

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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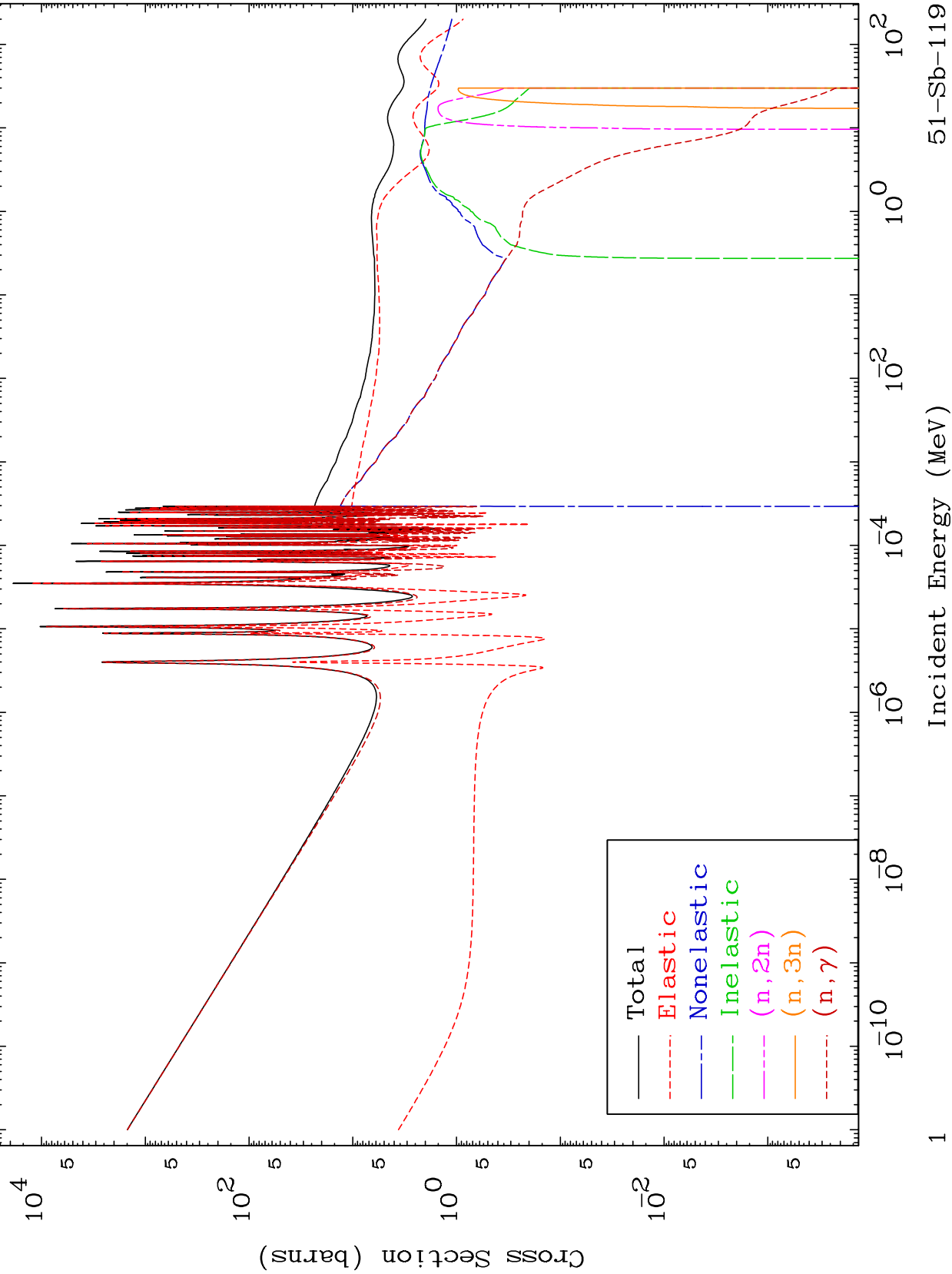
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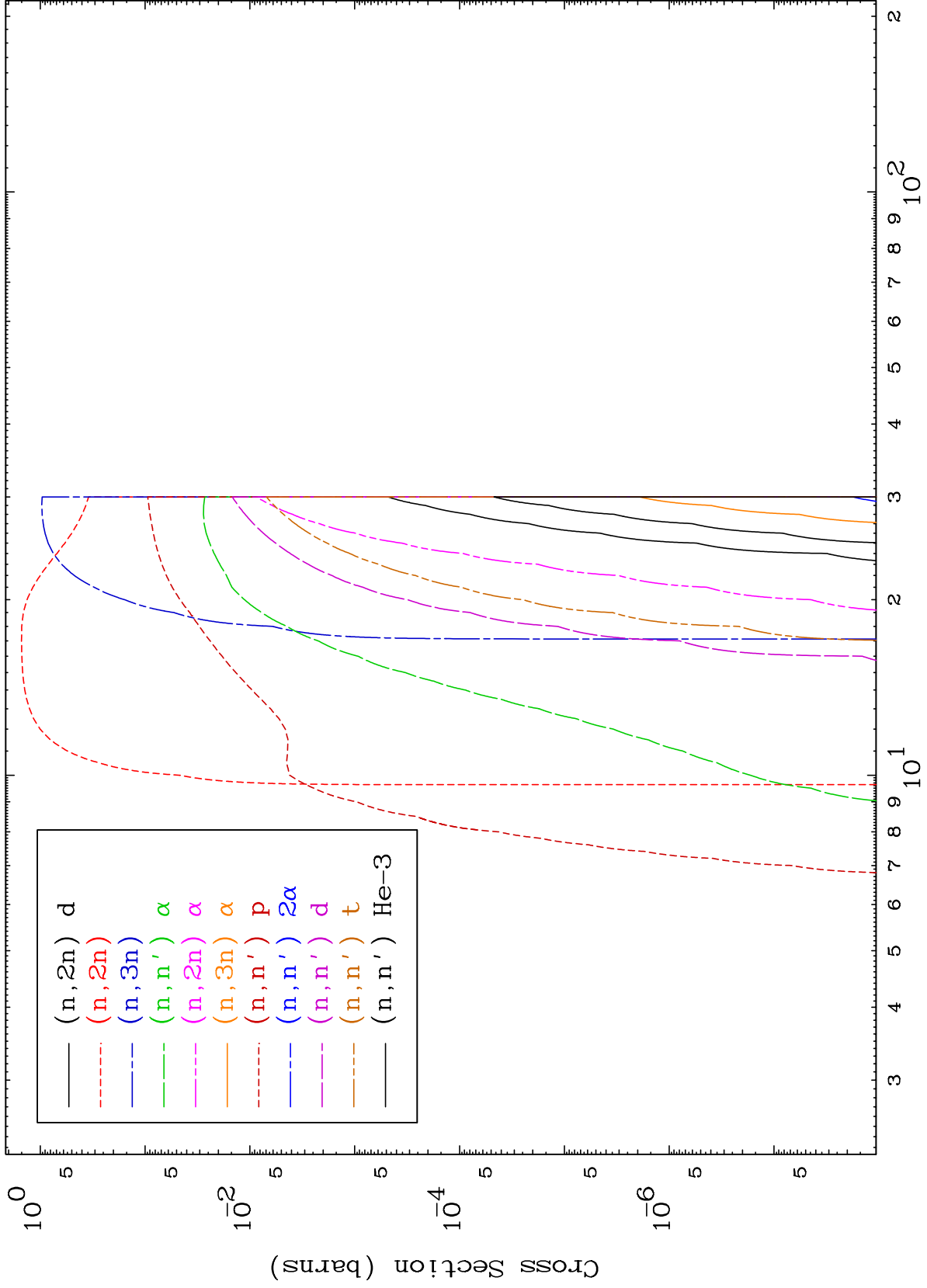
Press Mouse Button to Start

MAT 5119

Neutron Major  
293 Kelvin Cross Sections

51-Sb-119

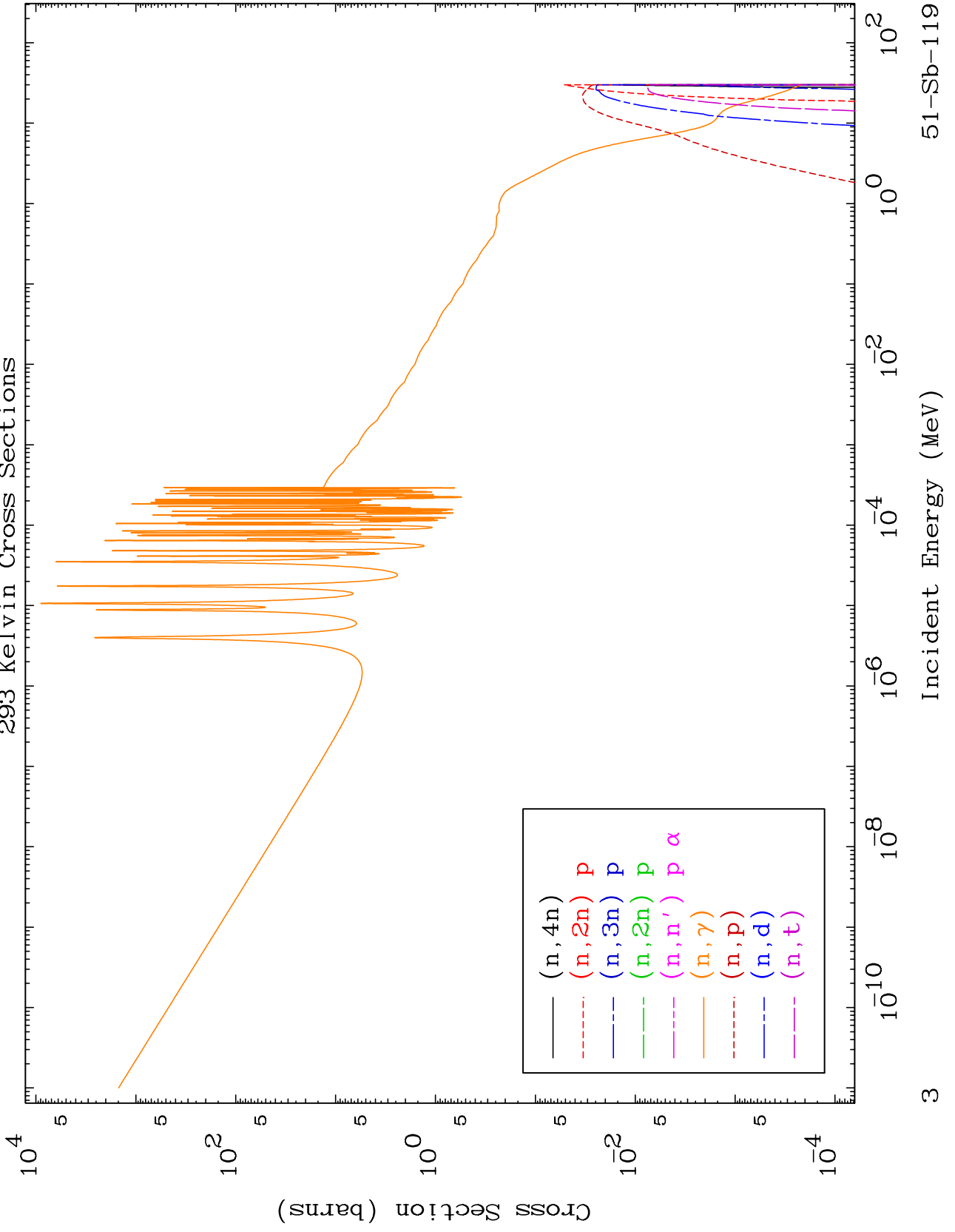




MAT 5119

Neutron Absorption  
293 Kelvin Cross Sections

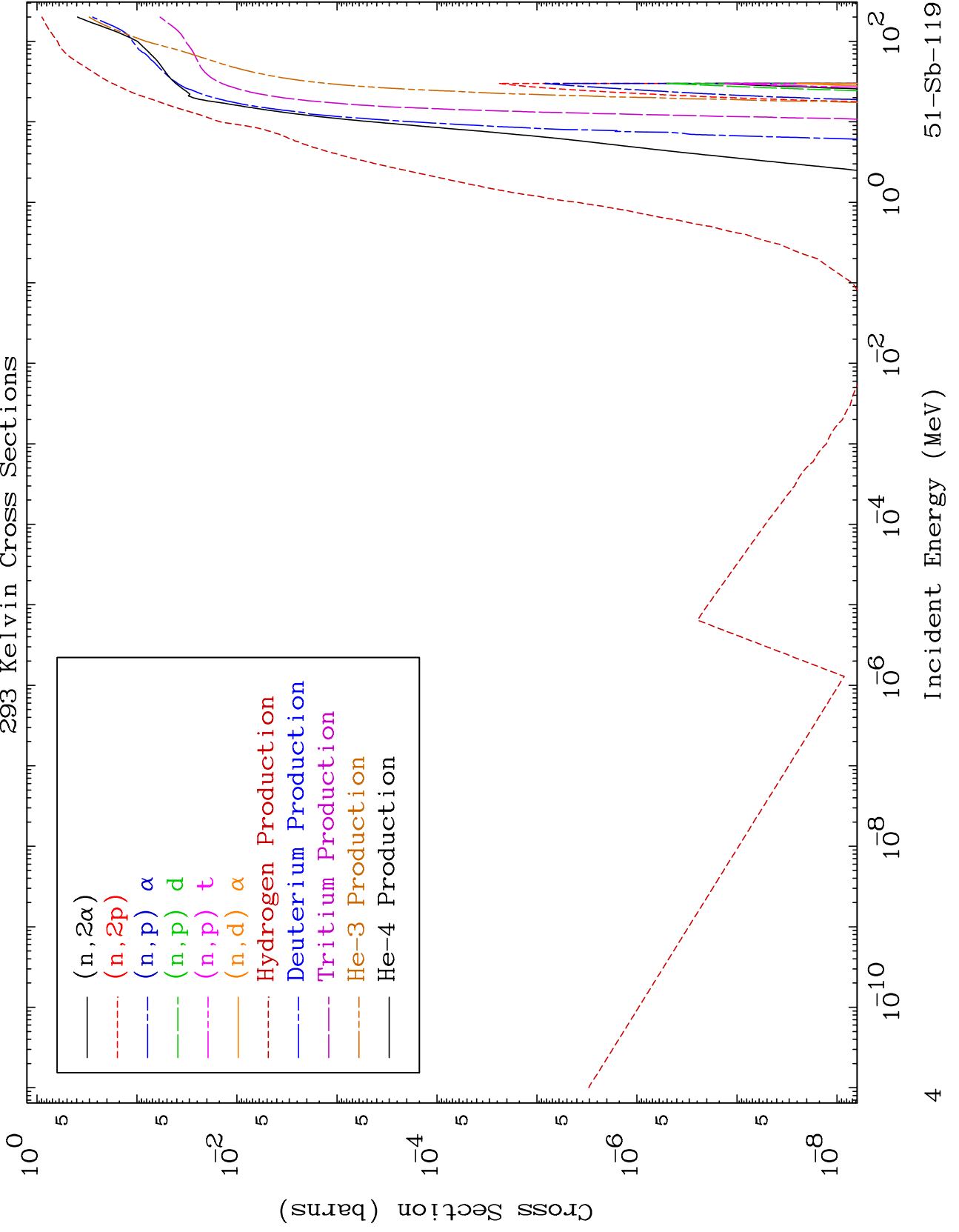
51-Sb-119



MAT 5119

Neutron Absorption  
293 Kelvin Cross Sections

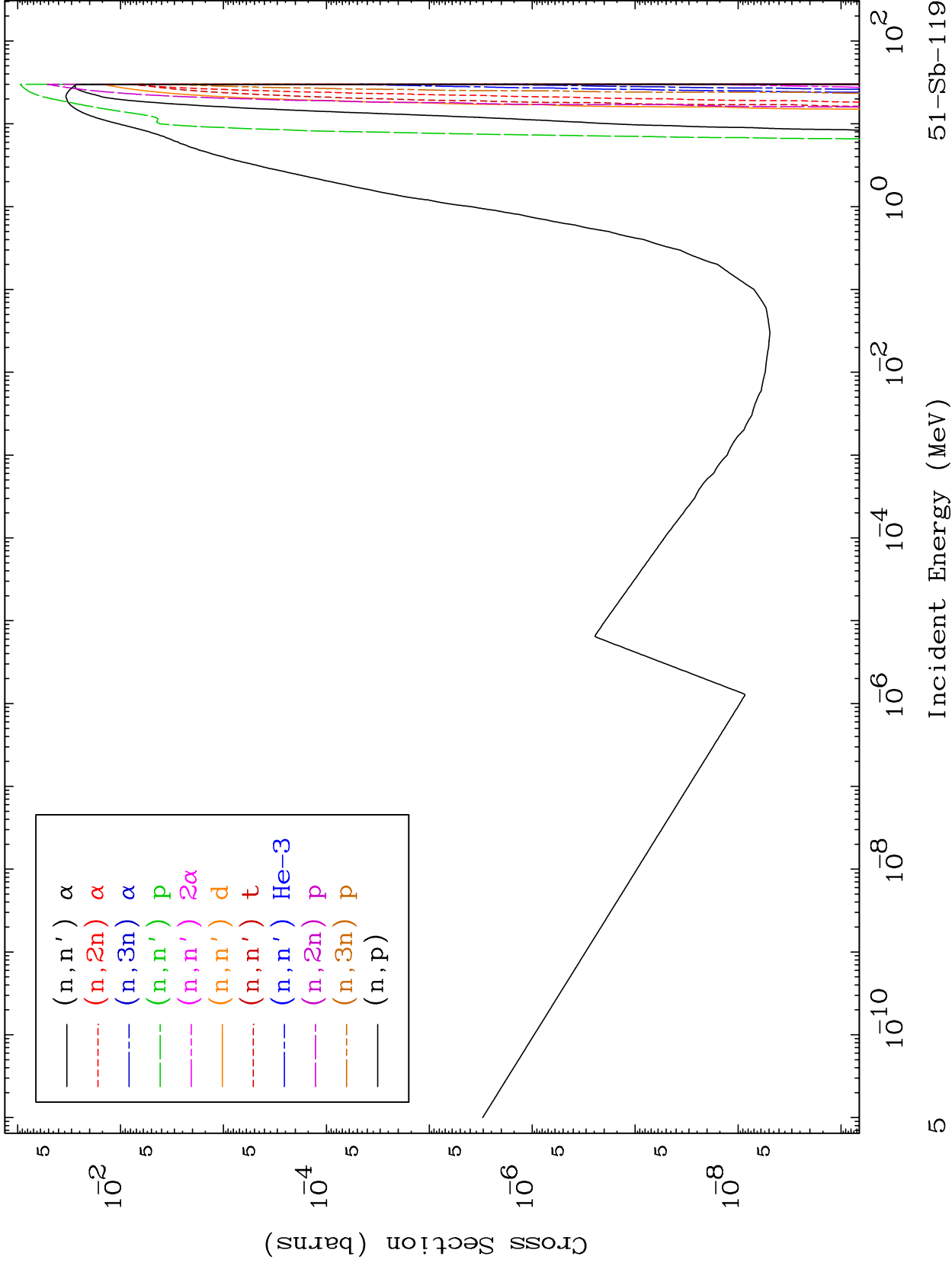
51-Sb-119



MAT 5119

Charged Particle  
293 Kelvin Cross Sections

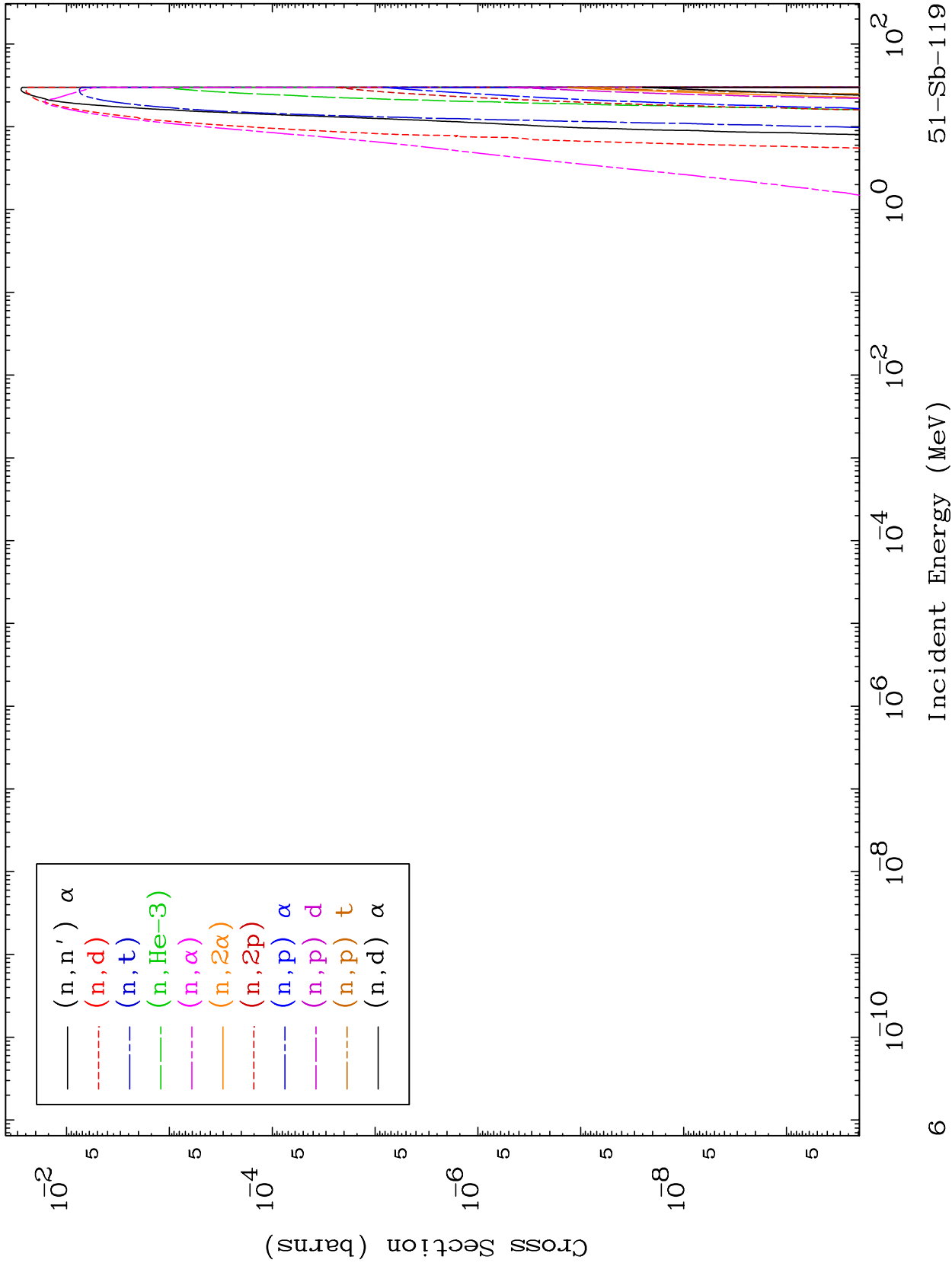
51-Sb-119



MAT 5119

Charged Particle  
293 Kelvin Cross Sections

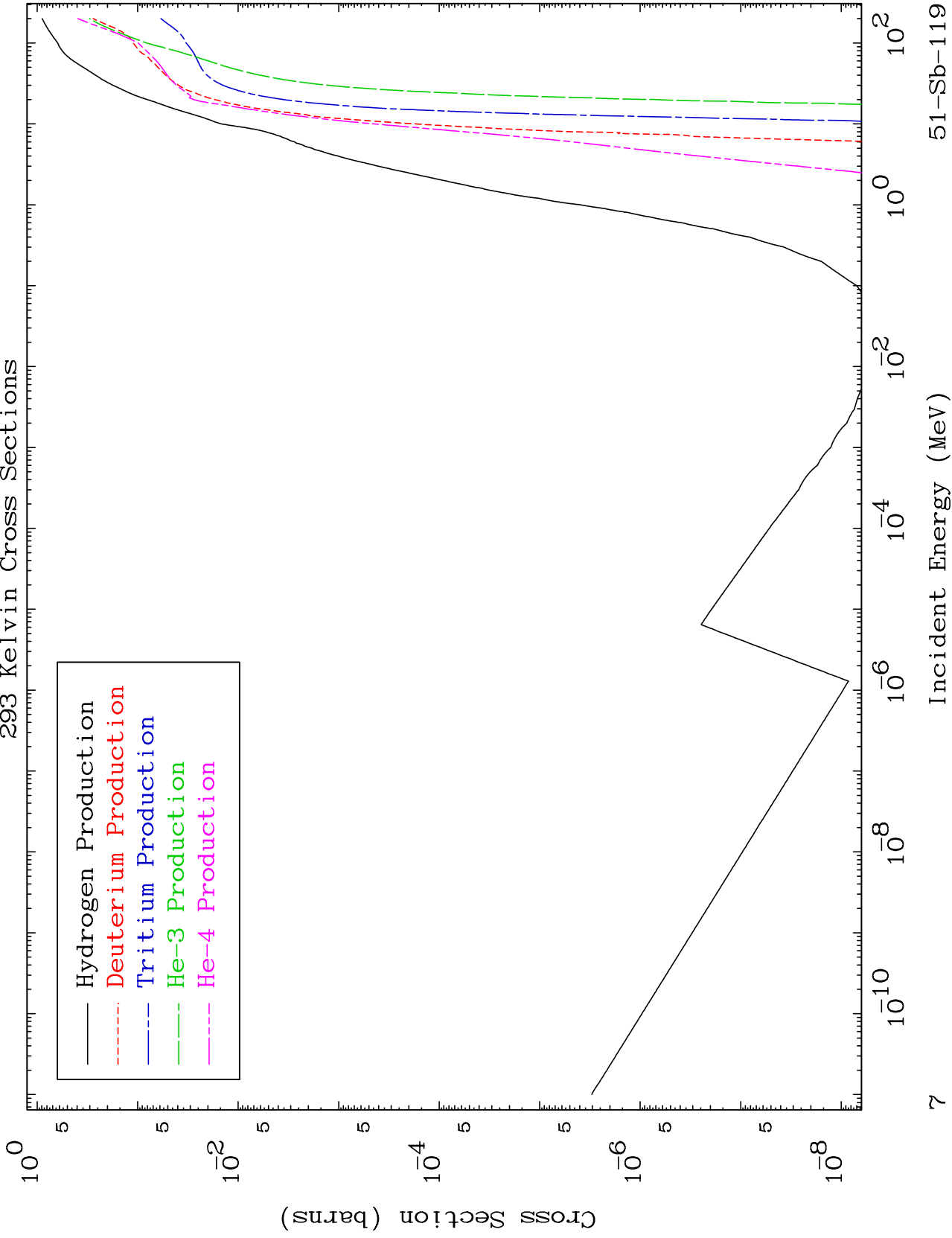
51-Sb-119



MAT 5119

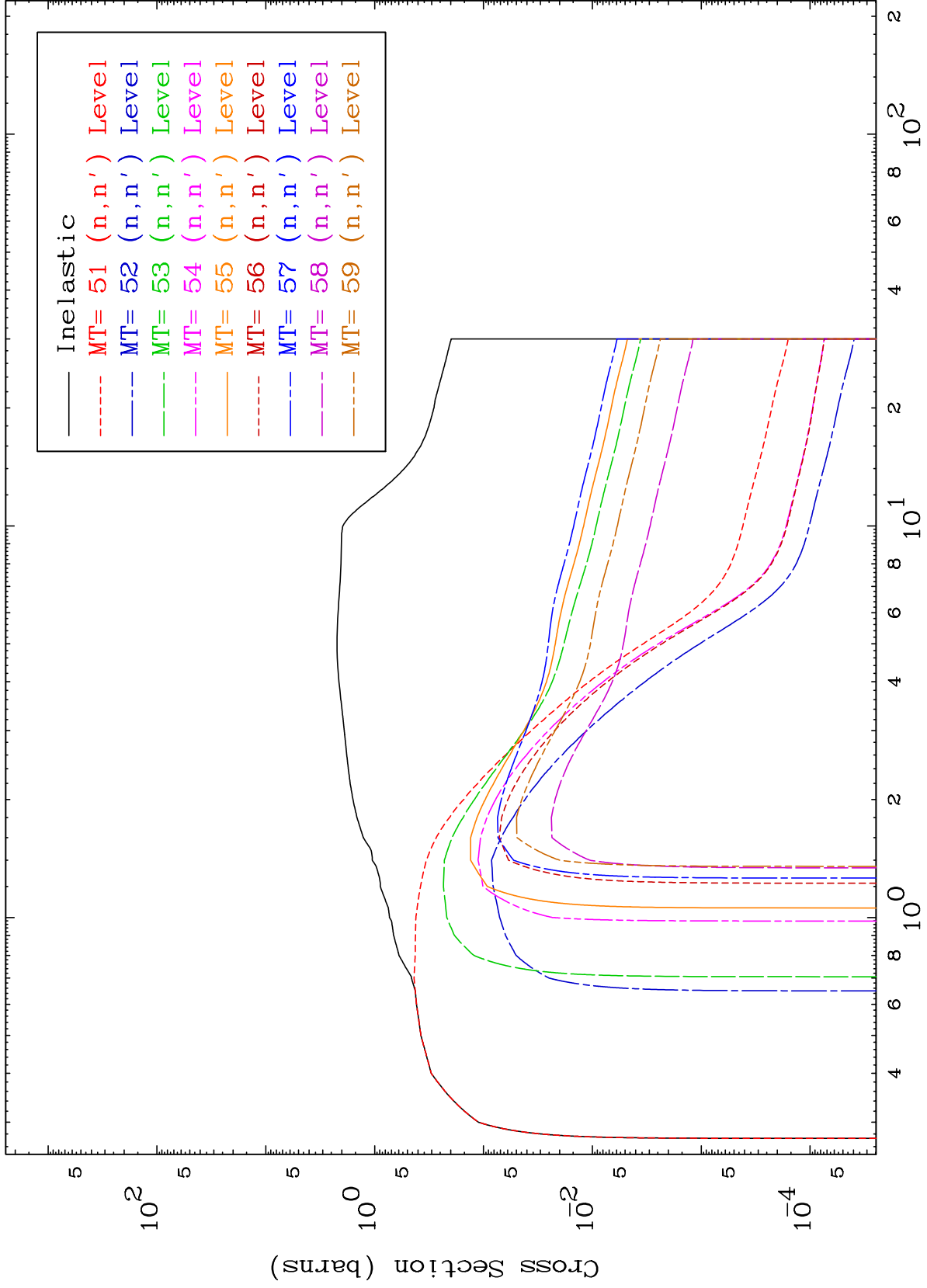
Particle Production  
293 Kelvin Cross Sections

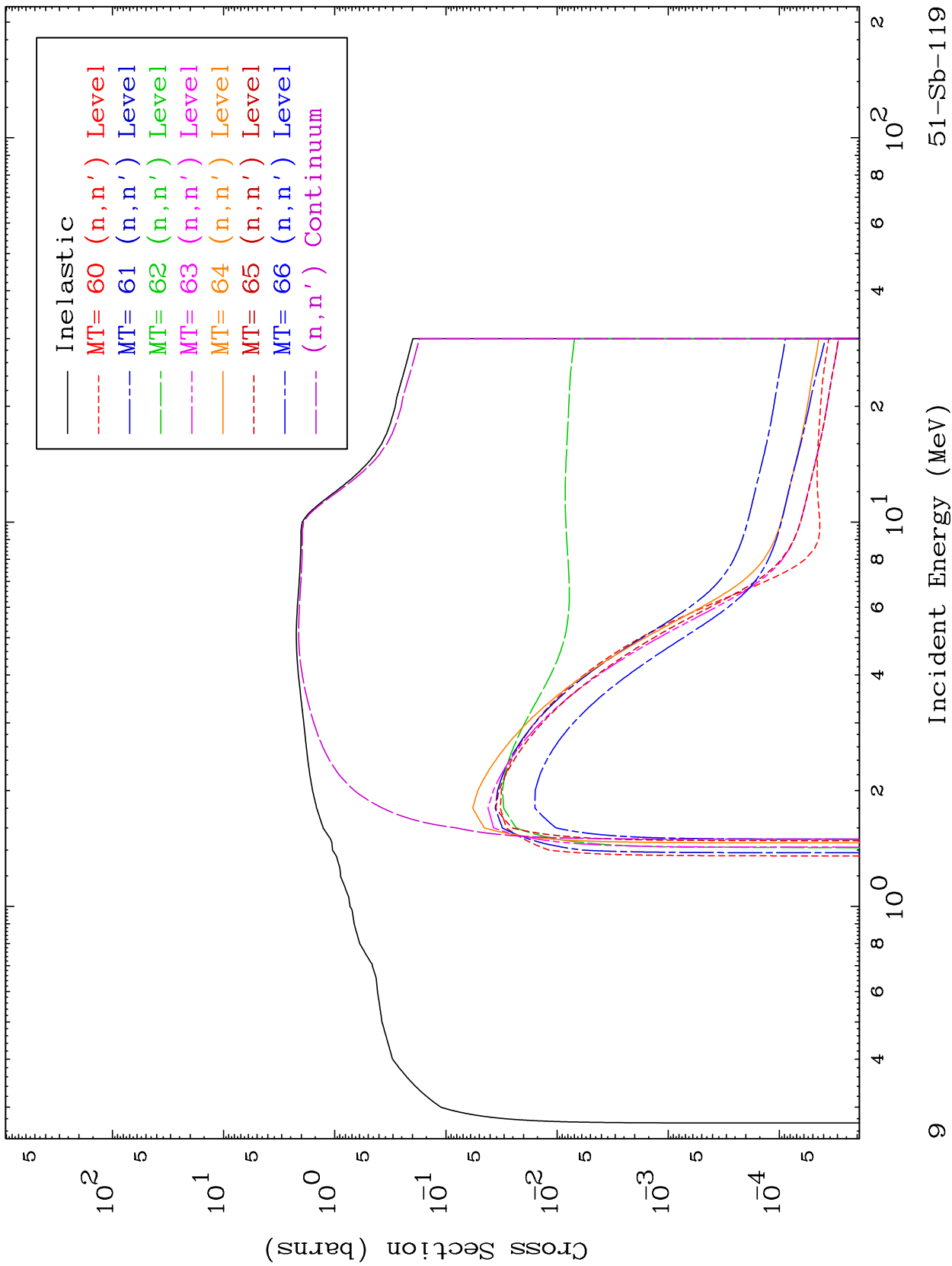
51-Sb-119





293 Kelvin Cross Sections

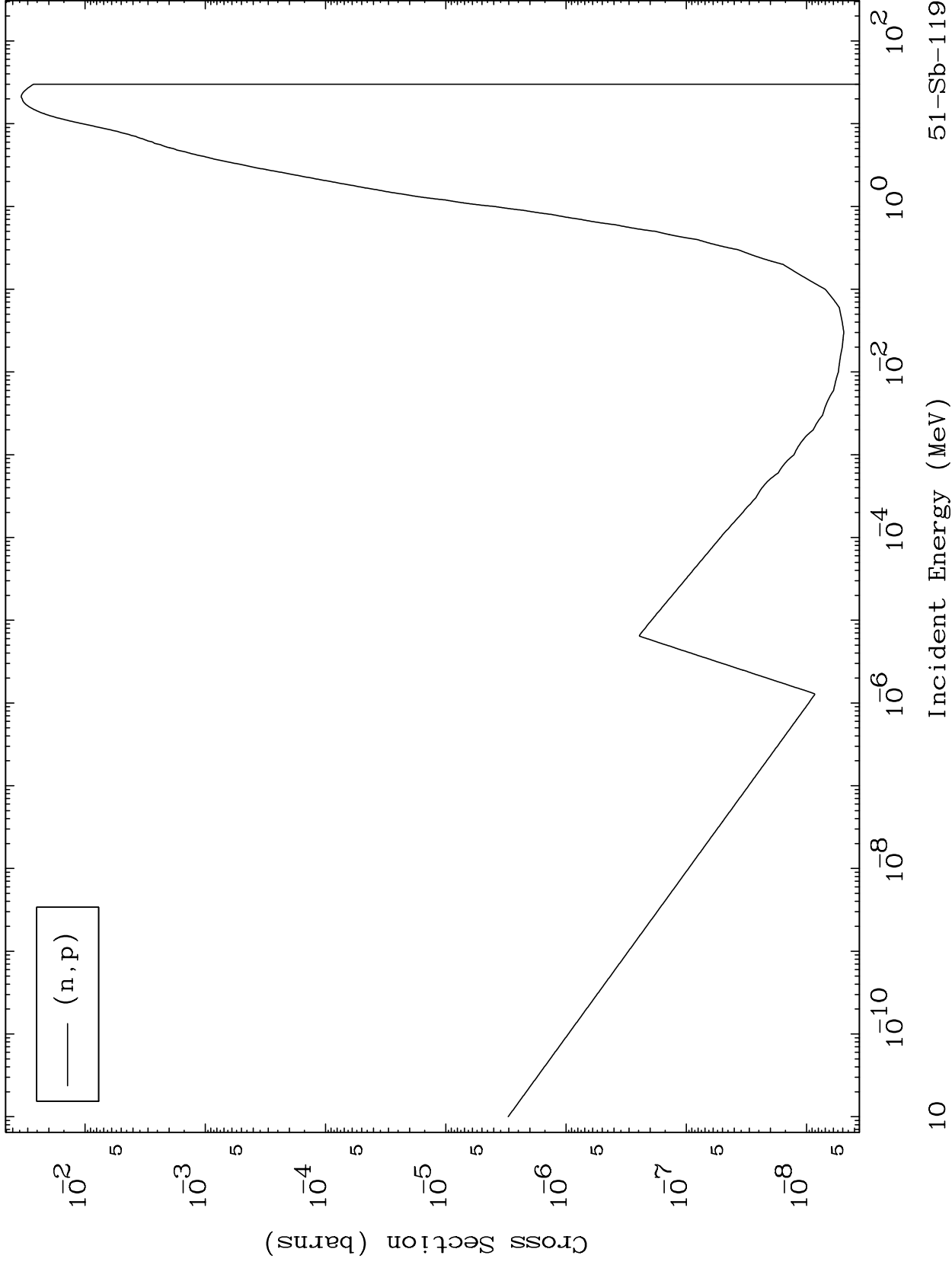




MAT 5119

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-119



10

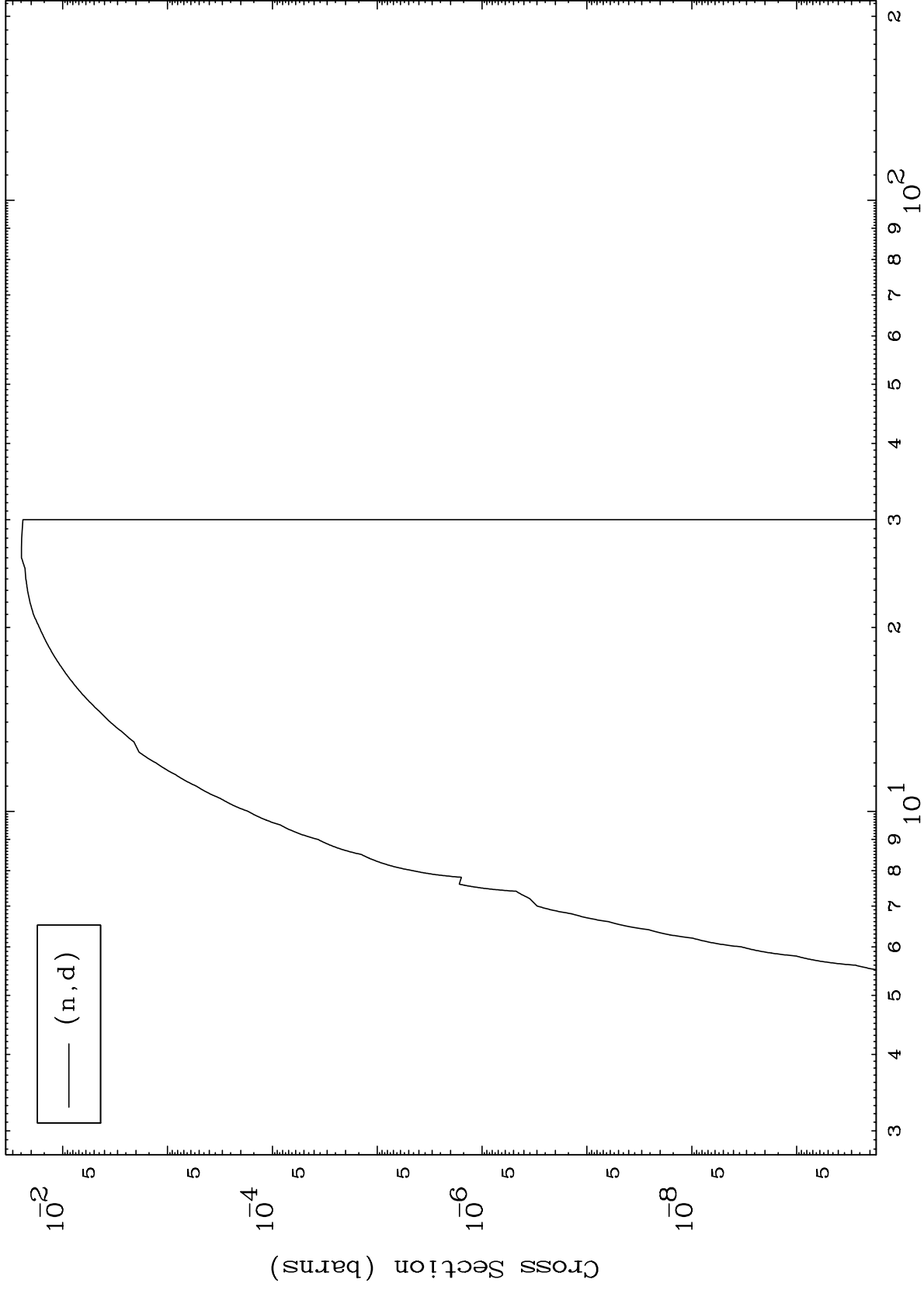
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-119



11

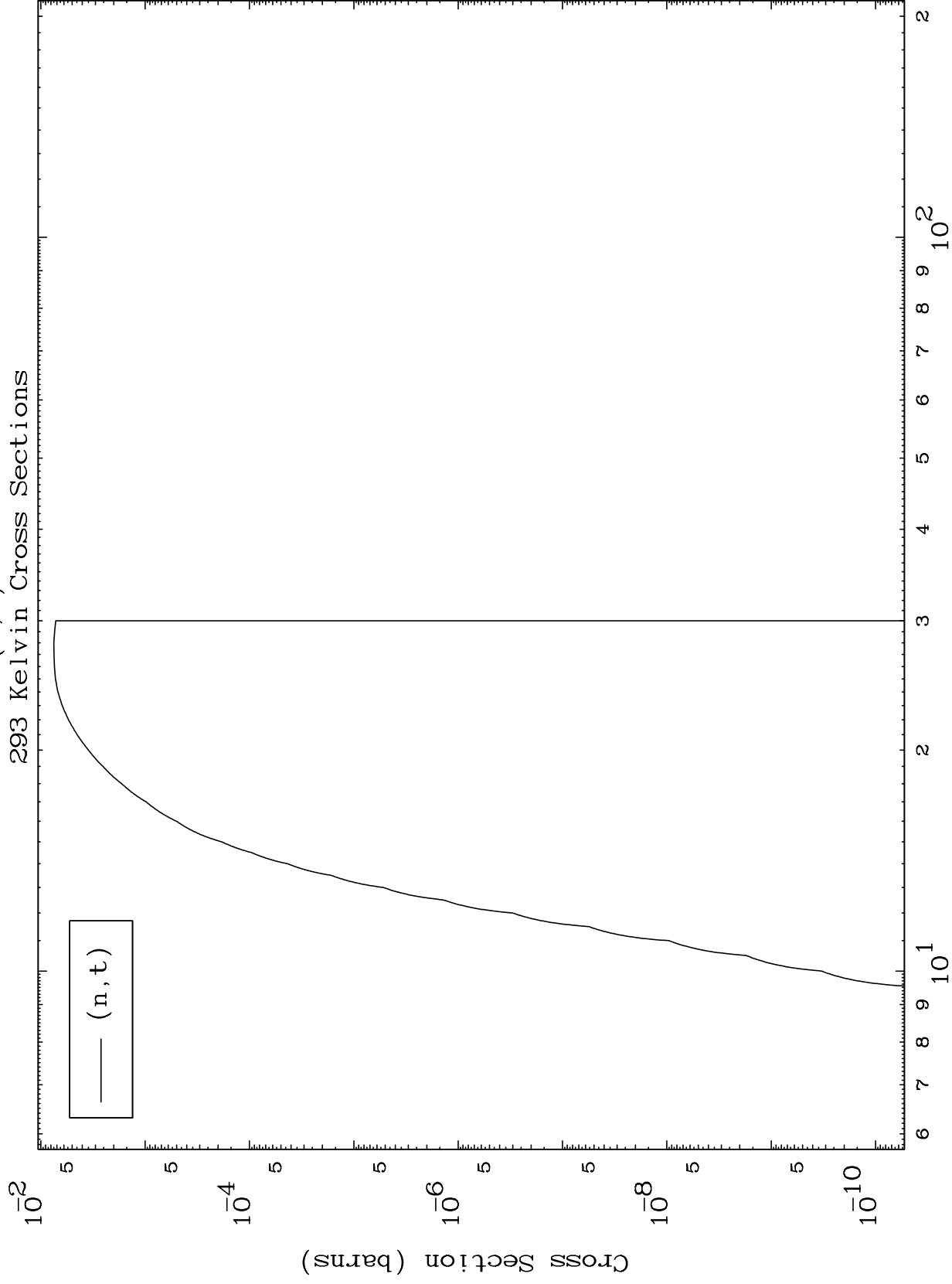
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n, t) Levels  
293 Kelvin Cross Sections

