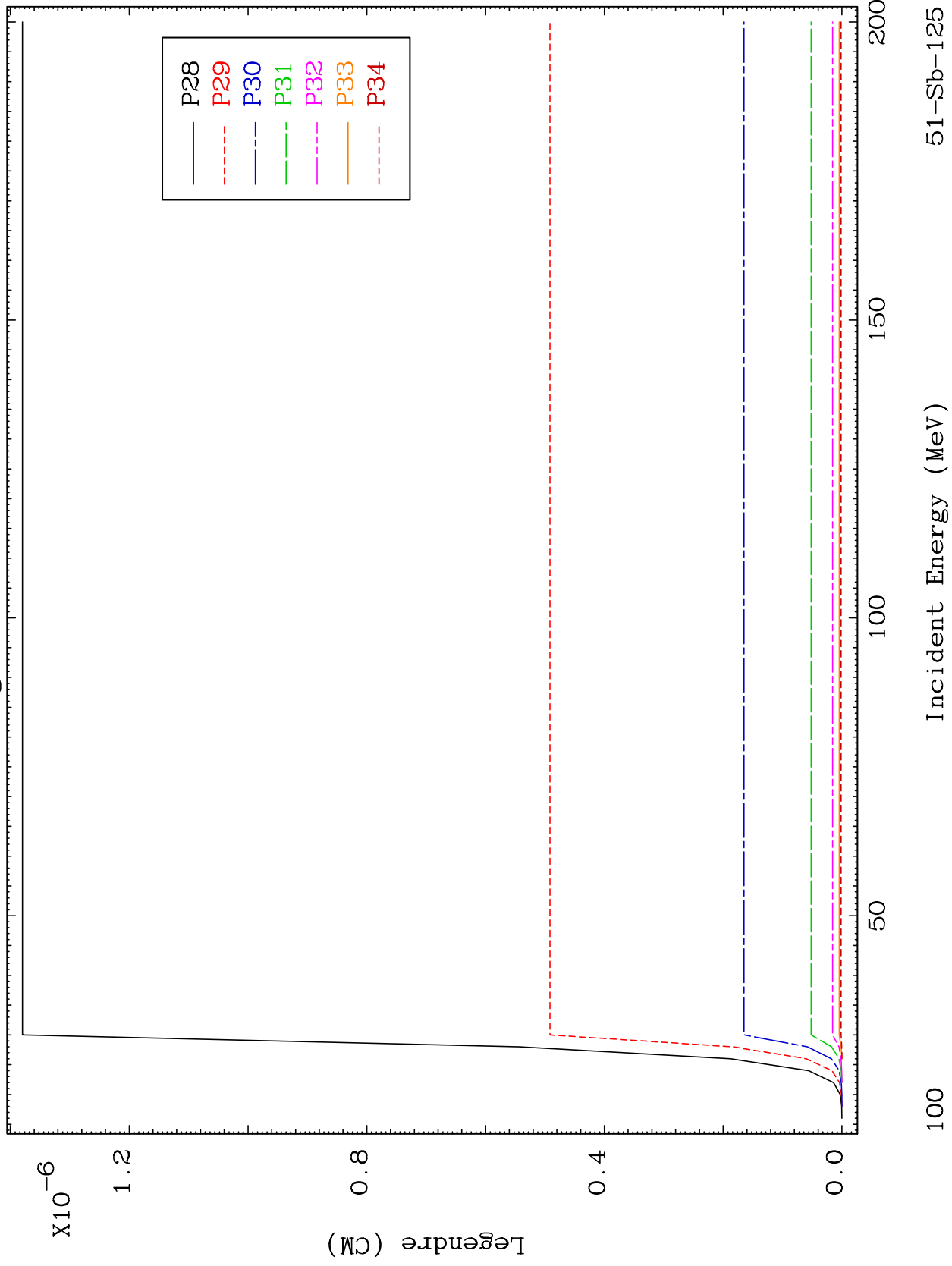
51-Sb-125



MAT 5137

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

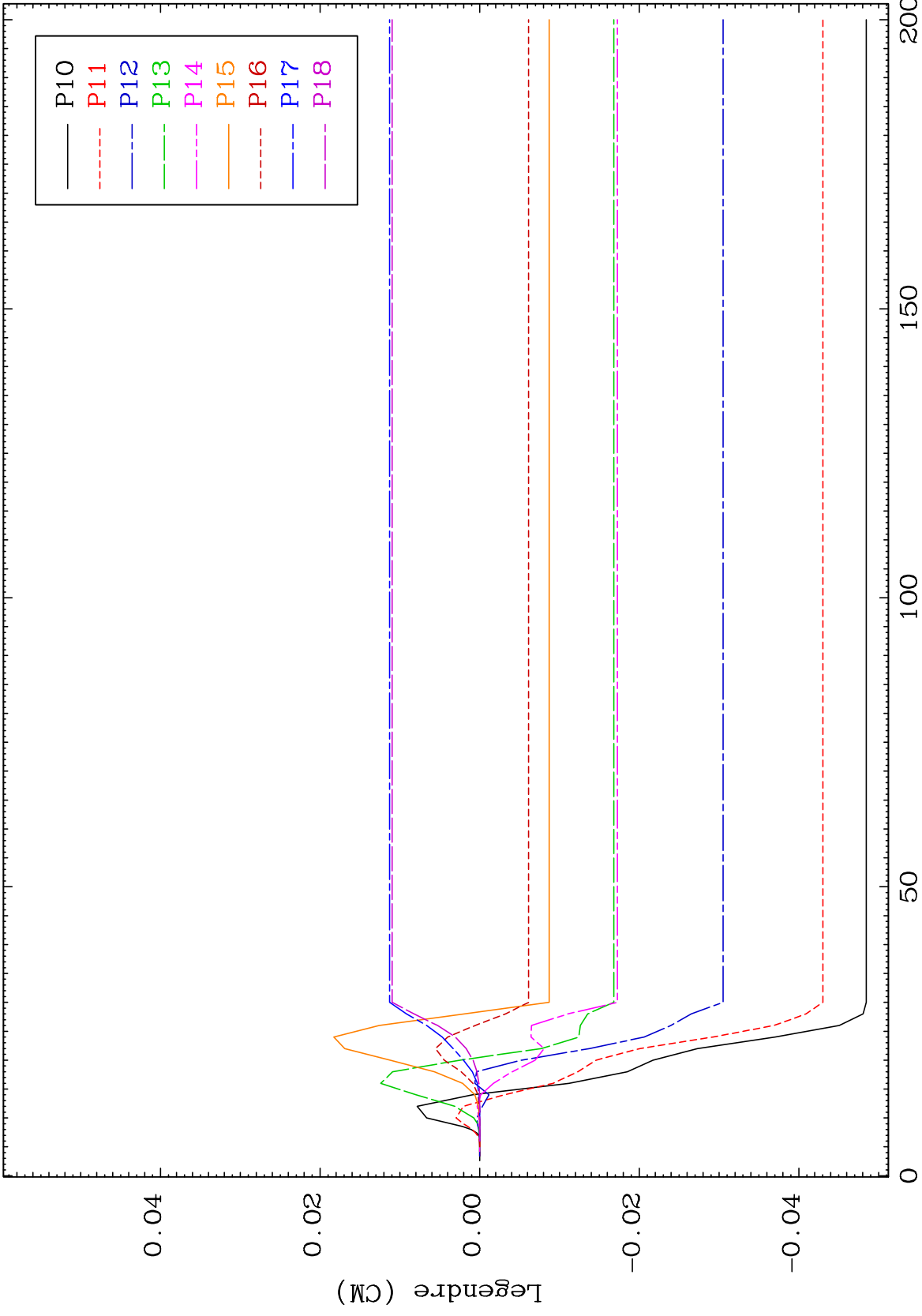
51-Sb-125



MAT 5137

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

51-Sb-125



102

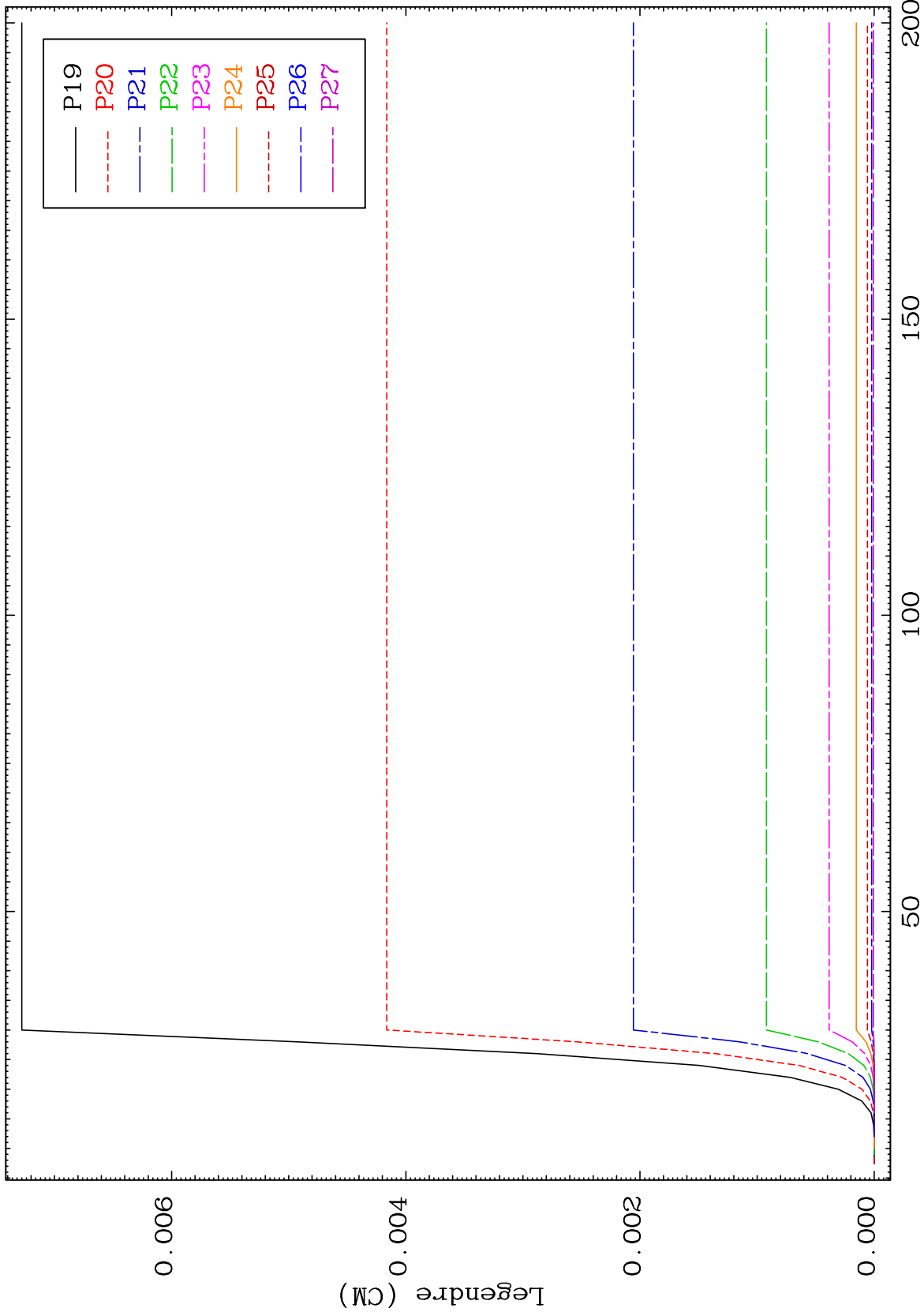
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



103

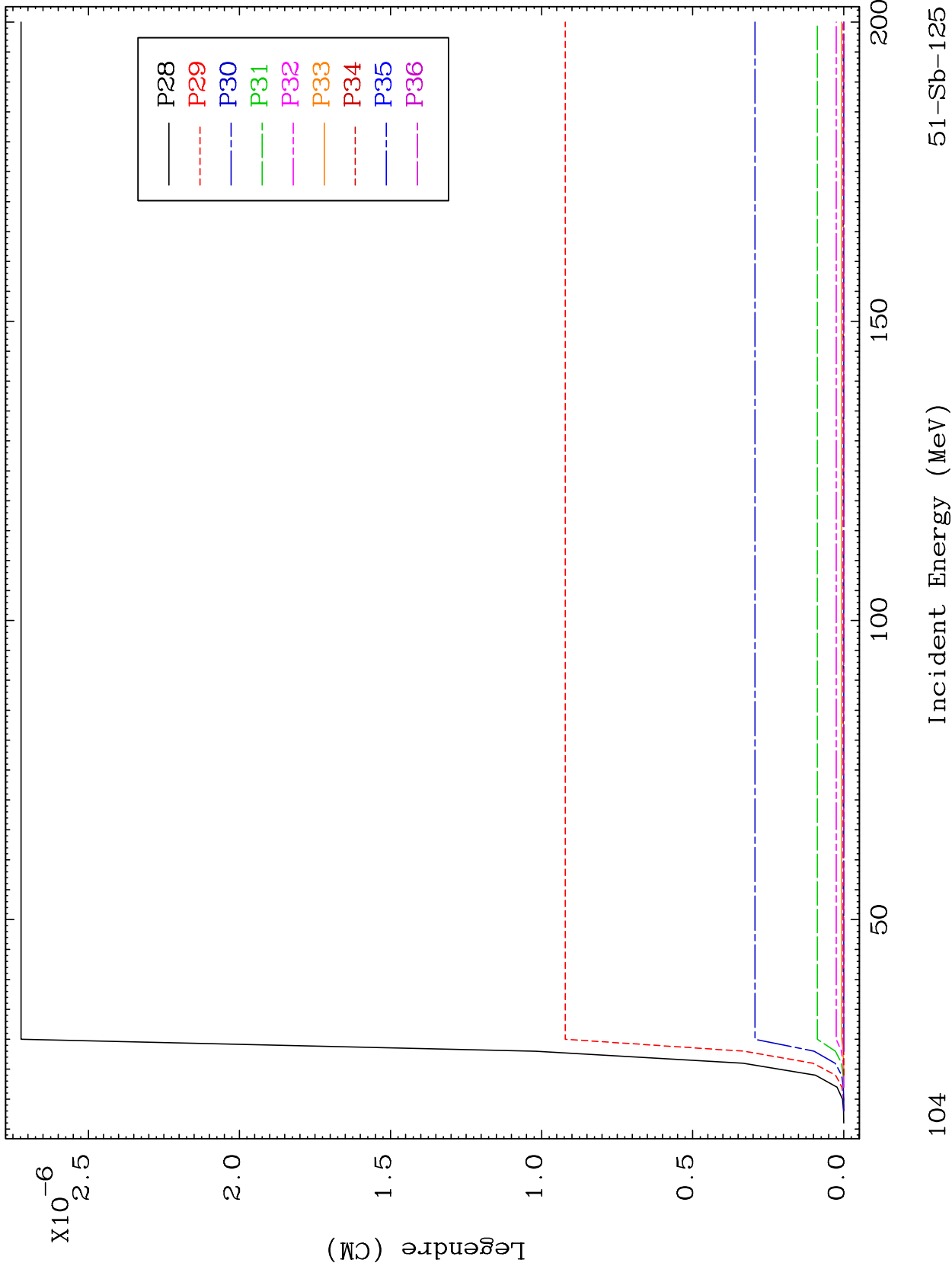
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



104

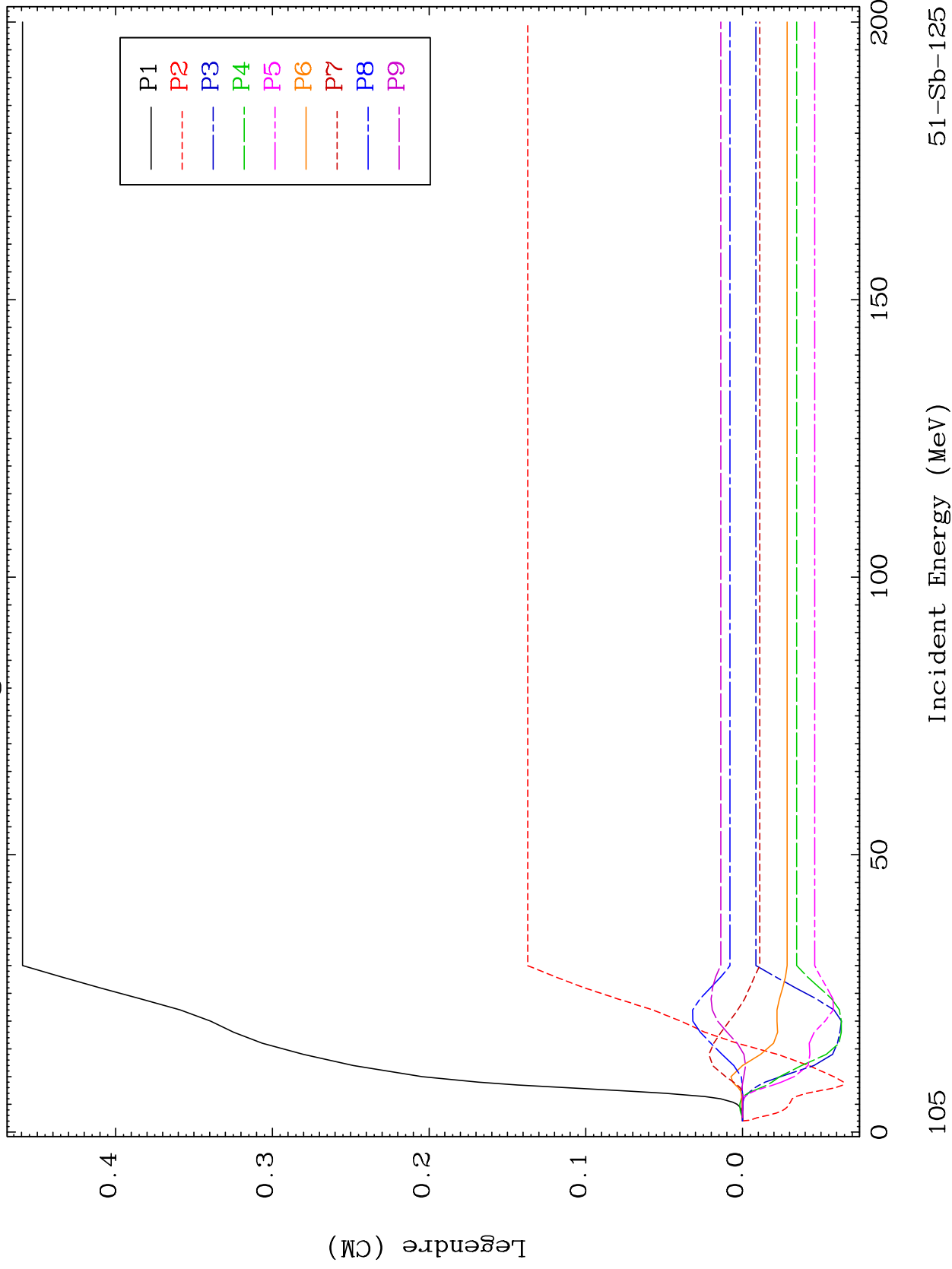
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

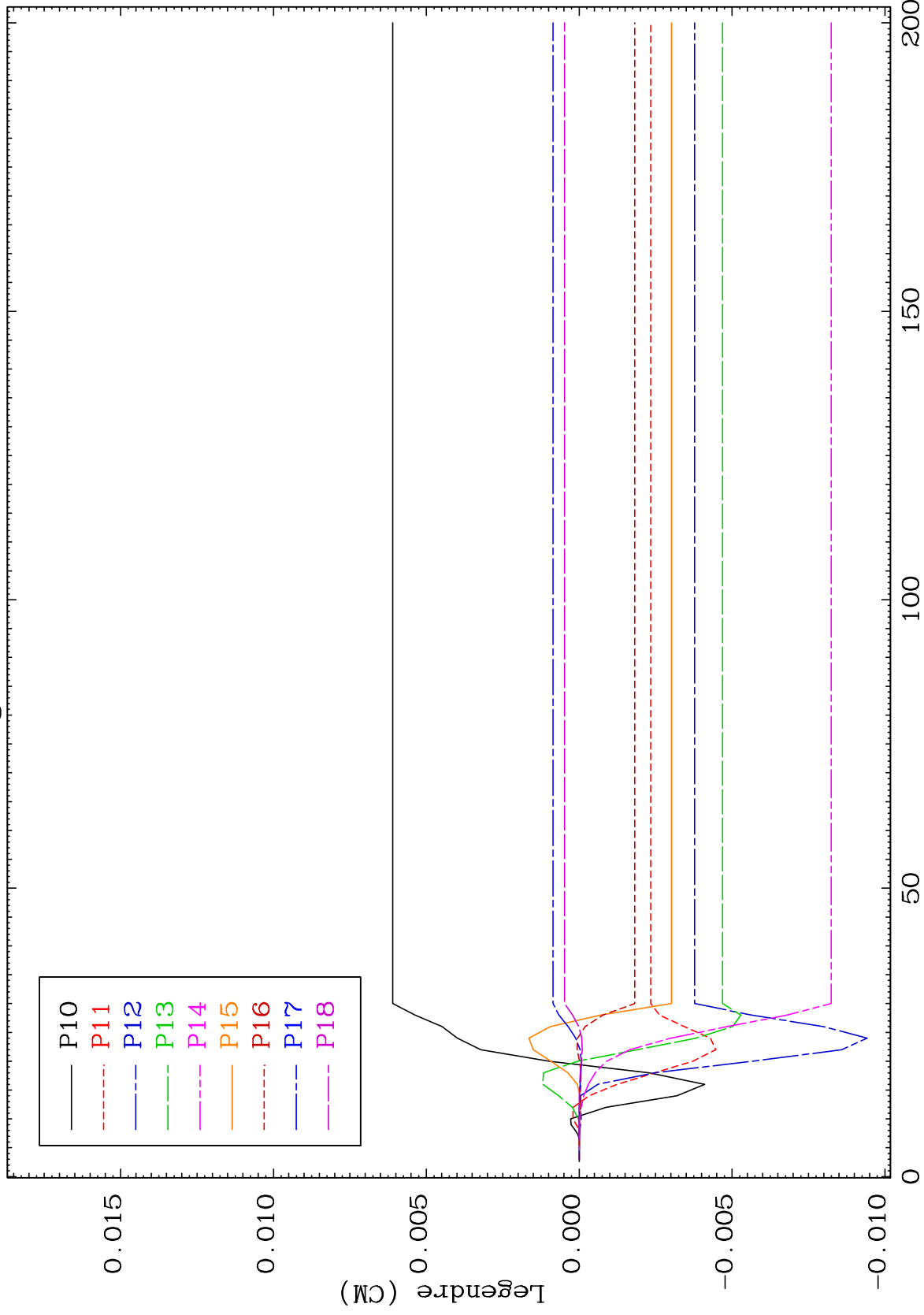
Incident Energy (MeV)

105

MAT 5137

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

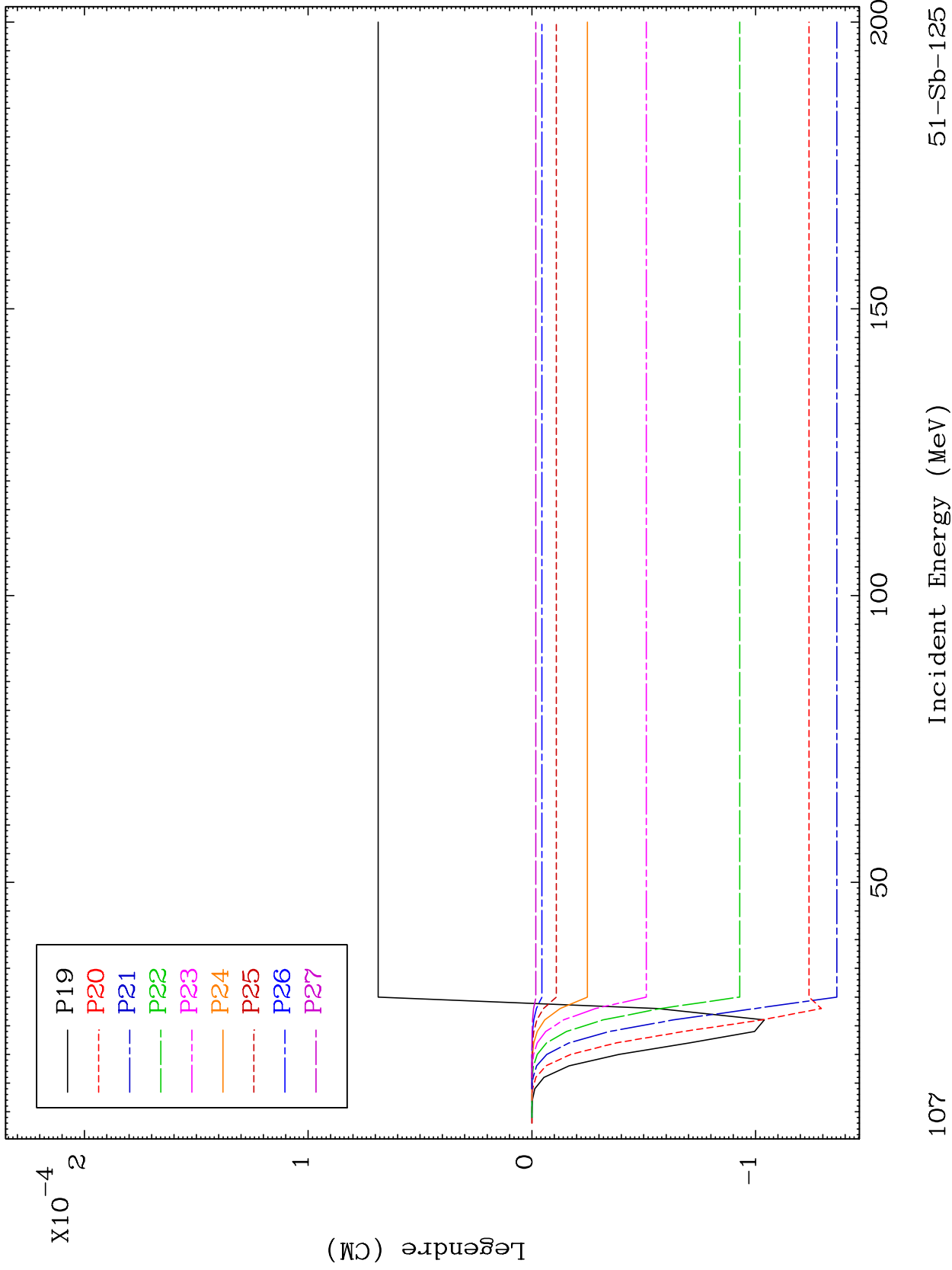
51-Sb-125



106

Incident Energy (MeV)

