

Program EVALPLOT  
(Version 2021-1)

by

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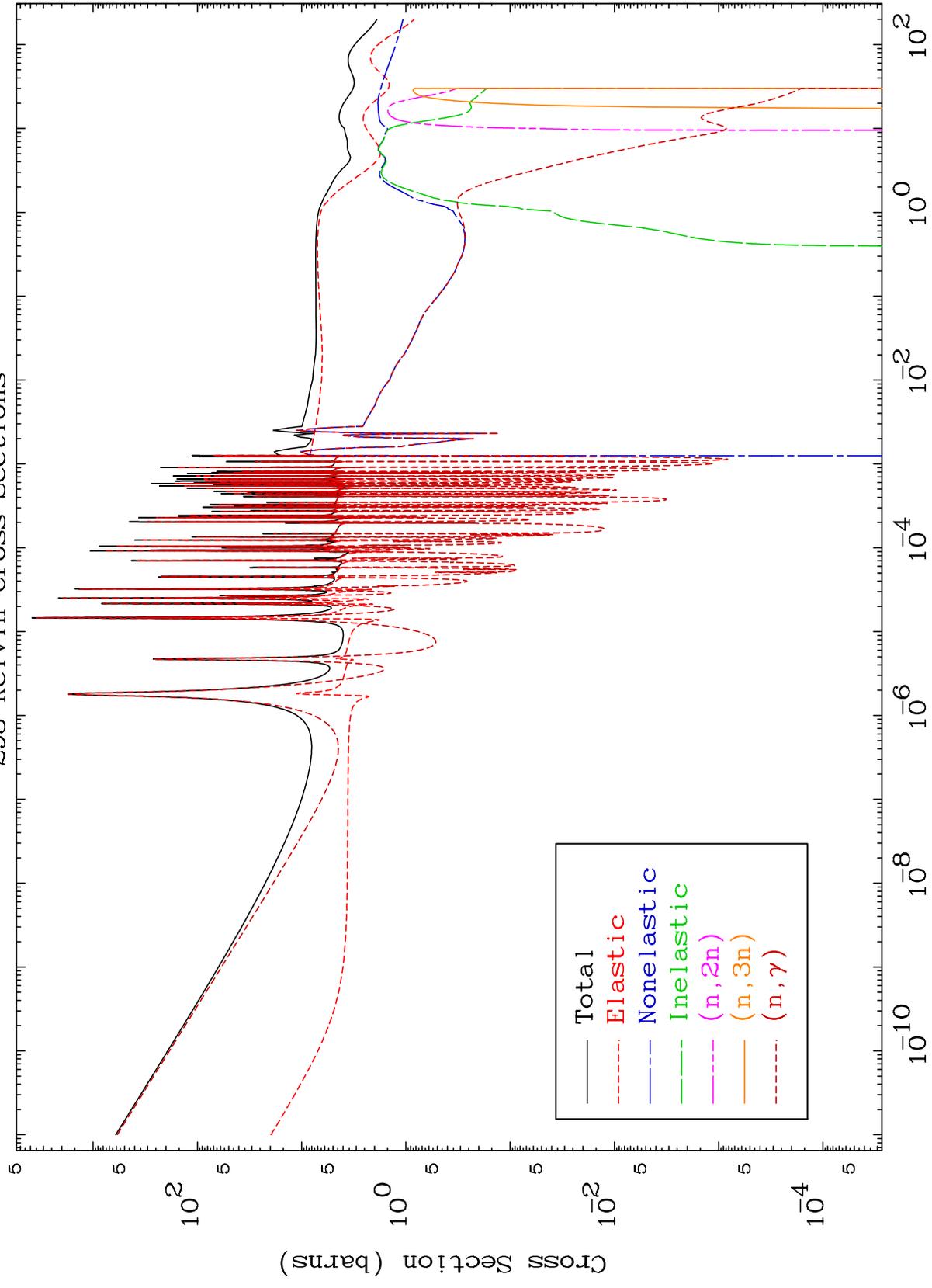
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Web:redcullen1.net/HOMEPAGE.NEW

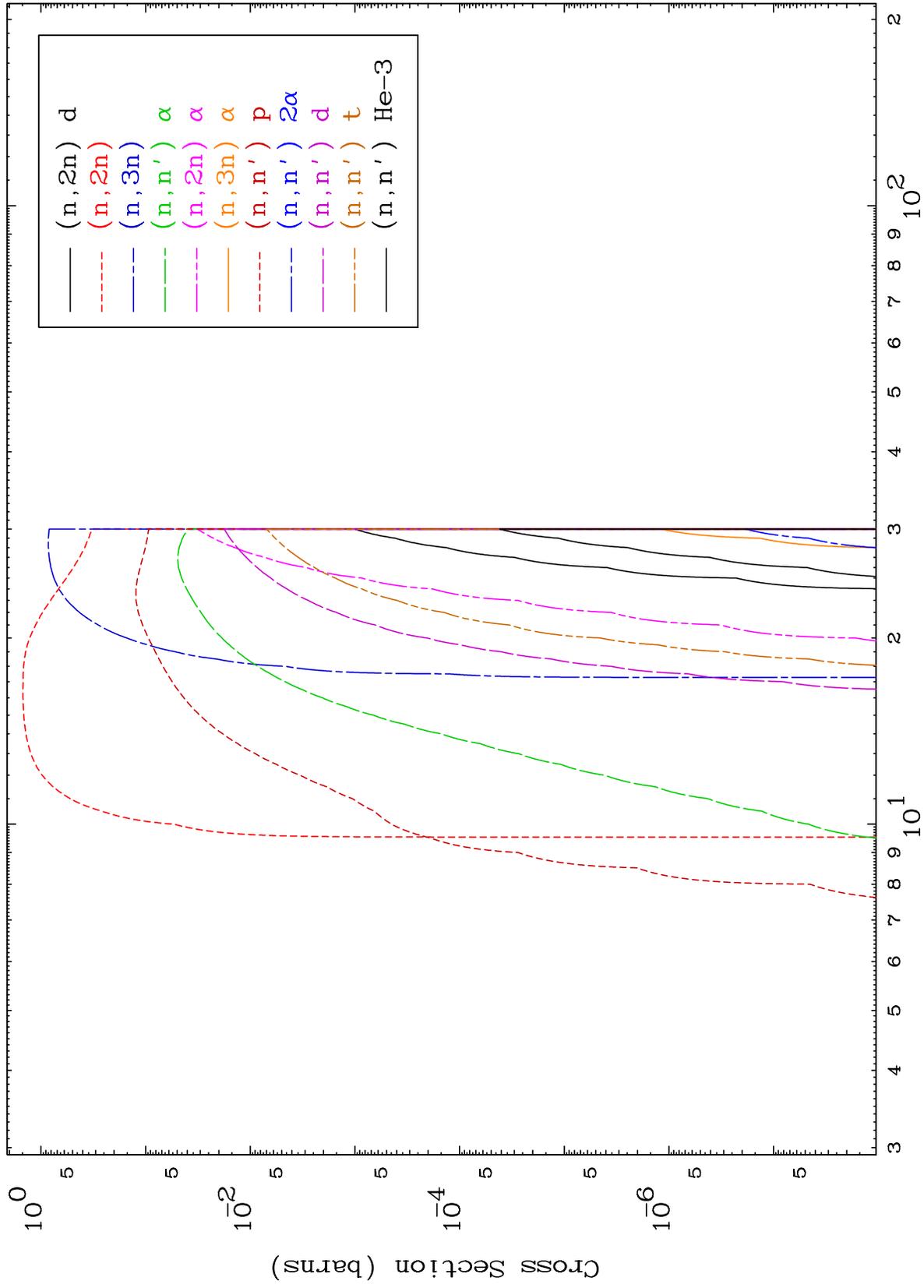
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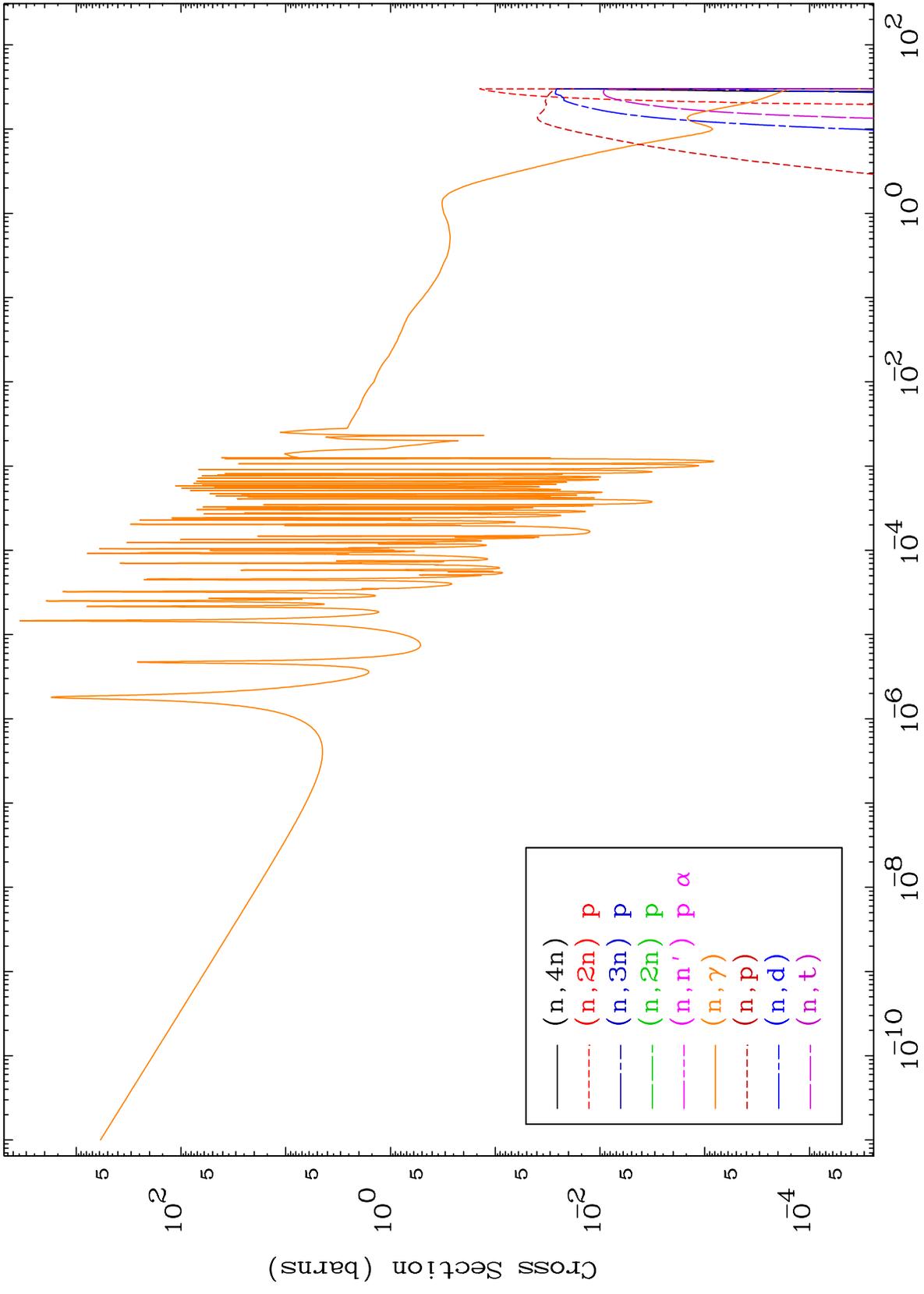
MAT 4925

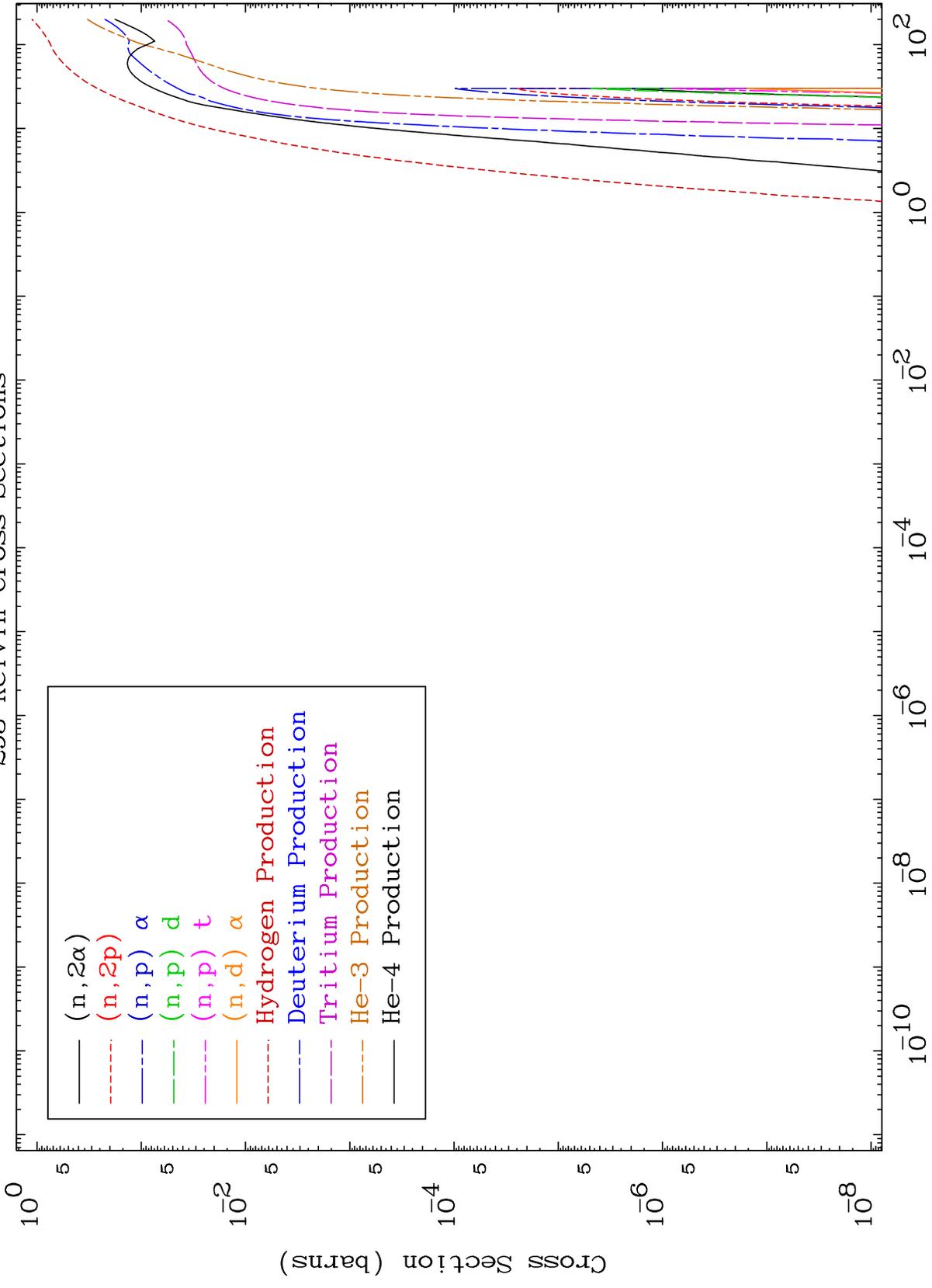
Neutron Major  
293 Kelvin Cross Sections

49-In-113





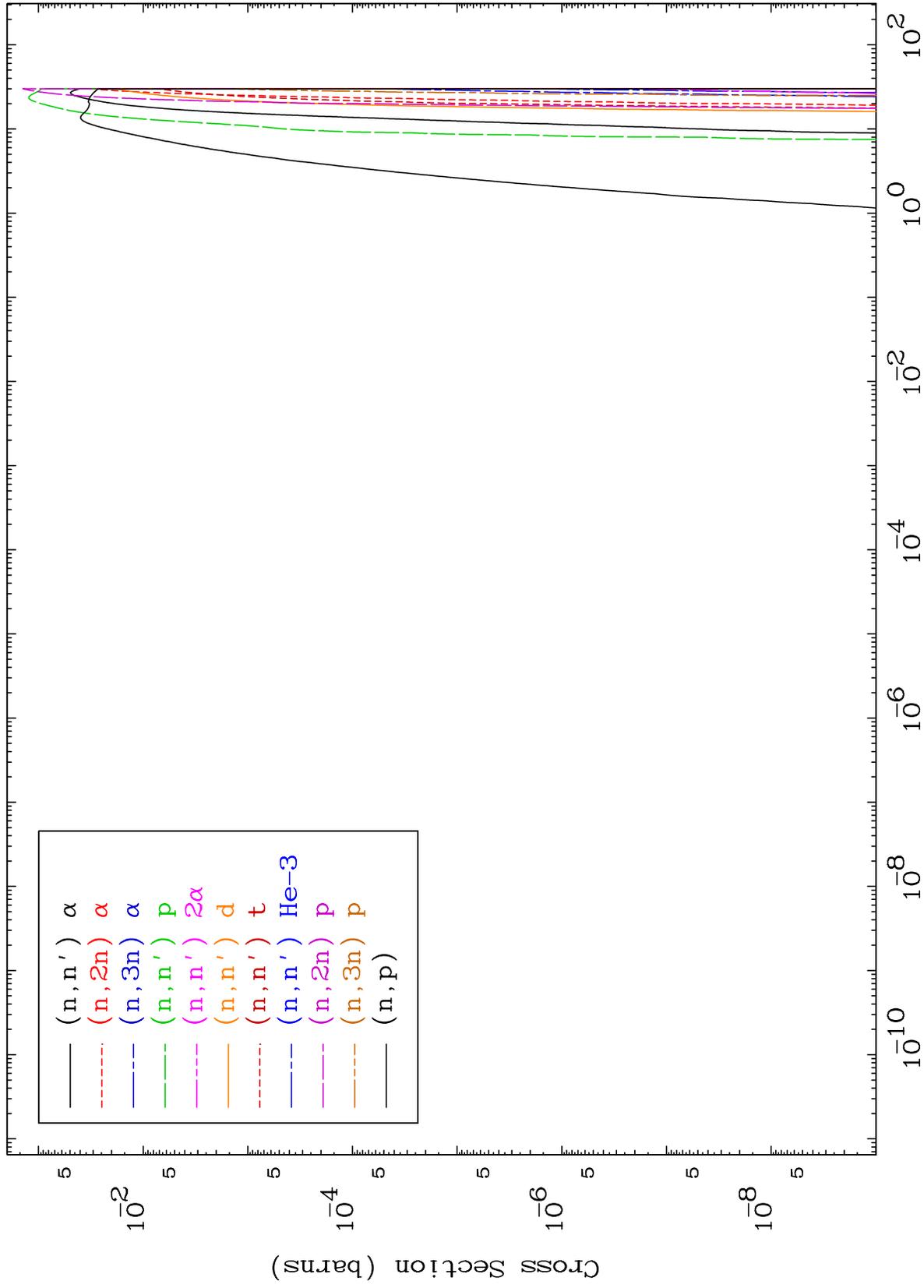




MAT 4925

Charged Particle  
293 Kelvin Cross Sections

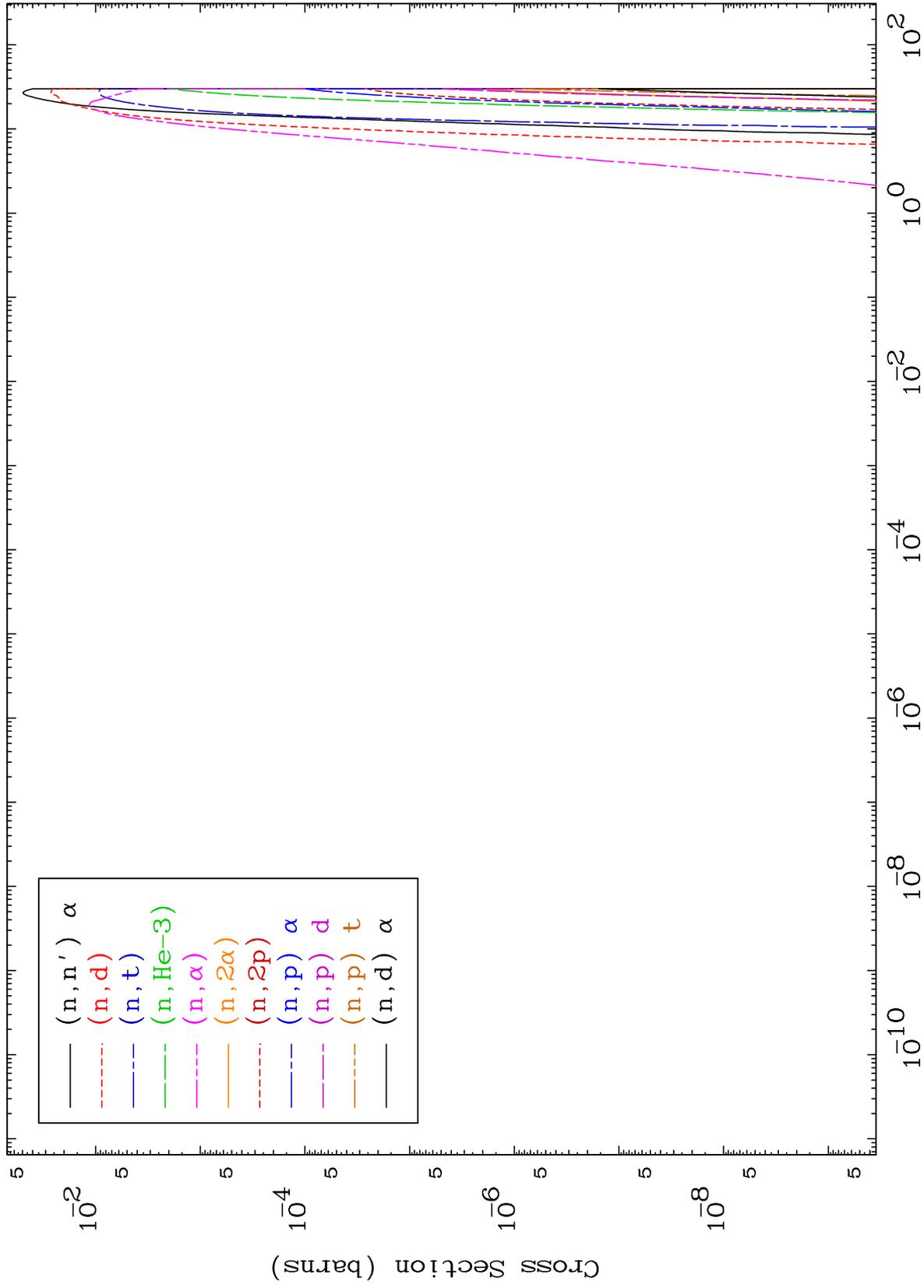
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5

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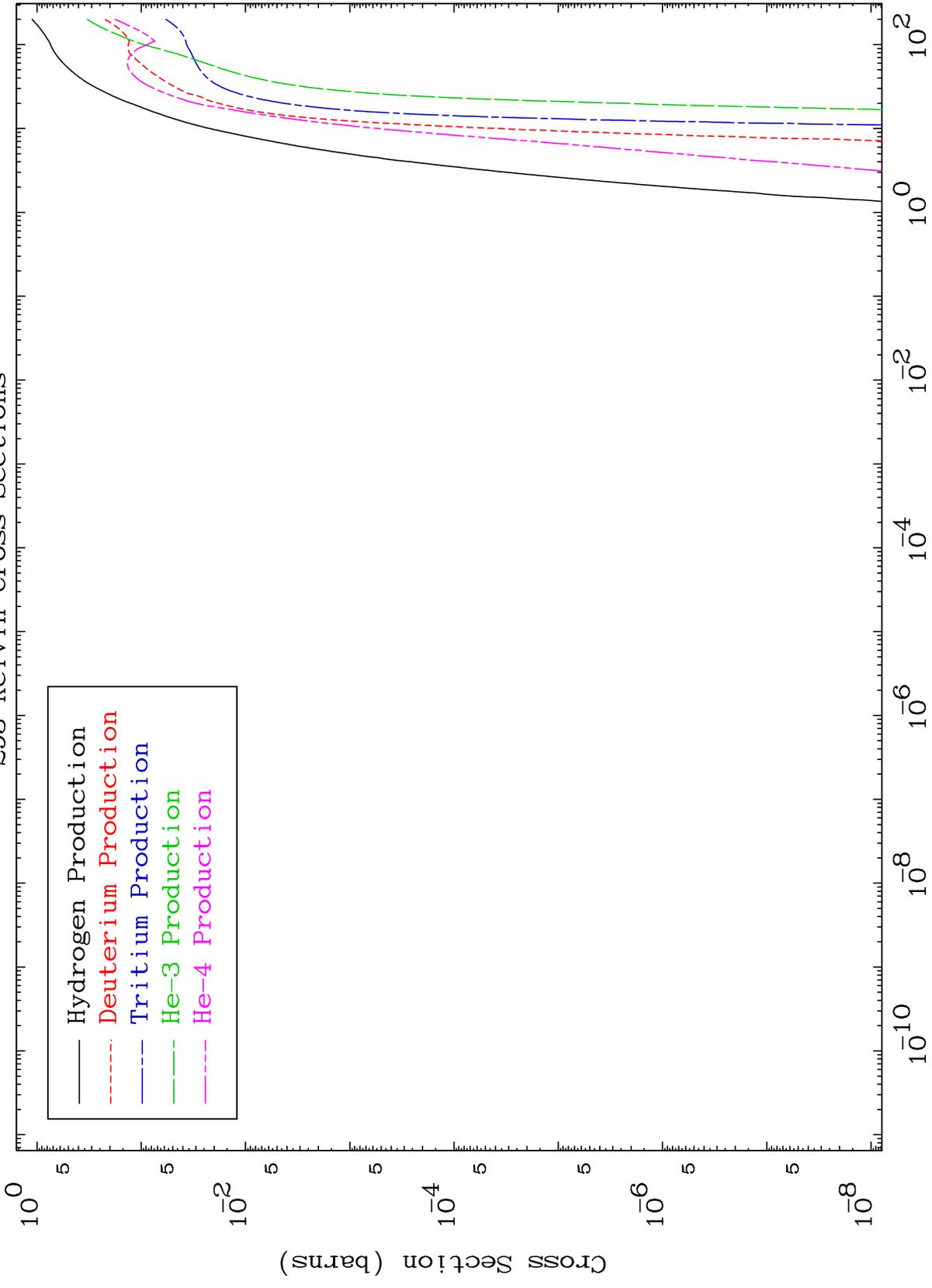
49-In-113



MAT 4925

Particle Production  
293 Kelvin Cross Sections

49-In-113



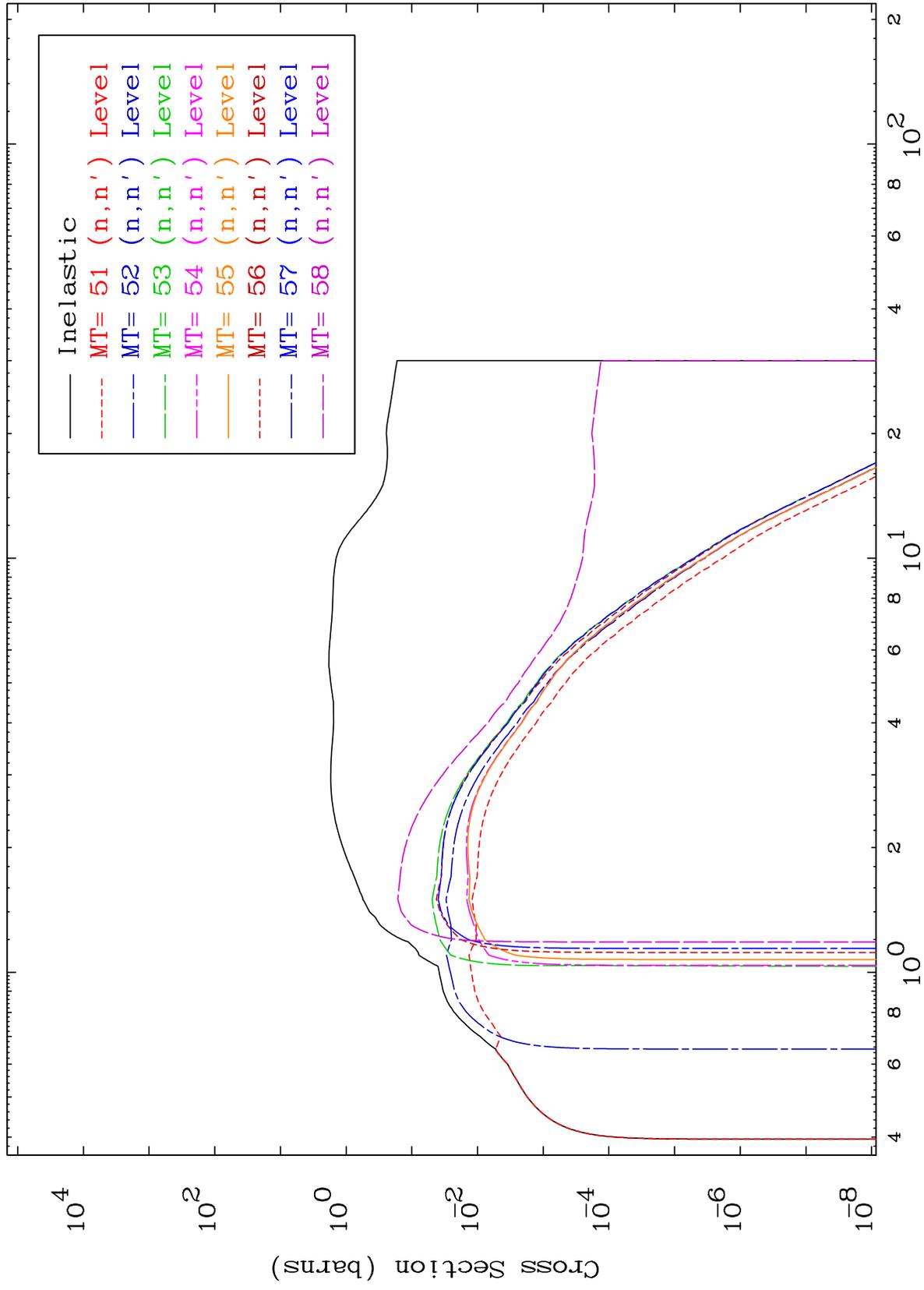
49-In-113

MAT 4925

(n,n') Levels

49-In-113

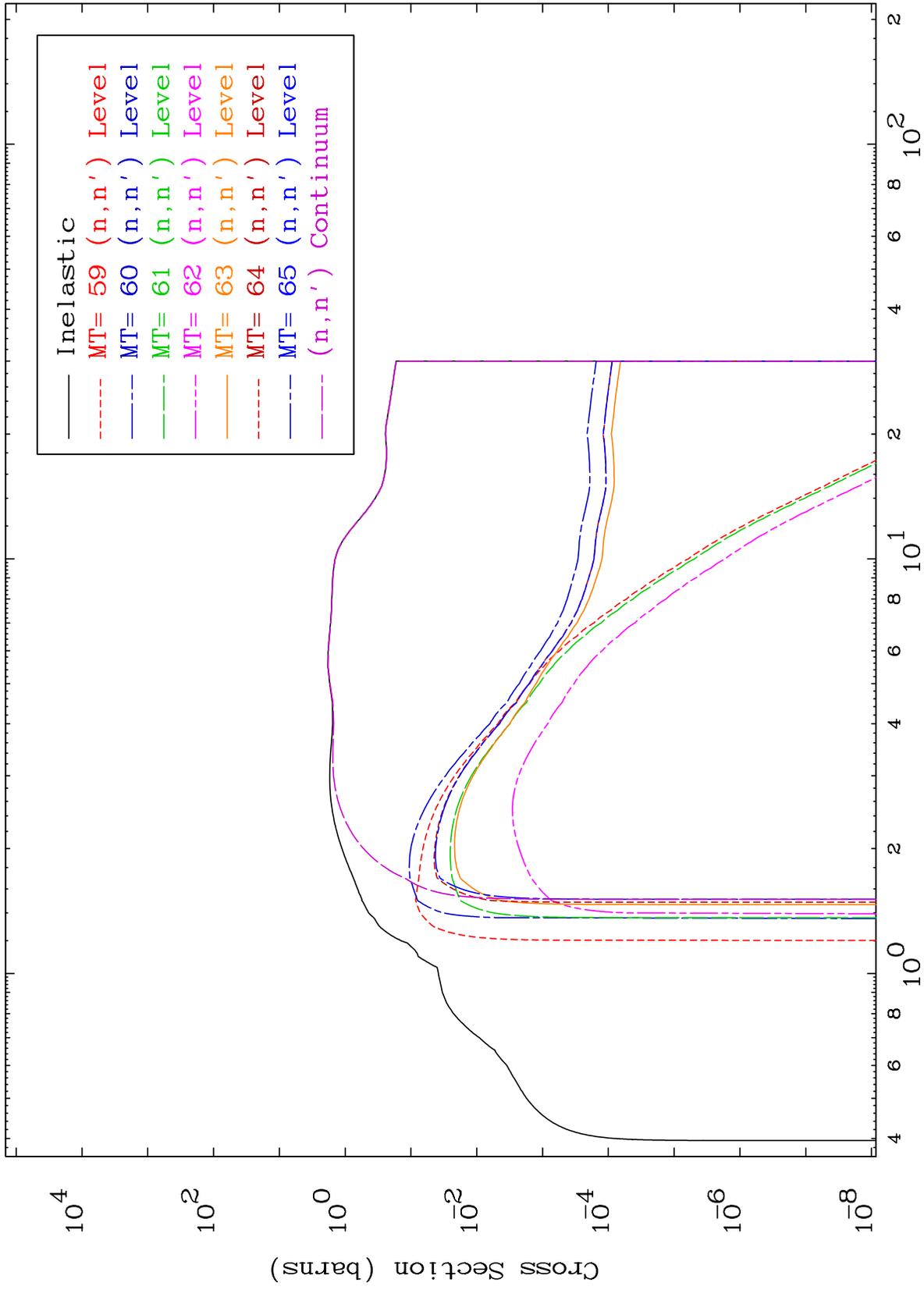
293 Kelvin Cross Sections



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Incident Energy (MeV)

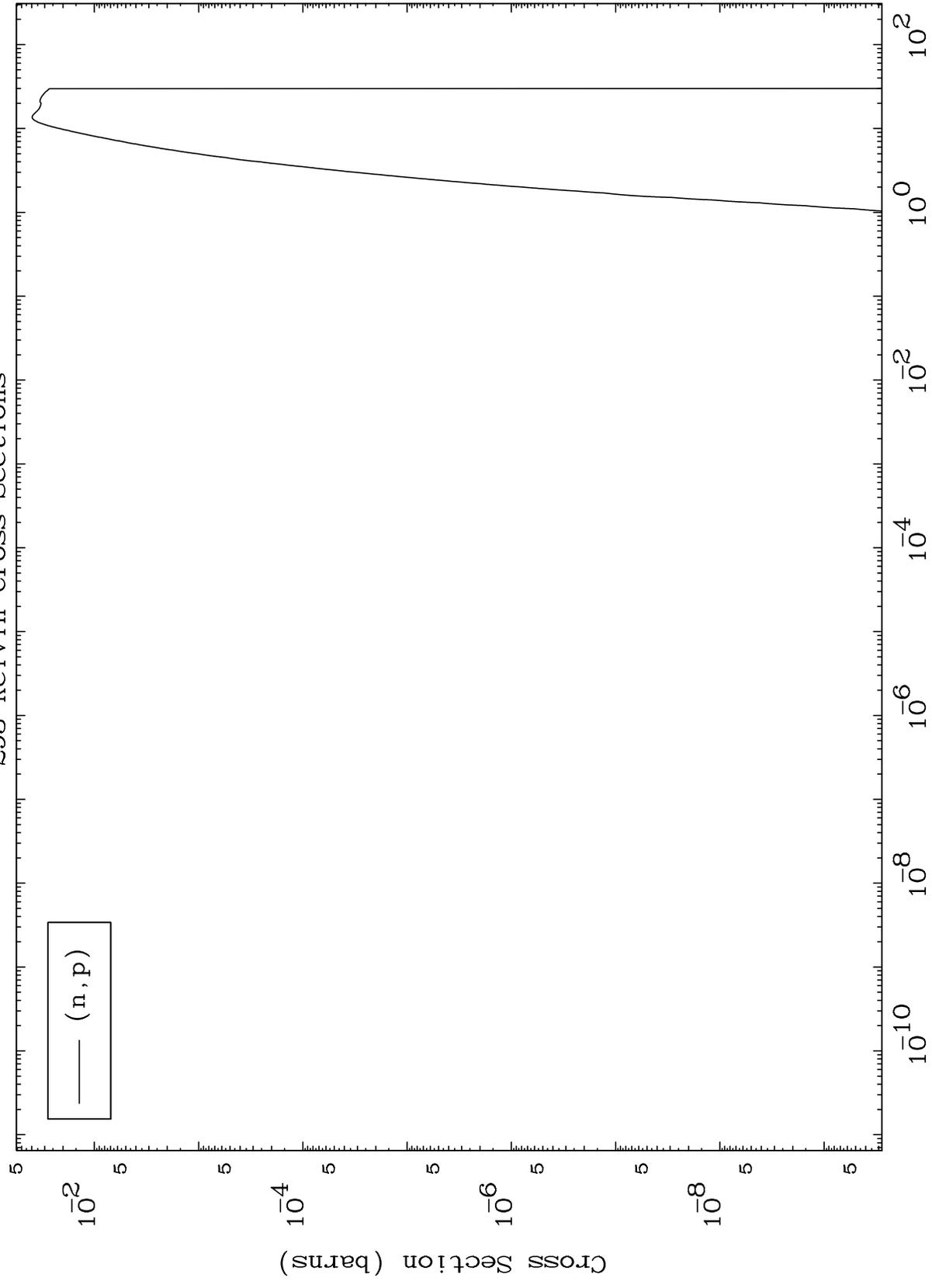
49-In-113



MAT 4925

(n,p) Levels  
293 Kelvin Cross Sections

49-In-113



10

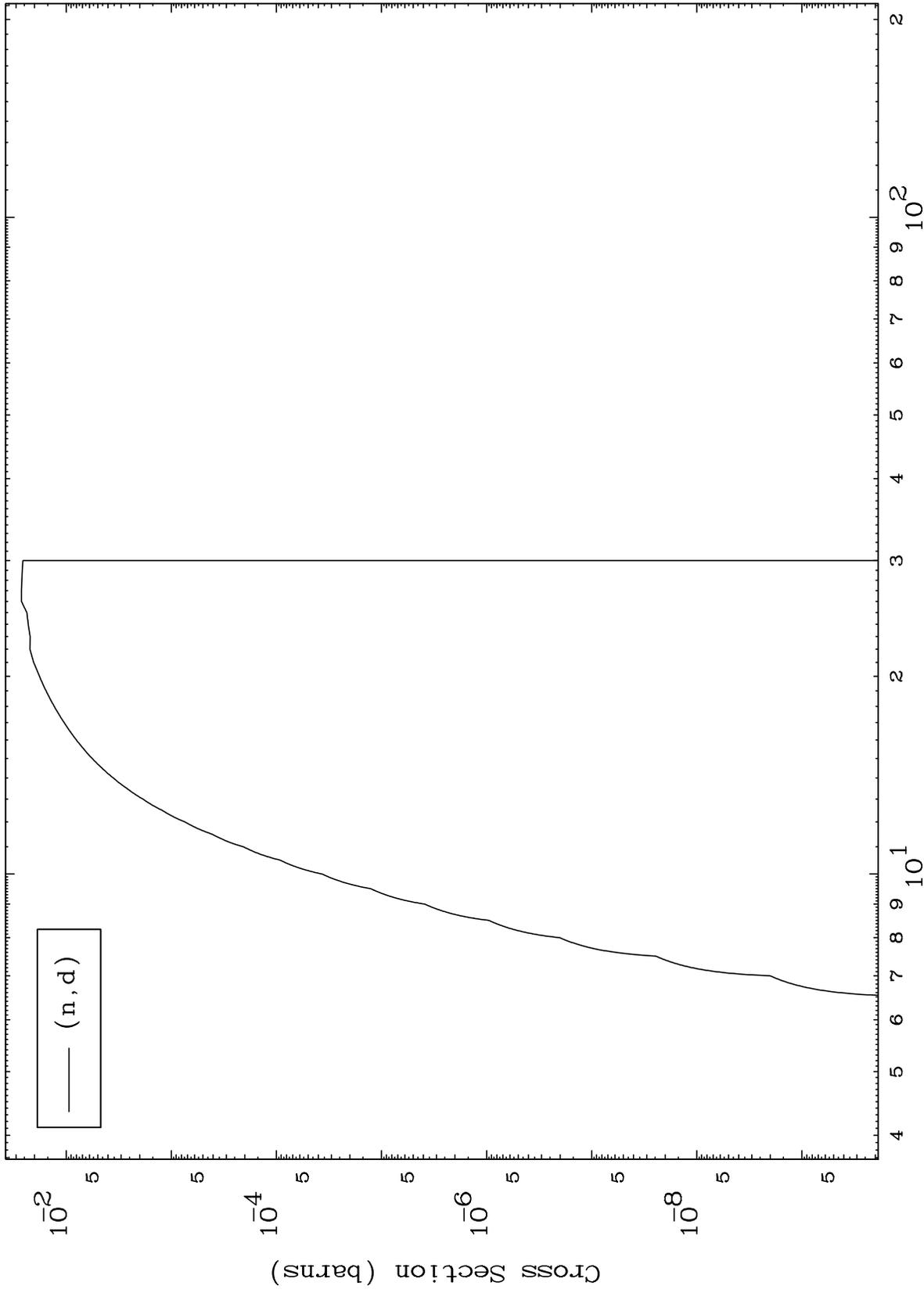
Incident Energy (MeV)

