

Program EVALPLOT  
(Version 2017-1)

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

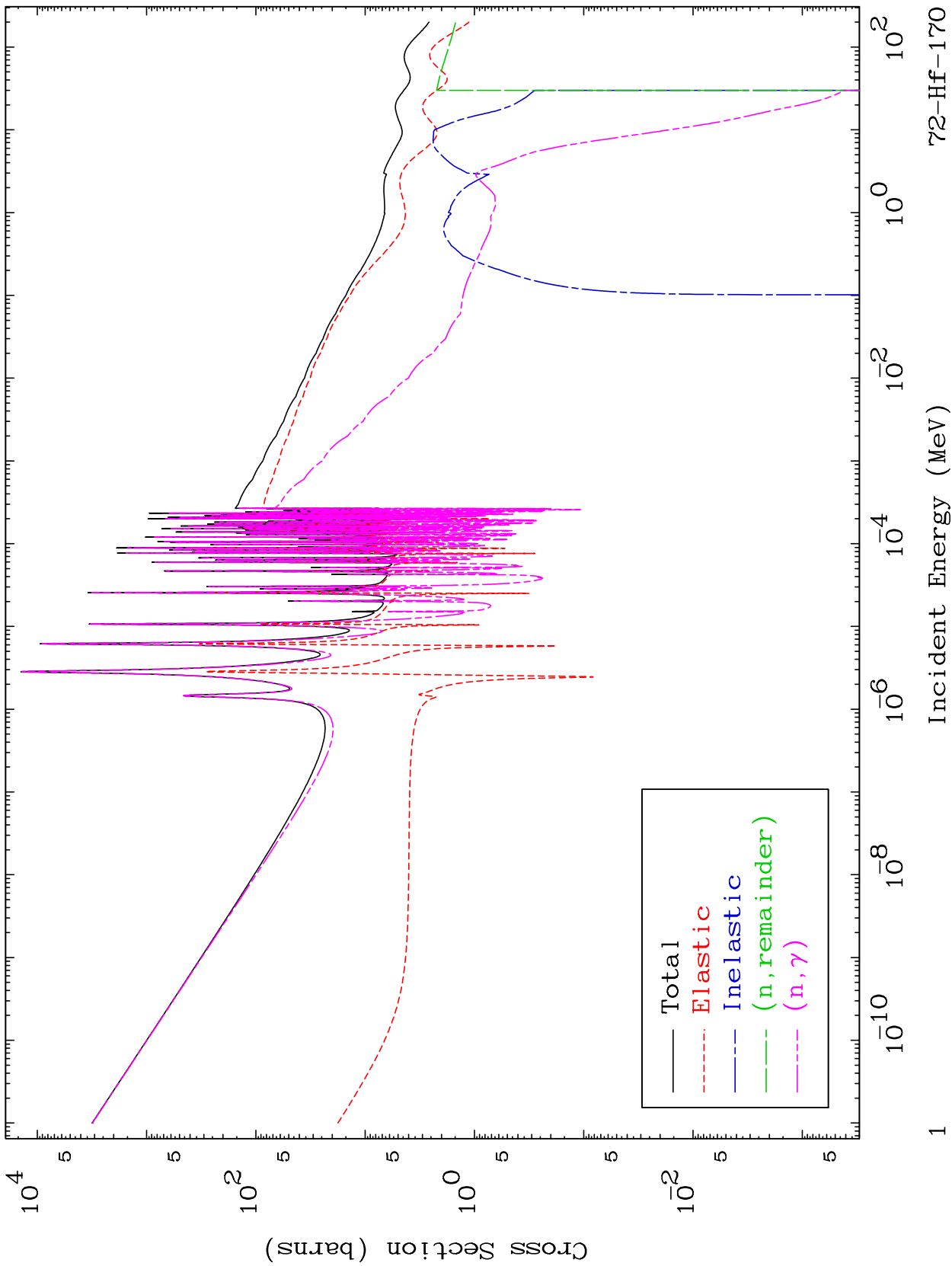
Press Mouse Button to Start

MAT 7213

Major

293 Kelvin Cross Sections

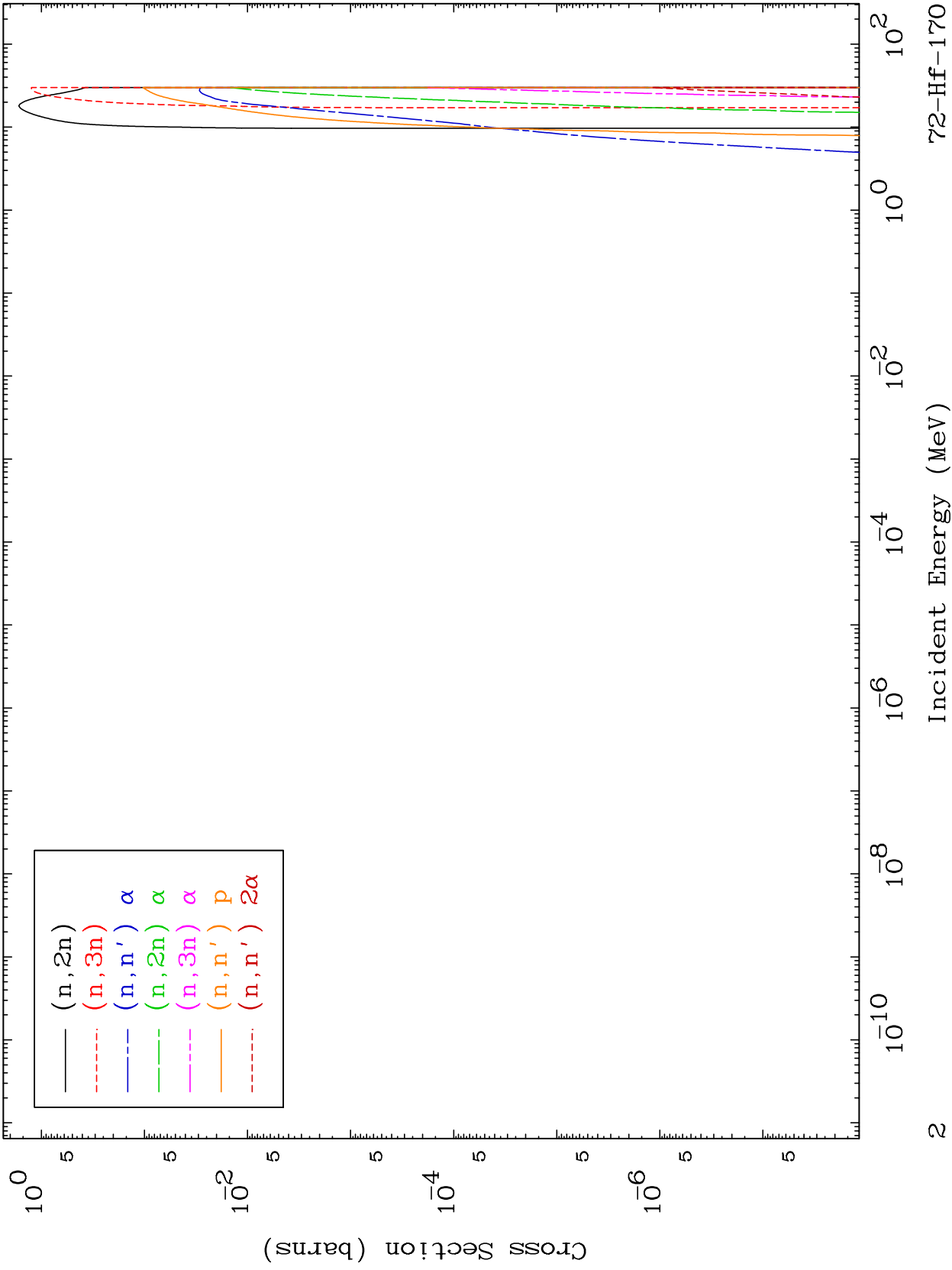
72-Hf-170



MAT 7213

Neutron Production  
293 Kelvin Cross Sections

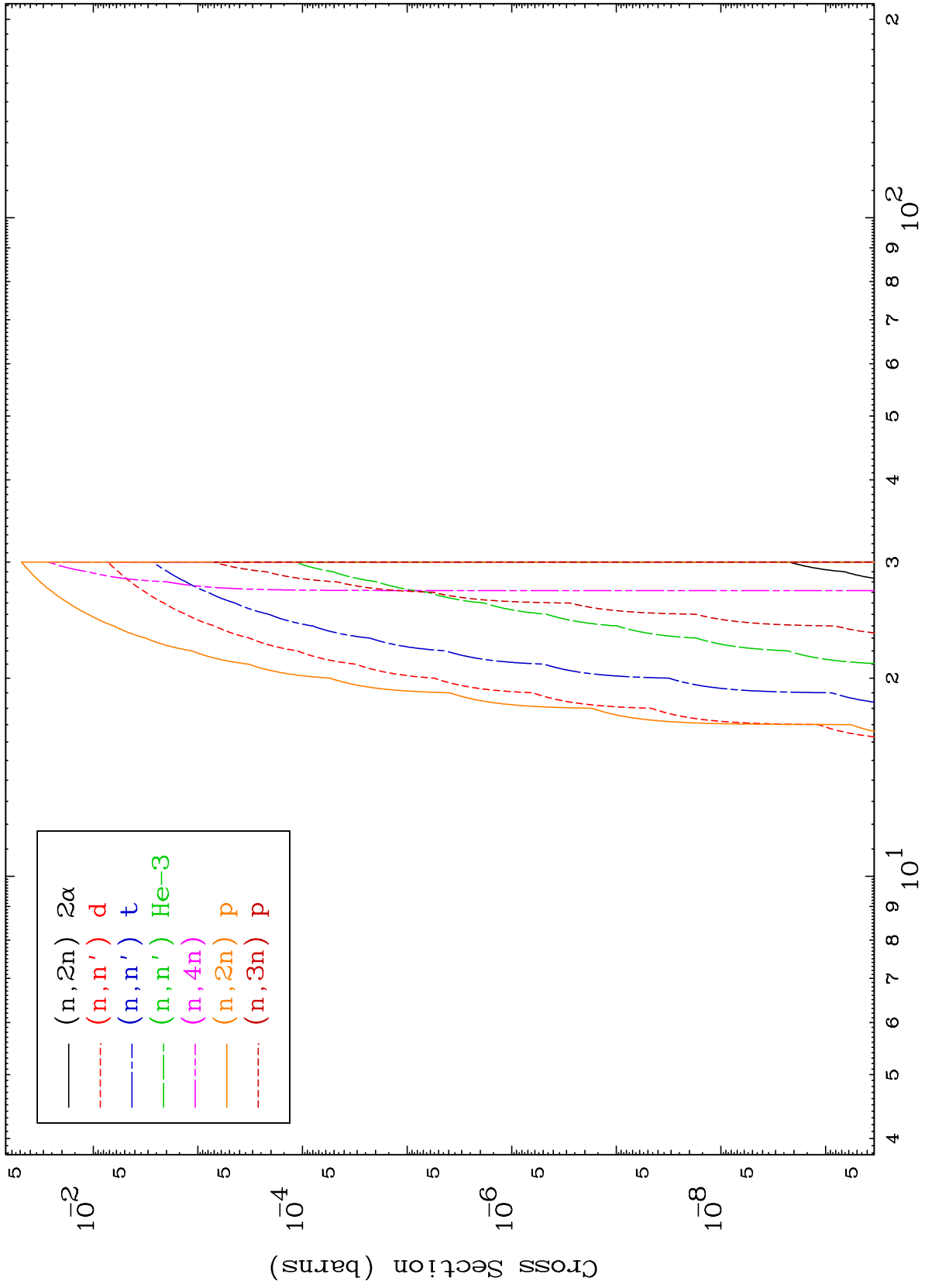
72-Hf-170



MAT 7213

Neutron Production  
293 Kelvin Cross Sections

72-Hf-170



Incident Energy (MeV)

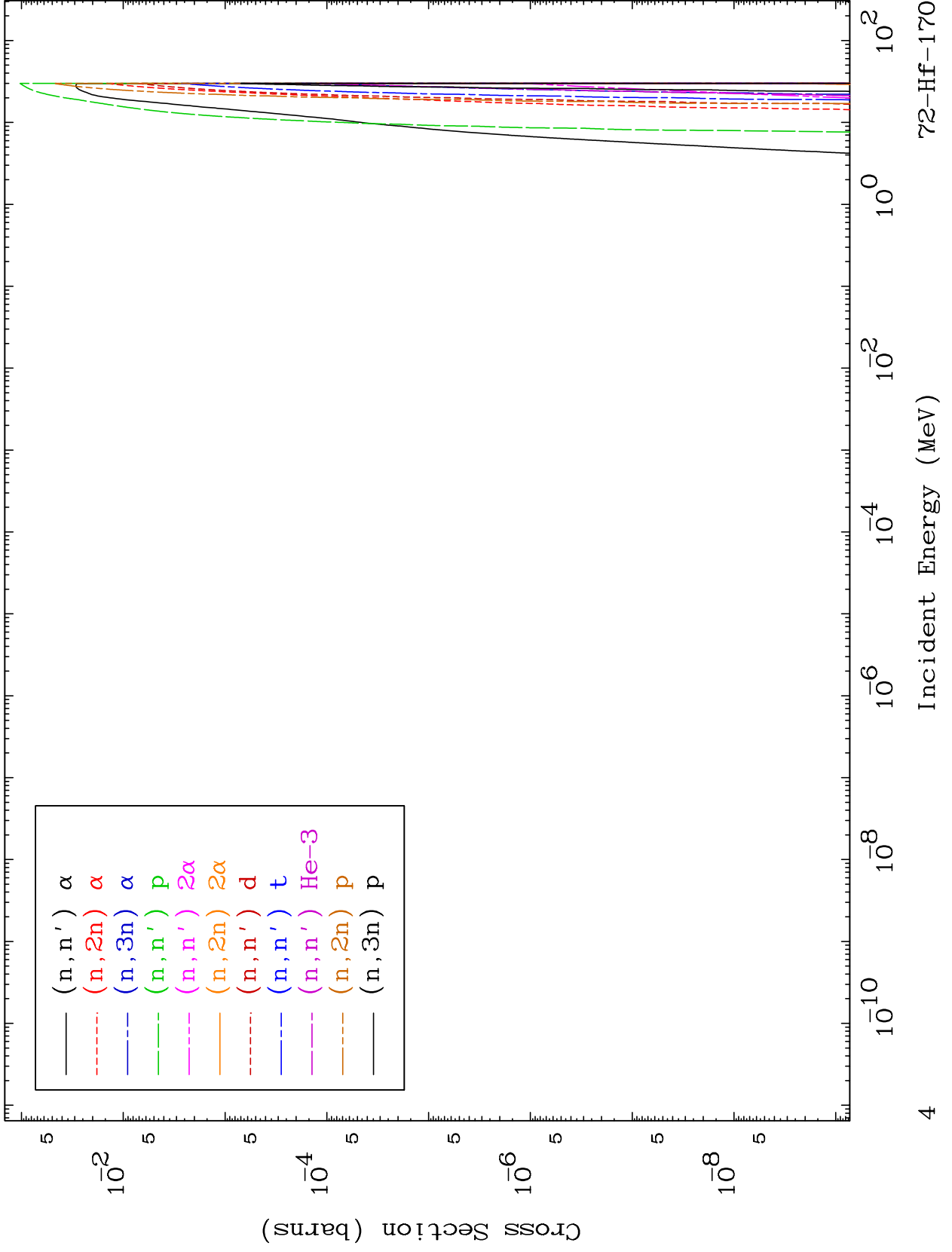
72-Hf-170

3

MAT 7213

Charged Particle  
293 Kelvin Cross Sections

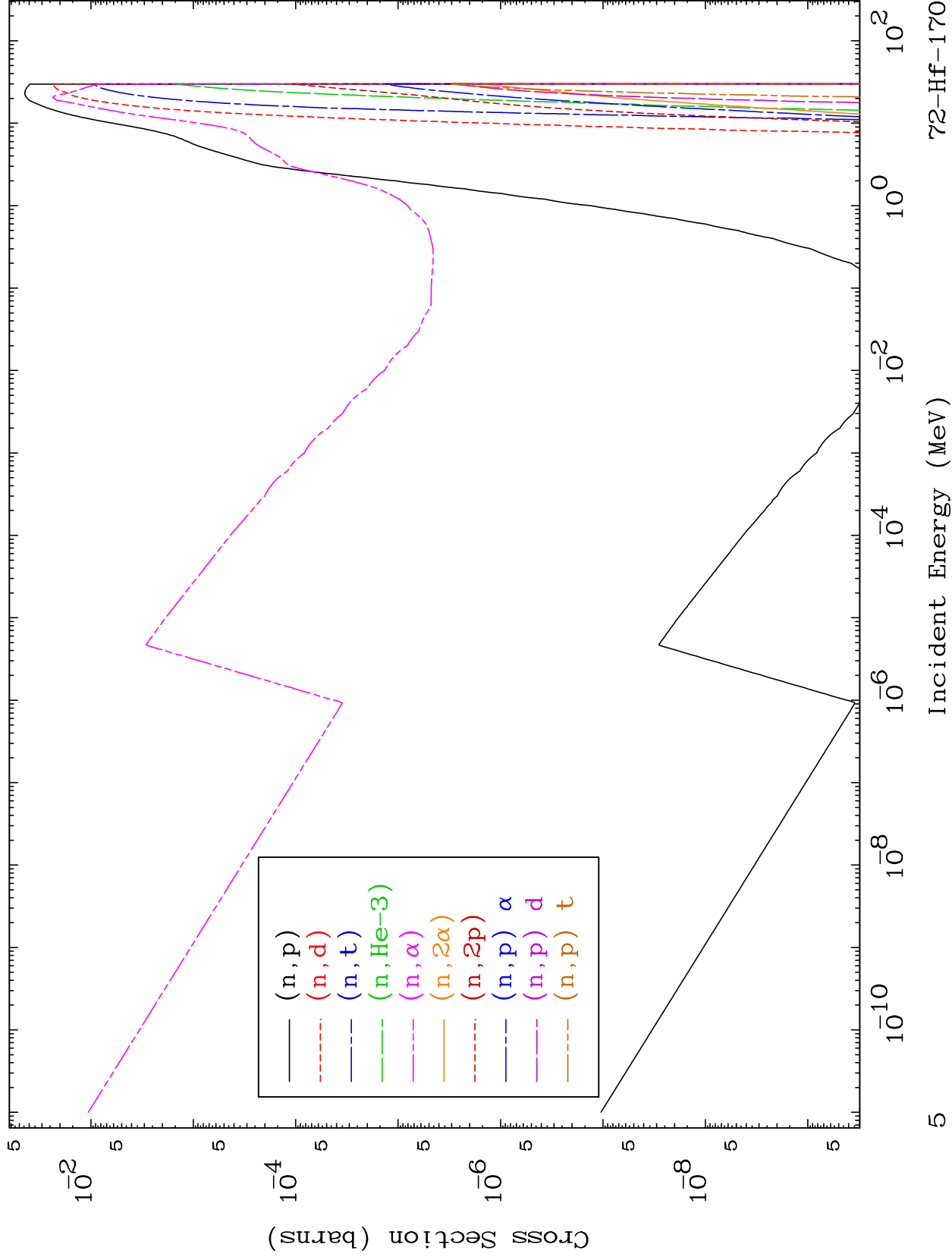
72-Hf-170



MAT 7213

Charged Particle  
293 Kelvin Cross Sections

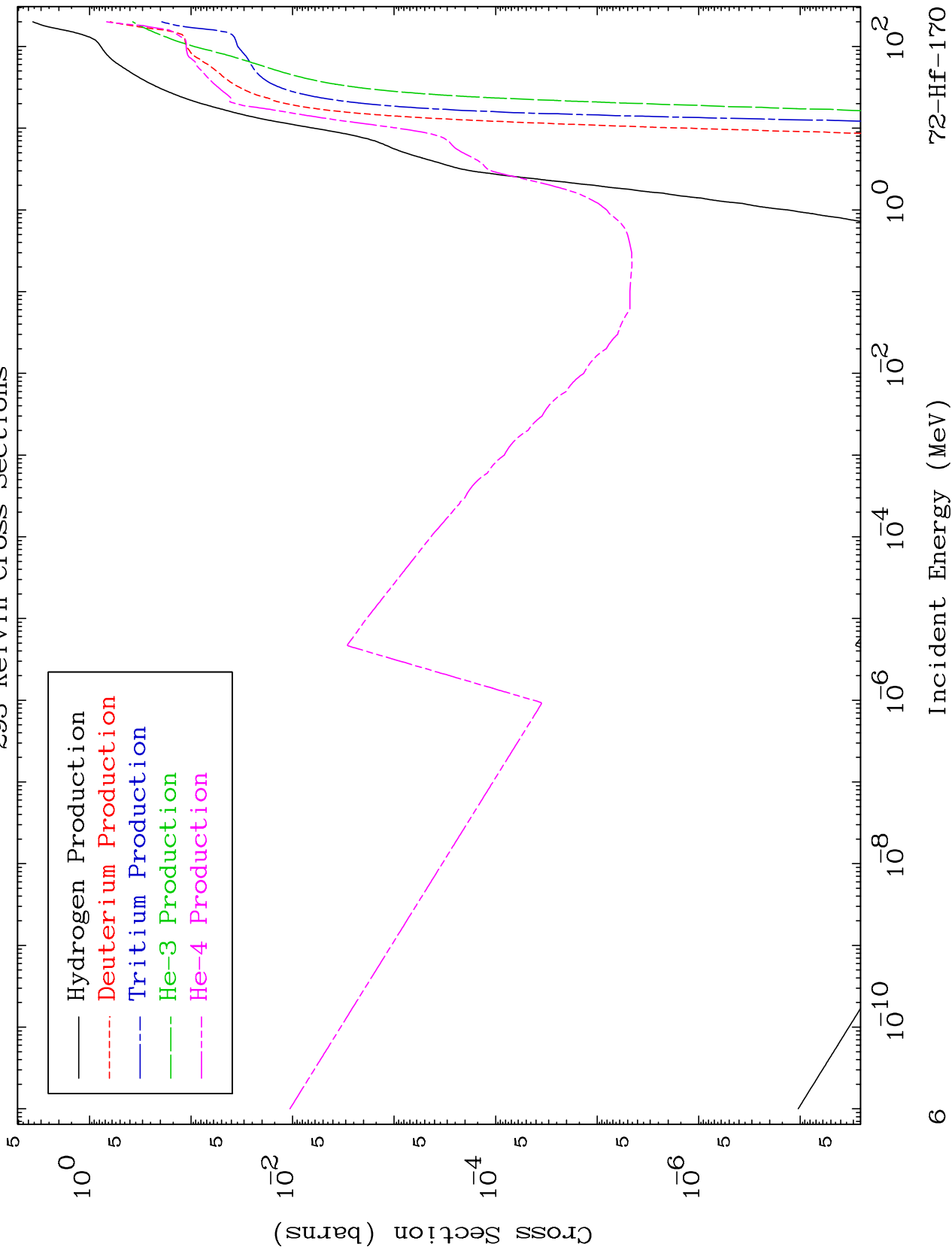
72-Hf-170



MAT 7213

Particle Production  
293 Kelvin Cross Sections

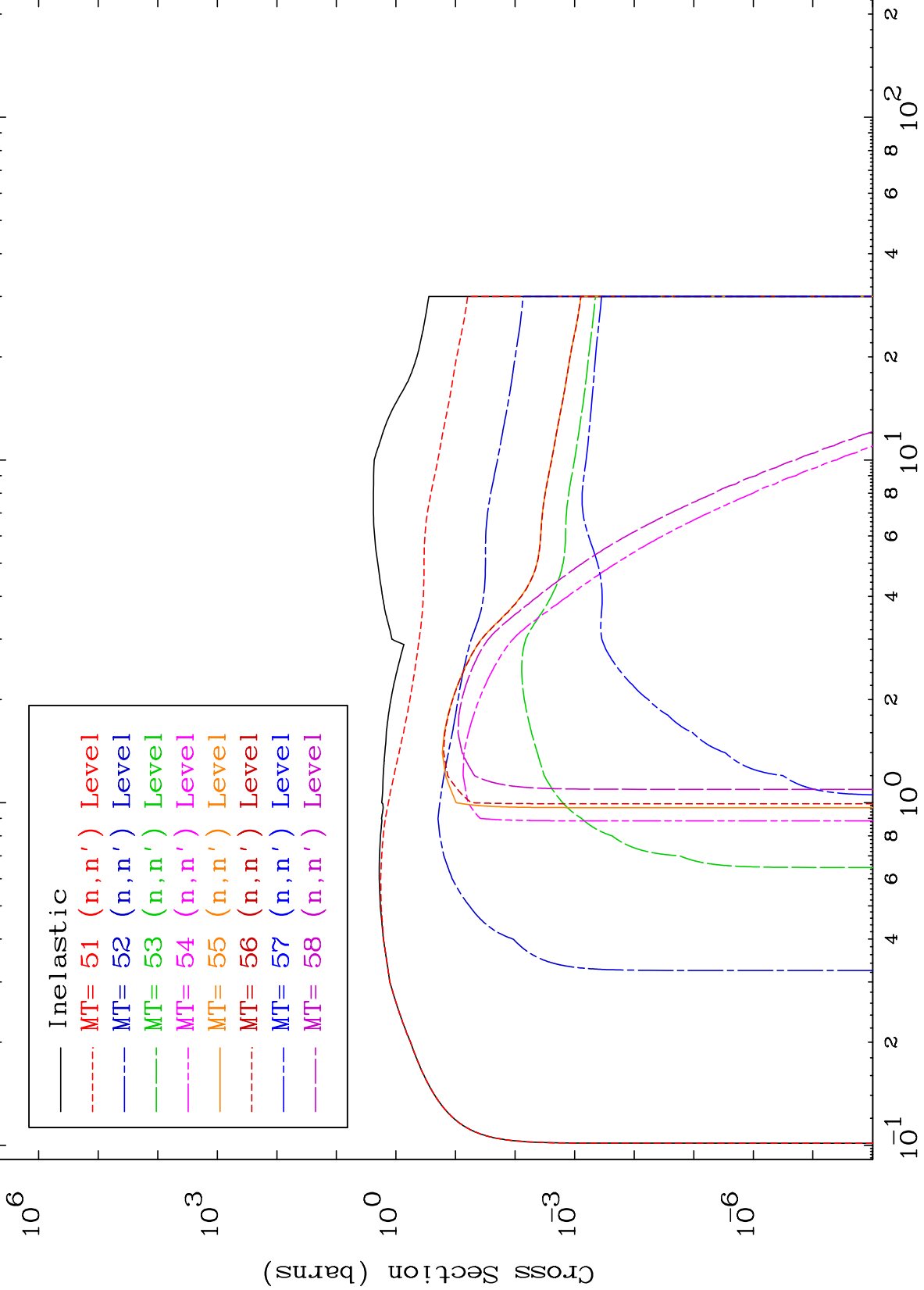
72-Hf-170



MAT 7213

(n,n') Level  
293 Kelvin Cross Sections

72-Hf-170



Incident Energy (MeV)

72-Hf-170

7

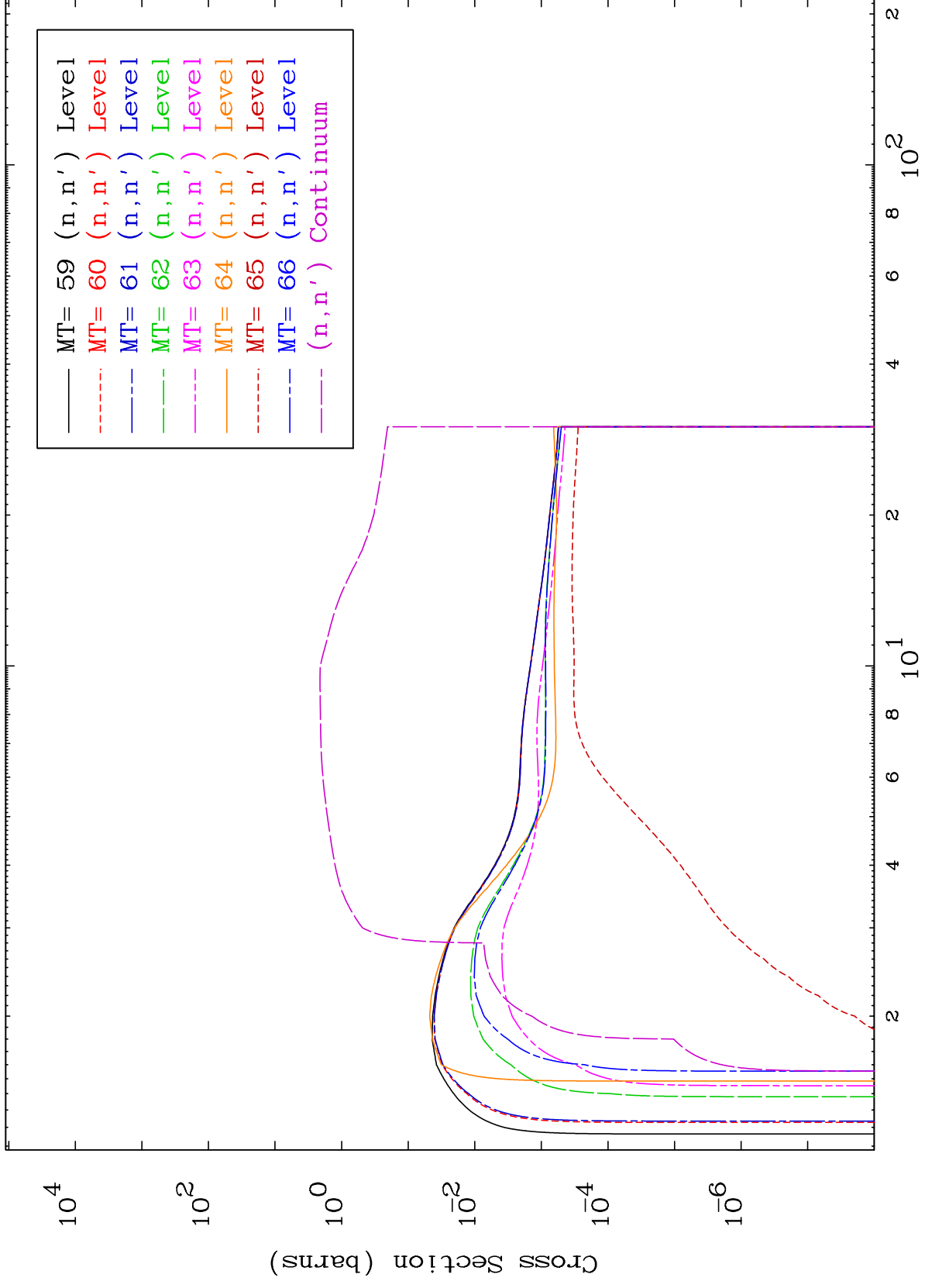


MAT 7213

(n,n') Level

72-Hf-170

293 Kelvin Cross Sections



8

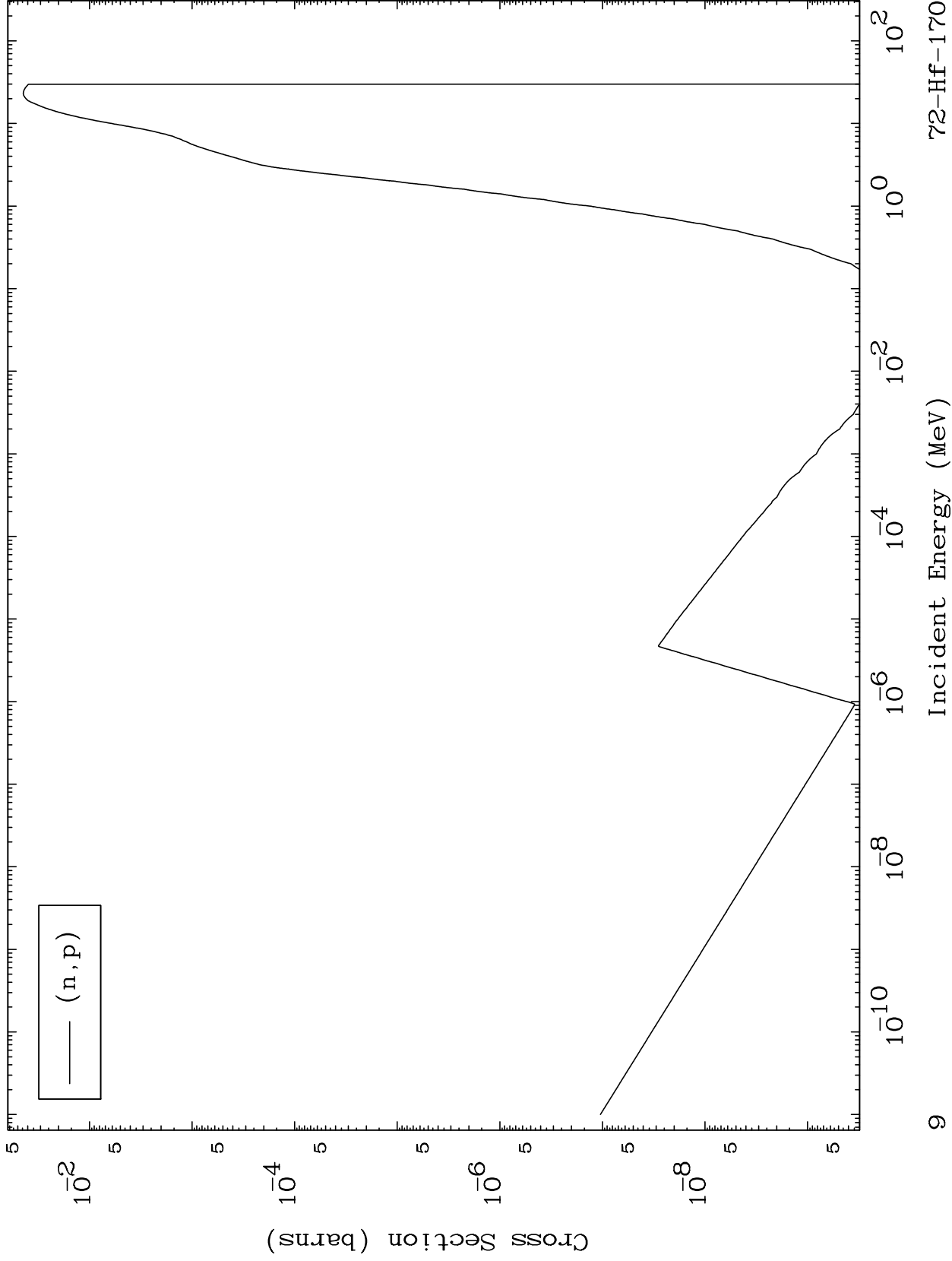
Incident Energy (MeV)

72-Hf-170

MAT 7213

(n,p) Levels  
293 Kelvin Cross Sections

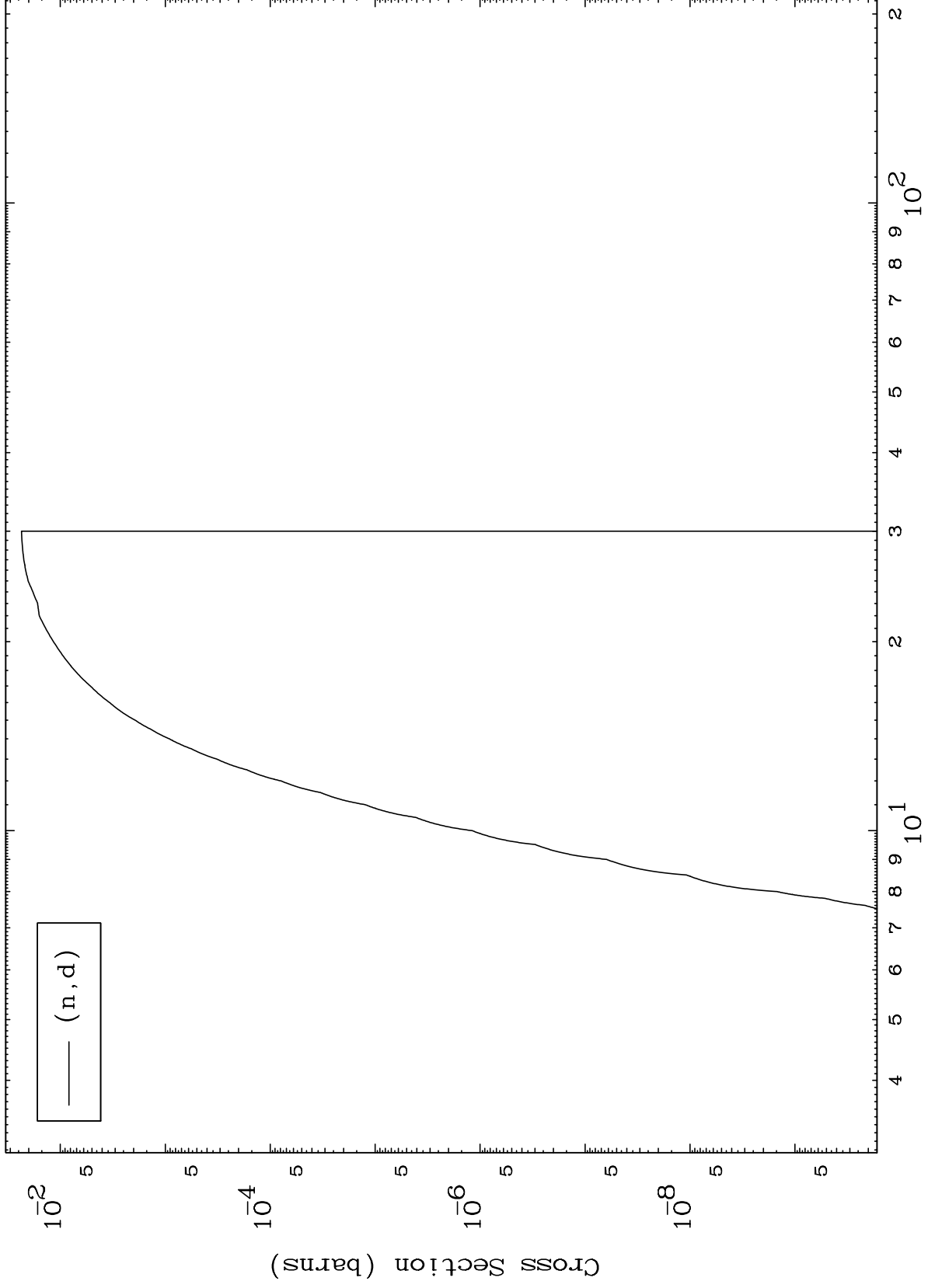
72-Hf-170



MAT 7213

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-170



(n,d)

