

Program EVALPLOT  
(Version 2018-1)

by

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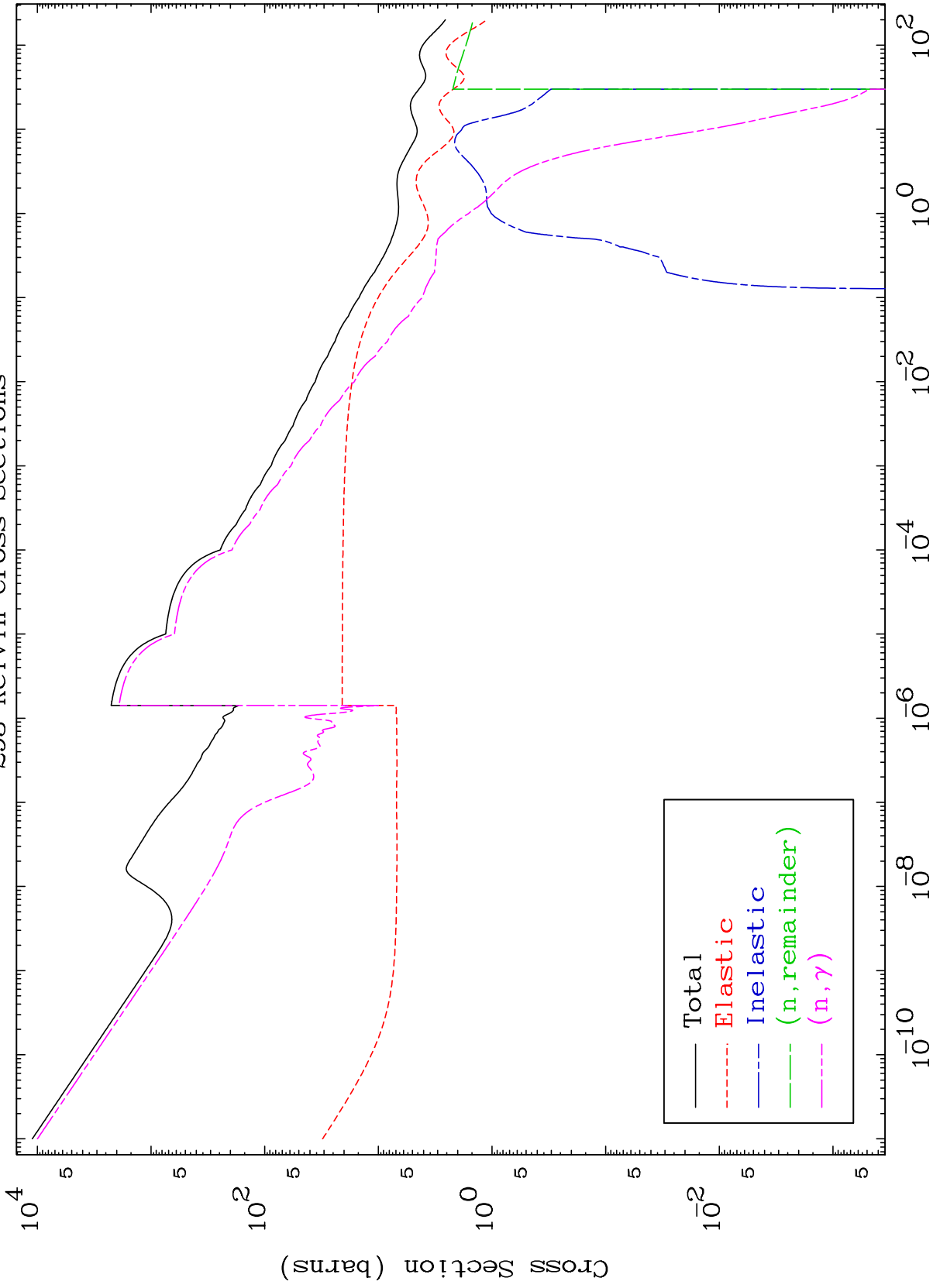
Press Mouse Button to Start

MAT 7283

Major

293 Kelvin Cross Sections

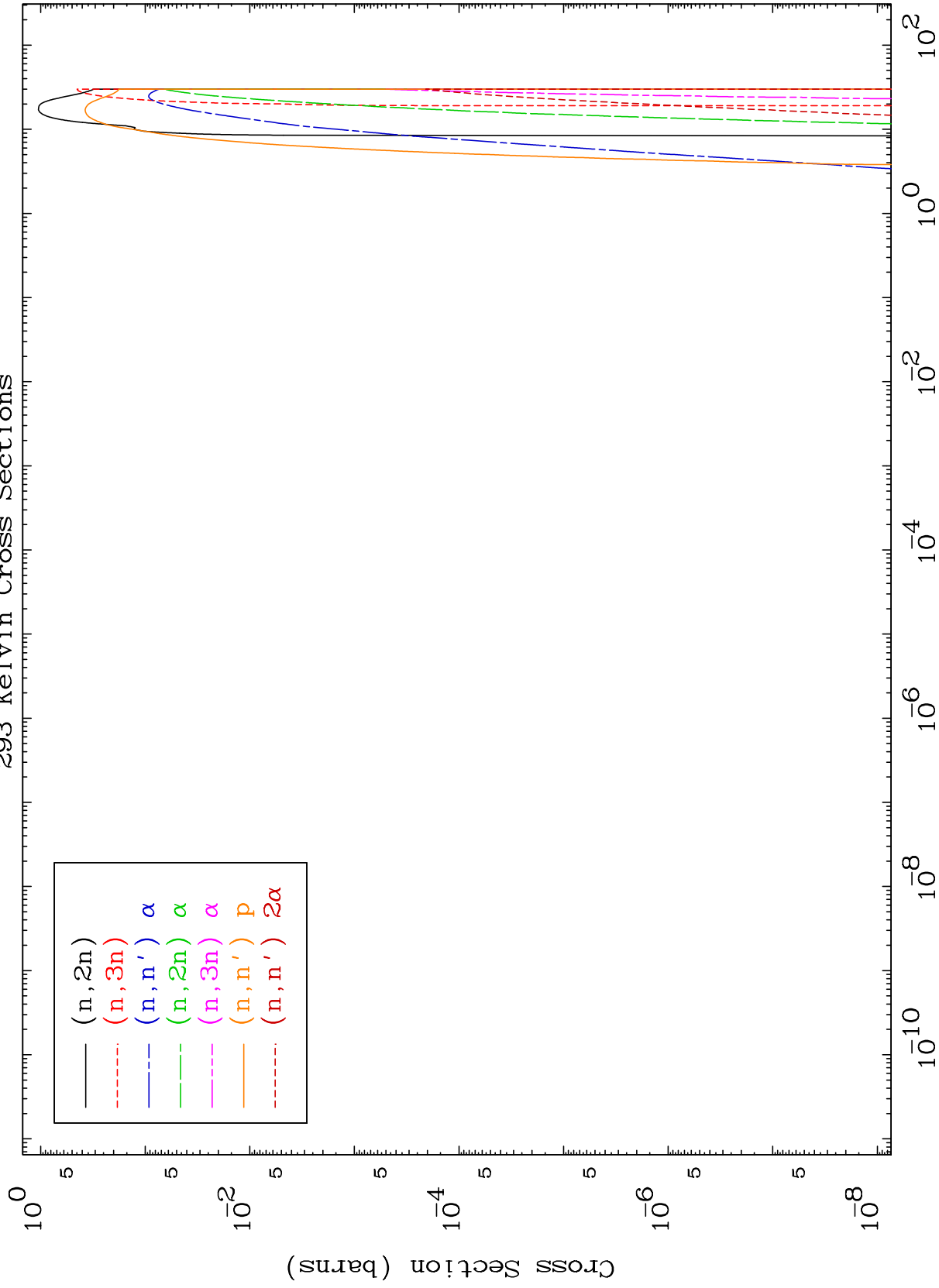
73-Ta-166



MAT 7283

Neutron Production  
293 Kelvin Cross Sections

73-Ta-166



2

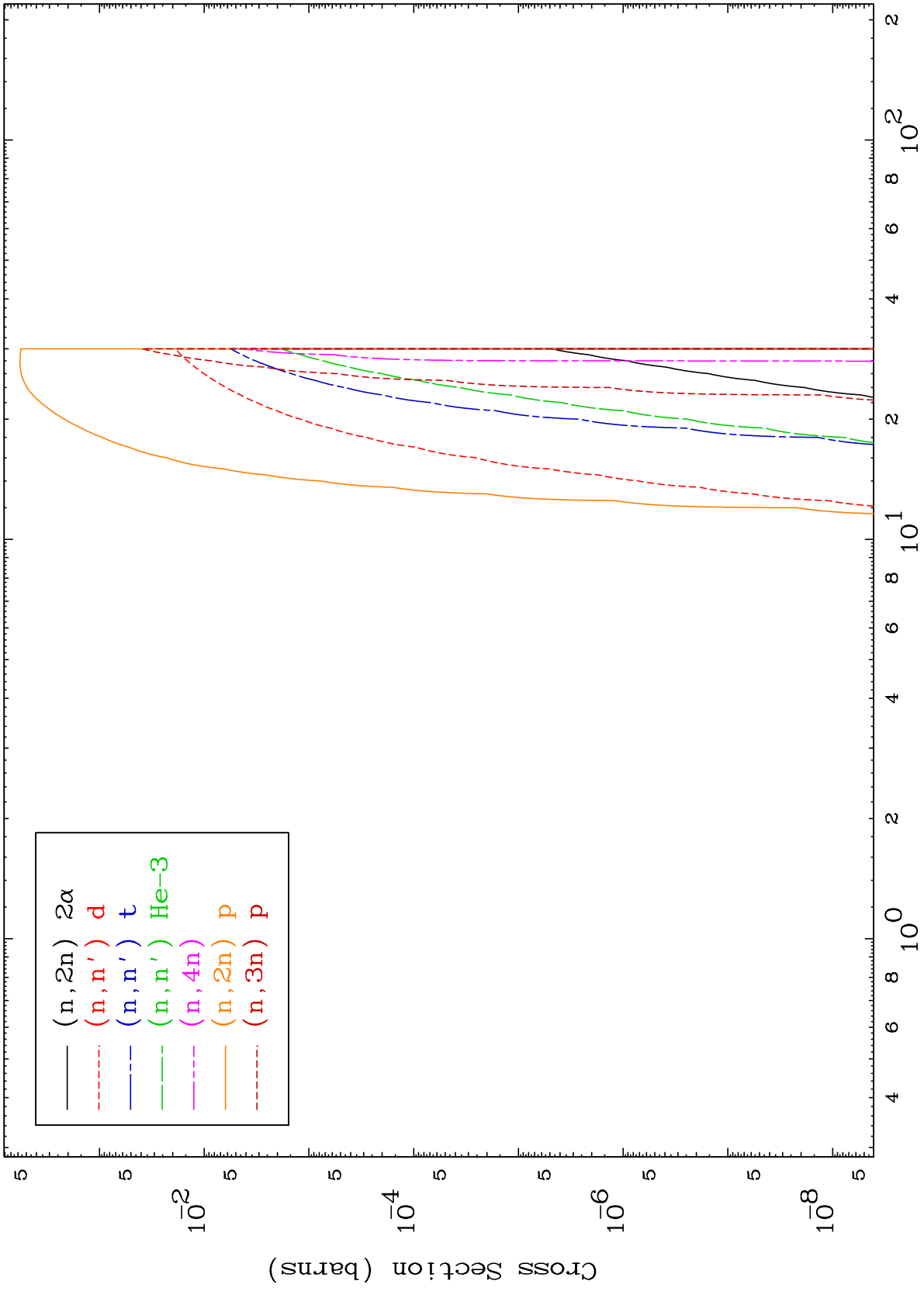
Incident Energy (MeV)

73-Ta-166

MAT 7283

Neutron Production  
293 Kelvin Cross Sections

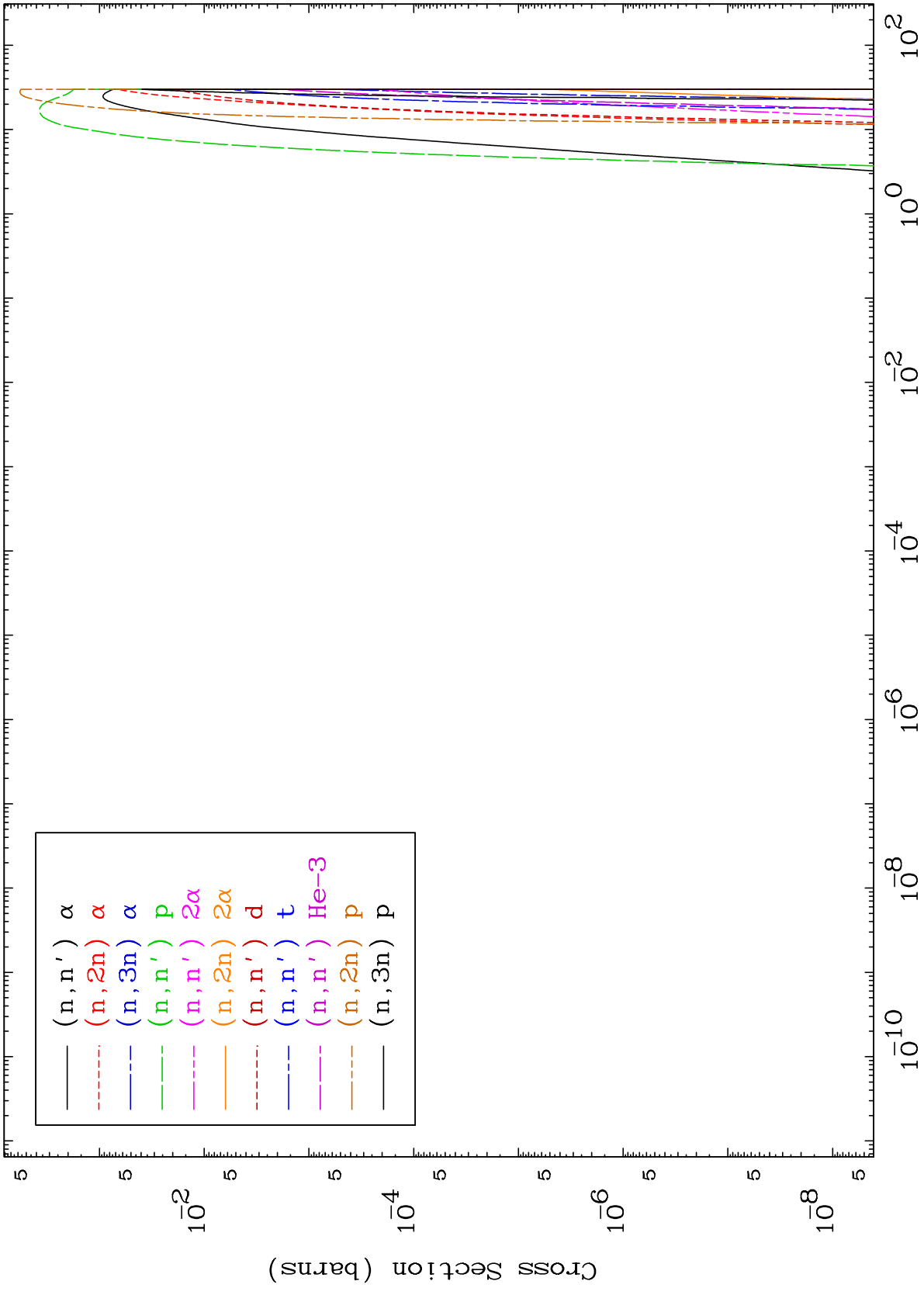
73-Ta-166



MAT 7283

Charged Particle  
293 Kelvin Cross Sections

73-Ta-166



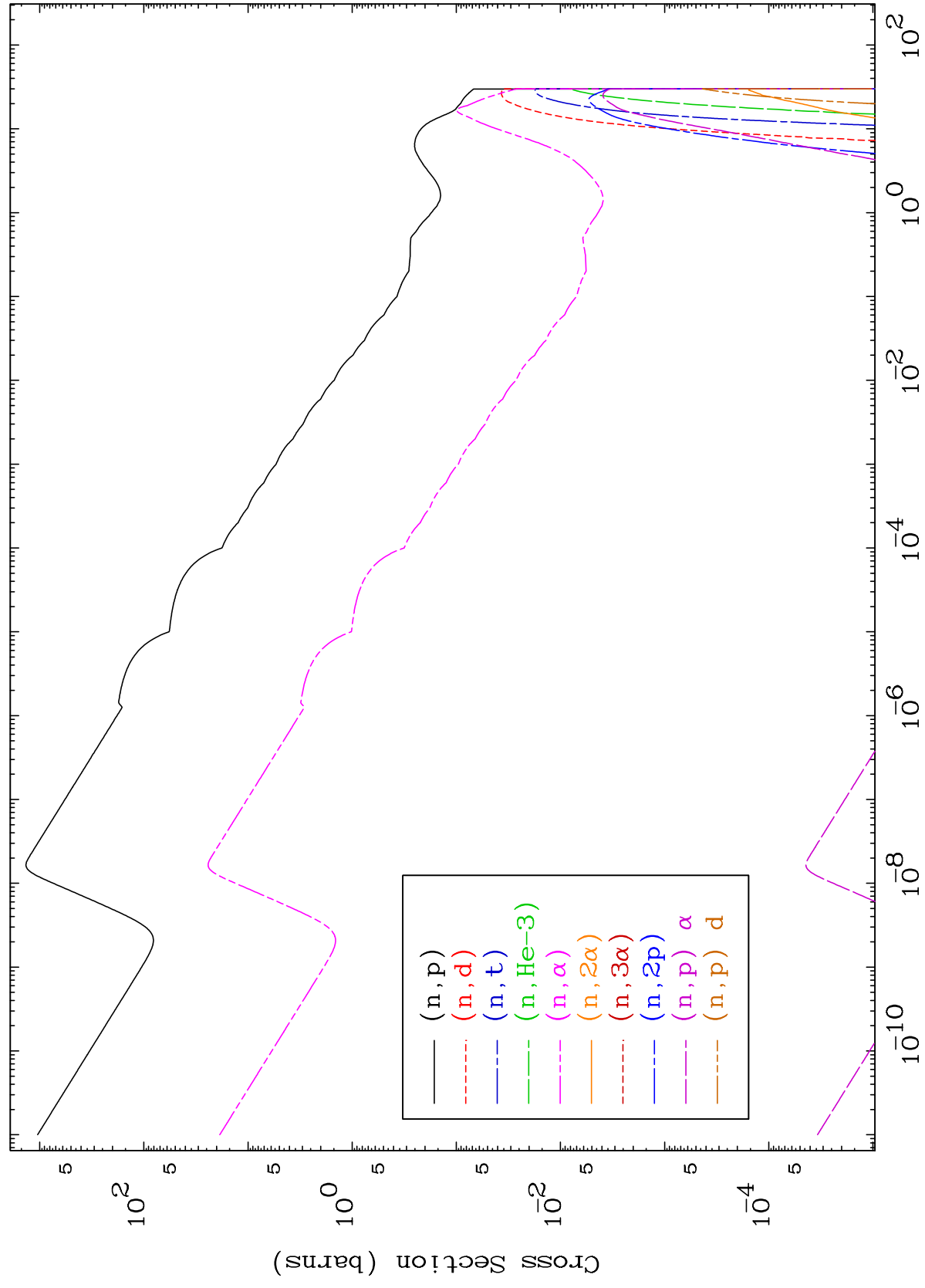
73-Ta-166

Incident Energy (MeV)

MAT 7283

Charged Particle  
293 Kelvin Cross Sections

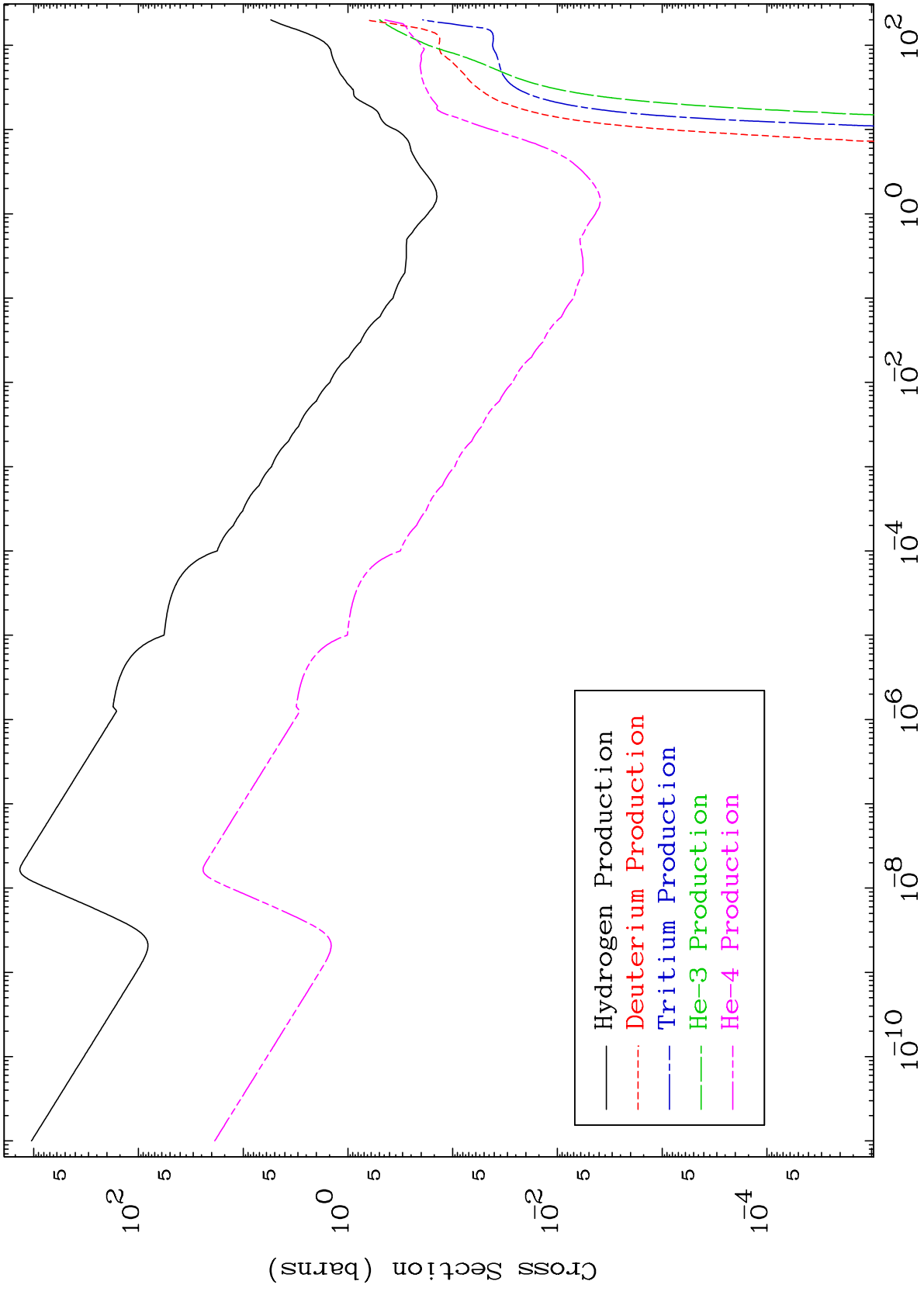
73-Ta-166



MAT 7283

Particle Production  
293 Kelvin Cross Sections

73-Ta-166

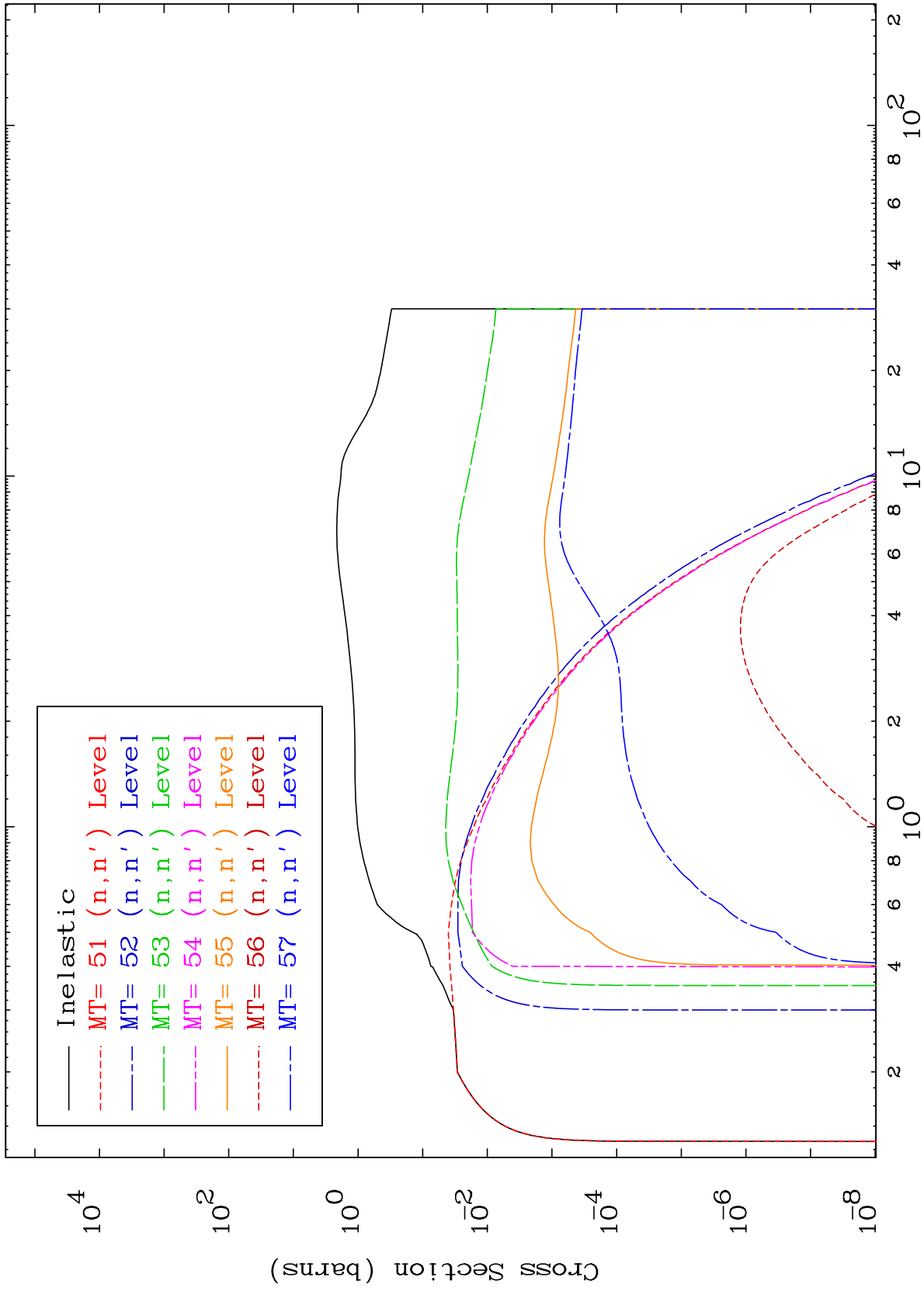


73-Ta-166

MAT 7283

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-166



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Incident Energy (MeV)

73-Ta-166

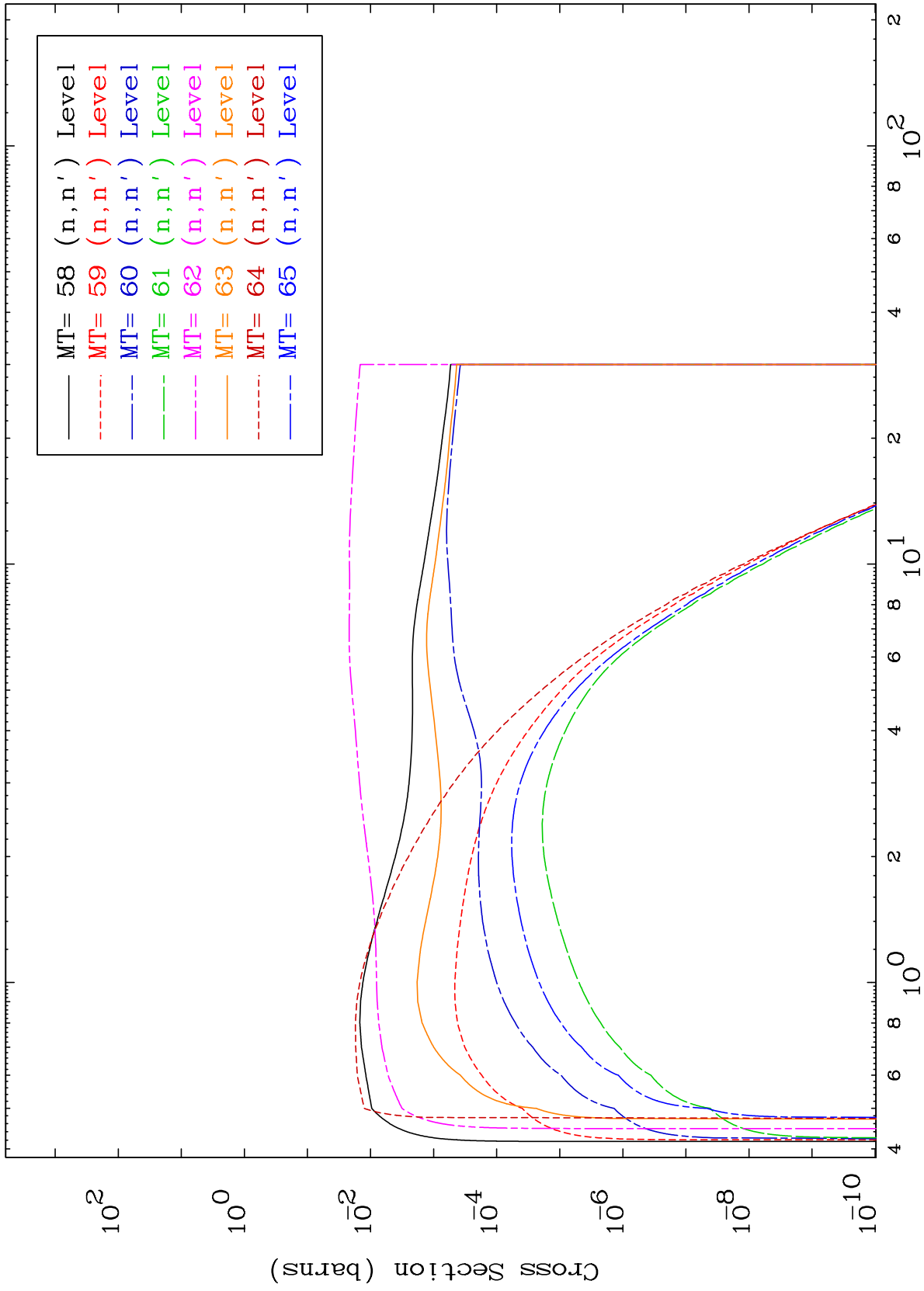


MAT 7283

(n,n') Level

73-Ta-166

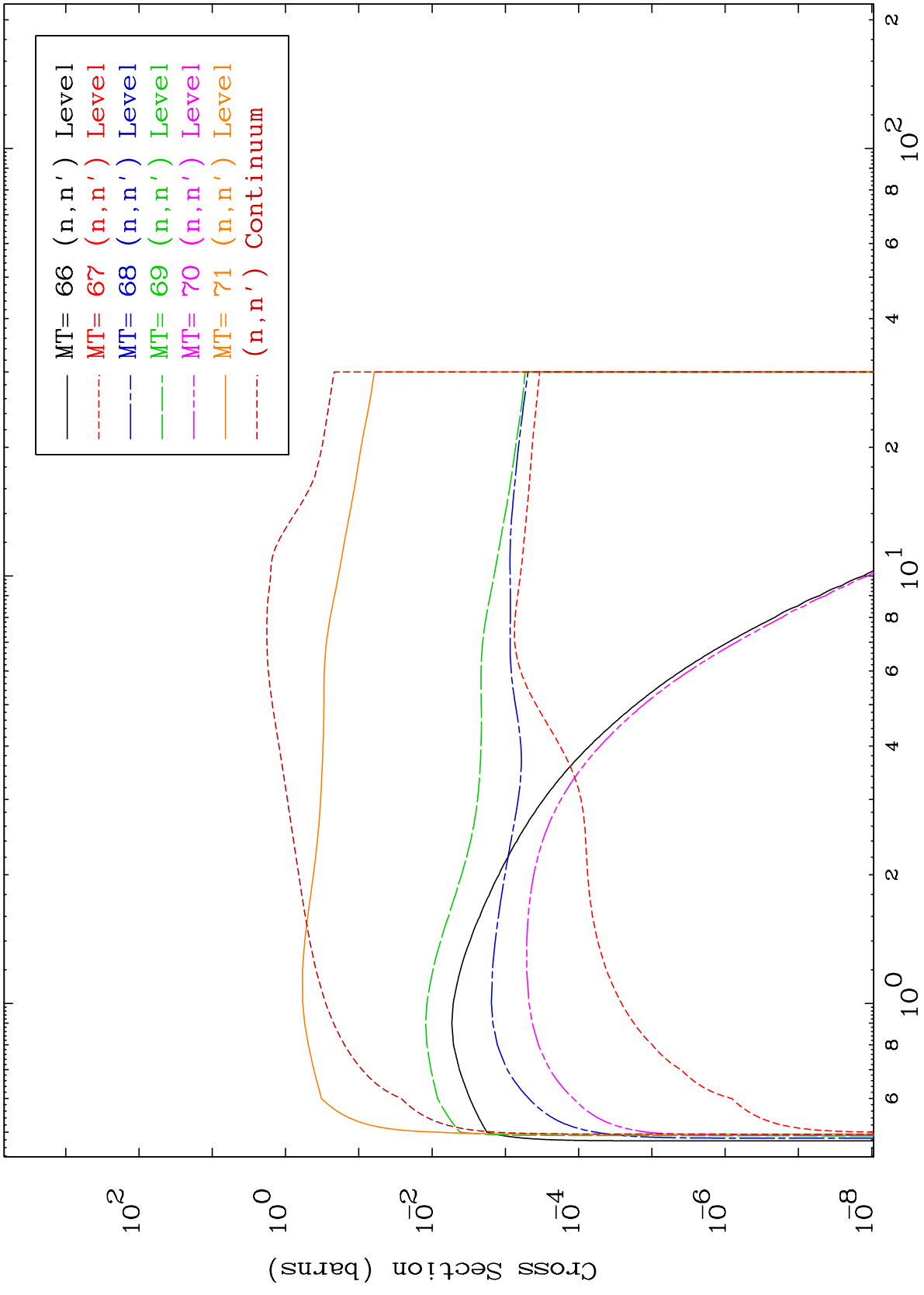
293 Kelvin Cross Sections



8

Incident Energy (MeV)

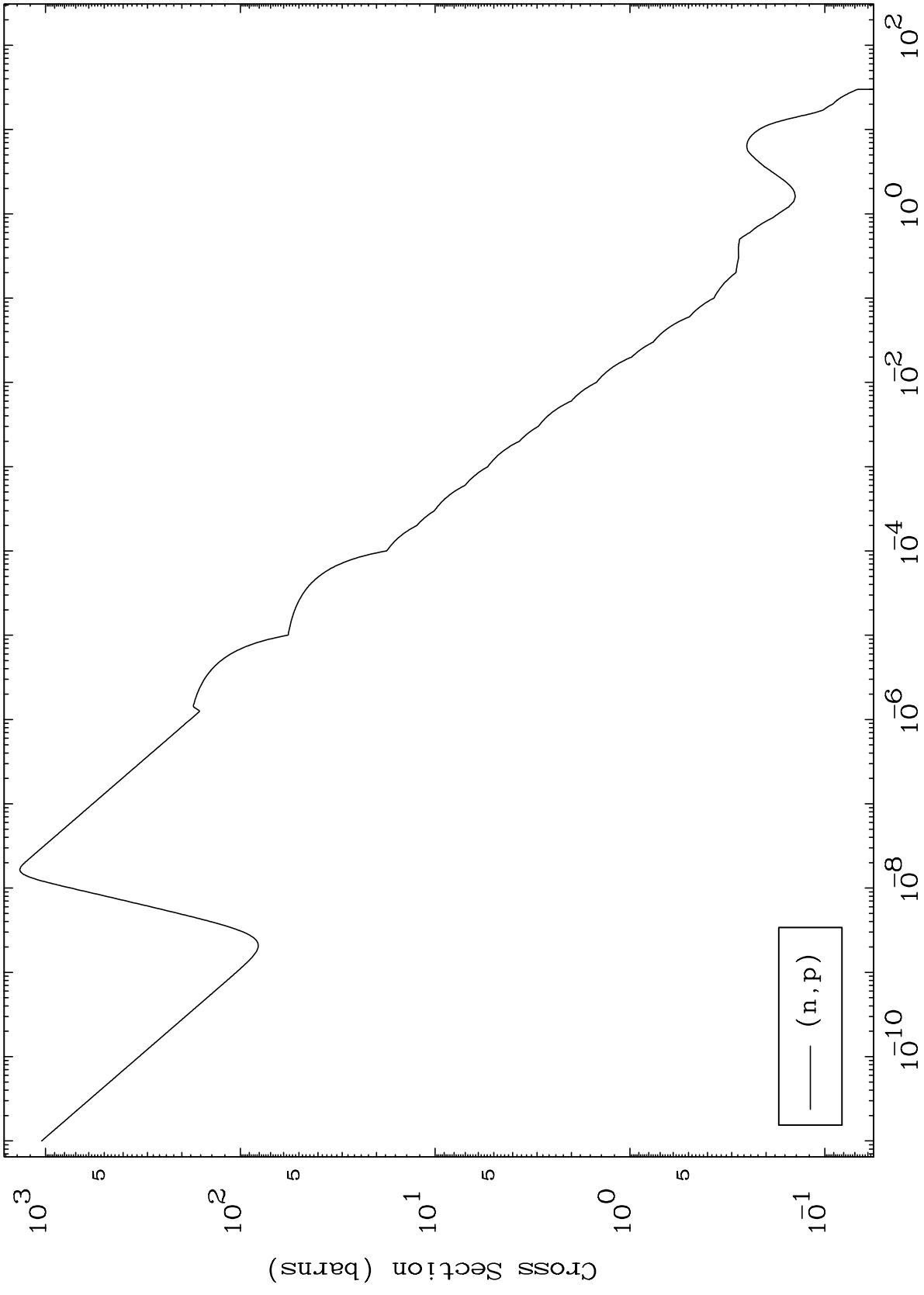
73-Ta-166



MAT 7283

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-166



10

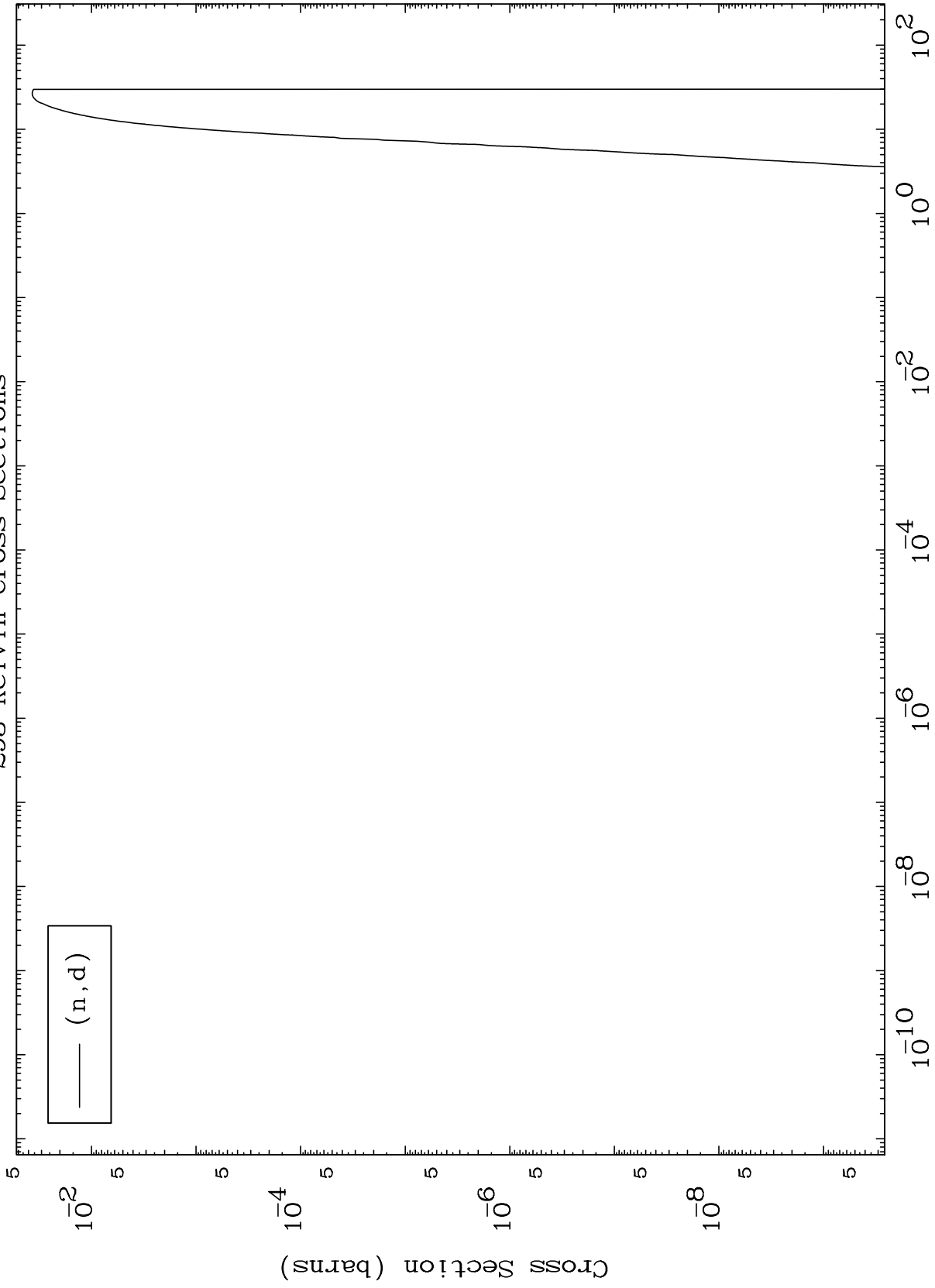
Incident Energy (MeV)

