

Program EVALPLOT  
(Version 2018-1)

by

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

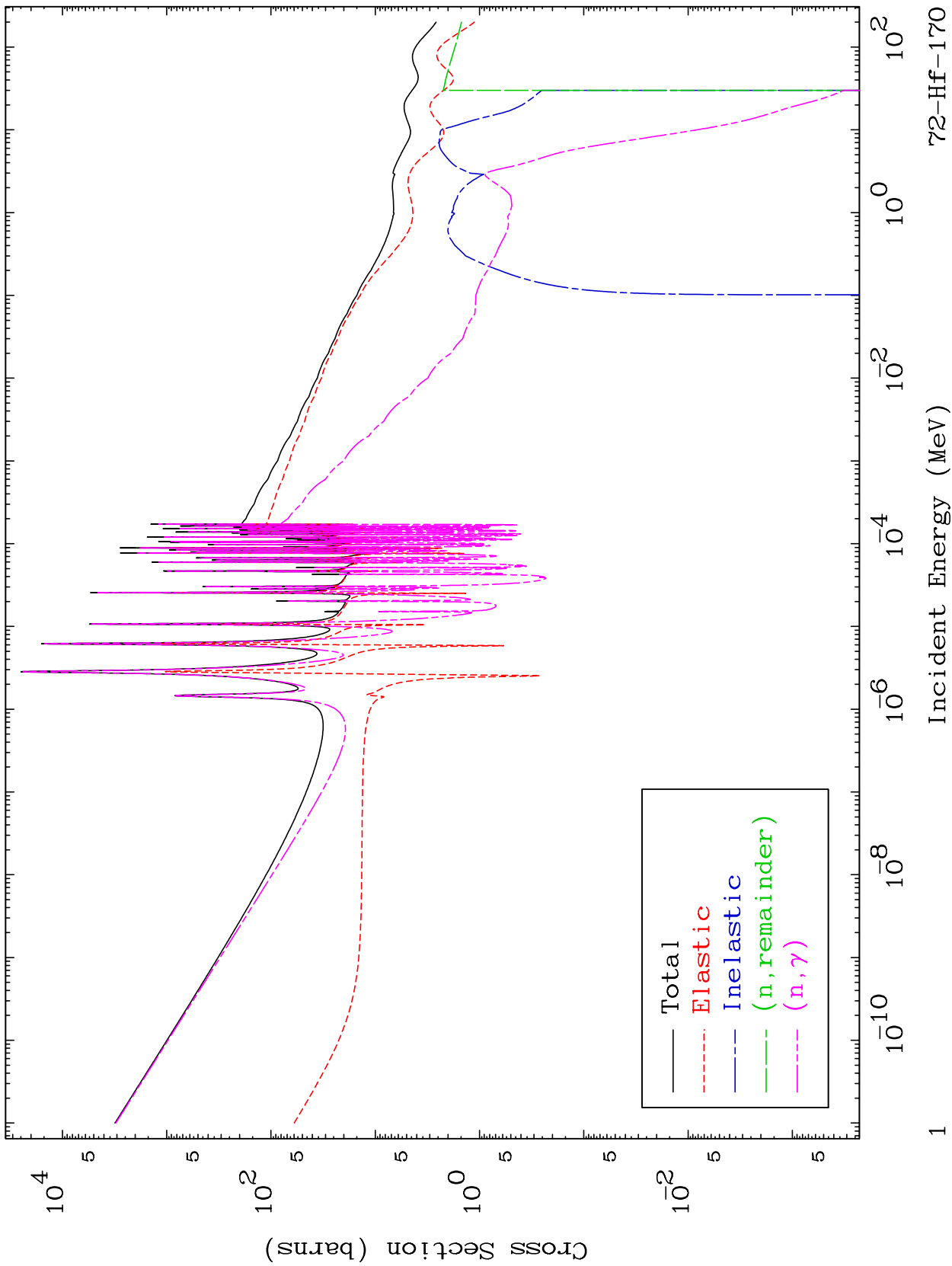
Press Mouse Button to Start

MAT 7213

Major

293 Kelvin Cross Sections

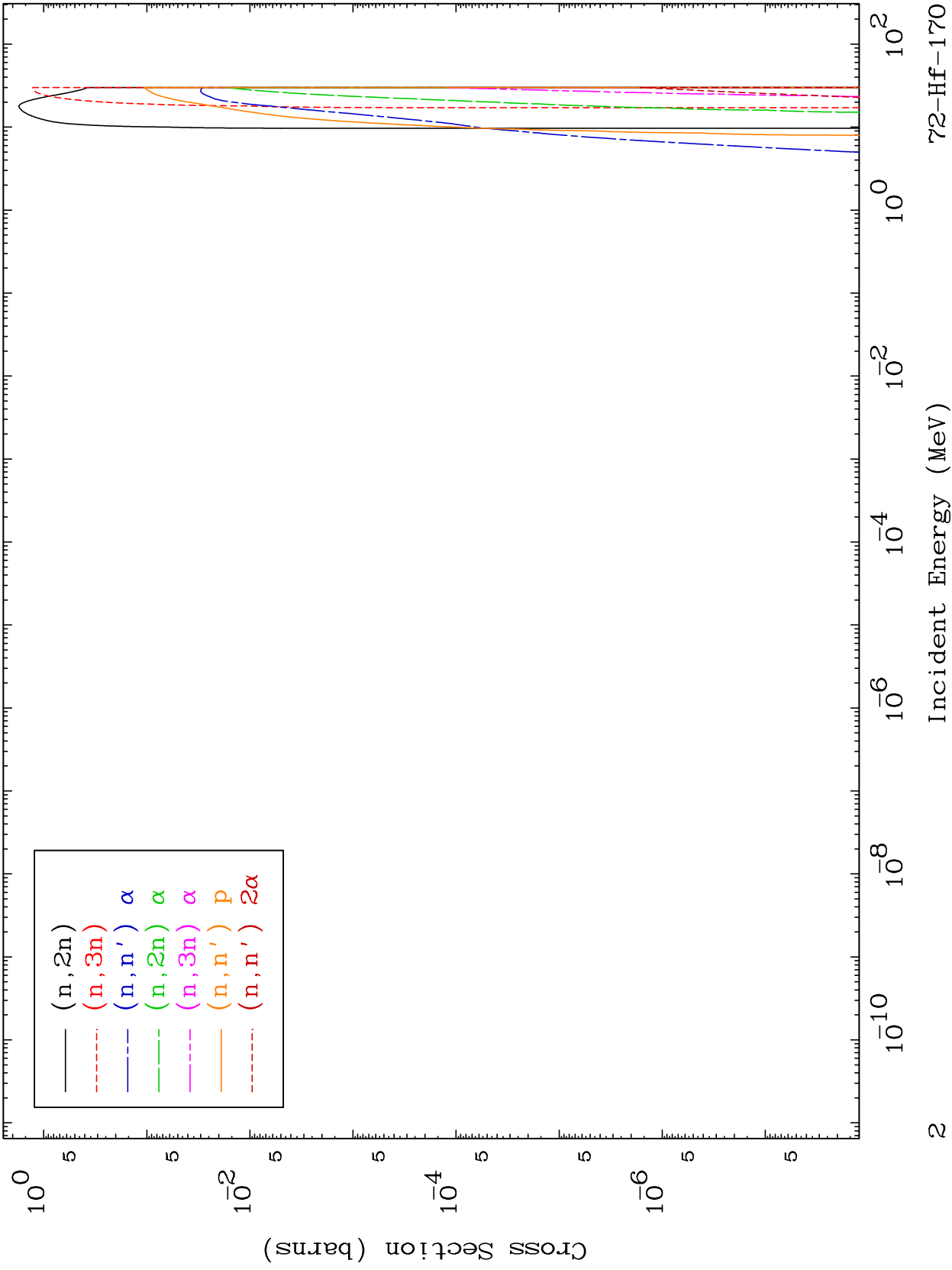
72-Hf-170

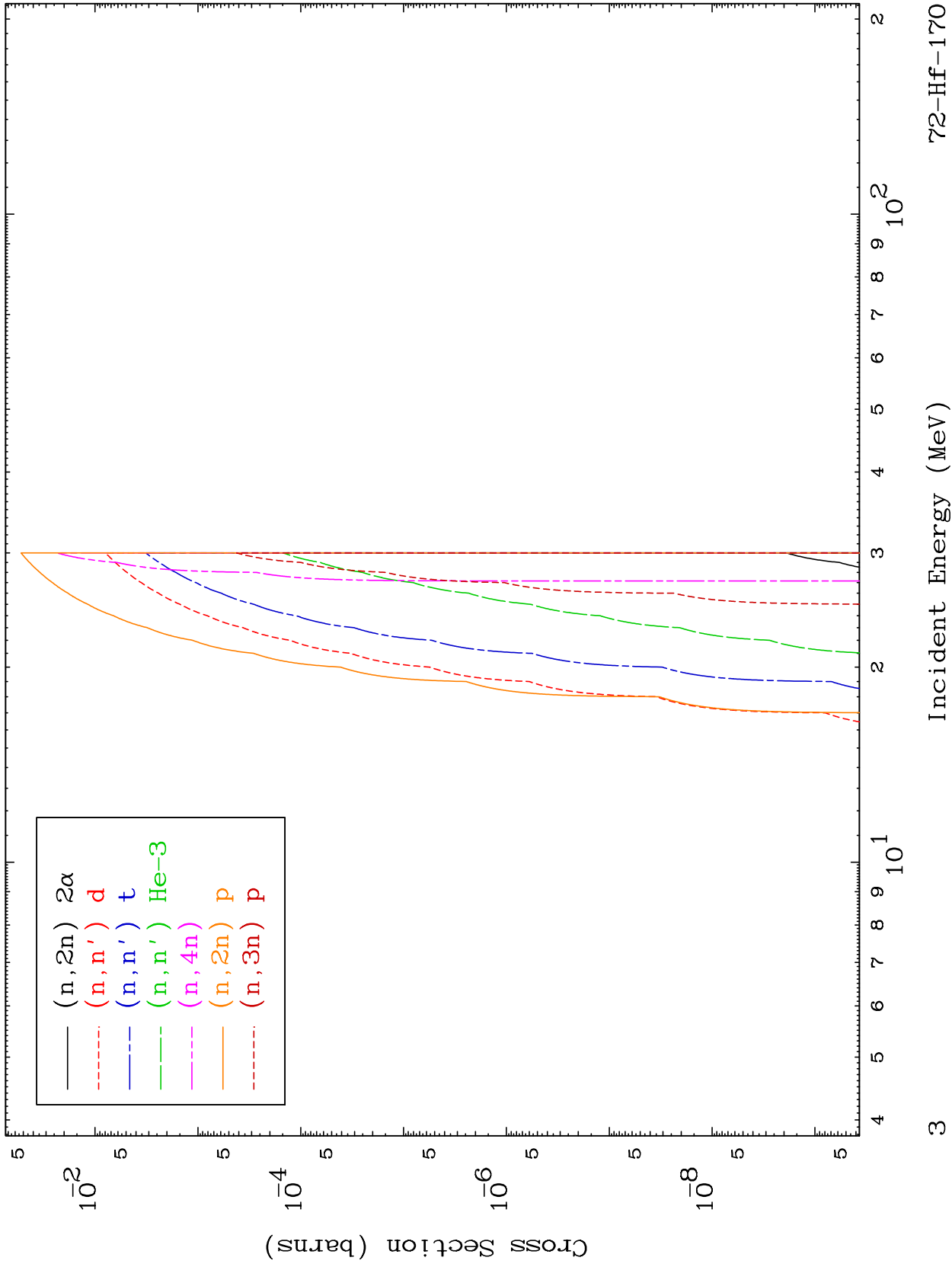


MAT 7213

Neutron Production  
293 Kelvin Cross Sections

72-Hf-170

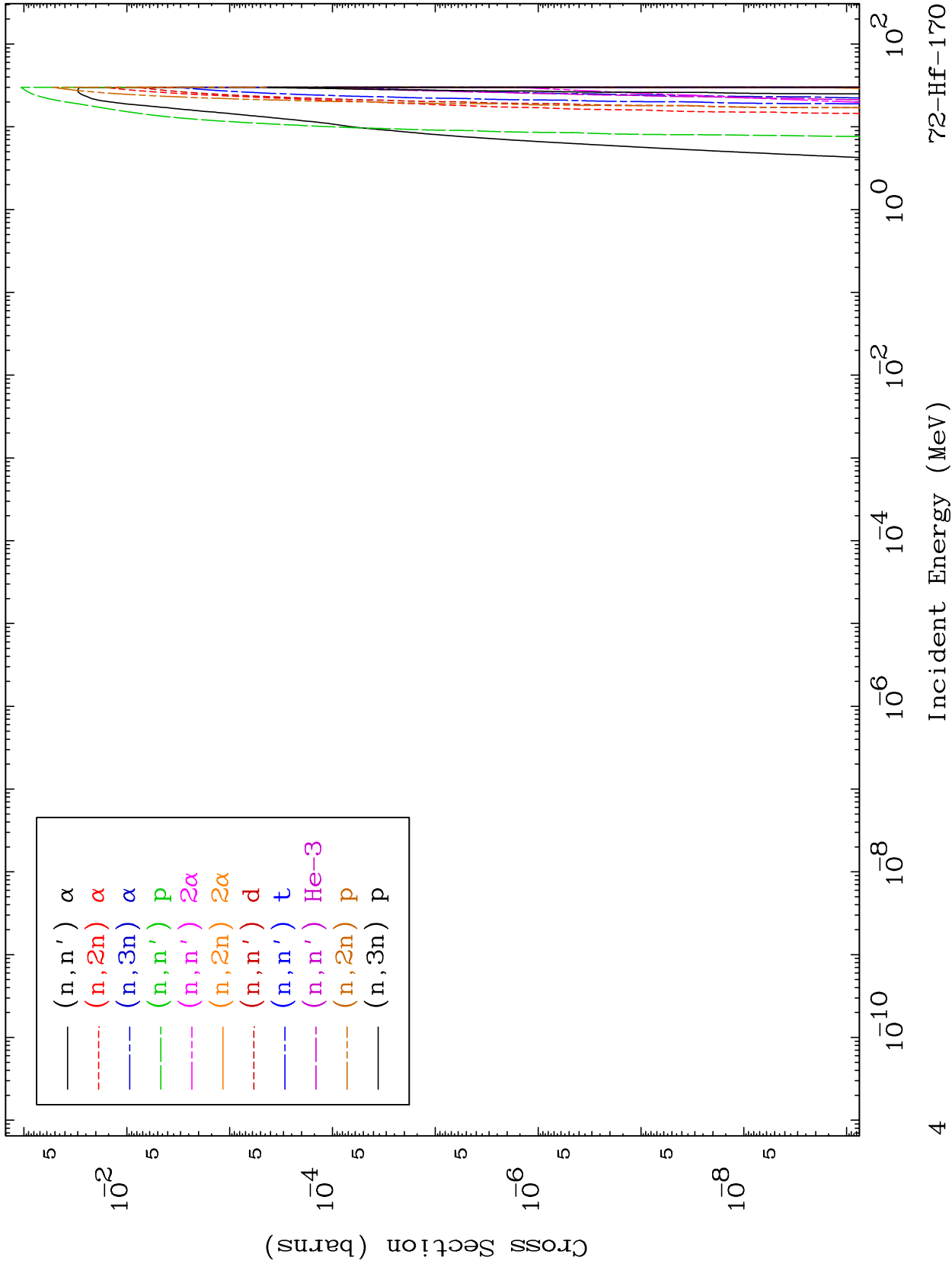




MAT 7213

Charged Particle  
293 Kelvin Cross Sections

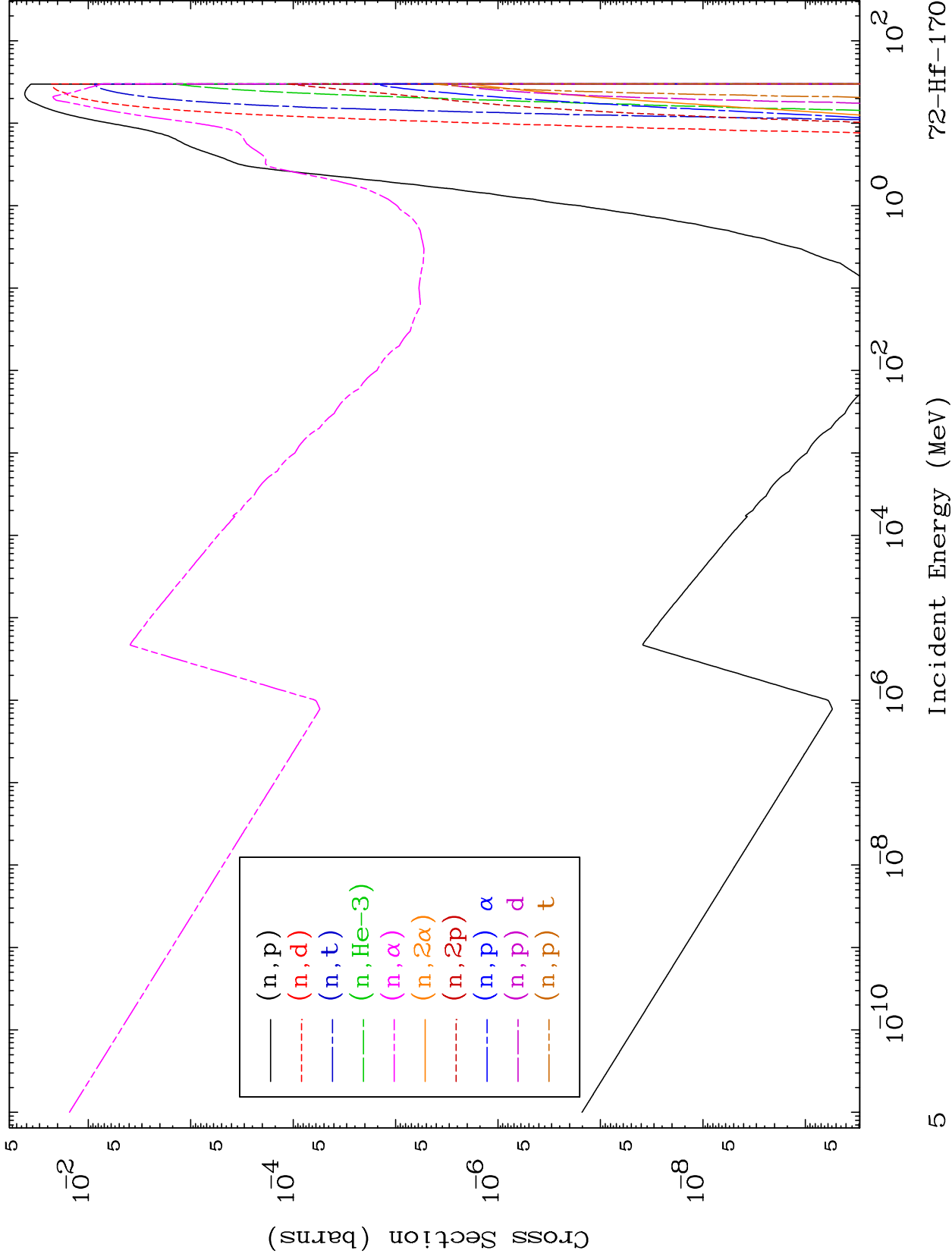
72-Hf-170



MAT 7213

Charged Particle  
293 Kelvin Cross Sections

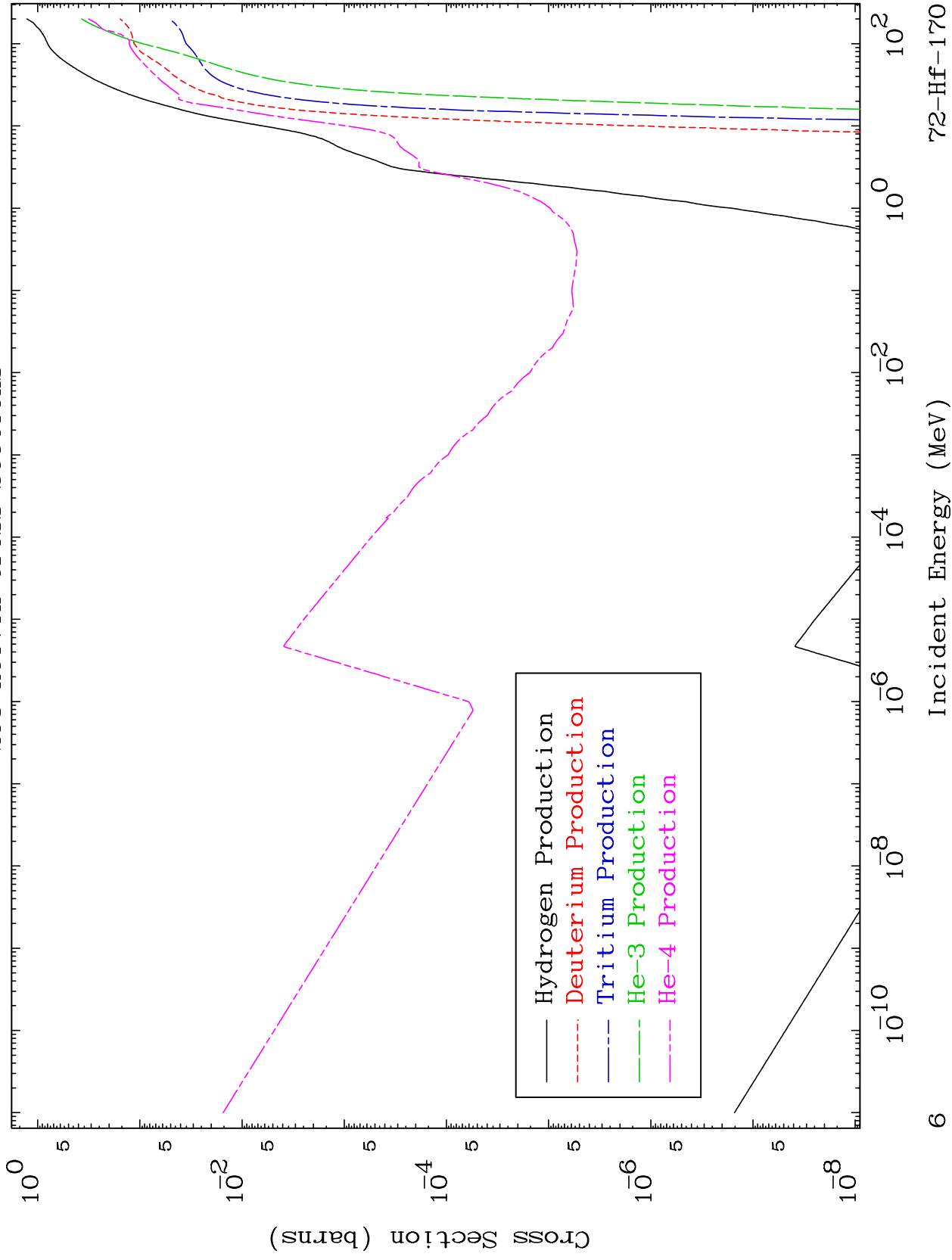
72-Hf-170



MAT 7213

Particle Production  
293 Kelvin Cross Sections

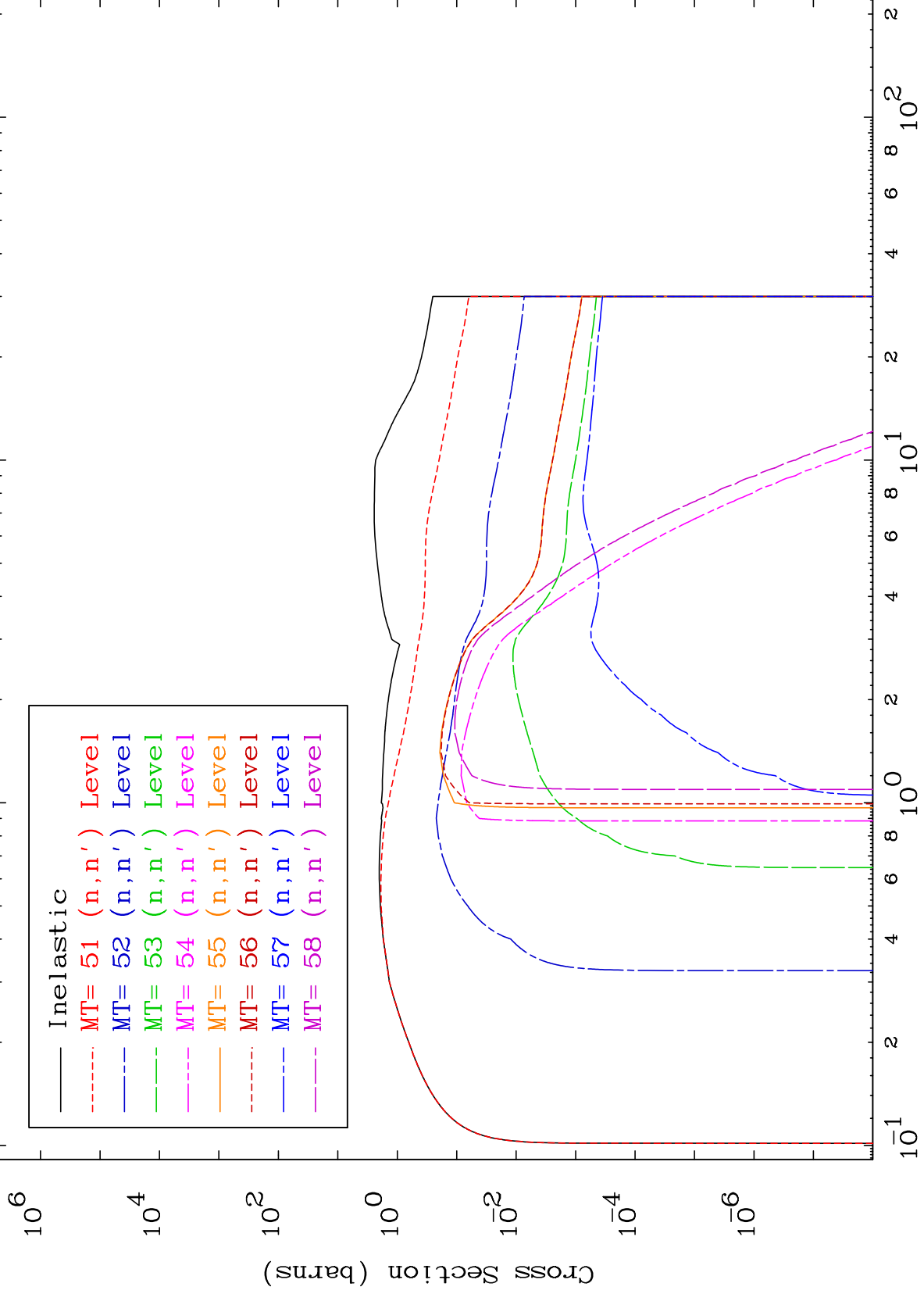
72-Hf-170



MAT 7213

(n,n') Level  
293 Kelvin Cross Sections

72-Hf-170



Incident Energy (MeV)

72-Hf-170

7

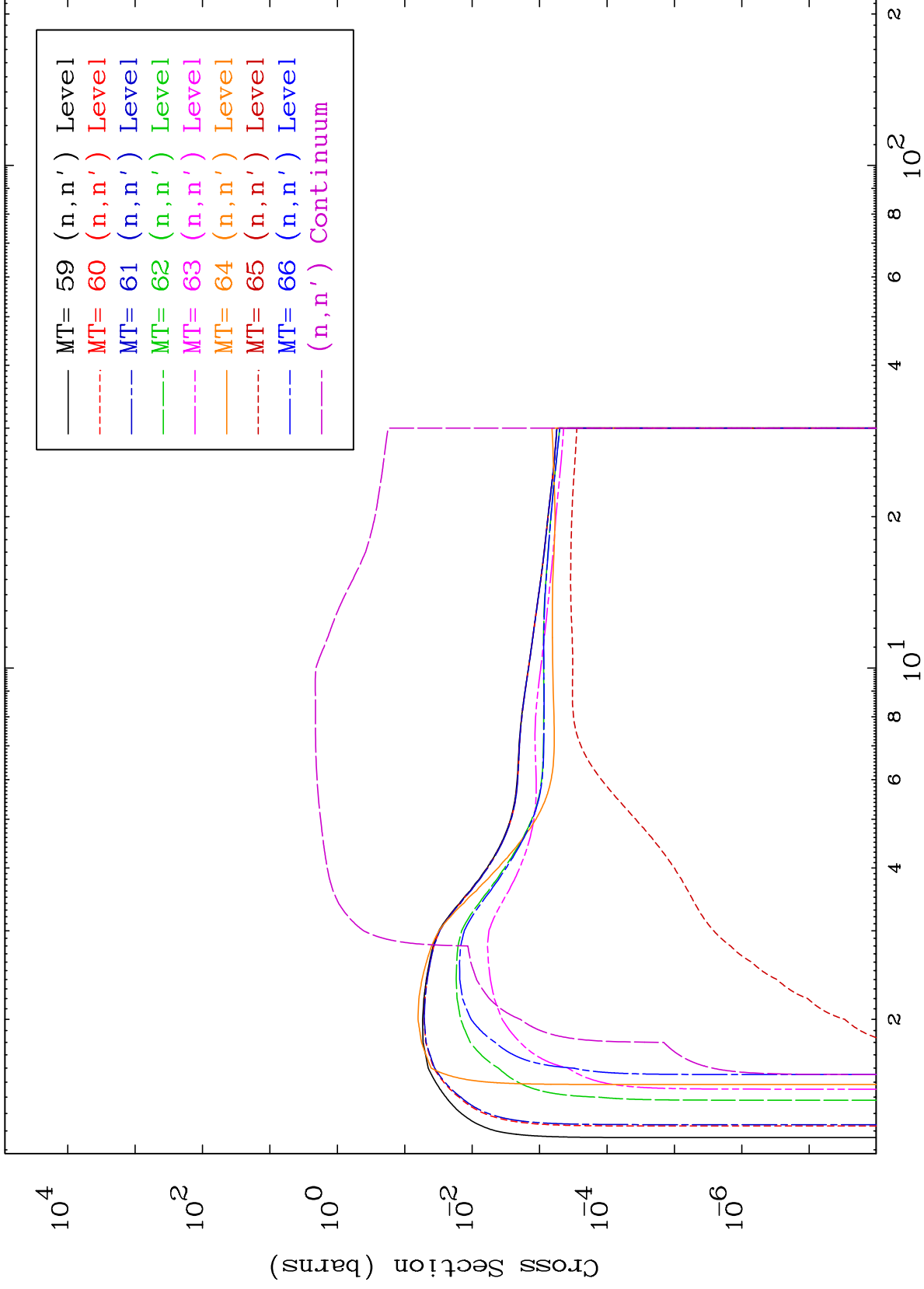


MAT 7213

(n,n') Level

72-Hf-170

293 Kelvin Cross Sections



8

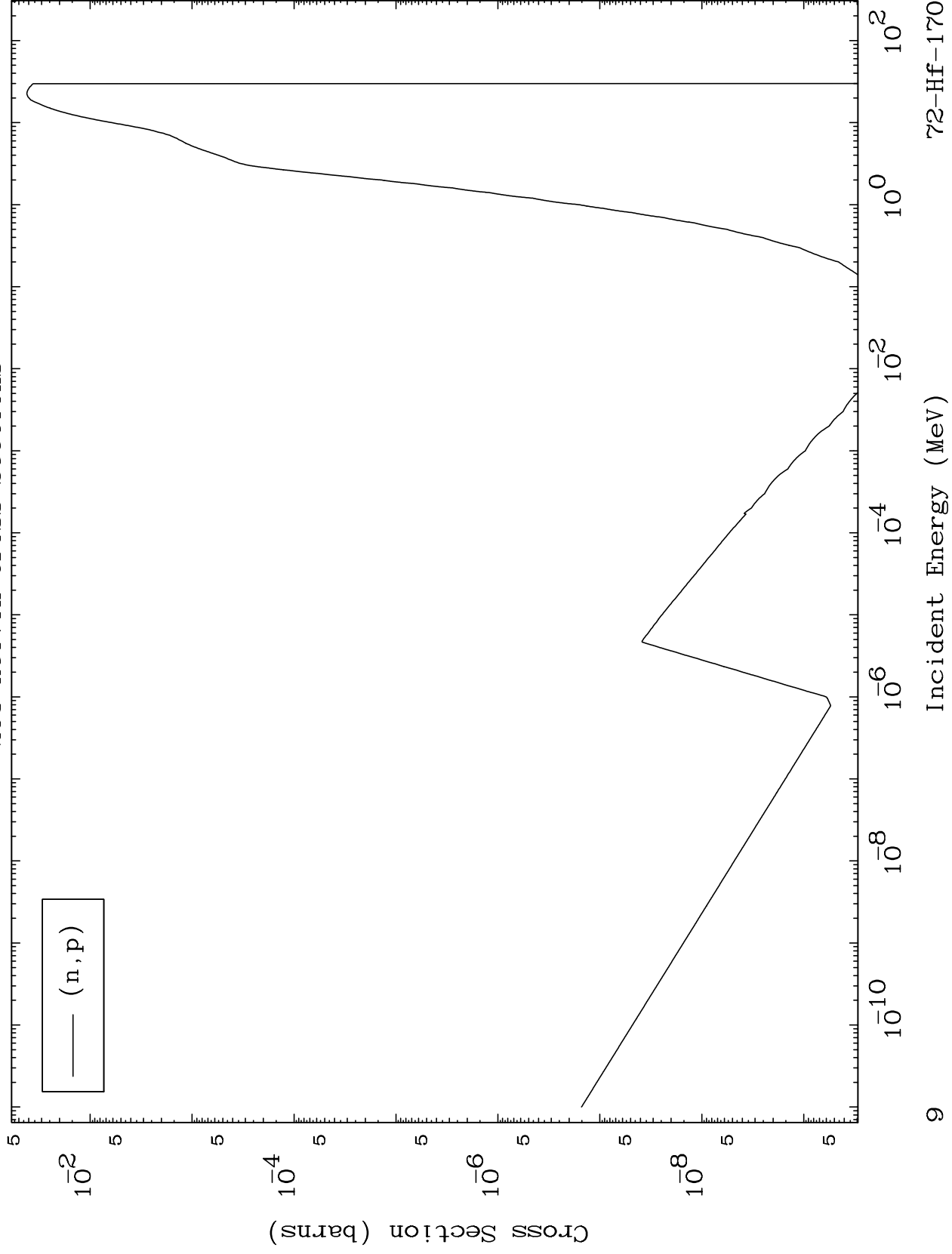
Incident Energy (MeV)

72-Hf-170

MAT 7213

(n,p) Levels  
293 Kelvin Cross Sections

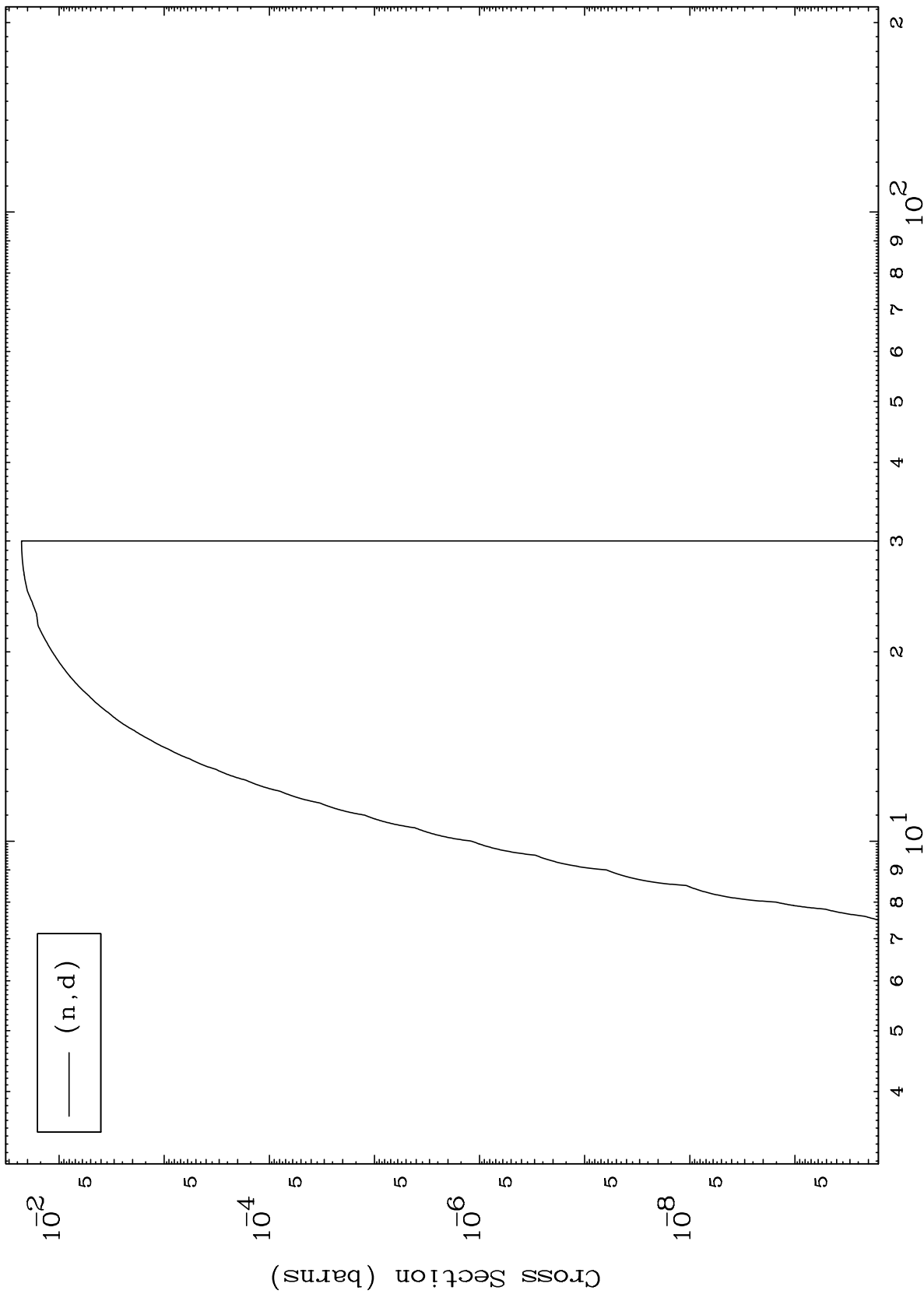
72-Hf-170



MAT 7213

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-170



10

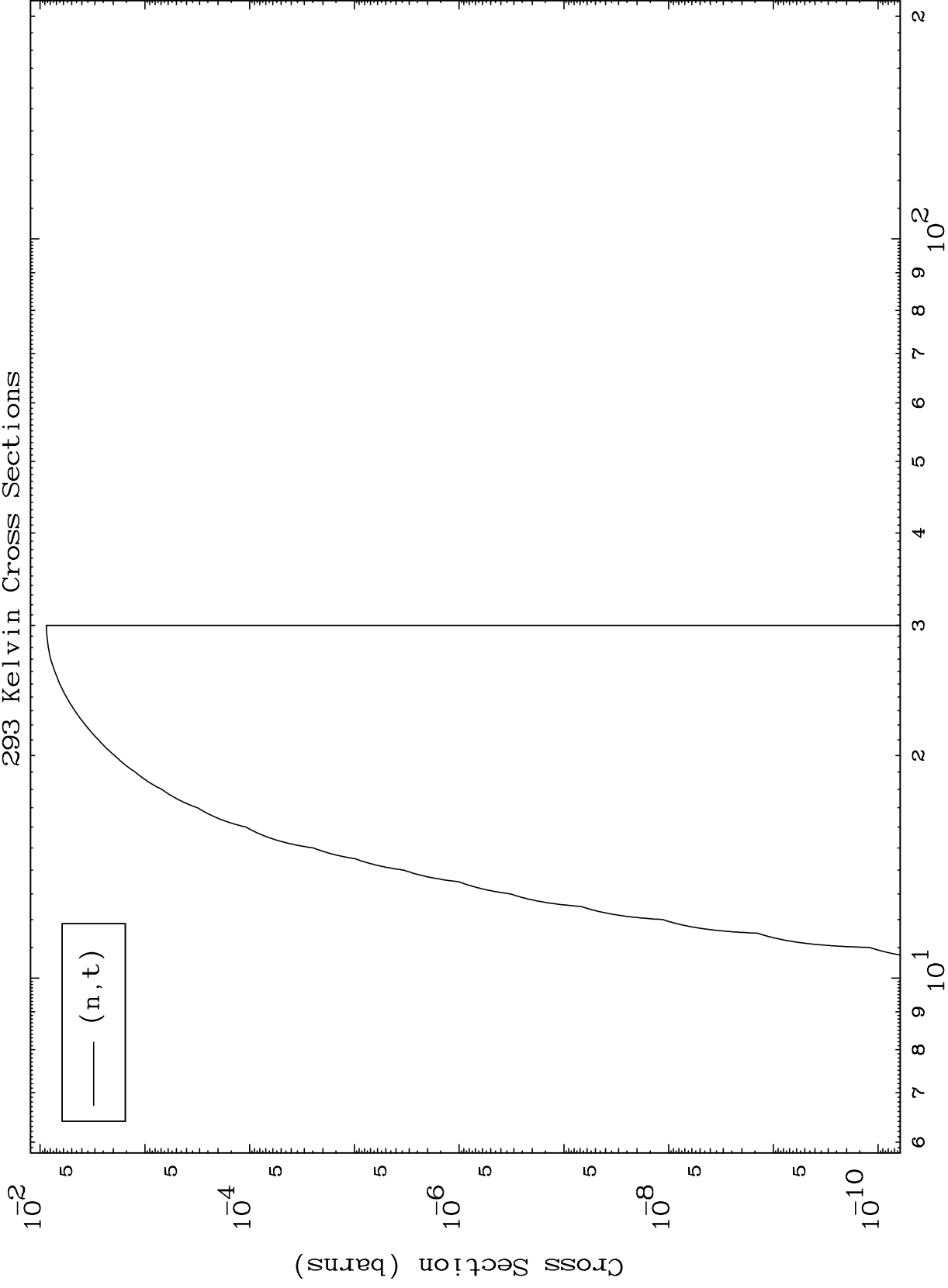
Incident Energy (MeV)