10

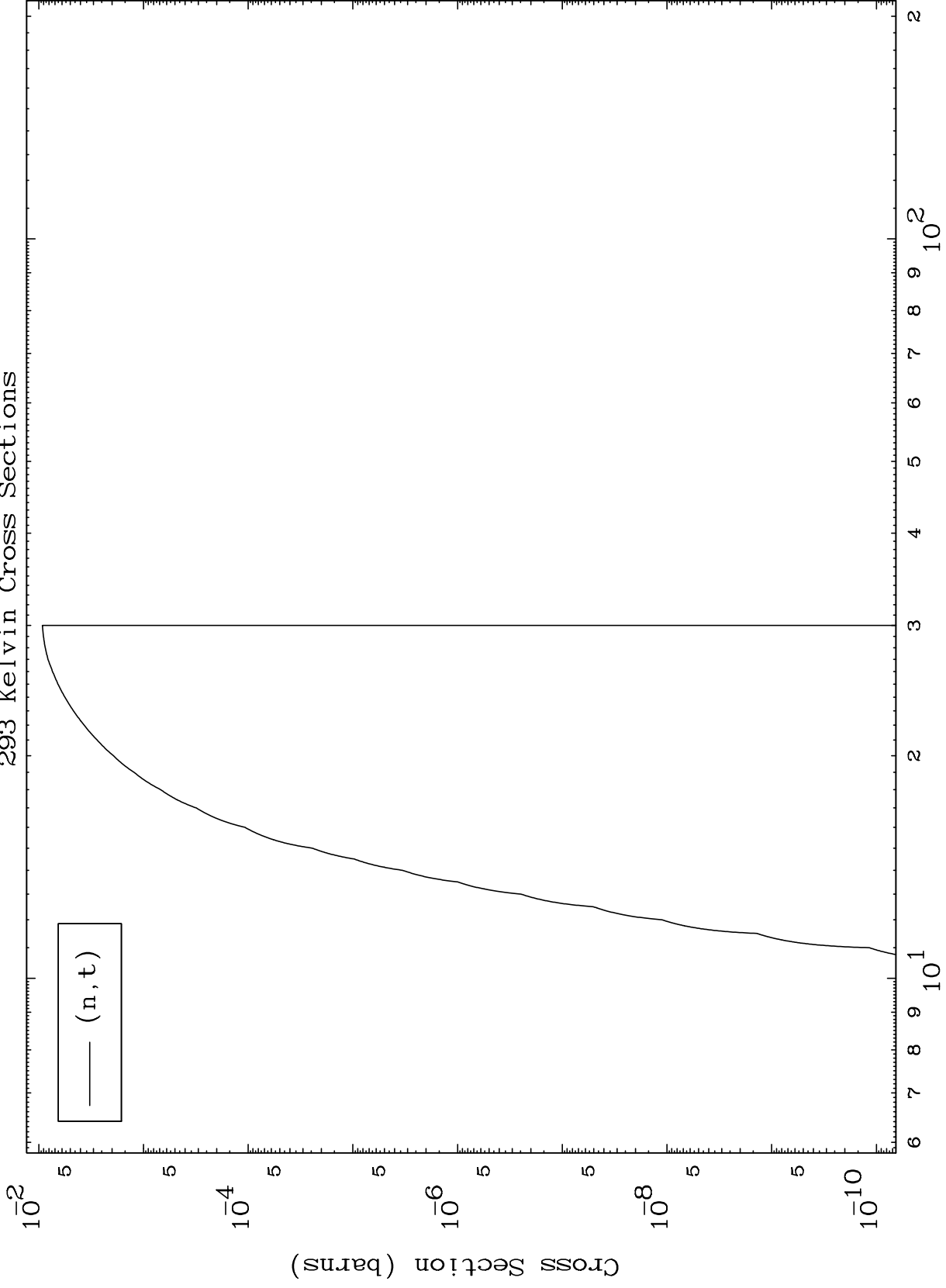
Incident Energy (MeV)

72-Hf-170

MAT 7213

(n,t) Levels  
293 Kelvin Cross Sections

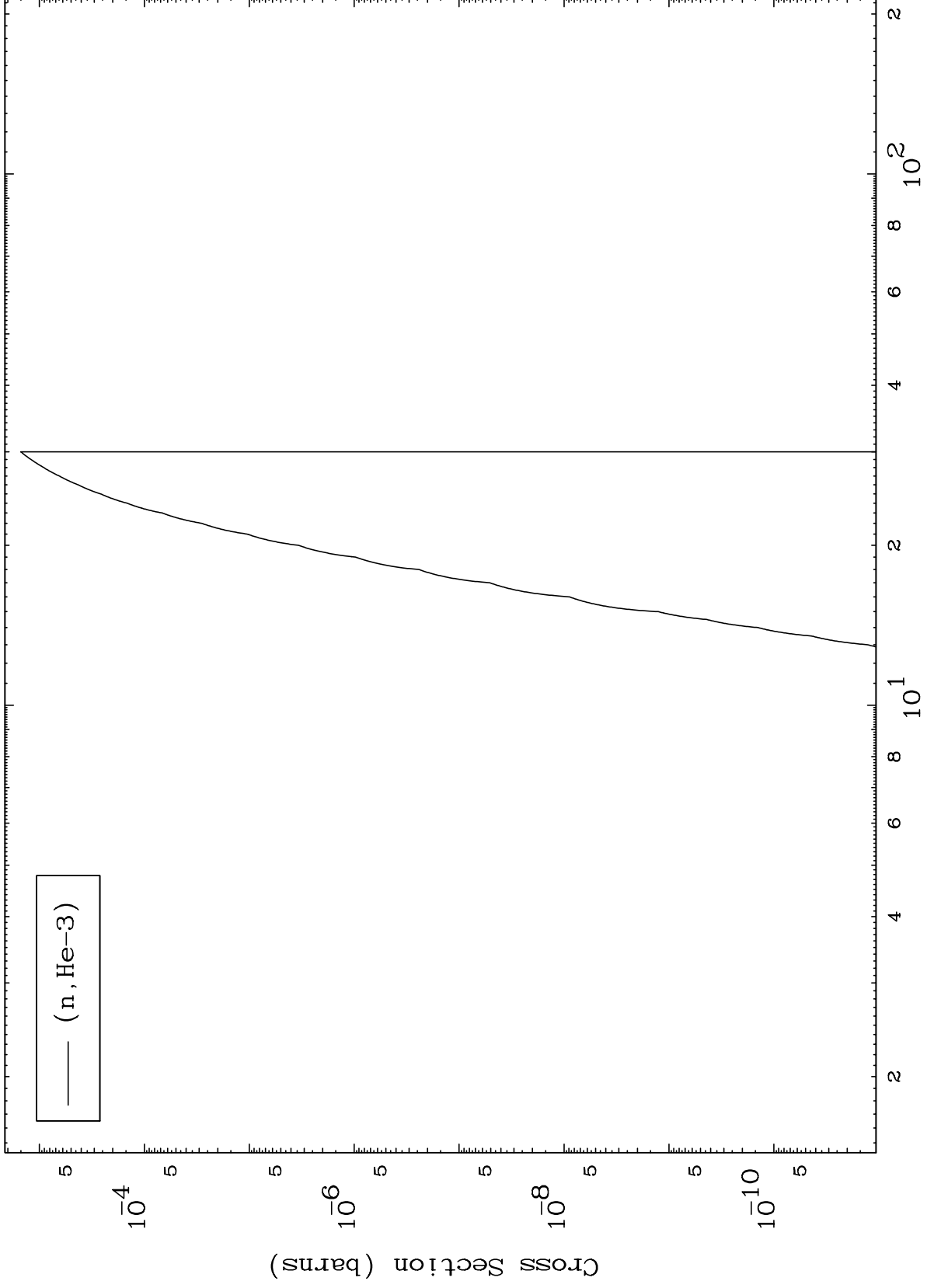
72-Hf-170



MAT 7213

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-170



12

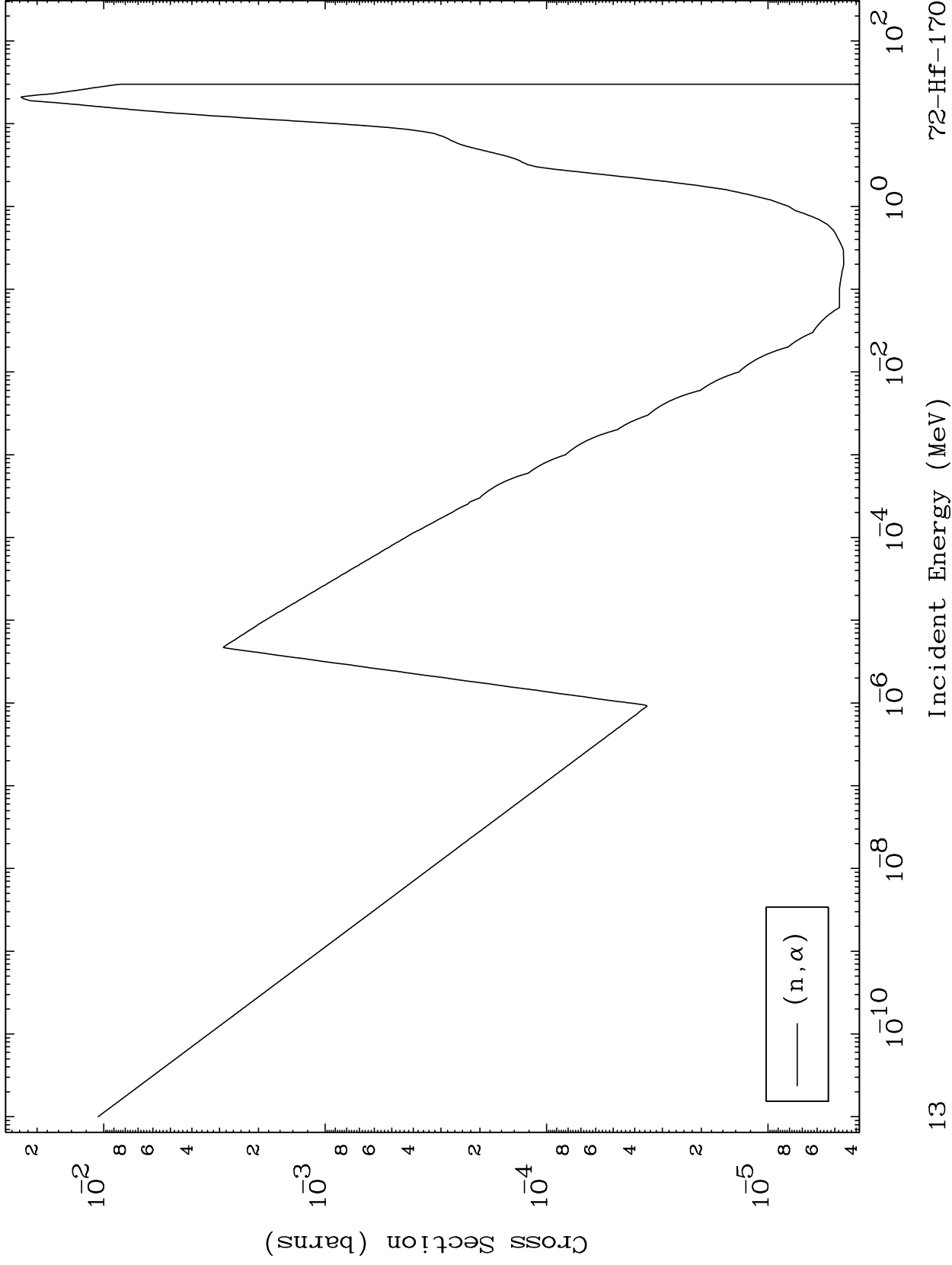
Incident Energy (MeV)

72-Hf-170

MAT 7213

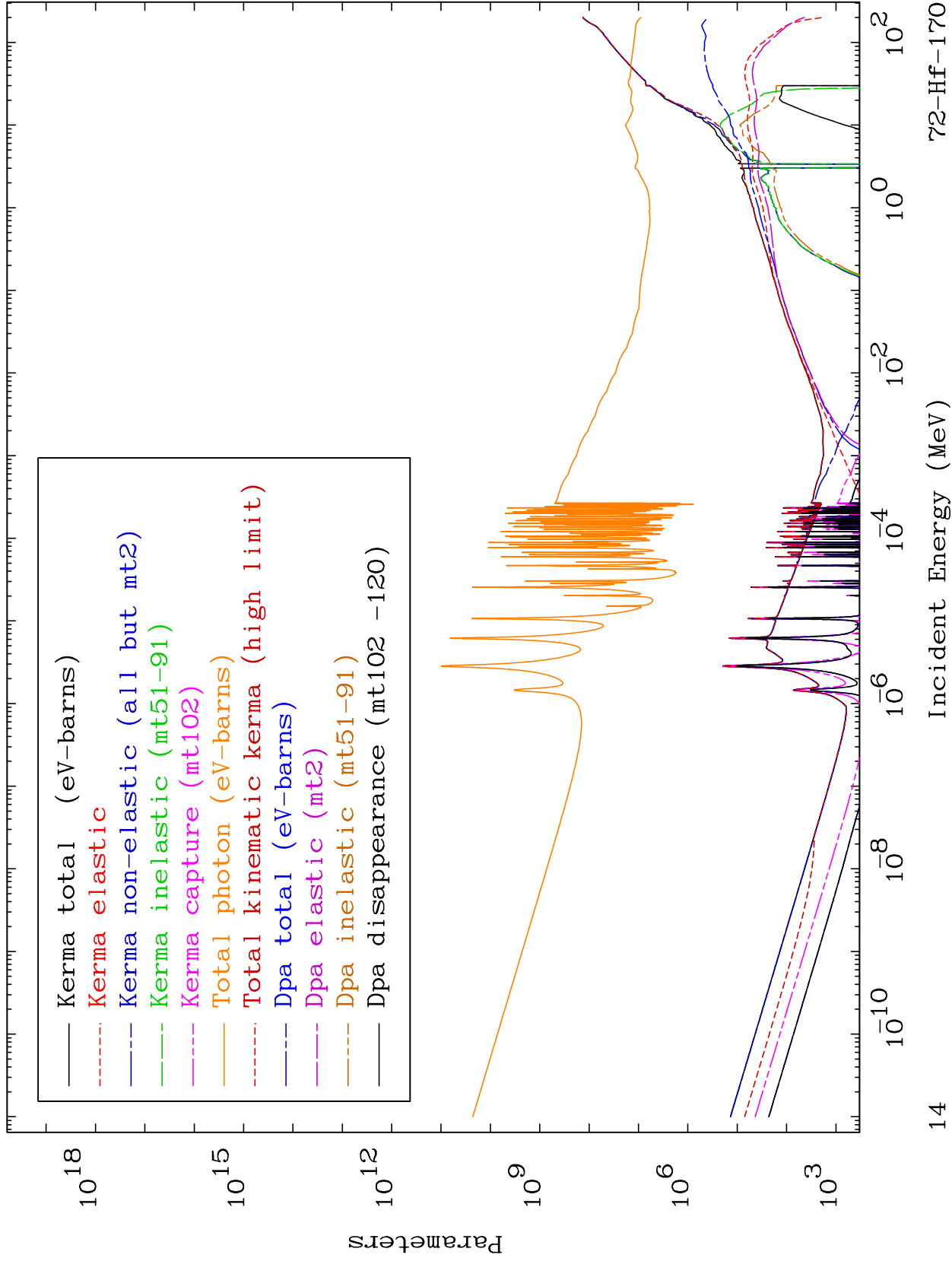
(n,α) Levels  
293 Kelvin Cross Sections

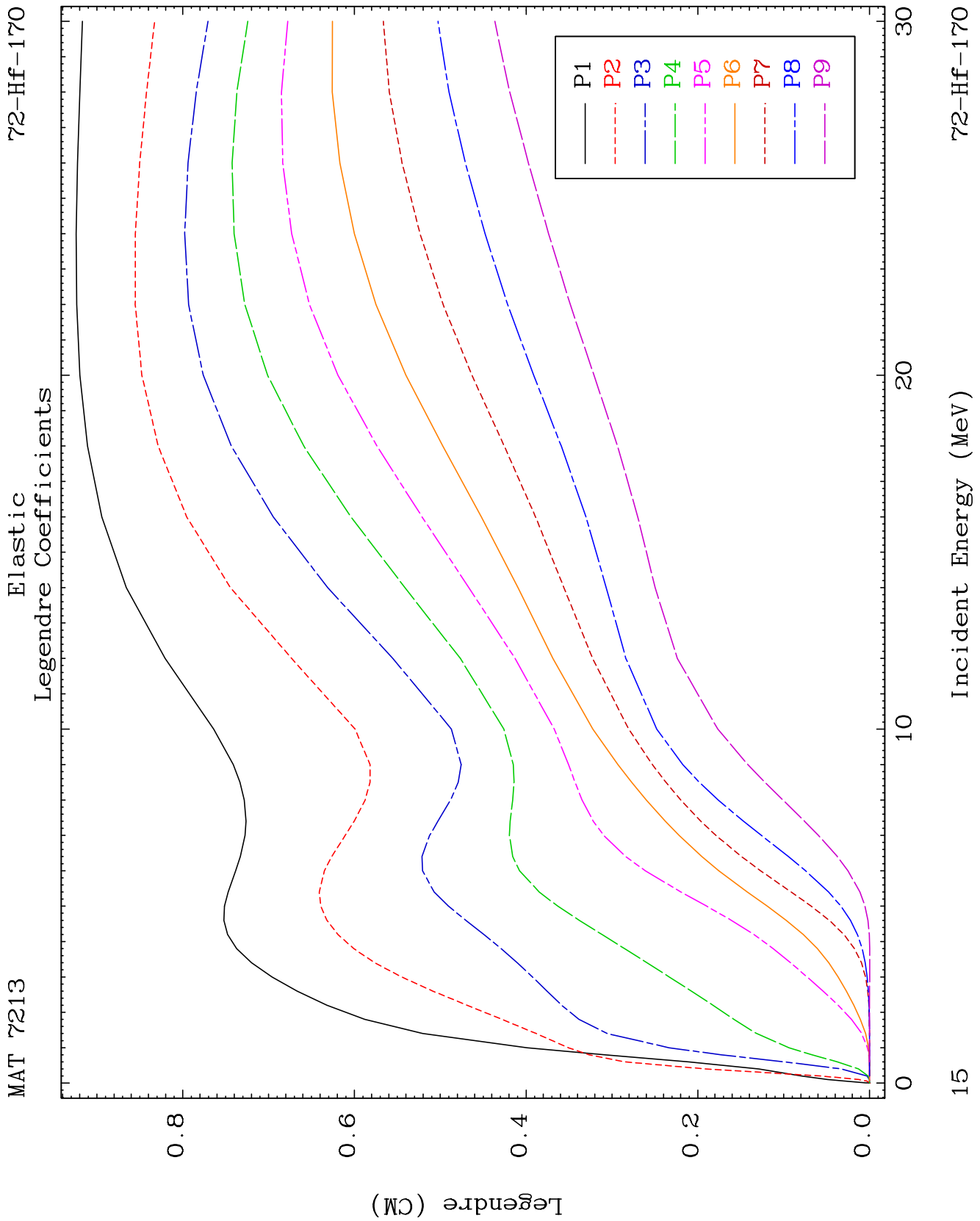
72-Hf-170



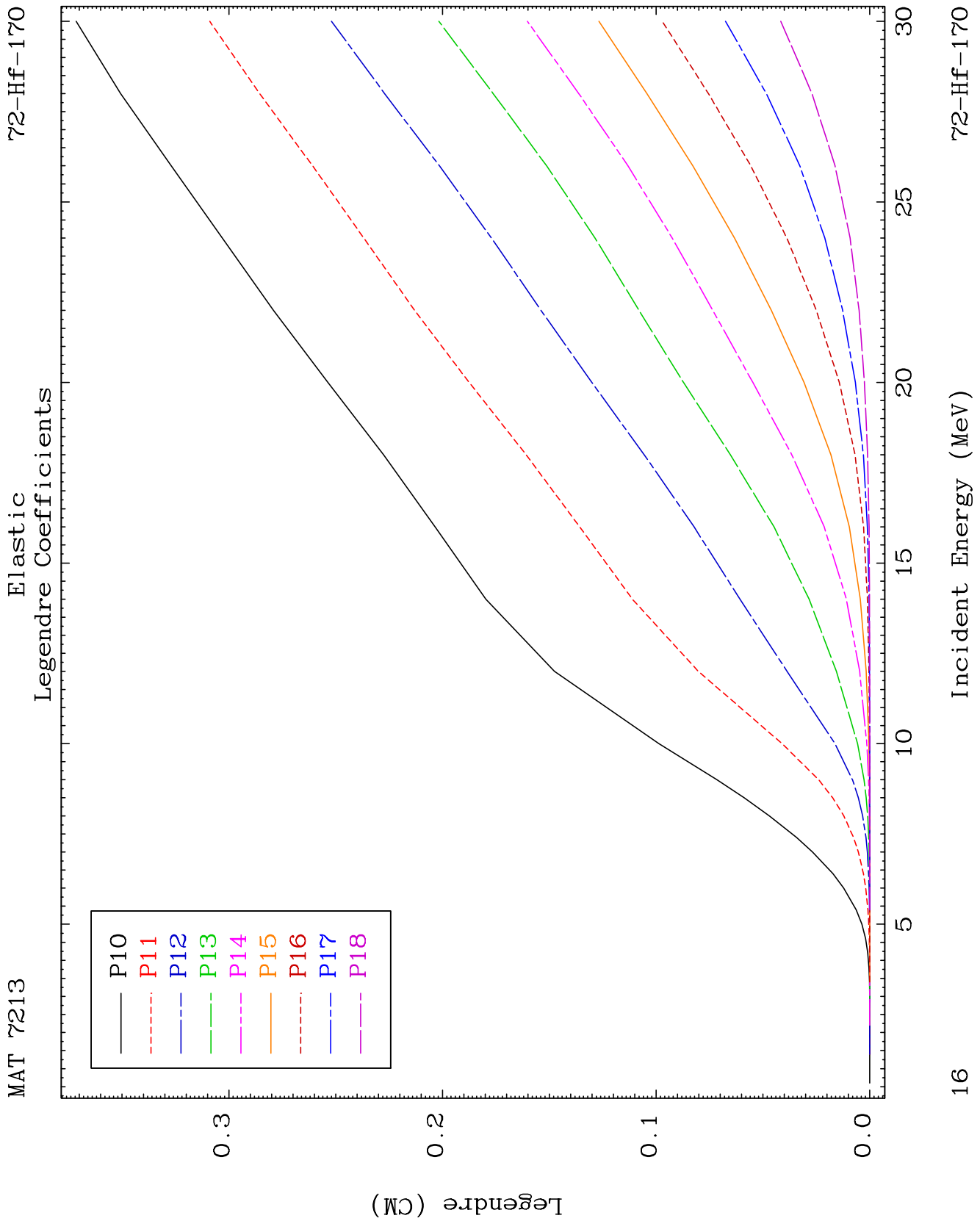
13

72-Hf-170





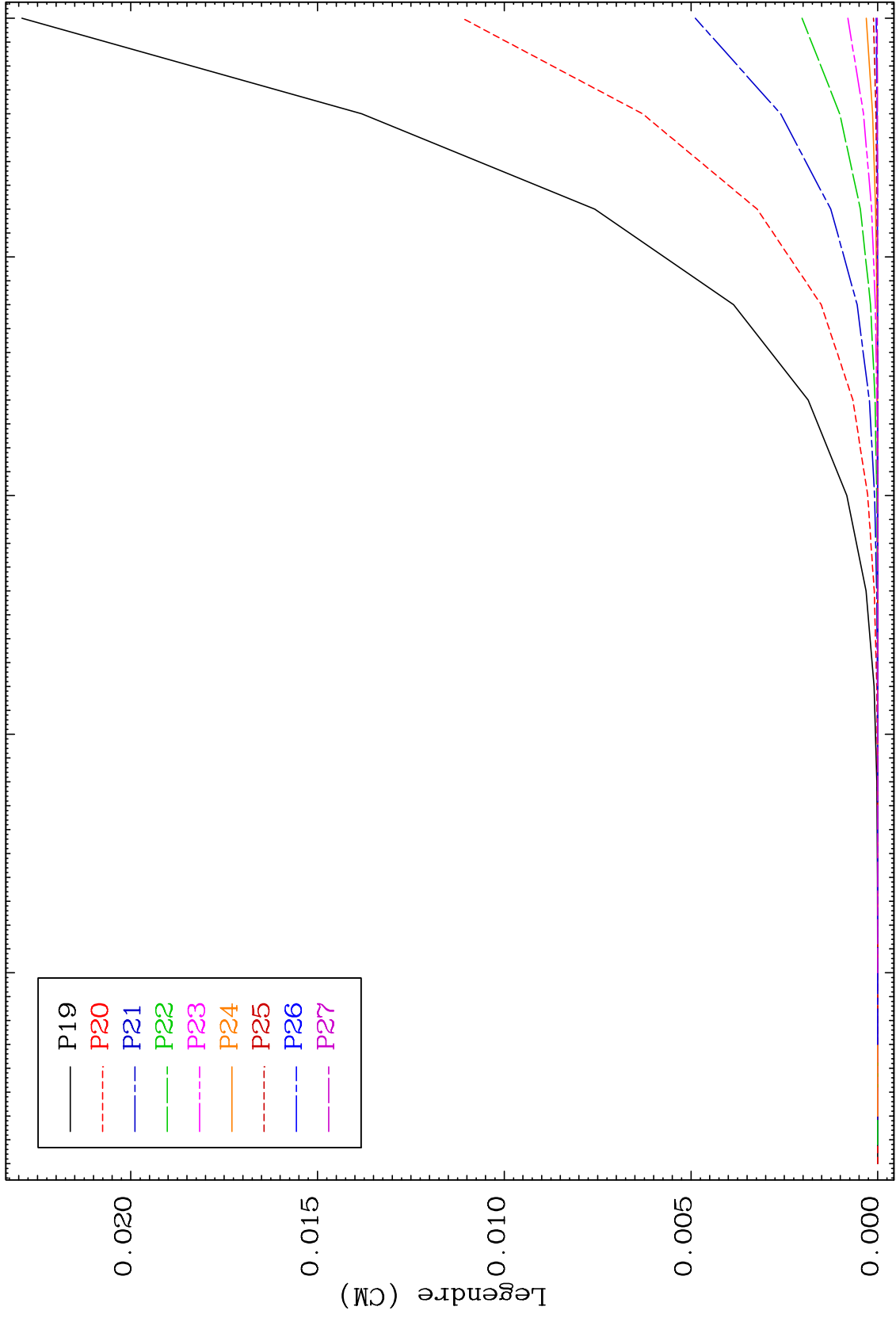




MAT 7213

Elastic Legendre Coefficients

72-Hf-170



17

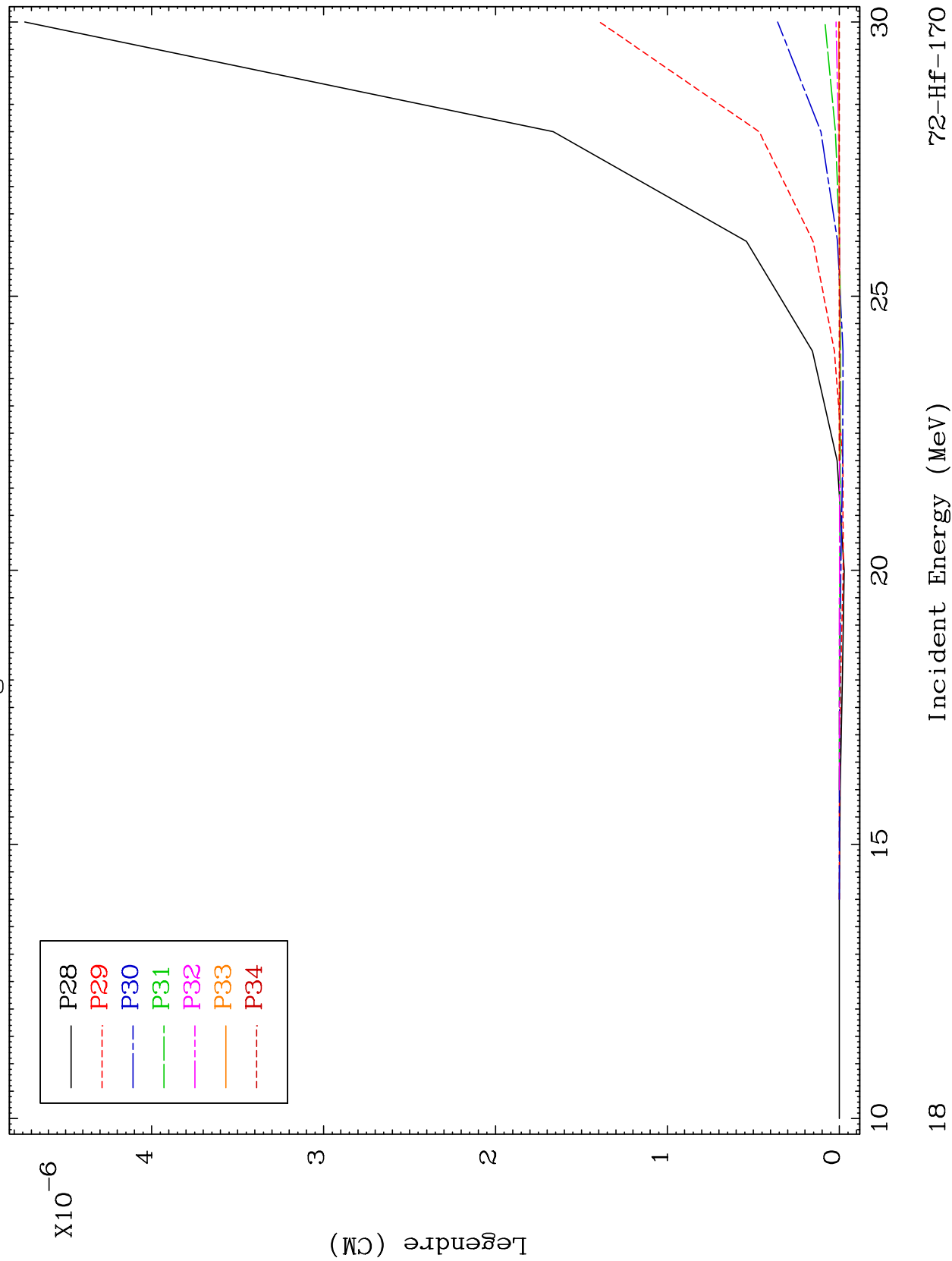
Incident Energy (MeV)

72-Hf-170

MAT 7213

Elastic  
Legendre Coefficients

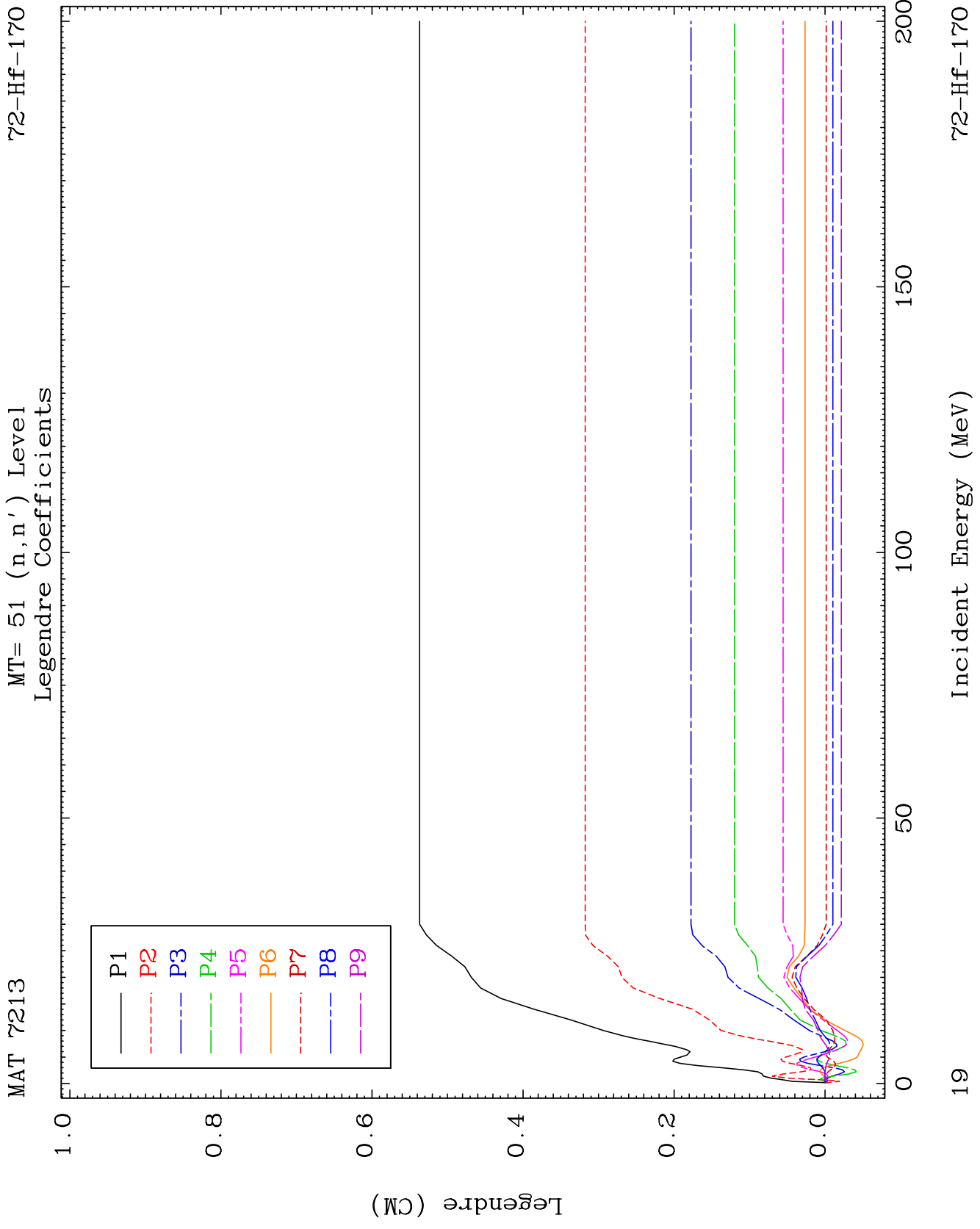
72-Hf-170

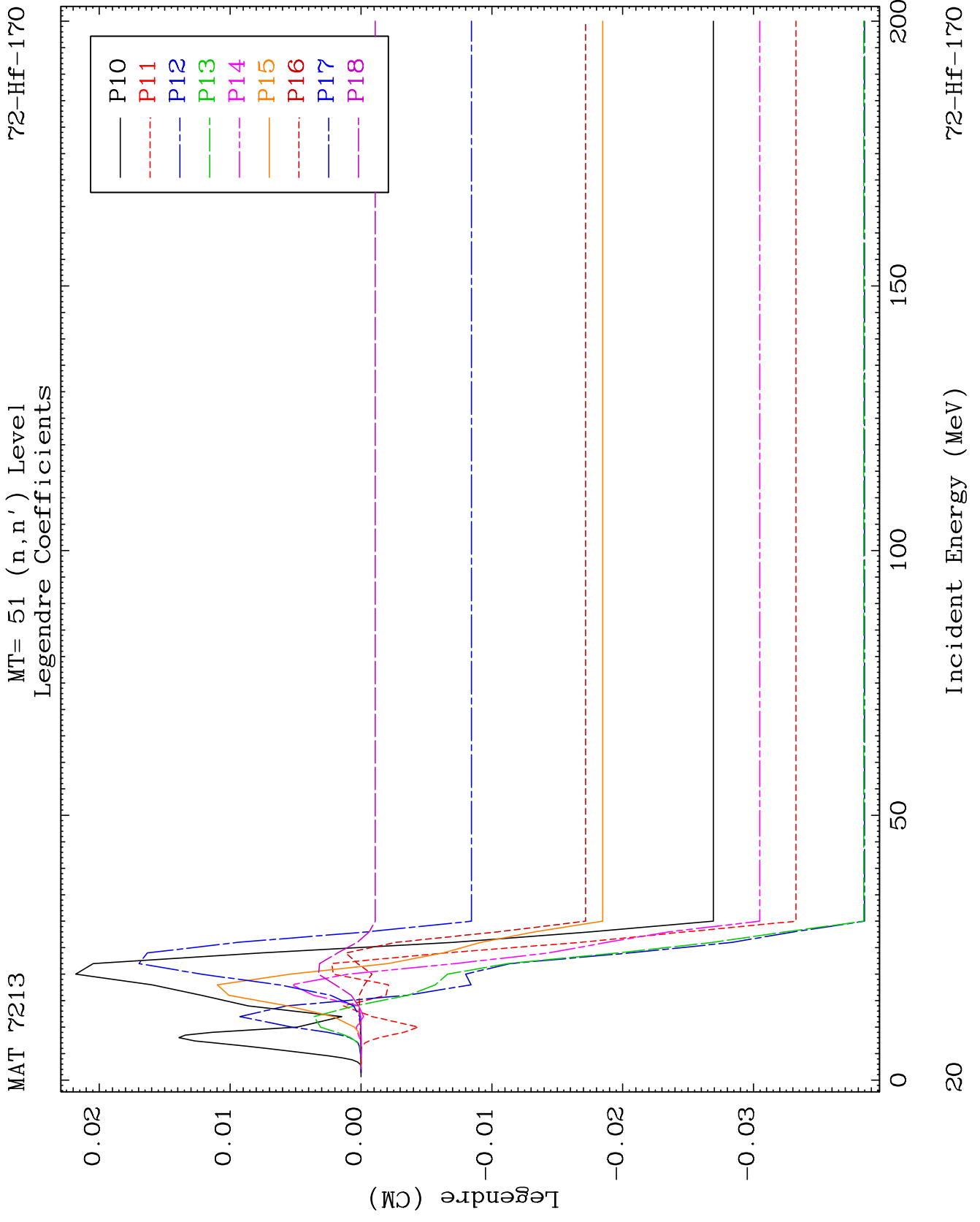


18

Incident Energy (MeV)