73-Ta-166

MAT 7283

(n,d) Levels  
293 Kelvin Cross Sections

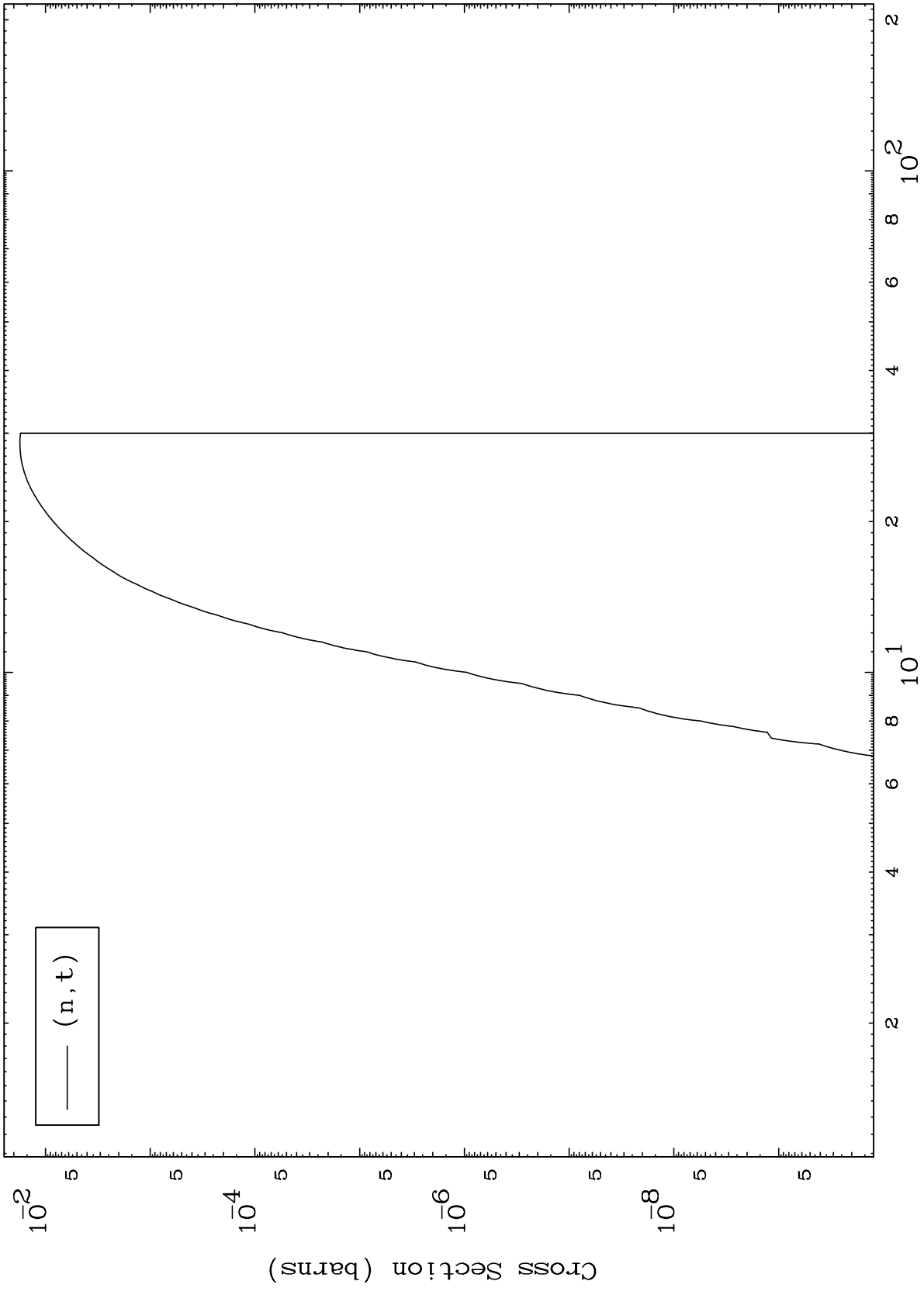
73-Ta-166



MAT 7283

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-166



12

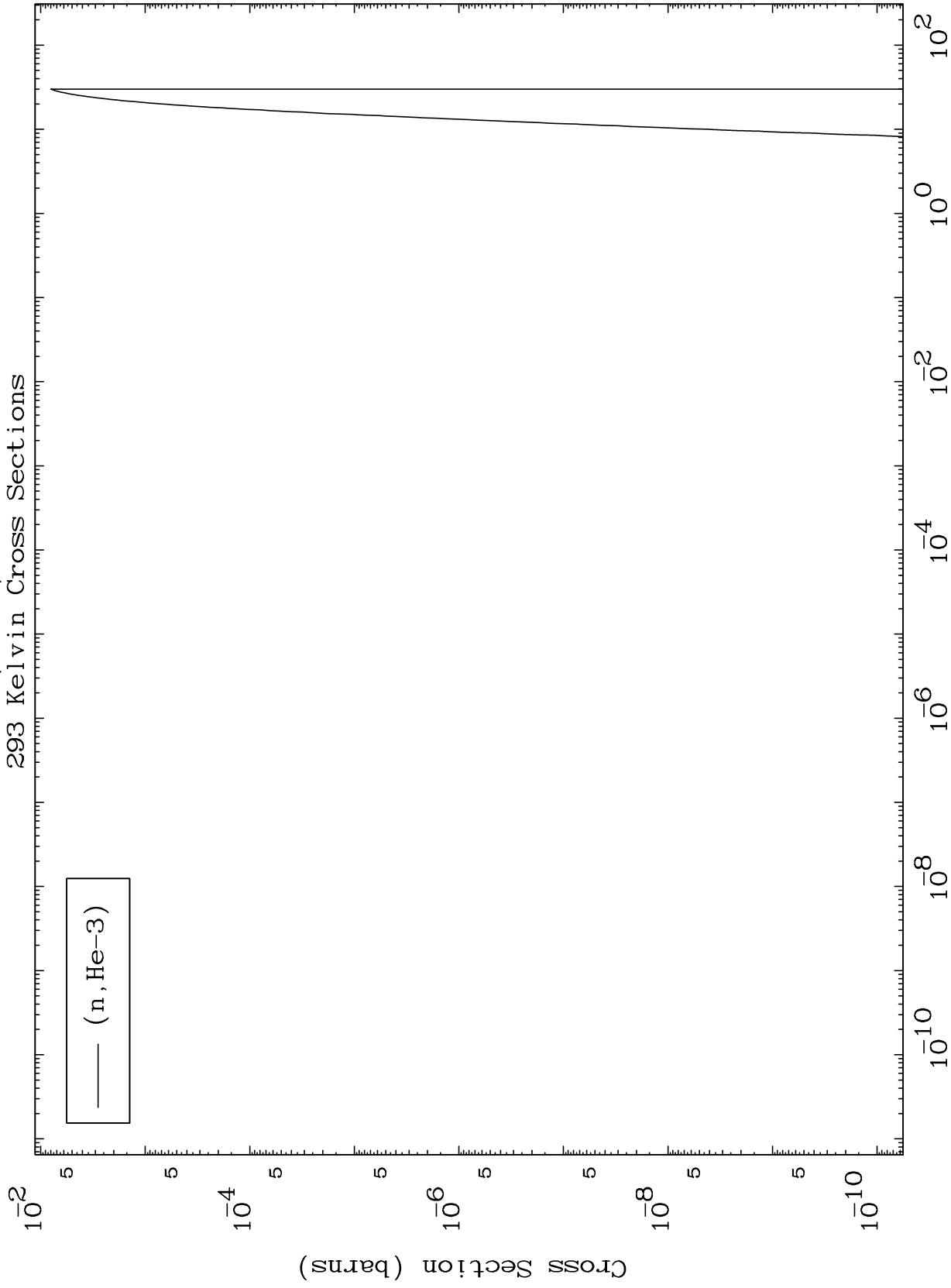
Incident Energy (MeV)

73-Ta-166

MAT 7283

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-166



13

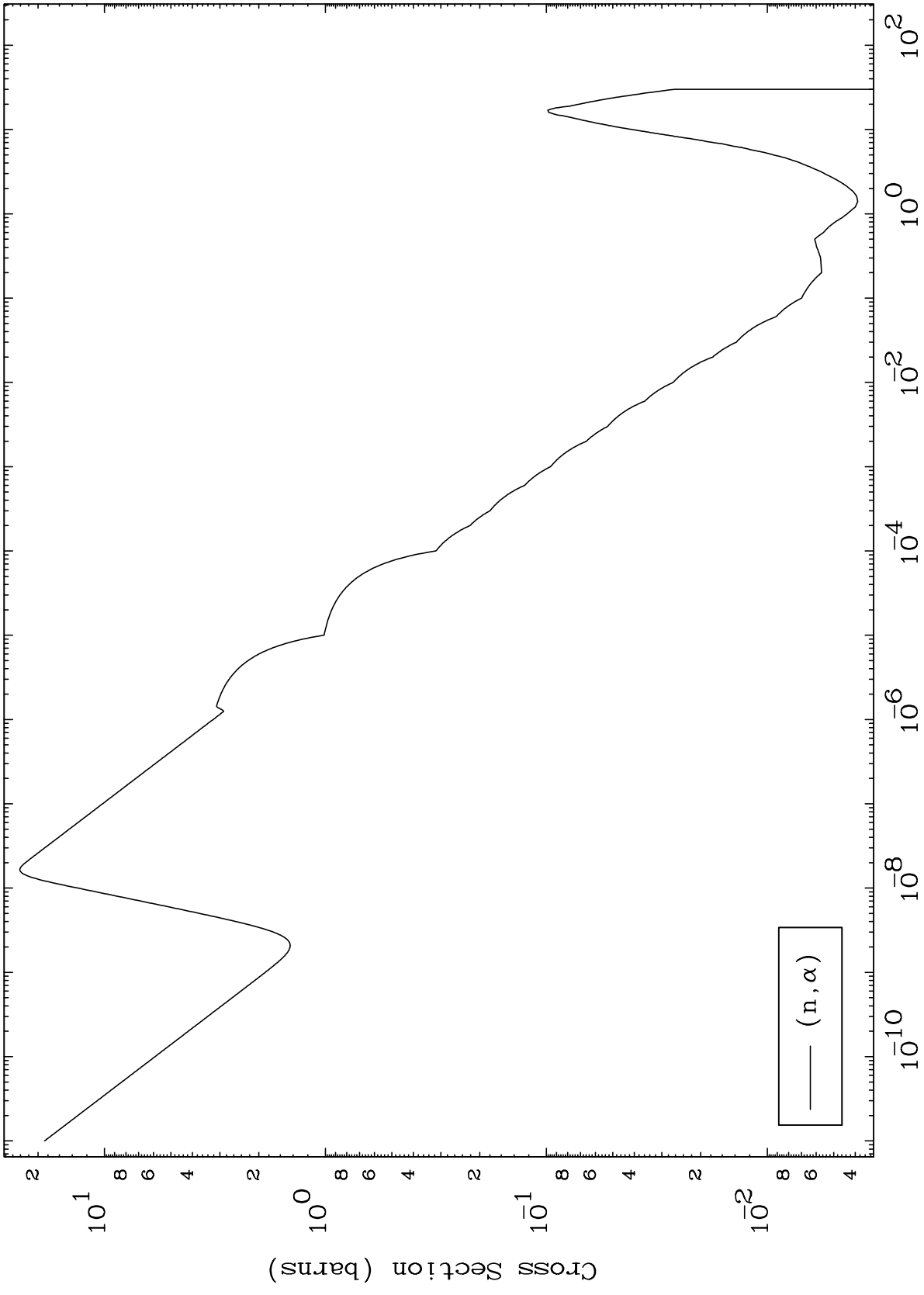
Incident Energy (MeV)

73-Ta-166

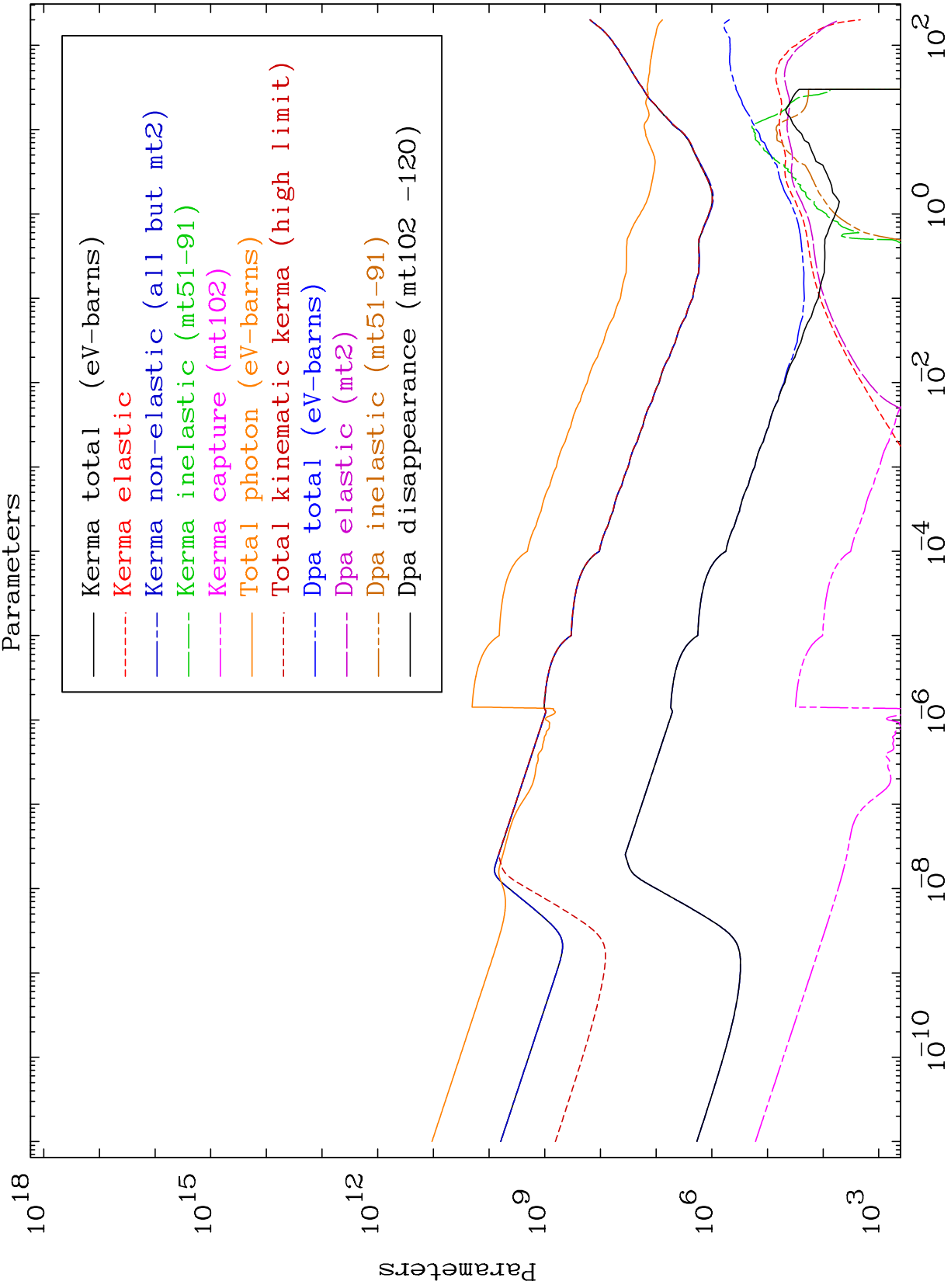
MAT 7283

(n,α) Levels  
293 Kelvin Cross Sections

73-Ta-166



73-Ta-166

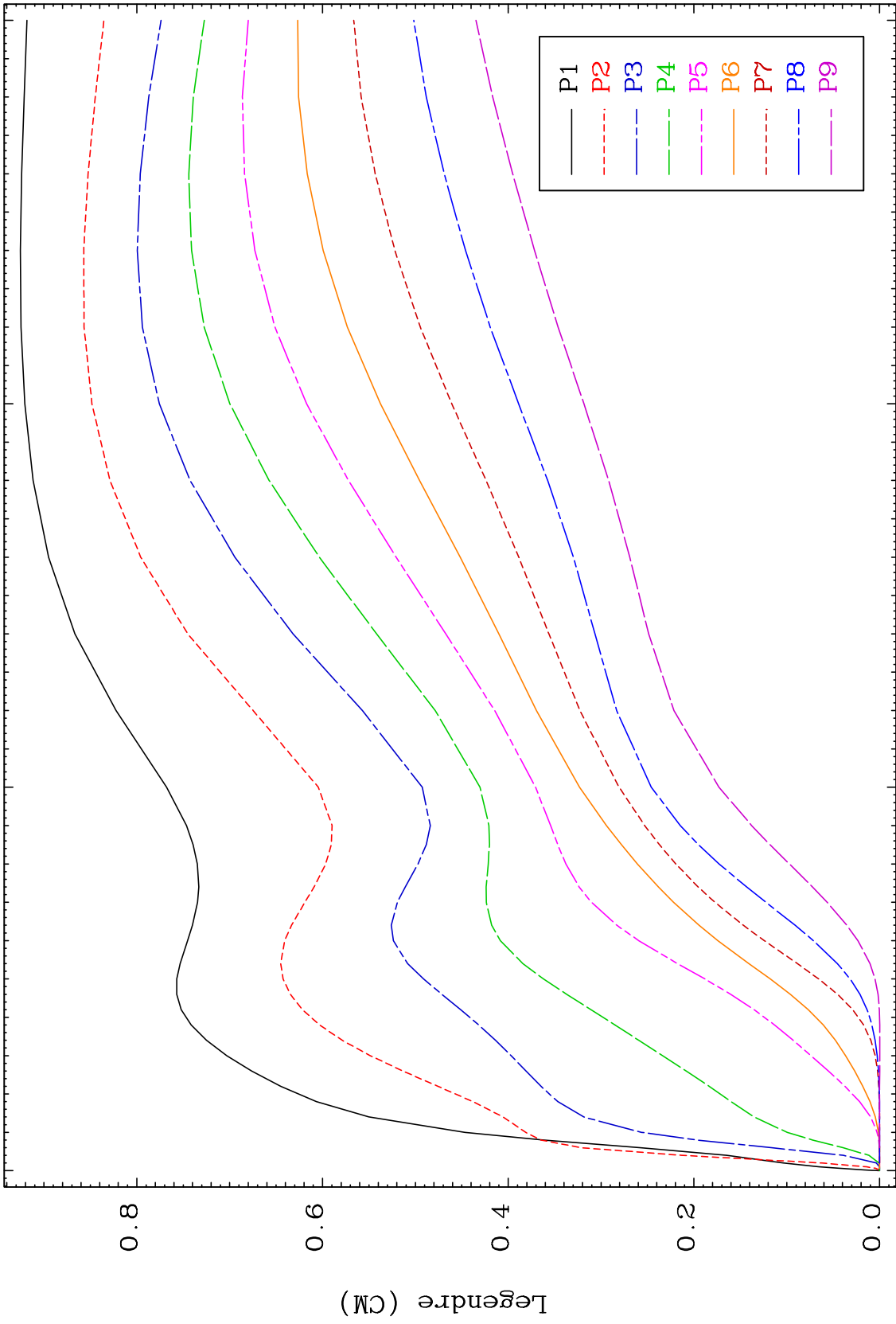




MAT 7283

Elastic Legendre Coefficients

73-Ta-166



73-Ta-166

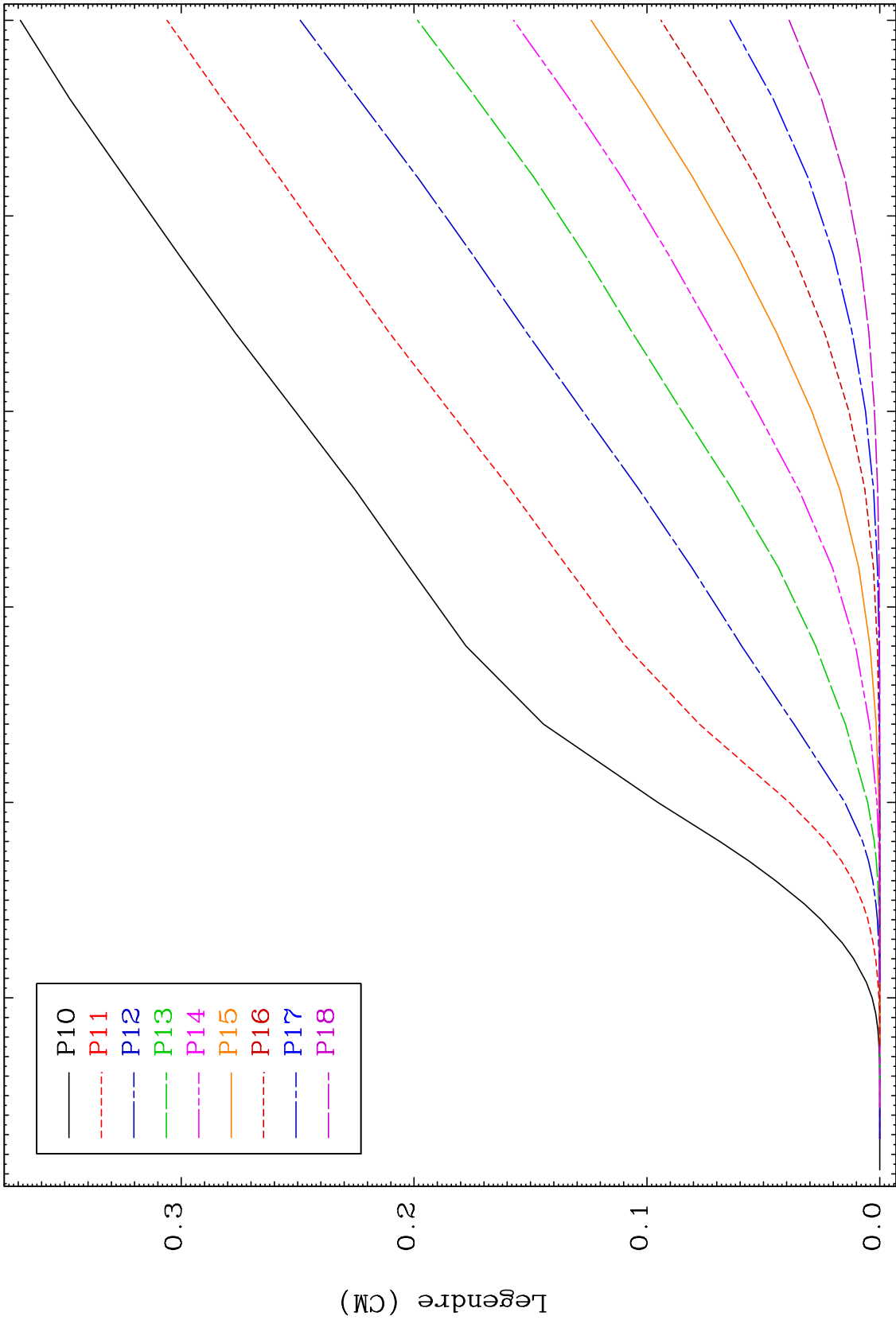
Incident Energy (MeV)

16

MAT 7283

Elastic Legendre Coefficients

<sup>73</sup>Ta-166



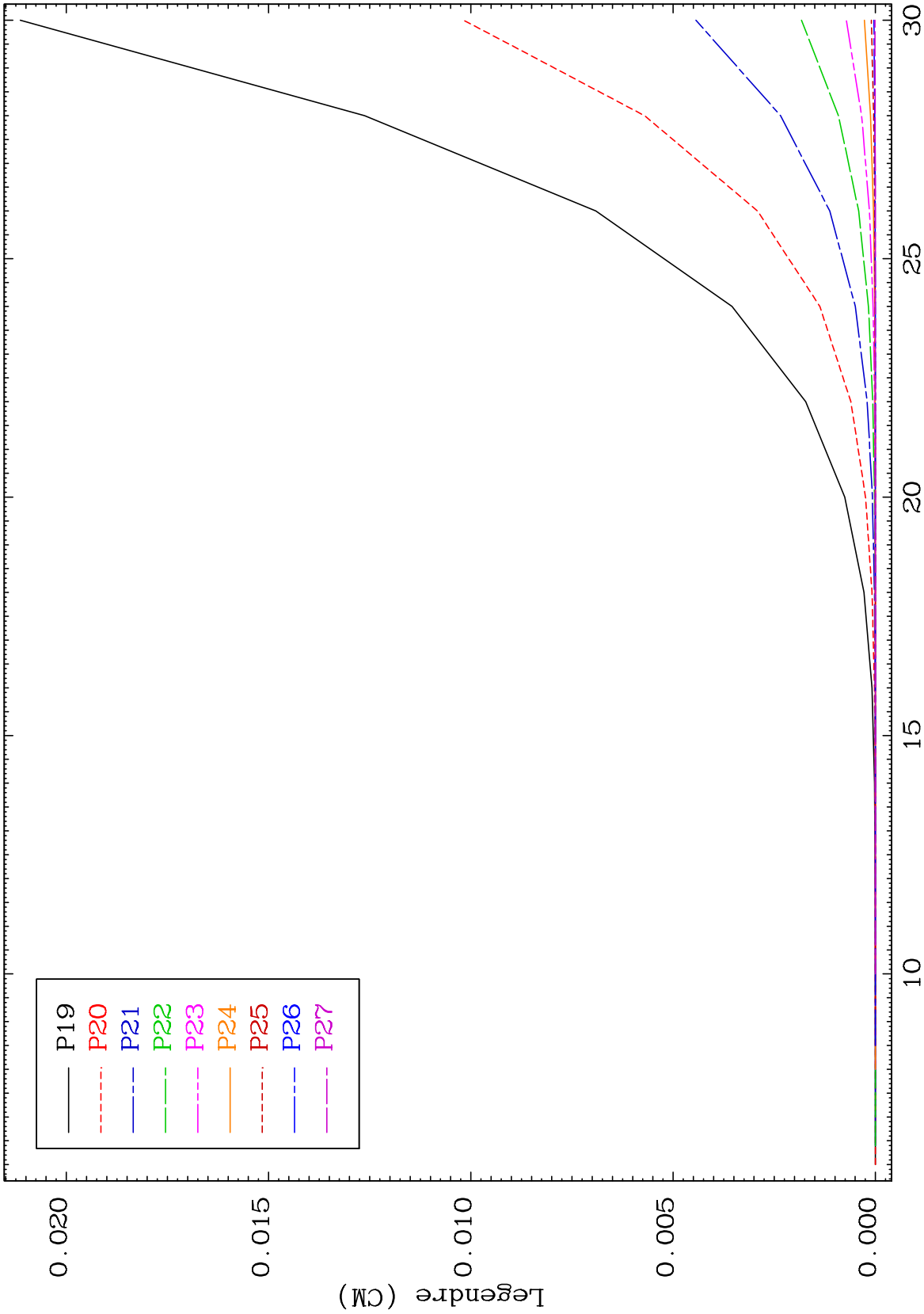
17

<sup>73</sup>Ta-166

MAT 7283

### Elastic Legendre Coefficients

<sup>73</sup>Ta-166



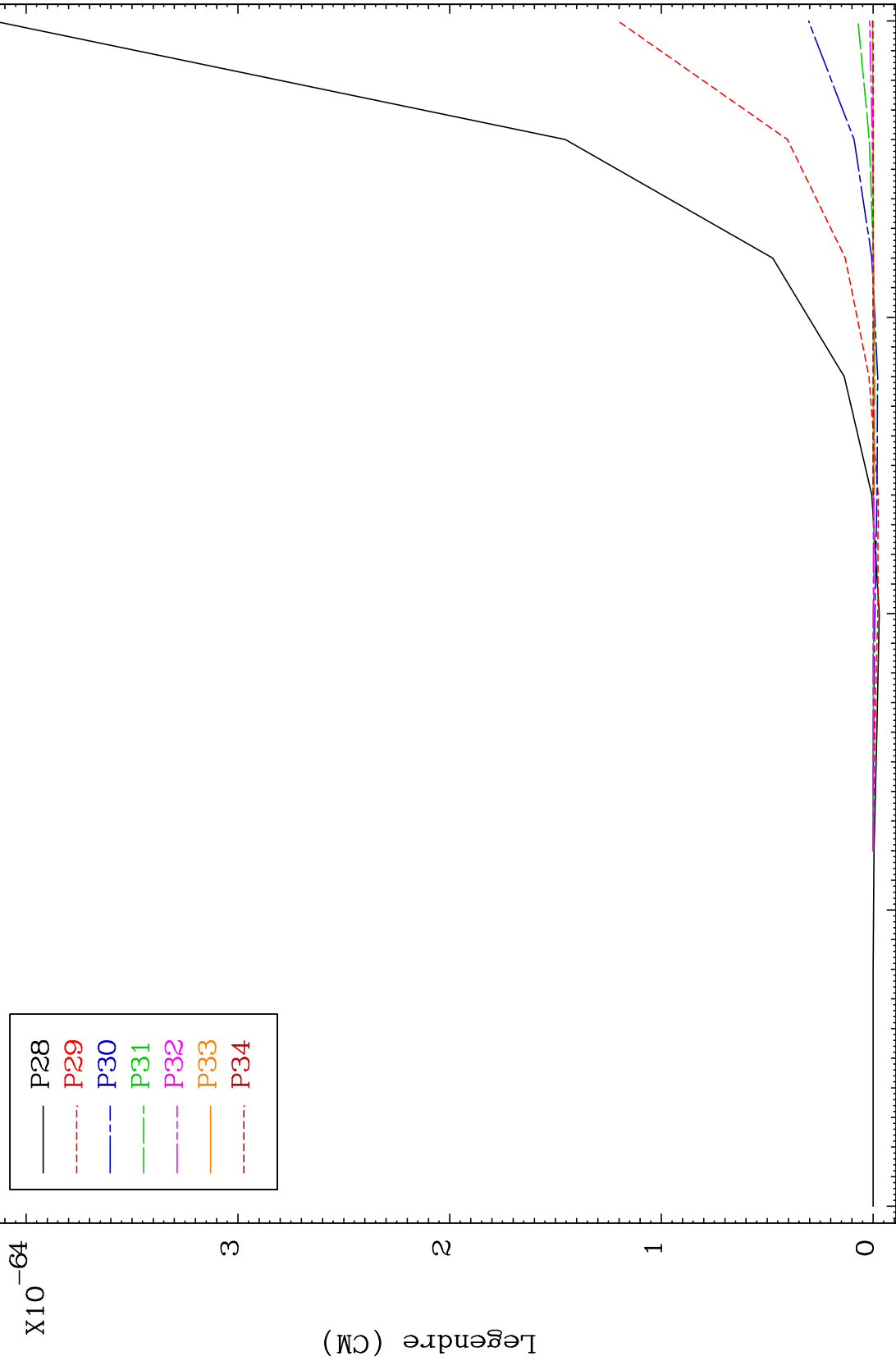
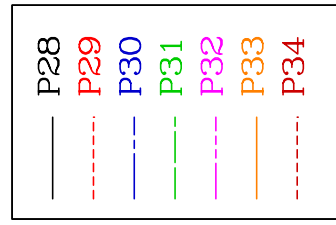
18

<sup>73</sup>Ta-166

MAT 7283

Elastic Legendre Coefficients

<sup>73</sup>Ta-166



19

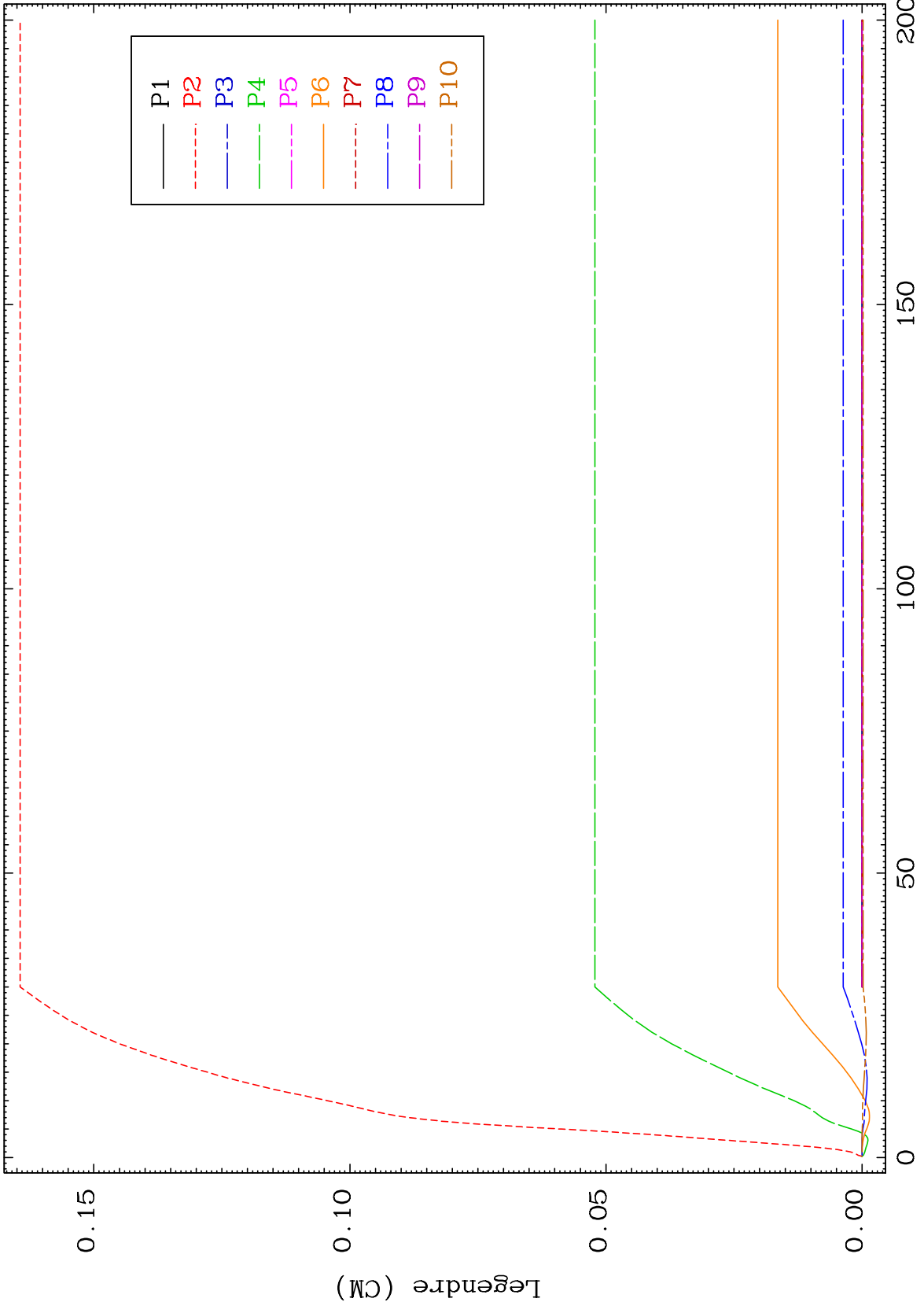
Incident Energy (MeV)

<sup>73</sup>Ta-166

MAT 7283

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

73-Ta-166



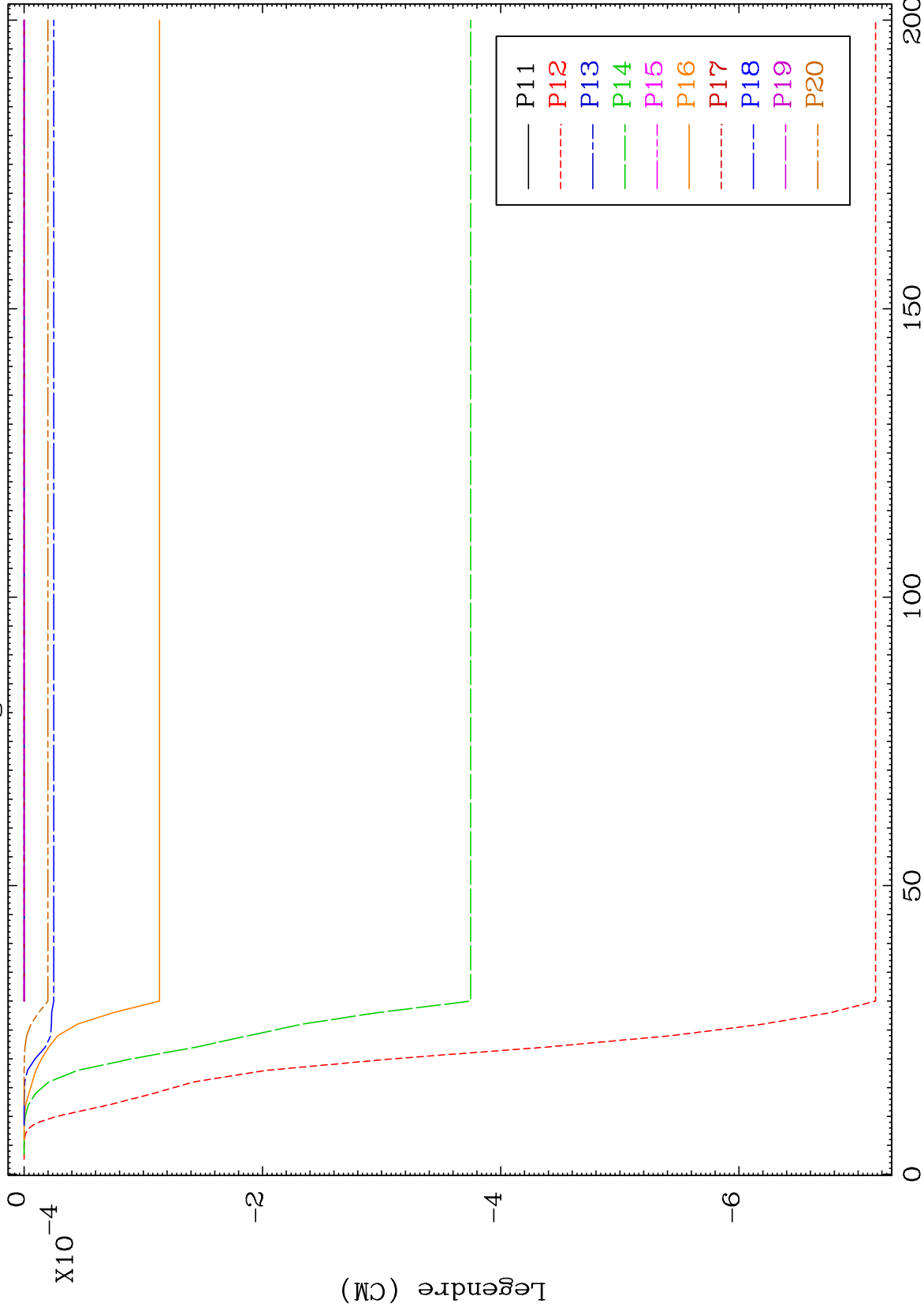
73-Ta-166

Incident Energy (MeV)

MAT 7283

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

73-Ta-166



21

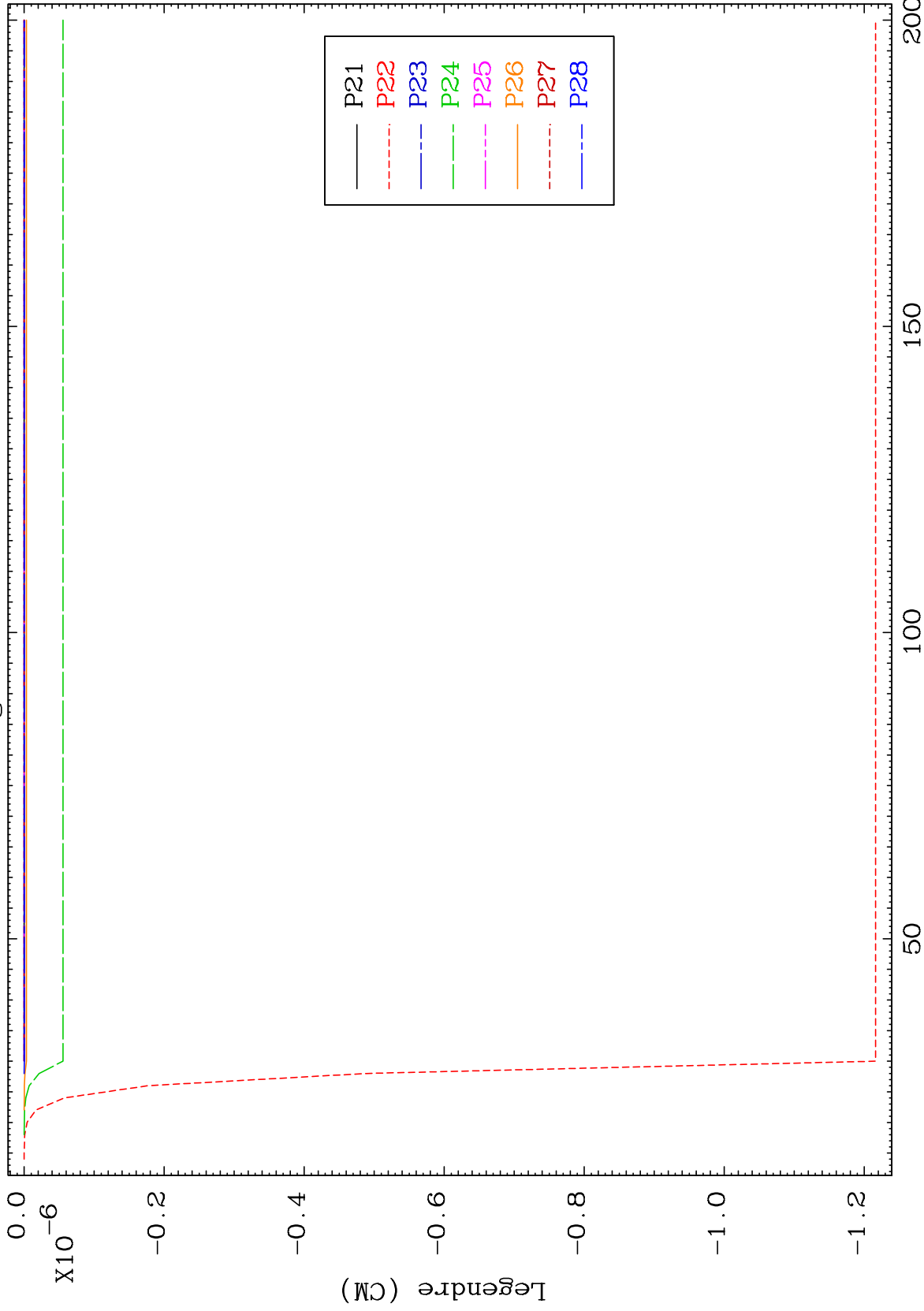
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



22

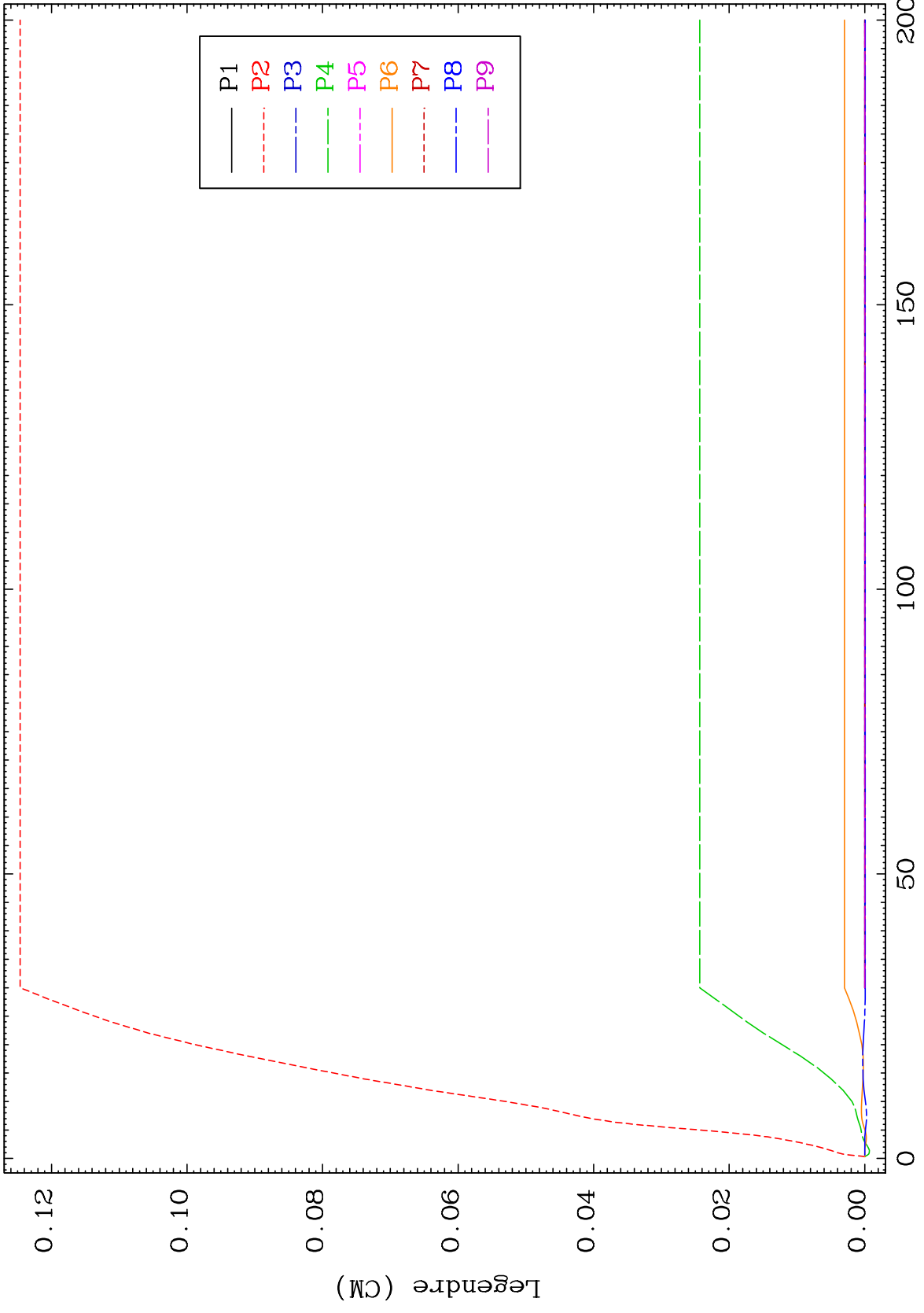
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



23

Incident Energy (MeV)

