

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

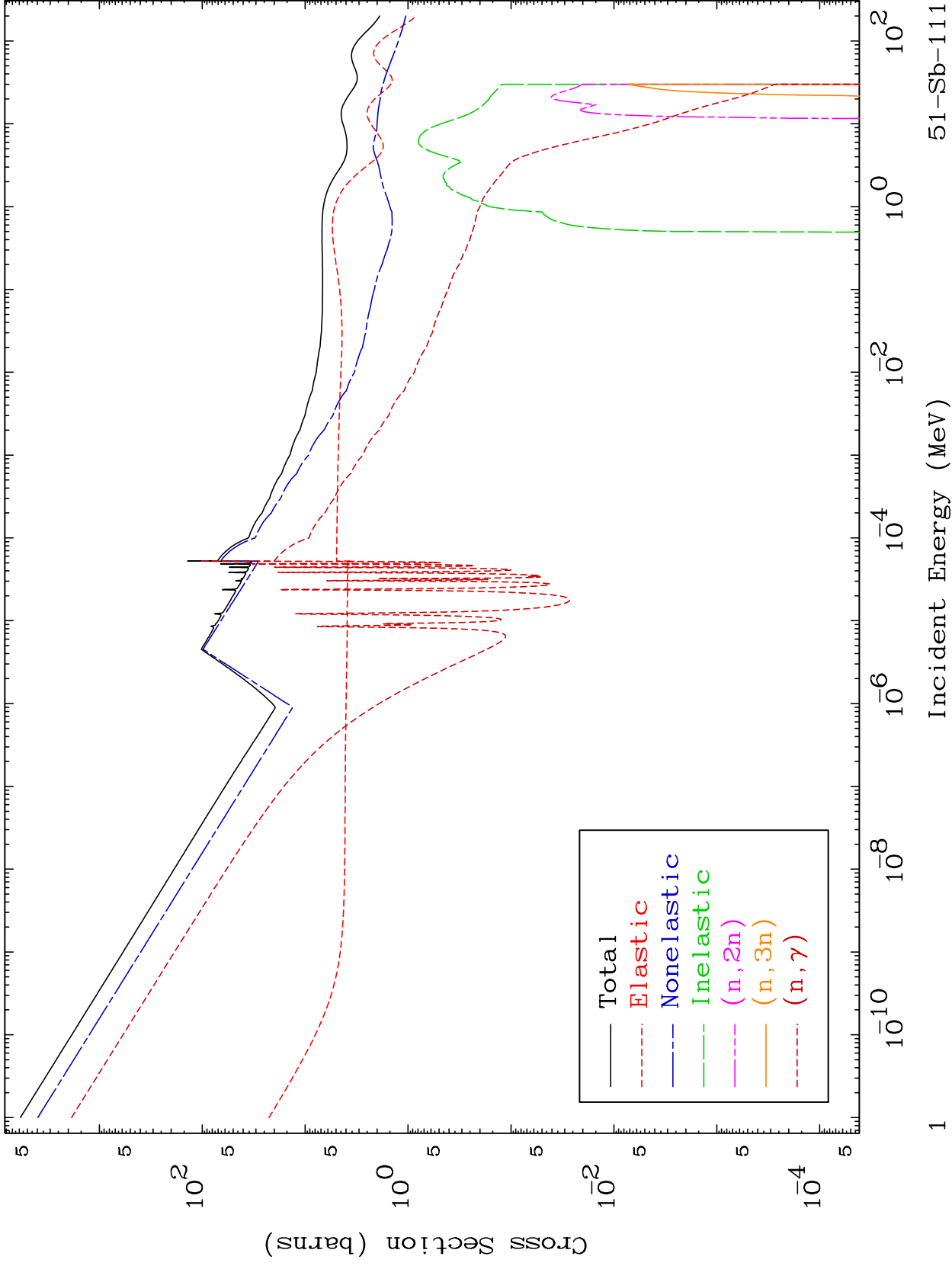
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5095

Neutron Major  
293 Kelvin Cross Sections

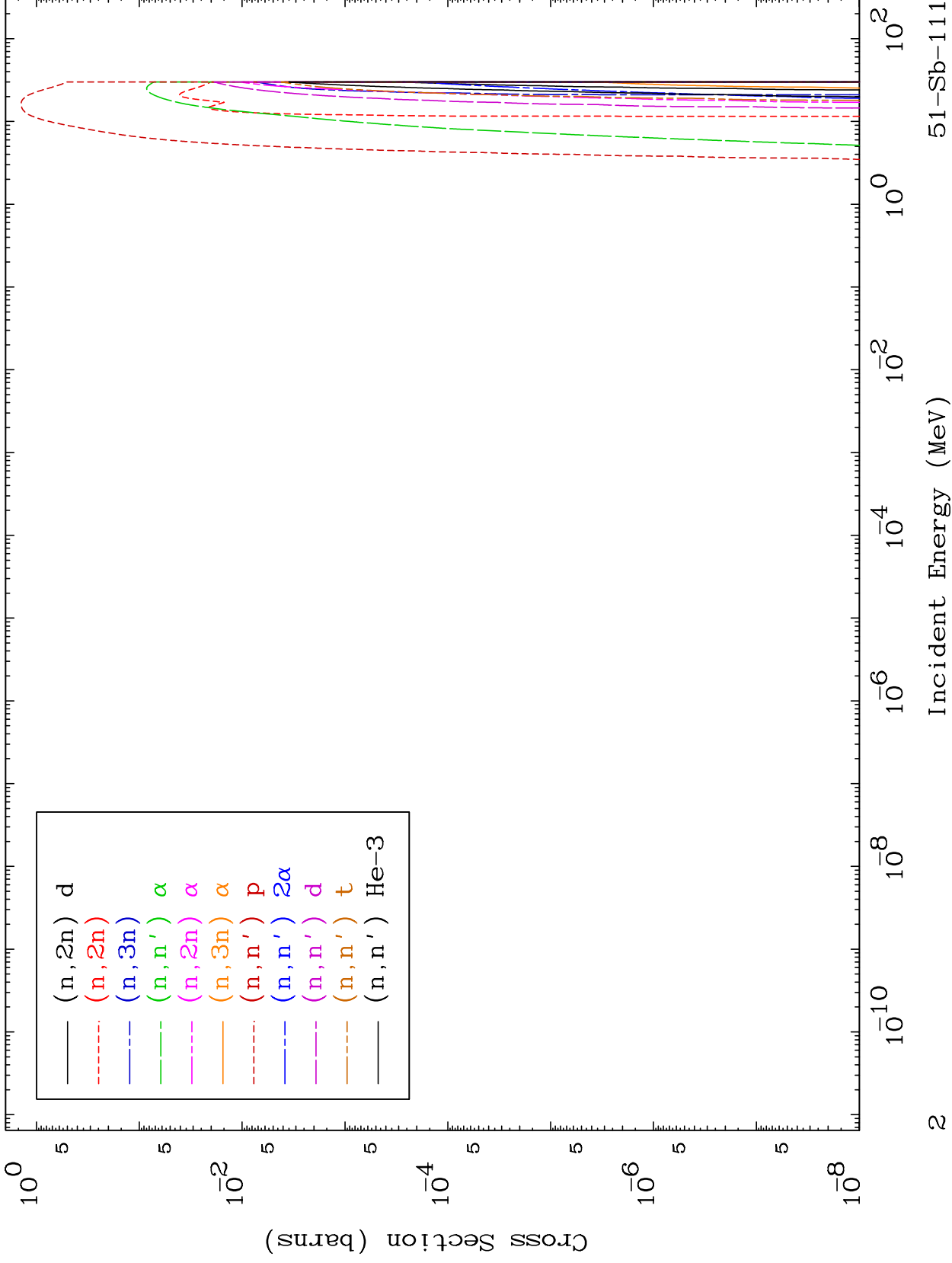
51-Sb-111

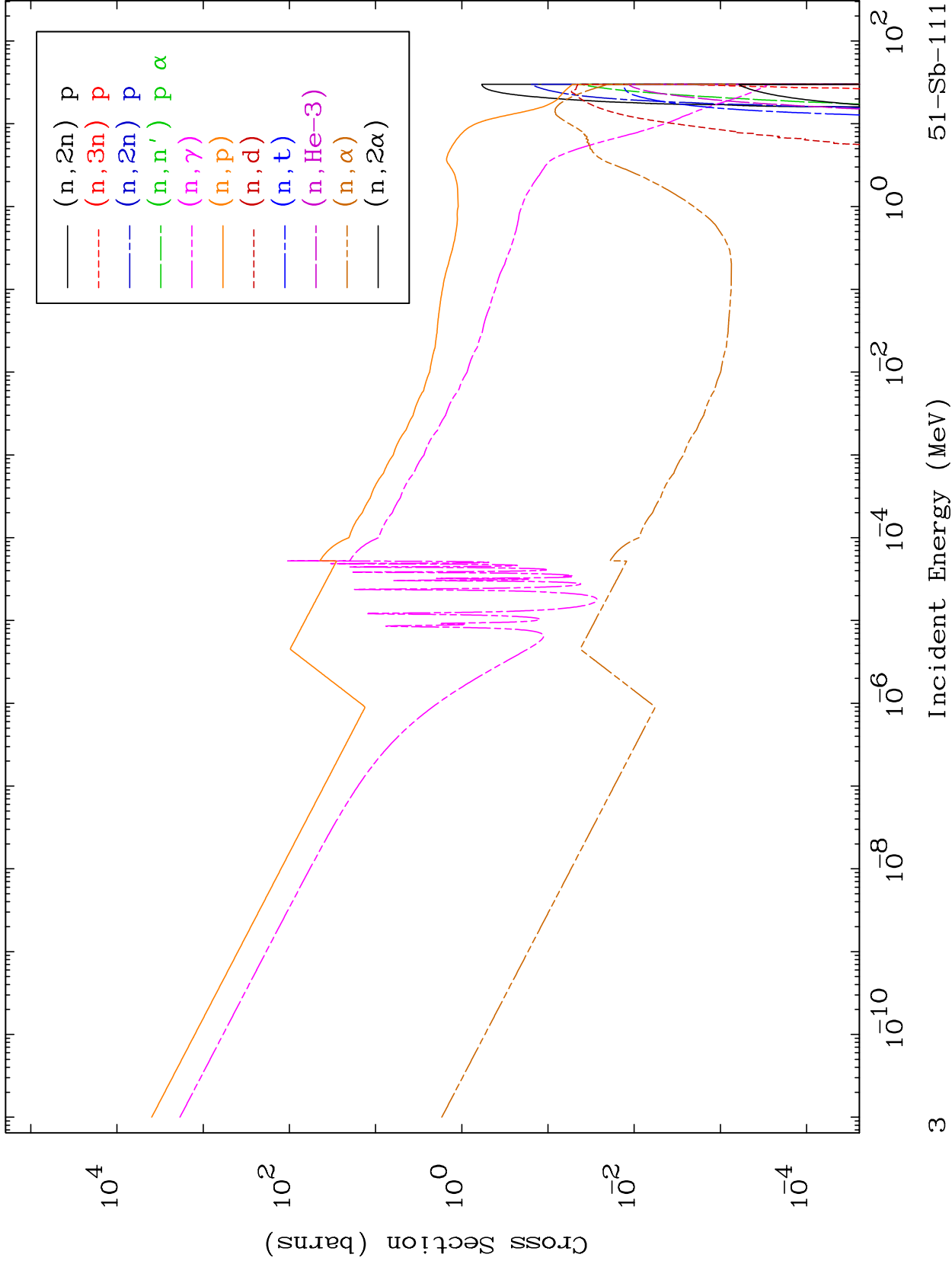


MAT 5095

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-111

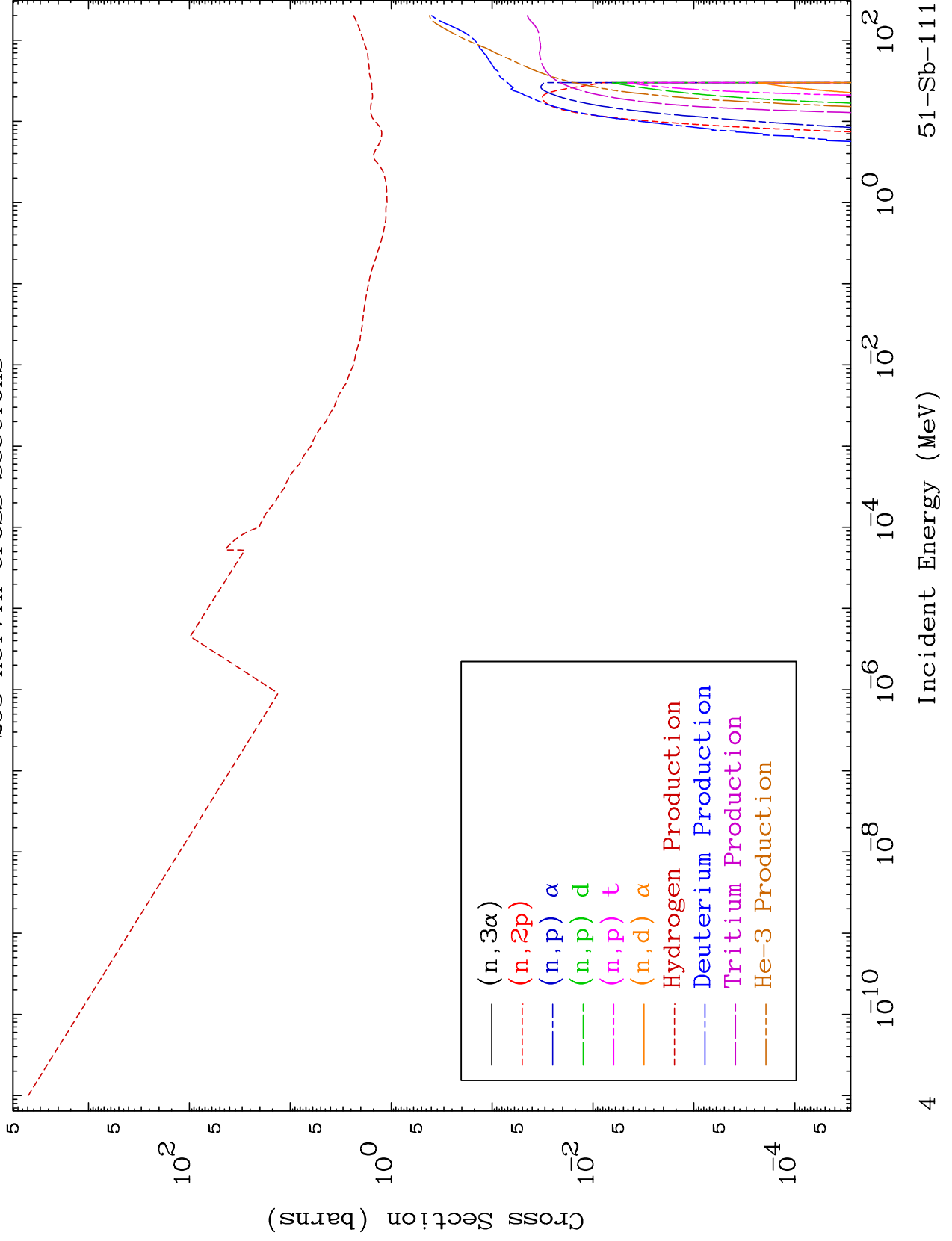




MAT 5095

Neutron Absorption  
293 Kelvin Cross Sections

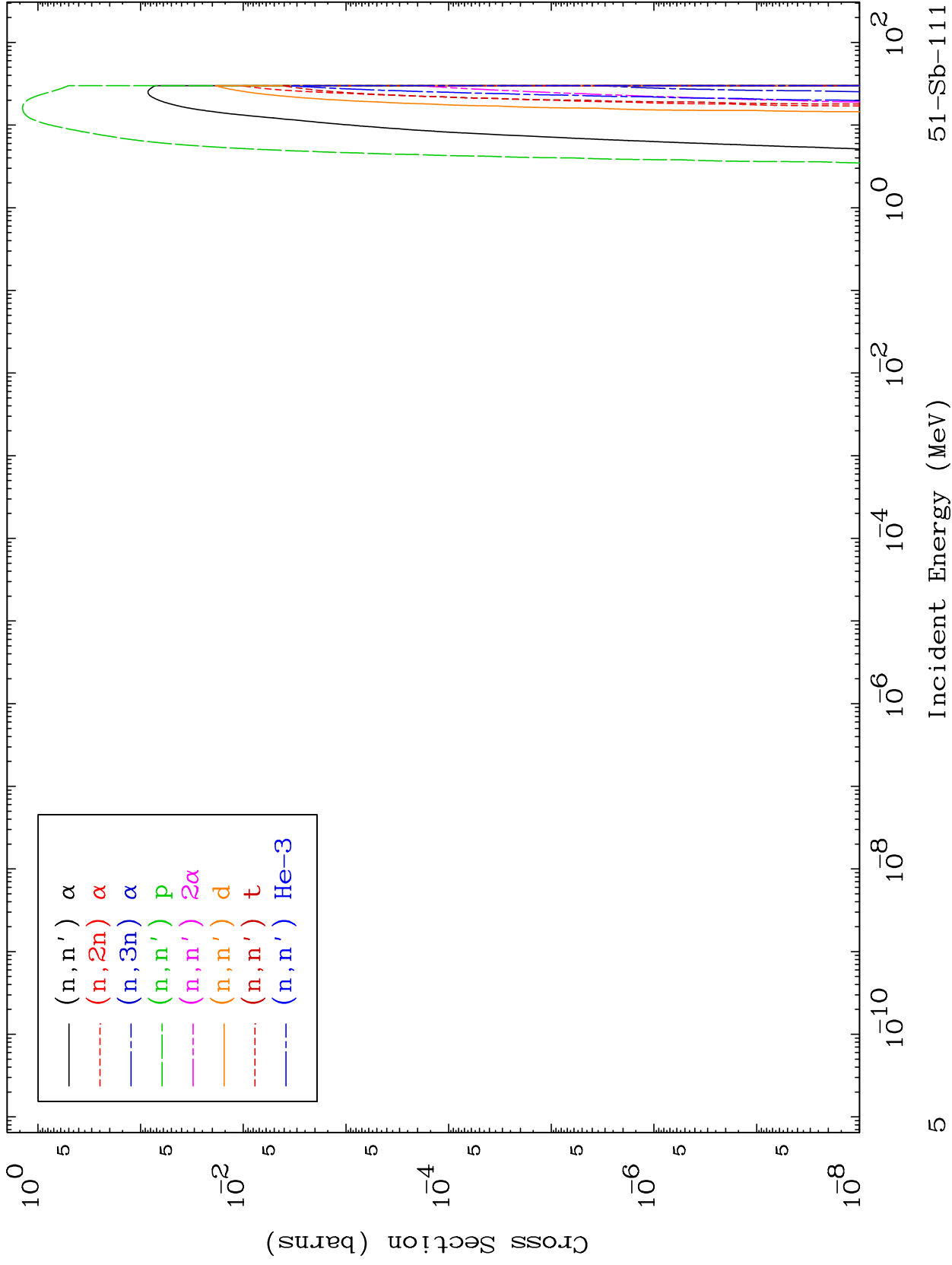
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MAT 5095

Charged Particle  
293 Kelvin Cross Sections

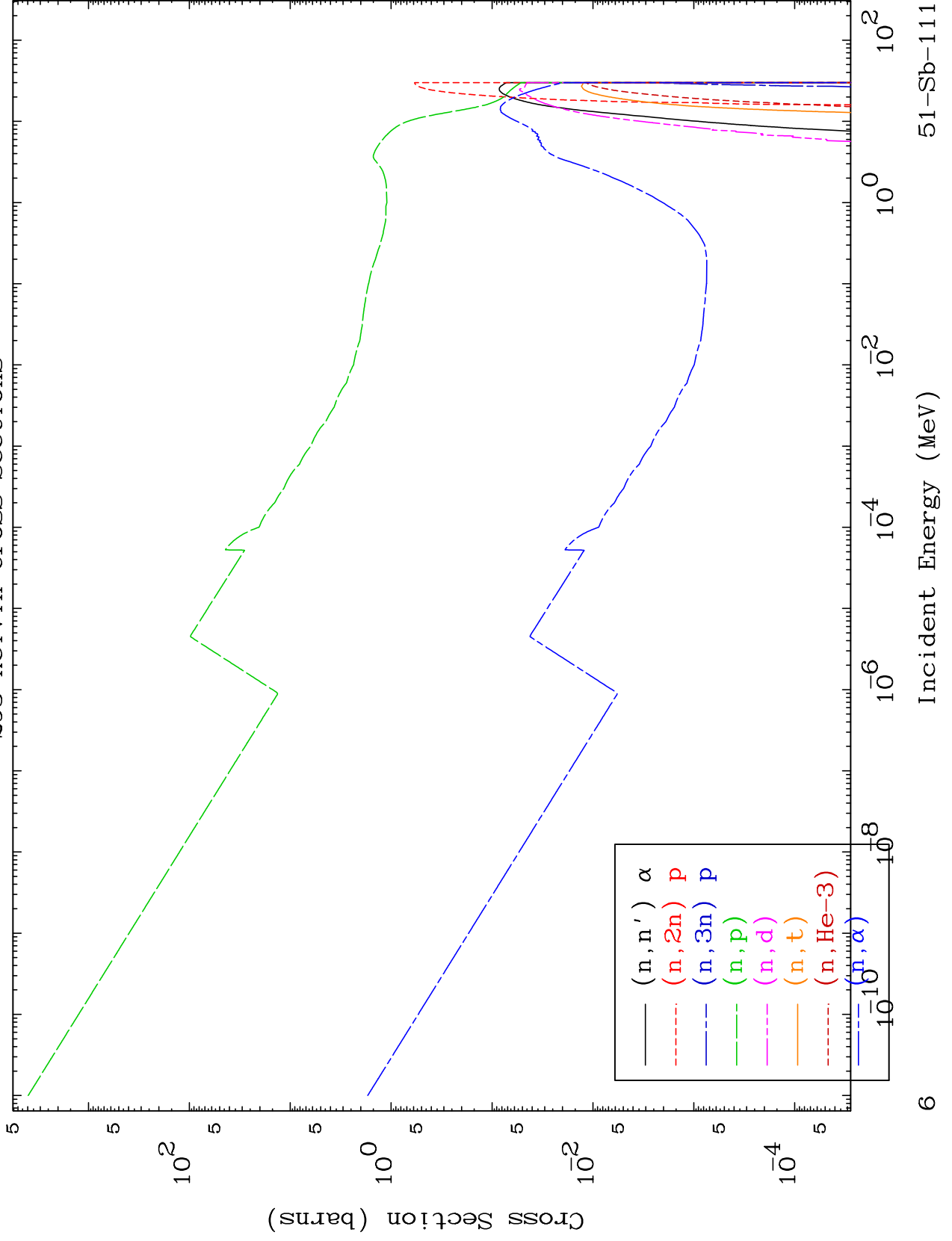
51-Sb-111



MAT 5095

Charged Particle  
293 Kelvin Cross Sections

51-Sb-111



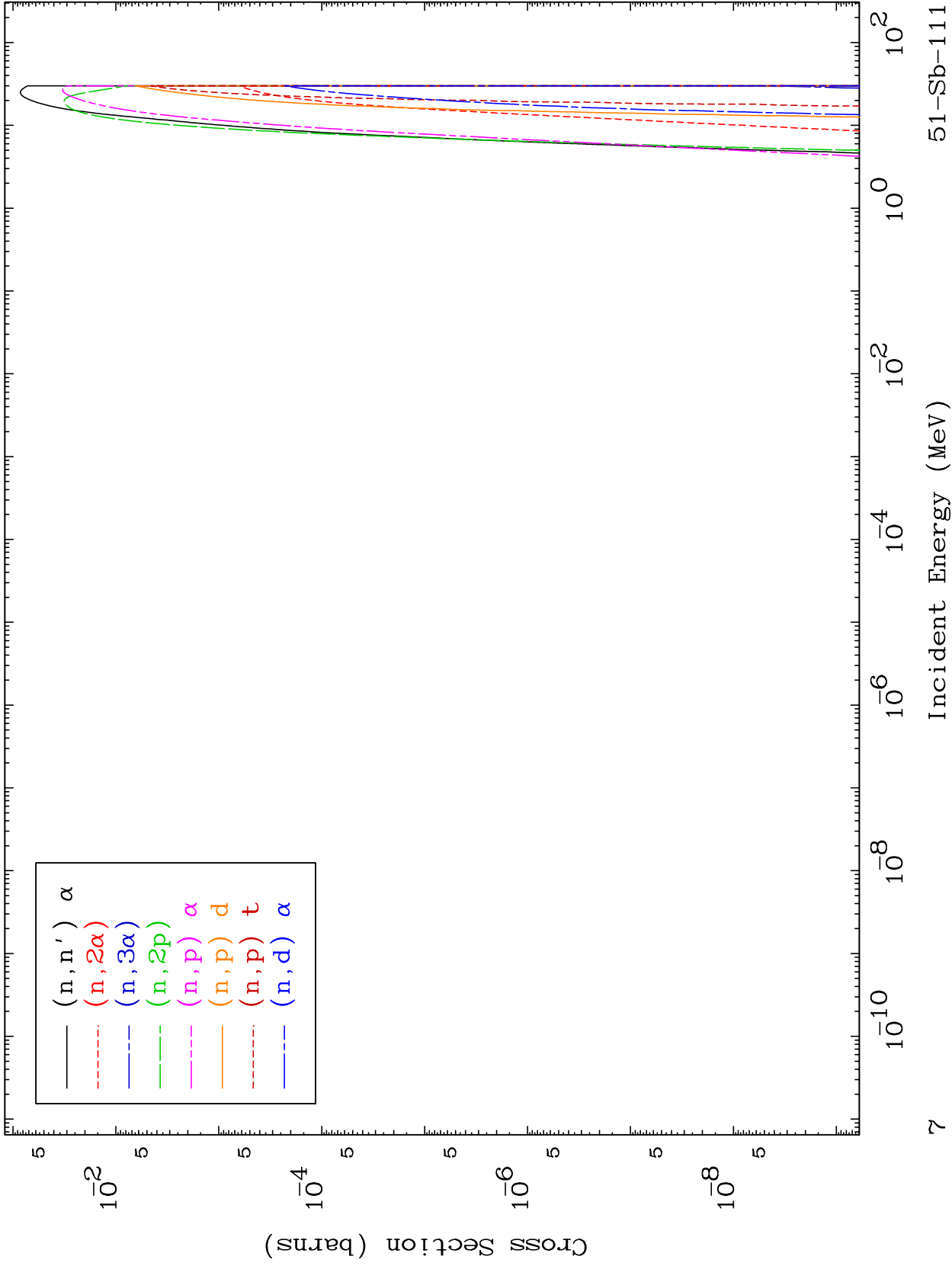
6

51-Sb-111

MAT 5095

Charged Particle  
293 Kelvin Cross Sections

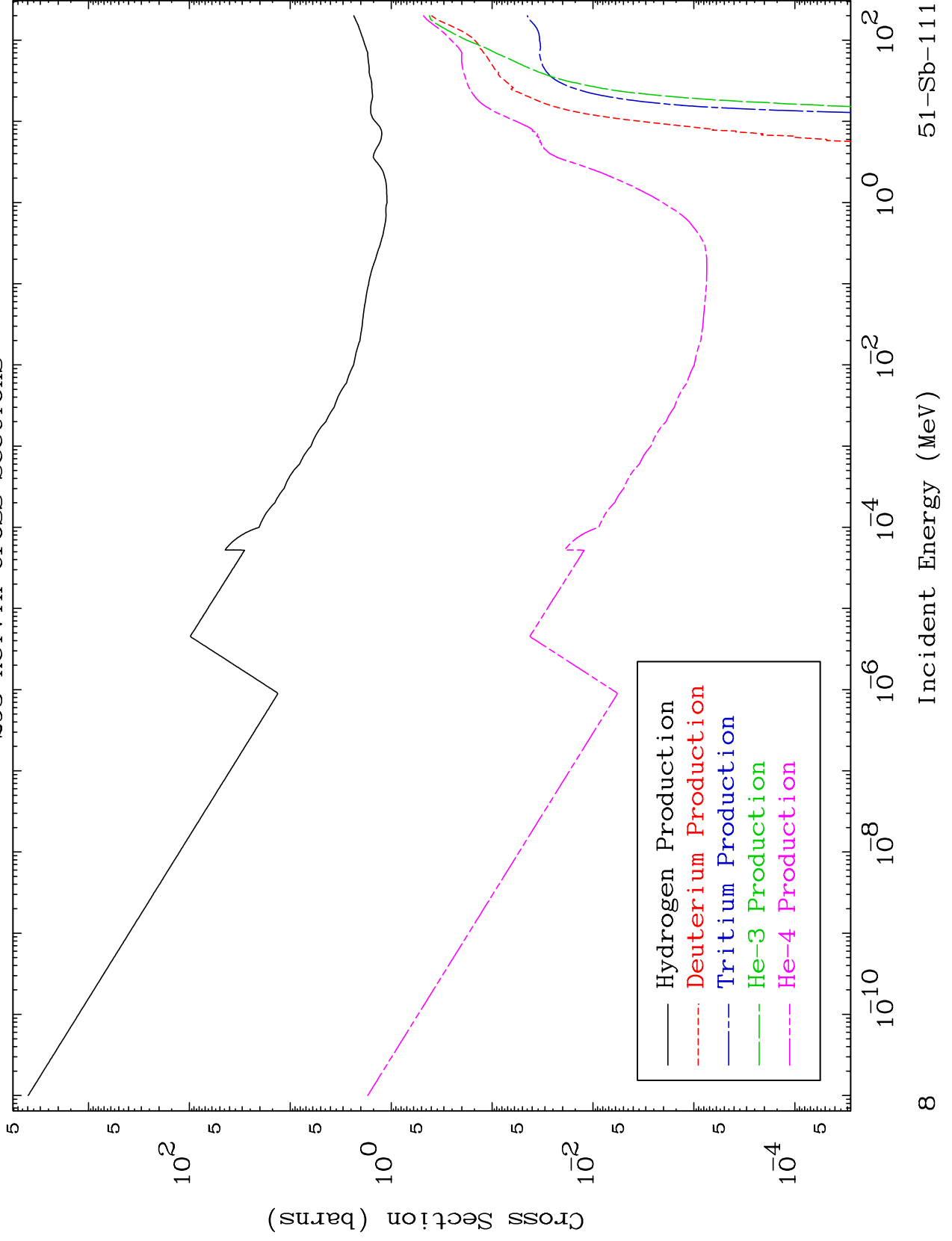
51-Sb-111



MAT 5095

Particle Production  
293 Kelvin Cross Sections

51-Sb-111

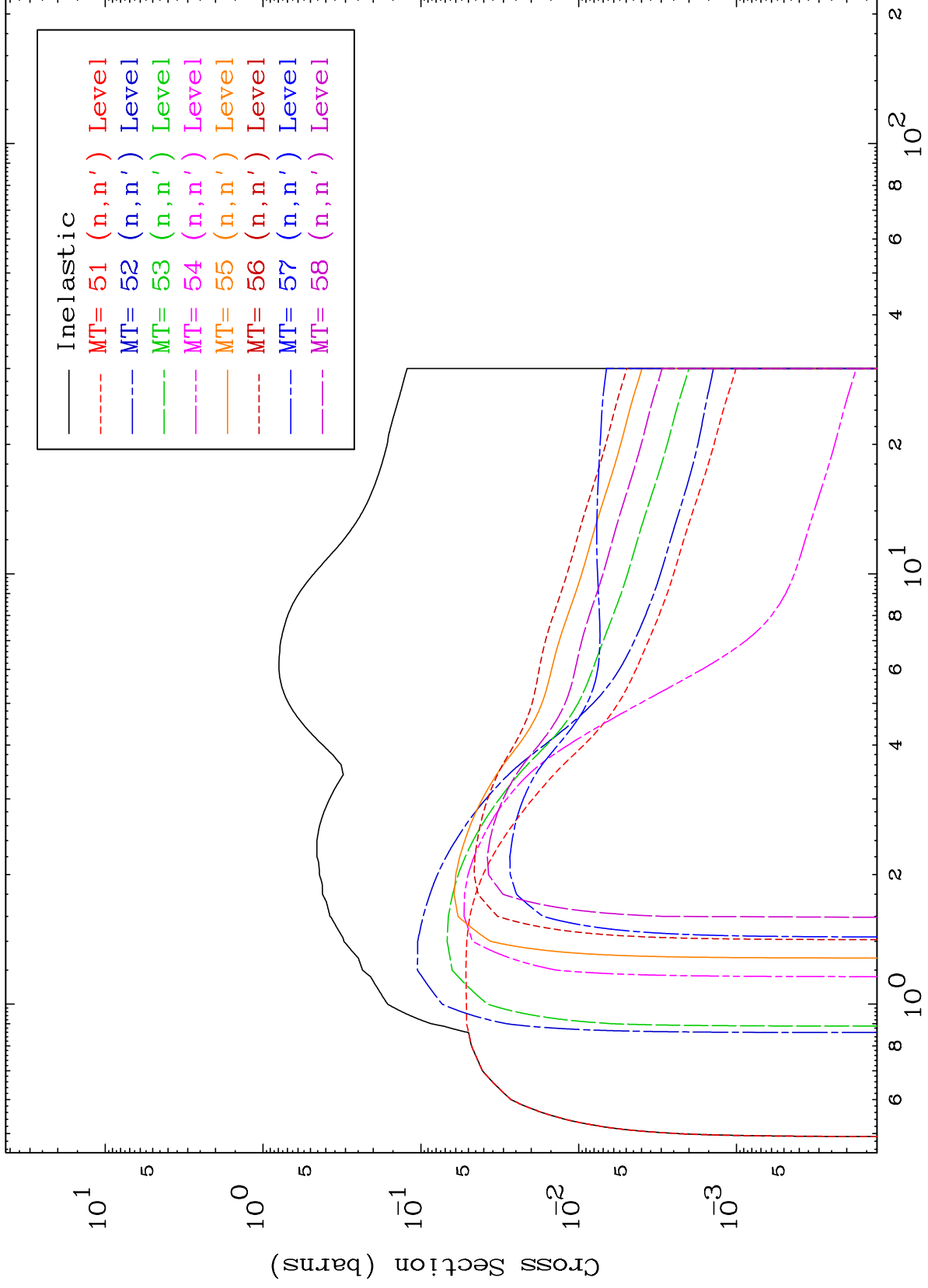


MAT 5095

(n,n') Levels

51-Sb-111

293 Kelvin Cross Sections



9

Incident Energy (MeV)

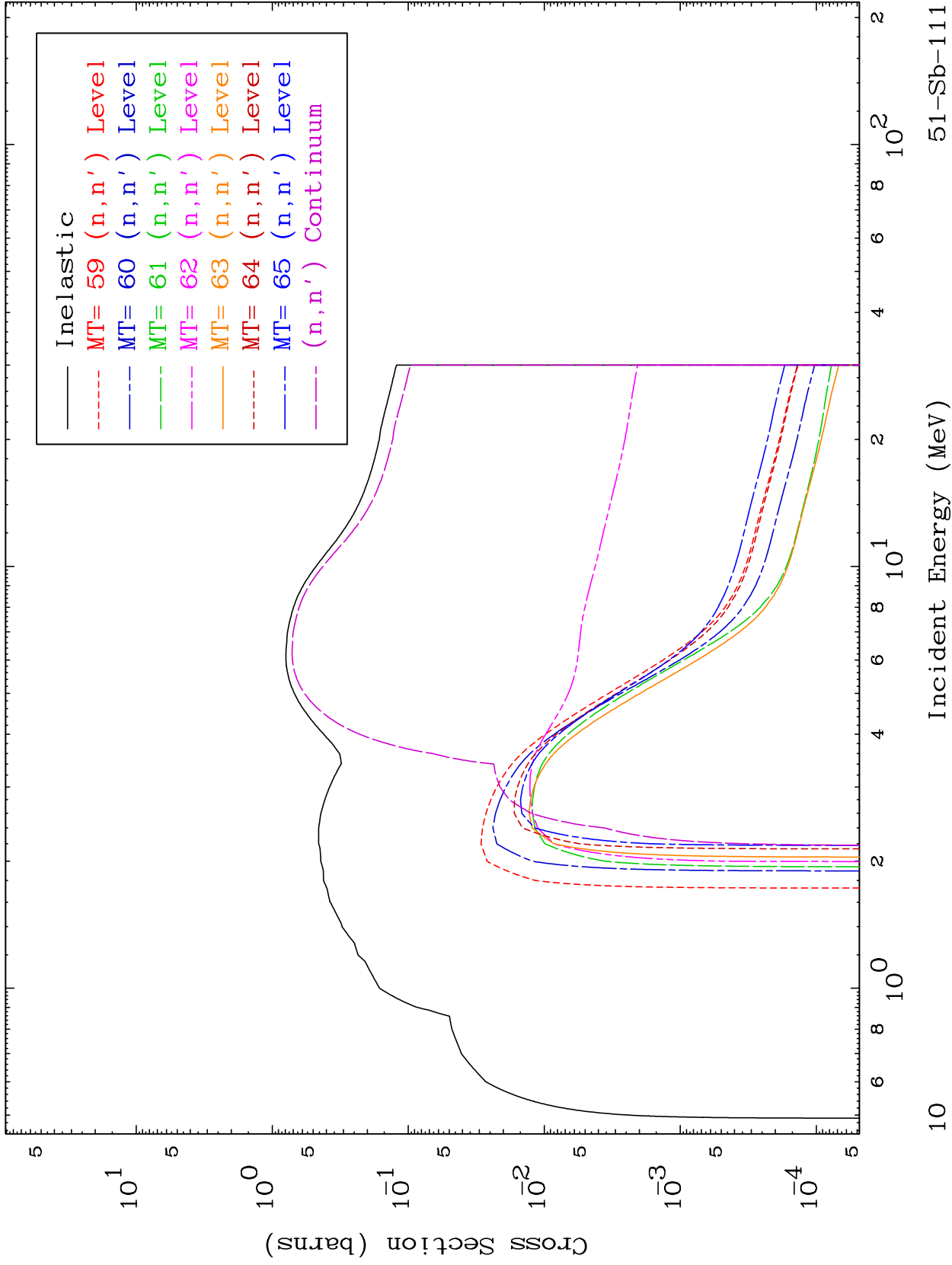
51-Sb-111

MAT 5095

(n,n') Levels

51-Sb-111

293 Kelvin Cross Sections



10

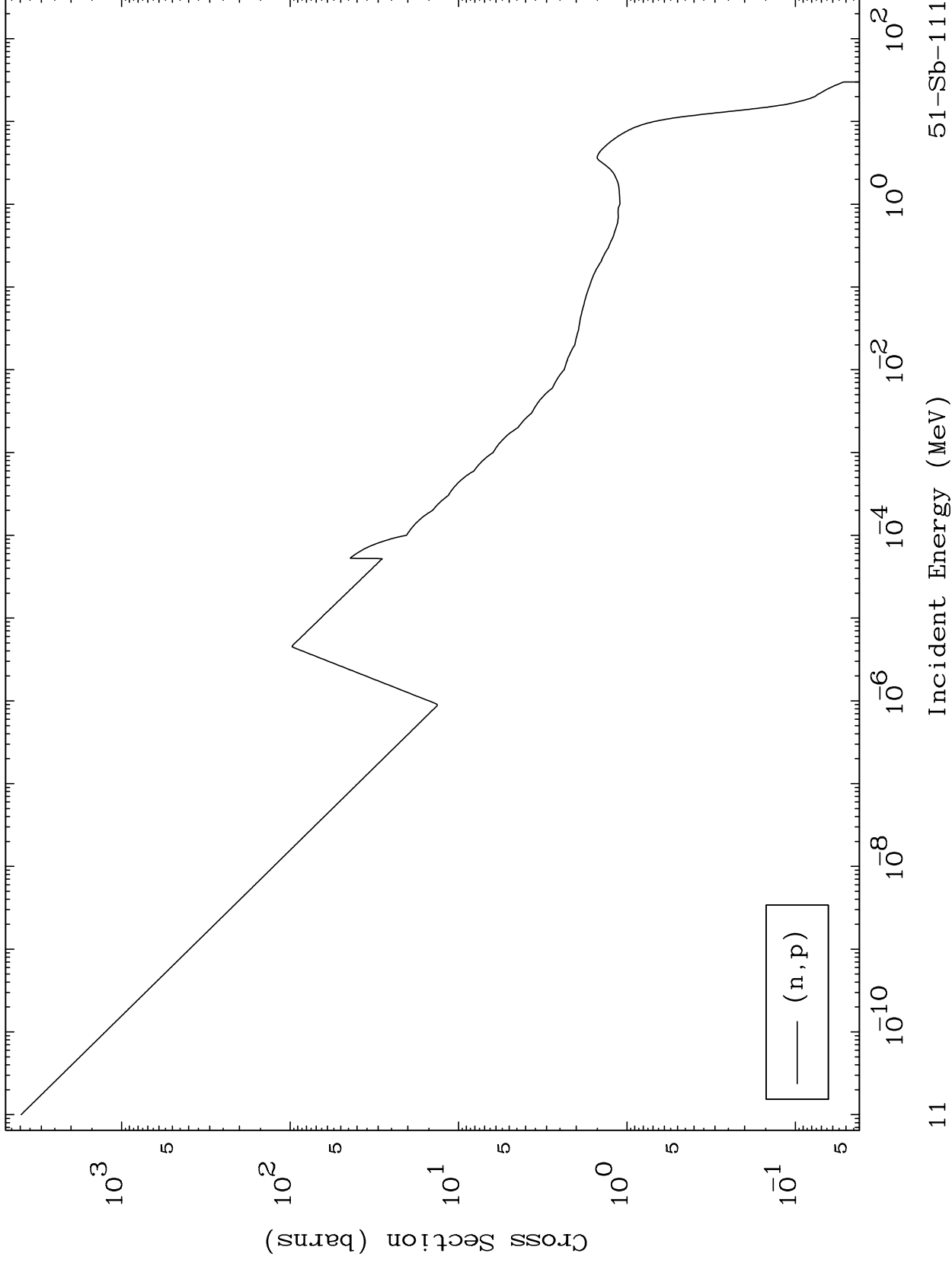
Incident Energy (MeV)