72-Hf-170

MAT 7213

(n,t) Levels  
293 Kelvin Cross Sections

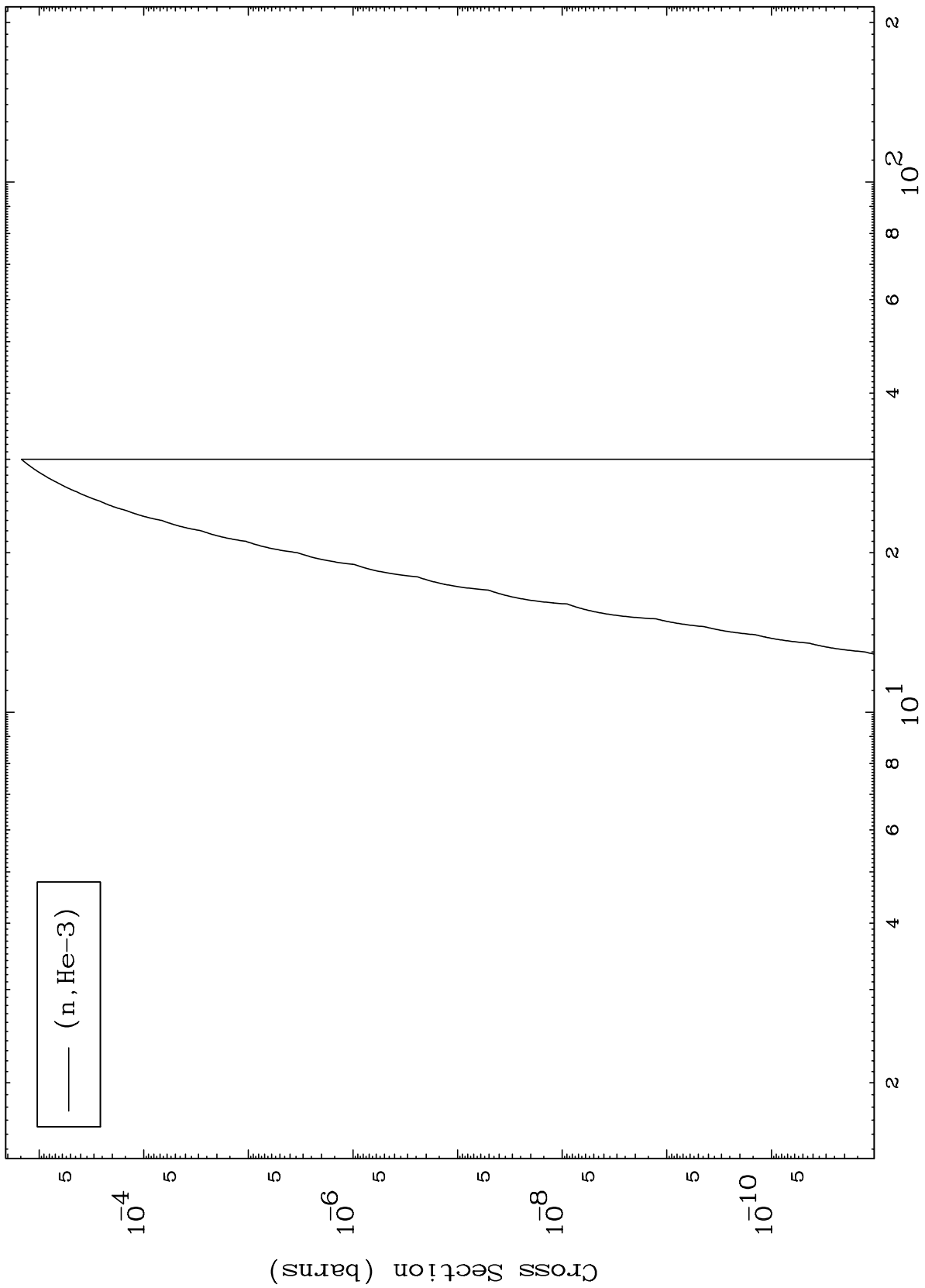
72-Hf-170



MAT 7213

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-170



12

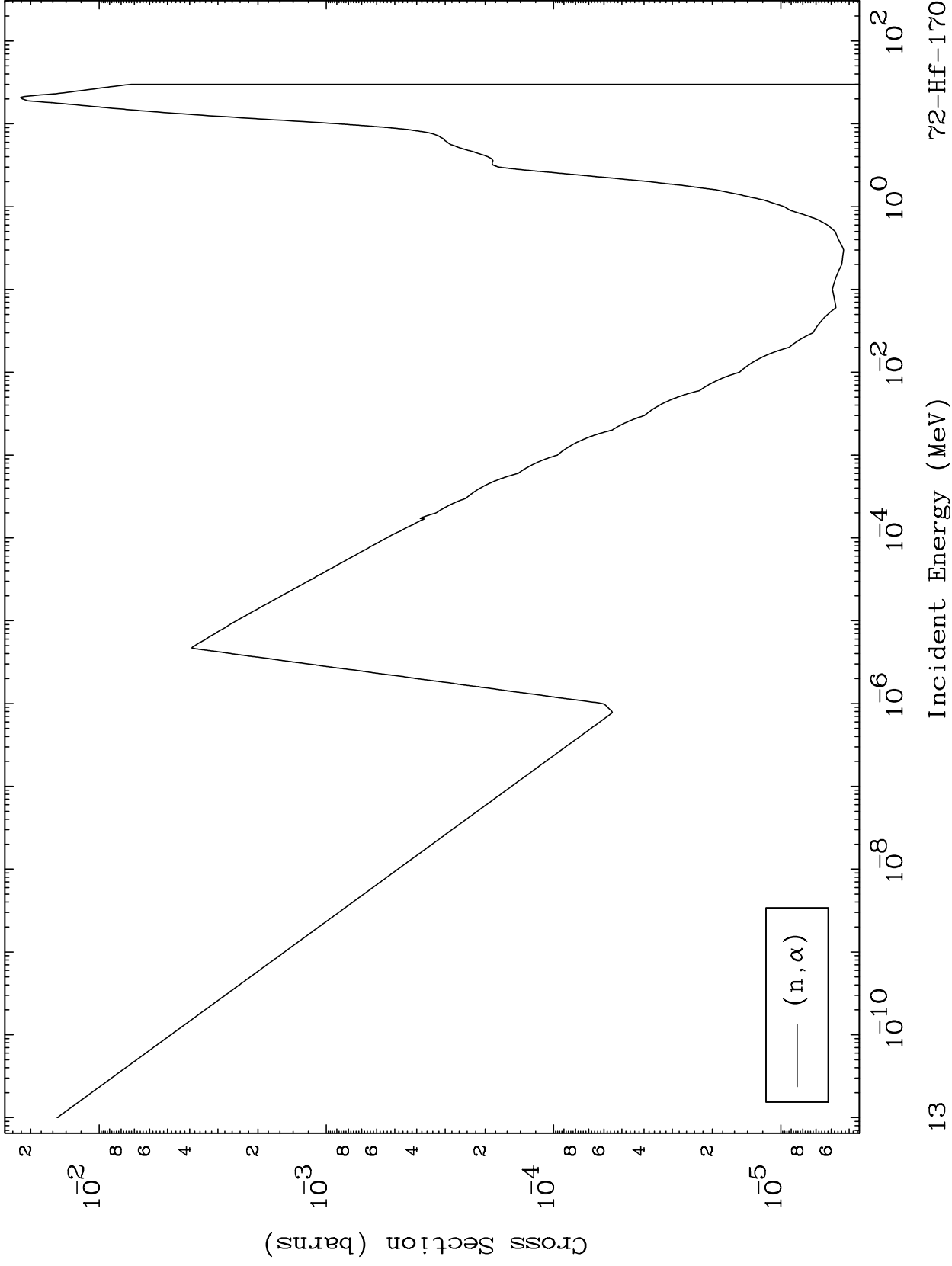
Incident Energy (MeV)

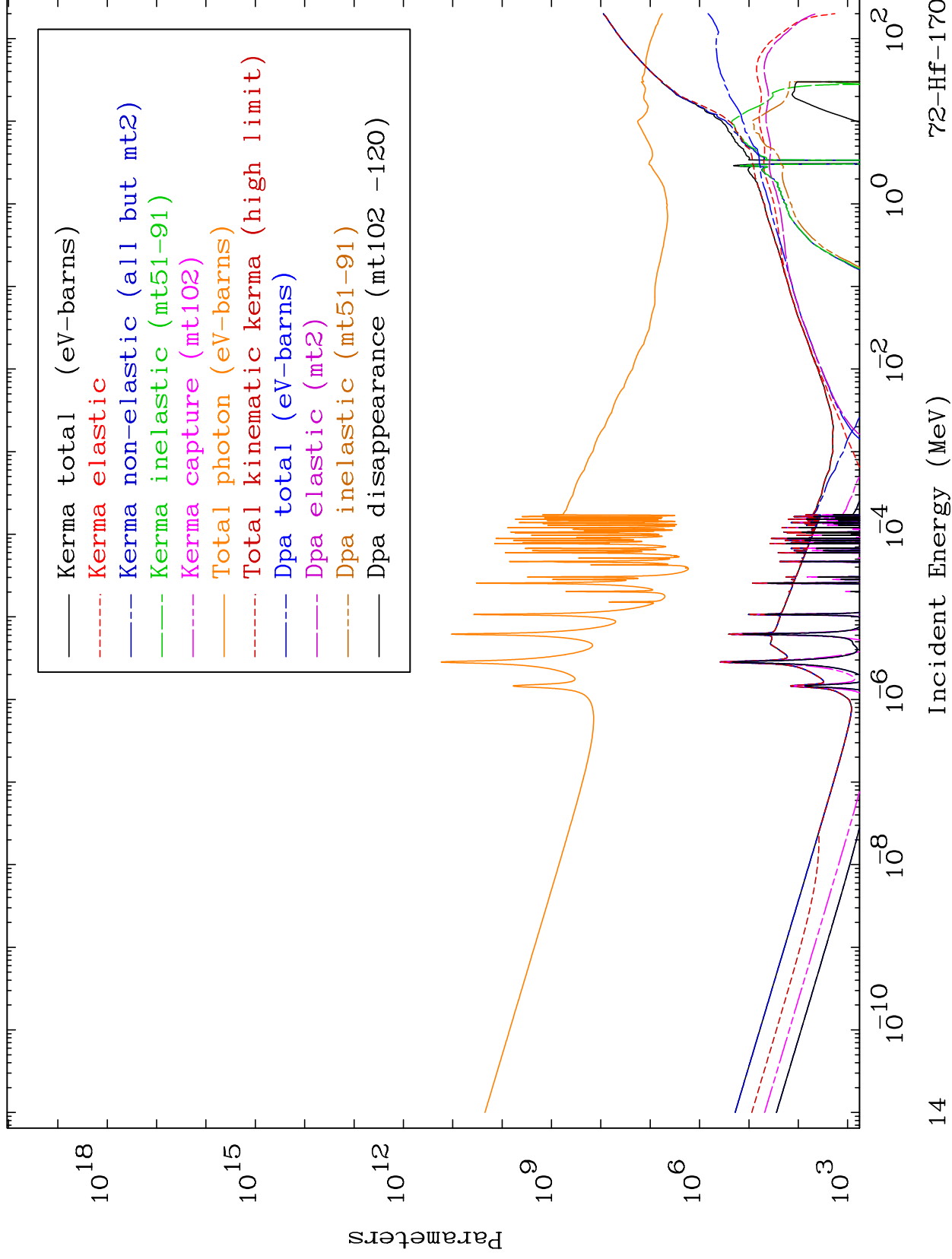
72-Hf-170

MAT 7213

(n,α) Levels  
293 Kelvin Cross Sections

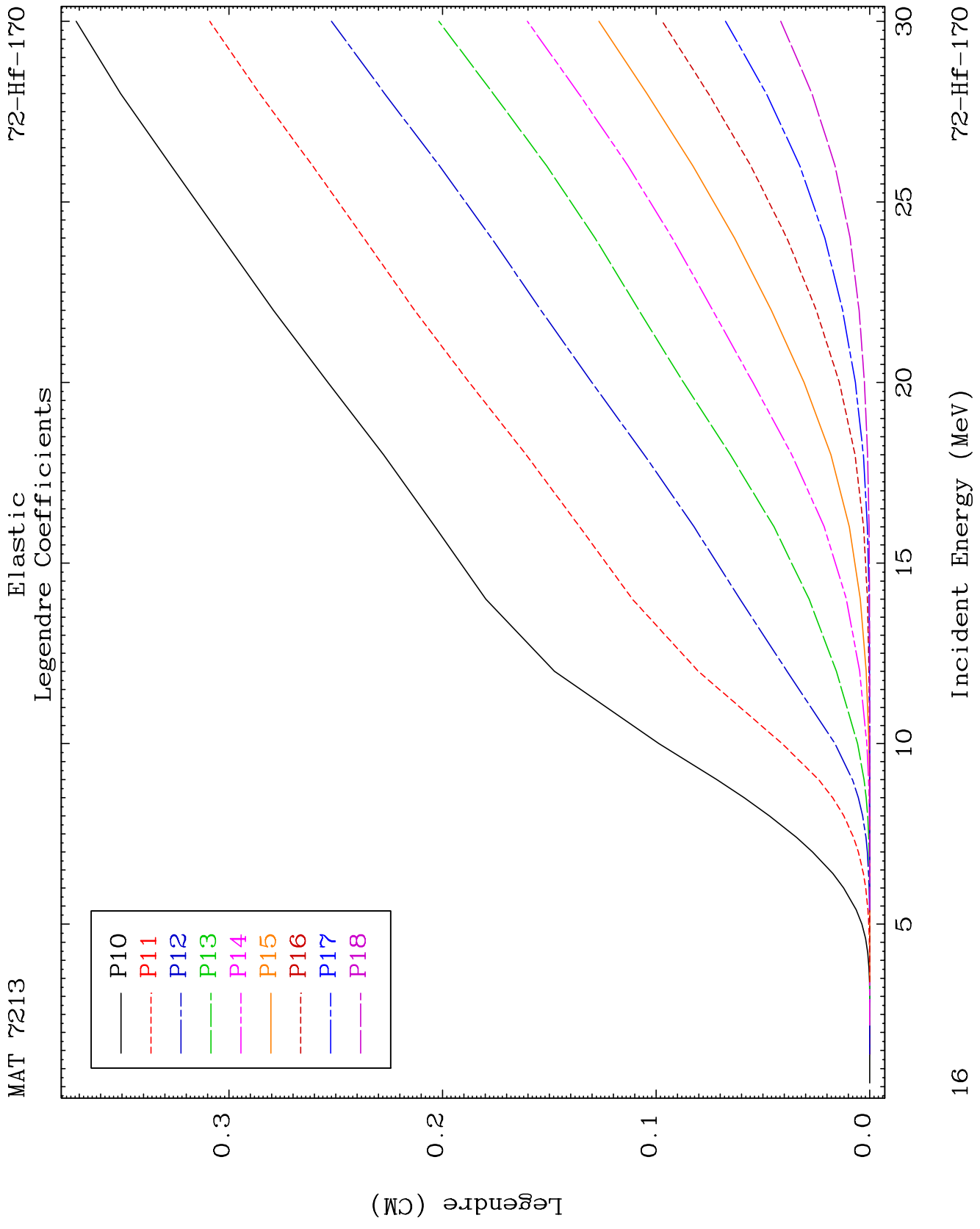
72-Hf-170







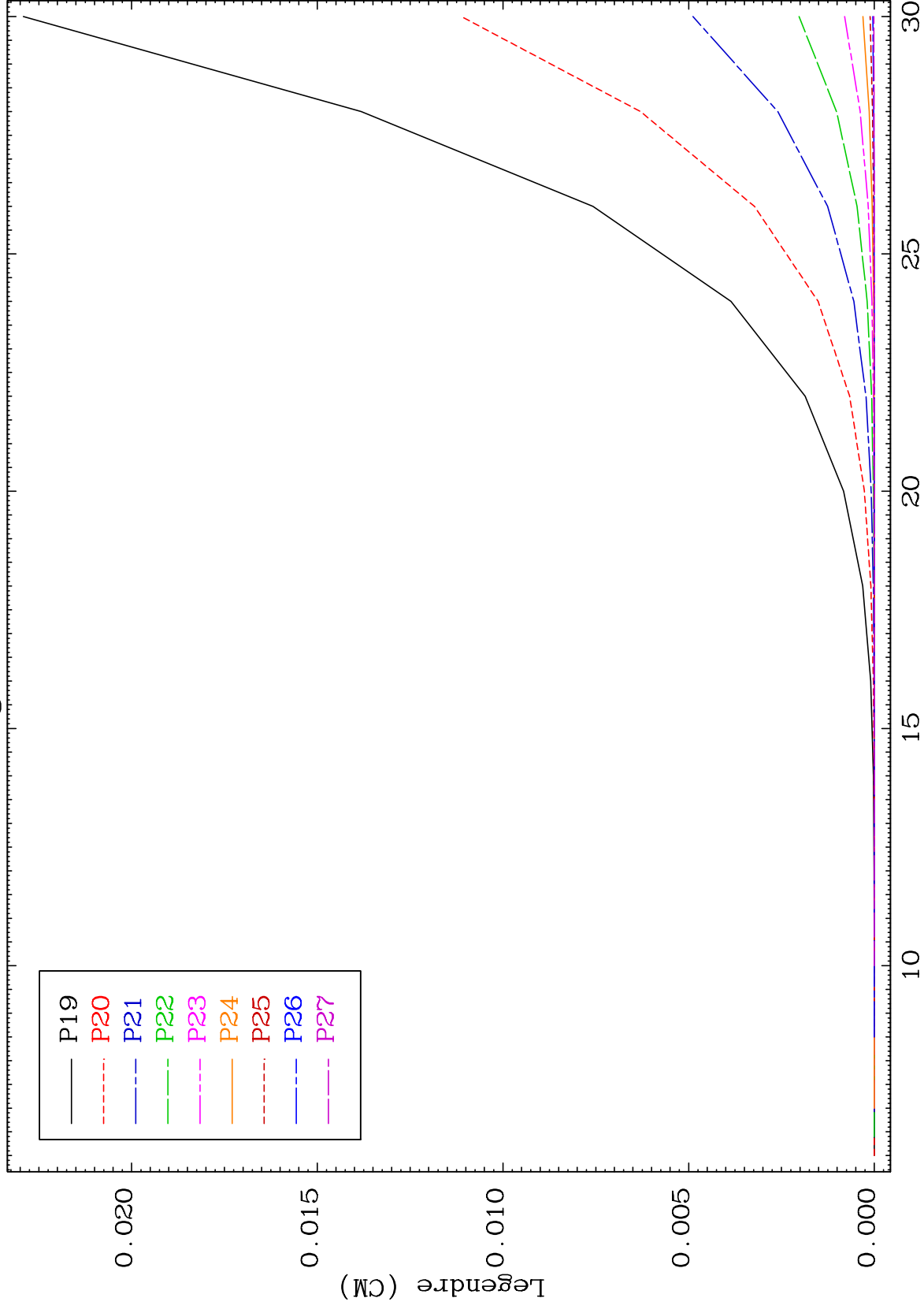




MAT 7213

### Elastic Legendre Coefficients

72-Hf-170



17

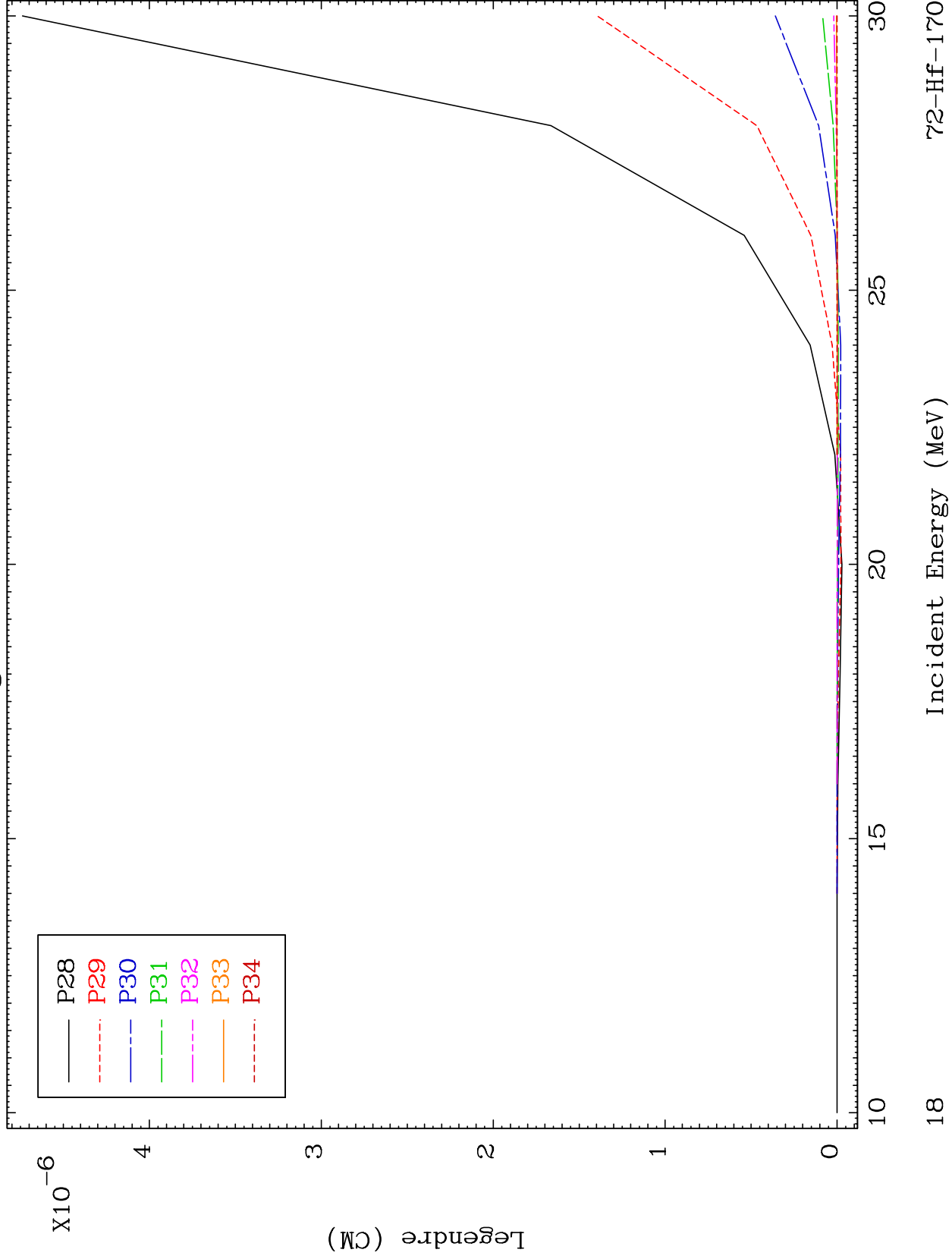
Incident Energy (MeV)

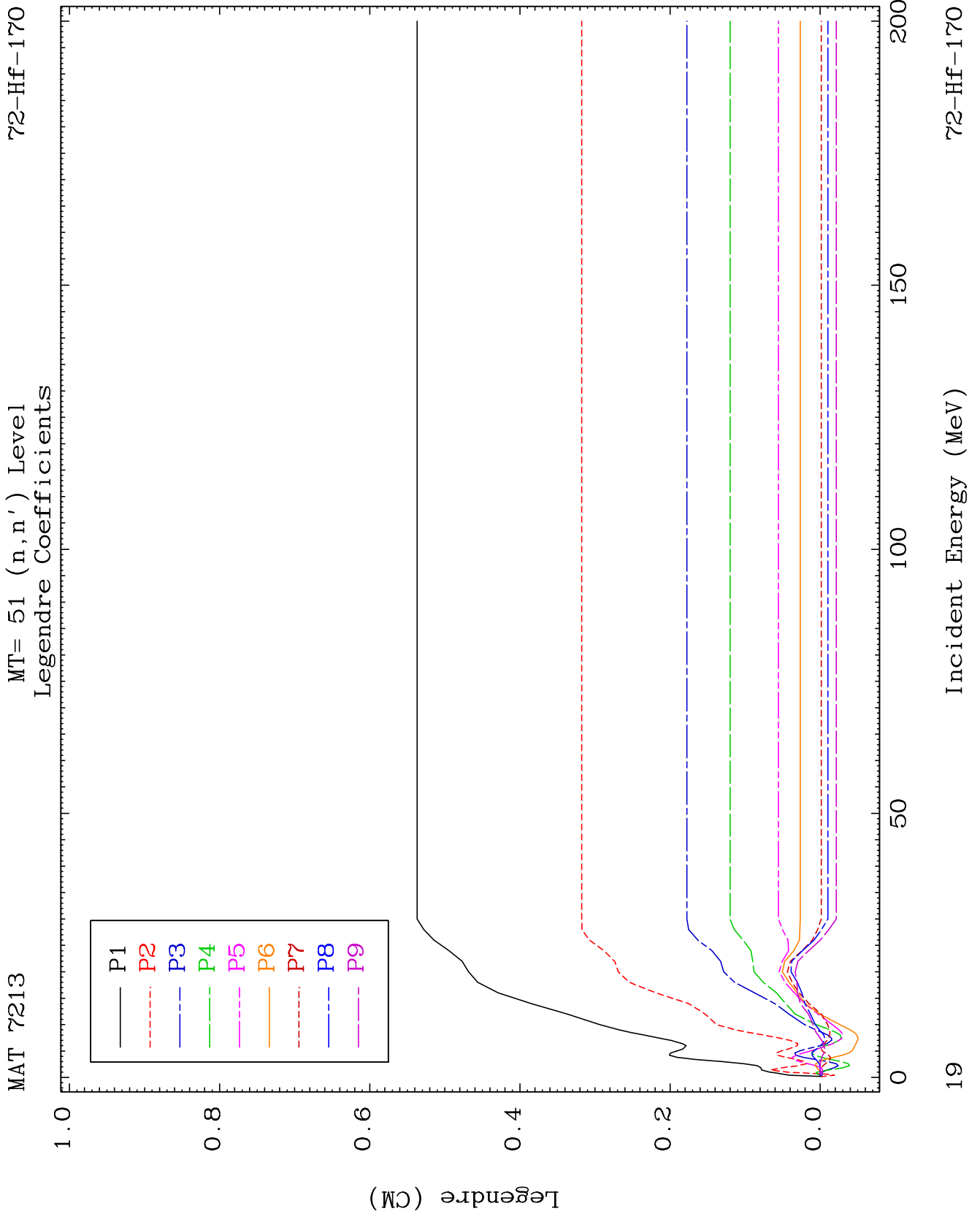
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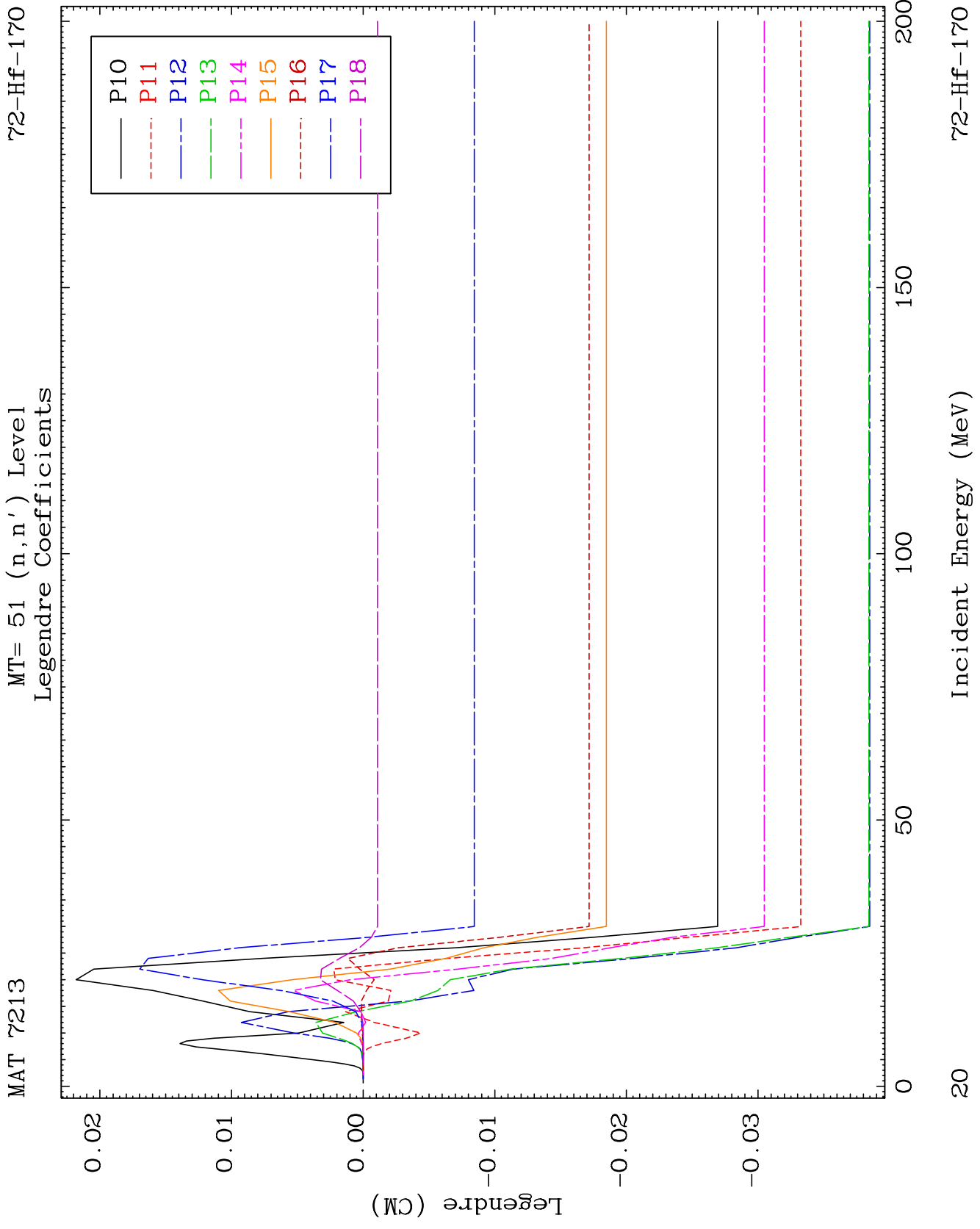
MAT 7213

Elastic  
Legendre Coefficients

72-Hf-170



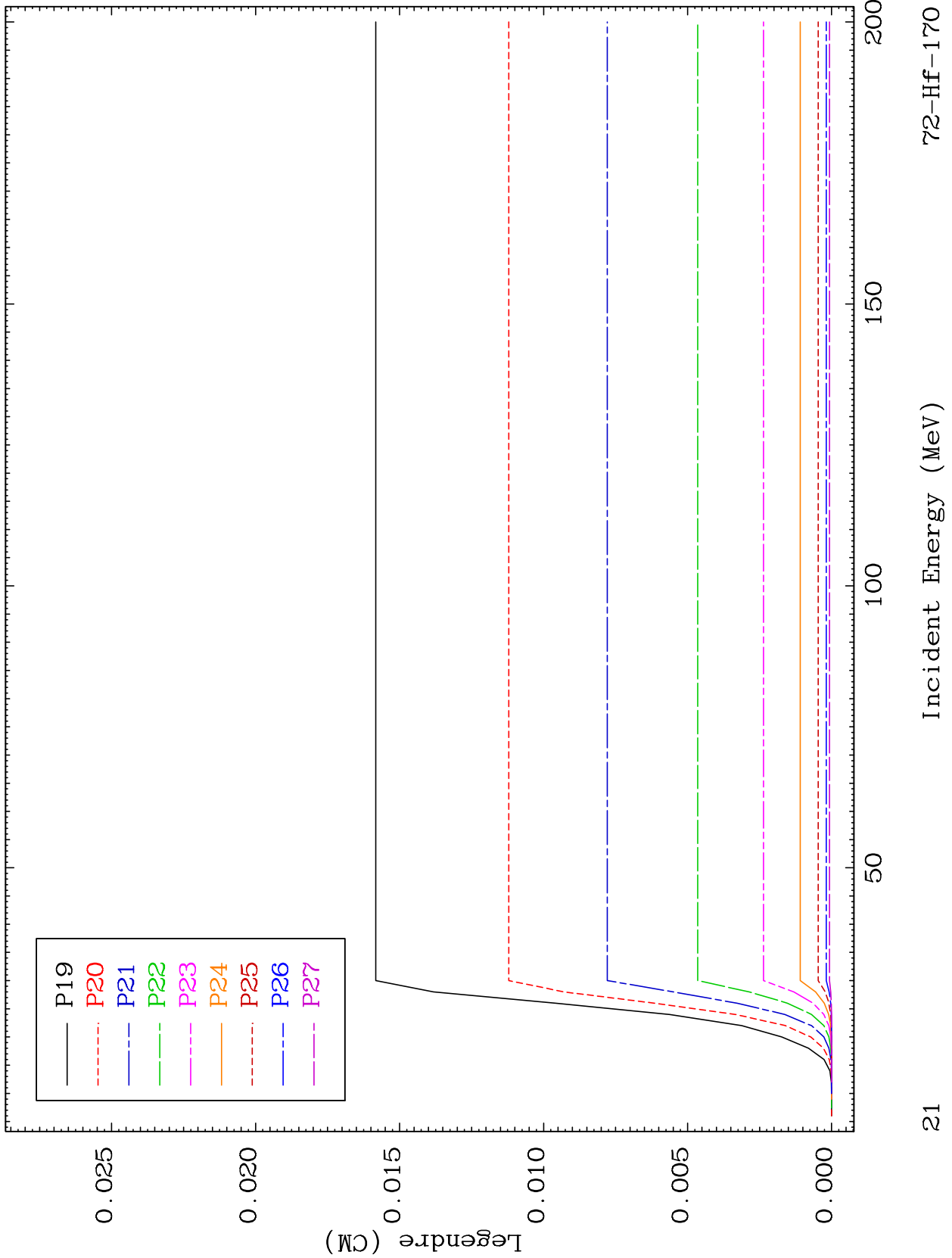




MAT 7213

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

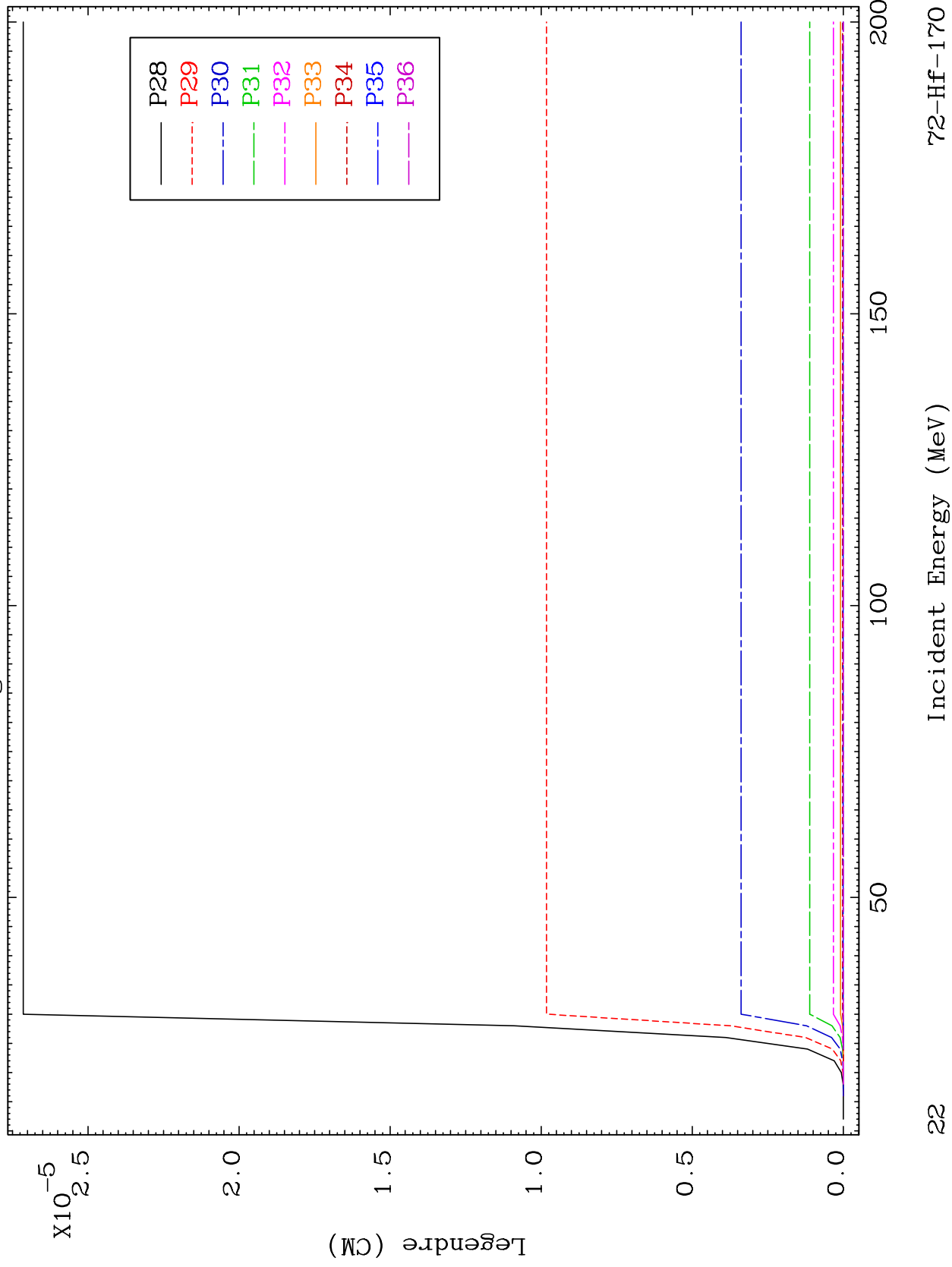
72-Hf-170



MAT 7213

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

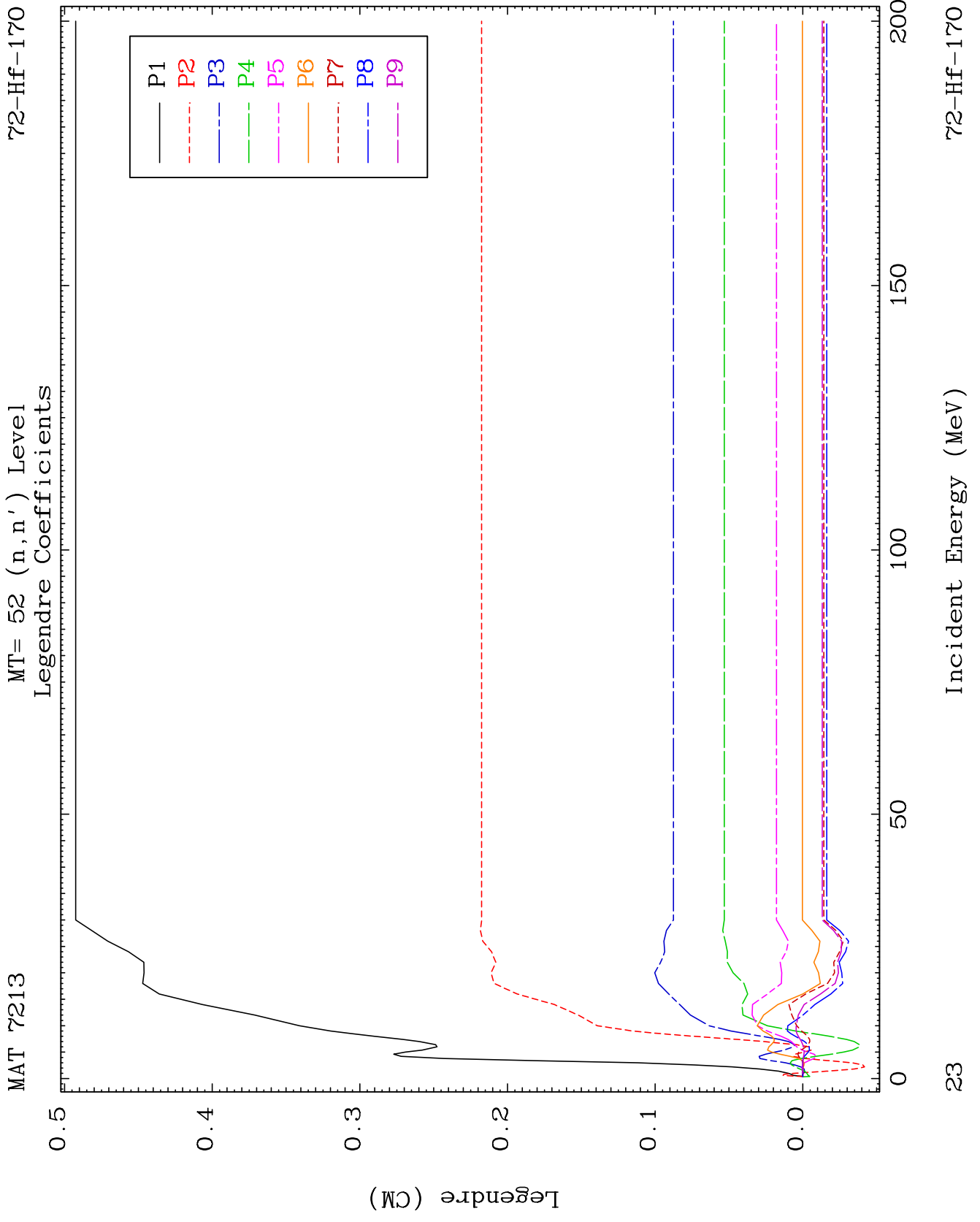
72-Hf-170



22

Incident Energy (MeV)

