

Program EVALPLOT  
(Version 2021-1)

by

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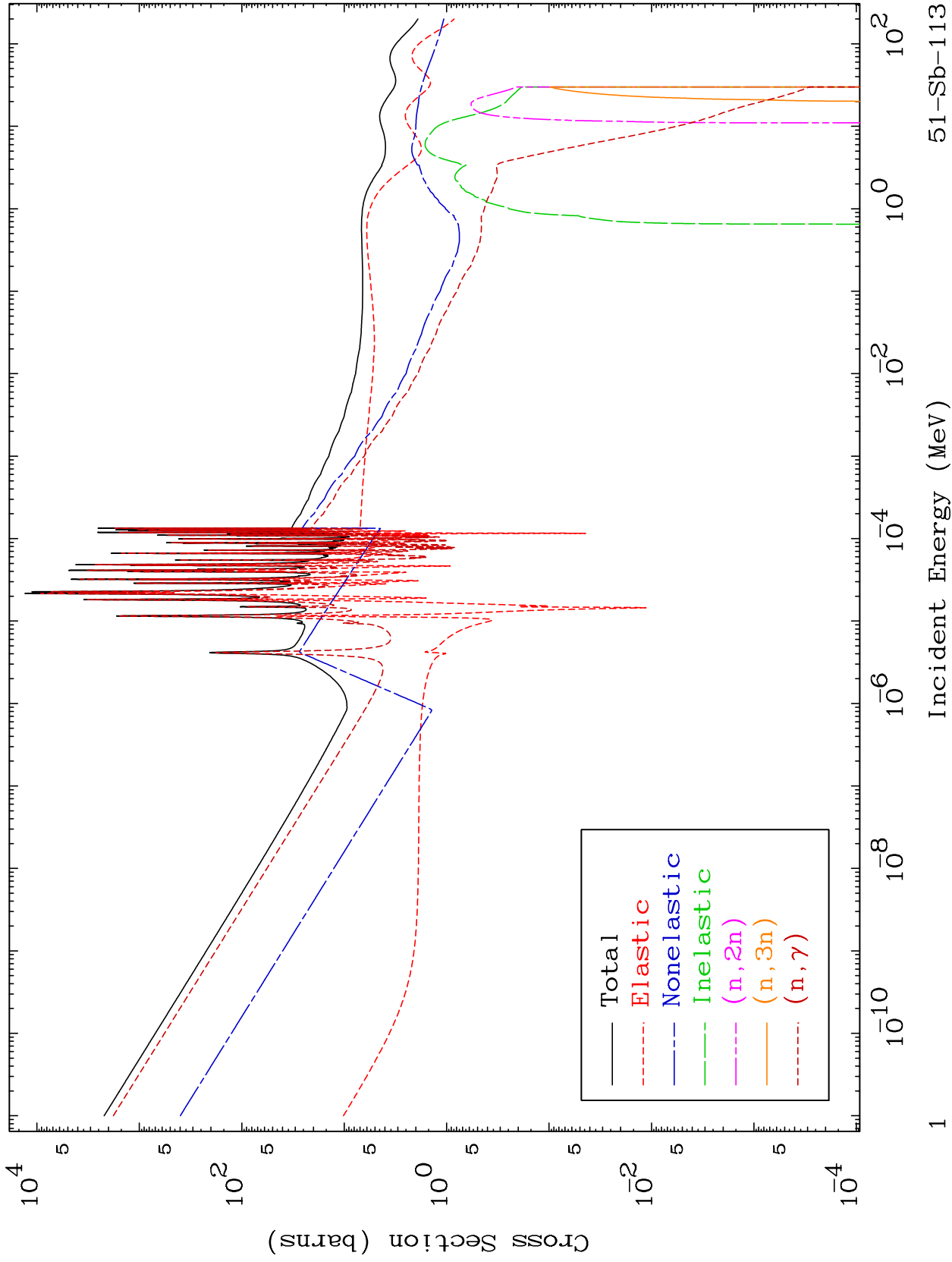
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5101

Neutron Major  
293 Kelvin Cross Sections

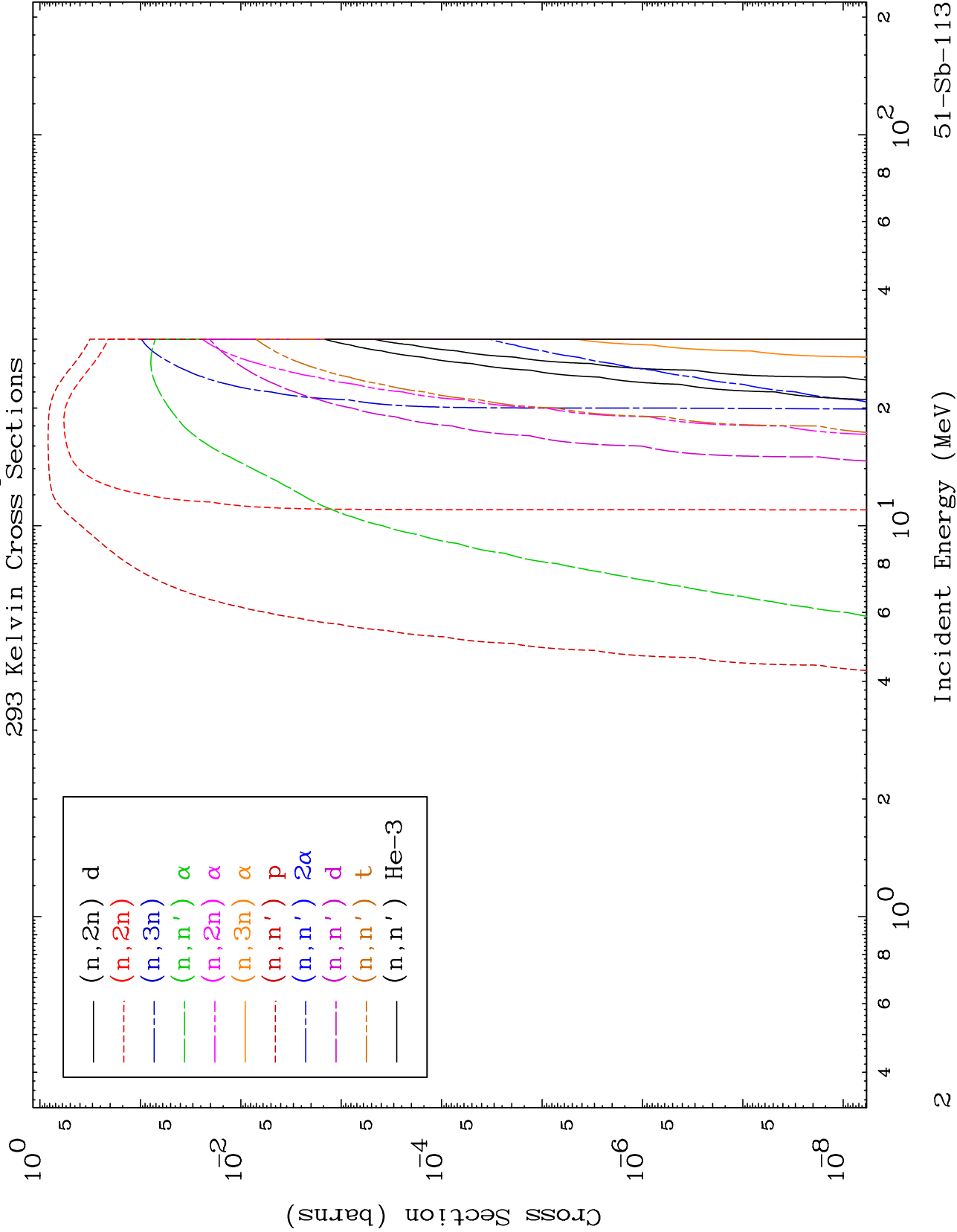
51-Sb-113



MAT 5101

Neutron Absorption

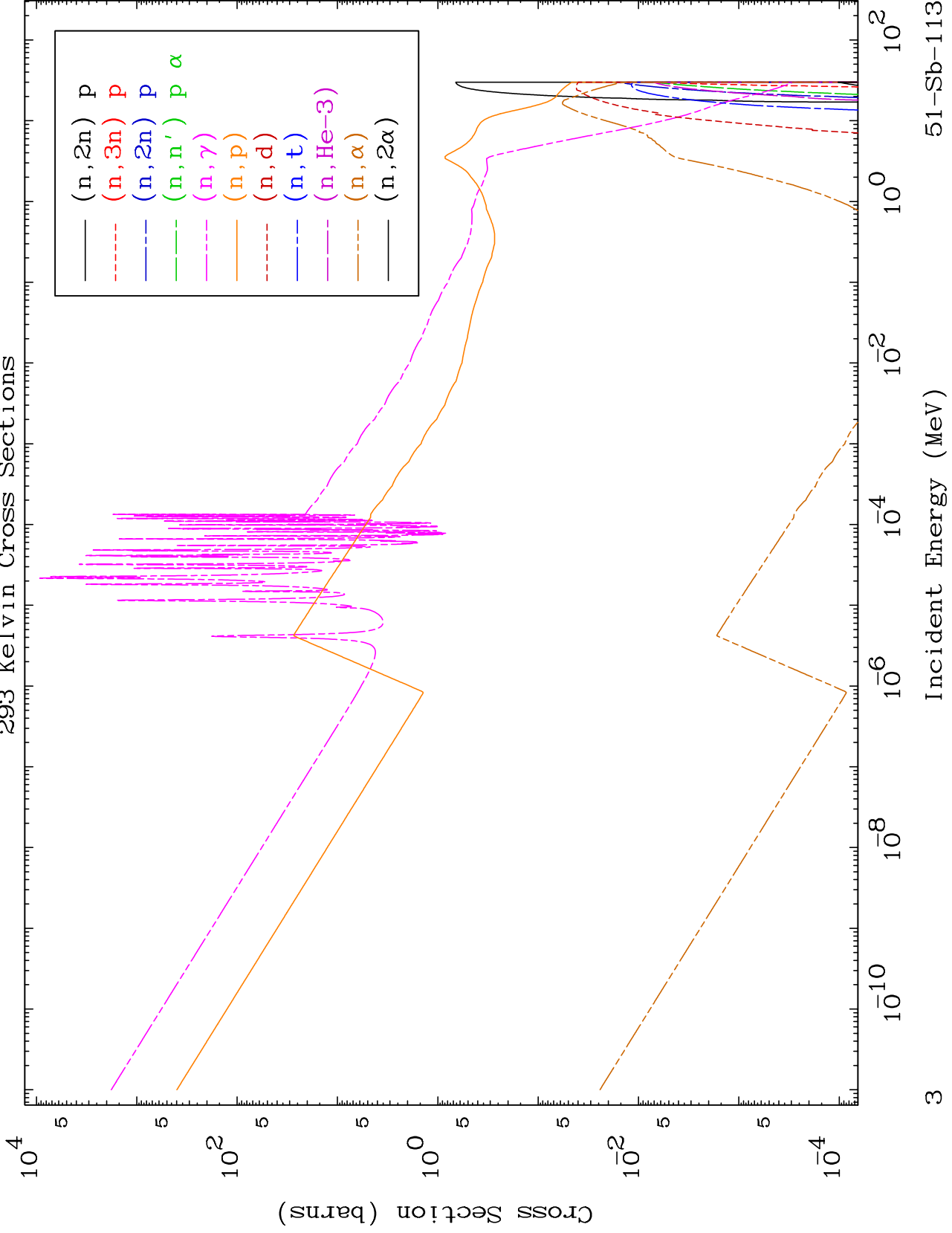
51-Sb-113

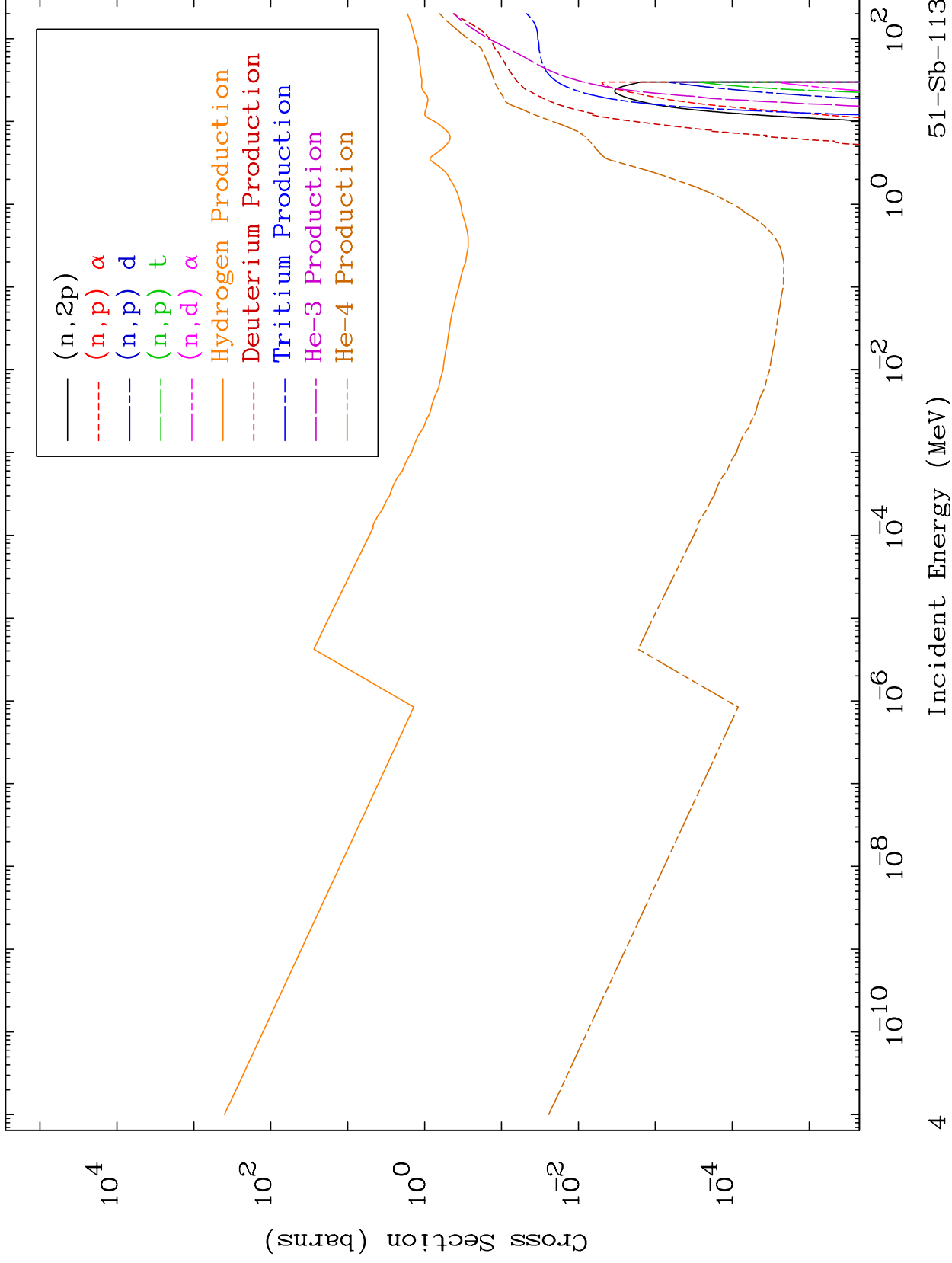


MAT 5101

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-113

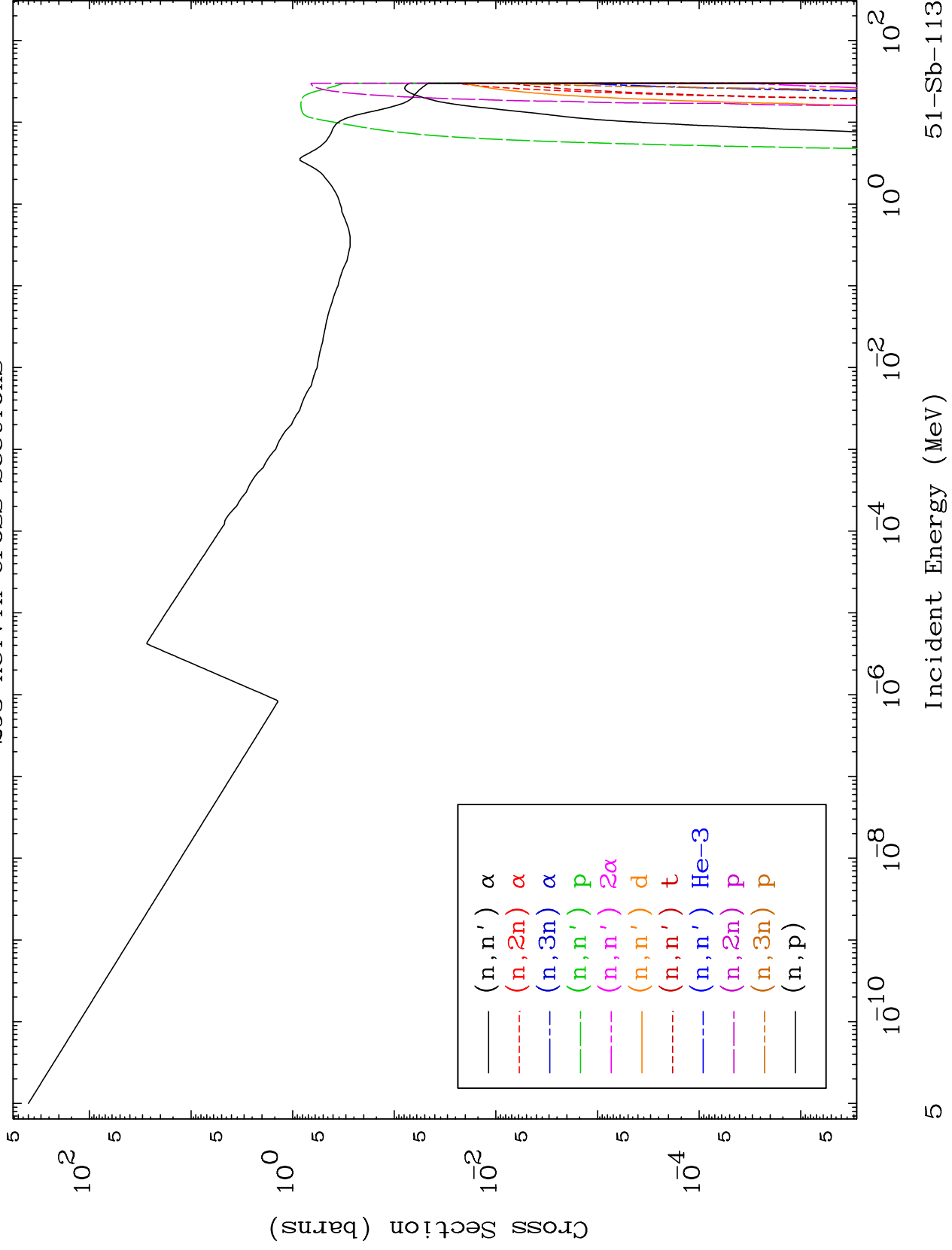




MAT 5101

Charged Particle  
293 Kelvin Cross Sections

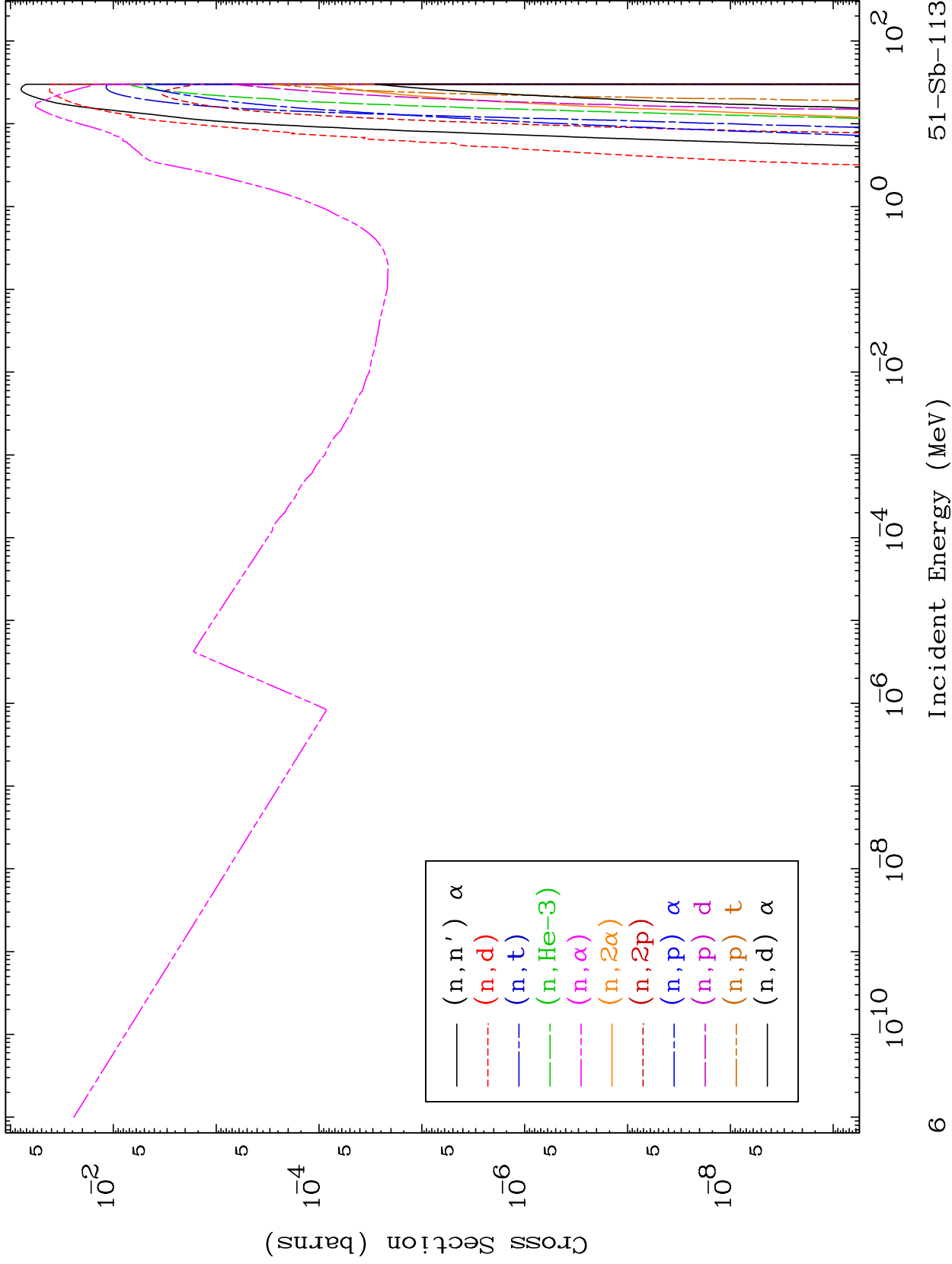
51-Sb-113

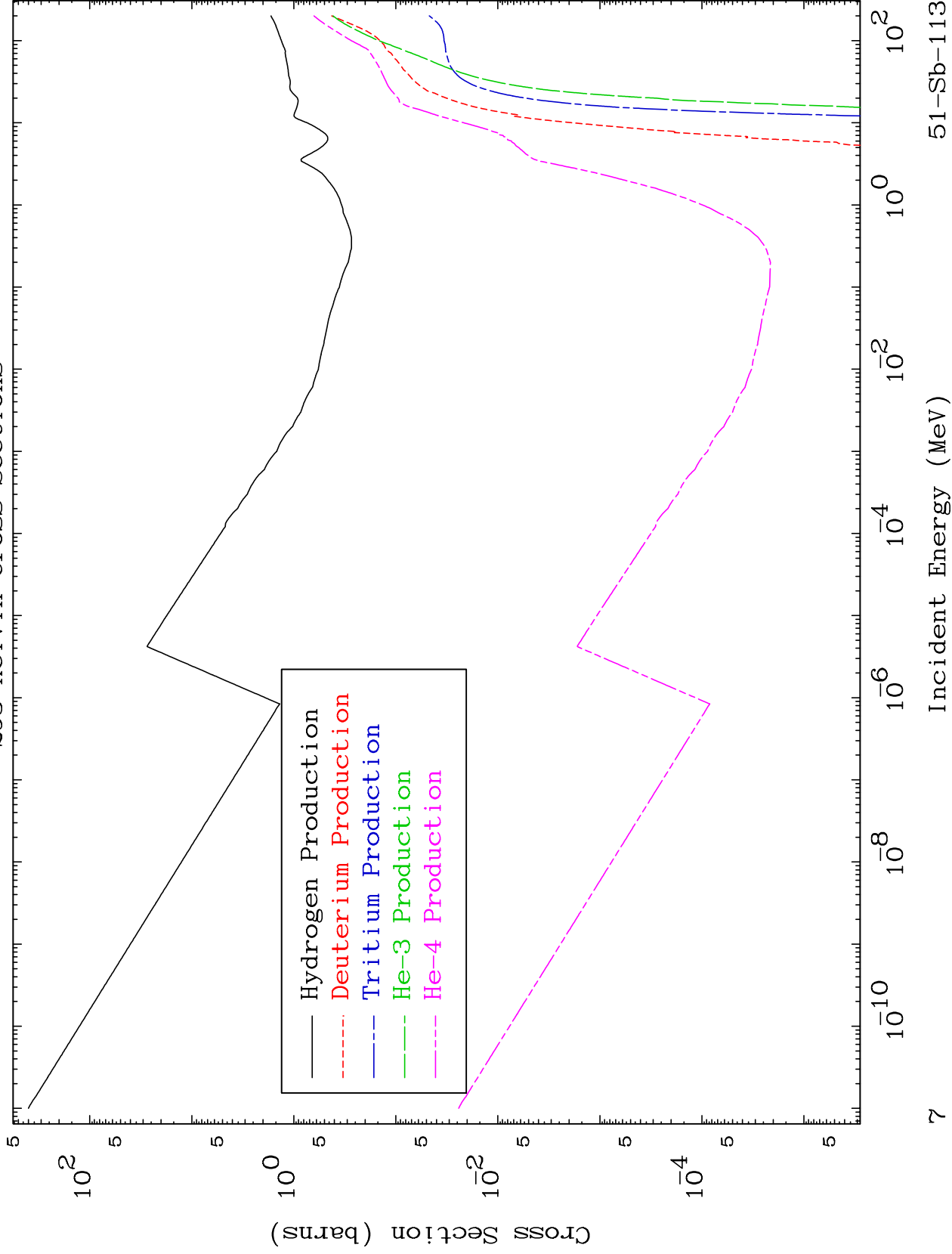


MAT 5101

Charged Particle  
293 Kelvin Cross Sections

51-Sb-113





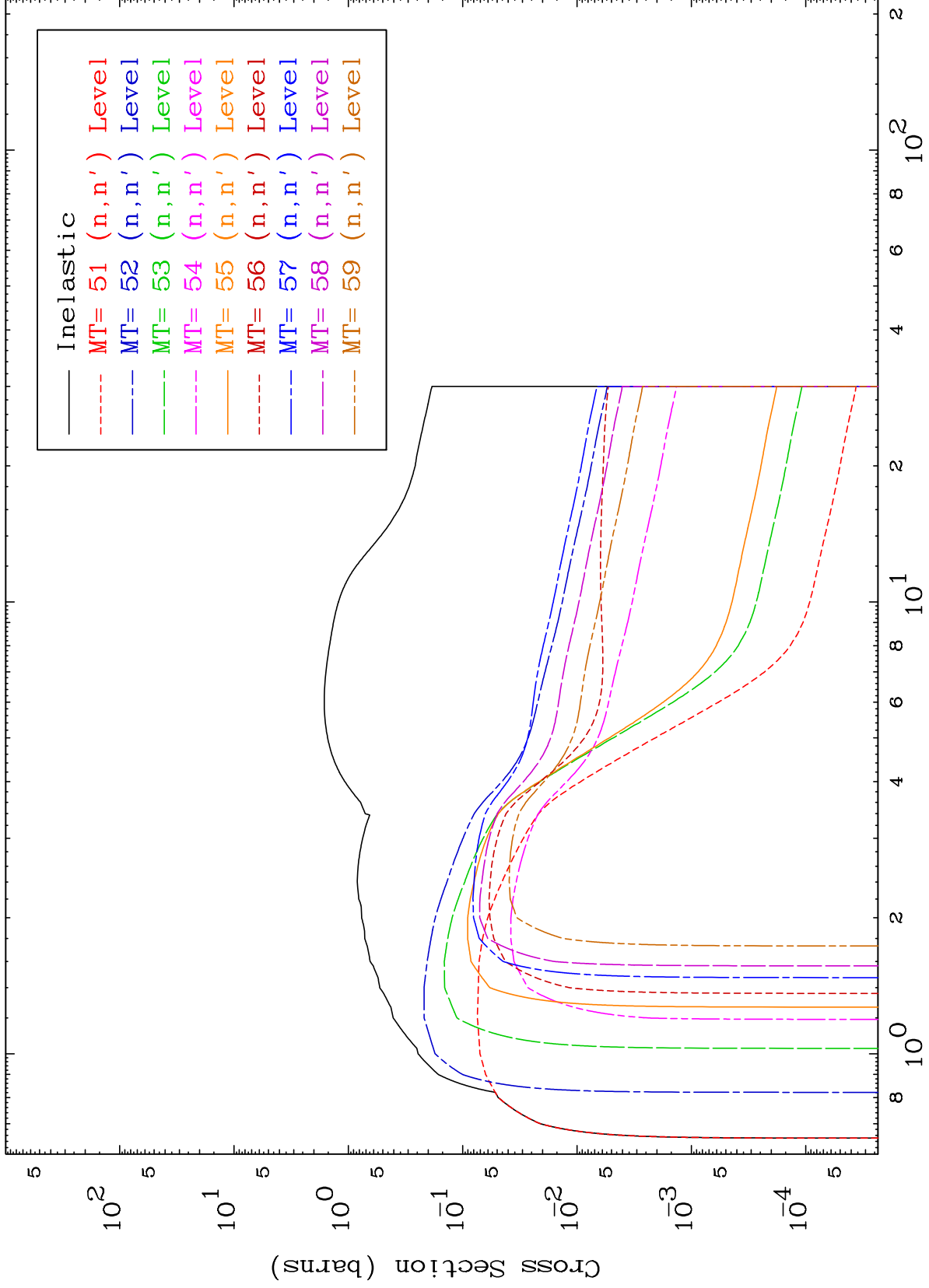


MAT 5101

(n,n') Levels

51-Sb-113

293 Kelvin Cross Sections

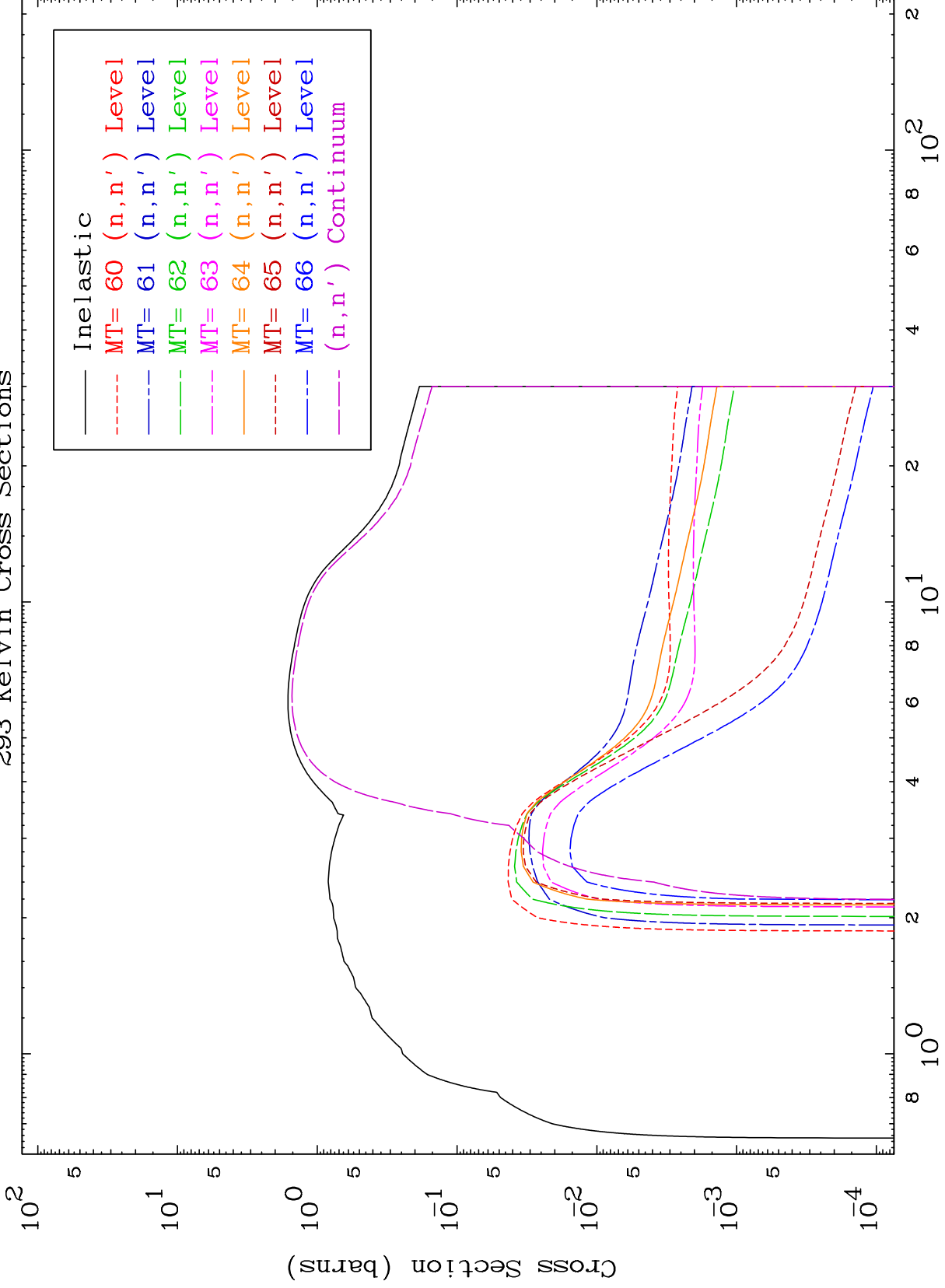


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Incident Energy (MeV)

51-Sb-113

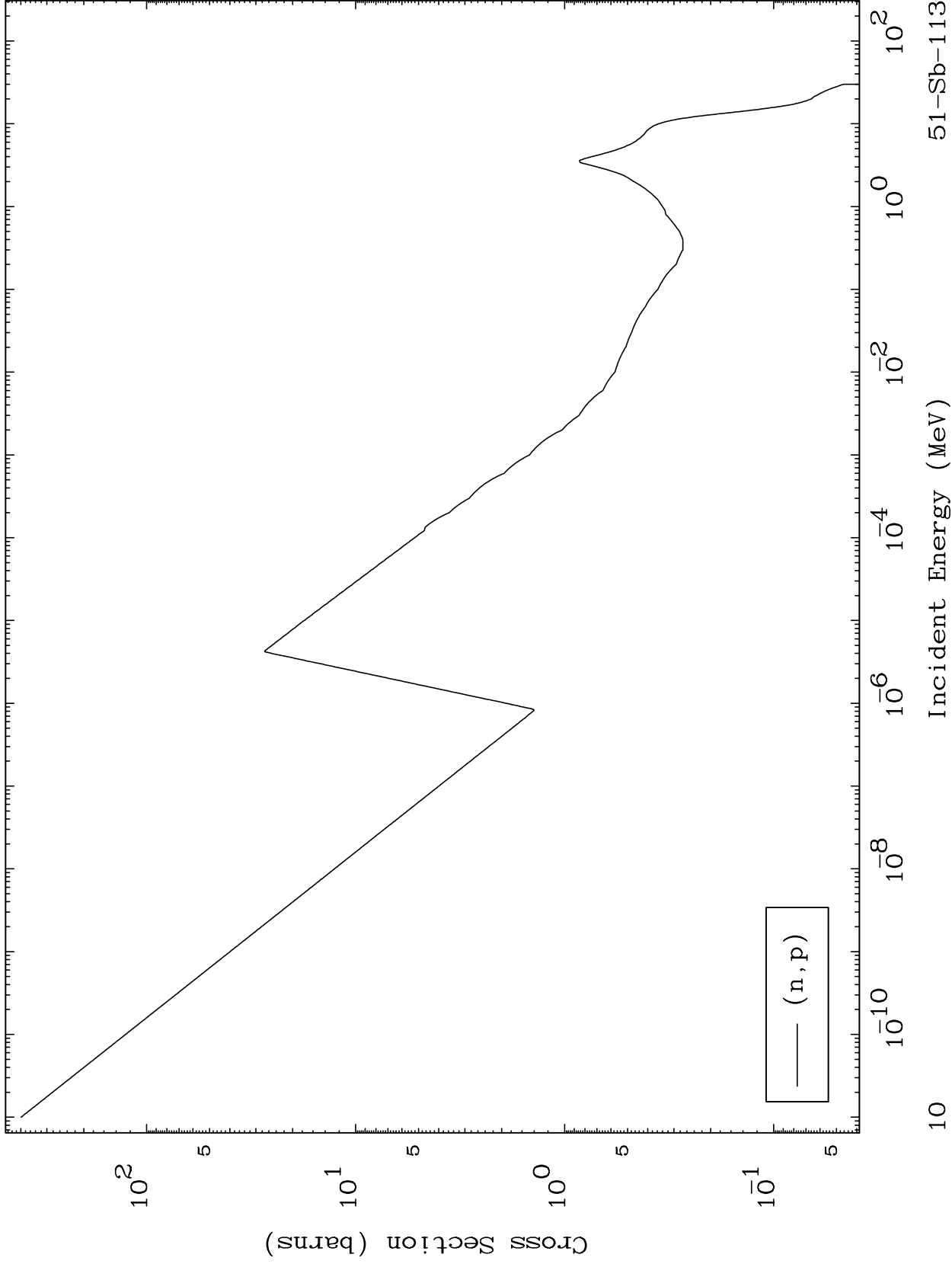
293 Kelvin Cross Sections



MAT 5101

(n,p) Levels  
293 Kelvin Cross Sections

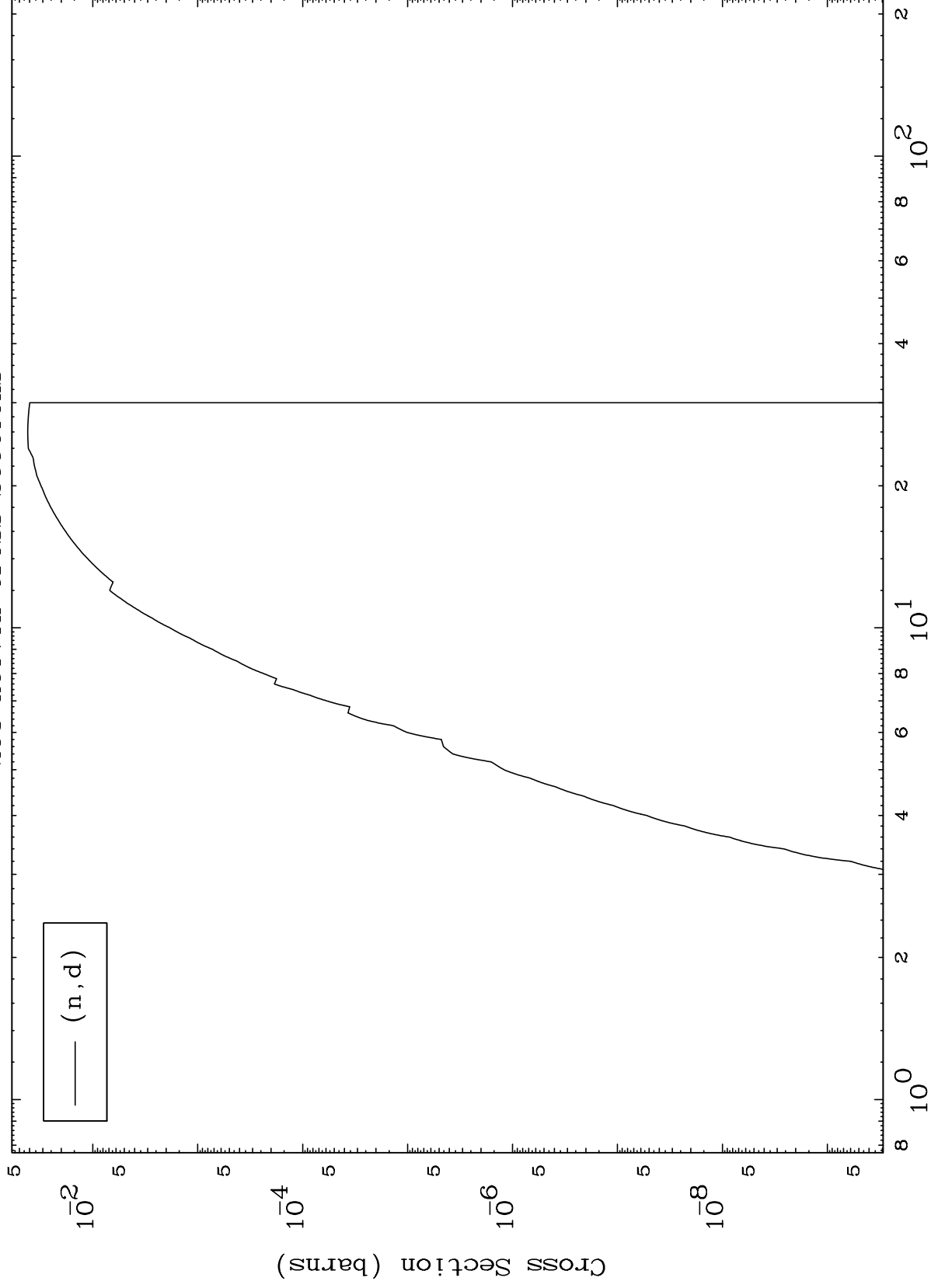
51-Sb-113



MAT 5101

51-Sb-113

(n,d) Levels  
293 Kelvin Cross Sections



51-Sb-113

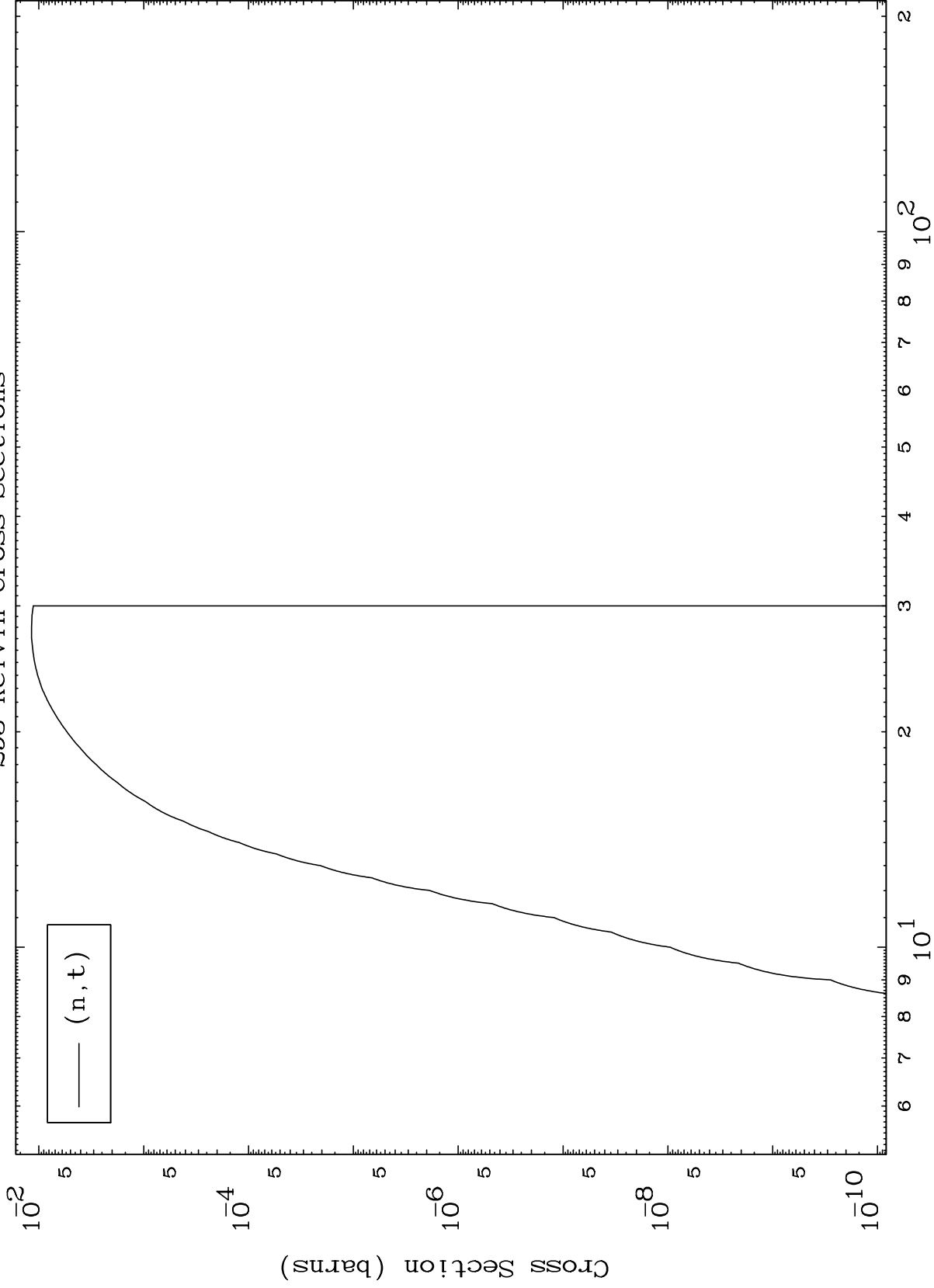
Incident Energy (MeV)

