

Program EVALPLOT
(Version 2021-1)

by

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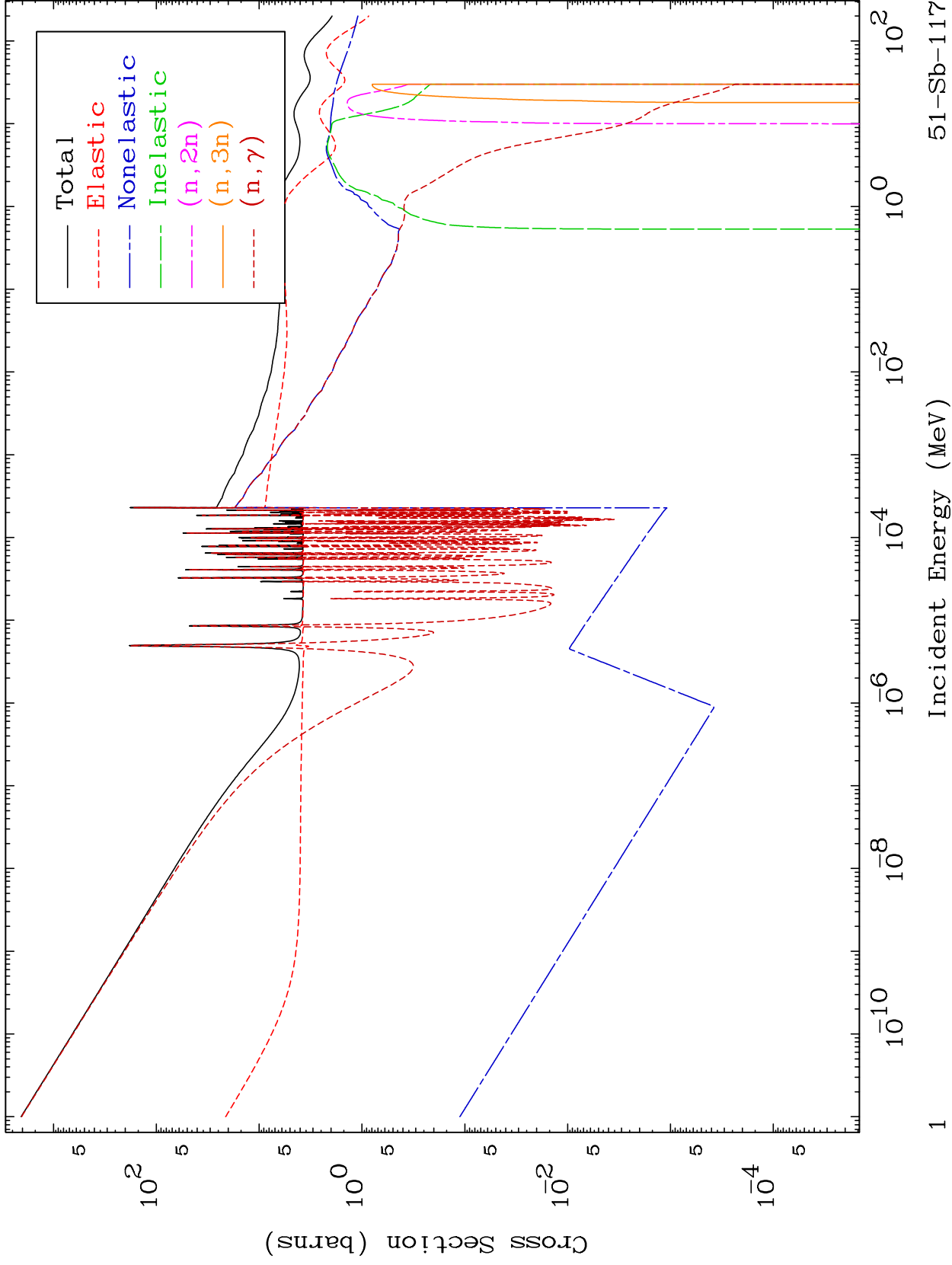
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5113

Neutron Major
293 Kelvin Cross Sections

51-Sb-117

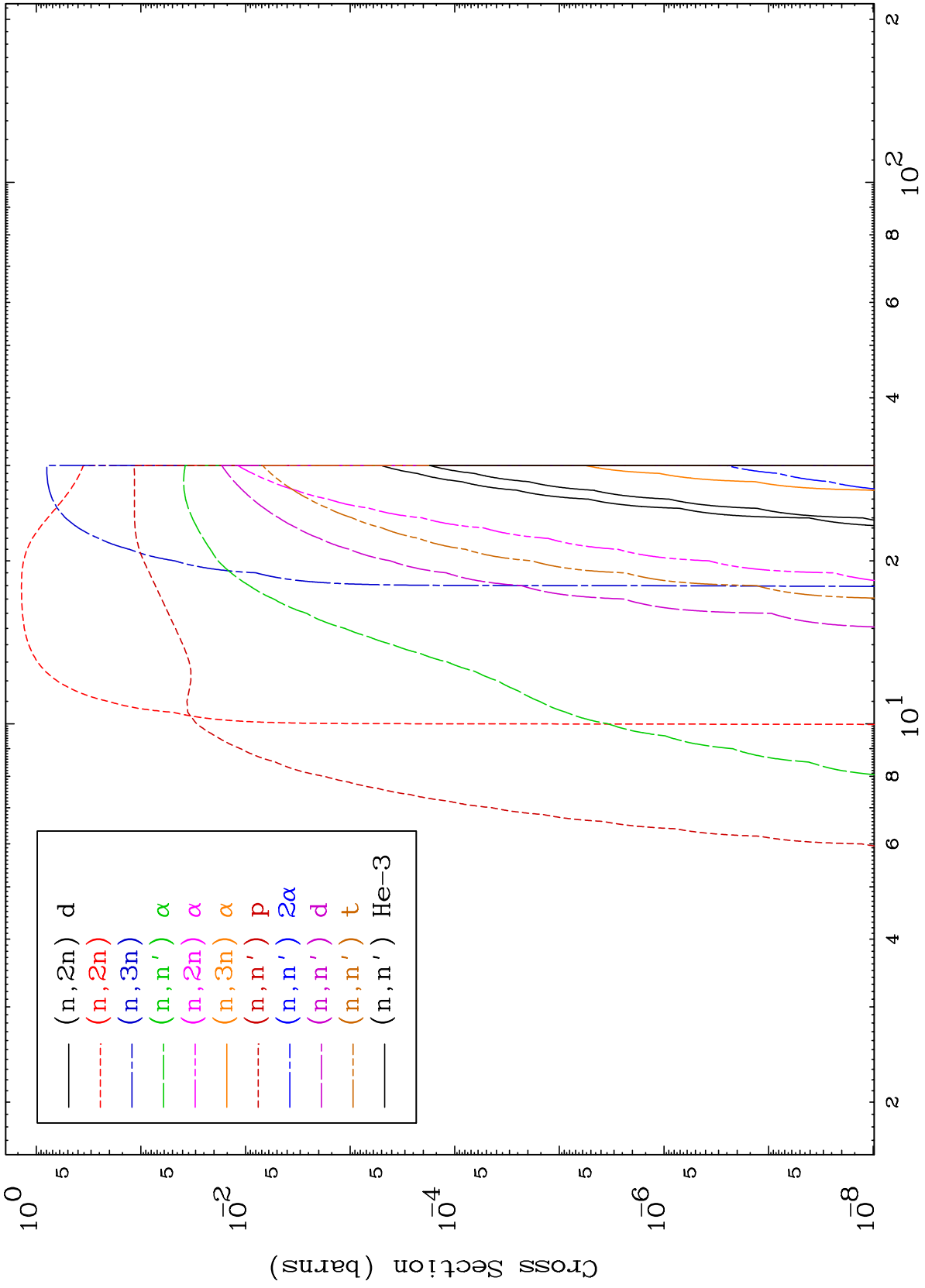


51-Sb-117

MAT 5113

Neutron Absorption
293 Kelvin Cross Sections

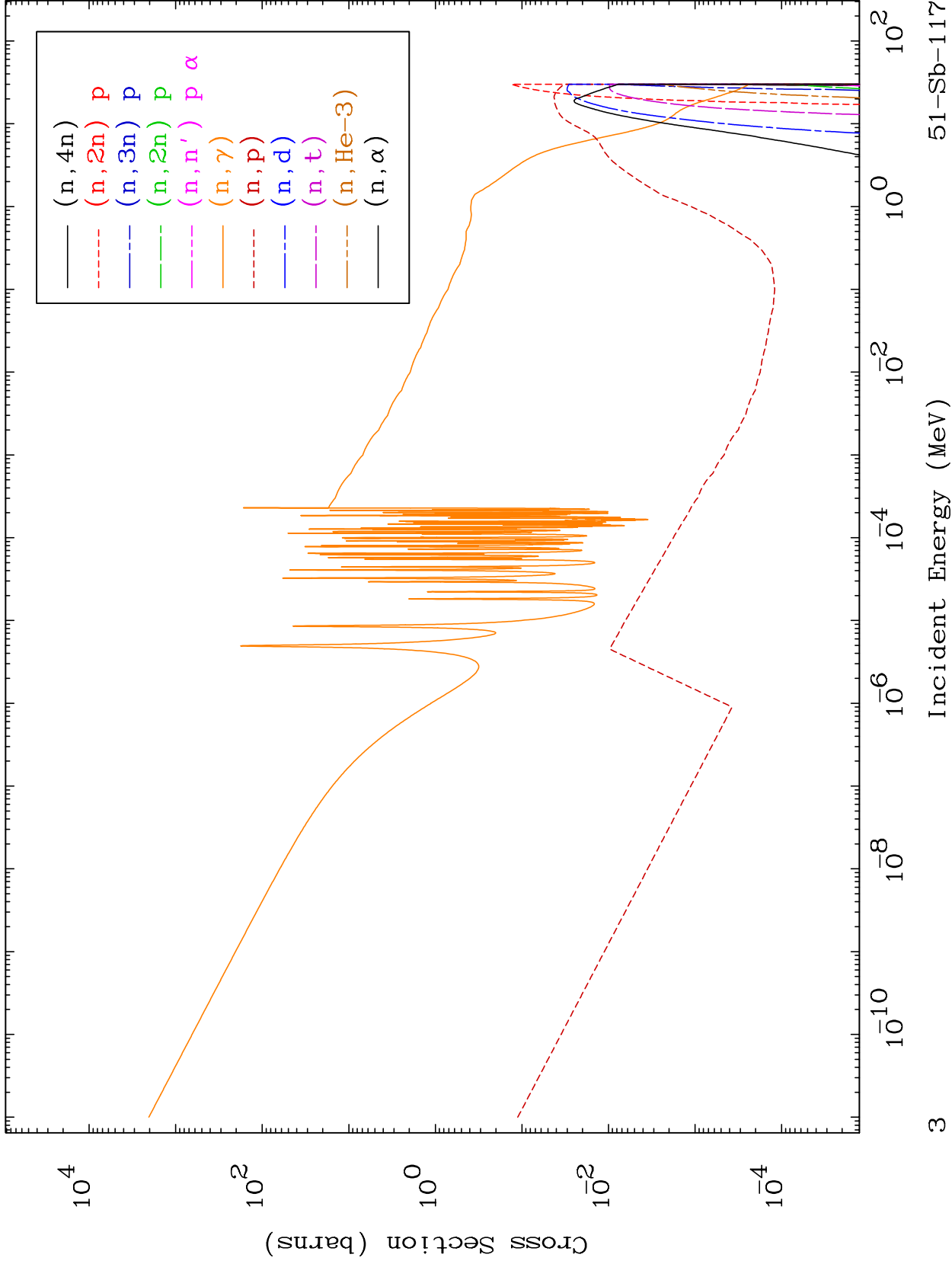
51-Sb-117



2

Incident Energy (MeV)

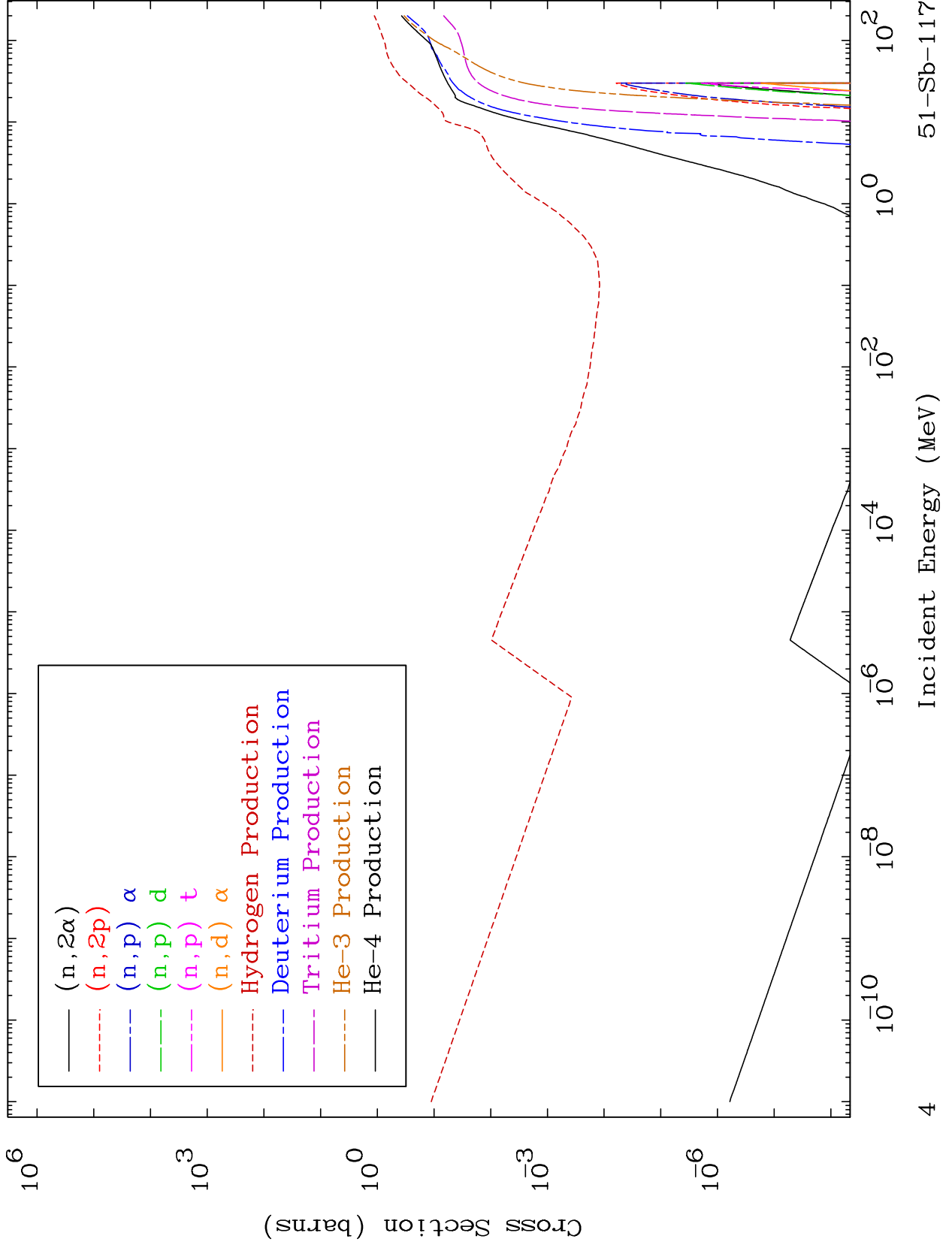
51-Sb-117



MAT 5113

Neutron Absorption
293 Kelvin Cross Sections

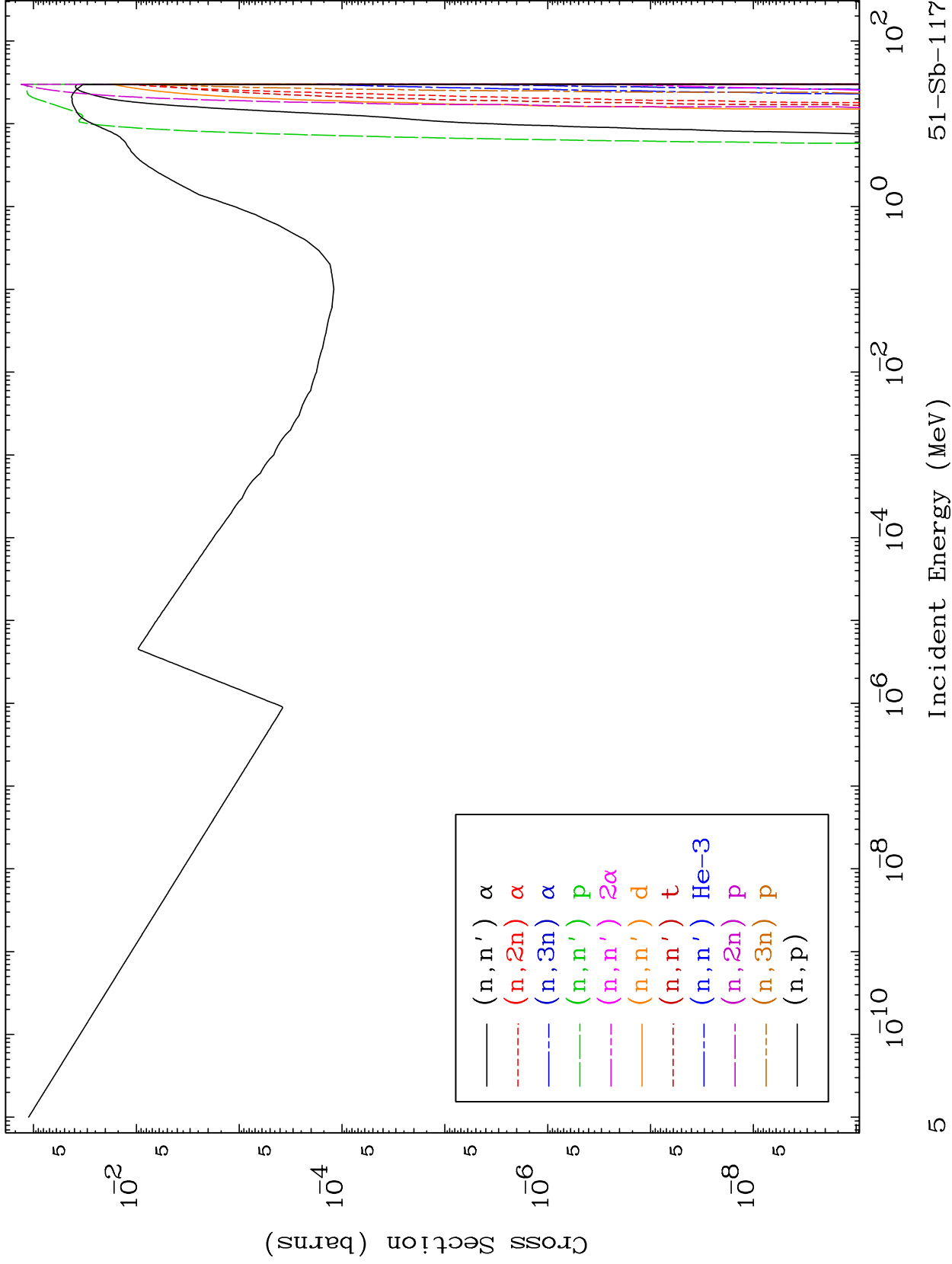
51-Sb-117



MAT 5113

Charged Particle
293 Kelvin Cross Sections

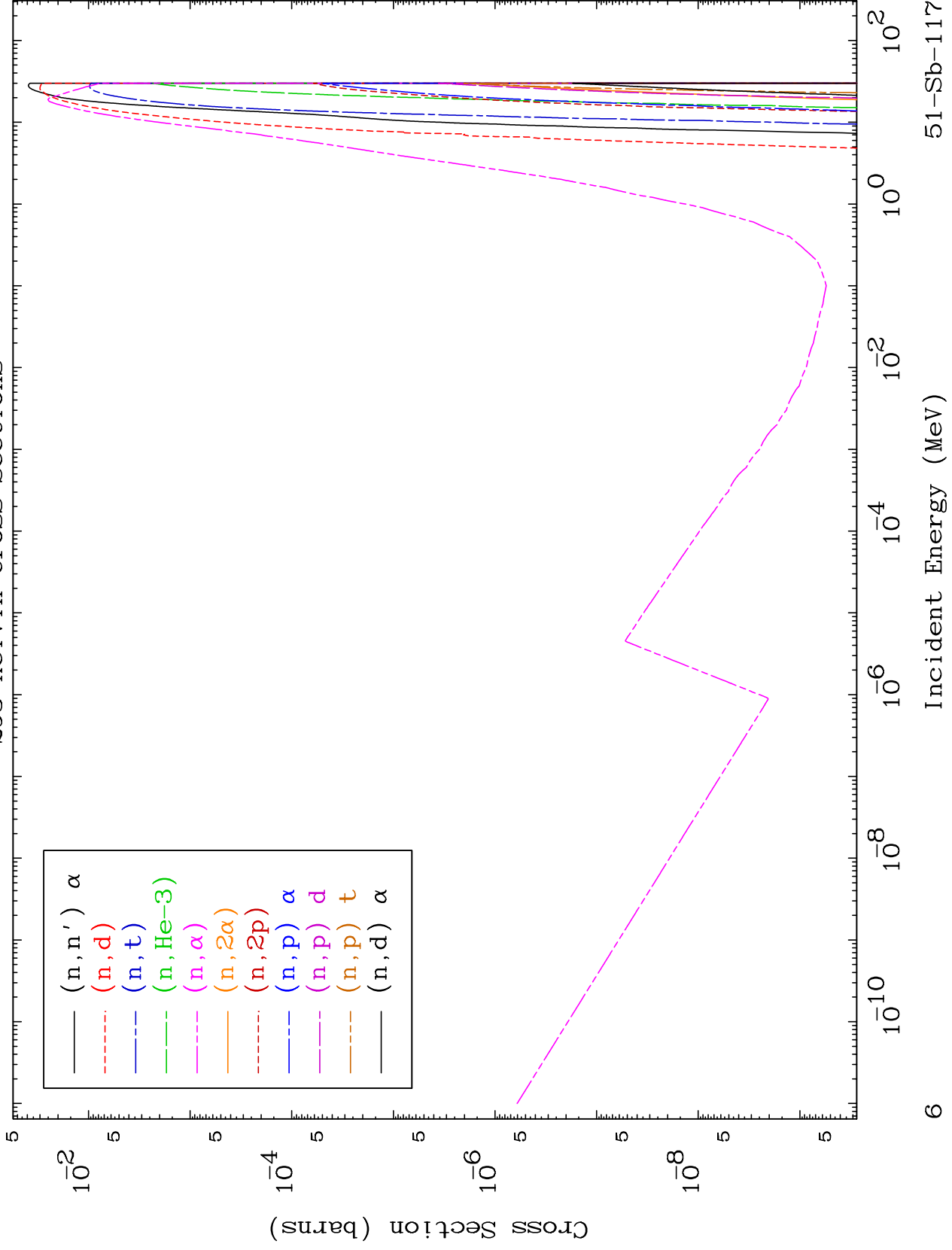
51-Sb-117



MAT 5113

Charged Particle
293 Kelvin Cross Sections

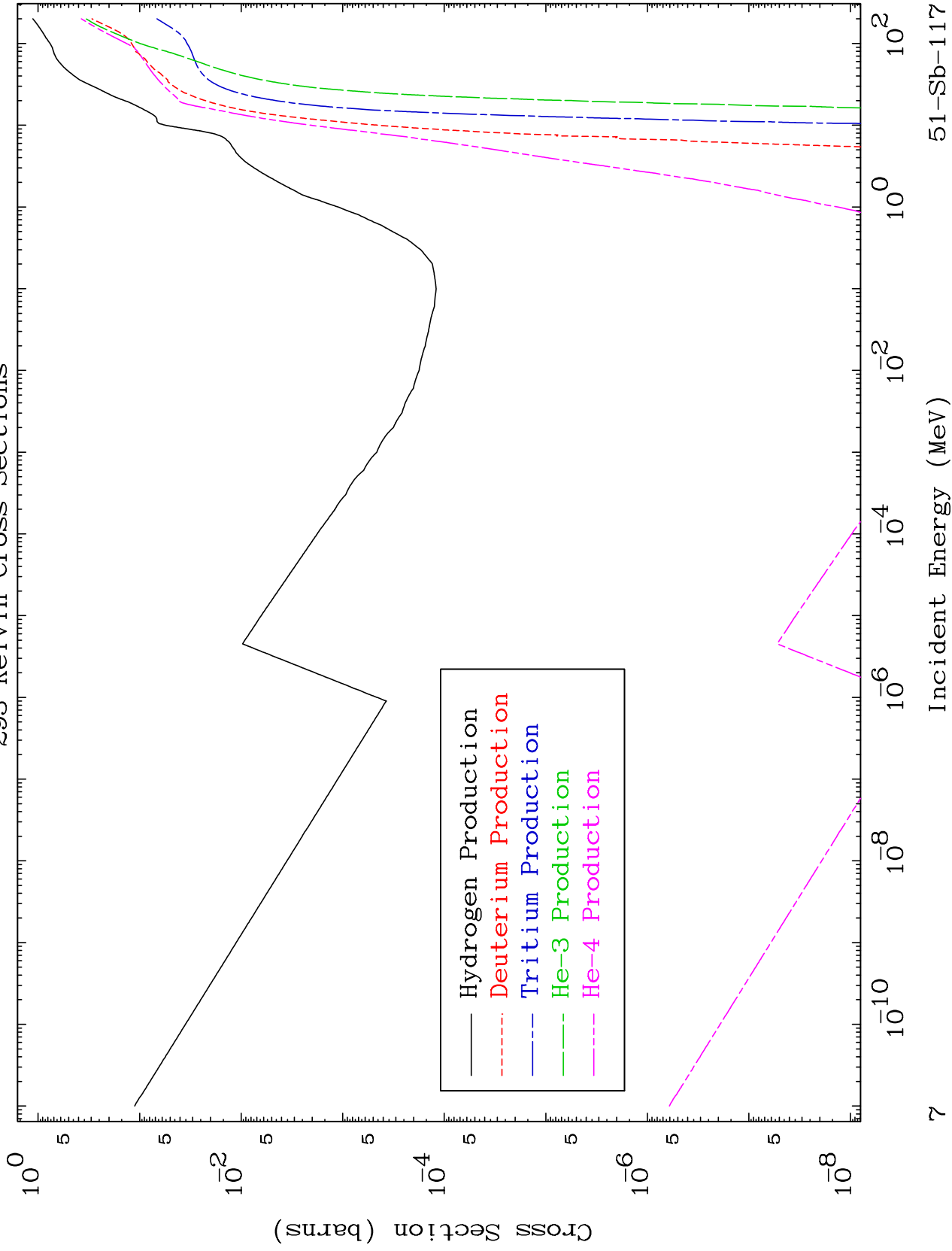
51-Sb-117



MAT 5113

Particle Production
293 Kelvin Cross Sections

51-Sb-117

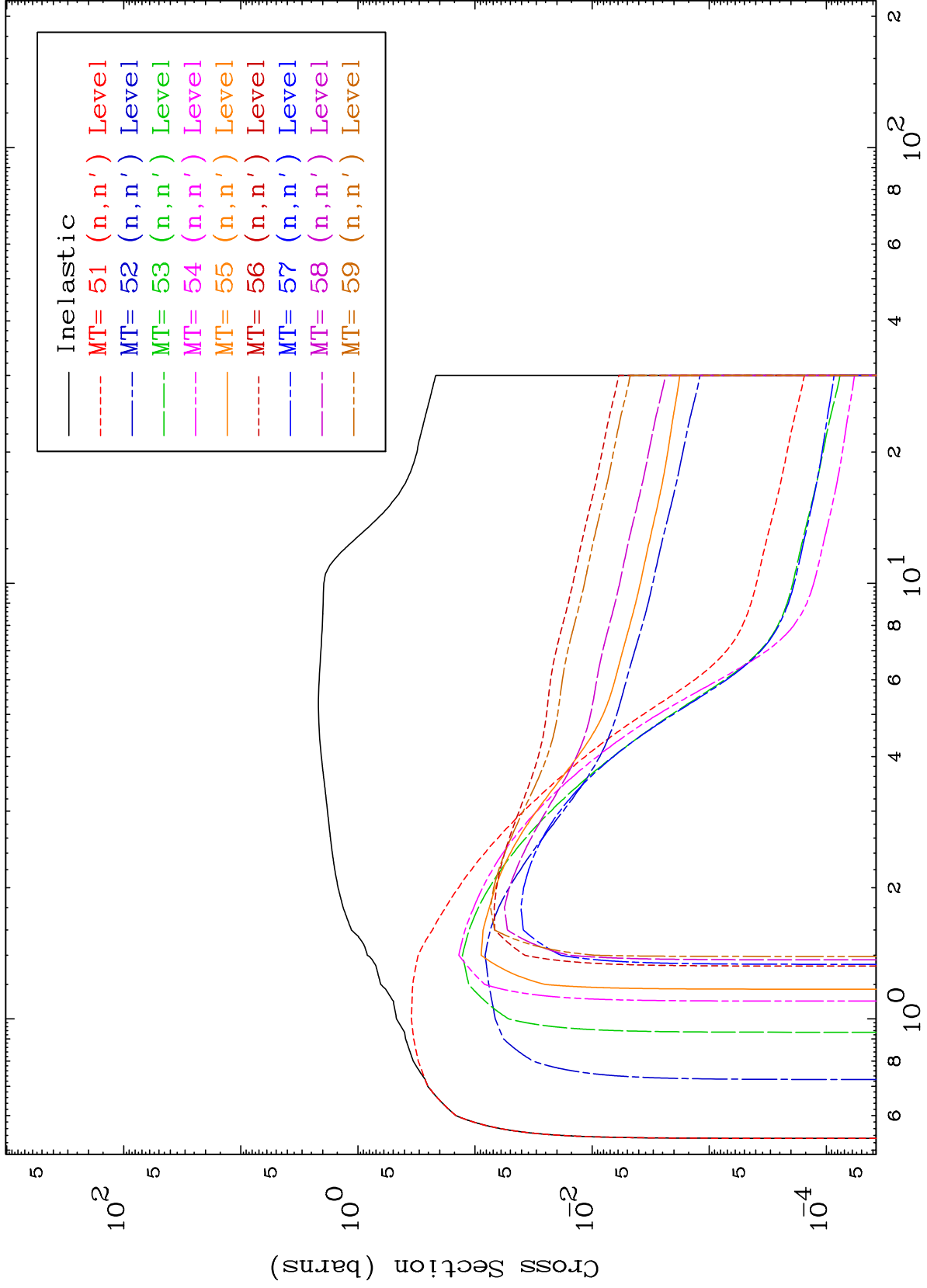


MAT 5113

(n,n') Levels

51-Sb-117

293 Kelvin Cross Sections

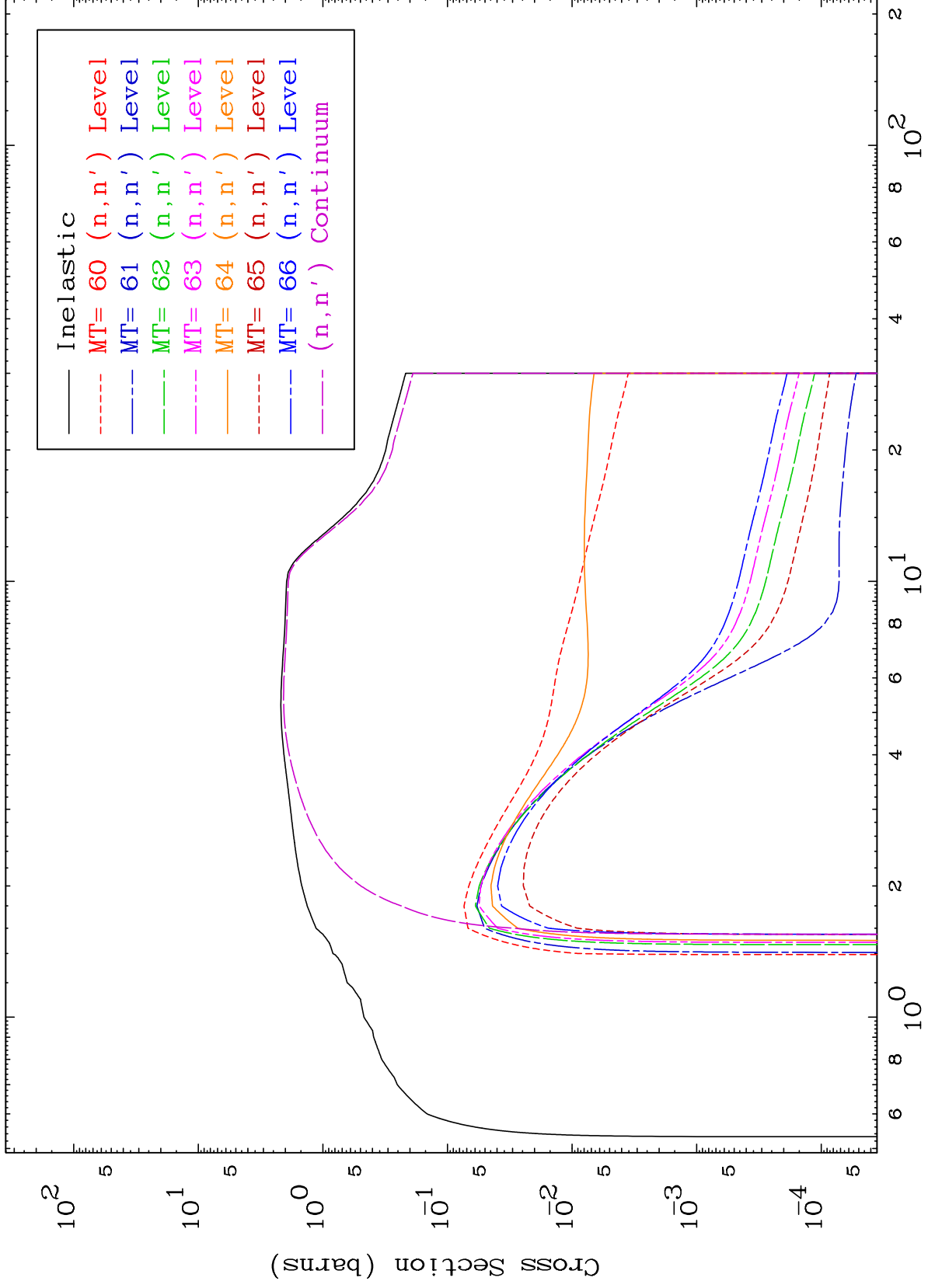


8

Incident Energy (MeV)

51-Sb-117

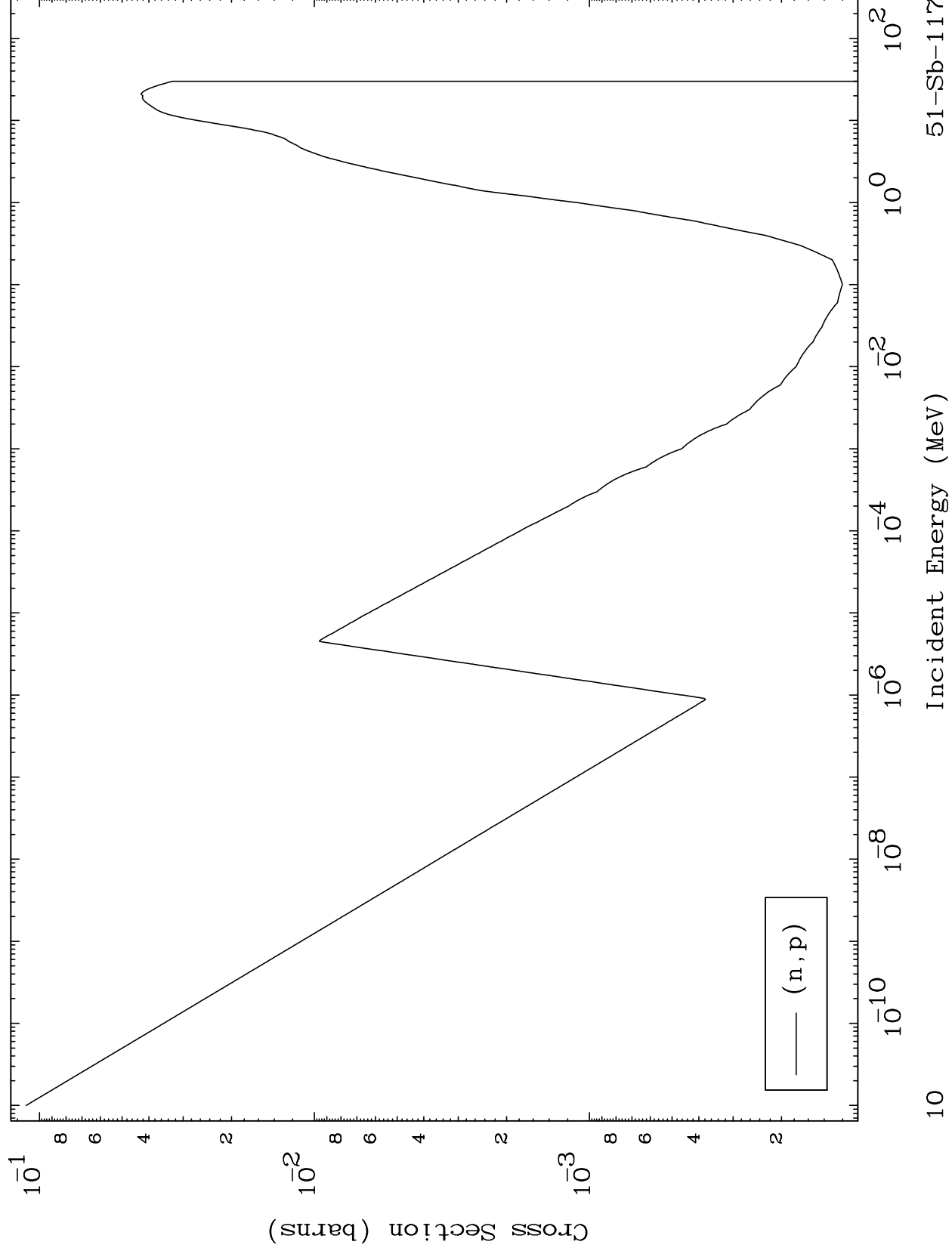
293 Kelvin Cross Sections



MAT 5113

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-117



10

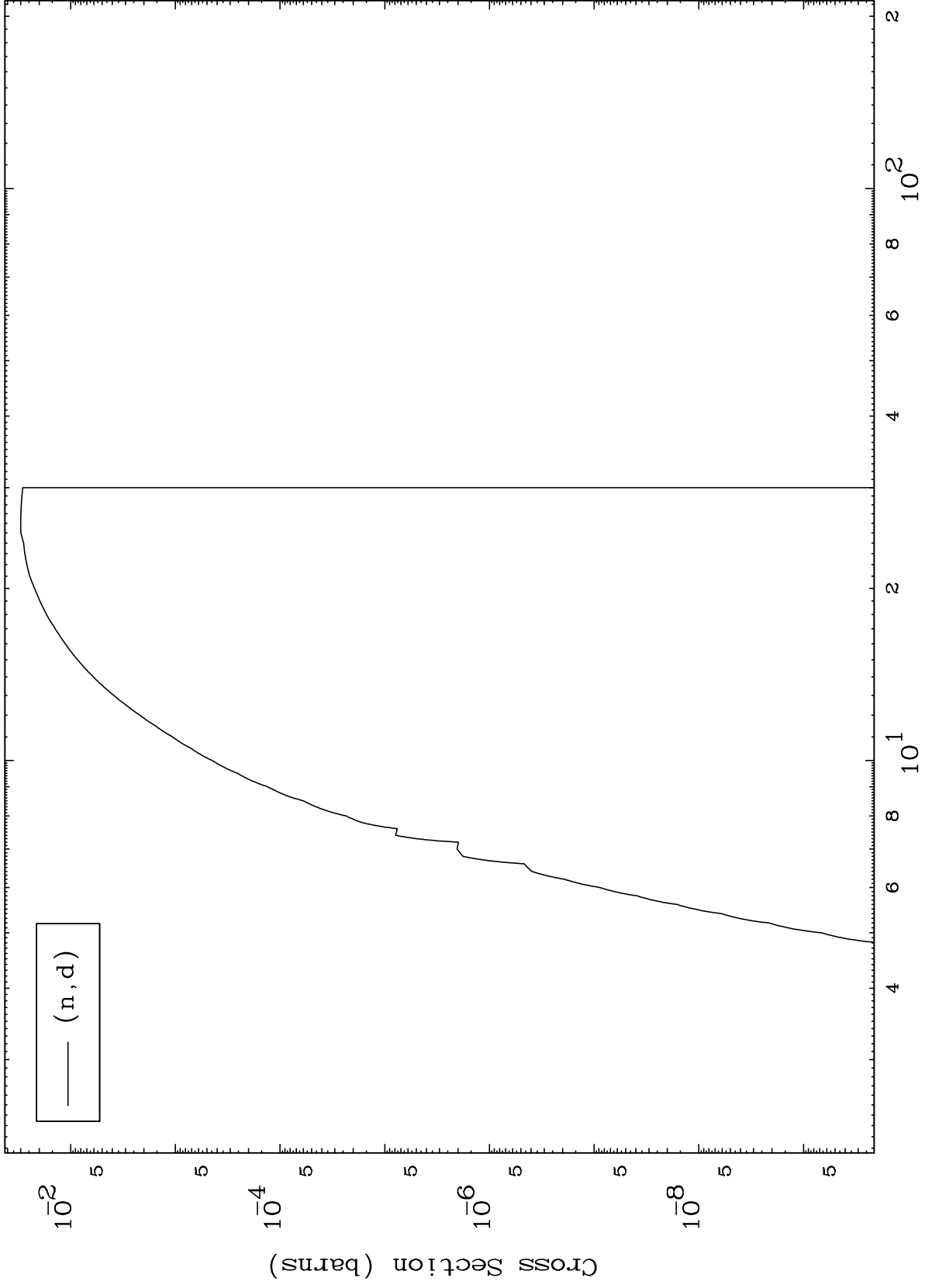
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n,d) Levels
293 Kelvin Cross Sections