72-Hf-170

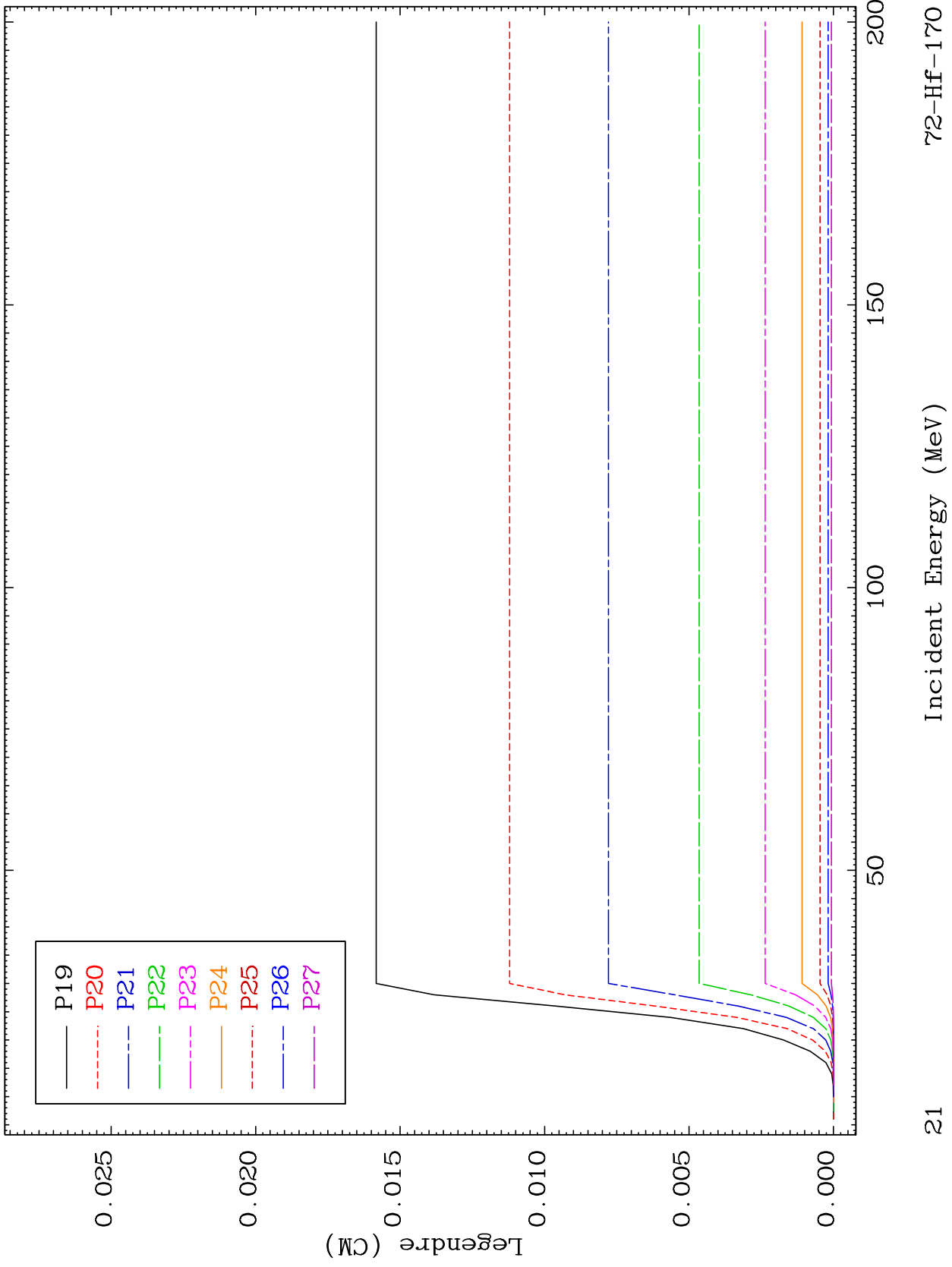




MAT 7213

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

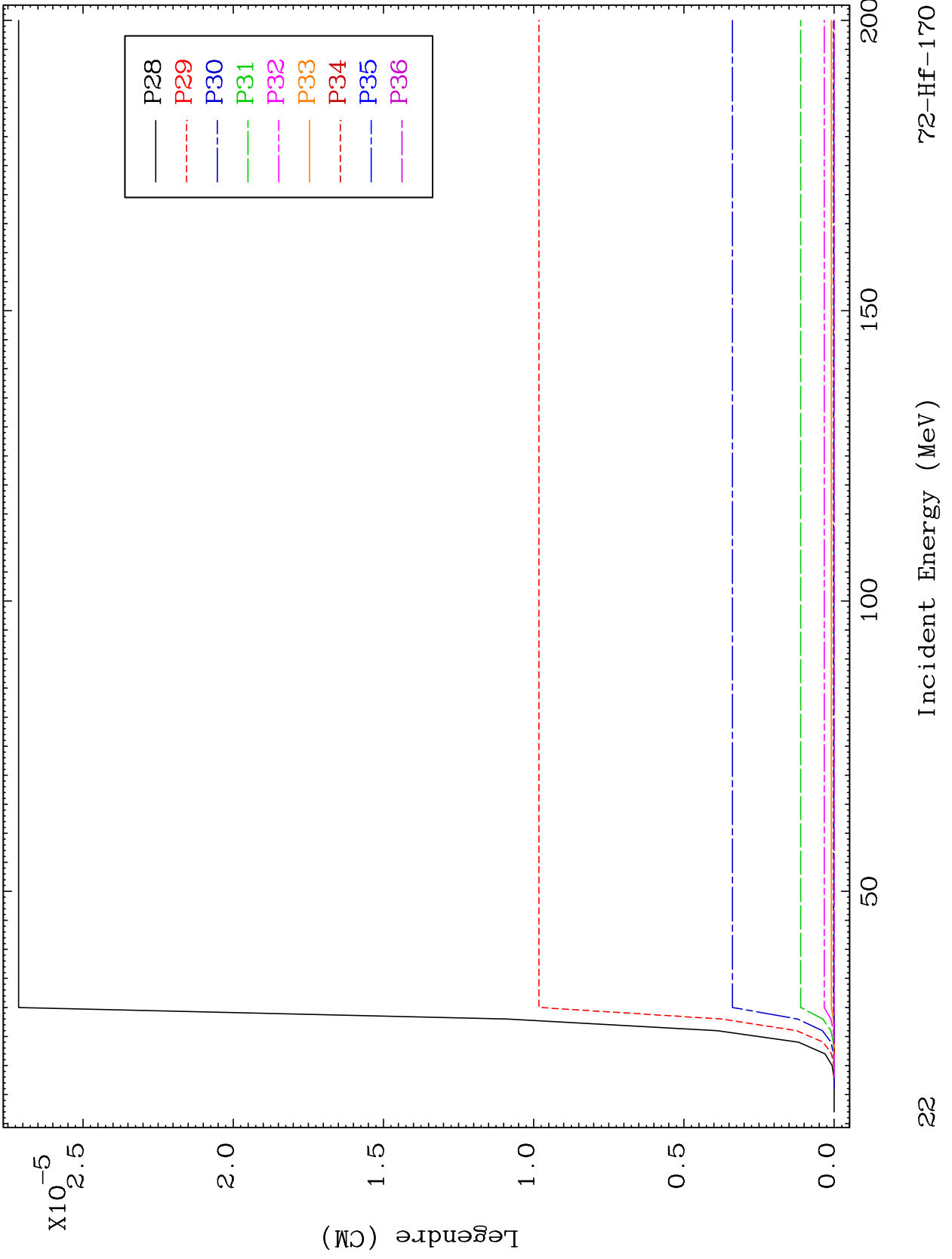
72-Hf-170

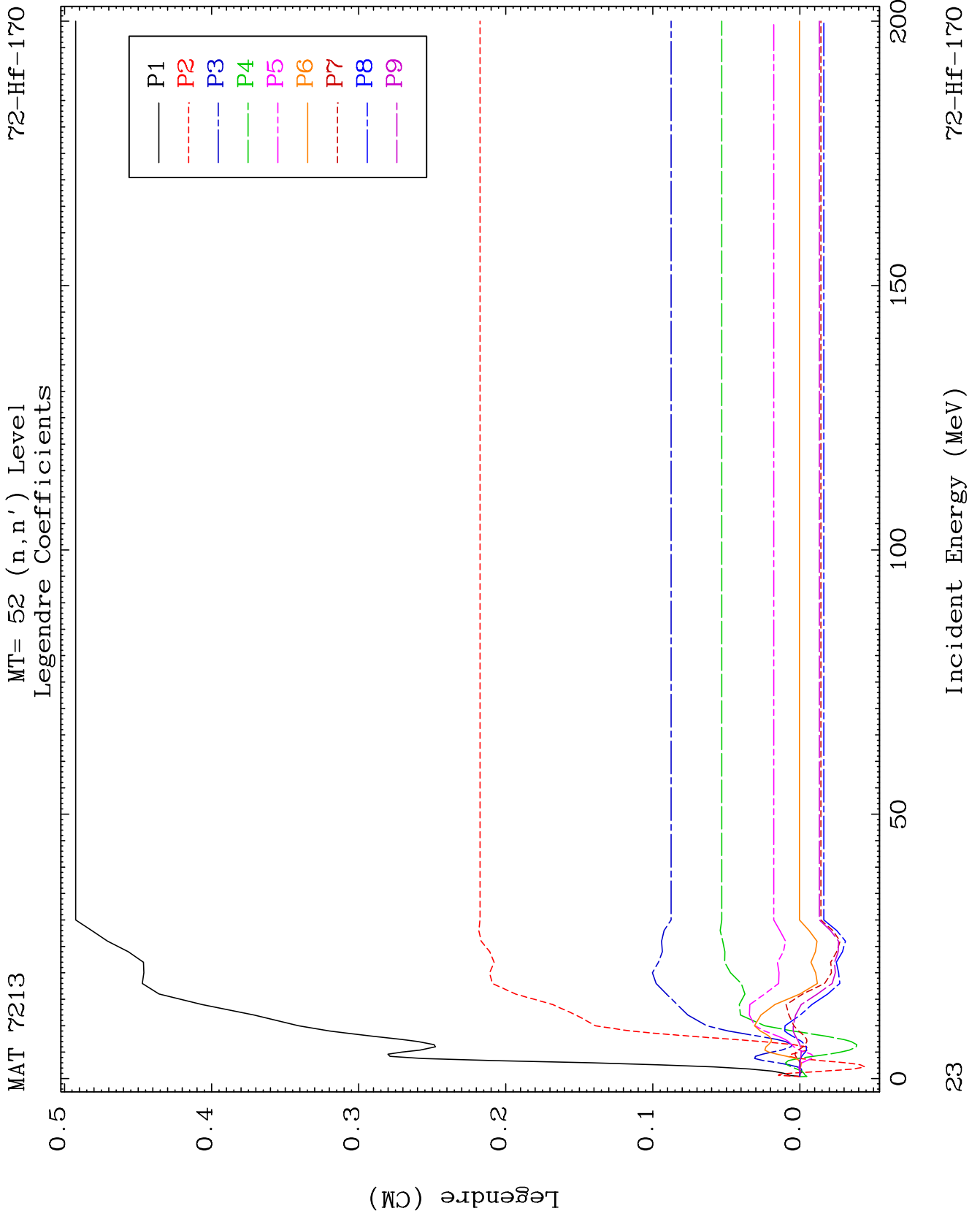


MAT 7213

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

72-Hf-170



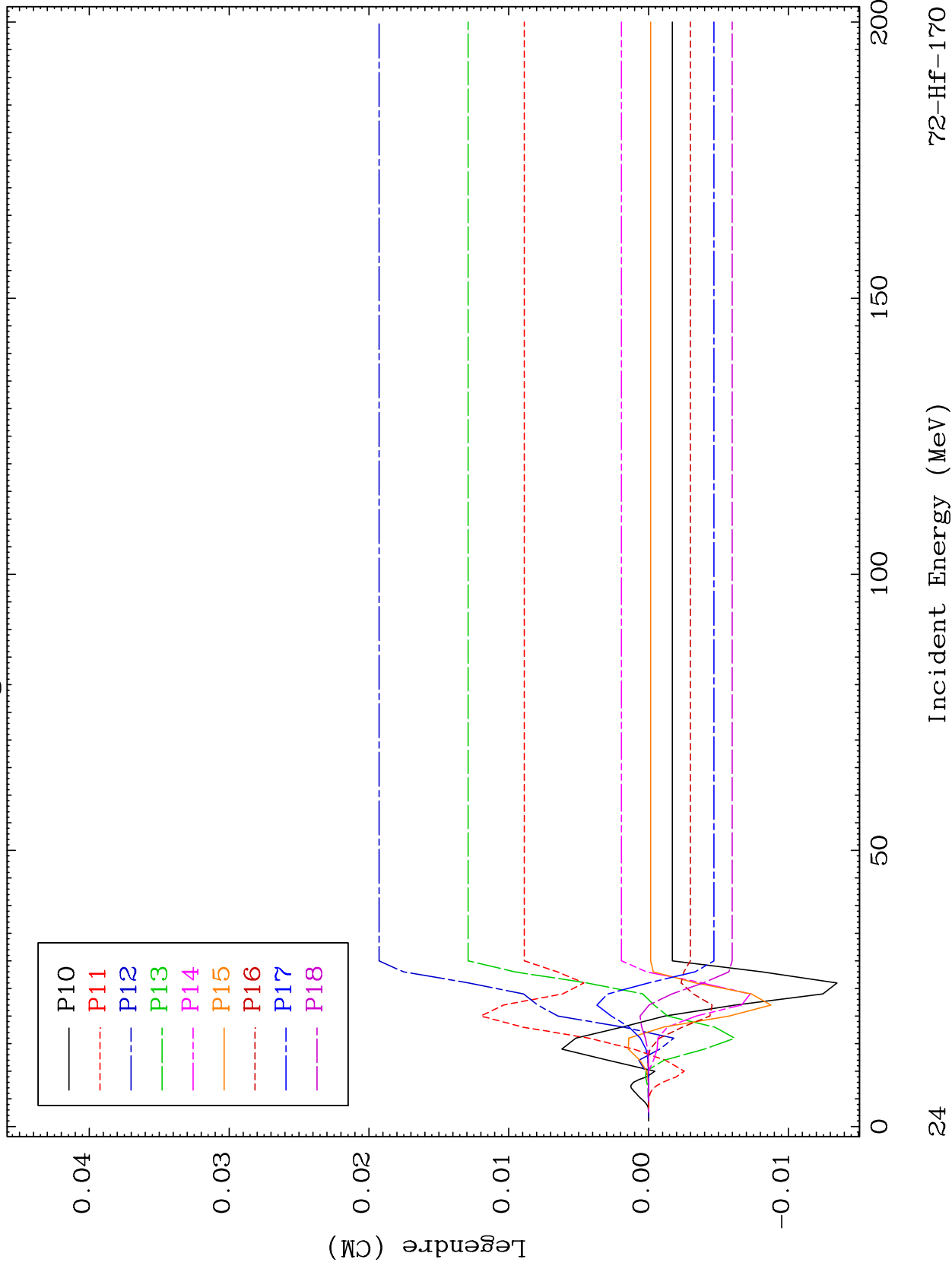




MAT 7213

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

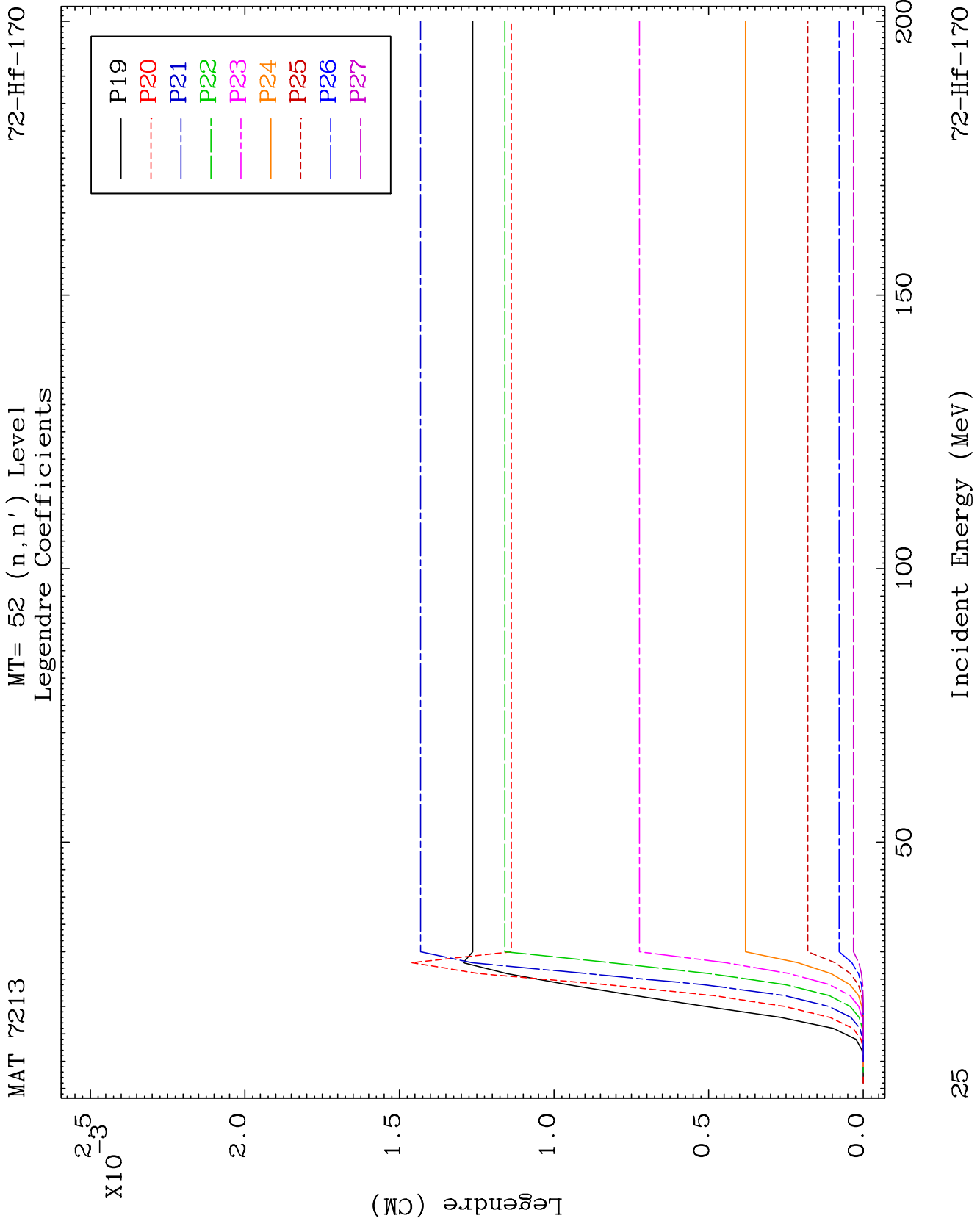
72-Hf-170



24

Incident Energy (MeV)

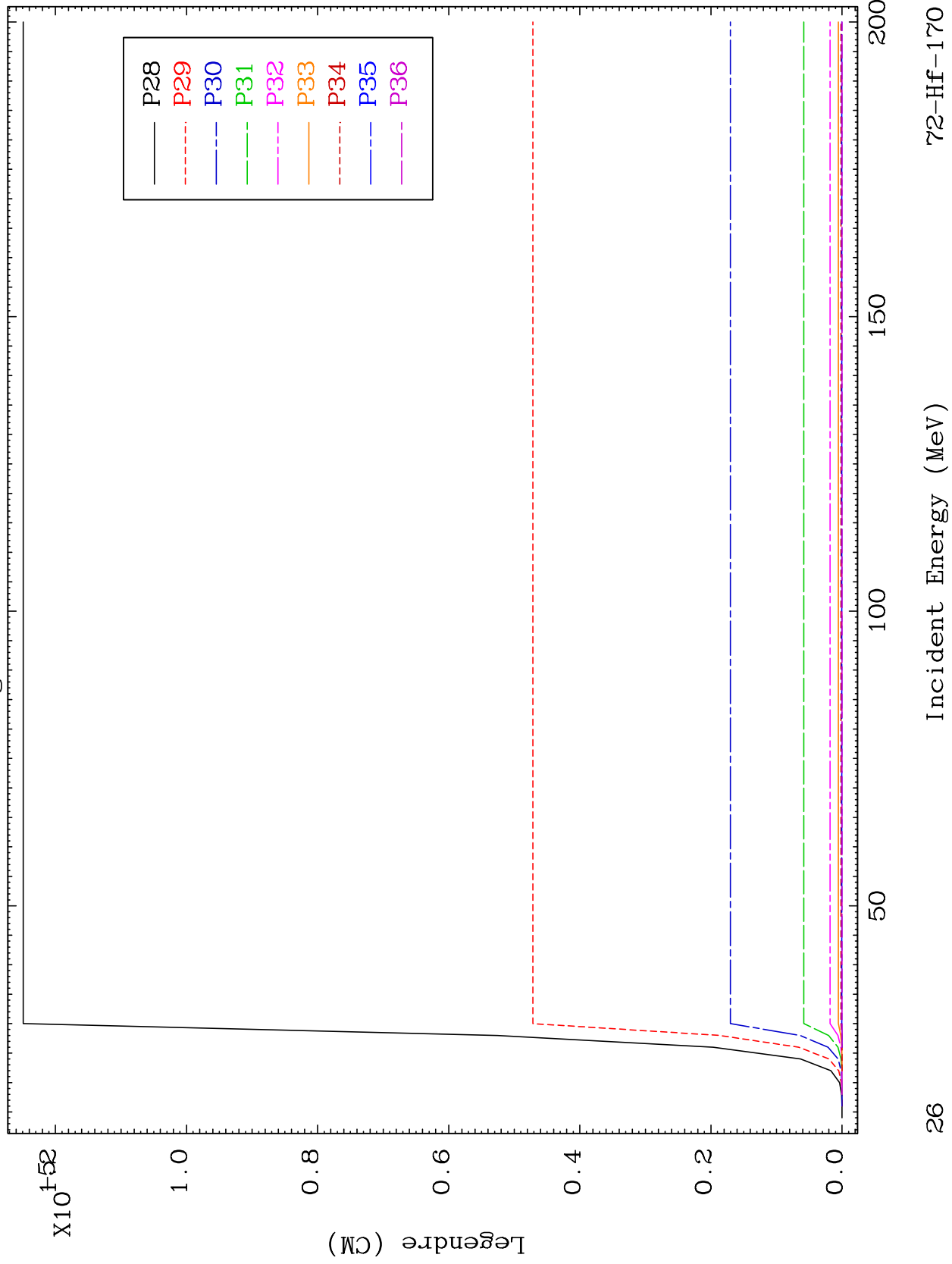
72-Hf-170



MAT 7213

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

72-Hf-170



26

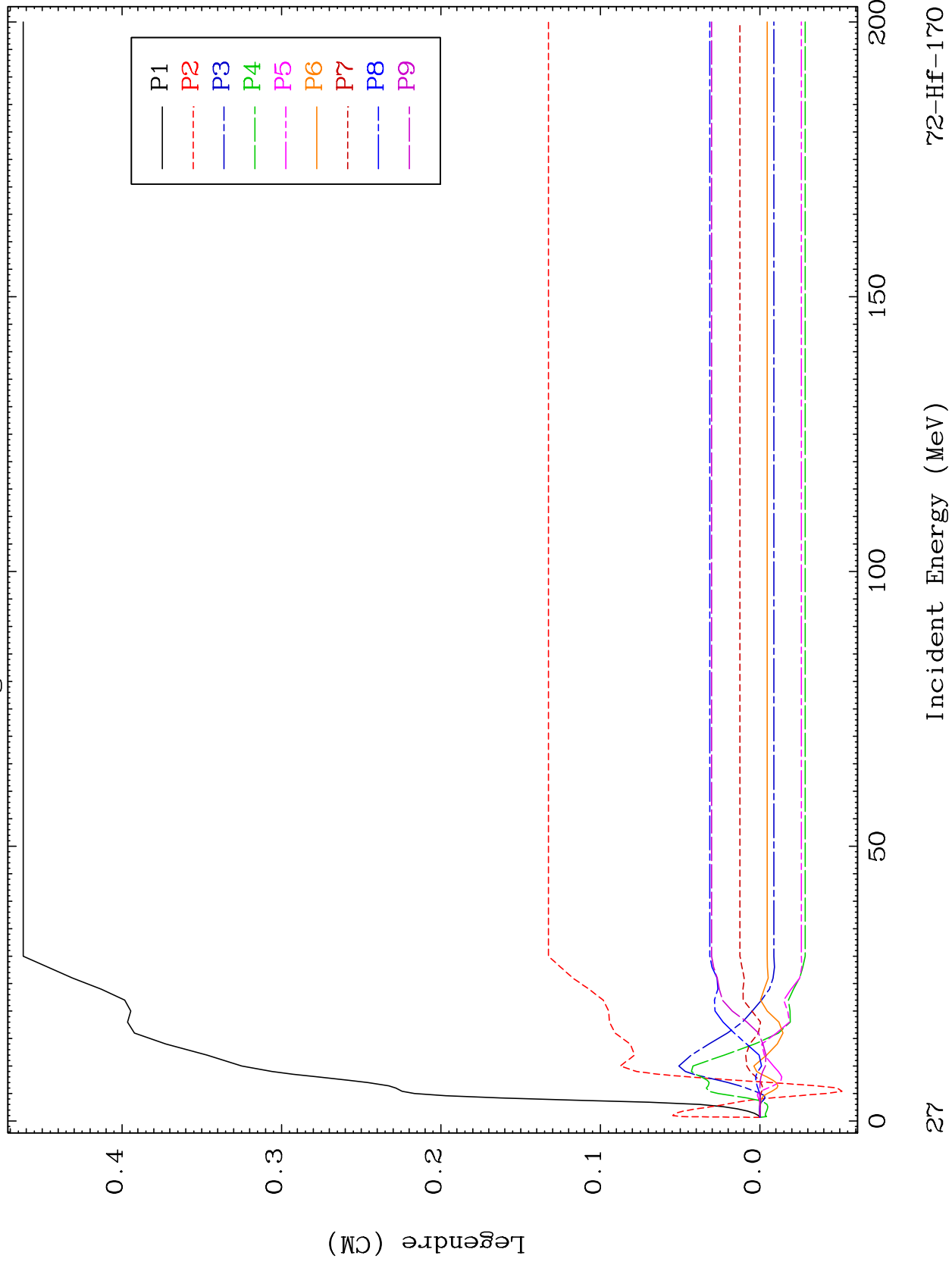
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



27

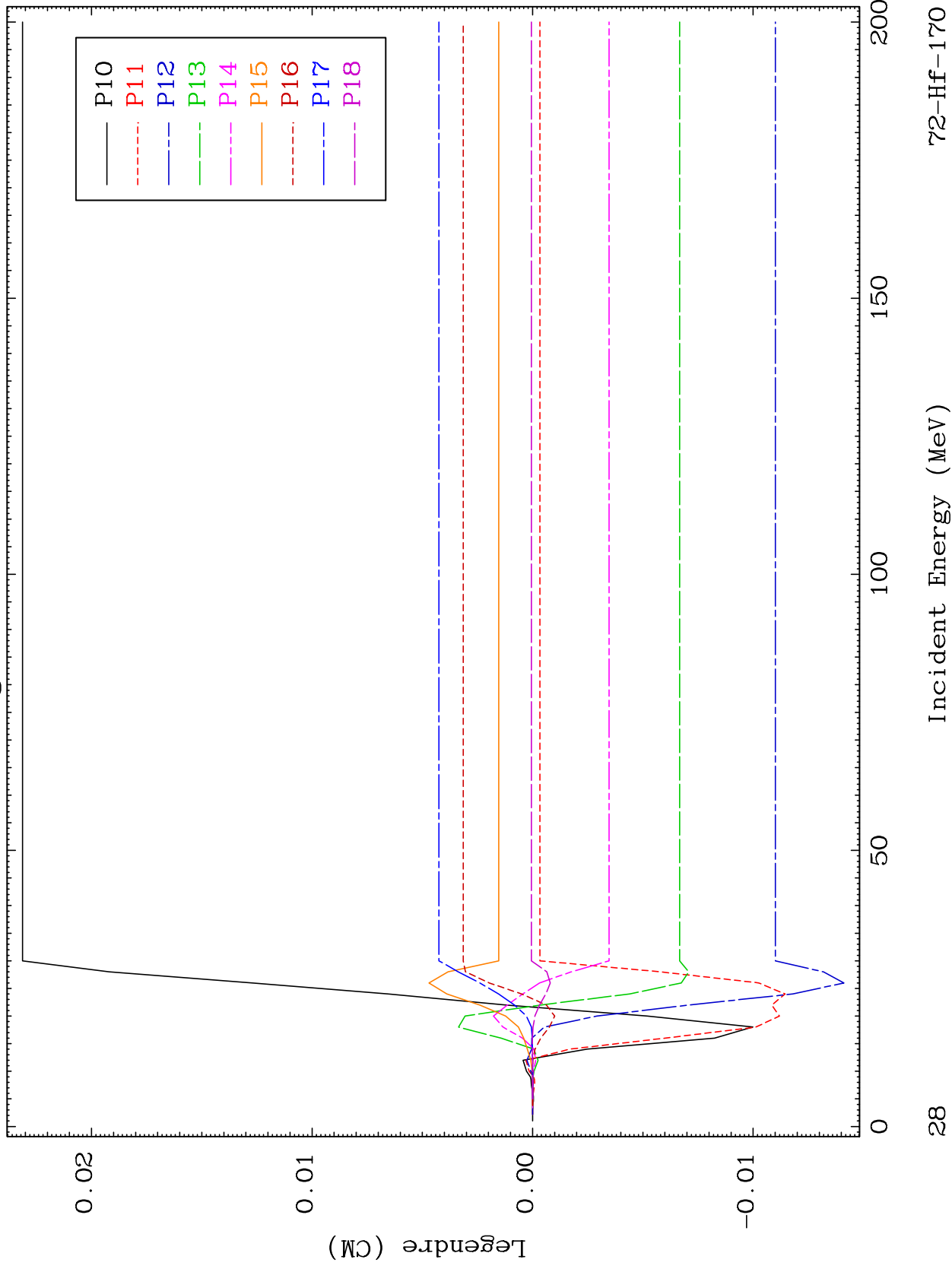
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

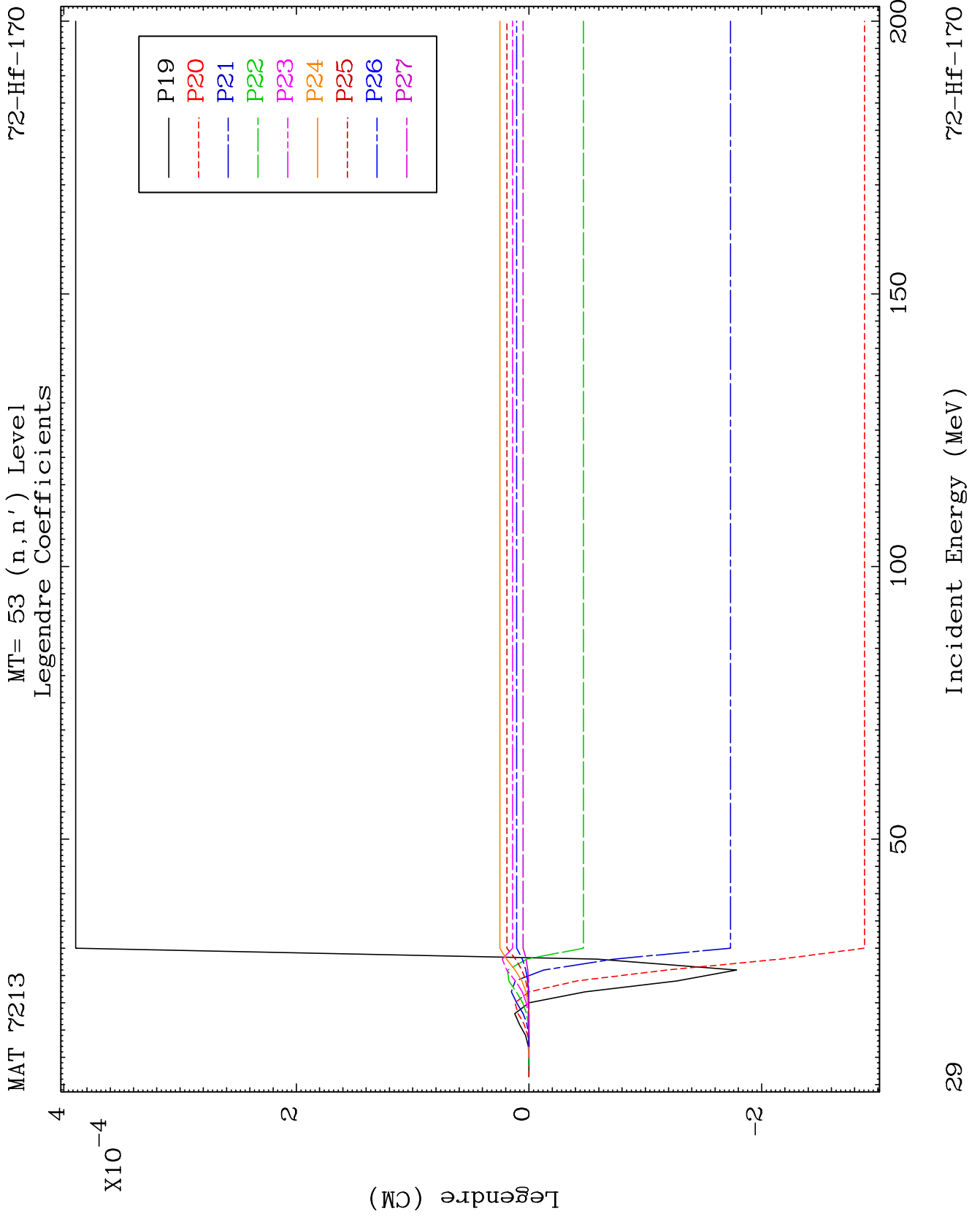
72-Hf-170



72-Hf-170

Incident Energy (MeV)