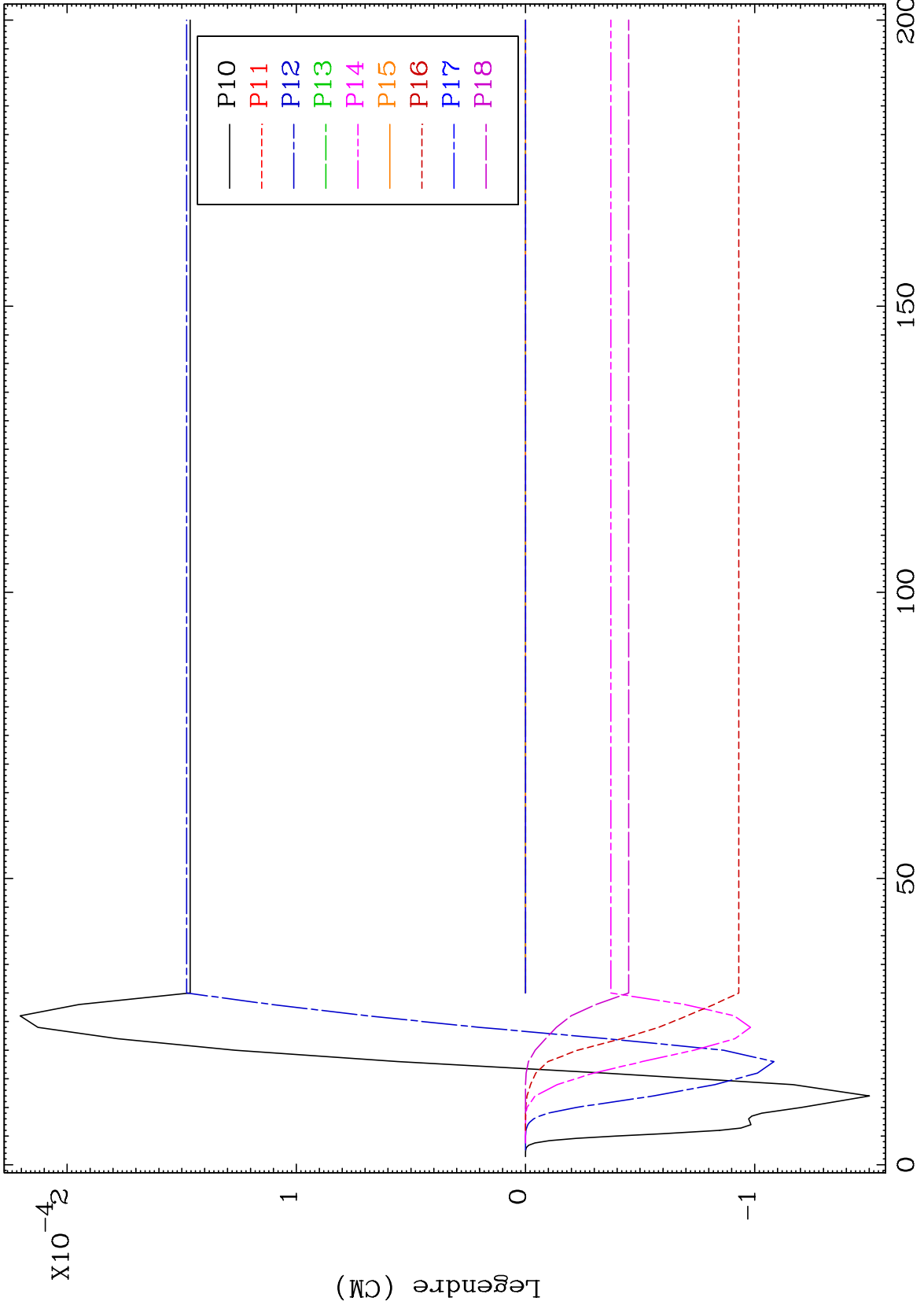
73-Ta-166



MAT 7283

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

73-Ta-166



24

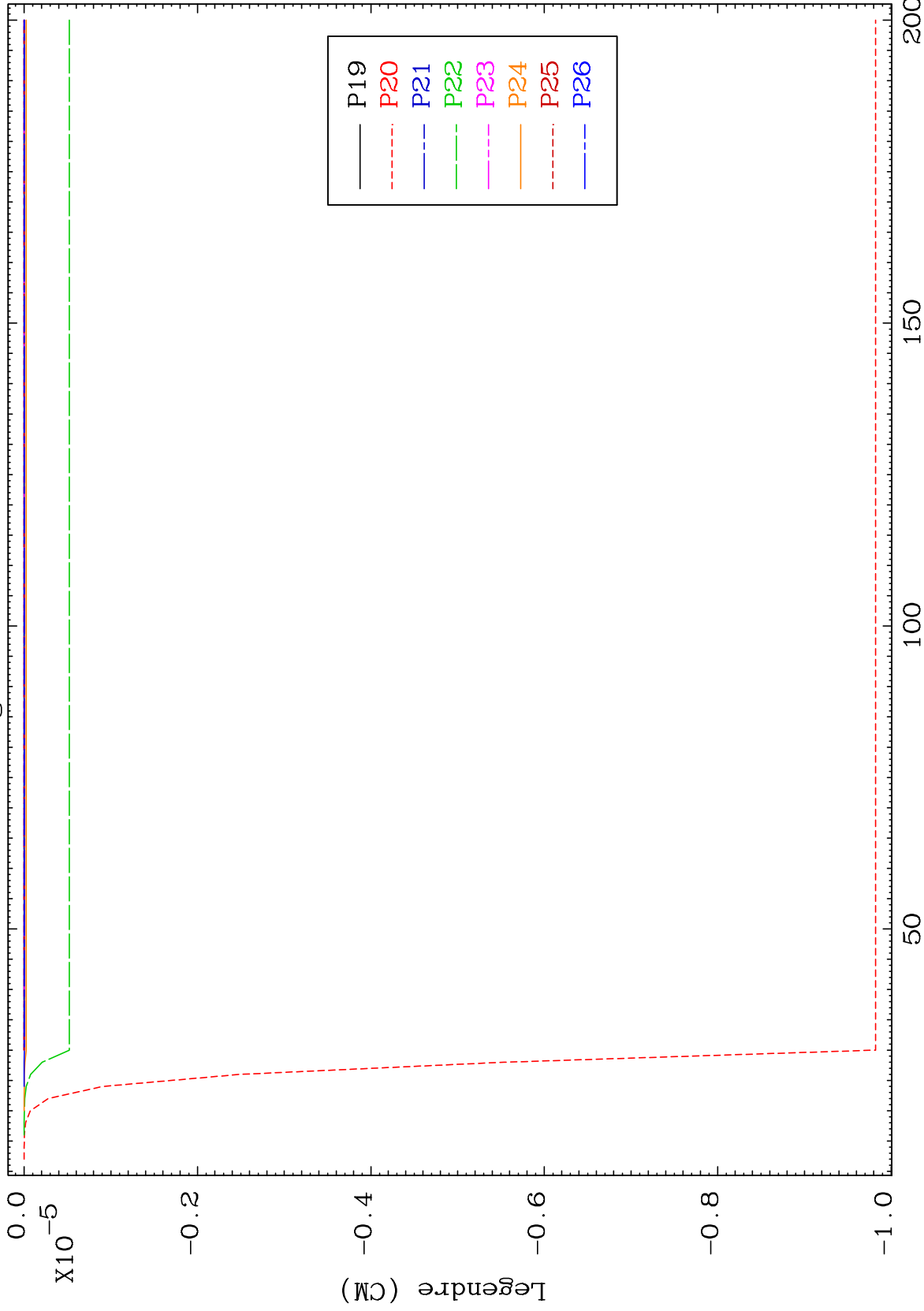
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



25

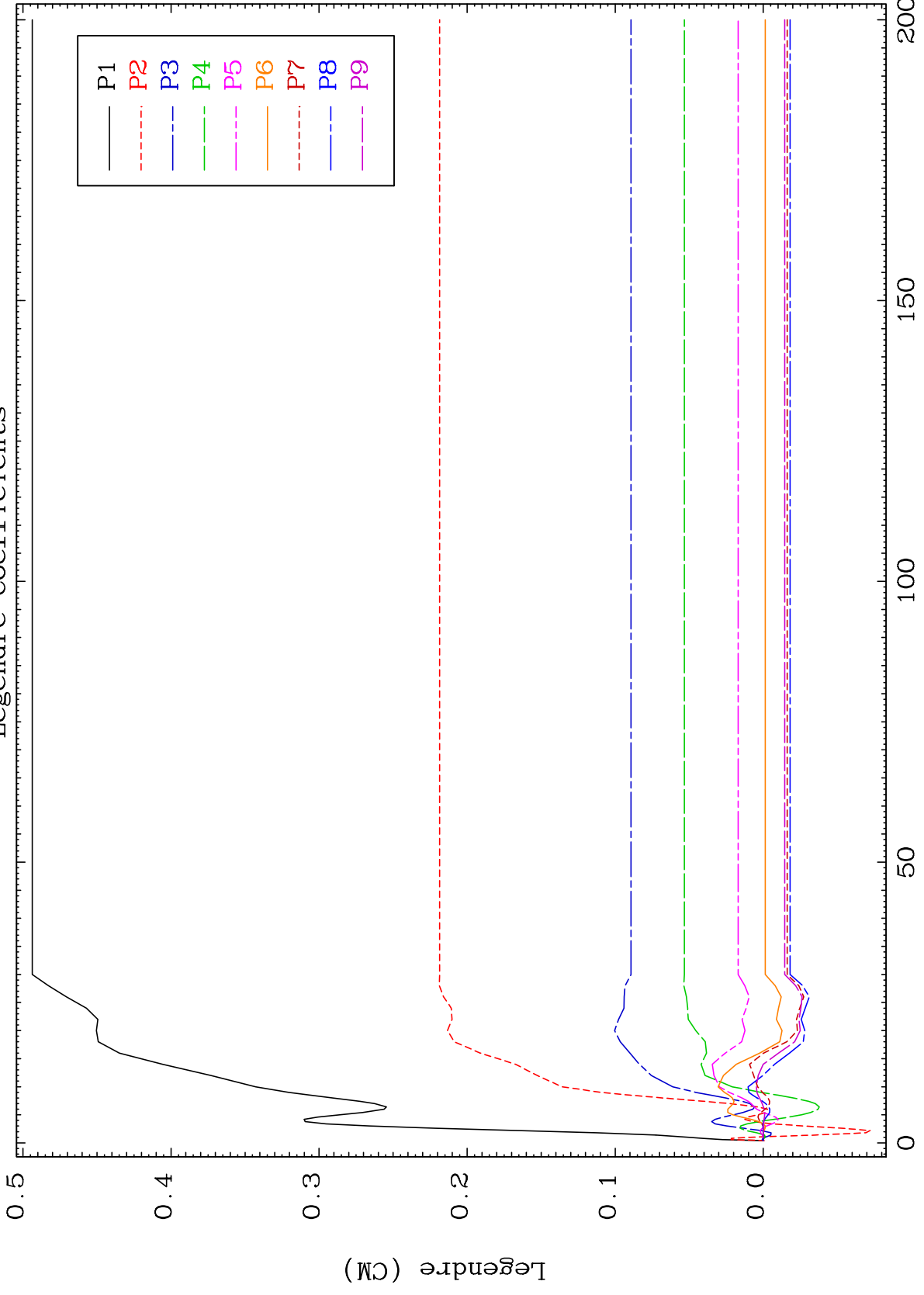
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



26

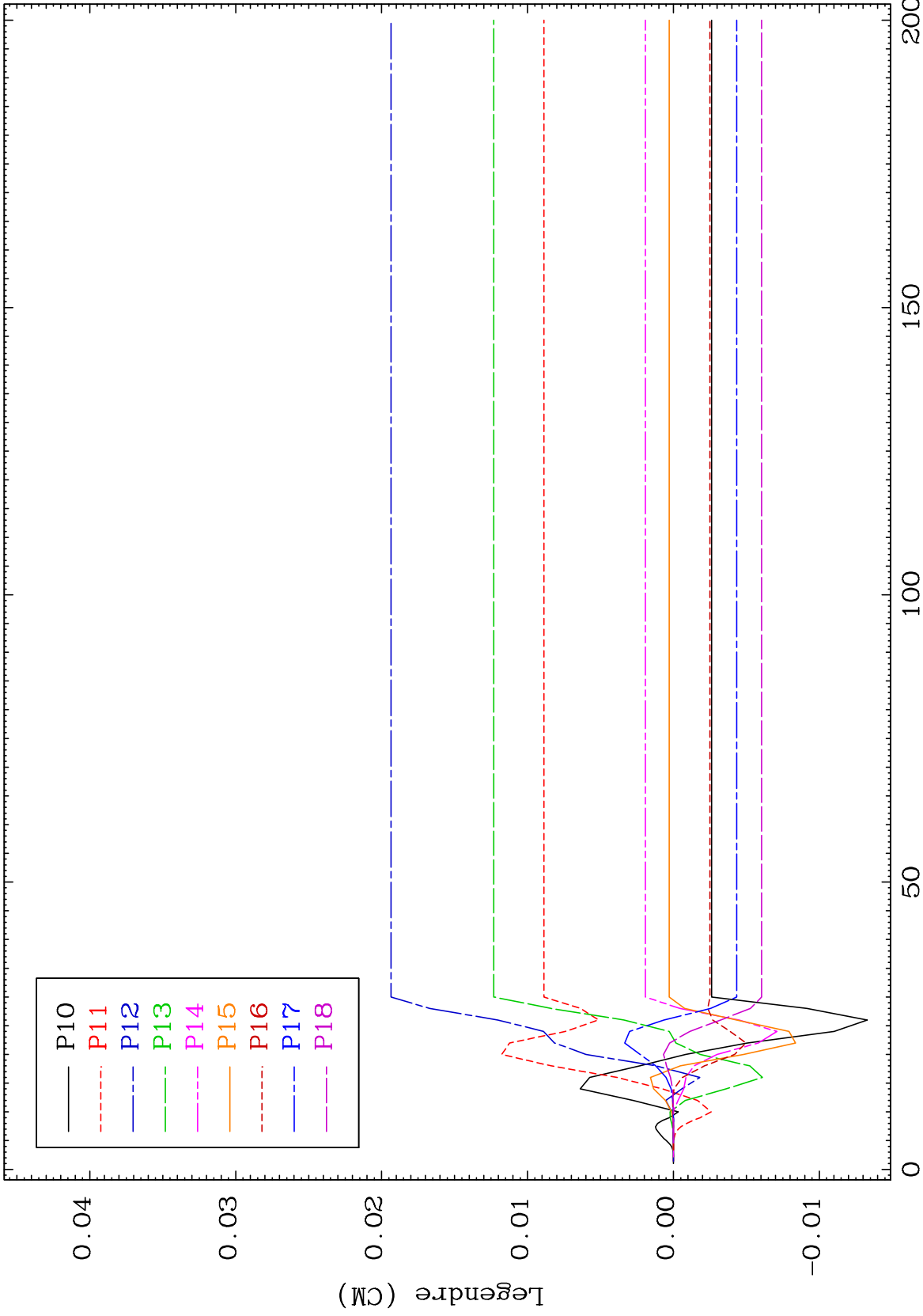
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



27

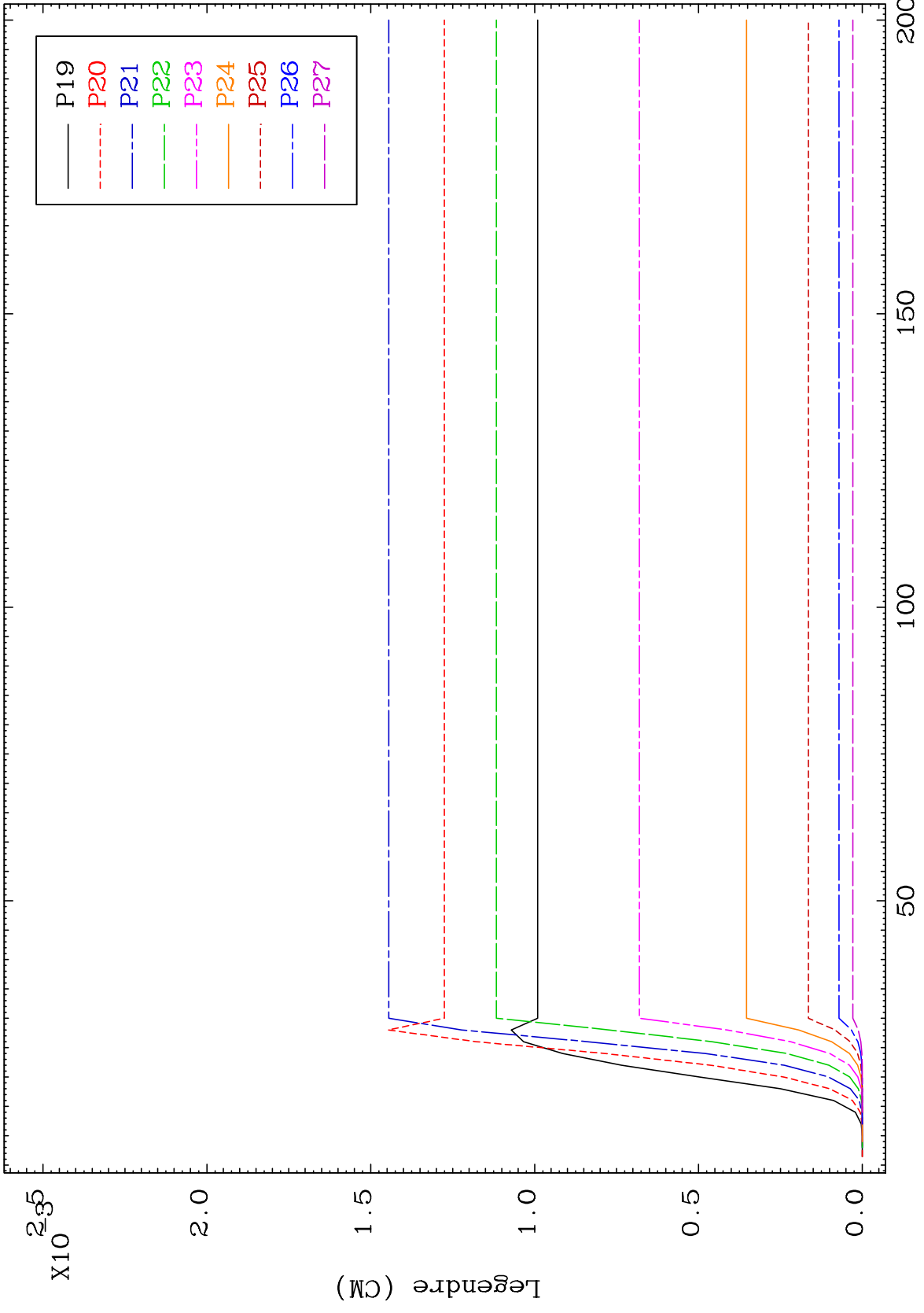
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



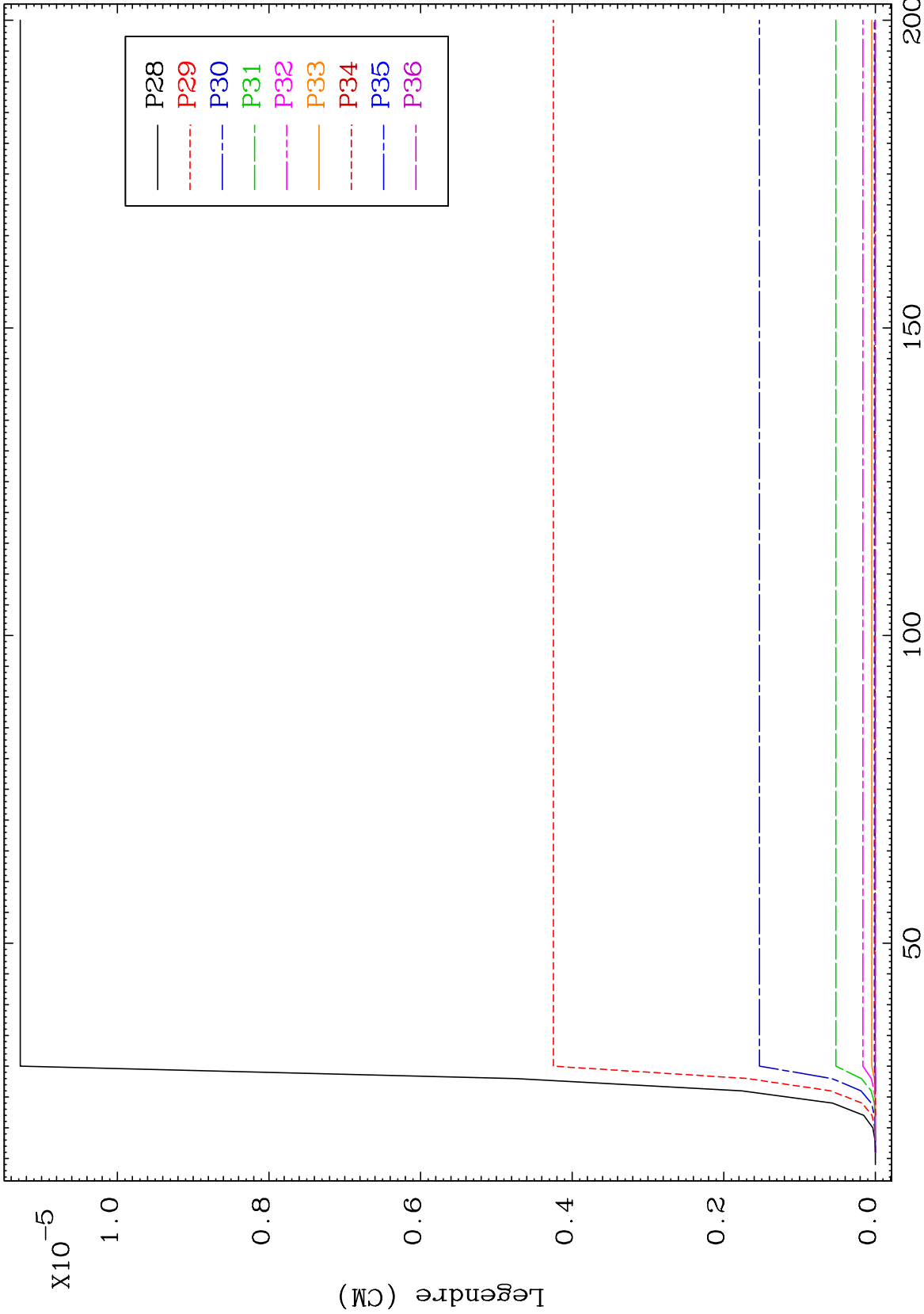
28

73-Ta-166

MAT 7283

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

73-Ta-166



29

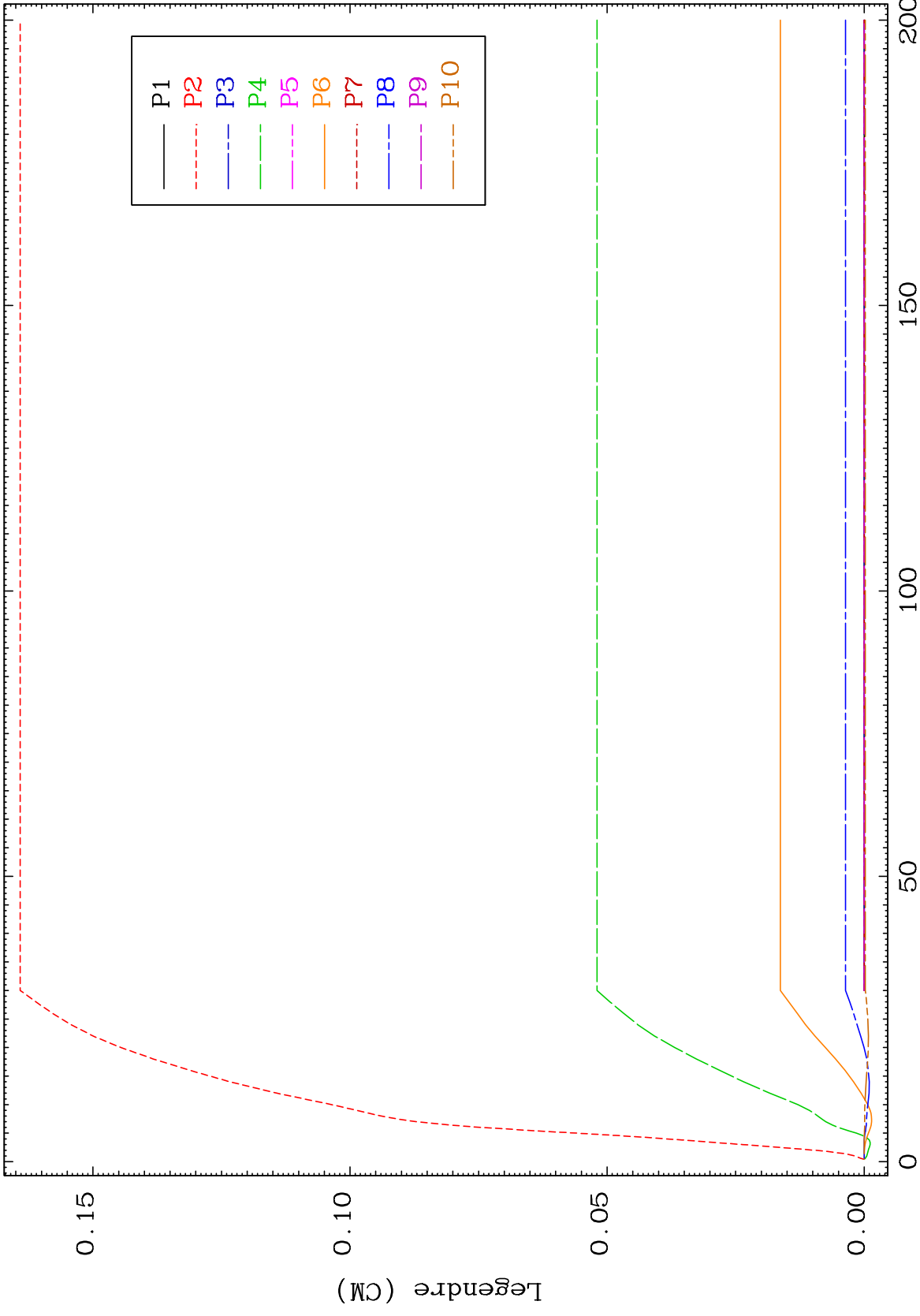
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



73-Ta-166

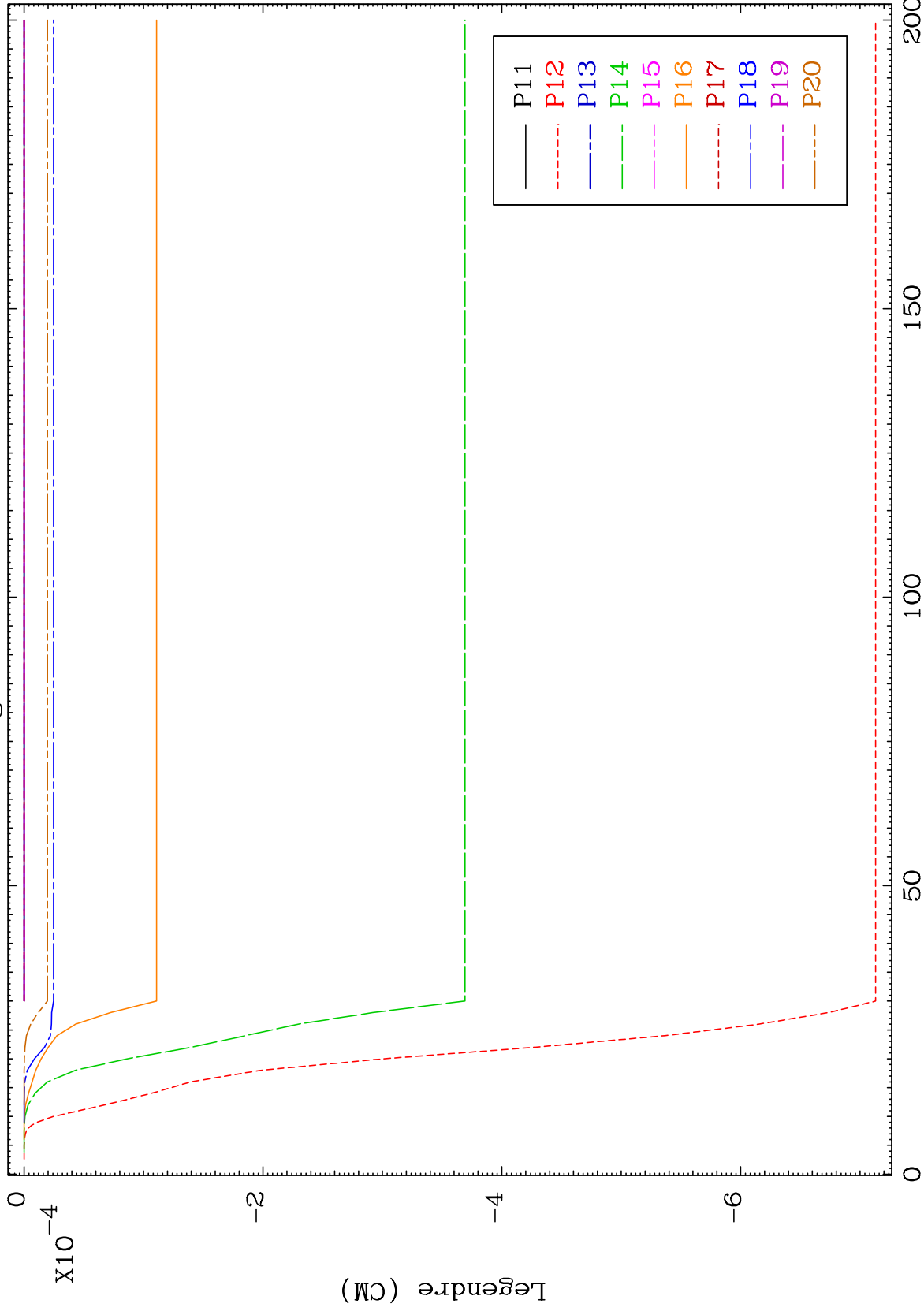
Incident Energy (MeV)

30

MAT 7283

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

73-Ta-166



31

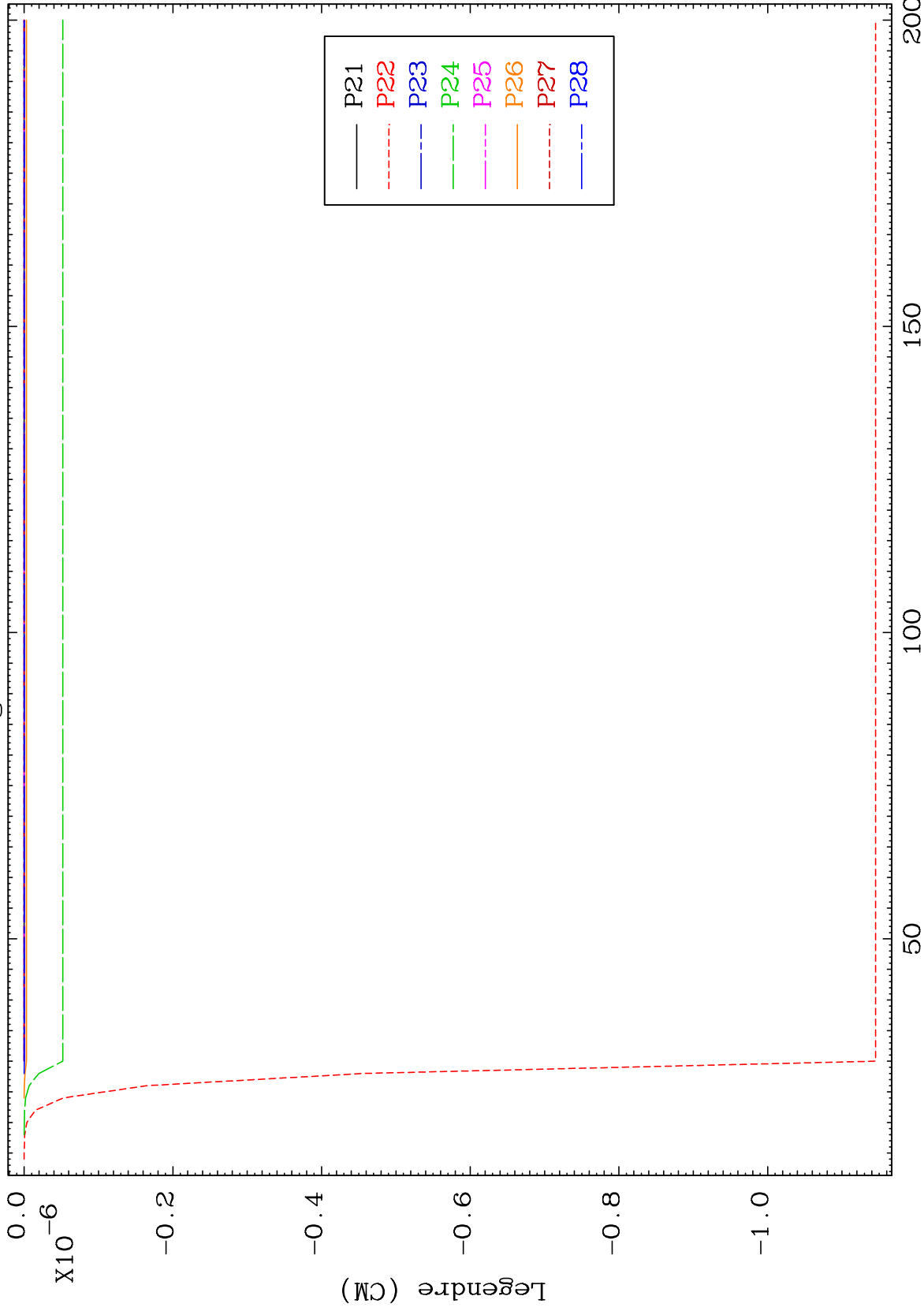
73-Ta-166



MAT 7283

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

73-Ta-166



32

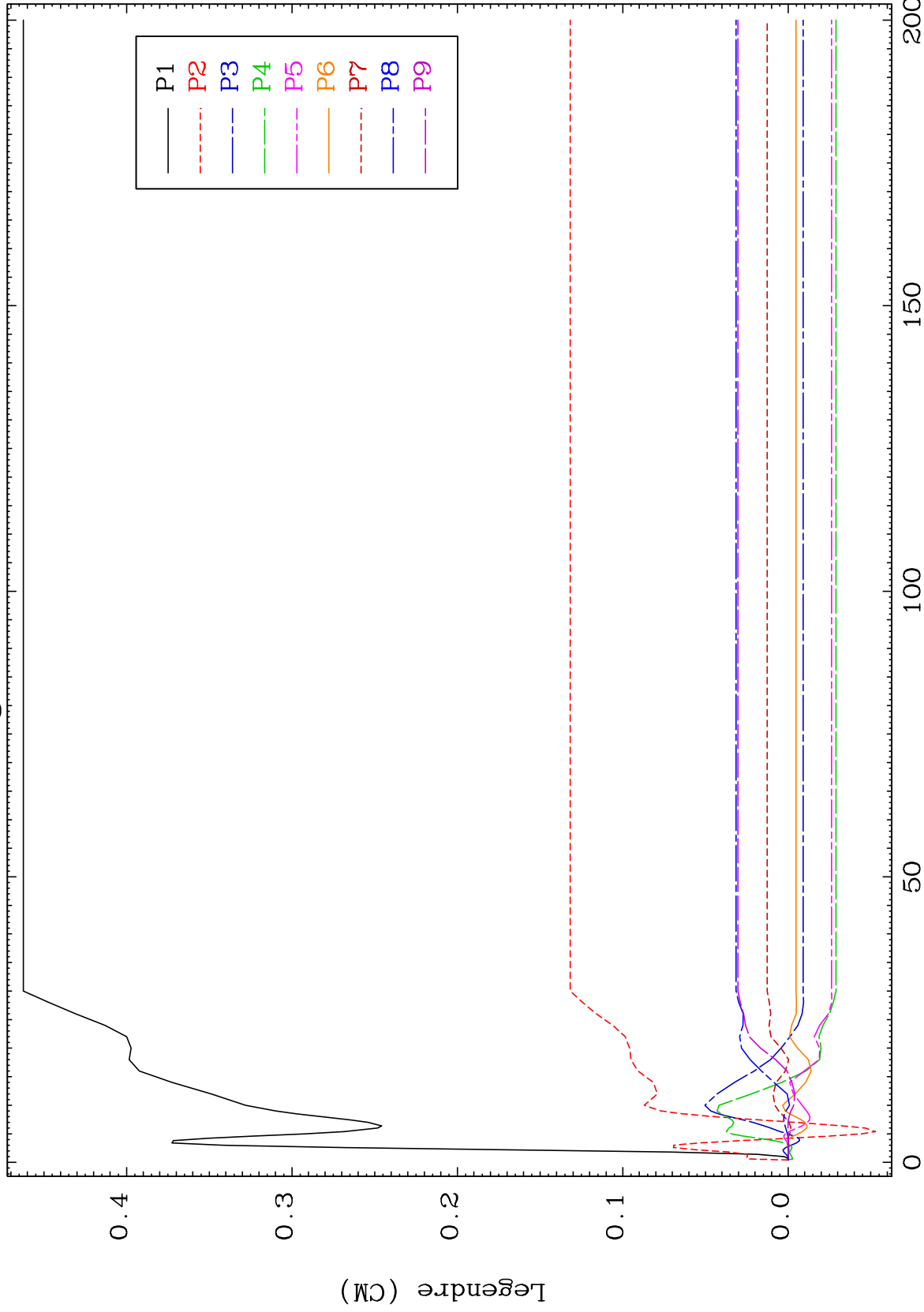
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



33

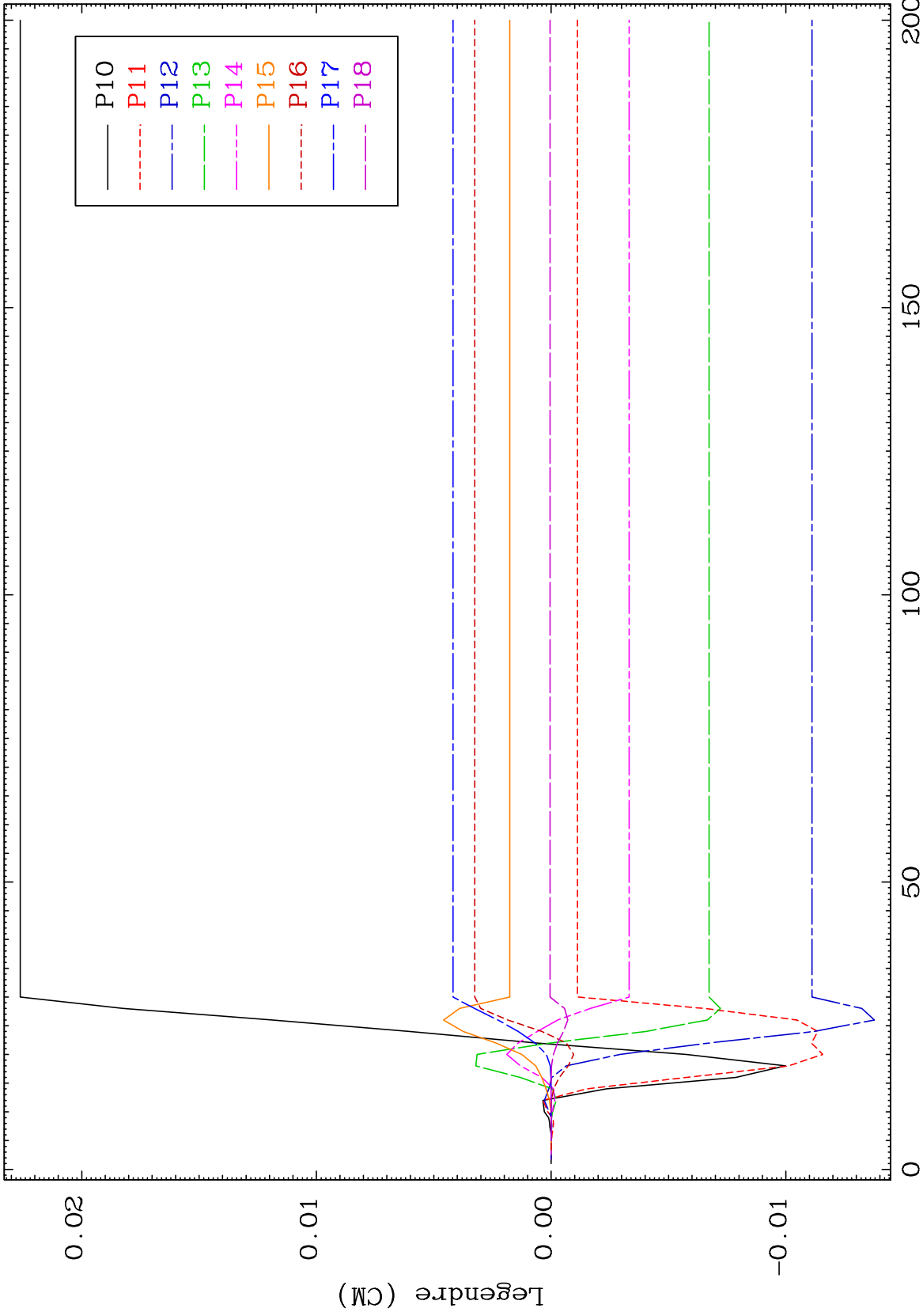
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



34

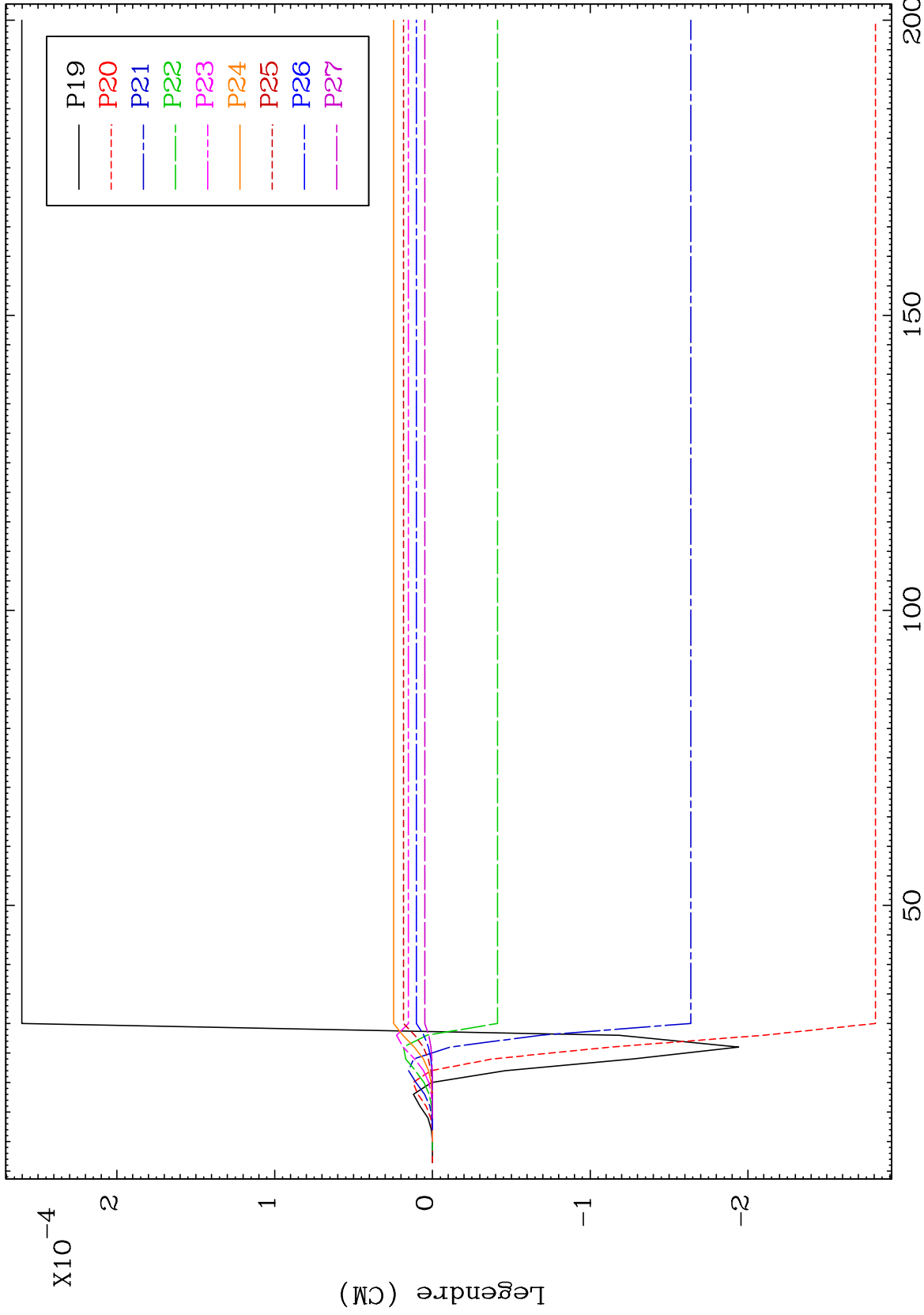
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



35

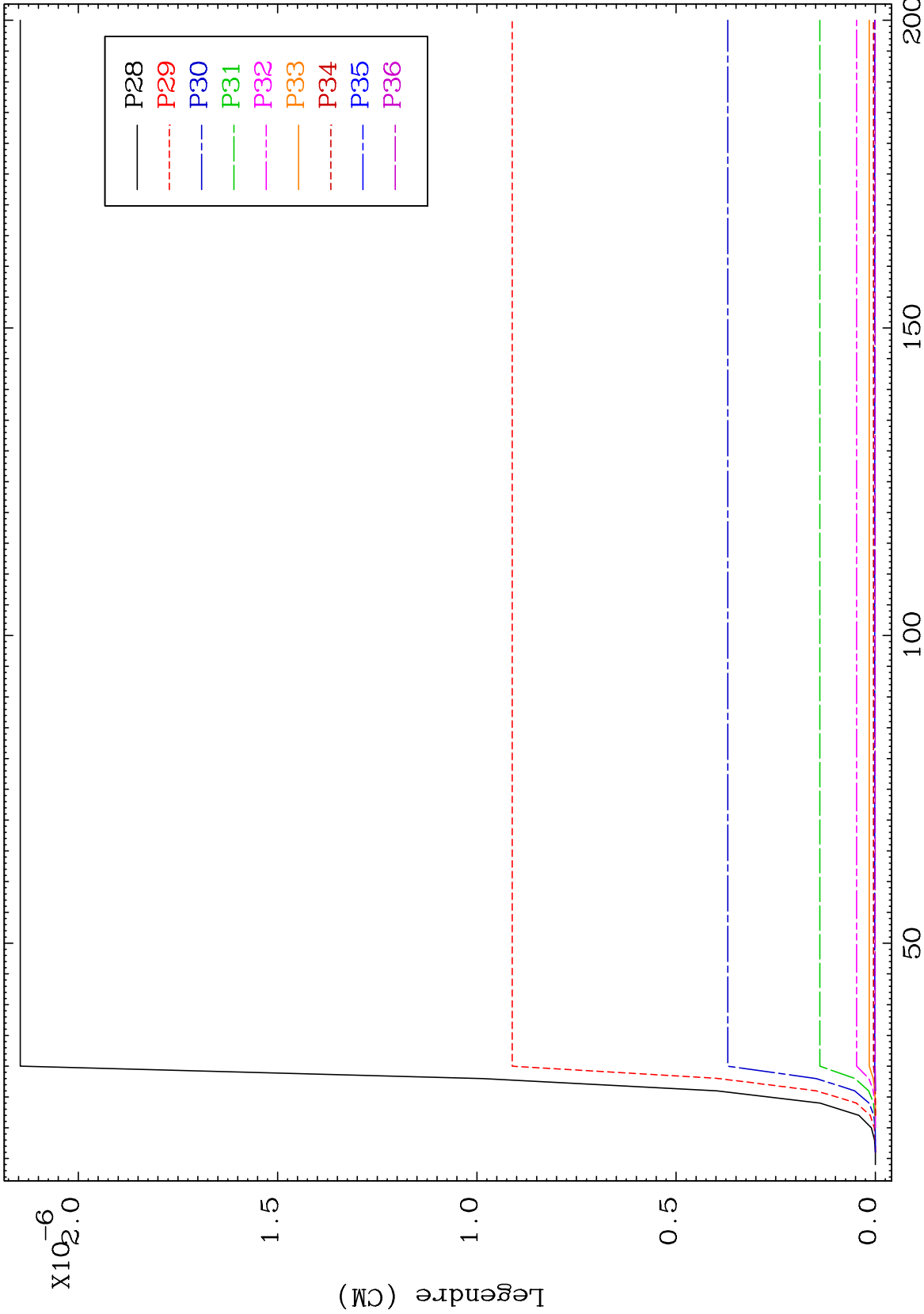
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