51-Sb-125

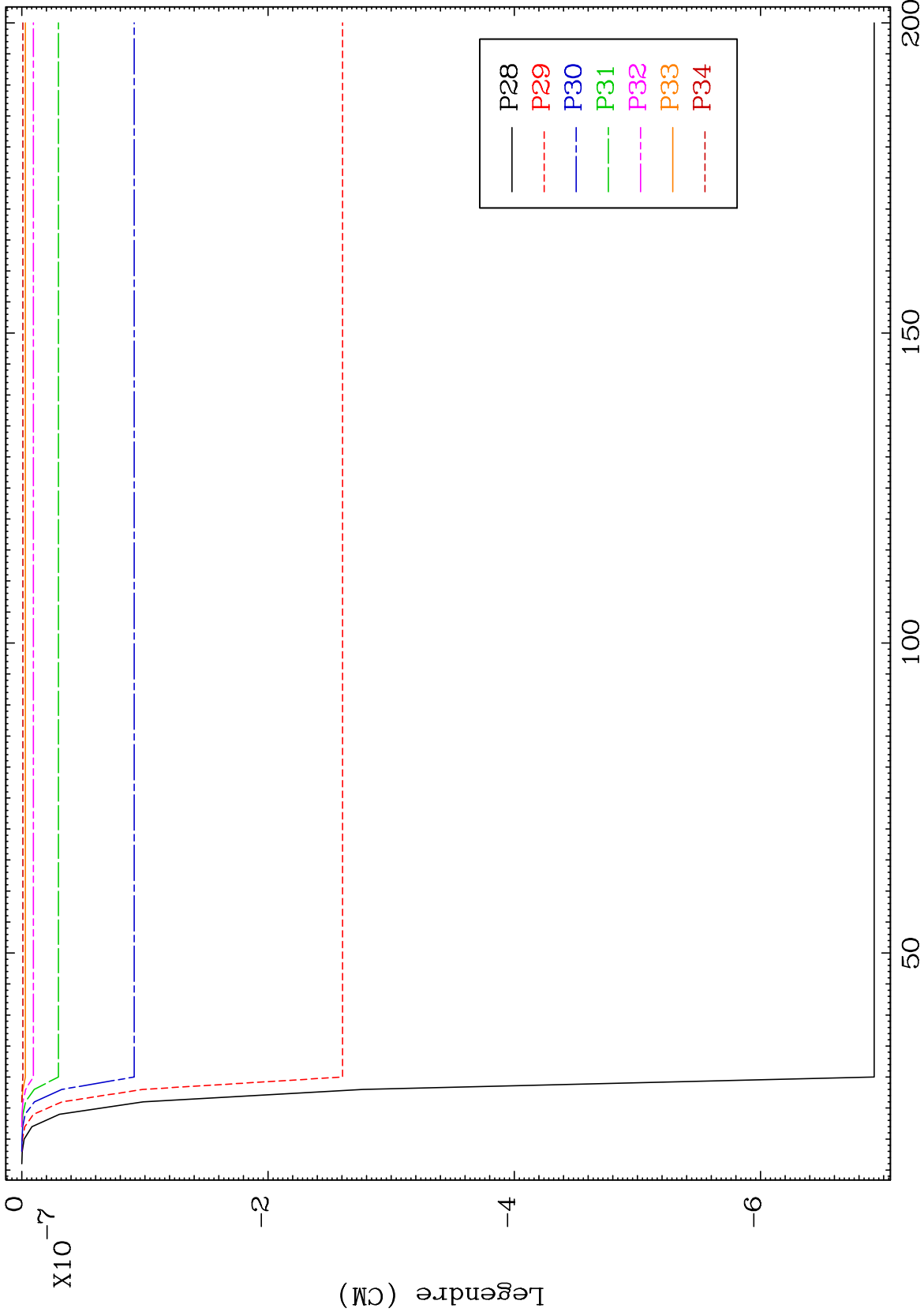


MAT 5137

MT= 72 (n,n') Level

51-Sb-125

Legendre Coefficients



108

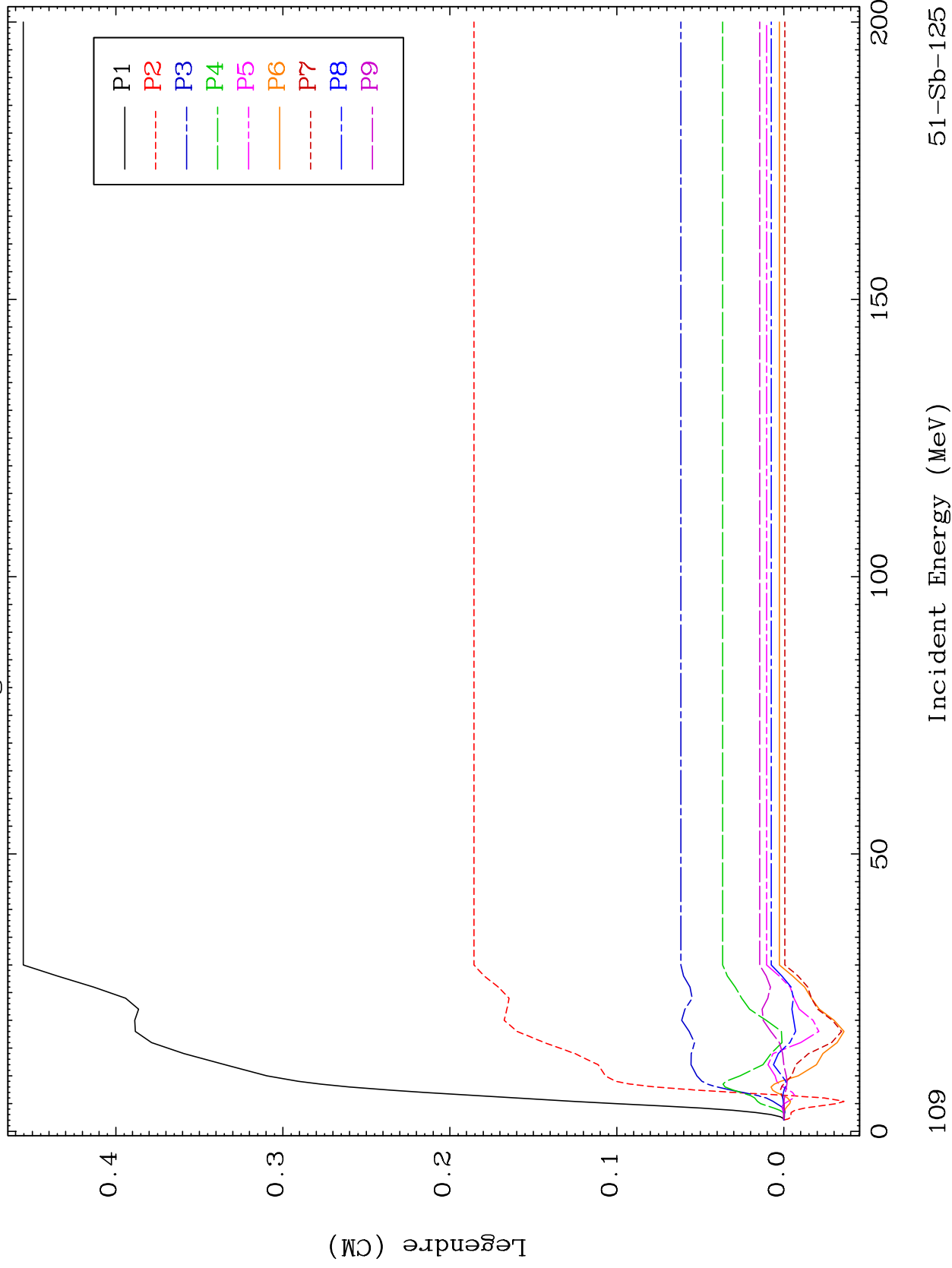
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

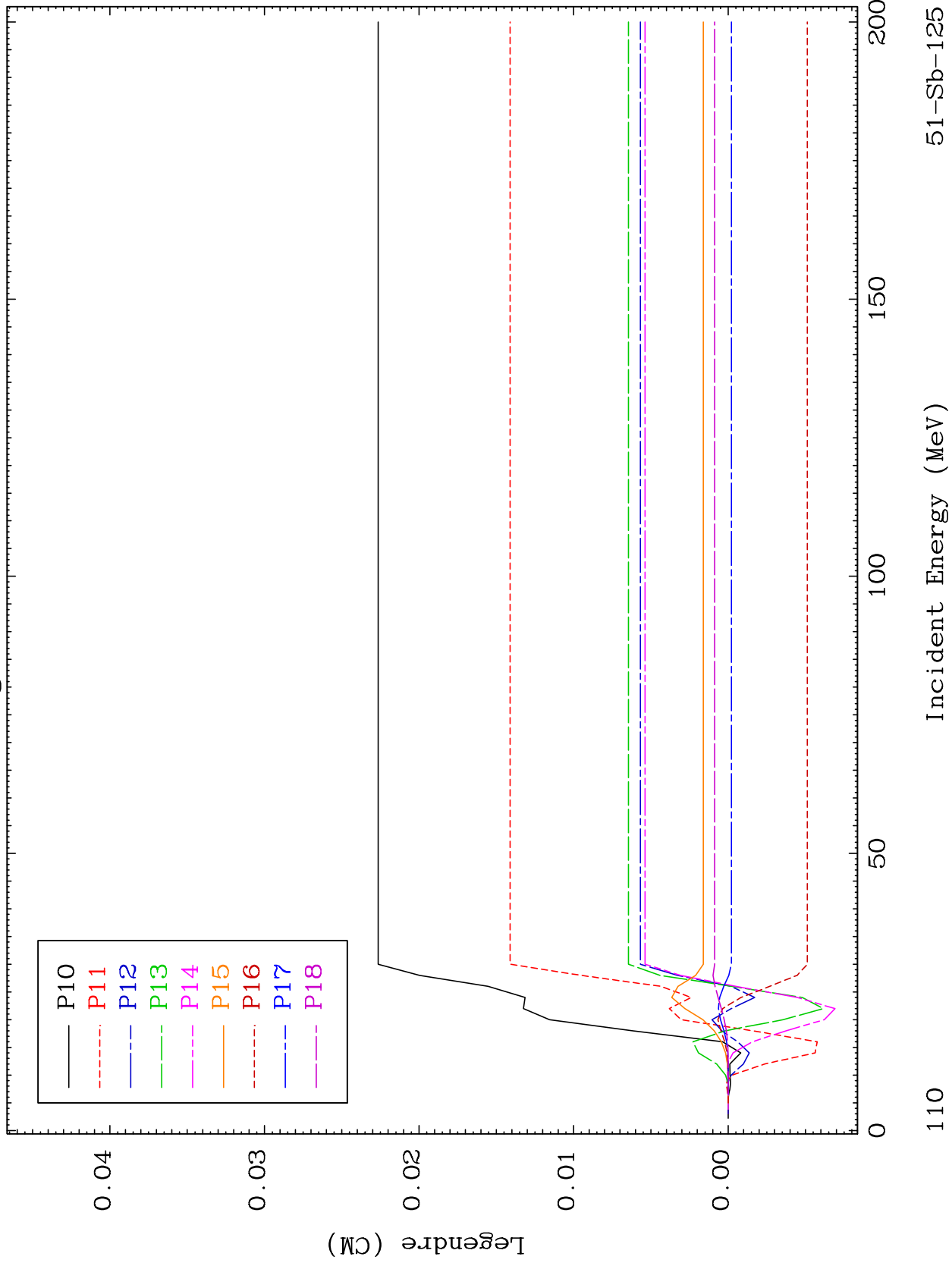
Incident Energy (MeV)

109

MAT 5137

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

51-Sb-125



110

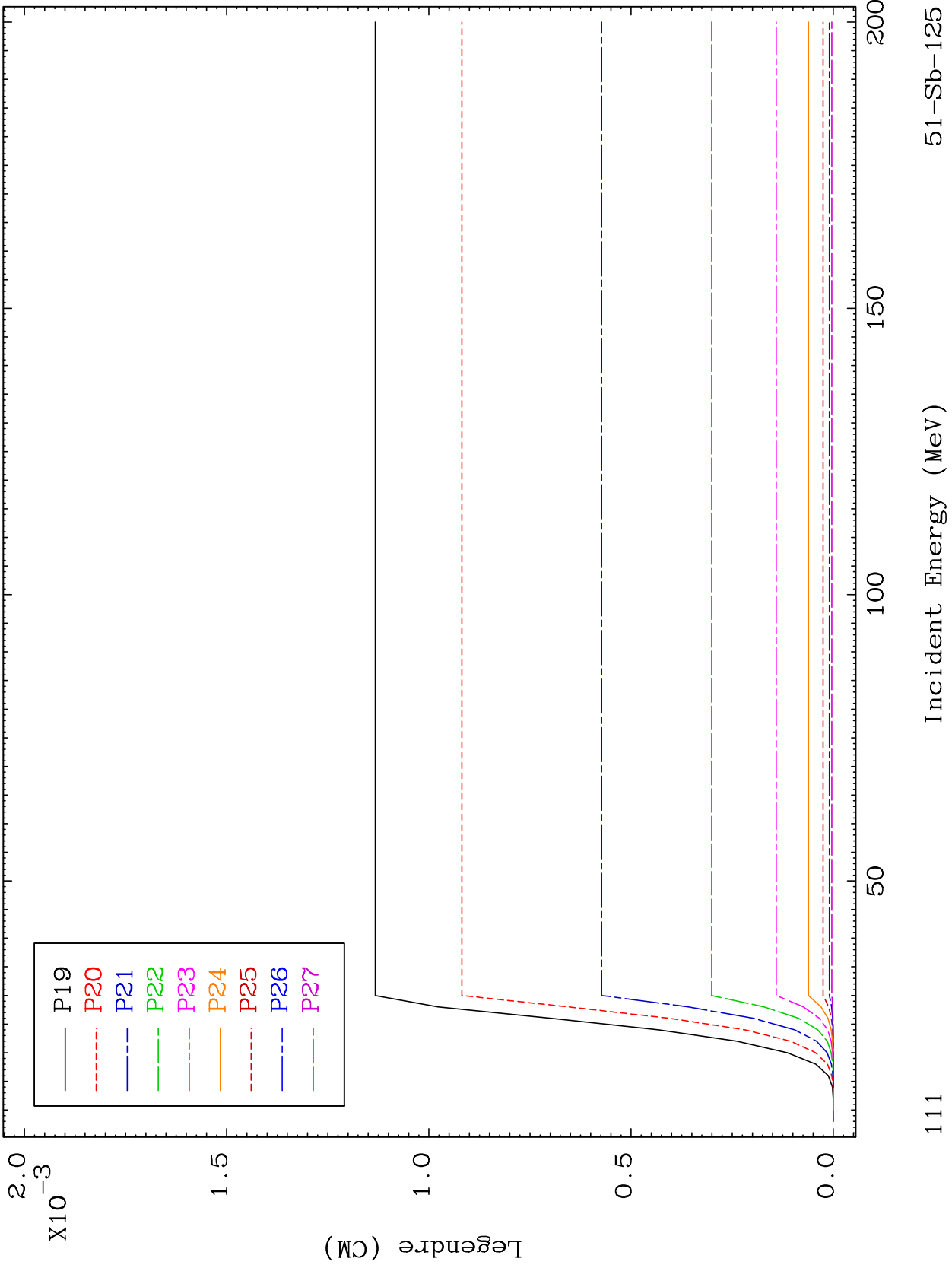
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

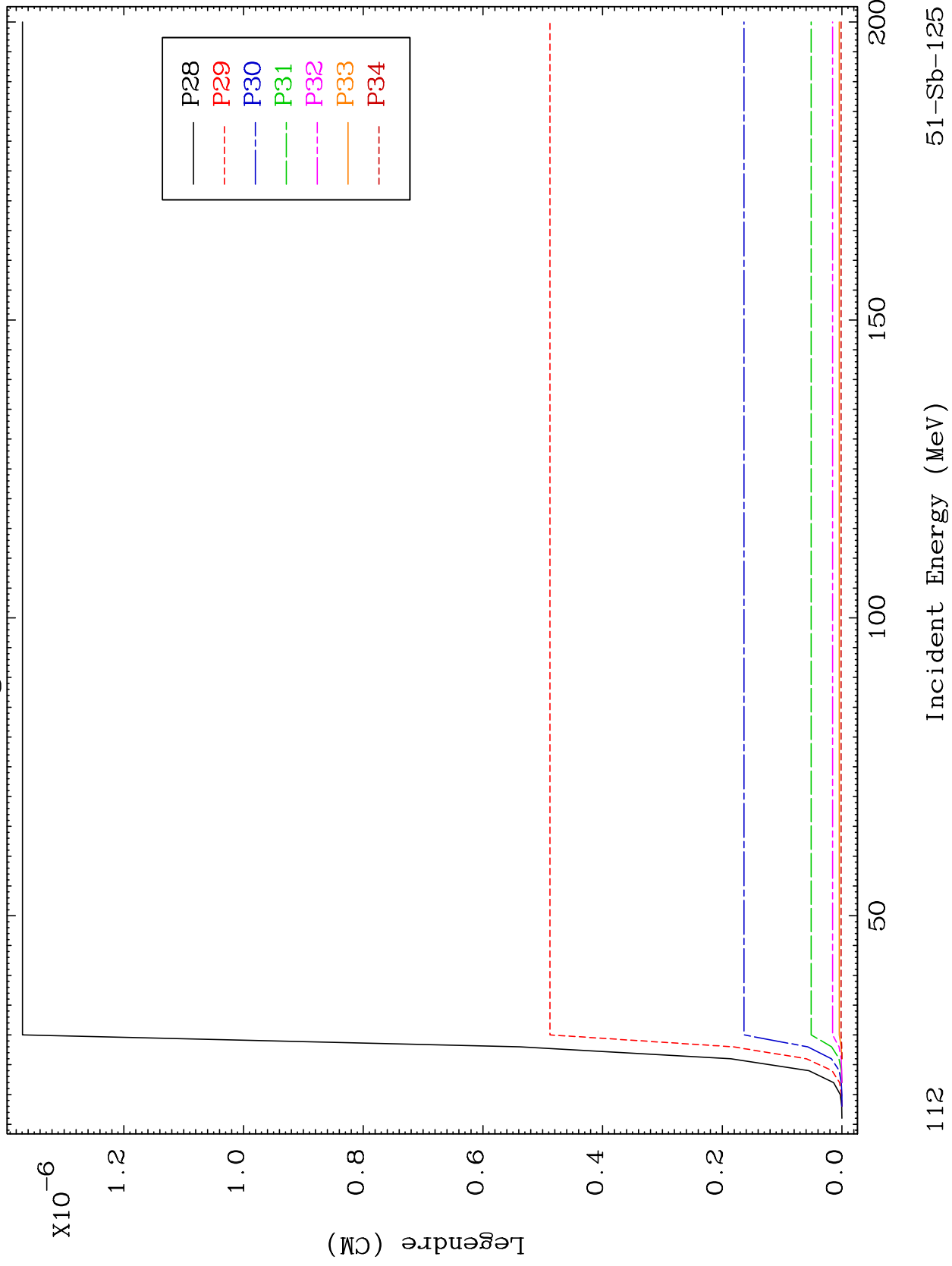
51-Sb-125



MAT 5137

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

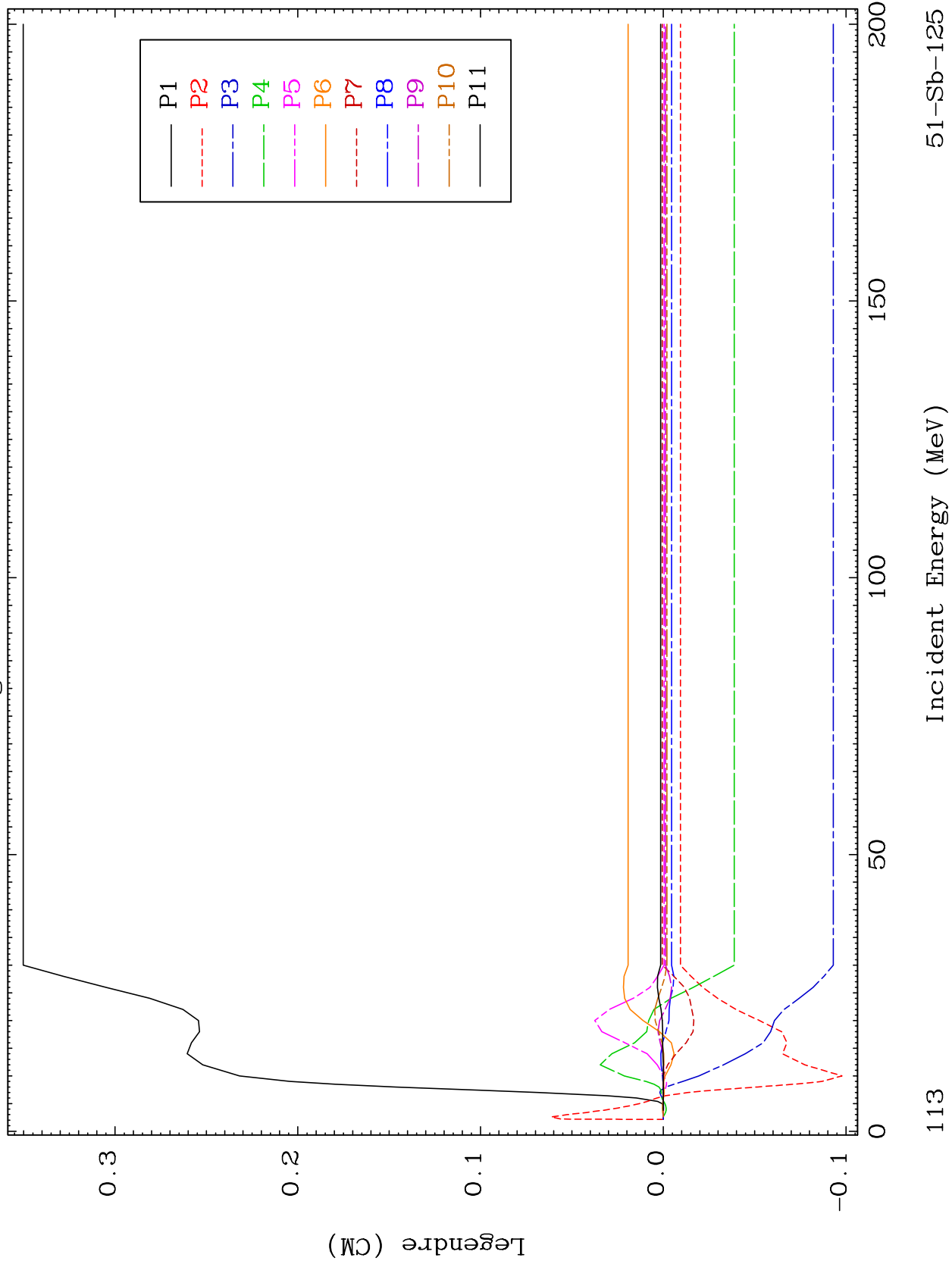
51-Sb-125



MAT 5137

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

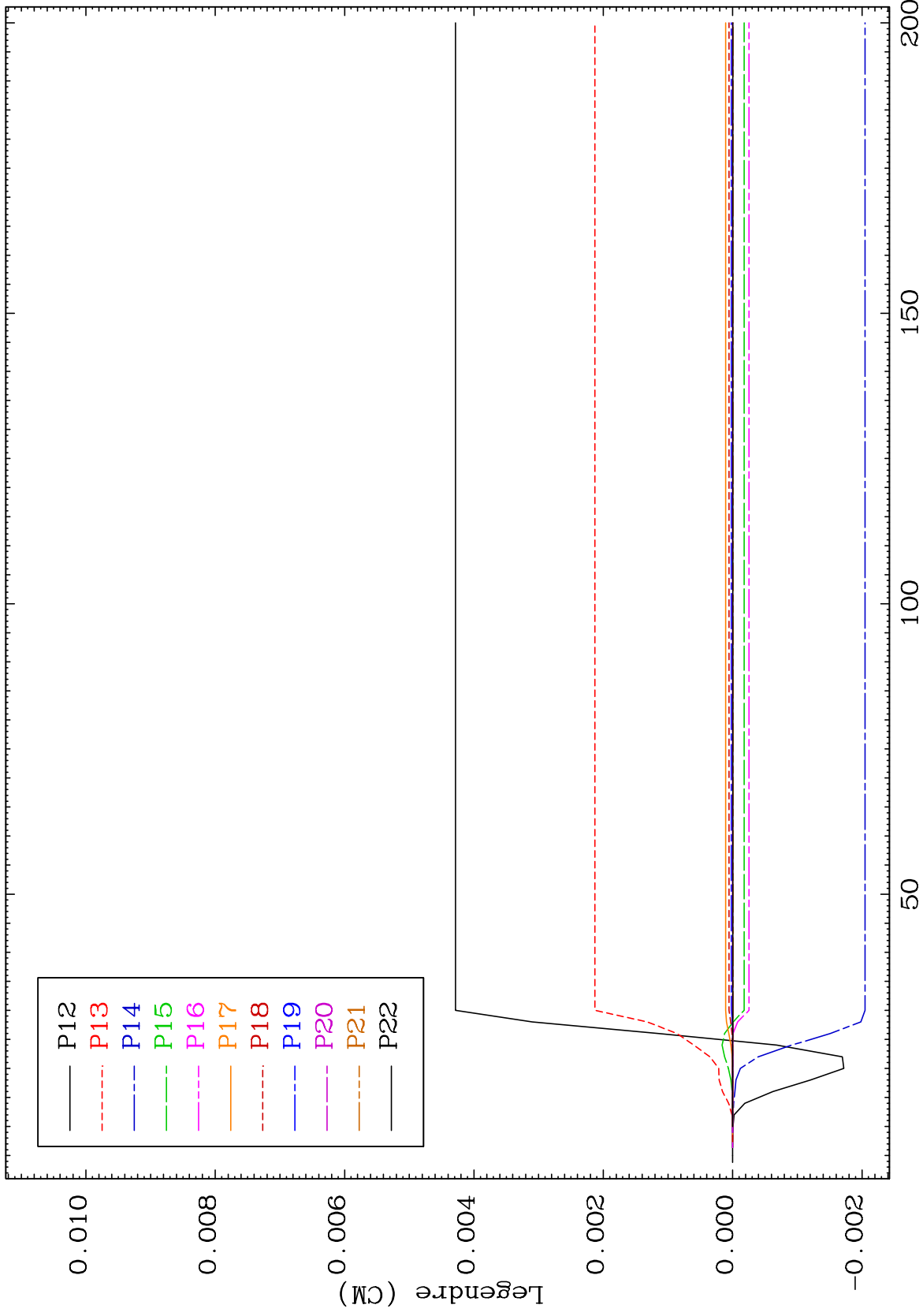
51-Sb-125



113

Incident Energy (MeV)

