

Program EVALPLOT  
(Version 2018-1)

by

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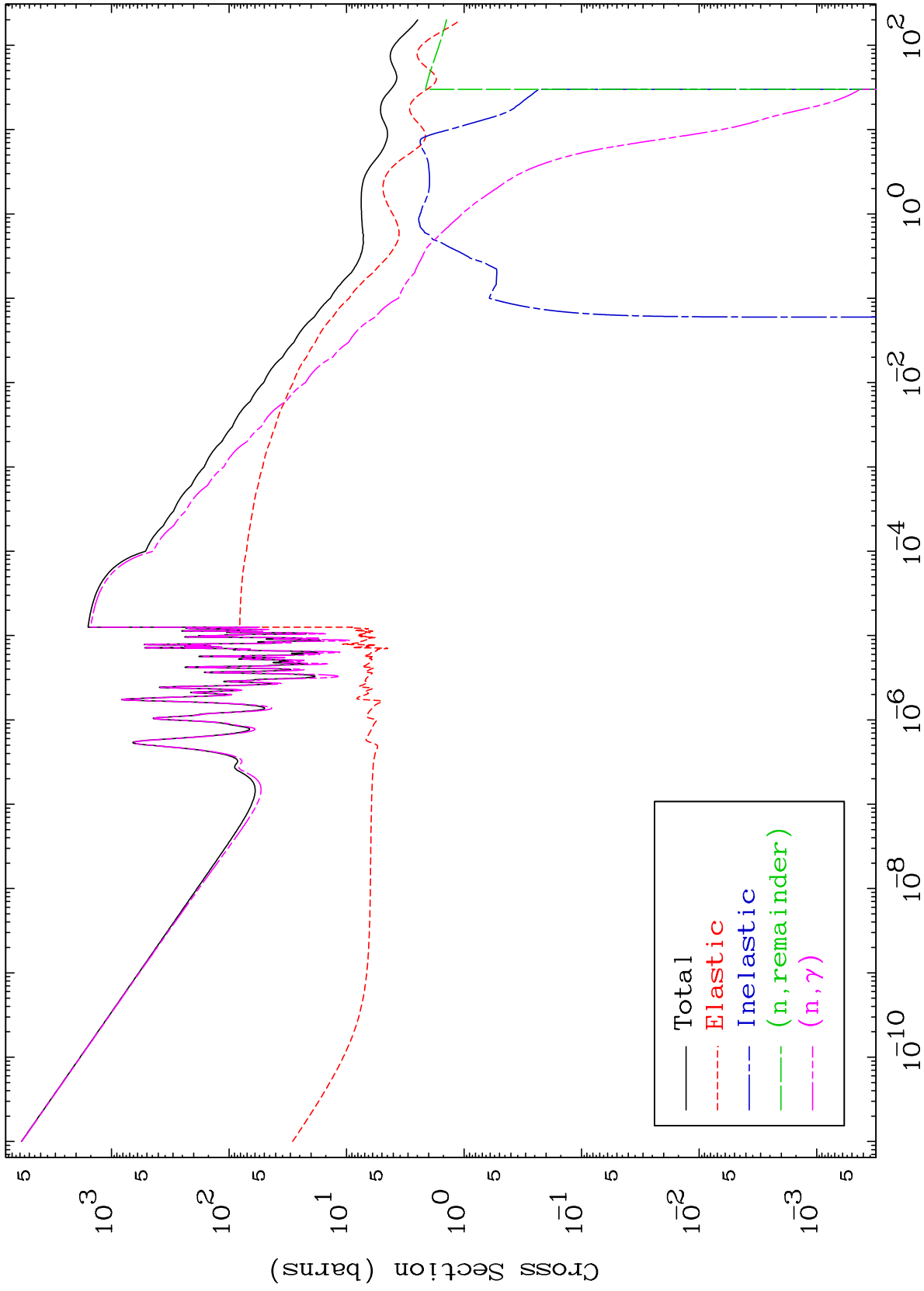
Press Mouse Button to Start

MAT 6816

Major

293 Kelvin Cross Sections

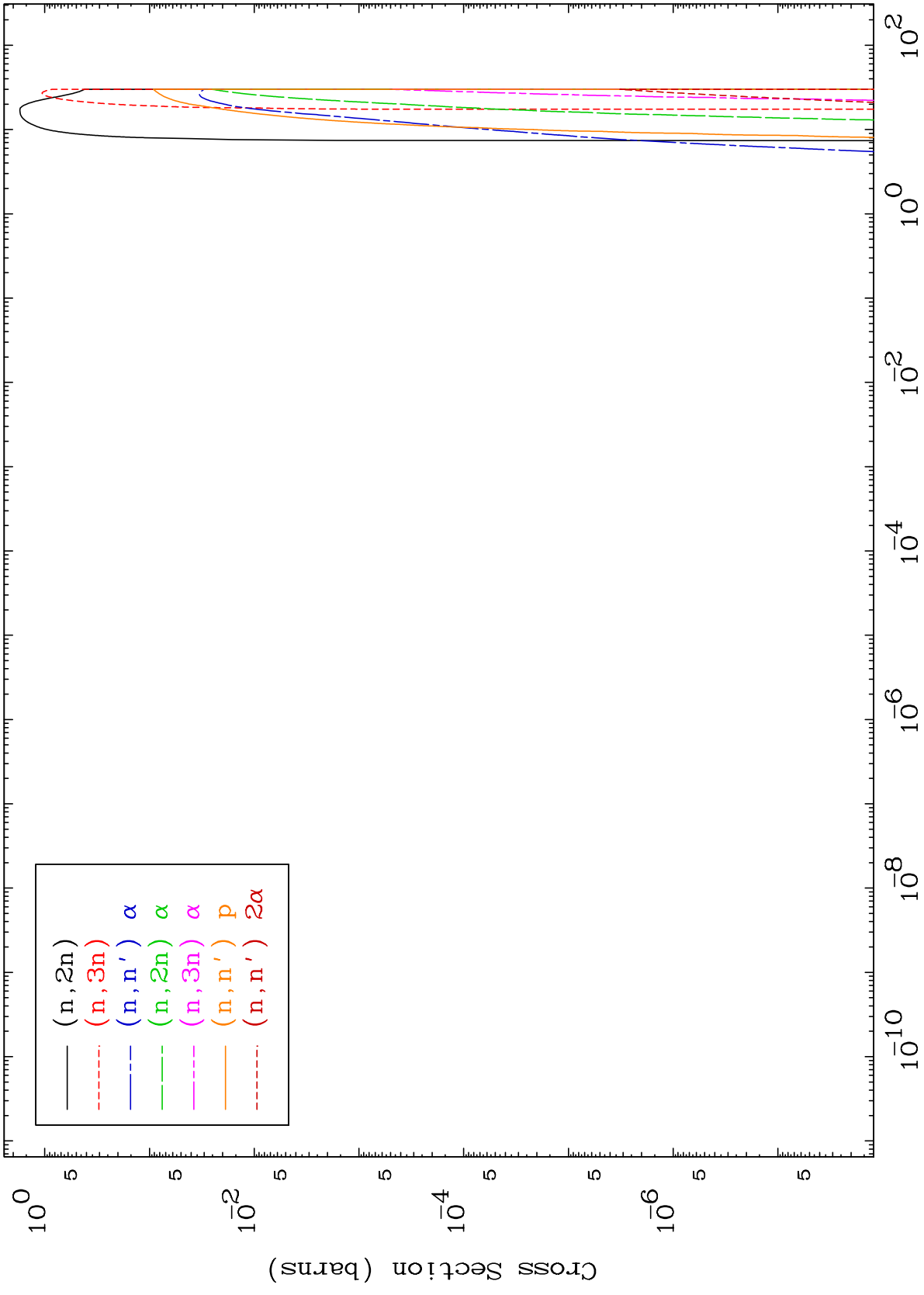
68-Er-159



MAT 6816

Neutron Production  
293 Kelvin Cross Sections

68-Er-159

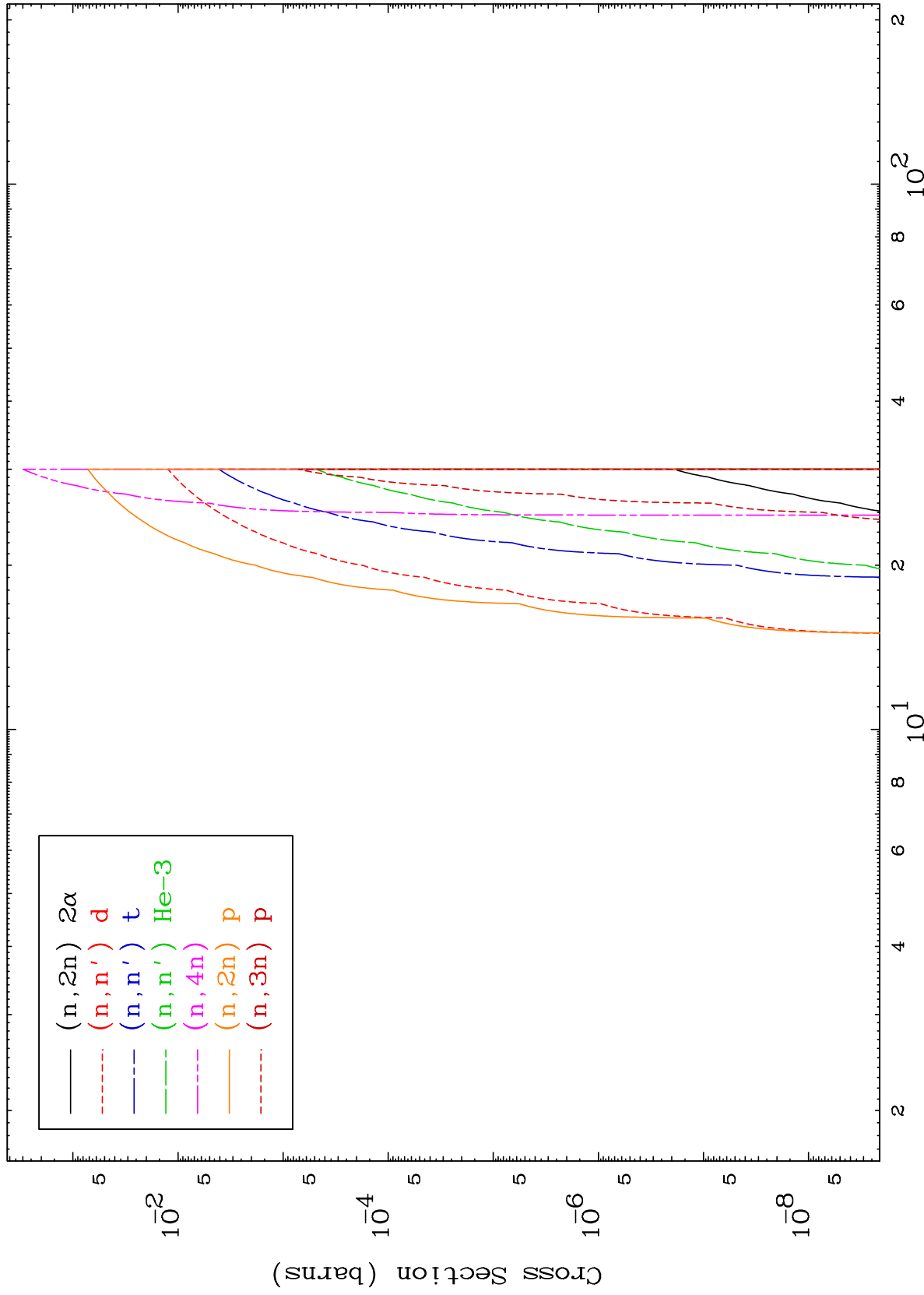


68-Er-159

MAT 6816

Neutron Production  
293 Kelvin Cross Sections

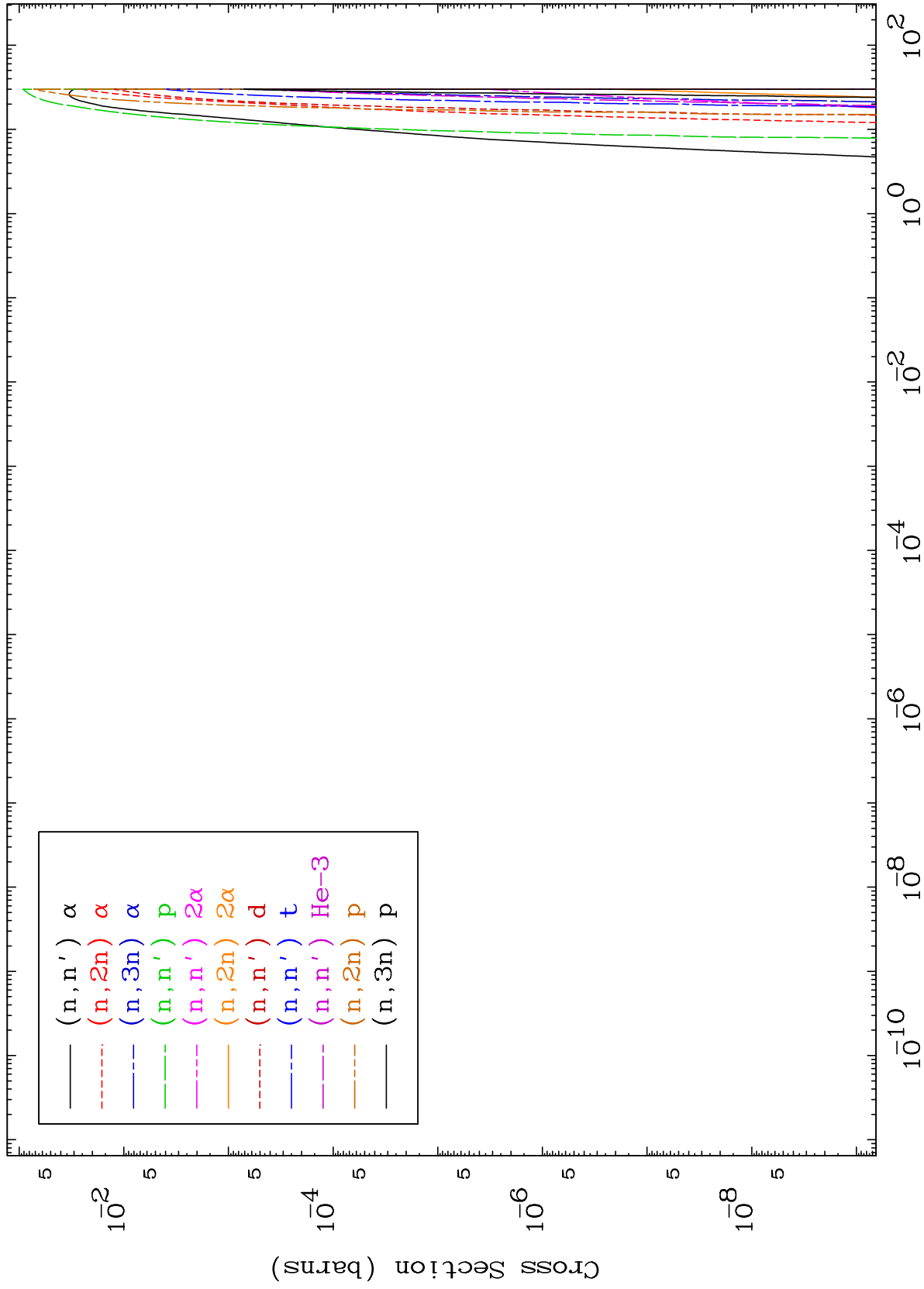
68-Er-159



MAT 6816

Charged Particle  
293 Kelvin Cross Sections

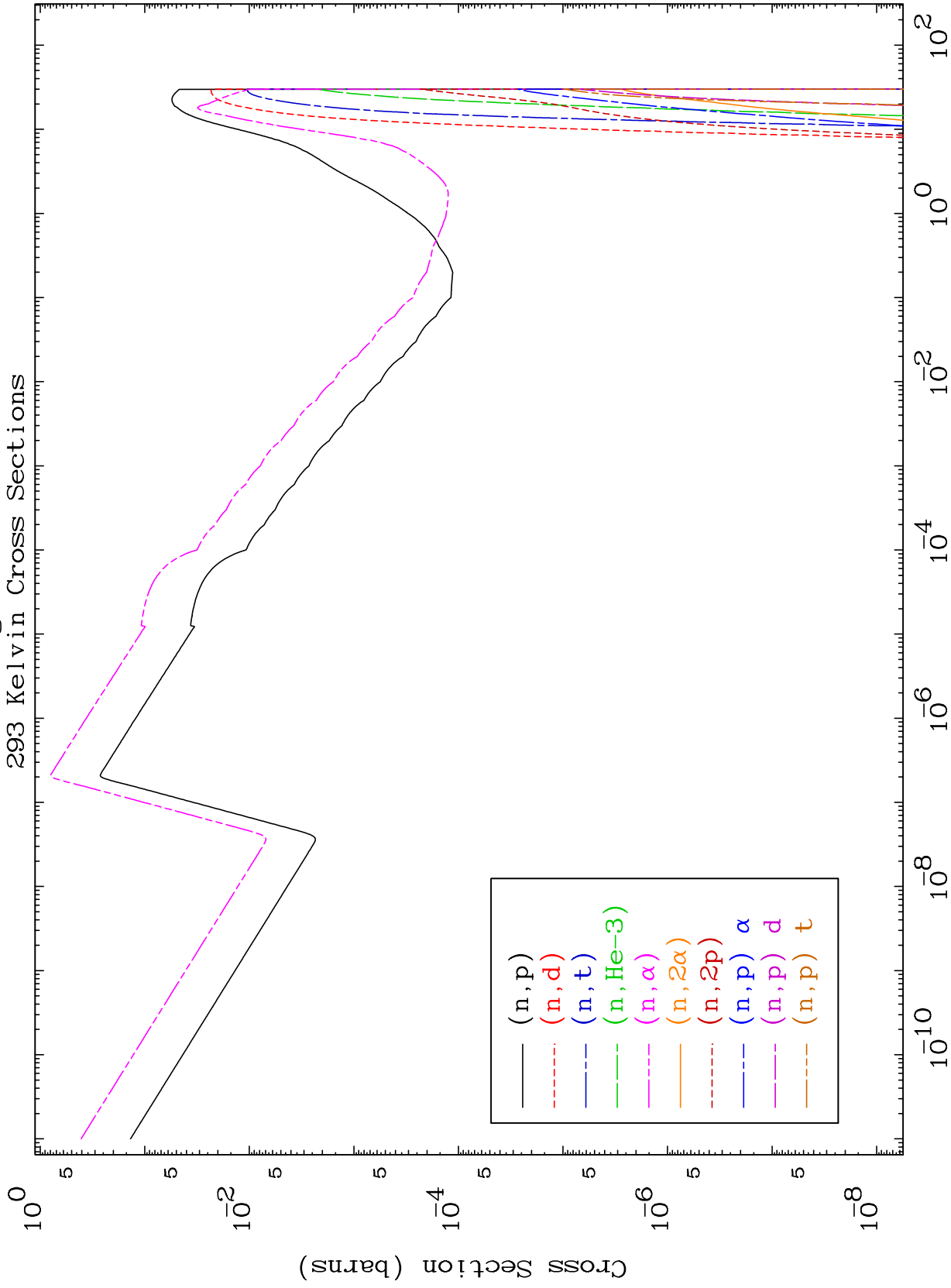
68-Er-159



MAT 6816

Charged Particle  
293 Kelvin Cross Sections

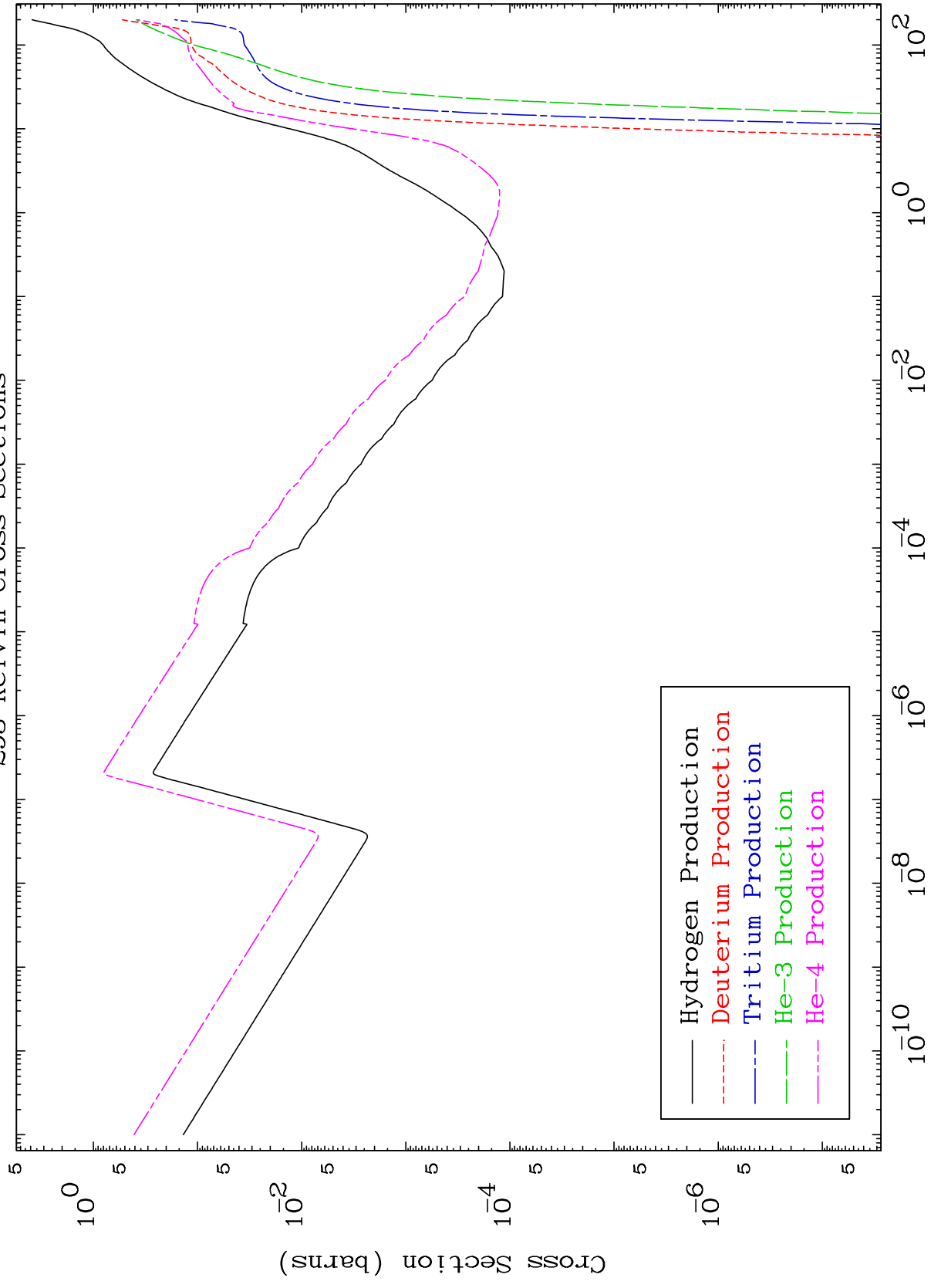
68-Er-159



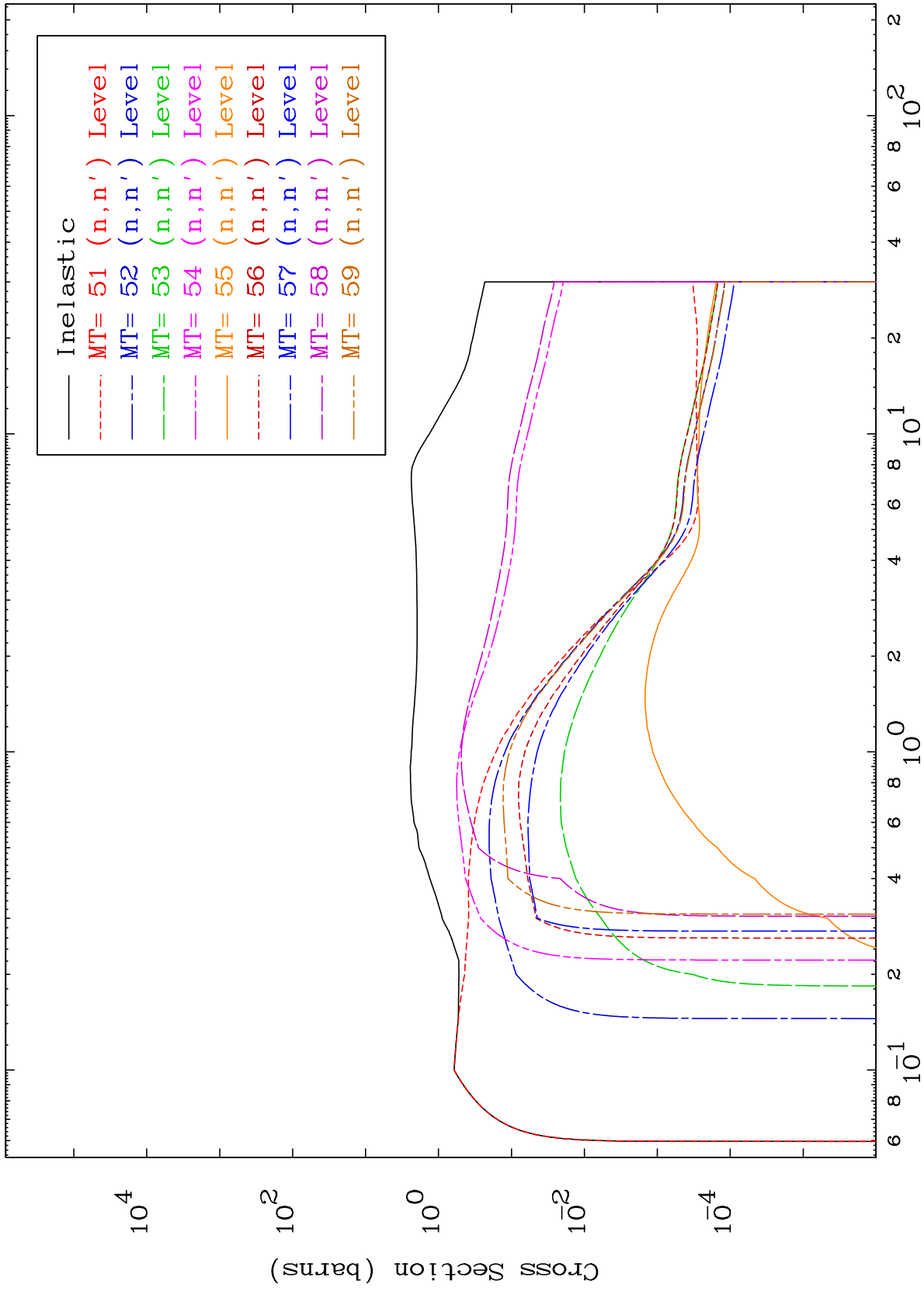
5

Incident Energy (MeV)

68-Er-159



293 Kelvin Cross Sections



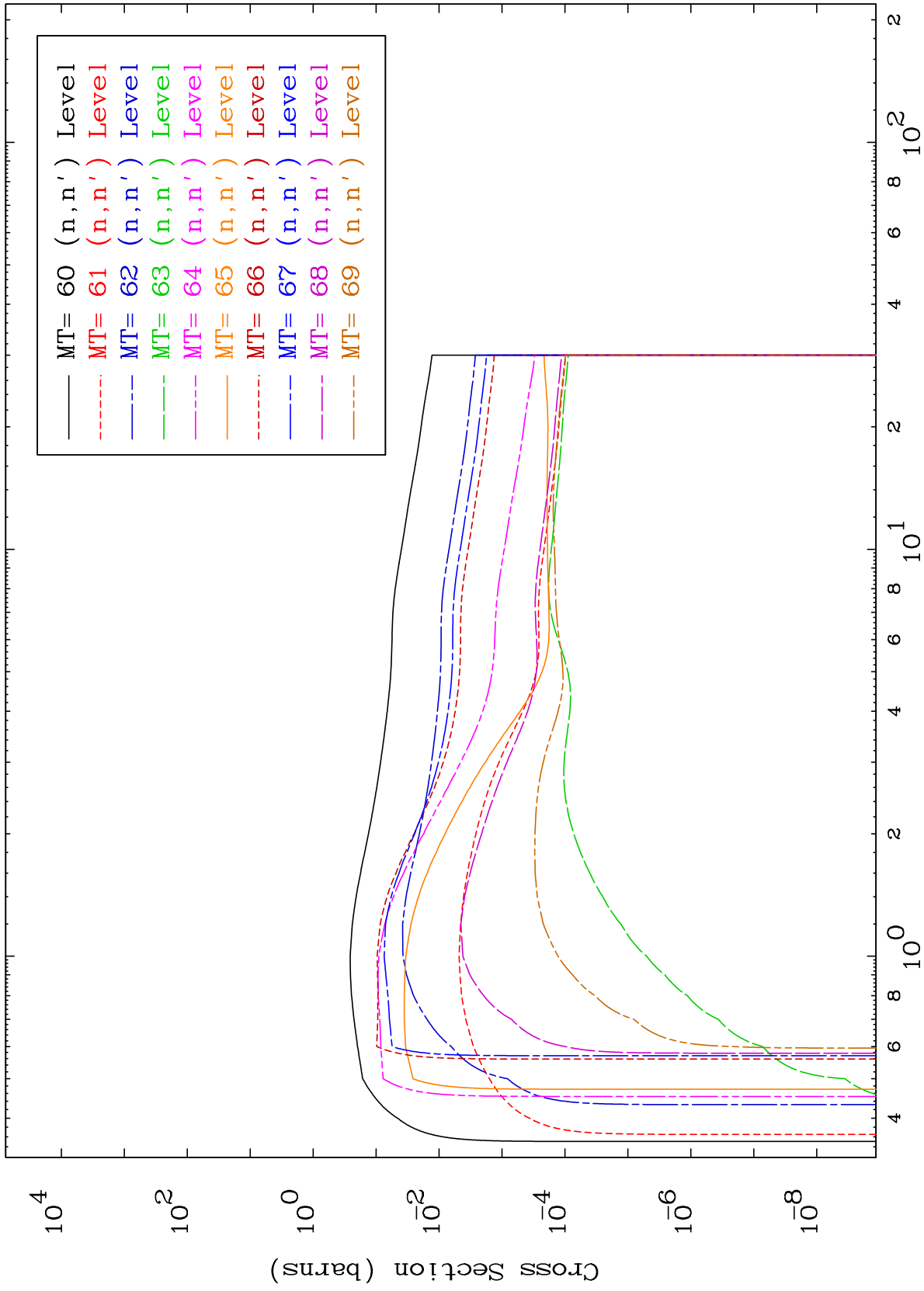


MAT 6816

(n,n') Level

68-Er-159

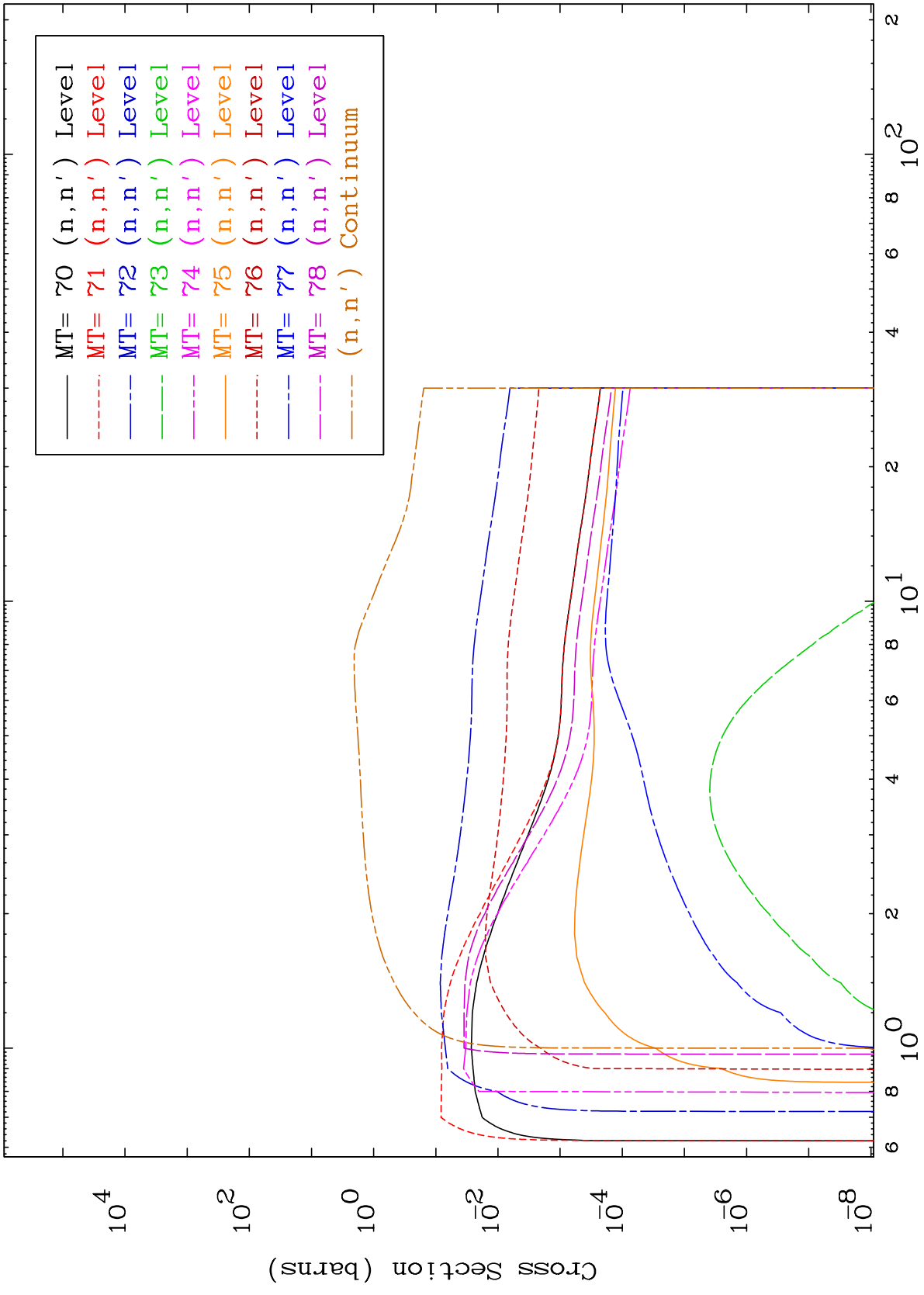
293 Kelvin Cross Sections



8

Incident Energy (MeV)

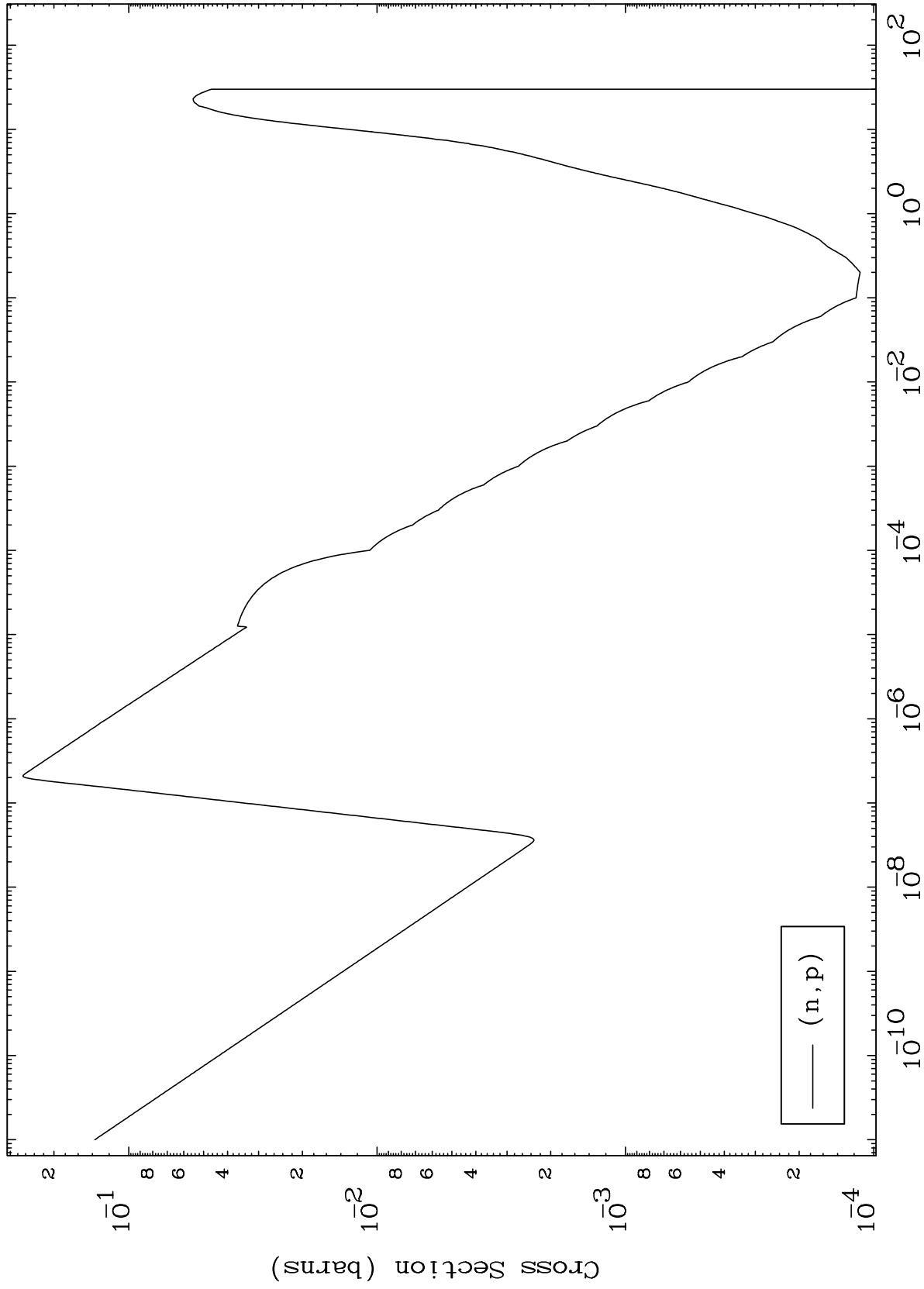
68-Er-159



MAT 6816

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-159



10

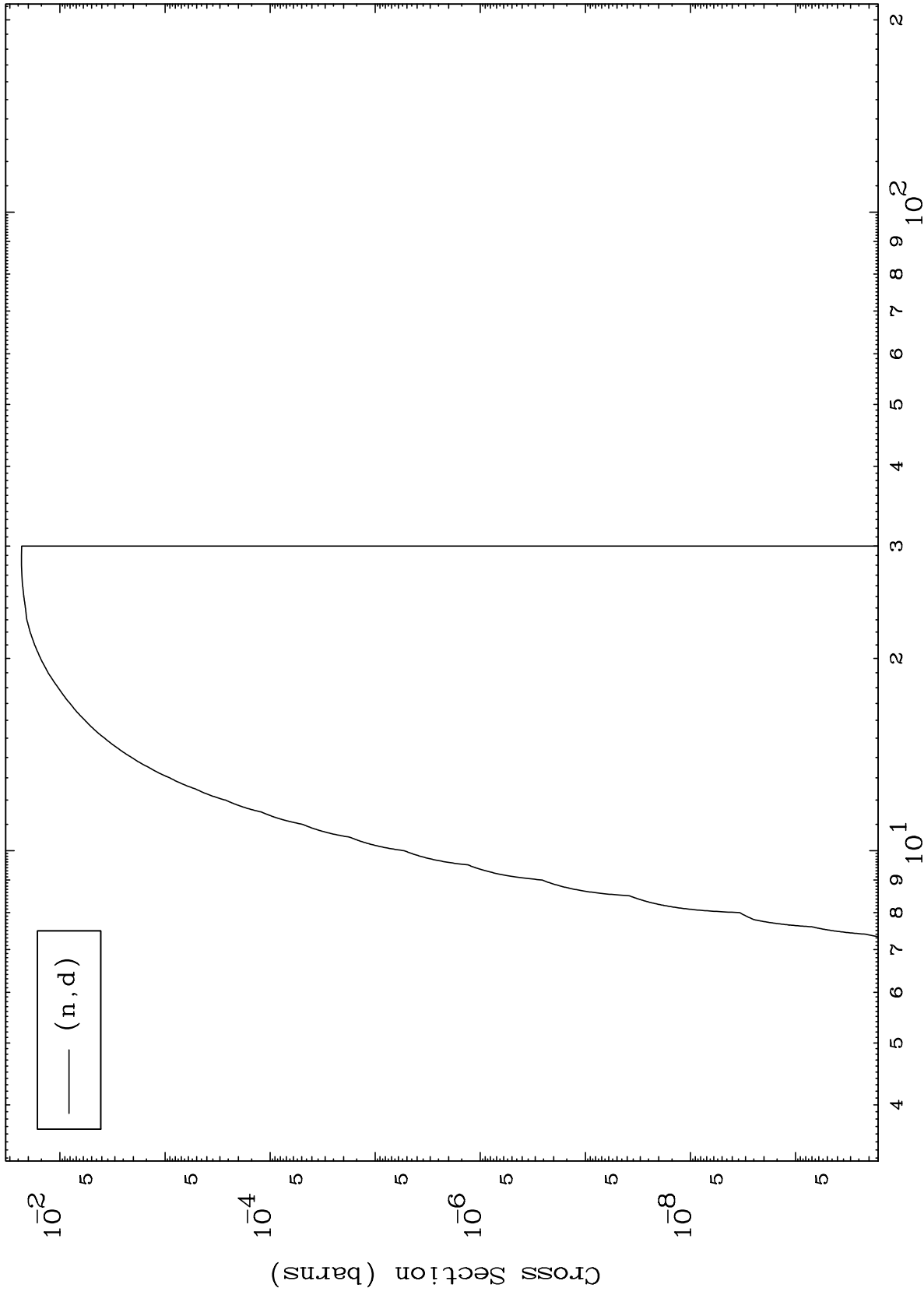
Incident Energy (MeV)

68-Er-159

MAT 6816

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-159



11

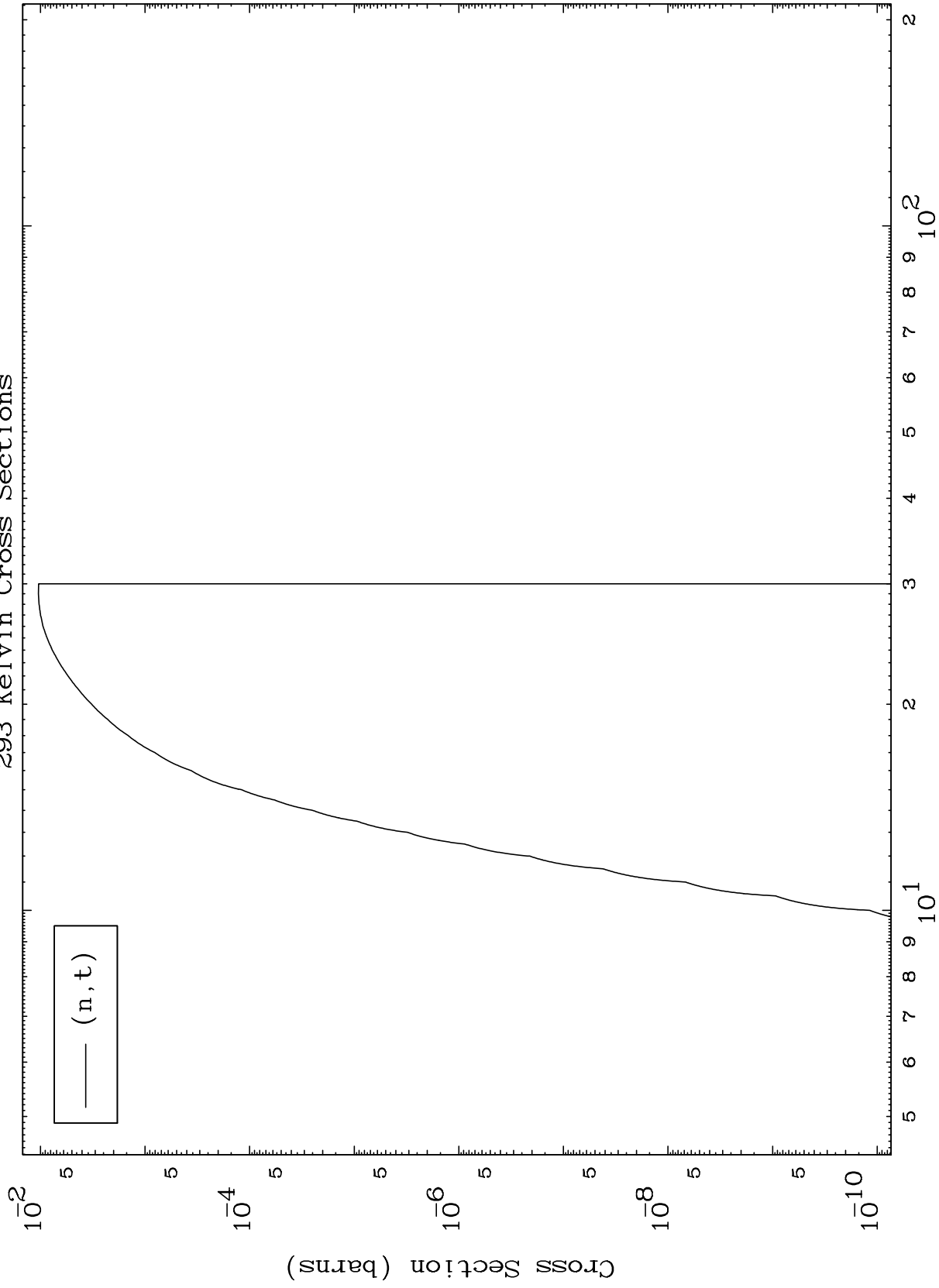
68-Er-159

68-Er-159

MAT 6816

68-Er-159

(n,t) Levels  
293 Kelvin Cross Sections



12

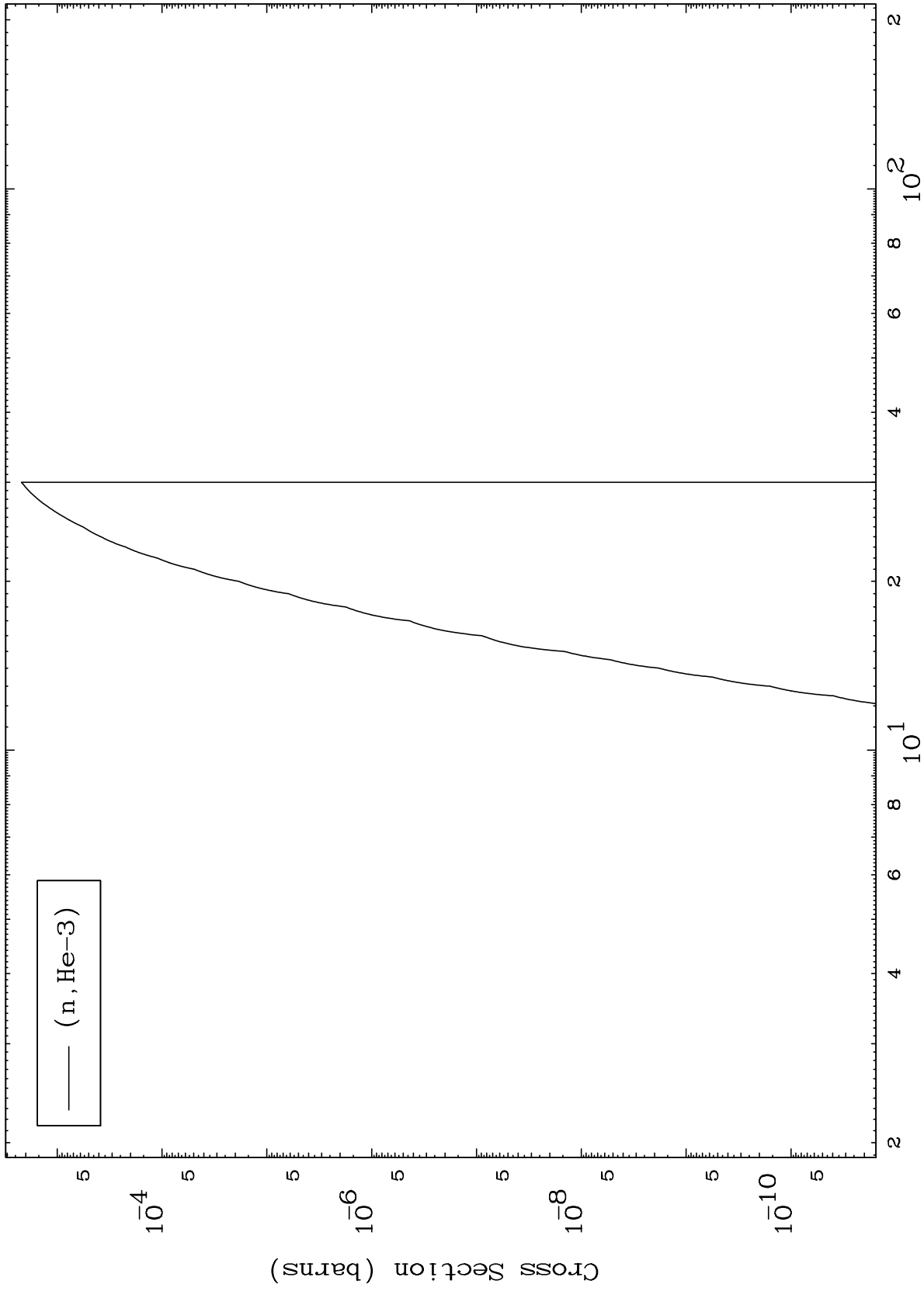
Incident Energy (MeV)