51-Sb-111

MAT 5095

(n,p) Levels  
293 Kelvin Cross Sections

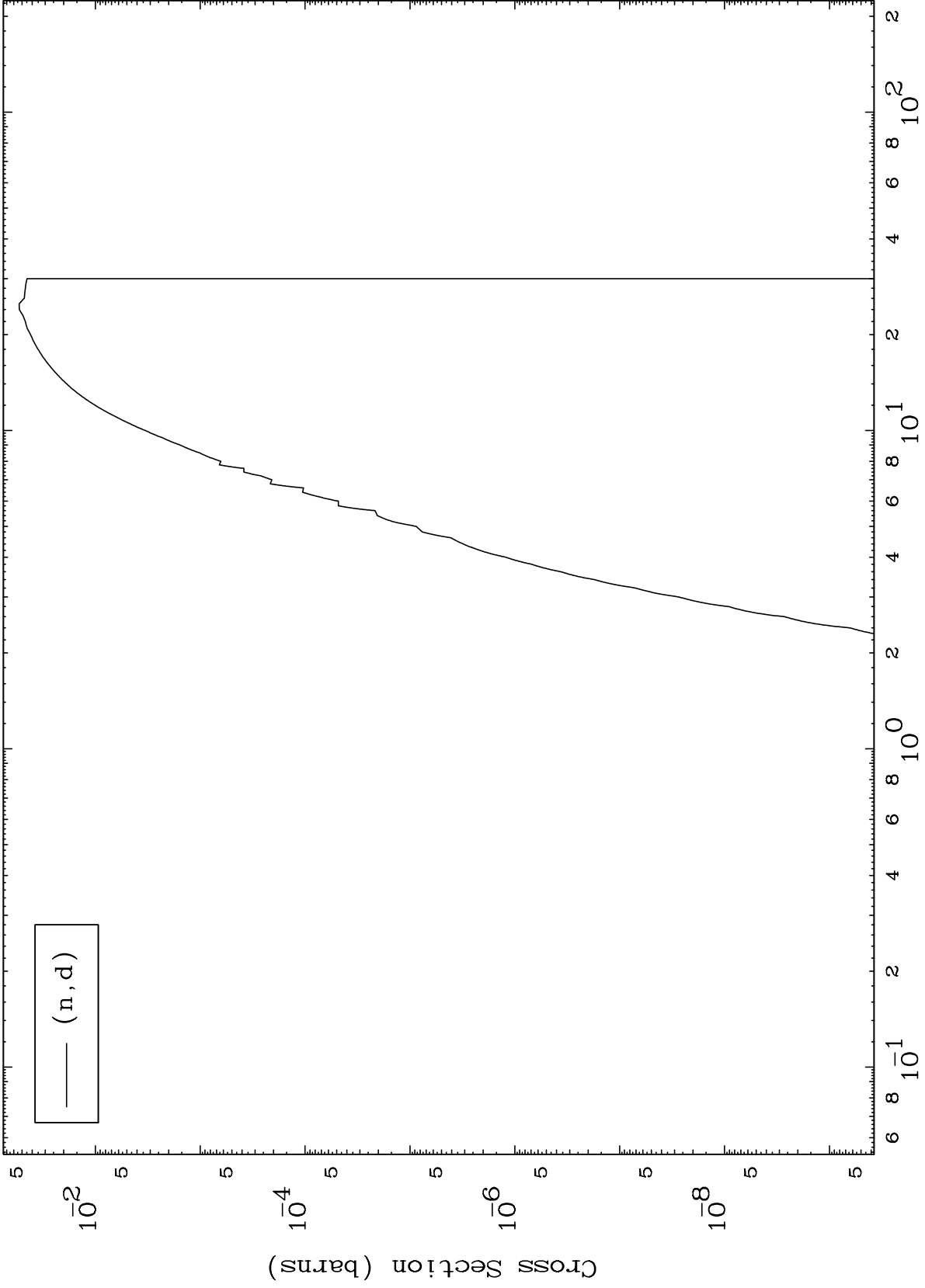
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MAT 5095

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-111



12

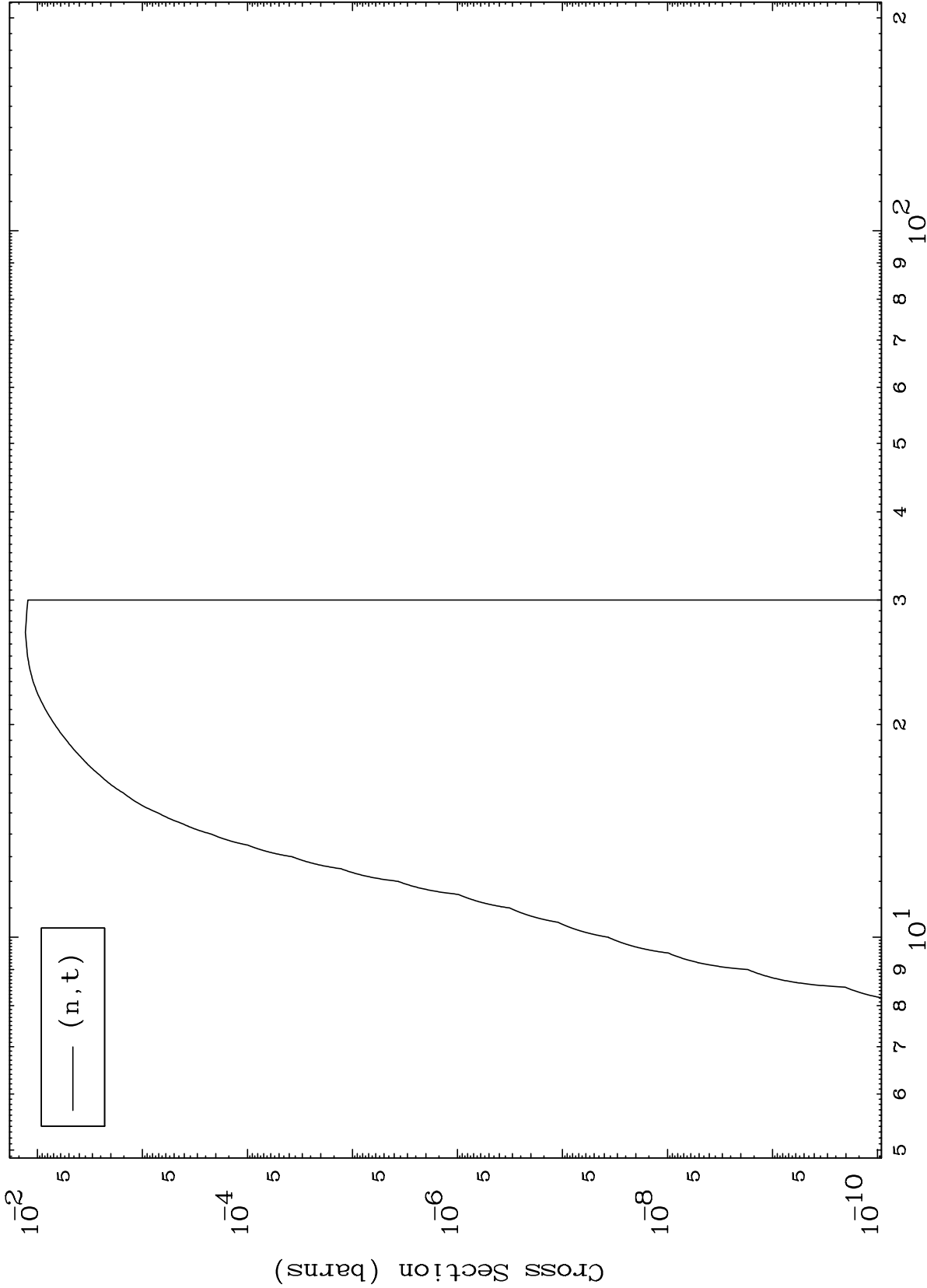
Incident Energy (MeV)

51-Sb-111

MAT 5095

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-111



(n,t)

13

Incident Energy (MeV)

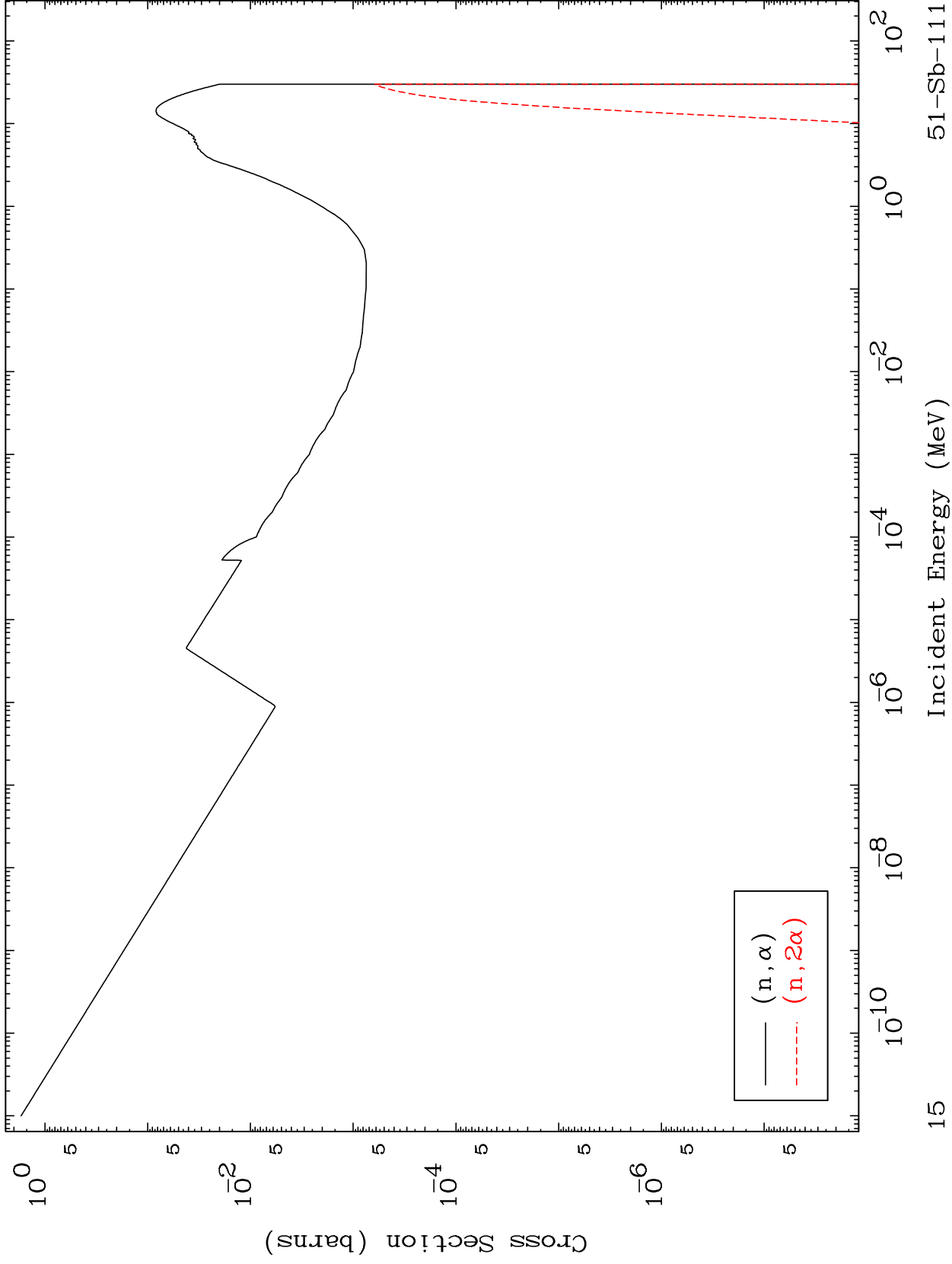
51-Sb-111



MAT 5095

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

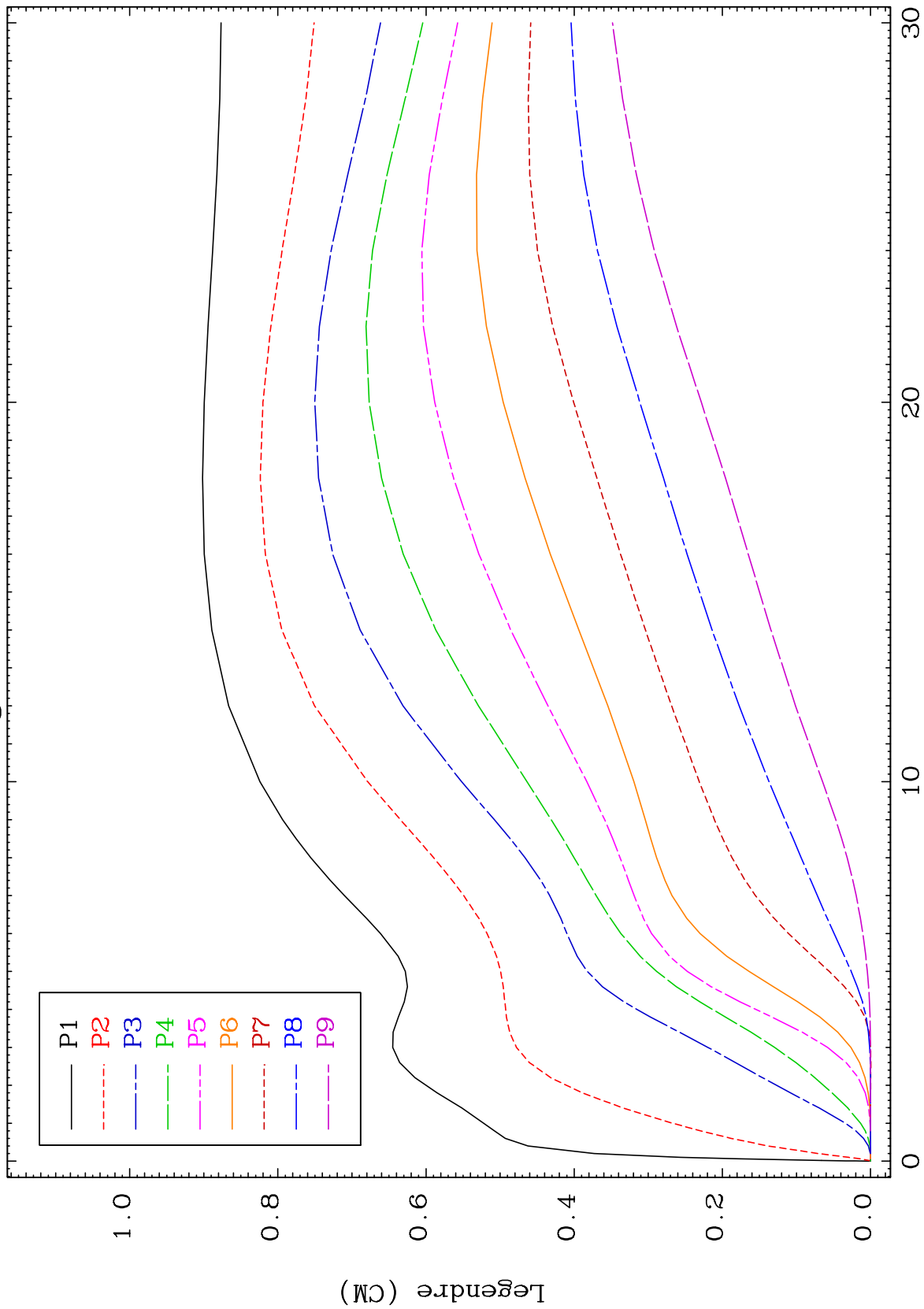
51-Sb-111



MAT 5095

Elastic Legendre Coefficients

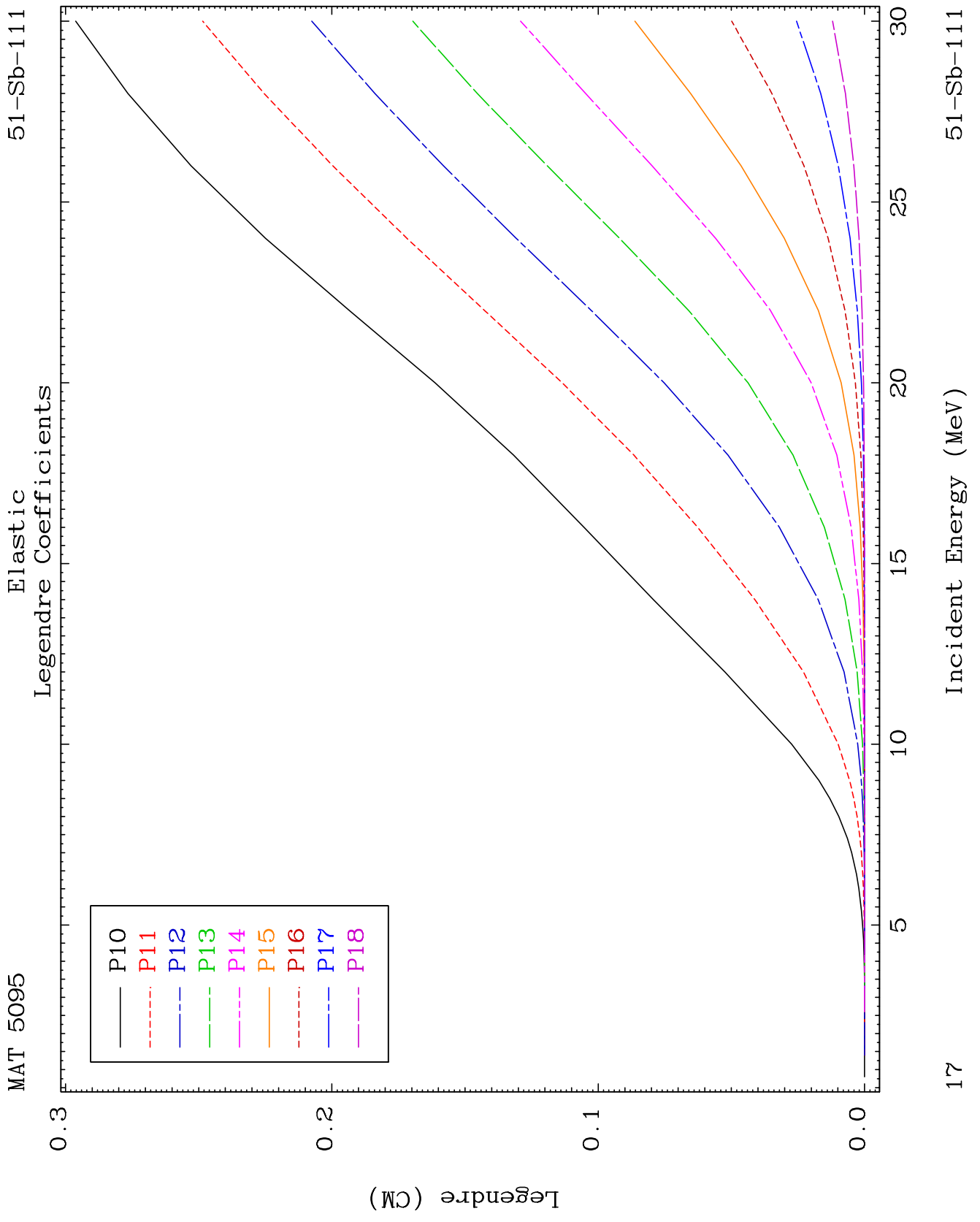
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16

Incident Energy (MeV)

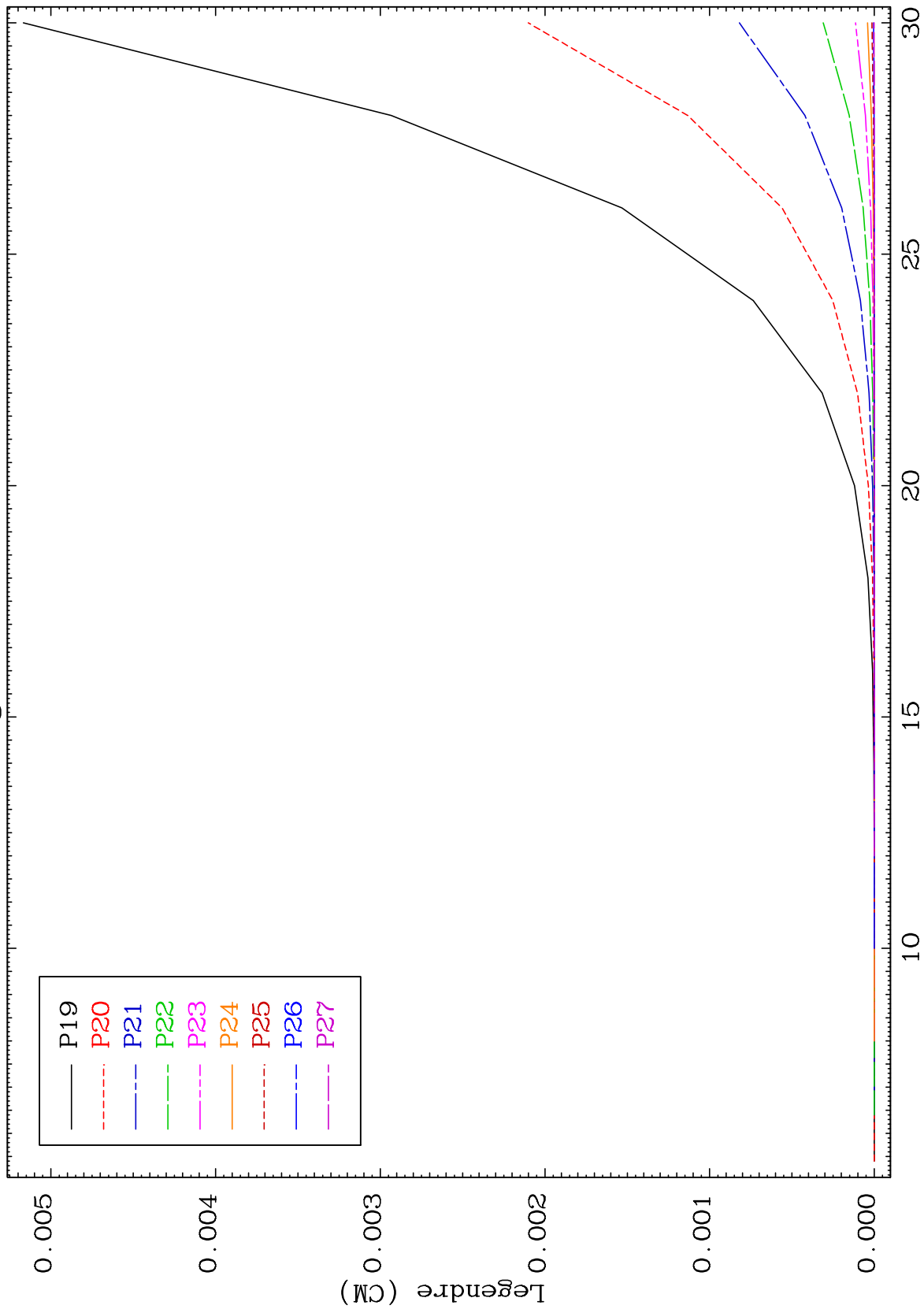
51-Sb-111



MAT 5095

### Elastic Legendre Coefficients

51-Sb-111



18

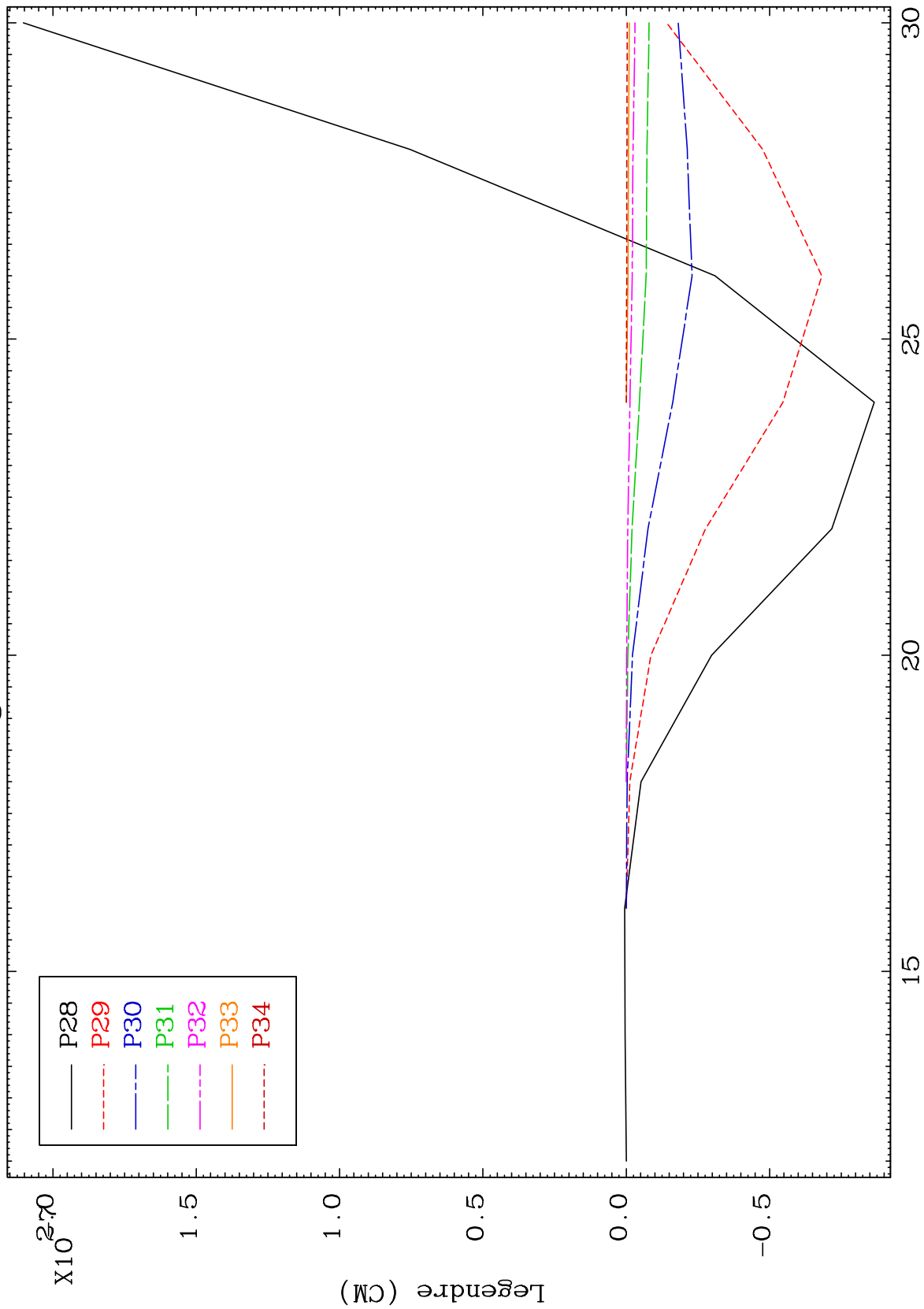
Incident Energy (MeV)

51-Sb-111

MAT 5095

Elastic Legendre Coefficients

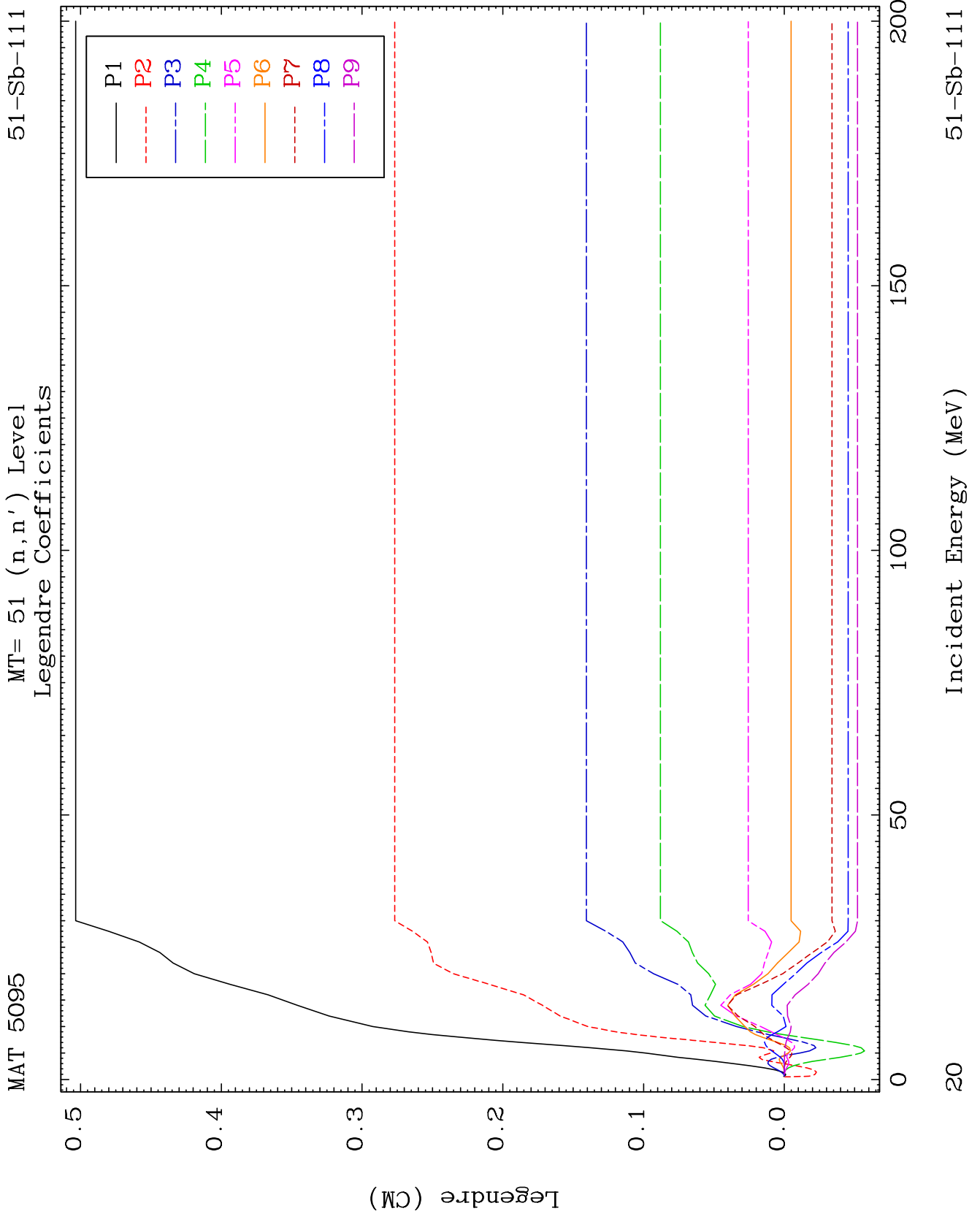
51-Sb-111



19

Incident Energy (MeV)

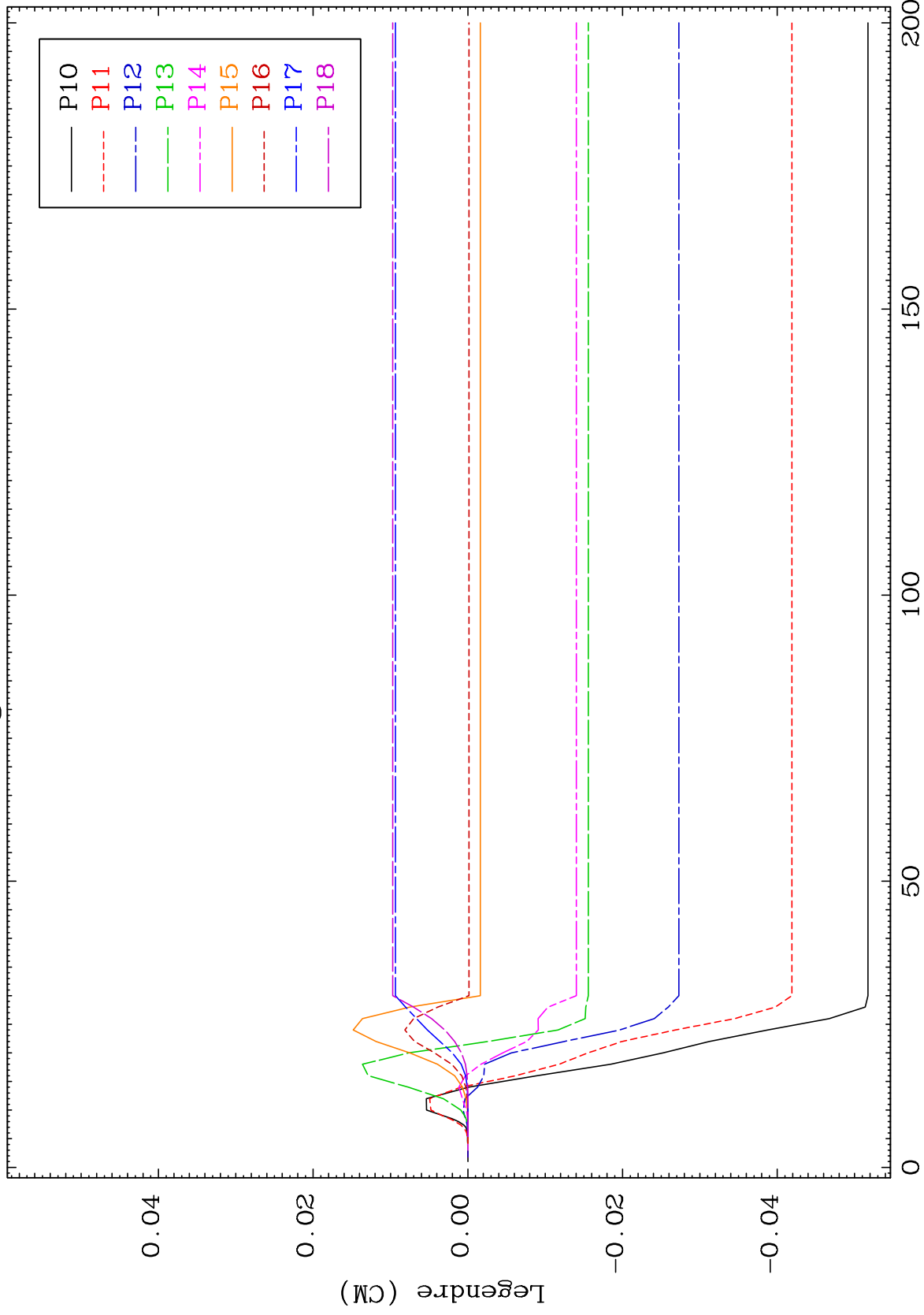
51-Sb-111



MAT 5095

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

51-Sb-111



21

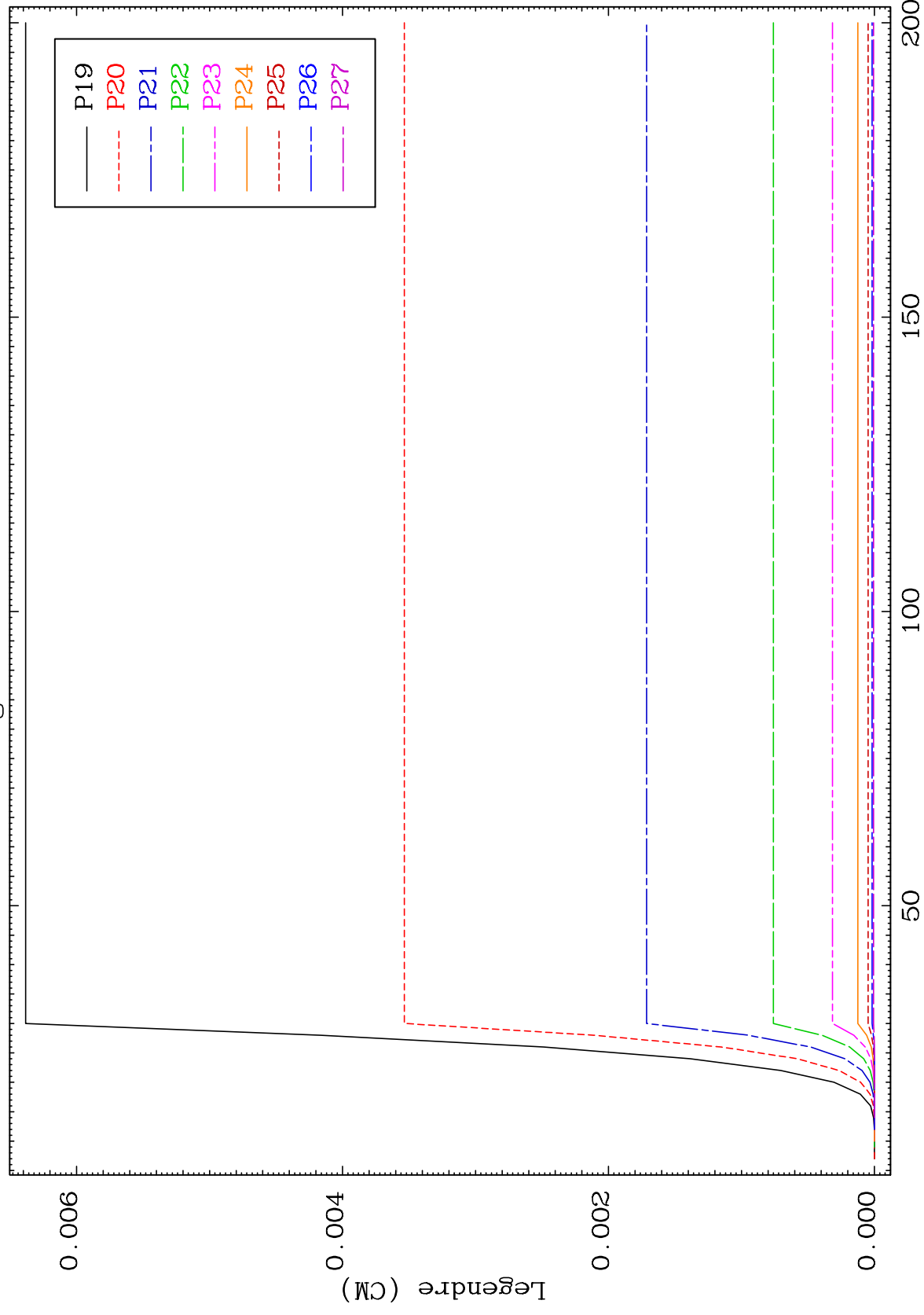
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



22

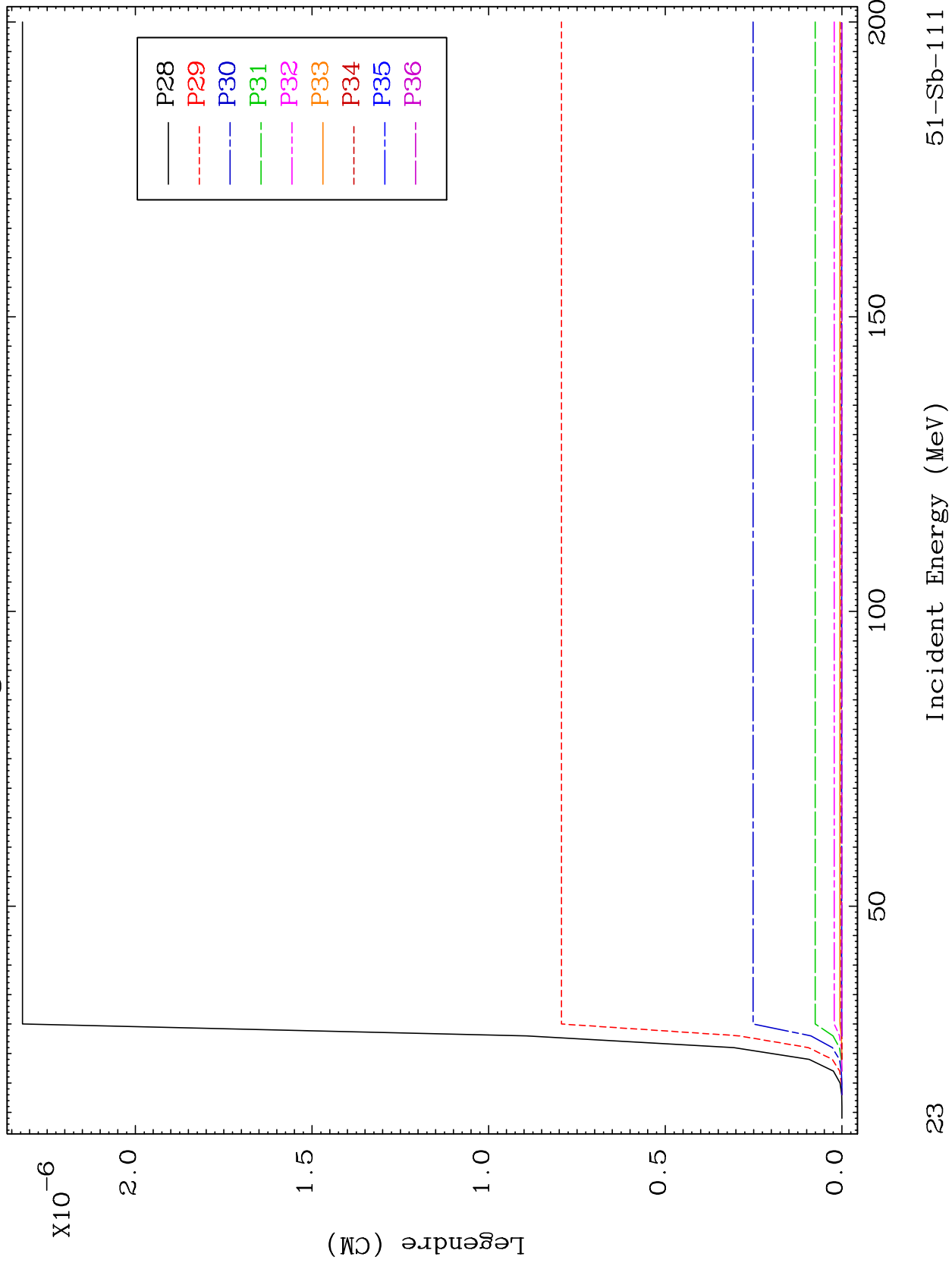
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