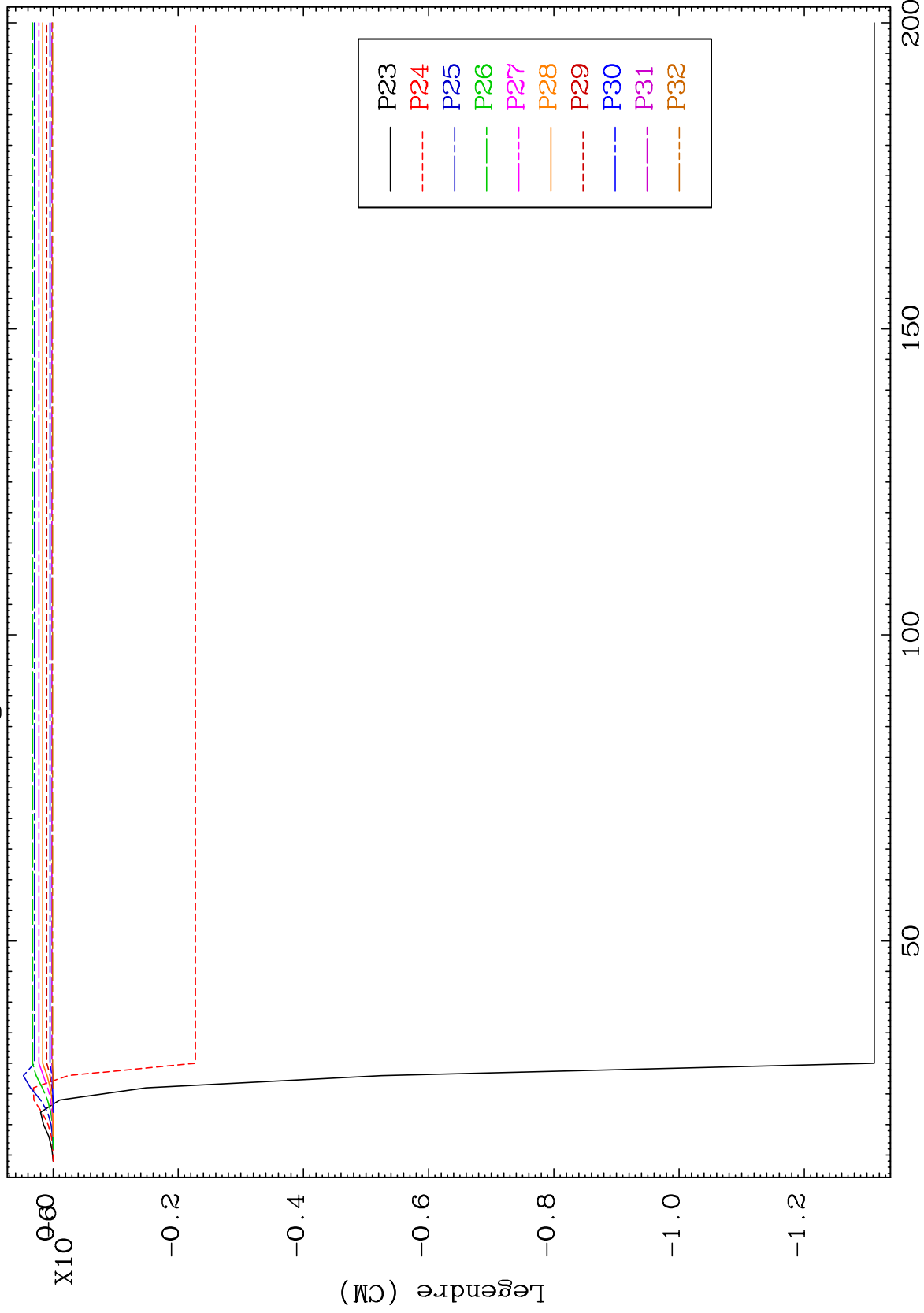
51-Sb-125



MAT 5137

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

51-Sb-125



115

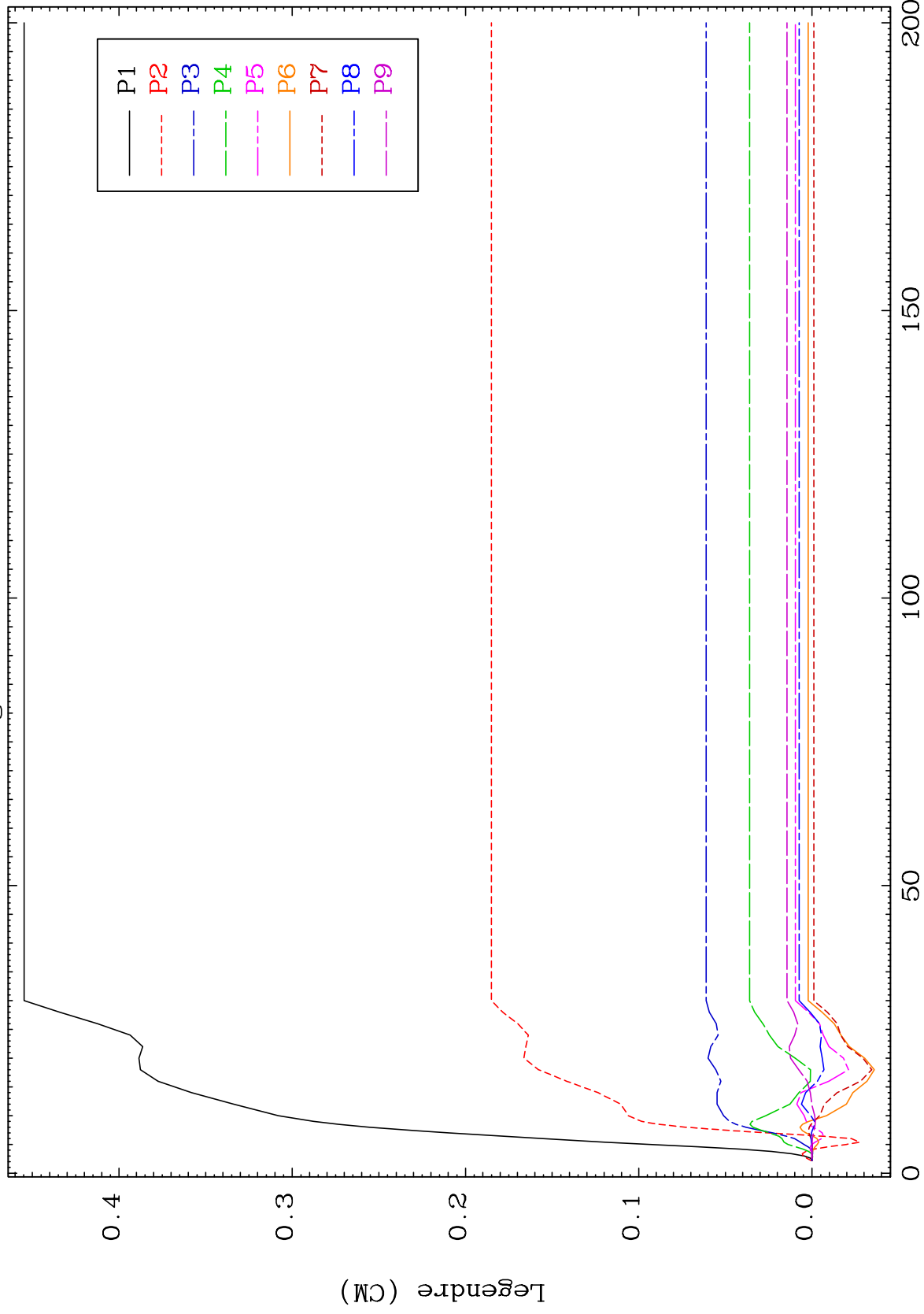
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



116

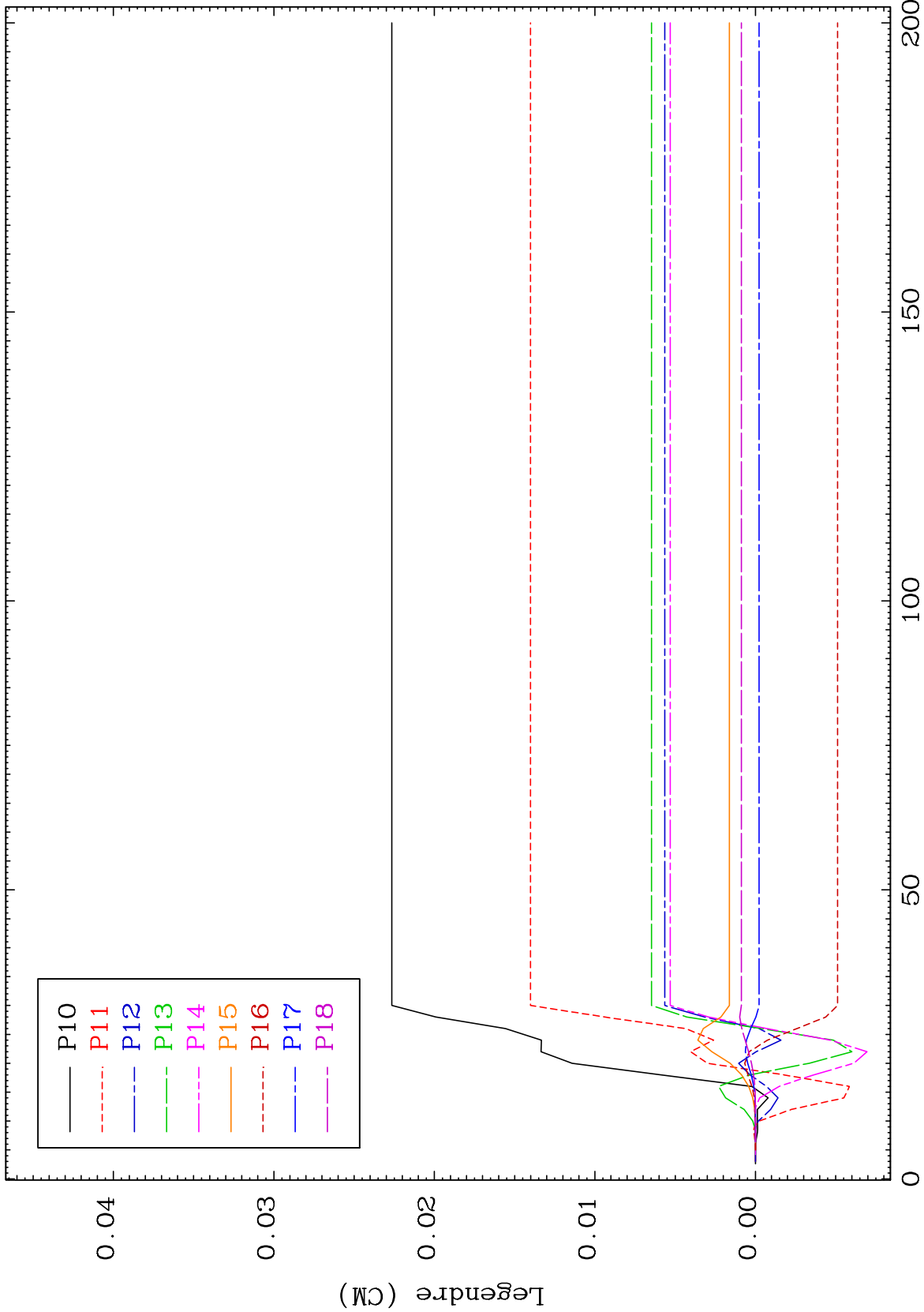
Incident Energy (MeV)

51-Sb-125

MAT 5137

51-Sb-125

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



117

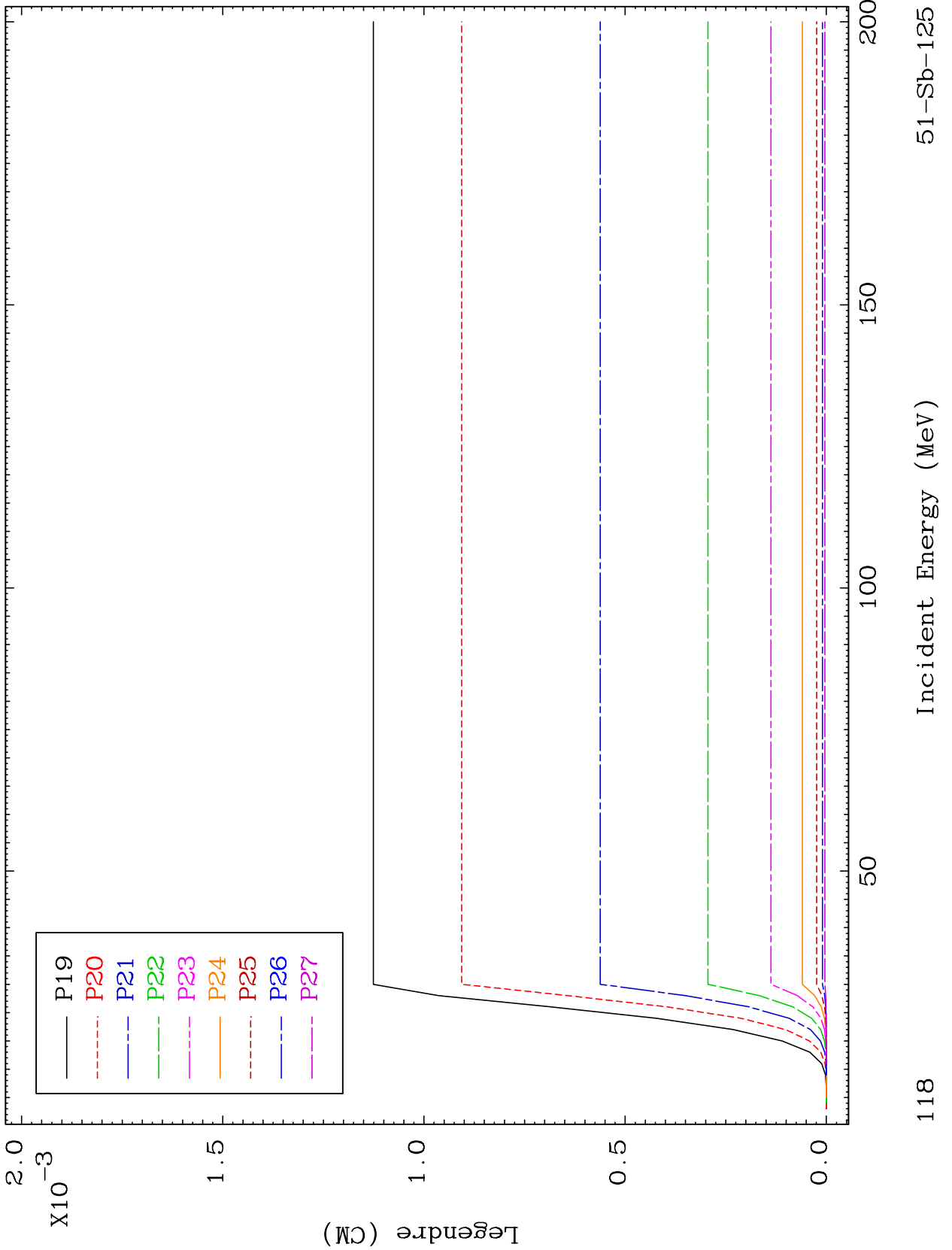
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

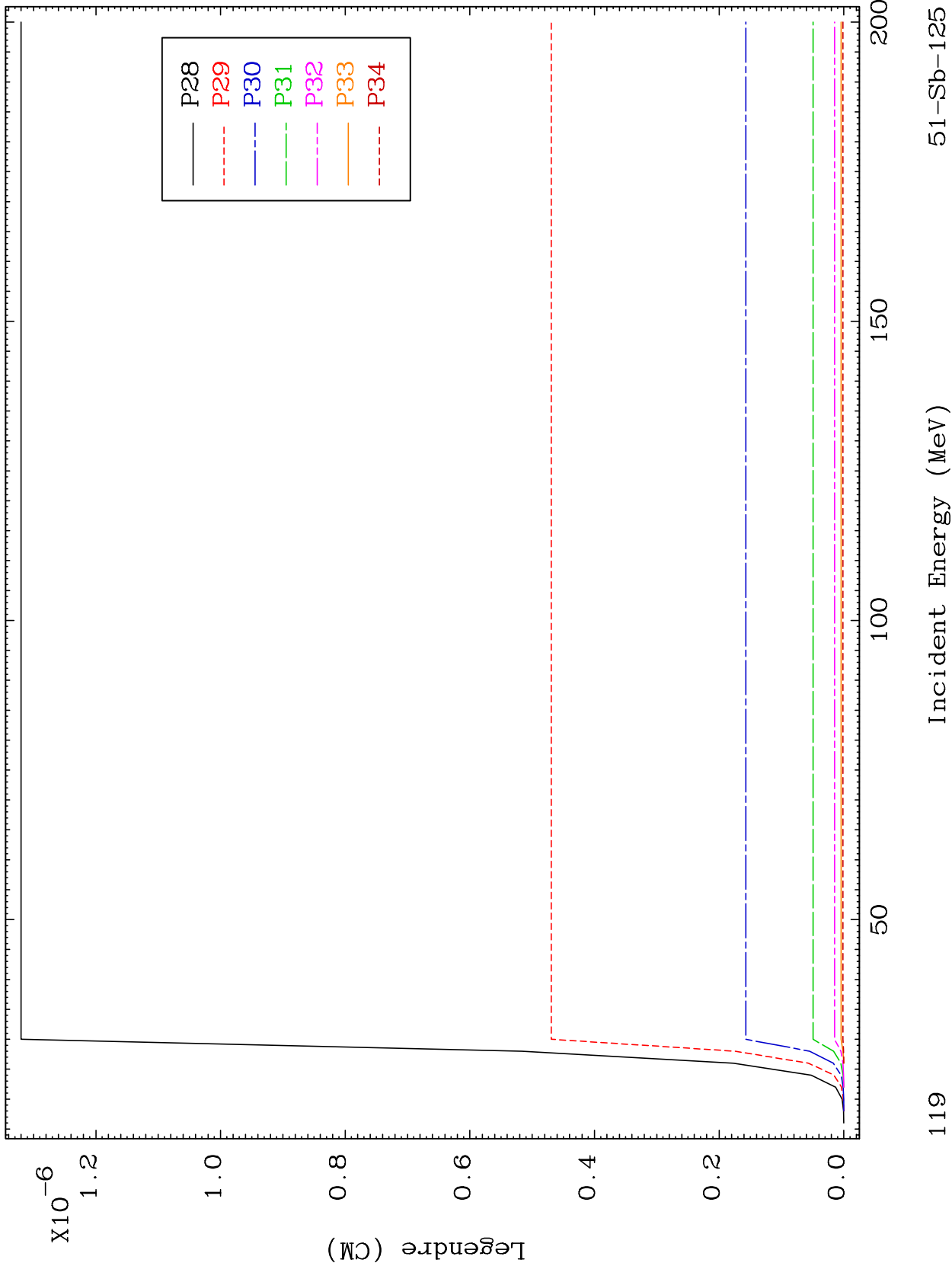
51-Sb-125



MAT 5137

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

51-Sb-125



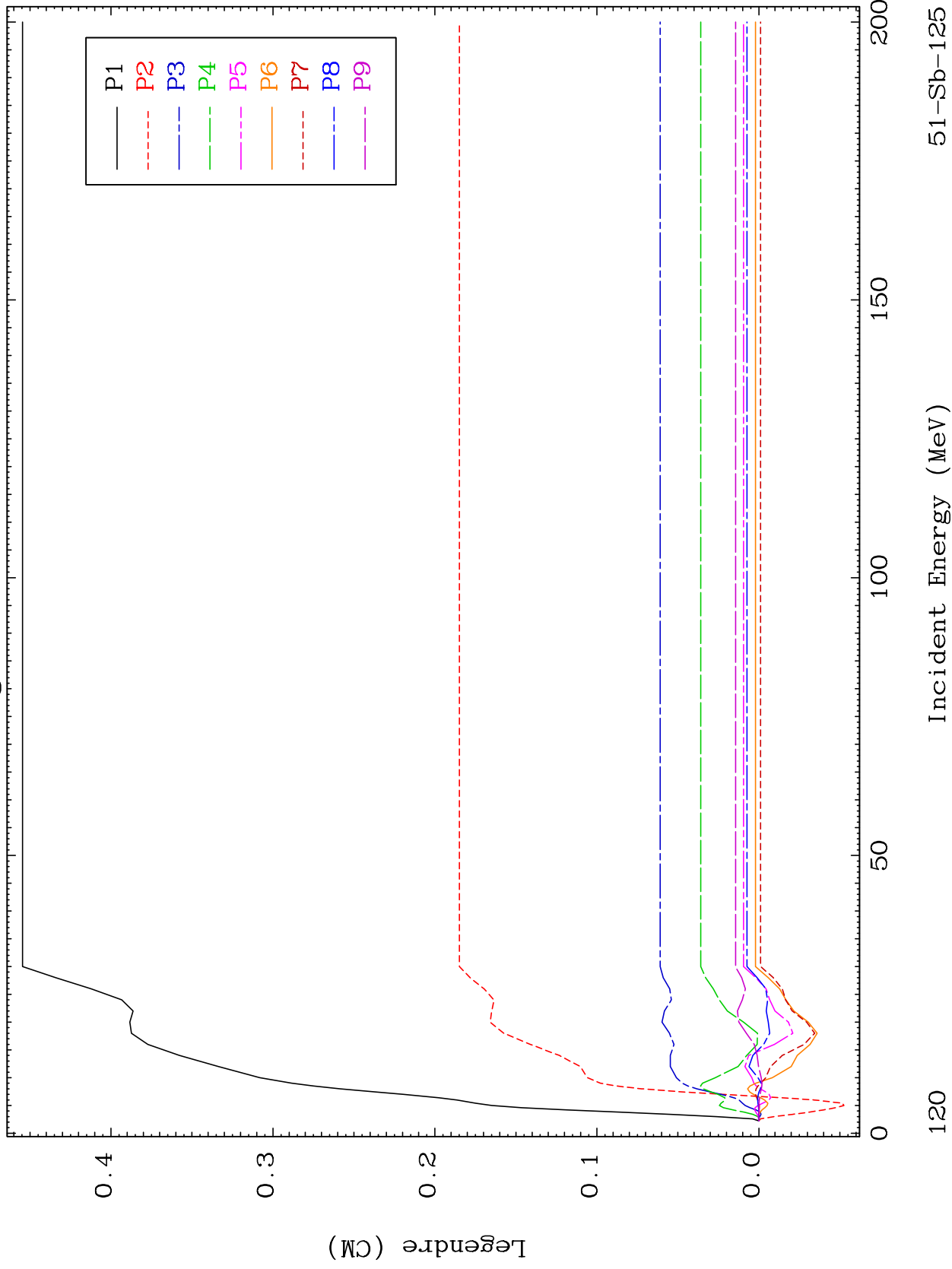
119

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

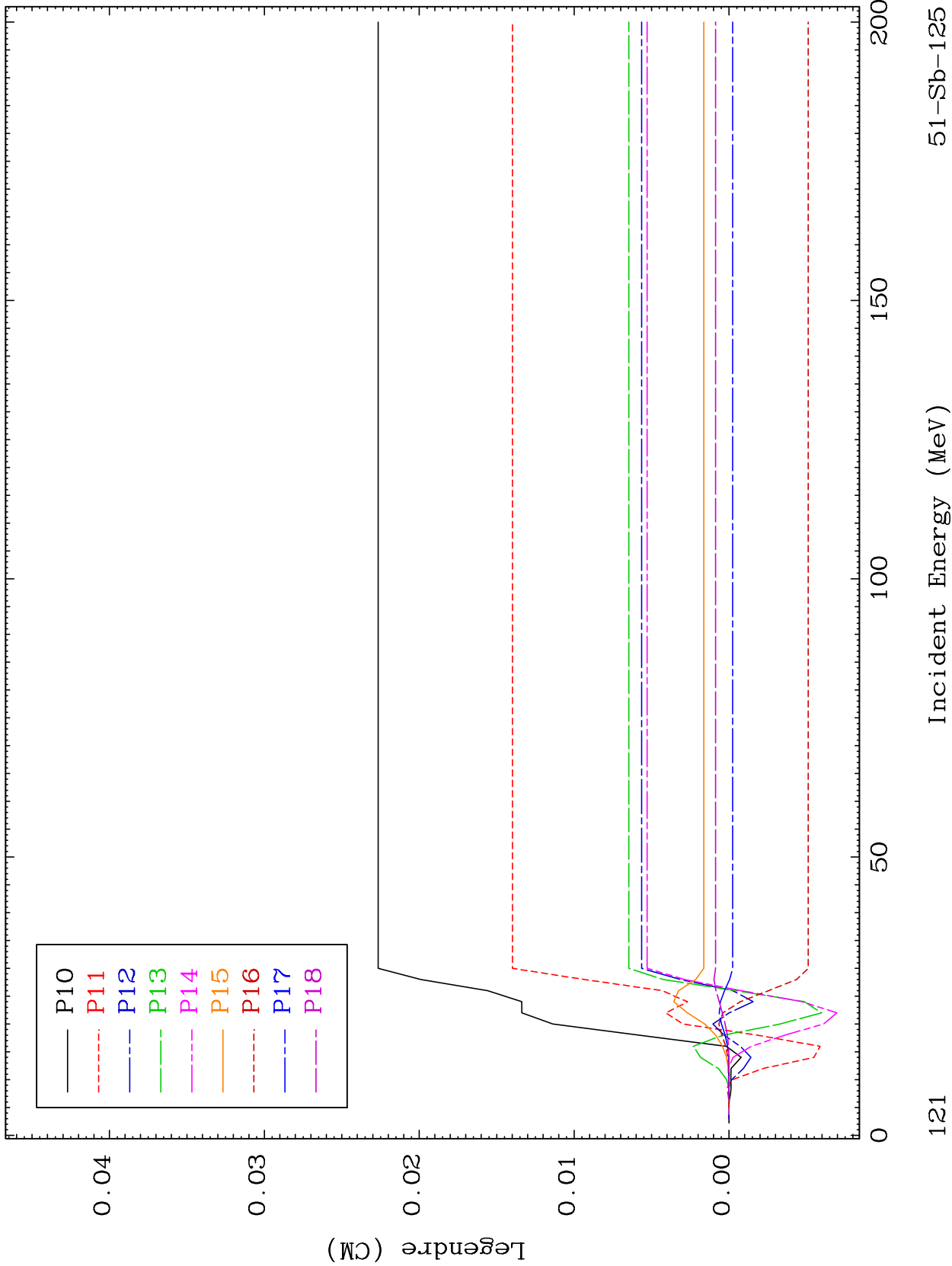
Incident Energy (MeV)