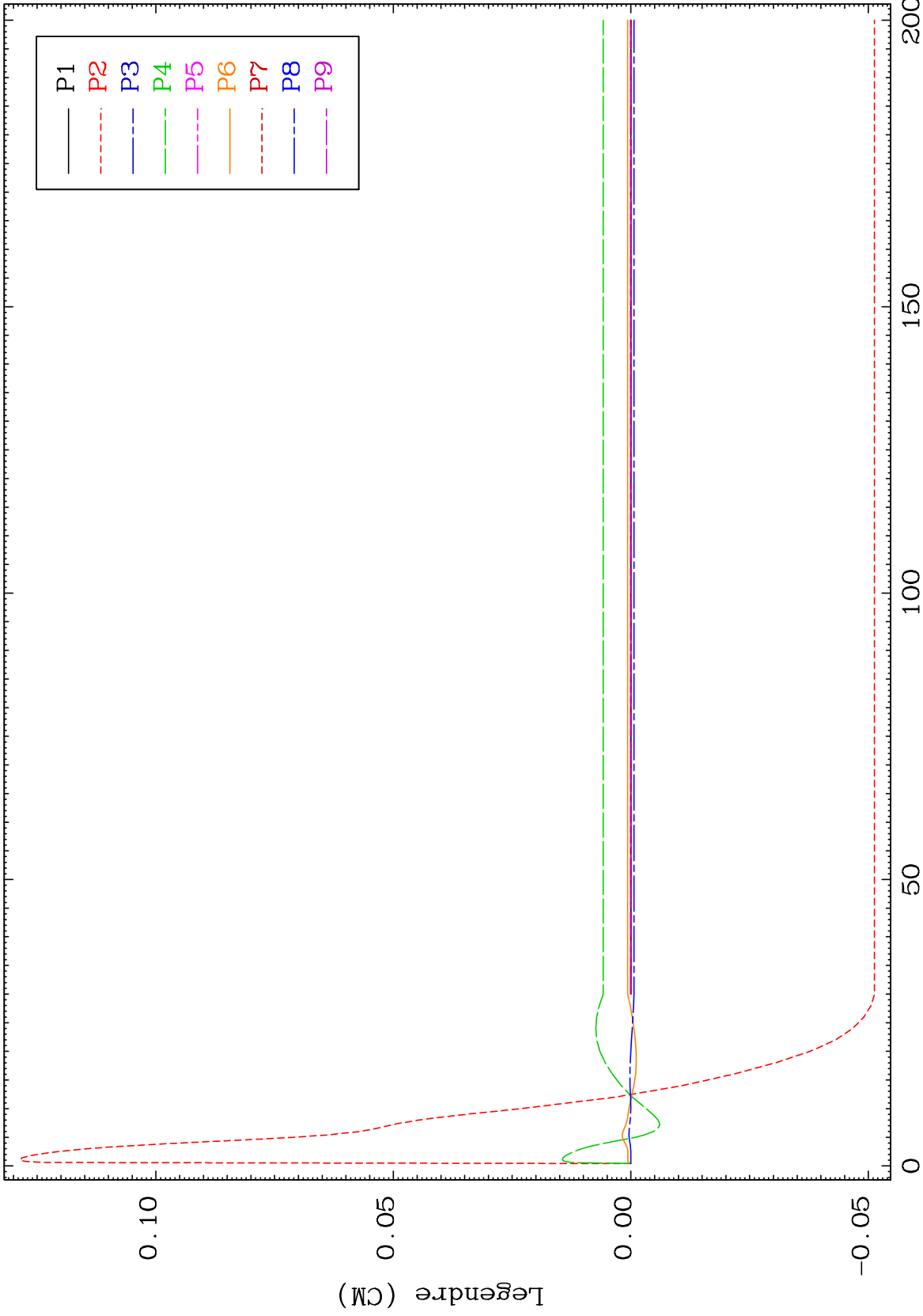
36

73-Ta-166

MAT 7283

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

73-Ta-166



37

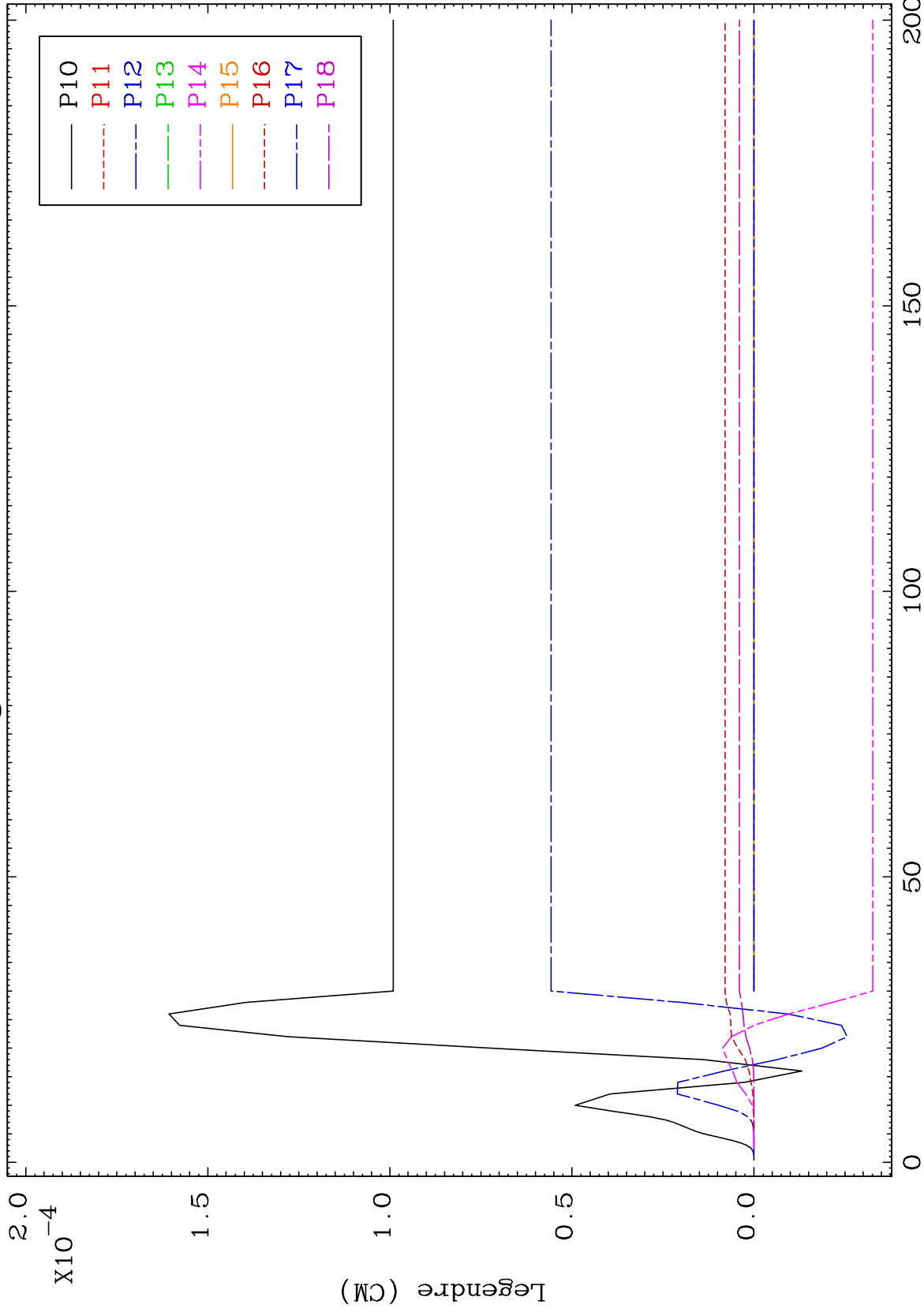
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



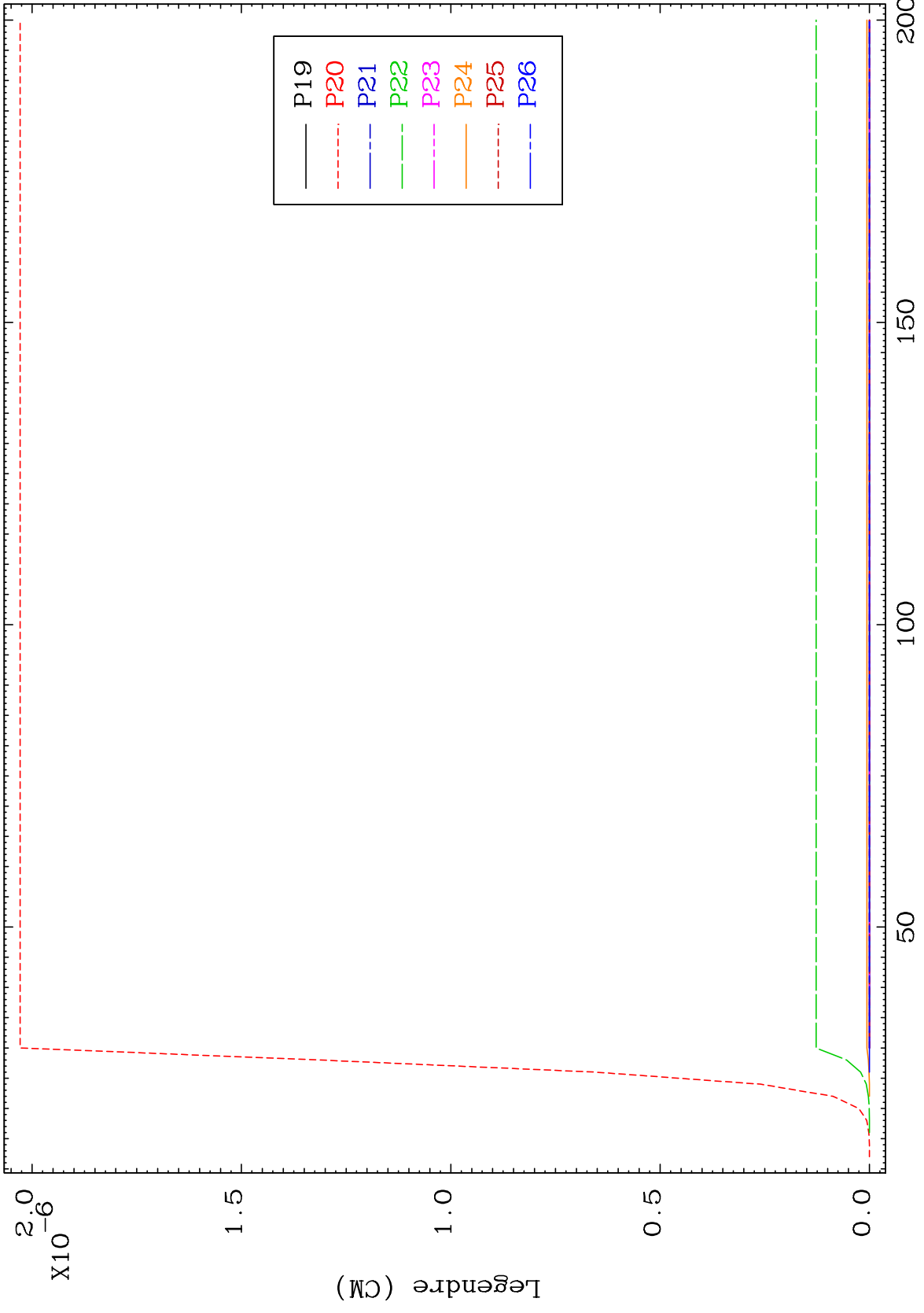
38

73-Ta-166

MAT 7283

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

73-Ta-166



39

Incident Energy (MeV)

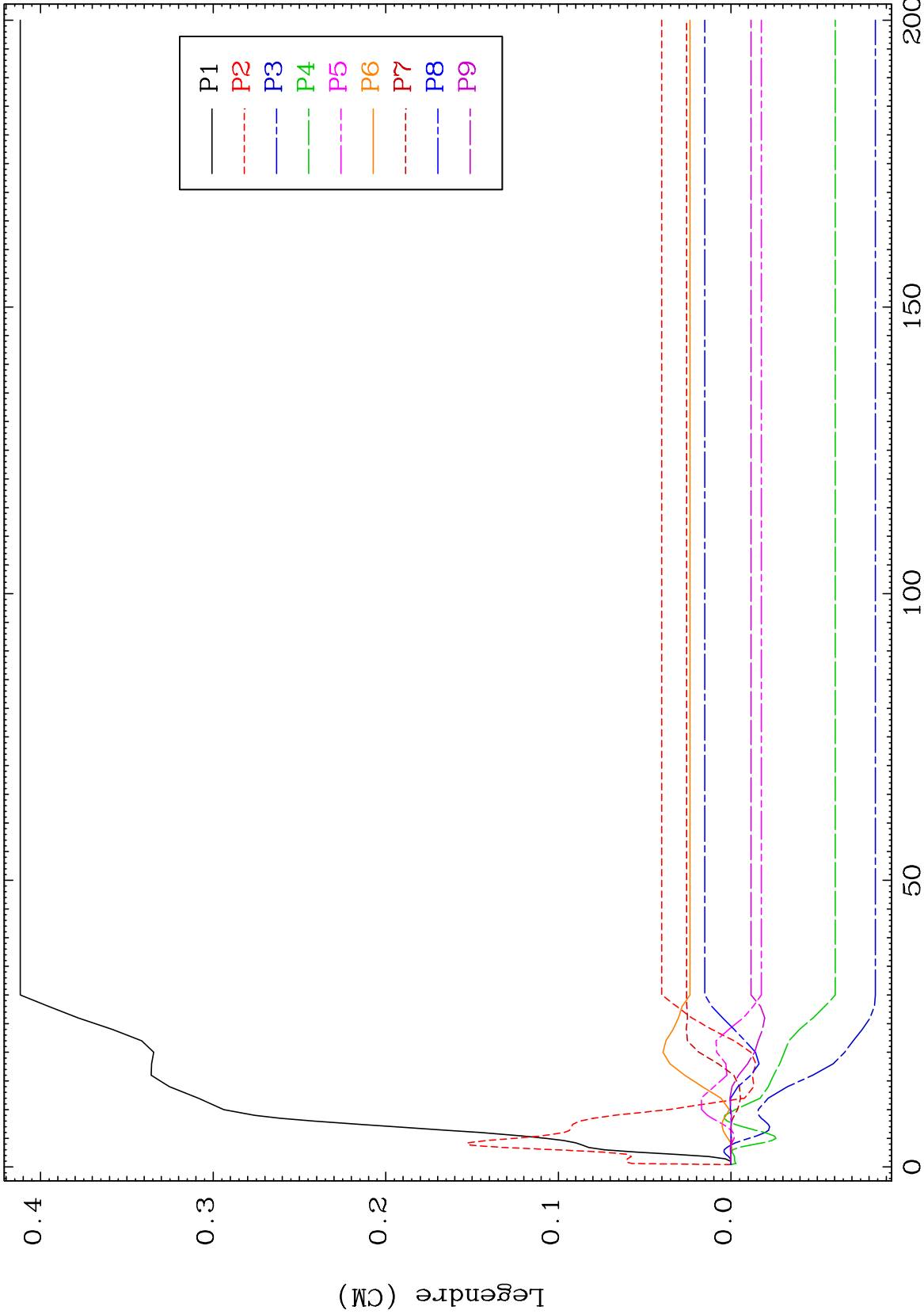
73-Ta-166



MAT 7283

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

73-Ta-166



73-Ta-166

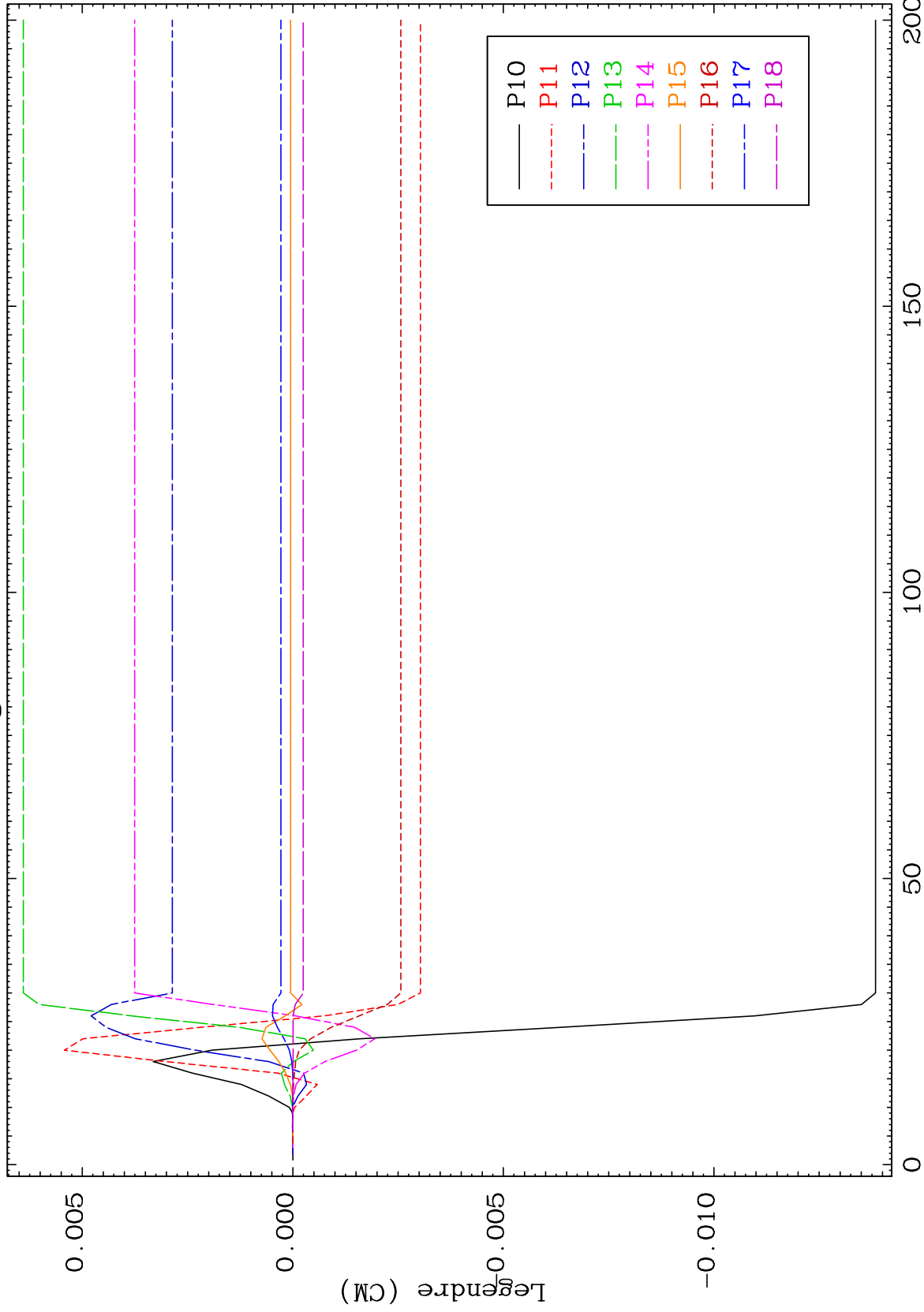
Incident Energy (MeV)

40

MAT 7283

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

73-Ta-166



41

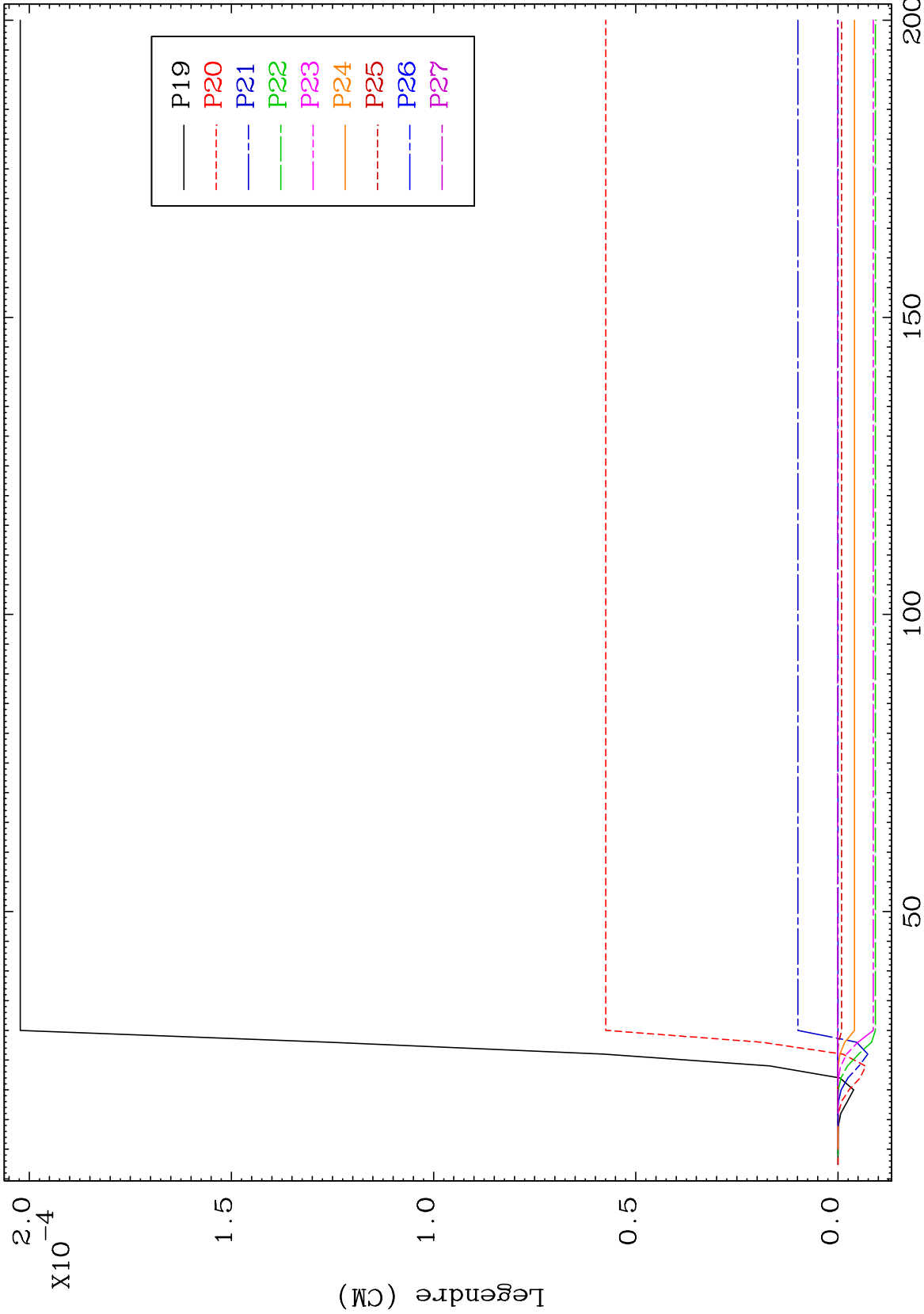
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



42

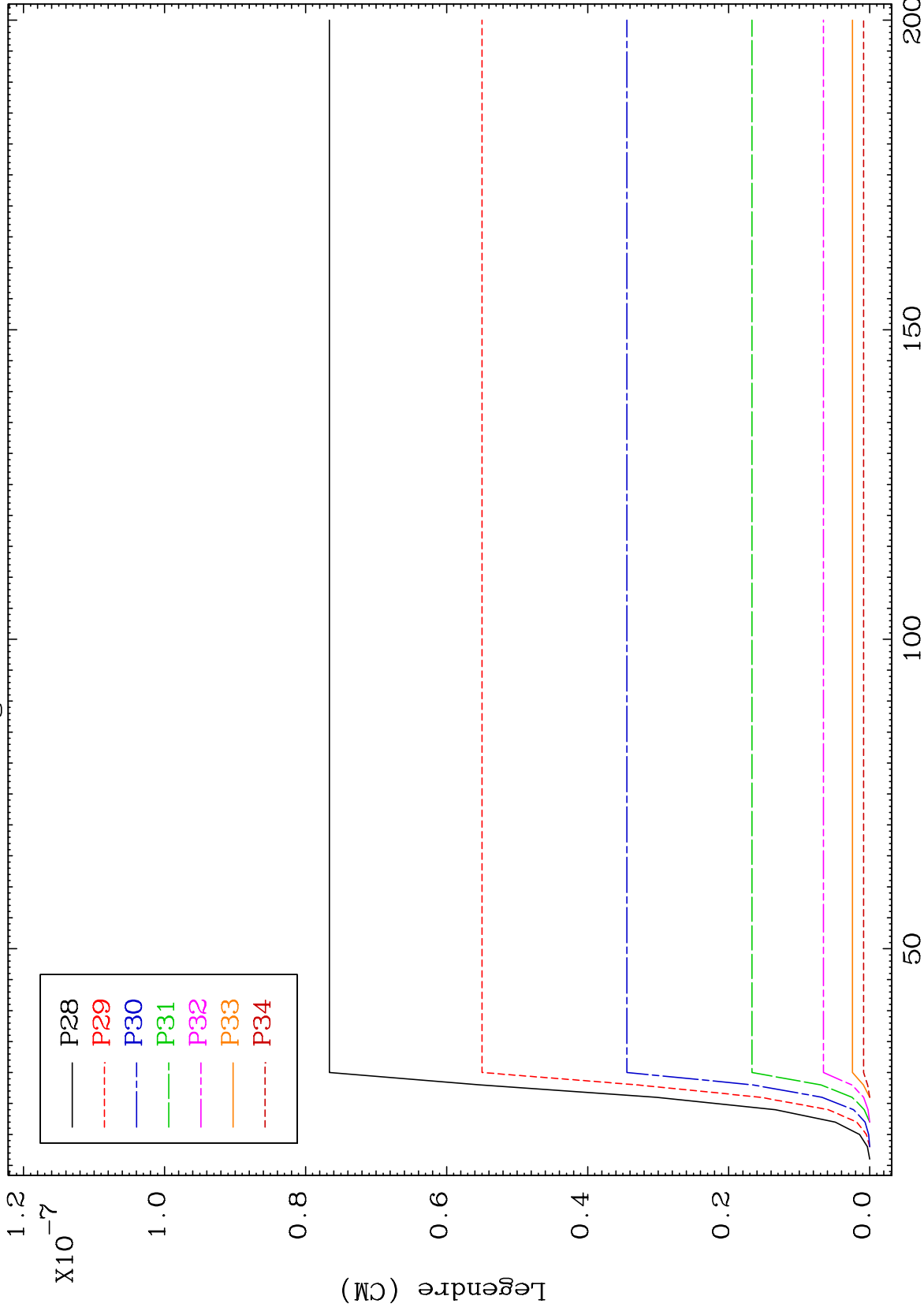
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



43

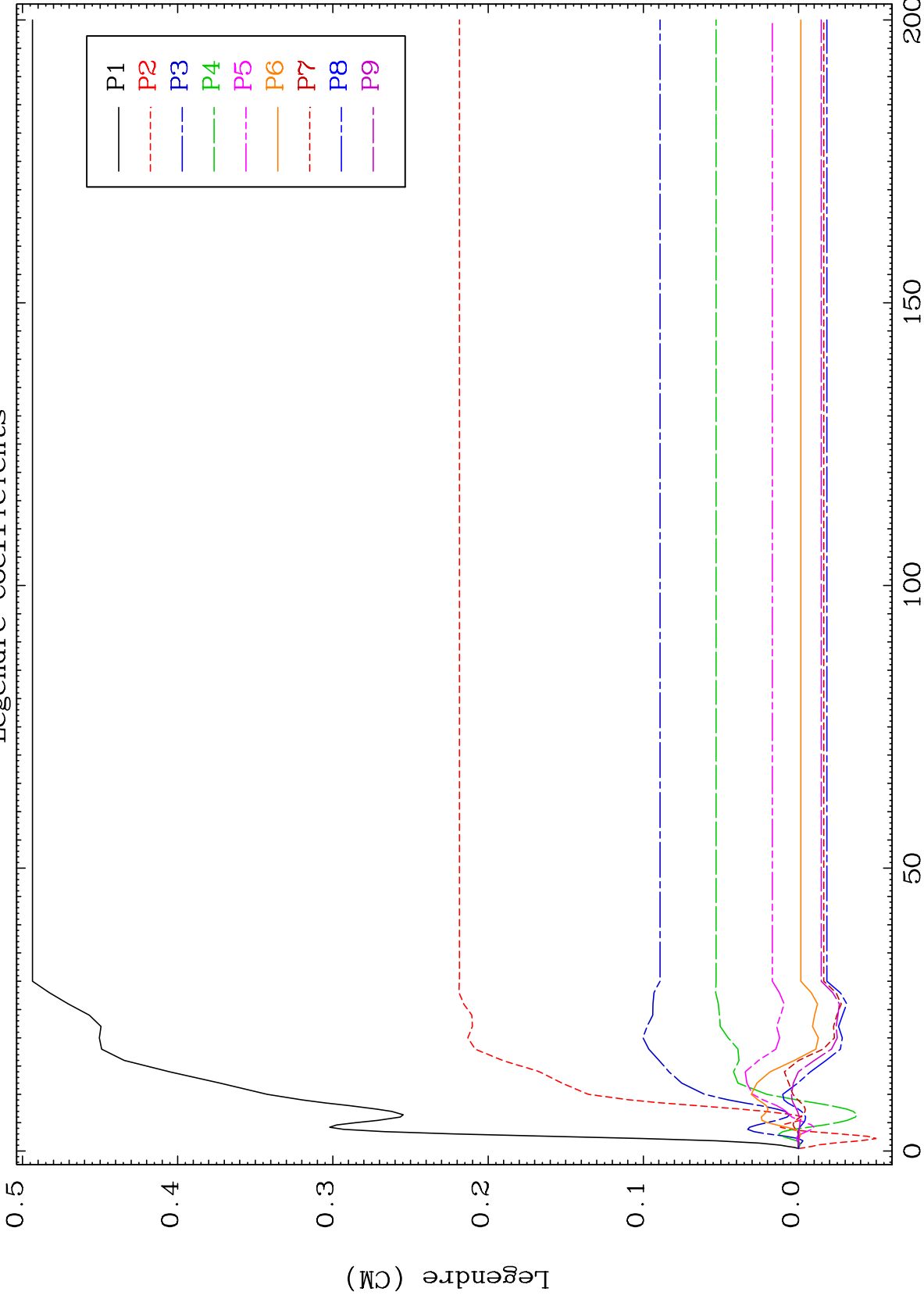
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



44

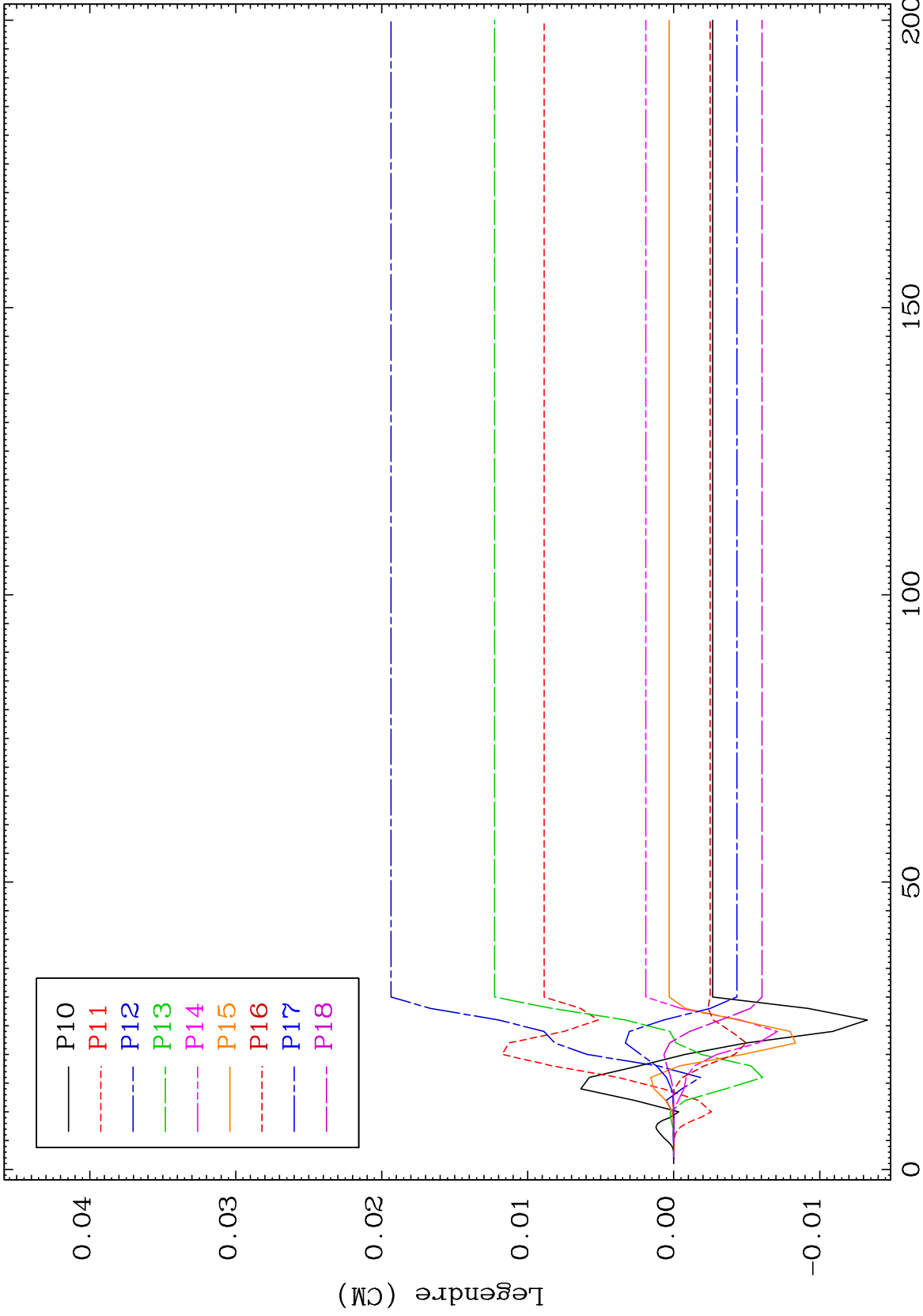
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



45

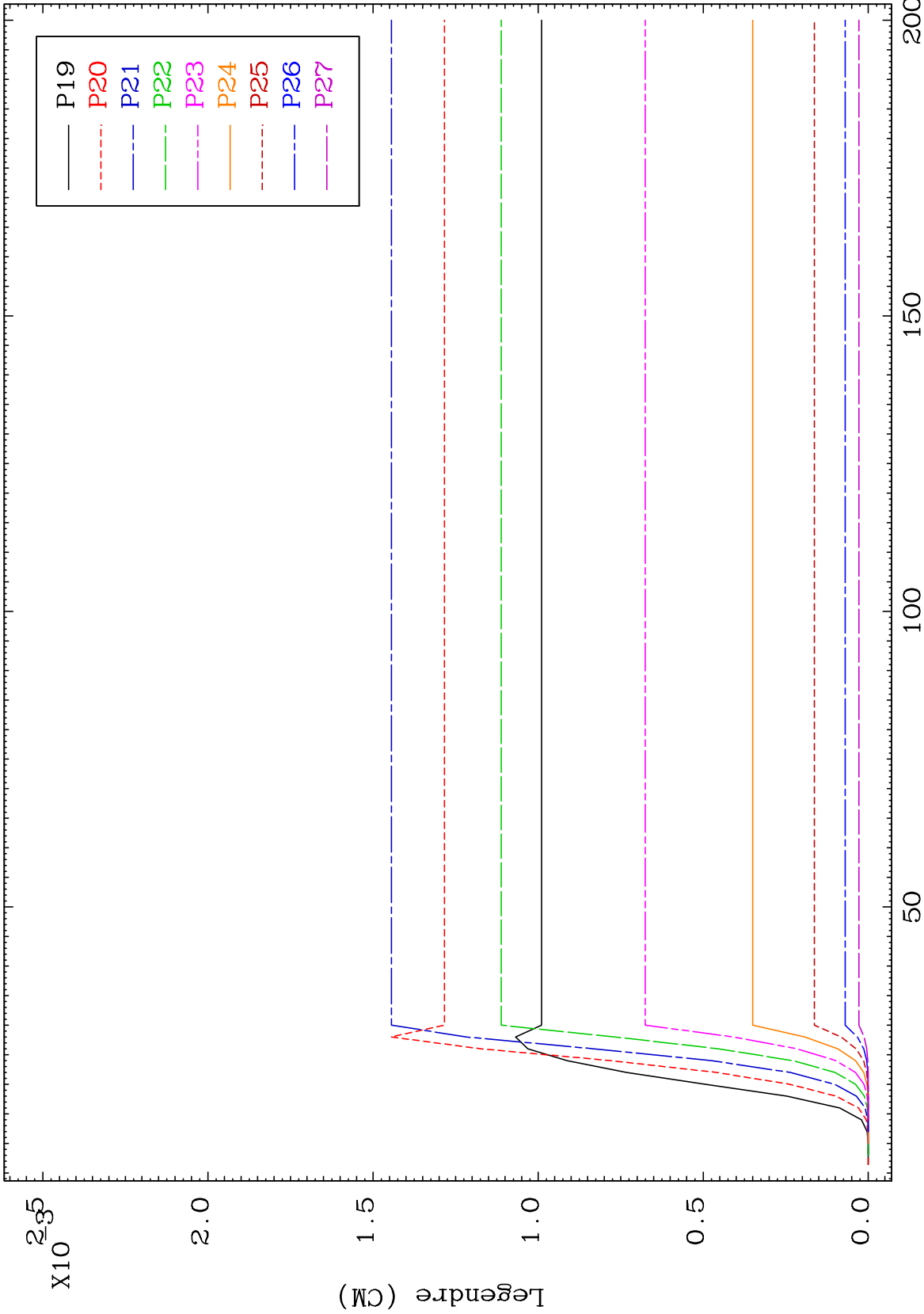
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



46

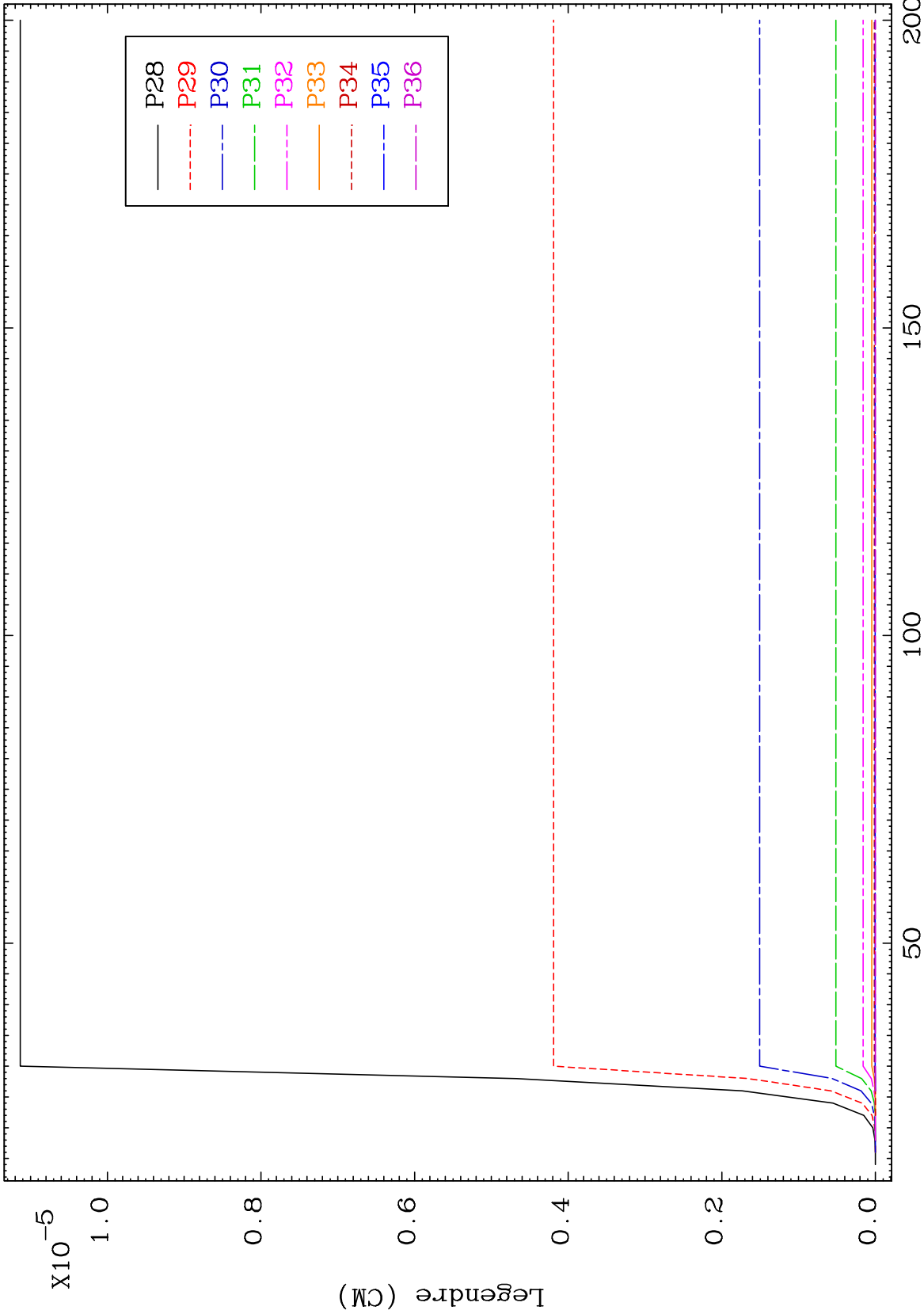
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



47

Incident Energy (MeV)