68-Er-159

MAT 6816

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-159



13

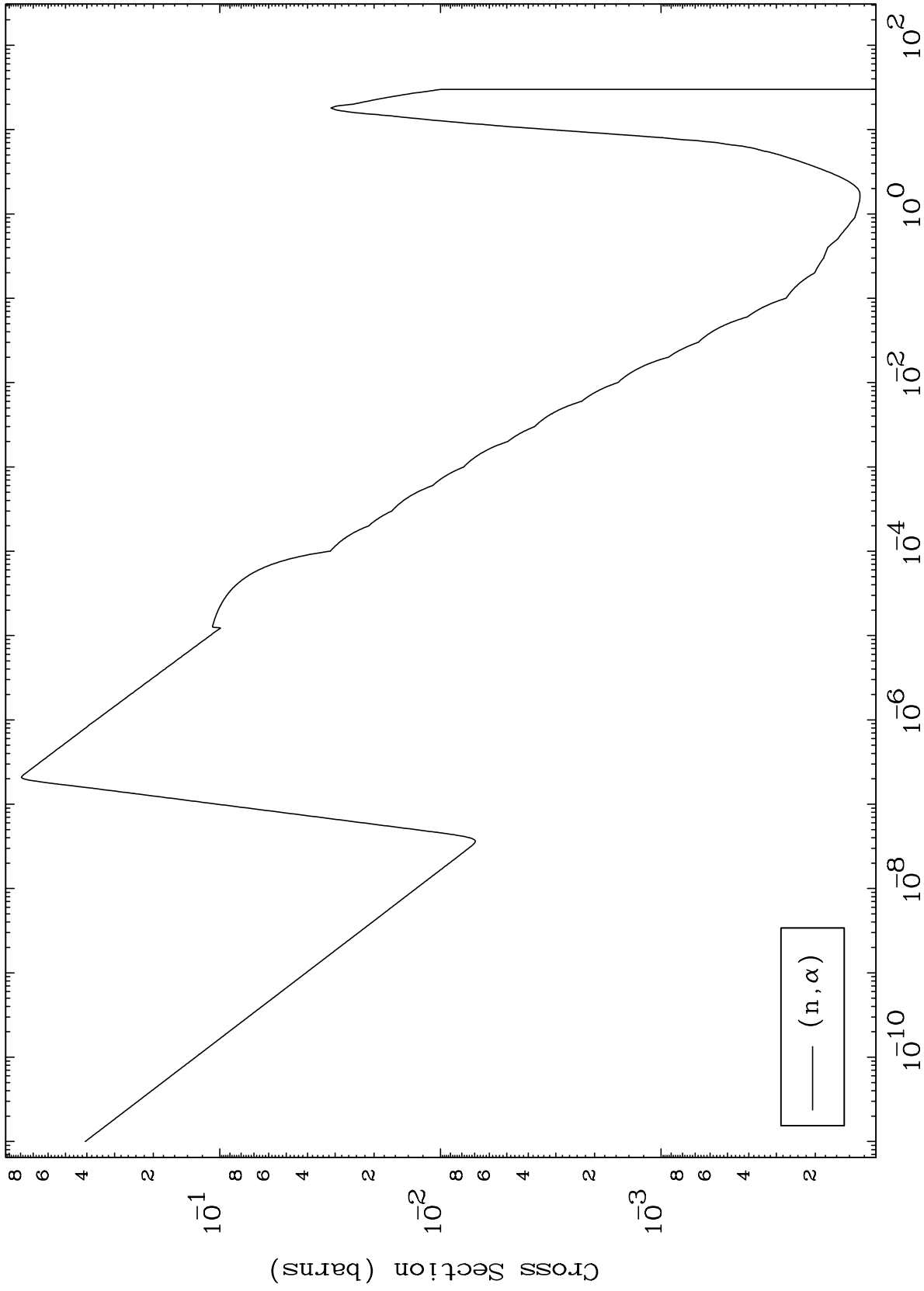
Incident Energy (MeV)

68-Er-159

MAT 6816

(n,α) Levels  
293 Kelvin Cross Sections

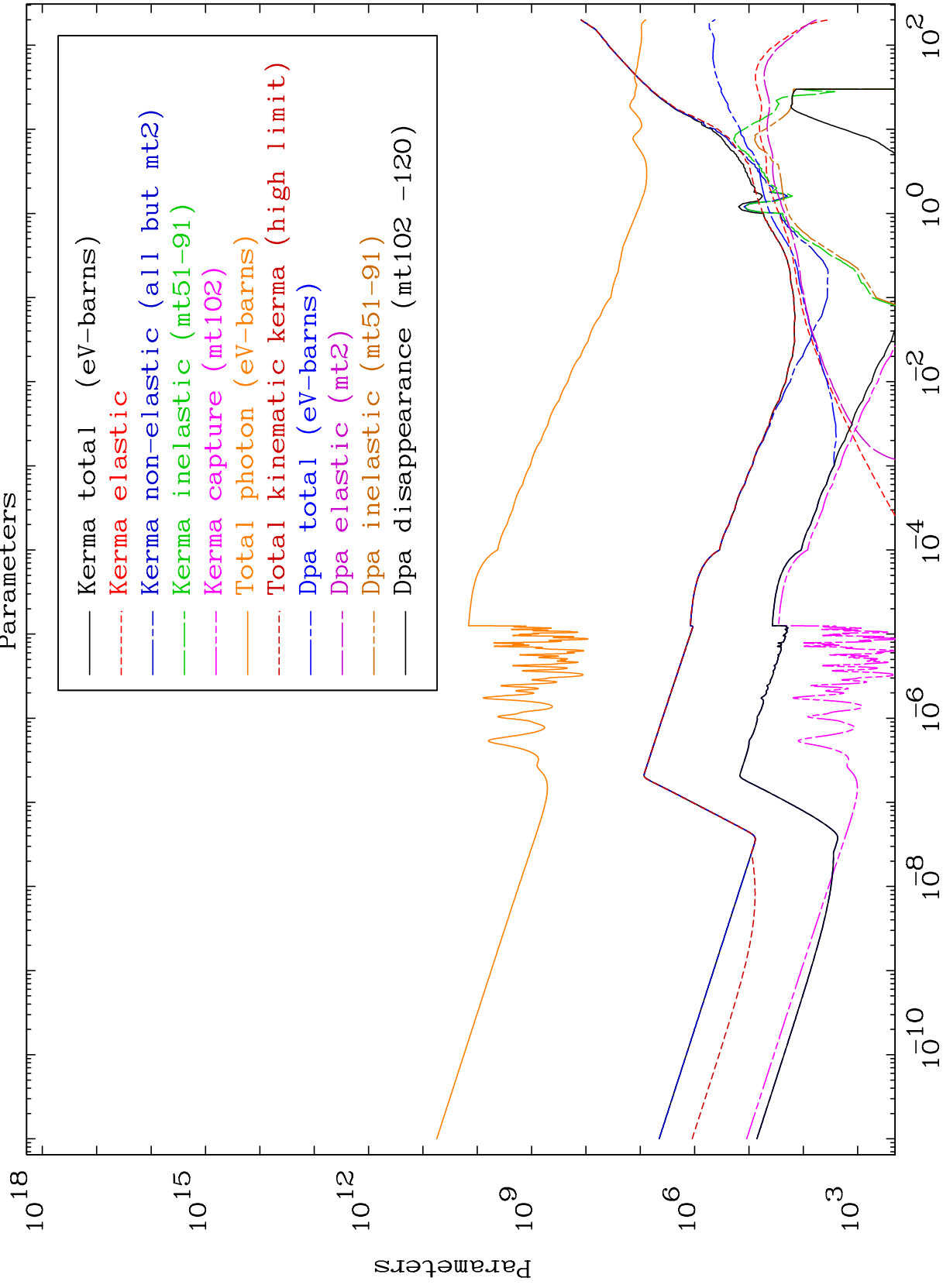
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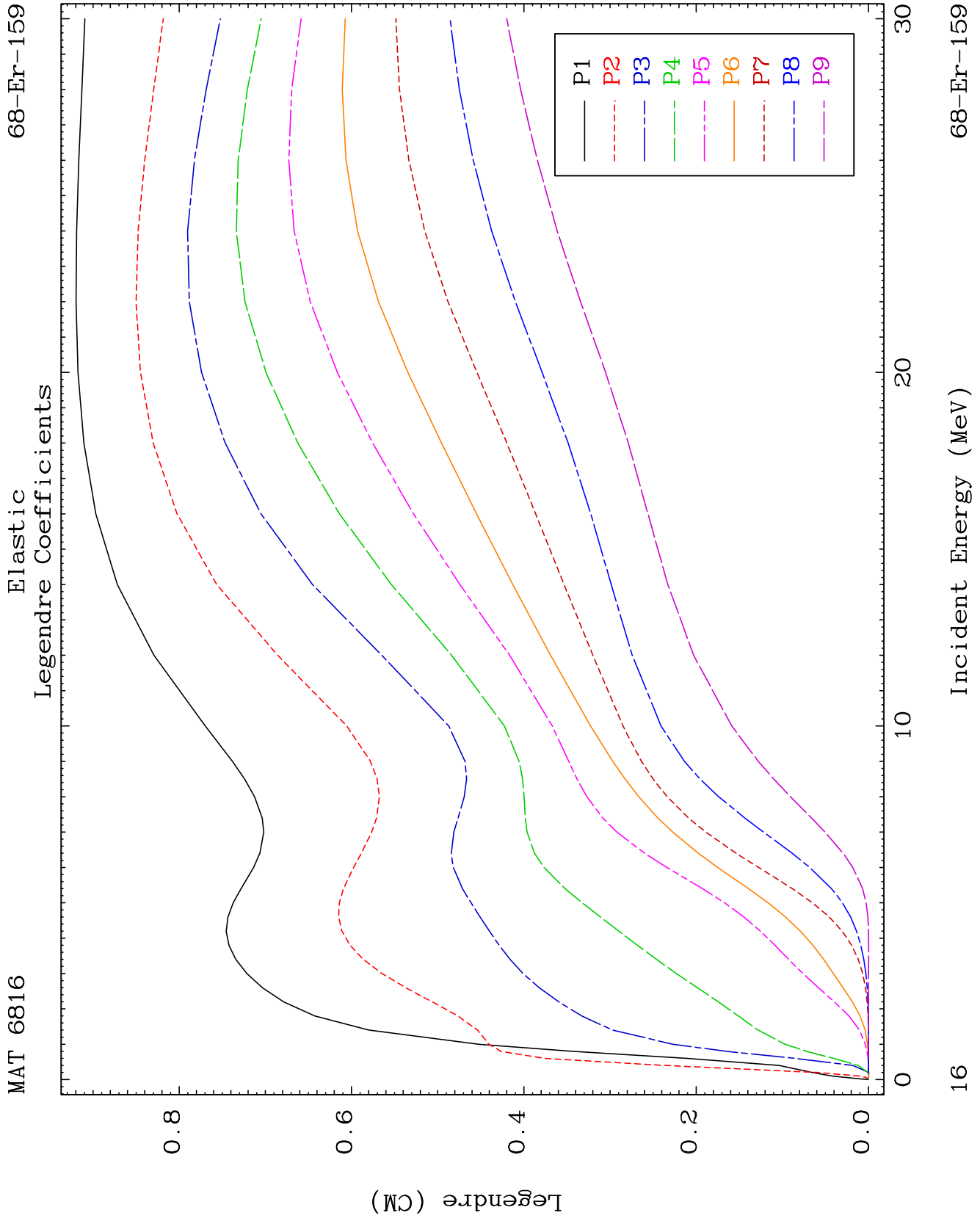
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Incident Energy (MeV)

68-Er-159



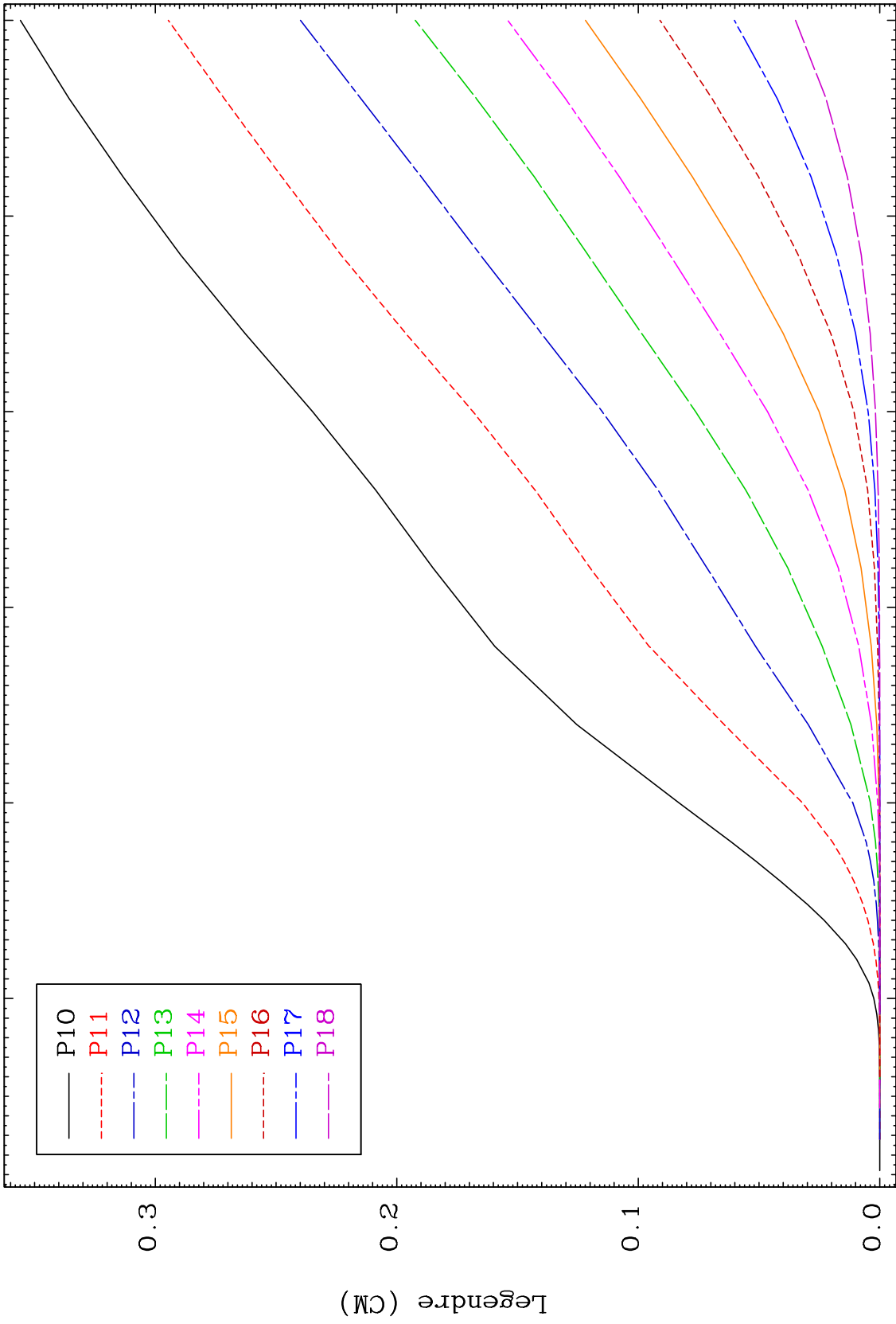




MAT 6816

Elastic Legendre Coefficients

68-Er-159



17

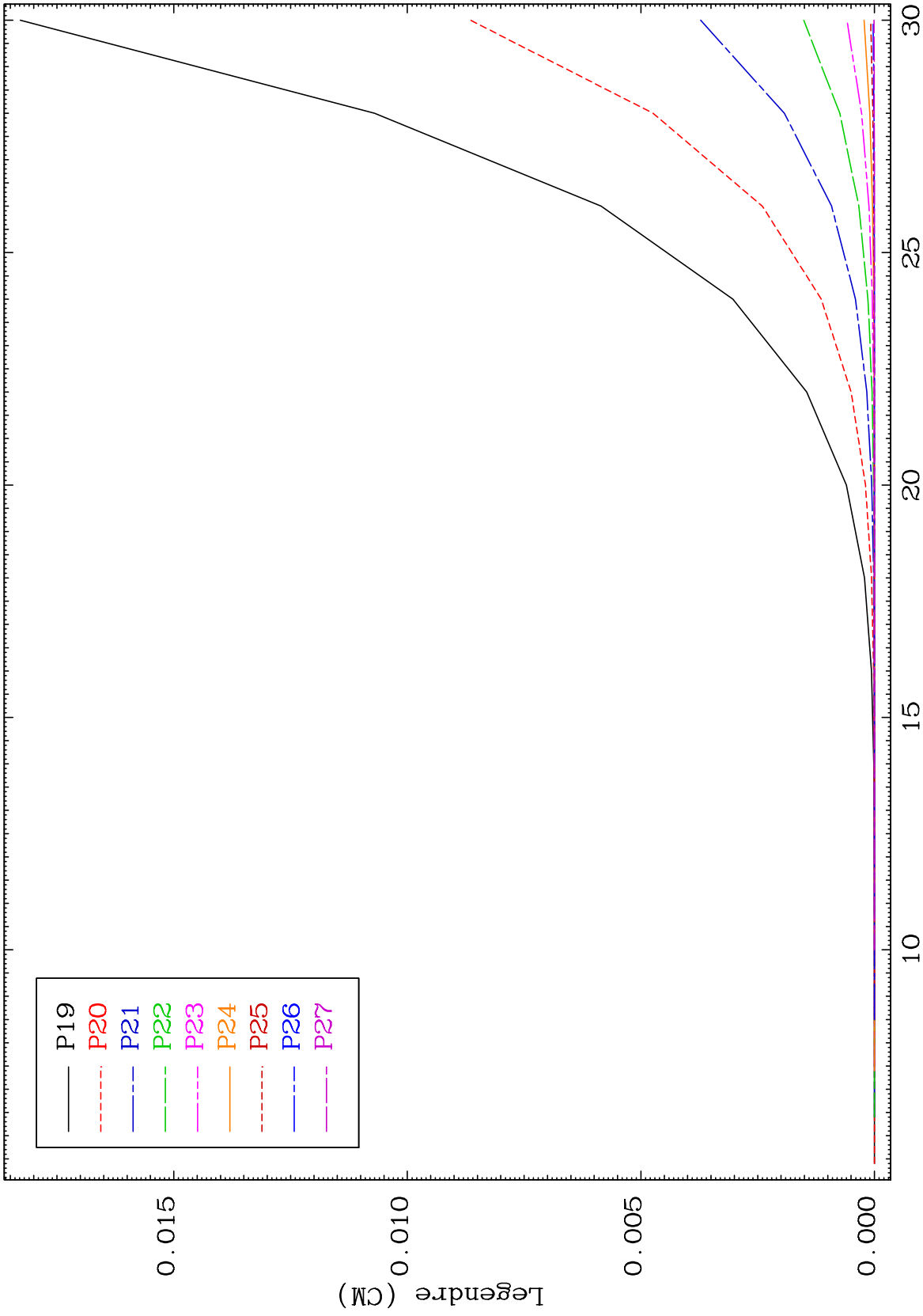
Incident Energy (MeV)

68-Er-159

MAT 6816

### Elastic Legendre Coefficients

68-Er-159



18

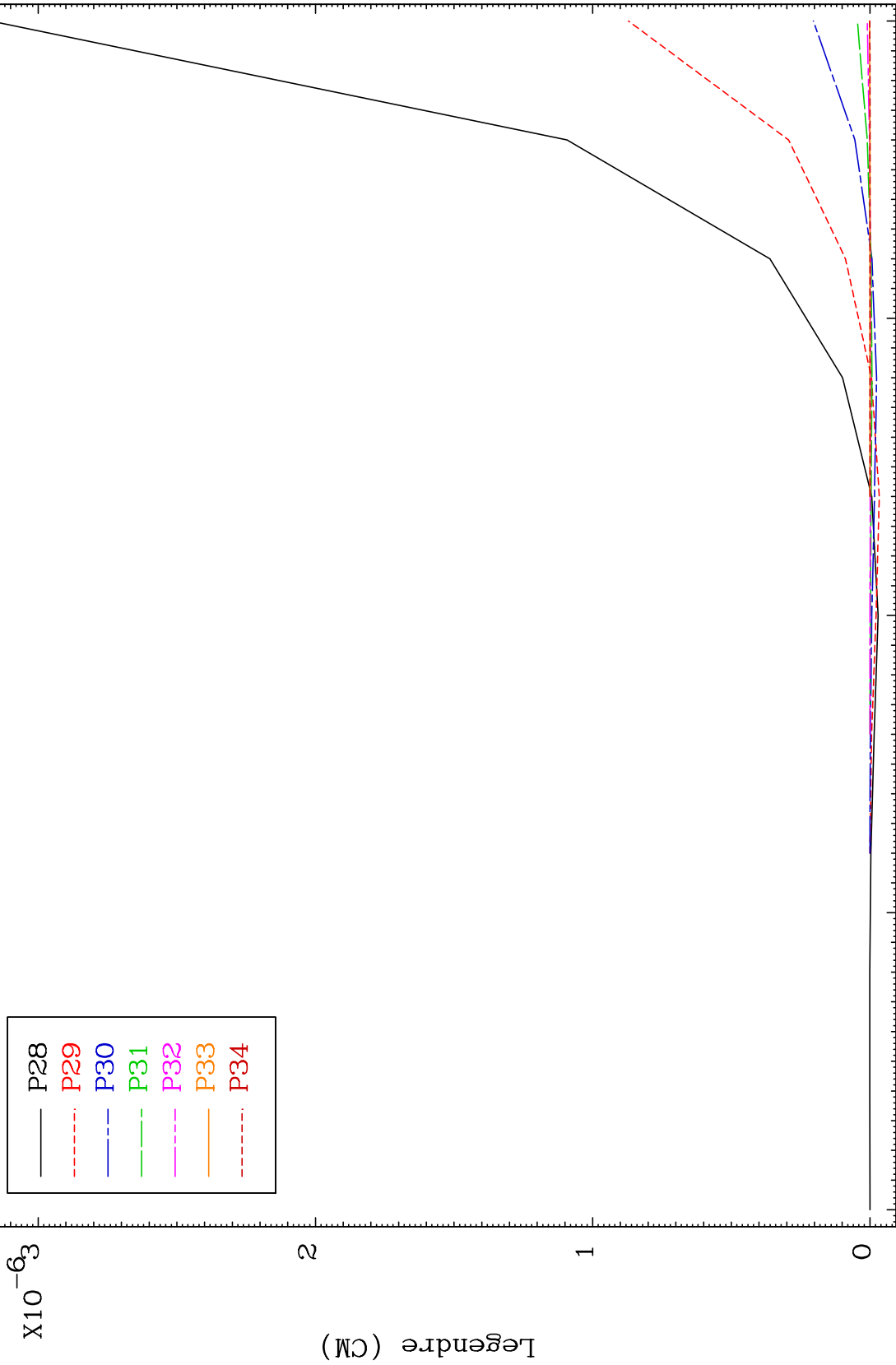
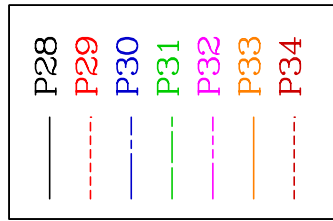
Incident Energy (MeV)

68-Er-159

MAT 6816

Elastic Legendre Coefficients

68-Er-159



19

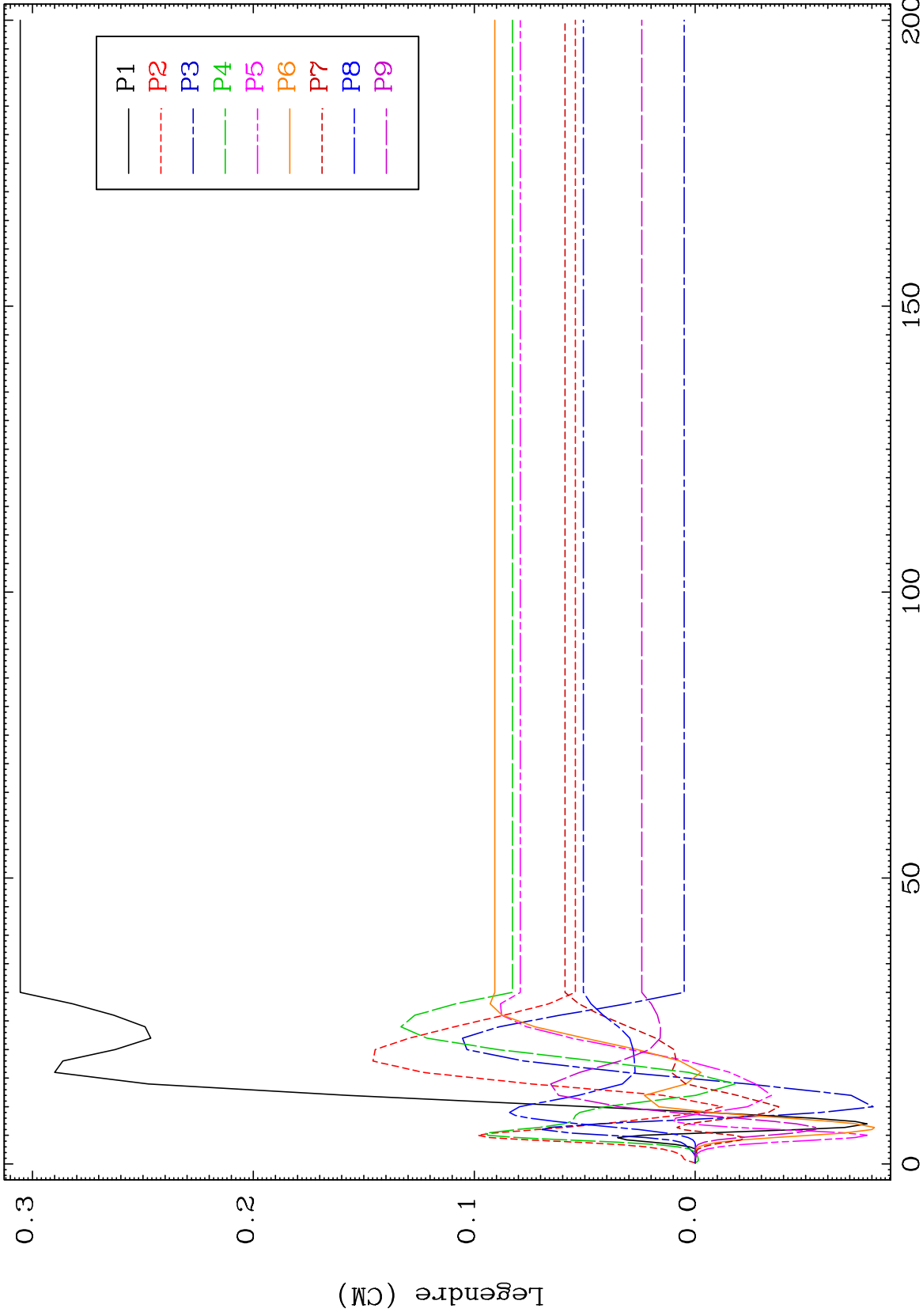
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



20

Incident Energy (MeV)

50

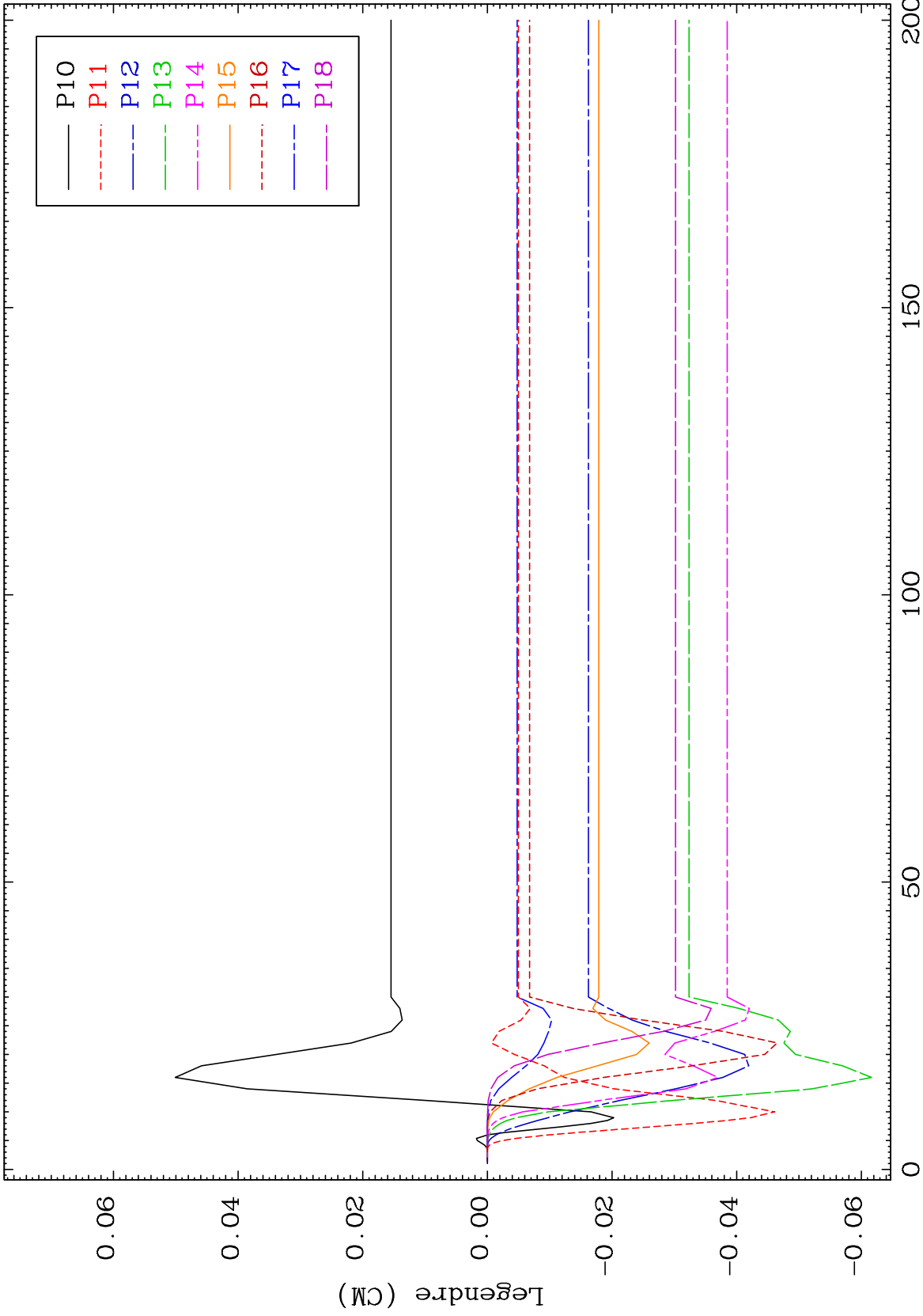
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200

MAT 6816

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

68-Er-159



21

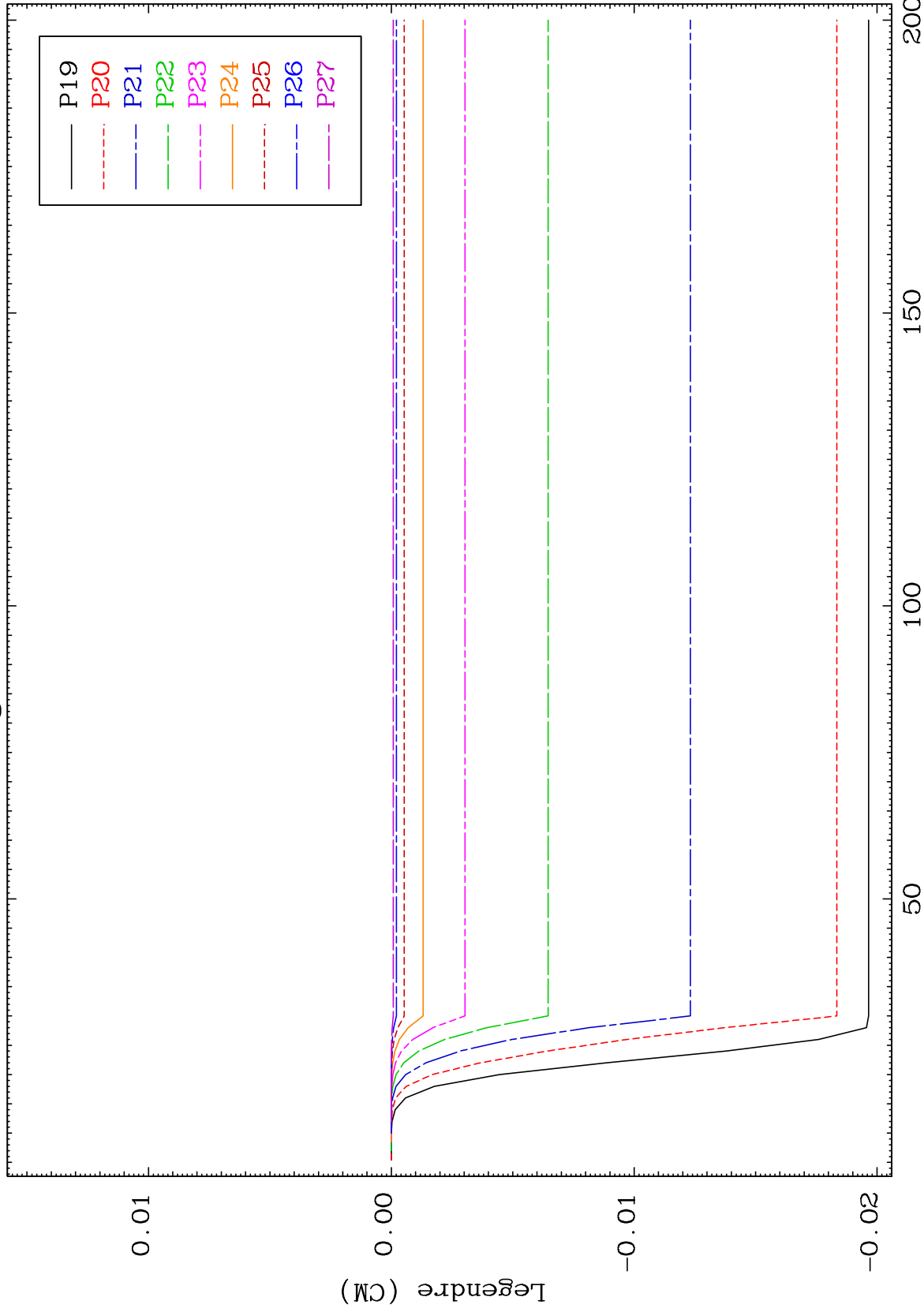
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



22

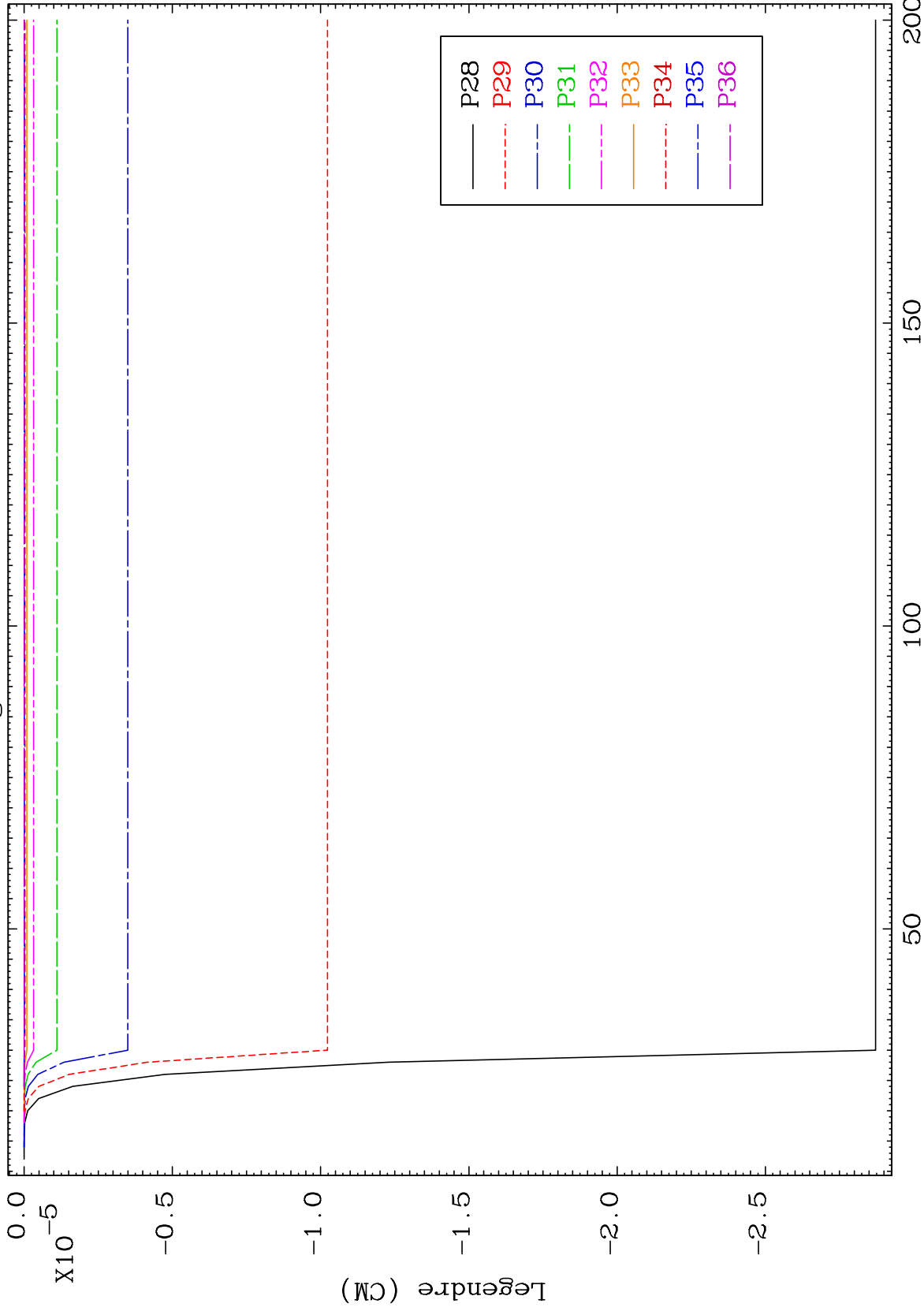
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

Incident Energy (MeV)

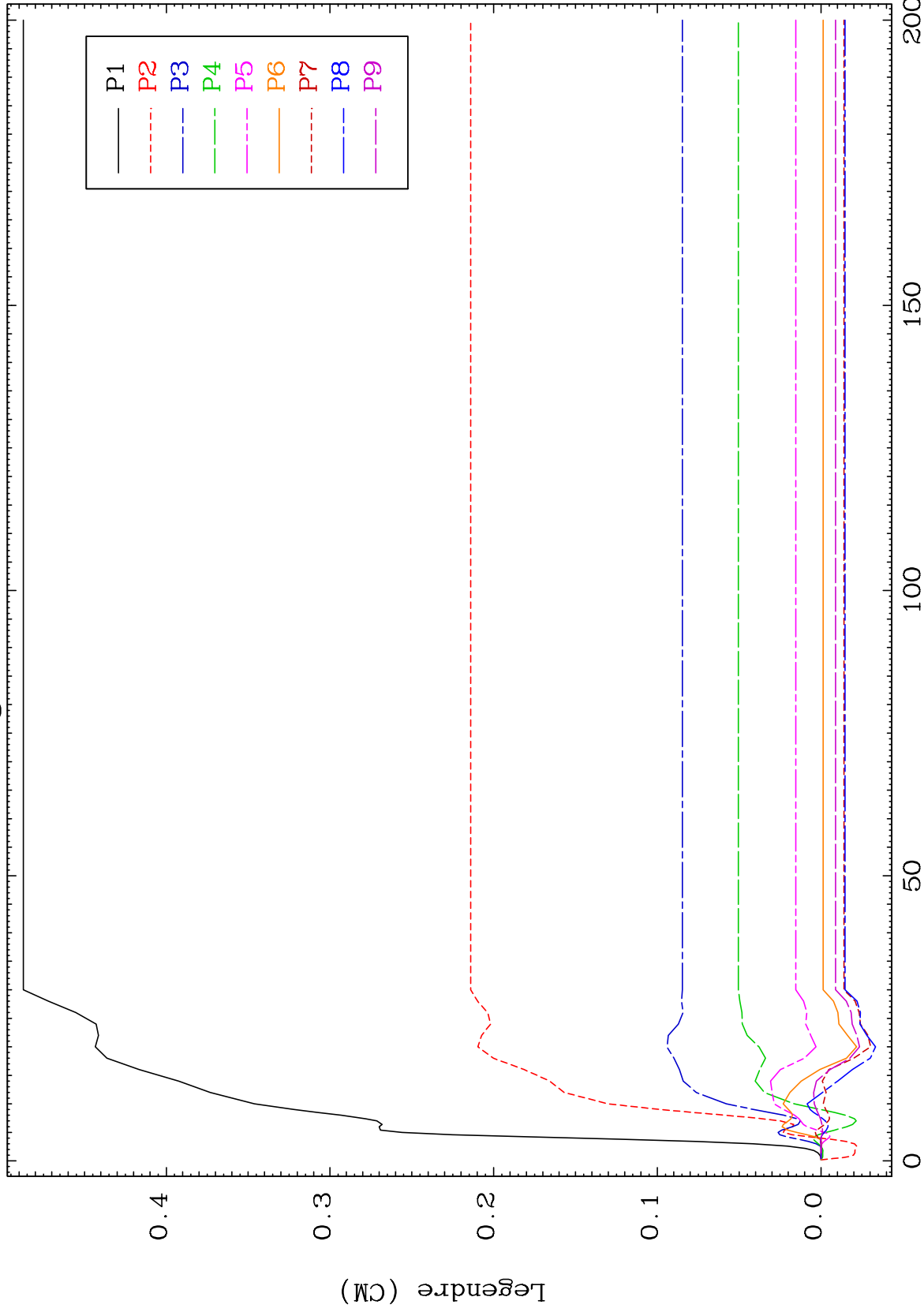
23



MAT 6816

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

68-Er-159



24

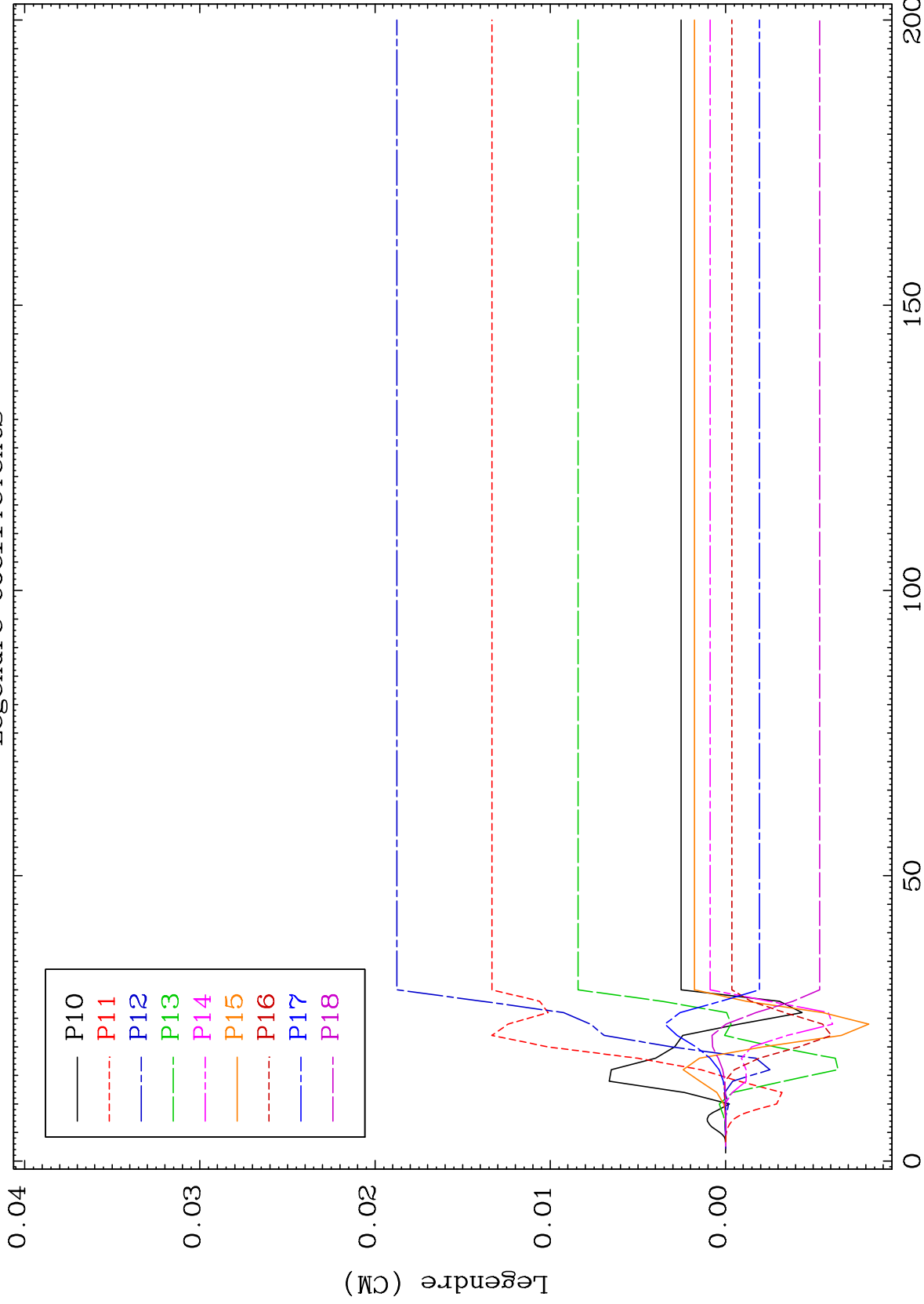
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



25

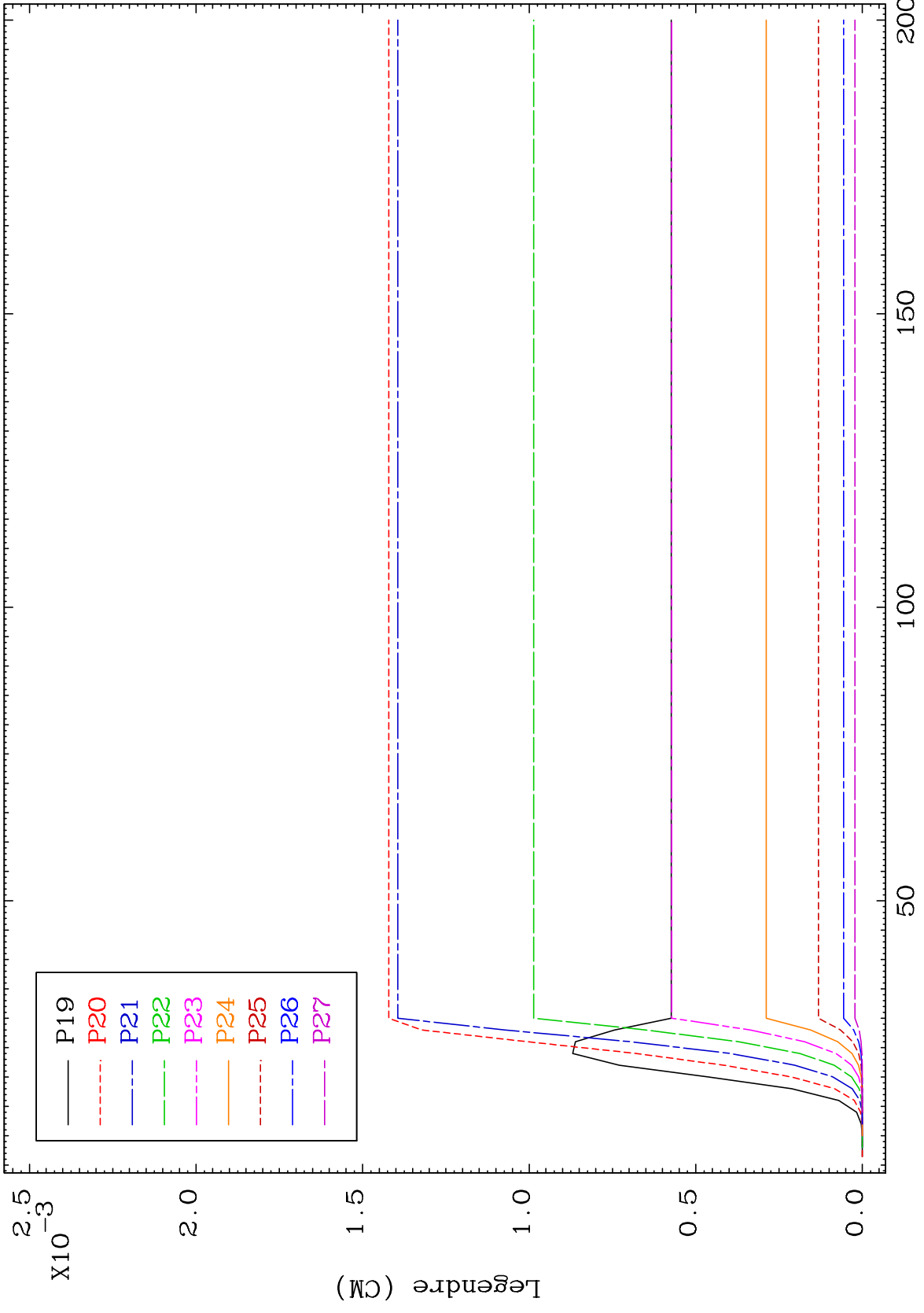
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