0

MAT 5137

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

51-Sb-125



121

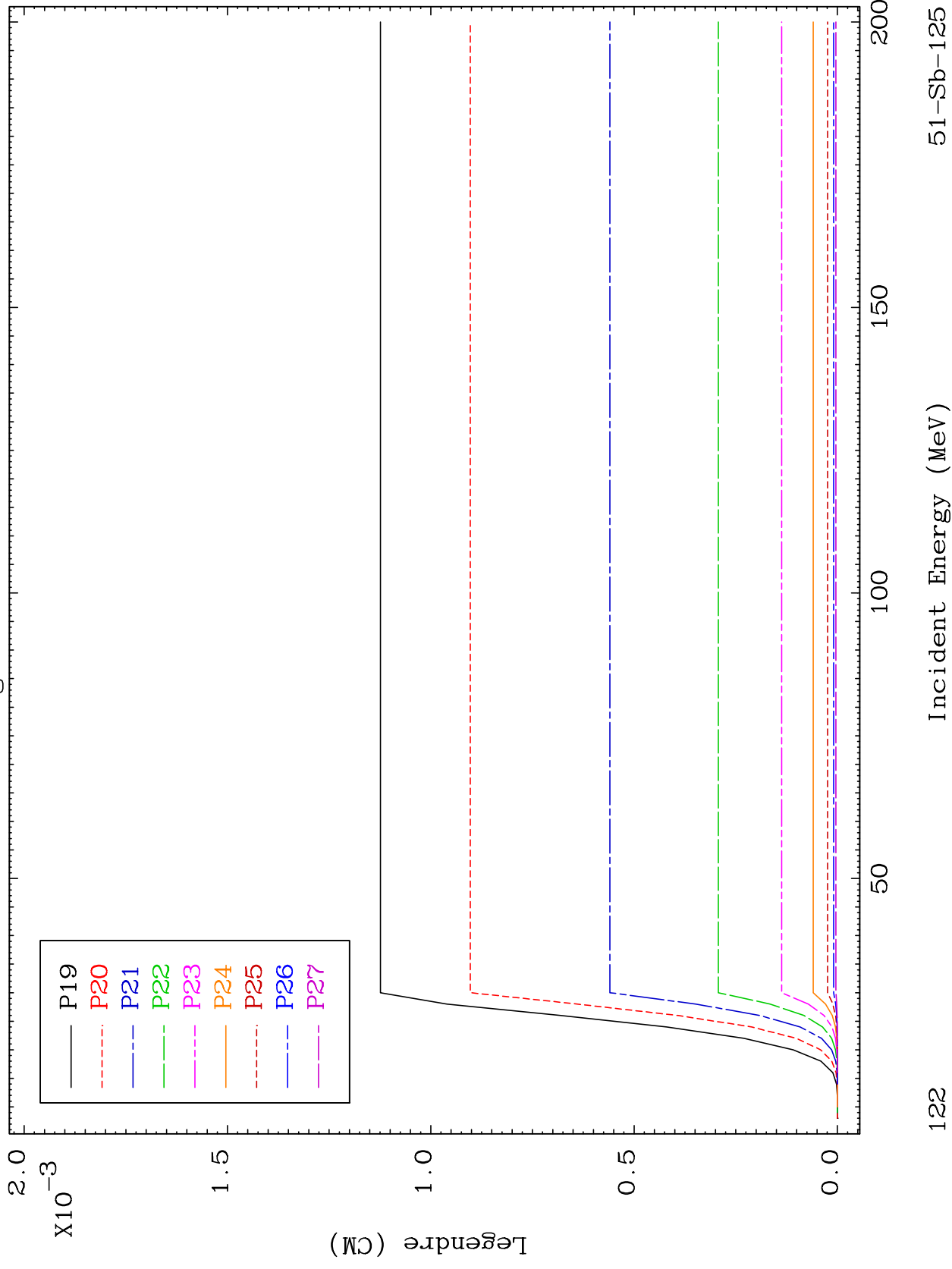
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



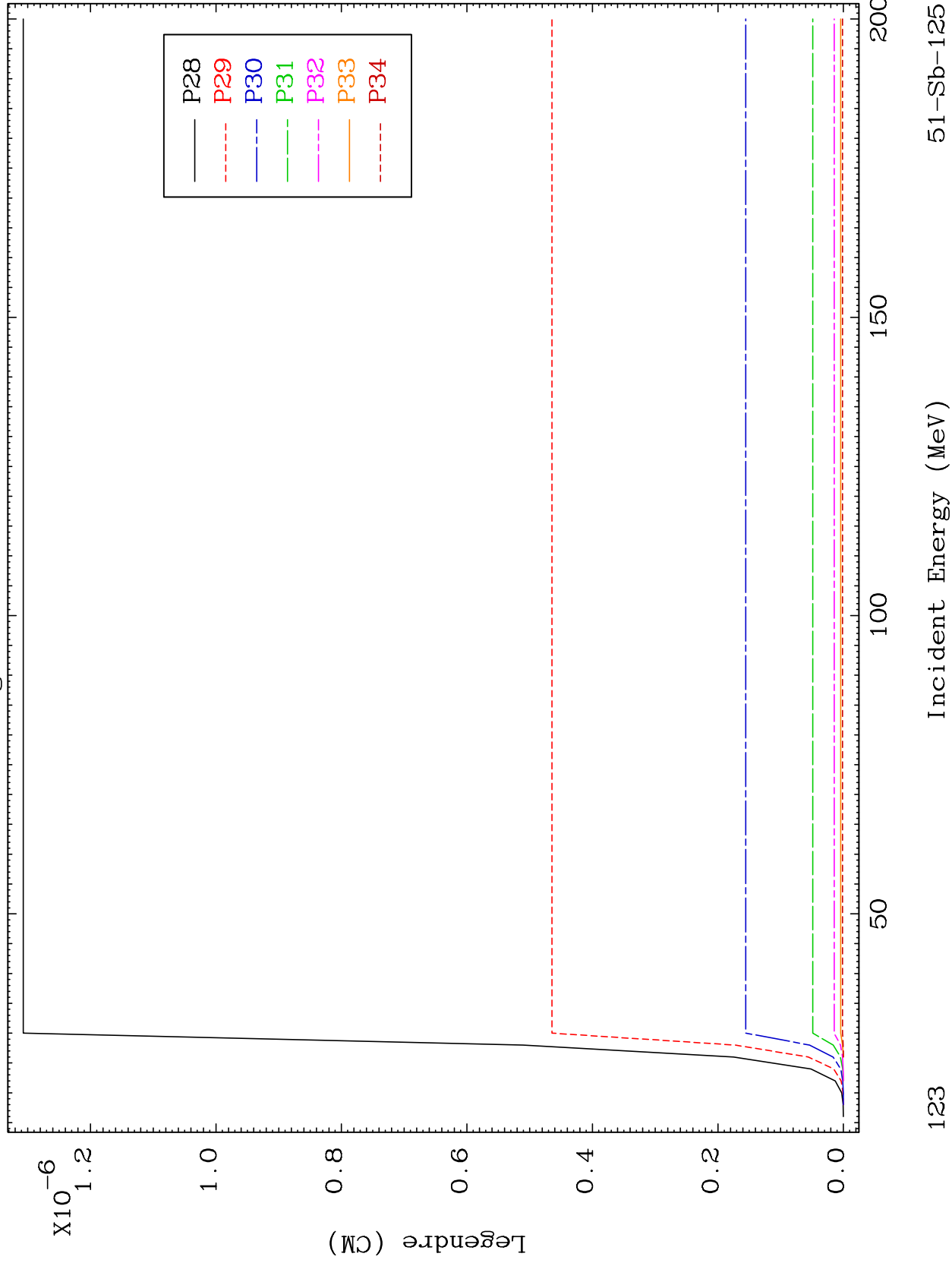
122

51-Sb-125

MAT 5137

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

51-Sb-125



123

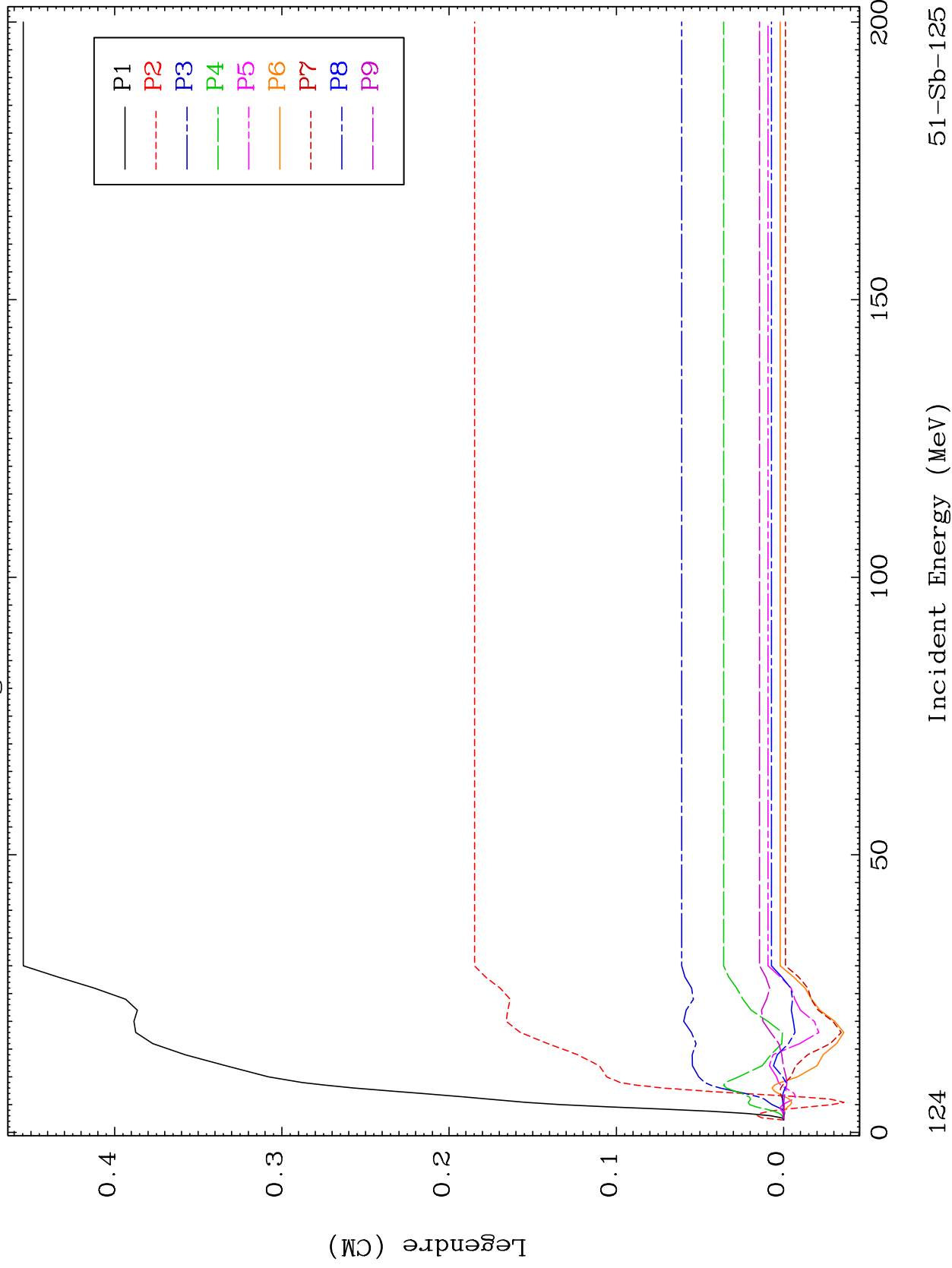
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

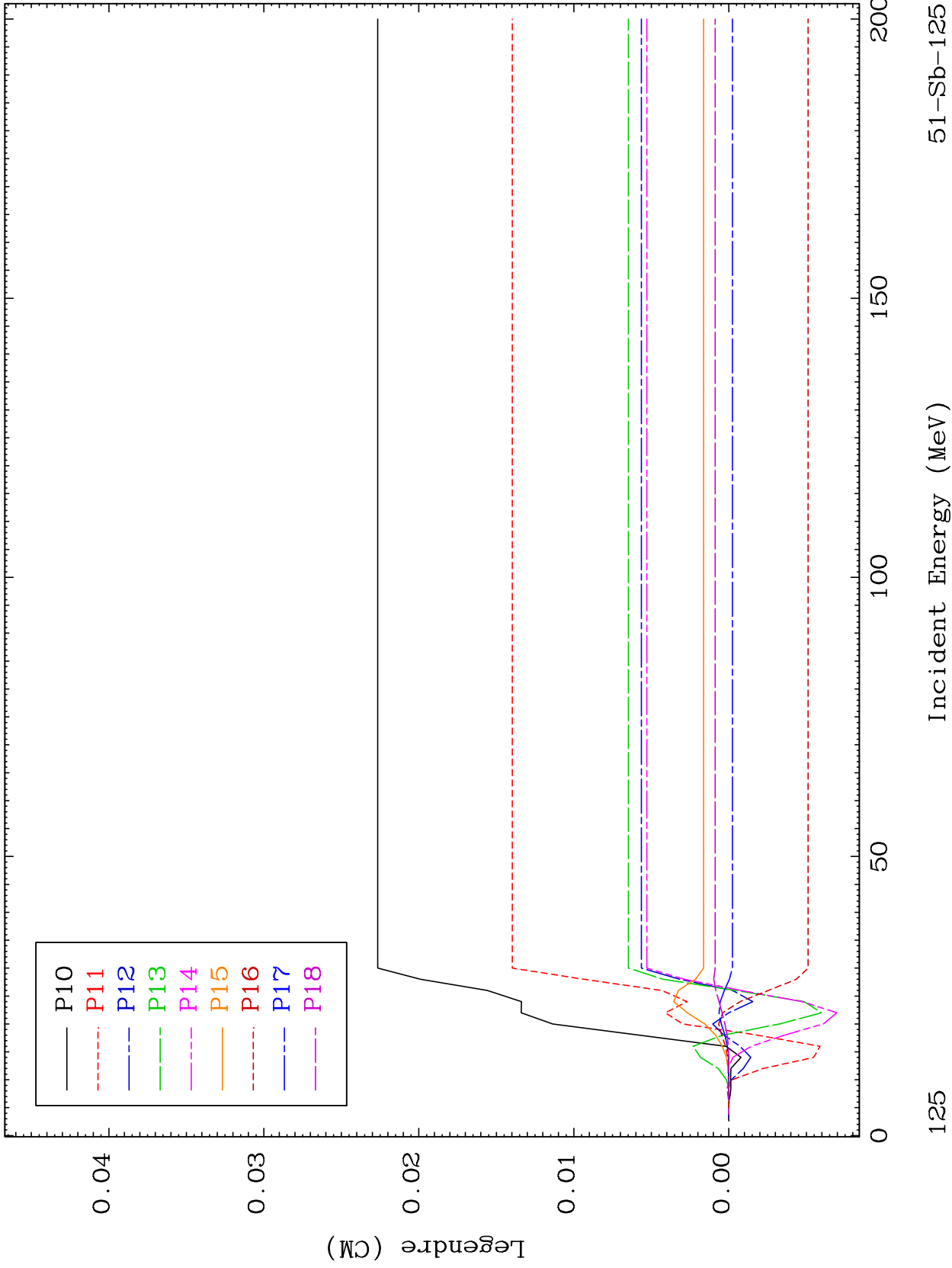
Incident Energy (MeV)

124

MAT 5137

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

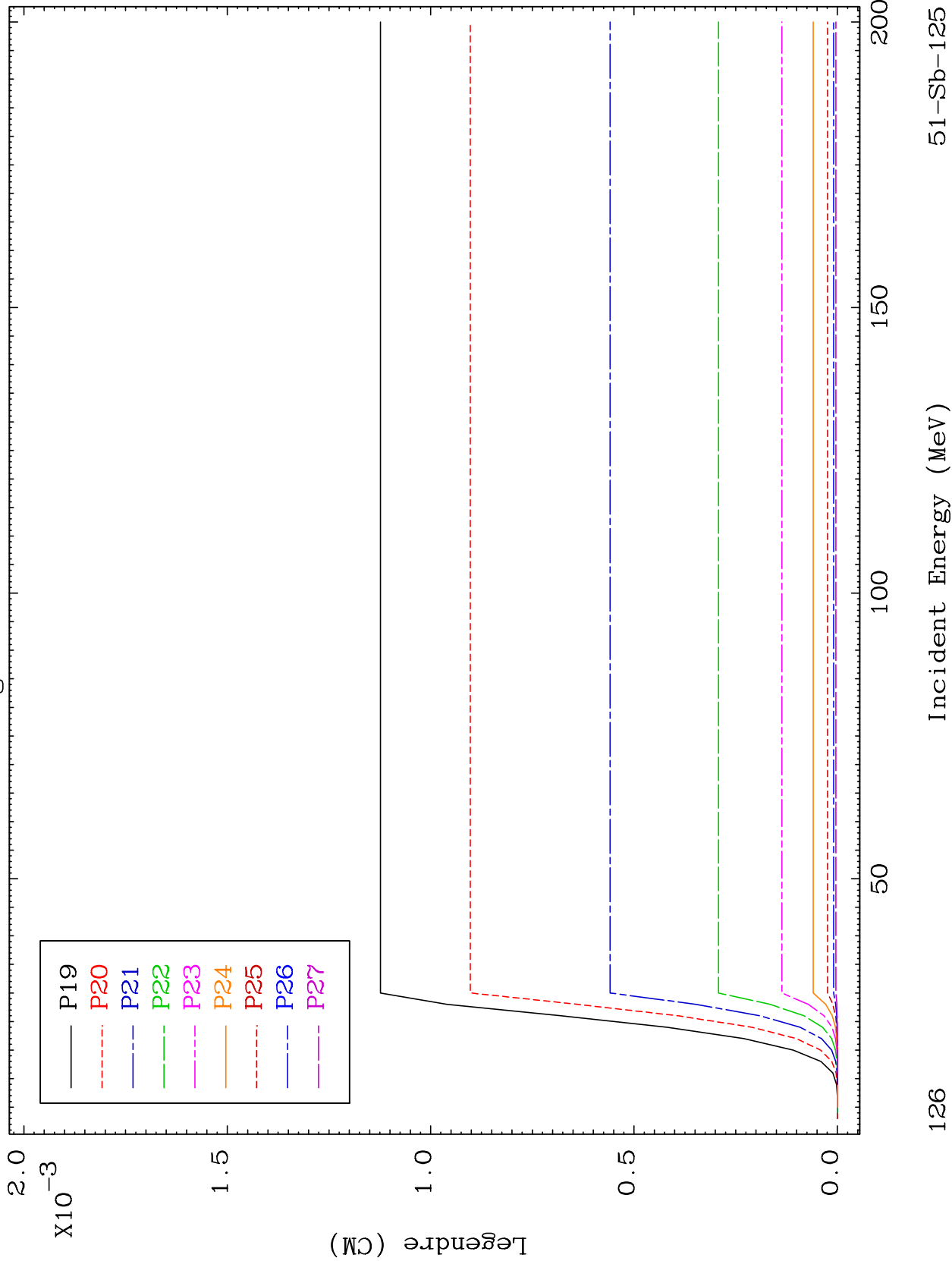
51-Sb-125



MAT 5137

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

51-Sb-125



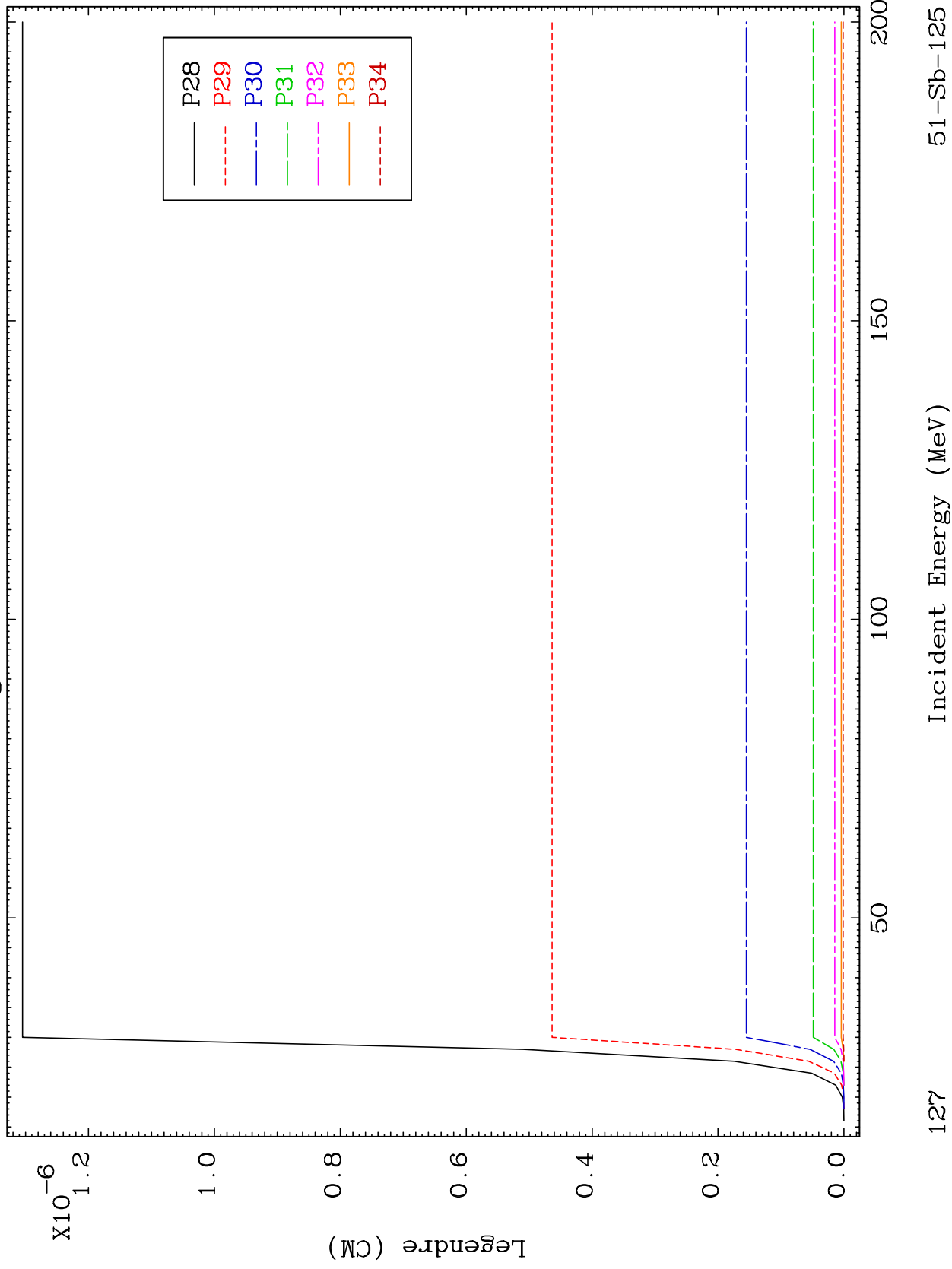
126

51-Sb-125

MAT 5137

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

51-Sb-125



127

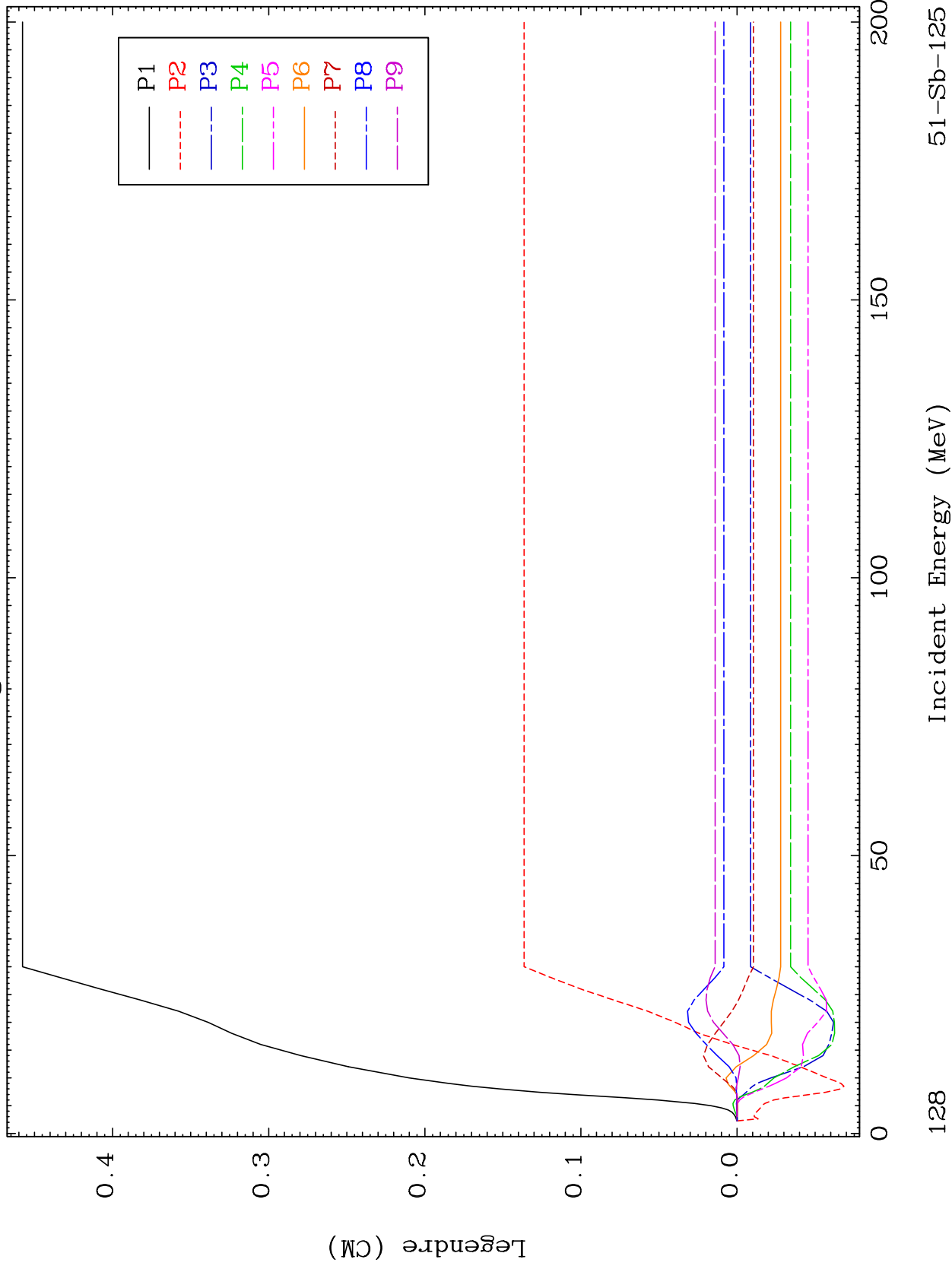
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