11

MAT 5101

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-113



12

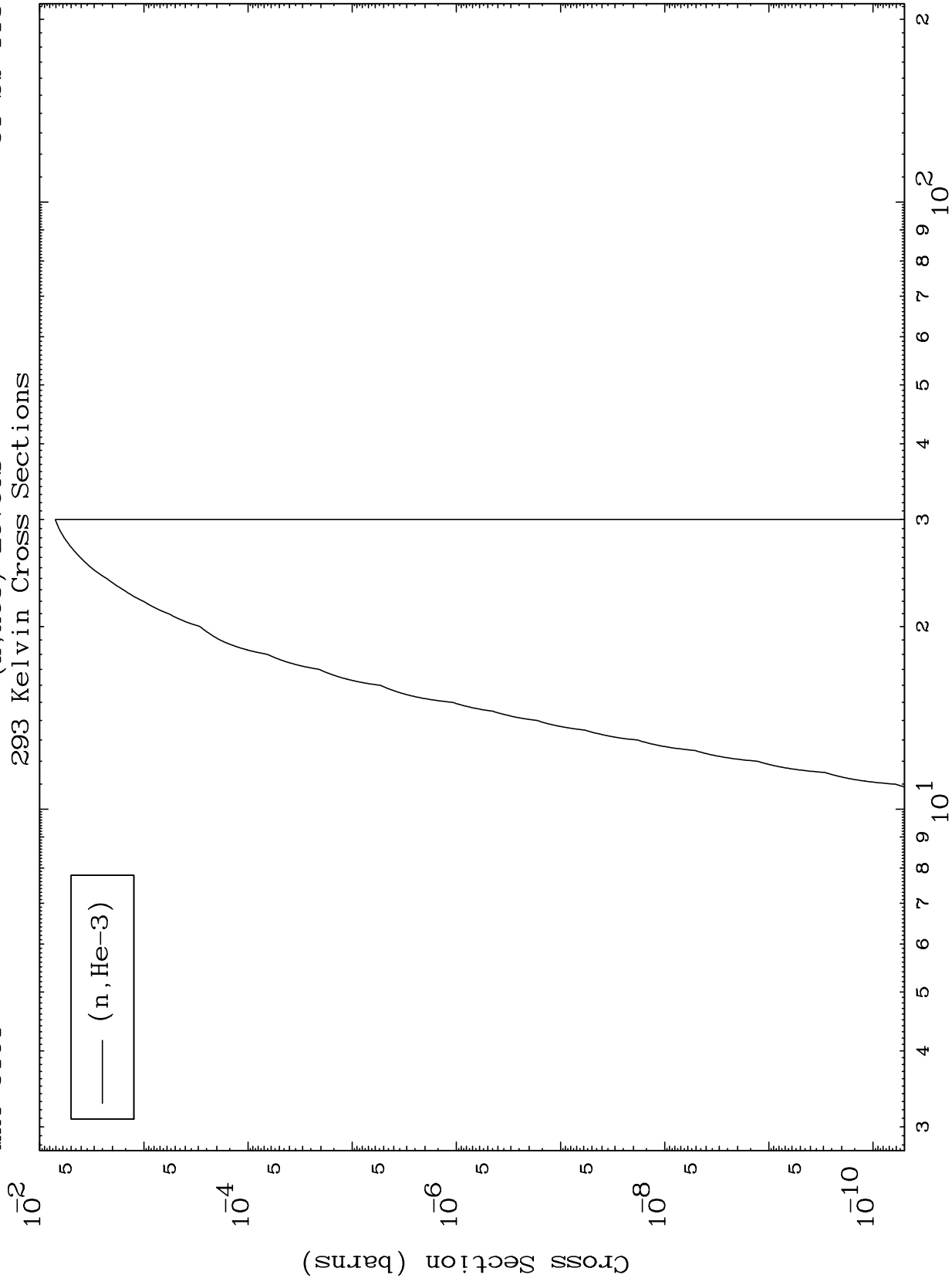
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,He3) Levels  
293 Kelvin Cross Sections



51-Sb-113

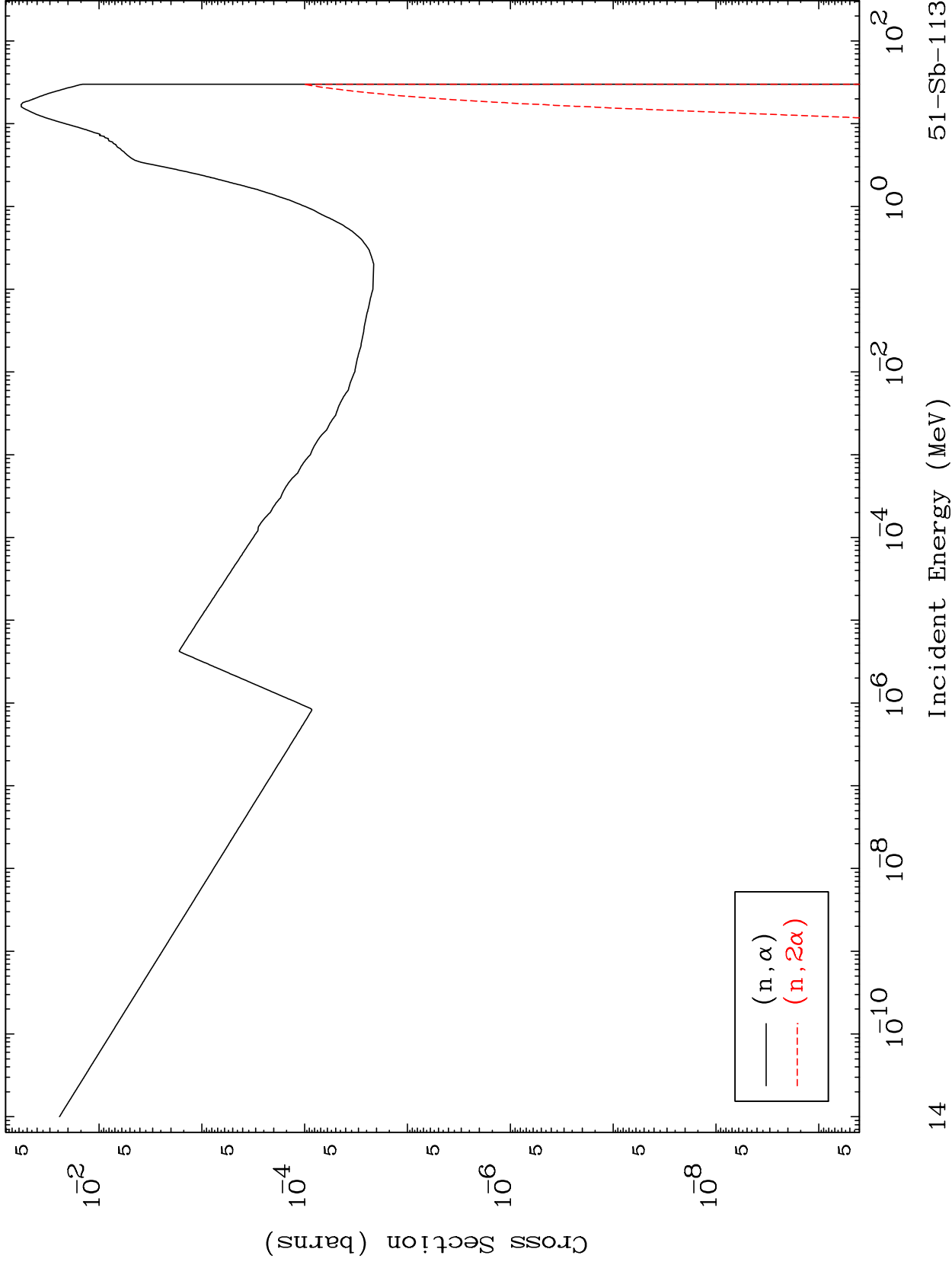
Incident Energy (MeV)

13

MAT 5101

(n,α) Levels  
293 Kelvin Cross Sections

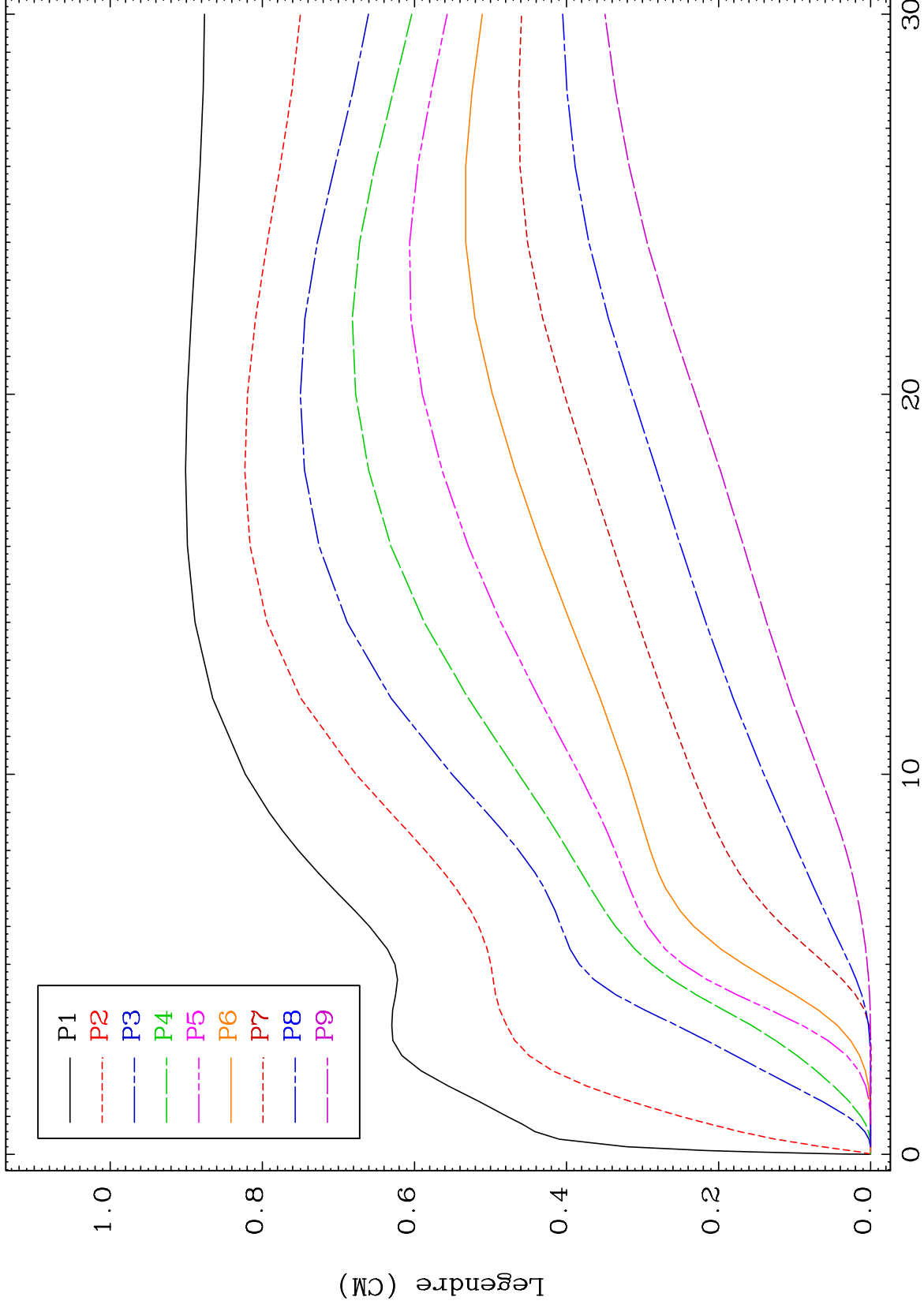
51-Sb-113



MAT 5101

Elastic Legendre Coefficients

51-Sb-113



0

15

Incident Energy (MeV)

51-Sb-113

30

20

10

0.0

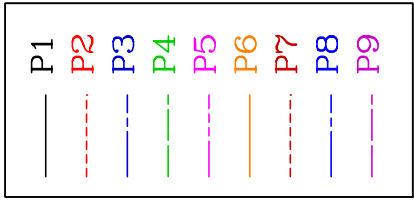
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0.4

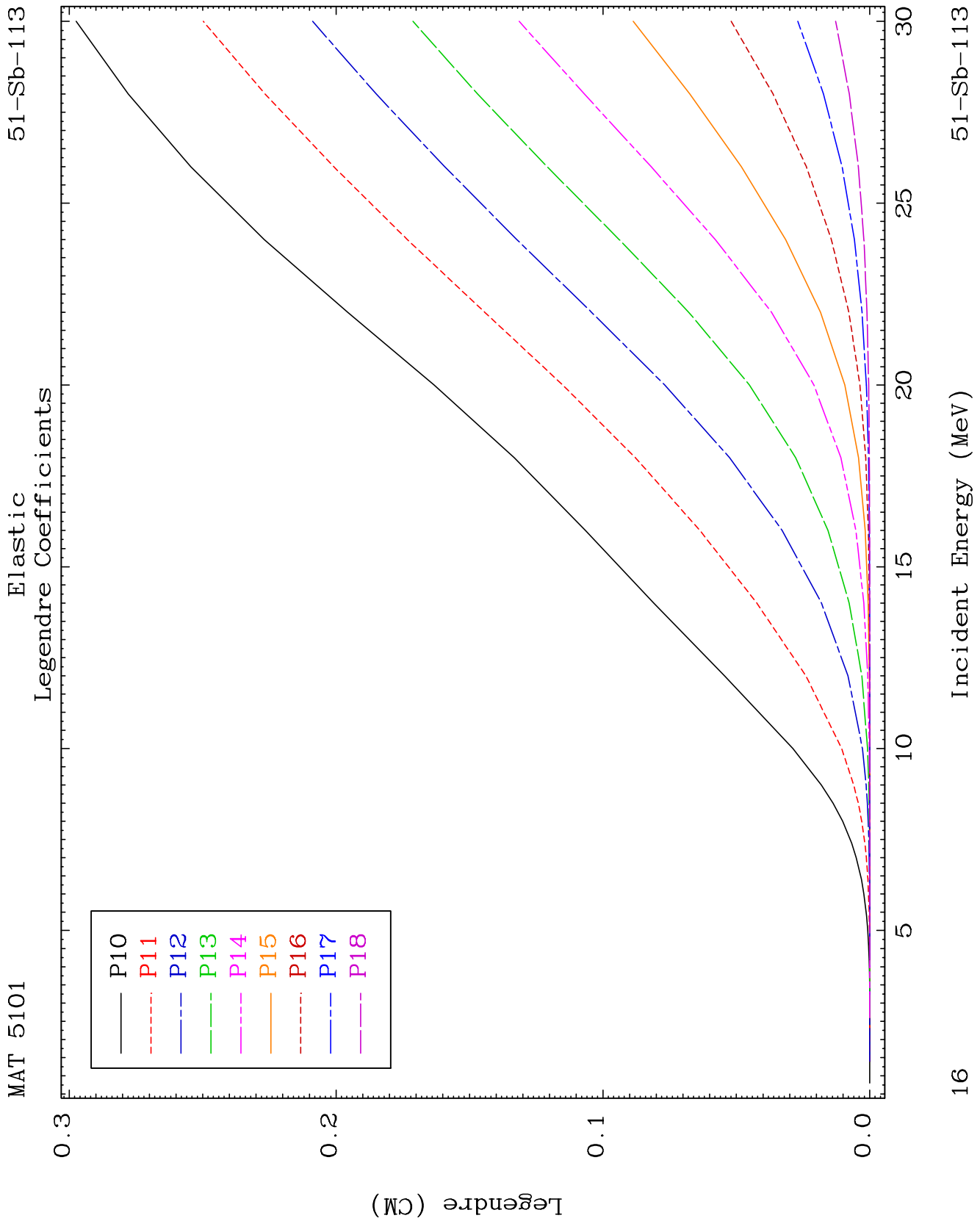
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0.8

1.0



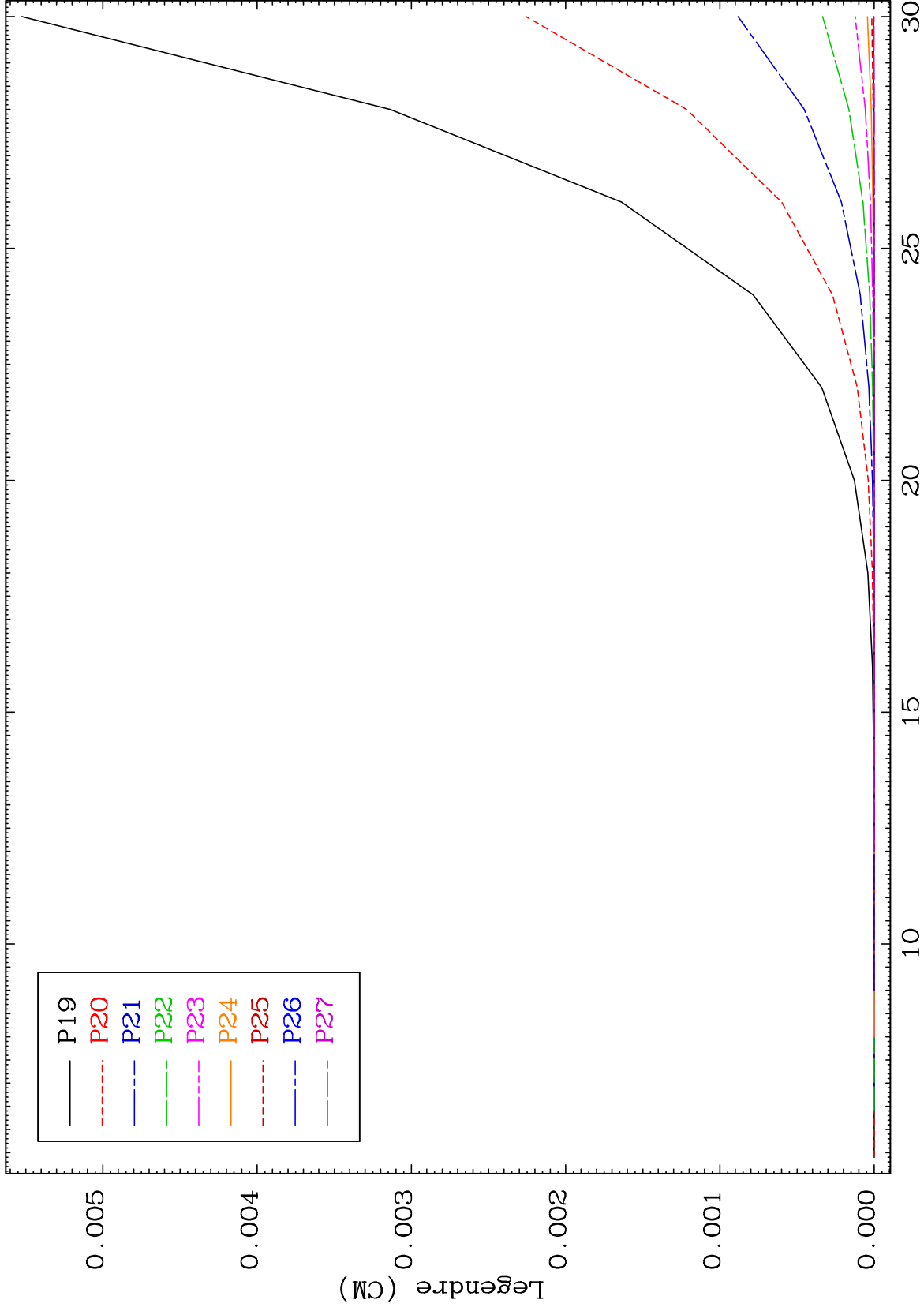




MAT 5101

Elastic  
Legendre Coefficients

51-Sb-113



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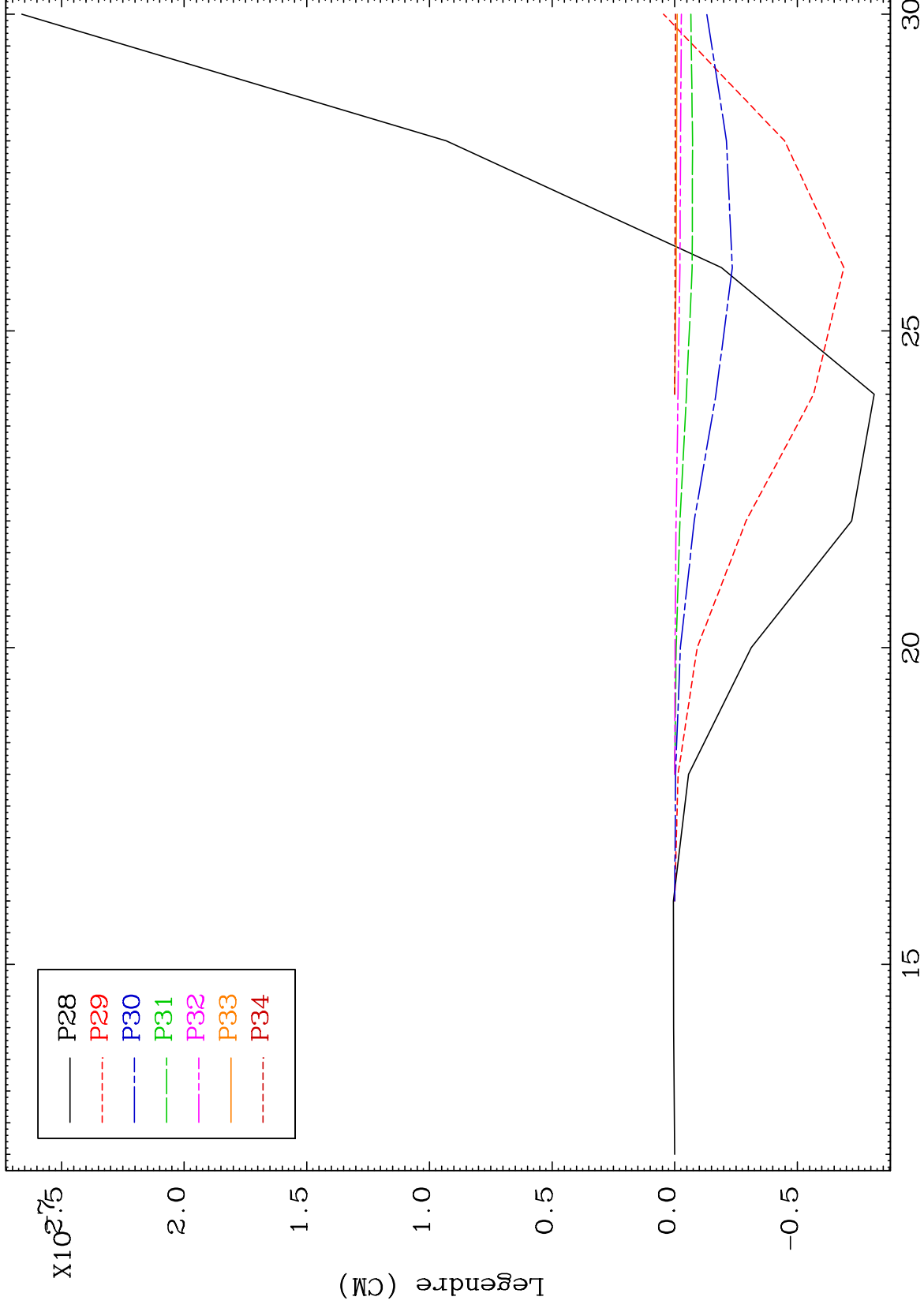
Incident Energy (MeV)

51-Sb-113

MAT 5101

Elastic  
Legendre Coefficients

51-Sb-113



18

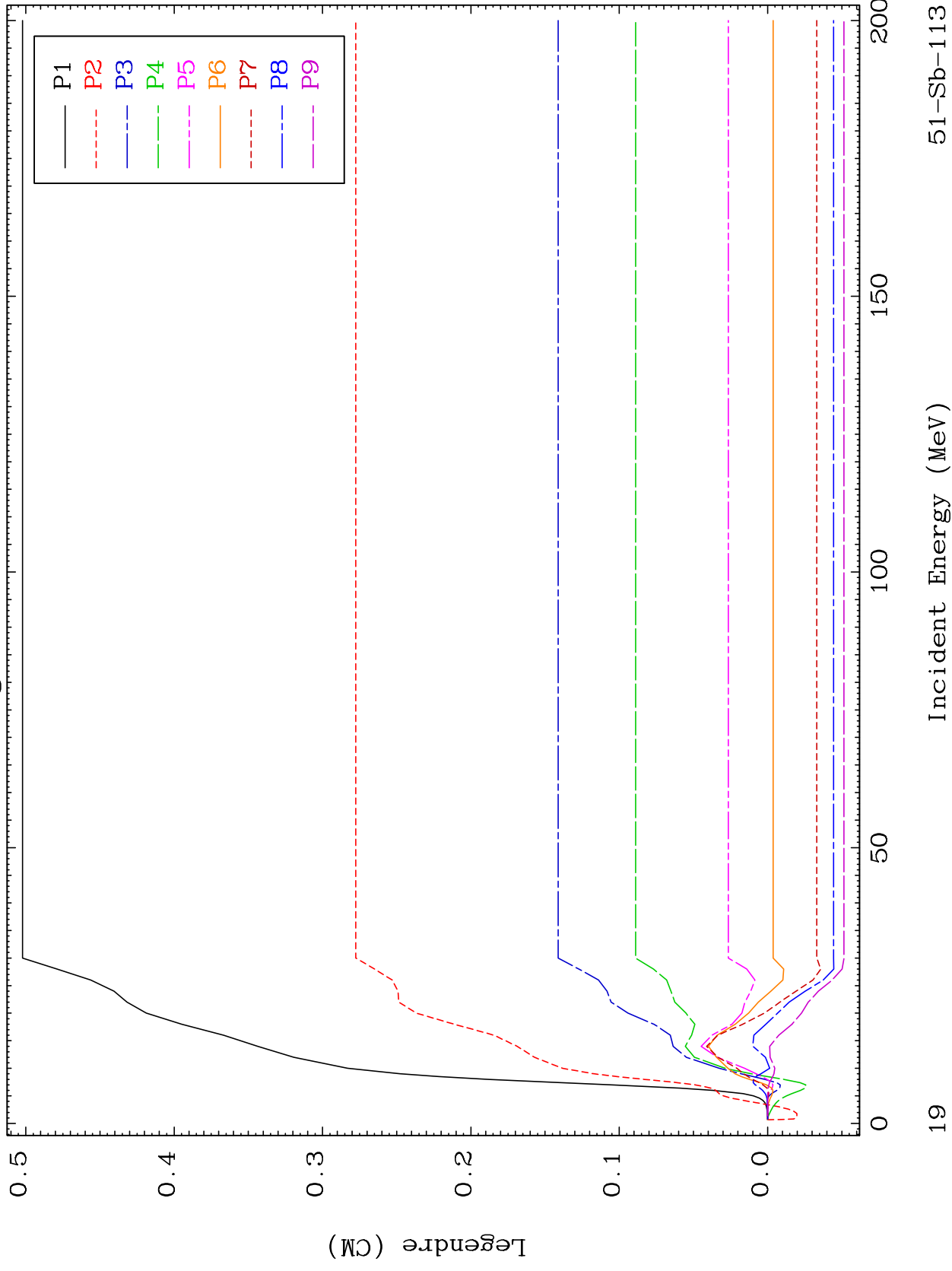
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

Incident Energy (MeV)