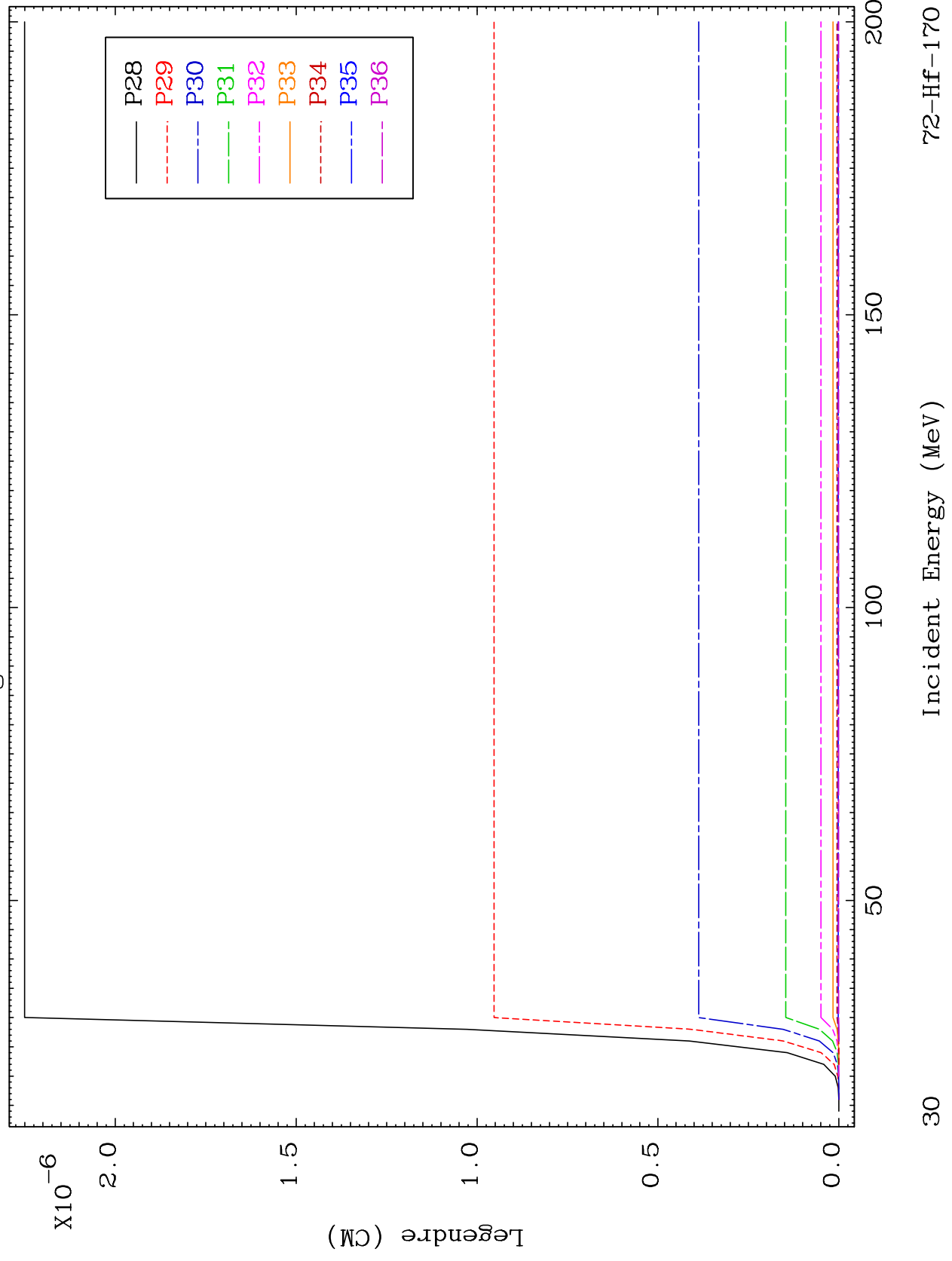
28



MAT 7213

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

72-Hf-170



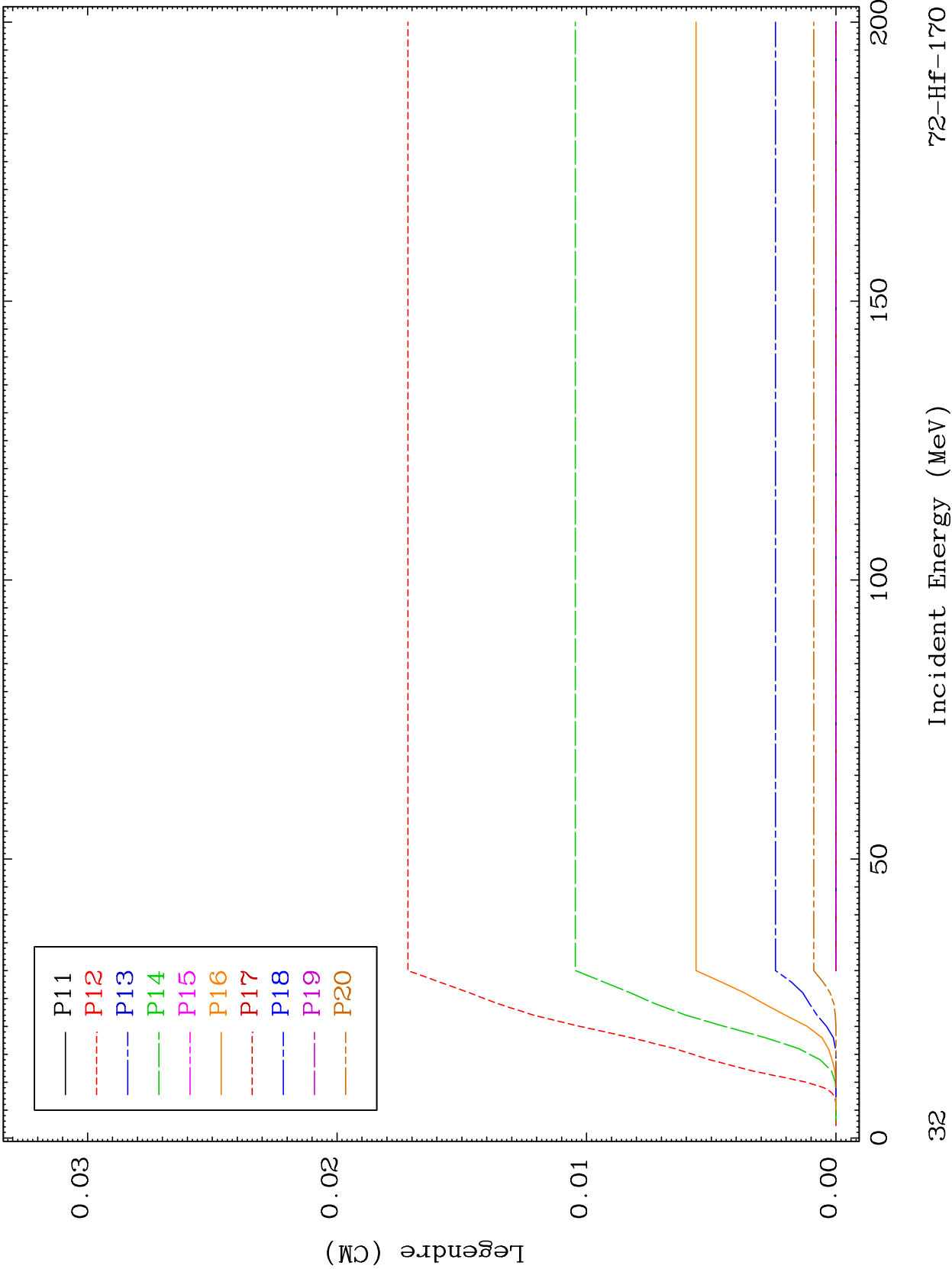




MAT 7213

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

72-Hf-170



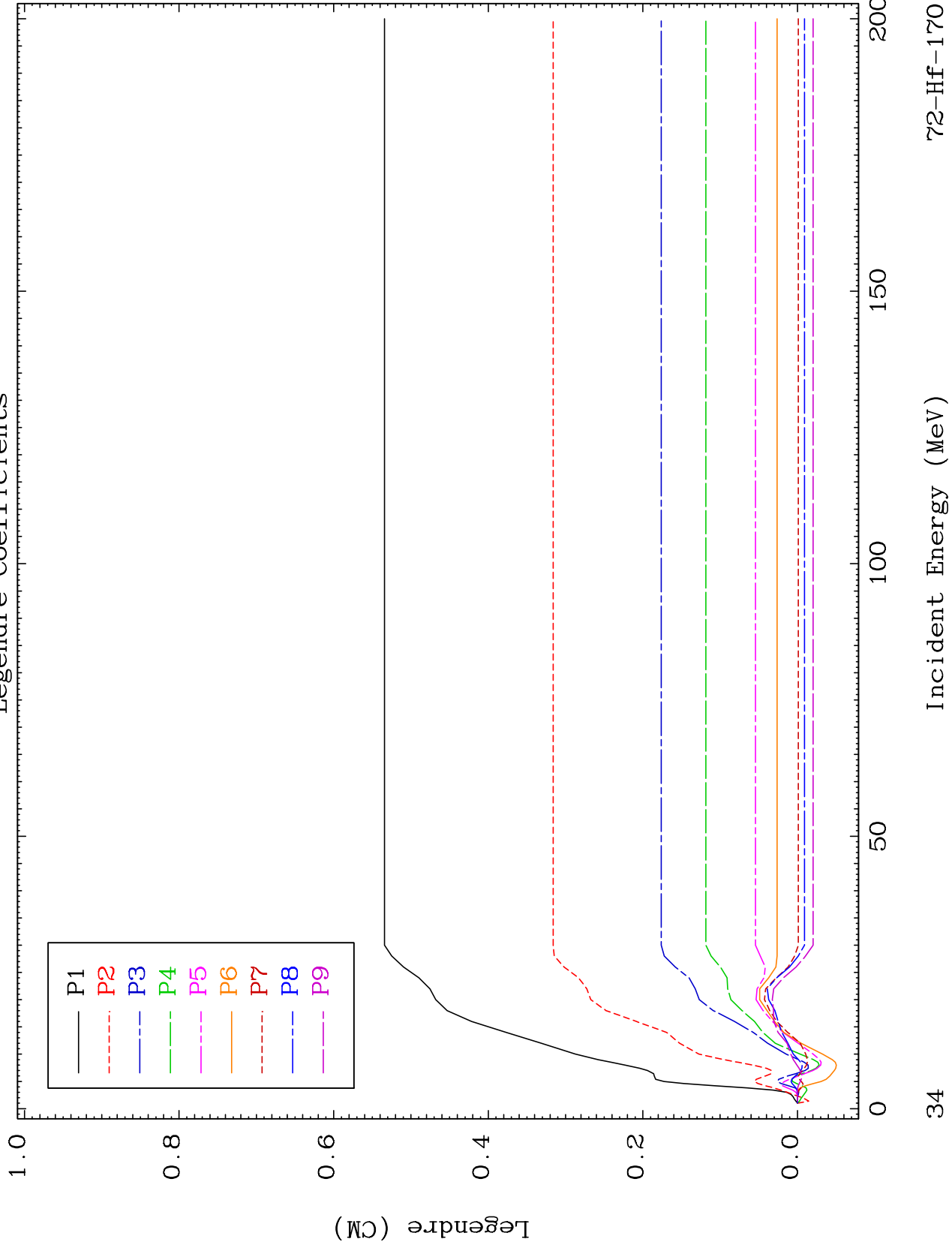
32



MAT 7213

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

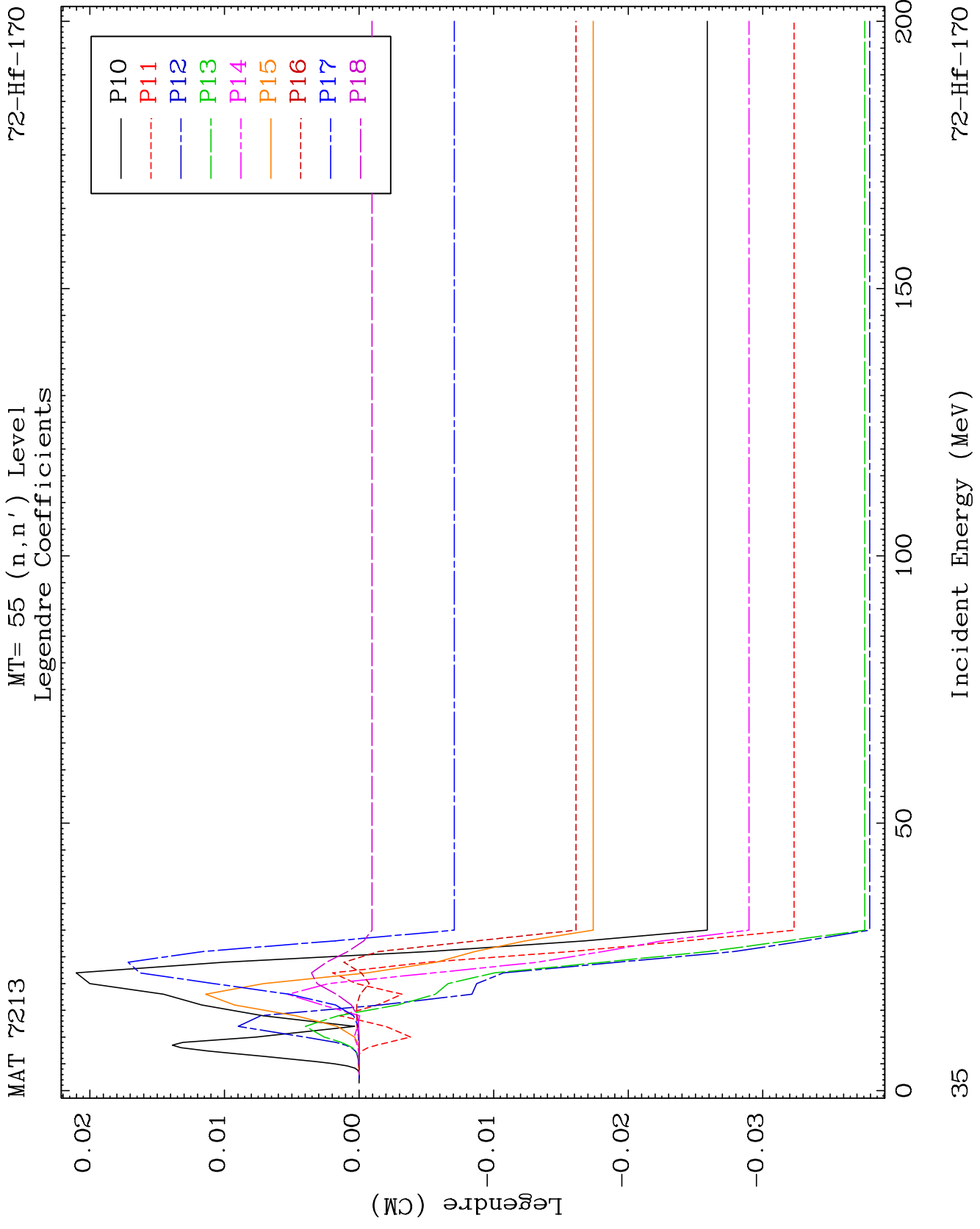
72-Hf-170



34

Incident Energy (MeV)

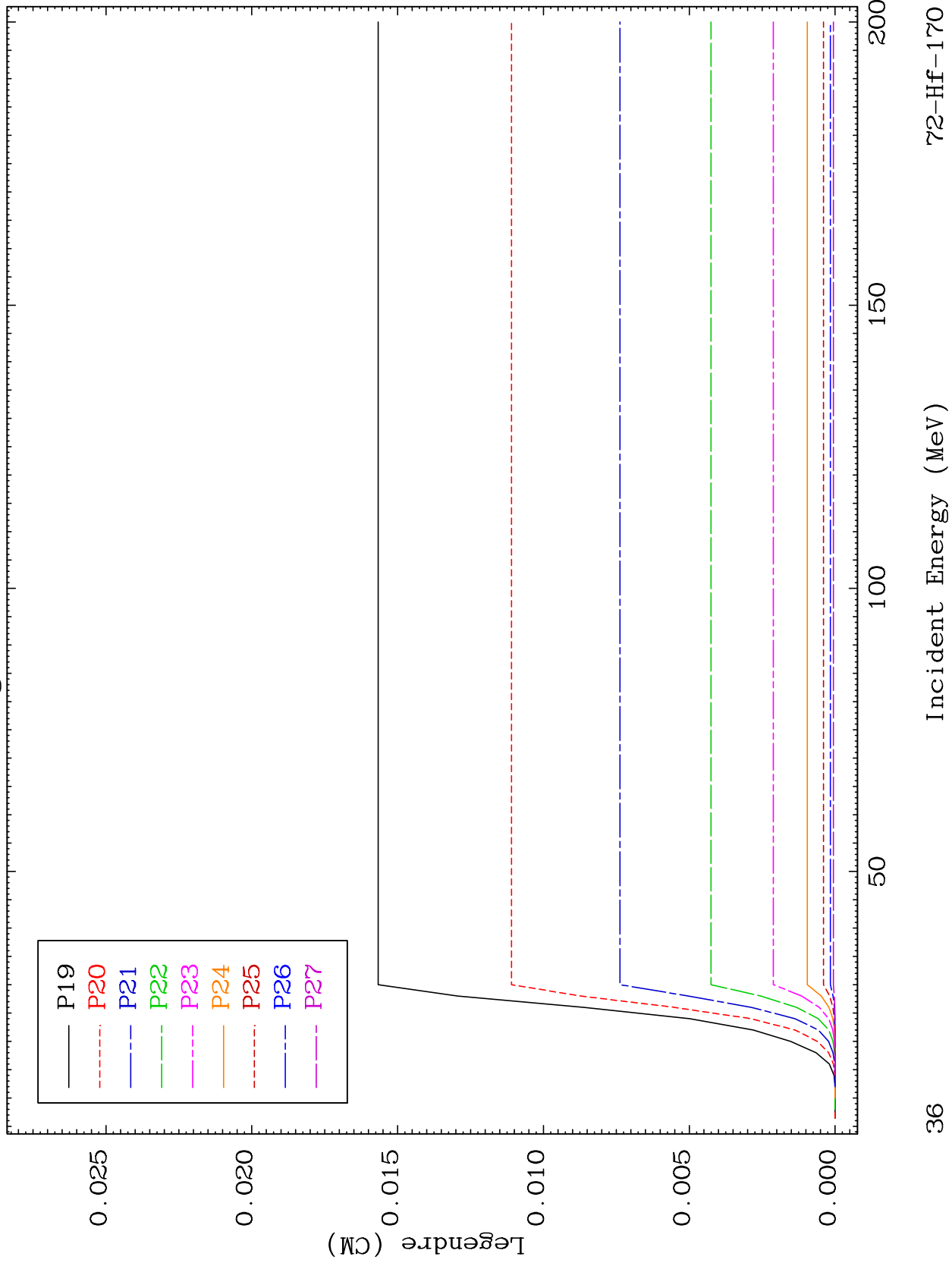
72-Hf-170



MAT 7213

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

72-Hf-170



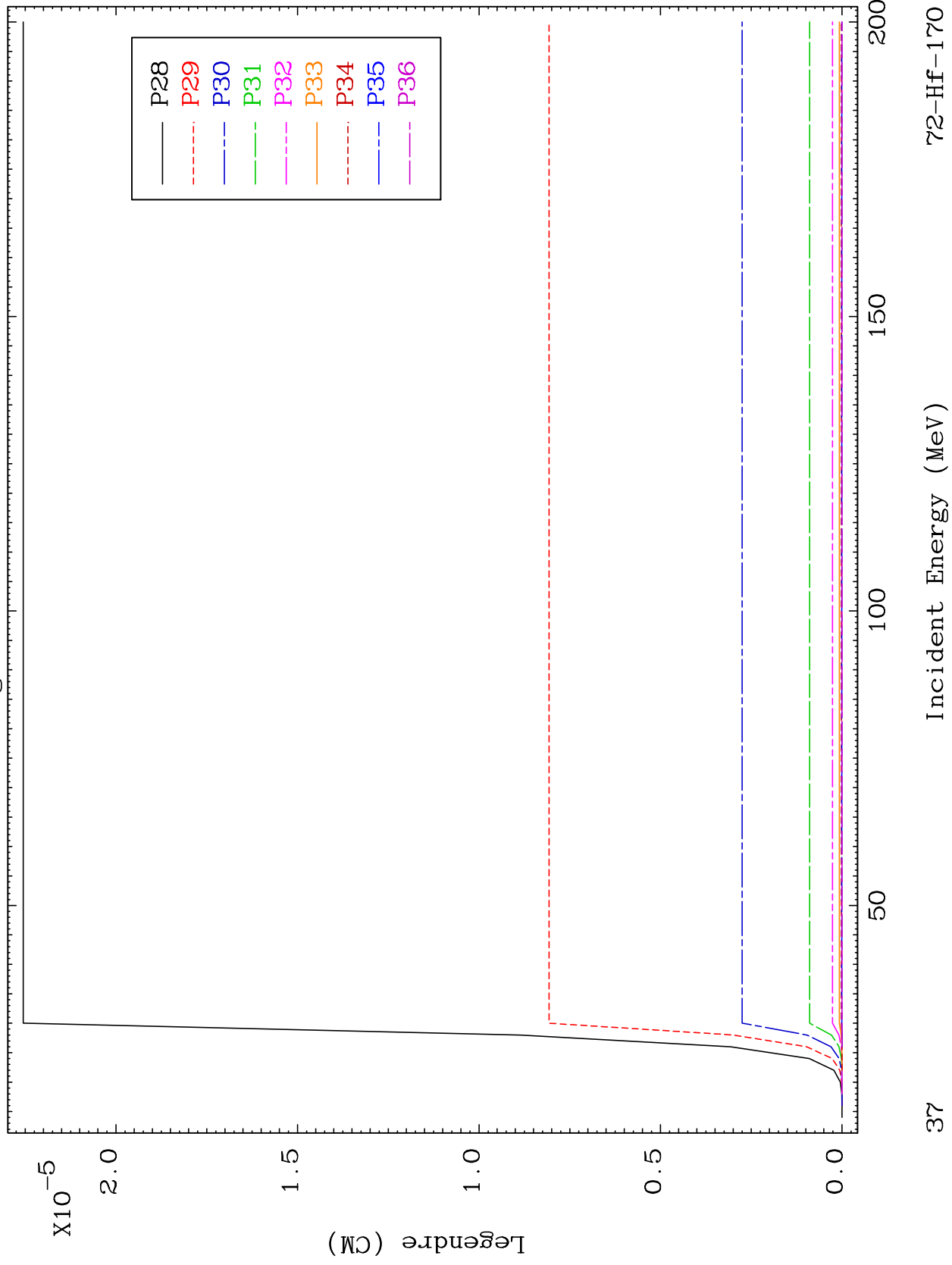
36

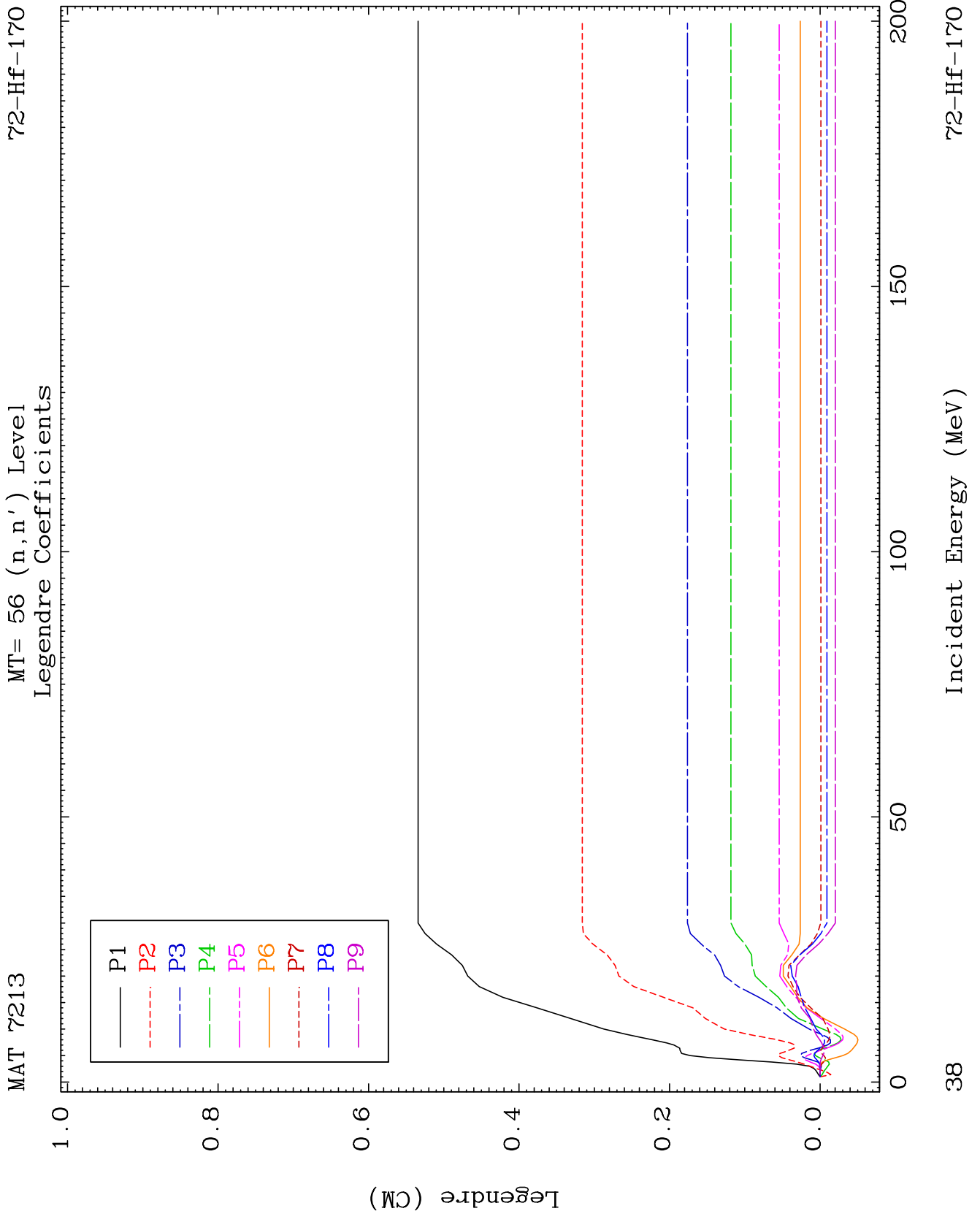
72-Hf-170

MAT 7213

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

72-Hf-170

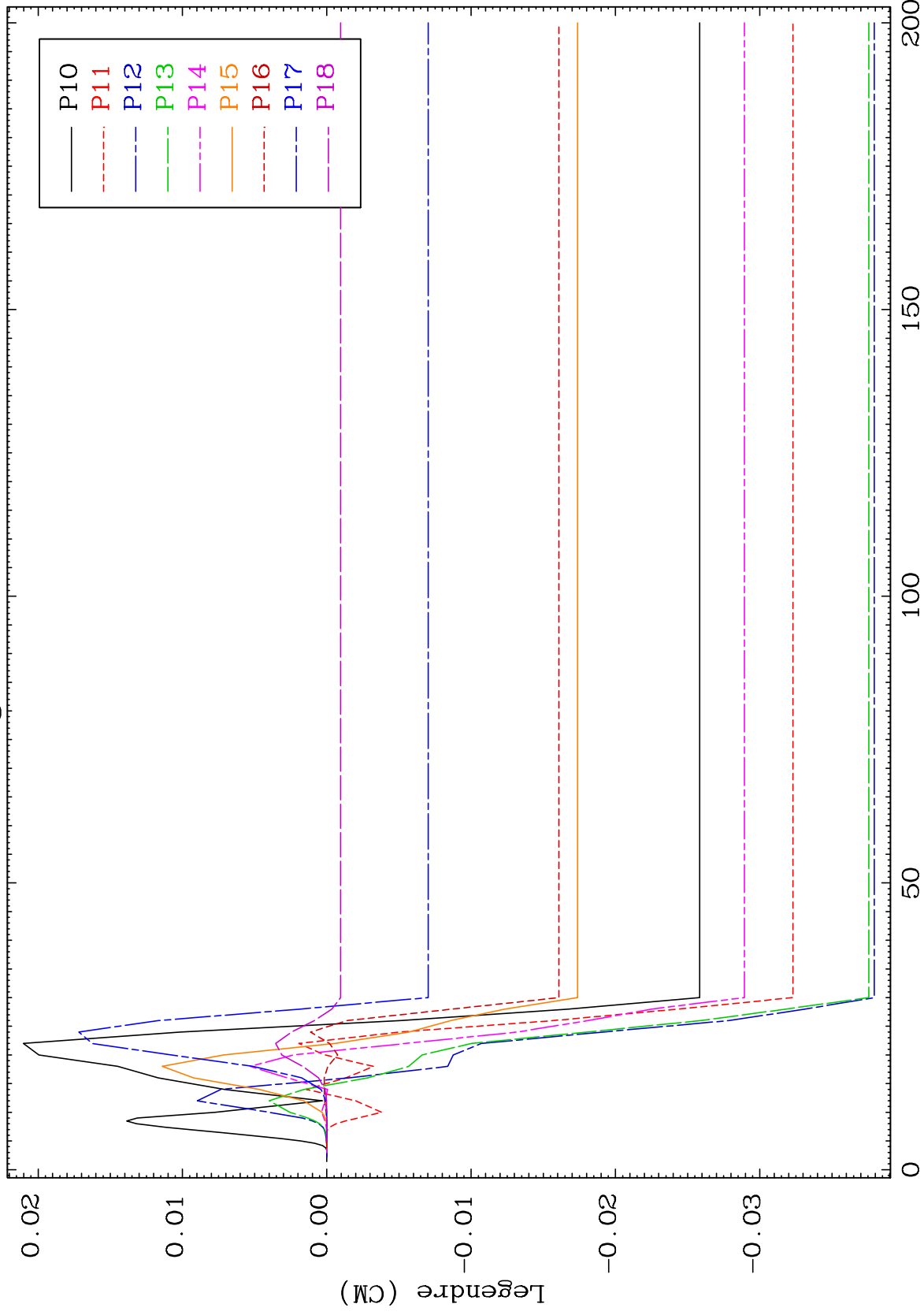




MAT 7213

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

72-Hf-170



39

Incident Energy (MeV)

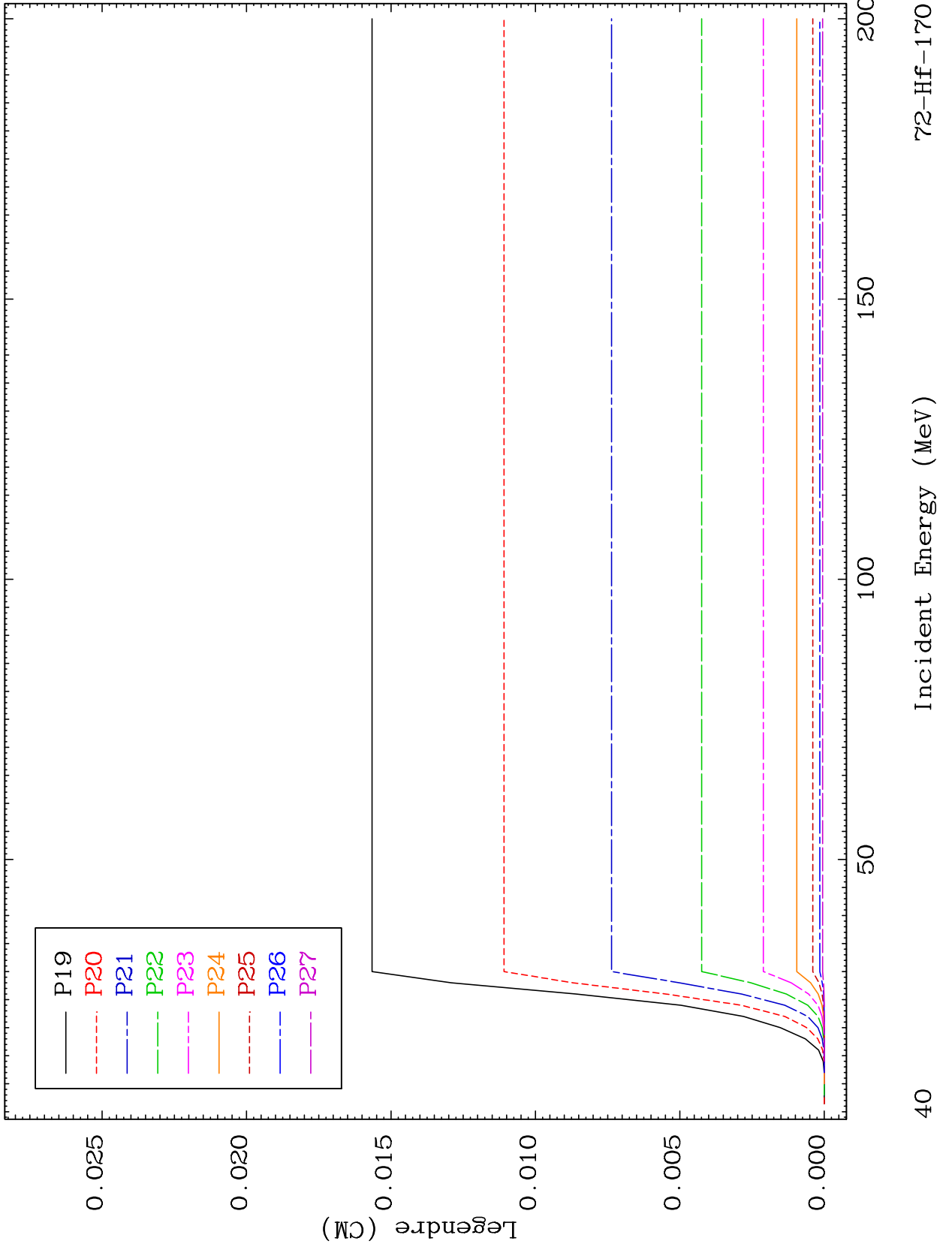
72-Hf-170



MAT 7213

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

72-Hf-170



40

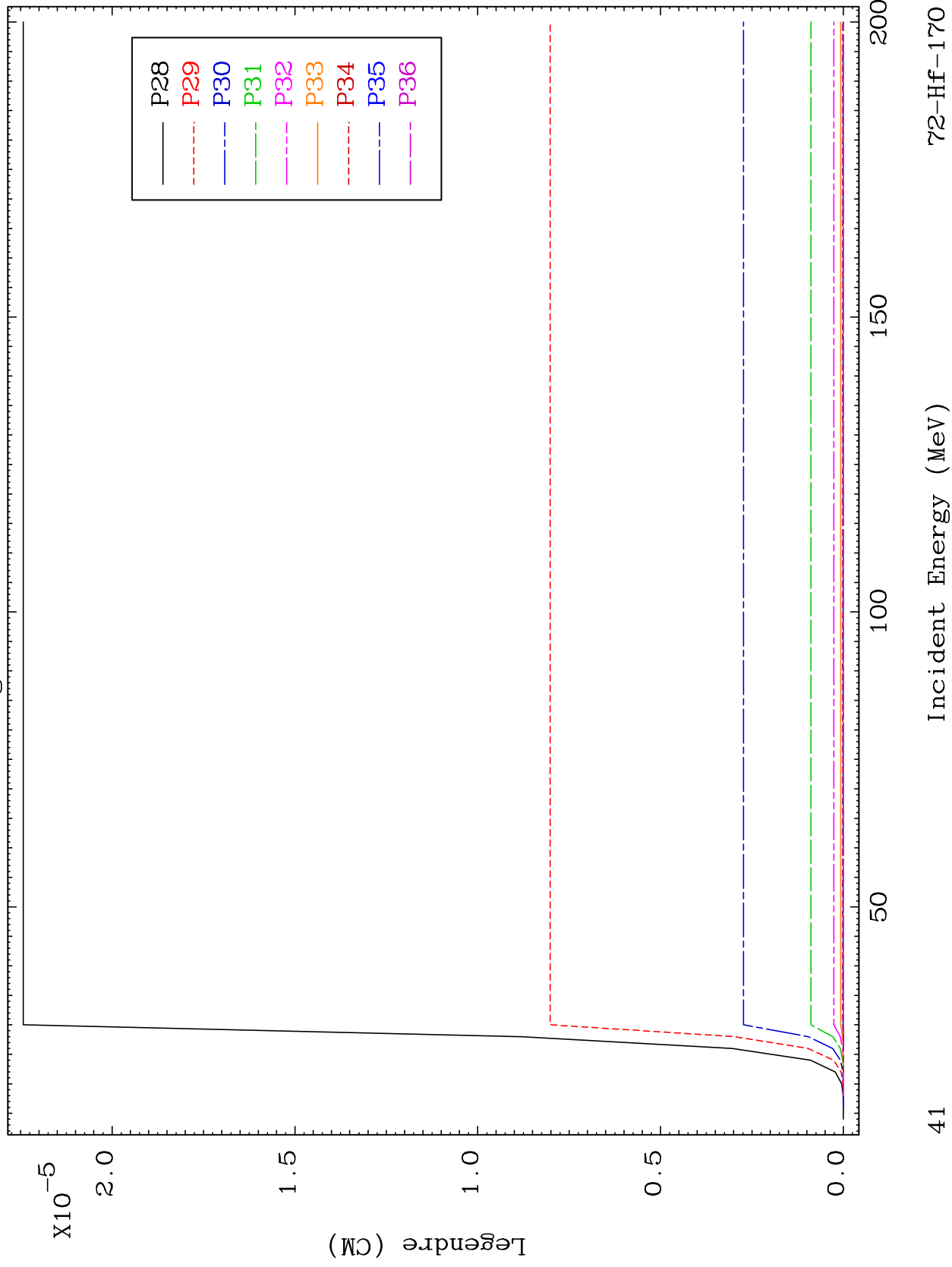
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

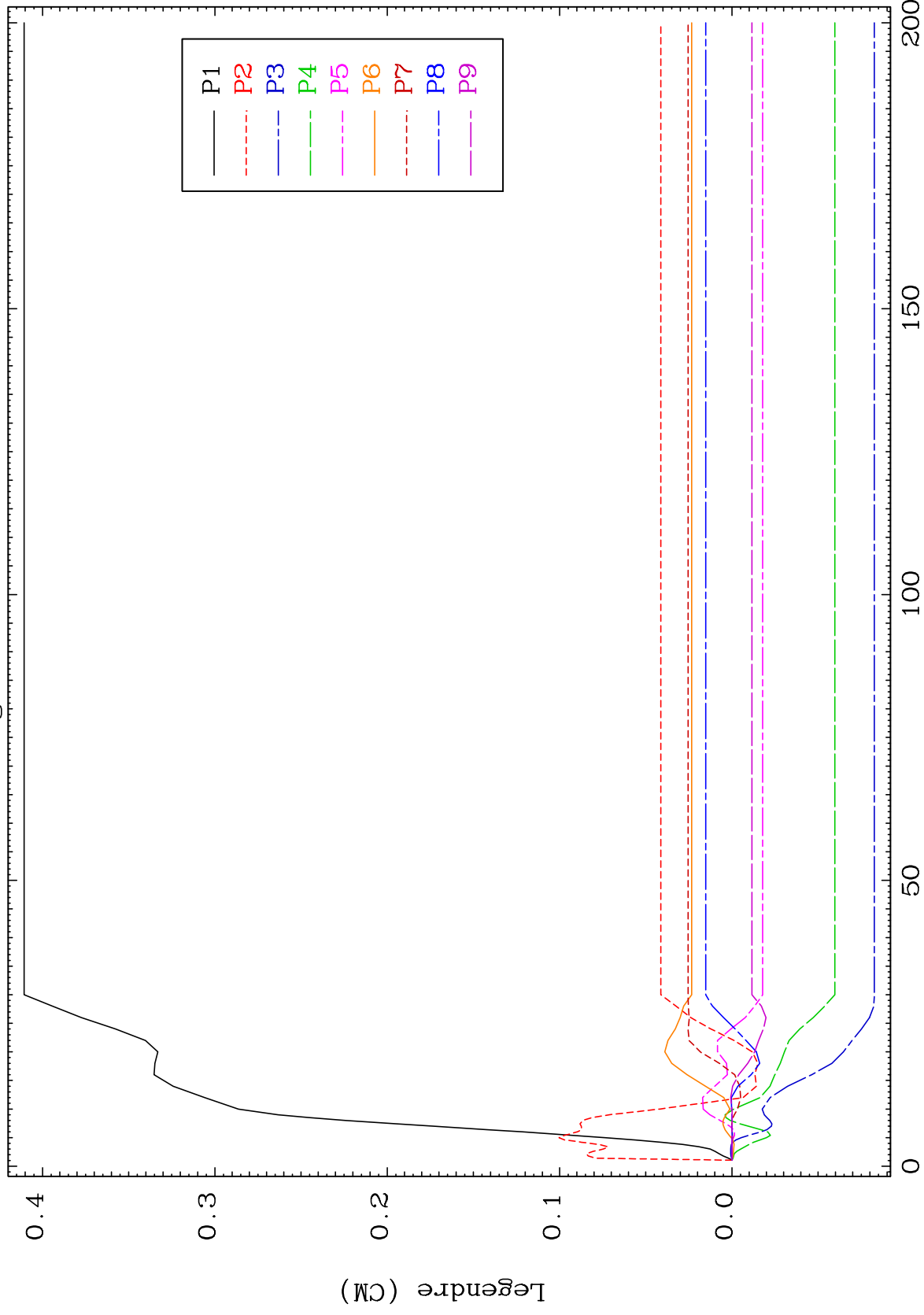
72-Hf-170



MAT 7213

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

72-Hf-170



42

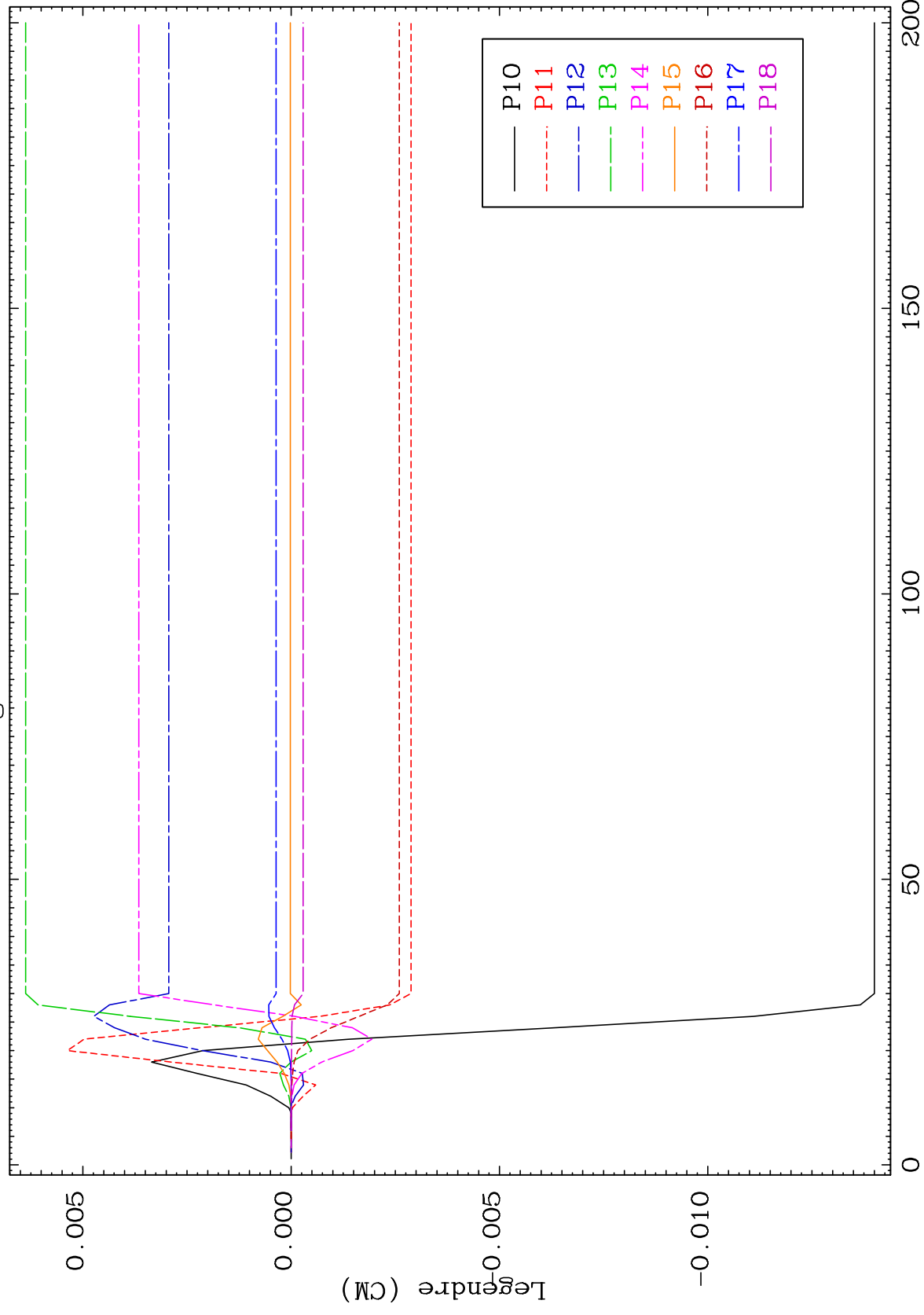
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