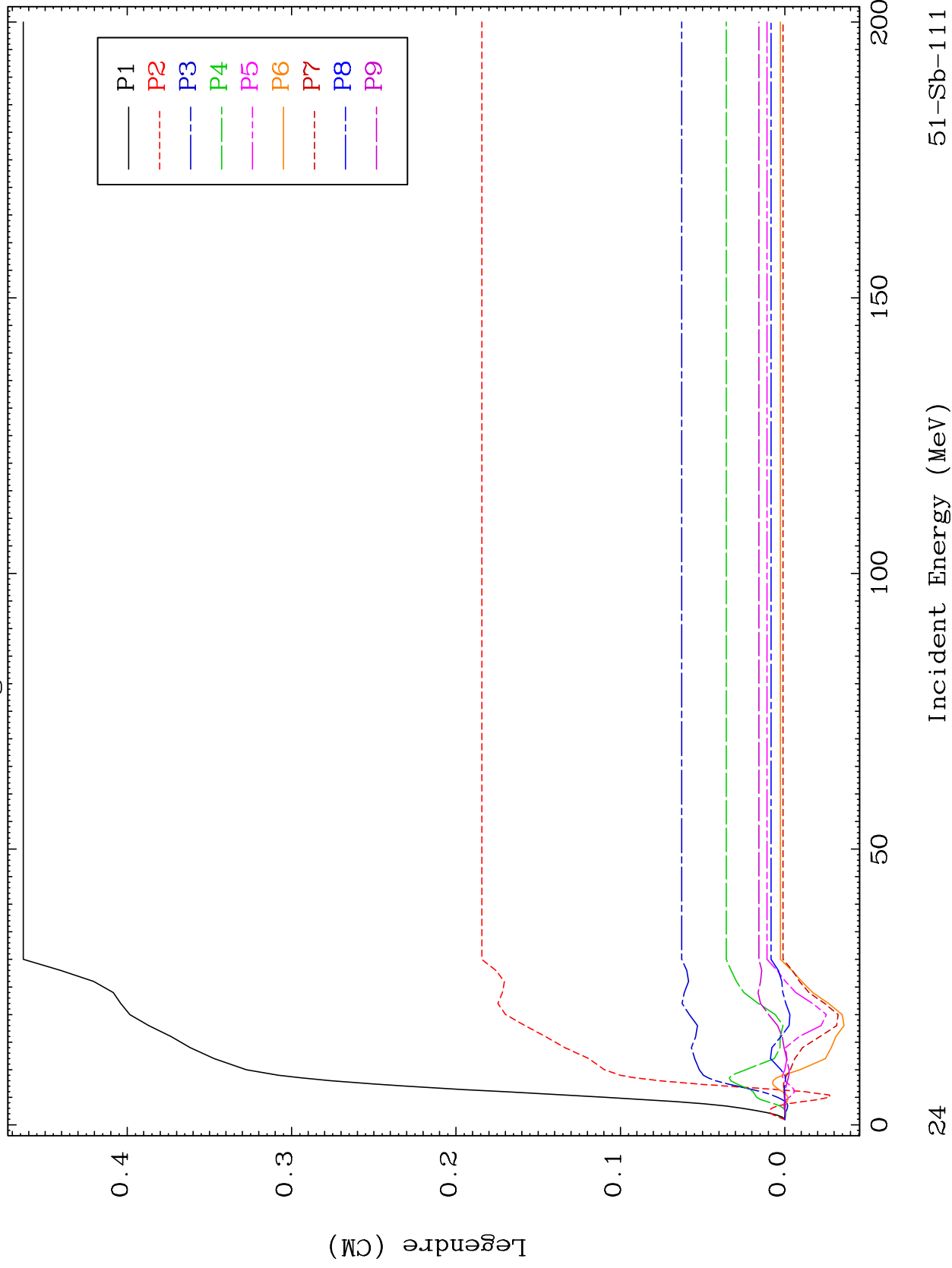
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51-Sb-111

MAT 5095

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

51-Sb-111



51-Sb-111

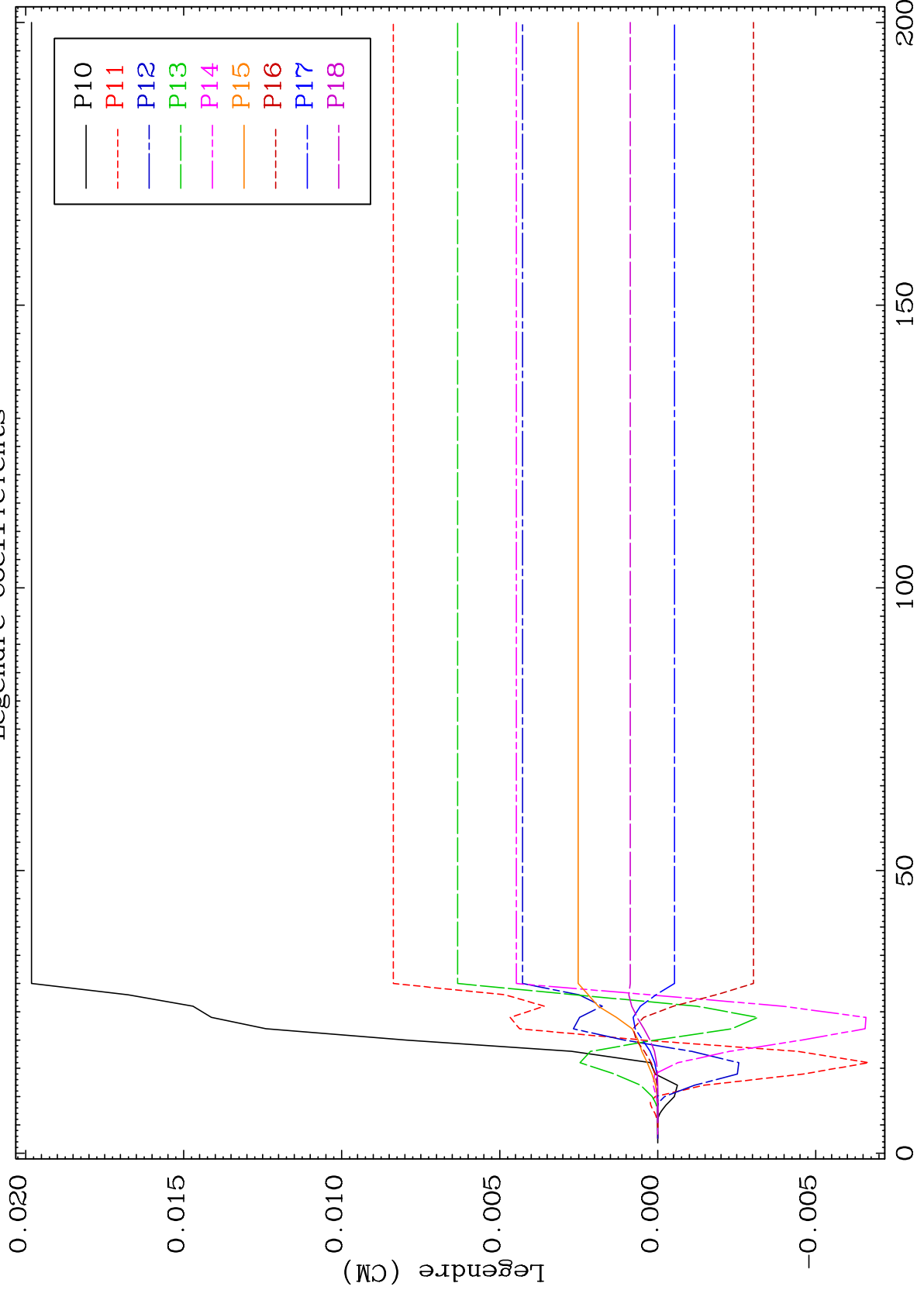
Incident Energy (MeV)

24

MAT 5095

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

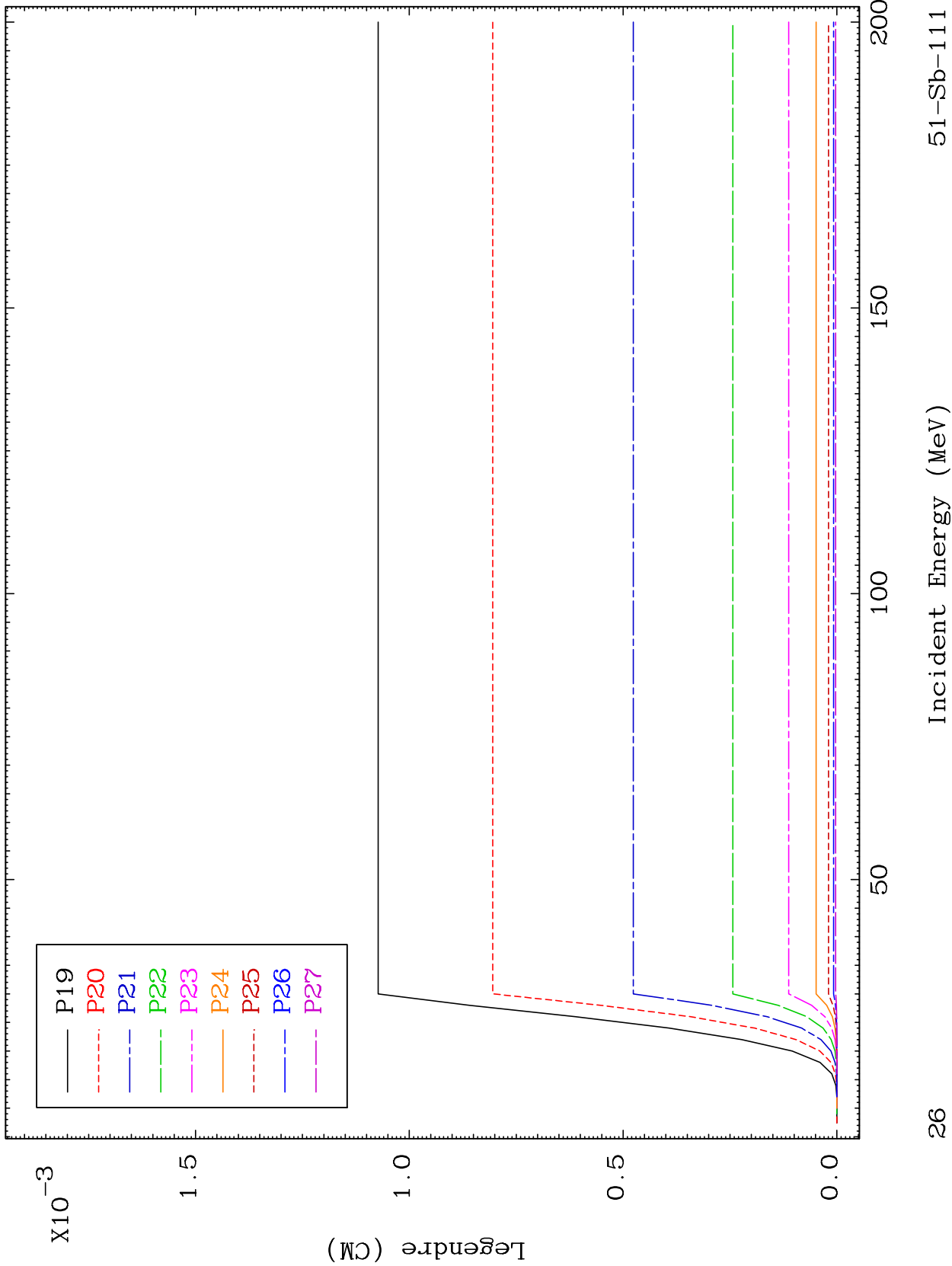
51-Sb-111



51-Sb-111

Incident Energy (MeV)

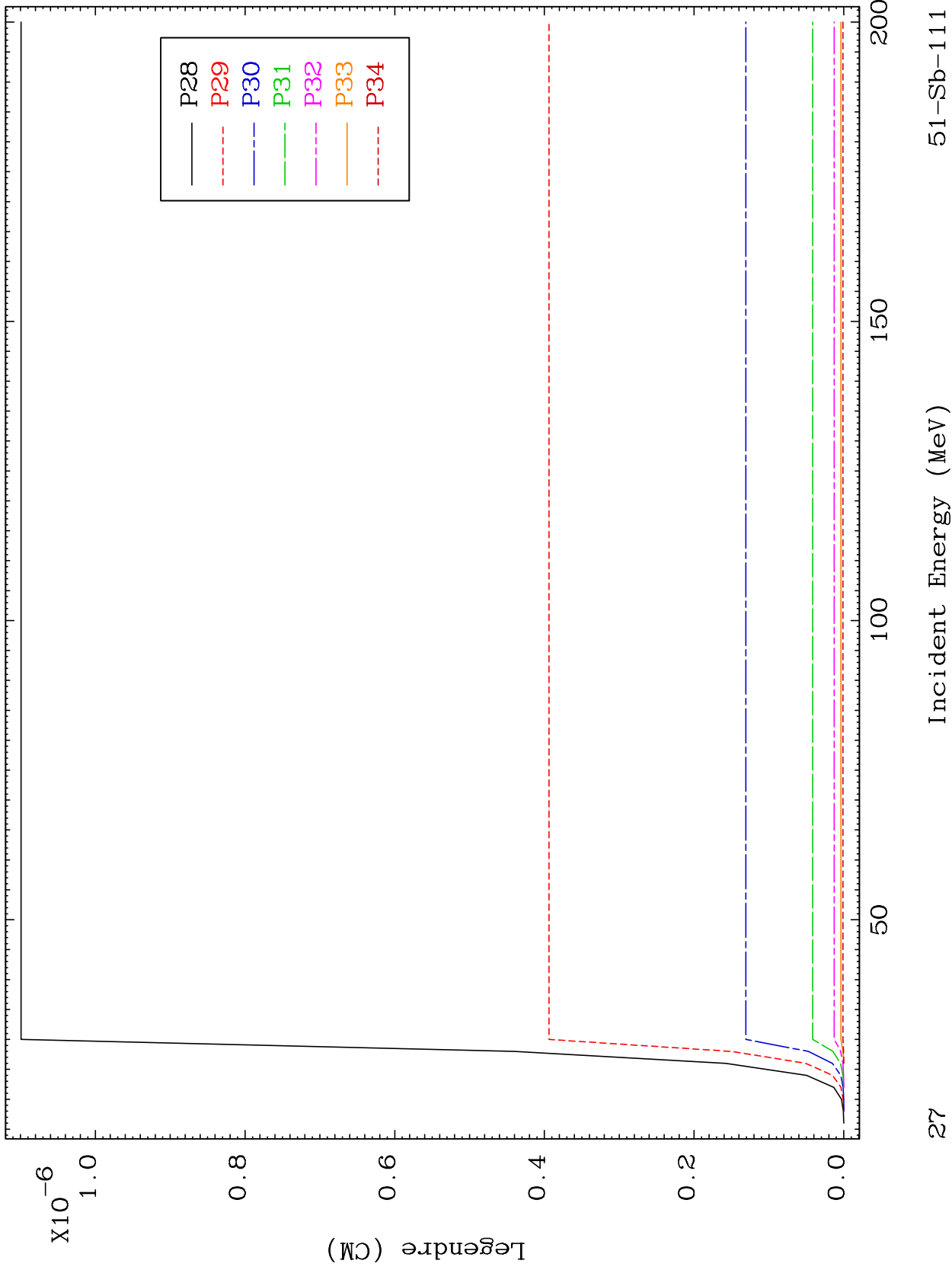
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MAT 5095

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

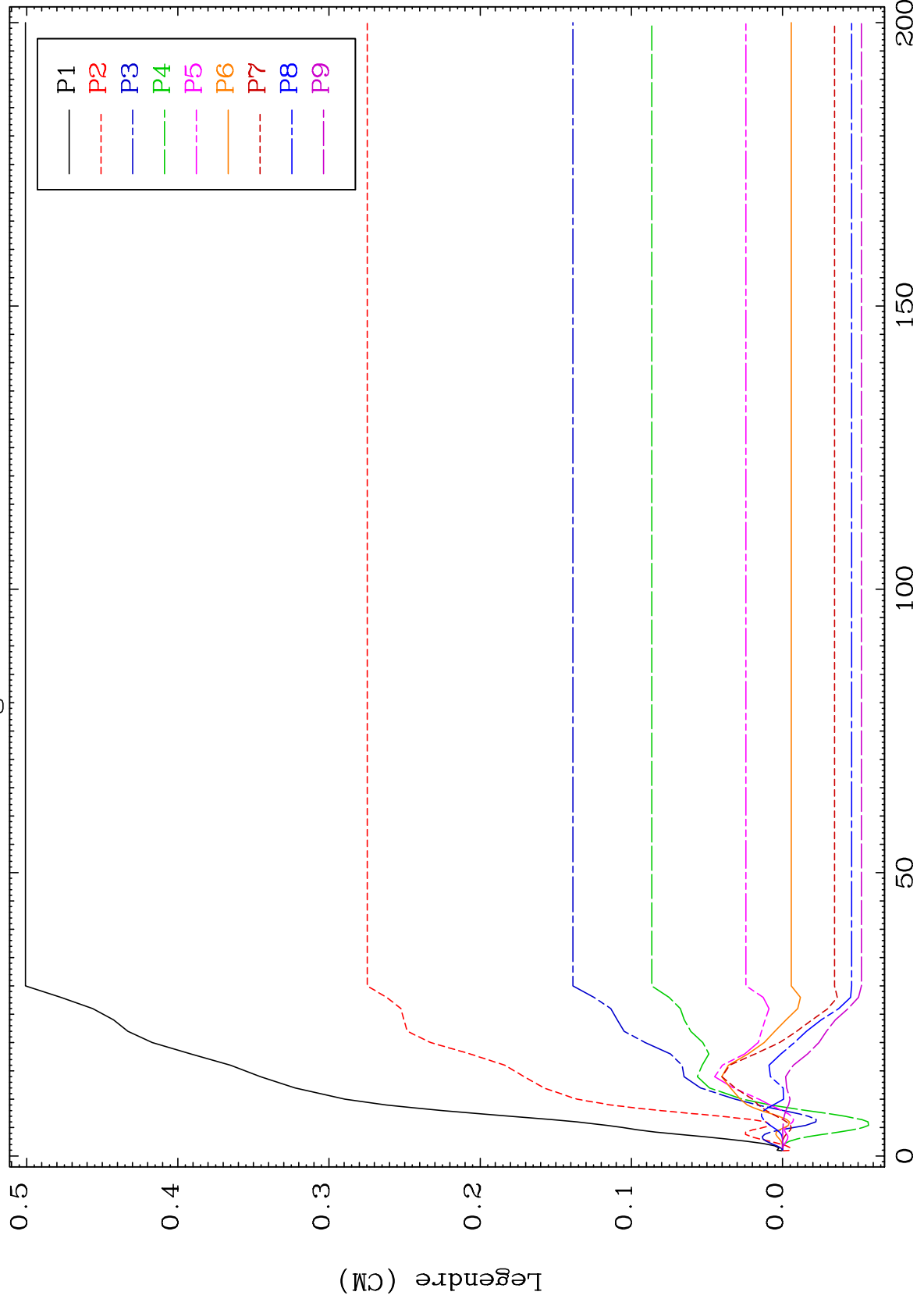
51-Sb-111



MAT 5095

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

51-Sb-111



28

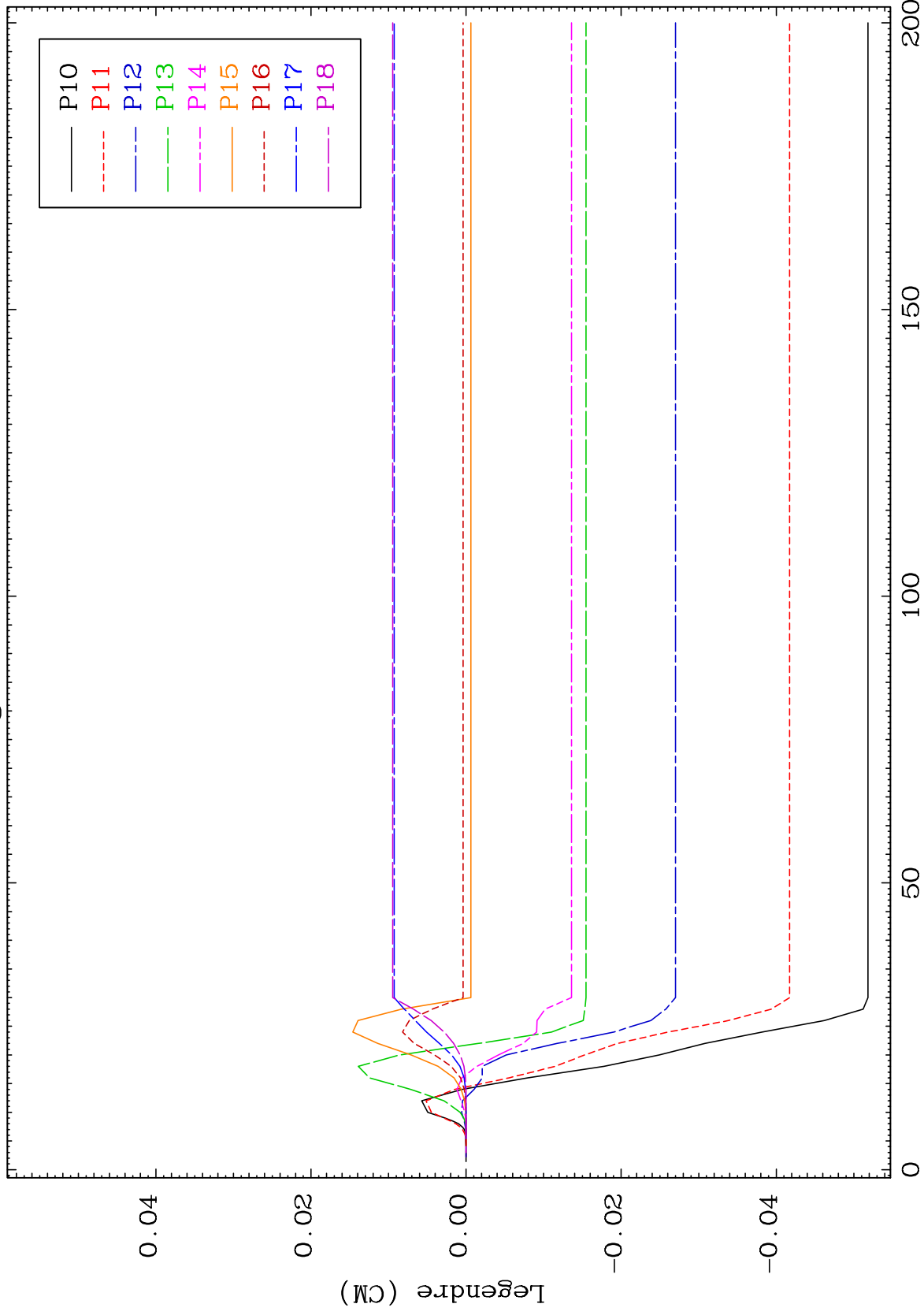
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



29

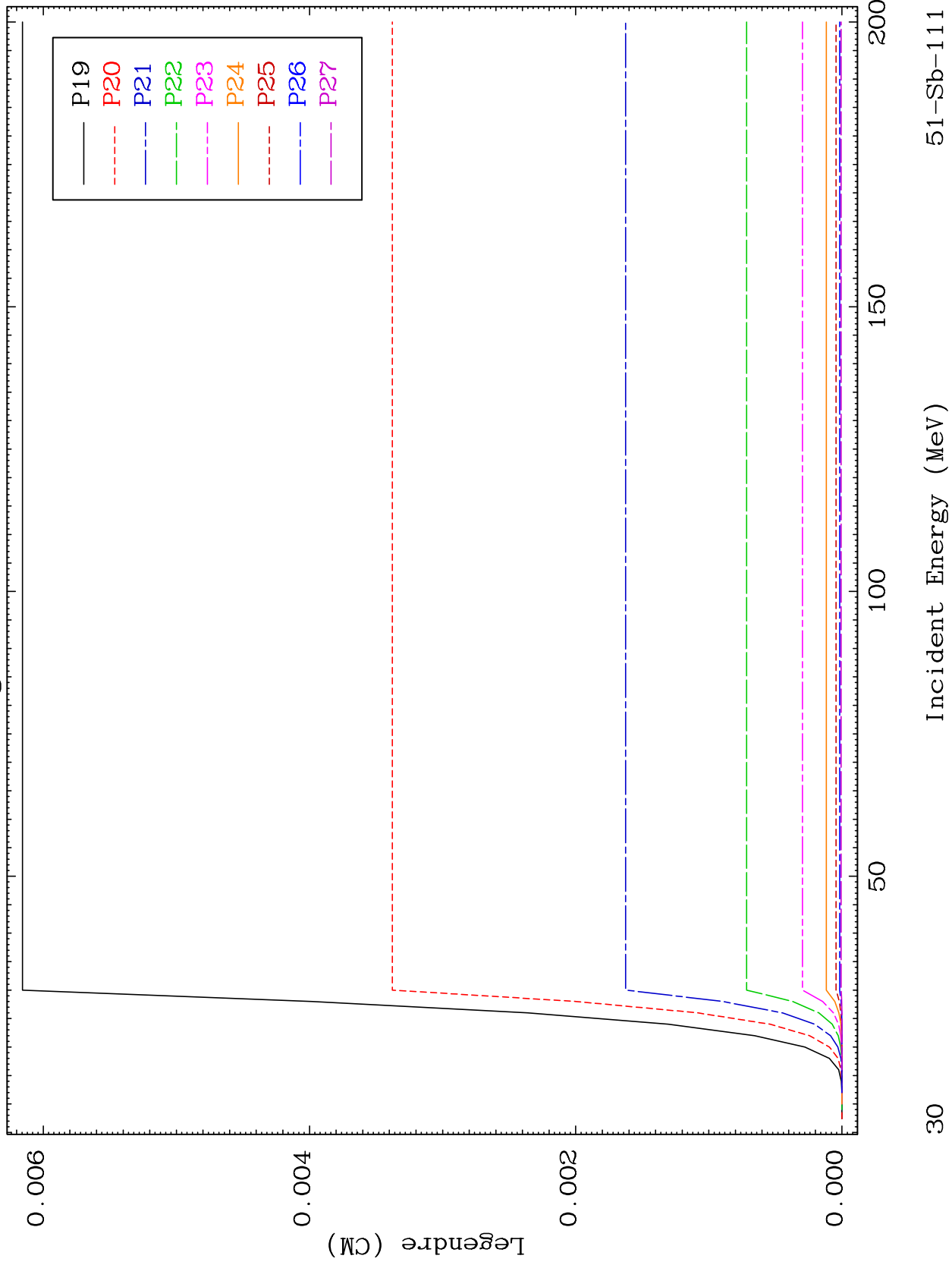
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



51-Sb-111

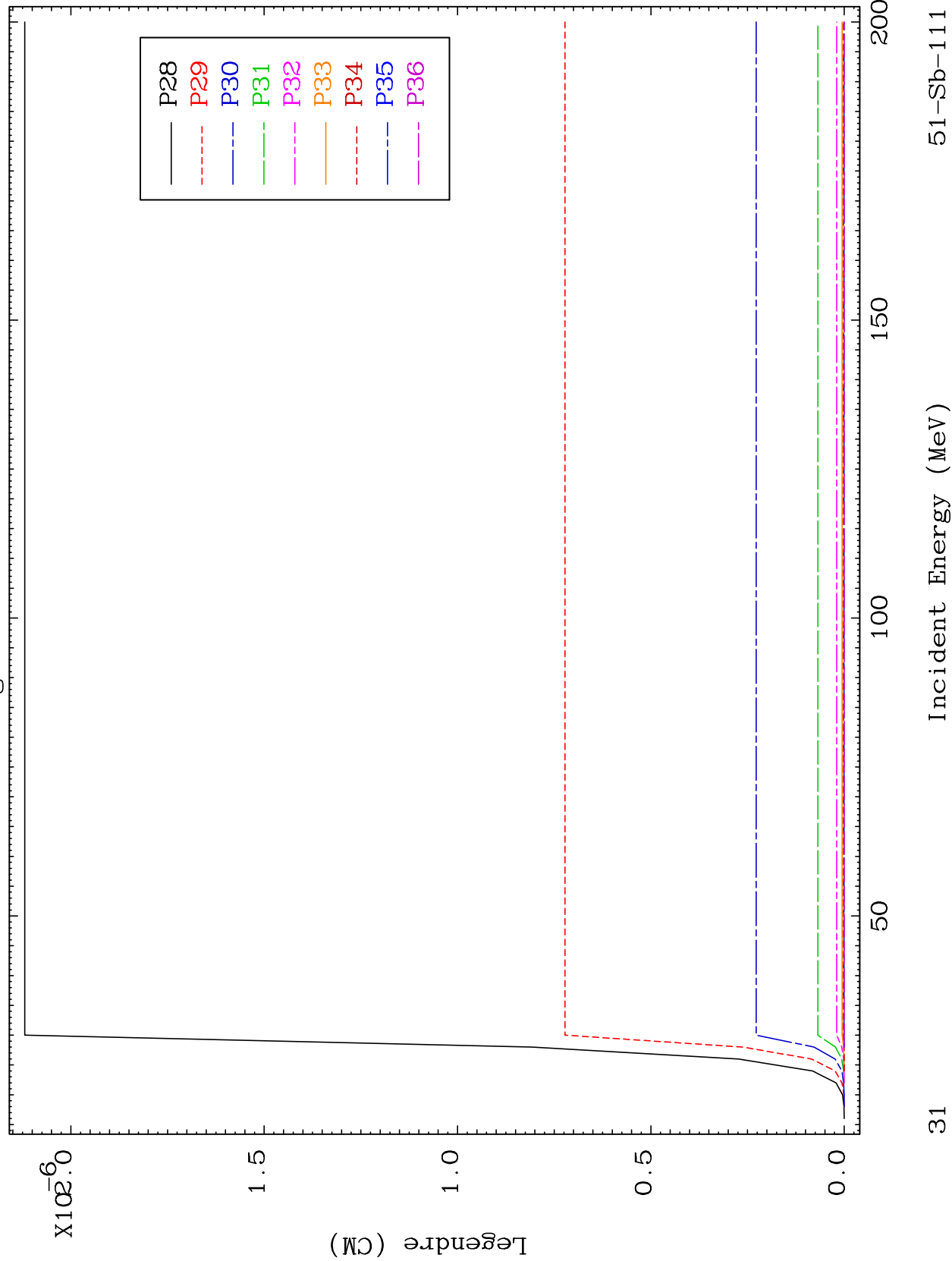
Incident Energy (MeV)

30

MAT 5095

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

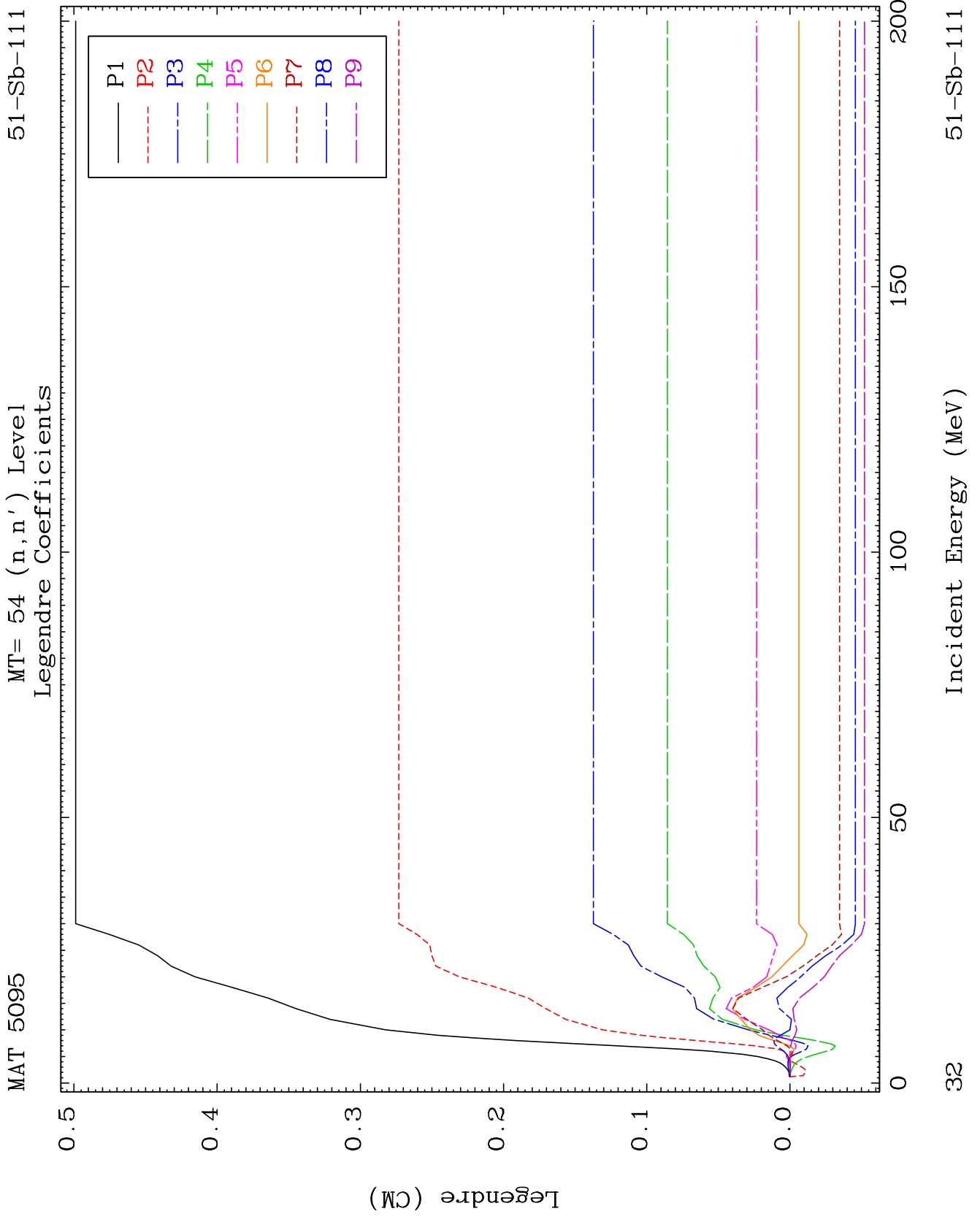
51-Sb-111



31

Incident Energy (MeV)

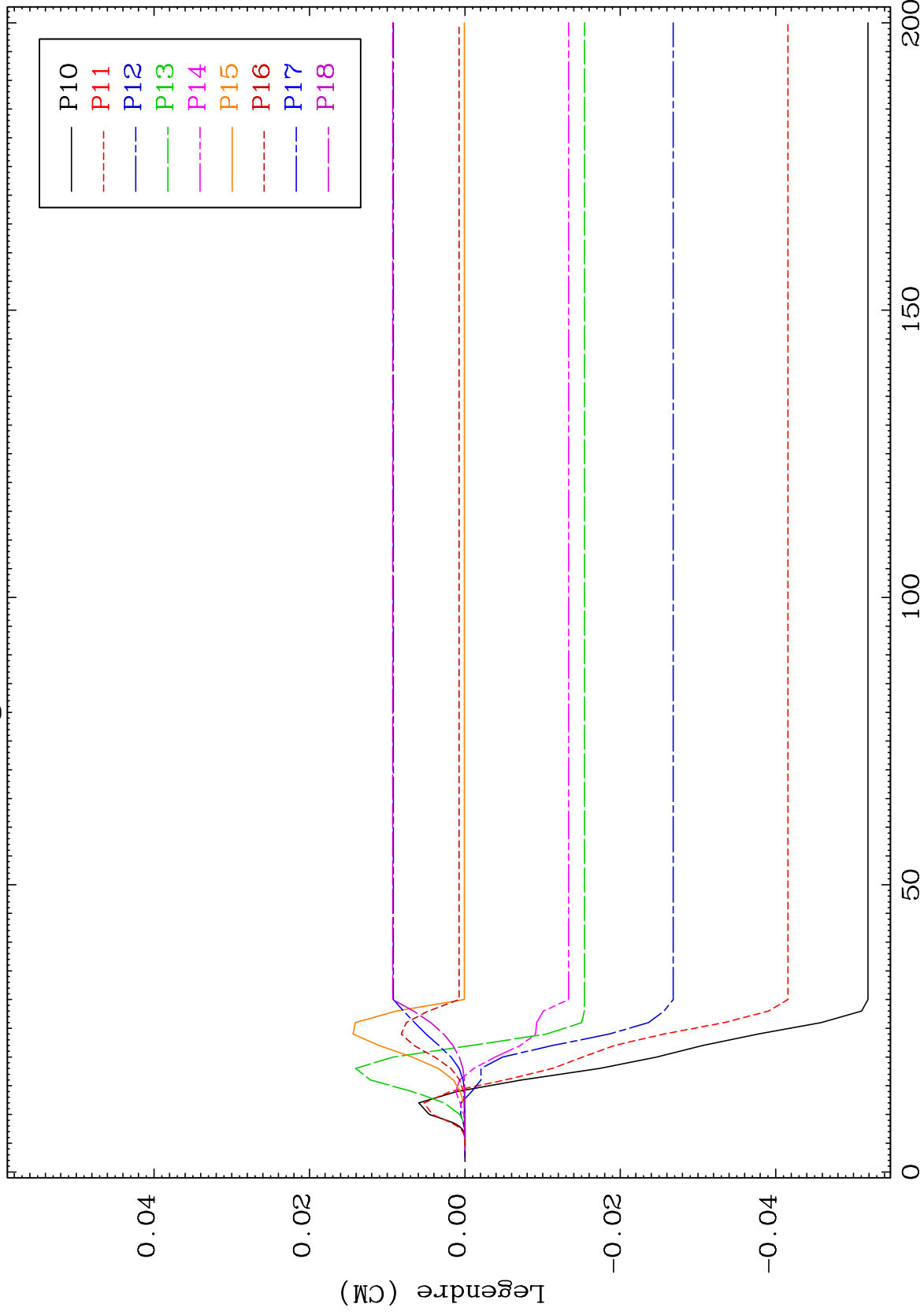
51-Sb-111



MAT 5095

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

51-Sb-111



33

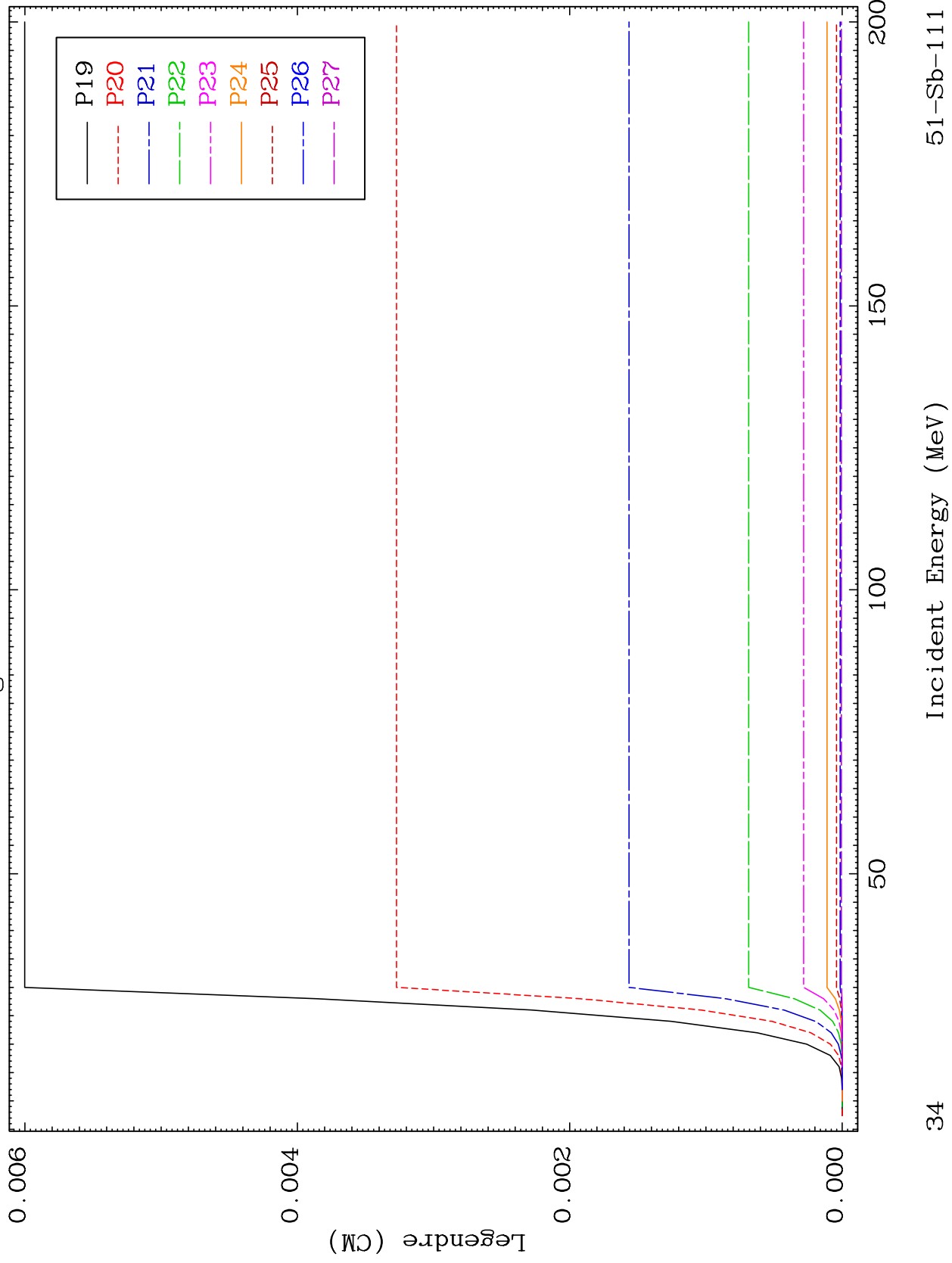
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