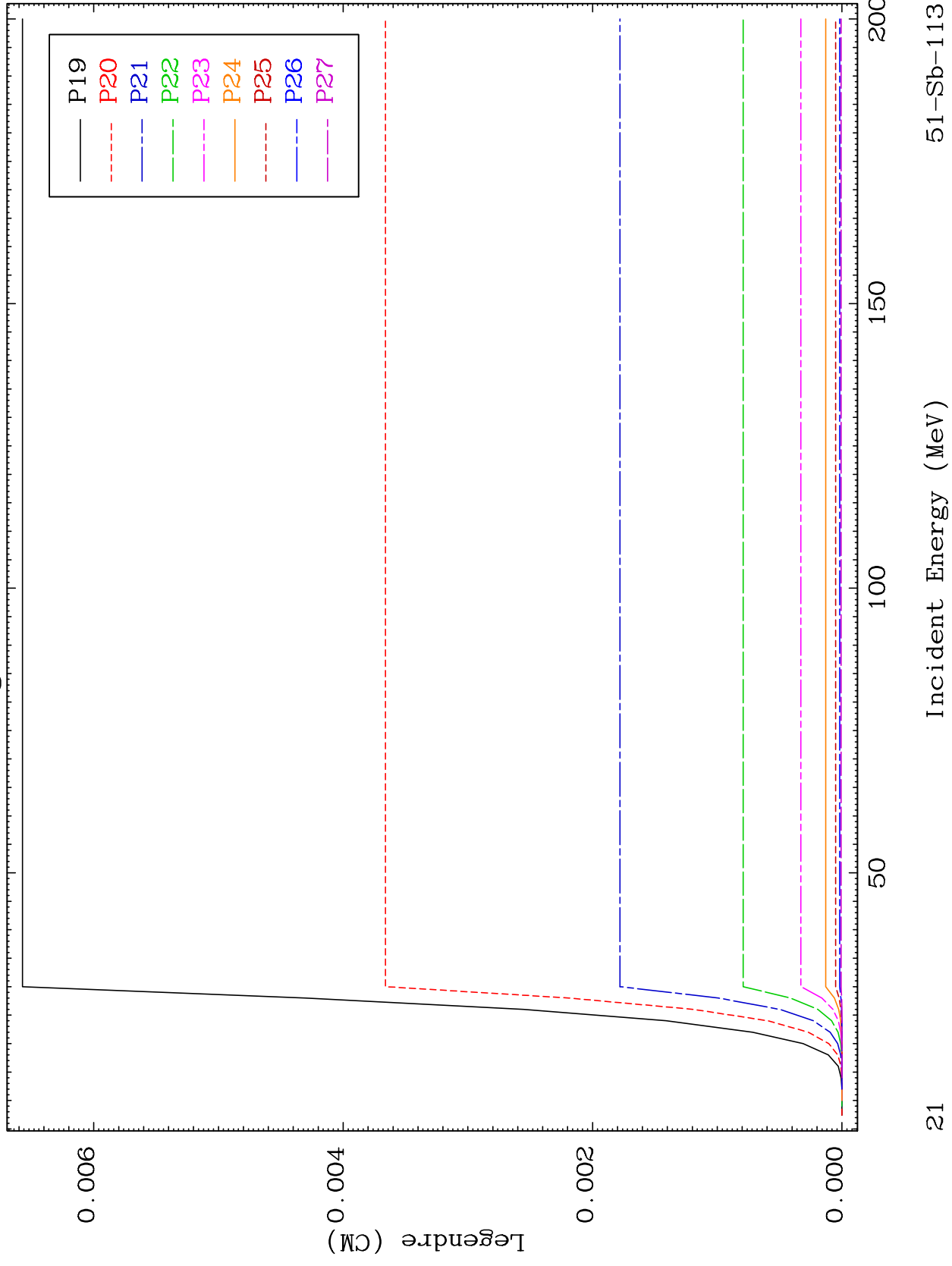
19



MAT 5101

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

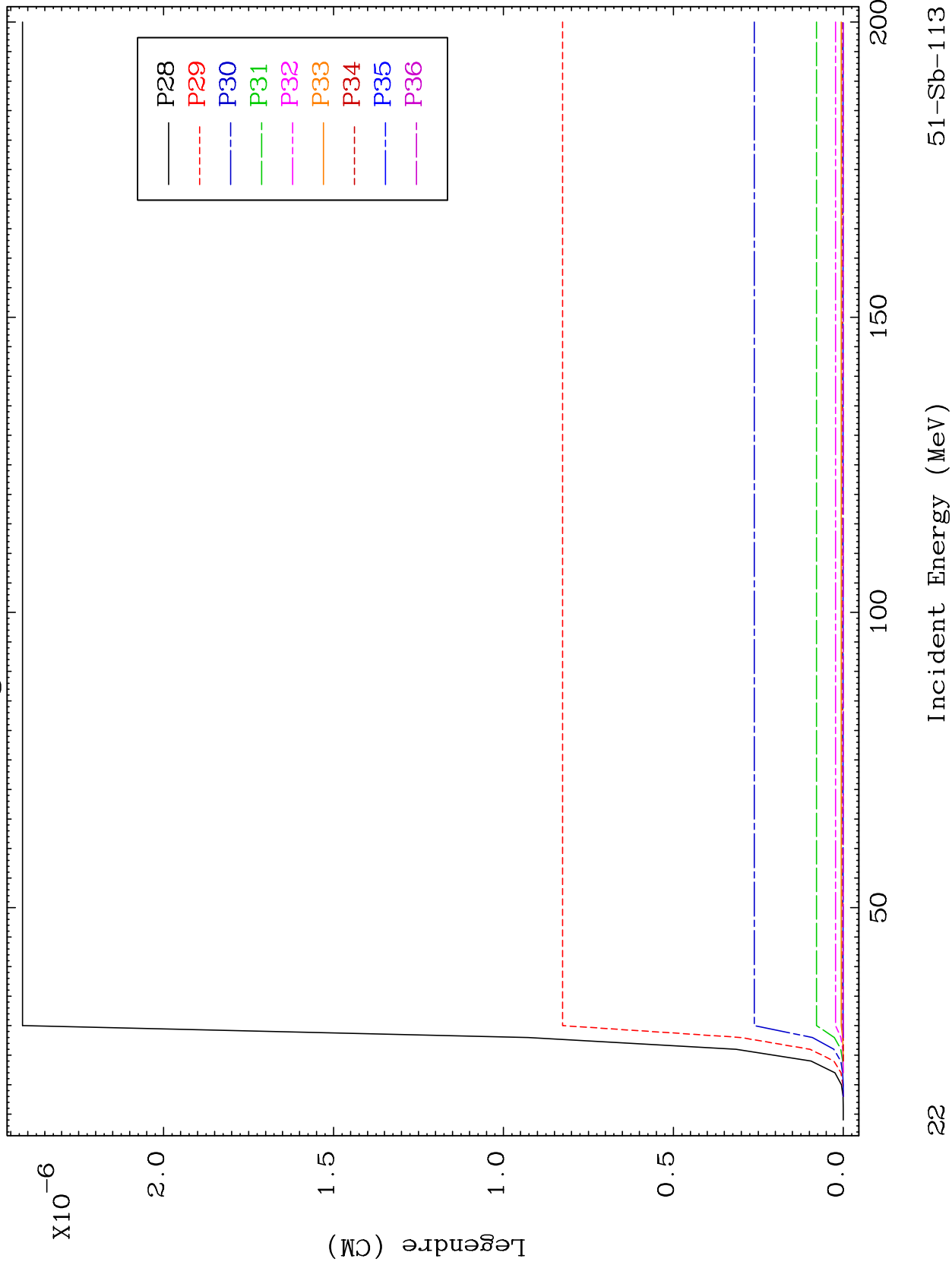
51-Sb-113



MAT 5101

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

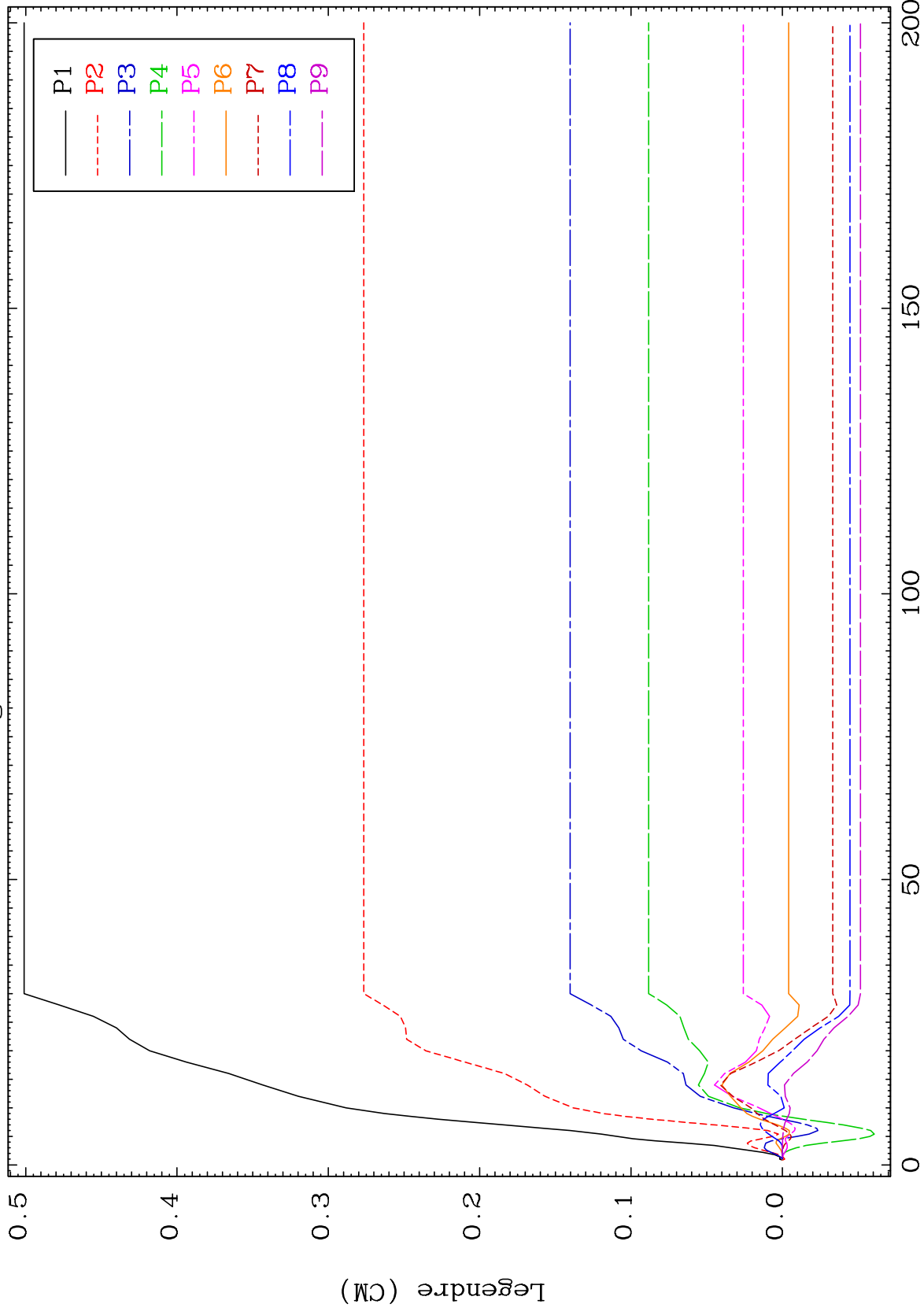
51-Sb-113



MAT 5101

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

51-Sb-113



23

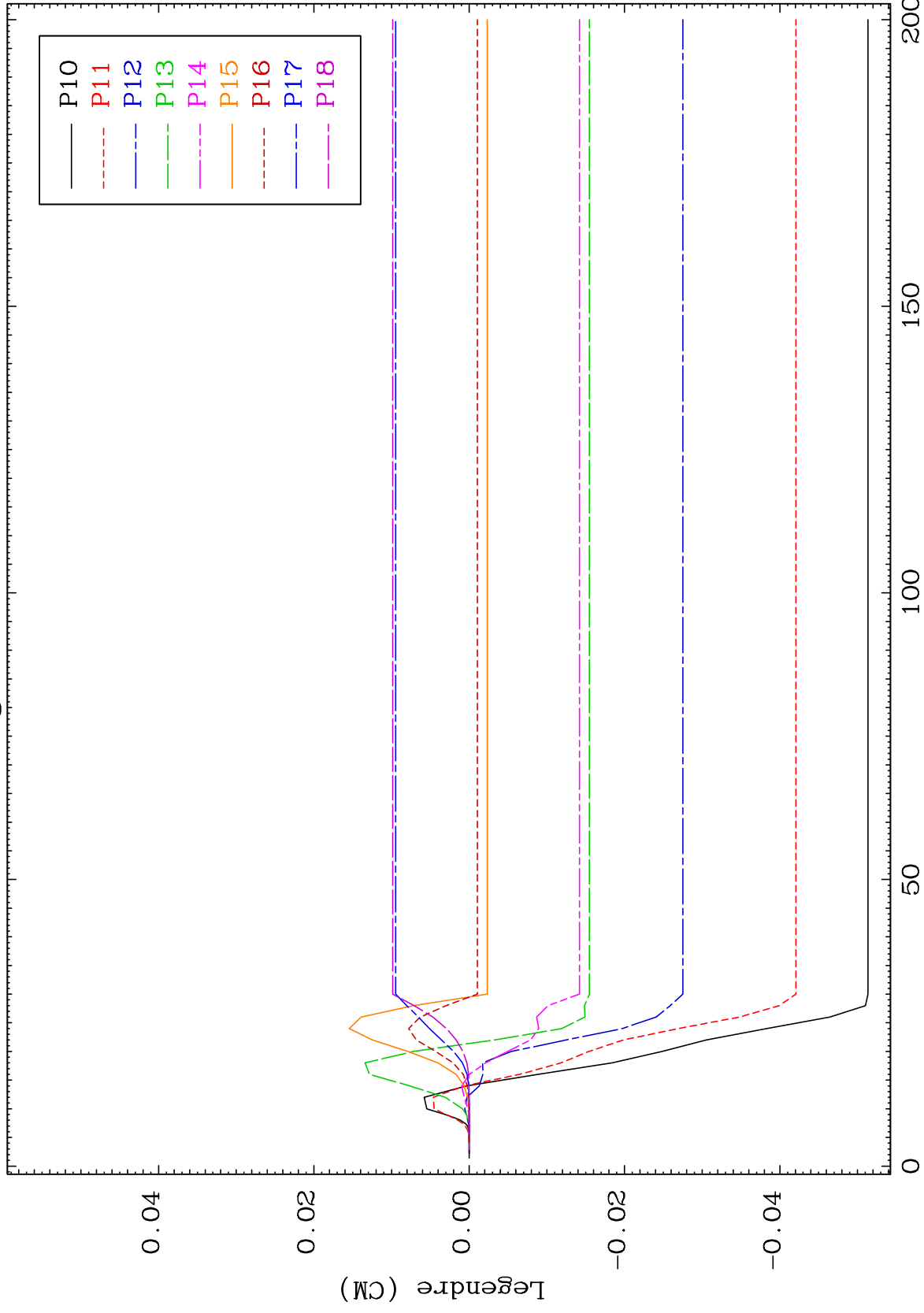
51-Sb-113



MAT 5101

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

51-Sb-113



24

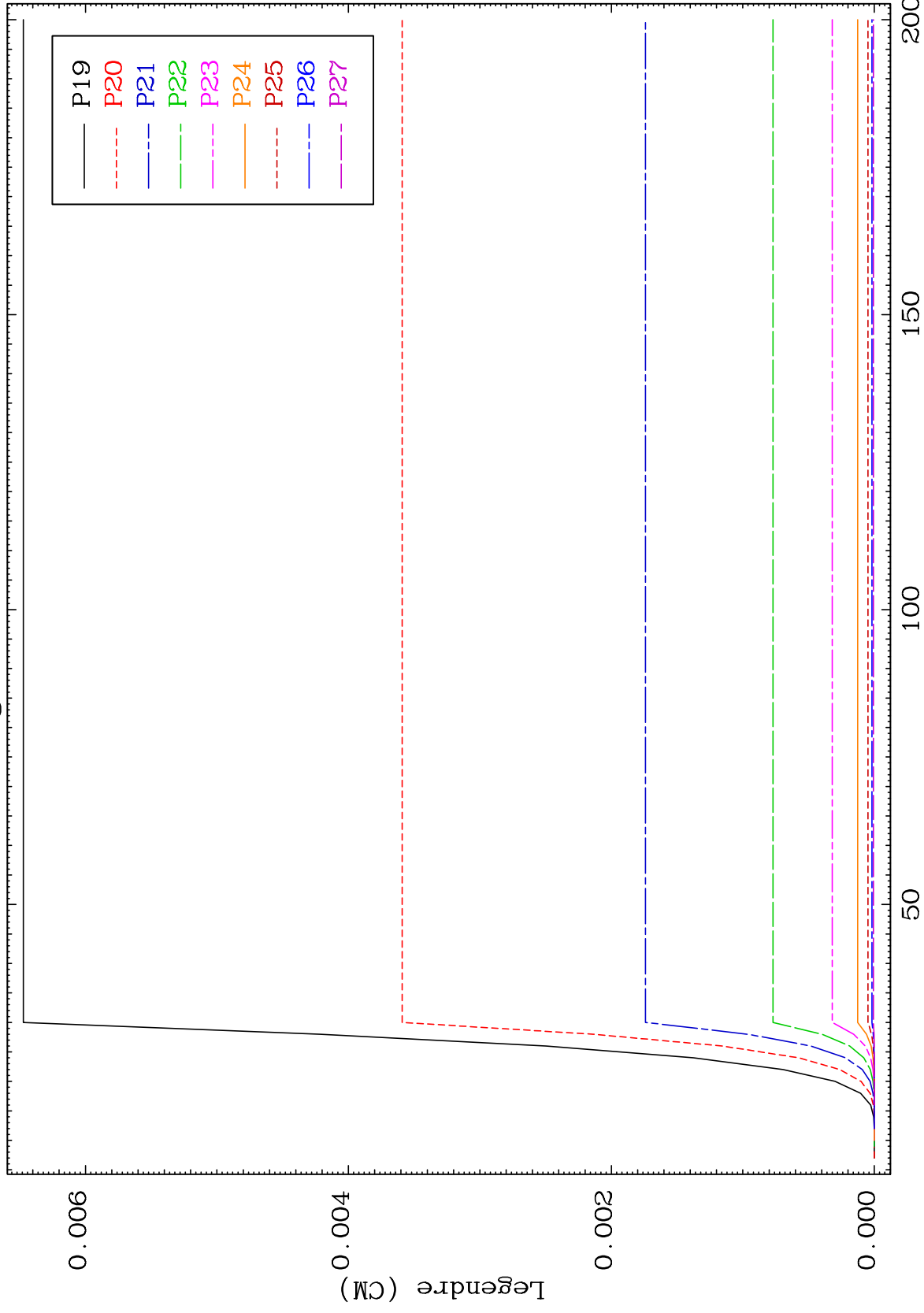
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

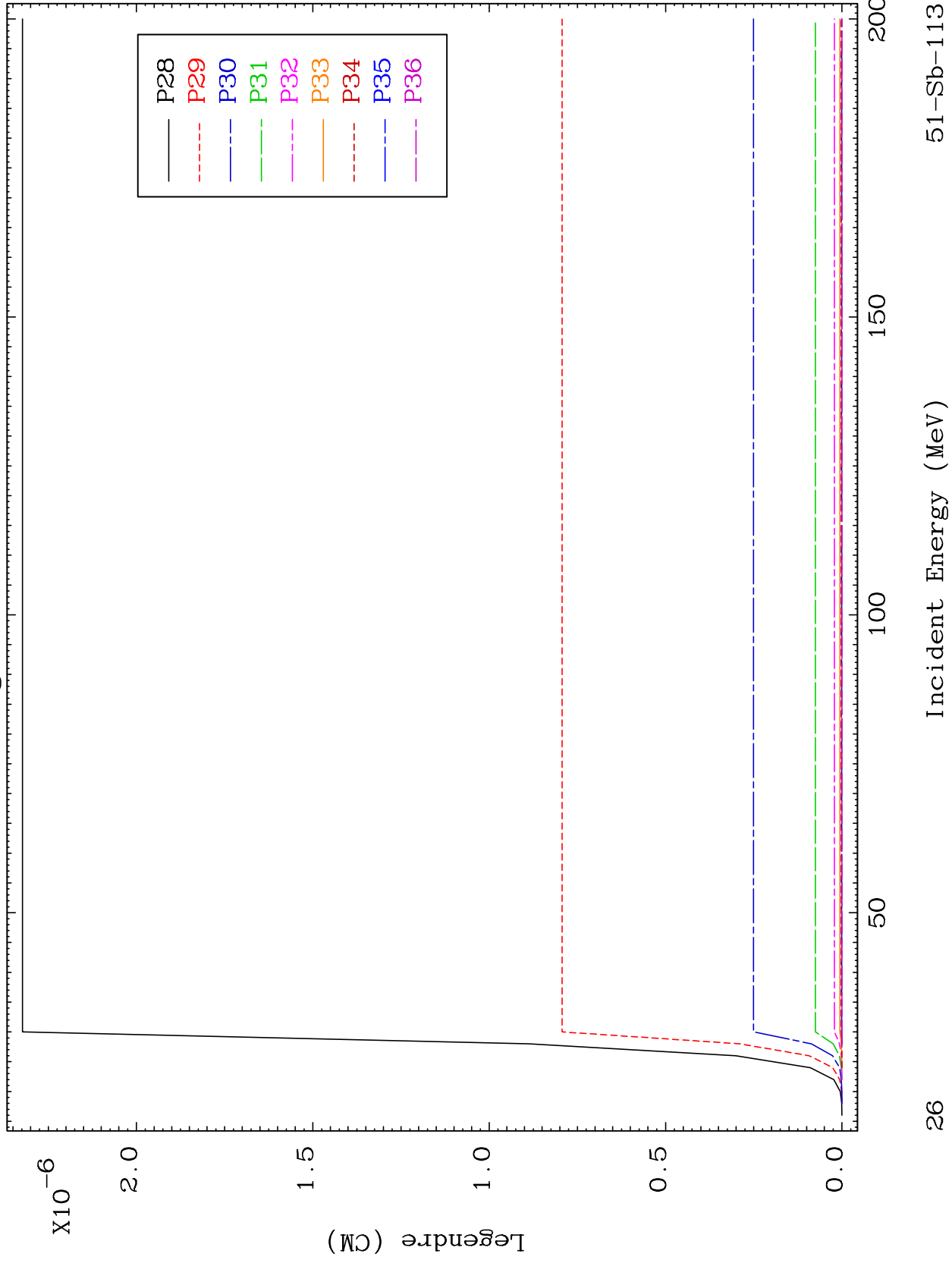
51-Sb-113



25

Incident Energy (MeV)

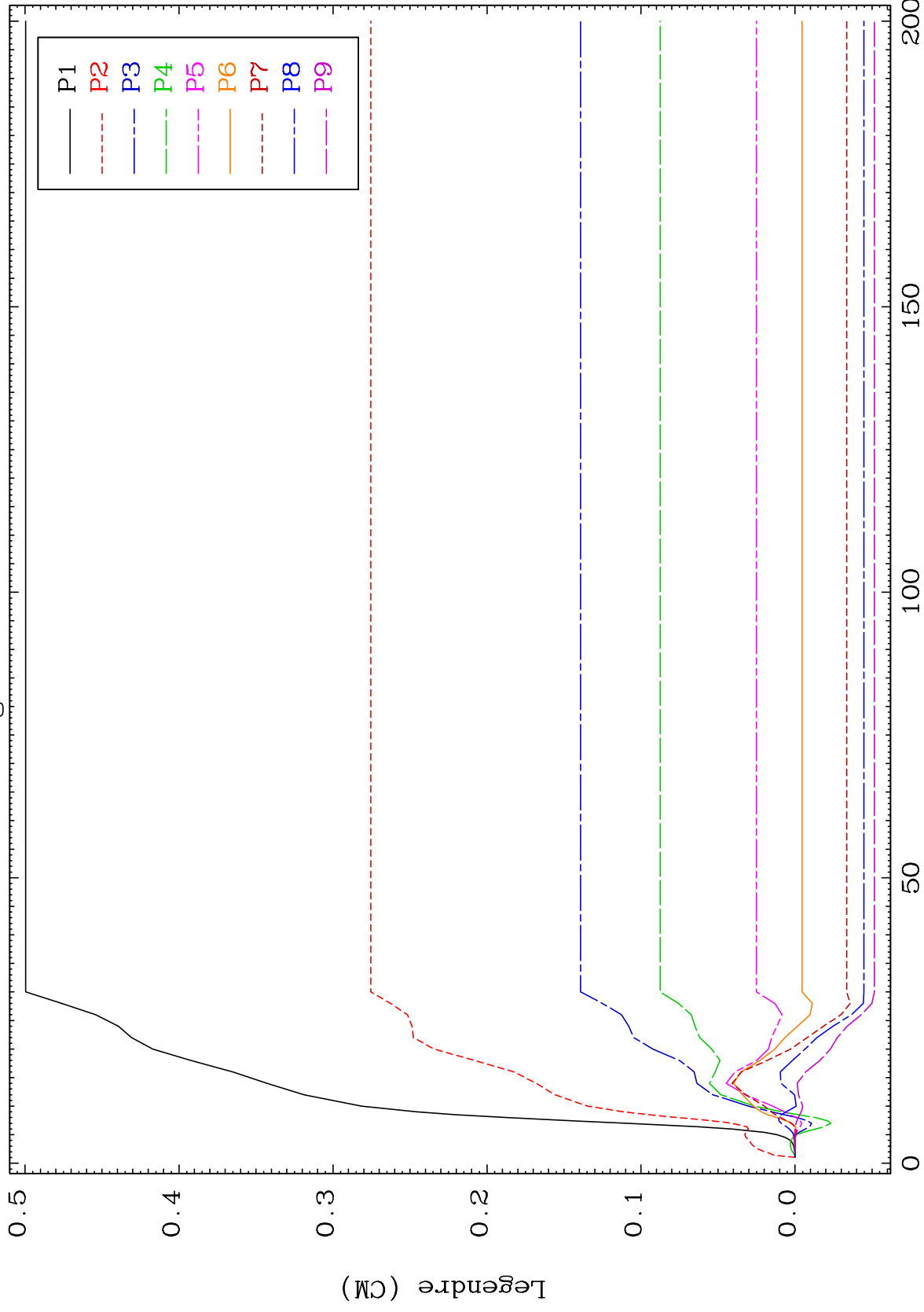
51-Sb-113



MAT 5101

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

51-Sb-113



27

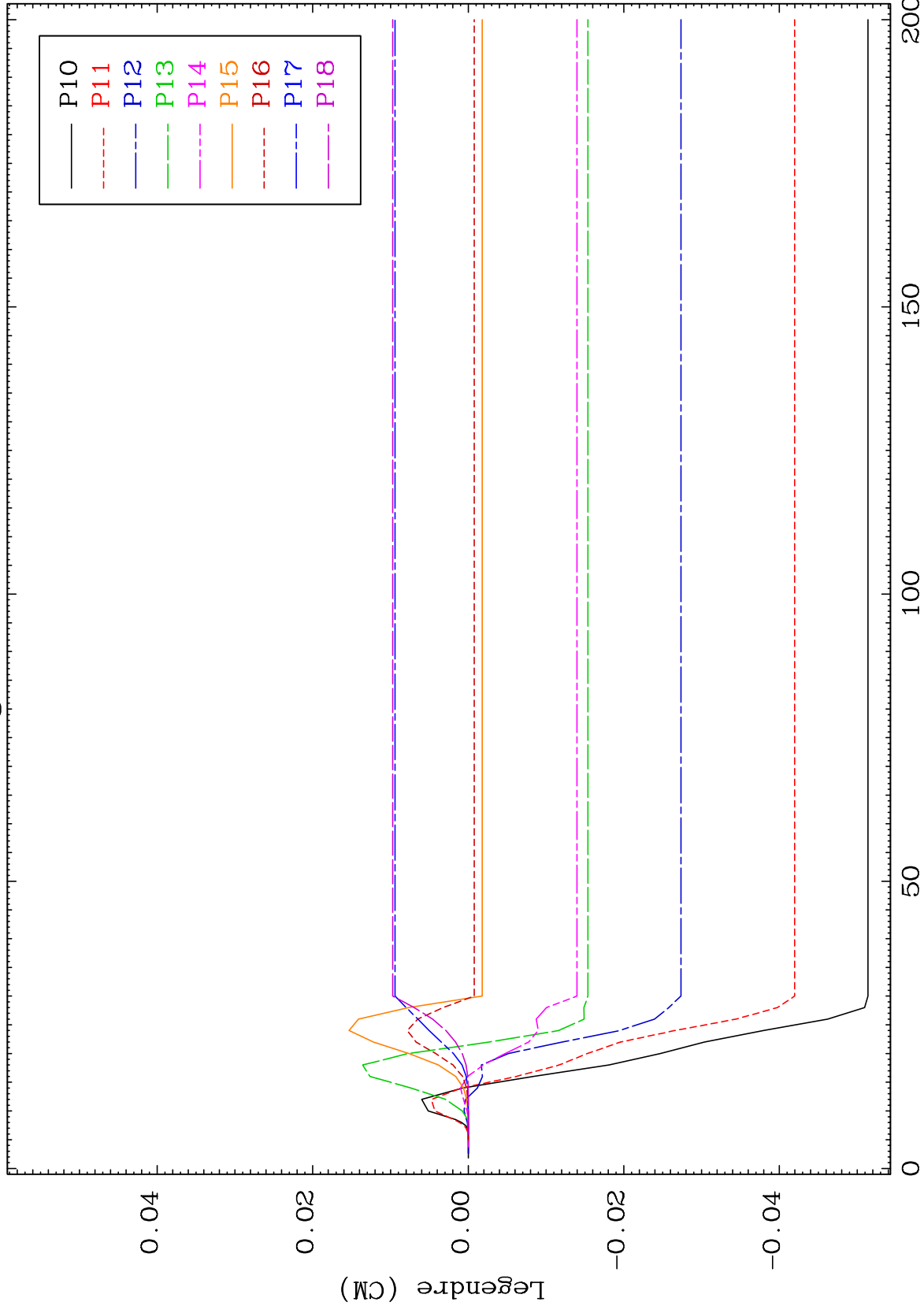
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



28

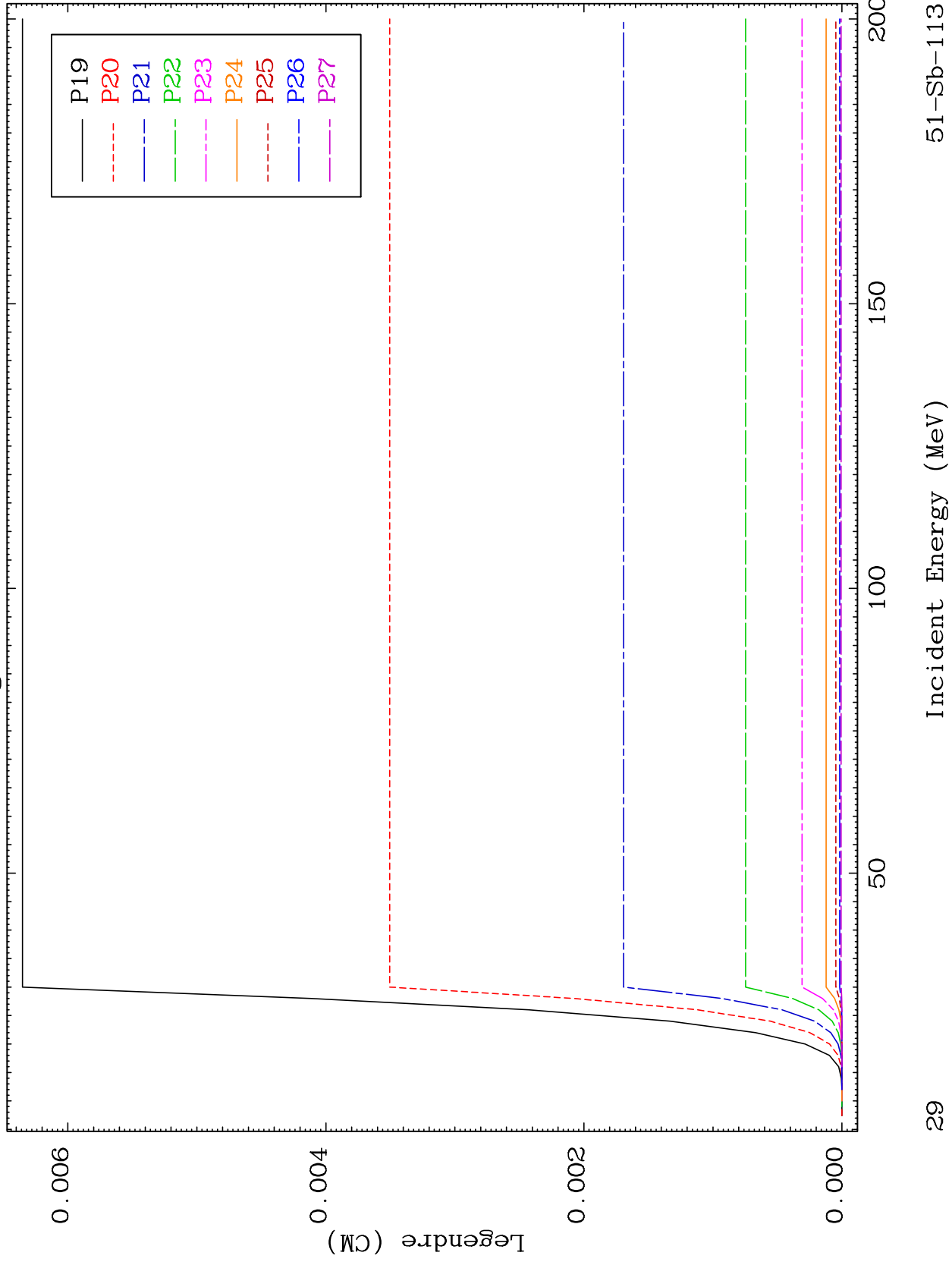
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



29

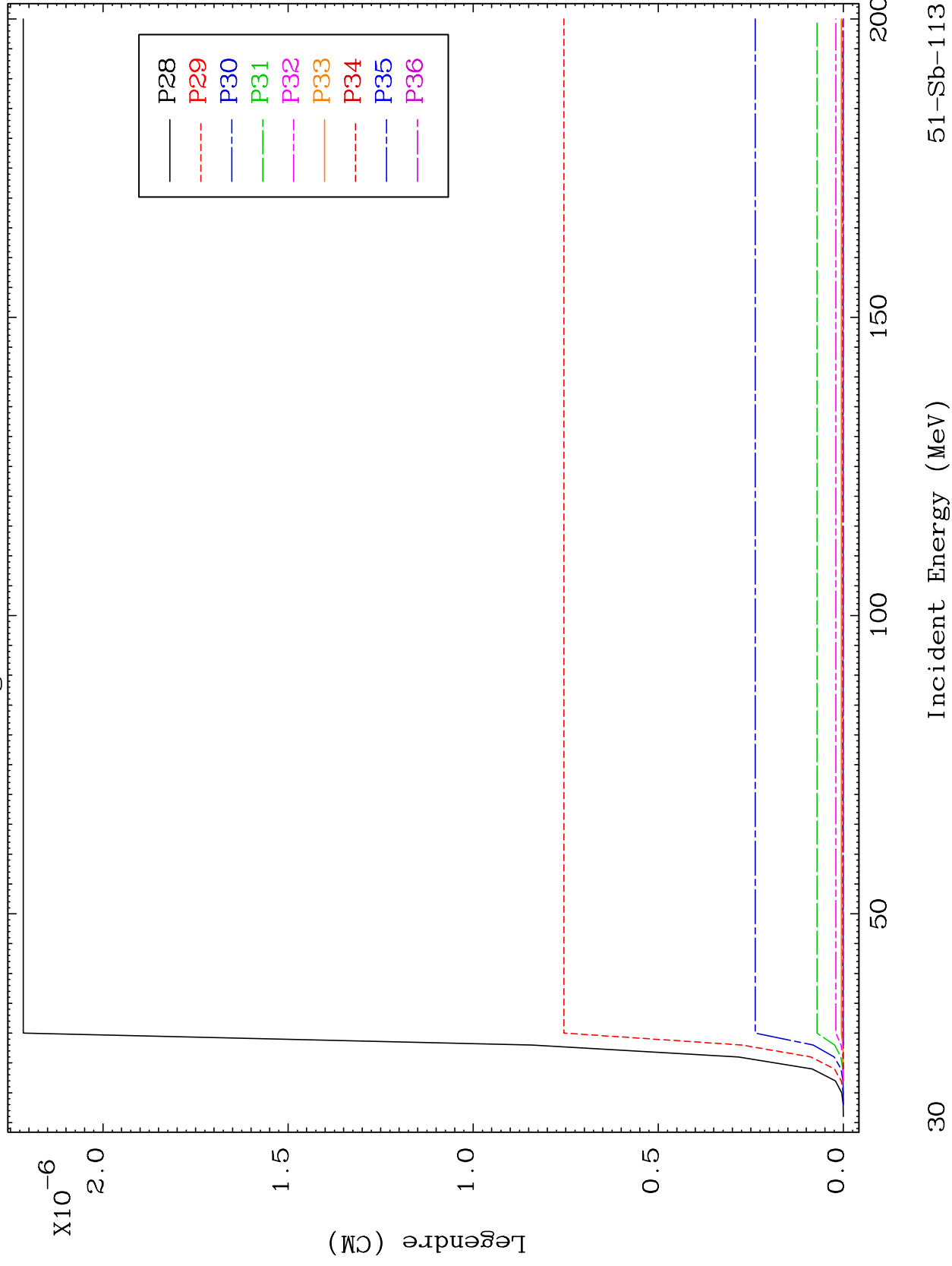
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

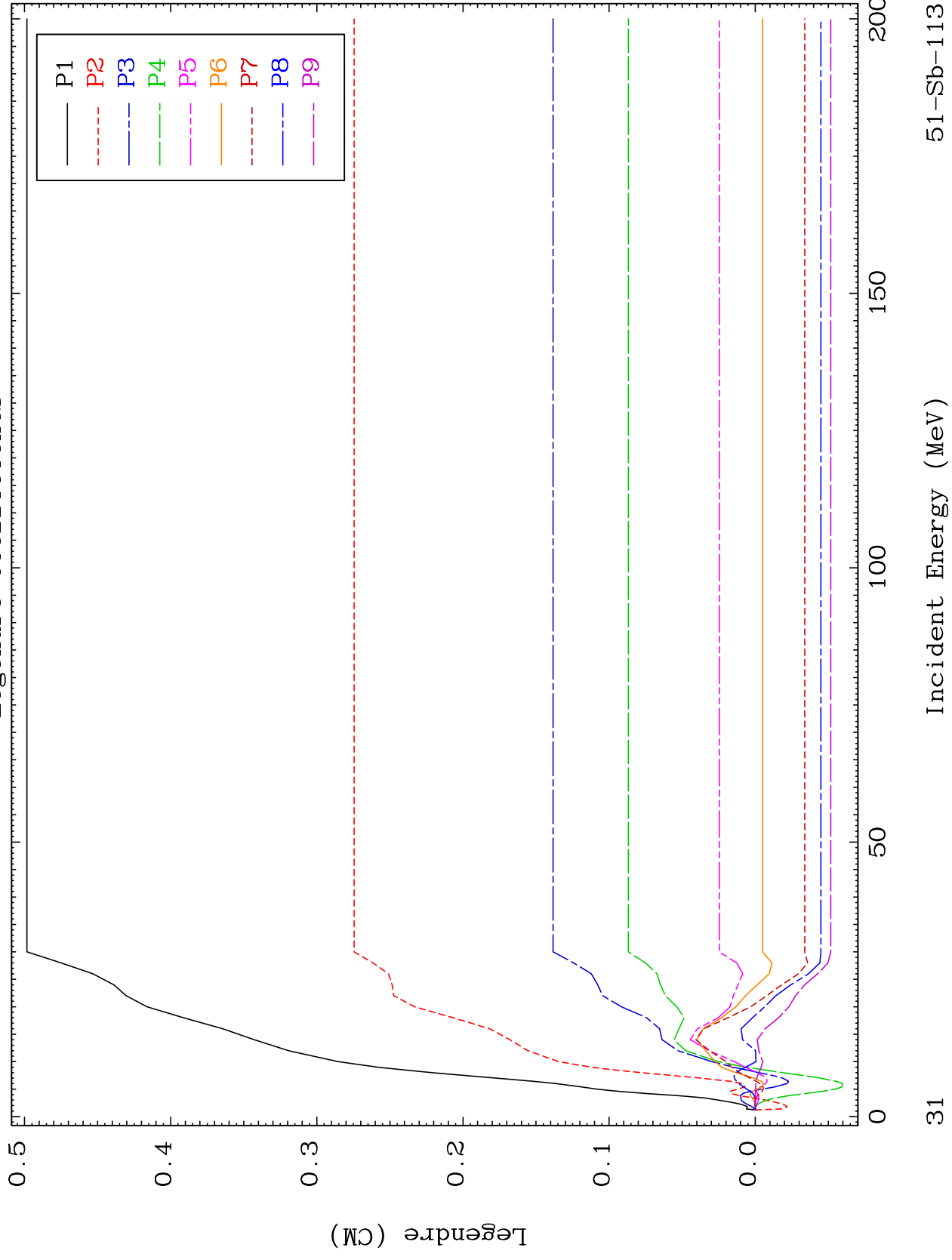
51-Sb-113



MAT 5101

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

51-Sb-113



51-Sb-113

Incident Energy (MeV)

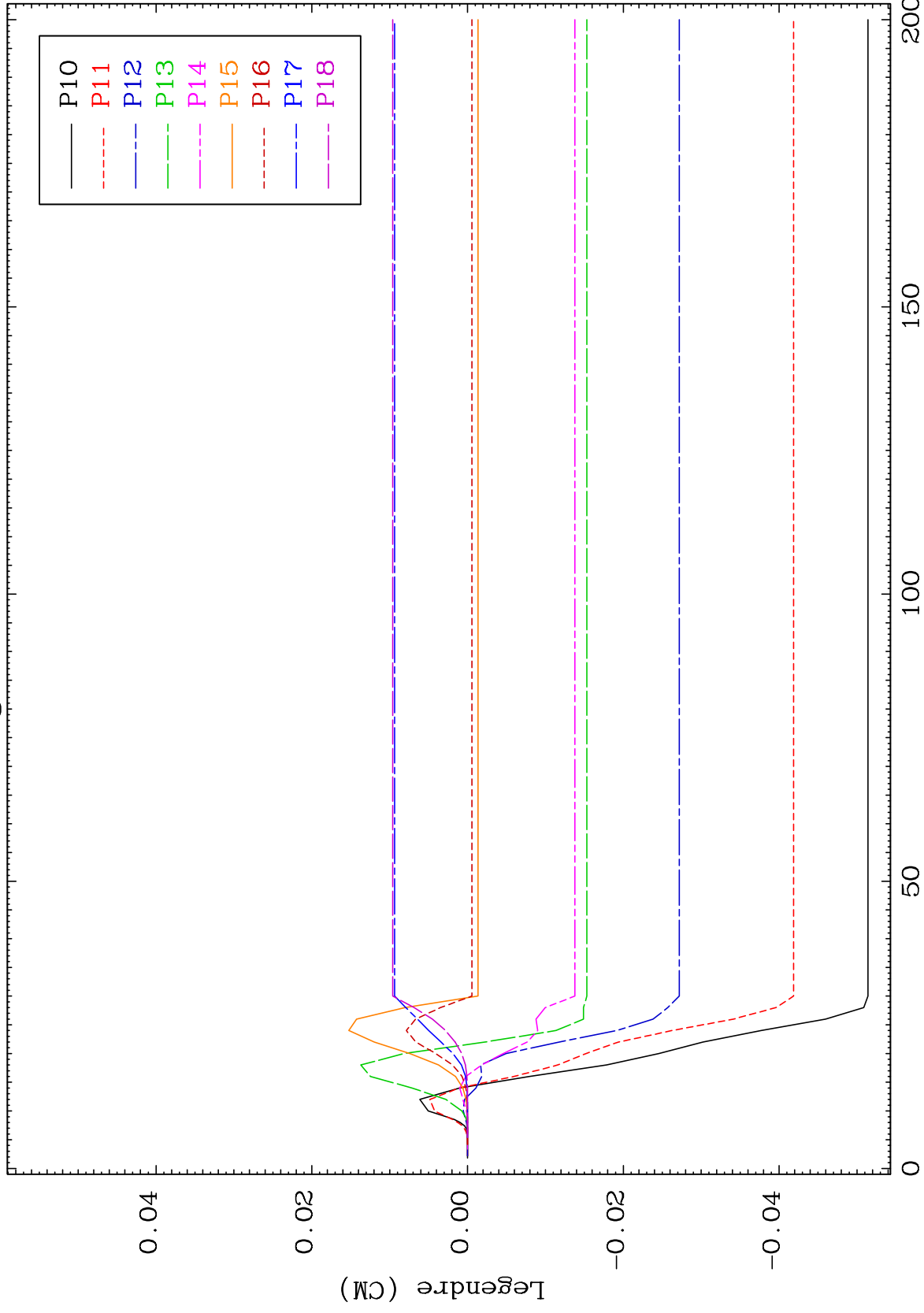
31



MAT 5101

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

51-Sb-113



32

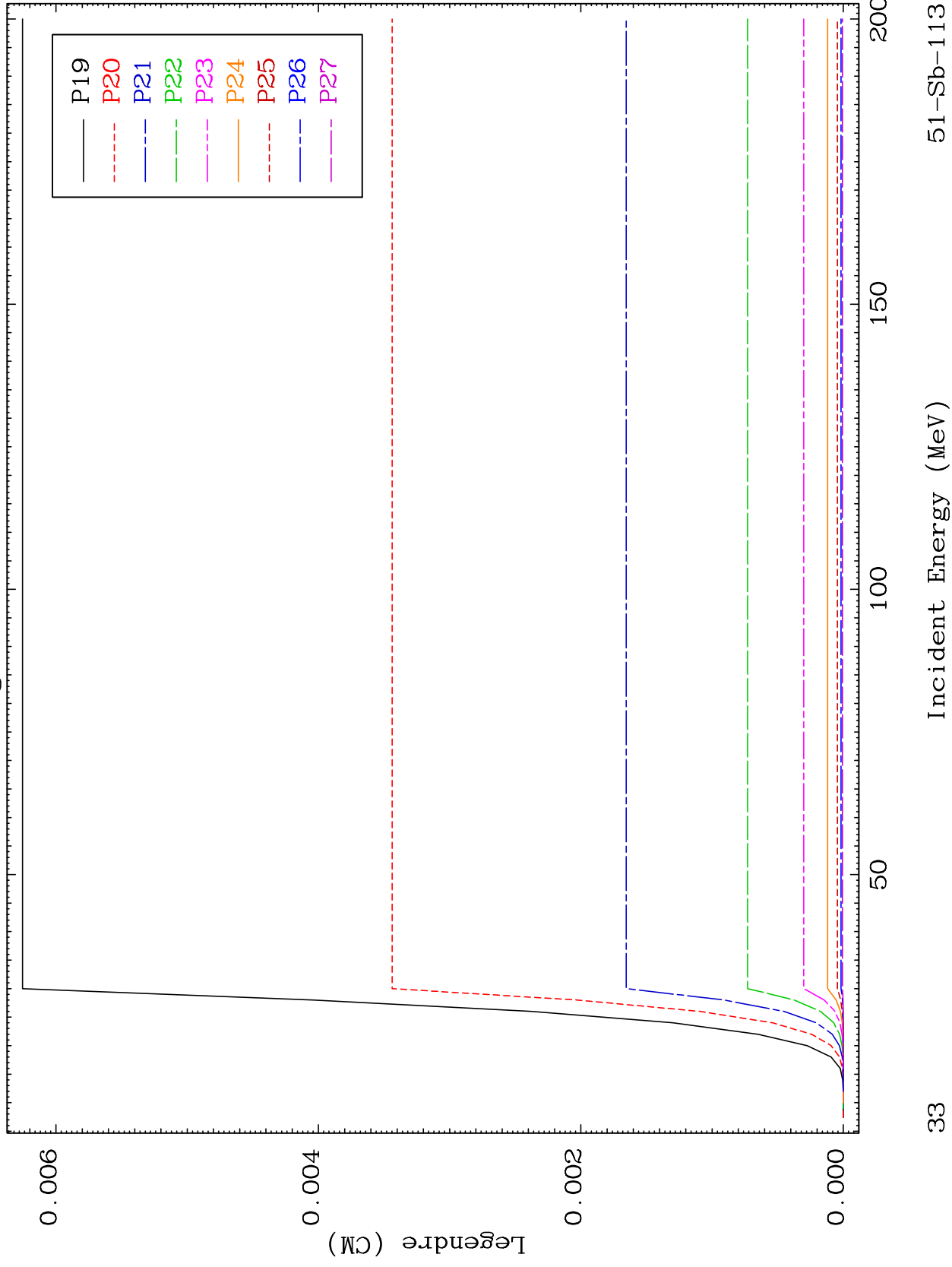
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113