43

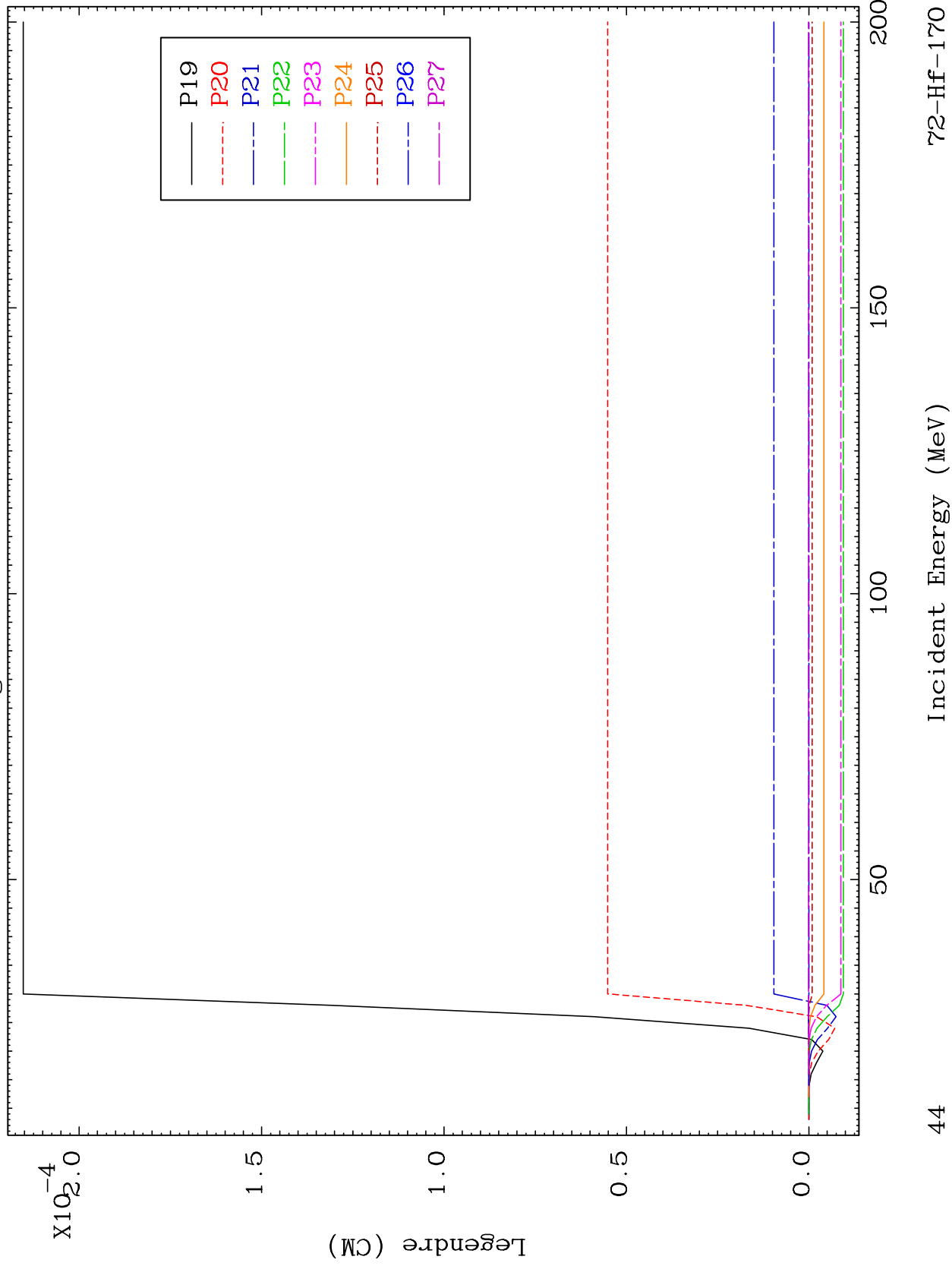
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

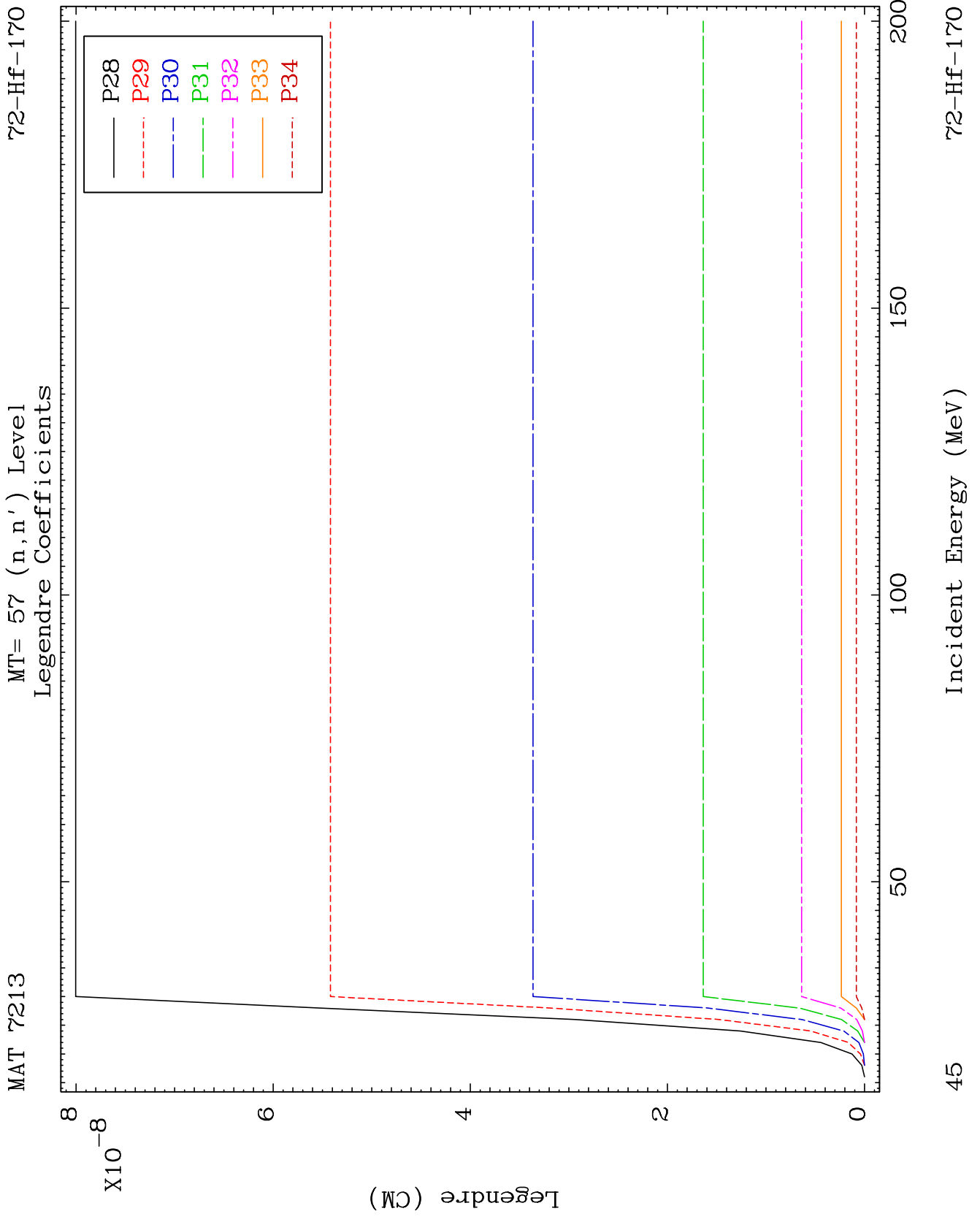
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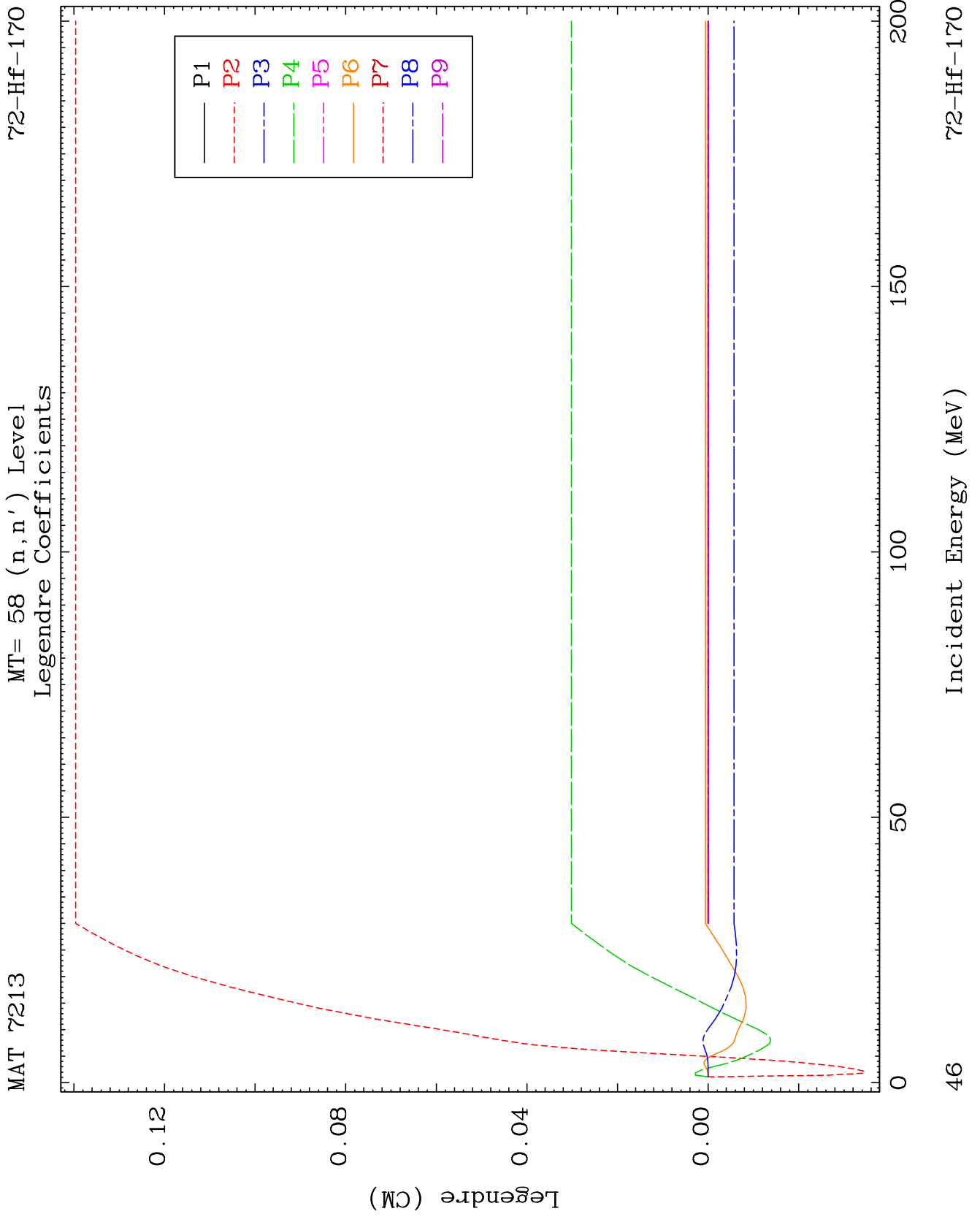


44

Incident Energy (MeV)

72-Hf-170

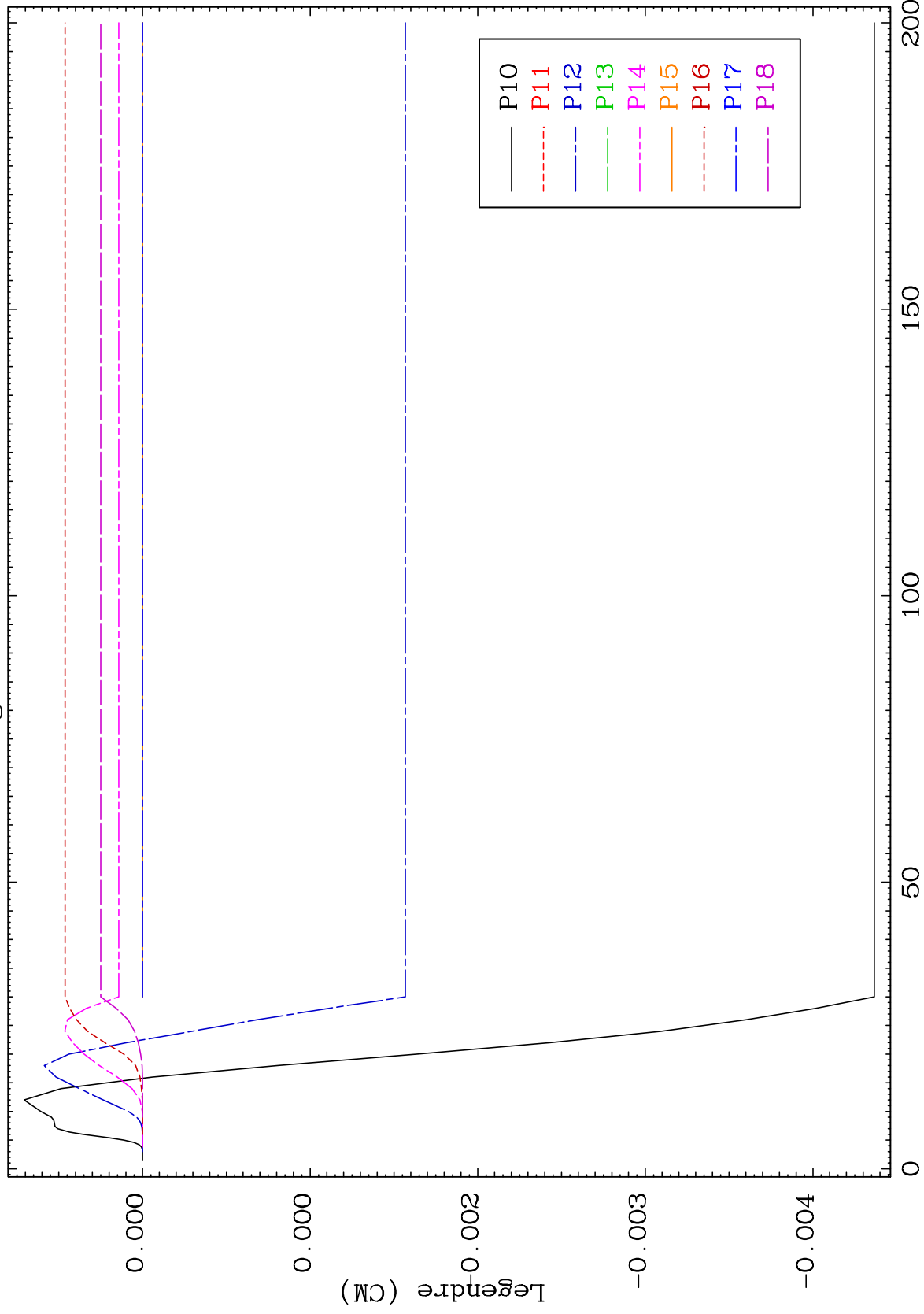




MAT 7213

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

72-Hf-170



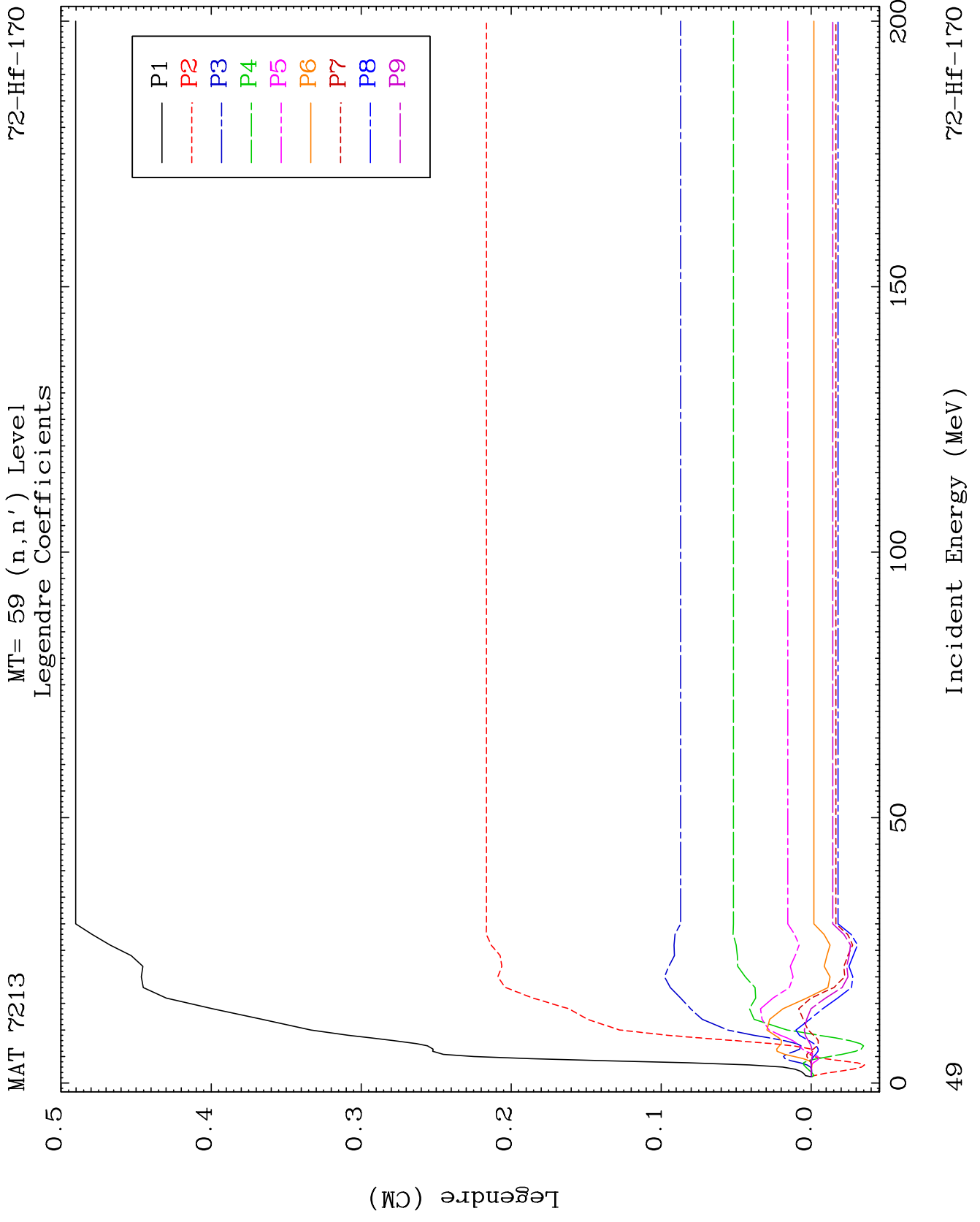
47

Incident Energy (MeV)

72-Hf-170



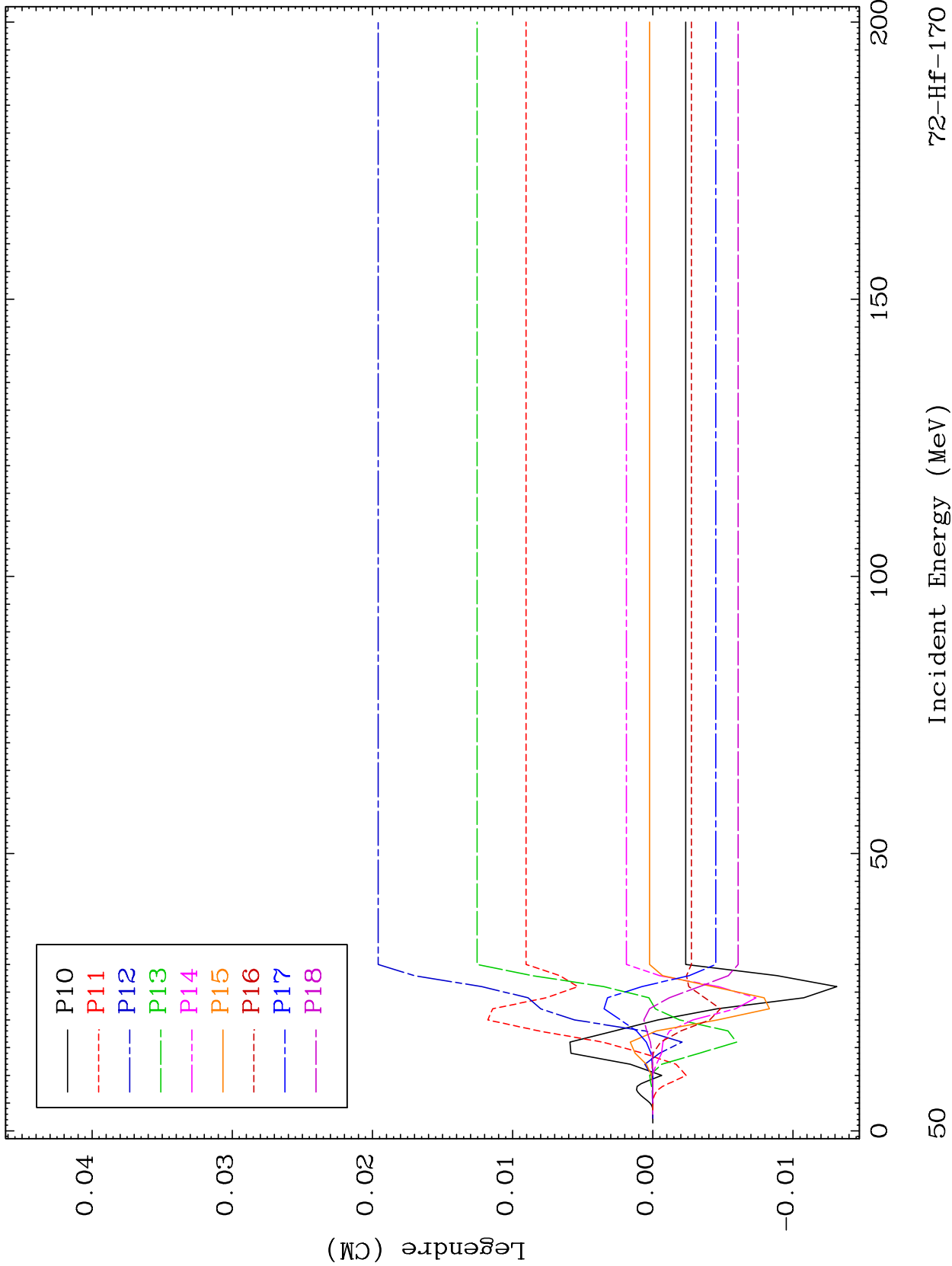




MAT 7213

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

72-Hf-170



72-Hf-170

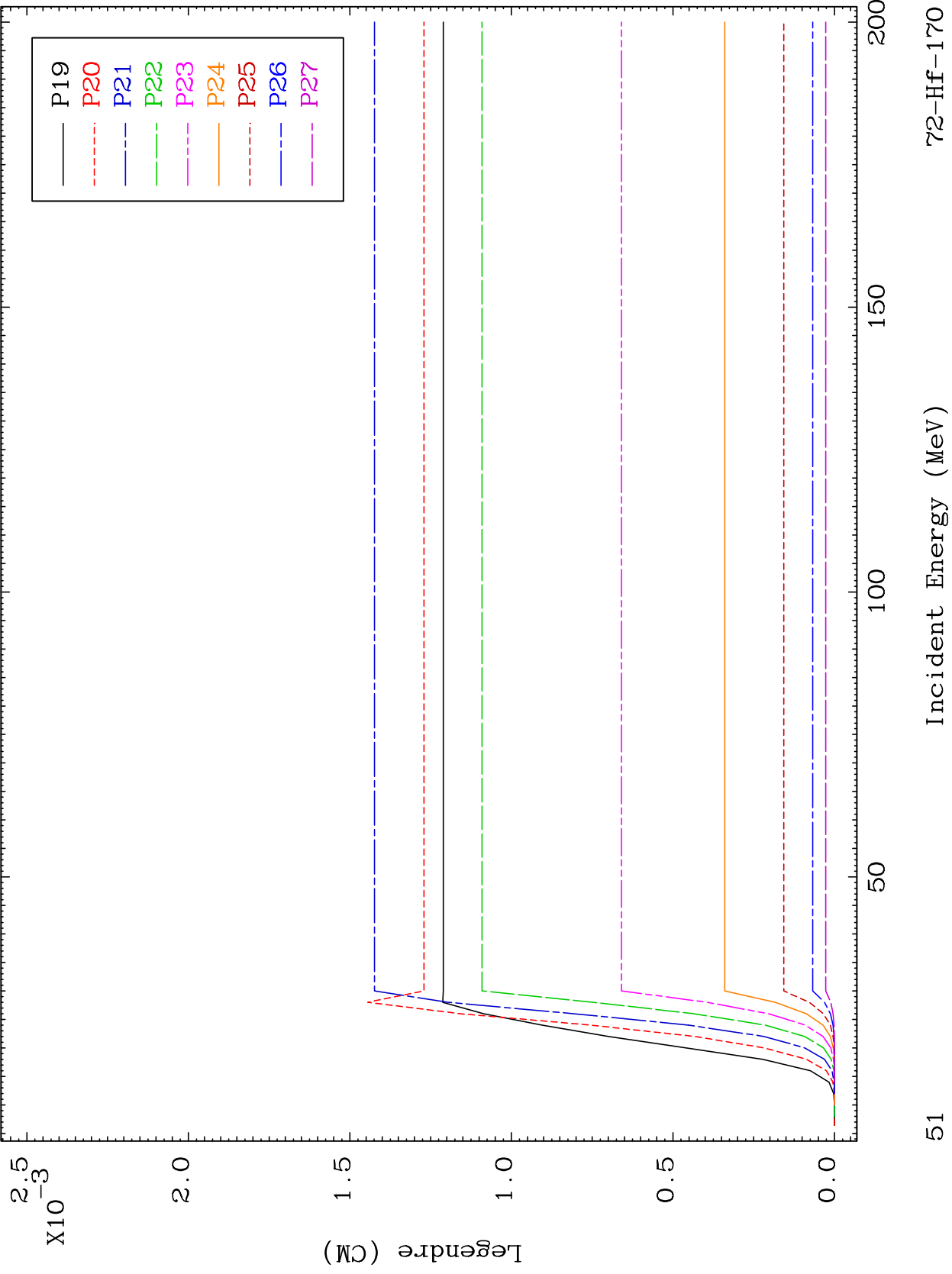
Incident Energy (MeV)

50

MAT 7213

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

72-Hf-170



51

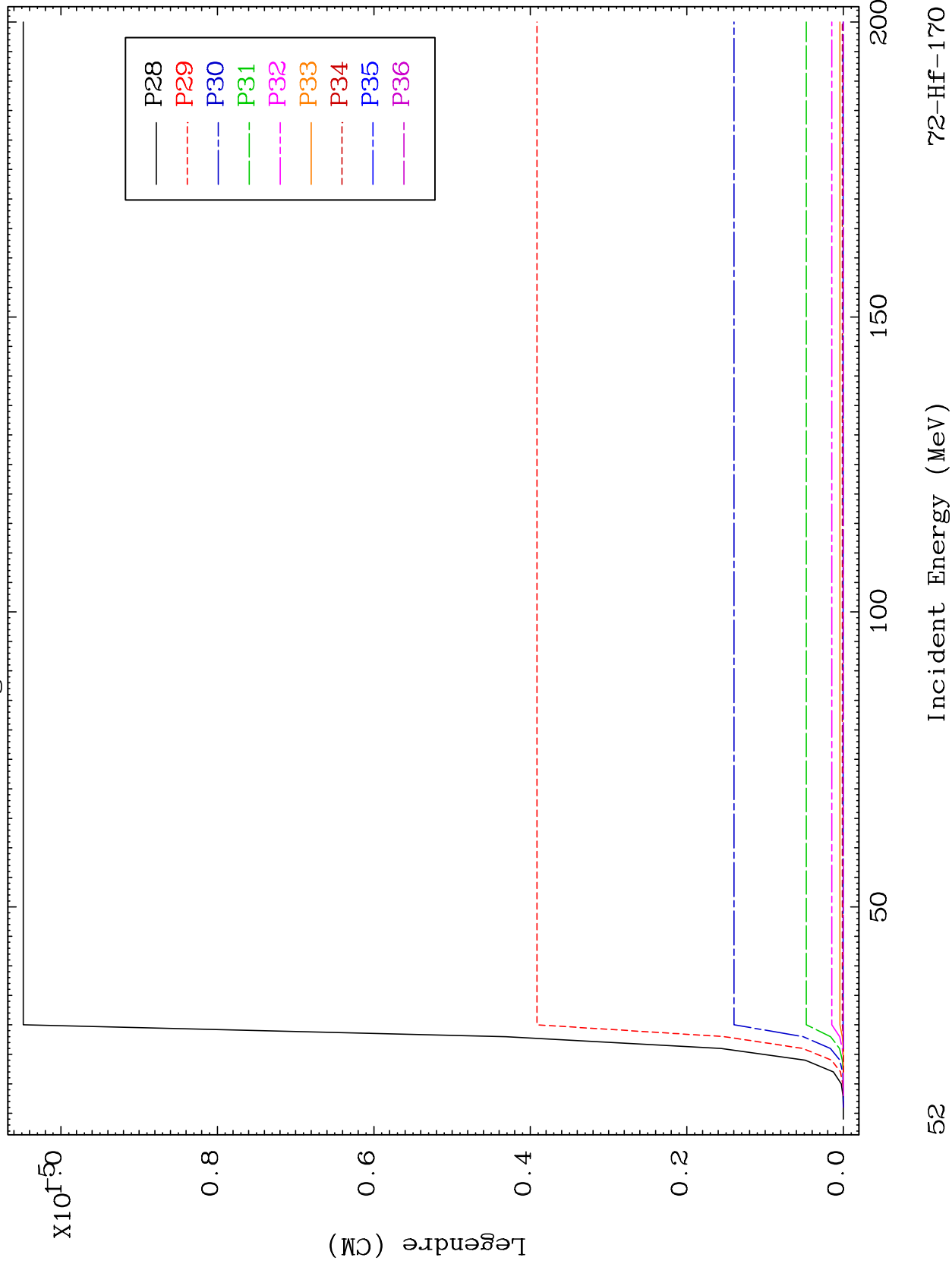
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



52

Incident Energy (MeV)

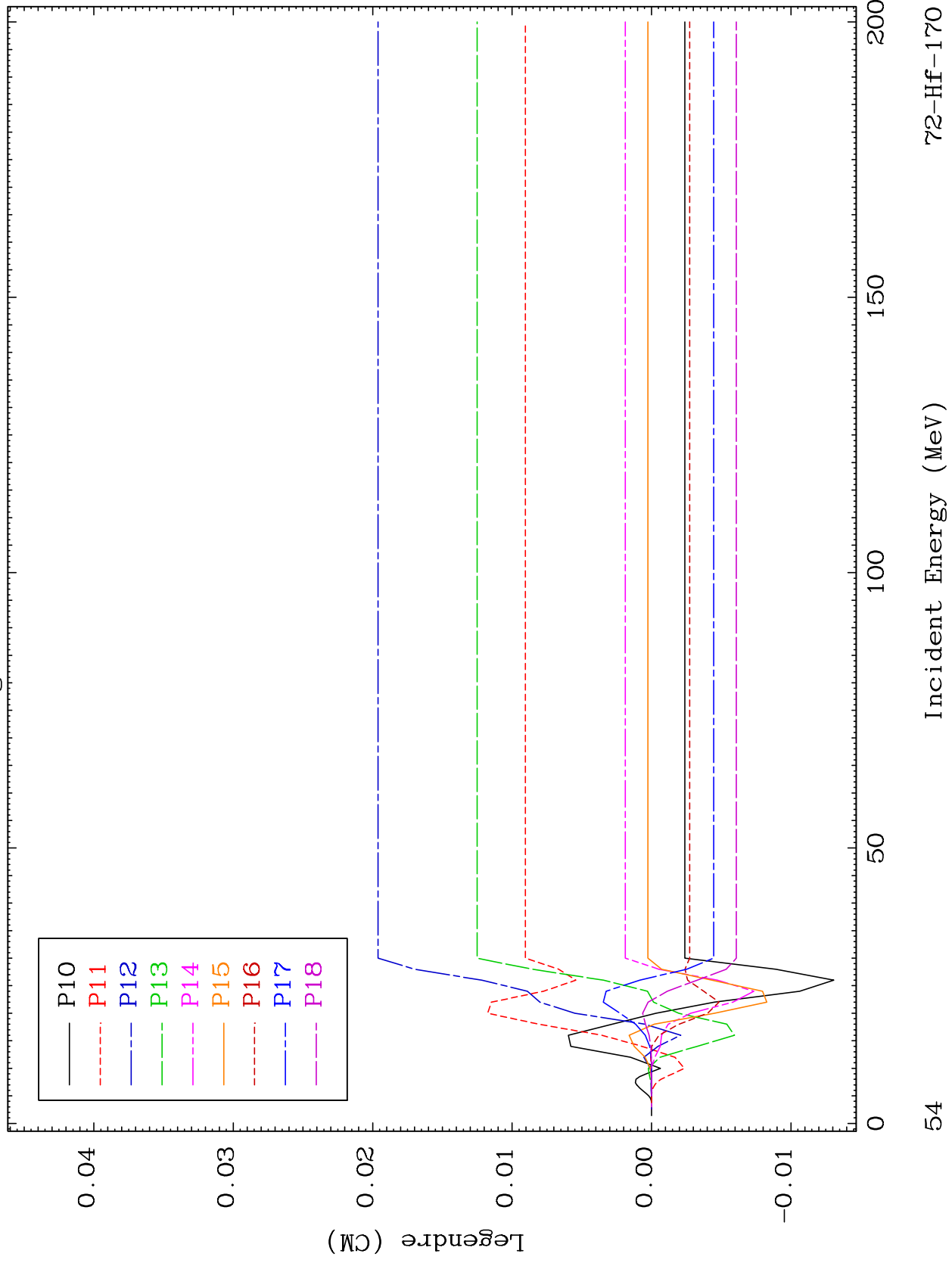
72-Hf-170



MAT 7213

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

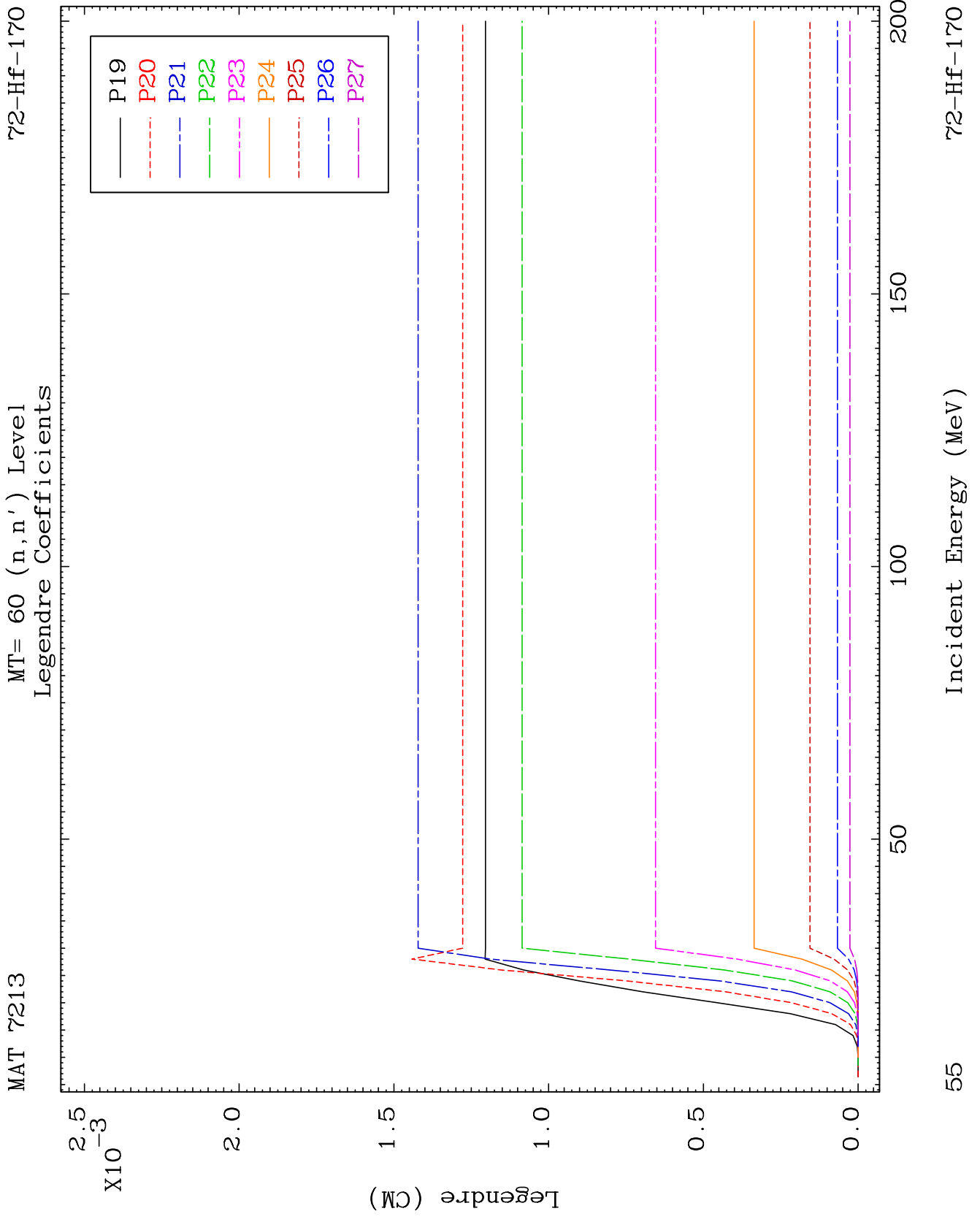
72-Hf-170



54

Incident Energy (MeV)