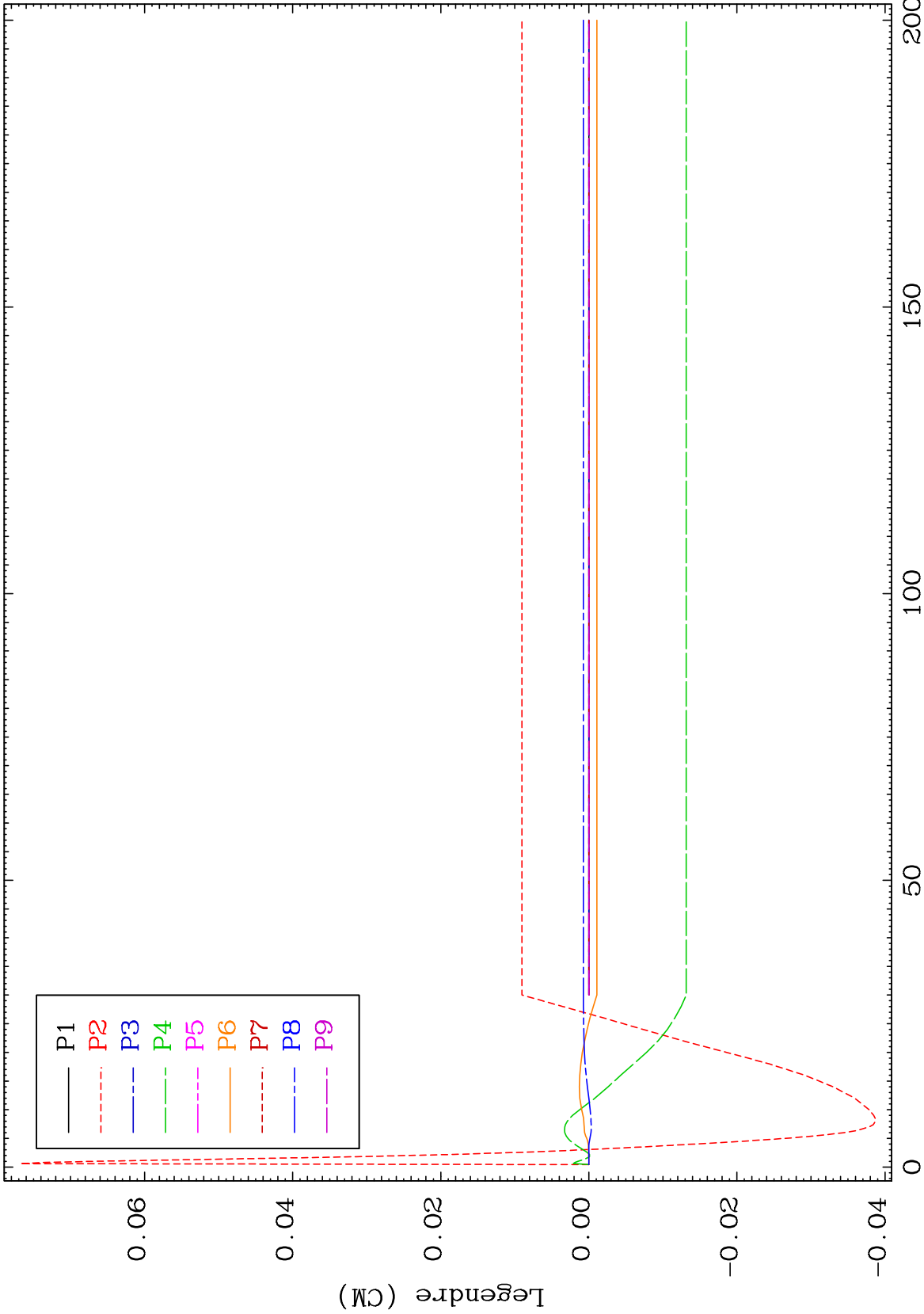
73-Ta-166



MAT 7283

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

73-Ta-166



48

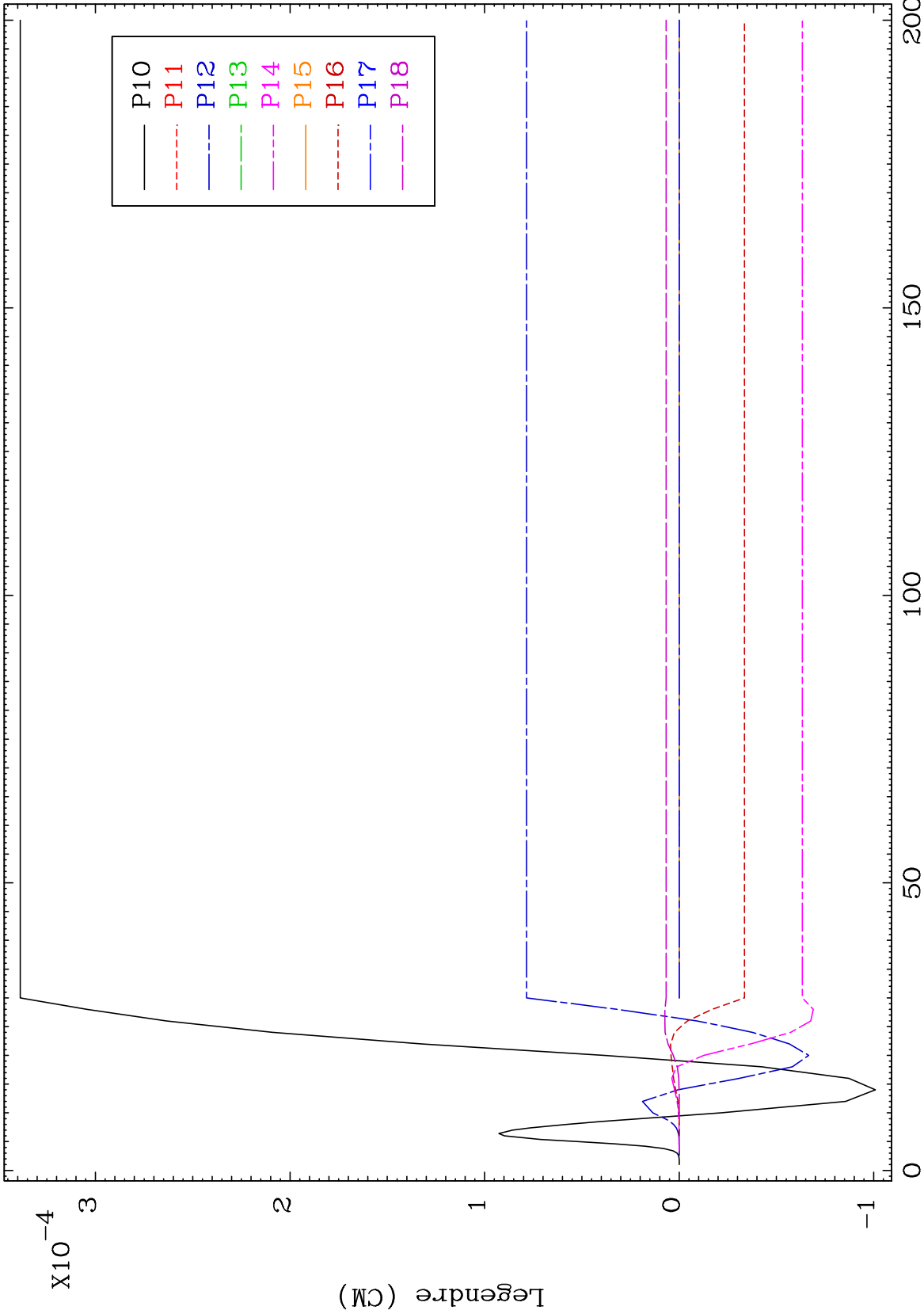
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



49

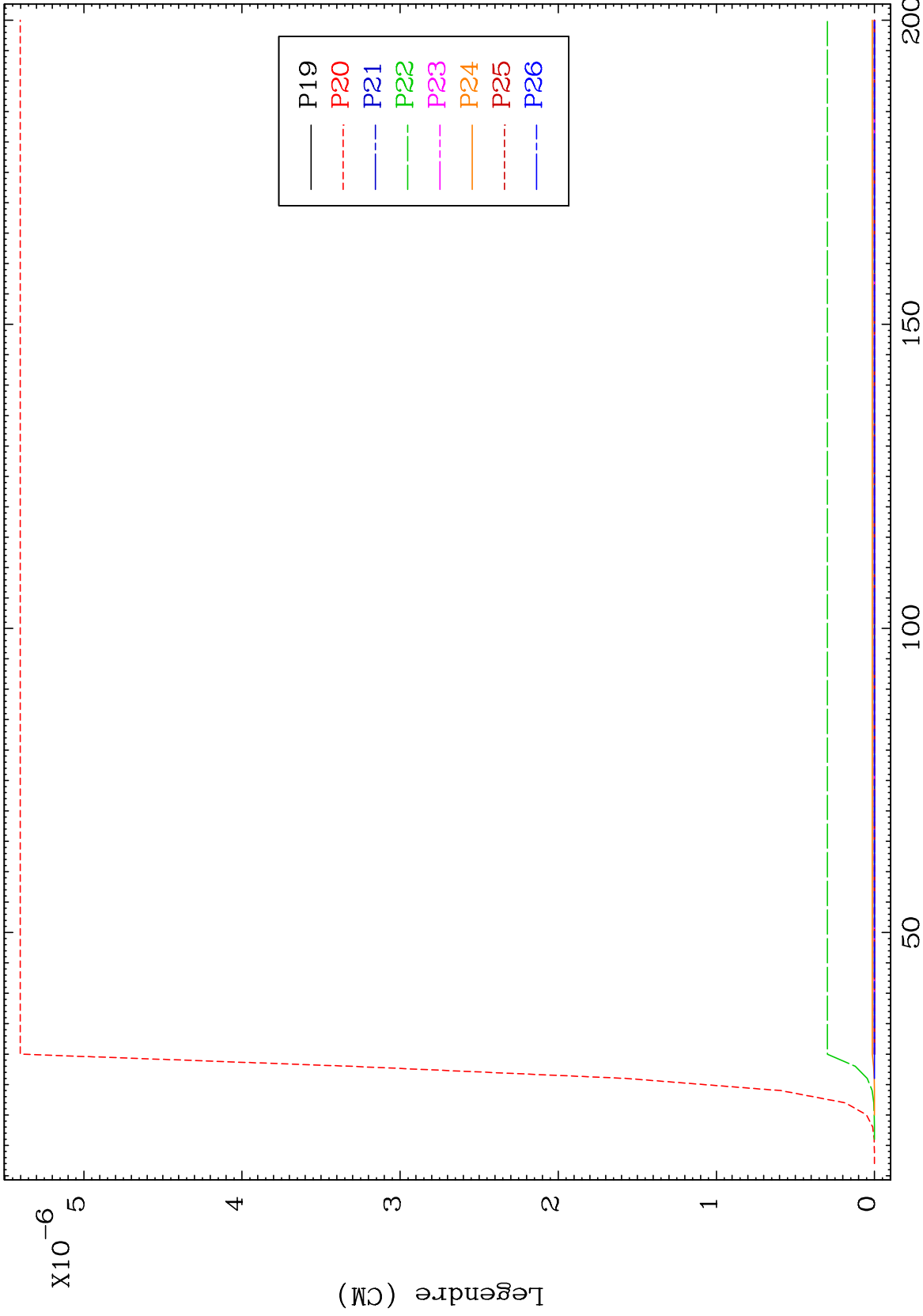
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



50

50

100

150

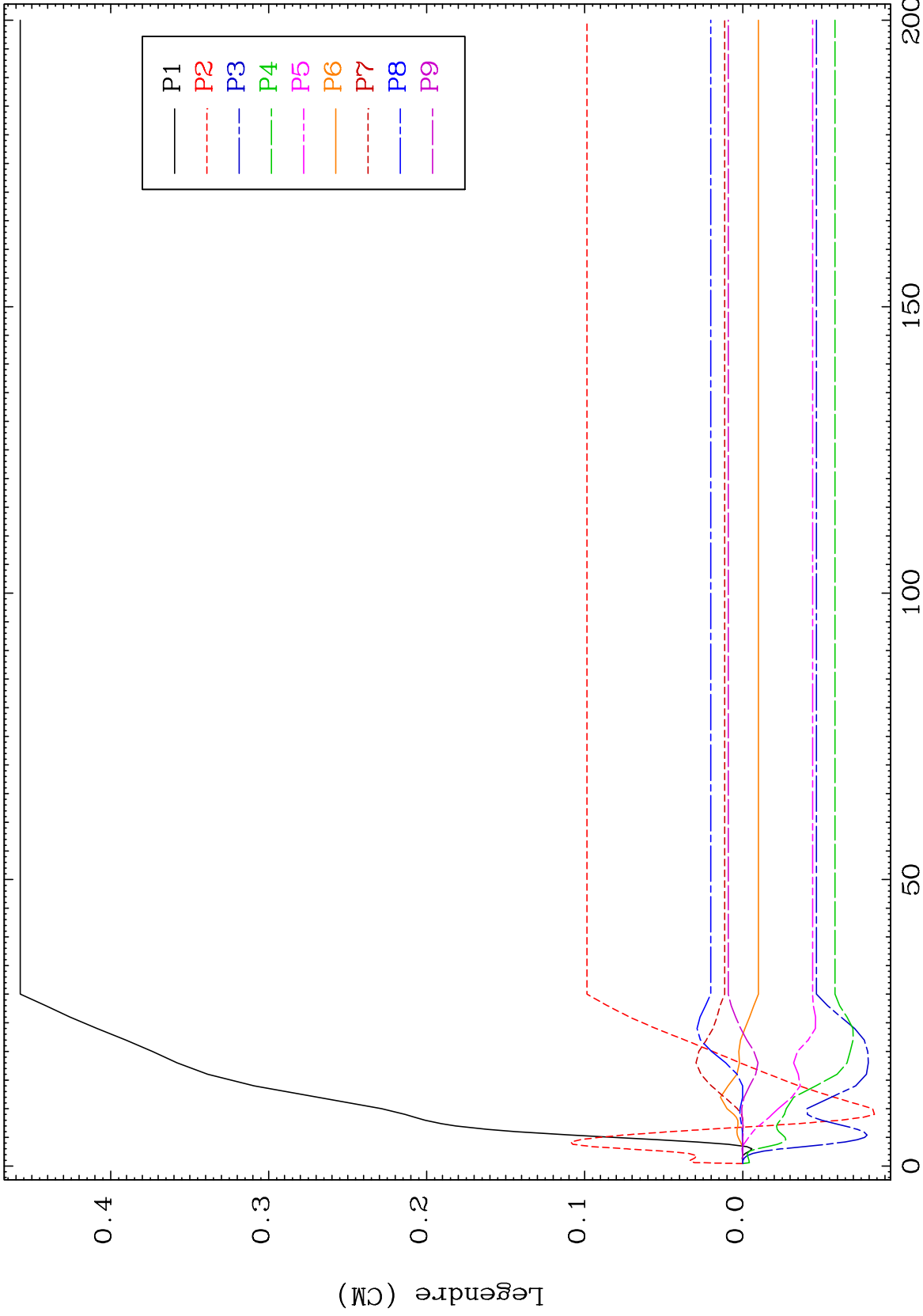
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



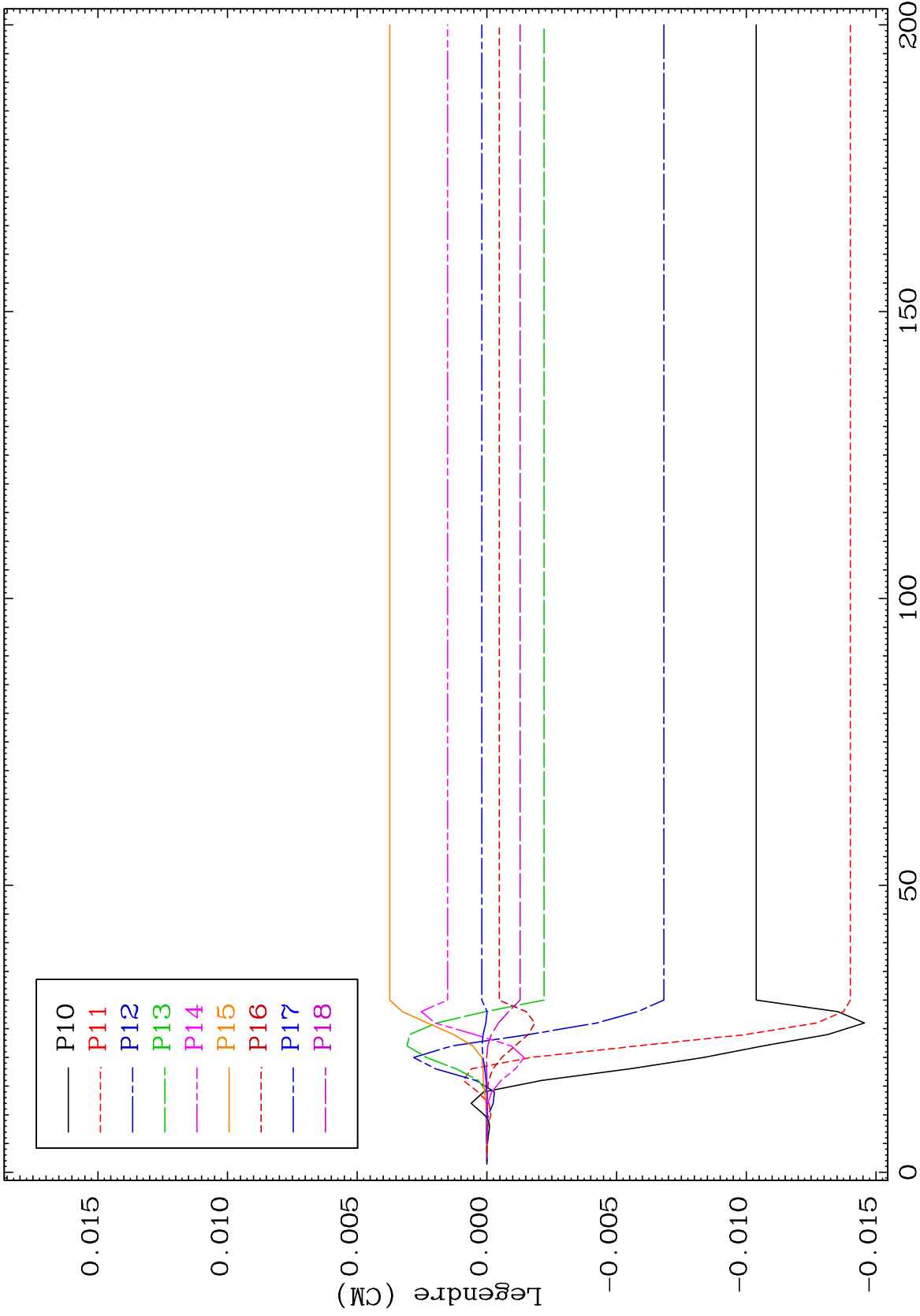
51

73-Ta-166

MAT 7283

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

73-Ta-166



52

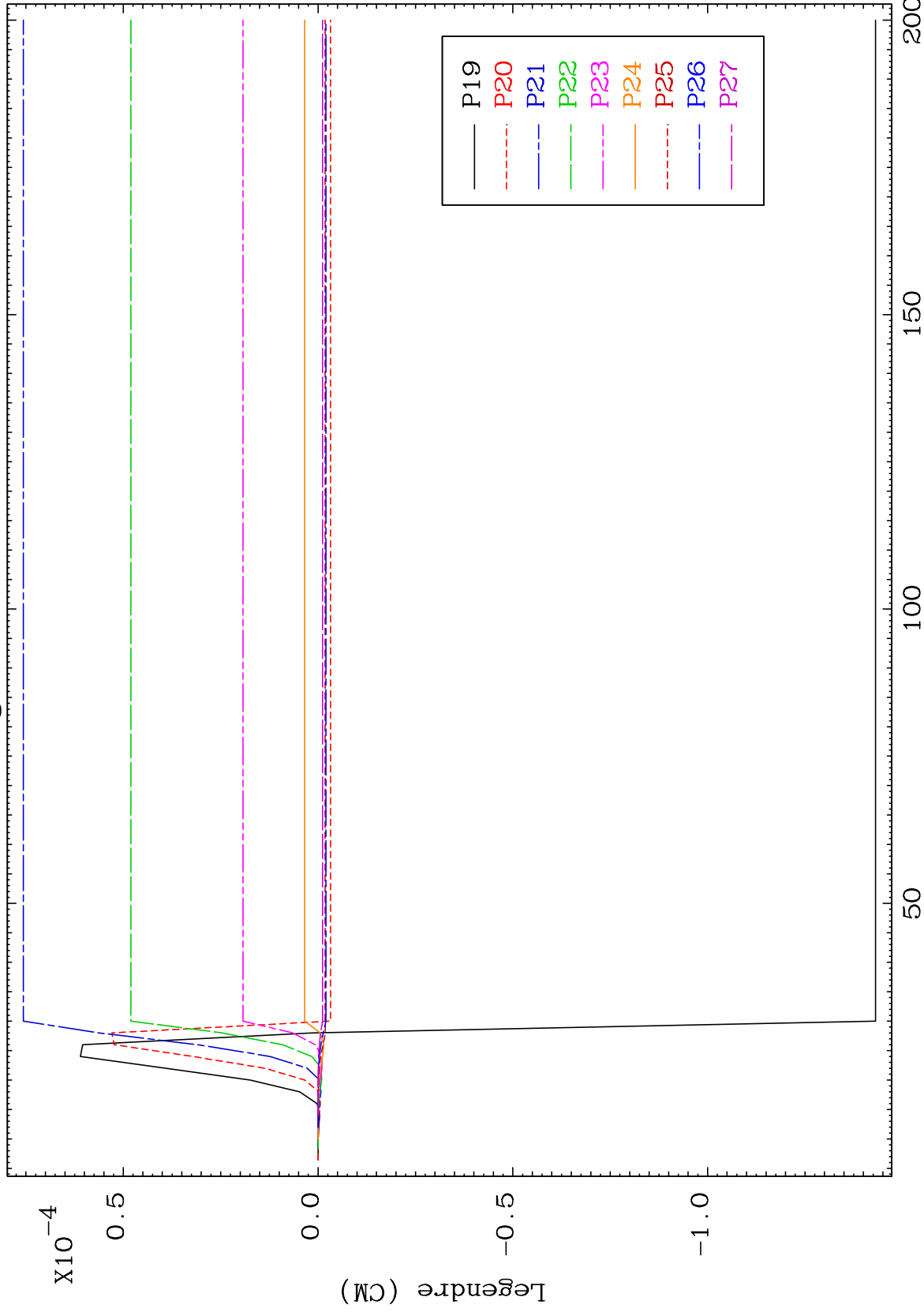
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



53

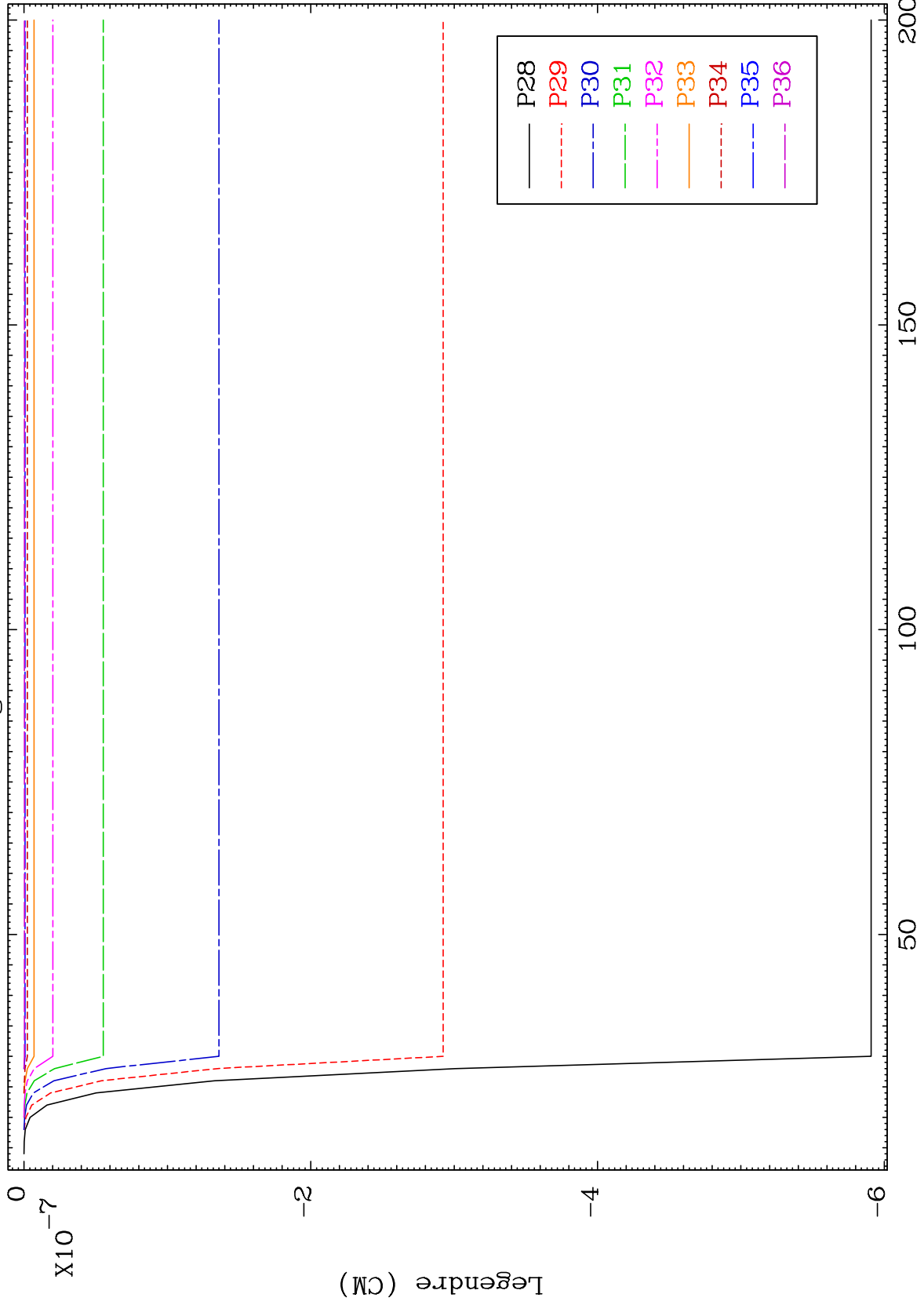
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



73-Ta-166

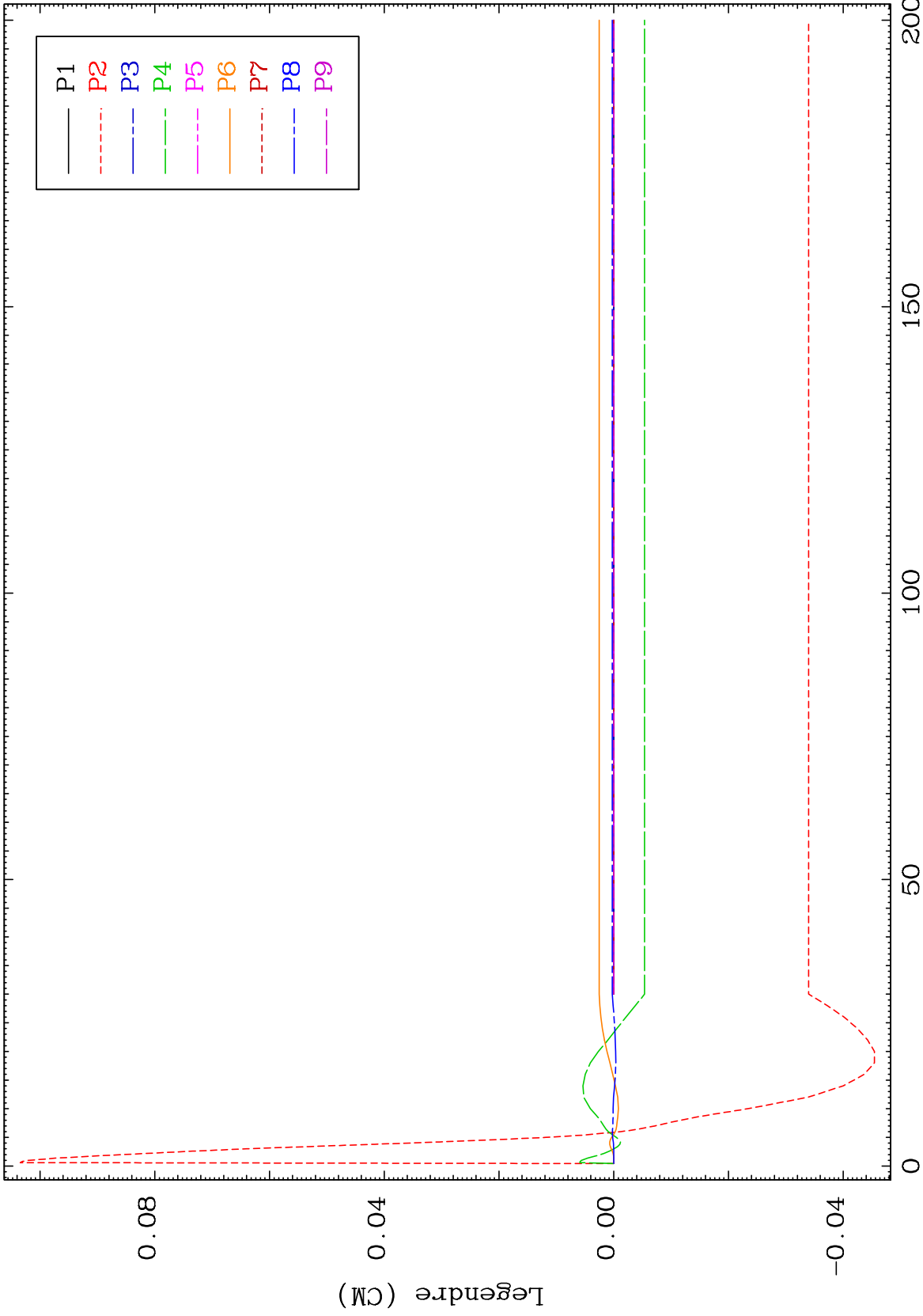
Incident Energy (MeV)

54

MAT 7283

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

73-Ta-166



55

Incident Energy (MeV)

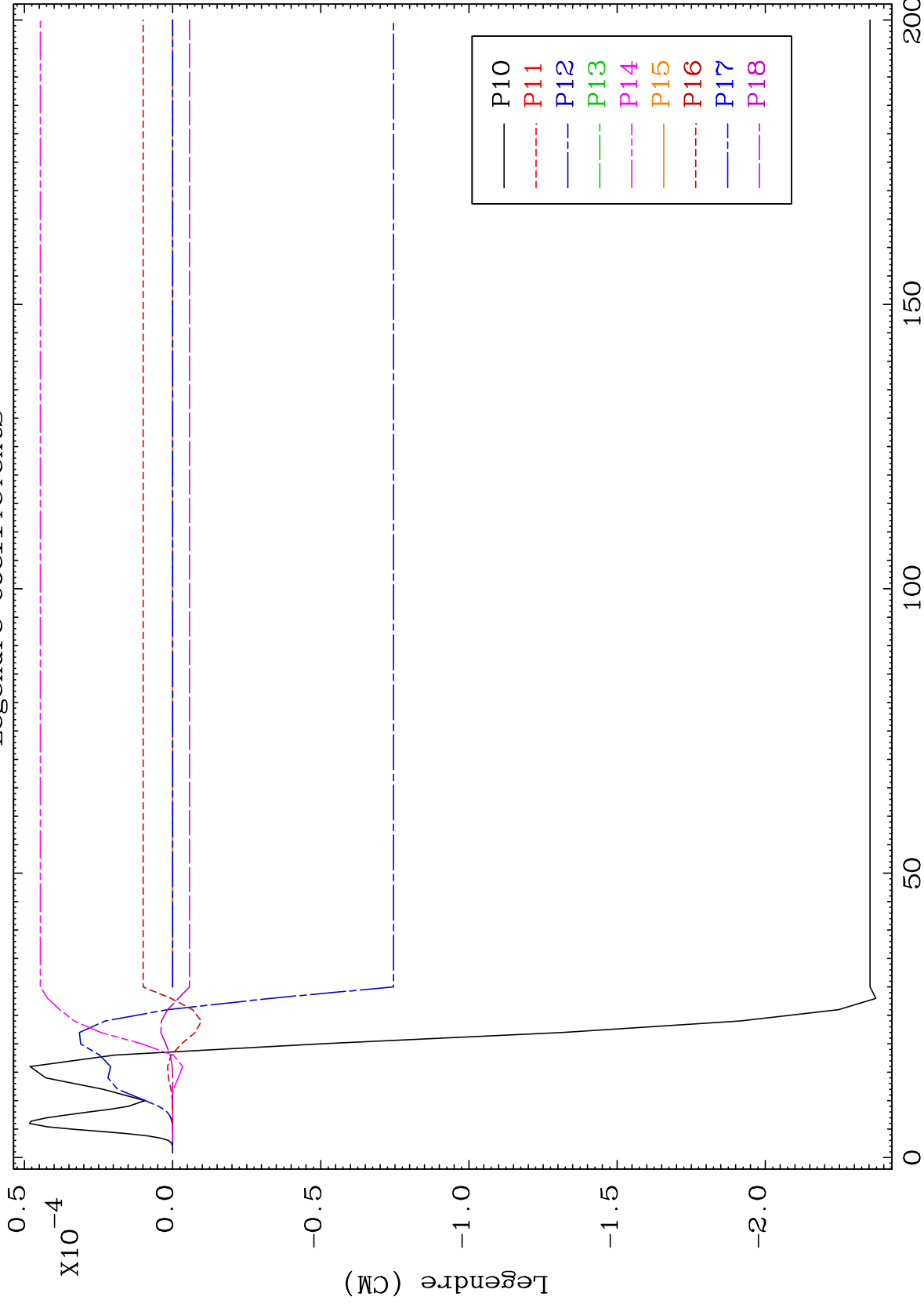
73-Ta-166



MAT 7283

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

73-Ta-166



56

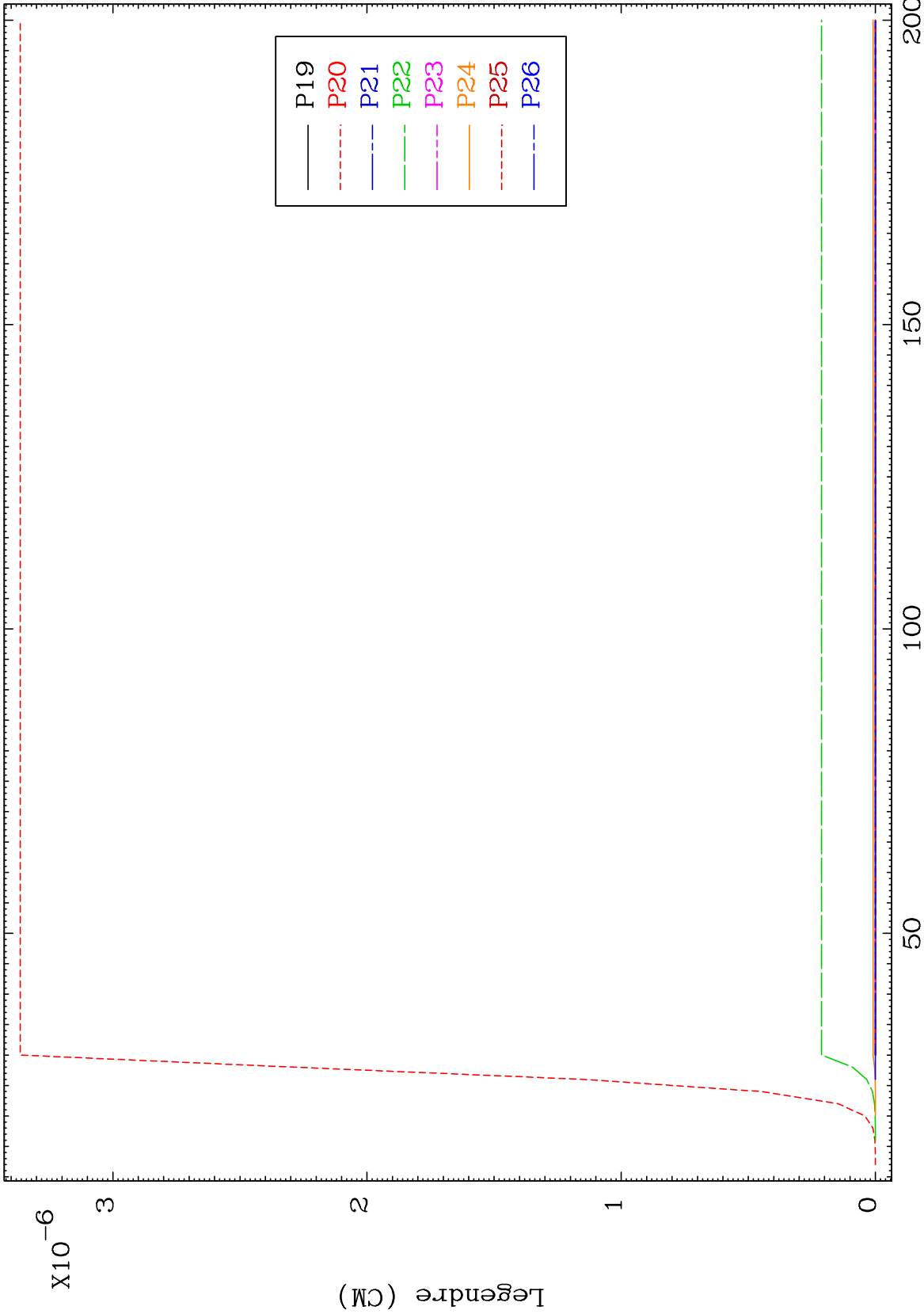
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



57

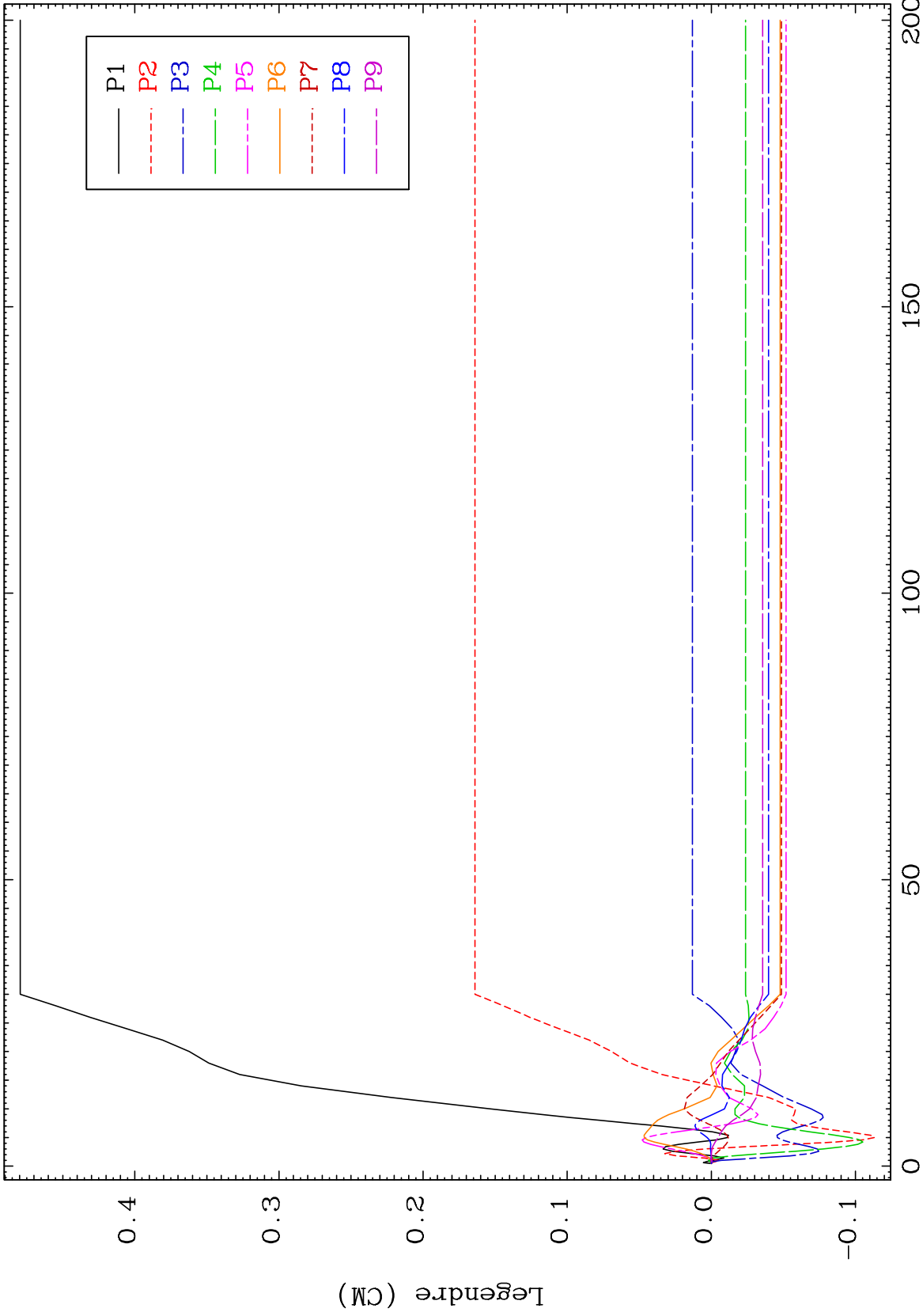
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



58

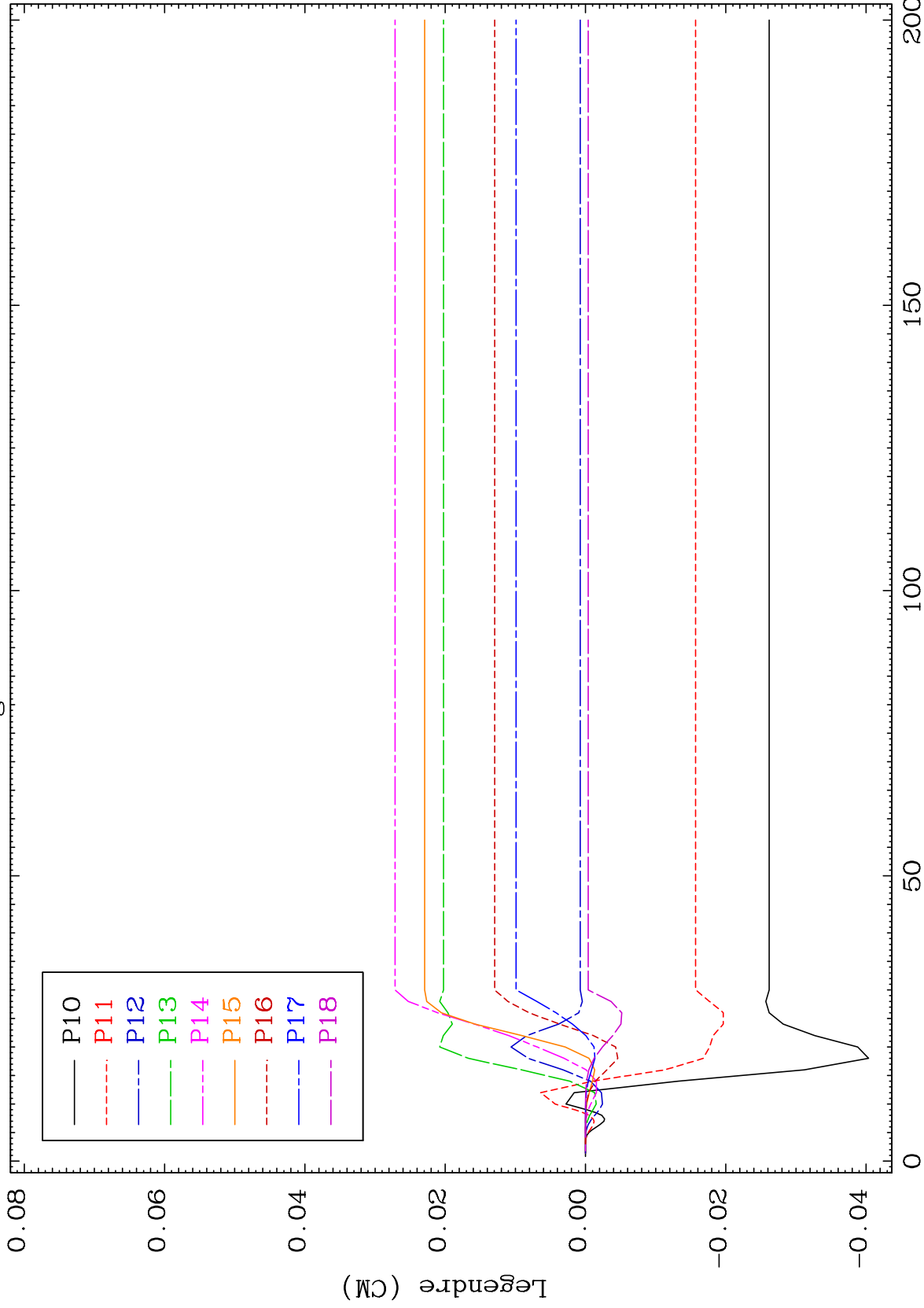
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



59

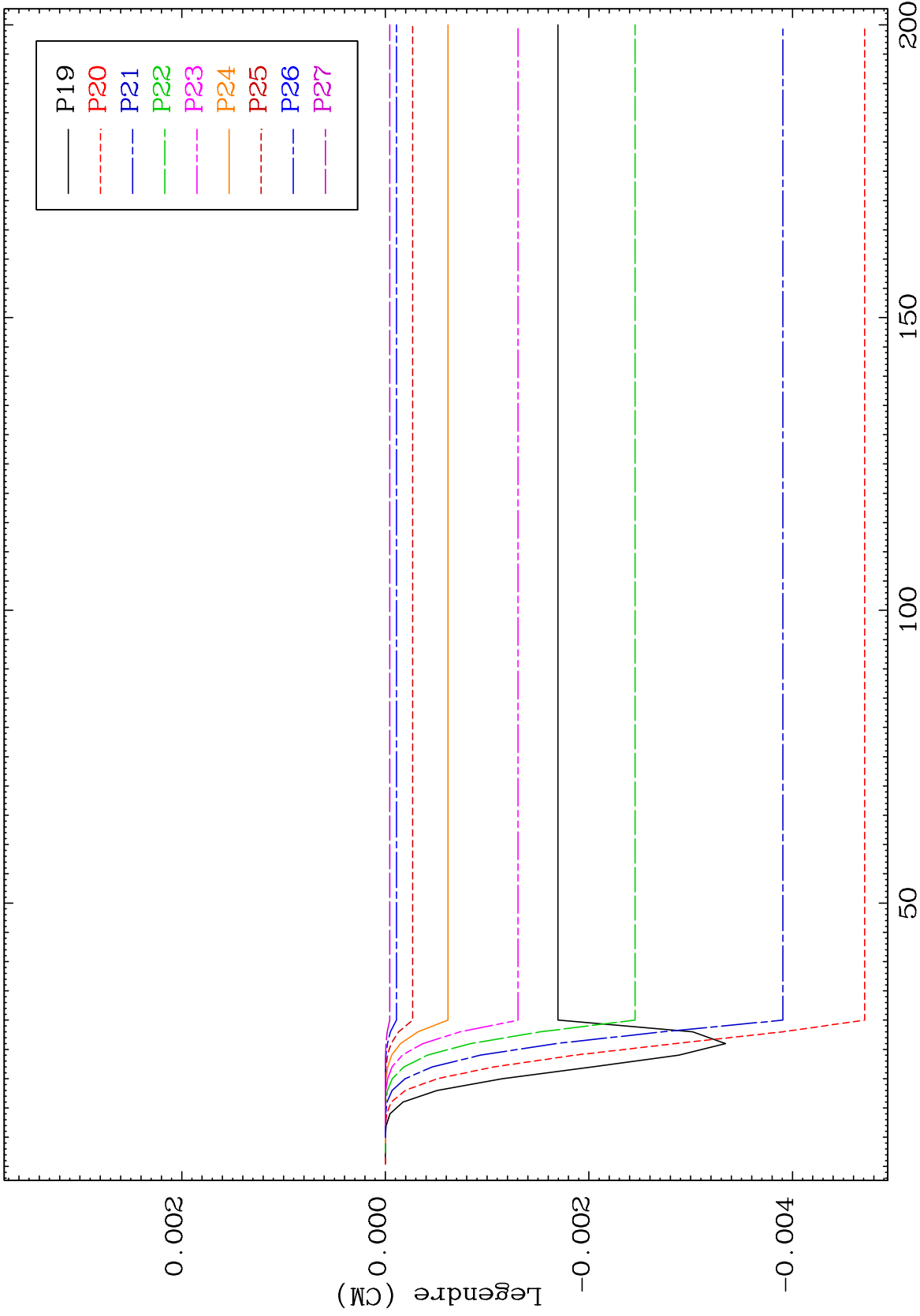
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