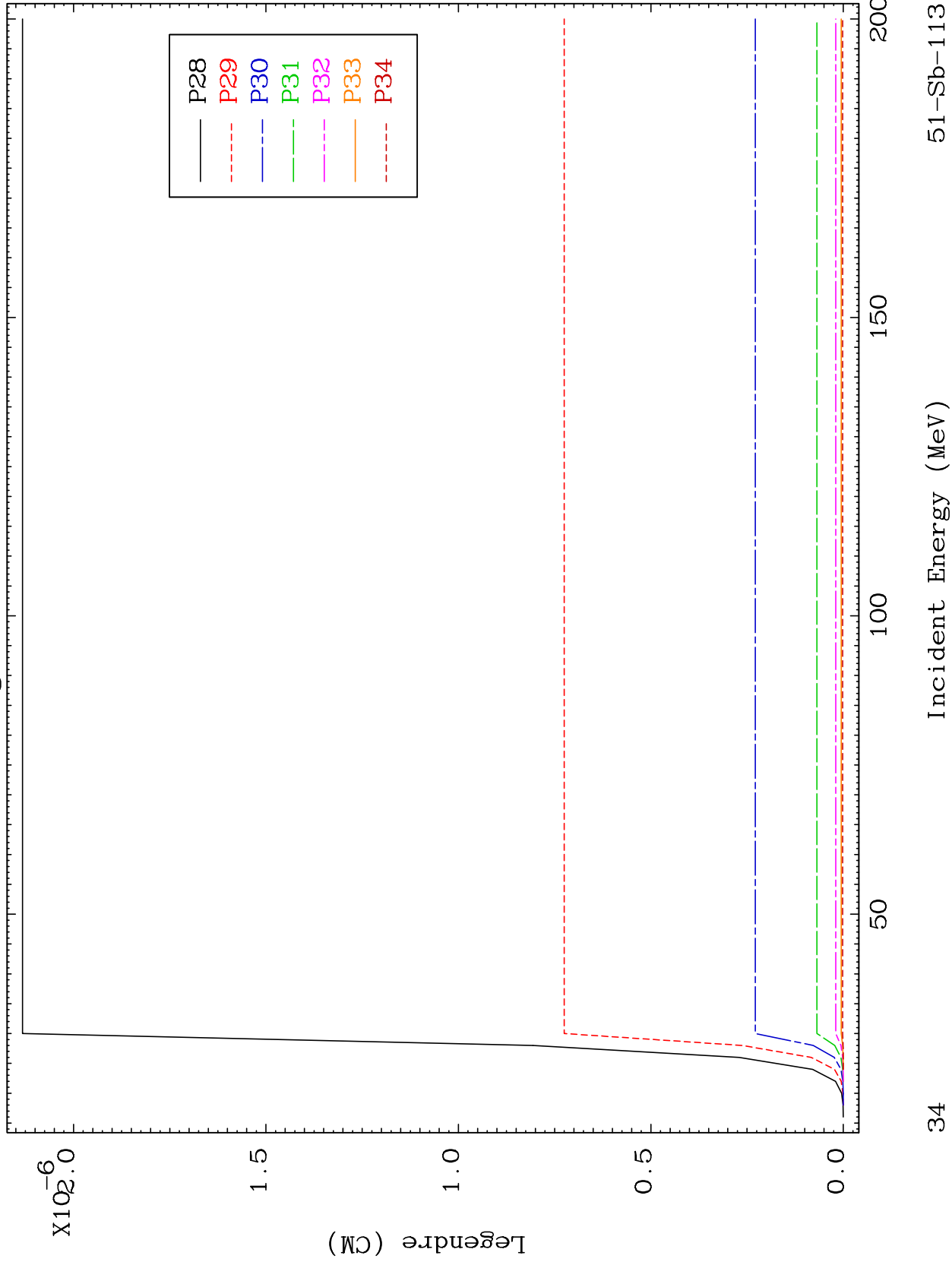


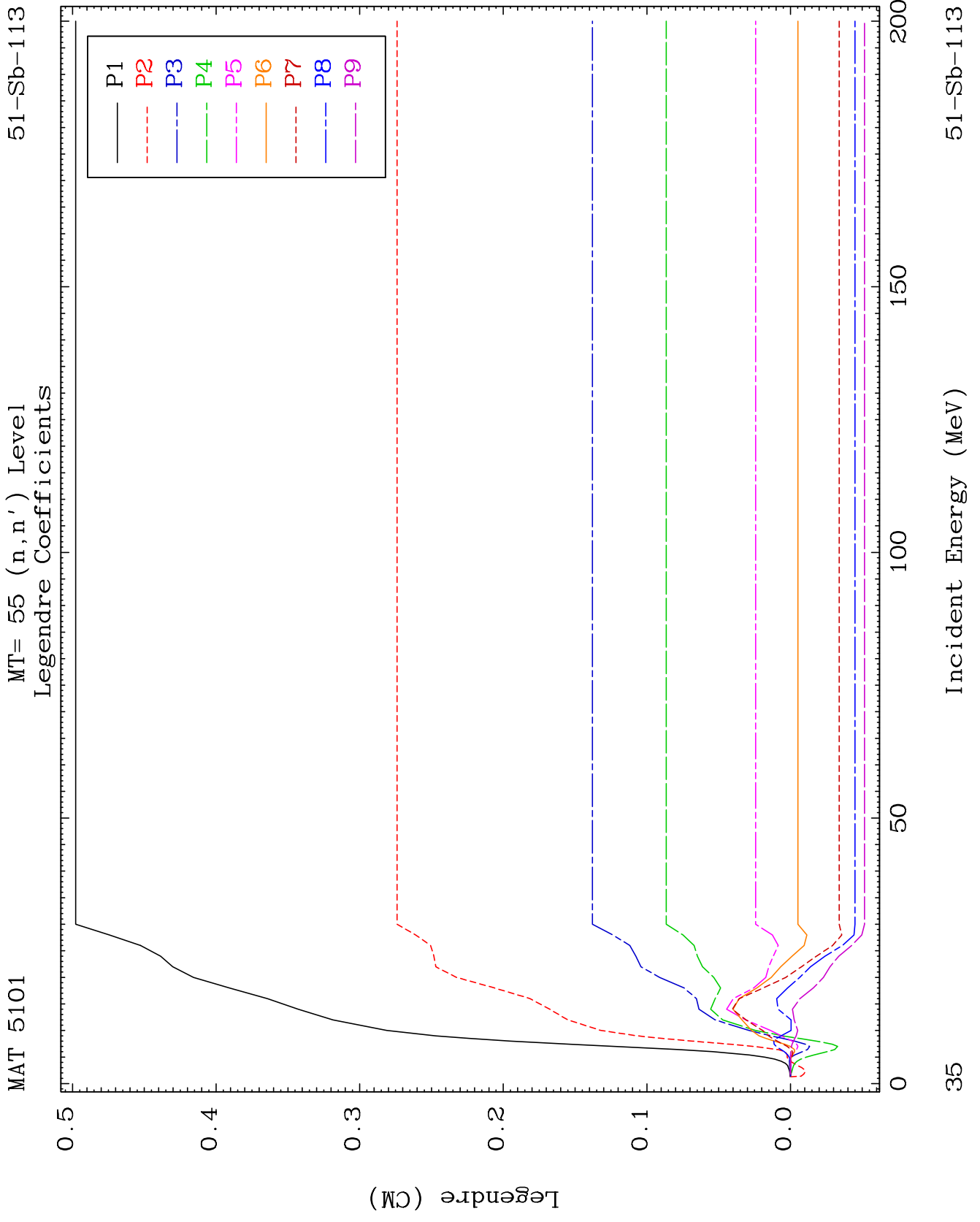
33

MAT 5101

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

51-Sb-113

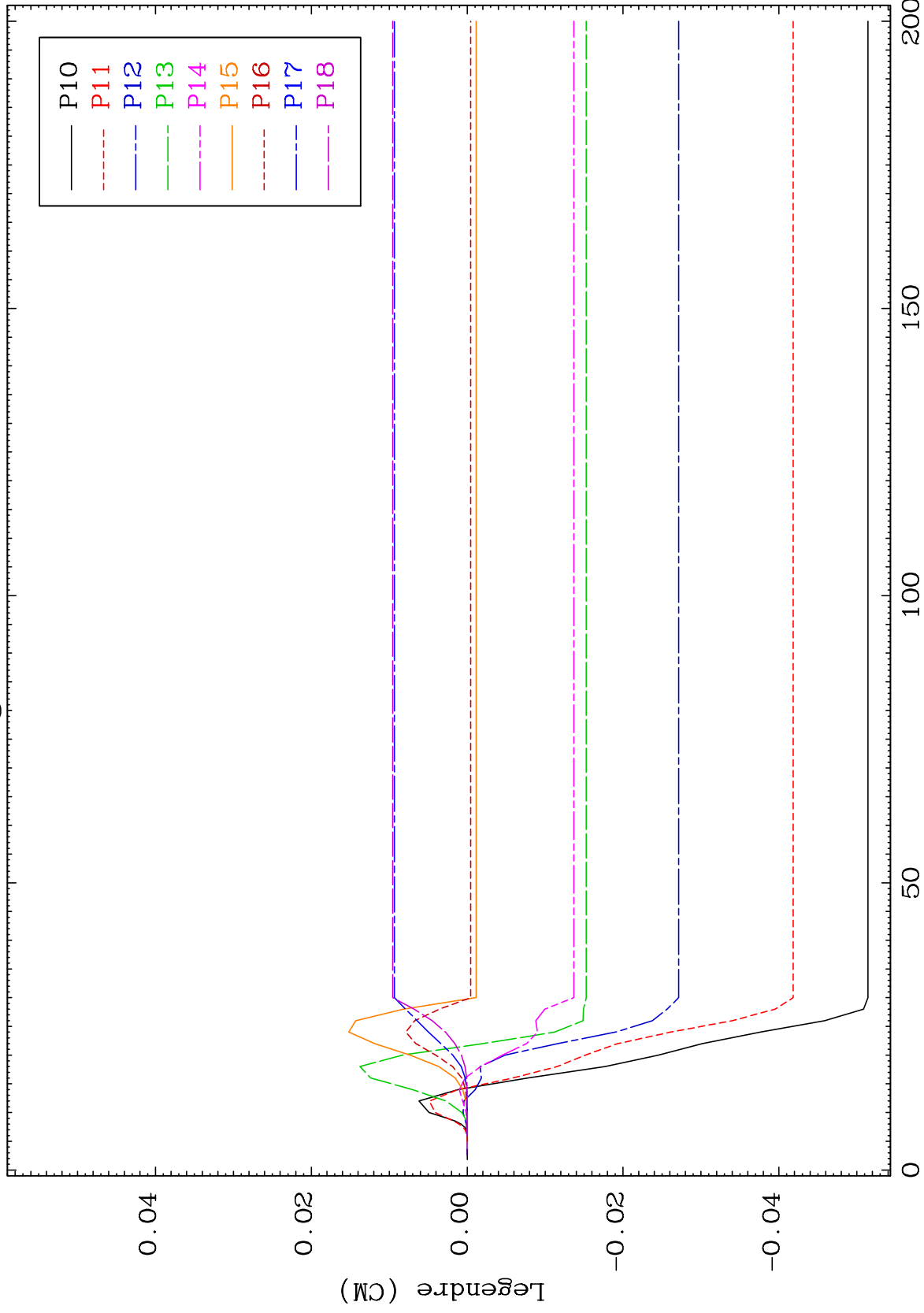




MAT 5101

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

51-Sb-113



36

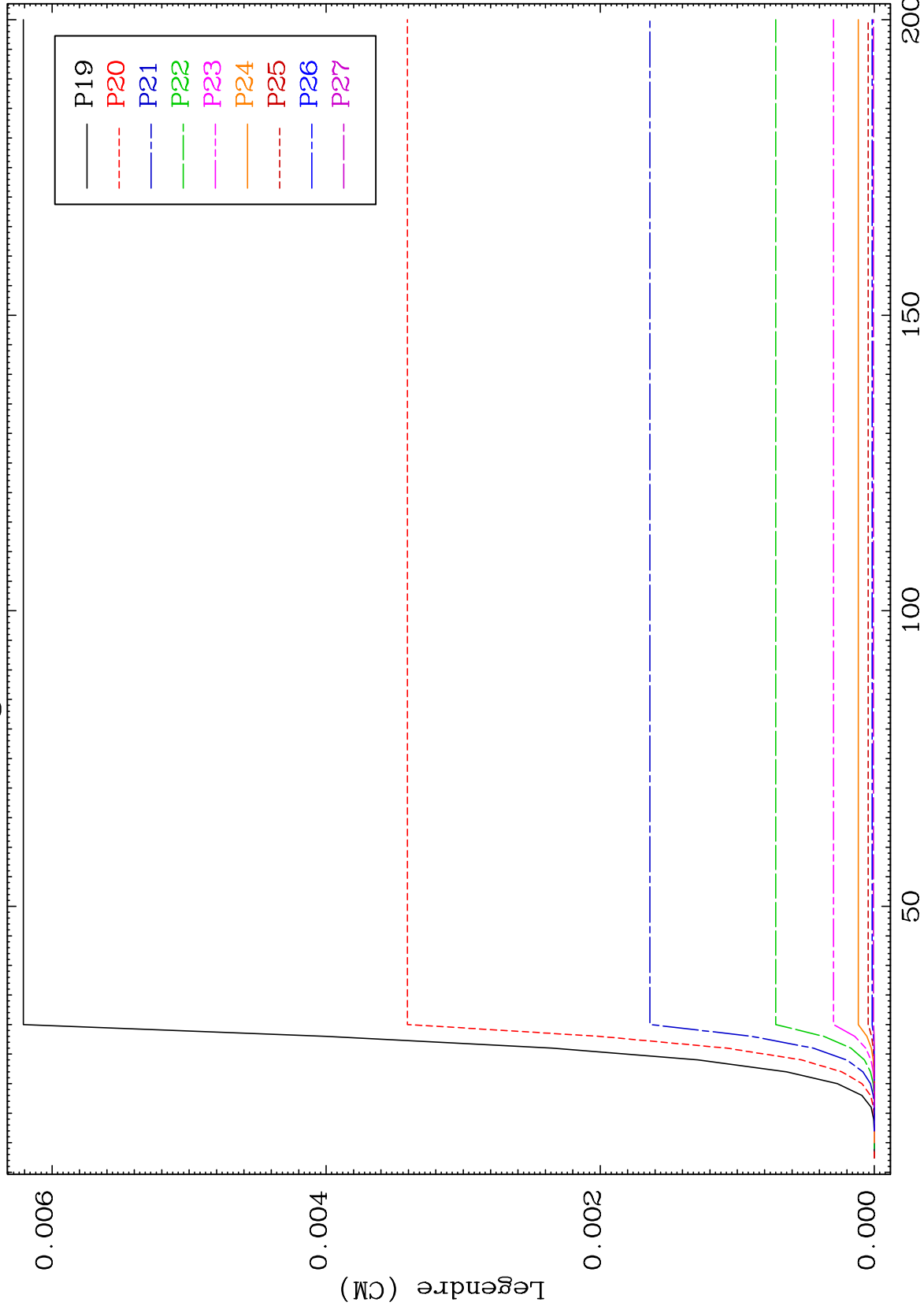
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



37

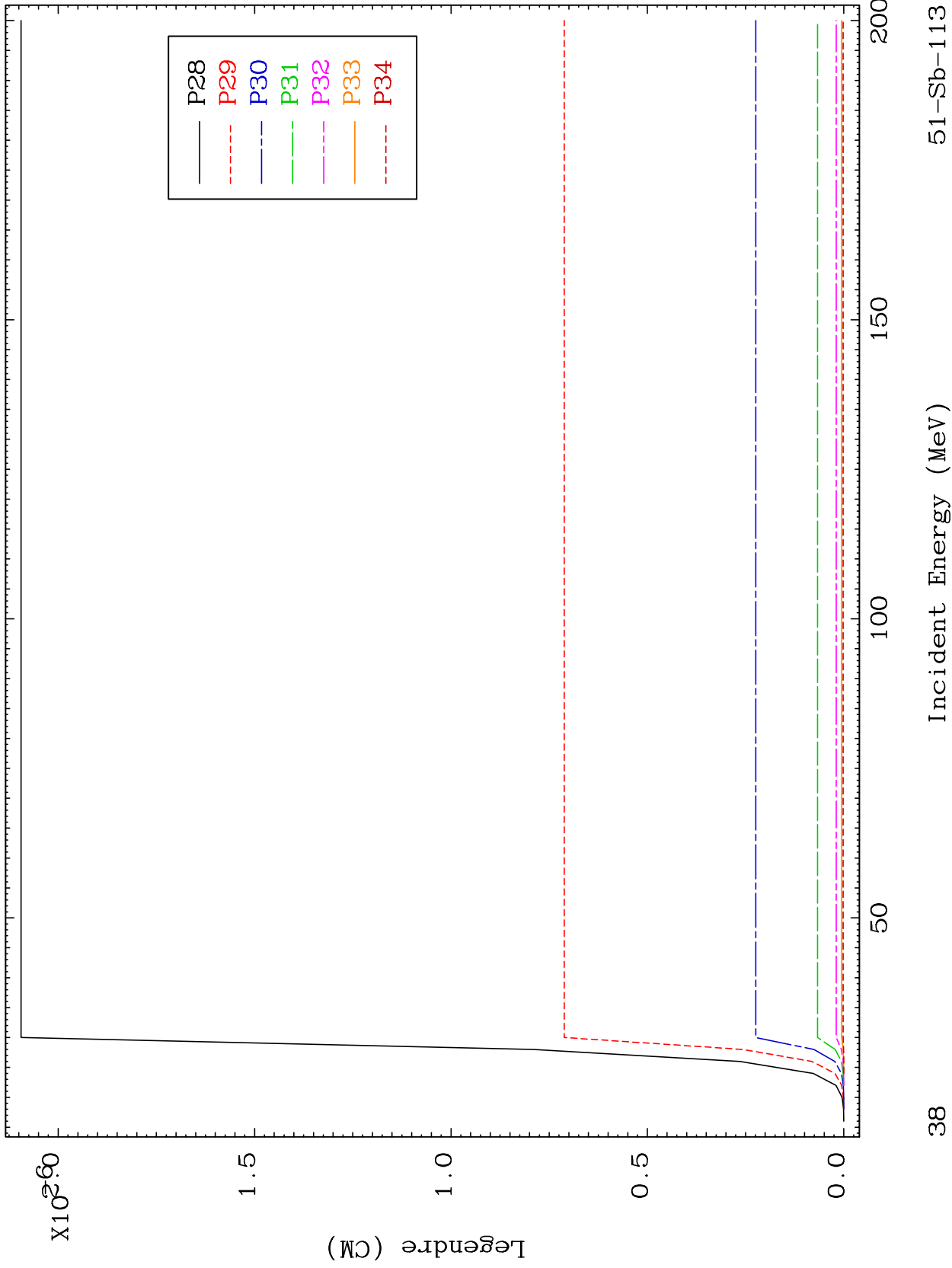
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

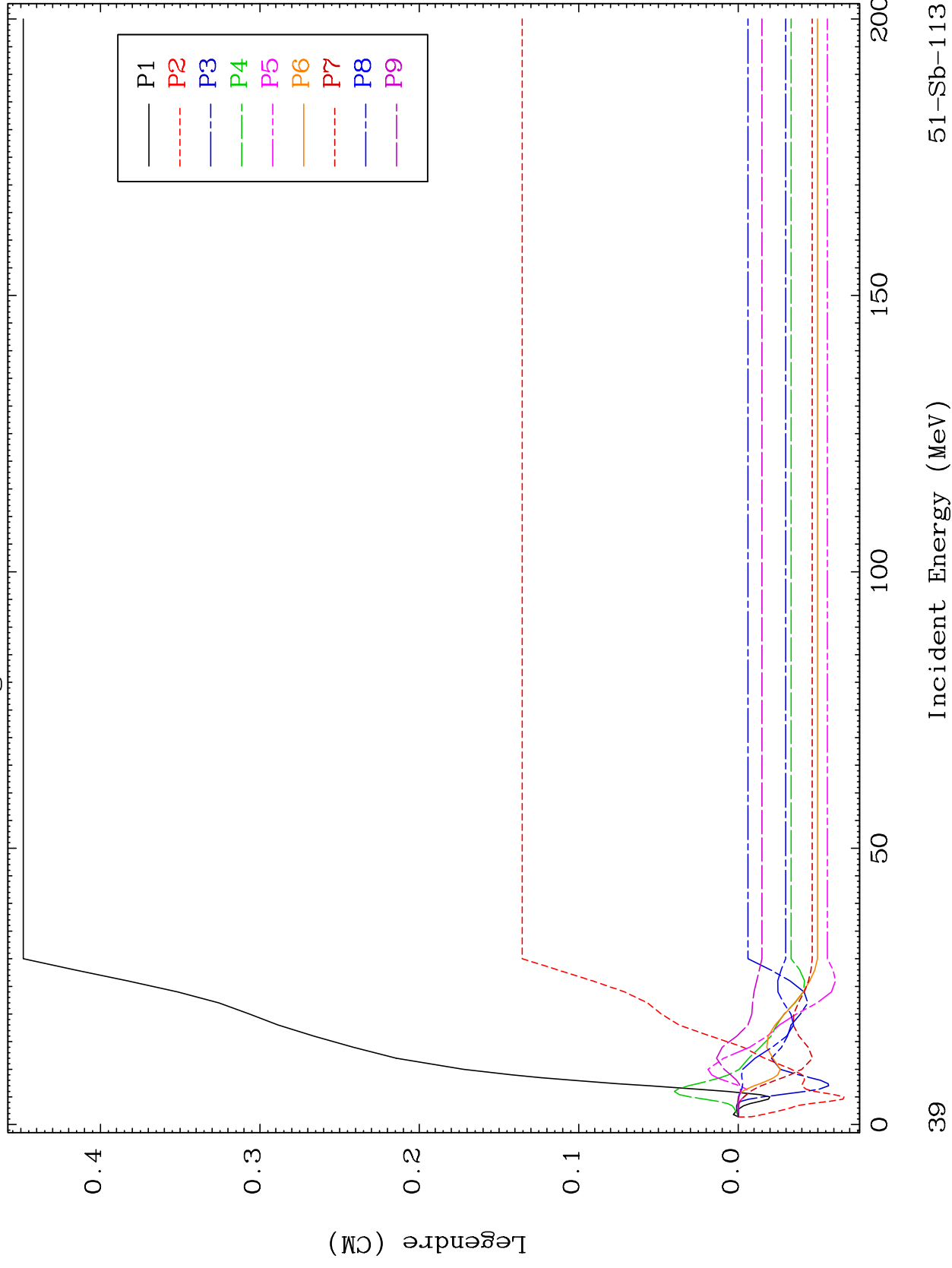
MT= 55 (n,n') Level  
Legendre Coefficients



MAT 5101

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

51-Sb-113



51-Sb-113

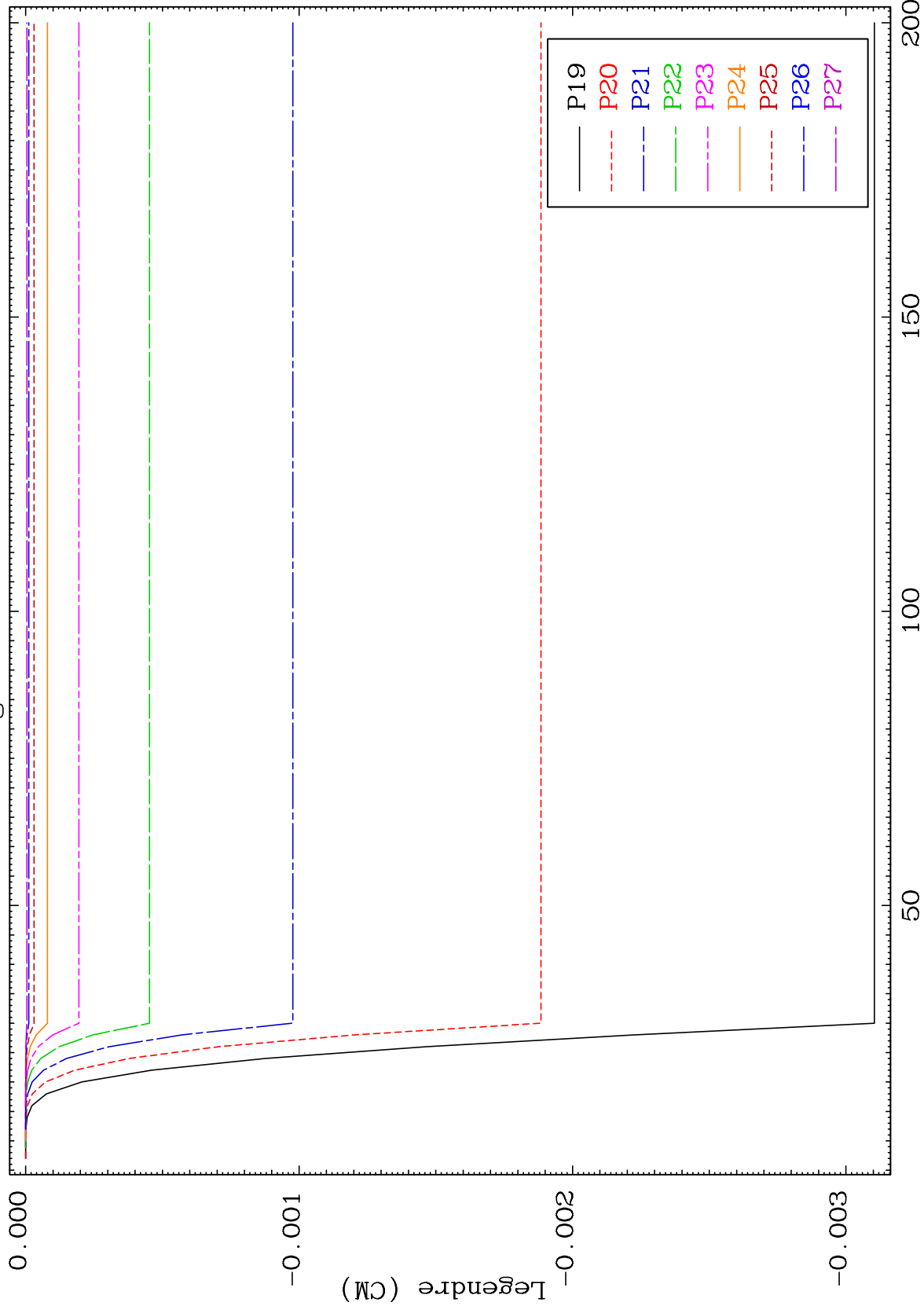
Incident Energy (MeV)

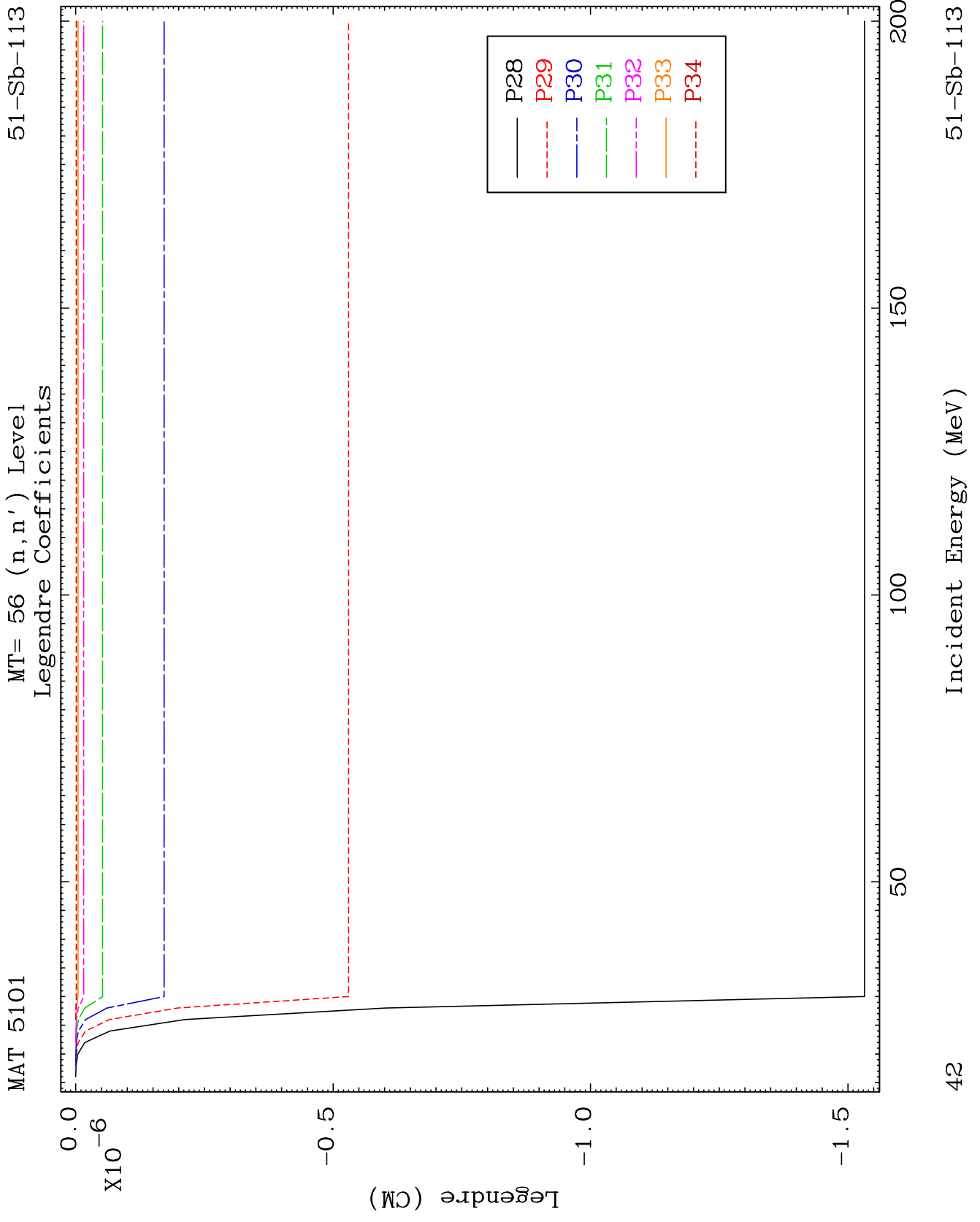
39





Legendre Coefficients

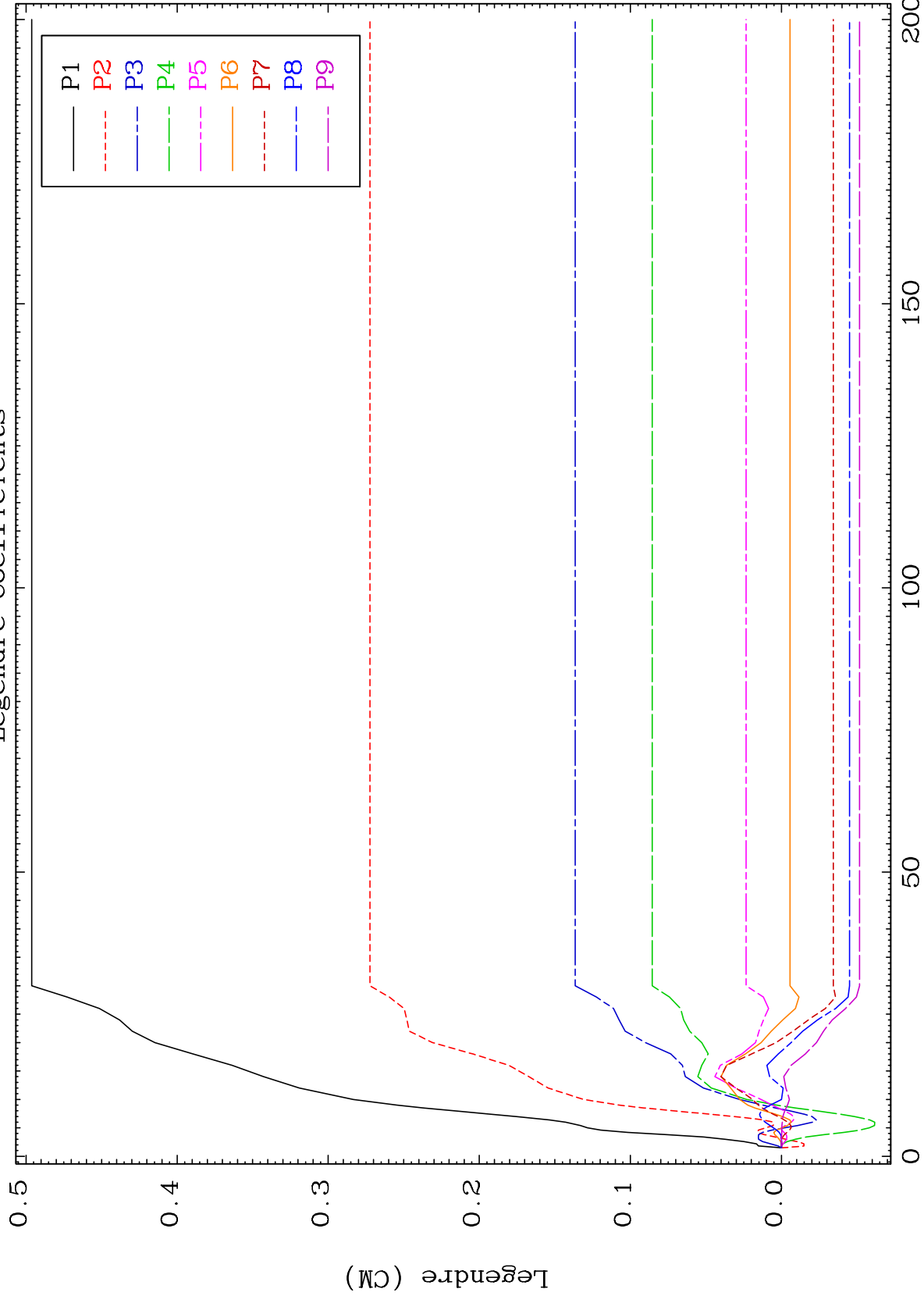




MAT 5101

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

51-Sb-113



51-Sb-113

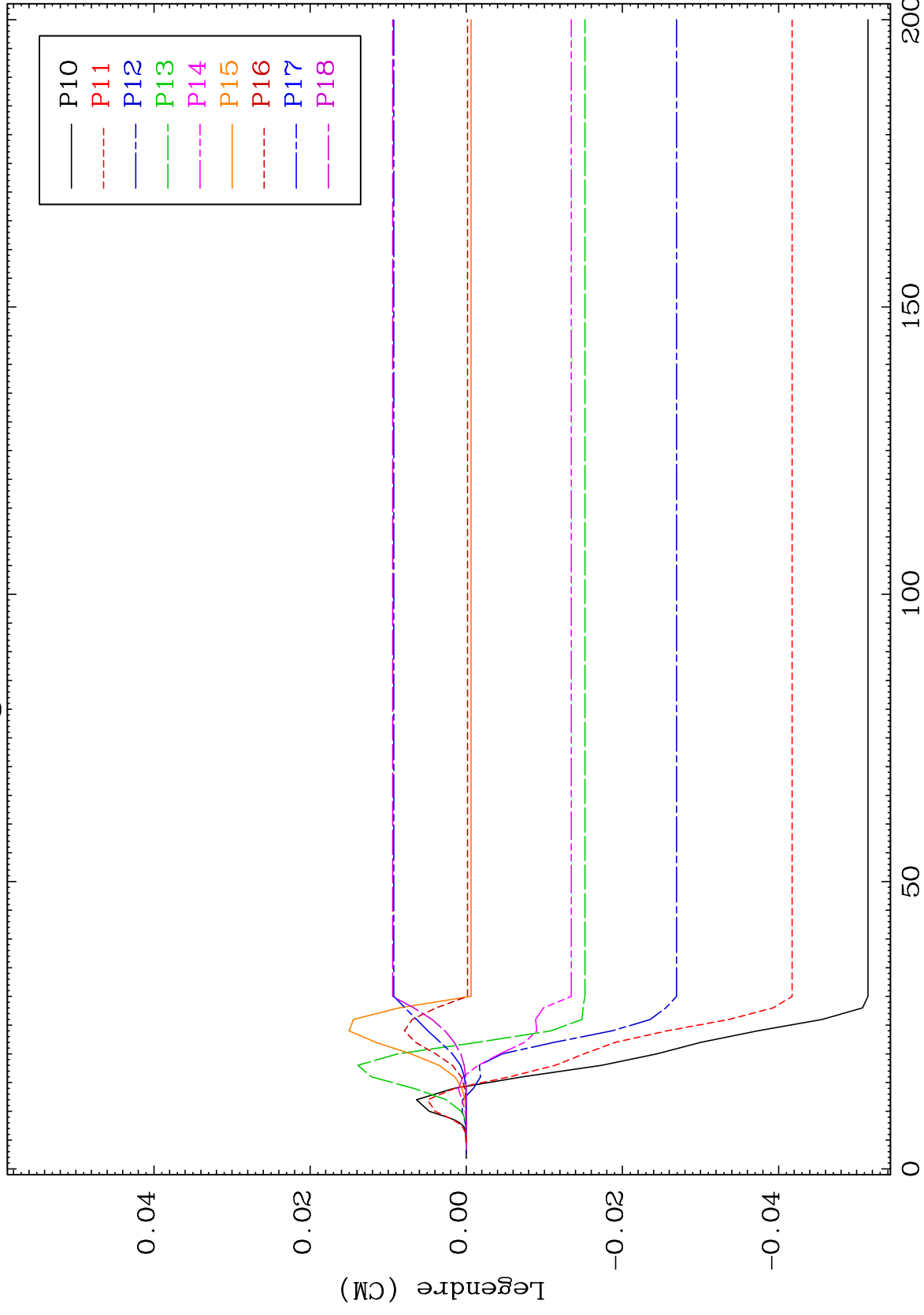
Incident Energy (MeV)

43

MAT 5101

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

51-Sb-113



44

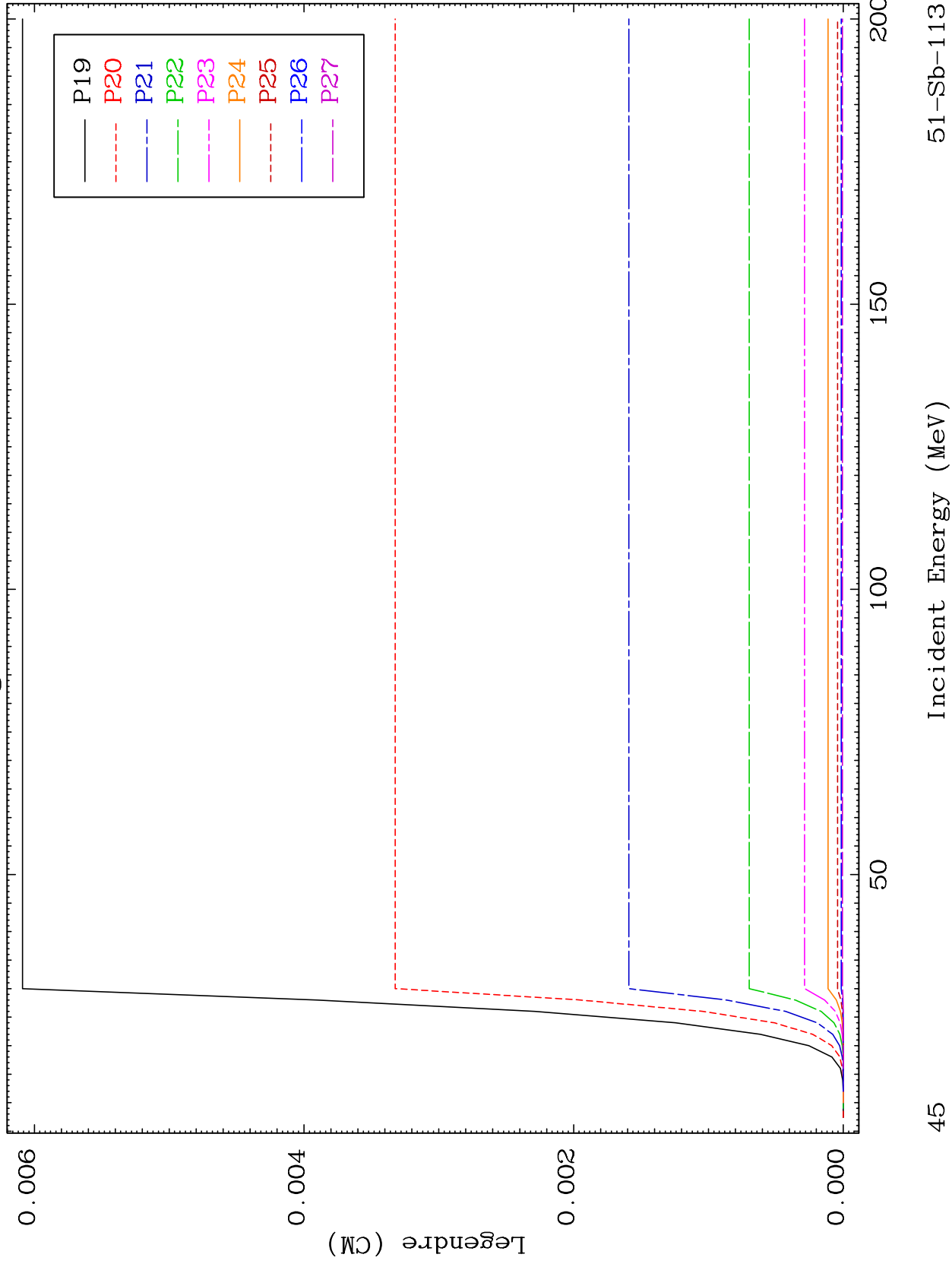
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



51-Sb-113

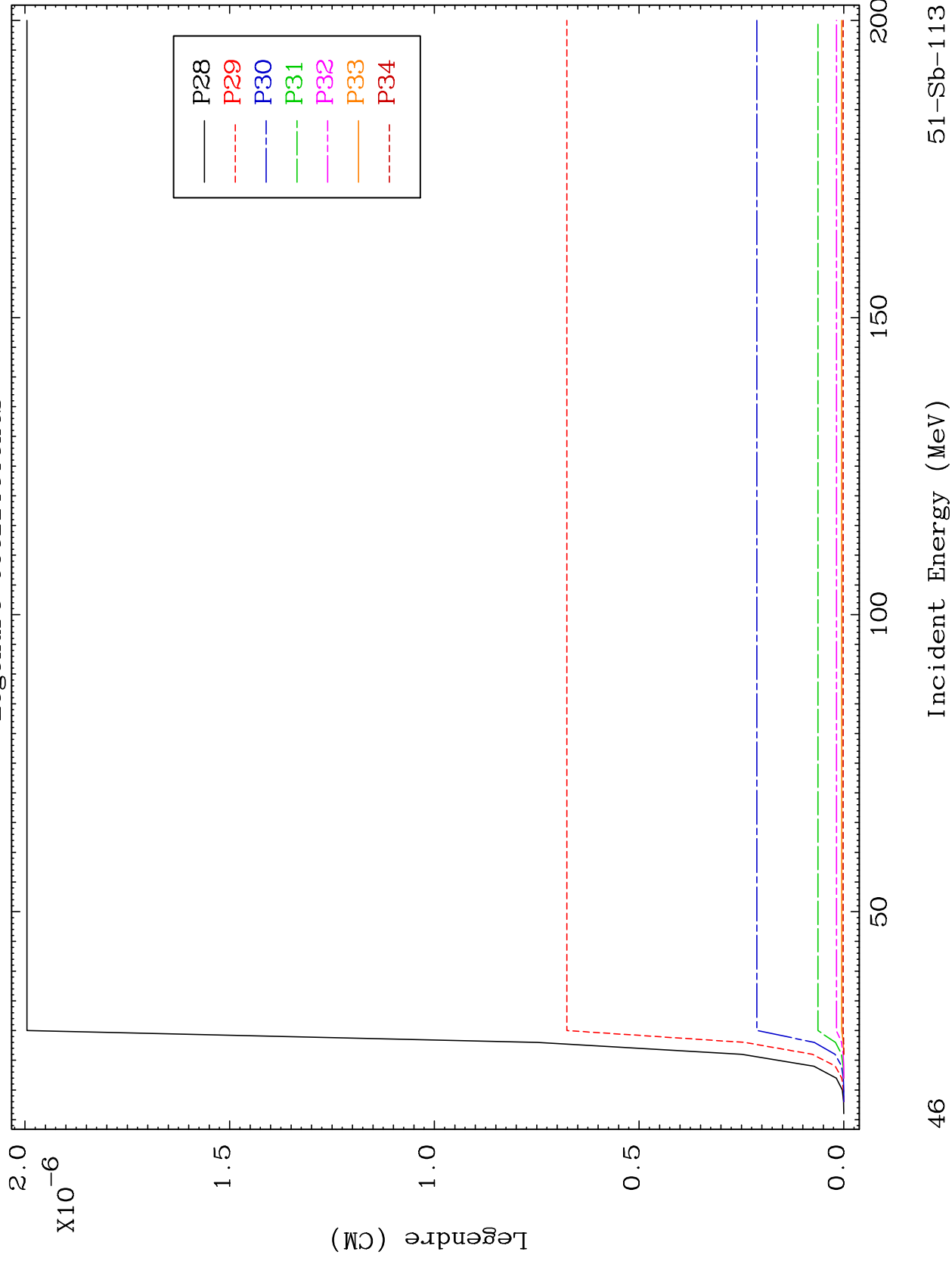
Incident Energy (MeV)