34

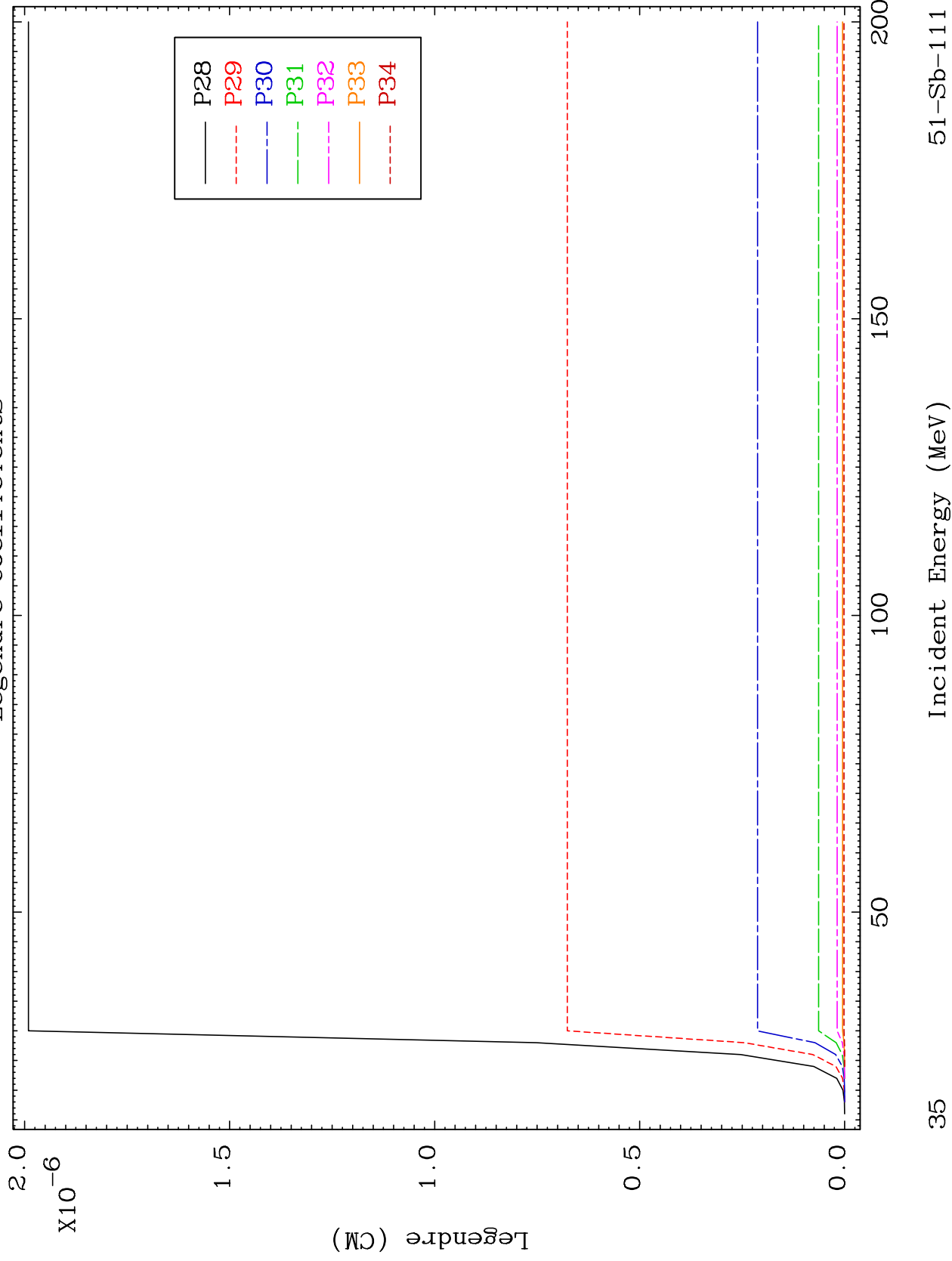
Incident Energy (MeV)

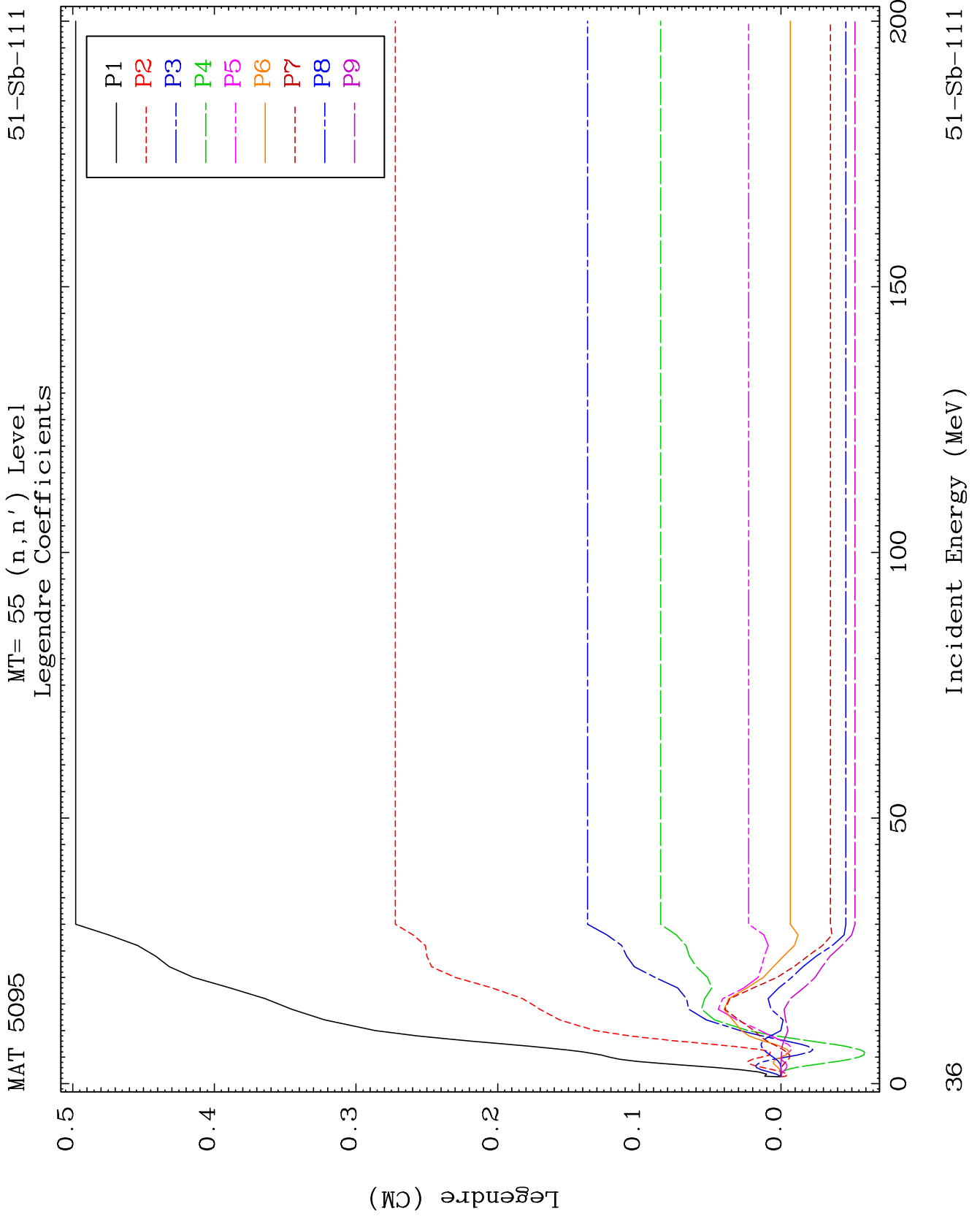
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MAT 5095

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

51-Sb-111

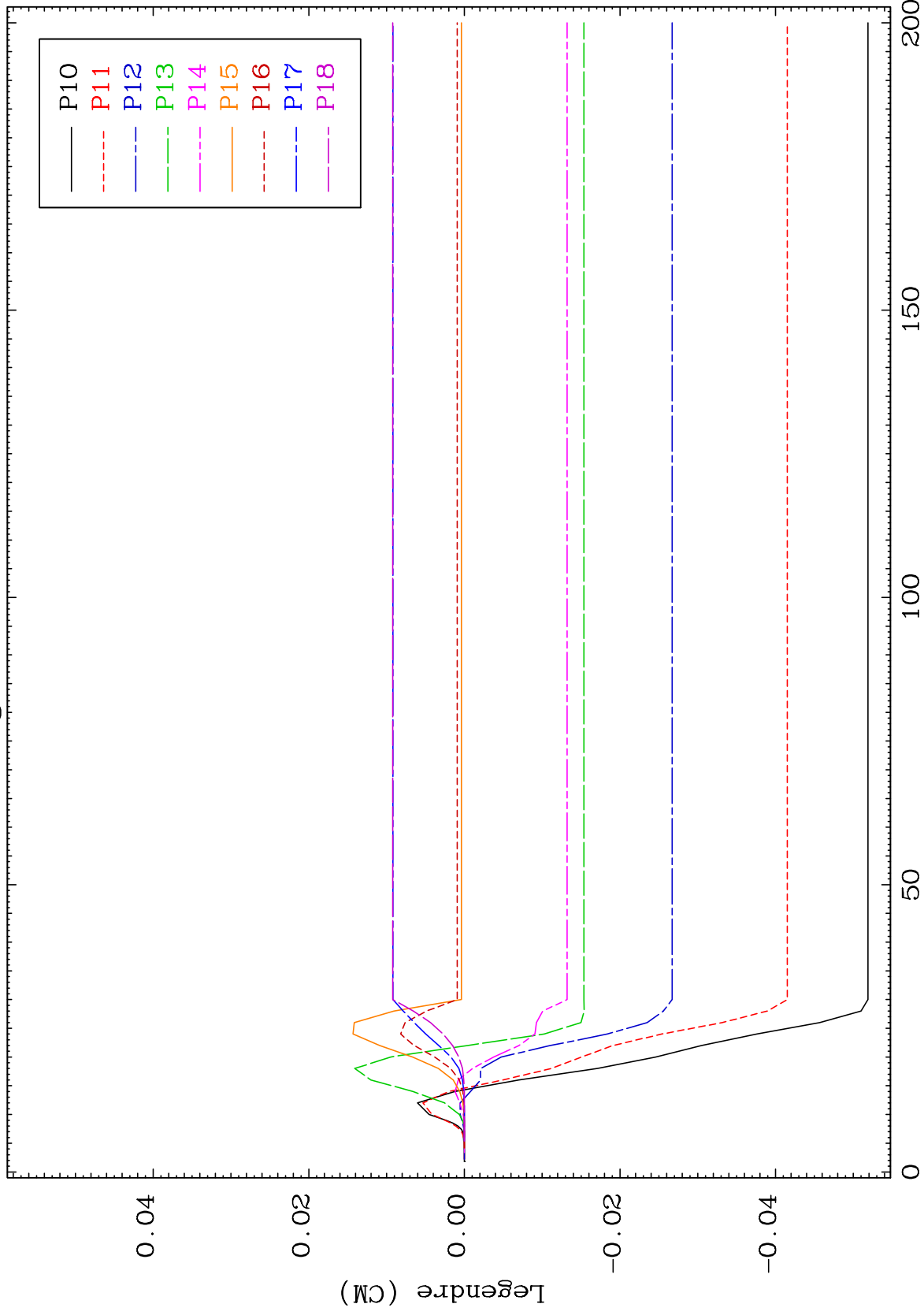




MAT 5095

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

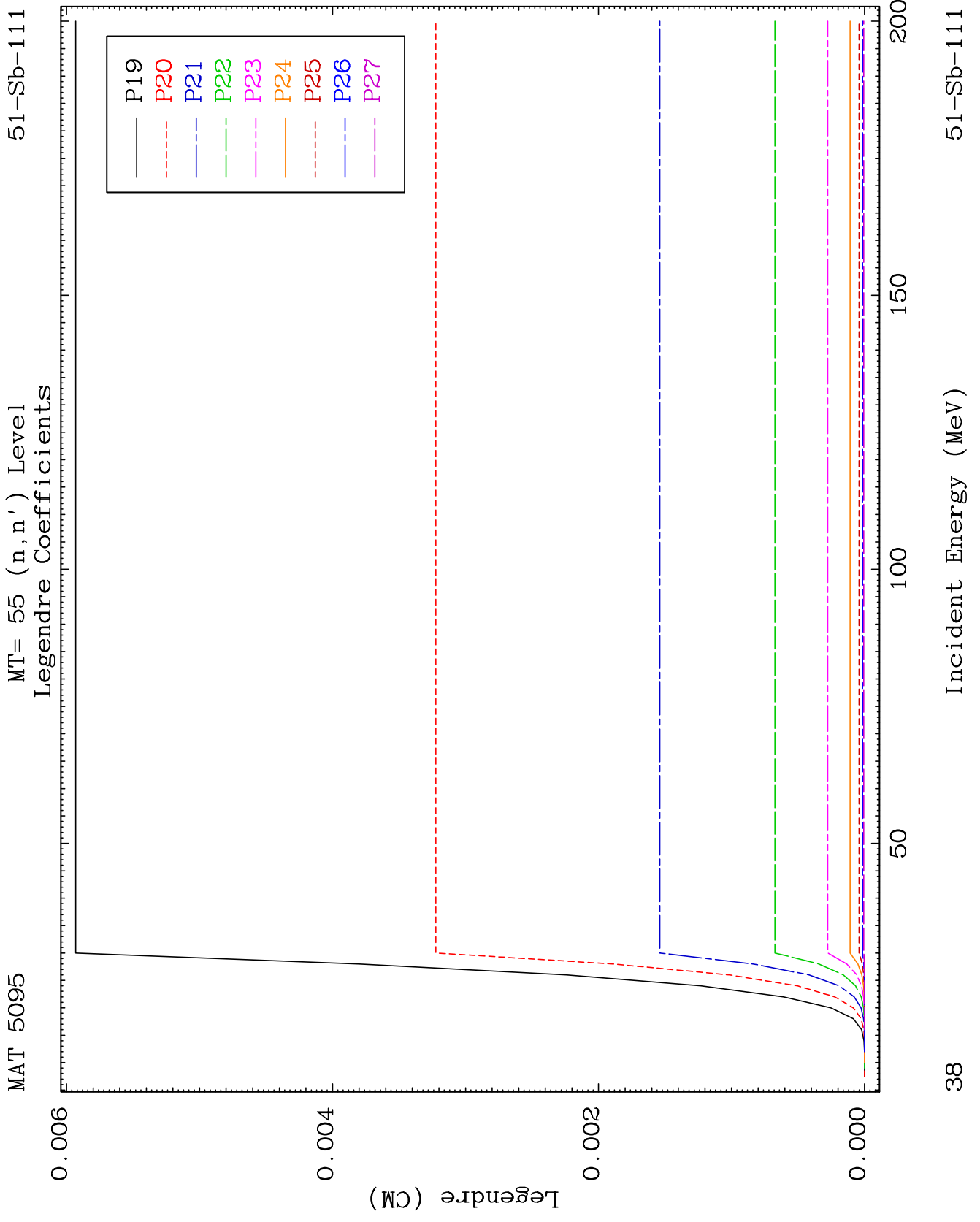
51-Sb-111



37

Incident Energy (MeV)

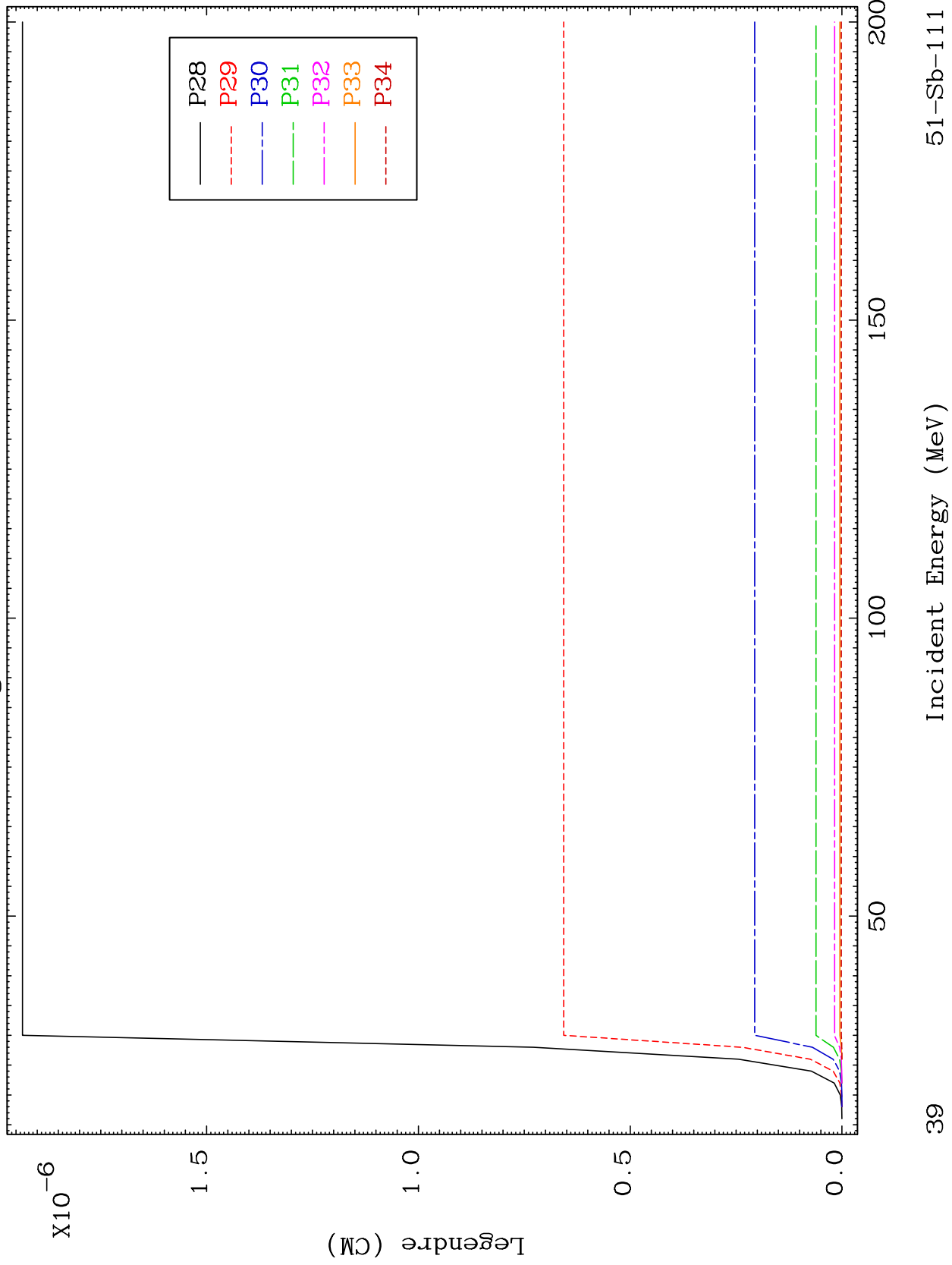
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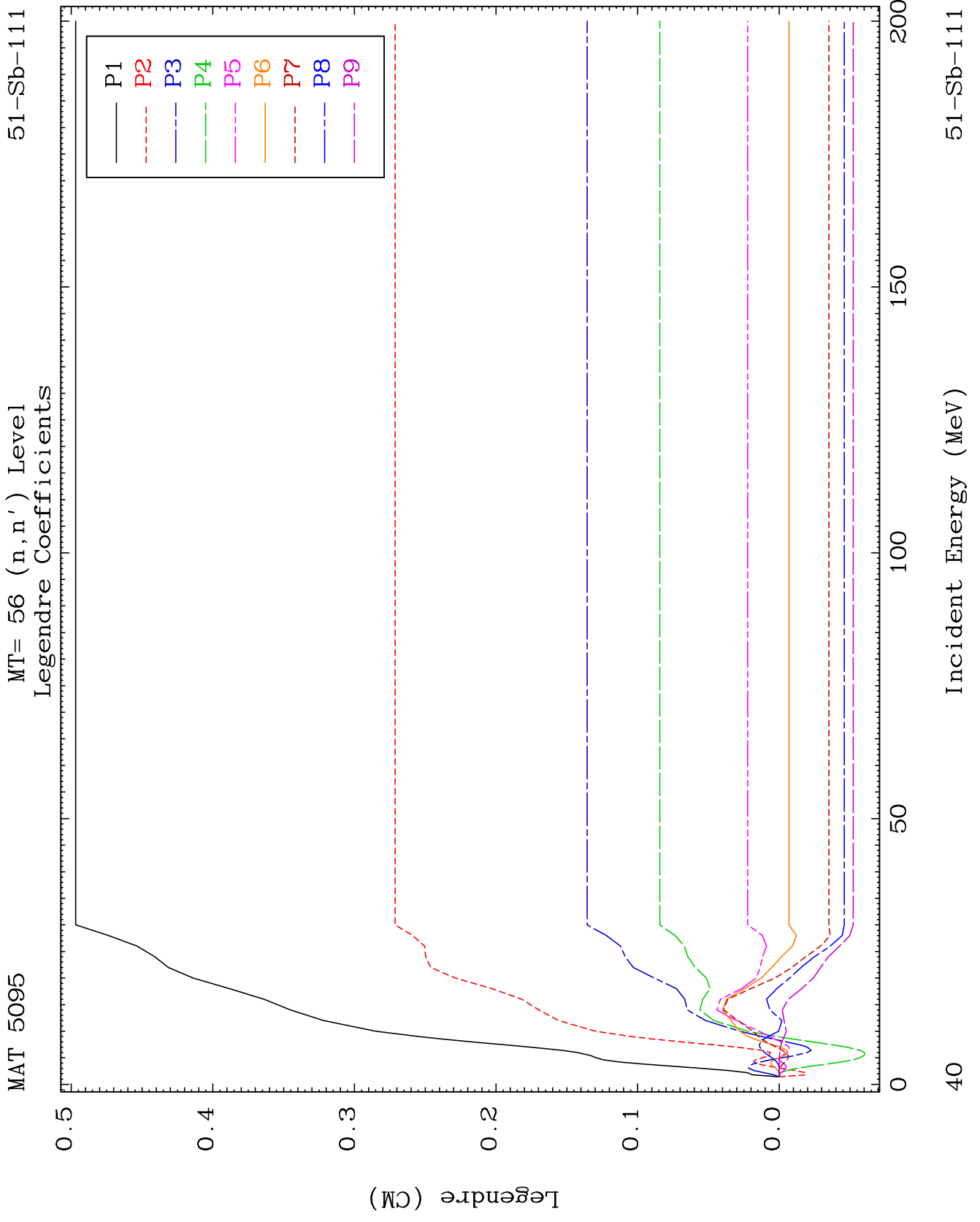


MAT 5095

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

51-Sb-111

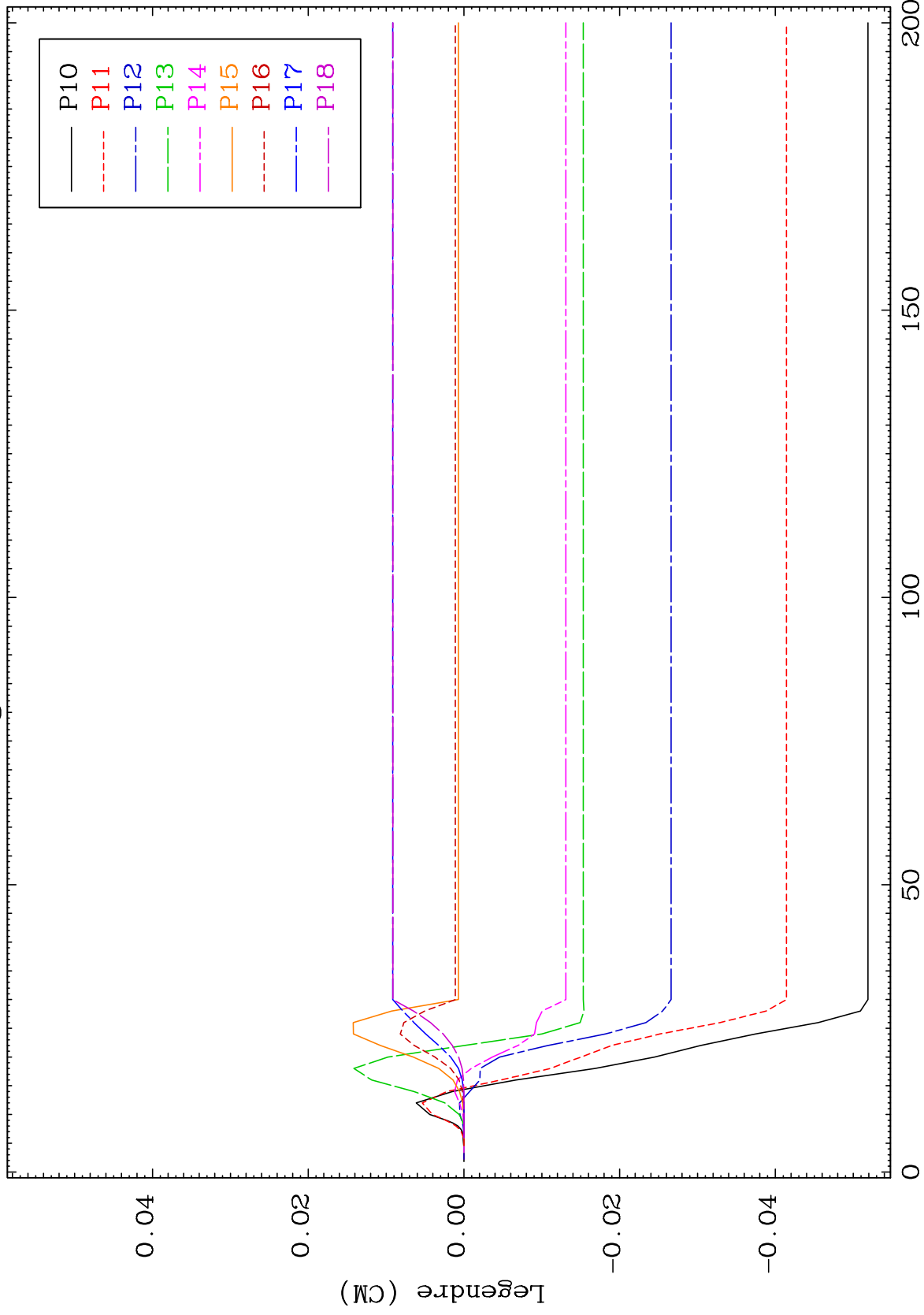




MAT 5095

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

51-Sb-111



41

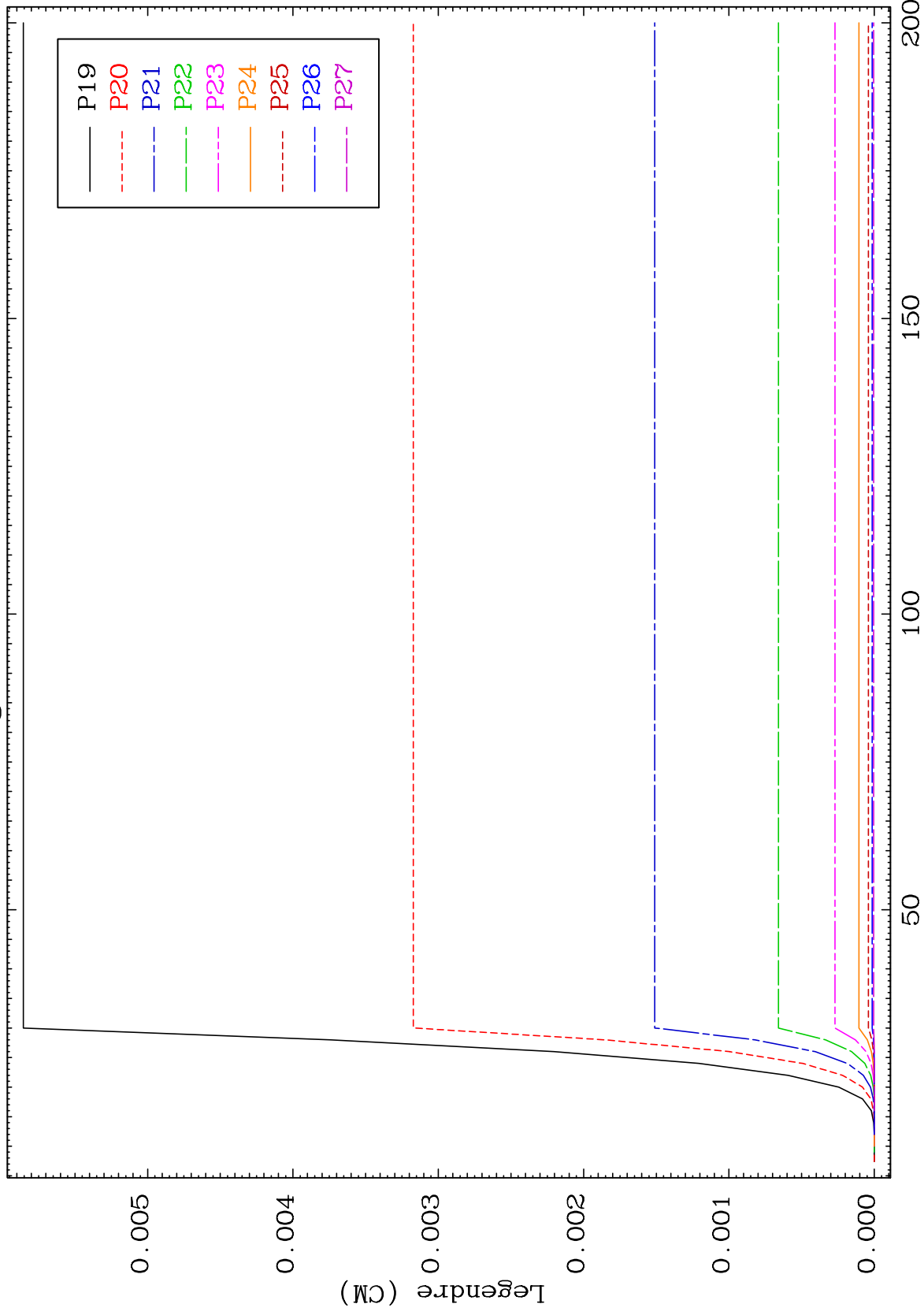
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



42

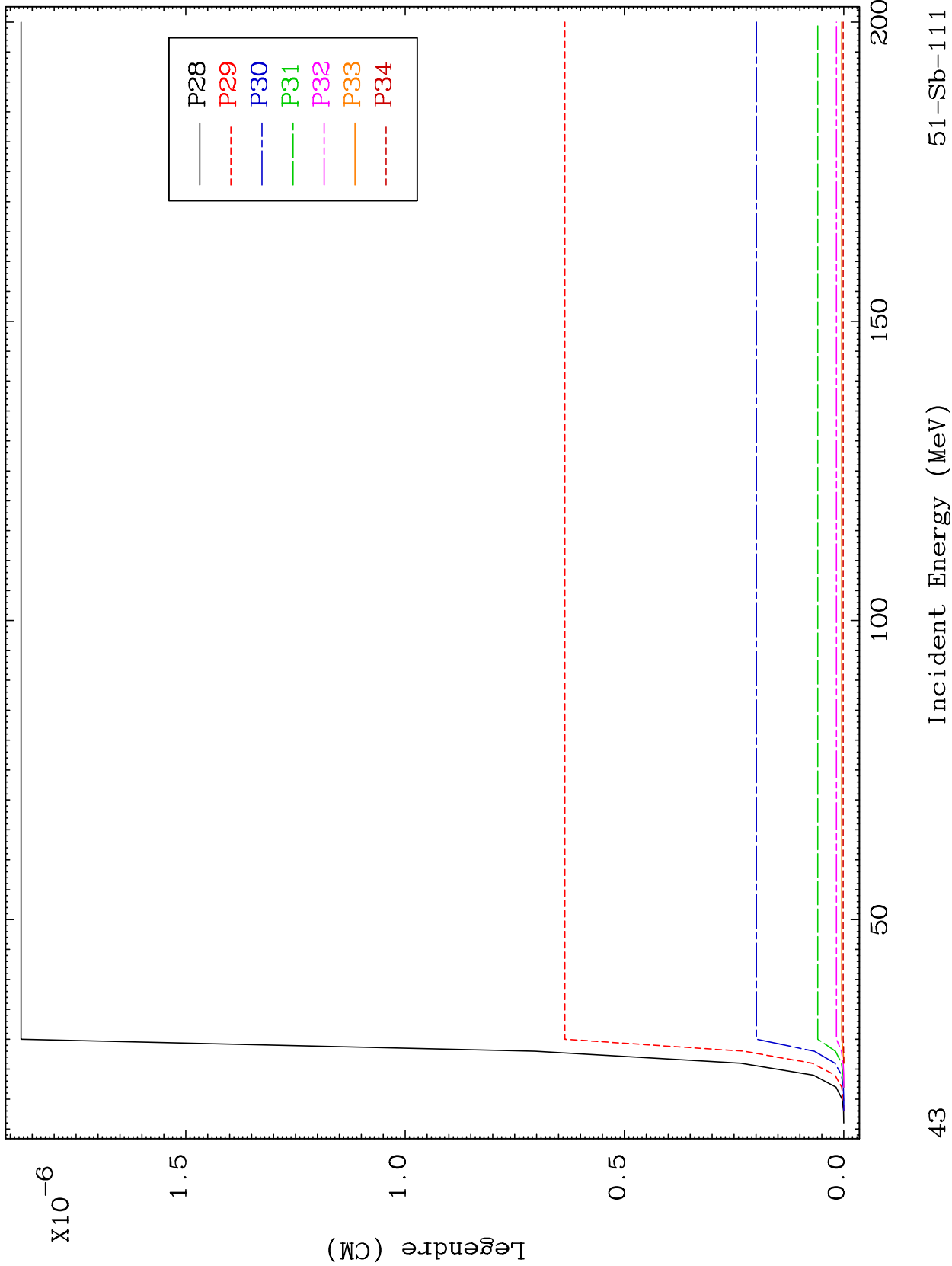
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

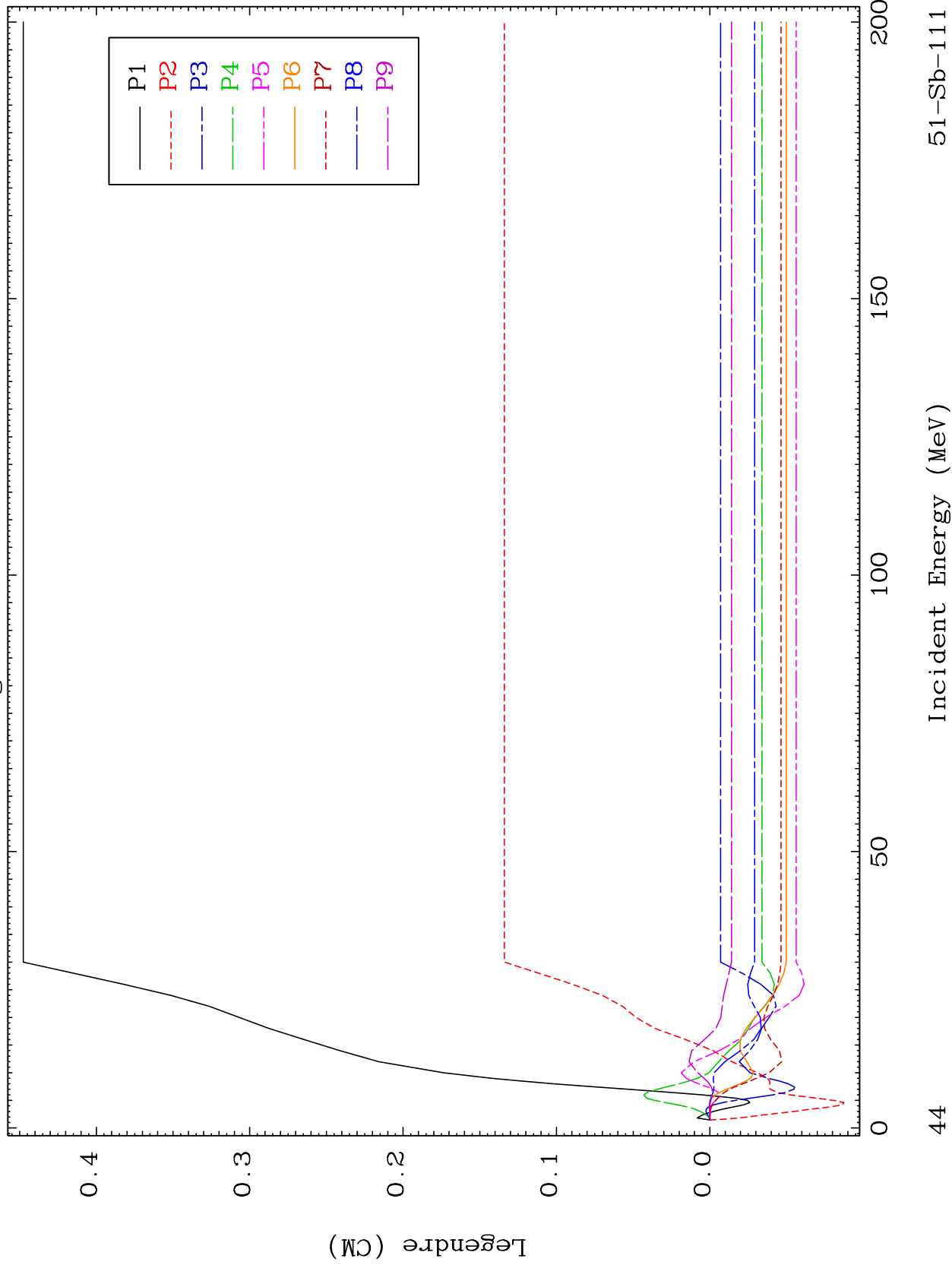
51-Sb-111



MAT 5095

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

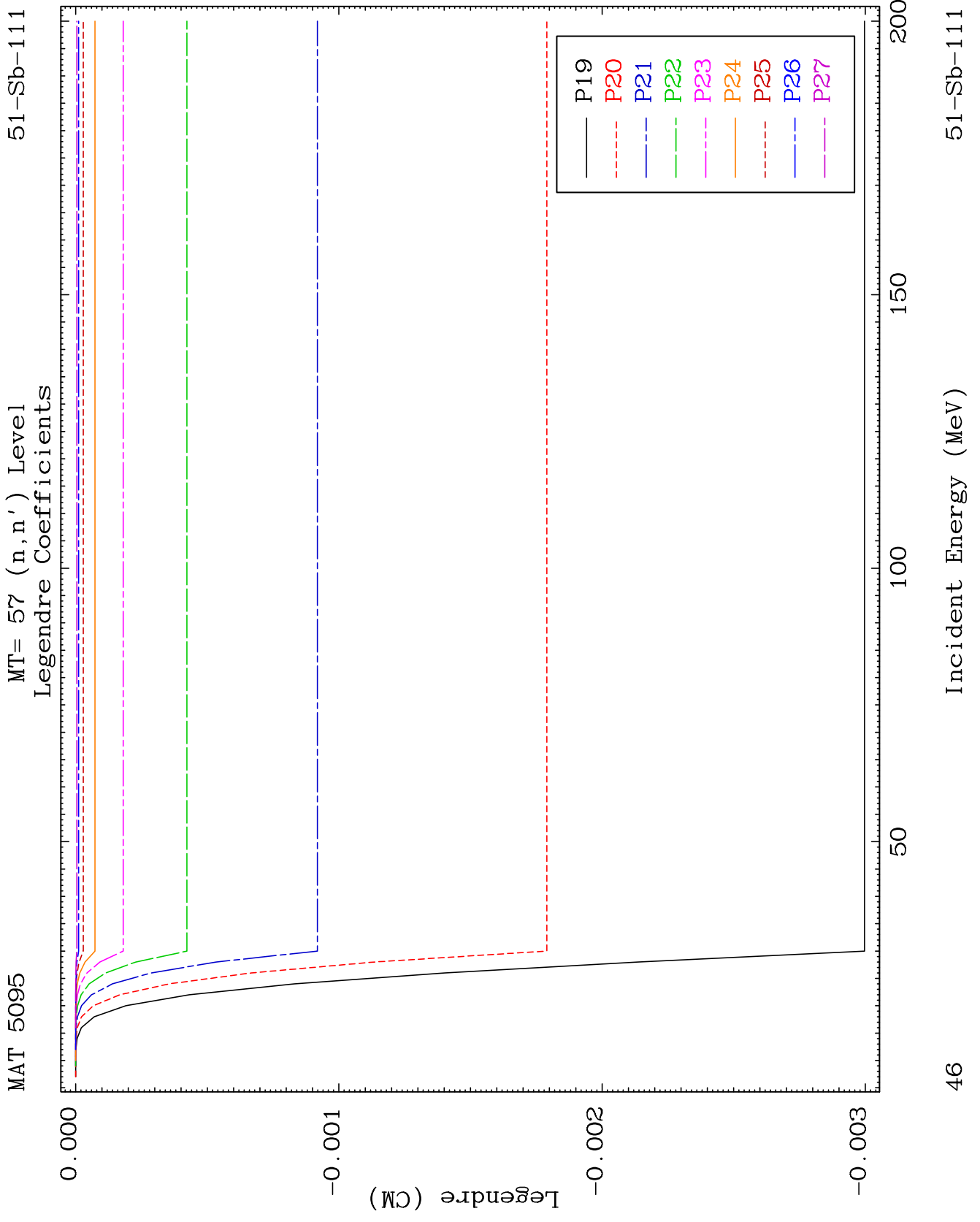
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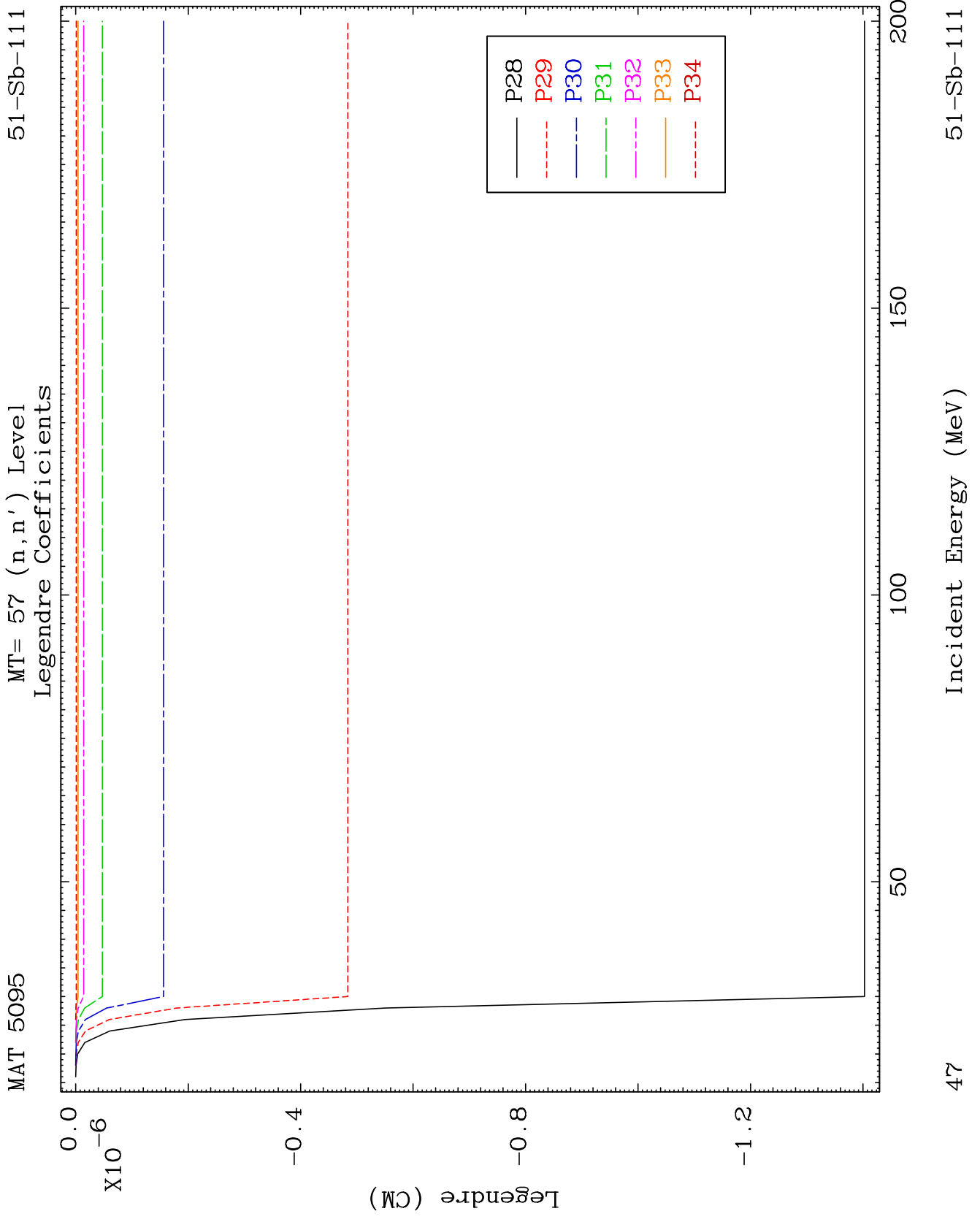