51-Sb-119



12

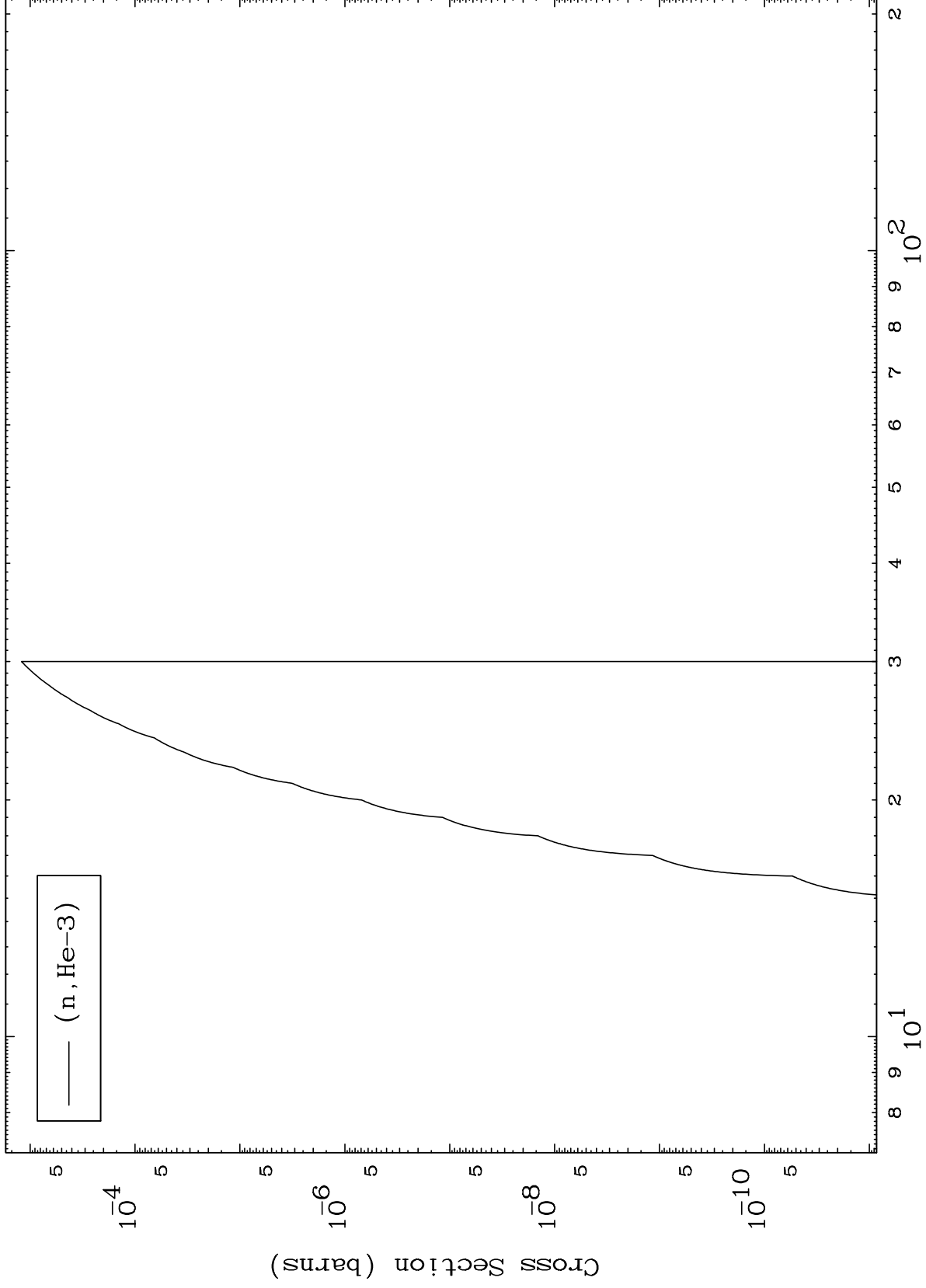
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-119



13

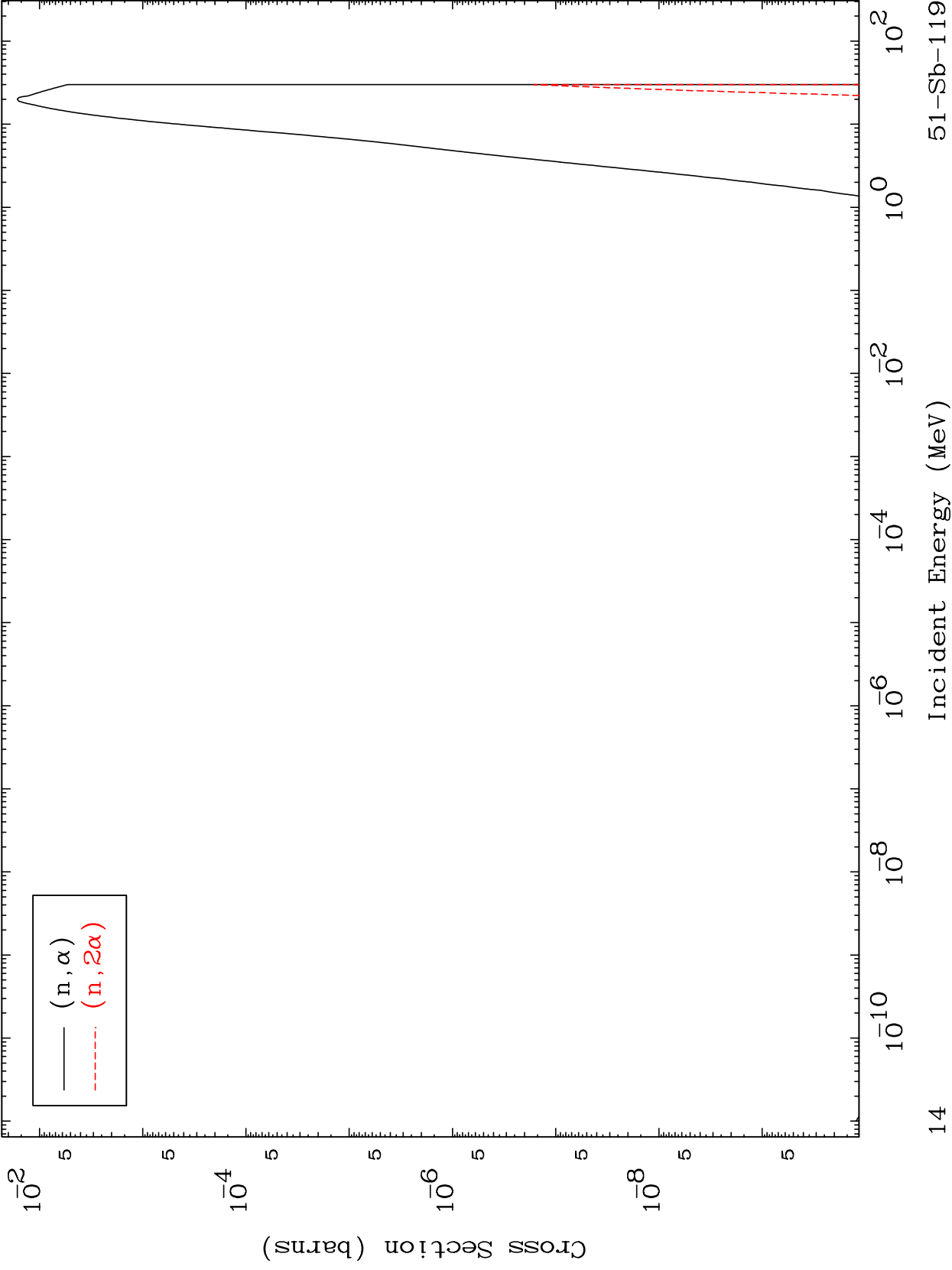
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

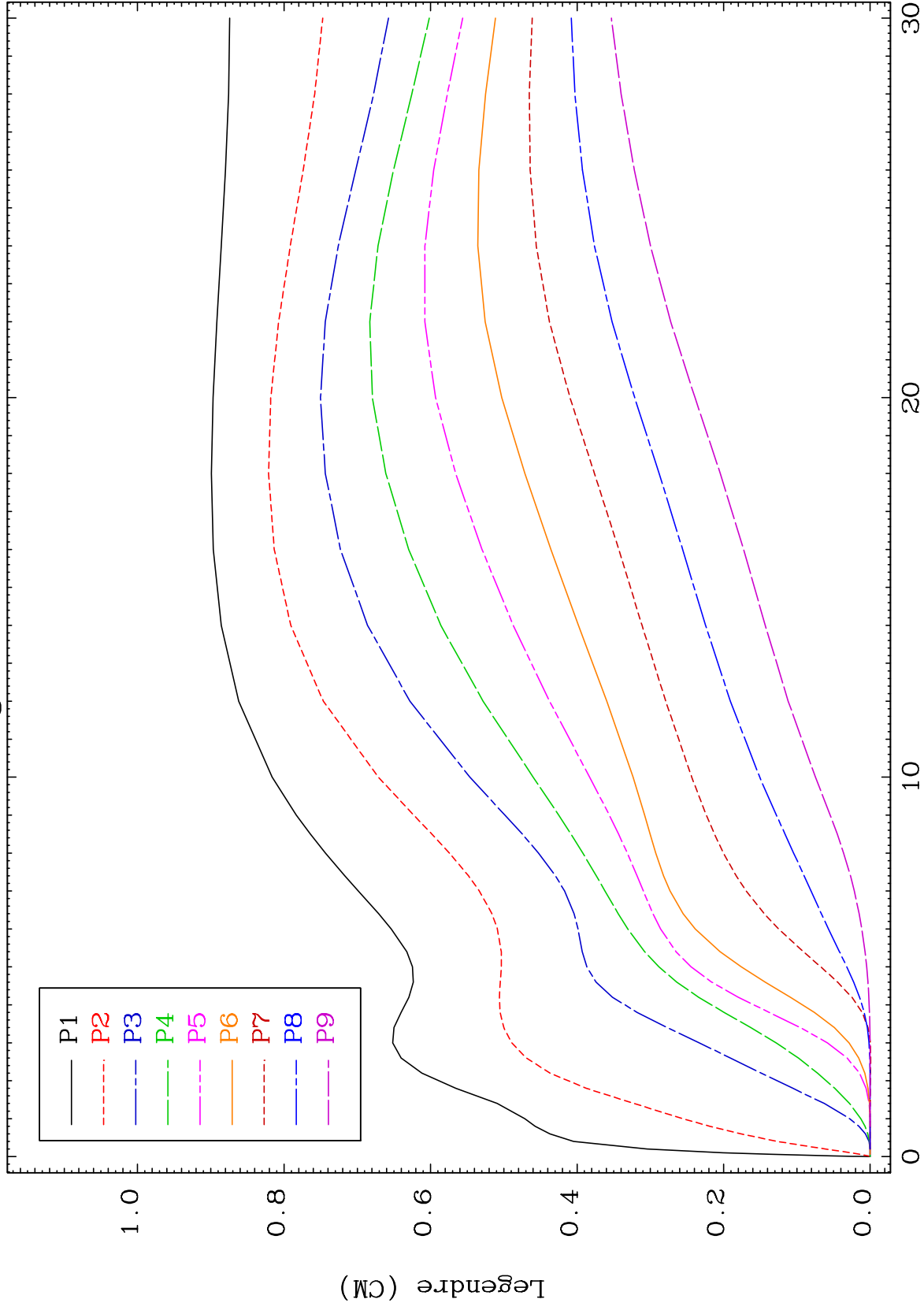
51-Sb-119



MAT 5119

Elastic Legendre Coefficients

51-Sb-119

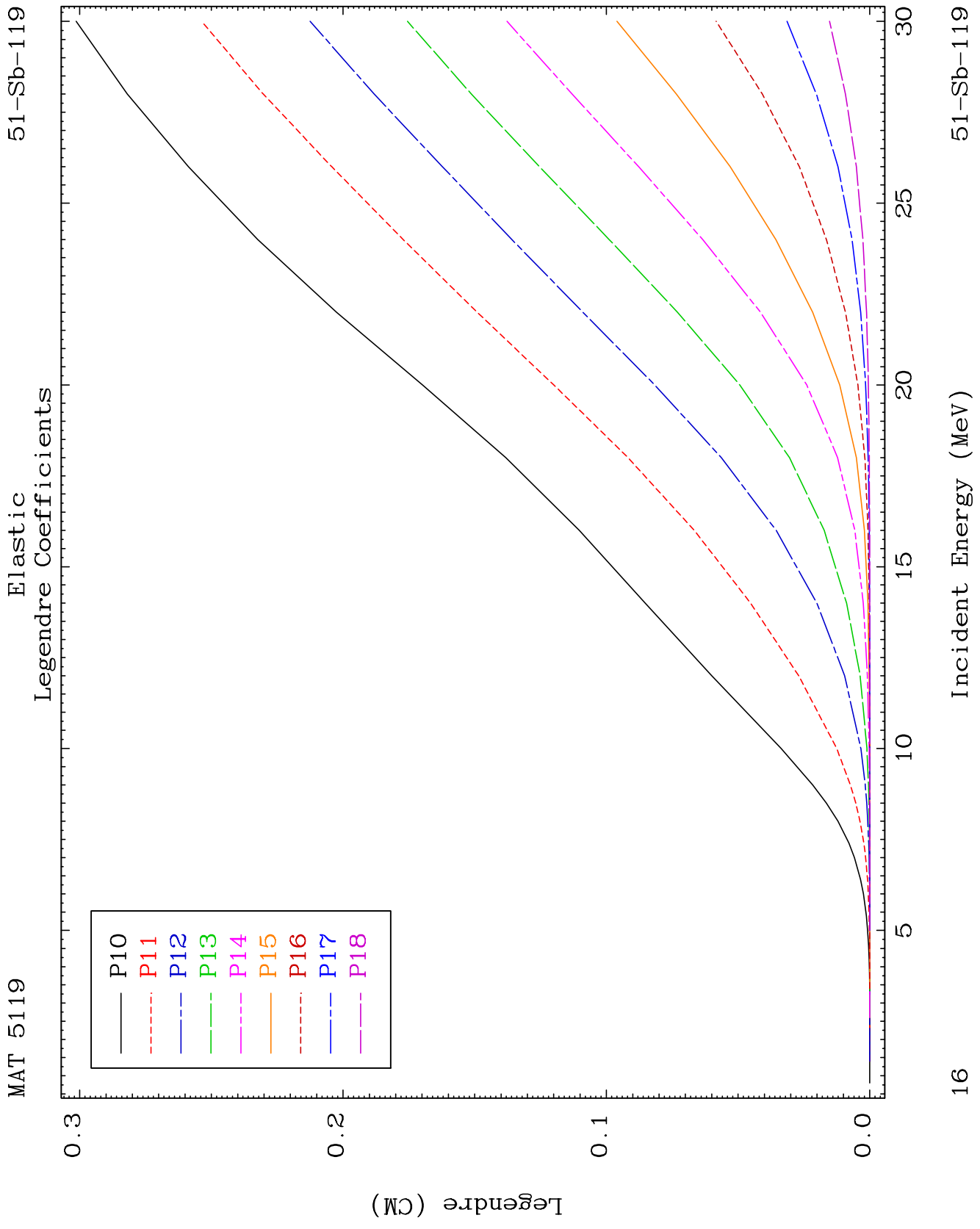


15

Incident Energy (MeV)

51-Sb-119

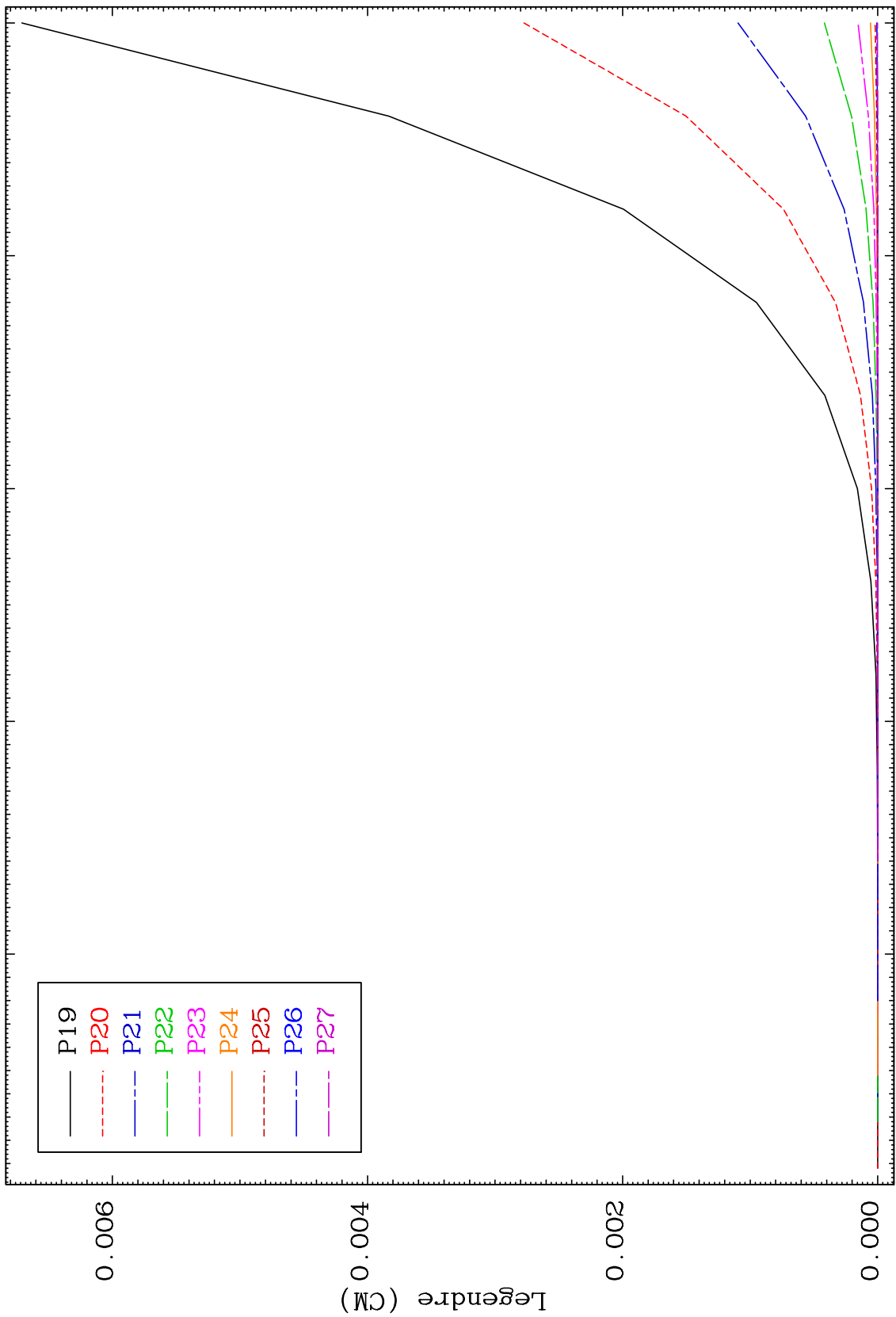




MAT 5119

Elastic Legendre Coefficients

51-Sb-119



17

Incident Energy (MeV)

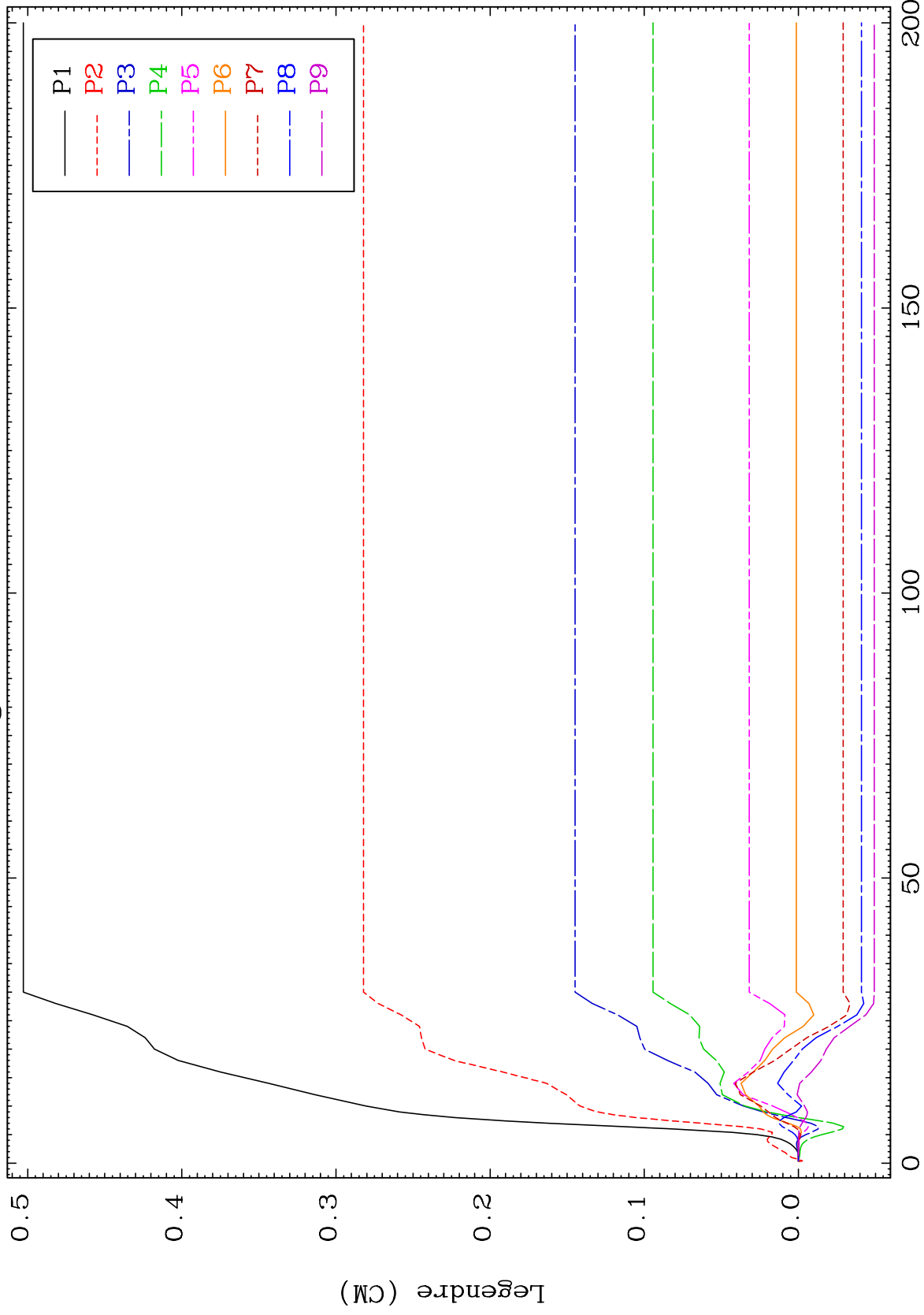
51-Sb-119



MAT 51119

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

51-Sb-119



19

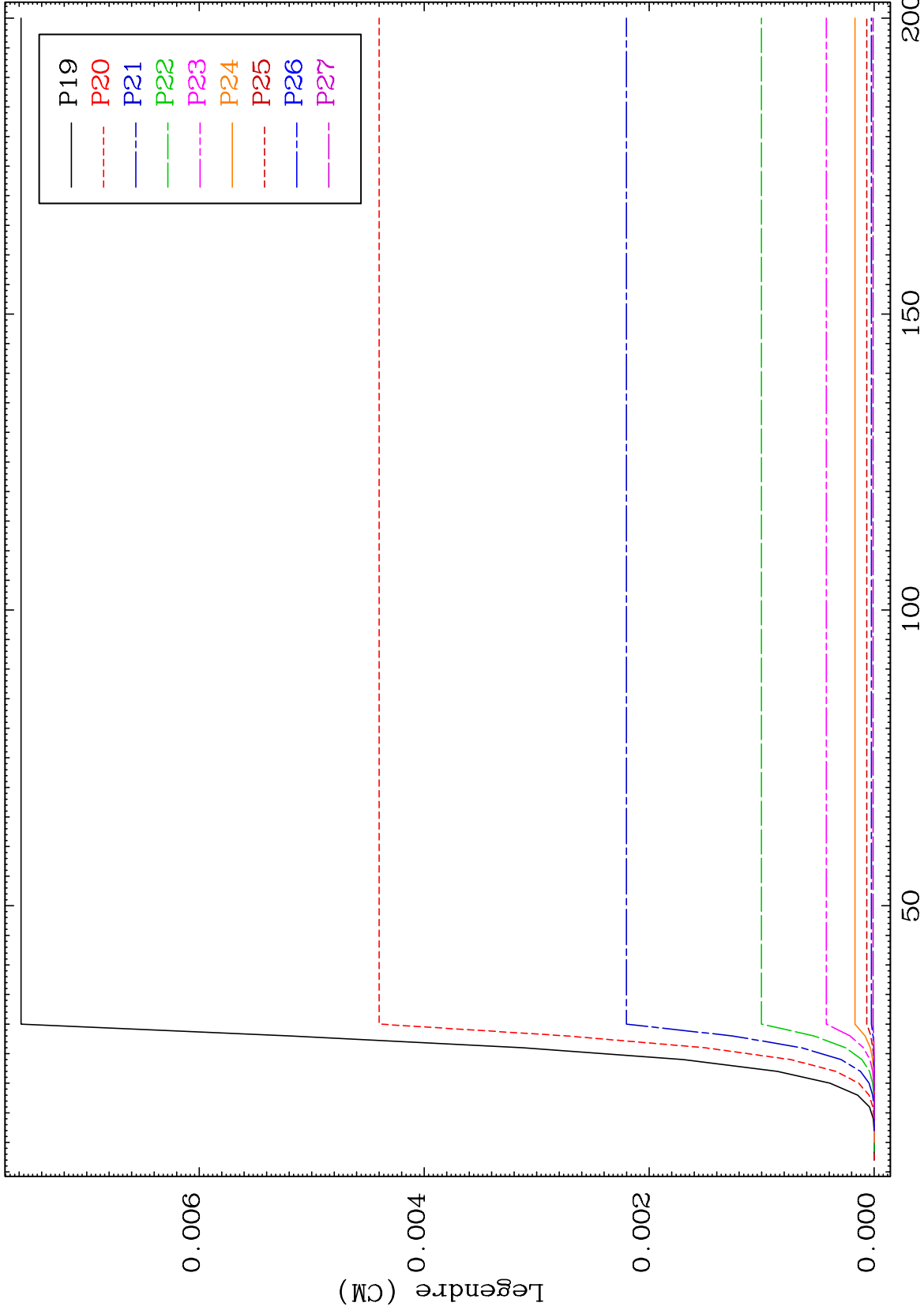
51-Sb-119



MAT 51119

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

51-Sb-119



21

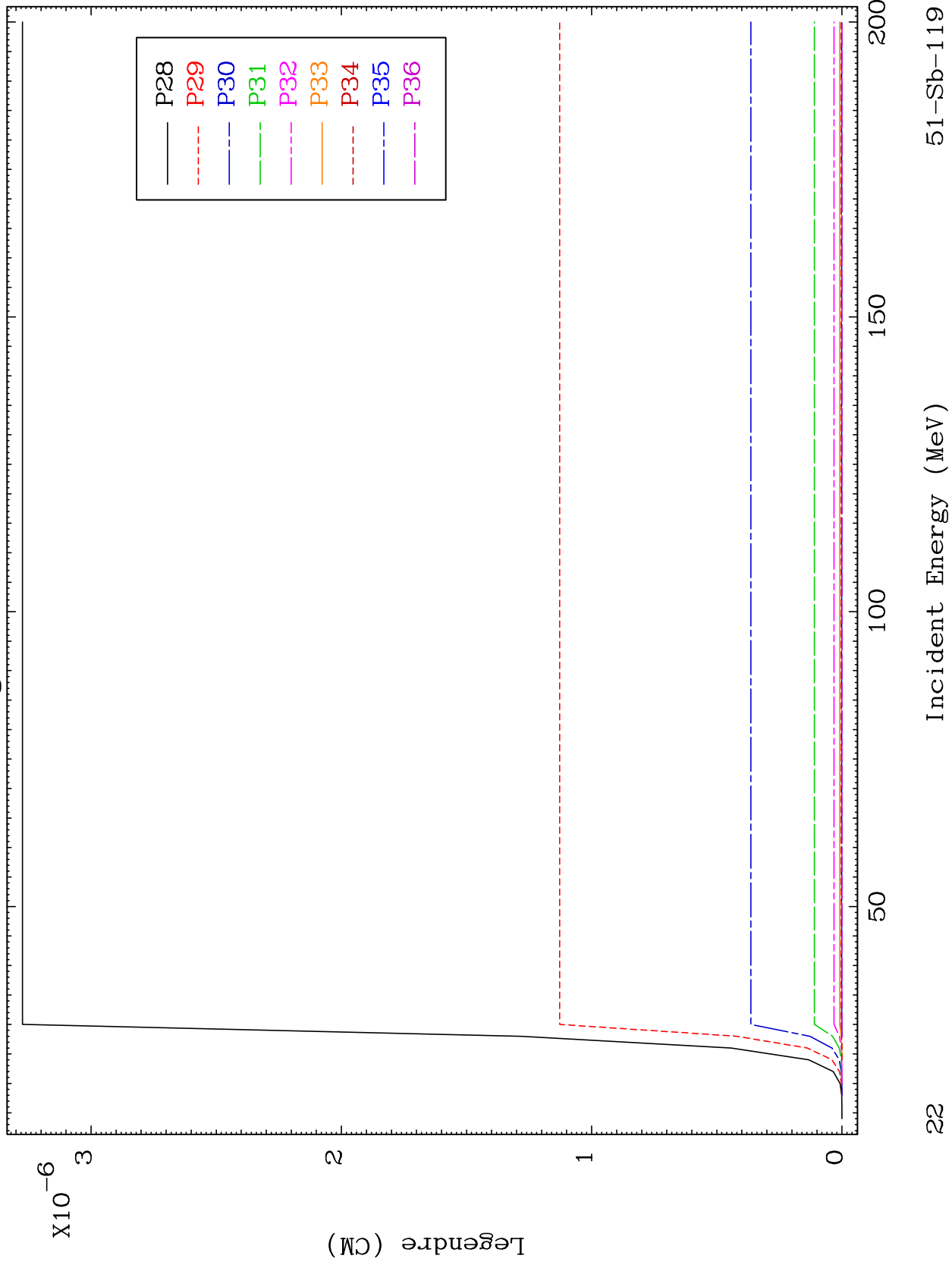
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

51-Sb-119



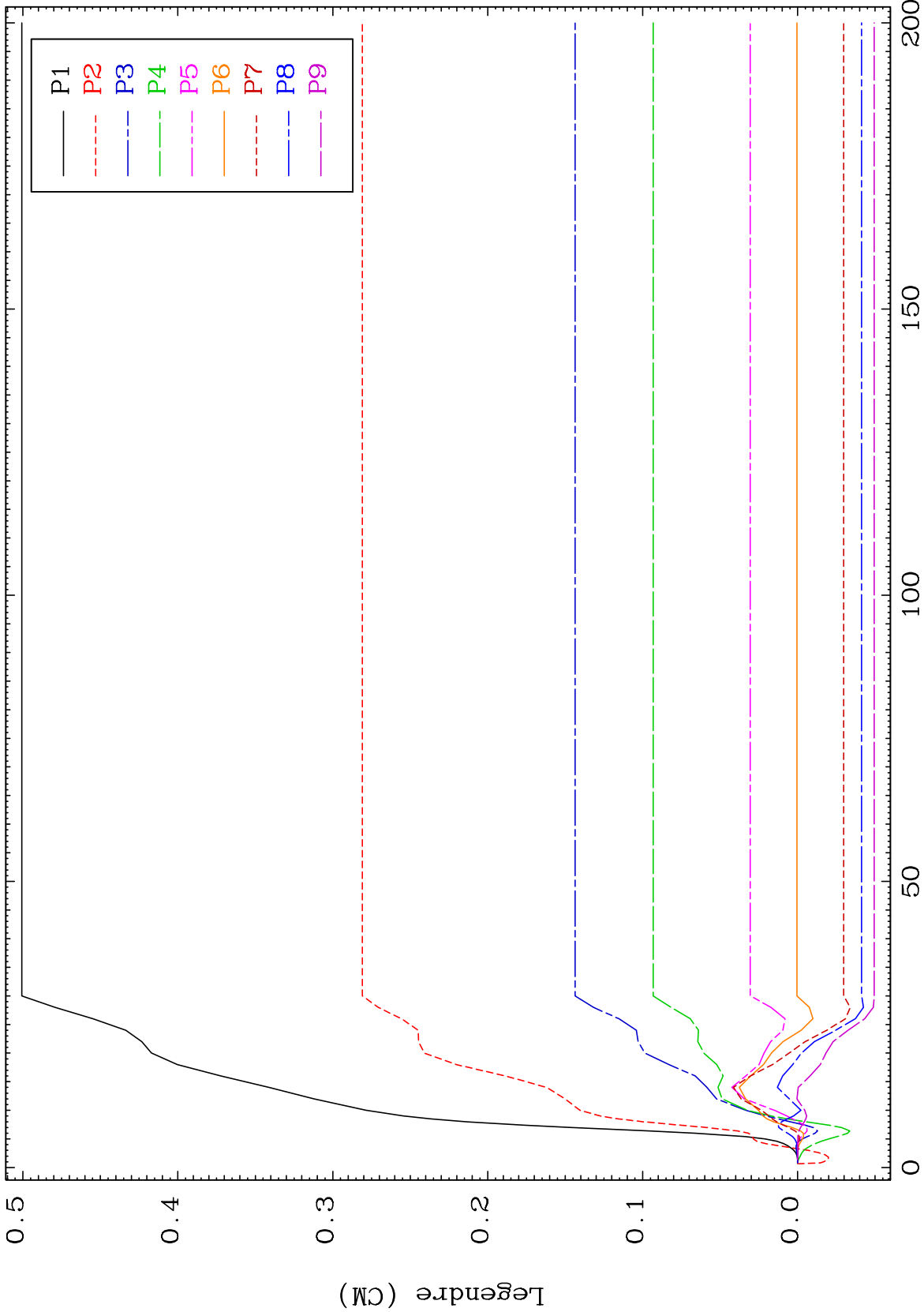
22

MAT 5119

MT= 52 (n,n') Level

51-Sb-119

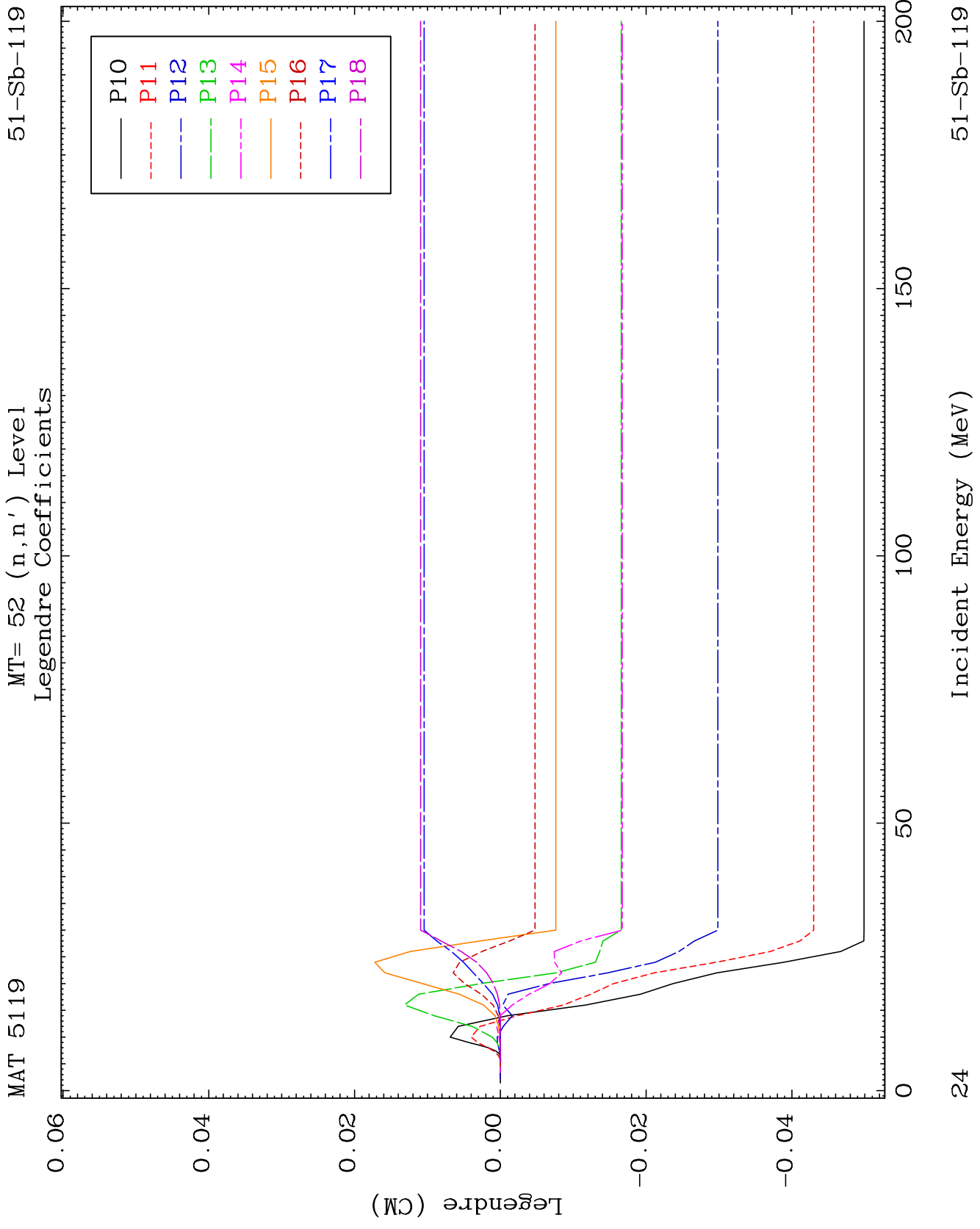
Legendre Coefficients



23

51-Sb-119

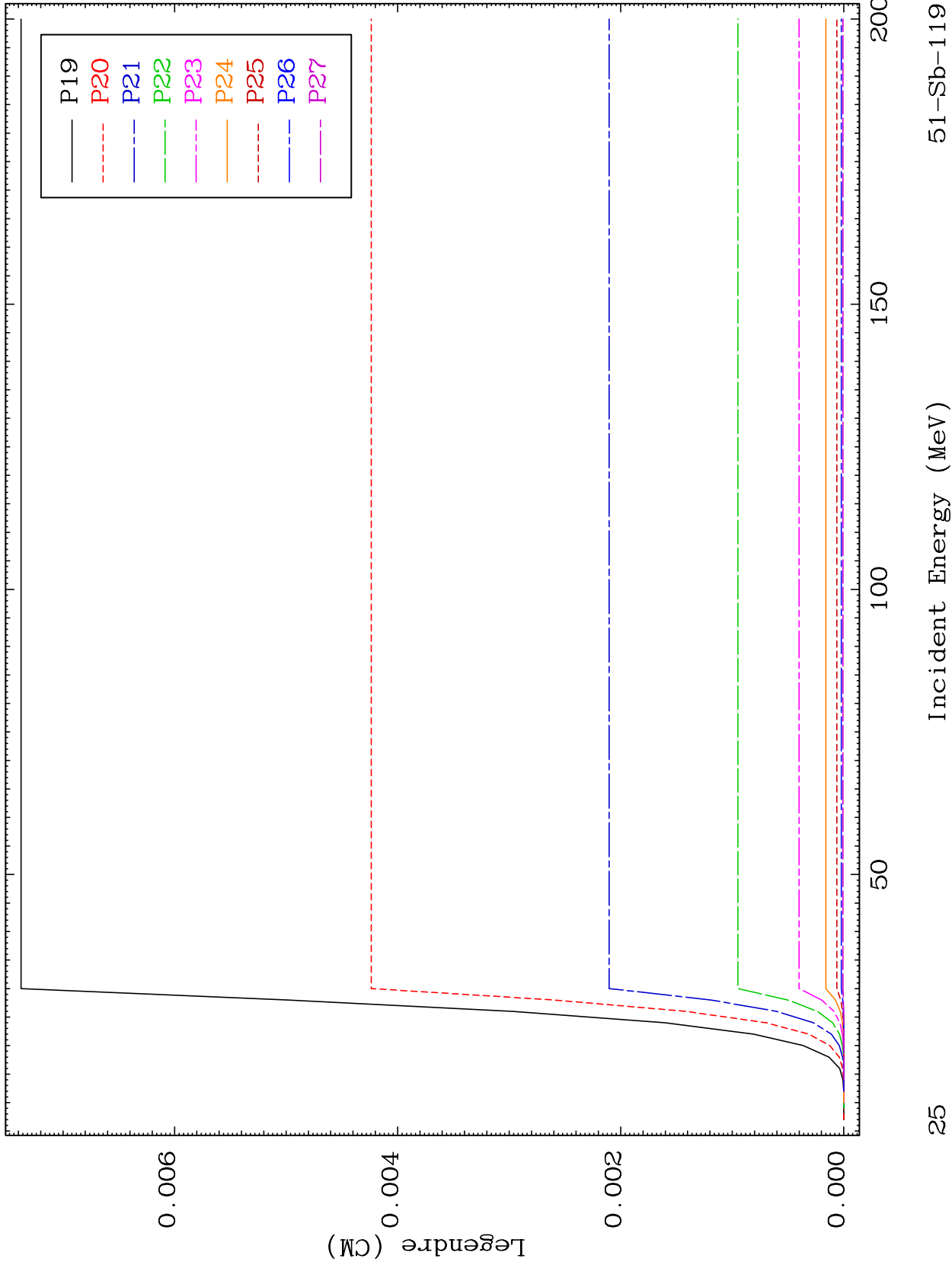




MAT 5119

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

51-Sb-119



51-Sb-119

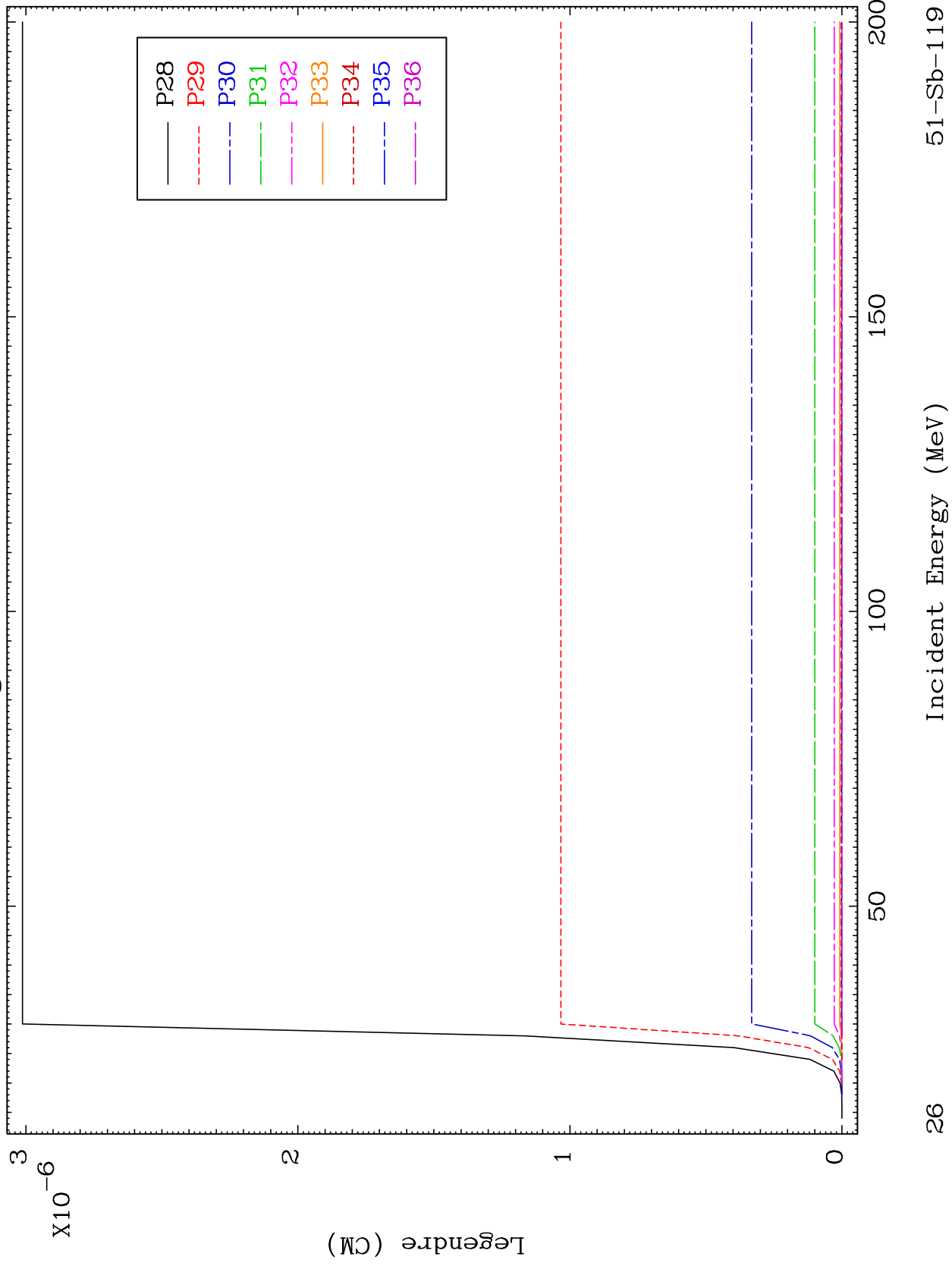
Incident Energy (MeV)

