

Program EVALPLOT  
(Version 2021-1)

by

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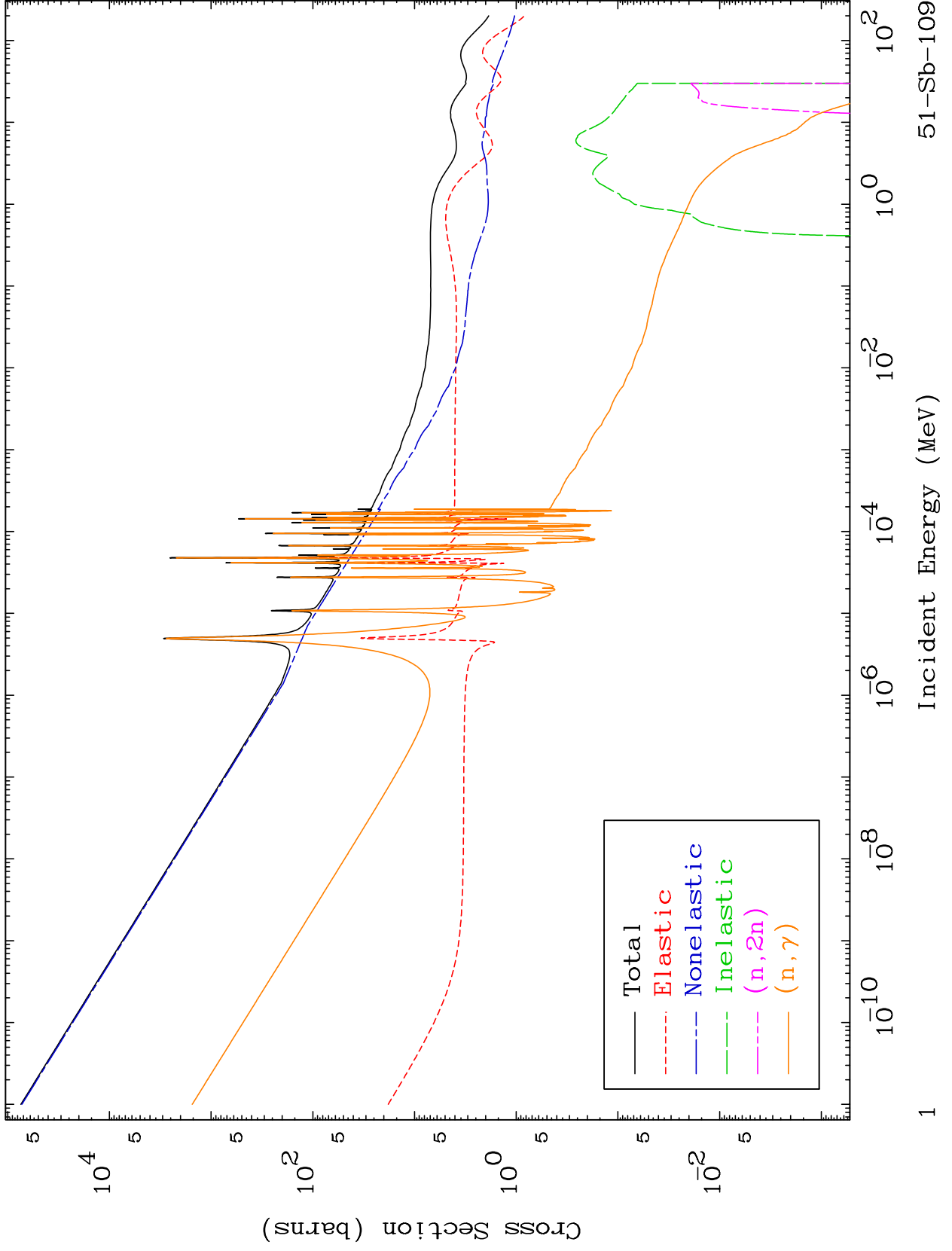
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Press Mouse Button to Start