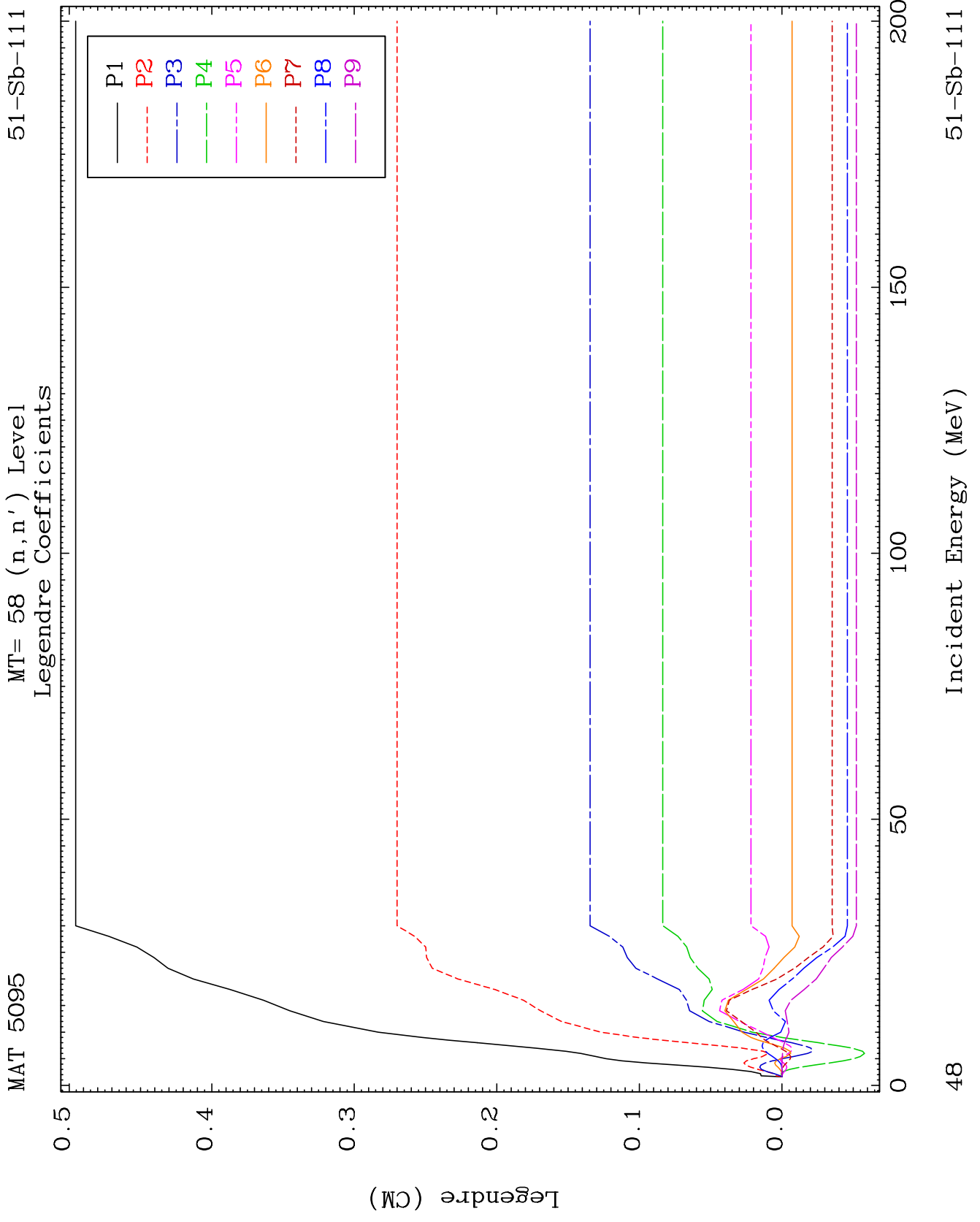
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51-Sb-111





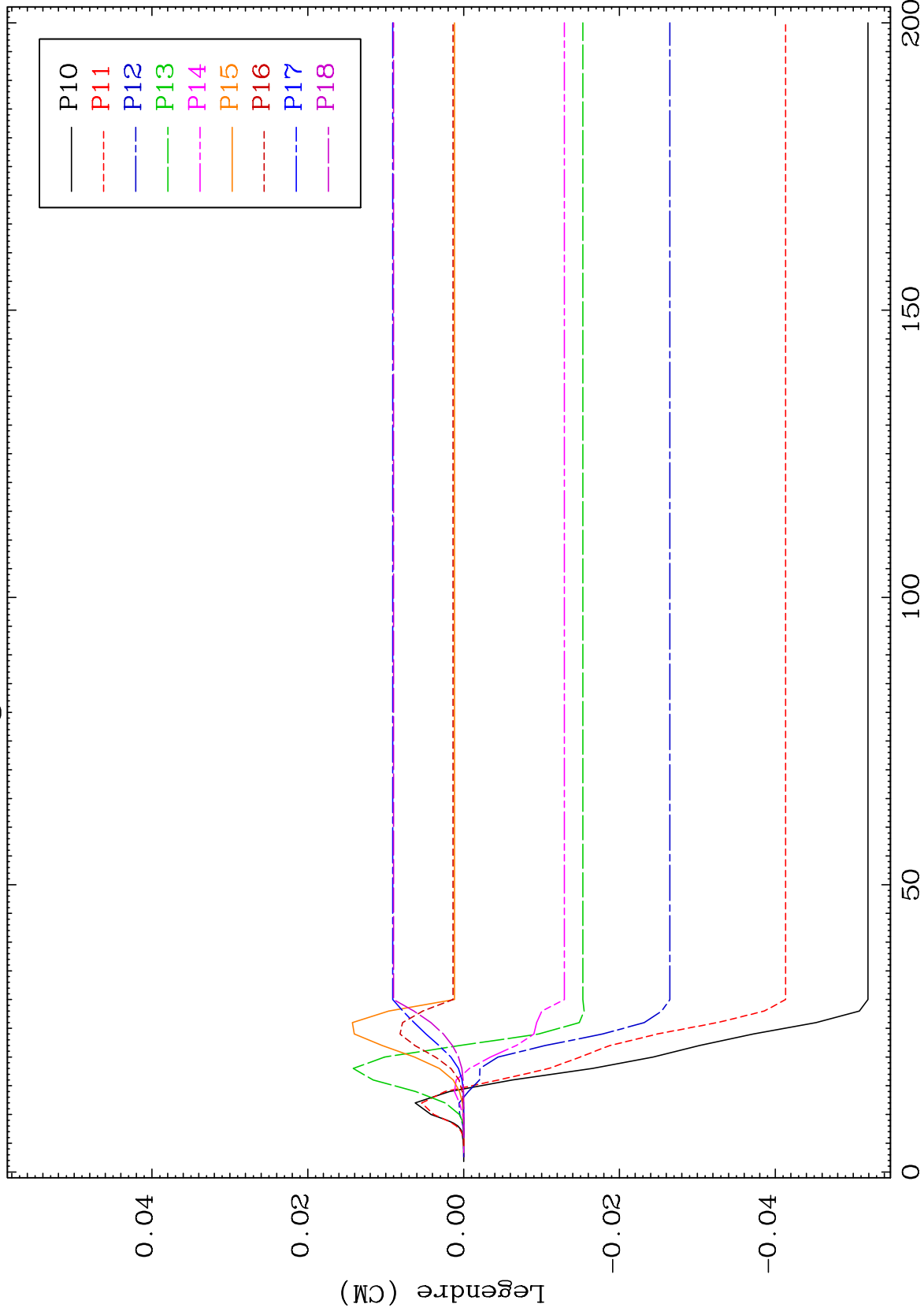




MAT 5095

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

51-Sb-111



49

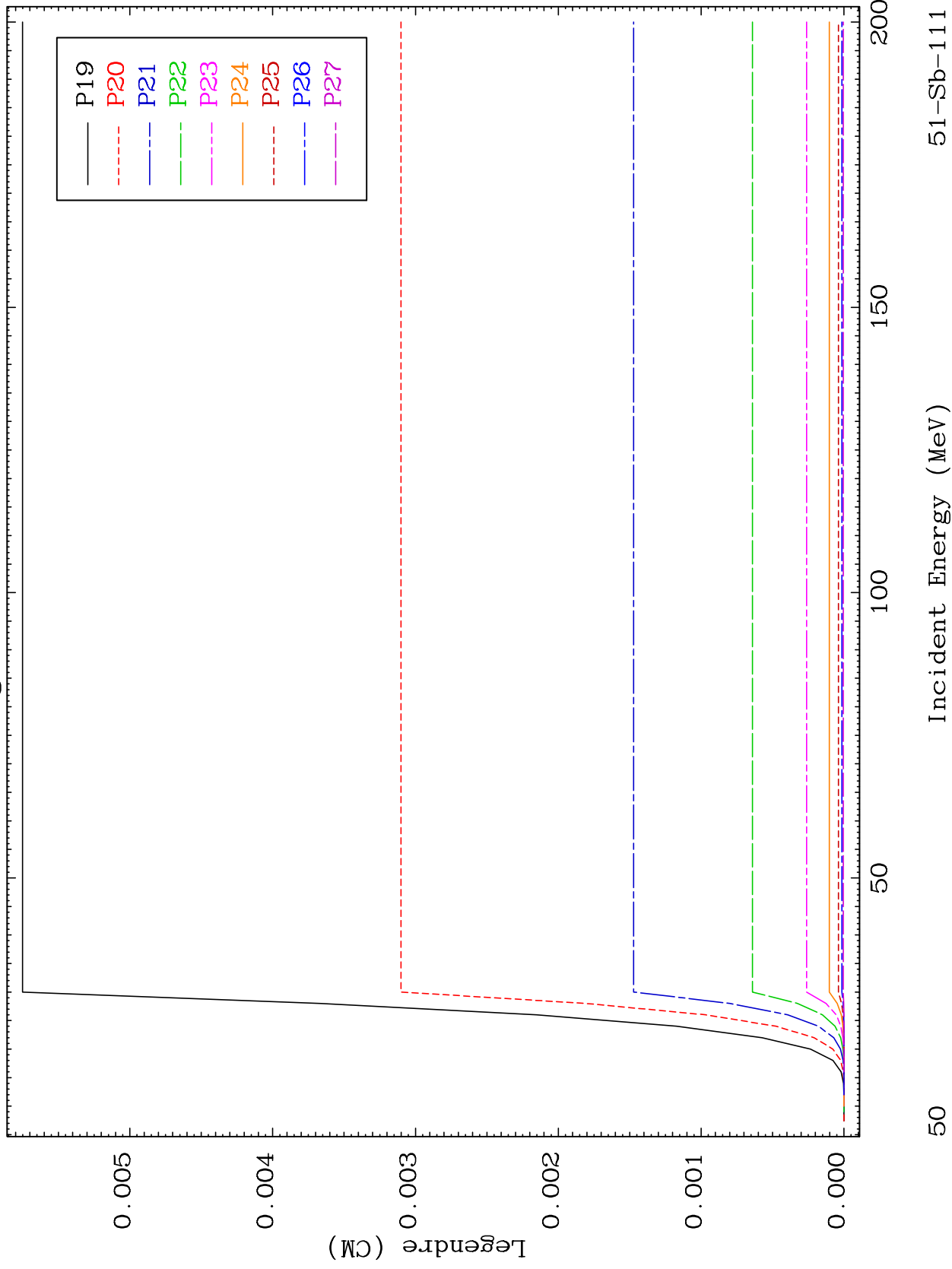
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



51-Sb-111

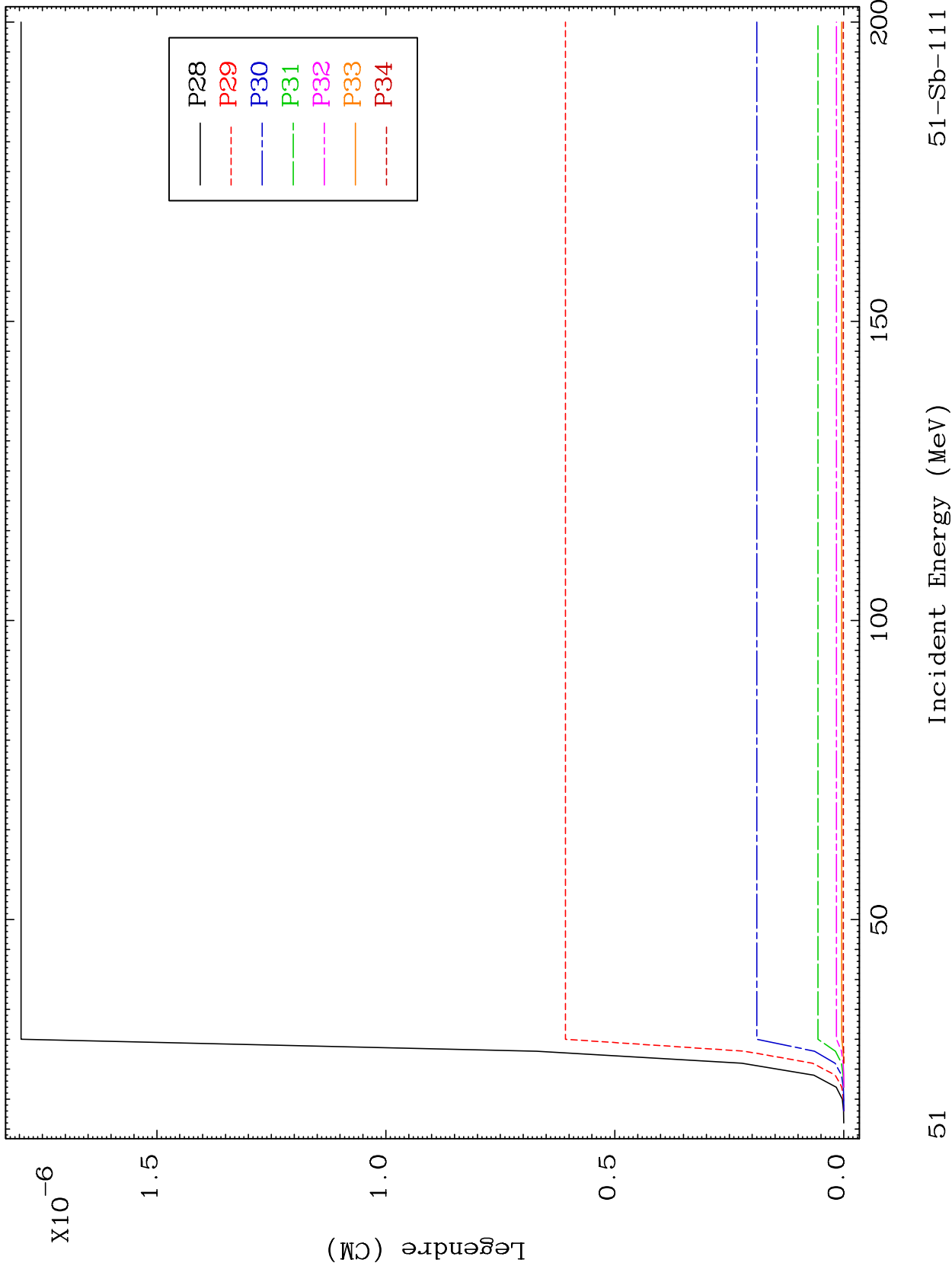
Incident Energy (MeV)

50

MAT 5095

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

51-Sb-111



51

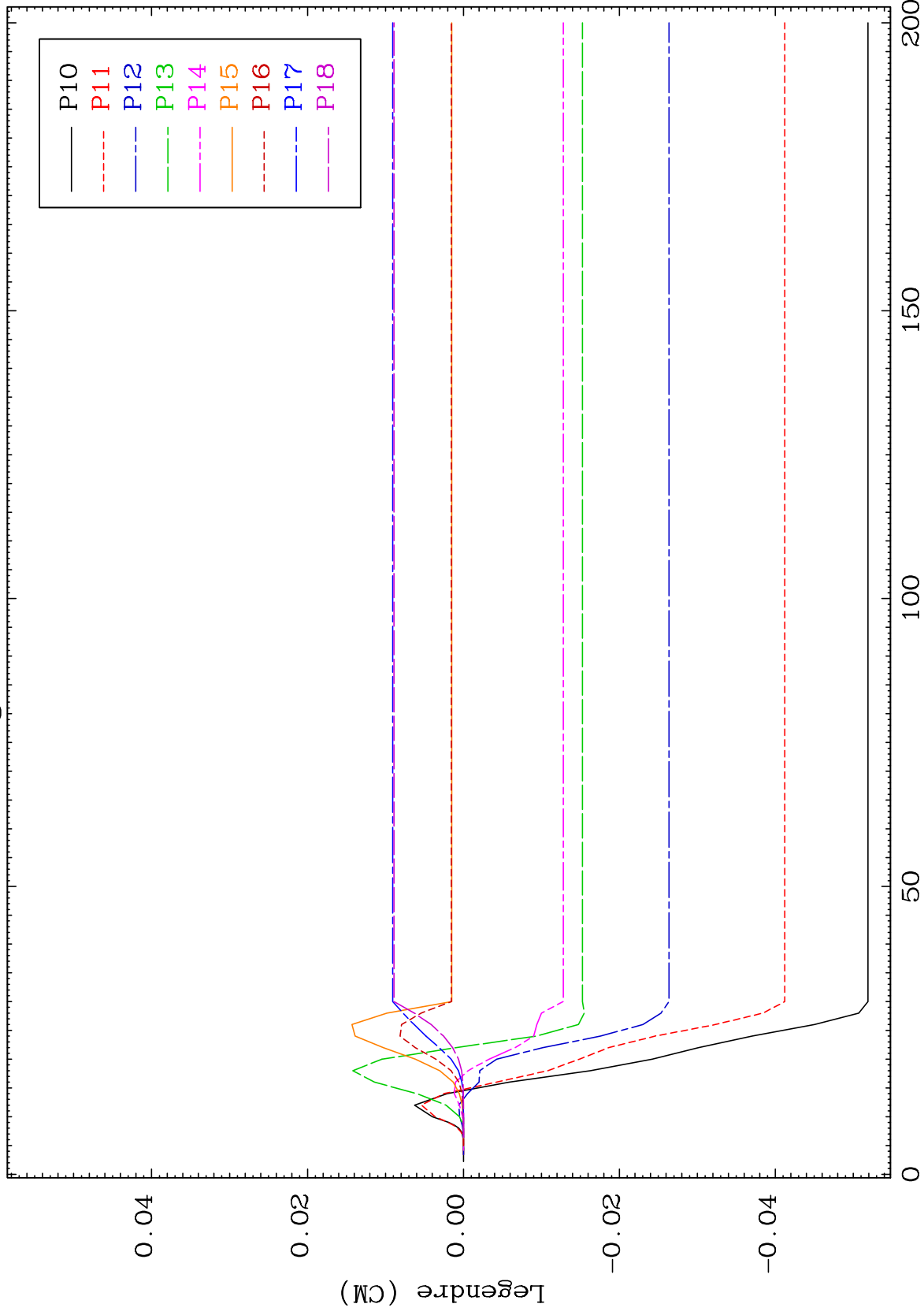
51-Sb-111



MAT 5095

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

51-Sb-111



53

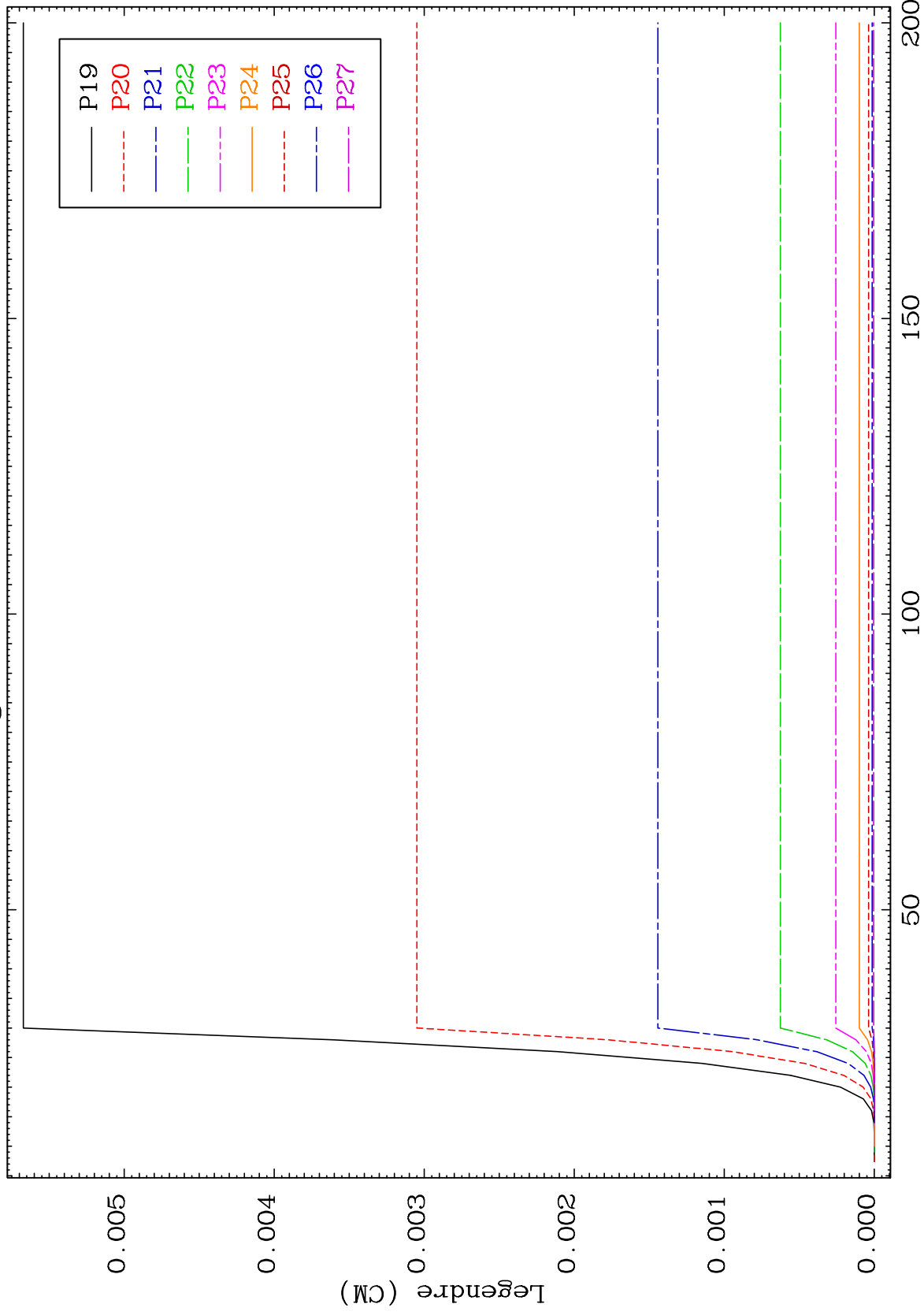
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



54

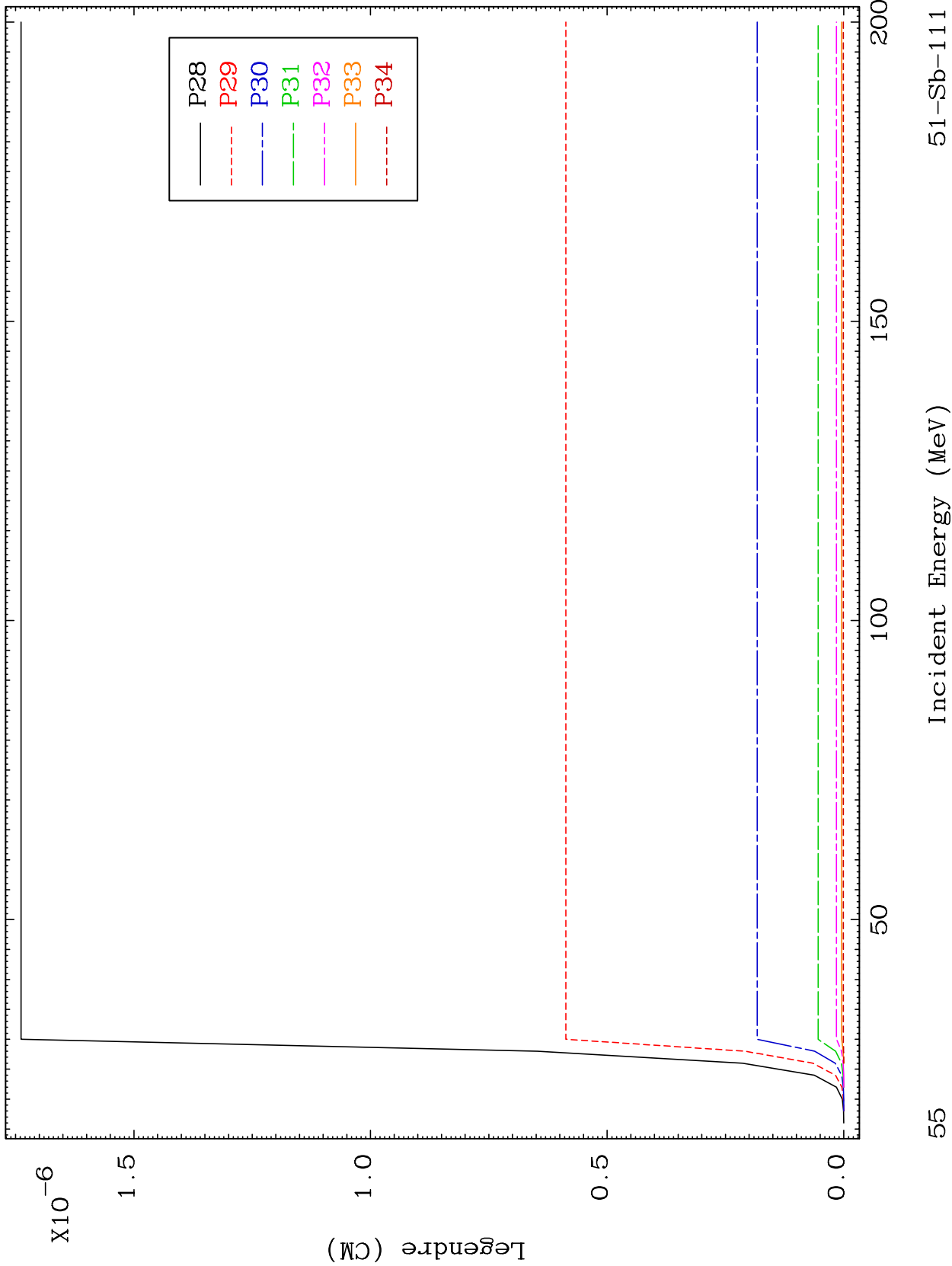
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

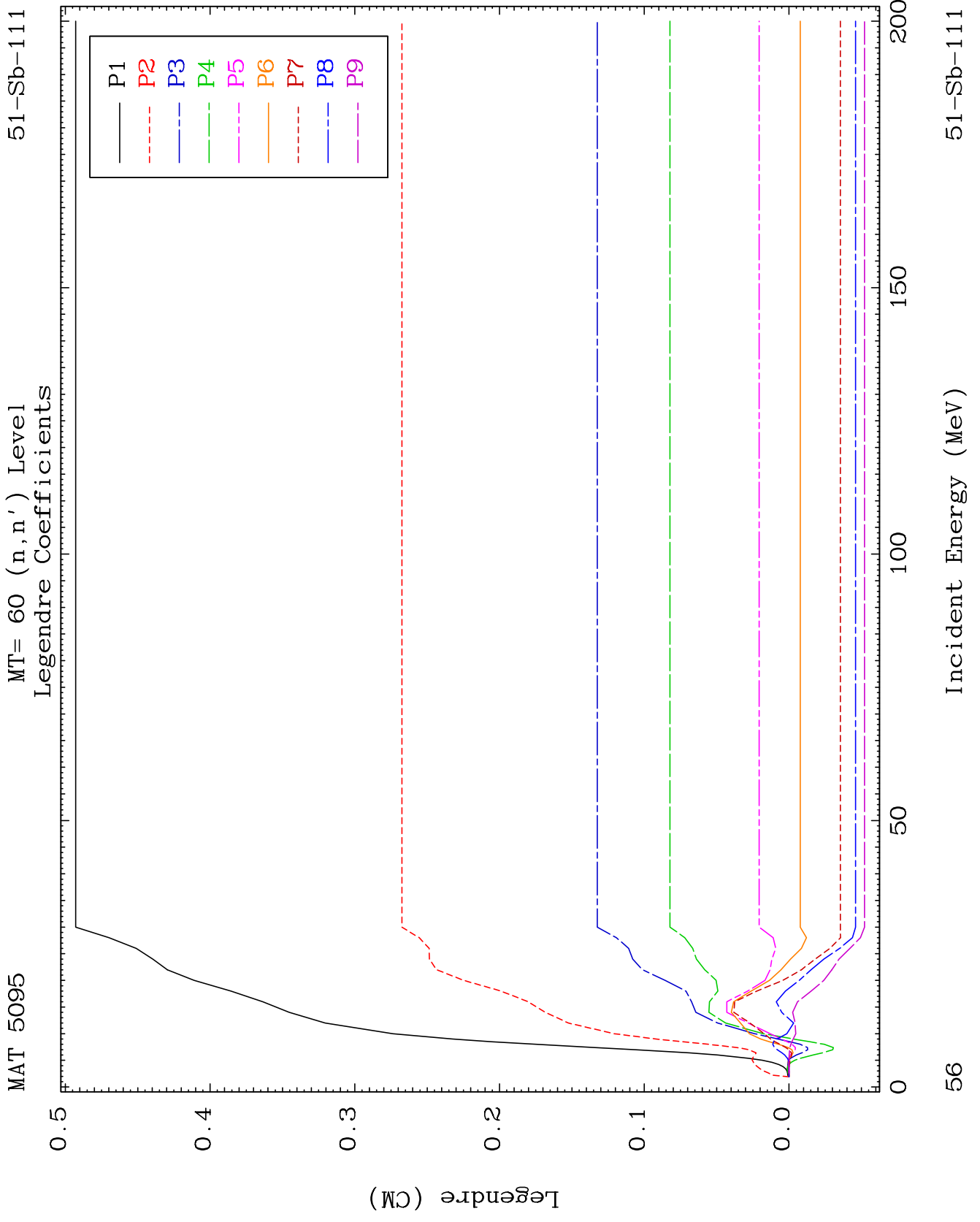
51-Sb-111



51-Sb-111

Incident Energy (MeV)

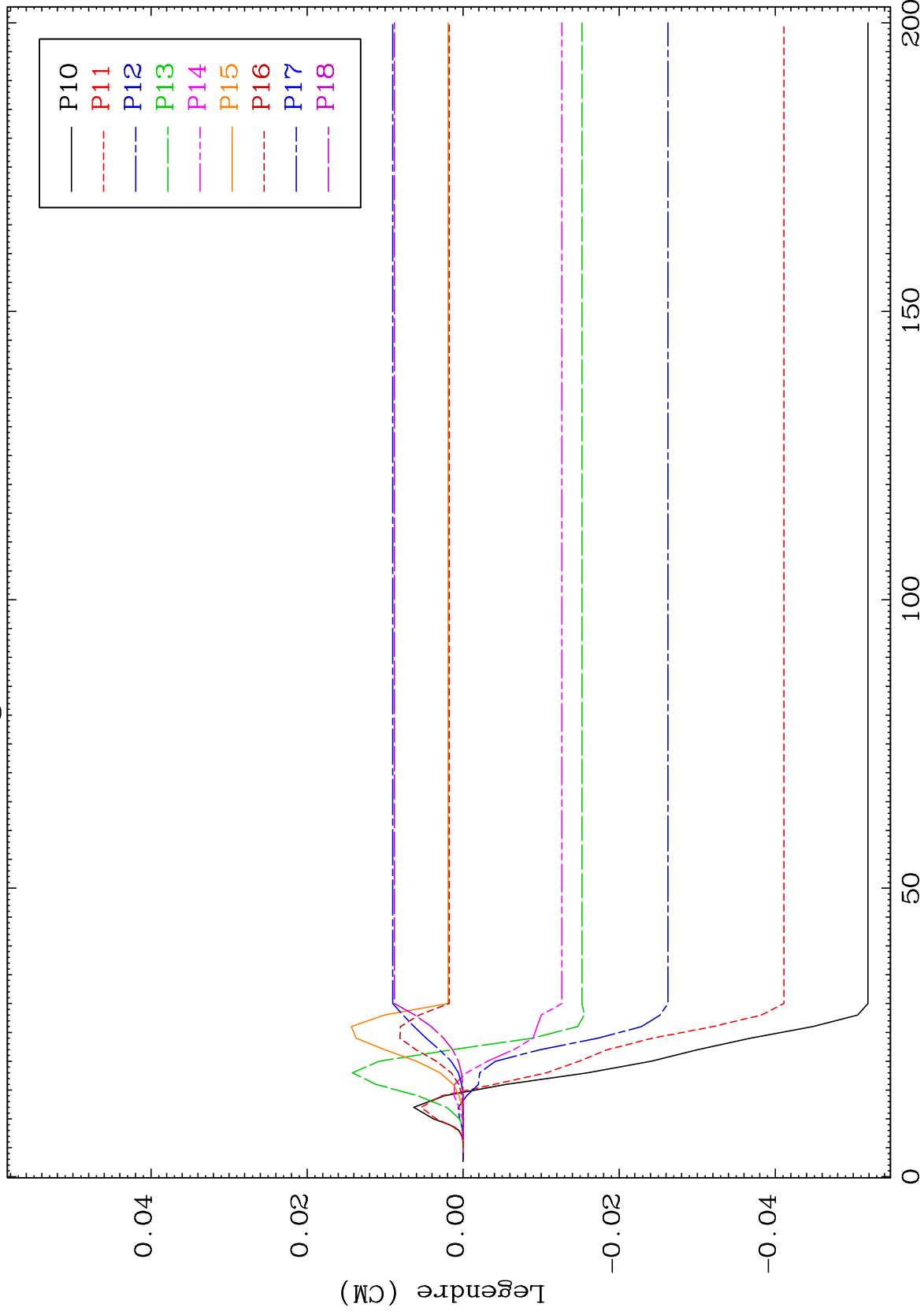
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MAT 5095

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

51-Sb-111



57

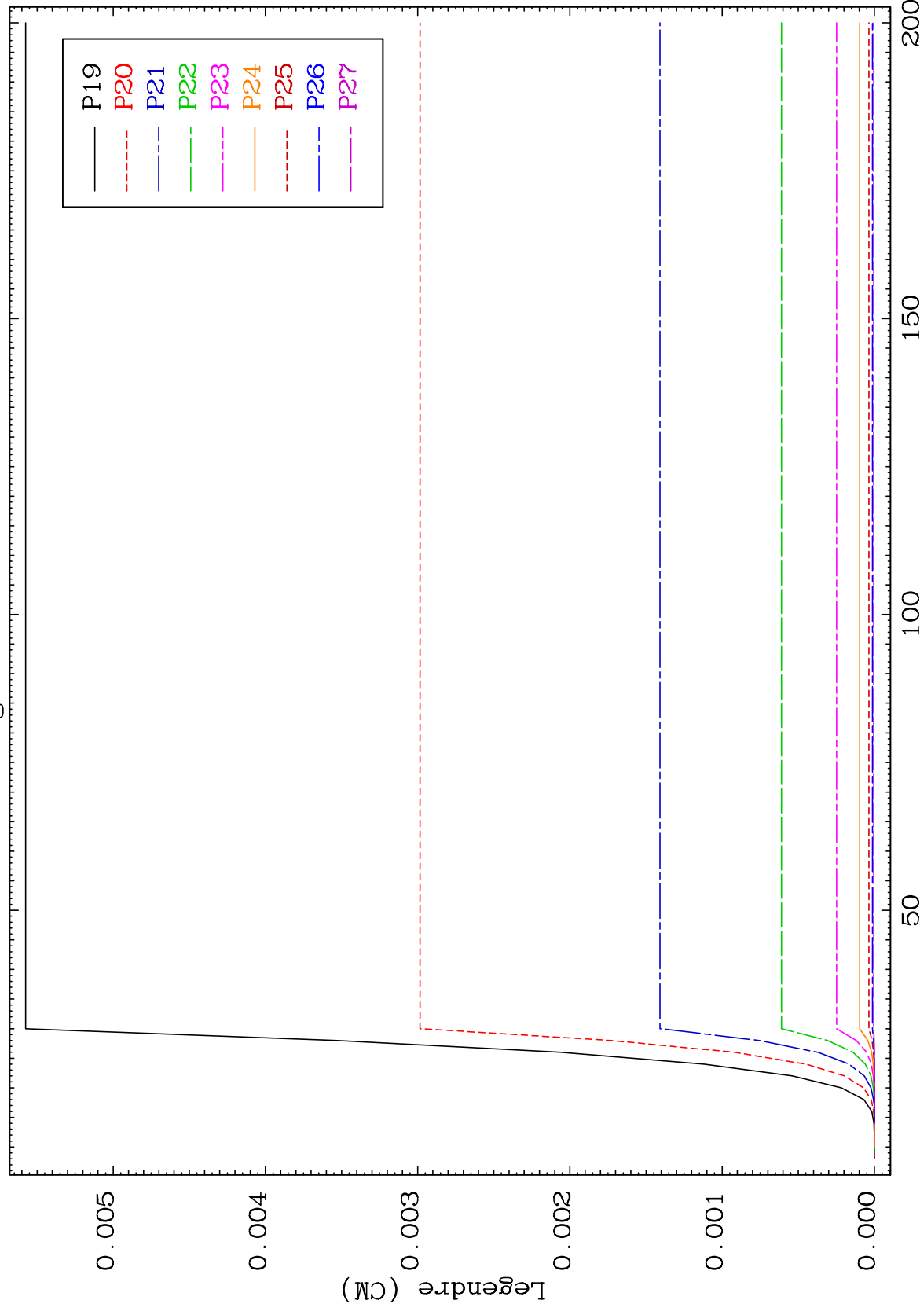
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



58

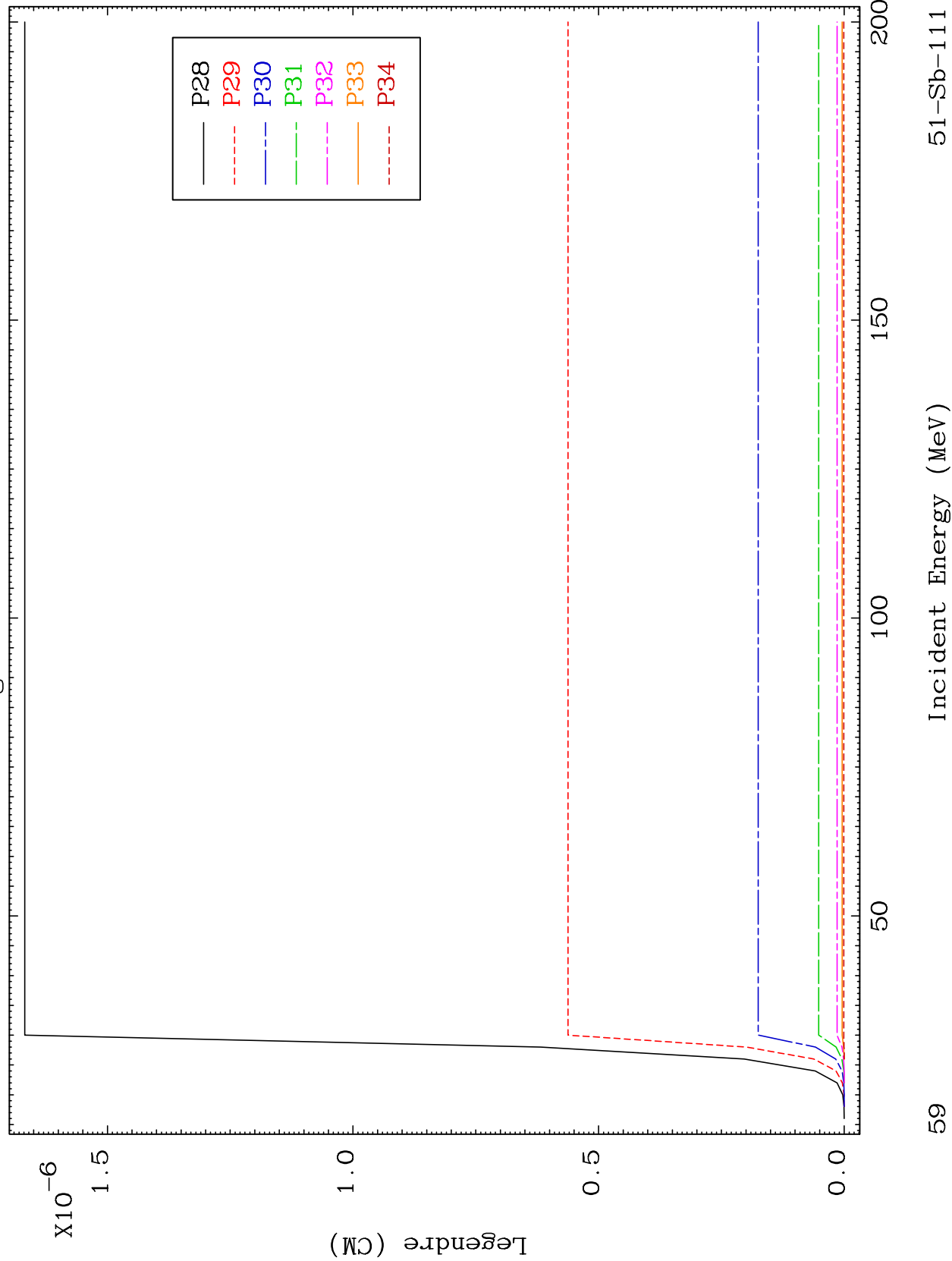
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