45

MAT 5101

51-Sb-113

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



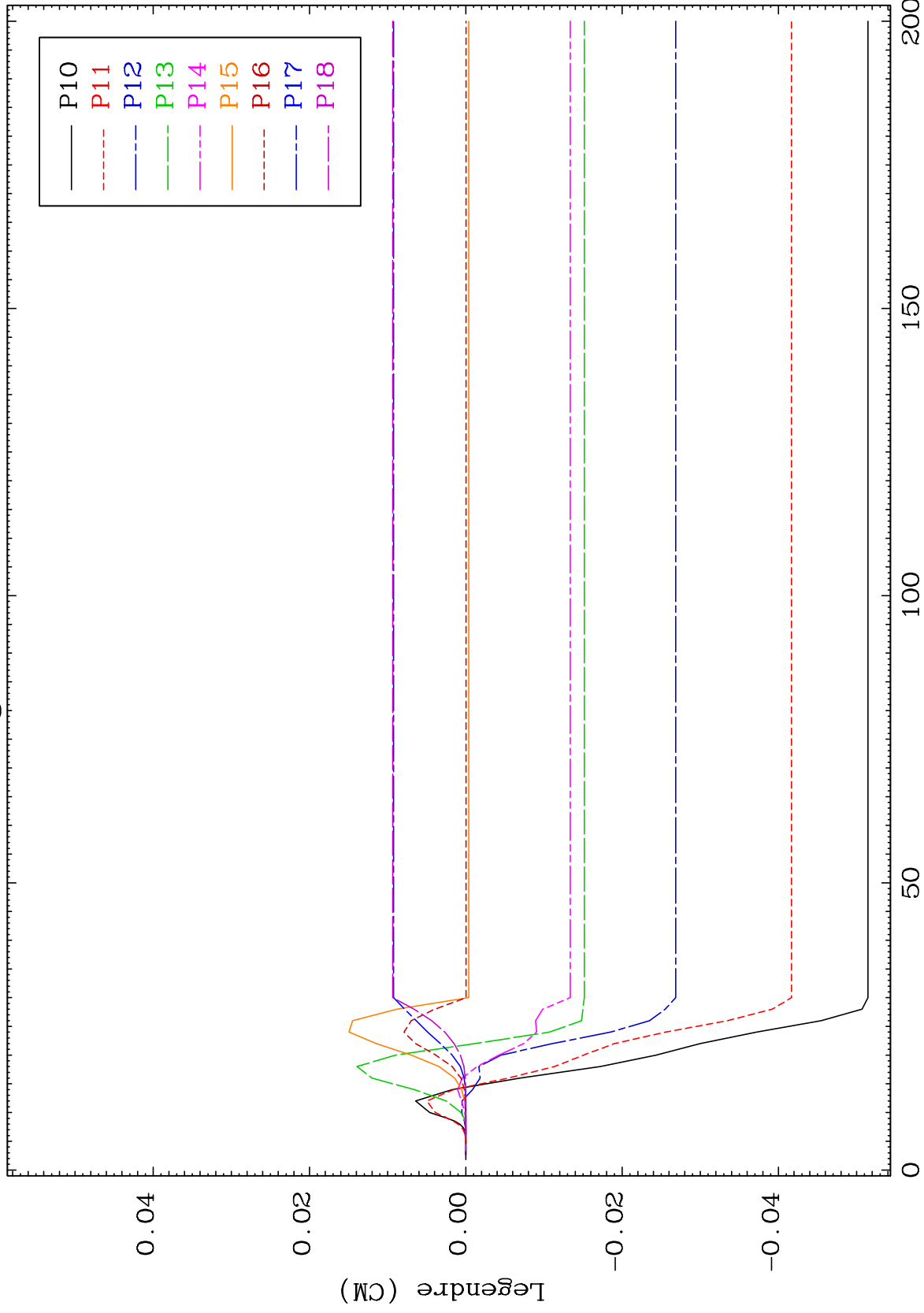




MAT 5101

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

51-Sb-113



48

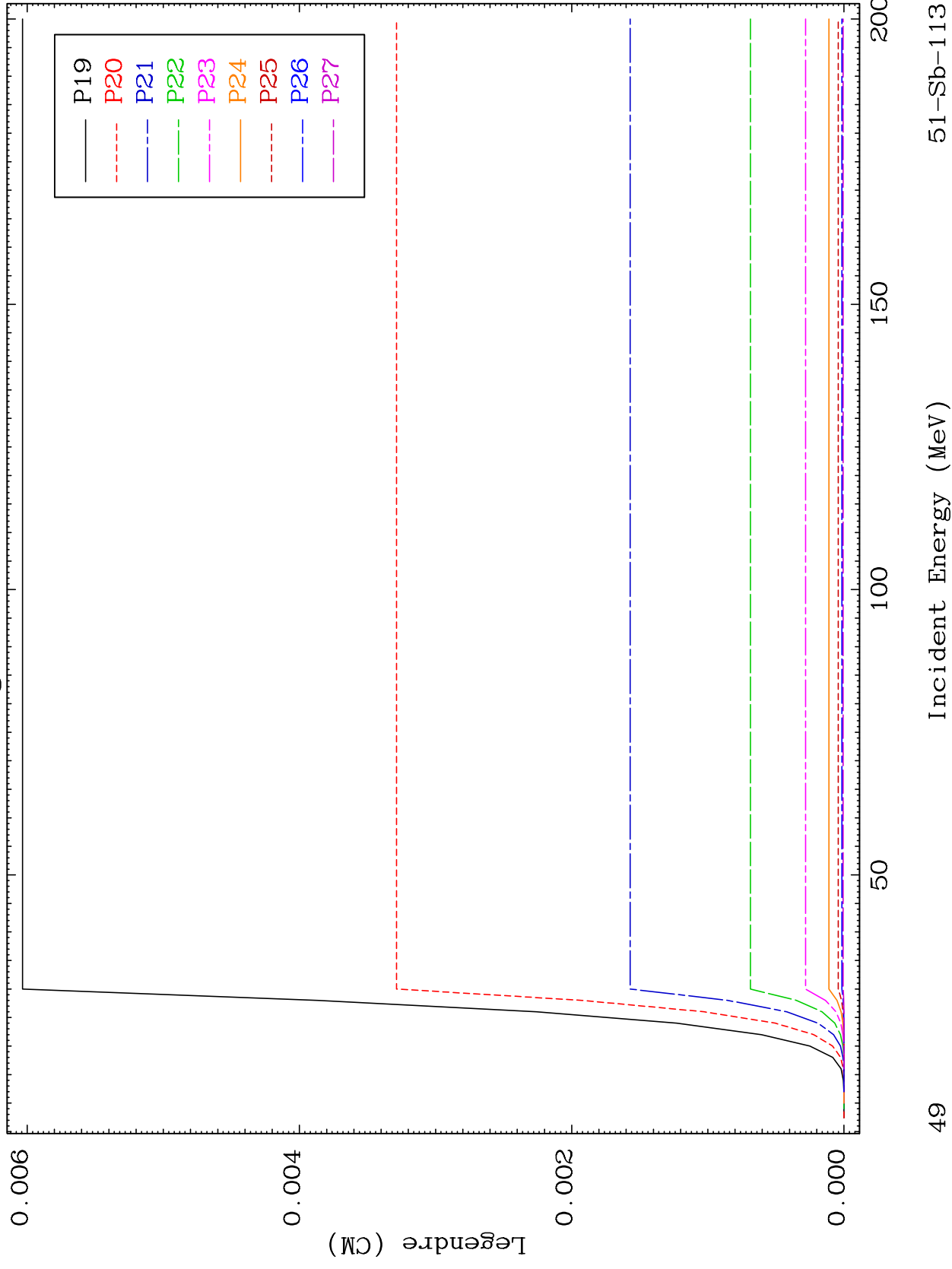
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



49

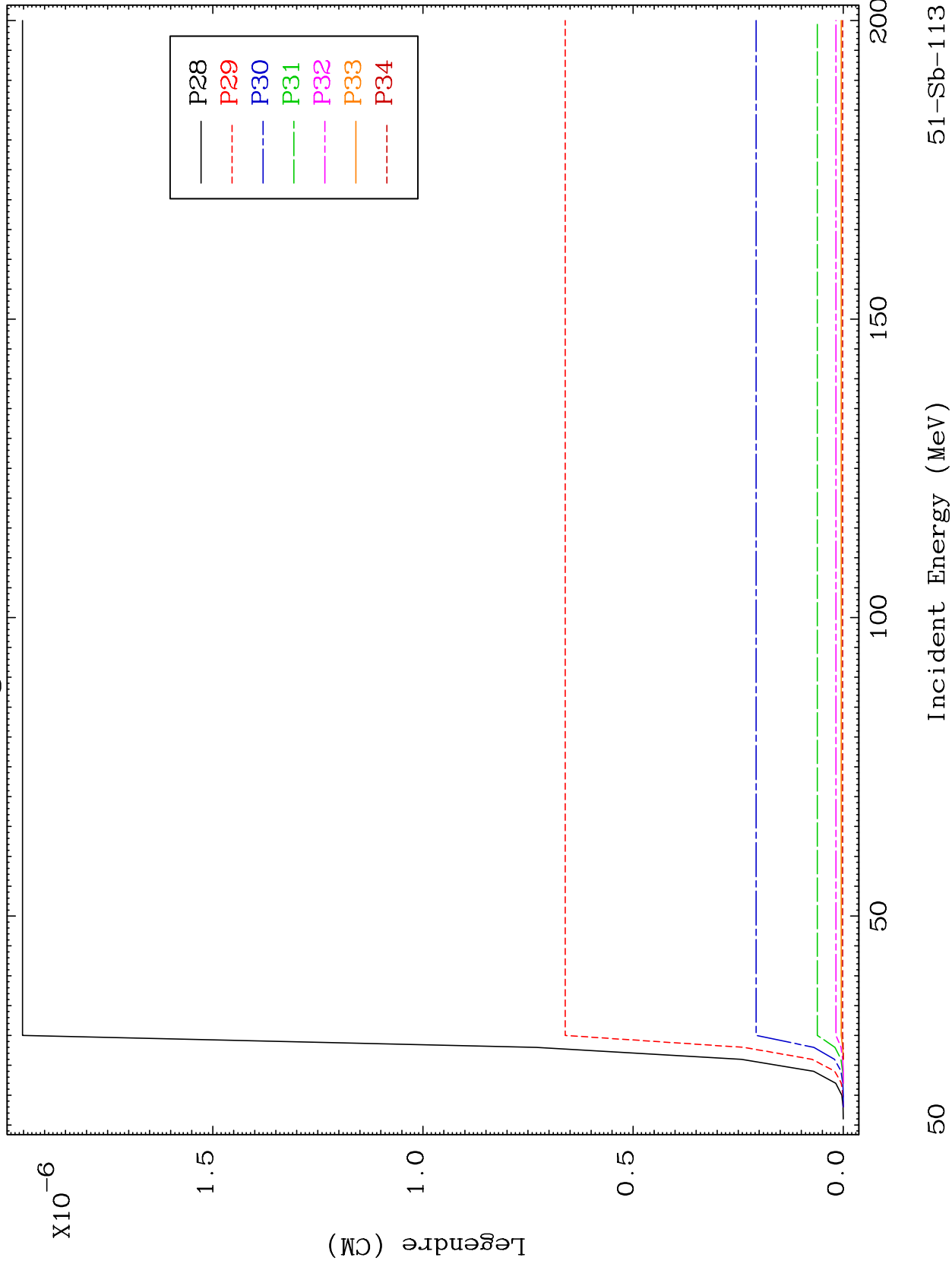
Incident Energy (MeV)

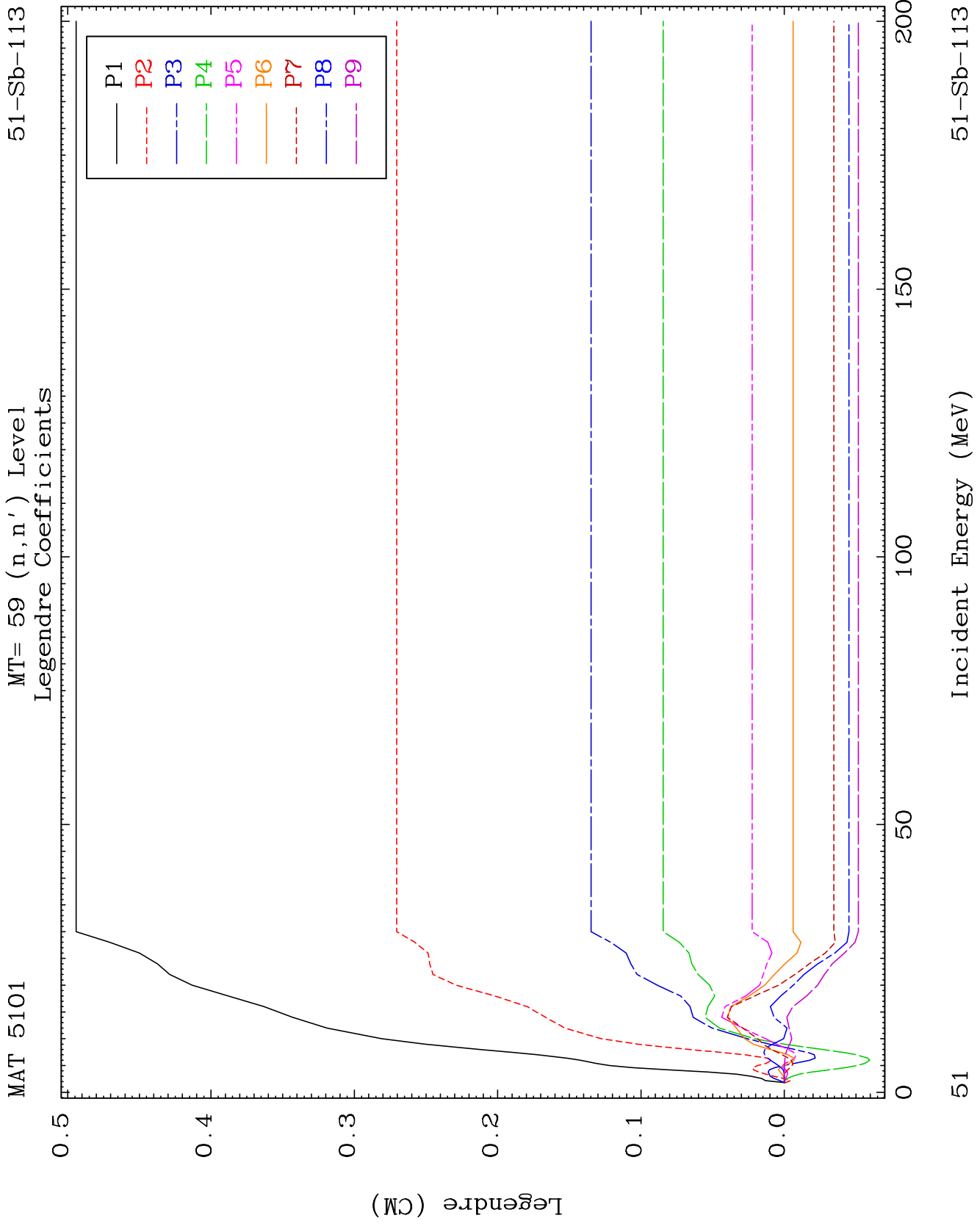
51-Sb-113

MAT 5101

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

51-Sb-113

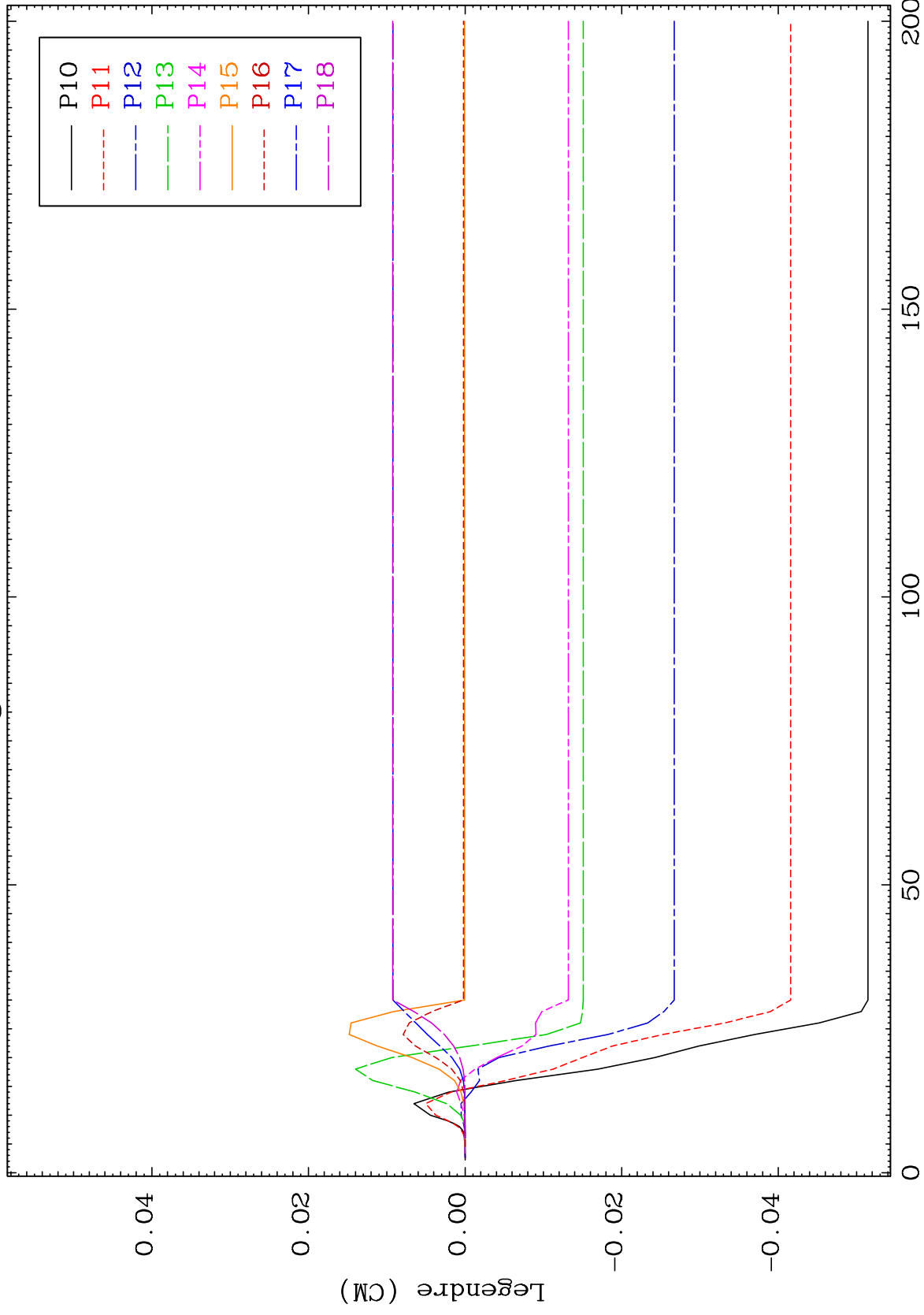




MAT 5101

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

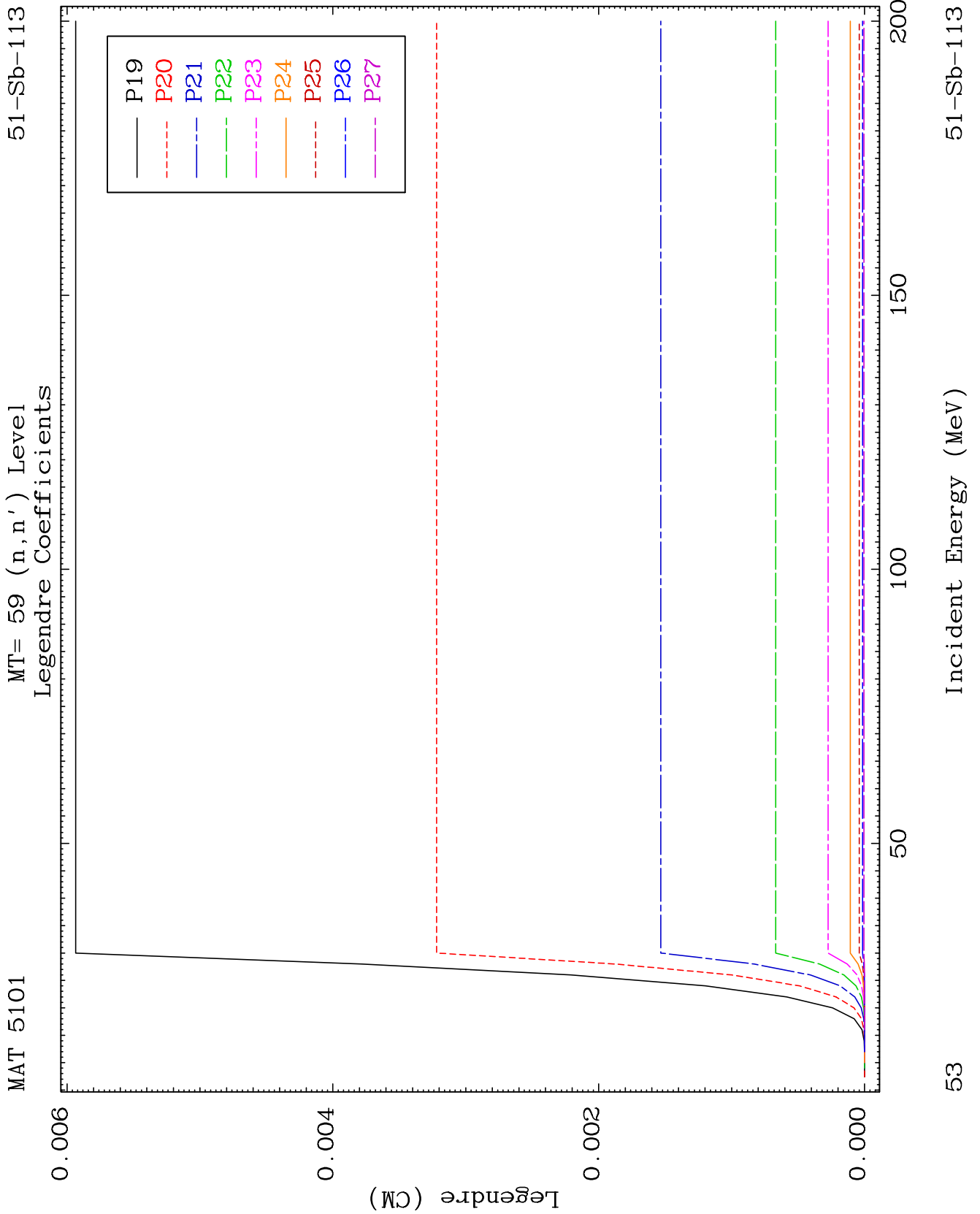
51-Sb-113



52

Incident Energy (MeV)

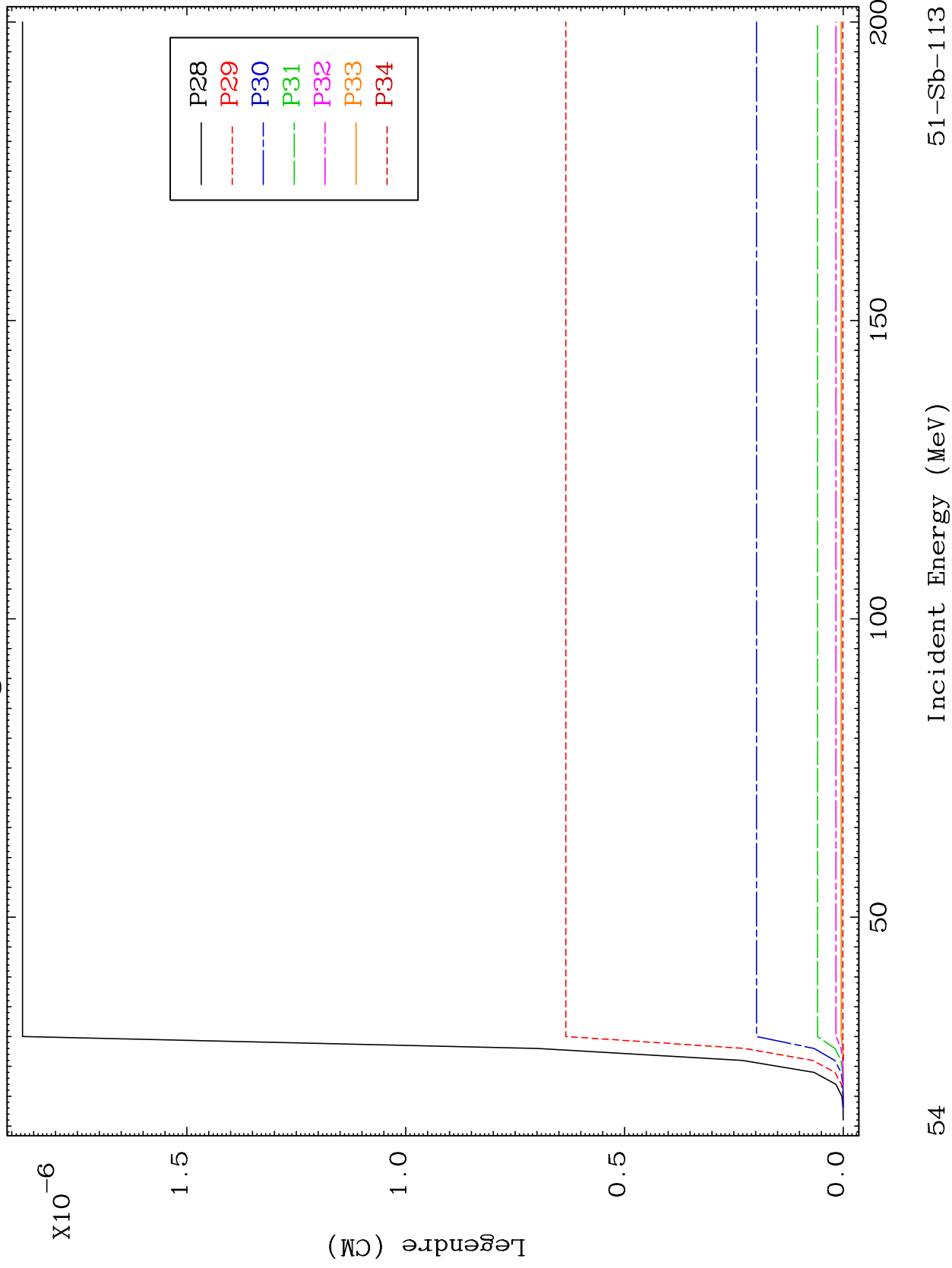
51-Sb-113



MAT 5101

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

51-Sb-113



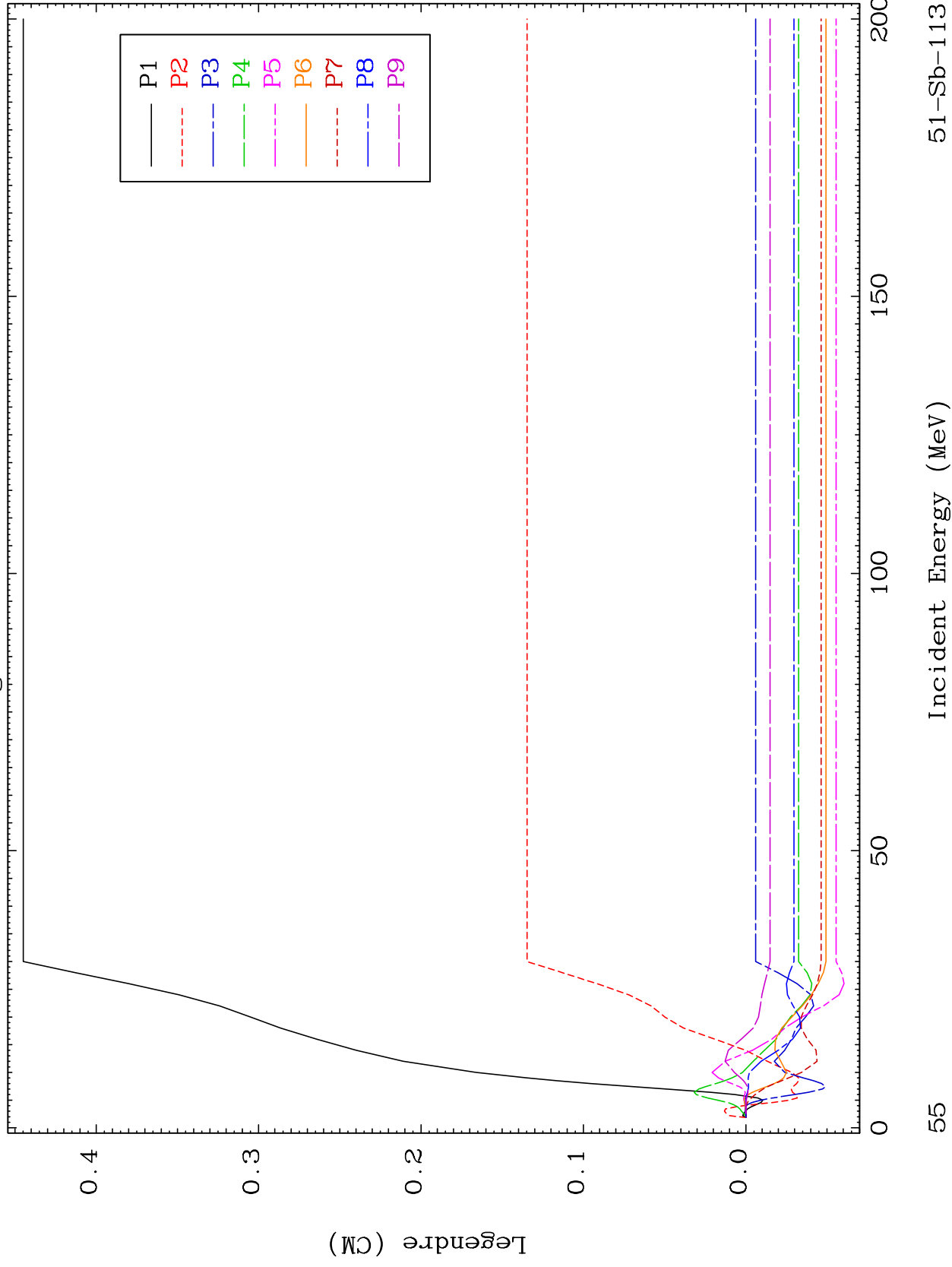
54

51-Sb-113

MAT 5101

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

51-Sb-113



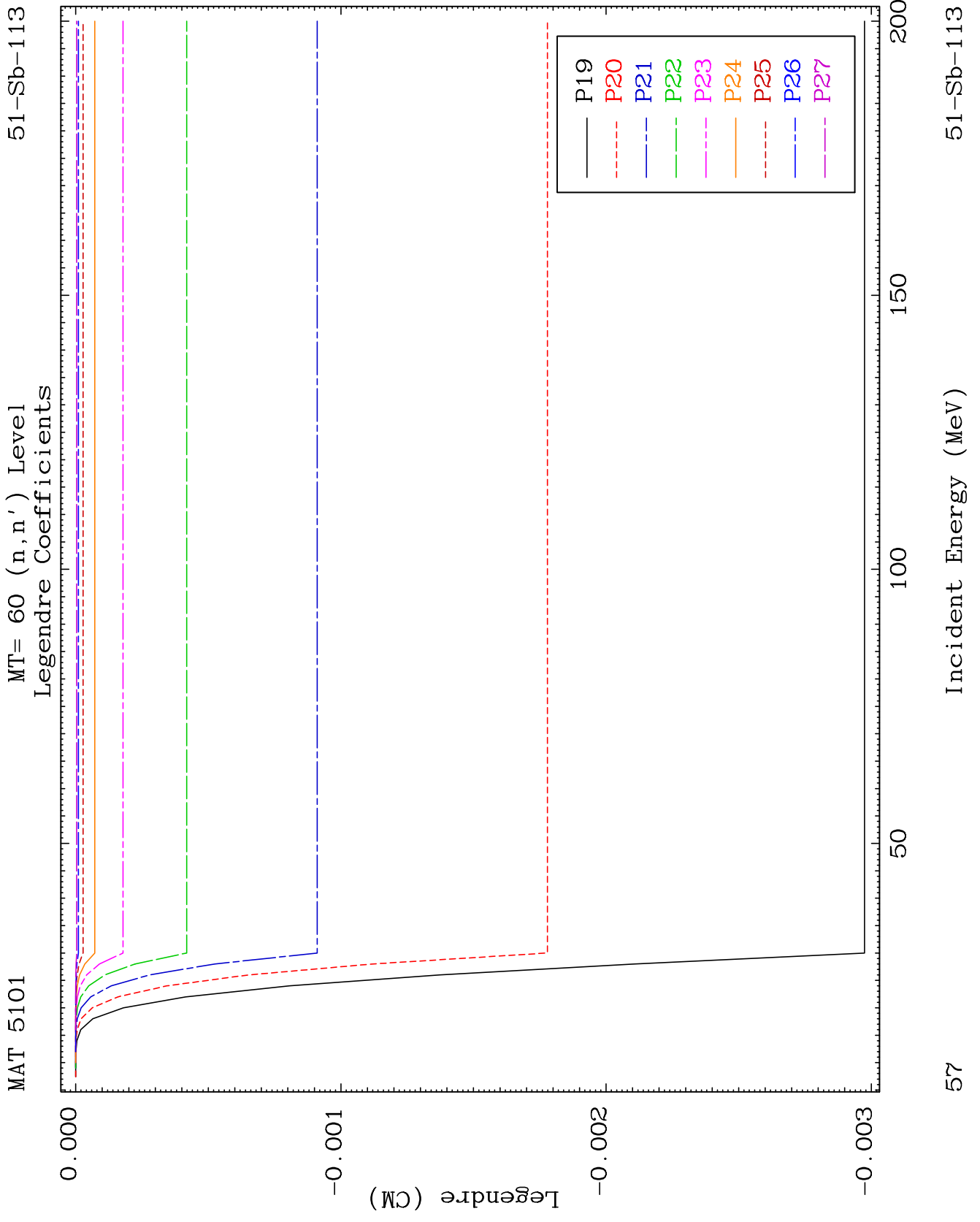
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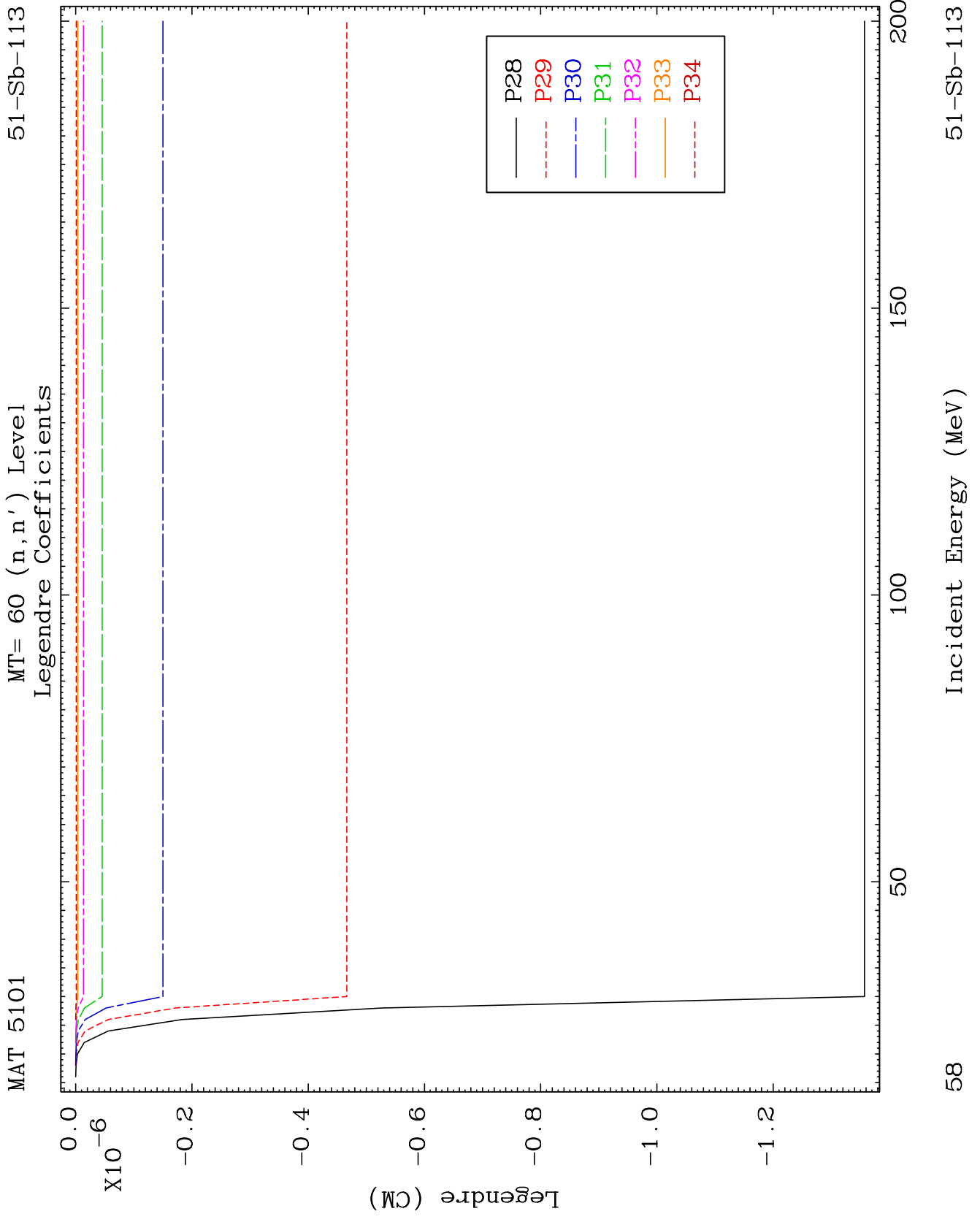
Incident Energy (MeV)

55





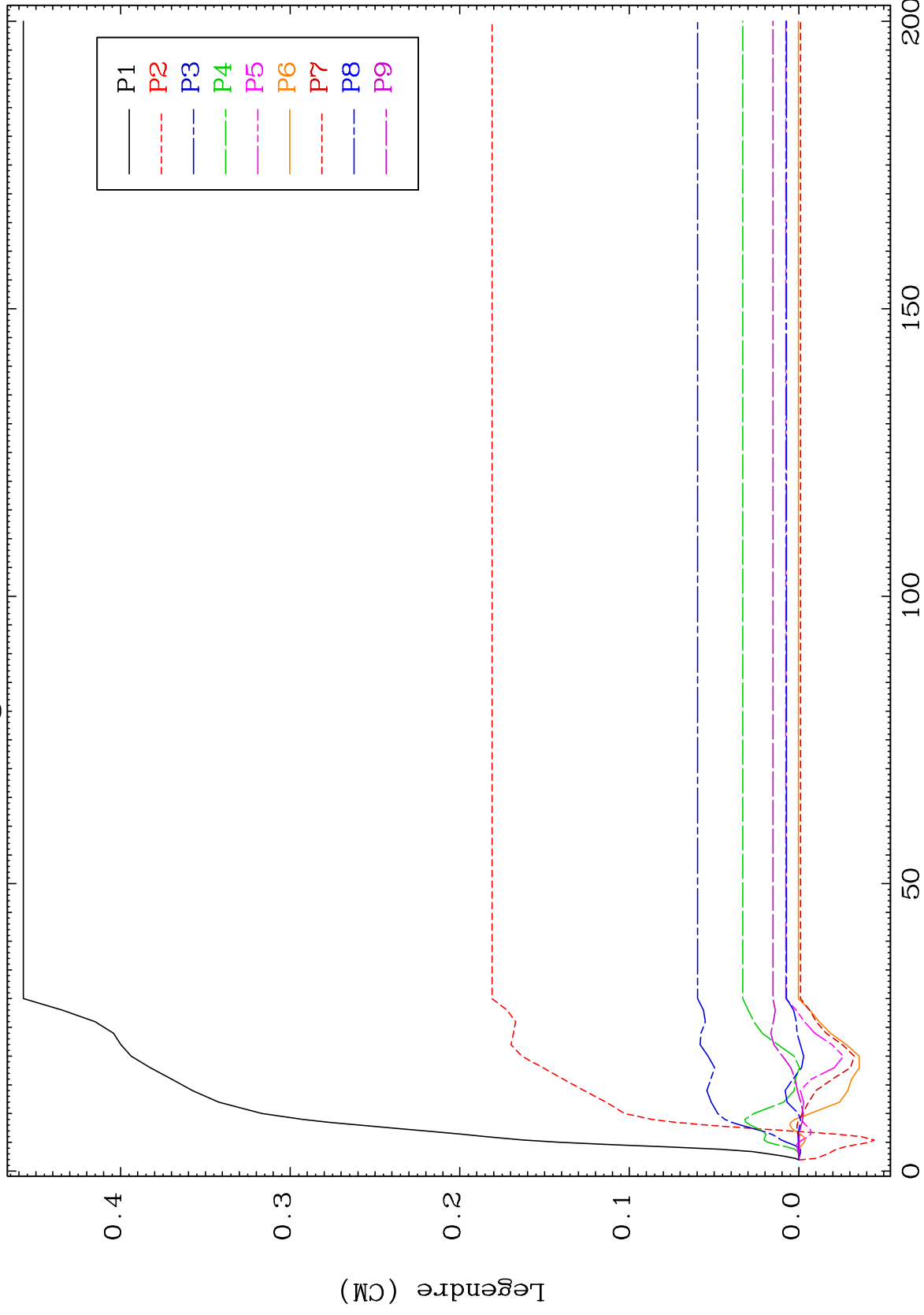




MAT 5101

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

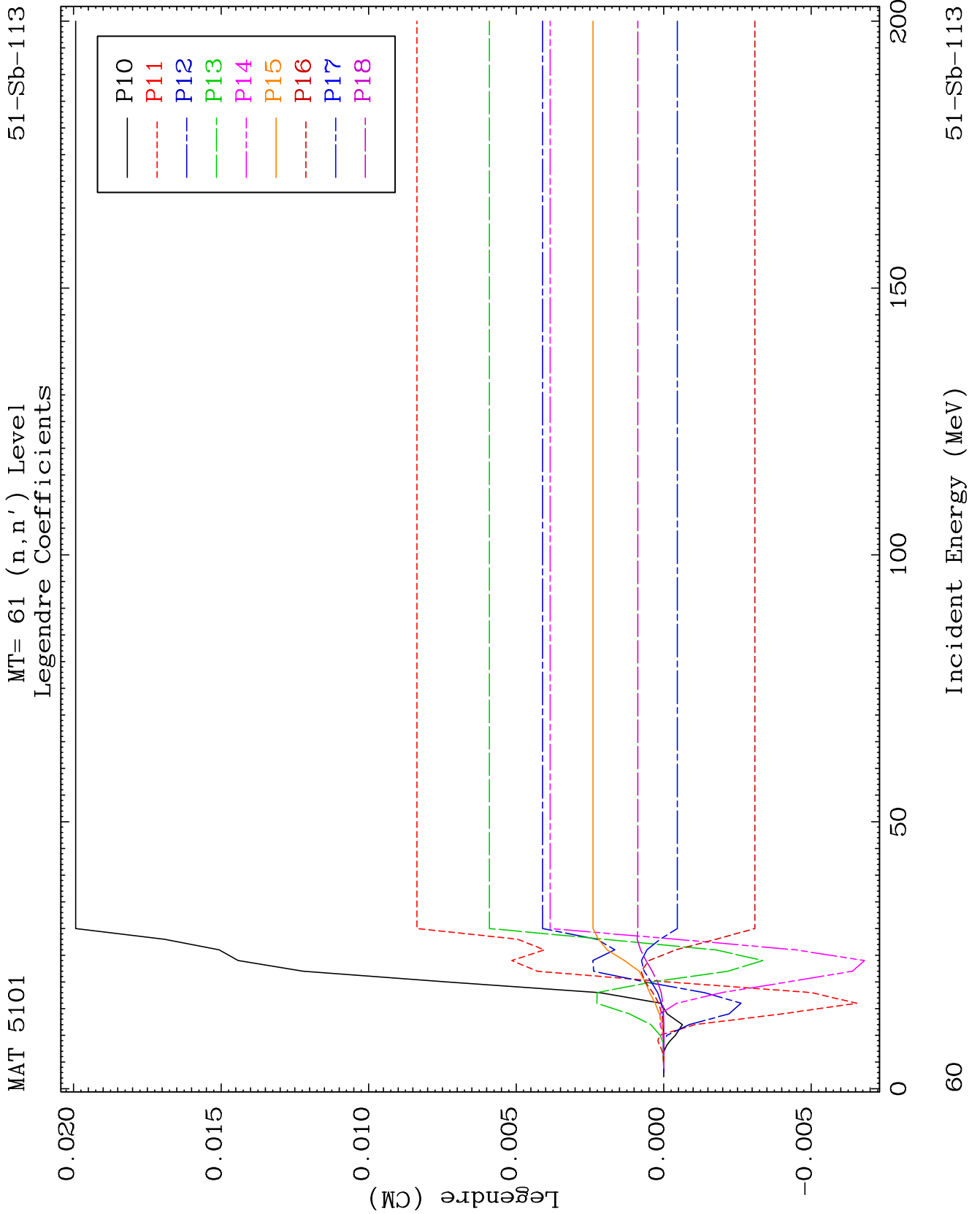
51-Sb-113



51-Sb-113

Incident Energy (MeV)