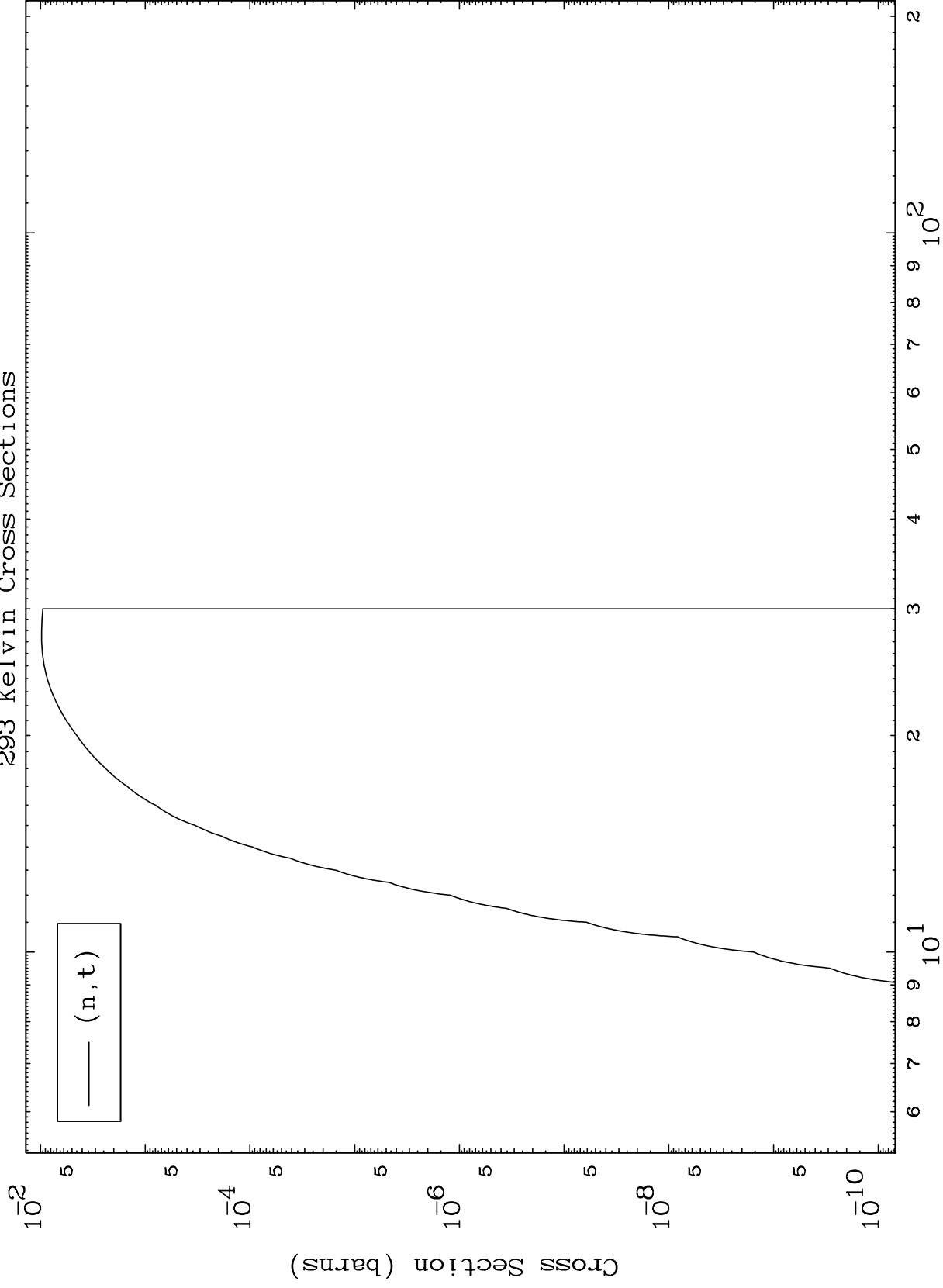
51-Sb-117



MAT 5113

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-117



12

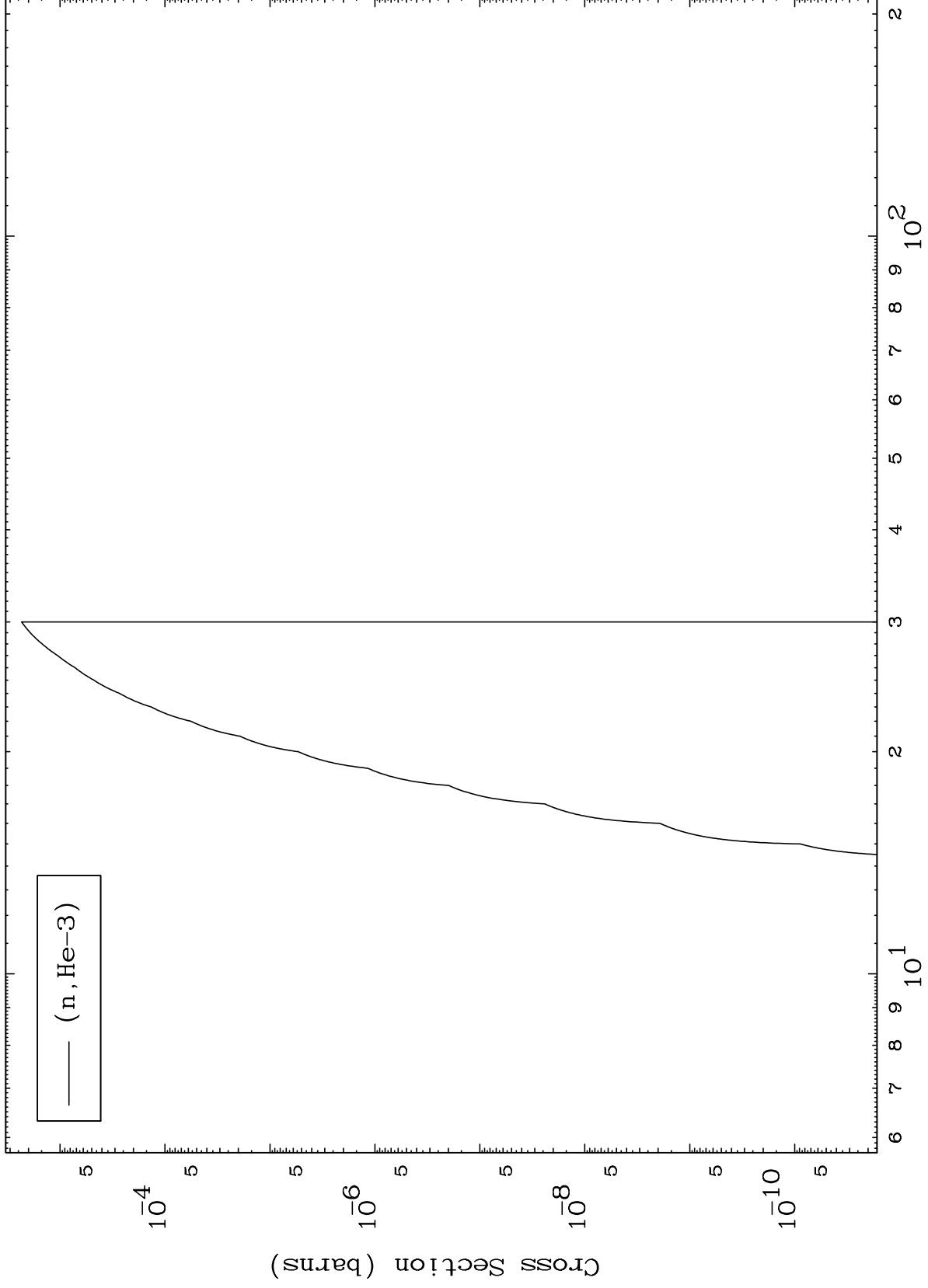
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-117



13

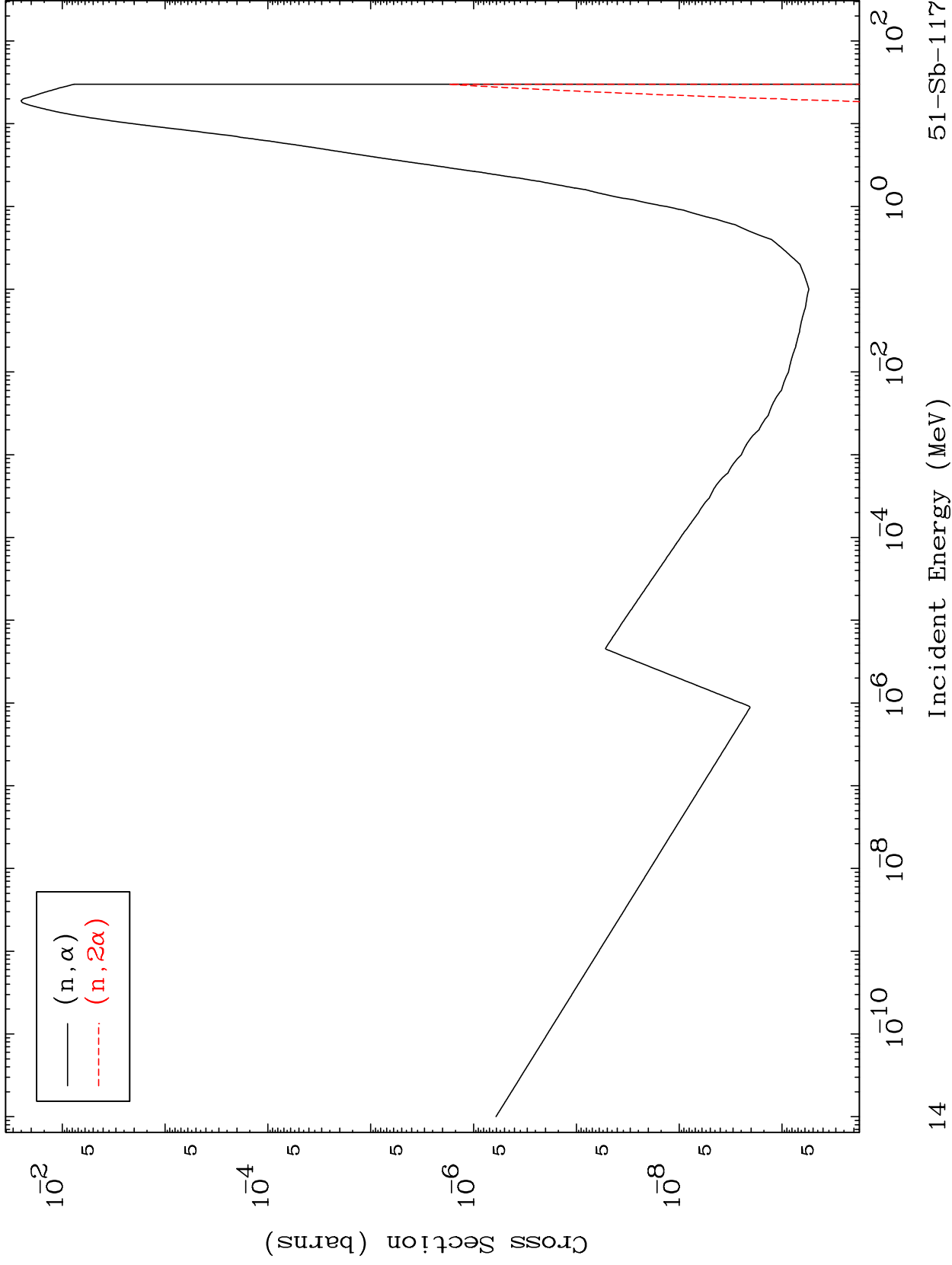
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n, α) Levels
293 Kelvin Cross Sections

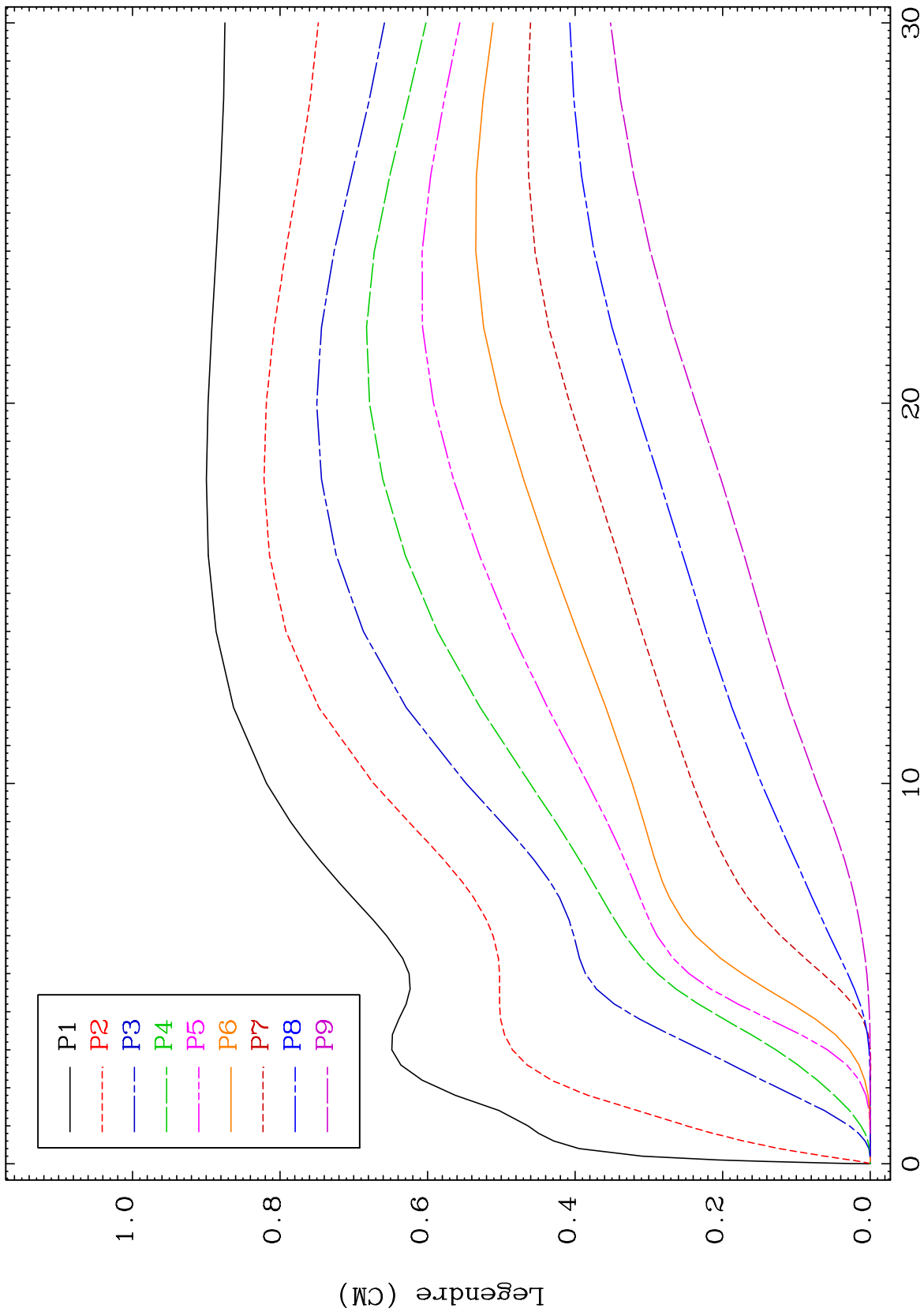
51-Sb-117



MAT 5113

Elastic Legendre Coefficients

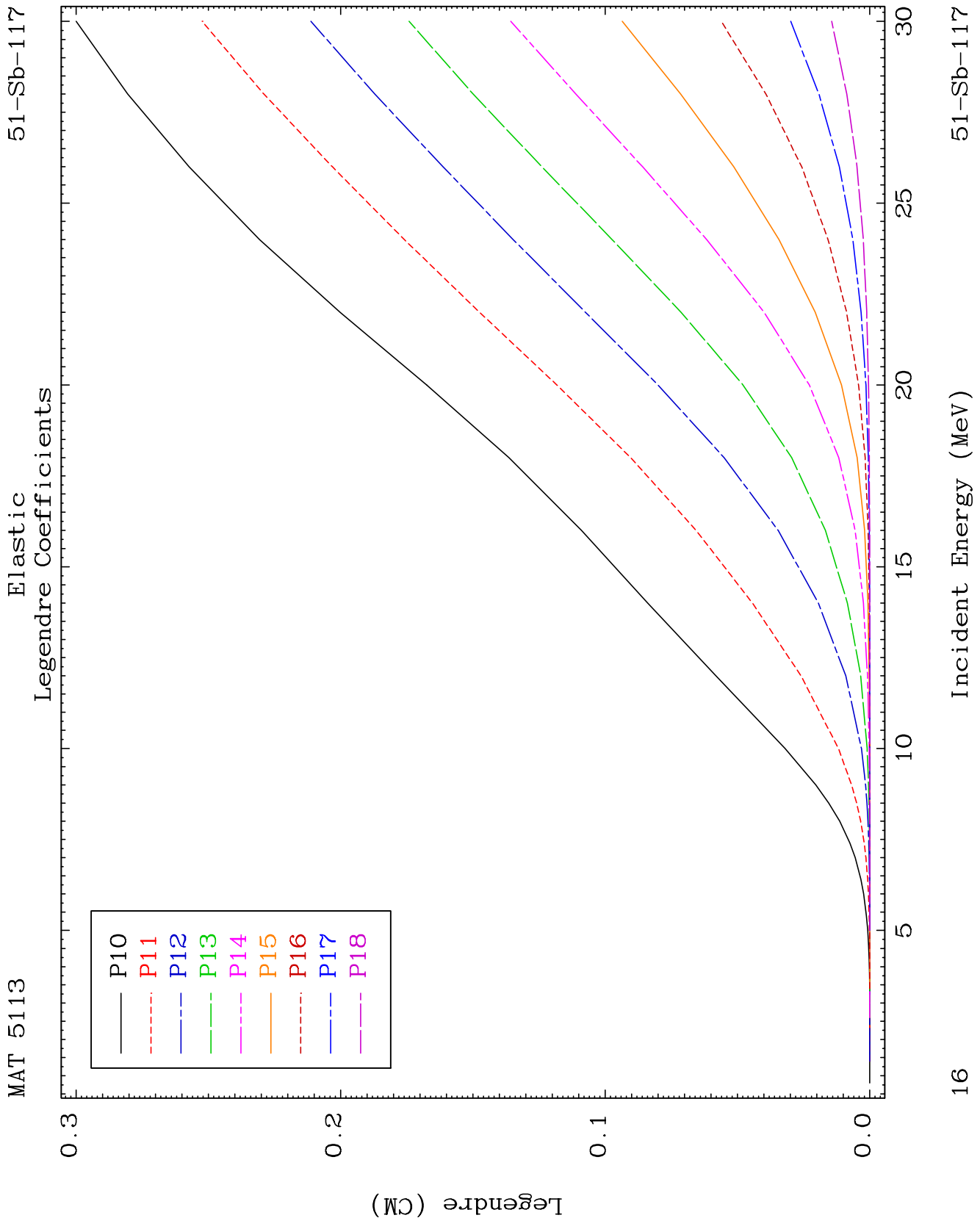
51-Sb-117



15

Incident Energy (MeV)

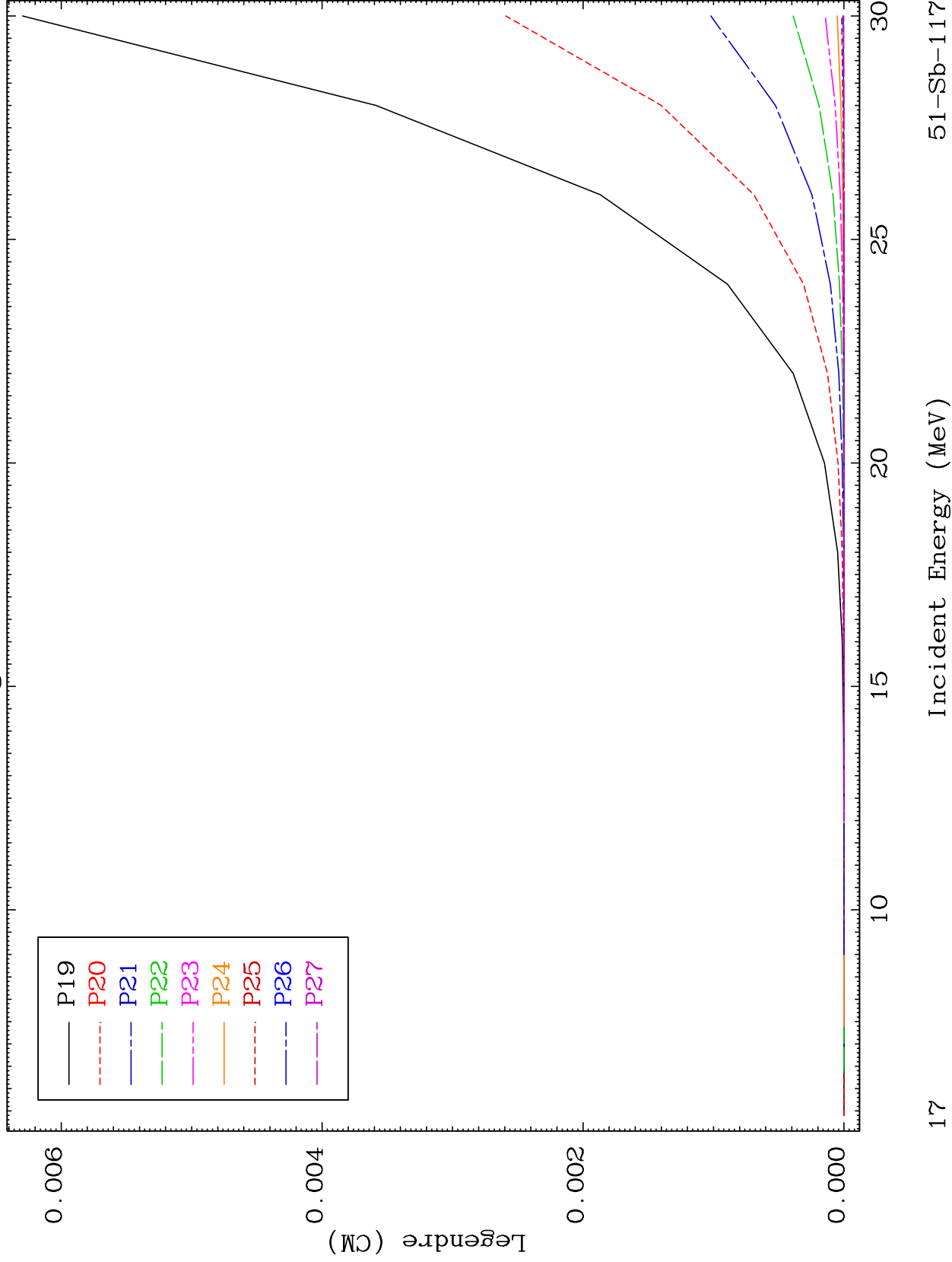
51-Sb-117



MAT 5113

Elastic Legendre Coefficients

51-Sb-117



17

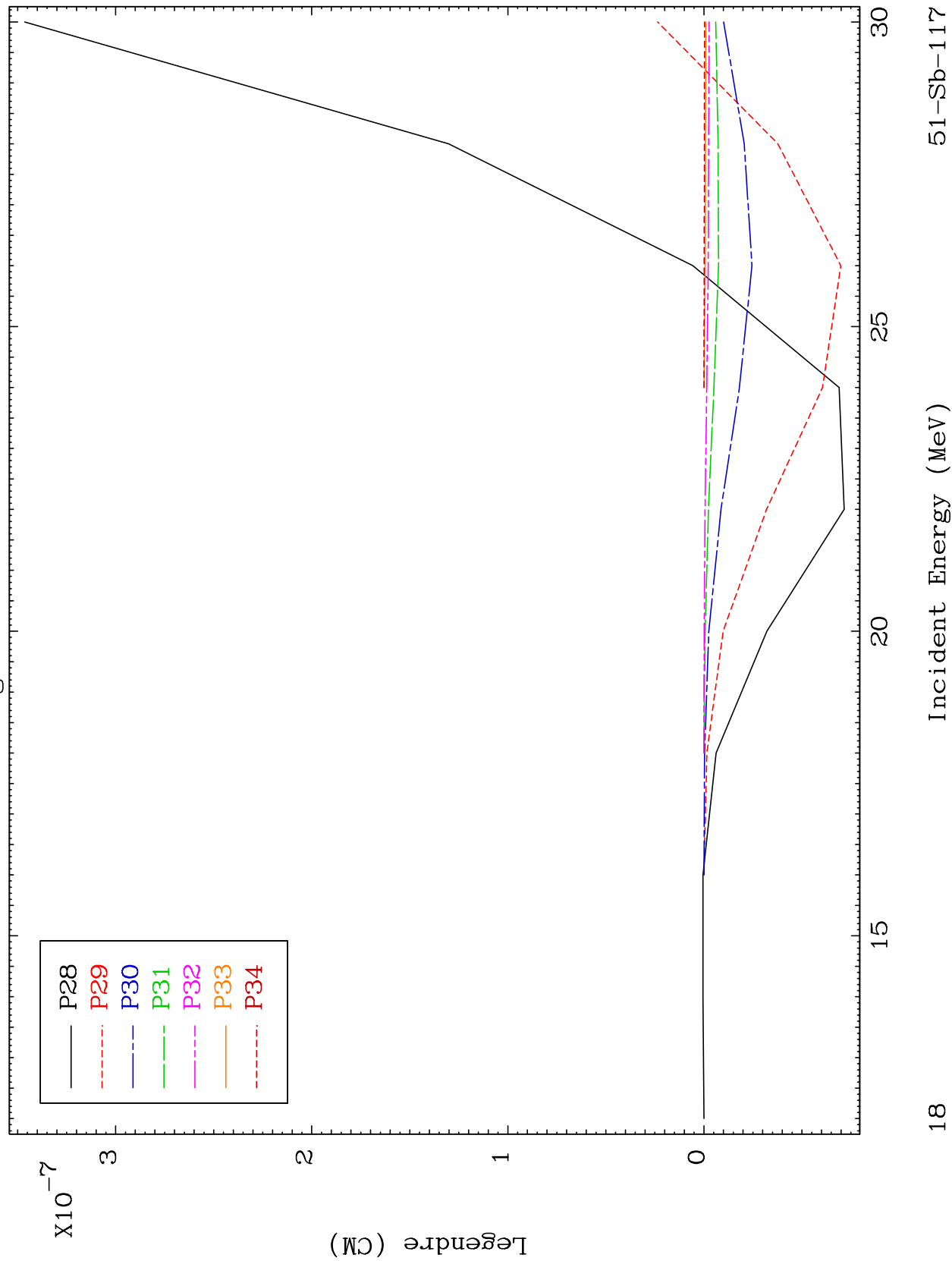
Incident Energy (MeV)

51-Sb-117

MAT 5113

Elastic Legendre Coefficients

51-Sb-117



18

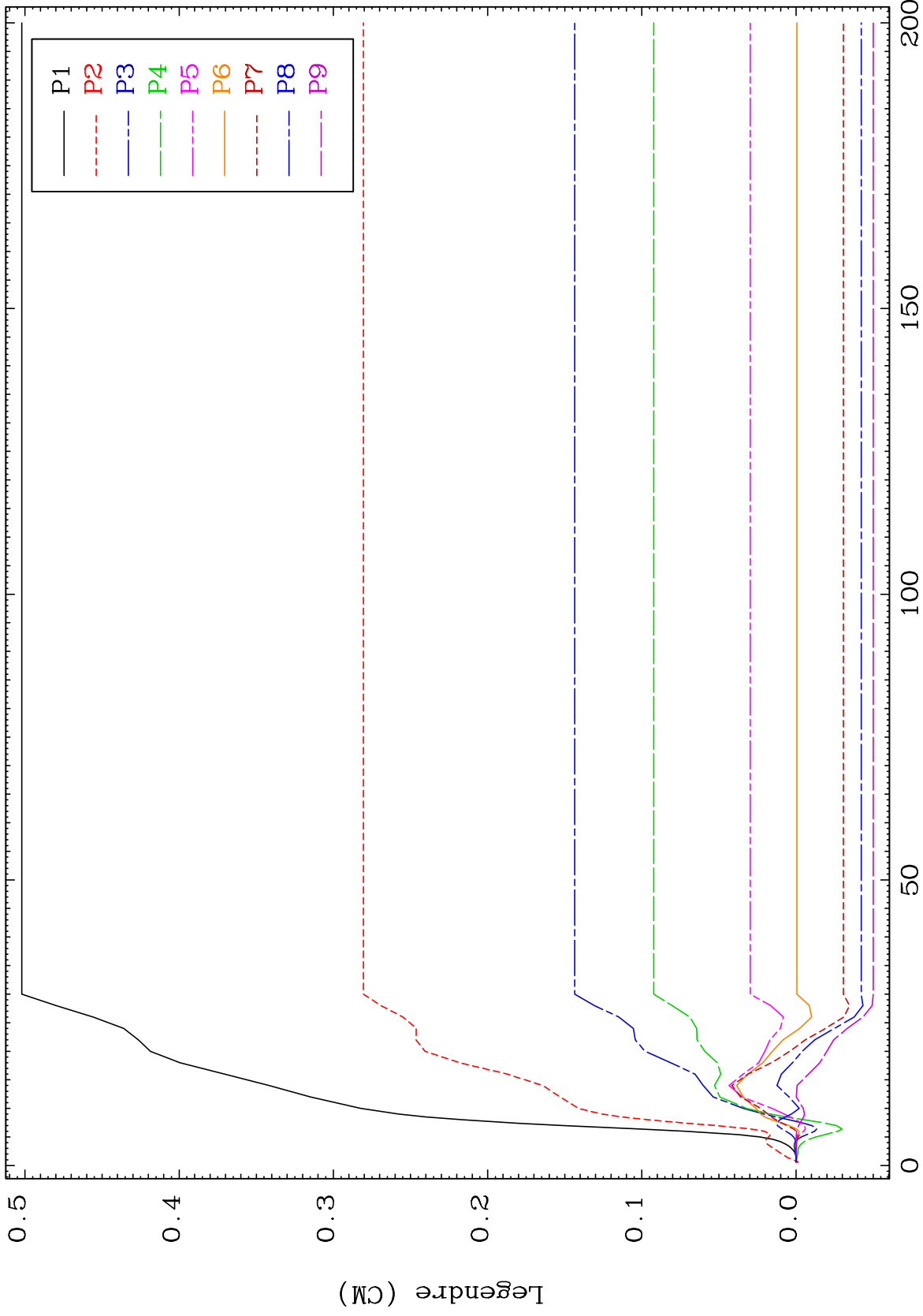
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

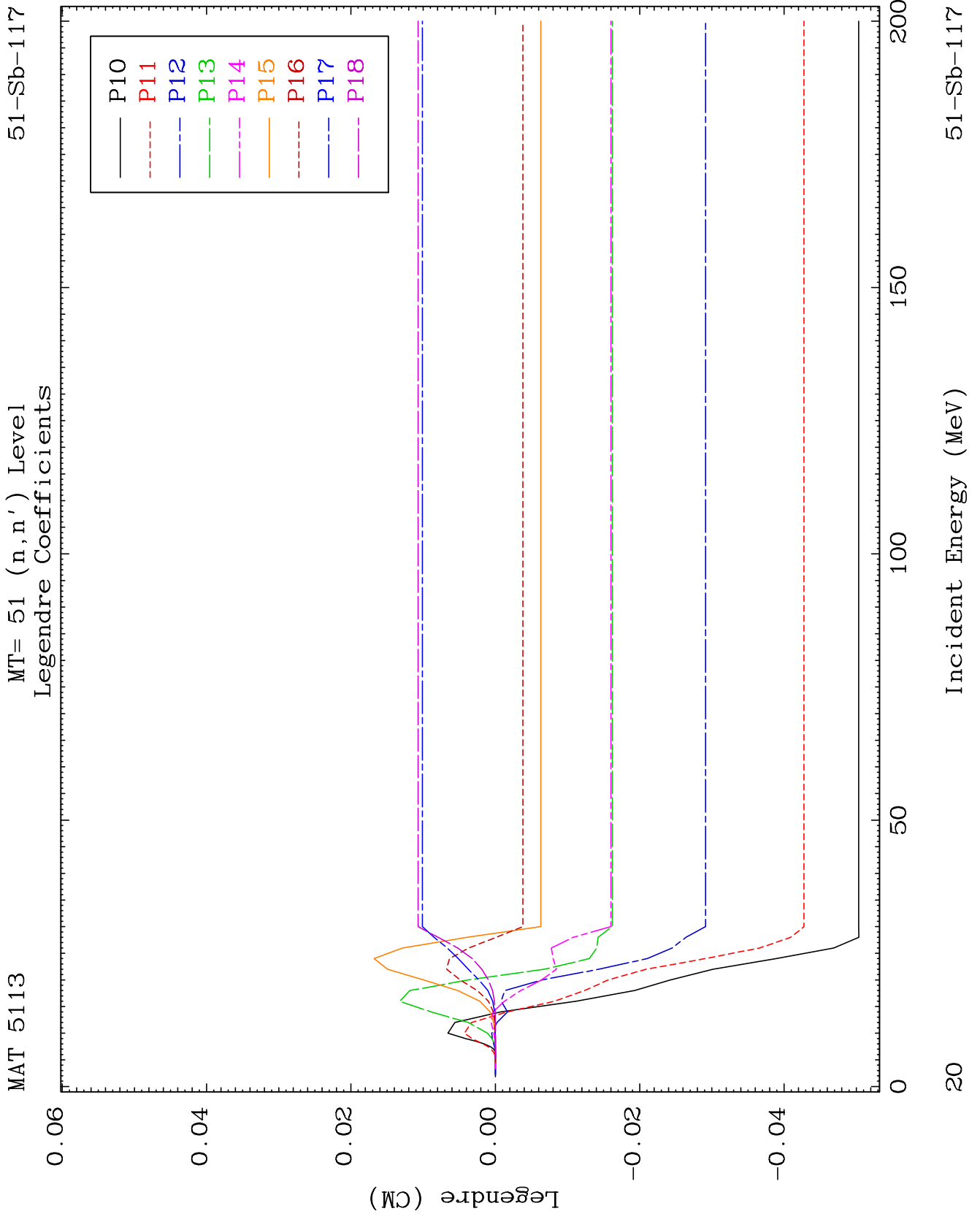
51-Sb-117



19

Incident Energy (MeV)

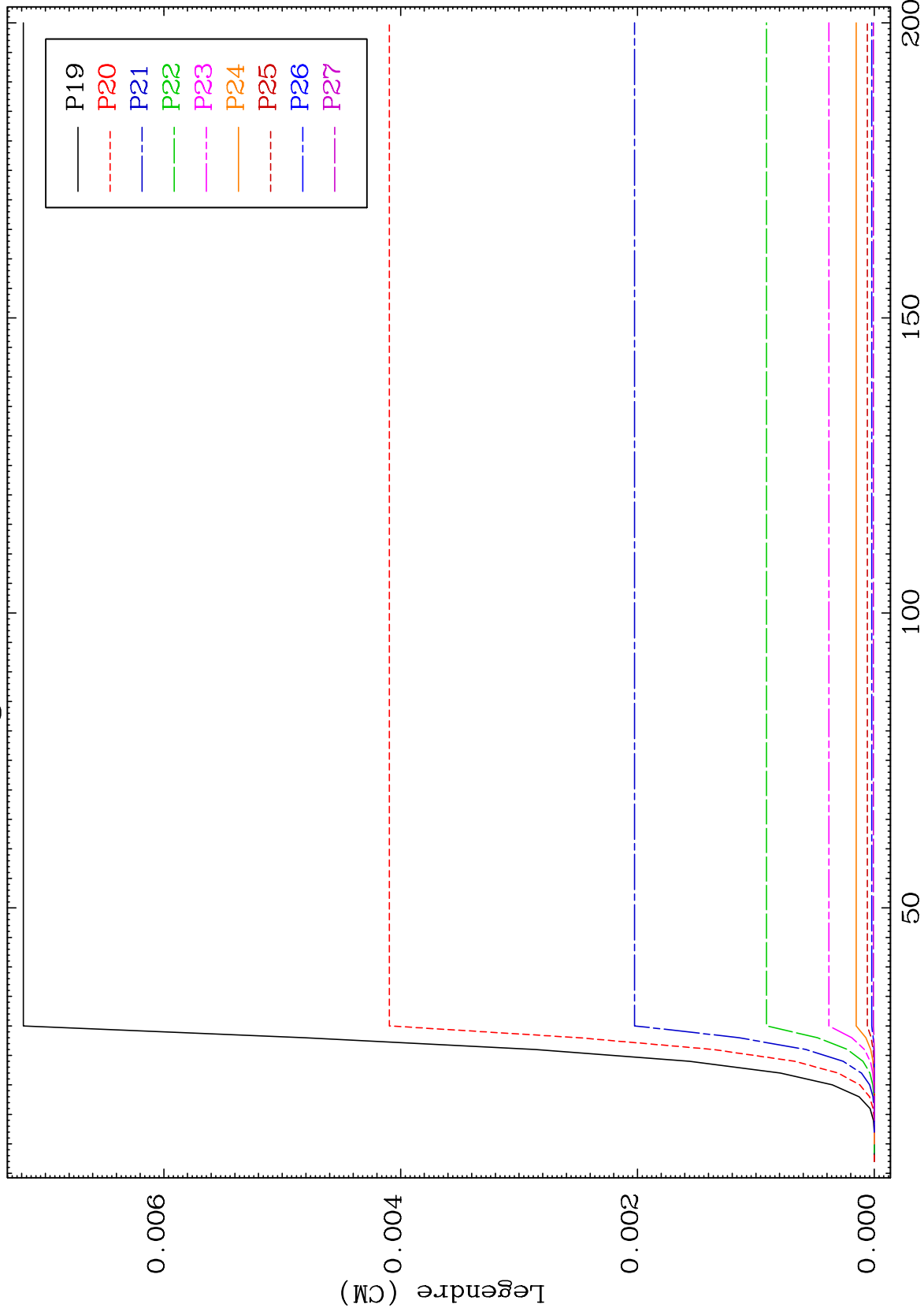
51-Sb-117



MAT 5113

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

51-Sb-117



21

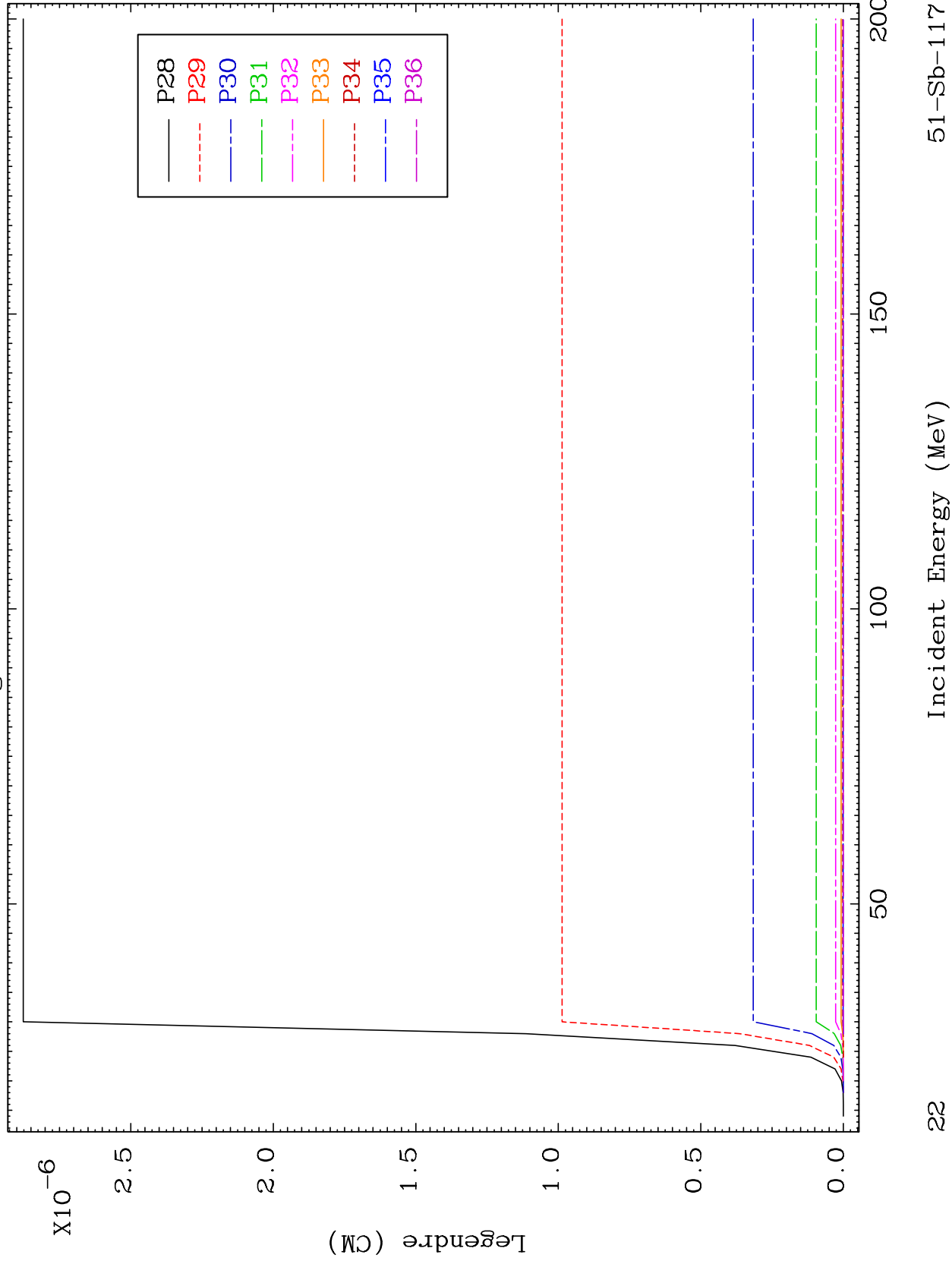
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



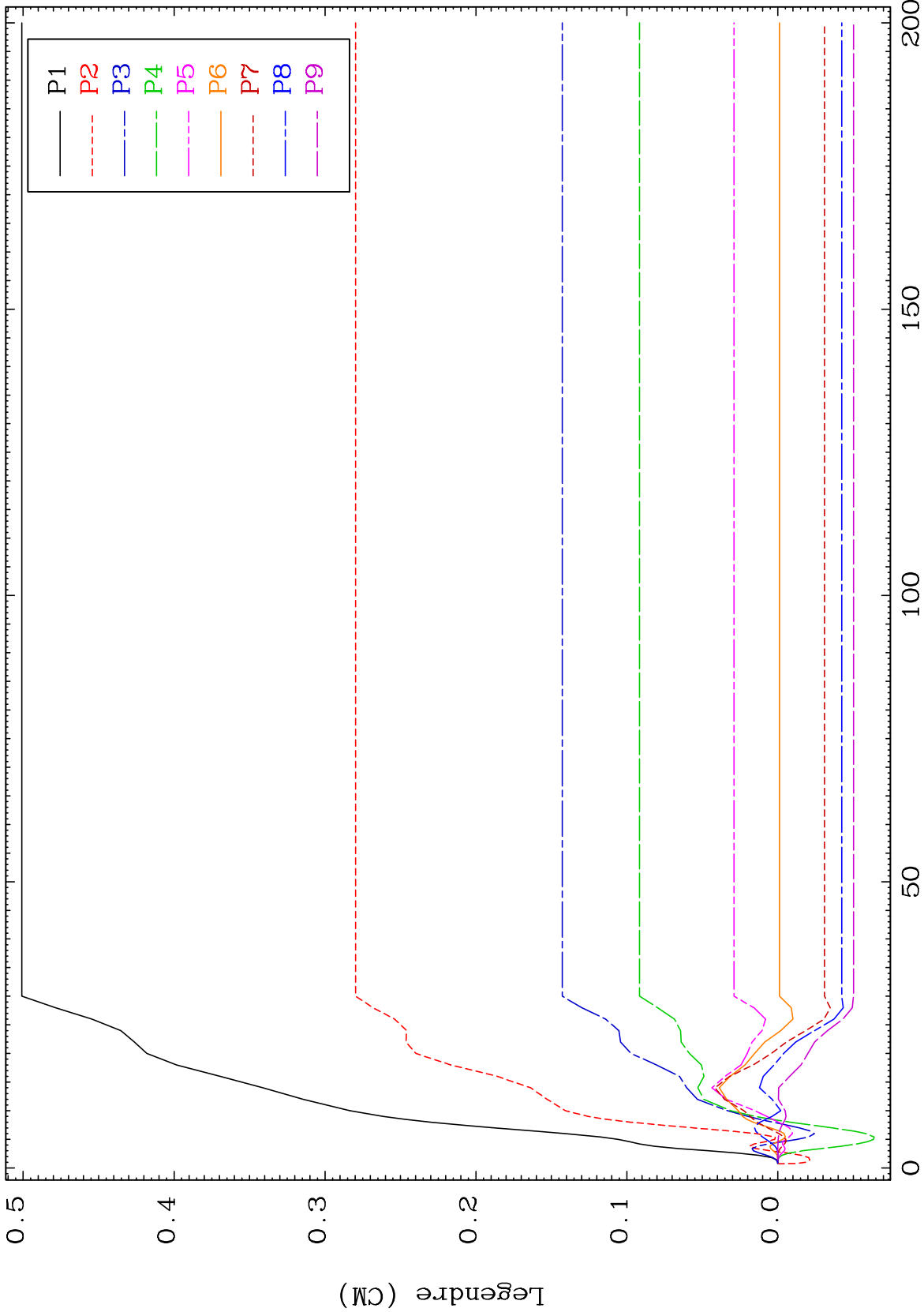
22

MAT 5113

MT= 52 (n,n') Level

51-Sb-117

Legendre Coefficients



23

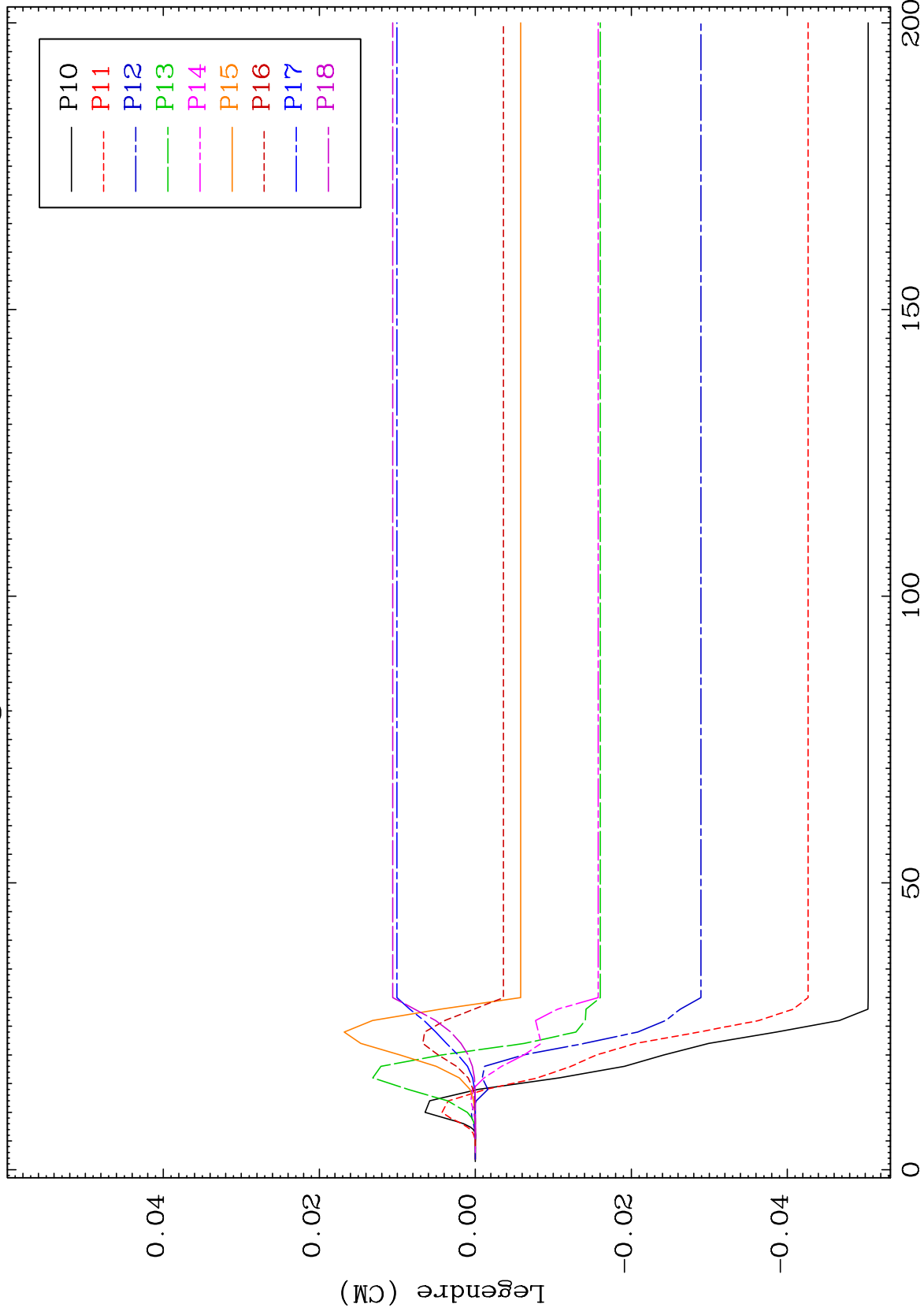
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