49-In-113

MAT 4925

(n,d) Levels  
293 Kelvin Cross Sections

49-In-113



11

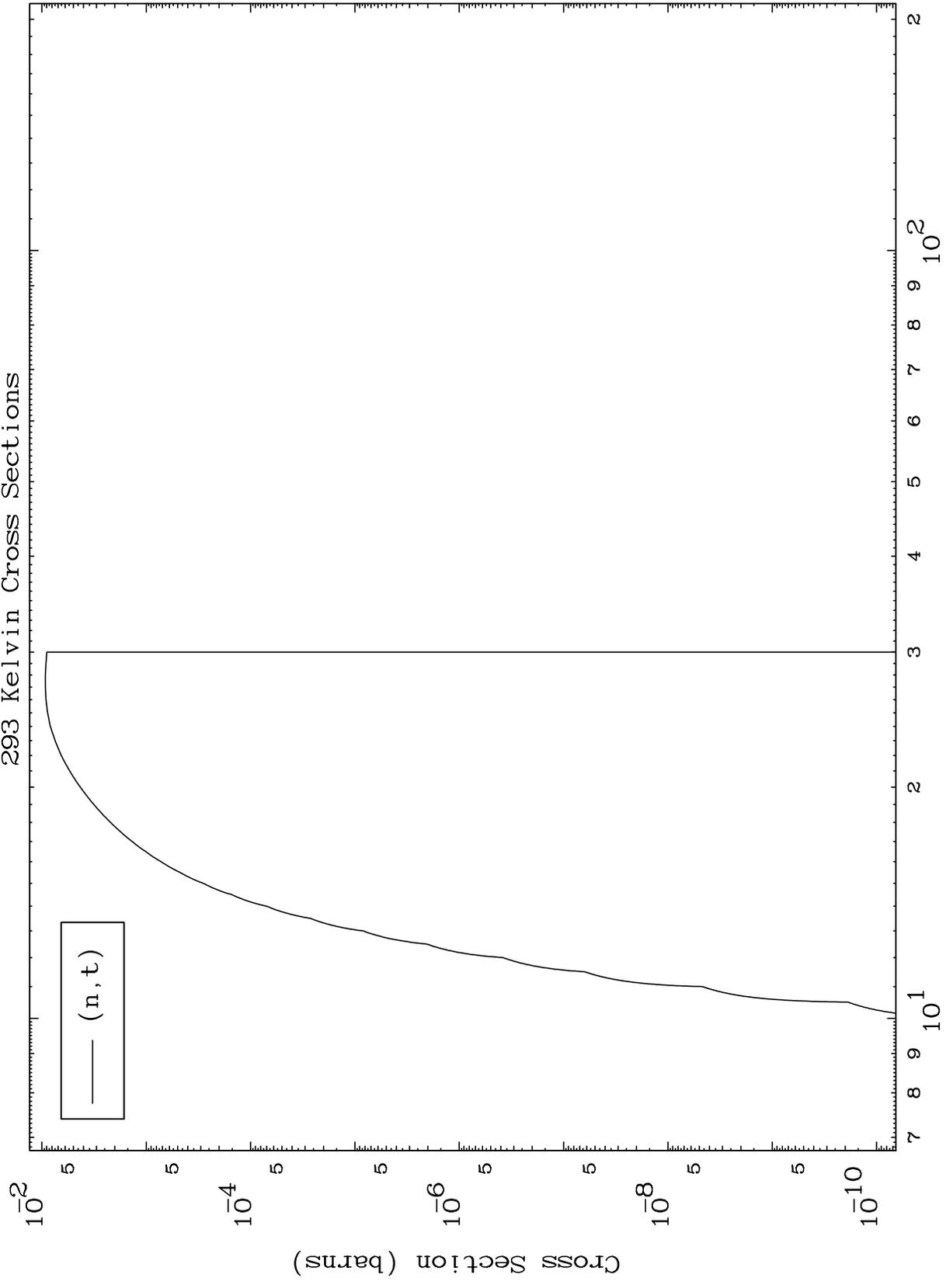
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MAT 4925

(n,t) Levels  
293 Kelvin Cross Sections

49-In-113



12

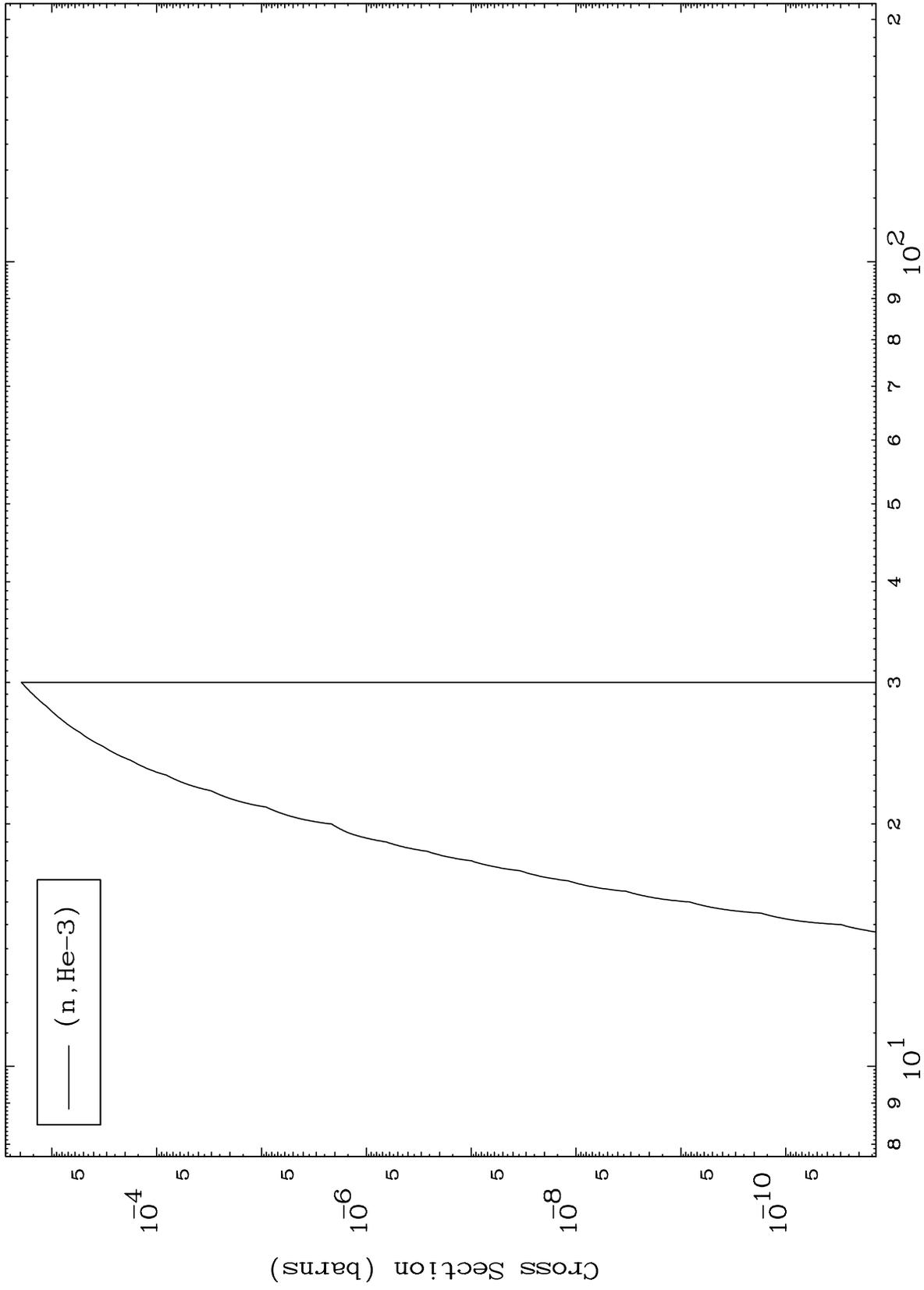
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49-In-113

MAT 4925

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-113



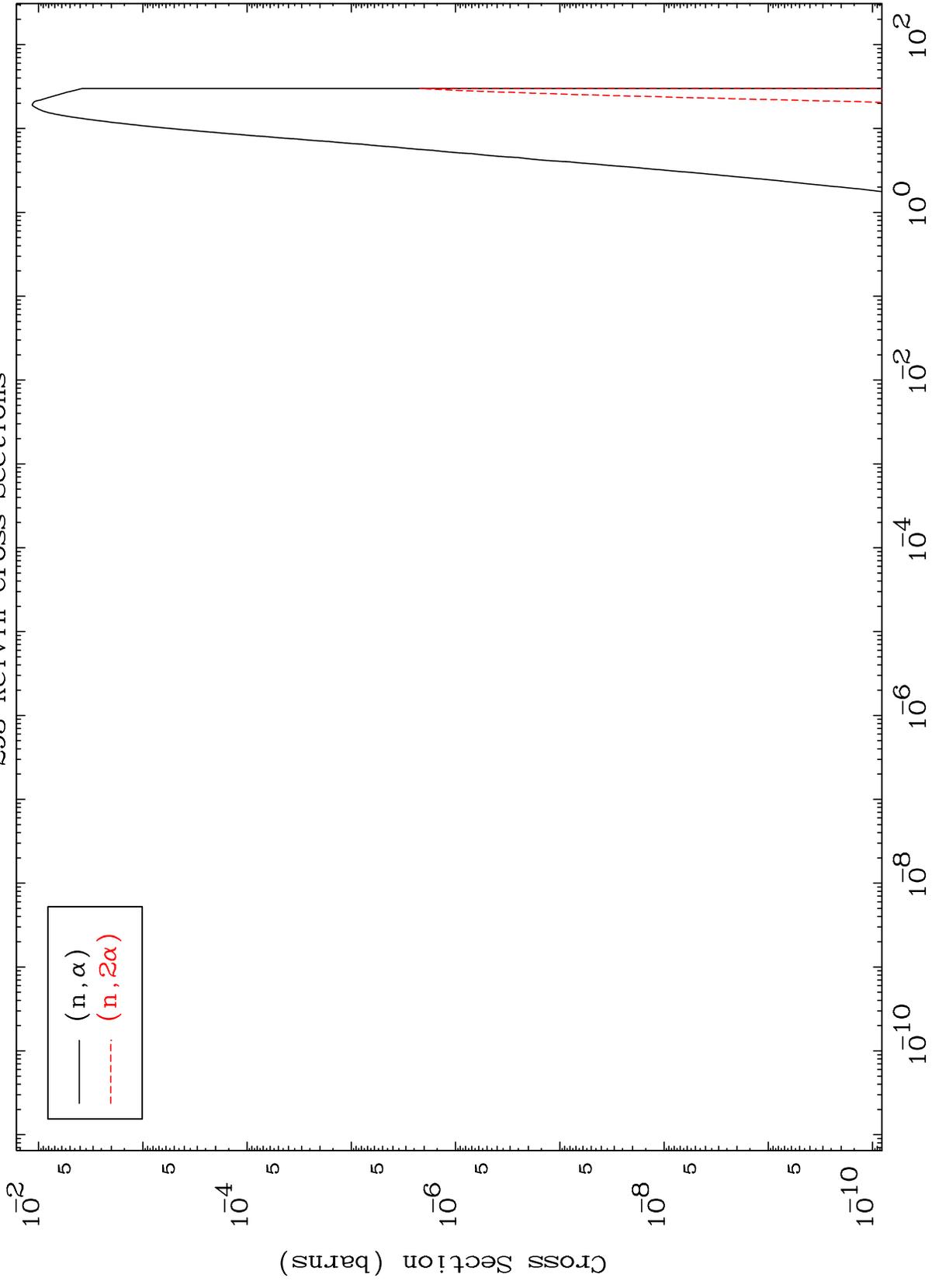
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49-In-113

MAT 4925

(n,α) Levels  
293 Kelvin Cross Sections

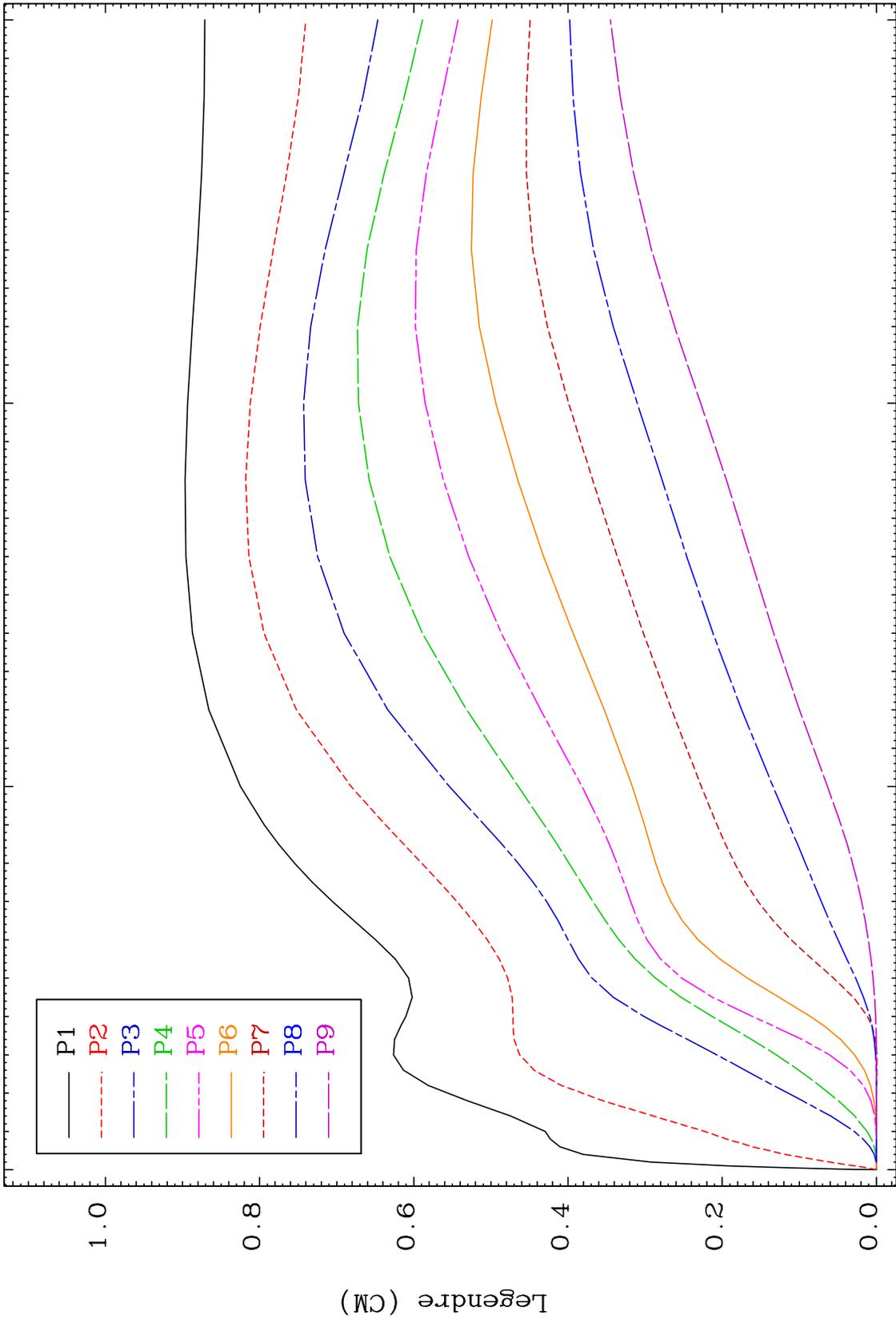
49-In-113



MAT 4925

Elastic Legendre Coefficients

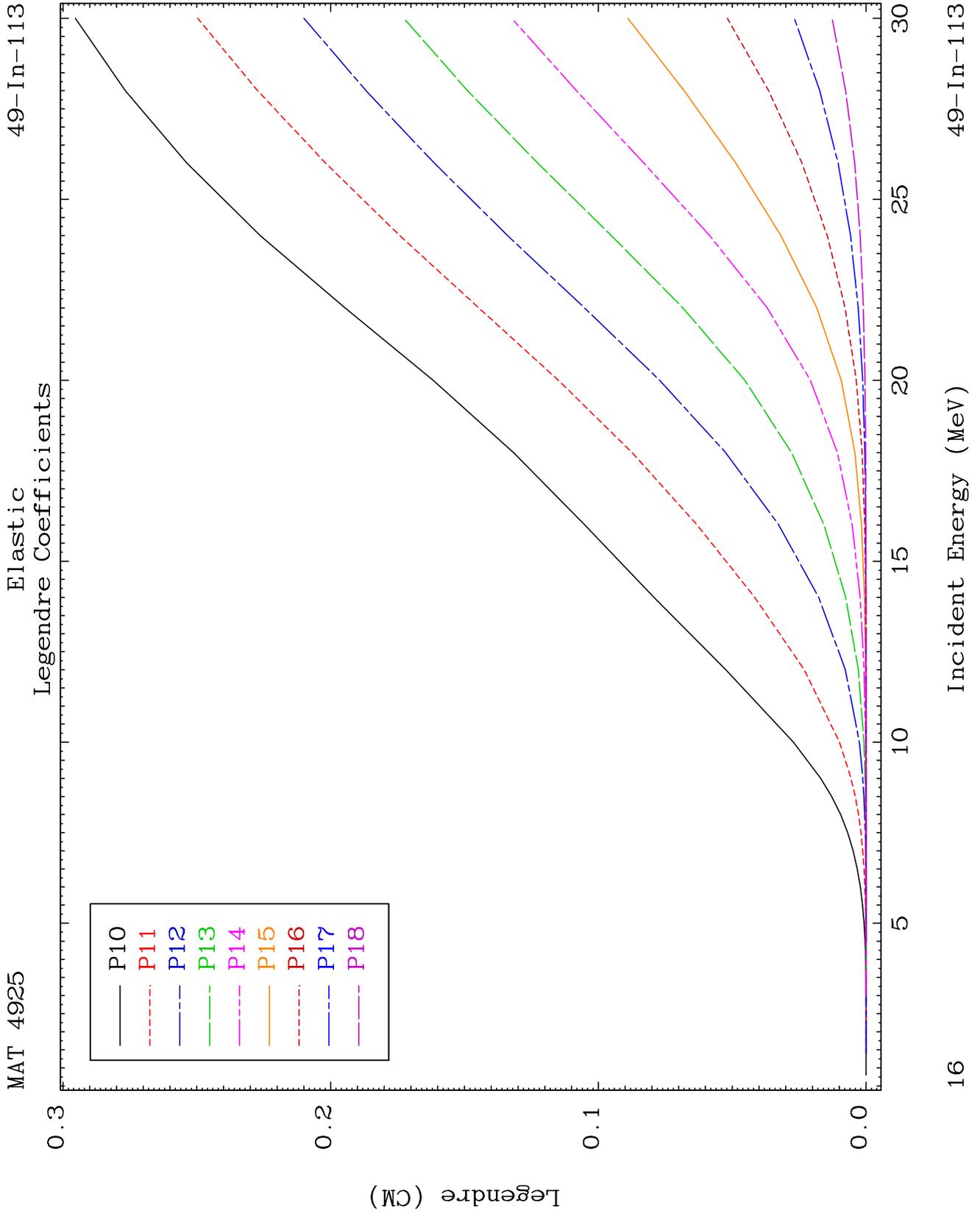
49-In-113



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Incident Energy (MeV)

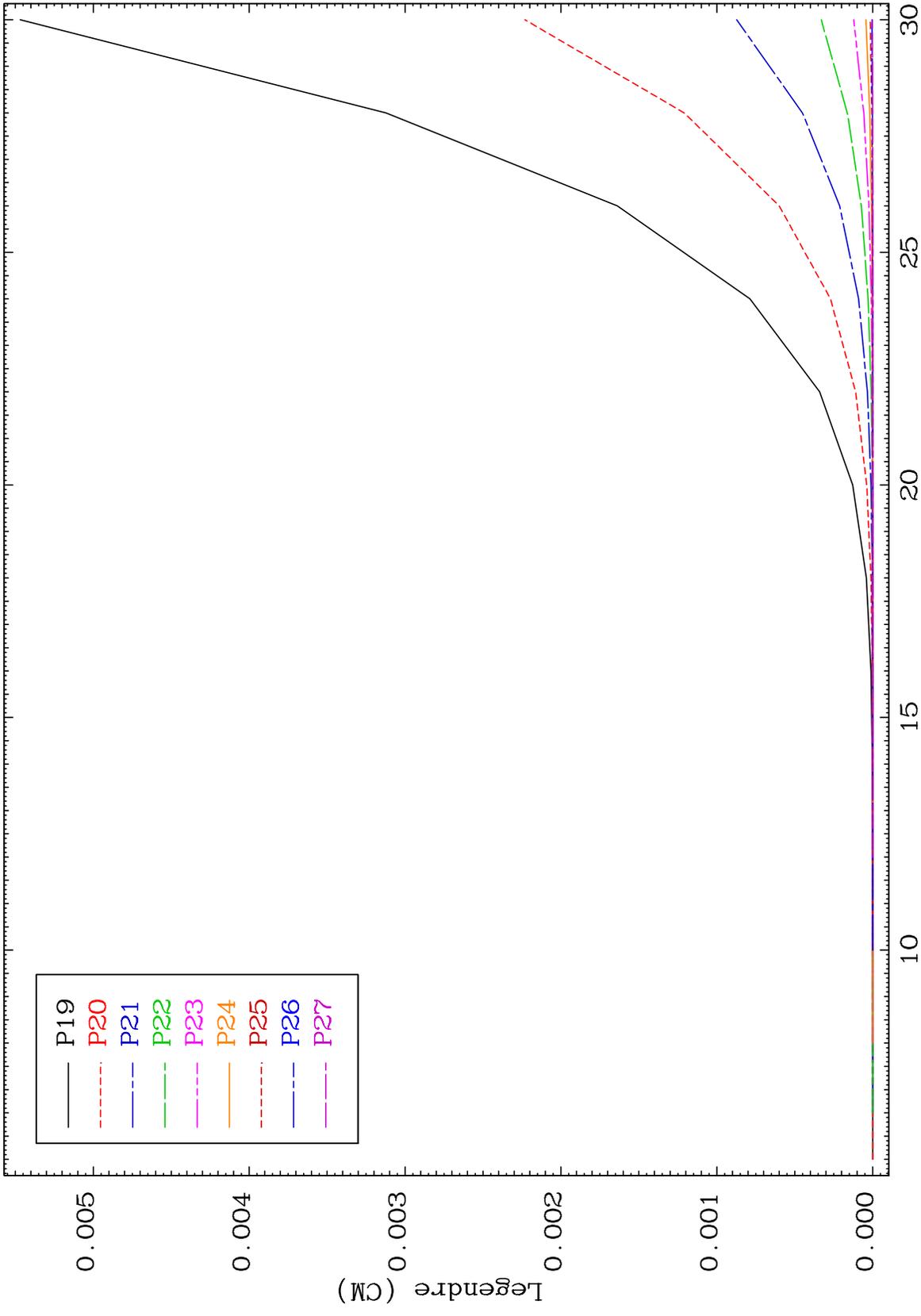
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MAT 4925

### Elastic Legendre Coefficients

49-In-113



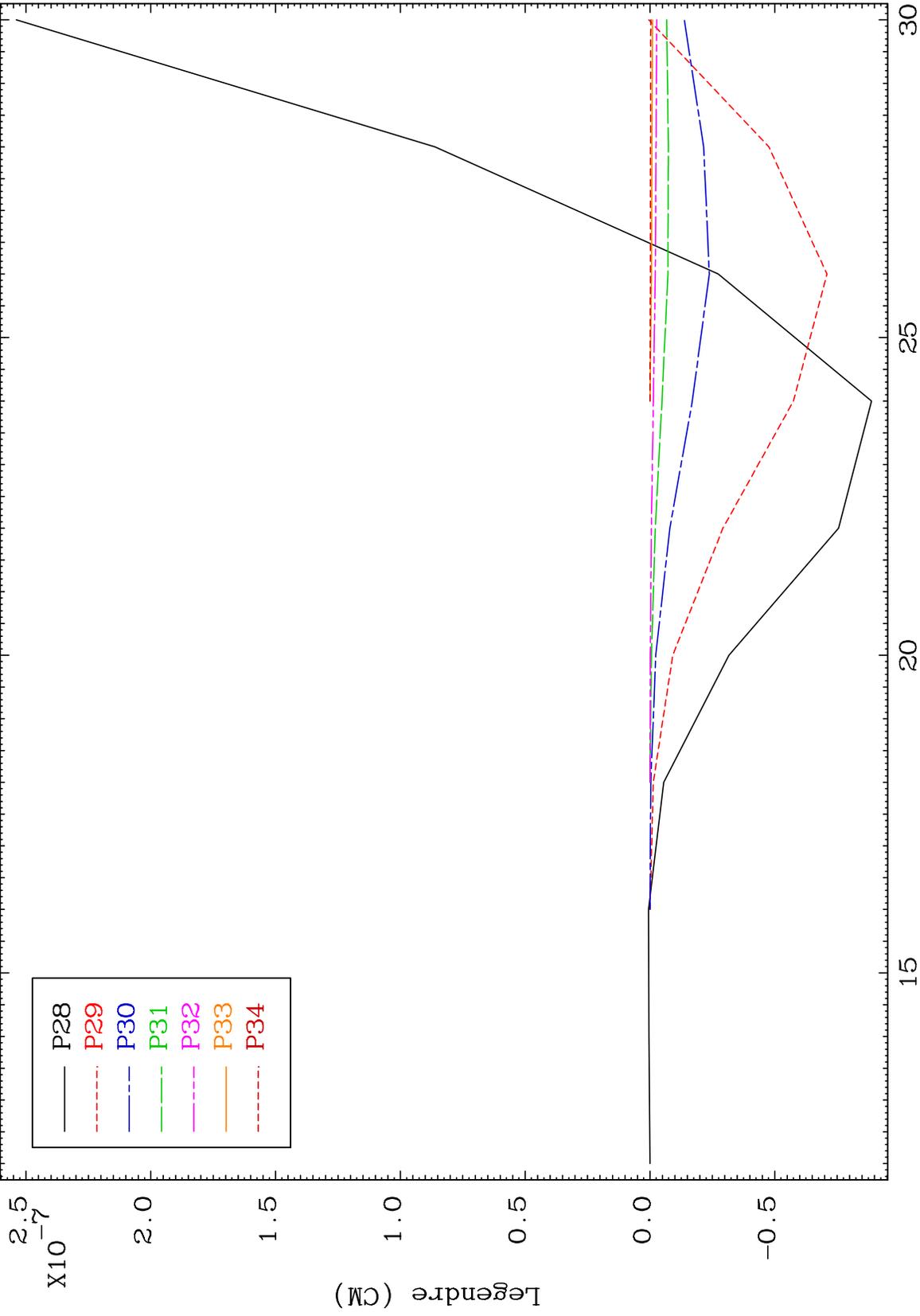
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49-In-113

MAT 4925

Elastic Legendre Coefficients

49-In-113



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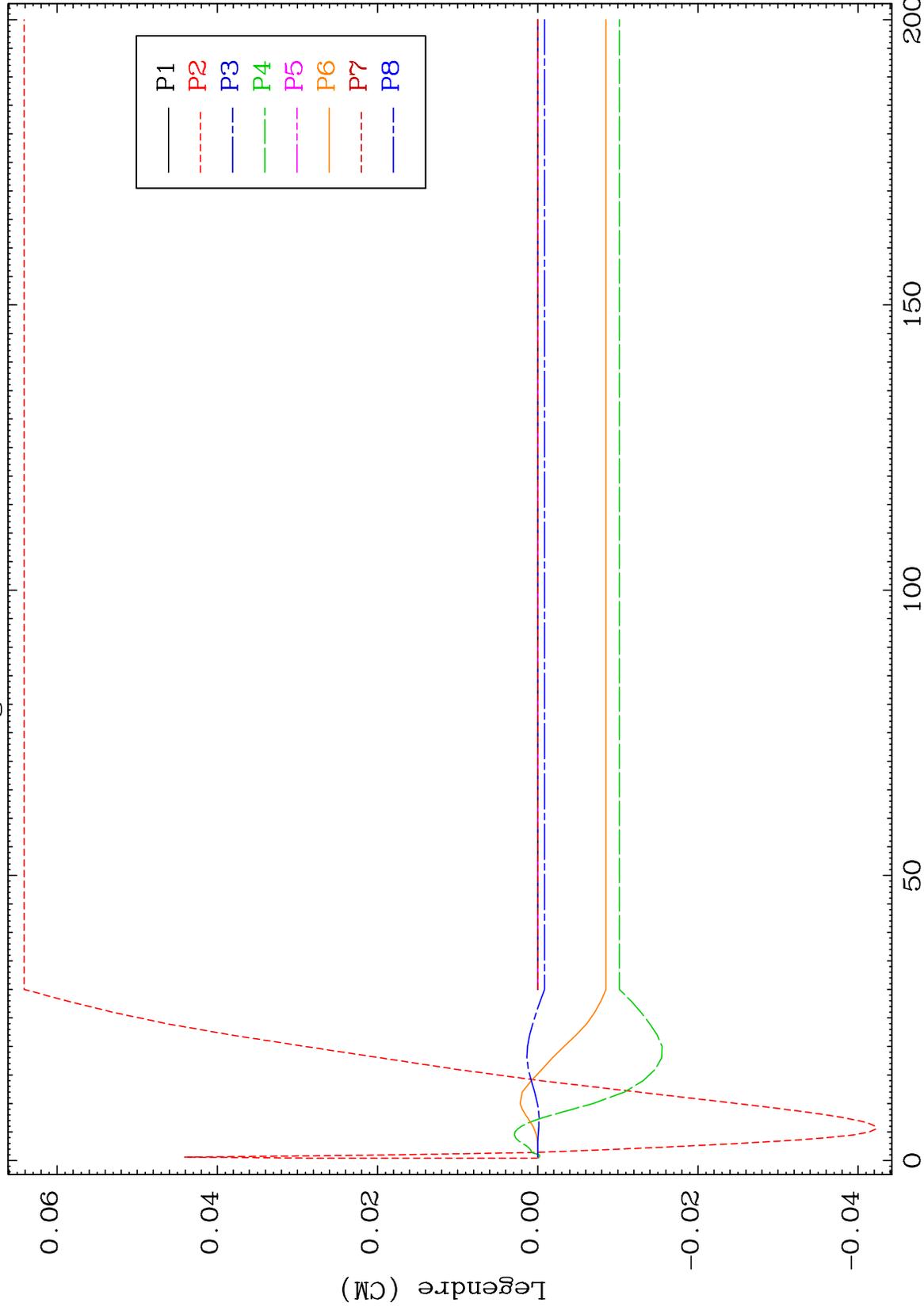
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



19

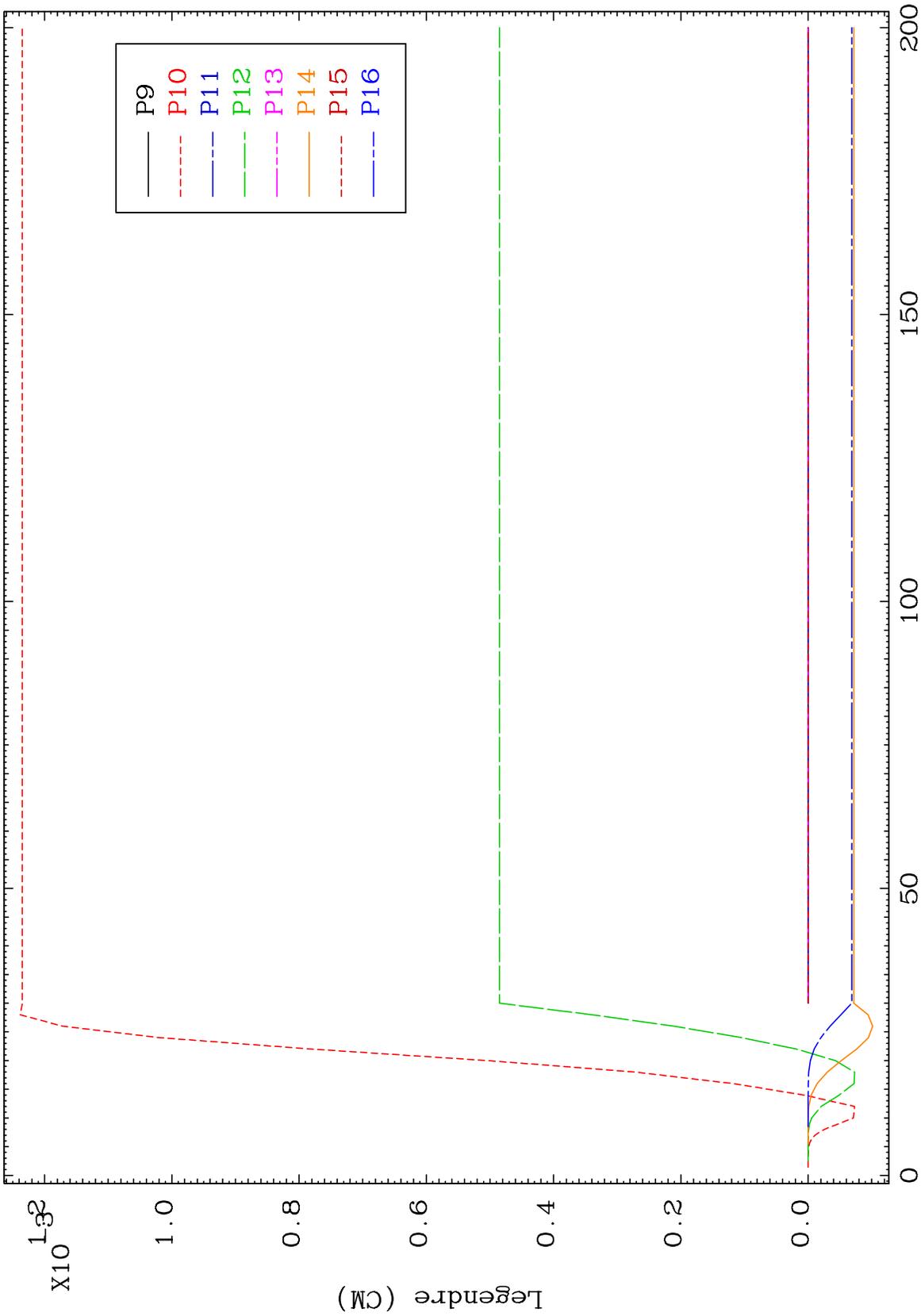
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



20

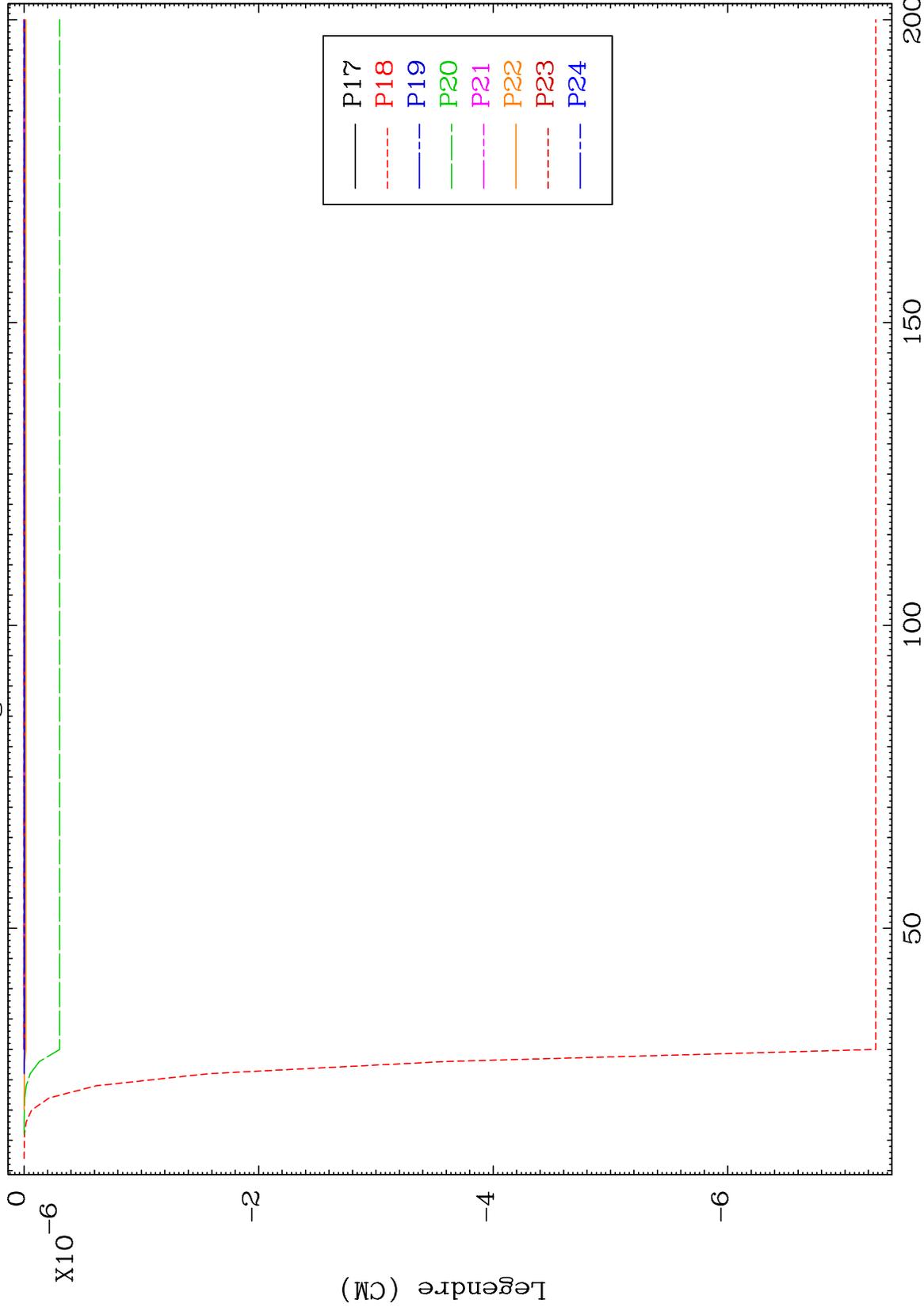
Incident Energy (MeV)

49-In-113

MAT 4925

MT= 51 (n,n') Level  
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49-In-113



21

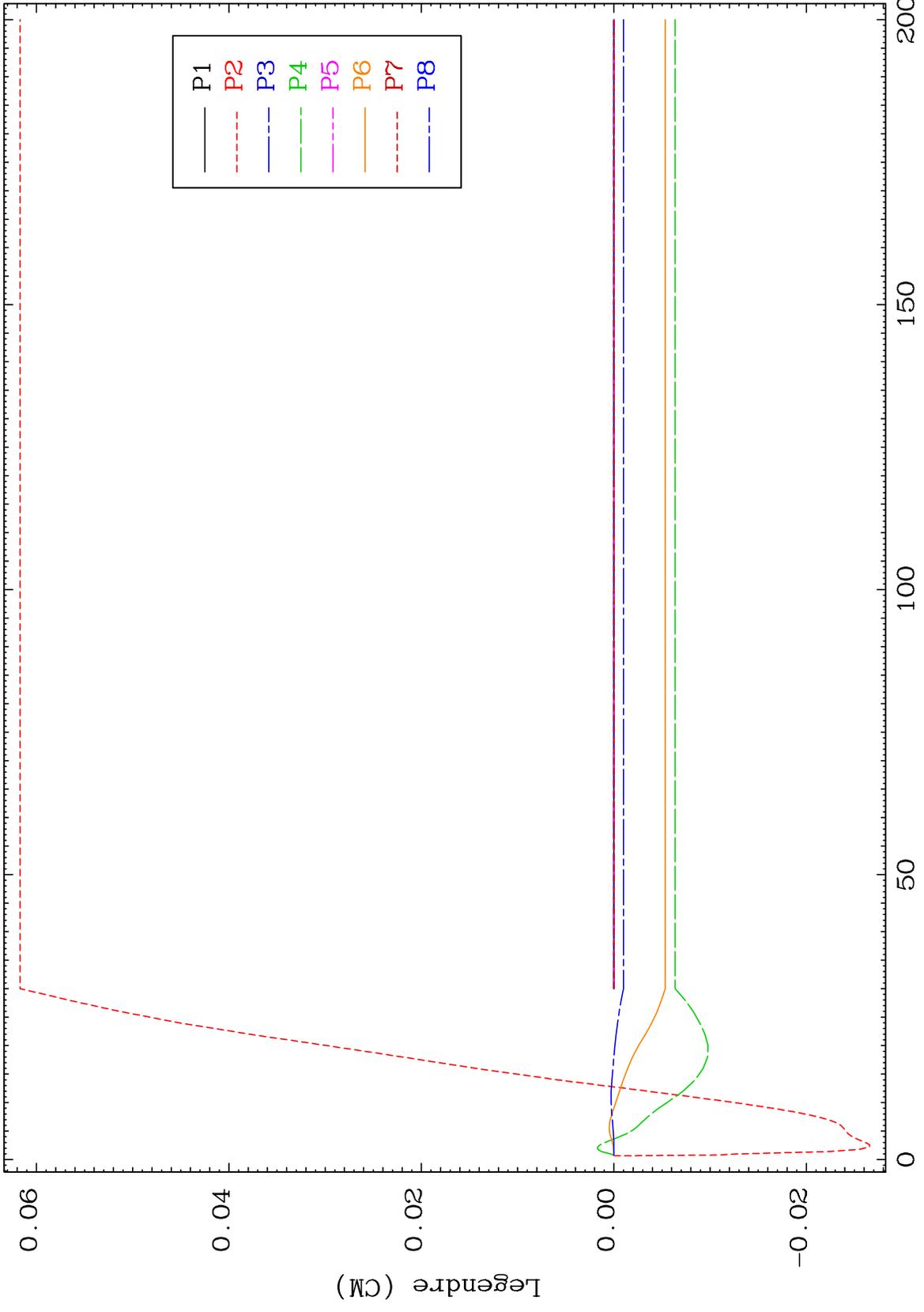
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