59

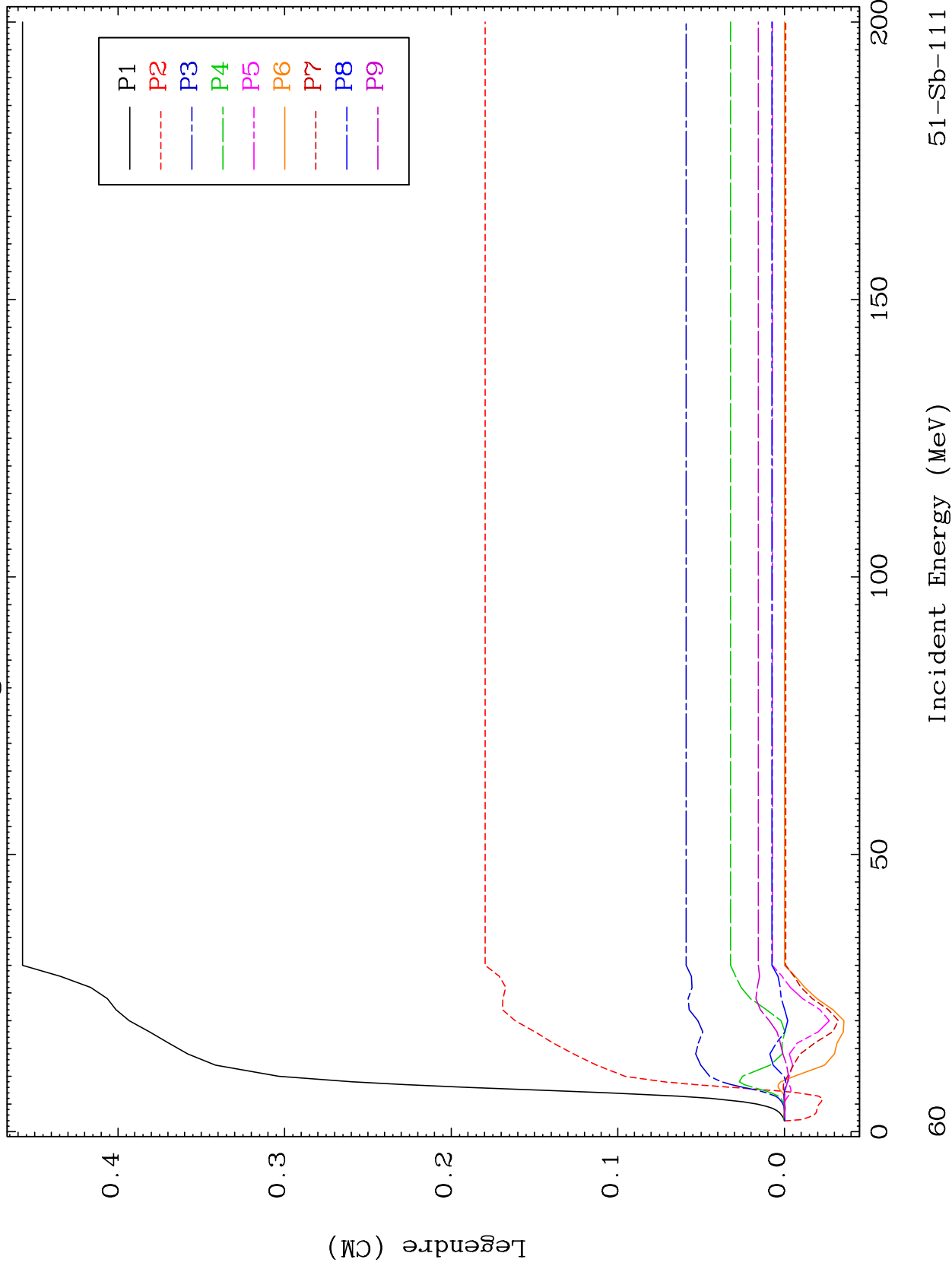
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111

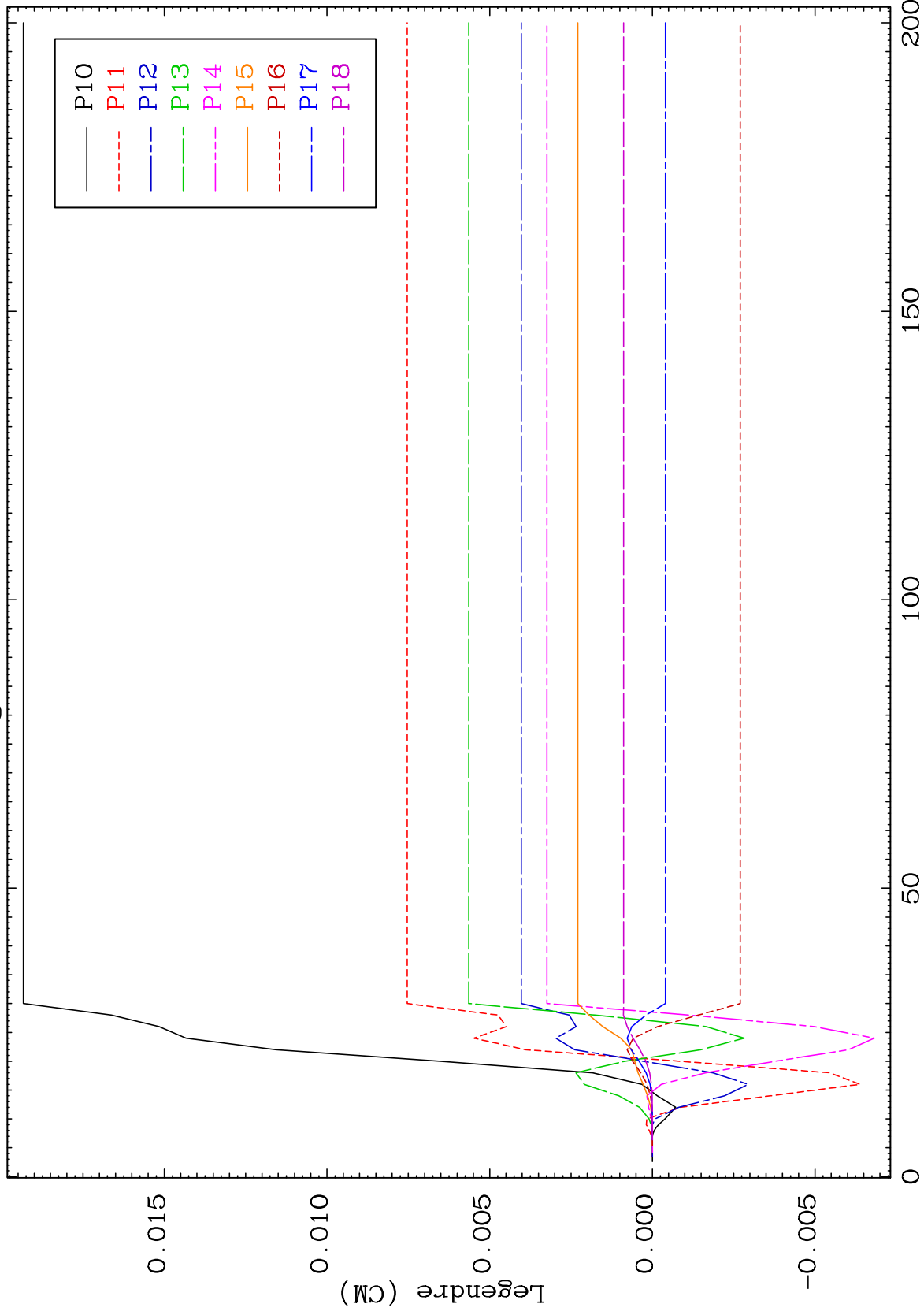


51-Sb-111

MAT 5095

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

51-Sb-111



61

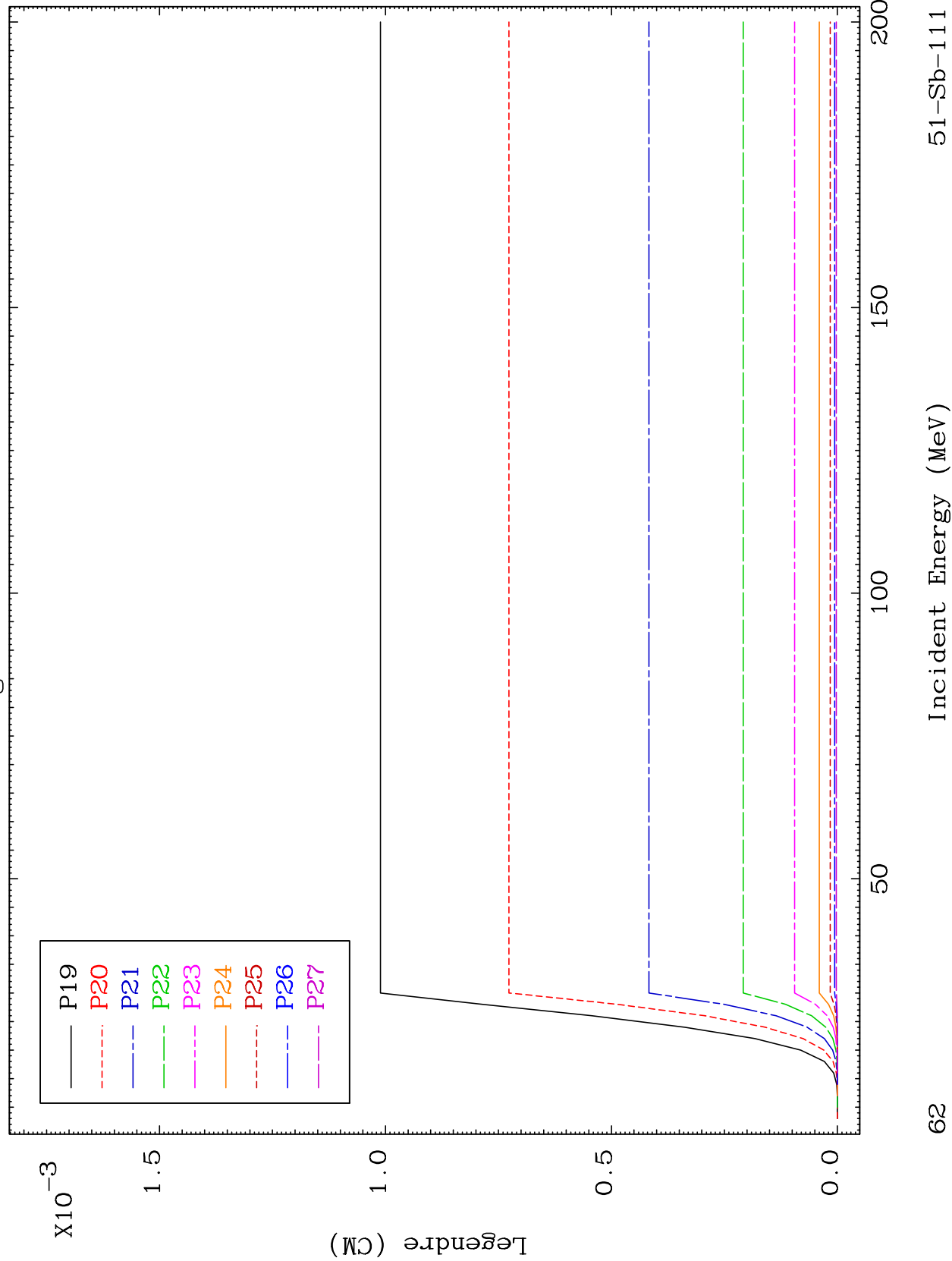
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111

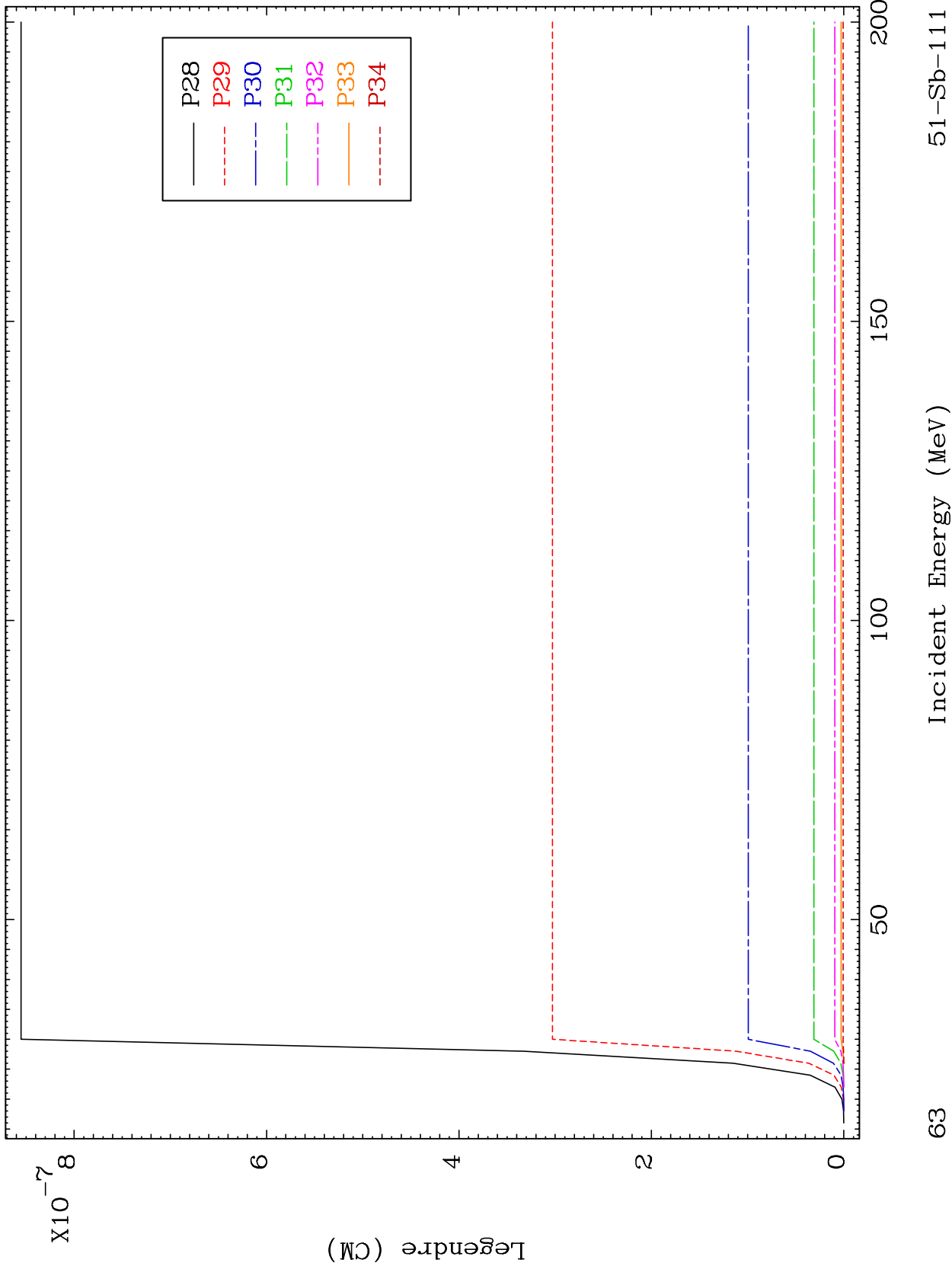


62

MAT 5095

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

51-Sb-111



63

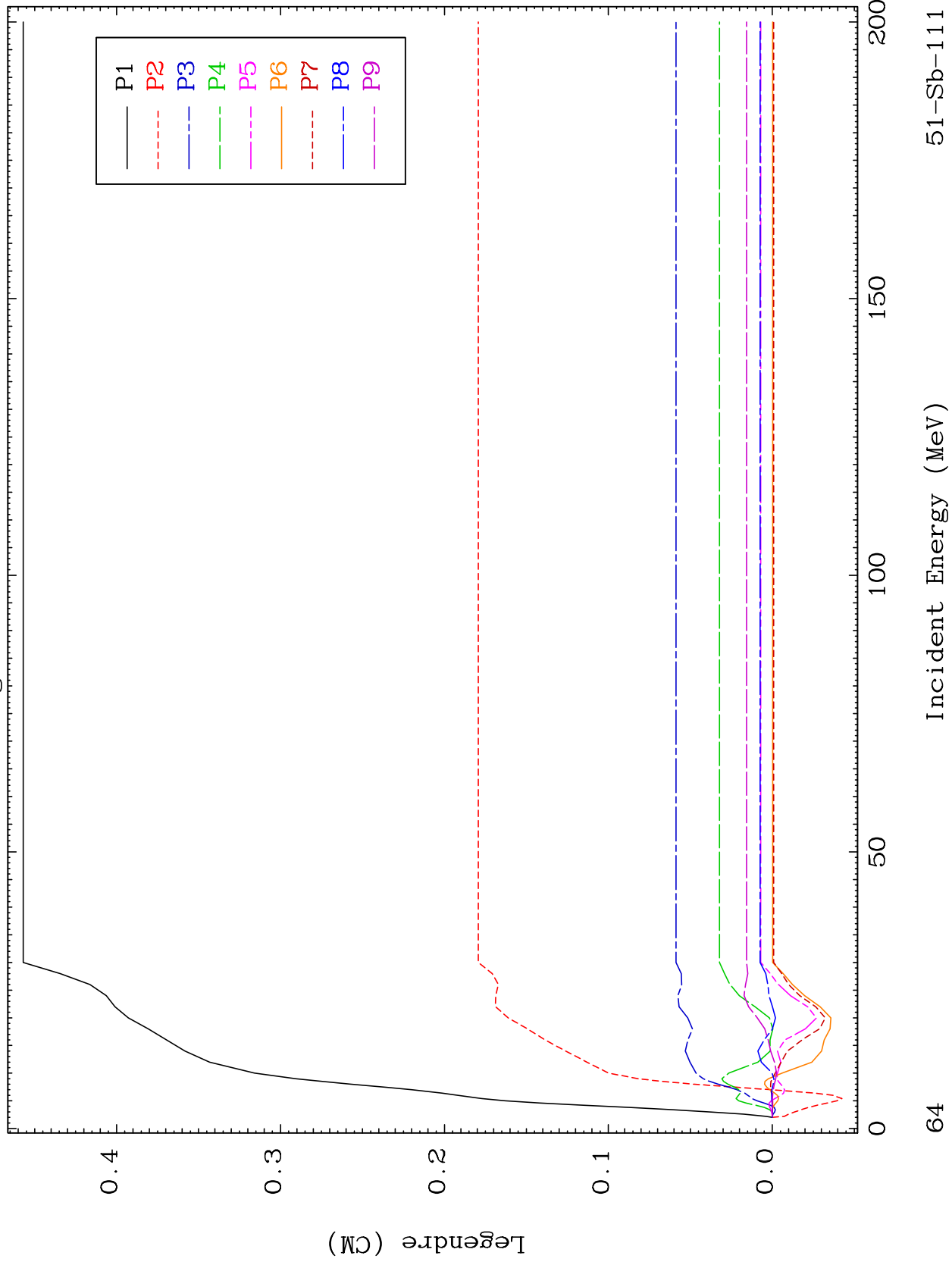
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



51-Sb-111

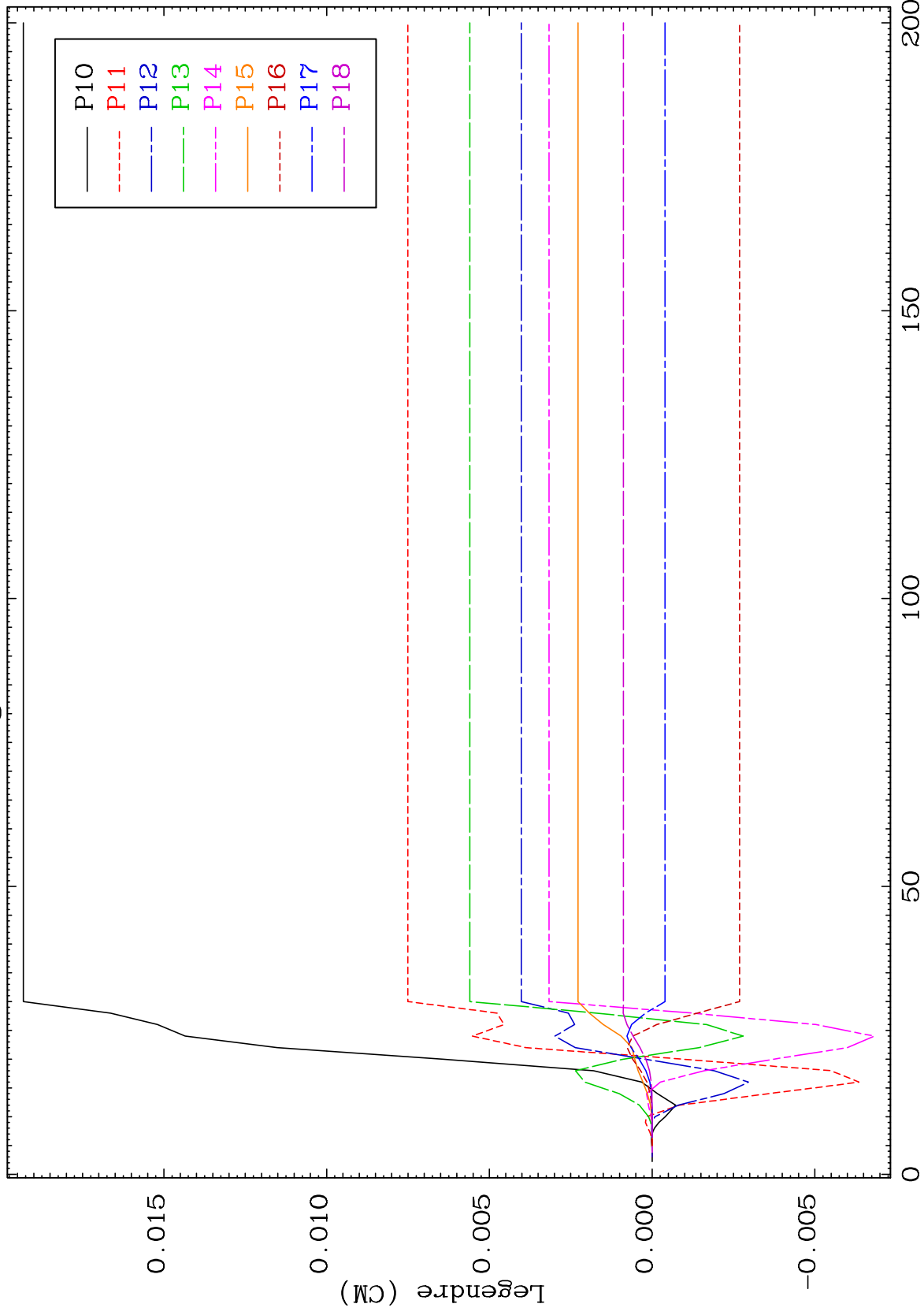
Incident Energy (MeV)

64

MAT 5095

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

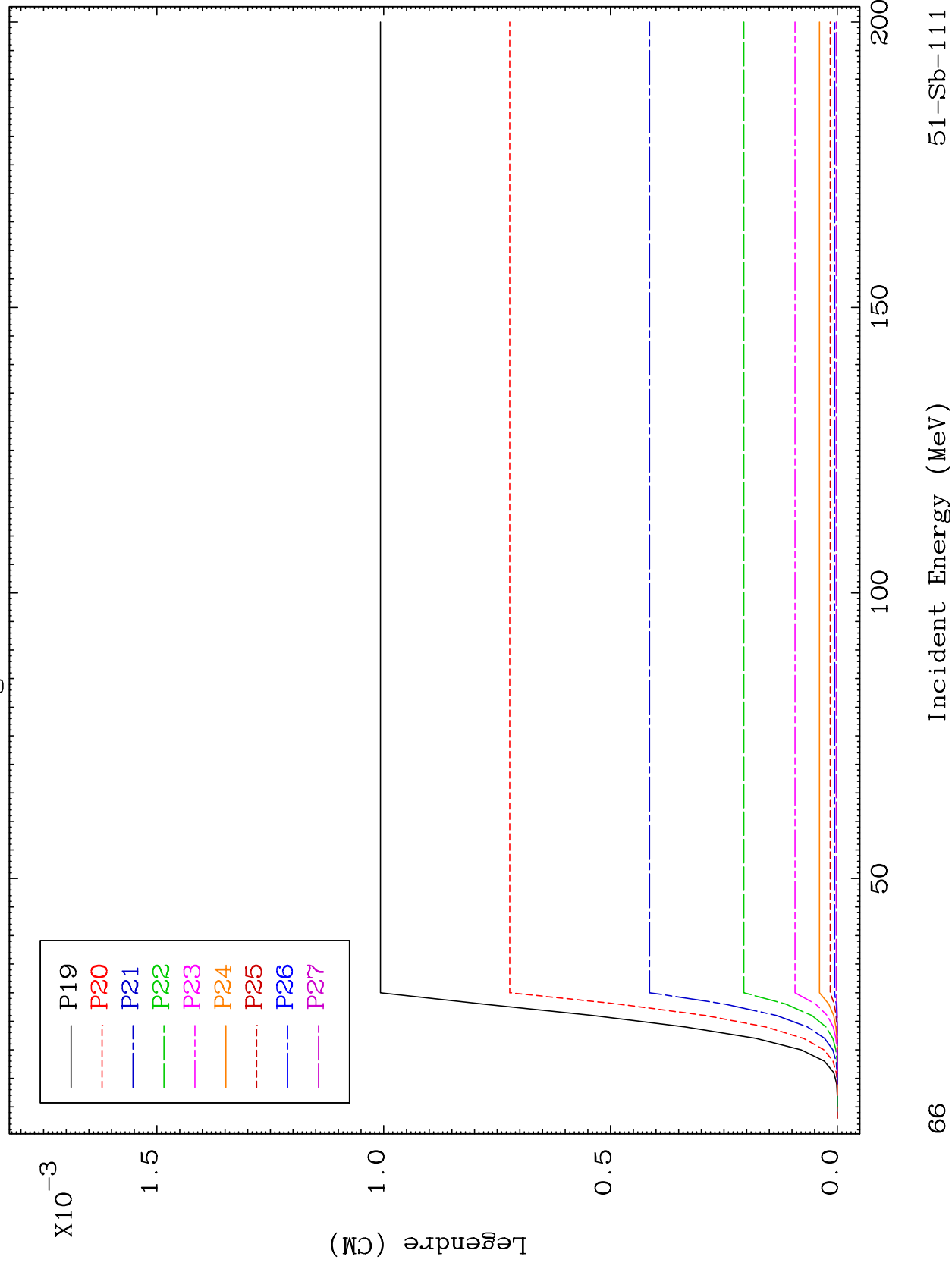
51-Sb-111



65

Incident Energy (MeV)

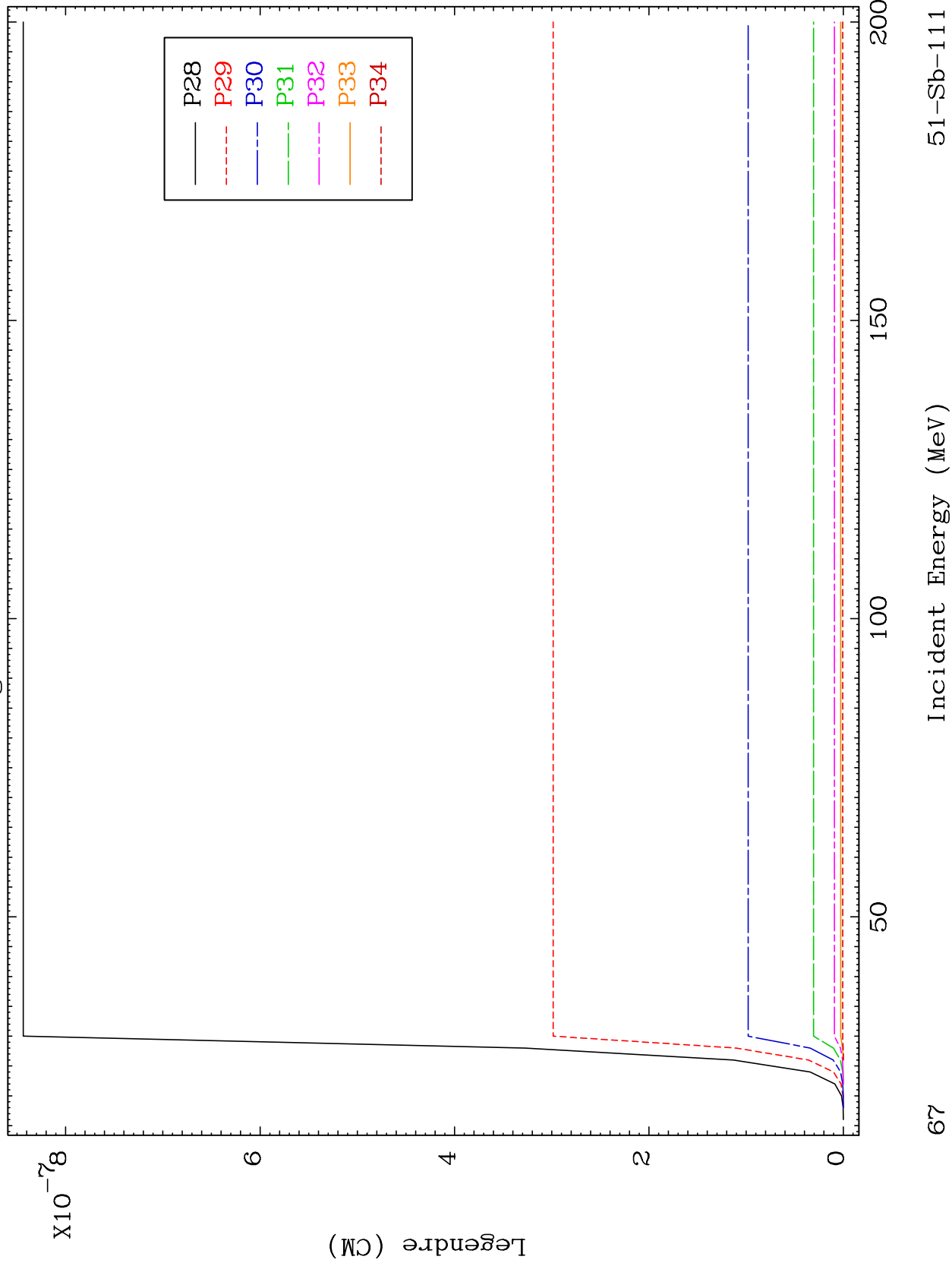
51-Sb-111

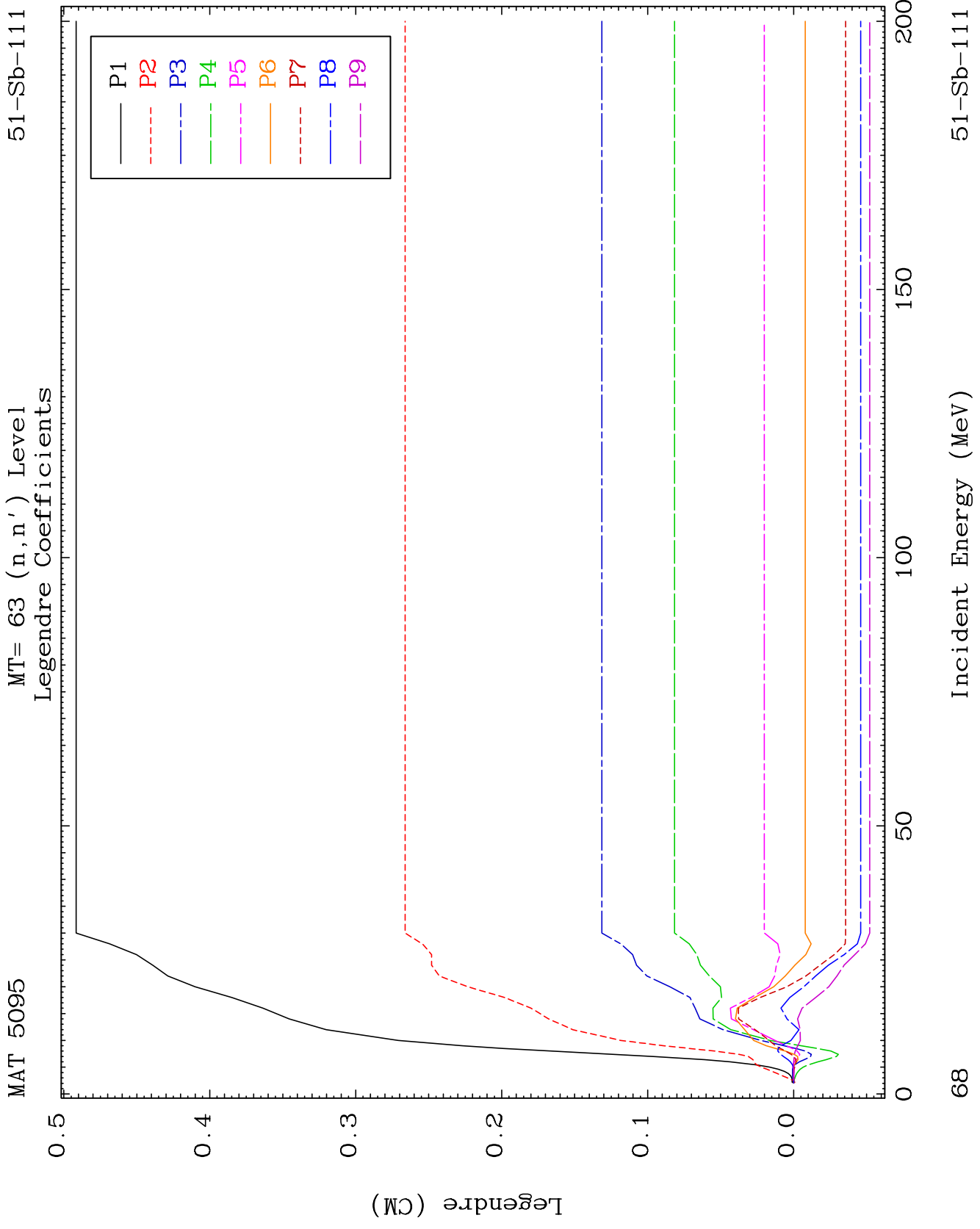


MAT 5095

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

51-Sb-111

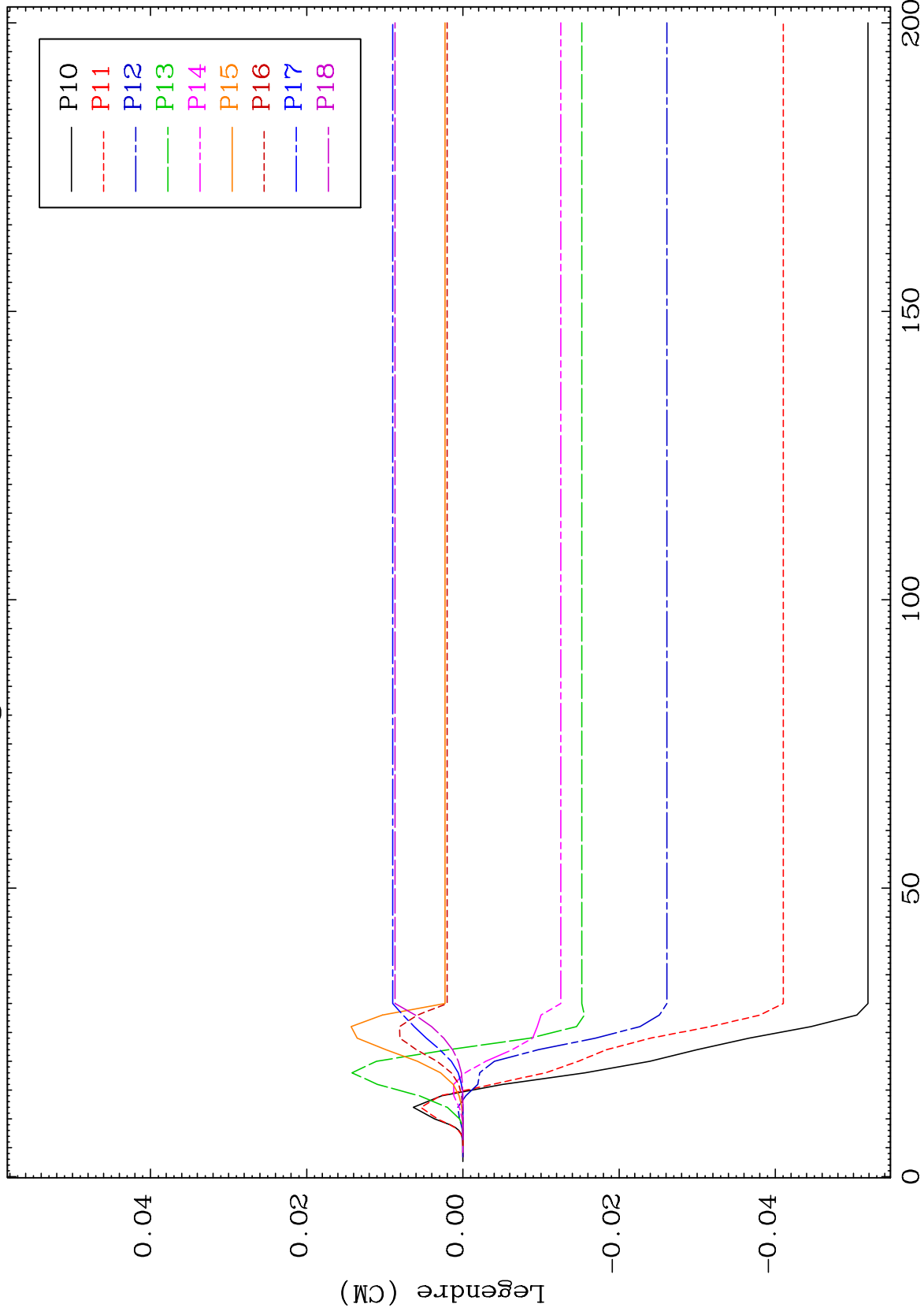




MAT 5095

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

51-Sb-111



69

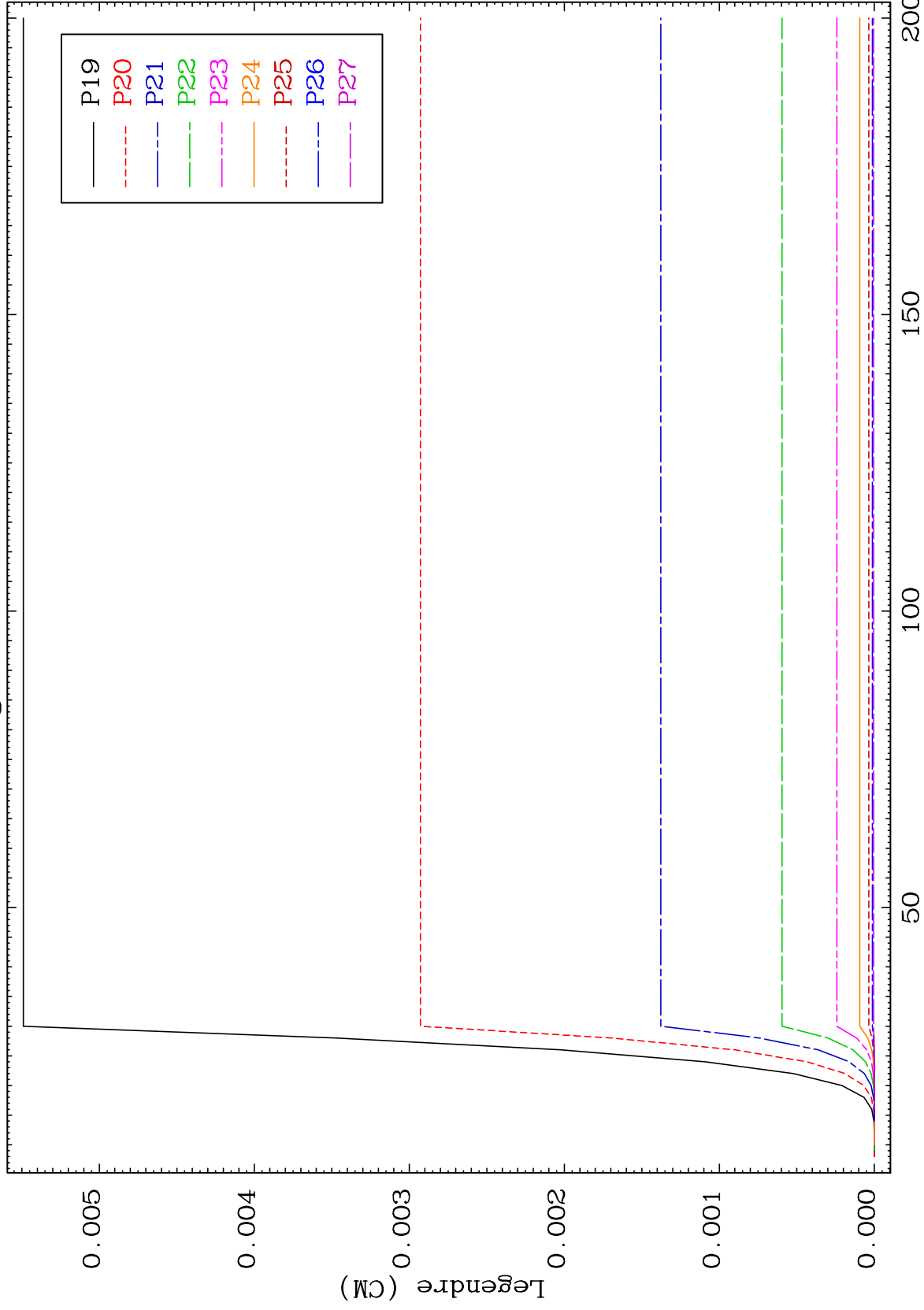
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