26

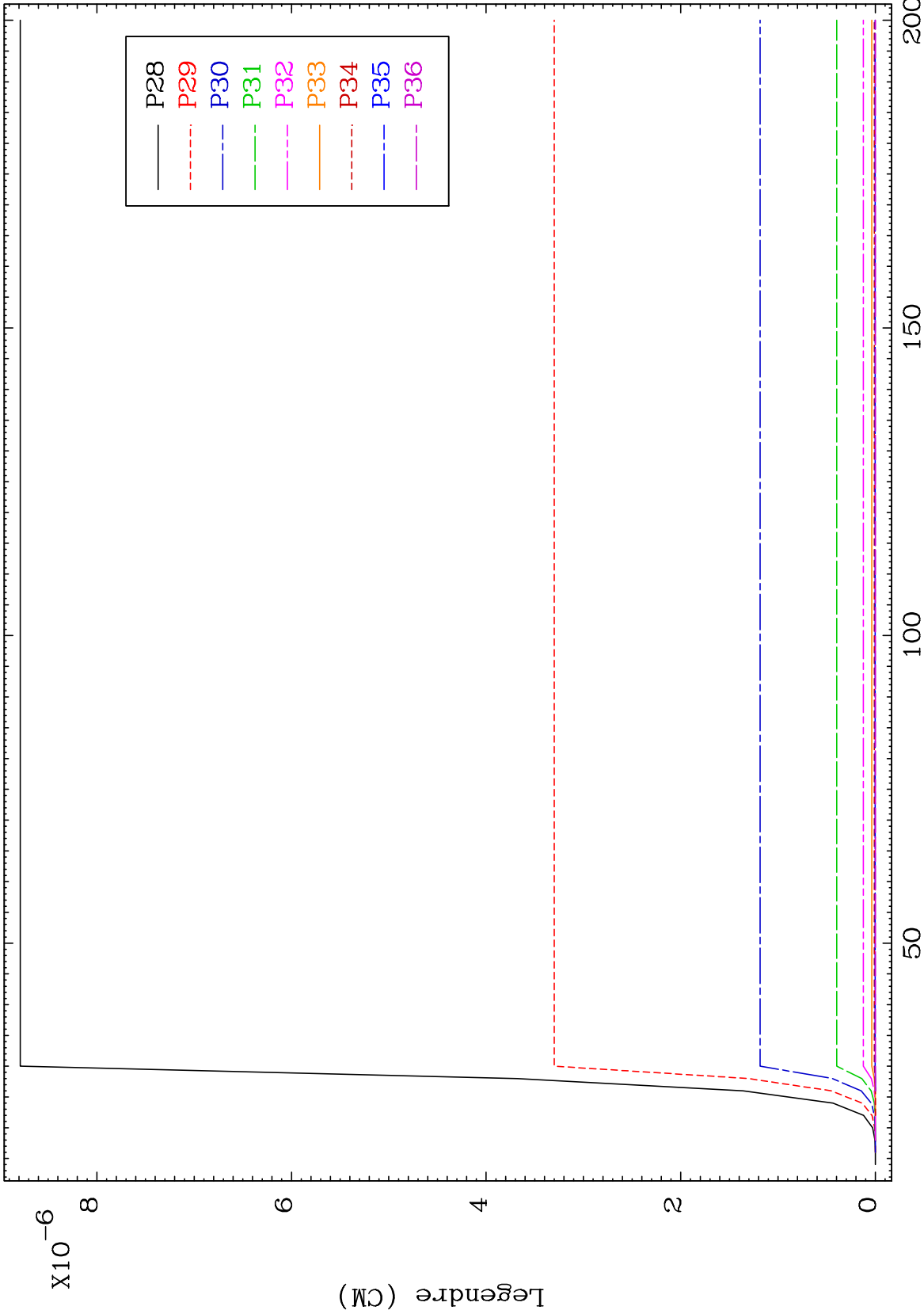
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



27

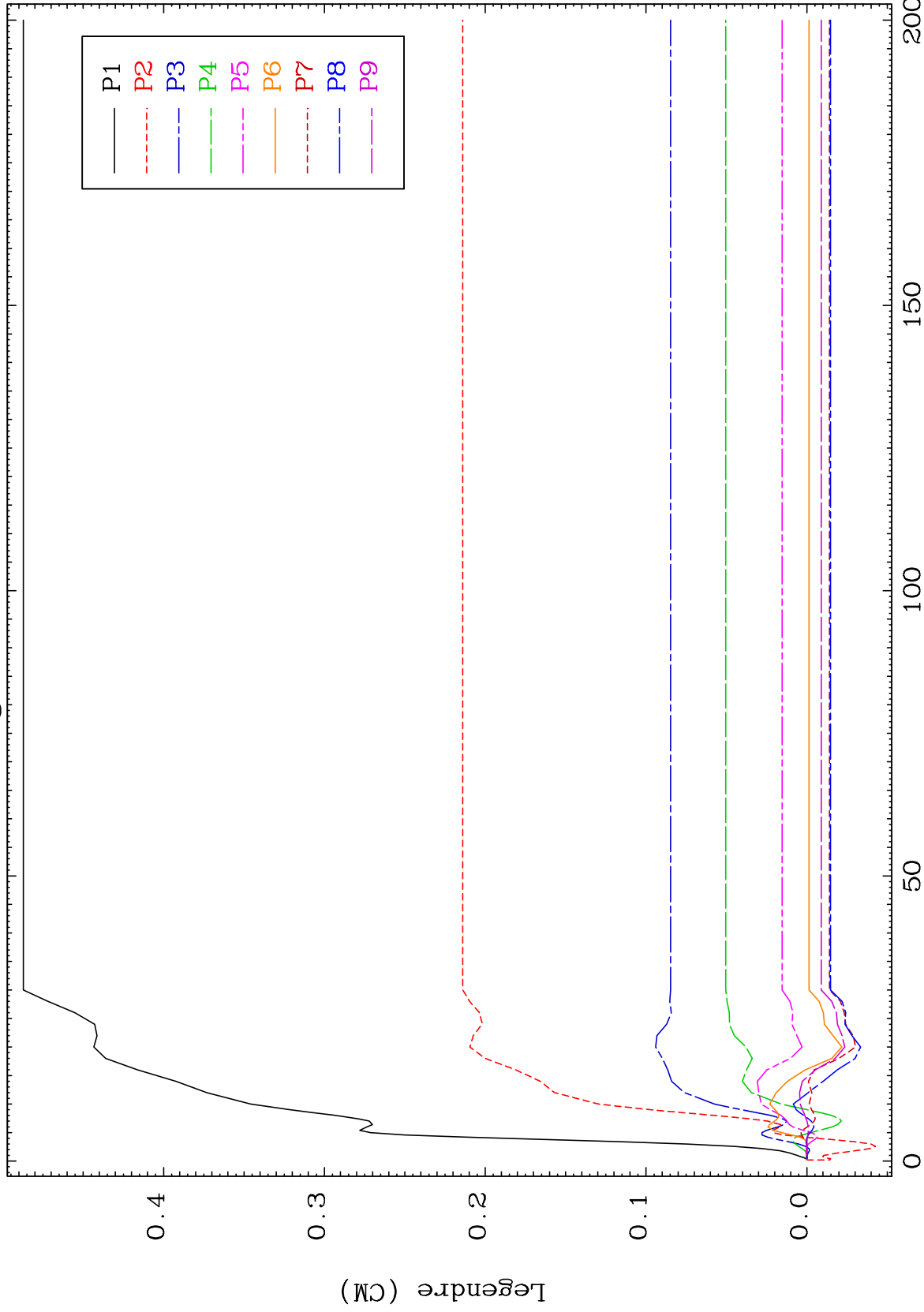
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



28

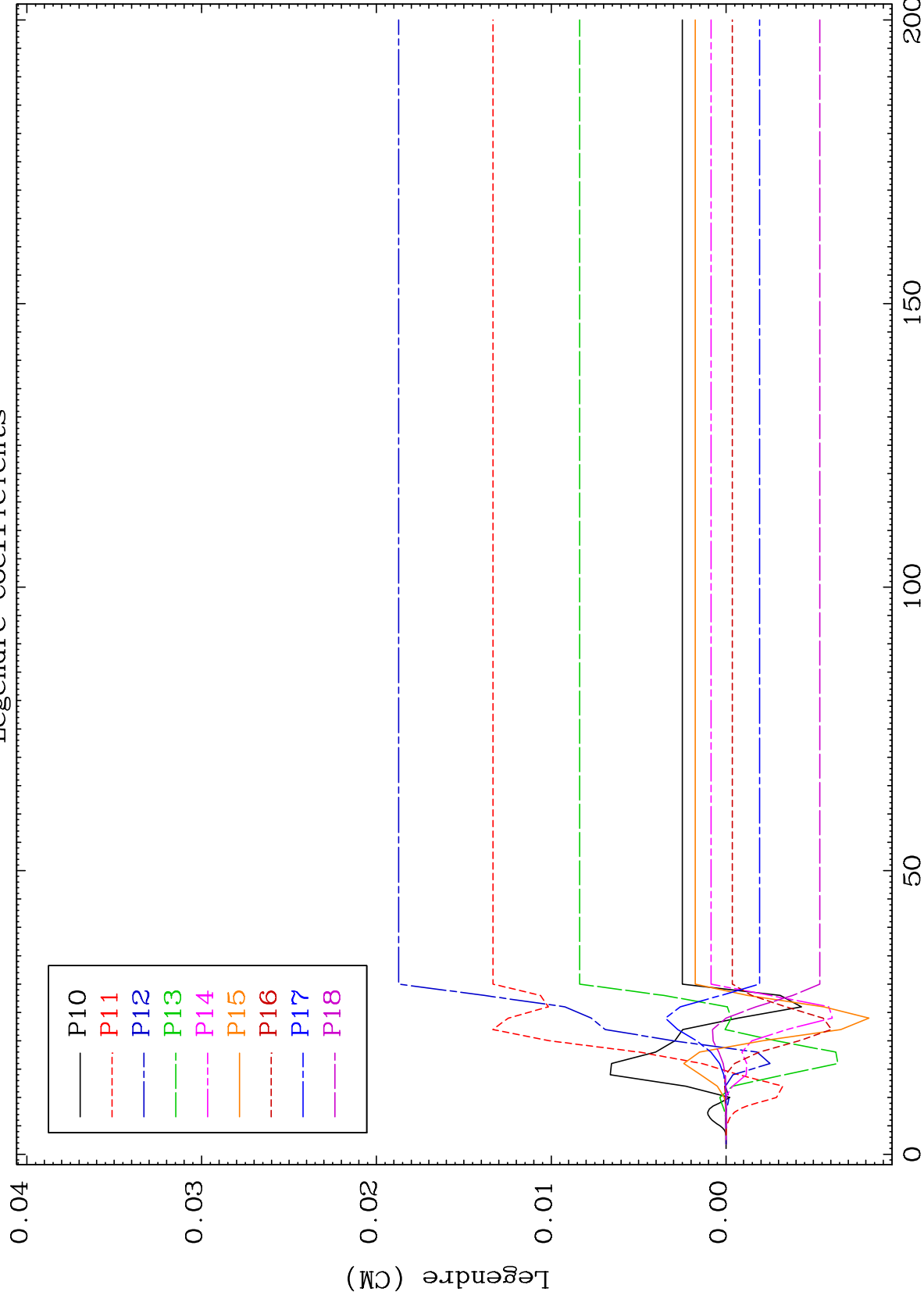
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



29

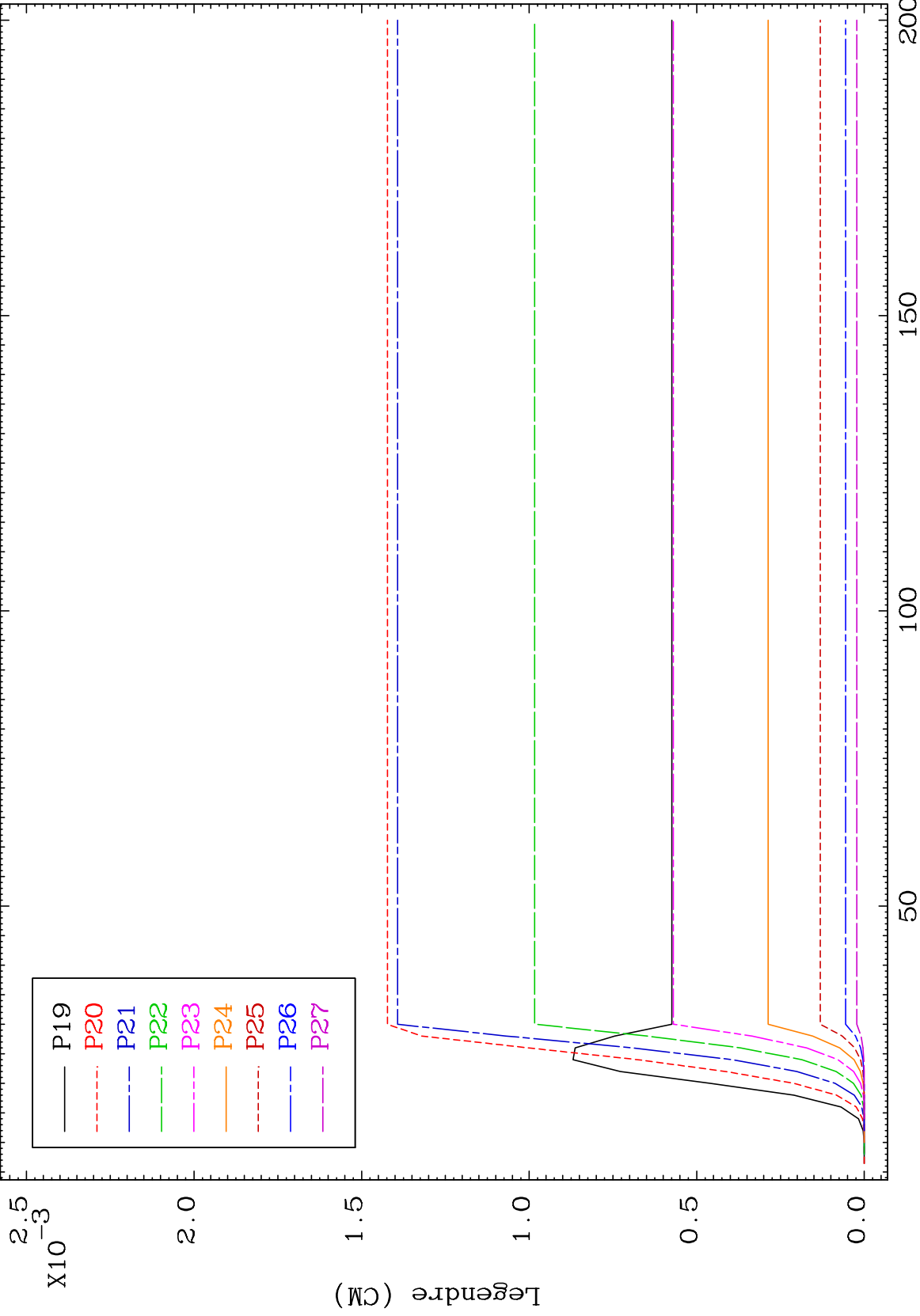
Incident Energy (MeV)

68-Er-159

MAT 6816

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

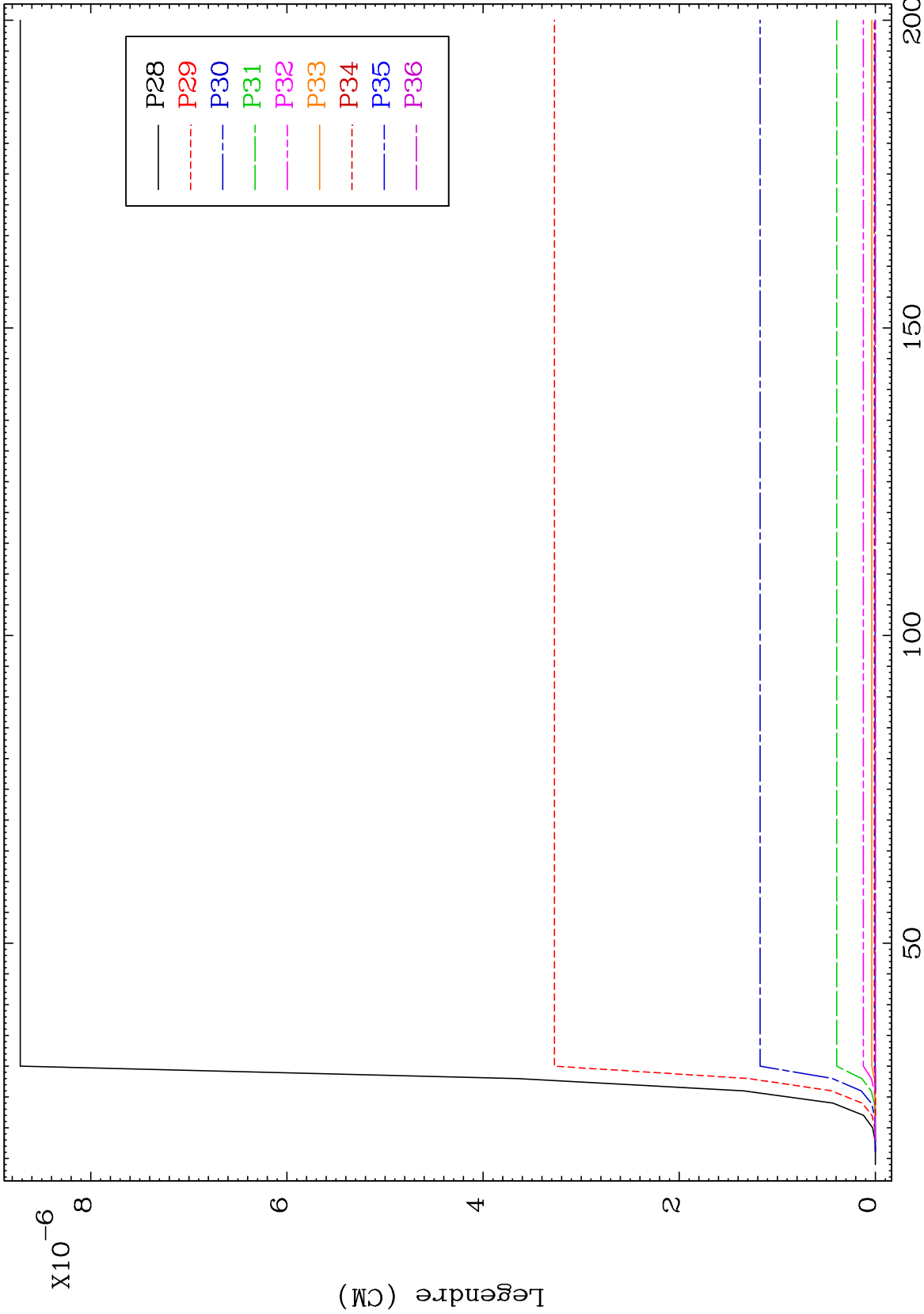
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30

Incident Energy (MeV)

68-Er-159

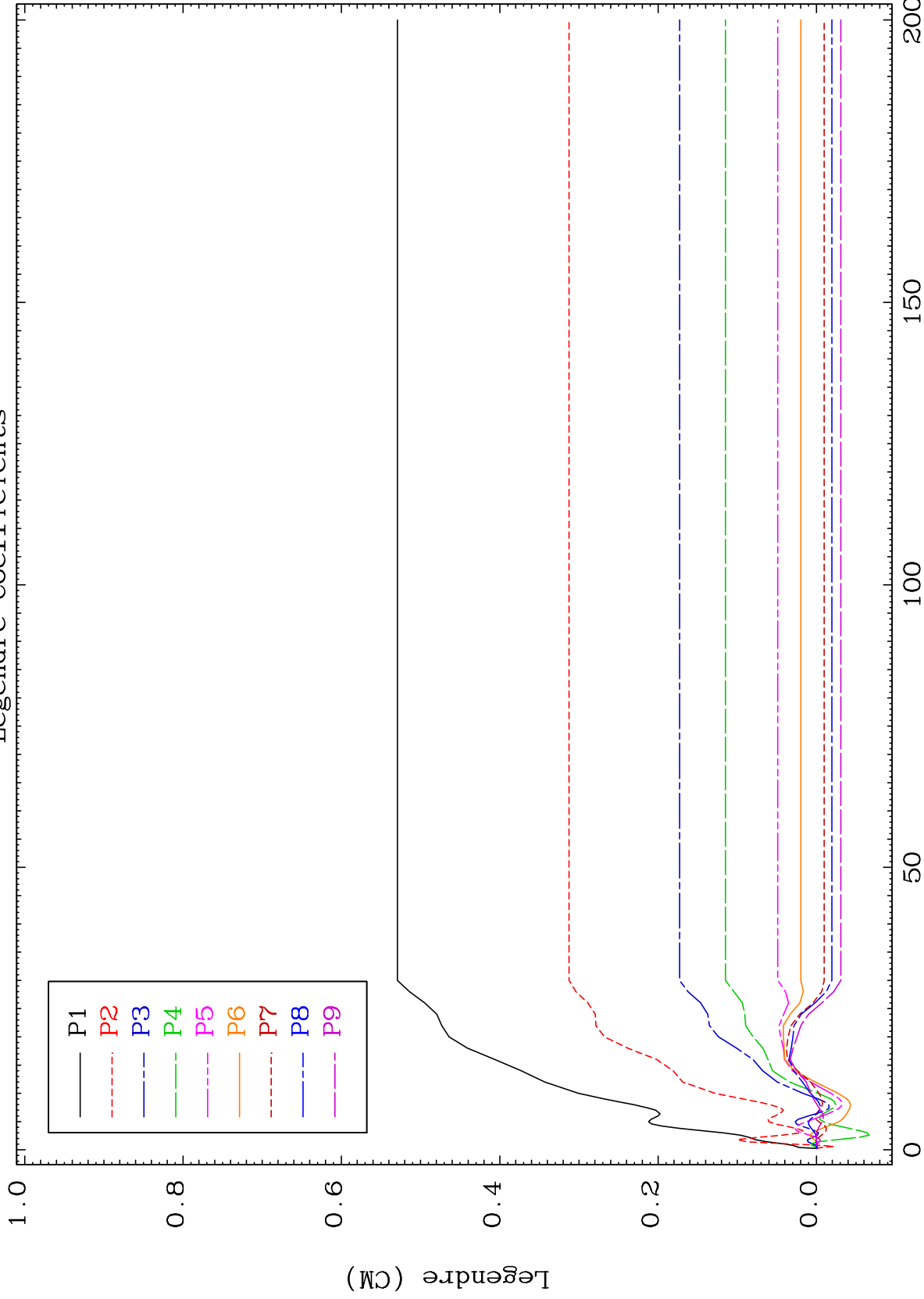




MAT 6816

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

68-Er-159



32

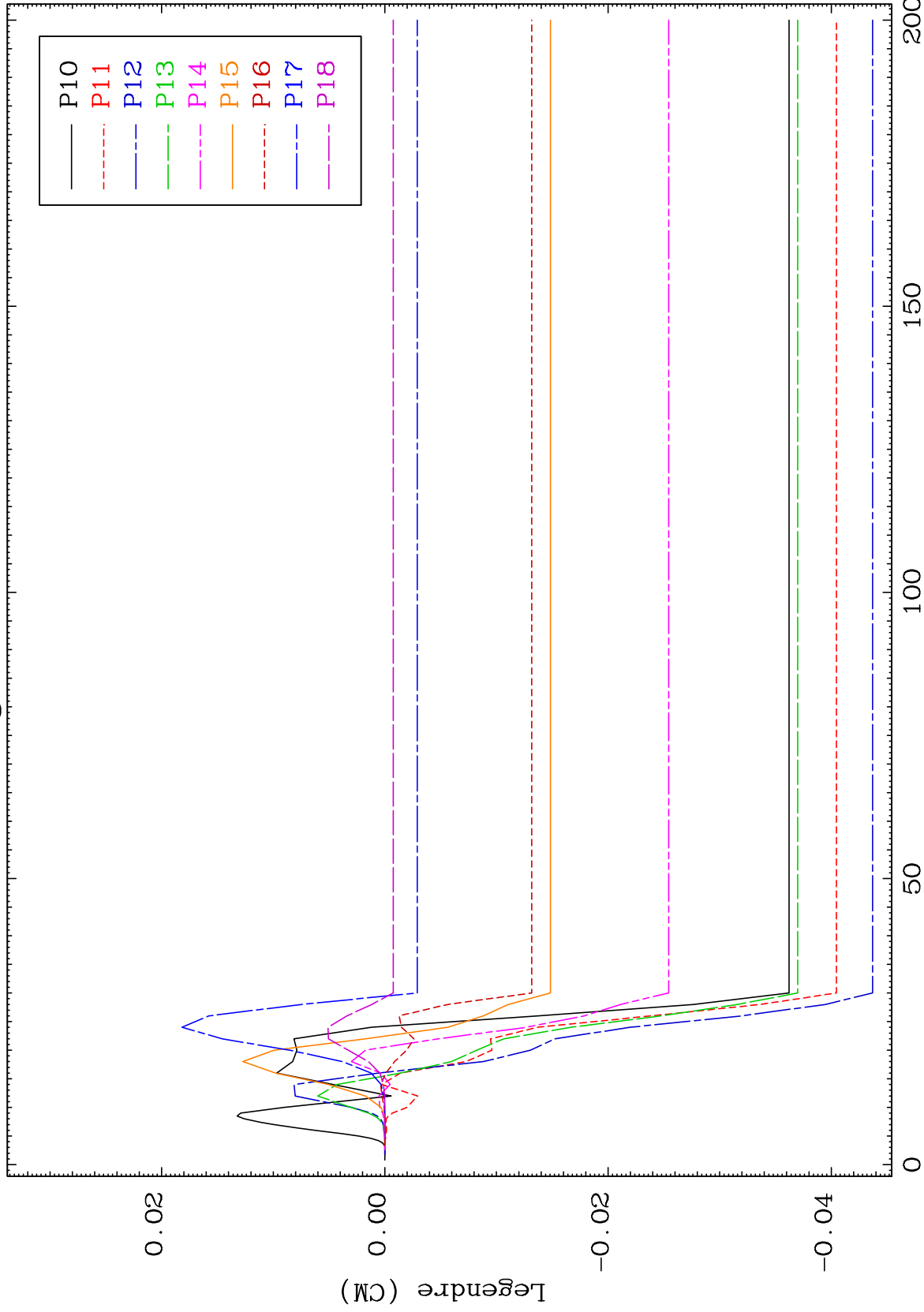
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



33

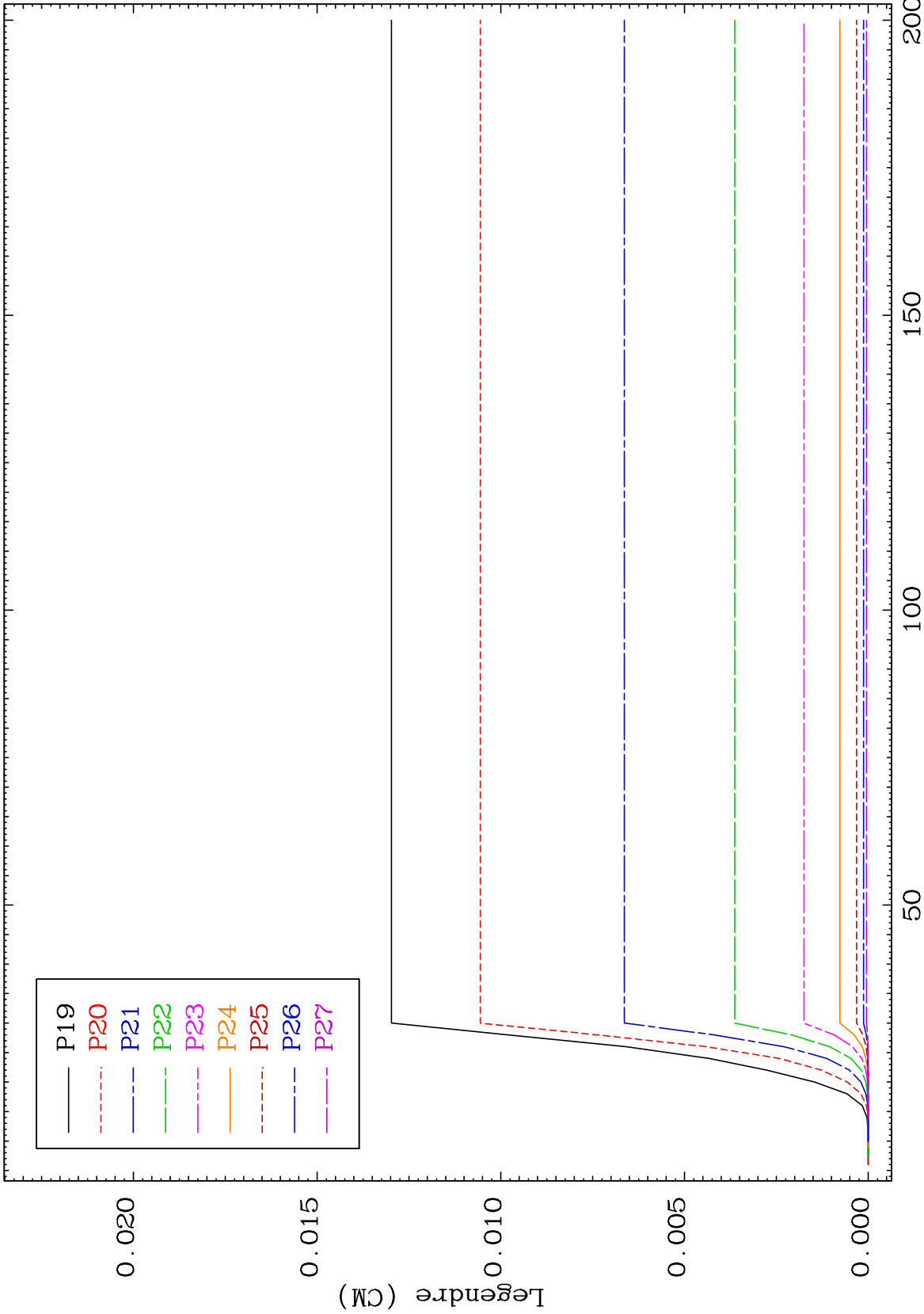
Incident Energy (MeV)

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MAT 6816

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

68-Er-159



34

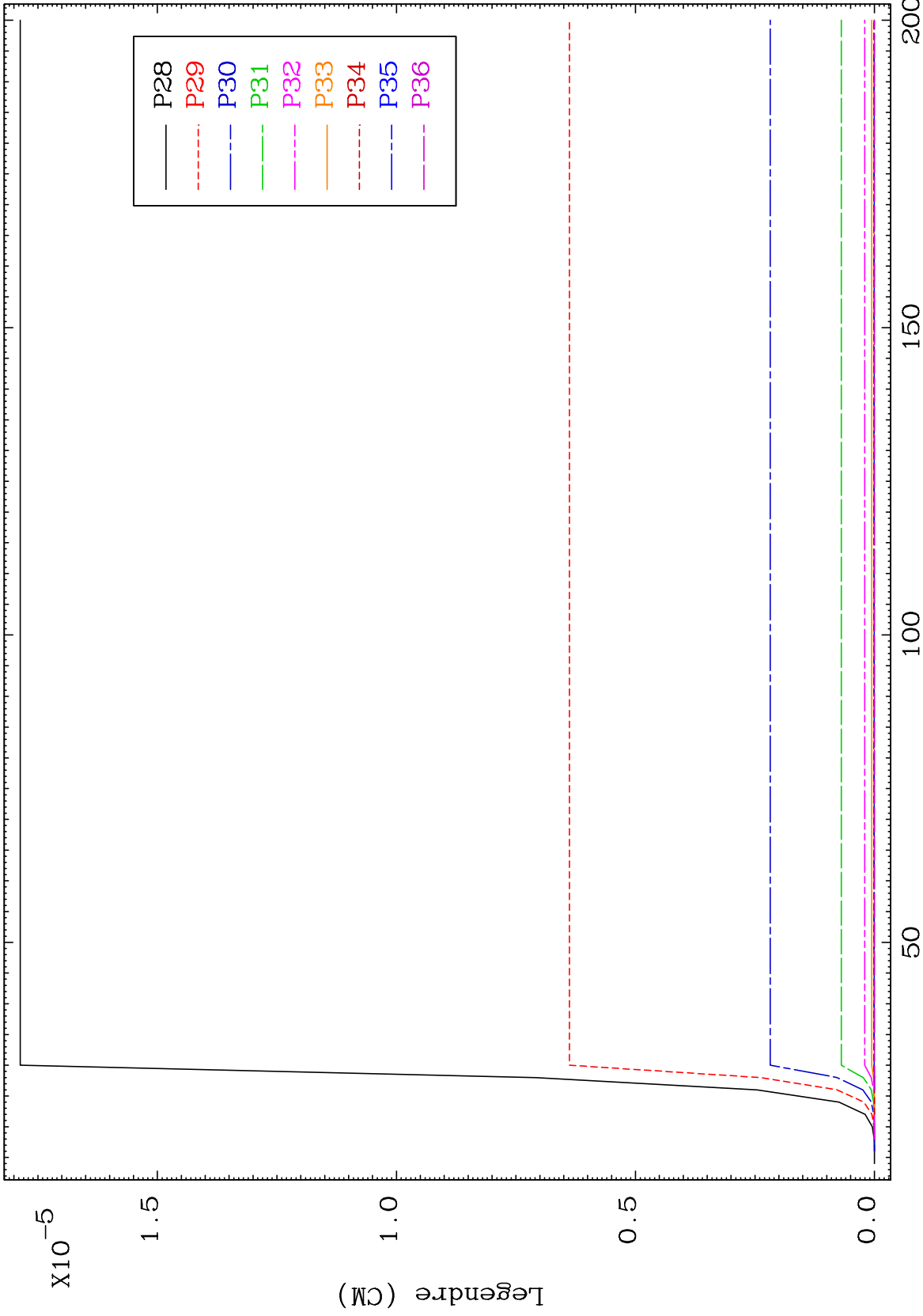
Incident Energy (MeV)

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MAT 6816

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

68-Er-159



35

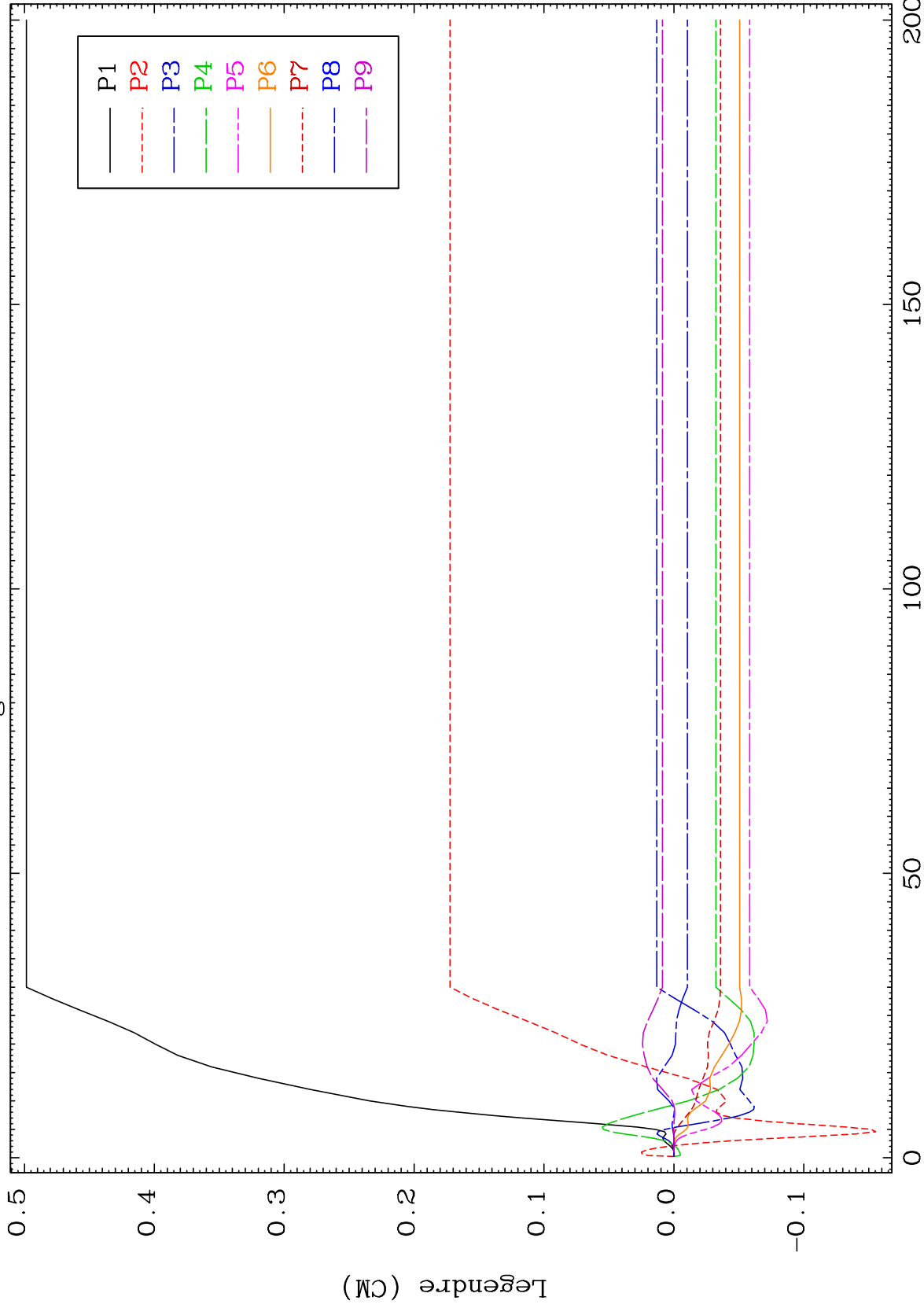
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



36

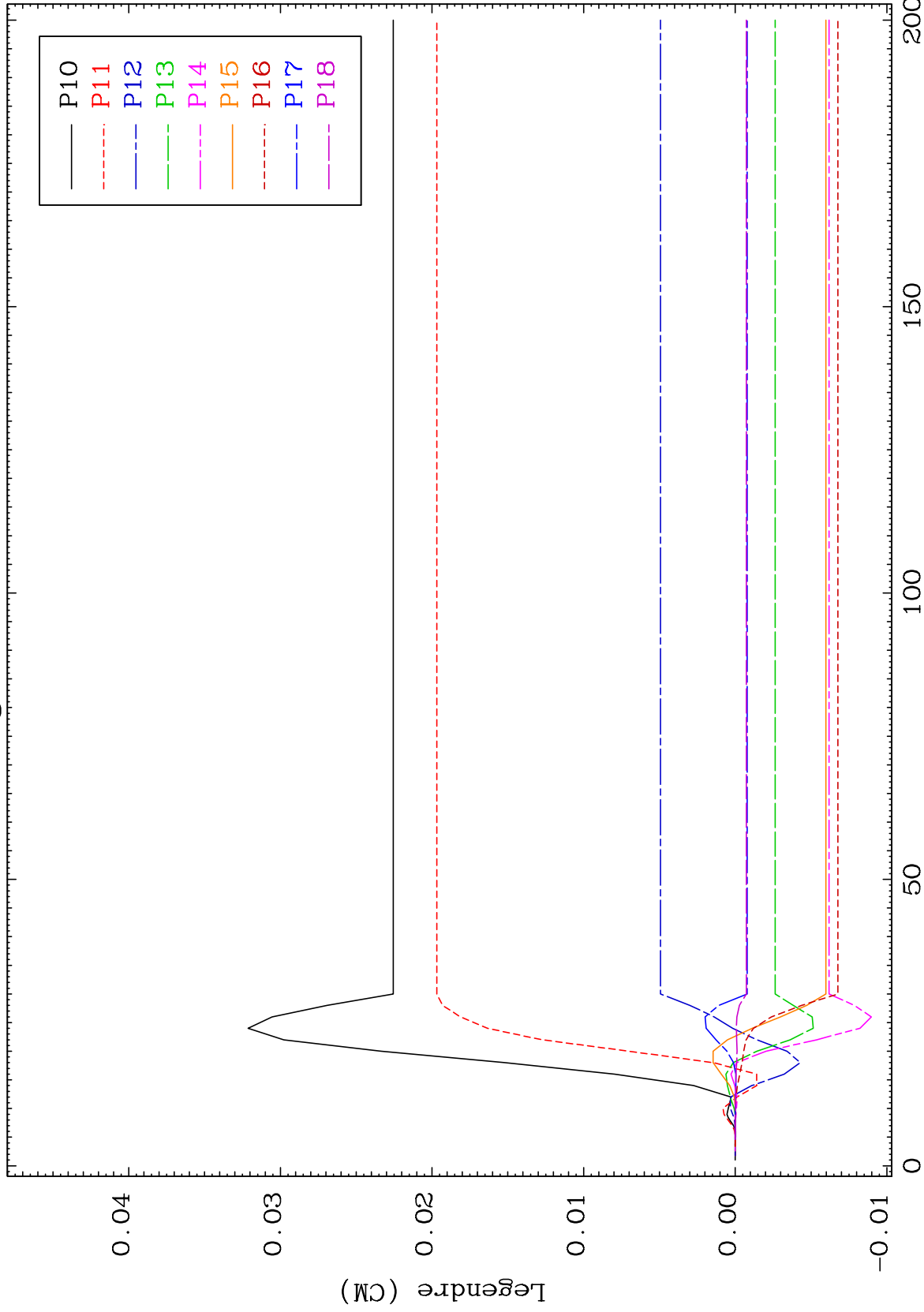
Incident Energy (MeV)

68-Er-159

MAT 6816

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

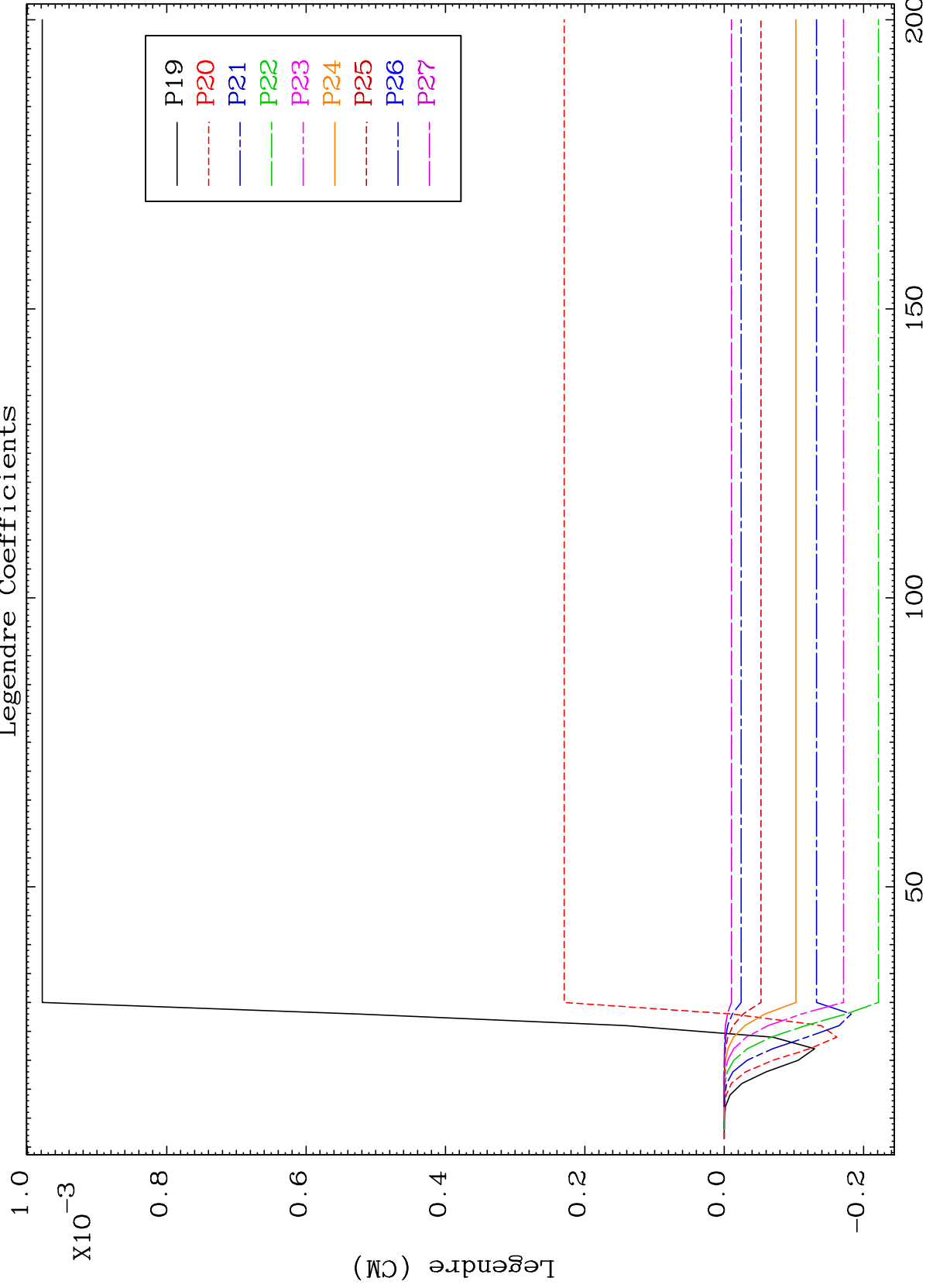
68-Er-159



37

Incident Energy (MeV)

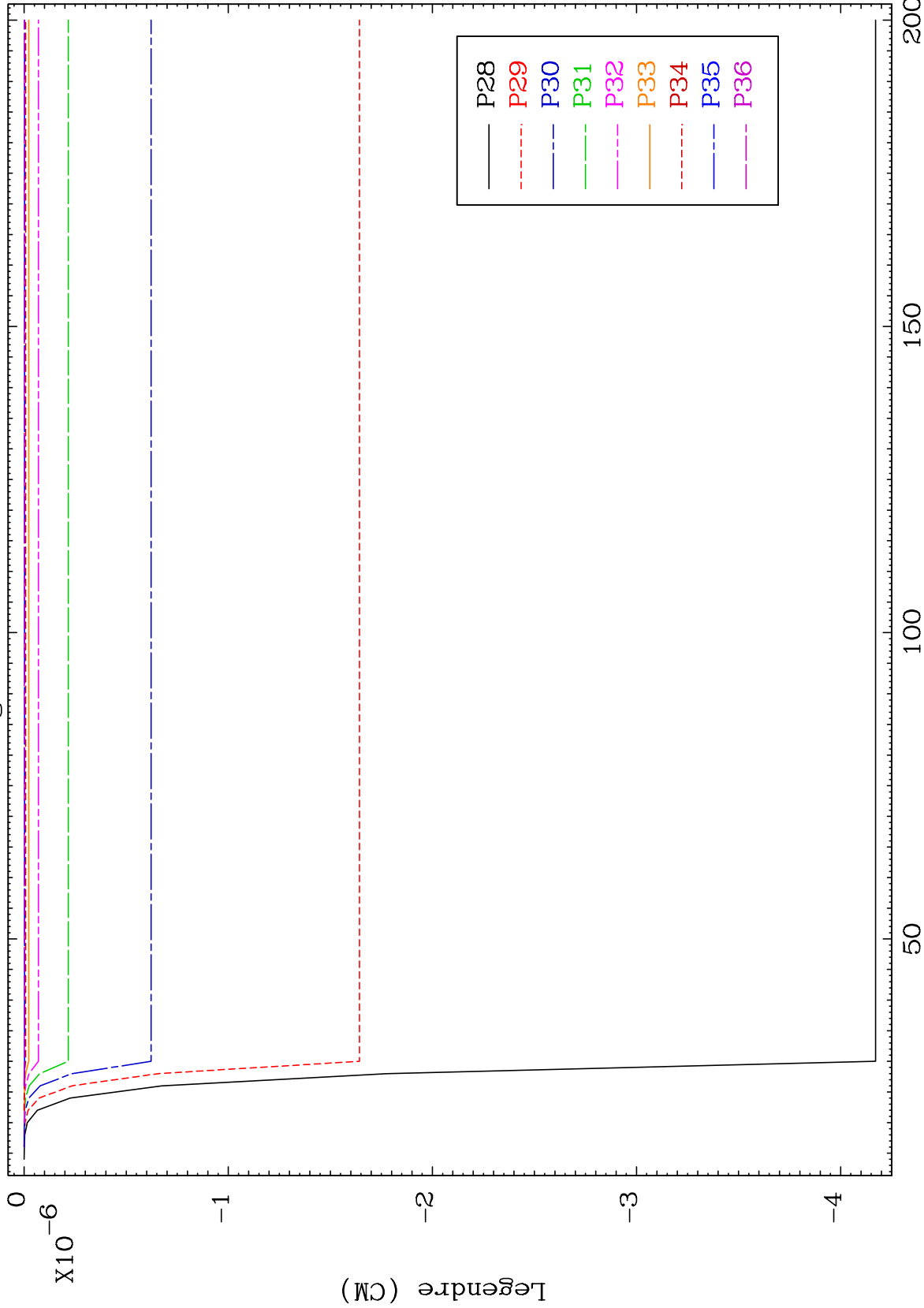
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MAT 6816