60

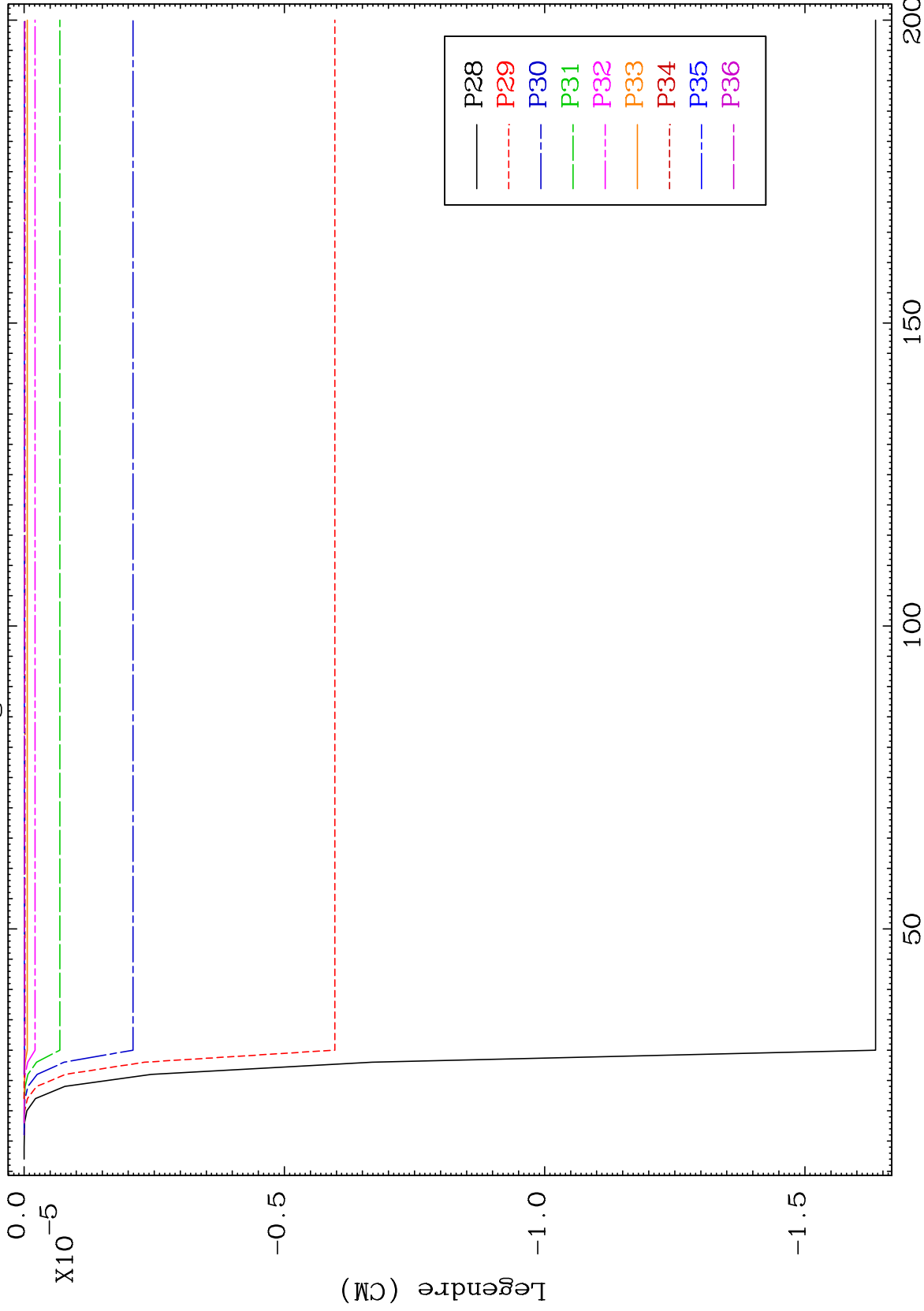
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



61

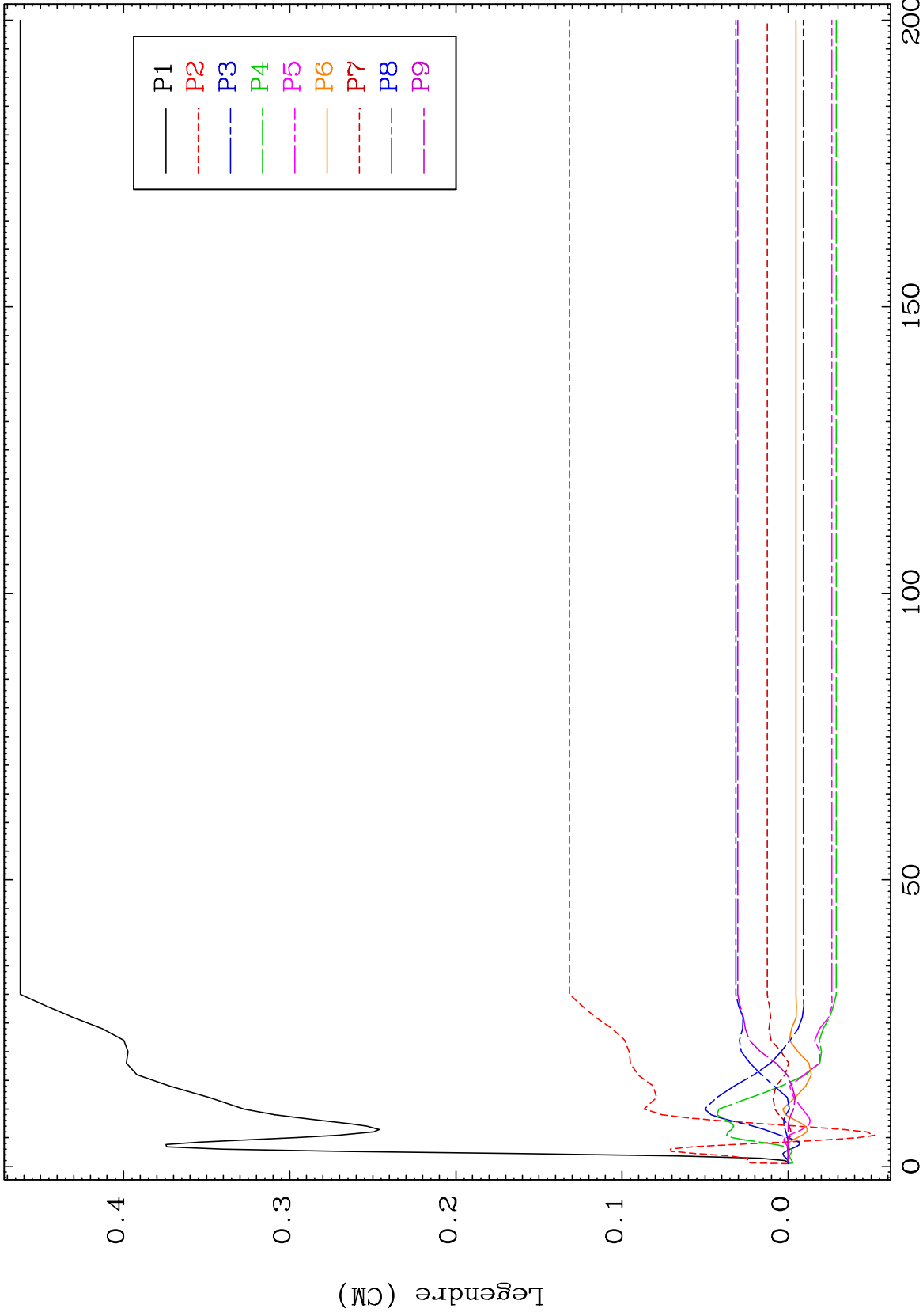
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



62

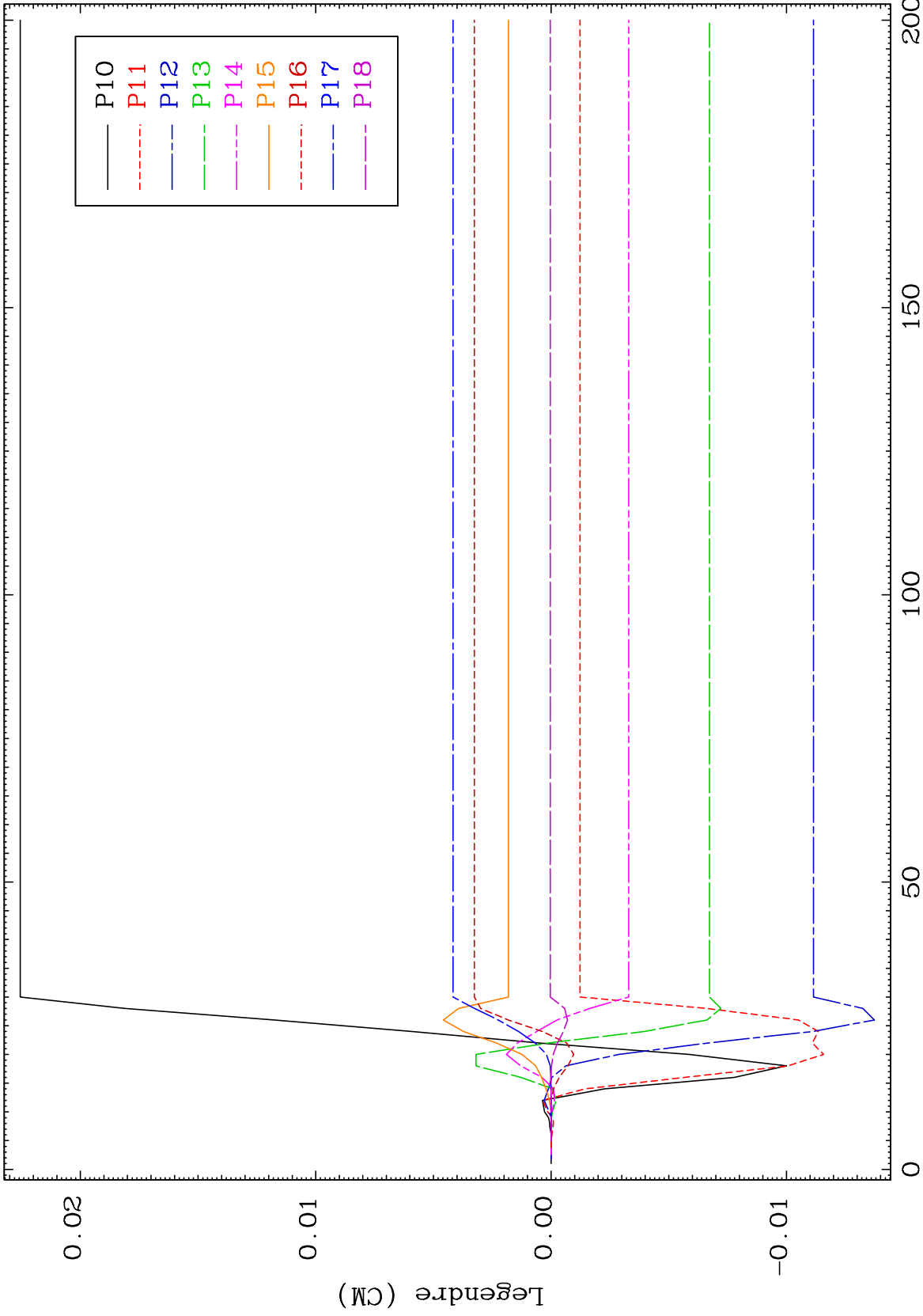
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



63

Incident Energy (MeV)

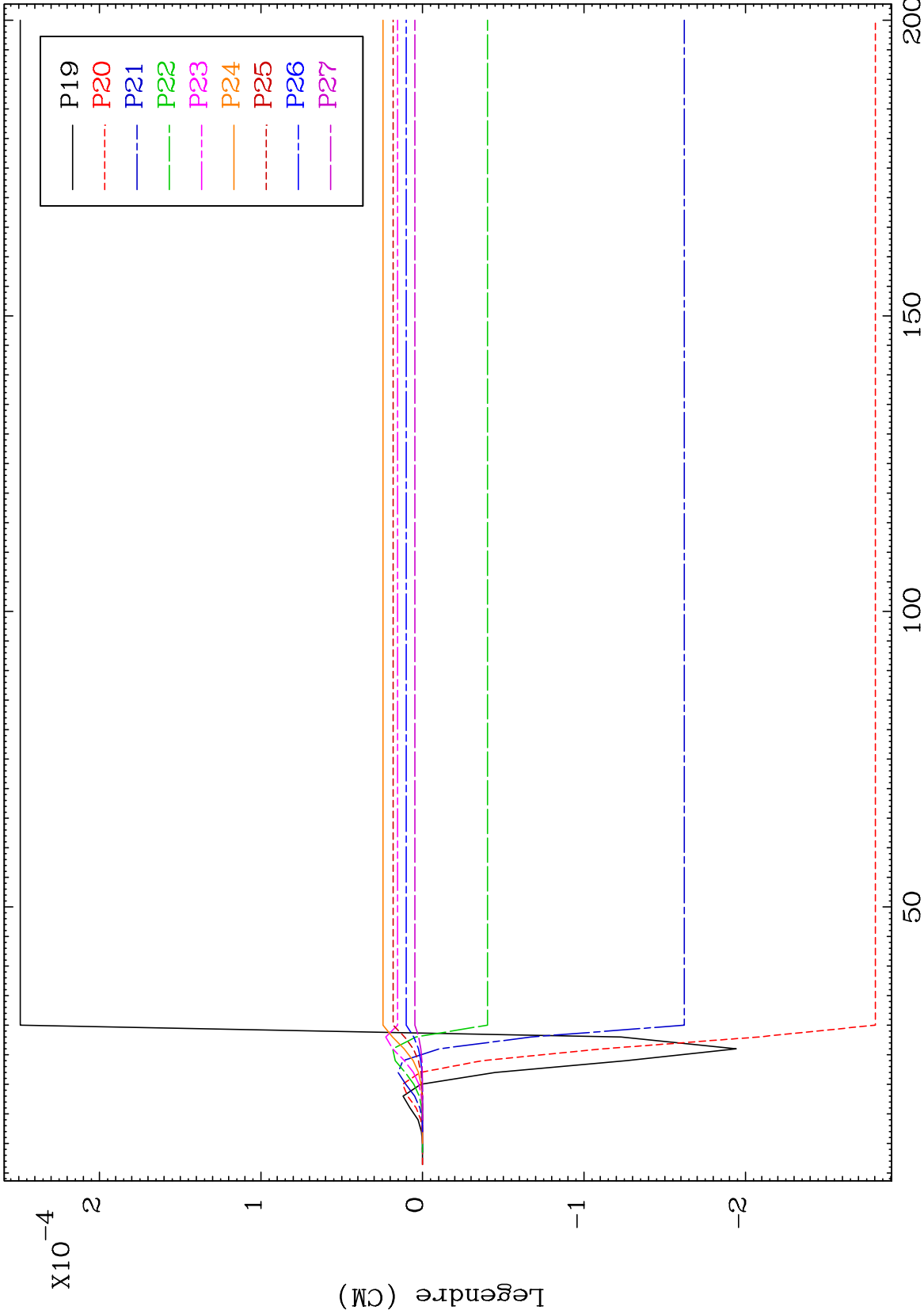
73-Ta-166



MAT 7283

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

73-Ta-166



64

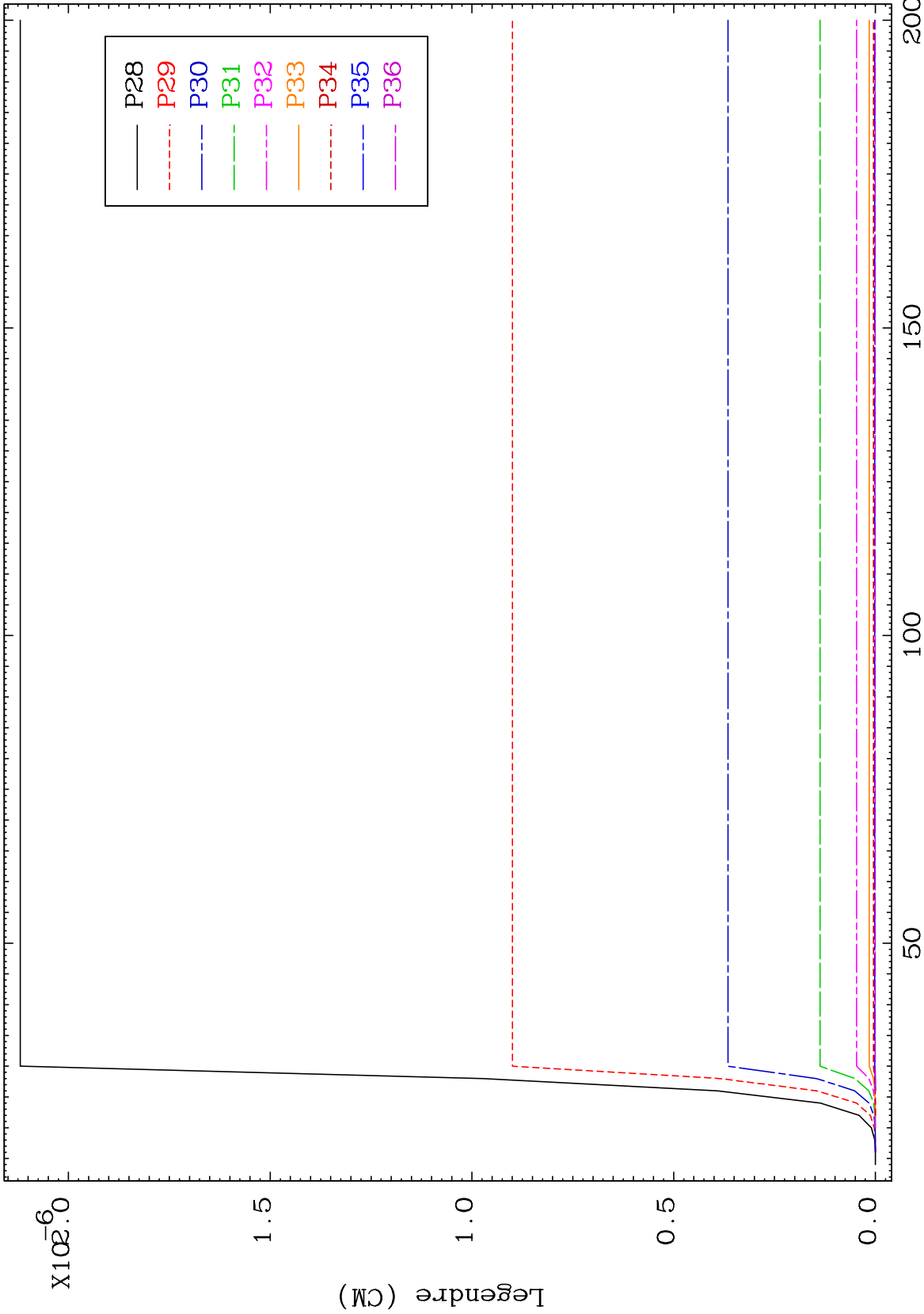
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



65

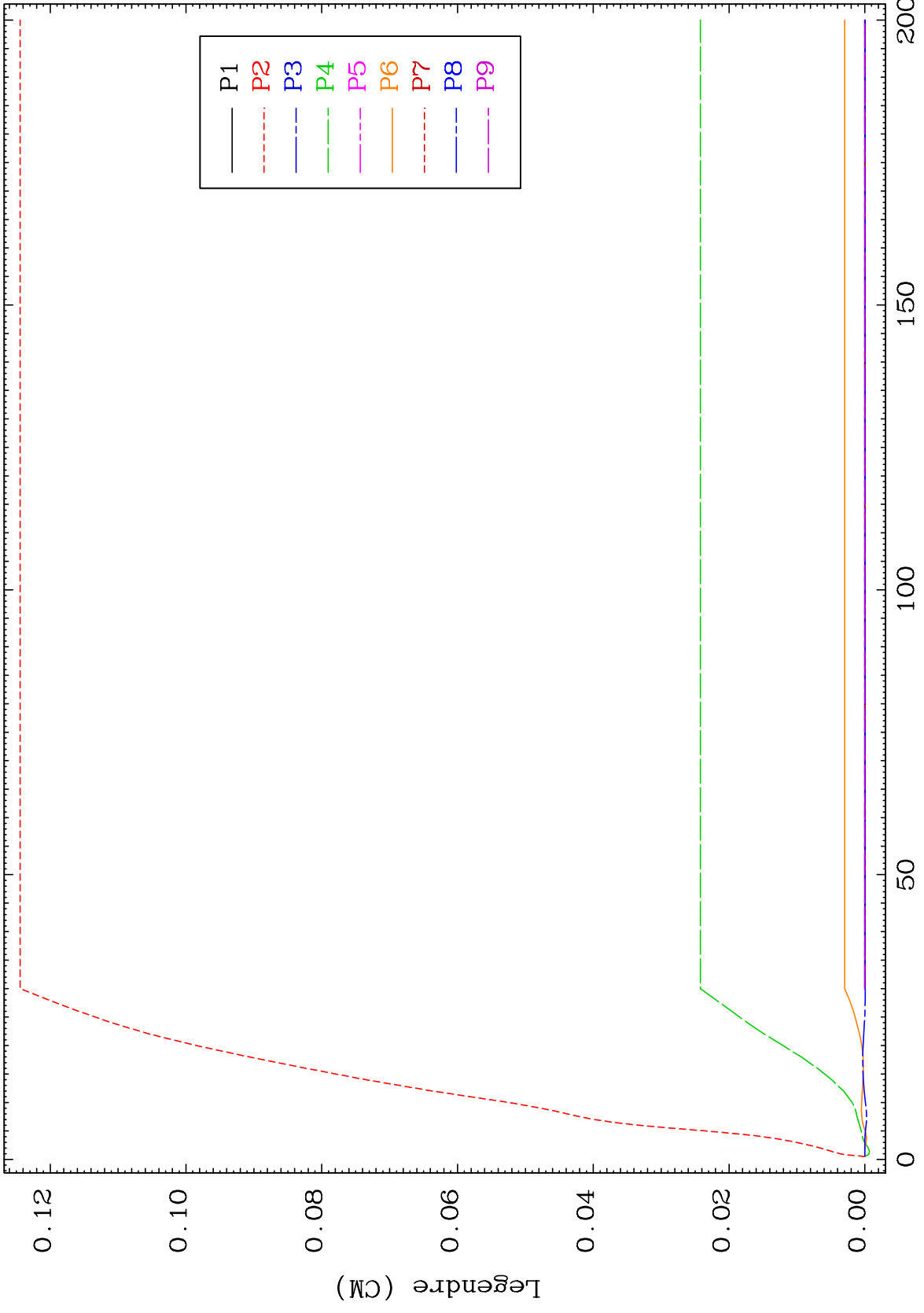
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



66

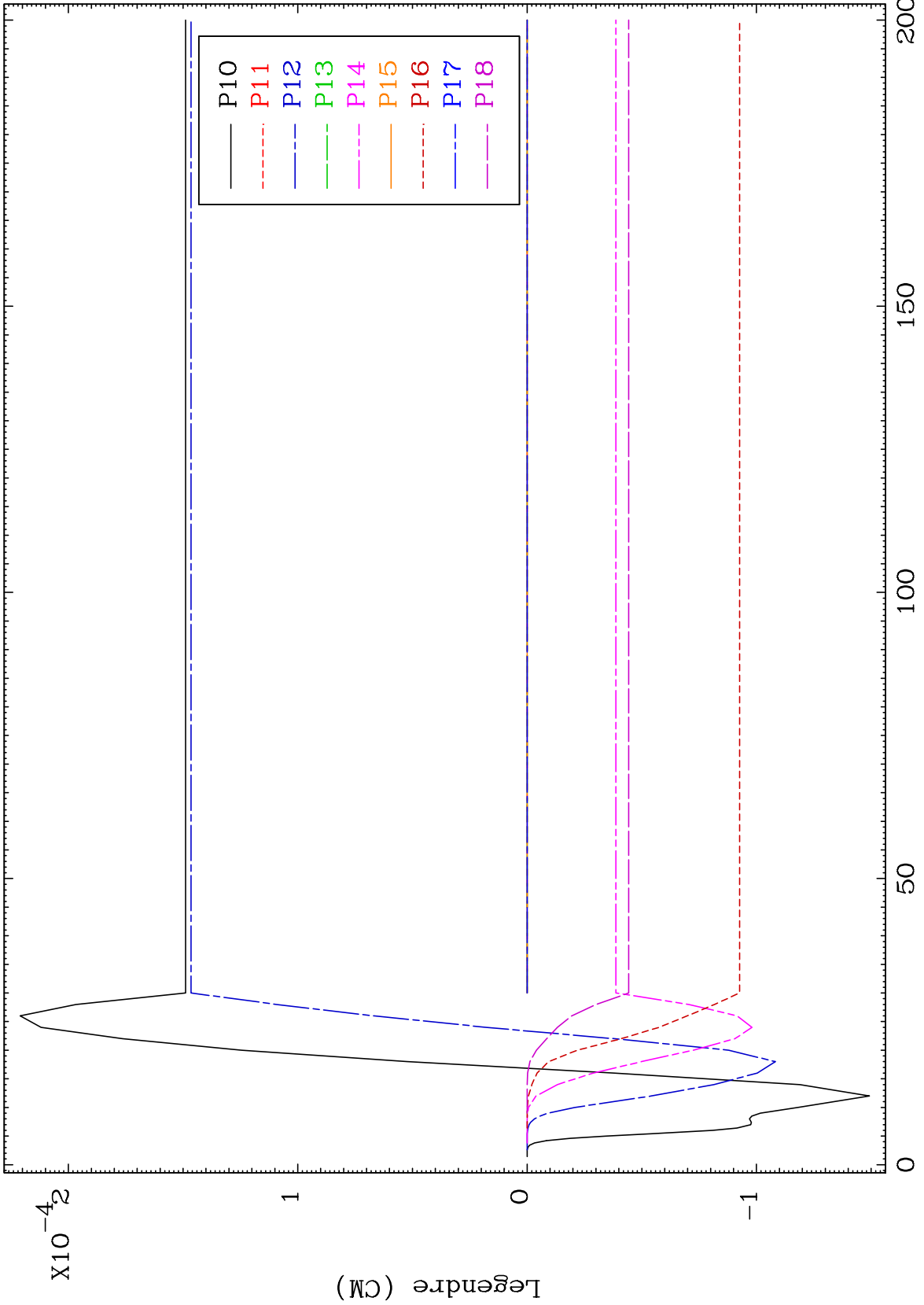
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



67

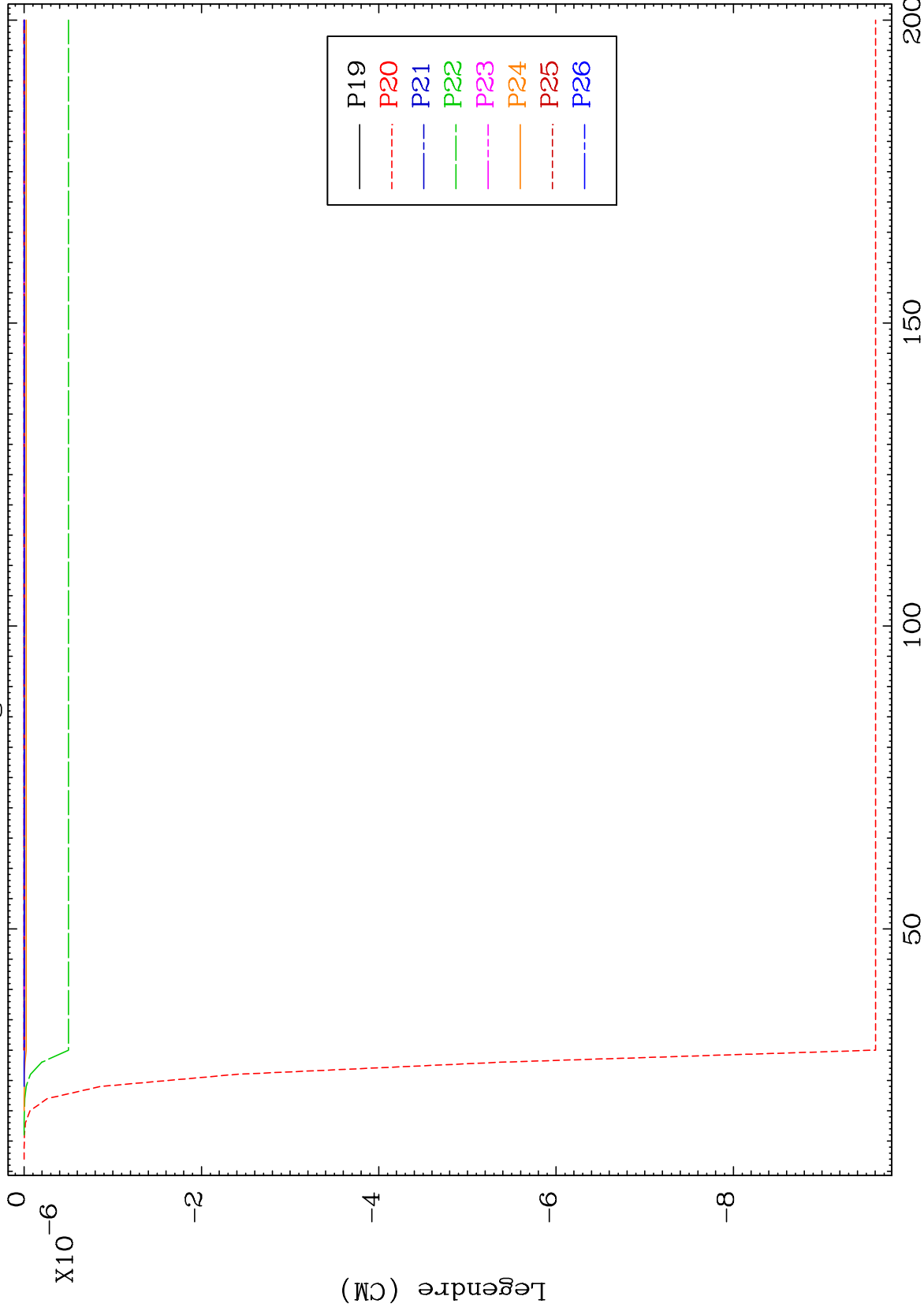
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



68

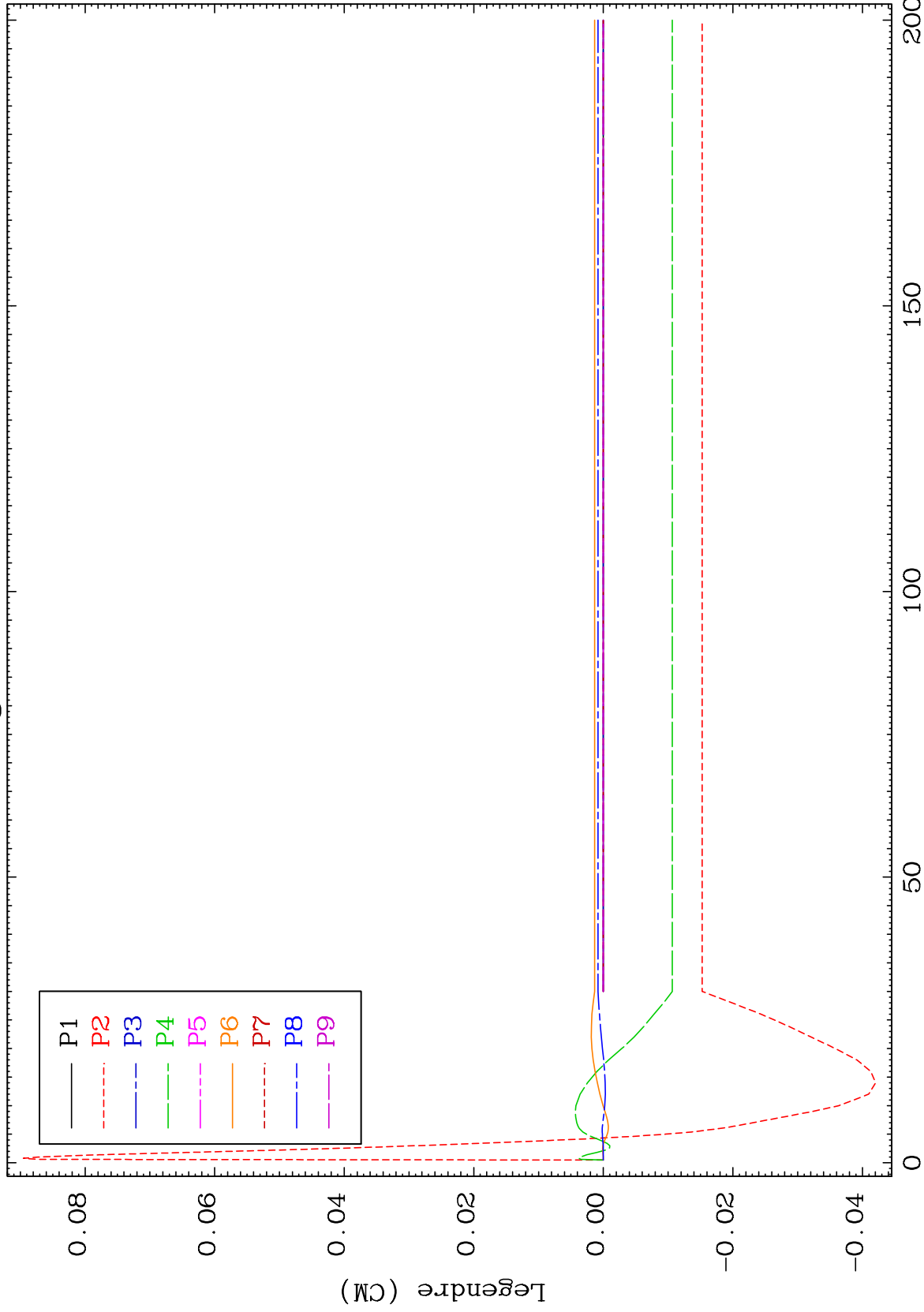
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



69

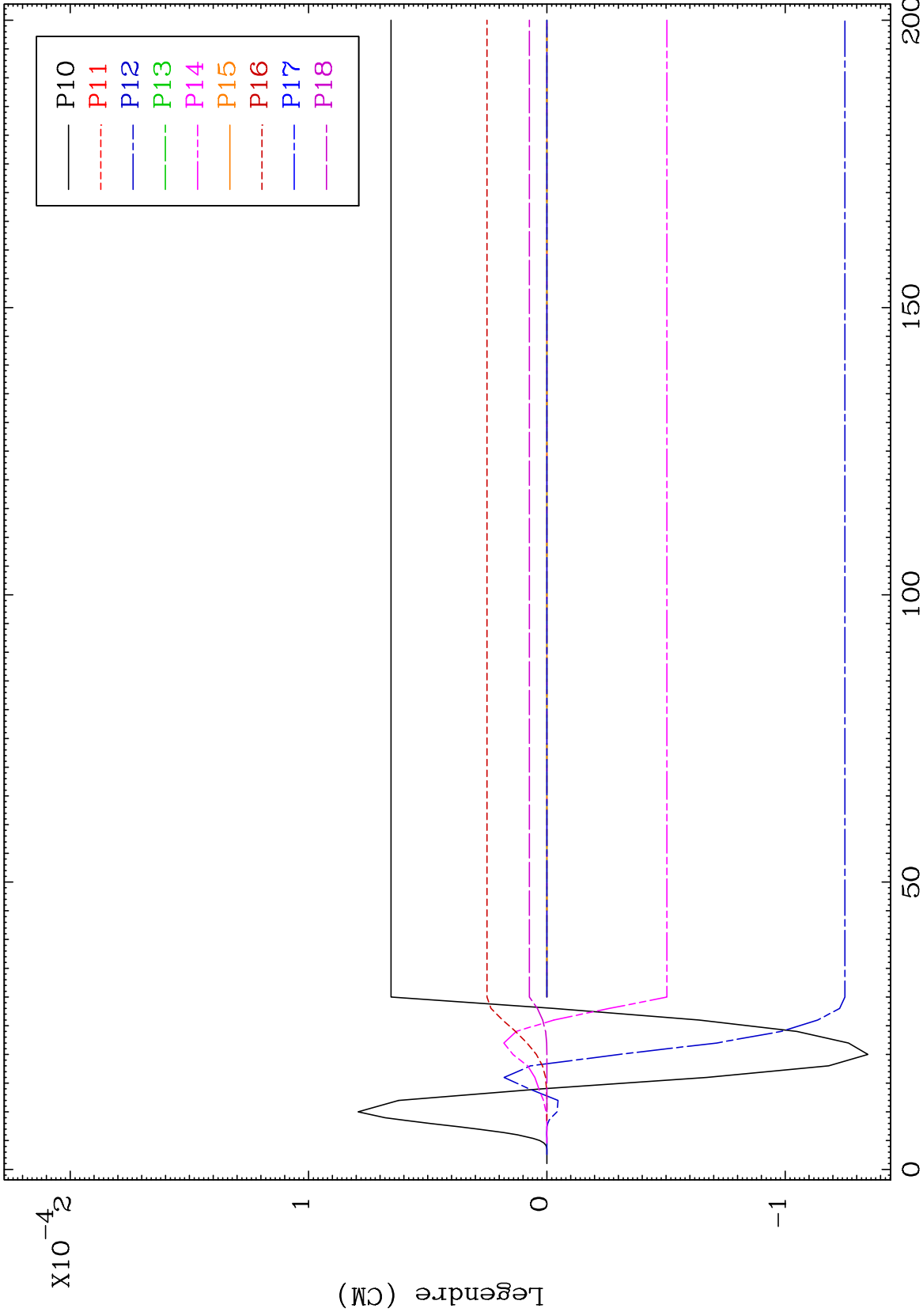
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



70

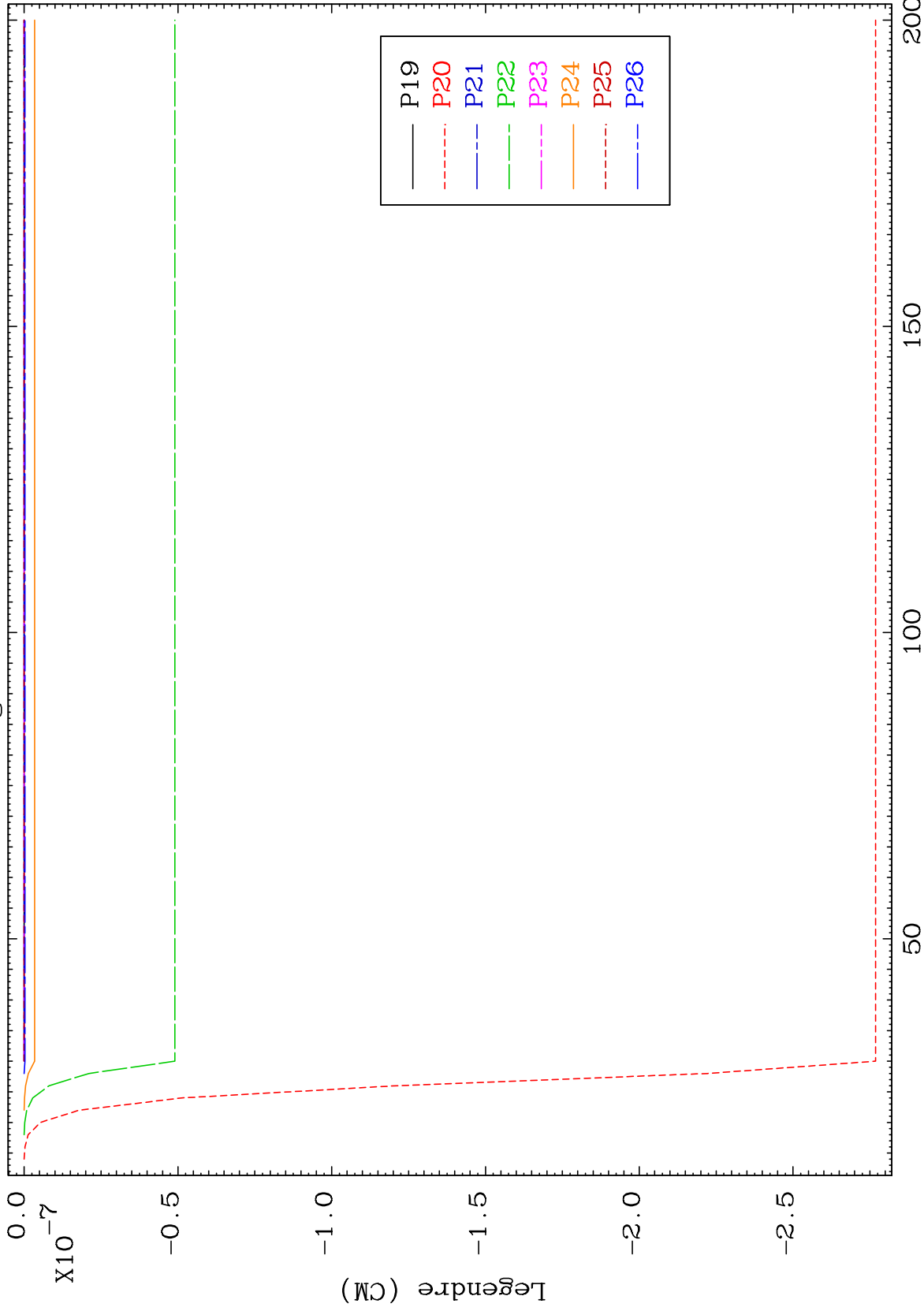
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



71

Incident Energy (MeV)

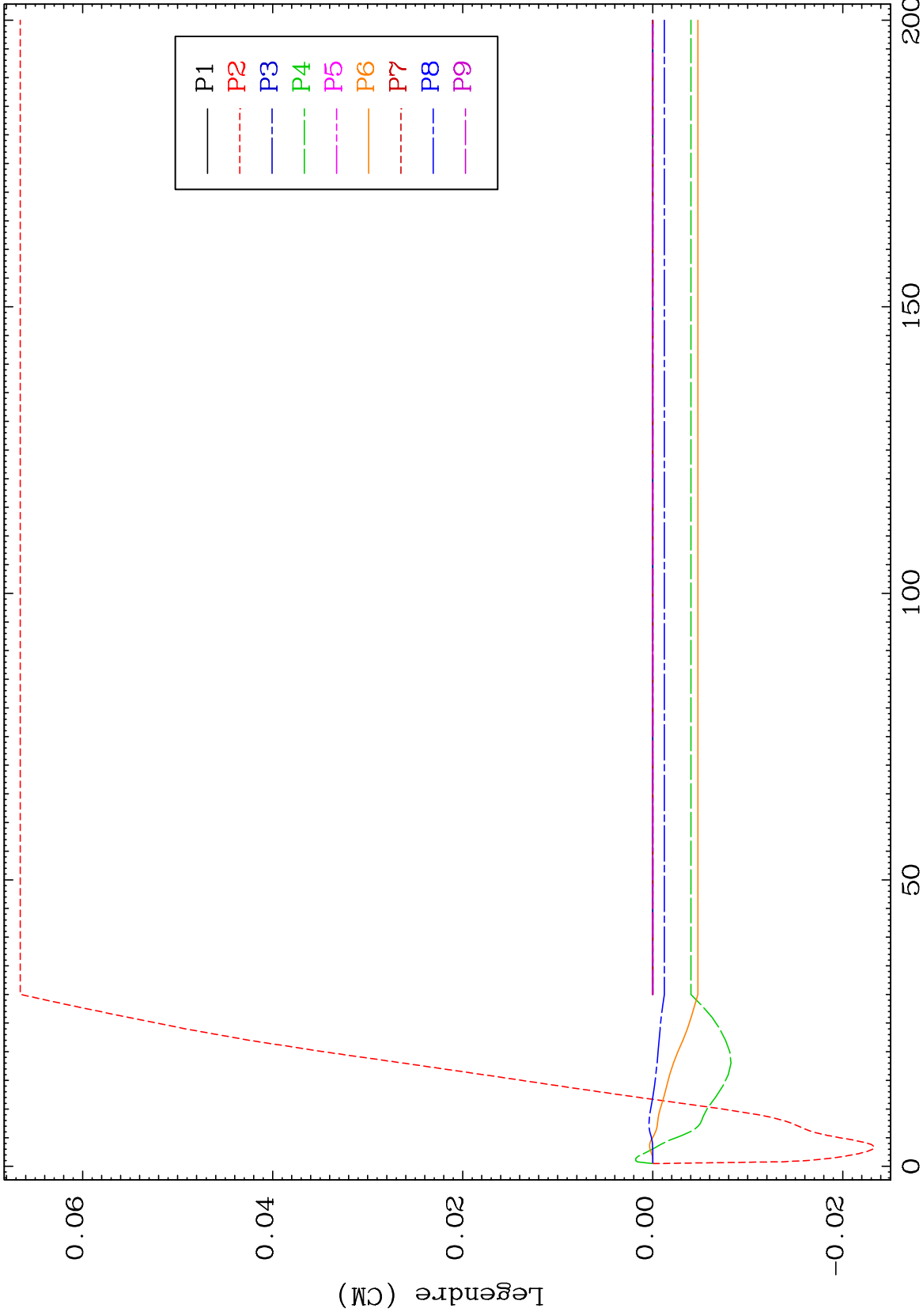
73-Ta-166



MAT 7283

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

73-Ta-166



72

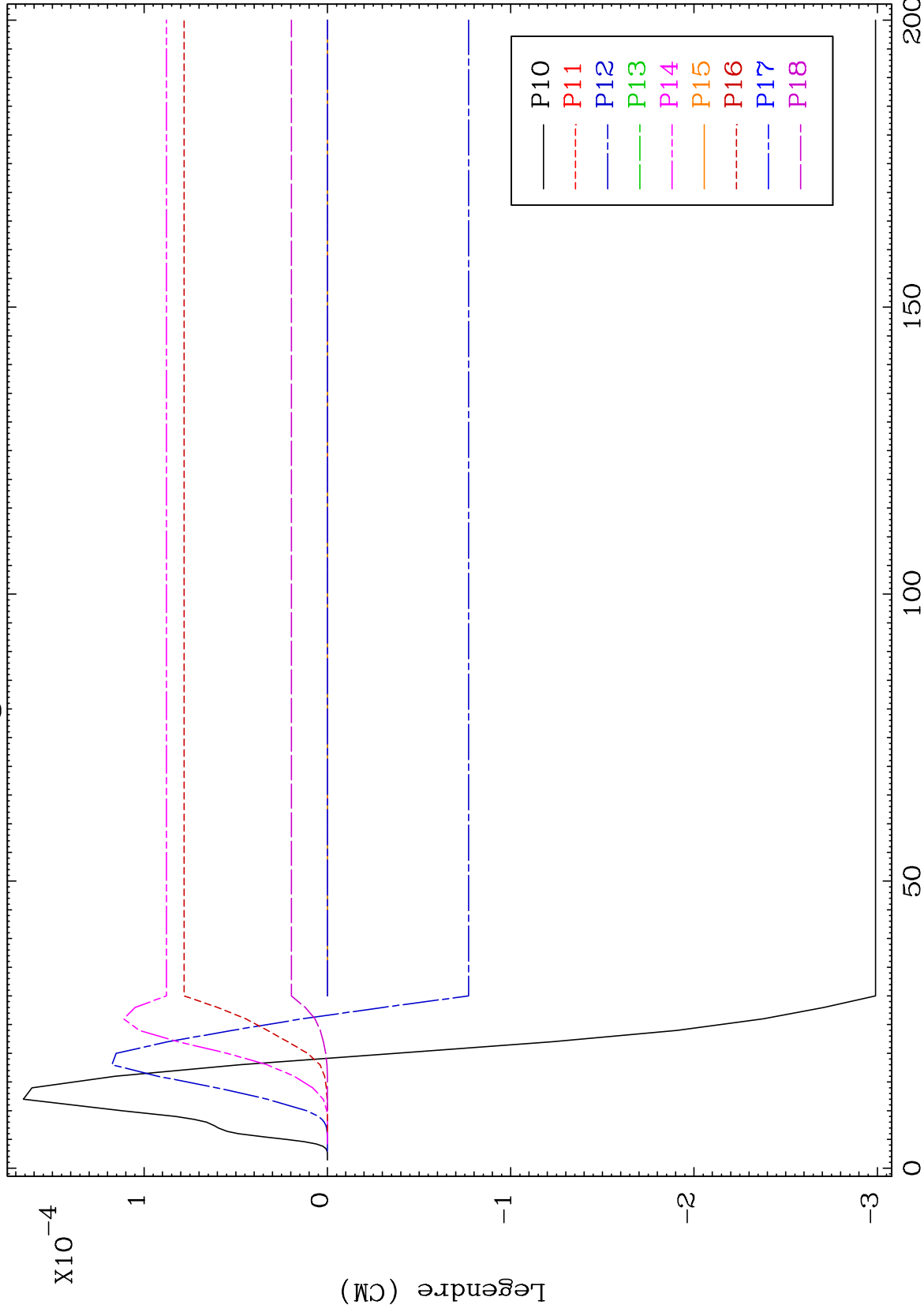
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