MAT 5089

Neutron Major  
293 Kelvin Cross Sections

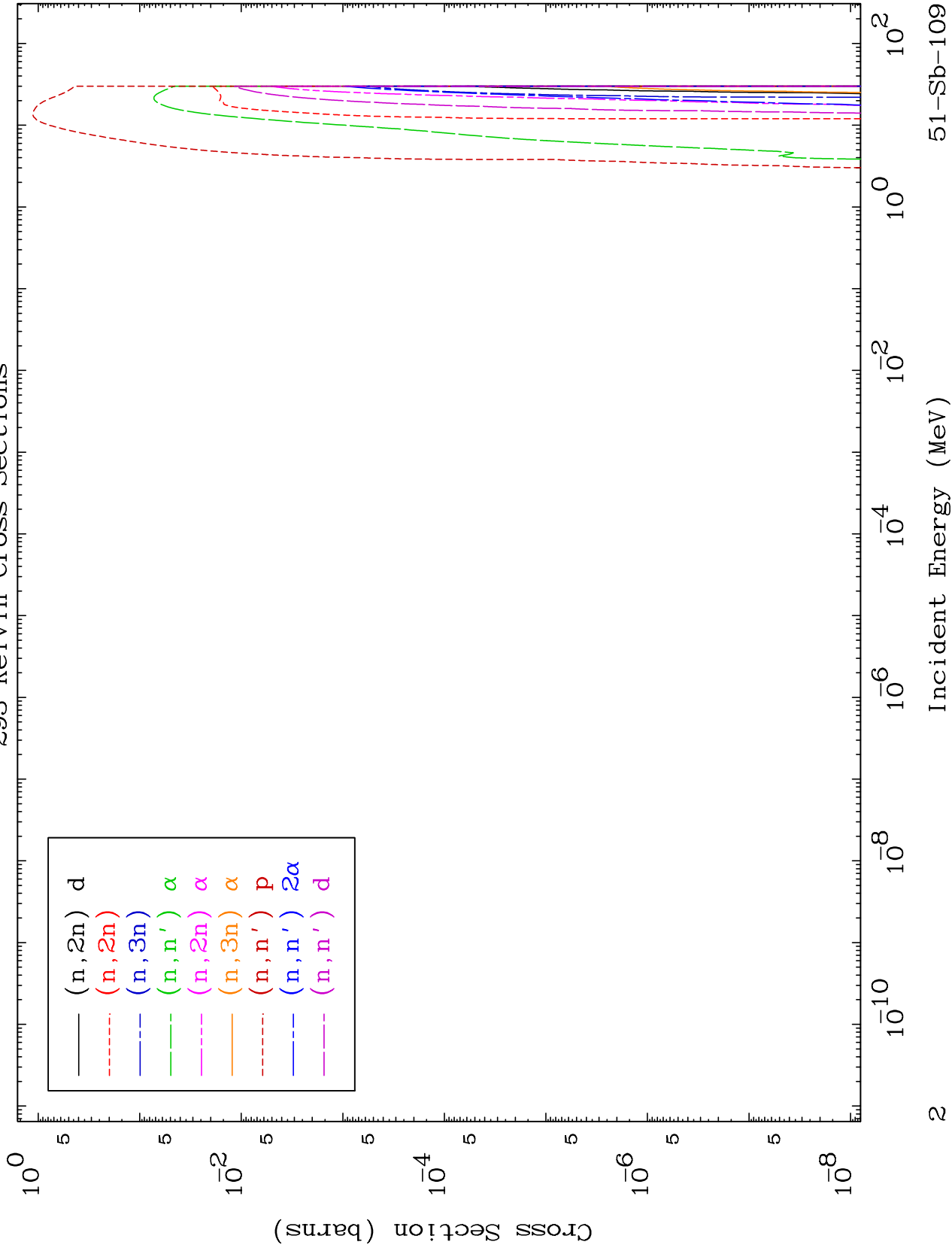
51-Sb-109

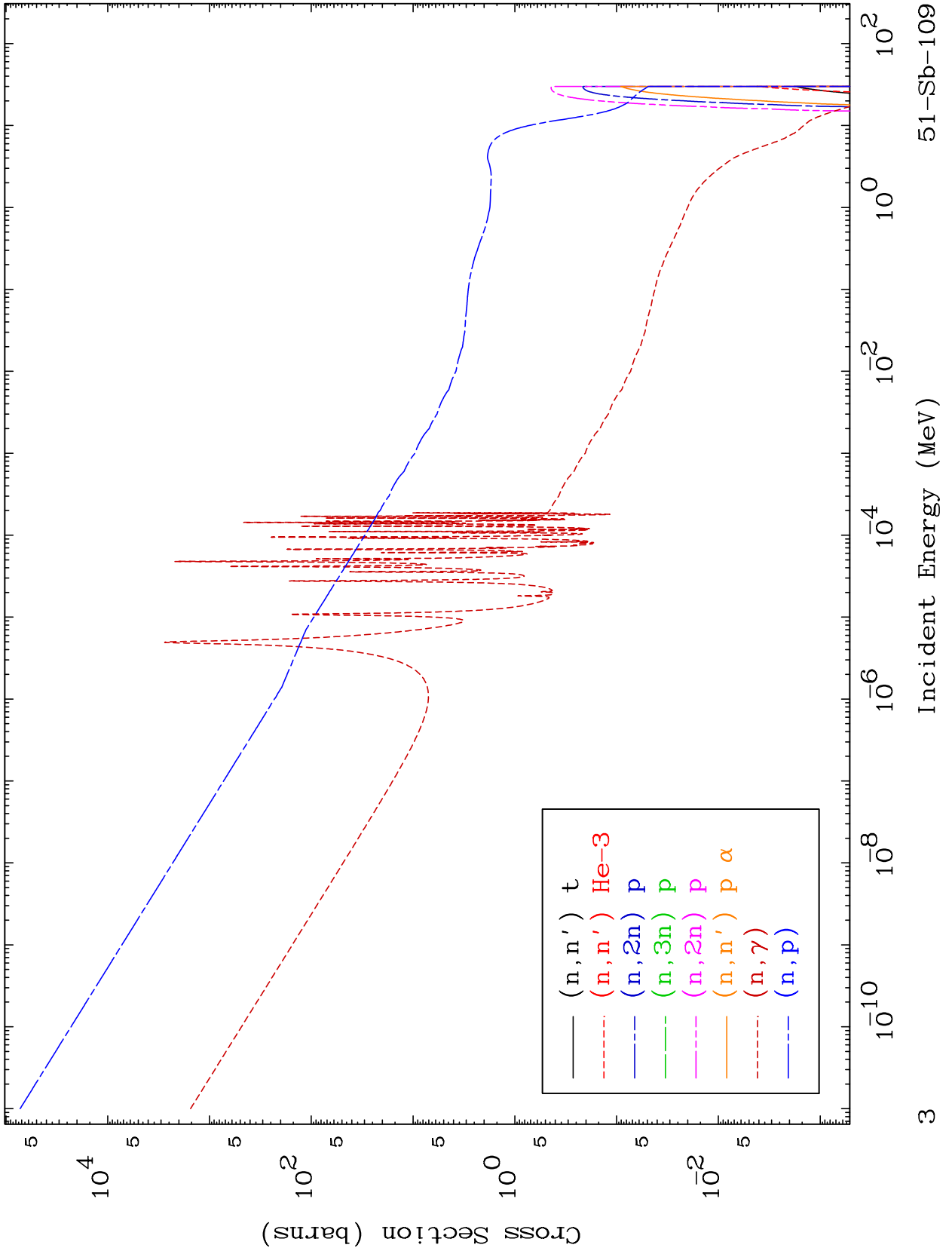


MAT 5089

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-109

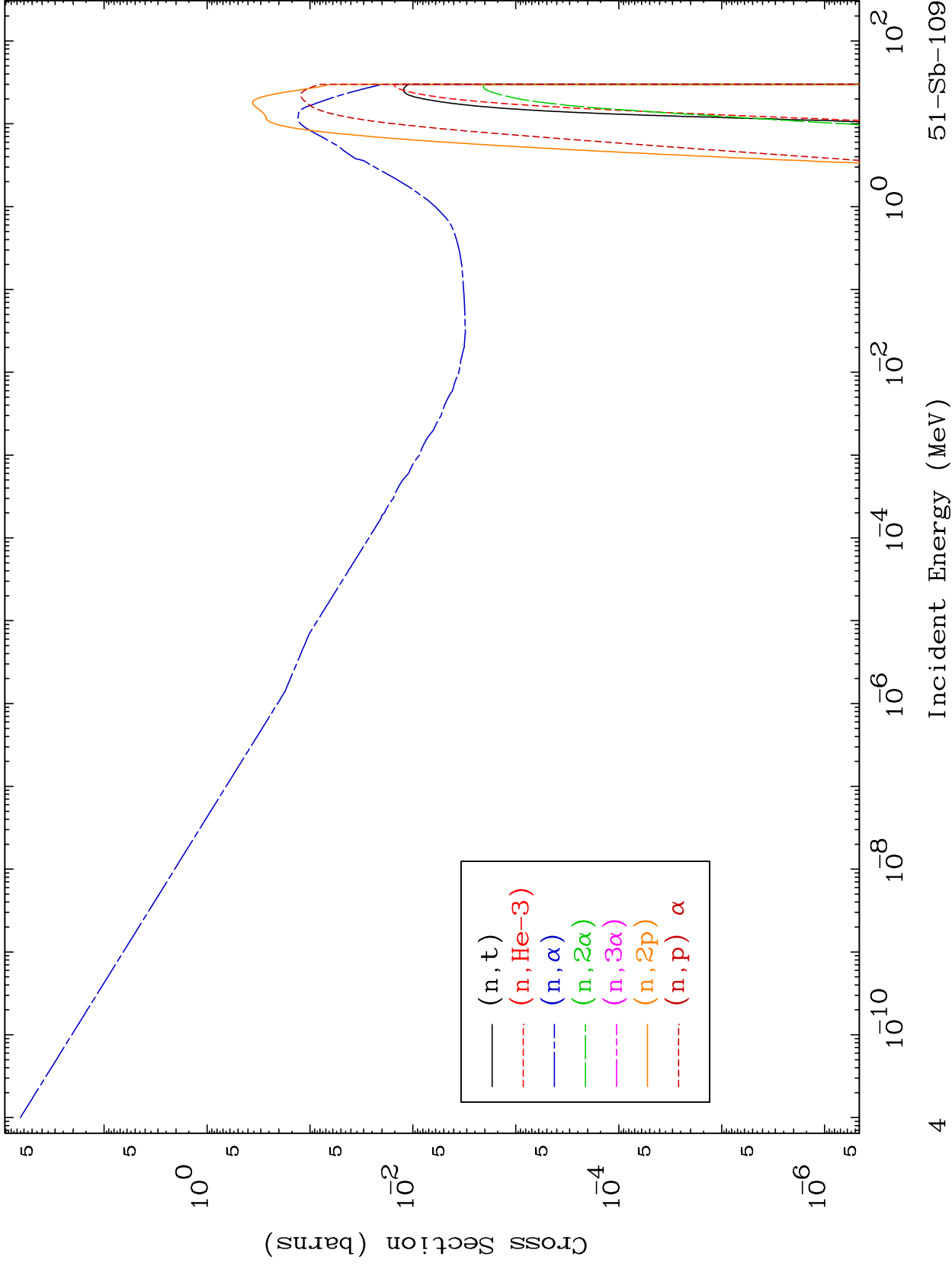


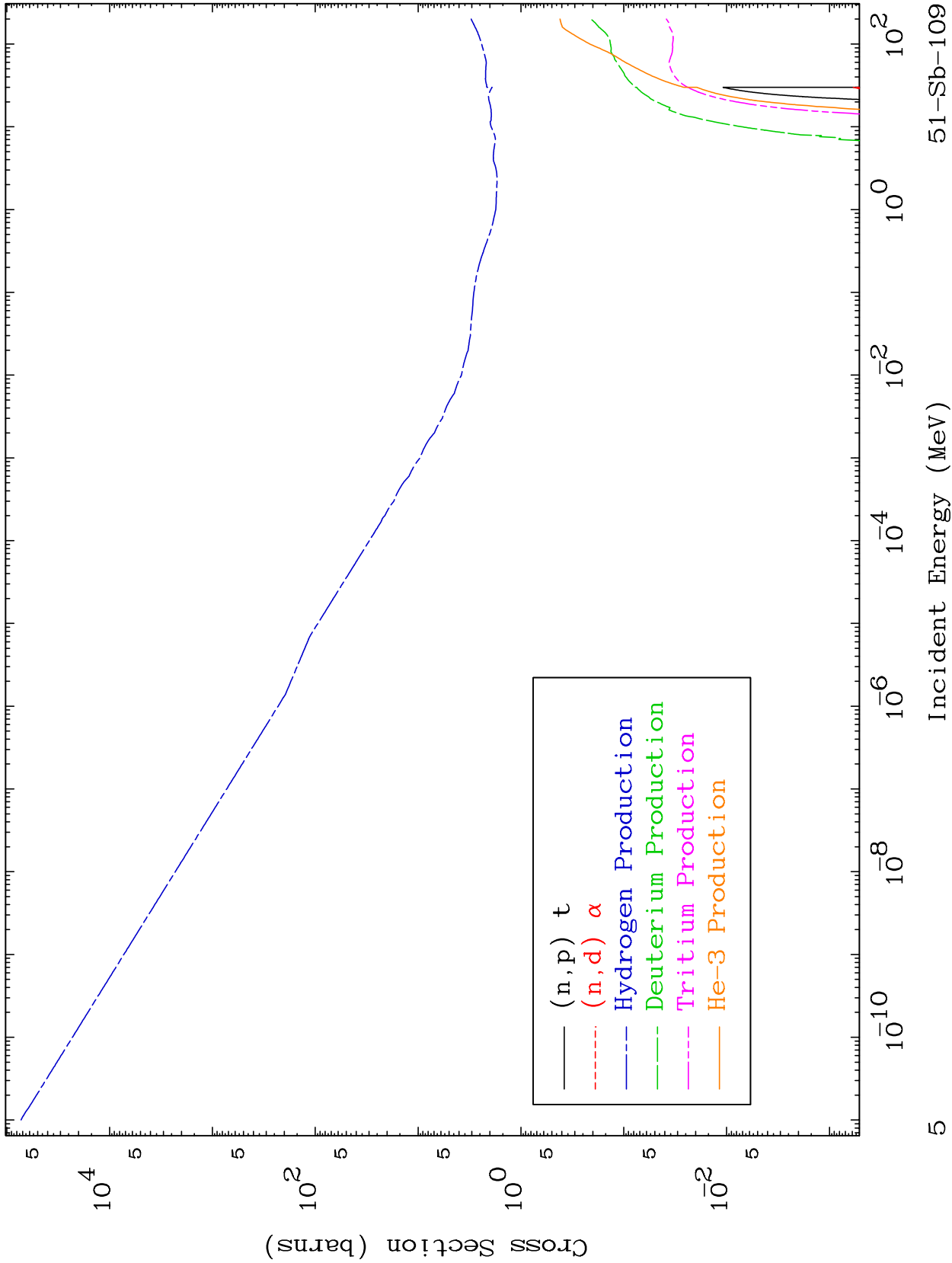


MAT 5089

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-109

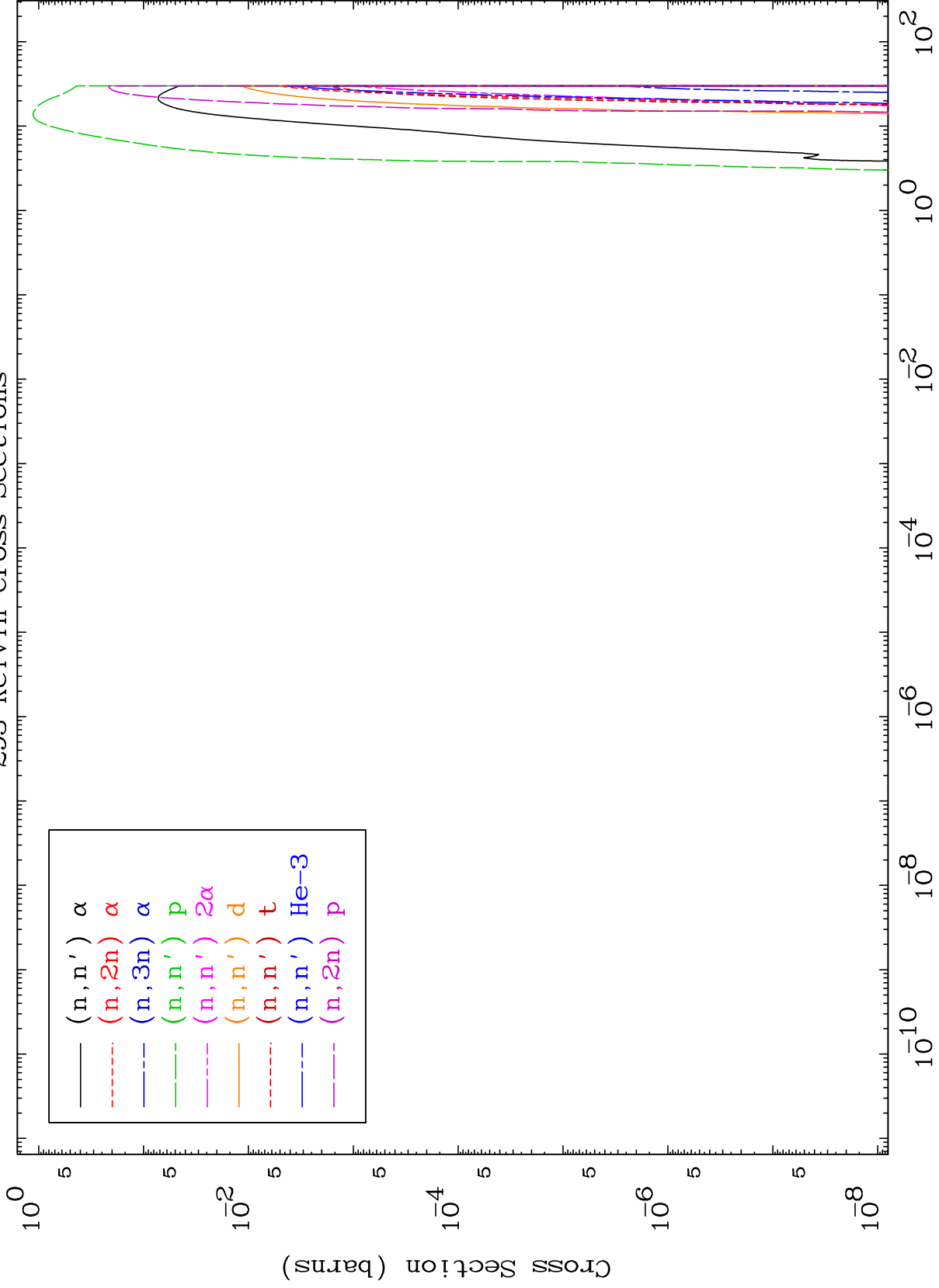


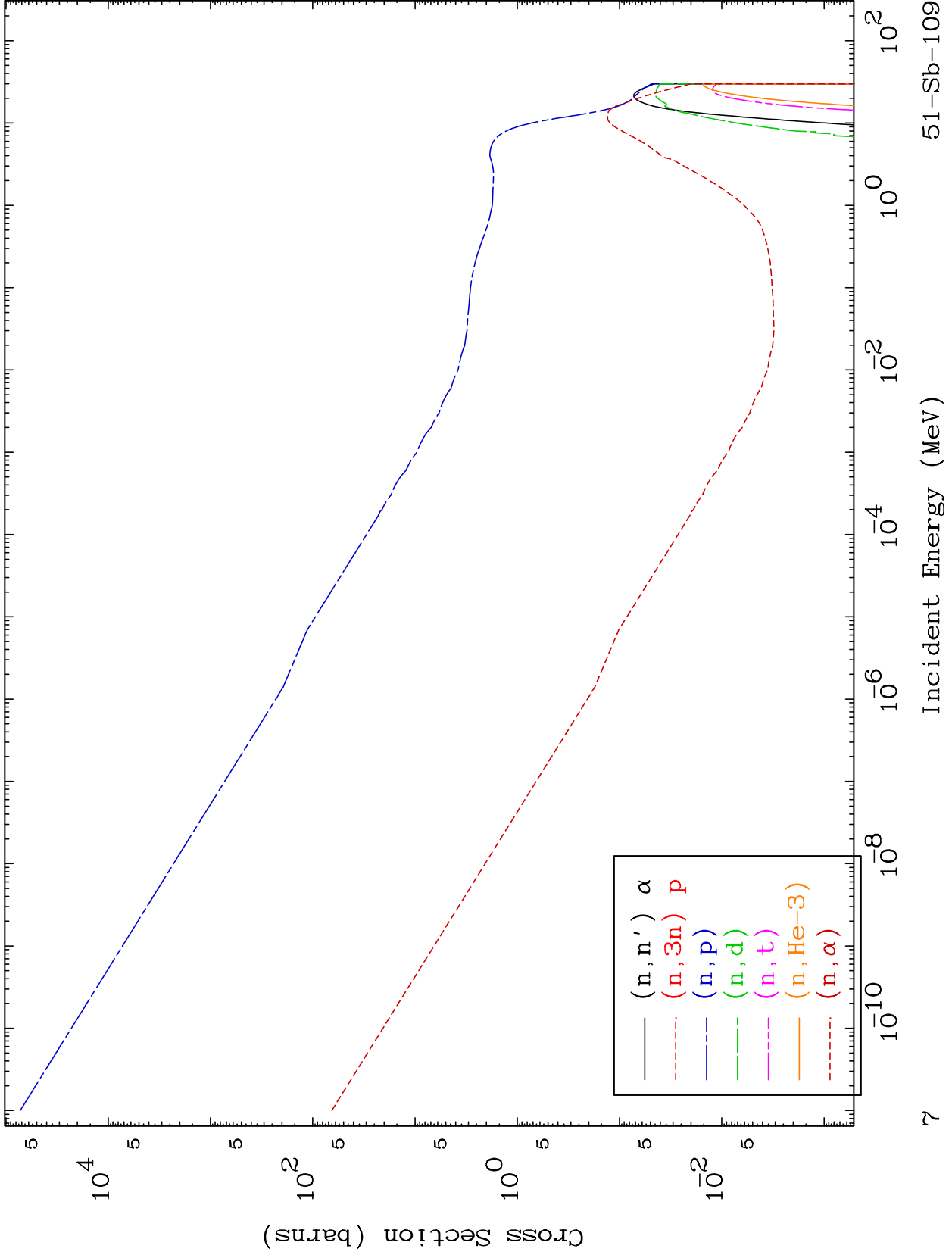


MAT 5089

Charged Particle  
293 Kelvin Cross Sections

51-Sb-109



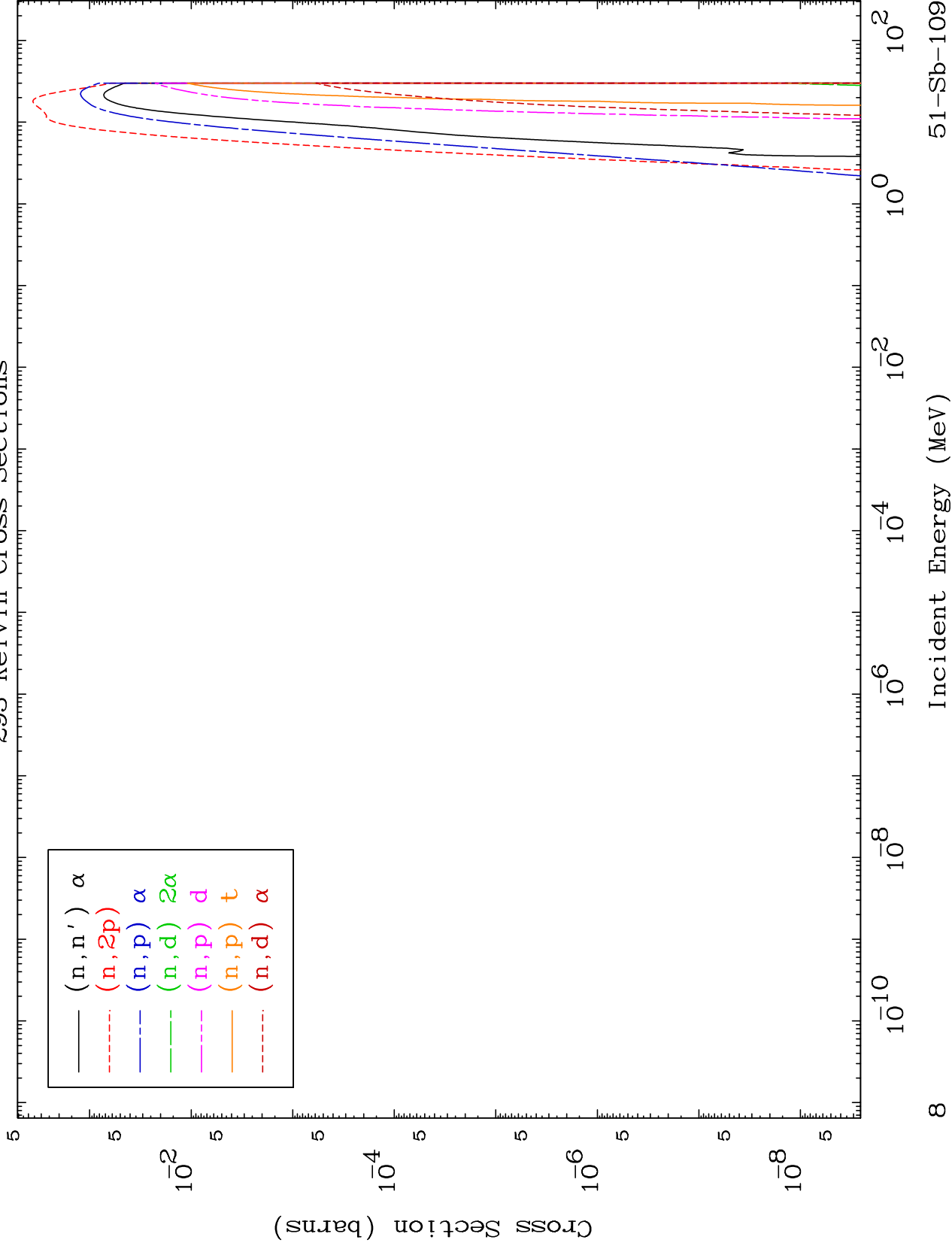


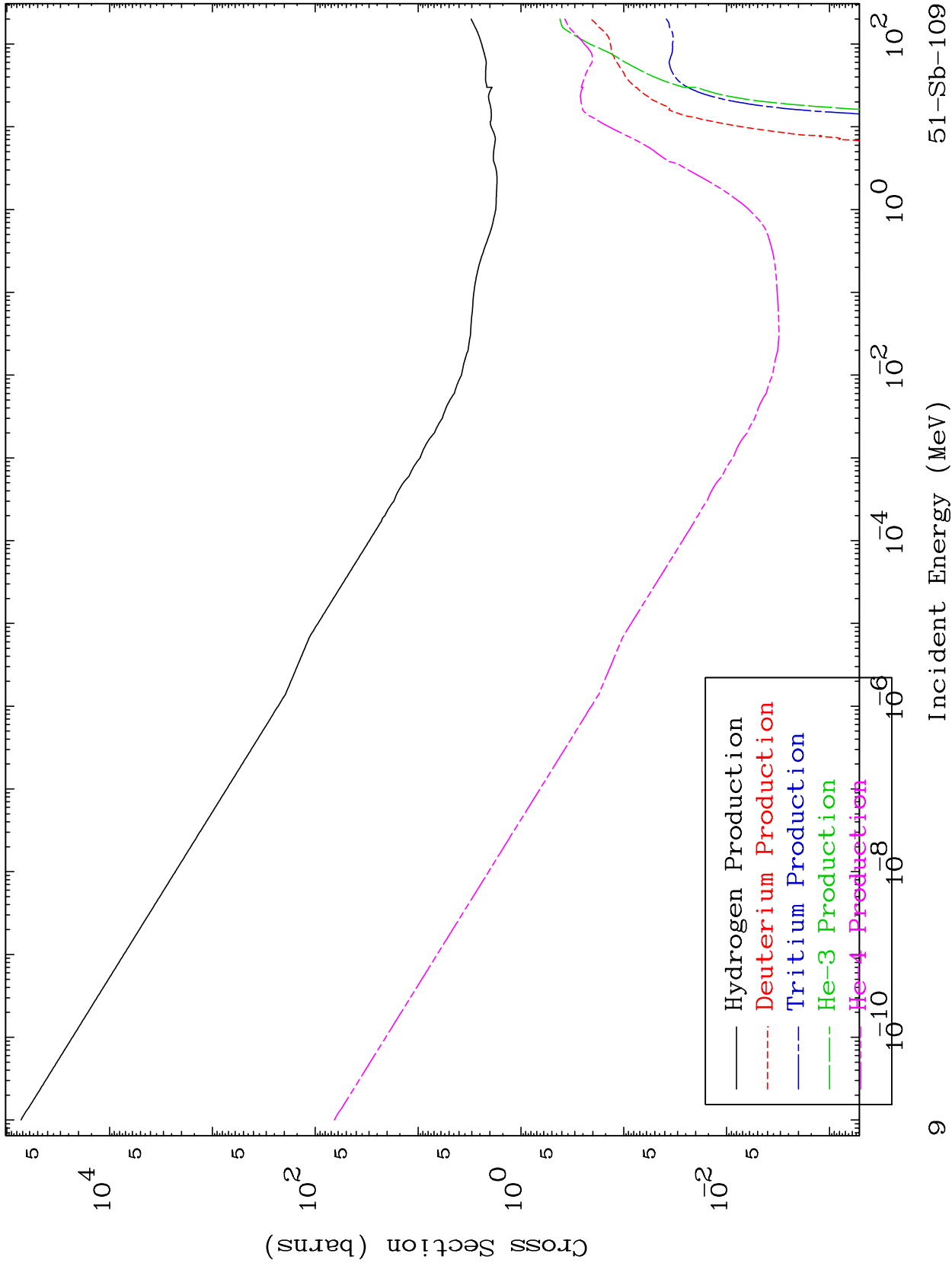


MAT 5089

Charged Particle  
293 Kelvin Cross Sections

51-Sb-109



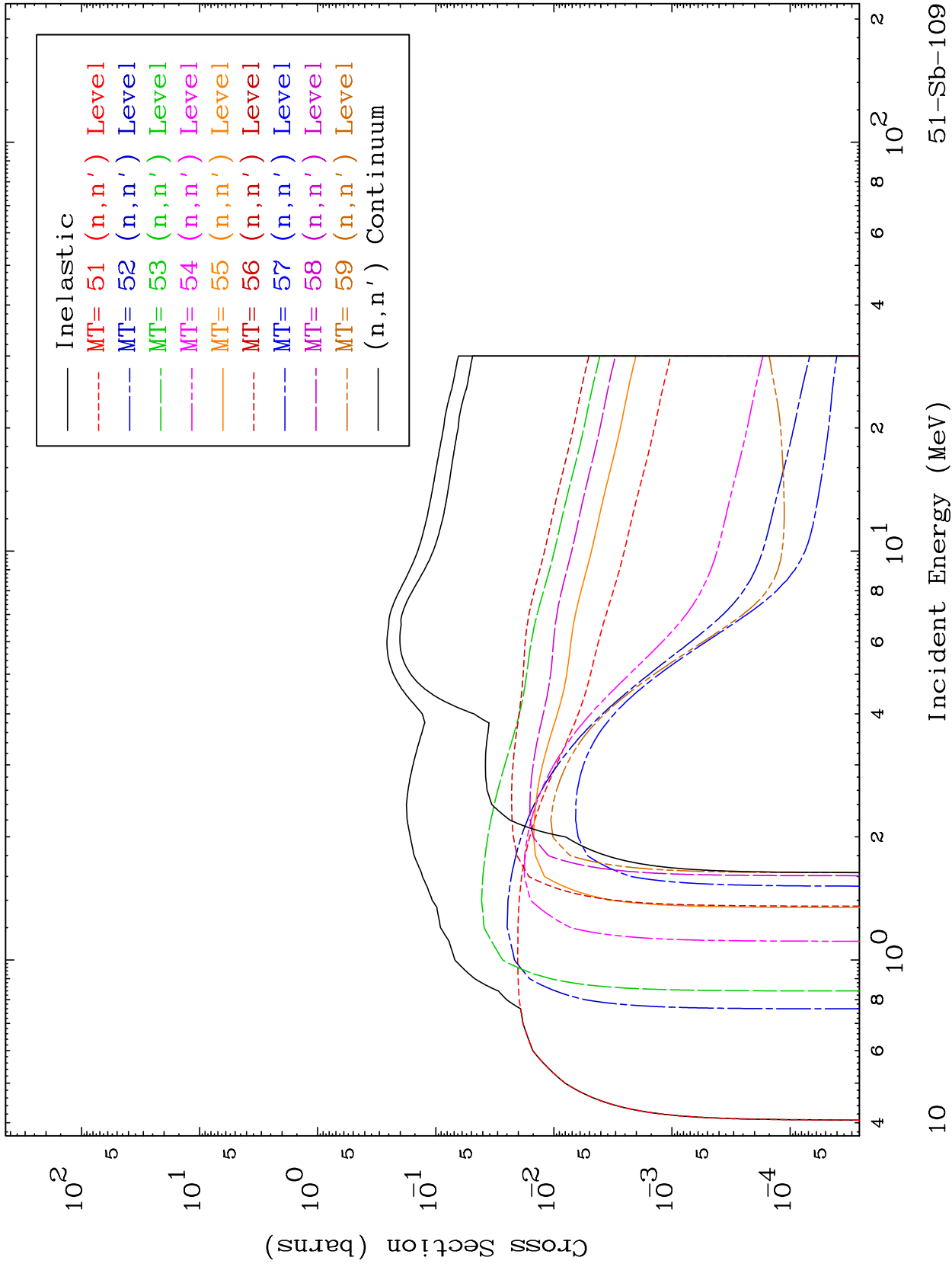


MAT 5089

(n,n') Levels

51-Sb-109

293 Kelvin Cross Sections



10

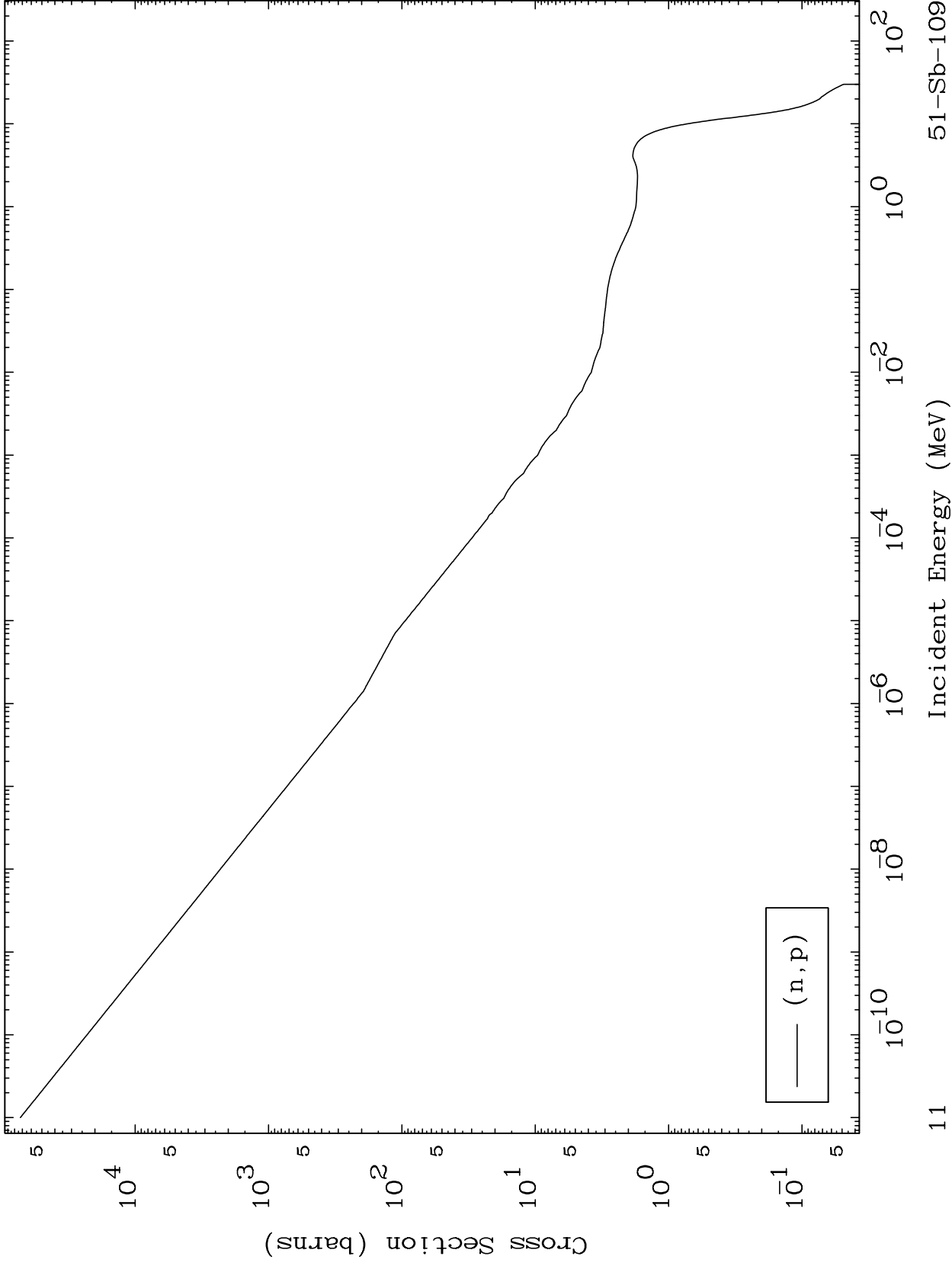
Incident Energy (MeV)

51-Sb-109

MAT 5089

(n,p) Levels  
293 Kelvin Cross Sections

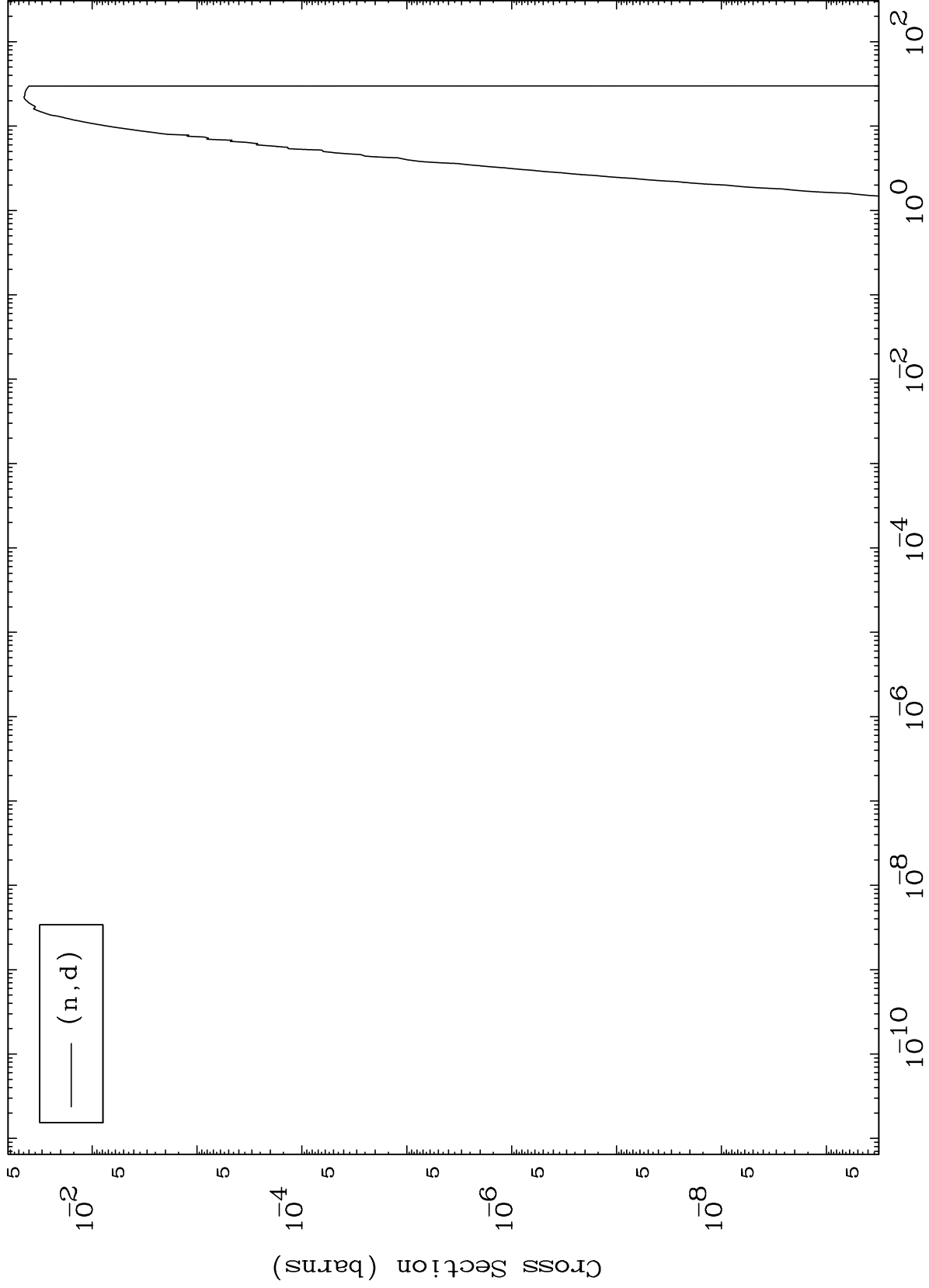
51-Sb-109



MAT 5089

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-109



12

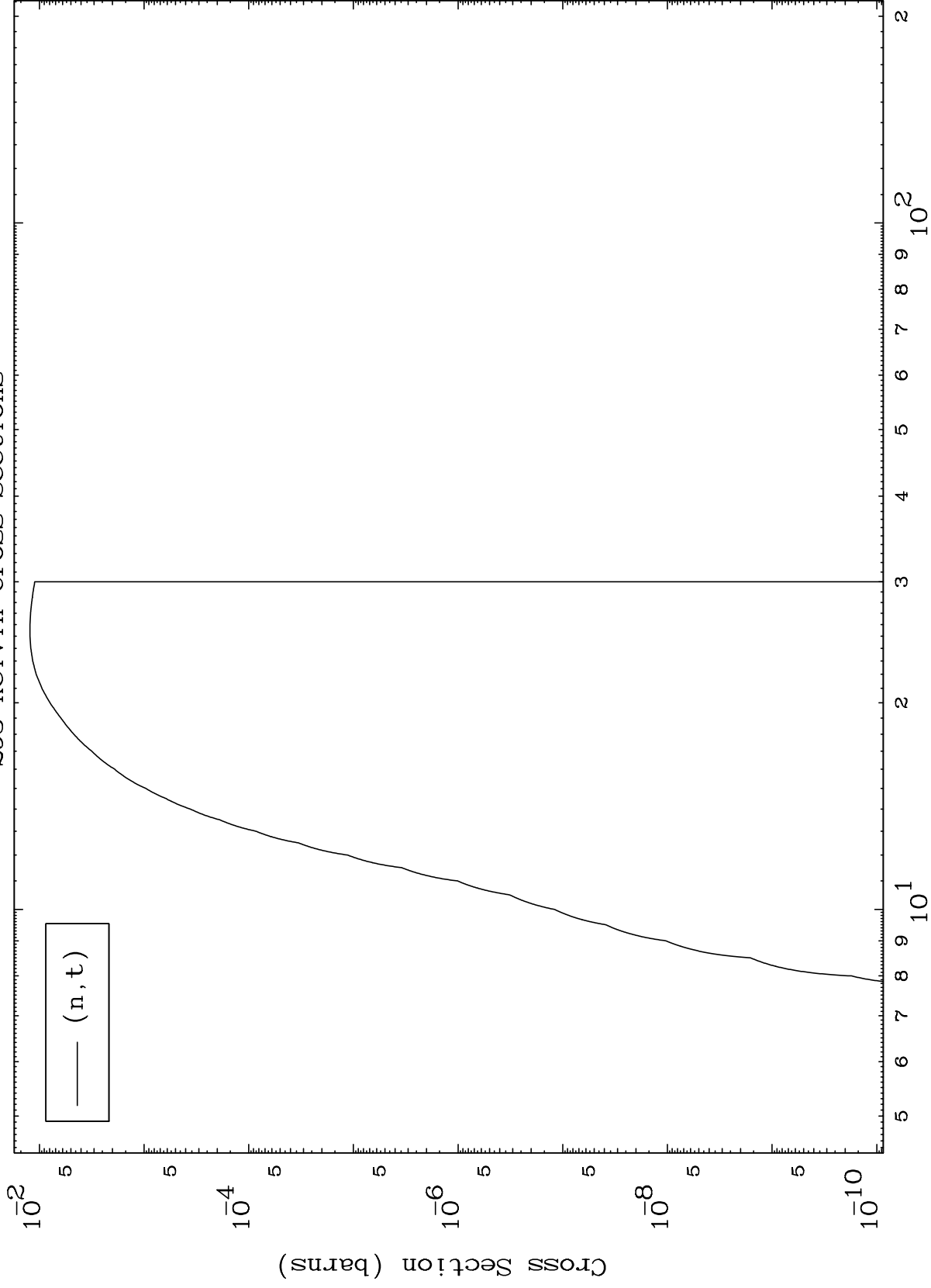
Incident Energy (MeV)

51-Sb-109

MAT 5089

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-109



13

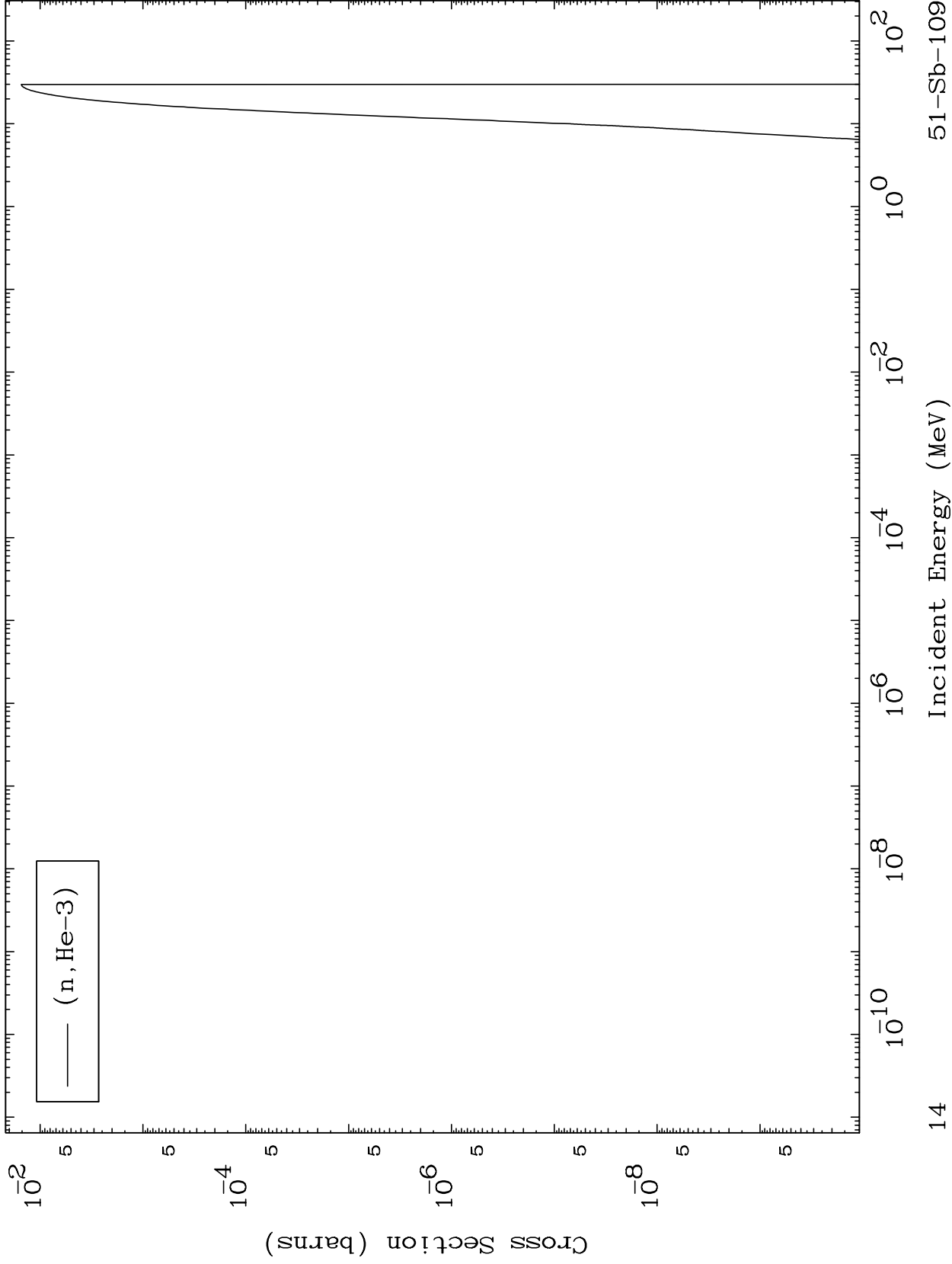
Incident Energy (MeV)

51-Sb-109

MAT 5089

(n,He3) Levels  
293 Kelvin Cross Sections

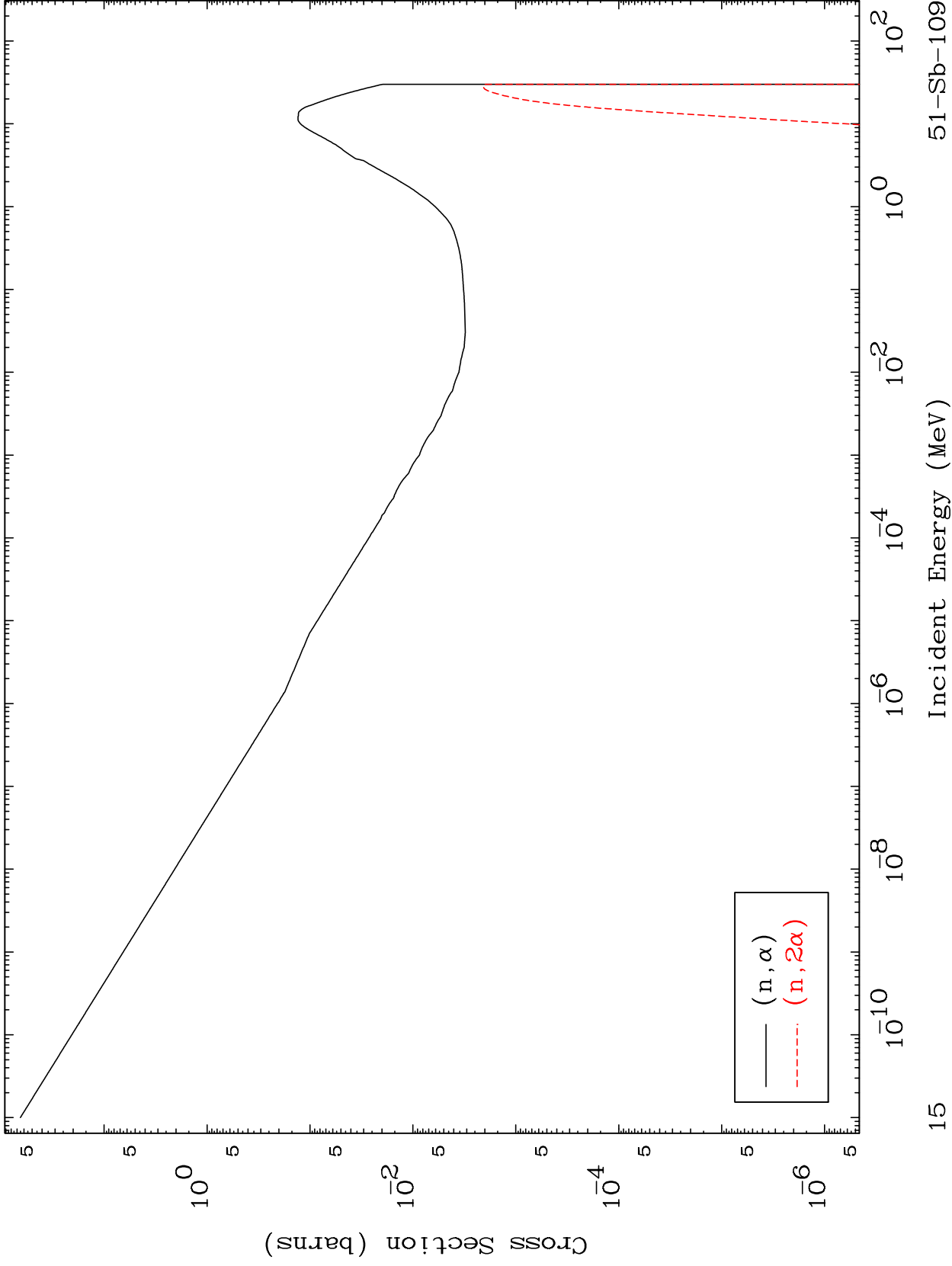
51-Sb-109



MAT 5089

(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-109



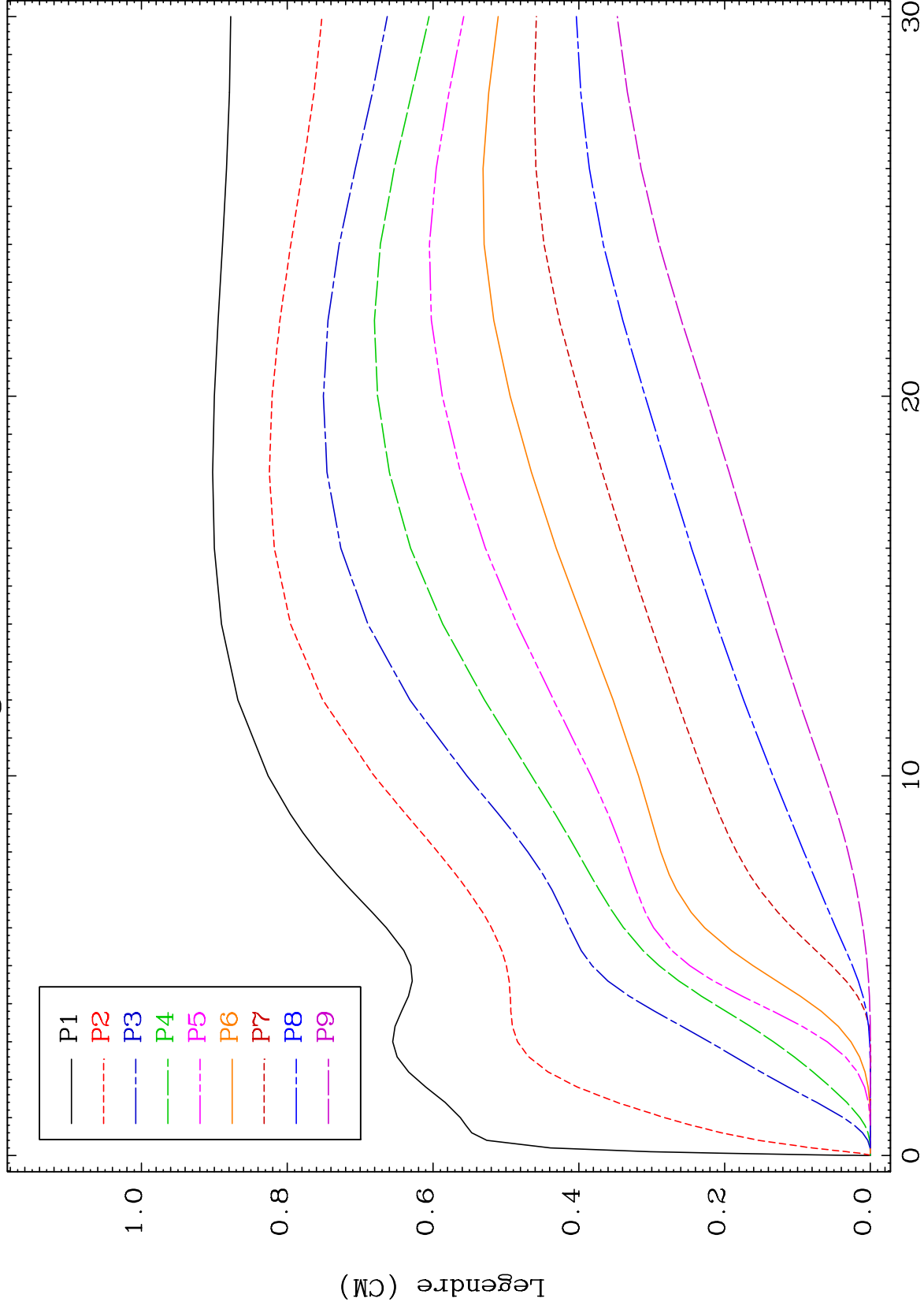
15



MAT 5089

Elastic Legendre Coefficients

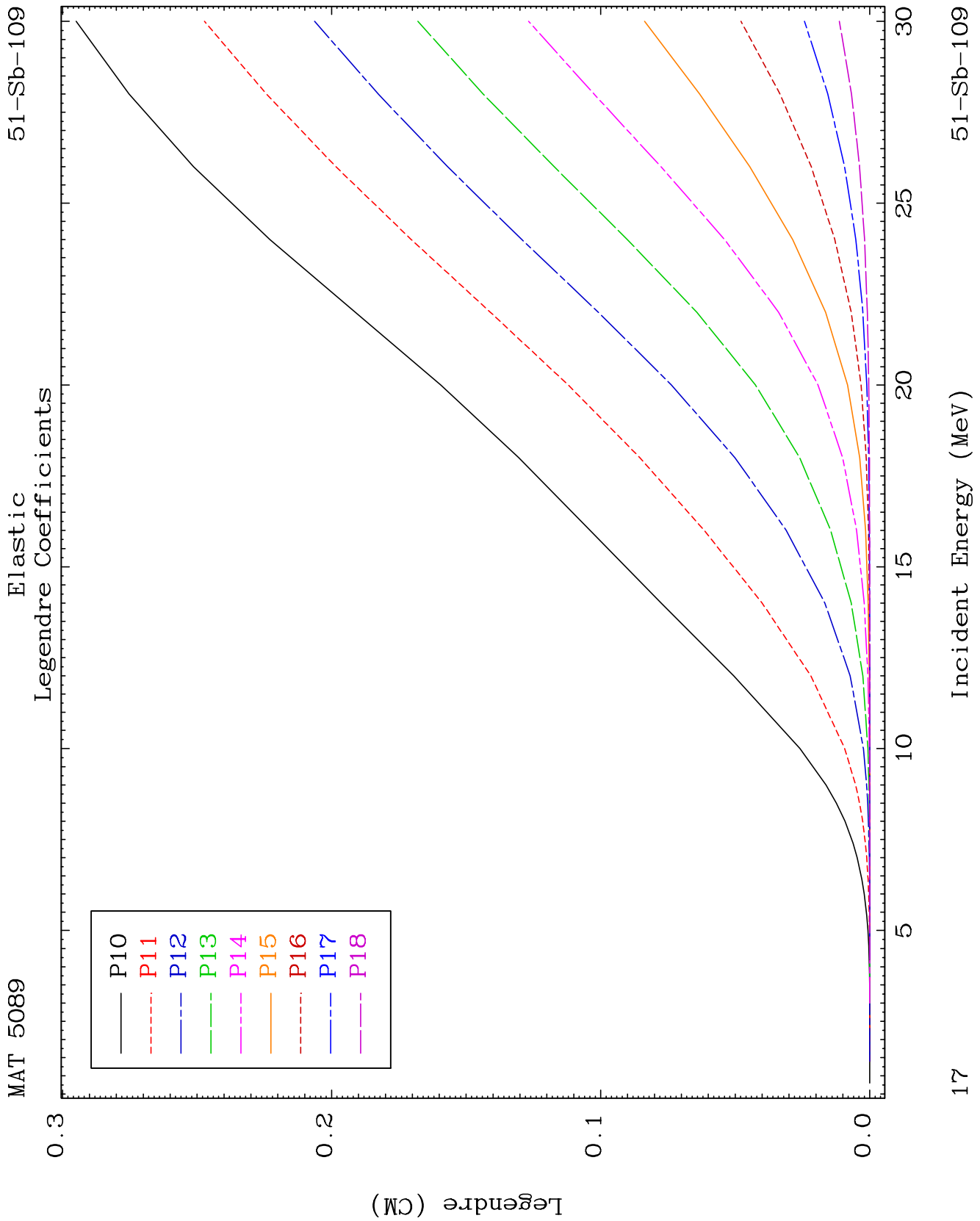
51-Sb-109



16

Incident Energy (MeV)