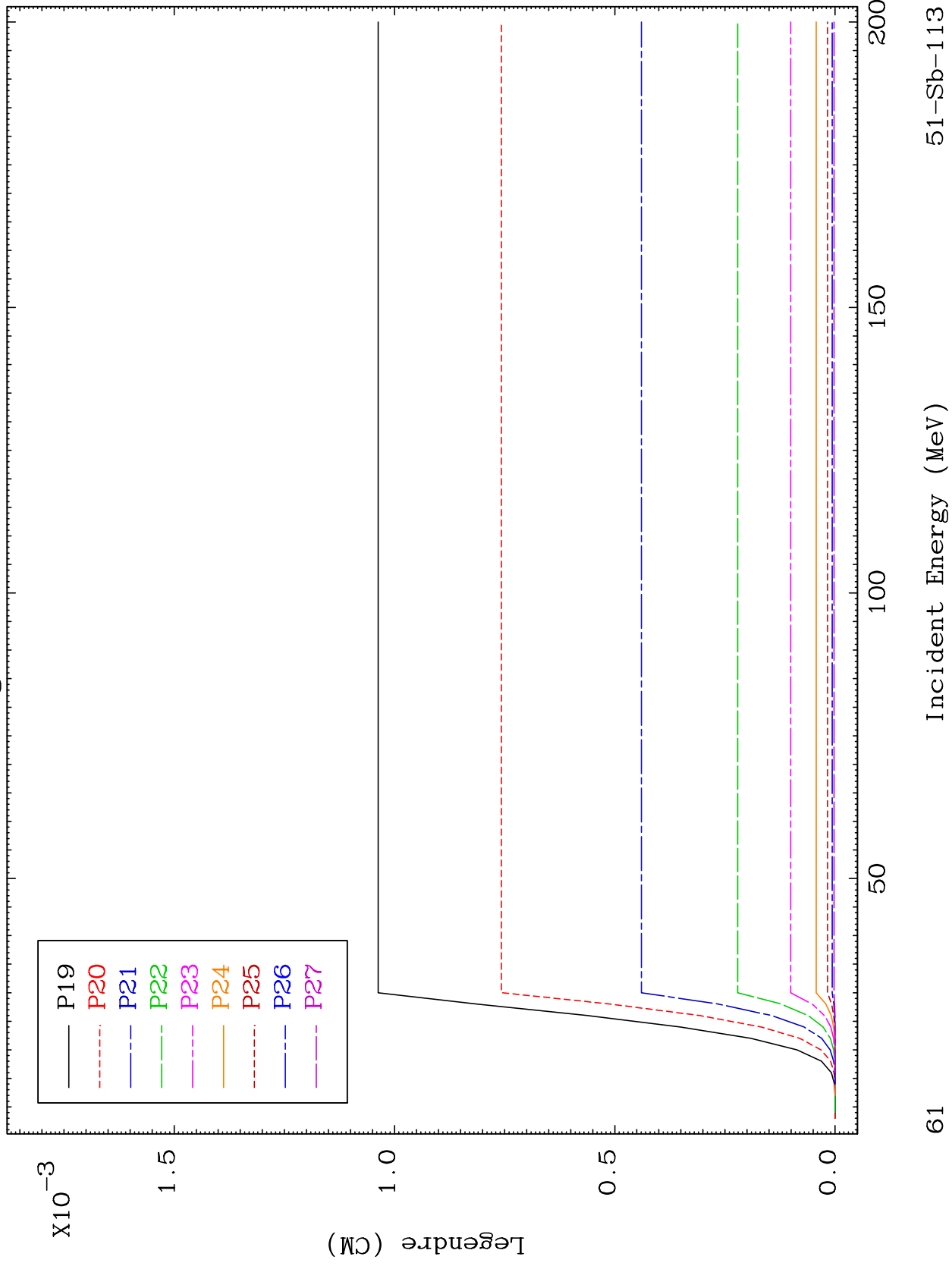
59



MAT 5101

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

51-Sb-113



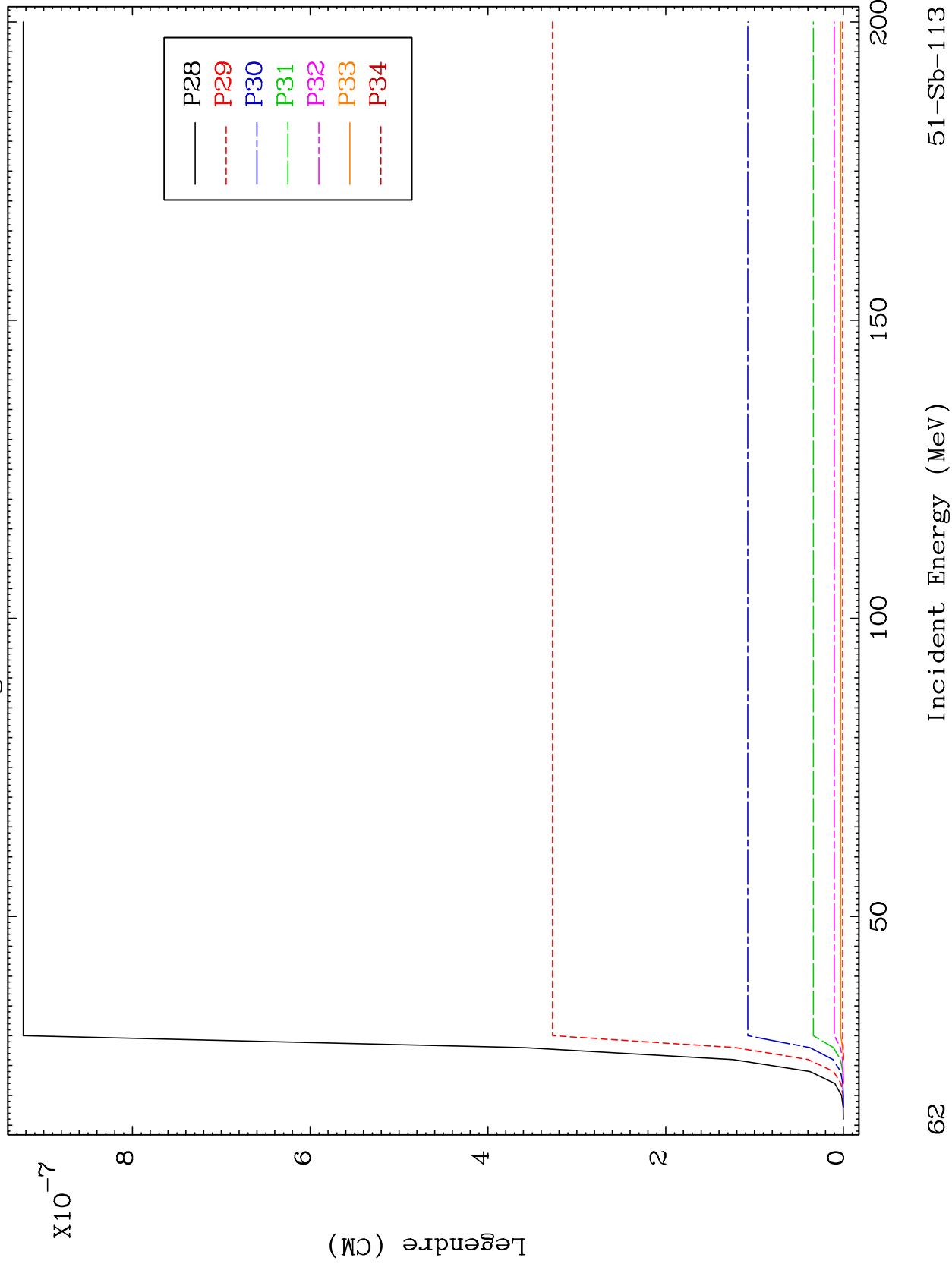
61

51-Sb-113

MAT 5101

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

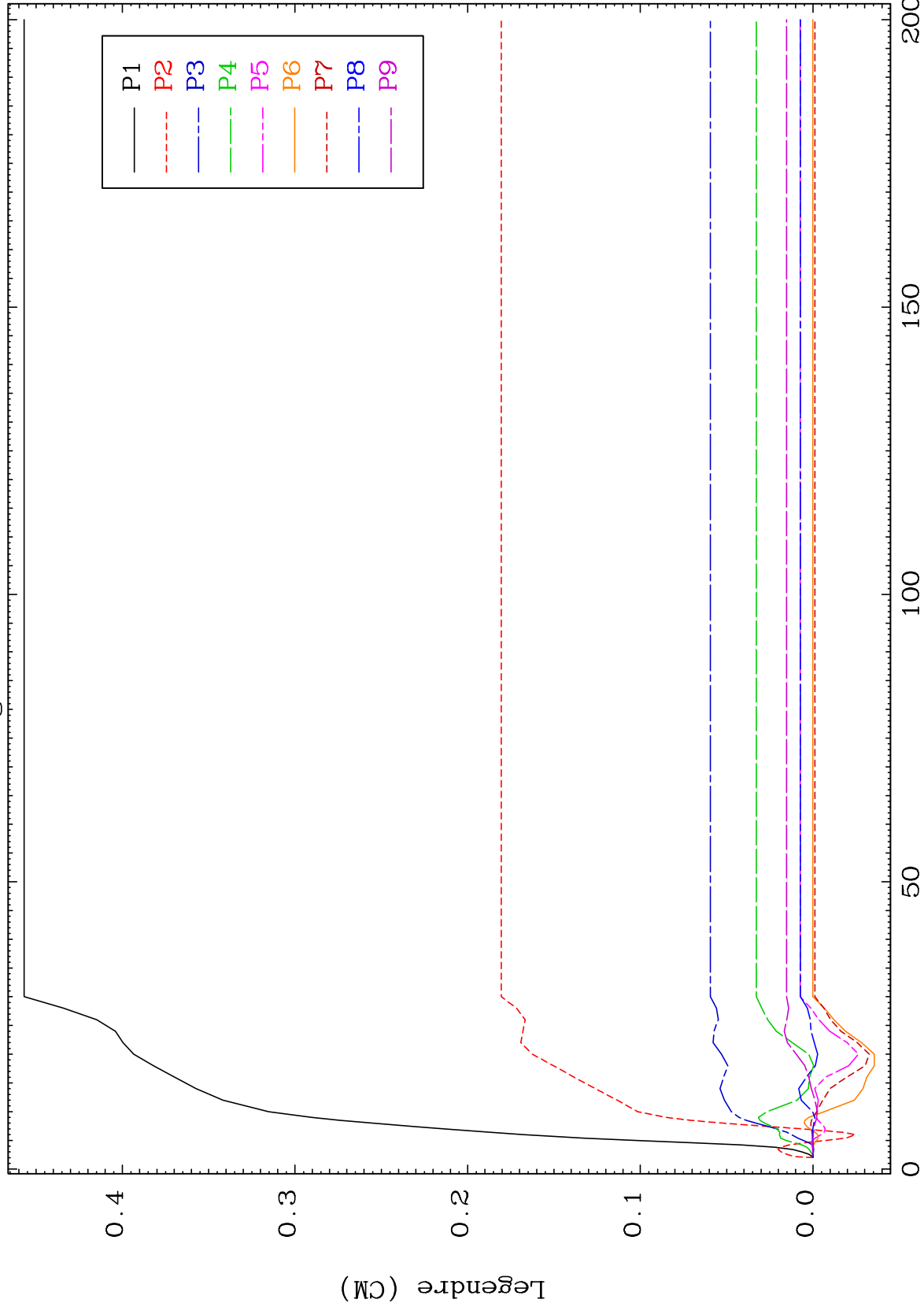
51-Sb-113



MAT 5101

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

51-Sb-113



63

51-Sb-113

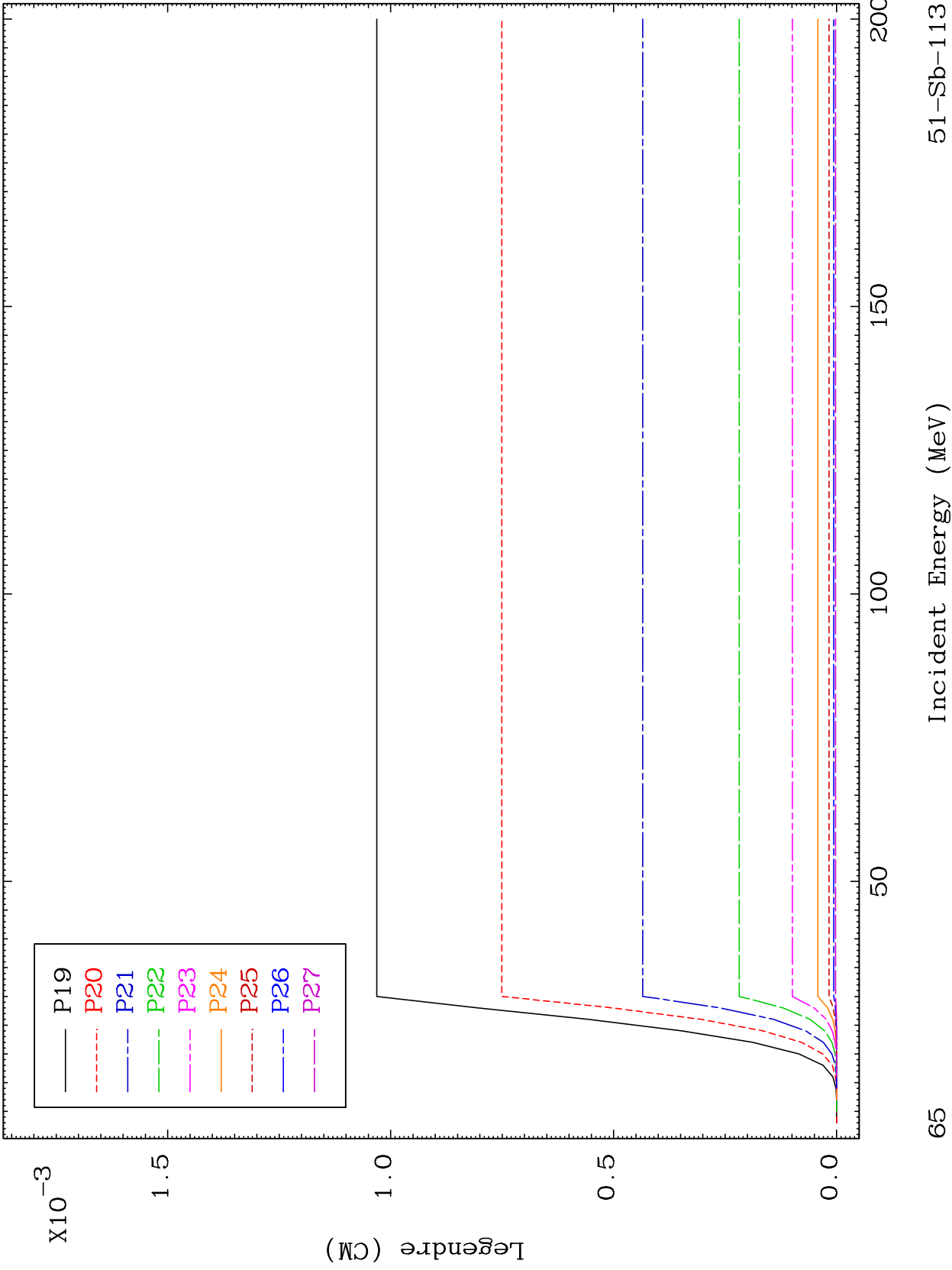




MAT 5101

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

51-Sb-113



65

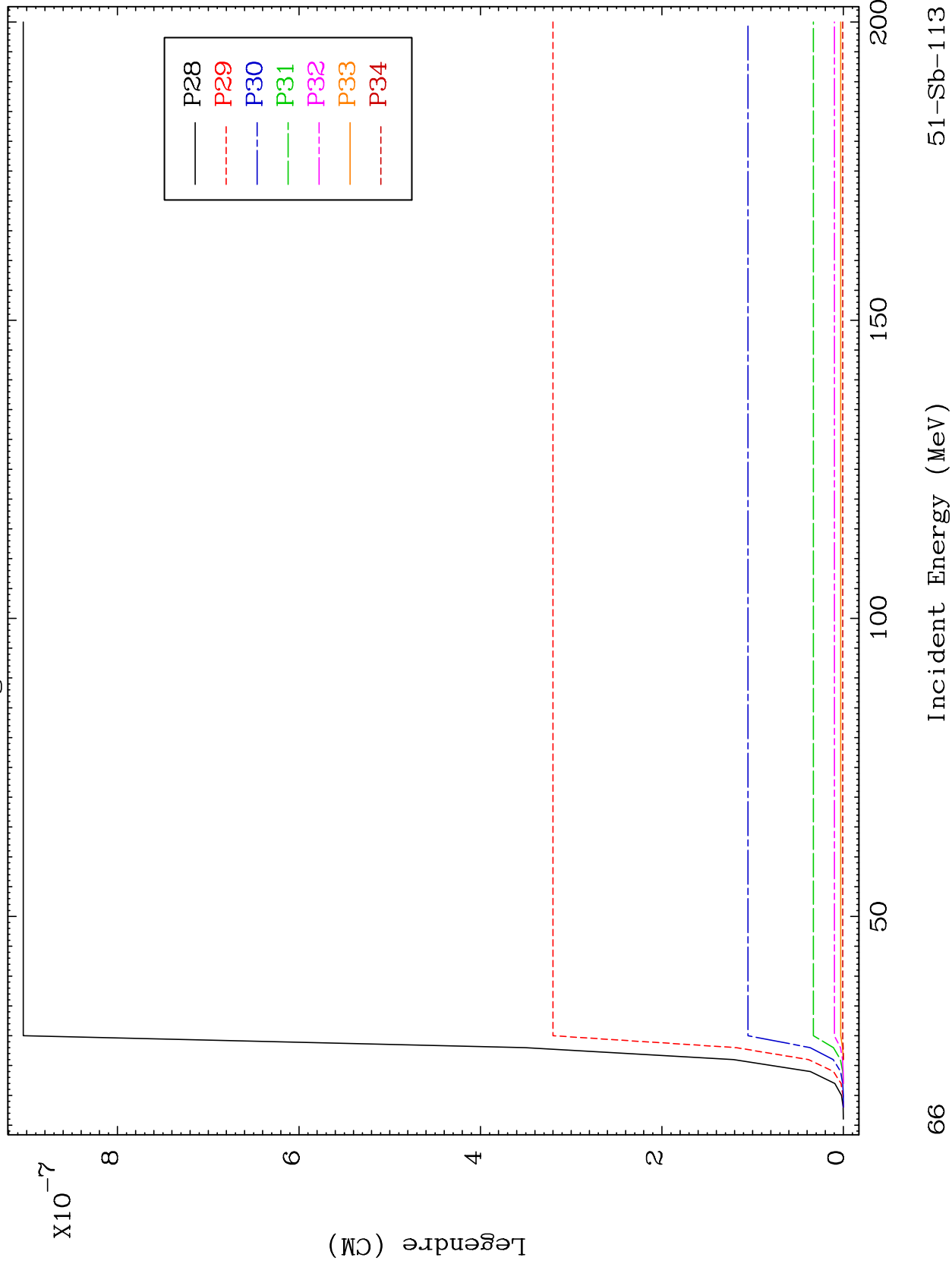
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



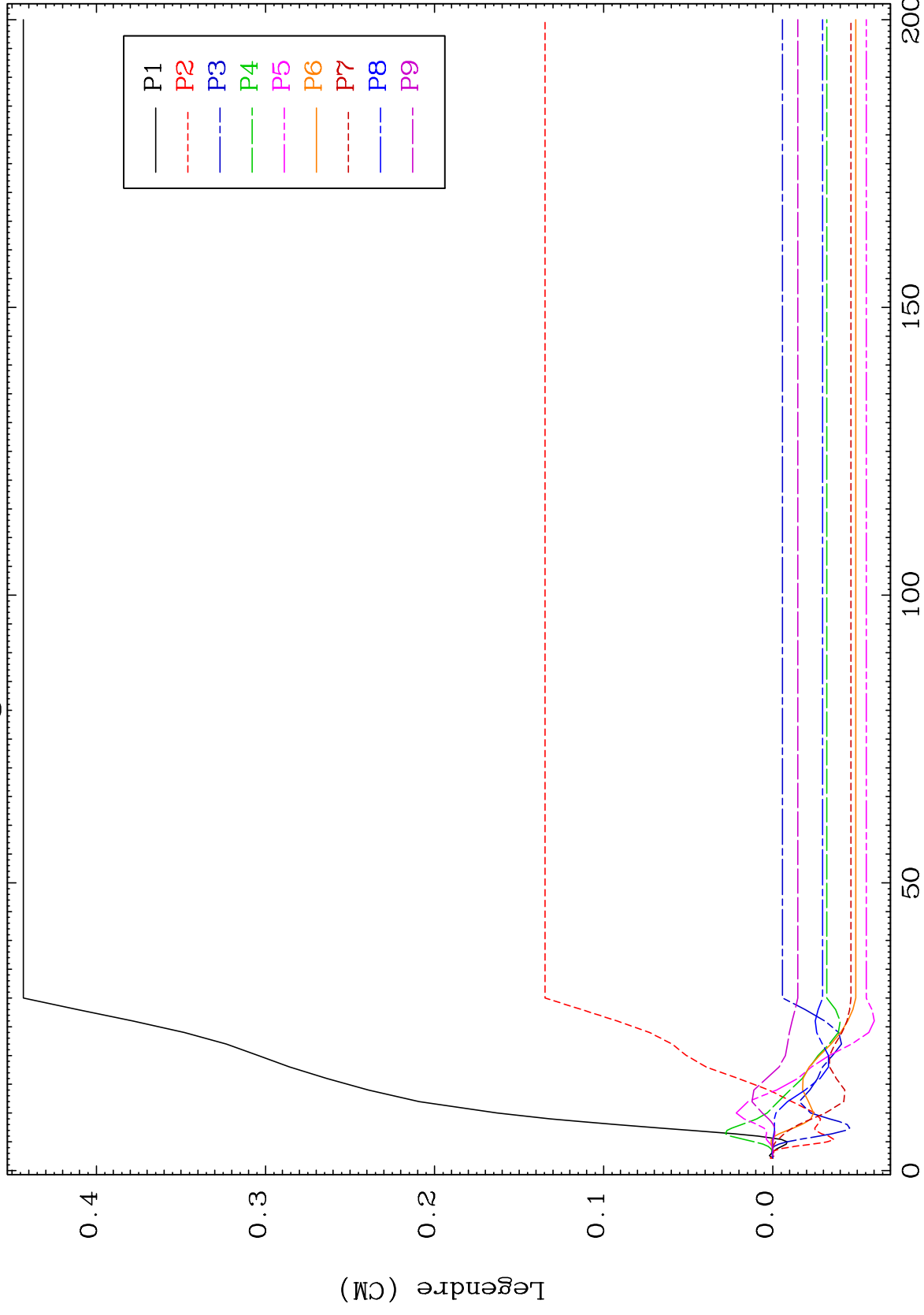
66

51-Sb-113

MAT 5101

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

51-Sb-113



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Incident Energy (MeV)

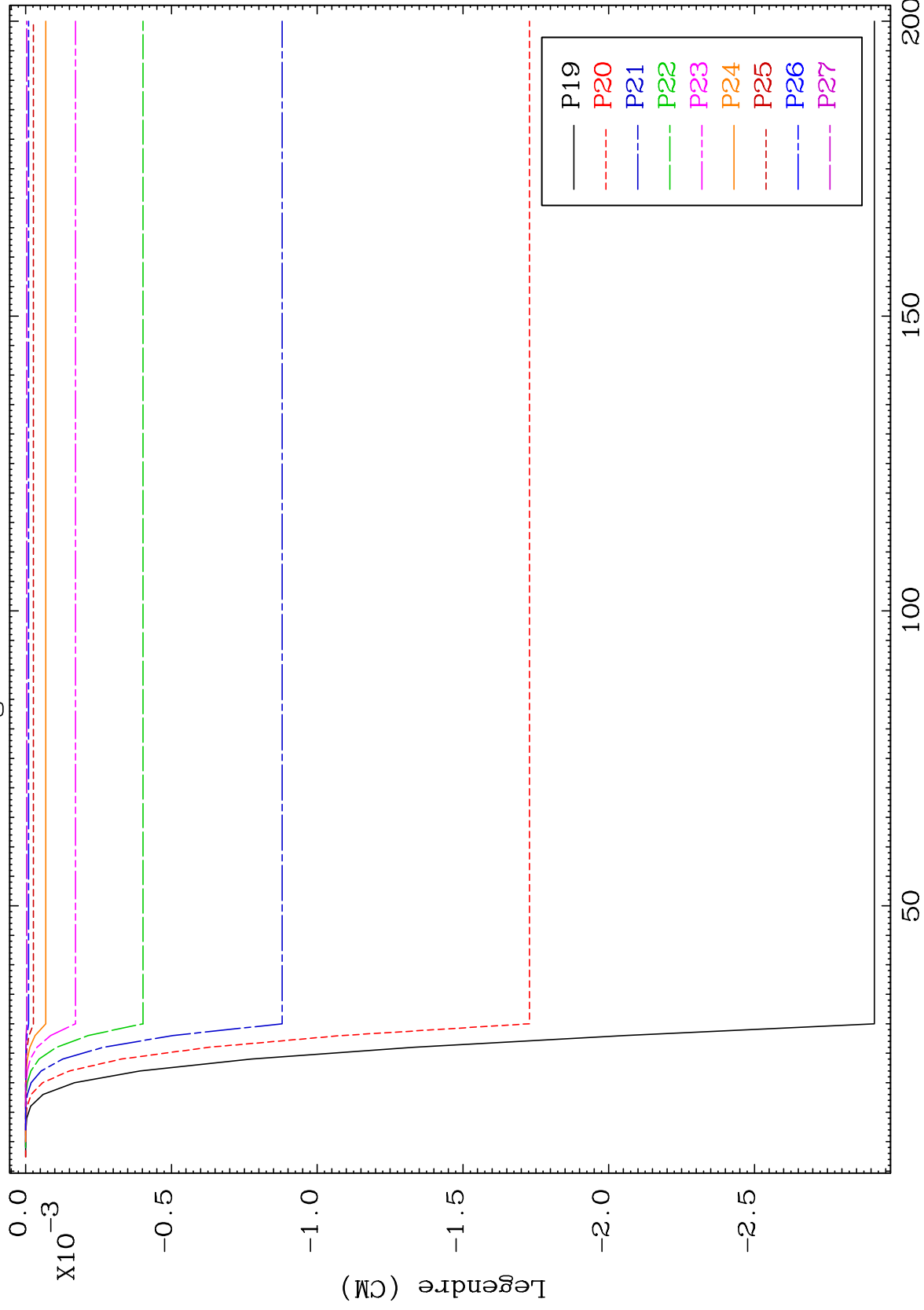
51-Sb-113



MAT 5101

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

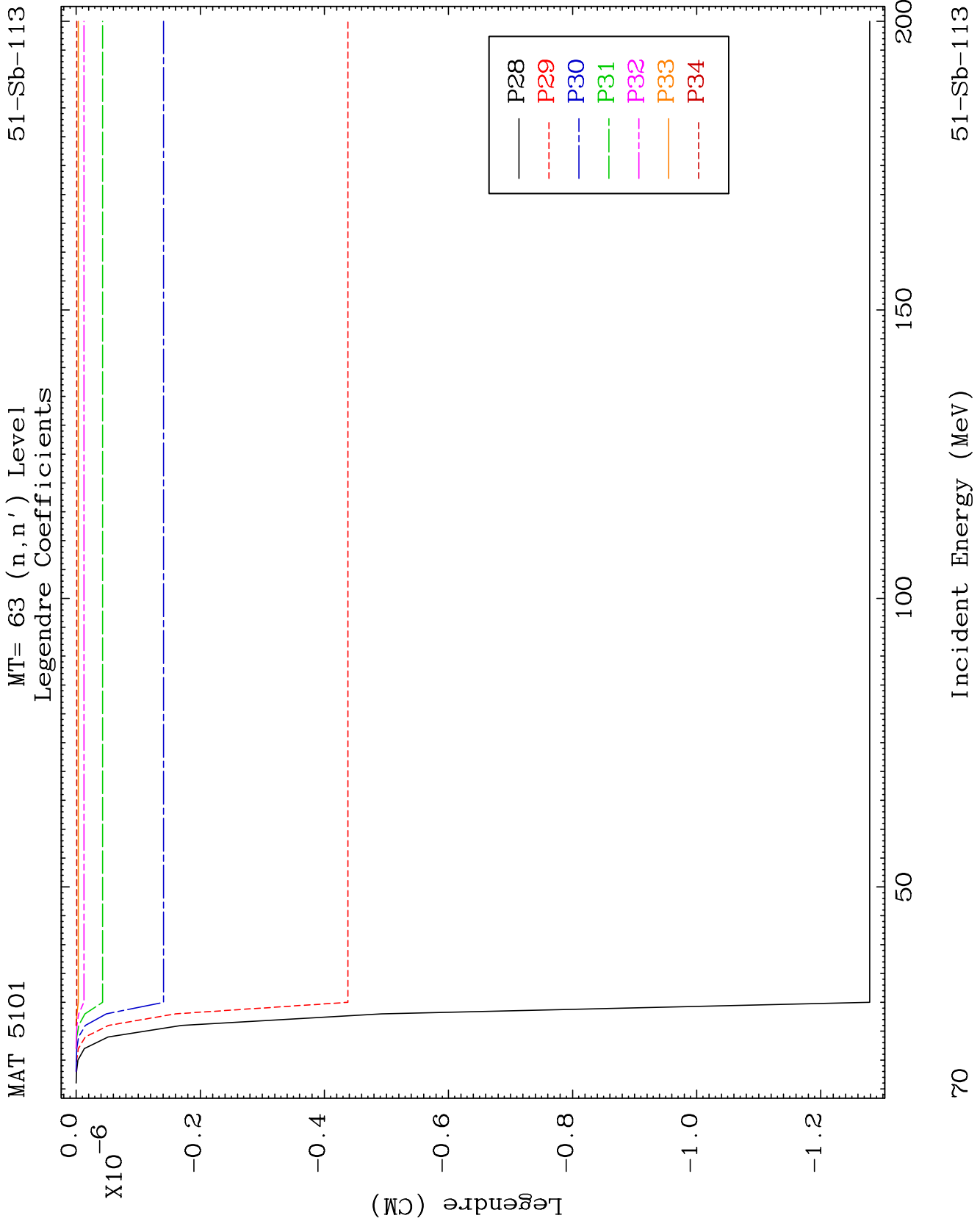
51-Sb-113



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Incident Energy (MeV)

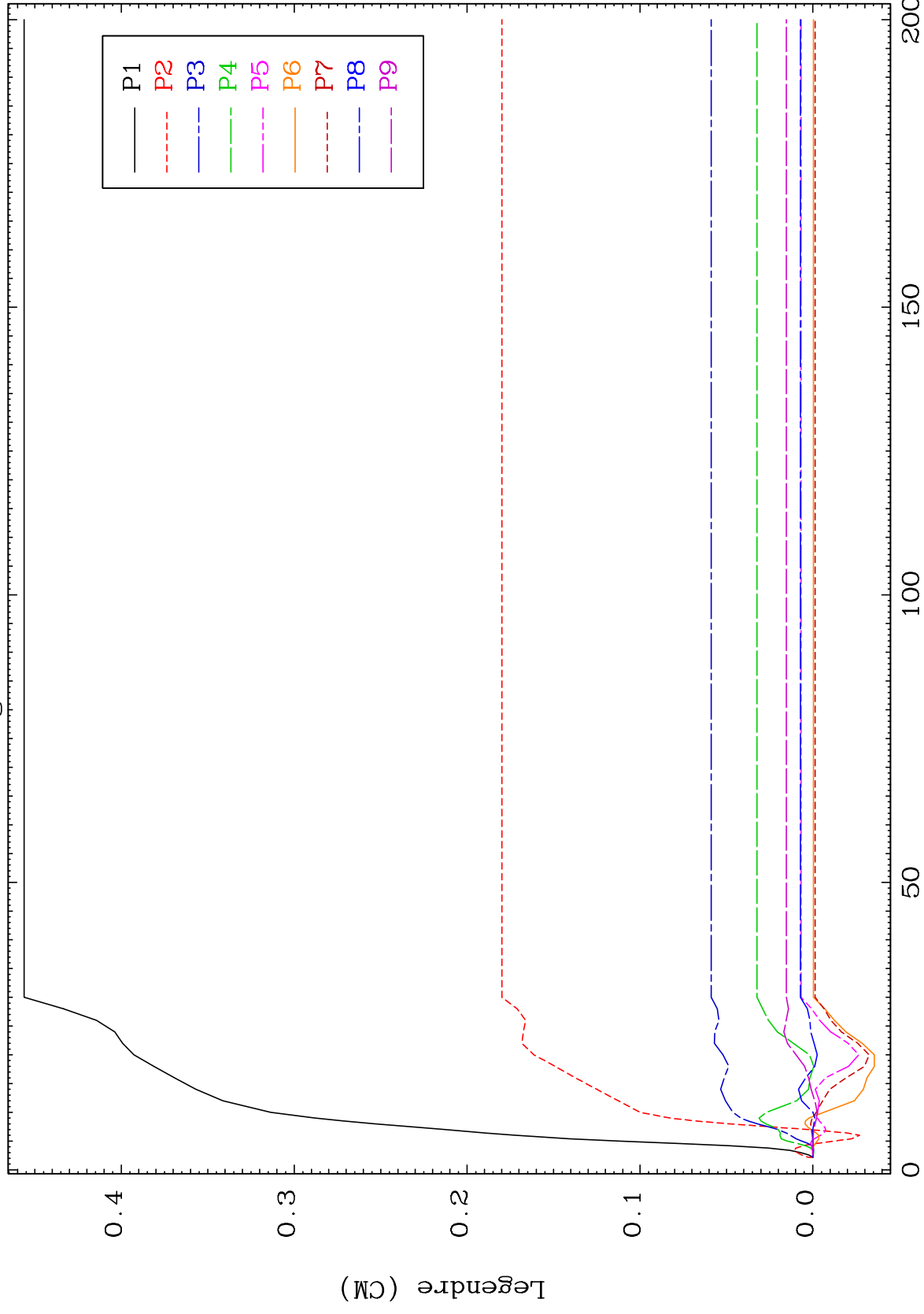
51-Sb-113



MAT 5101

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

51-Sb-113



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Incident Energy (MeV)

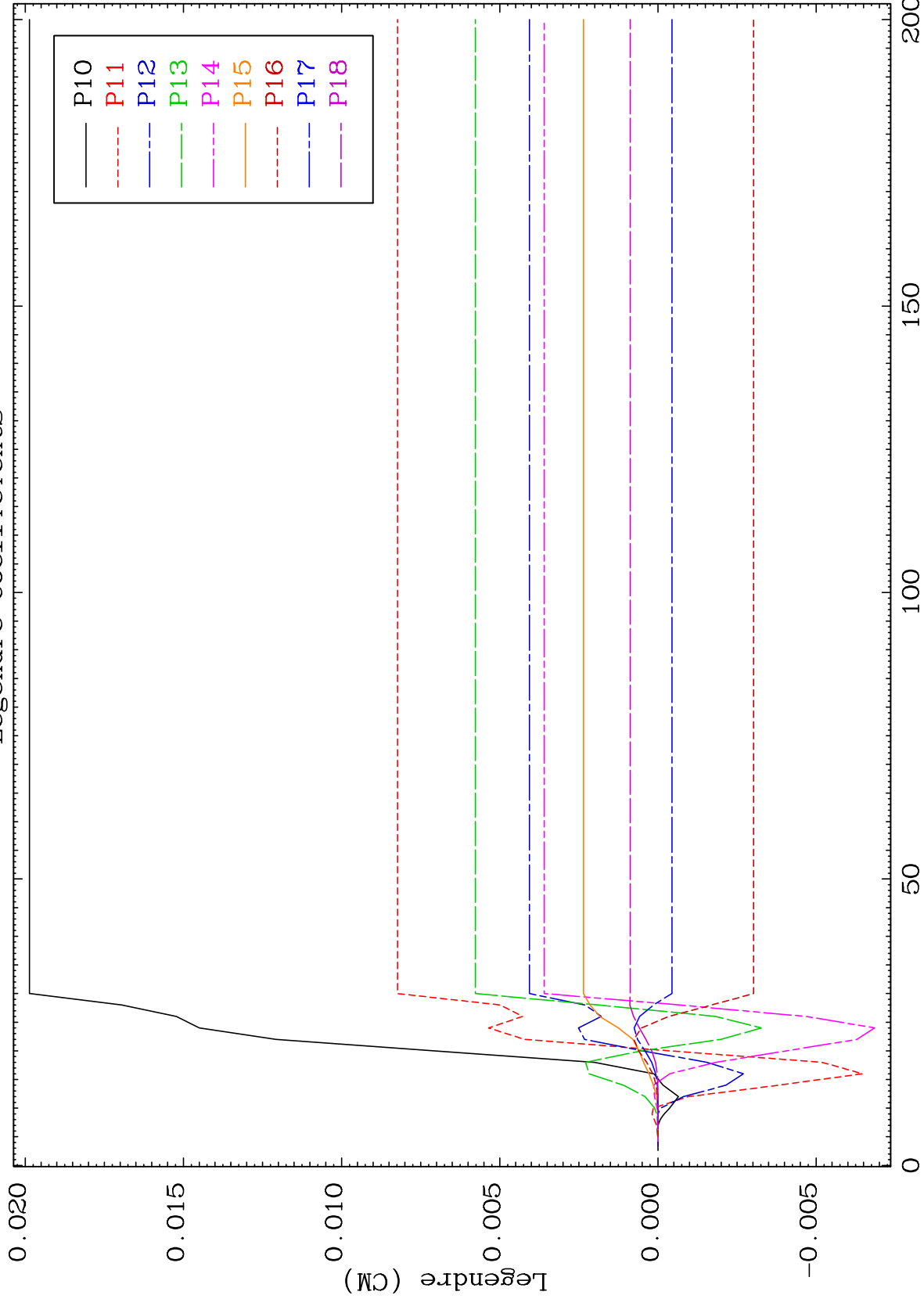
51-Sb-113



MAT 5101

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

51-Sb-113



72

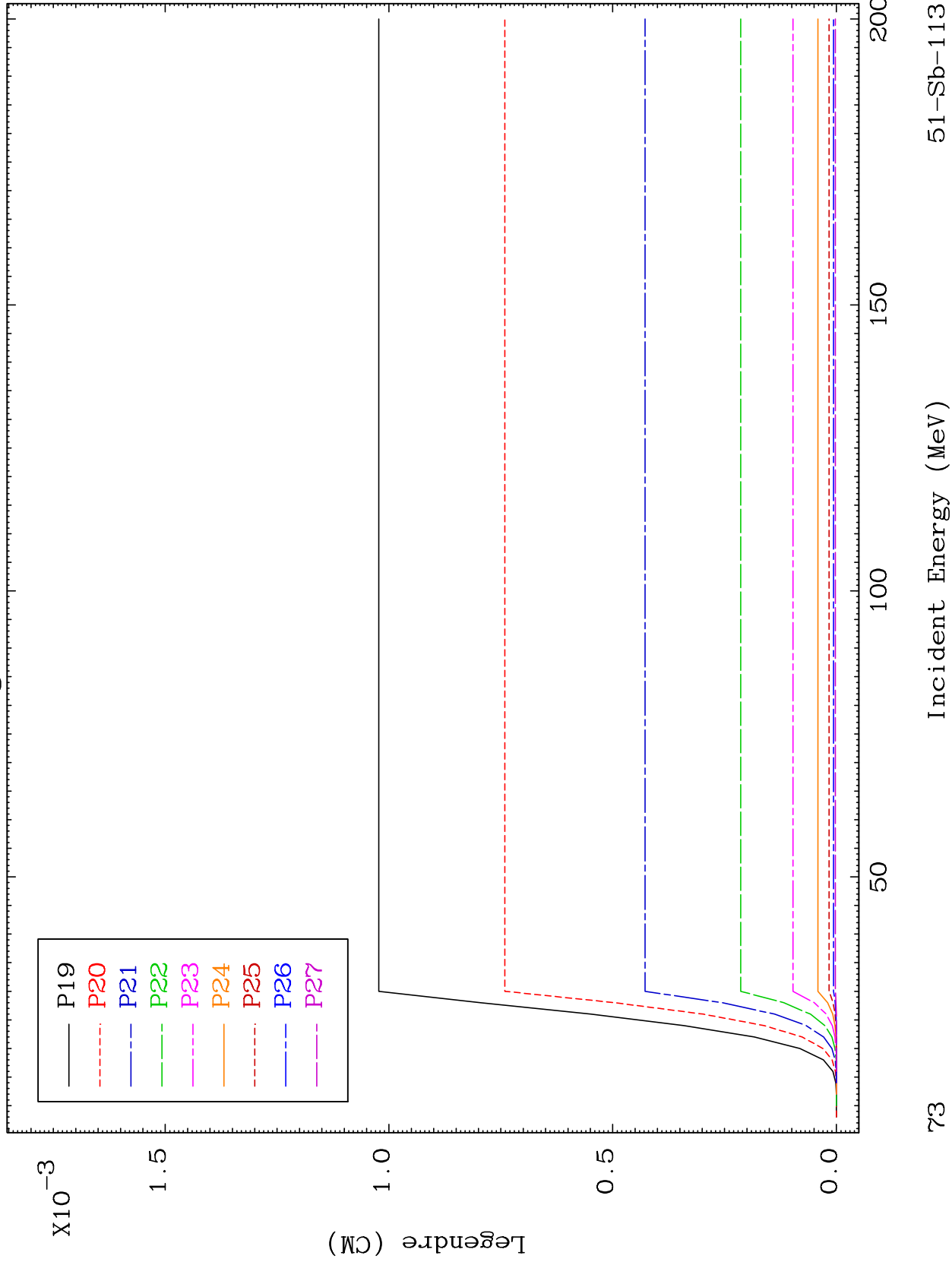
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