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

68-Er-159



39

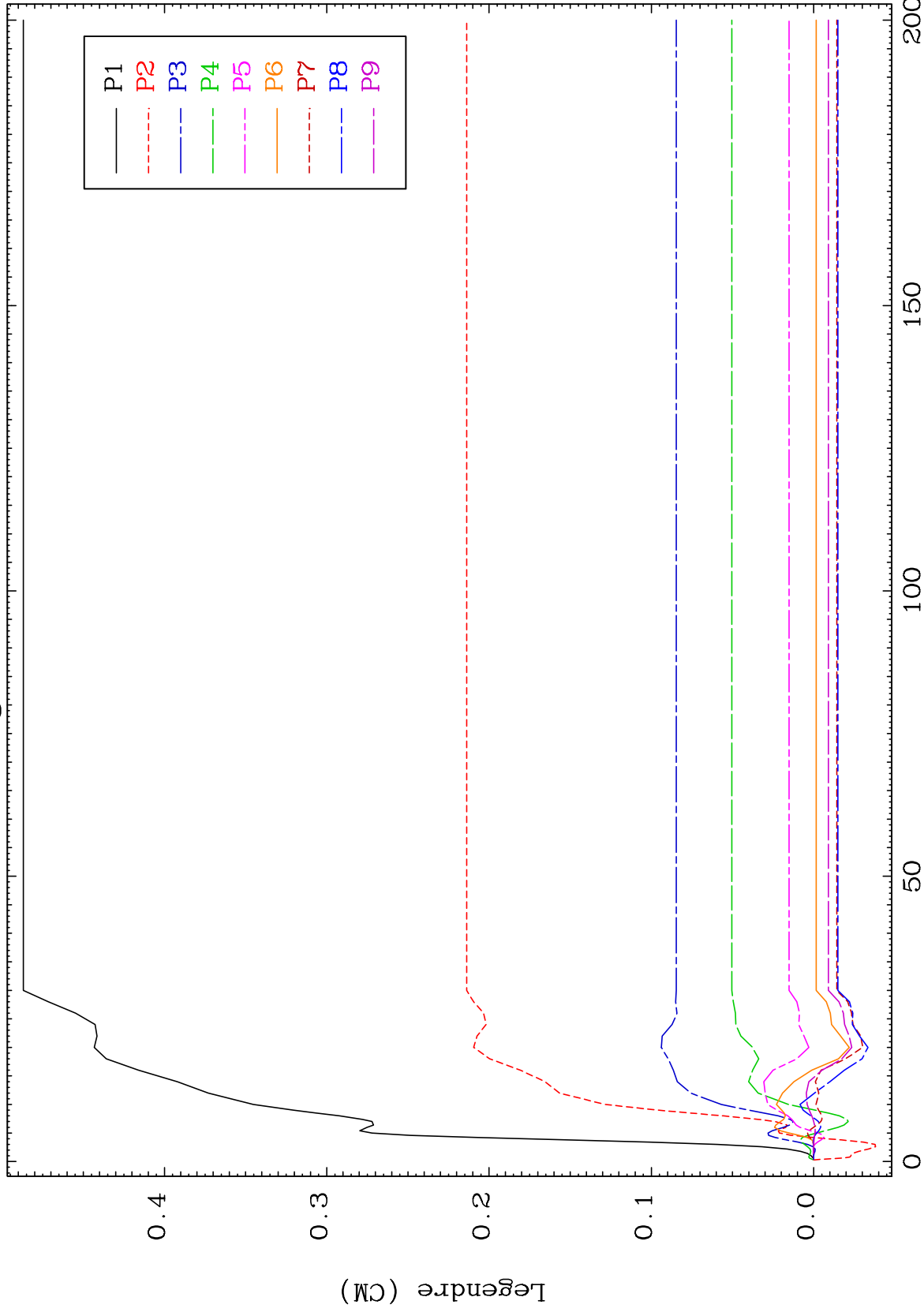
68-Er-159



MAT 6816

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

68-Er-159

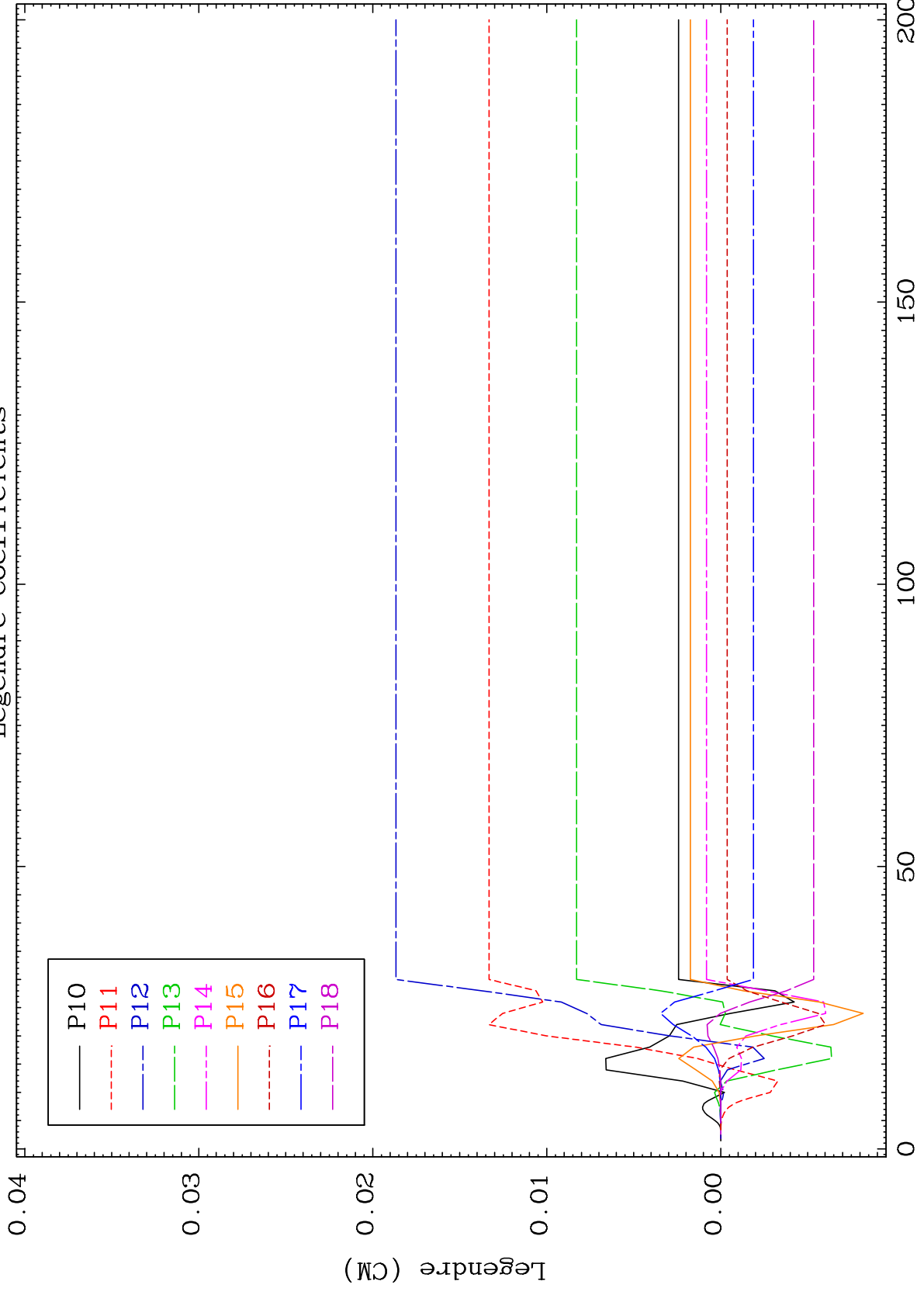


68-Er-159

Incident Energy (MeV)

40

MAT 6816 MT= 56 (n,n') Level Legendre Coefficients 68-Er-159

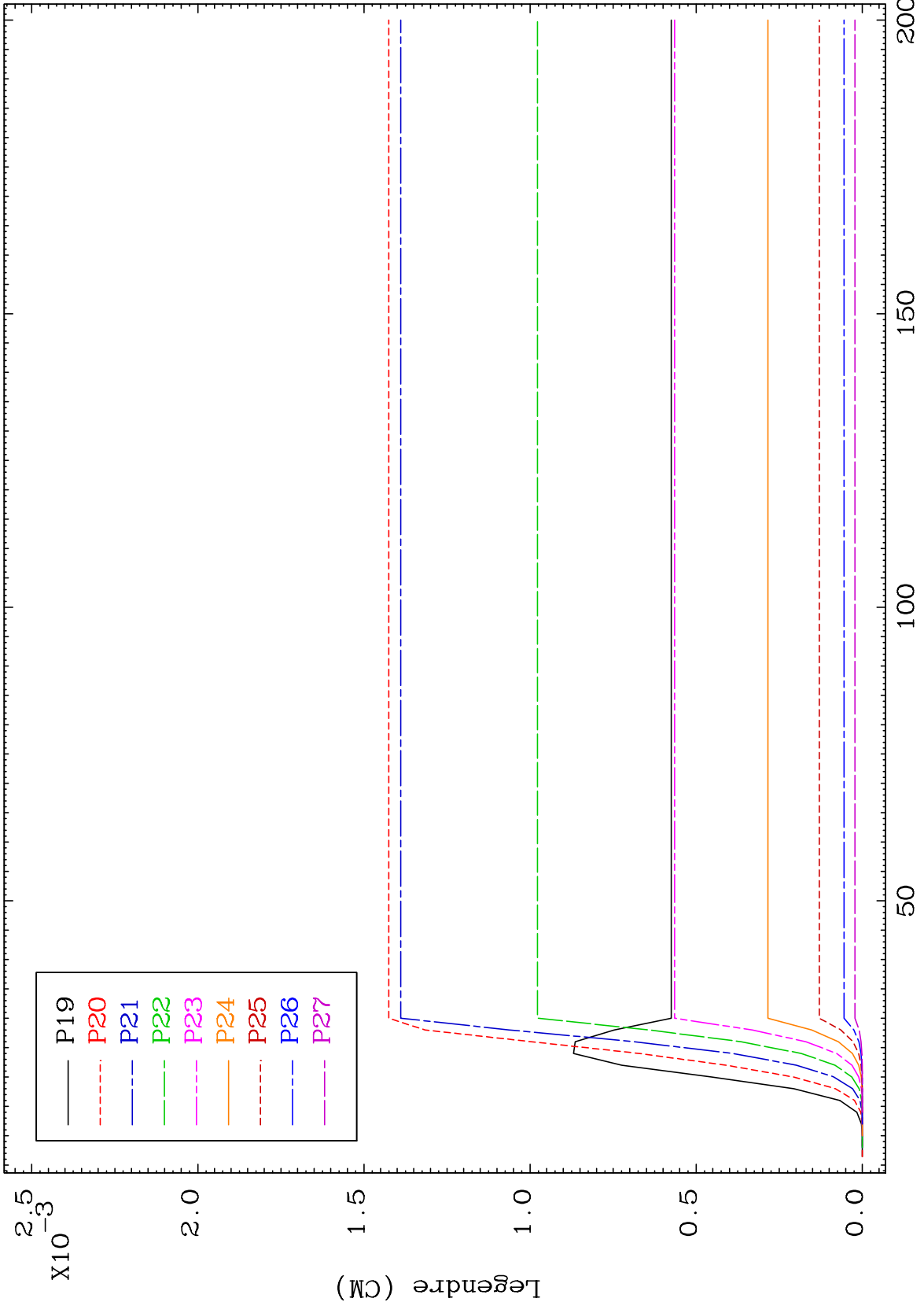


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MAT 6816

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

68-Er-159



42

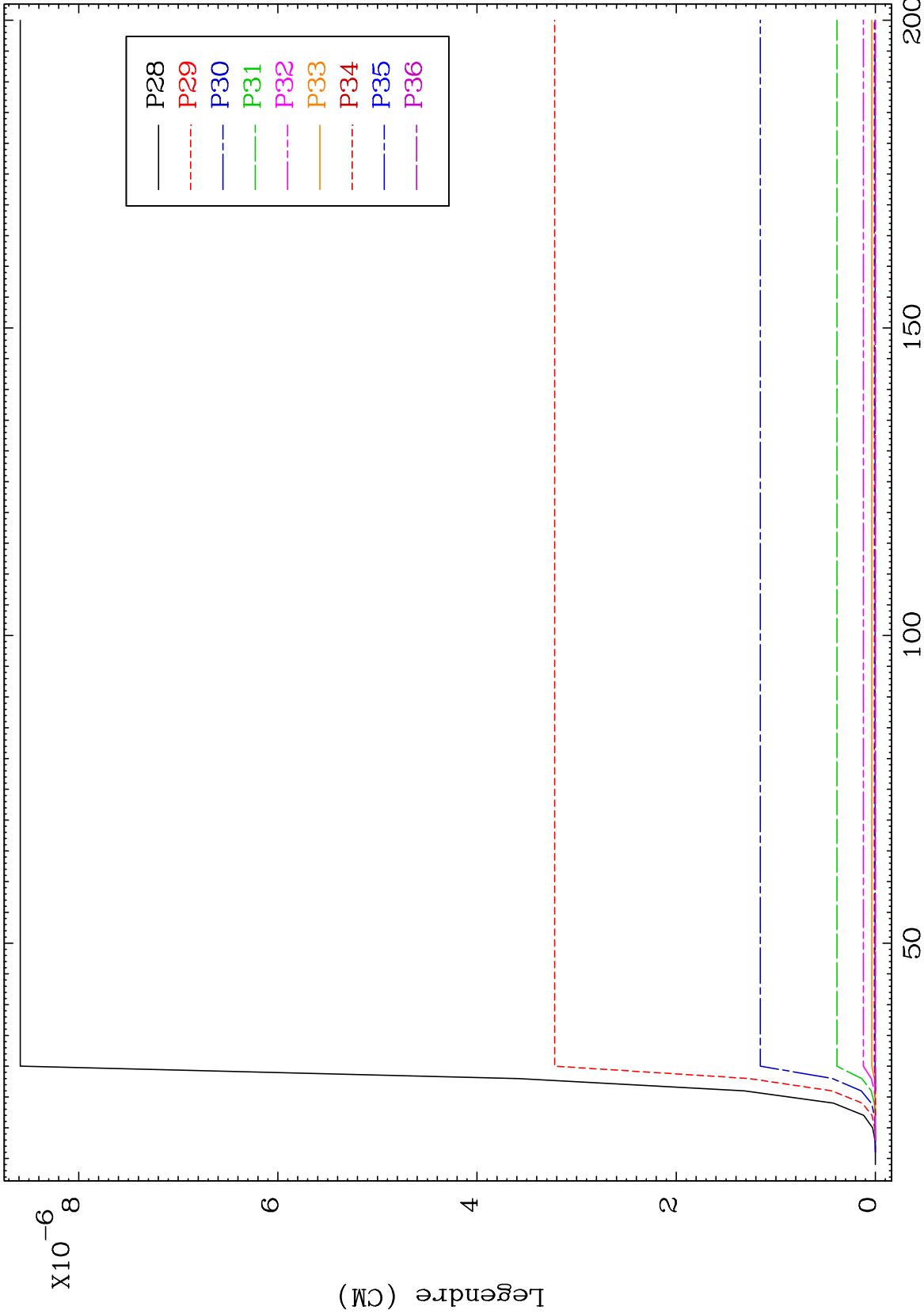
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



43

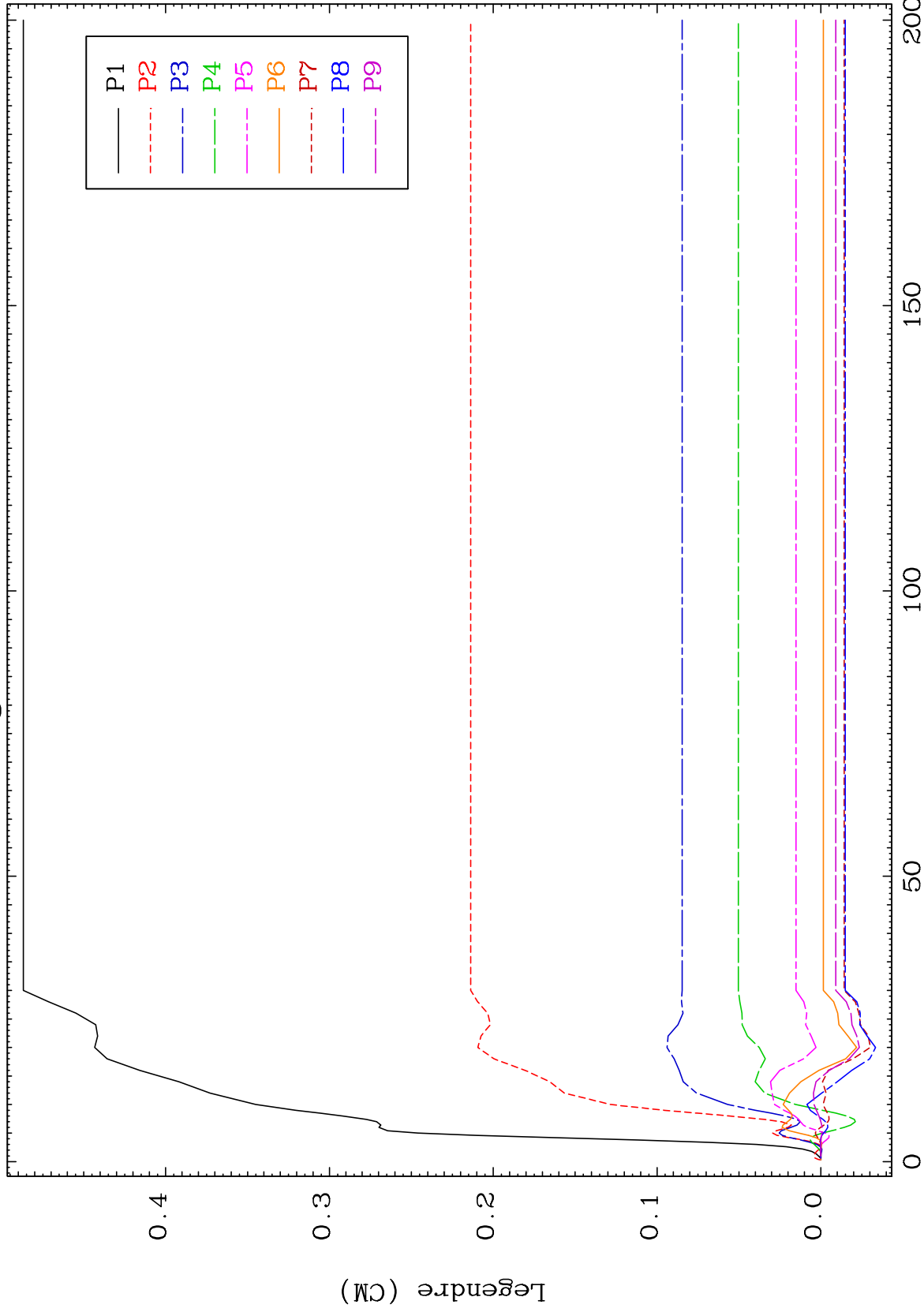
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159

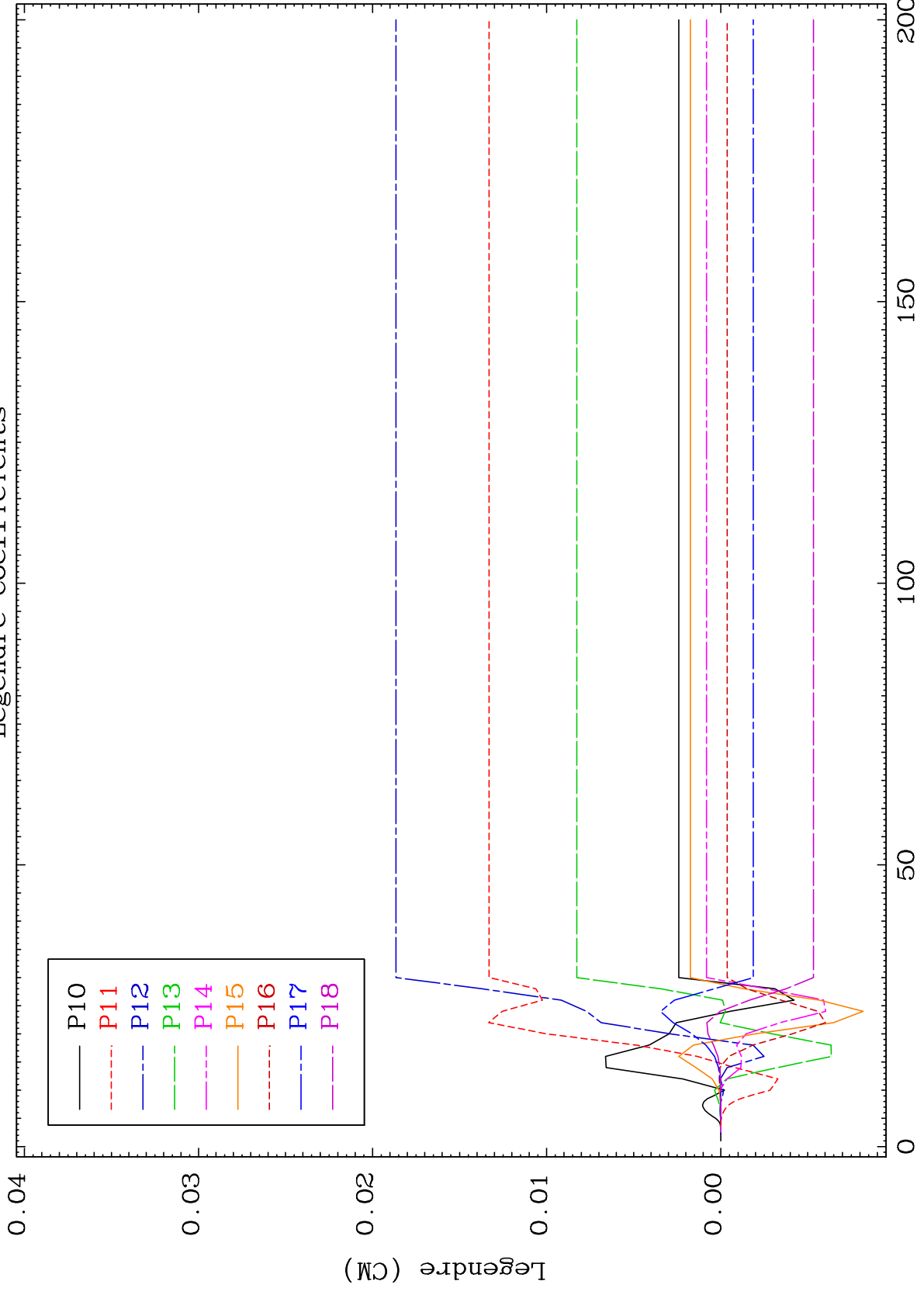


44

Incident Energy (MeV)

68-Er-159

MAT 6816 MT= 57 (n,n') Level Legendre Coefficients 68-Er-159

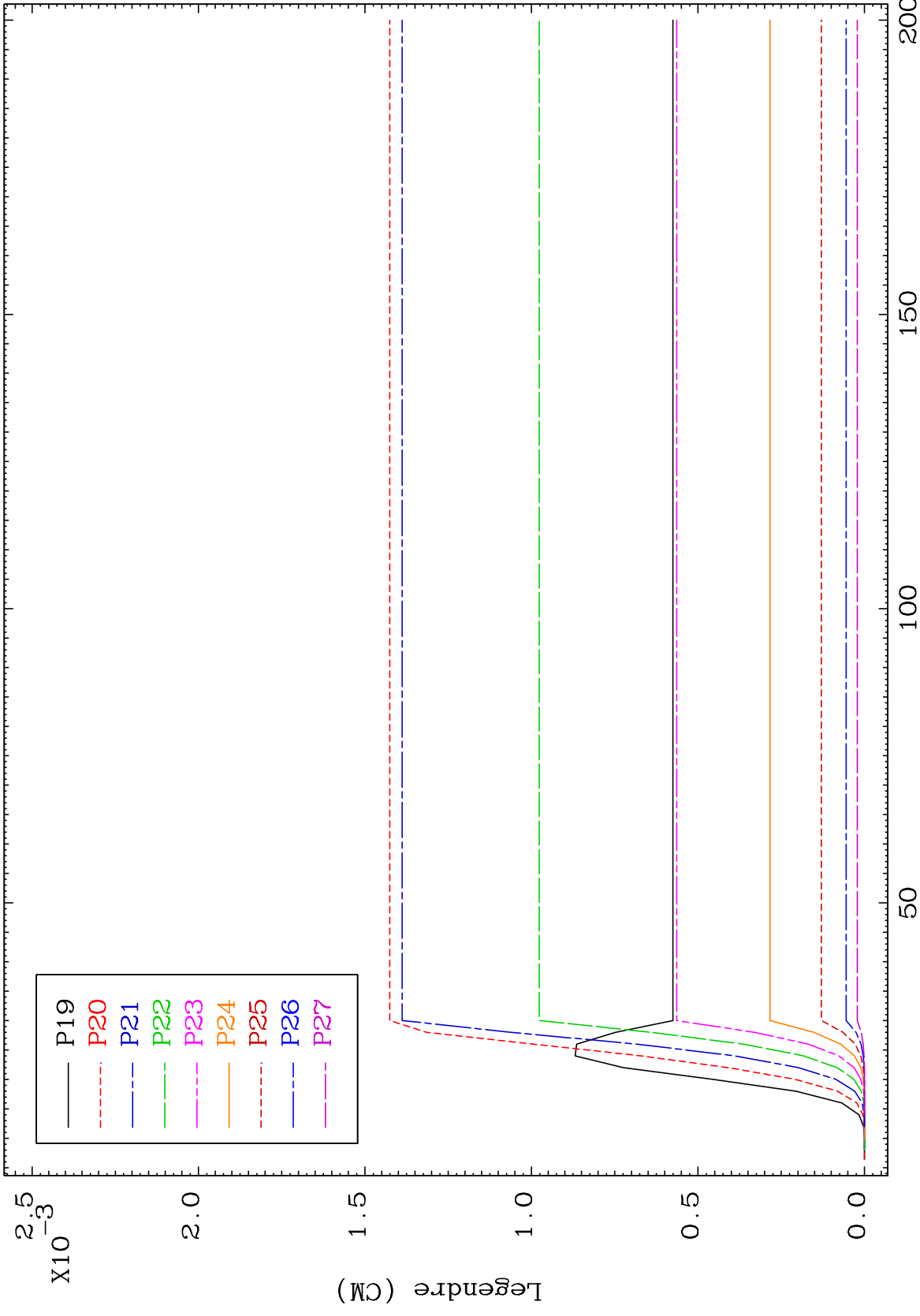


Legendre (CM) Incident Energy (MeV) 68-Er-159

MAT 6816

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

68-Er-159



46

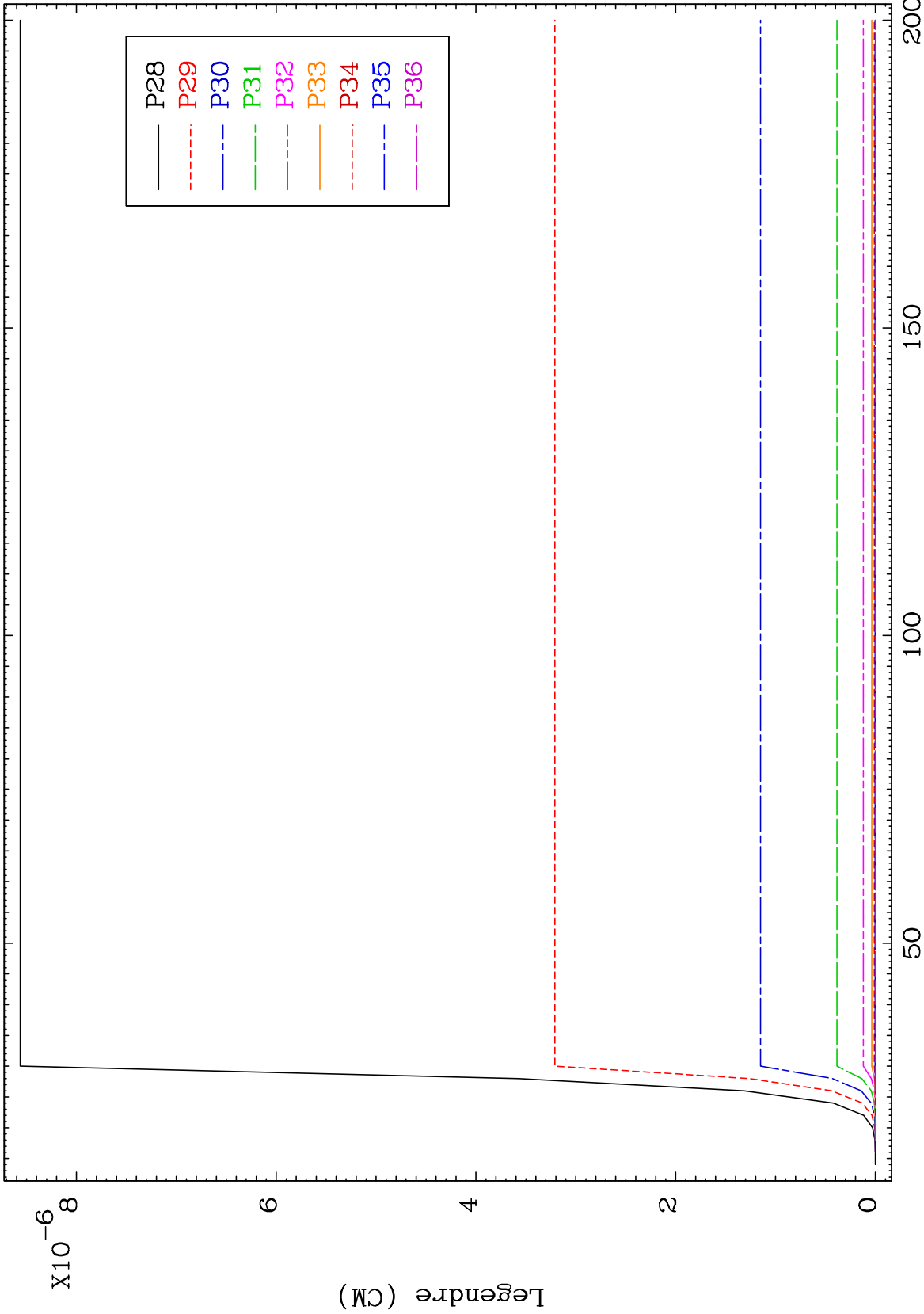
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



47

Incident Energy (MeV)

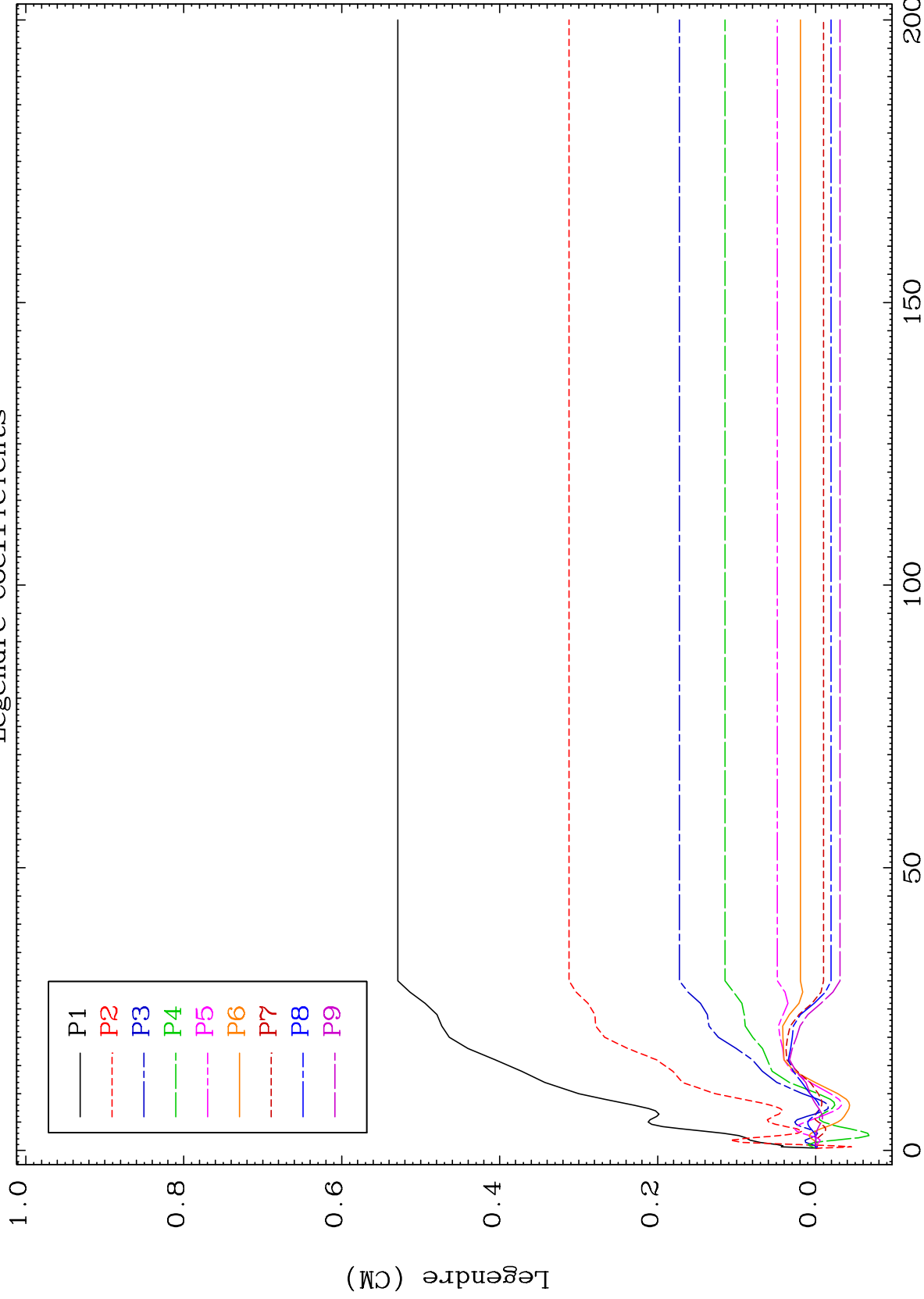
68-Er-159



MAT 6816

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

68-Er-159



48

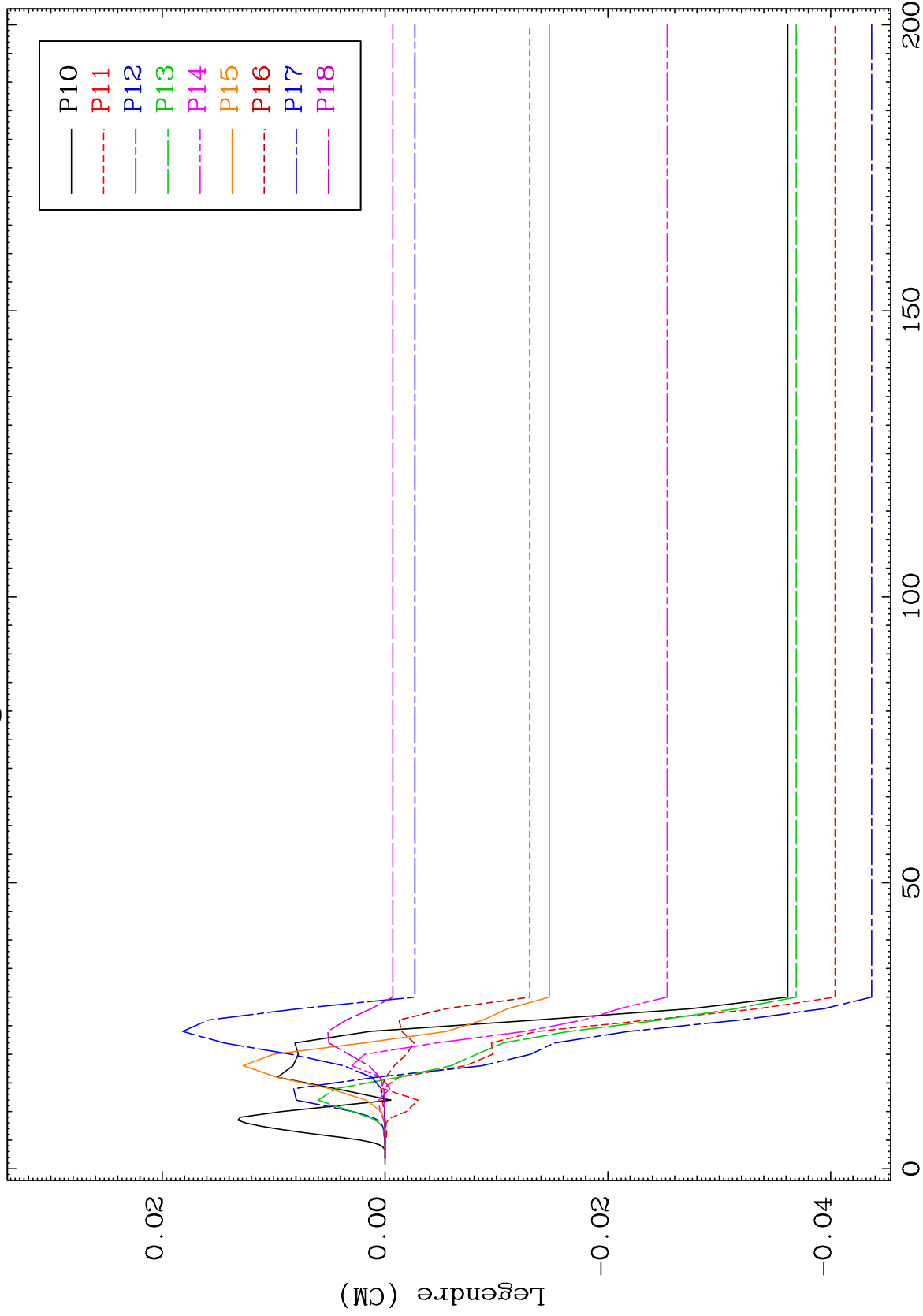
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



49

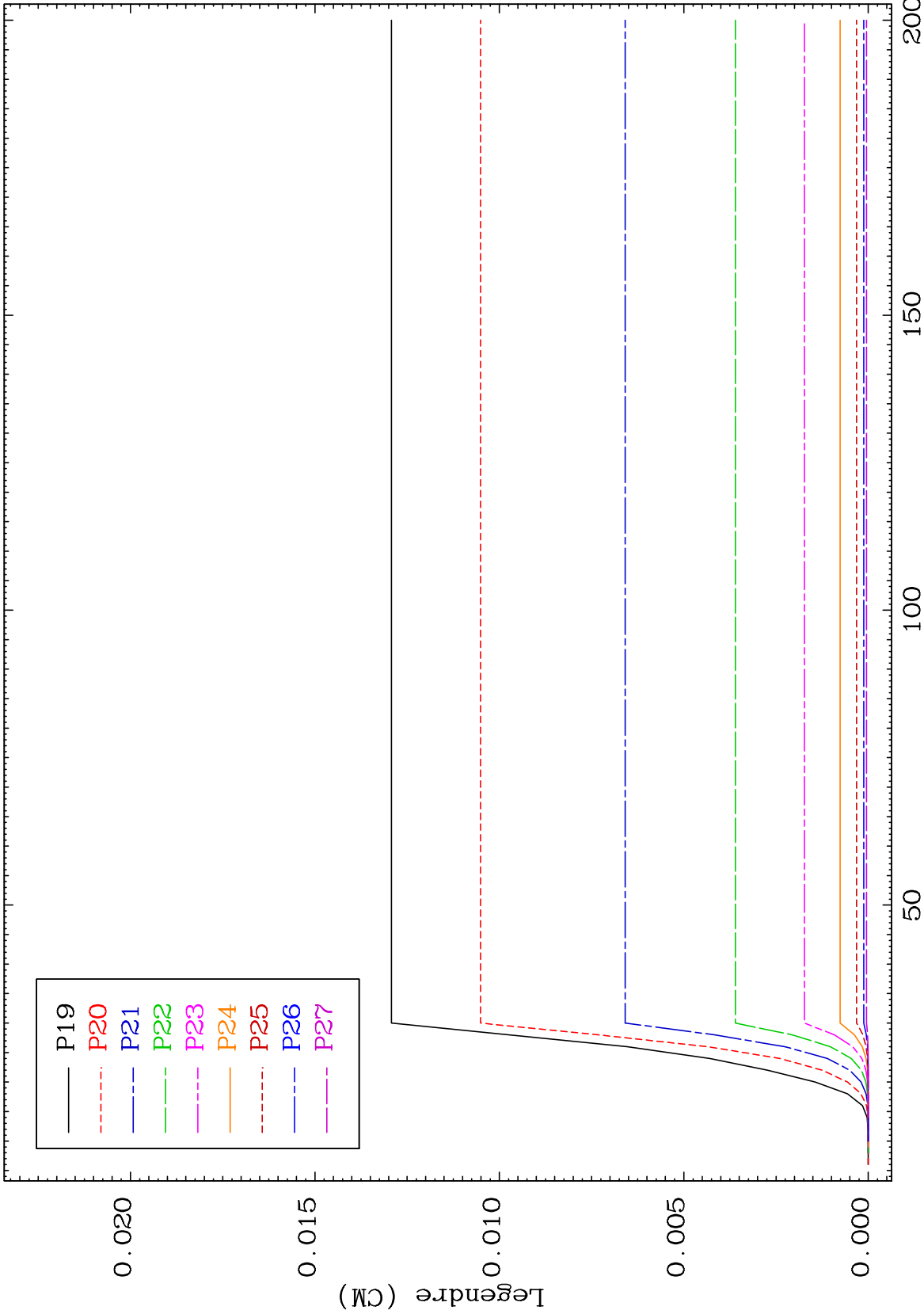
Incident Energy (MeV)

68-Er-159

MAT 6816

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

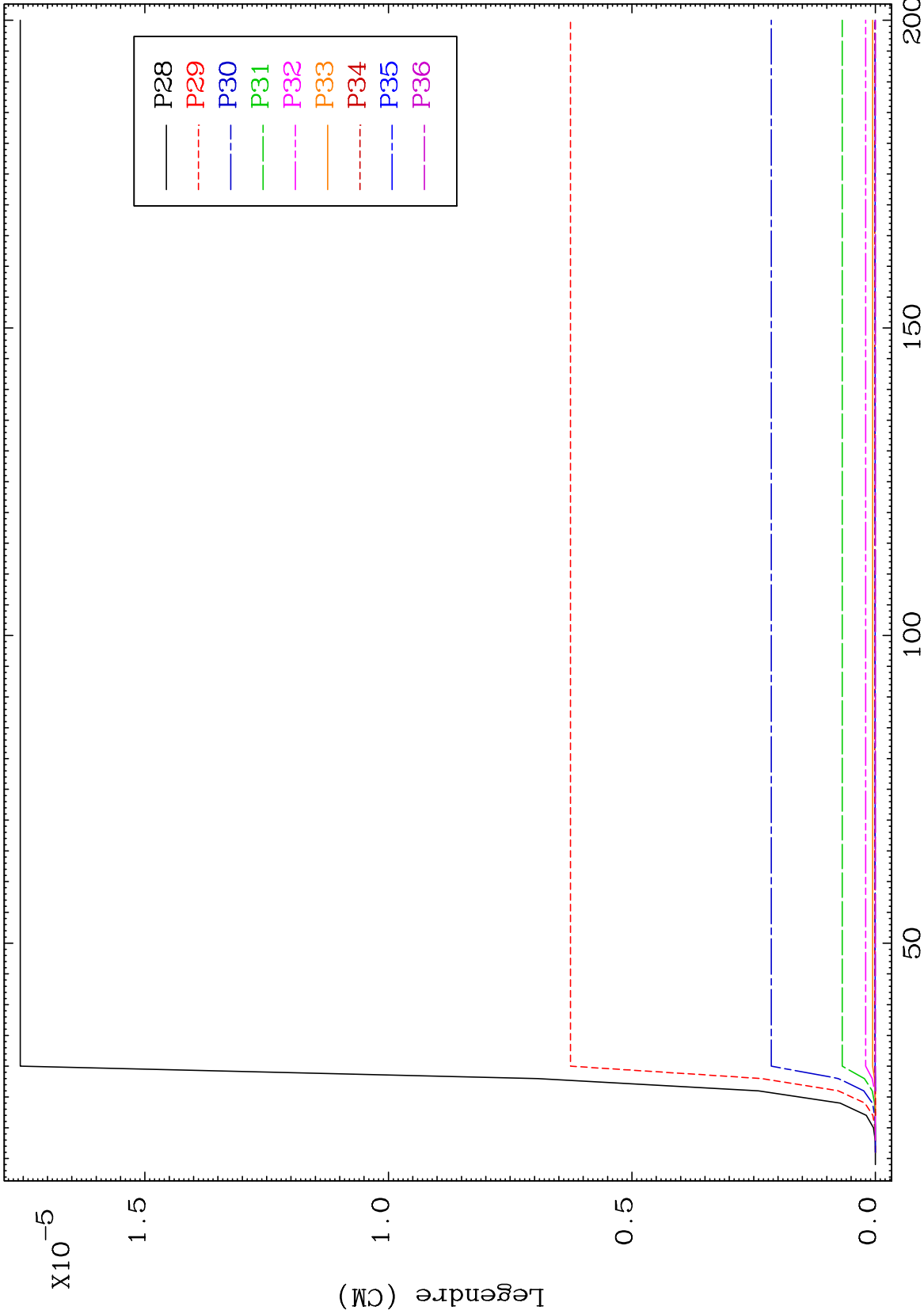
68-Er-159



50

Incident Energy (MeV)

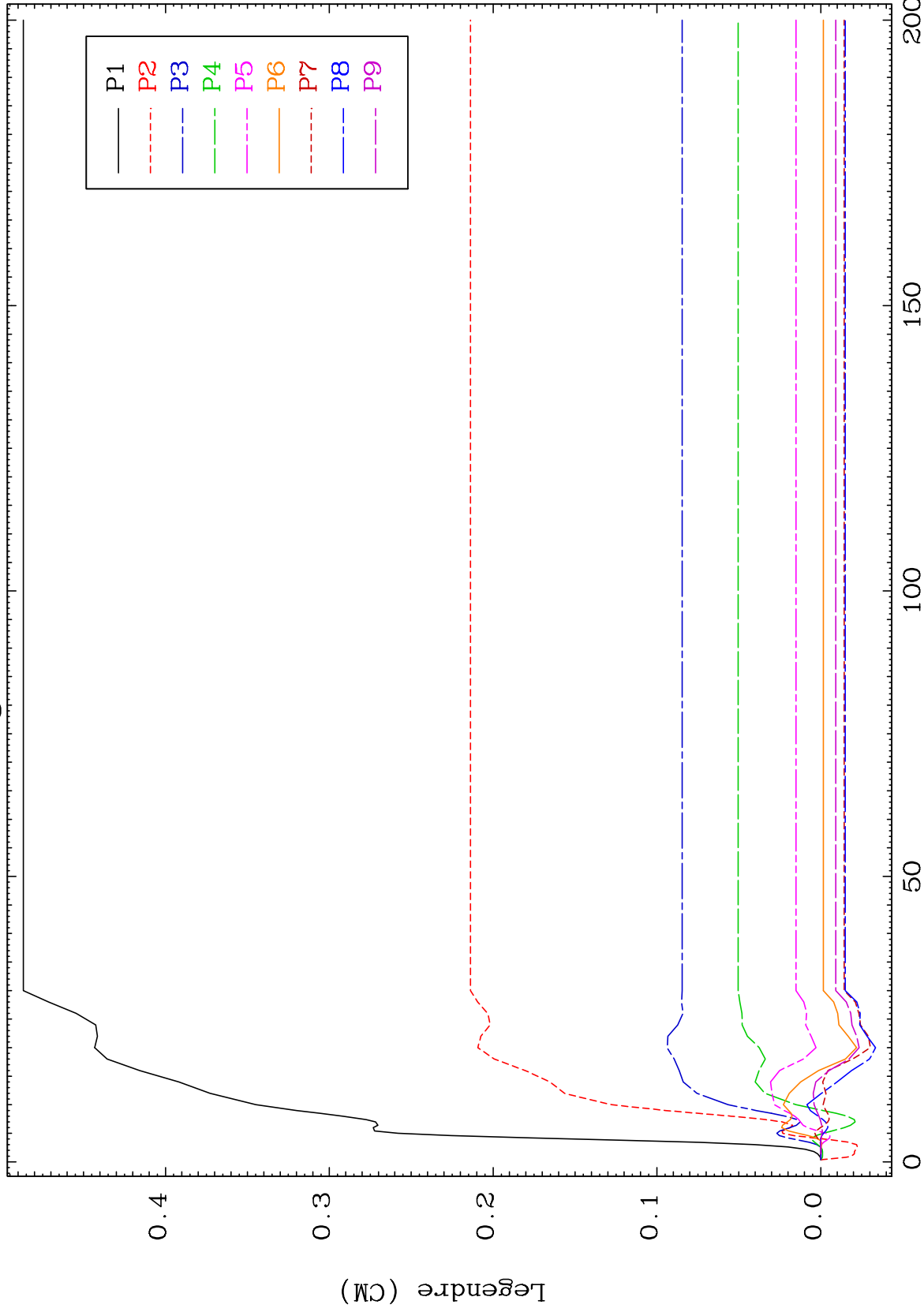
68-Er-159



MAT 6816

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

68-Er-159

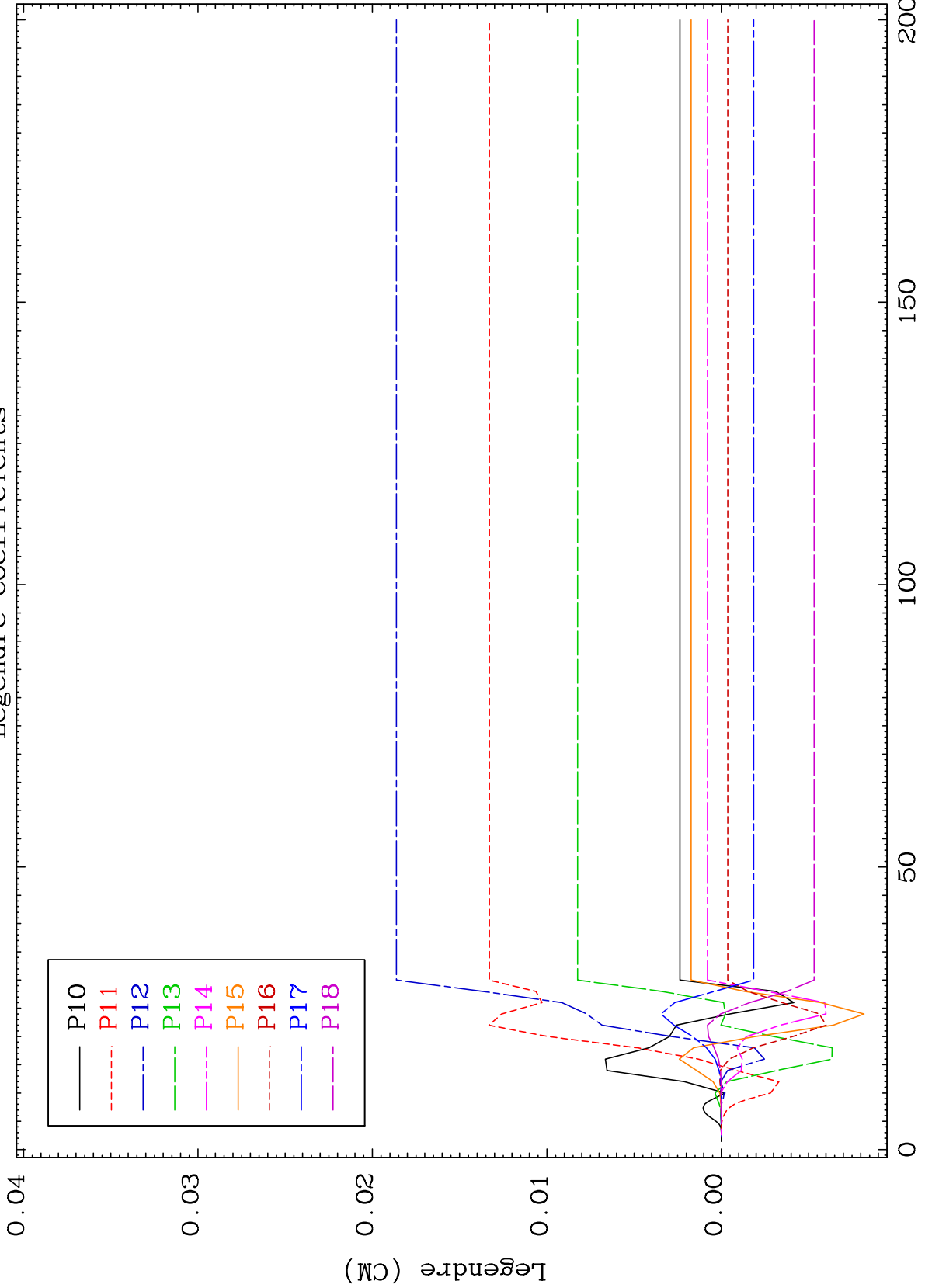


52

Incident Energy (MeV)