24

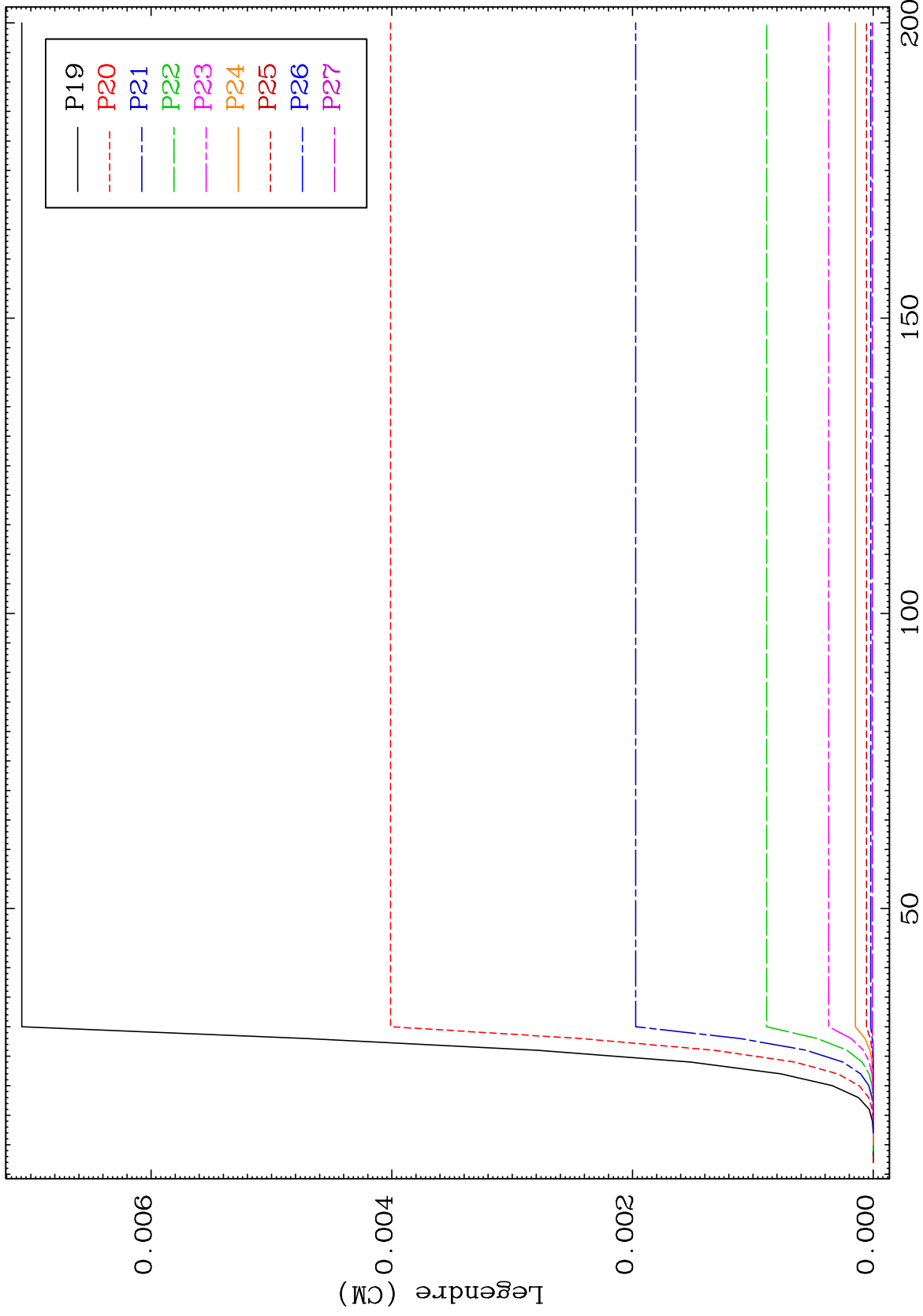
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



25

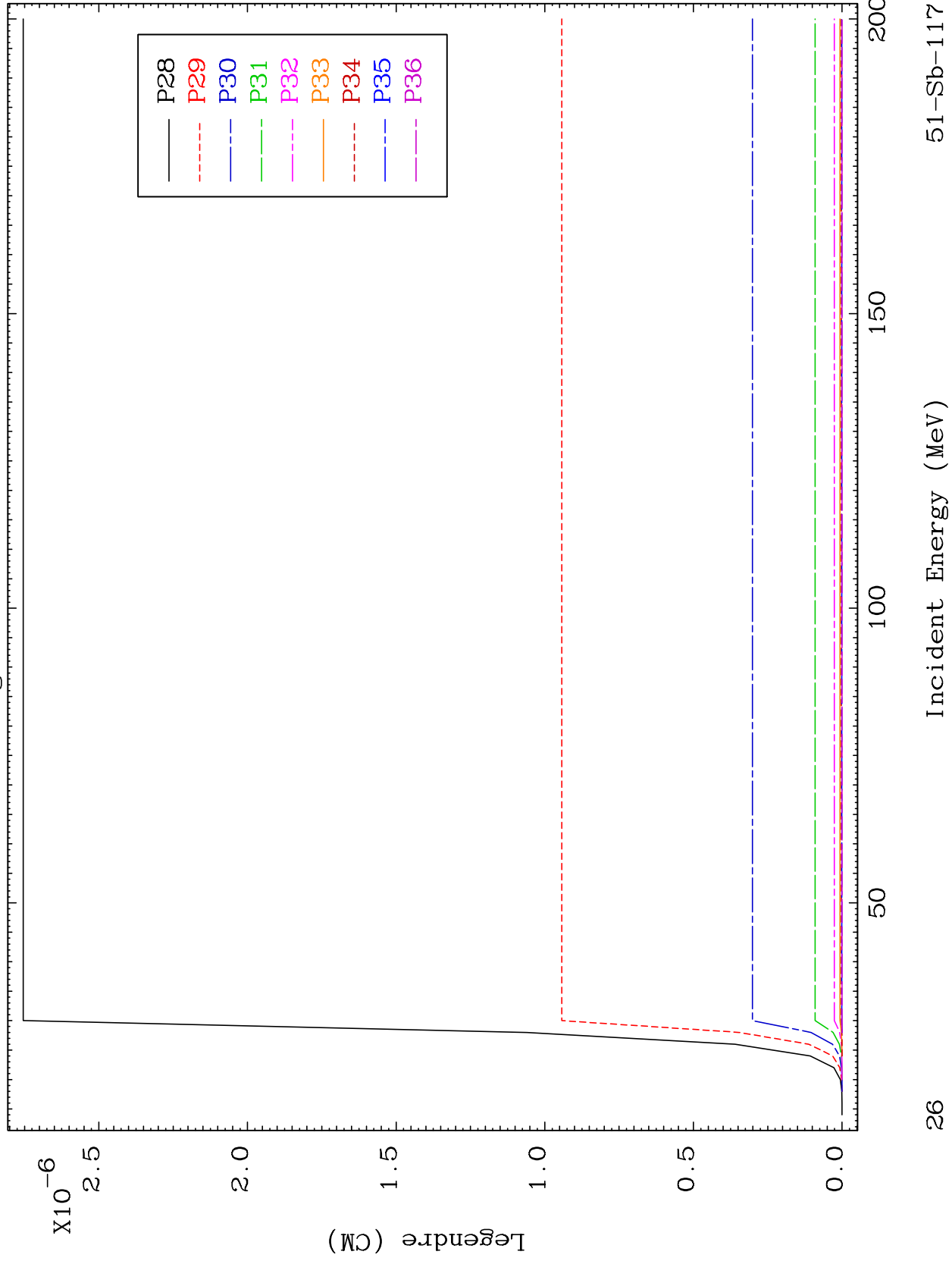
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



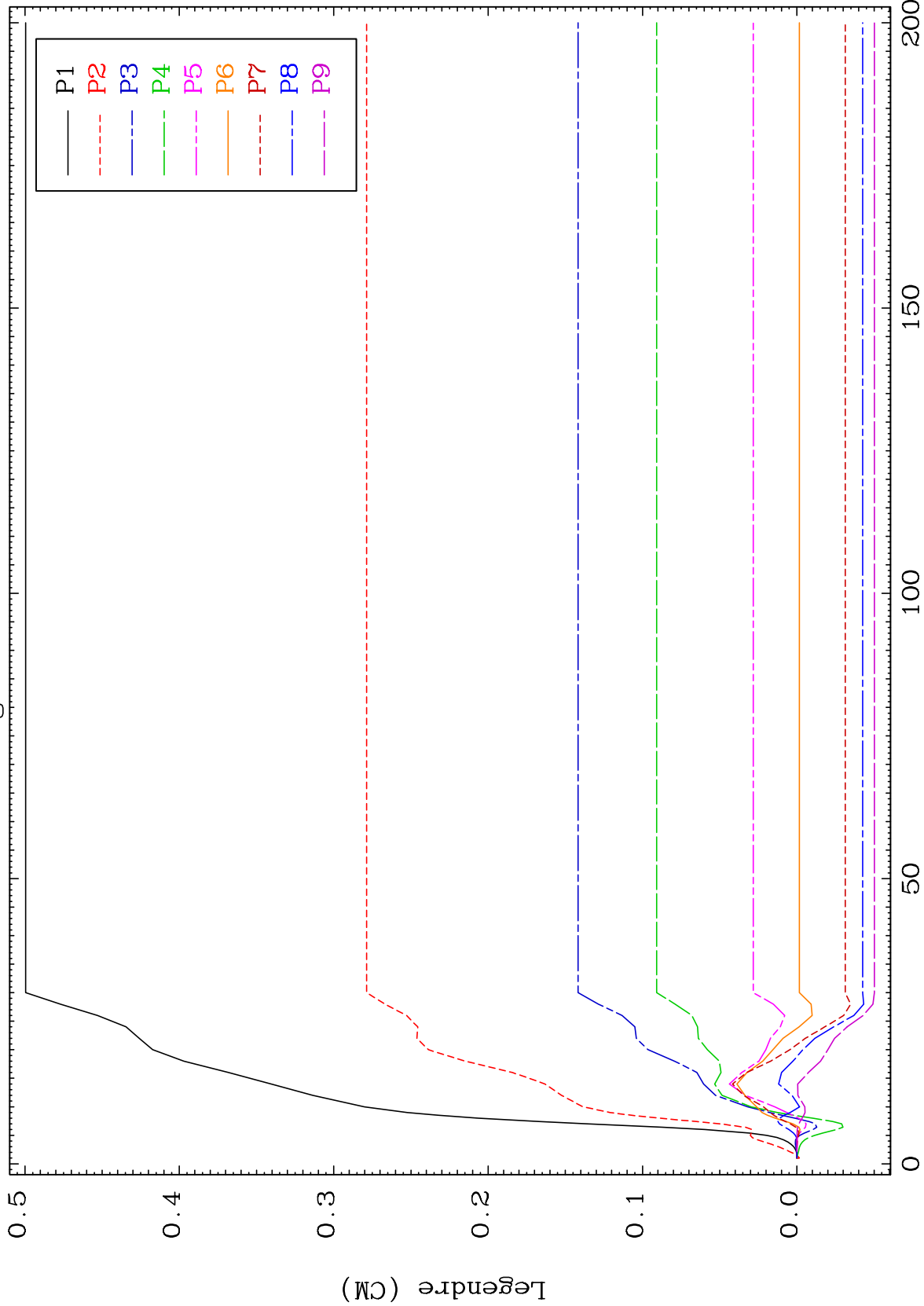
26

MAT 5113

MT= 53 (n,n') Level

51-Sb-117

Legendre Coefficients



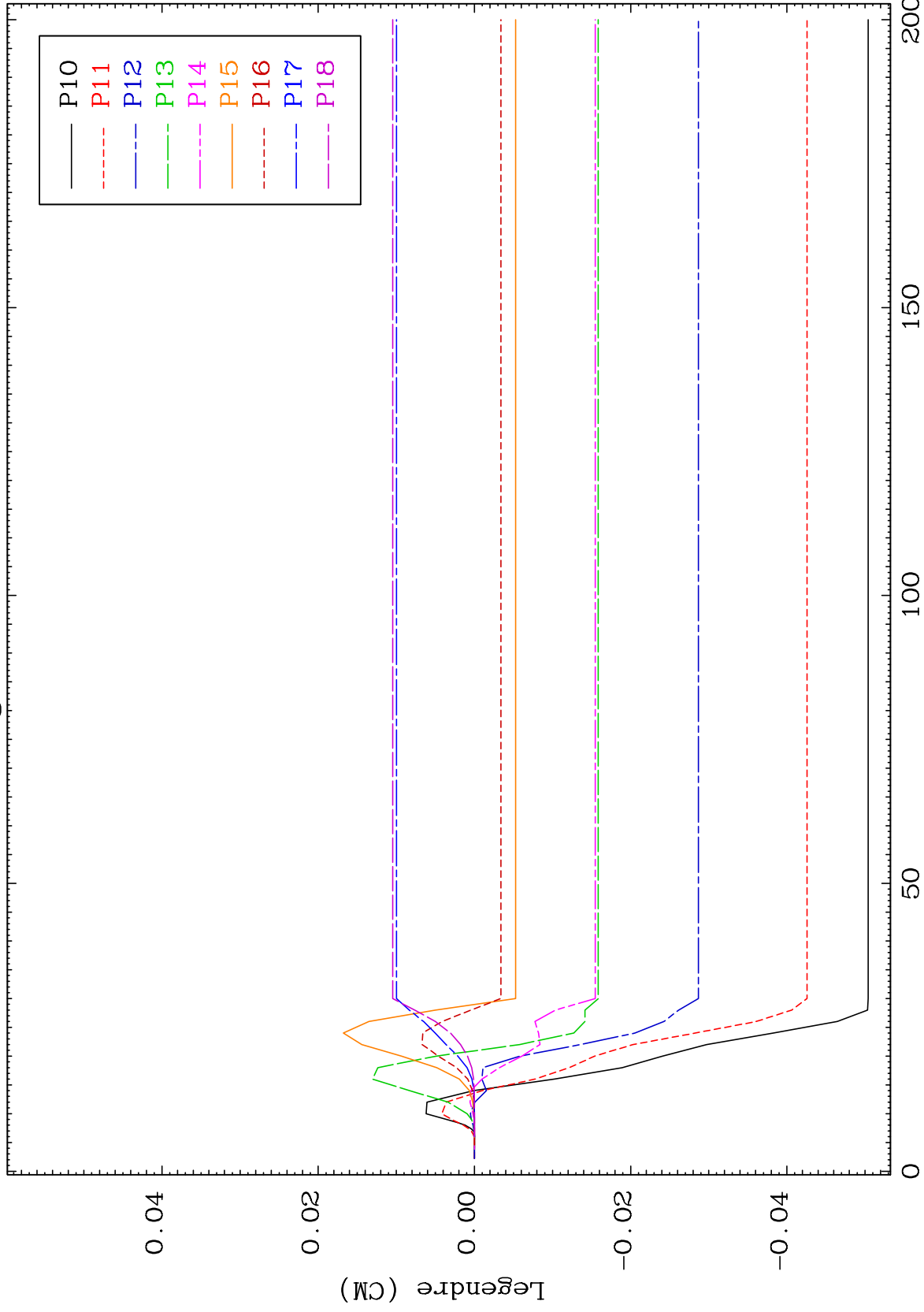
27

51-Sb-117

MAT 5113

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

51-Sb-117



28

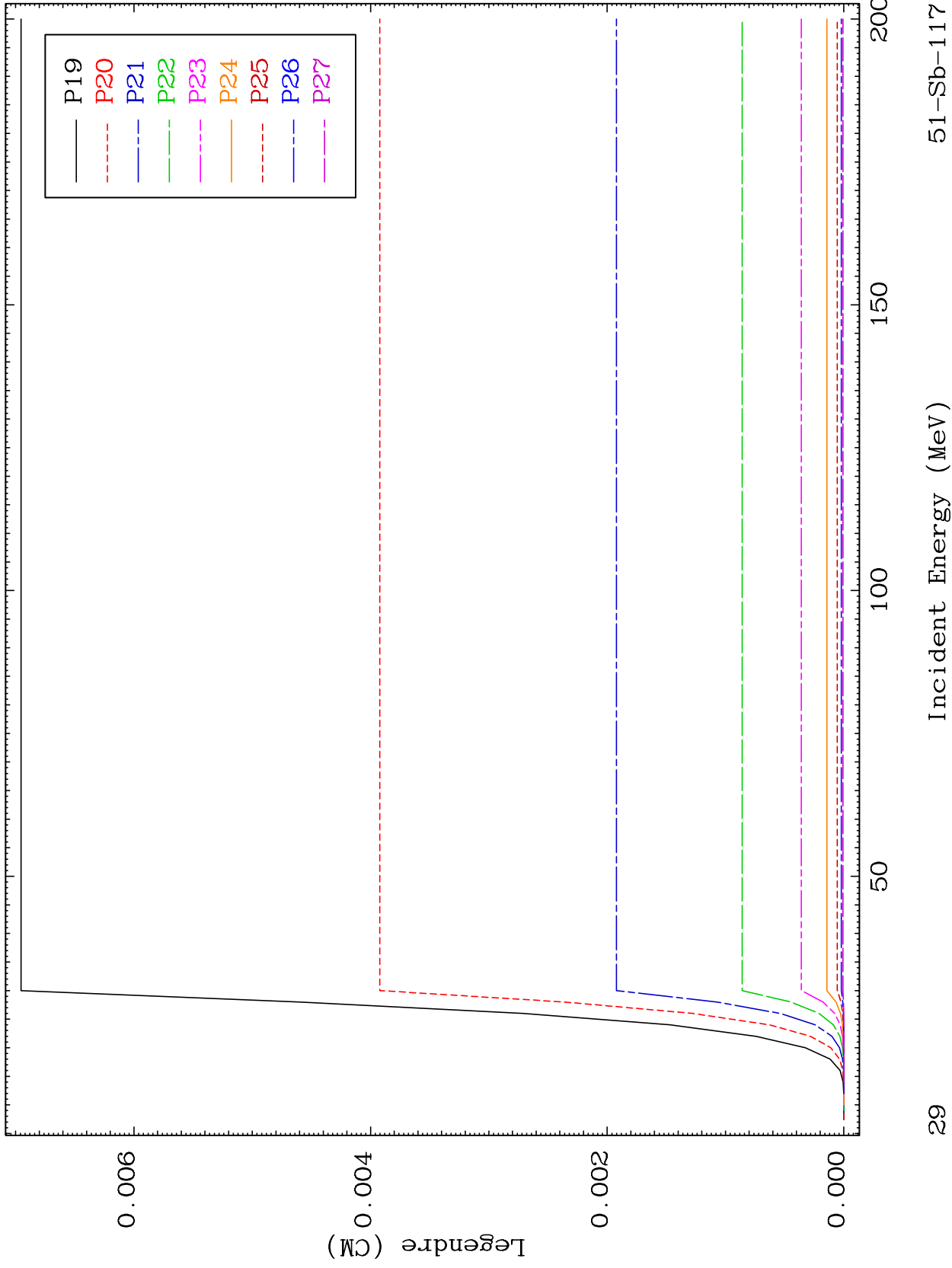
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



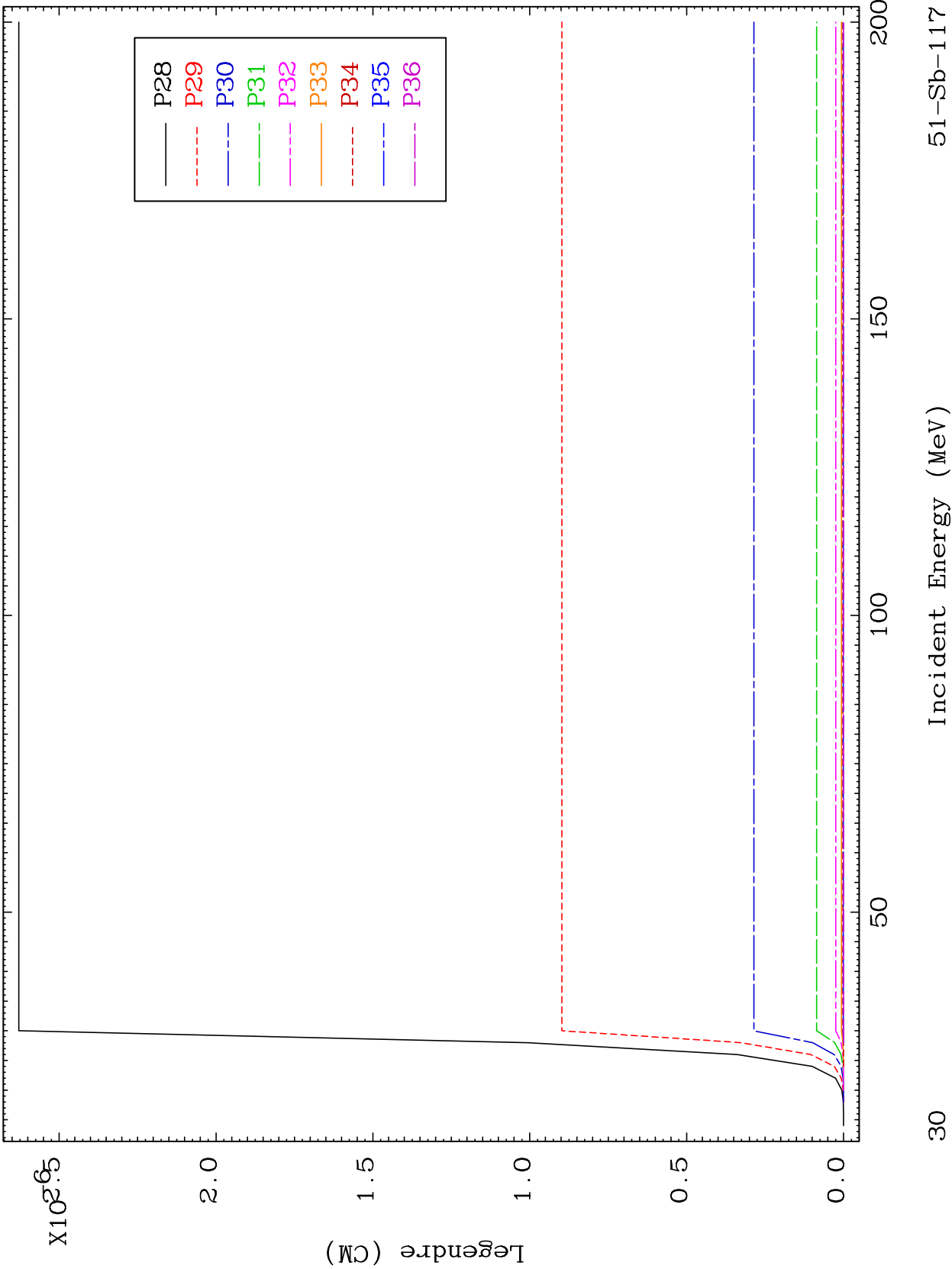
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51-Sb-117

MAT 5113

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

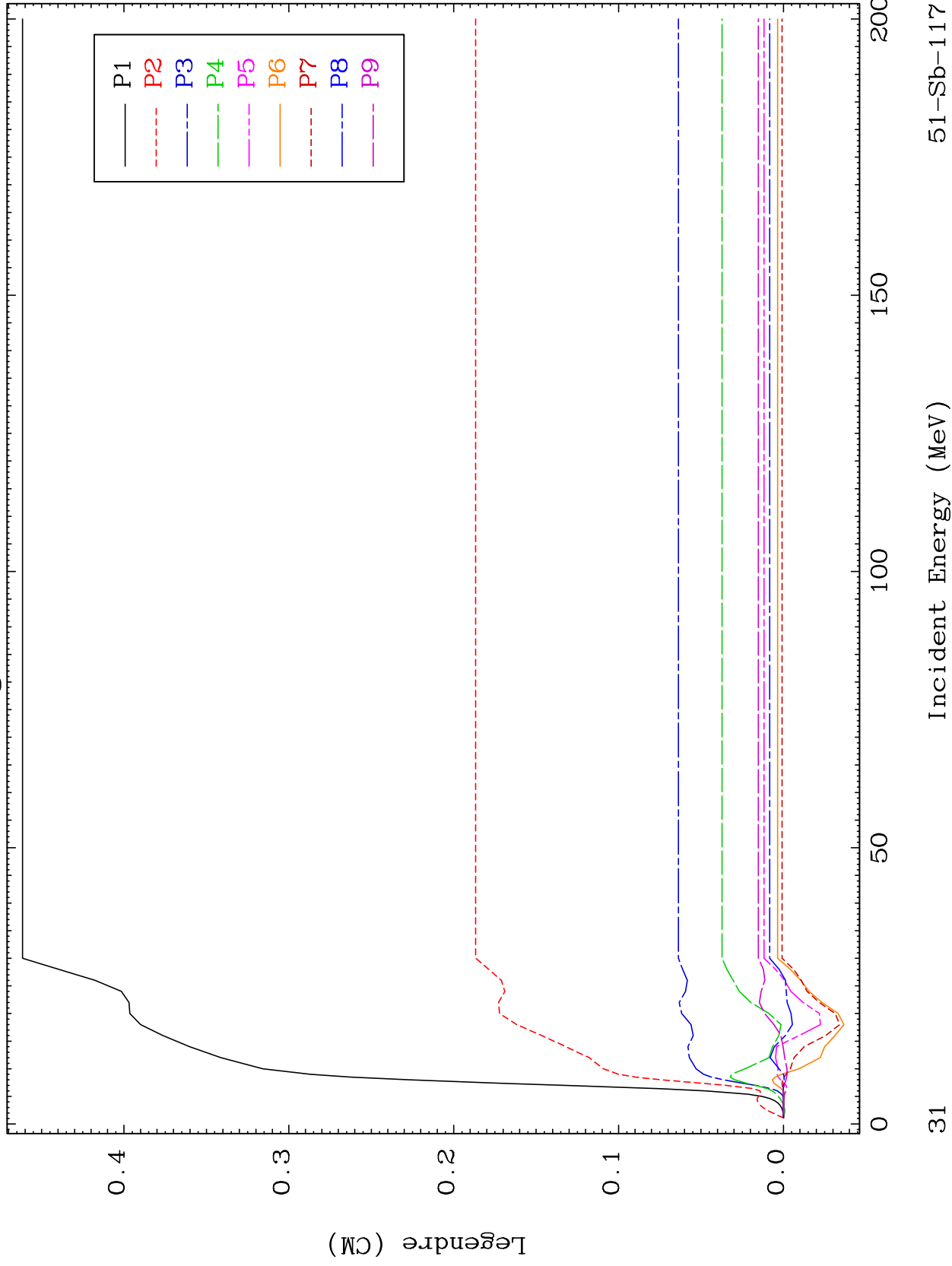
51-Sb-117



MAT 5113

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

51-Sb-117



31

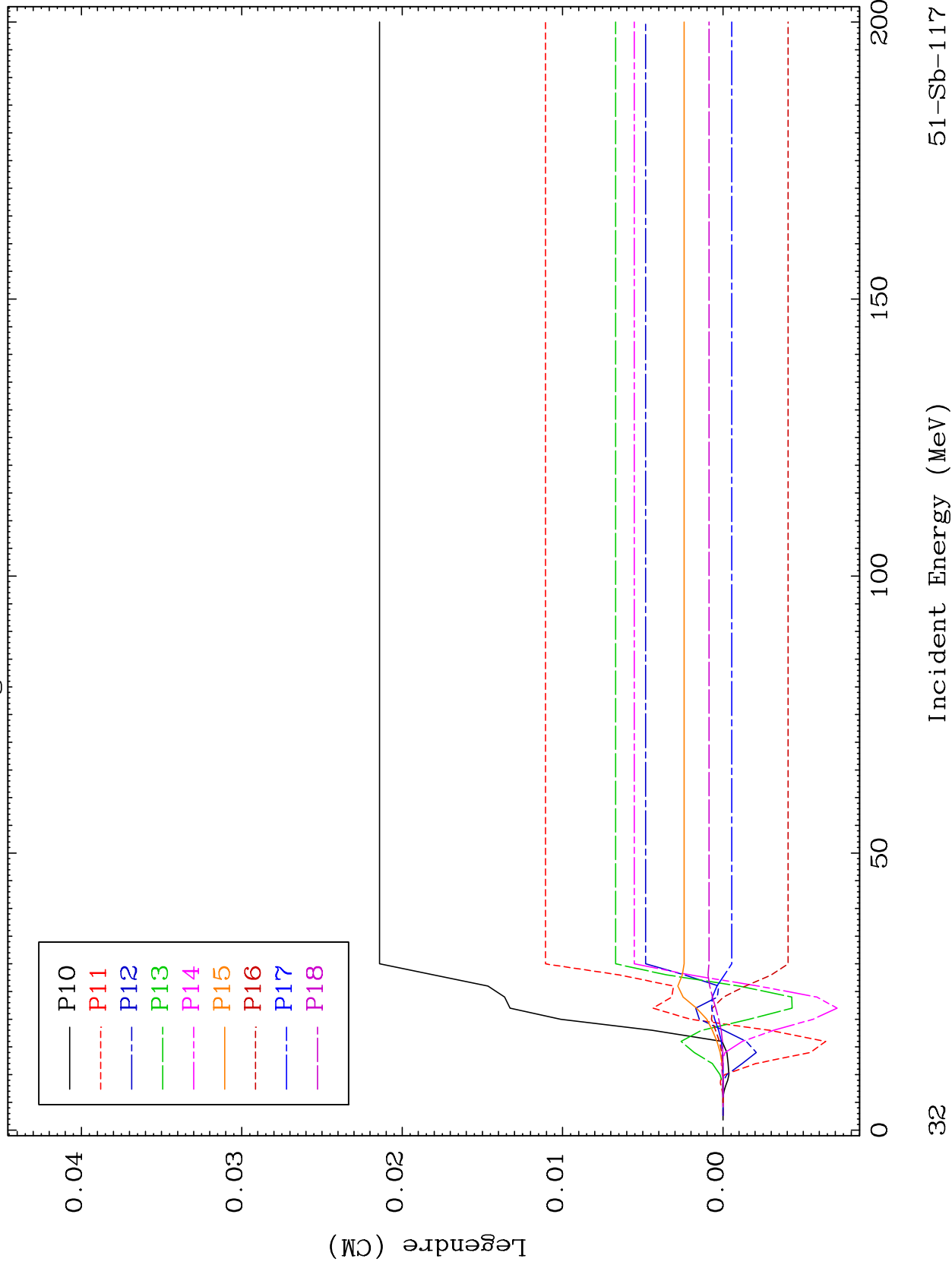
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

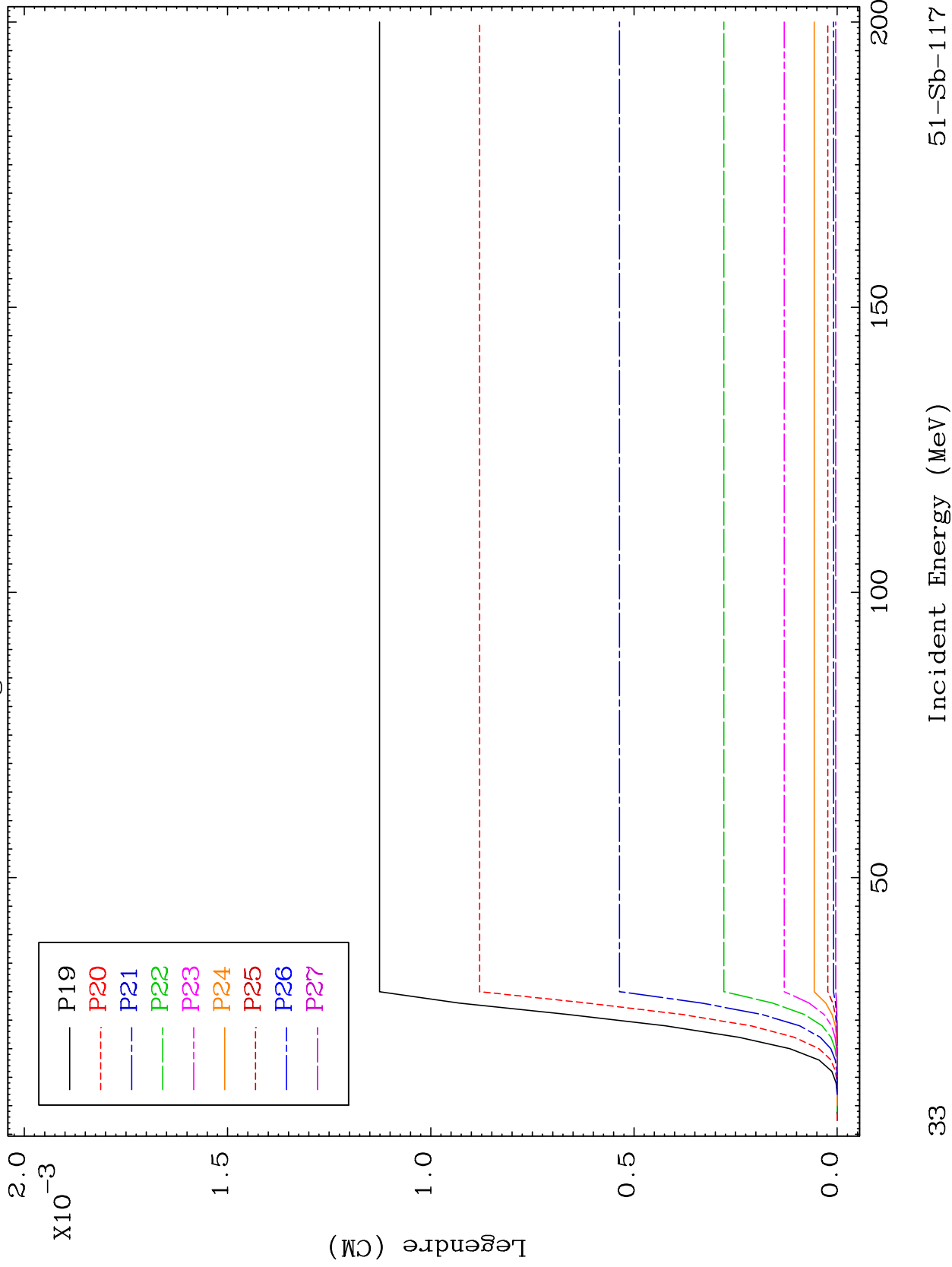
51-Sb-117



32

Incident Energy (MeV)

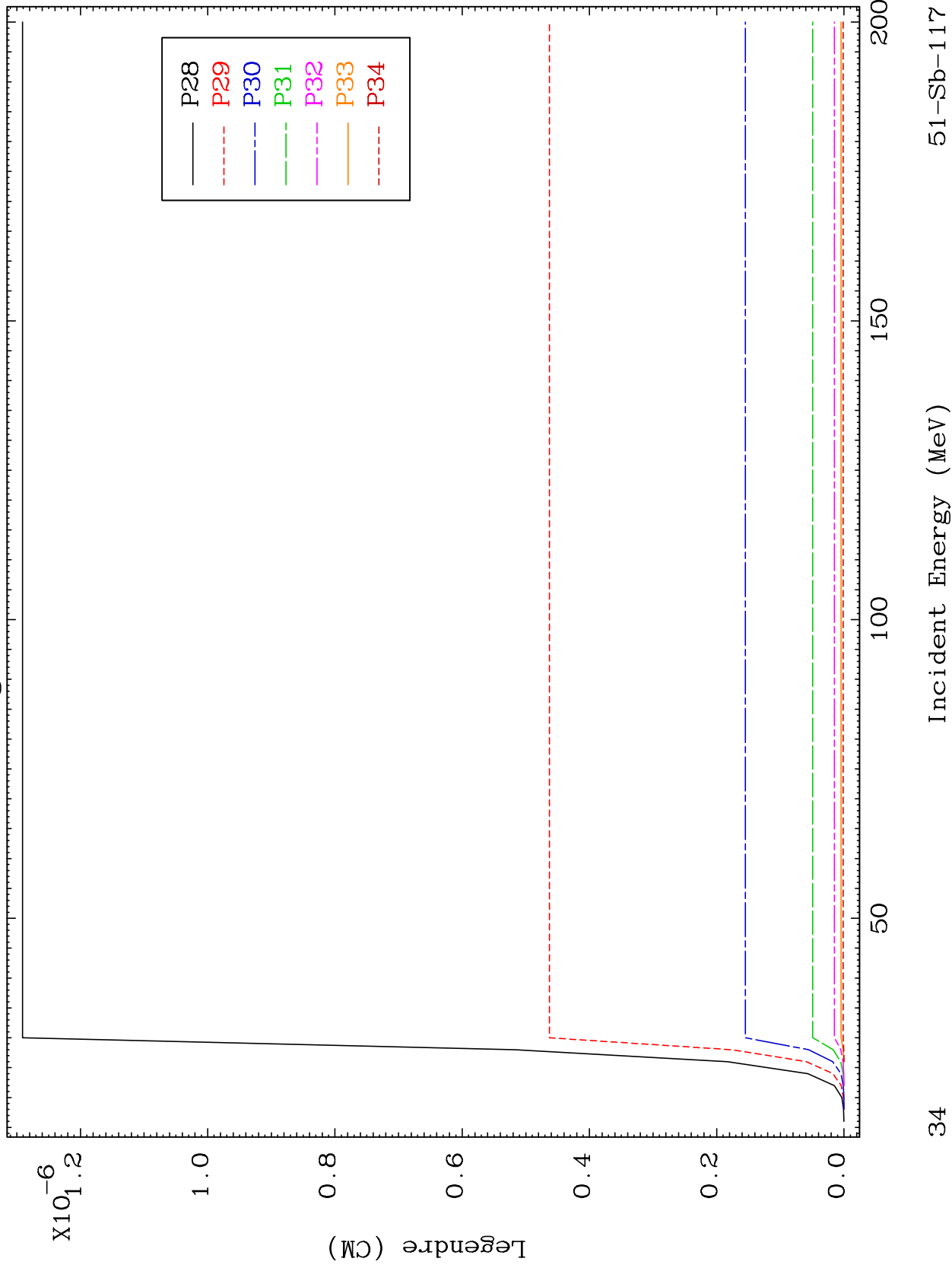
51-Sb-117



MAT 5113

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

51-Sb-117



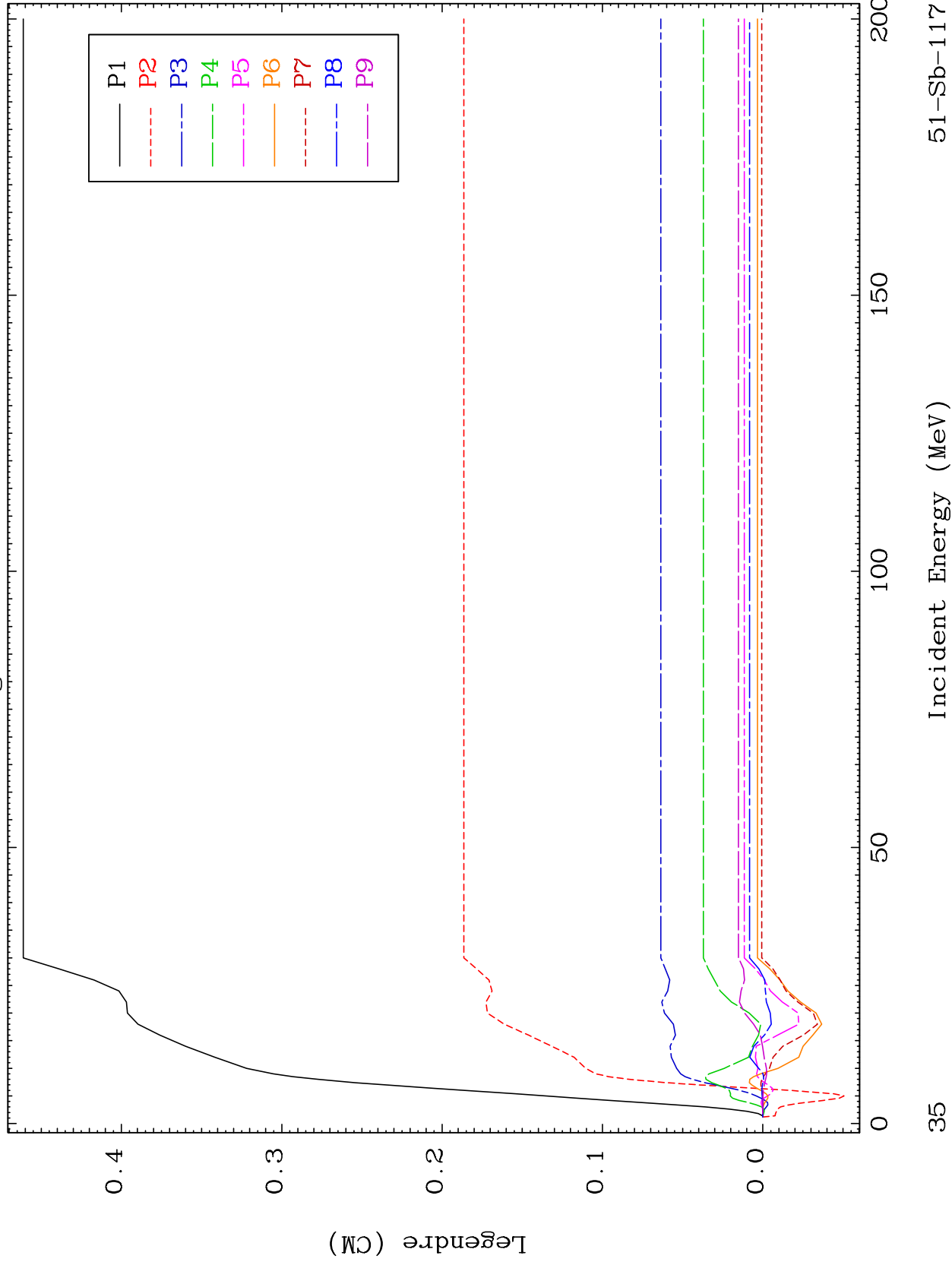
34

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

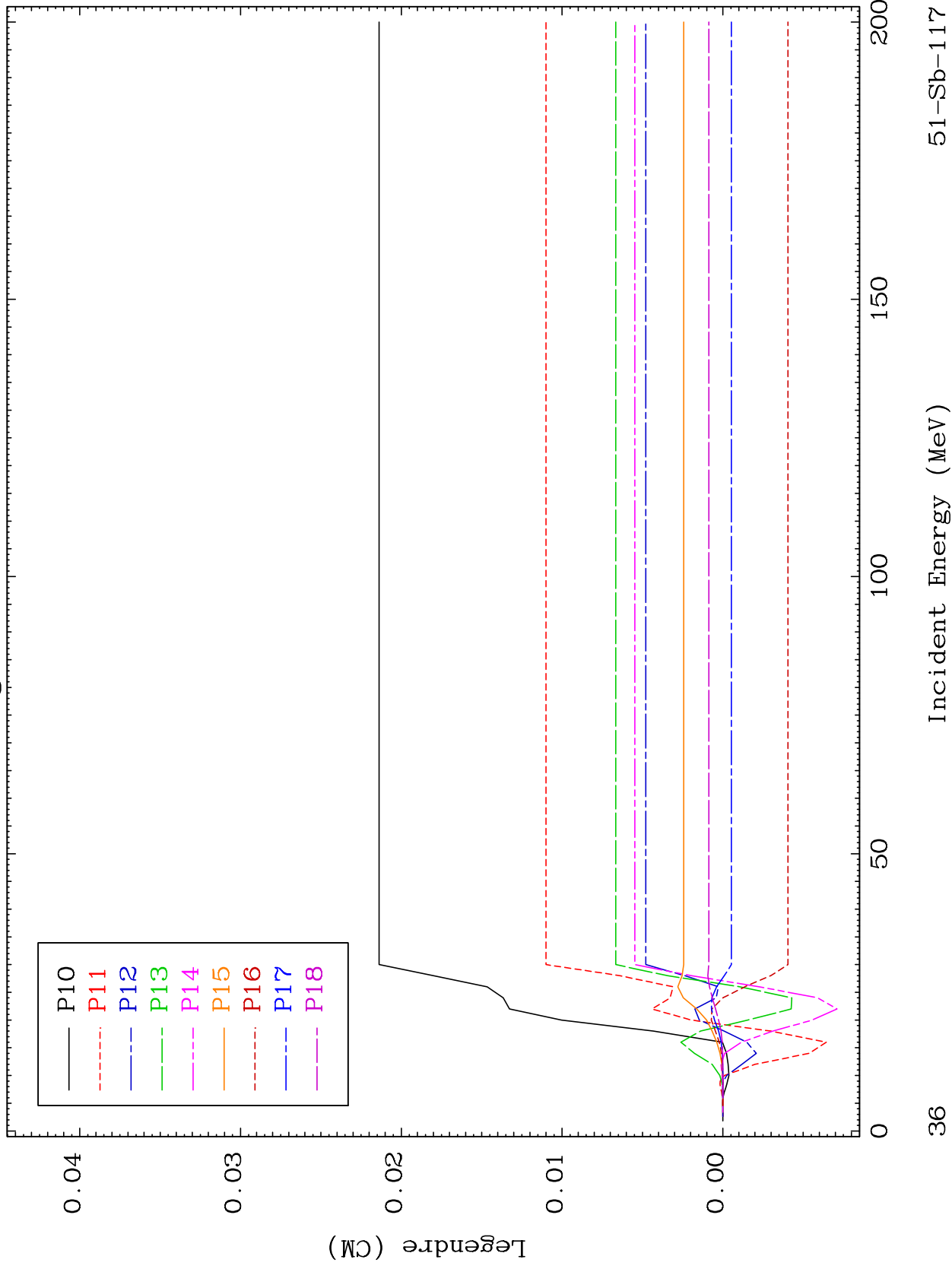
Incident Energy (MeV)