73

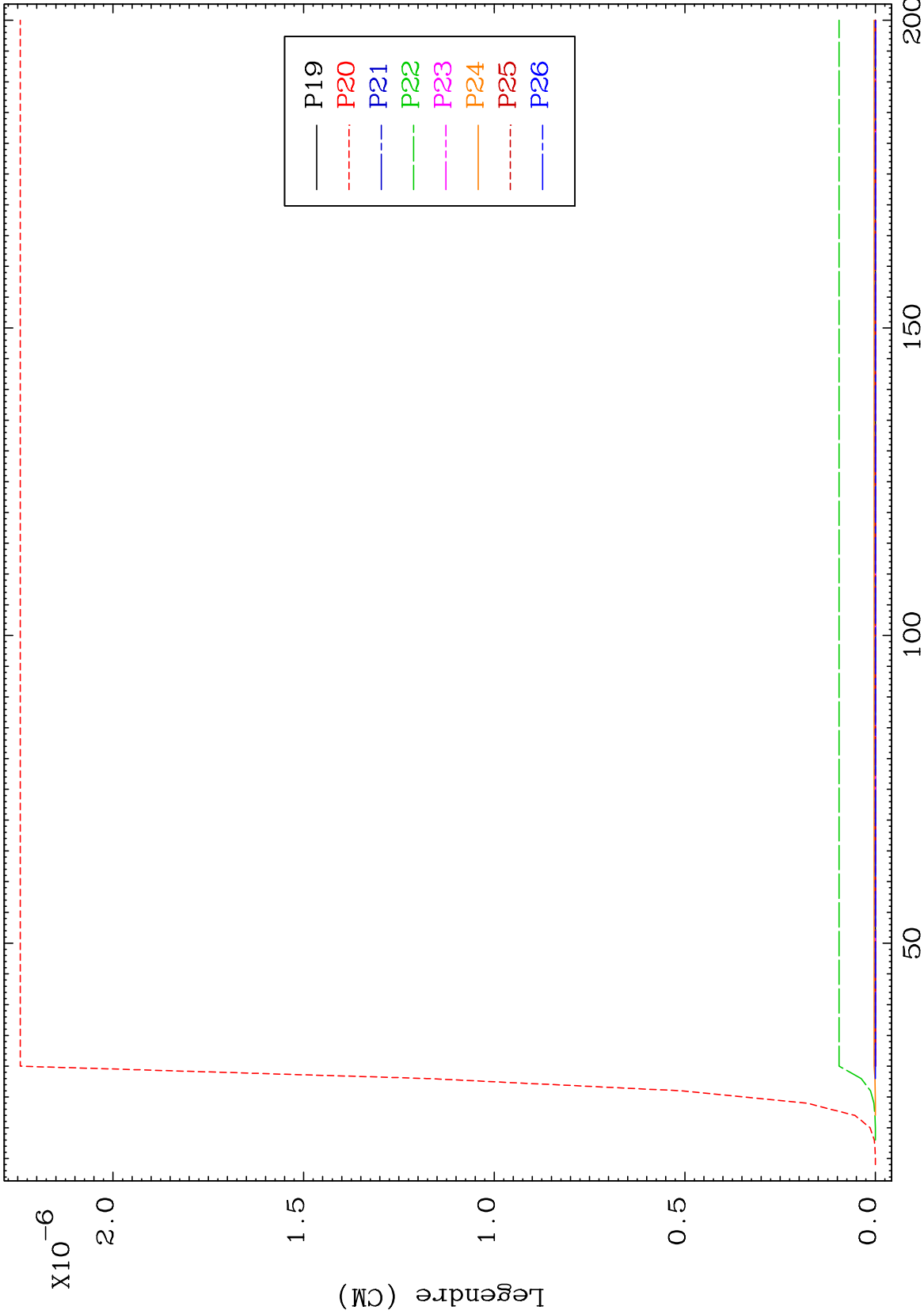
Incident Energy (MeV)

73-Ta-166

MAT 7283

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

73-Ta-166



74

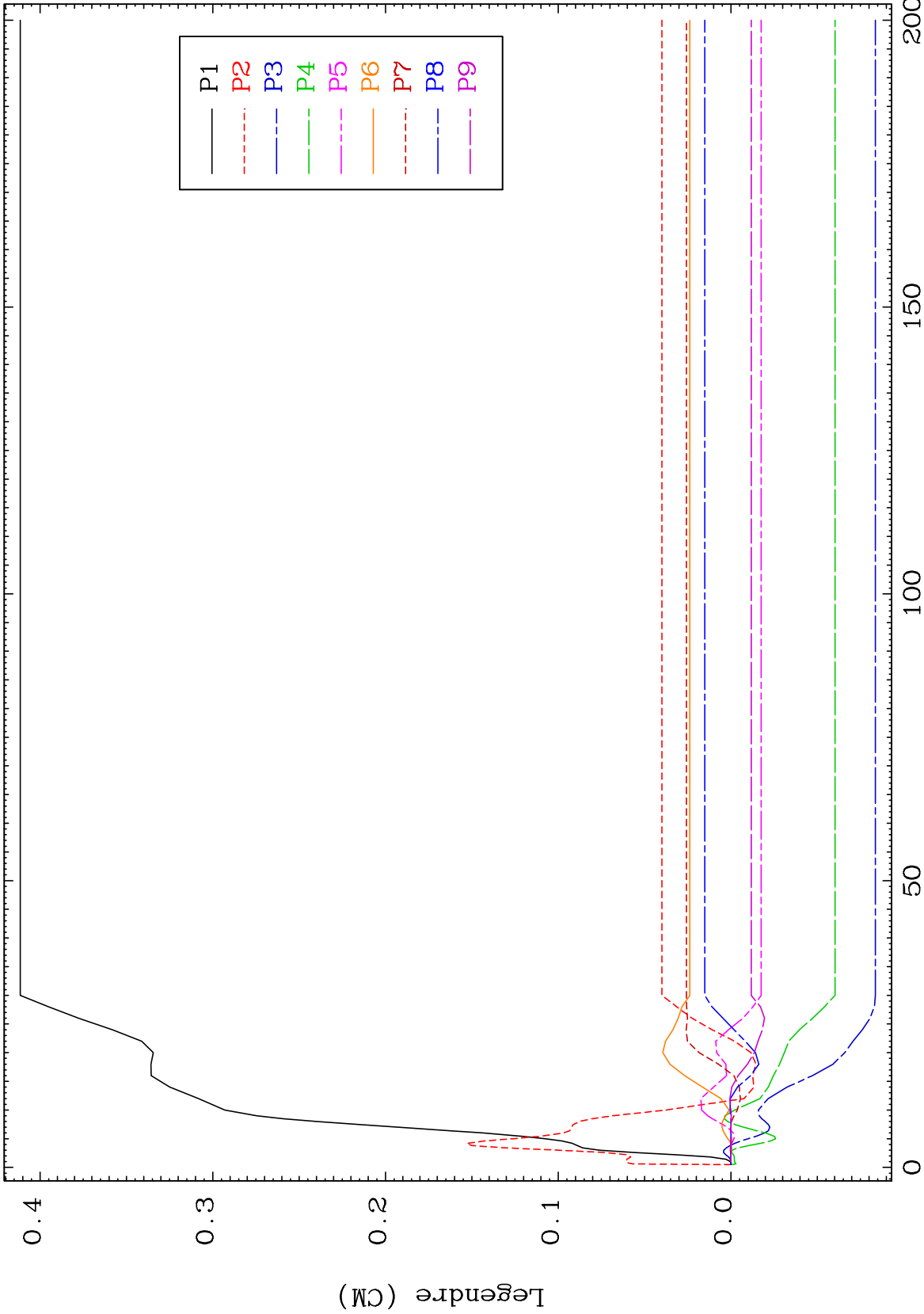
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 67 (n,n') Level  
Legendre Coefficients

73-Ta-166



75

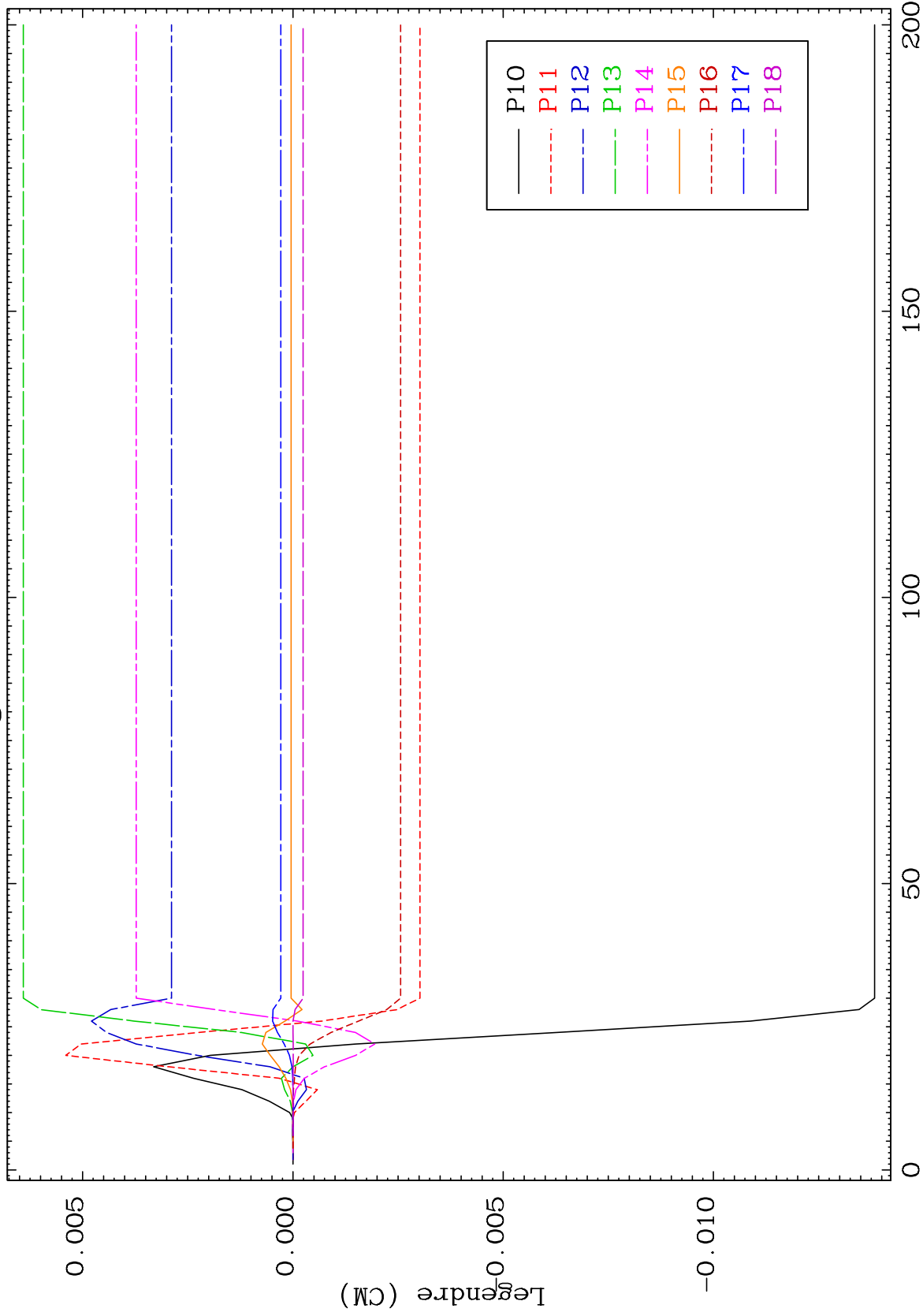
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 67 (n,n') Level  
Legendre Coefficients

73-Ta-166



76

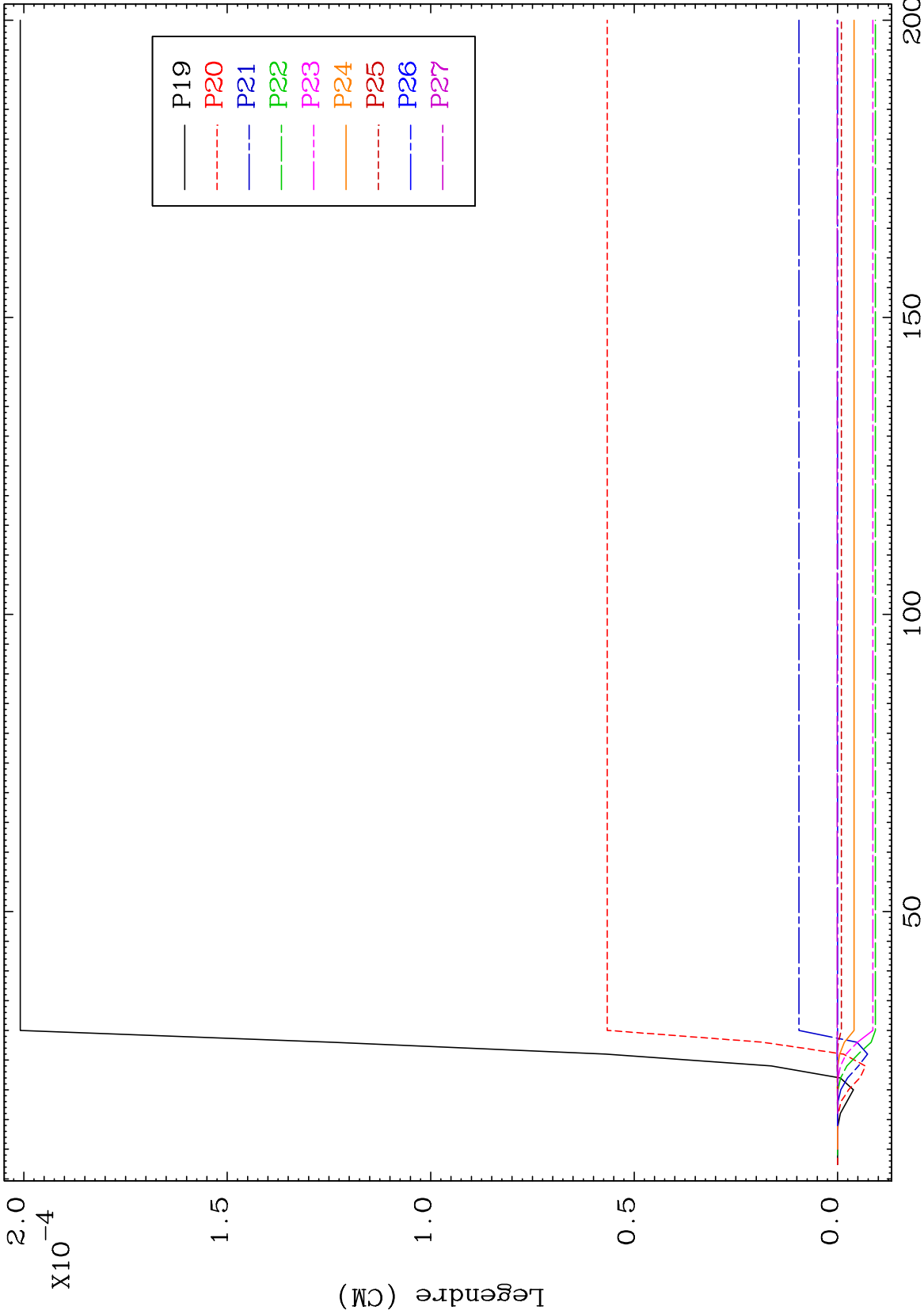
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 67 (n,n') Level  
Legendre Coefficients

73-Ta-166



77

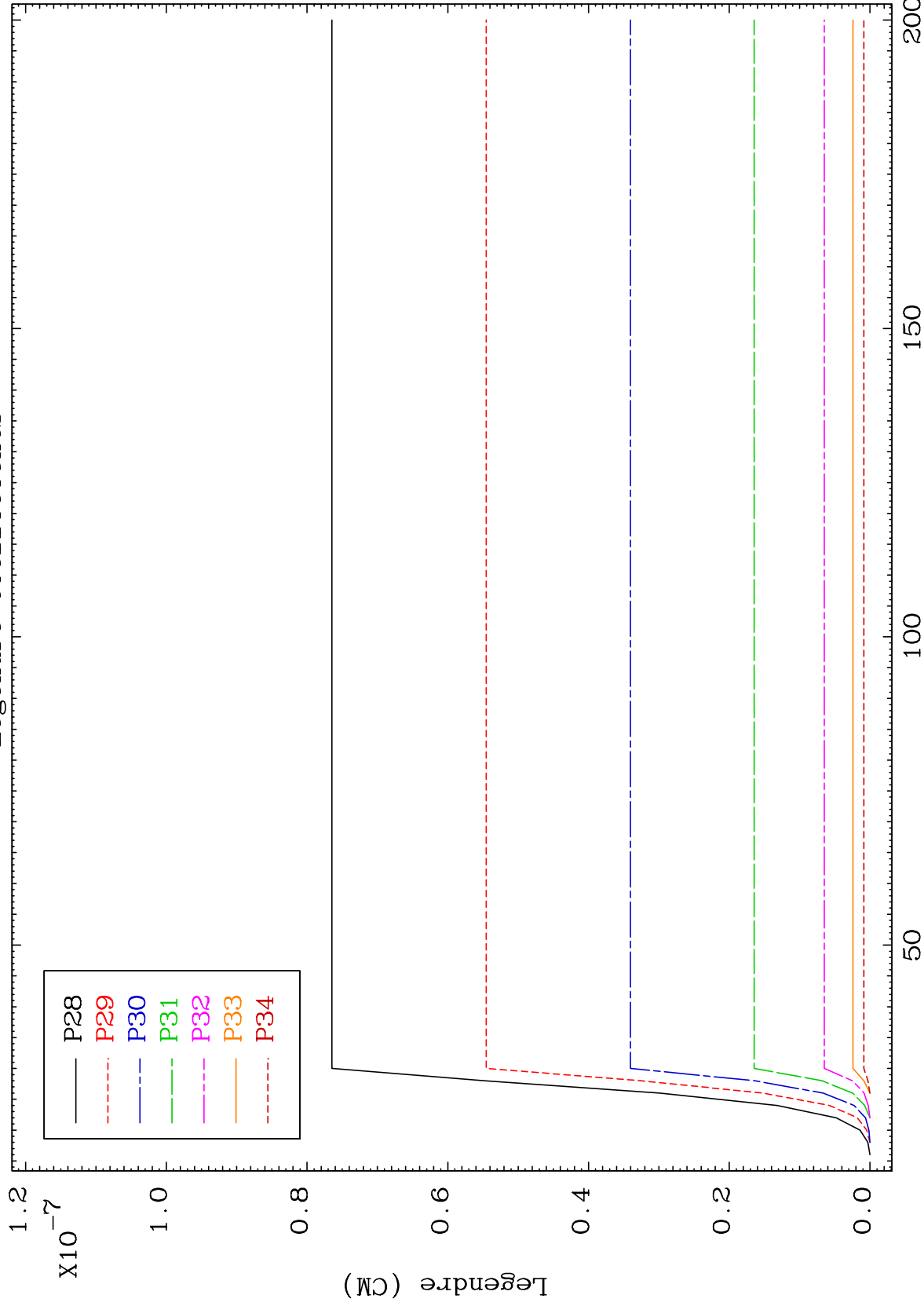
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 67 (n,n') Level  
Legendre Coefficients

73-Ta-166



78

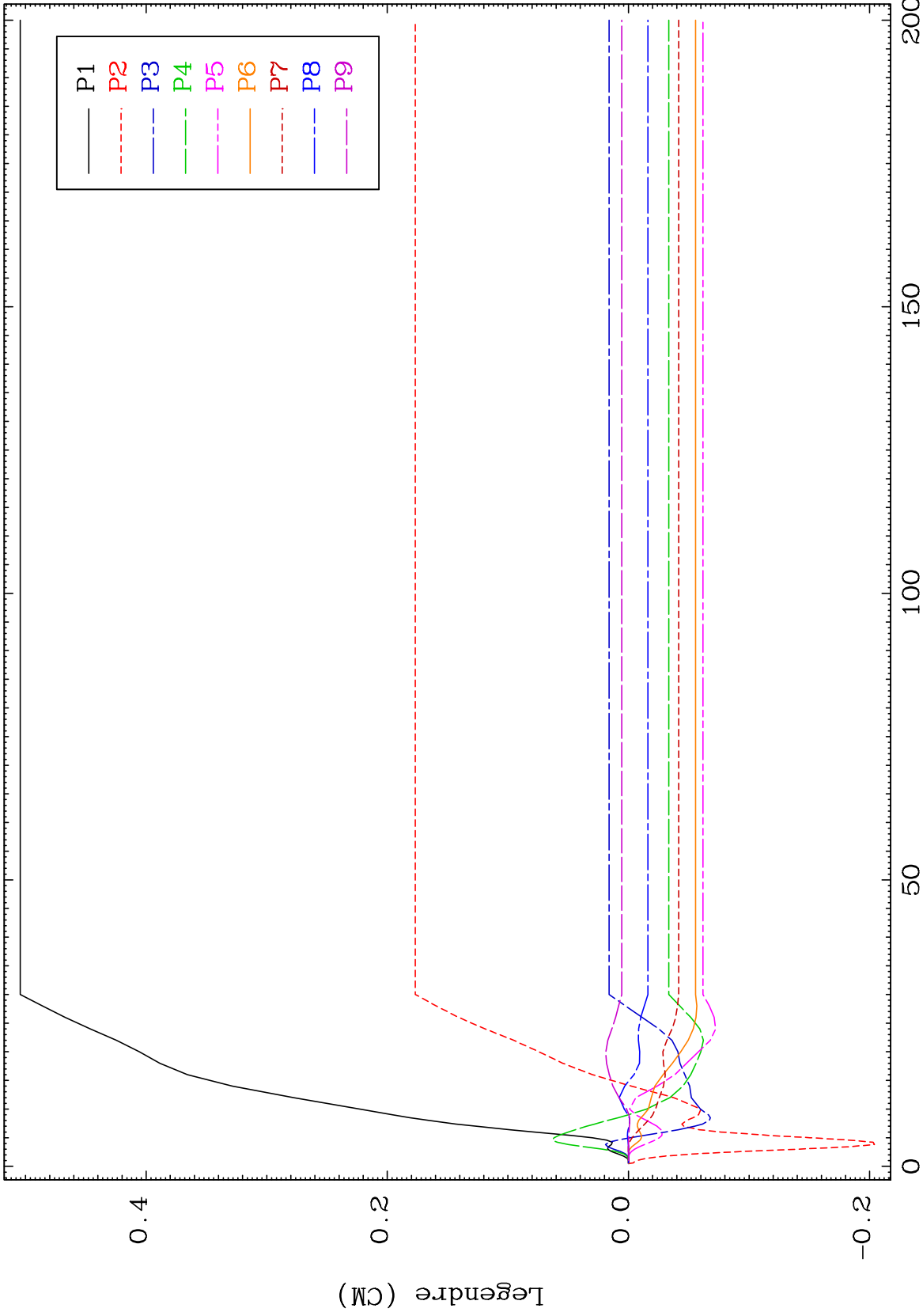
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 68 (n,n') Level  
Legendre Coefficients

73-Ta-166



79

Incident Energy (MeV)

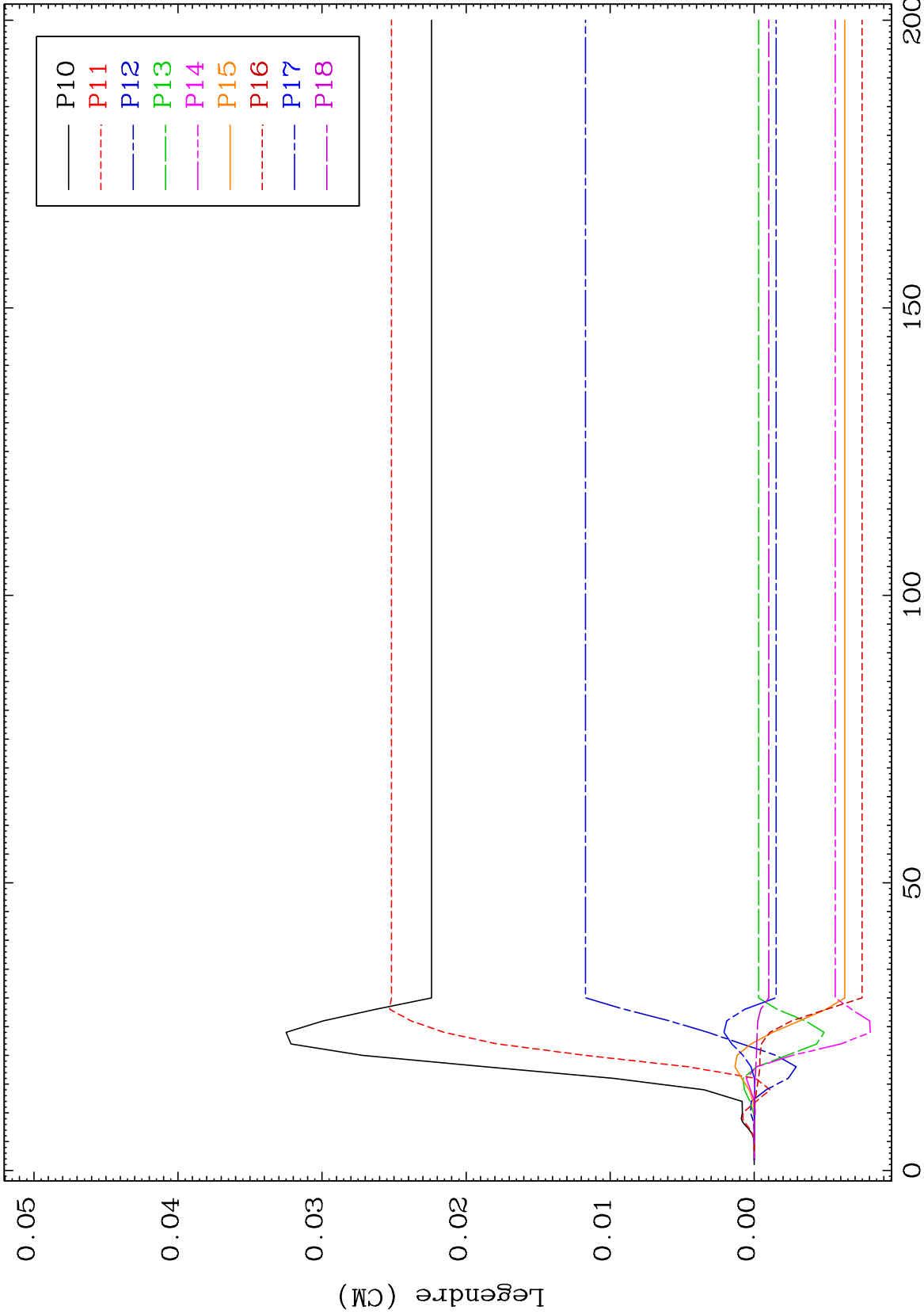
73-Ta-166



MAT 7283

MT= 68 (n,n') Level  
Legendre Coefficients

73-Ta-166



80

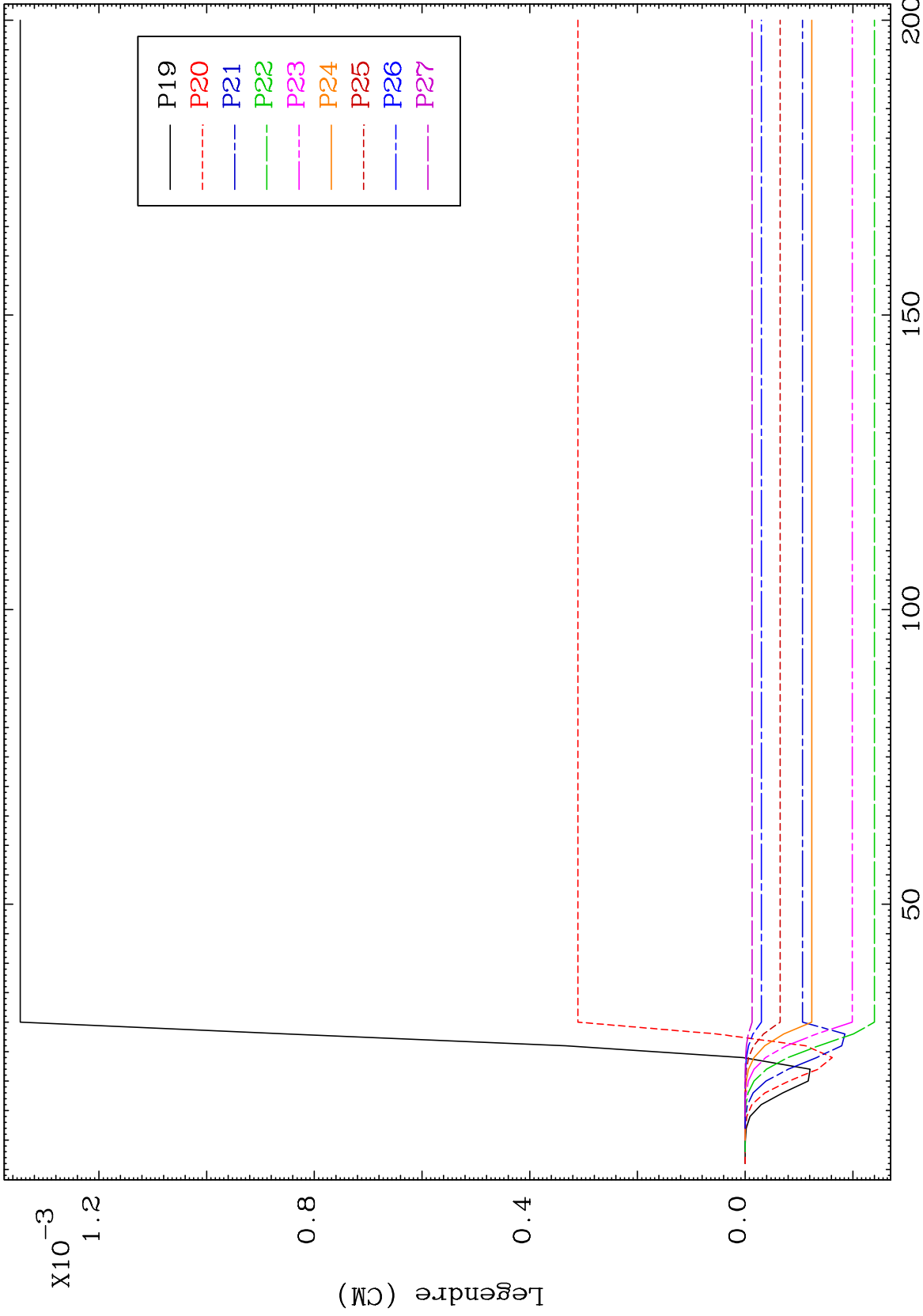
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 68 (n,n') Level  
Legendre Coefficients

73-Ta-166



81

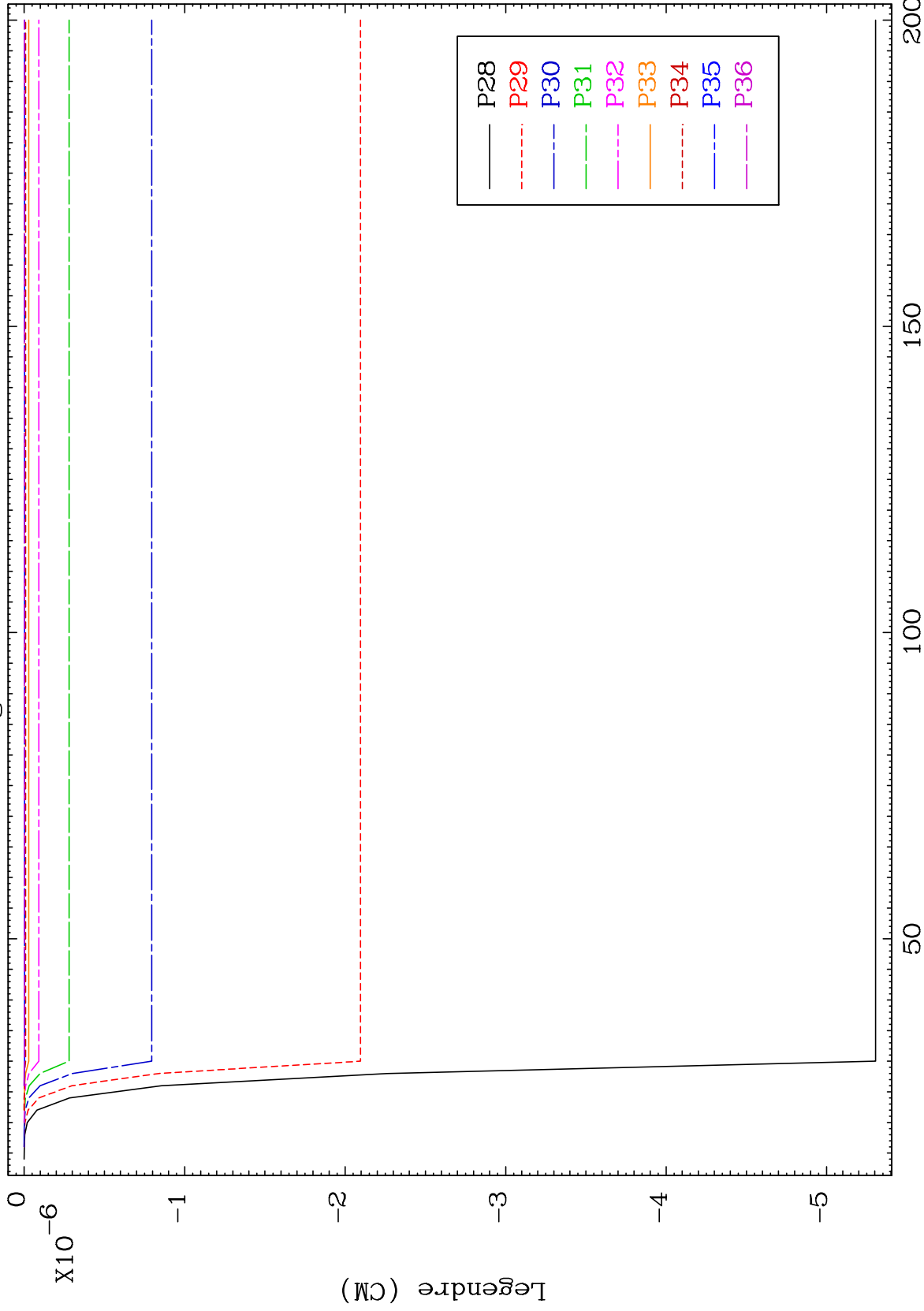
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 68 (n,n') Level  
Legendre Coefficients

73-Ta-166



73-Ta-166

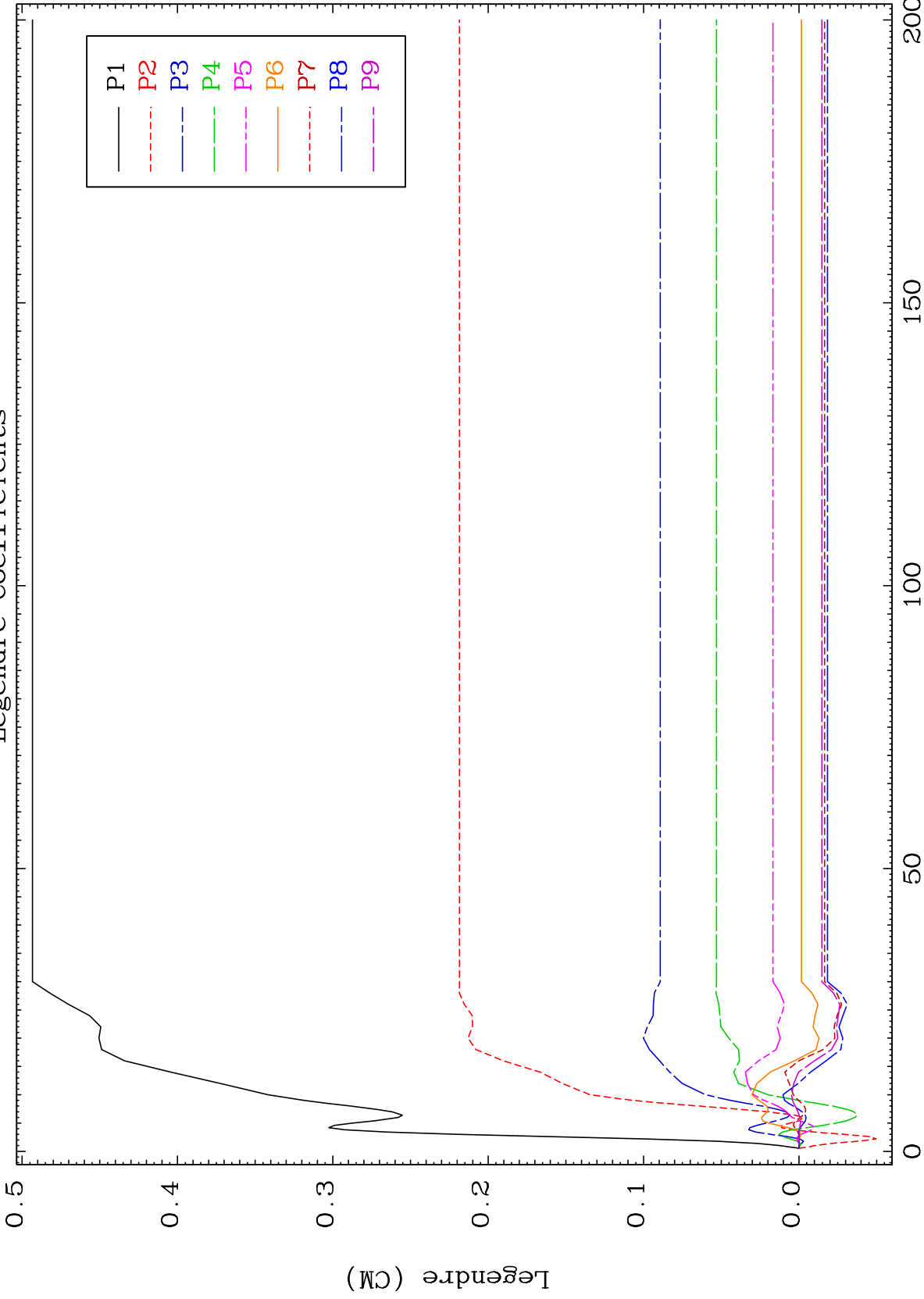
Incident Energy (MeV)

82

MAT 7283

MT= 69 (n,n') Level  
Legendre Coefficients

73-Ta-166



83

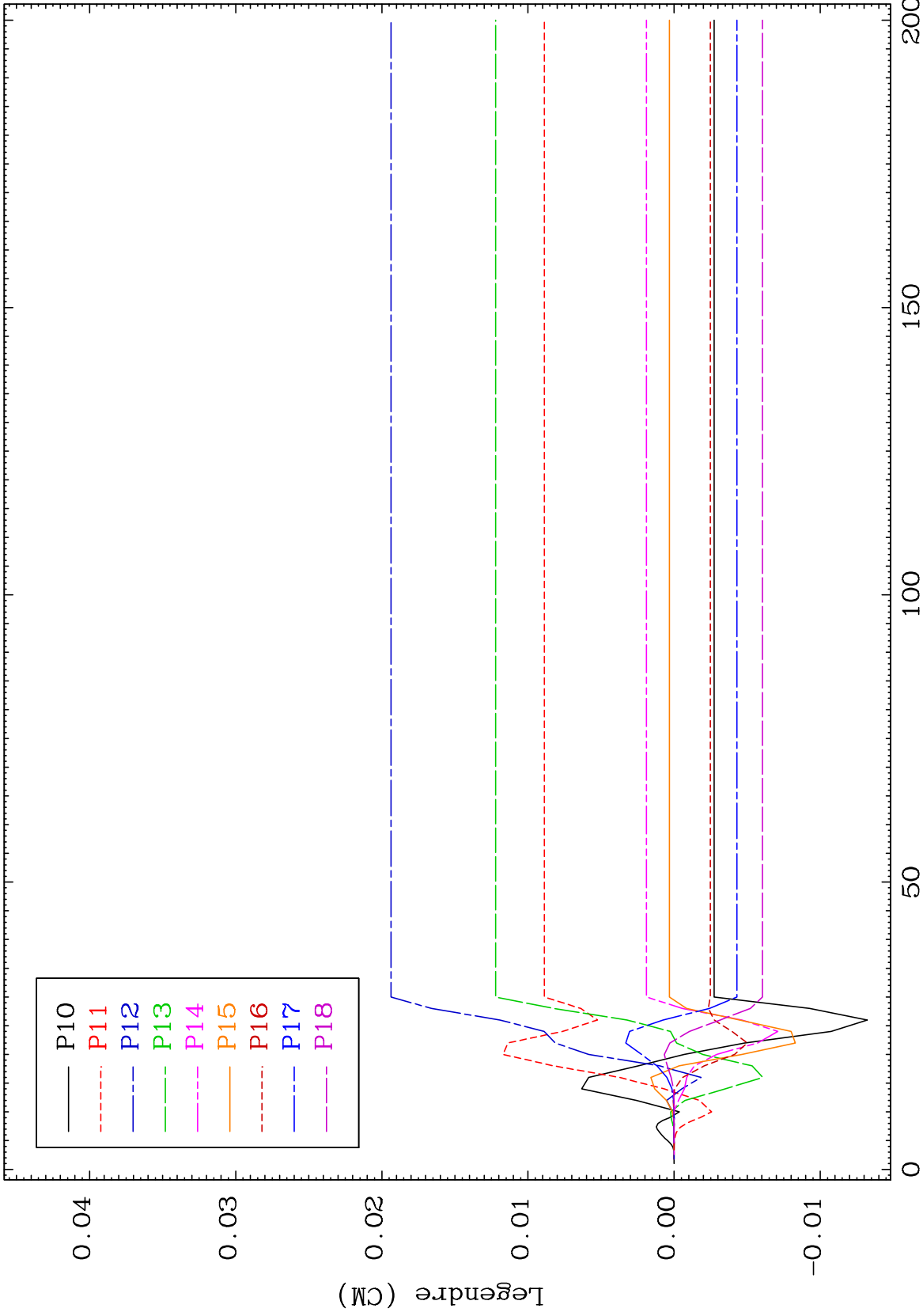
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 69 (n,n') Level  
Legendre Coefficients