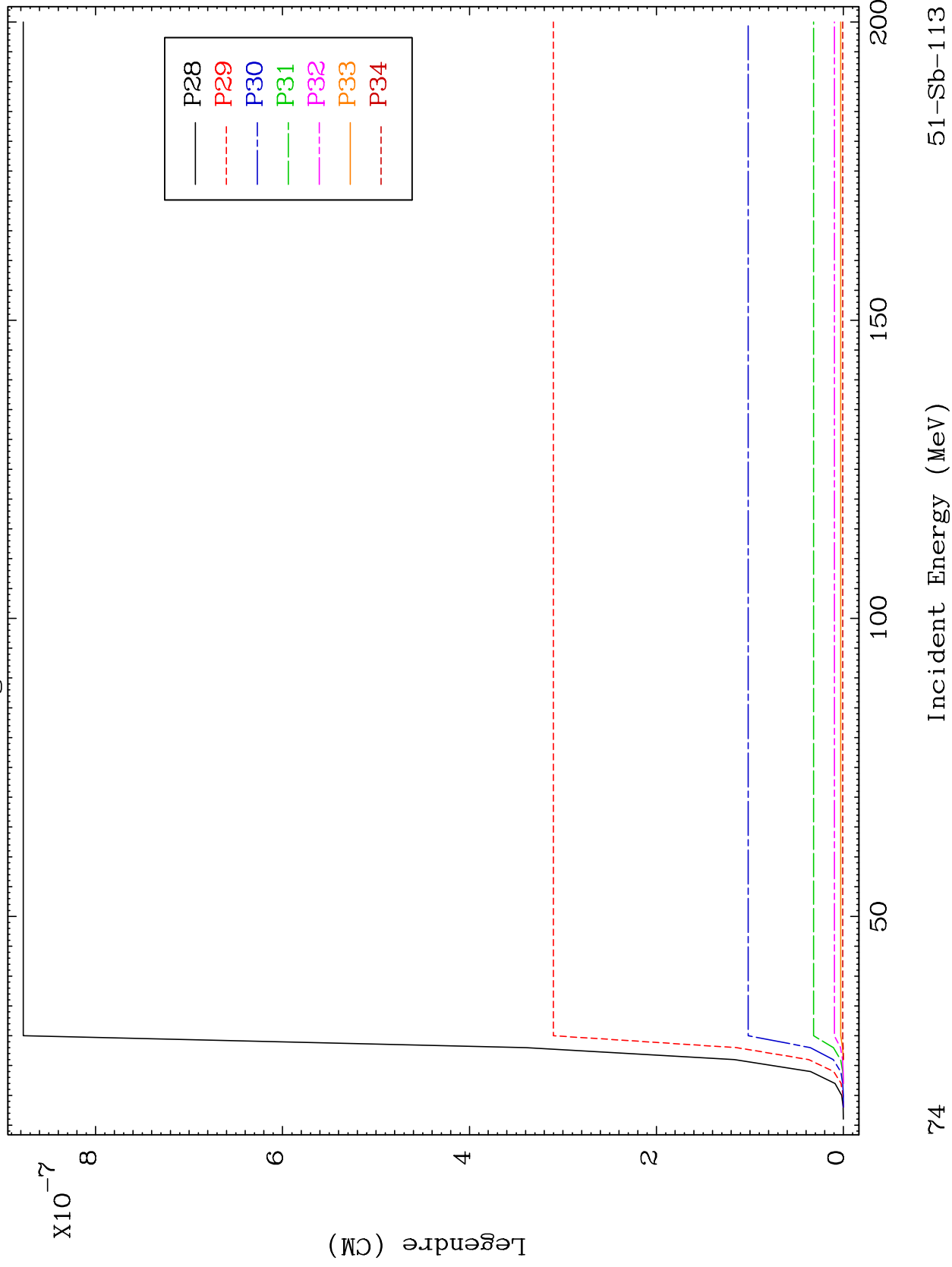
51-Sb-113



MAT 5101

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

51-Sb-113

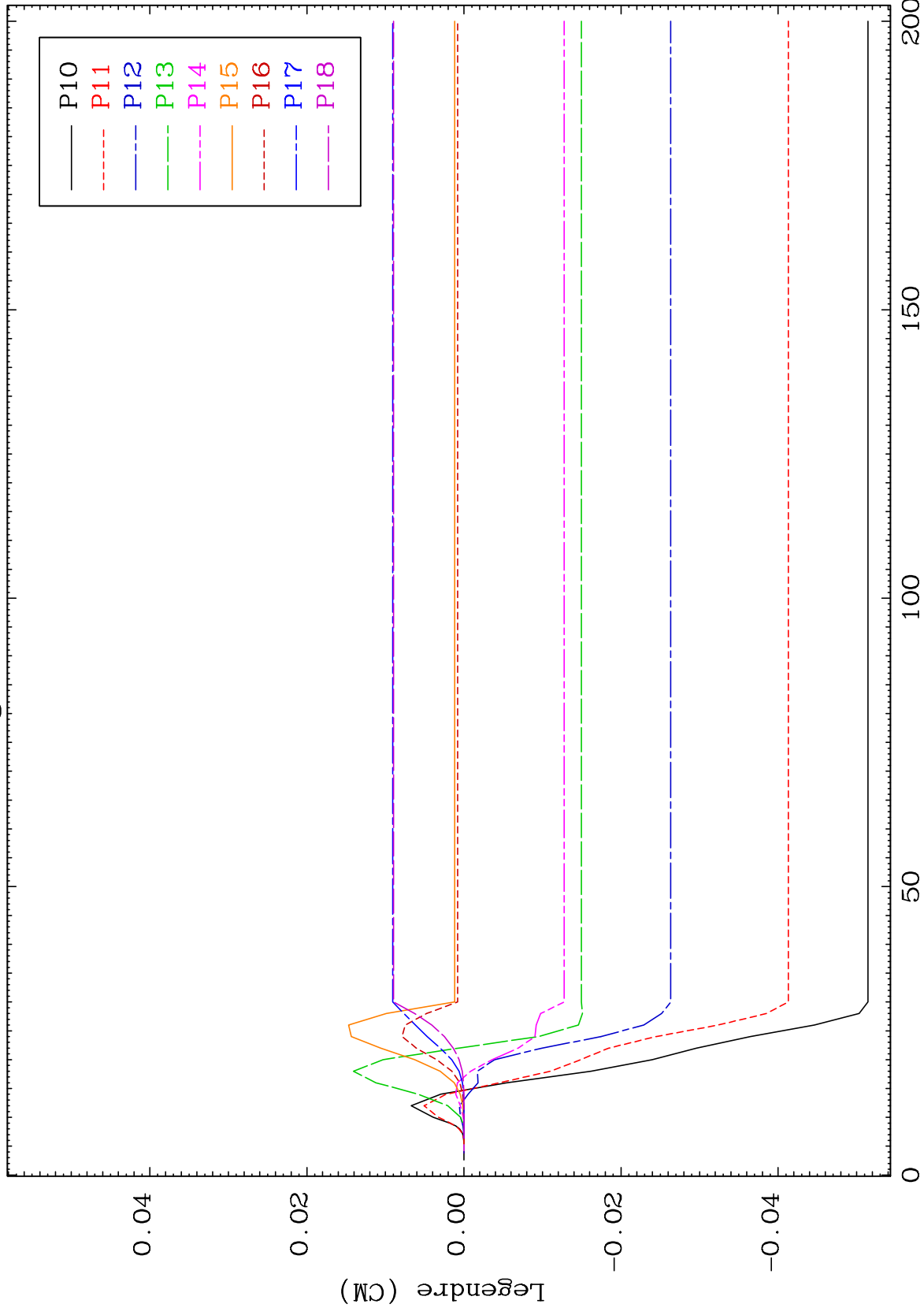




MAT 5101

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

51-Sb-113



76

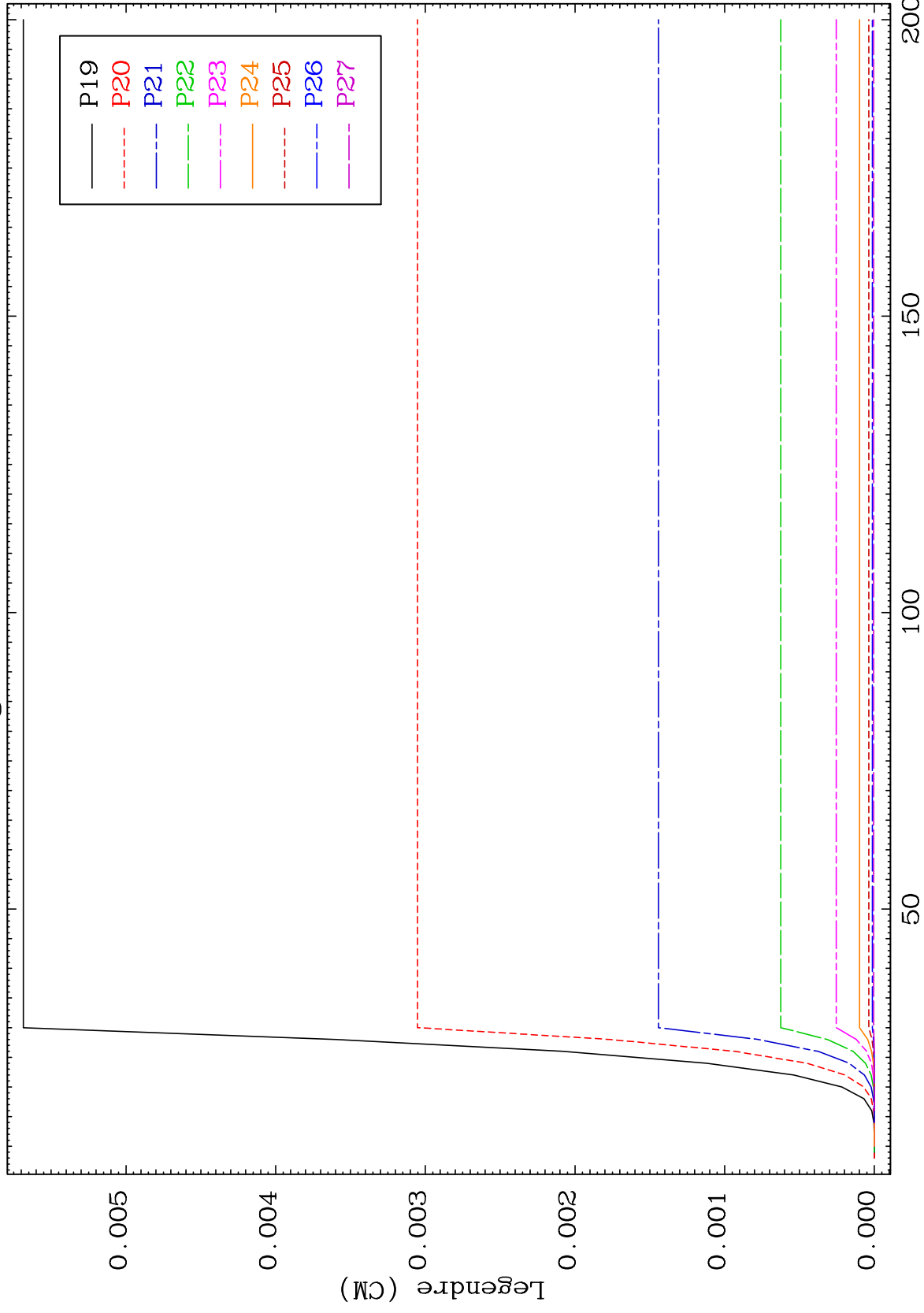
Incident Energy (MeV)

51-Sb-113

MAT 5101

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

51-Sb-113



77

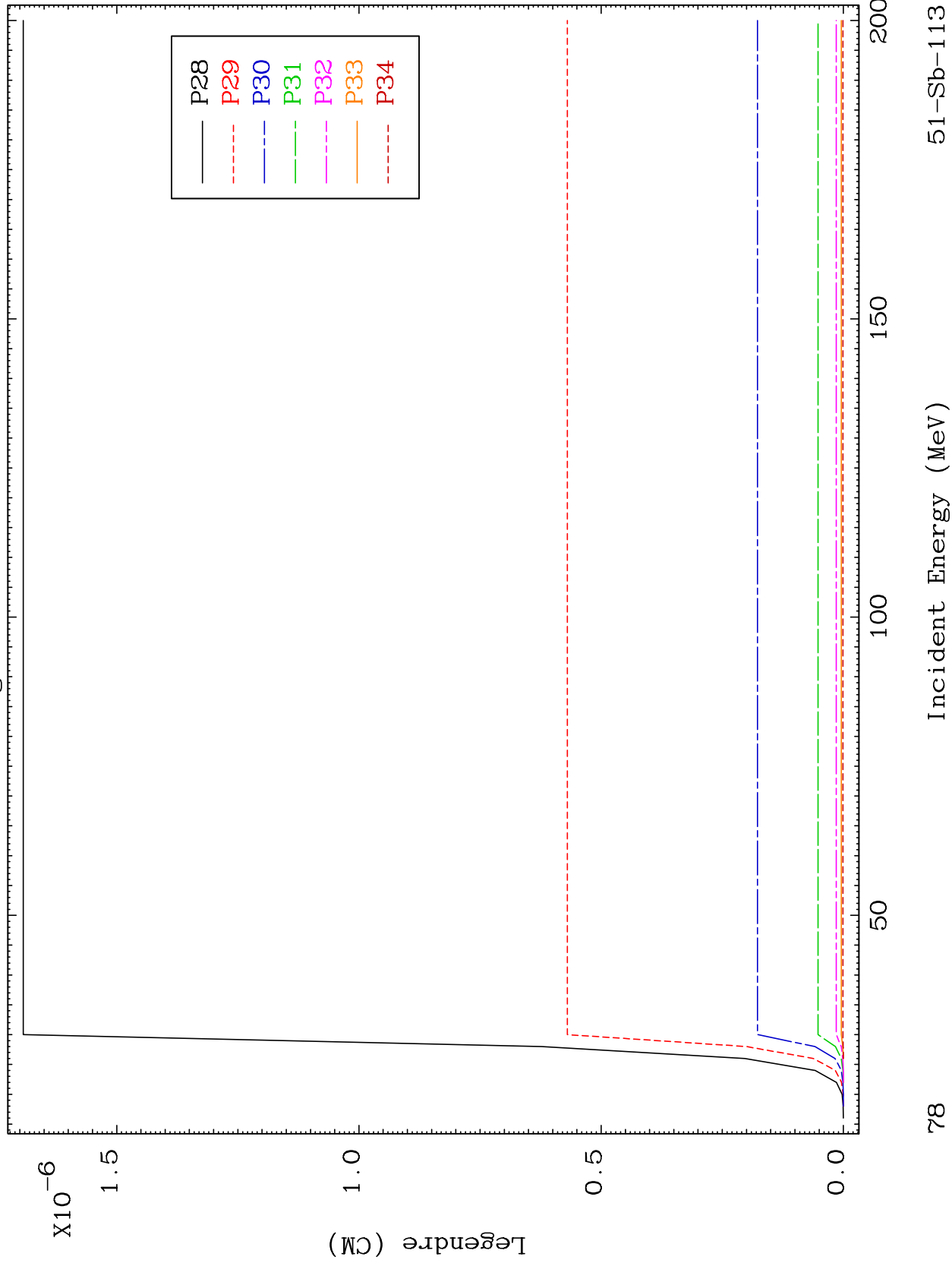
Incident Energy (MeV)

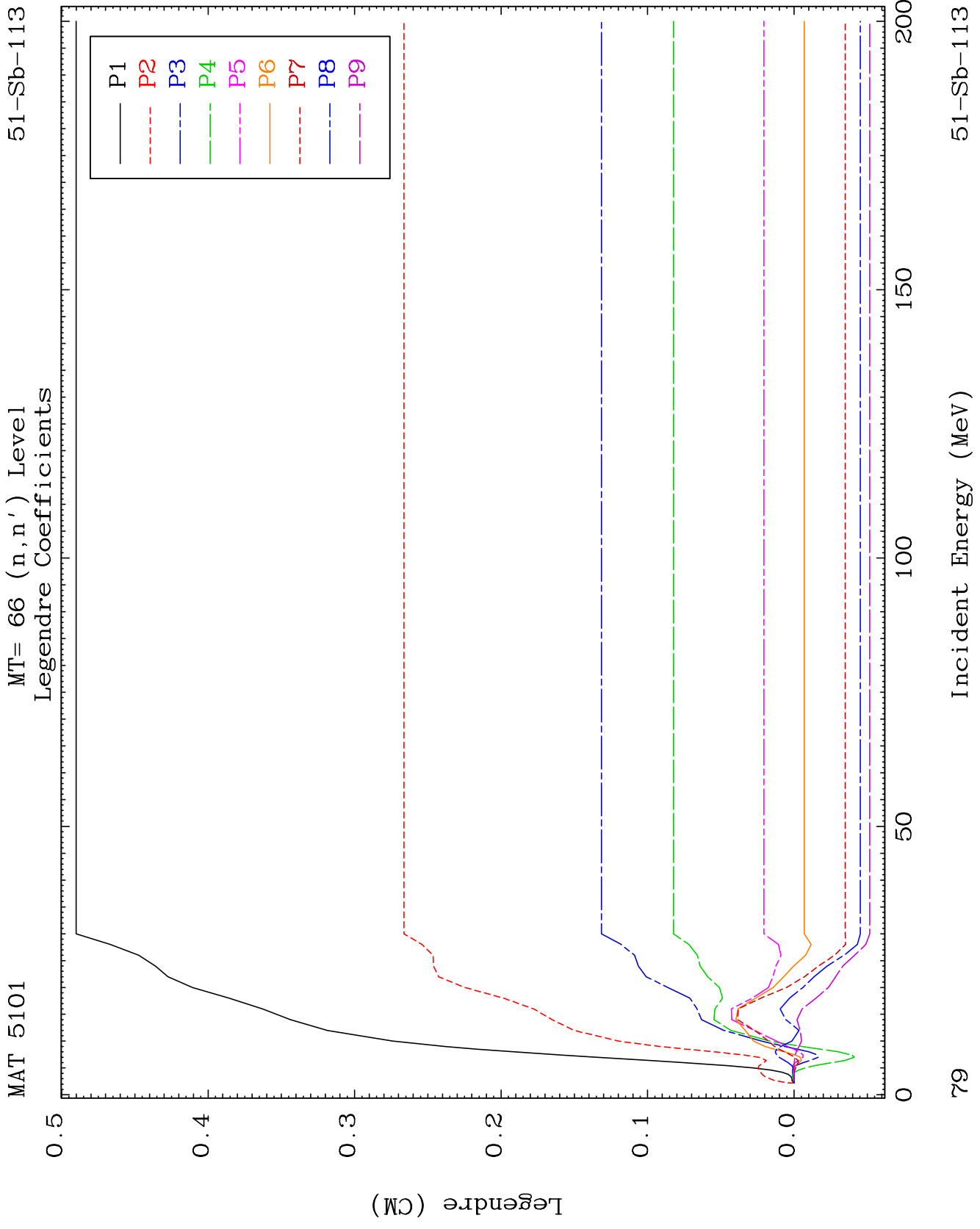
51-Sb-113

MAT 5101

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

51-Sb-113



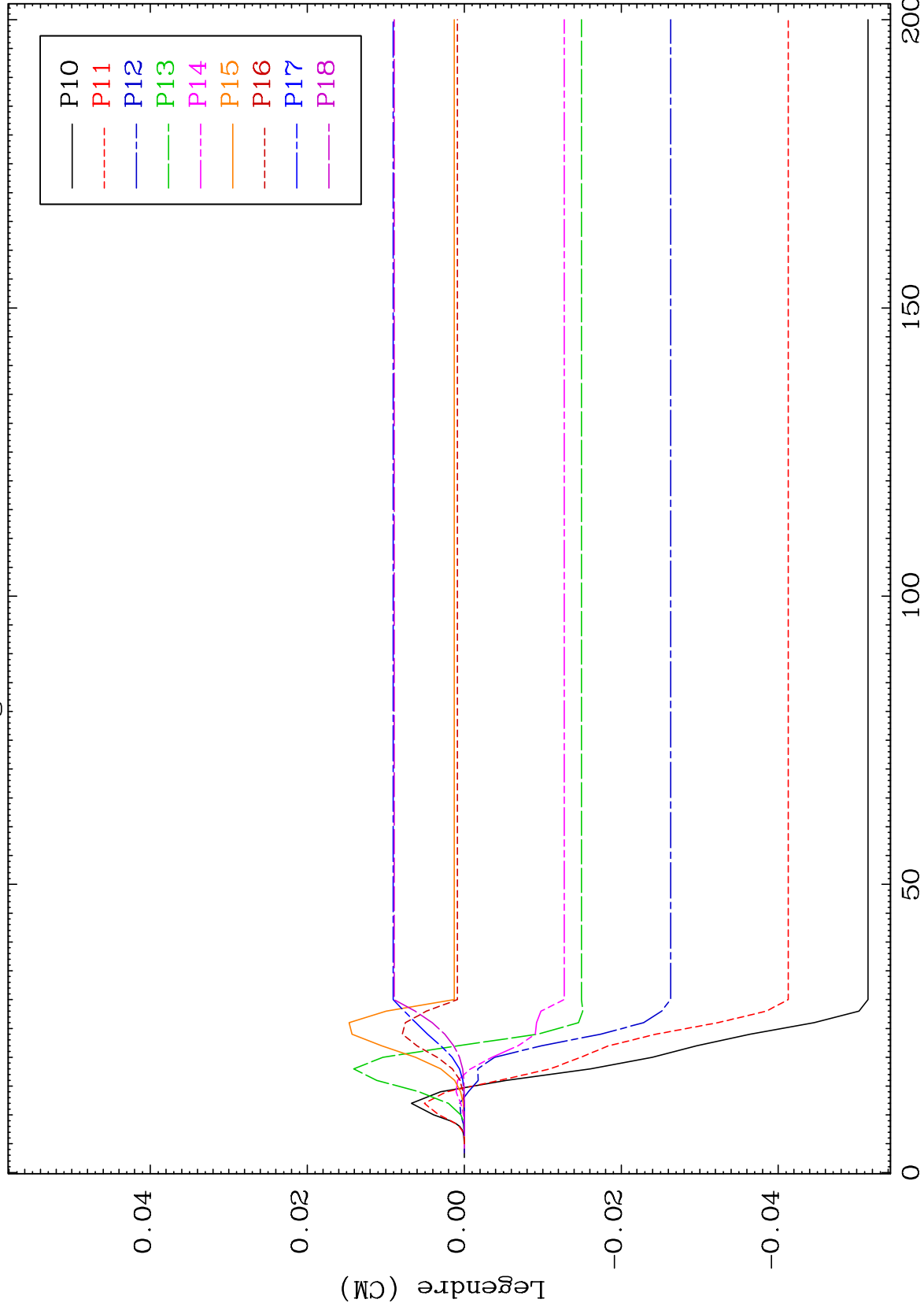




MAT 5101

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

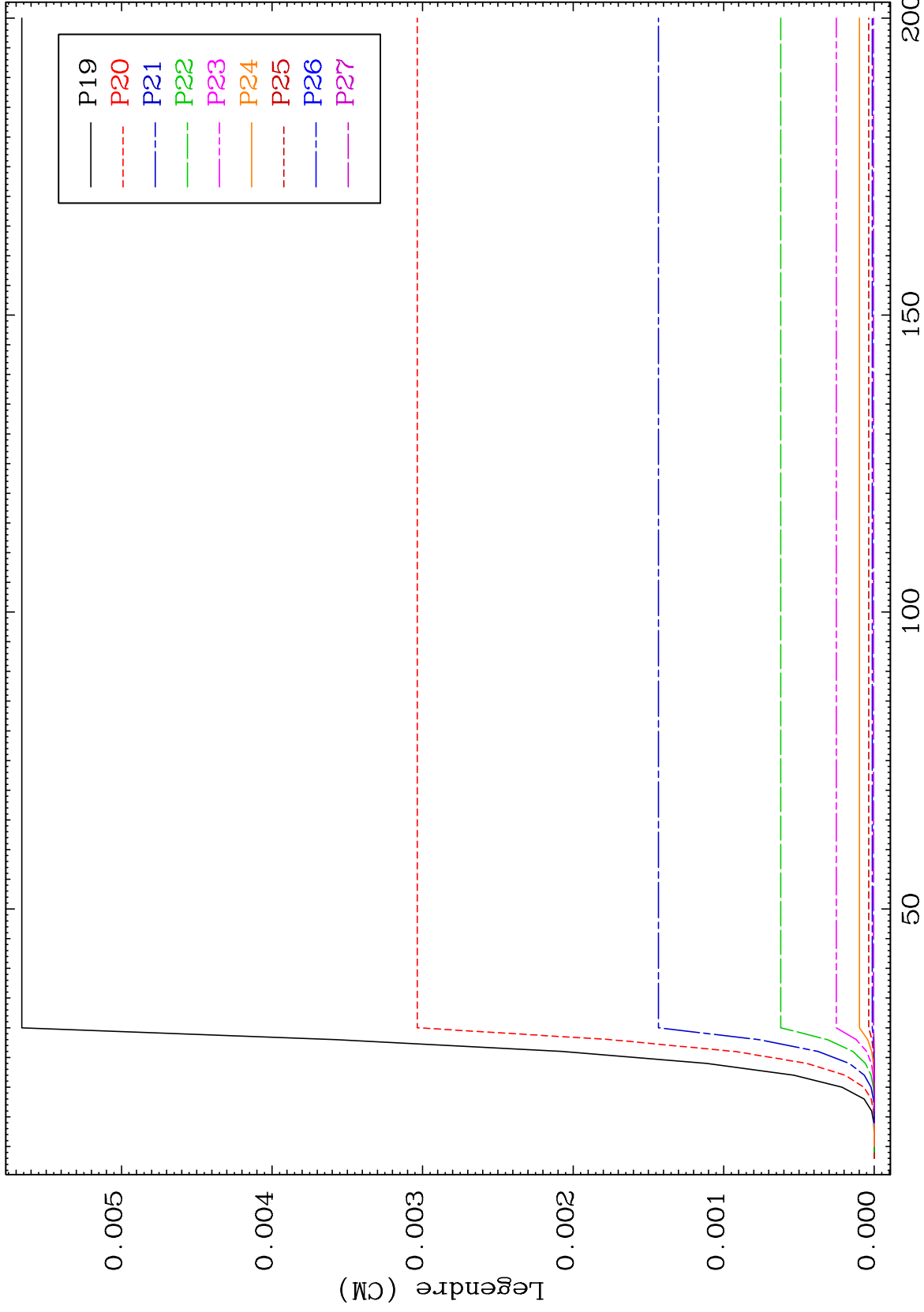
51-Sb-113



51-Sb-113

Incident Energy (MeV)

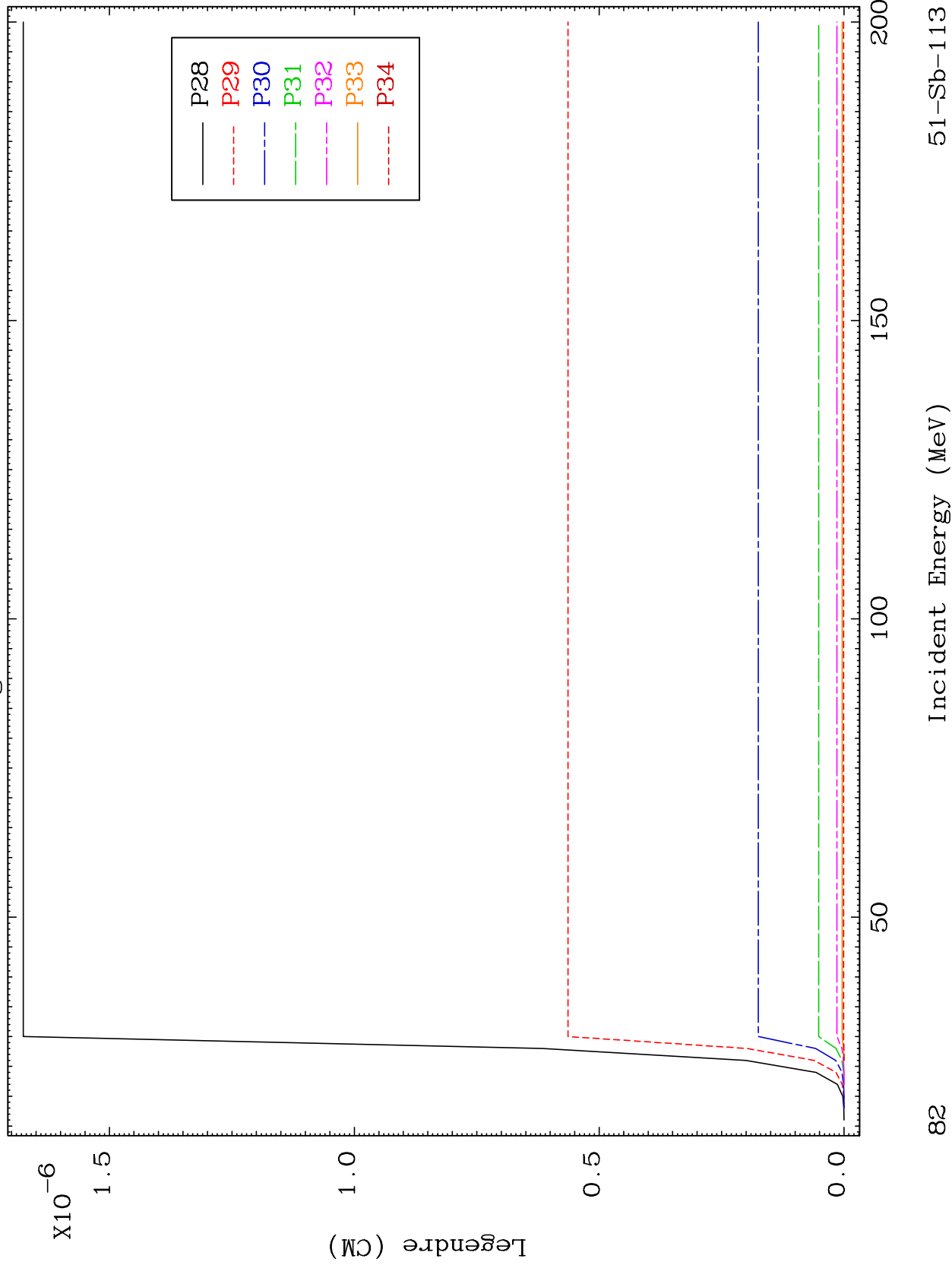
80



MAT 5101

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

51-Sb-113

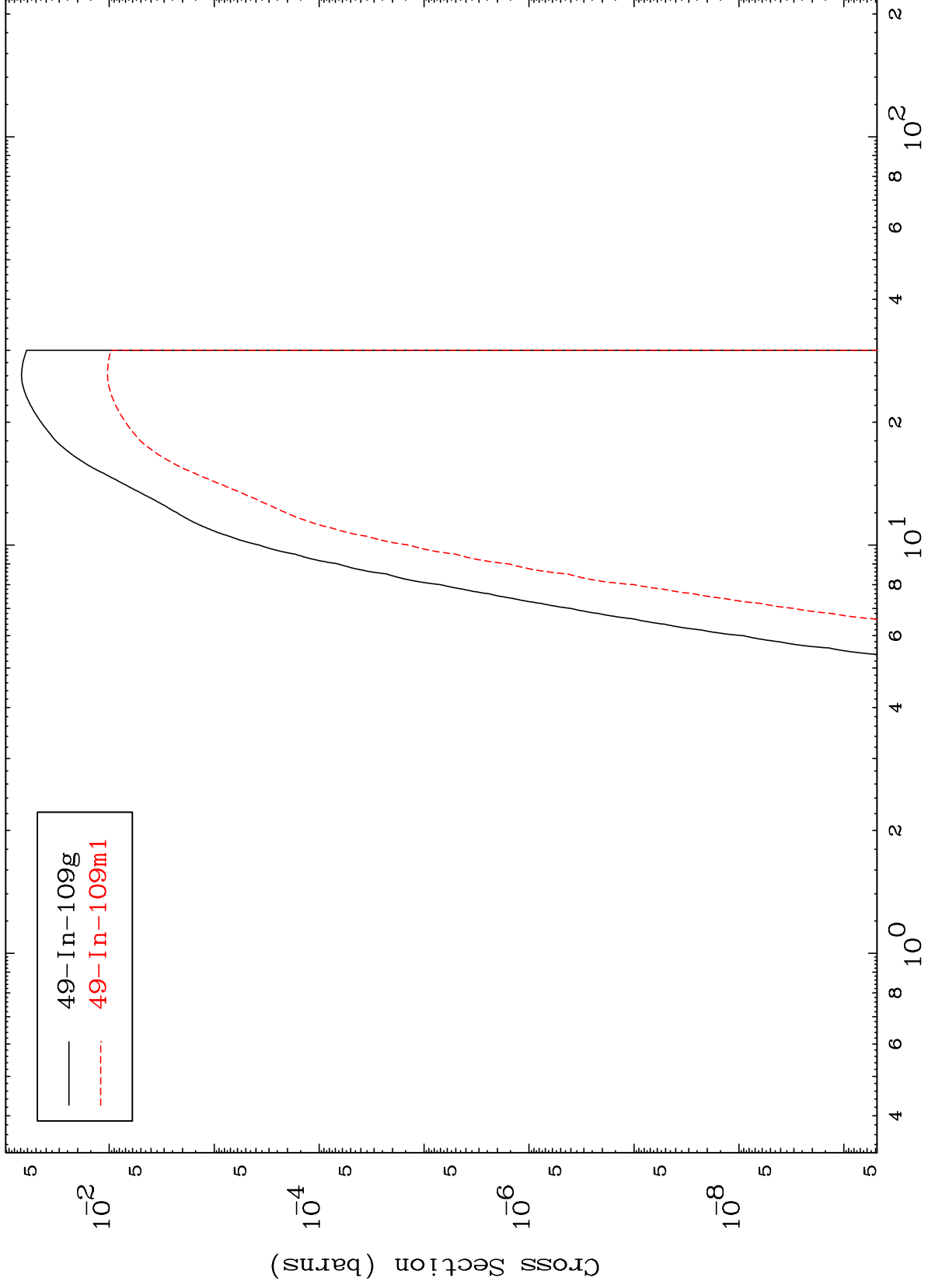


MAT 5101

(n,n')  $\alpha$

51-Sb-113

Radionuclide Production Cross Section

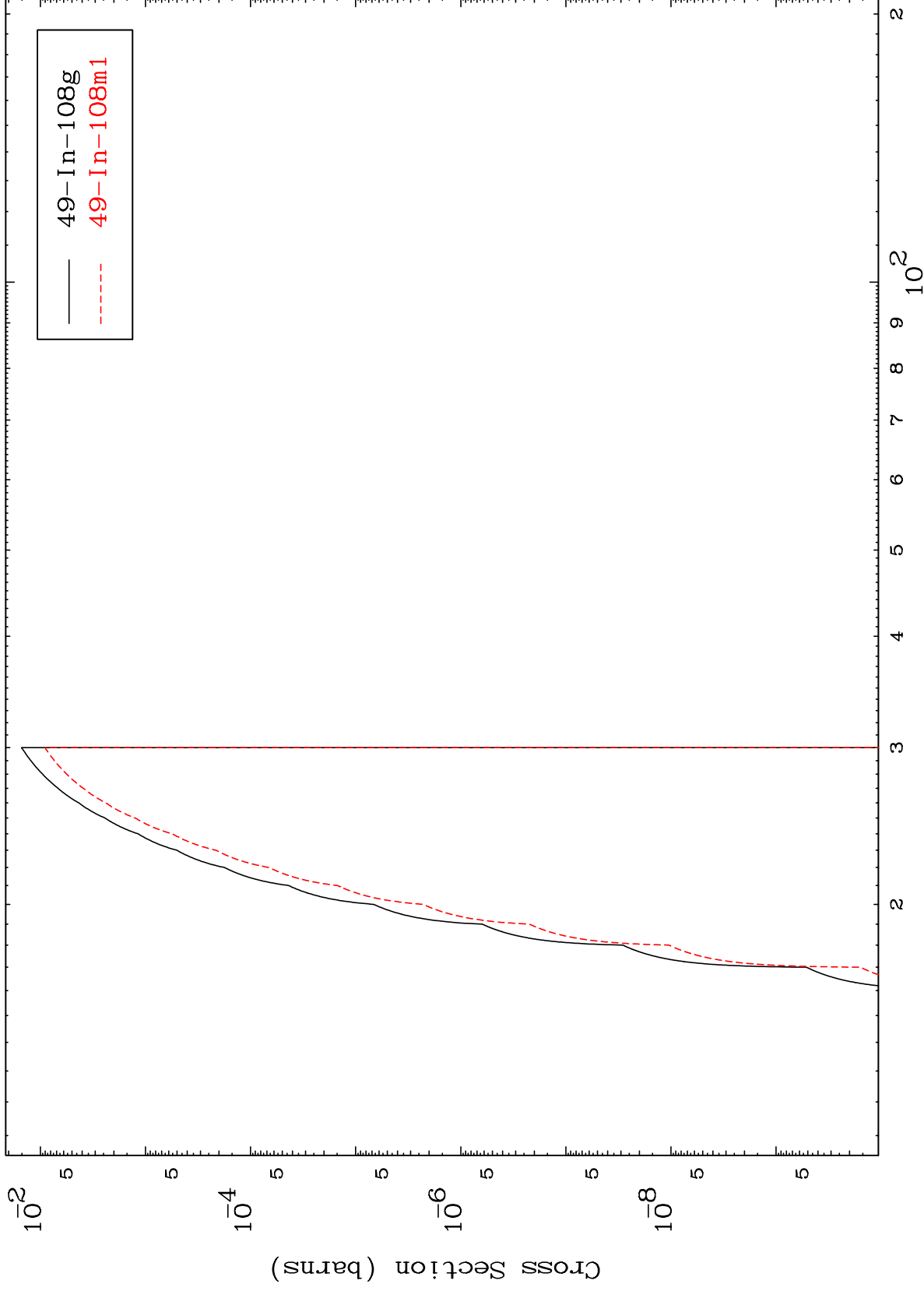


83

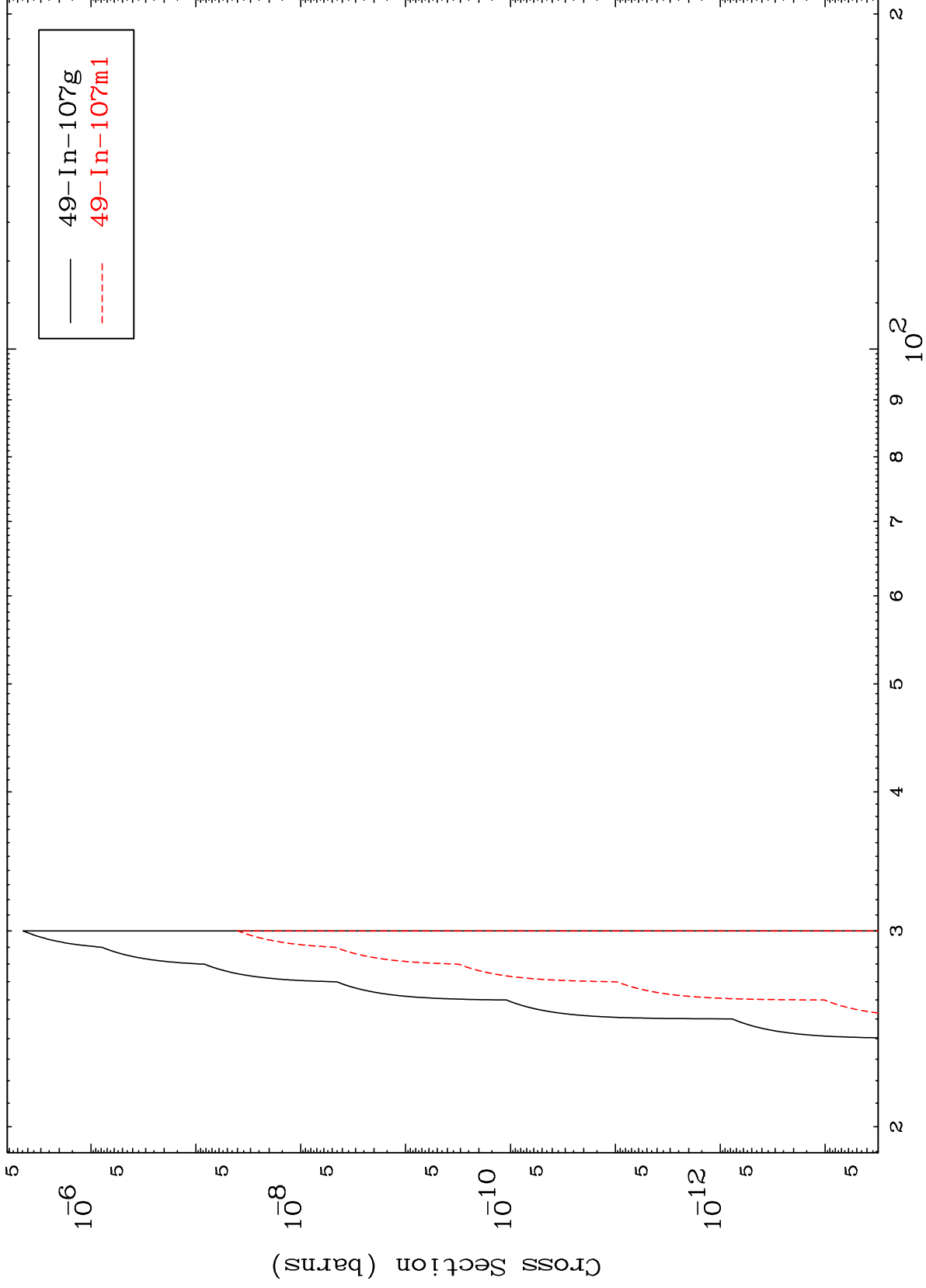
Incident Energy (MeV)