22

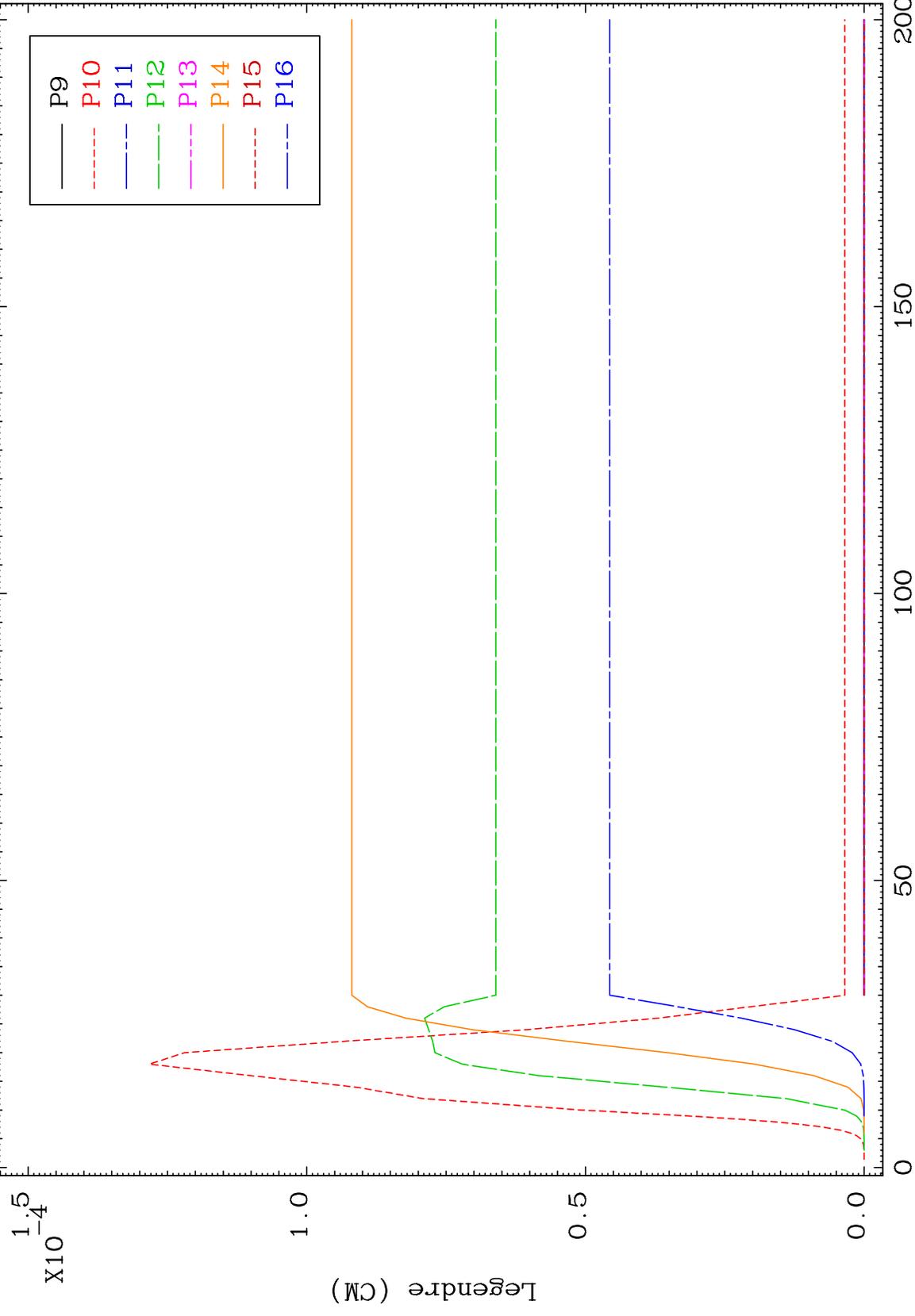
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113

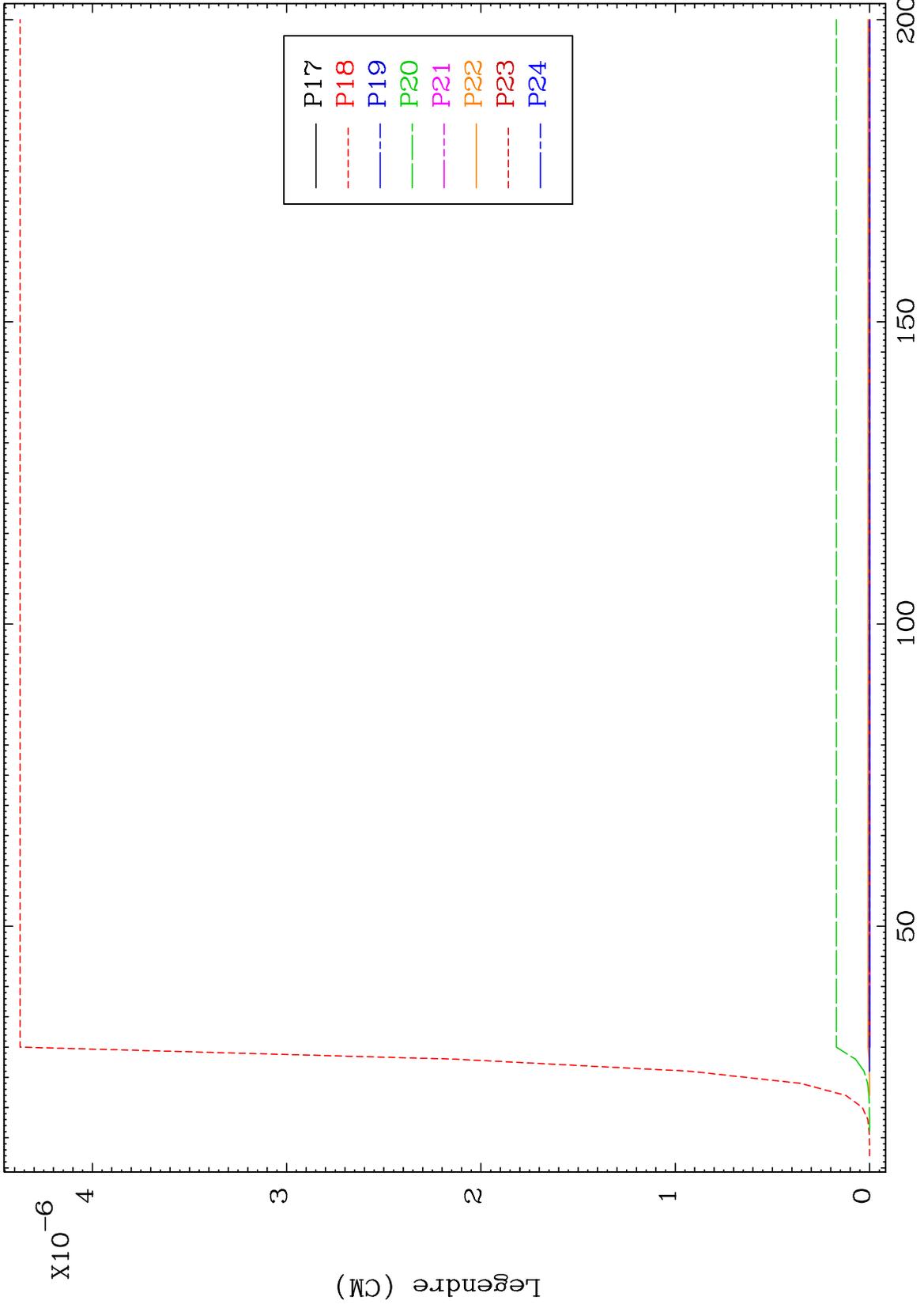


23

Incident Energy (MeV)

49-In-113

MAT 4925 MT= 52 (n,n') Level Legendre Coefficients 49-In-113

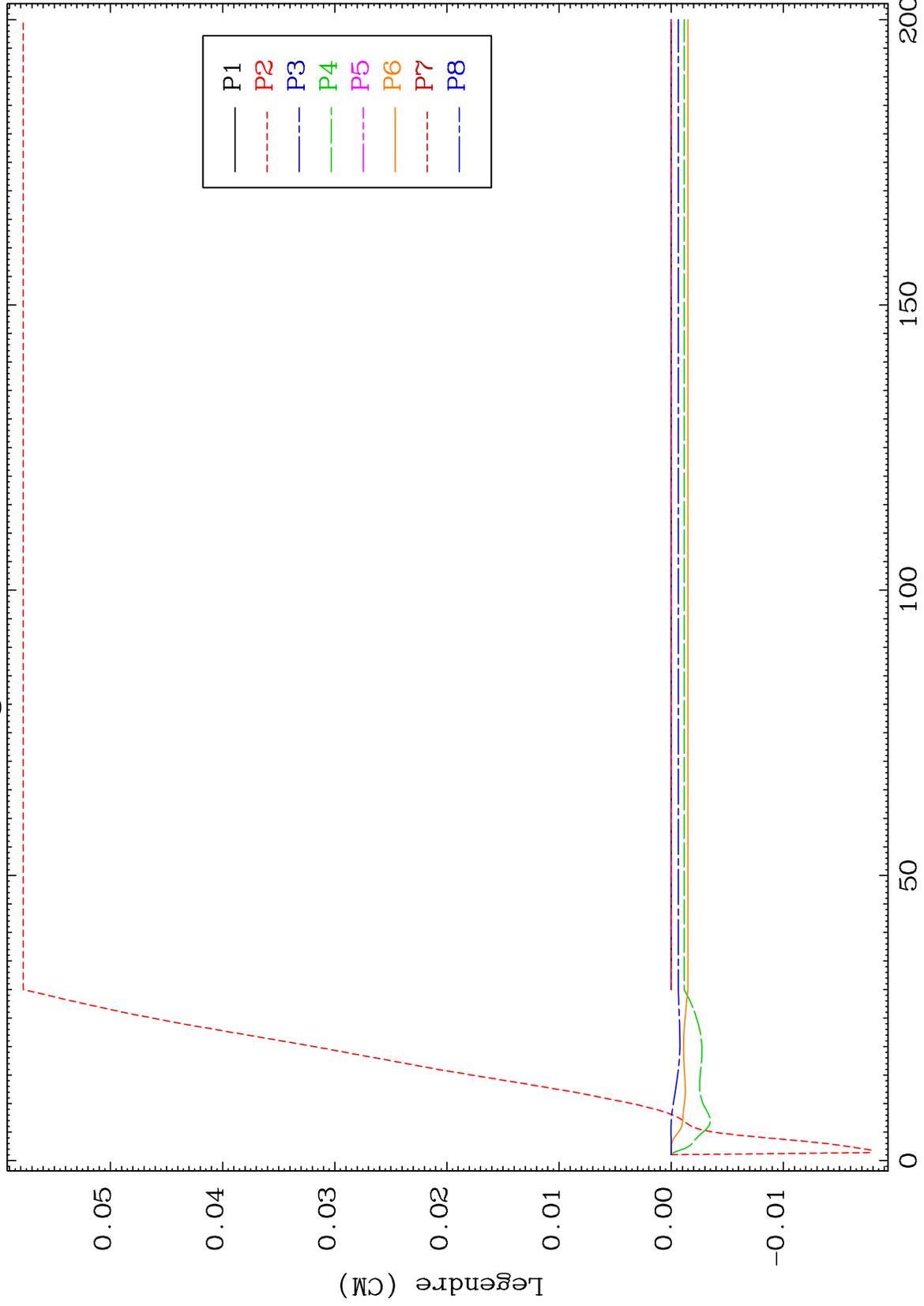


24 49-In-113

MAT 4925

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

49-In-113



25

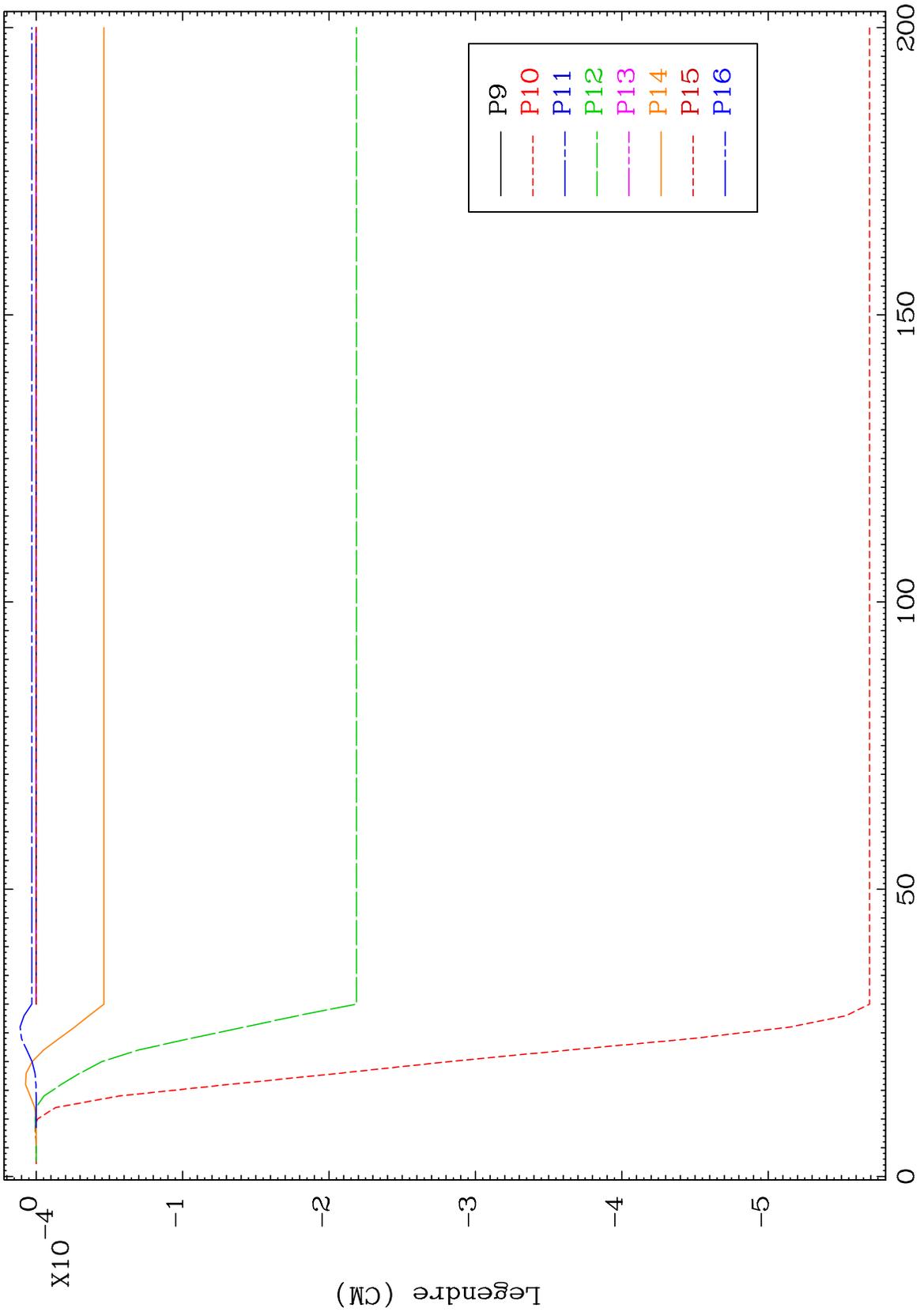
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



26

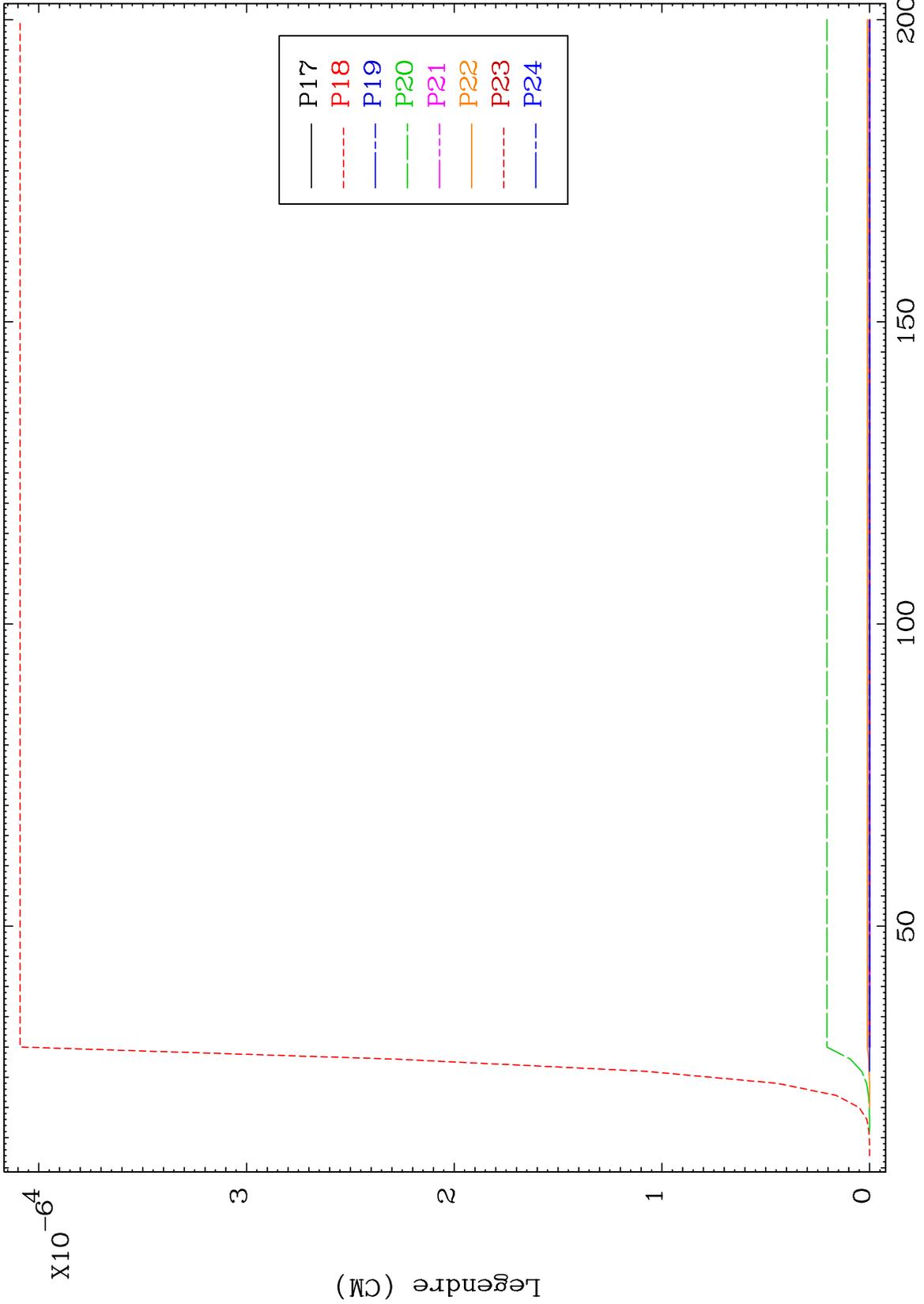
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



27

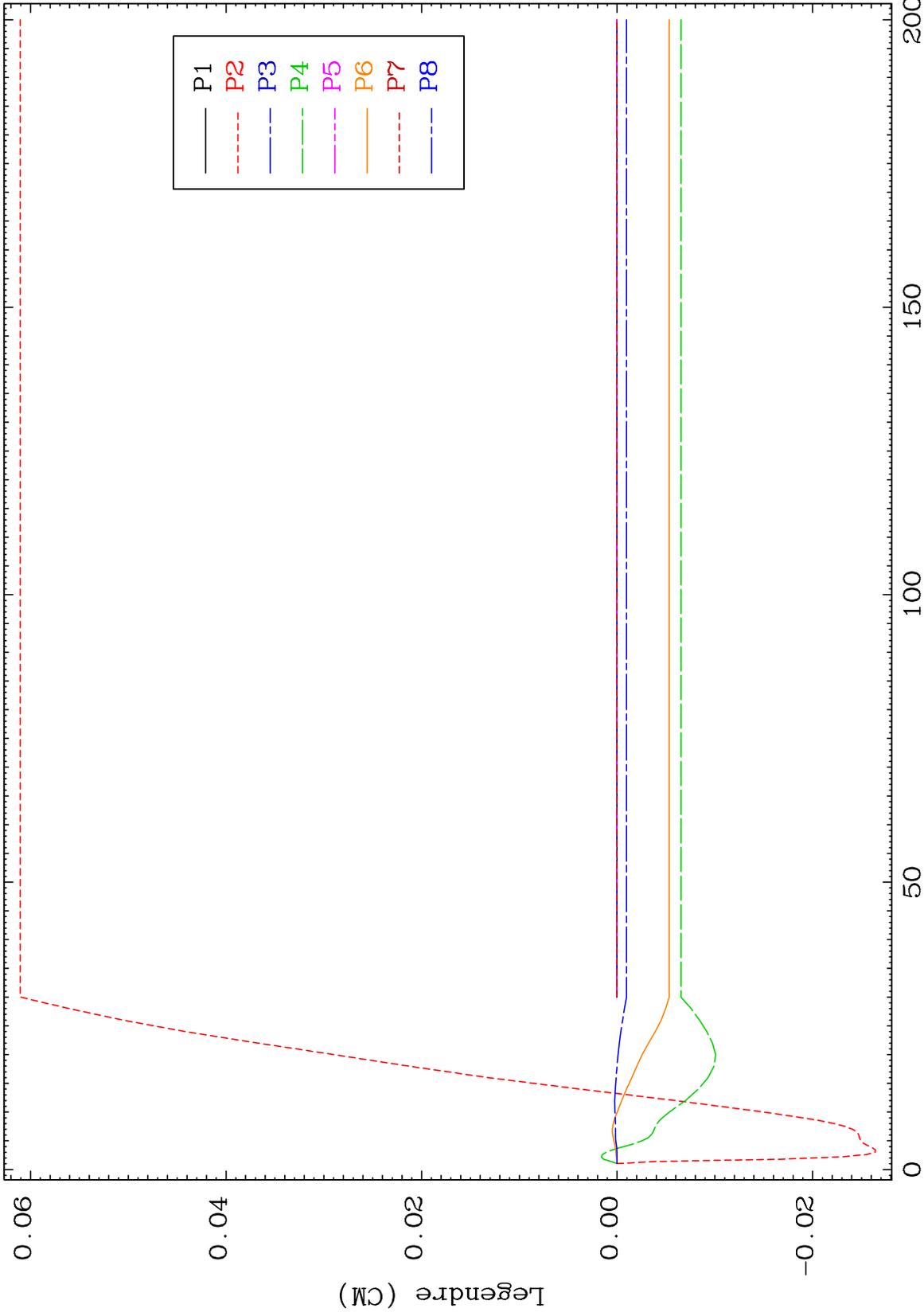
Incident Energy (MeV)

49-In-113

MAT 4925

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

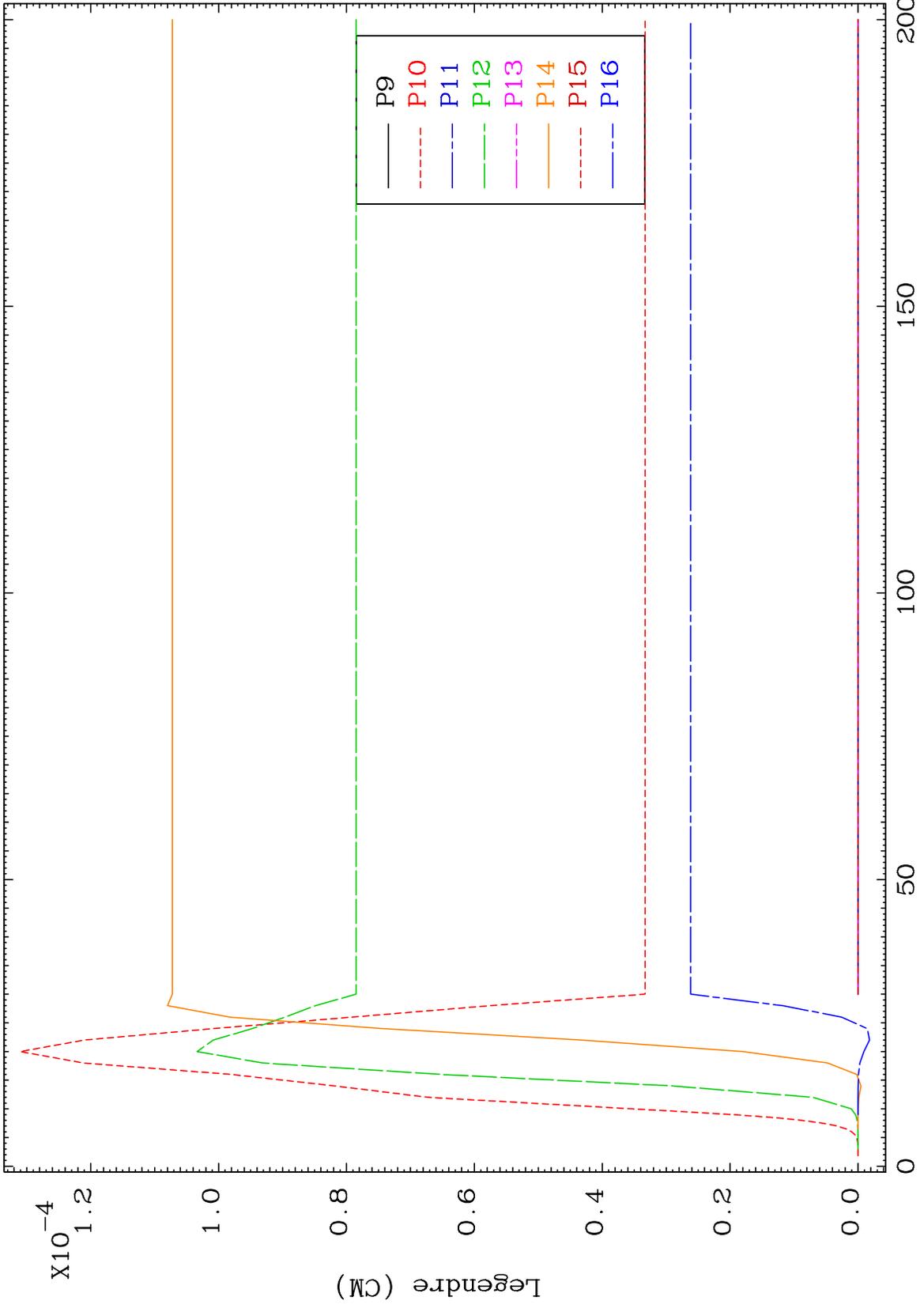
49-In-113



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Incident Energy (MeV)

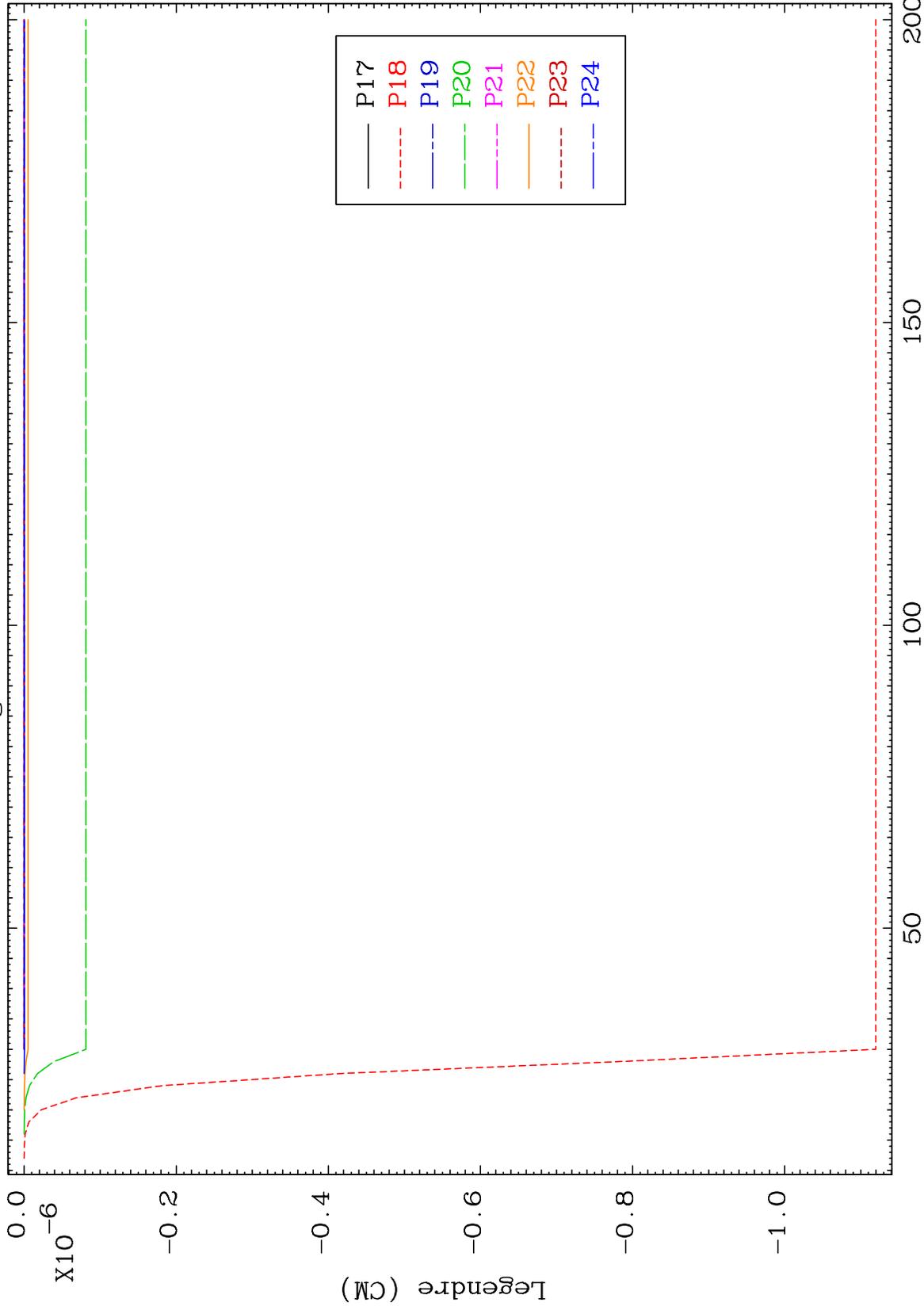
49-In-113



MAT 4925

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

49-In-113



30

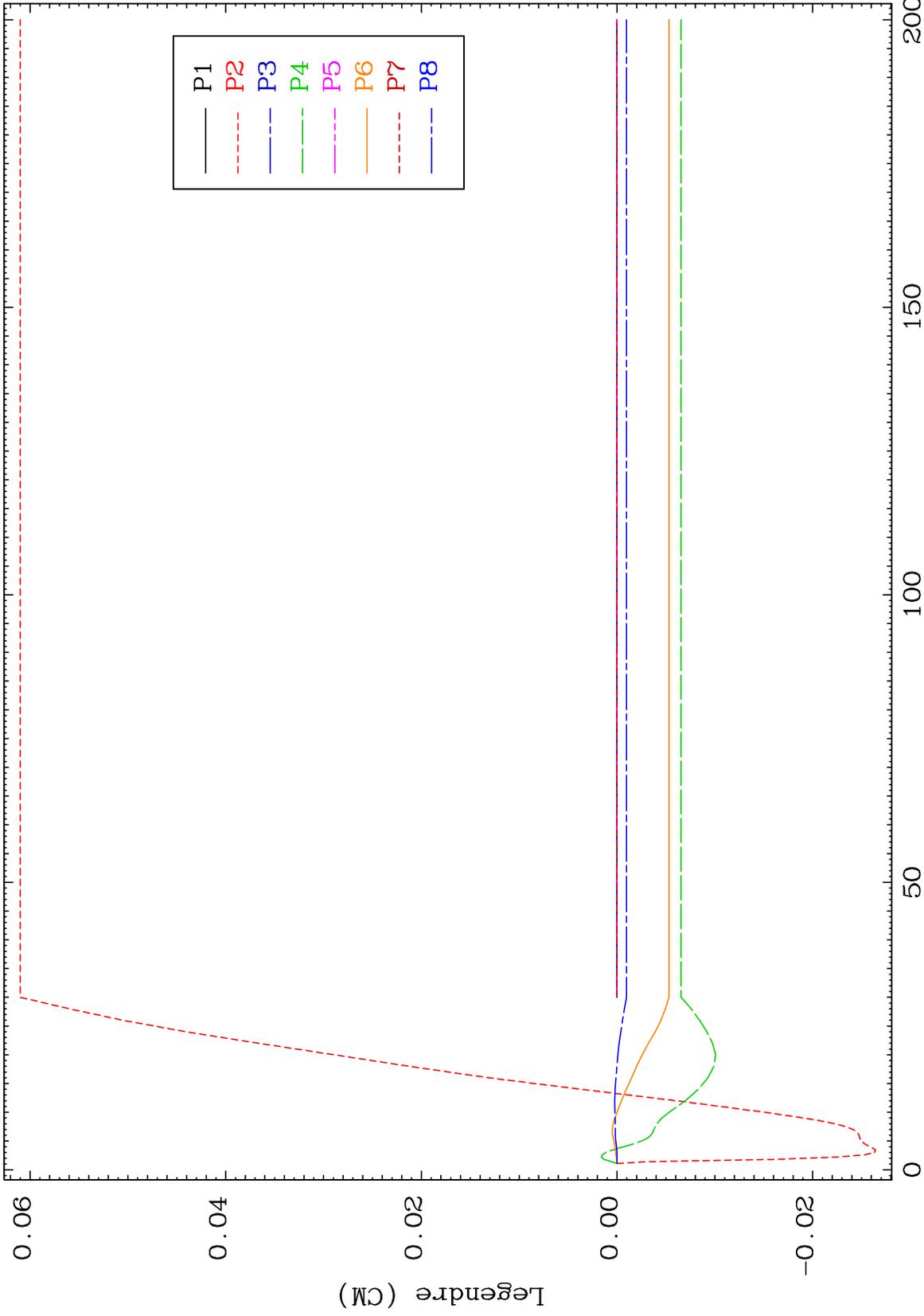
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



31

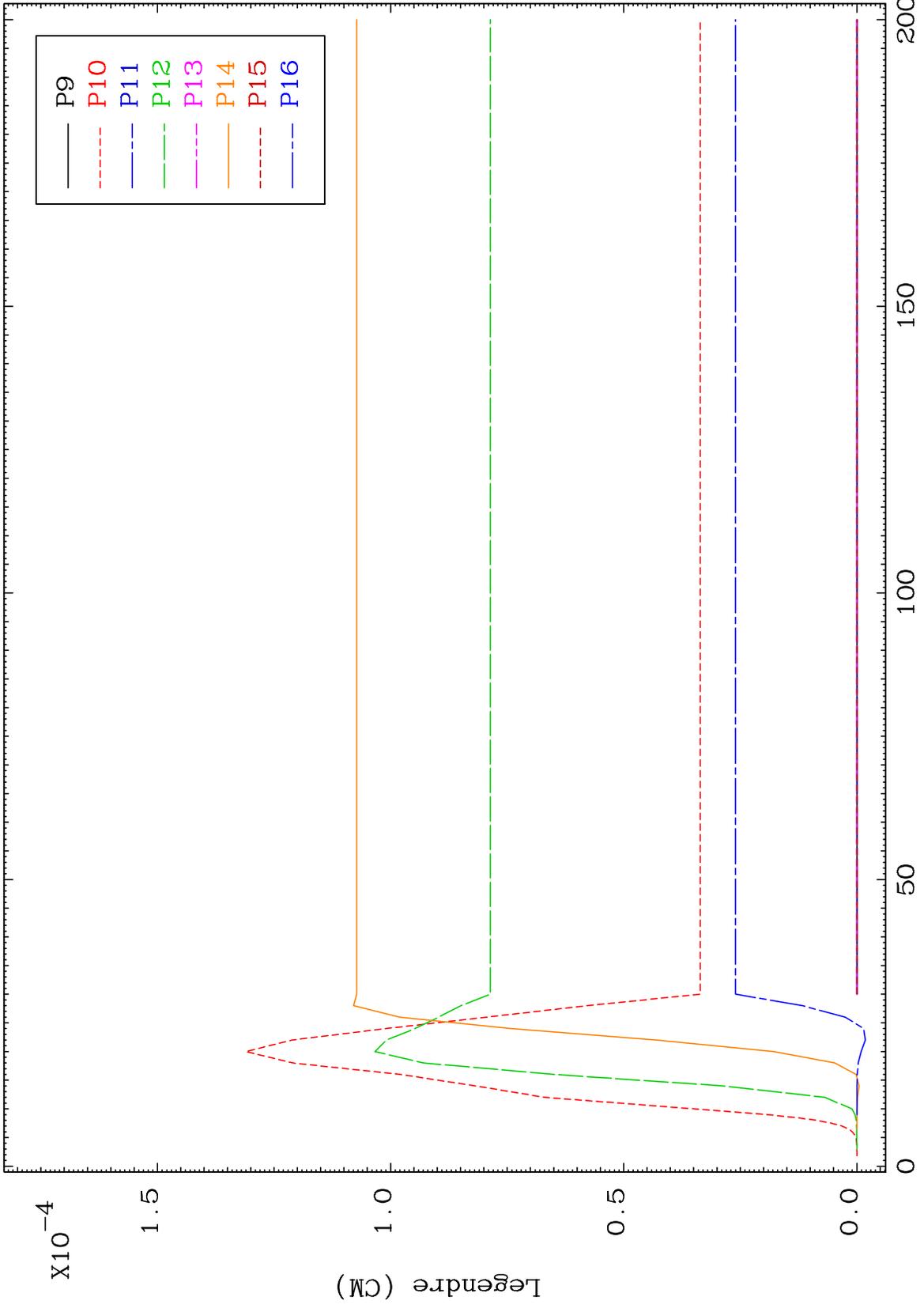
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



32

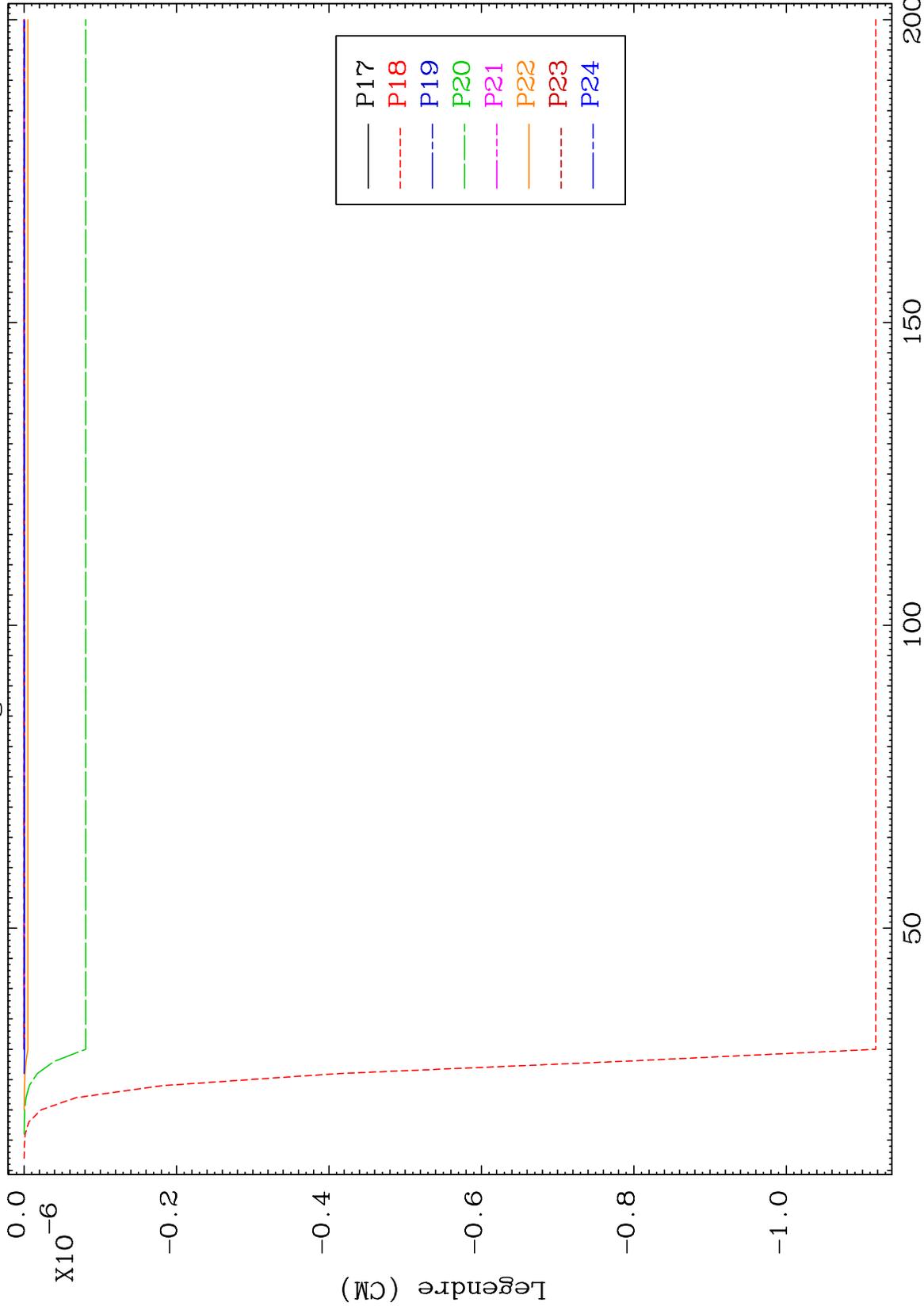
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