72-Hf-170

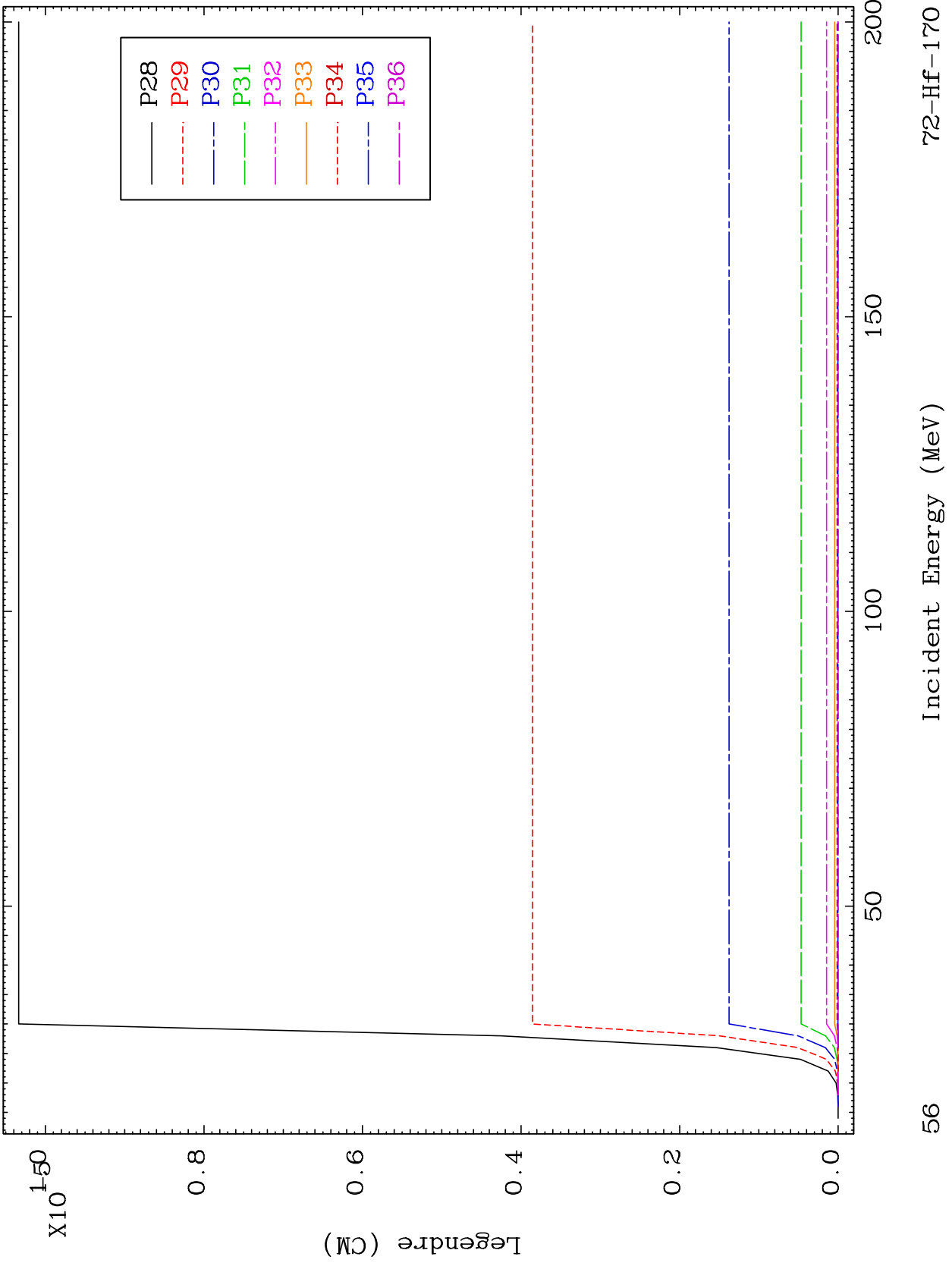




MAT 7213

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

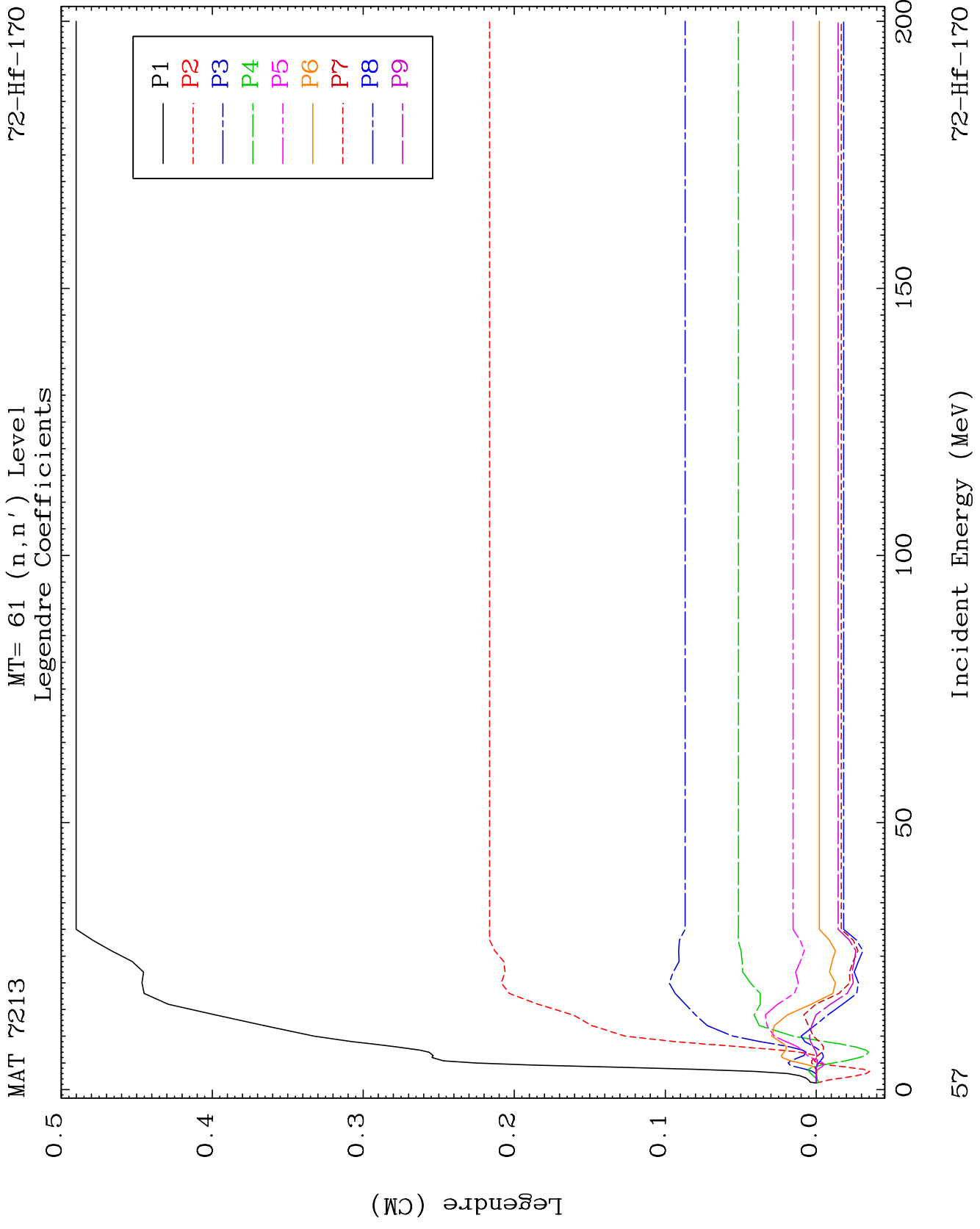
72-Hf-170



56

Incident Energy (MeV)

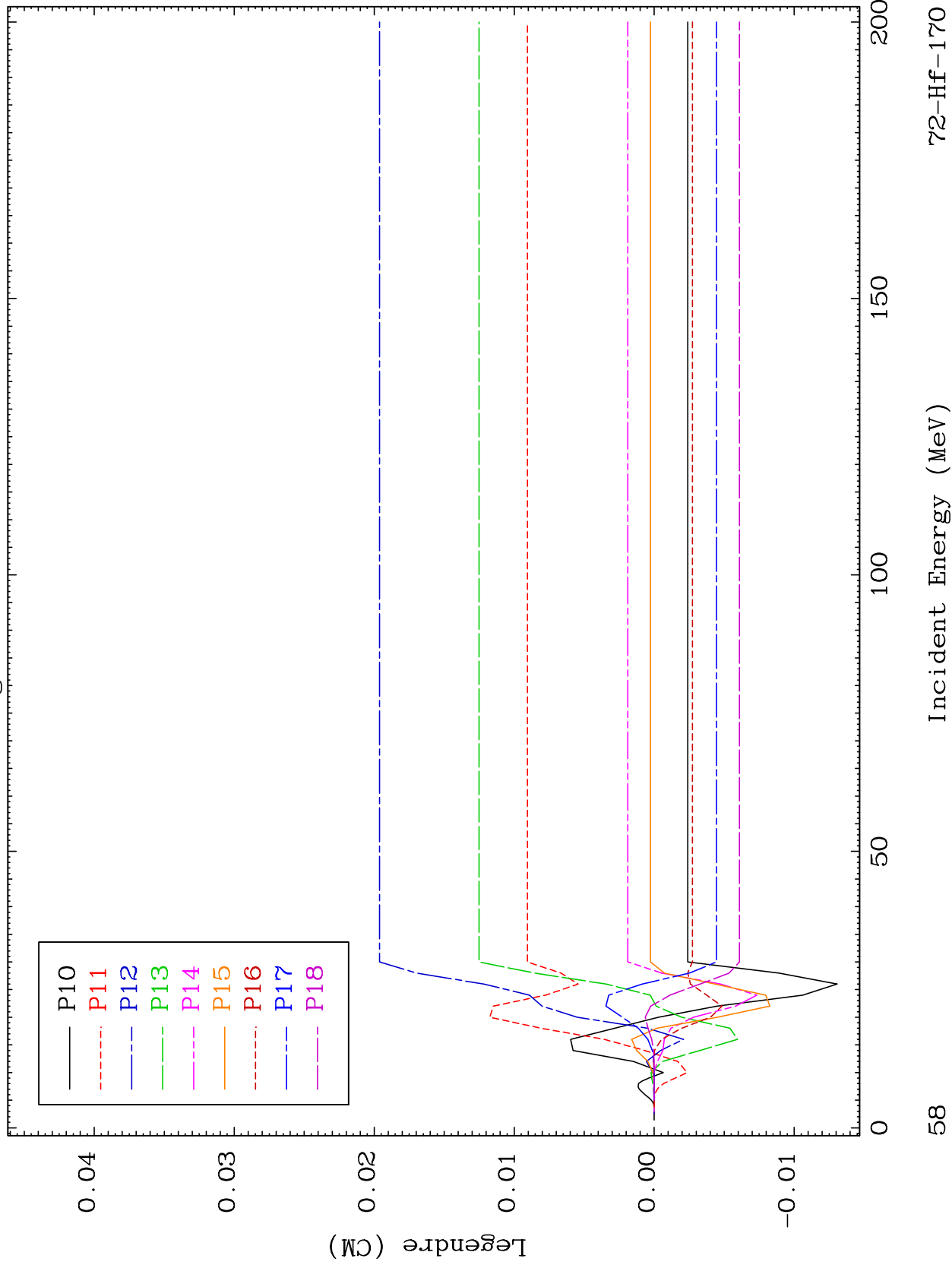
72-Hf-170



MAT 7213

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

72-Hf-170



72-Hf-170

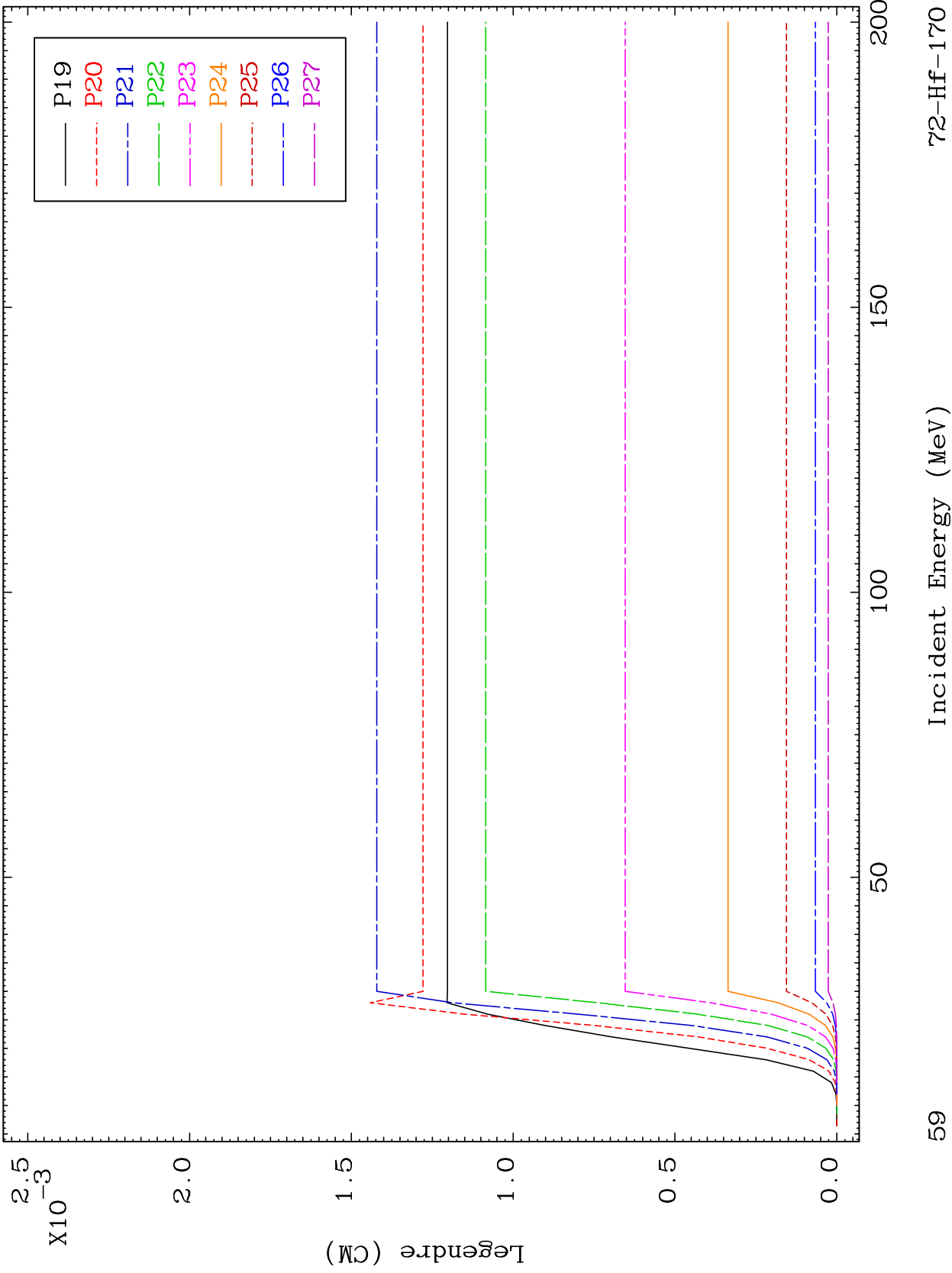
Incident Energy (MeV)

58

MAT 7213

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

72-Hf-170



59

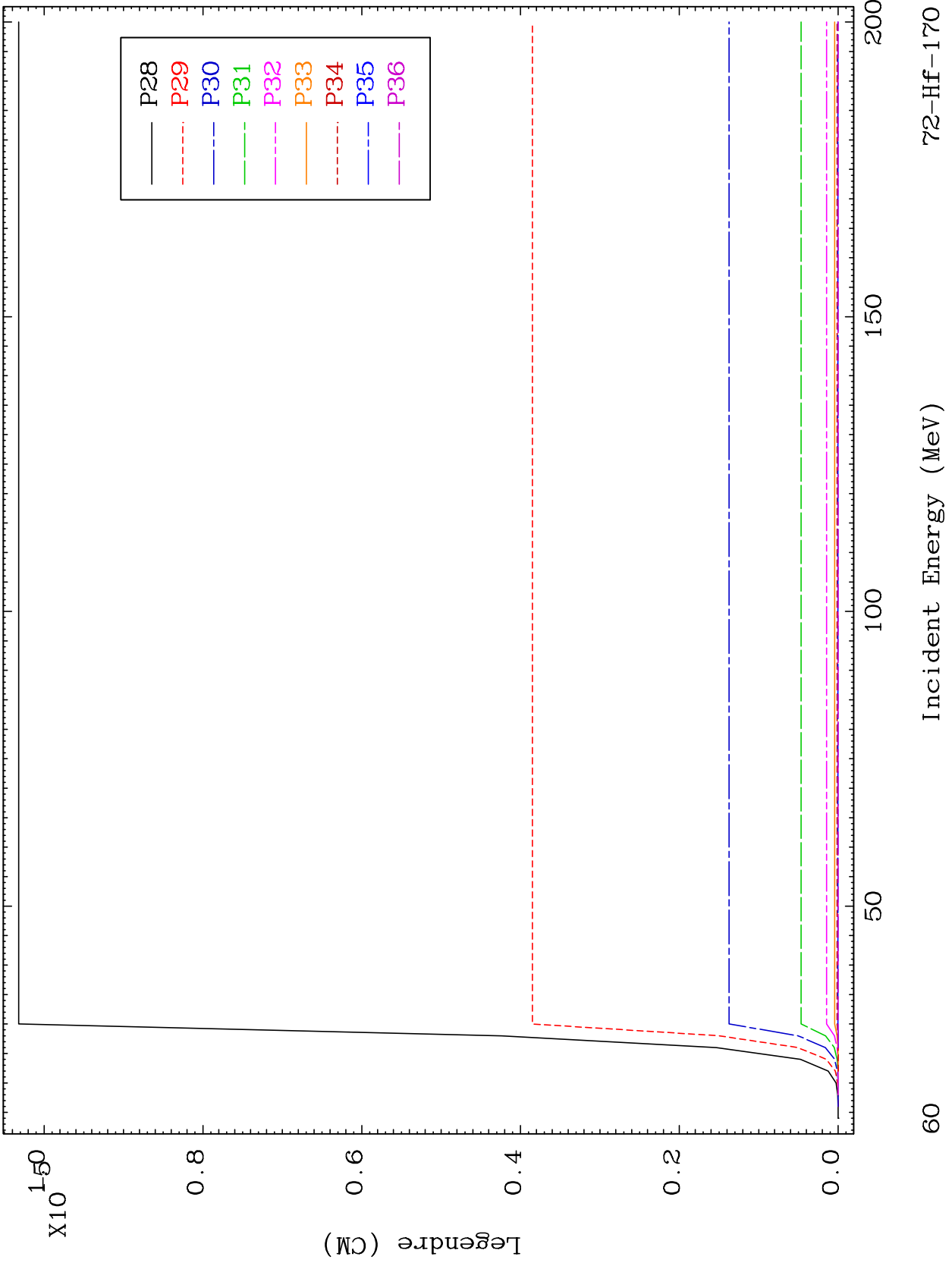
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170

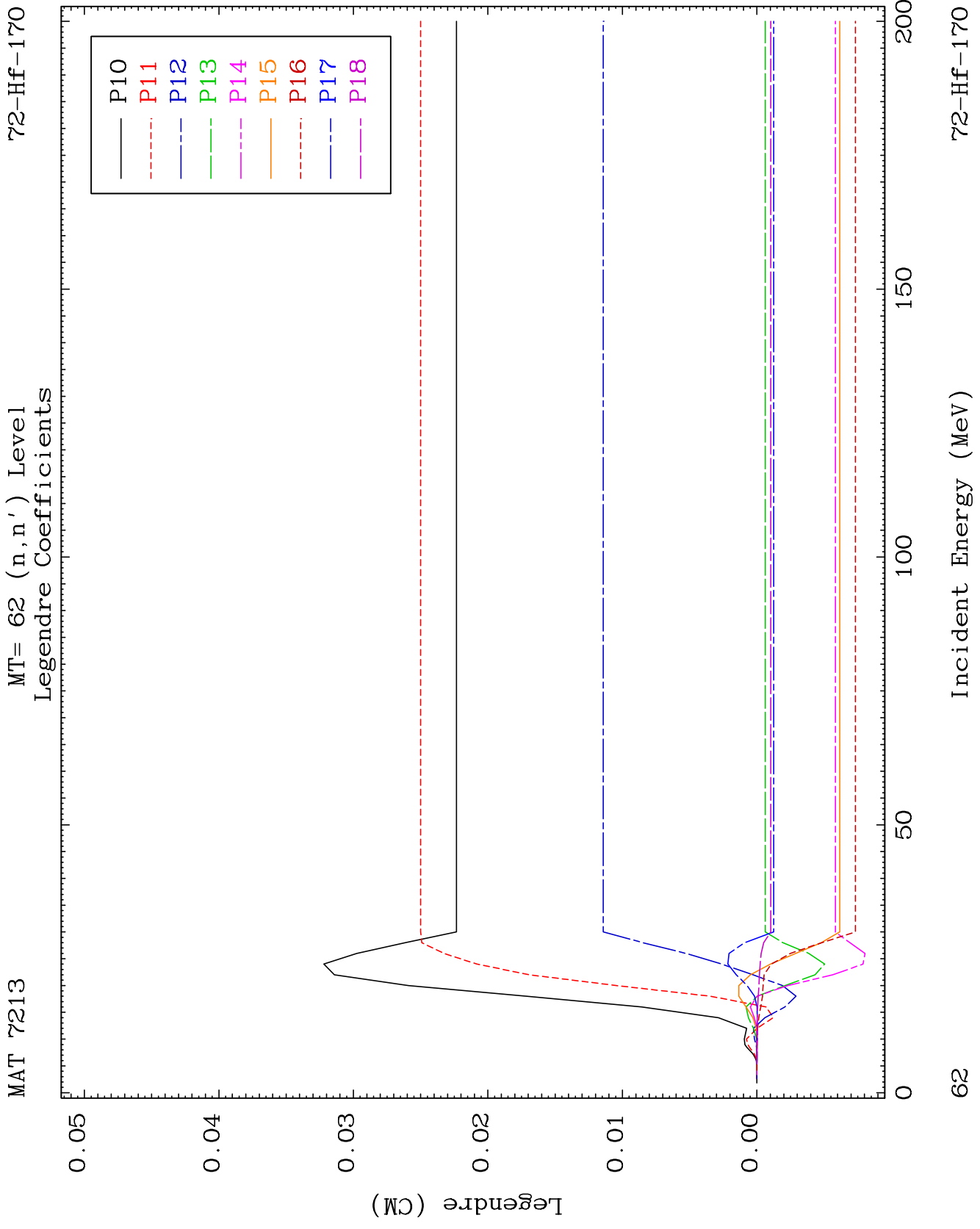


60

Incident Energy (MeV)

72-Hf-170

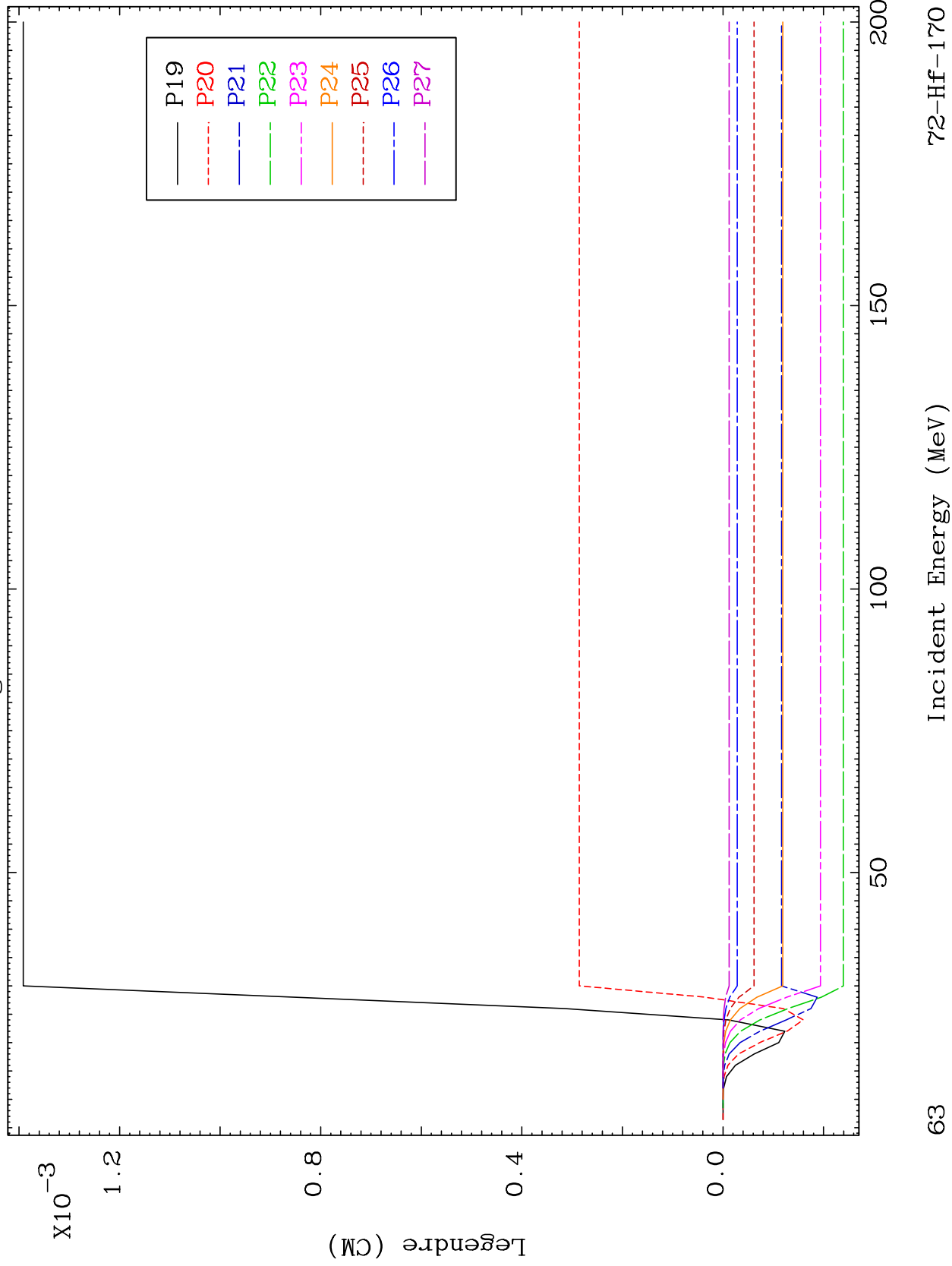




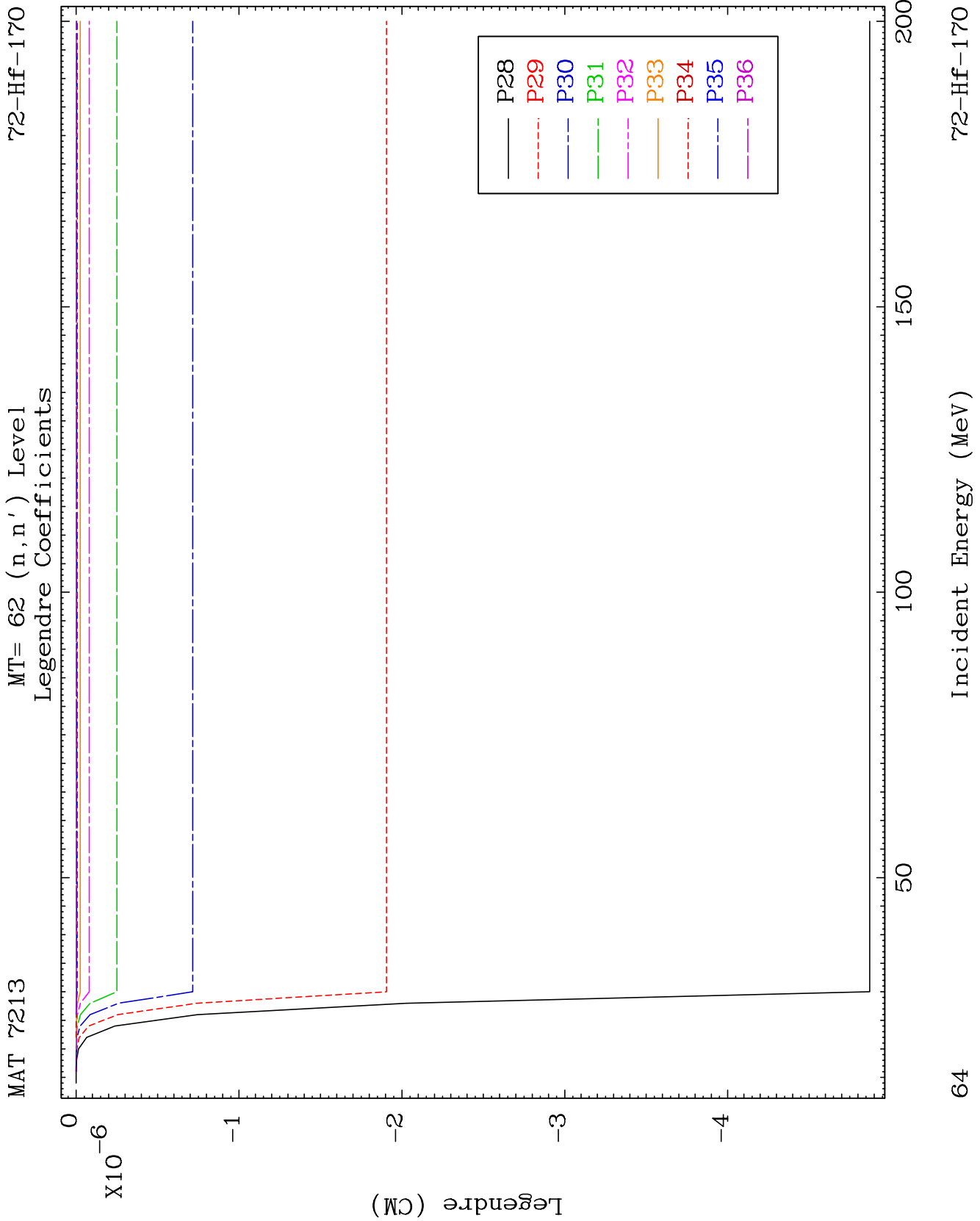
MAT 7213

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

72-Hf-170



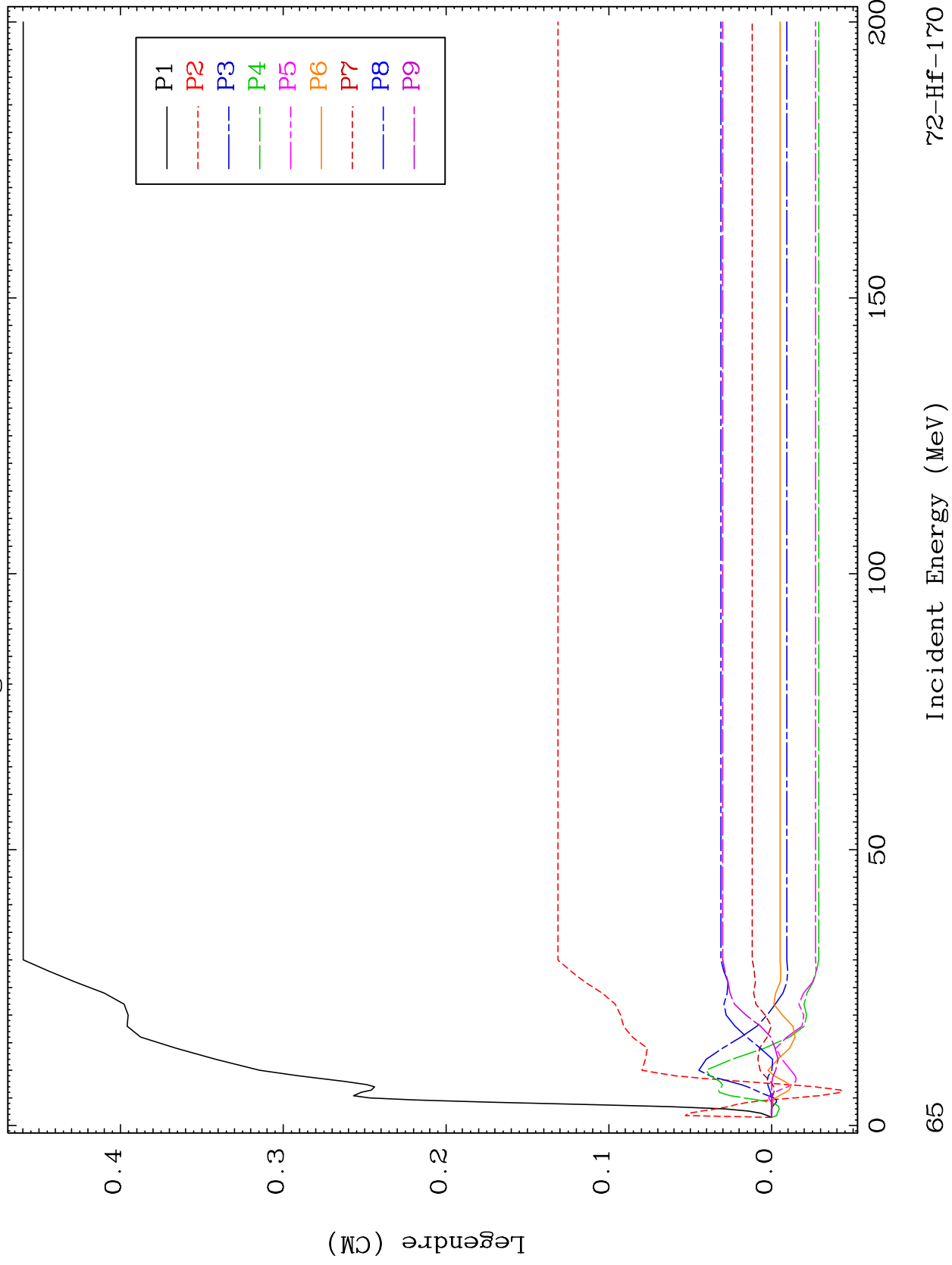




MAT 7213

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

72-Hf-170



72-Hf-170

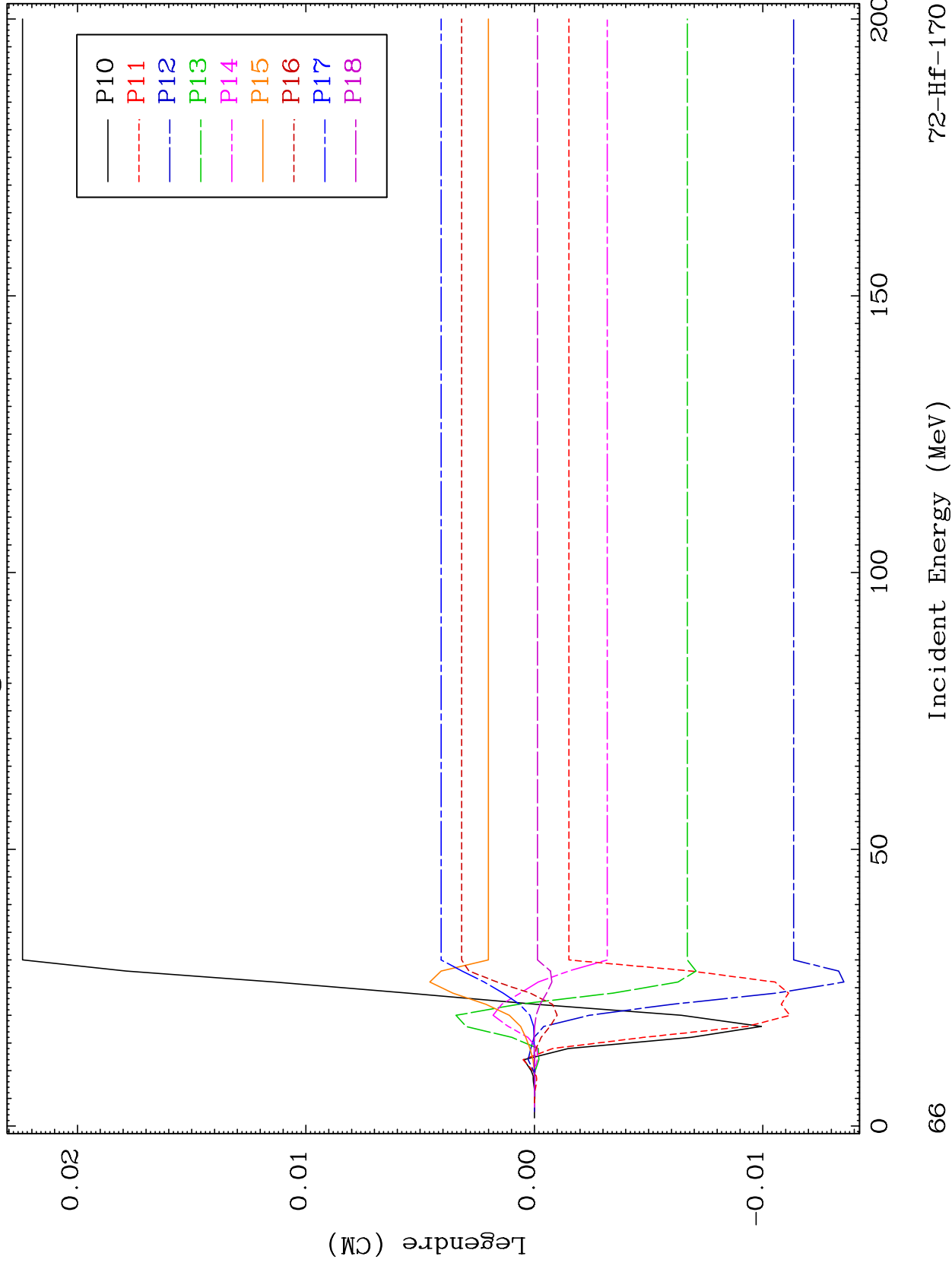
Incident Energy (MeV)

65

MAT 7213

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

72-Hf-170



66

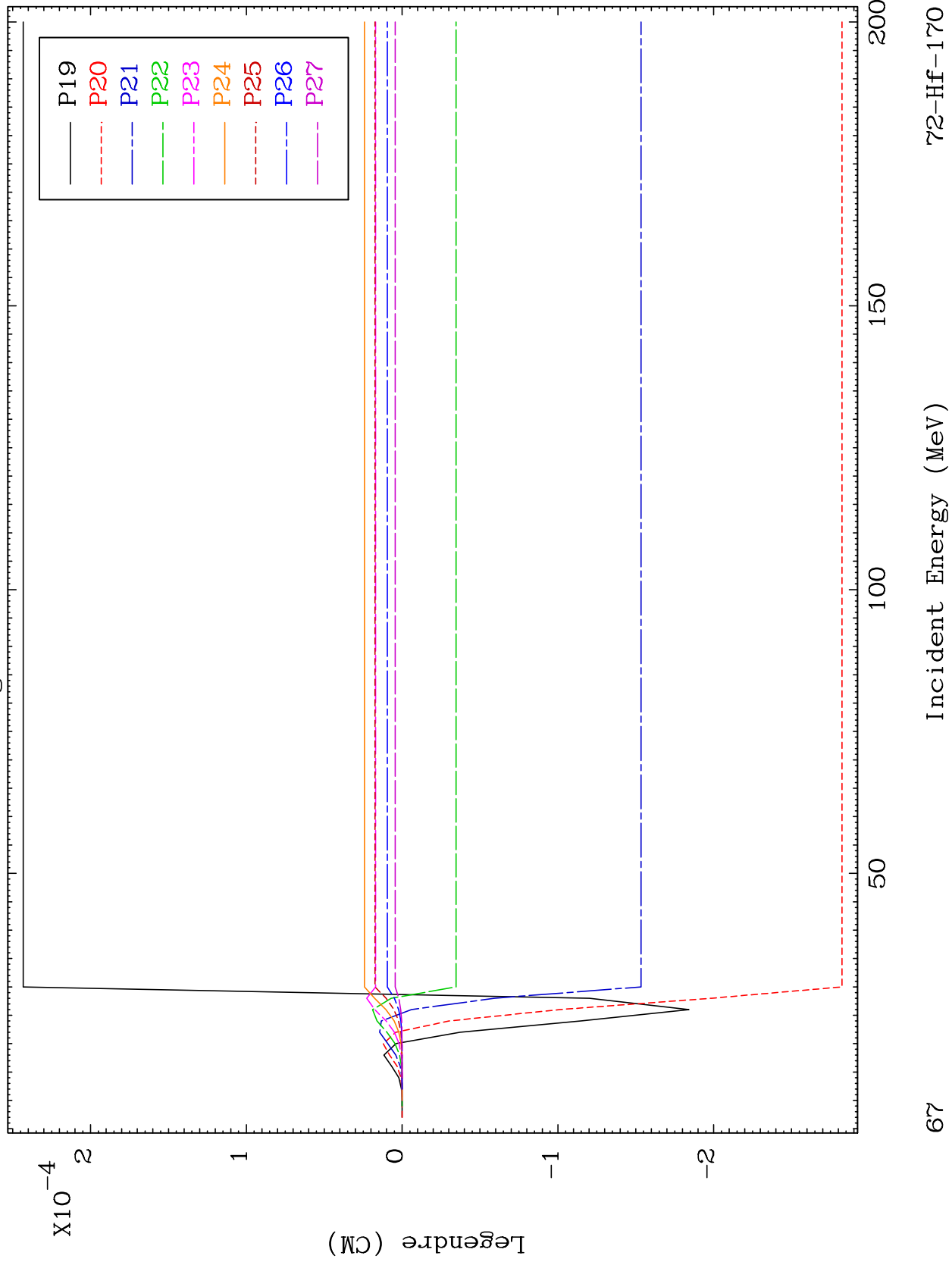
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