73-Ta-166



84

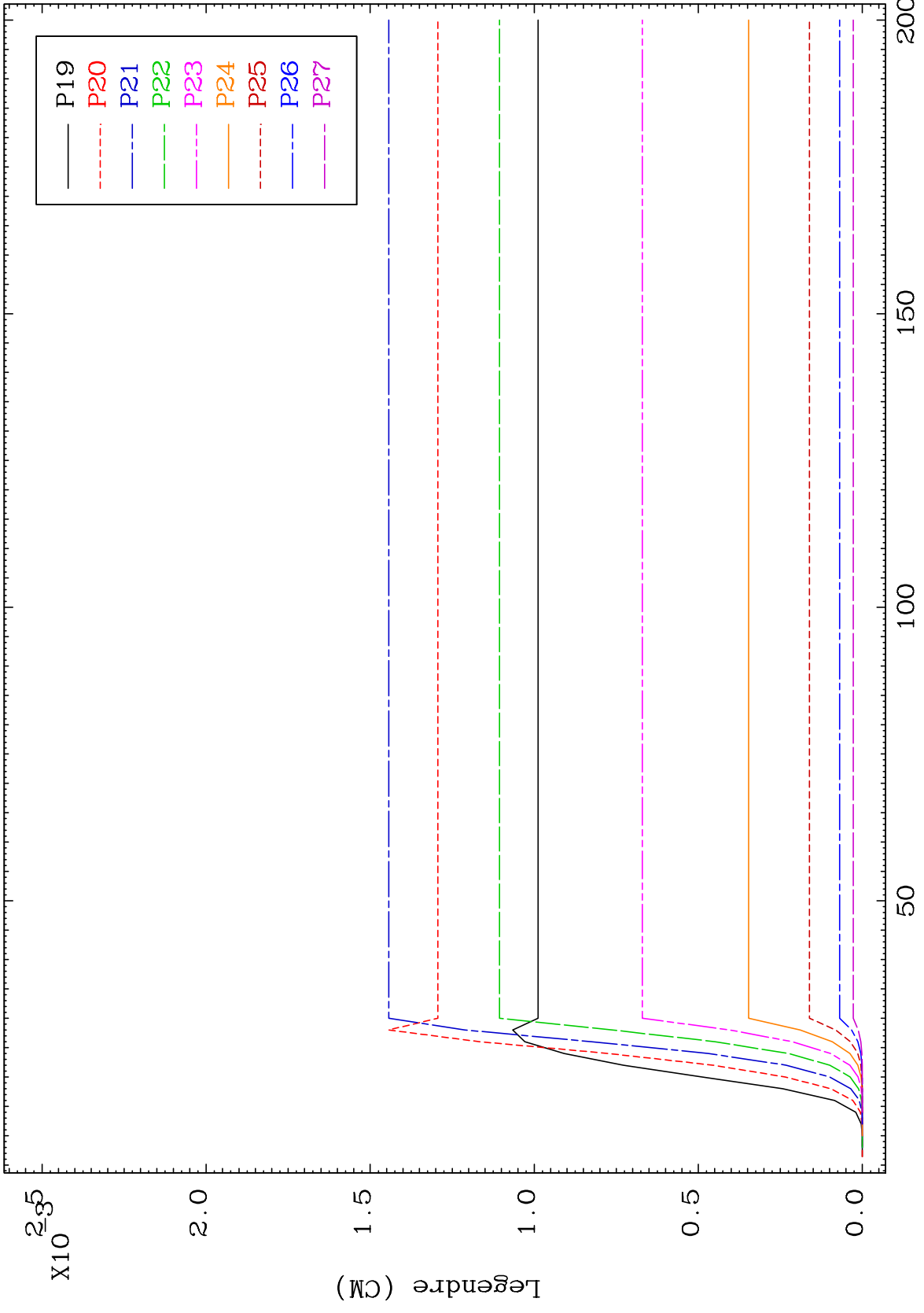
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 69 (n,n') Level  
Legendre Coefficients

73-Ta-166



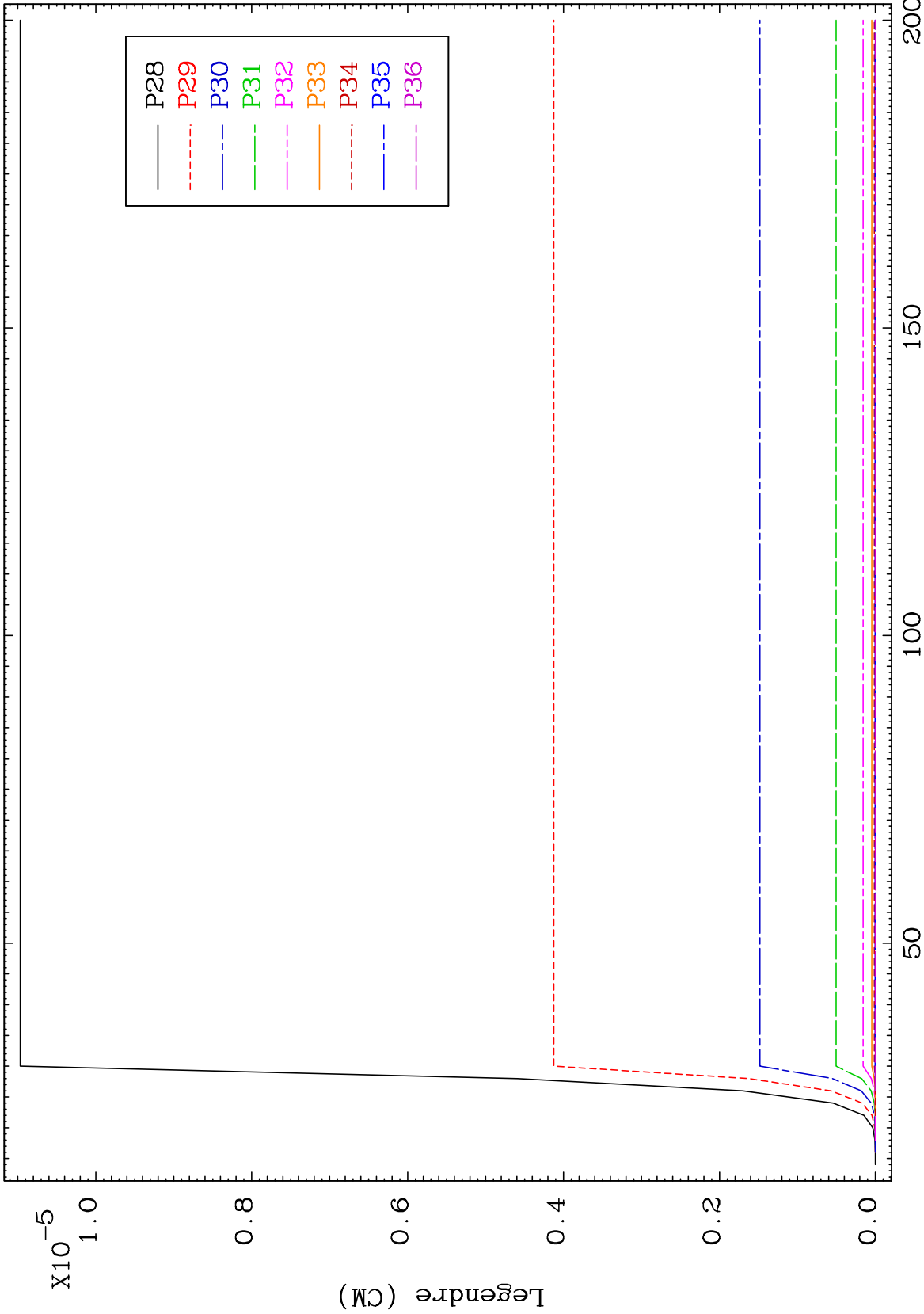
85

73-Ta-166

MAT 7283

MT= 69 (n,n') Level  
Legendre Coefficients

73-Ta-166



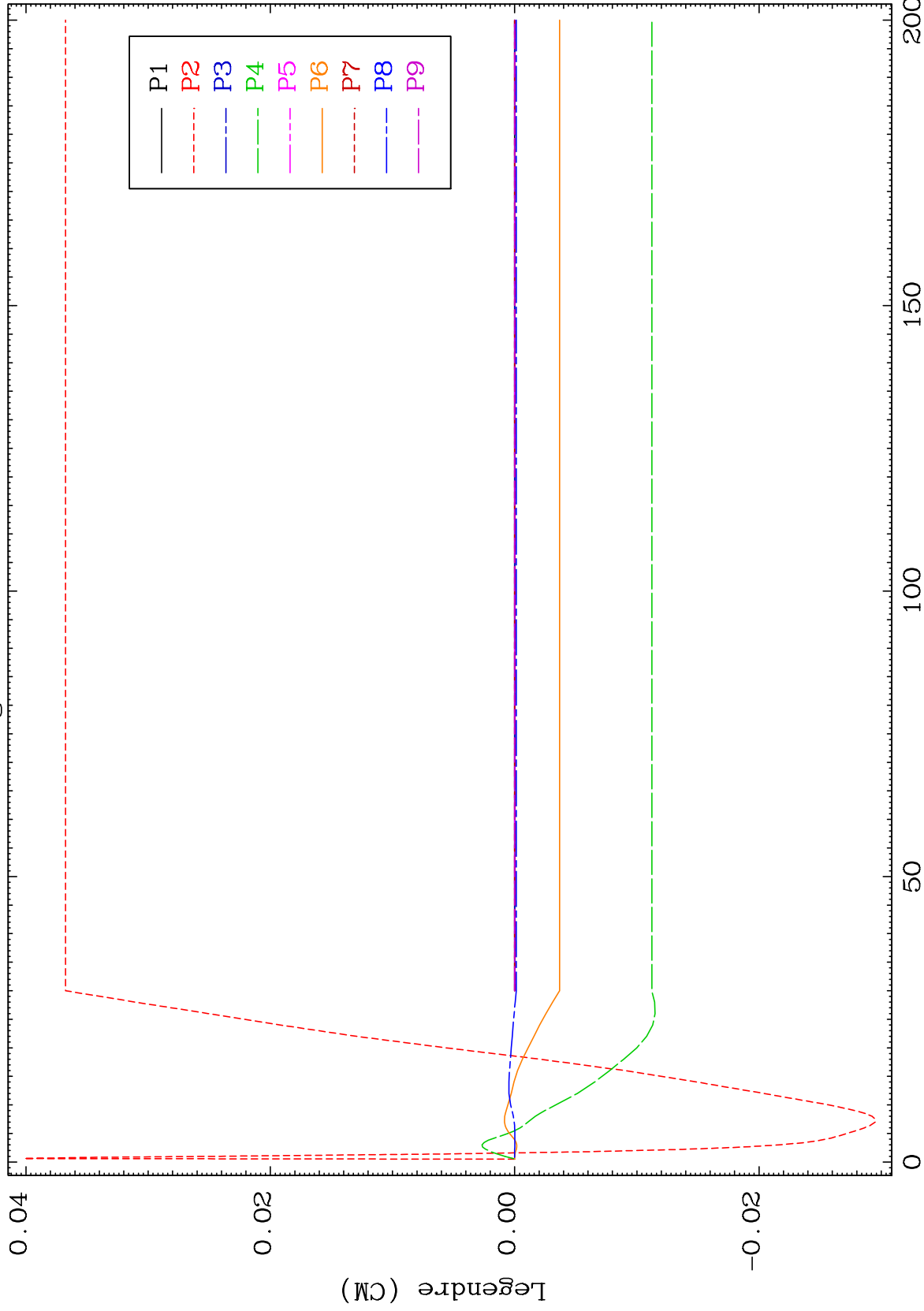
86

73-Ta-166

MAT 7283

MT= 70 (n,n') Level  
Legendre Coefficients

73-Ta-166



87

Incident Energy (MeV)

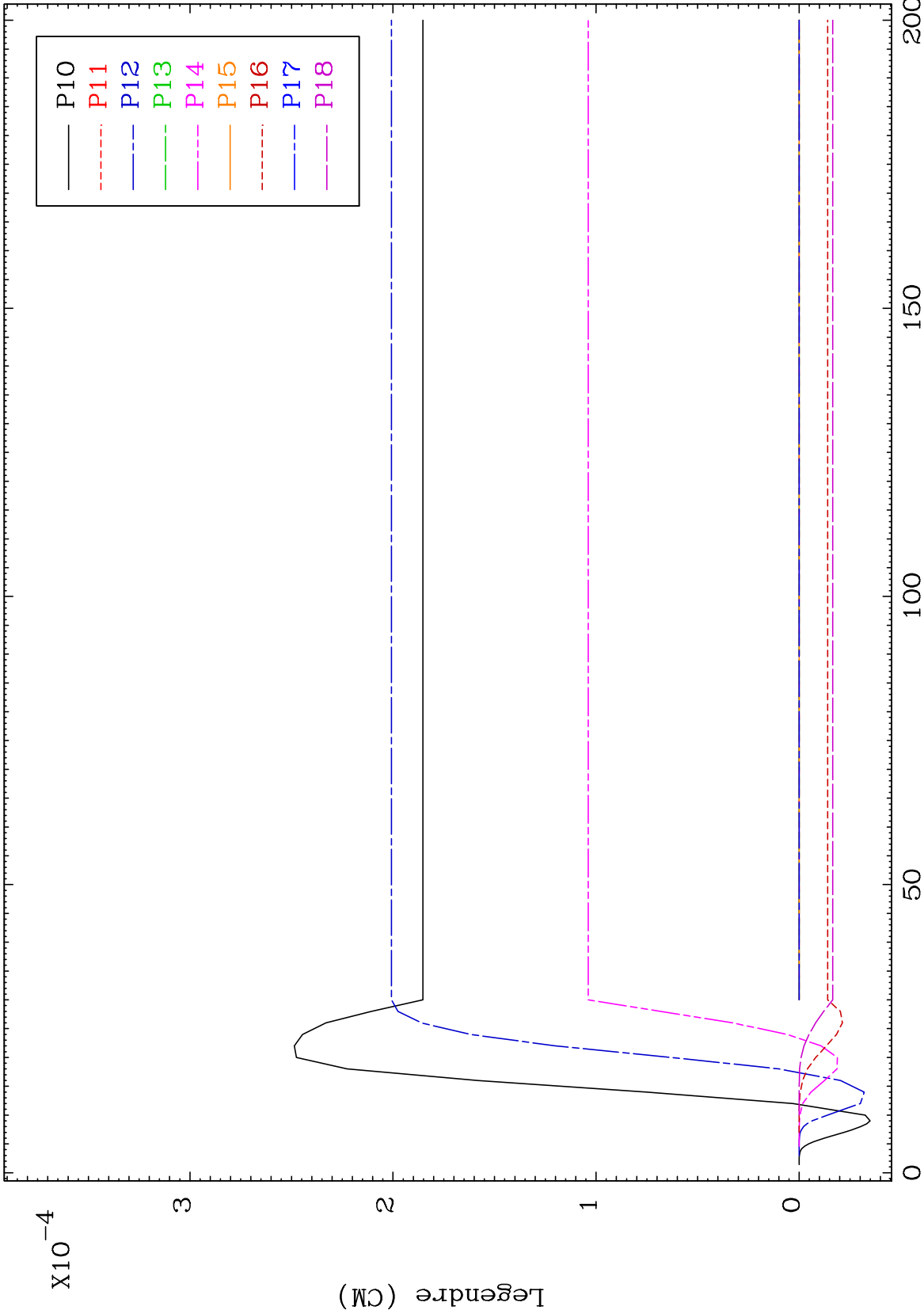
73-Ta-166



MAT 7283

MT= 70 (n,n') Level  
Legendre Coefficients

73-Ta-166



88

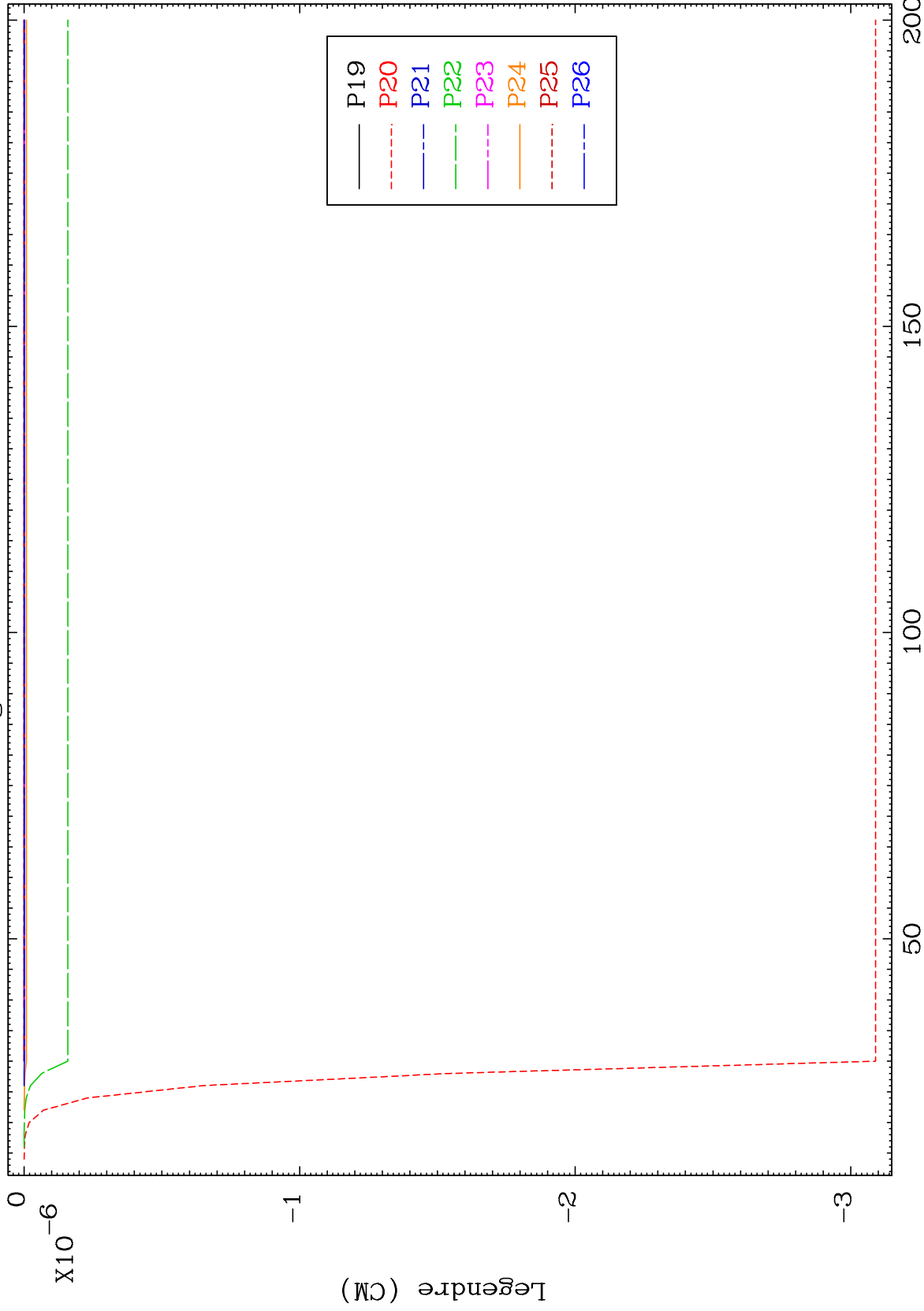
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 70 (n,n') Level  
Legendre Coefficients

73-Ta-166



89

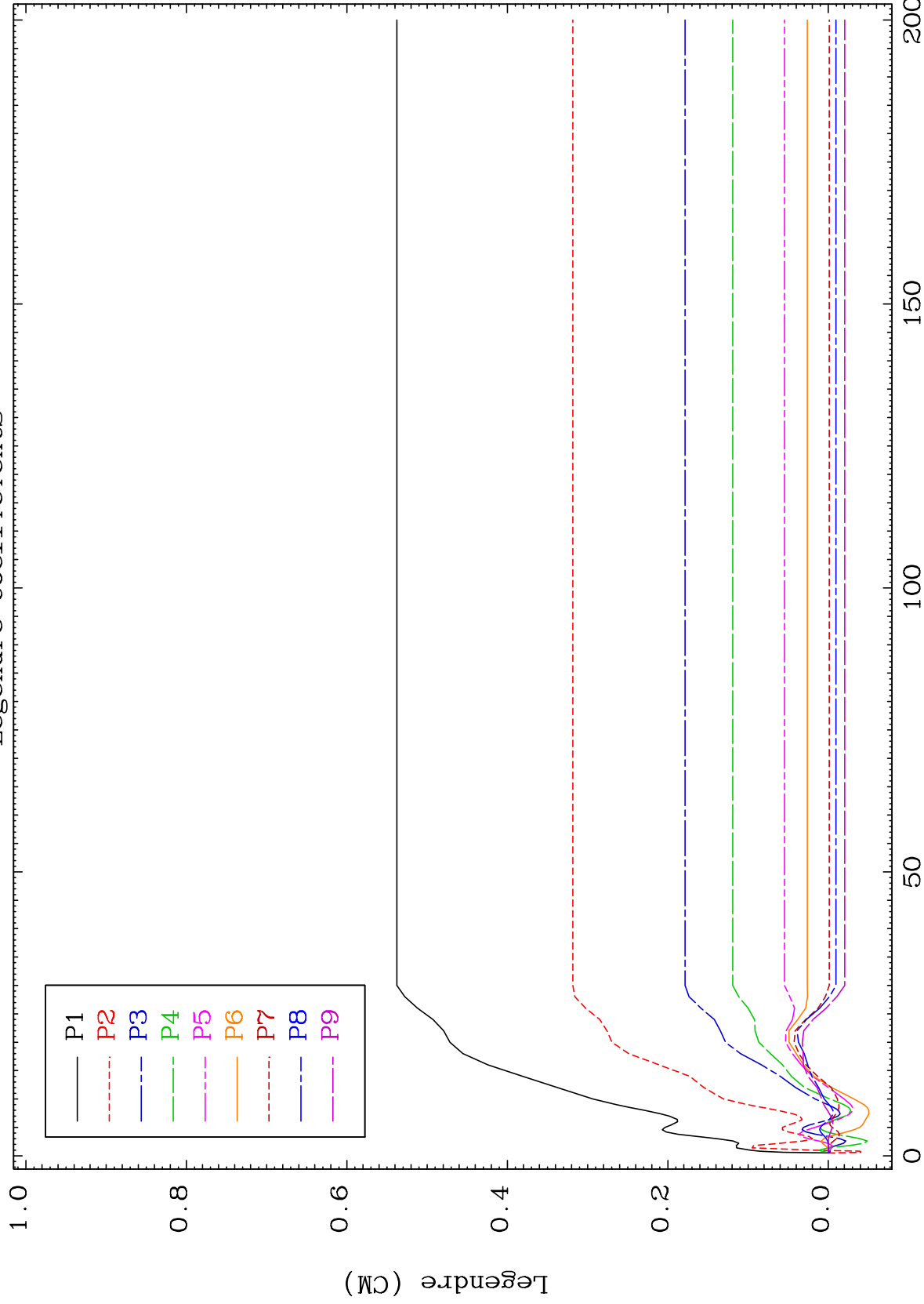
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 71 (n,n') Level  
Legendre Coefficients

<sup>73</sup>Ta-166



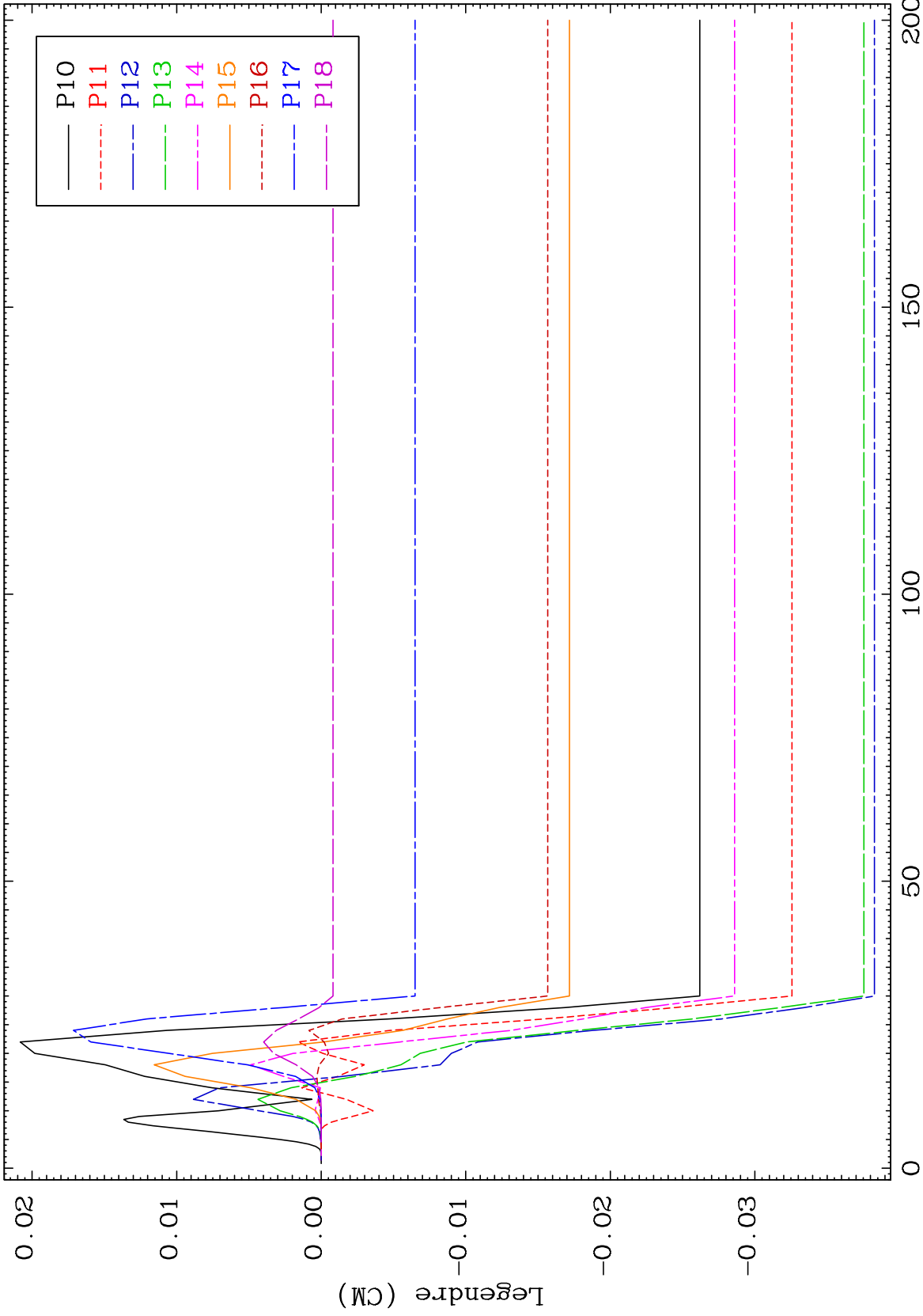
<sup>73</sup>Ta-166

Incident Energy (MeV)

MAT 7283

MT= 71 (n,n') Level  
Legendre Coefficients

73-Ta-166



91

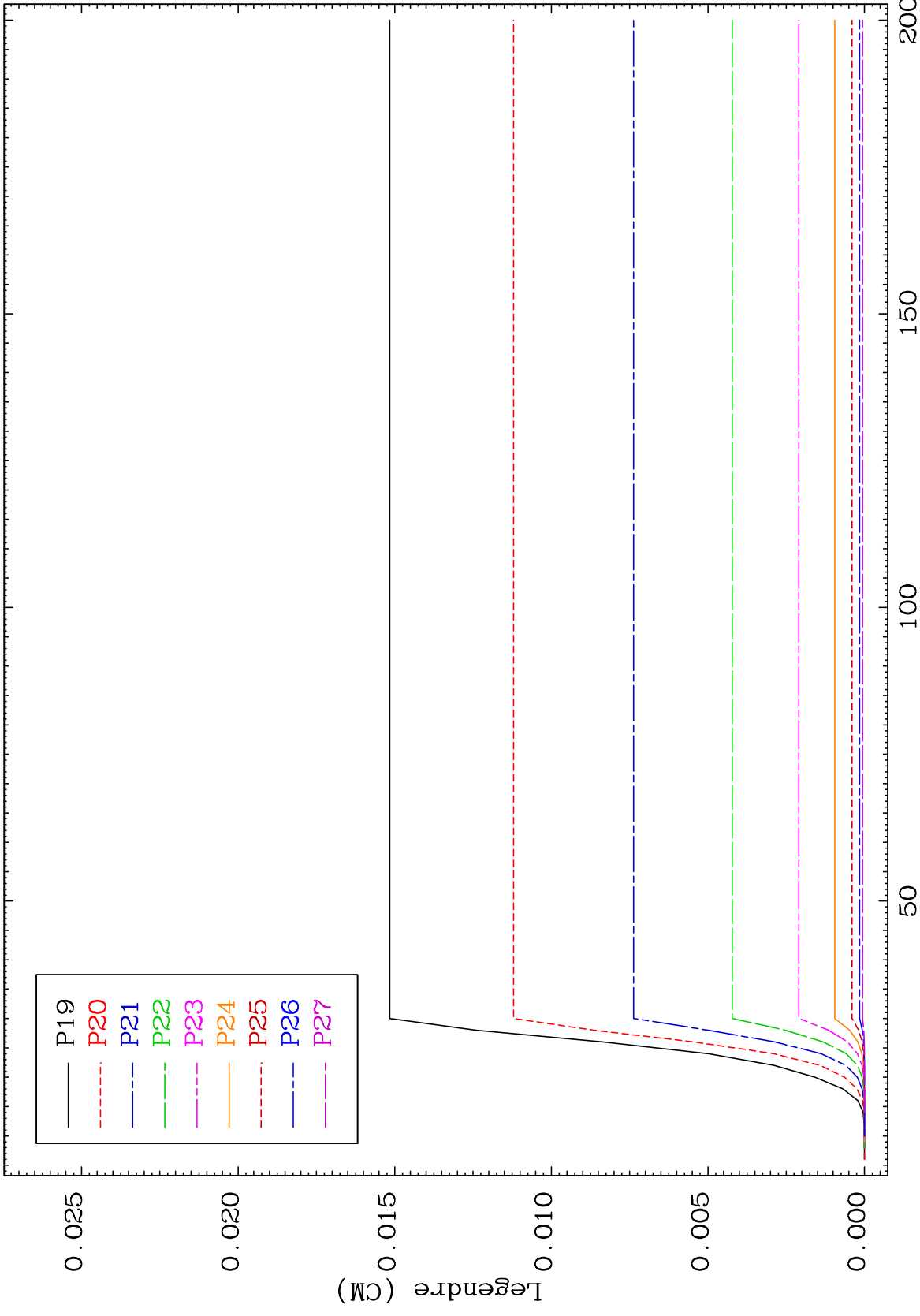
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 71 (n,n') Level  
Legendre Coefficients

73-Ta-166



92

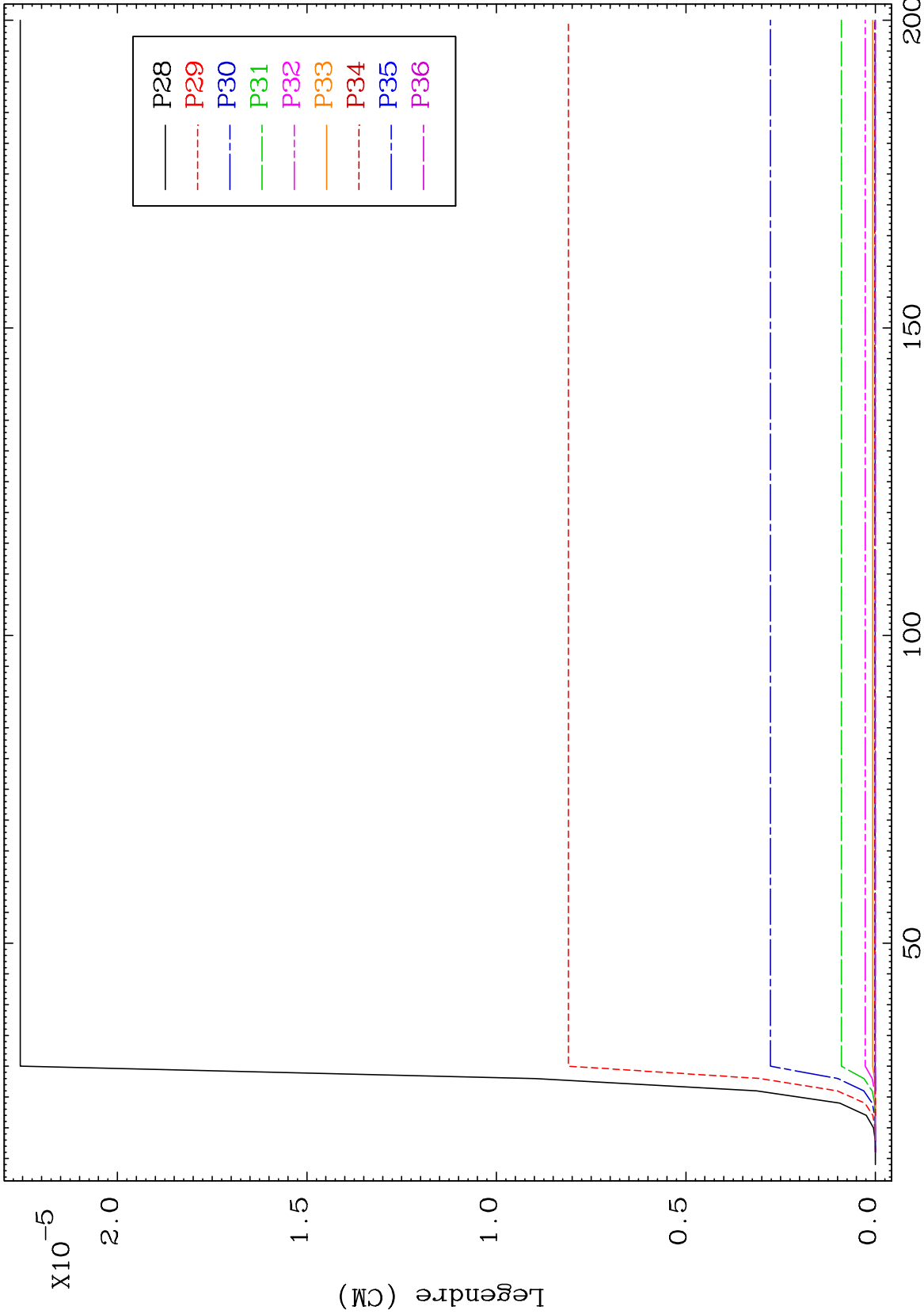
Incident Energy (MeV)

73-Ta-166

MAT 7283

MT= 71 (n,n') Level  
Legendre Coefficients

73-Ta-166



93

Incident Energy (MeV)

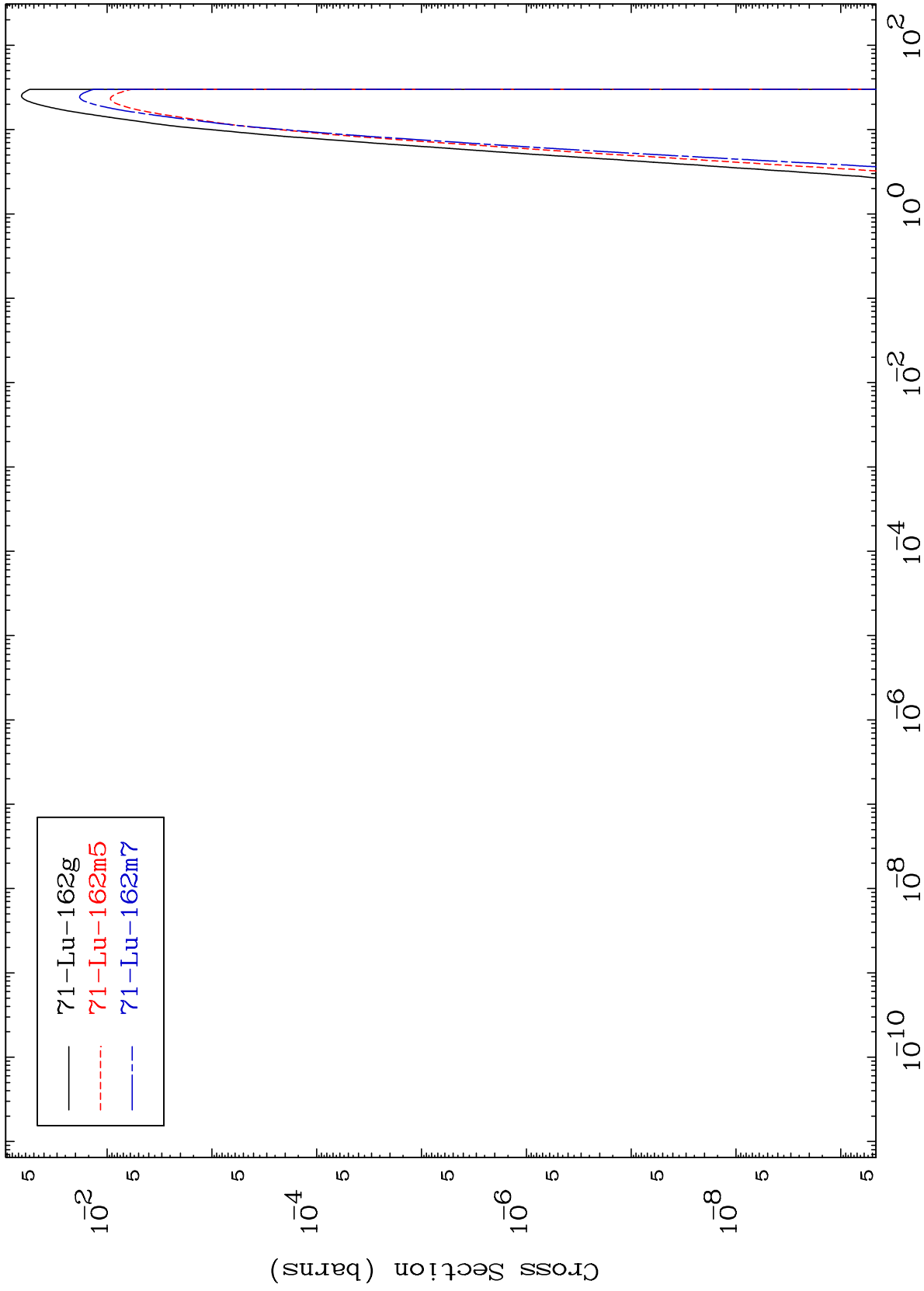
73-Ta-166

MAT 7283

(n,n')  $\alpha$

73-Ta-166

Radionuclide Production Cross Section



94

Incident Energy (MeV)

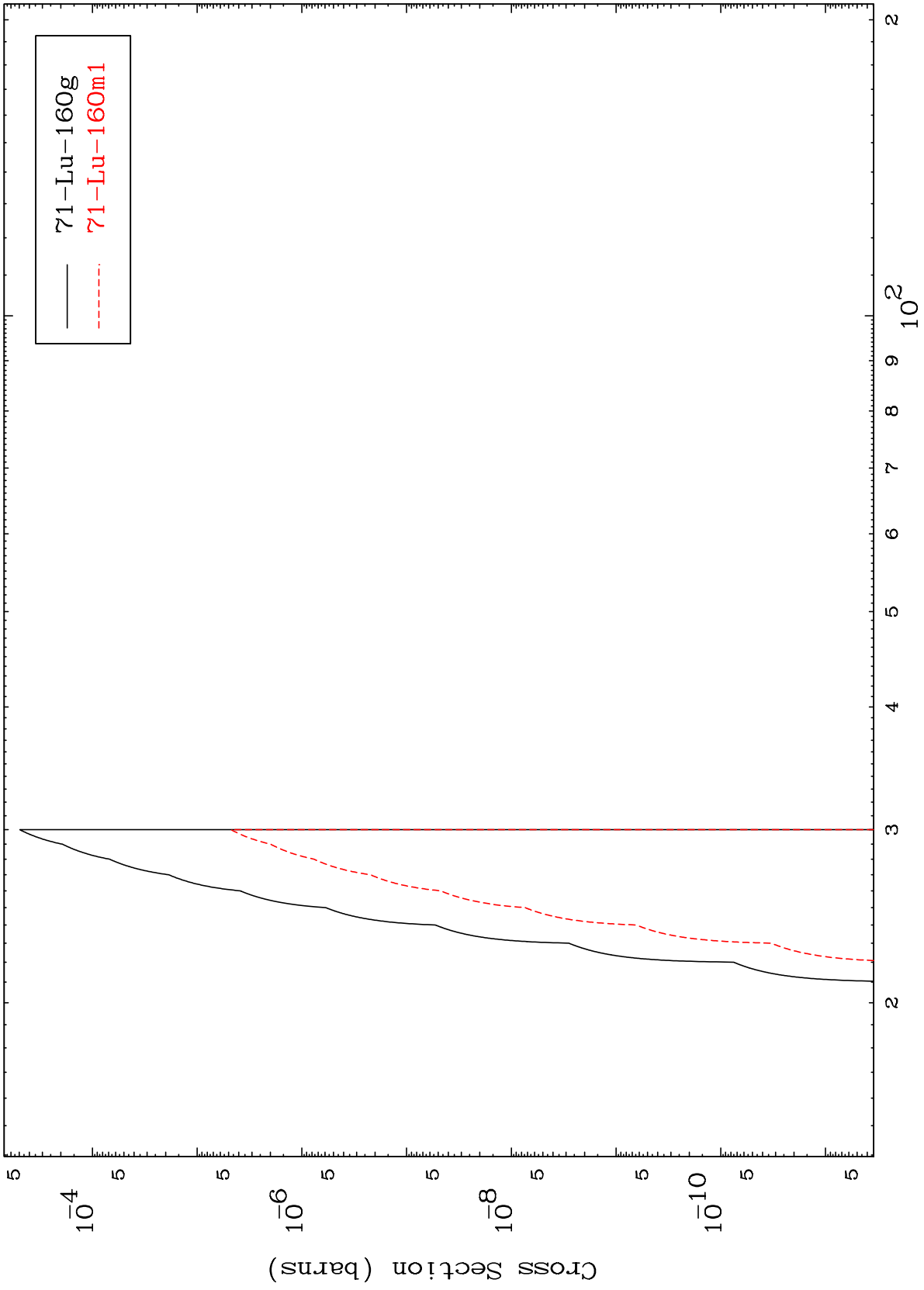
73-Ta-166

MAT 7283

(n,3n)  $\alpha$

<sup>73</sup>Ta-166

Radionuclide Production Cross Section



95

Incident Energy (MeV)

<sup>73</sup>Ta-166

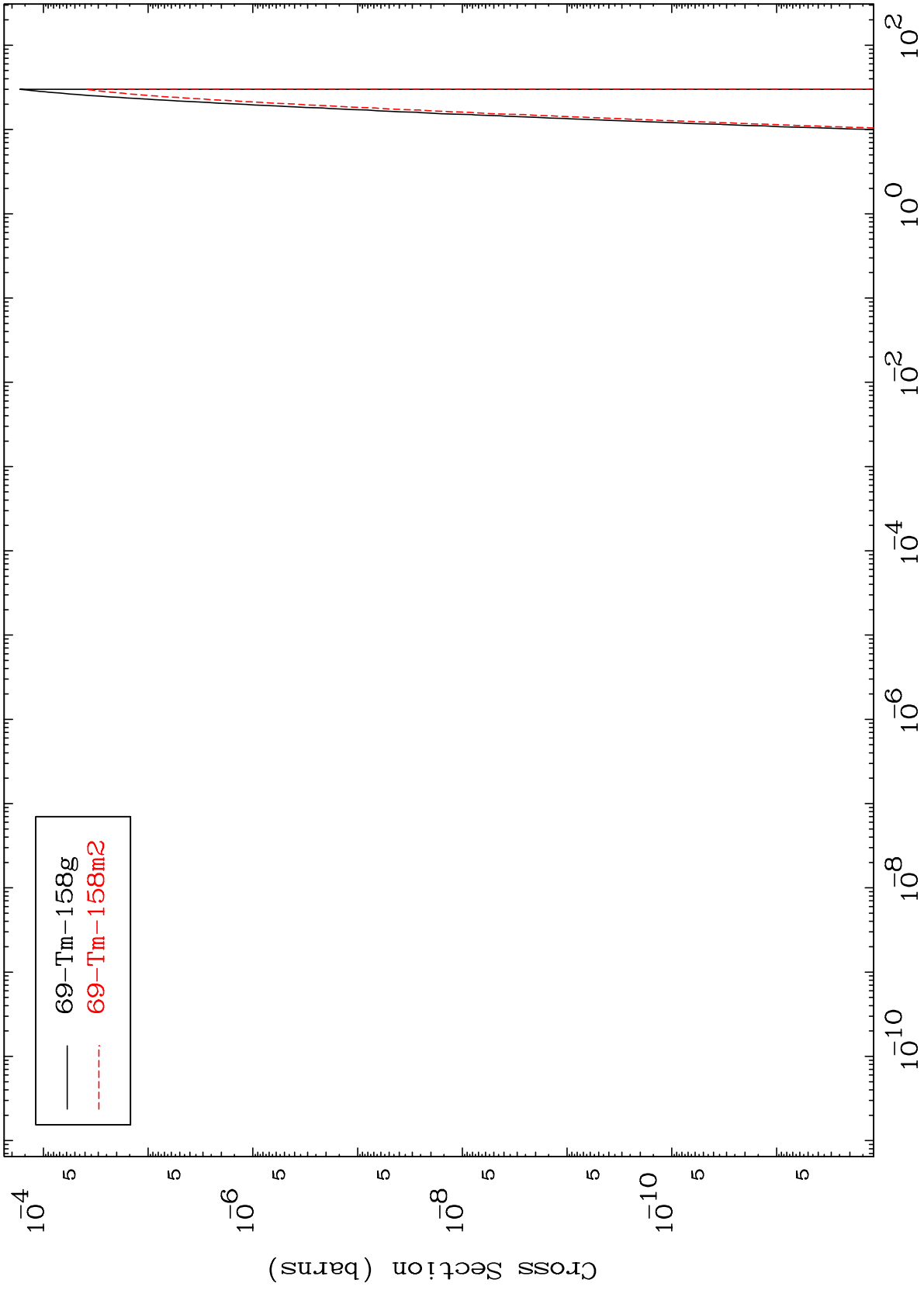


MAT 7283

(n,n') 2 $\alpha$

<sup>73</sup>Ta-166

Radionuclide Production Cross Section



96

Incident Energy (MeV)

<sup>73</sup>Ta-166