51-Sb-113

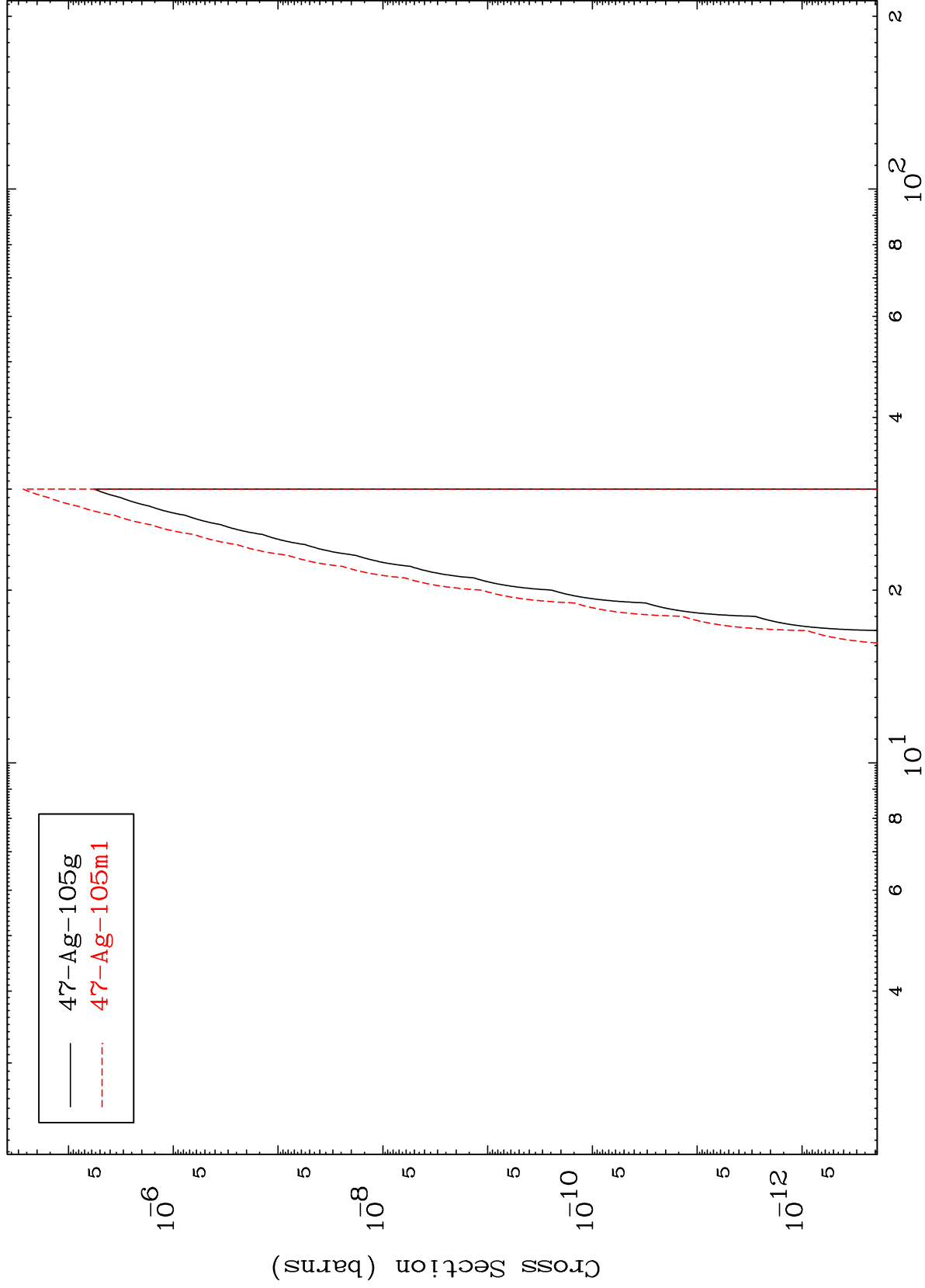
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

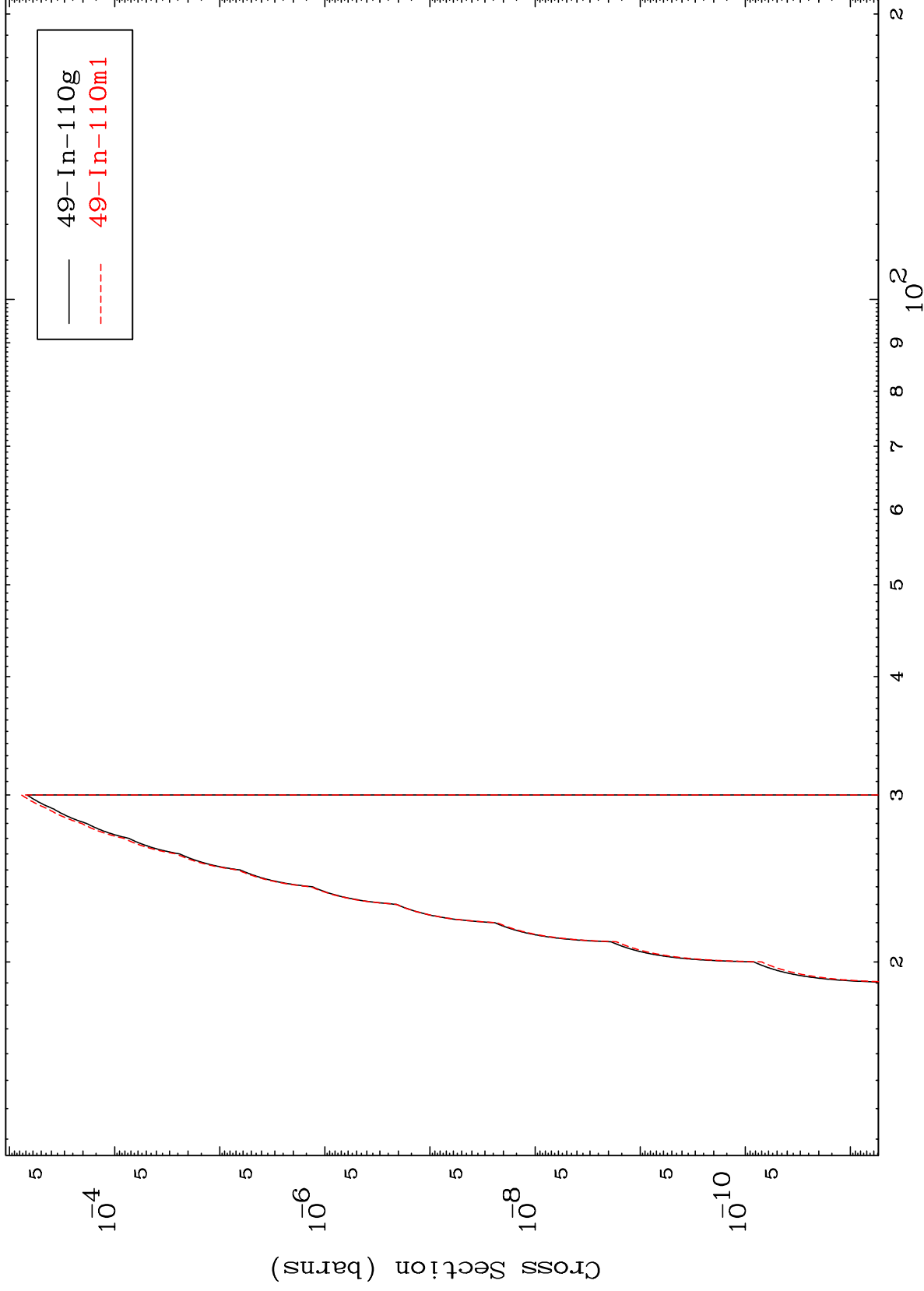


MAT 5101

(n,n') He-3

51-Sb-113

Radionuclide Production Cross Section



87

Incident Energy (MeV)

51-Sb-113

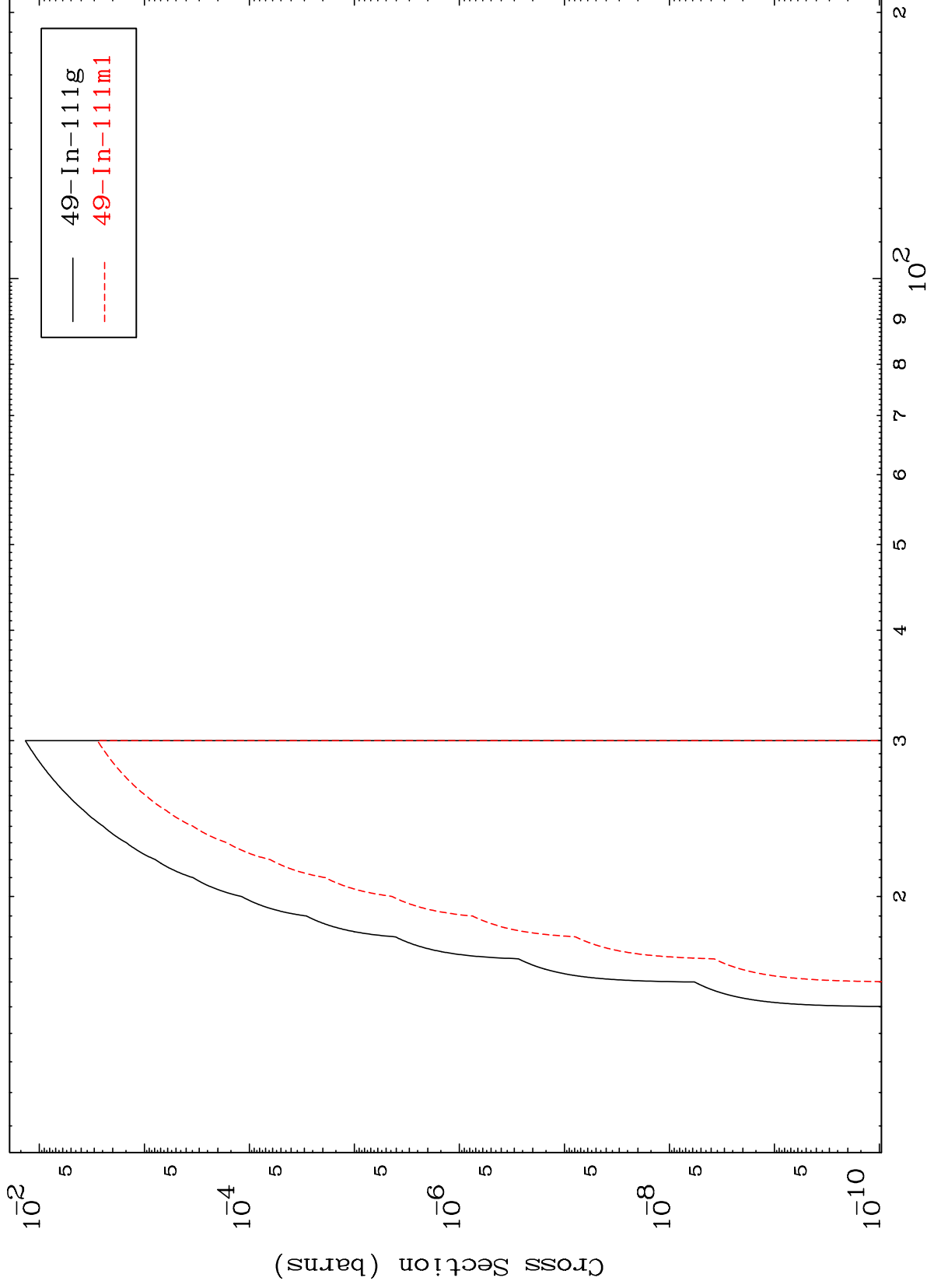


MAT 5101

(n,2n) p

51-Sb-113

Radionuclide Production Cross Section



88

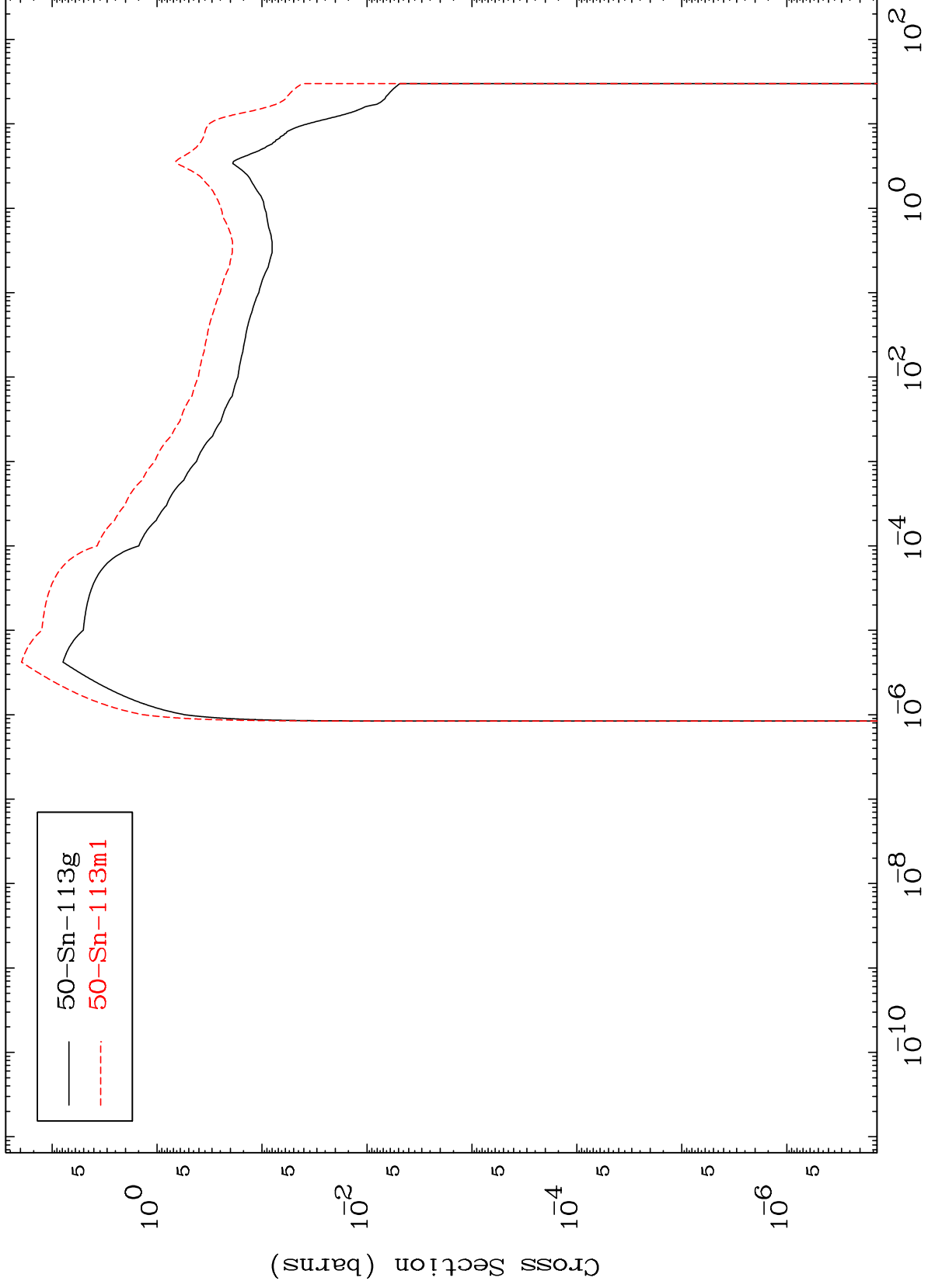
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,p)  
Radionuclide Production Cross Section

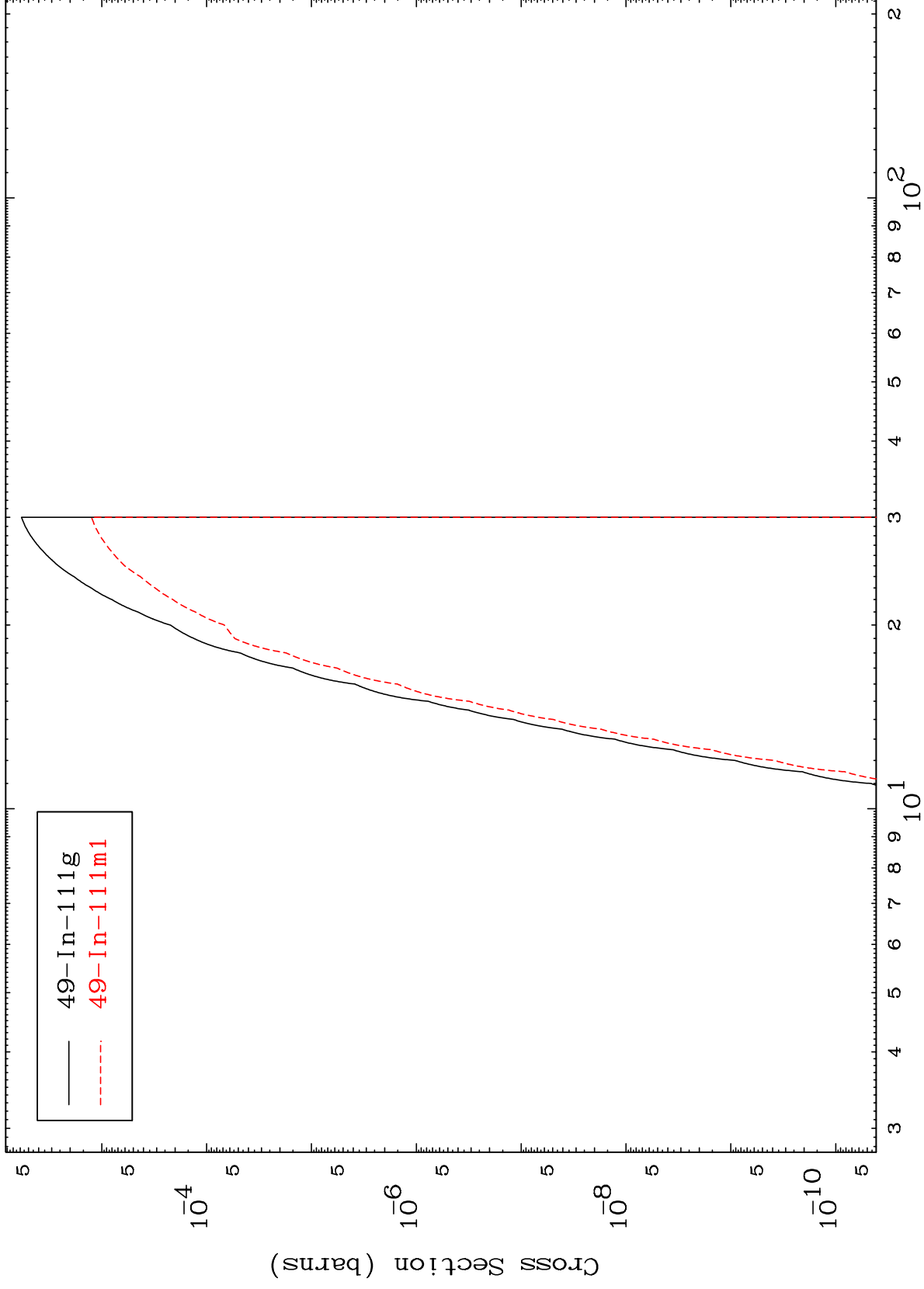


— 50-Sn-113g  
- - - 50-Sn-113m1

MAT 5101

51-Sb-113

(n,He-3)  
Radionuclide Production Cross Section



90

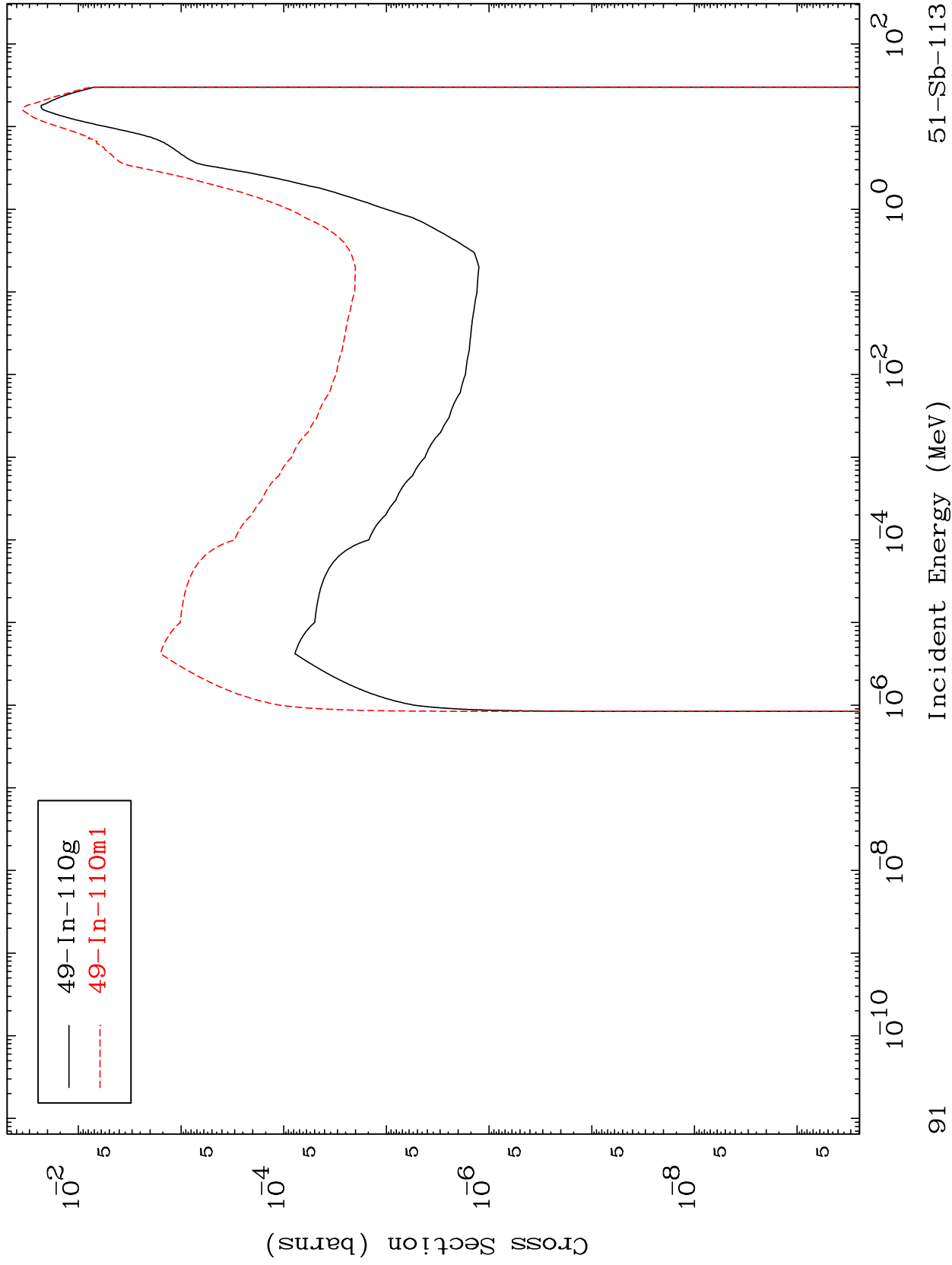
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

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

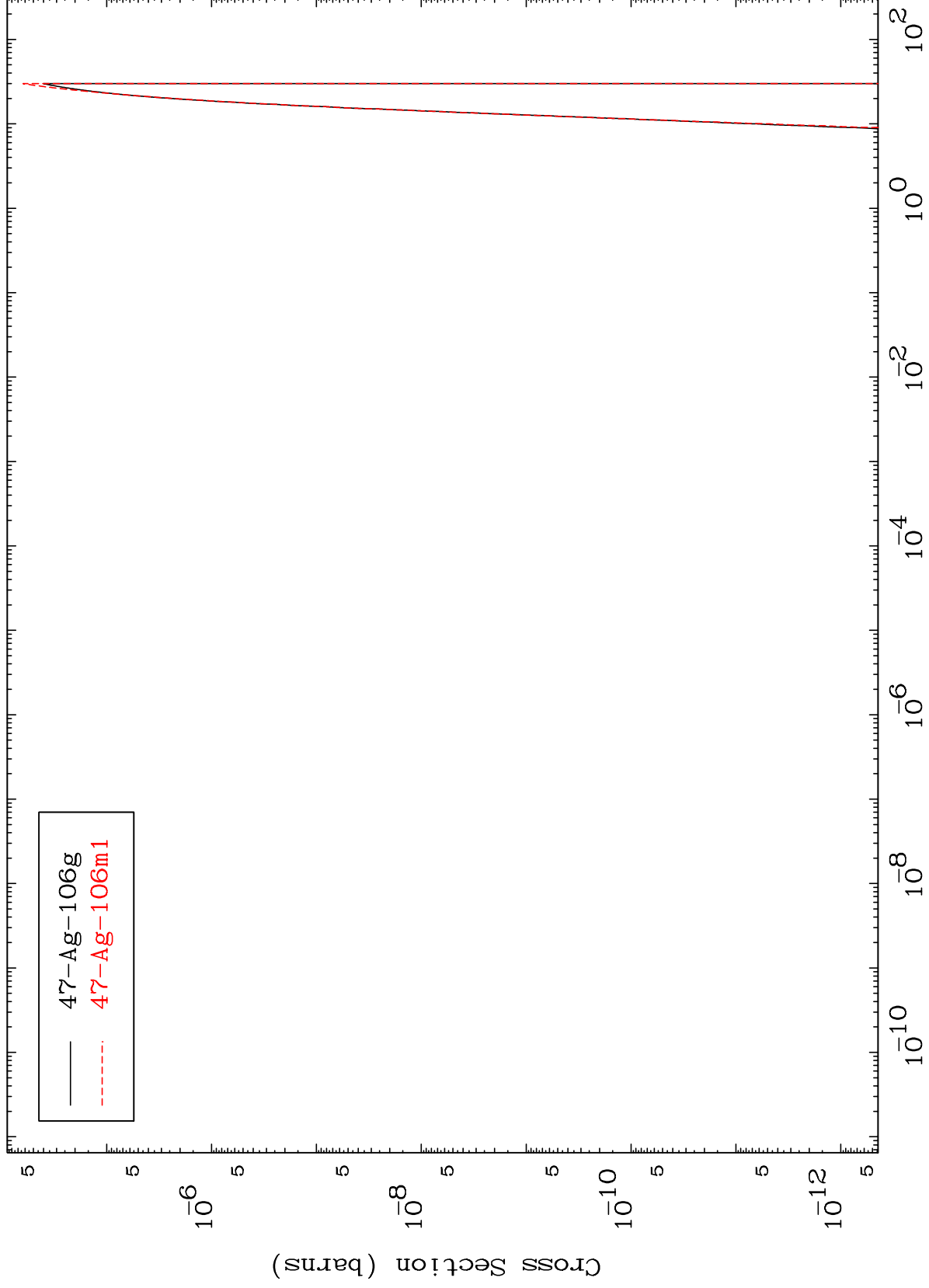


MAT 5101

(n,2α)

51-Sb-113

Radionuclide Production Cross Section



92

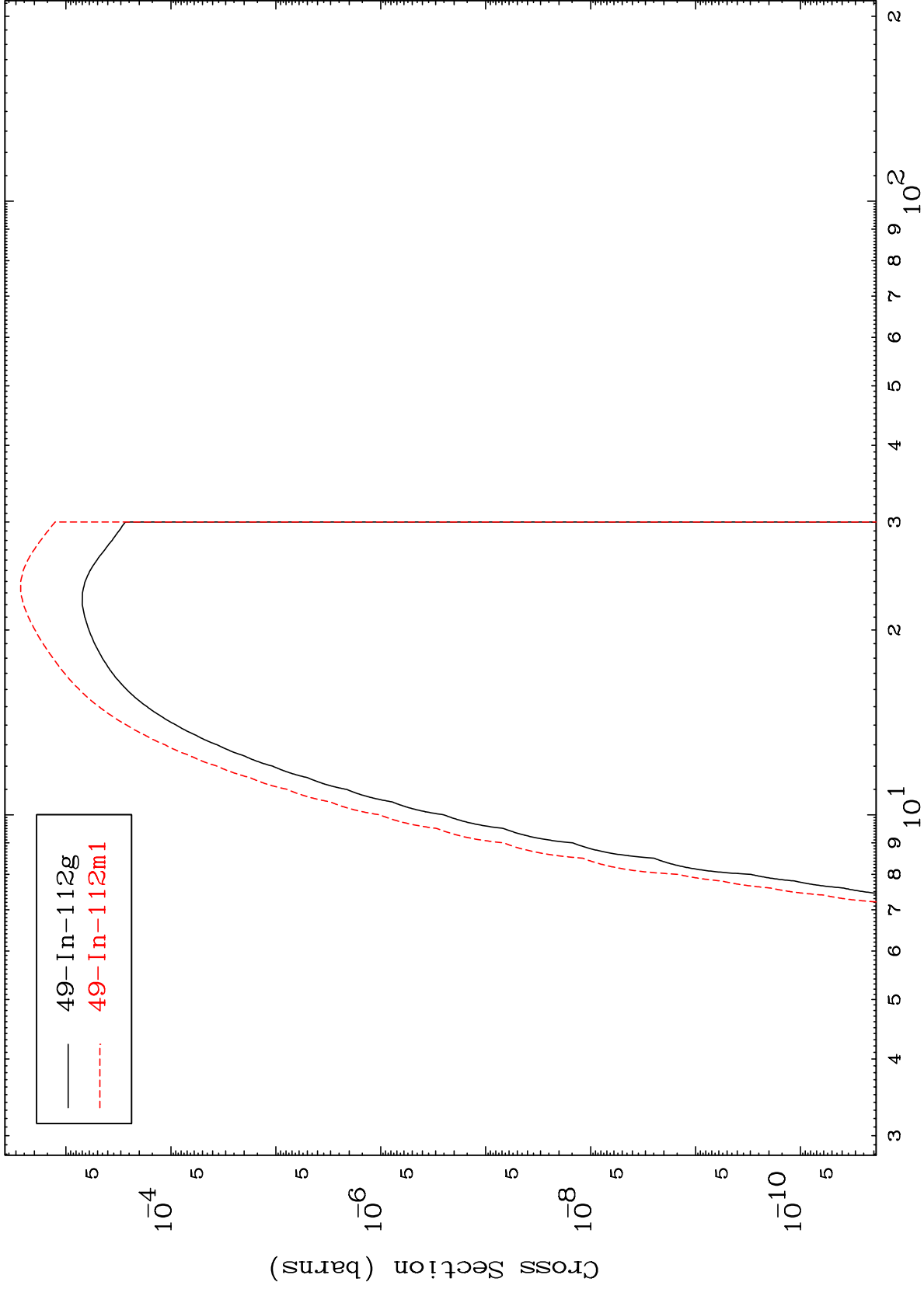
Incident Energy (MeV)

51-Sb-113

MAT 5101

51-Sb-113

(n,2p)  
Radionuclide Production Cross Section



93

Incident Energy (MeV)

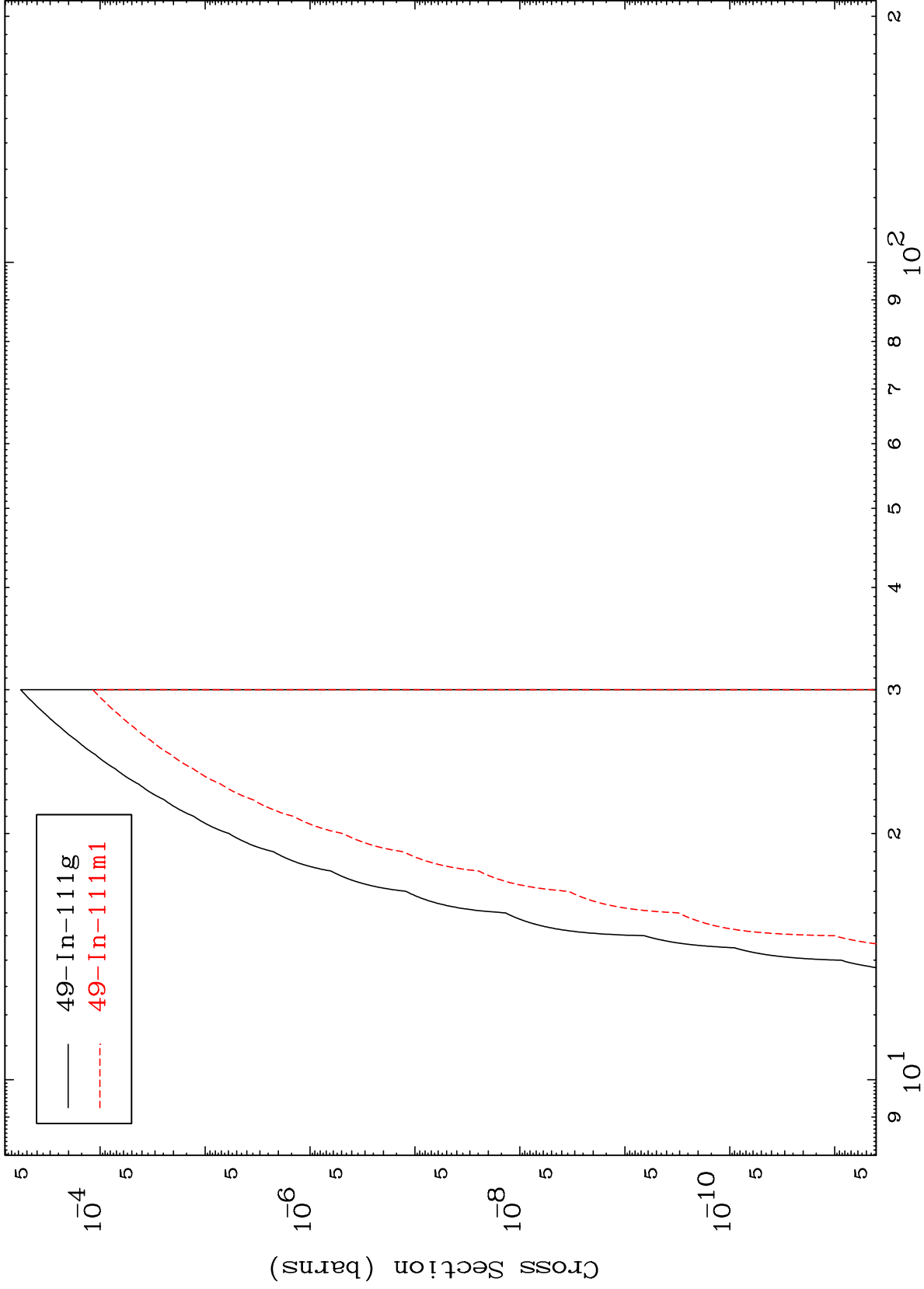
51-Sb-113

MAT 5101

(n,p) d

51-Sb-113

Radionuclide Production Cross Section



94

Incident Energy (MeV)

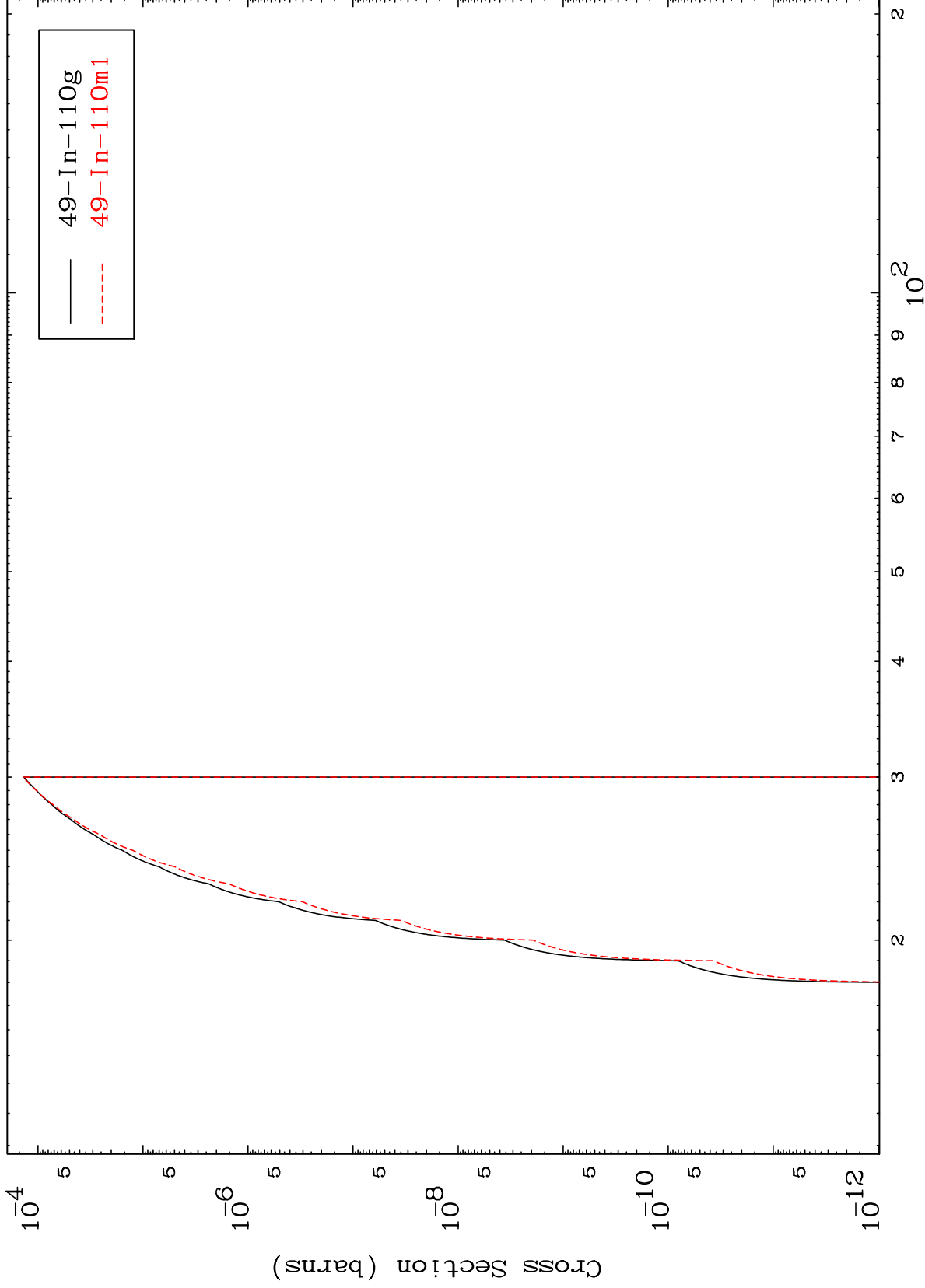
51-Sb-113

MAT 5101

(n,p) t

51-Sb-113

Radionuclide Production Cross Section



95

Incident Energy (MeV)

51-Sb-113