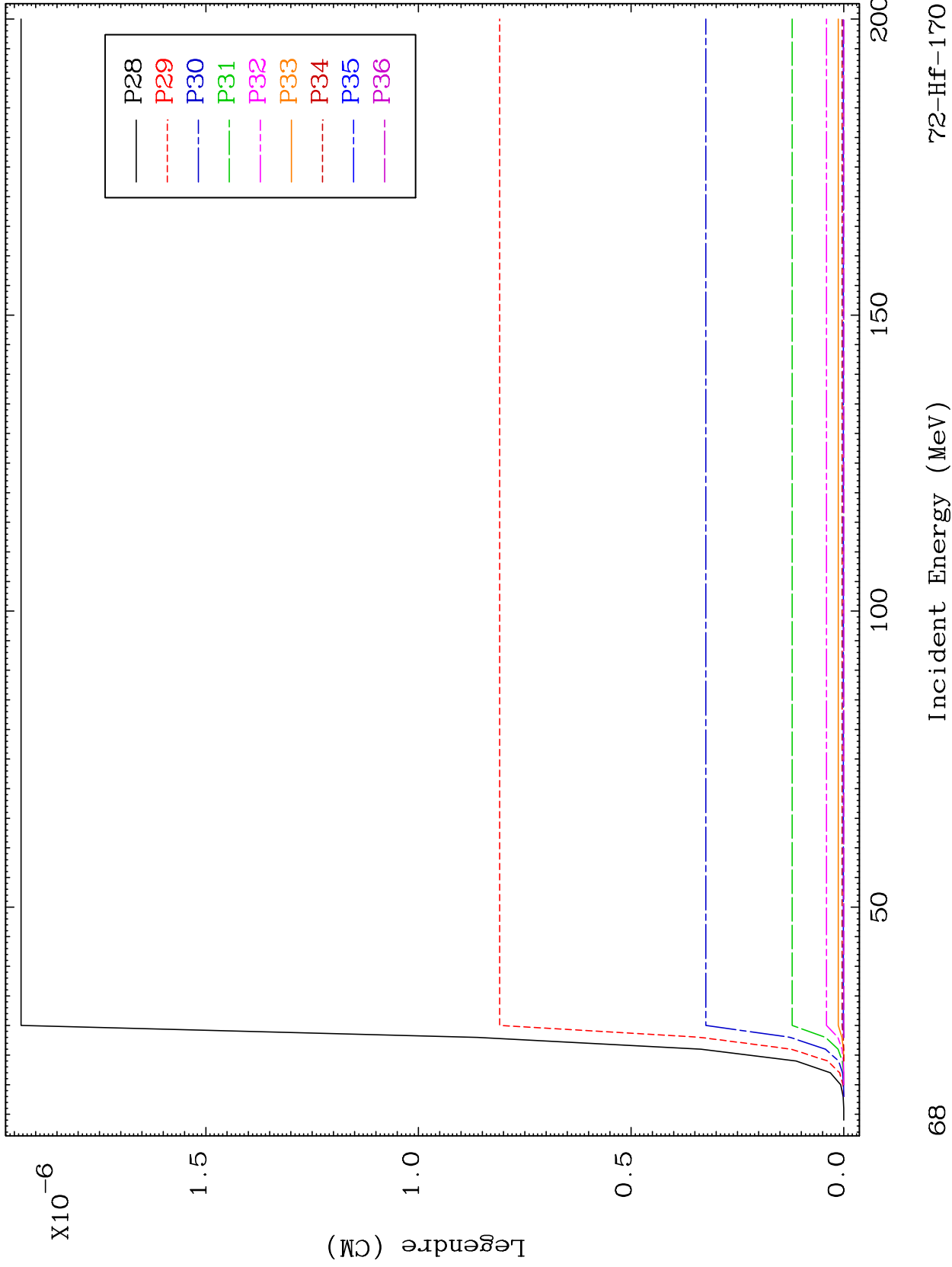
72-Hf-170



MAT 7213

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

72-Hf-170



68

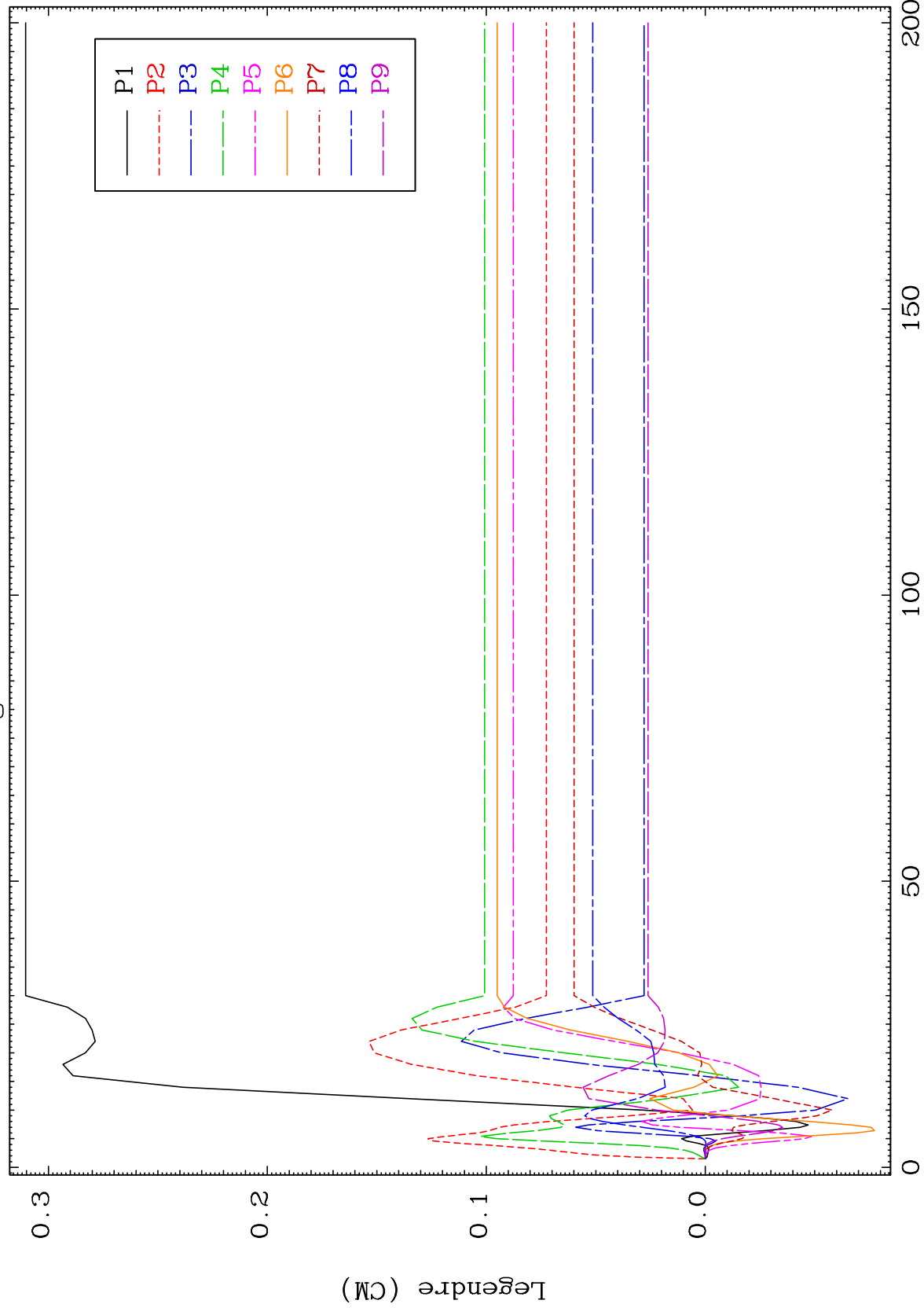
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



Incident Energy (MeV)

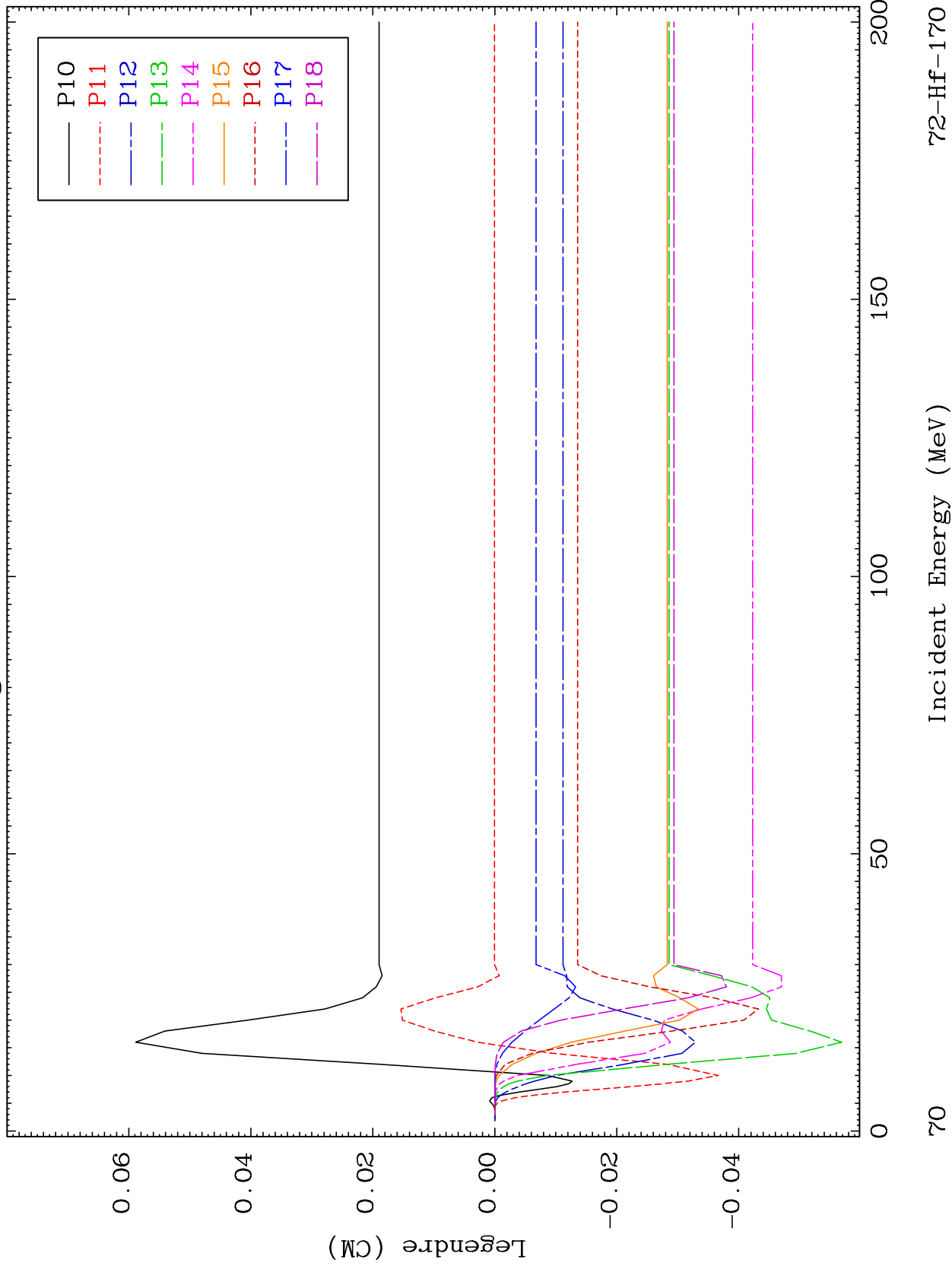
72-Hf-170

69

MAT 7213

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

72-Hf-170



72-Hf-170

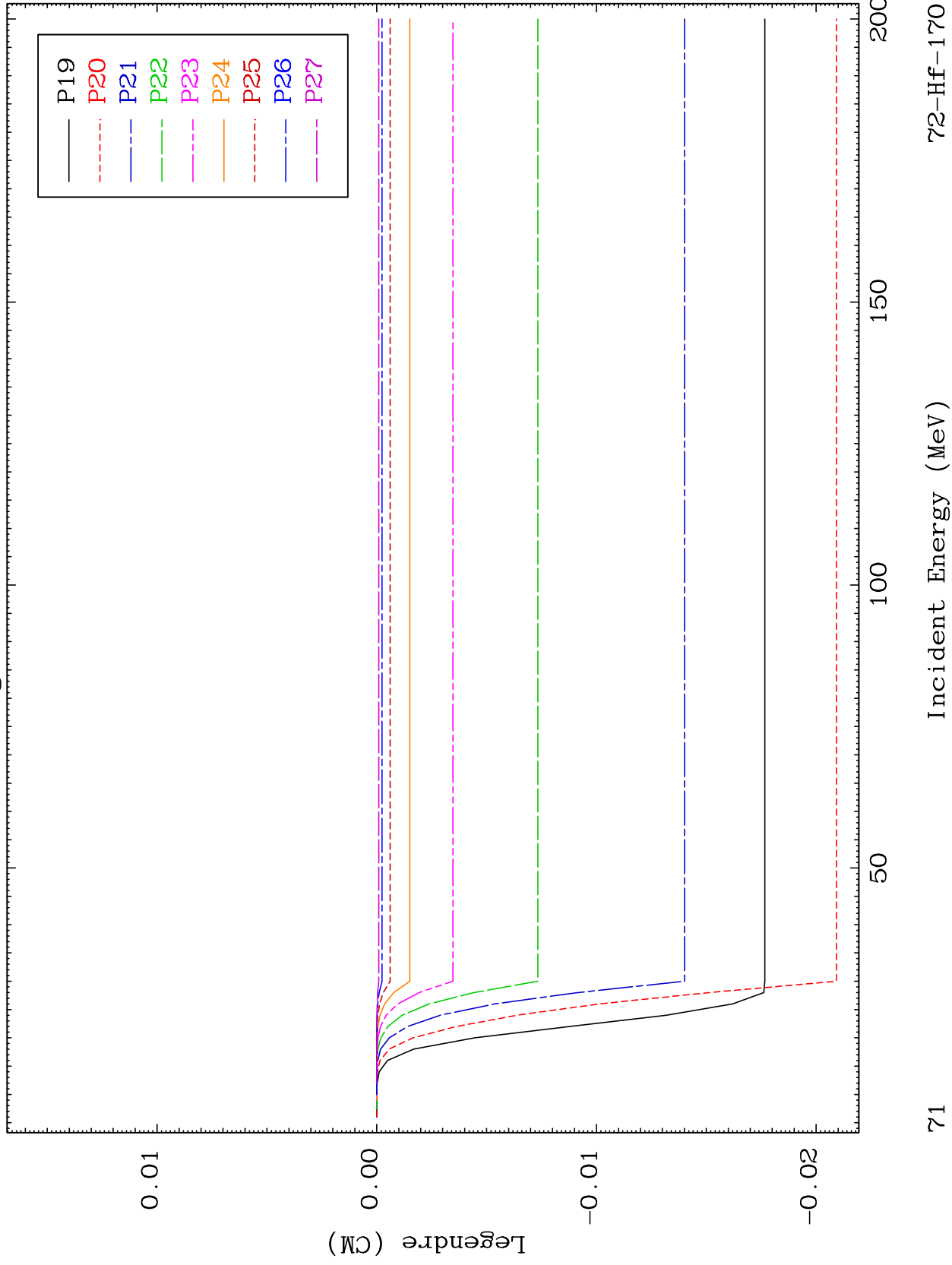
Incident Energy (MeV)

70

MAT 7213

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

72-Hf-170

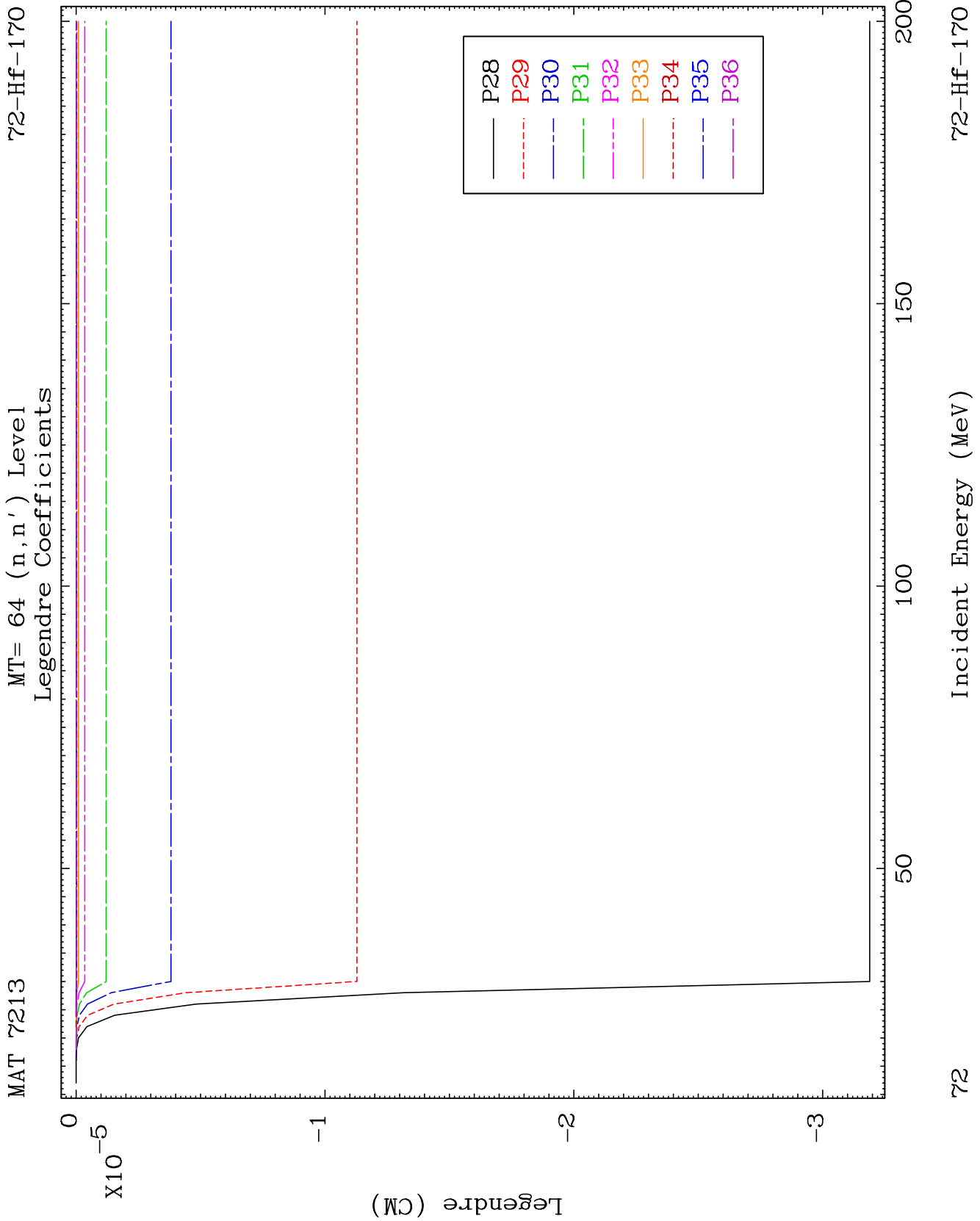


71

Incident Energy (MeV)

72-Hf-170

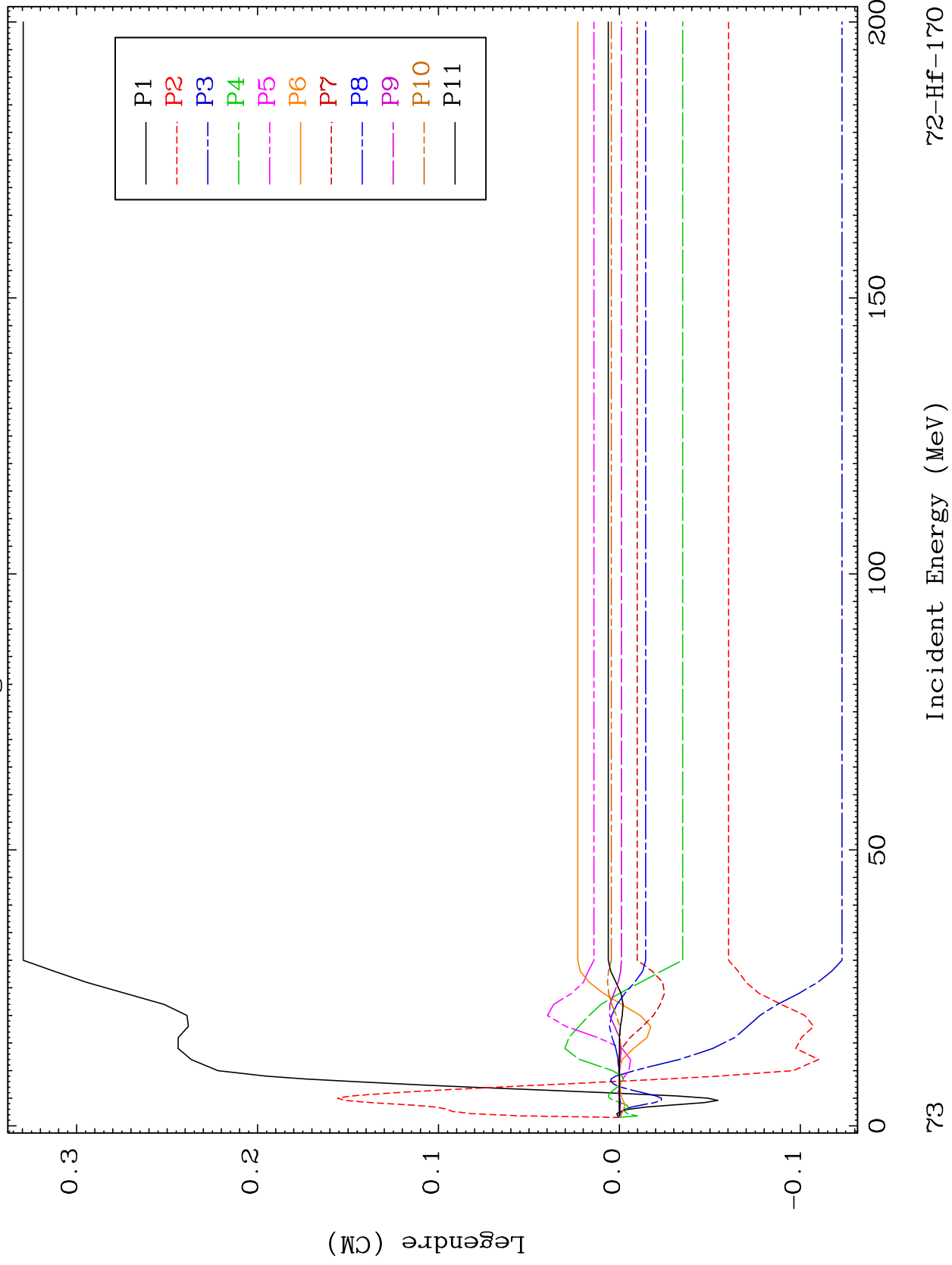




MAT 7213

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

72-Hf-170



72-Hf-170

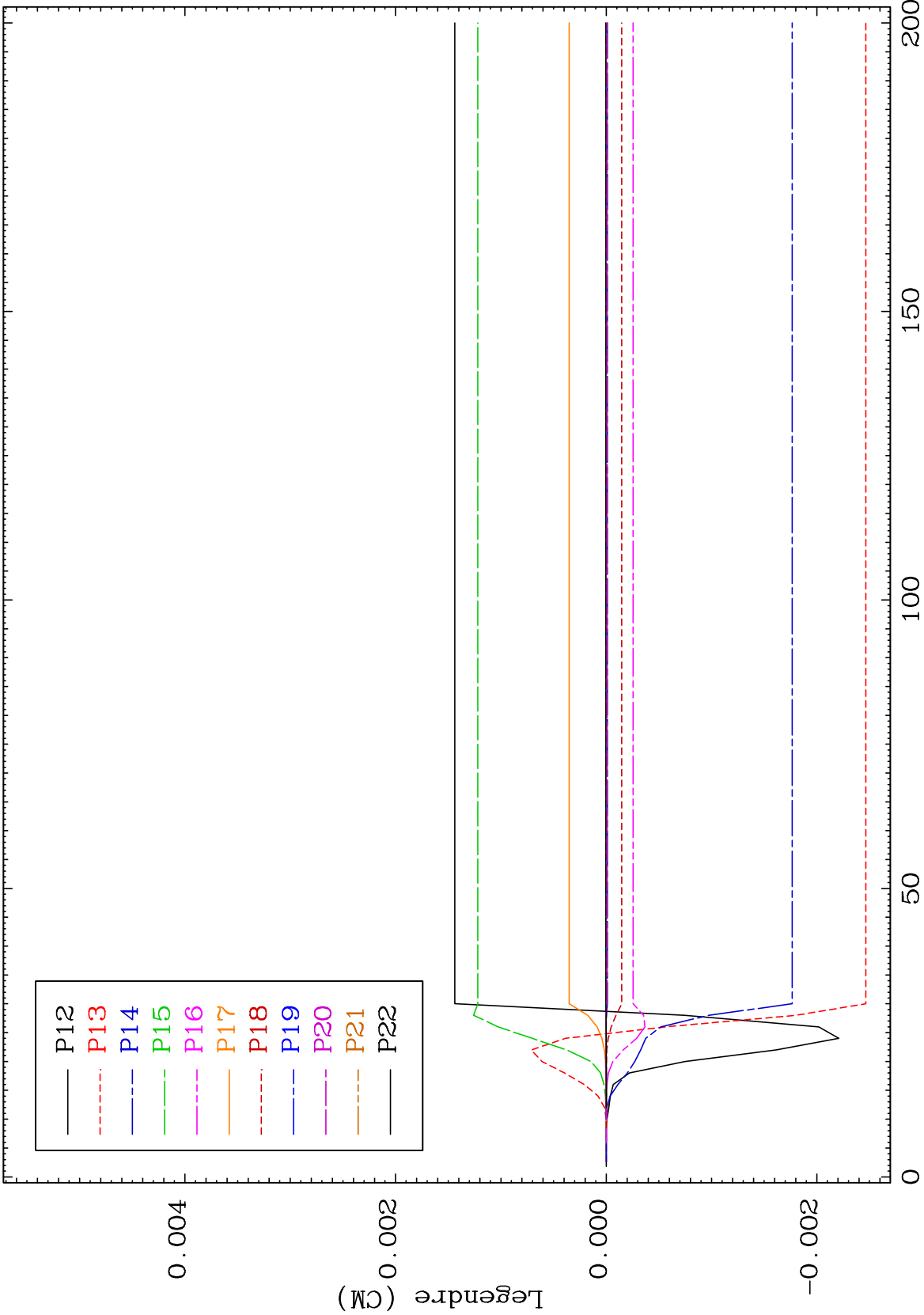
Incident Energy (MeV)

73

MAT 7213

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

72-Hf-170



74

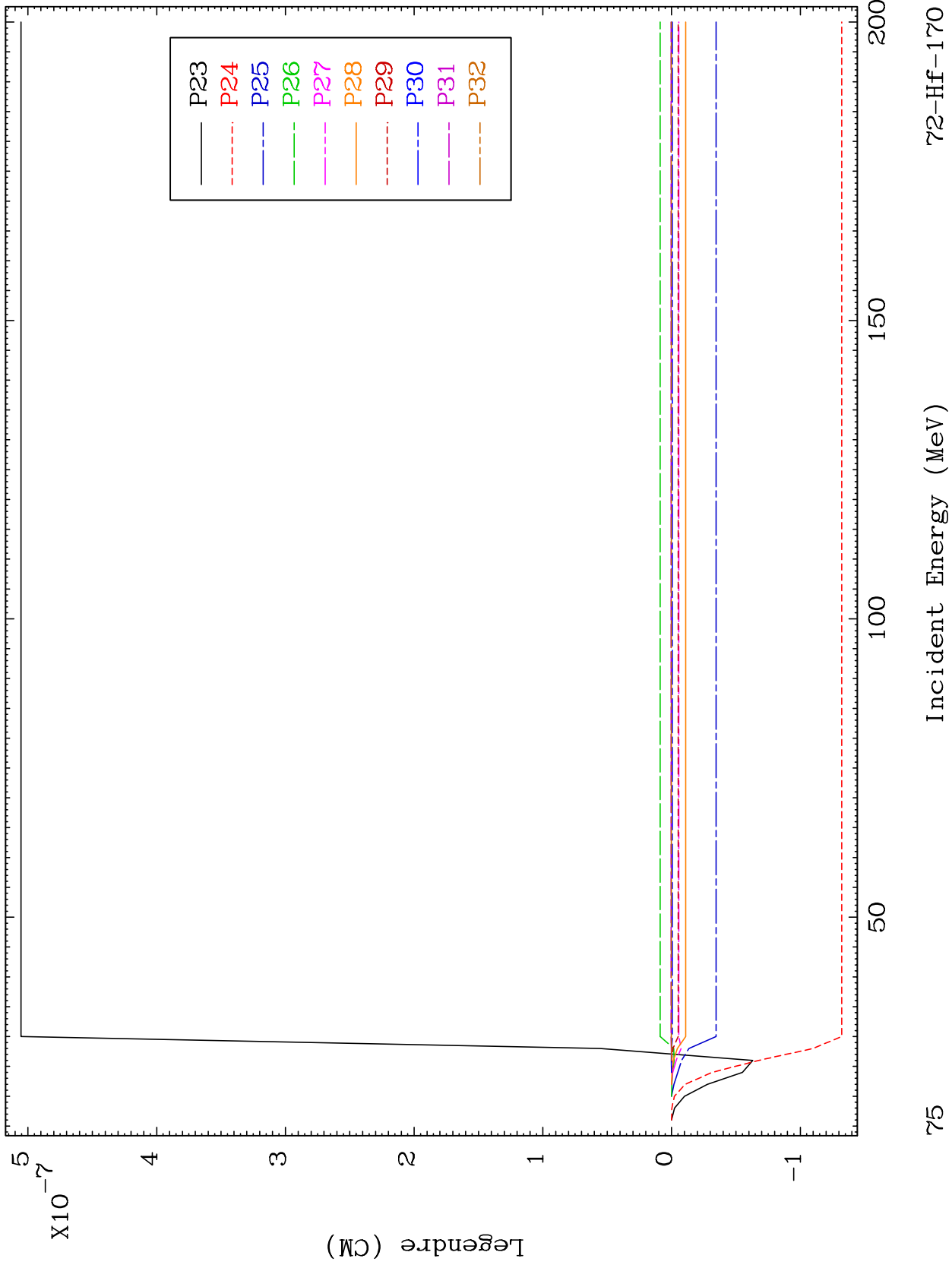
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



75

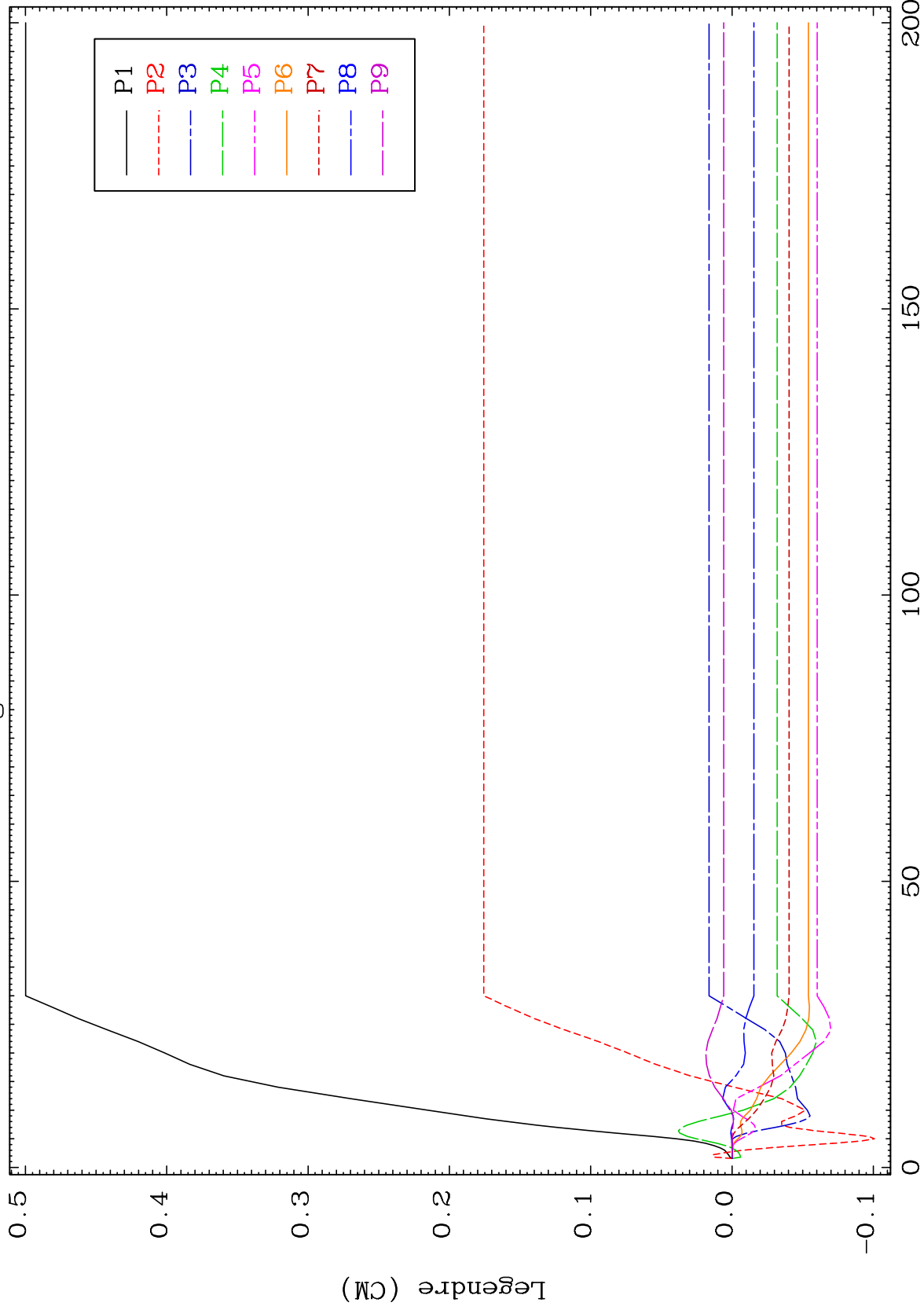
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



76

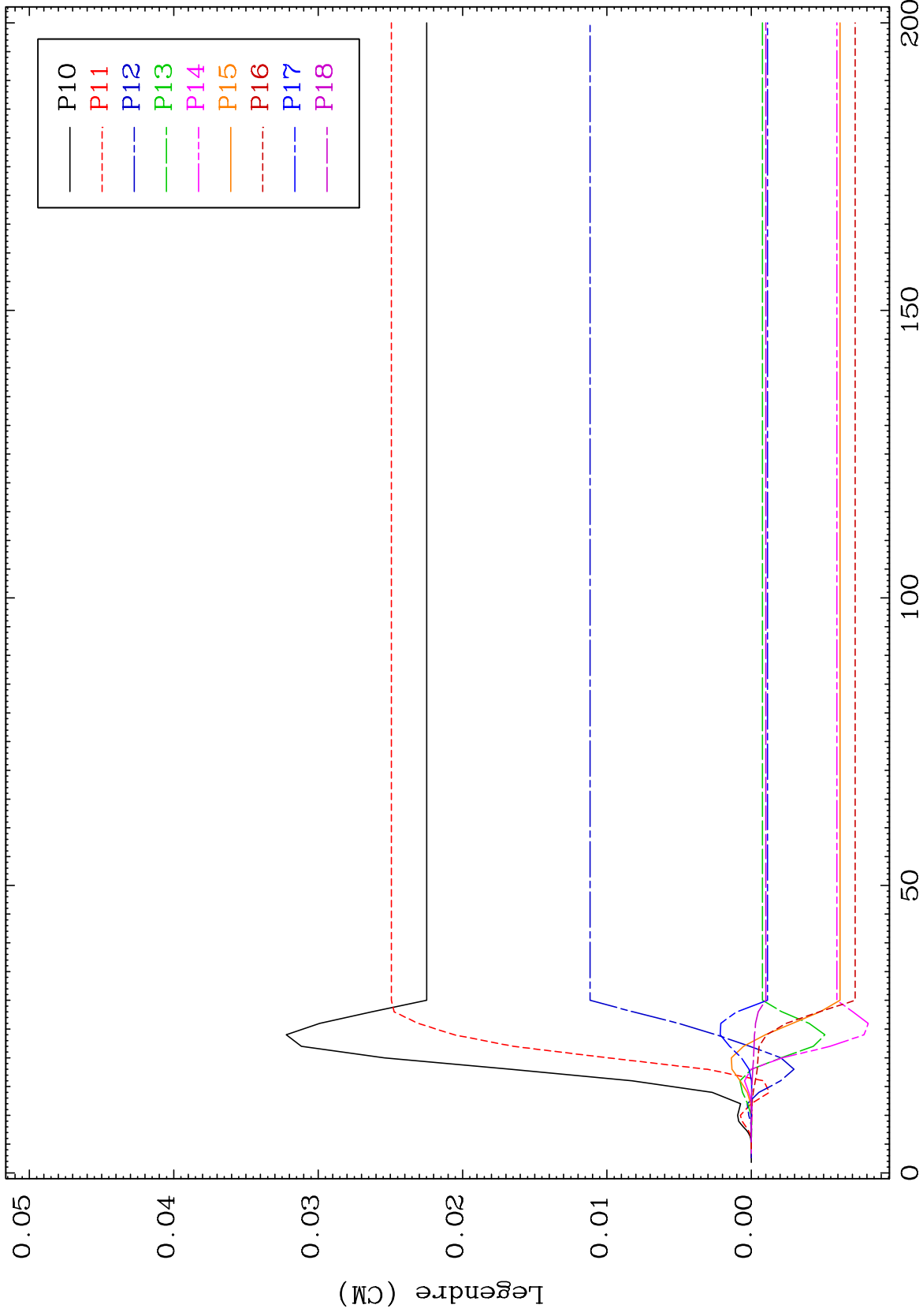
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



77

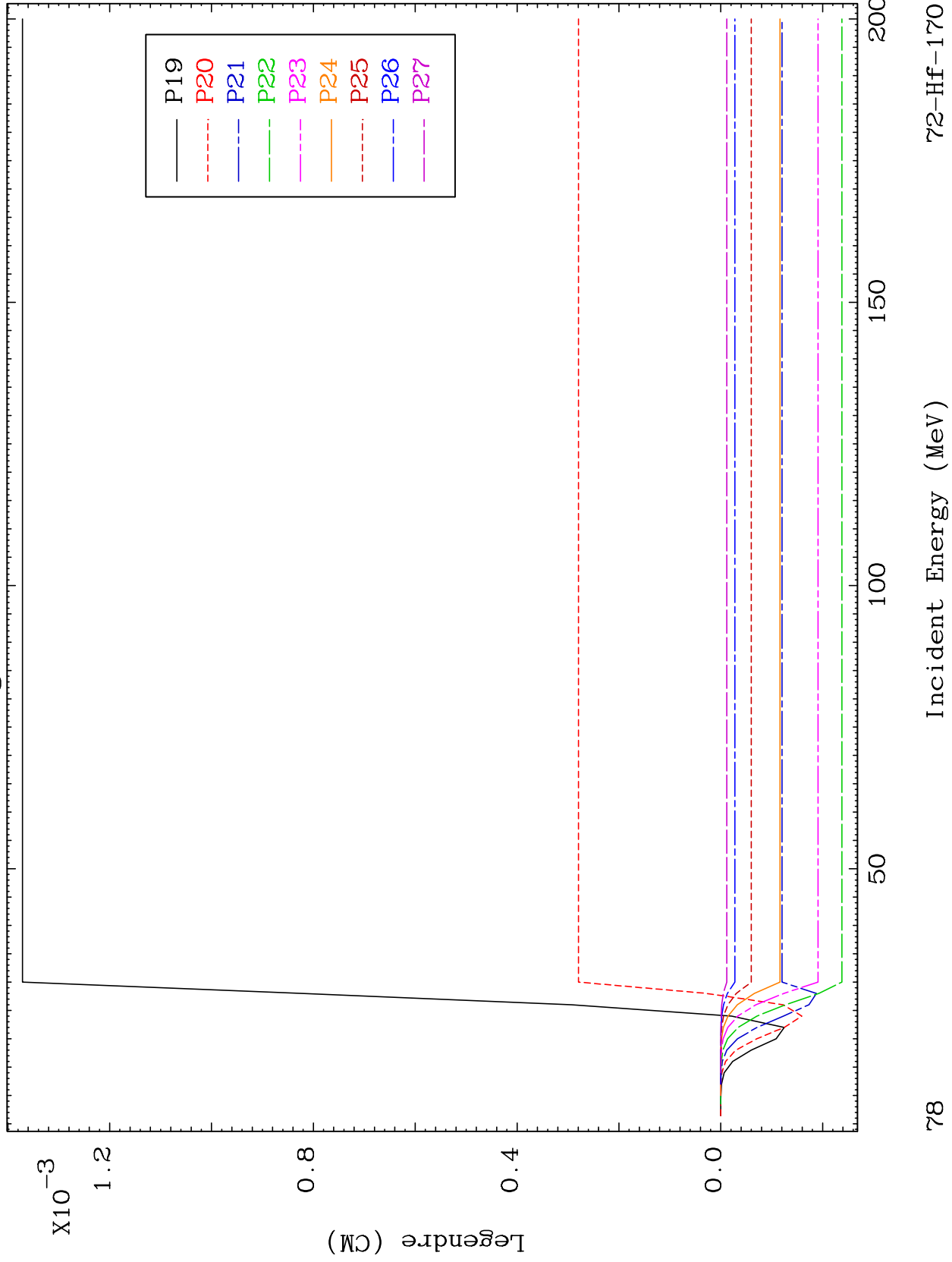
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