35

MAT 5113

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

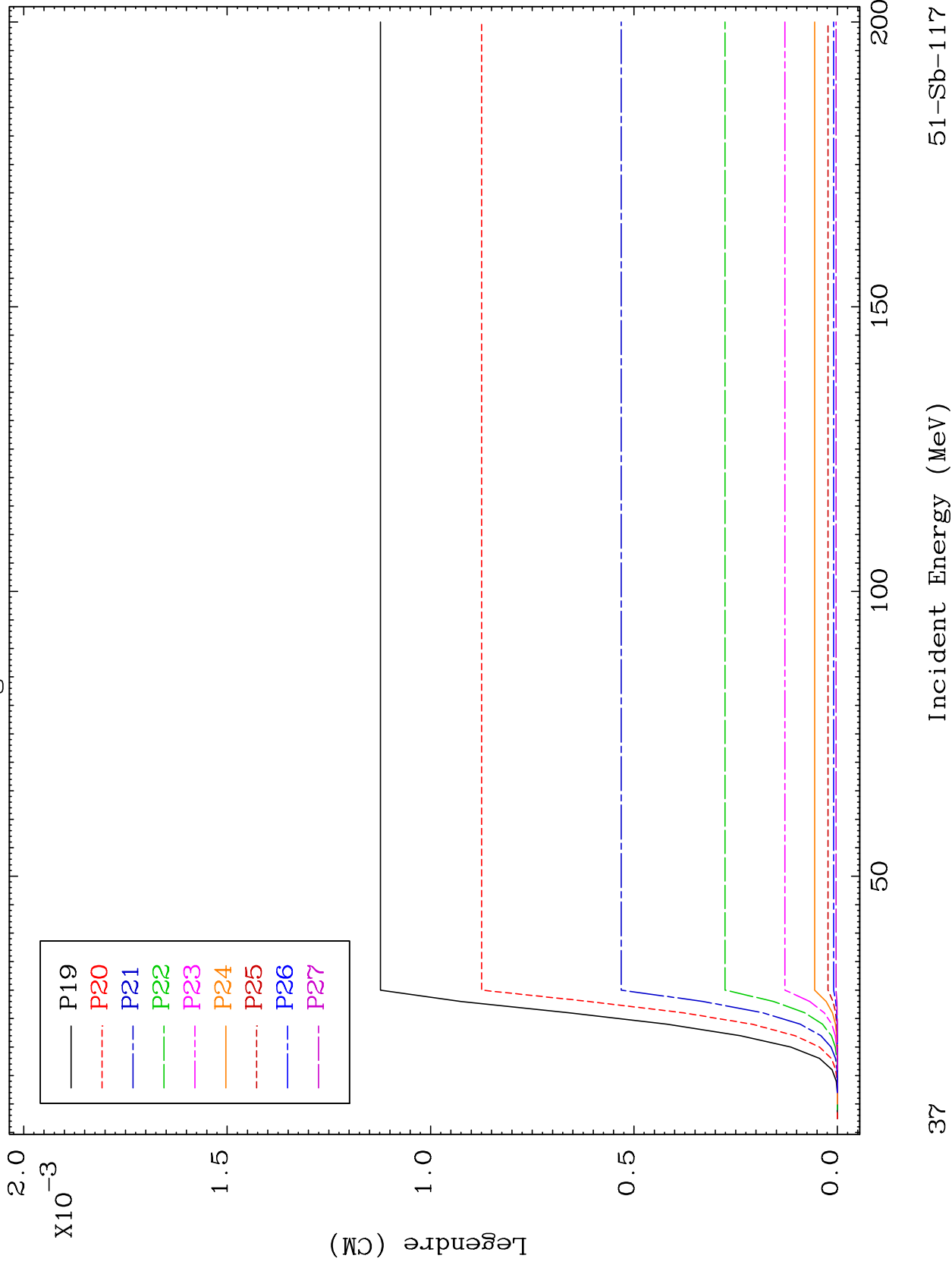
51-Sb-117



36

Incident Energy (MeV)

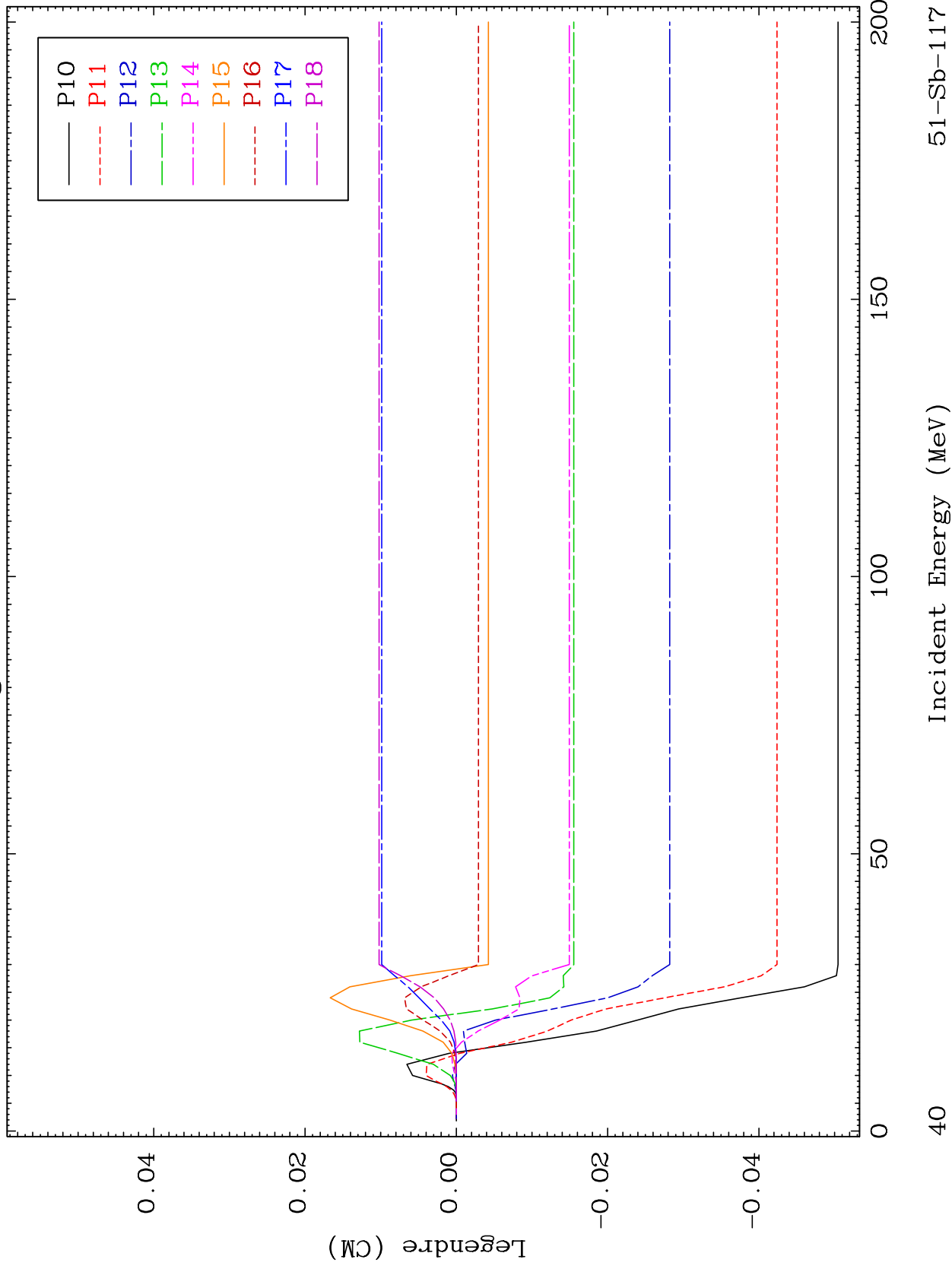
51-Sb-117



MAT 5113

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

51-Sb-117



51-Sb-117

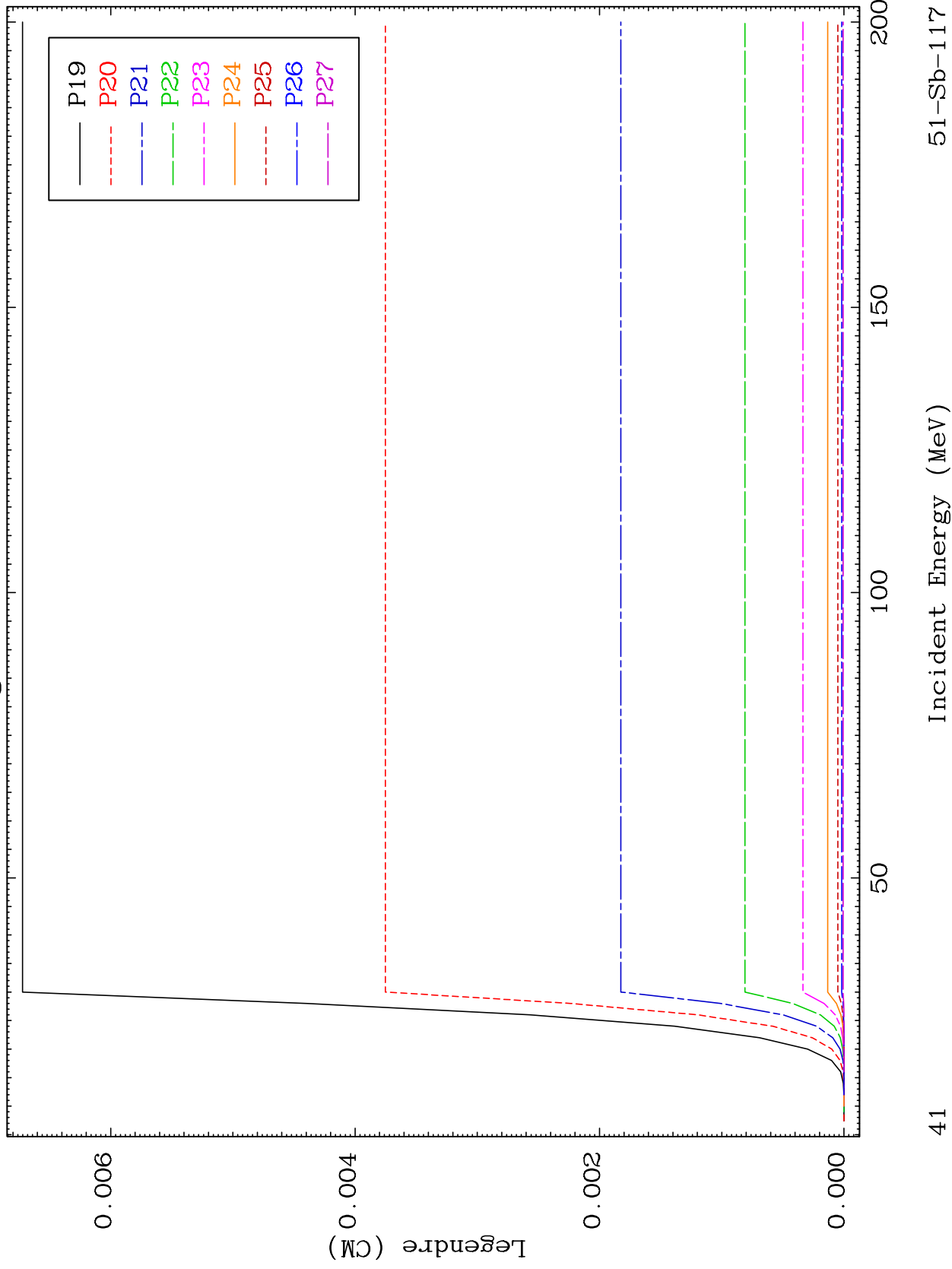
Incident Energy (MeV)

40

MAT 5113

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

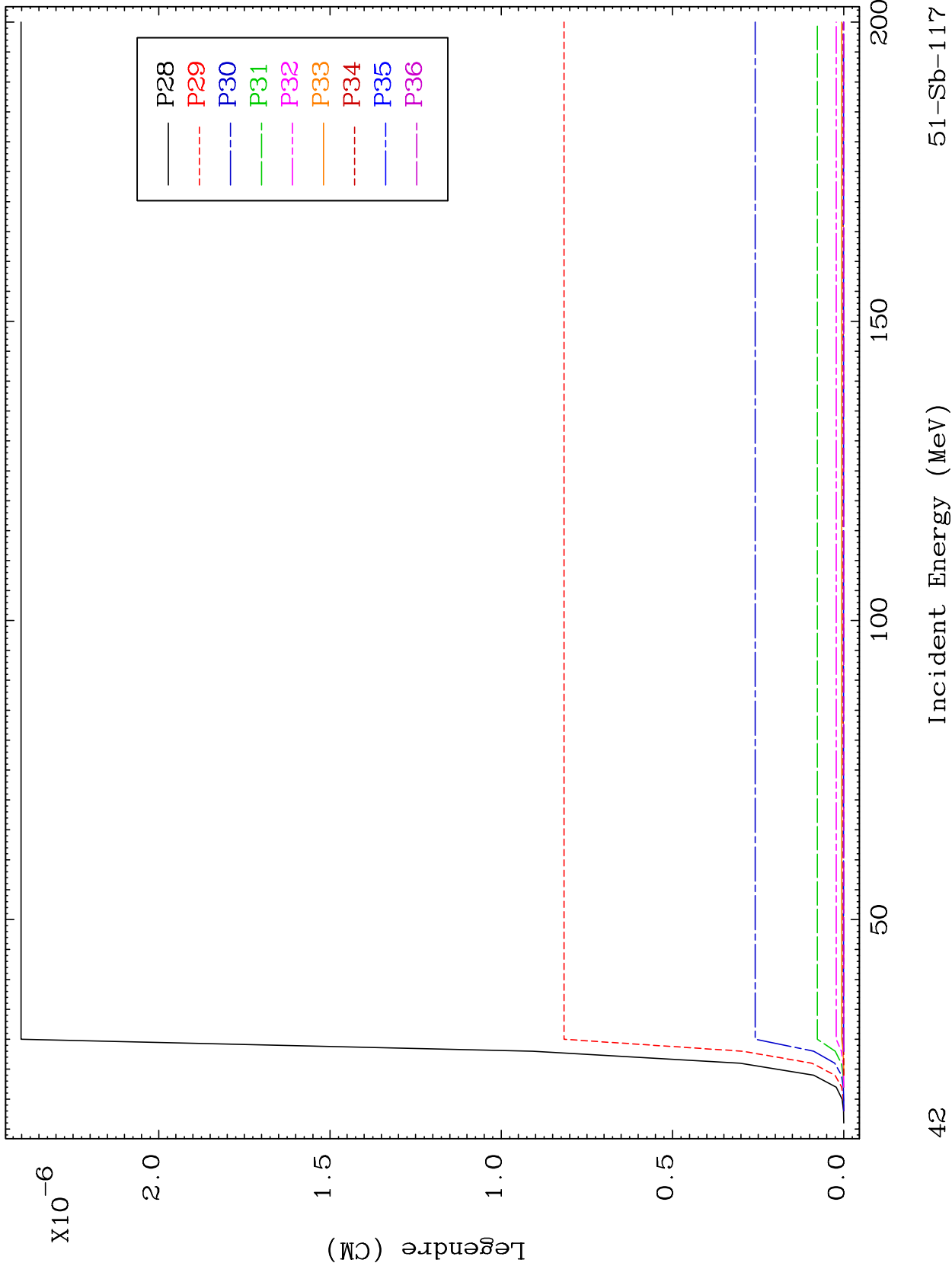
51-Sb-117



41

Incident Energy (MeV)

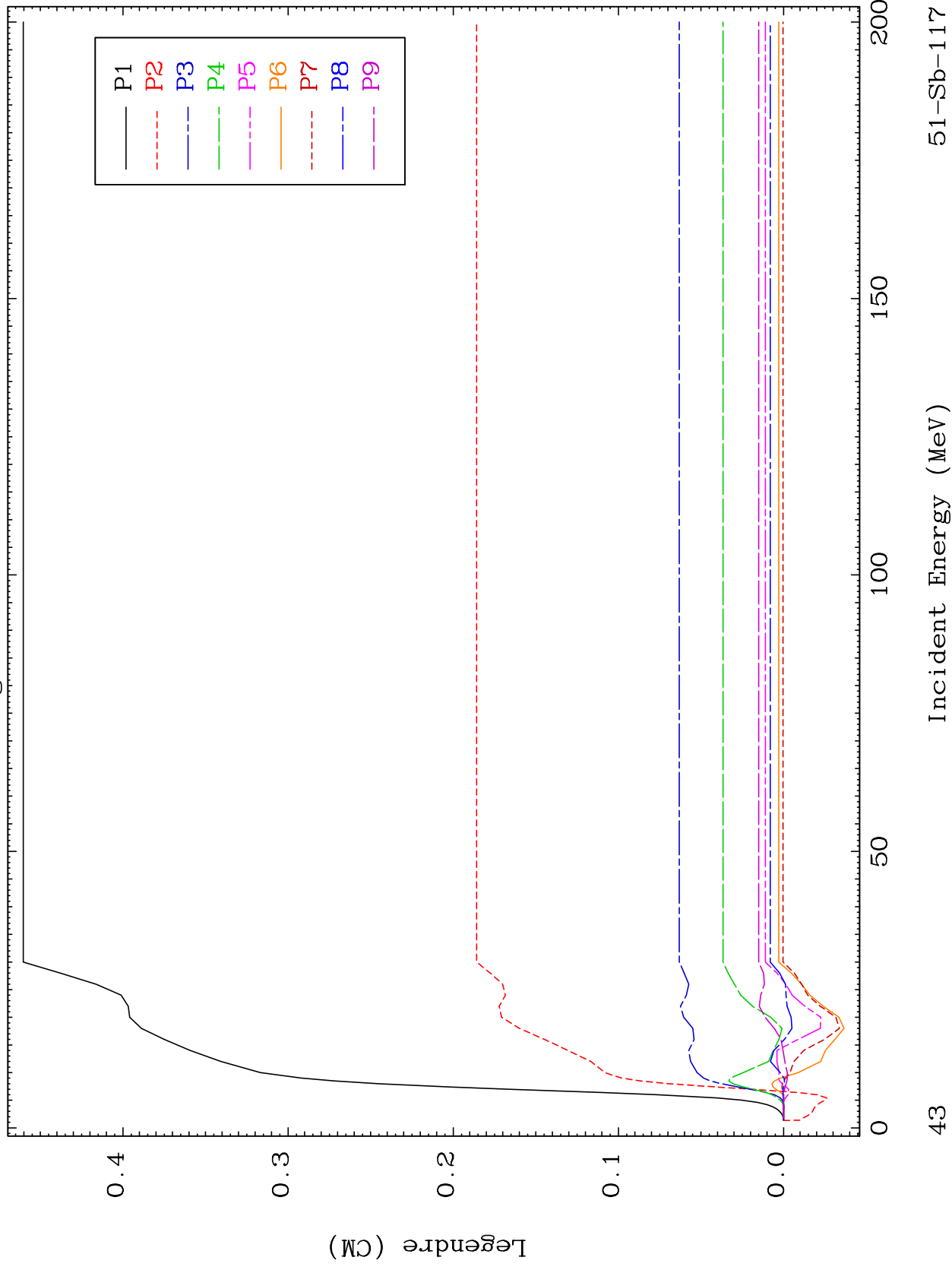
51-Sb-117



MAT 5113

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

51-Sb-117



51-Sb-117

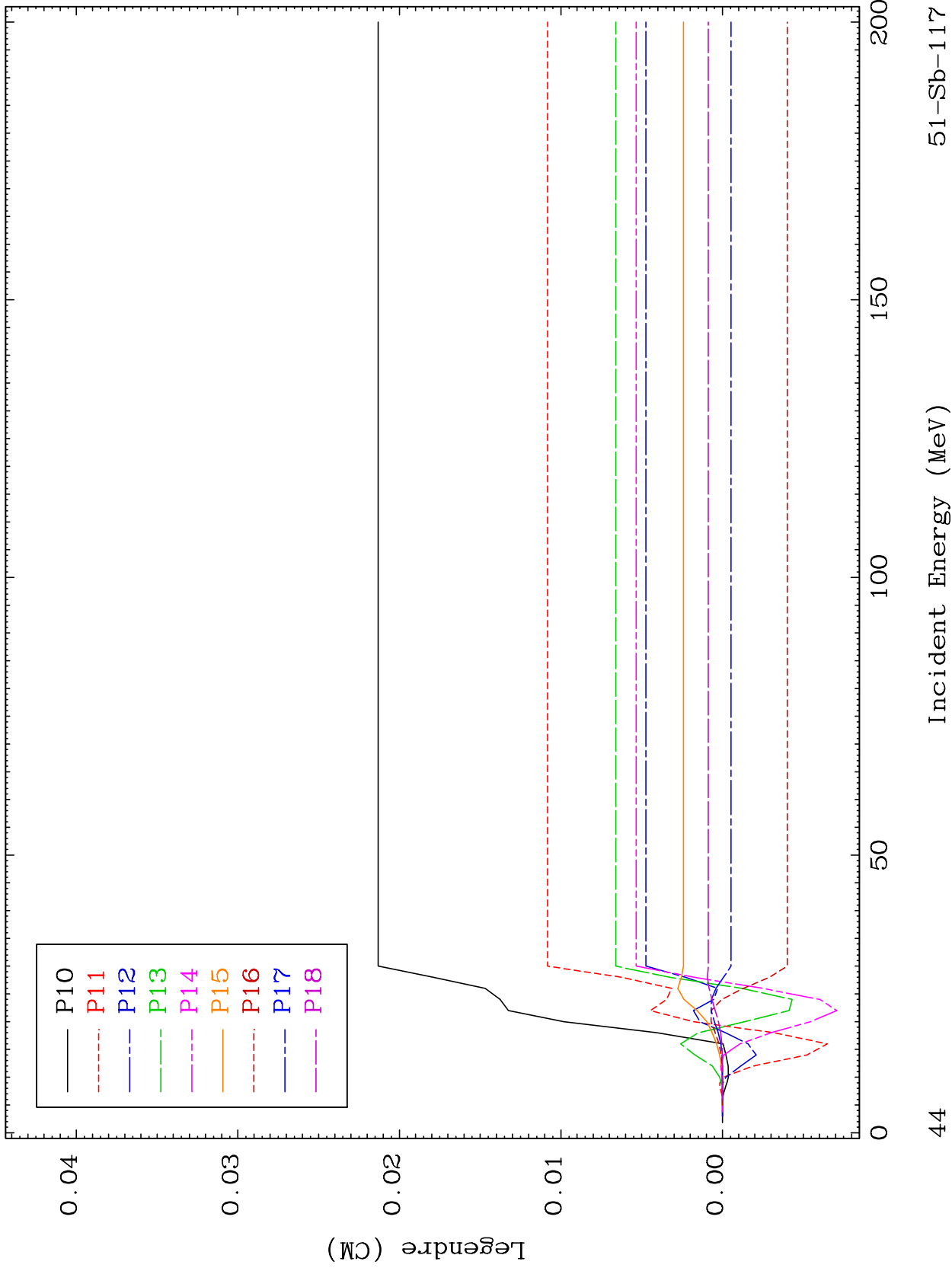
Incident Energy (MeV)

43

MAT 5113

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

51-Sb-117



44

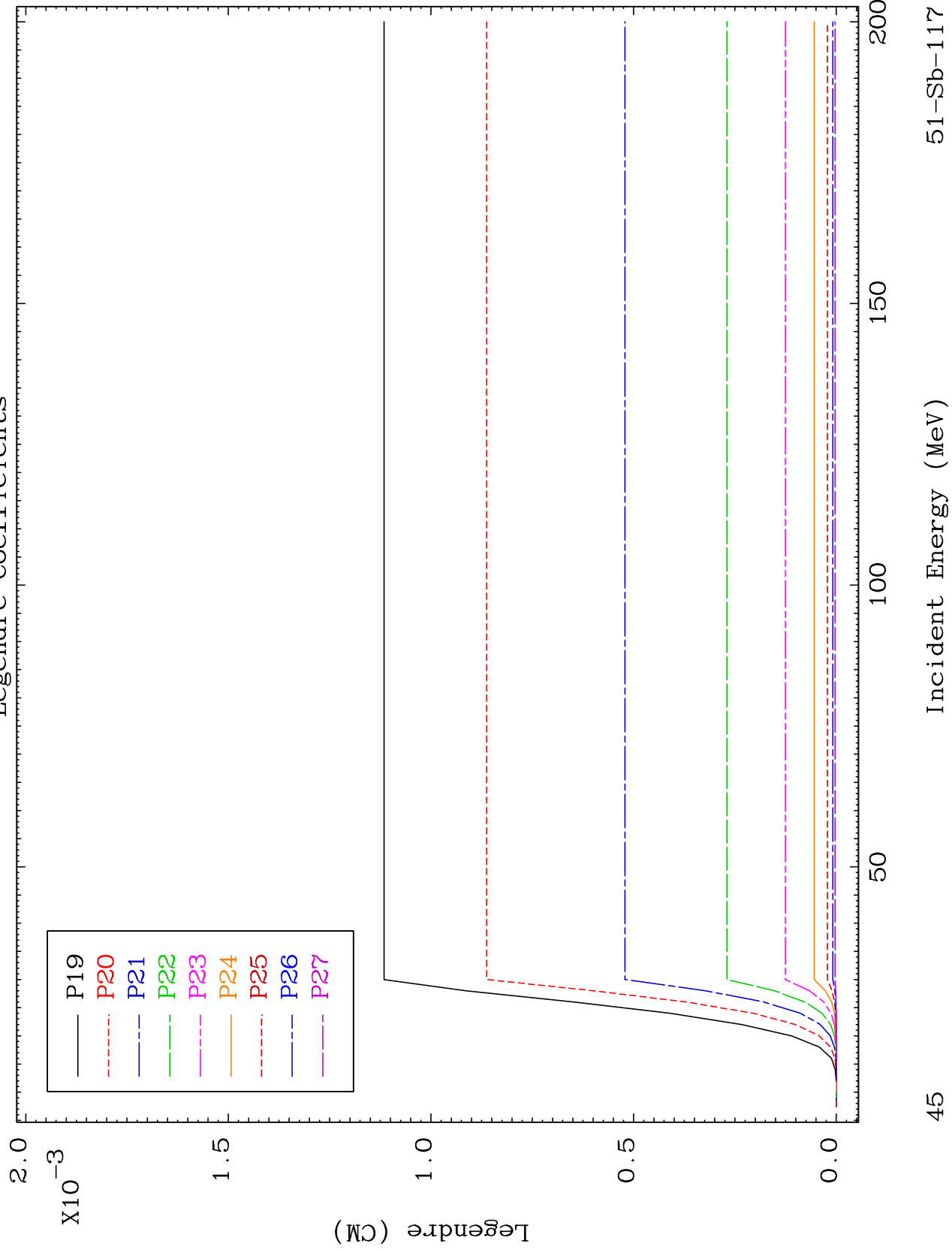
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



45

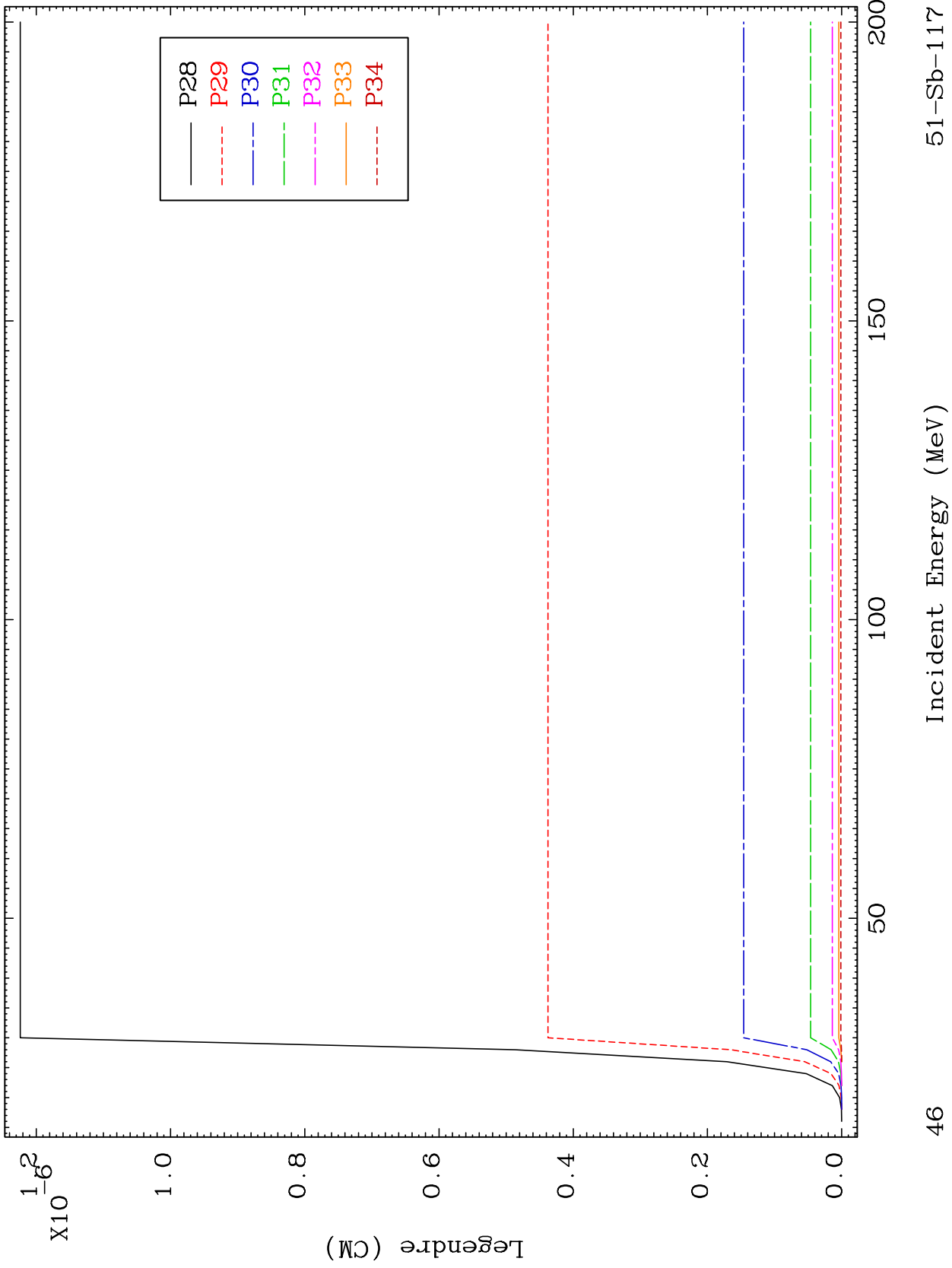
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

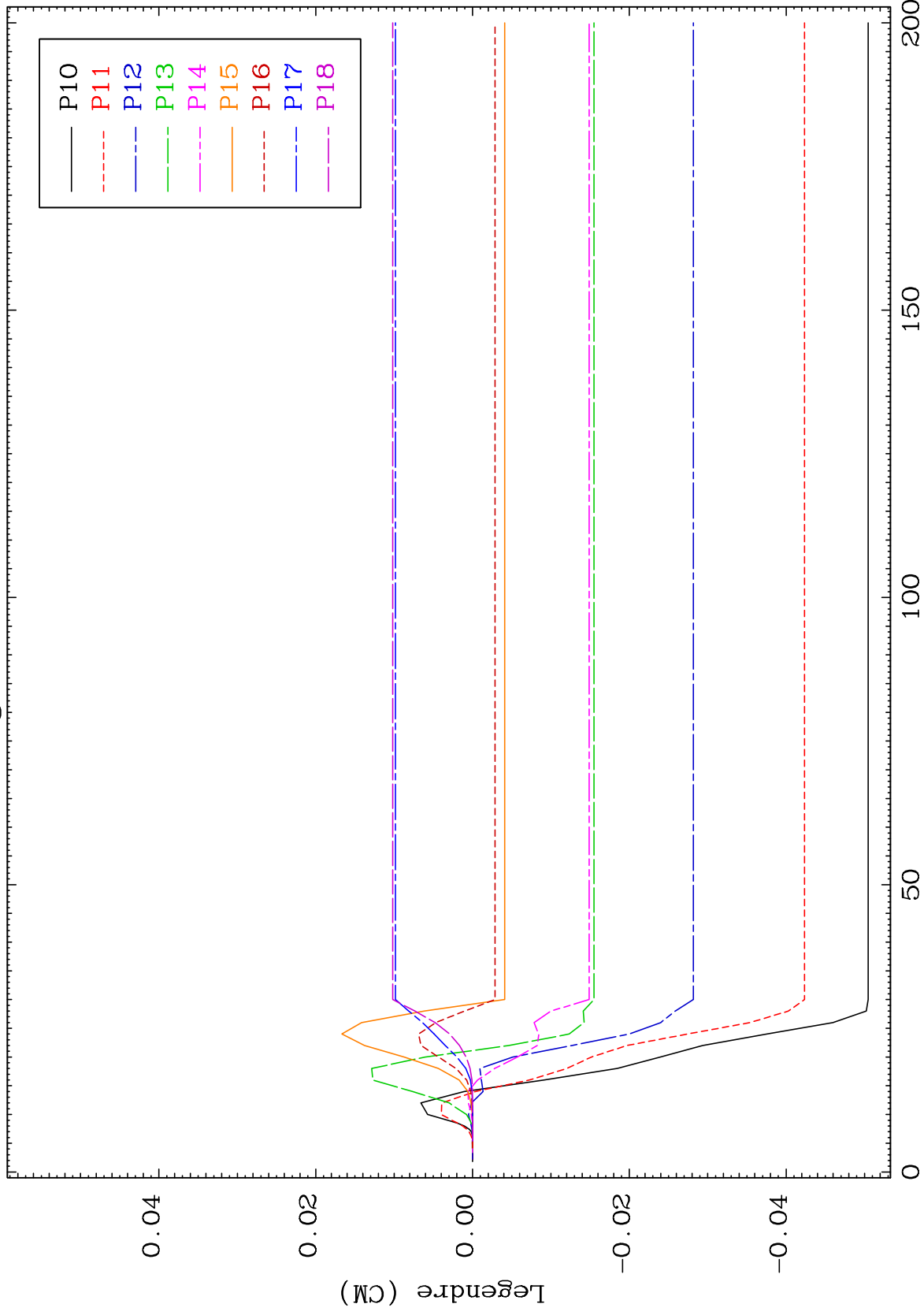
51-Sb-117



MAT 5113

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

51-Sb-117



48

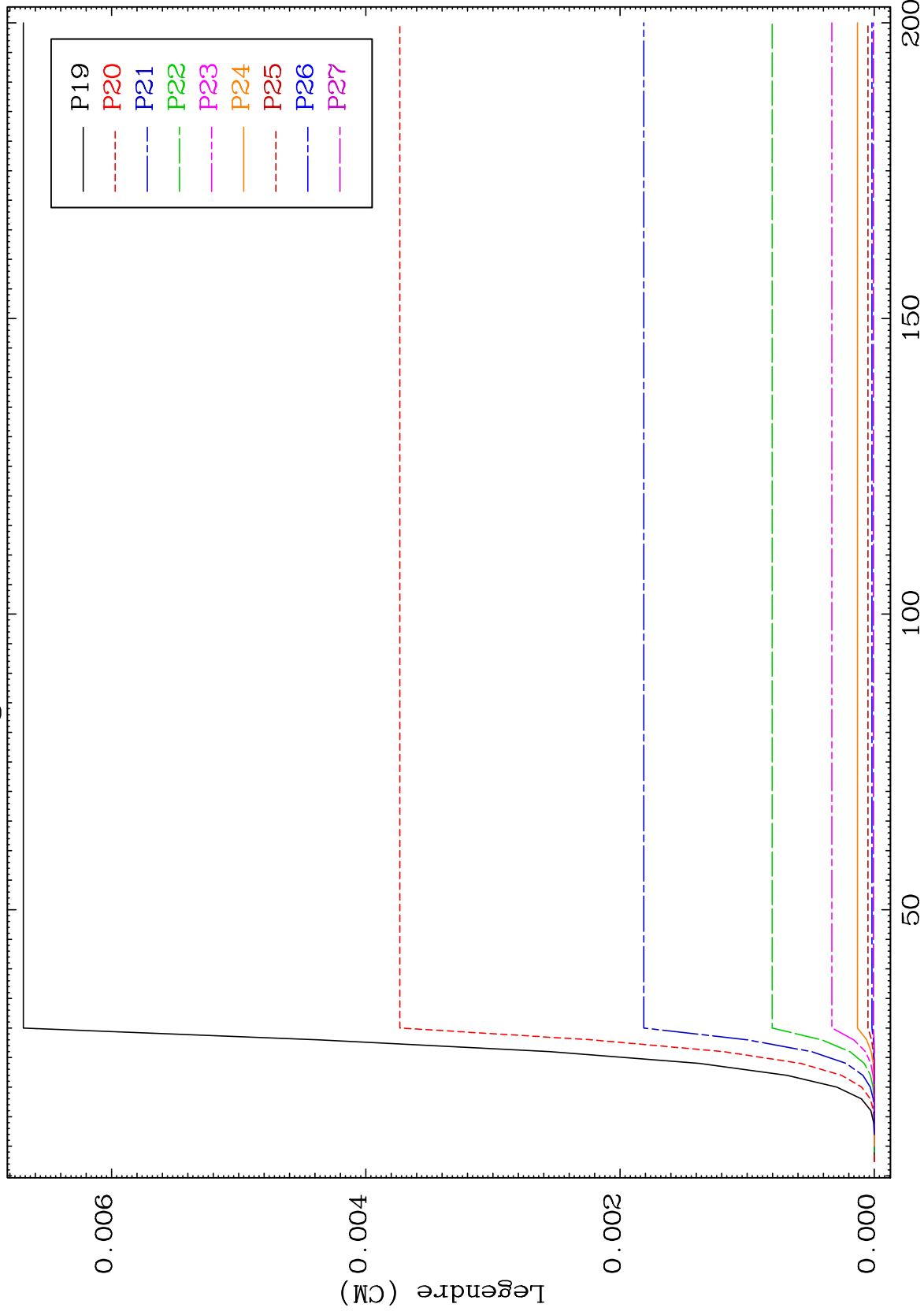
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