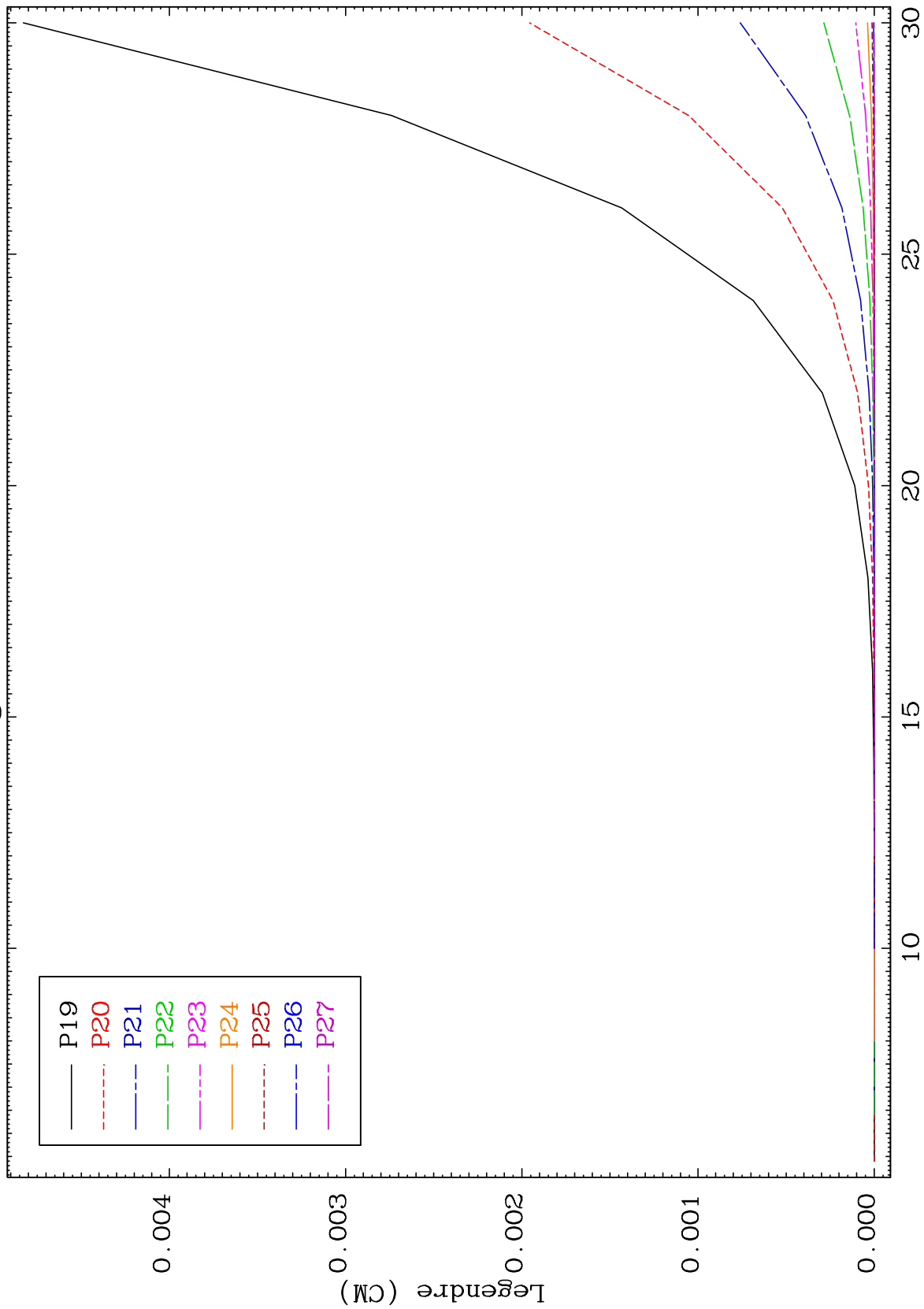
51-Sb-109



MAT 5089

Elastic Legendre Coefficients

51-Sb-109



18

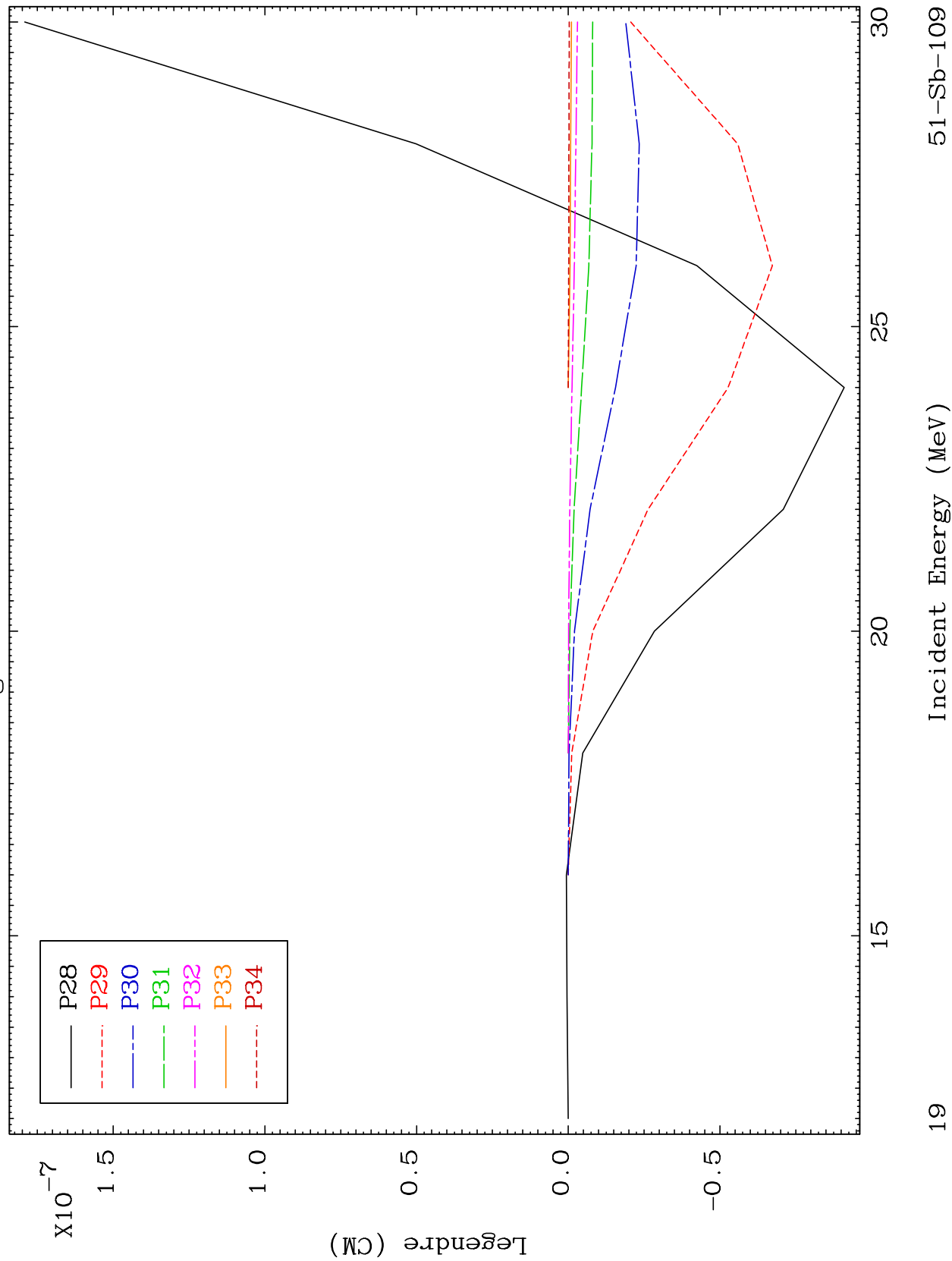
Incident Energy (MeV)

51-Sb-109

MAT 5089

Elastic Legendre Coefficients

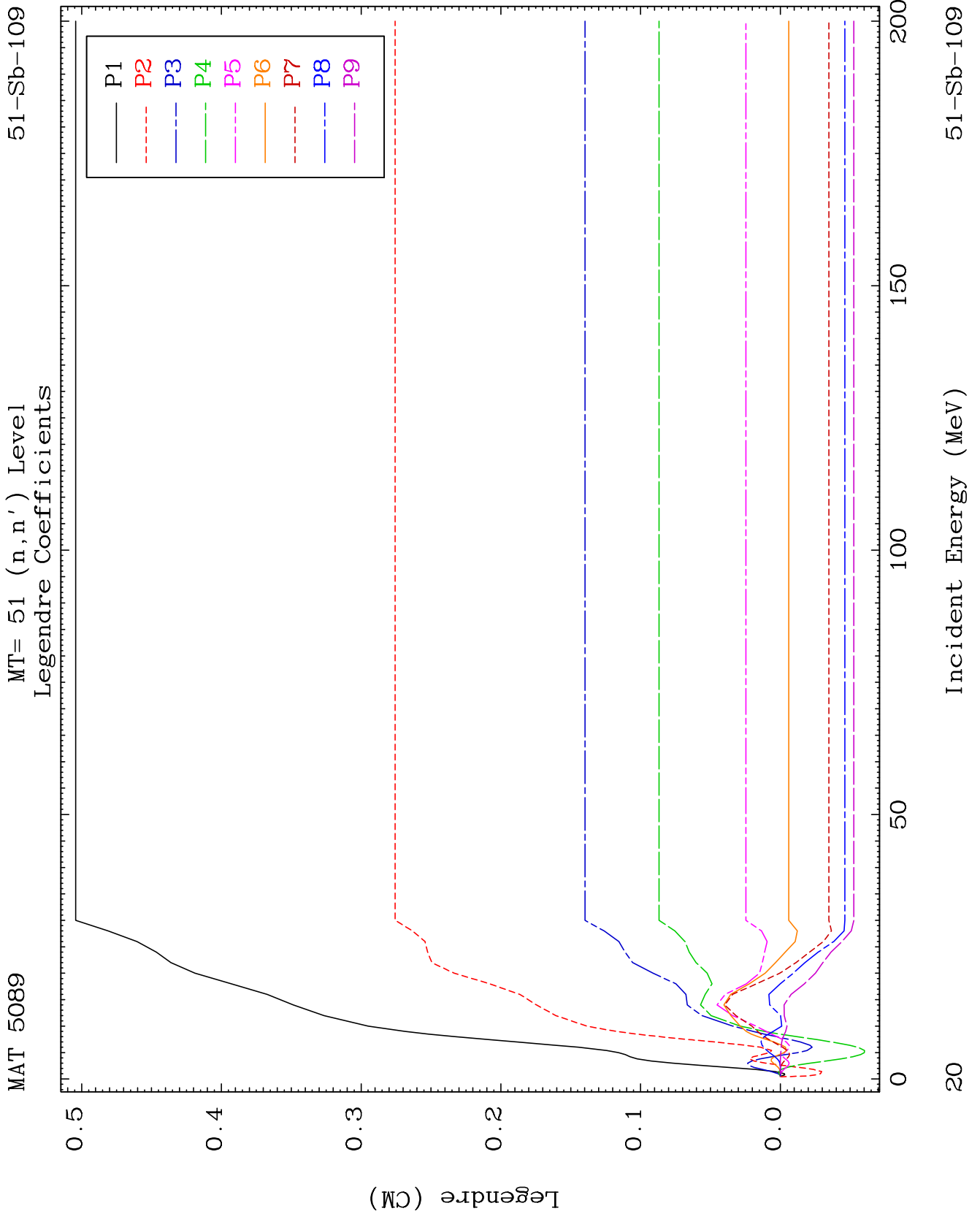
51-Sb-109



19

Incident Energy (MeV)

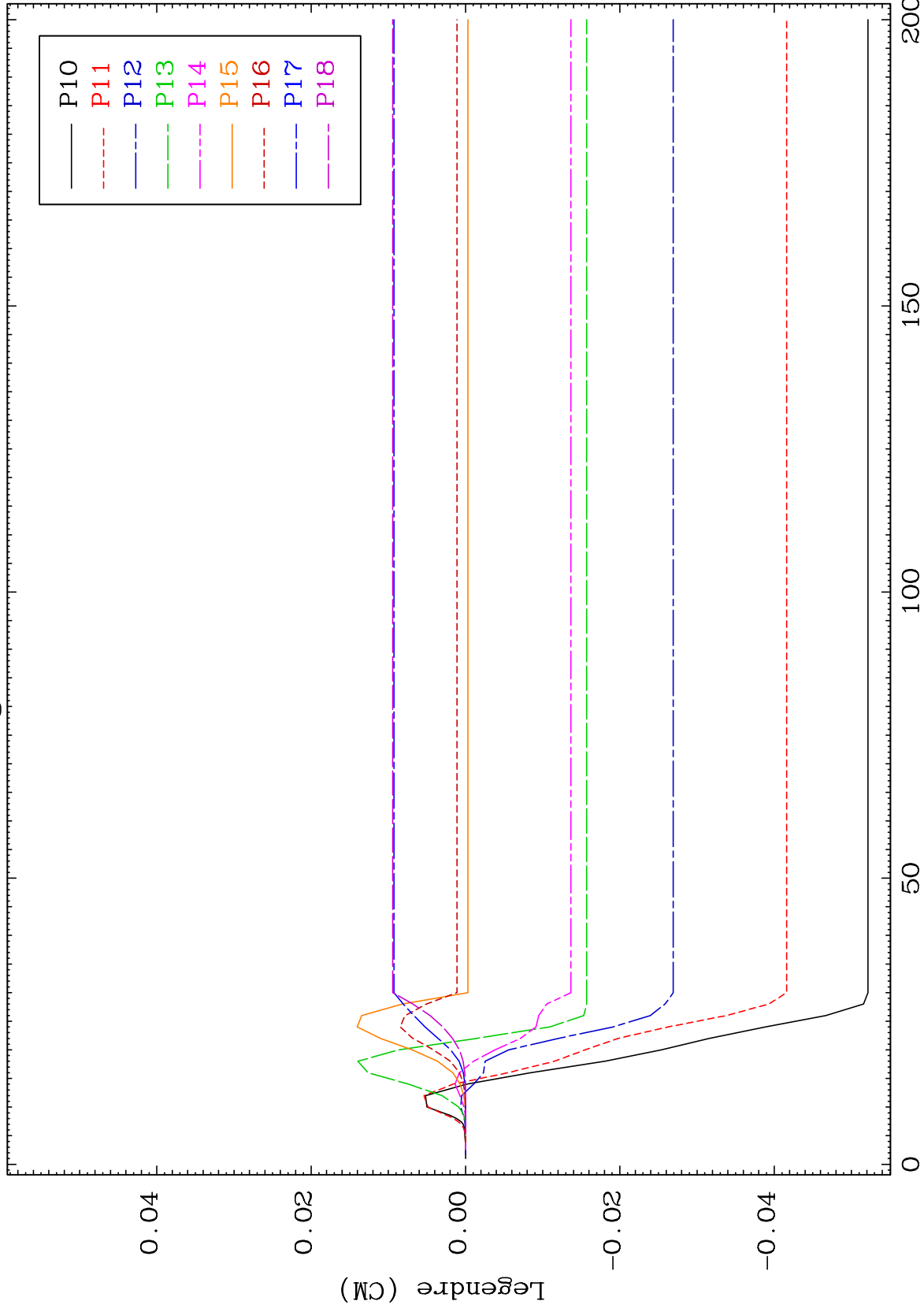
51-Sb-109



MAT 5089

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

51-Sb-109



21

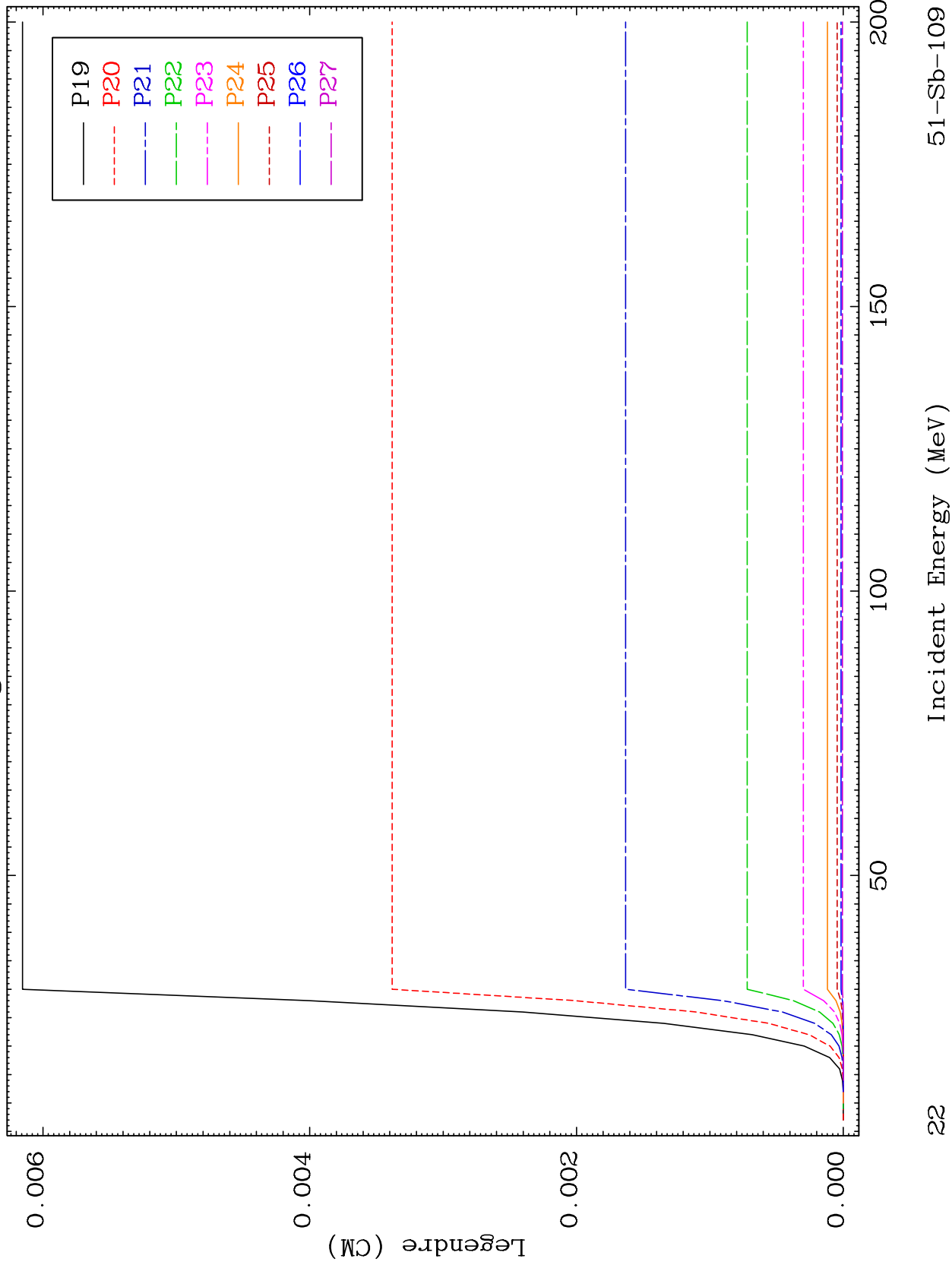
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109



22

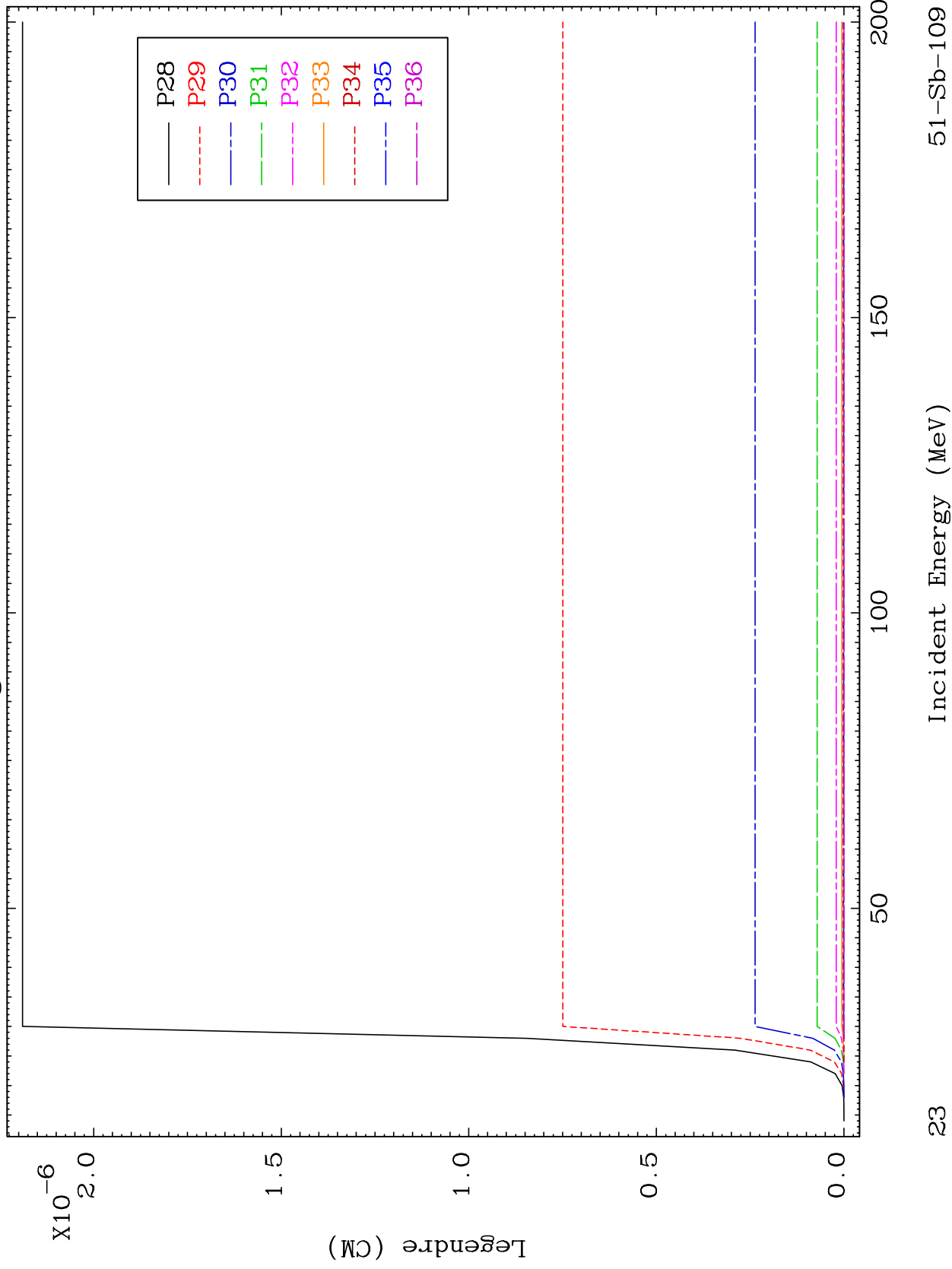
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109



23

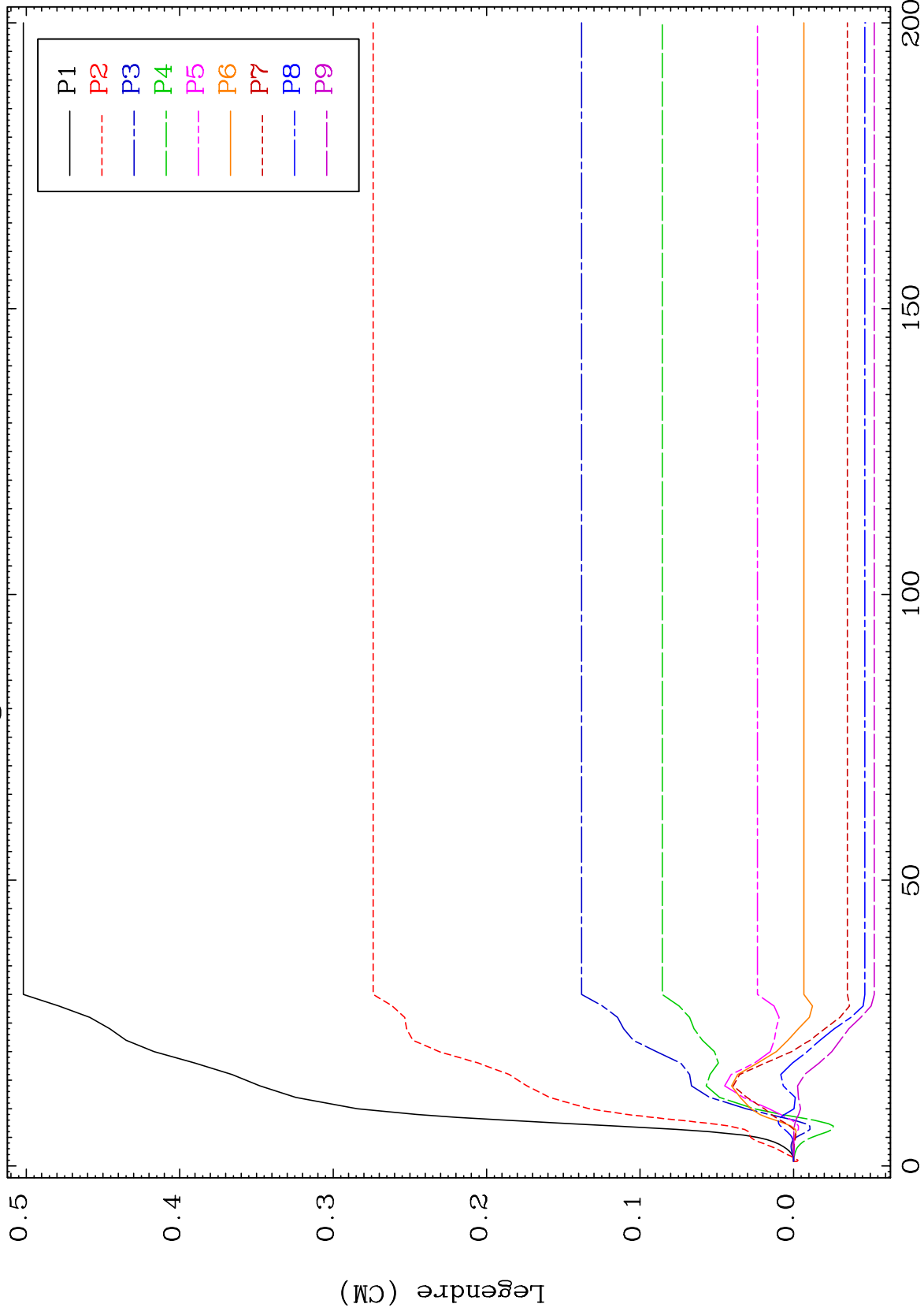
51-Sb-109



MAT 5089

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

51-Sb-109



24

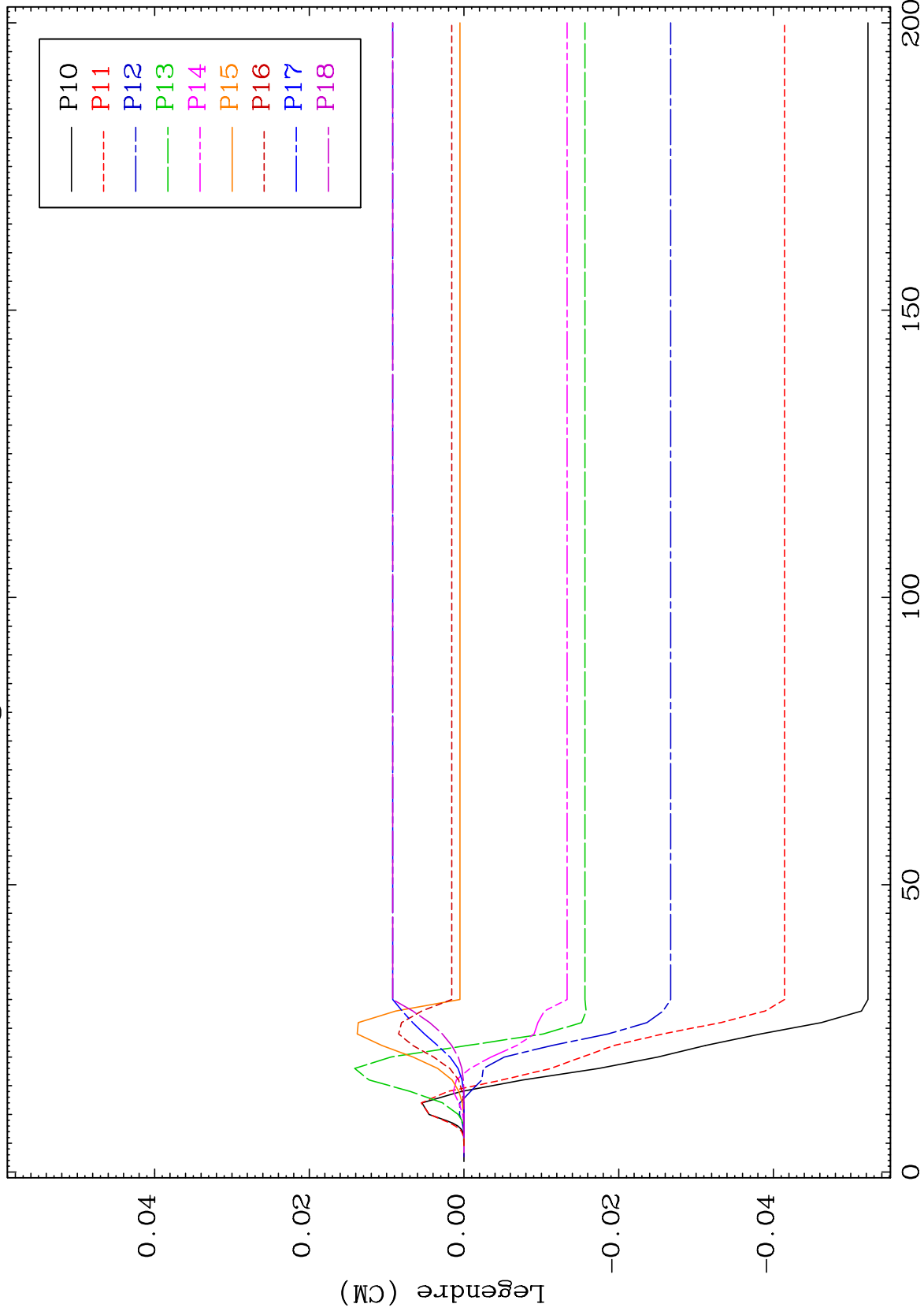
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