72-Hf-170

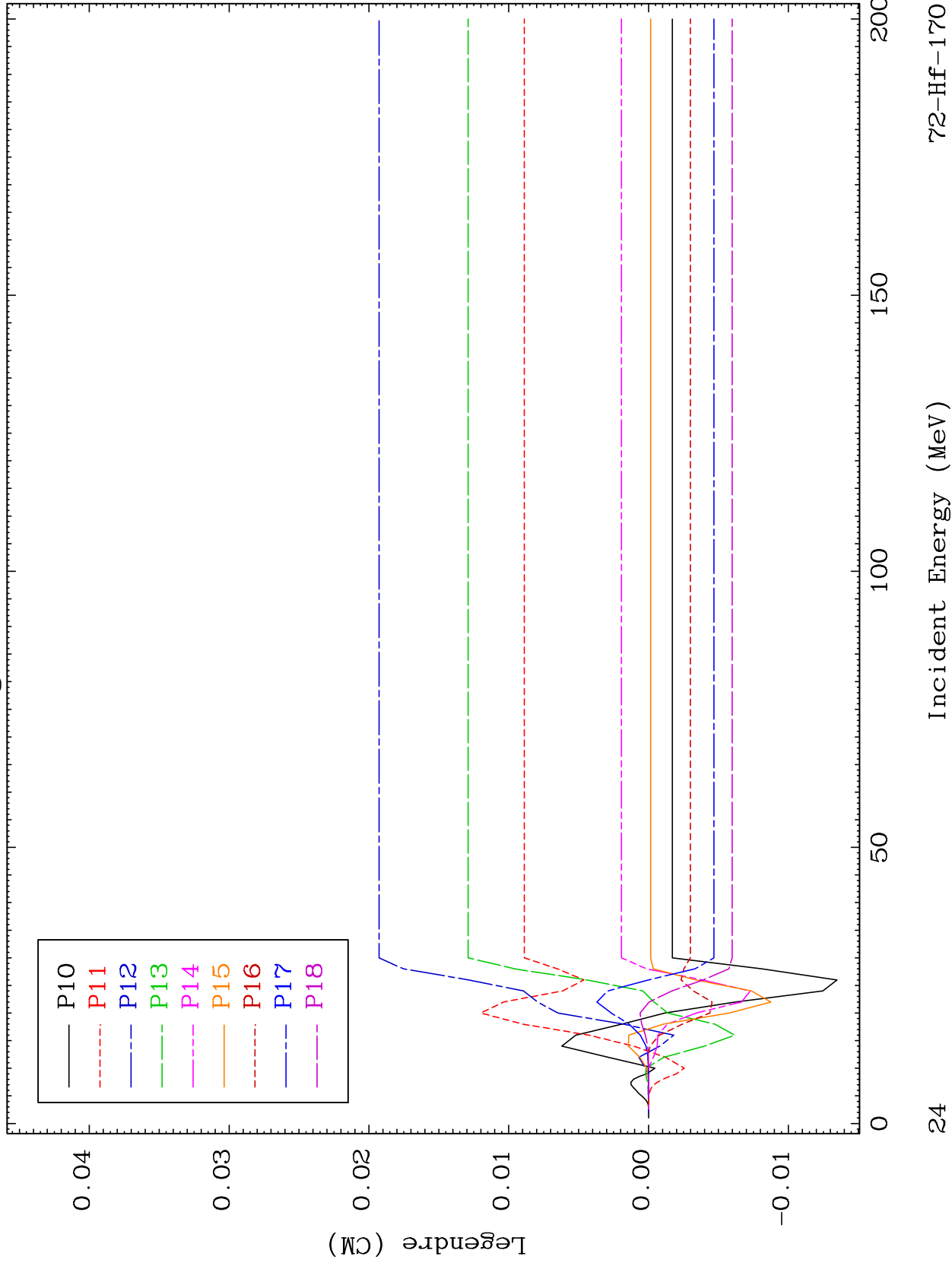




MAT 7213

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

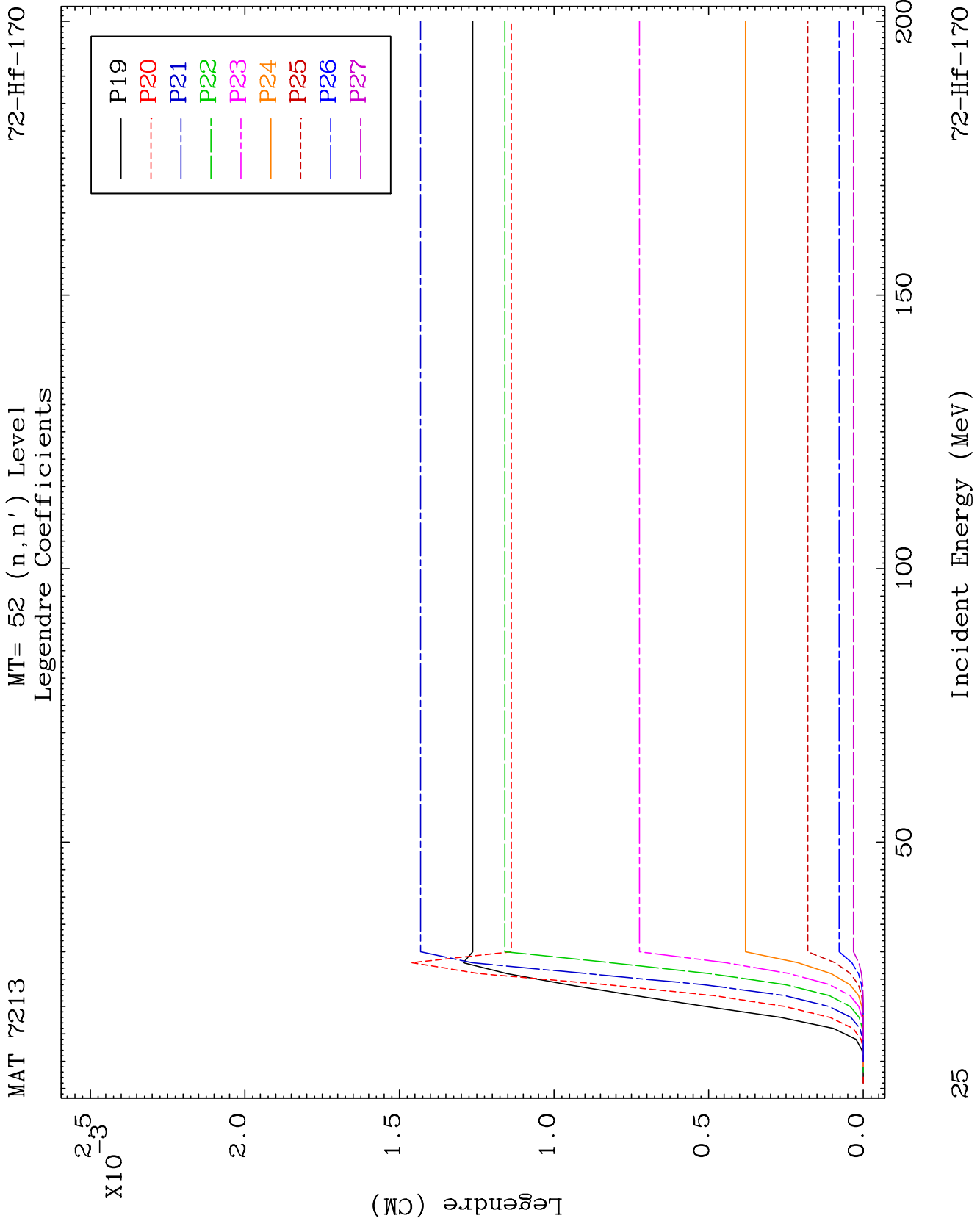
72-Hf-170



24

Incident Energy (MeV)

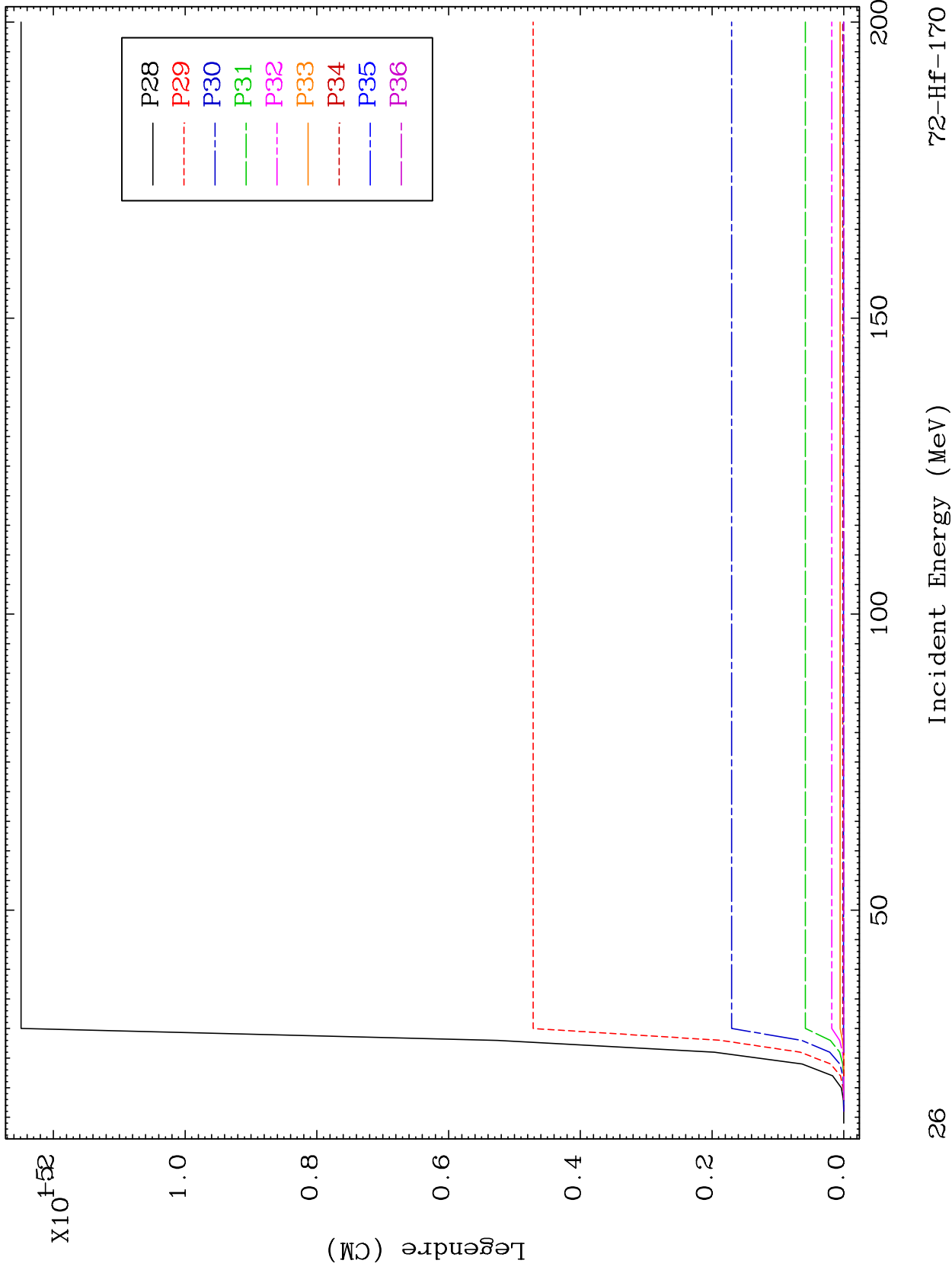
72-Hf-170



MAT 7213

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

72-Hf-170

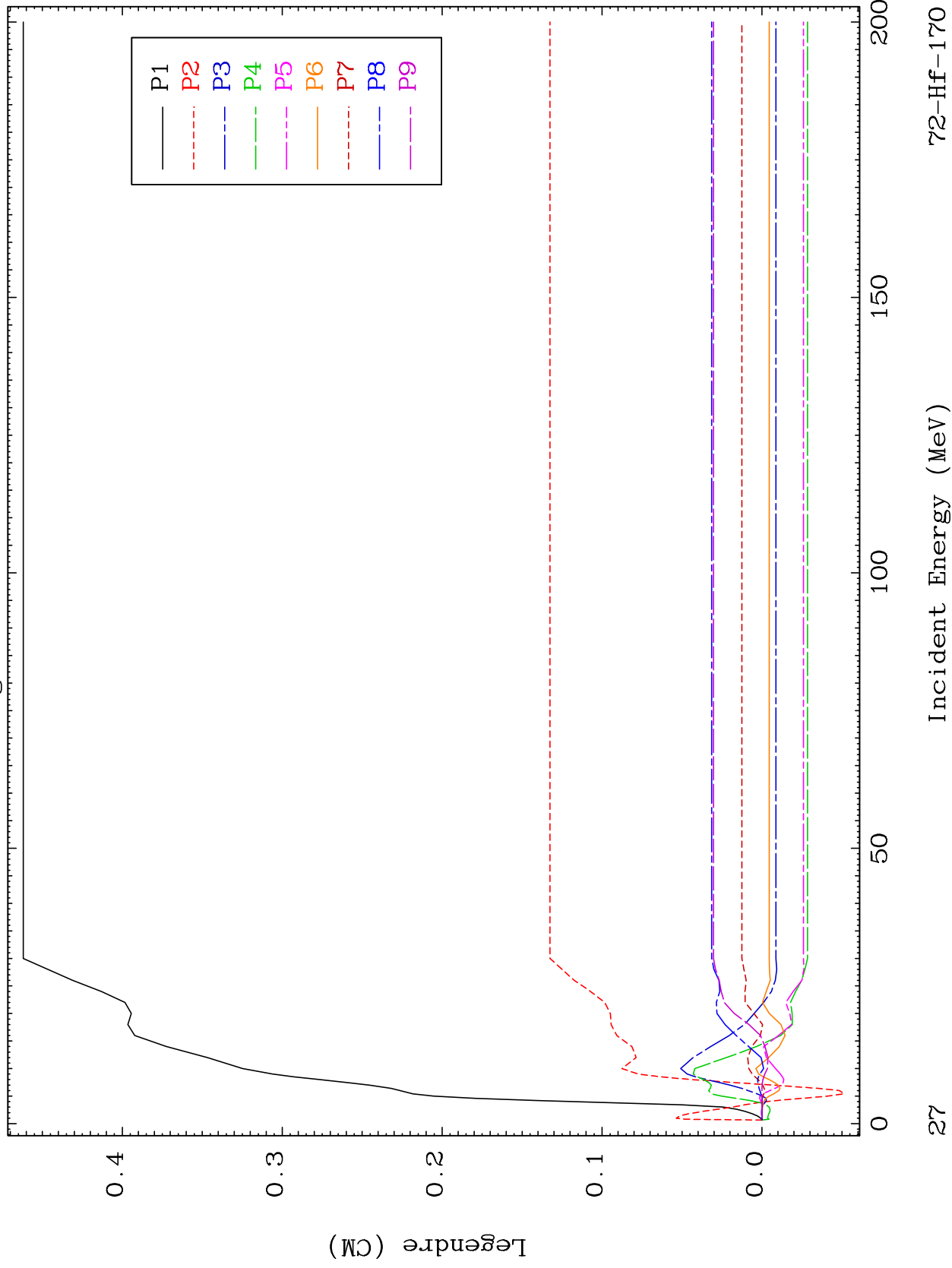


26

MAT 7213

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

72-Hf-170



27

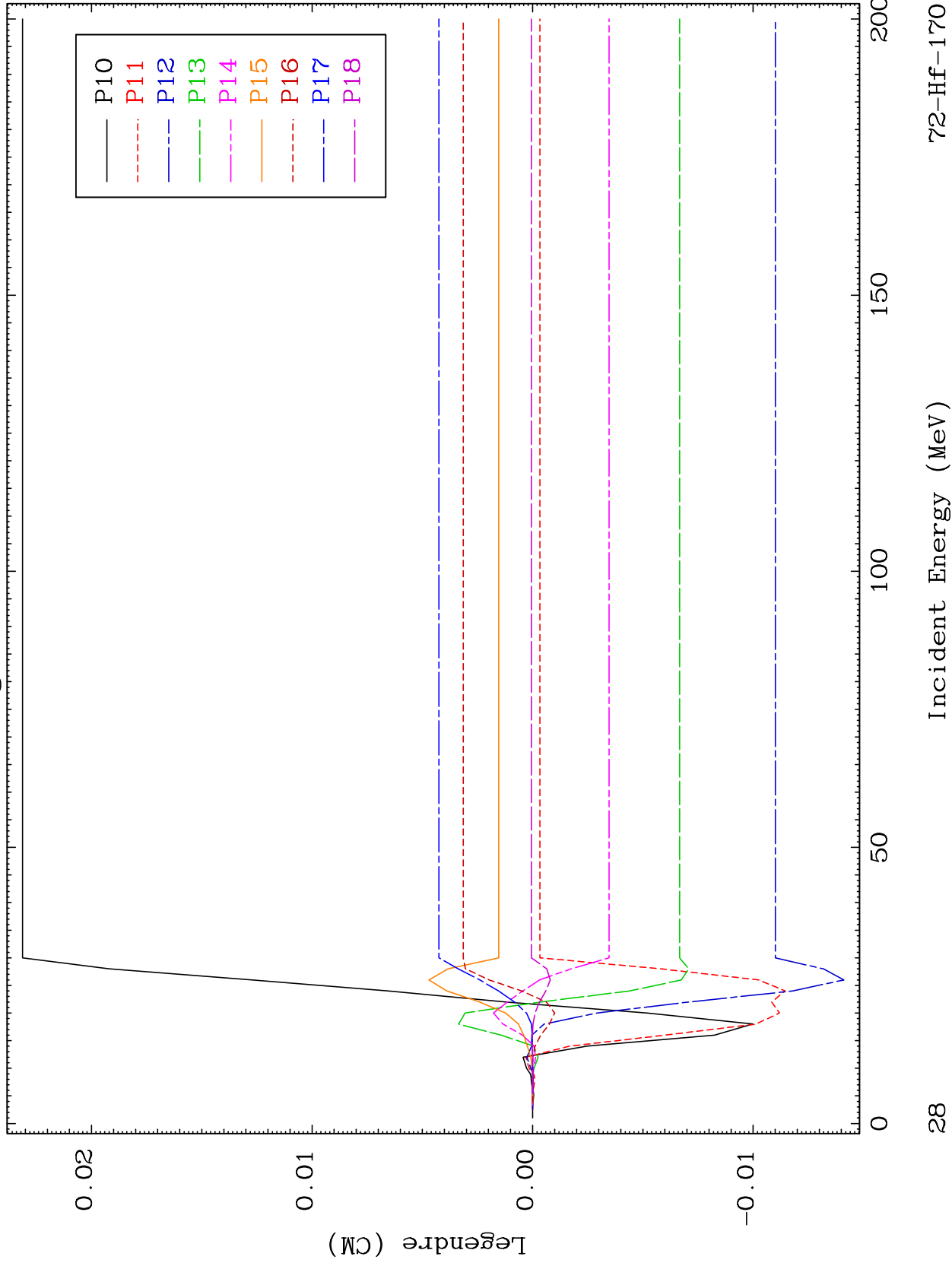
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

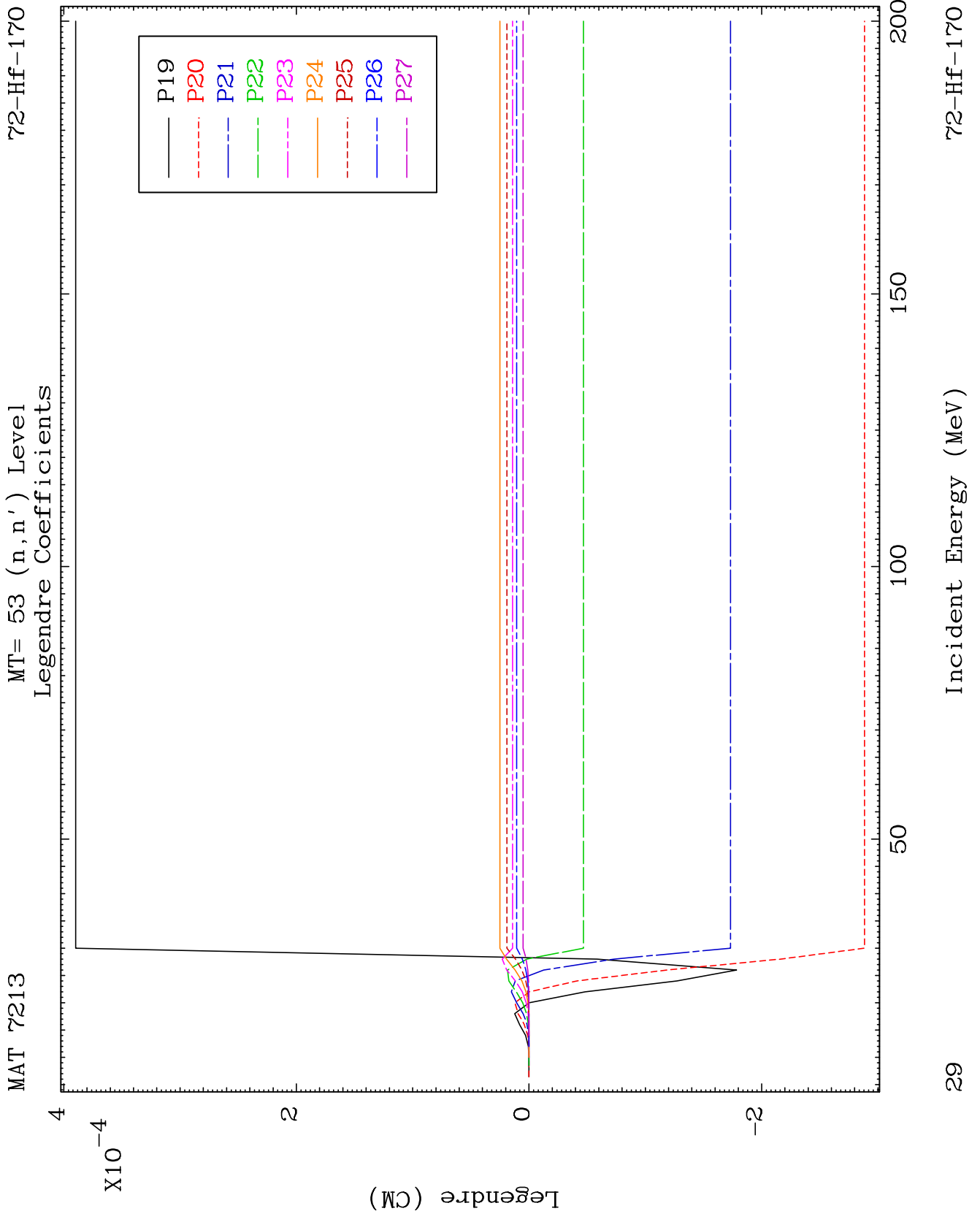
72-Hf-170



72-Hf-170

Incident Energy (MeV)