68-Er-159

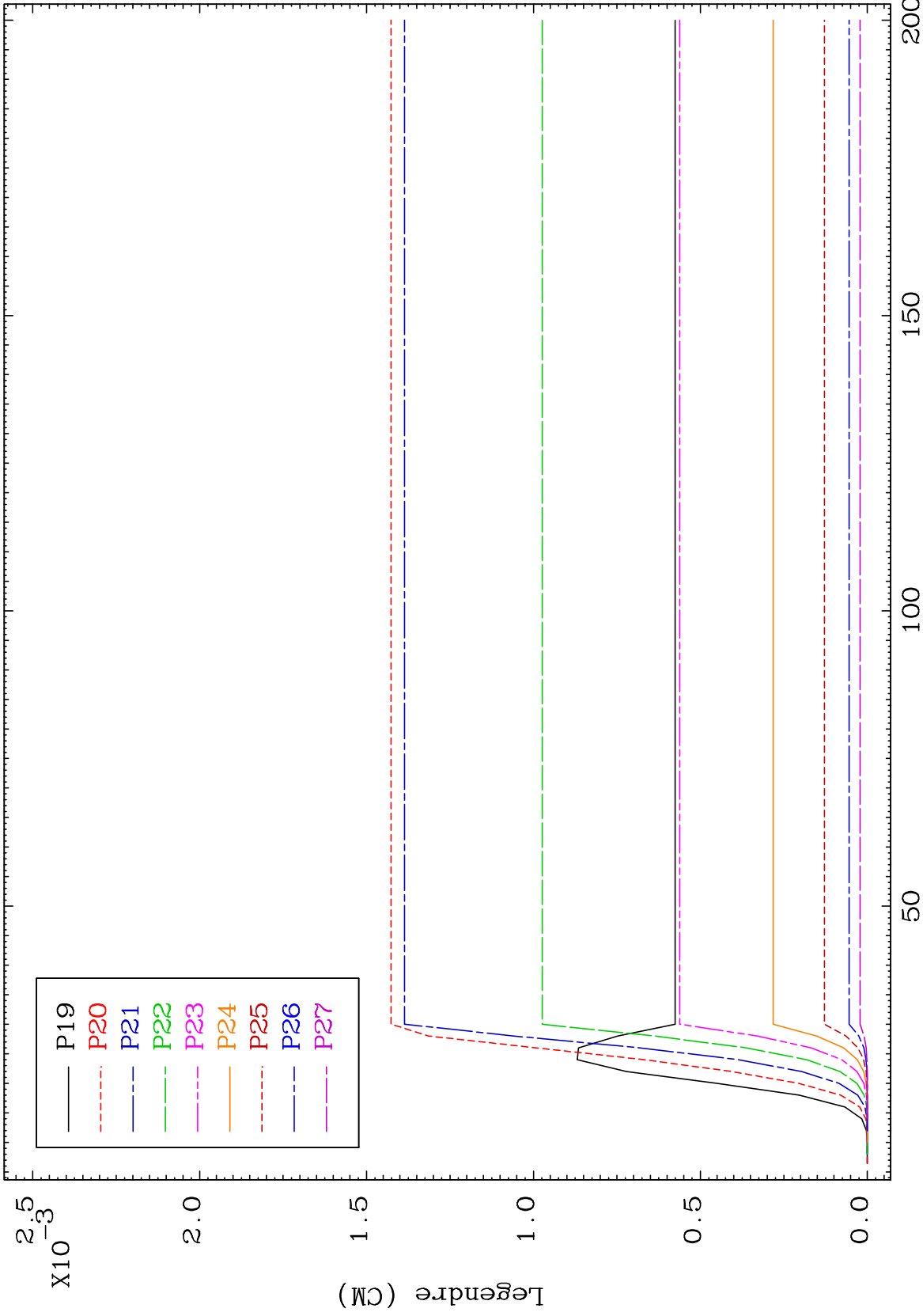
MAT 6816 MT= 59 (n,n') Level Legendre Coefficients 68-Er-159



68-Er-159

Incident Energy (MeV)

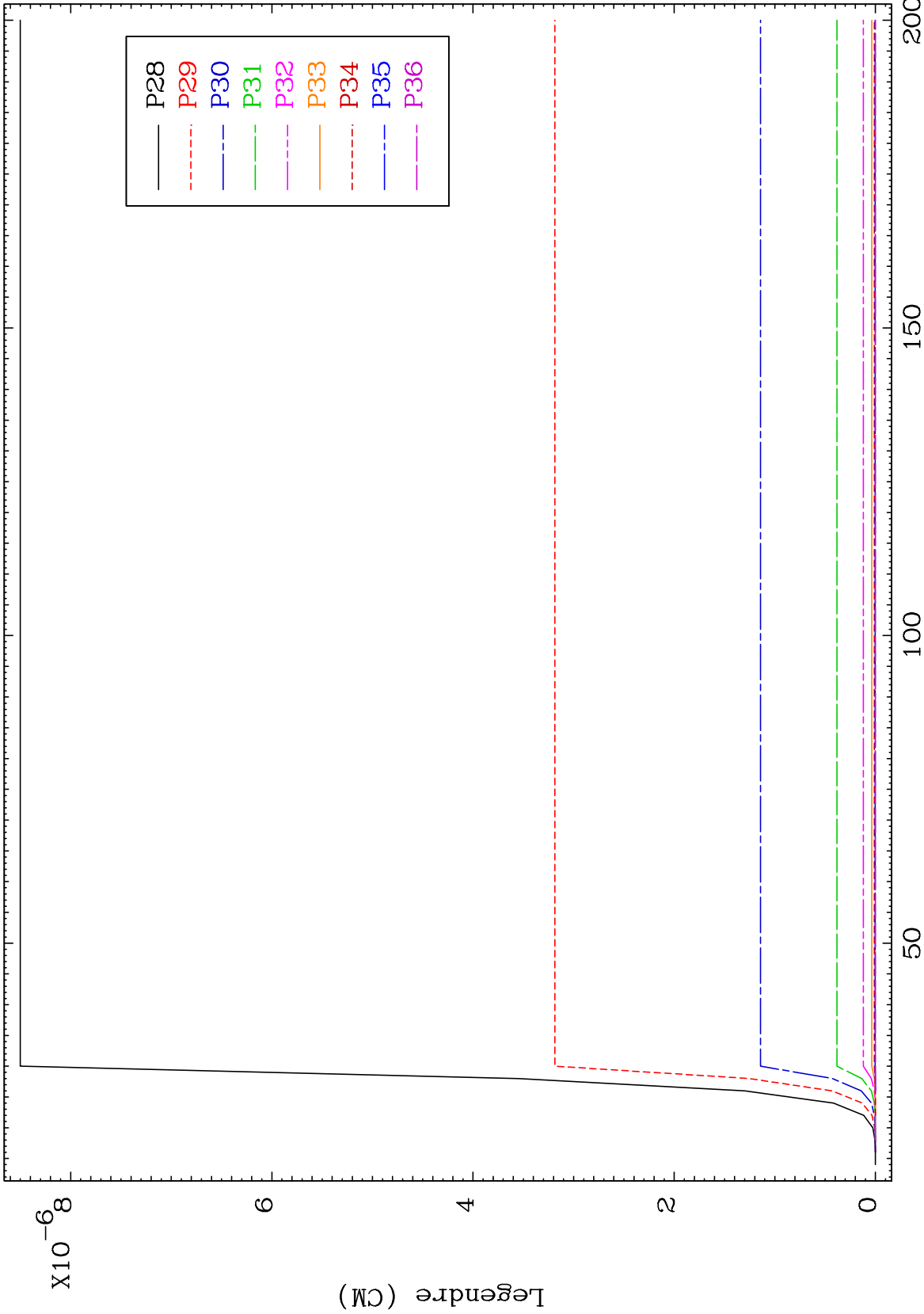
53



MAT 6816

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

68-Er-159



55

Incident Energy (MeV)

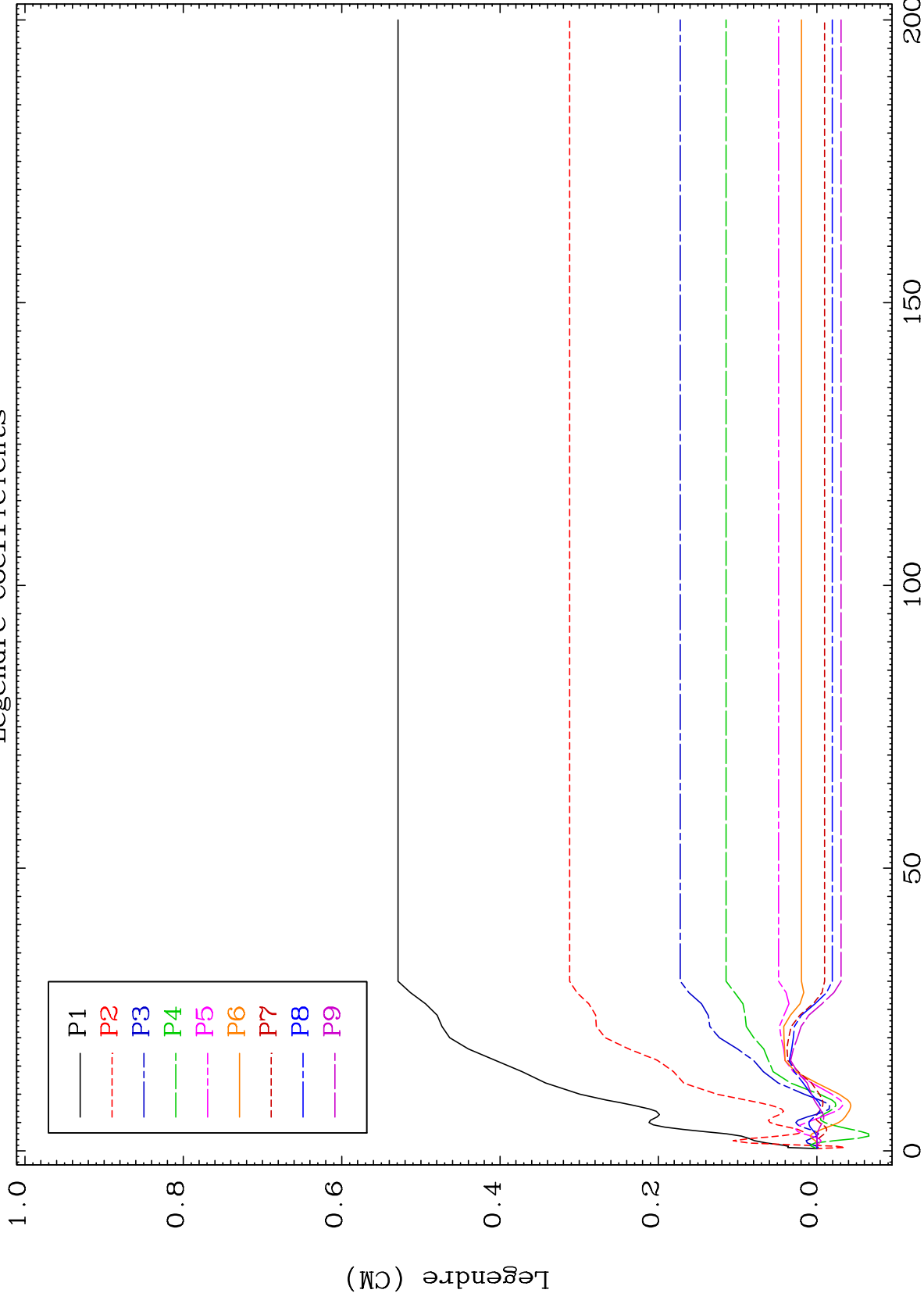
68-Er-159



MAT 6816

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

68-Er-159



68-Er-159

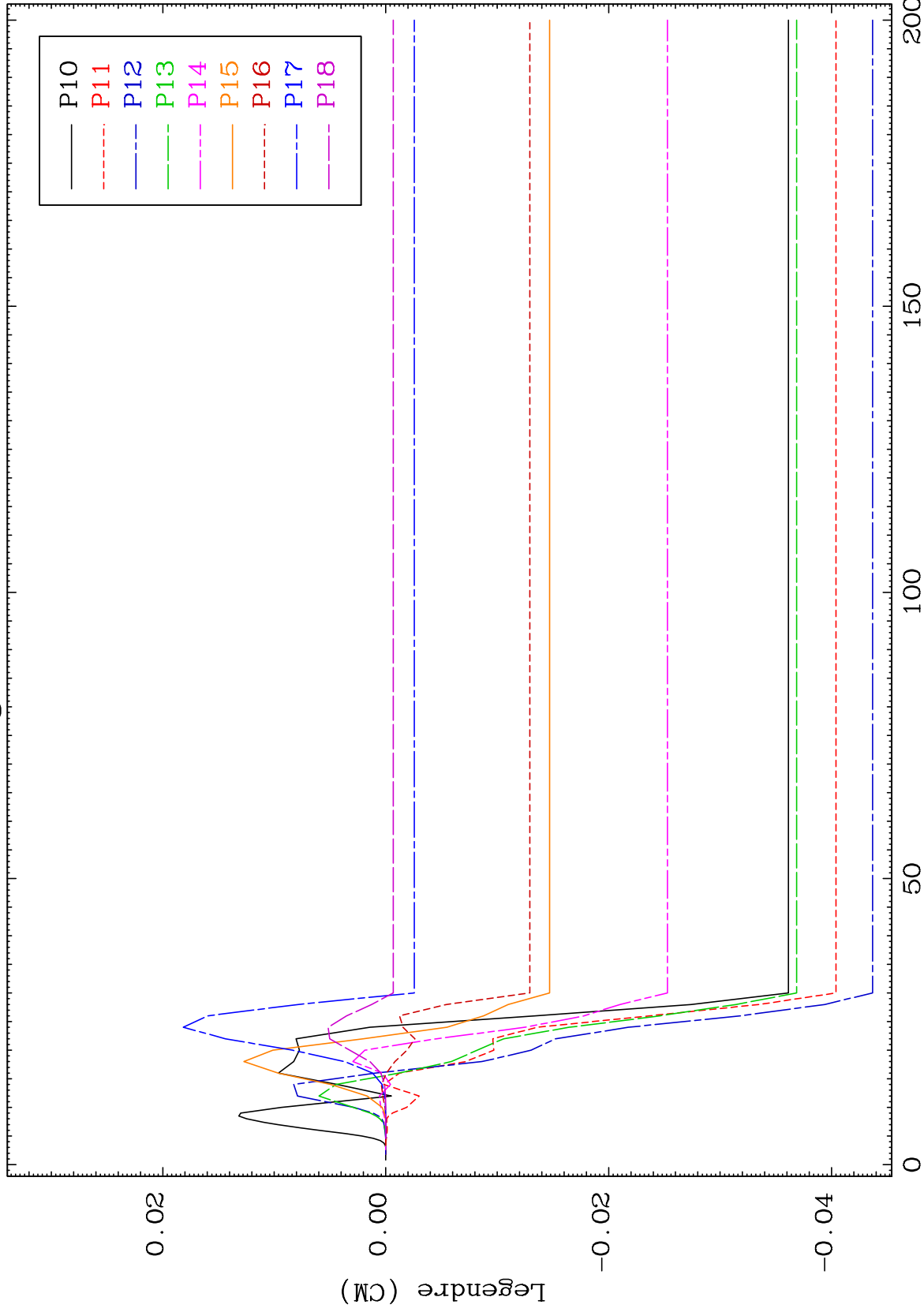
Incident Energy (MeV)

56

MAT 6816

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

68-Er-159



57

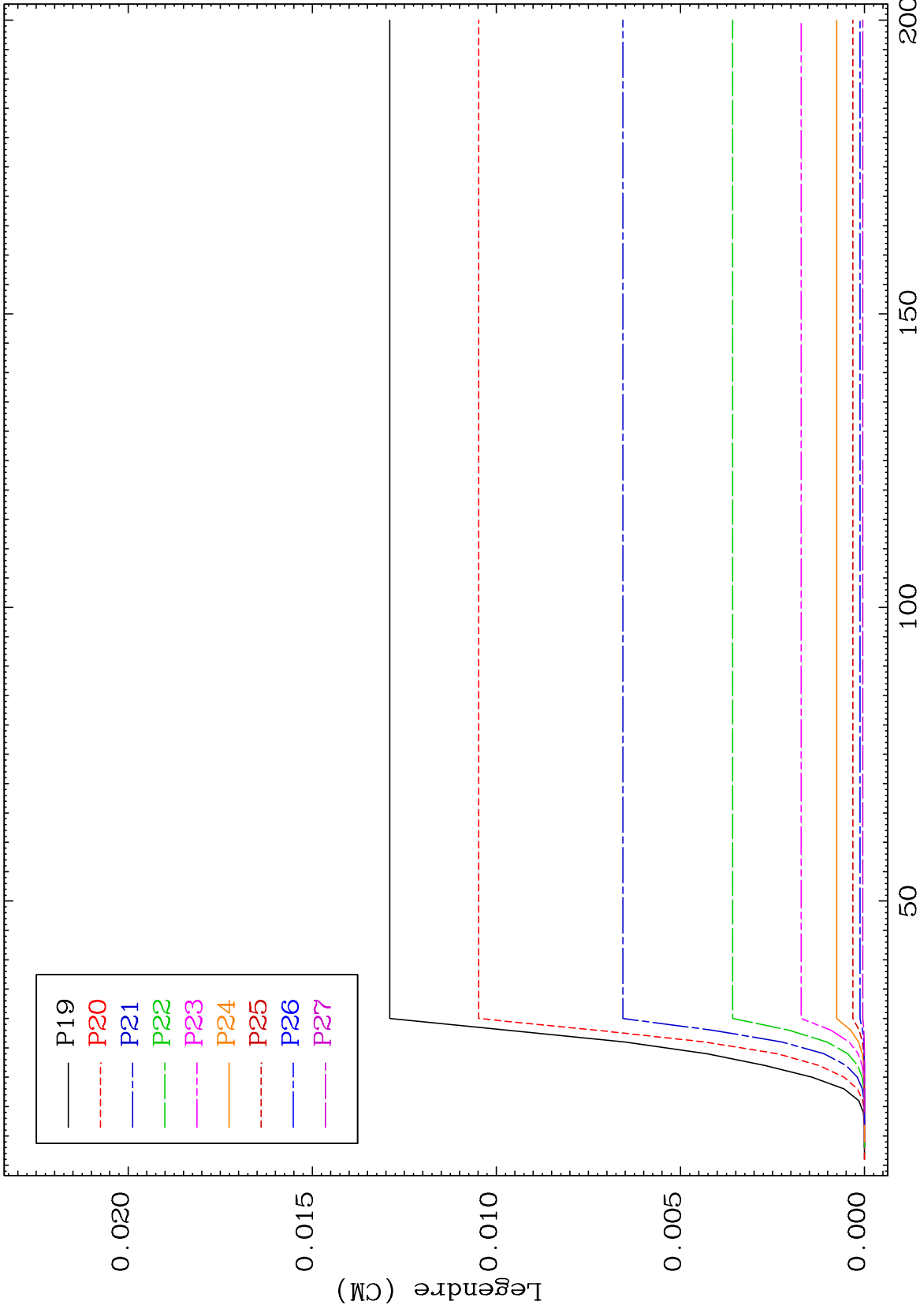
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



58

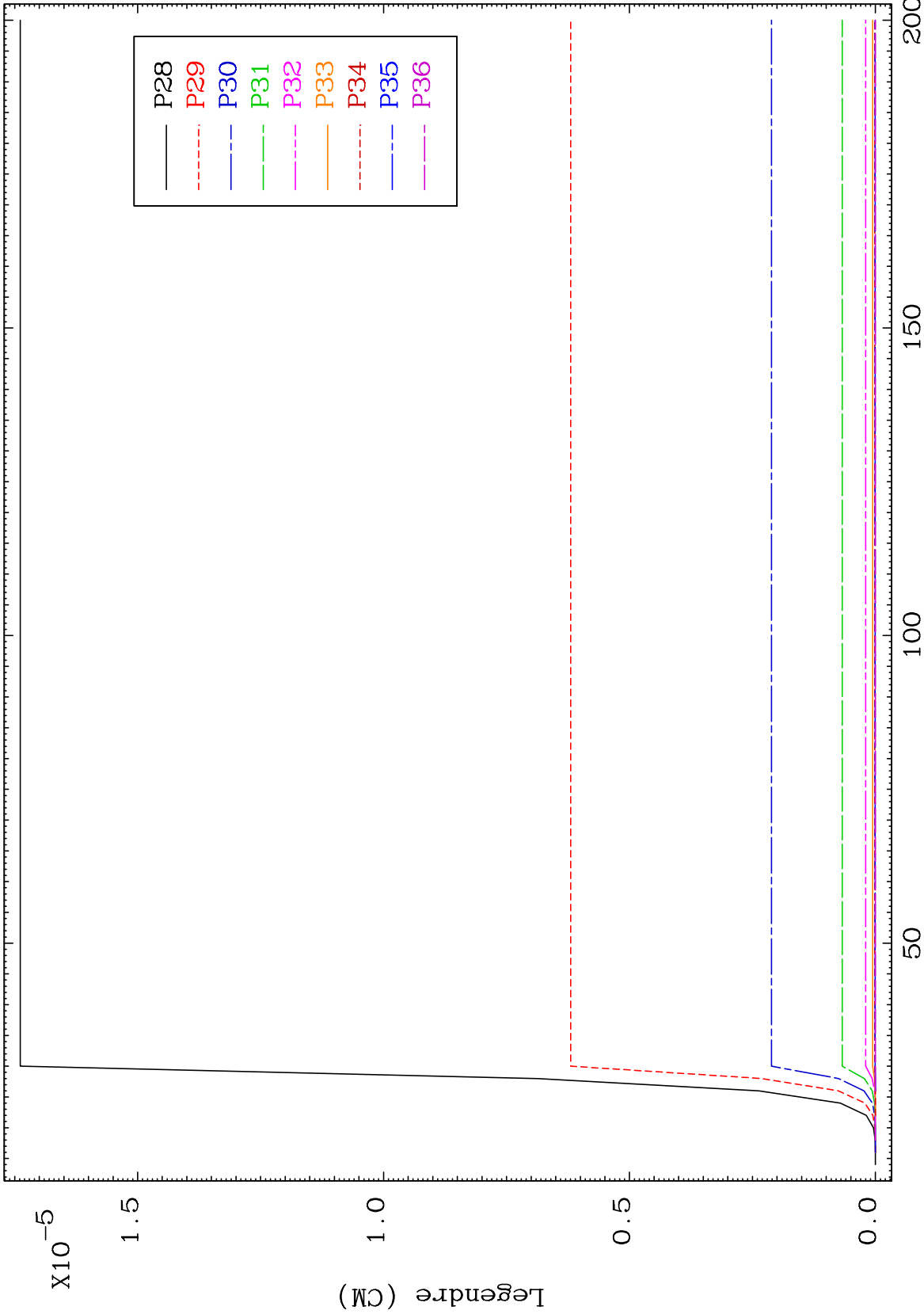
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



59

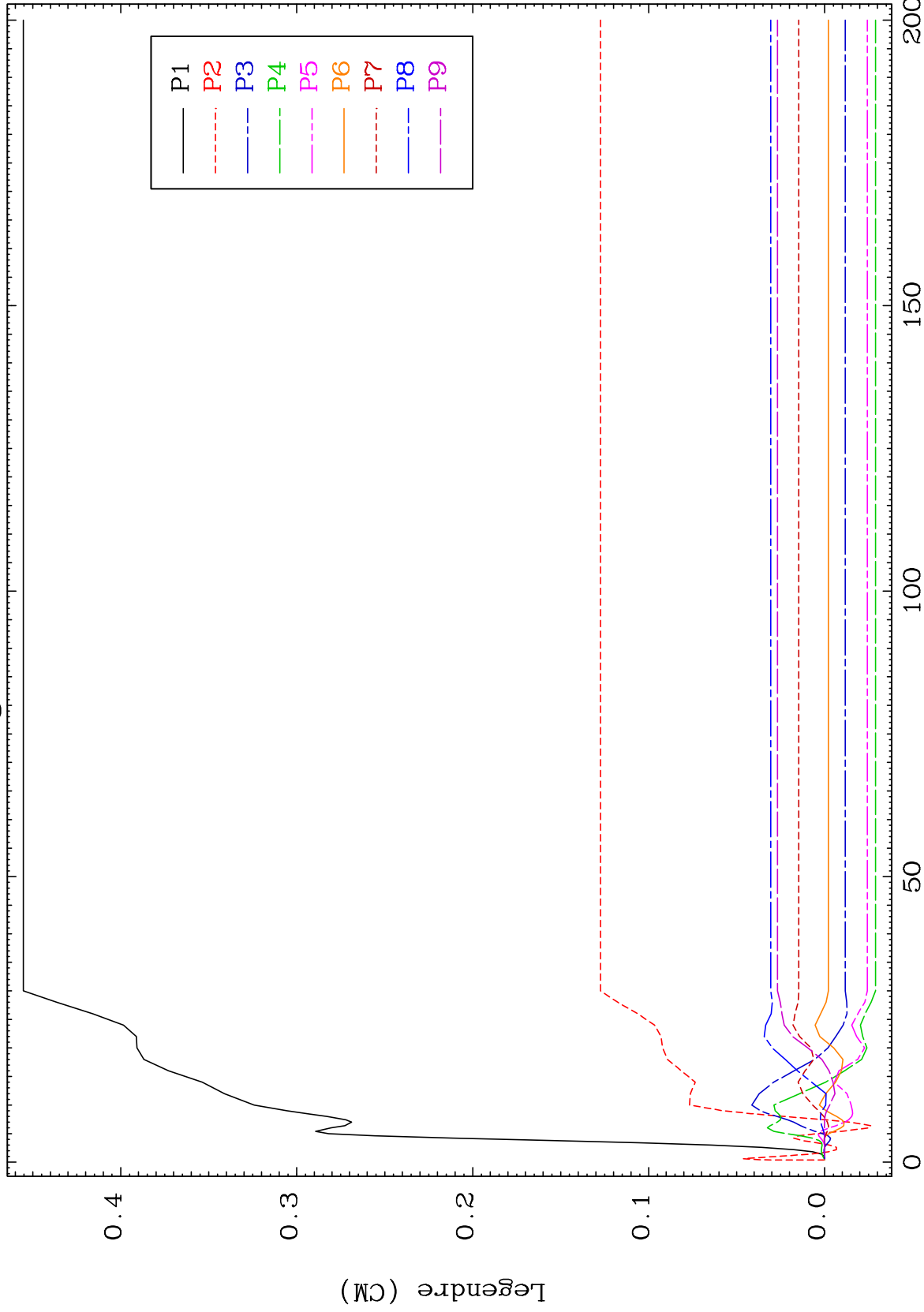
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



60

Incident Energy (MeV)

68-Er-159

200

150

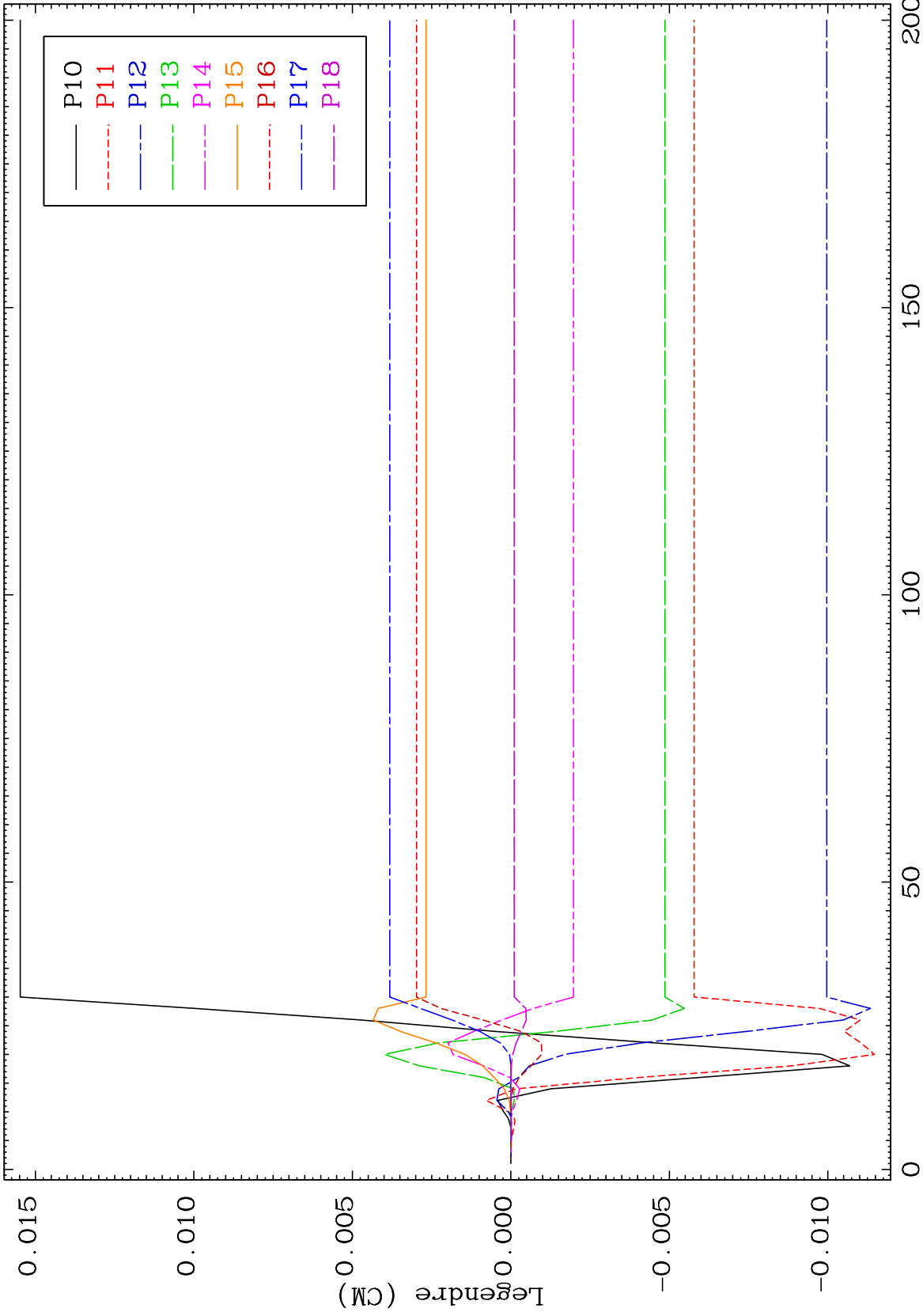
100

50

MAT 6816

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

68-Er-159



61

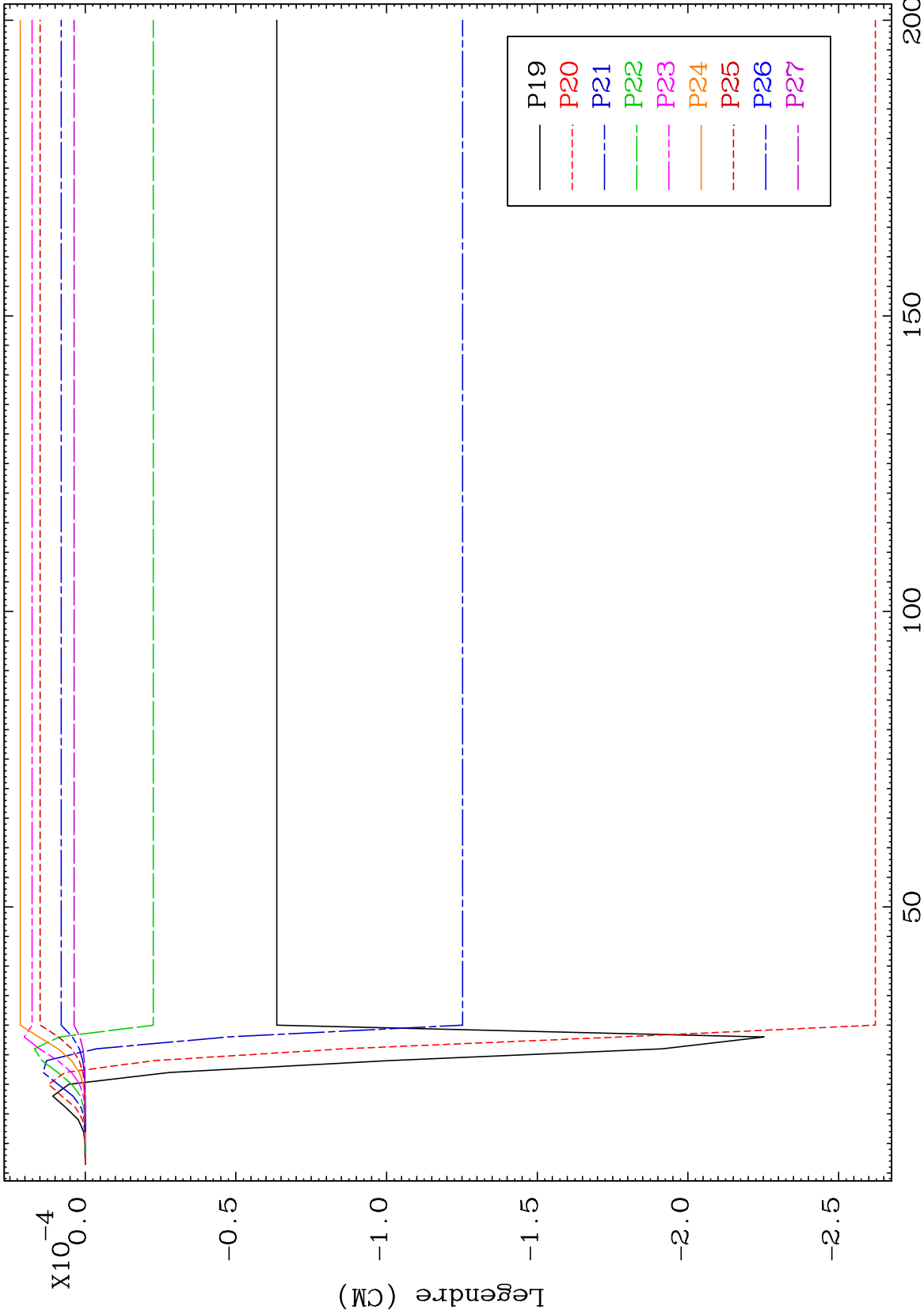
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



62

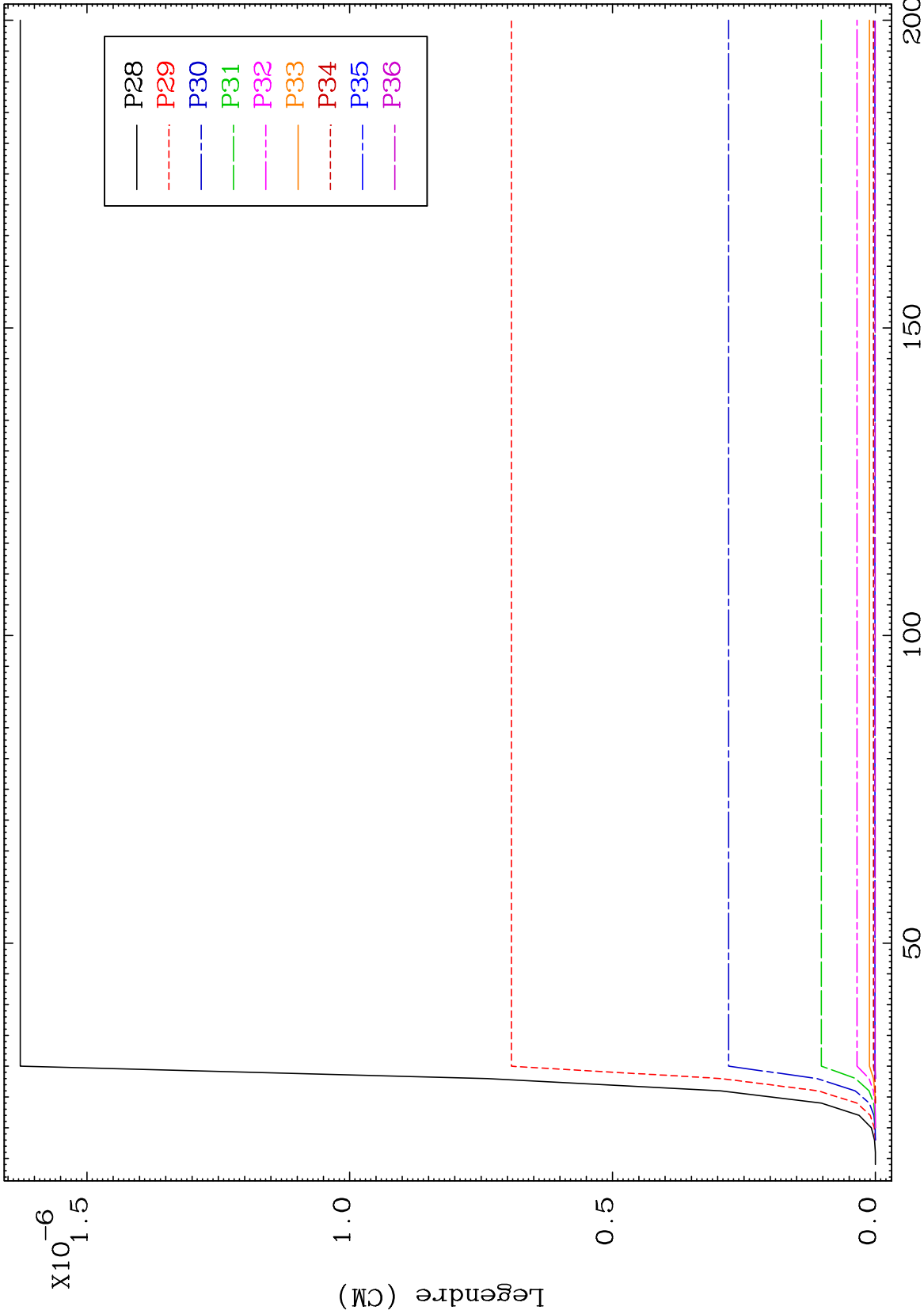
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



63

Incident Energy (MeV)

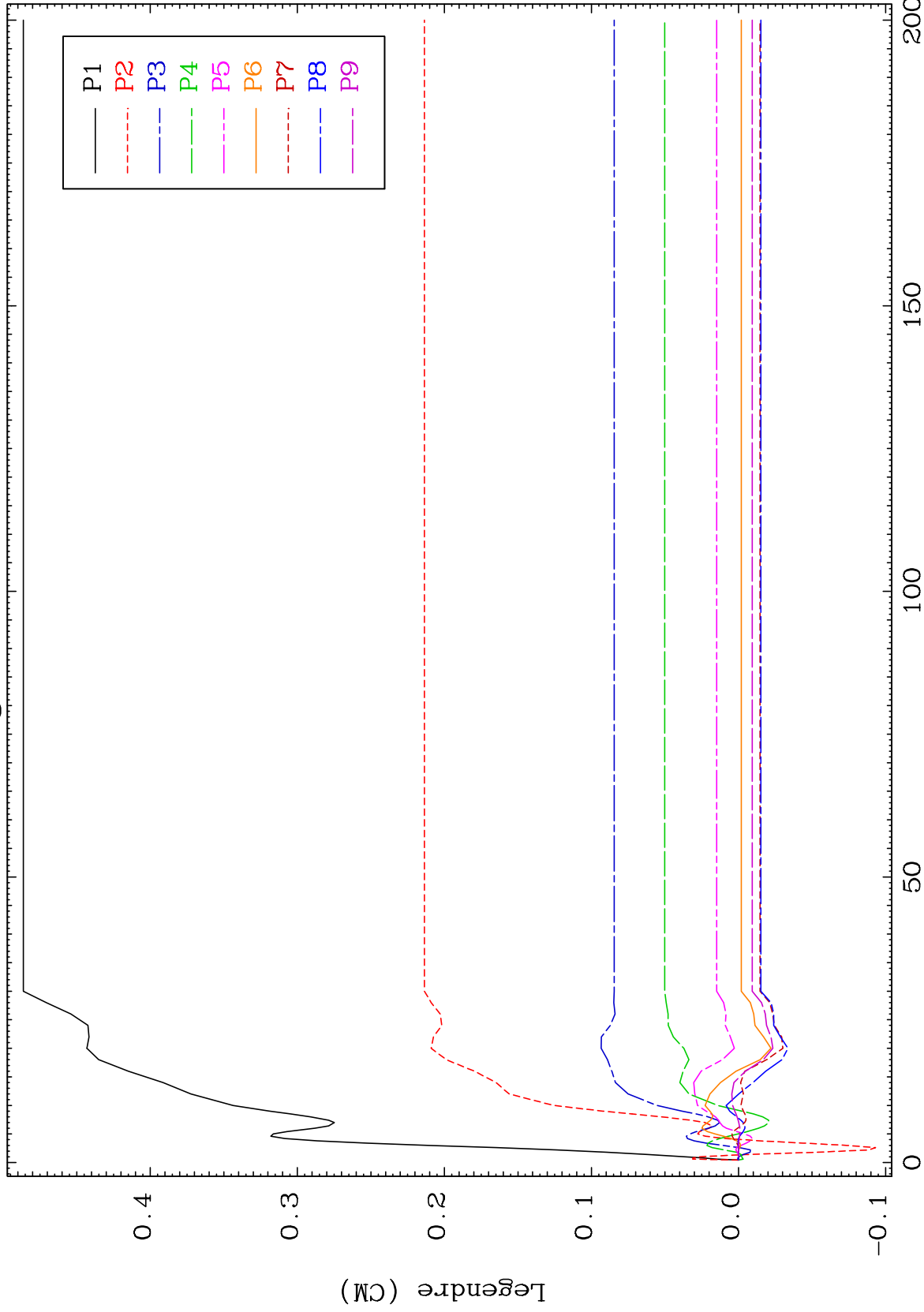
68-Er-159



MAT 6816

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

68-Er-159



64

Incident Energy (MeV)

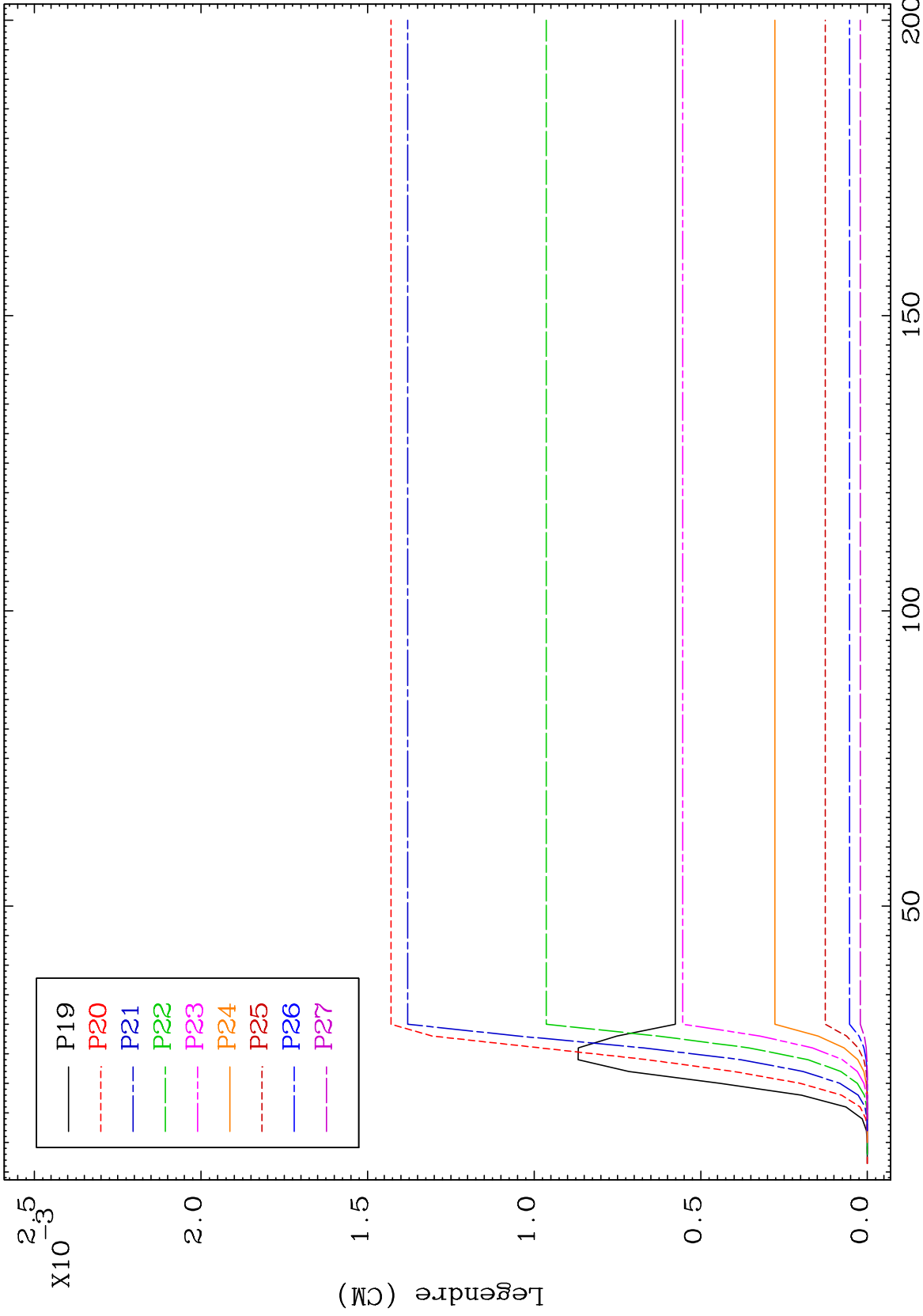
68-Er-159



MAT 6816

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

68-Er-159



66

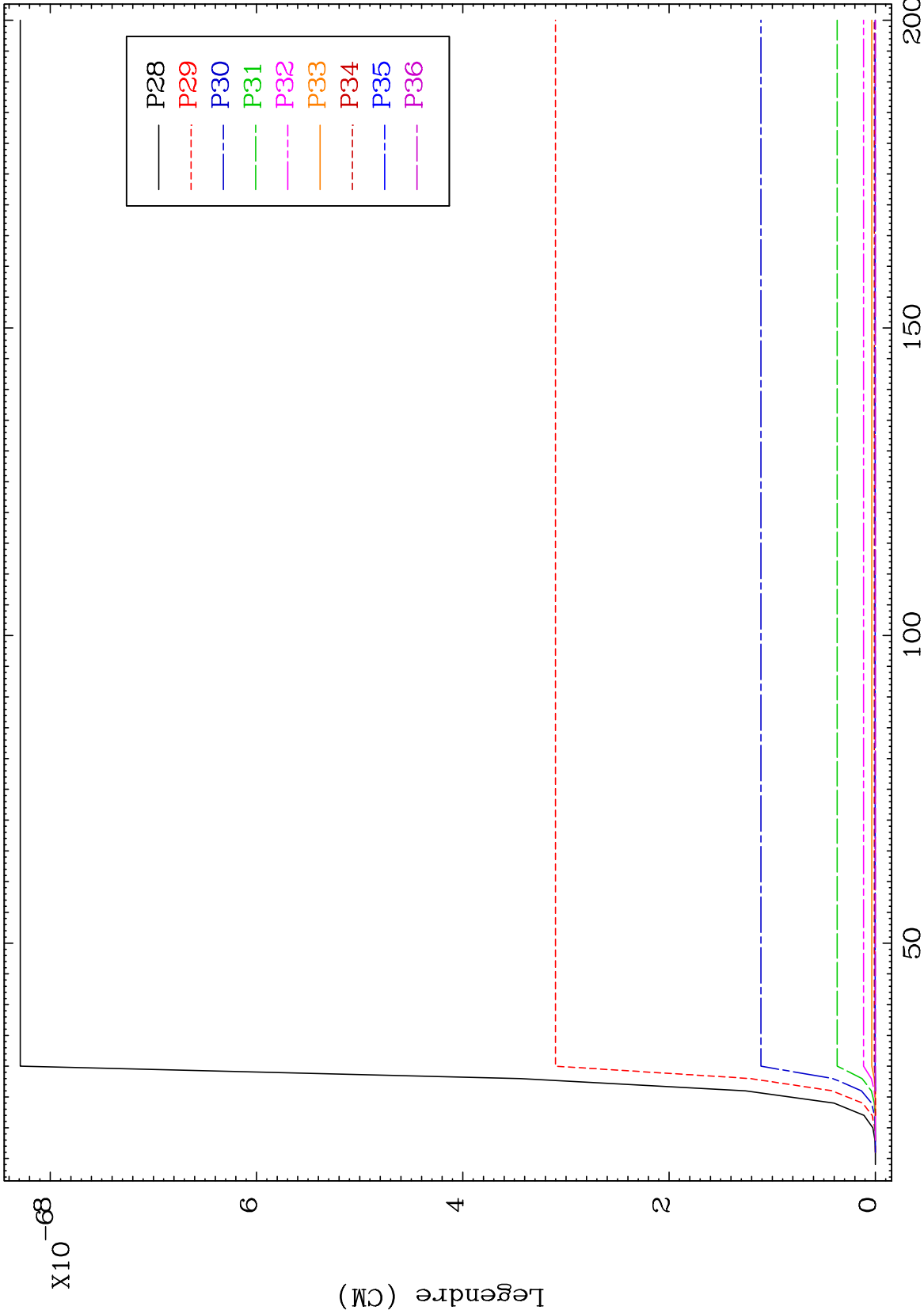
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