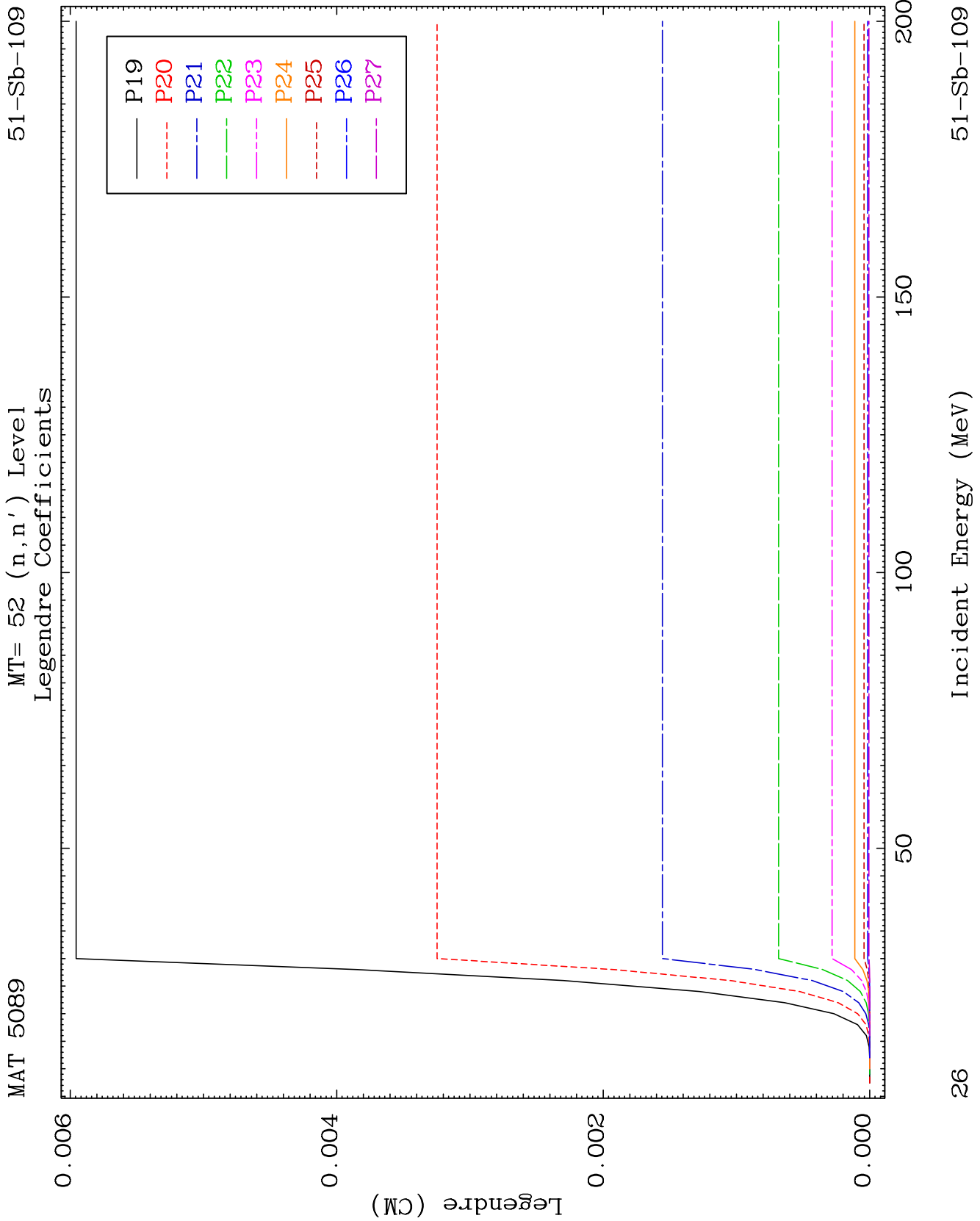
51-Sb-109



25

Incident Energy (MeV)

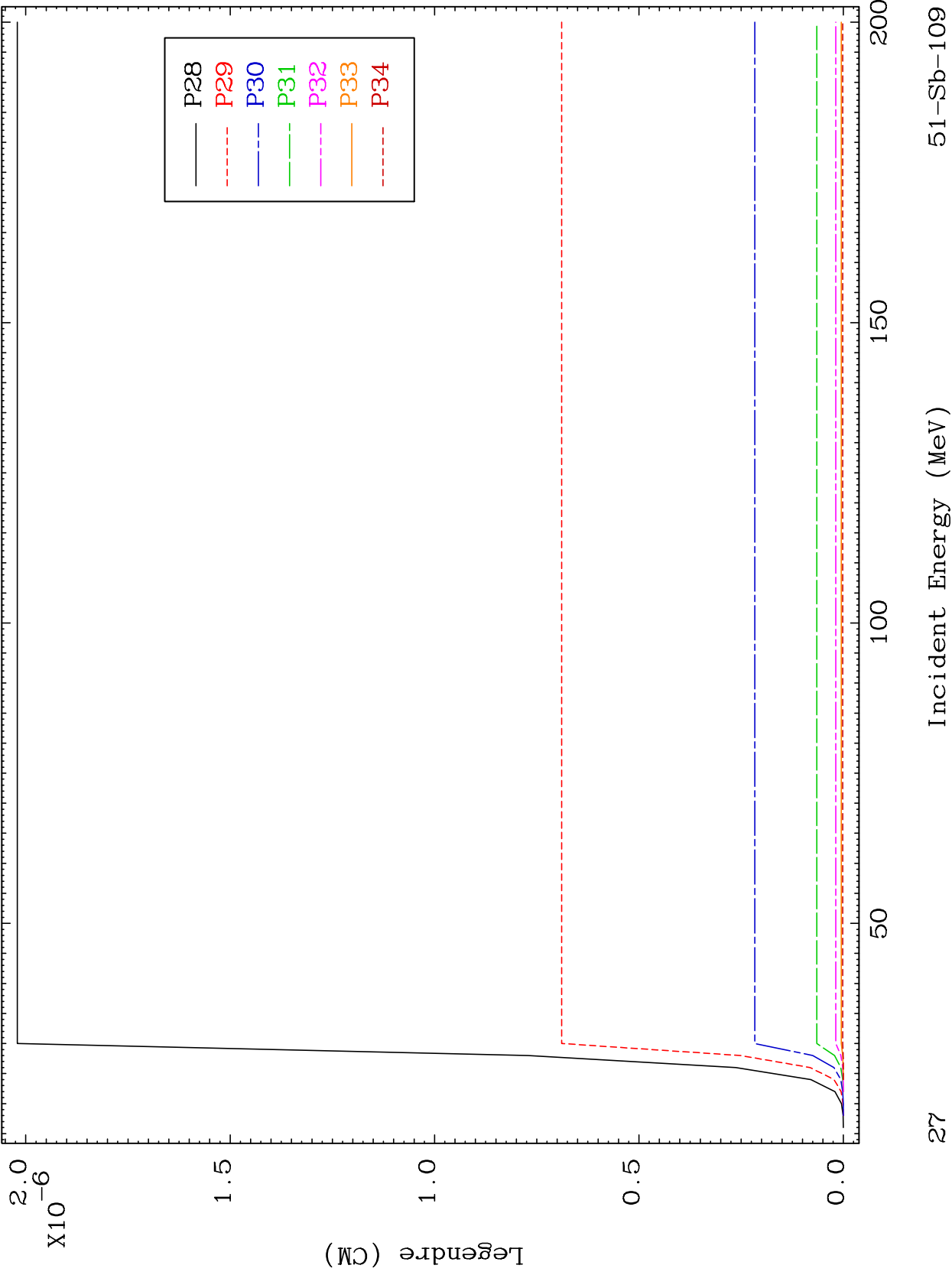
51-Sb-109



MAT 5089

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

51-Sb-109



27

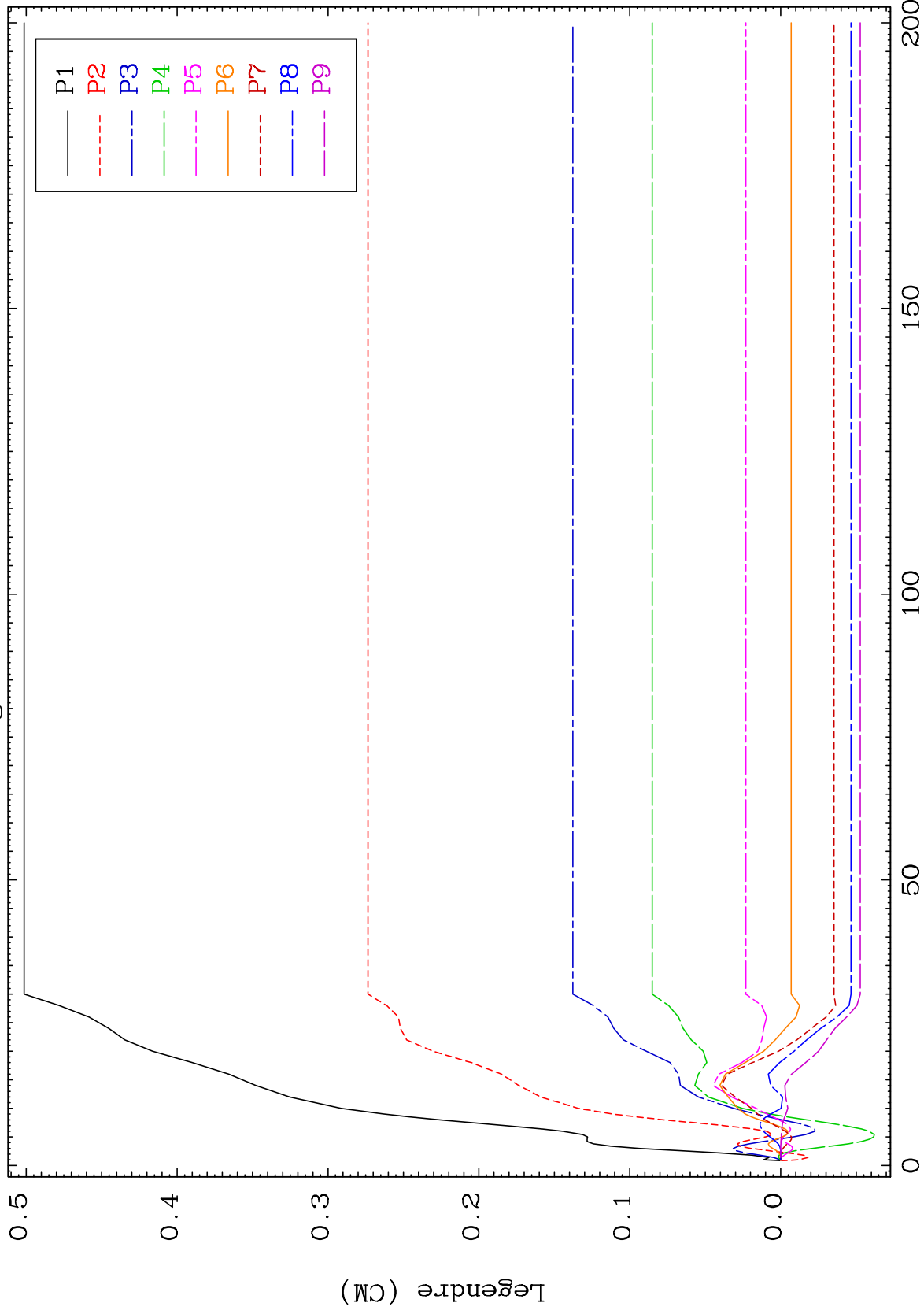
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109



51-Sb-109

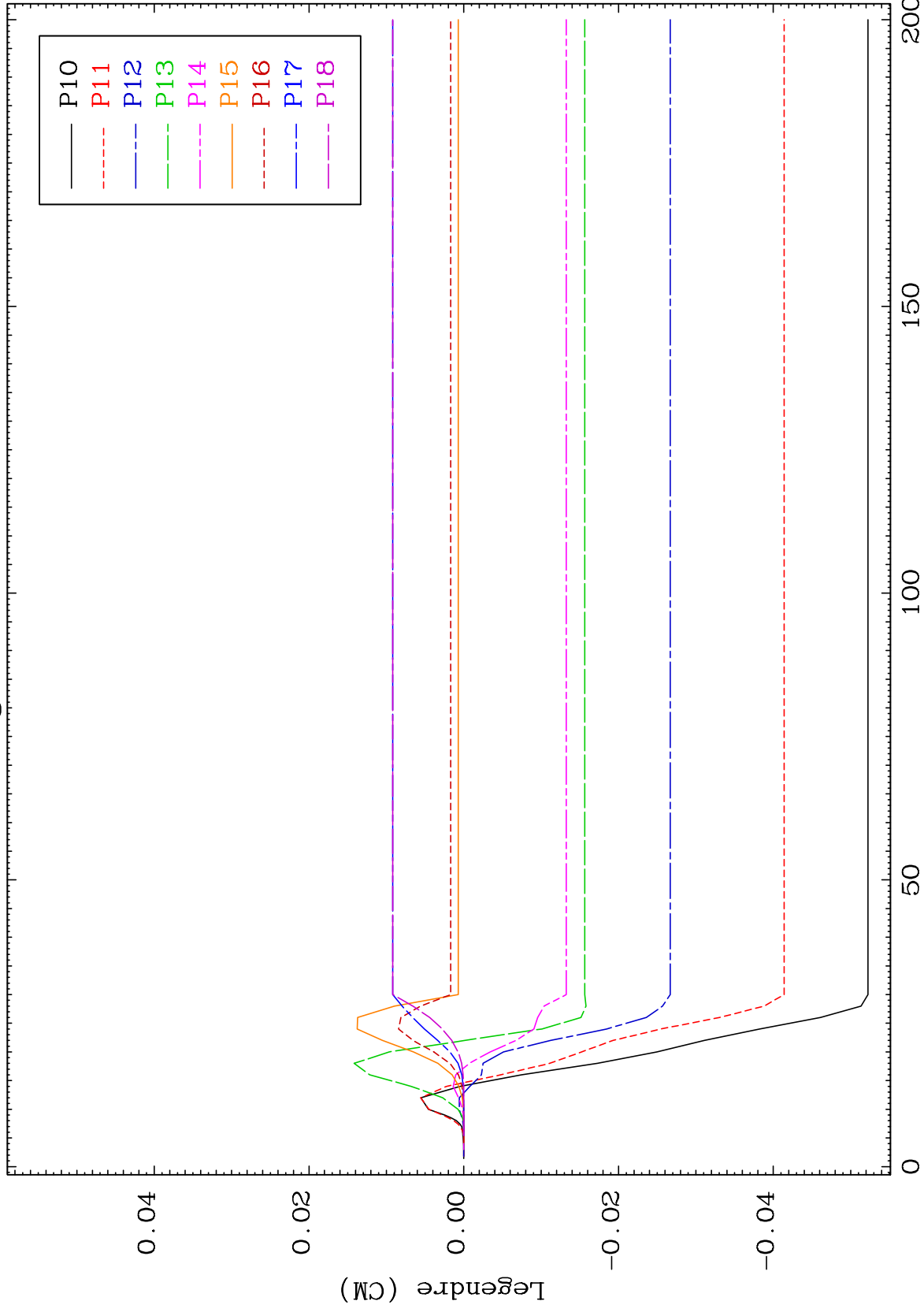
Incident Energy (MeV)

28

MAT 5089

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

51-Sb-109



29

Incident Energy (MeV)

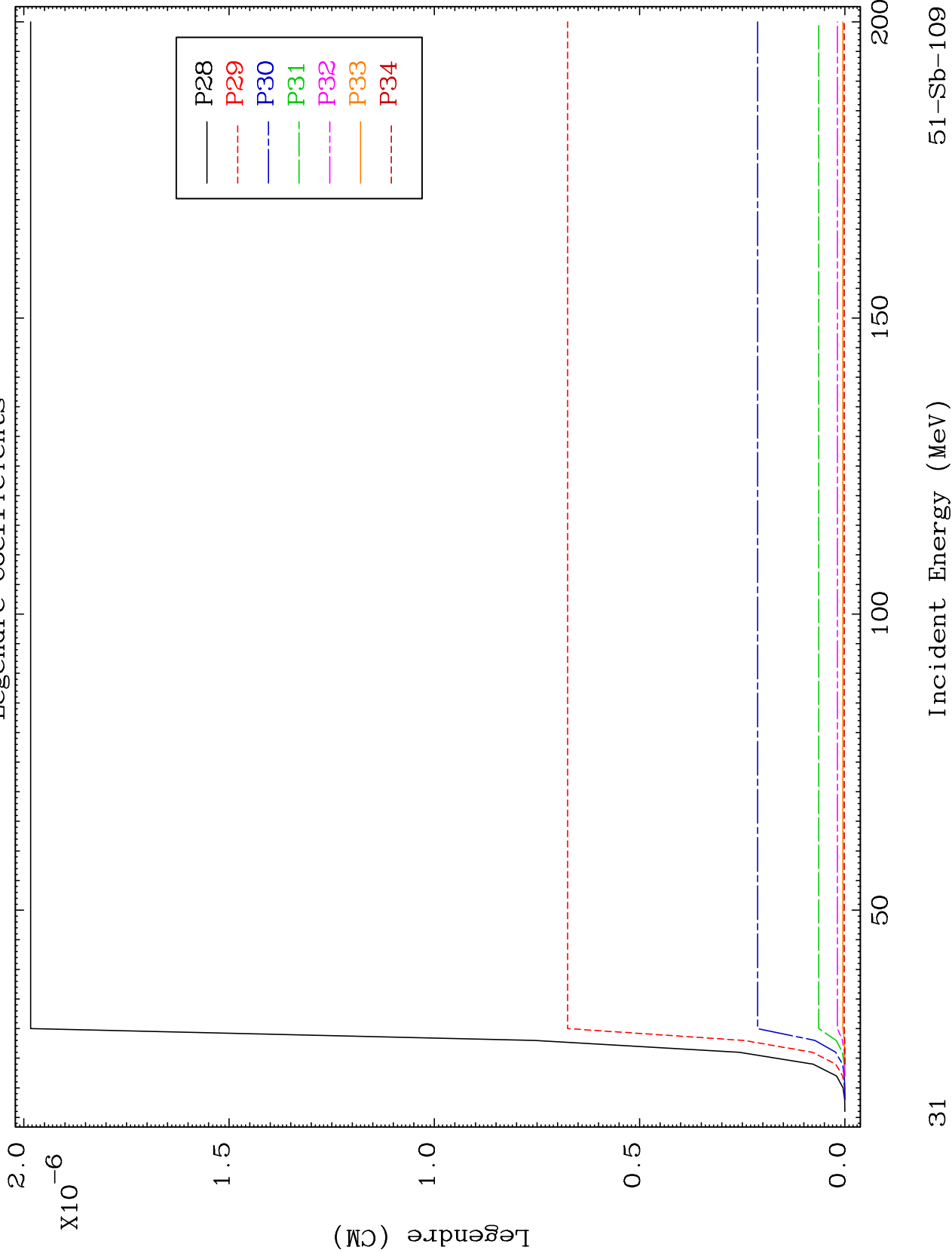
51-Sb-109



MAT 5089

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

51-Sb-109



31

Incident Energy (MeV)

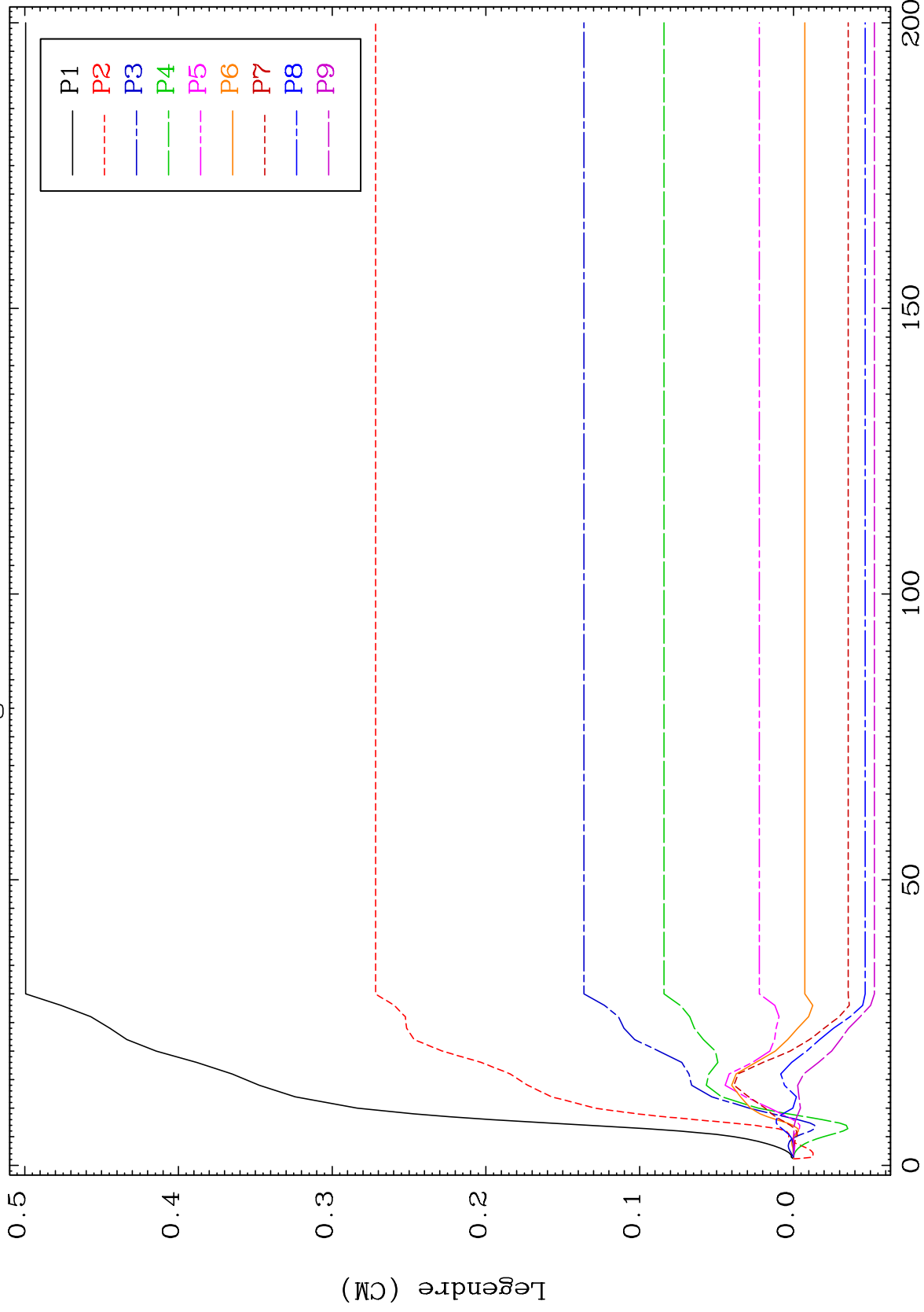
51-Sb-109



MAT 5089

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

51-Sb-109



51-Sb-109

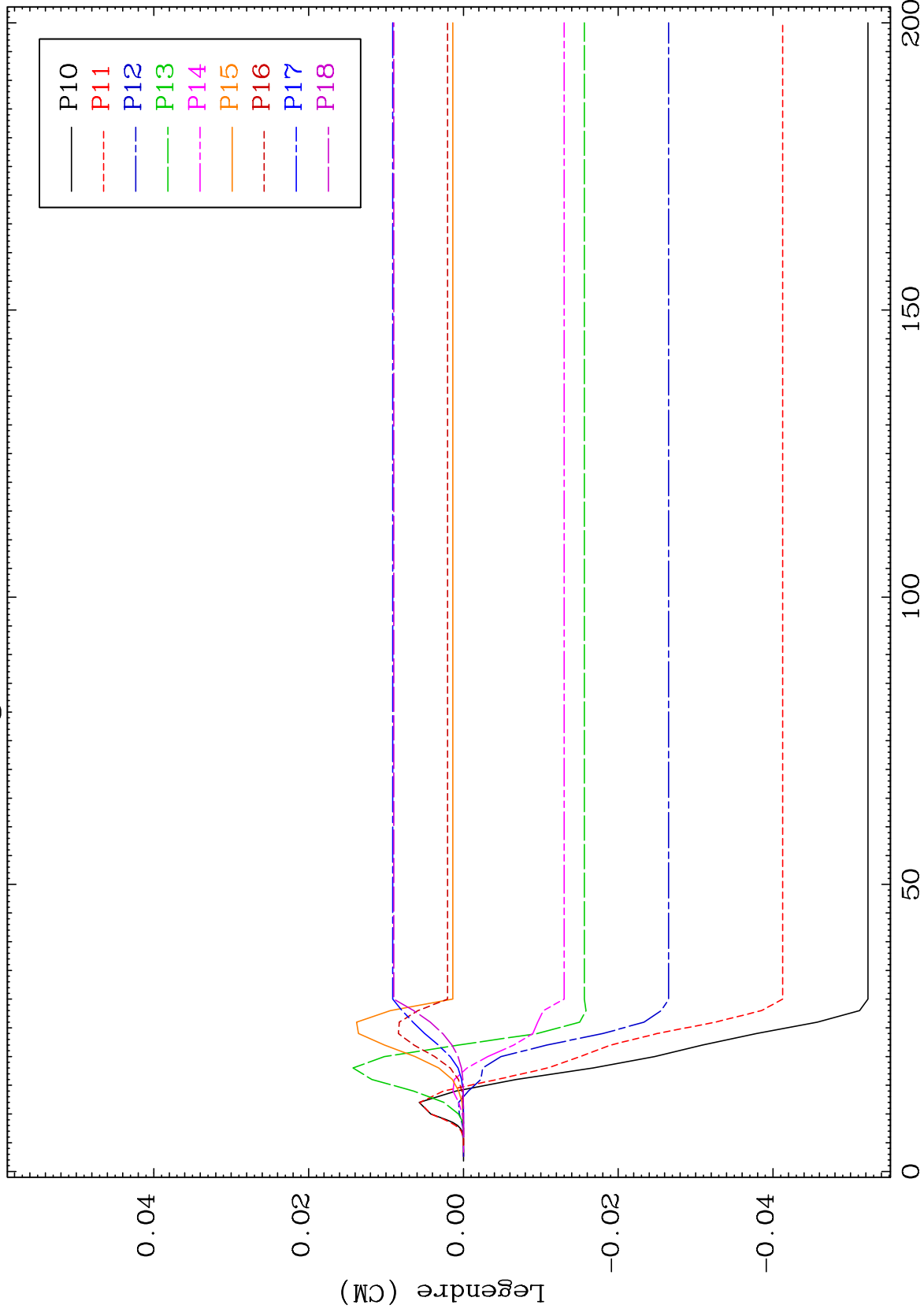
Incident Energy (MeV)

32

MAT 5089

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

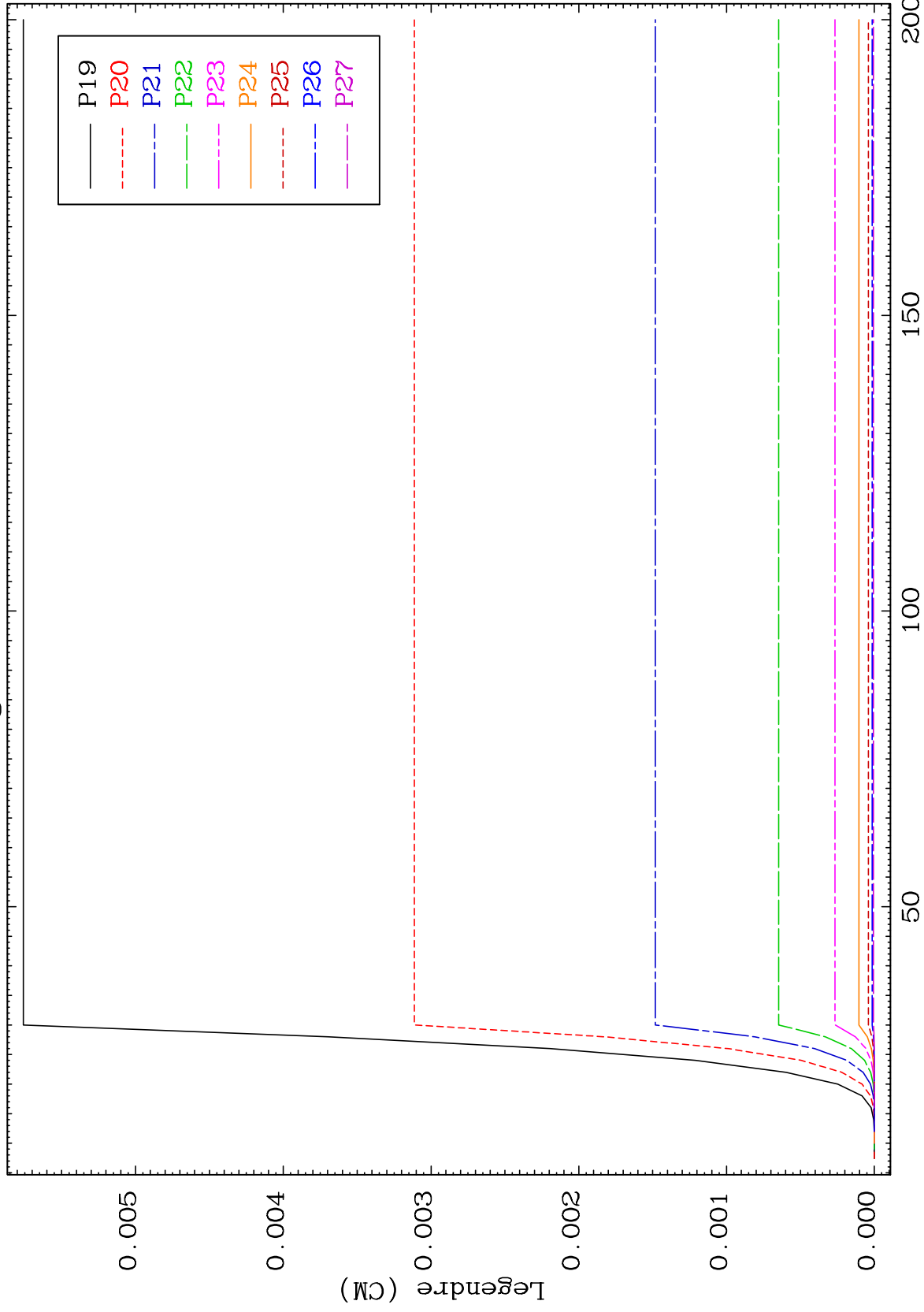
51-Sb-109



33

Incident Energy (MeV)