33

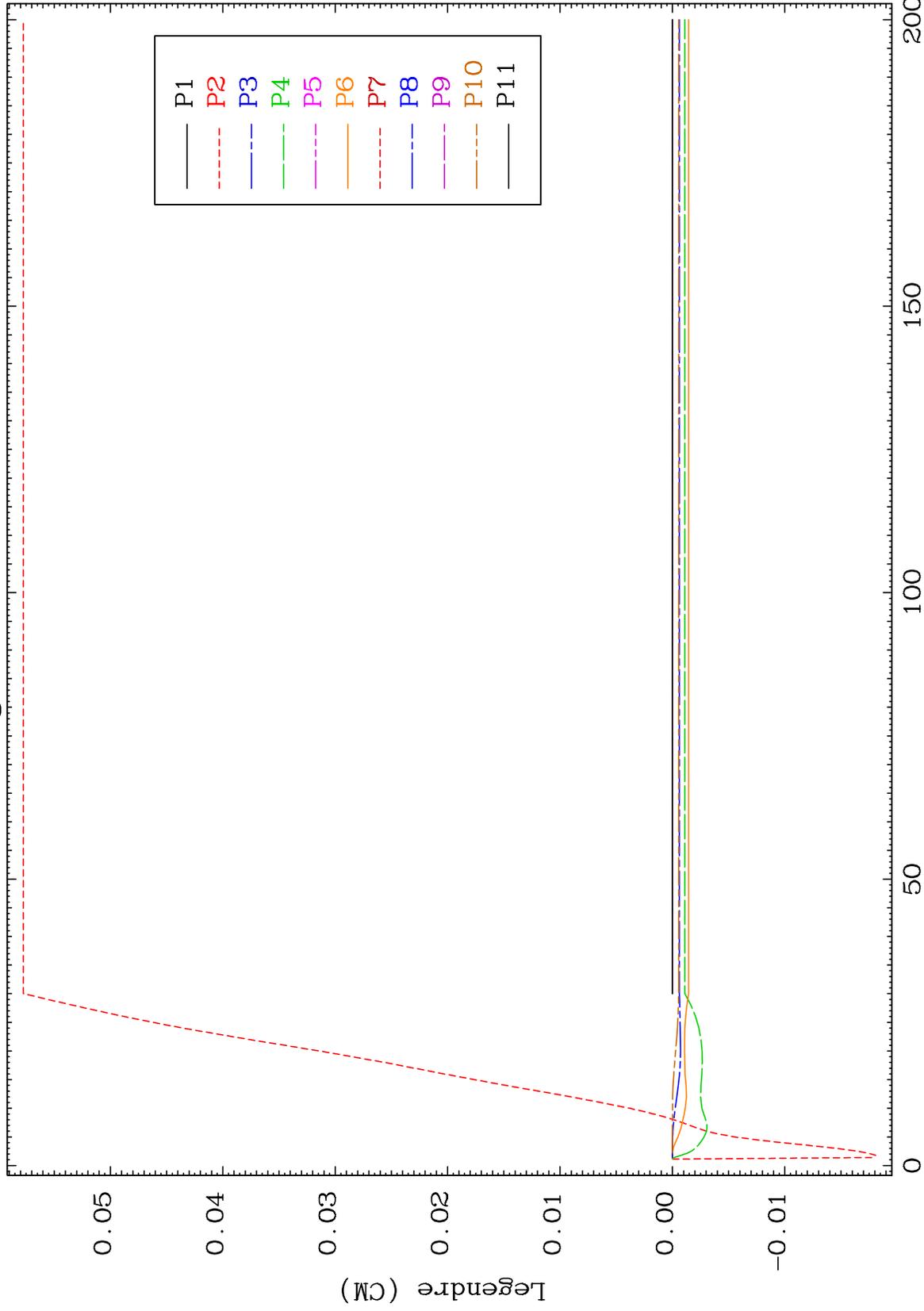
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



34

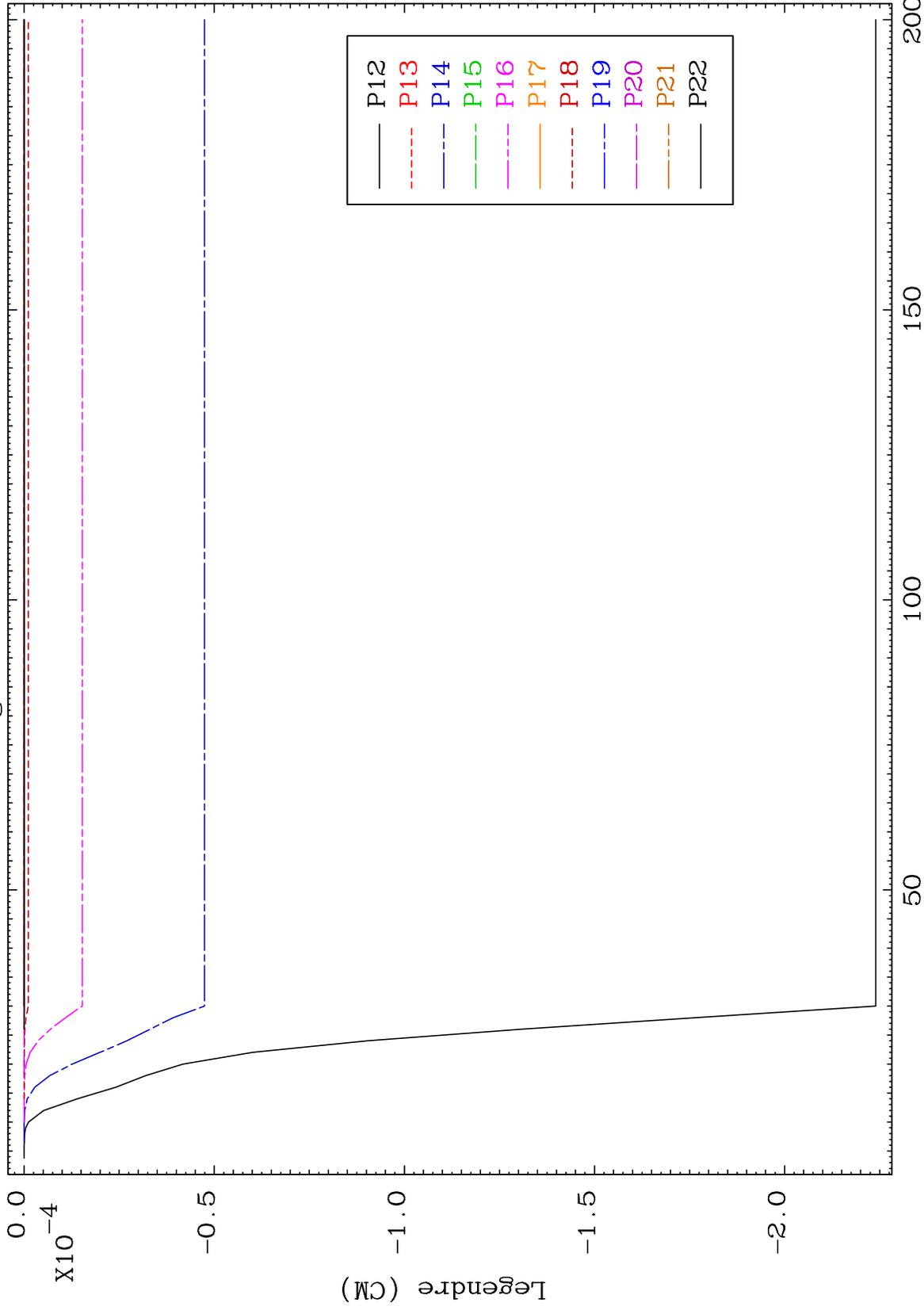
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



35

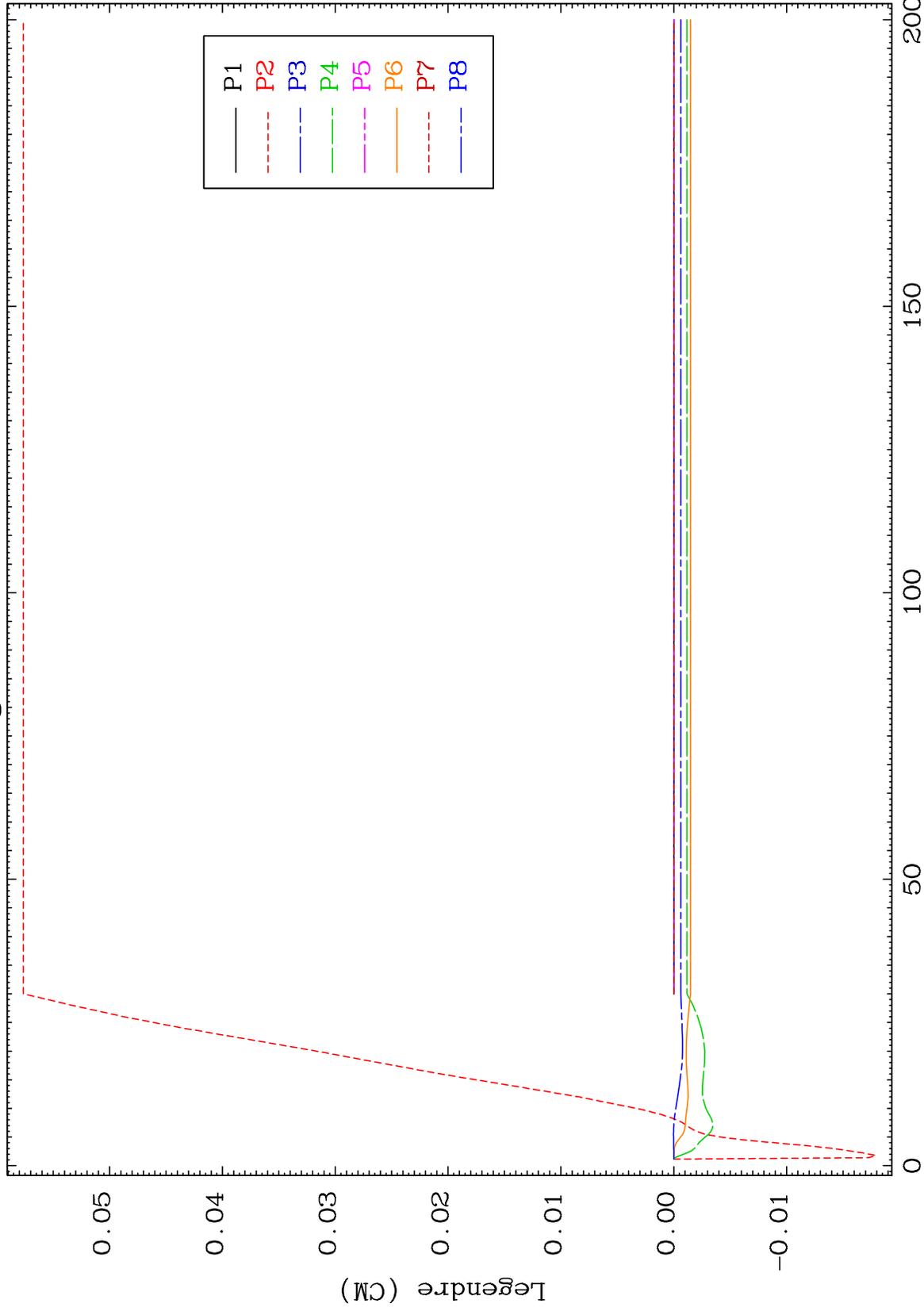
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



36

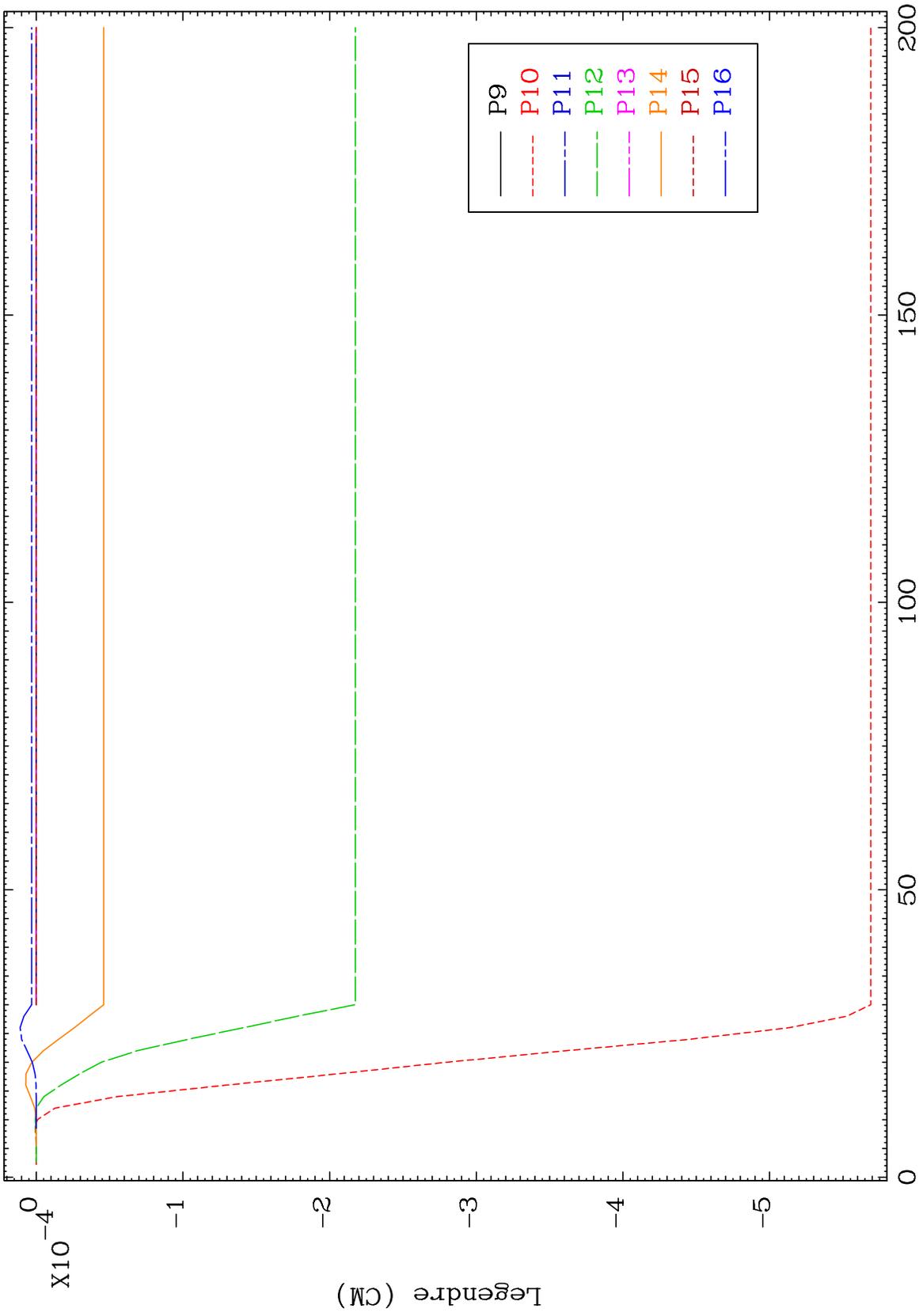
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



37

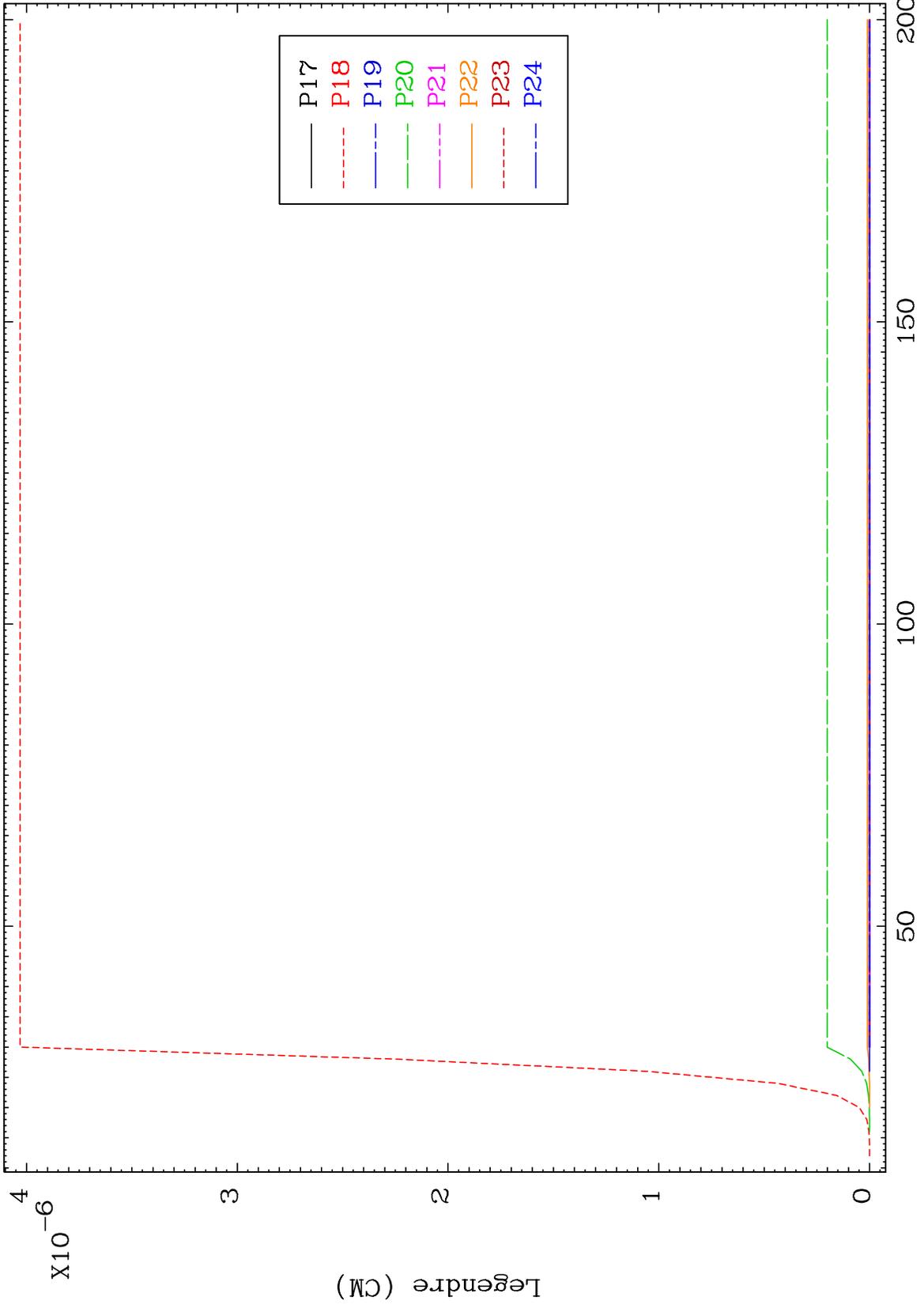
Incident Energy (MeV)

49-In-113

MAT 4925

MT= 57 (n,n') Level  
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49-In-113



38

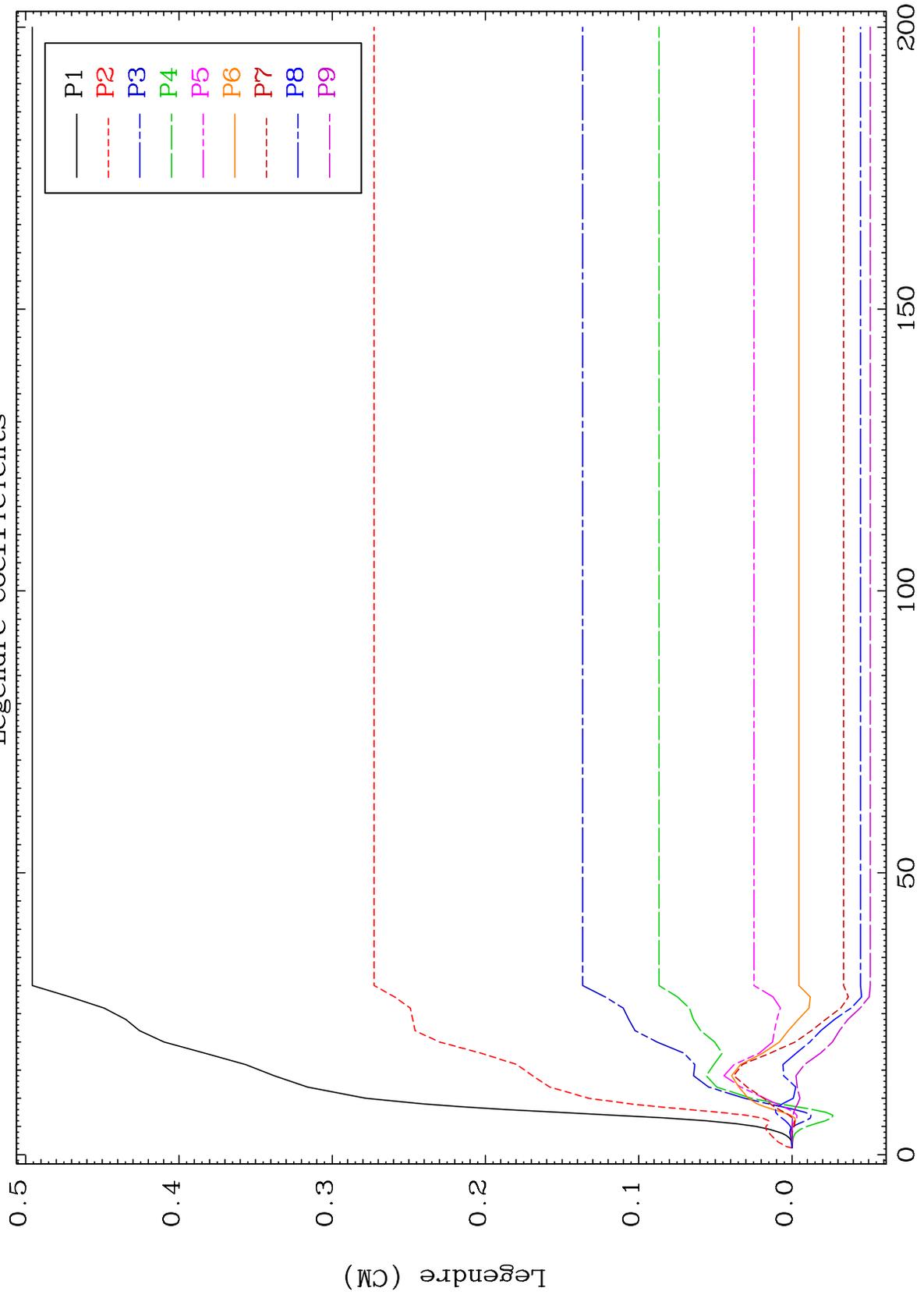
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



39

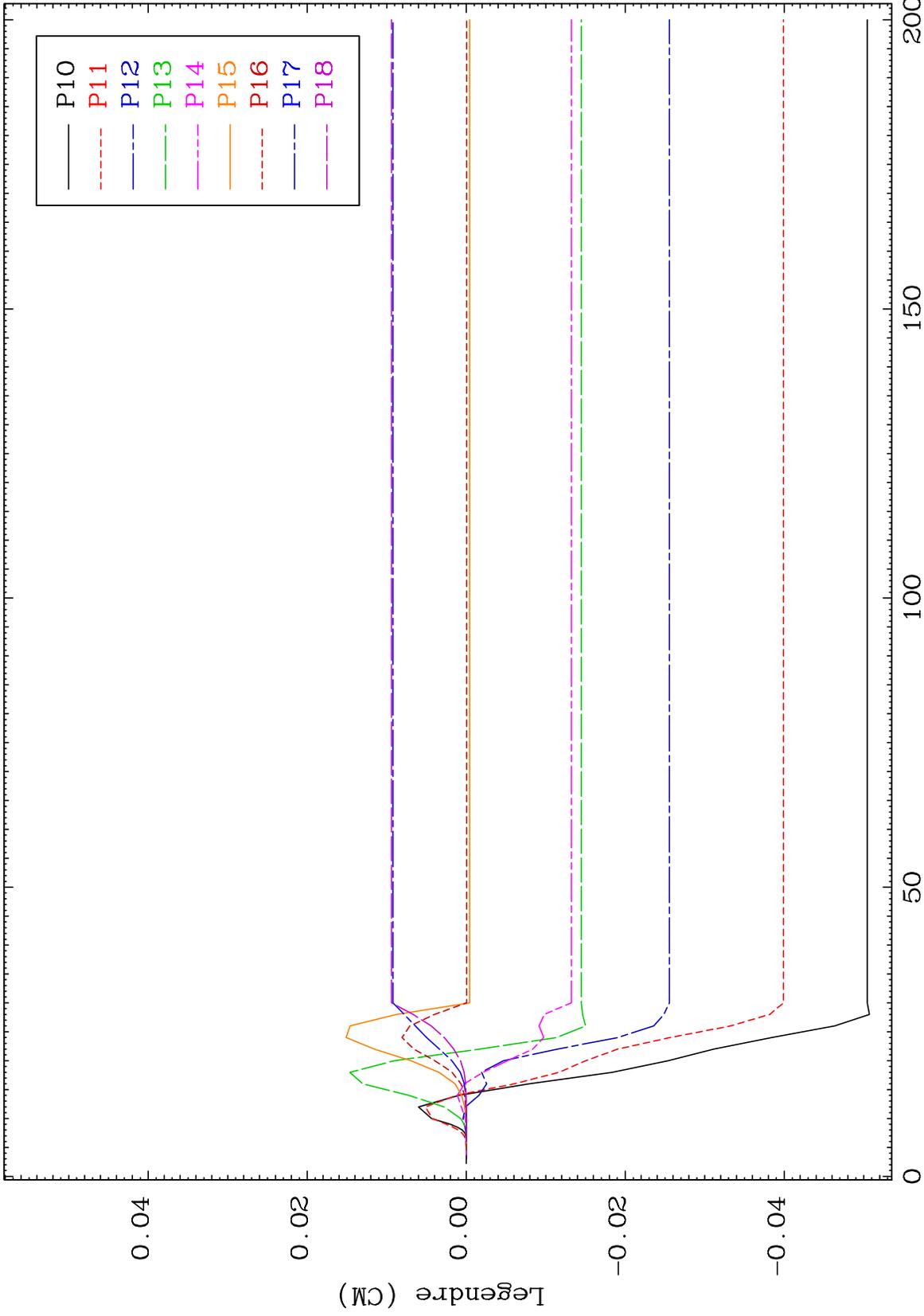
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



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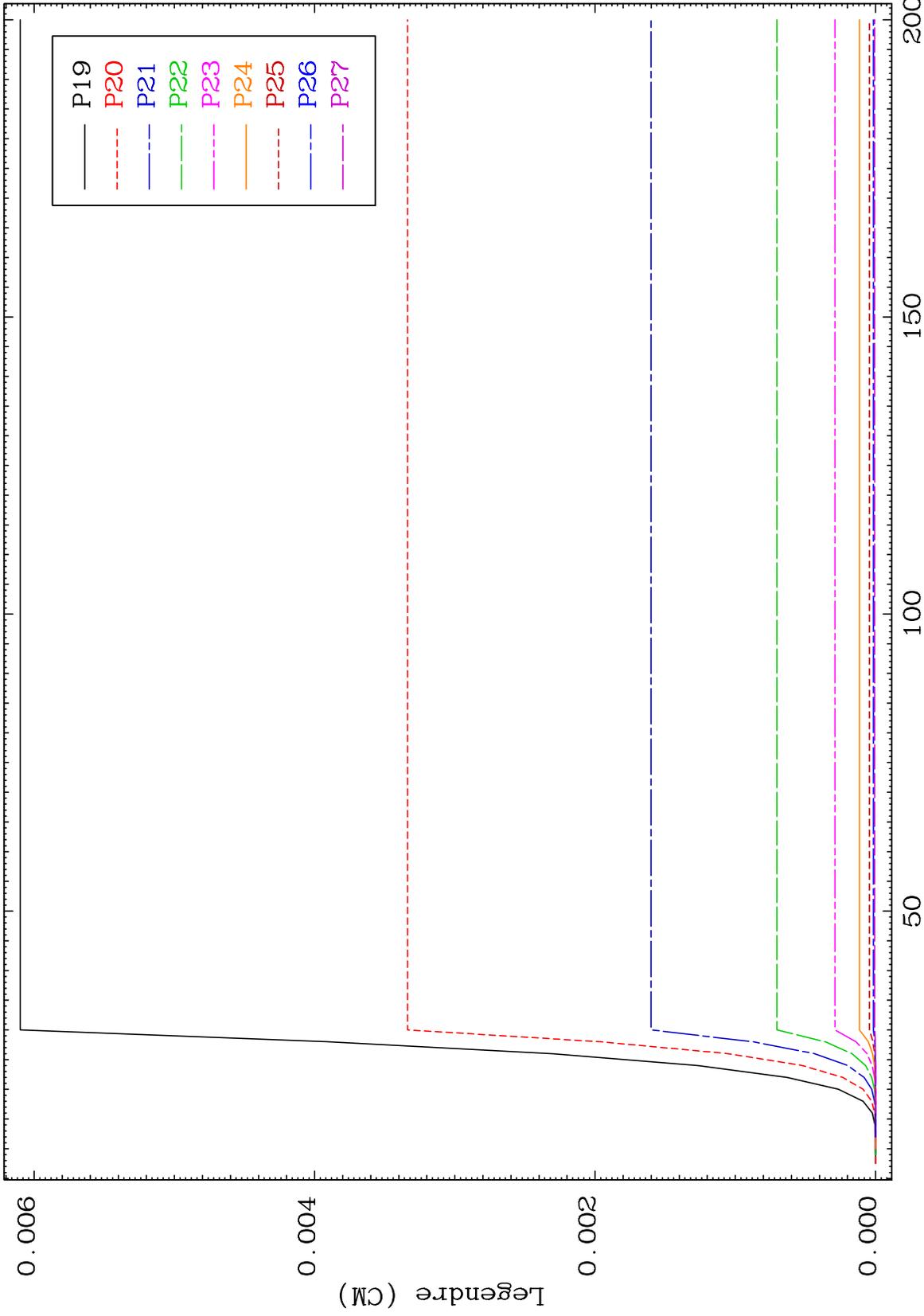
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49-In-113

MAT 4925

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

49-In-113



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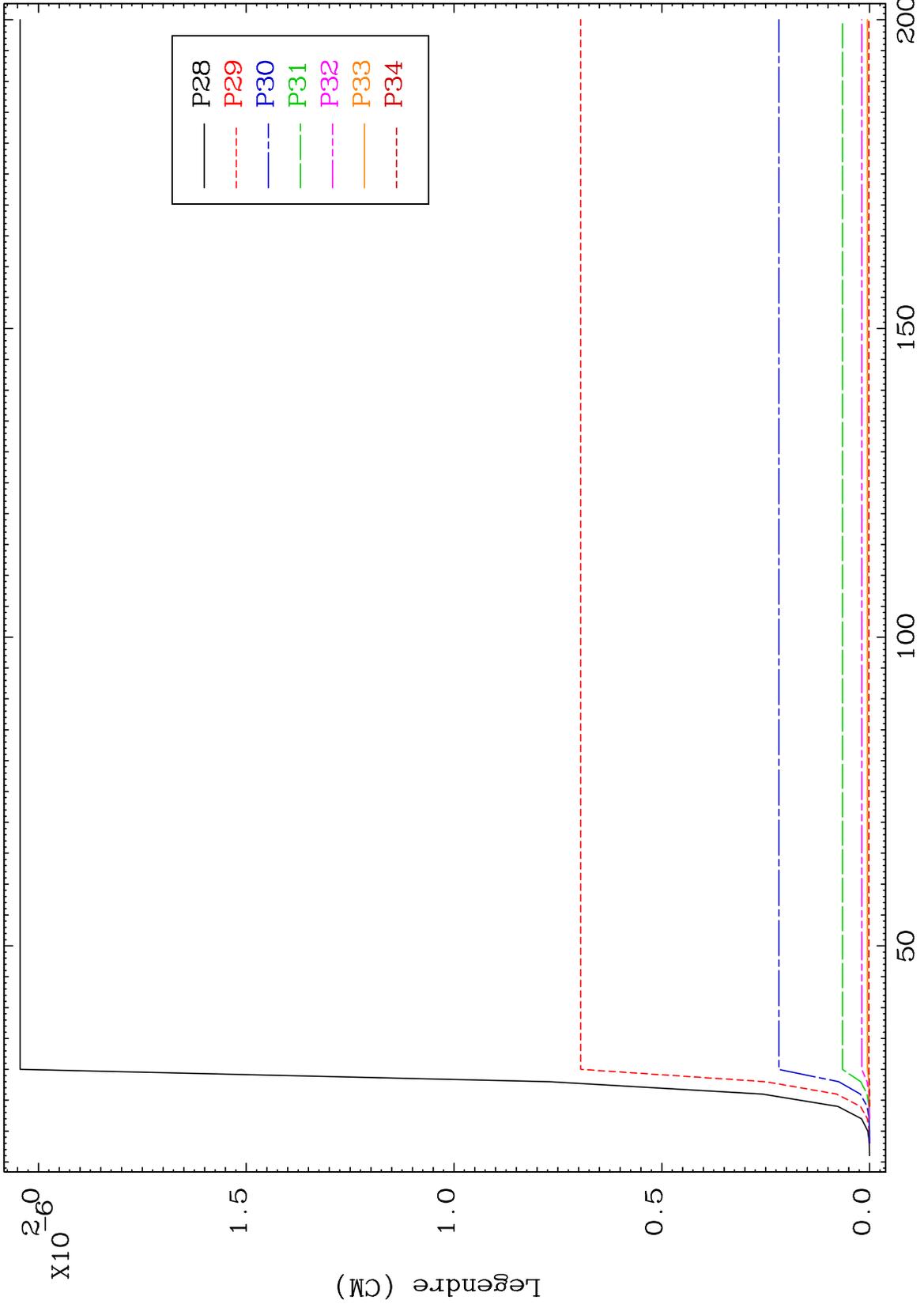
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49-In-113

MAT 4925

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

49-In-113



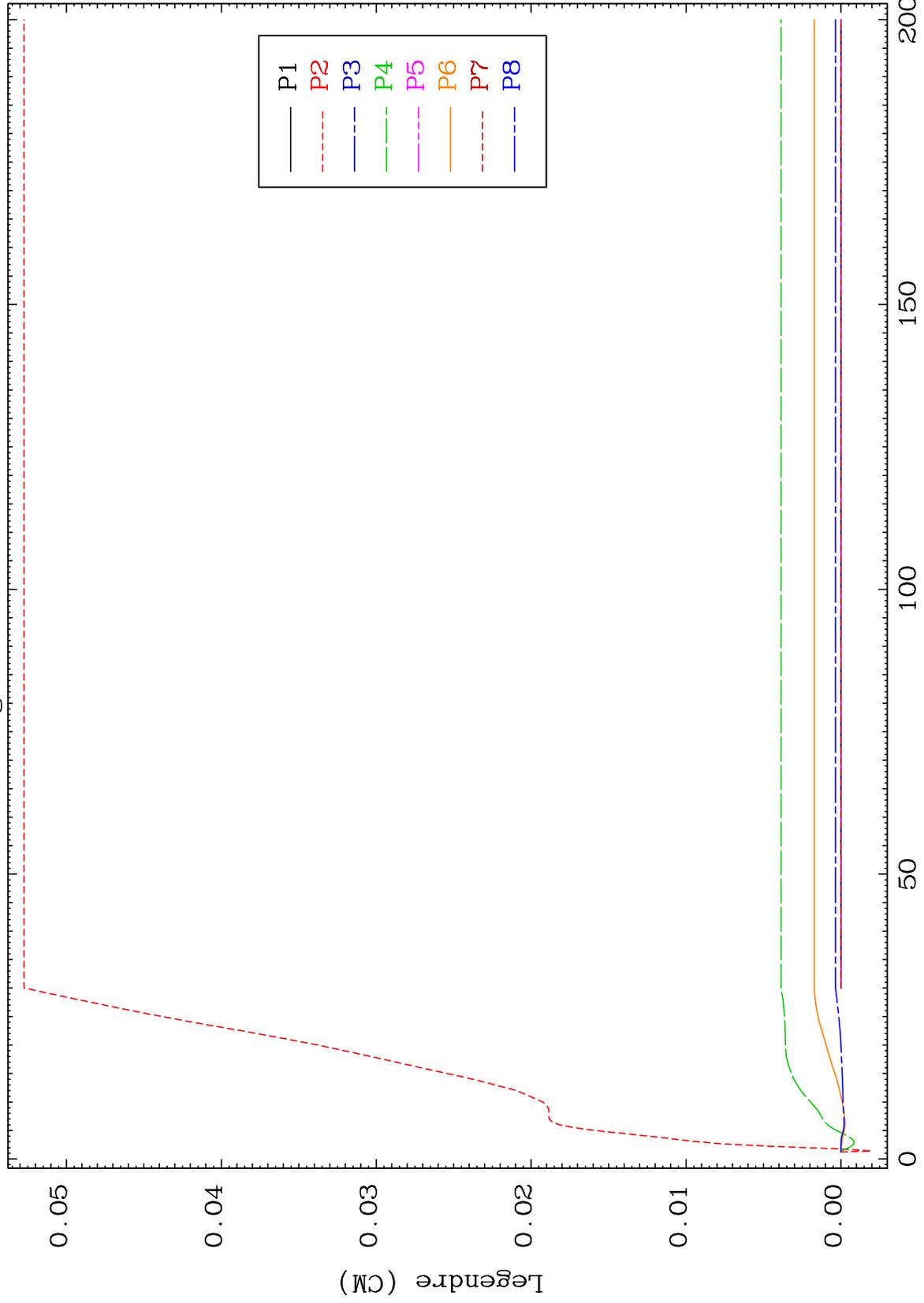
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49-In-113

MAT 4925

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

49-In-113



43

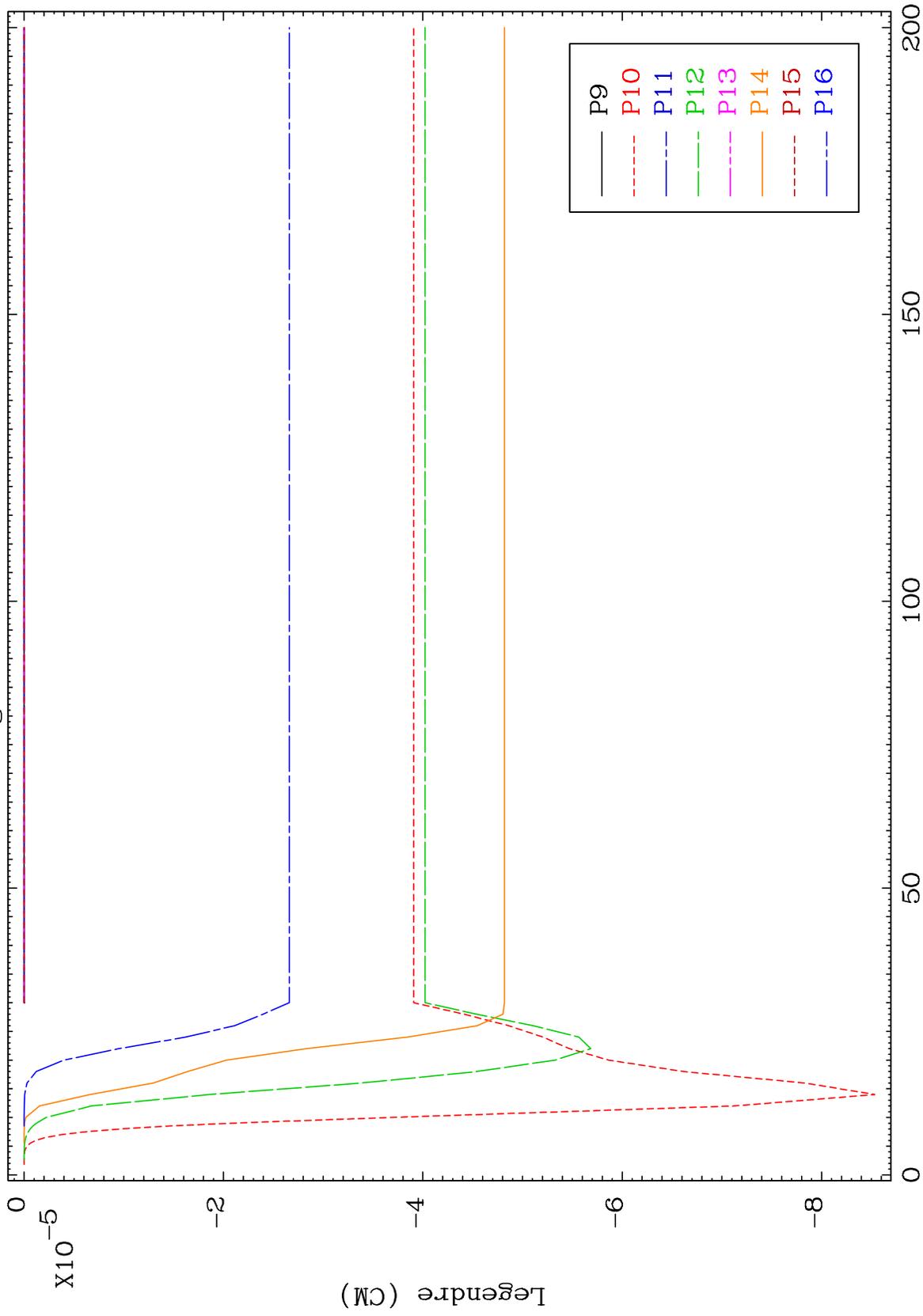
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MT= 59 (n,n') Level  
Legendre Coefficients