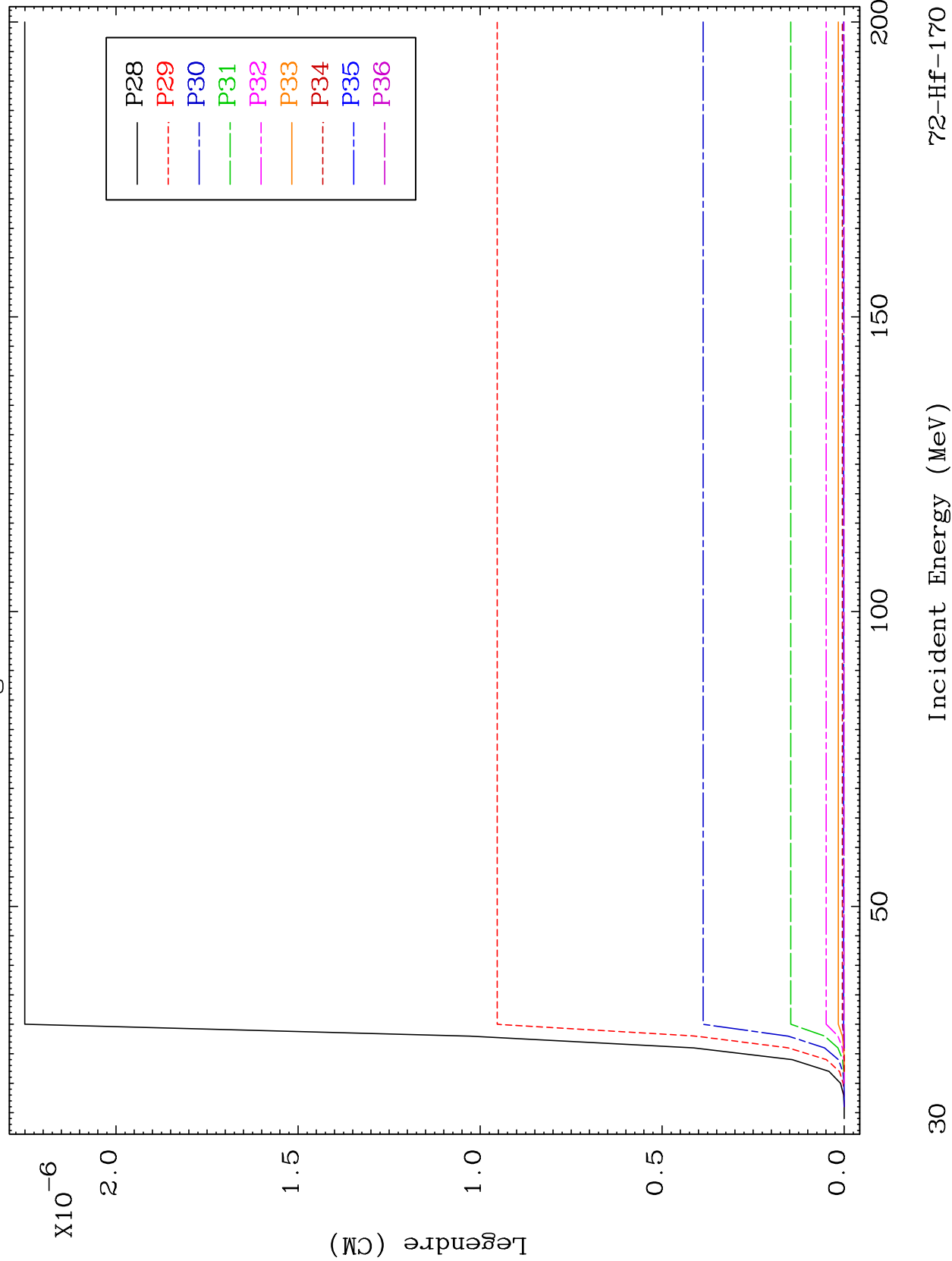
28

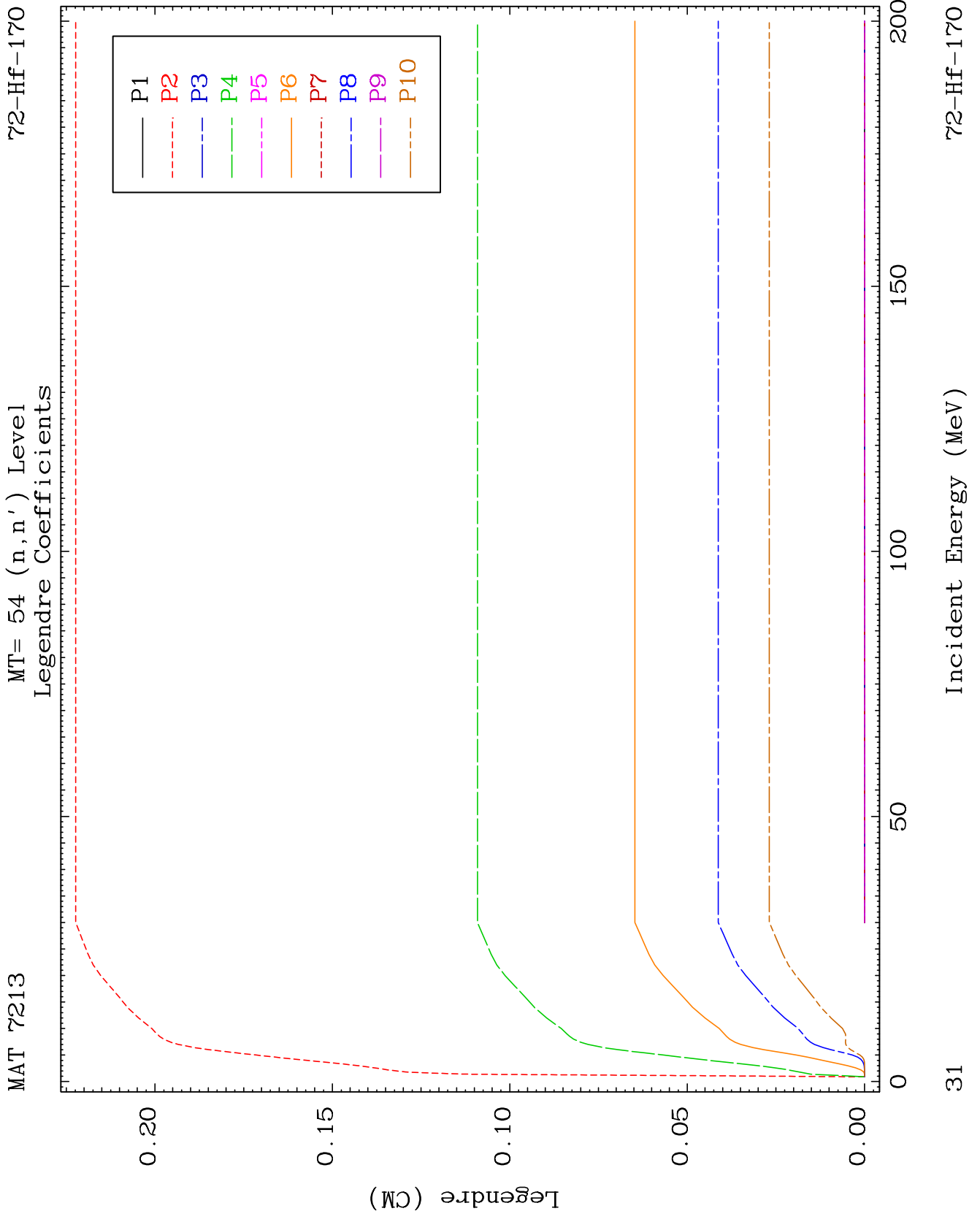


MAT 7213

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

72-Hf-170



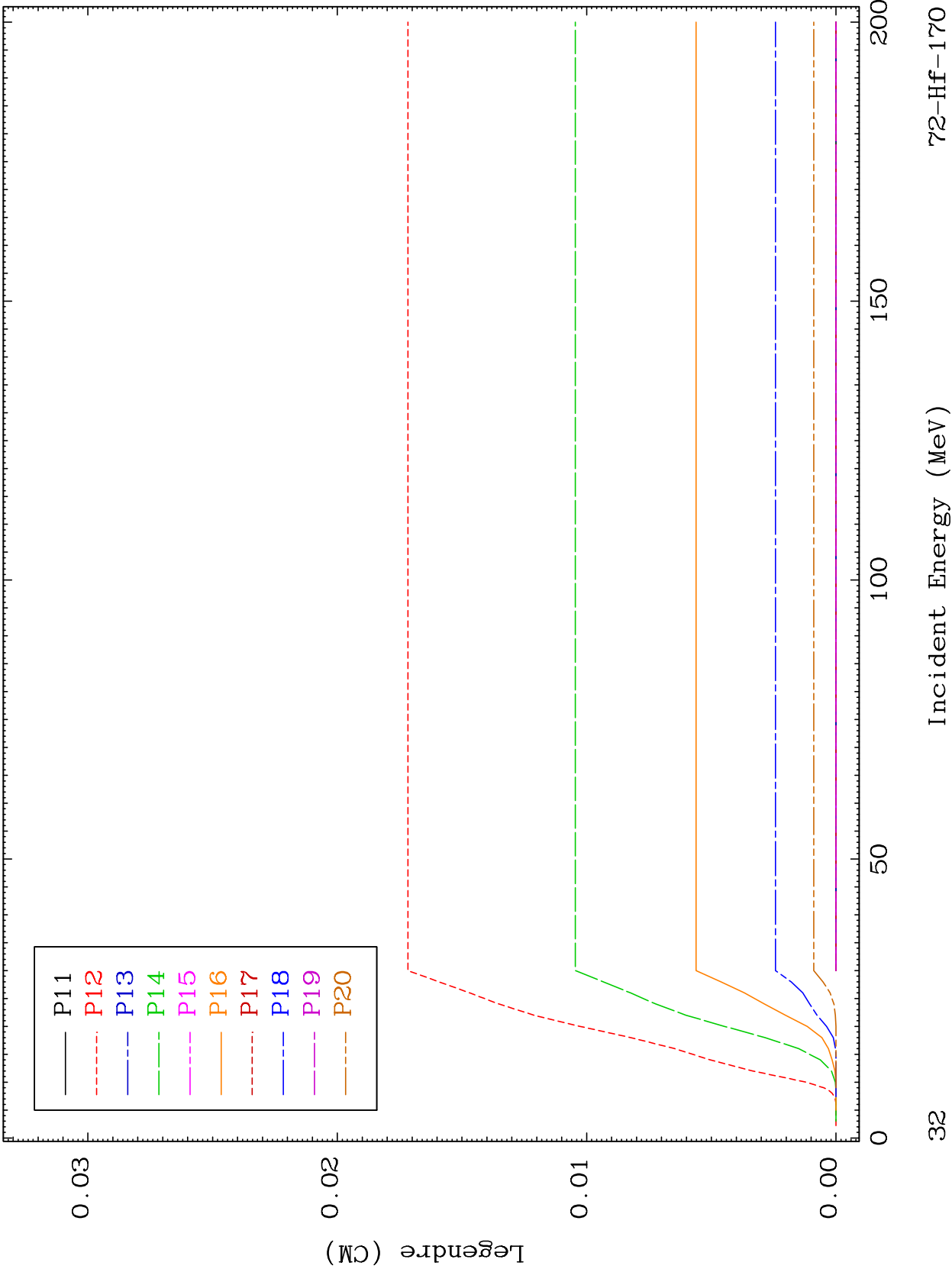




MAT 7213

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

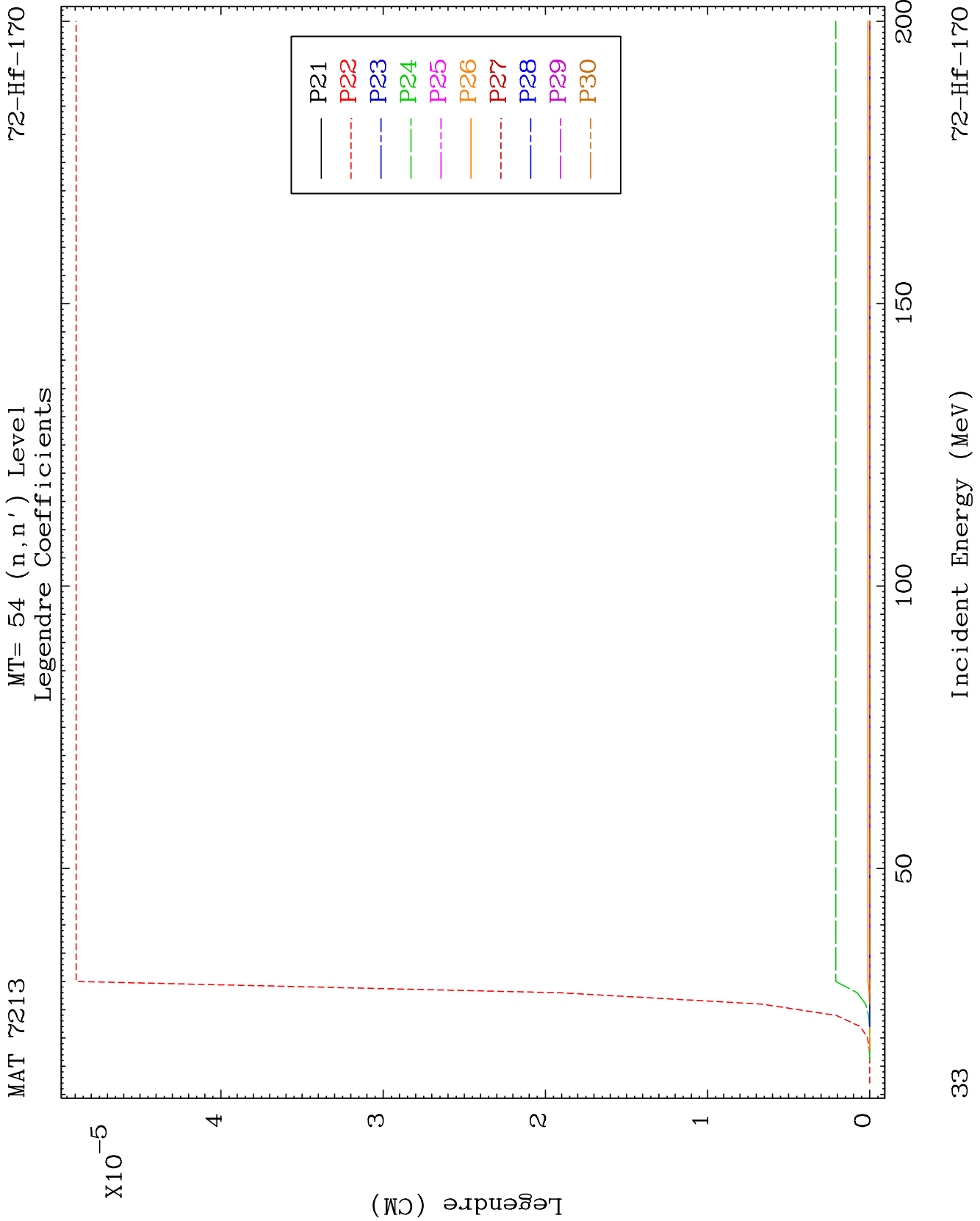
72-Hf-170



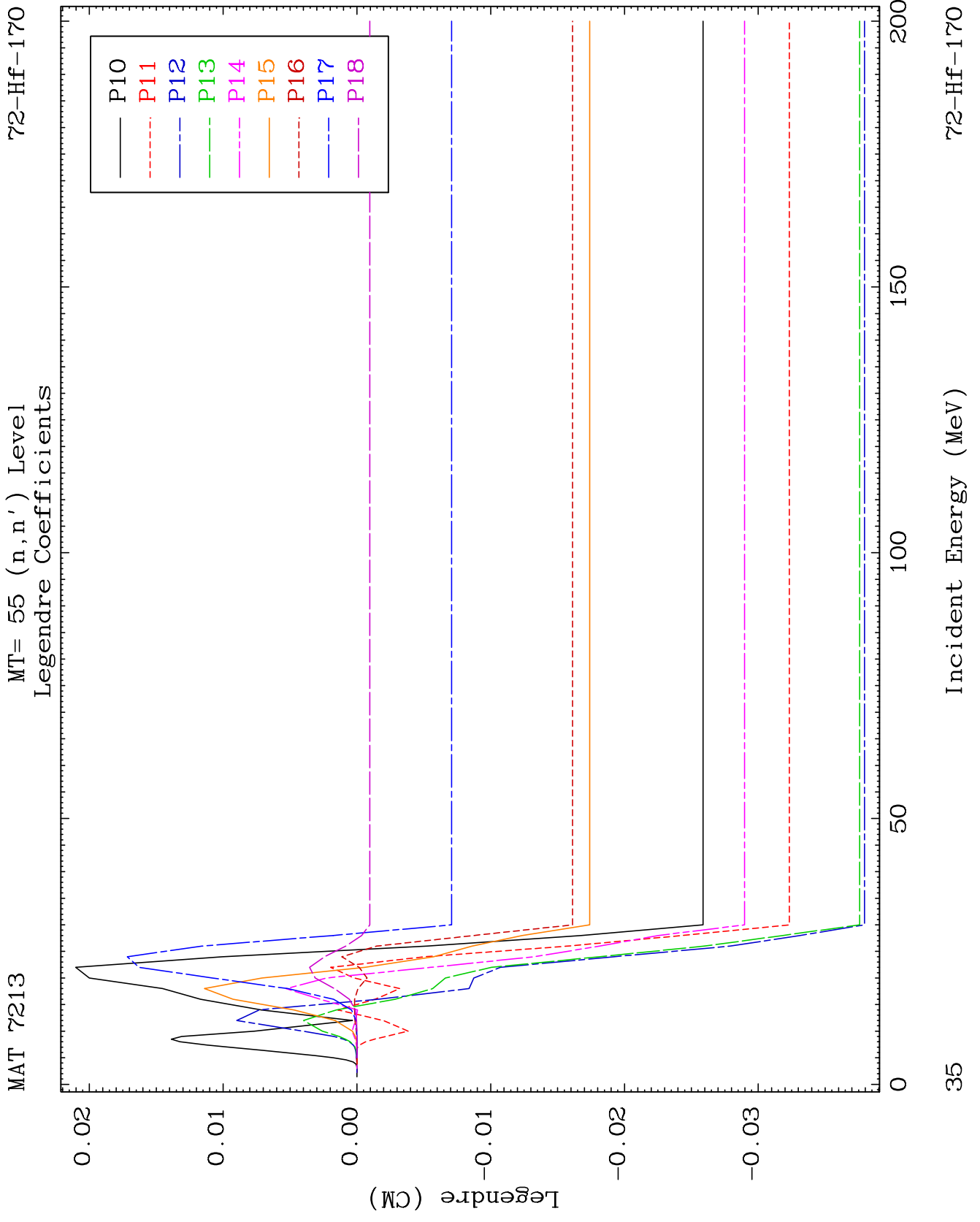
32

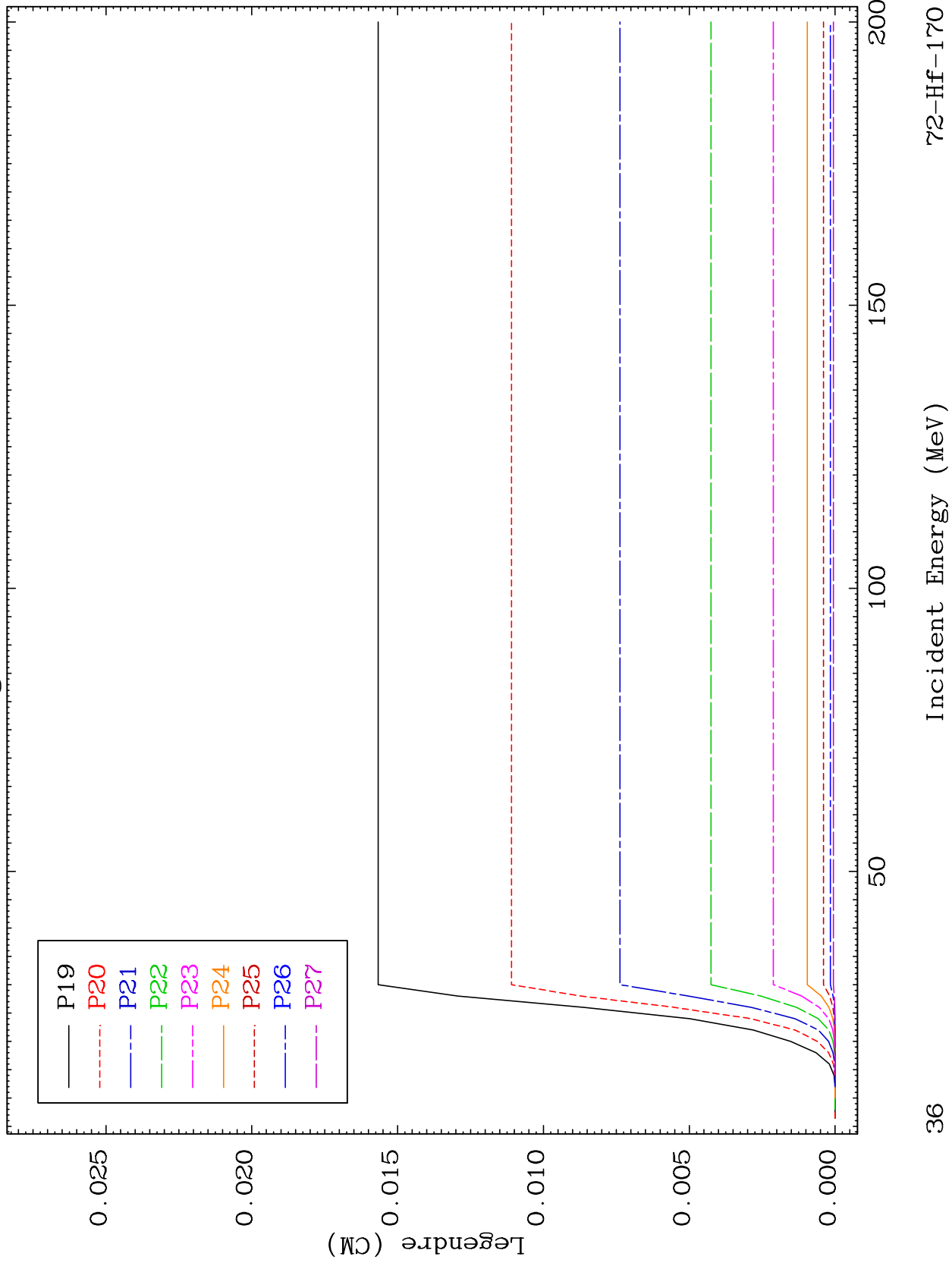
Incident Energy (MeV)

72-Hf-170





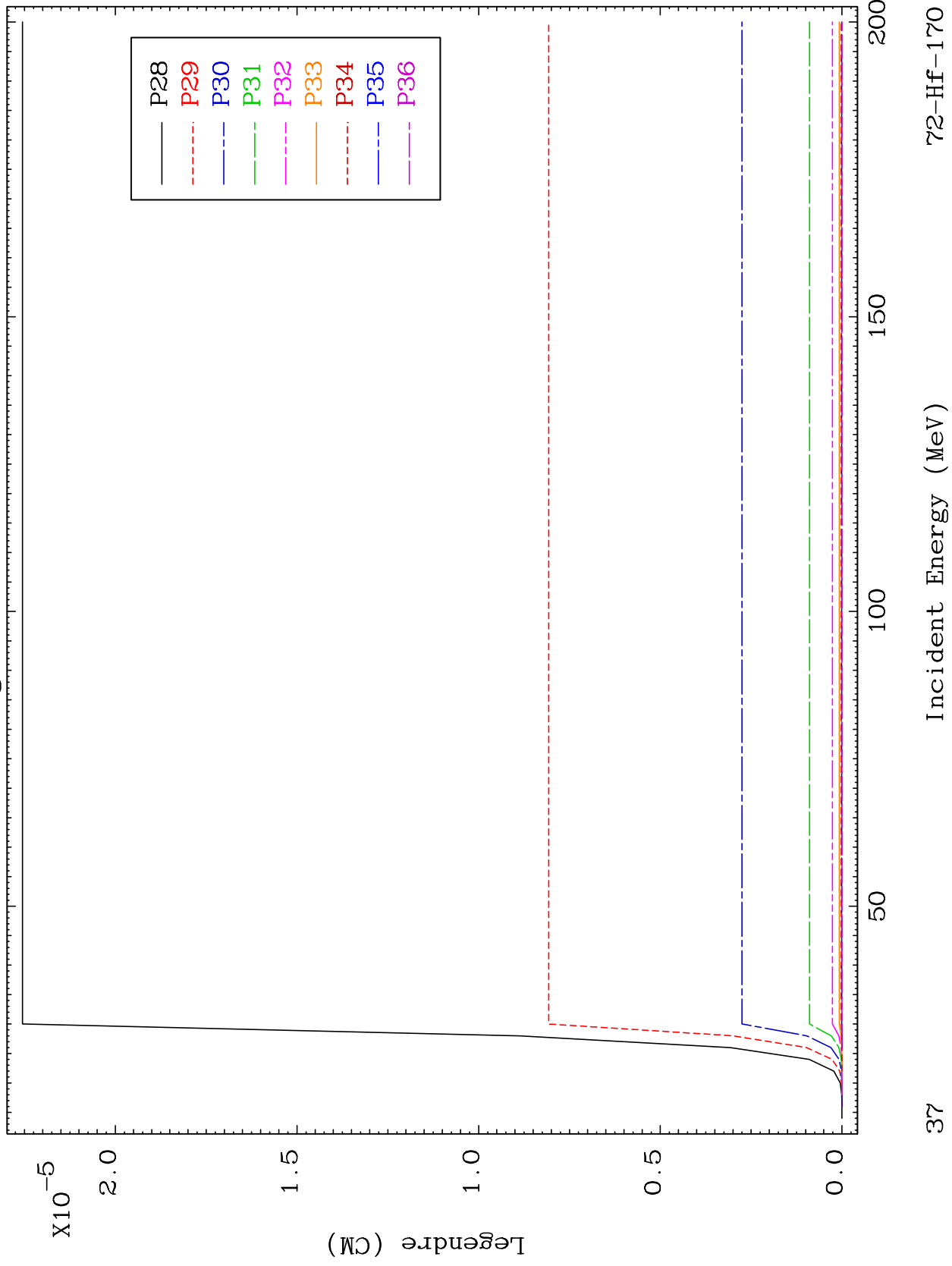


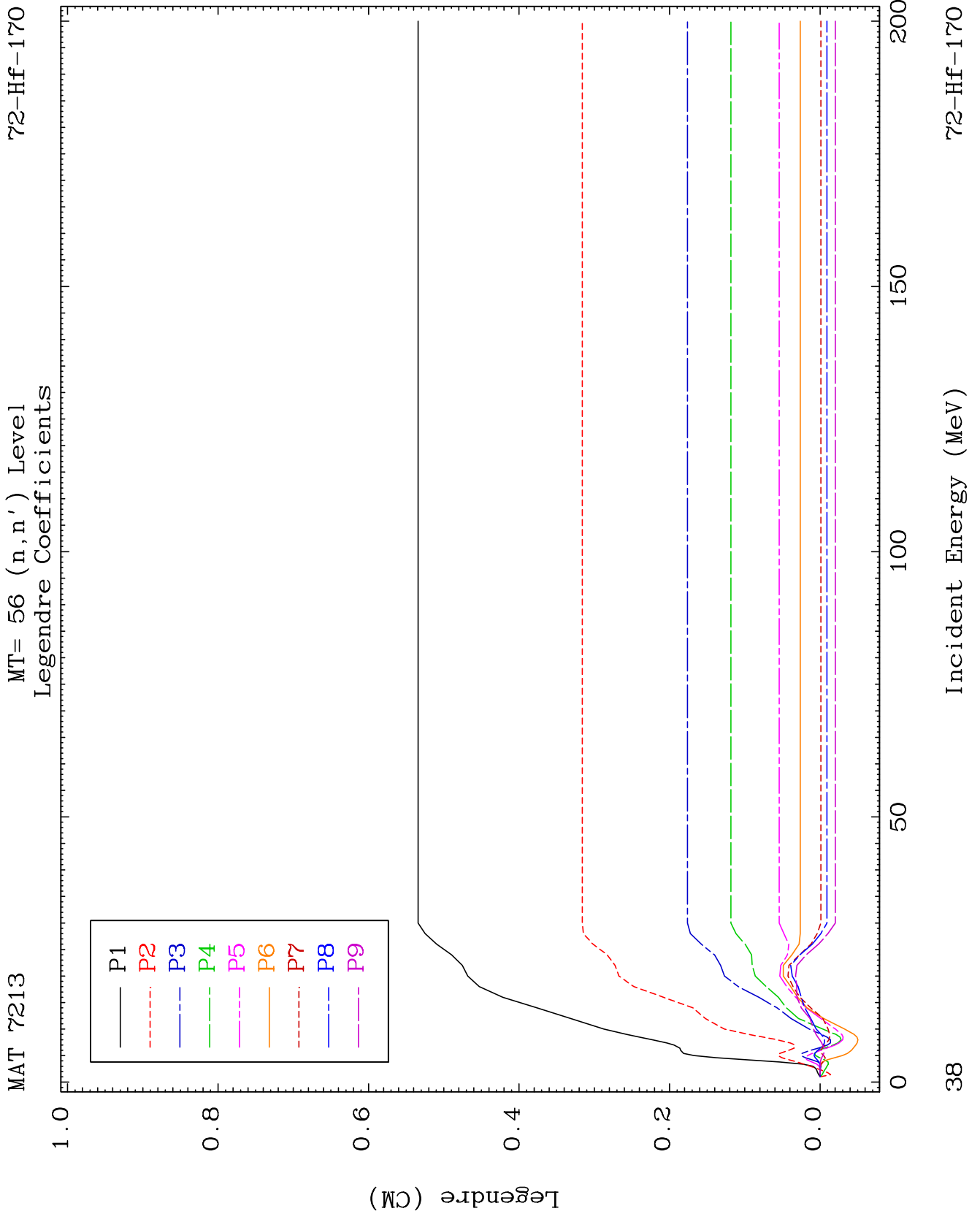


MAT 7213

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

72-Hf-170

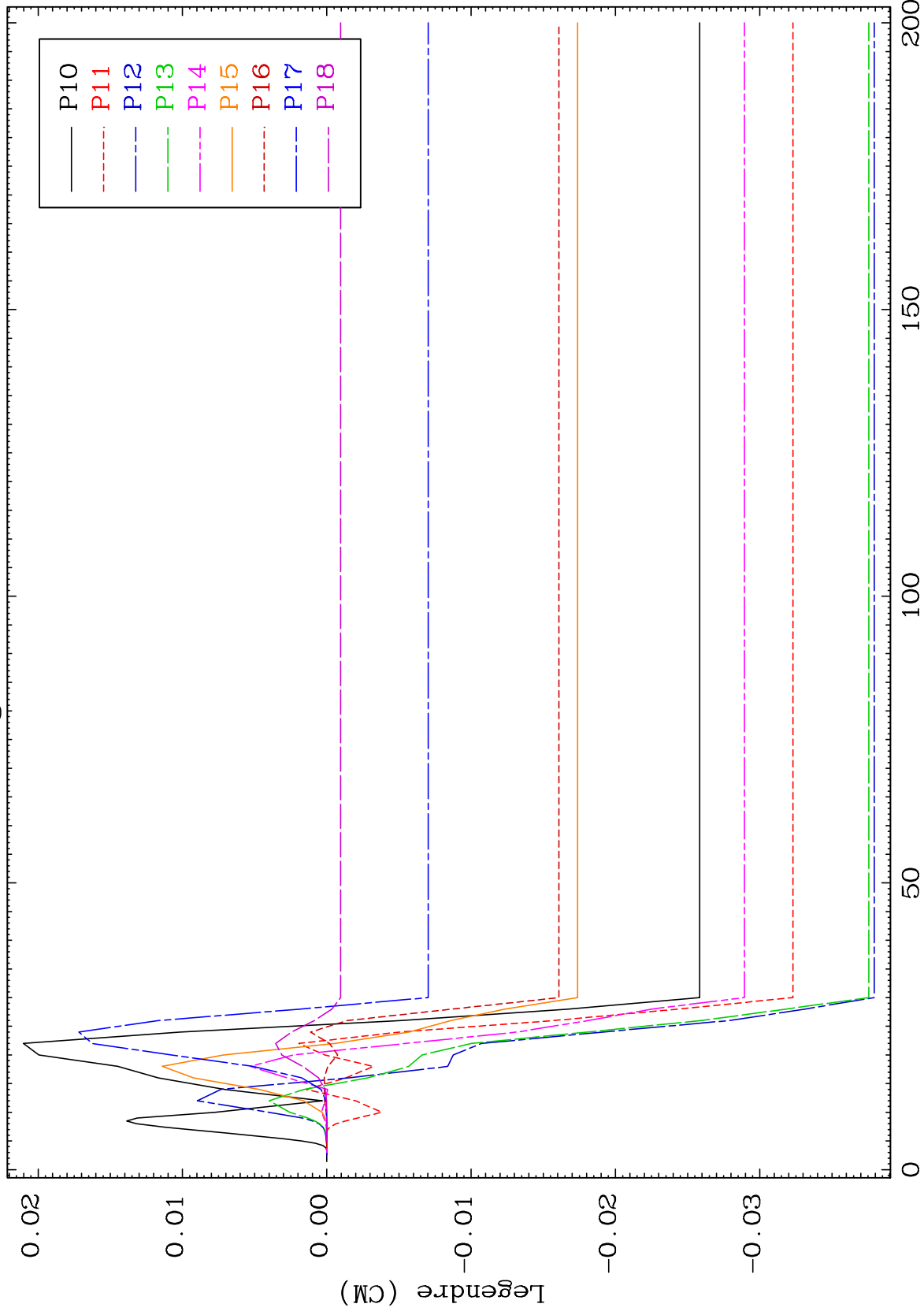




MAT 7213

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

72-Hf-170



39

Incident Energy (MeV)

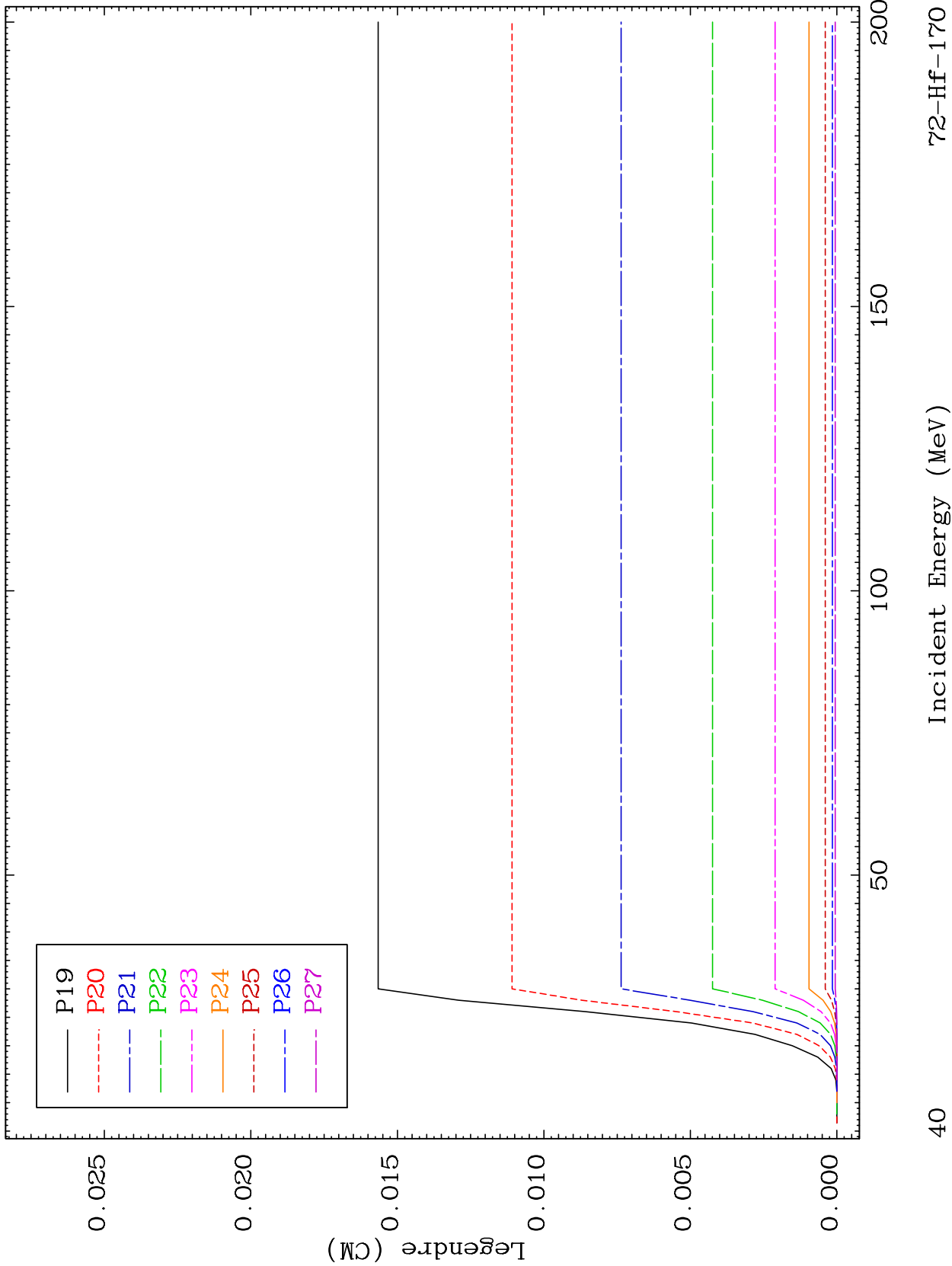
72-Hf-170



MAT 7213

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

72-Hf-170



40

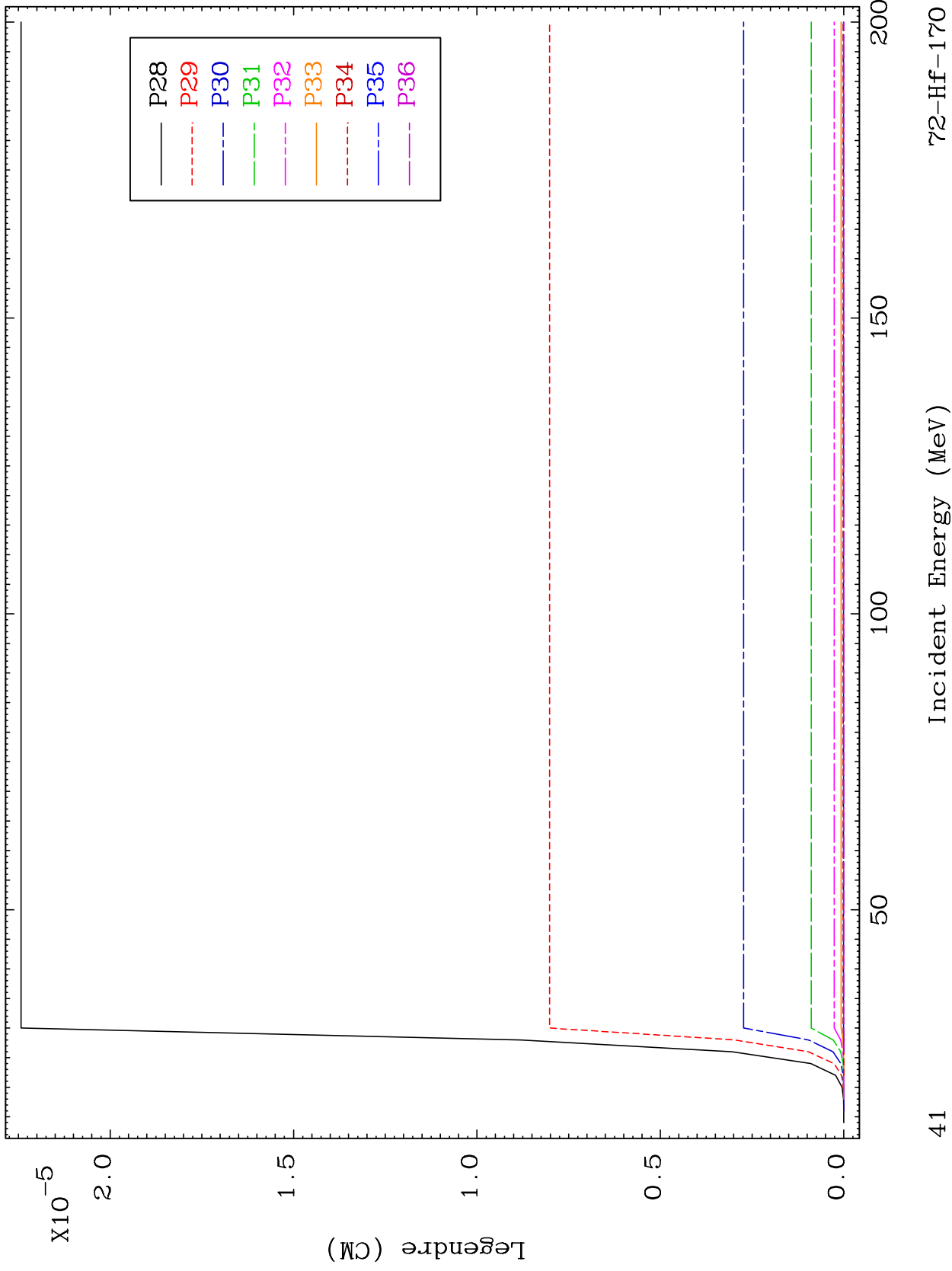
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



41

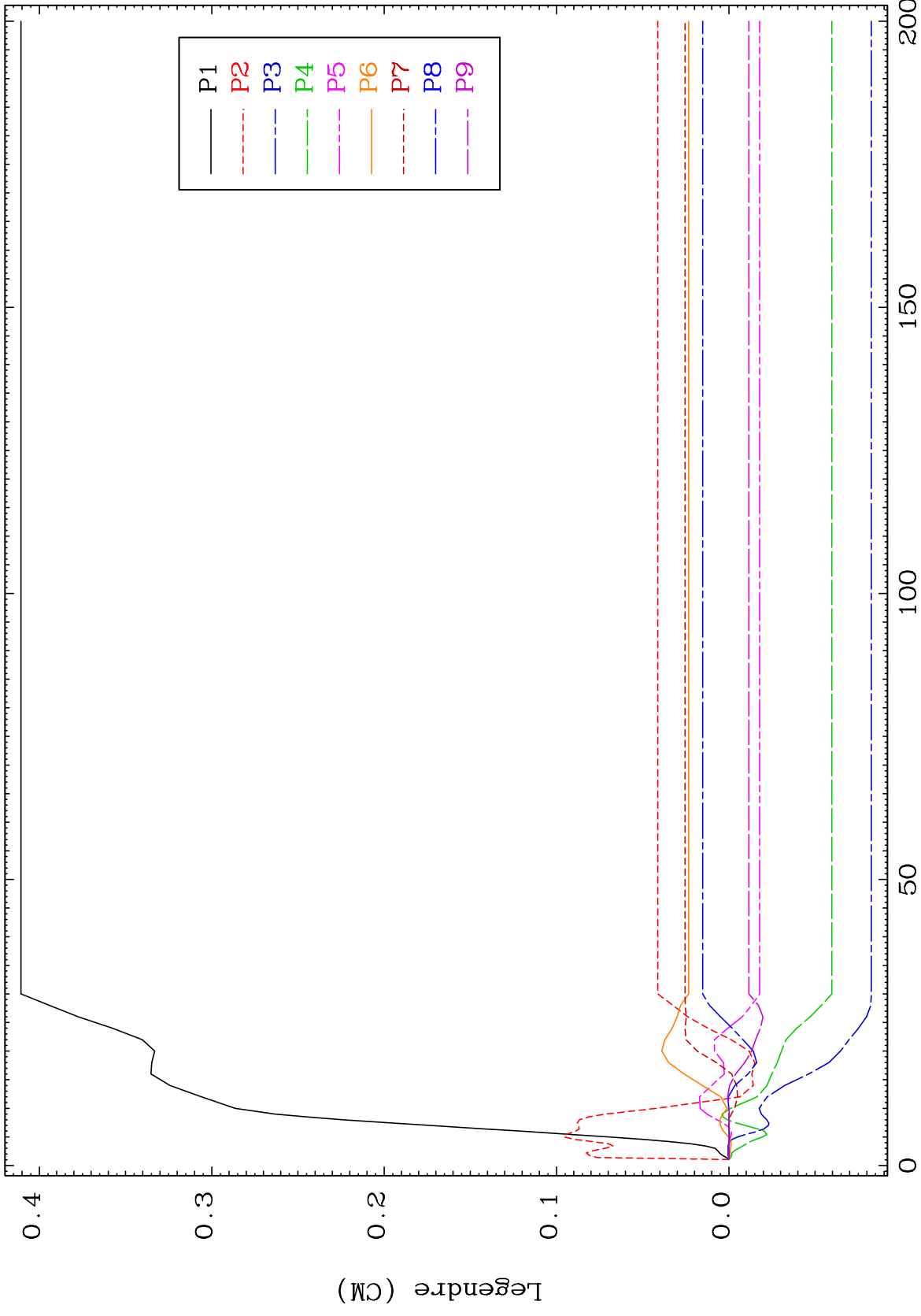
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



42

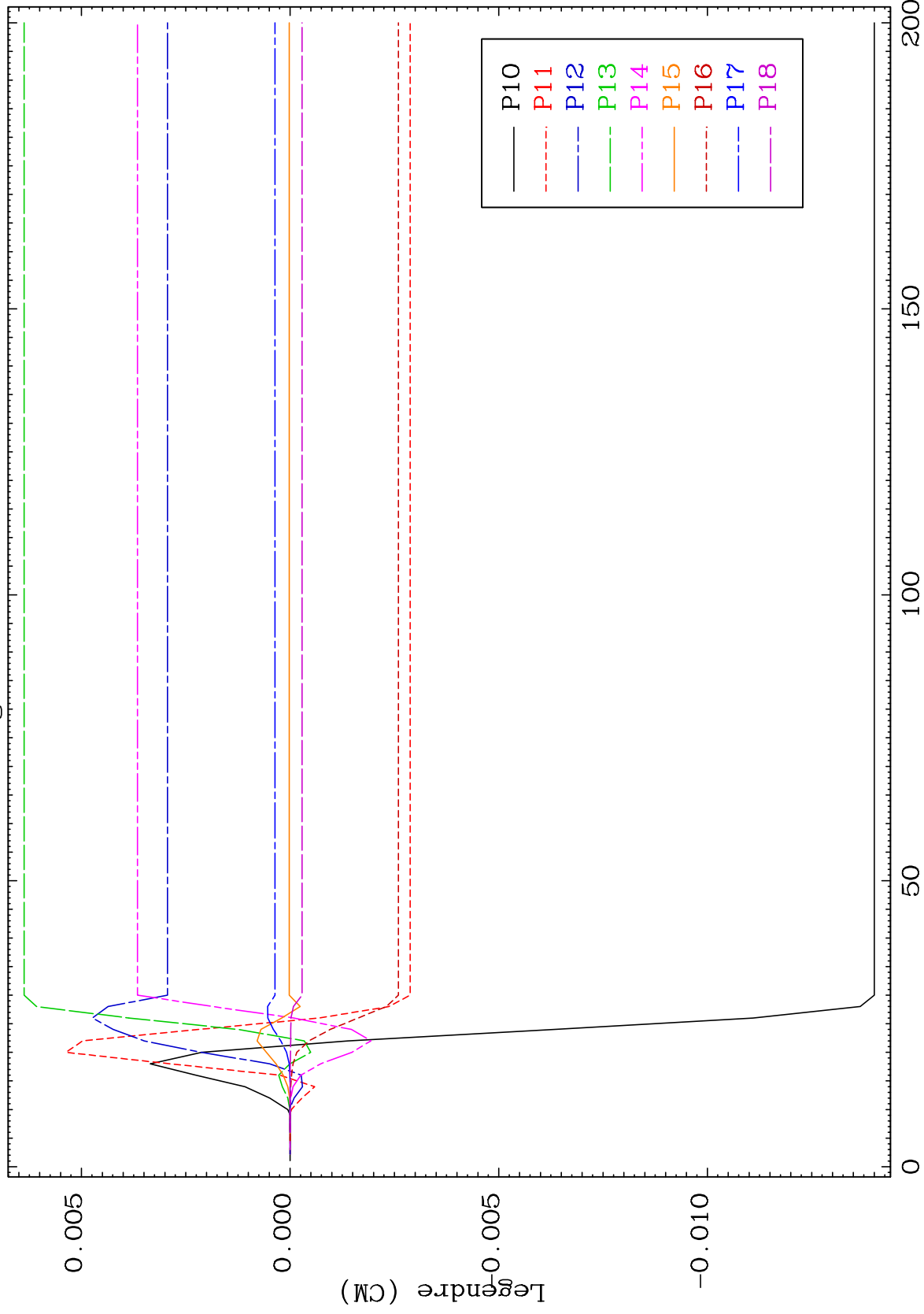
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

72-Hf-170



43

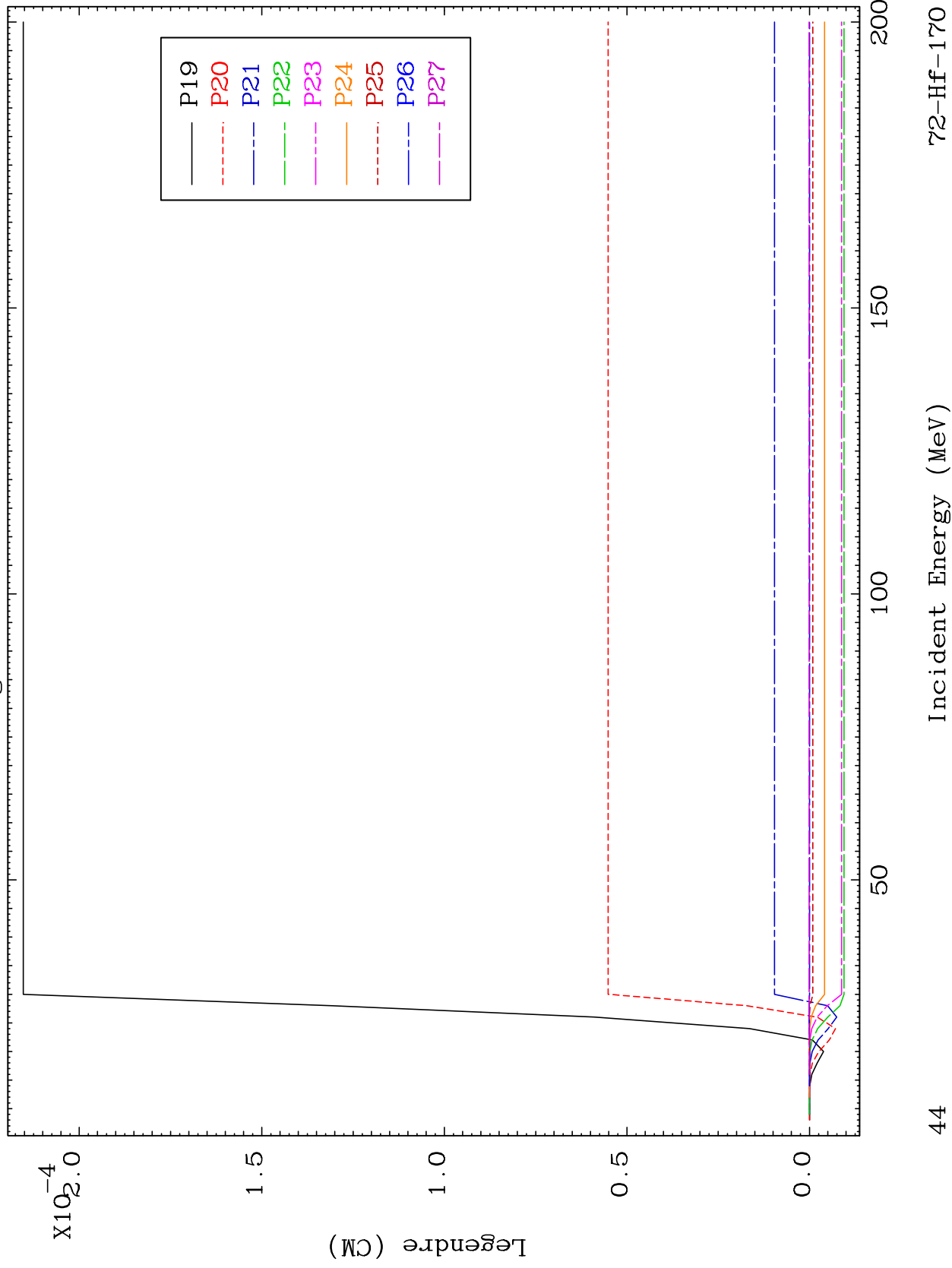
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

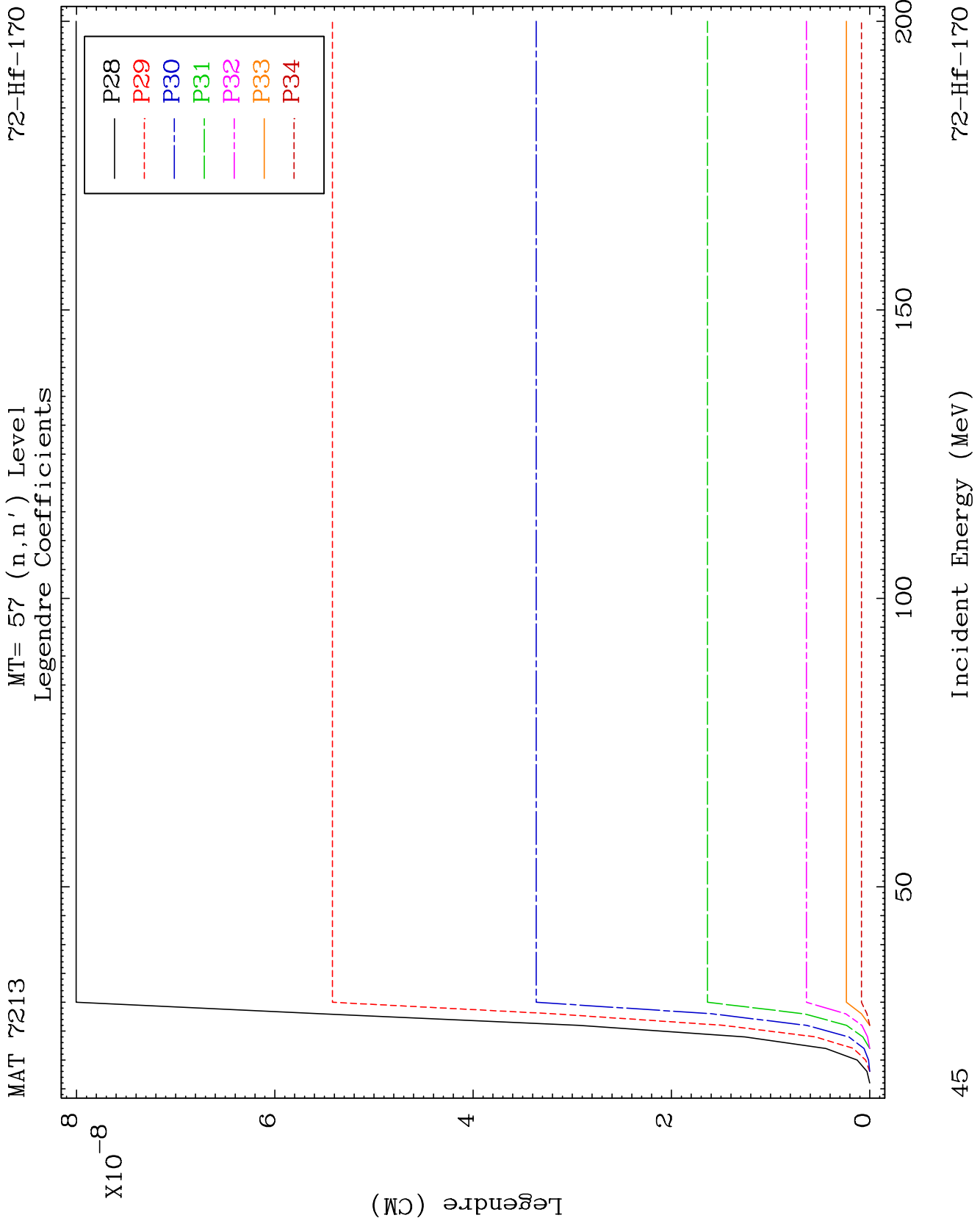
72-Hf-170

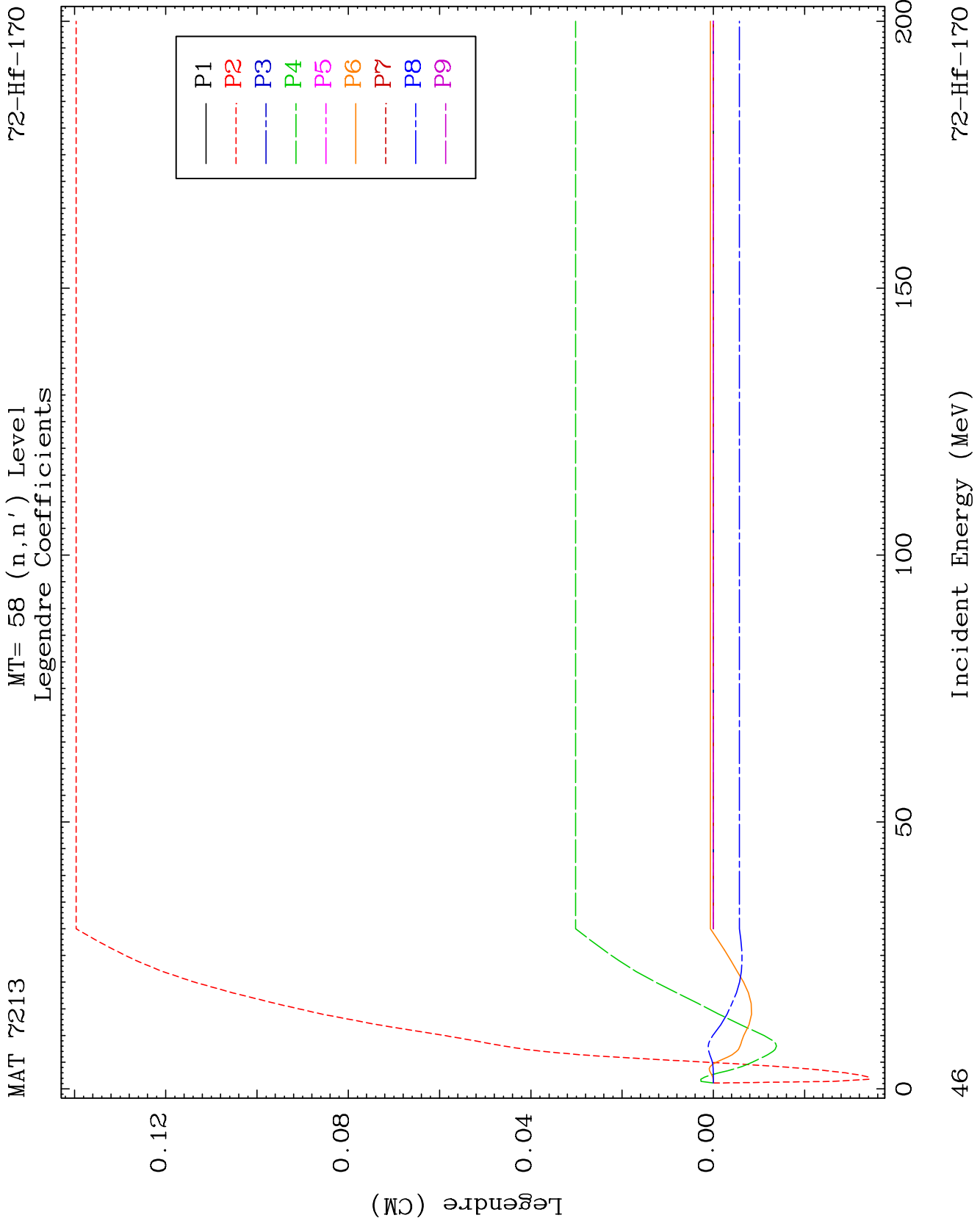


44

Incident Energy (MeV)