70

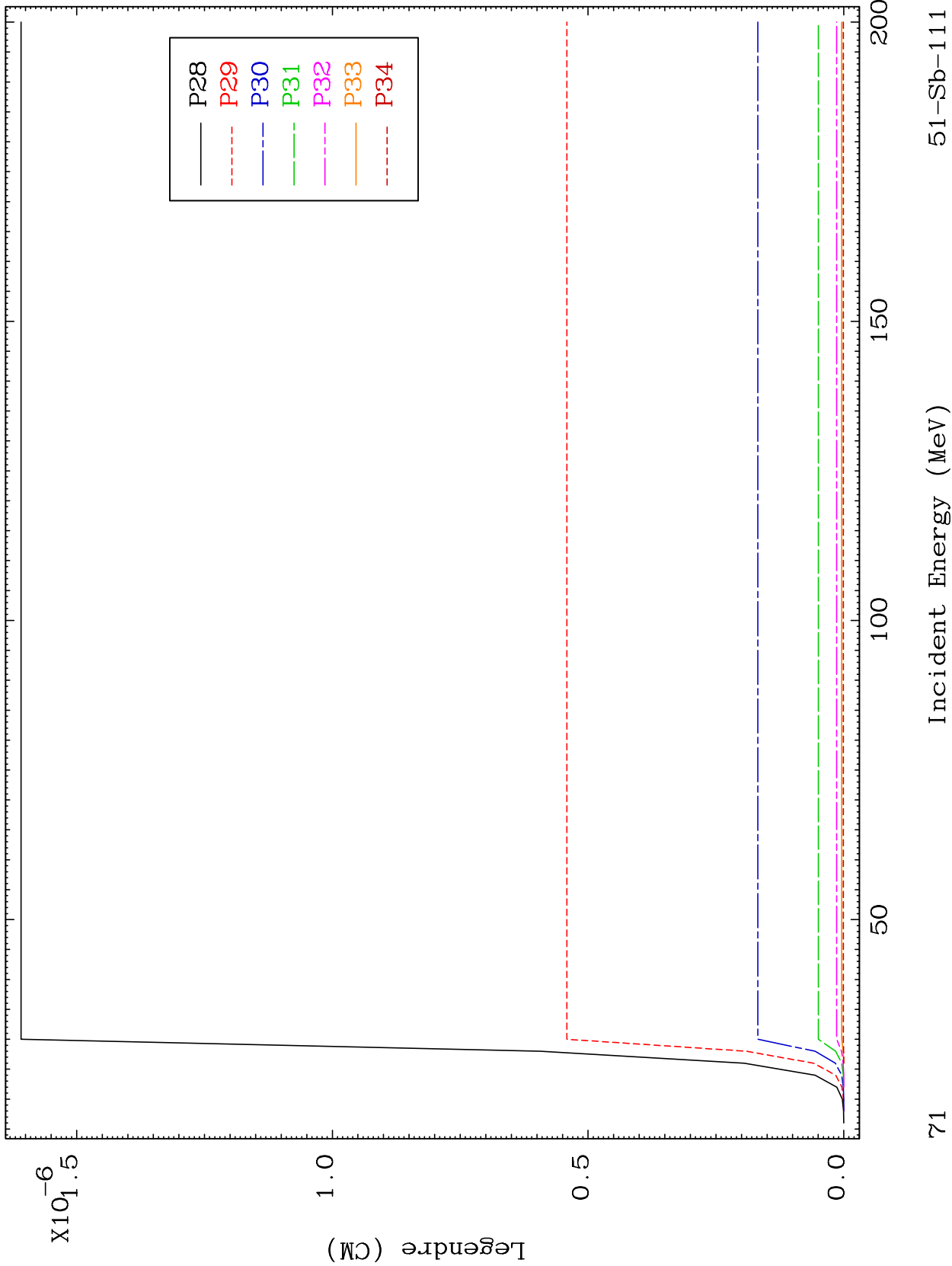
Incident Energy (MeV)

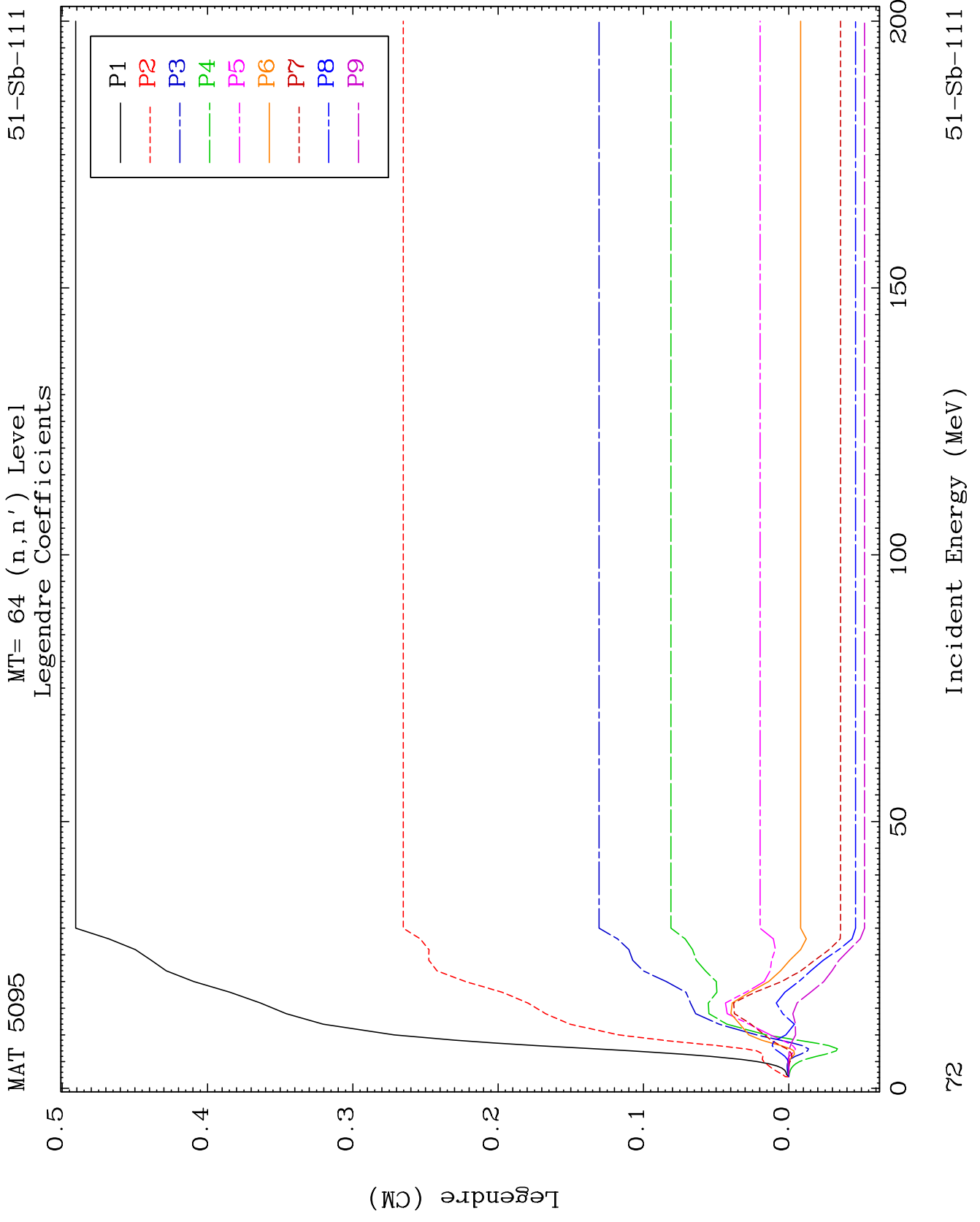
51-Sb-111

MAT 5095

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

51-Sb-111

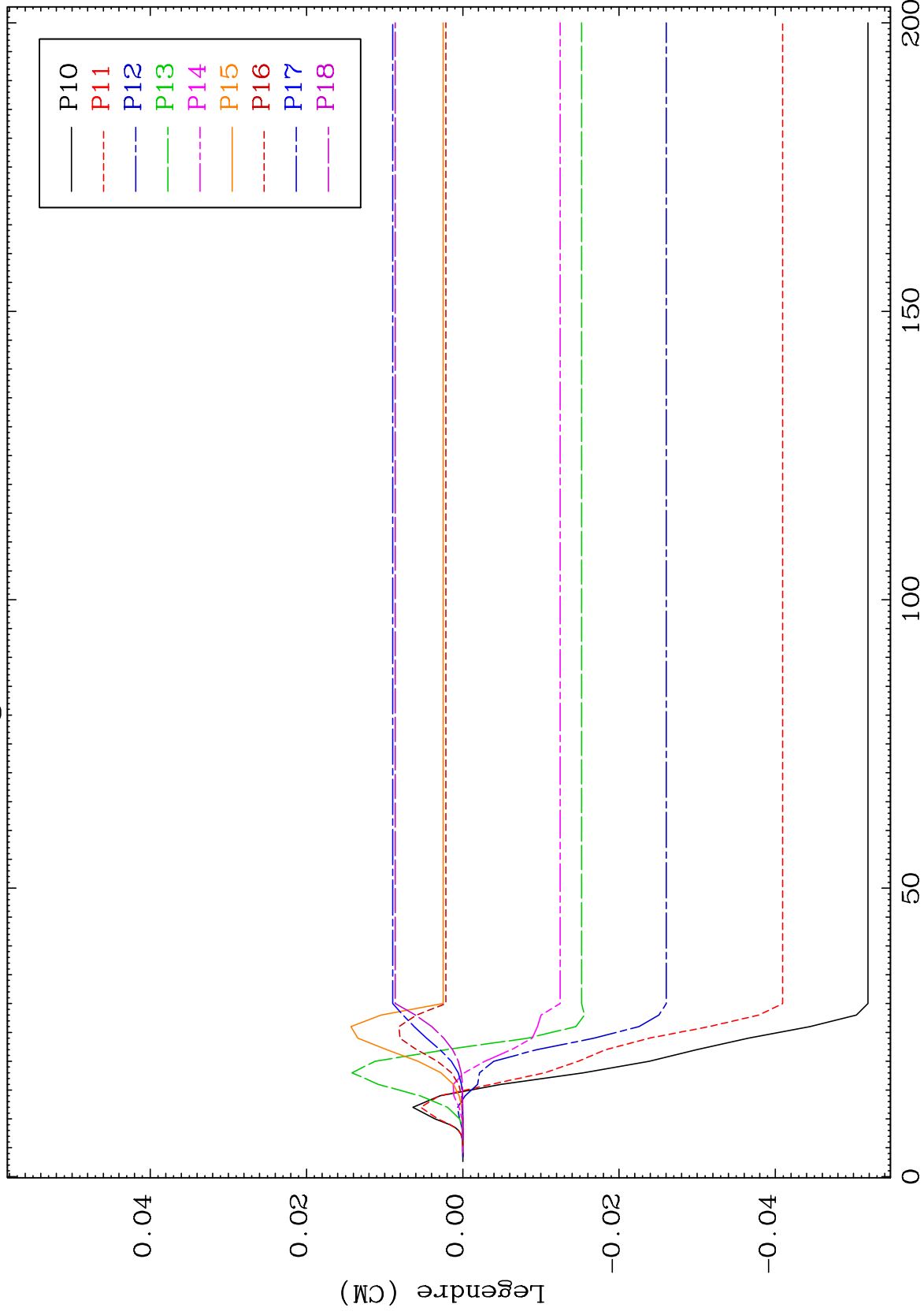




MAT 5095

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

51-Sb-111



73

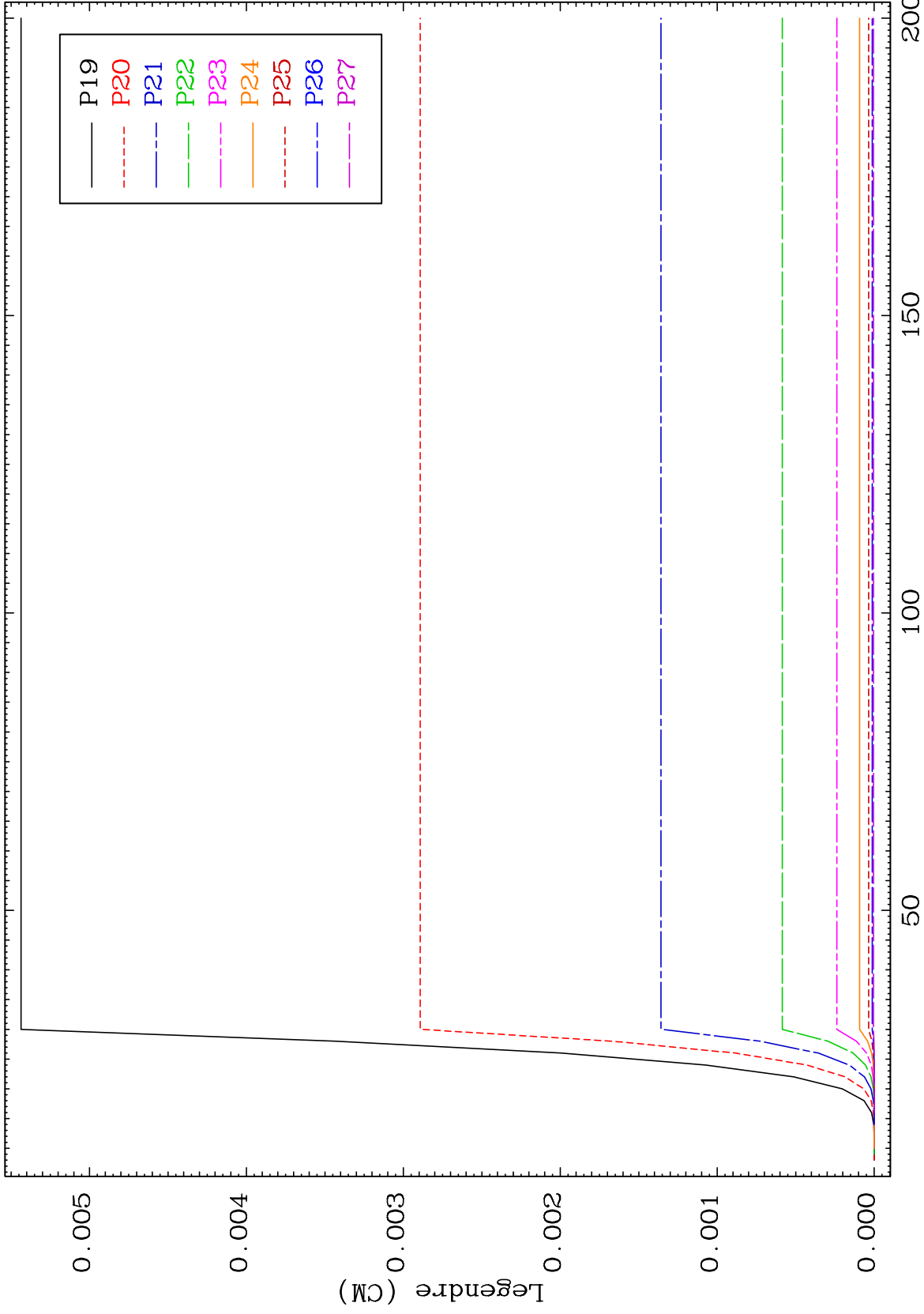
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



74

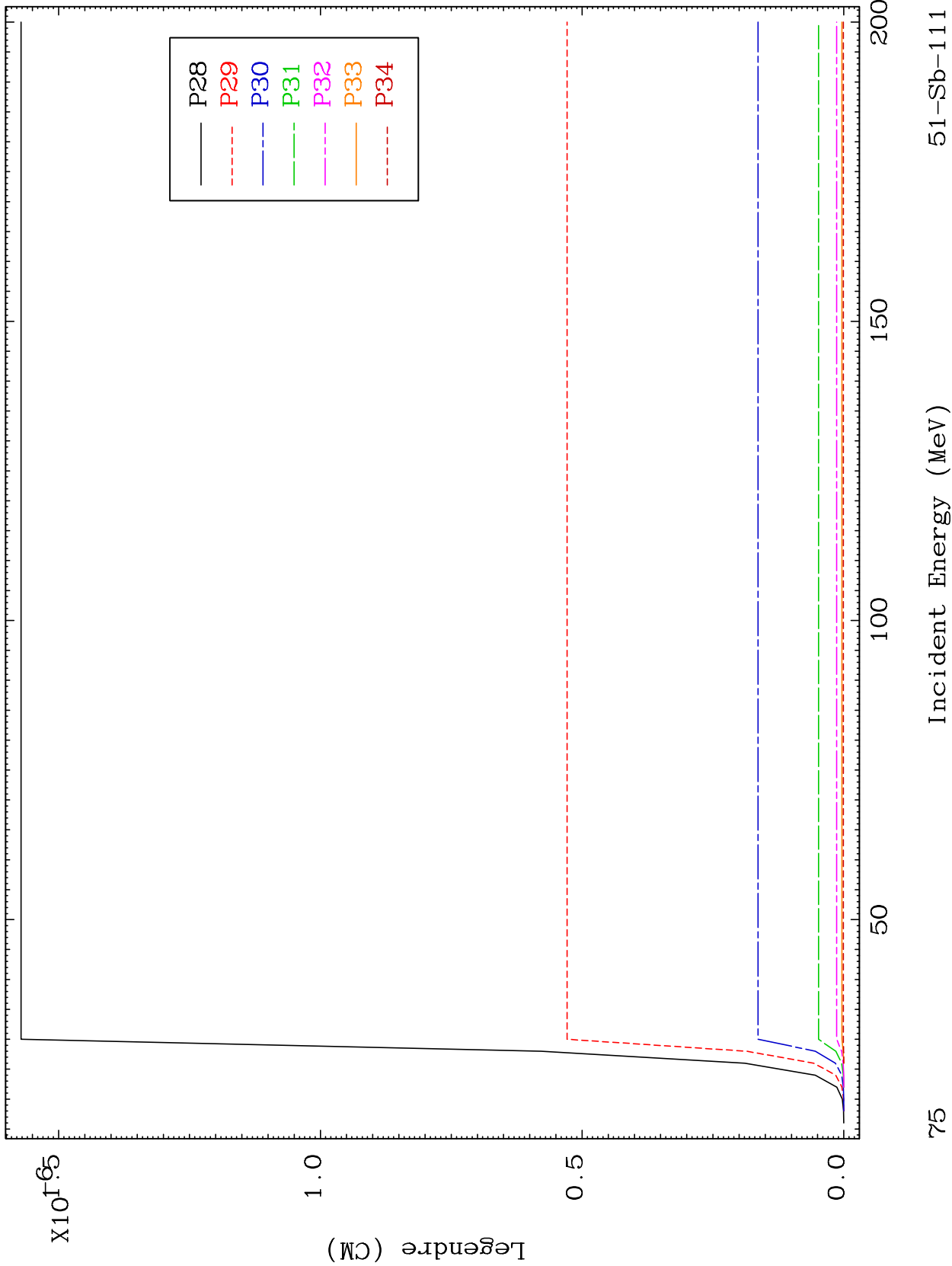
Incident Energy (MeV)

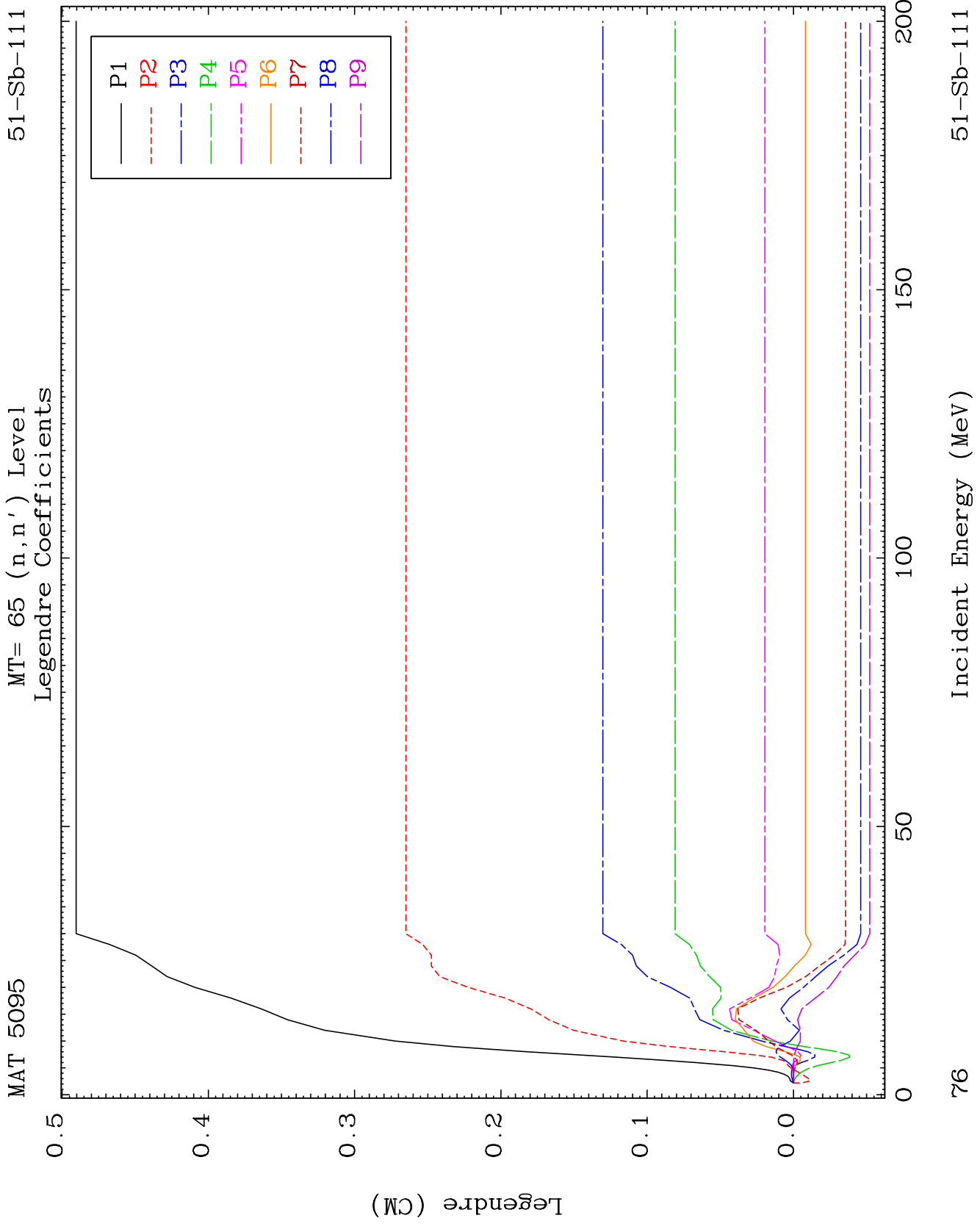
51-Sb-111

MAT 5095

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

51-Sb-111

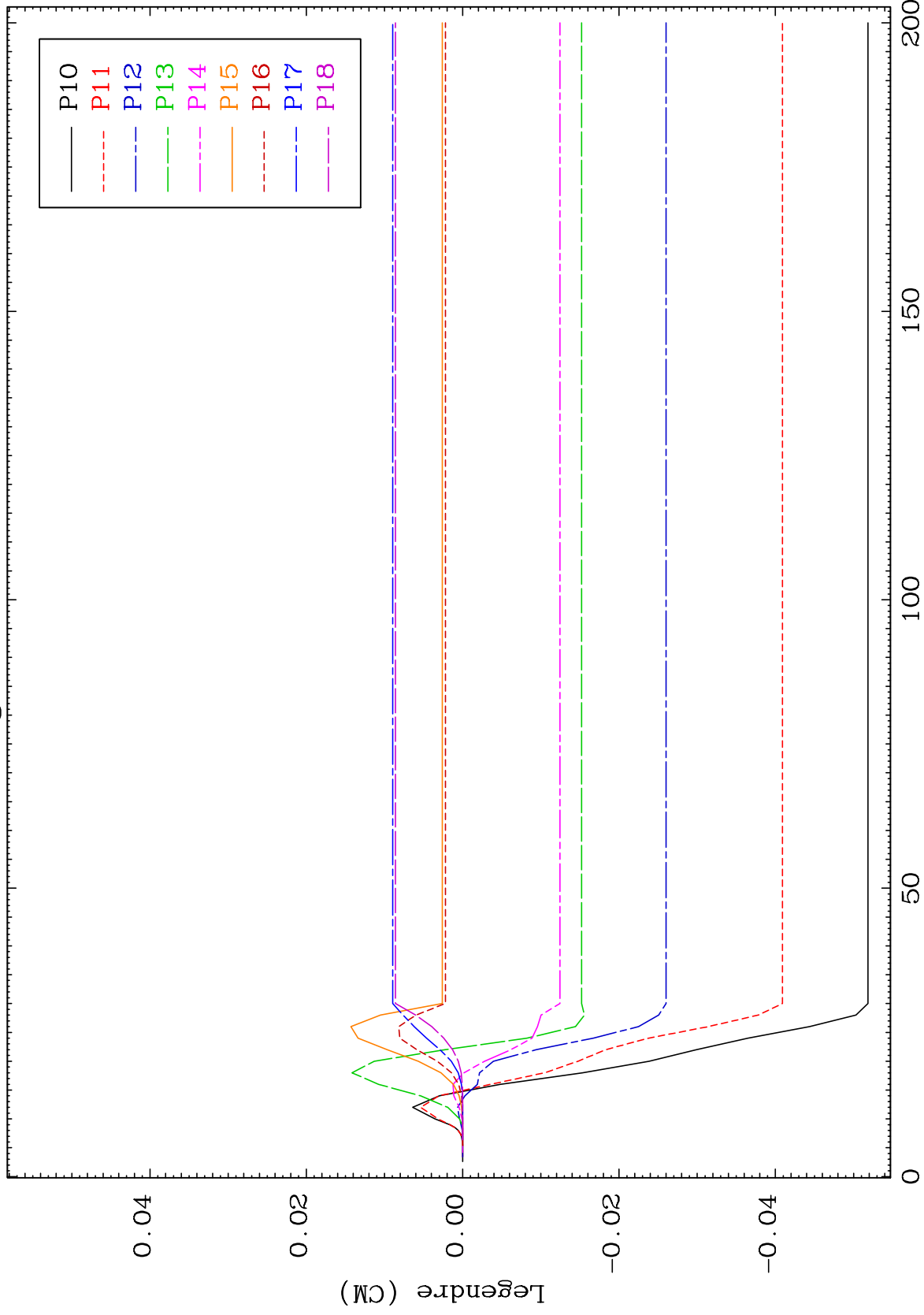




MAT 5095

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

51-Sb-111



77

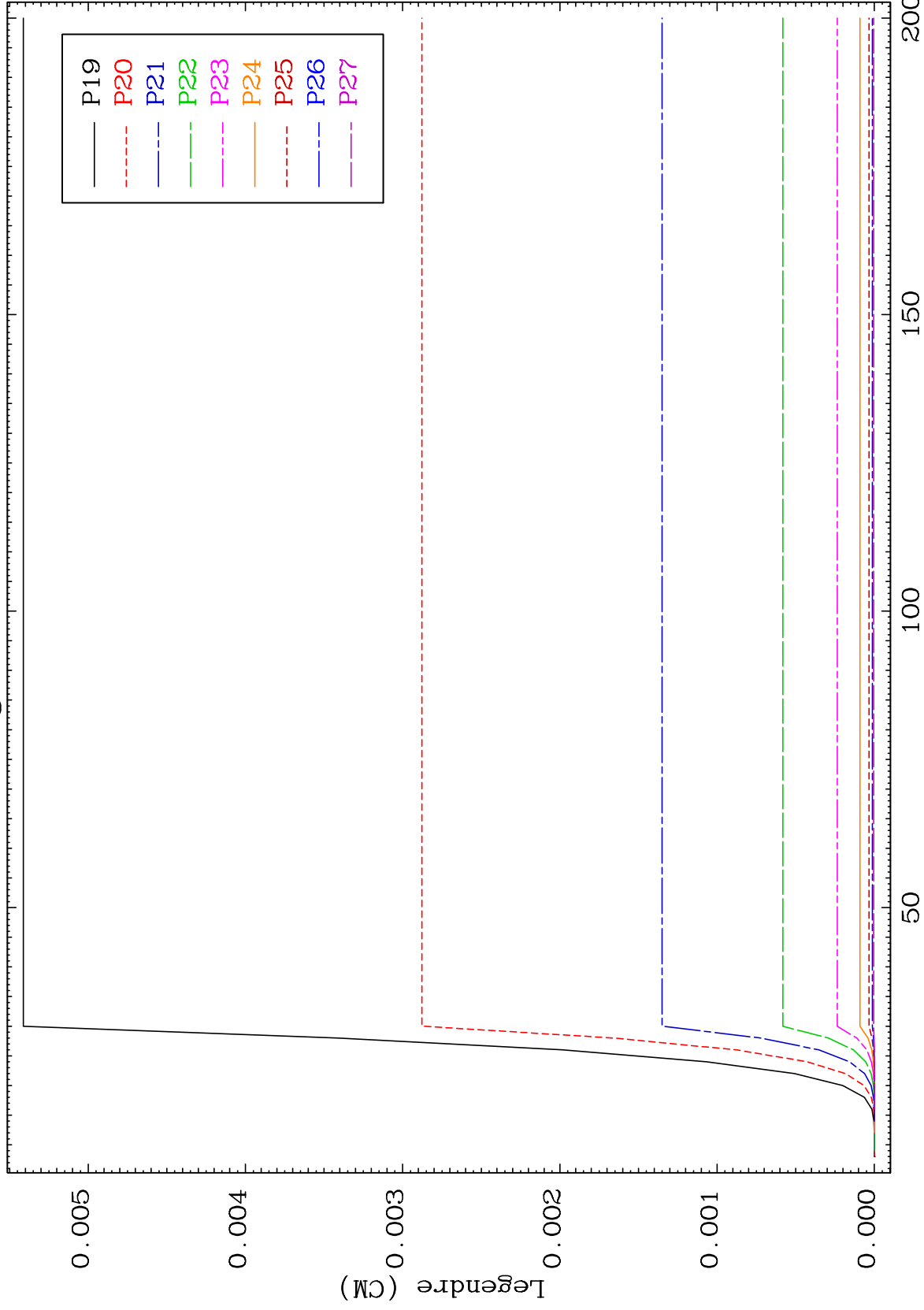
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



78

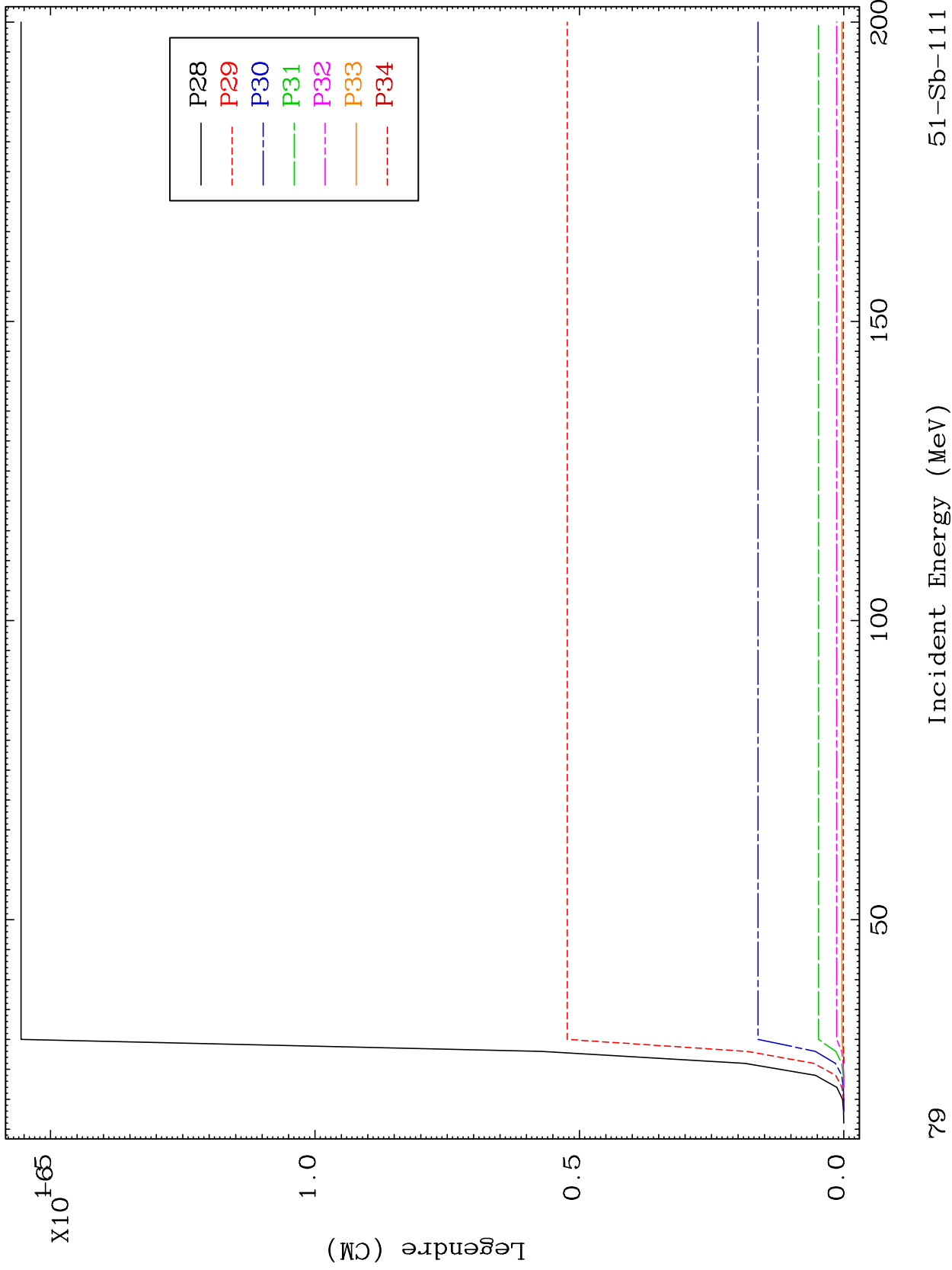
Incident Energy (MeV)

51-Sb-111

MAT 5095

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

51-Sb-111



79

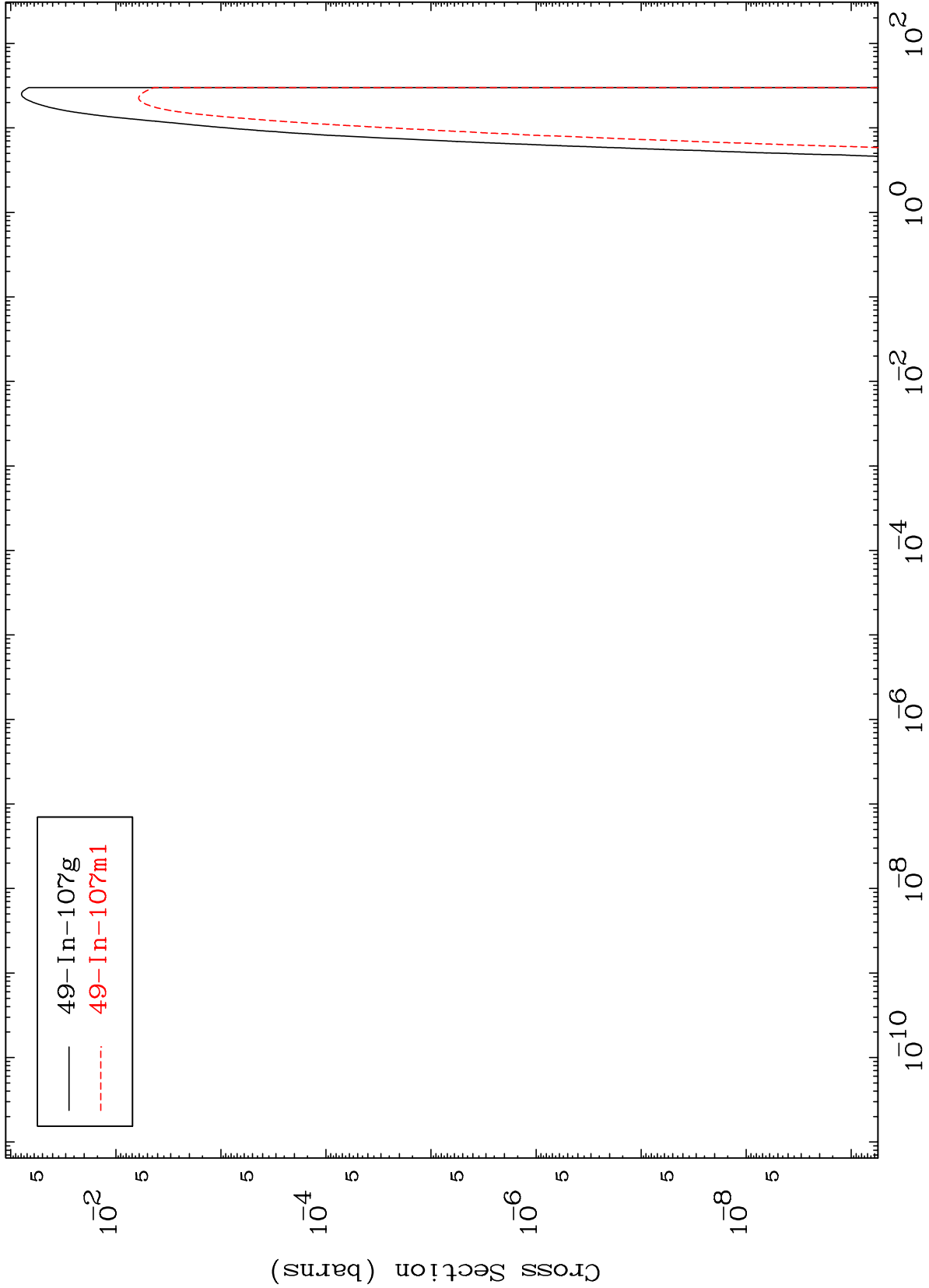
51-Sb-111

MAT 5095

(n,n')  $\alpha$

51-Sb-111

Radionuclide Production Cross Section



80

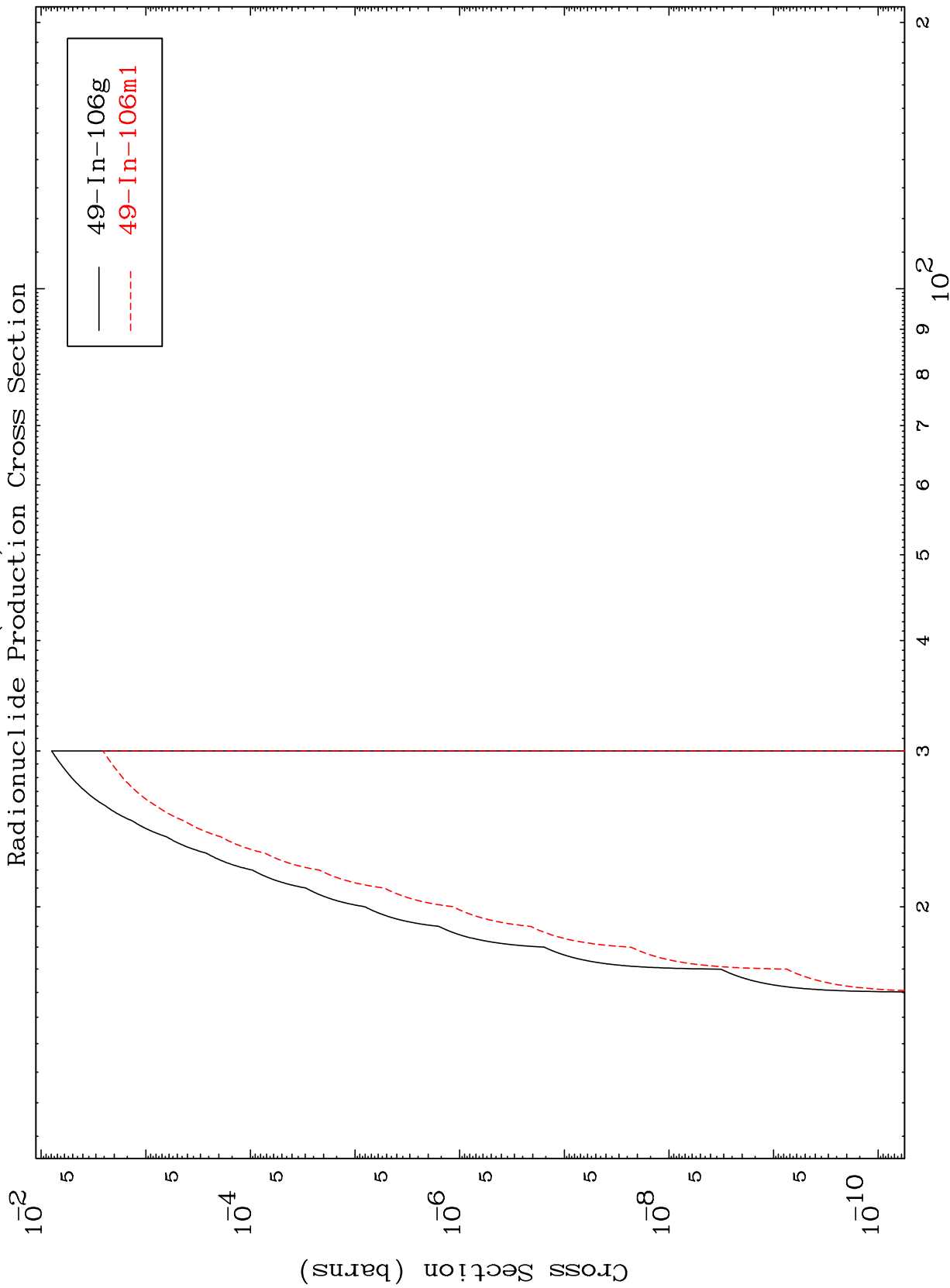
Incident Energy (MeV)