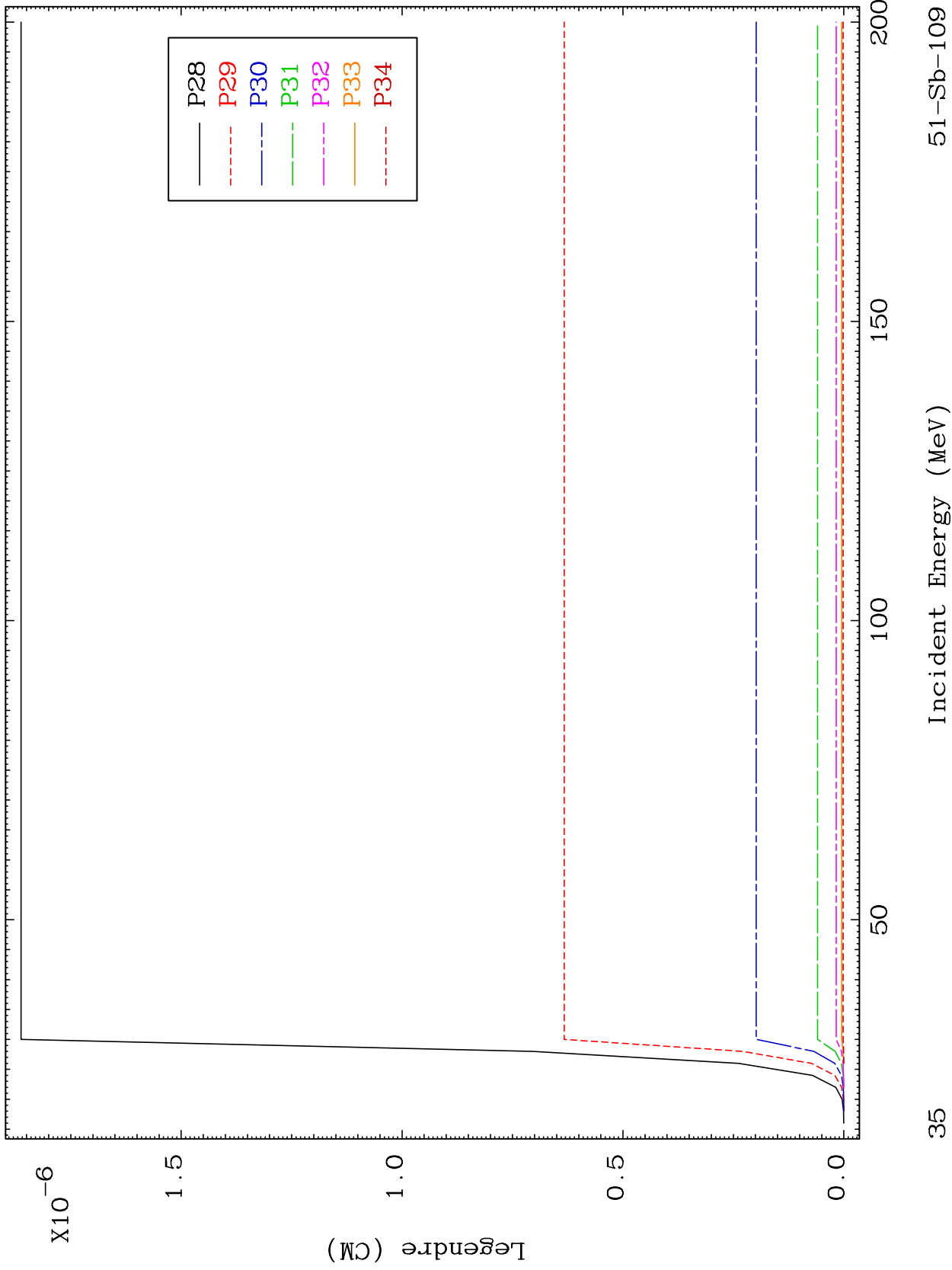
51-Sb-109



MAT 5089

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

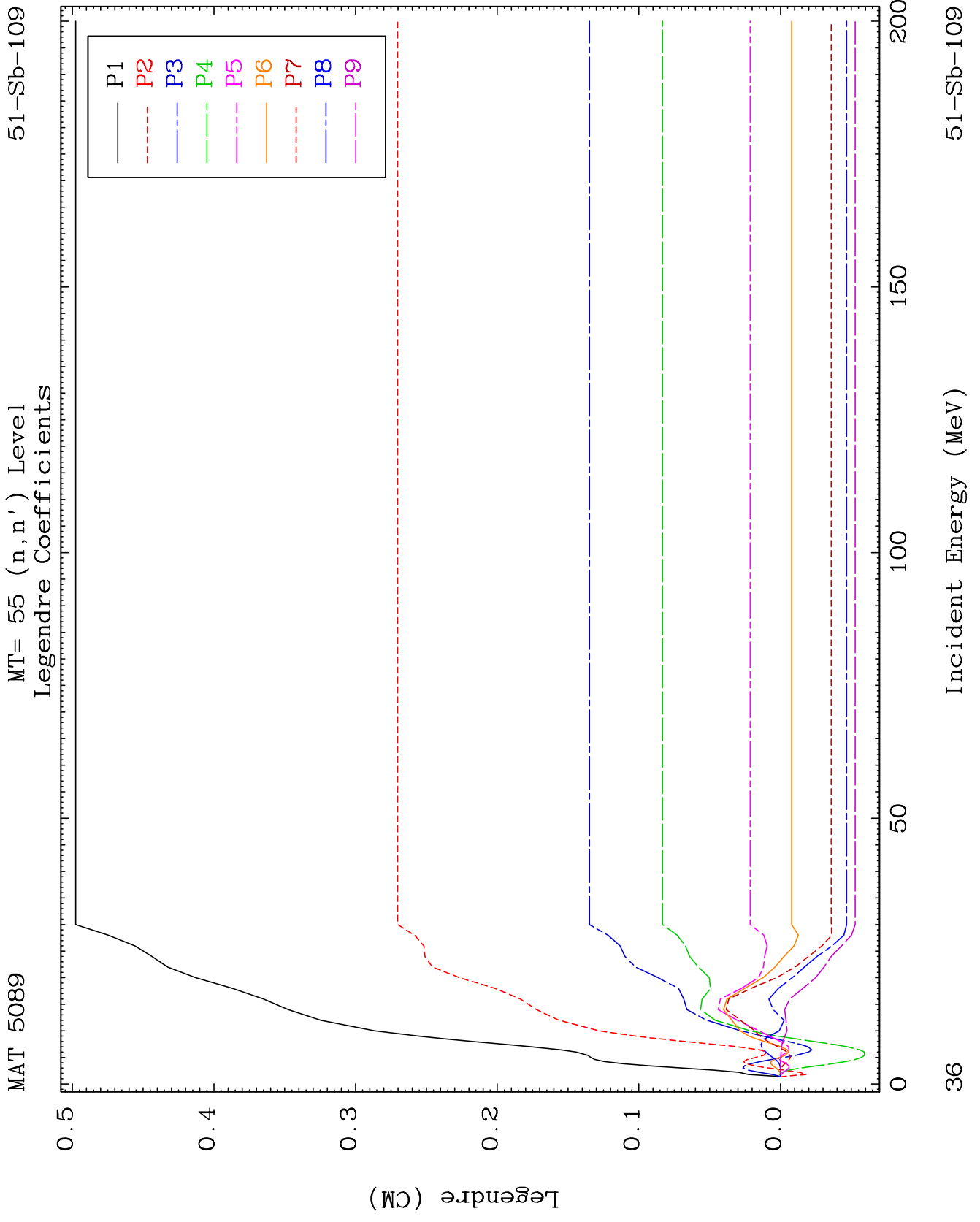
51-Sb-109



35

Incident Energy (MeV)

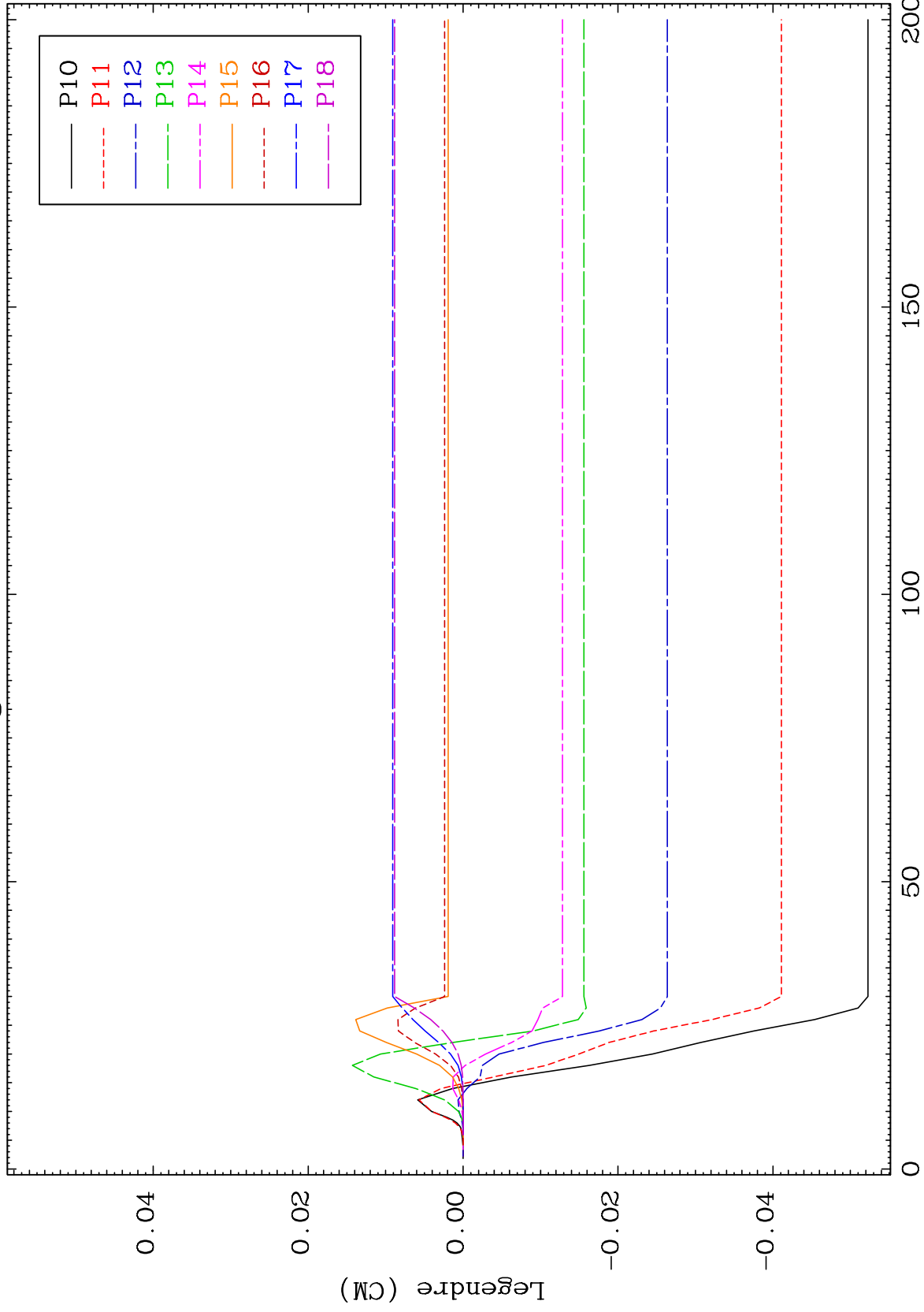
51-Sb-109



MAT 5089

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

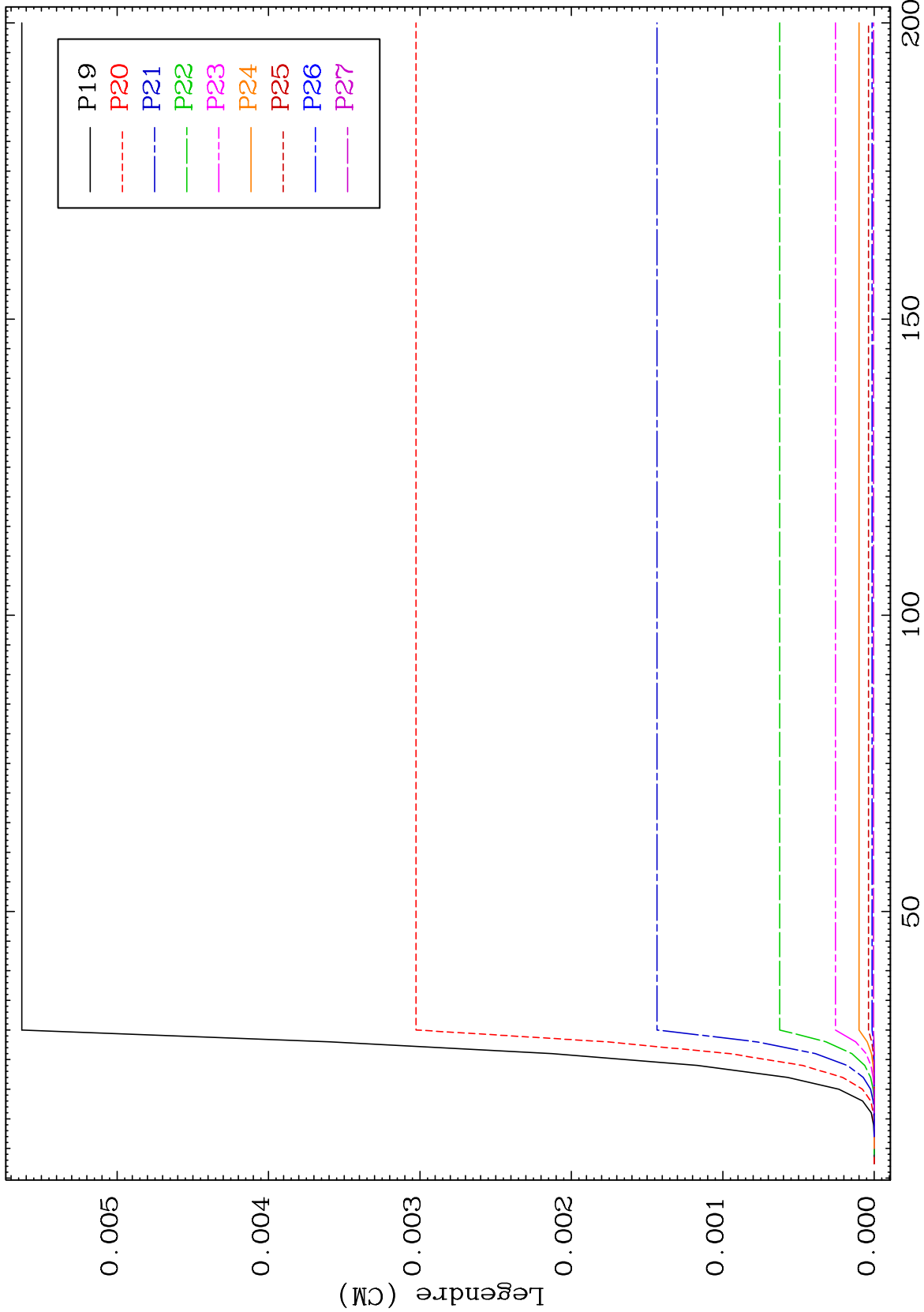
51-Sb-109



37

Incident Energy (MeV)

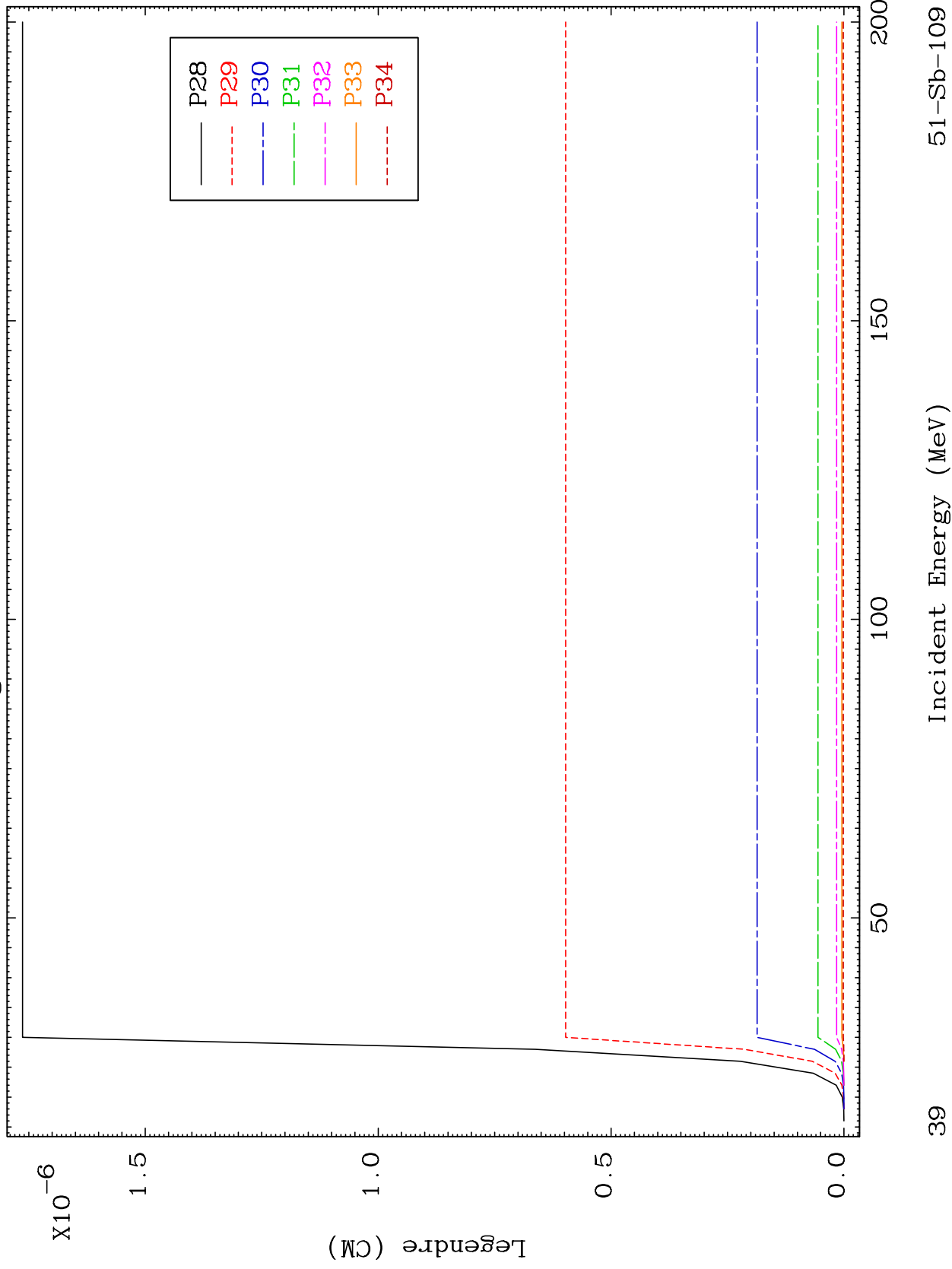
51-Sb-109



MAT 5089

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

51-Sb-109



39

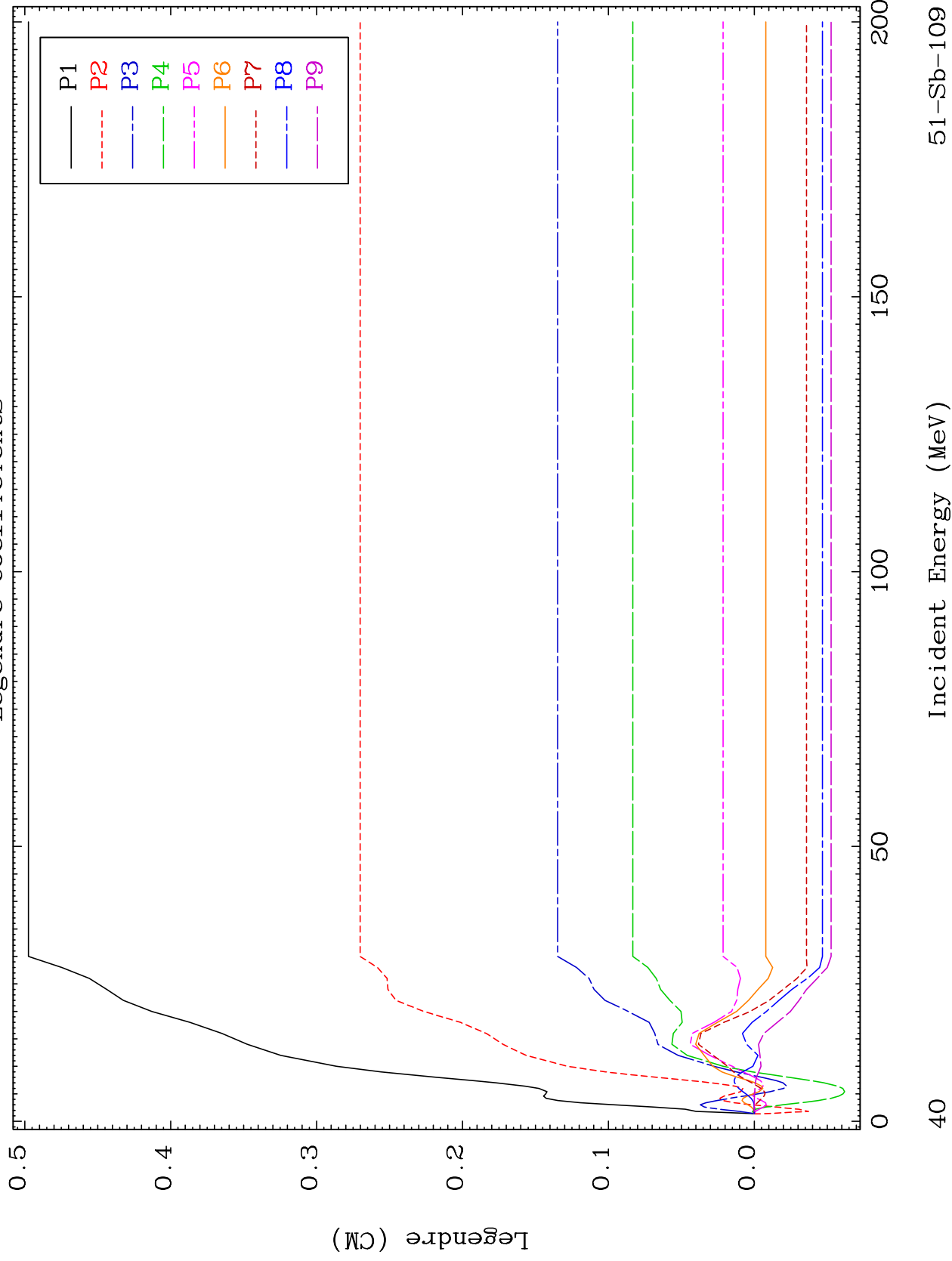
51-Sb-109



MAT 5089

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

51-Sb-109



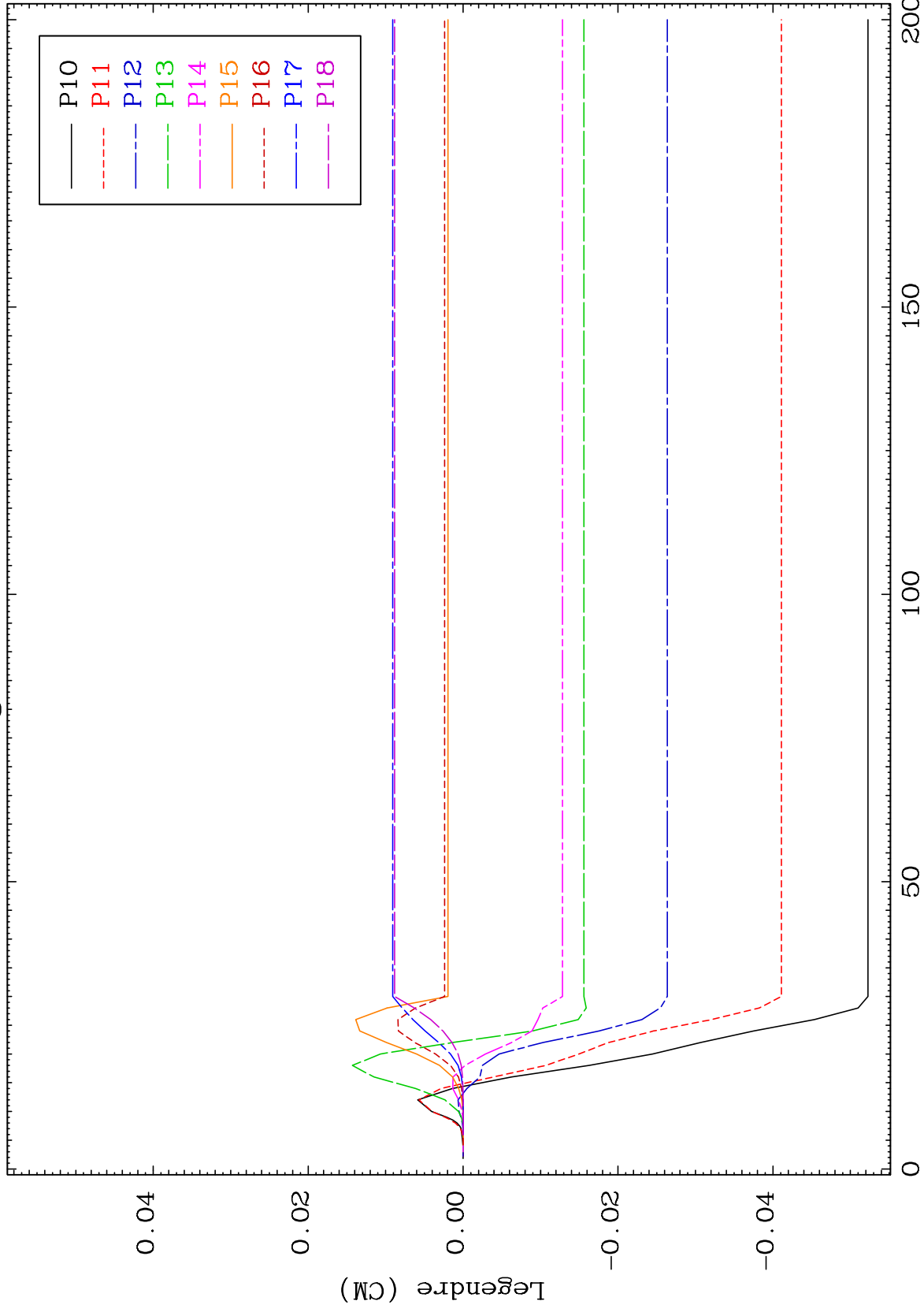
51-Sb-109

Incident Energy (MeV)

MAT 5089

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

51-Sb-109



41

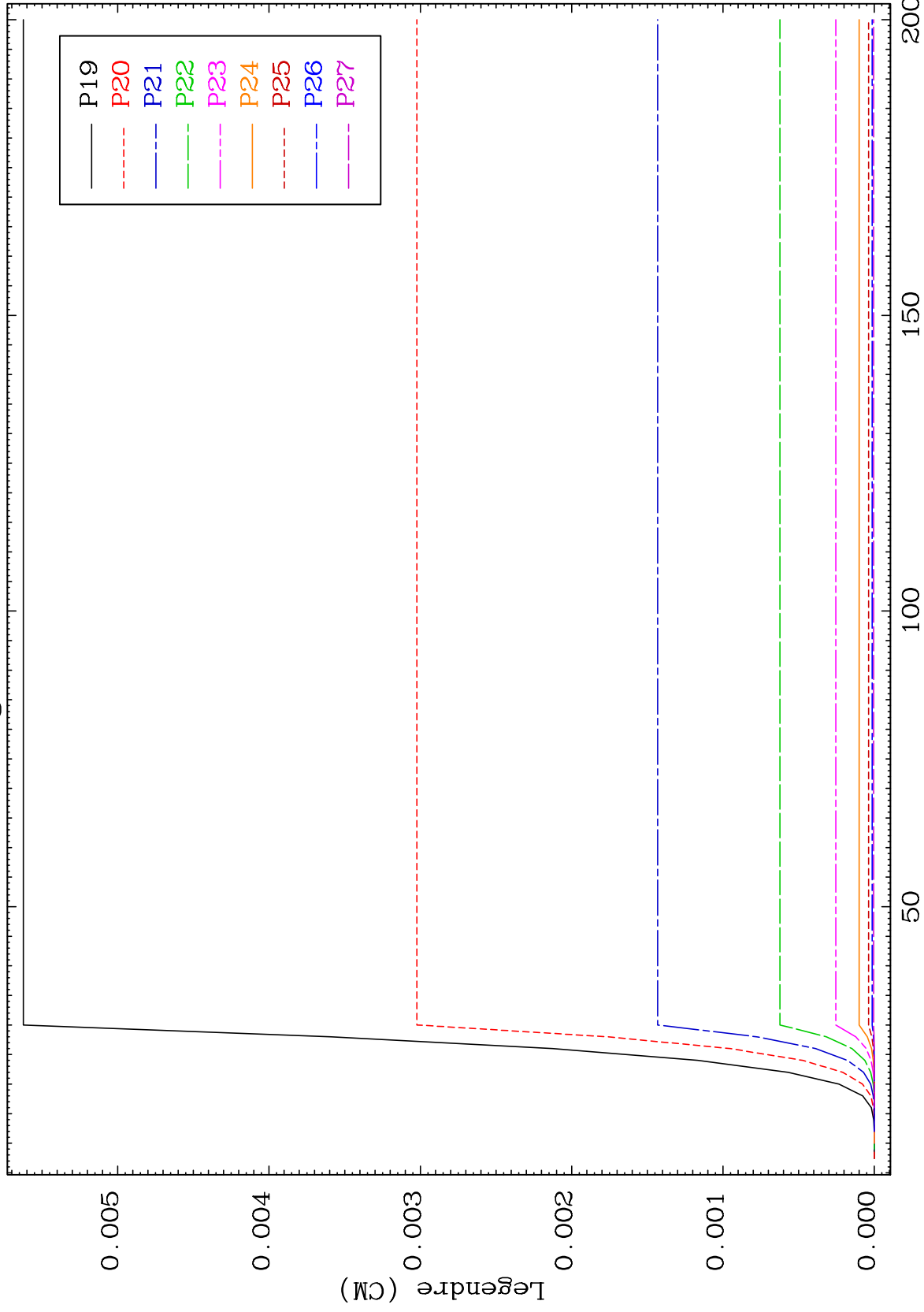
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109



42

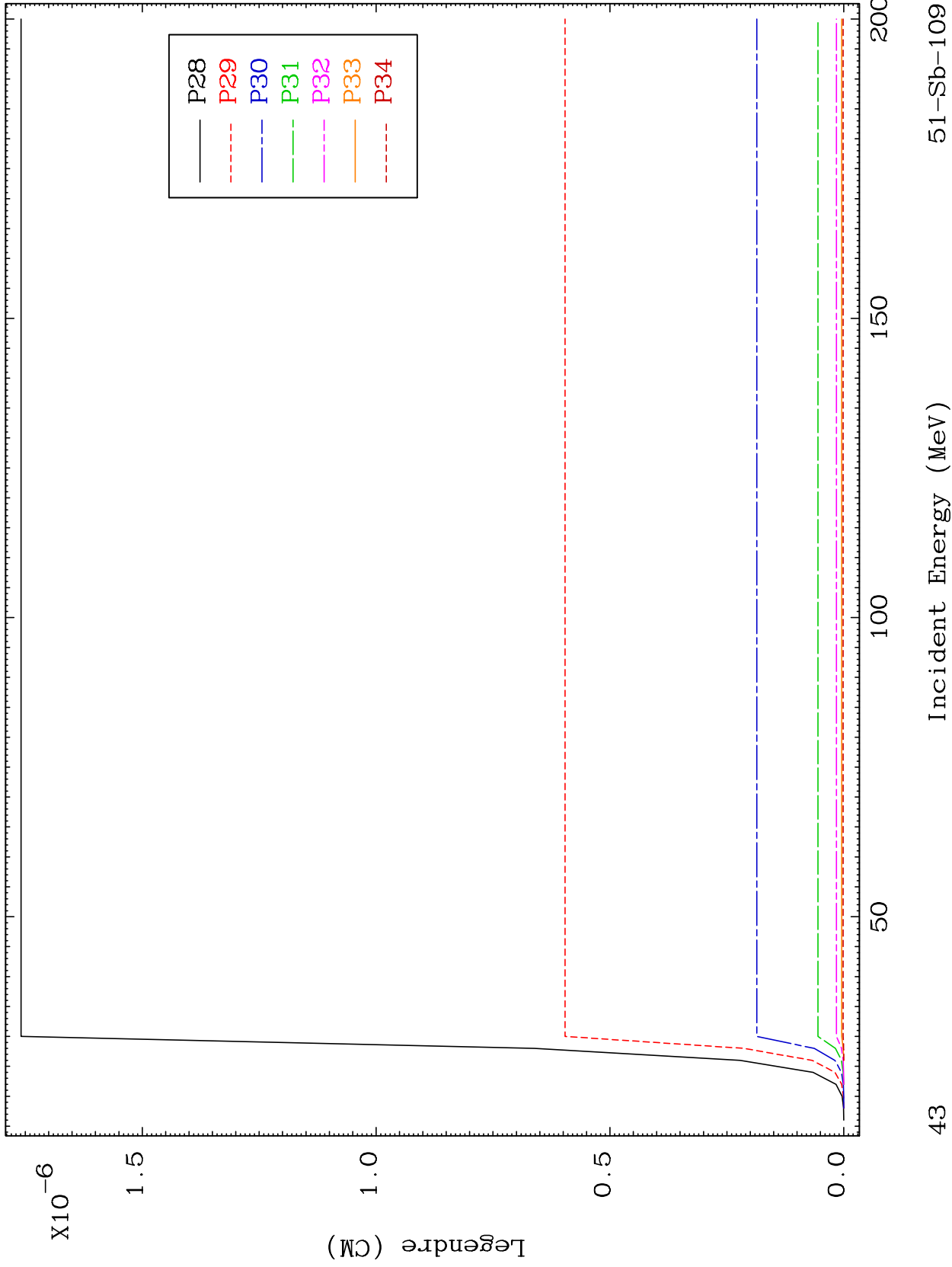
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109