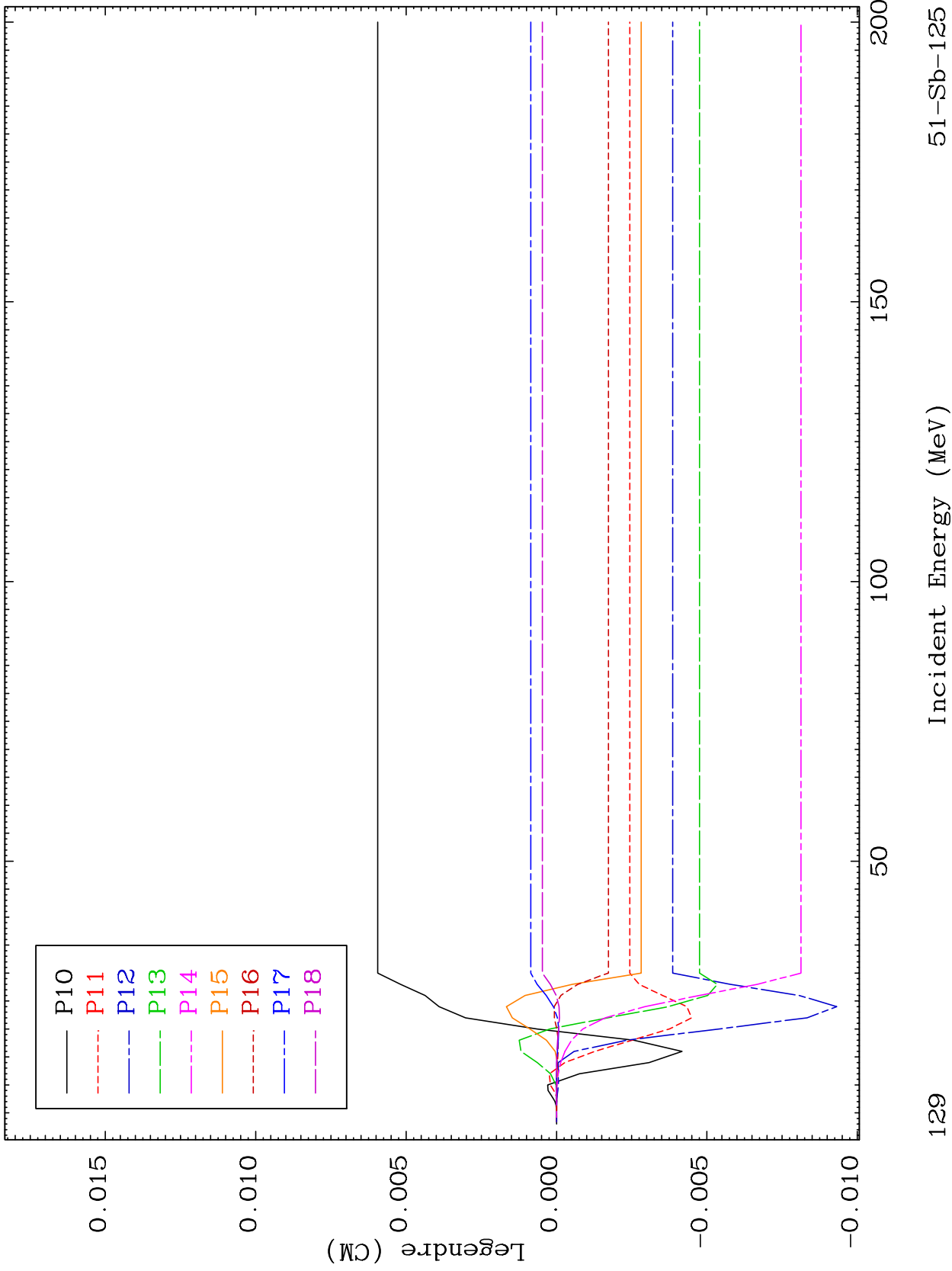
Incident Energy (MeV)

128

MAT 5137

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

51-Sb-125



129

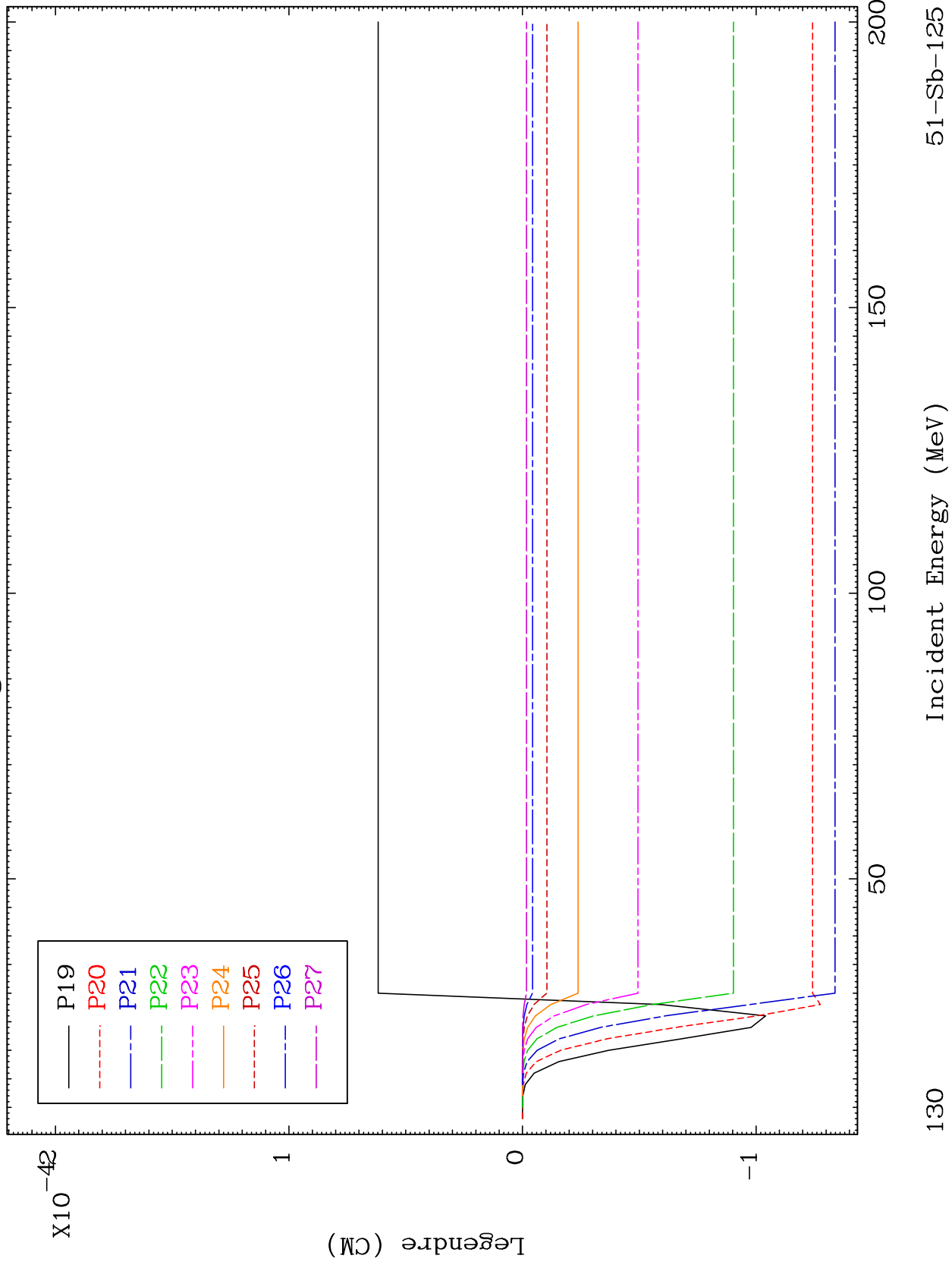
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



130

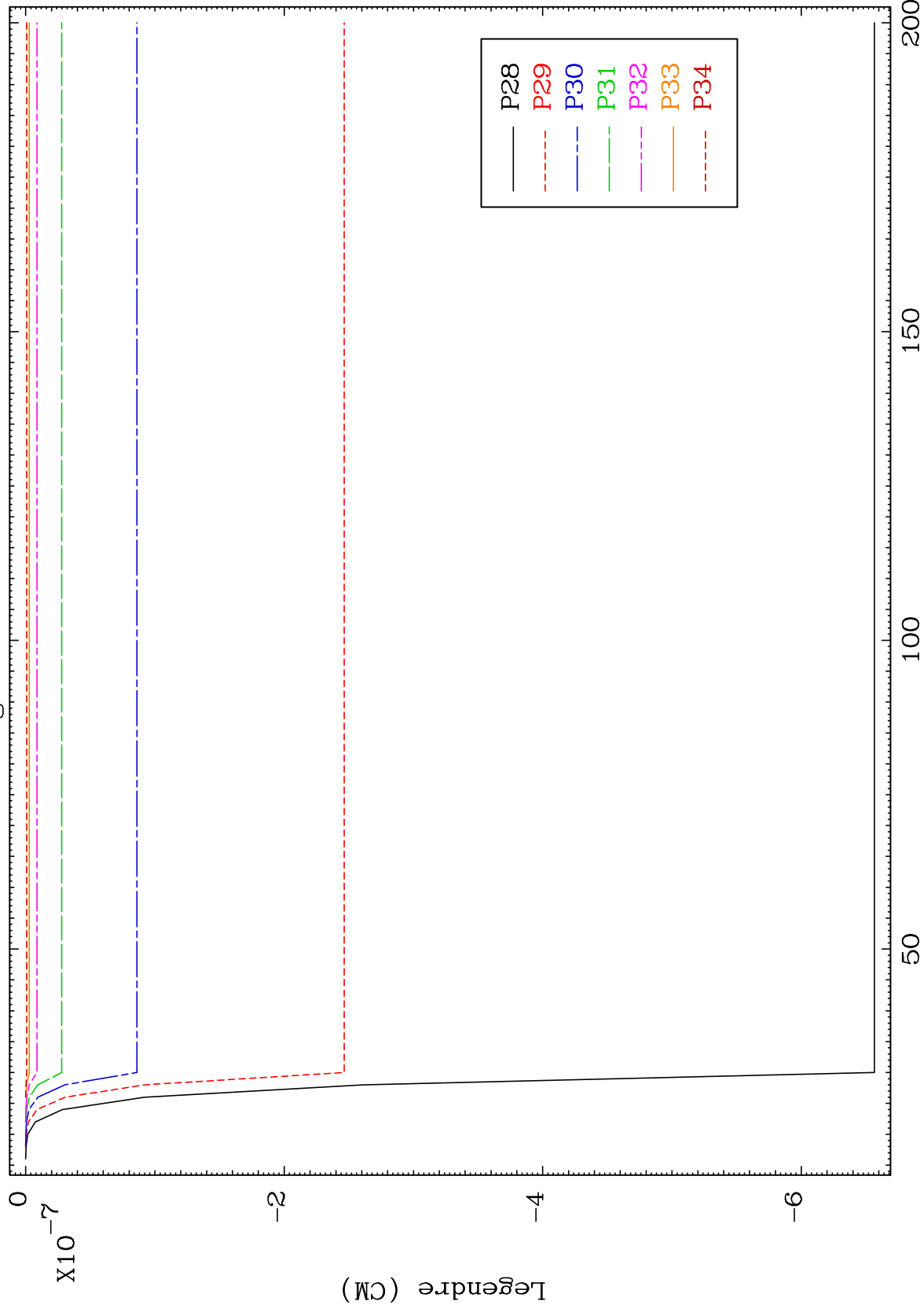
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



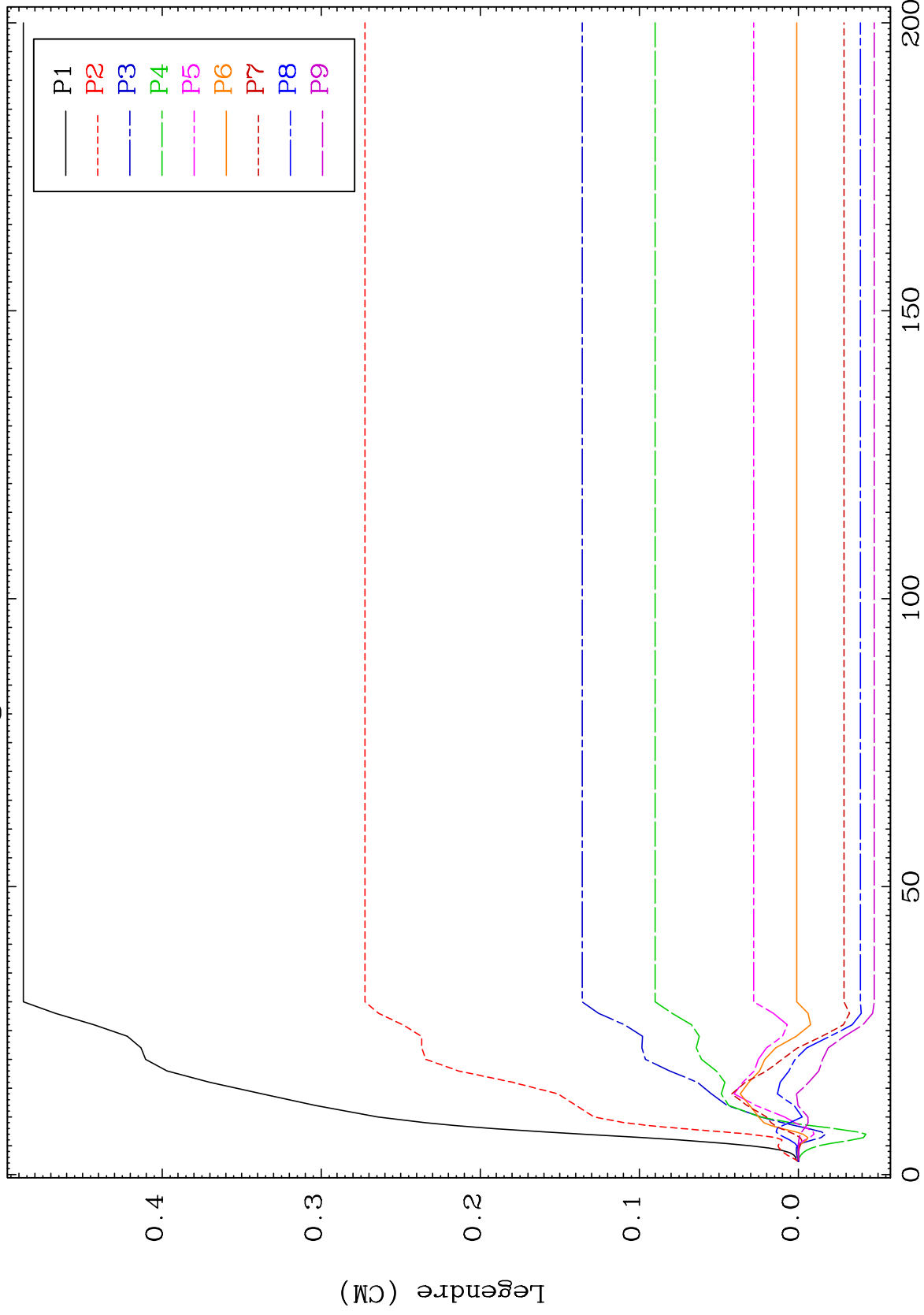
131

51-Sb-125

MAT 5137

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

51-Sb-125



132

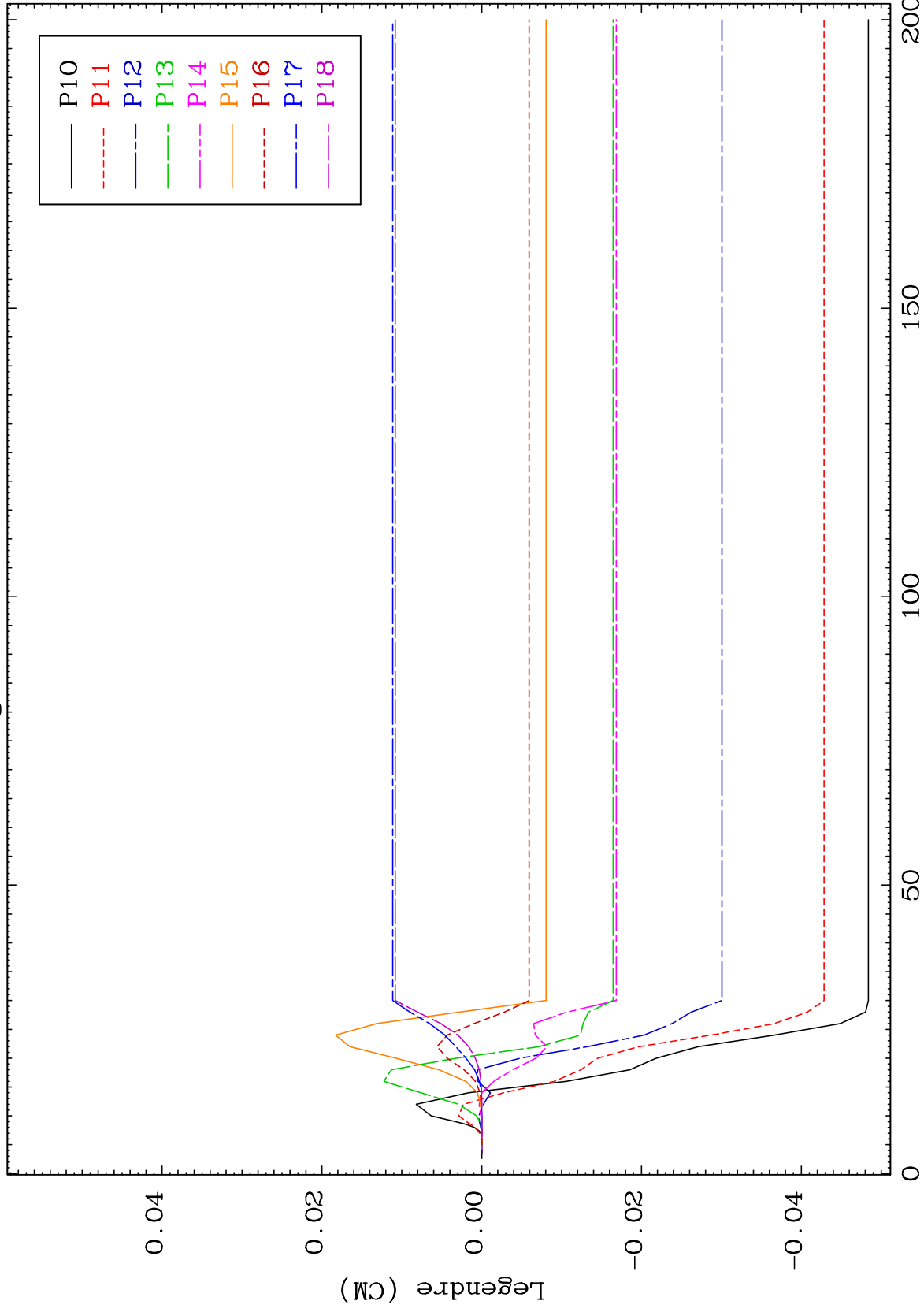
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