49-In-113



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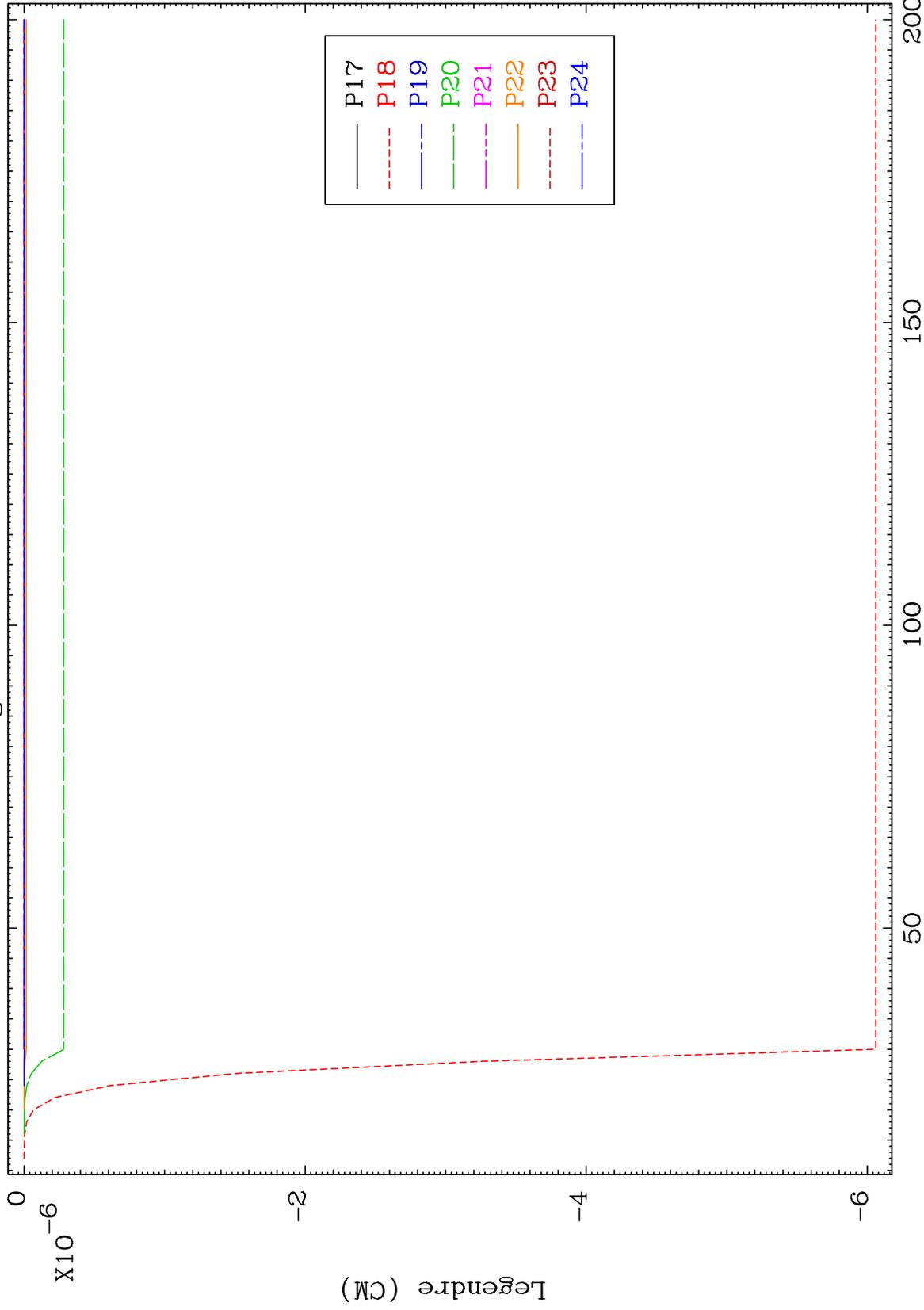
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49-In-113

MAT 4925

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

49-In-113



45

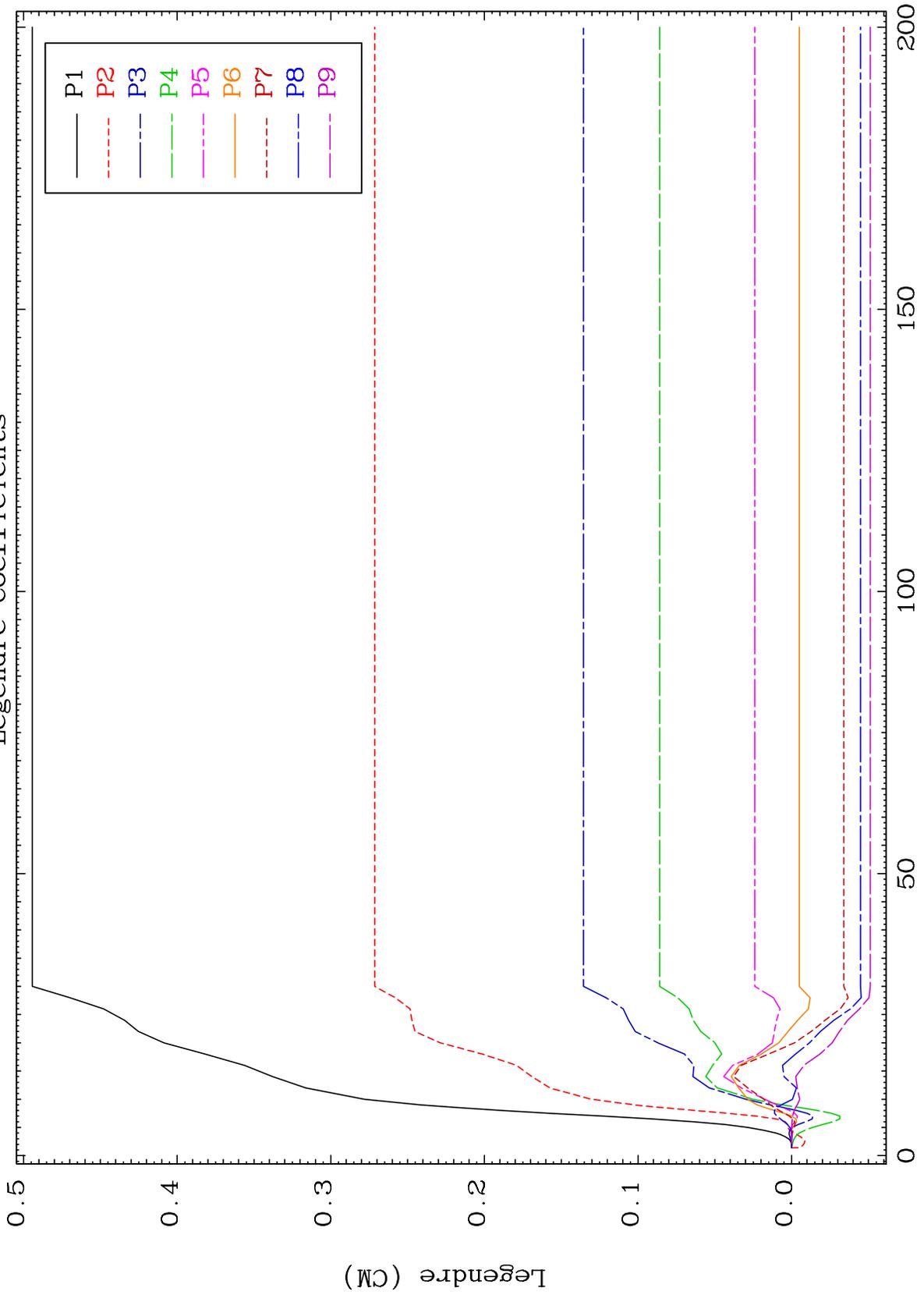
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49-In-113

MAT 4925

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

49-In-113



46

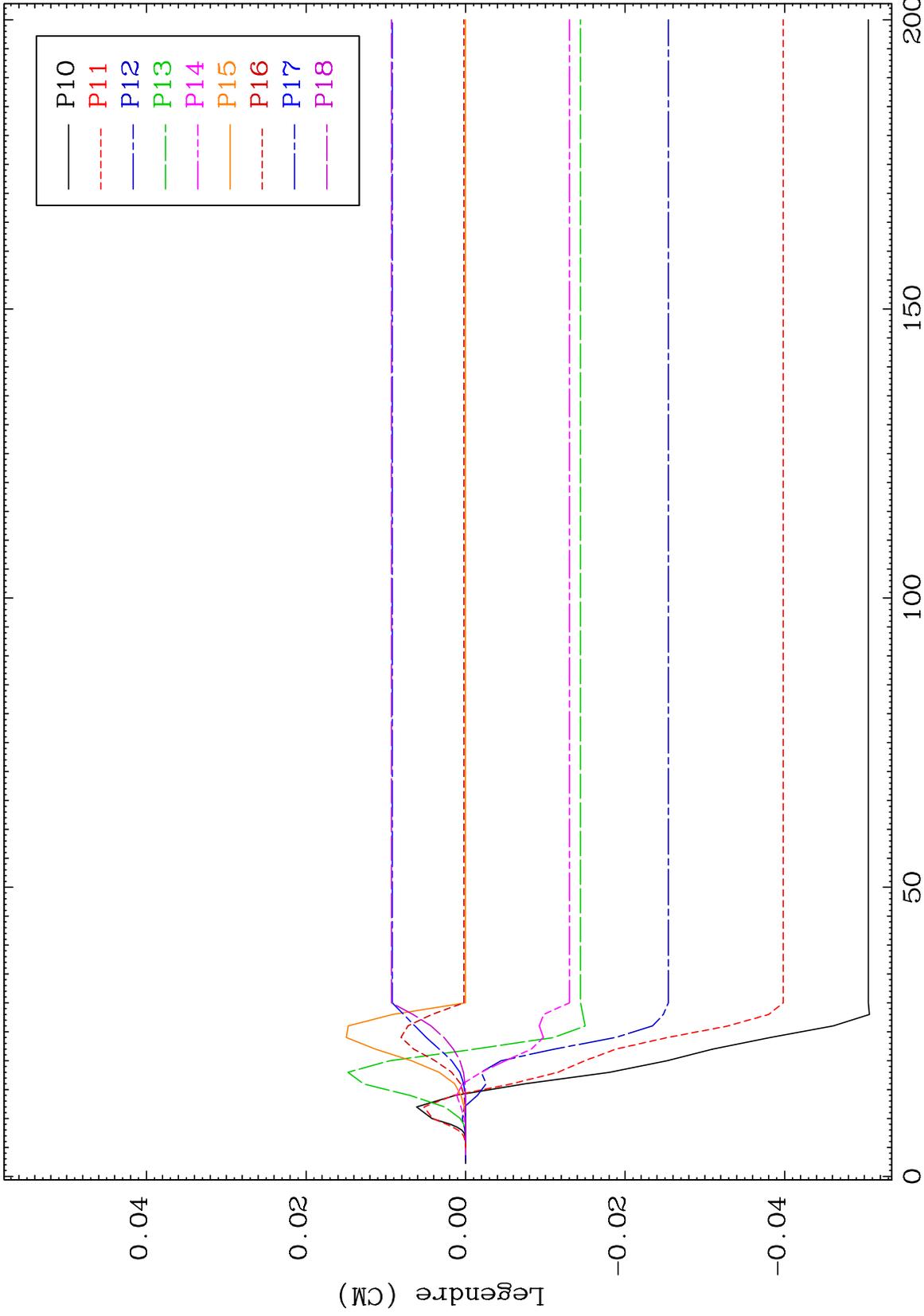
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MAT 4925

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

49-In-113



47

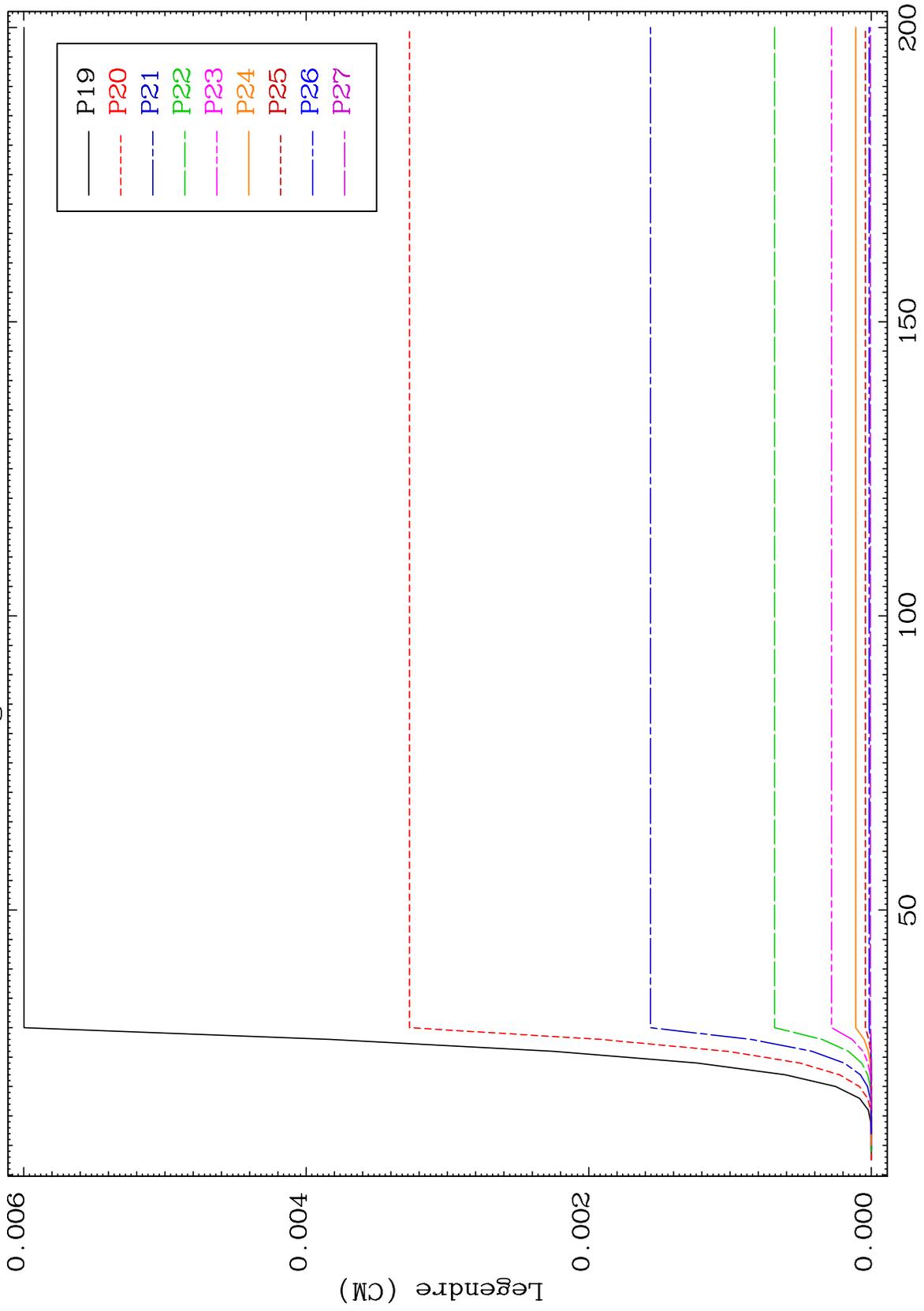
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



48

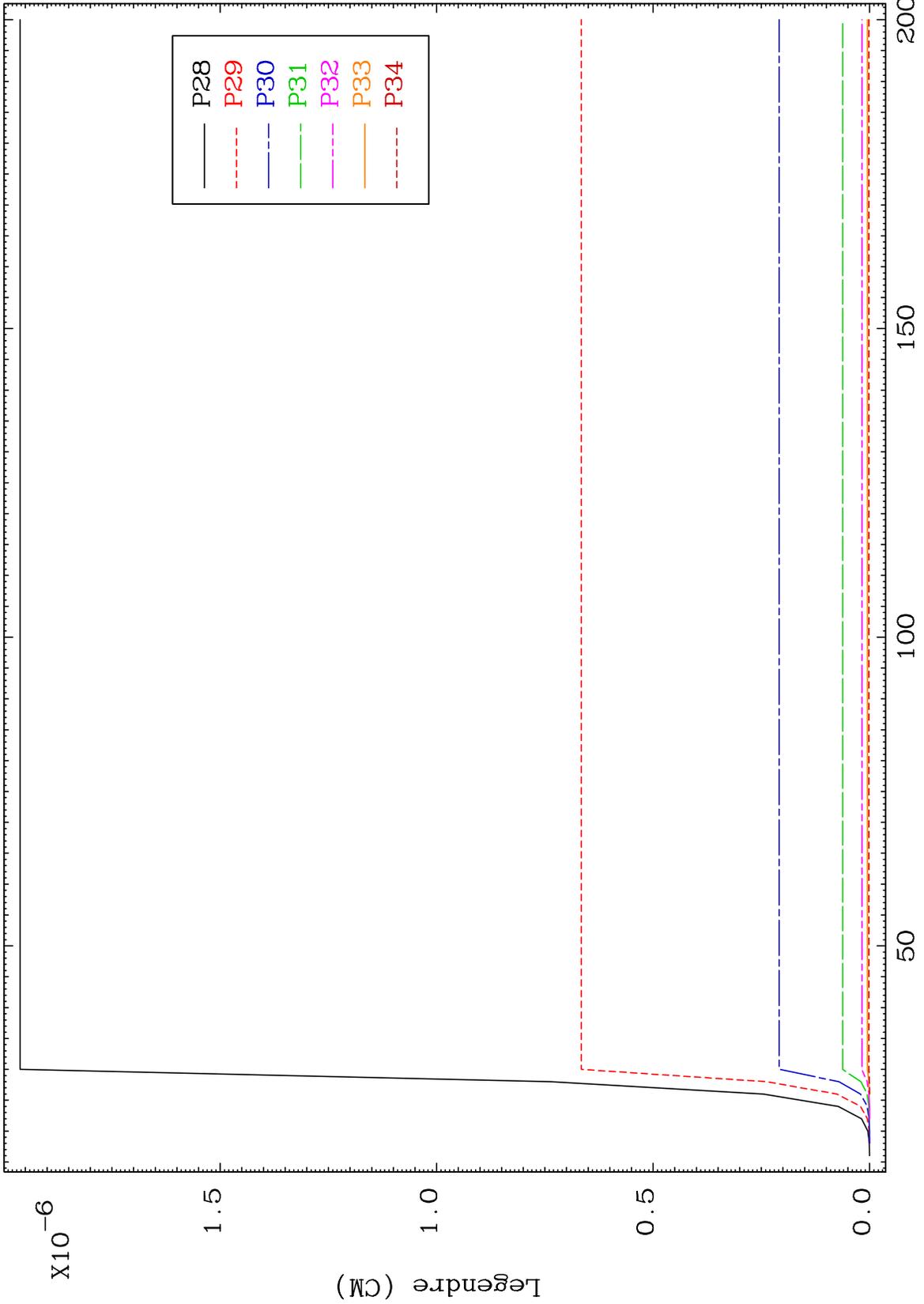
Incident Energy (MeV)

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MAT 4925

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

49-In-113



49

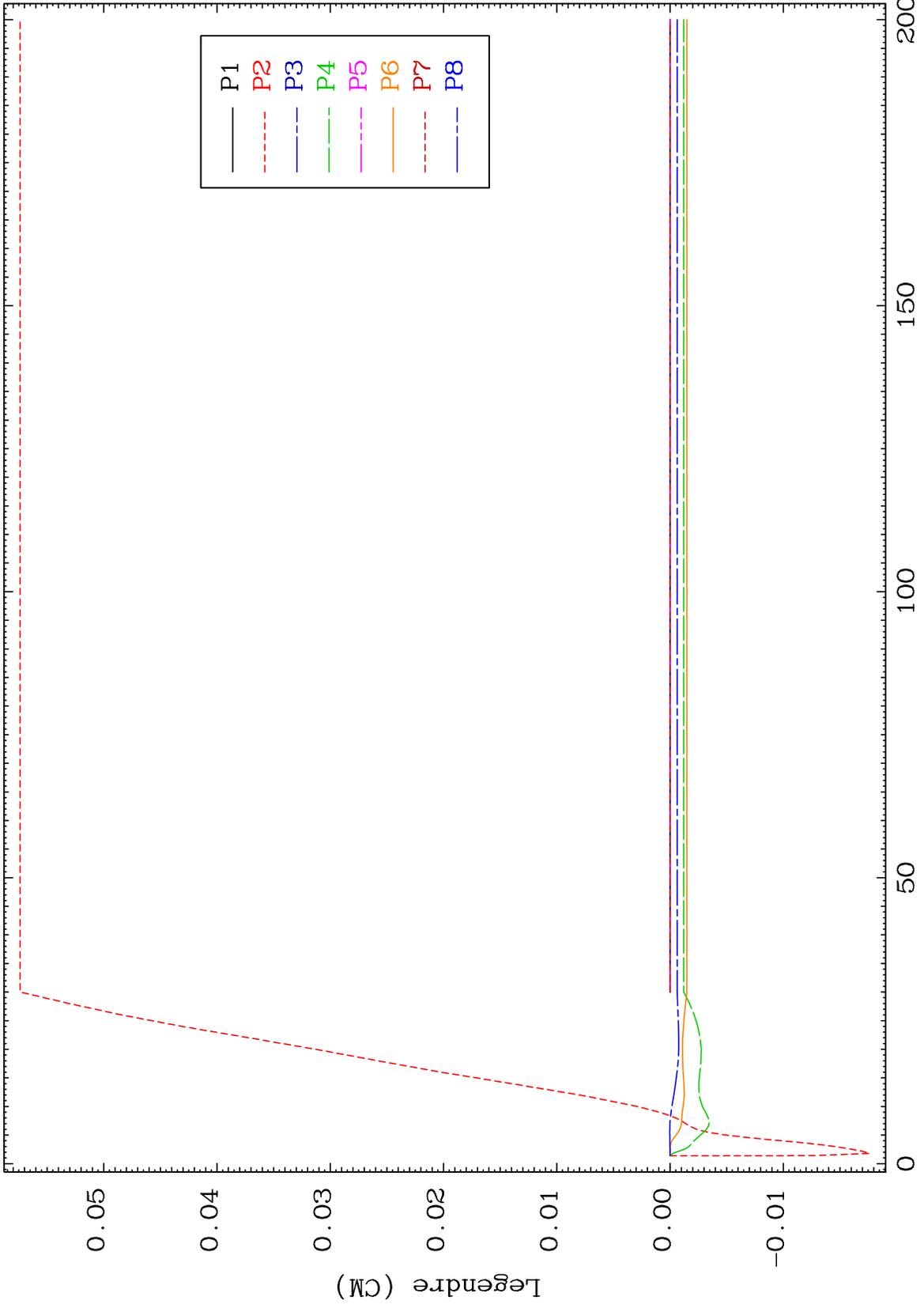
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49-In-113

MAT 4925

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

49-In-113



49-In-113

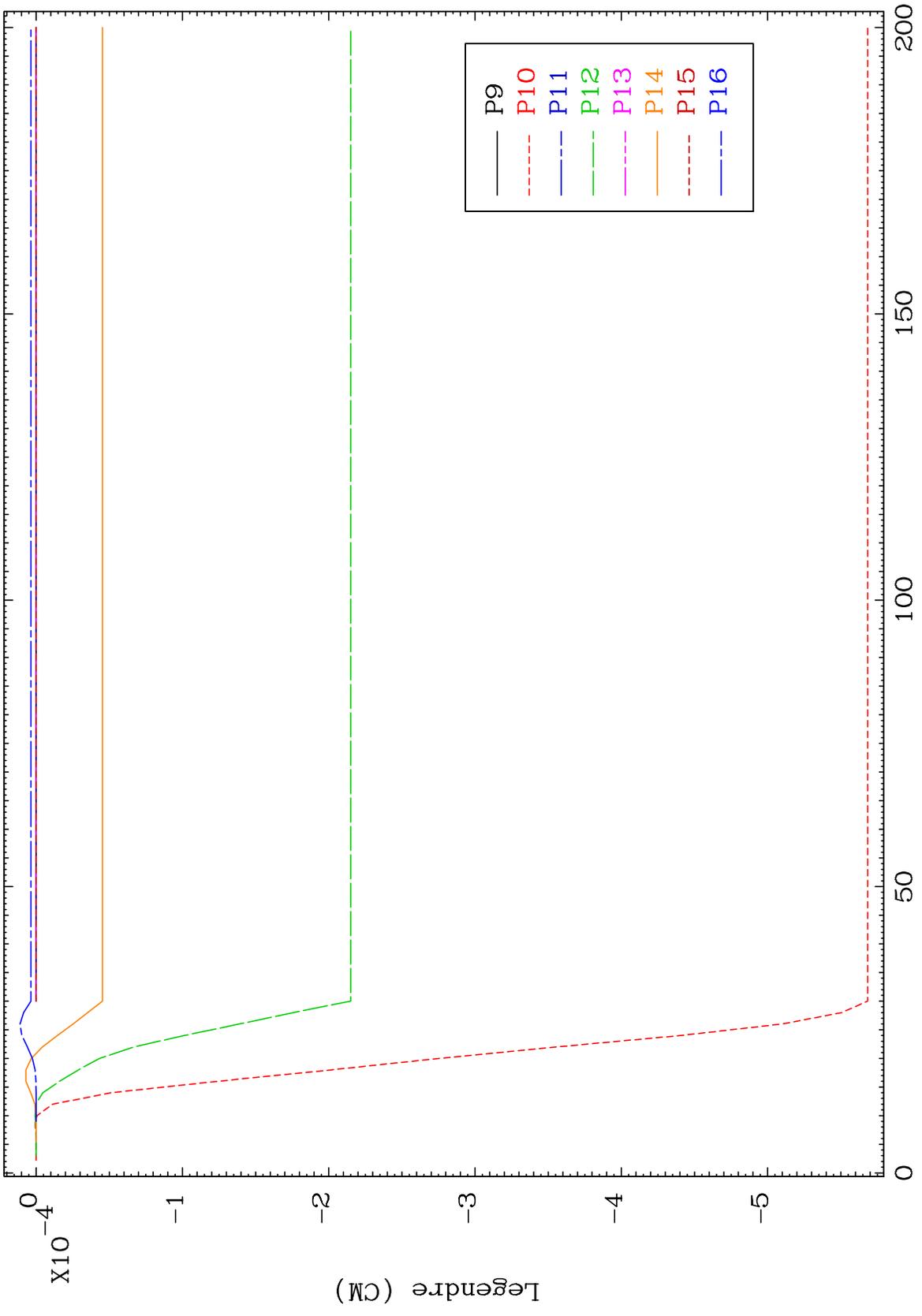
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Legendre (CM)

MAT 4925

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

49-In-113



51

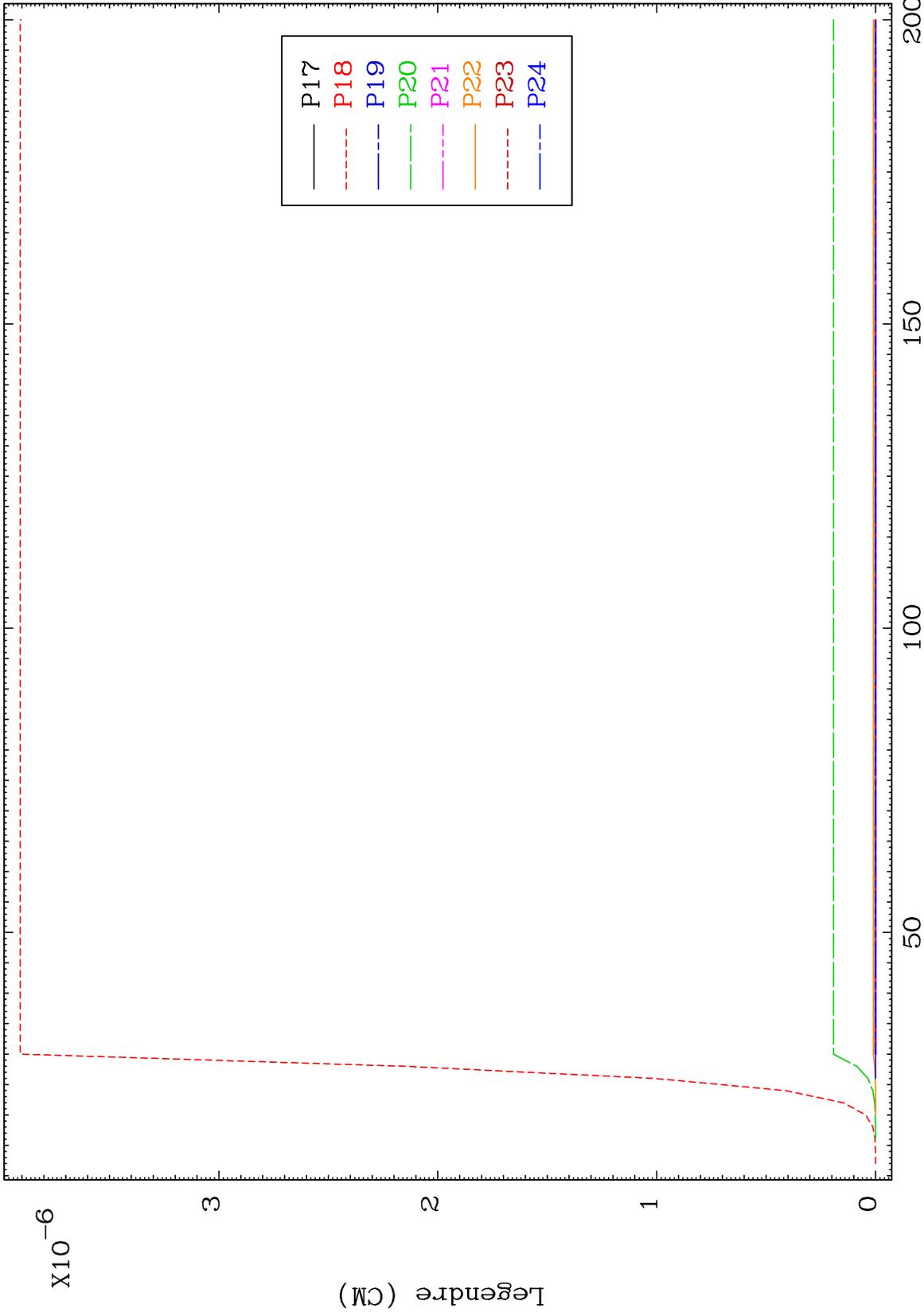
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



52

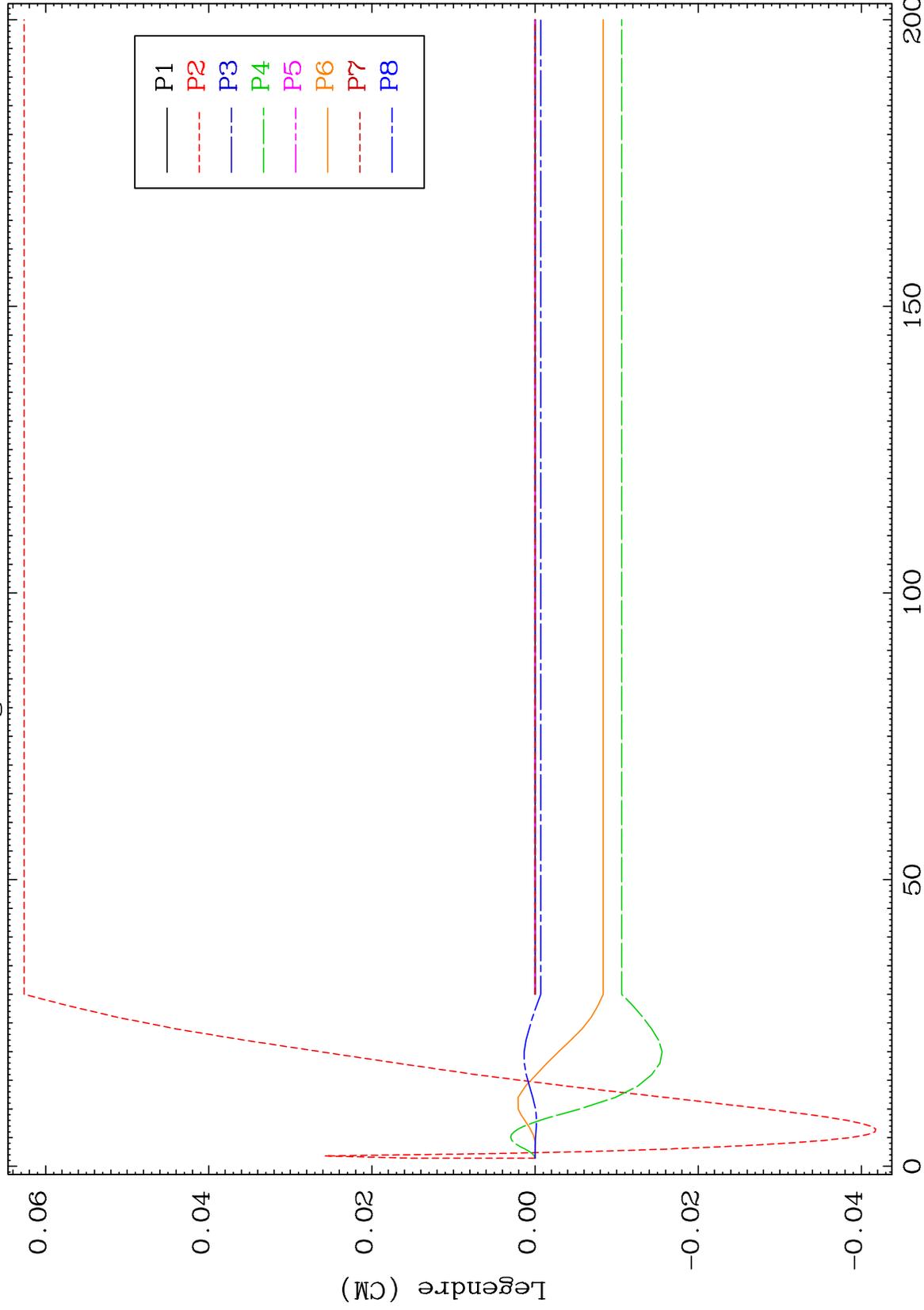
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49-In-113

MAT 4925

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

49-In-113



53

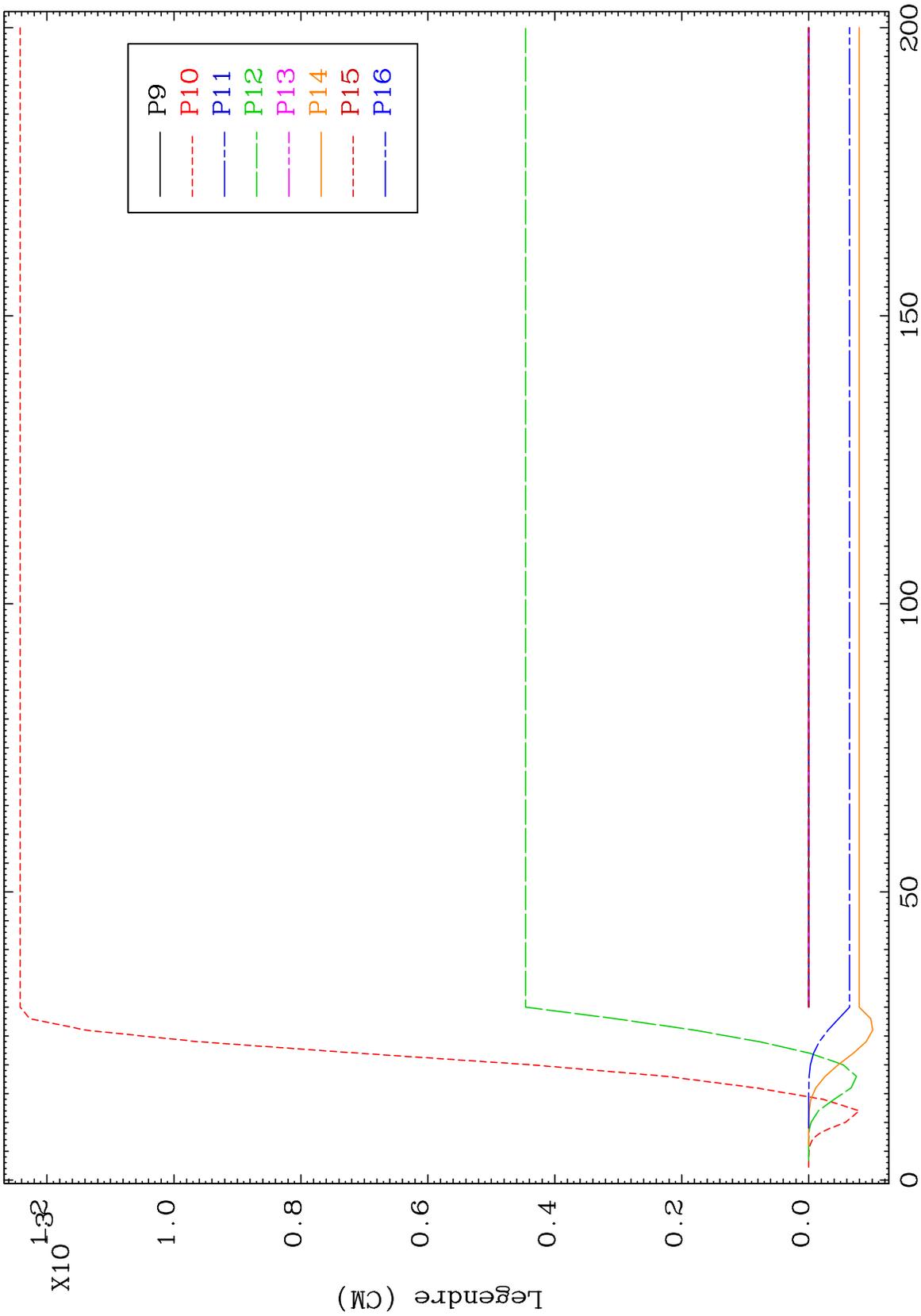
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49-In-113

MAT 4925

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

49-In-113



54

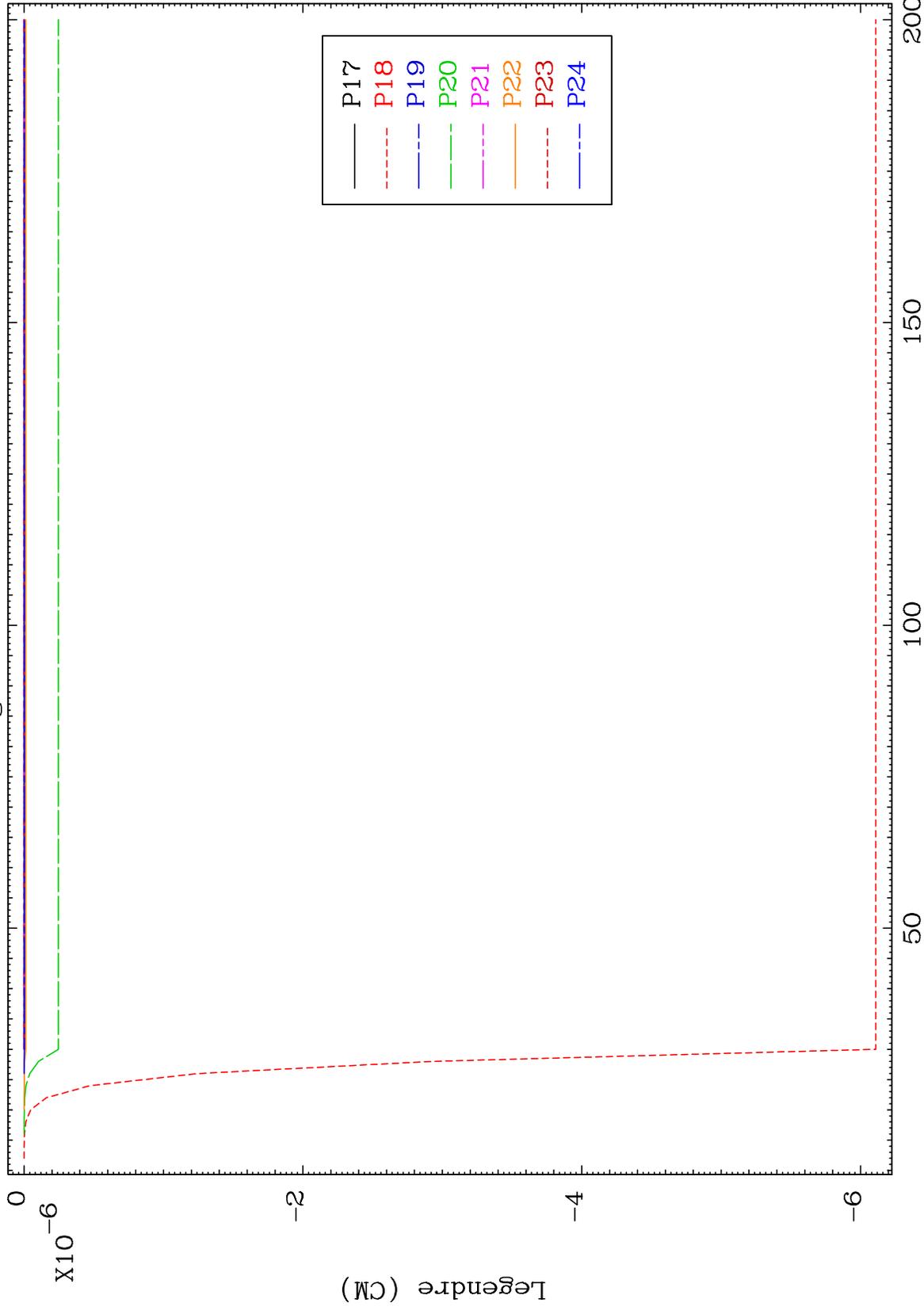
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49-In-113