72-Hf-170

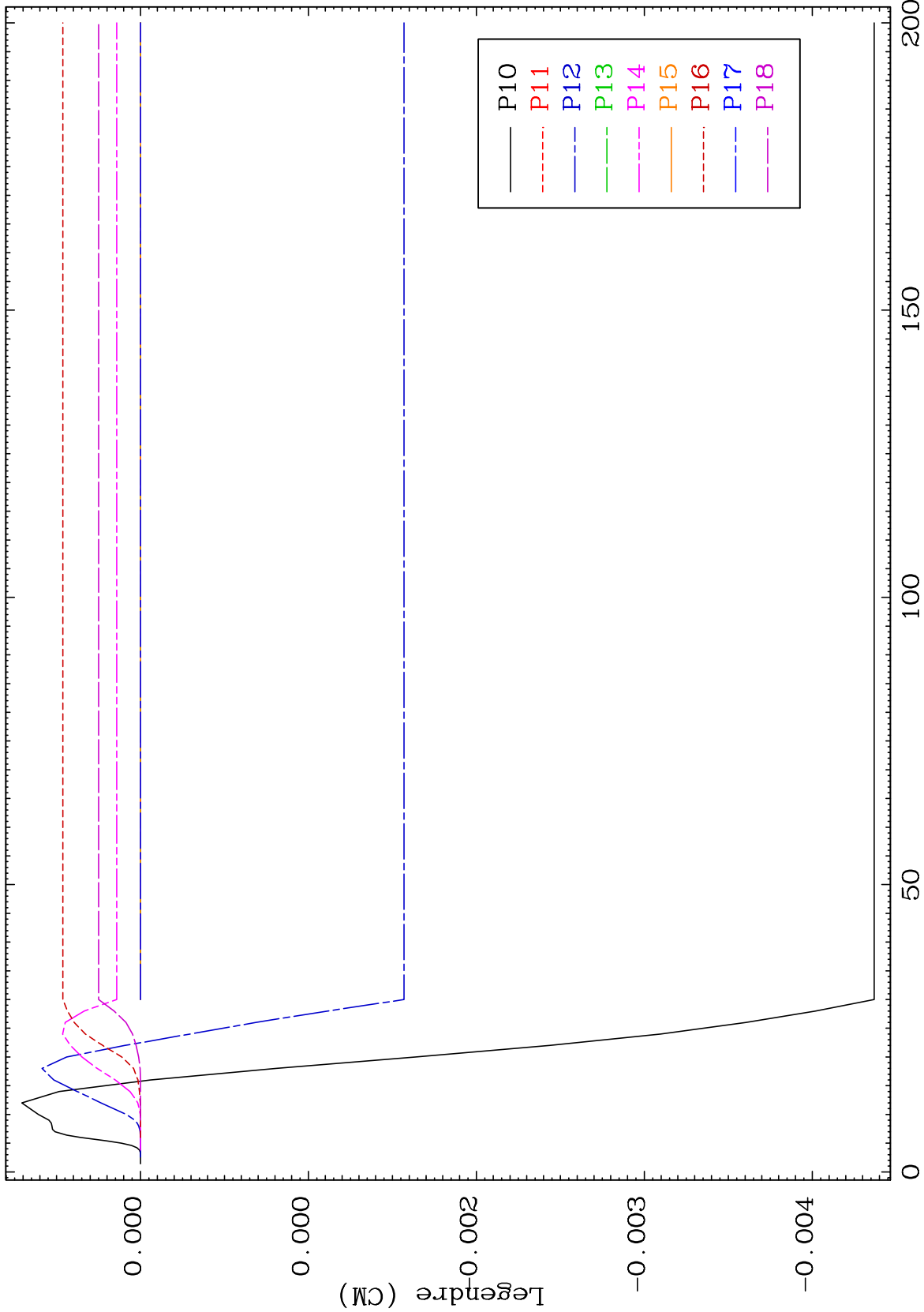




MAT 7213

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

72-Hf-170

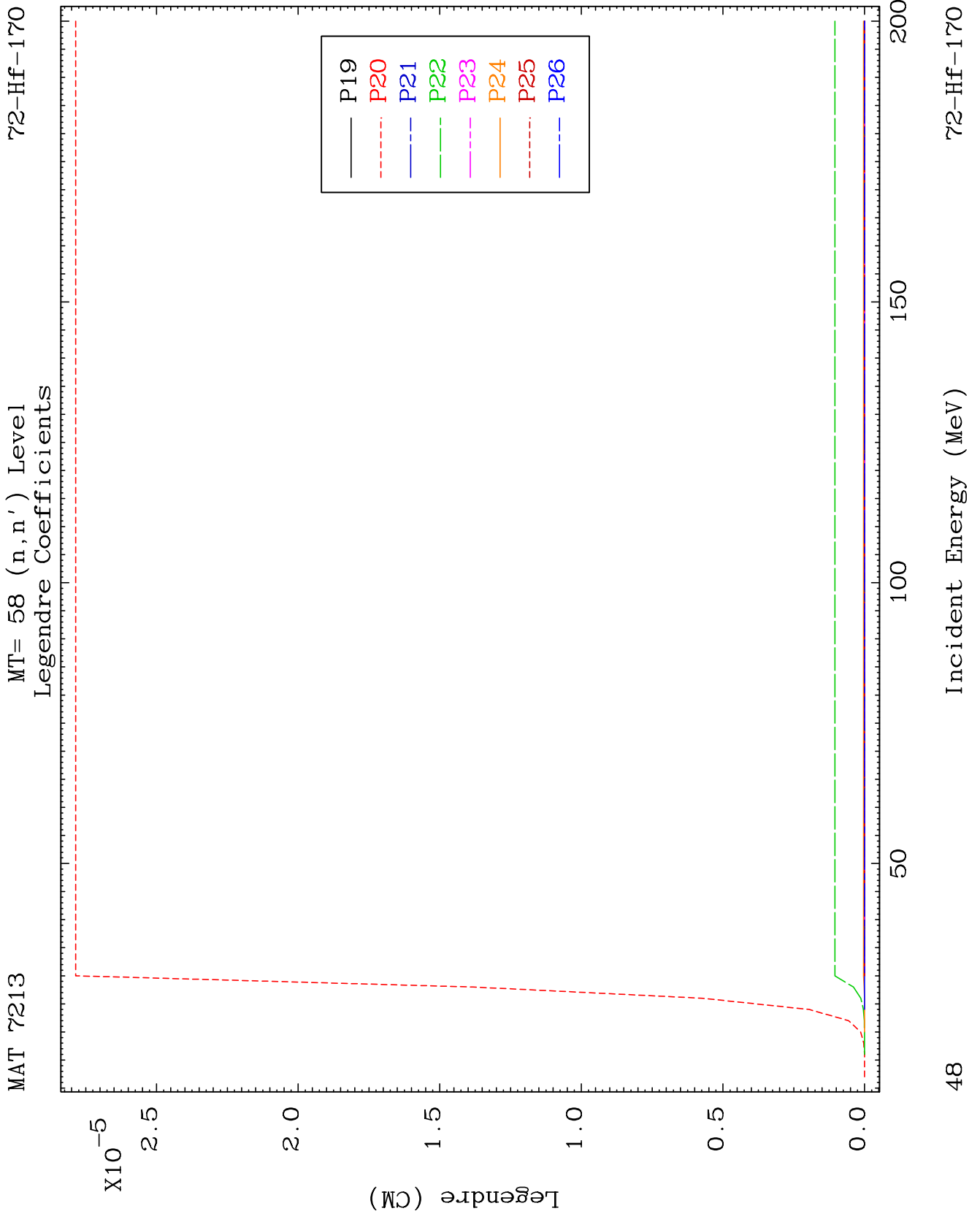


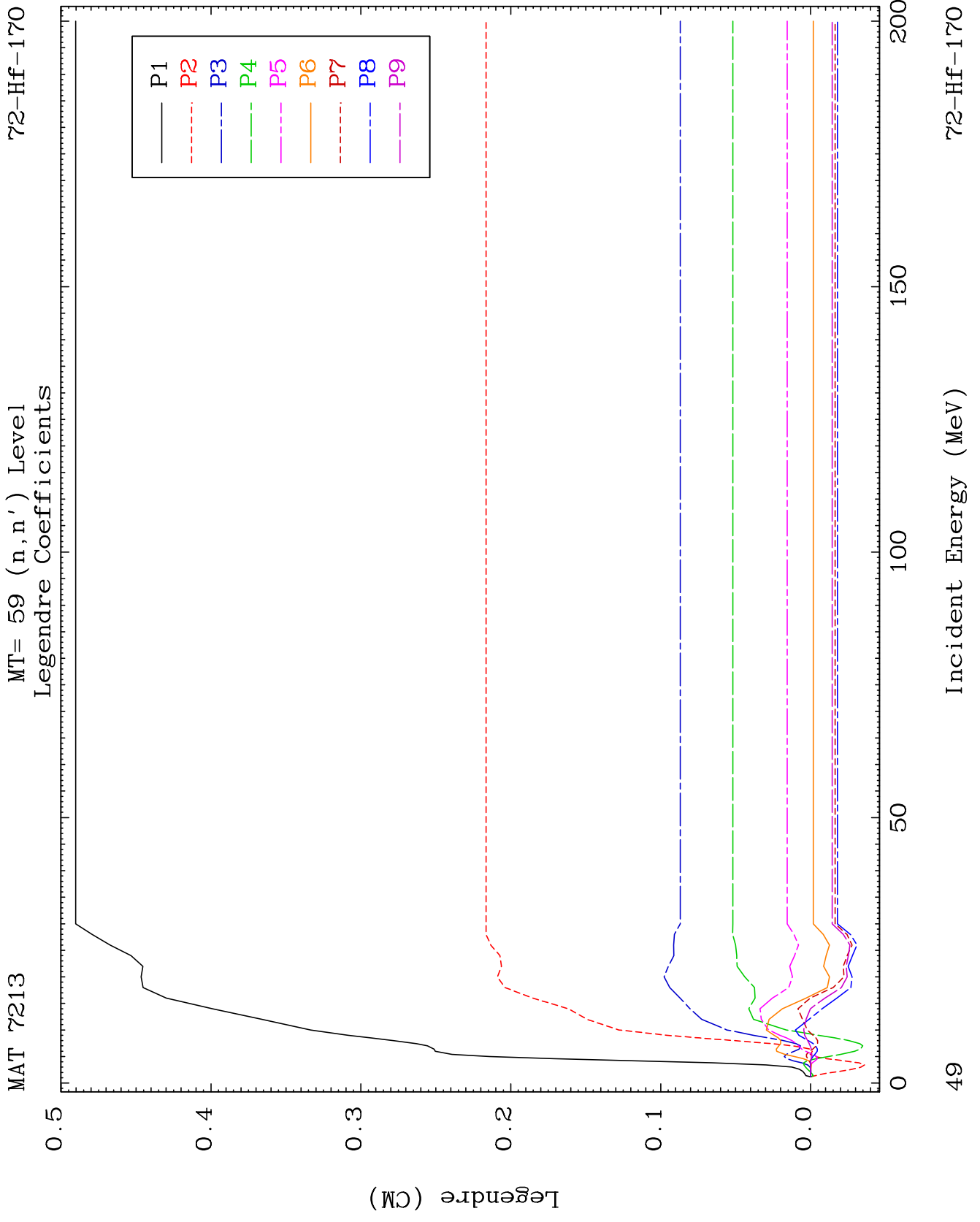
47

Incident Energy (MeV)

72-Hf-170



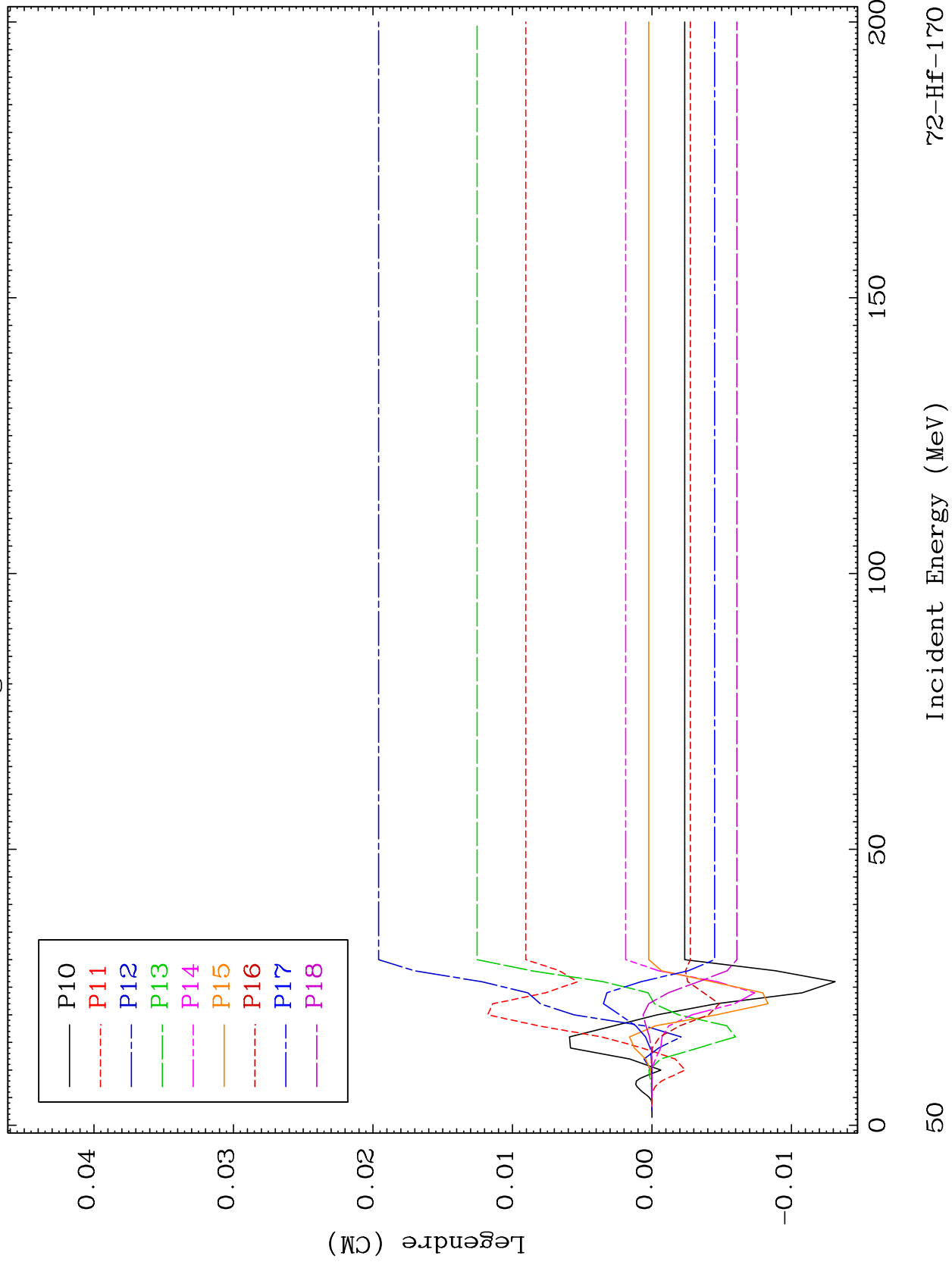




MAT 7213

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

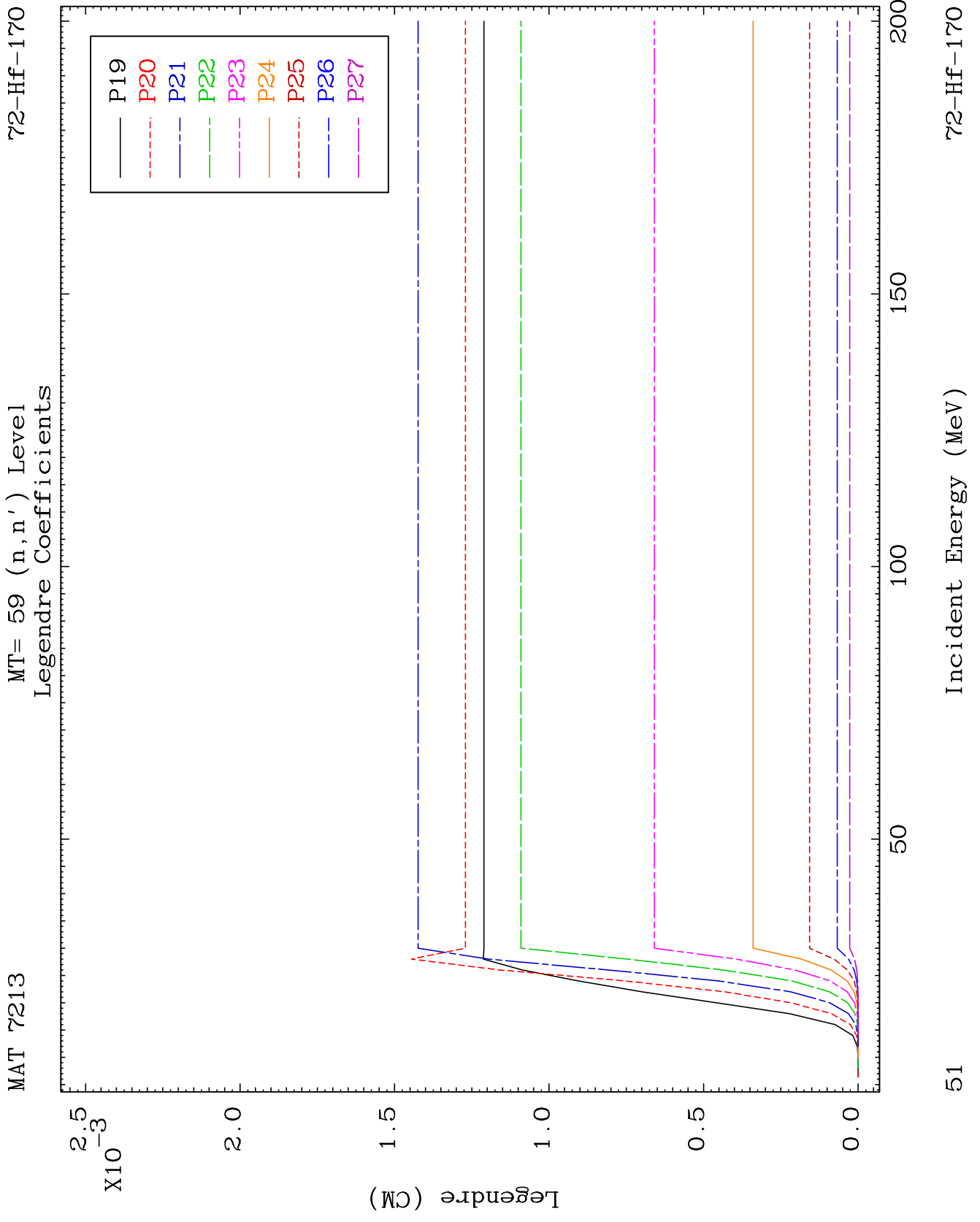
72-Hf-170



72-Hf-170

Incident Energy (MeV)

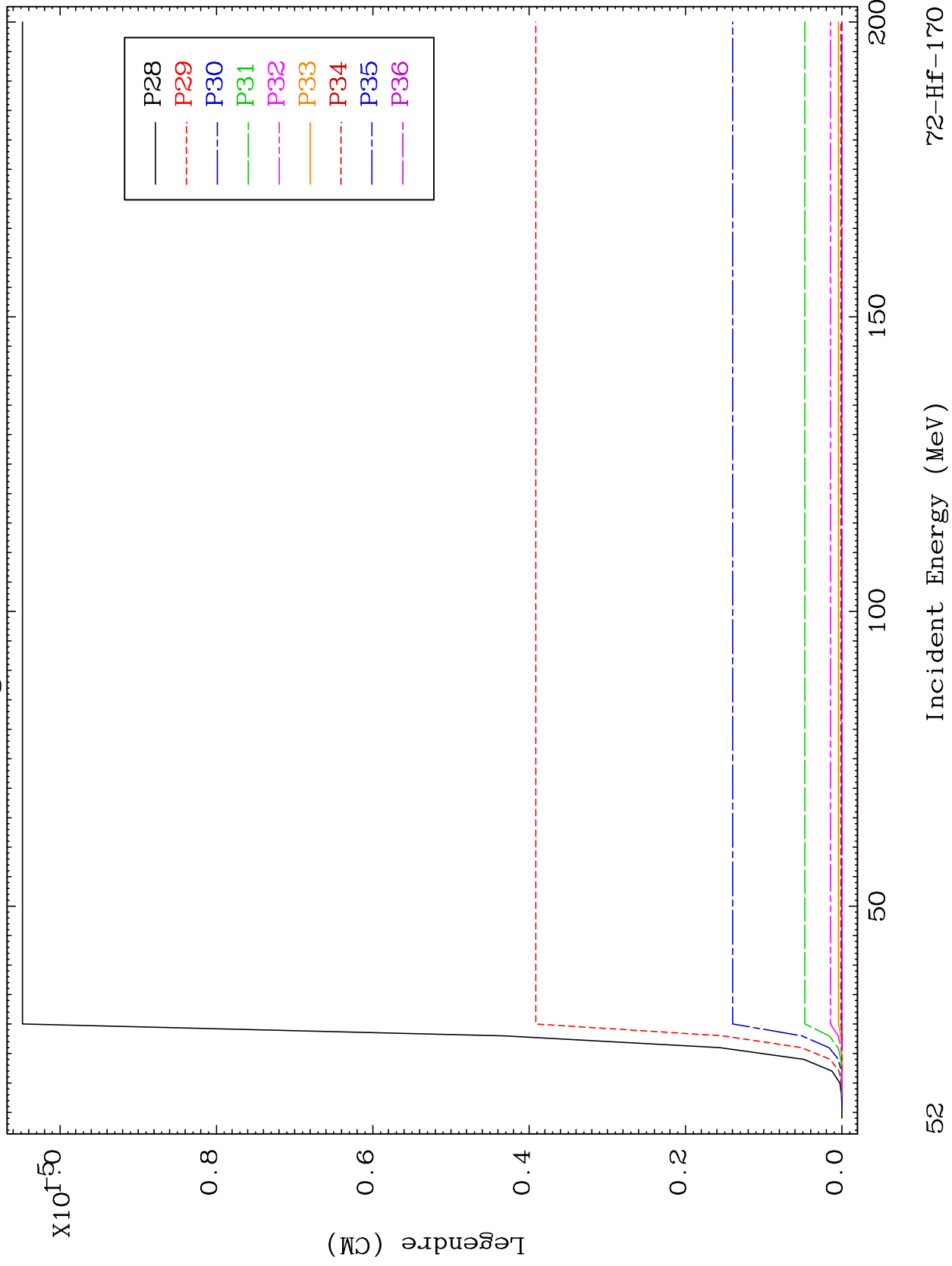
50



MAT 7213

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

72-Hf-170



52

Incident Energy (MeV)

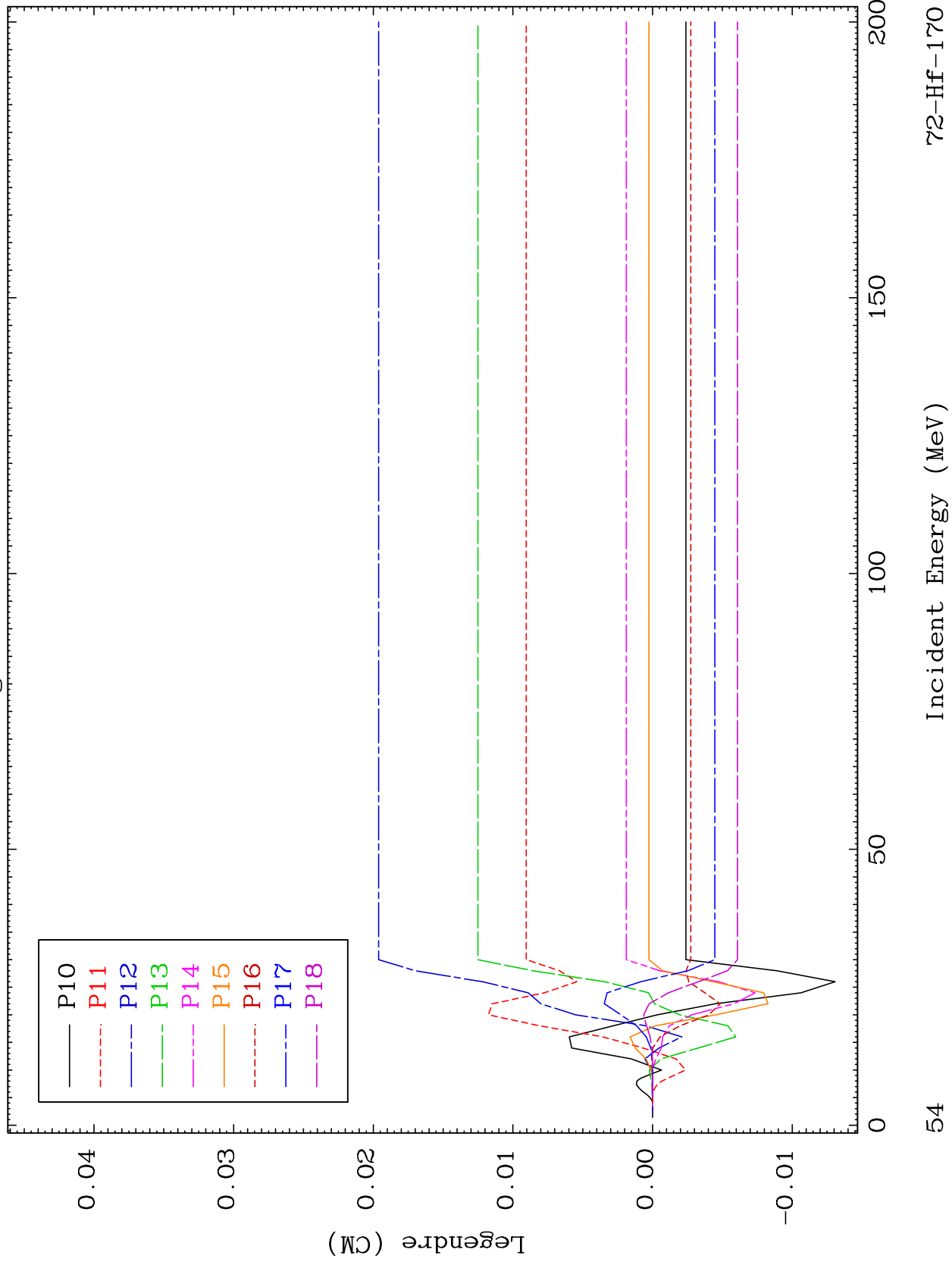
72-Hf-170



MAT 7213

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

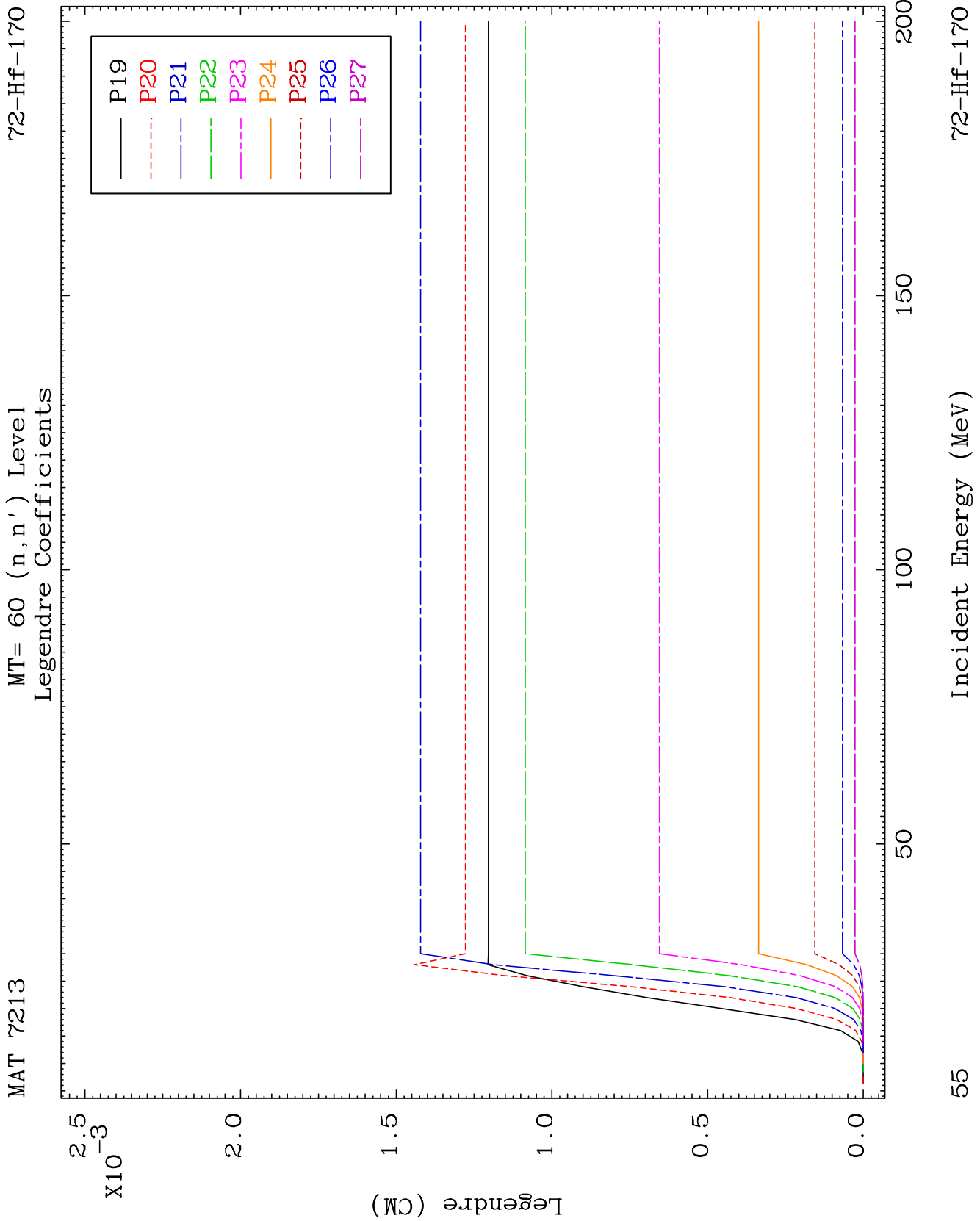
72-Hf-170



54

Incident Energy (MeV)

72-Hf-170

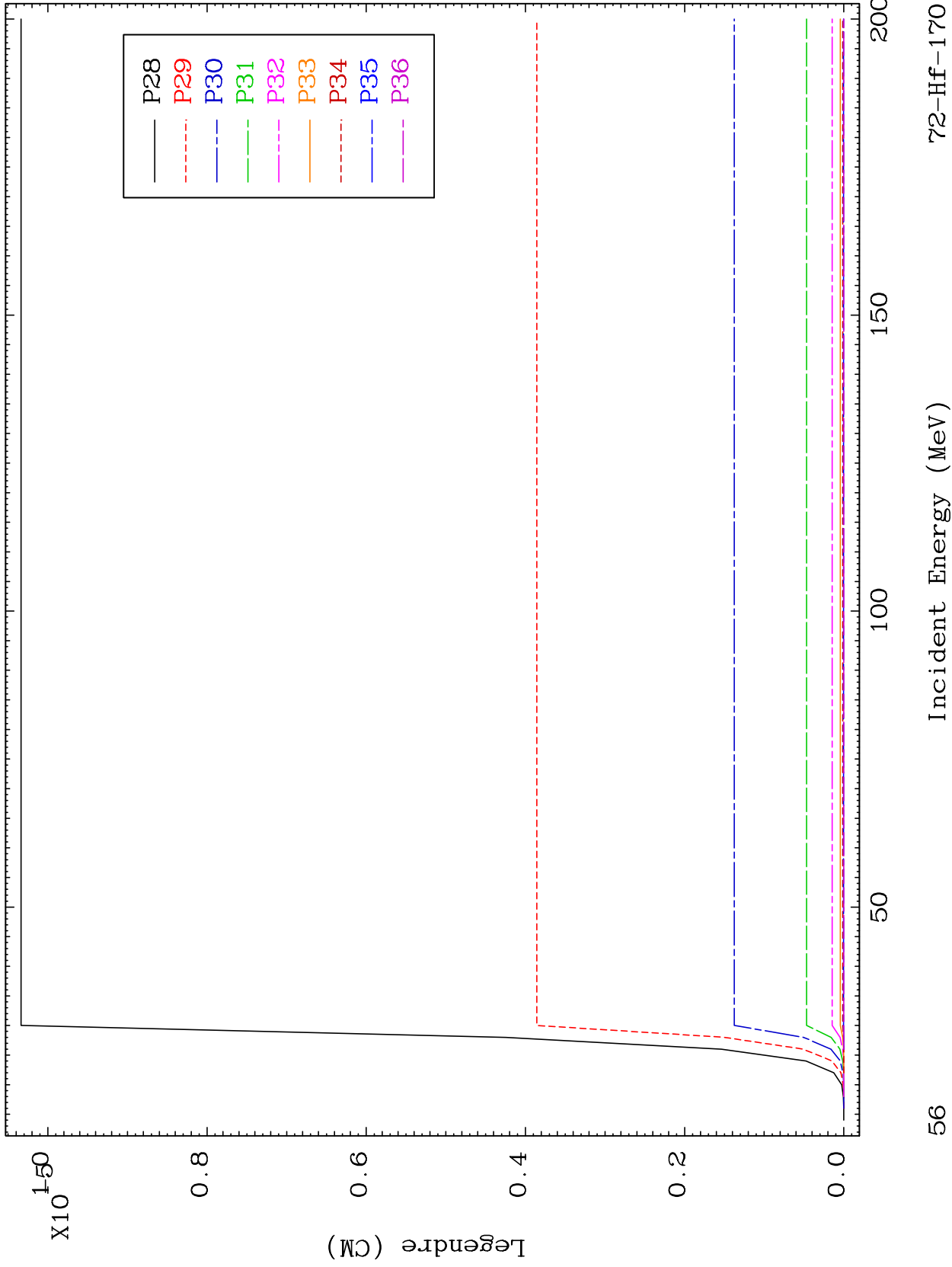




MAT 7213

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

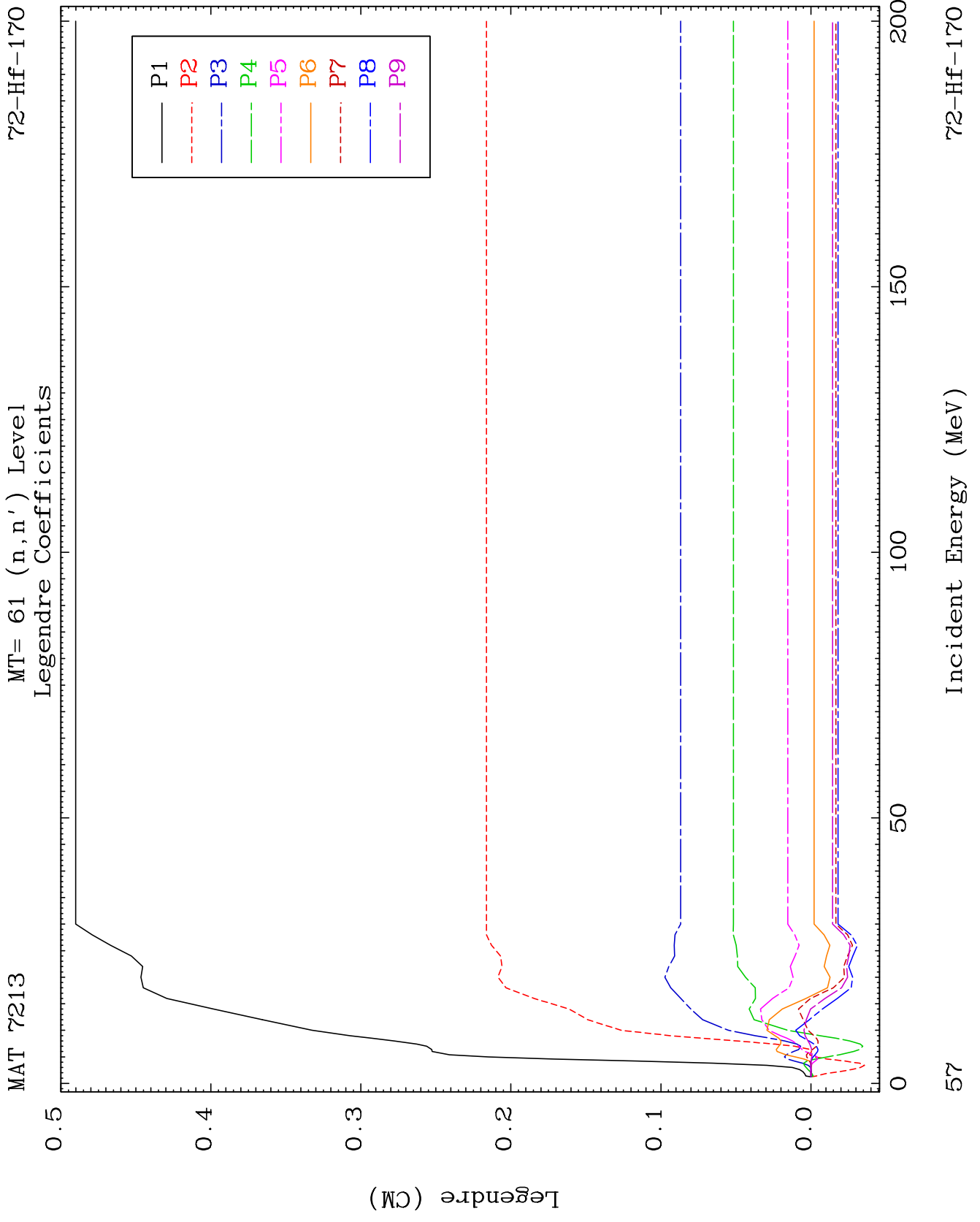
72-Hf-170



56

Incident Energy (MeV)