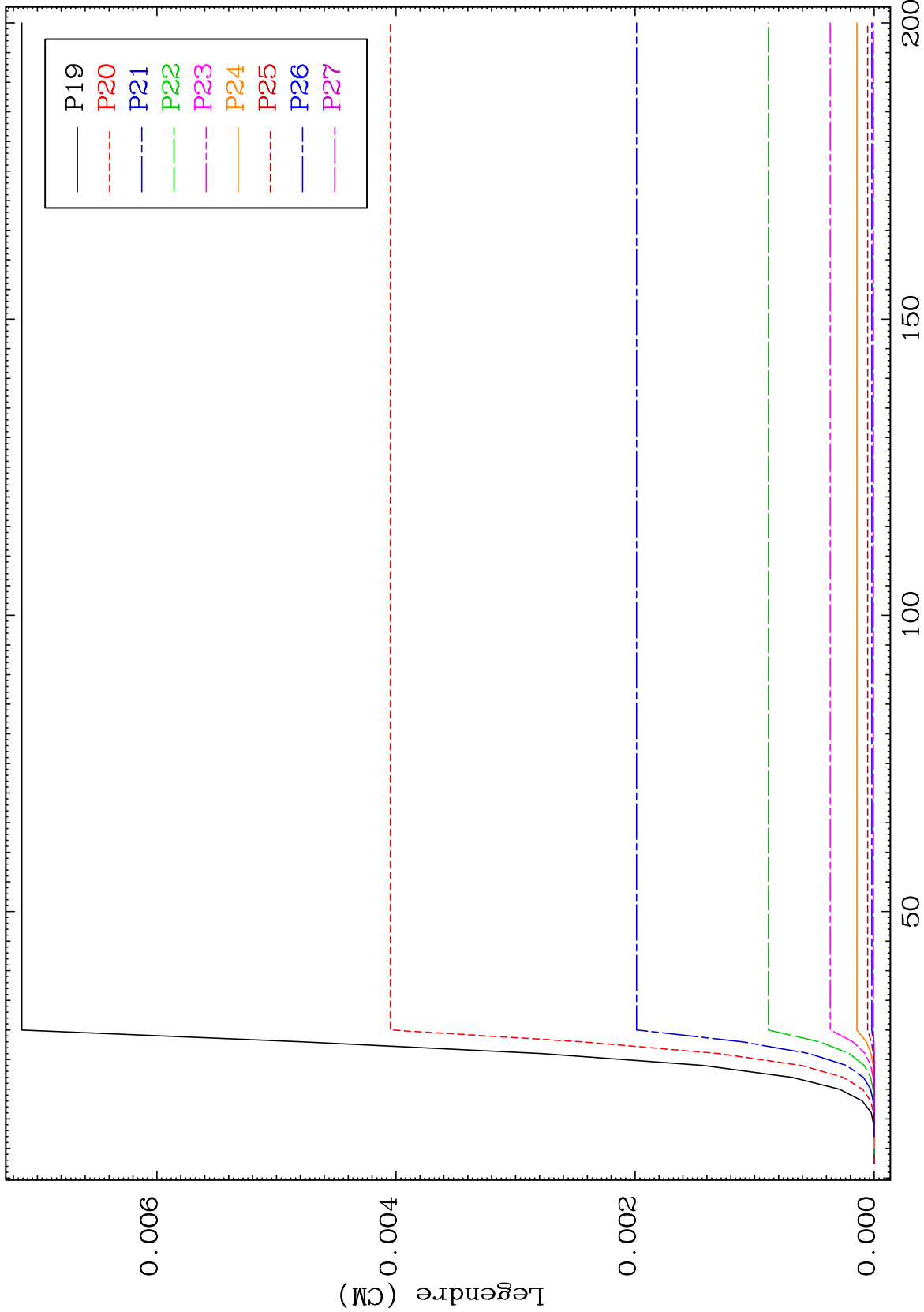
133

51-Sb-125

MAT 5137

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

51-Sb-125



134

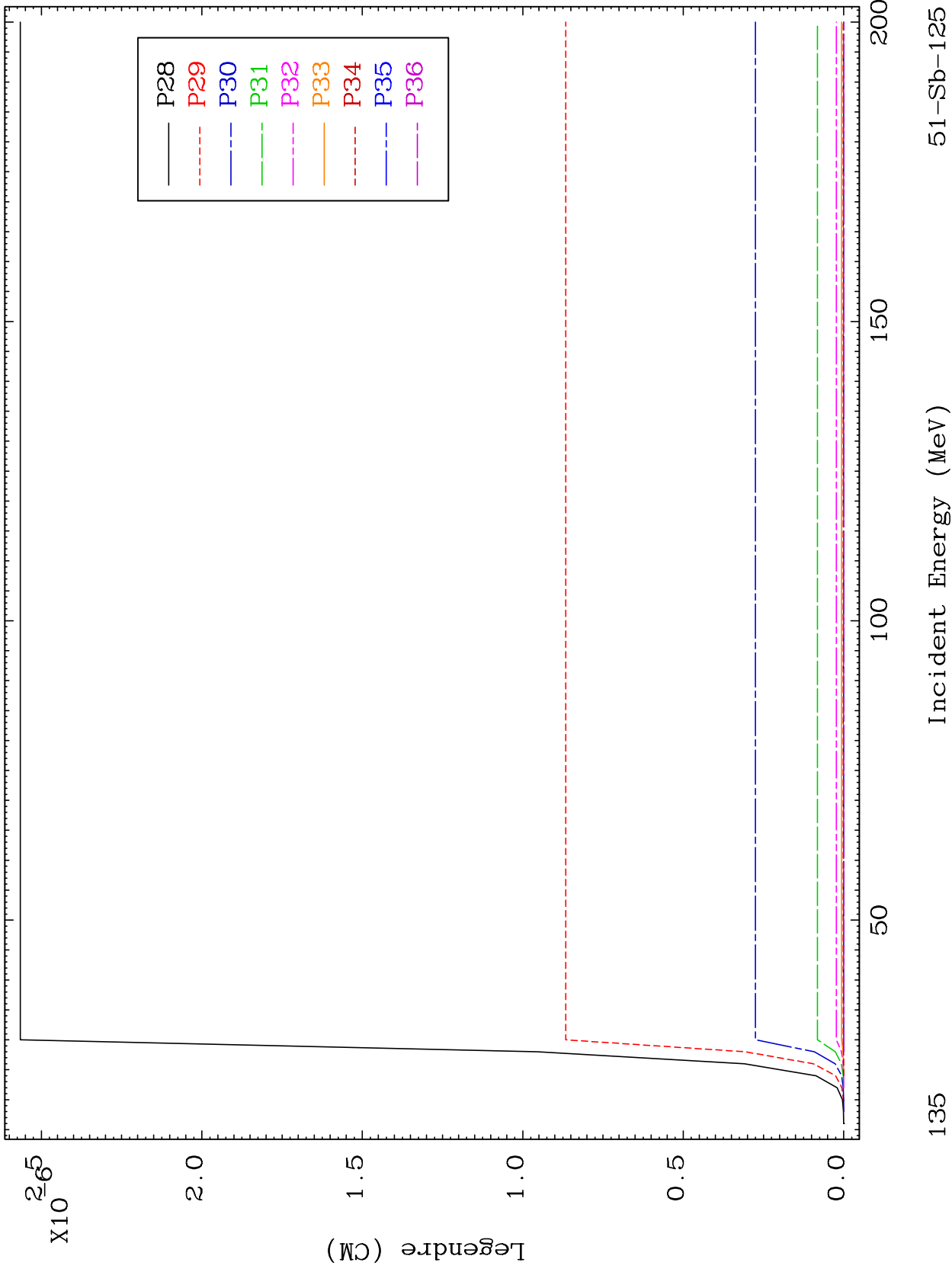
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

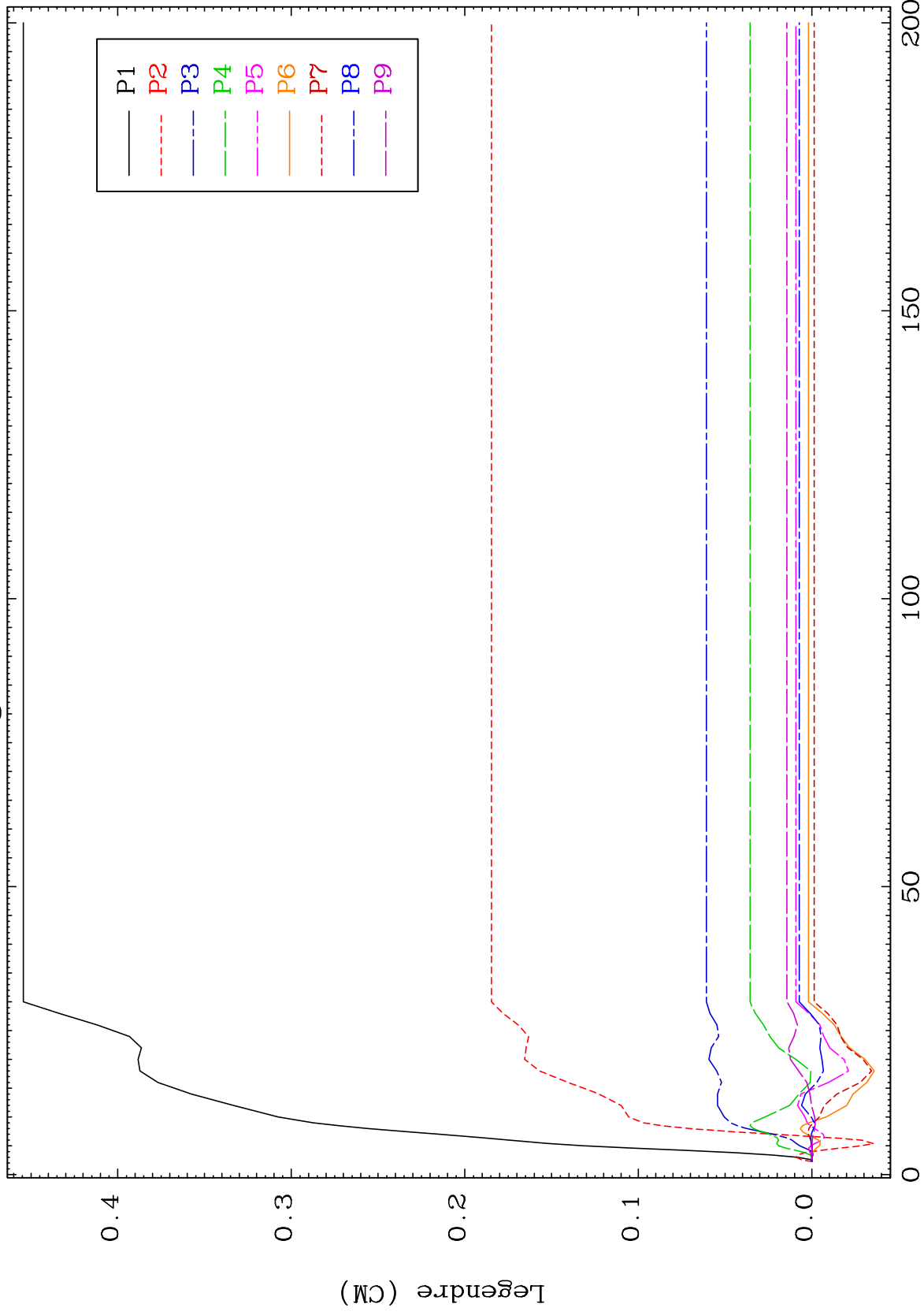


135

MAT 5137

MT= 80 (n,n') Level
Legendre Coefficients

51-Sb-125



136

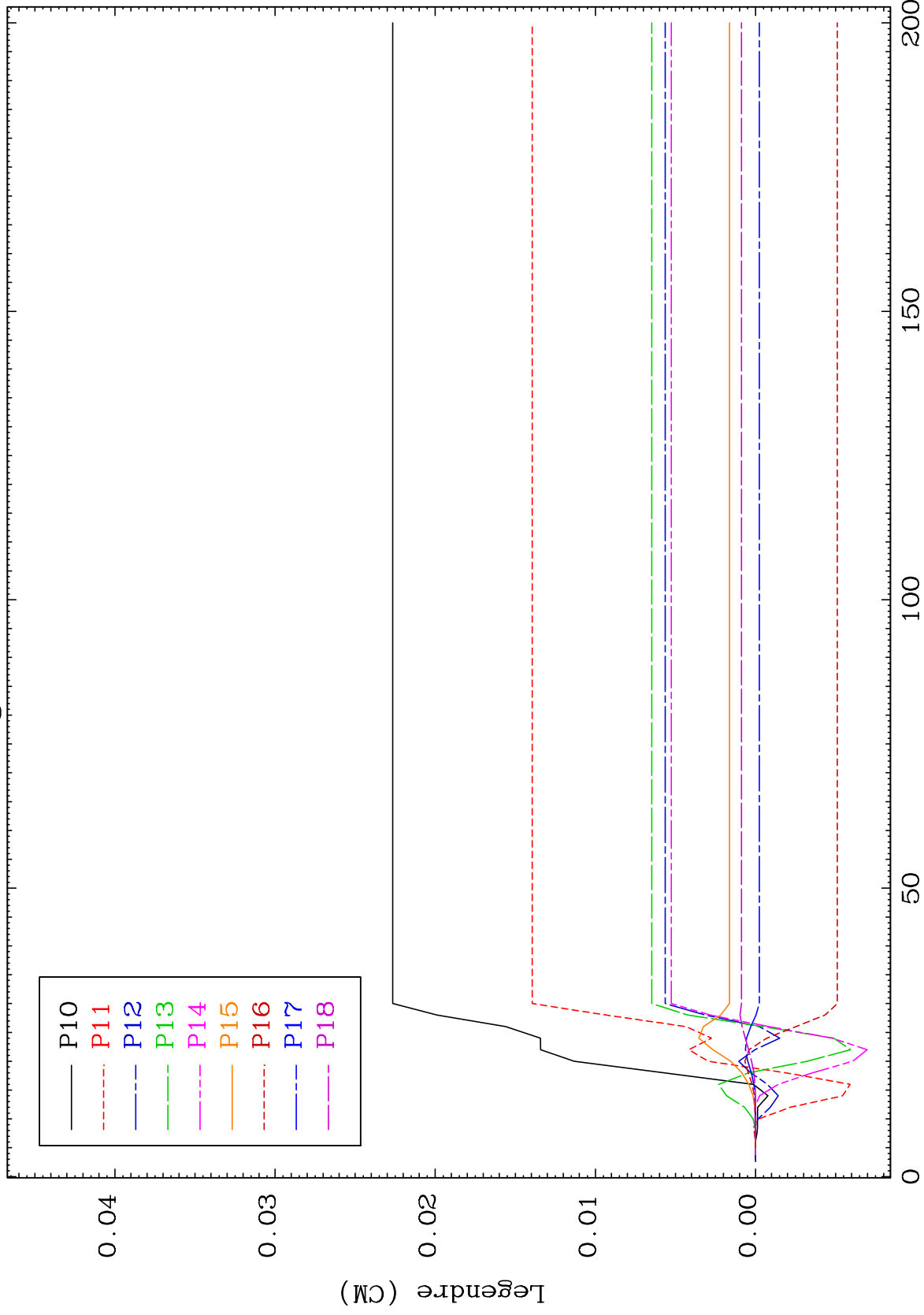
Incident Energy (MeV)

51-Sb-125

MAT 5137

MT= 80 (n,n') Level
Legendre Coefficients

51-Sb-125



137

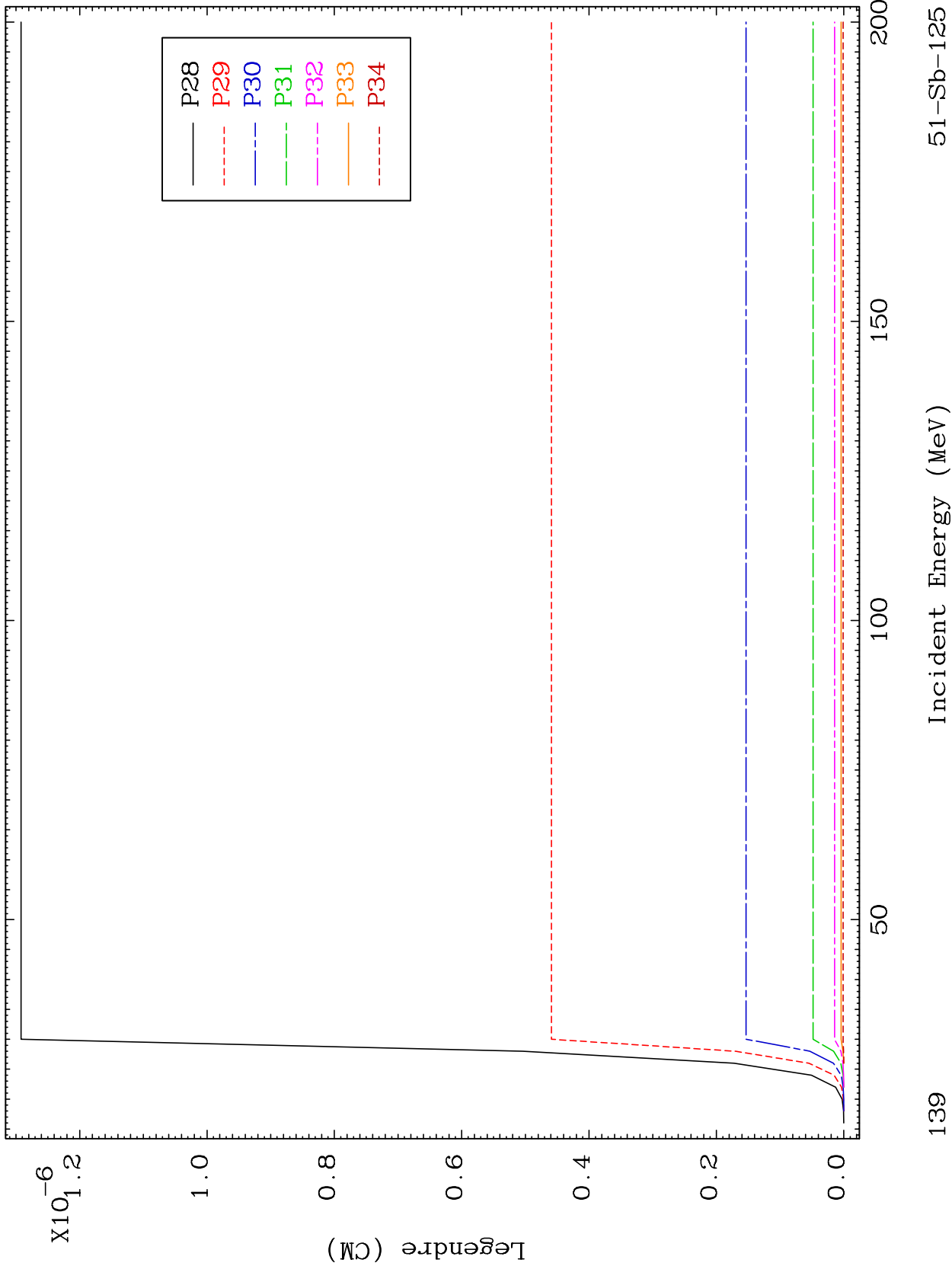
Incident Energy (MeV)

51-Sb-125

MAT 5137

MT= 80 (n,n') Level
Legendre Coefficients

51-Sb-125



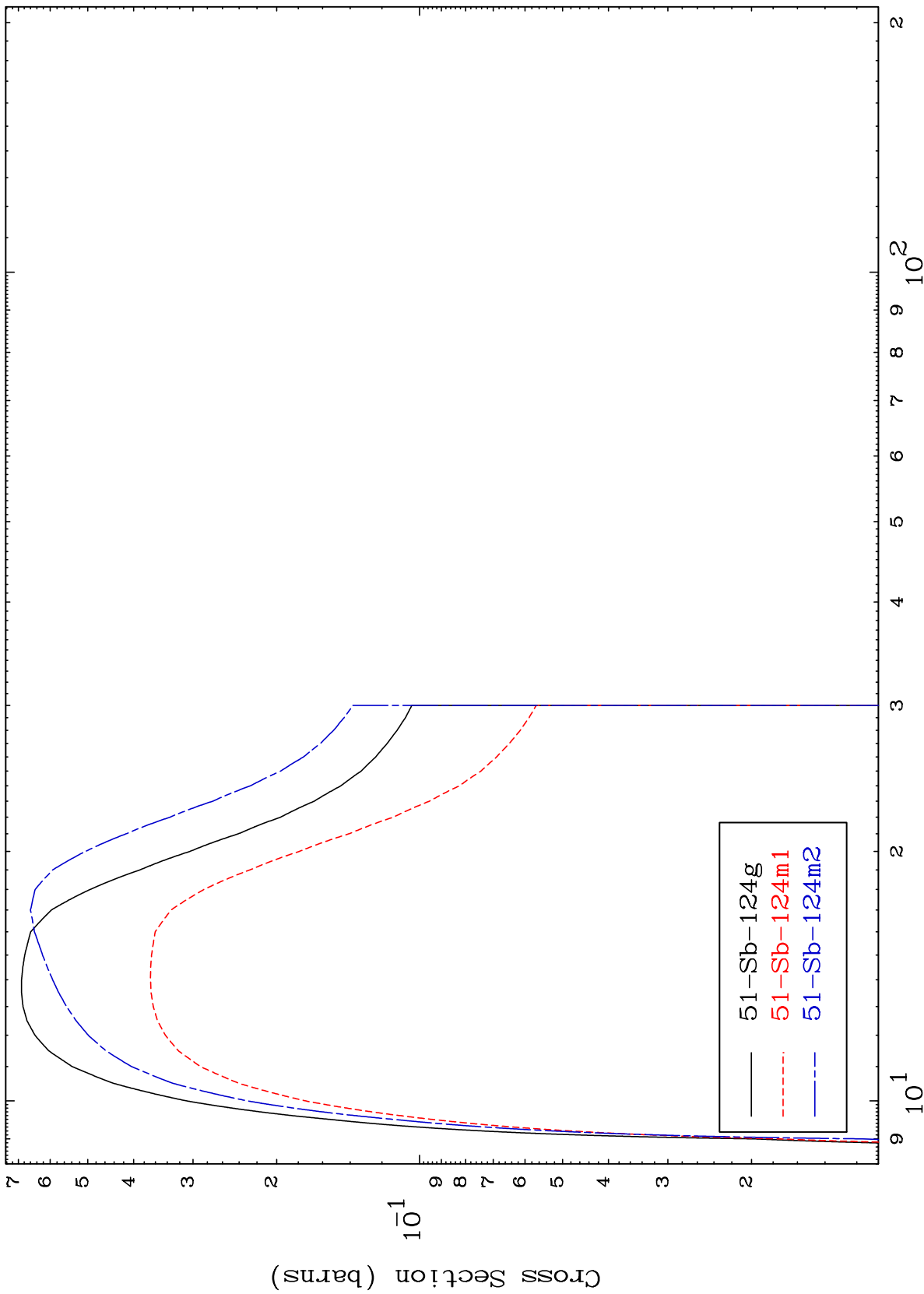
139

51-Sb-125

MAT 5137

51-Sb-125

Radionuclide Production Cross Section



51-Sb-125

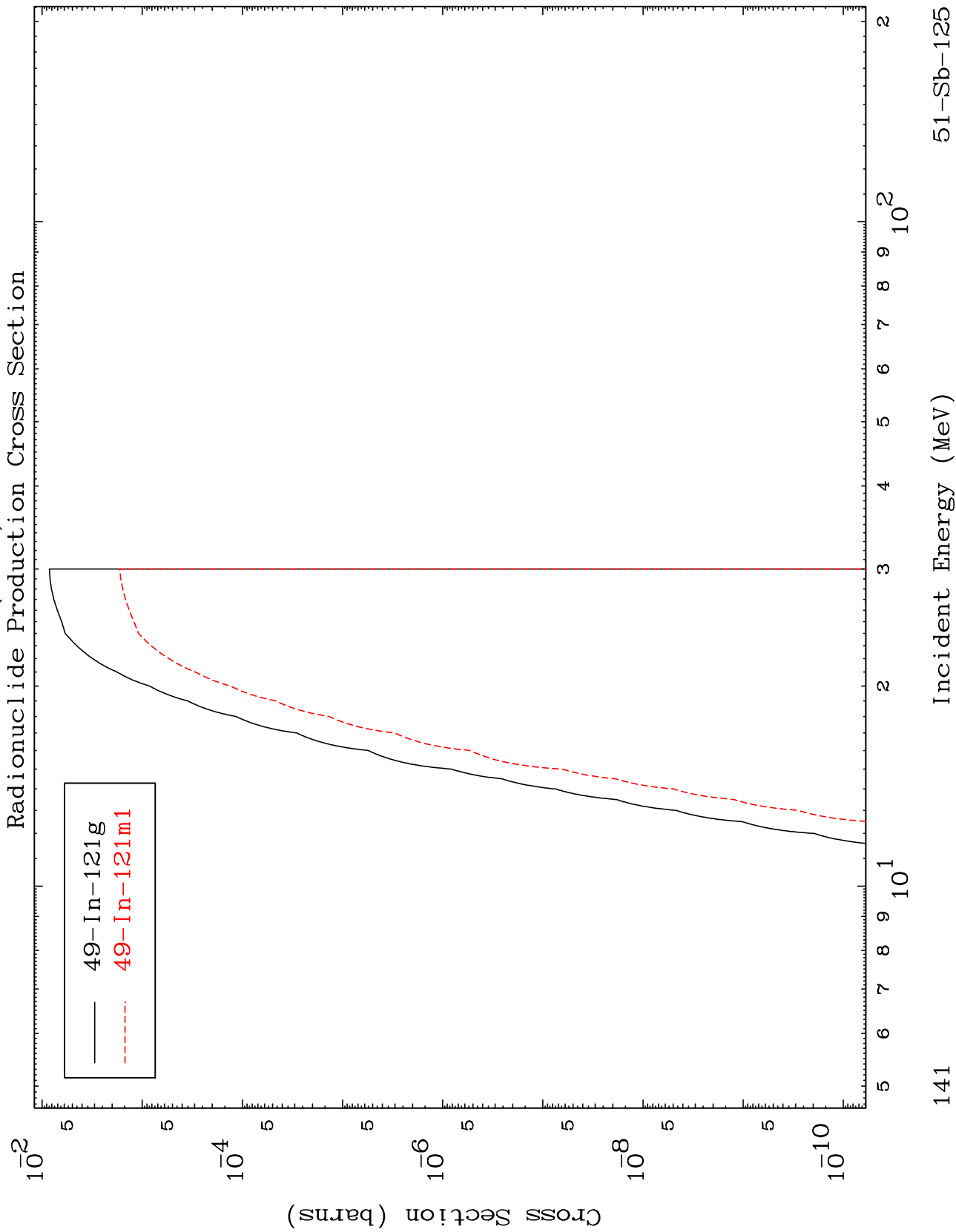
Incident Energy (MeV)