49

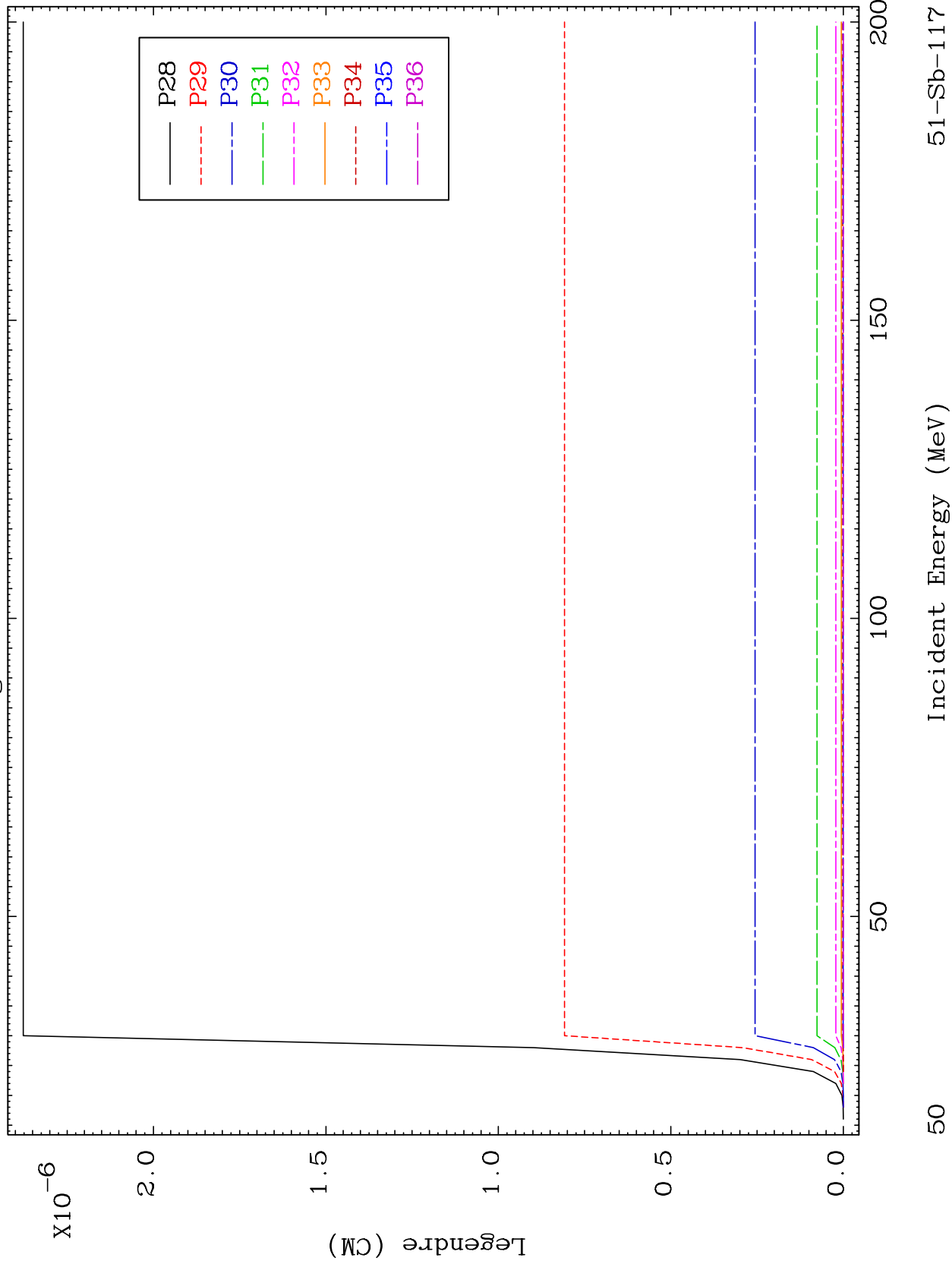
Incident Energy (MeV)

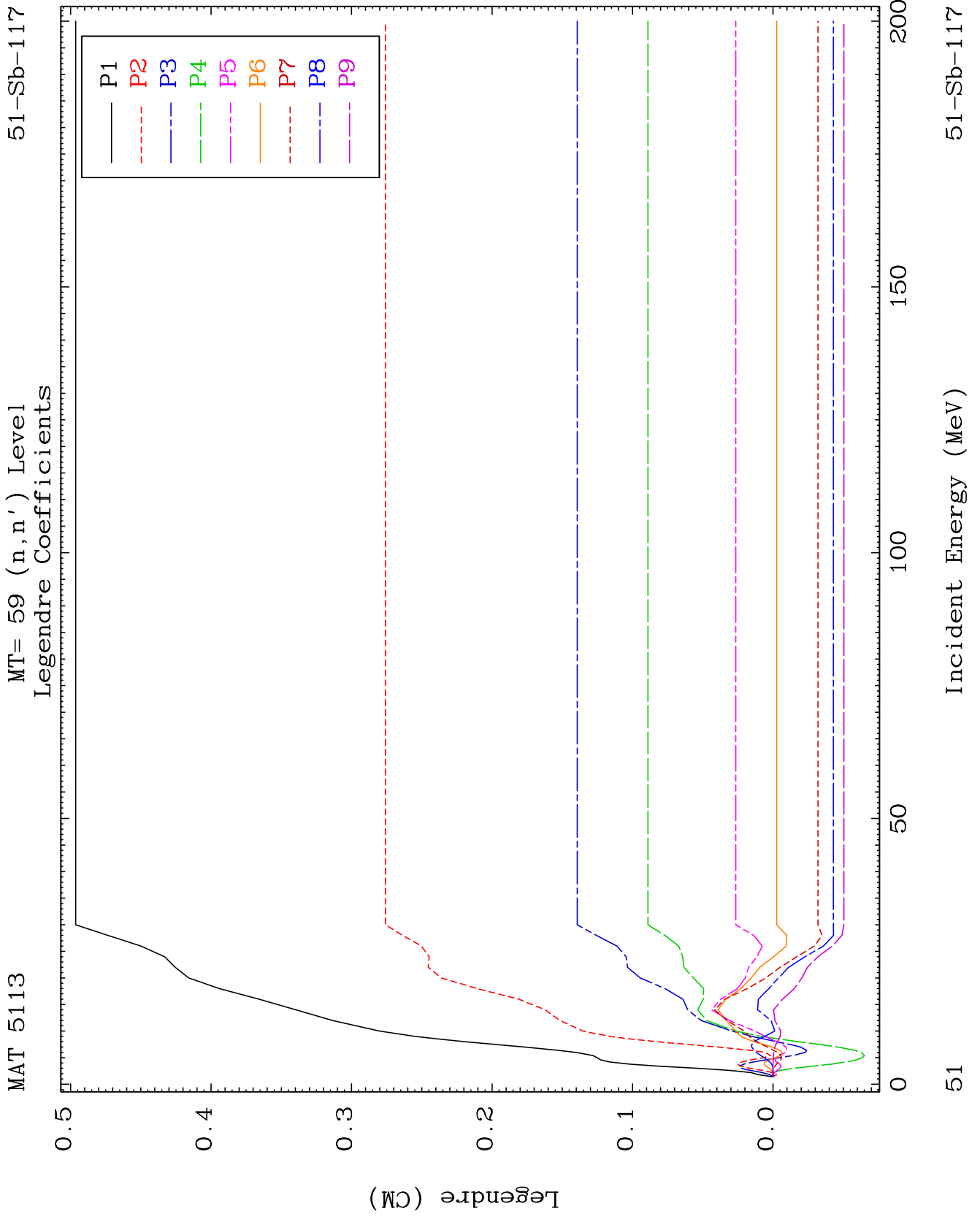
51-Sb-117

MAT 5113

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

51-Sb-117

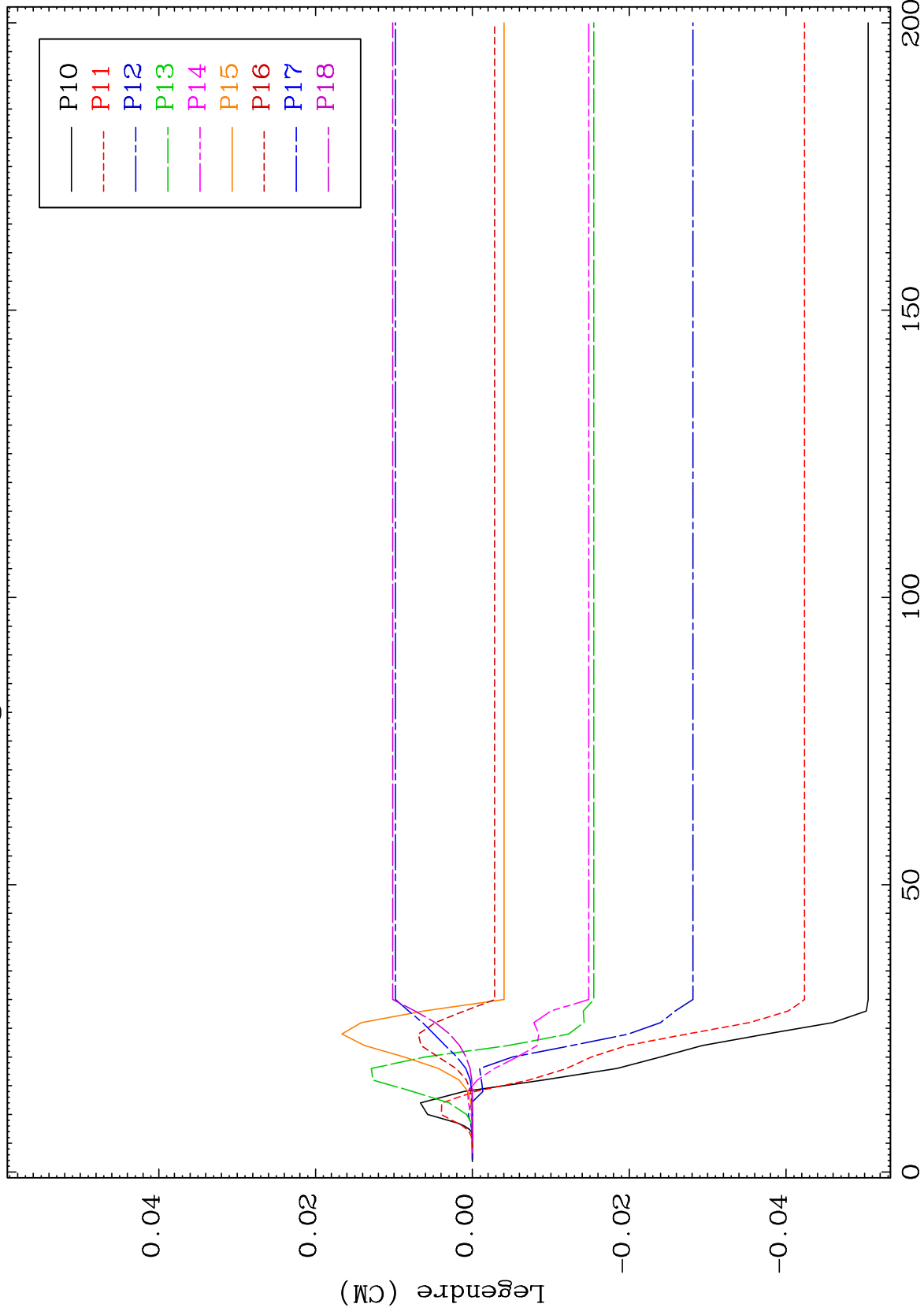




MAT 5113

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

51-Sb-117



51-Sb-117

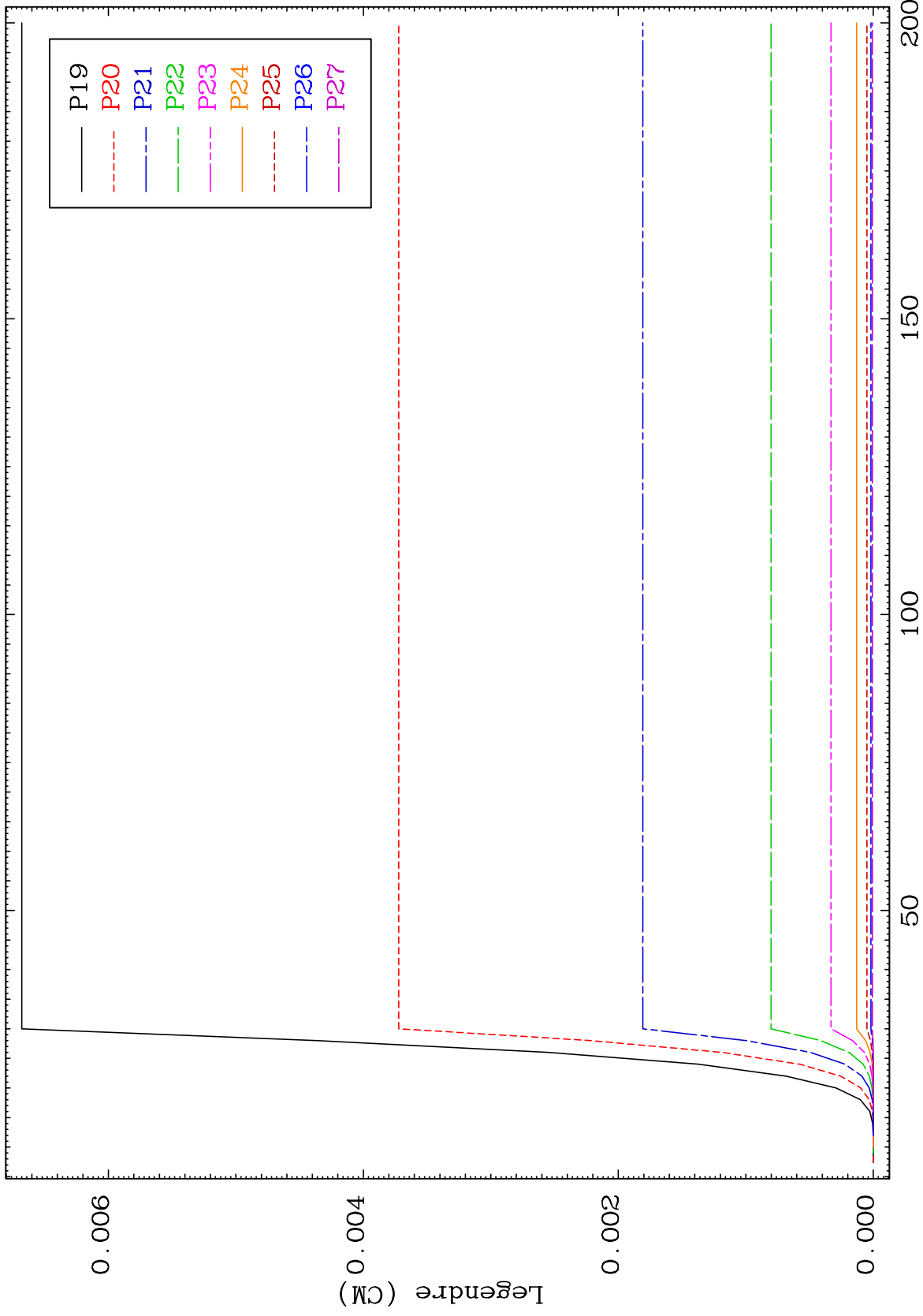
Incident Energy (MeV)

52

MAT 5113

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

51-Sb-117



53

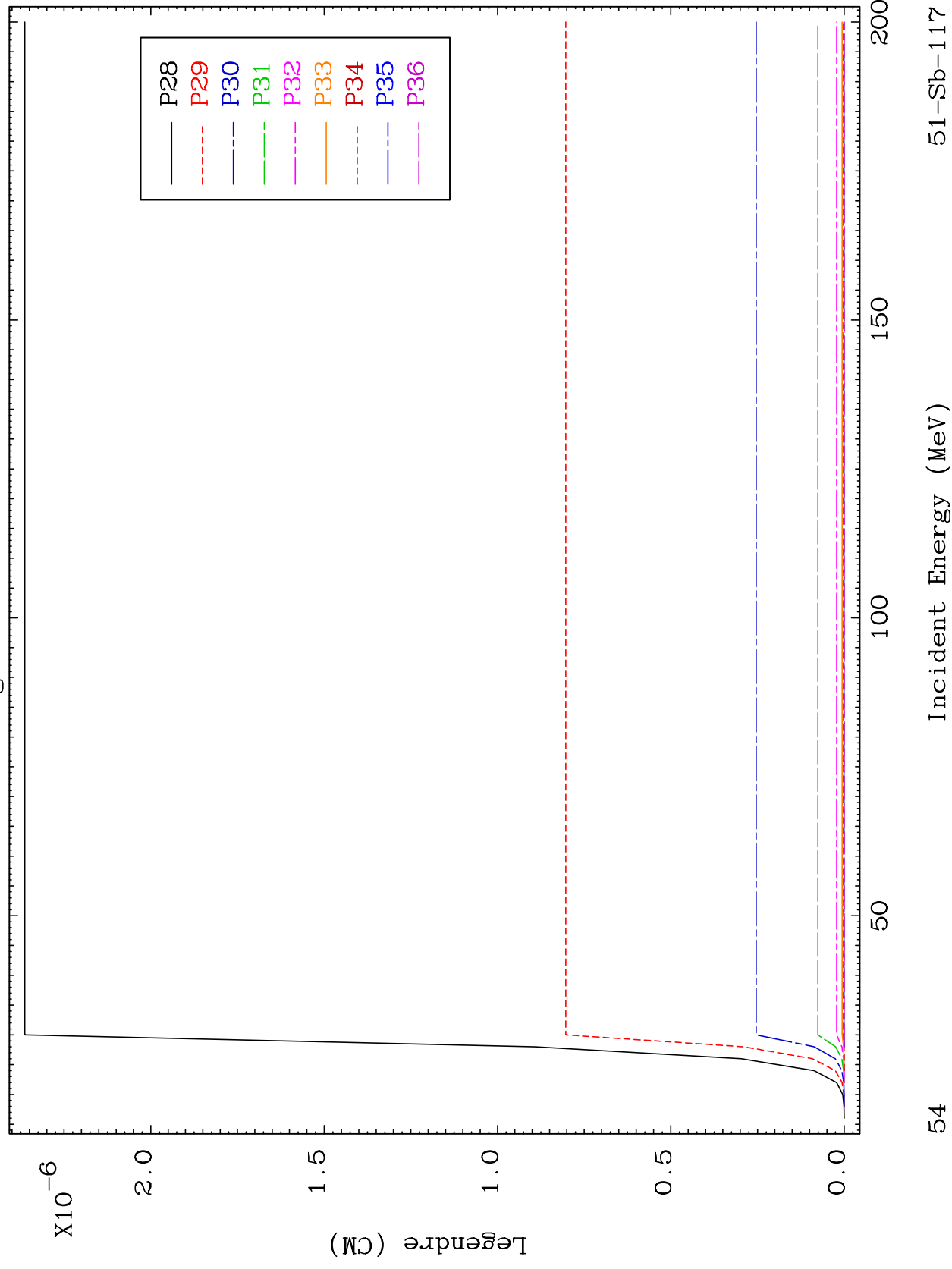
Incident Energy (MeV)

51-Sb-117

MAT 5113

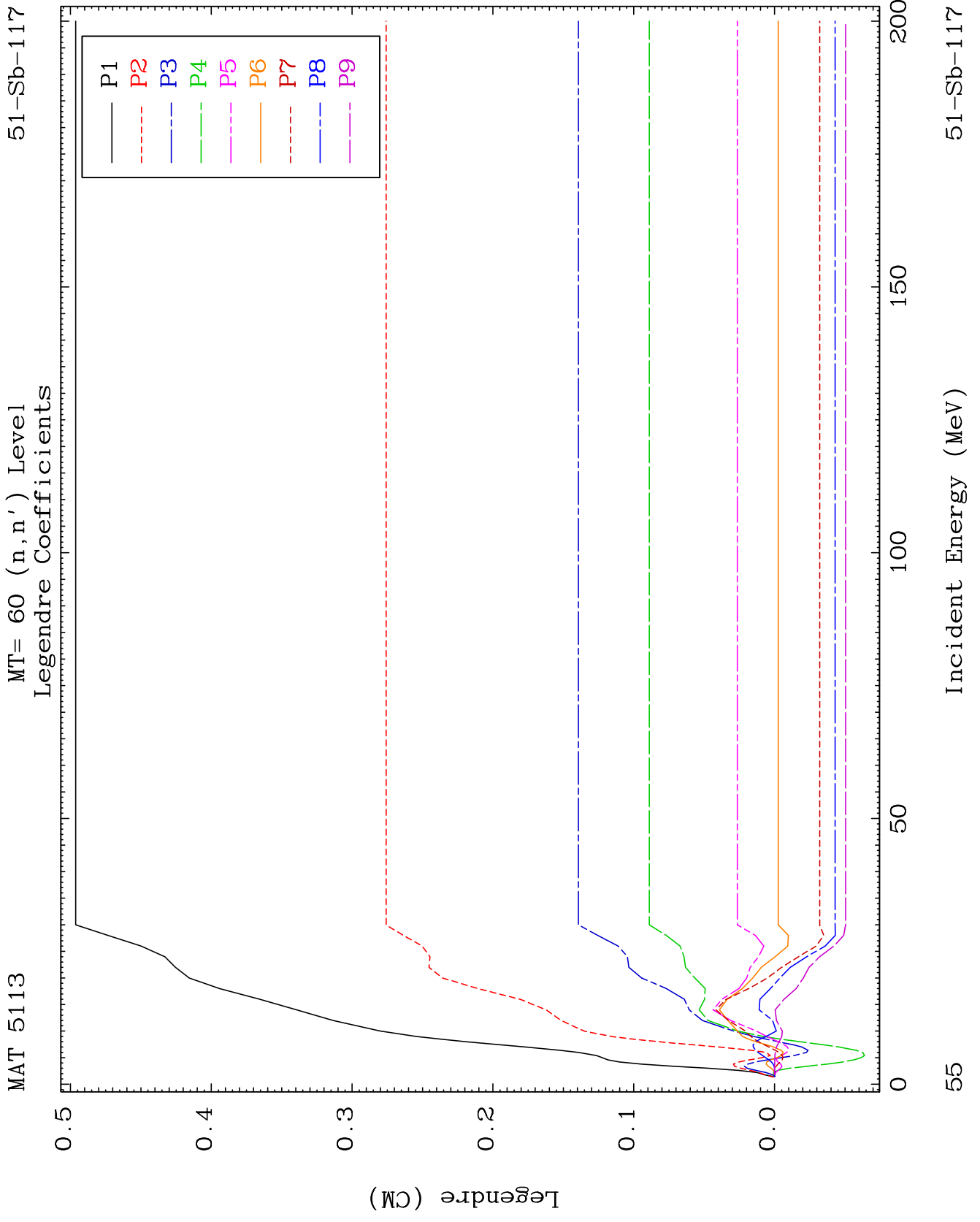
MT= 59 (n,n') Level
Legendre Coefficients

51-Sb-117



54

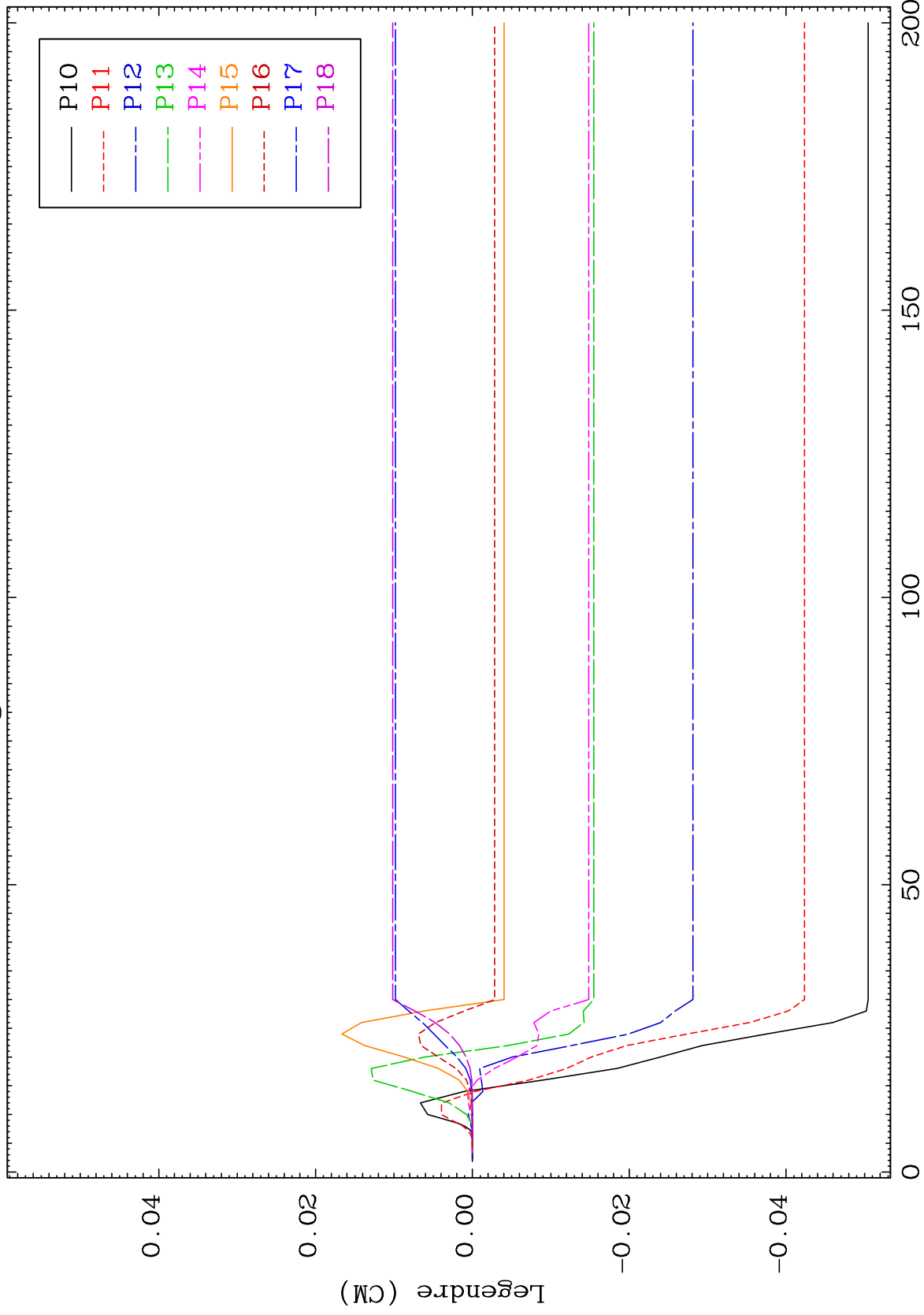
51-Sb-117



MAT 5113

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

51-Sb-117



56

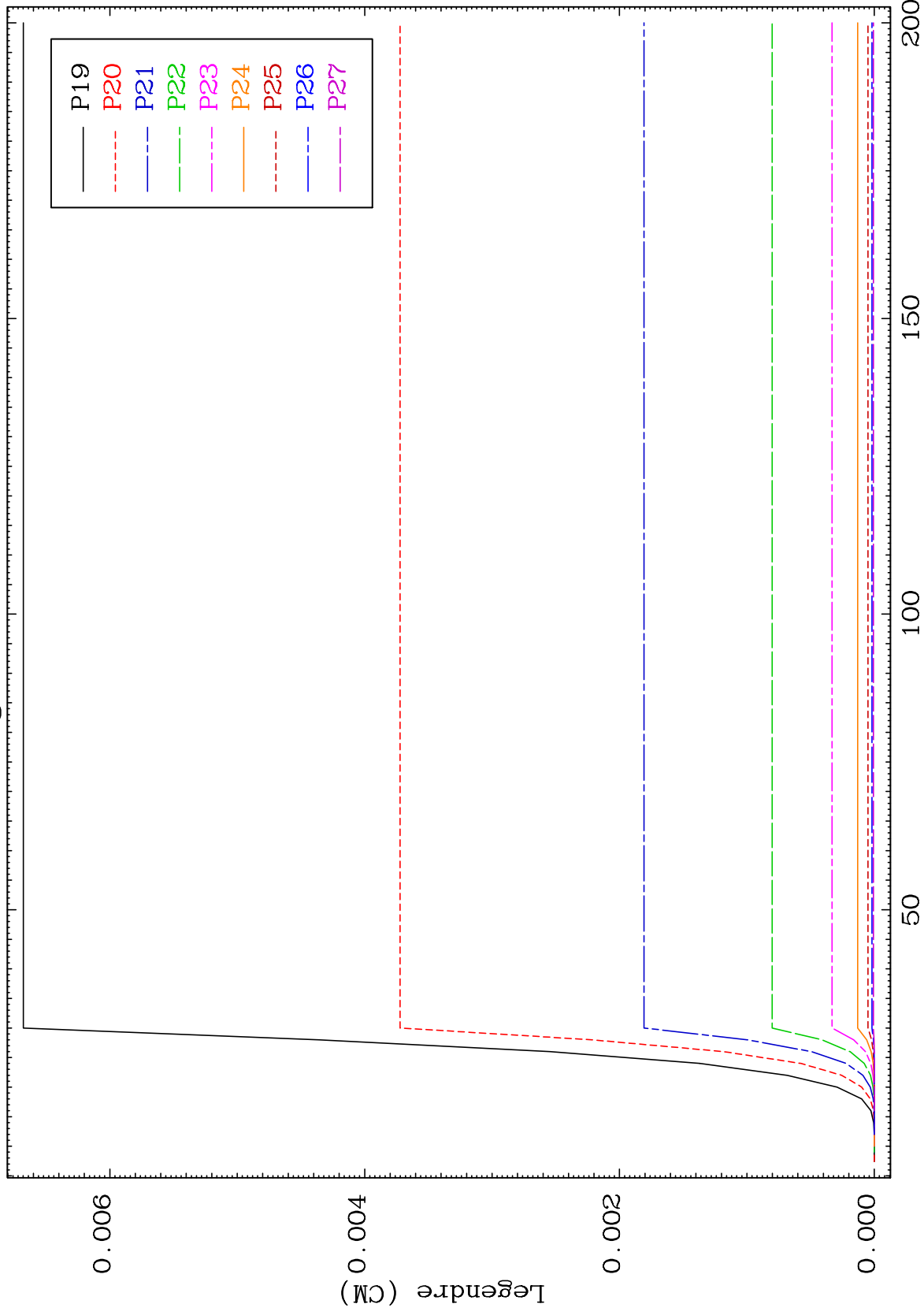
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



57

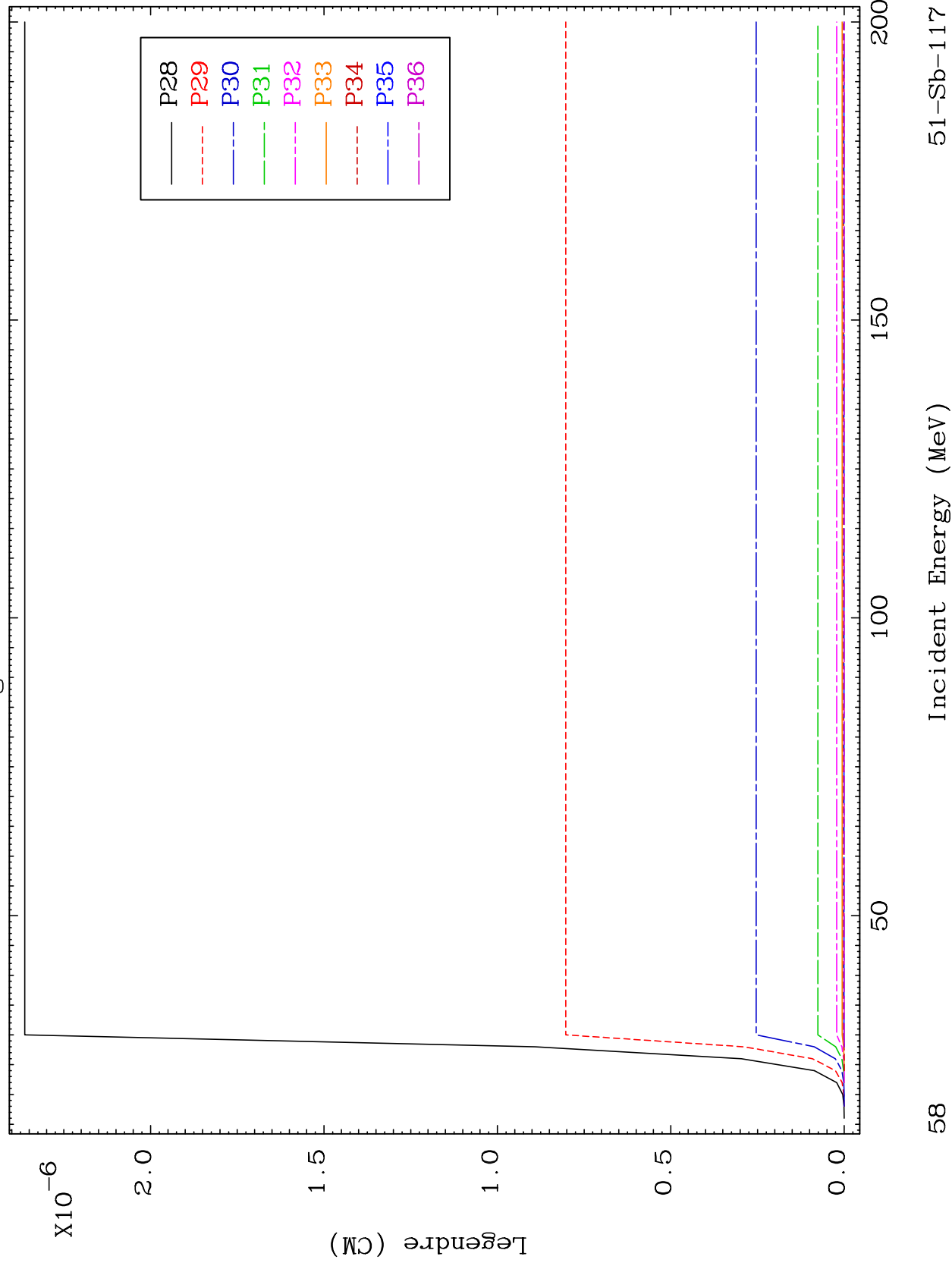
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



58

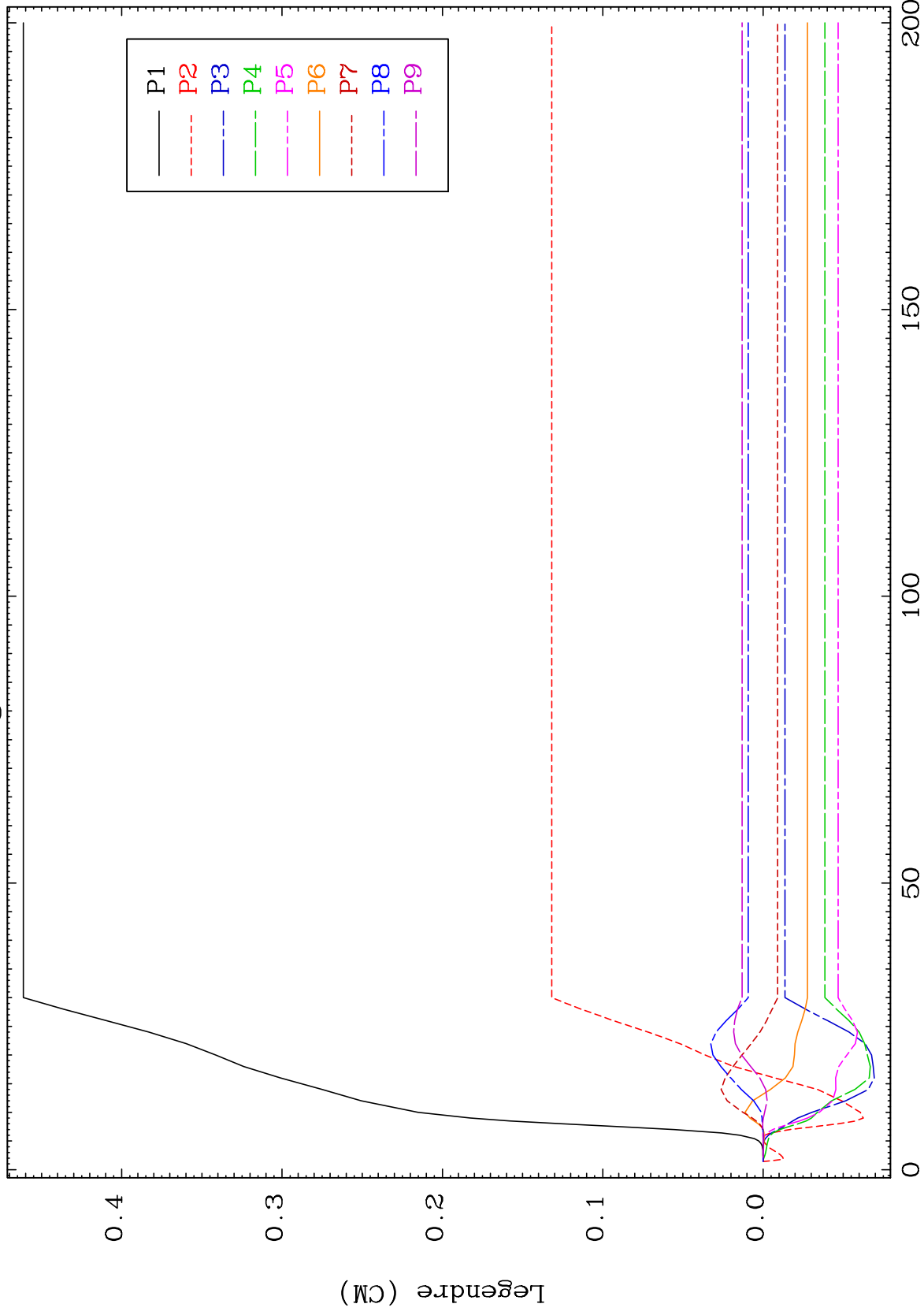
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



59

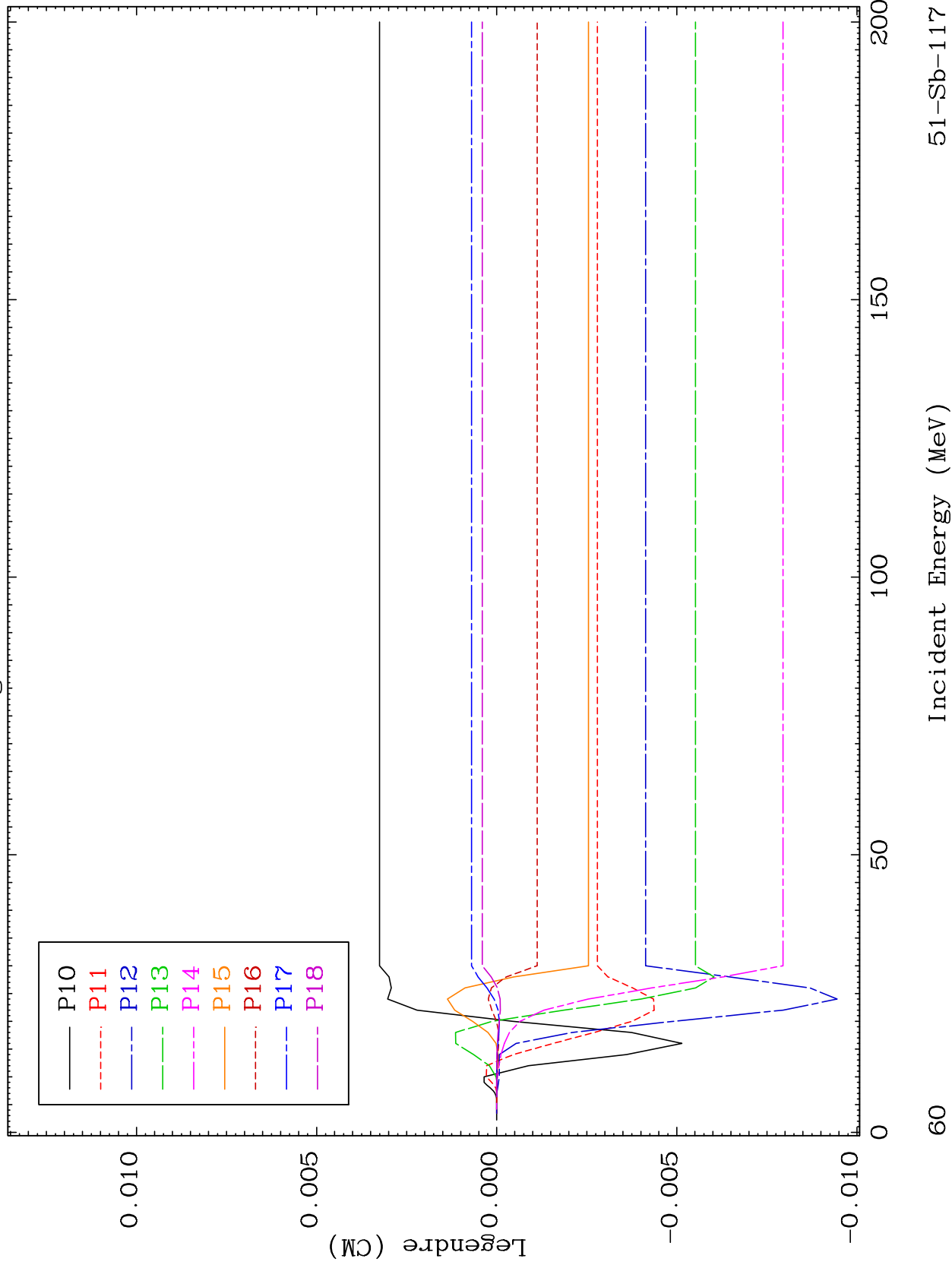
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

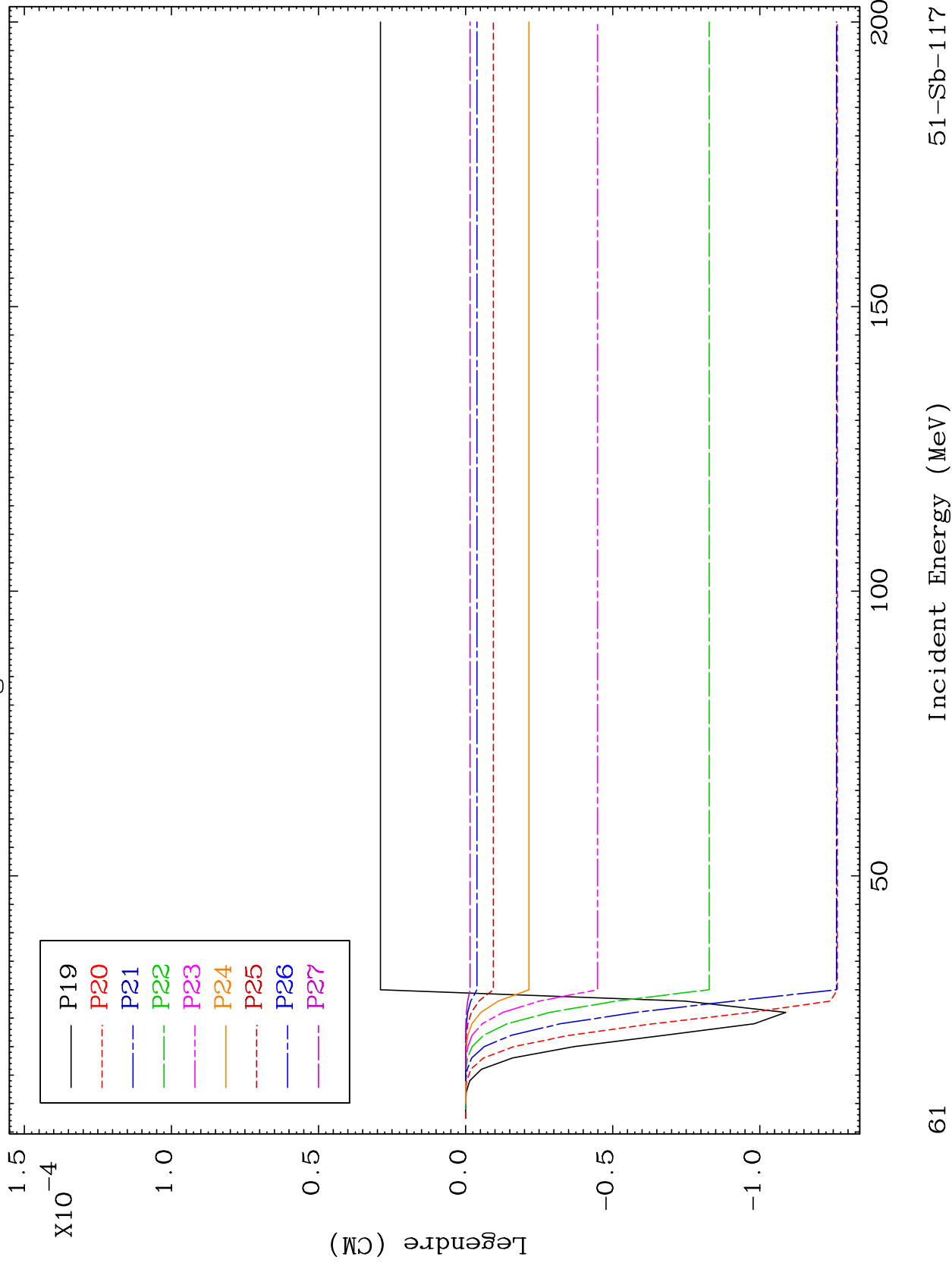
Incident Energy (MeV)