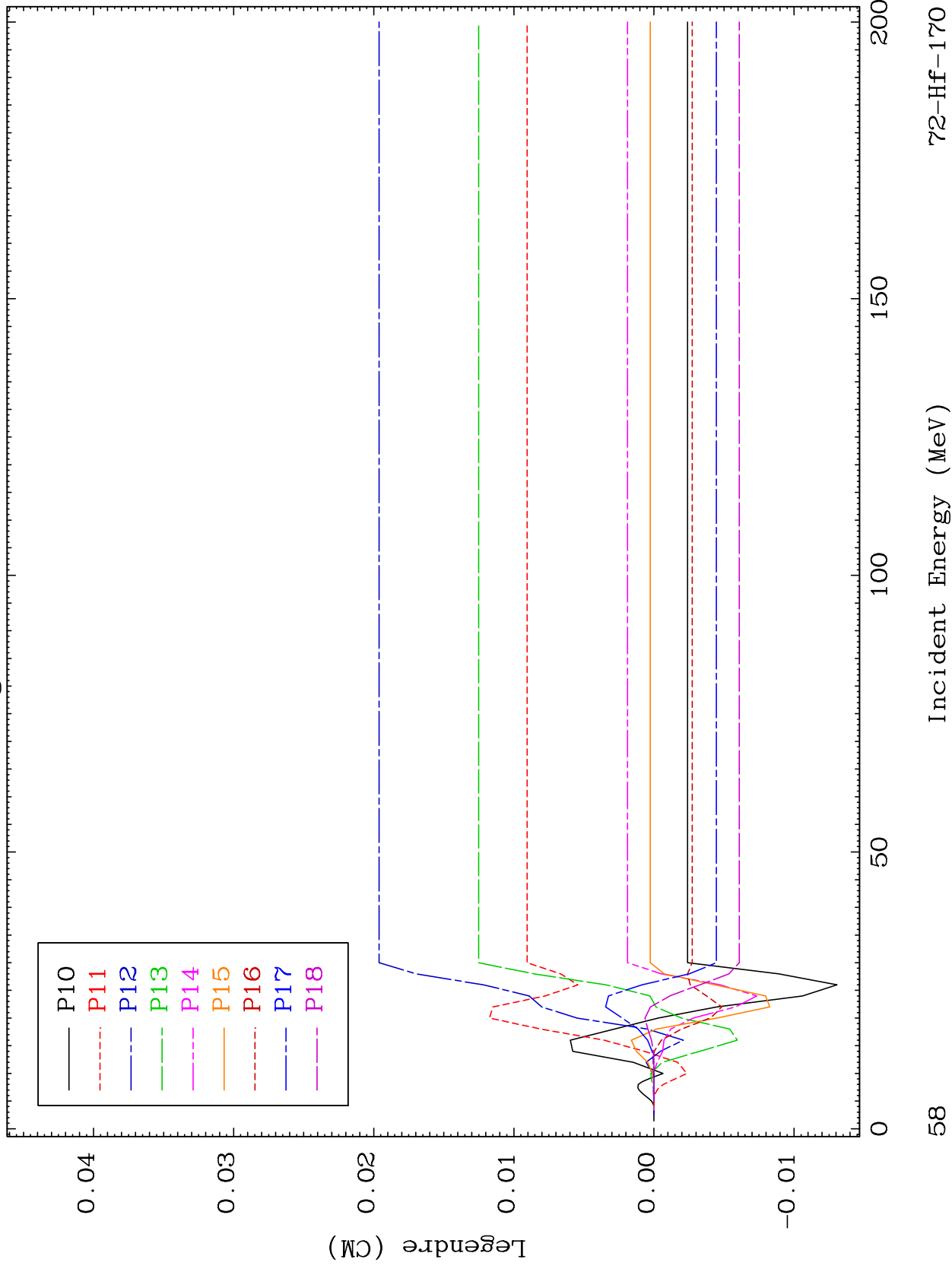
72-Hf-170



MAT 7213

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

72-Hf-170



72-Hf-170

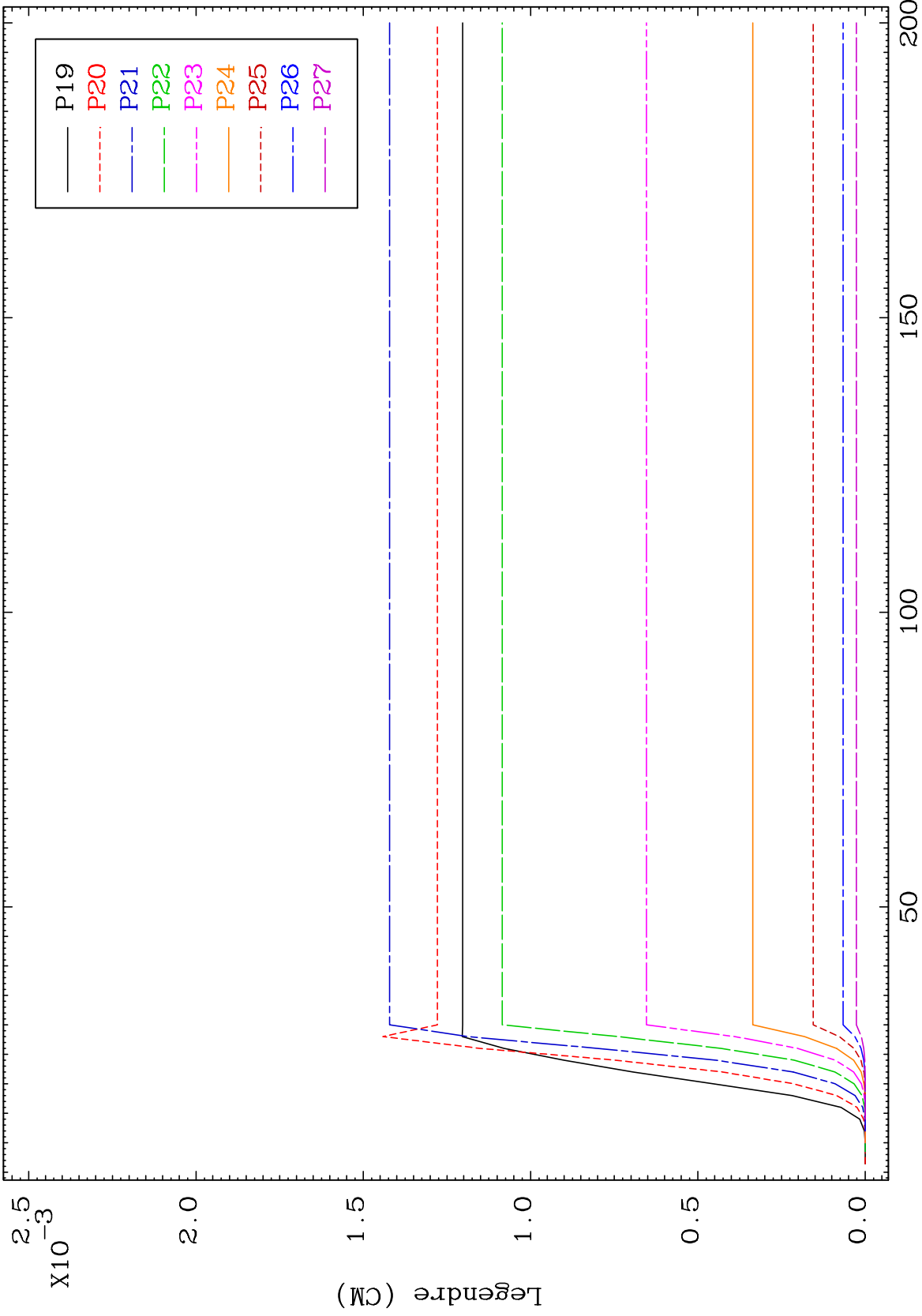
Incident Energy (MeV)

58

MAT 7213

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

72-Hf-170



59

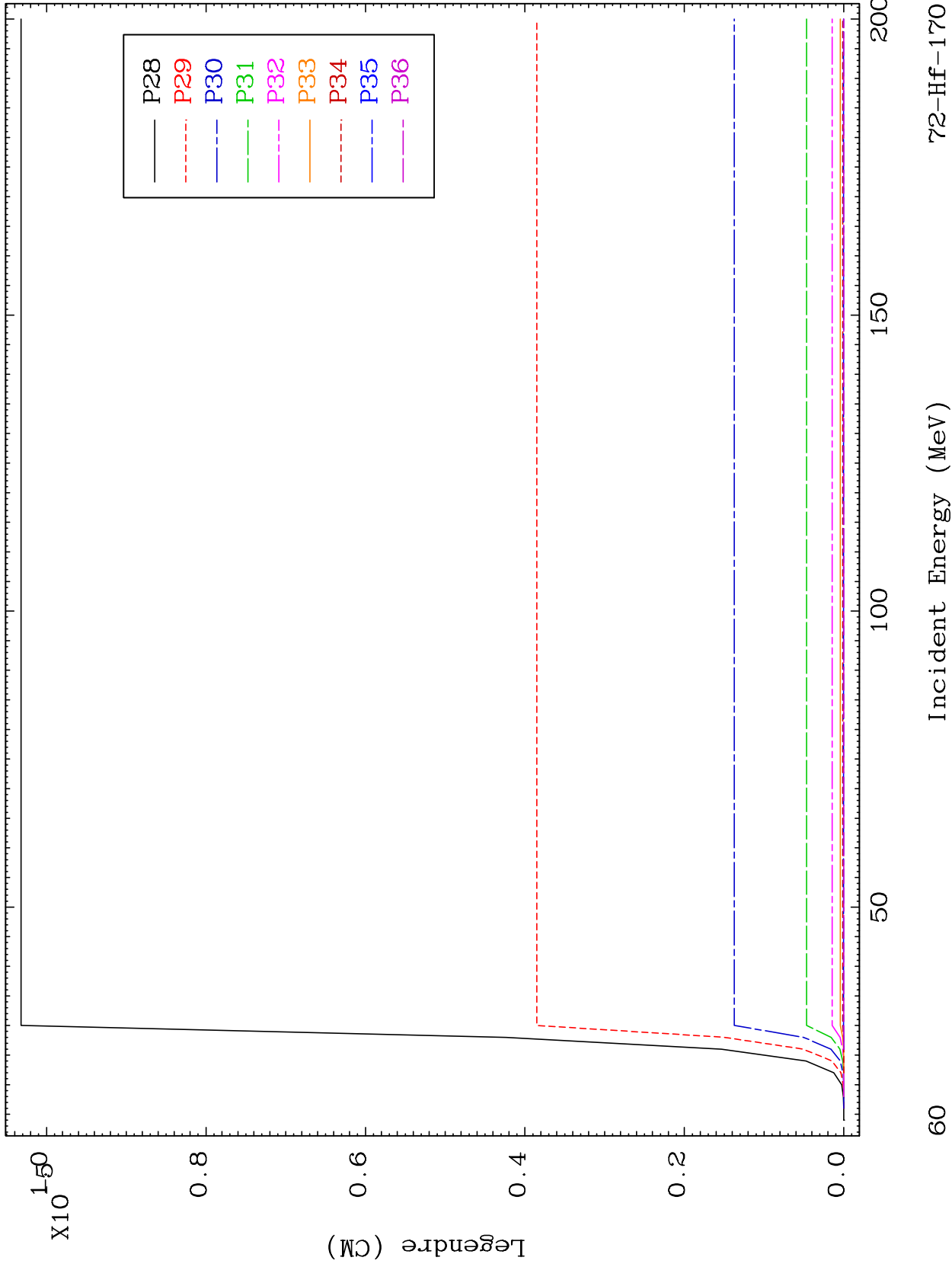
Incident Energy (MeV)

72-Hf-170

MAT 7213

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

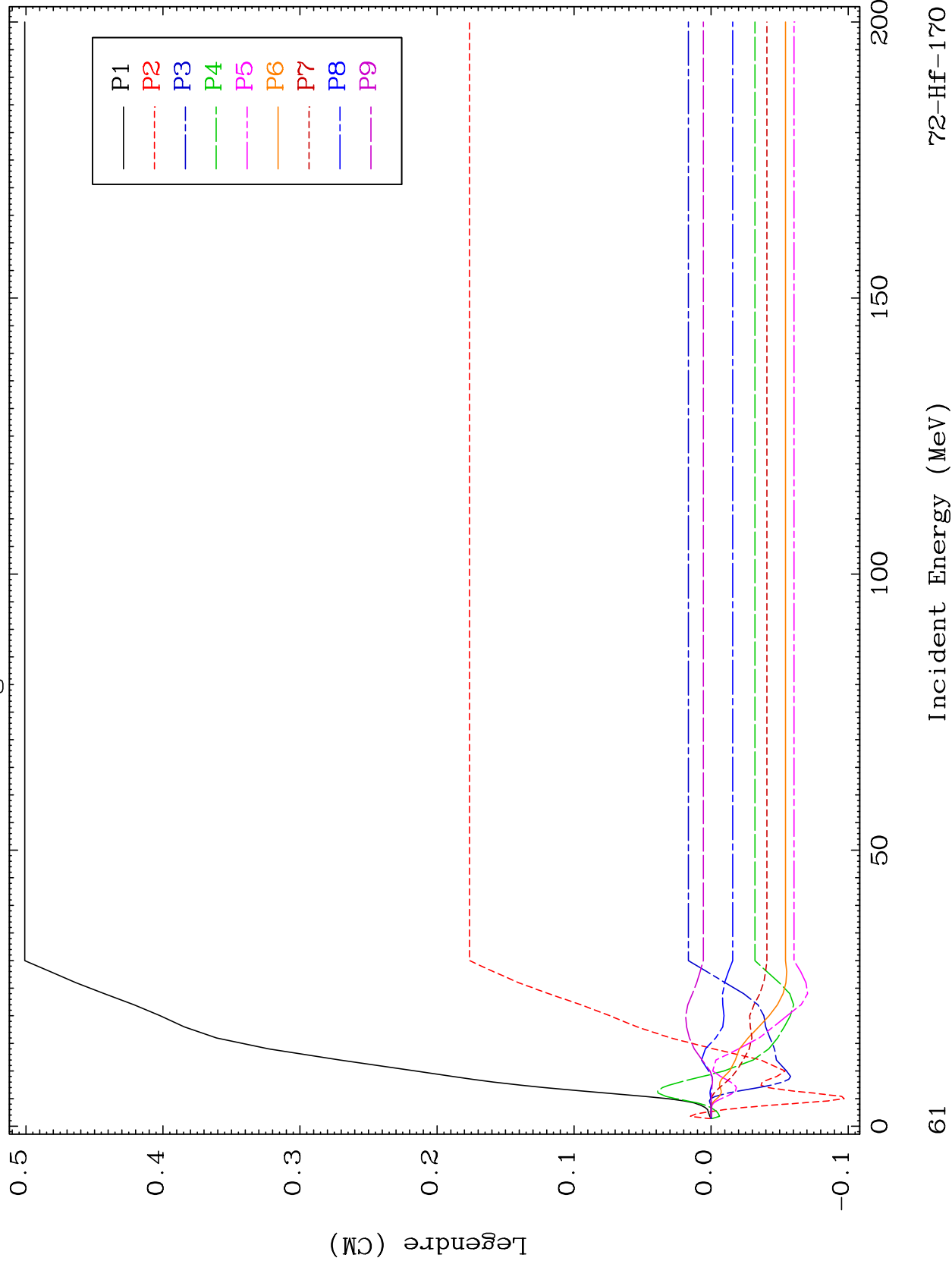
72-Hf-170



MAT 7213

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

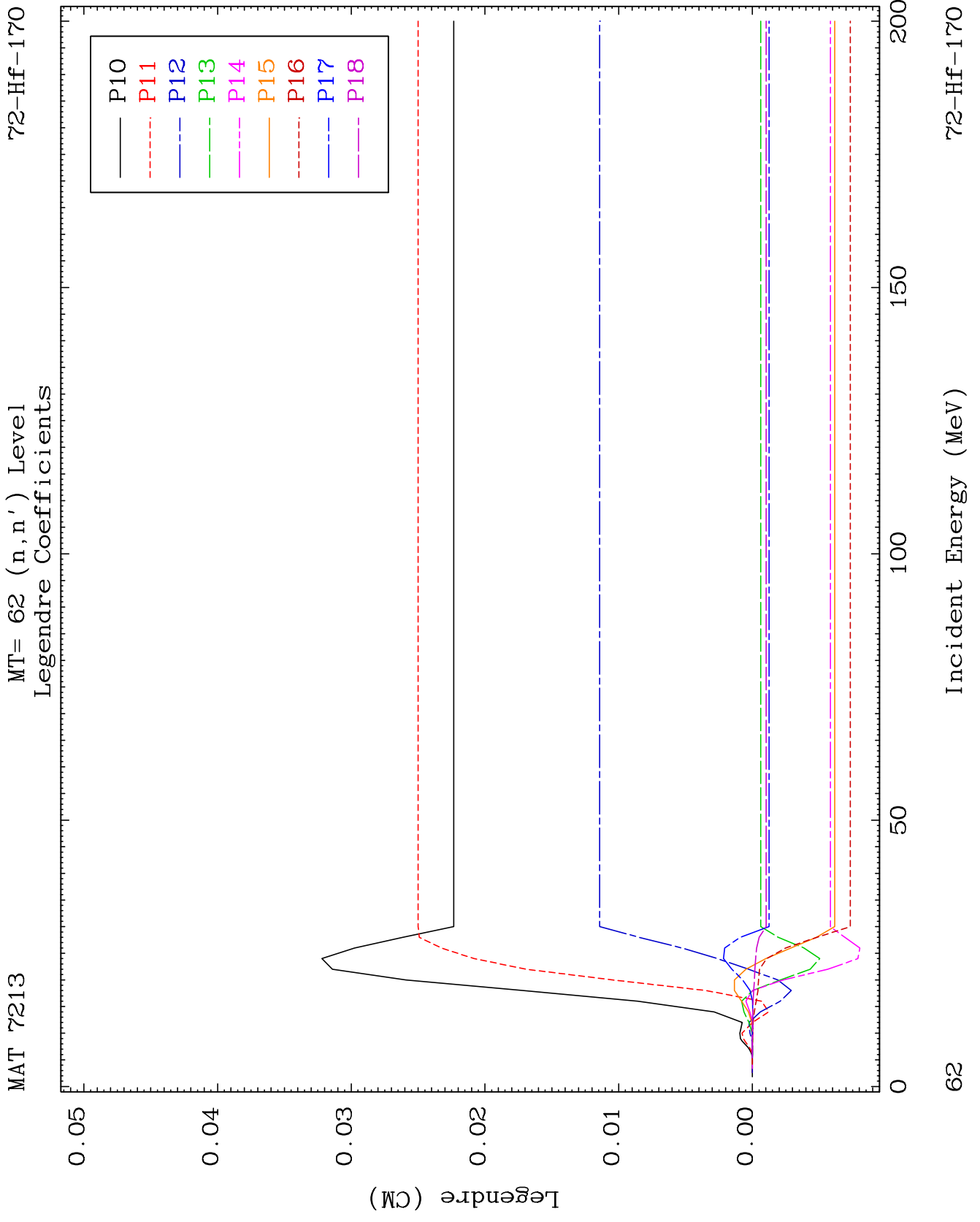
72-Hf-170



72-Hf-170

Incident Energy (MeV)

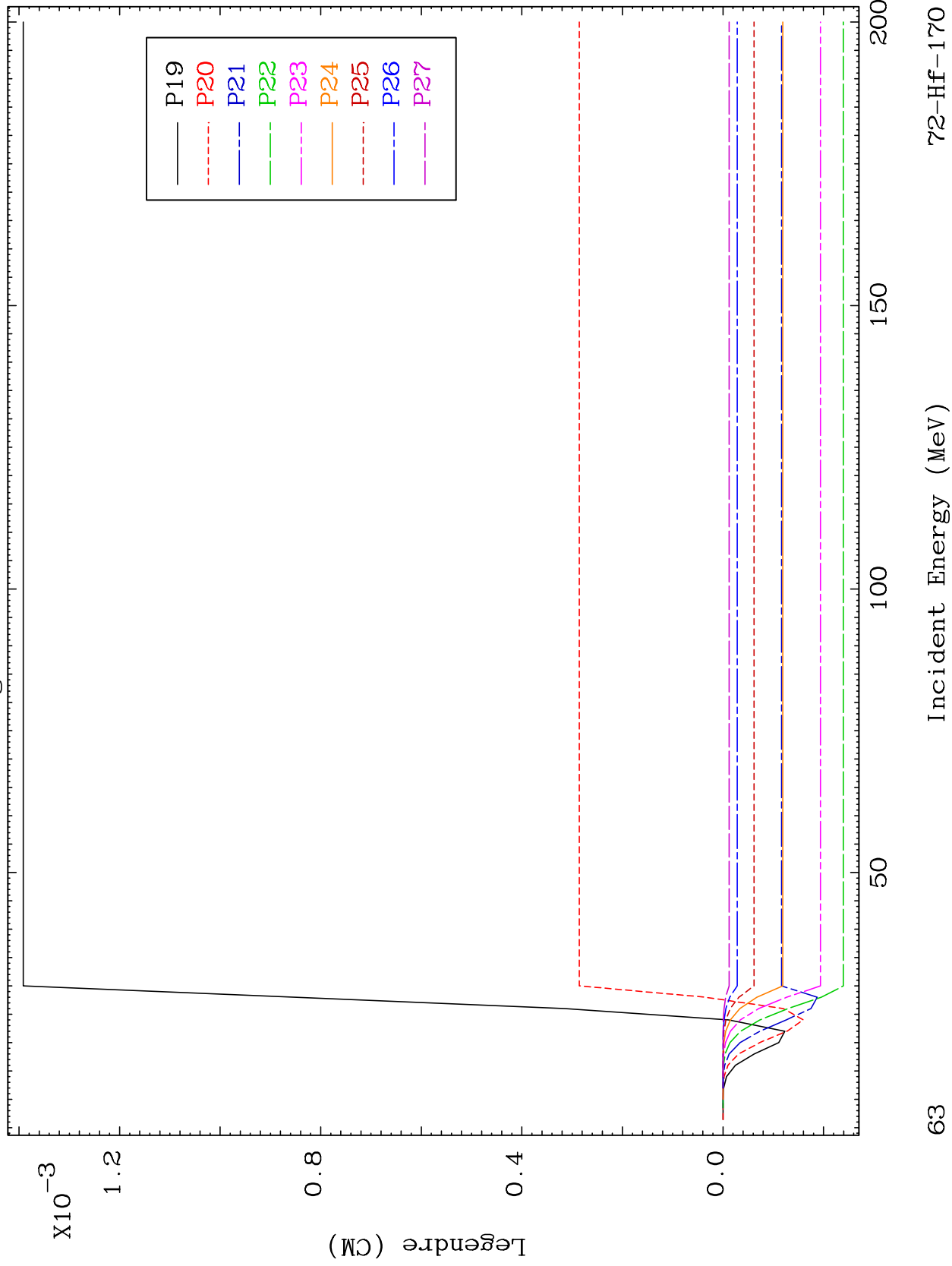
61



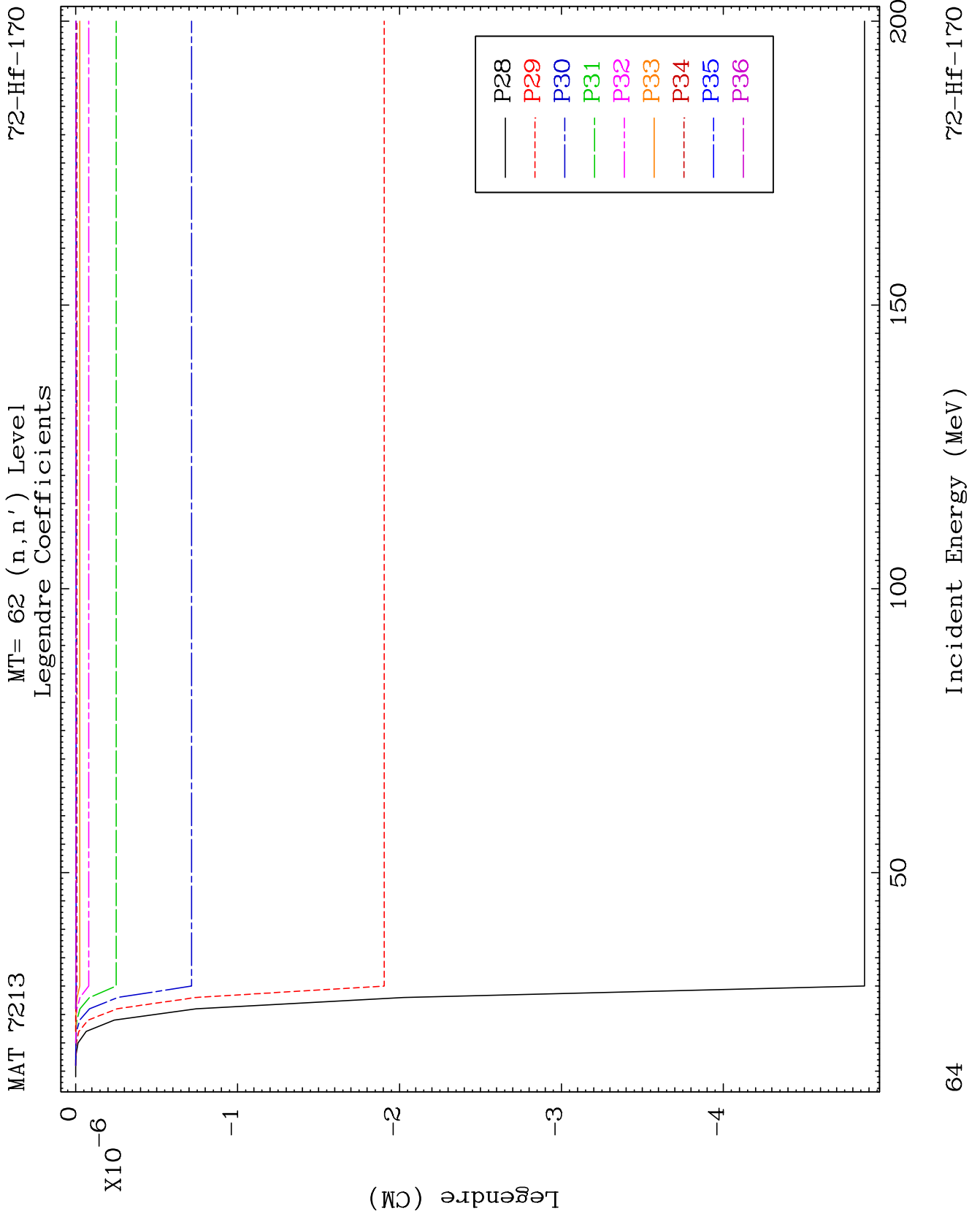
MAT 7213

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

72-Hf-170



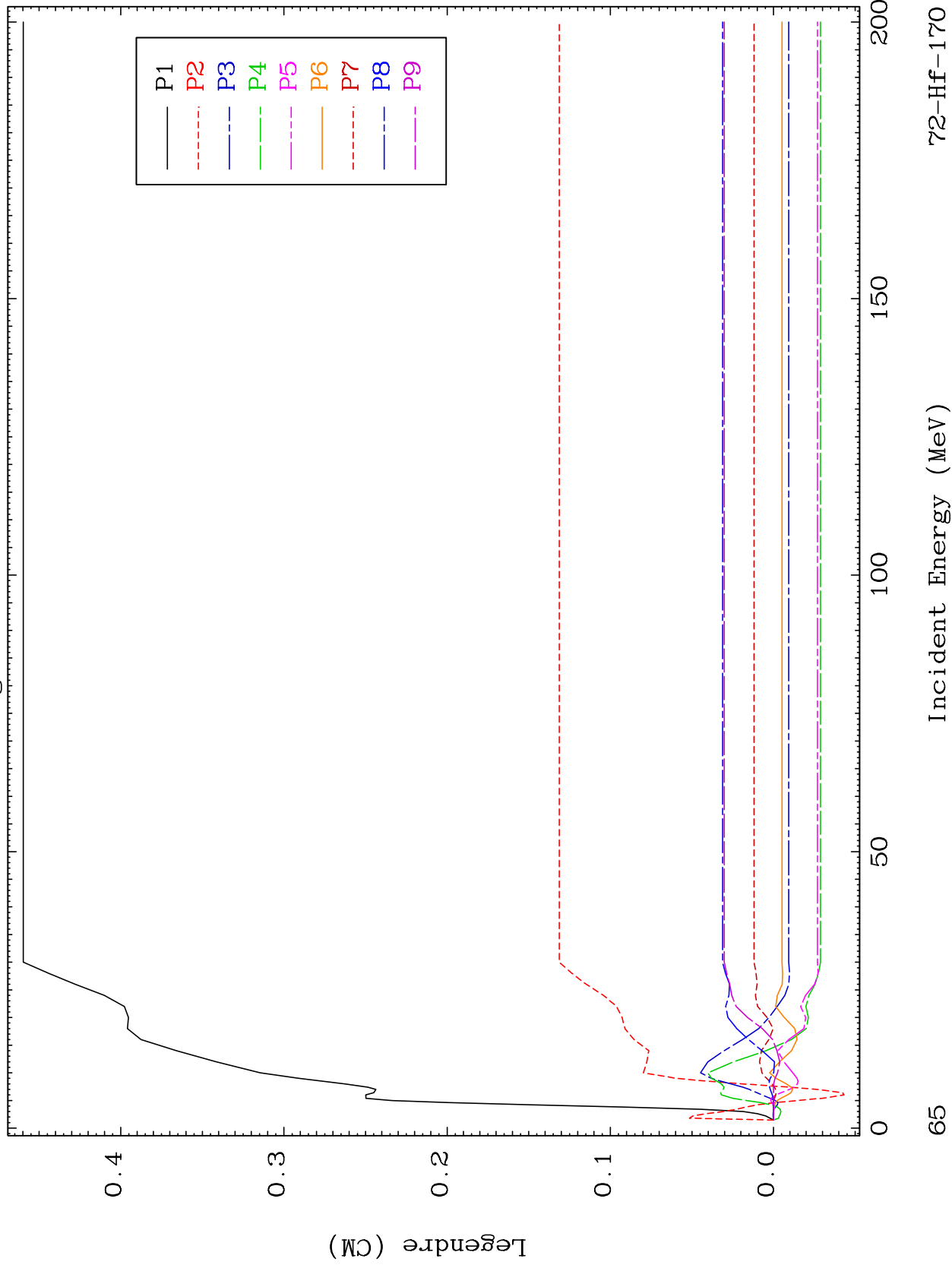




MAT 7213

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

72-Hf-170



72-Hf-170

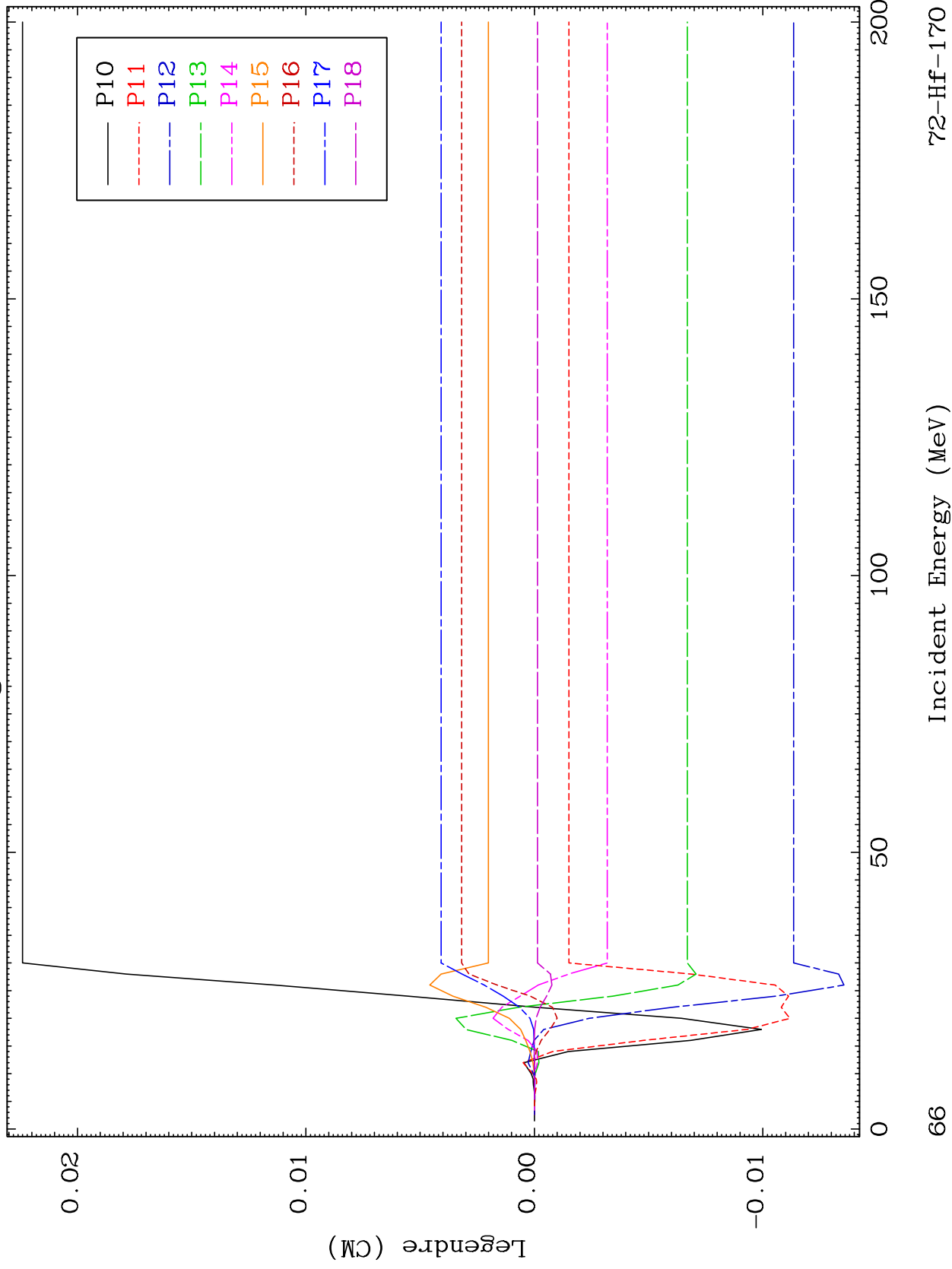
Incident Energy (MeV)

65

MAT 7213

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

72-Hf-170



72-Hf-170

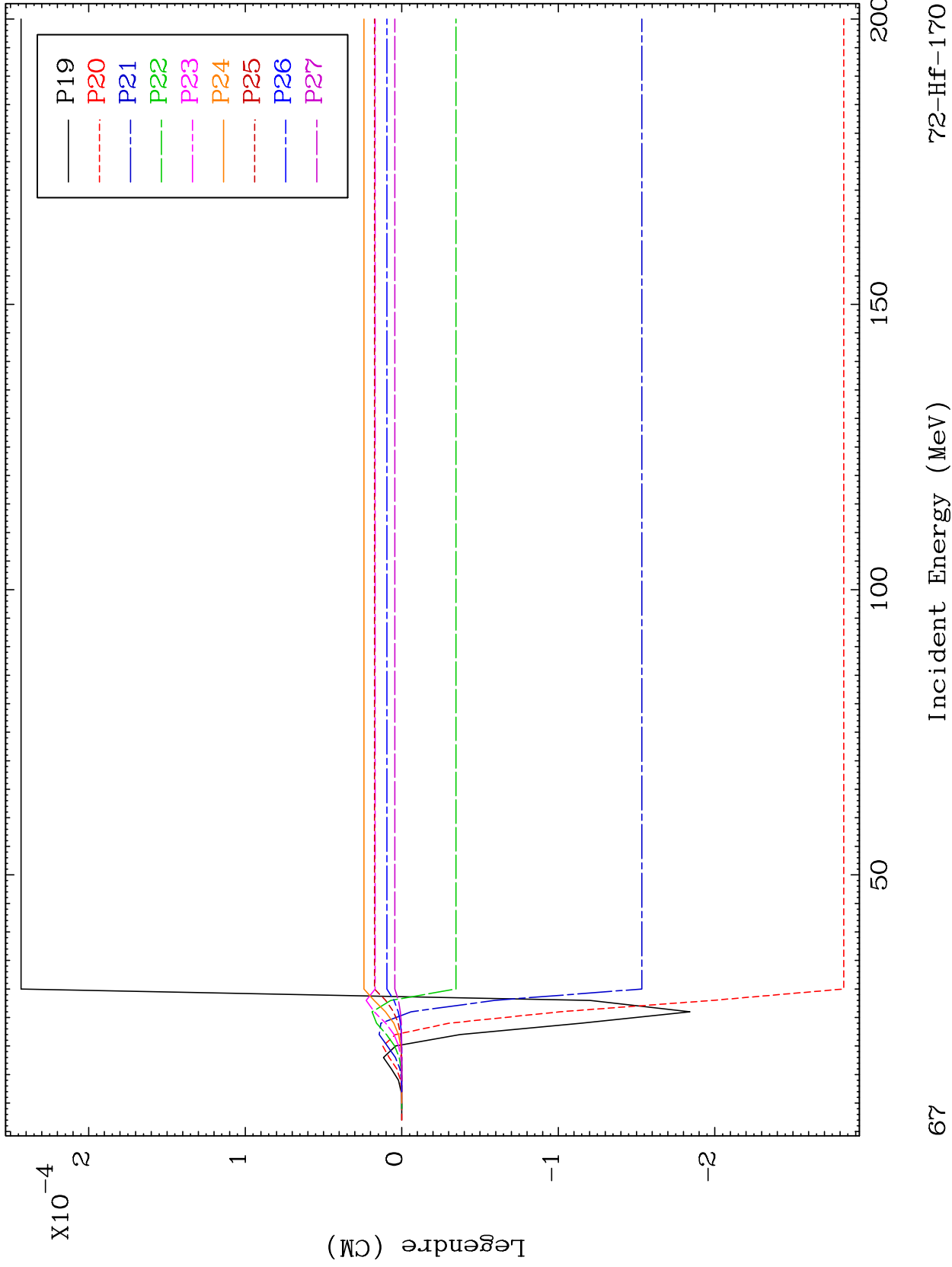
Incident Energy (MeV)