43

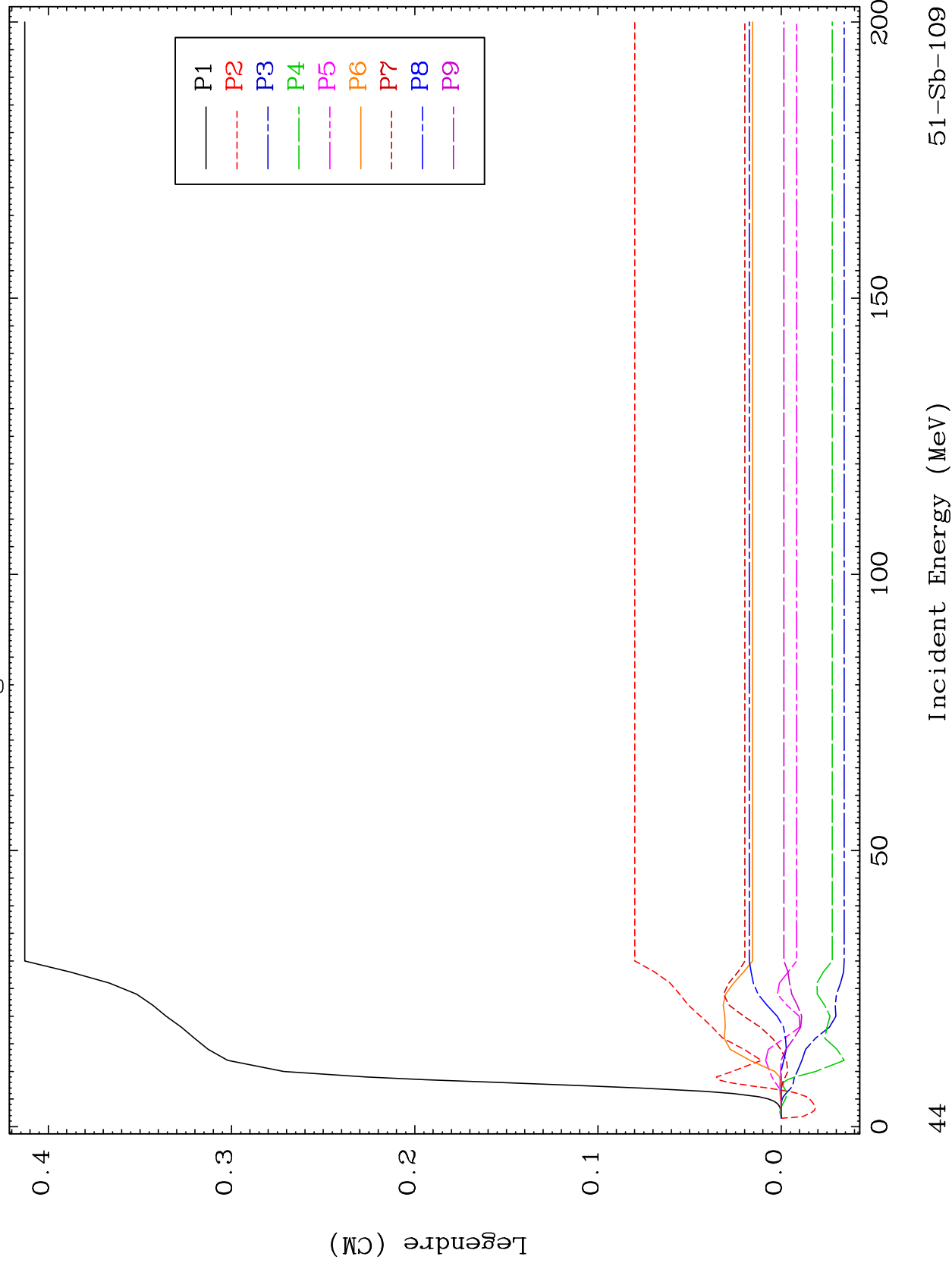
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109

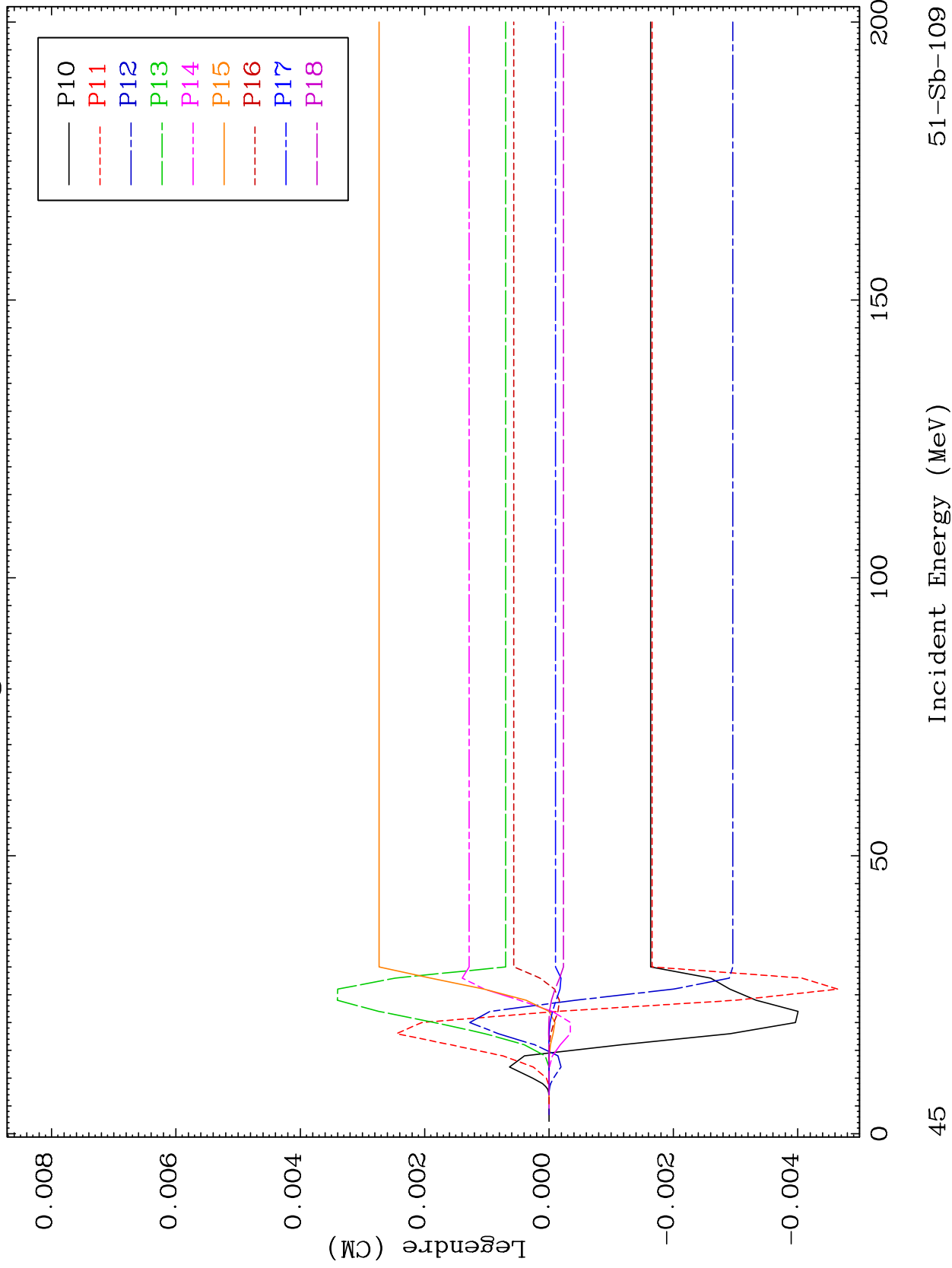


44

MAT 5089

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

51-Sb-109



51-Sb-109

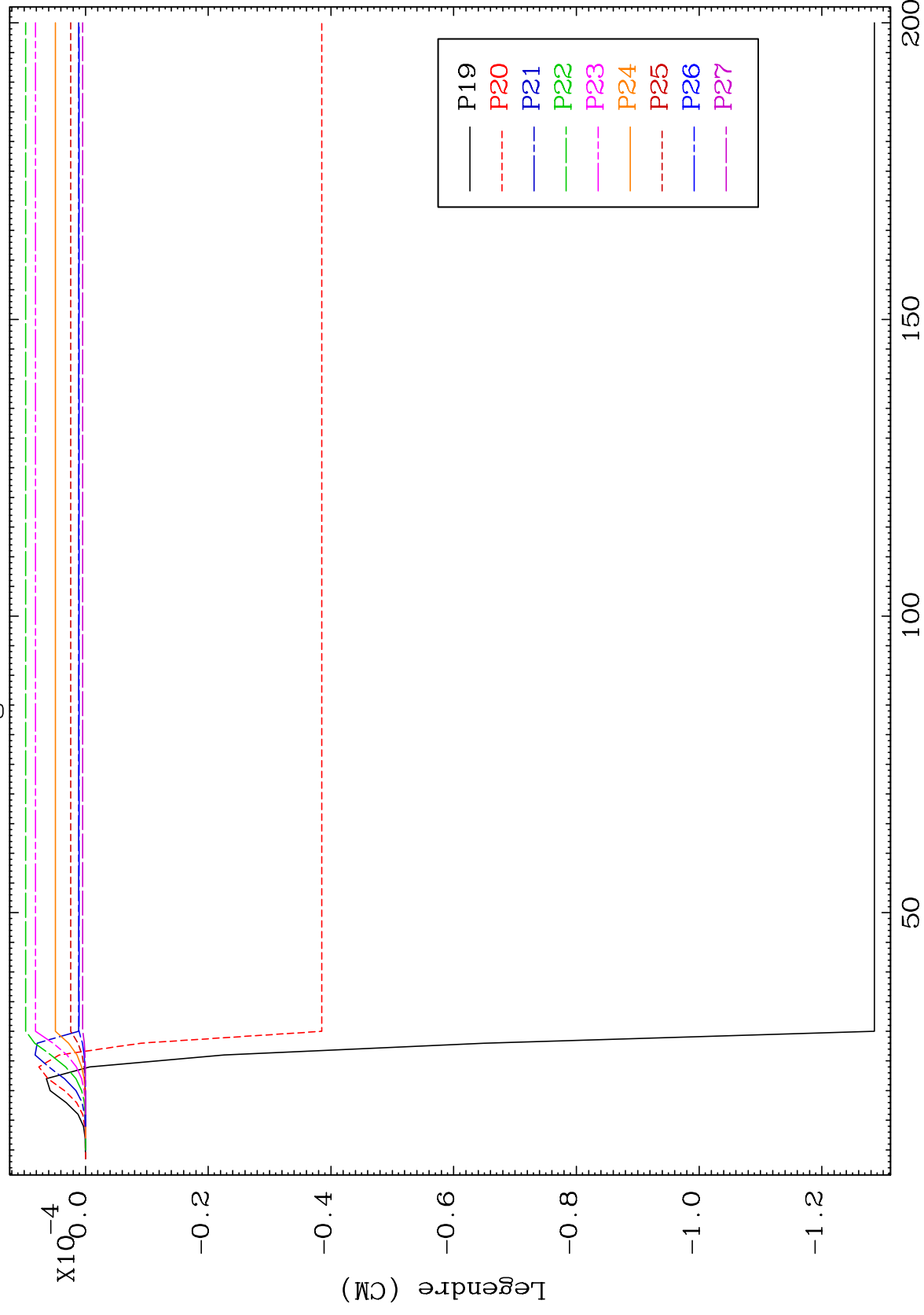
Incident Energy (MeV)

45

MAT 5089

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

51-Sb-109



46

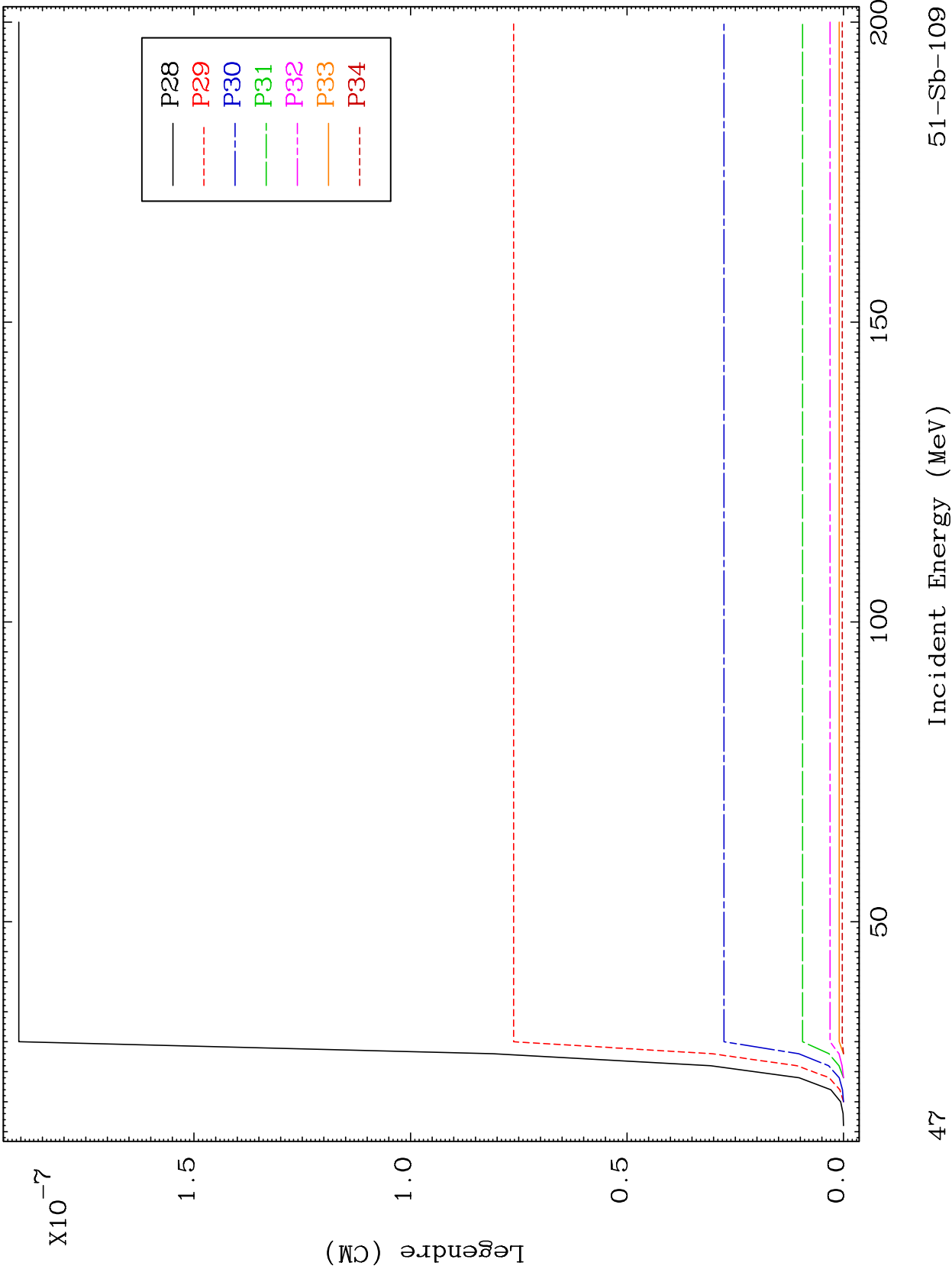
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109

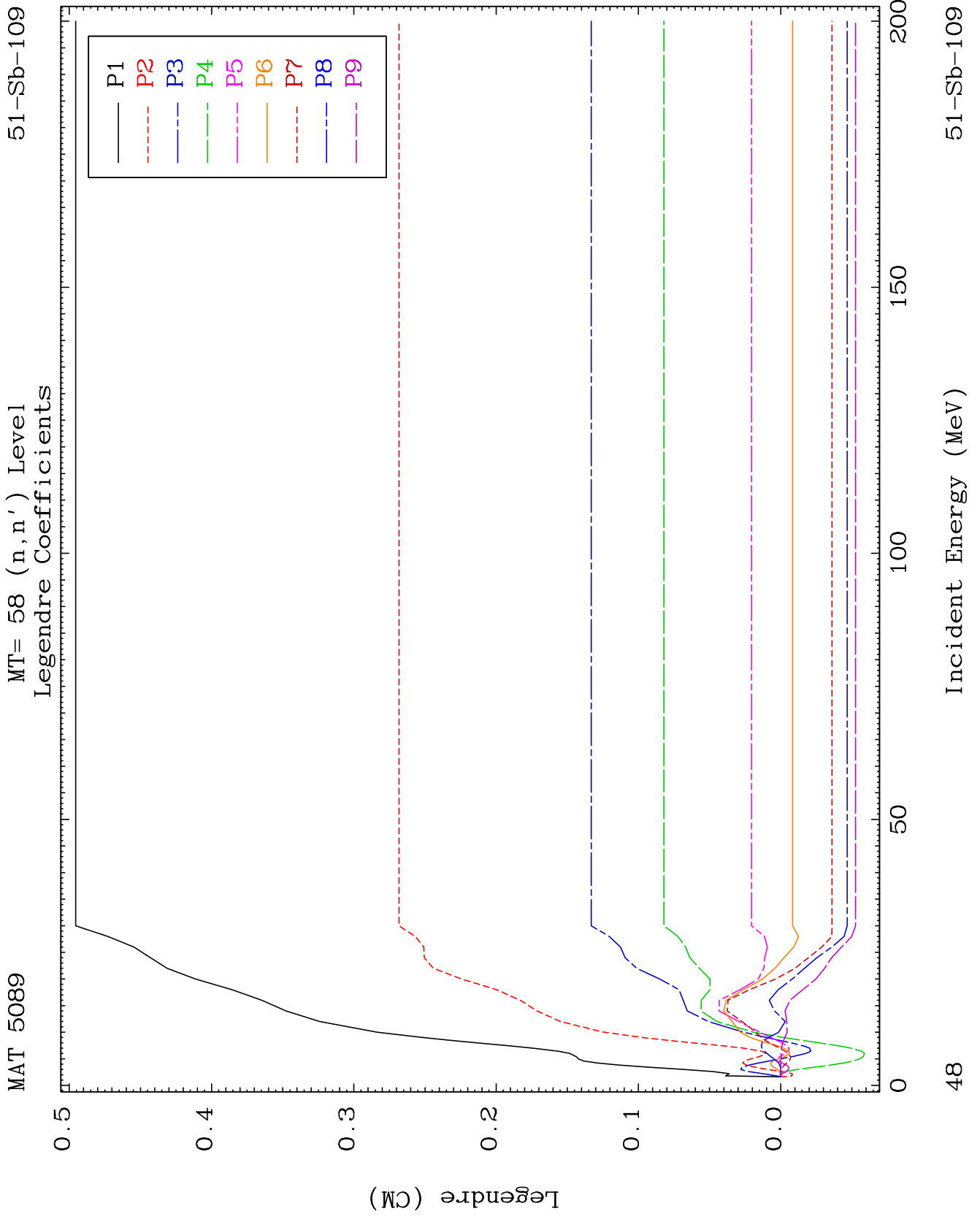


47

Incident Energy (MeV)

51-Sb-109

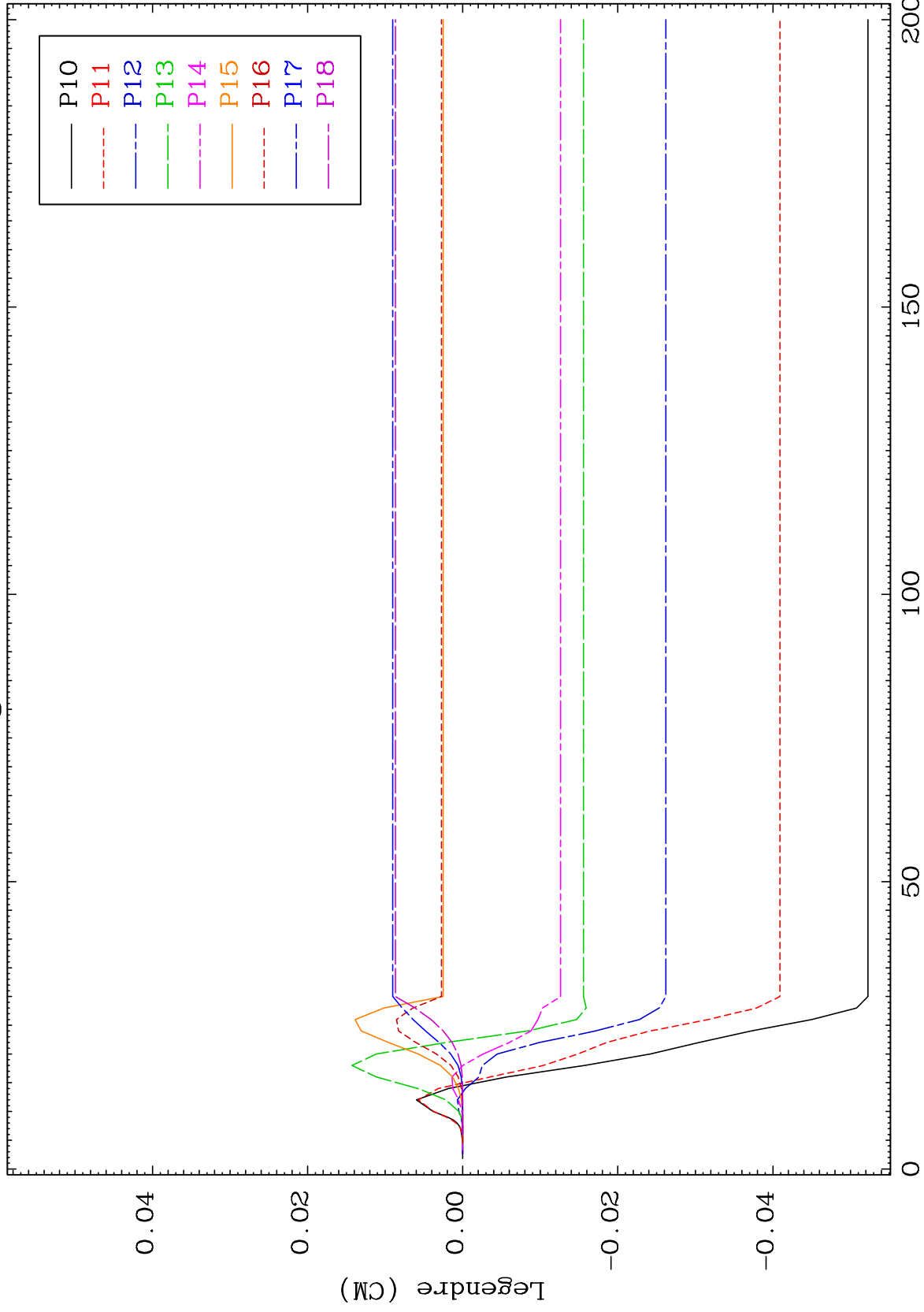




MAT 5089

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

51-Sb-109



49

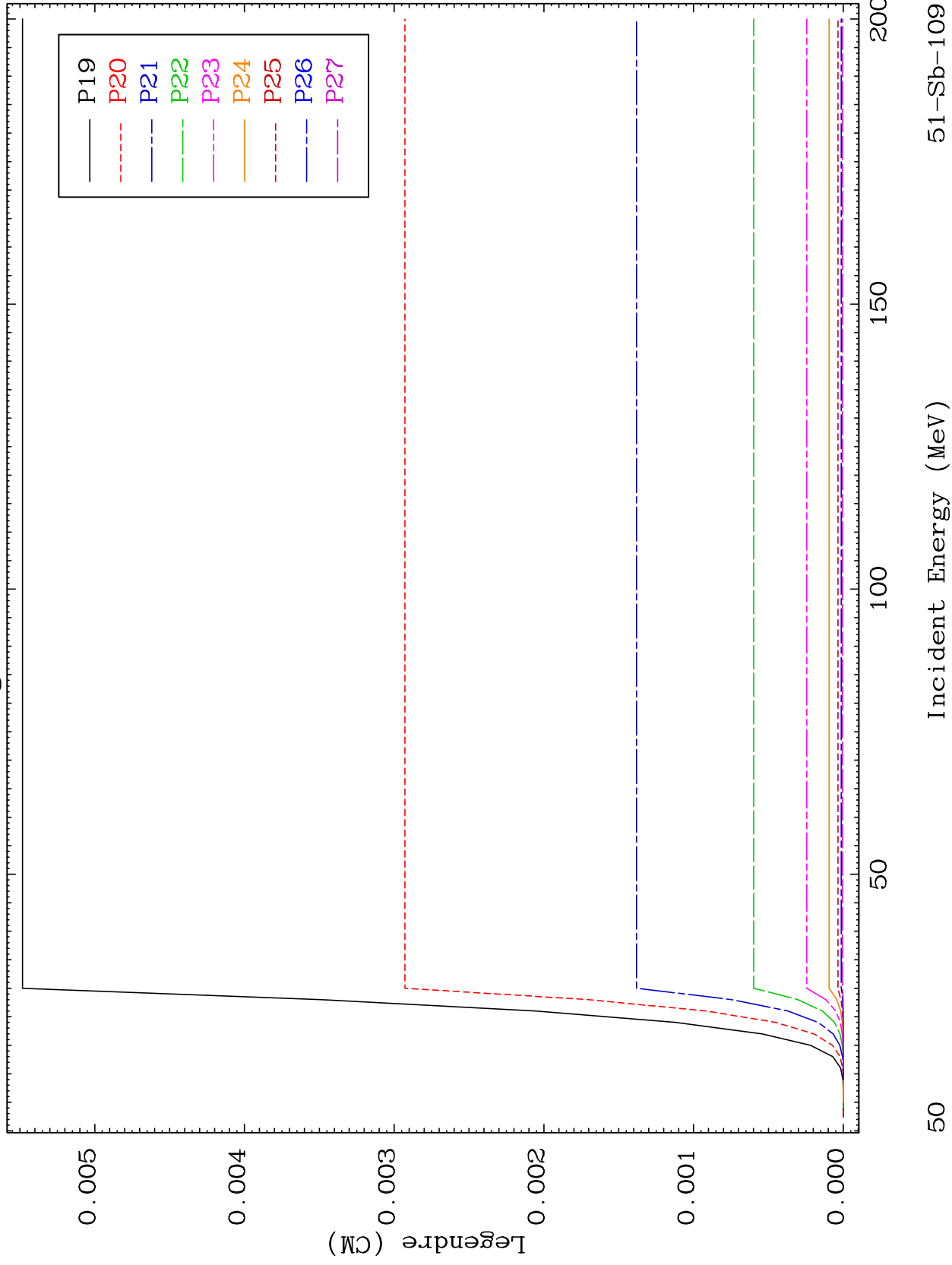
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

51-Sb-109



51-Sb-109

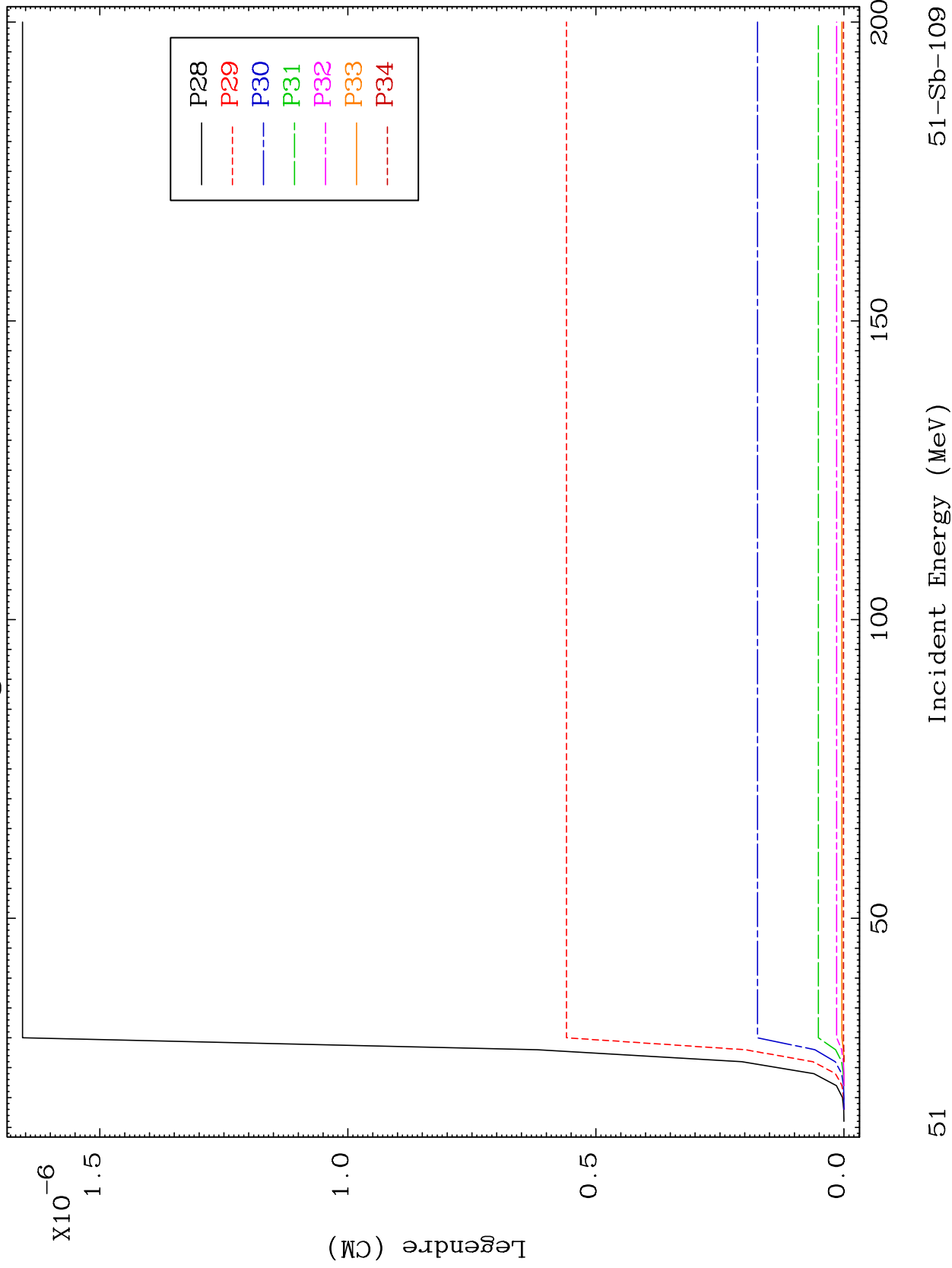
Incident Energy (MeV)