60

MAT 5113

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

51-Sb-117



61

Incident Energy (MeV)

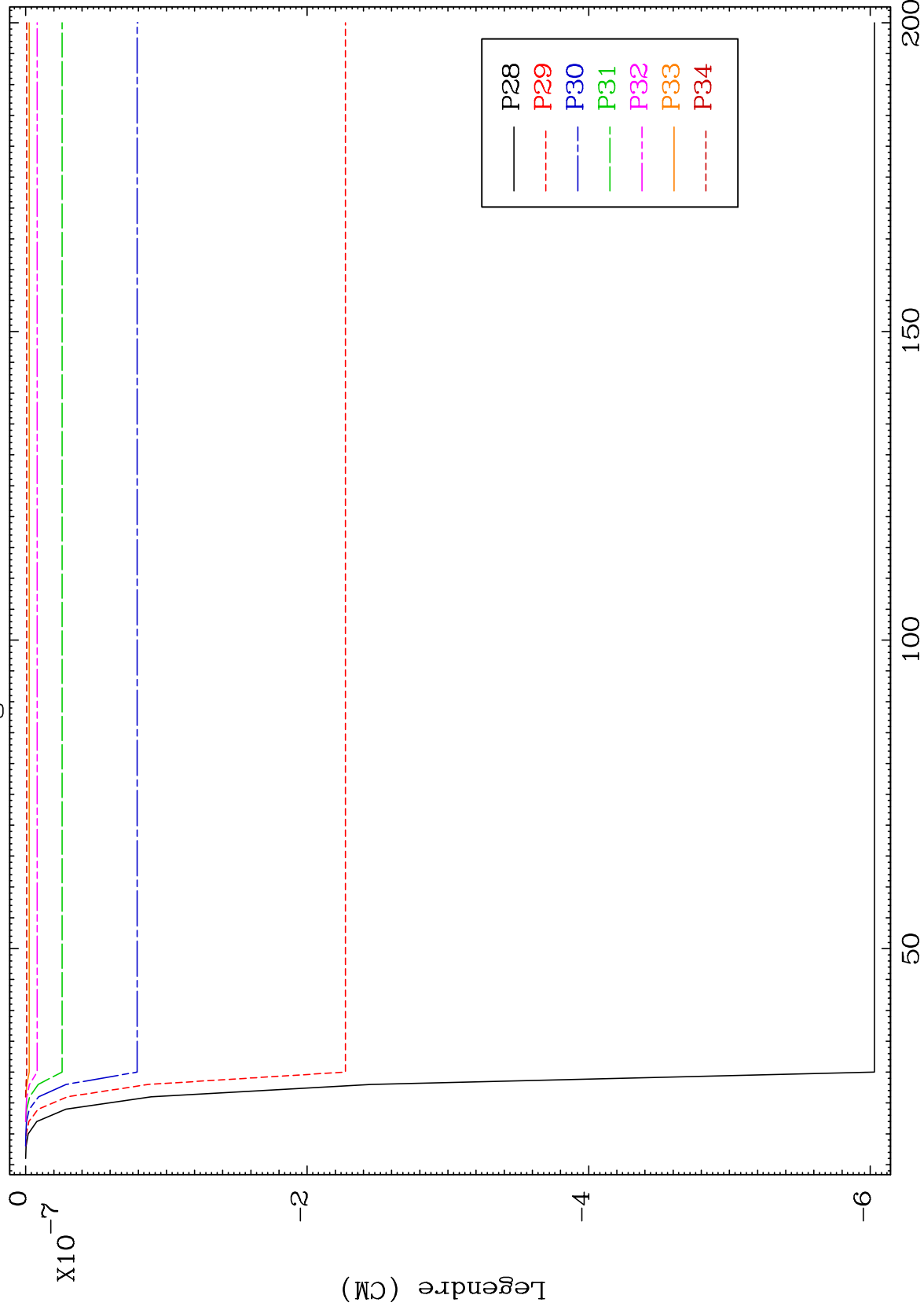
51-Sb-117

MAT 5113

MT= 61 (n,n') Level

51-Sb-117

Legendre Coefficients



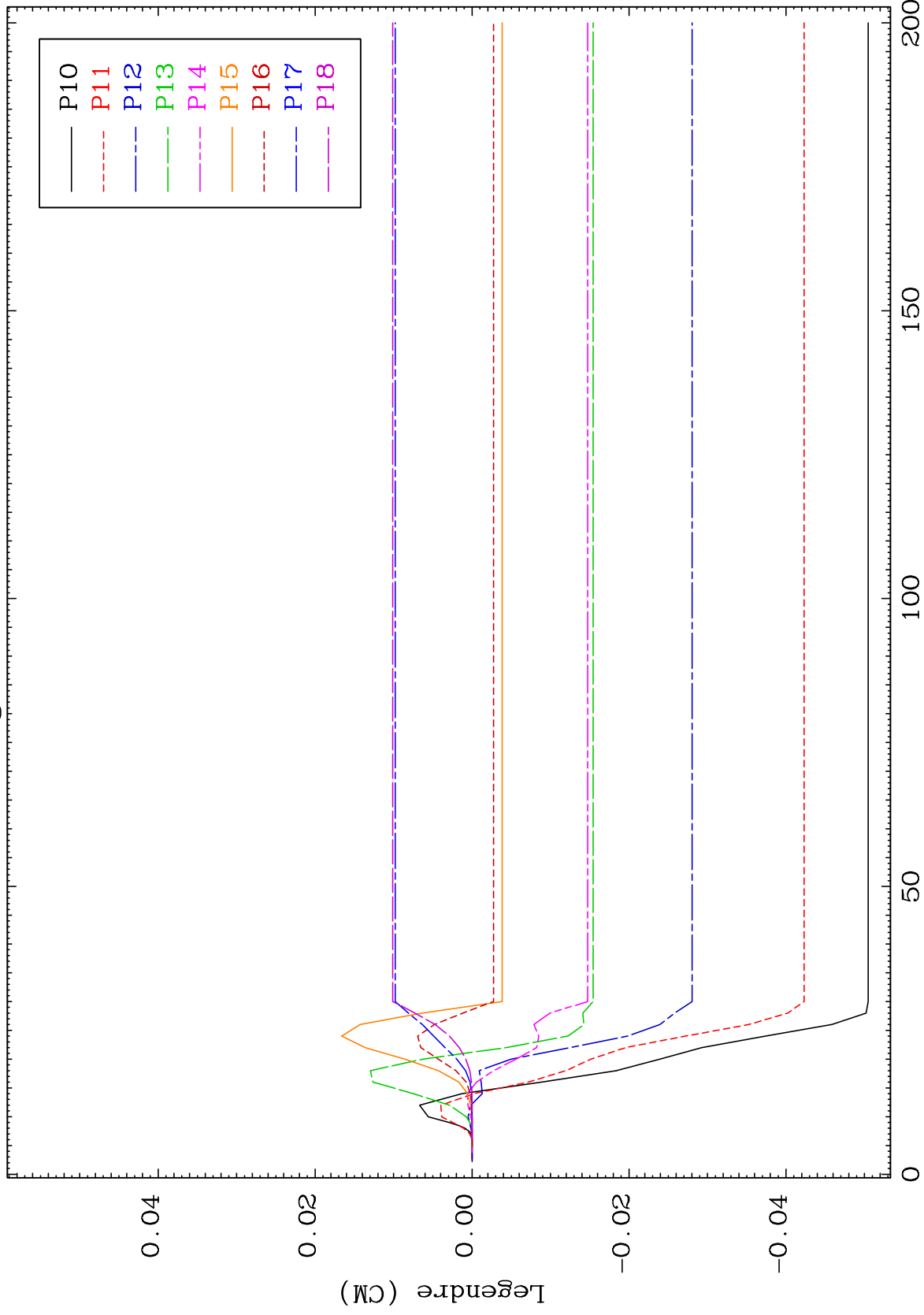
62

51-Sb-117

MAT 5113

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

51-Sb-117



64

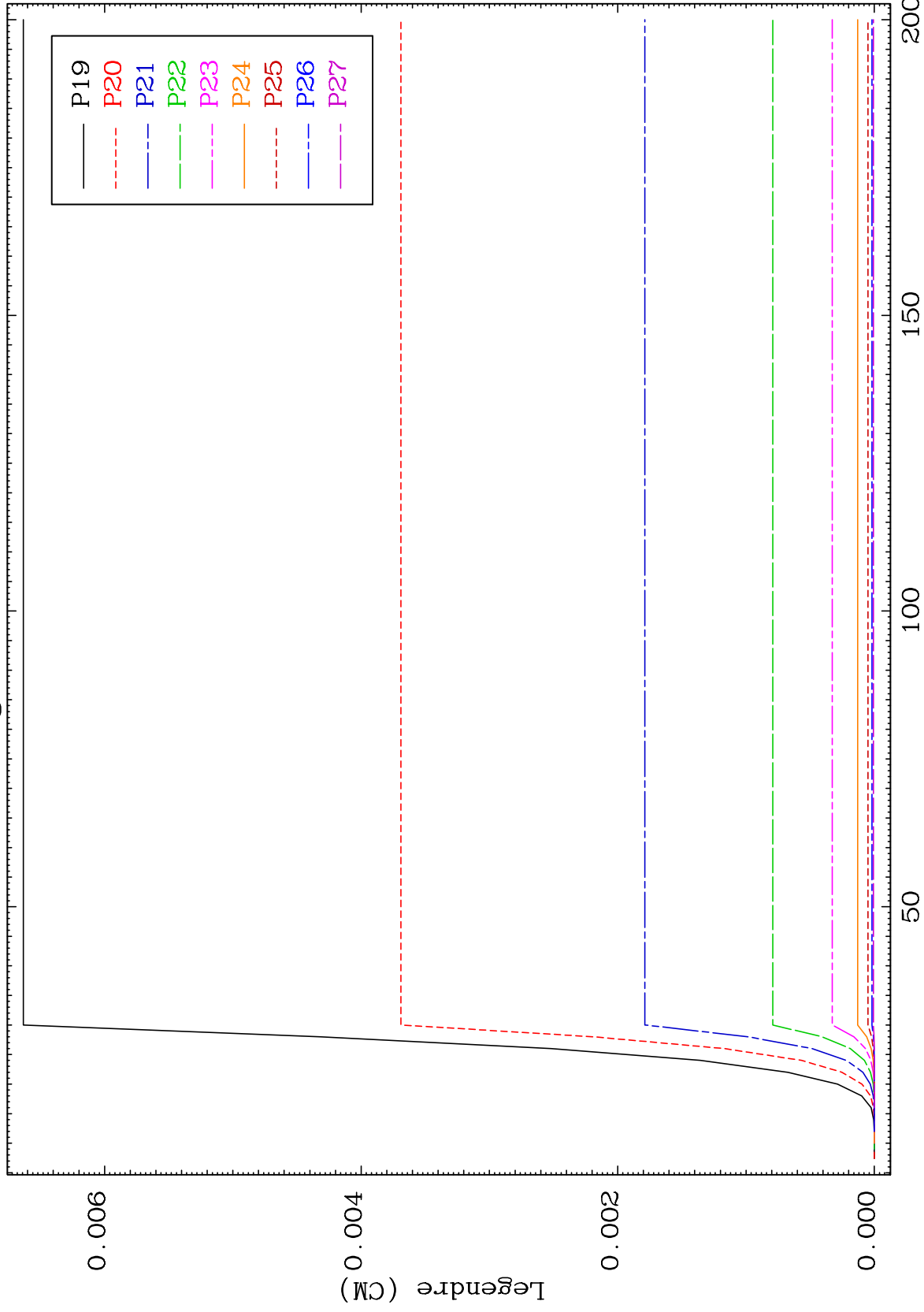
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



65

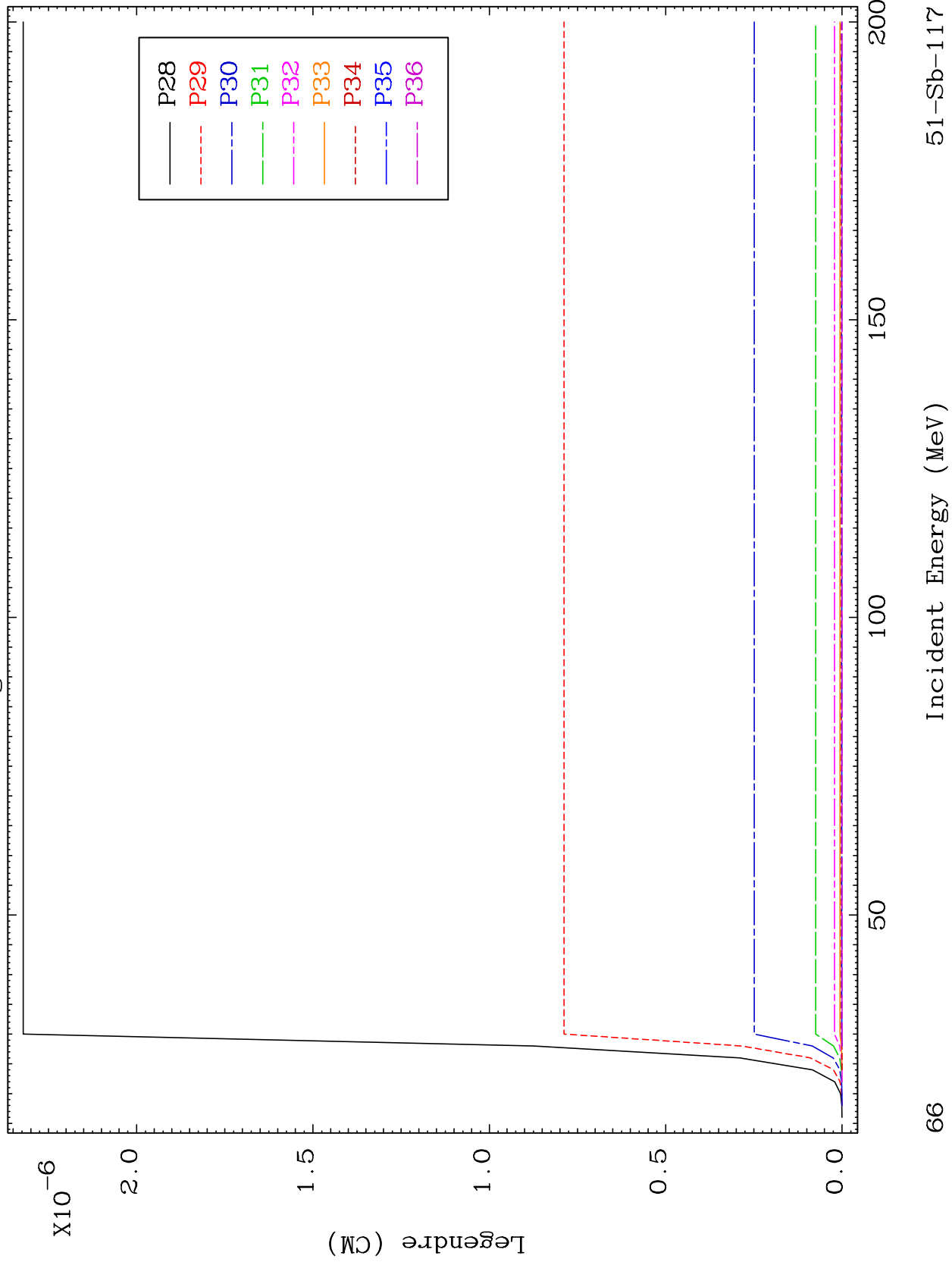
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



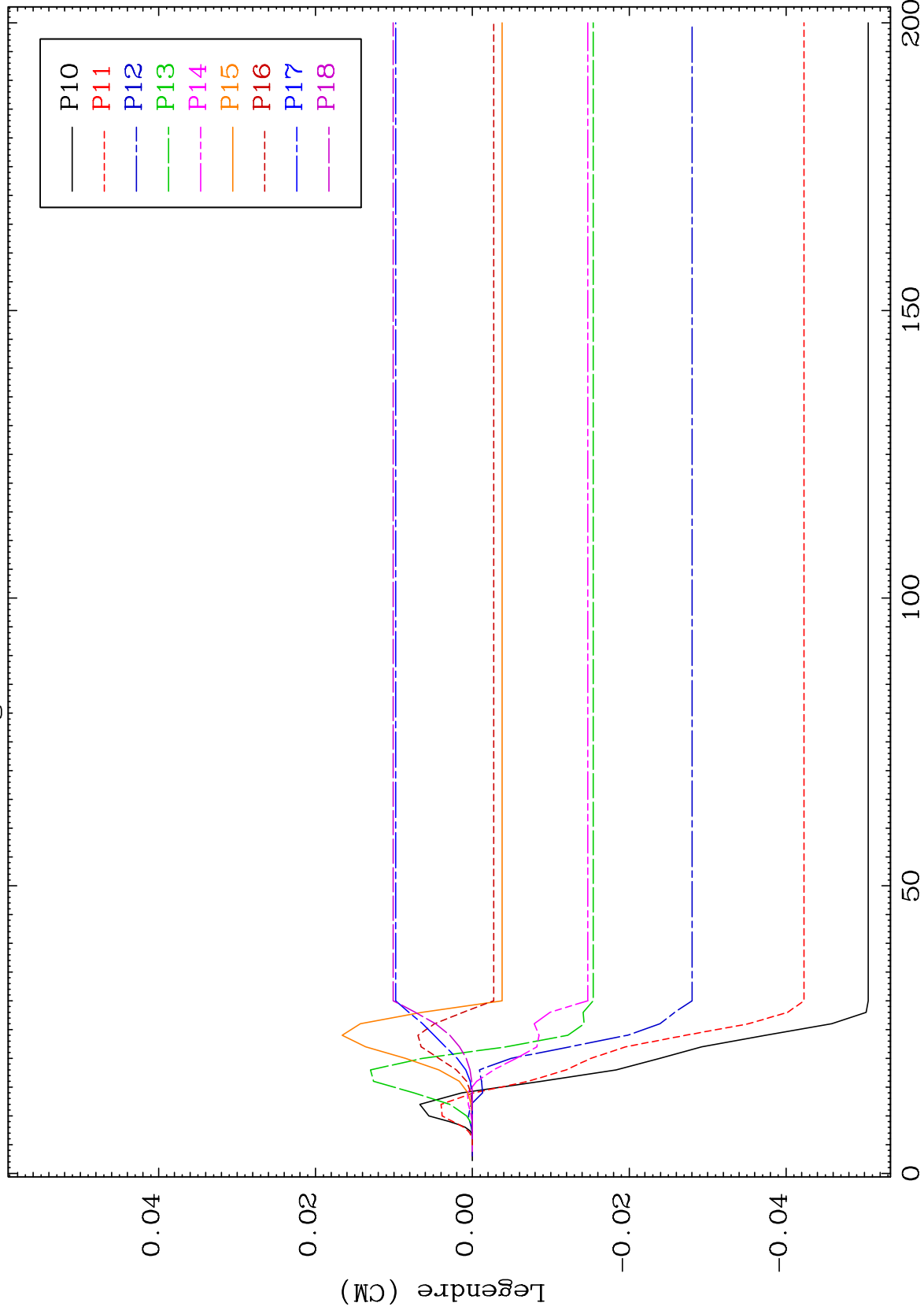
66

51-Sb-117

MAT 5113

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

51-Sb-117



68

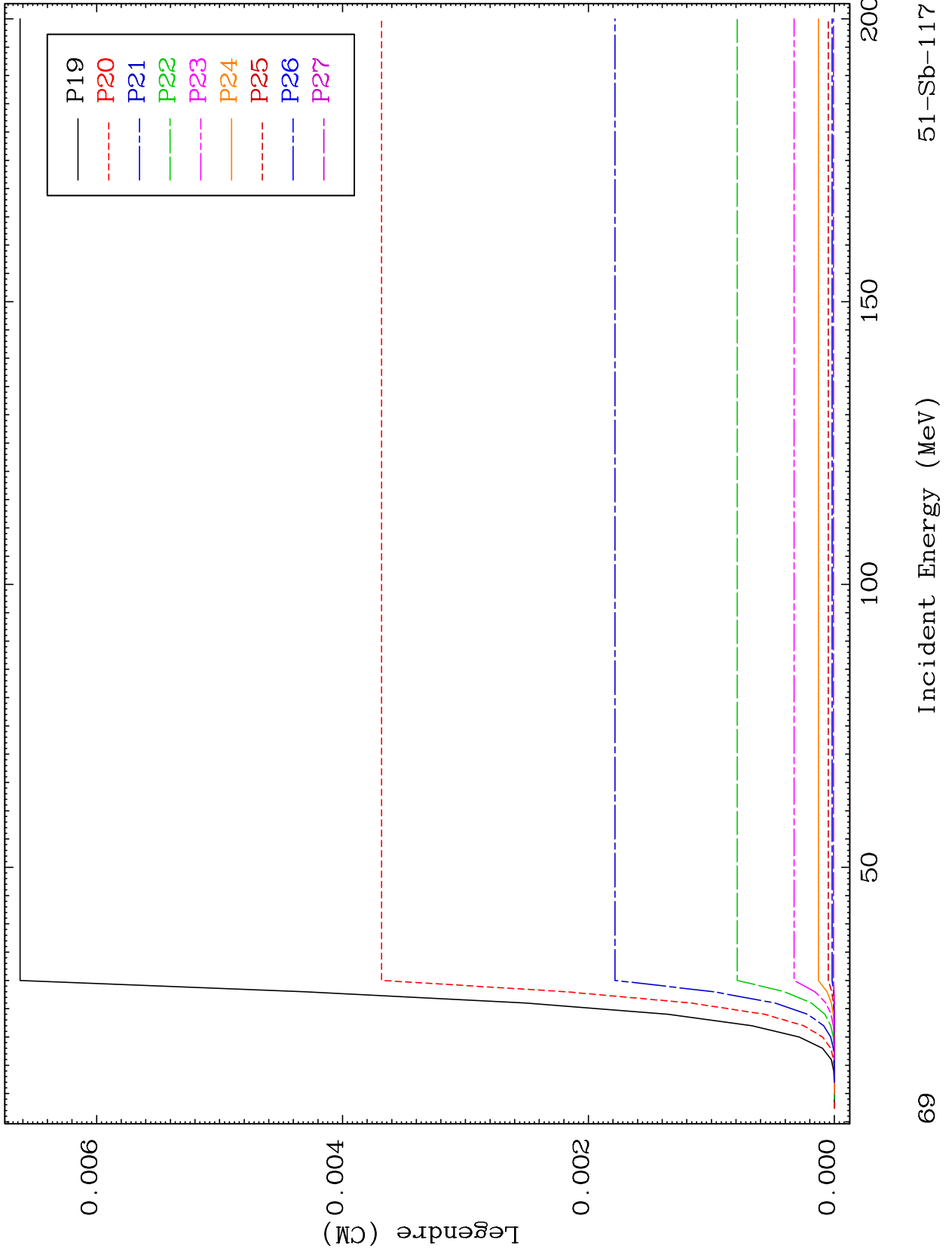
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



69

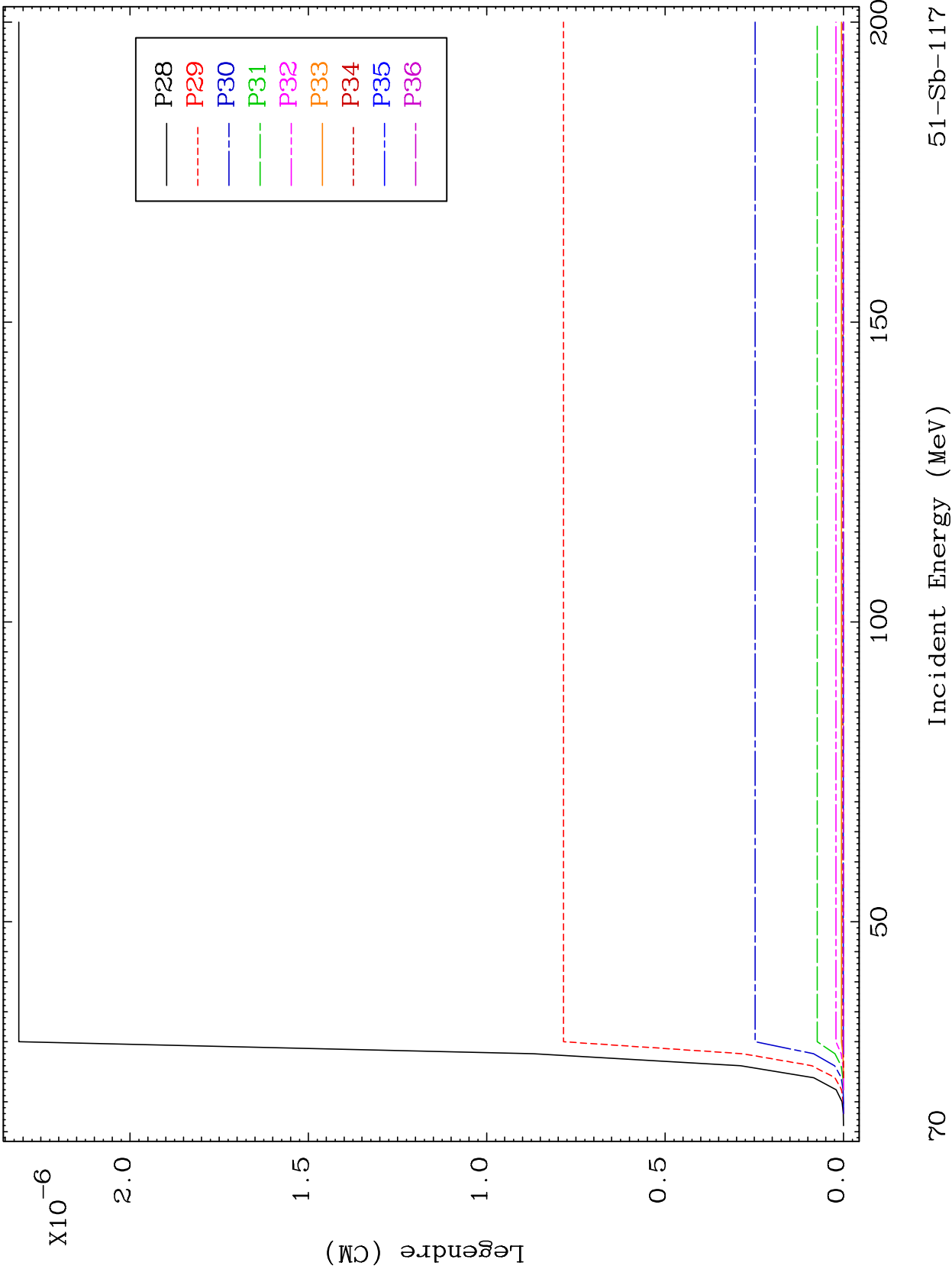
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

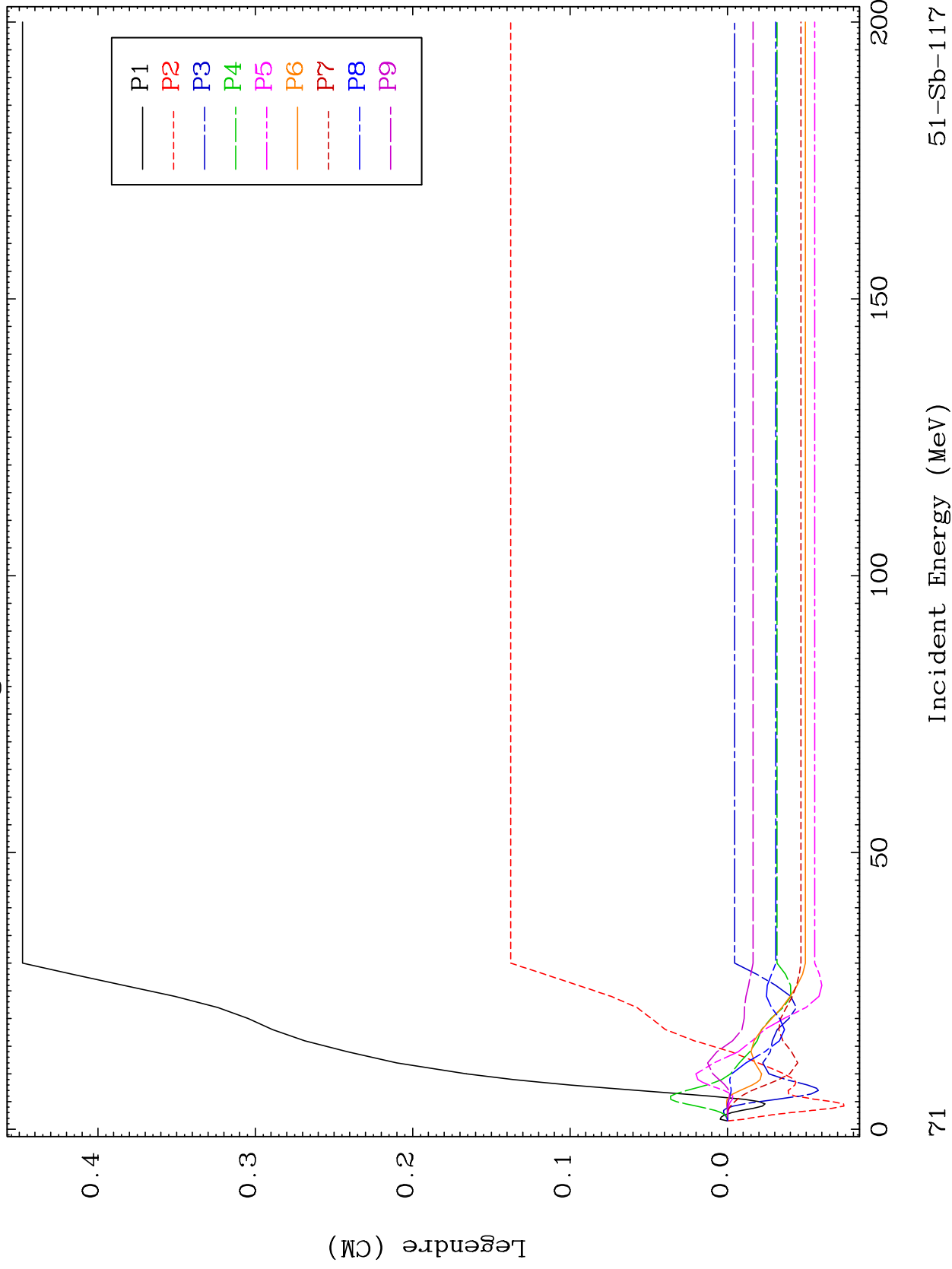
51-Sb-117



MAT 5113

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

51-Sb-117



51-Sb-117

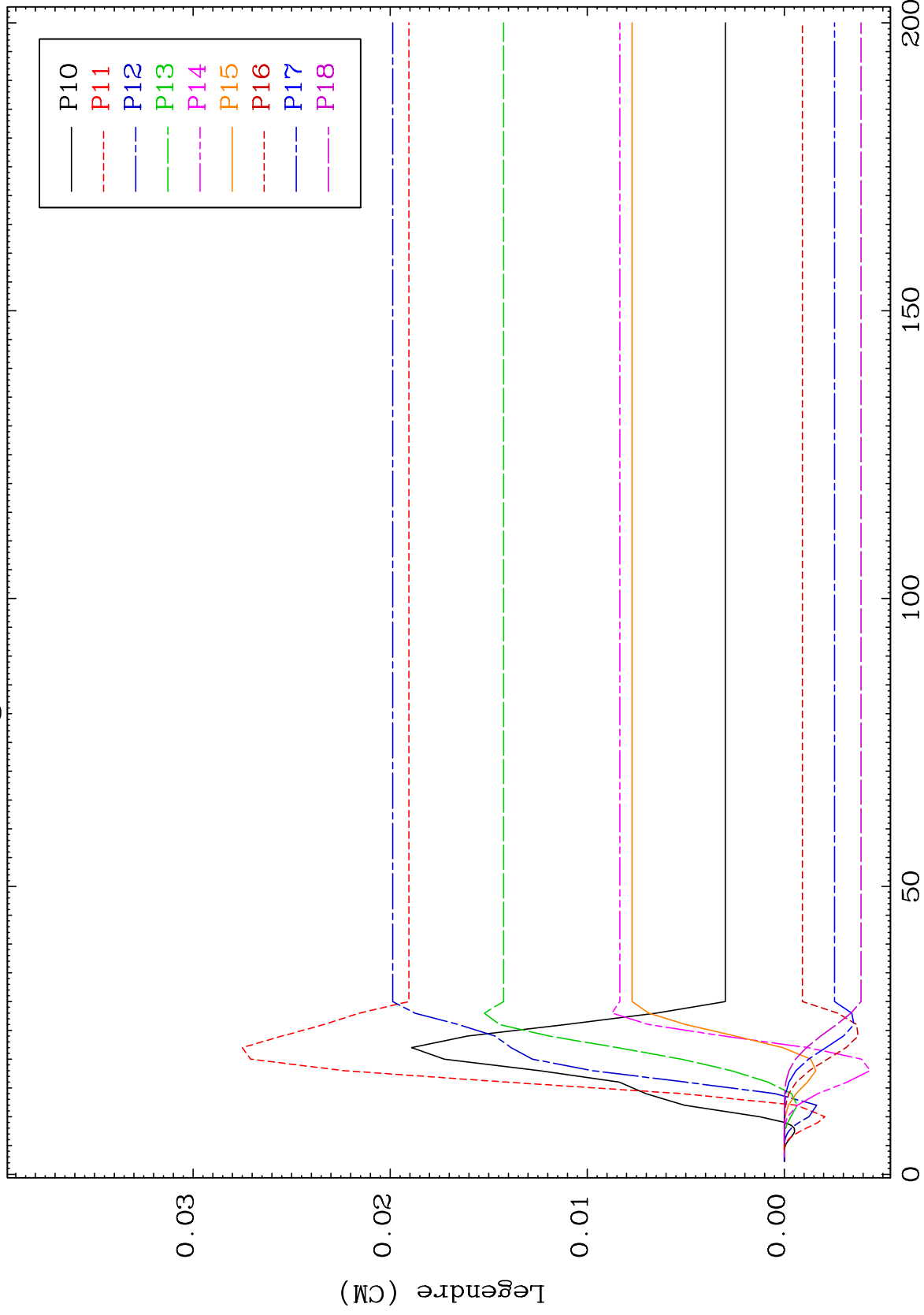
Incident Energy (MeV)

71

MAT 5113

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

51-Sb-117



72

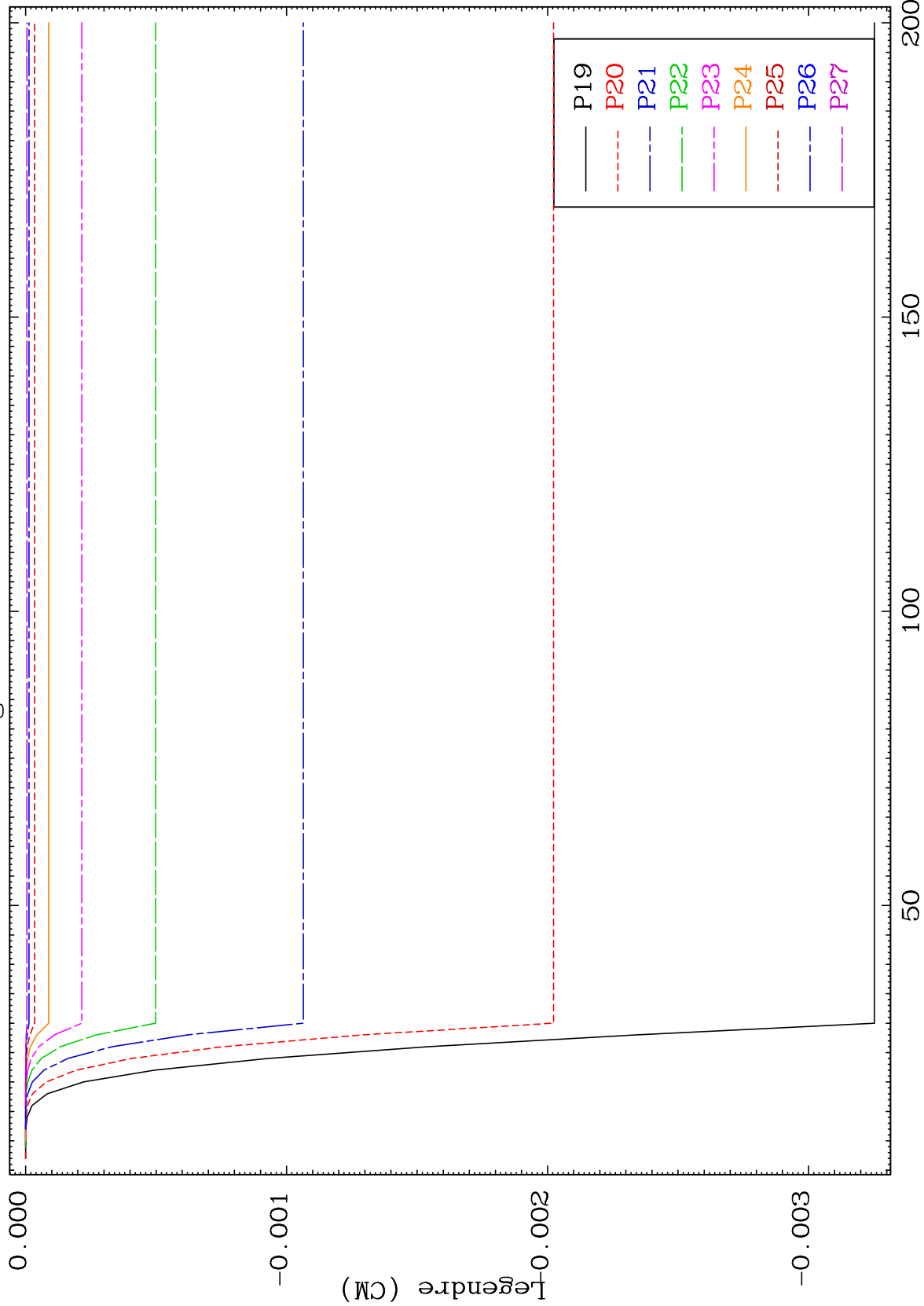
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

Incident Energy (MeV)

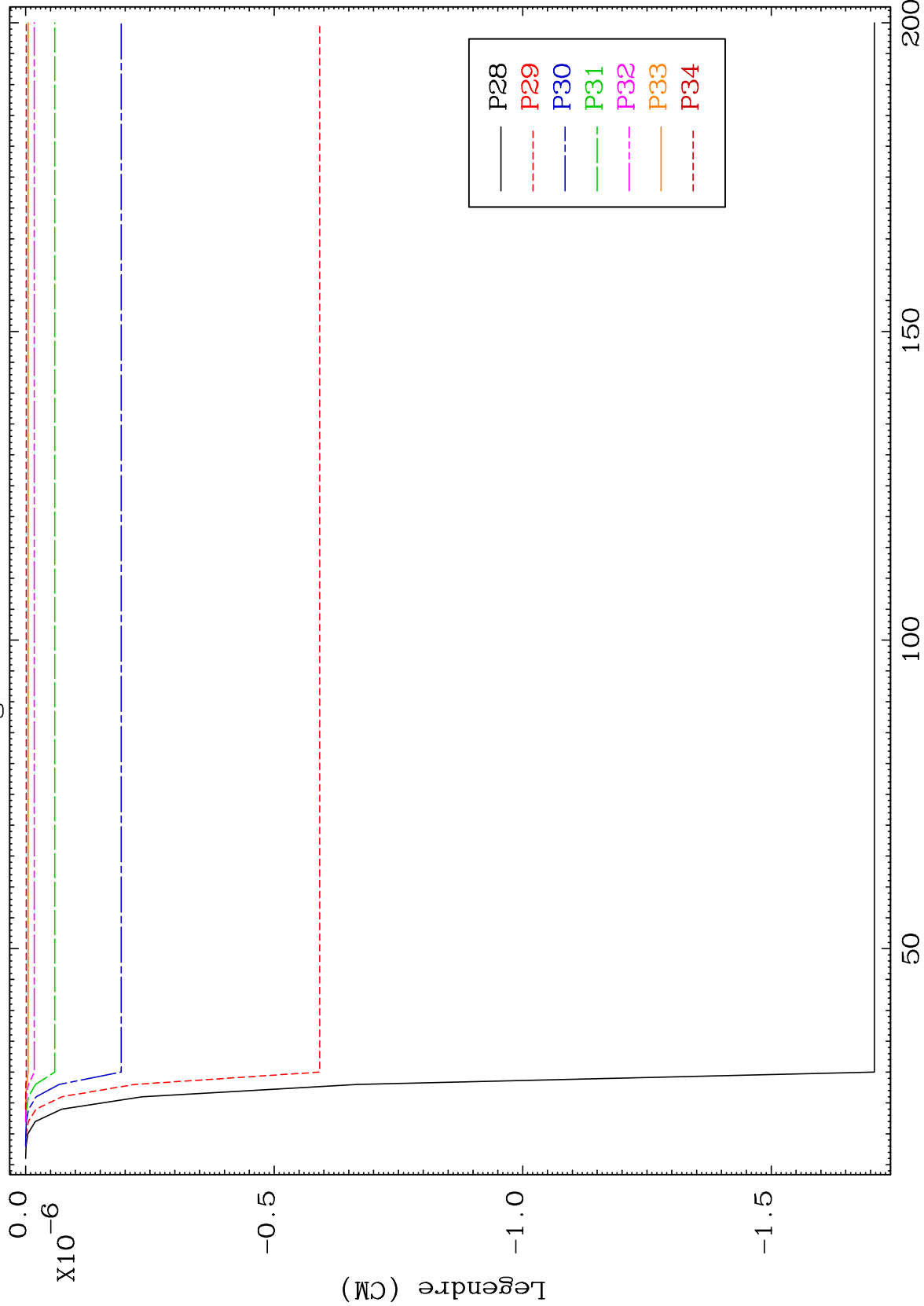
73

MAT 5113

MT= 64 (n,n') Level

51-Sb-117

Legendre Coefficients



74

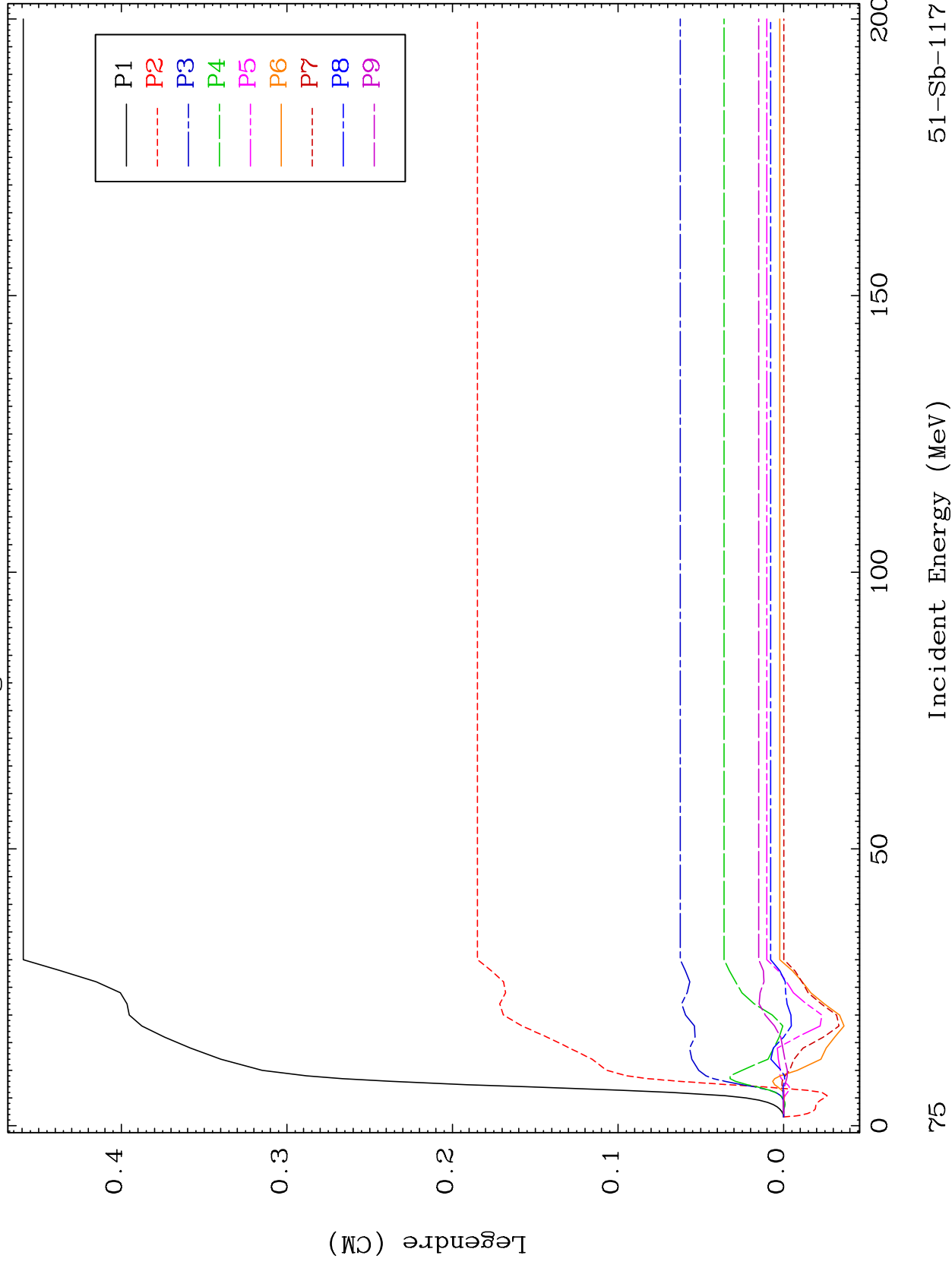
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