140

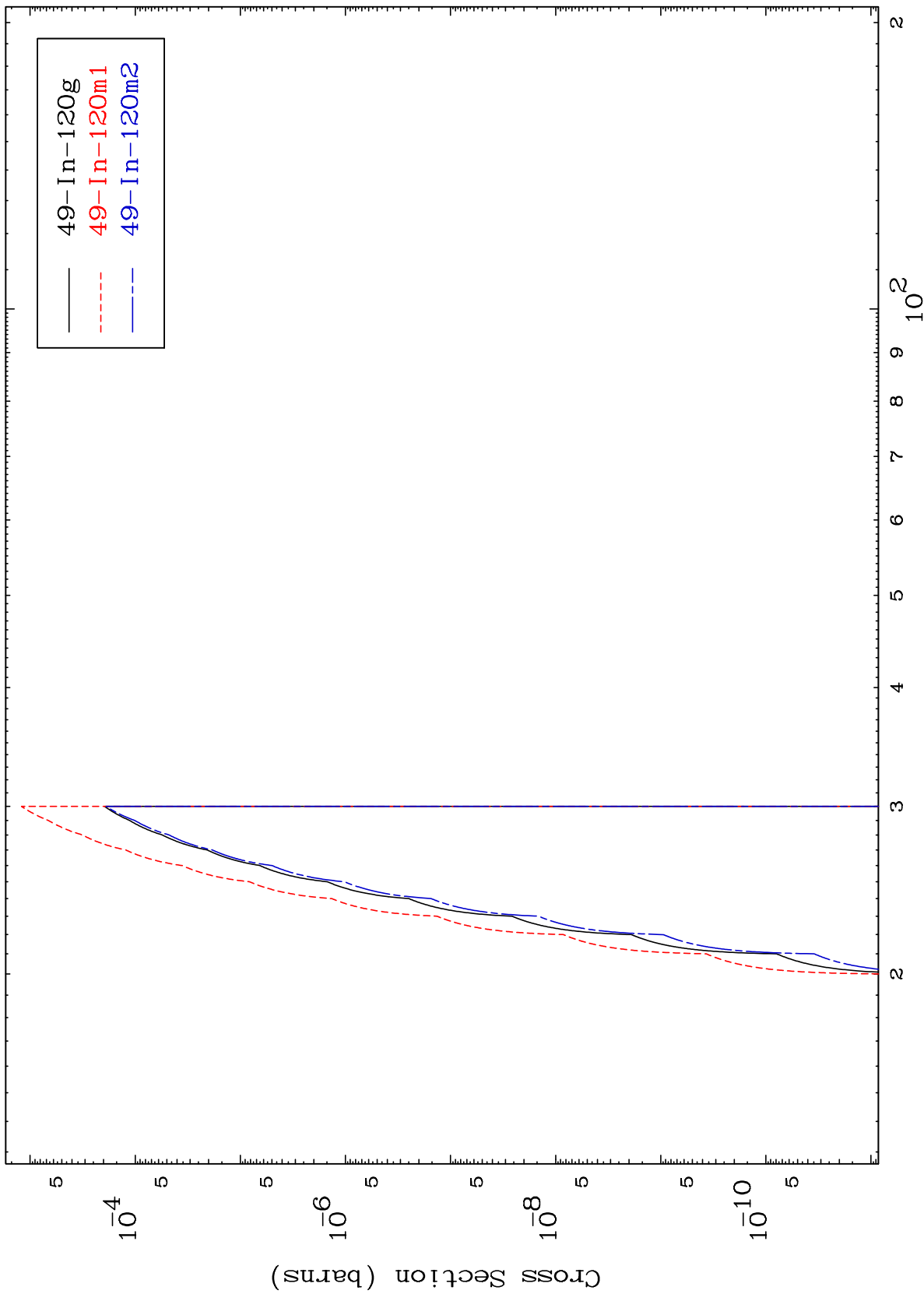
MAT 5137

(n,n') α

51-Sb-125



Radionuclide Production Cross Section

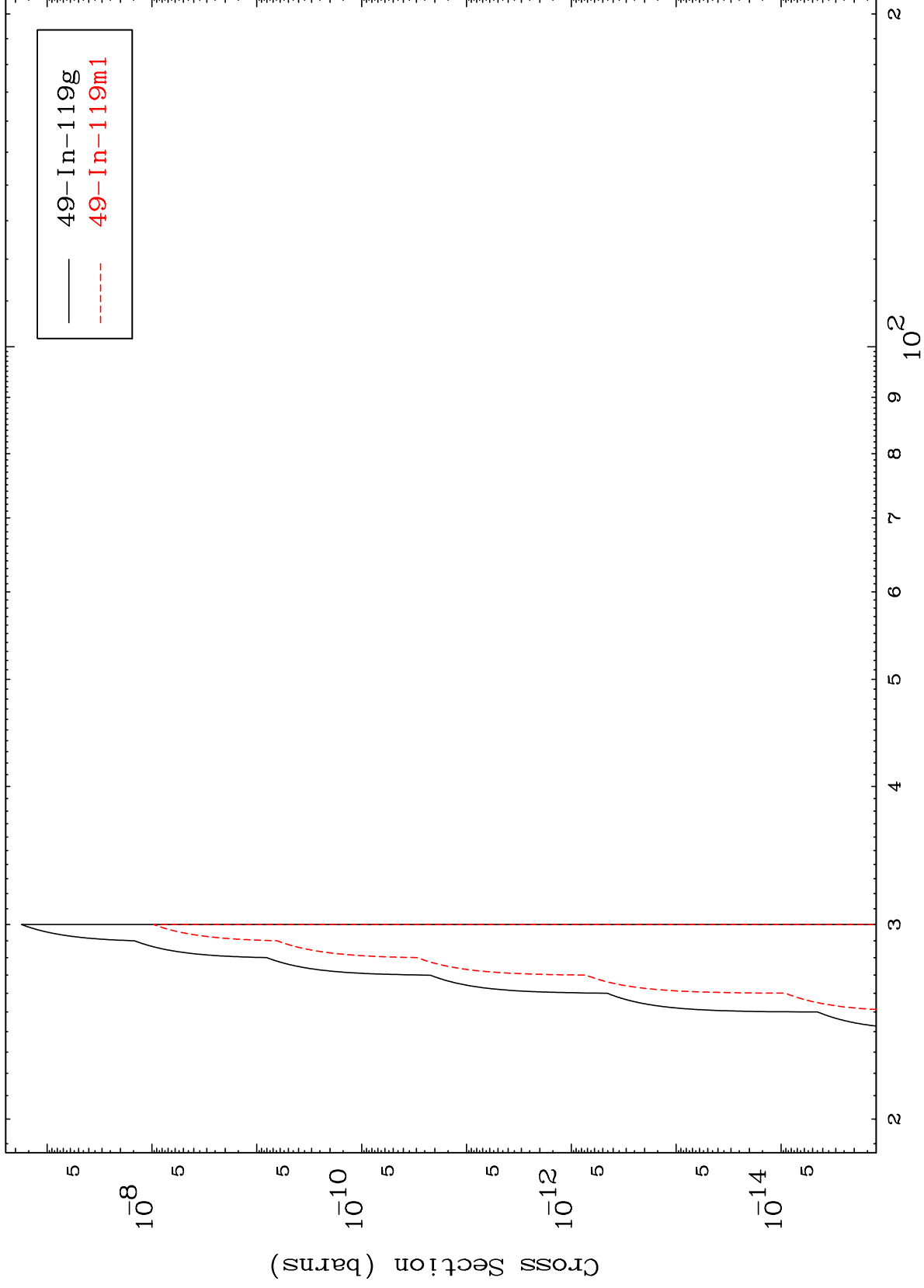


MAT 5137

(n,3n) α

51-Sb-125

Radionuclide Production Cross Section

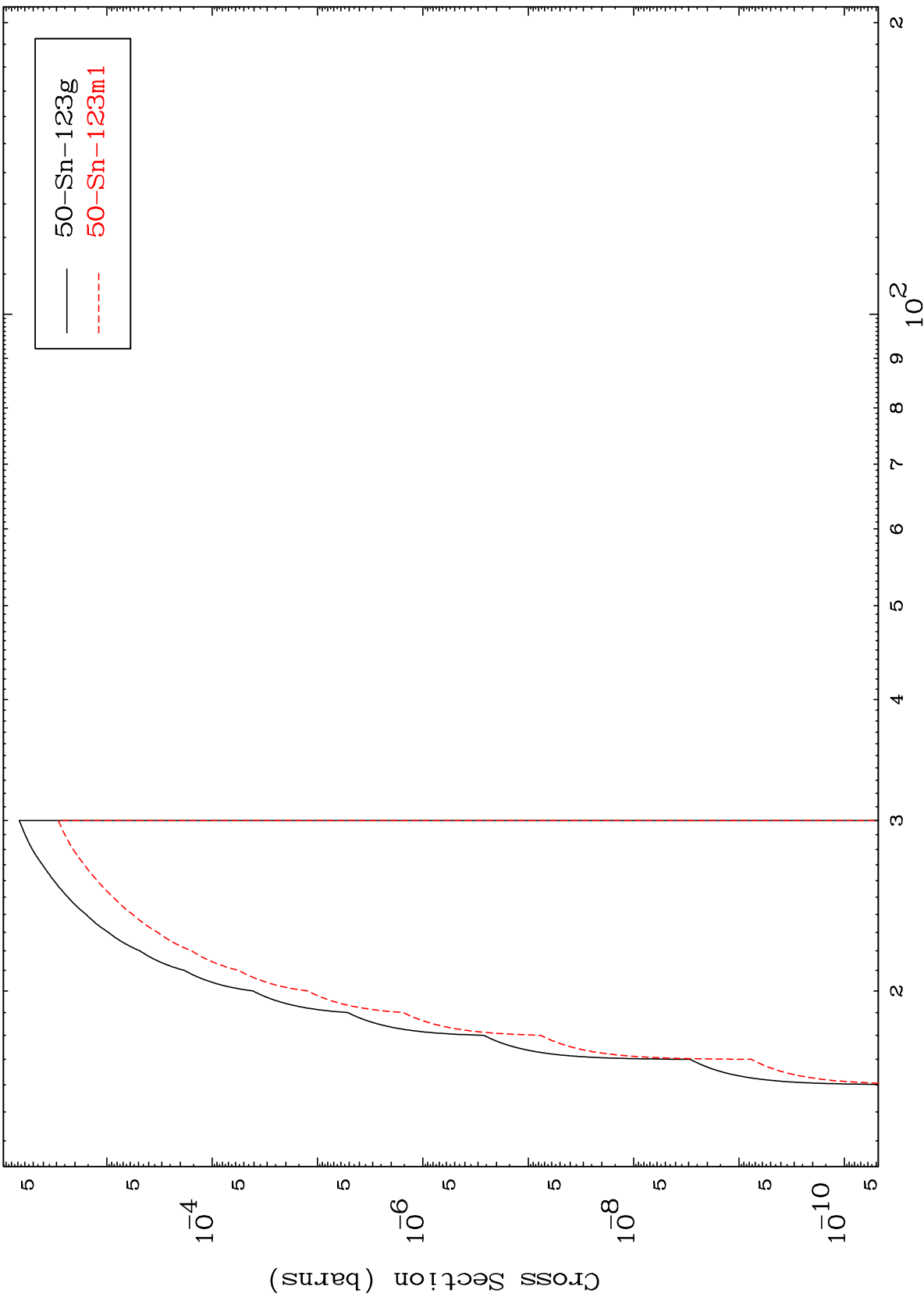


143

Incident Energy (MeV)

51-Sb-125

Radionuclide Production Cross Section

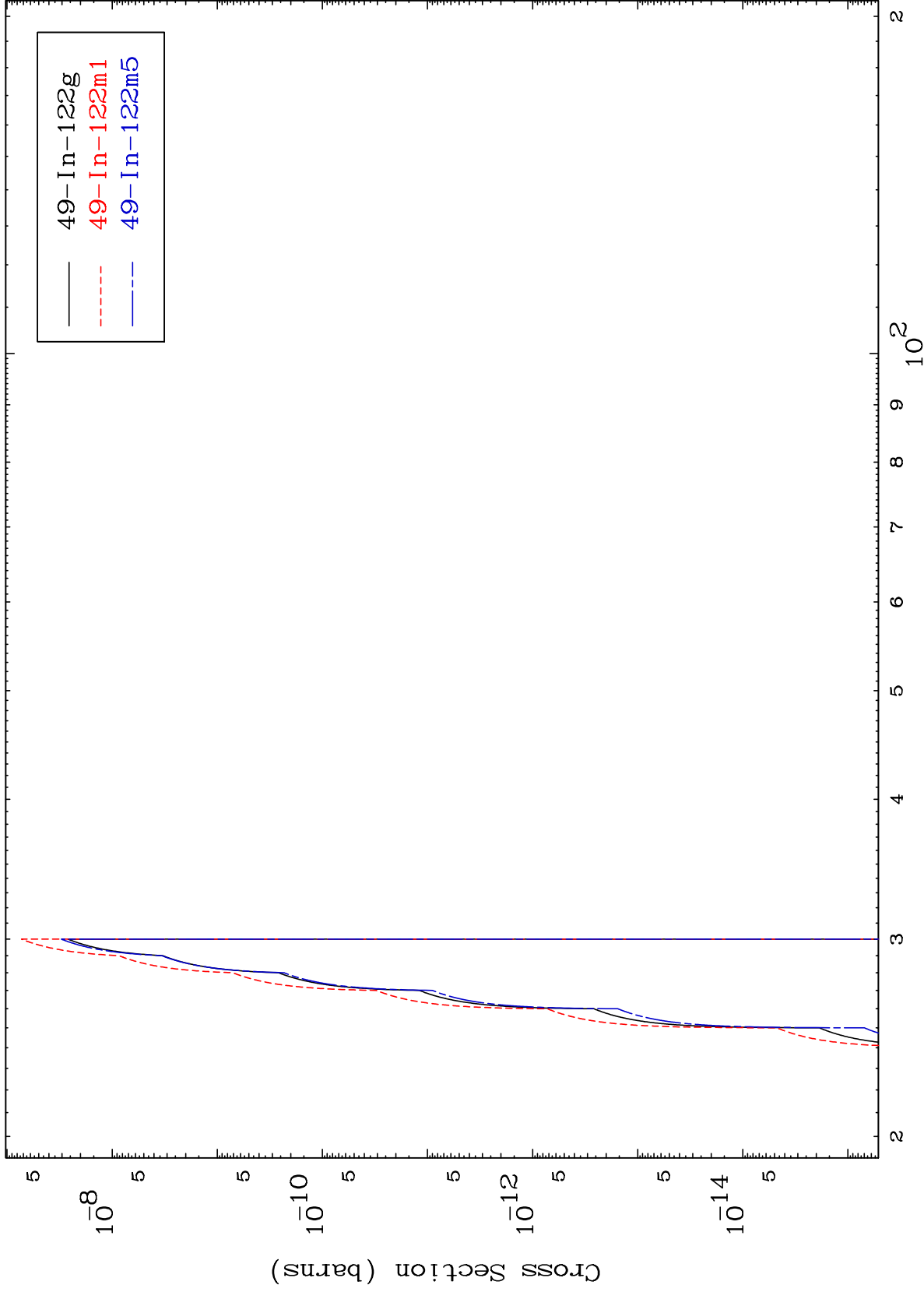


MAT 5137

(n,n') He-3

51-Sb-125

Radionuclide Production Cross Section

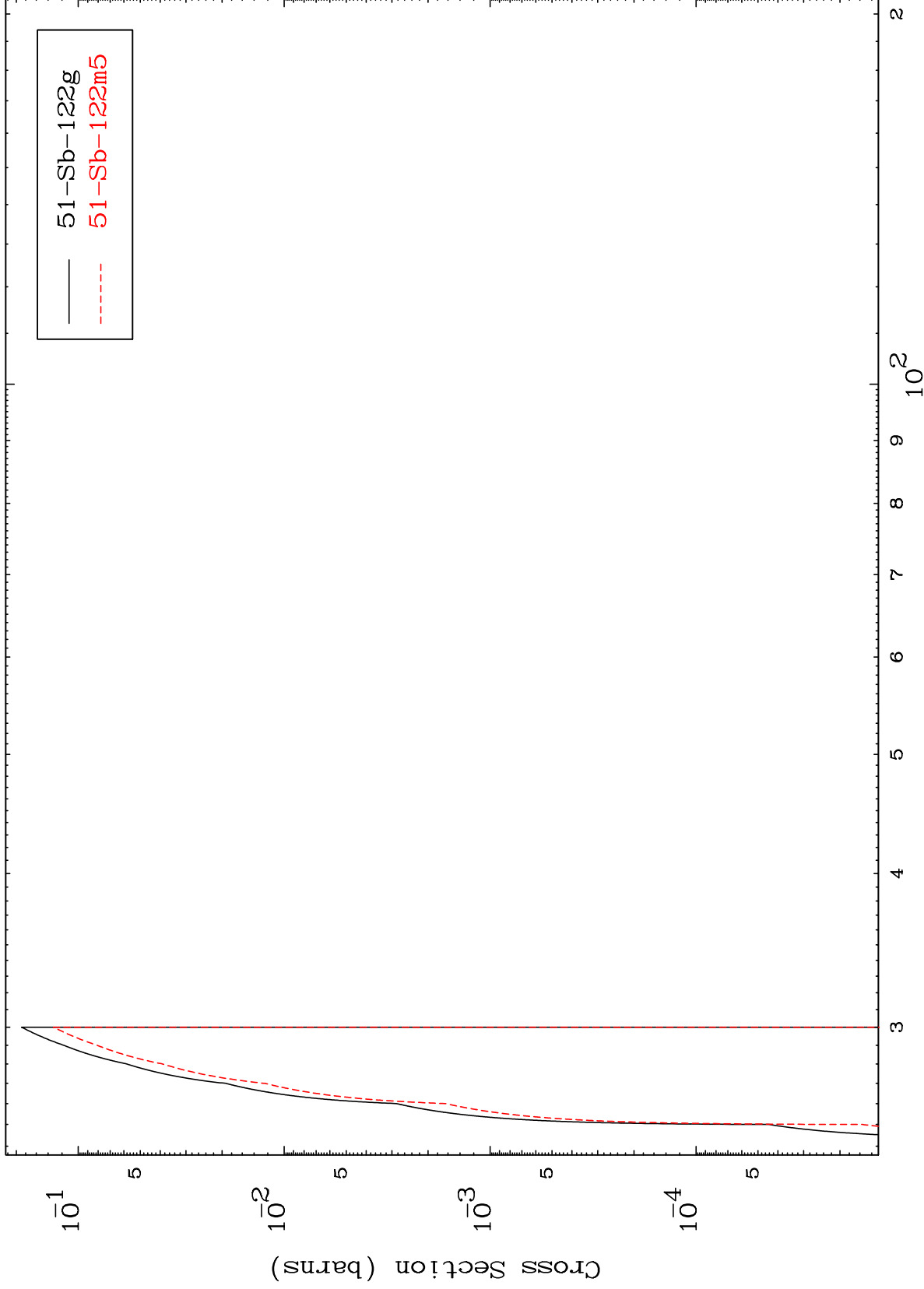


145

Incident Energy (MeV)

51-Sb-125

Radionuclide Production Cross Section

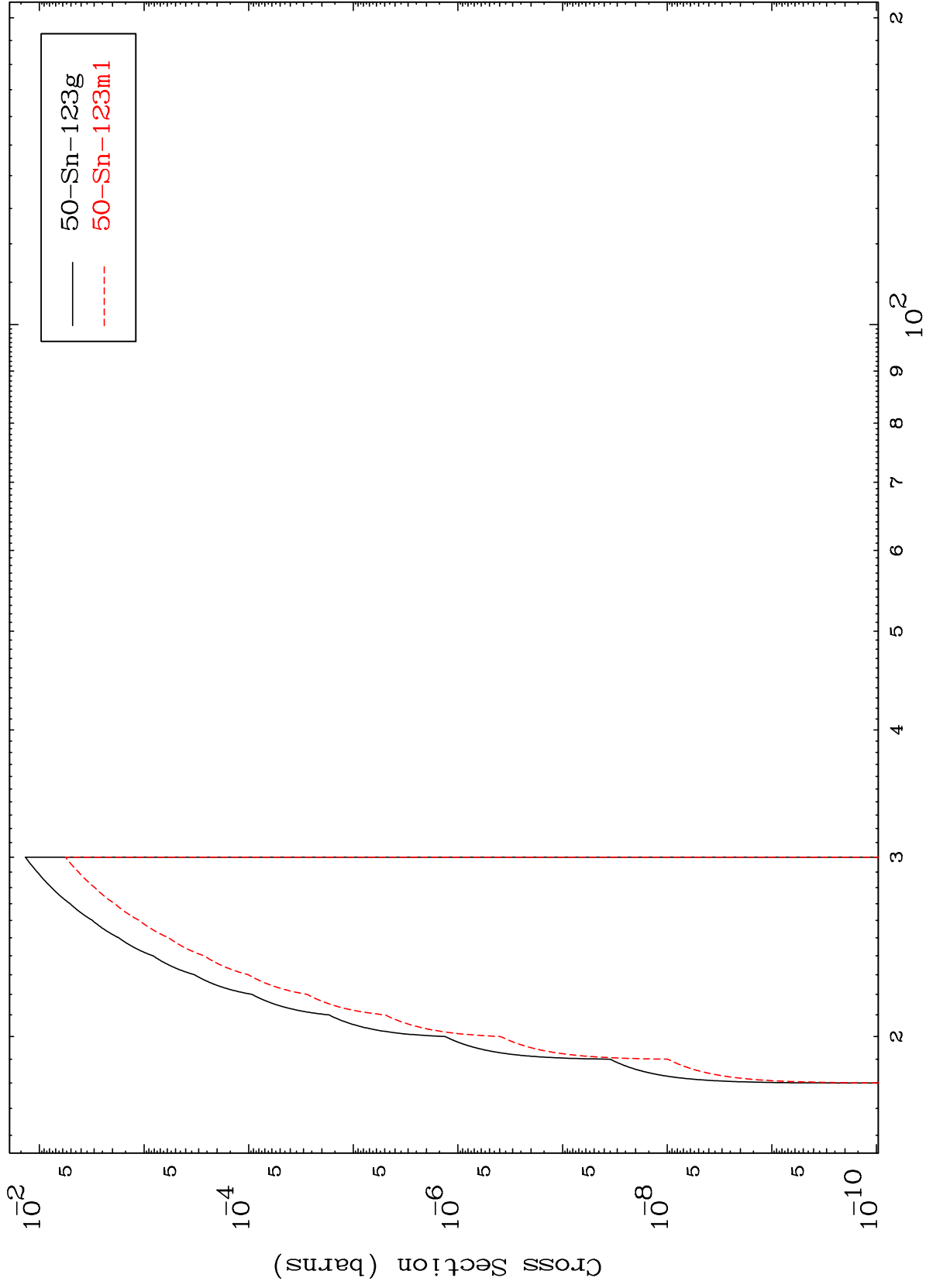


MAT 5137

(n,2n) p

51-Sb-125

Radionuclide Production Cross Section



147

Incident Energy (MeV)

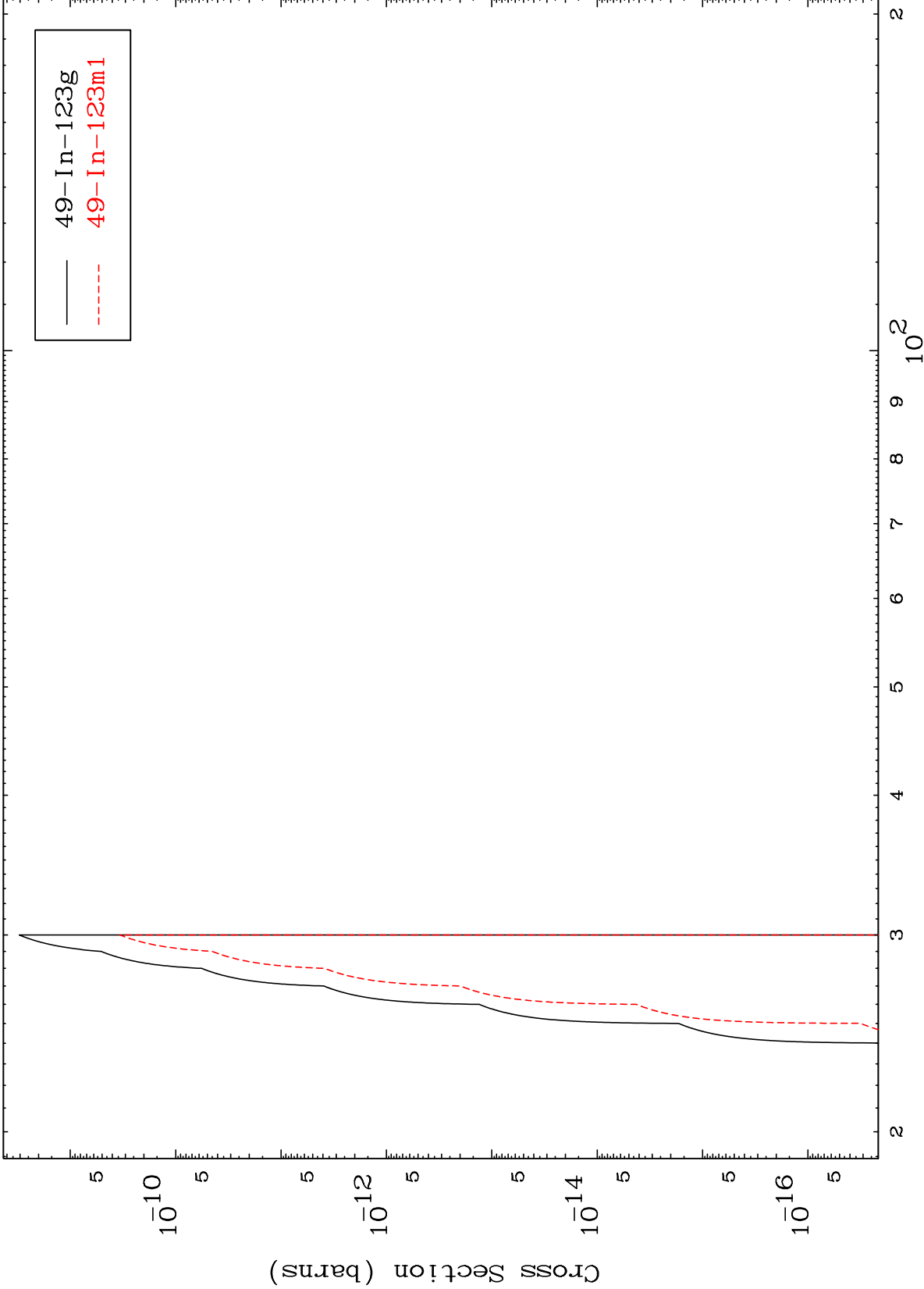
51-Sb-125

MAT 5137

(n,2n) p

51-Sb-125

Radionuclide Production Cross Section



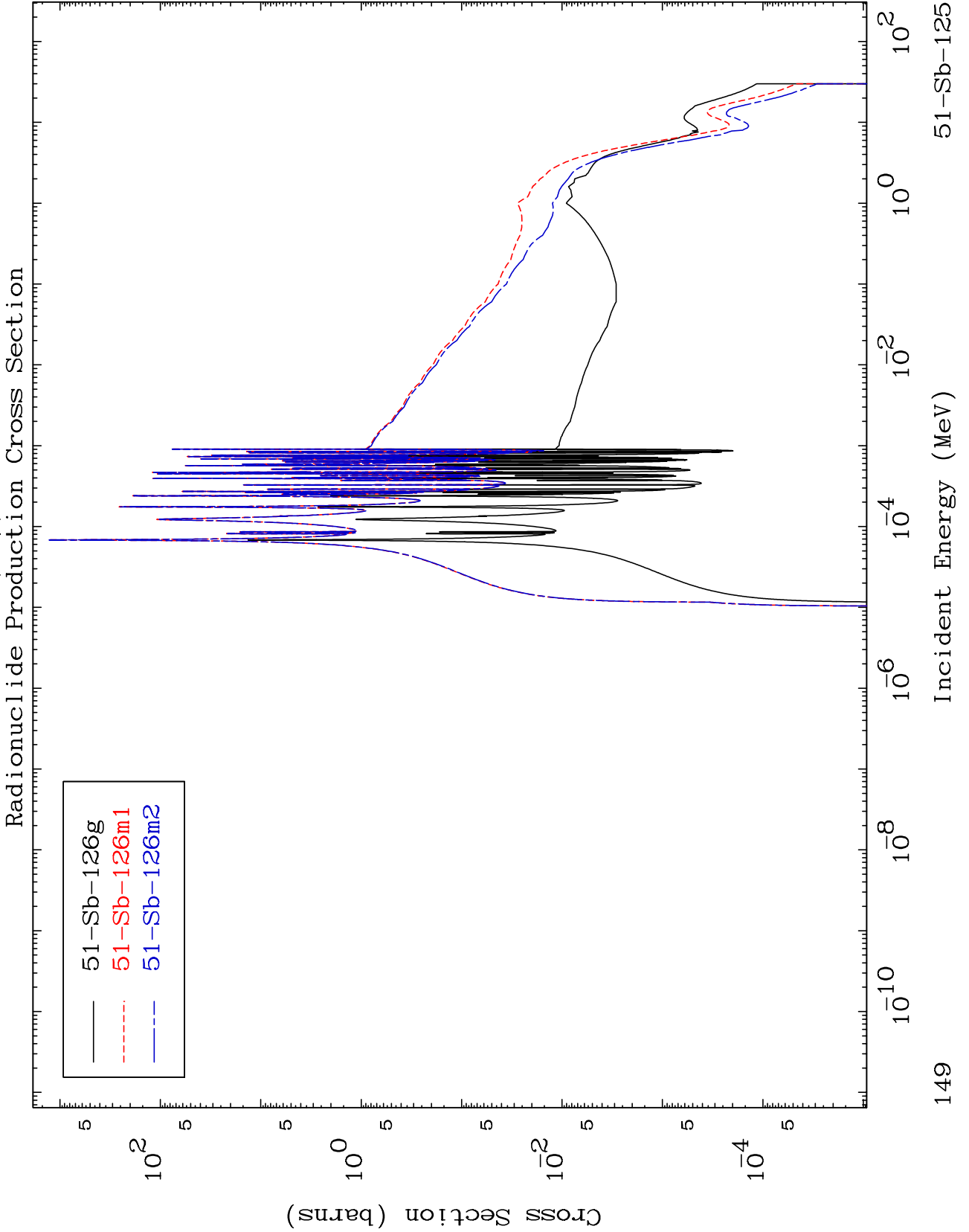
148

Incident Energy (MeV)