50

MAT 5089

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

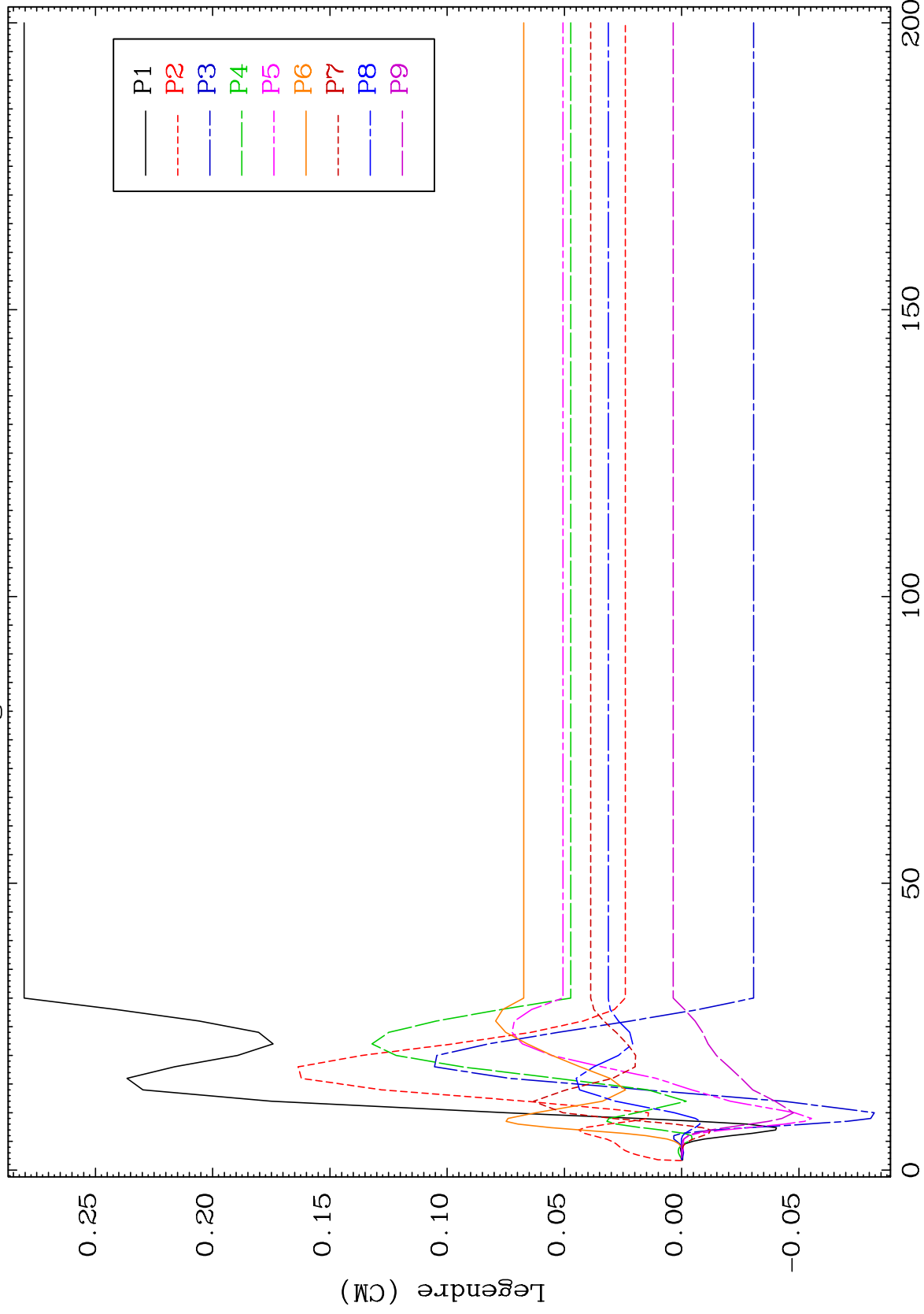
51-Sb-109



MAT 5089

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

51-Sb-109



52

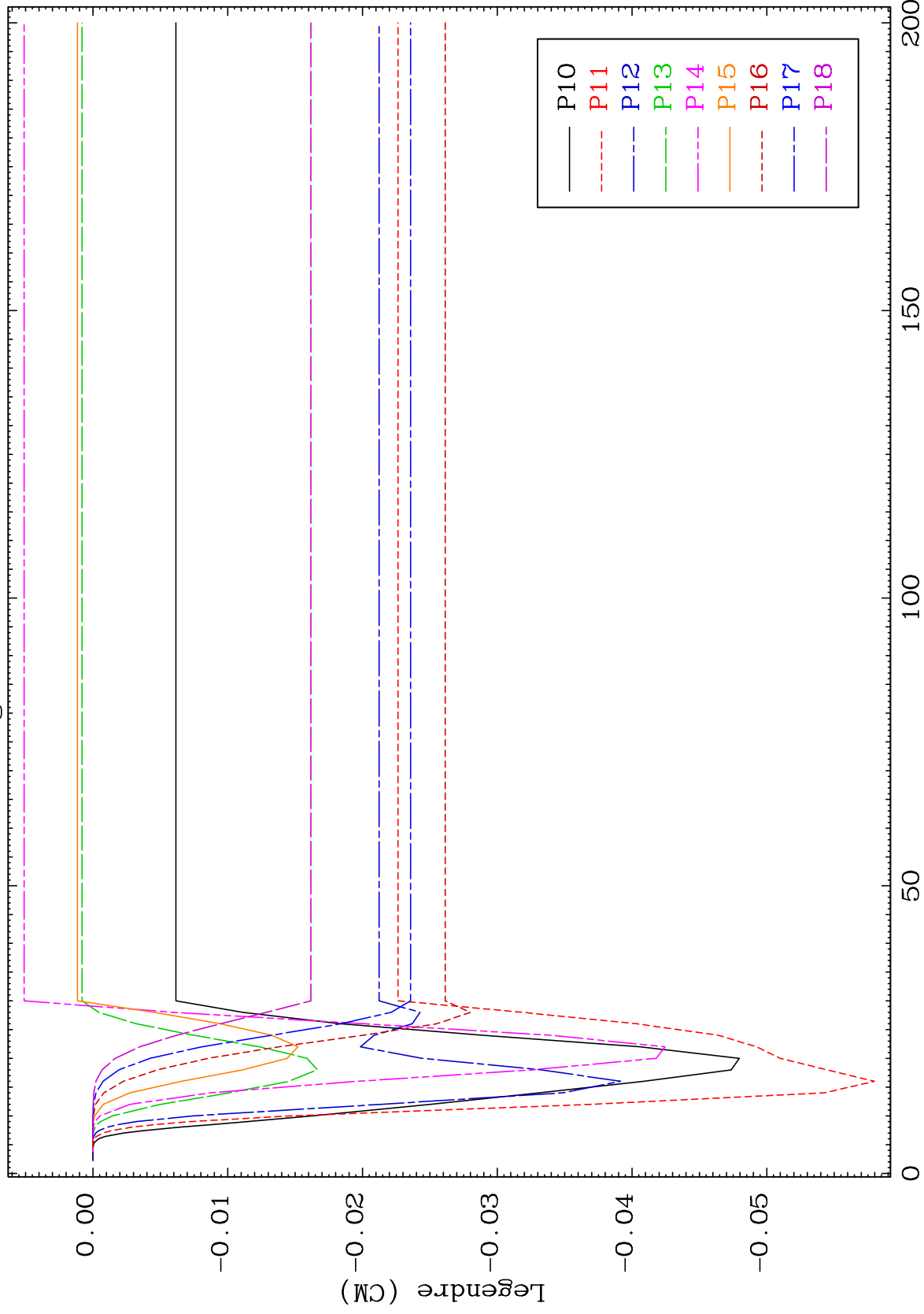
Incident Energy (MeV)

51-Sb-109

MAT 5089

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

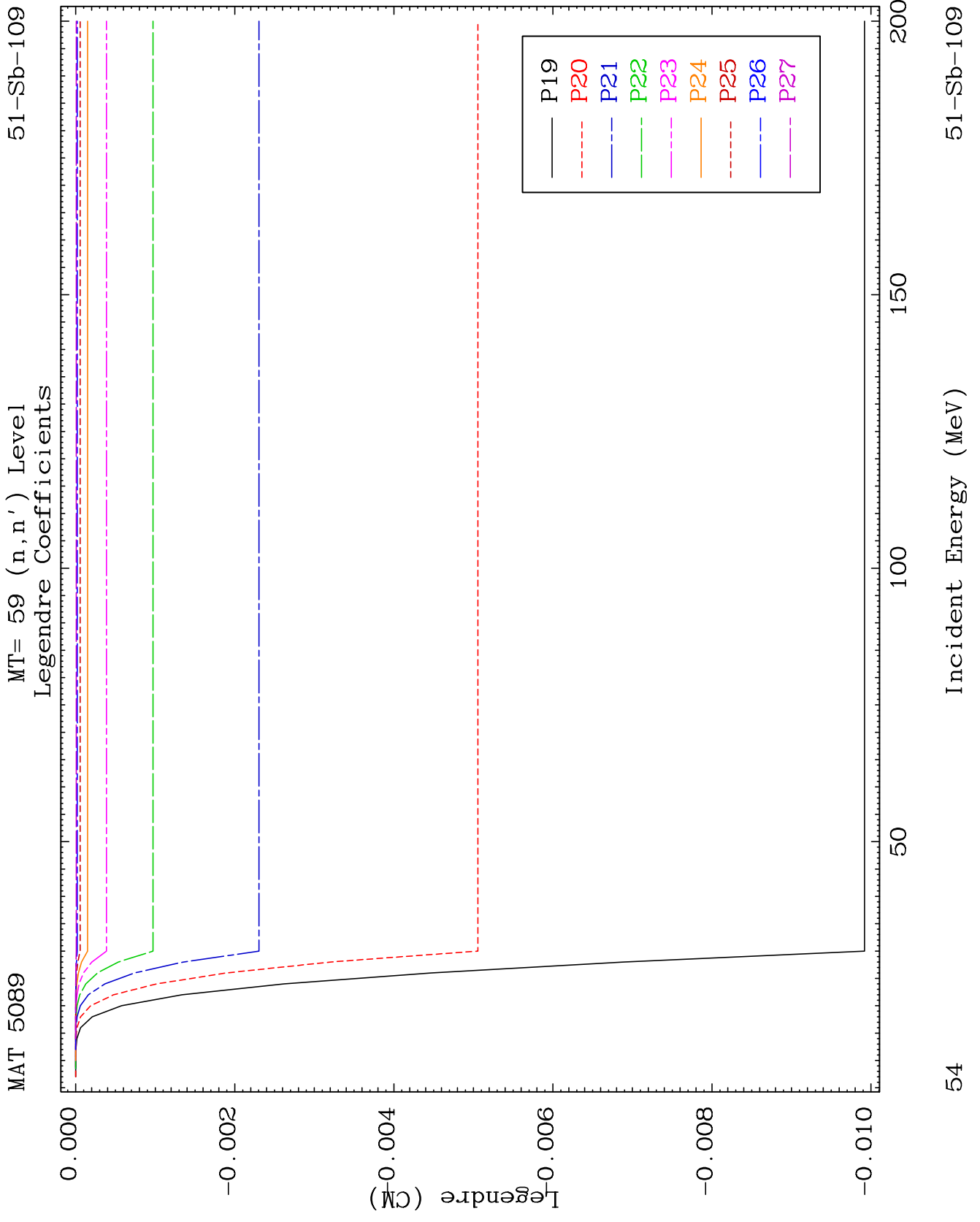
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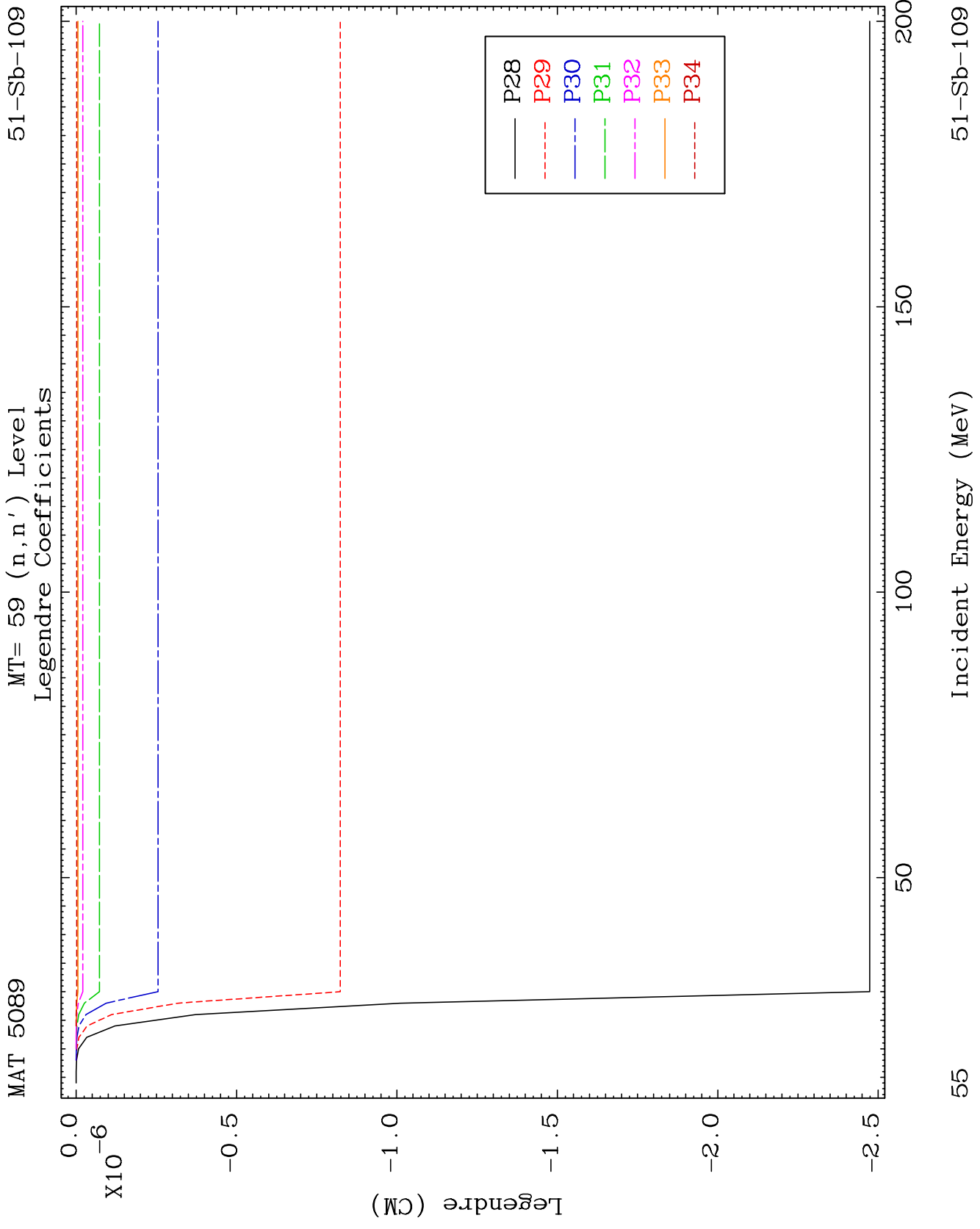


53

Incident Energy (MeV)

51-Sb-109





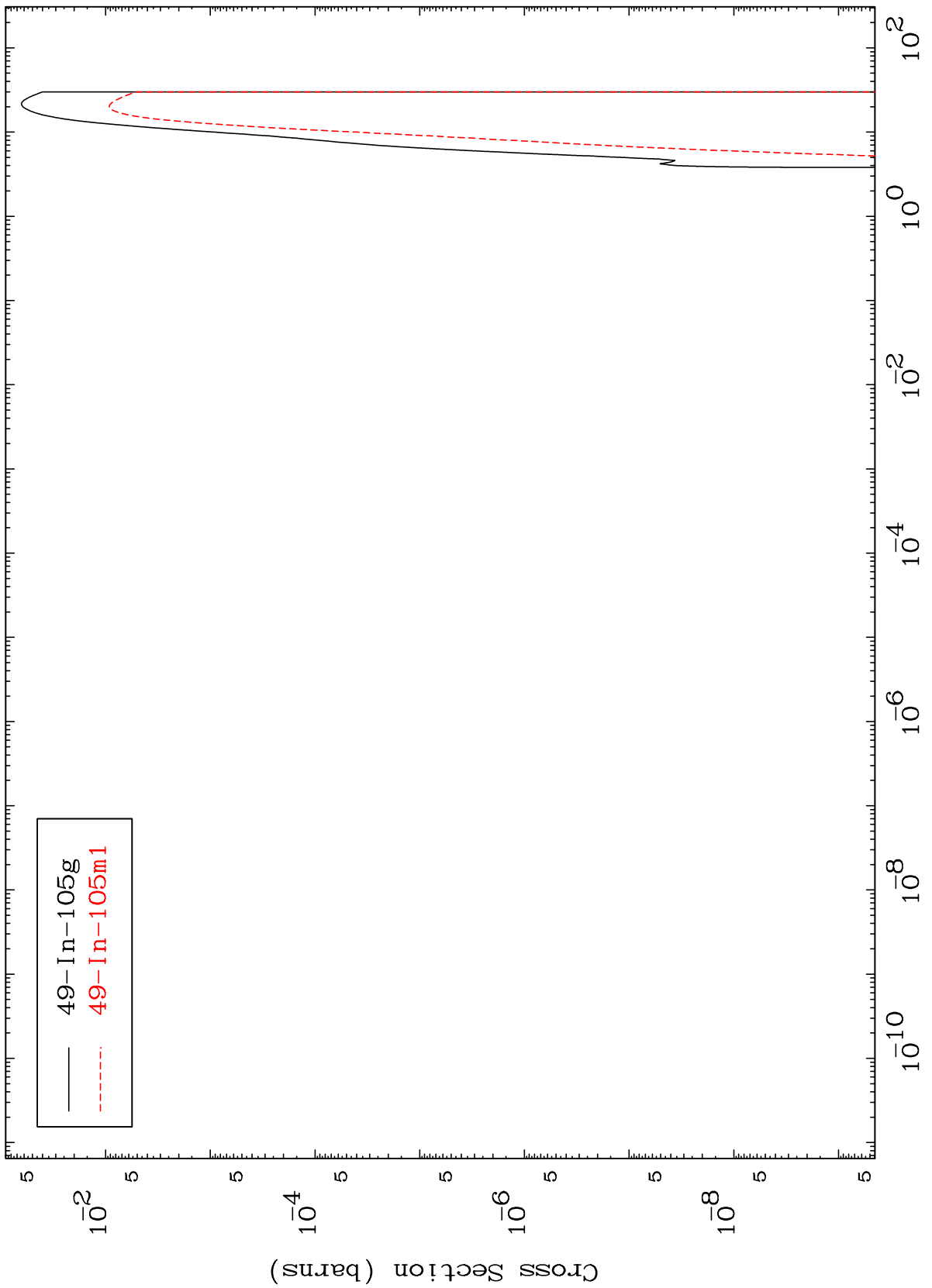


MAT 5089

$(n, n') \alpha$

51-Sb-109

Radionuclide Production Cross Section



— 49-In-105g  
- - - 49-In-105m1

56

Incident Energy (MeV)

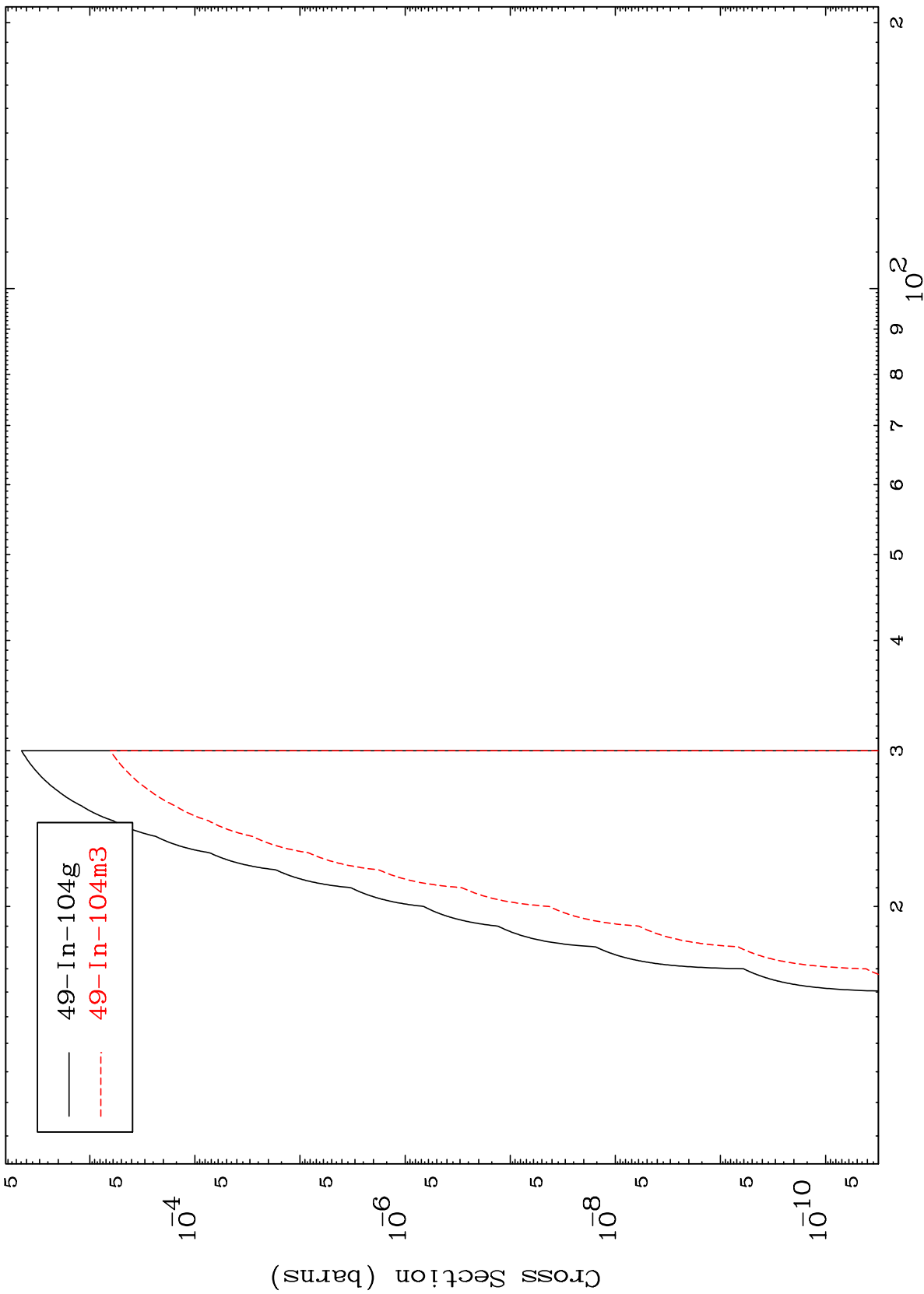
51-Sb-109

MAT 5089

(n,2n)  $\alpha$

51-Sb-109

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-109

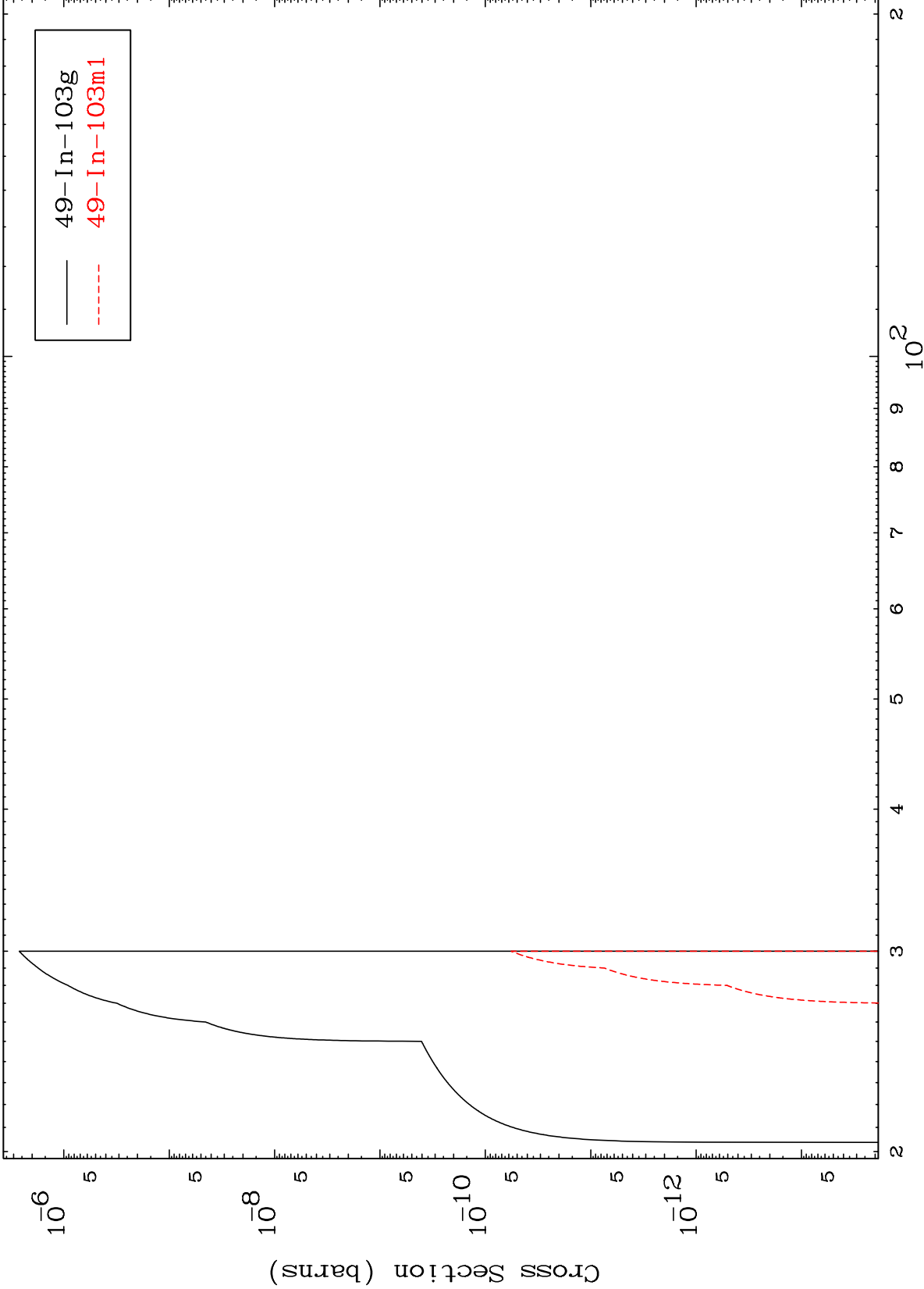
57

MAT 5089

(n,3n)  $\alpha$

51-Sb-109

Radionuclide Production Cross Section



58

Incident Energy (MeV)

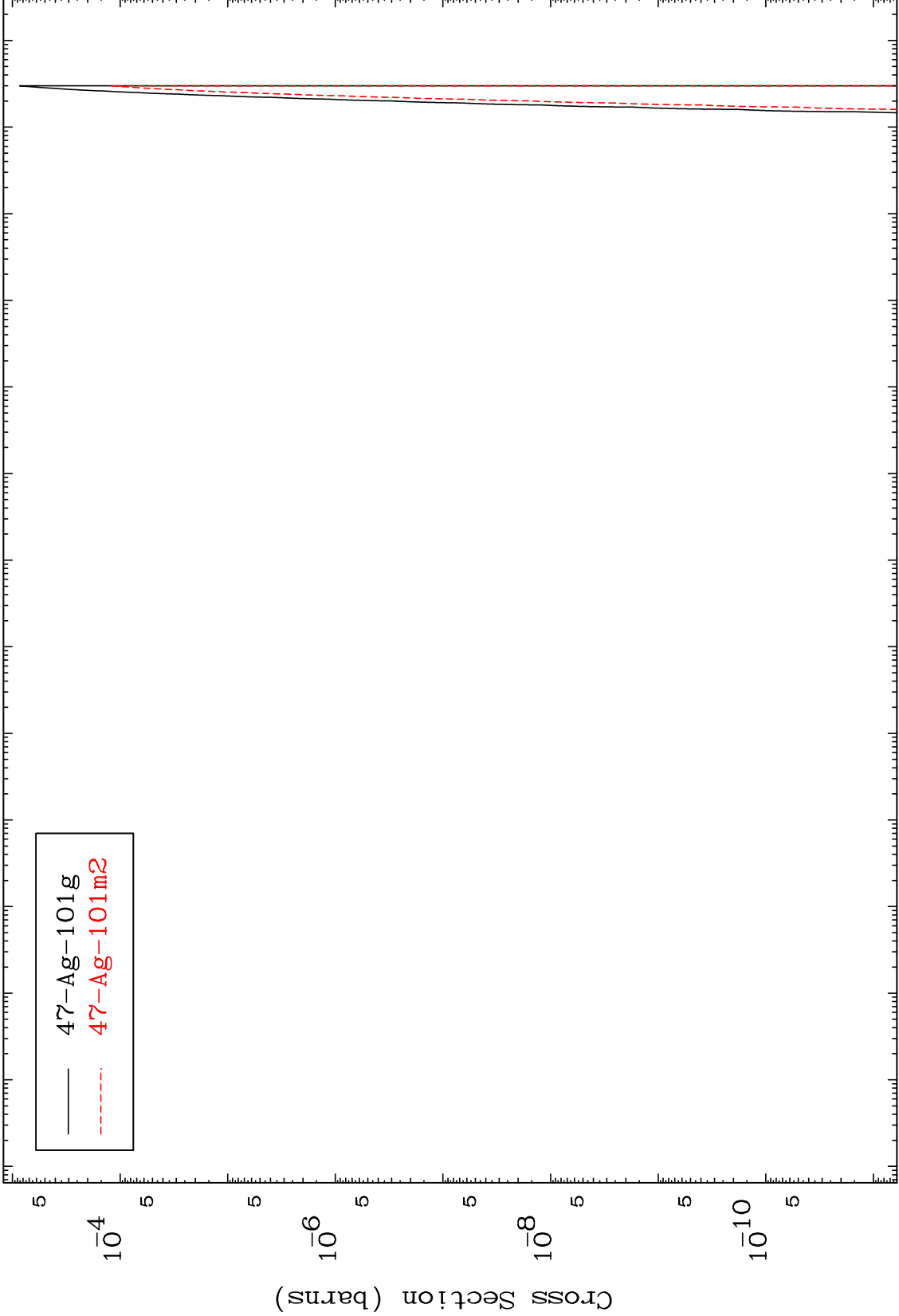
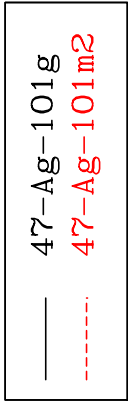
51-Sb-109

MAT 5089

(n,n') 2α

51-Sb-109

Radionuclide Production Cross Section



59

Incident Energy (MeV)

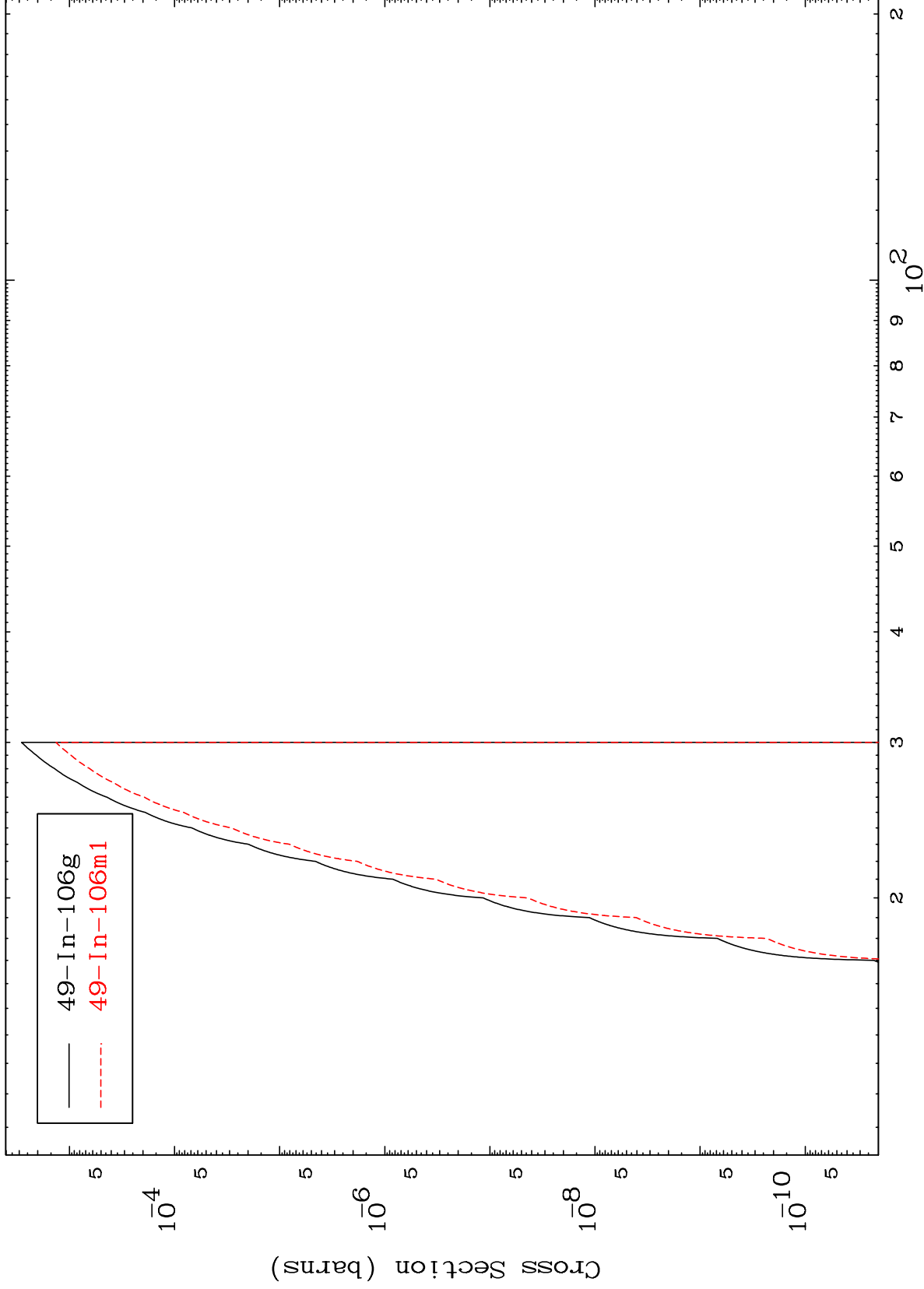
51-Sb-109

MAT 5089

(n,n') He-3

51-Sb-109

Radionuclide Production Cross Section



60

Incident Energy (MeV)