51-Sb-117

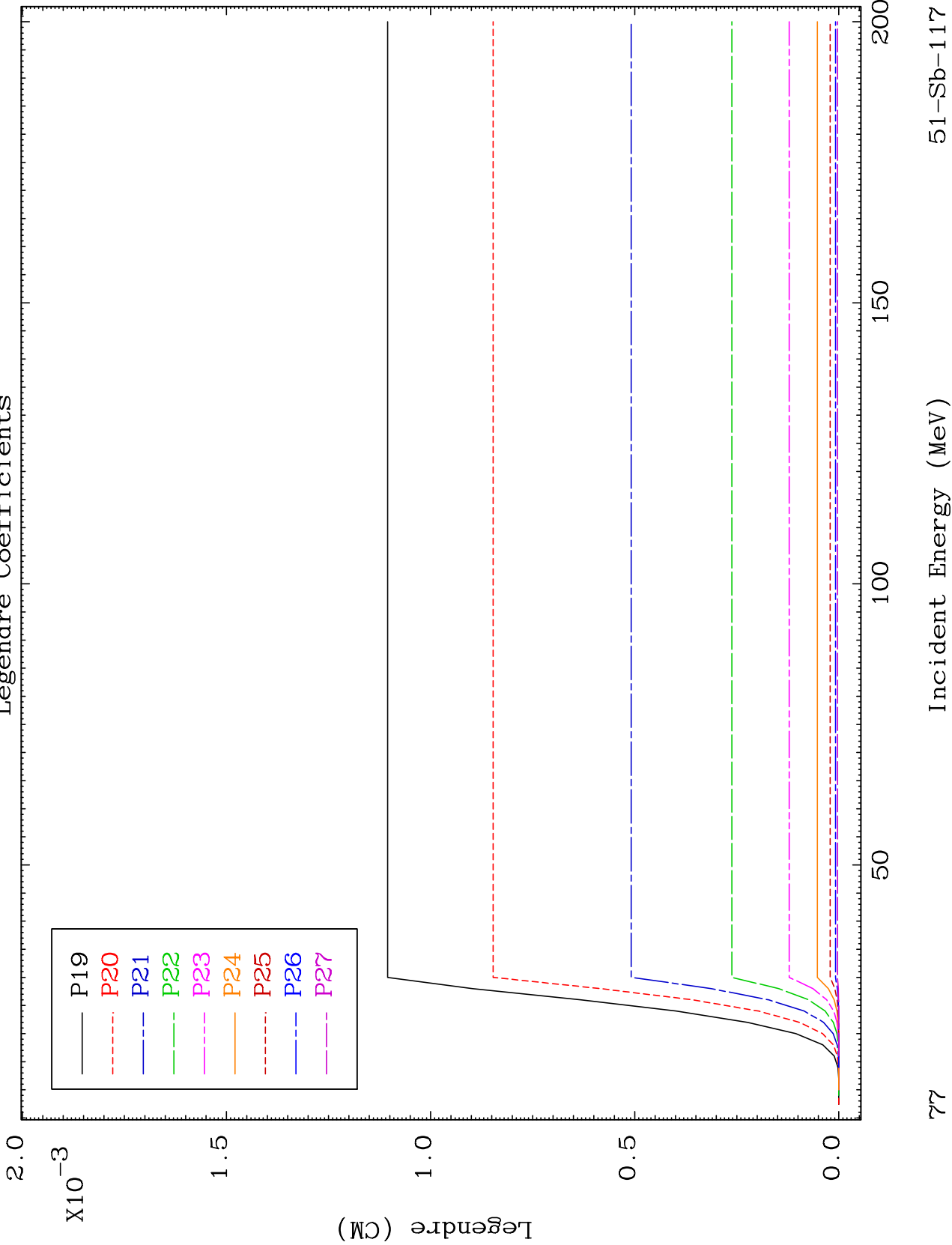
Incident Energy (MeV)

75

MAT 5113

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

51-Sb-117

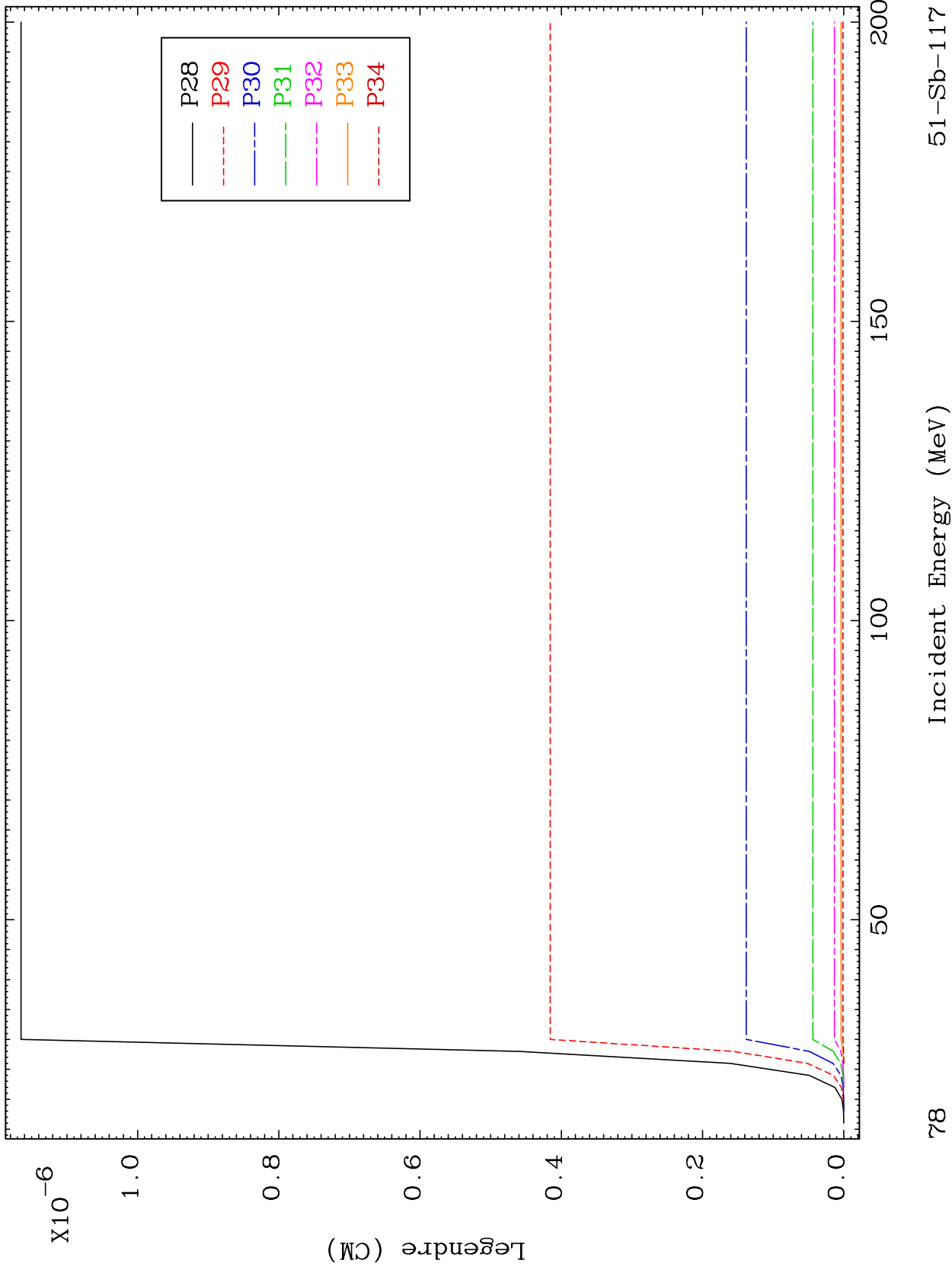


77

MAT 5113

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

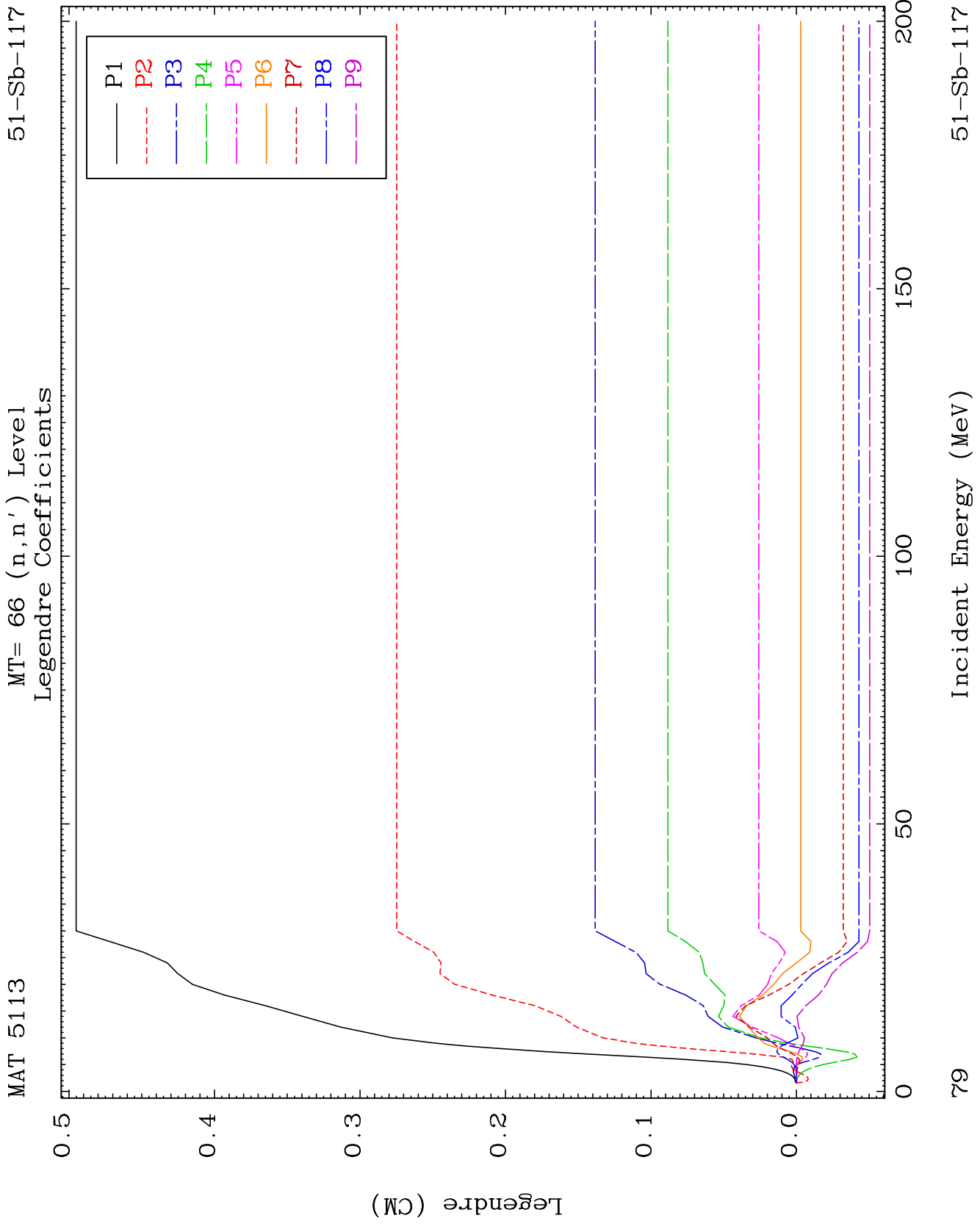
51-Sb-117



78

Incident Energy (MeV)

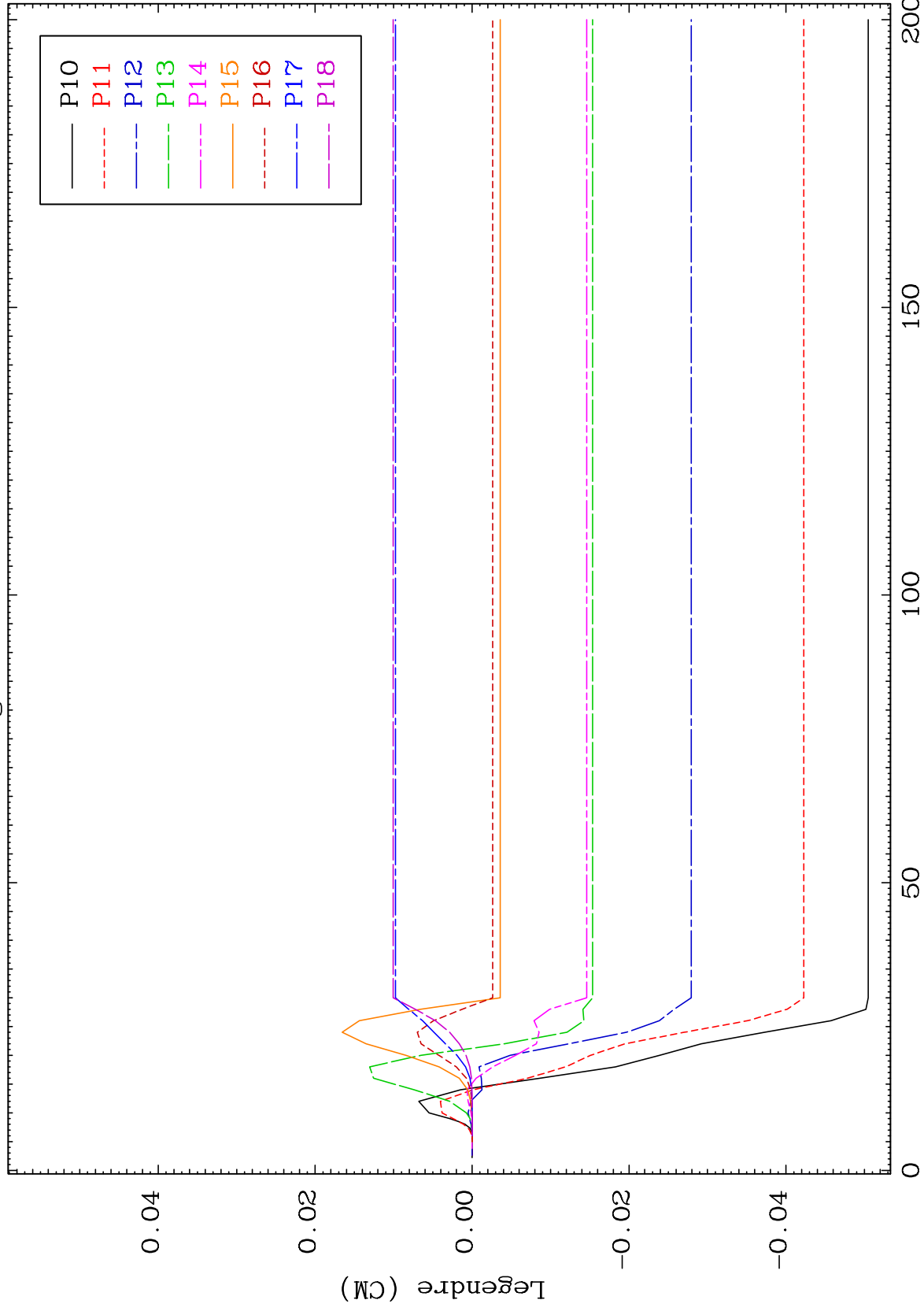
51-Sb-117



MAT 5113

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

51-Sb-117



80

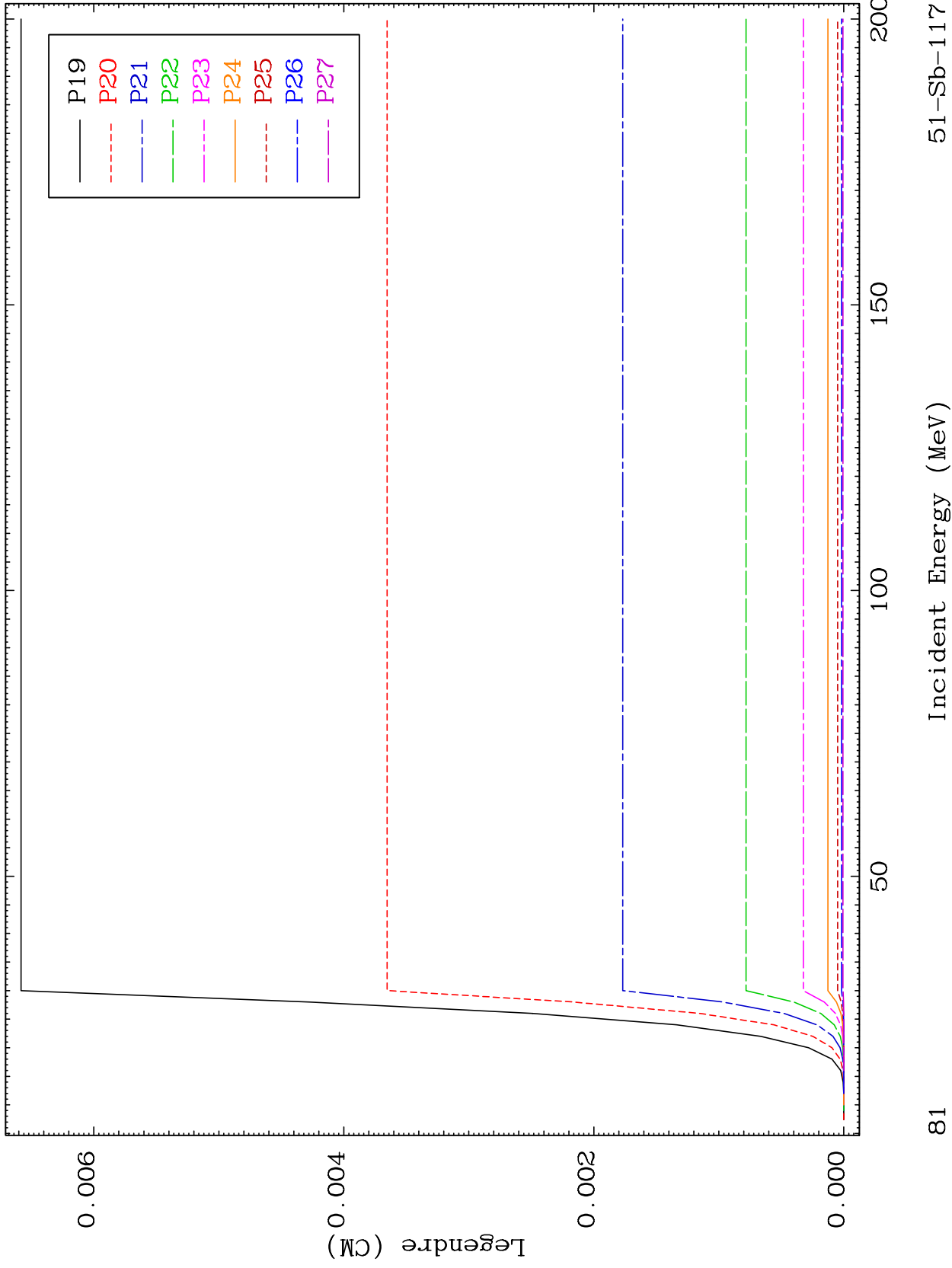
Incident Energy (MeV)

51-Sb-117

MAT 5113

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

51-Sb-117



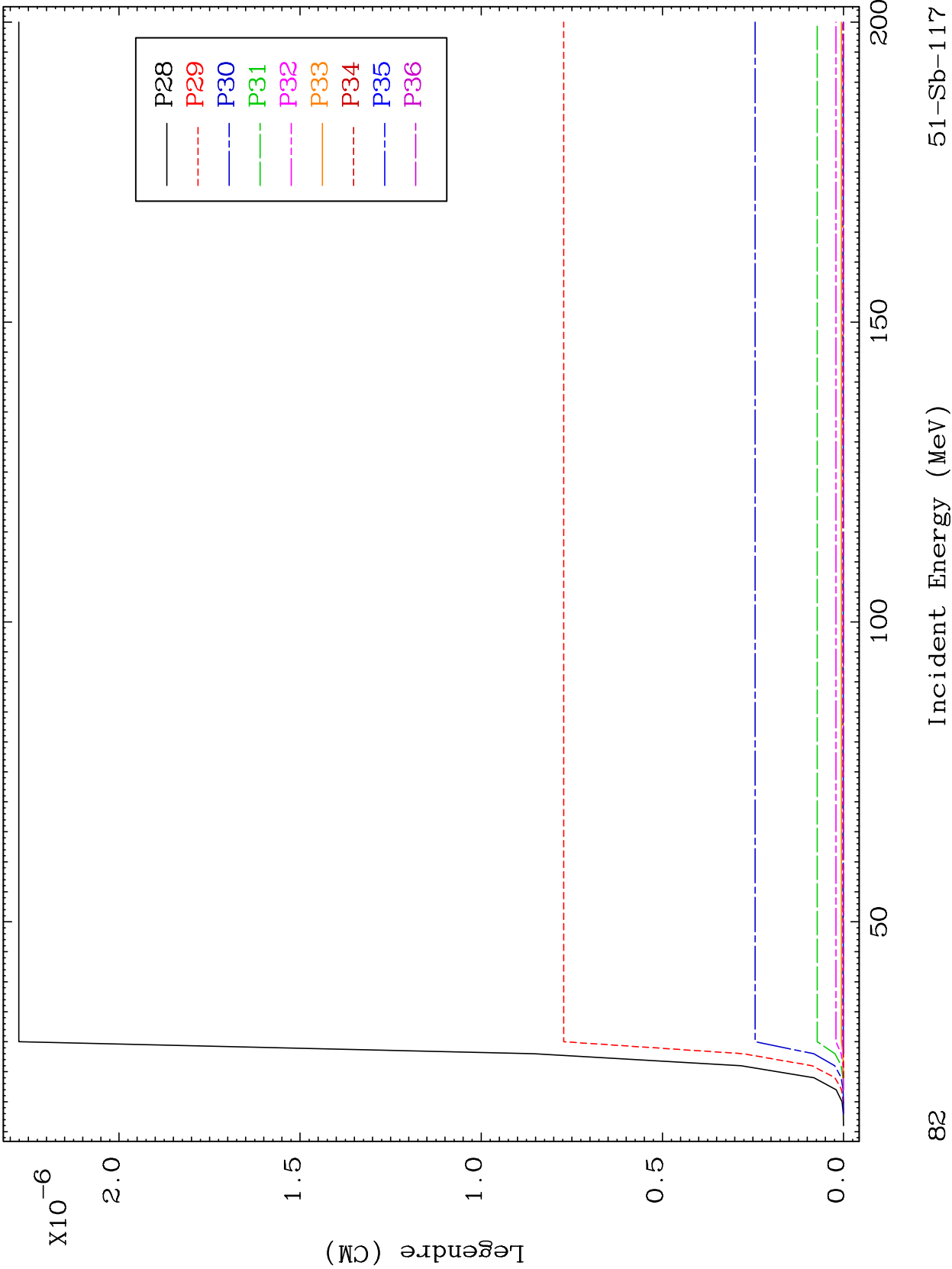
81

51-Sb-117

MAT 5113

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

51-Sb-117



82

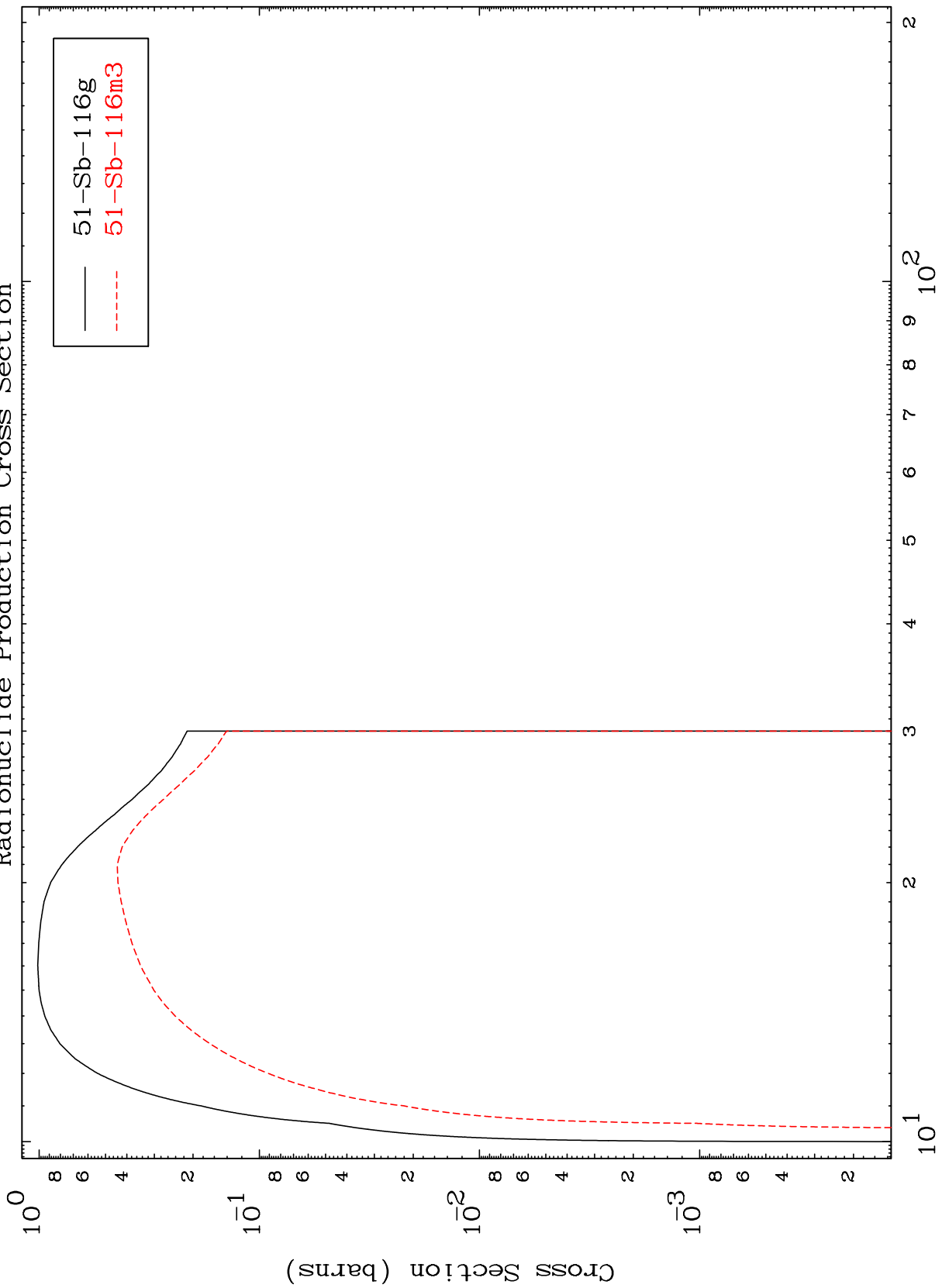
51-Sb-117

MAT 5113

51-Sb-117

(n,2n)

Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

51-Sb-117

Incident Energy (MeV)

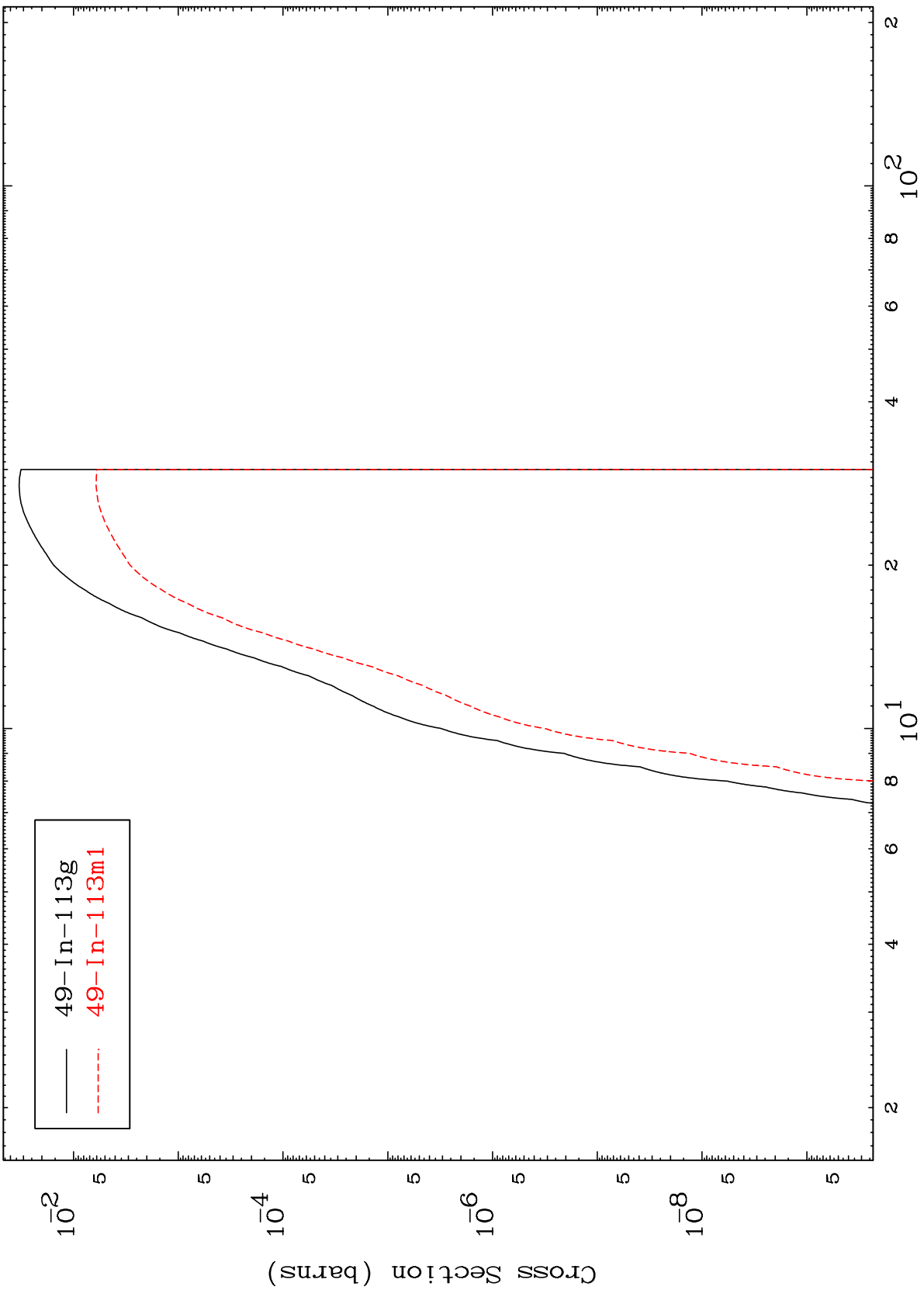
83

MAT 5113

(n,n') α

51-Sb-117

Radionuclide Production Cross Section



84

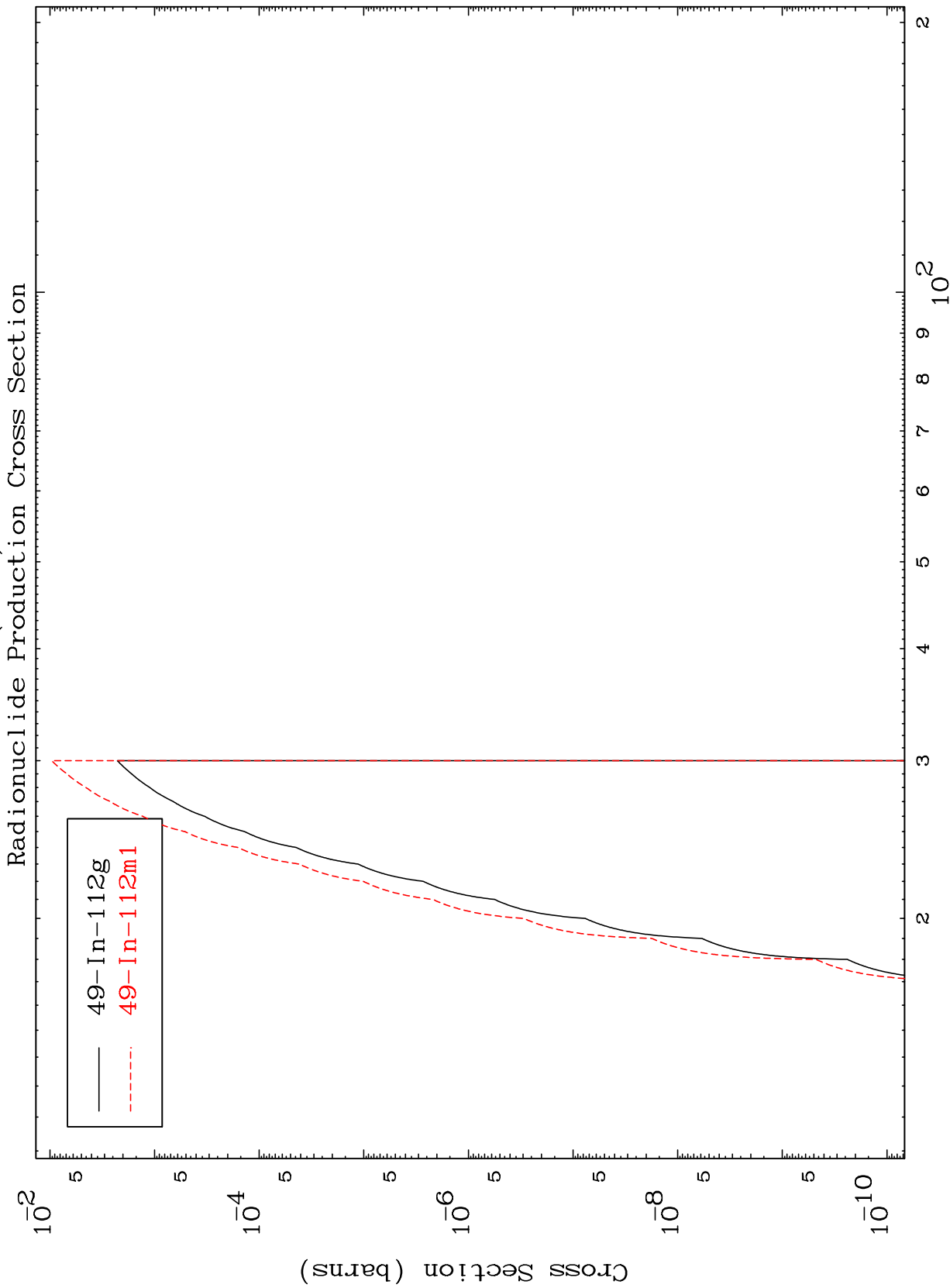
Incident Energy (MeV)

51-Sb-117

MAT 5113

(n,2n) α

51-Sb-117

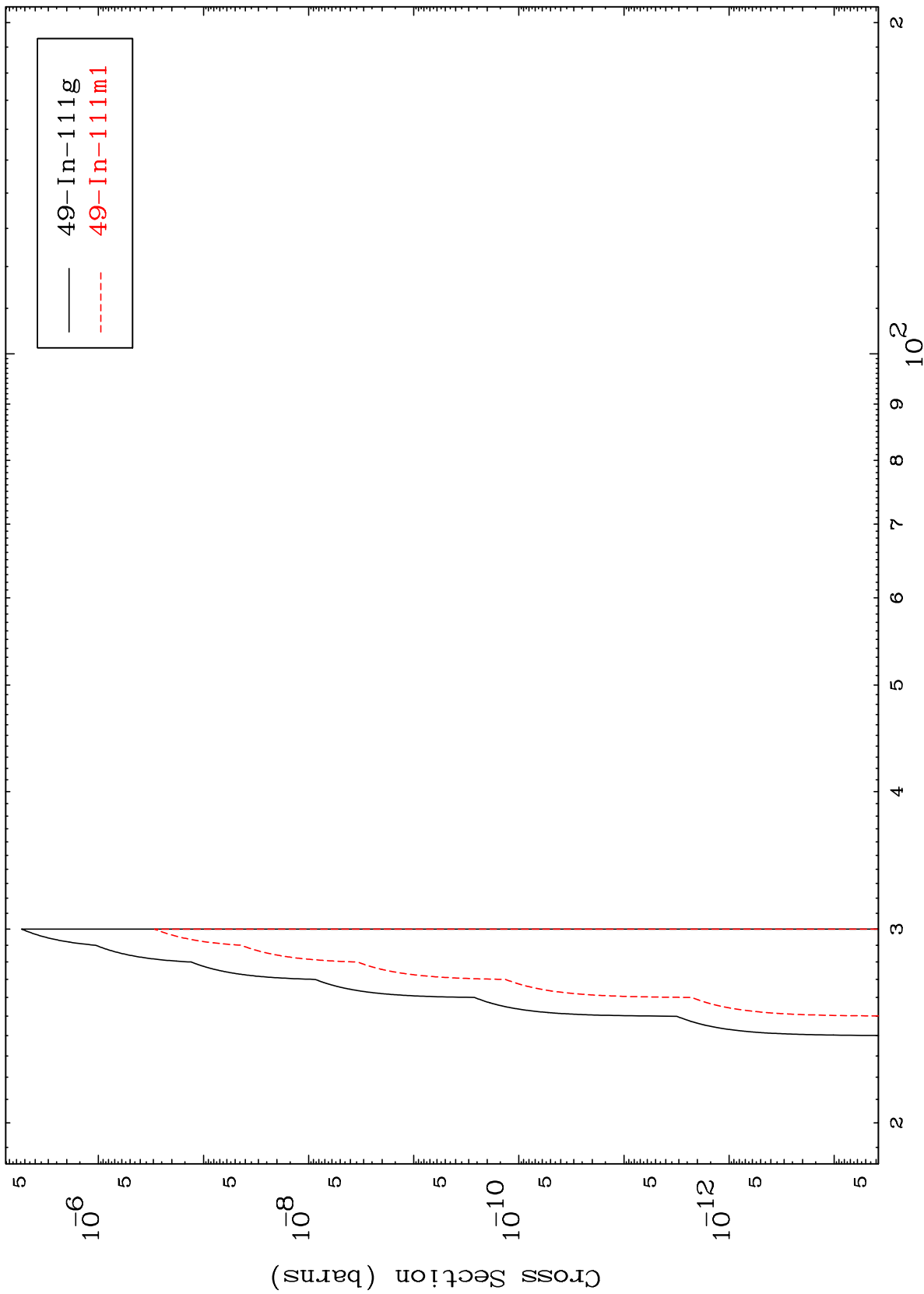


MAT 5113

(n,3n) α

51-Sb-117

Radionuclide Production Cross Section



86

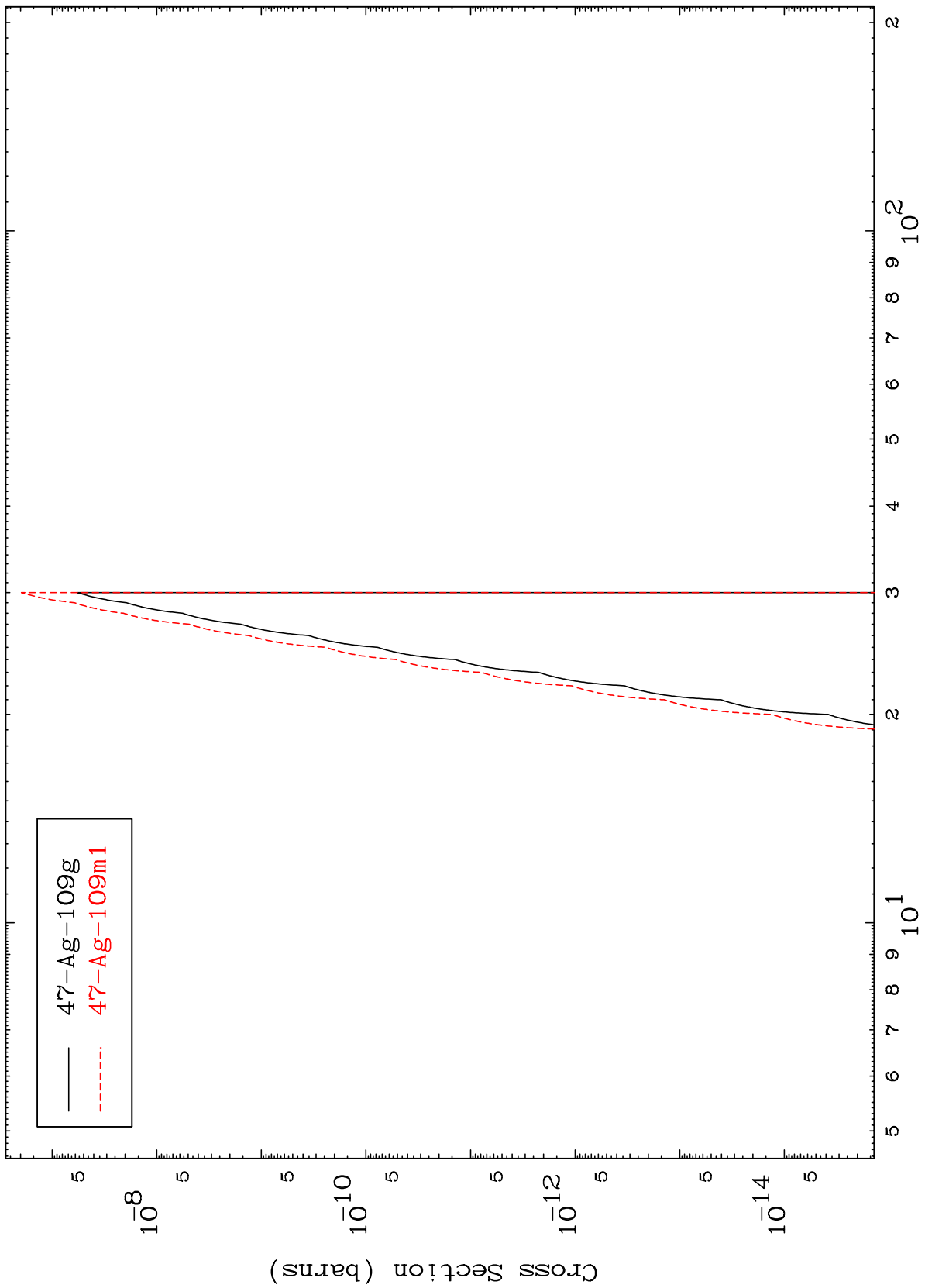
Incident Energy (MeV)