25

MAT 5119

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

51-Sb-119



26

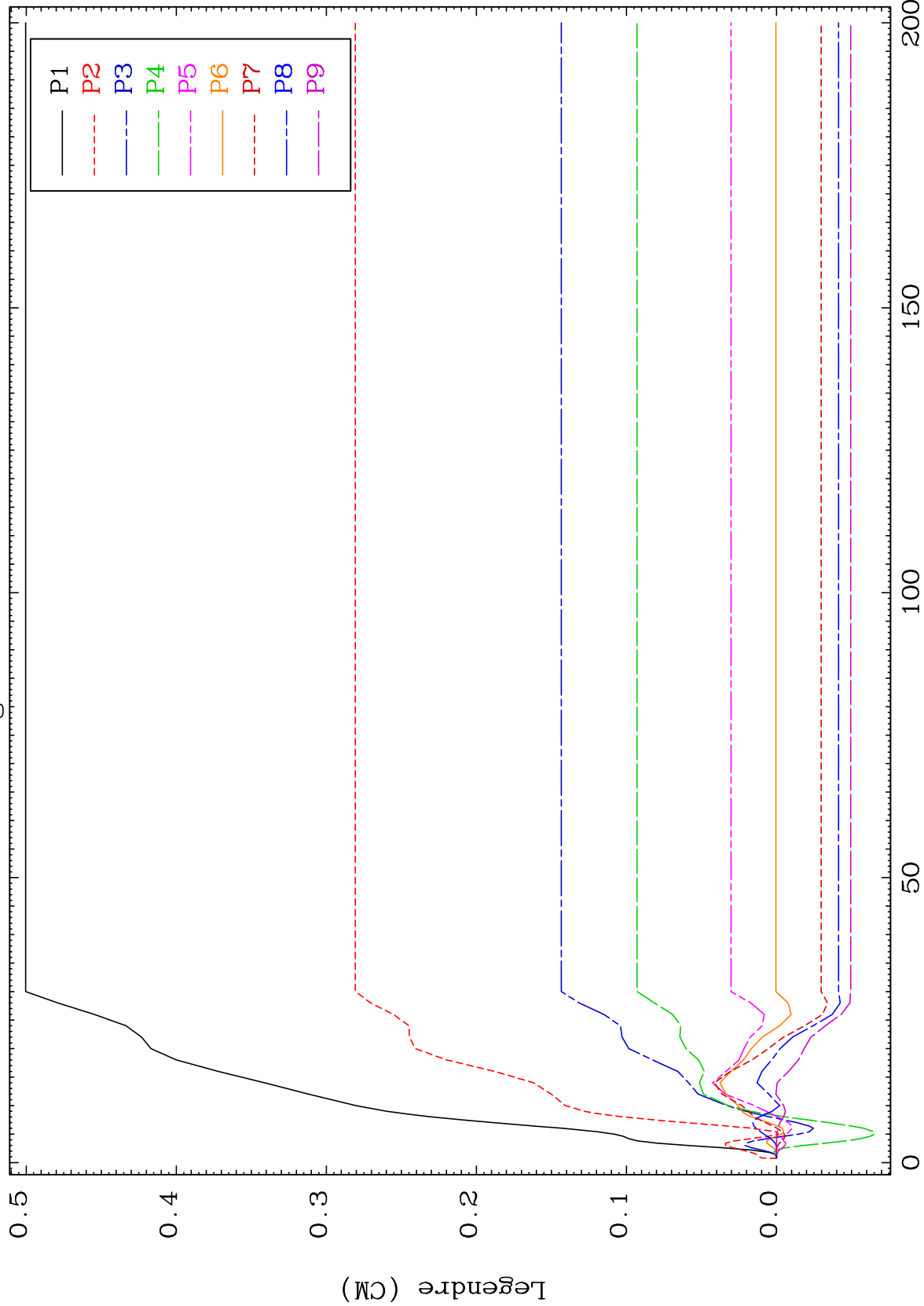
51-Sb-119

MAT 5119

MT= 53 (n,n') Level

51-Sb-119

Legendre Coefficients

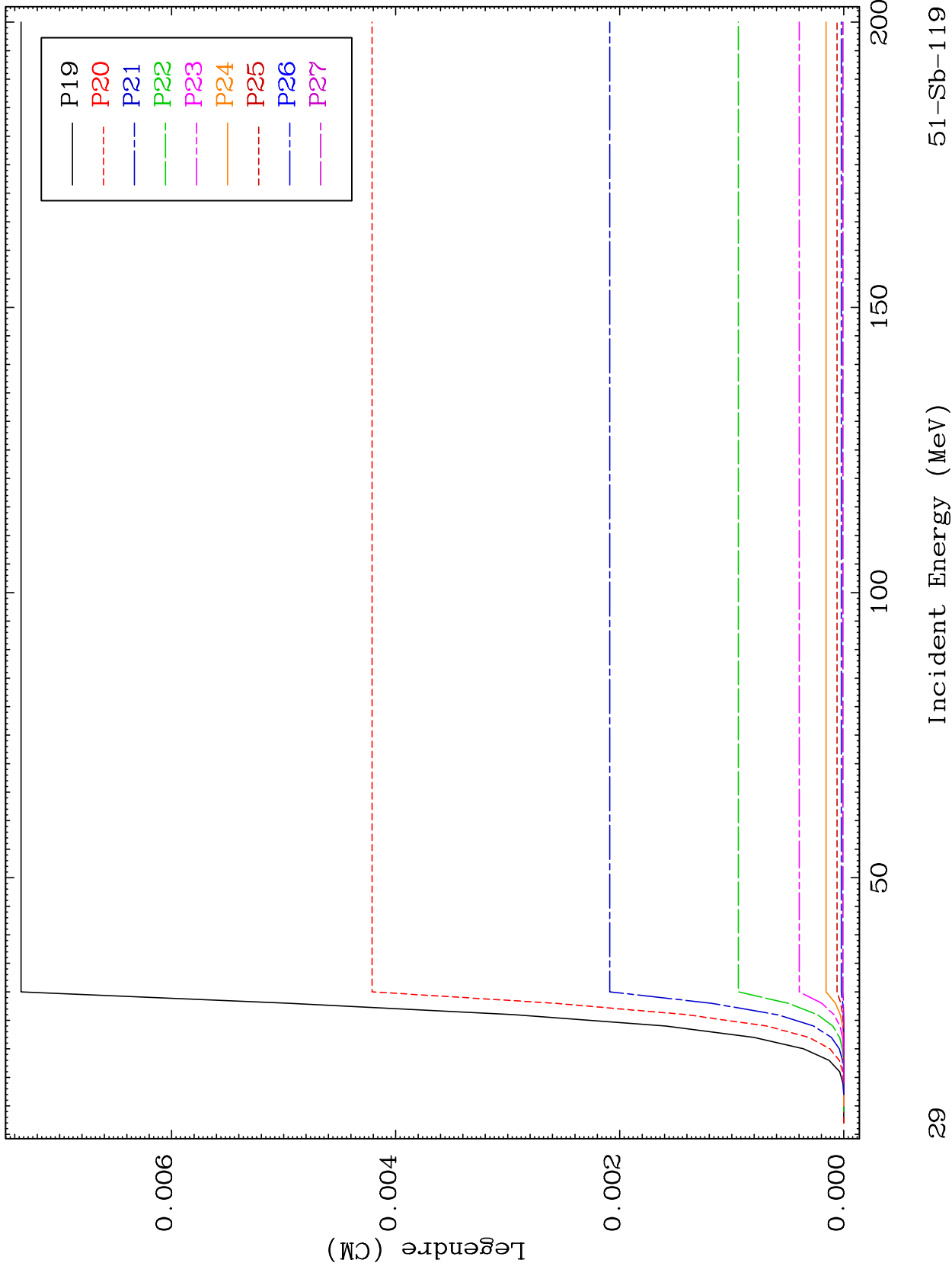


27

Incident Energy (MeV)

51-Sb-119

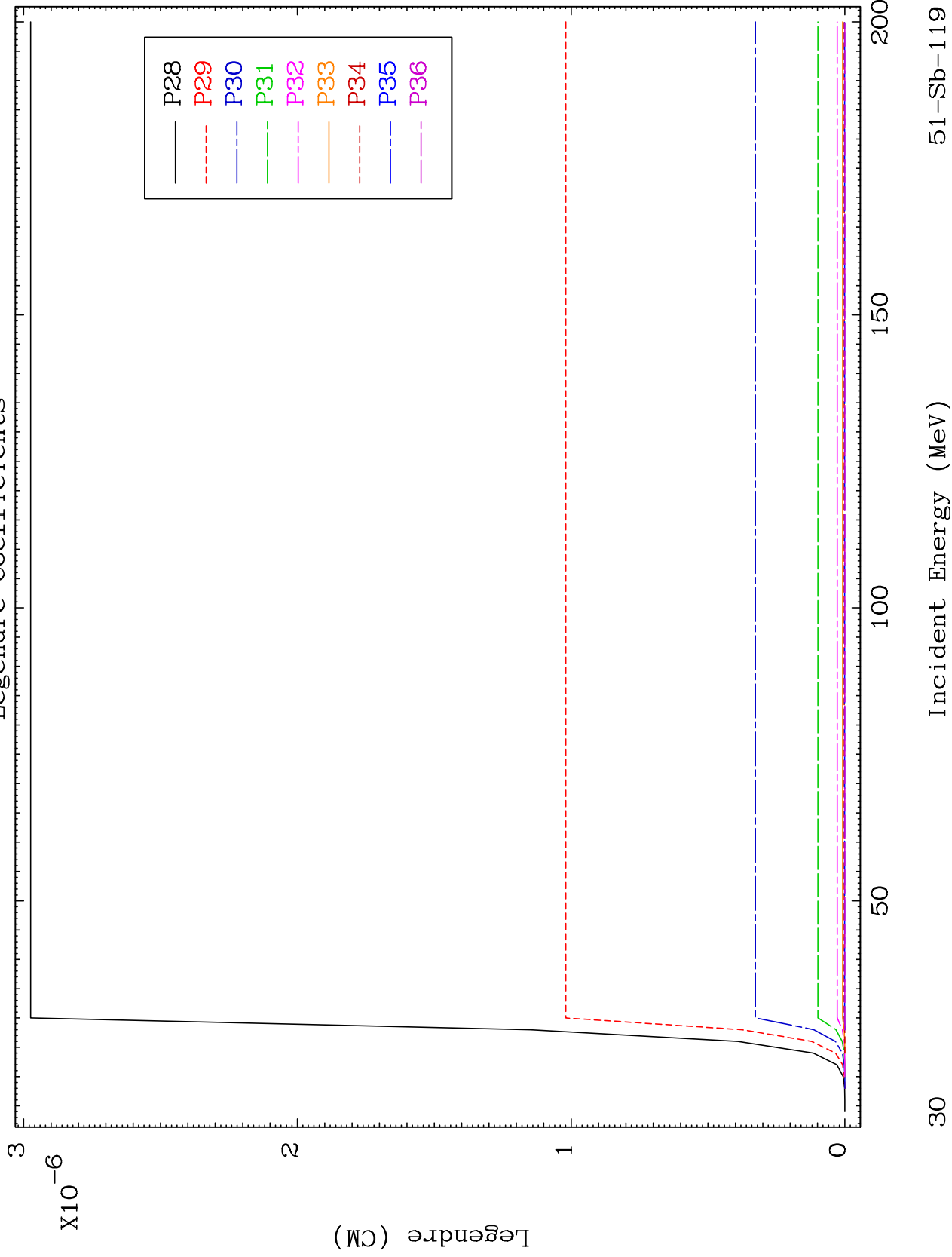




MAT 5119

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

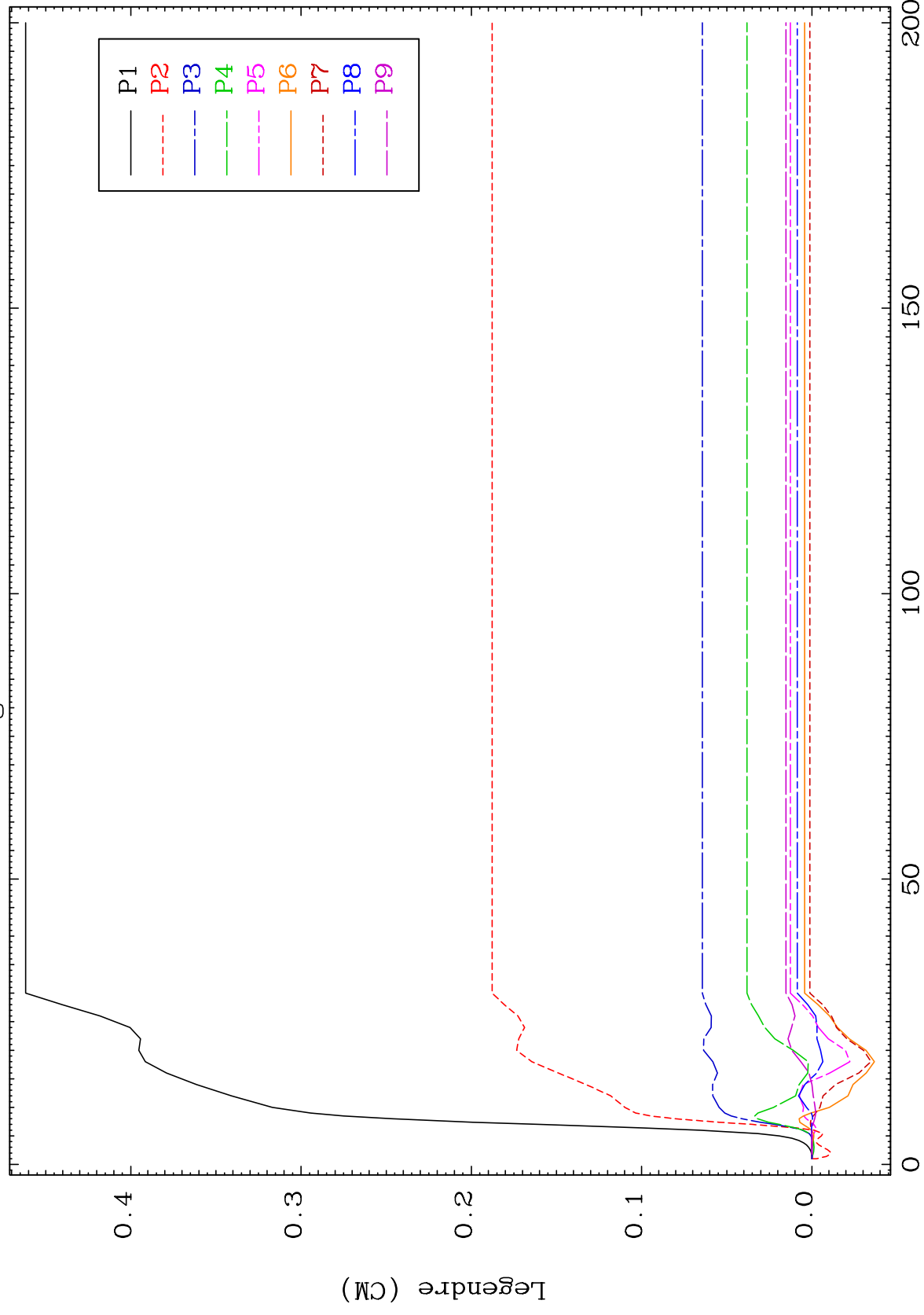
51-Sb-119



MAT 5119

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

51-Sb-119



31

Incident Energy (MeV)

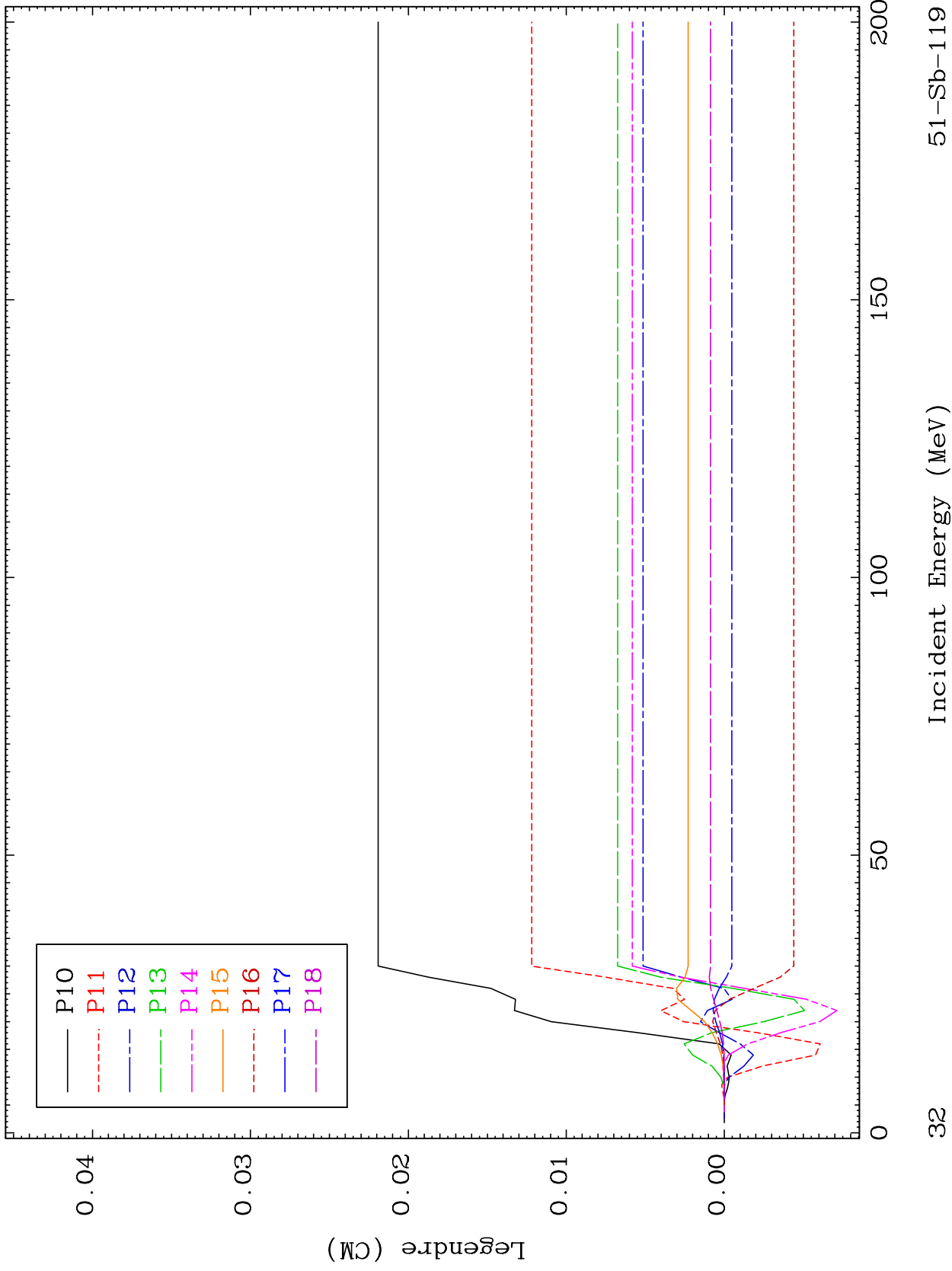
51-Sb-119



MAT 5119

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

51-Sb-119



51-Sb-119

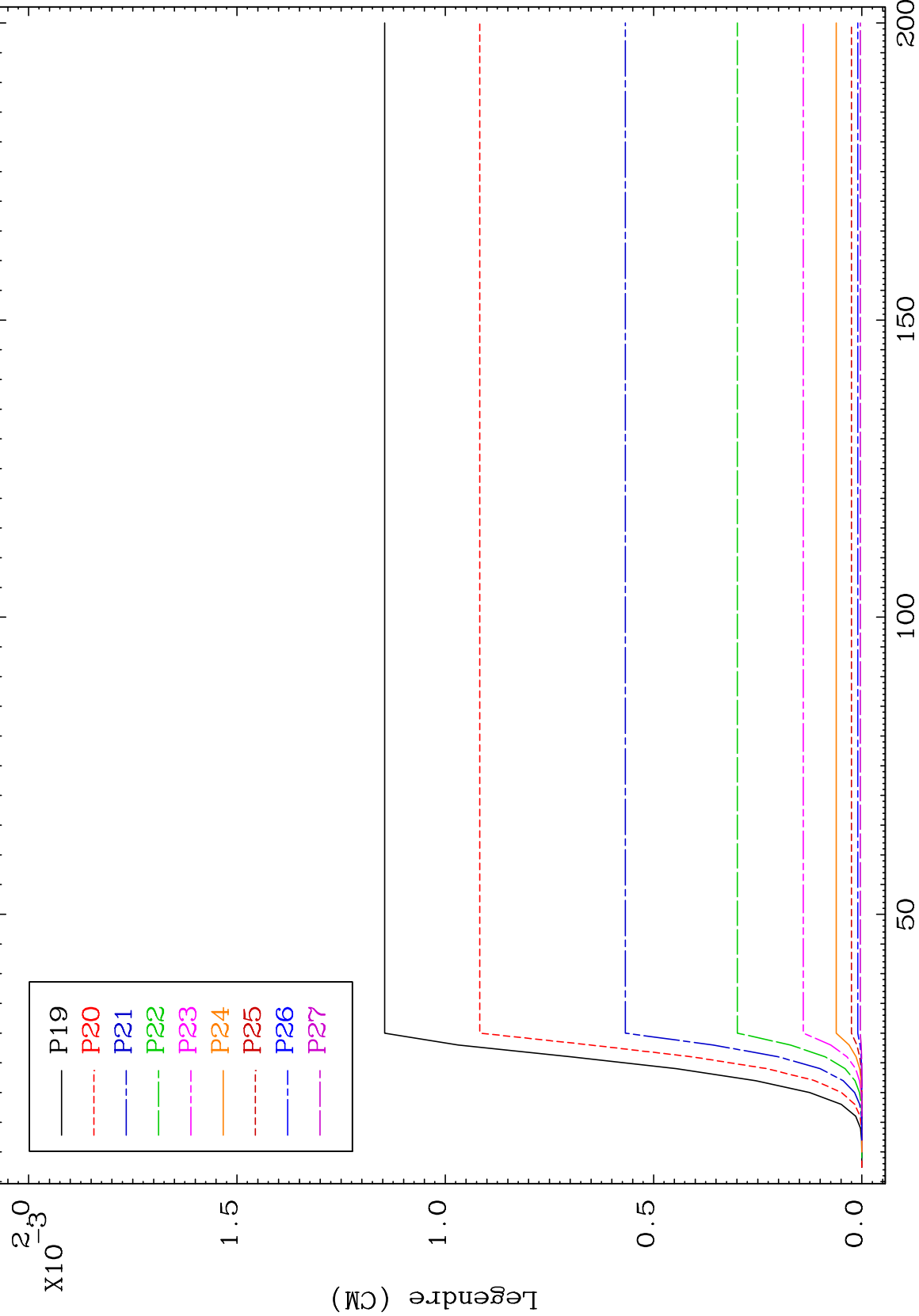
Incident Energy (MeV)

32

MAT 5119

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

51-Sb-119



33

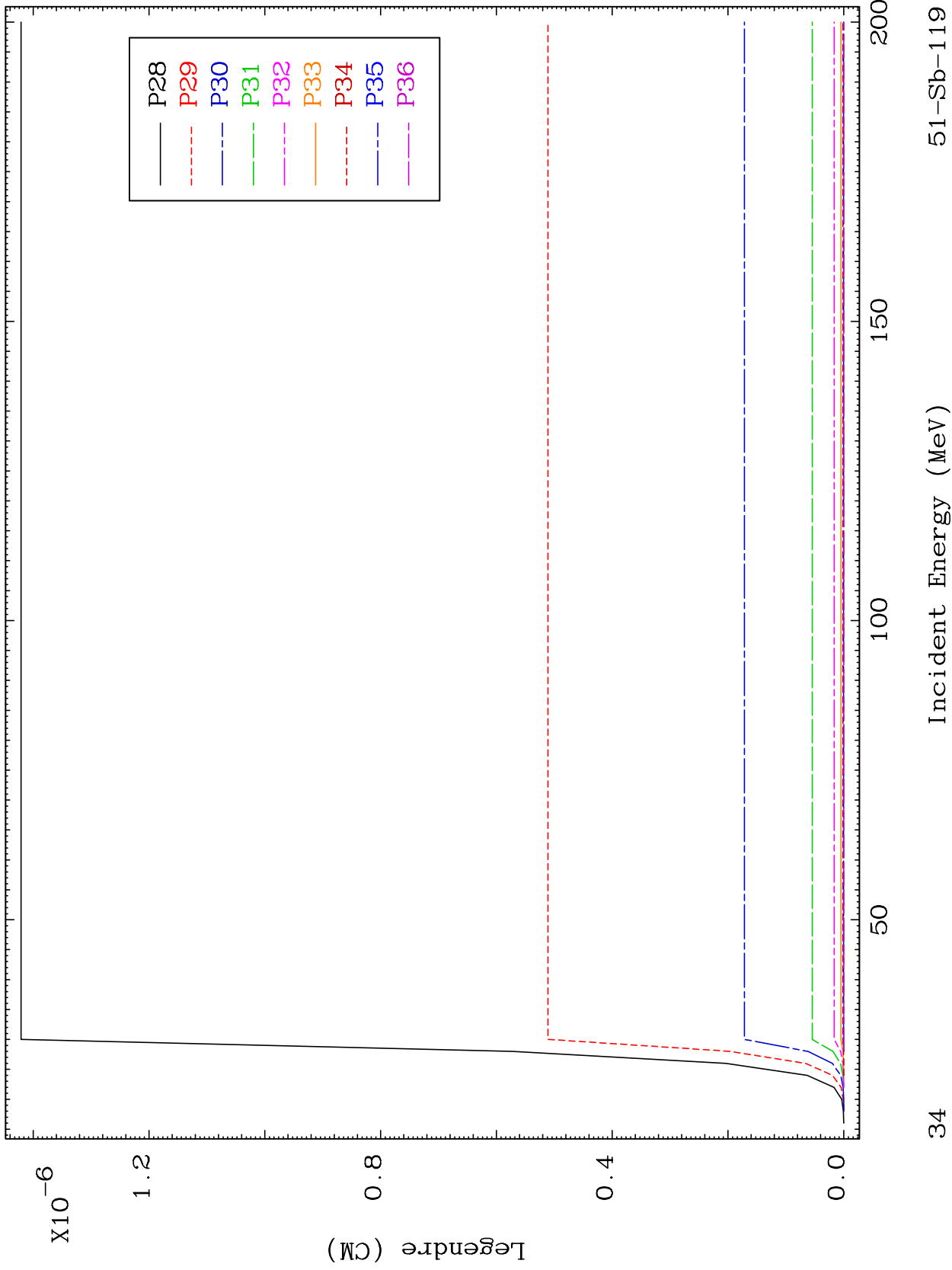
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119

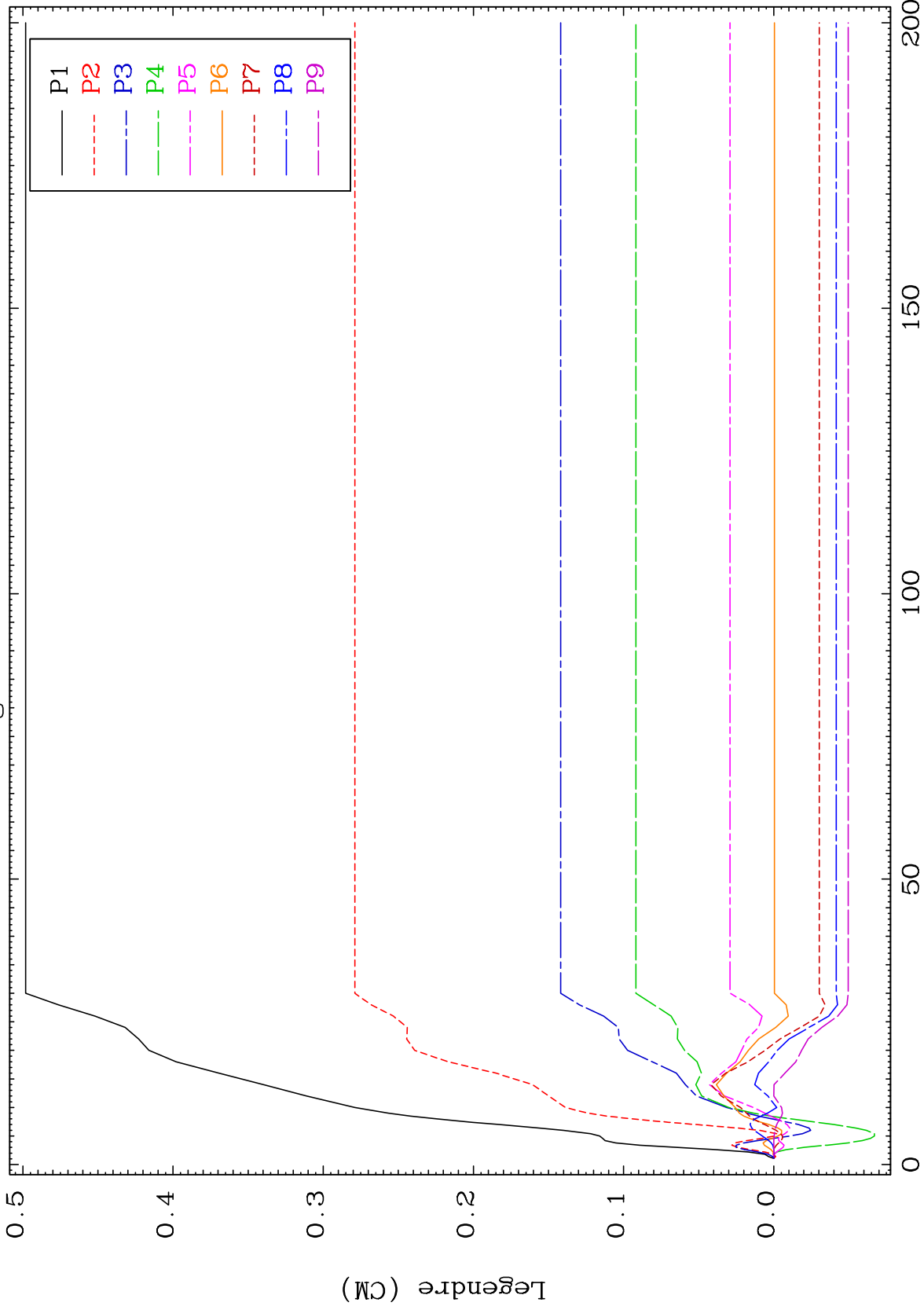


MAT 5119

MT= 55 (n,n') Level

51-Sb-119

Legendre Coefficients



51-Sb-119

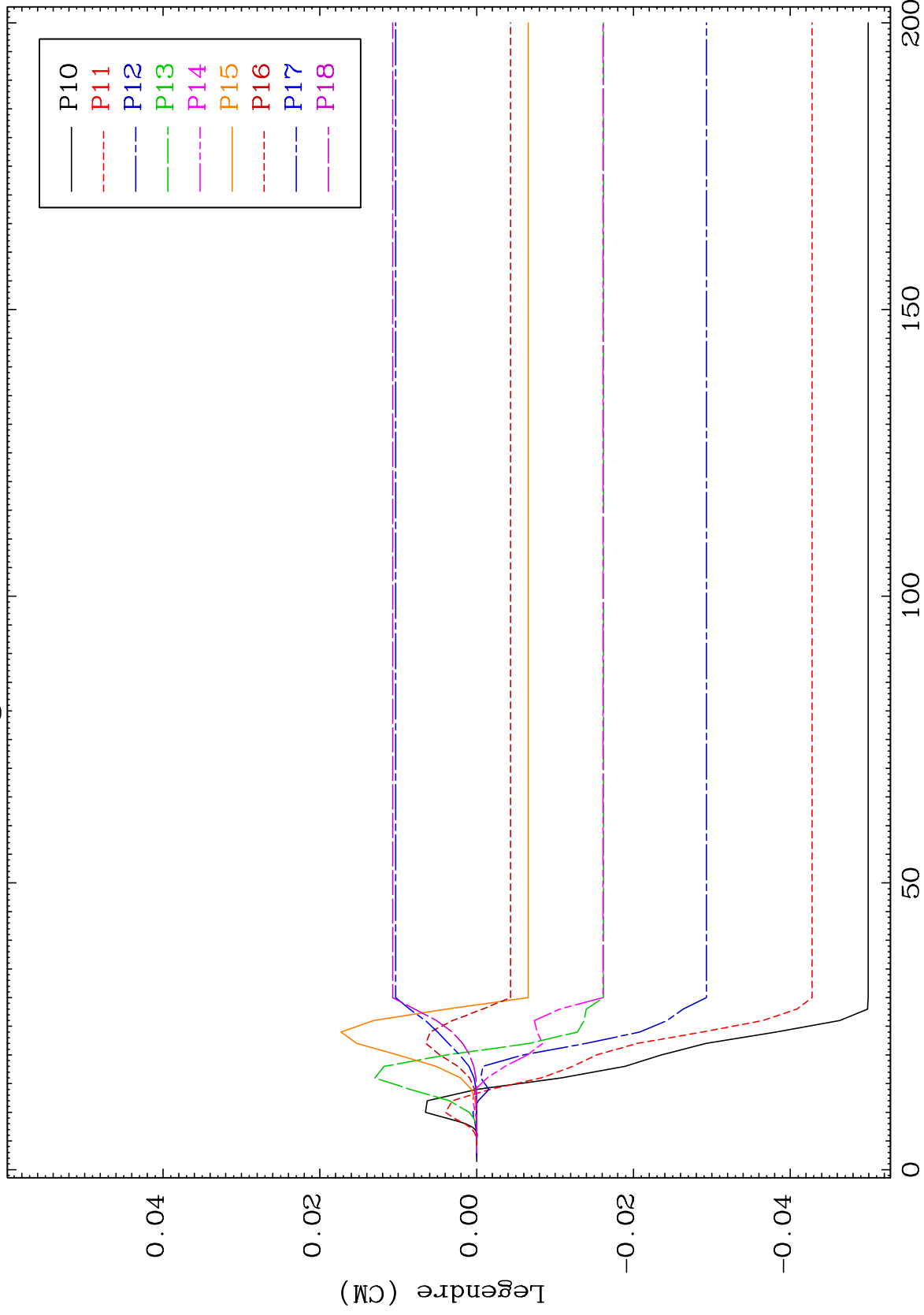
Incident Energy (MeV)

35

MAT 5119

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

51-Sb-119



36

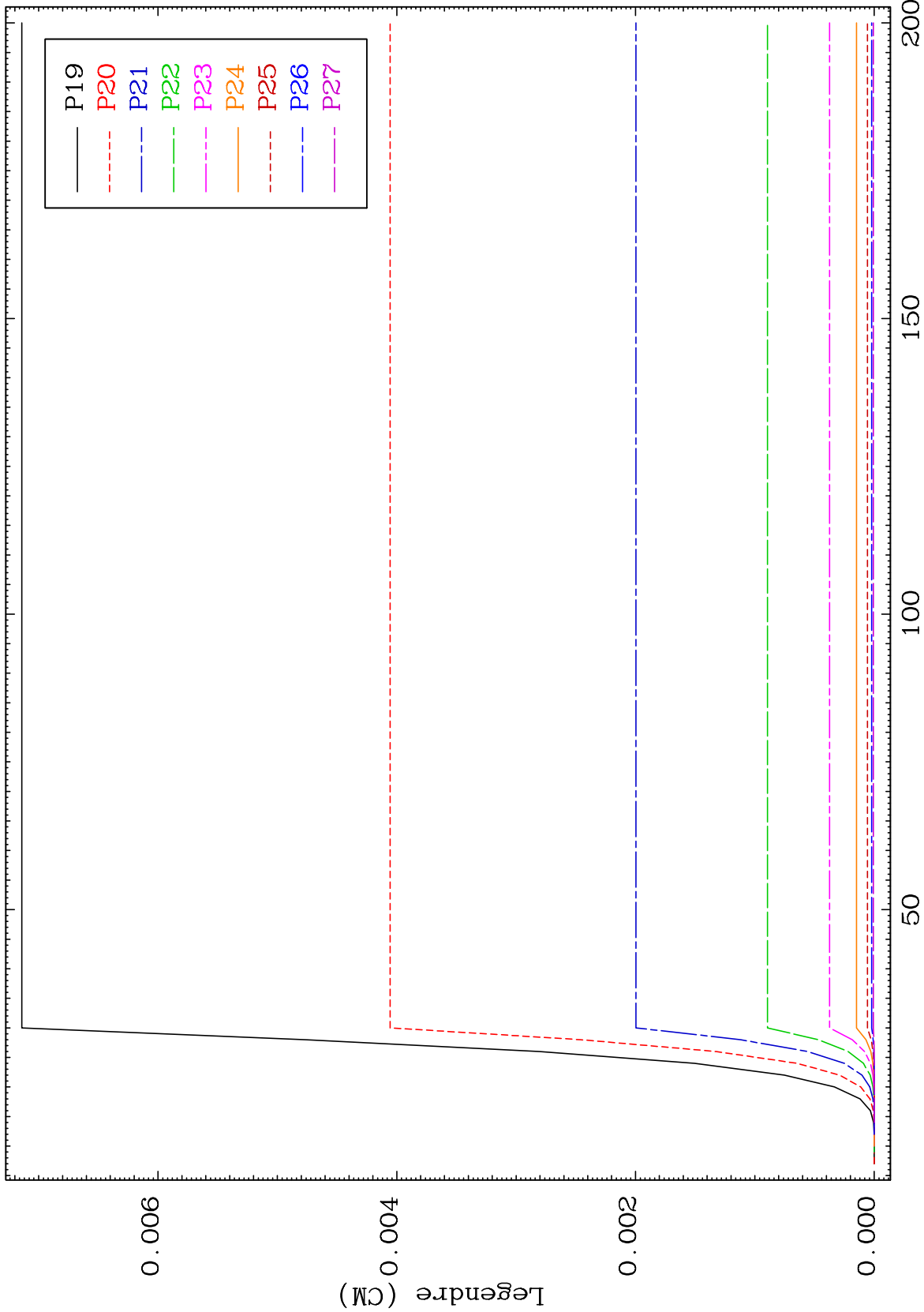
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



37

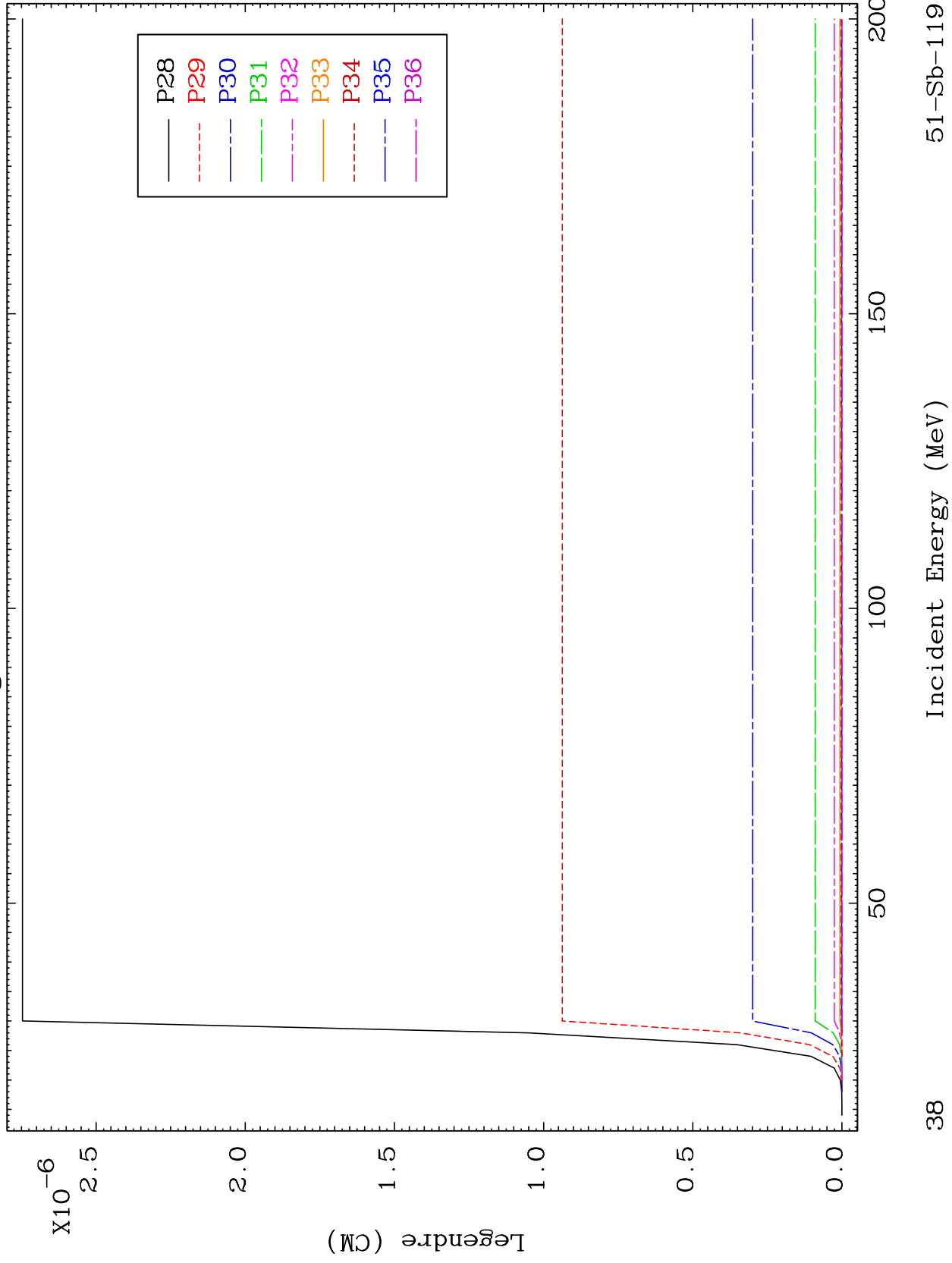
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

51-Sb-119



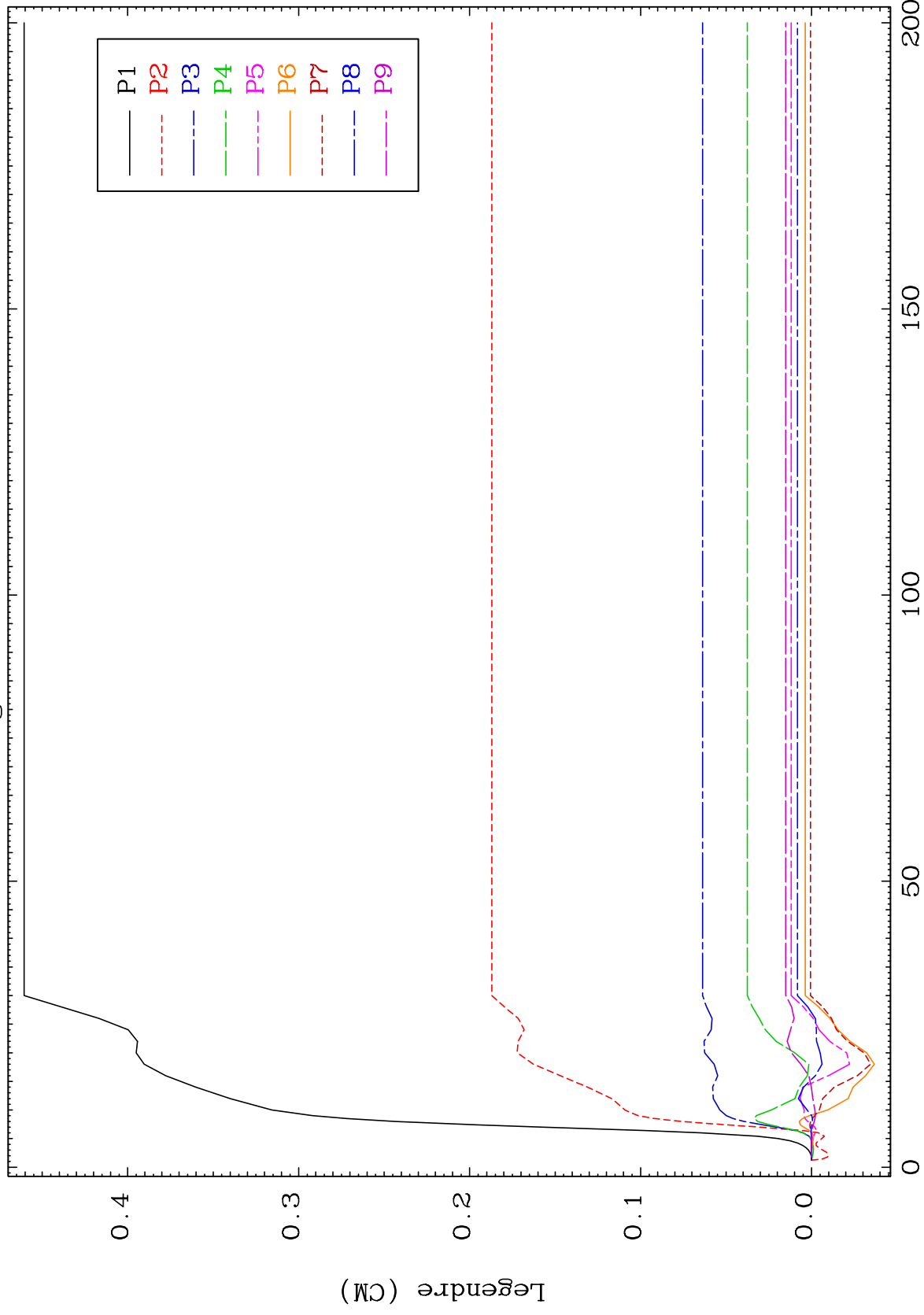
38

51-Sb-119

MAT 51119

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

51-Sb-119



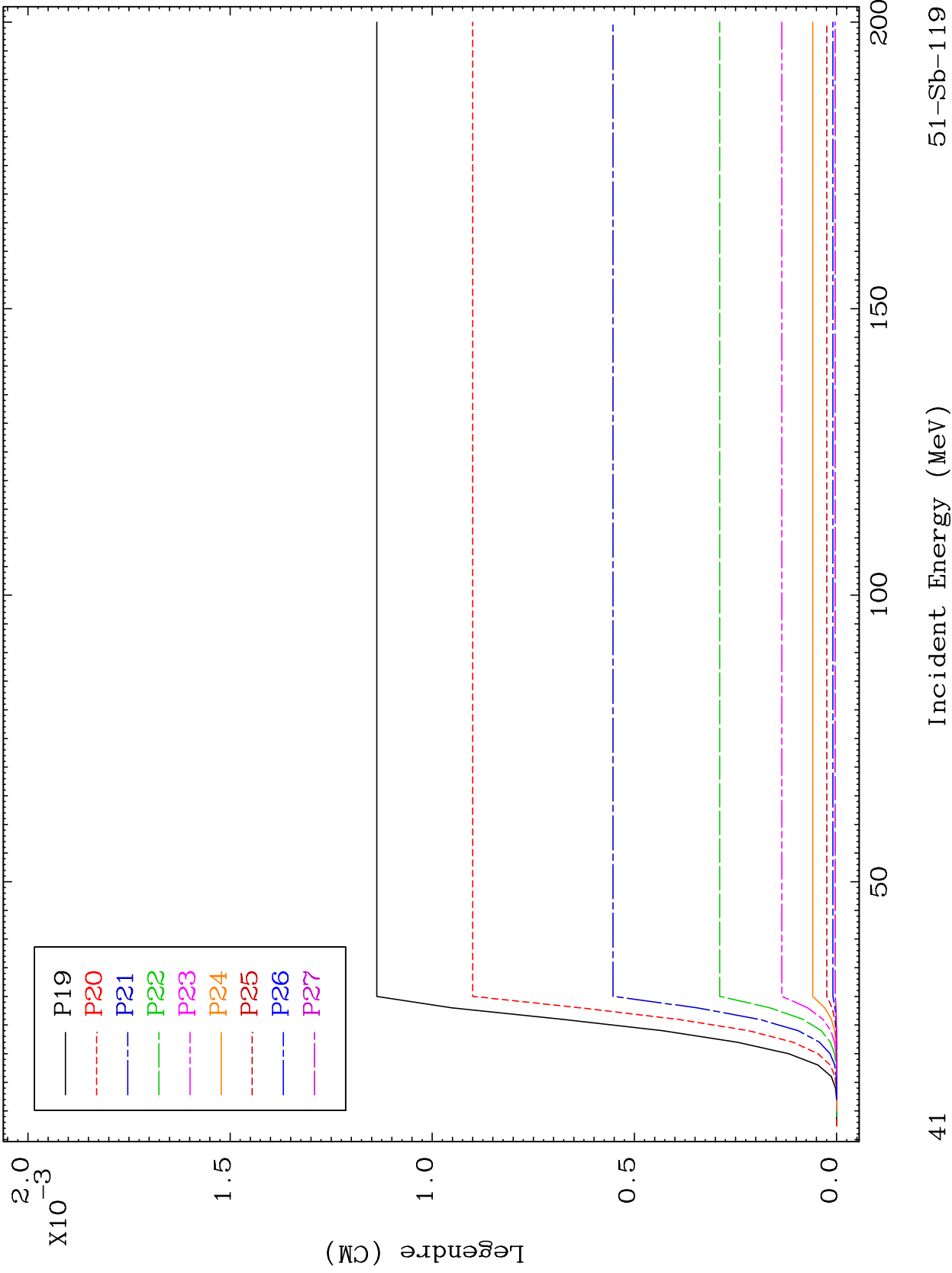
39

Incident Energy (MeV)