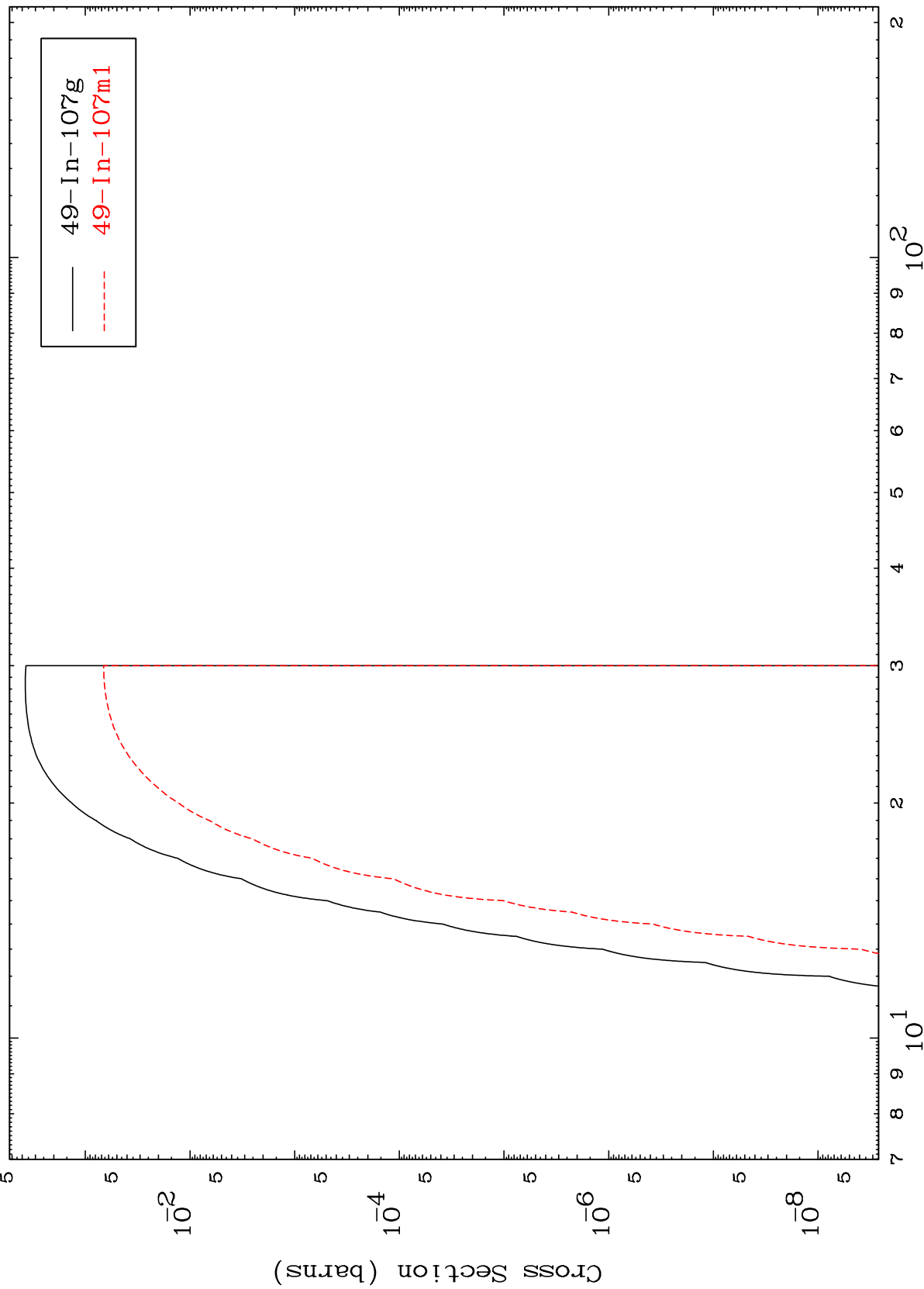
51-Sb-109

MAT 5089

(n,2n) p

51-Sb-109

Radionuclide Production Cross Section



61

Incident Energy (MeV)

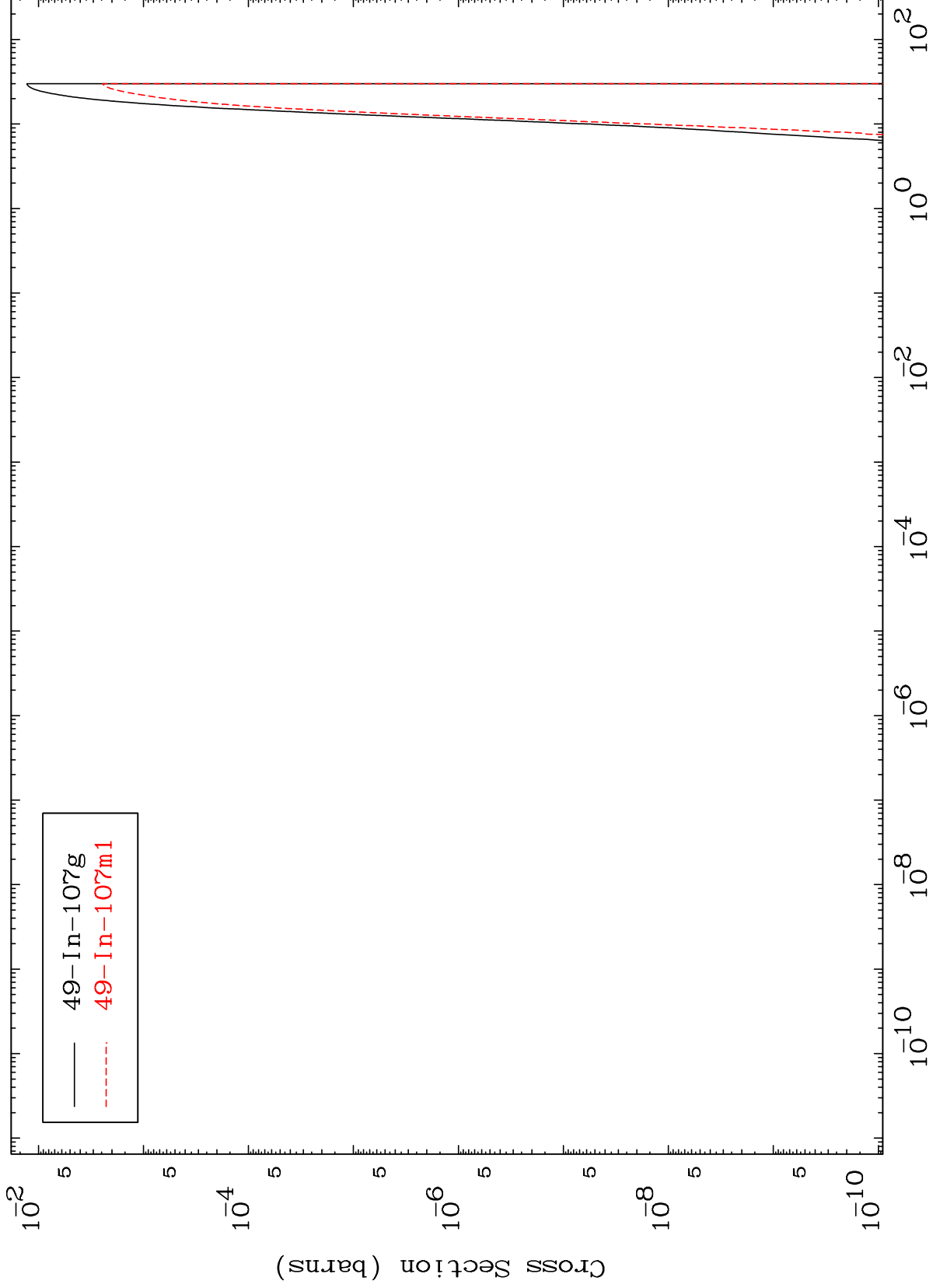
51-Sb-109

MAT 5089

(n,He-3)

51-Sb-109

Radionuclide Production Cross Section



— 49-In-107g  
- - - 49-In-107m1

Incident Energy (MeV)

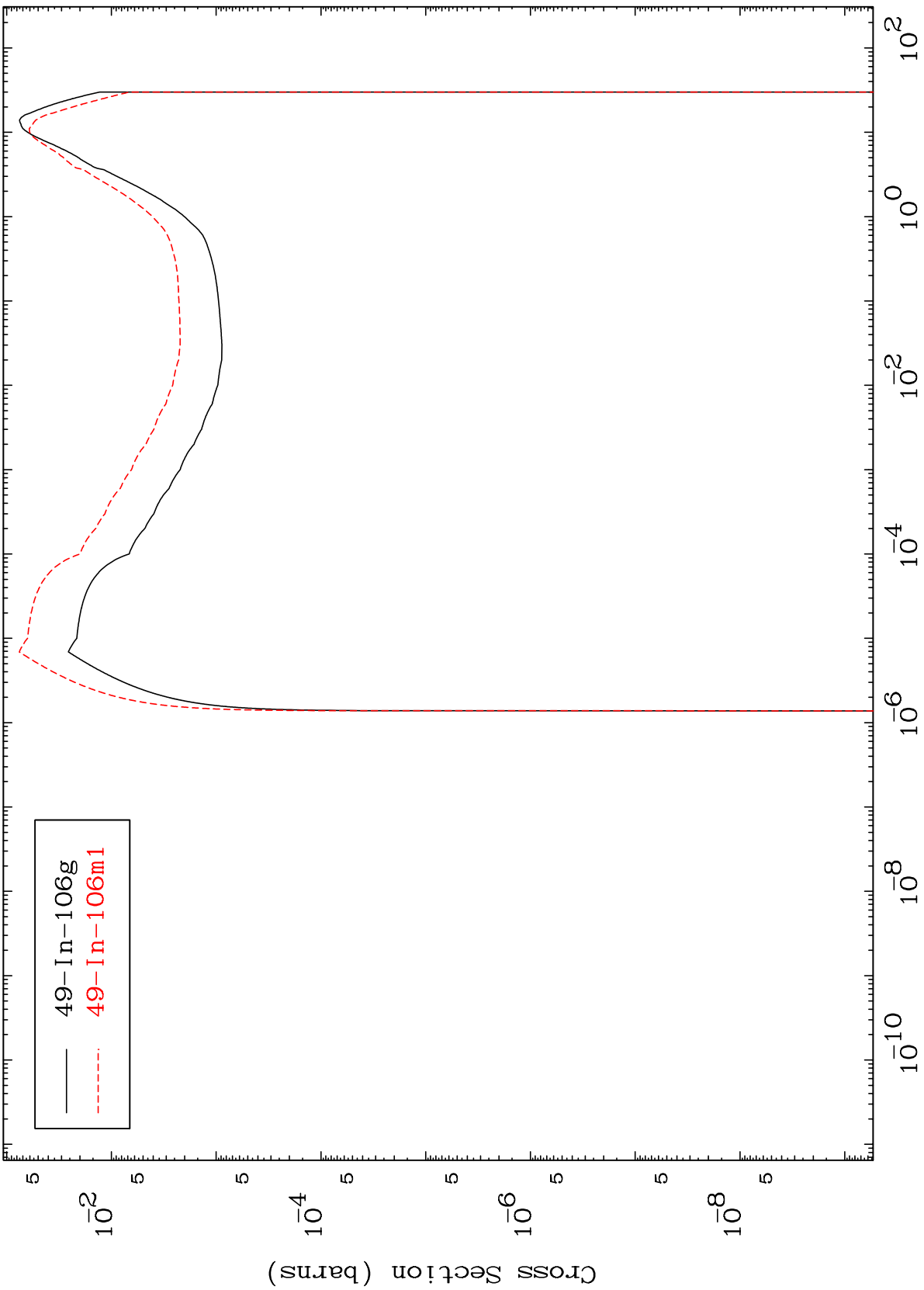
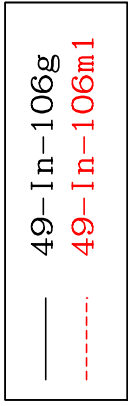
51-Sb-109

62

MAT 5089

51-Sb-109

Radionuclide Production Cross Section



63

Incident Energy (MeV)

51-Sb-109

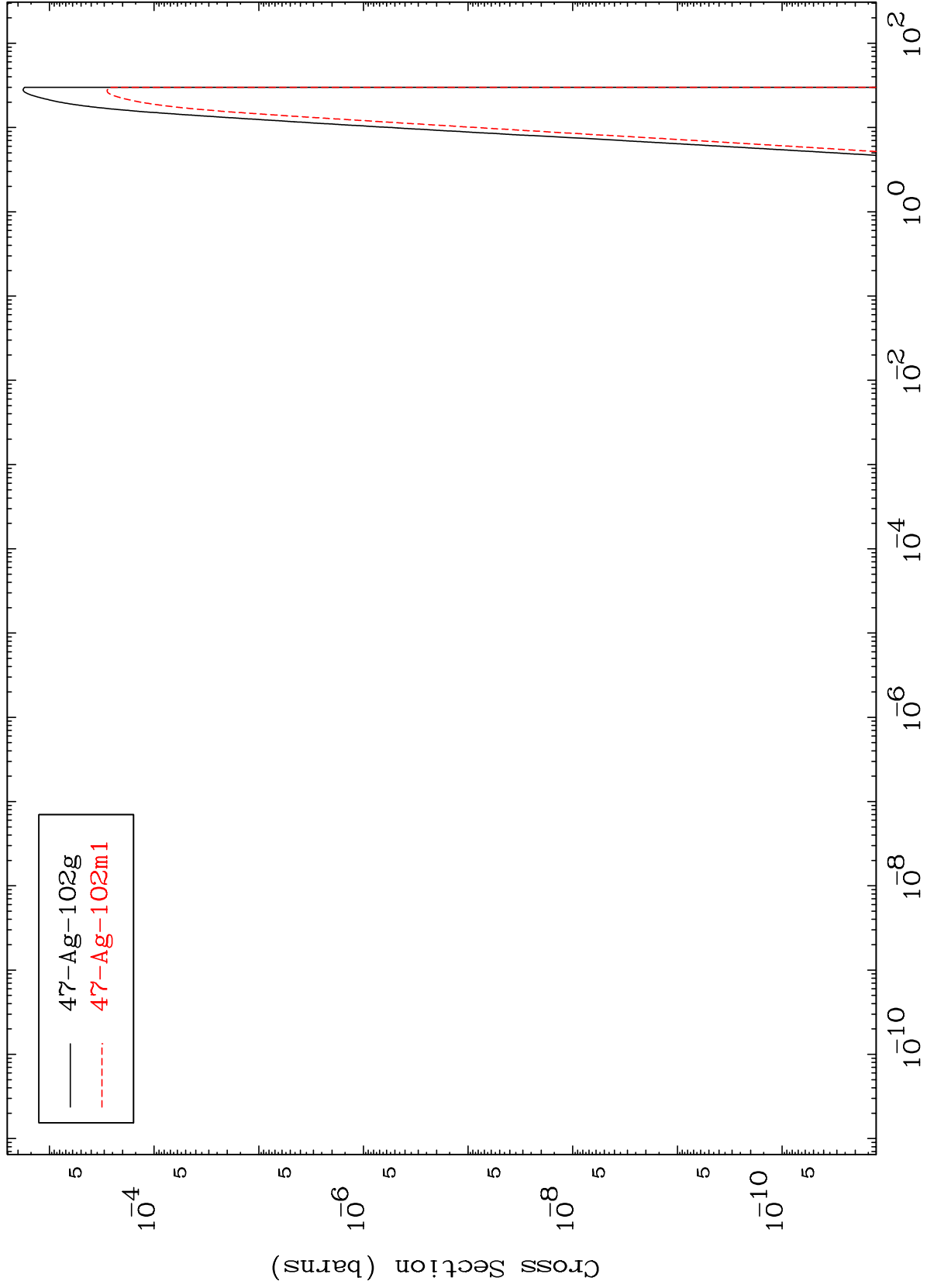


MAT 5089

(n,2α)

51-Sb-109

Radionuclide Production Cross Section



64

Incident Energy (MeV)

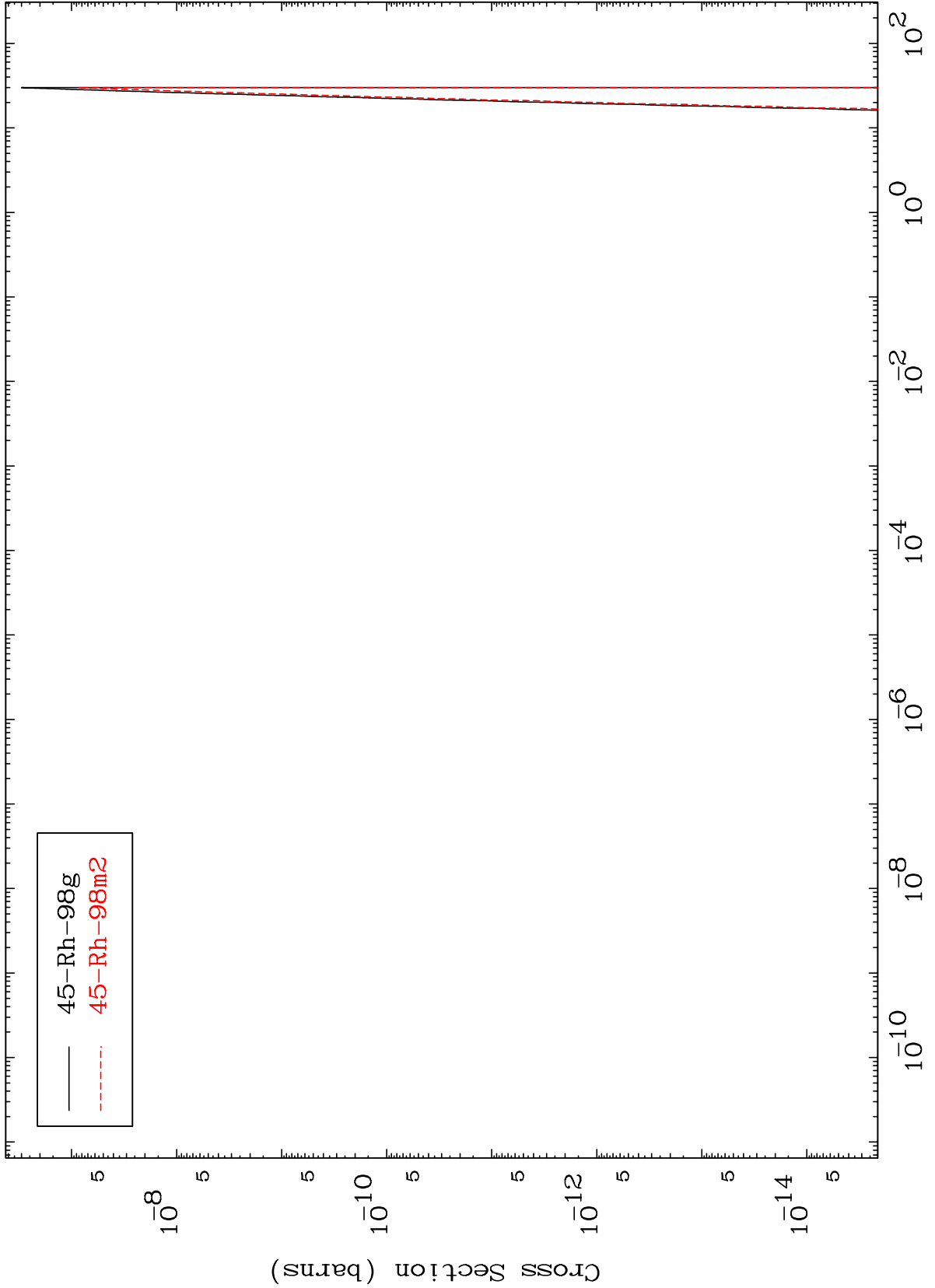
51-Sb-109

MAT 5089

(n,3α)

51-Sb-109

Radionuclide Production Cross Section



45-Rh-98g  
45-Rh-98m2

65

Incident Energy (MeV)

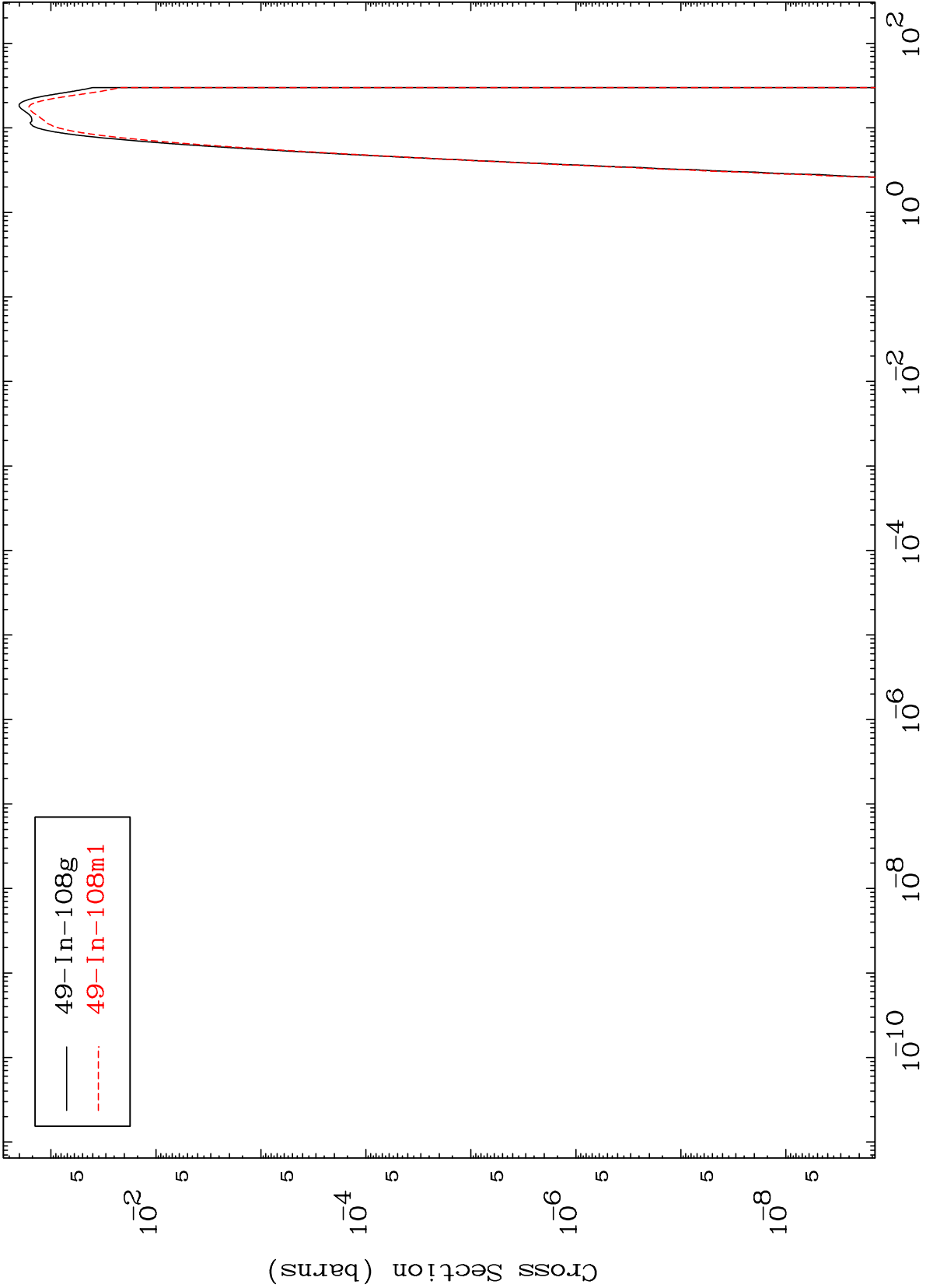
51-Sb-109

MAT 5089

(n,2p)

51-Sb-109

Radionuclide Production Cross Section



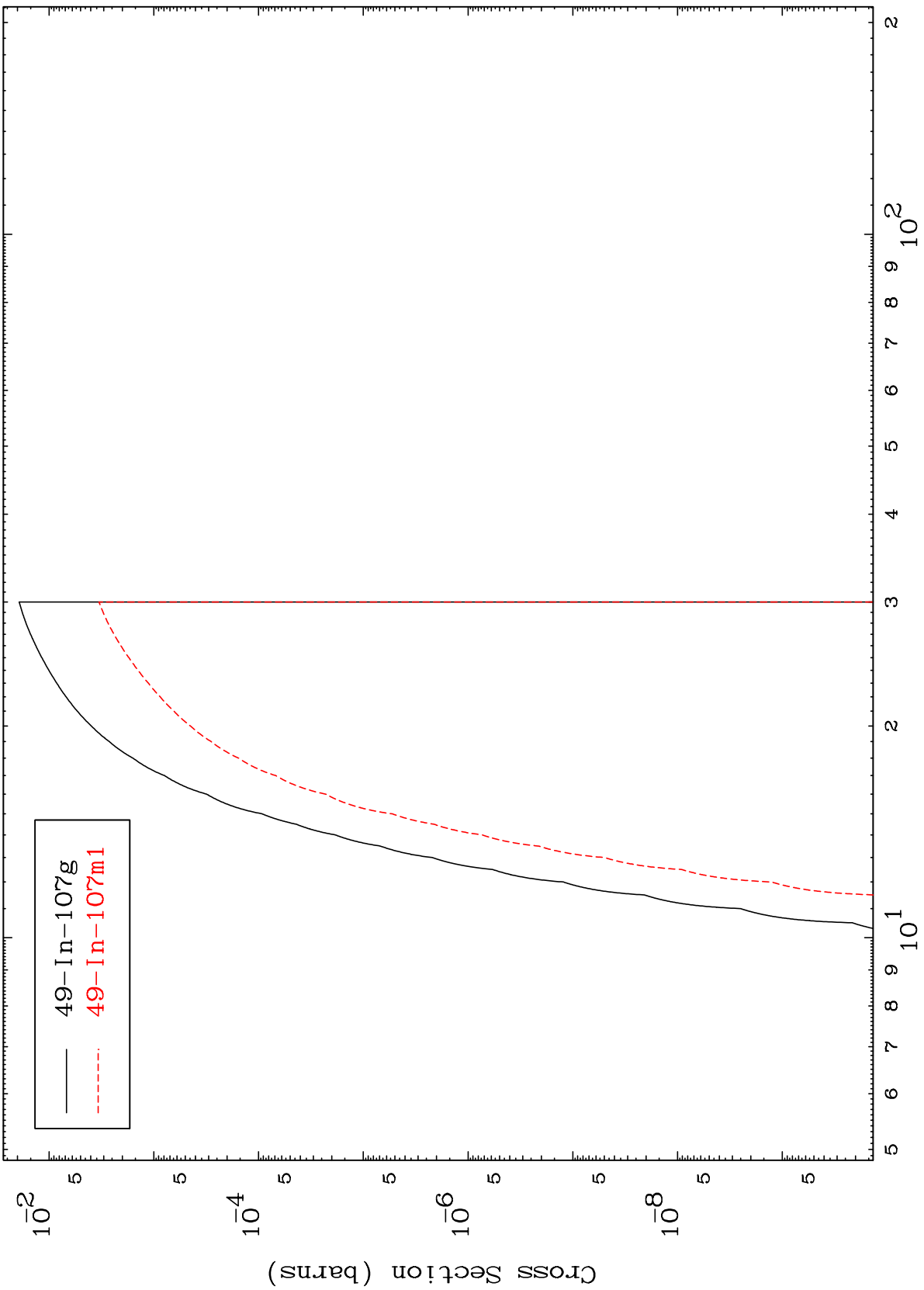
49-In-108g  
49-In-108m1

MAT 5089

(n,p) d

51-Sb-109

Radionuclide Production Cross Section



— 49-In-107g  
- - - 49-In-107m1

67

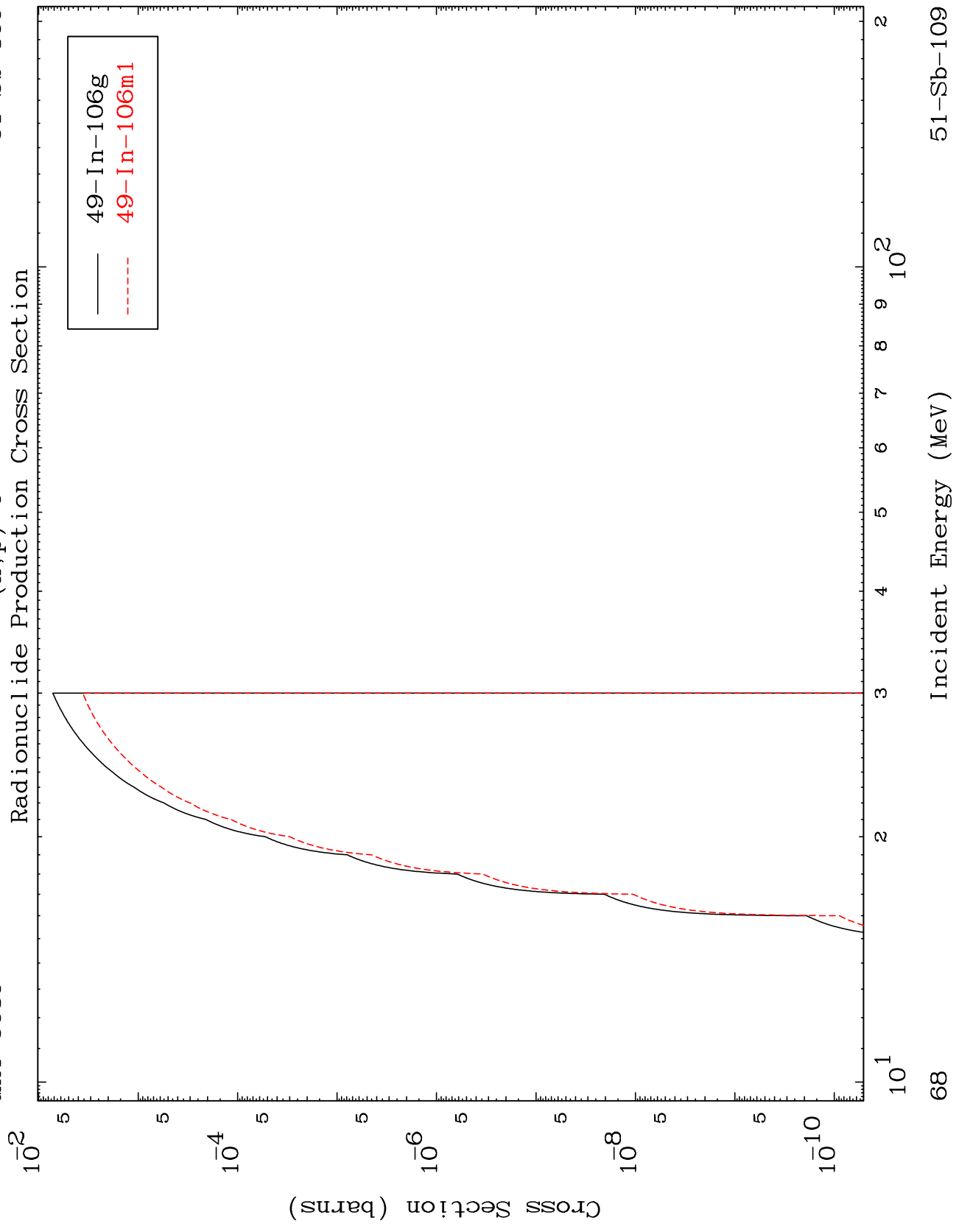
Incident Energy (MeV)

51-Sb-109

MAT 5089

(n,p) t

51-Sb-109



51-Sb-109

Incident Energy (MeV)

68