66

MAT 7213

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

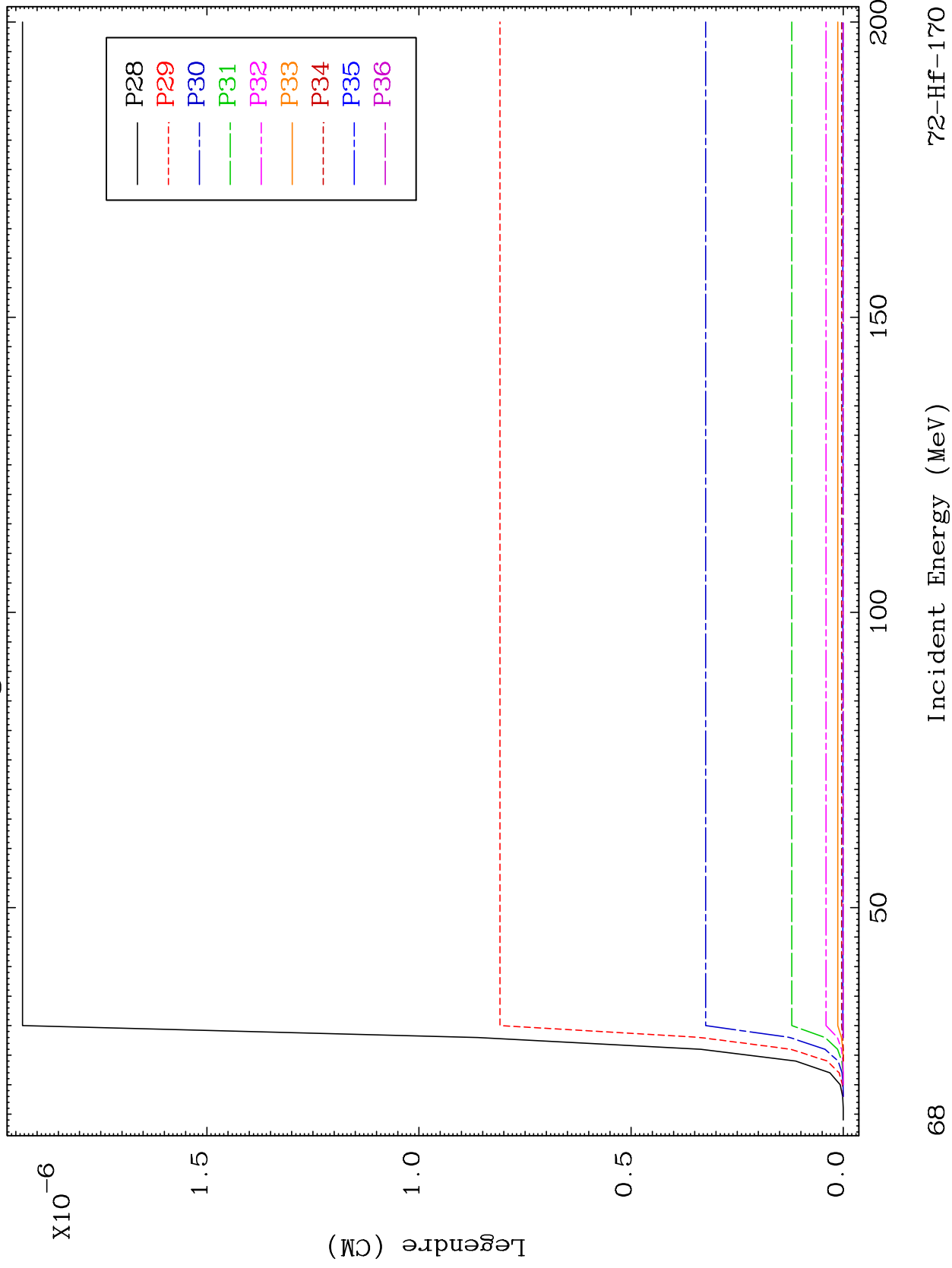
72-Hf-170



MAT 7213

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

72-Hf-170



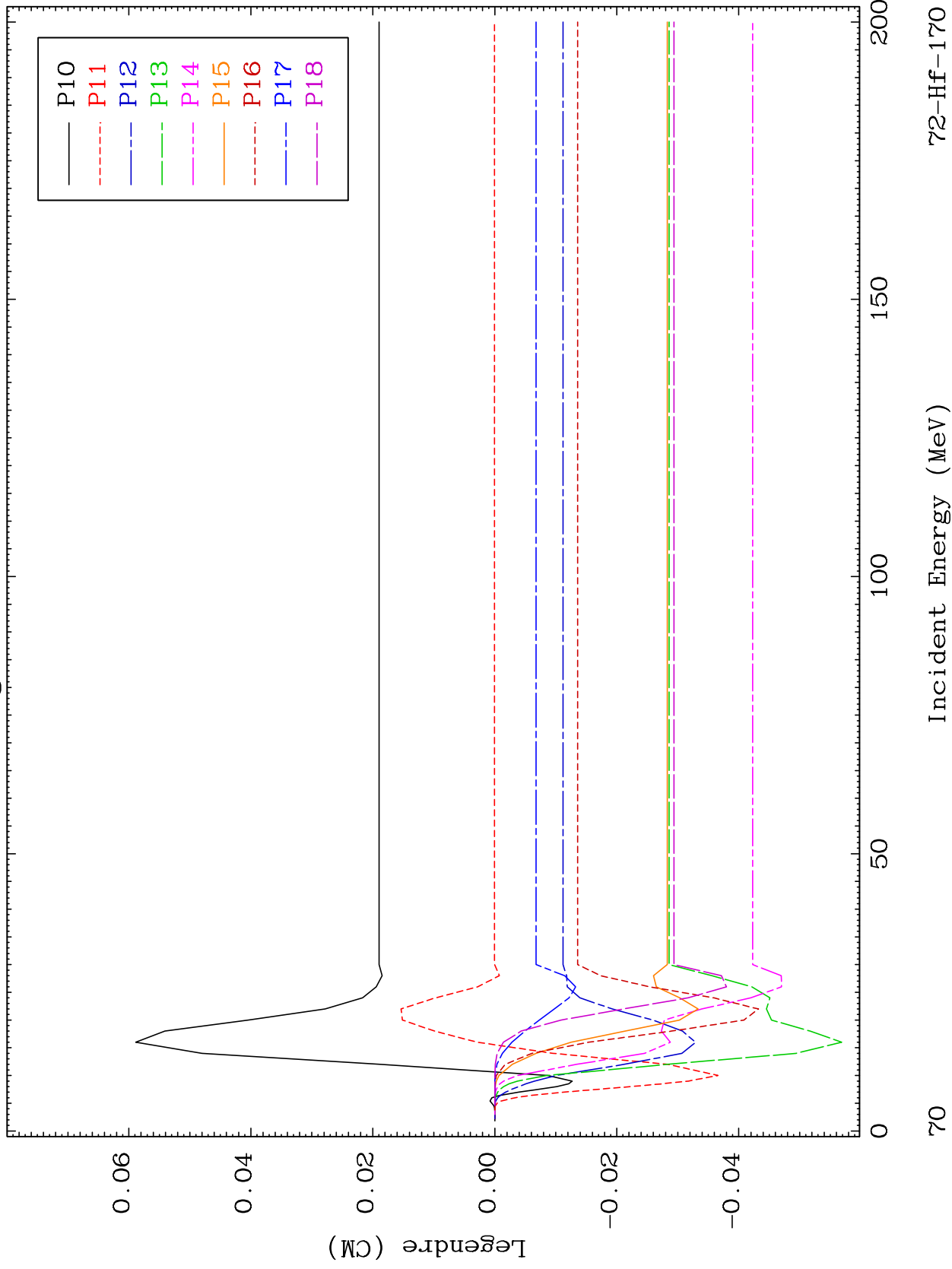
68



MAT 7213

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

72-Hf-170



72-Hf-170

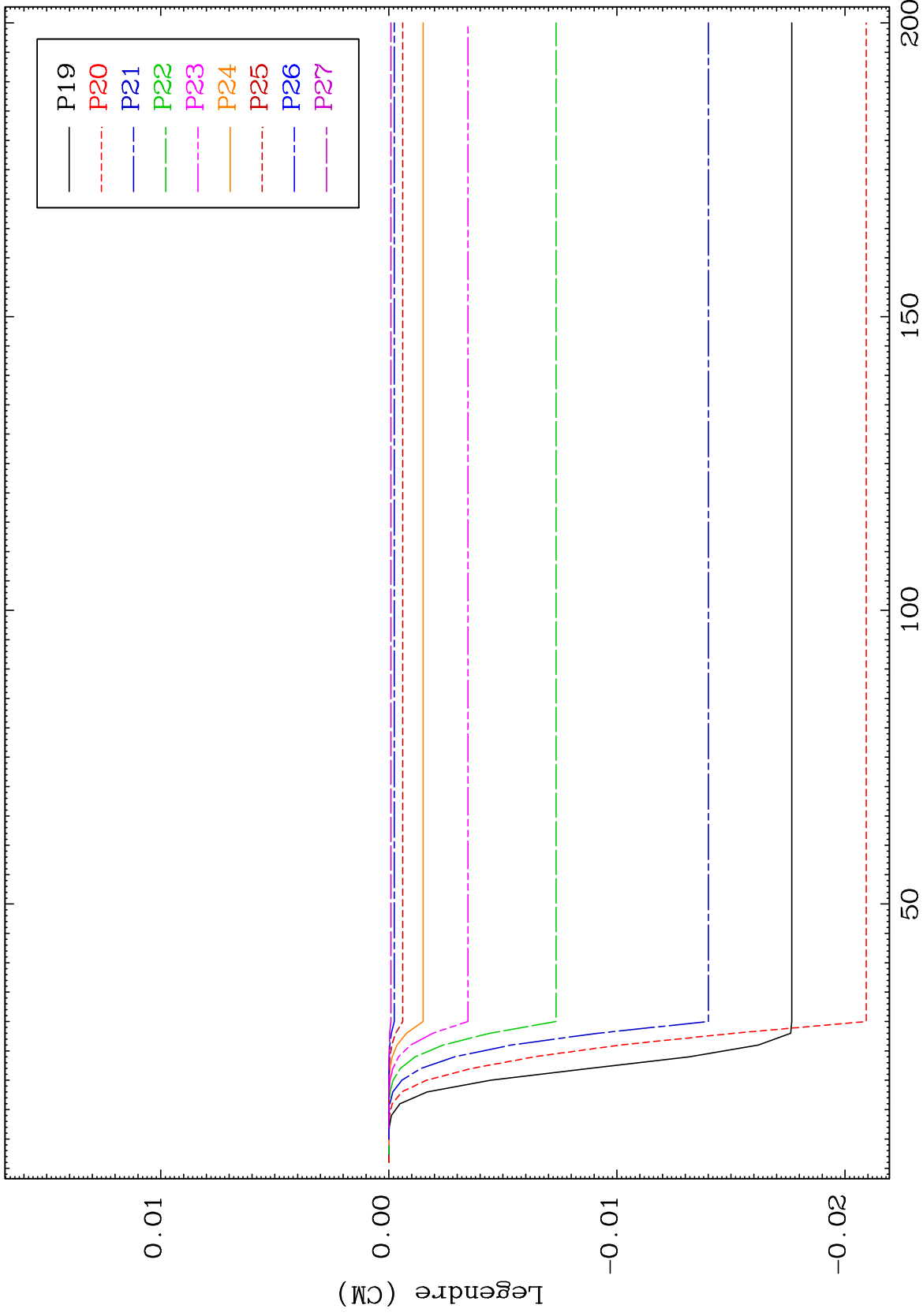
Incident Energy (MeV)

70

MAT 7213

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

72-Hf-170

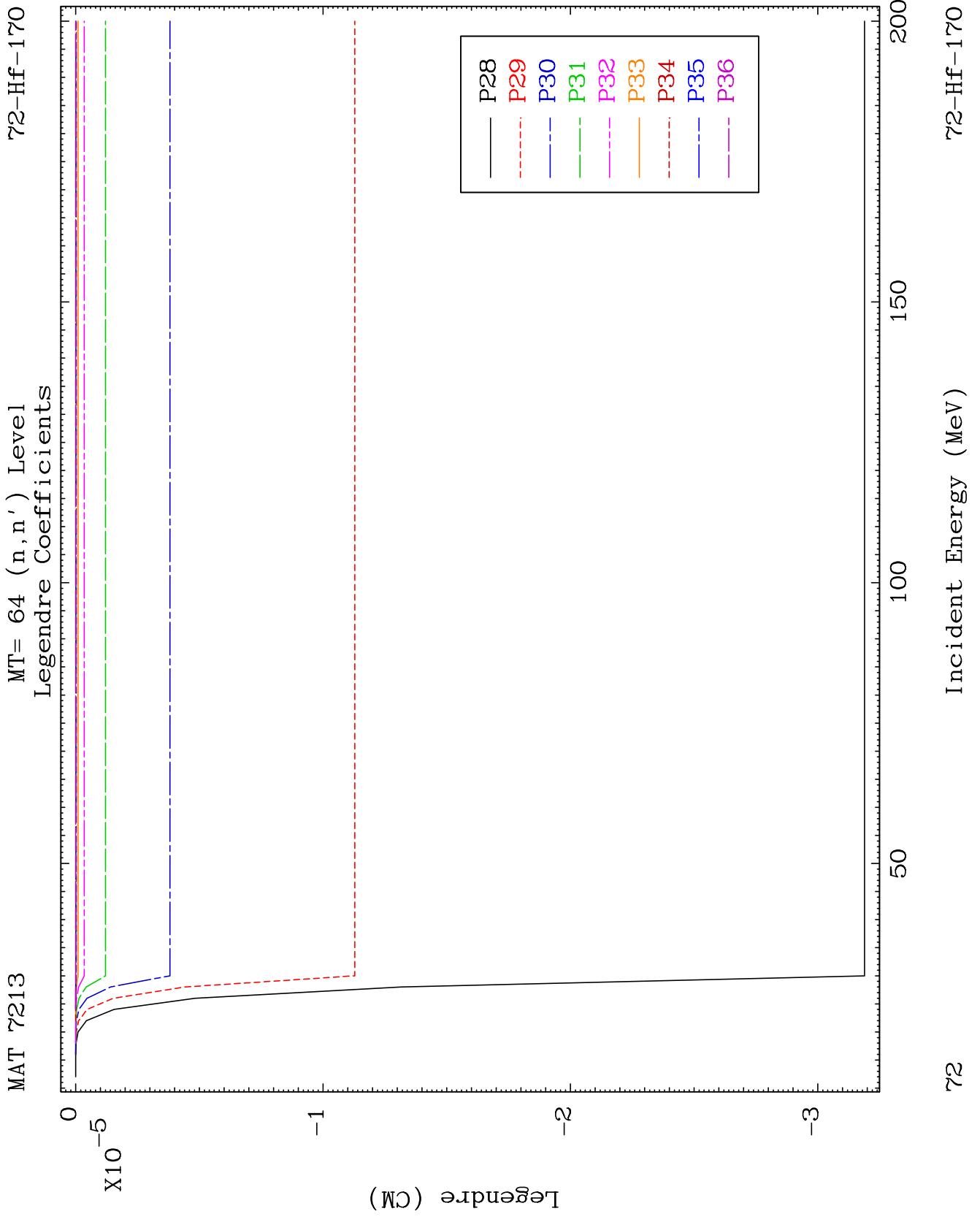


71

Incident Energy (MeV)

72-Hf-170

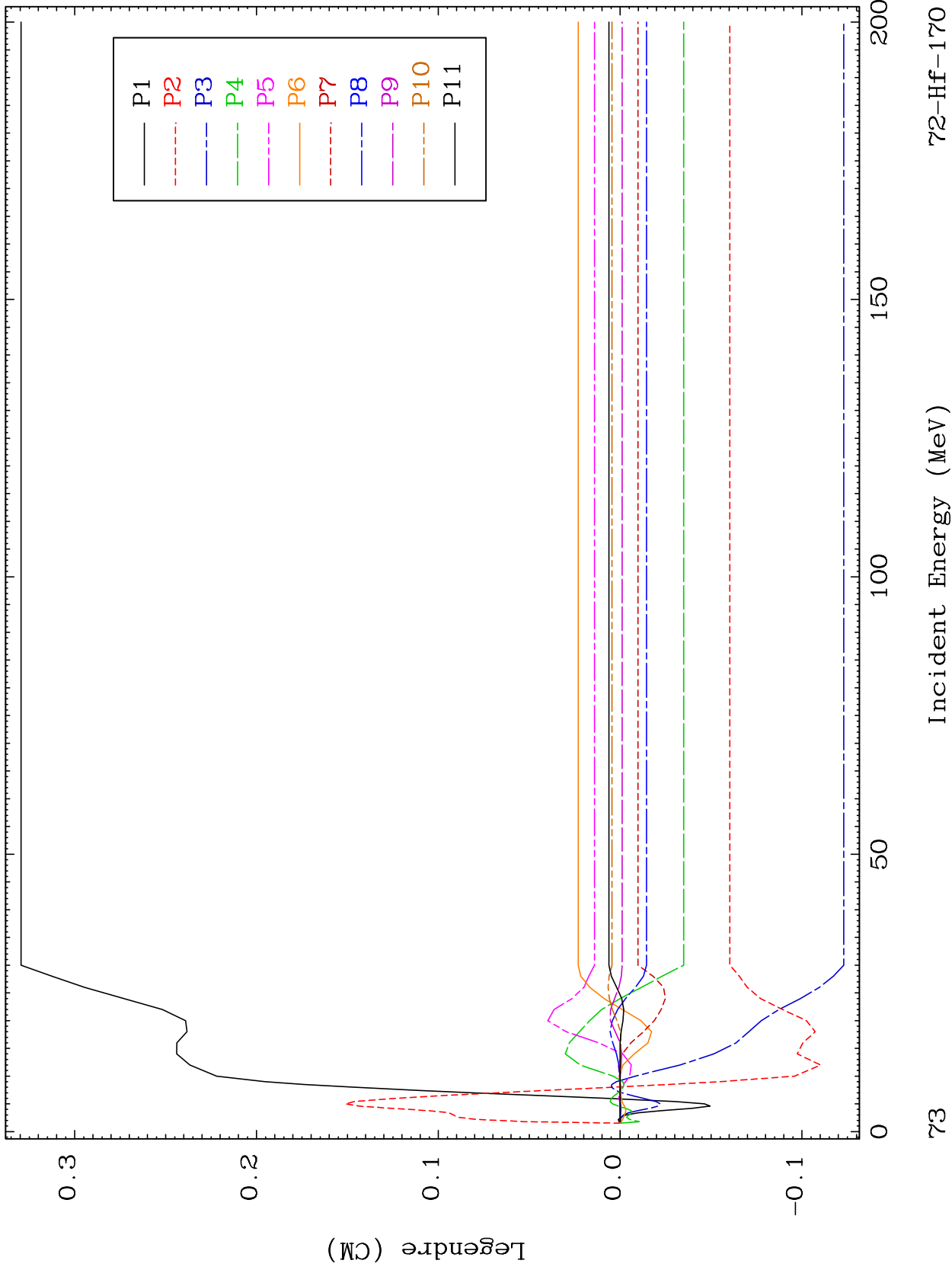




MAT 7213

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

72-Hf-170



72-Hf-170

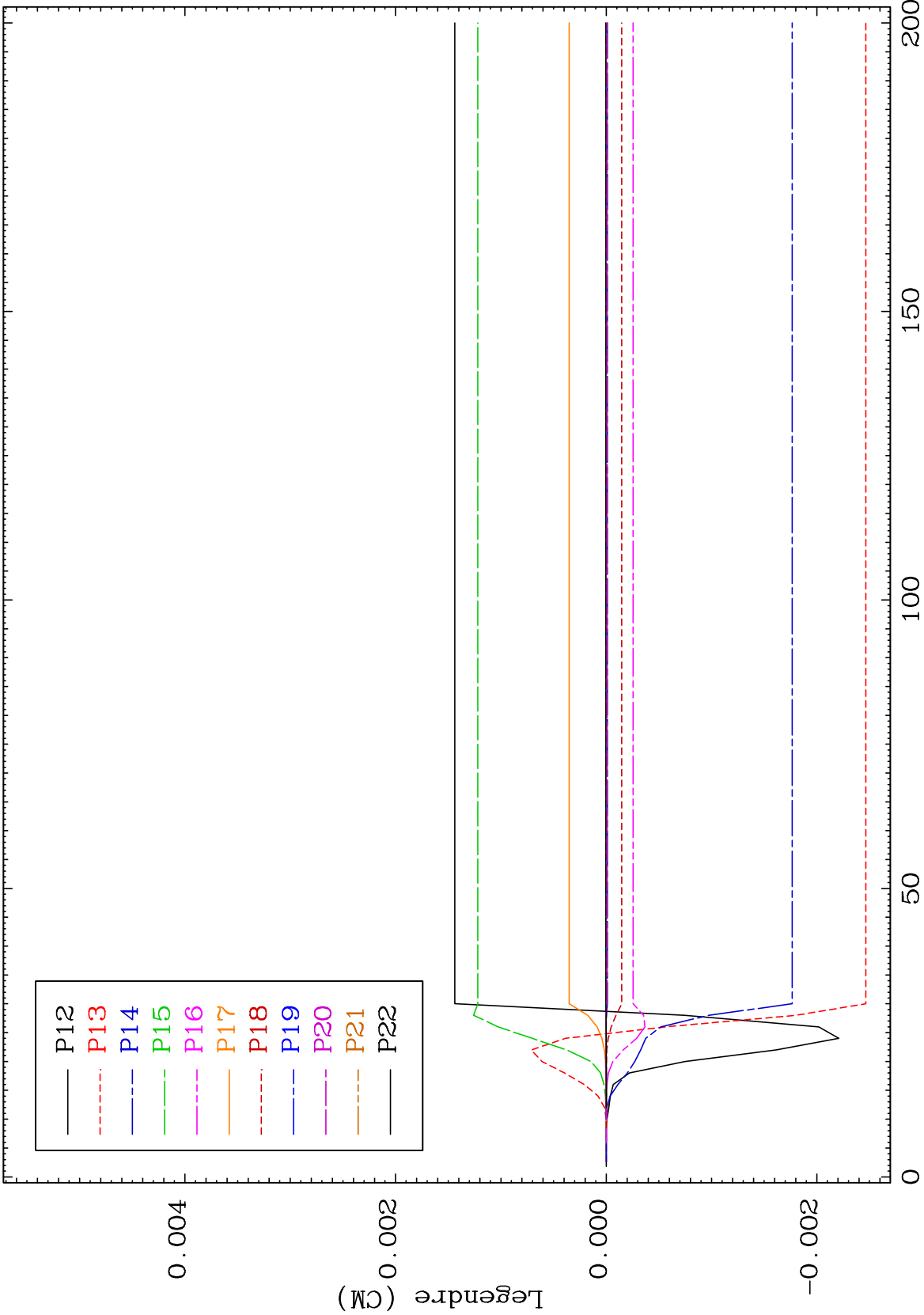
Incident Energy (MeV)

73

MAT 7213

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

72-Hf-170



74

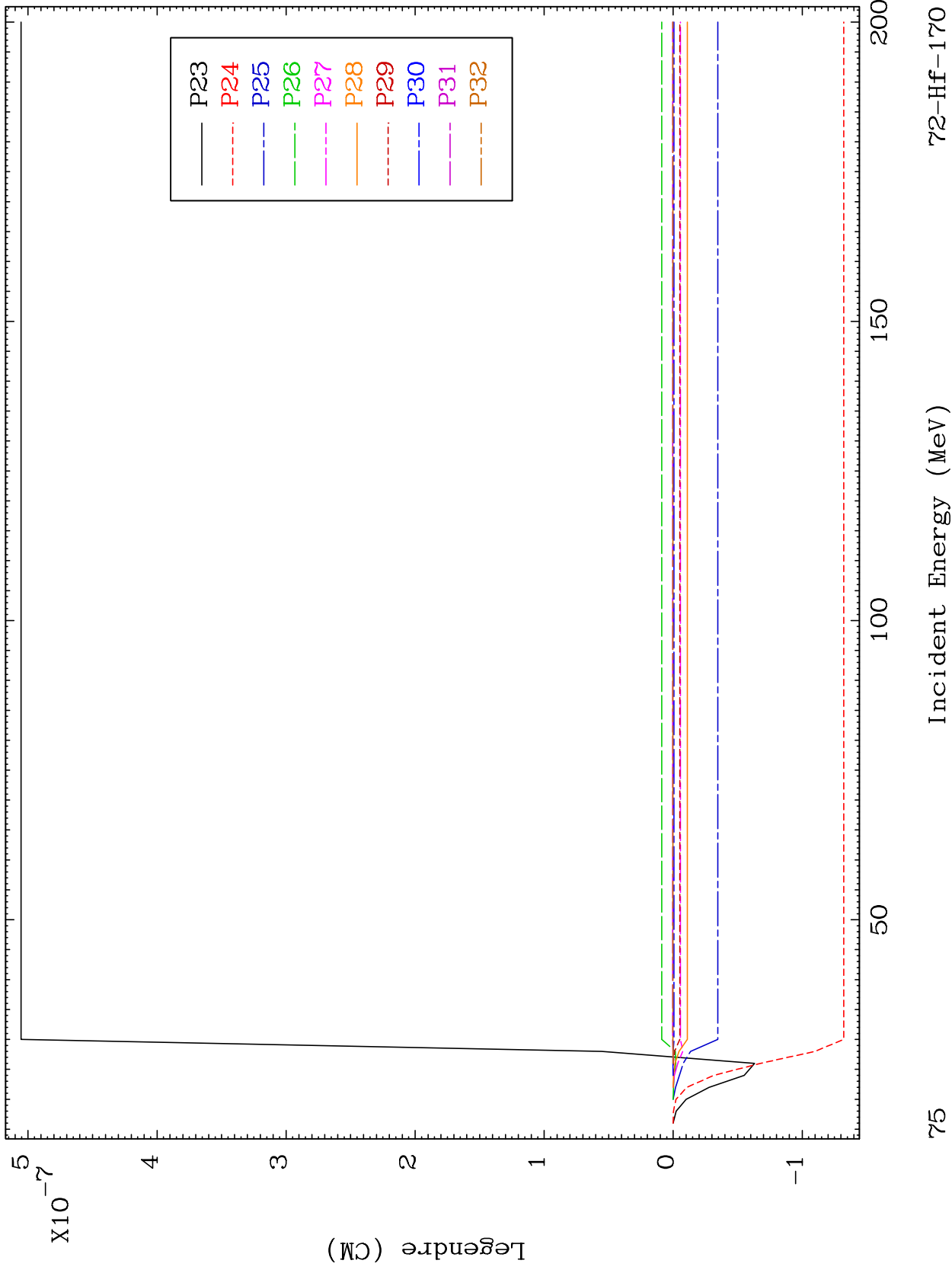
Incident Energy (MeV)

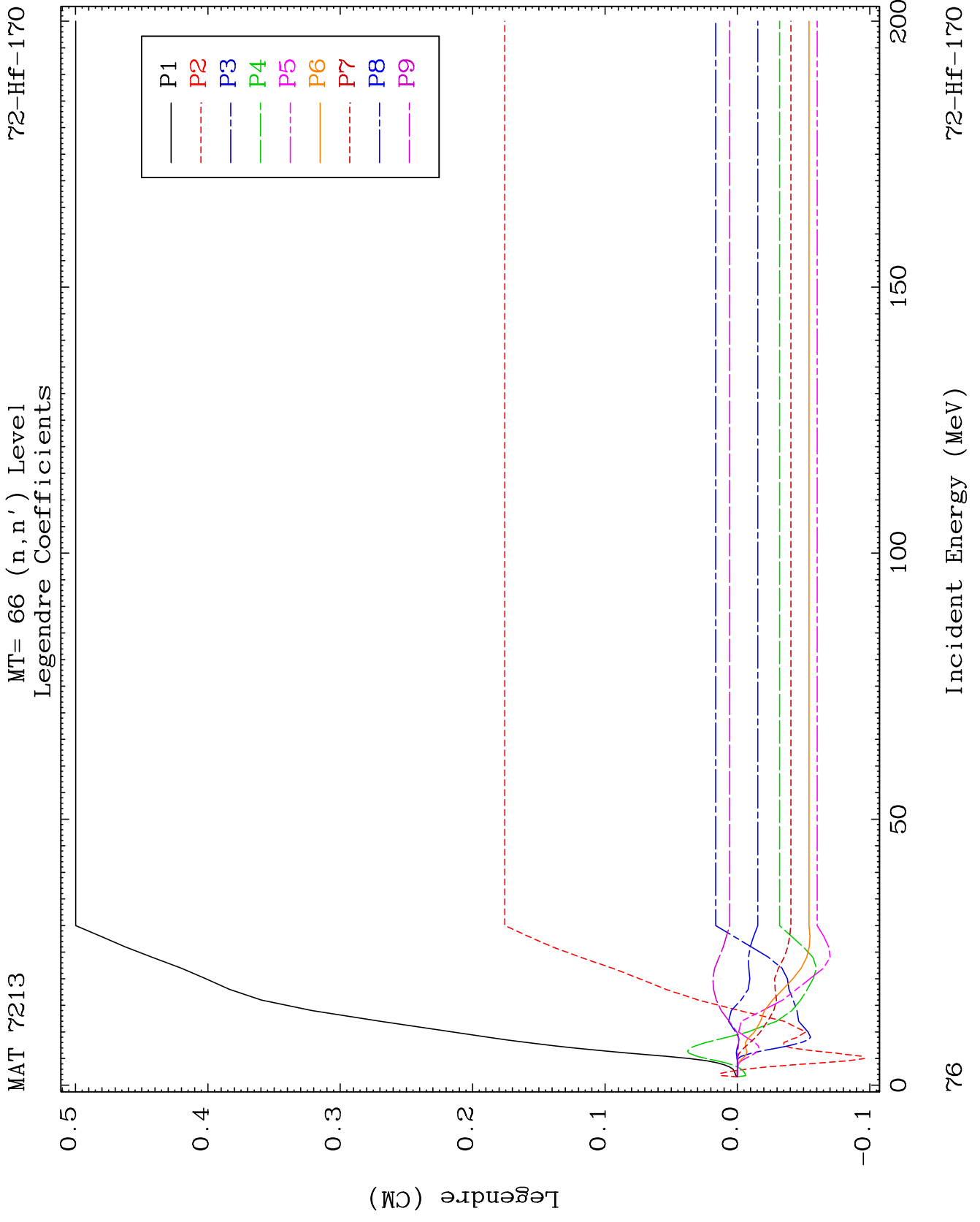
72-Hf-170

MAT 7213

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

72-Hf-170

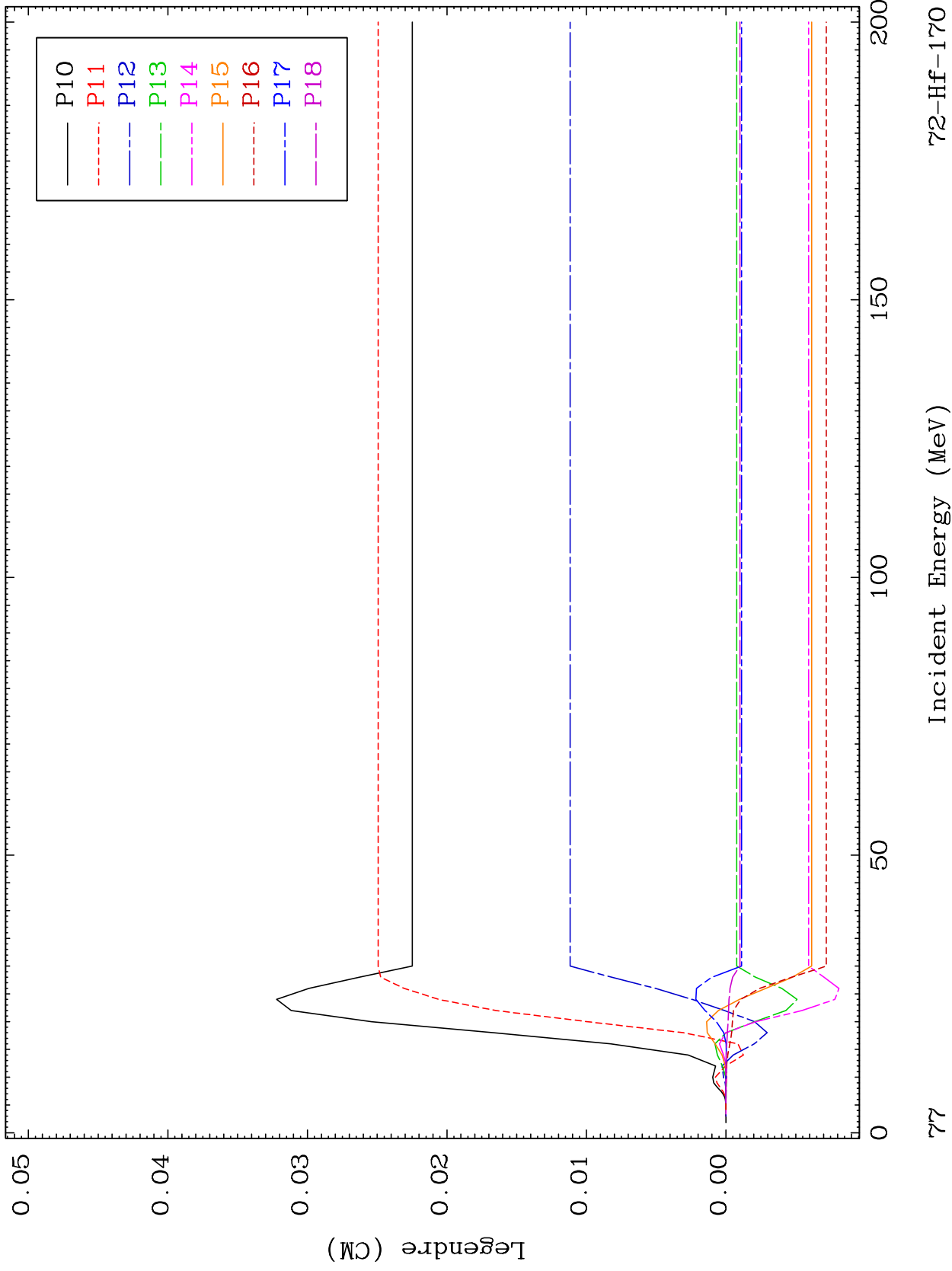




MAT 7213

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

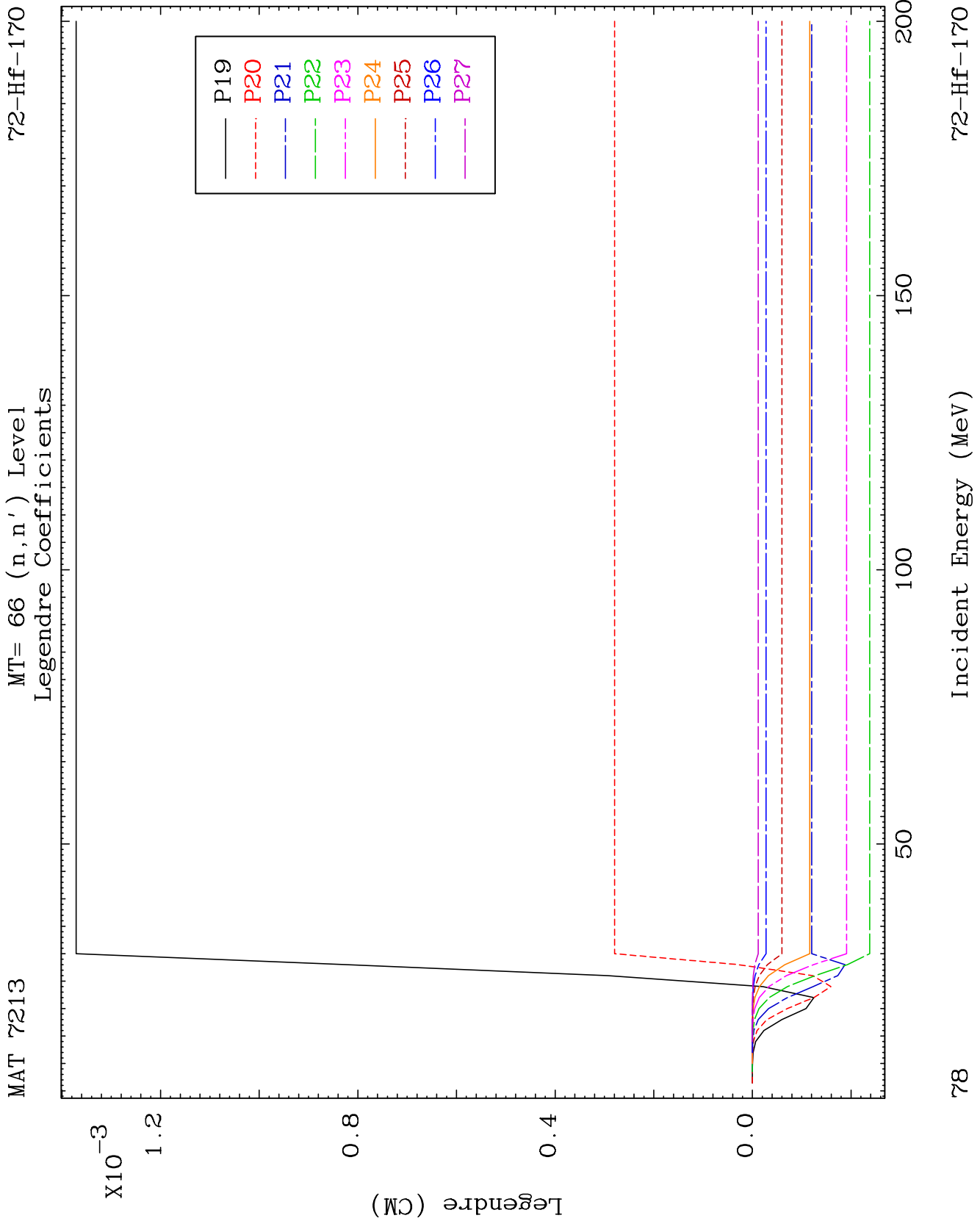
72-Hf-170

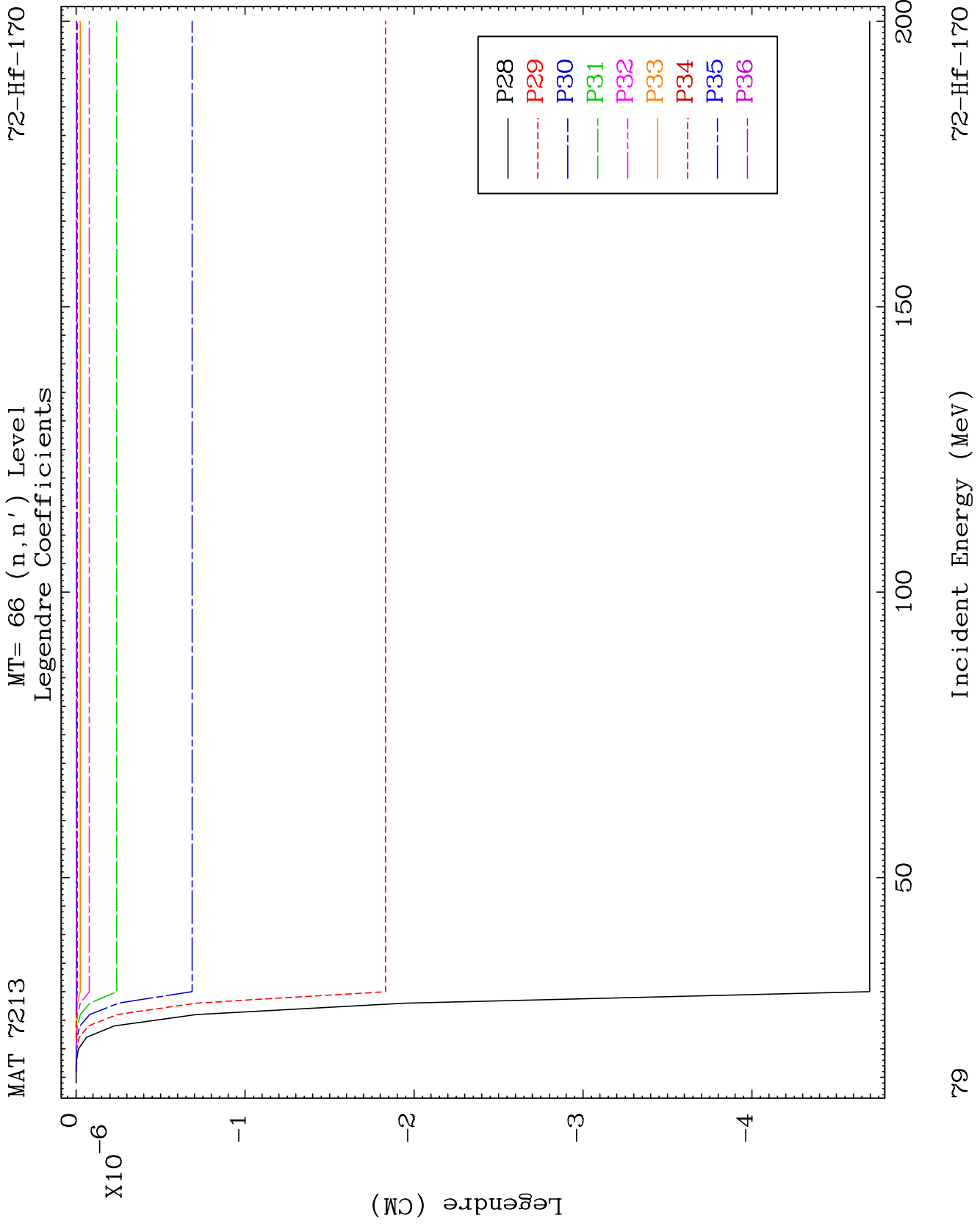


77

Incident Energy (MeV)