67

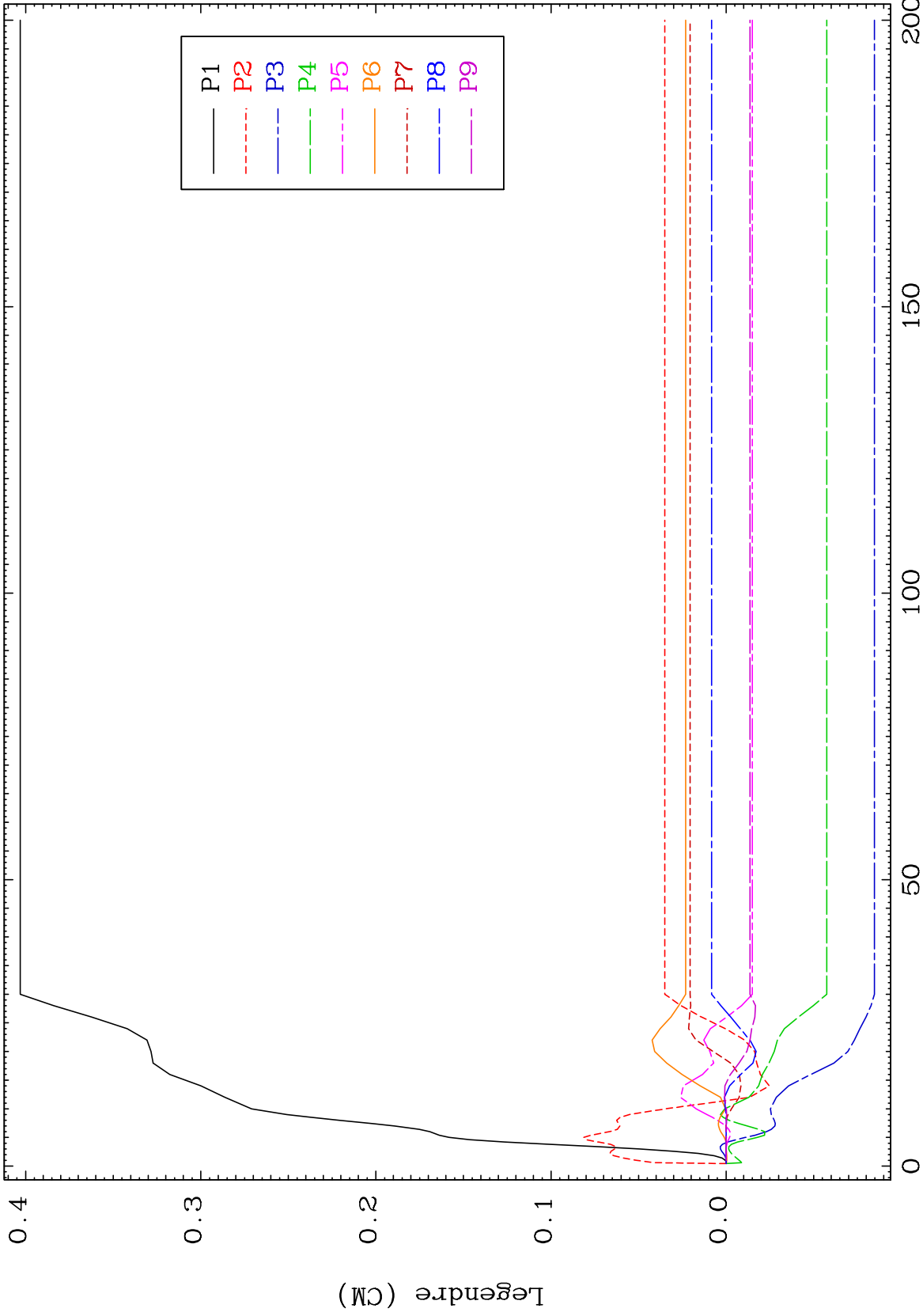
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68

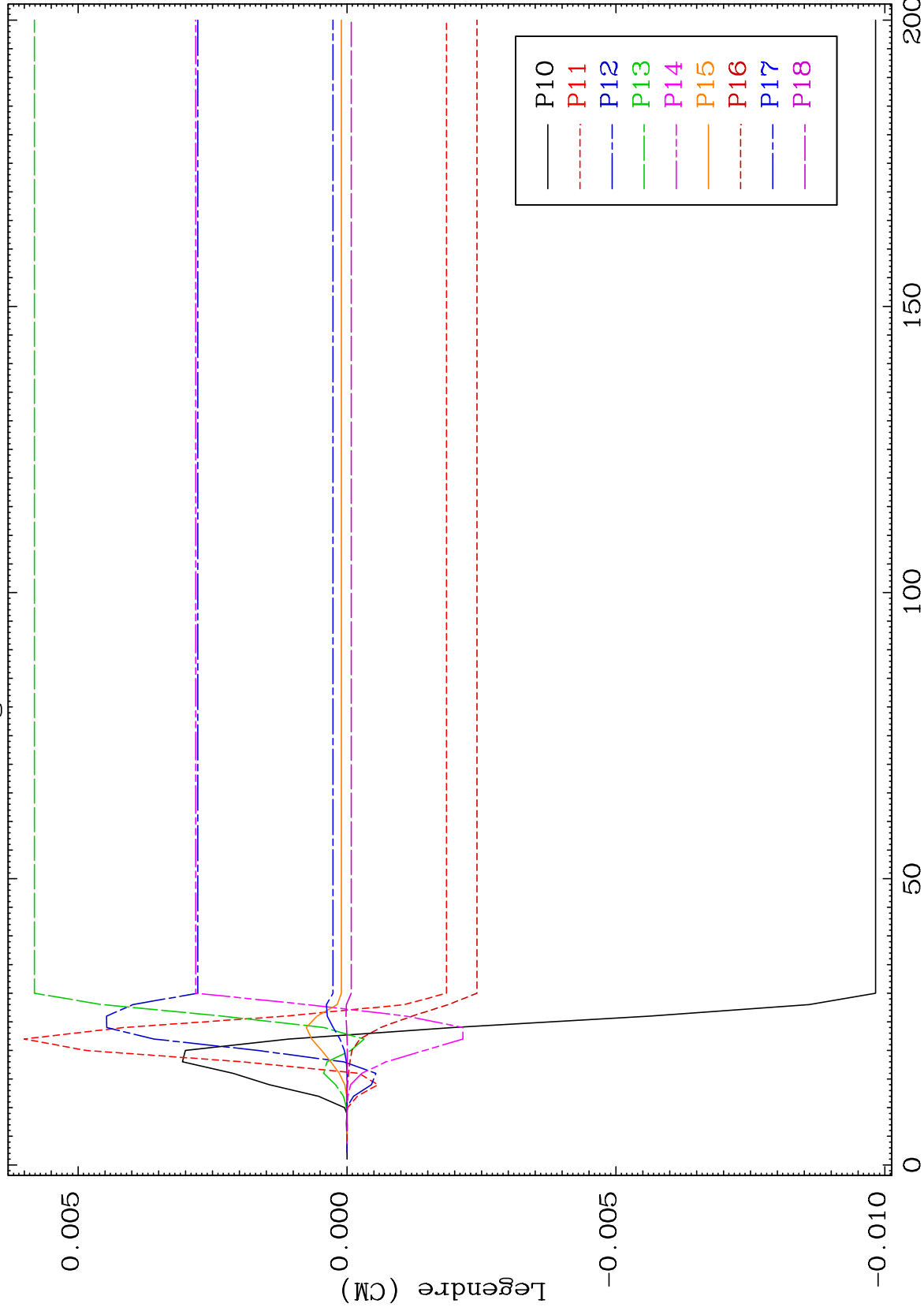
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



69

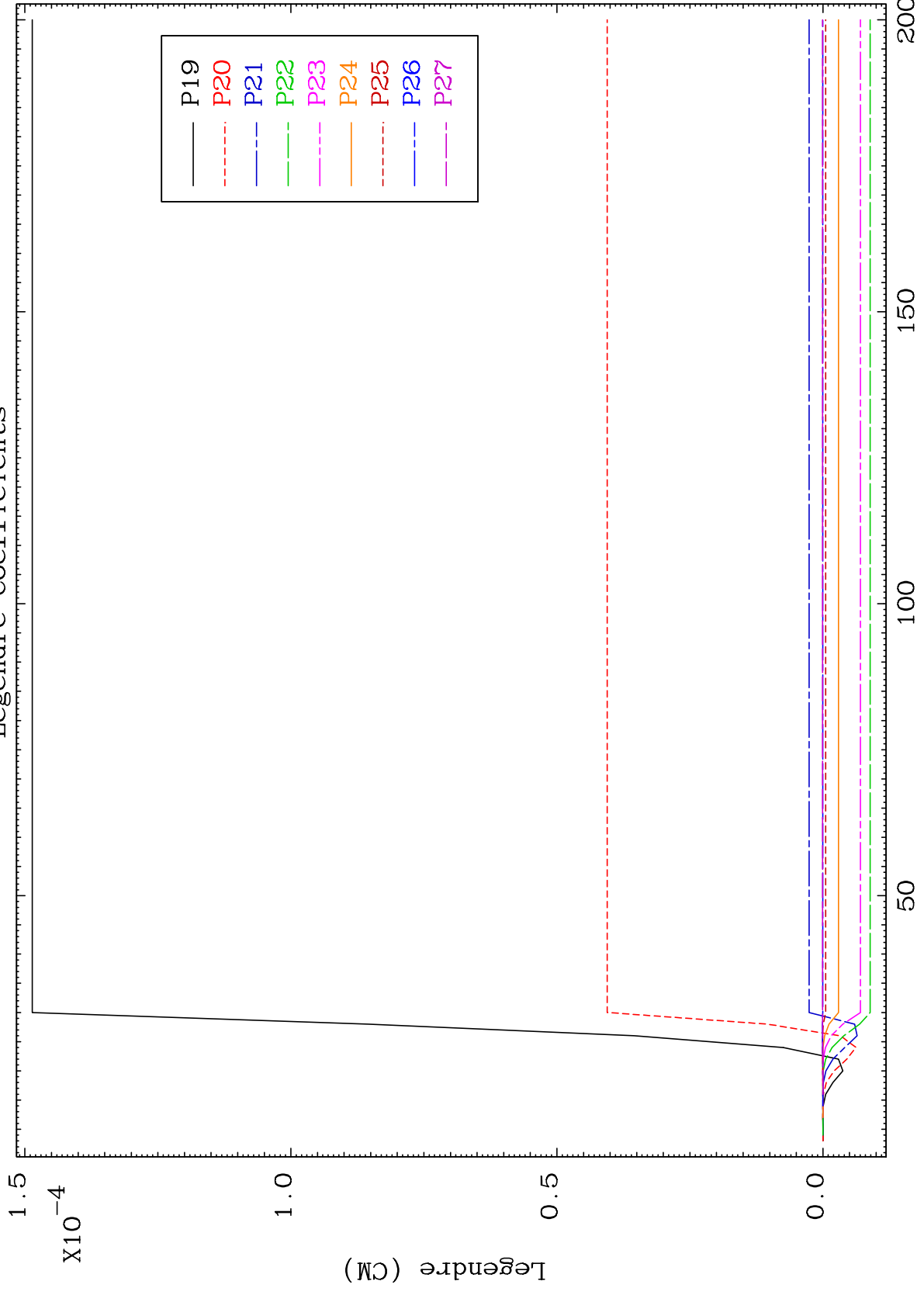
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



70

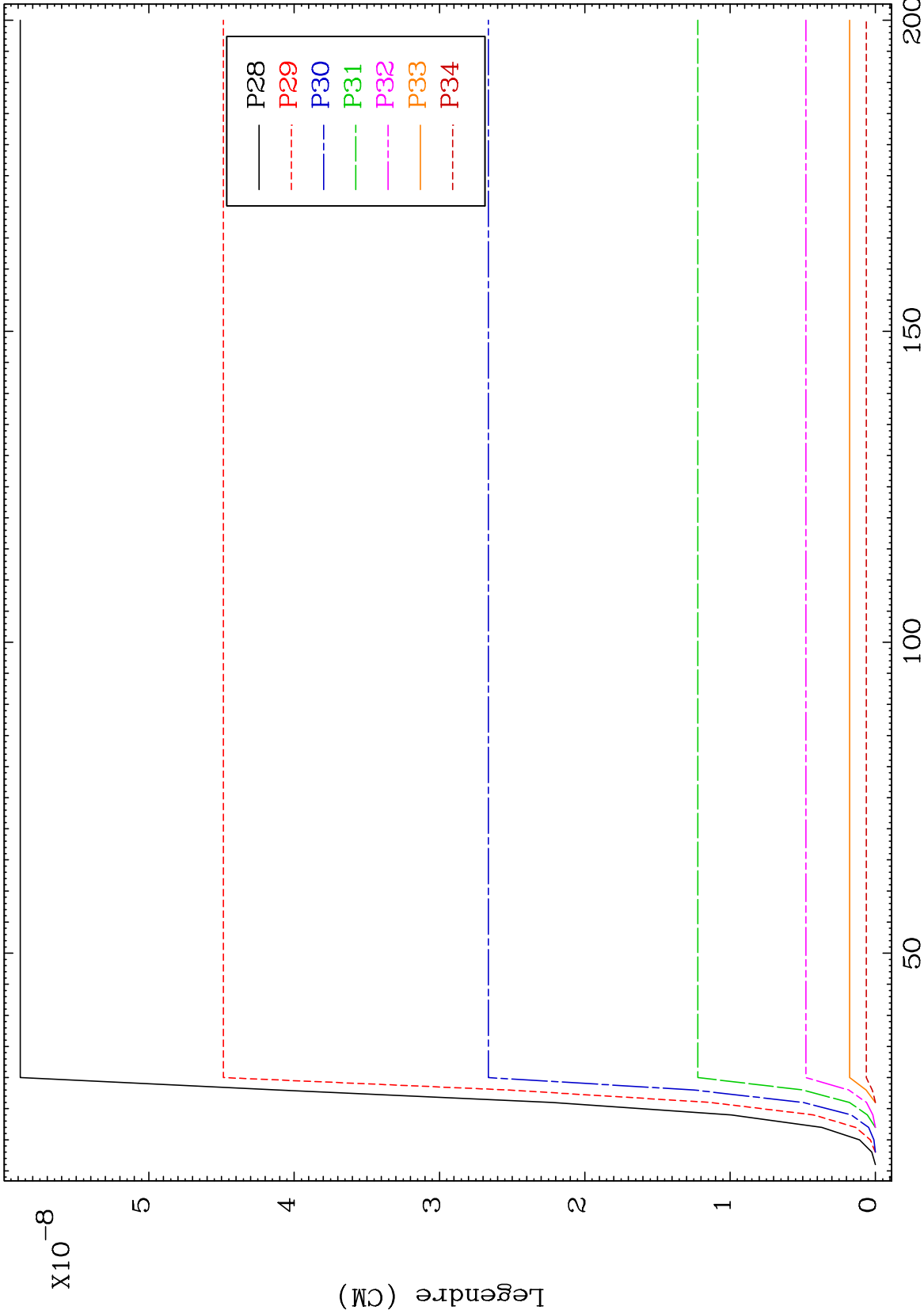
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



71

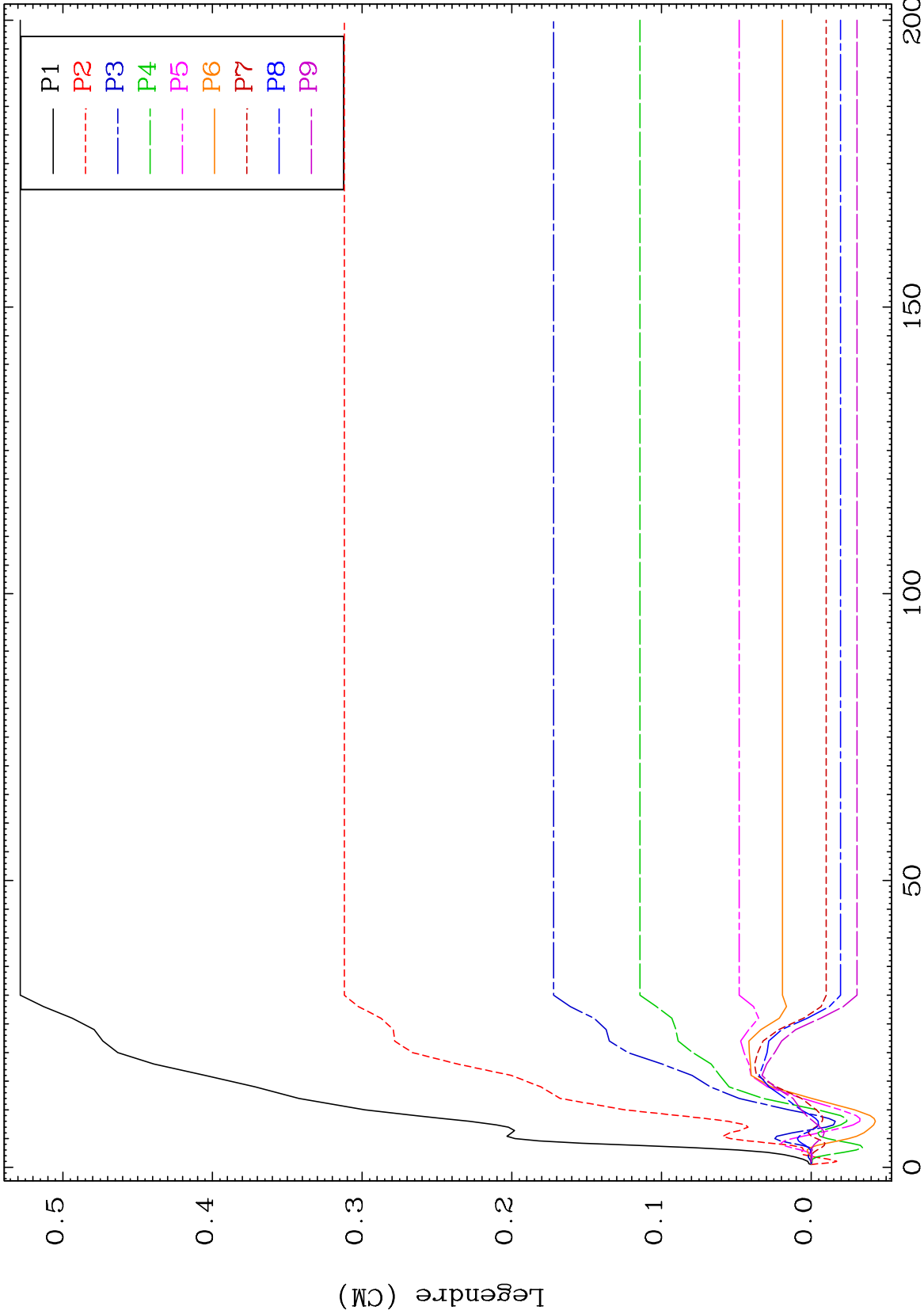
68-Er-159



MAT 6816

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

68-Er-159



72

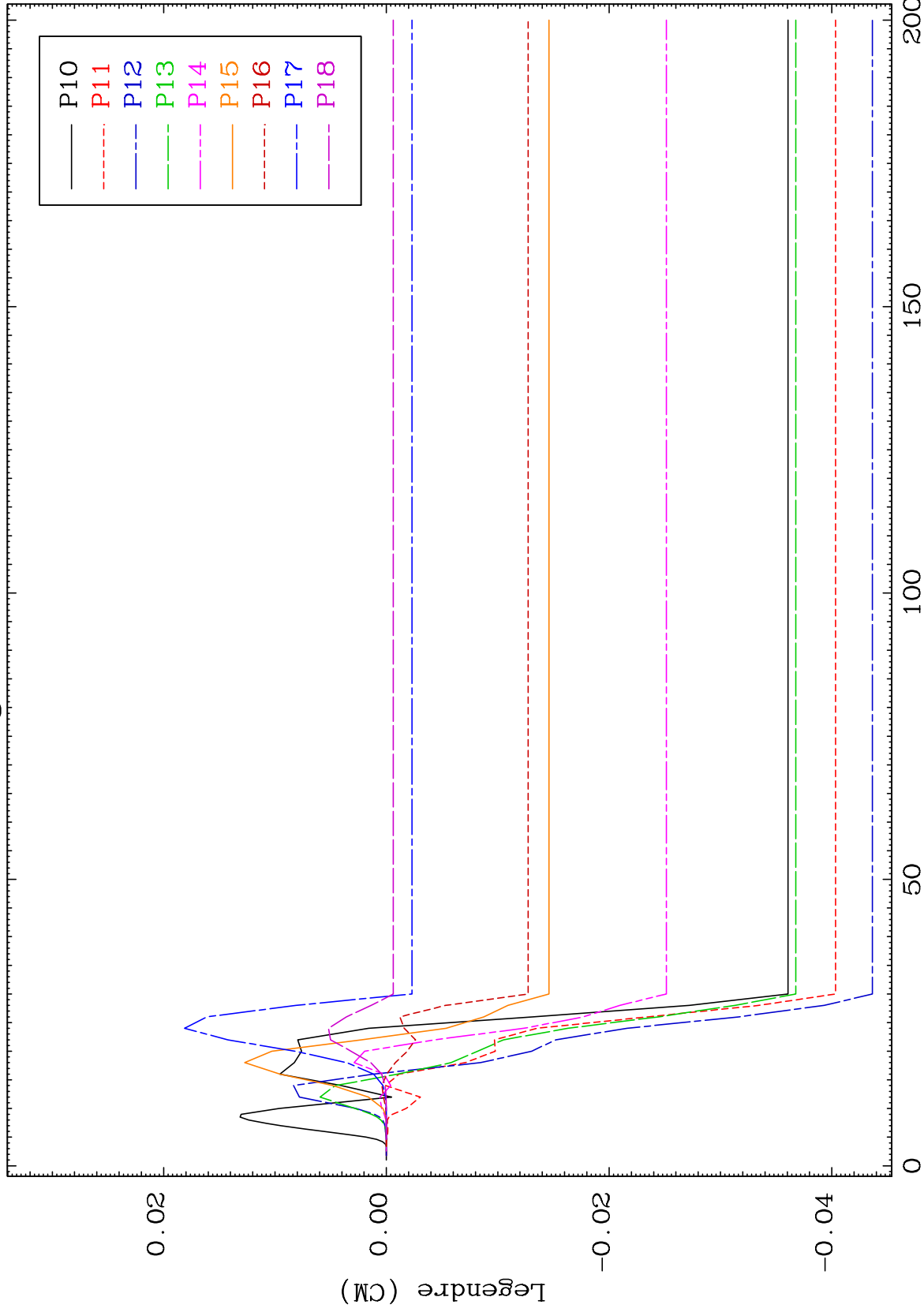
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



73

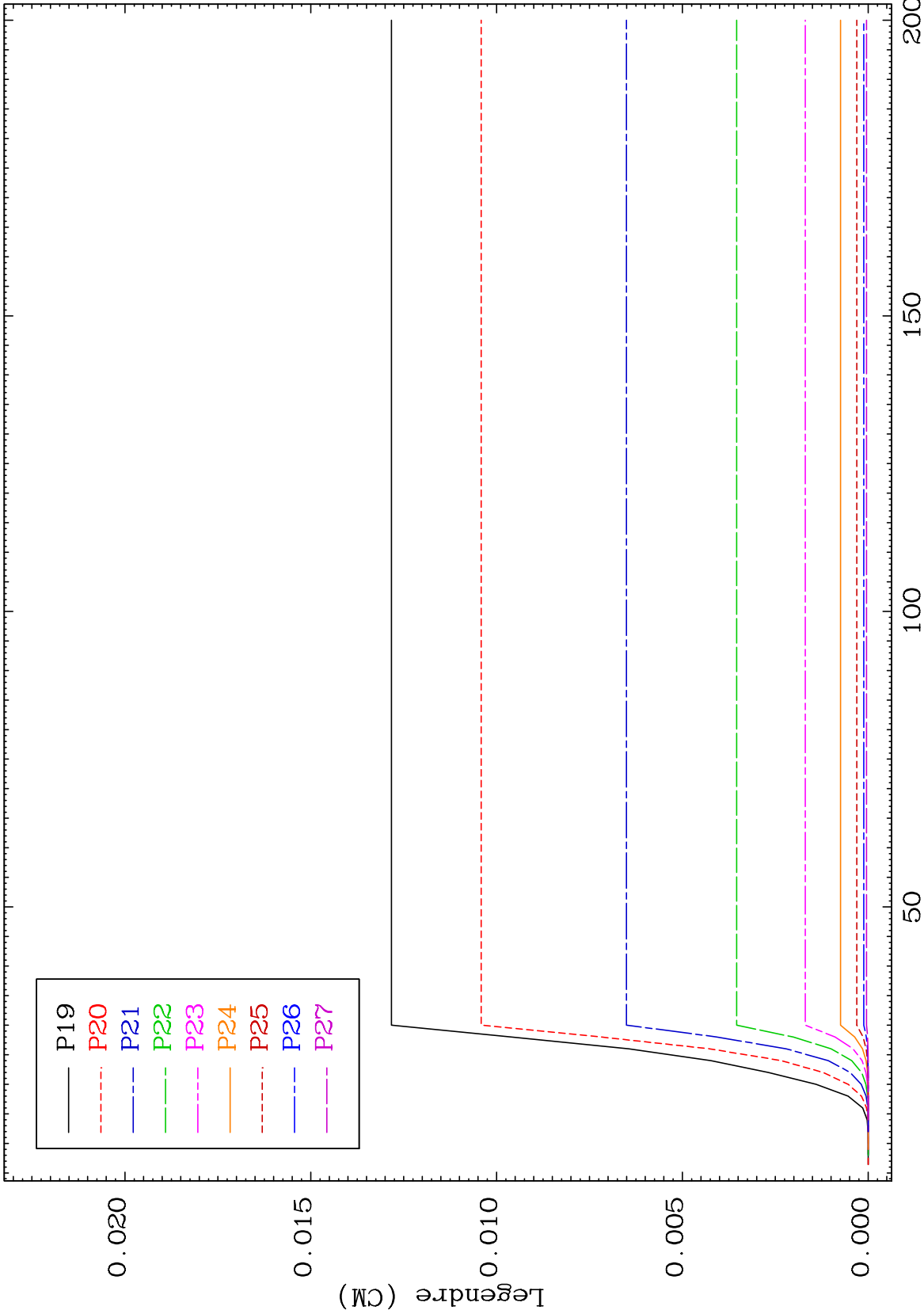
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



74

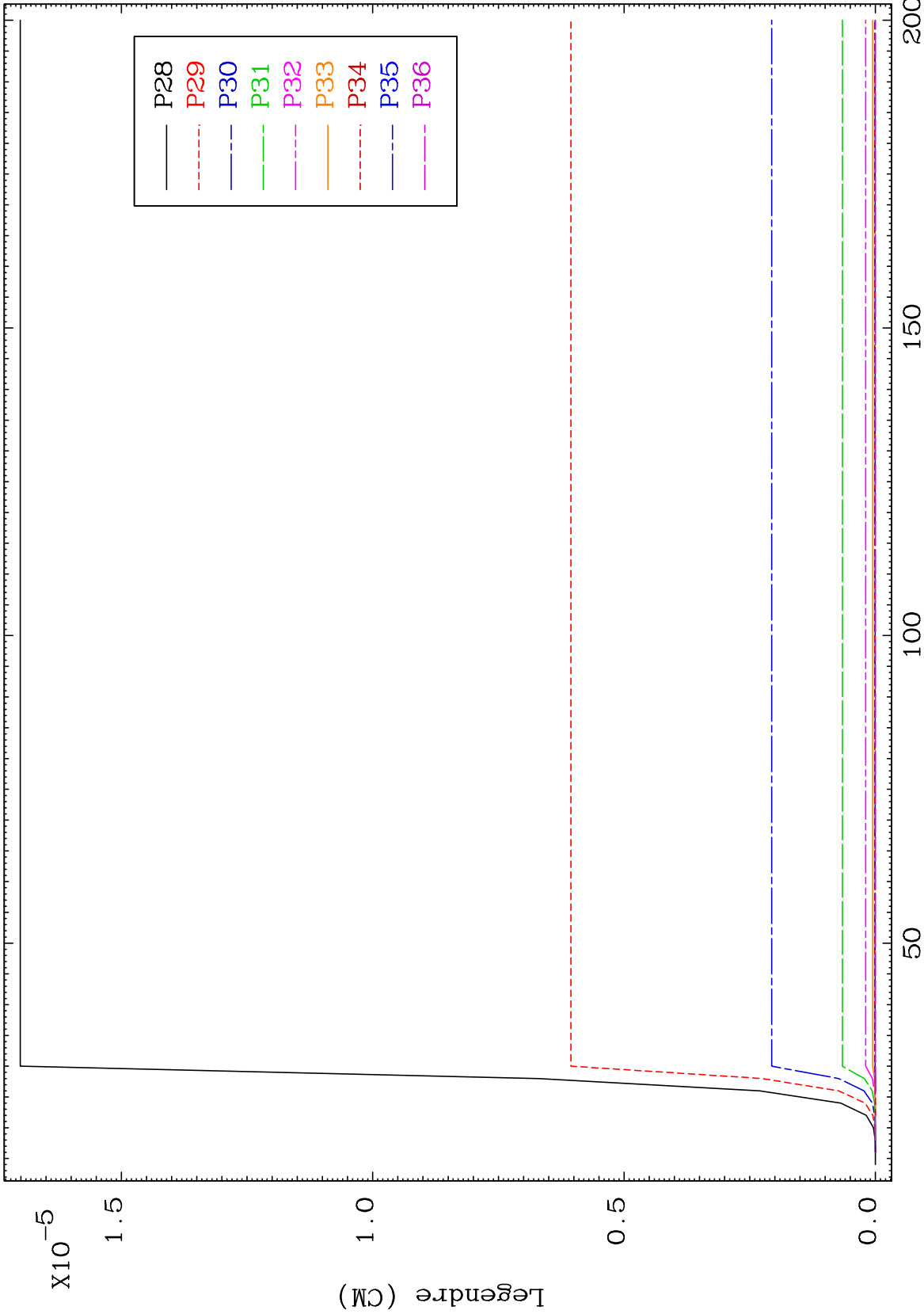
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



75

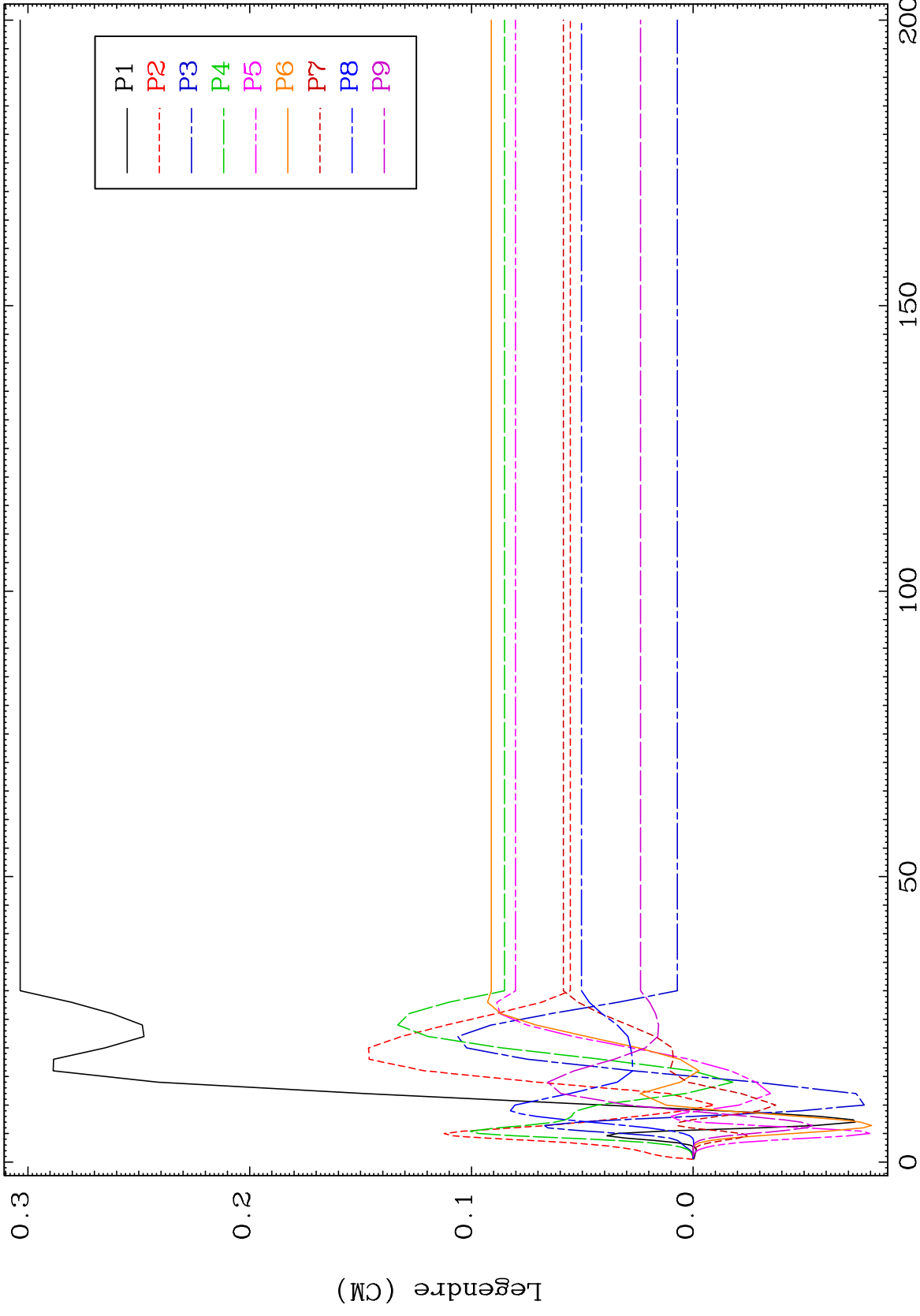
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



76

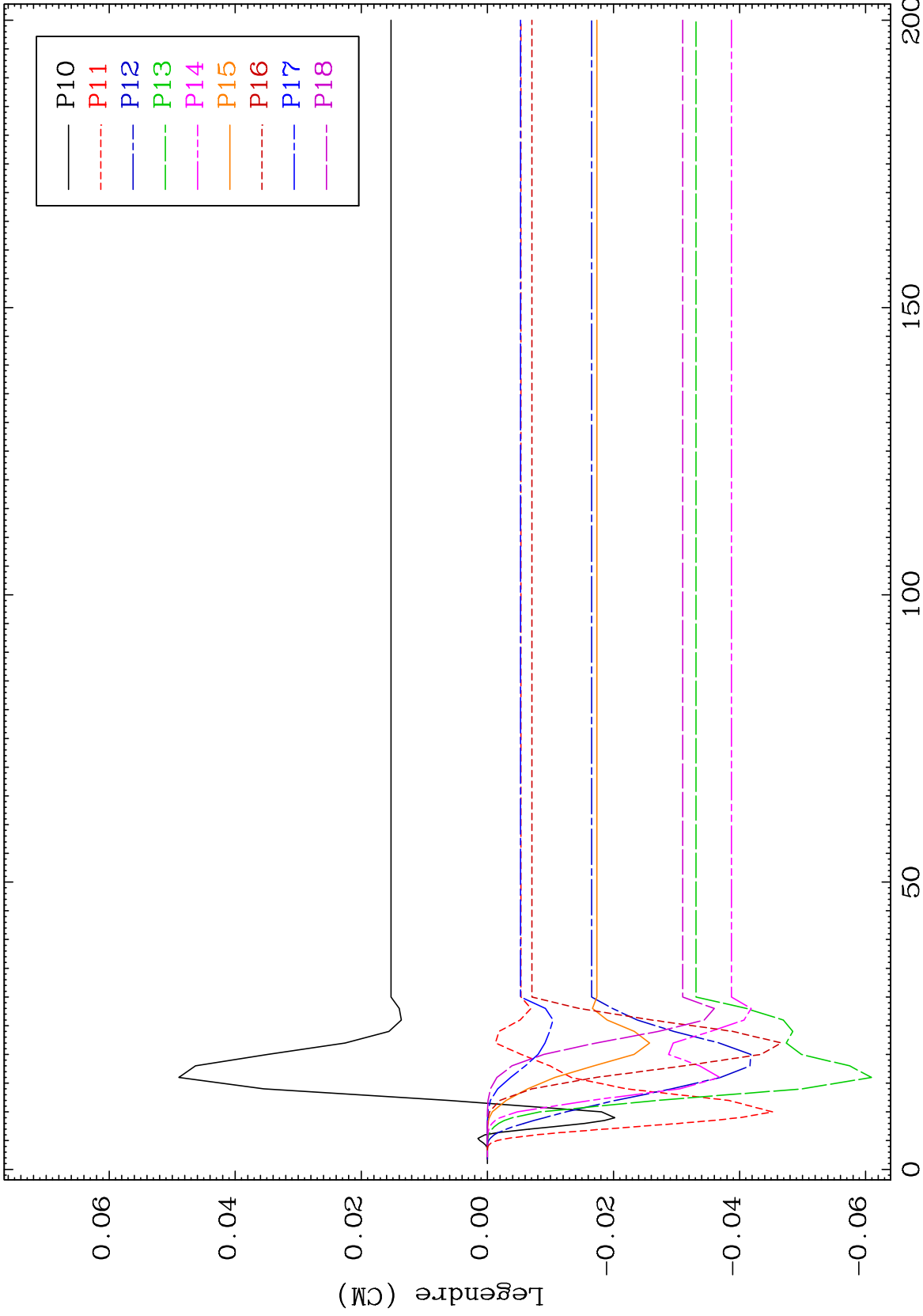
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



77

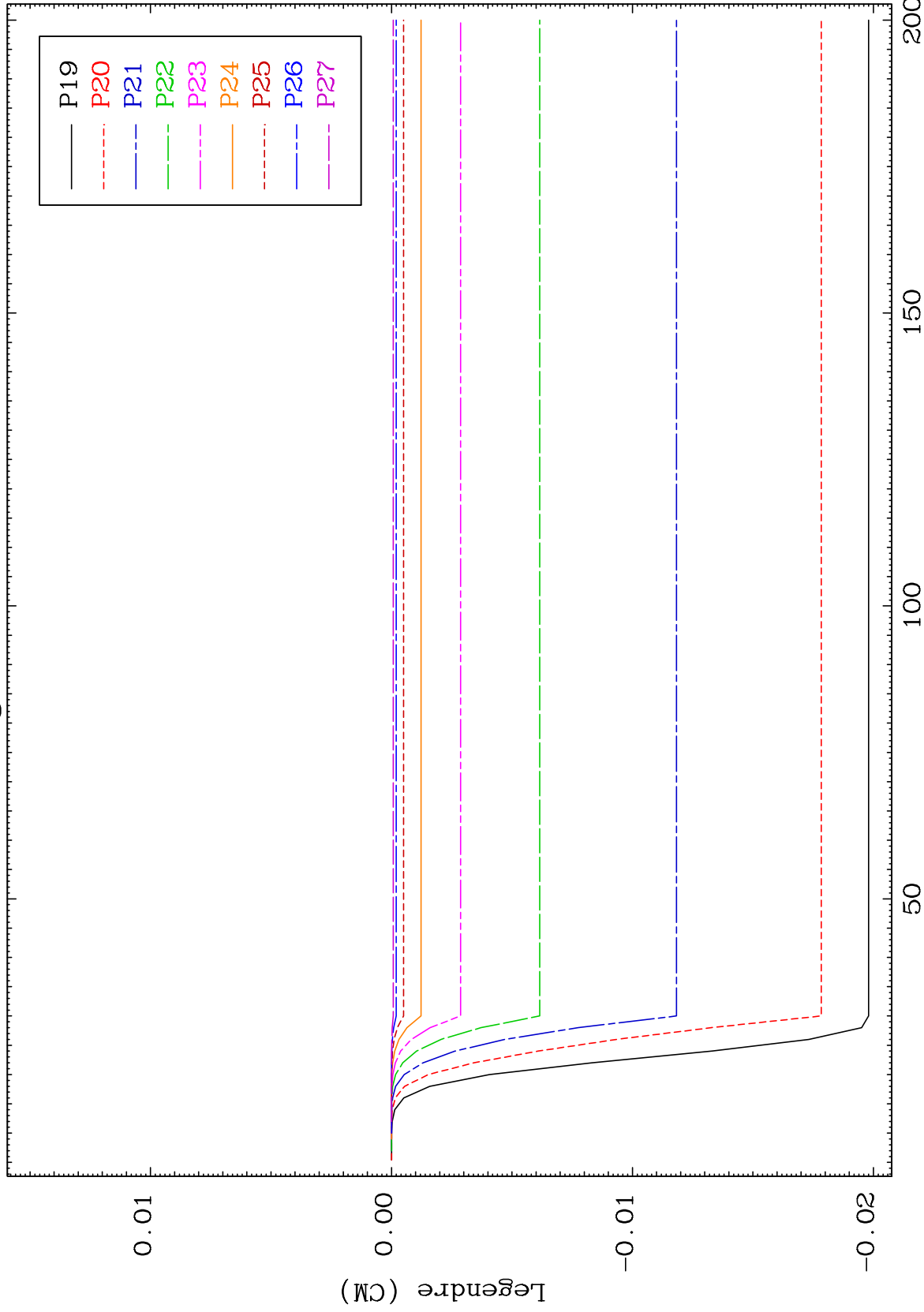
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



78

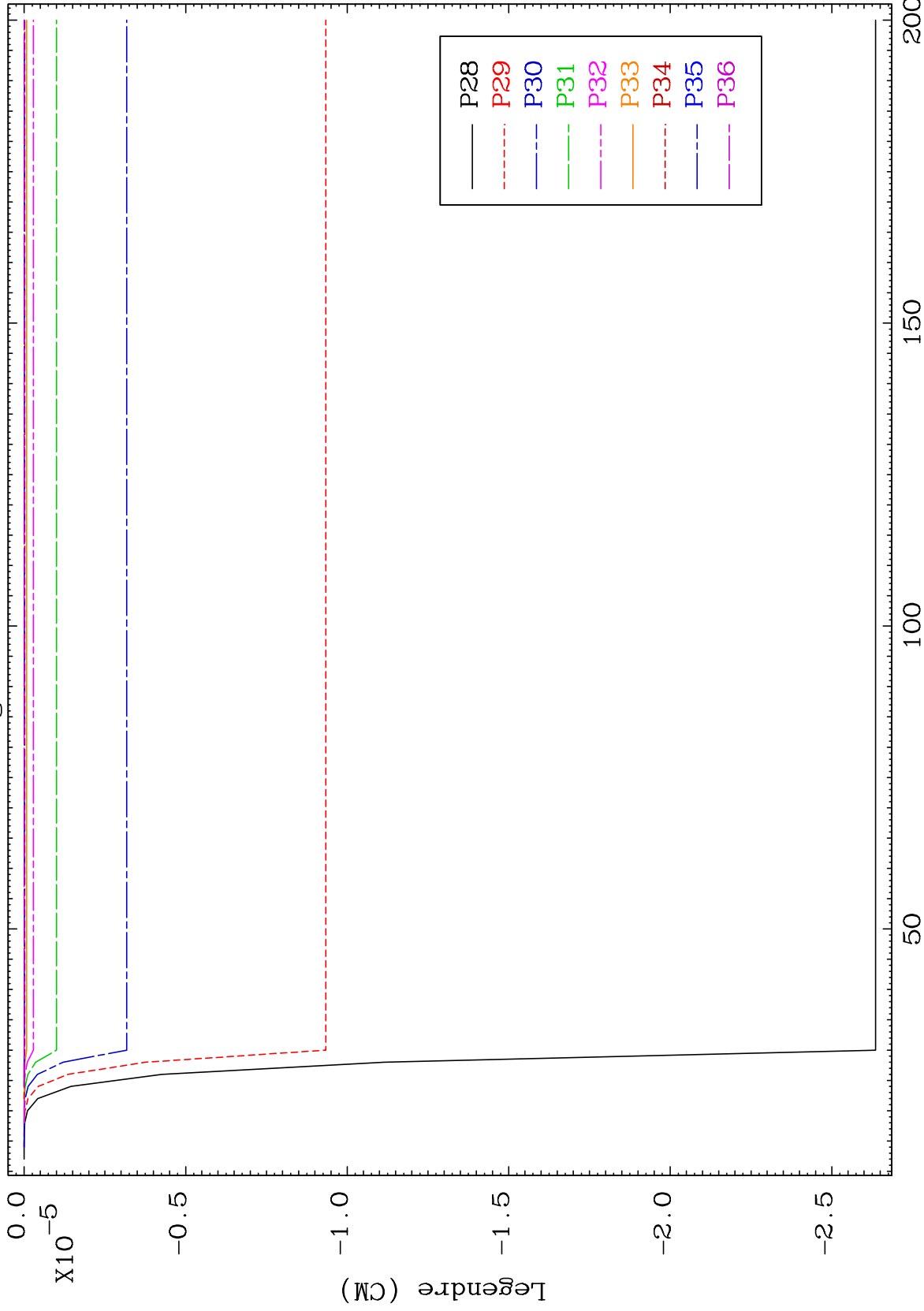
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

Incident Energy (MeV)

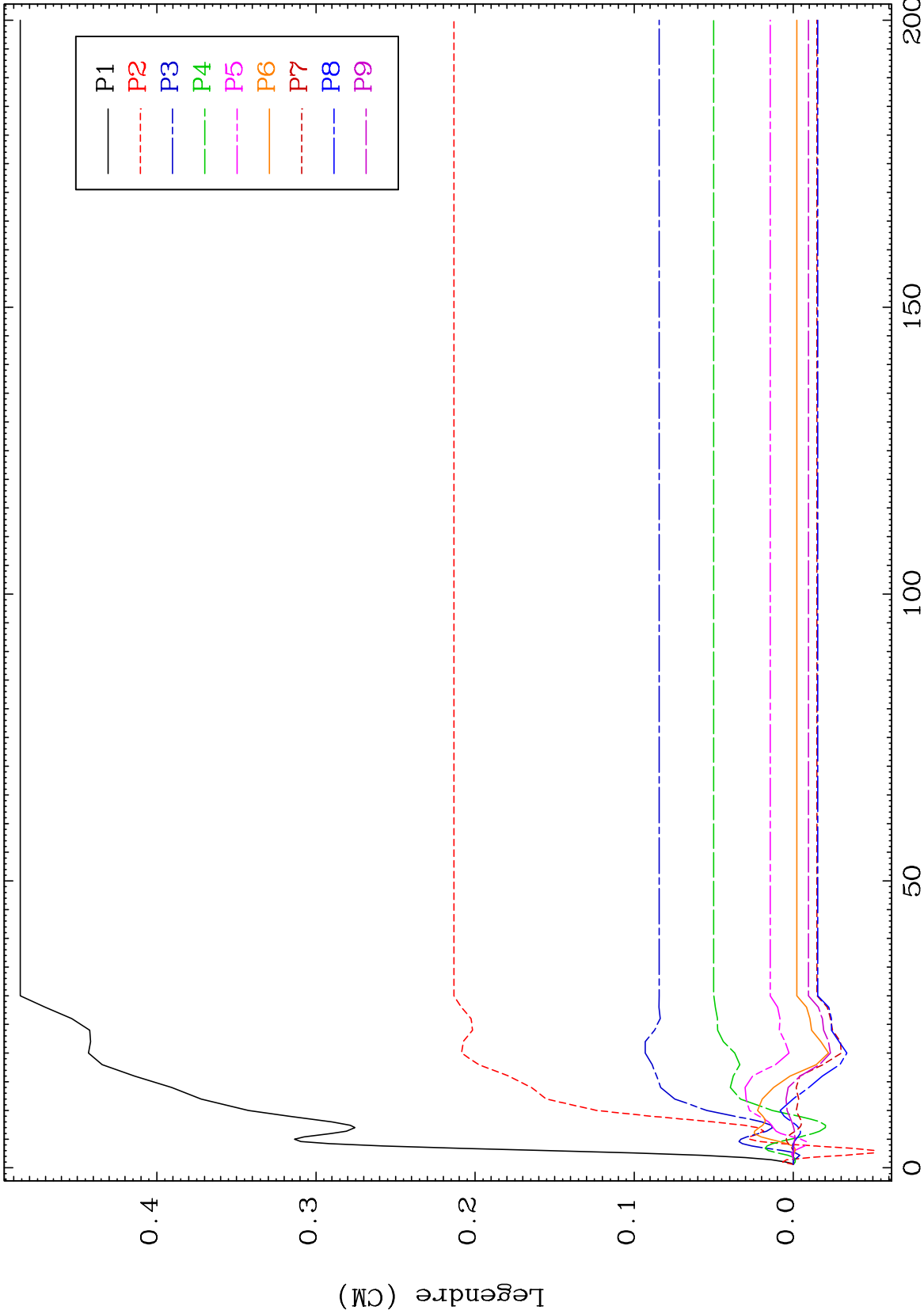
79



MAT 6816

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

68-Er-159



80

Incident Energy (MeV)