51-Sb-119



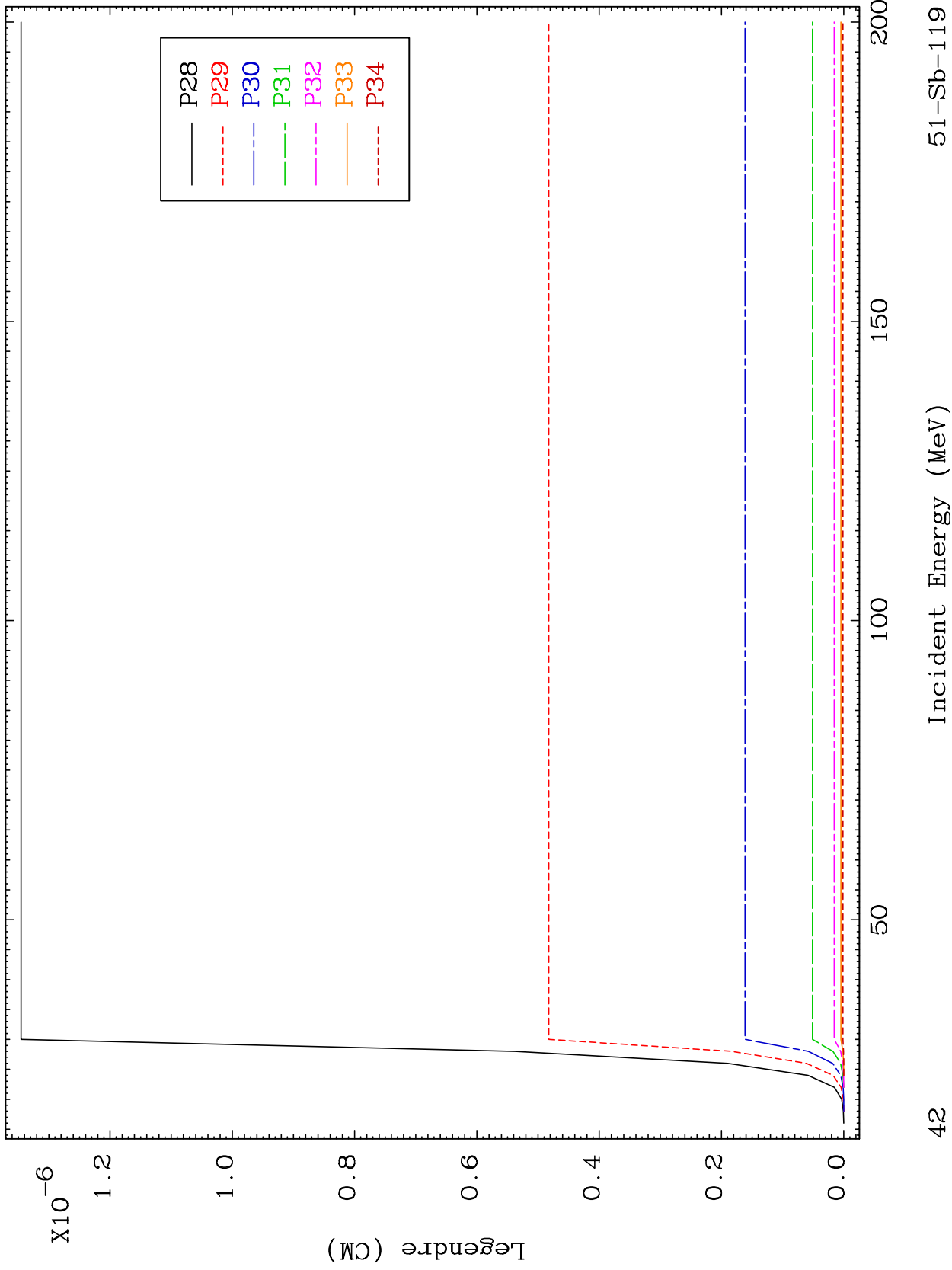




MAT 5119

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

51-Sb-119



42

Incident Energy (MeV)

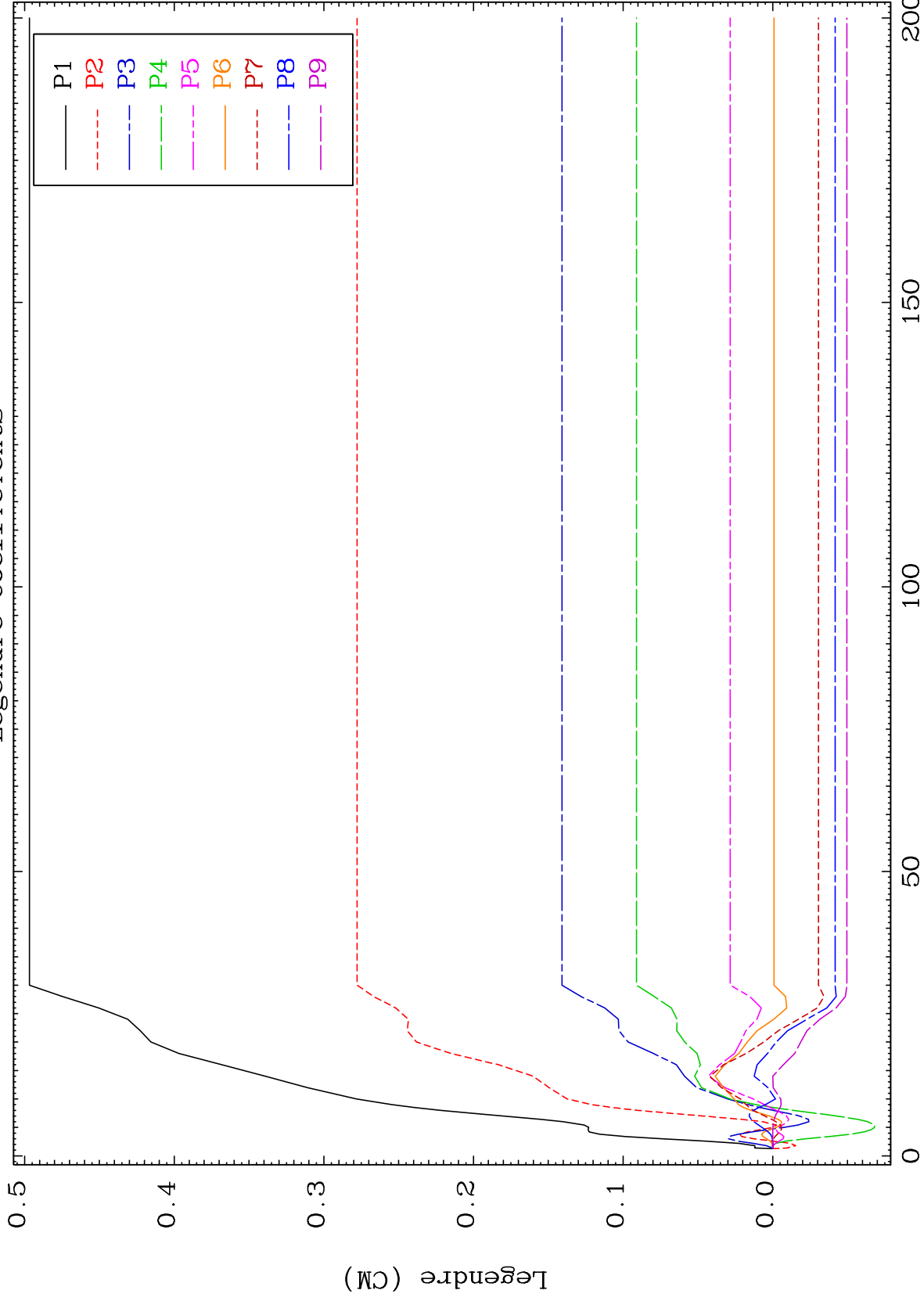
51-Sb-119

MAT 5119

MT= 57 (n,n') Level

51-Sb-119

Legendre Coefficients



43

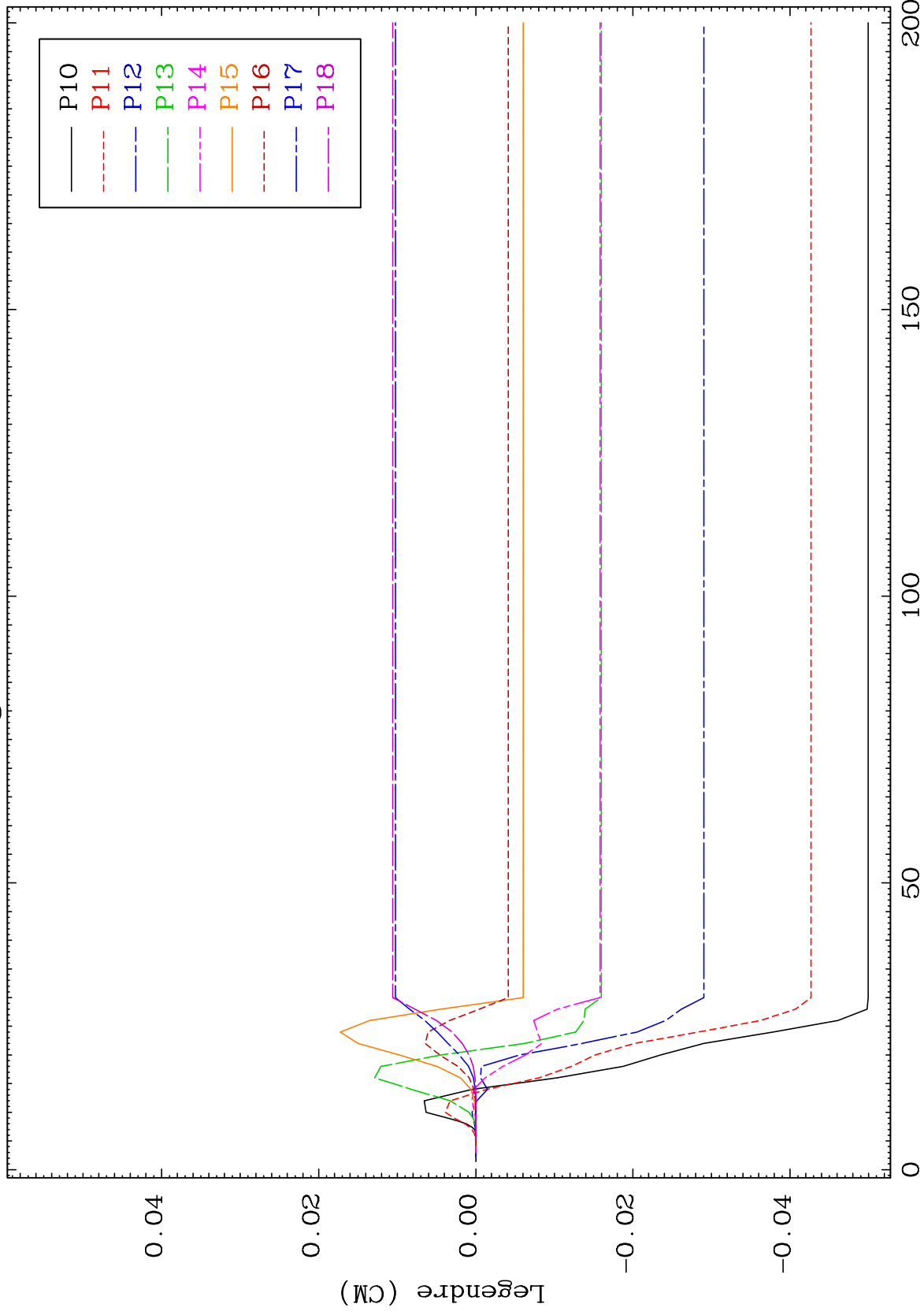
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



44

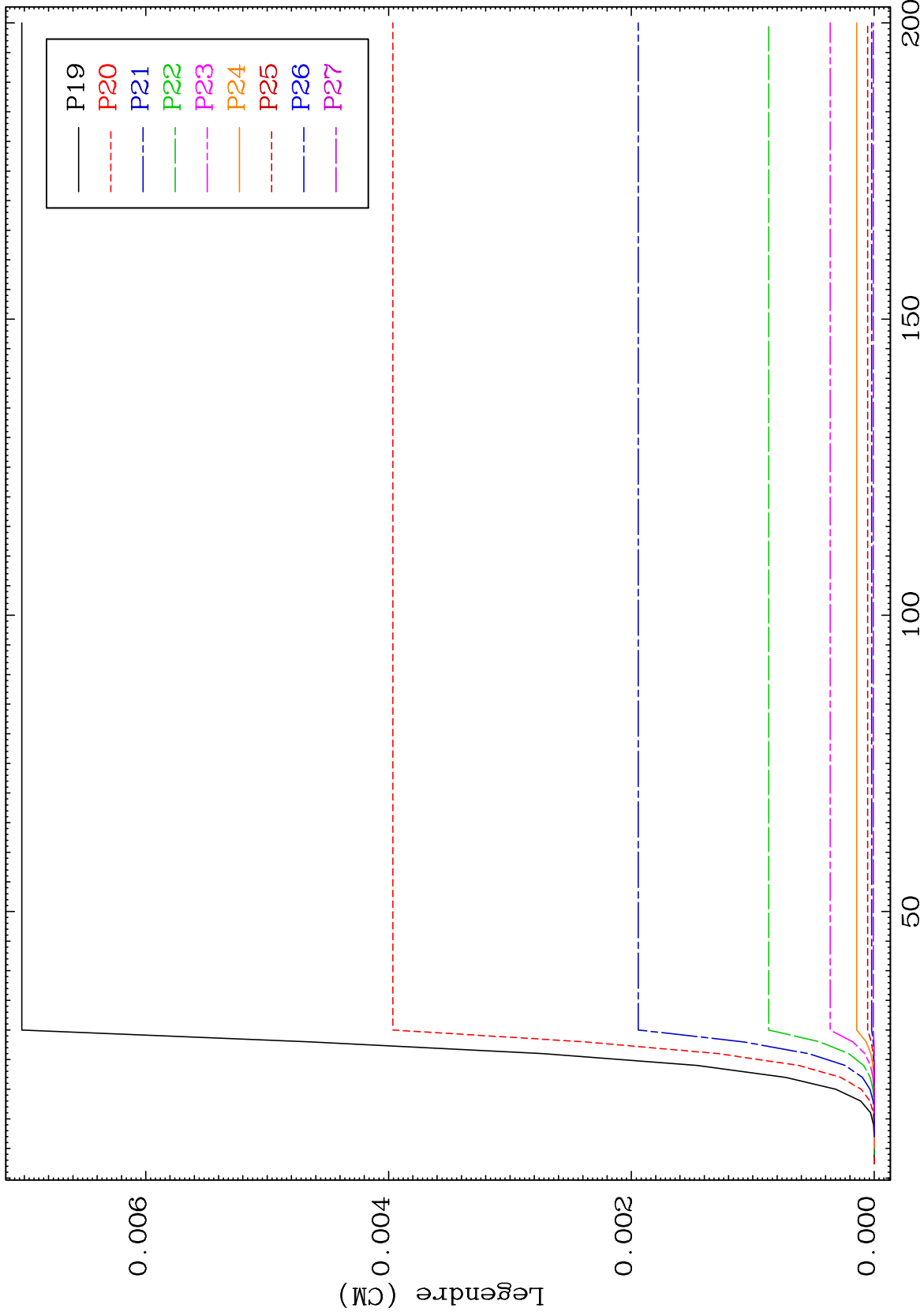
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



45

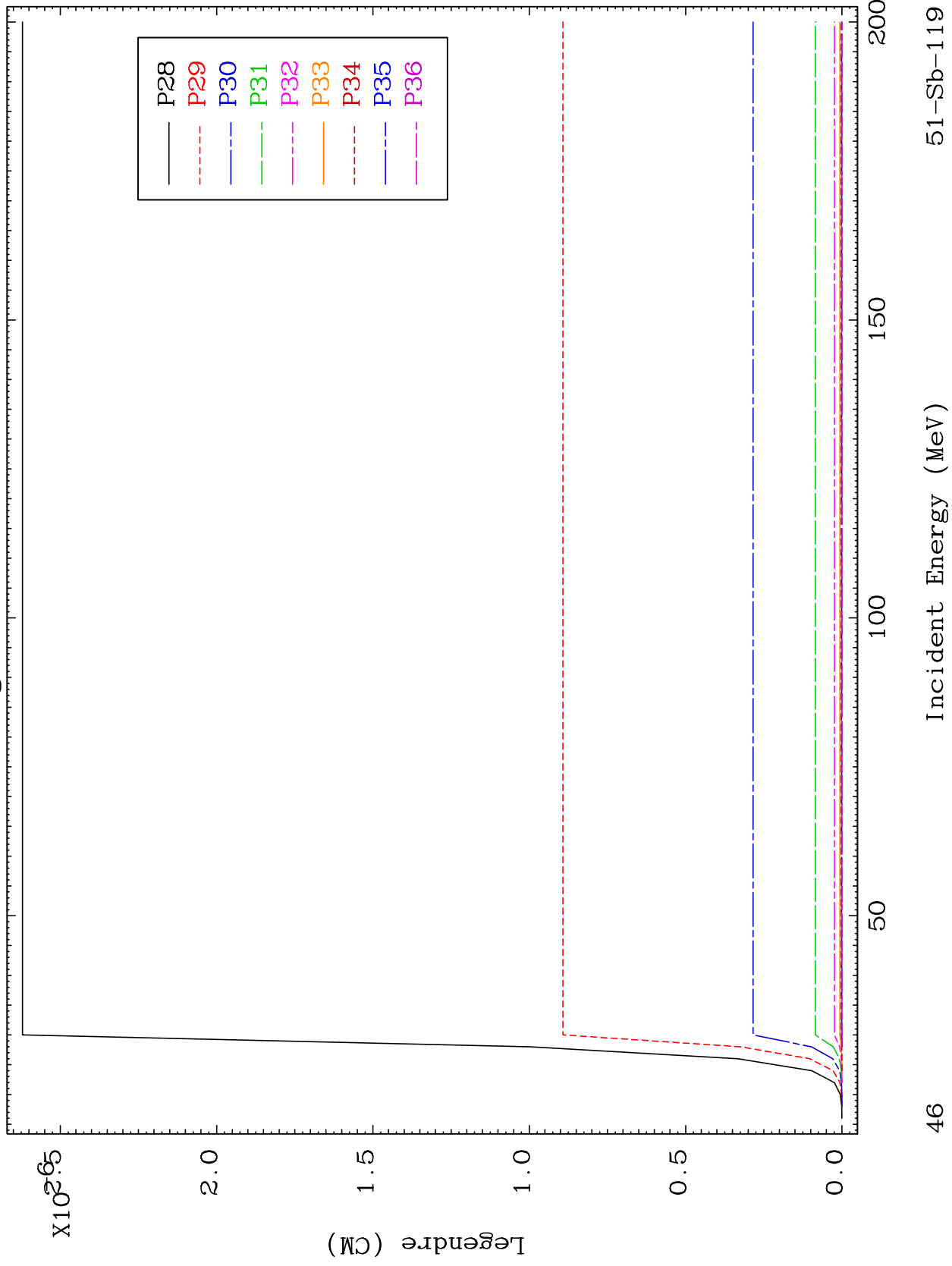
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

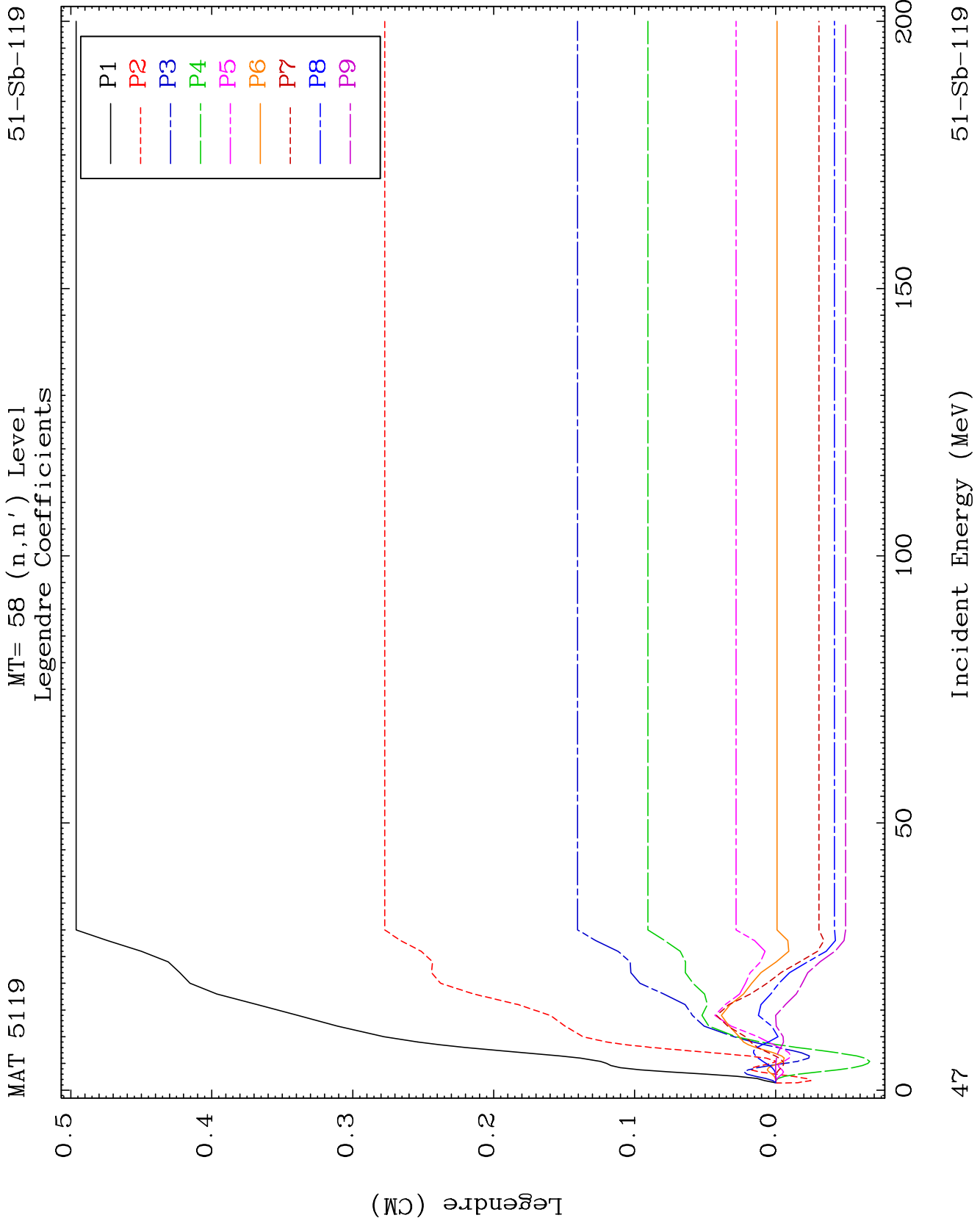
51-Sb-119



46

Incident Energy (MeV)

51-Sb-119

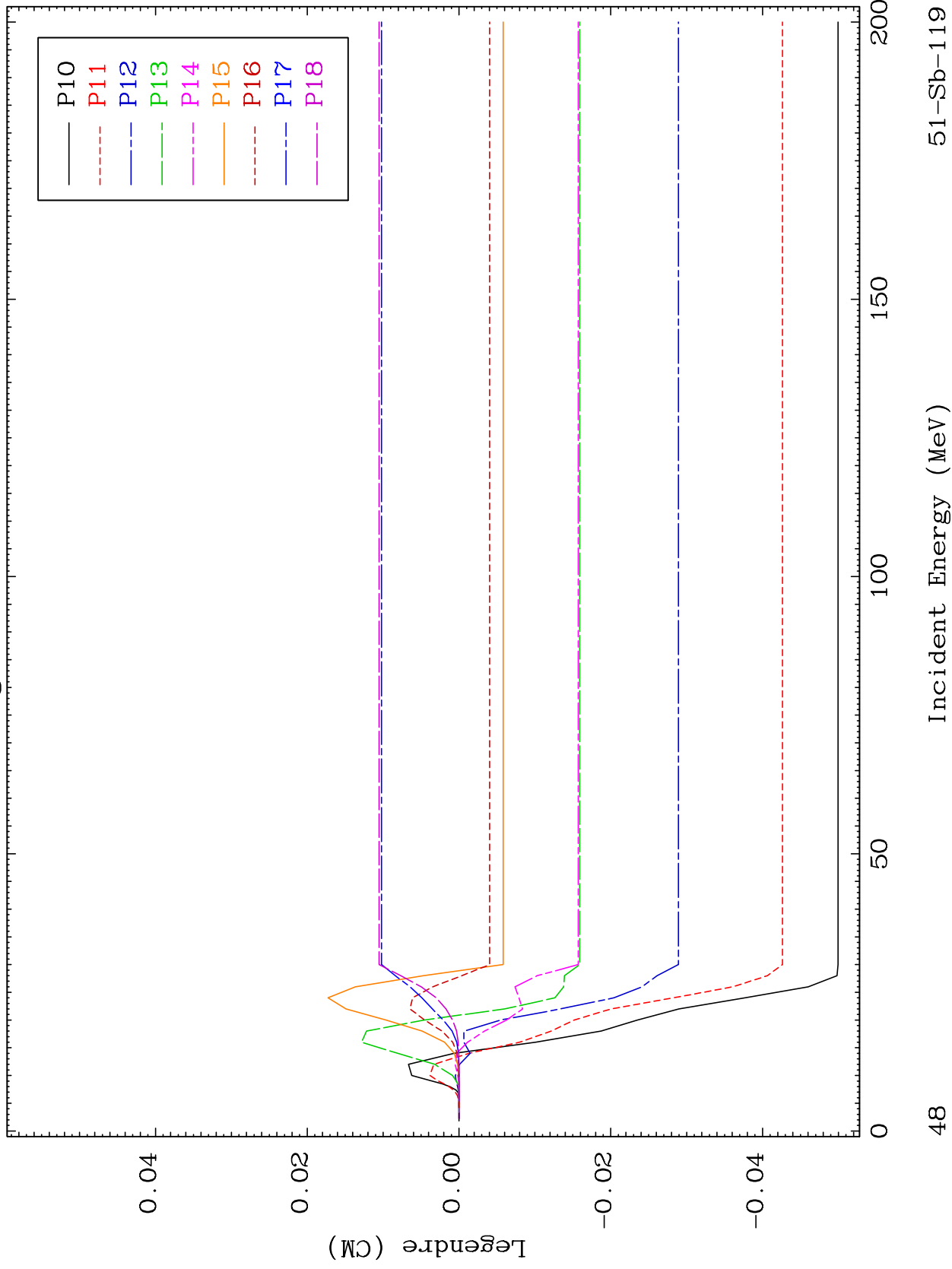




MAT 5119

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

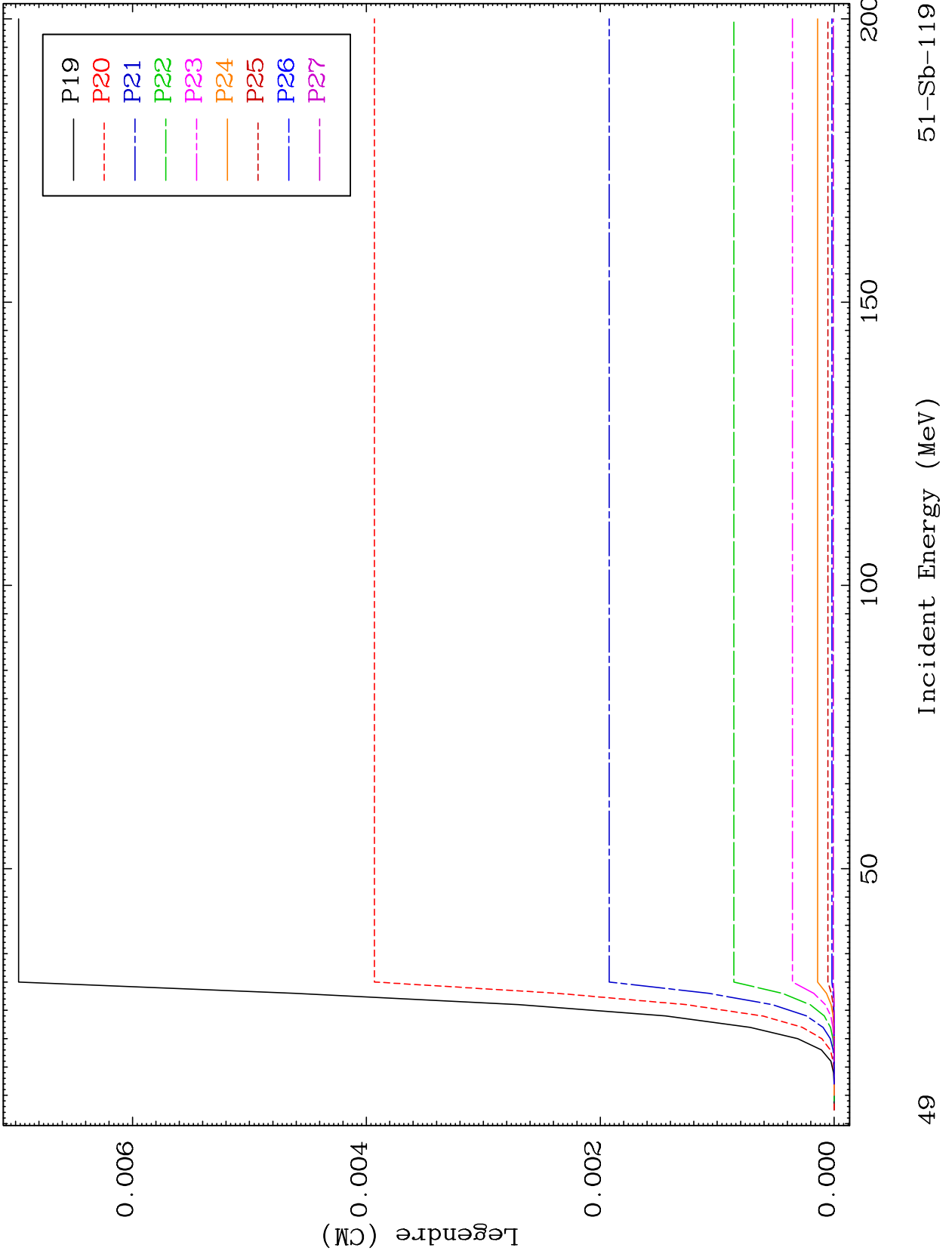
51-Sb-119



MAT 5119

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

51-Sb-119



49

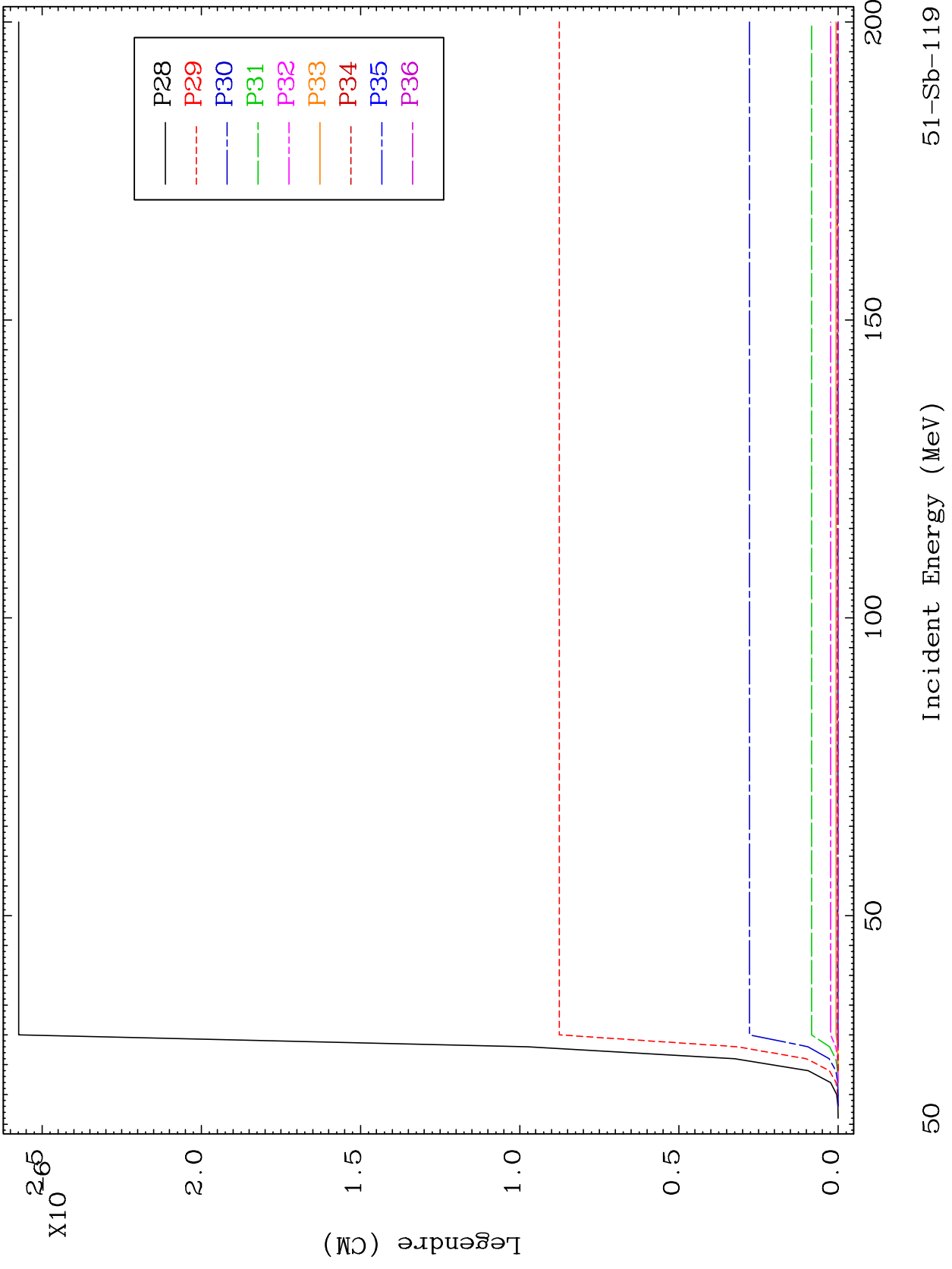
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119

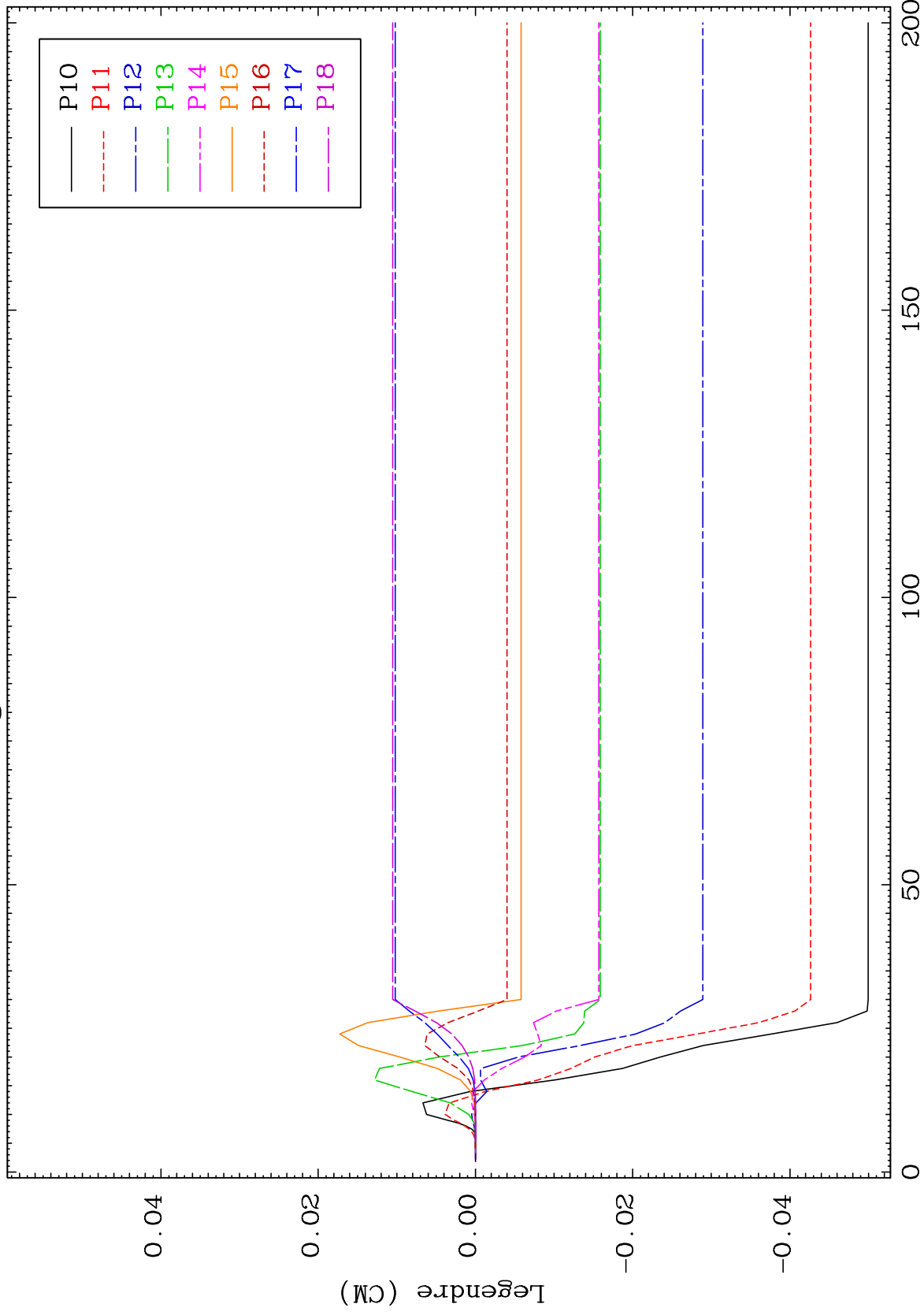




MAT 5119

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

51-Sb-119



52

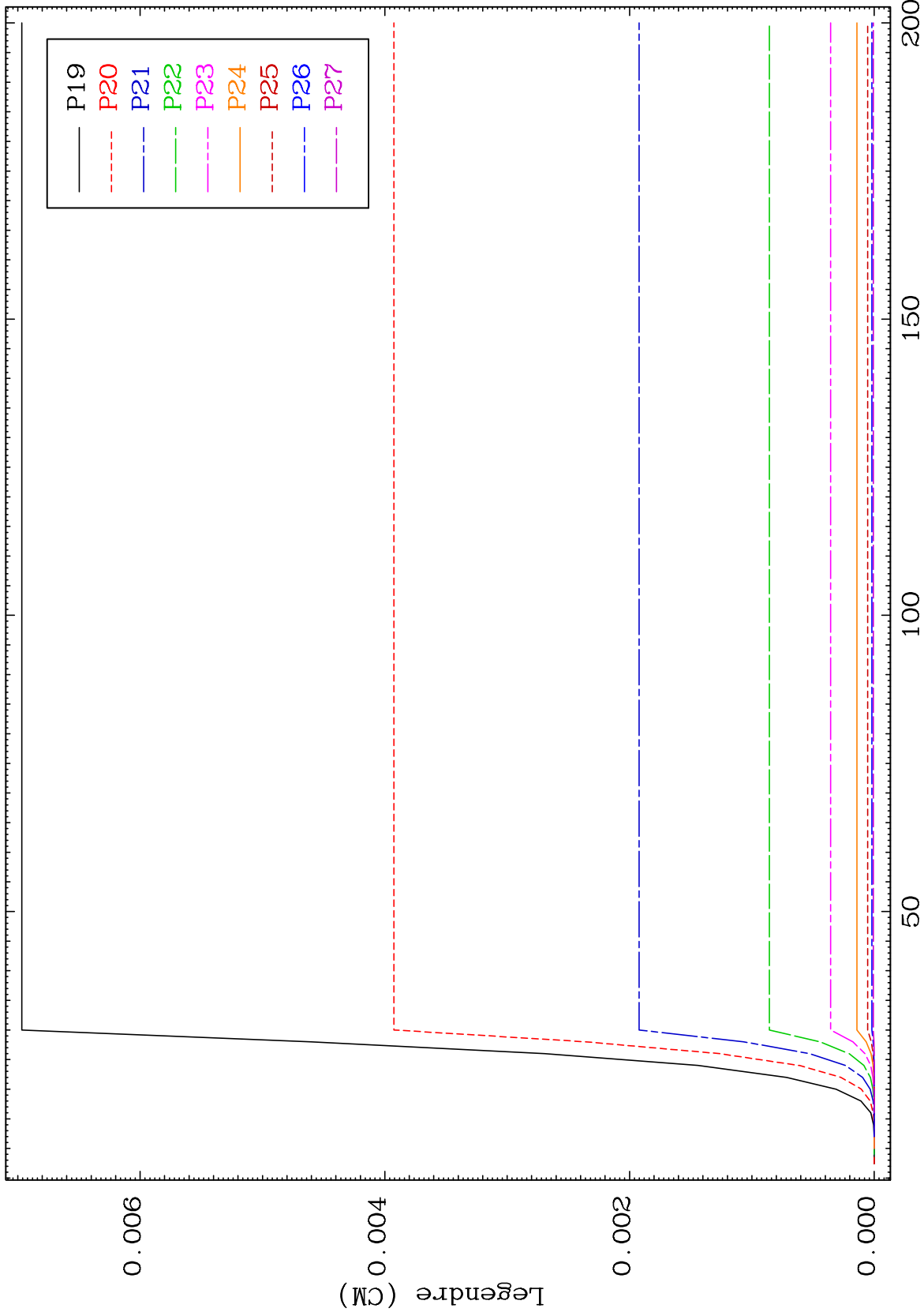
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