MAT 4925

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

49-In-113



55

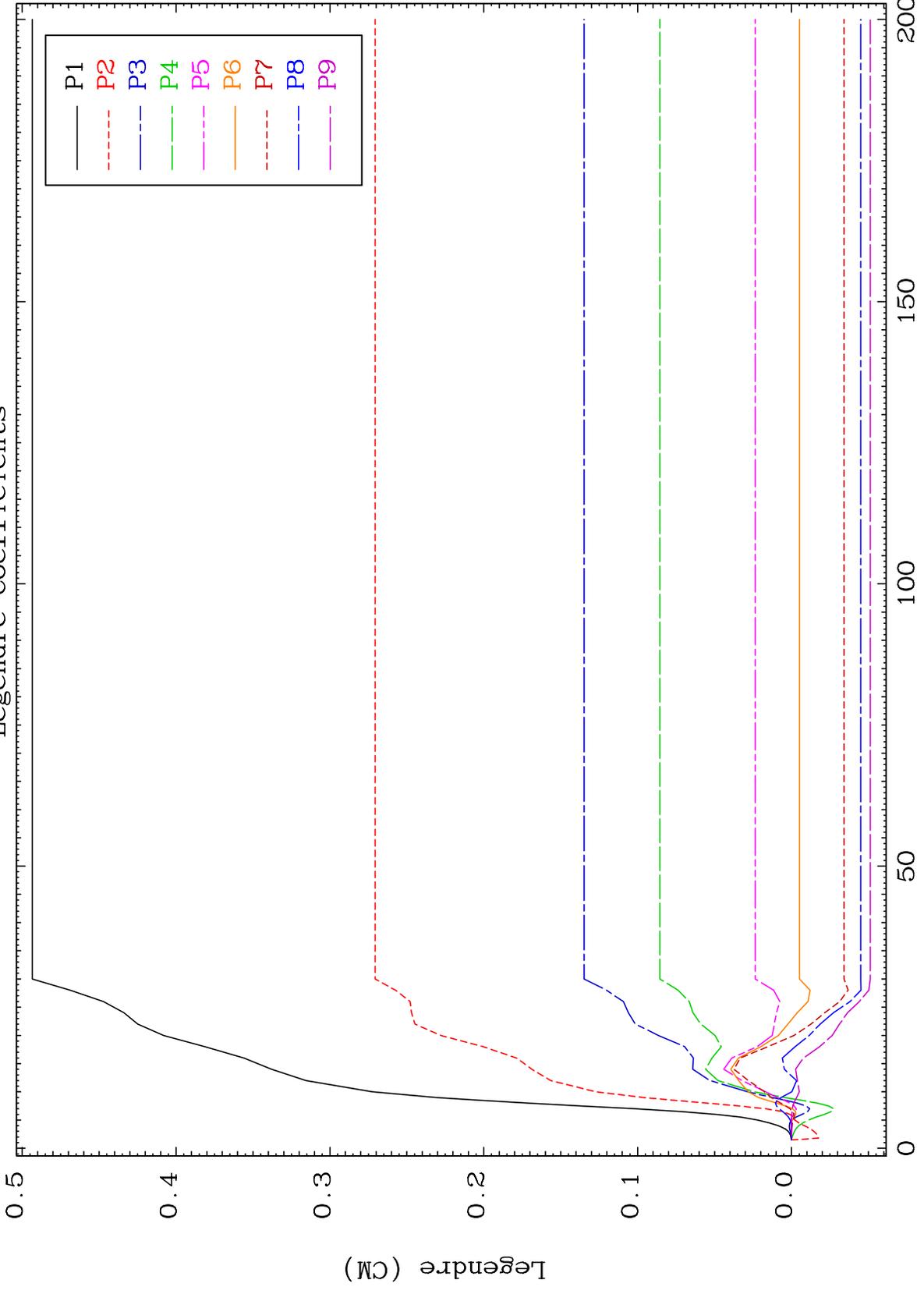
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



56

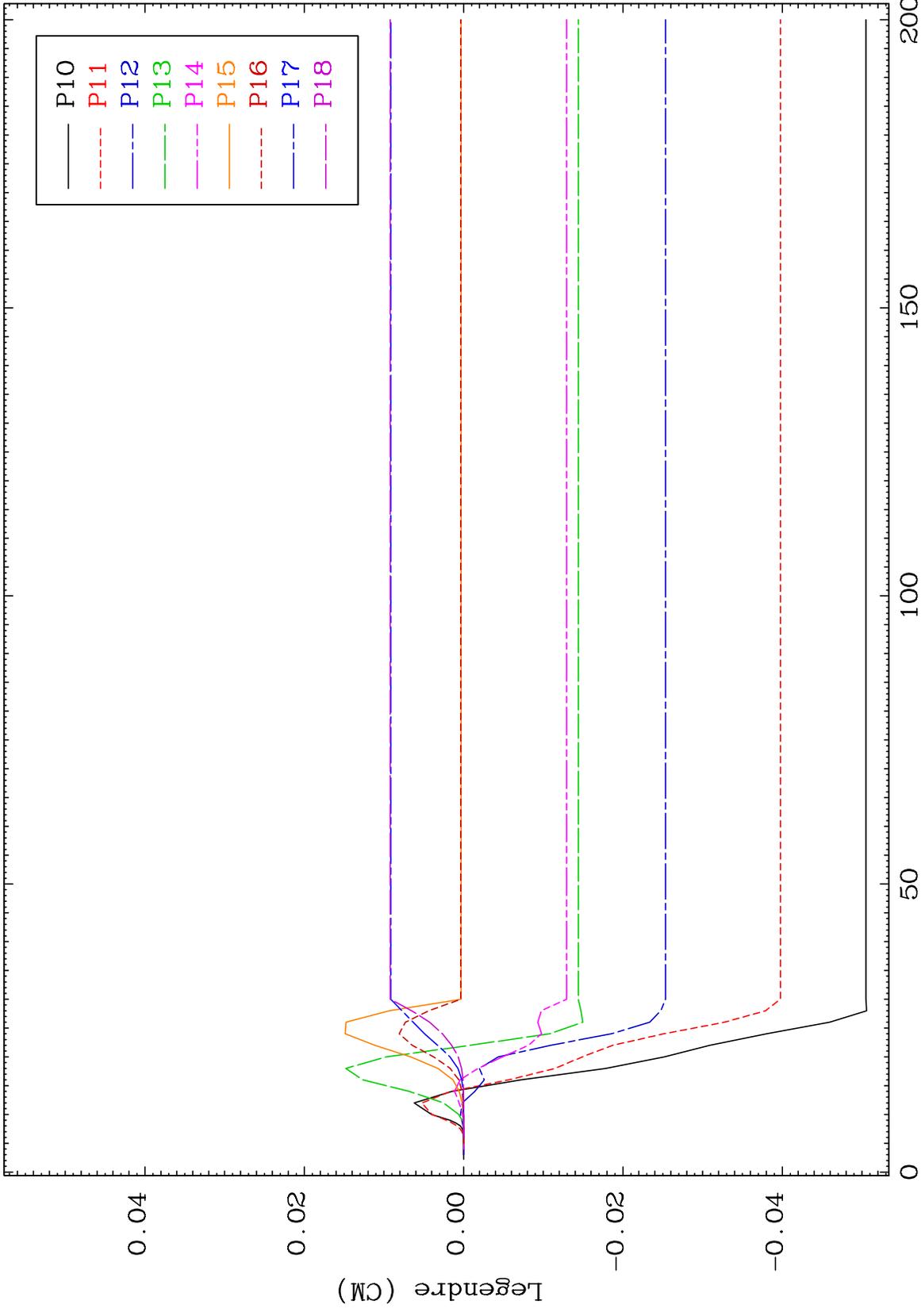
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



57

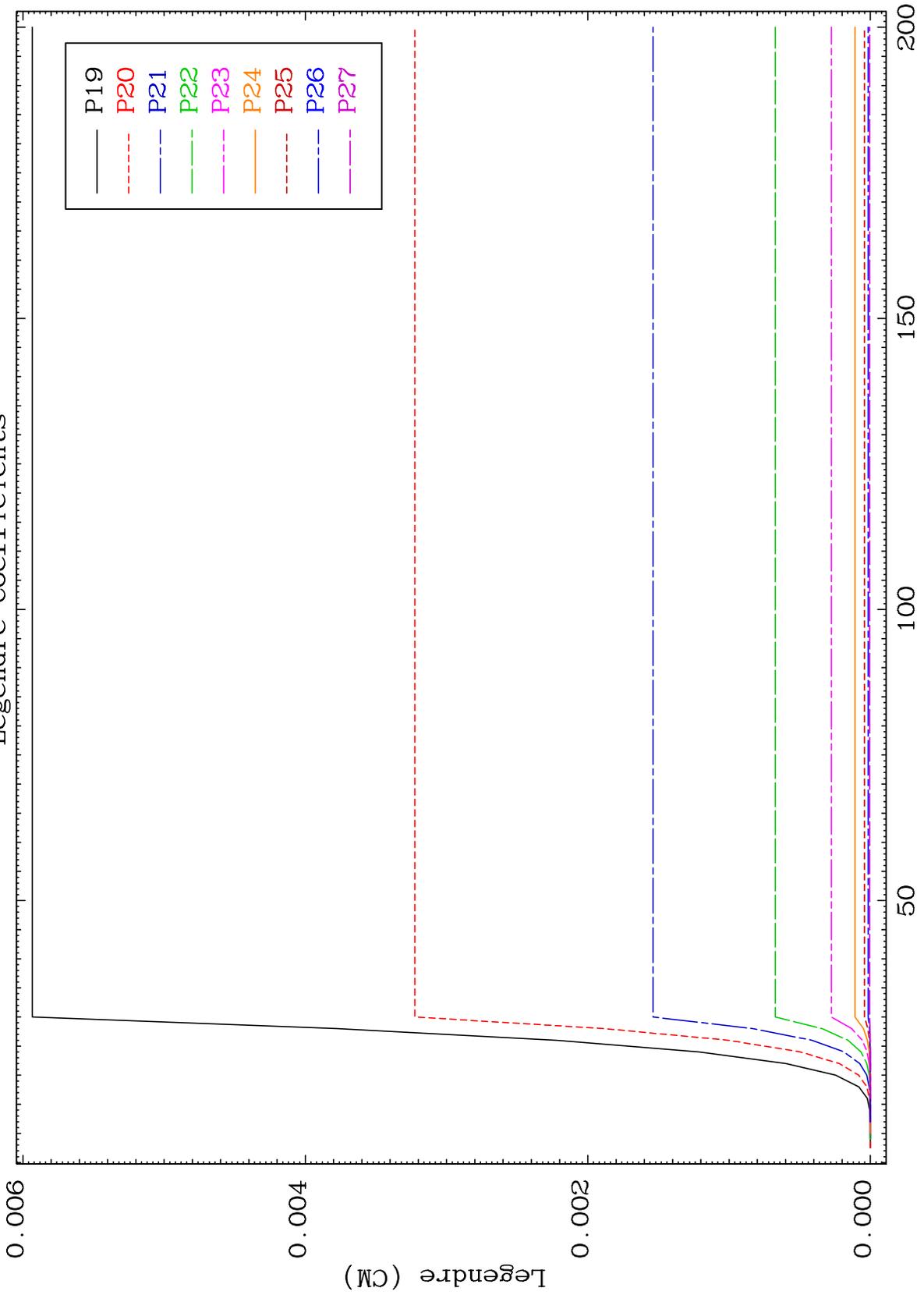
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



58

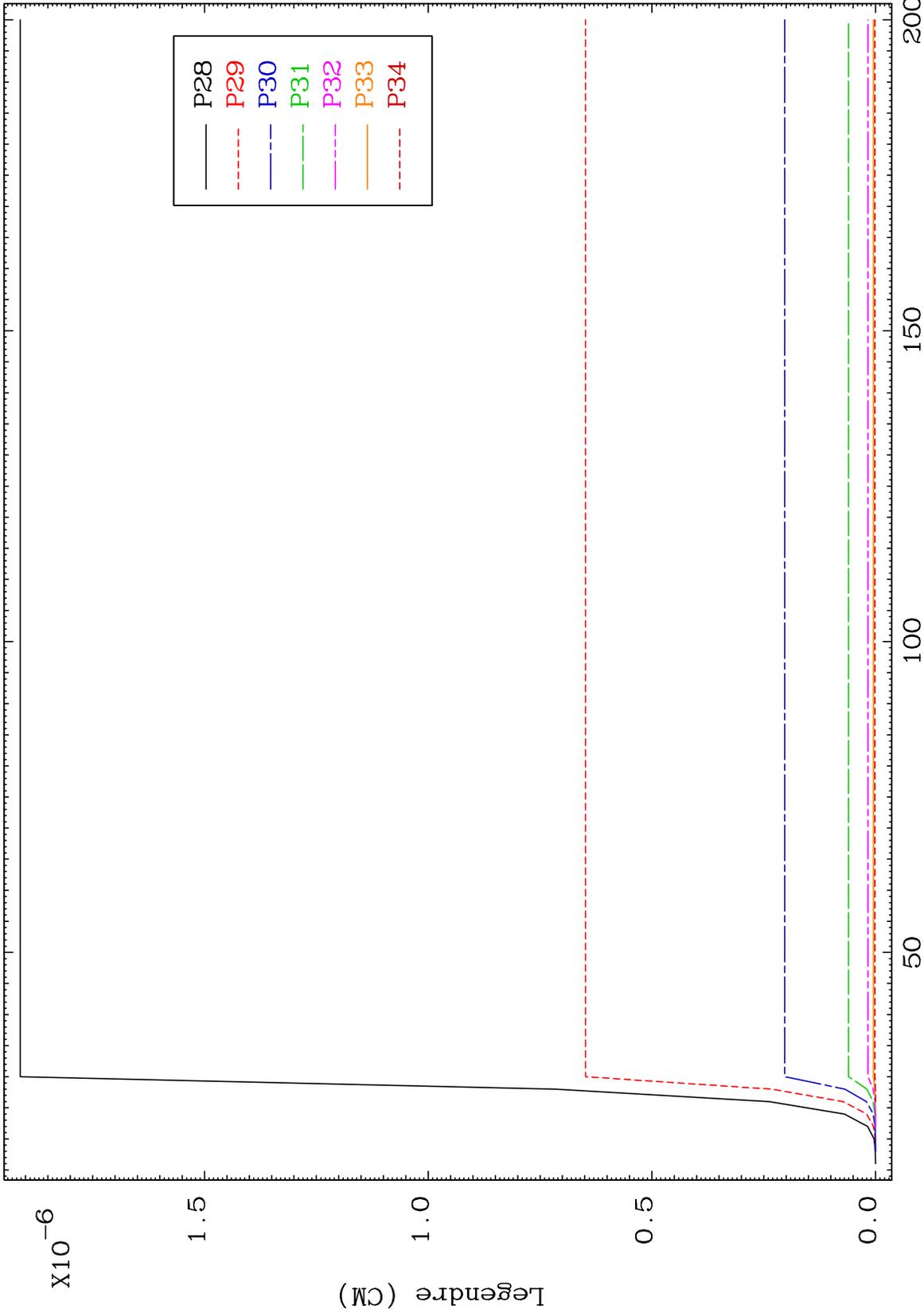
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



59

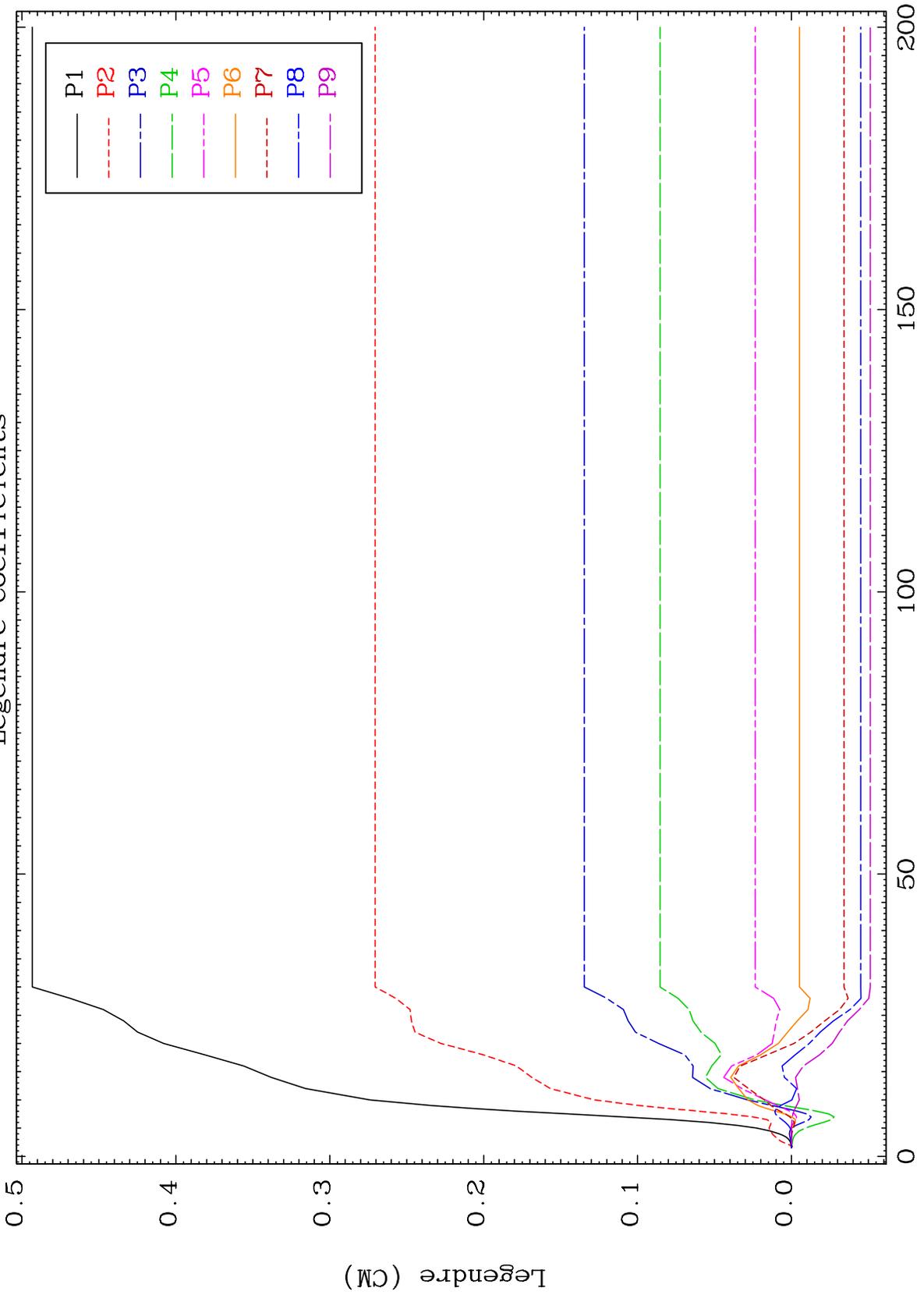
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



60

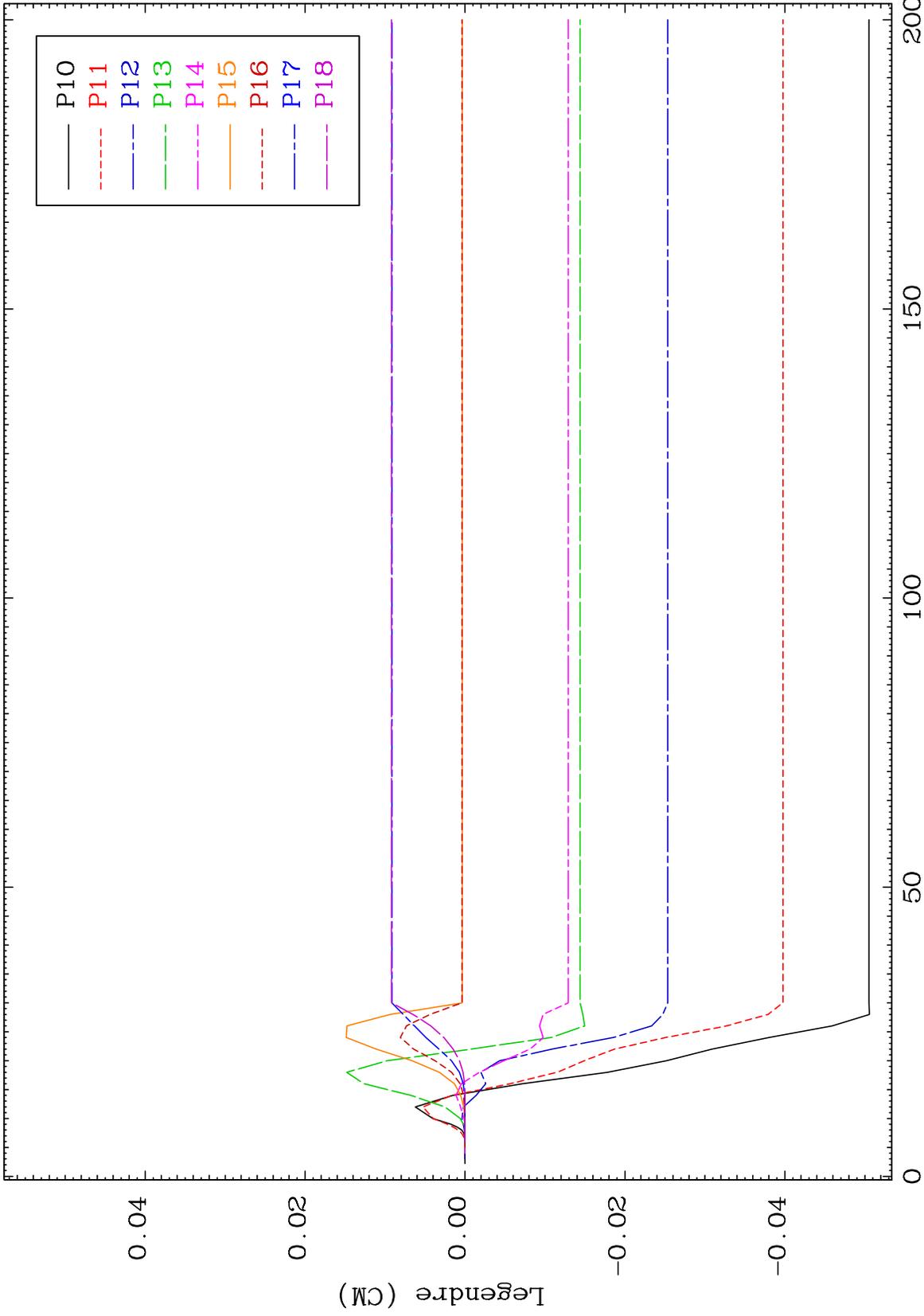
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



61

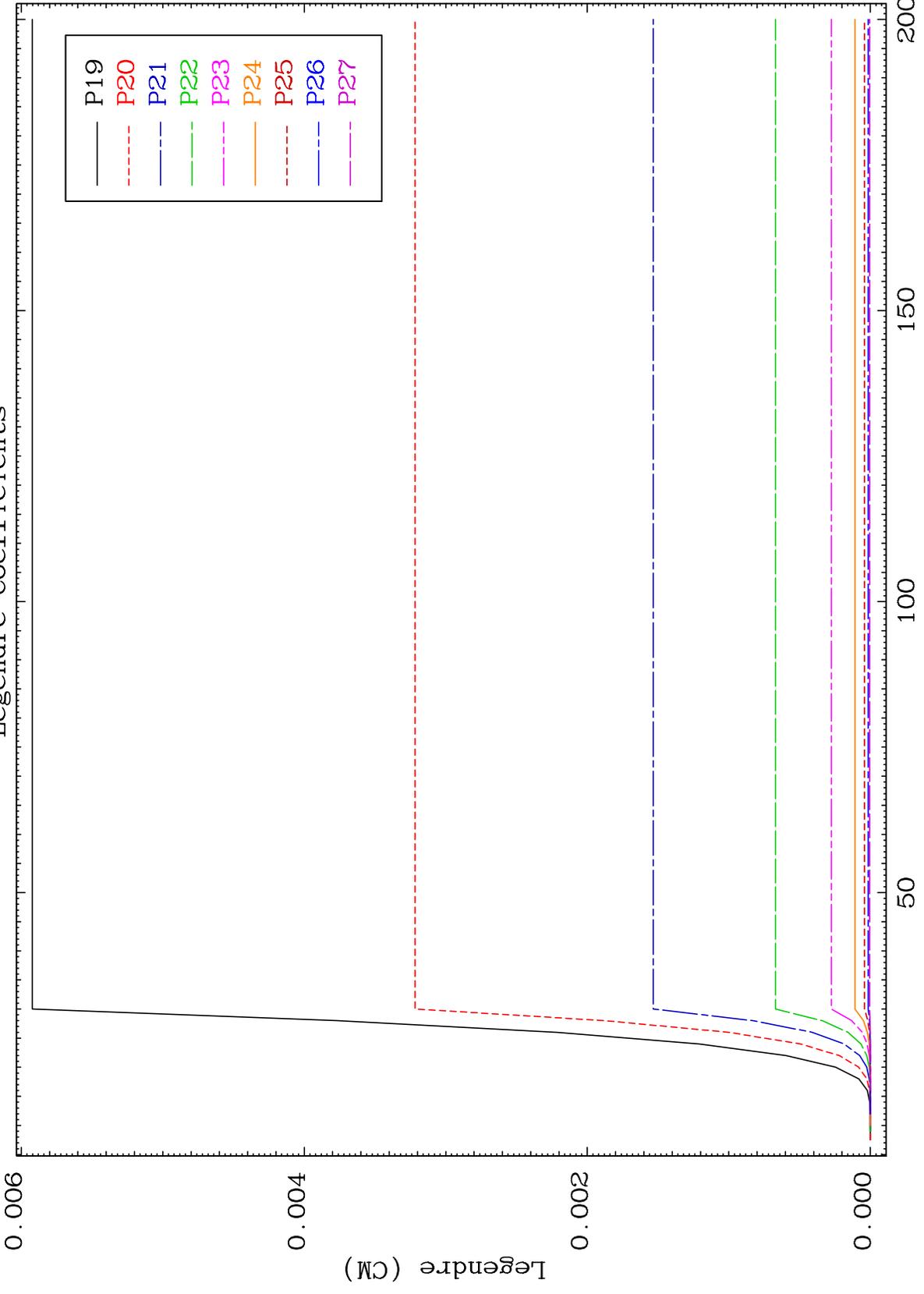
Incident Energy (MeV)

49-In-113

MAT 4925

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

49-In-113



49-In-113

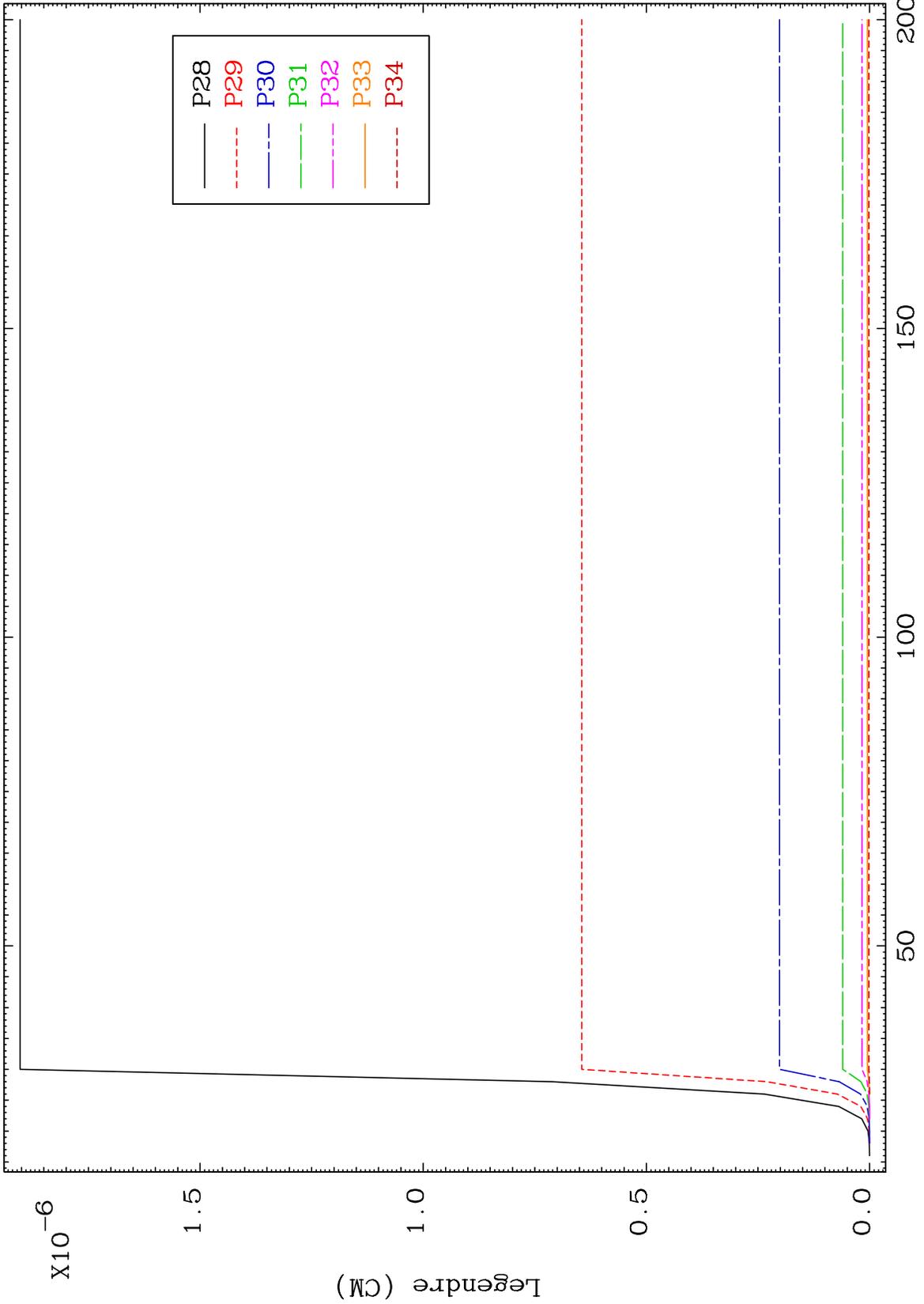
Incident Energy (MeV)

62

MAT 4925

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

49-In-113



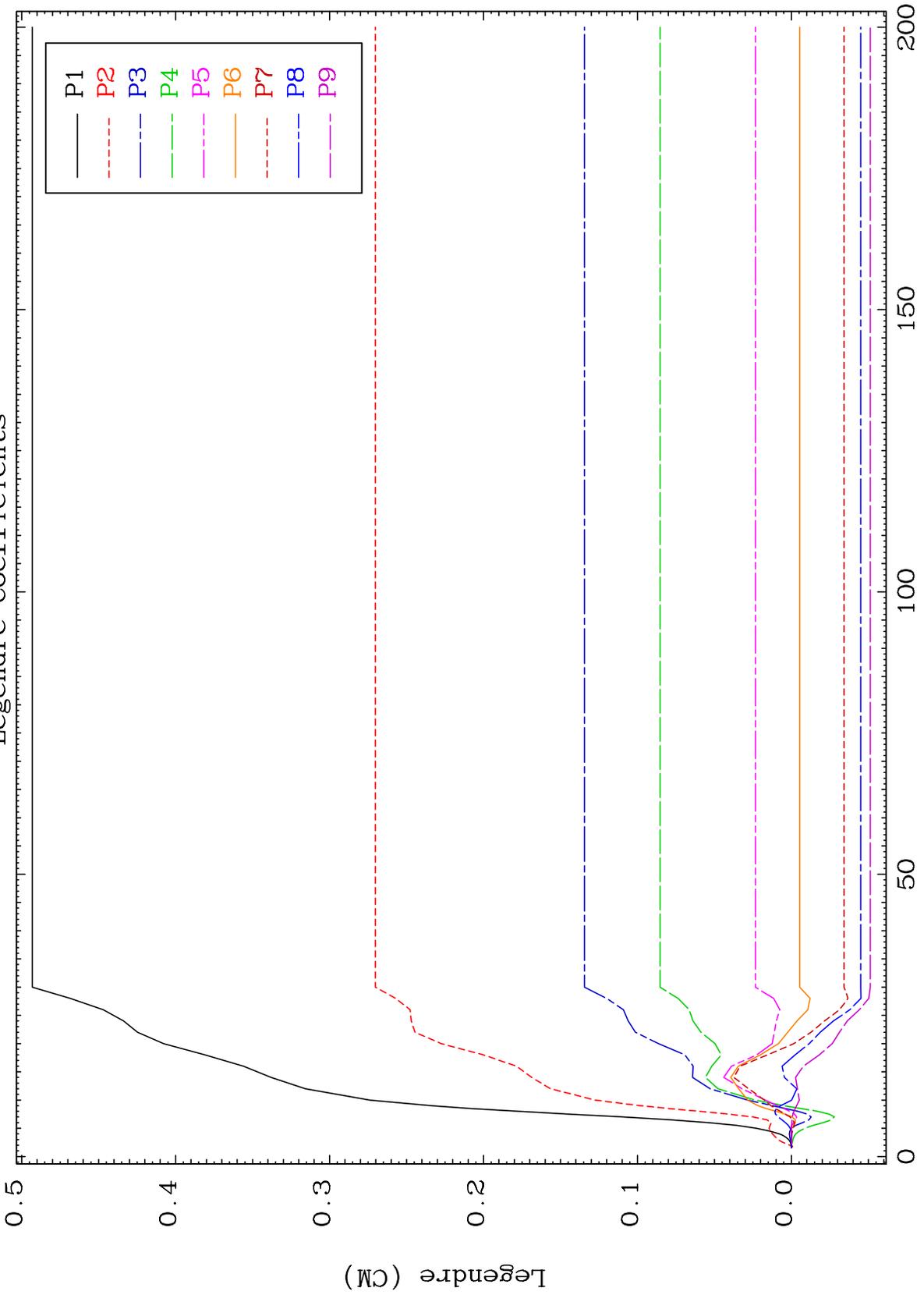
63

49-In-113

MAT 4925

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

49-In-113



64

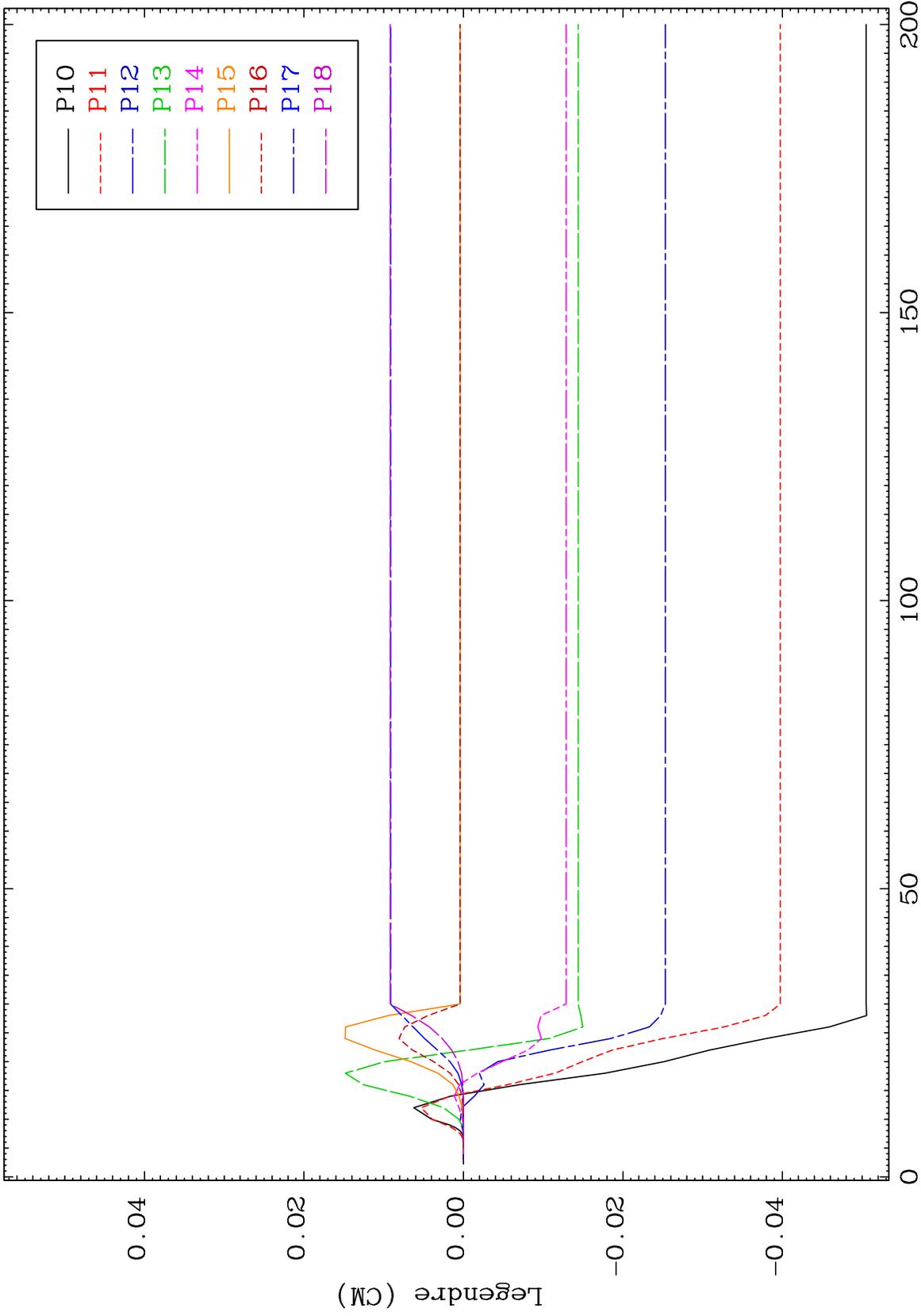
Incident Energy (MeV)

49-In-113

MAT 4925

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

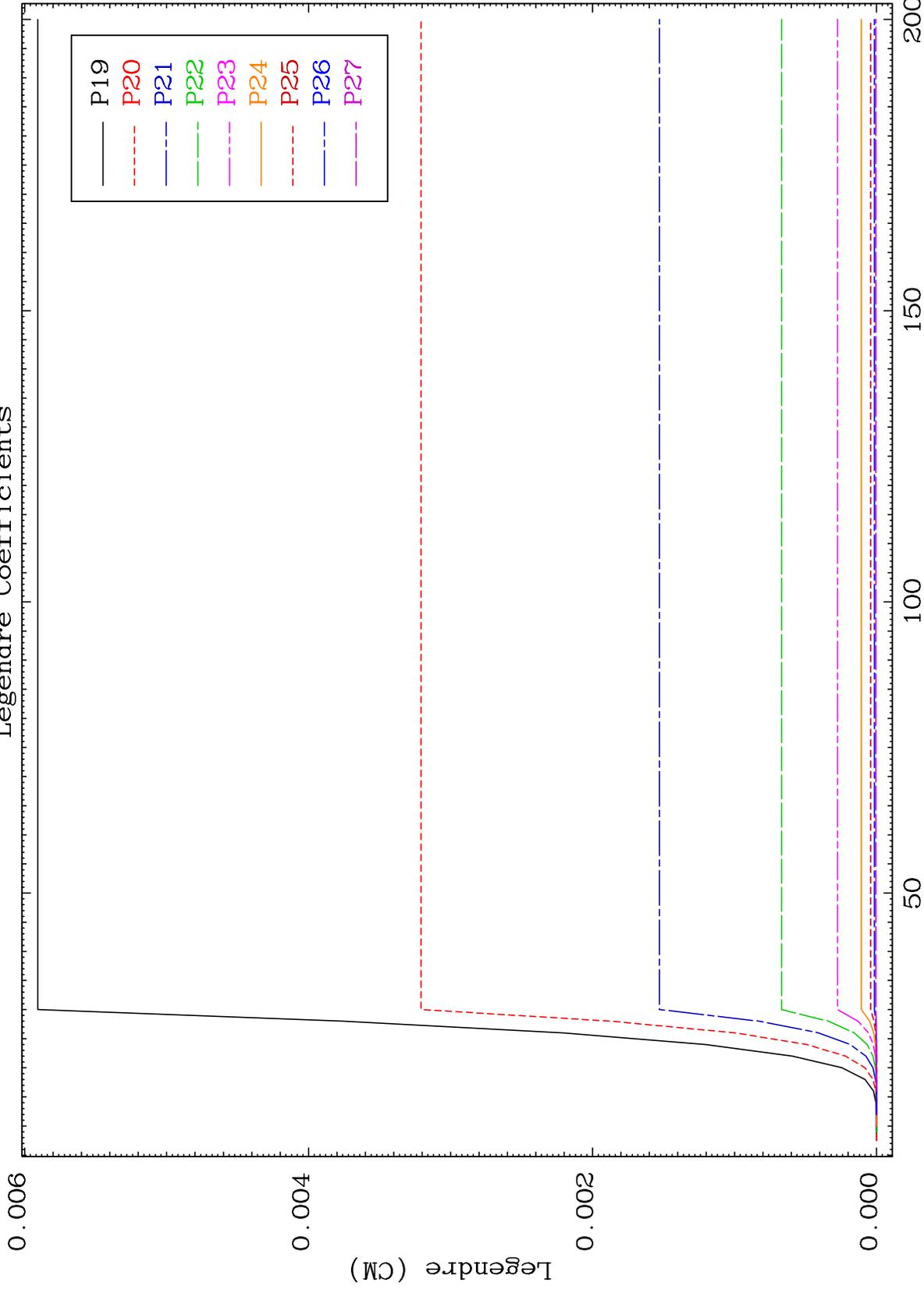
49-In-113



65

Incident Energy (MeV)