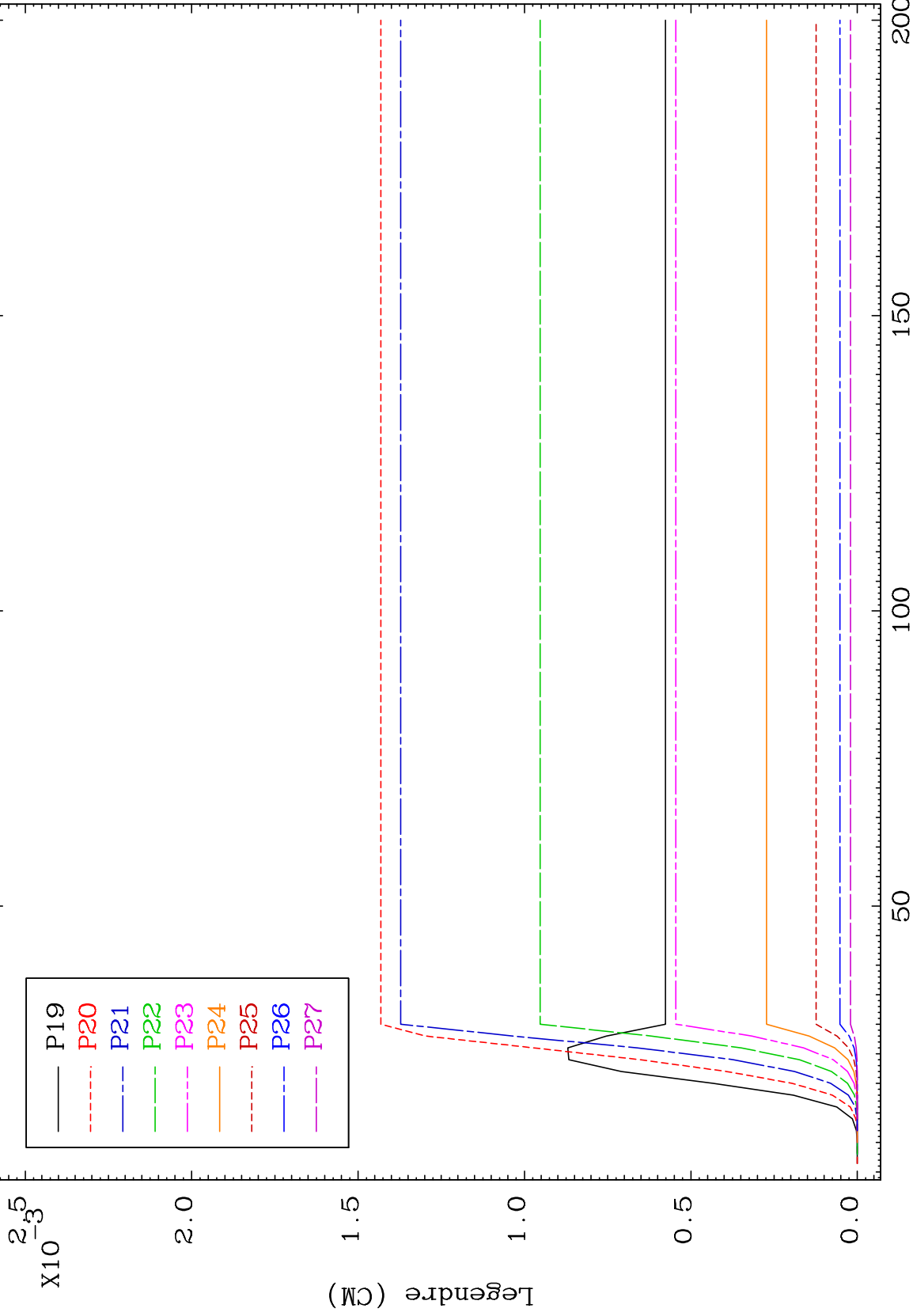
68-Er-159



MAT 6816

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

68-Er-159



82

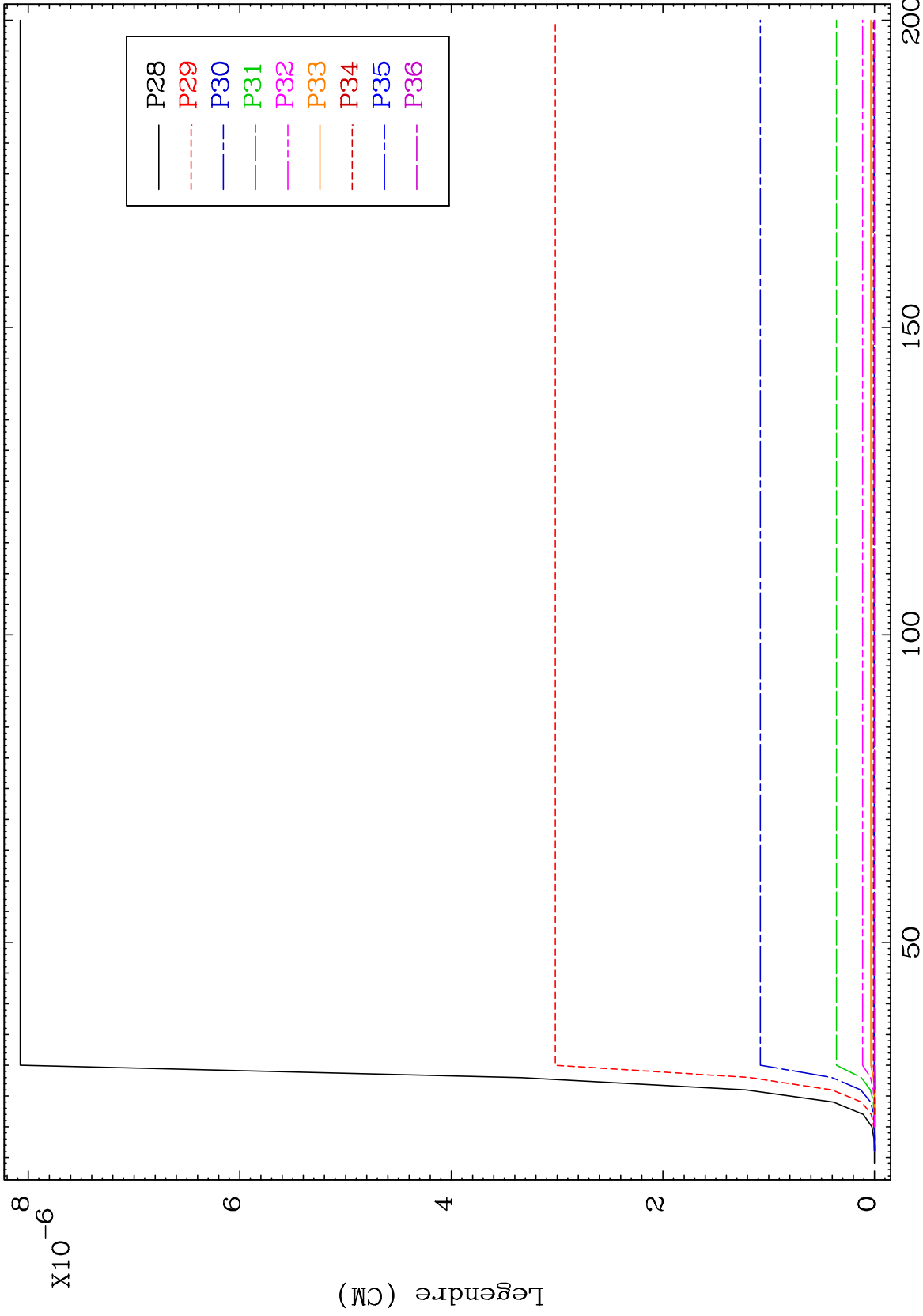
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



83

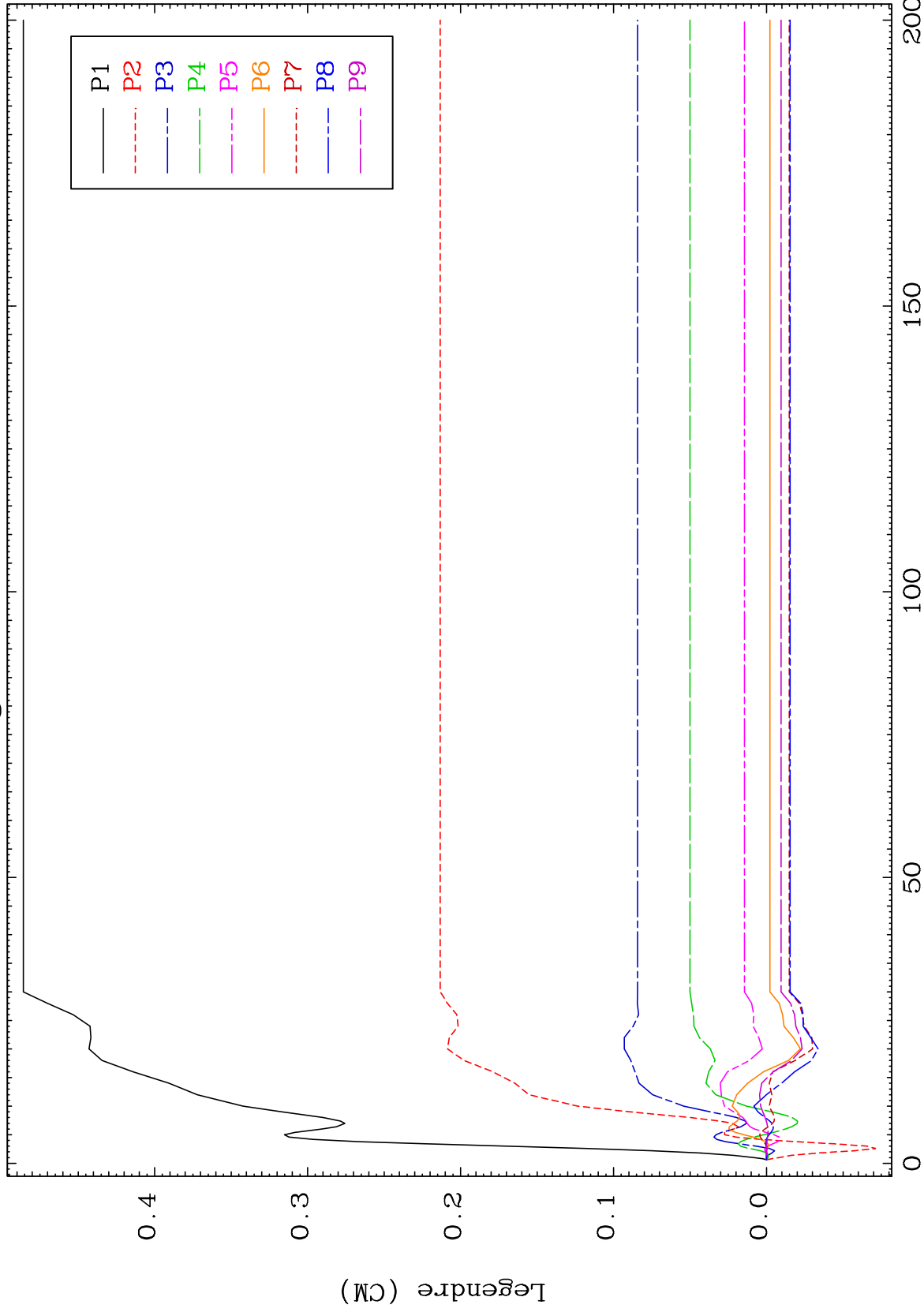
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



84

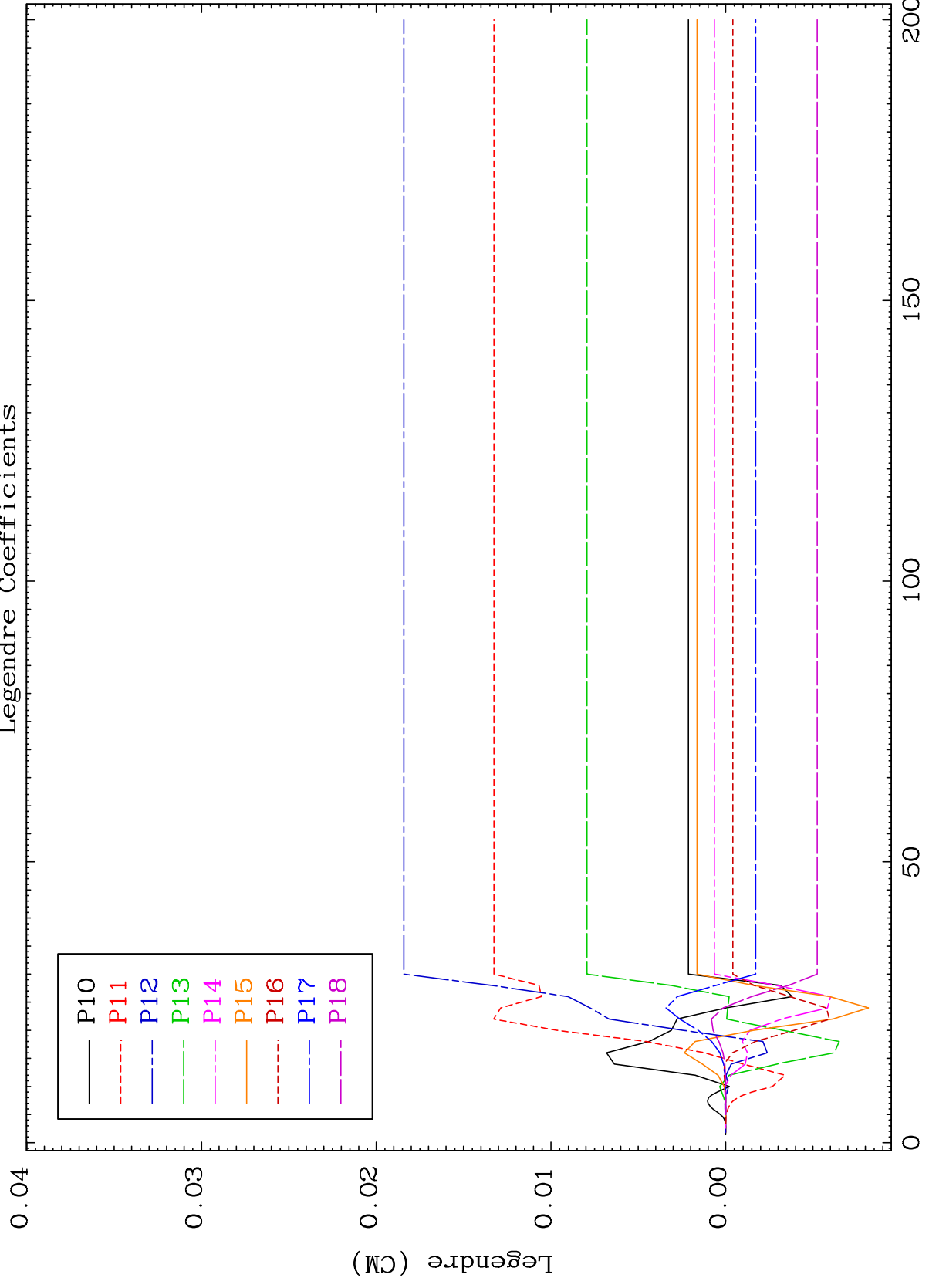
Incident Energy (MeV)

68-Er-159

68-Er-159

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

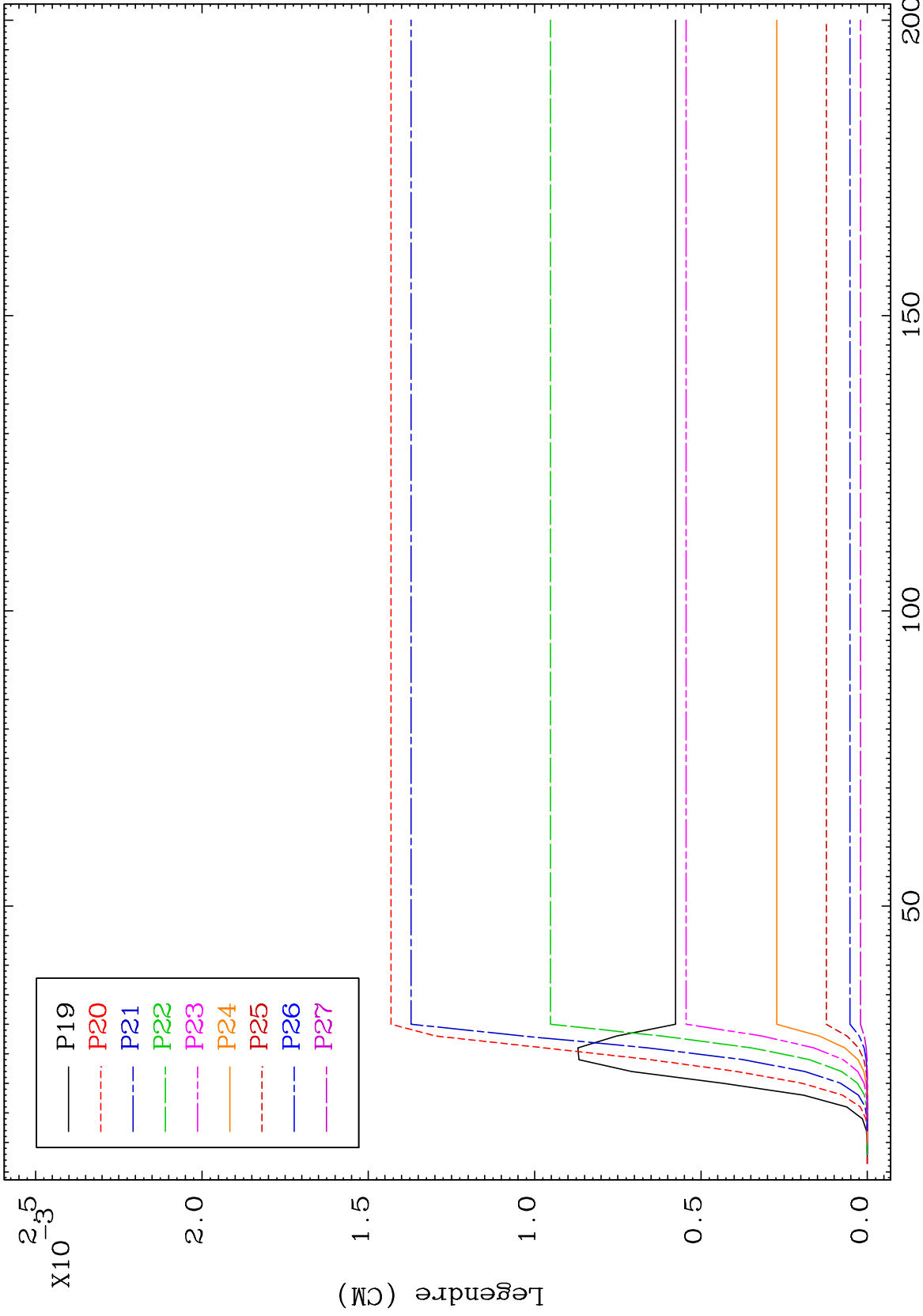
MAT 6816



68-Er-159

Incident Energy (MeV)

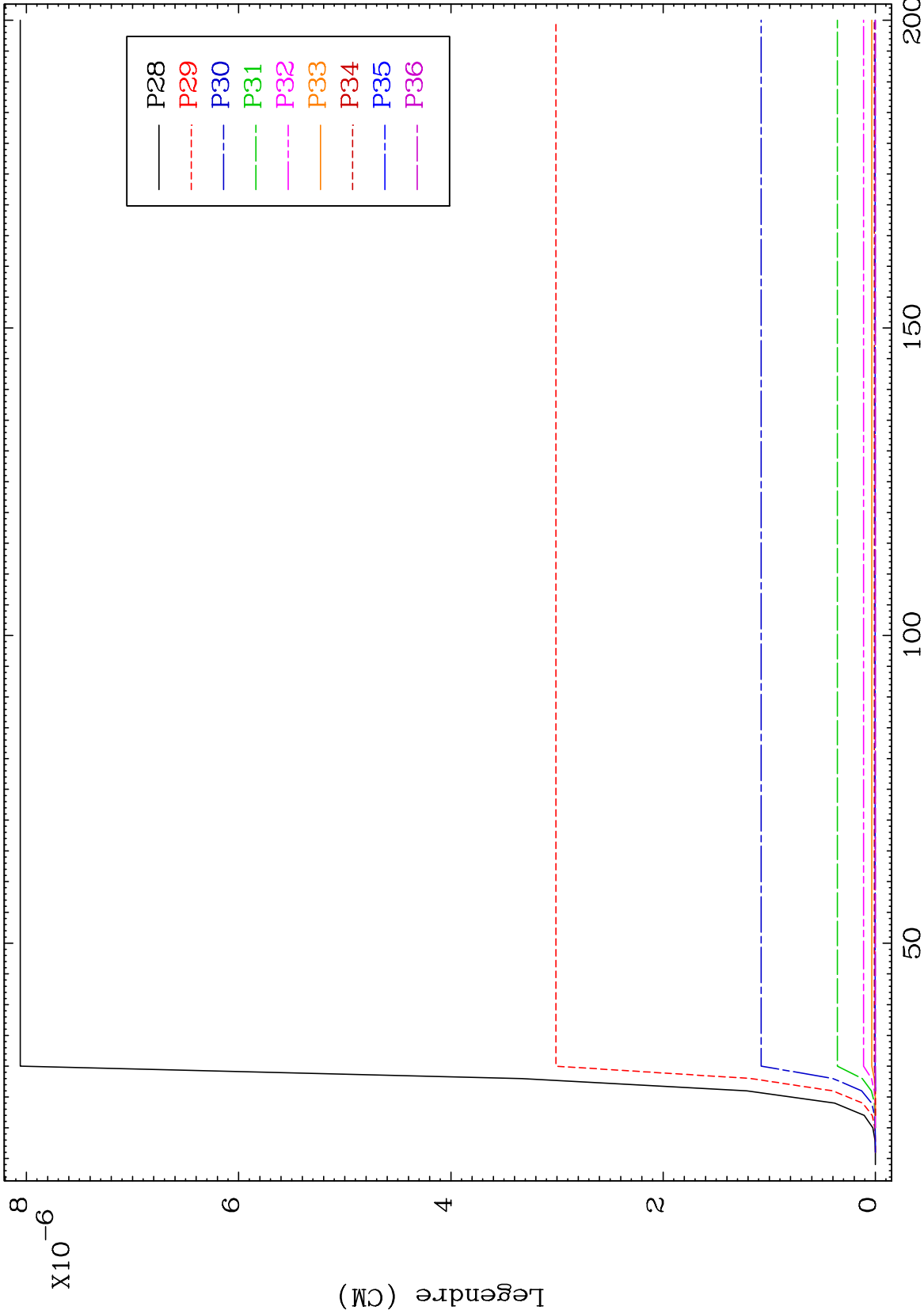
85



MAT 6816

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

68-Er-159



87

Incident Energy (MeV)

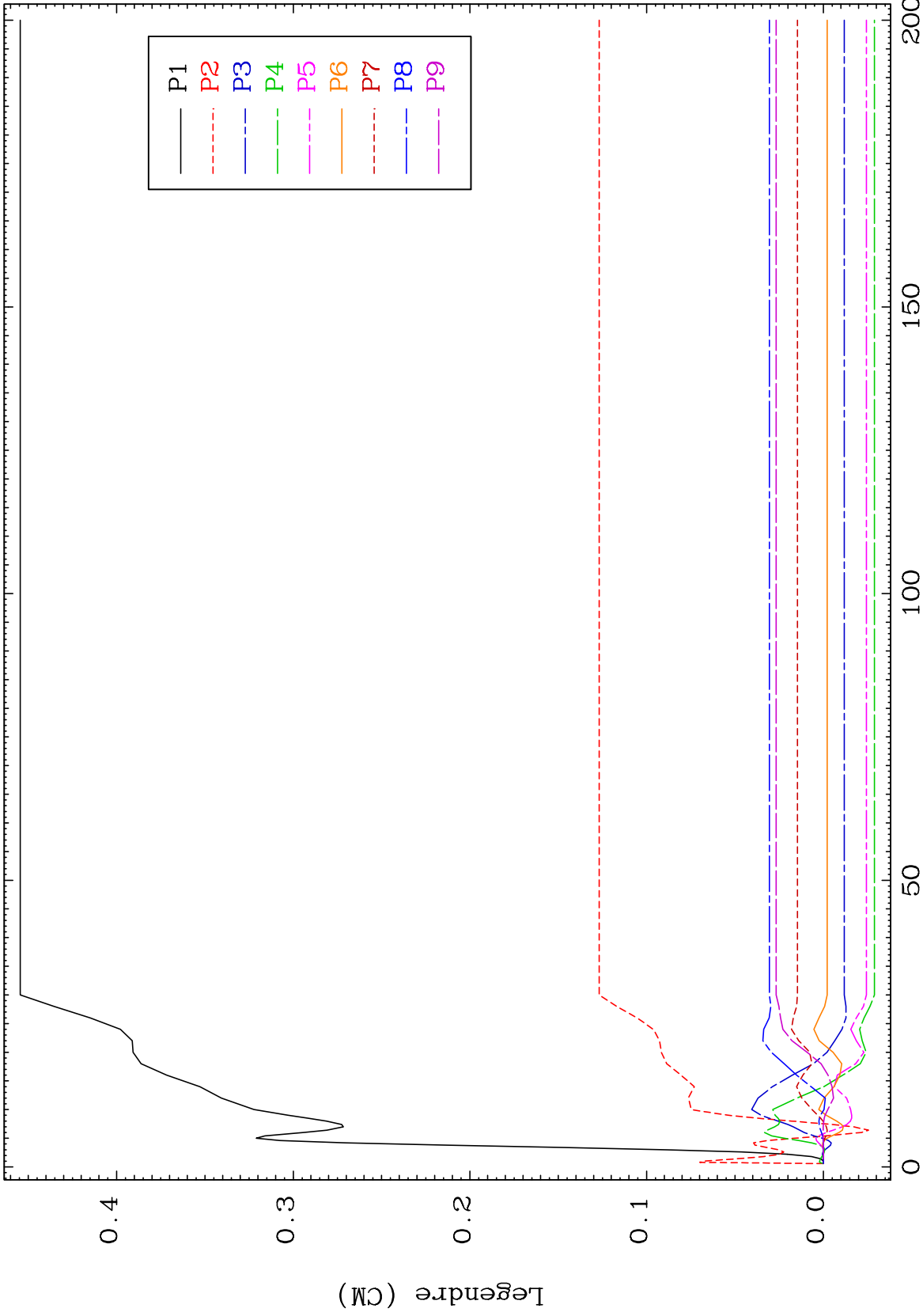
68-Er-159



MAT 6816

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

68-Er-159



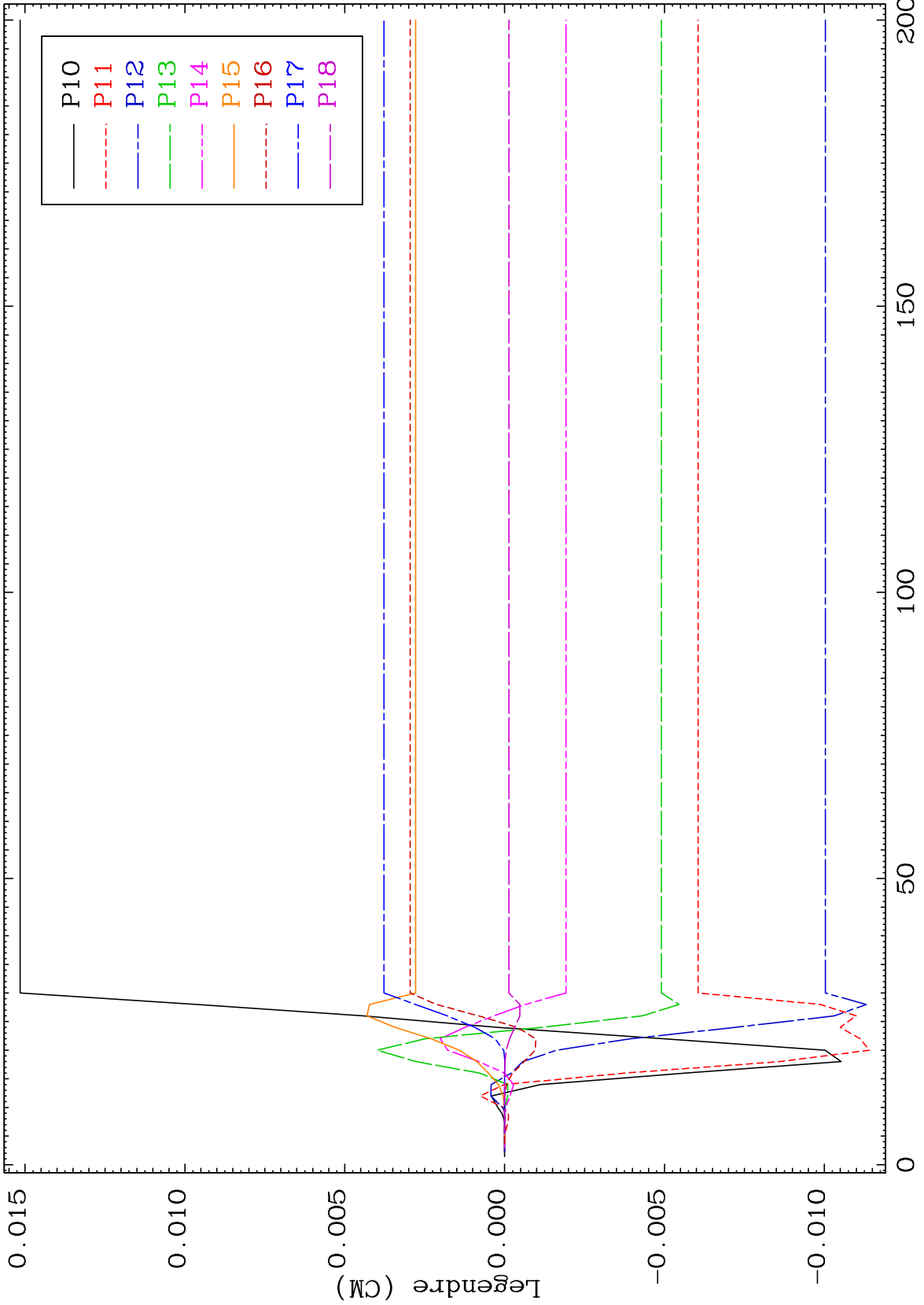
88

68-Er-159

MAT 6816

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

68-Er-159



89

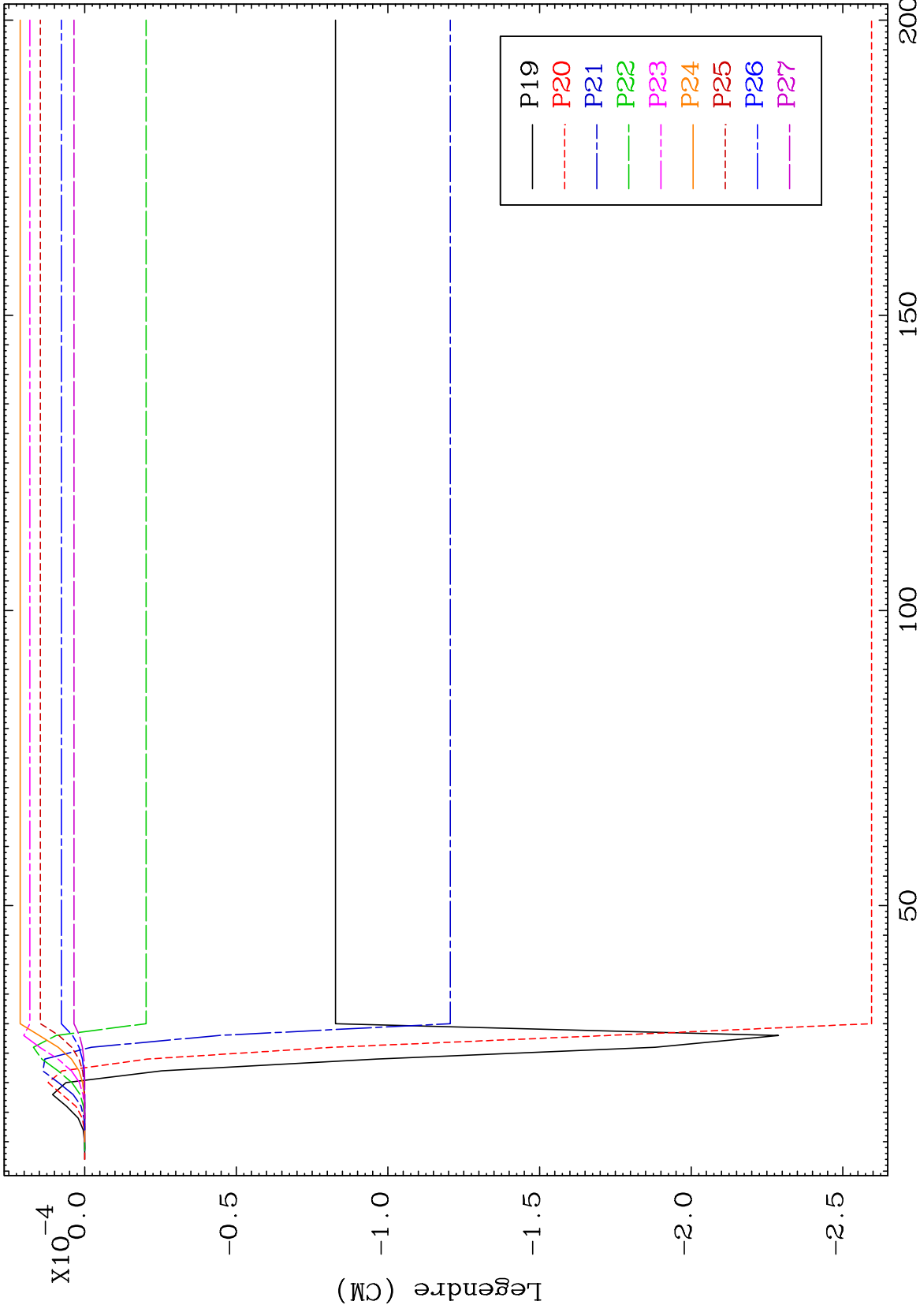
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



68-Er-159

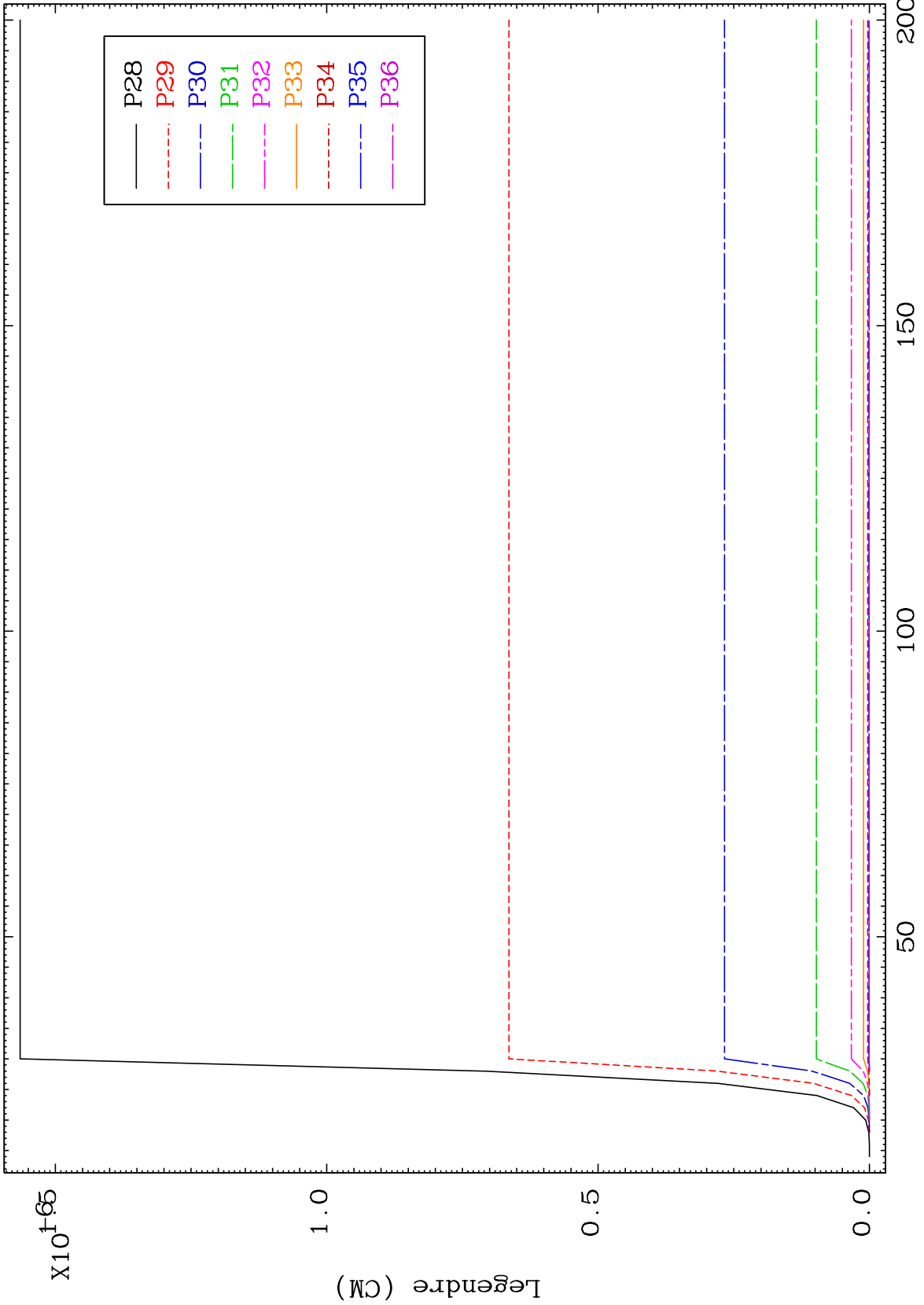
Incident Energy (MeV)

90

MAT 6816

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

68-Er-159



91

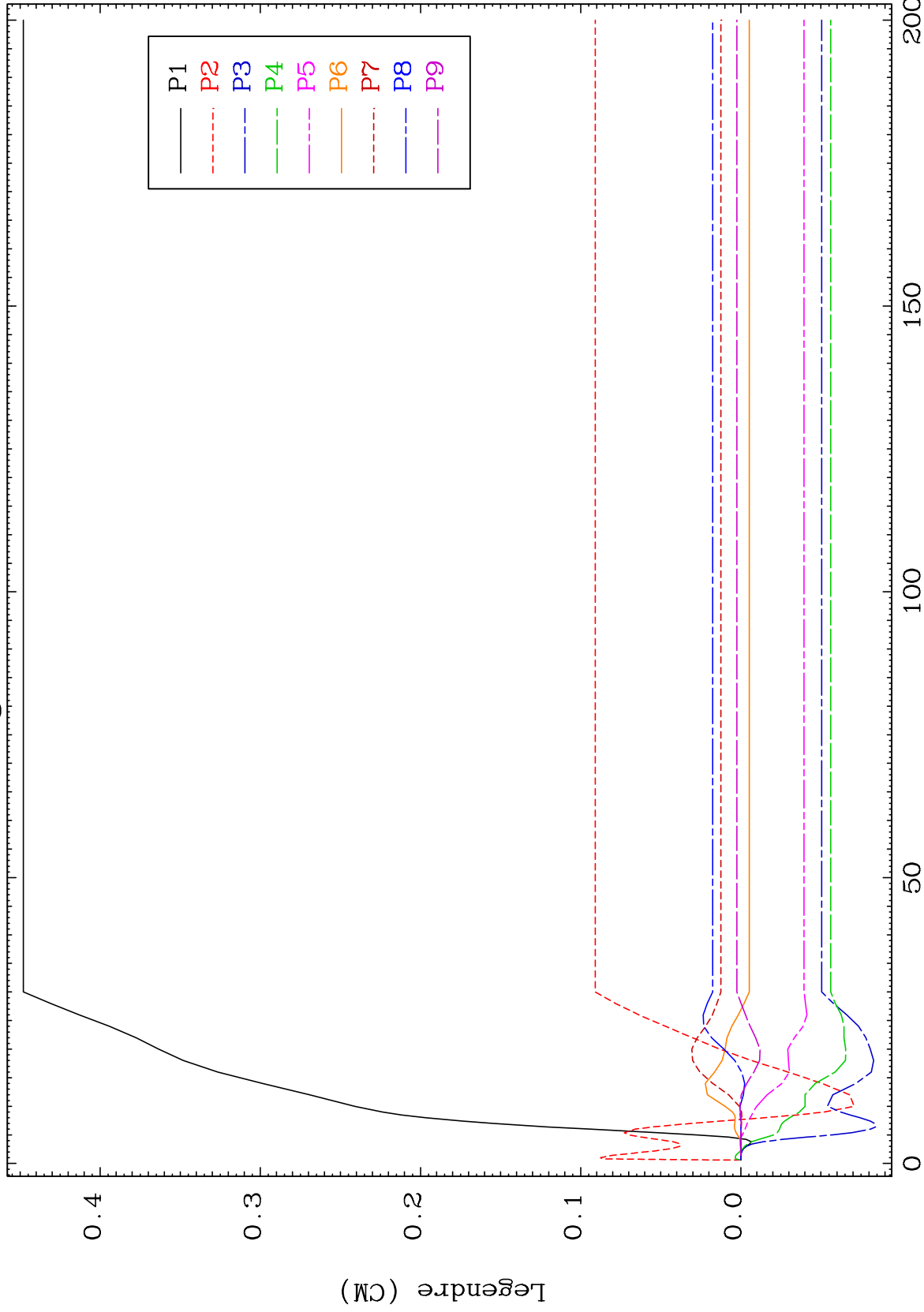
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



92

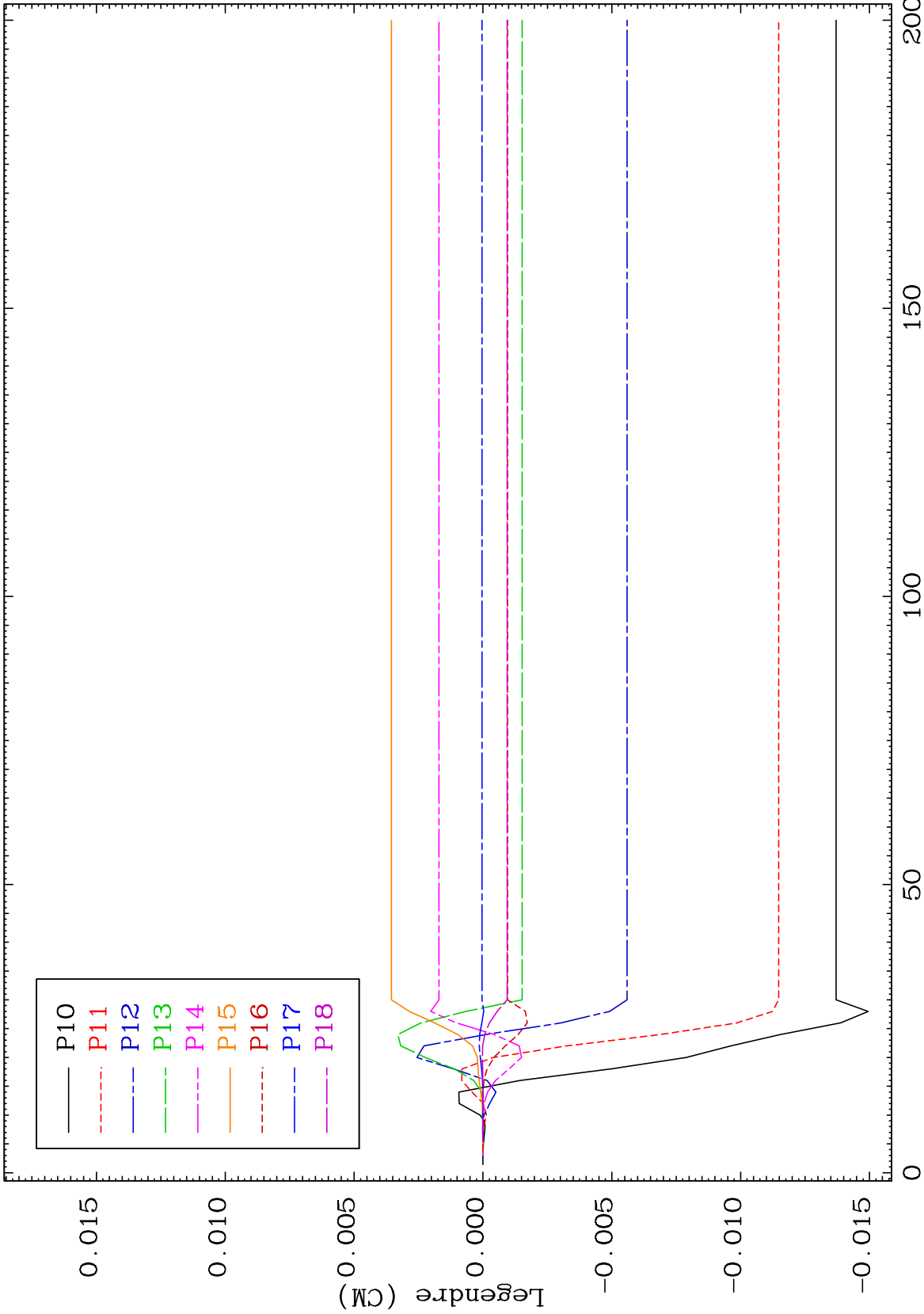
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



93

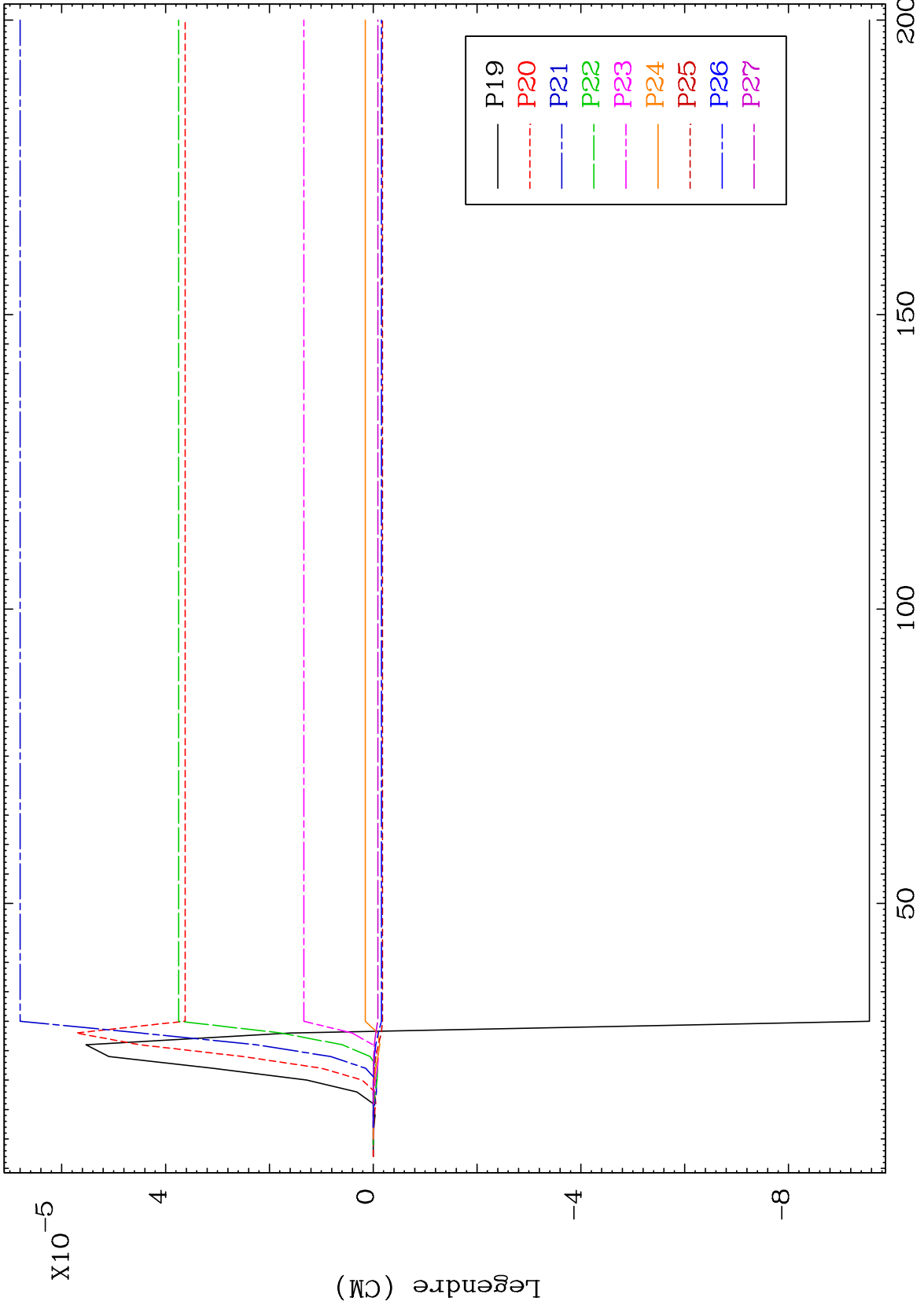
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159

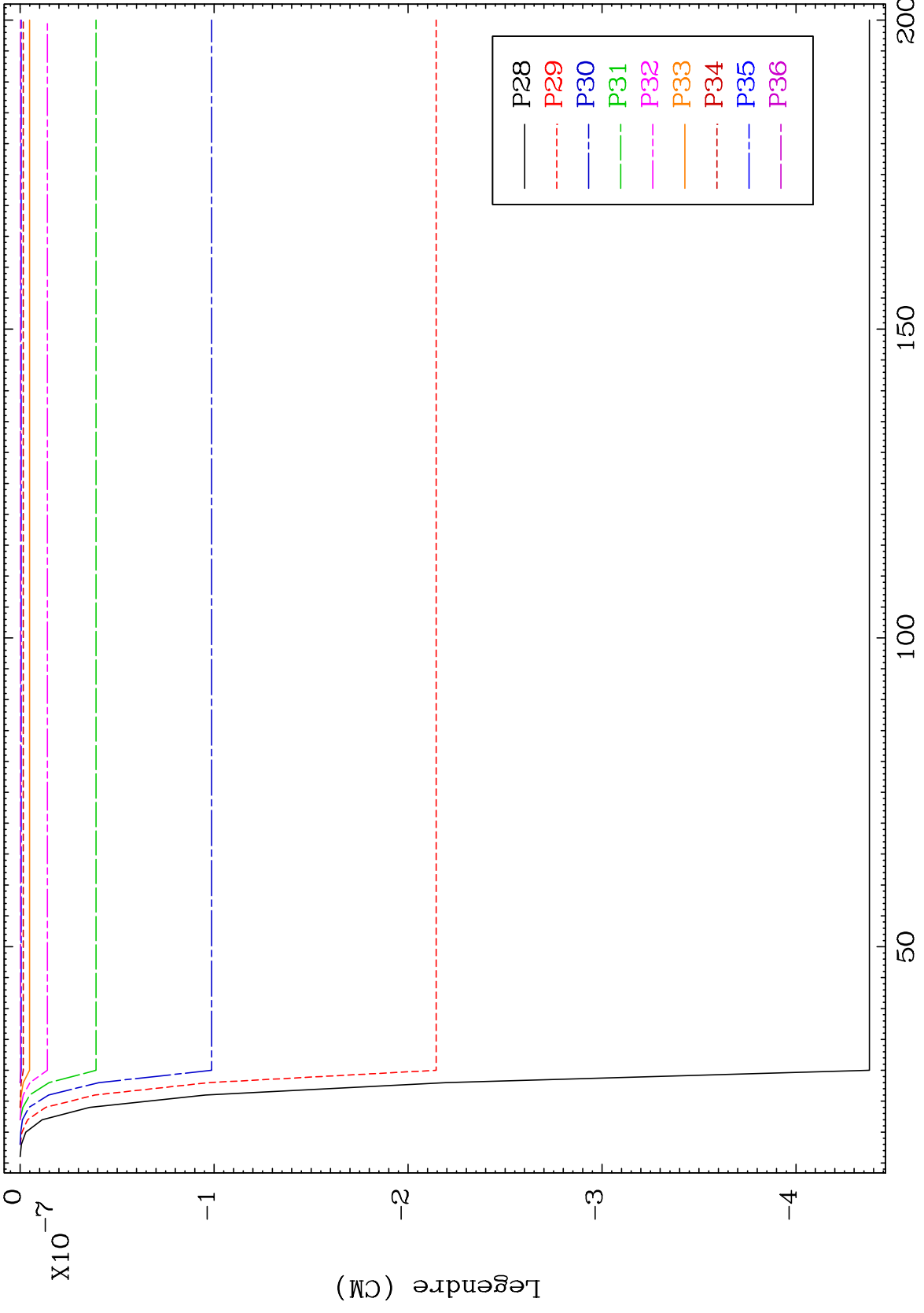


94

Incident Energy (MeV)