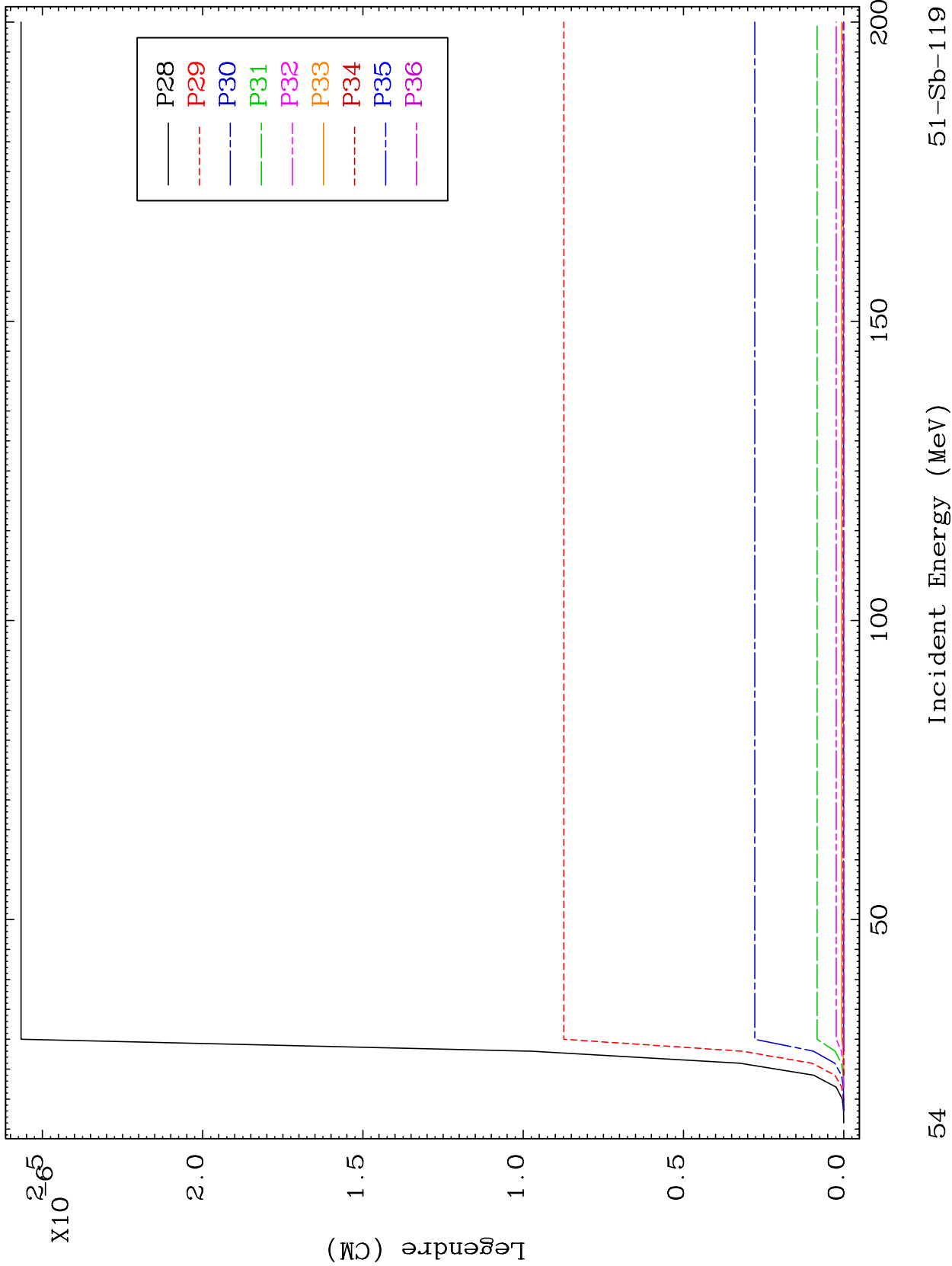
51-Sb-119



53

Incident Energy (MeV)

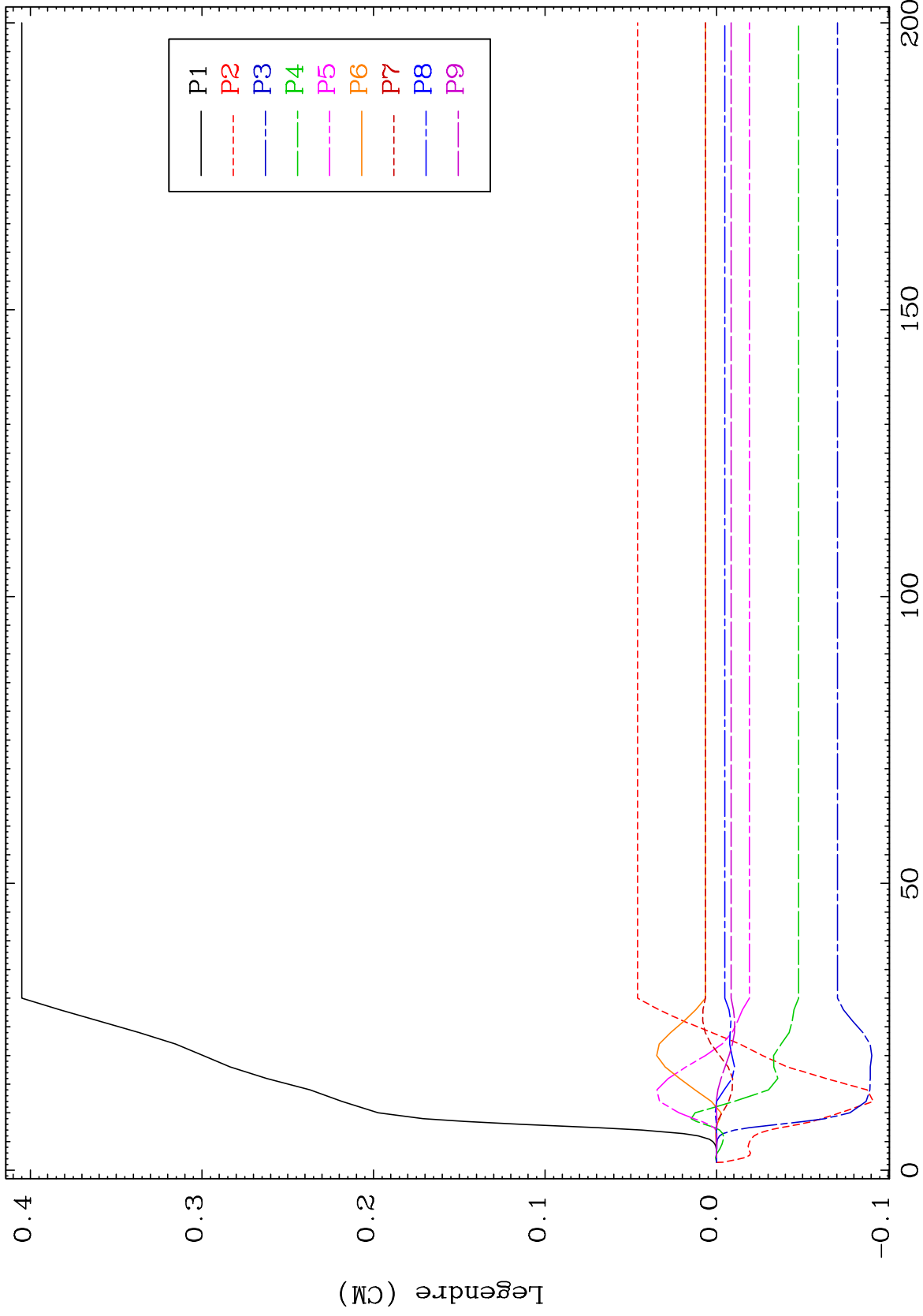
51-Sb-119



MAT 5119

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

51-Sb-119



55

Incident Energy (MeV)

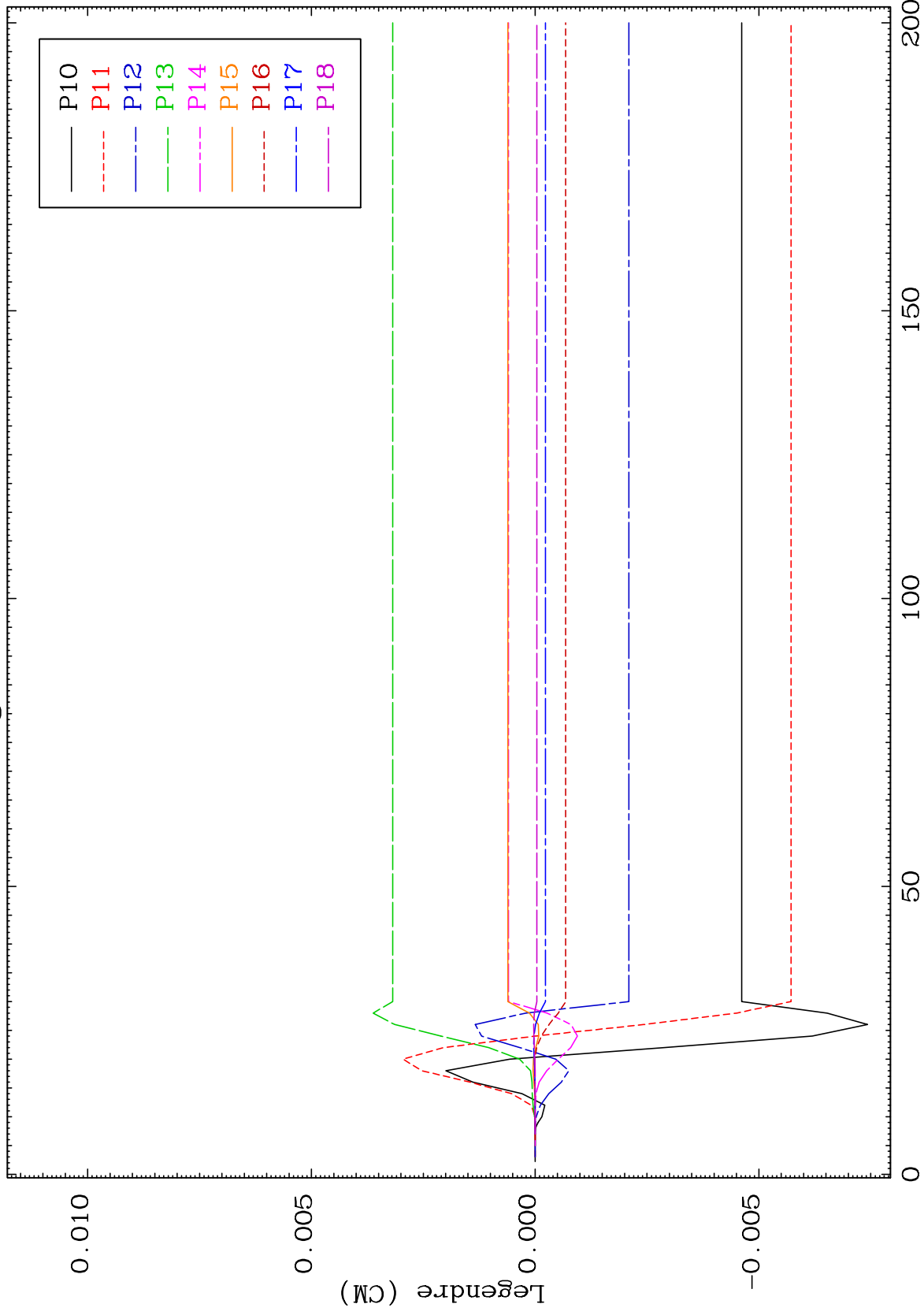
51-Sb-119



MAT 5119

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

51-Sb-119



56

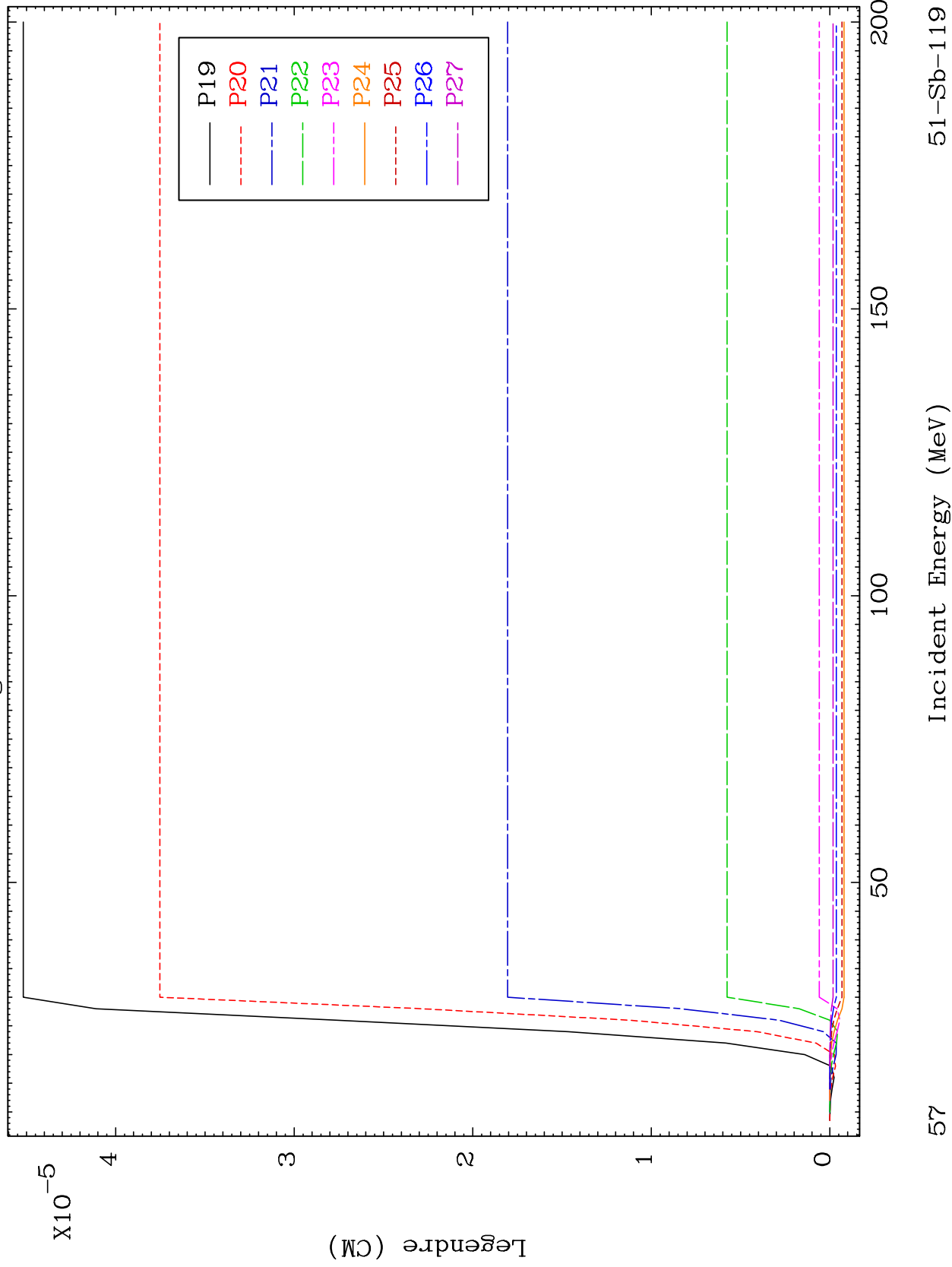
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

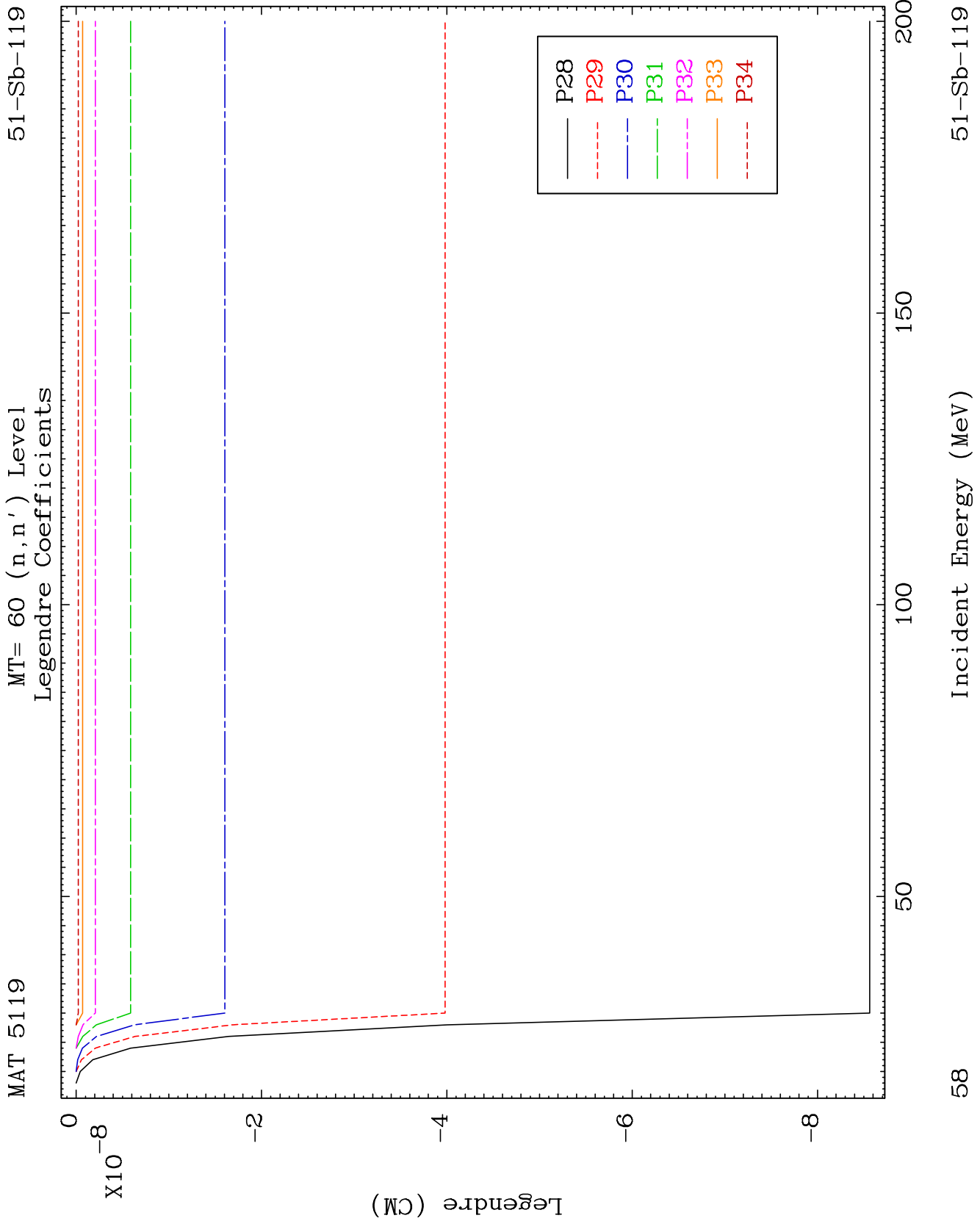
51-Sb-119



57

Incident Energy (MeV)

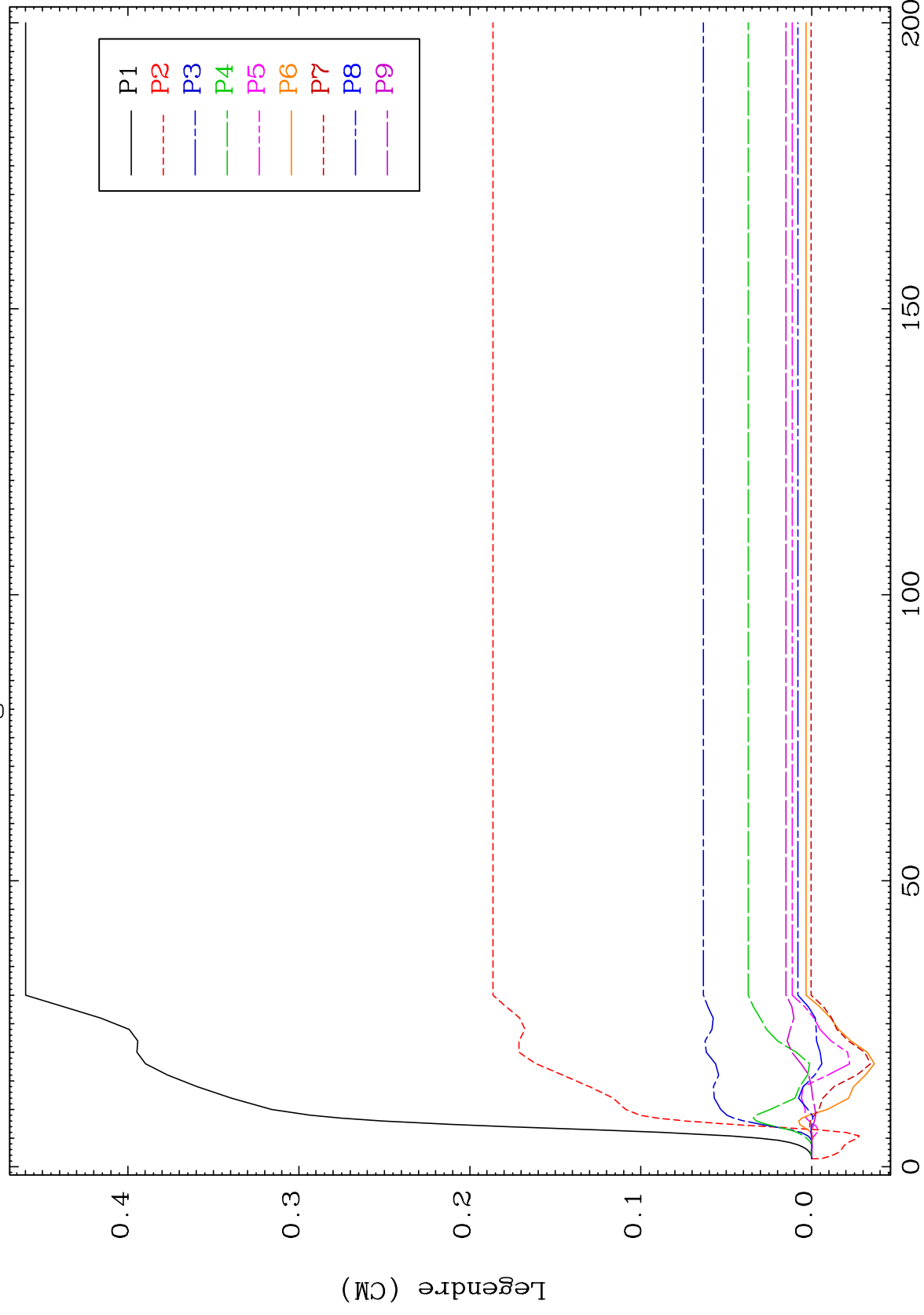
51-Sb-119



MAT 51119

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

51-Sb-119



59

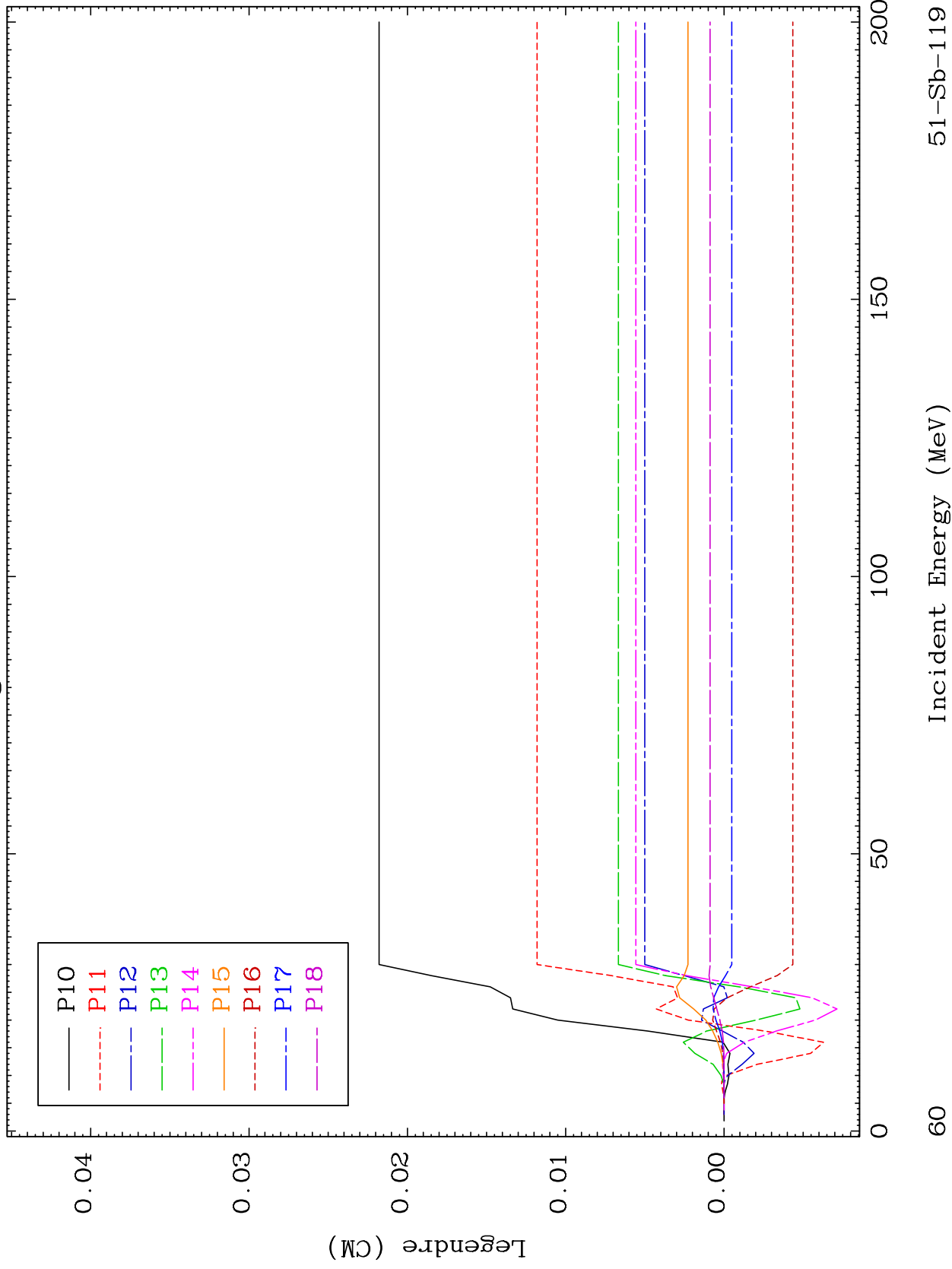
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



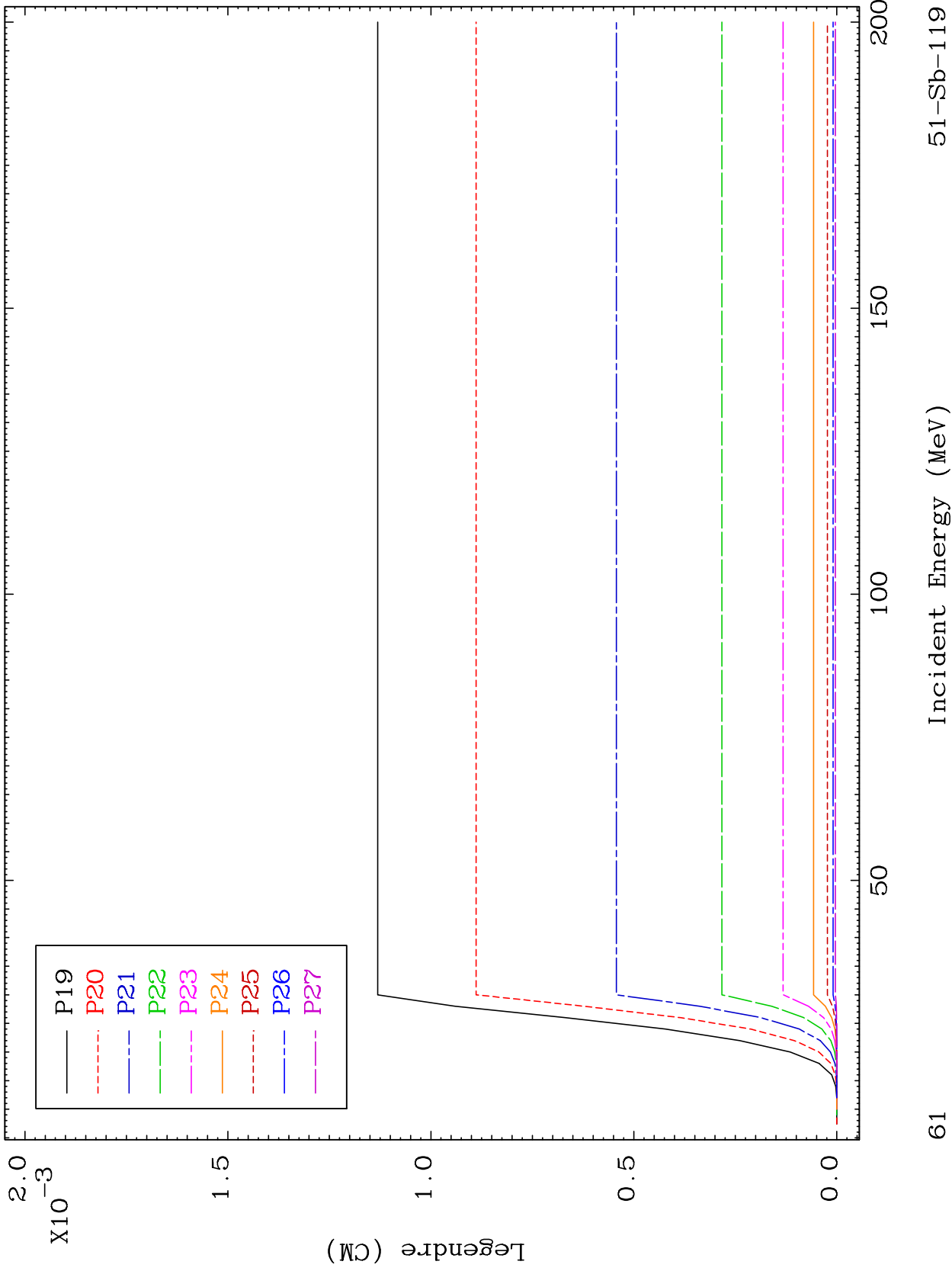
51-Sb-119

Incident Energy (MeV)

MAT 5119

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

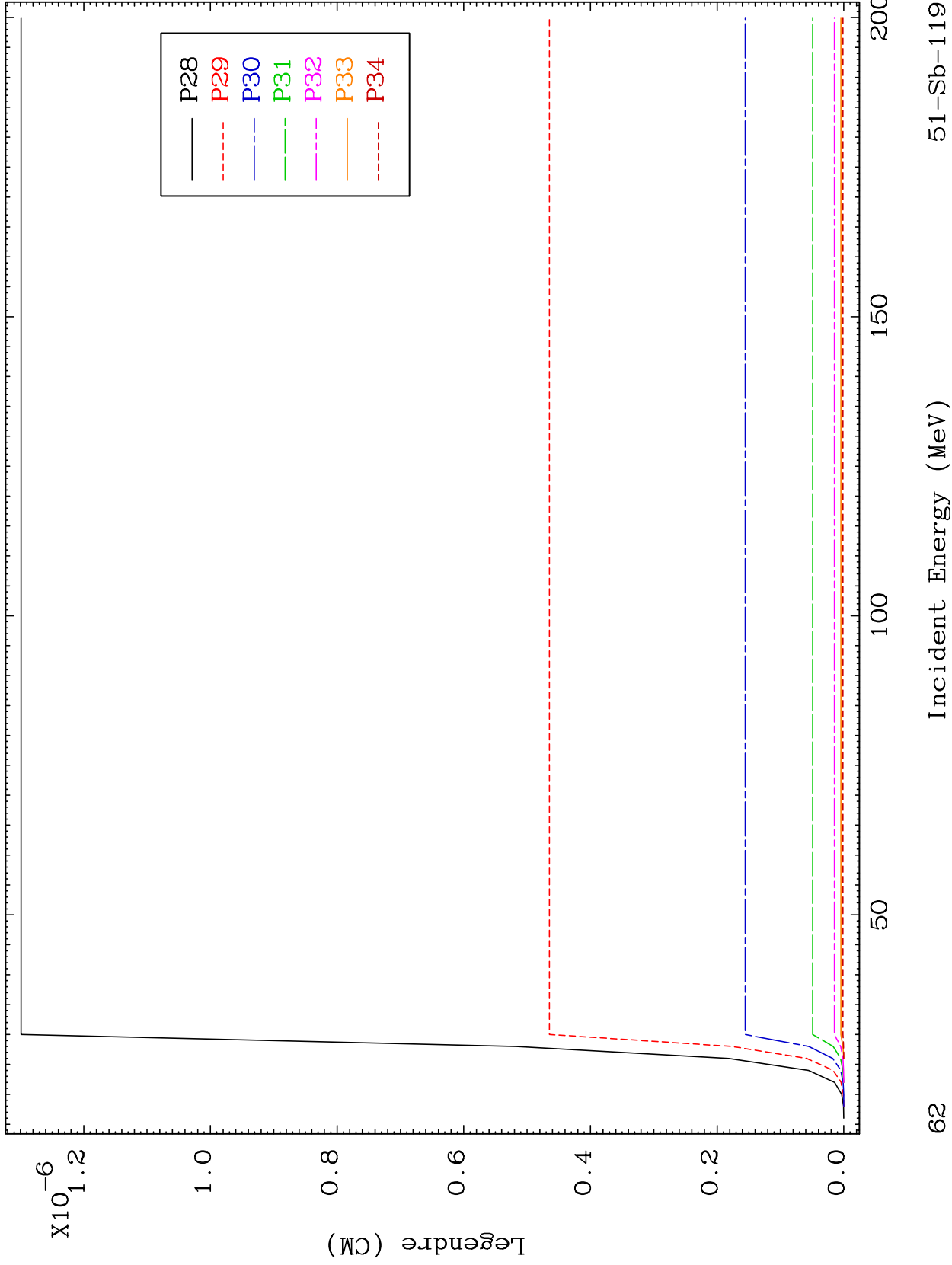
51-Sb-119



MAT 5119

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

51-Sb-119



62

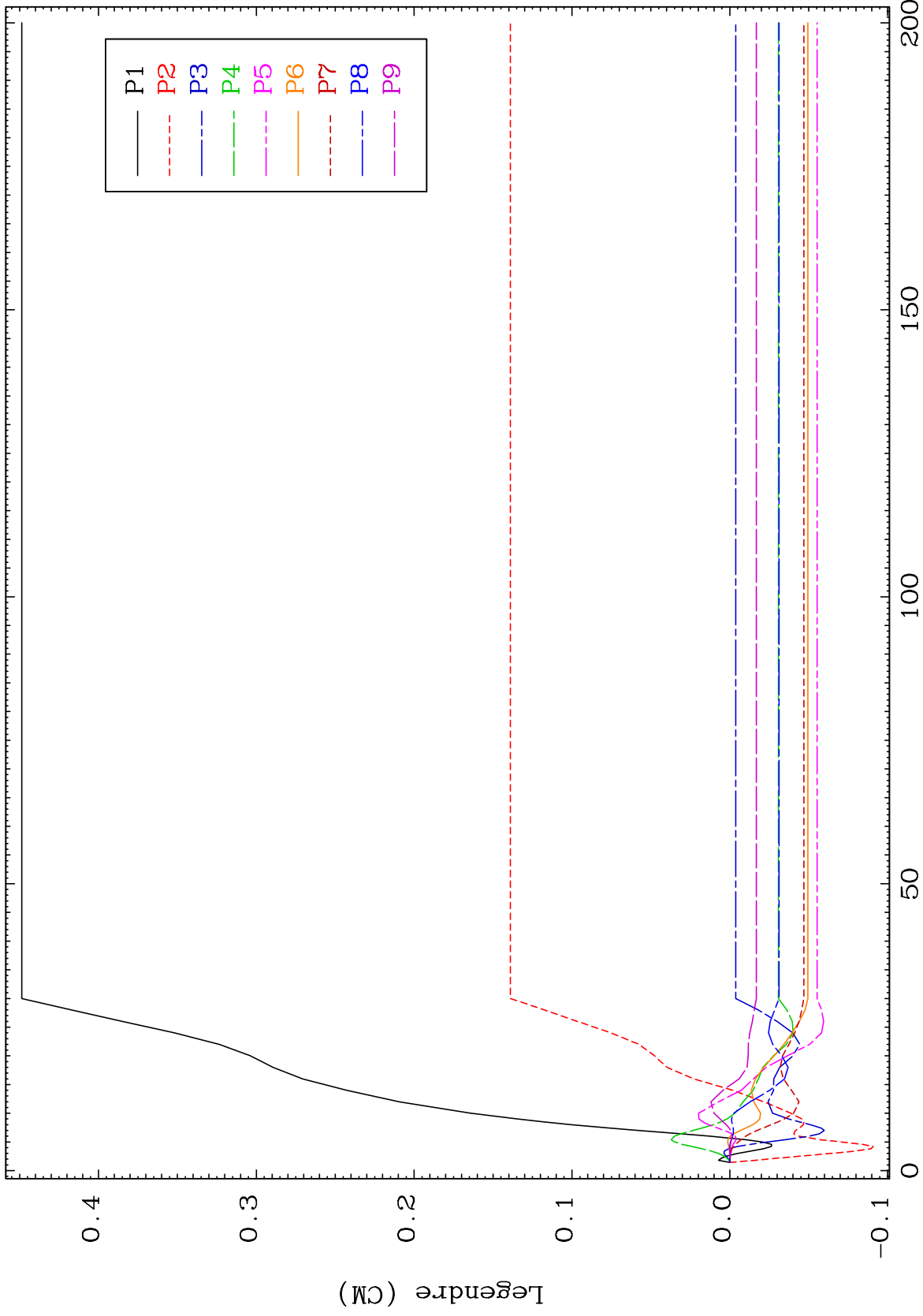
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119

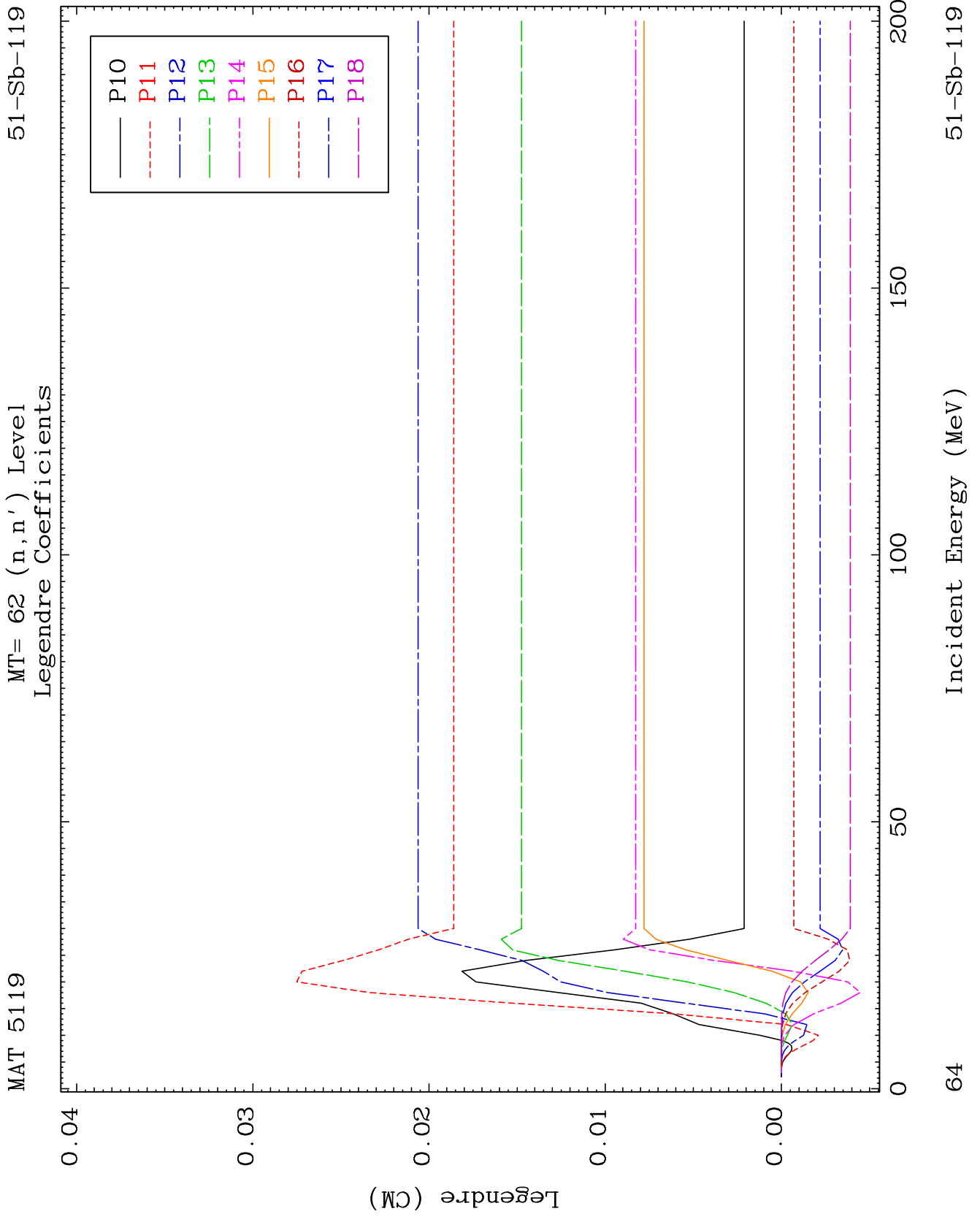


63

Incident Energy (MeV)

51-Sb-119

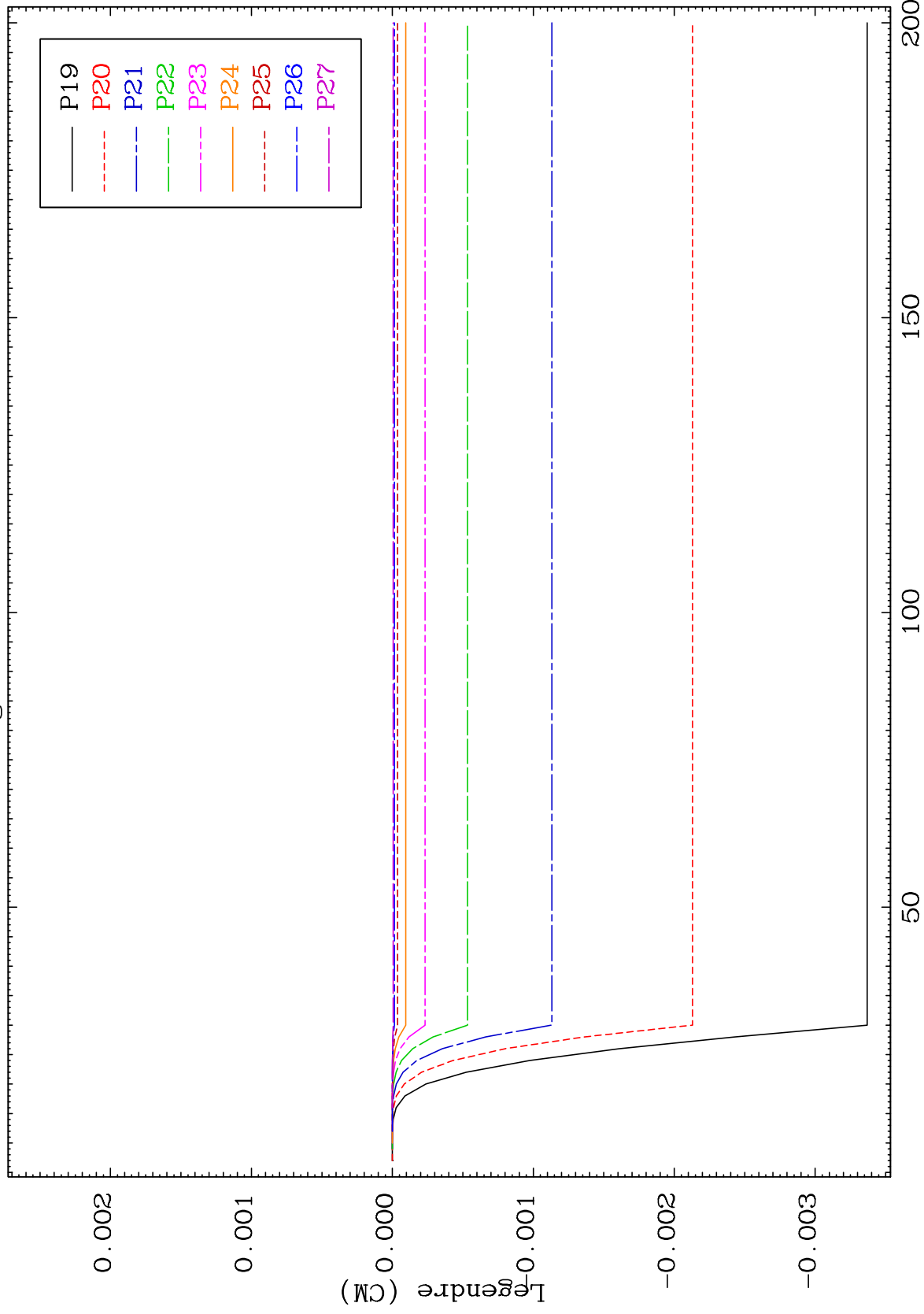




MAT 5119

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

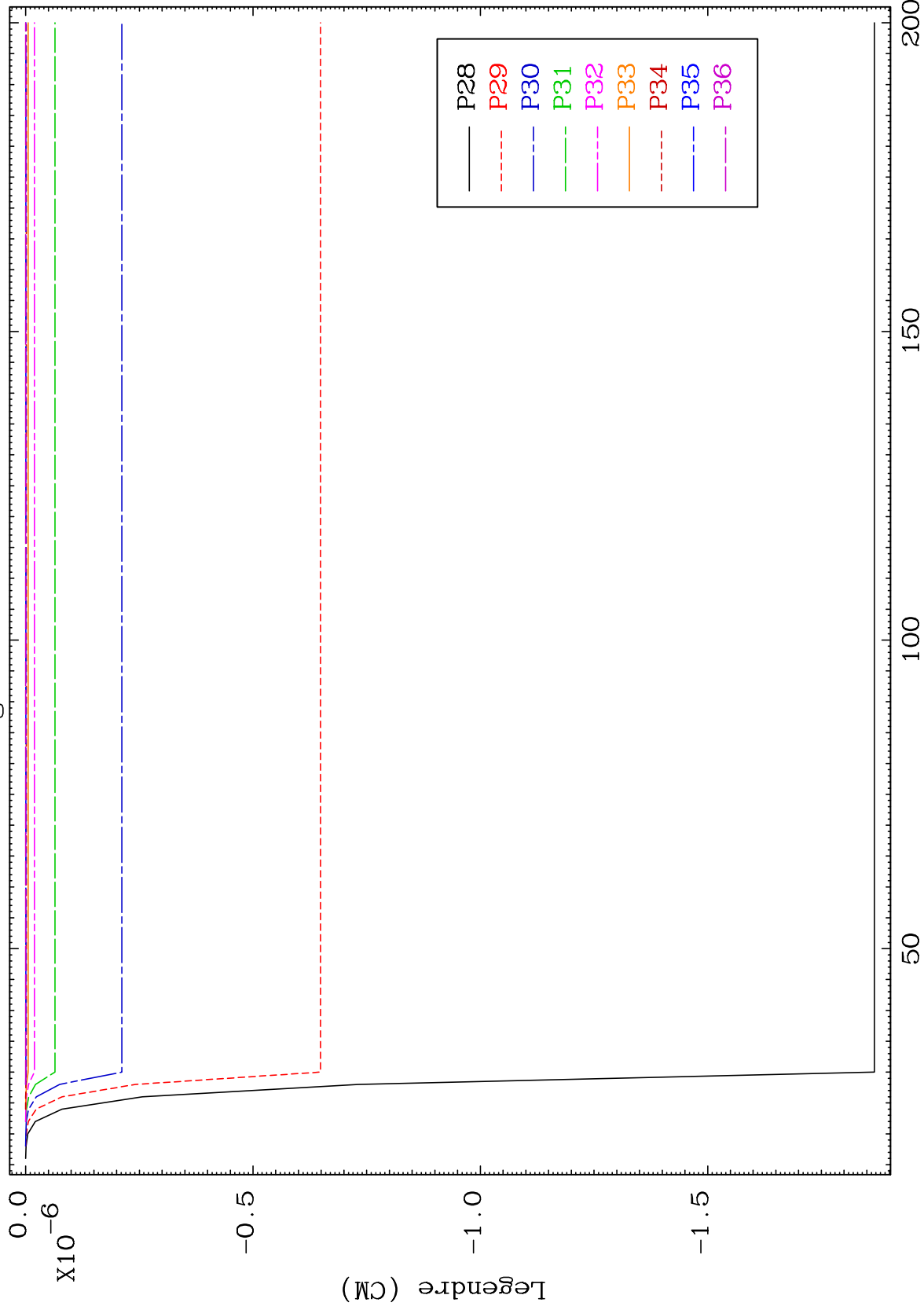
51-Sb-119



65

Incident Energy (MeV)