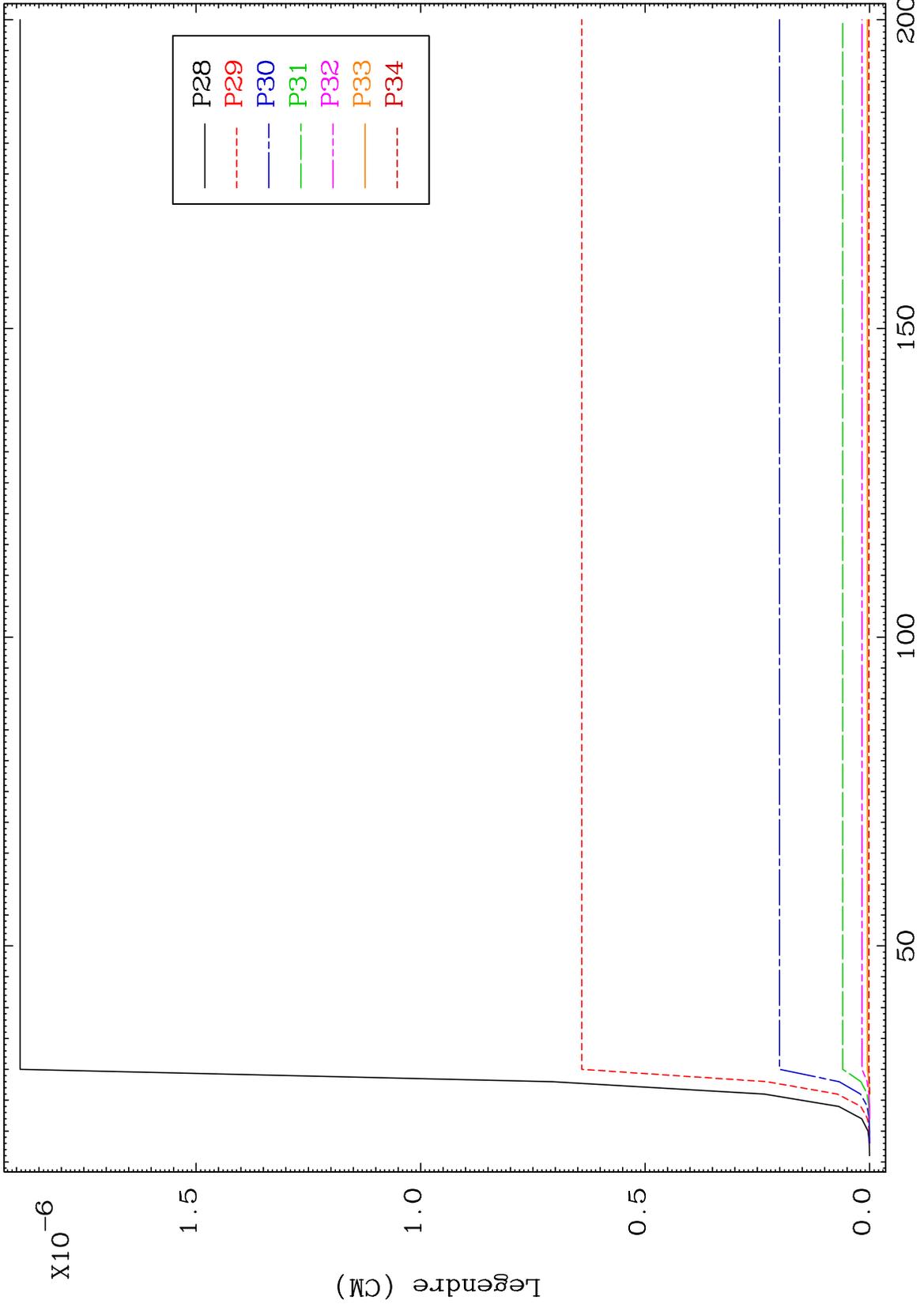
49-In-113



MAT 4925

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

49-In-113



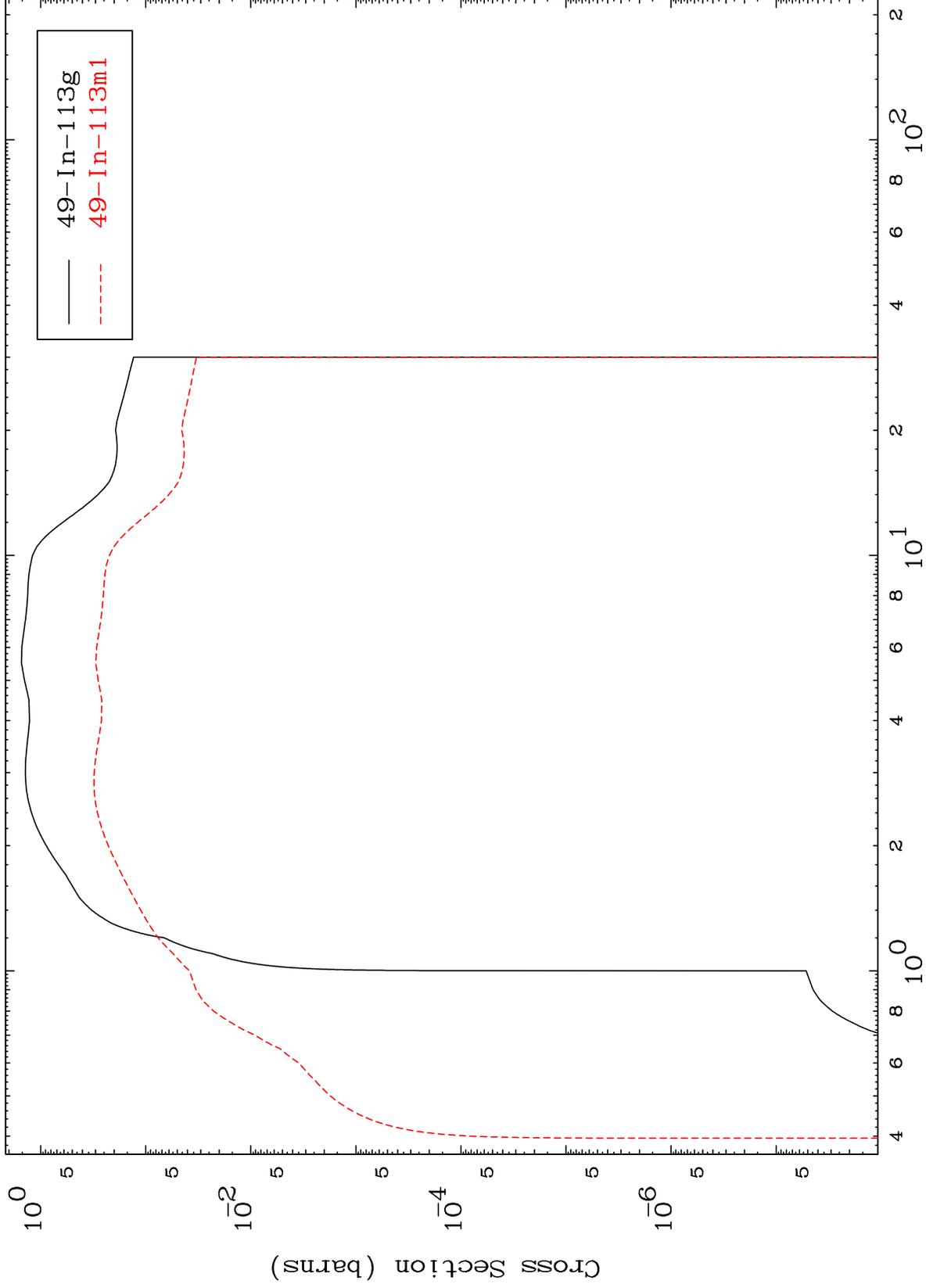
67

49-In-113

MAT 4925

49-In-113

# Inelastic Radionuclide Production Cross Section



68

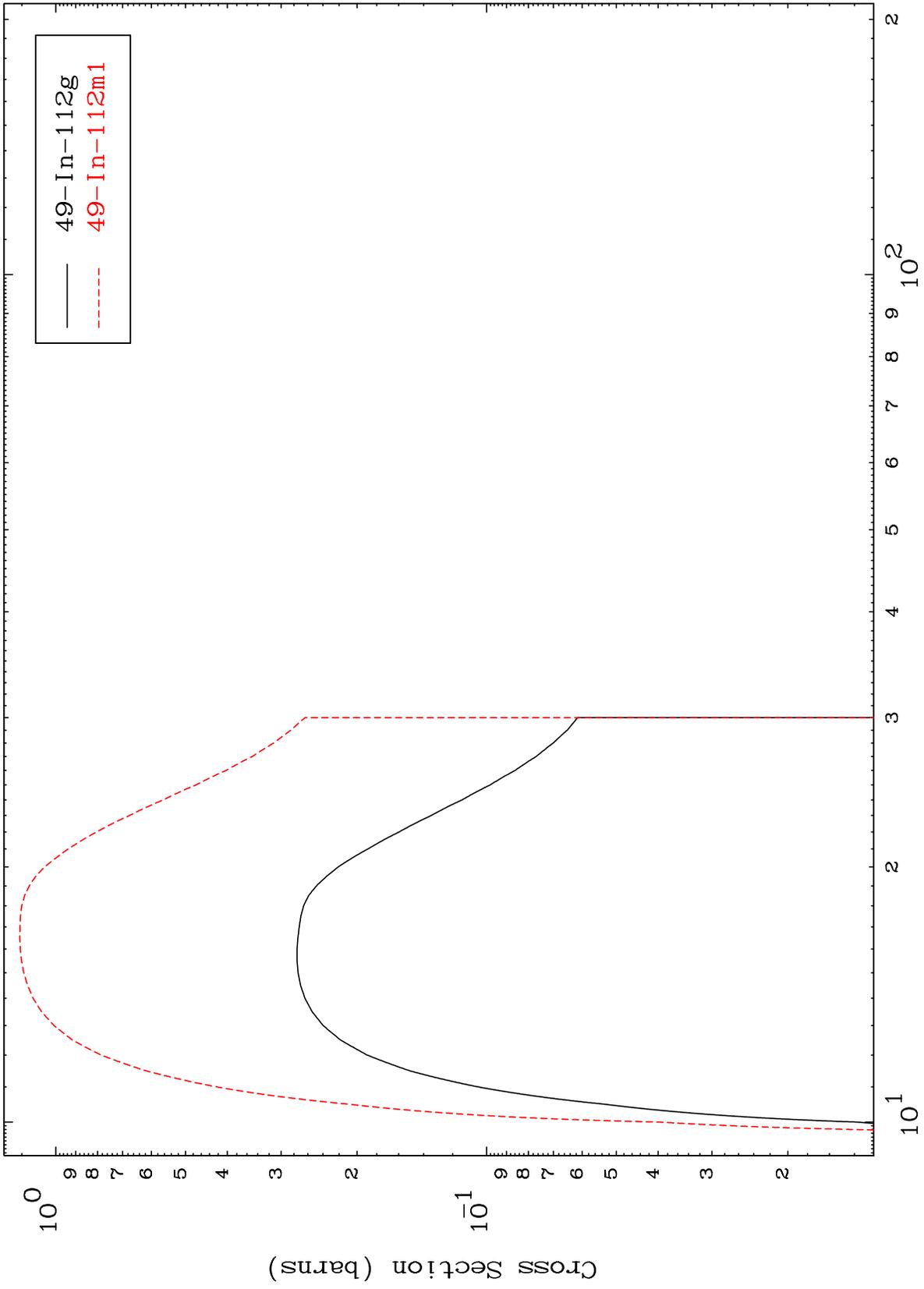
Incident Energy (MeV)

49-In-113

MAT 4925

49-In-113

(n,2n)  
Radionuclide Production Cross Section



69

Incident Energy (MeV)

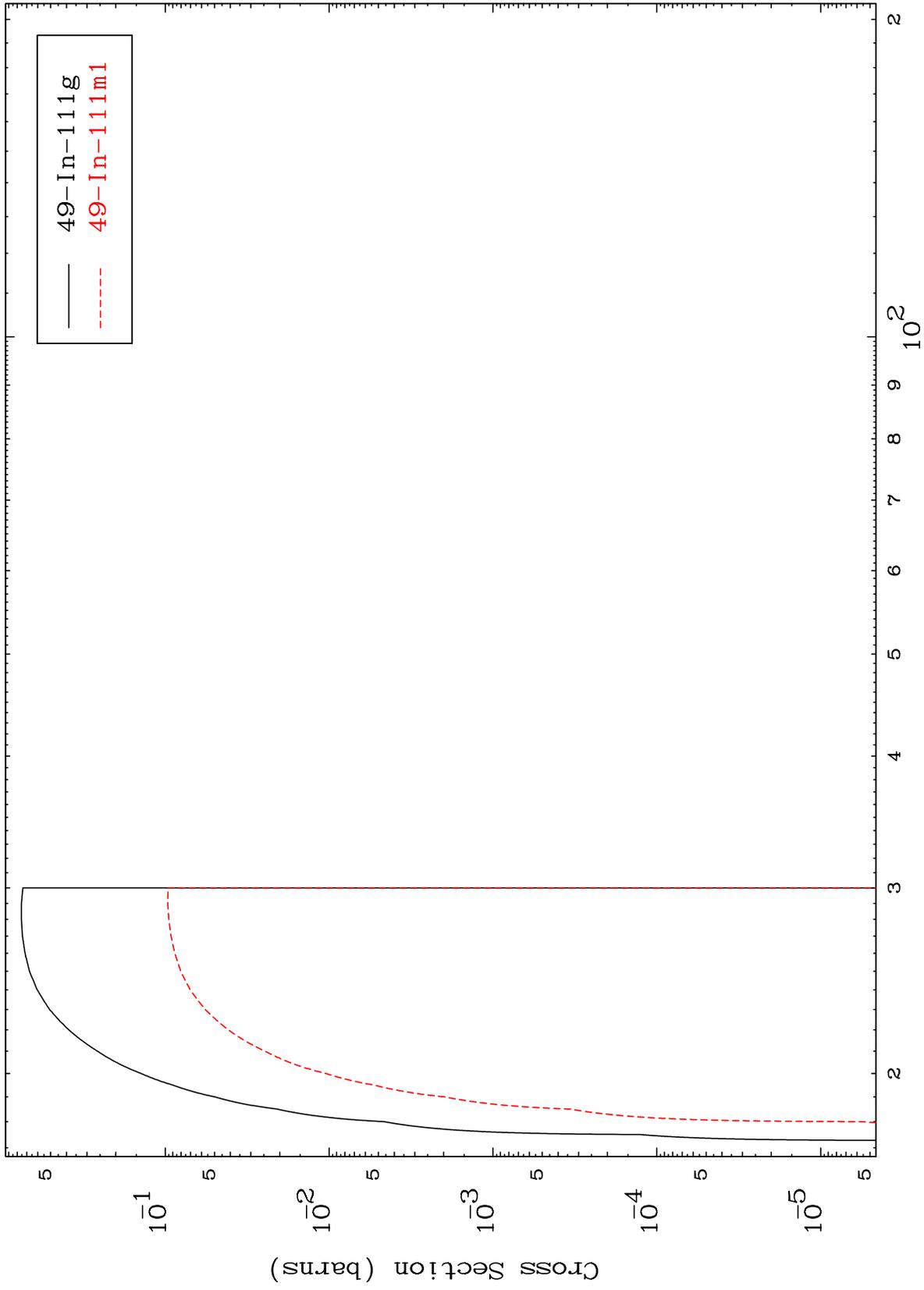
49-In-113

MAT 4925

(n,3n)

49-In-113

Radionuclide Production Cross Section



70

Incident Energy (MeV)

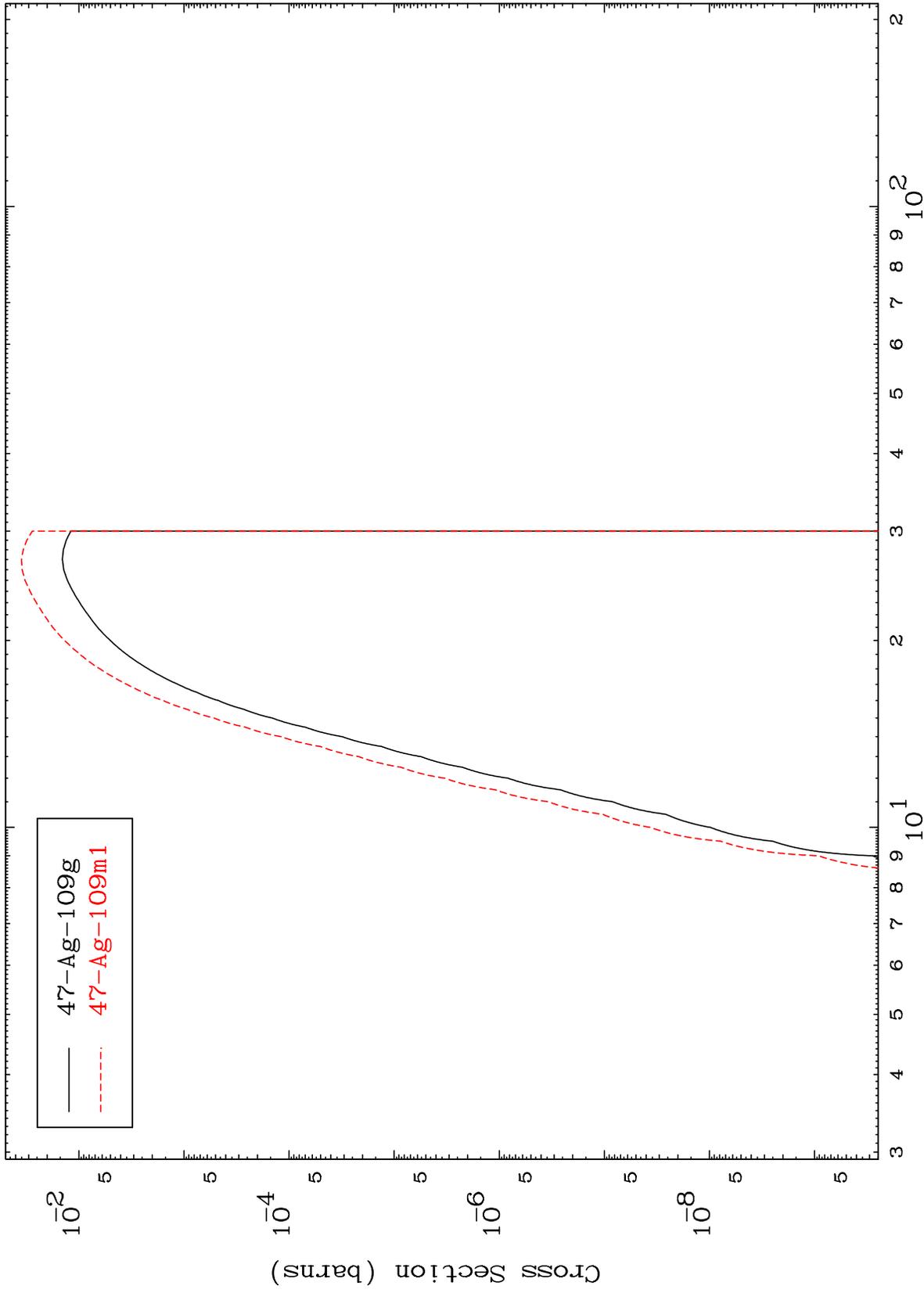
49-In-113

MAT 4925

(n,n')  $\alpha$

49-In-113

Radionuclide Production Cross Section



71

Incident Energy (MeV)

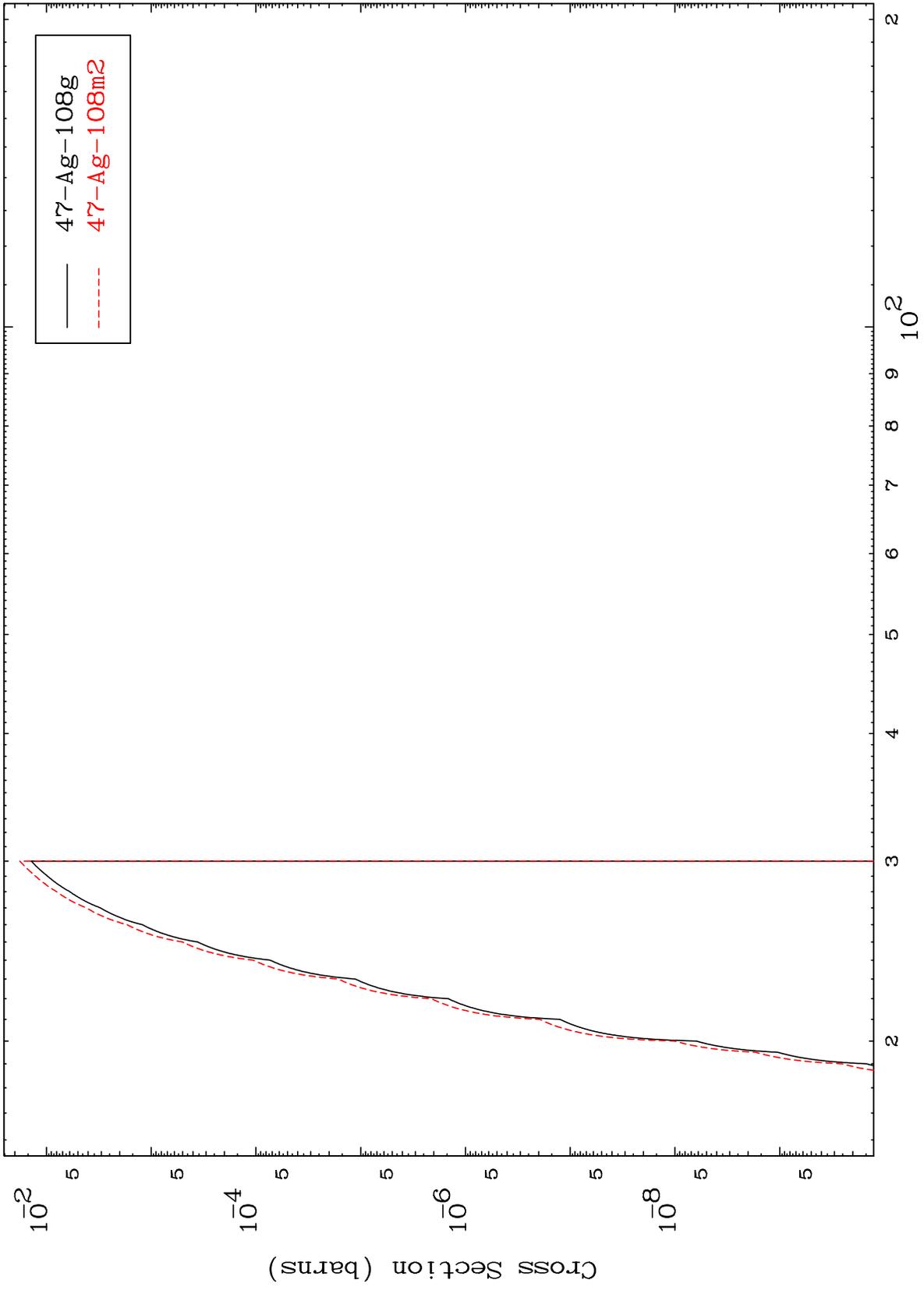
49-In-113

MAT 4925

(n,2n)  $\alpha$

49-In-113

Radionuclide Production Cross Section



47-Ag-108g  
47-Ag-108m2

72

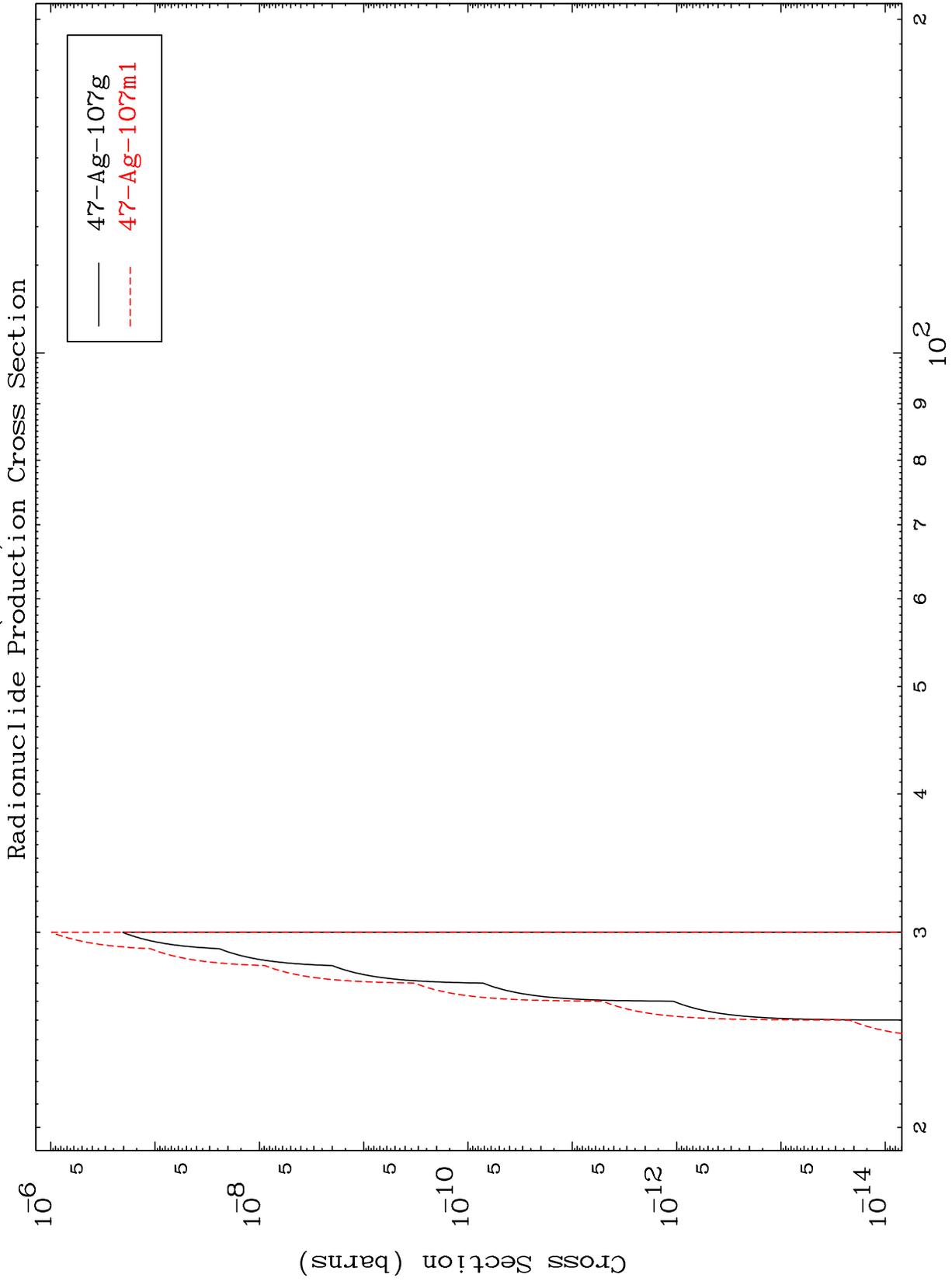
Incident Energy (MeV)

49-In-113

MAT 4925

(n,3n)  $\alpha$

49-In-113



73

Incident Energy (MeV)

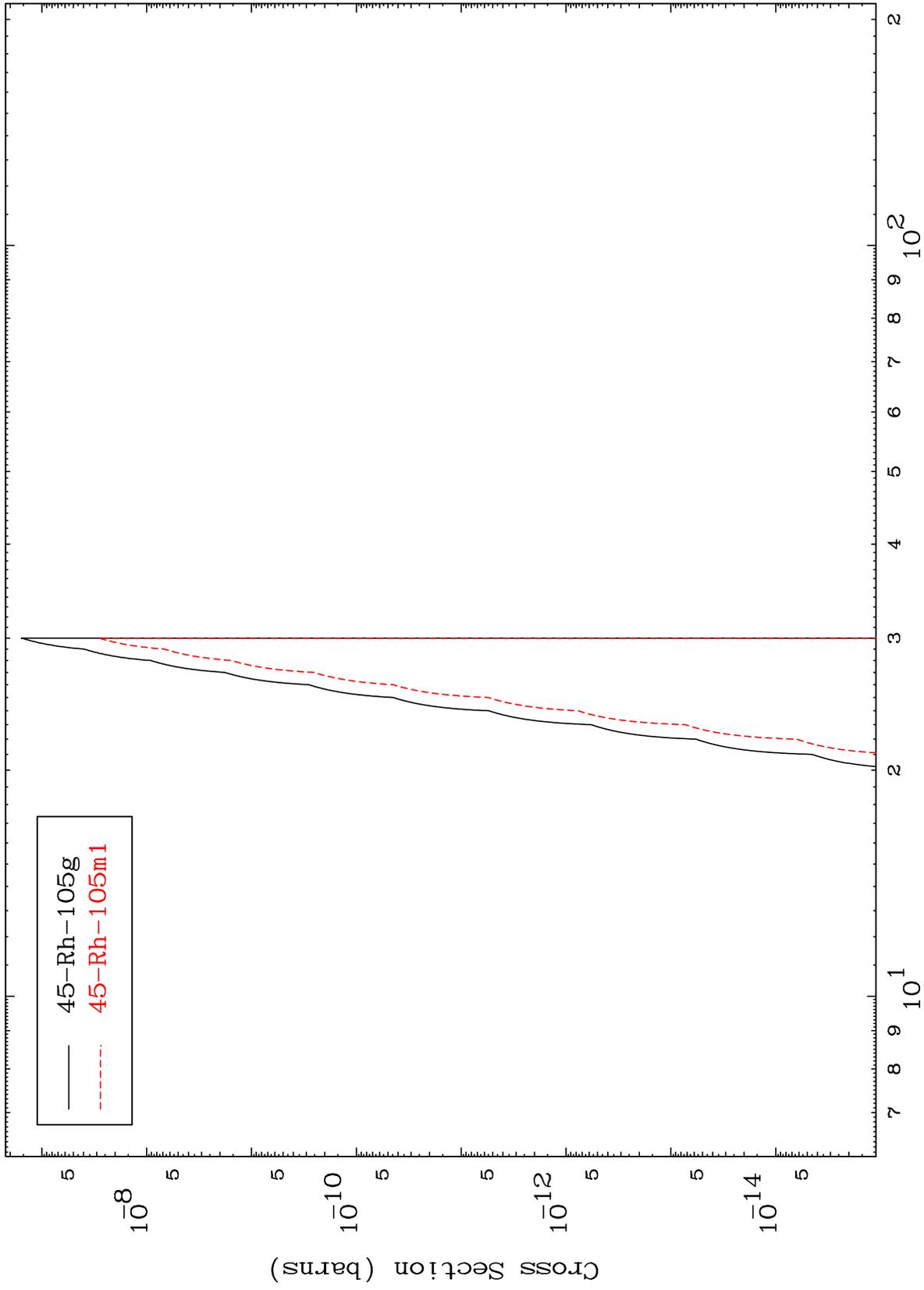
49-In-113

MAT 4925

(n,n') 2 $\alpha$

49-In-113

Radionuclide Production Cross Section



74

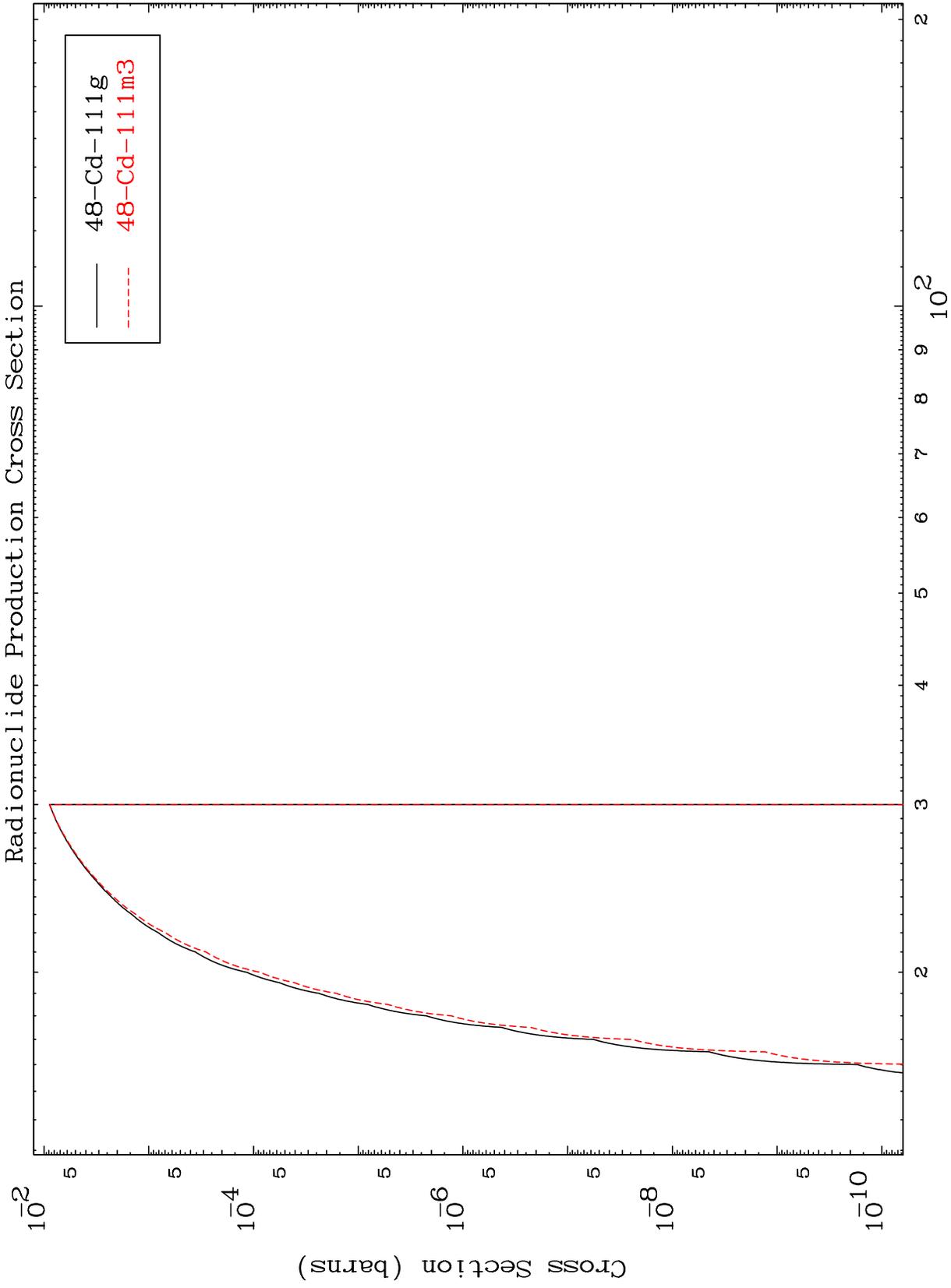
Incident Energy (MeV)

49-In-113

MAT 4925

(n,n') d

49-In-113



75

49-In-113

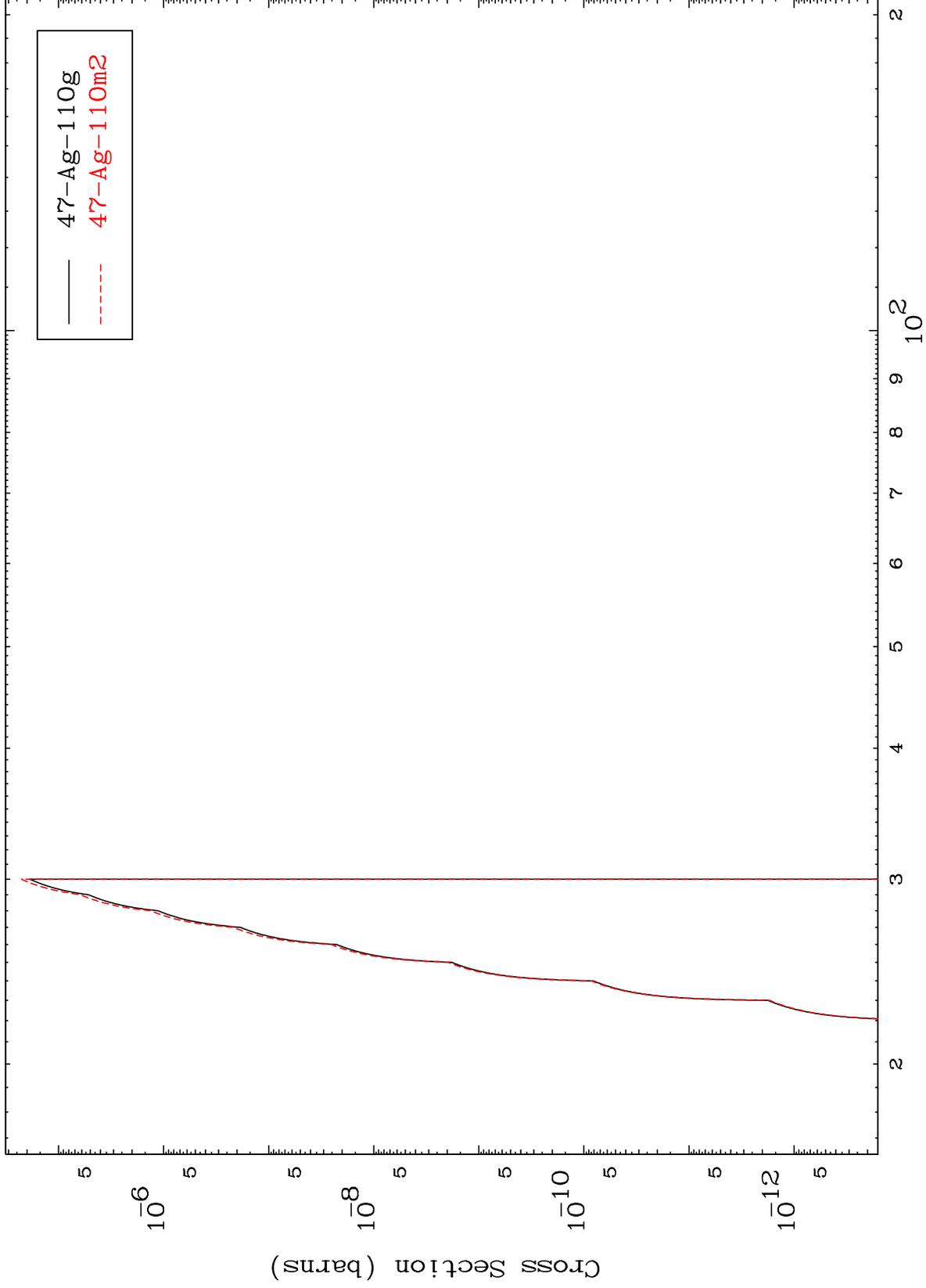
49-In-113

MAT 4925

(n, n') He-3

49-In-113

Radionuclide Production Cross Section



76

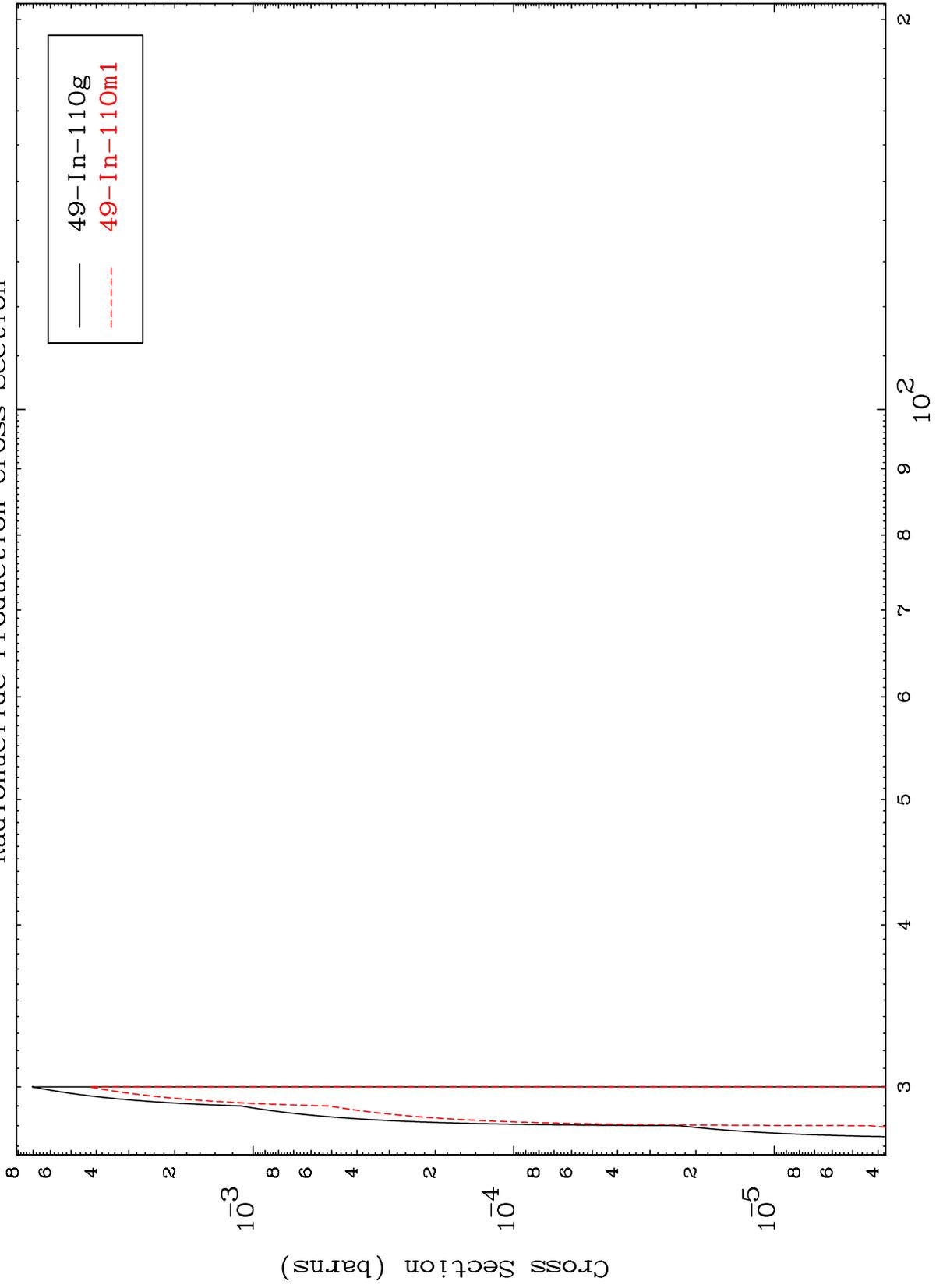
Incident Energy (MeV)