51-Sb-125

MAT 5137

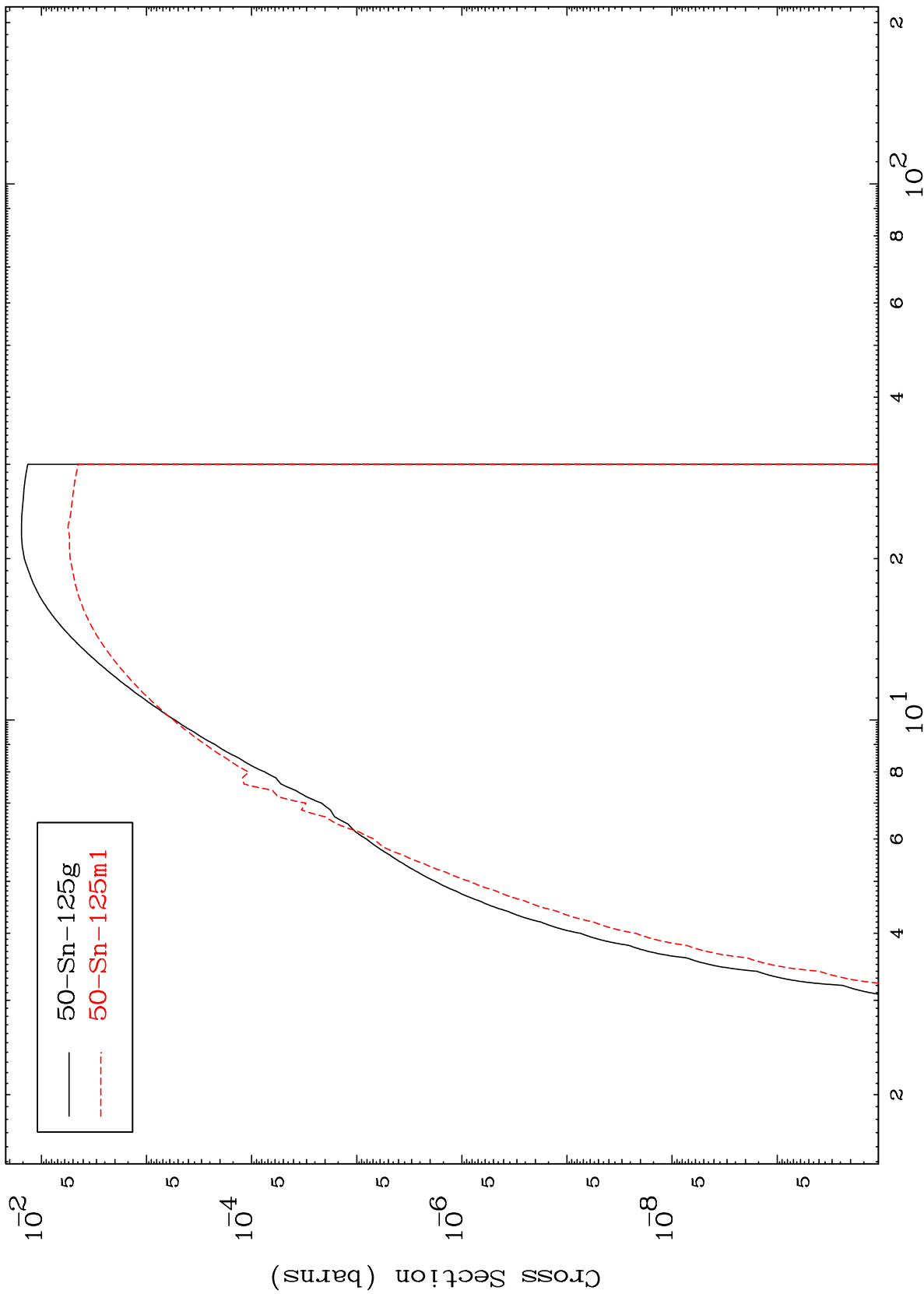
51-Sb-125



MAT 5137

51-Sb-125

(n,p)
Radionuclide Production Cross Section



150

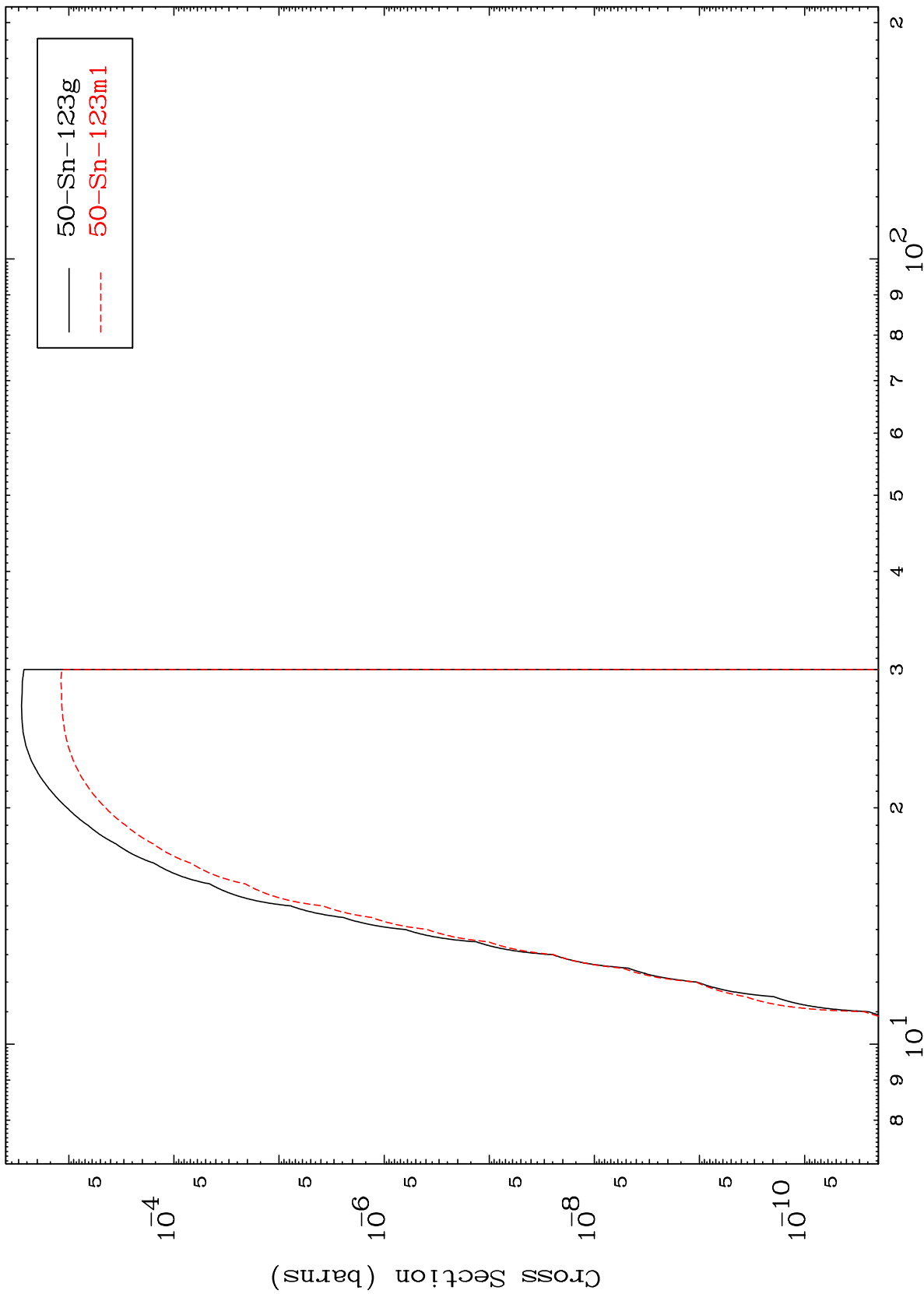
Incident Energy (MeV)

51-Sb-125

MAT 5137

51-Sb-125

(n,t)
Radionuclide Production Cross Section



151

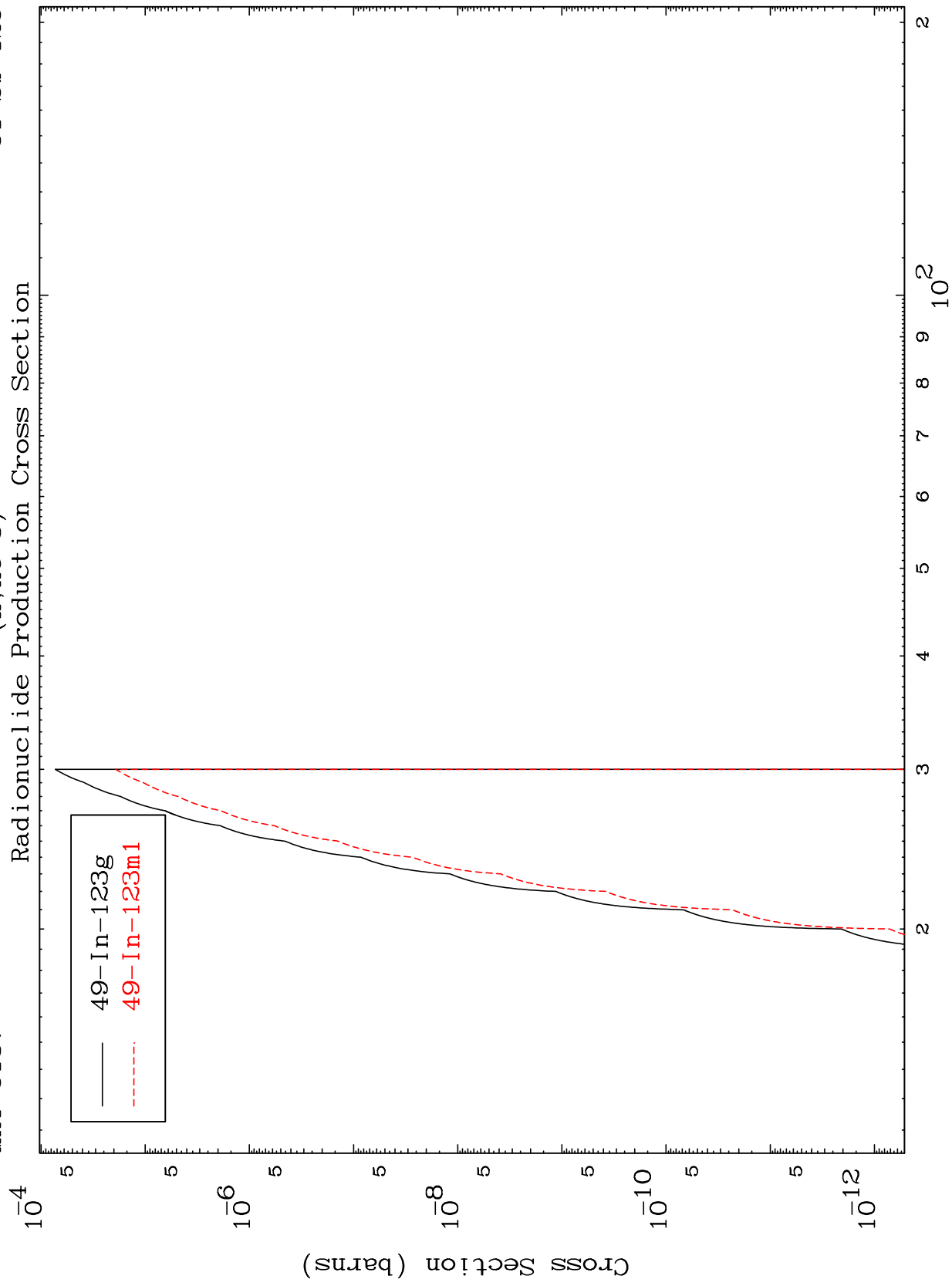
Incident Energy (MeV)

51-Sb-125

MAT 5137

51-Sb-125

(n,He-3)
Radionuclide Production Cross Section



152

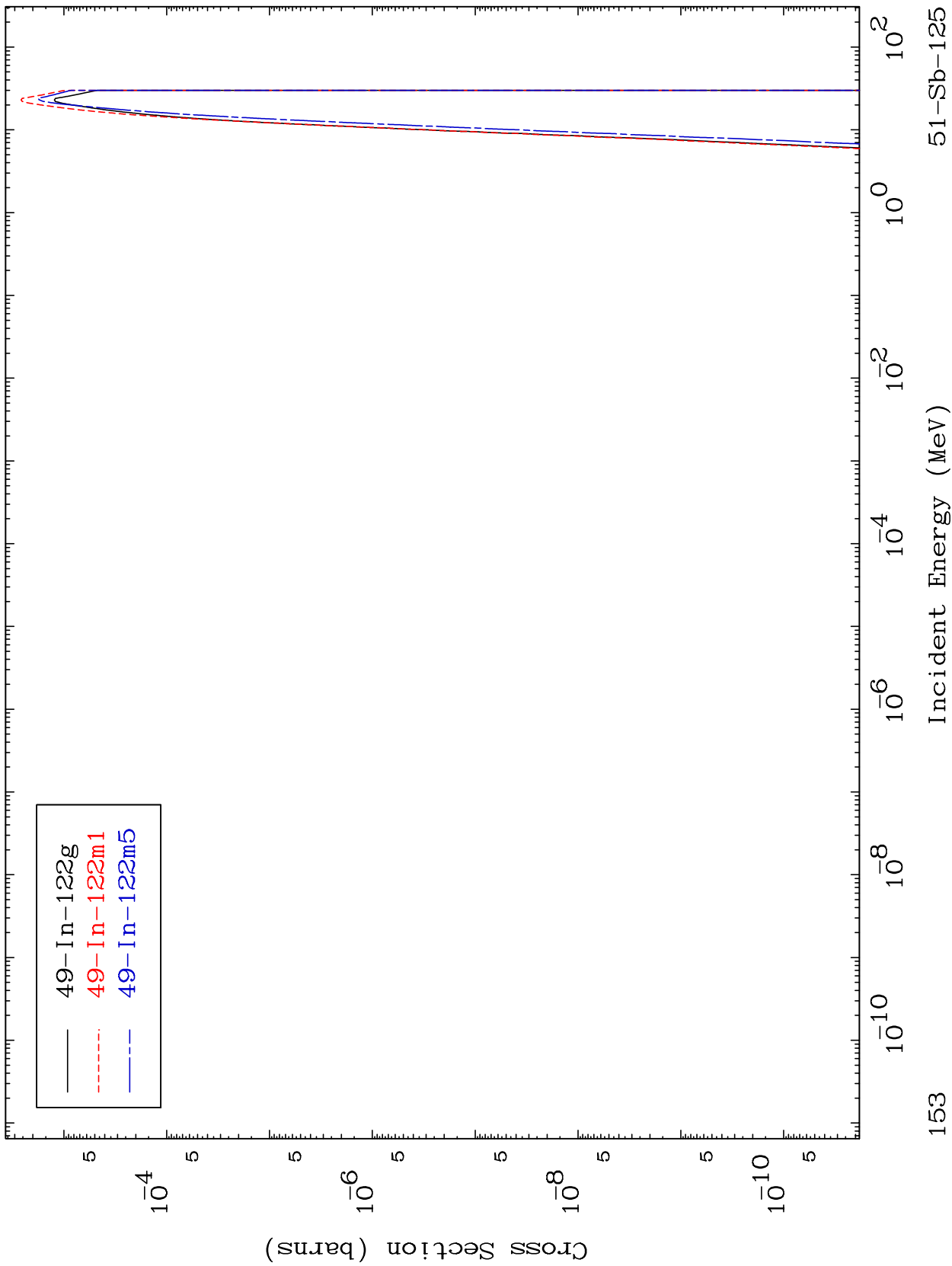
Incident Energy (MeV)

51-Sb-125

MAT 5137

51-Sb-125

Radionuclide Production Cross Section



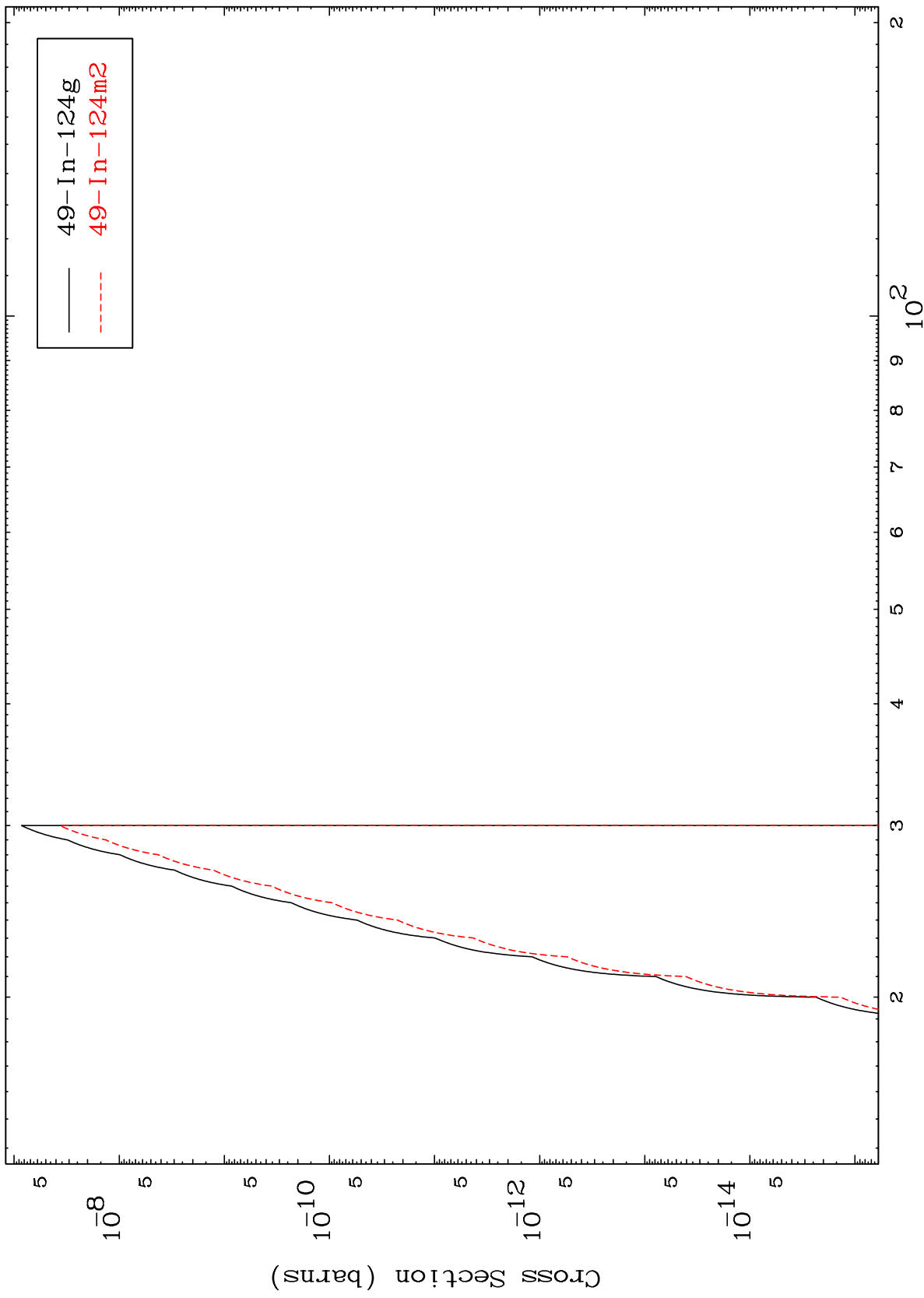
153

51-Sb-125

MAT 5137

51-Sb-125

(n,2p)
Radionuclide Production Cross Section



154

51-Sb-125

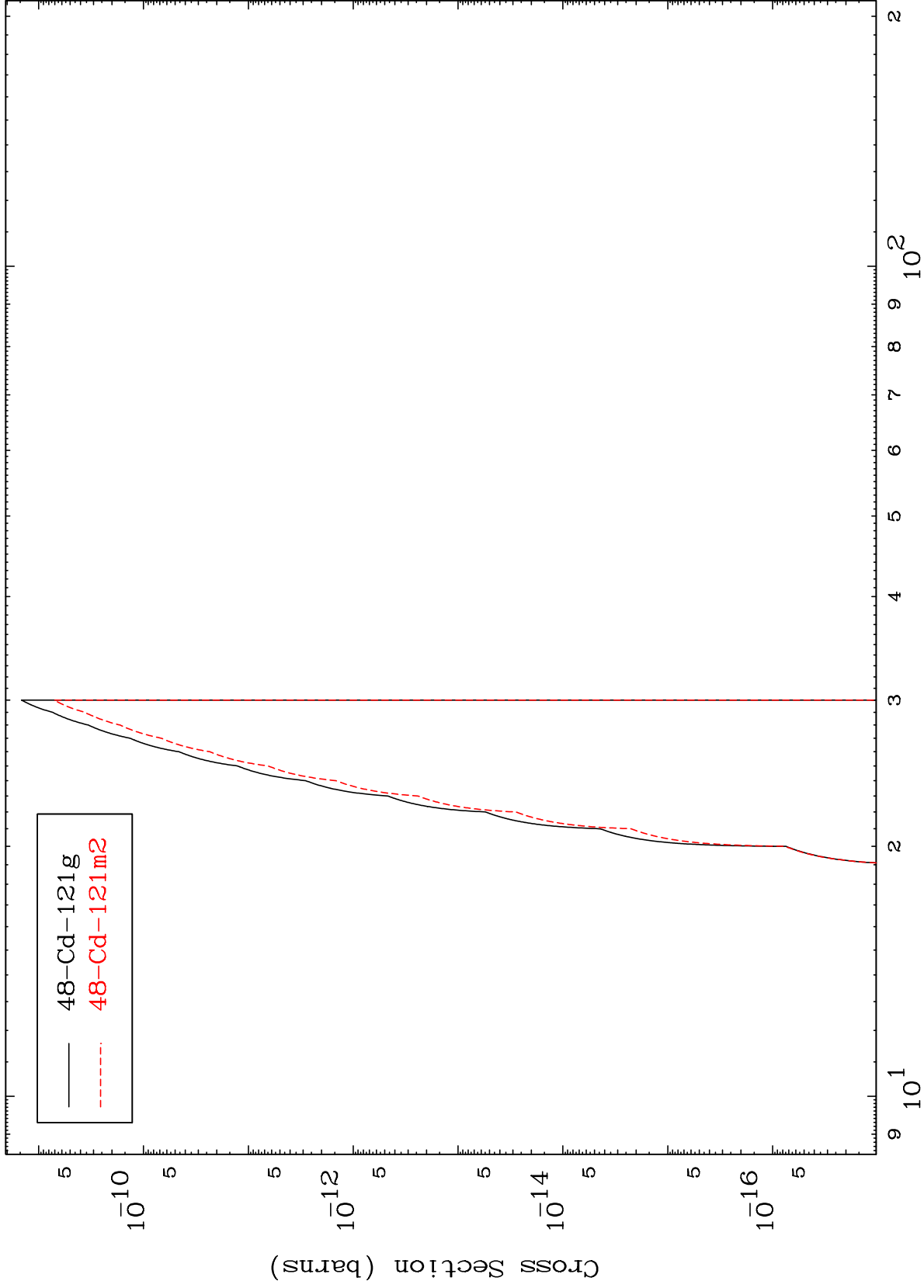
Incident Energy (MeV)

MAT 5137

(n,p) α

51-Sb-125

Radionuclide Production Cross Section



155

Incident Energy (MeV)

51-Sb-125