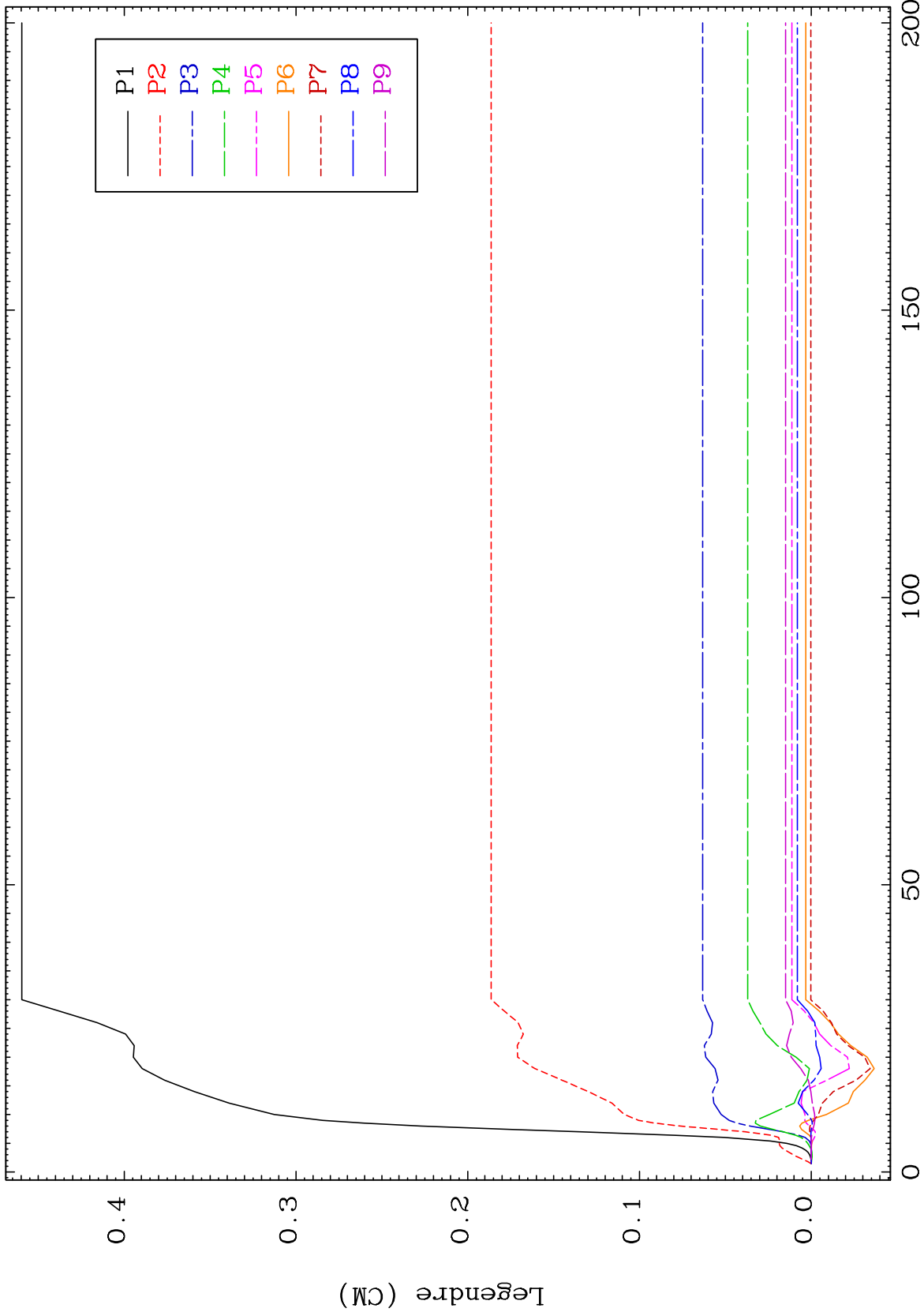
51-Sb-119



MAT 5119

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

51-Sb-119



67

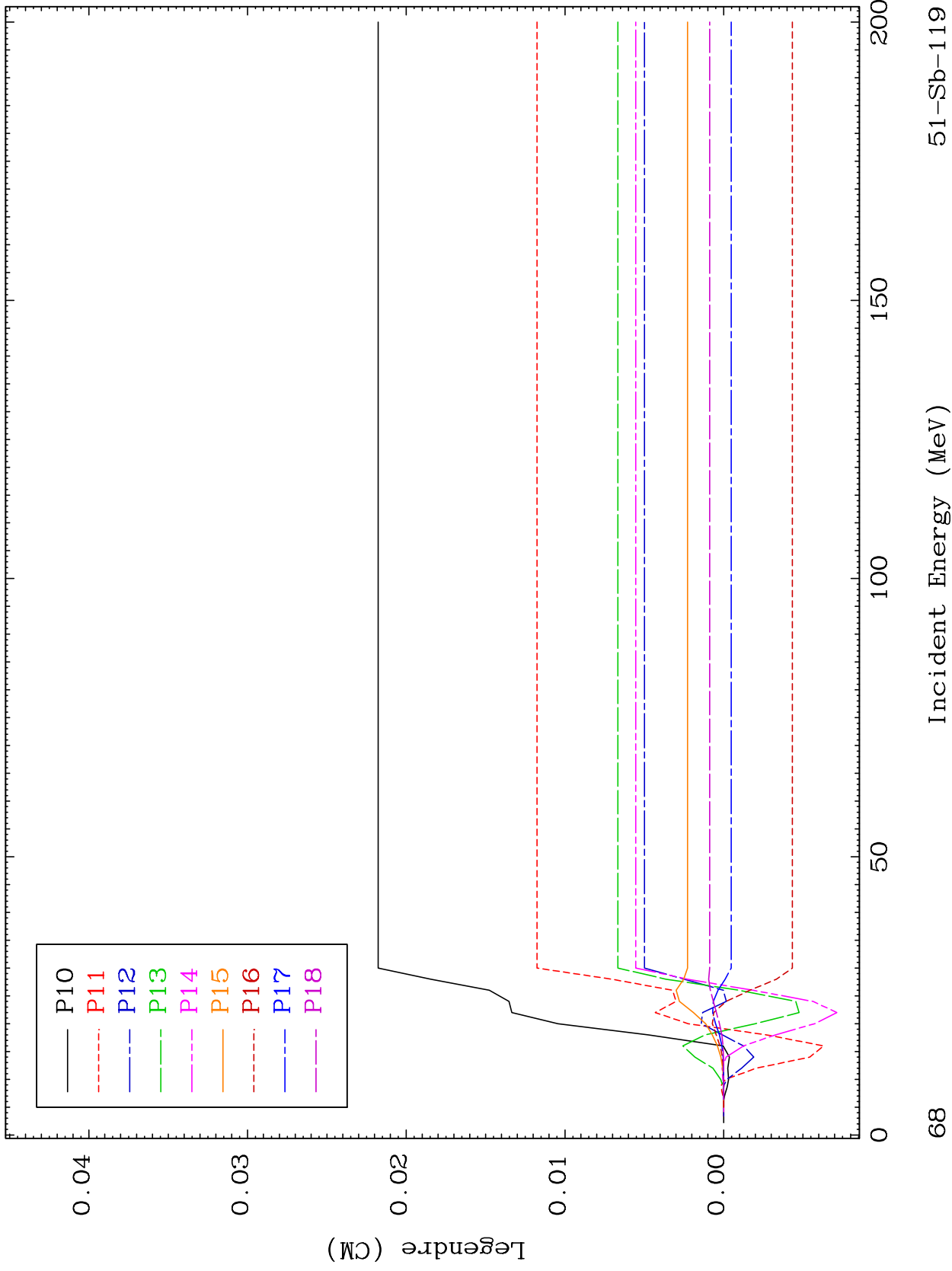
Incident Energy (MeV)

51-Sb-119

MAT 51119

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

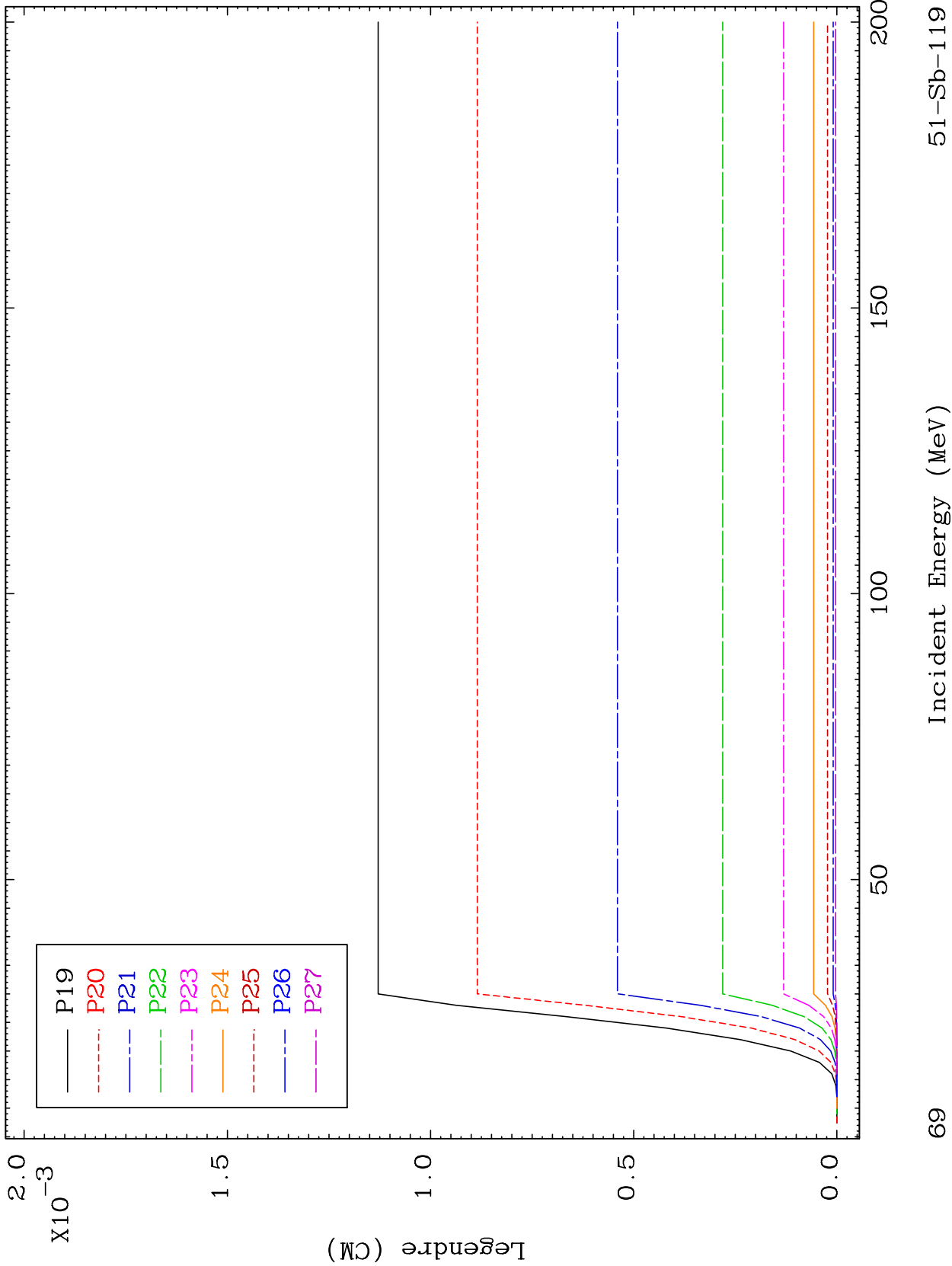
51-Sb-119



68

Incident Energy (MeV)

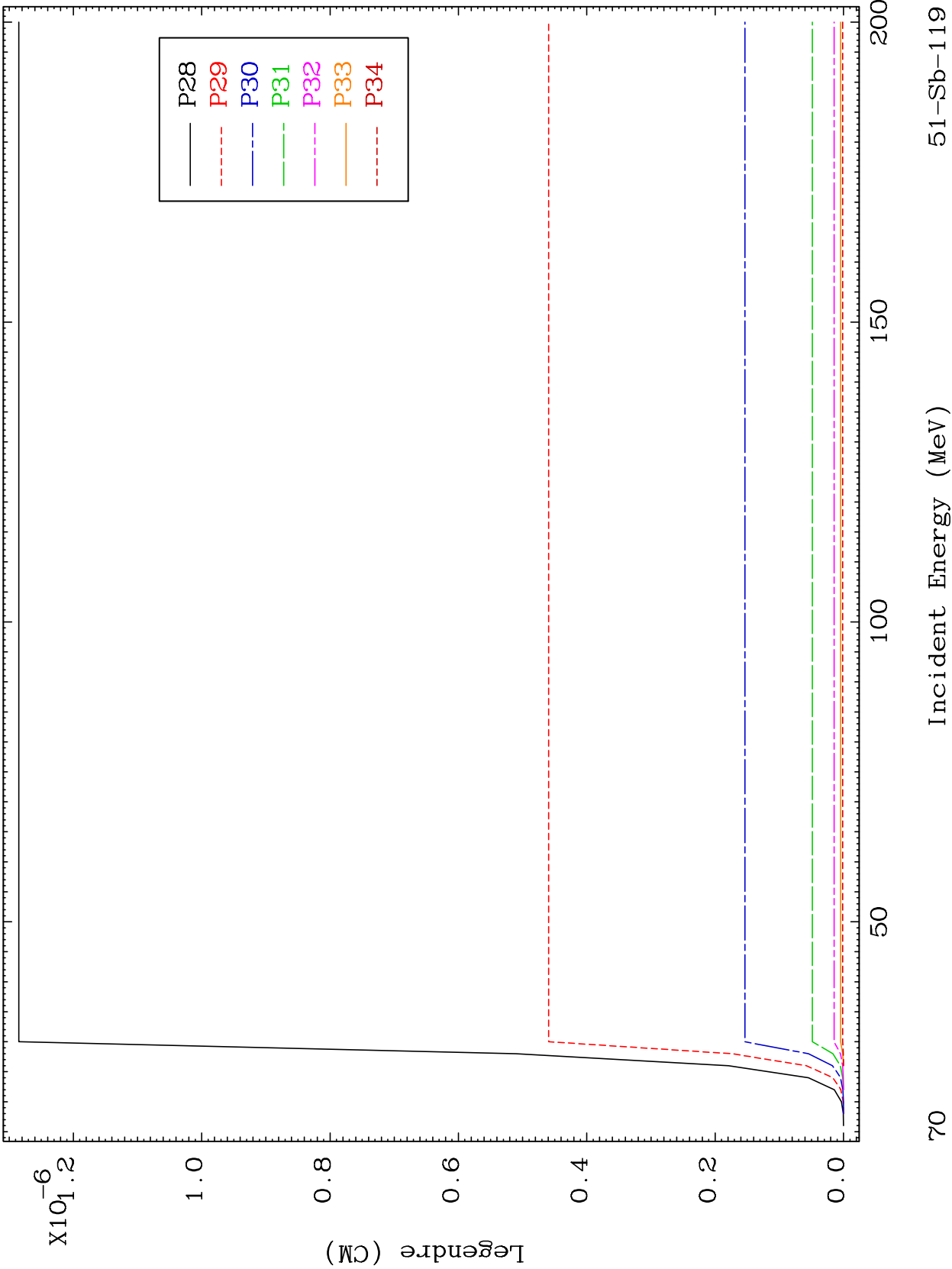
51-Sb-119



MAT 5119

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

51-Sb-119



51-Sb-119

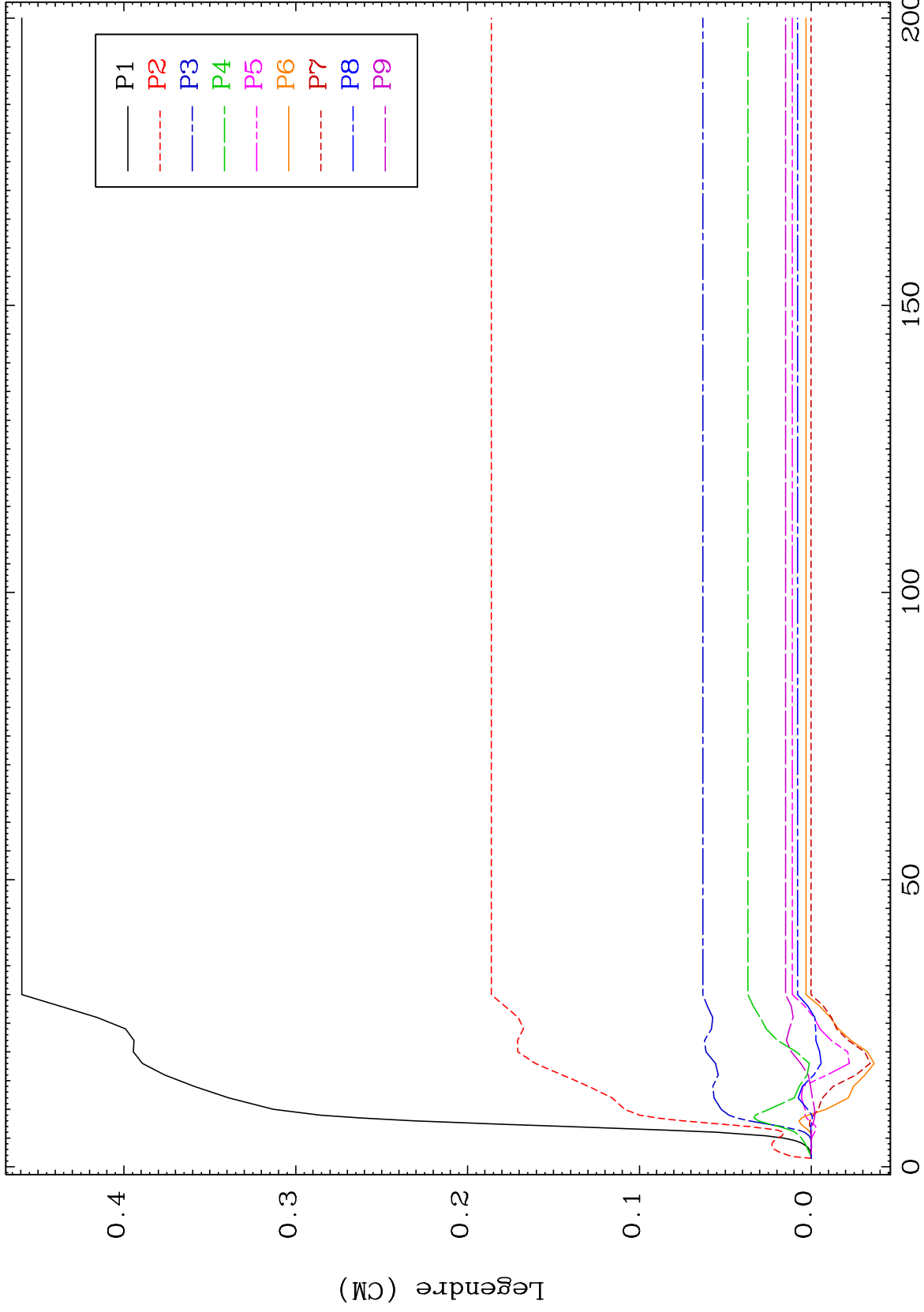
Incident Energy (MeV)

70

MAT 5119

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

51-Sb-119



71

Incident Energy (MeV)

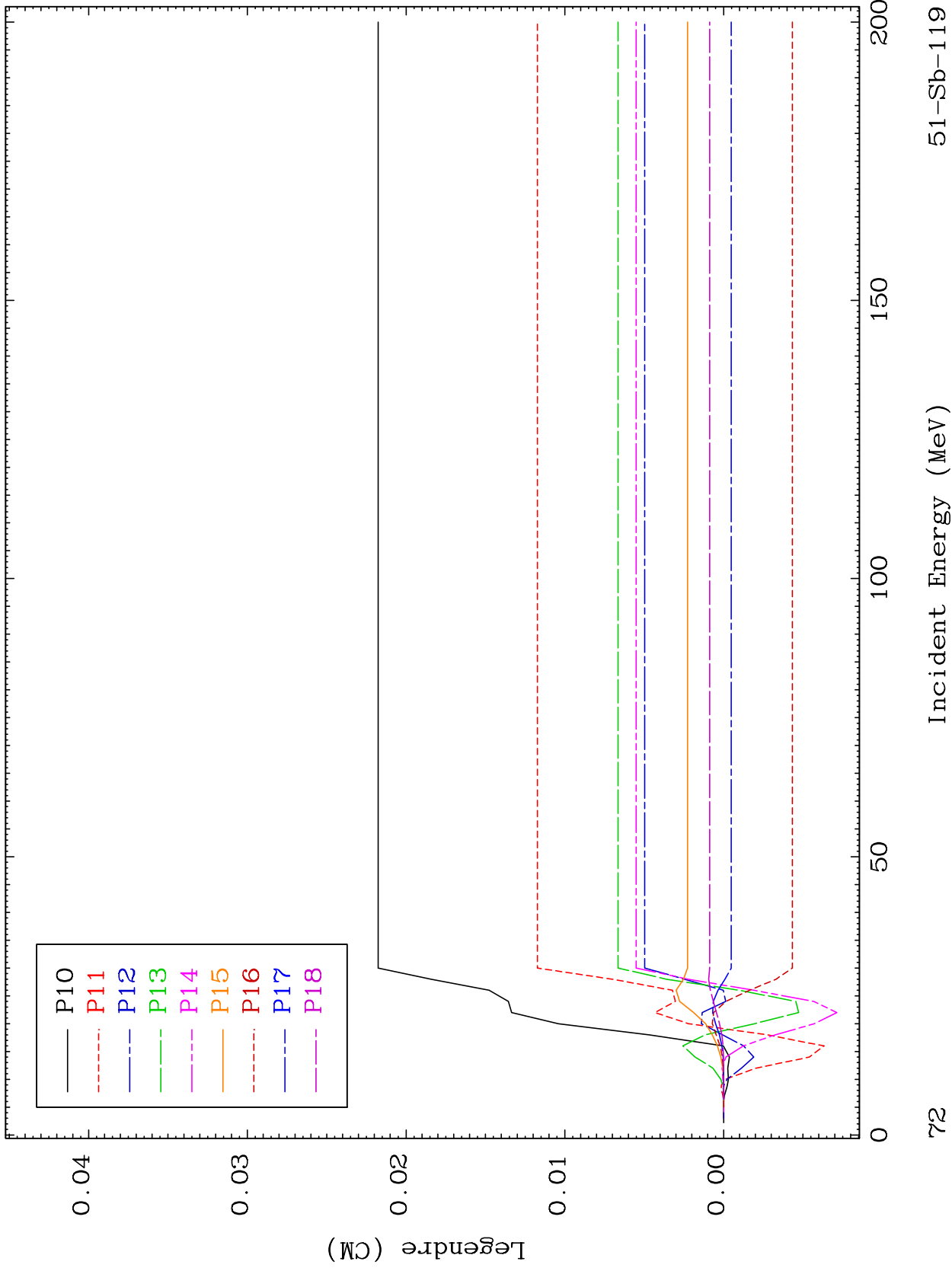
51-Sb-119



MAT 51119

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

51-Sb-119



72

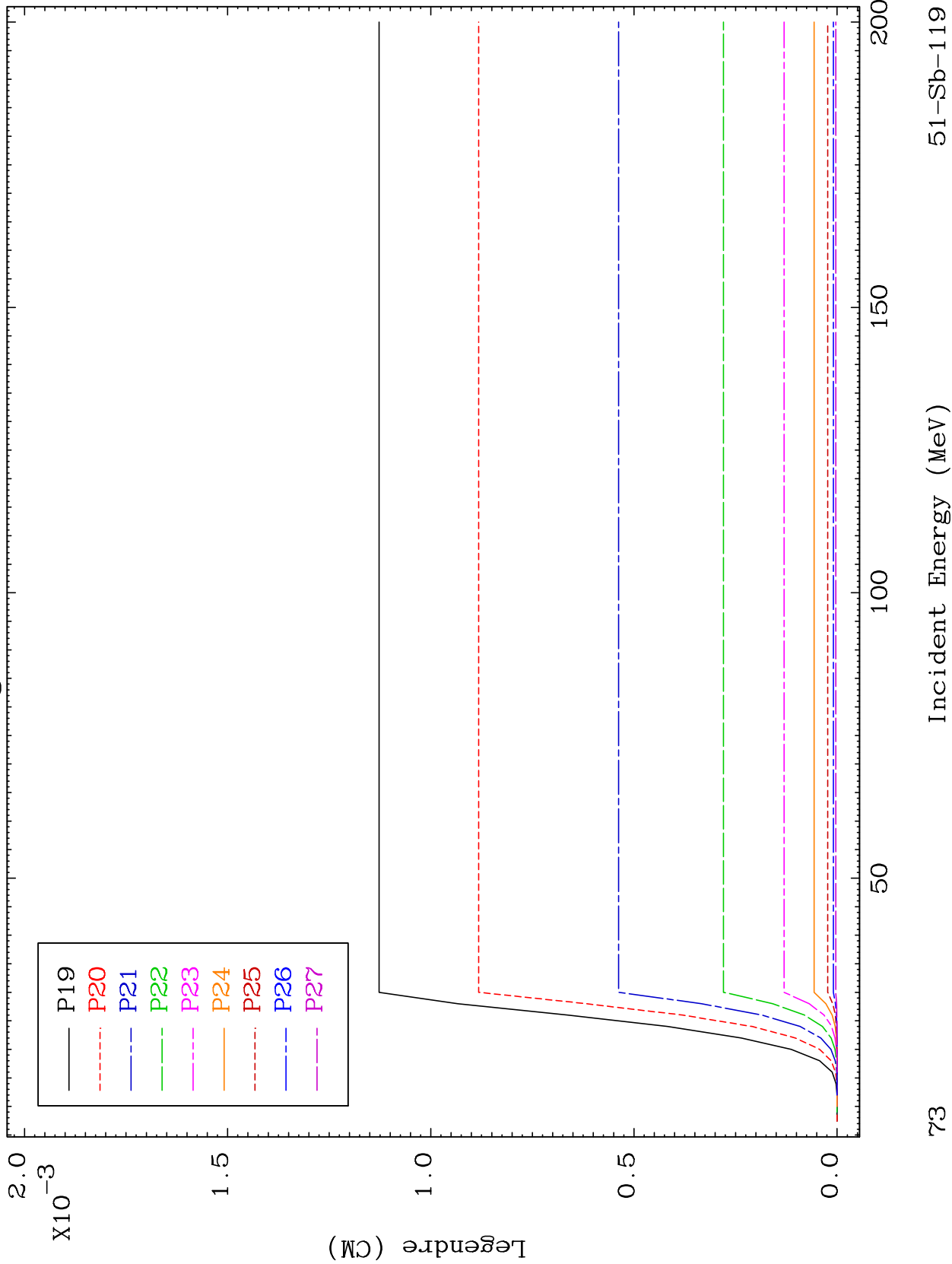
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



73

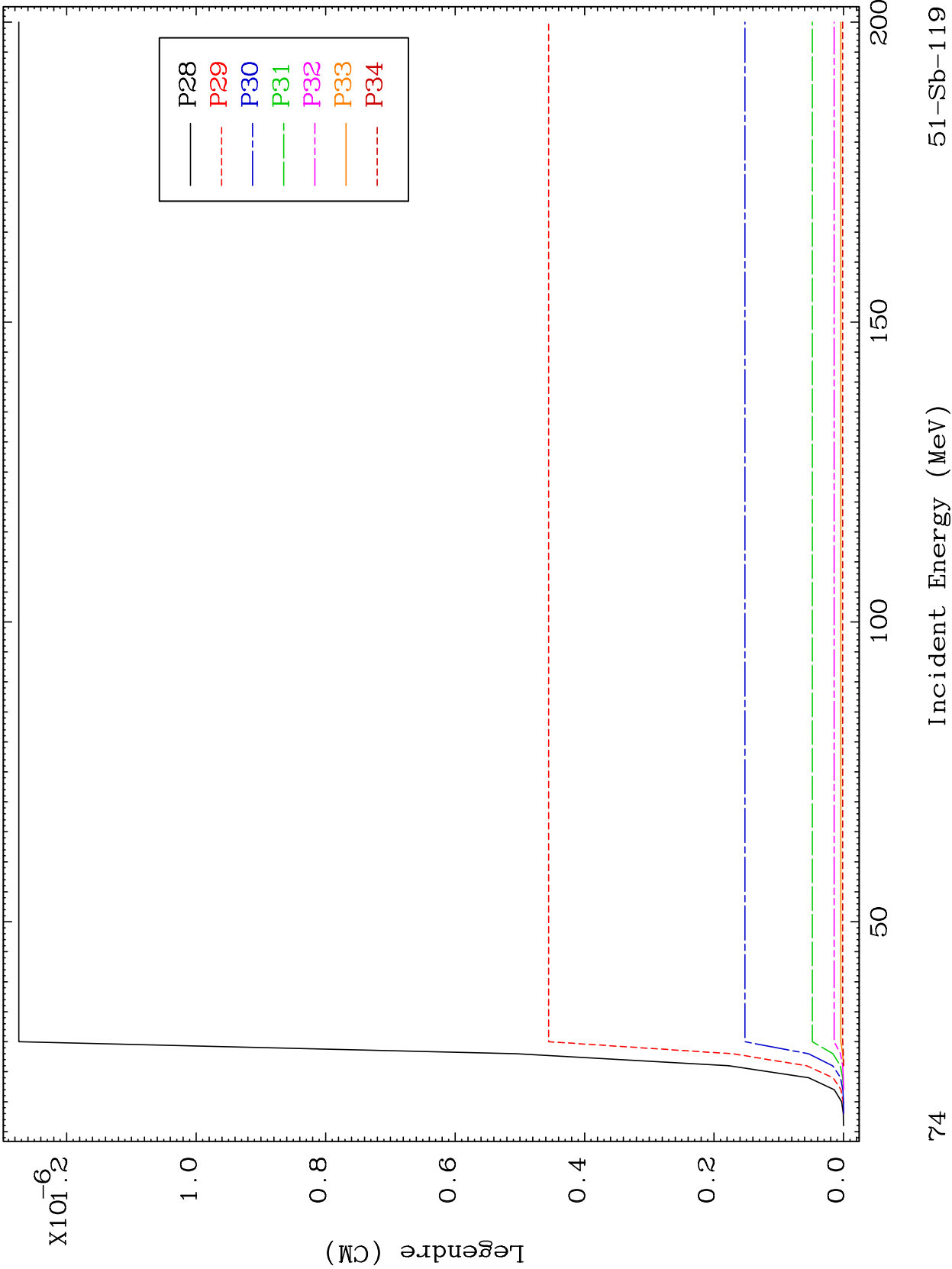
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



74

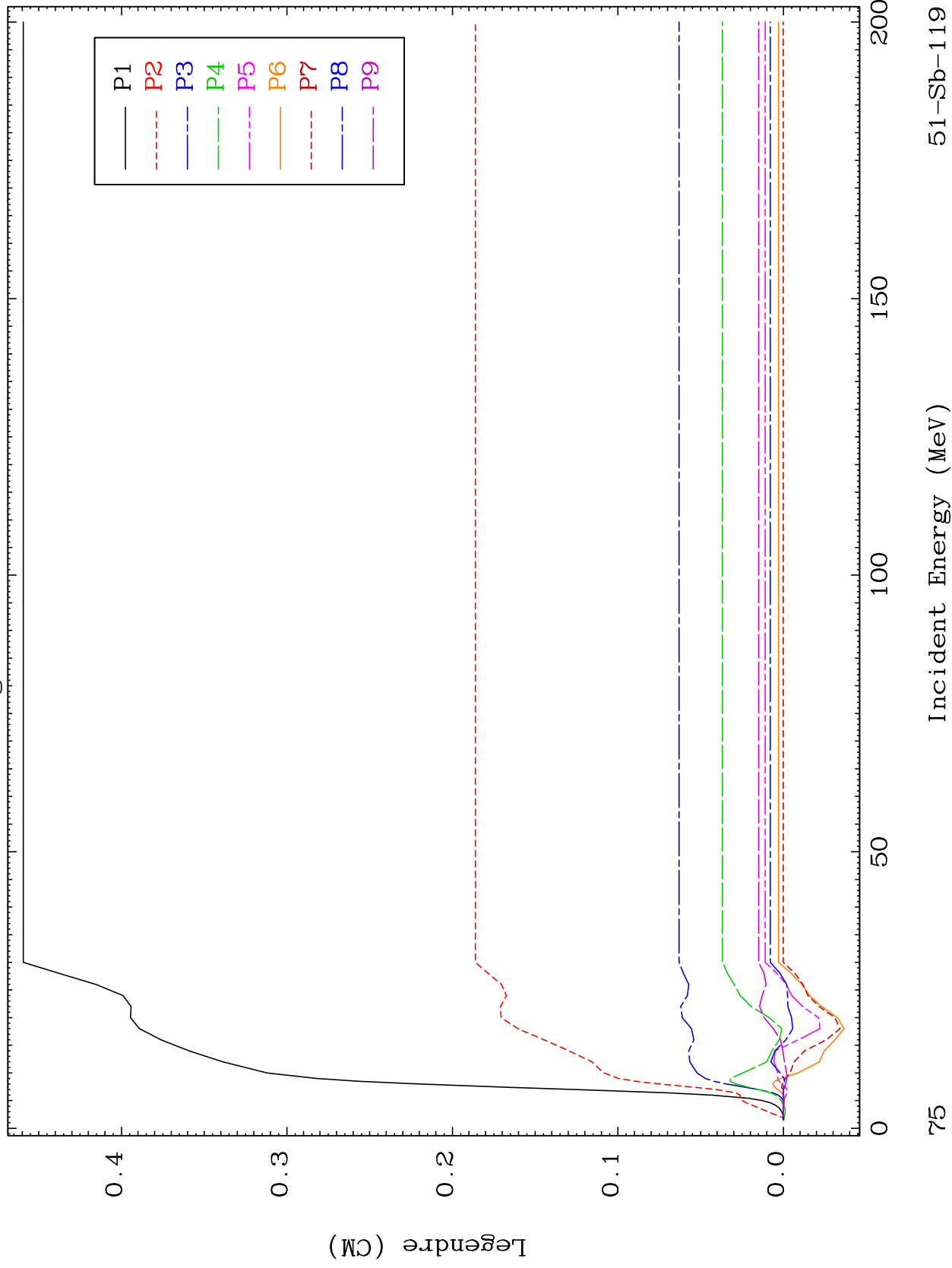
Incident Energy (MeV)

51-Sb-119

MAT 5119

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

51-Sb-119



51-Sb-119

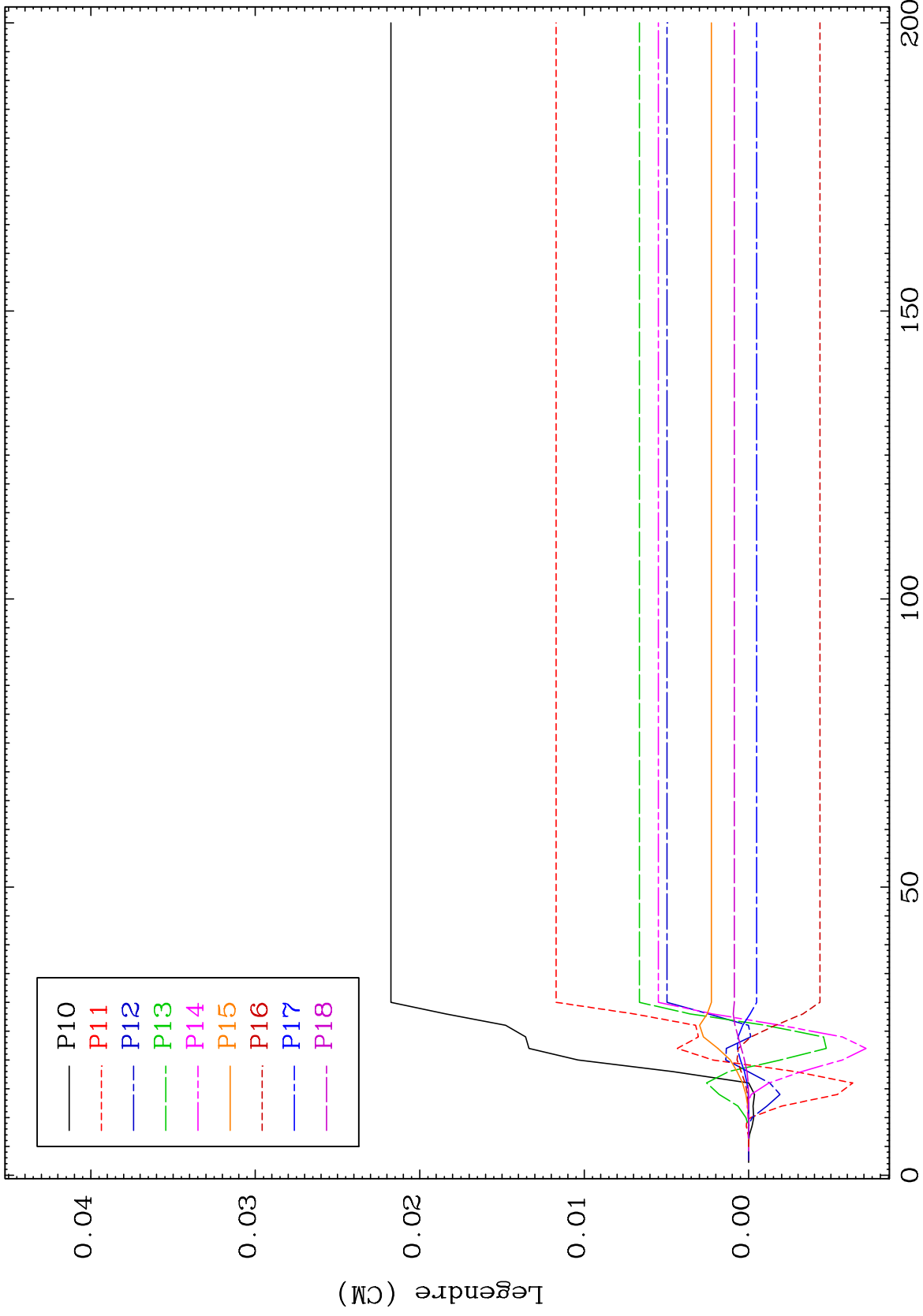
Incident Energy (MeV)

75

MAT 5119

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

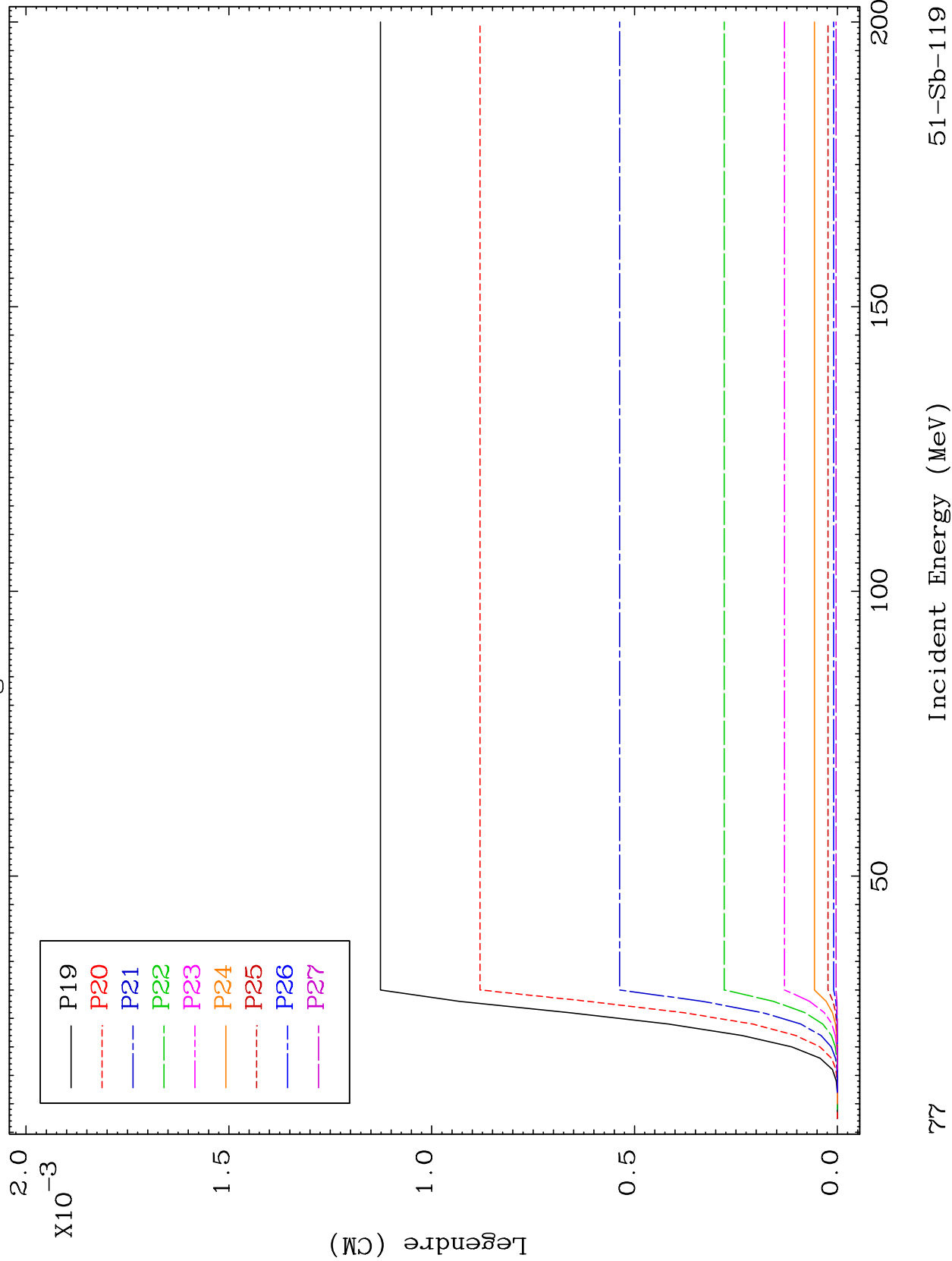
51-Sb-119



76

Incident Energy (MeV)