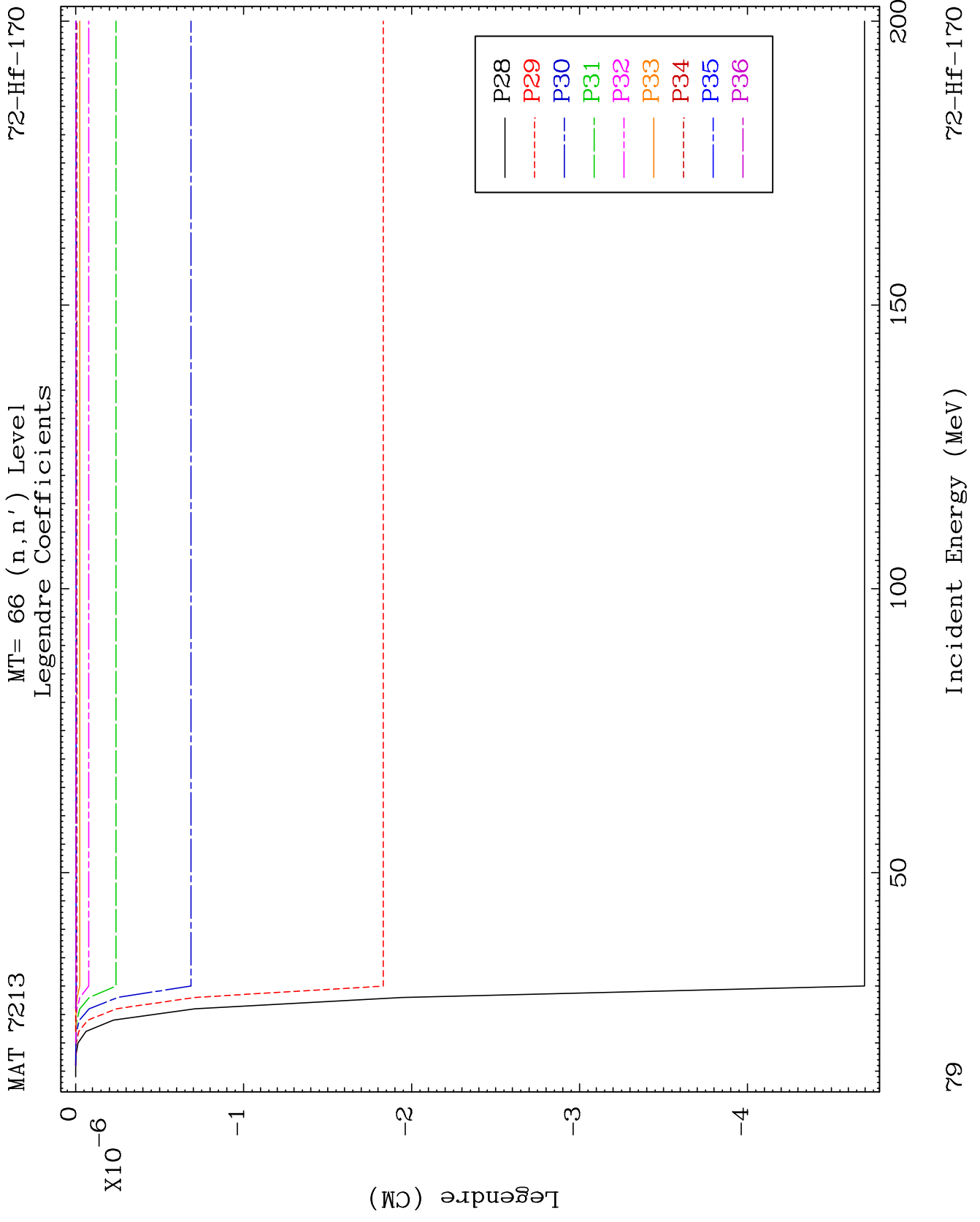
72-Hf-170



78

Incident Energy (MeV)

72-Hf-170



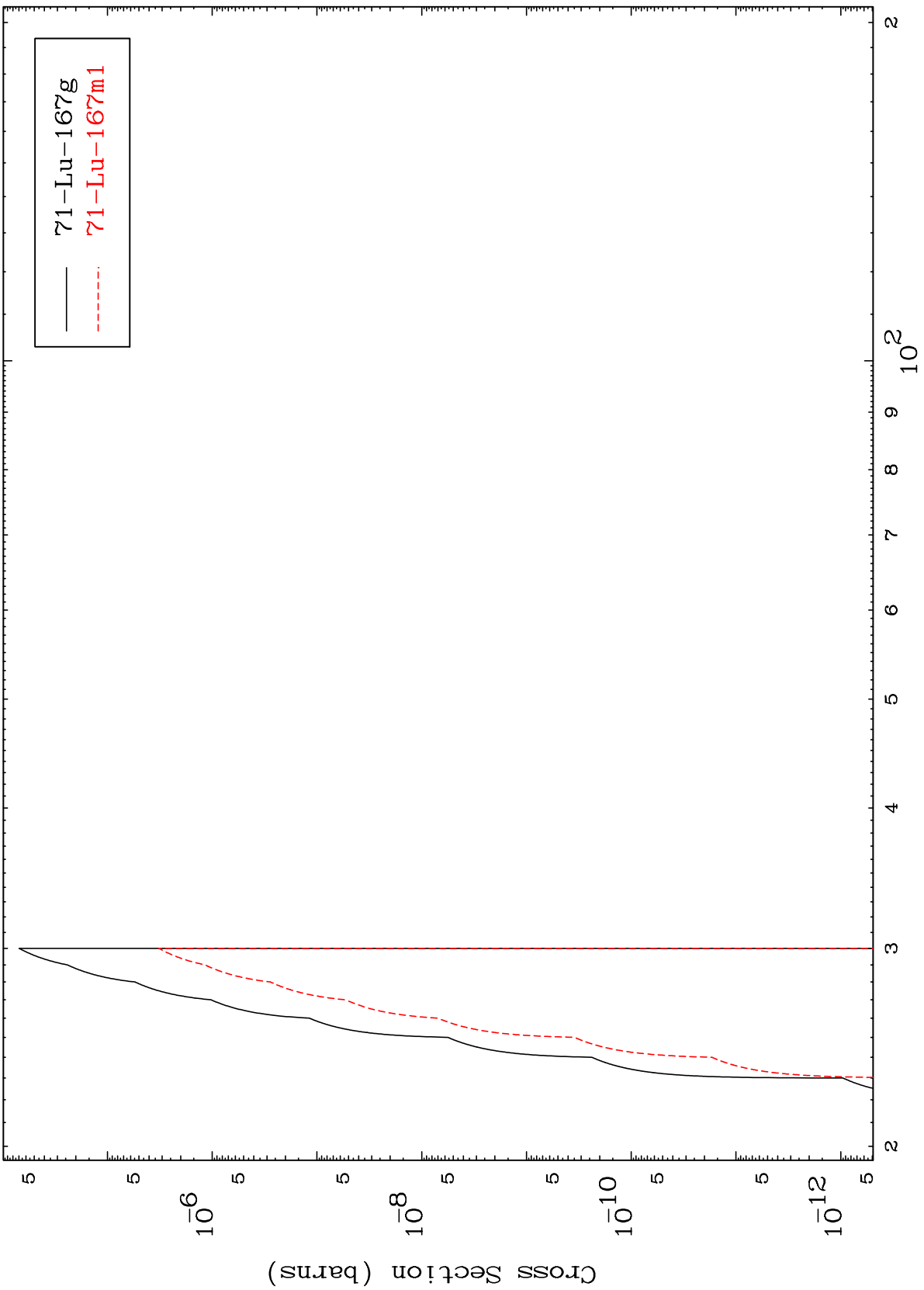


MAT 7213

(n,2n) d

72-Hf-170

Radionuclide Production Cross Section



80

Incident Energy (MeV)

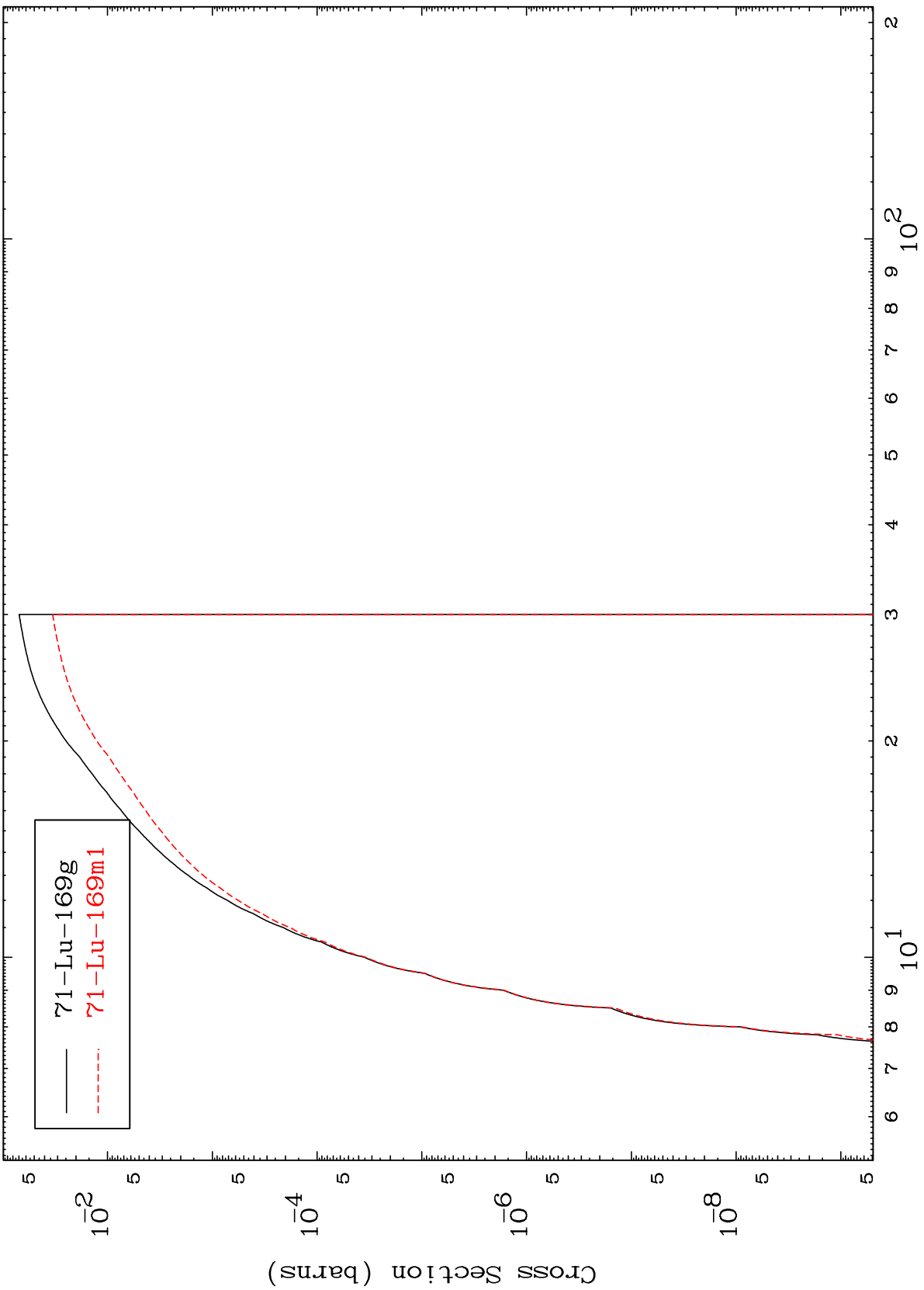
72-Hf-170

MAT 7213

(n,n') p

72-Hf-170

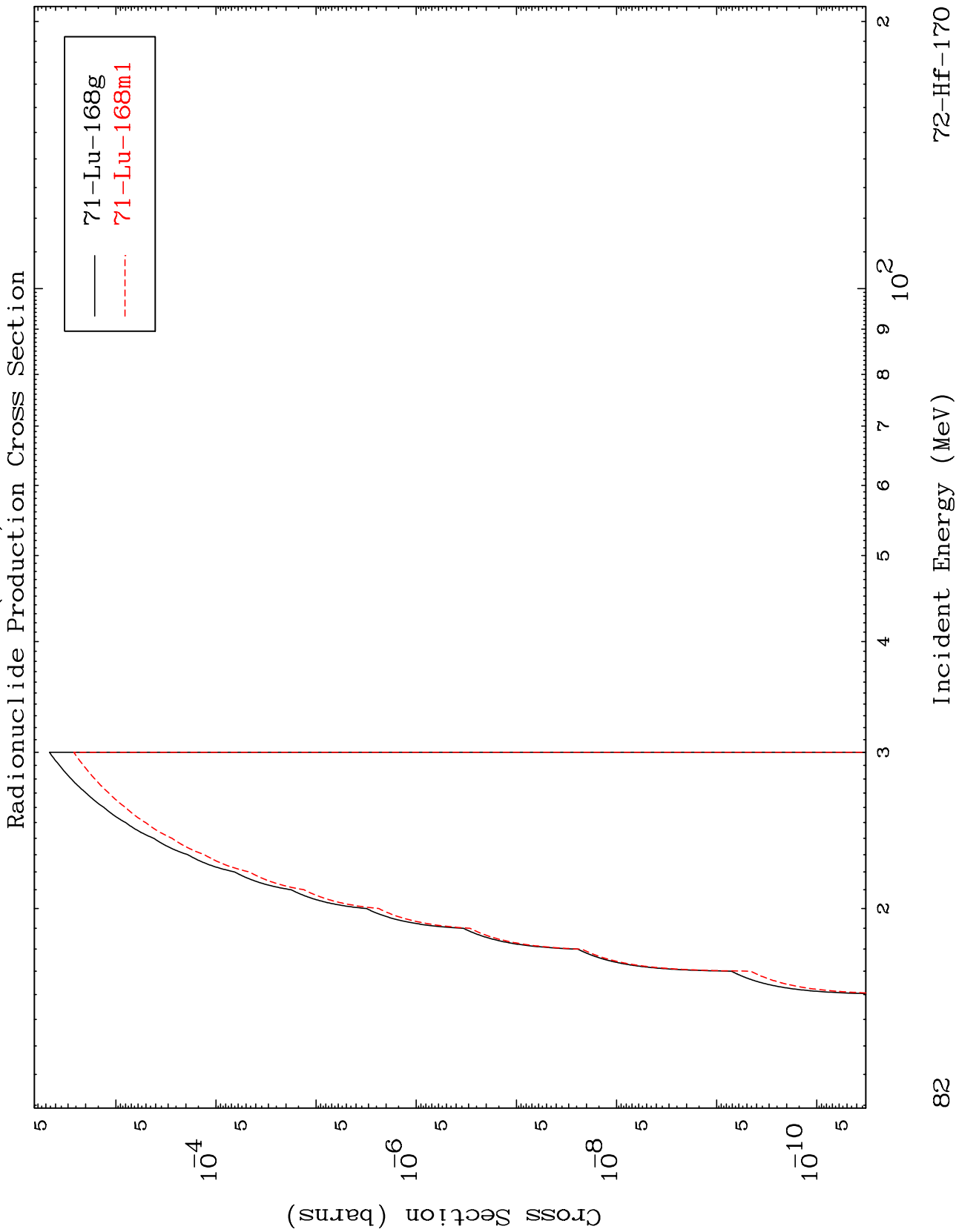
Radionuclide Production Cross Section



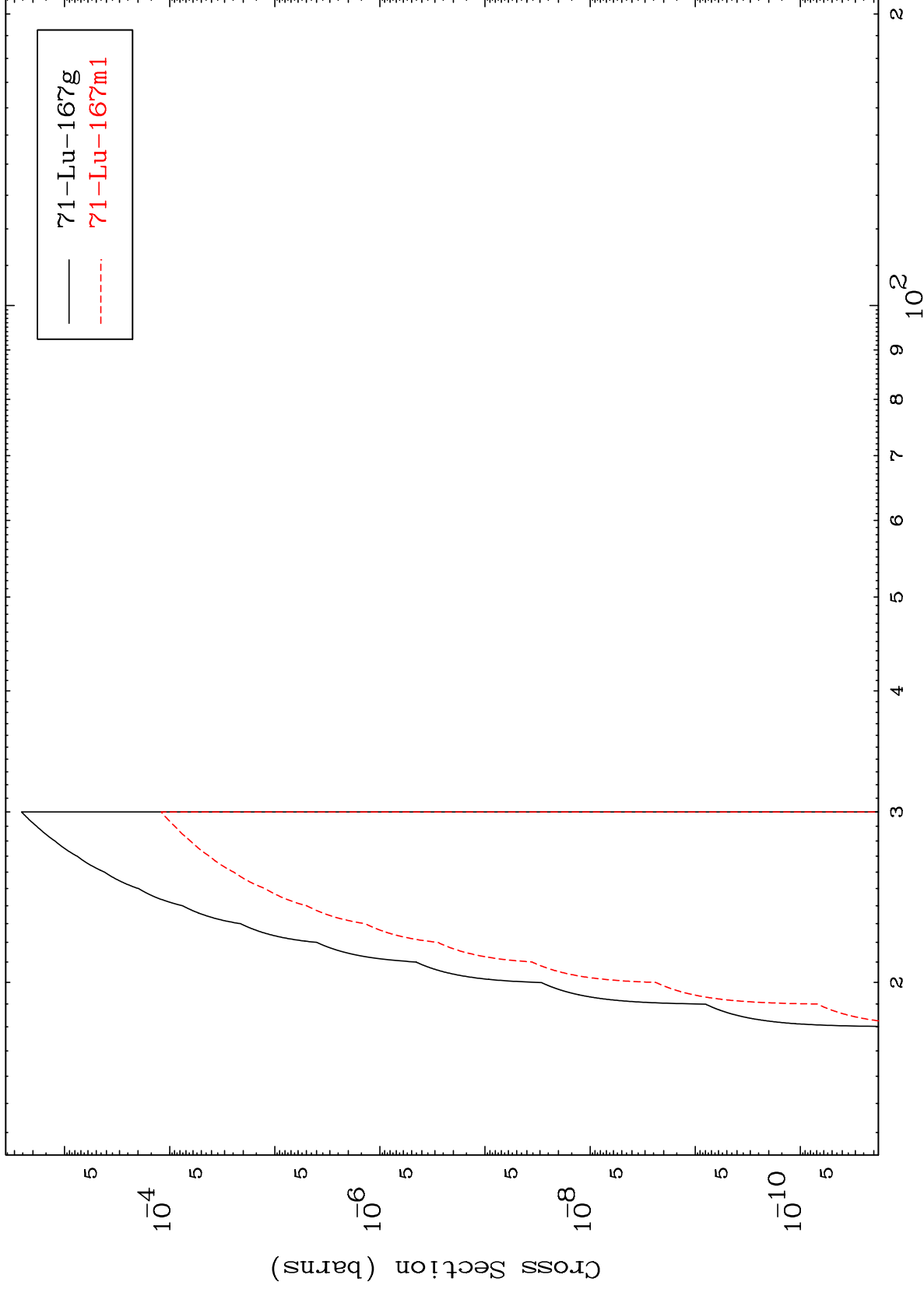
81

Incident Energy (MeV)

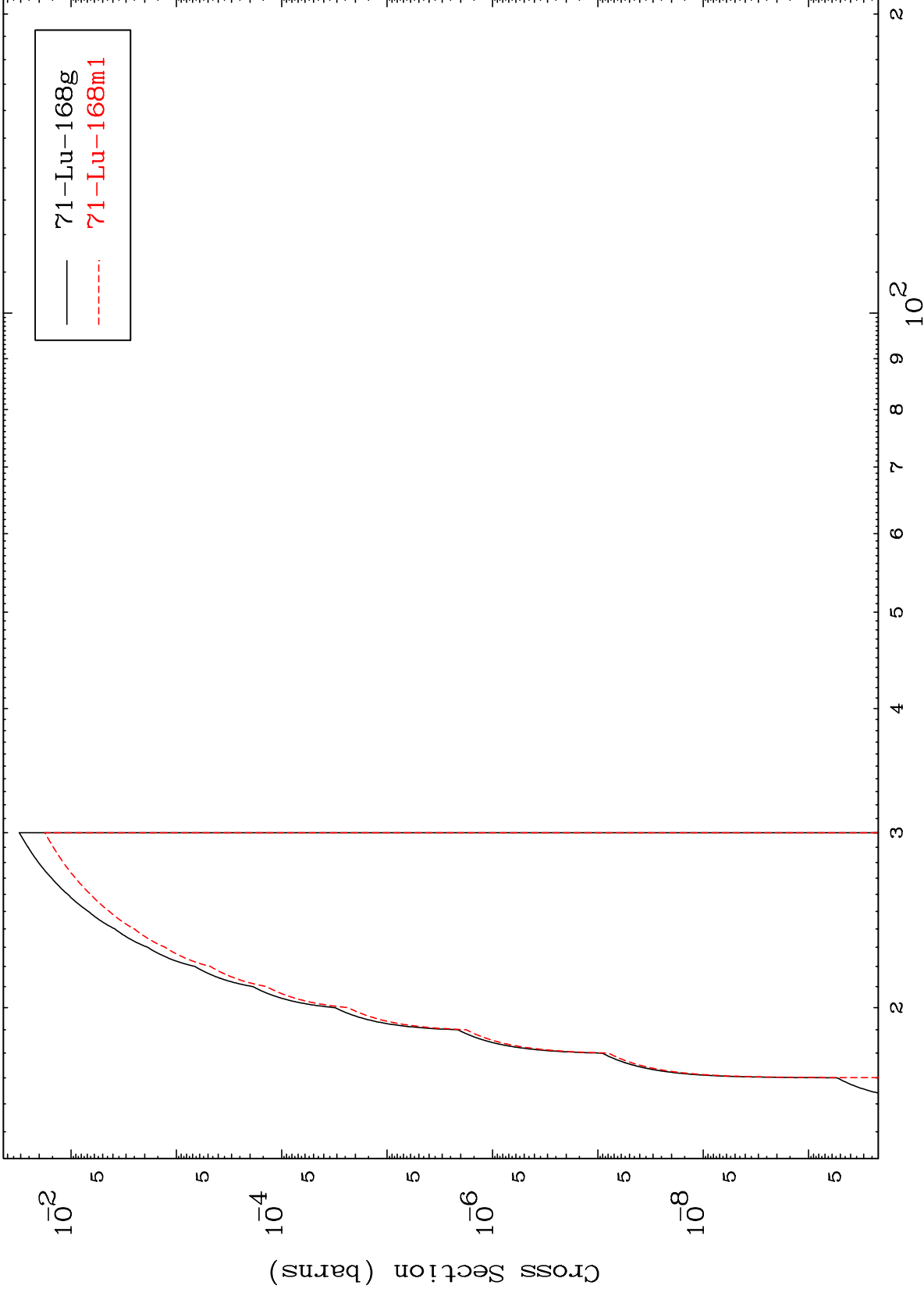
72-Hf-170



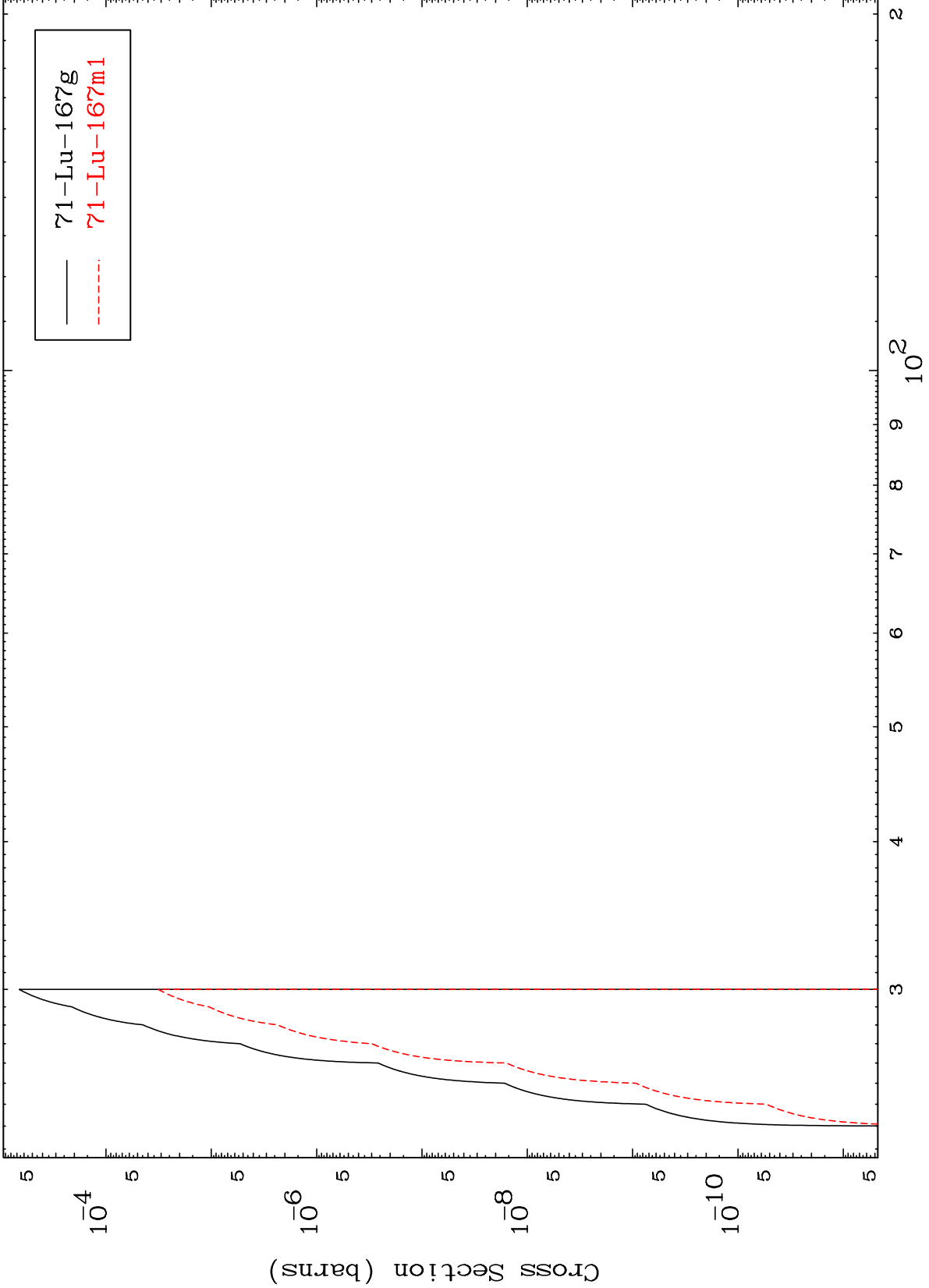
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

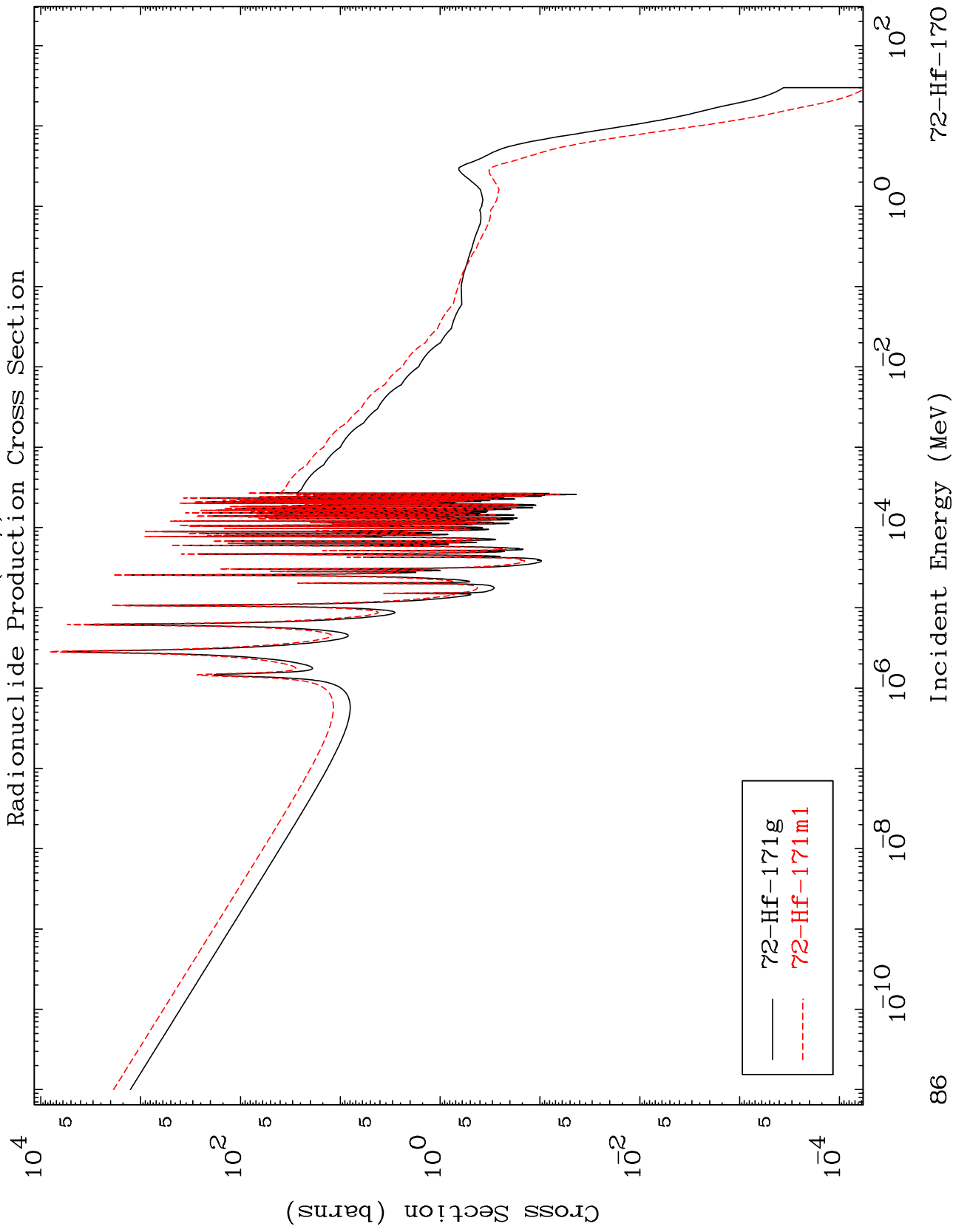


MAT 7213

<sup>72</sup>Hf-170

Radionuclide Production Cross Section

(n,  $\gamma$ )

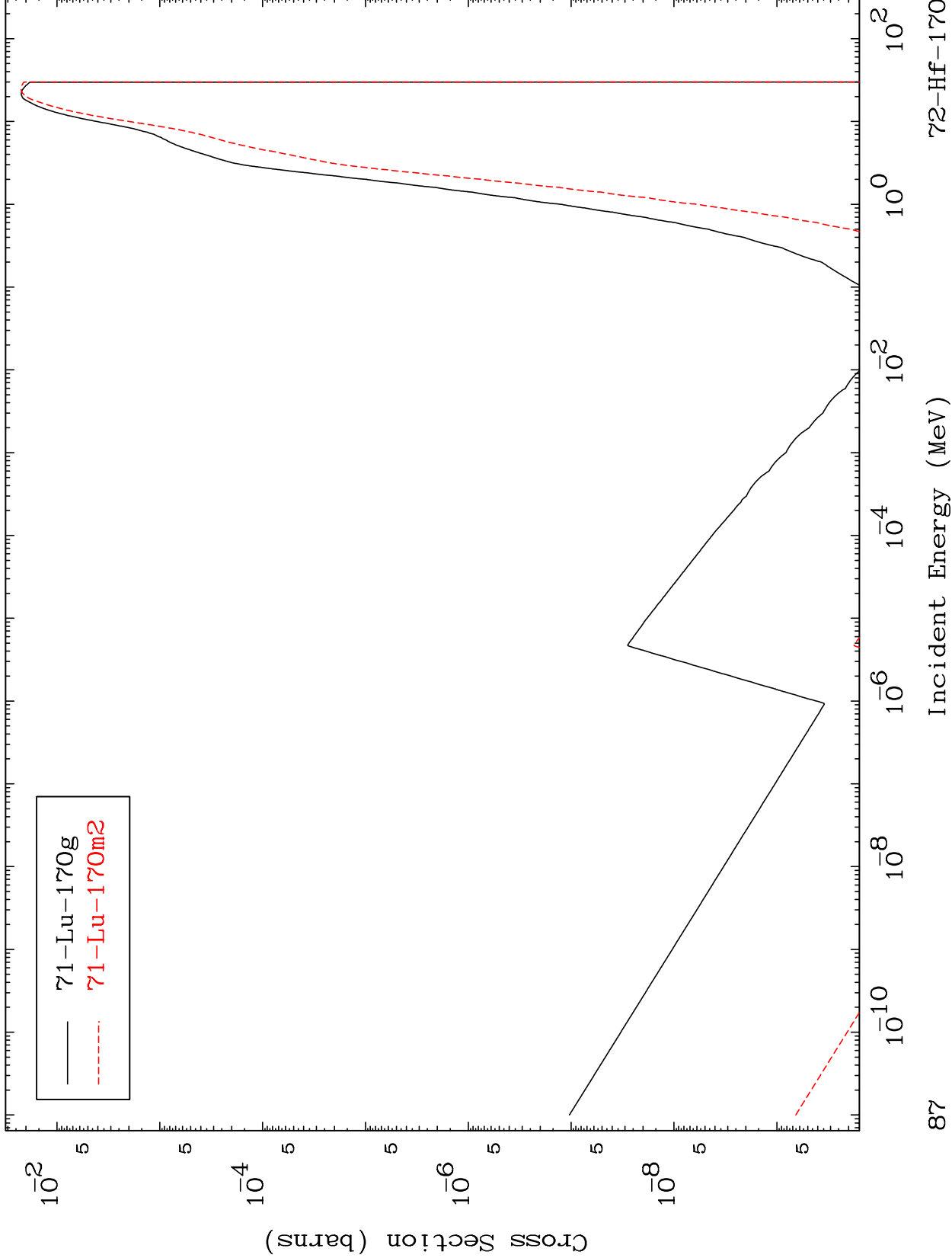


MAT 7213

(n,p)

72-Hf-170

Radionuclide Production Cross Section

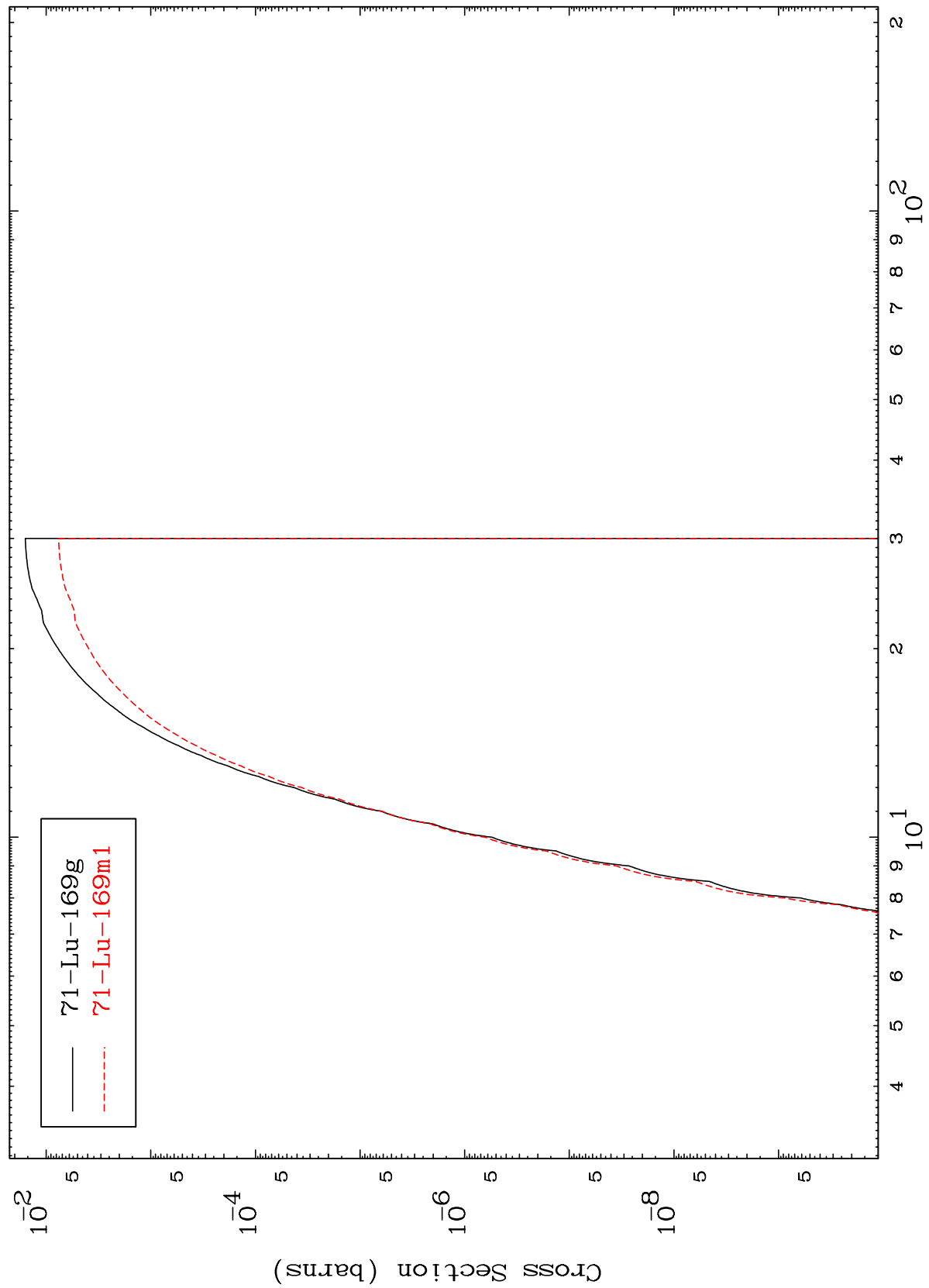




MAT 7213

72-Hf-170

(n,d)  
Radionuclide Production Cross Section



88

Incident Energy (MeV)

72-Hf-170