51-Sb-111

MAT 5095

(n,2n)  $\alpha$

51-Sb-111

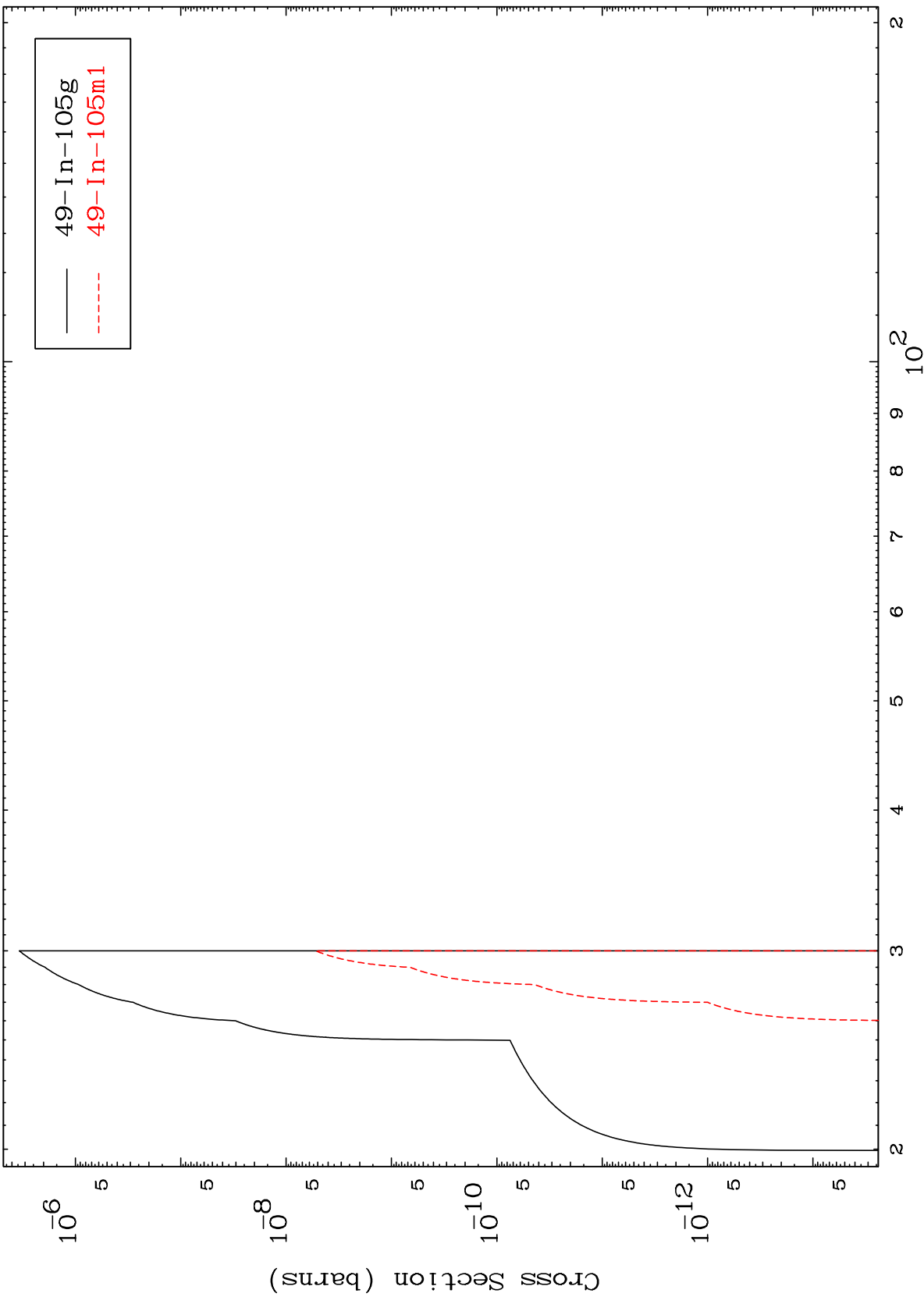


81

Incident Energy (MeV)

51-Sb-111

Radionuclide Production Cross Section

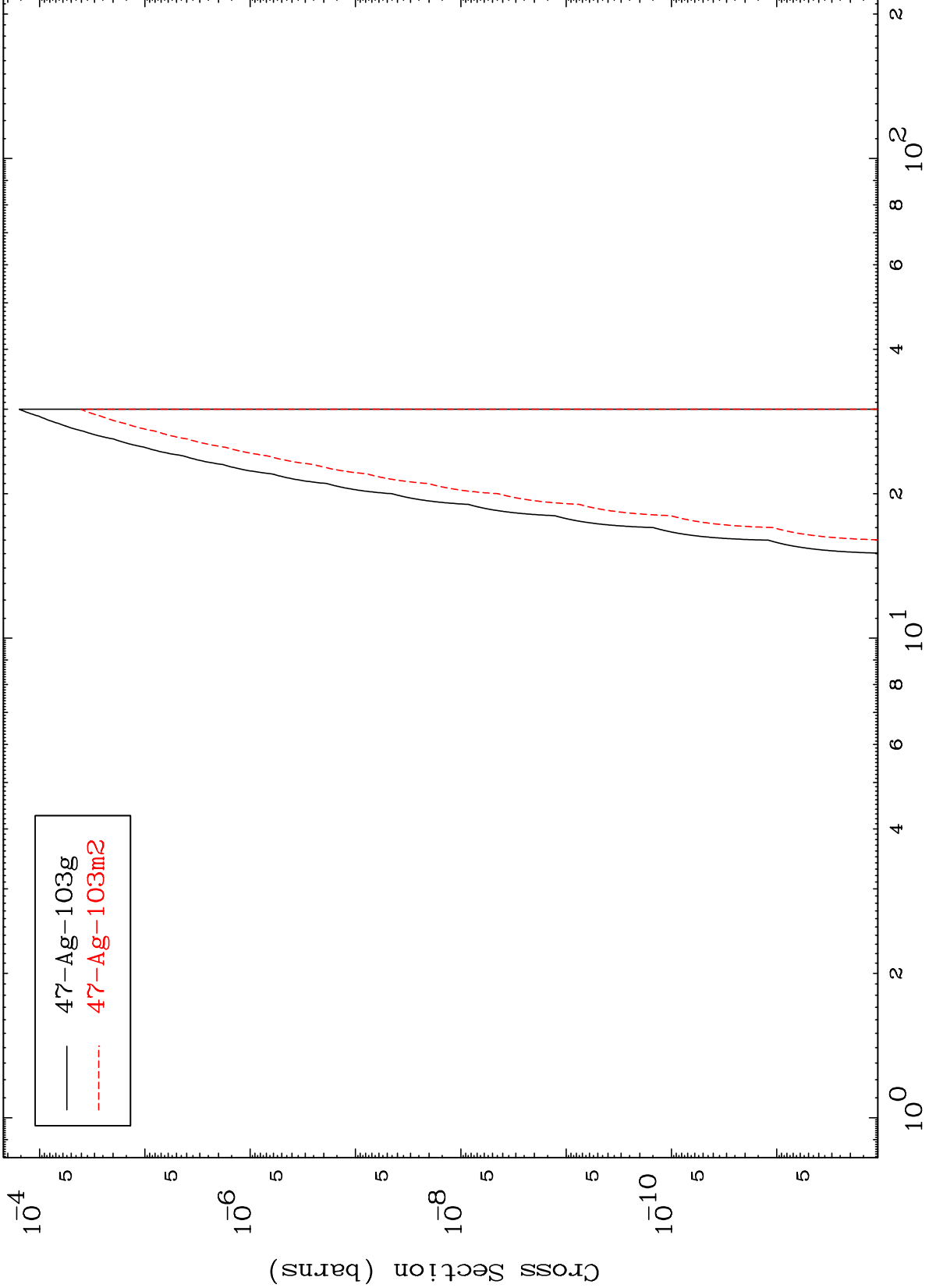


MAT 5095

(n,n') 2α

51-Sb-111

Radionuclide Production Cross Section



83

Incident Energy (MeV)

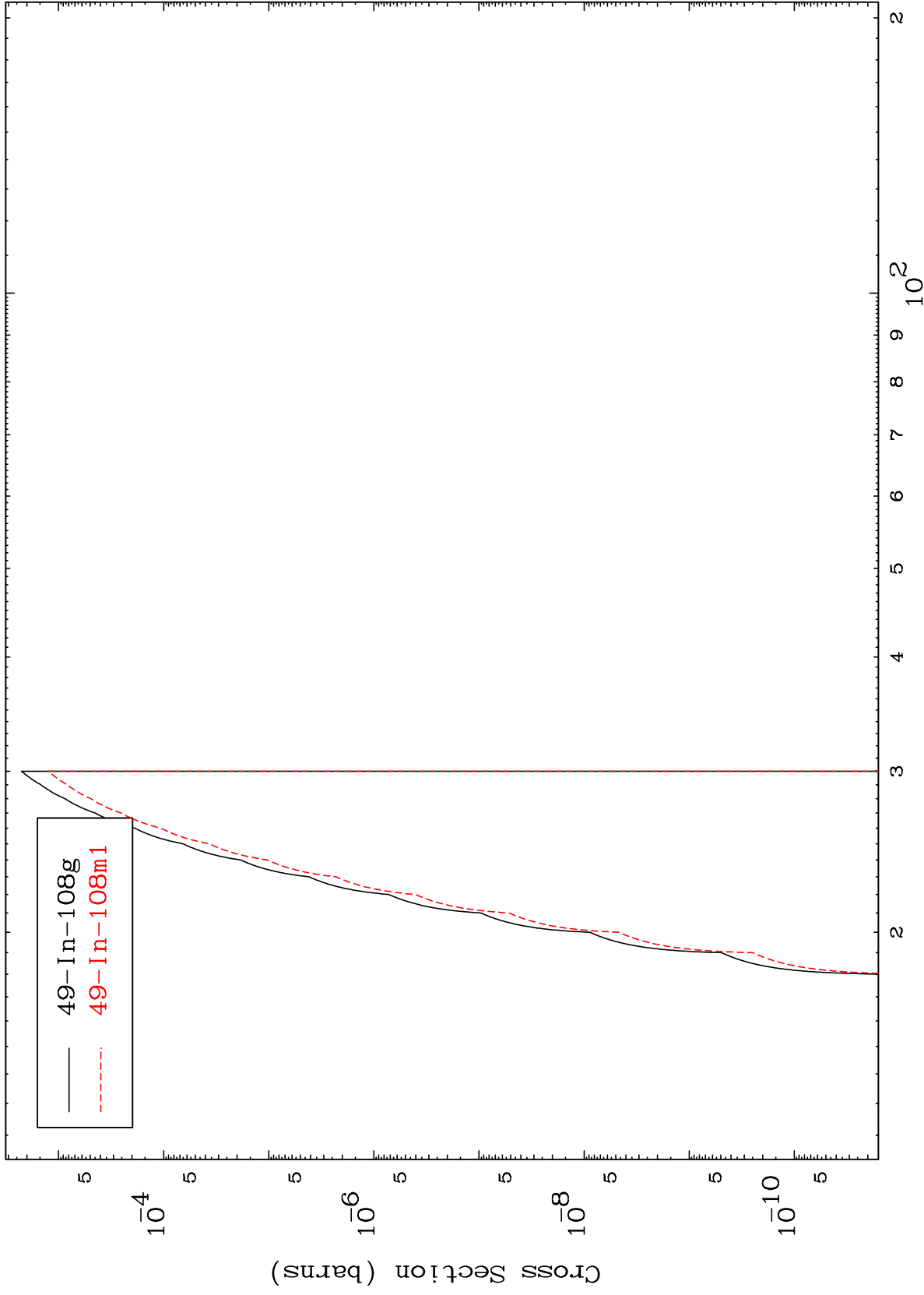
51-Sb-111

MAT 5095

(n,n') He-3

51-Sb-111

Radionuclide Production Cross Section



84

Incident Energy (MeV)

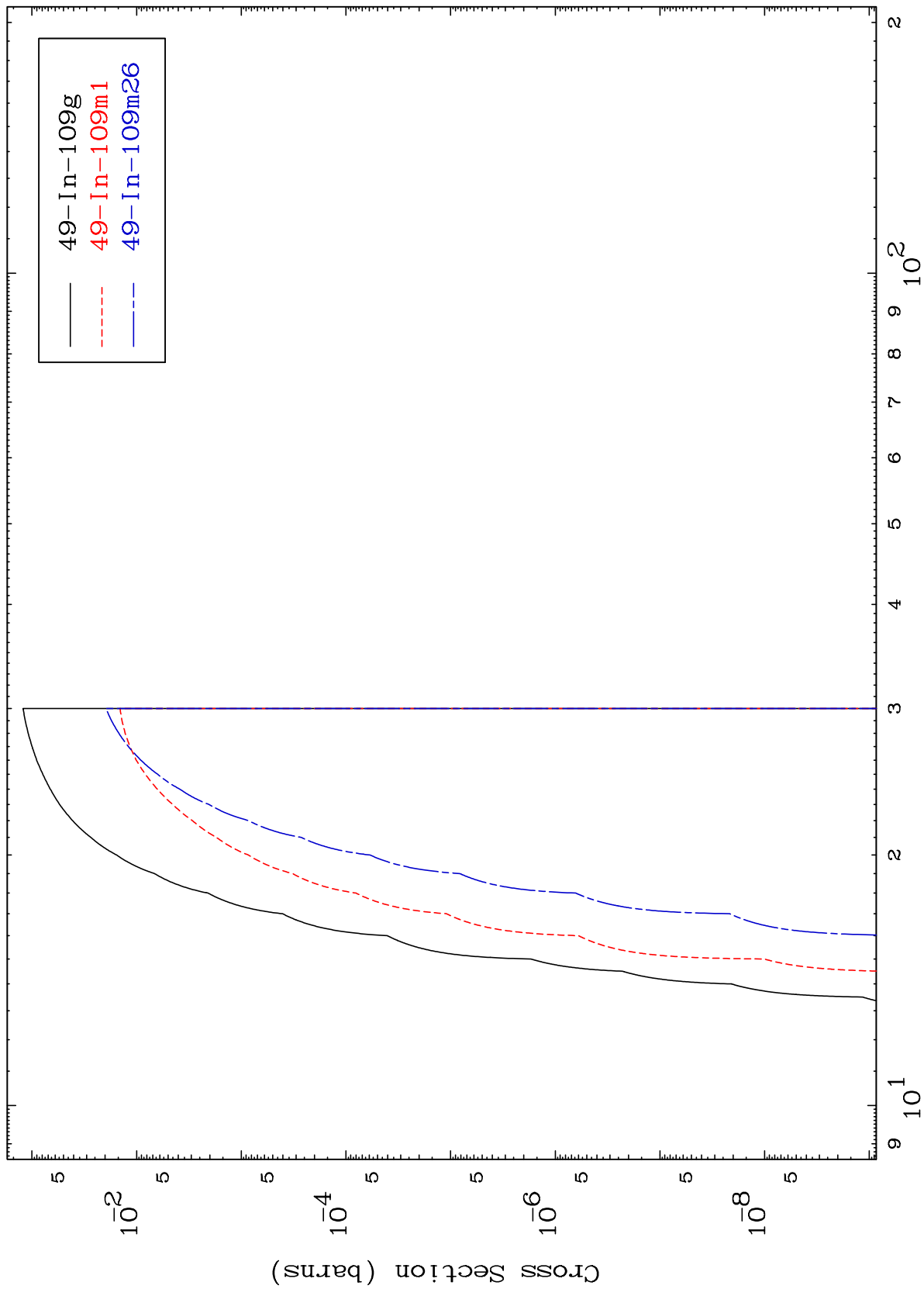
51-Sb-111

MAT 5095

(n,2n) p

51-Sb-111

Radionuclide Production Cross Section



85

Incident Energy (MeV)

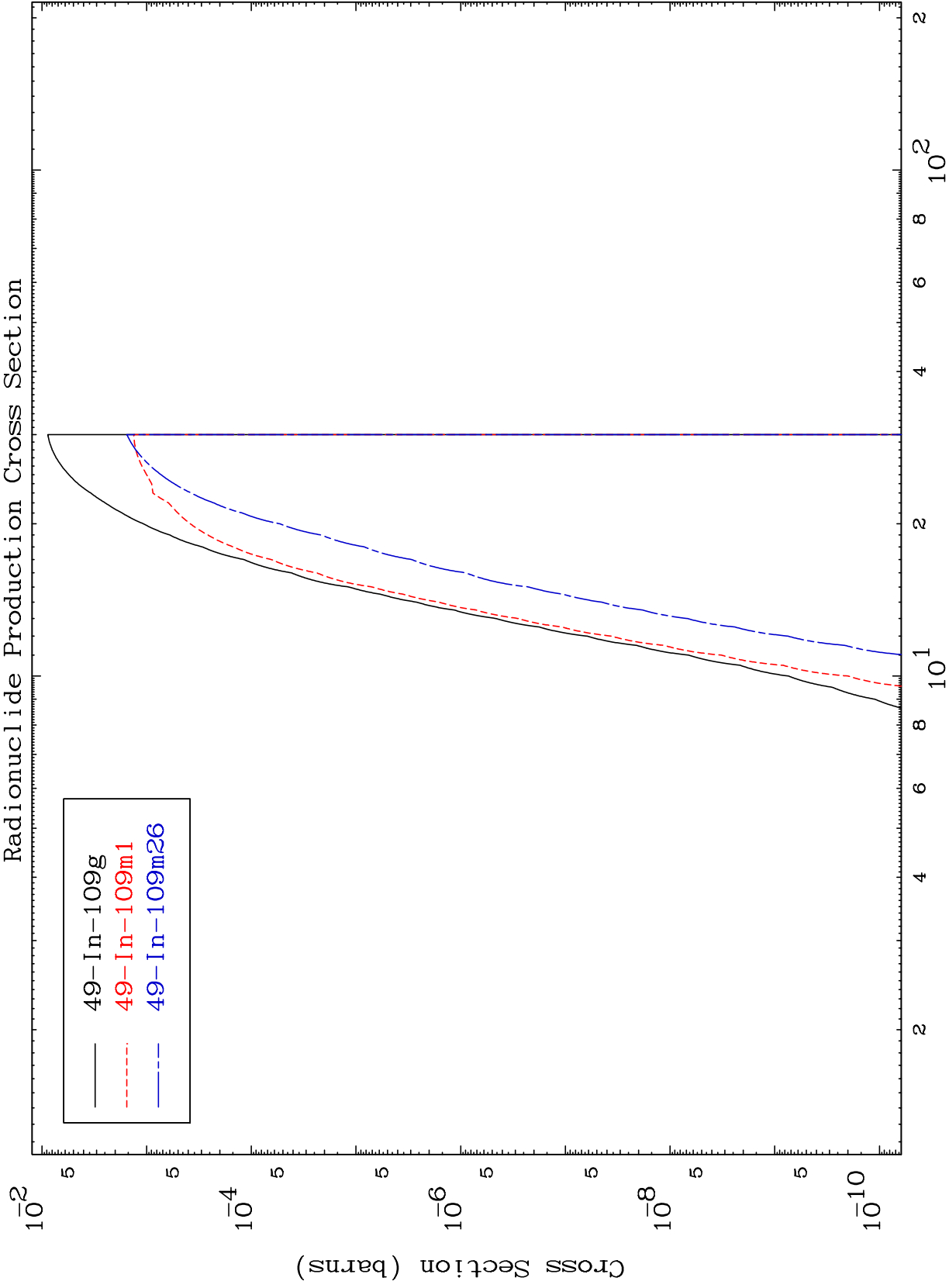
51-Sb-111

MAT 5095

(n,He-3)

51-Sb-111

Radionuclide Production Cross Section



86

Incident Energy (MeV)

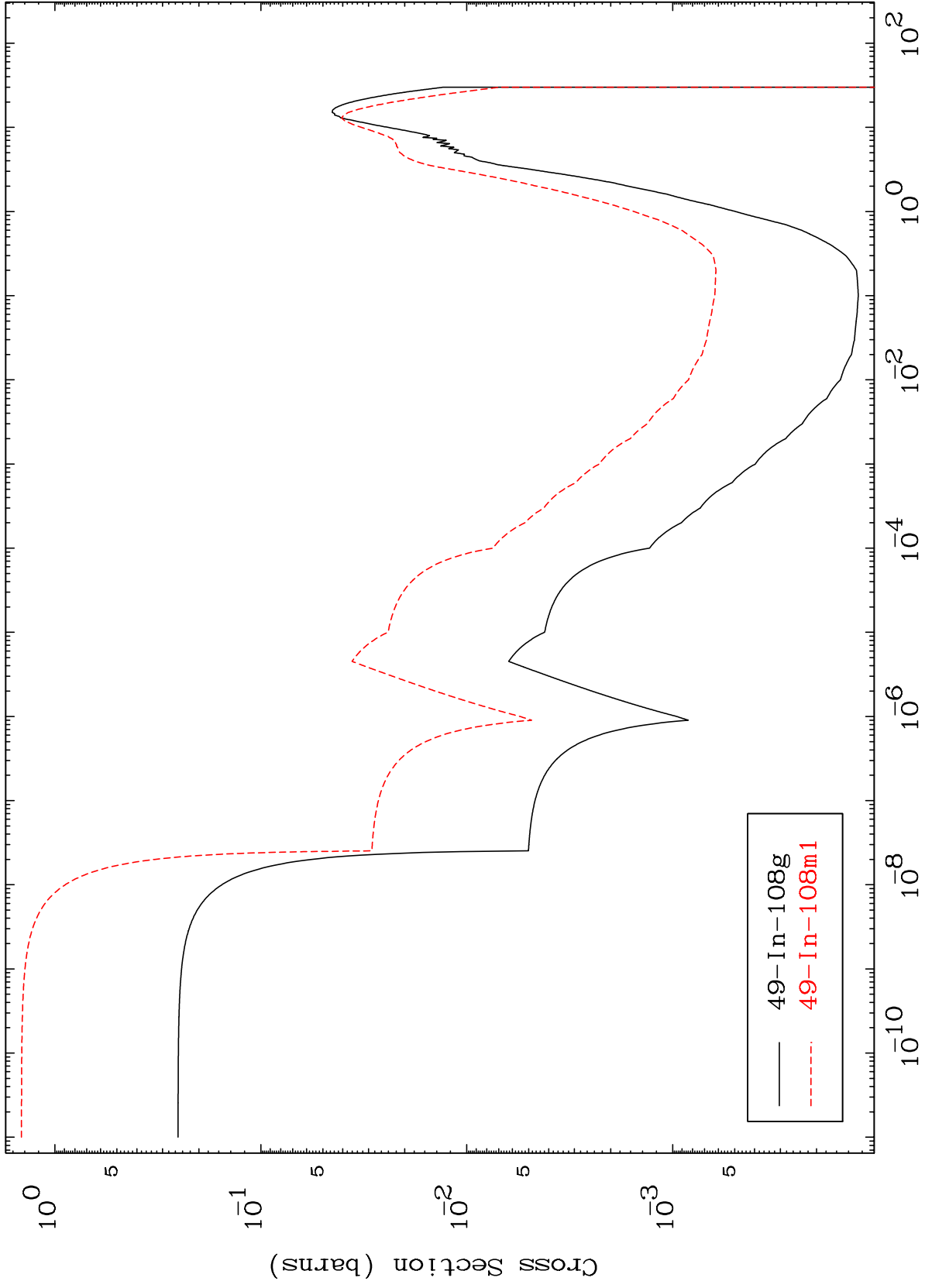
51-Sb-111

MAT 5095

(n,  $\alpha$ )

51-Sb-111

Radionuclide Production Cross Section



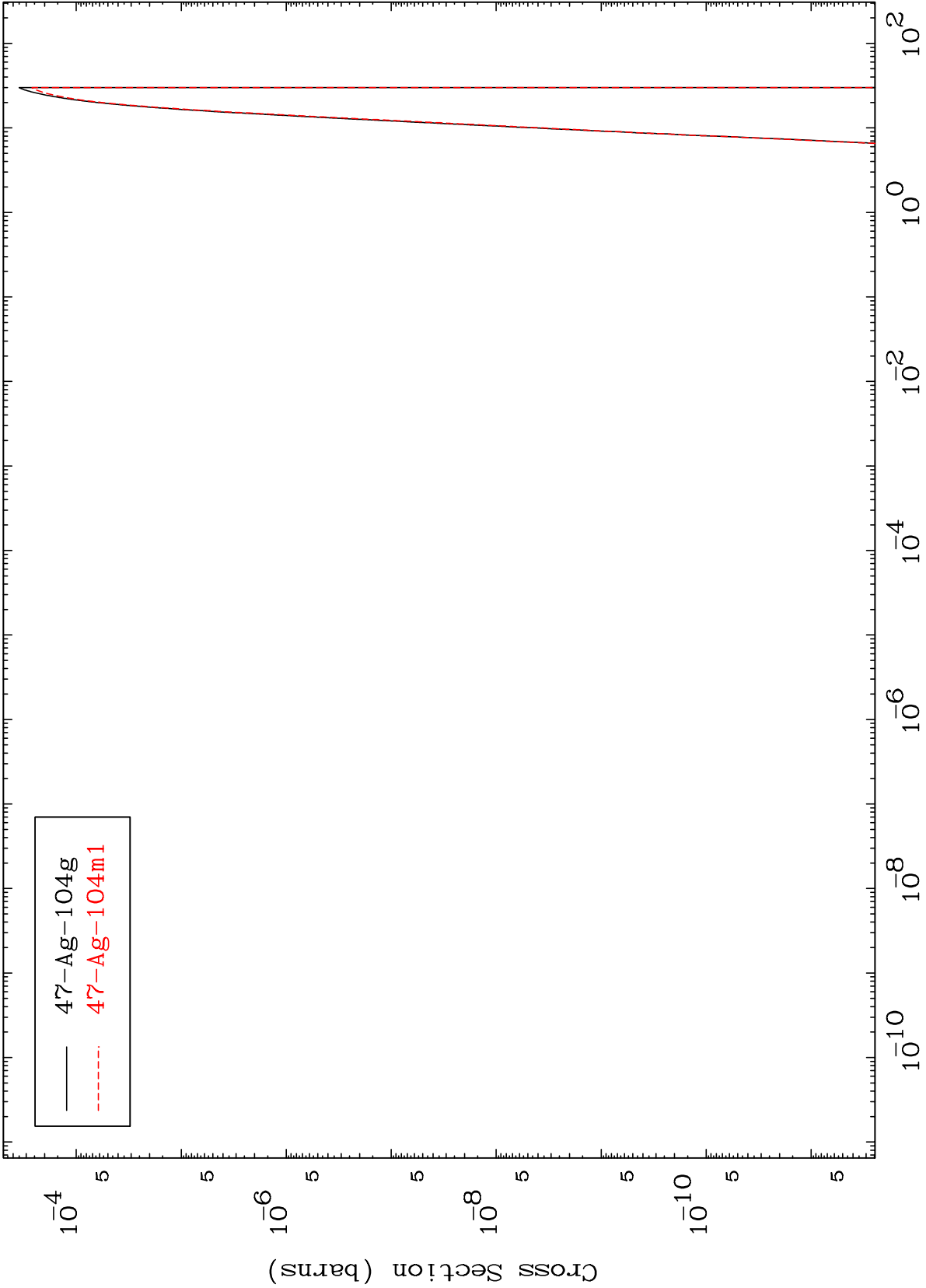
— 49-In-108g  
- - - 49-In-108m1

MAT 5095

(n,2α)

51-Sb-111

Radionuclide Production Cross Section

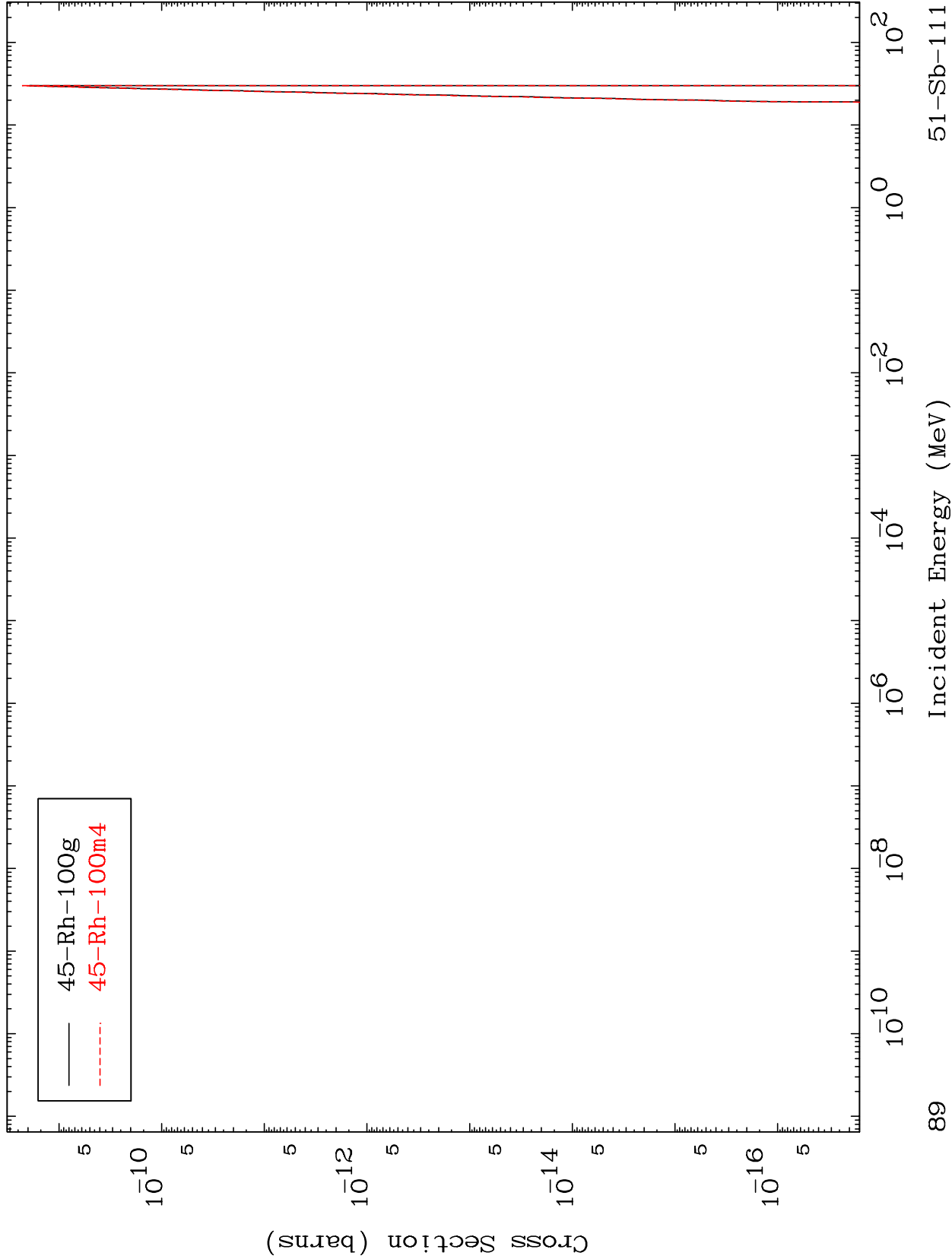


MAT 5095

(n,3α)

51-Sb-111

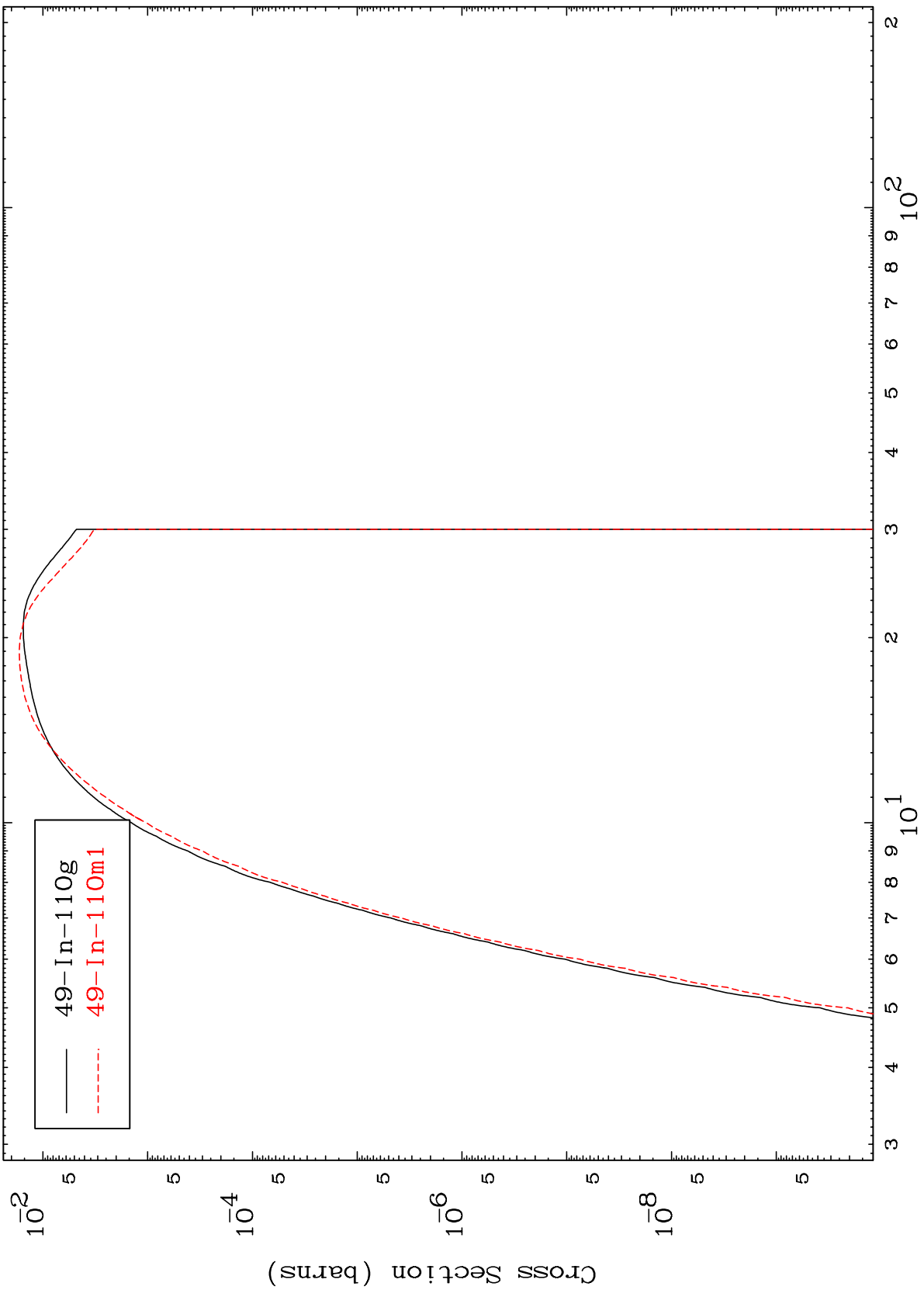
Radionuclide Production Cross Section



MAT 5095

51-Sb-111

(n,2p)  
Radionuclide Production Cross Section



— 49-In-110g  
- - - 49-In-110m1

90

Incident Energy (MeV)

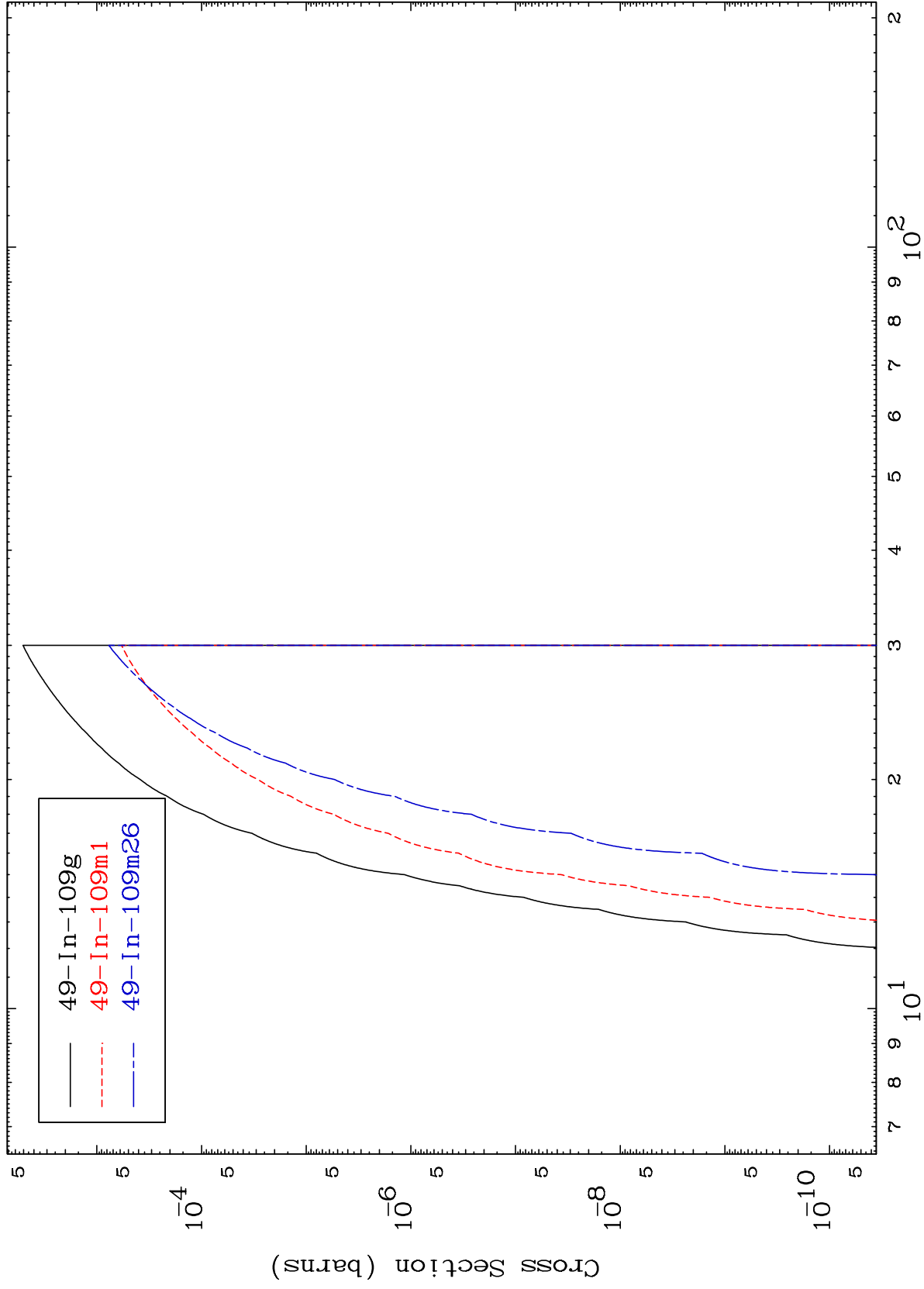
51-Sb-111

MAT 5095

(n,p) d

51-Sb-111

Radionuclide Production Cross Section



91

Incident Energy (MeV)

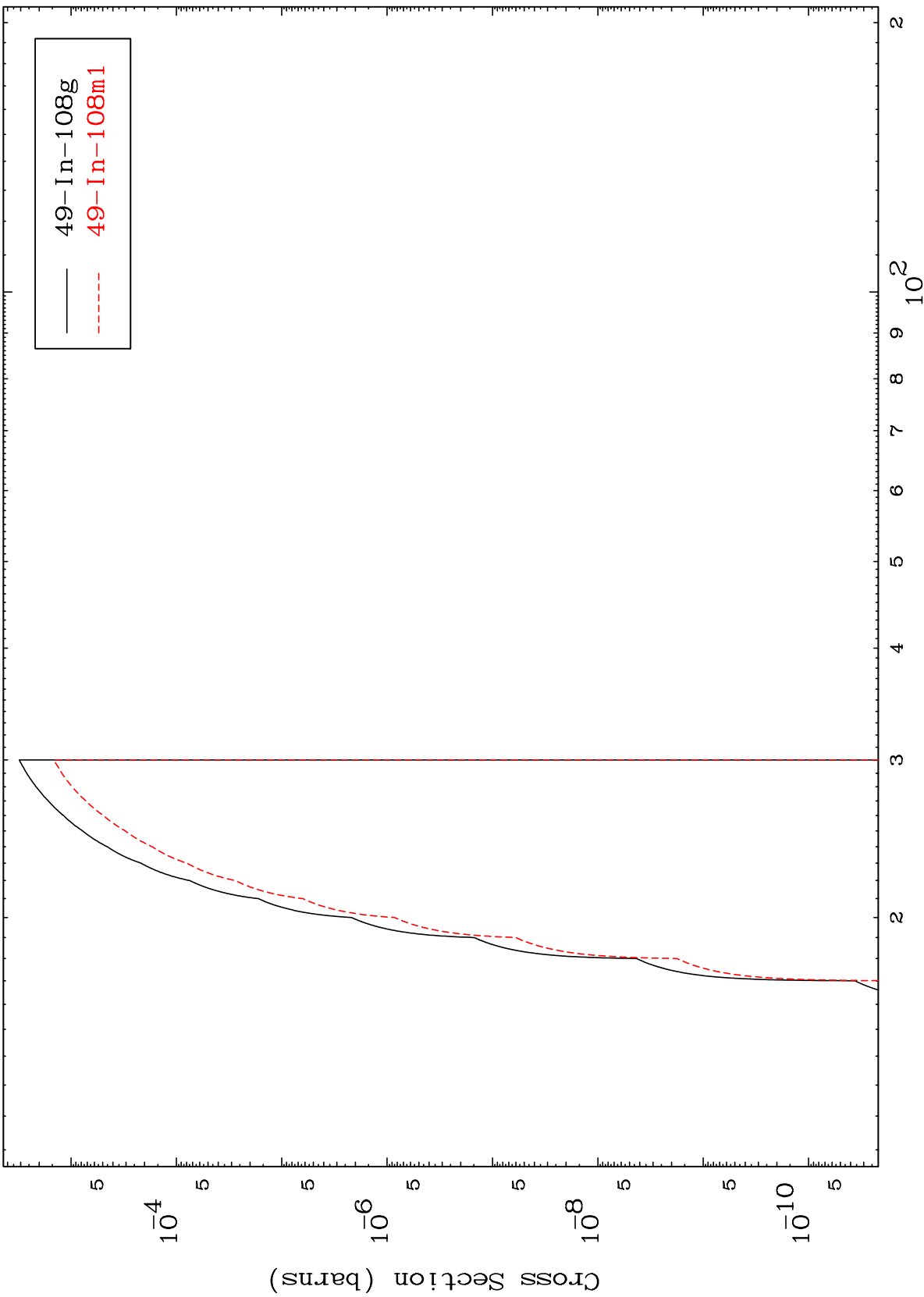
51-Sb-111

MAT 5095

(n,p) t

51-Sb-111

Radionuclide Production Cross Section



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

92

Incident Energy (MeV)

51-Sb-111