51-Sb-117

MAT 5113

51-Sb-117

(n,n') 2α
Radionuclide Production Cross Section



87

Incident Energy (MeV)

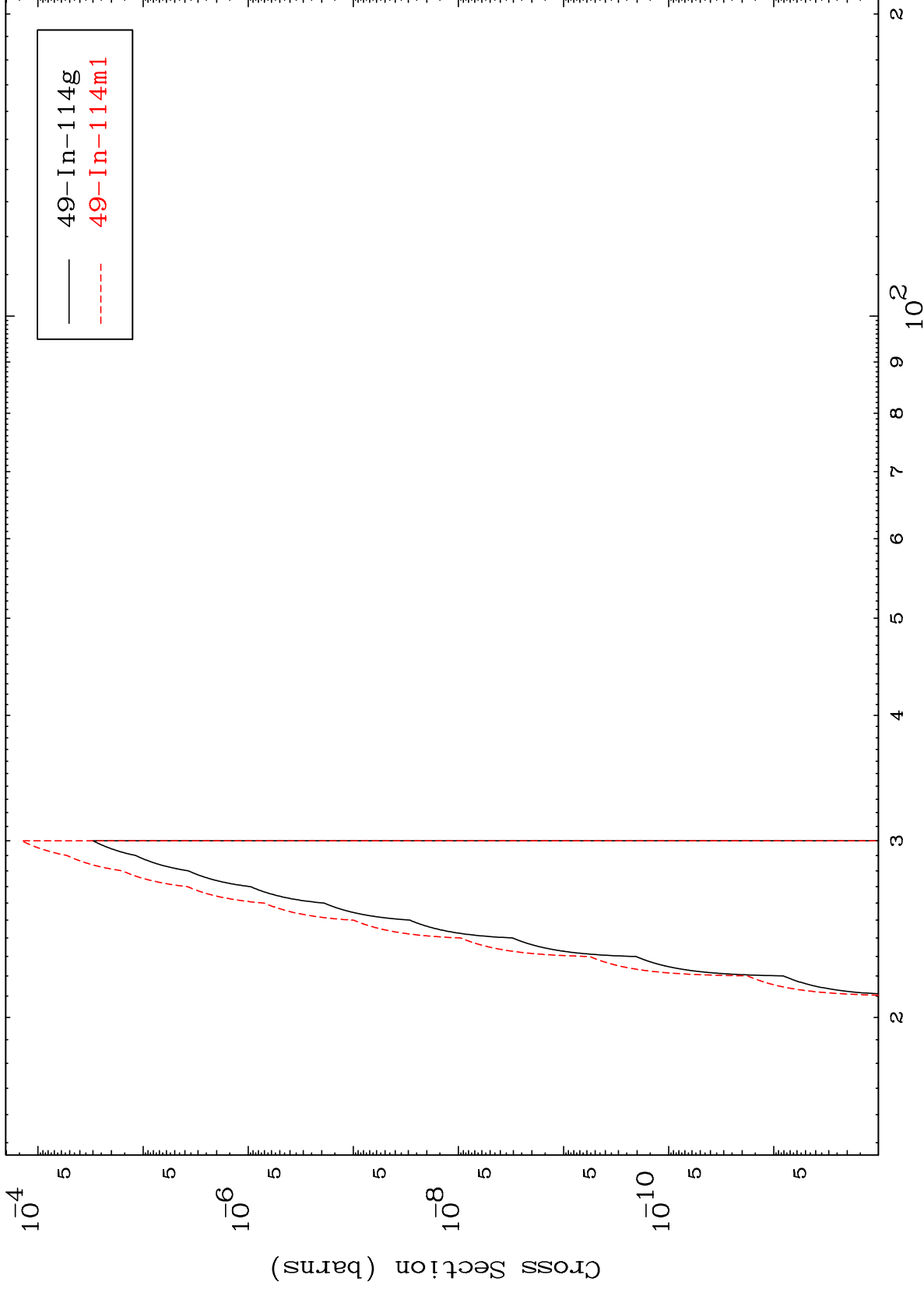
51-Sb-117

MAT 5113

(n,n') He-3

51-Sb-117

Radionuclide Production Cross Section

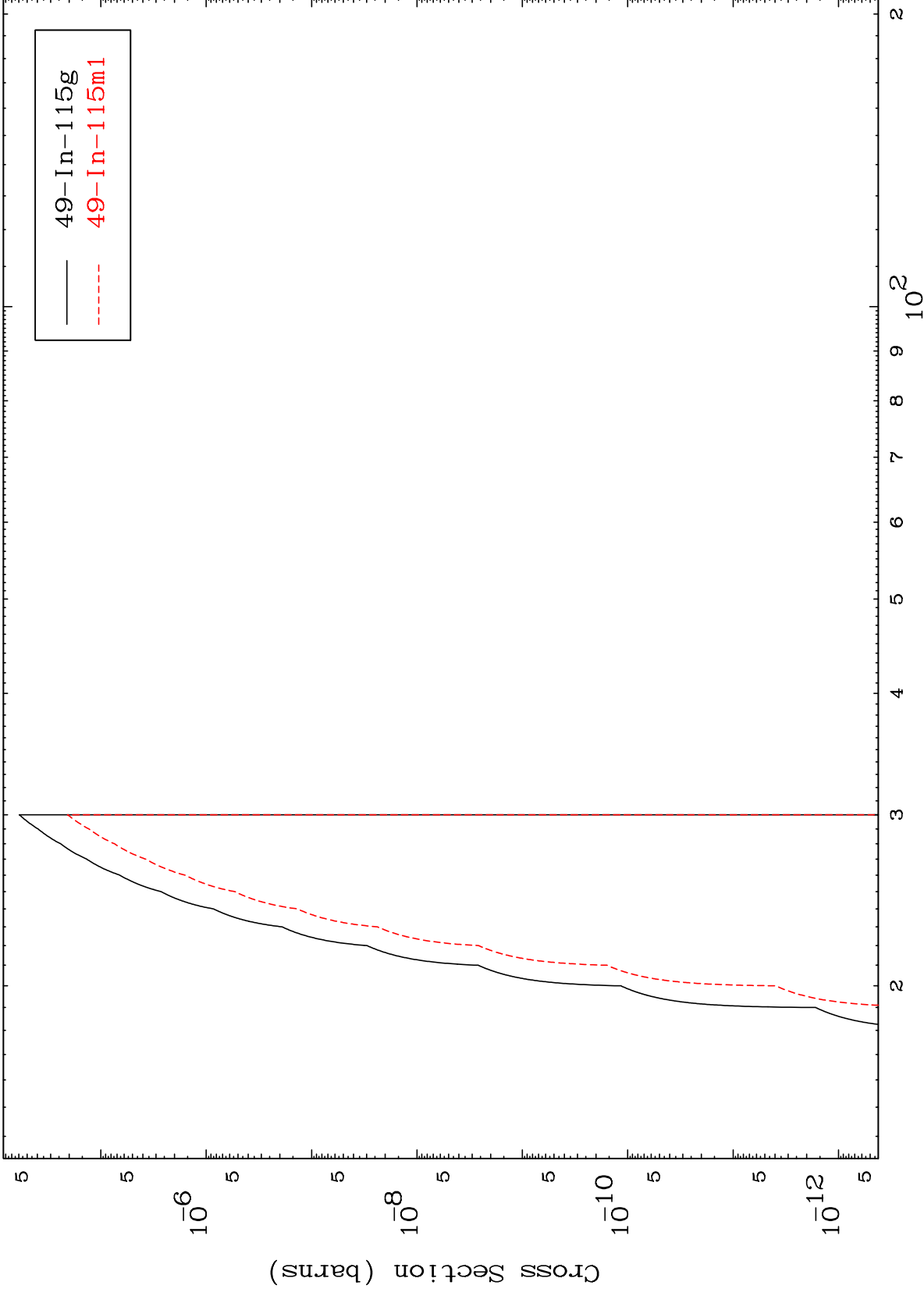


88

Incident Energy (MeV)

51-Sb-117

Radionuclide Production Cross Section

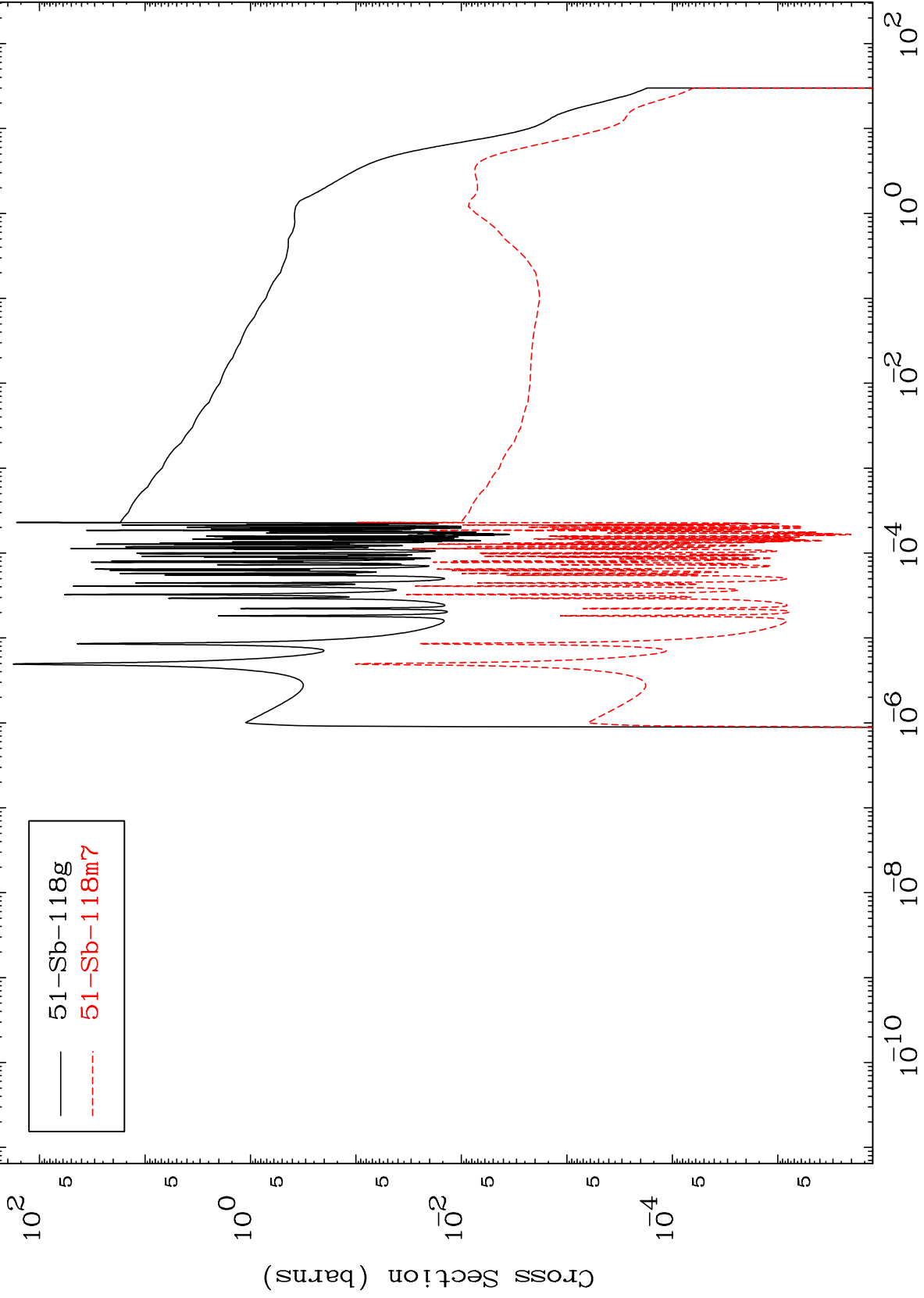


— 49-In-115g
- - - 49-In-115m1

MAT 5113

51-Sb-117

Radionuclide Production Cross Section



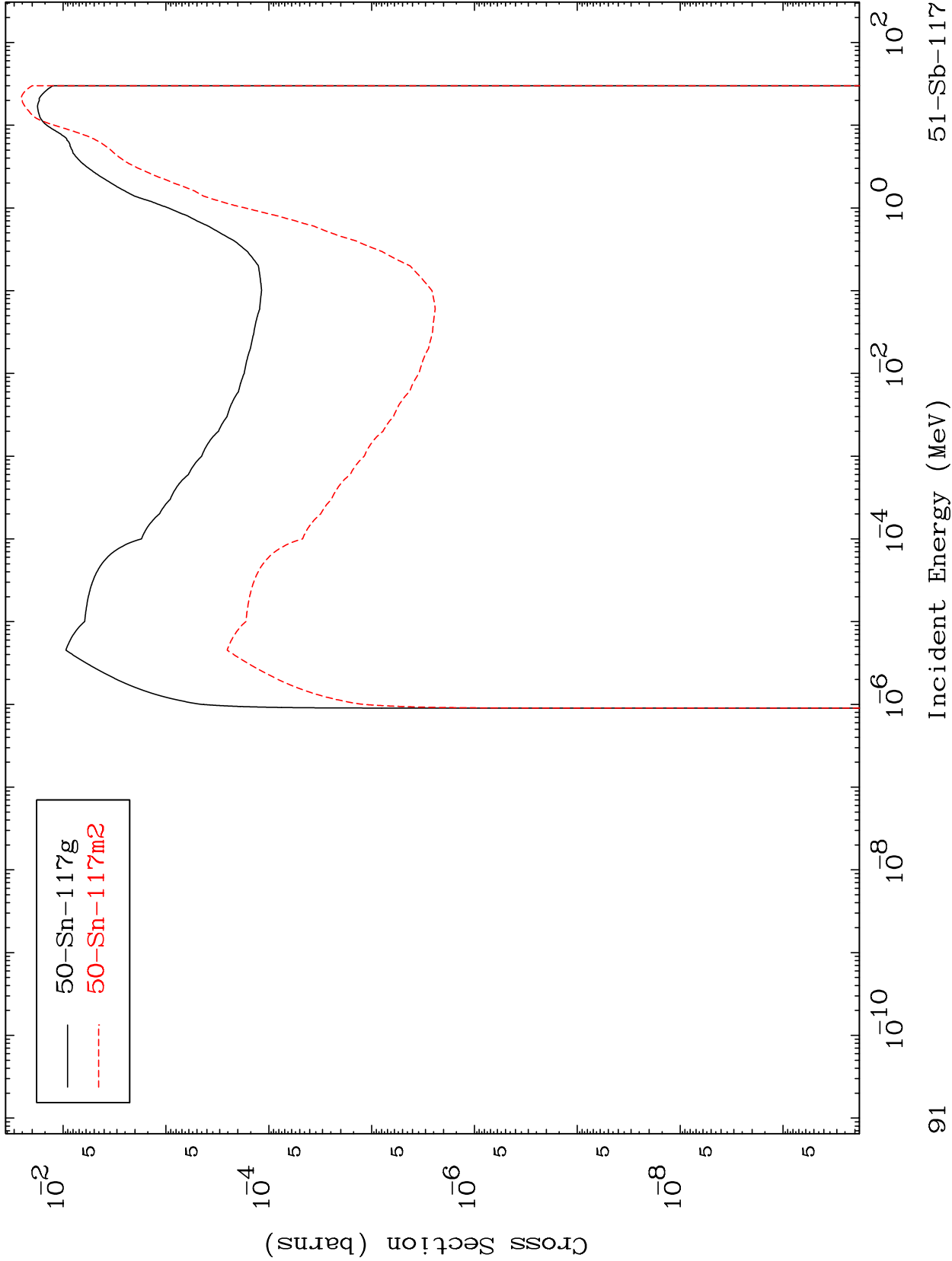
90

51-Sb-117

MAT 5113

51-Sb-117

(n,p)
Radionuclide Production Cross Section

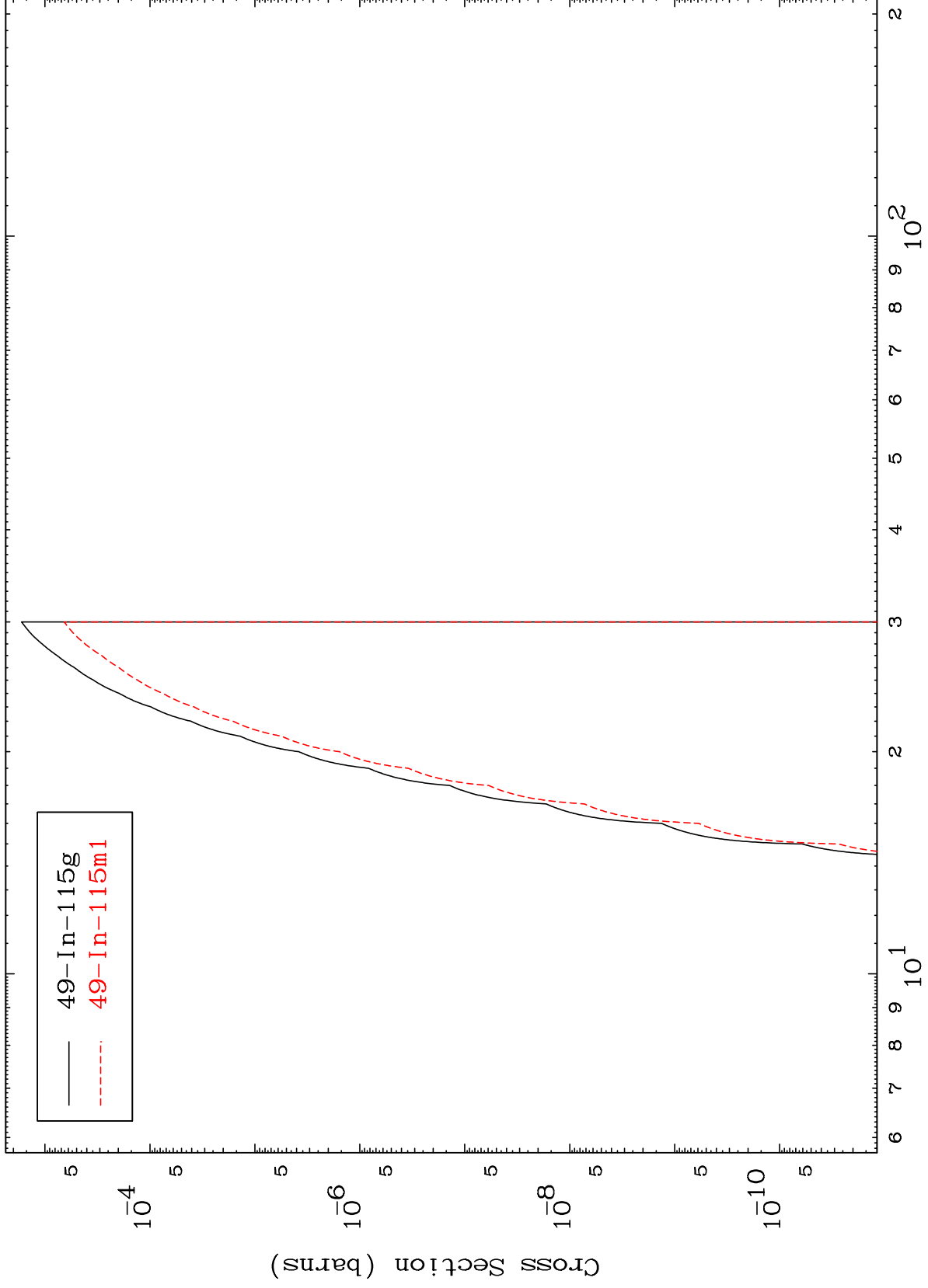


MAT 5113

(n,He-3)

51-Sb-117

Radionuclide Production Cross Section



92

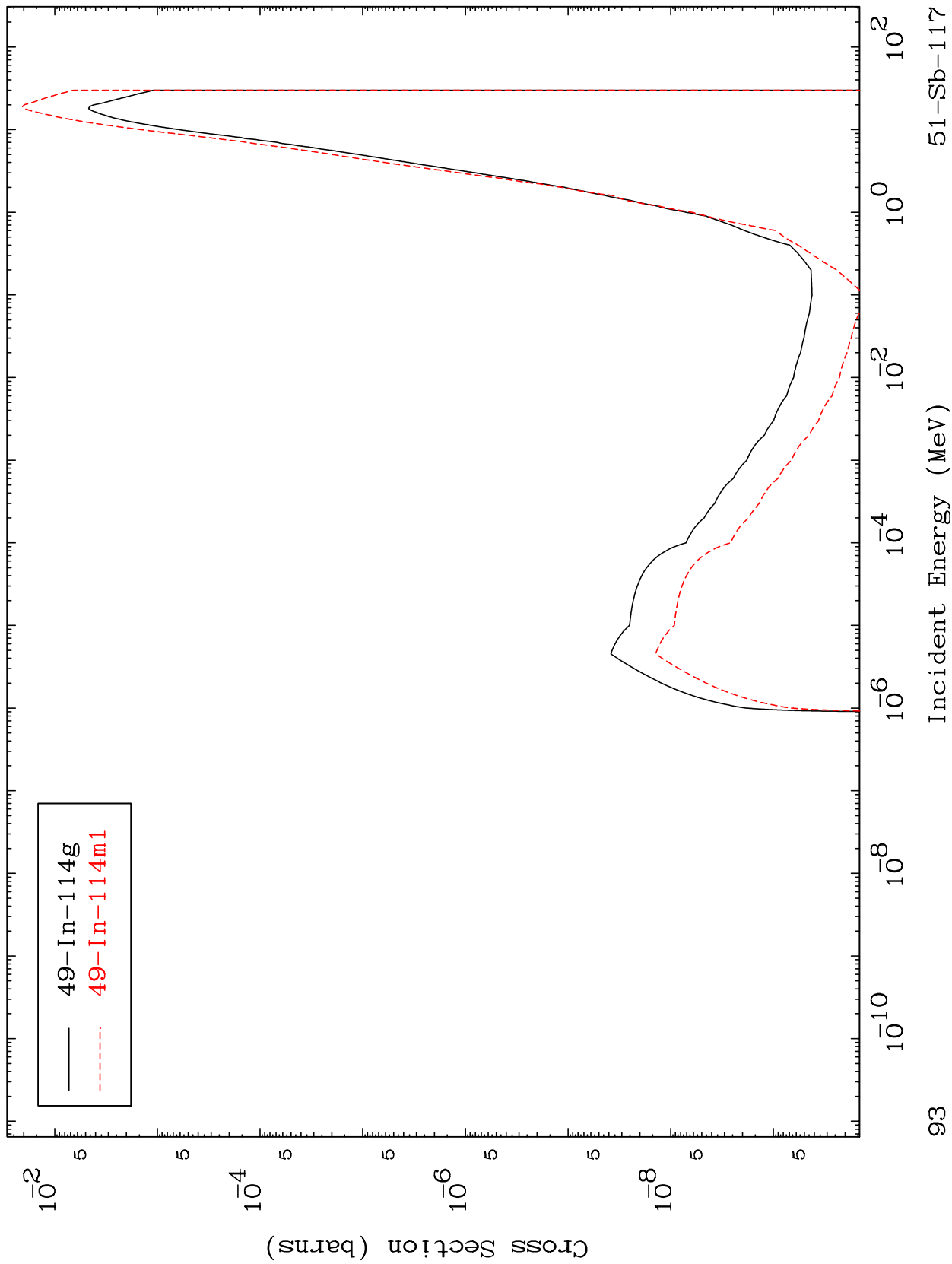
Incident Energy (MeV)

51-Sb-117

MAT 5113

51-Sb-117

Radionuclide Production Cross Section
(n, α)

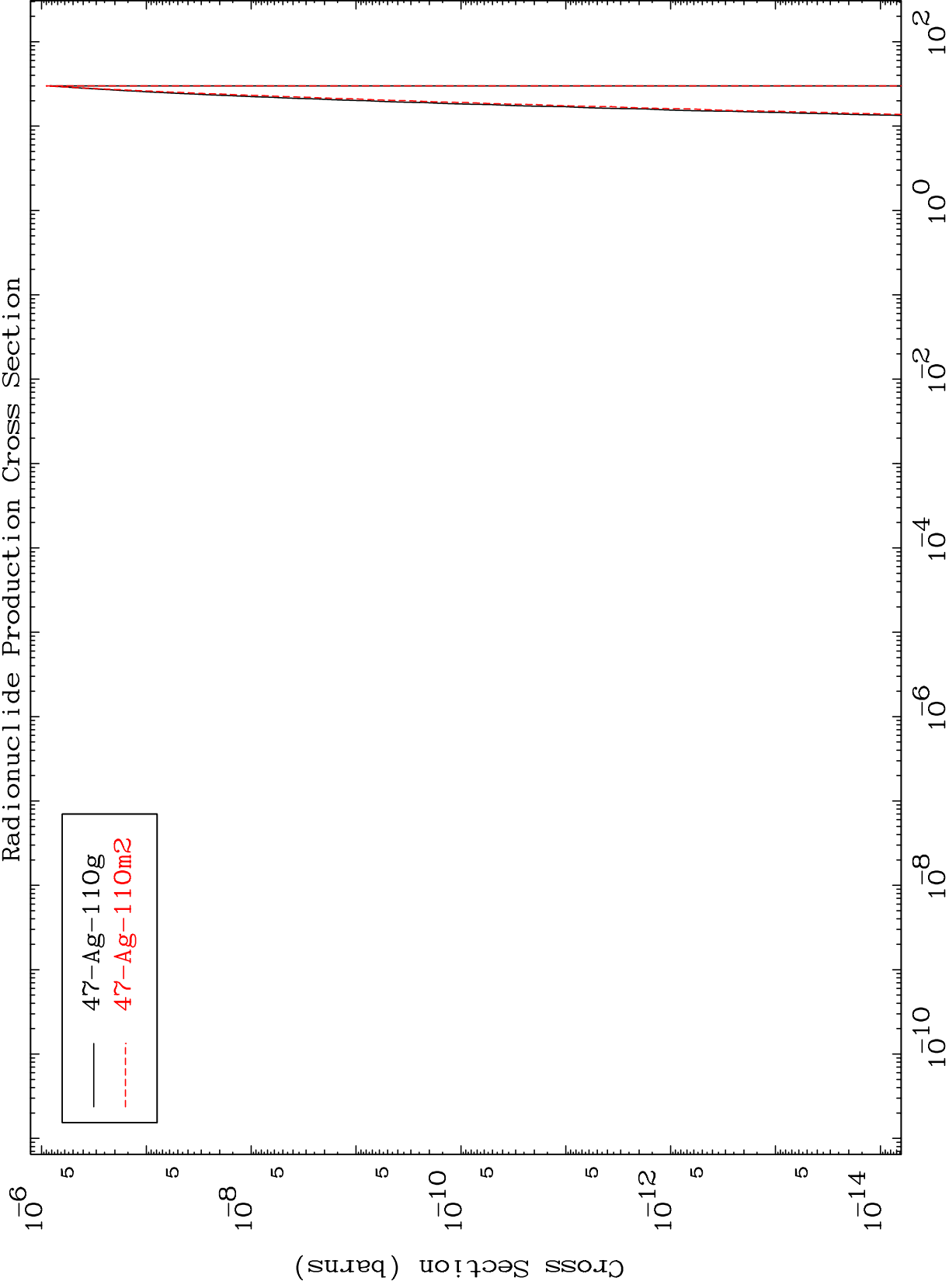


MAT 5113

(n,2α)

51-Sb-117

Radionuclide Production Cross Section



94

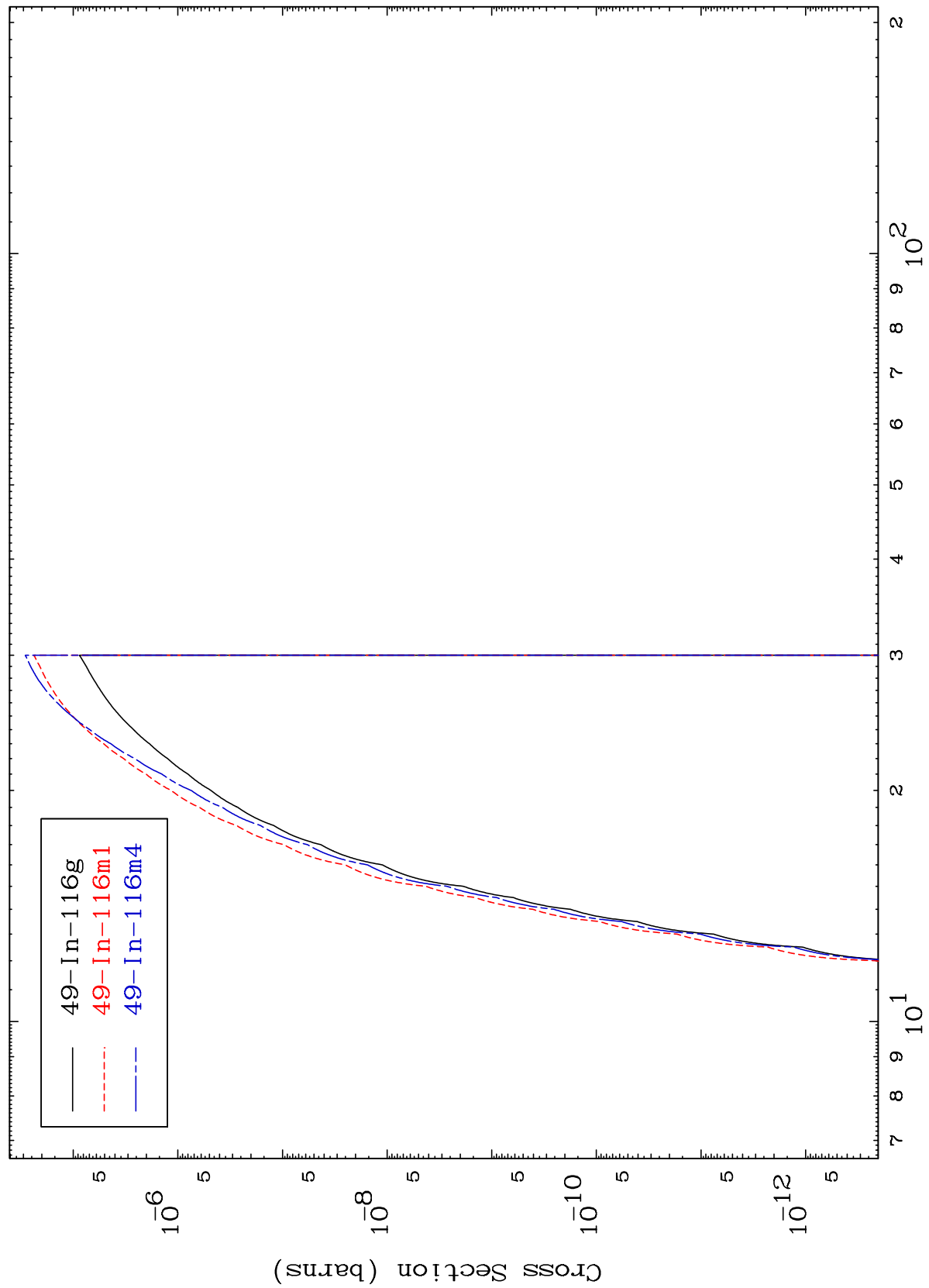
Incident Energy (MeV)

51-Sb-117

MAT 5113

51-Sb-117

(n,2p)
Radionuclide Production Cross Section



95

Incident Energy (MeV)

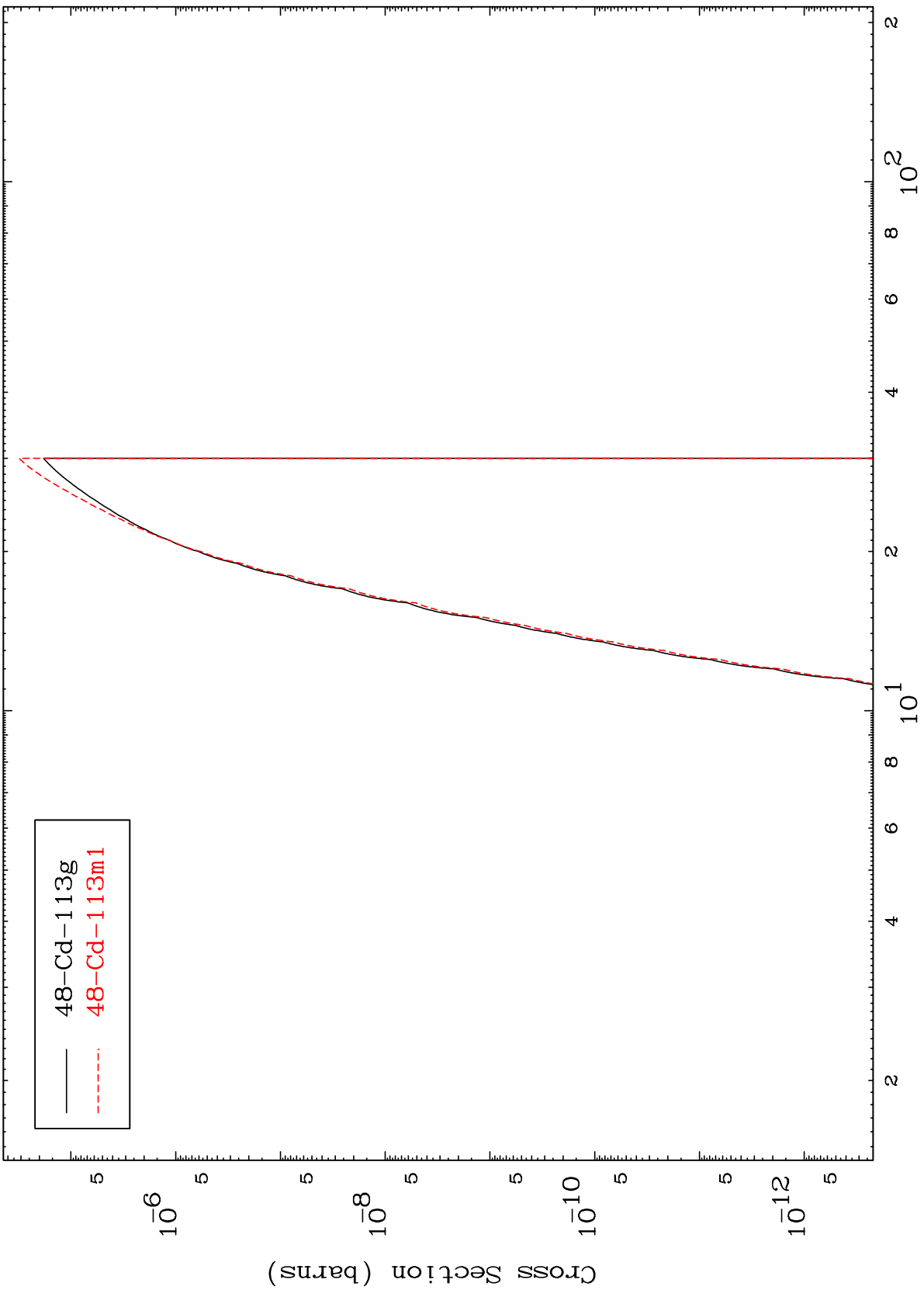
51-Sb-117

MAT 5113

(n,p) α

51-Sb-117

Radionuclide Production Cross Section



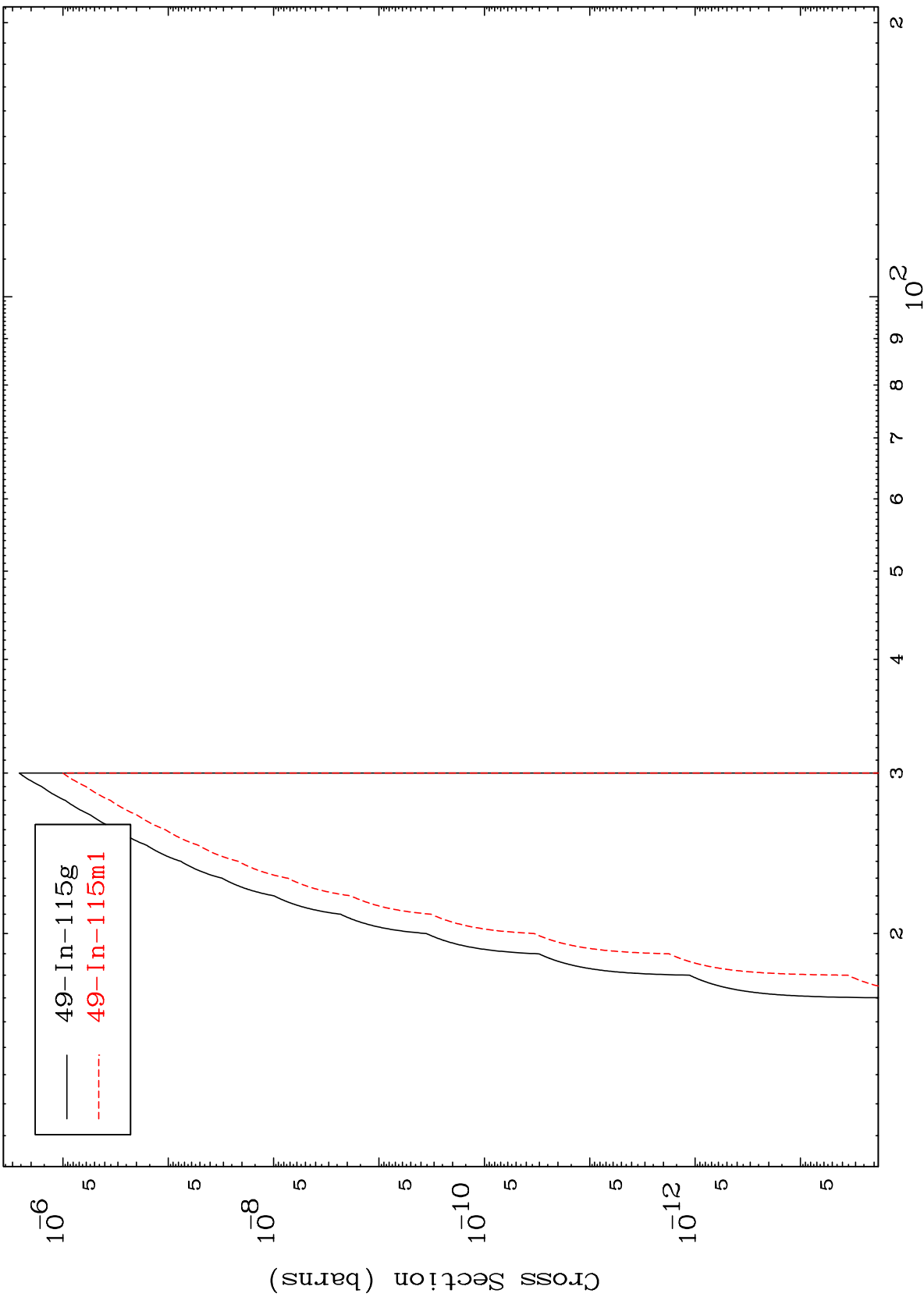
— 48-Cd-113g
- - - 48-Cd-113m1

MAT 5113

(n,p) d

51-Sb-117

Radionuclide Production Cross Section

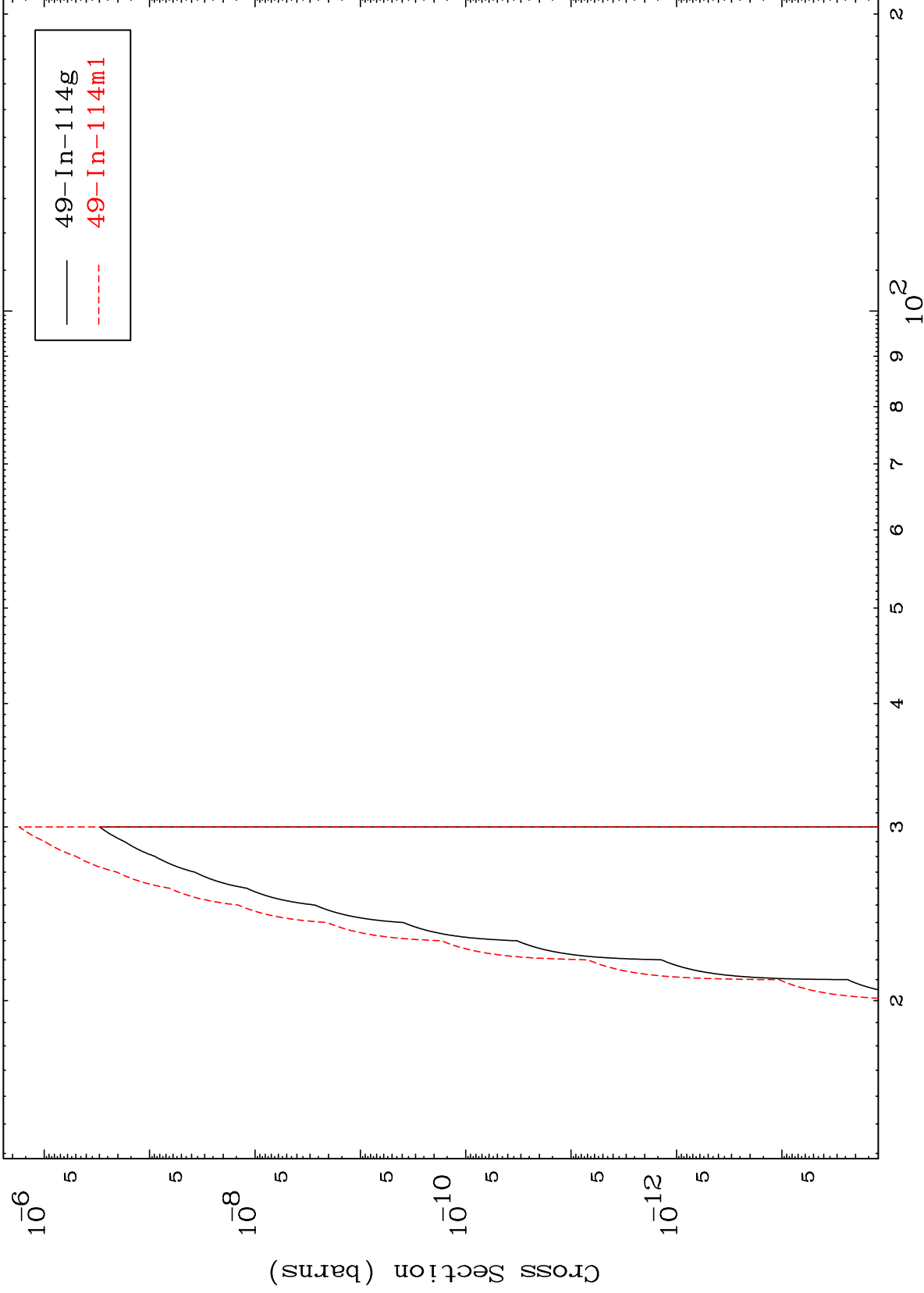


MAT 5113

(n,p) t

51-Sb-117

Radionuclide Production Cross Section



49-In-114g
49-In-114m1

98

Incident Energy (MeV)

51-Sb-117