49-In-113

MAT 4925

49-In-113

(n,4n)  
Radionuclide Production Cross Section



49-In-110g  
49-In-110m1

77

49-In-113

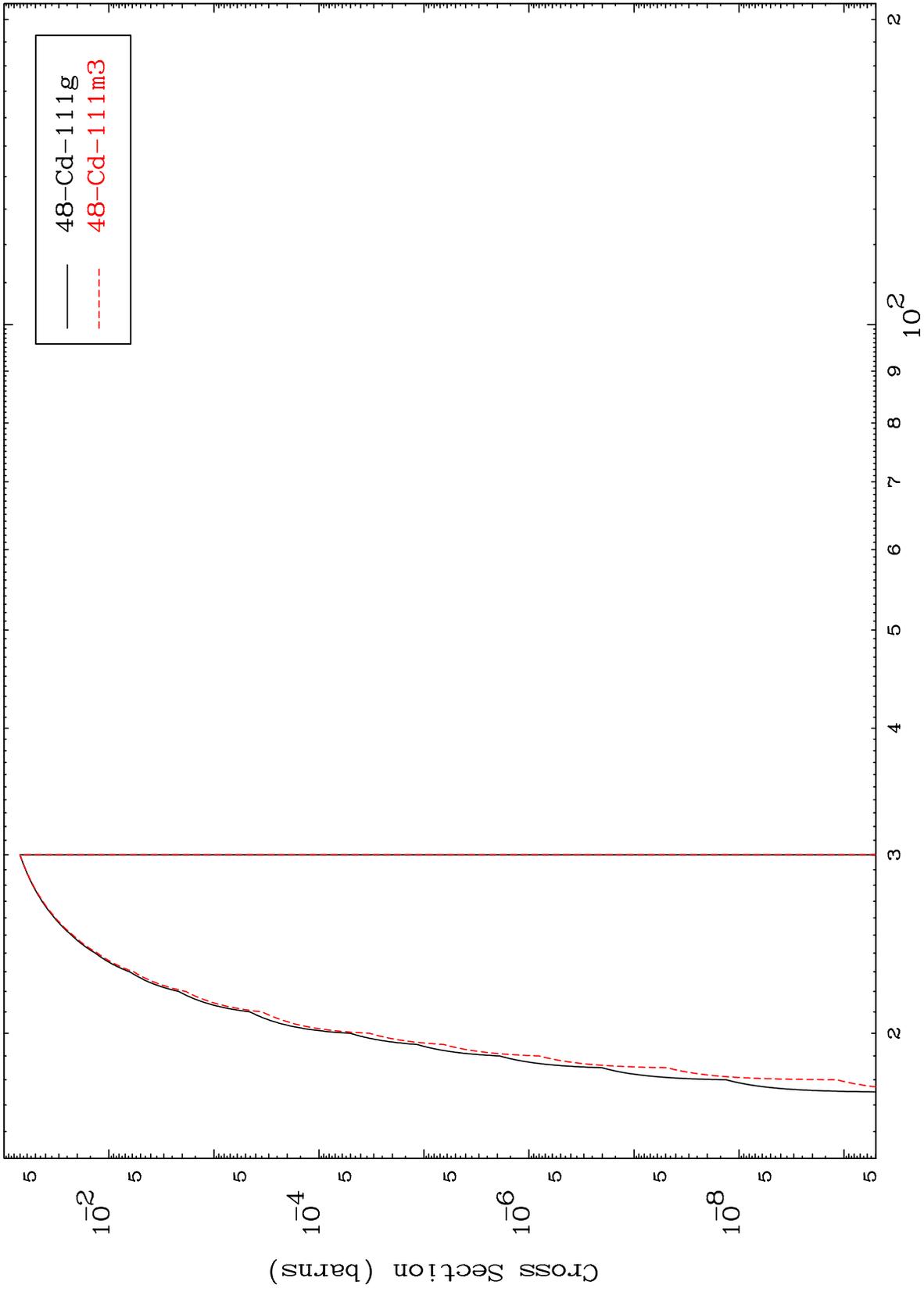
Incident Energy (MeV)

MAT 4925

(n,2n) p

49-In-113

Radionuclide Production Cross Section



78

Incident Energy (MeV)

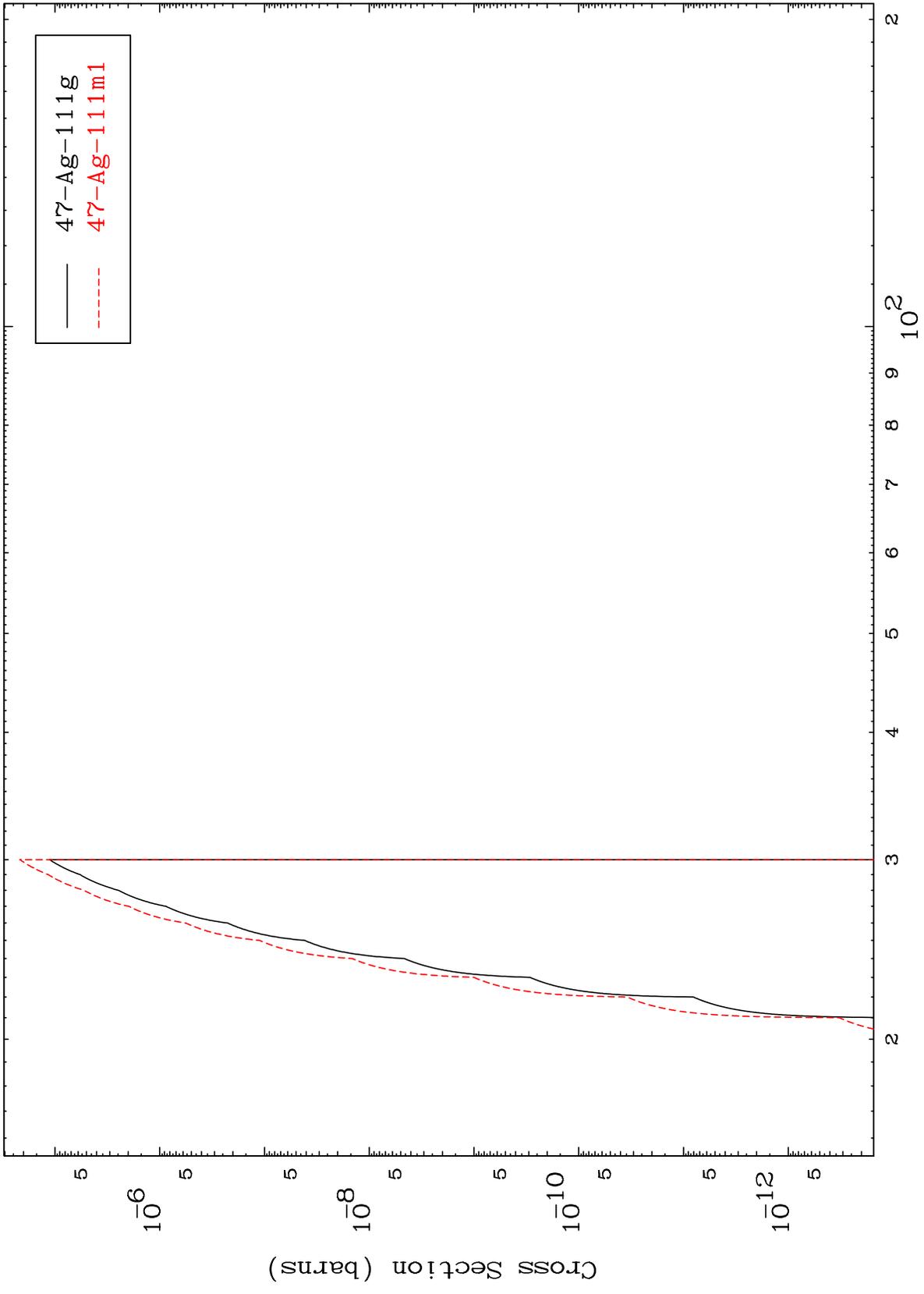
49-In-113

MAT 4925

(n,2n) p

49-In-113

Radionuclide Production Cross Section



47-Ag-111g  
47-Ag-111m1

79

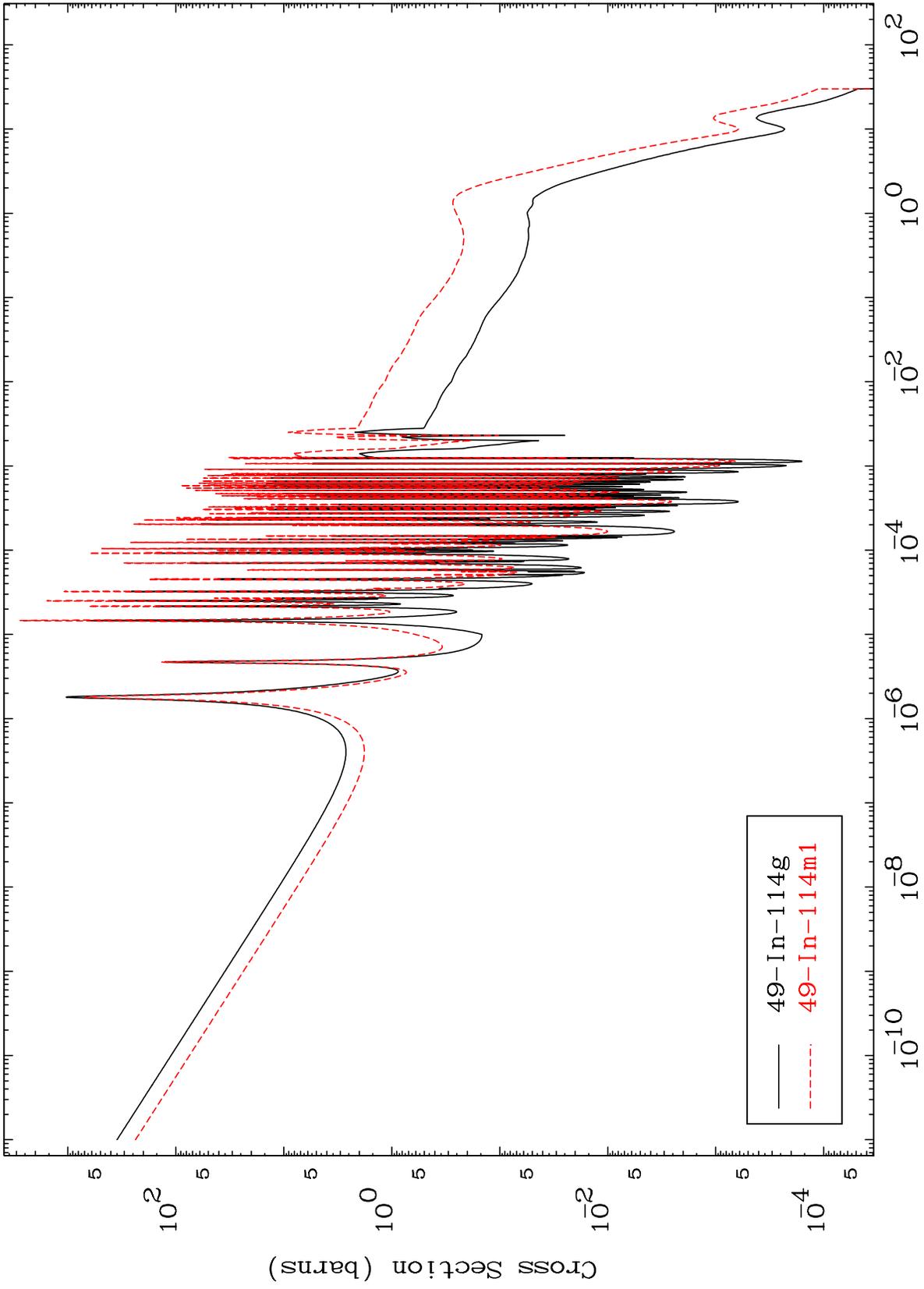
Incident Energy (MeV)

49-In-113

MAT 4925

49-In-113

(n,γ)  
Radionuclide Production Cross Section



80

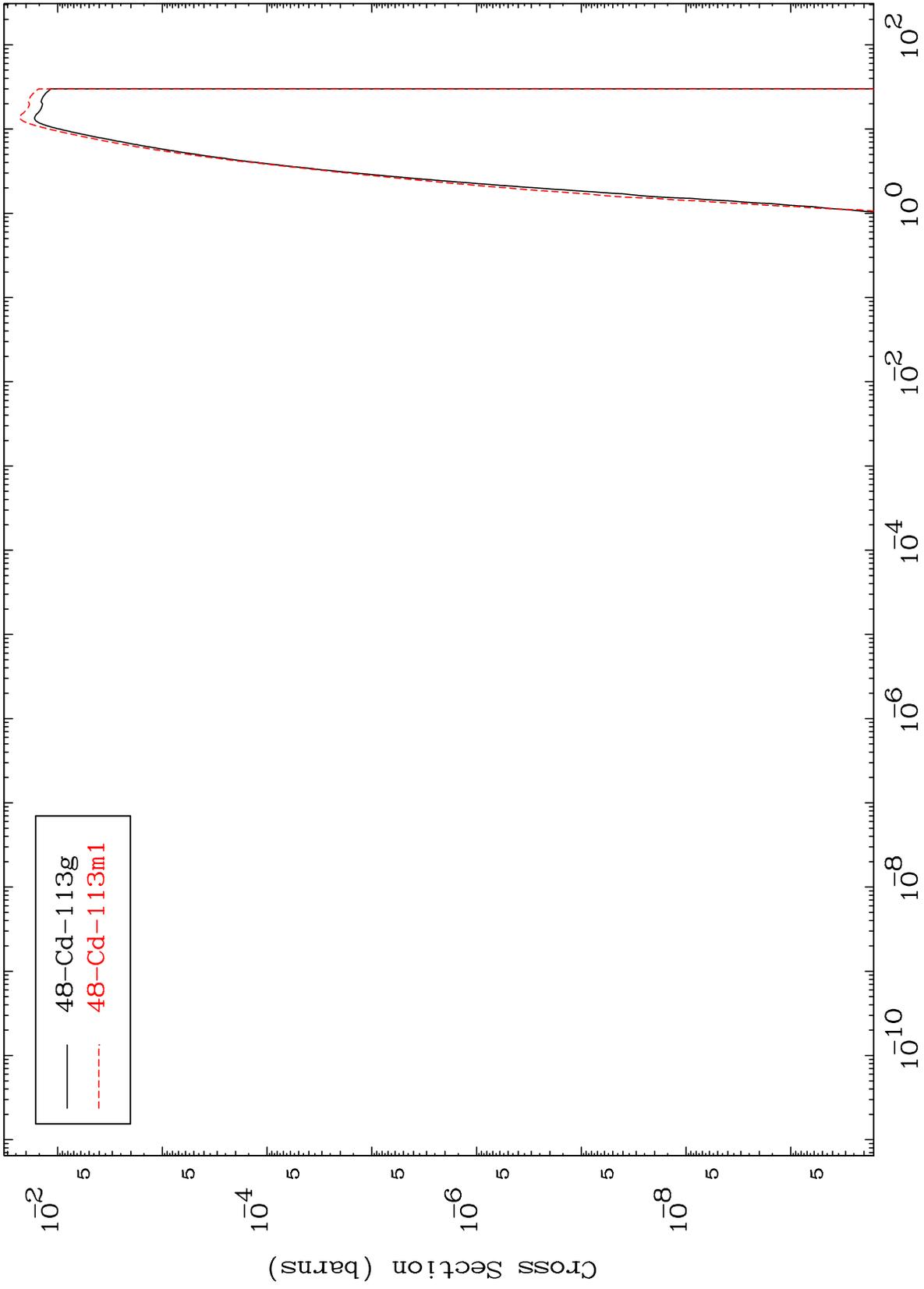
49-In-113

MAT 4925

(n,p)

49-In-113

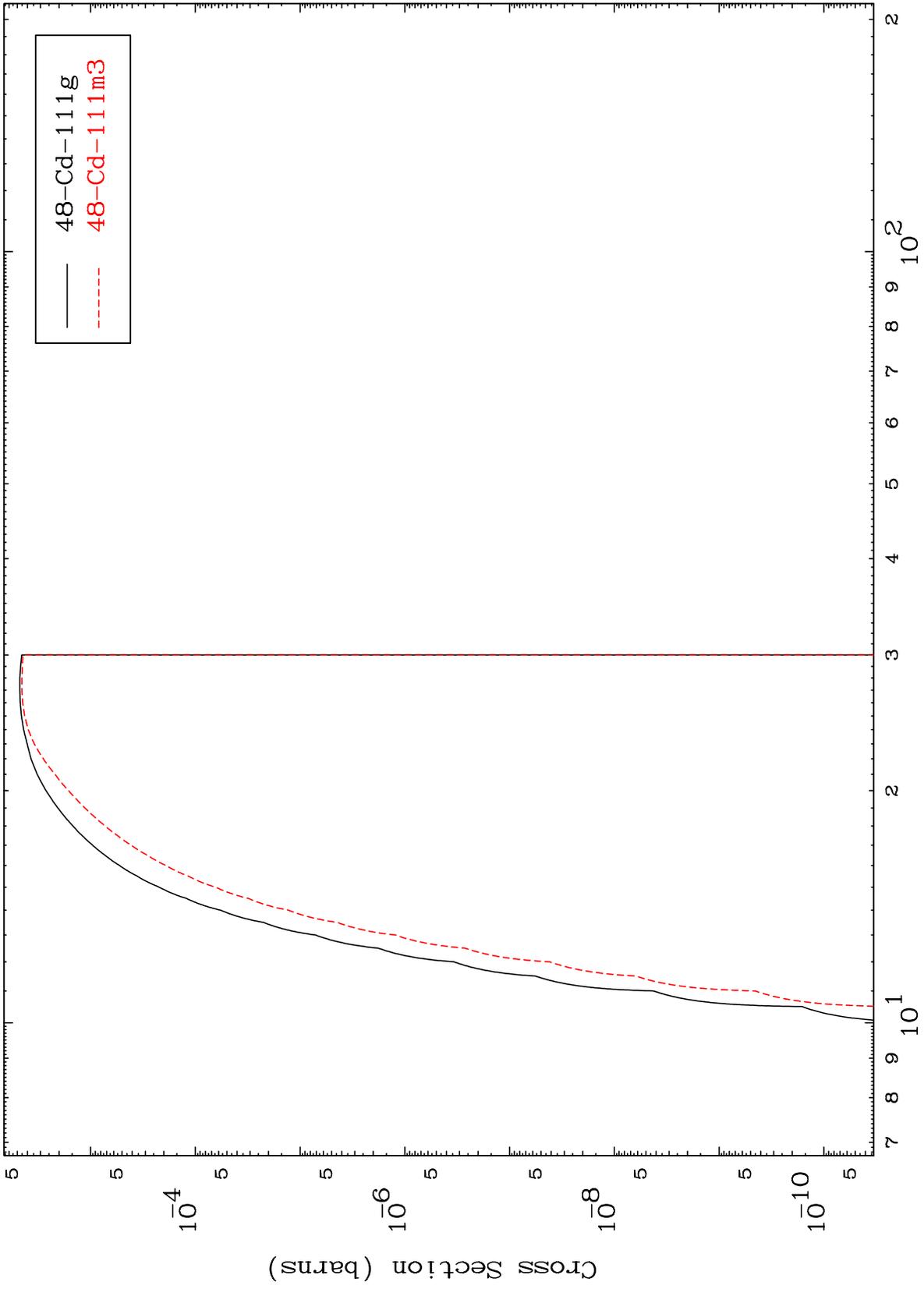
Radionuclide Production Cross Section



MAT 4925

49-In-113

(n, t)  
Radionuclide Production Cross Section



82

Incident Energy (MeV)

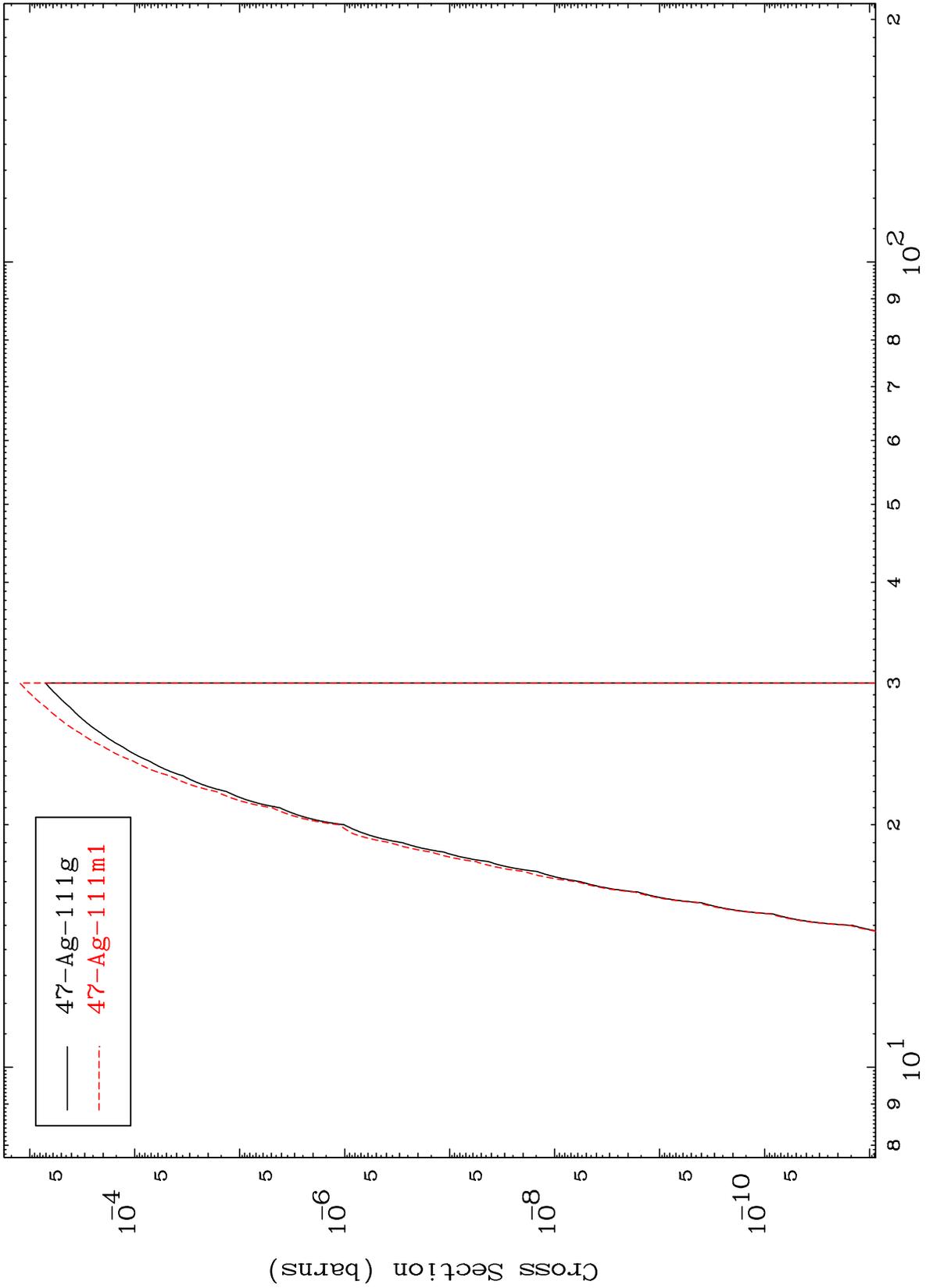
49-In-113

MAT 4925

(n, He-3)

49-In-113

Radionuclide Production Cross Section



47-Ag-111g  
47-Ag-111m1

83

Incident Energy (MeV)

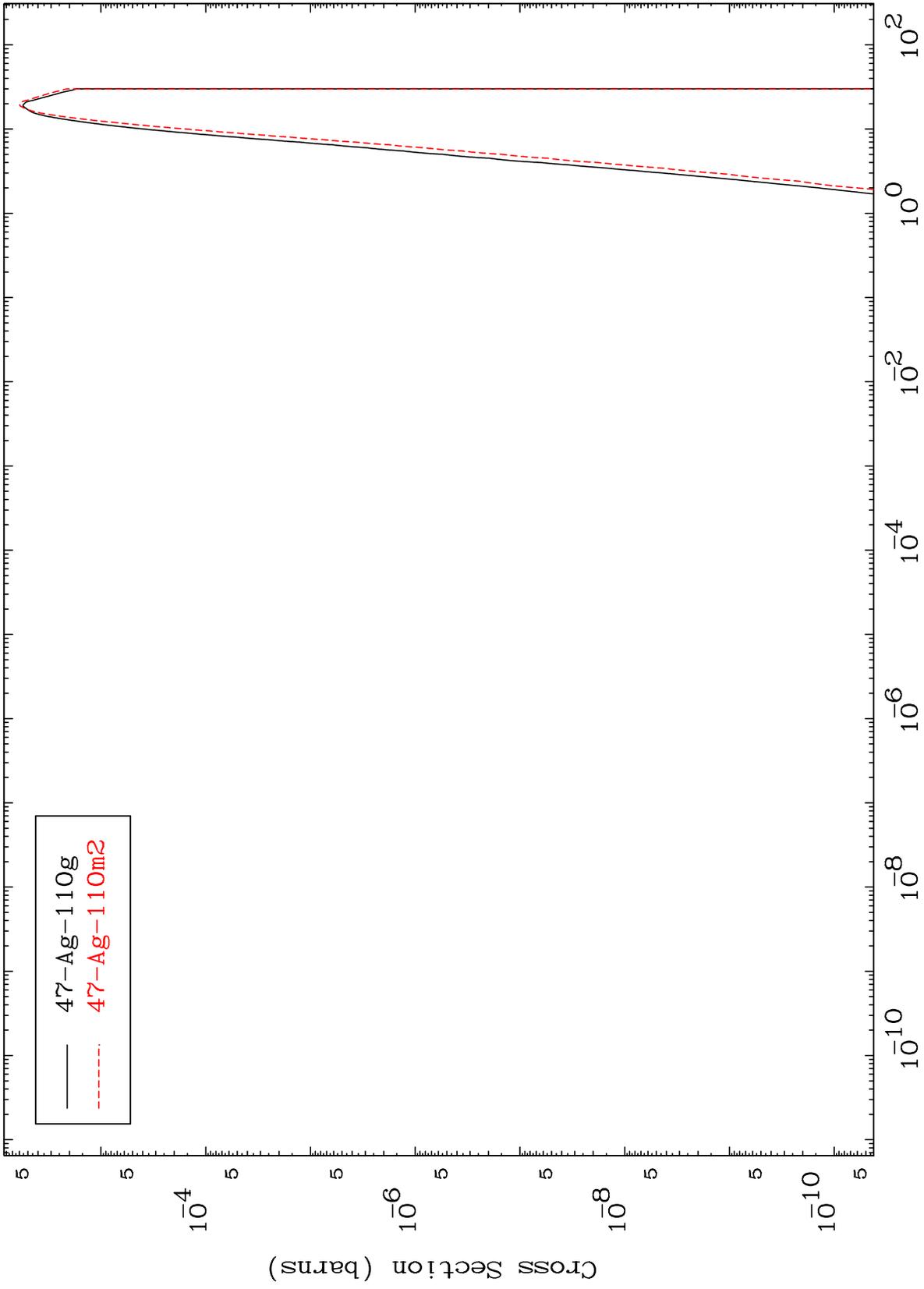
49-In-113

MAT 4925

(n,  $\alpha$ )

49-In-113

Radionuclide Production Cross Section



84

Incident Energy (MeV)

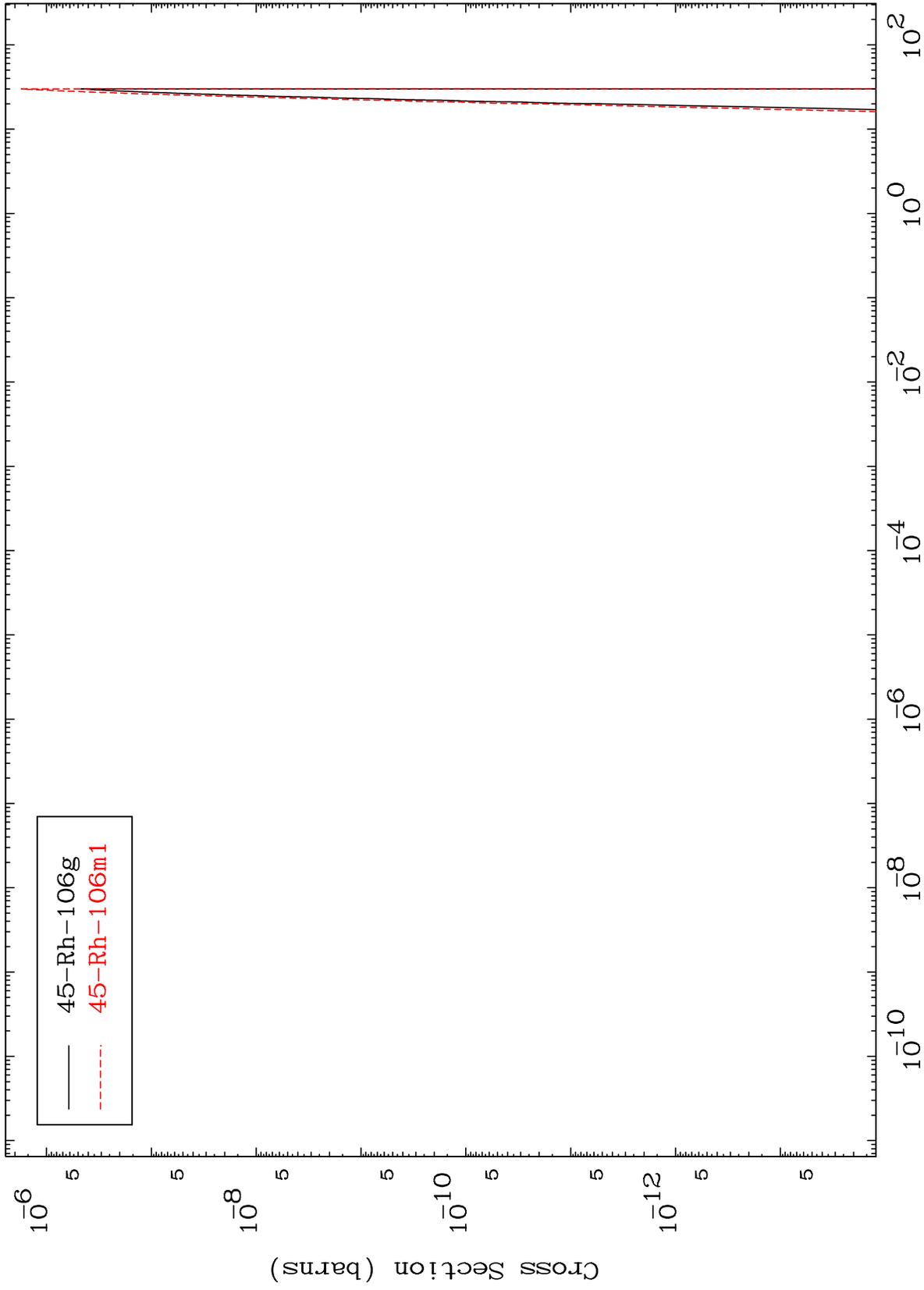
49-In-113

MAT 4925

(n,2α)

49-In-113

Radionuclide Production Cross Section



85

Incident Energy (MeV)

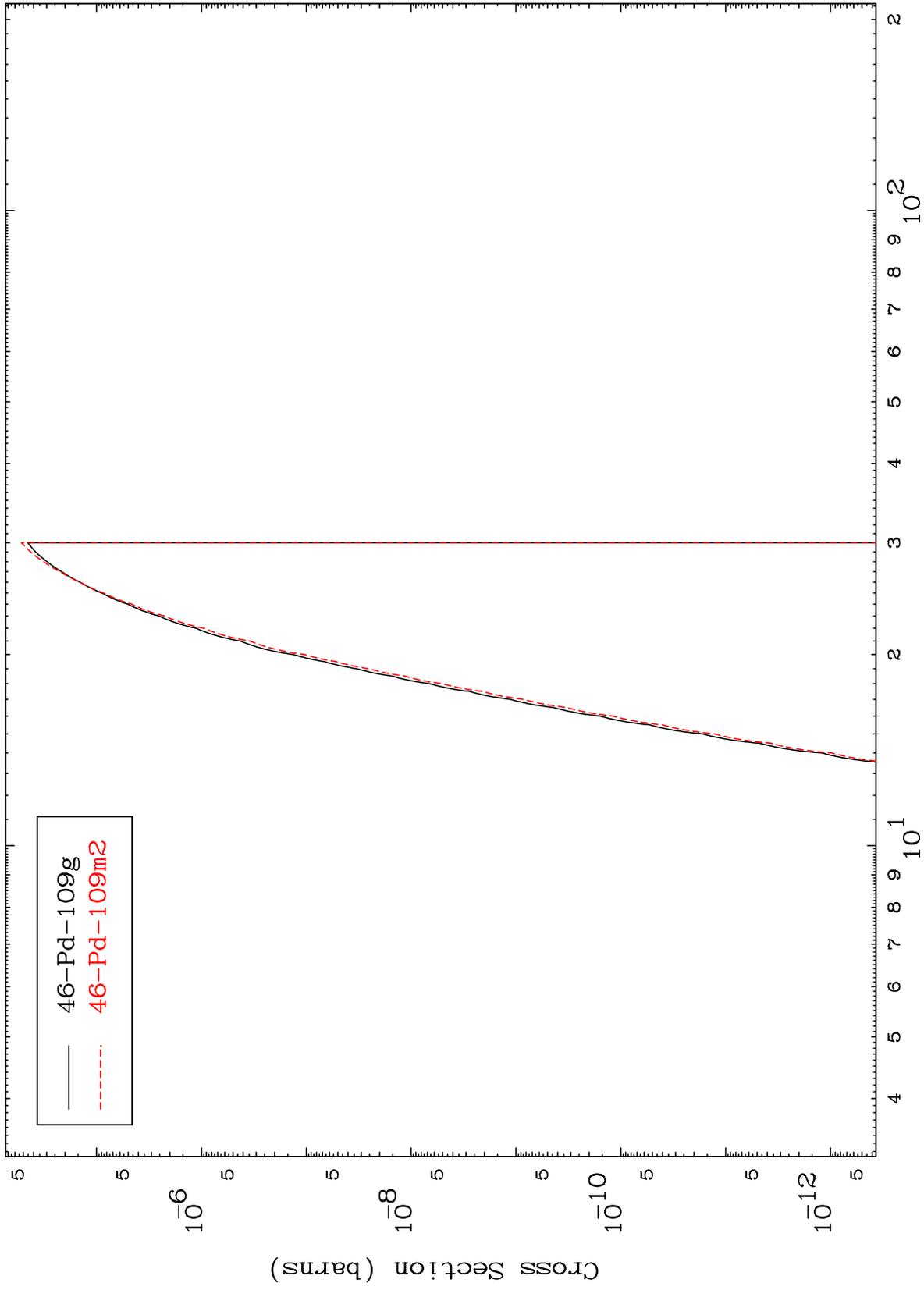
49-In-113

MAT 4925

(n,p)  $\alpha$

49-In-113

Radionuclide Production Cross Section



86

Incident Energy (MeV)

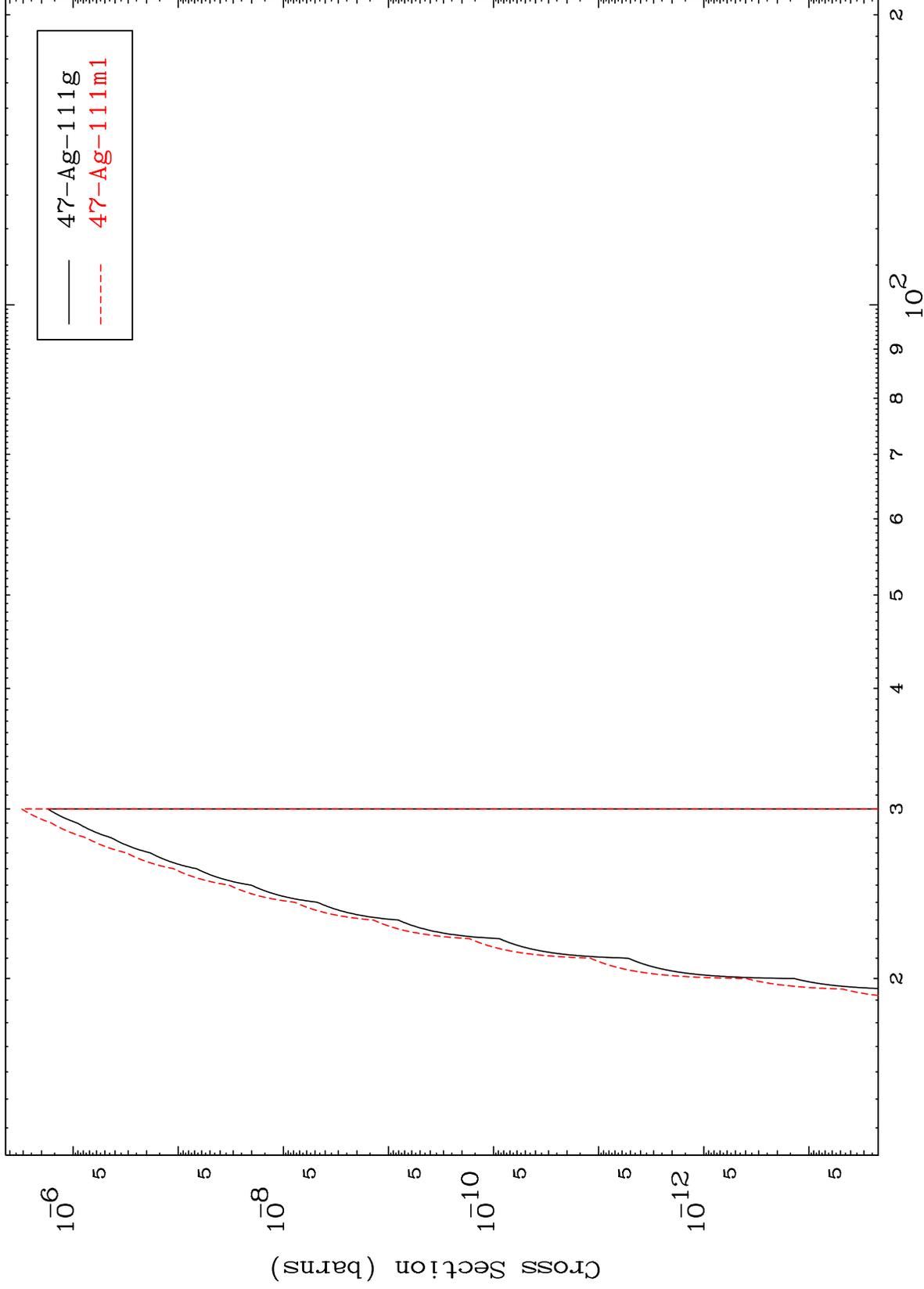
49-In-113

MAT 4925

(n,p) d

49-In-113

Radionuclide Production Cross Section



87

Incident Energy (MeV)

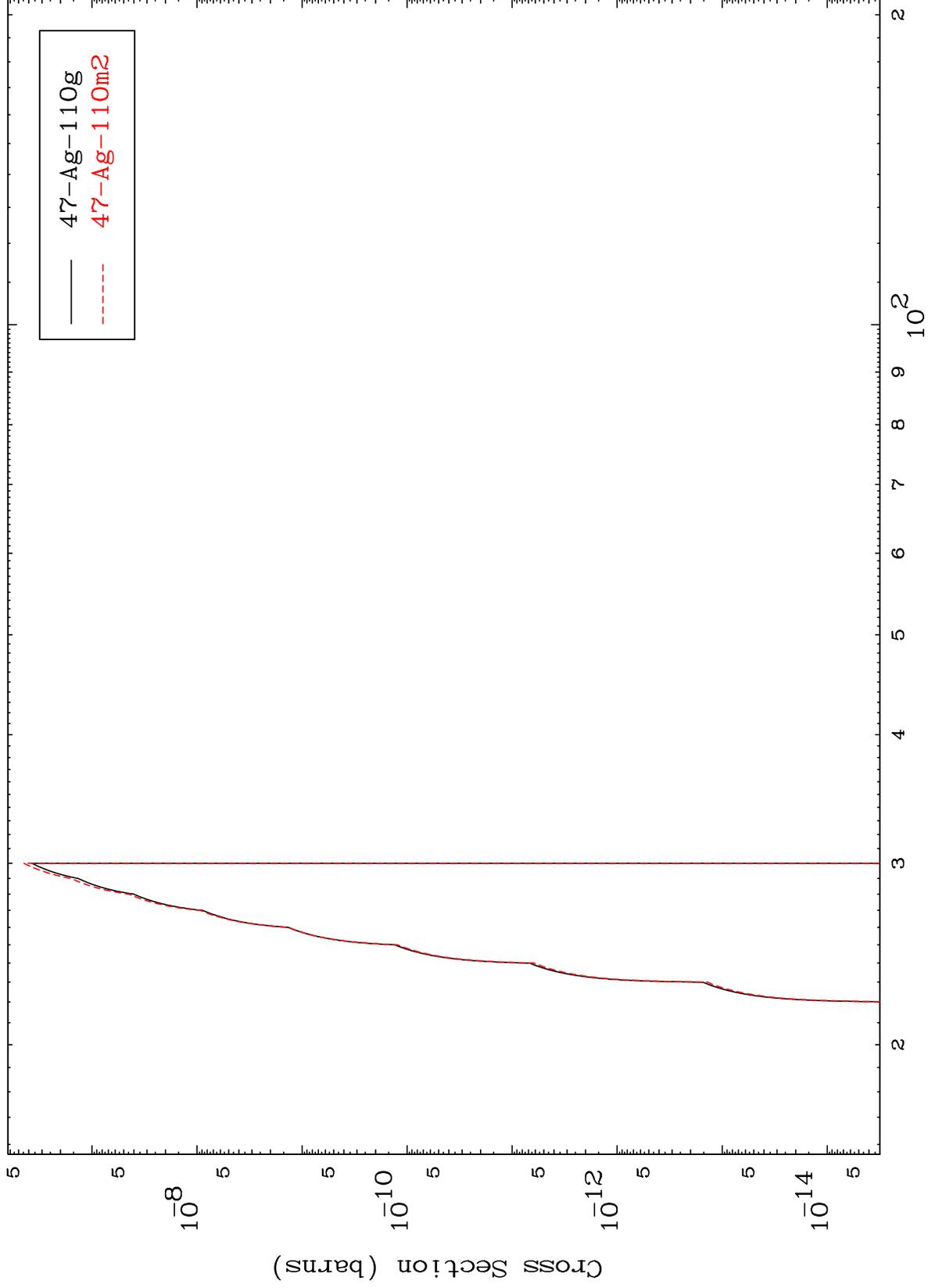
49-In-113

MAT 4925

(n,p) t

49-In-113

Radionuclide Production Cross Section



88

Incident Energy (MeV)

49-In-113