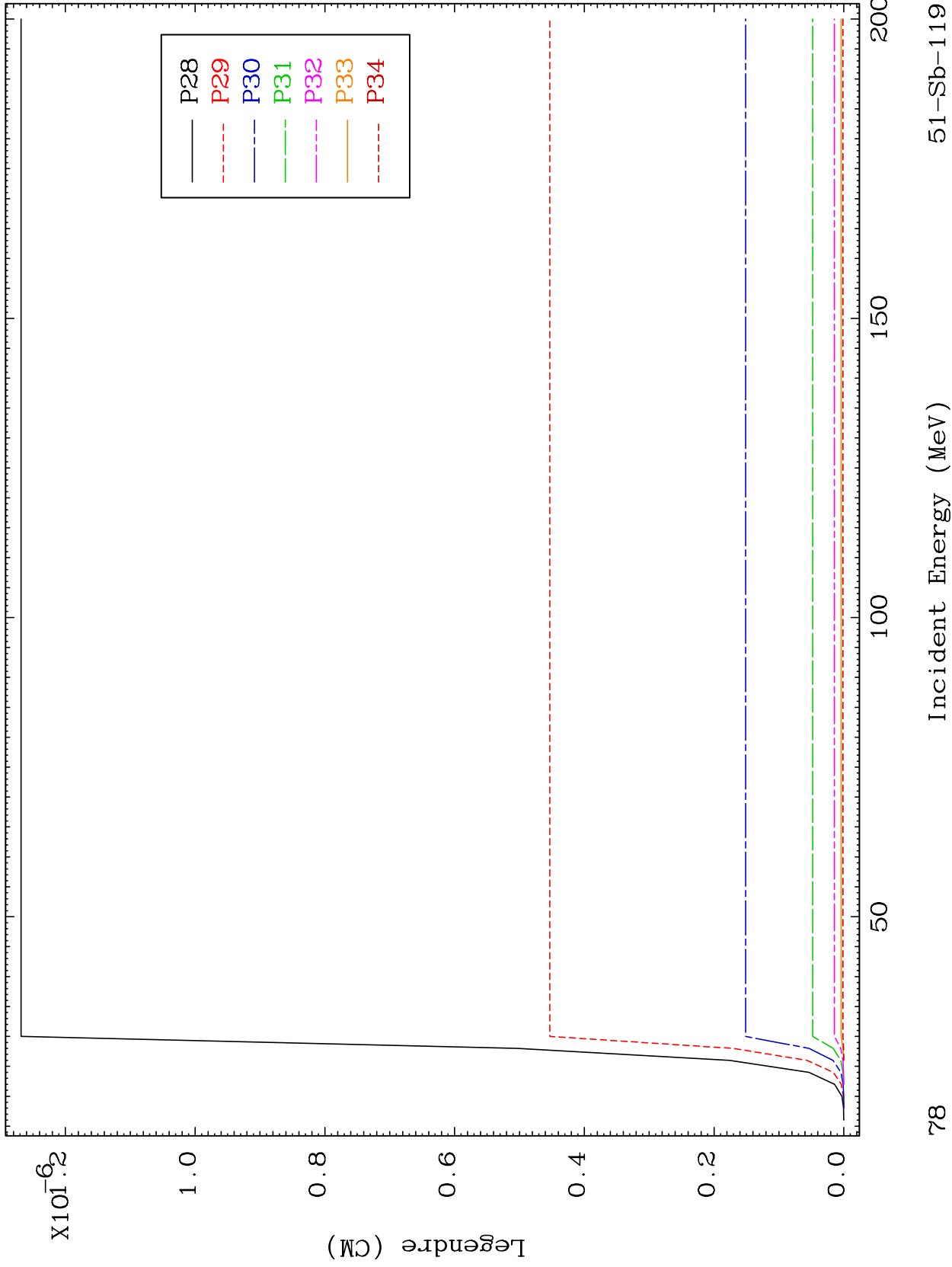
51-Sb-119



MAT 5119

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

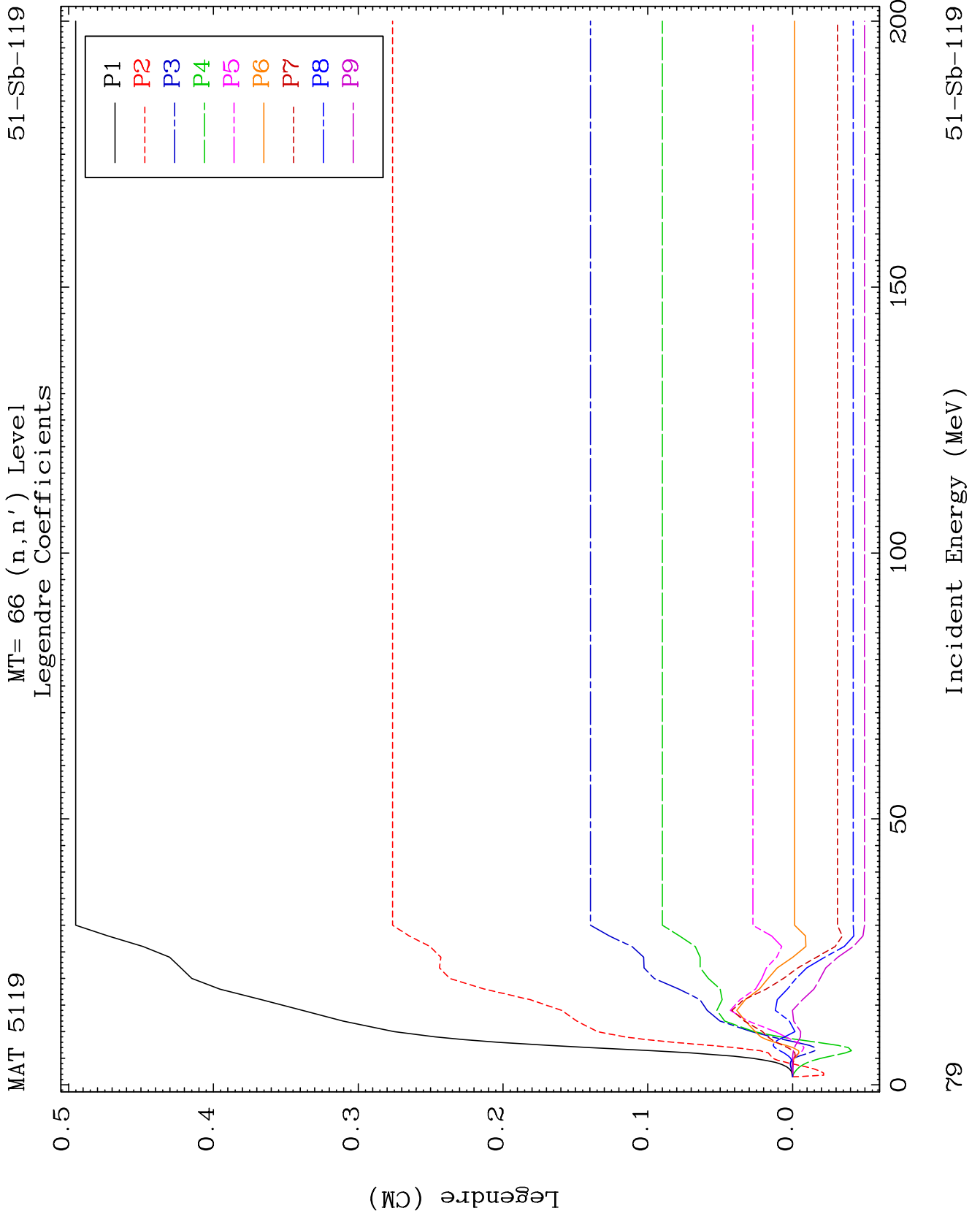
51-Sb-119



78

Incident Energy (MeV)

51-Sb-119

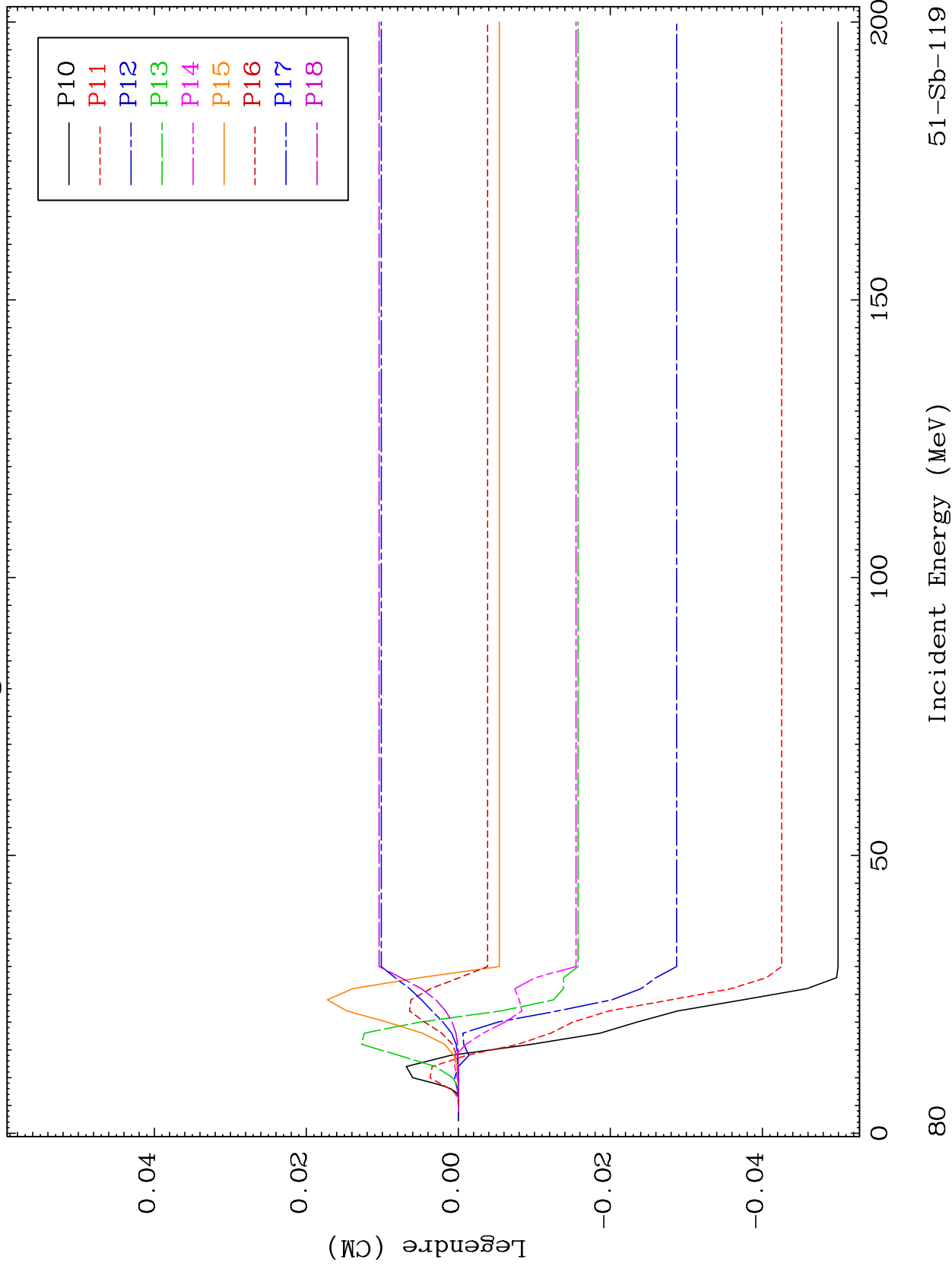




MAT 5119

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

51-Sb-119

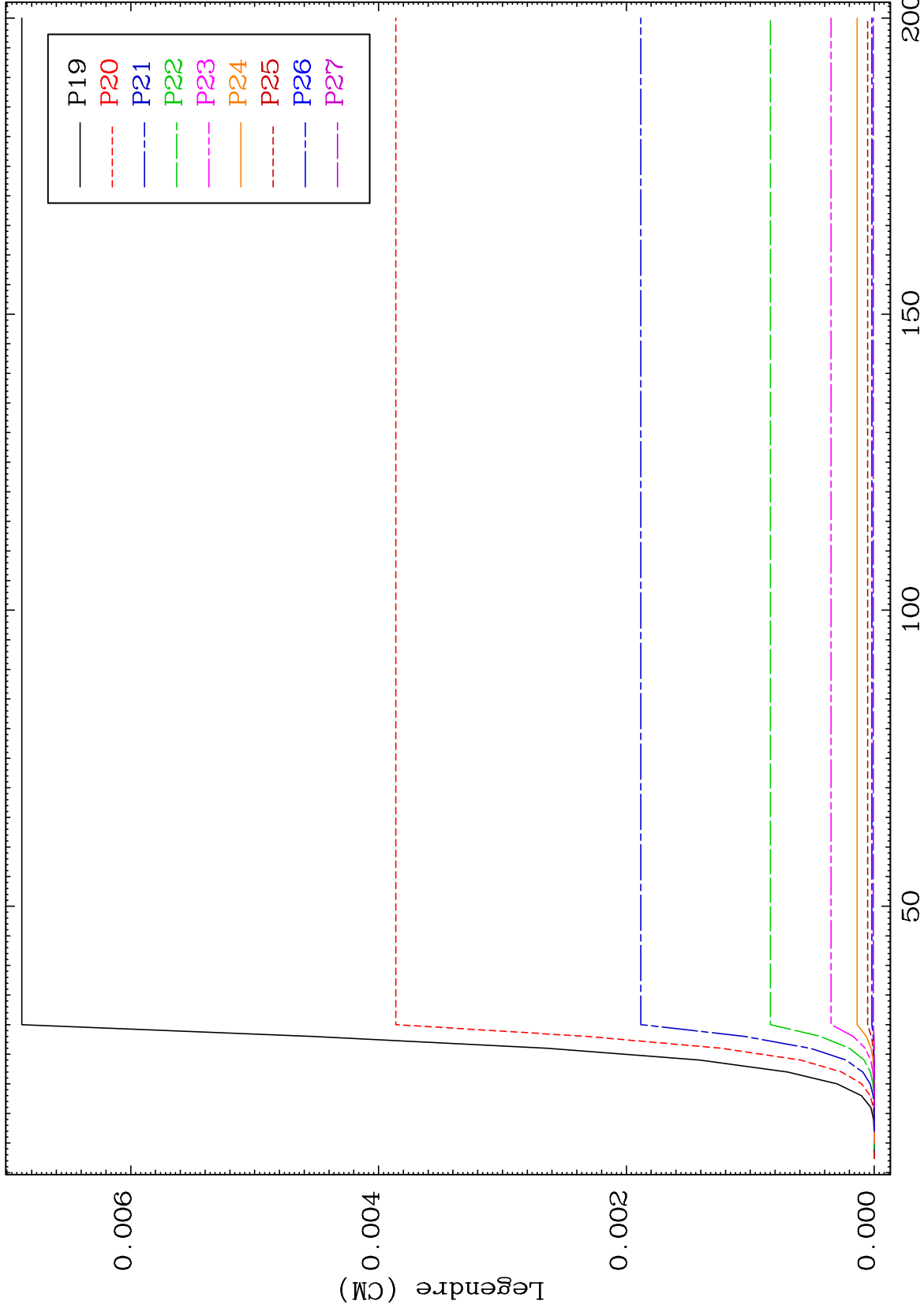


51-Sb-119

MAT 5119

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

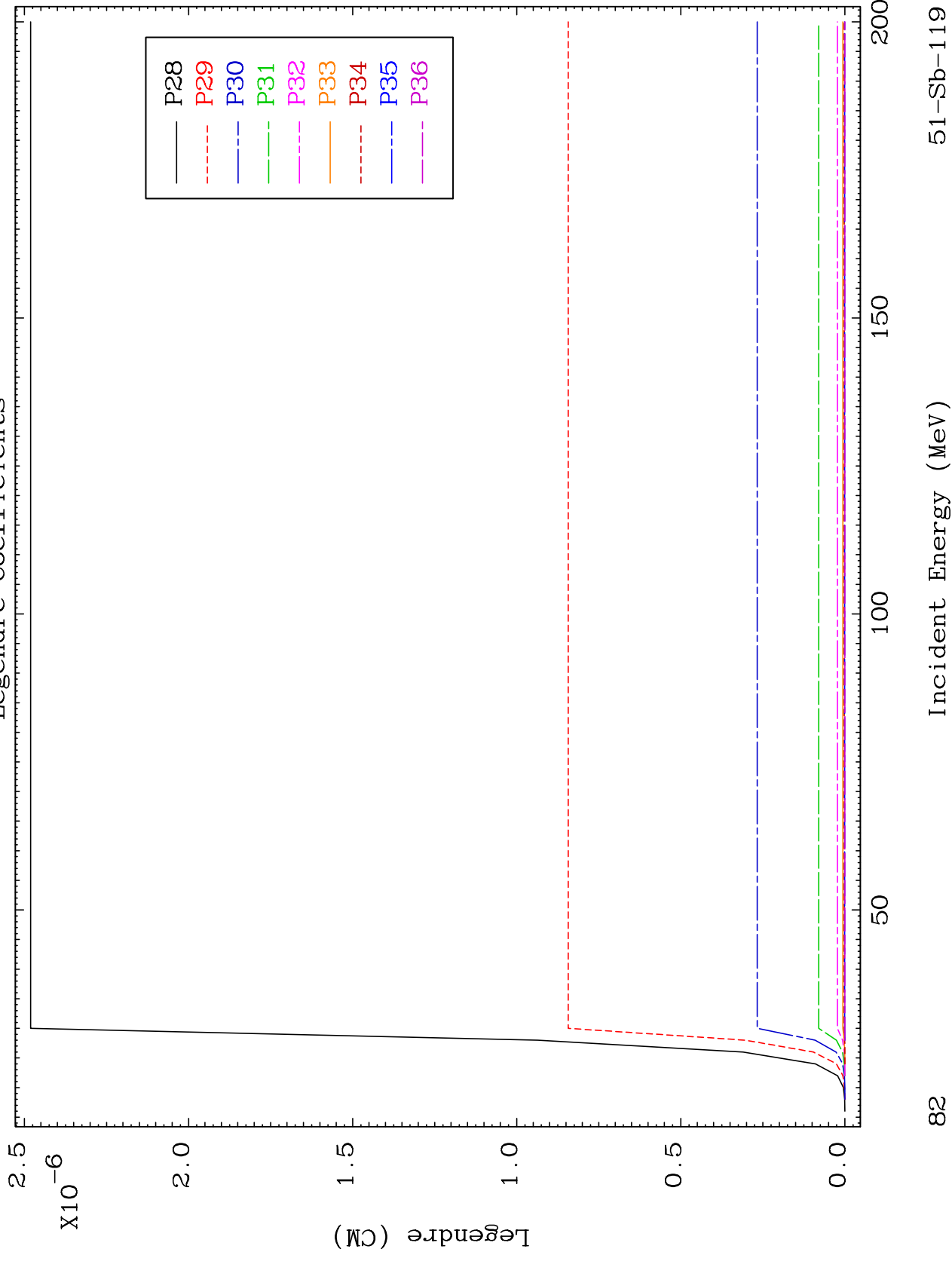
51-Sb-119



81

Incident Energy (MeV)

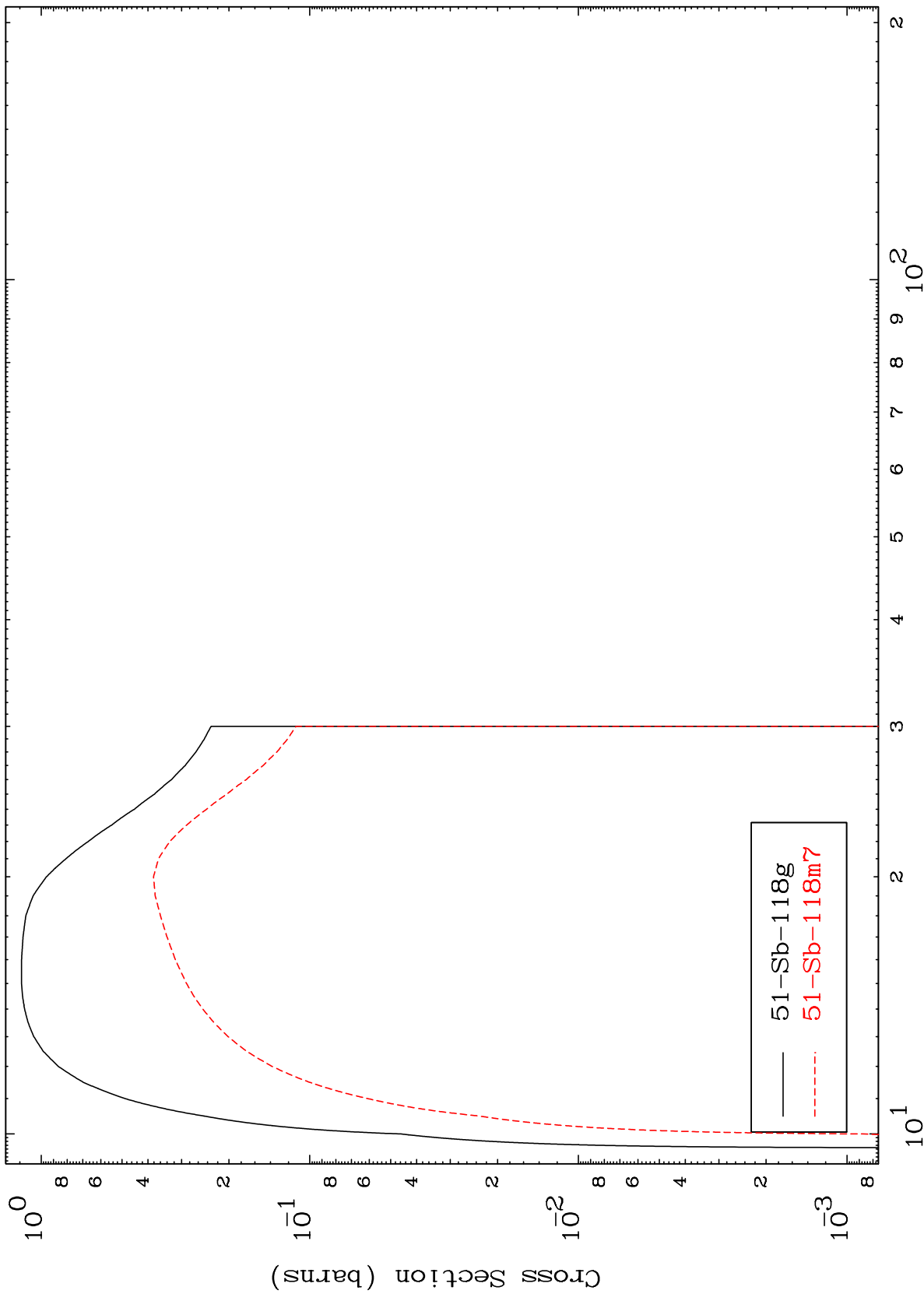
51-Sb-119



MAT 5119

51-Sb-119

(n,2n)  
Radionuclide Production Cross Section



51-Sb-119

Incident Energy (MeV)

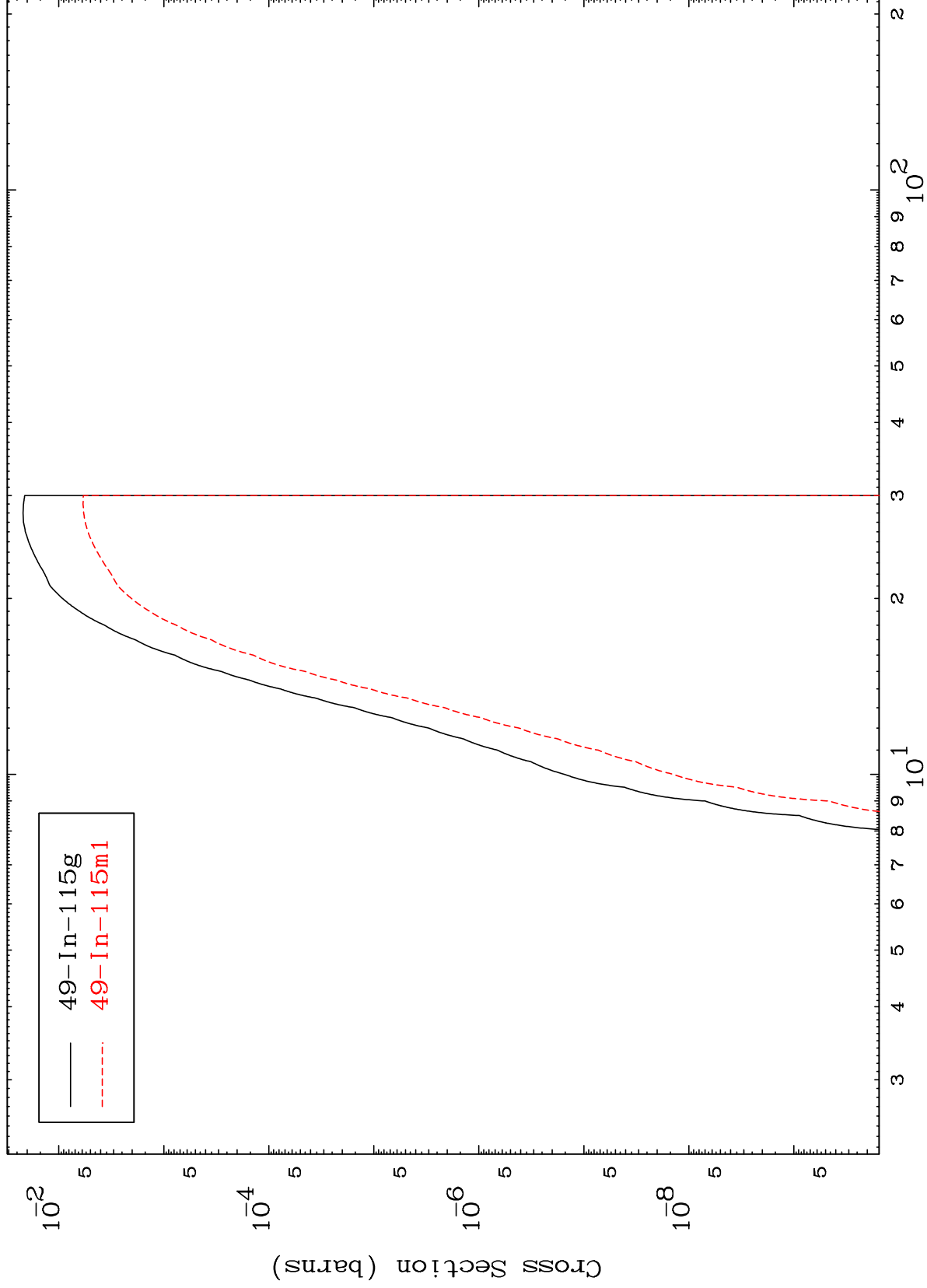
83

MAT 5119

51-Sb-119

(n,n')  $\alpha$

Radionuclide Production Cross Section



84

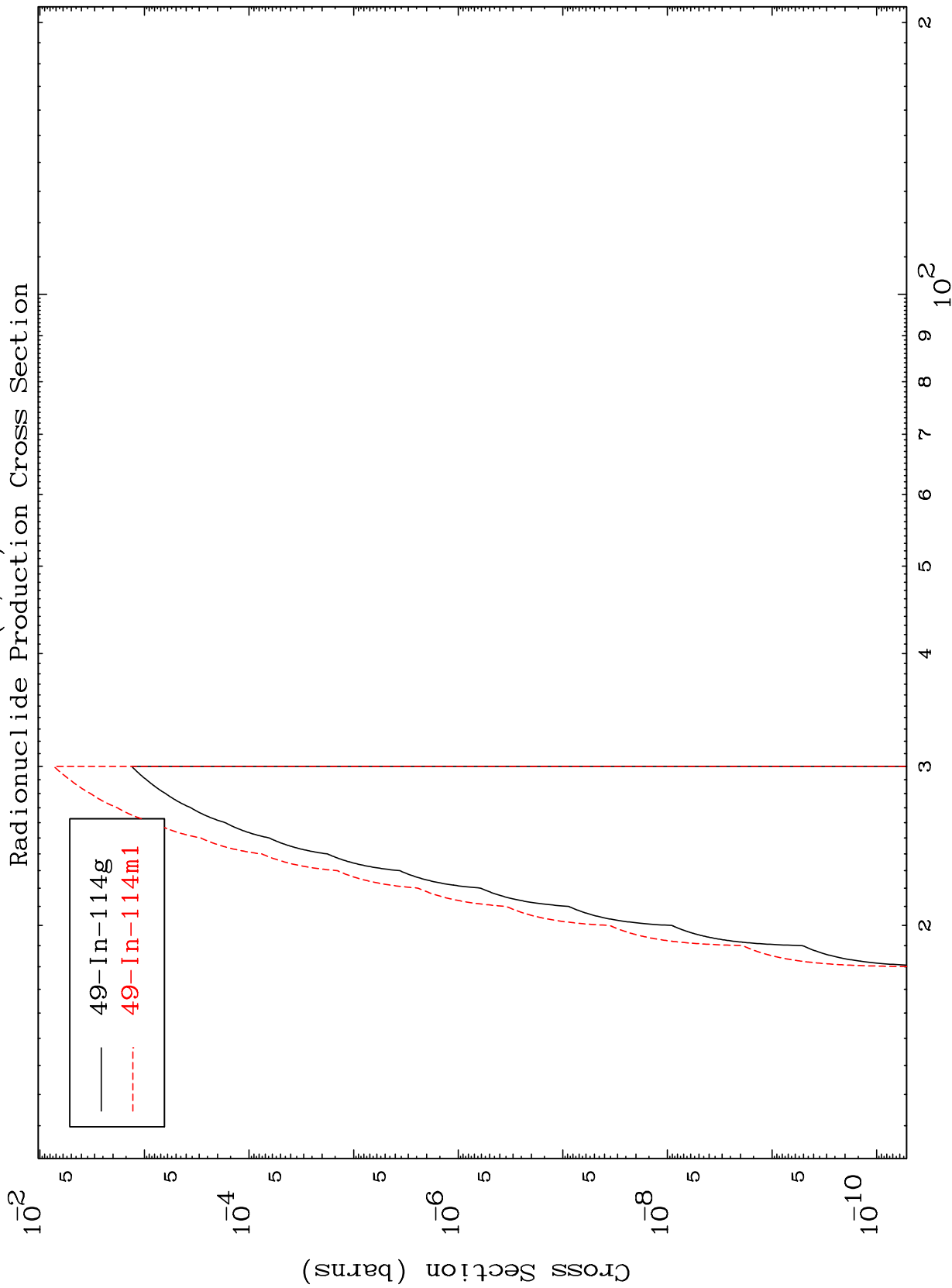
Incident Energy (MeV)

51-Sb-119

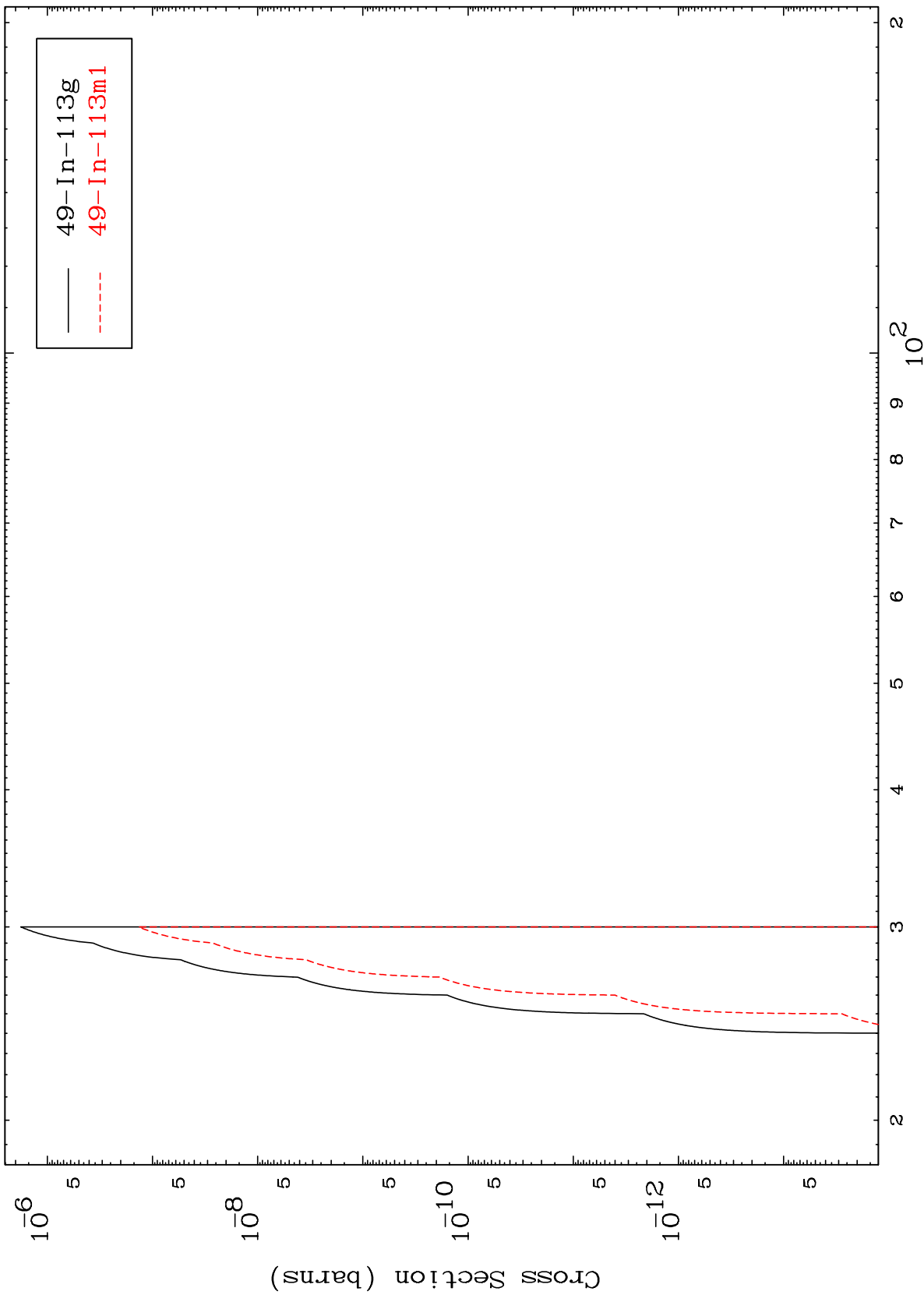
MAT 5119

(n,2n)  $\alpha$

51-Sb-119



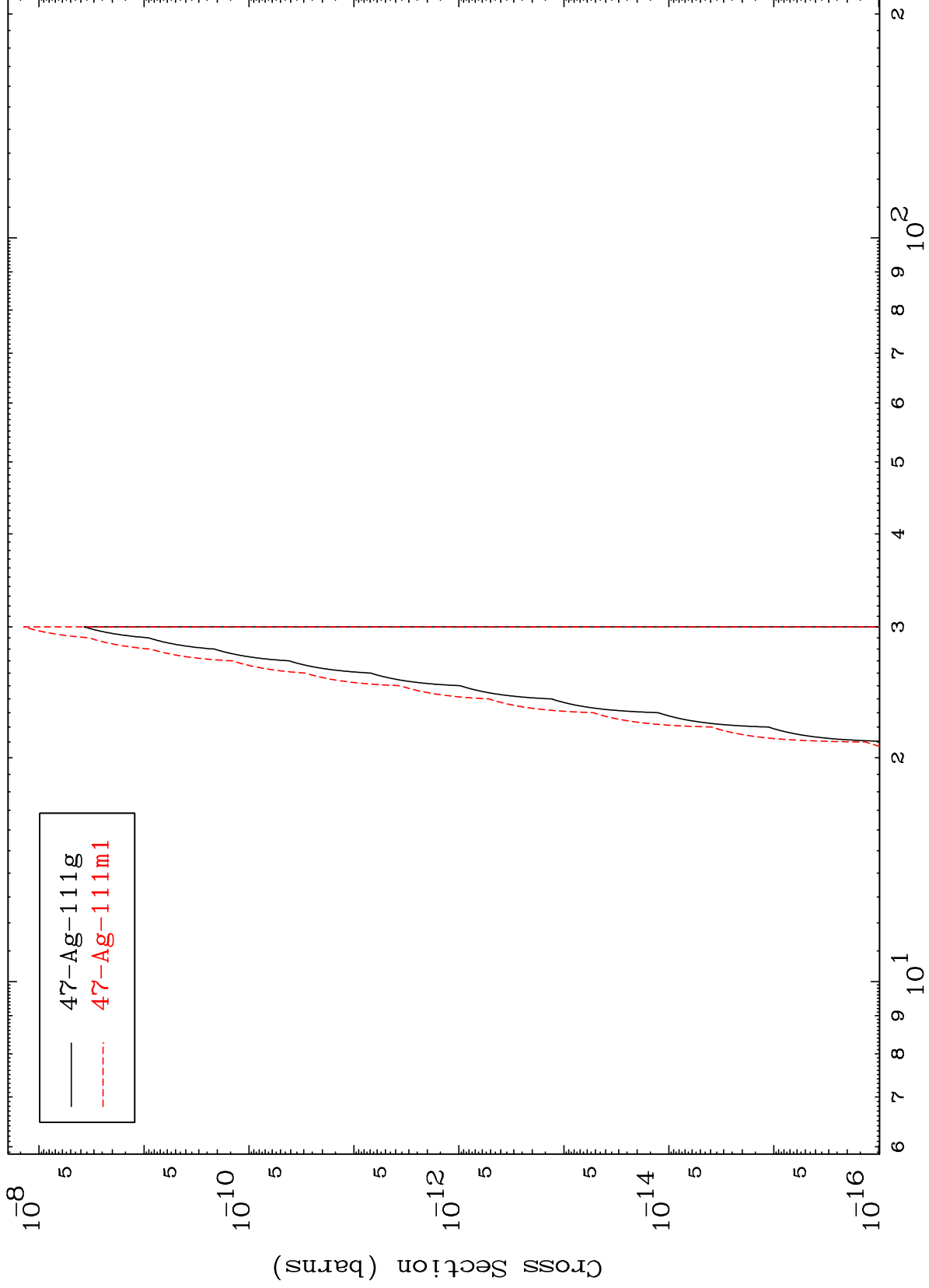
Radionuclide Production Cross Section



MAT 5119

51-Sb-119

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



87

Incident Energy (MeV)