72-Hf-170





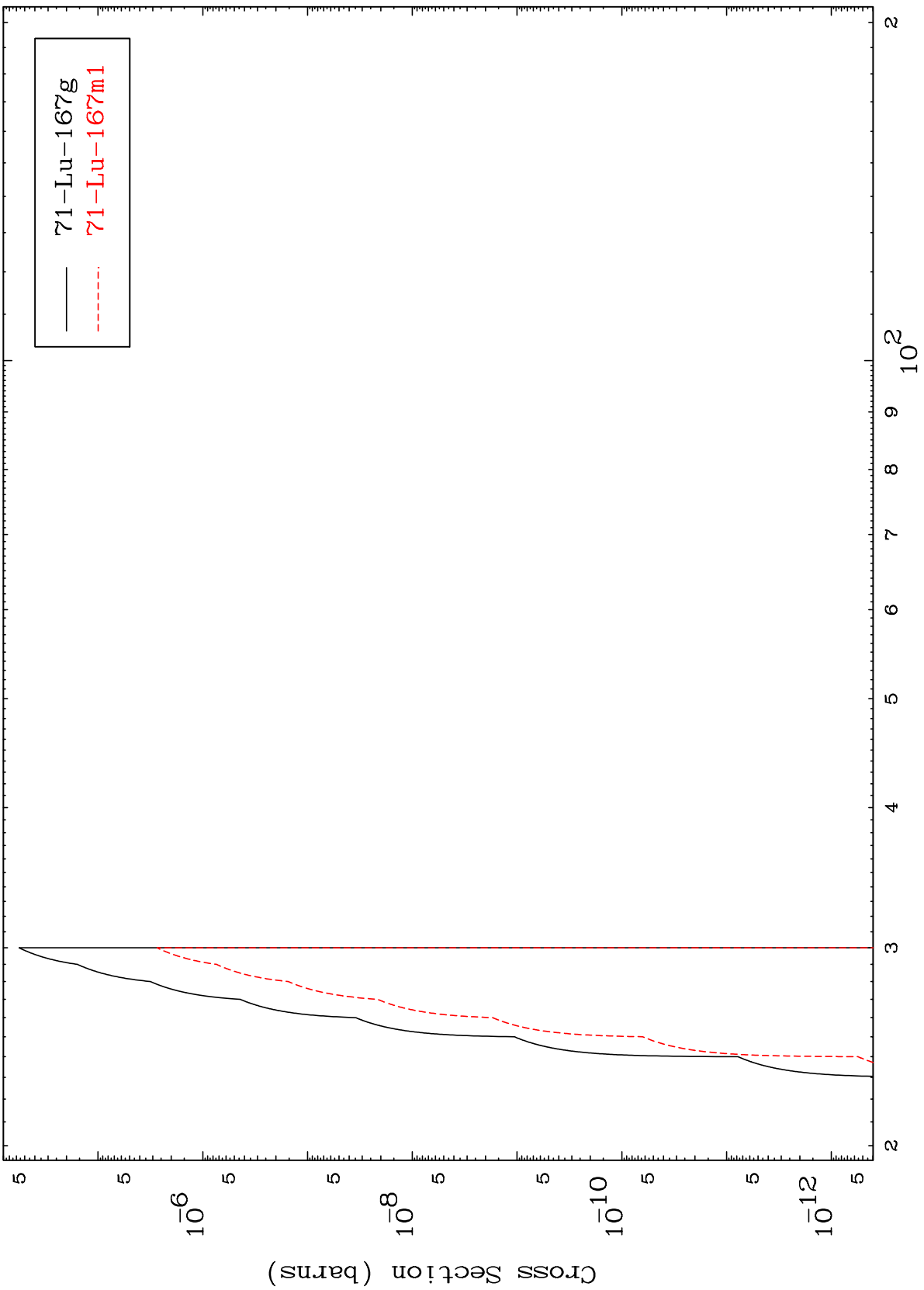


MAT 7213

(n,2n) d

72-Hf-170

Radionuclide Production Cross Section



80

Incident Energy (MeV)

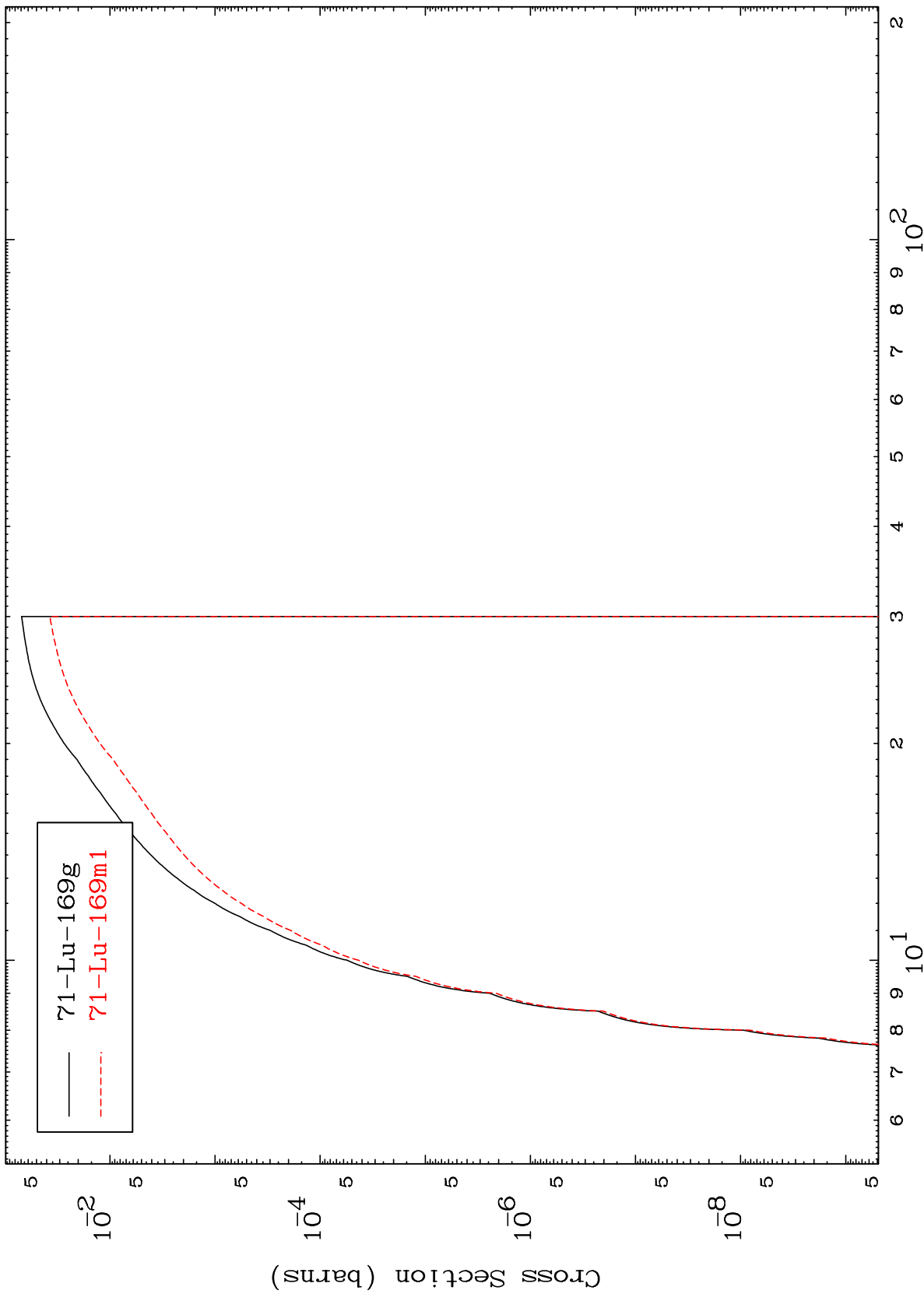
72-Hf-170

MAT 7213

(n,n') p

72-Hf-170

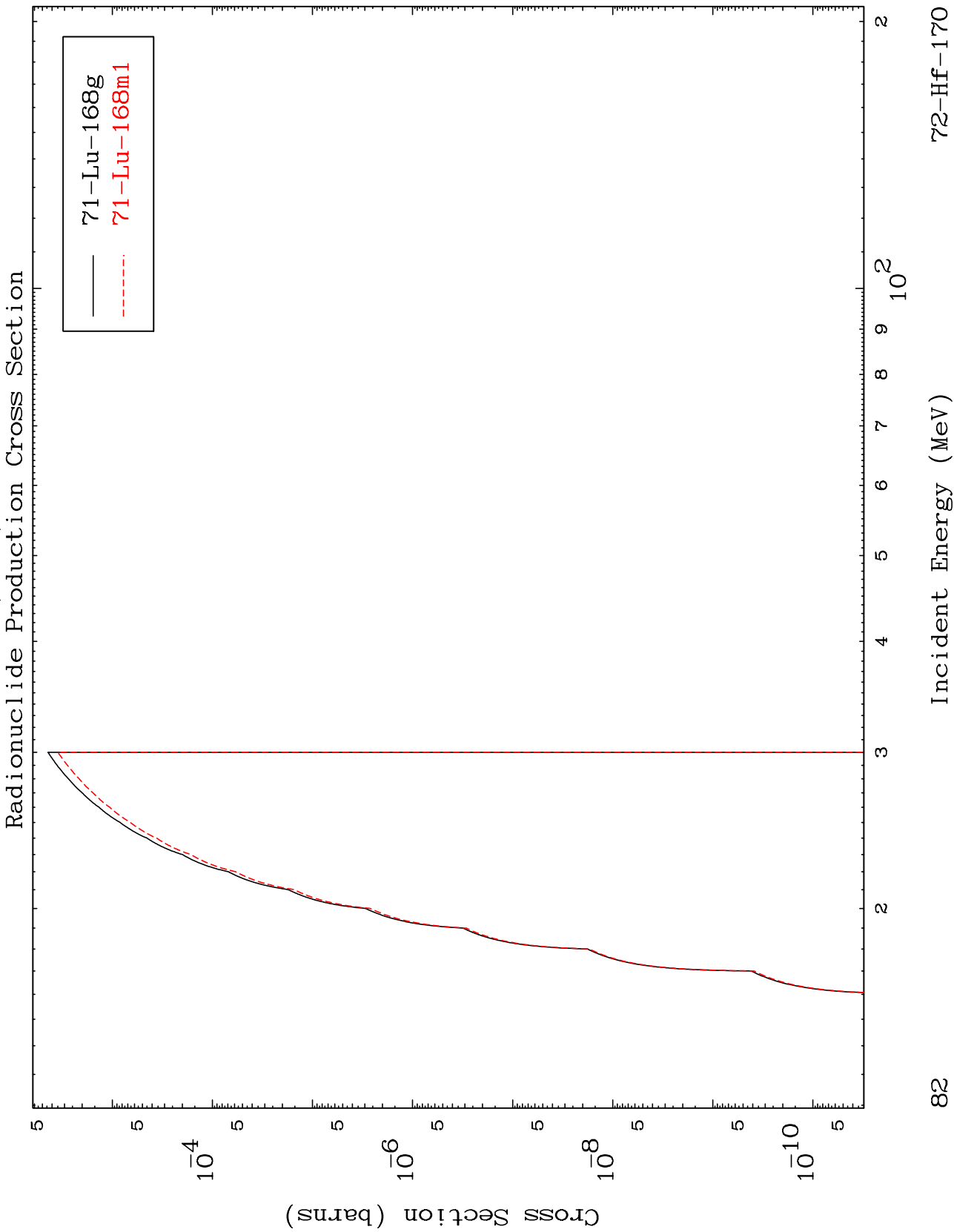
Radionuclide Production Cross Section



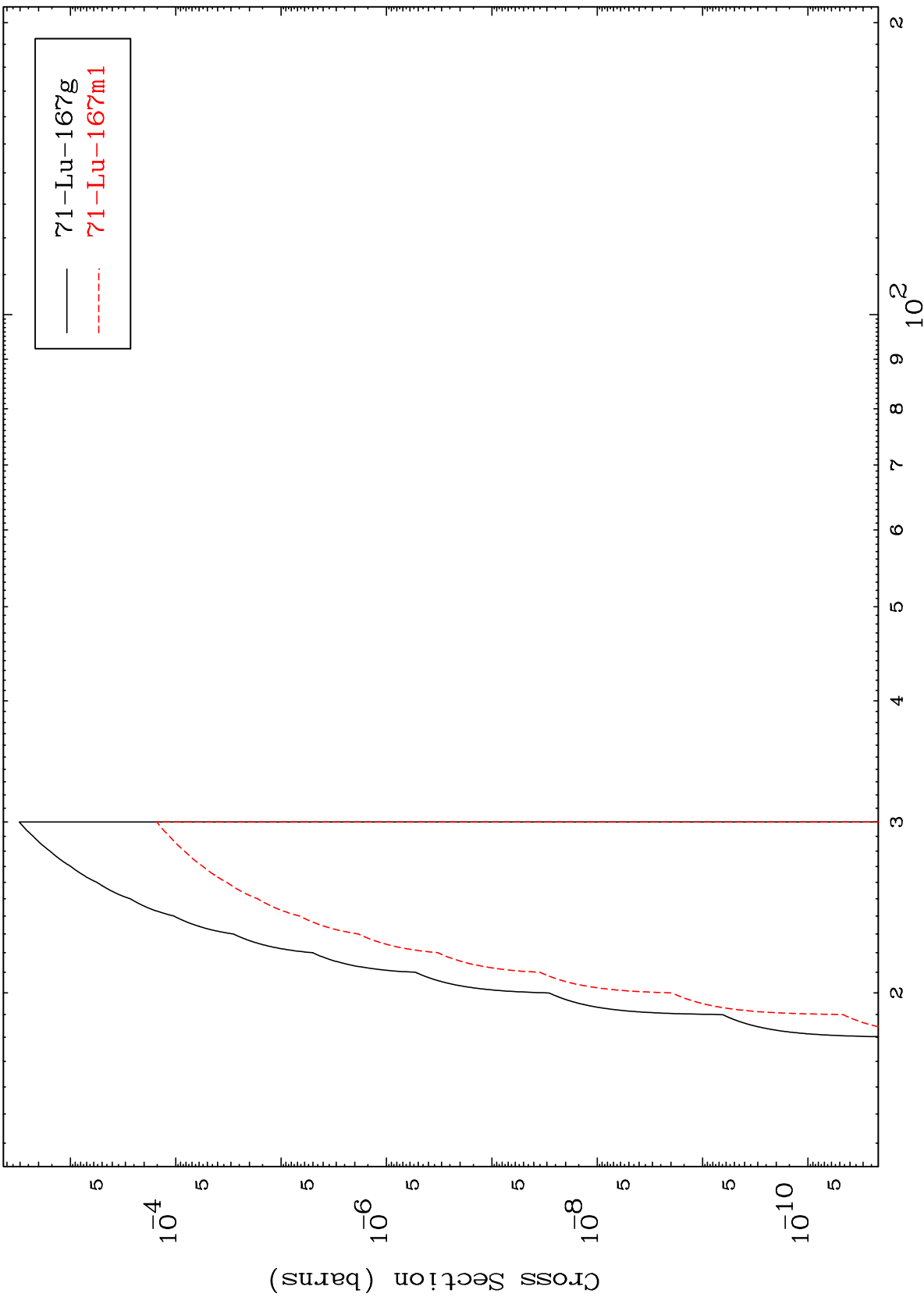
81

Incident Energy (MeV)

72-Hf-170

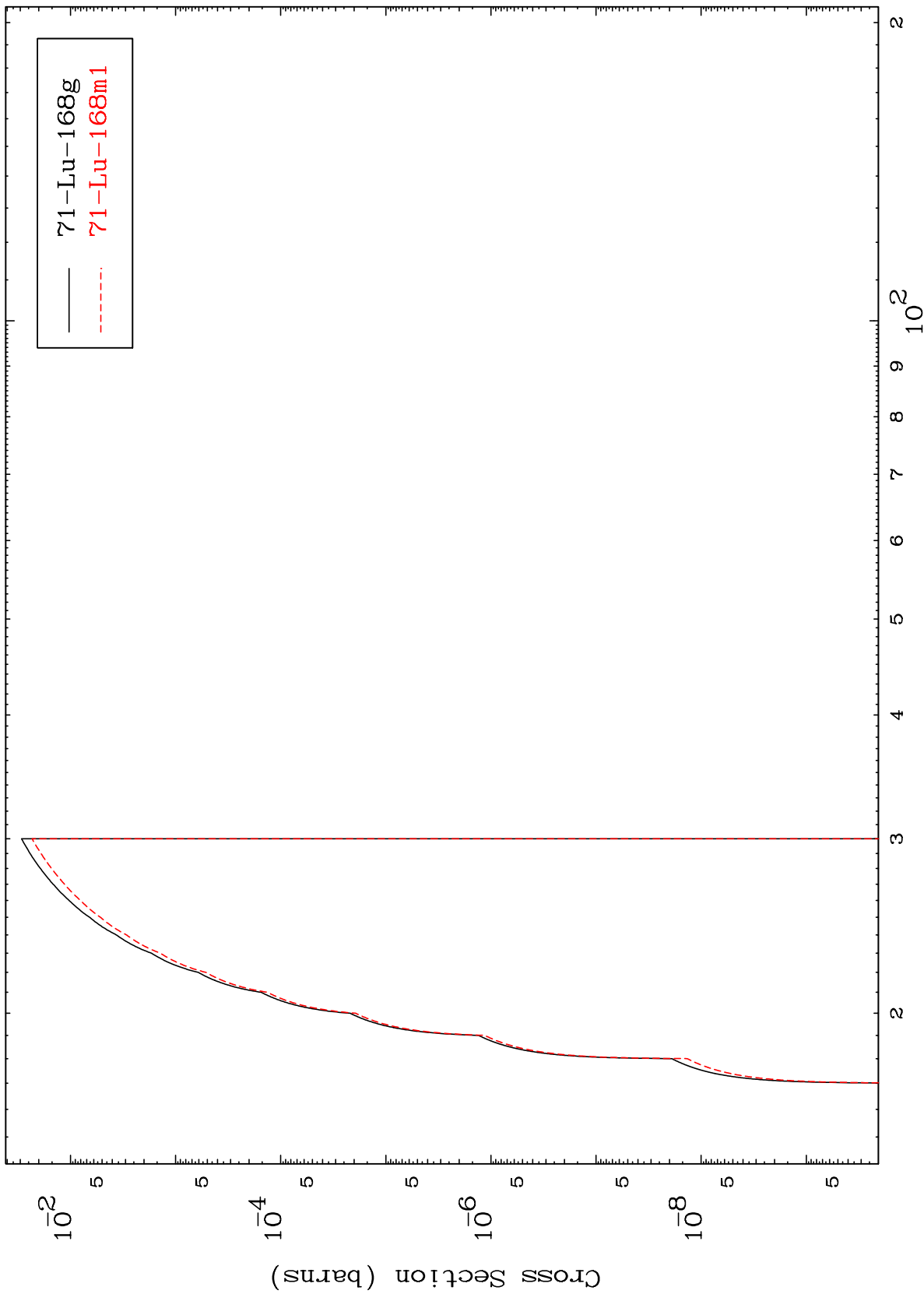


Radionuclide Production Cross Section

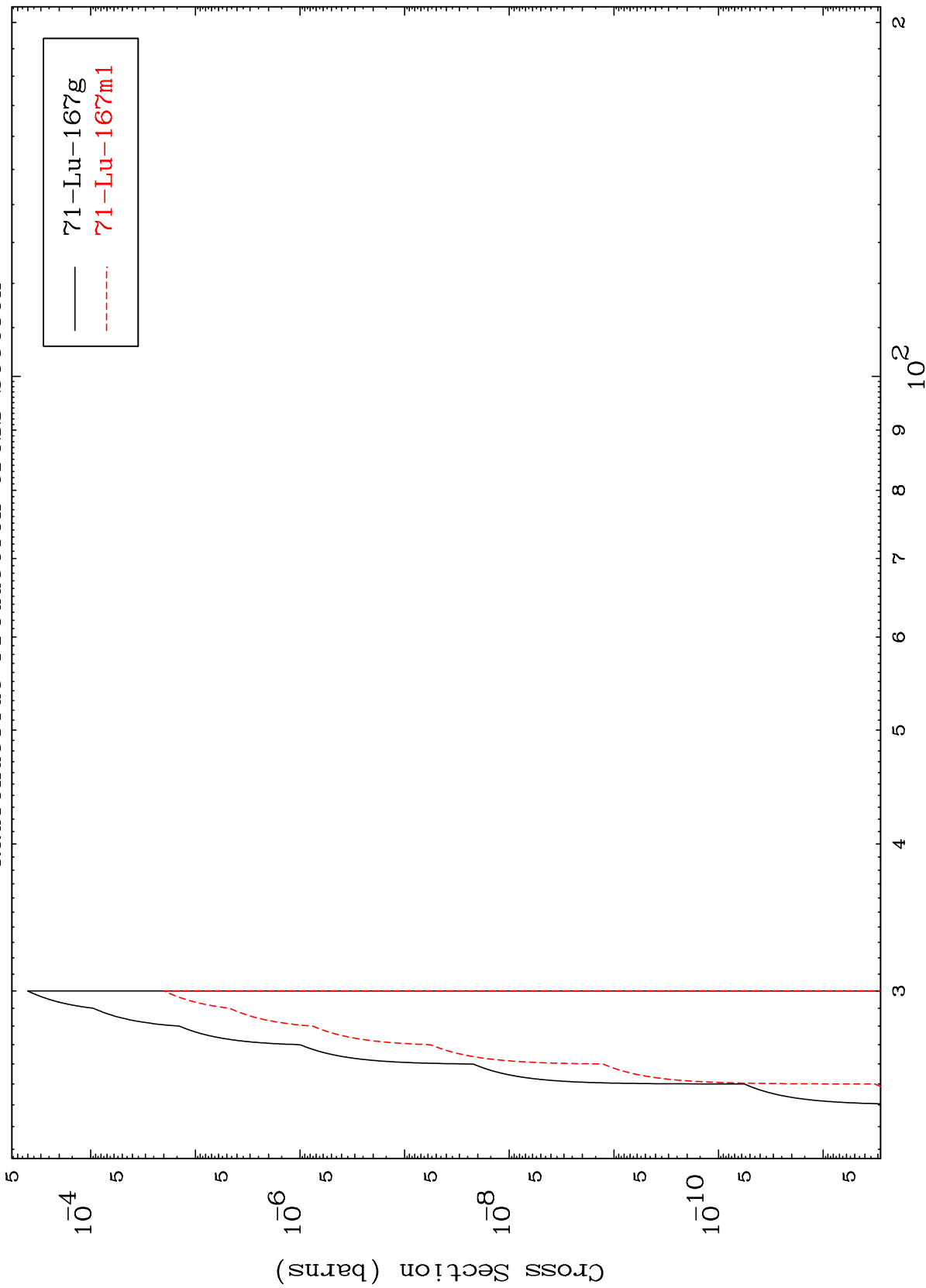


71-Lu-167g  
71-Lu-167m1

(n,2n) p  
Radionuclide Production Cross Section



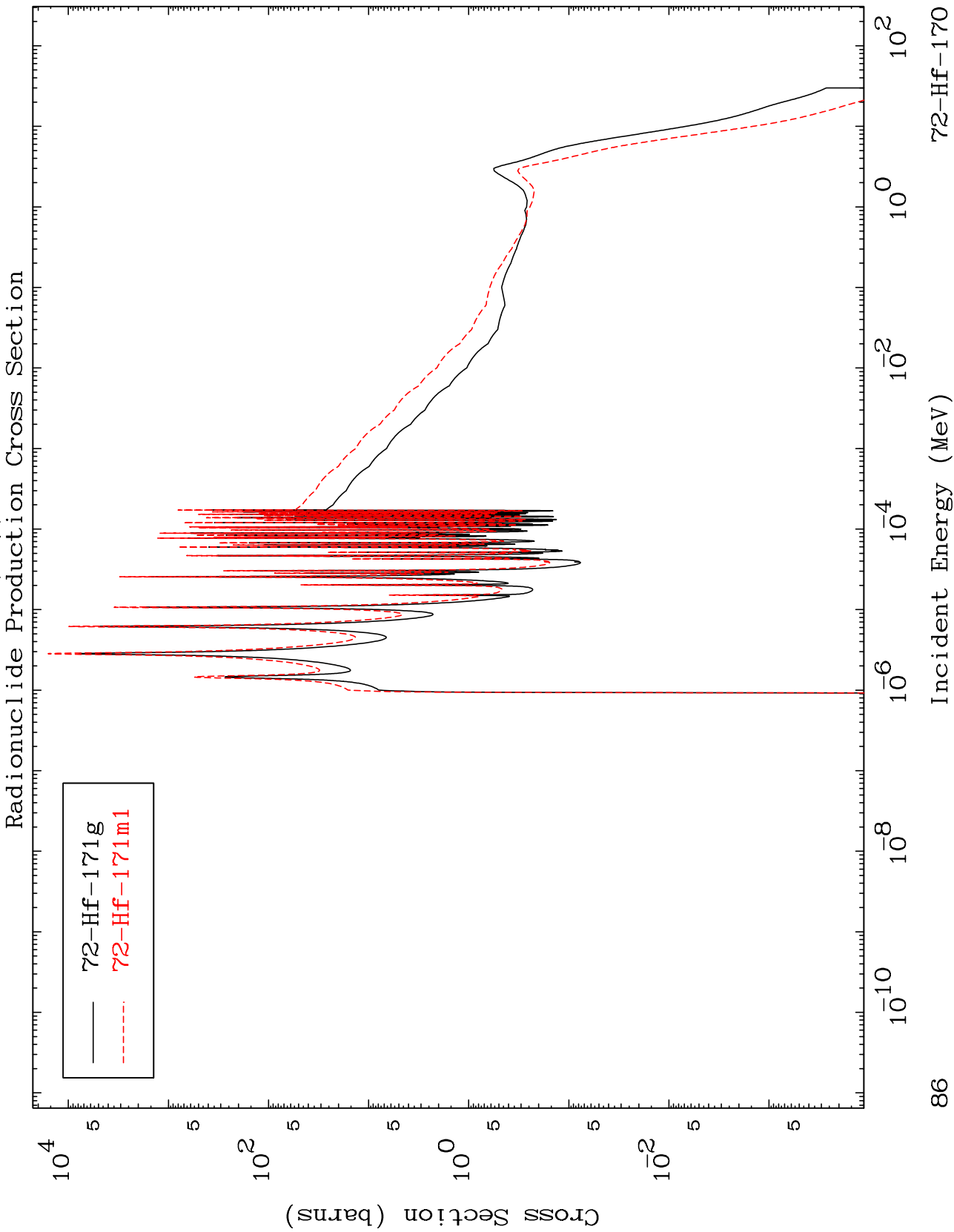
Radionuclide Production Cross Section



71-Lu-167g  
71-Lu-167m1

MAT 7213

<sup>72</sup>Hf-170

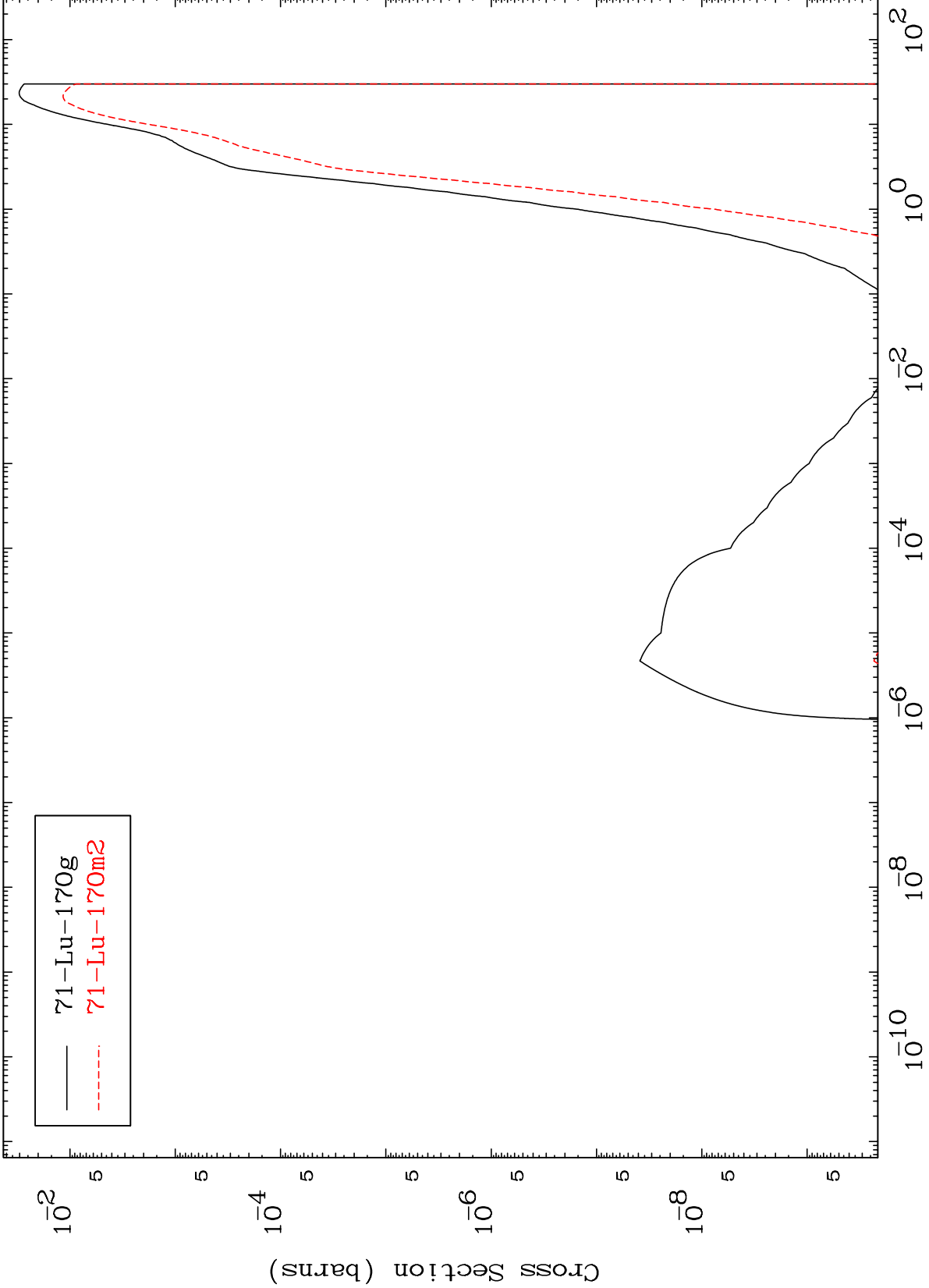
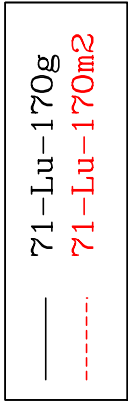


MAT 7213

(n,p)

72-Hf-170

Radionuclide Production Cross Section



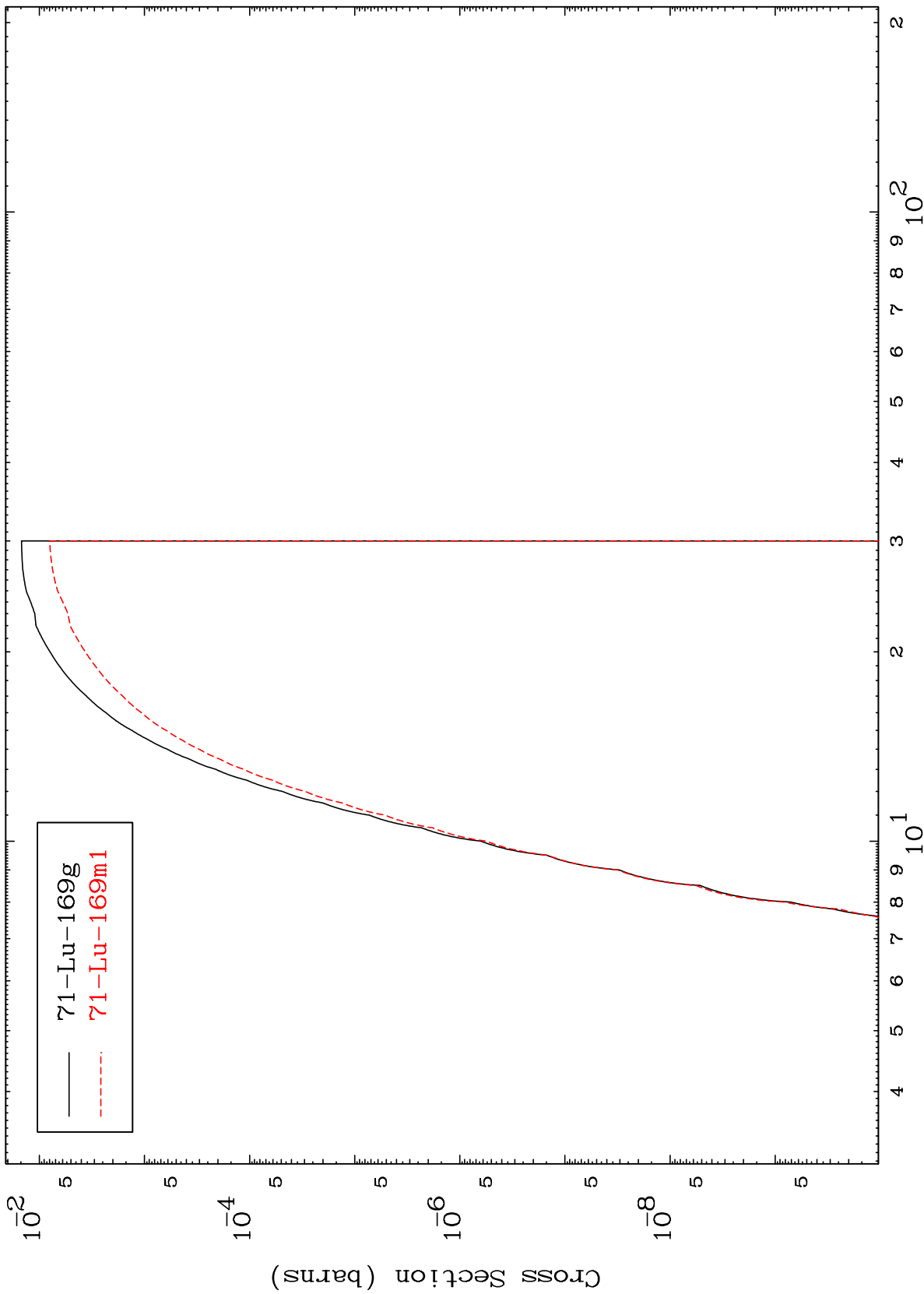


MAT 7213

(n,d)

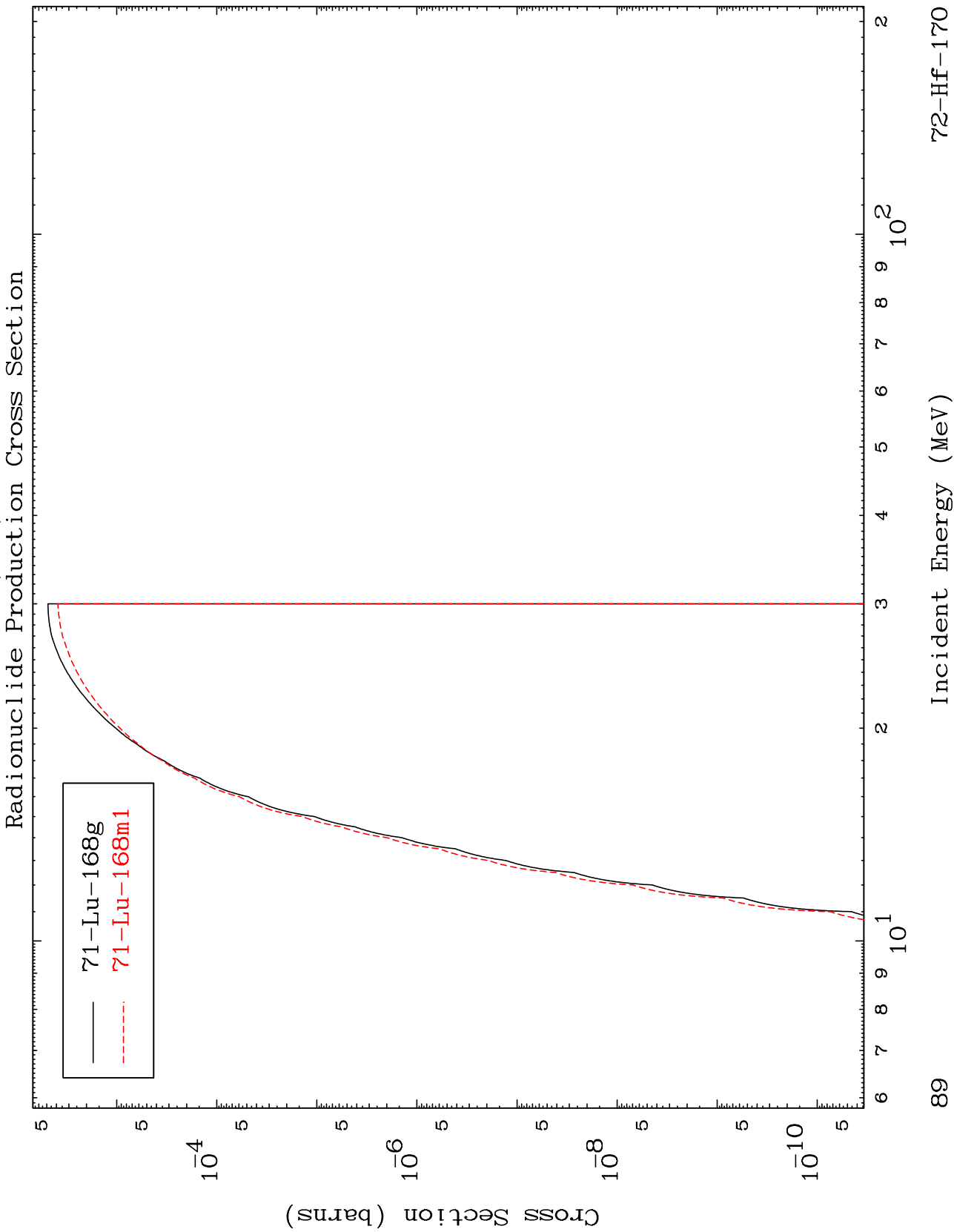
72-Hf-170

Radionuclide Production Cross Section



MAT 7213

72-Hf-170



89

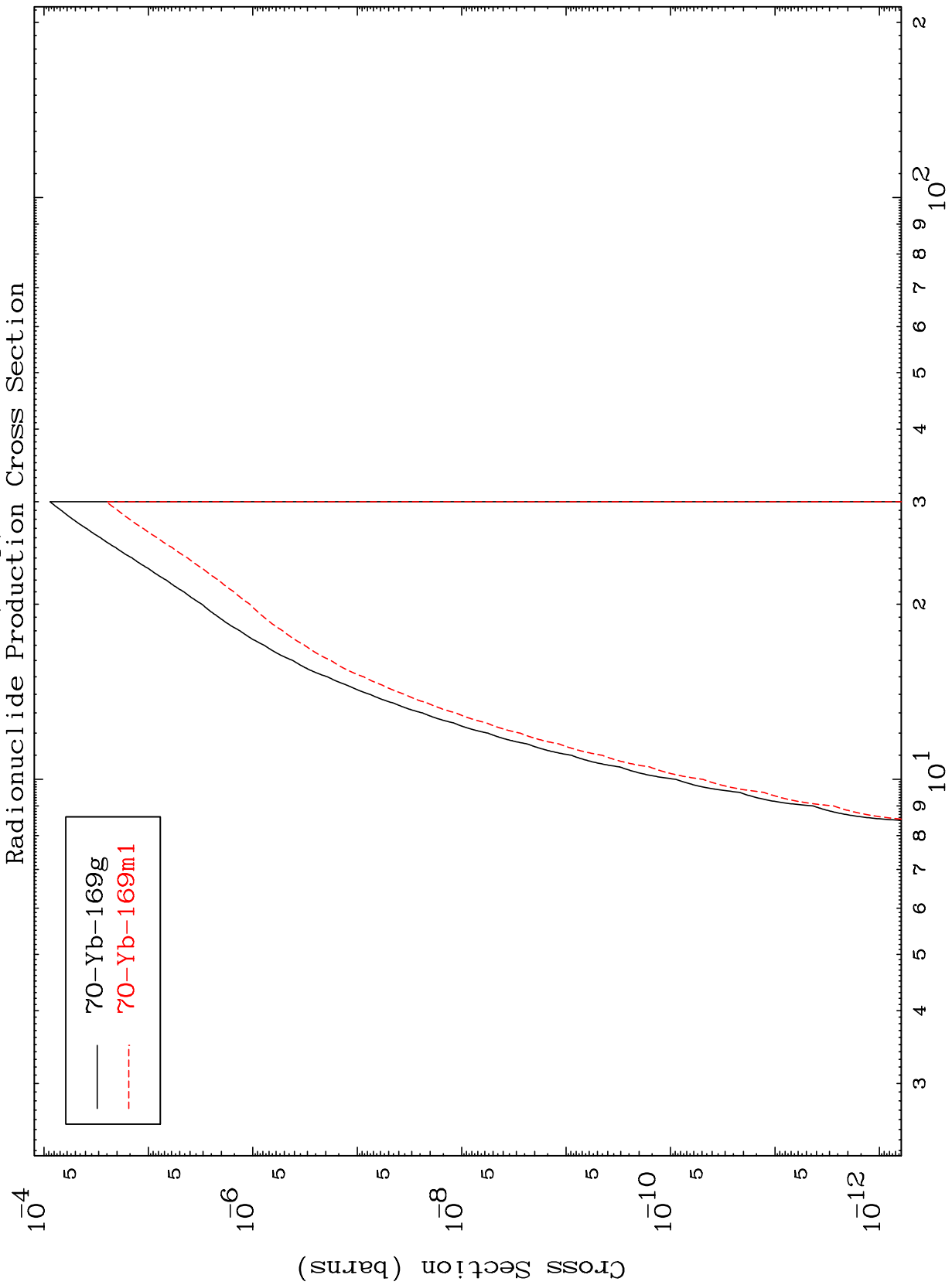
Incident Energy (MeV)

72-Hf-170

MAT 7213

72-Hf-170

(n,2p)  
Radionuclide Production Cross Section



— 70-Yb-169g  
- - - 70-Yb-169m1

90

Incident Energy (MeV)

72-Hf-170