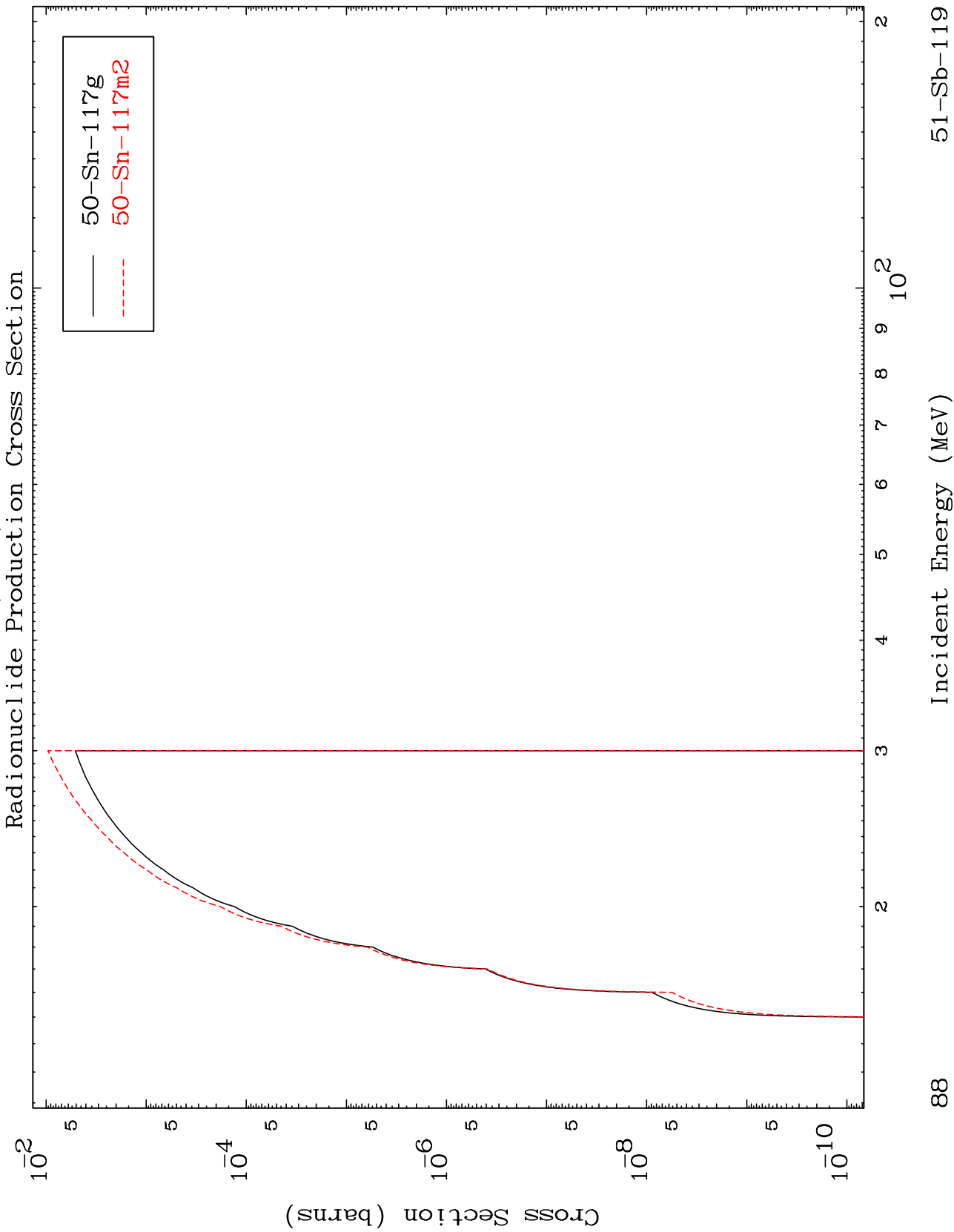
51-Sb-119



MAT 5119

(n,n') d

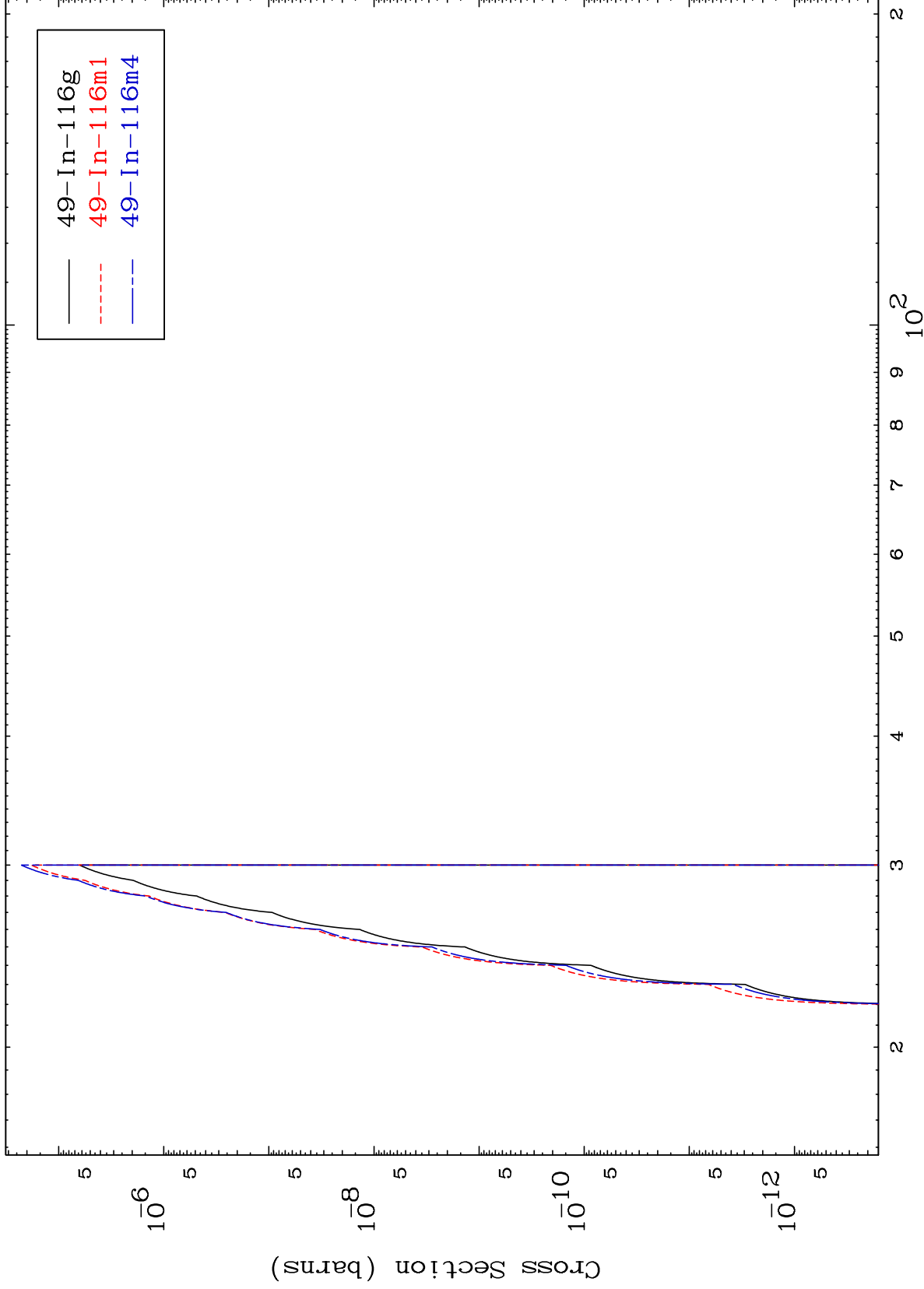
51-Sb-119

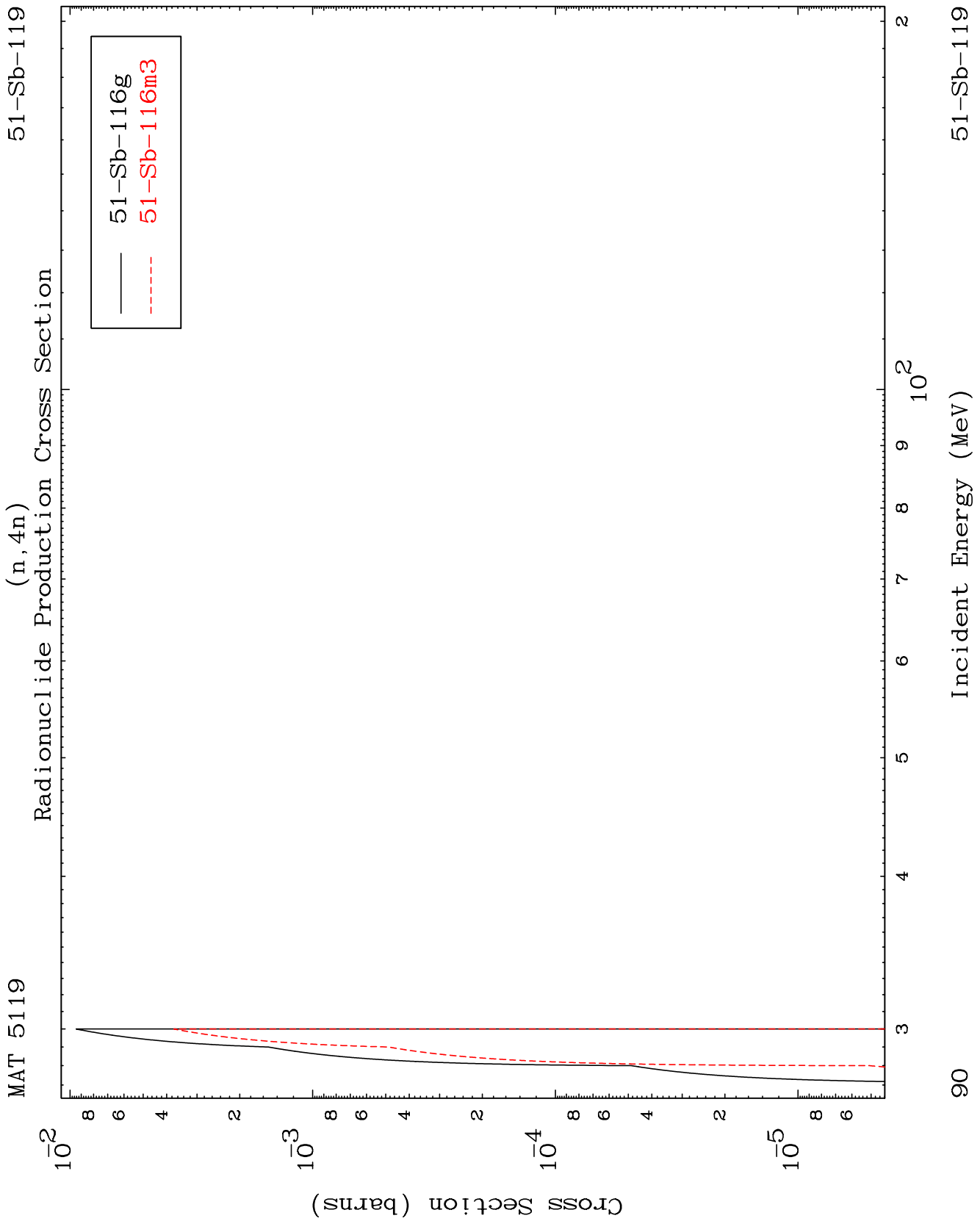


88

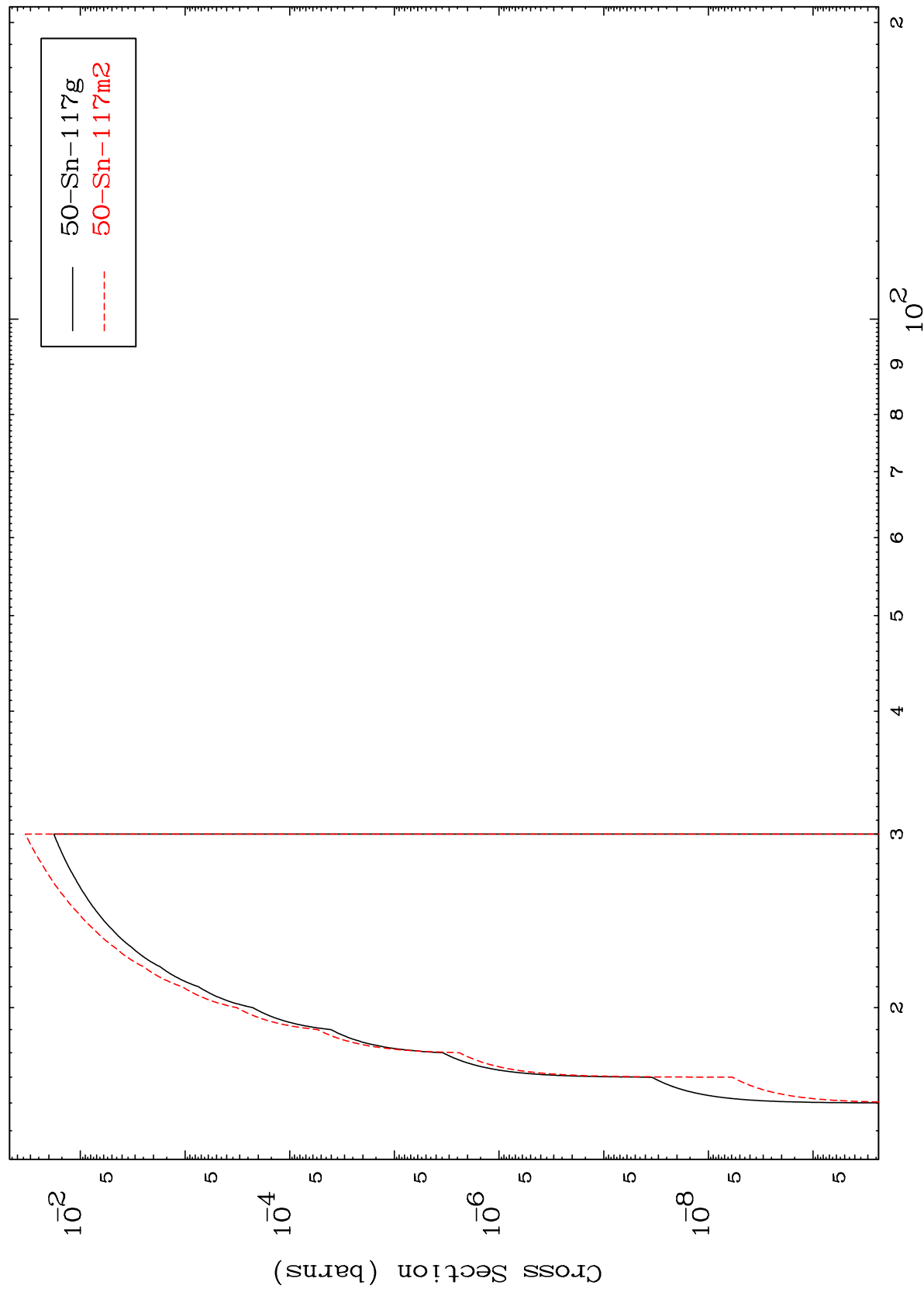
51-Sb-119

Radionuclide Production Cross Section





Radionuclide Production Cross Section

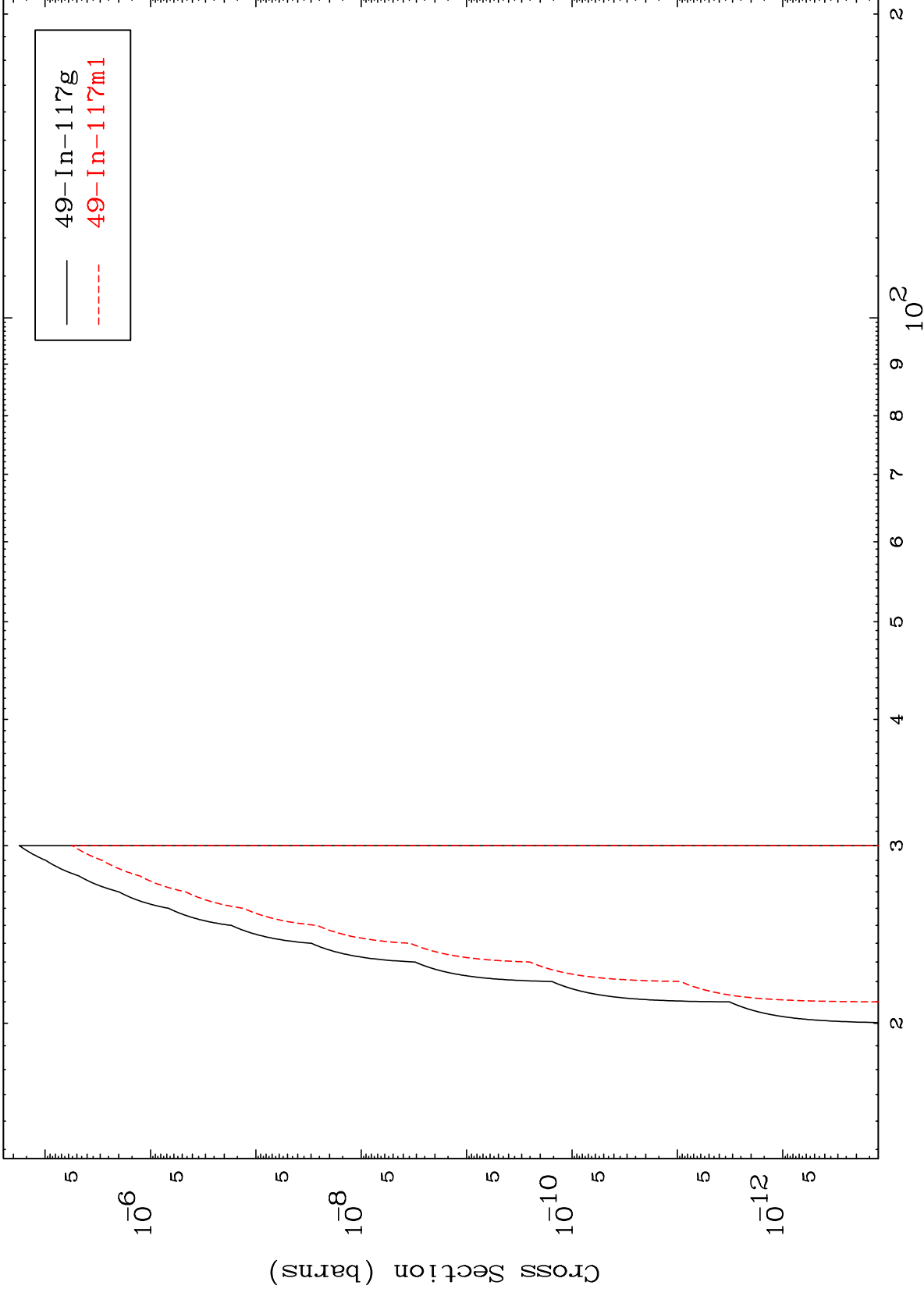


MAT 5119

(n,2n) p

51-Sb-119

Radionuclide Production Cross Section



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

92

Incident Energy (MeV)

51-Sb-119

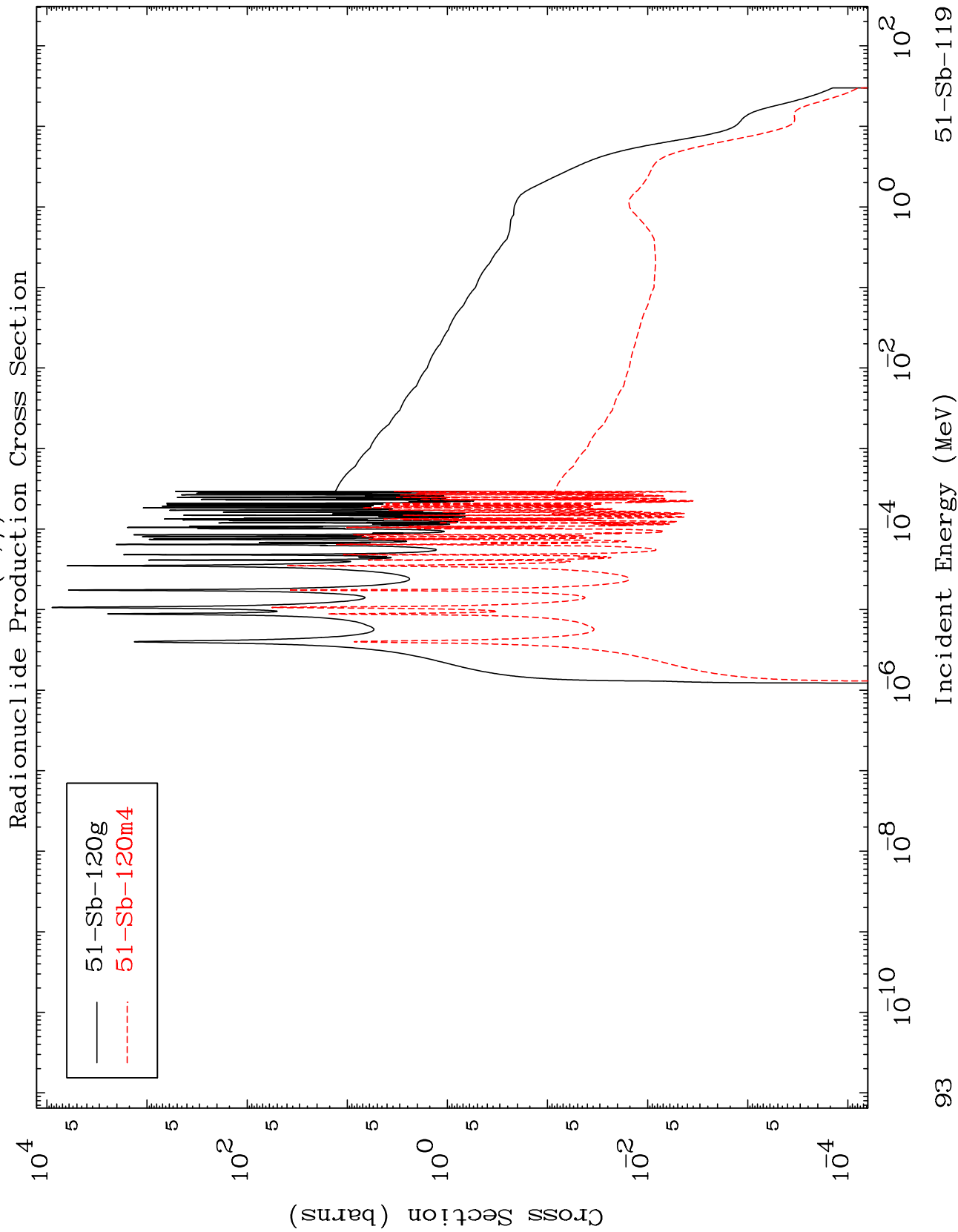
MAT 5119

51-Sb-119

Radionuclide Production Cross Section

(n,  $\gamma$ )

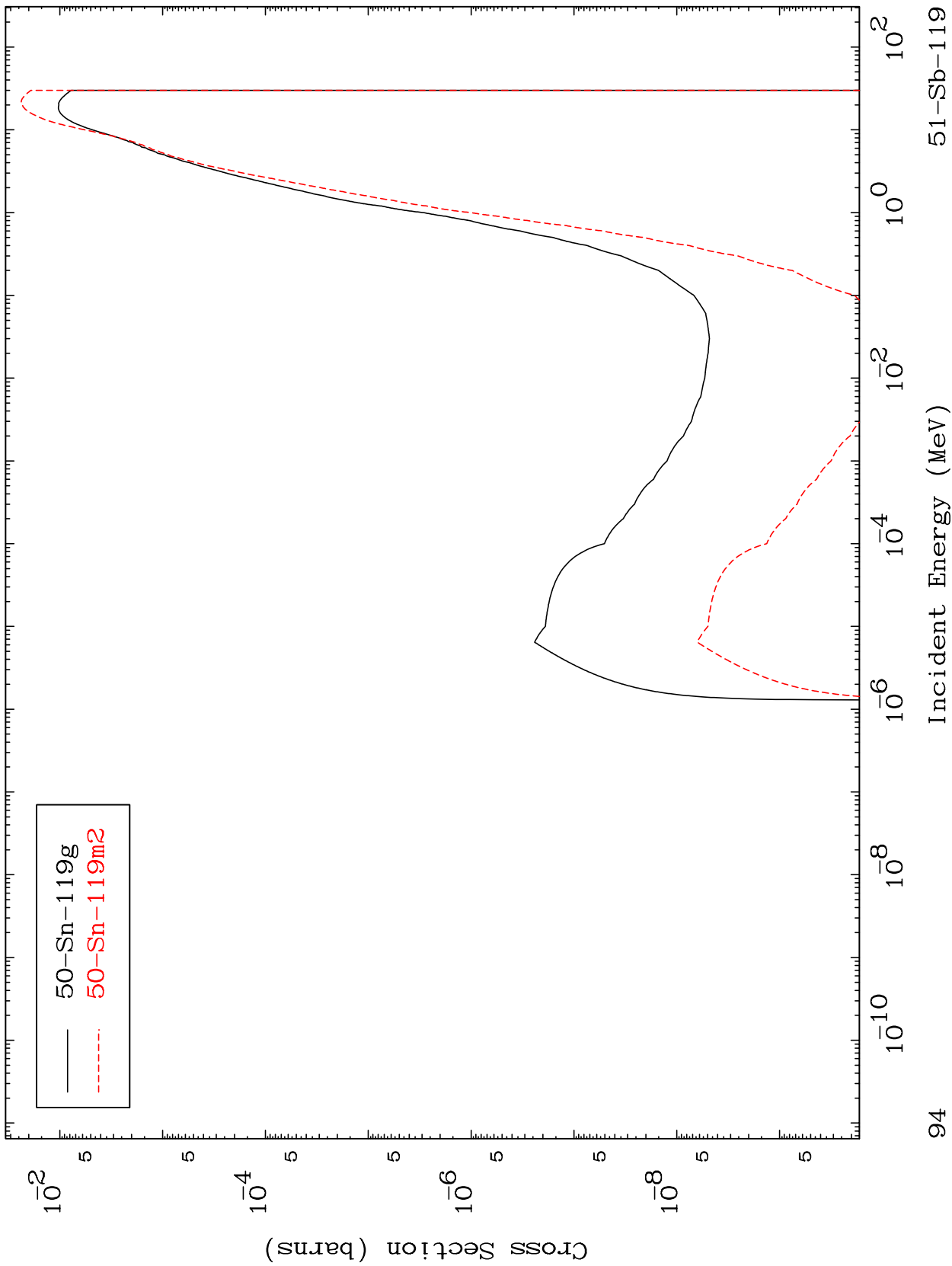
51-Sb-119



MAT 5119

51-Sb-119

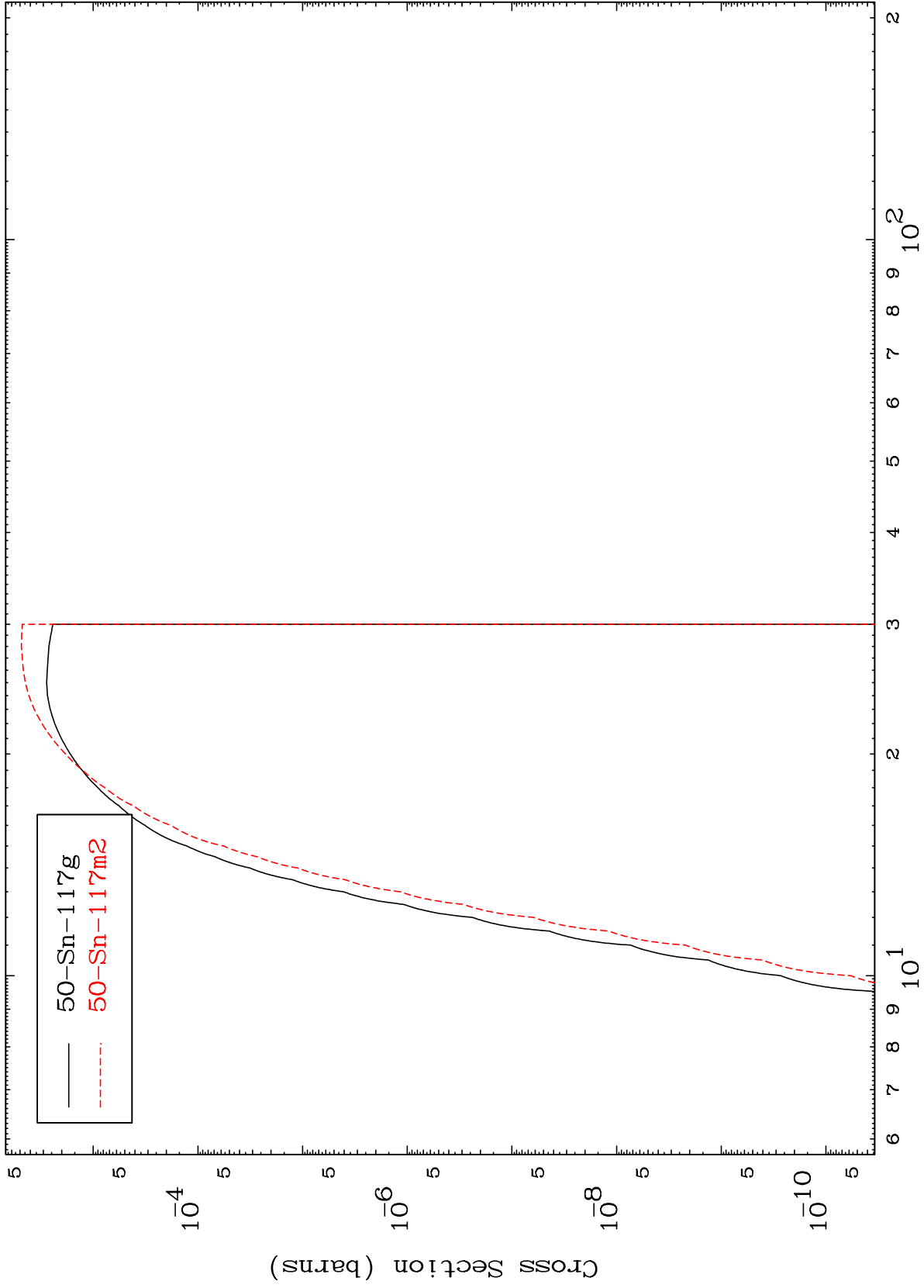
(n,p)  
Radionuclide Production Cross Section



MAT 5119

51-Sb-119

(n,t)  
Radionuclide Production Cross Section



95

Incident Energy (MeV)

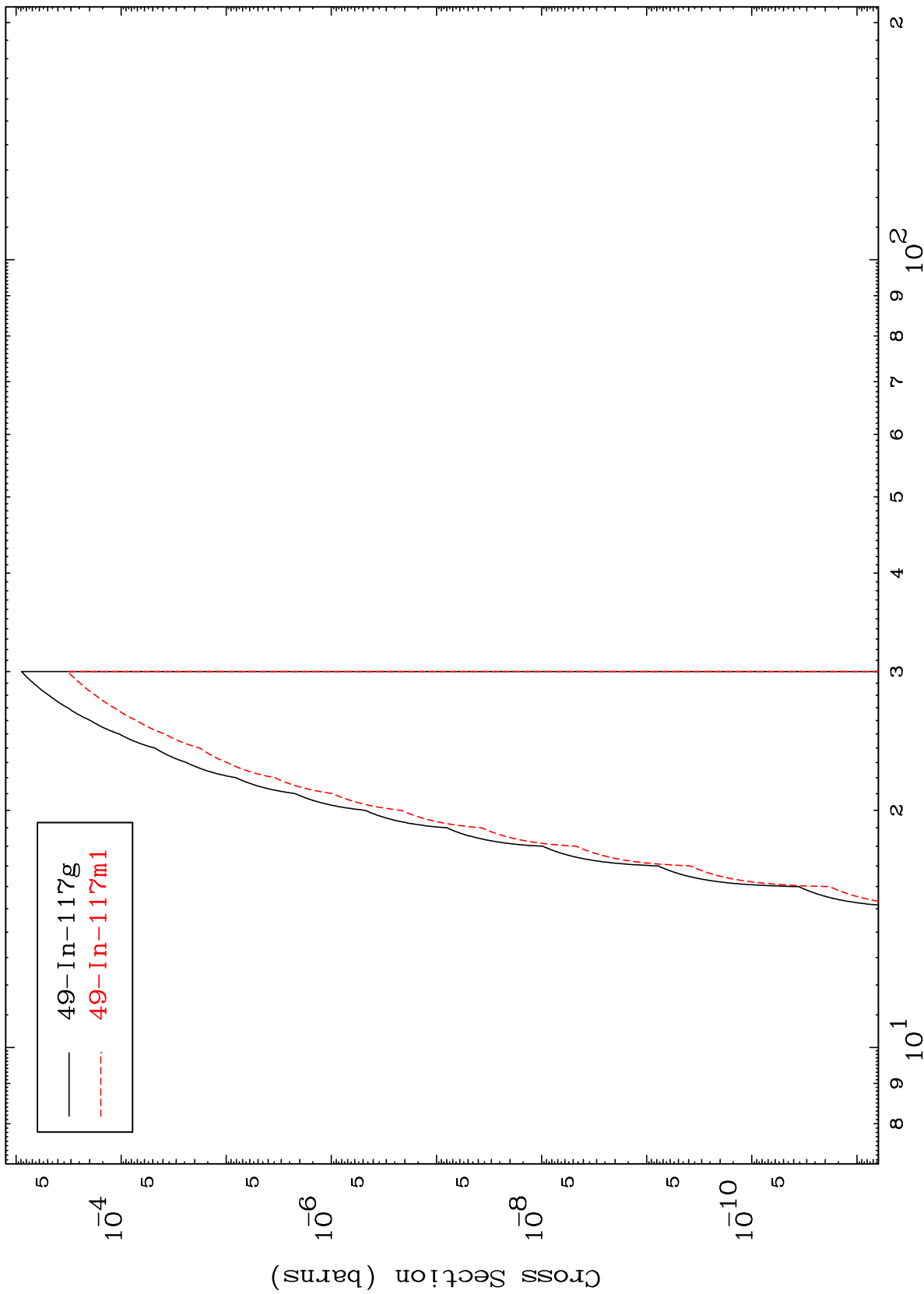
51-Sb-119



MAT 5119

51-Sb-119

(n,He-3)  
Radionuclide Production Cross Section



96

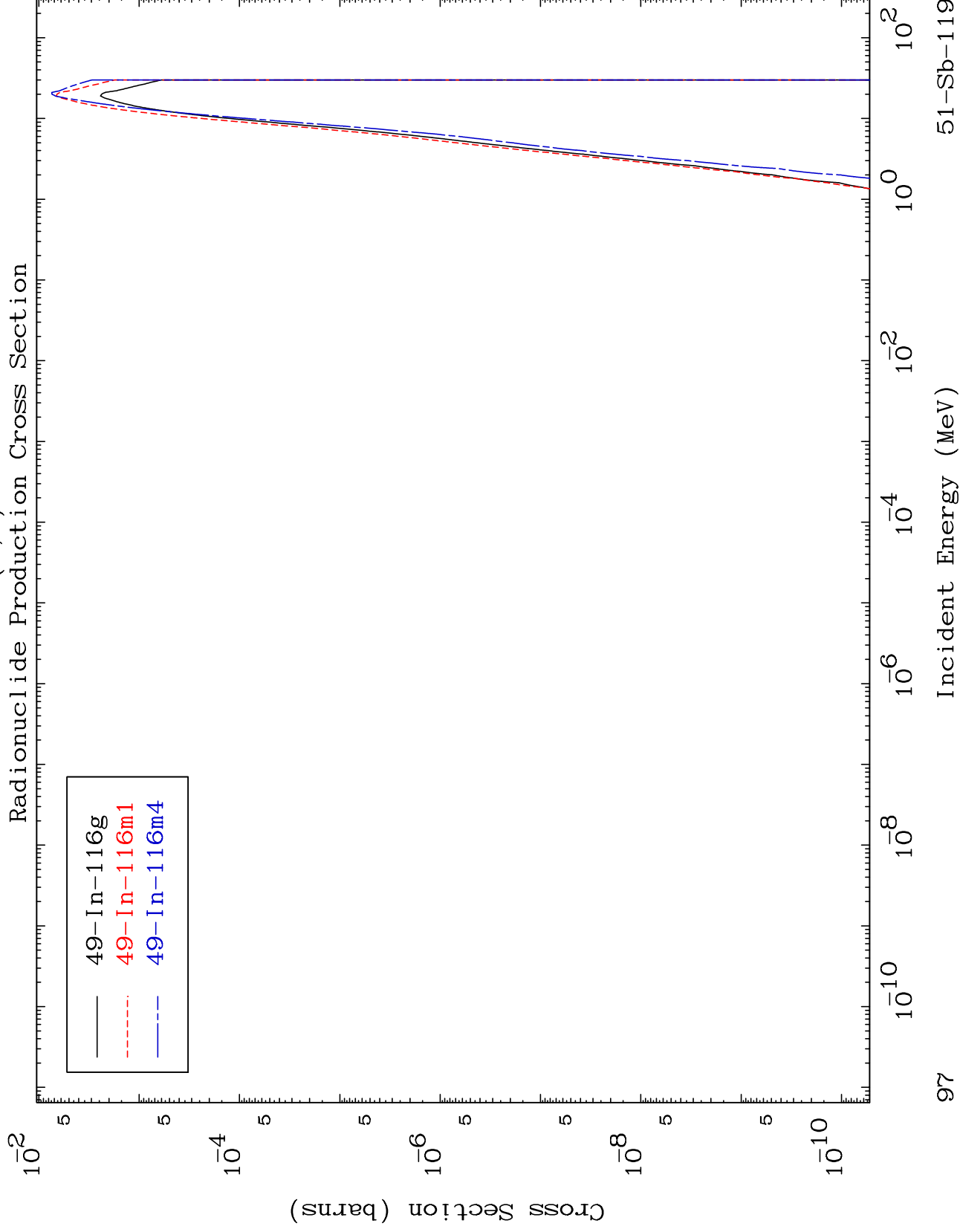
Incident Energy (MeV)

51-Sb-119

MAT 5119

51-Sb-119

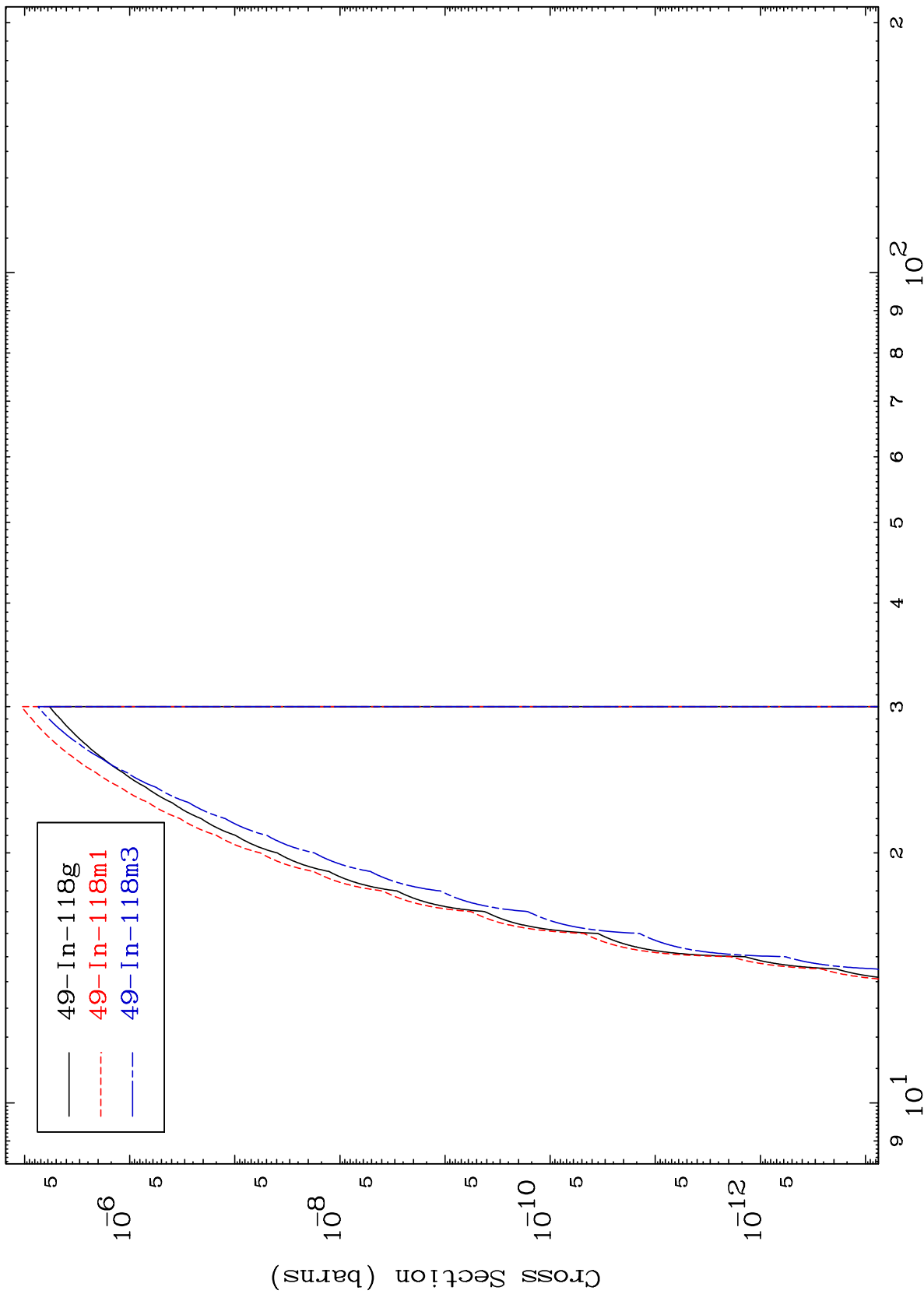
Radionuclide Production Cross Section  
(n,  $\alpha$ )



MAT 5119

51-Sb-119

(n,2p)  
Radionuclide Production Cross Section



98

Incident Energy (MeV)

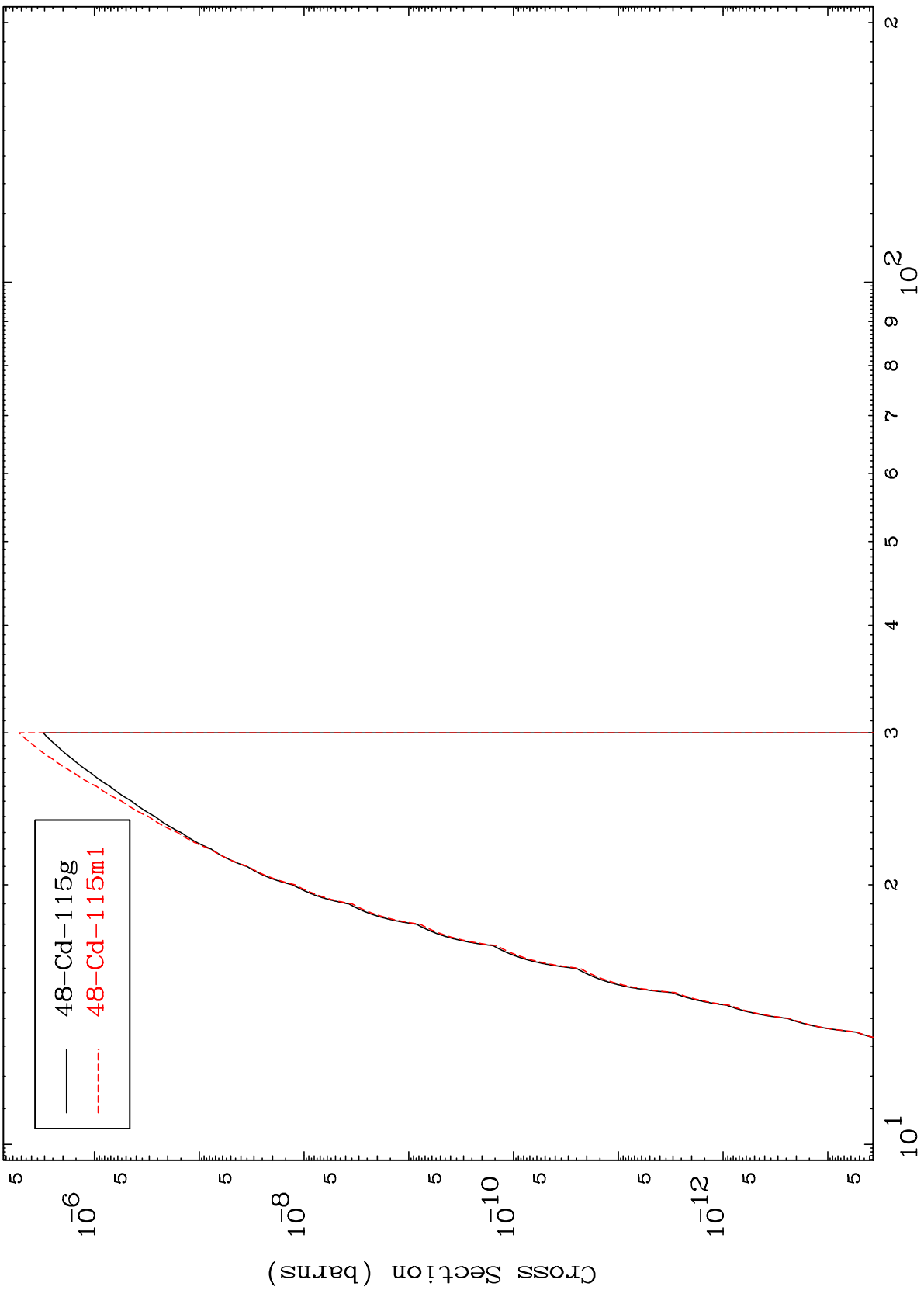
51-Sb-119

MAT 5119

(n,p)  $\alpha$

51-Sb-119

Radionuclide Production Cross Section



99

Incident Energy (MeV)

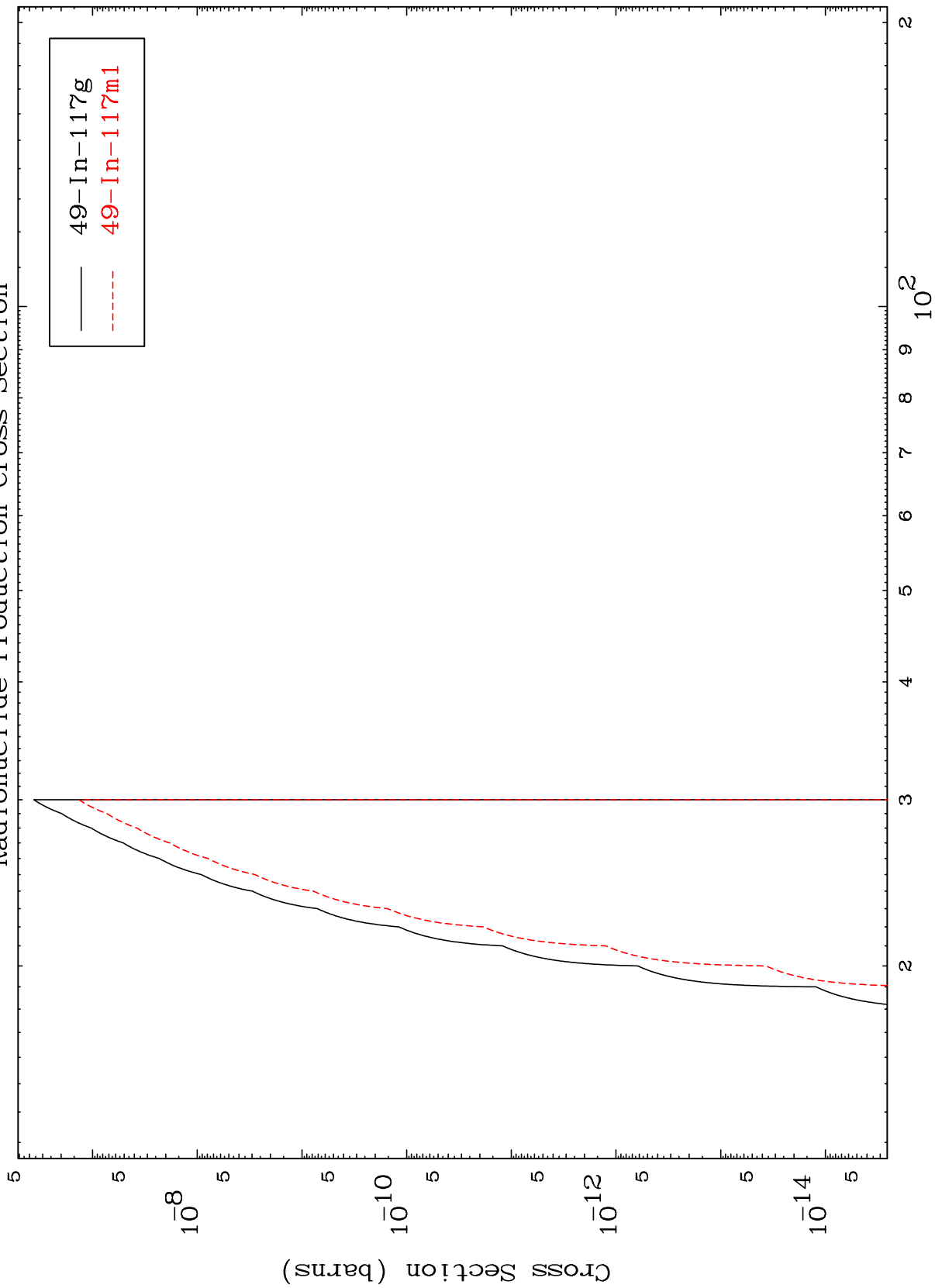
51-Sb-119

MAT 5119

(n,p) d

51-Sb-119

Radionuclide Production Cross Section



100

Incident Energy (MeV)

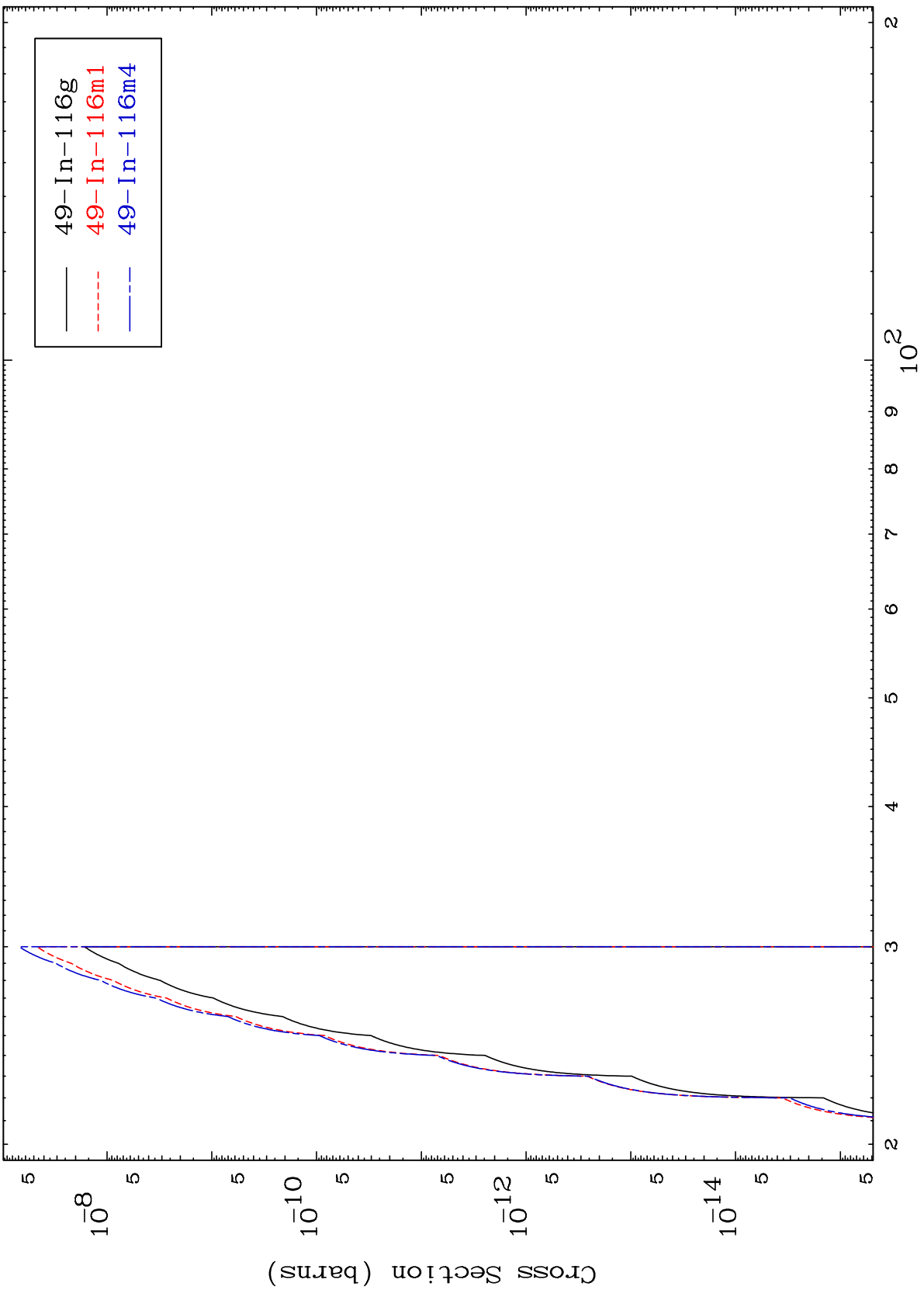
51-Sb-119

MAT 5119

(n,p) t

51-Sb-119

Radionuclide Production Cross Section



101

Incident Energy (MeV)

51-Sb-119