68-Er-159

MAT 6816 MT= 69 (n,n') Level Legendre Coefficients 68-Er-159



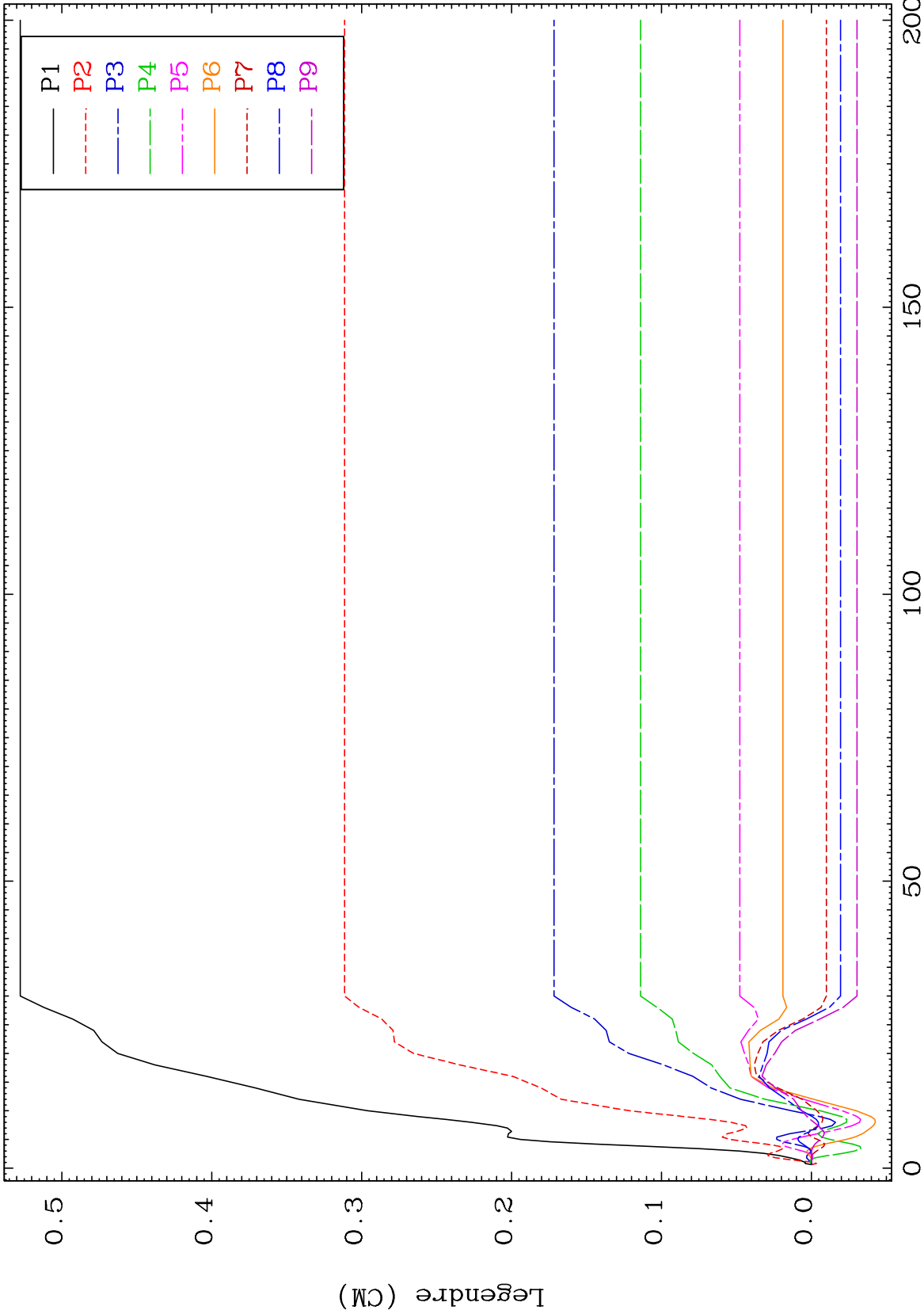
95 Incident Energy (MeV) 68-Er-159



MAT 6816

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

68-Er-159



96

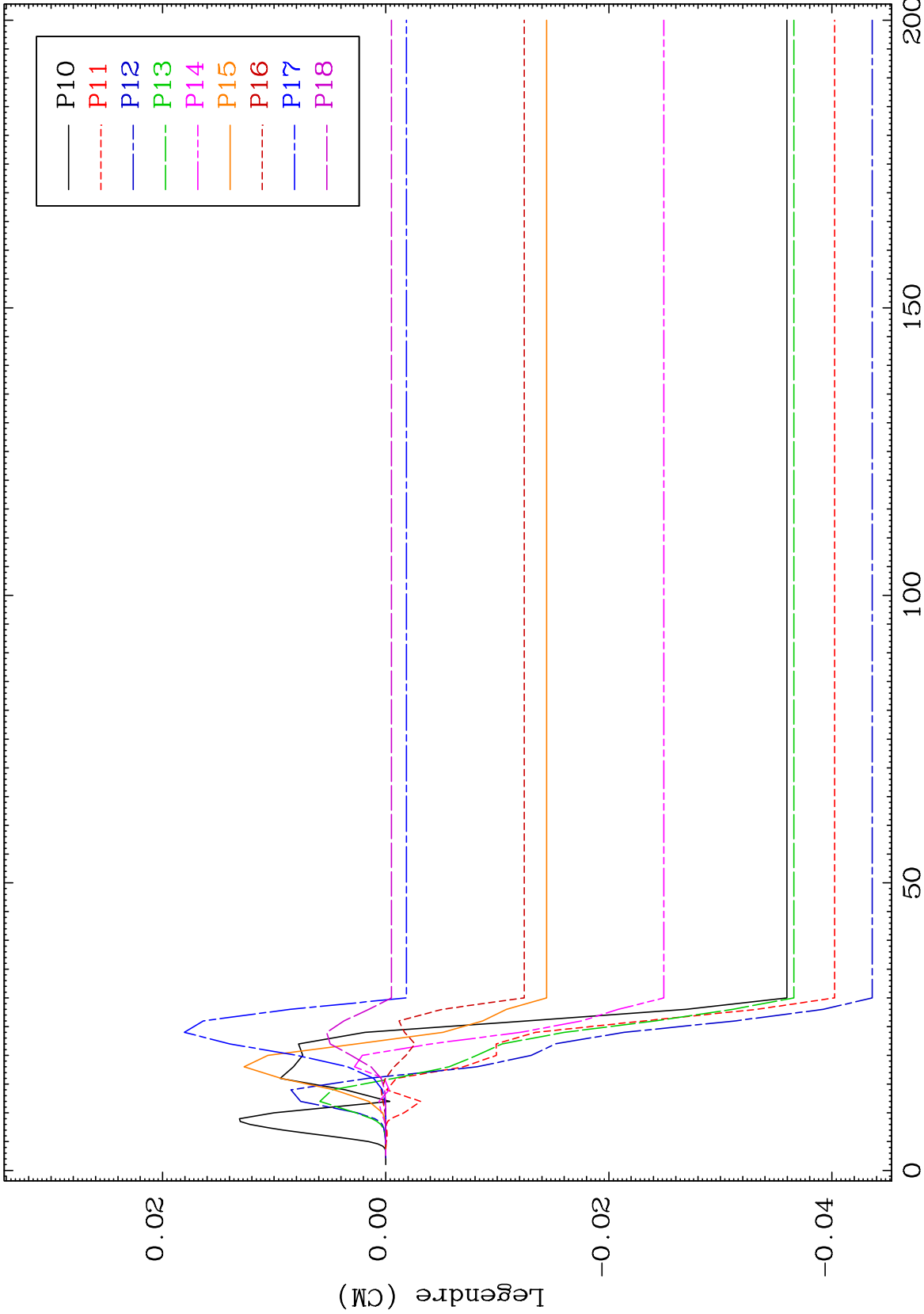
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



97

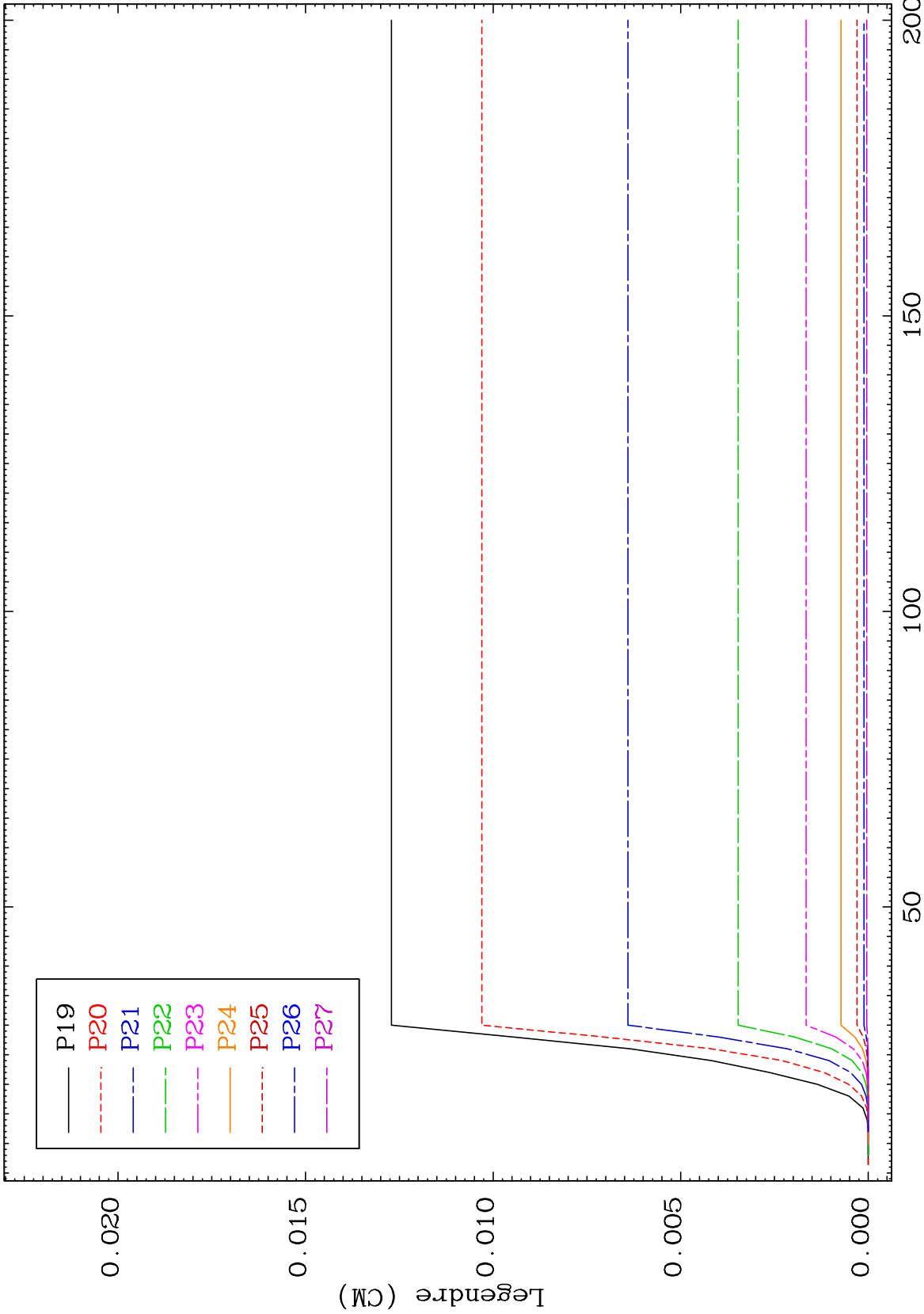
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



98

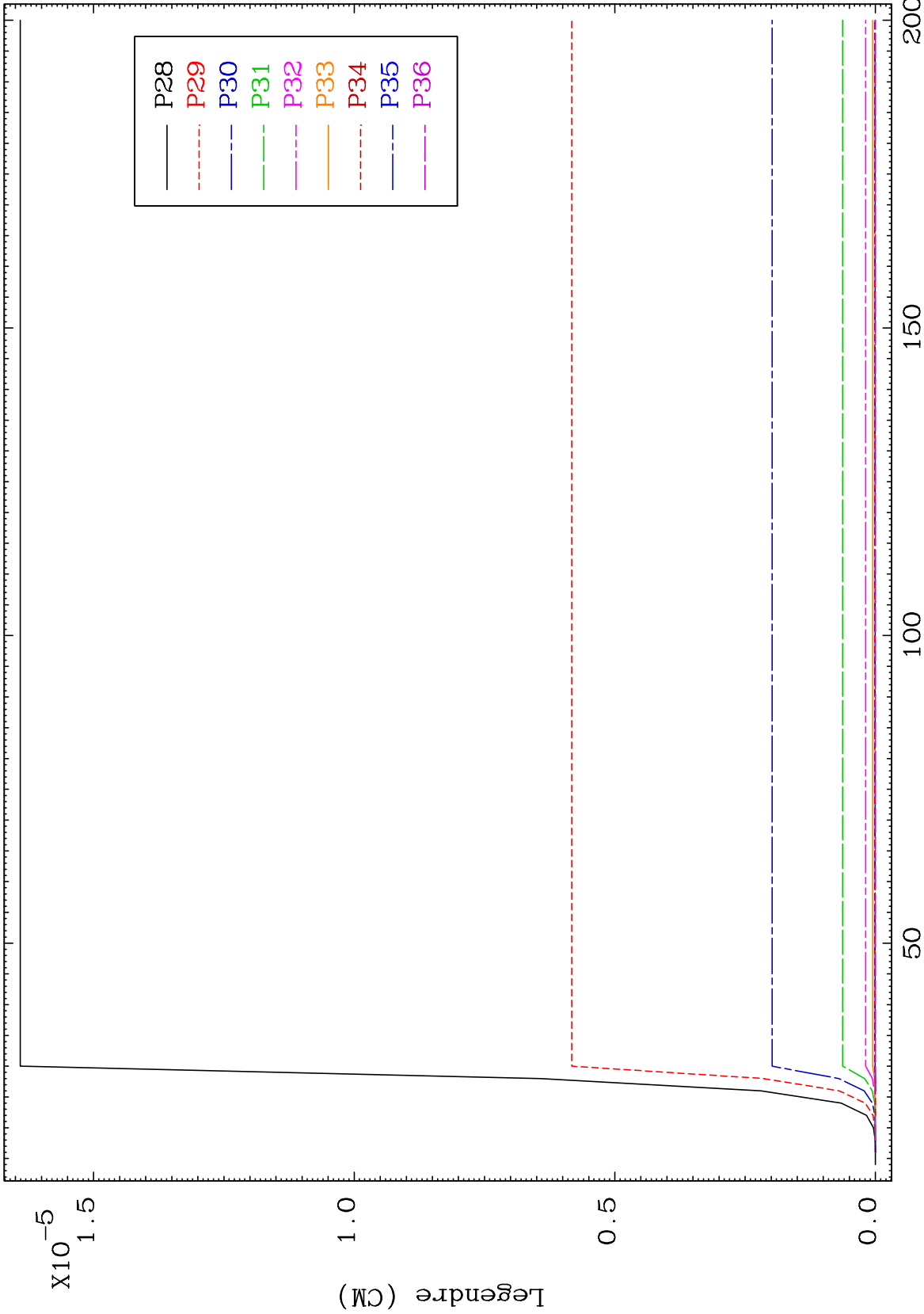
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



99

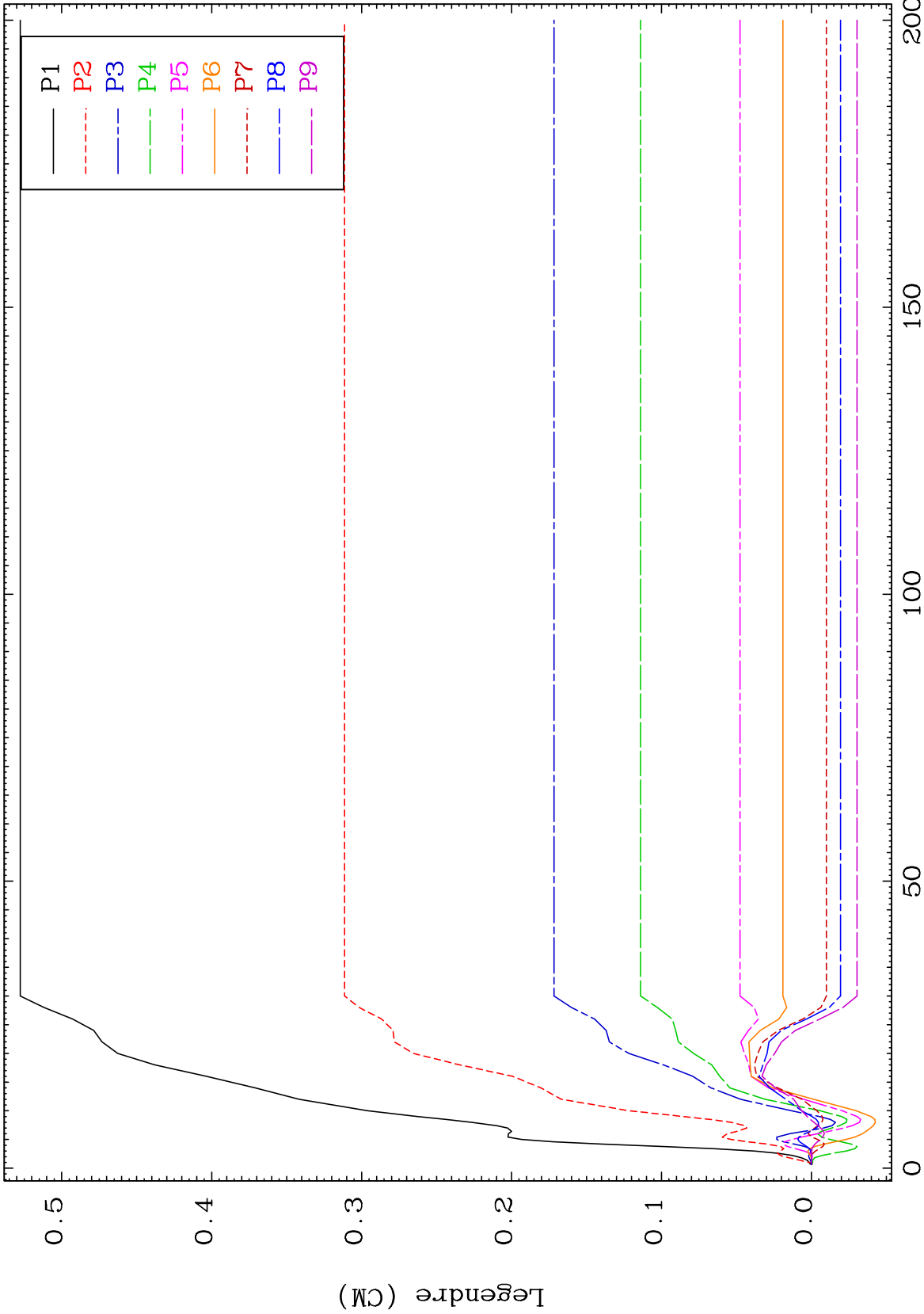
Incident Energy (MeV)

68-Er-159

MAT 6816

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

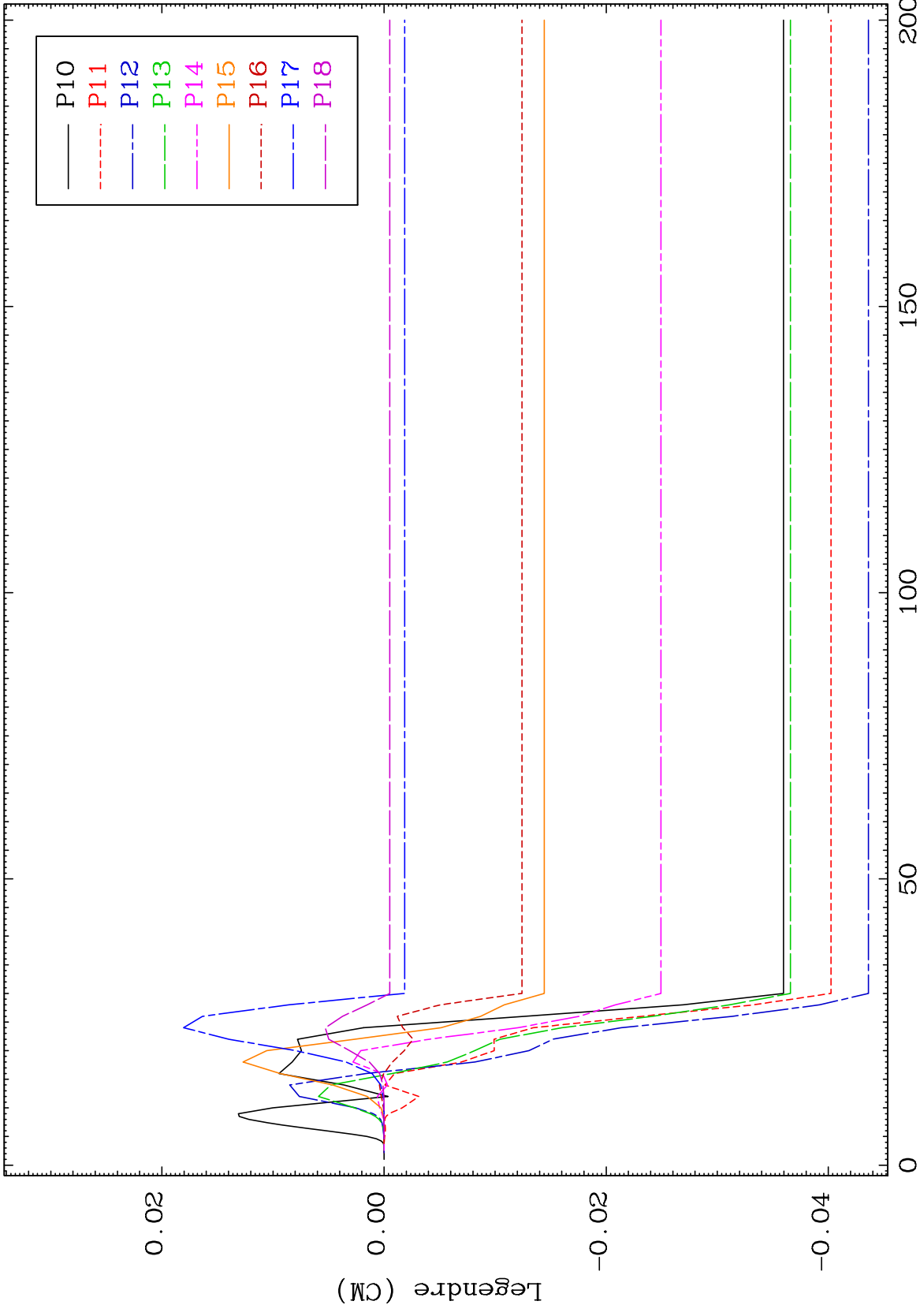
68-Er-159



MAT 6816

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

68-Er-159



101

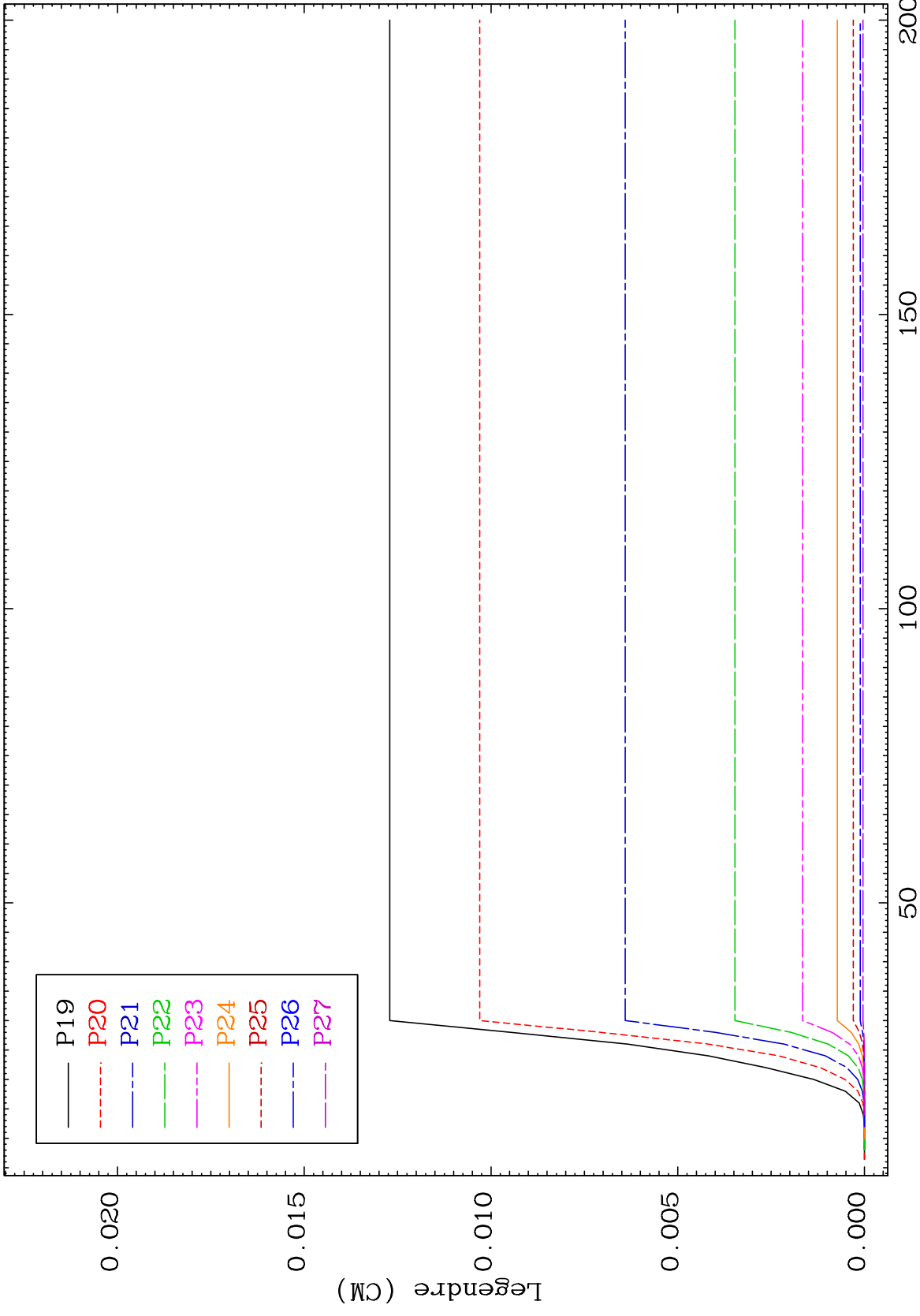
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



102

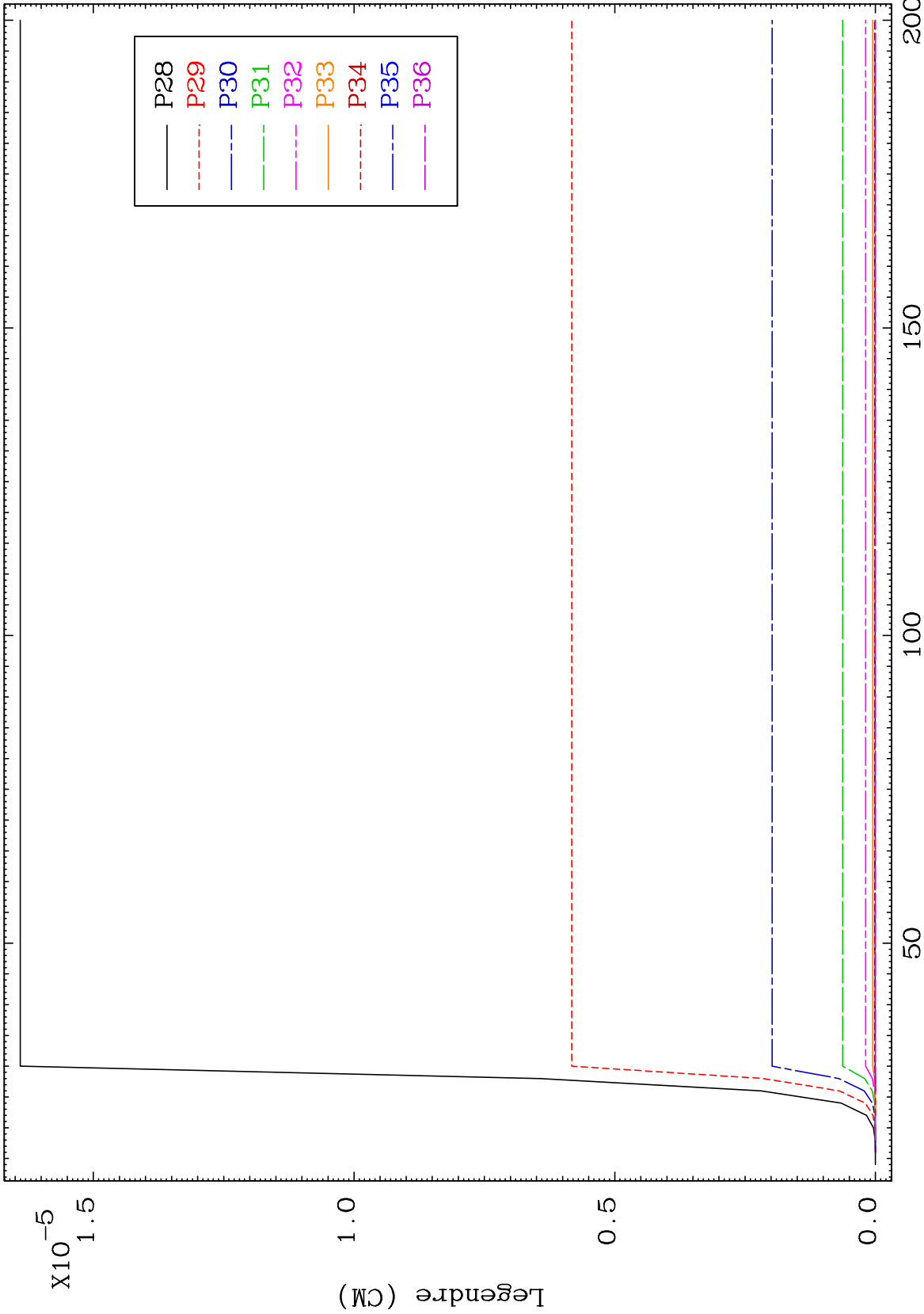
Incident Energy (MeV)

68-Er-159

MAT 6816

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

68-Er-159



103

Incident Energy (MeV)

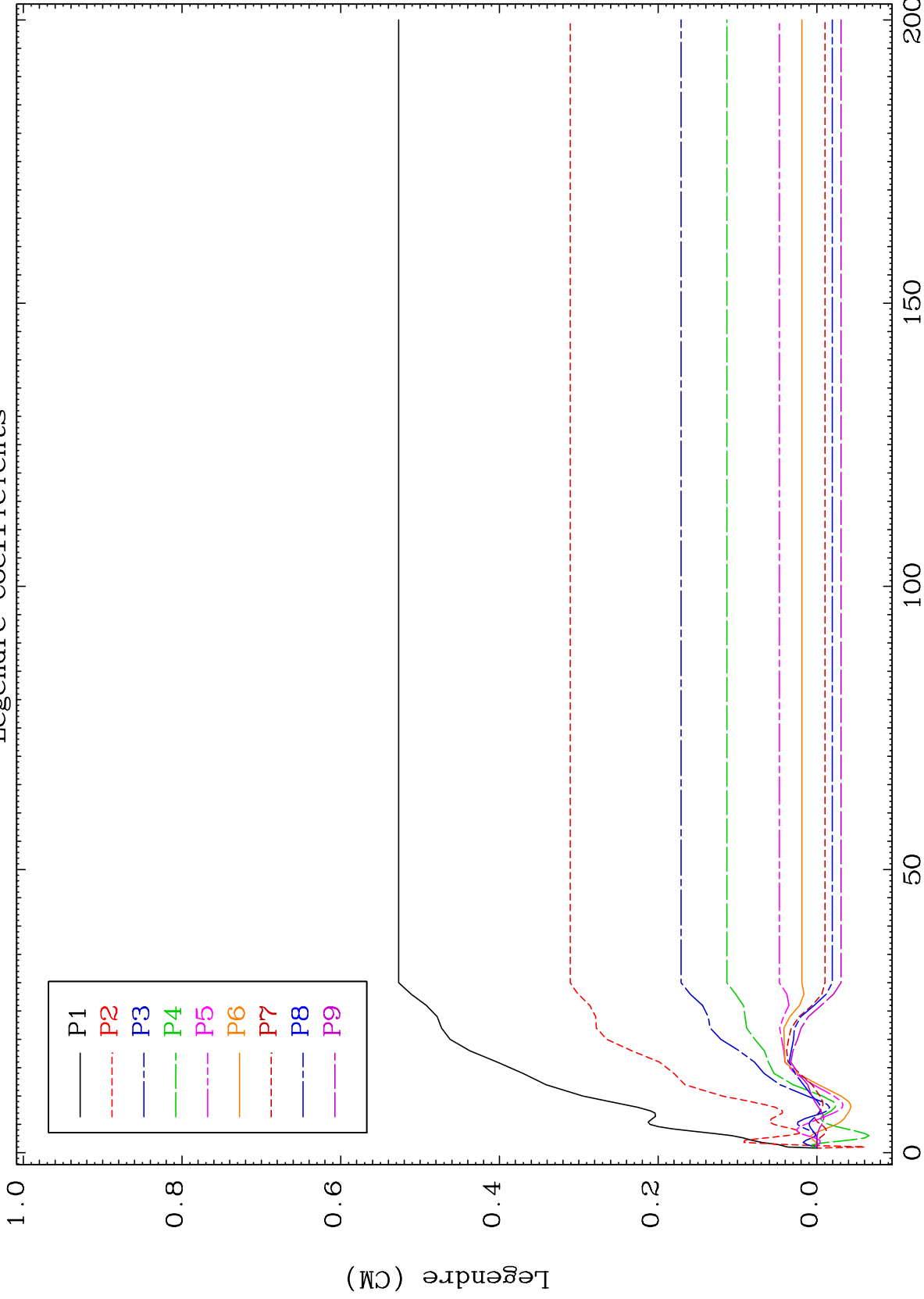
68-Er-159



MAT 6816

MT= 72 (n,n') Level  
Legendre Coefficients

68-Er-159



104

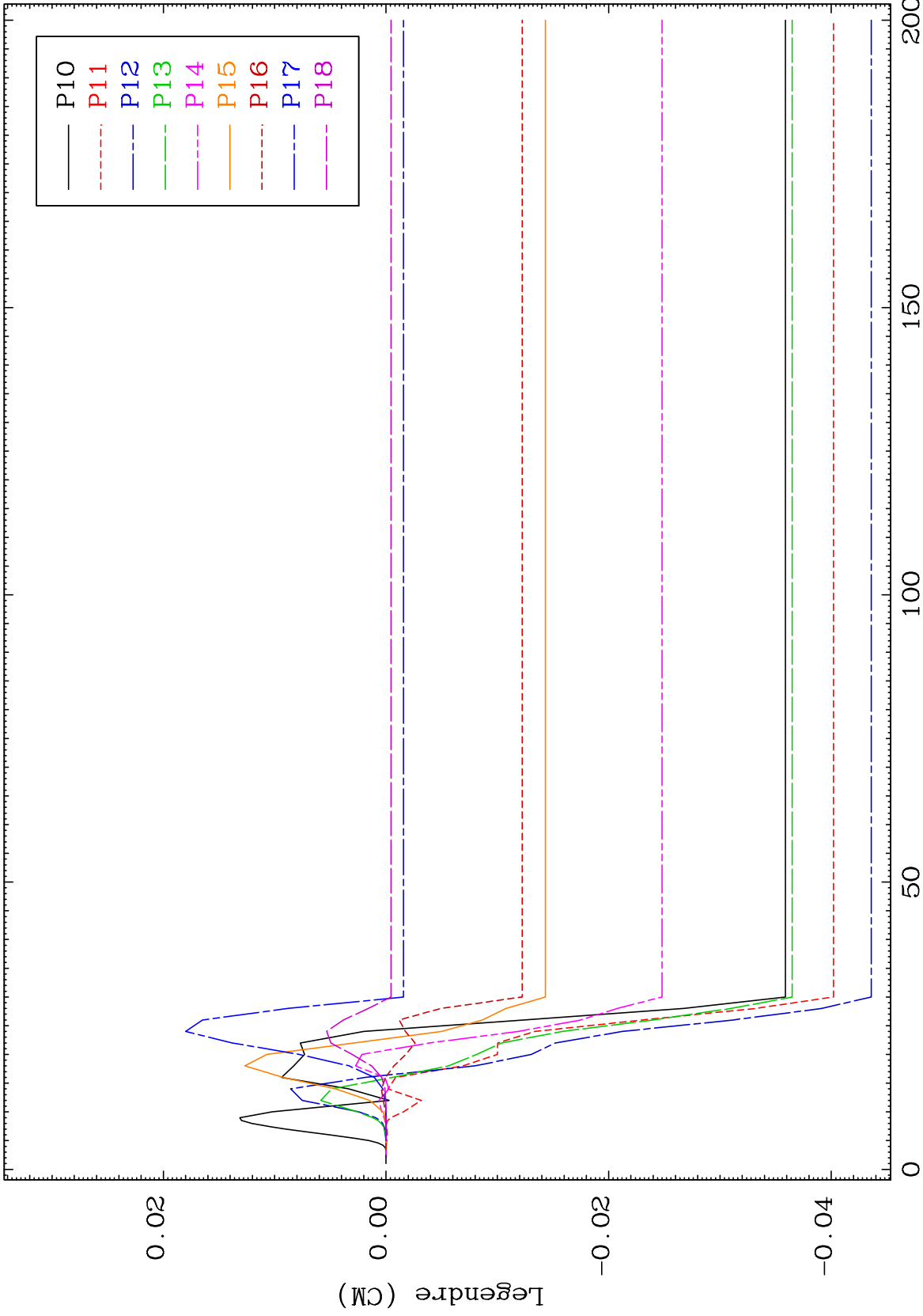
68-Er-159

68-Er-159

MAT 6816

MT= 72 (n,n') Level  
Legendre Coefficients

68-Er-159



105

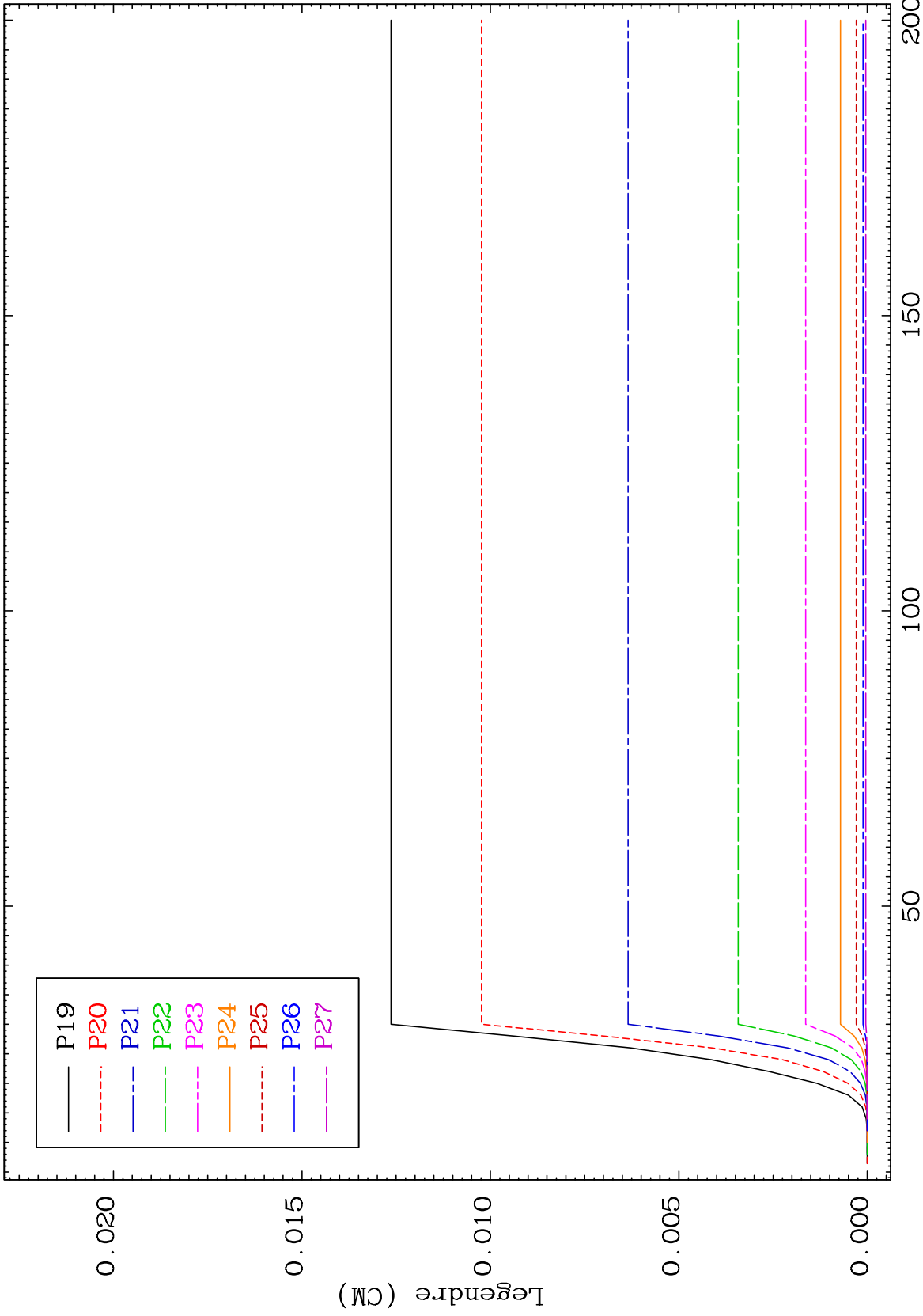
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 72 (n,n') Level  
Legendre Coefficients

68-Er-159



106

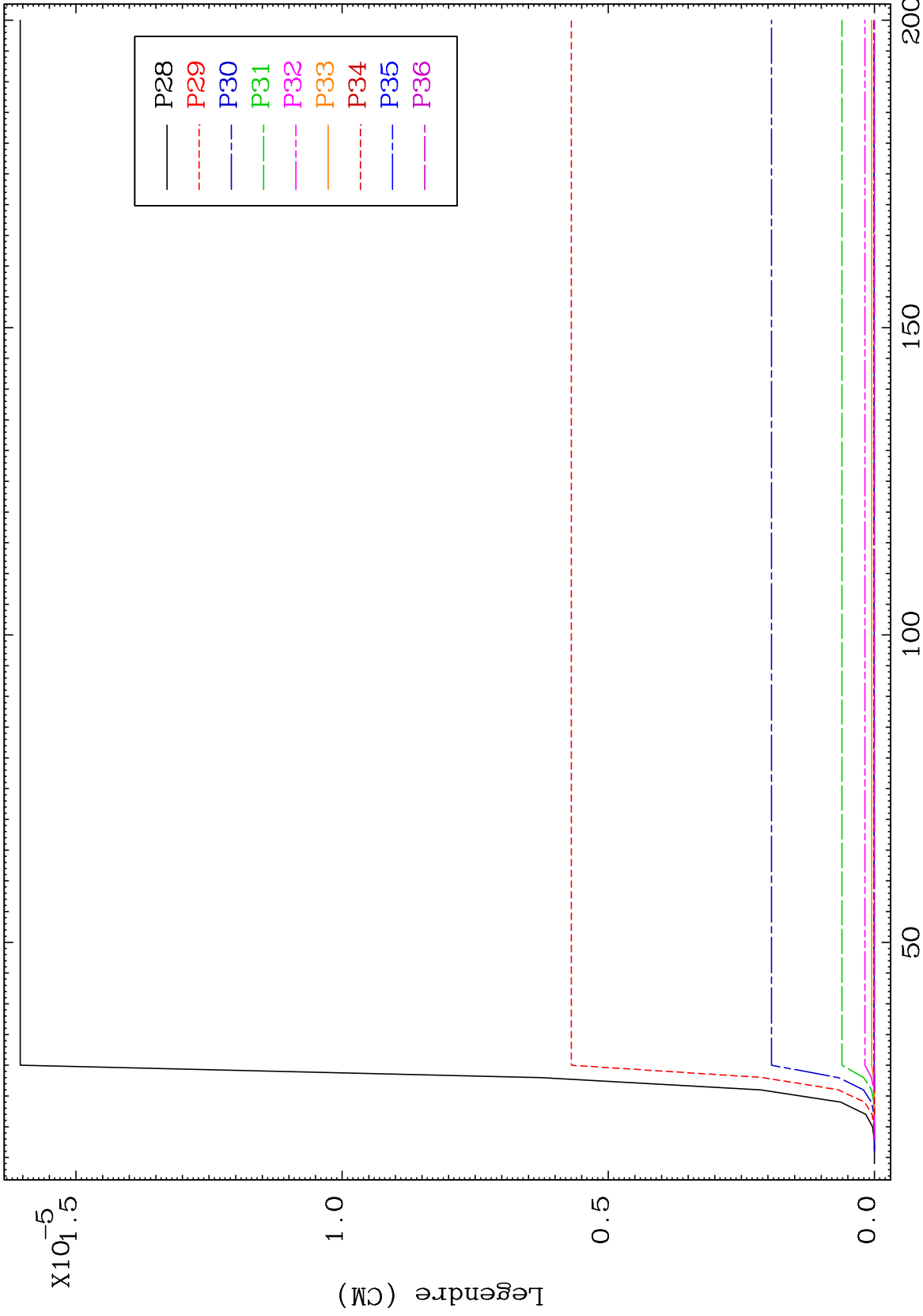
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 72 (n,n') Level  
Legendre Coefficients

68-Er-159



107

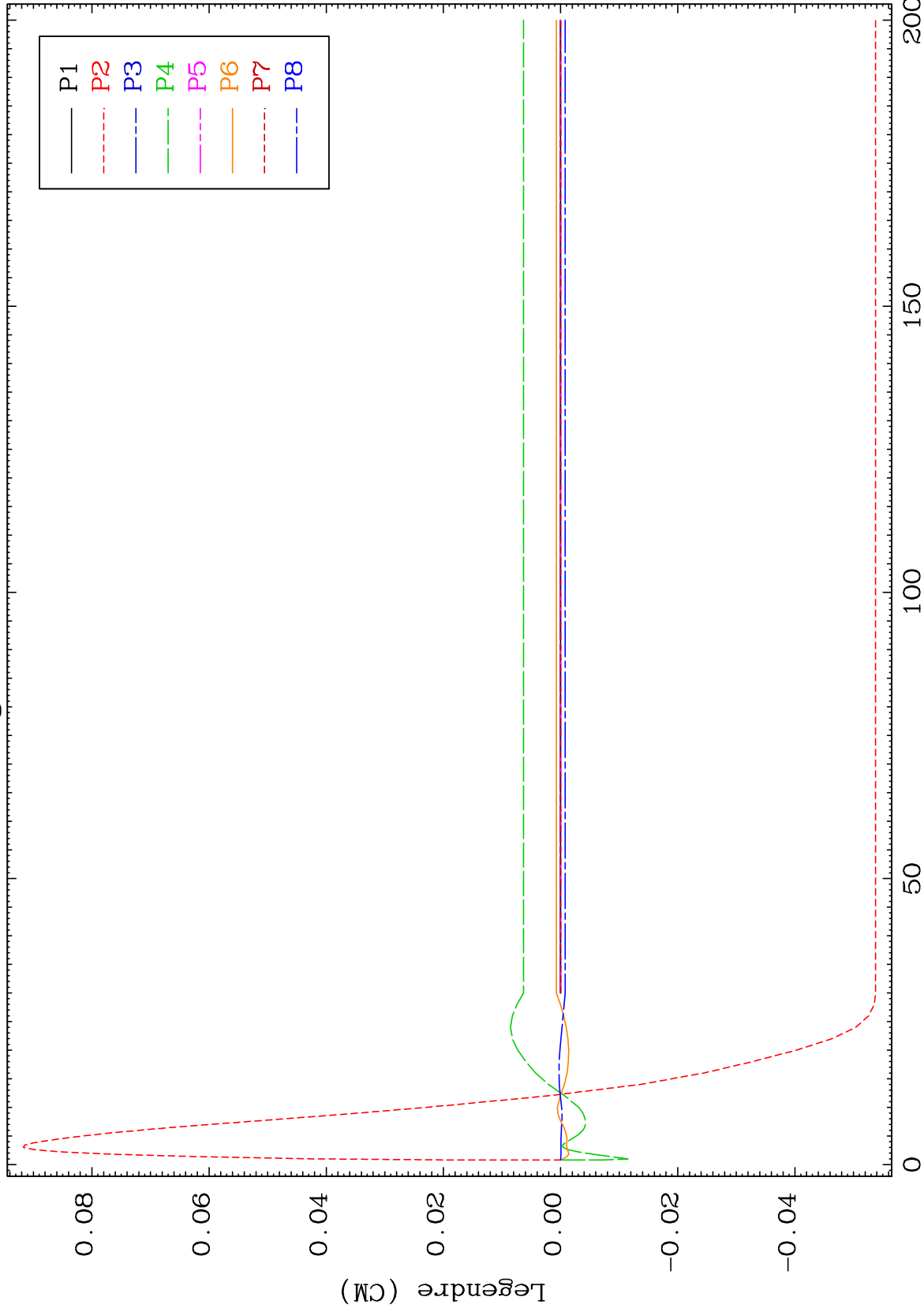
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 73 (n,n') Level  
Legendre Coefficients

68-Er-159



68-Er-159

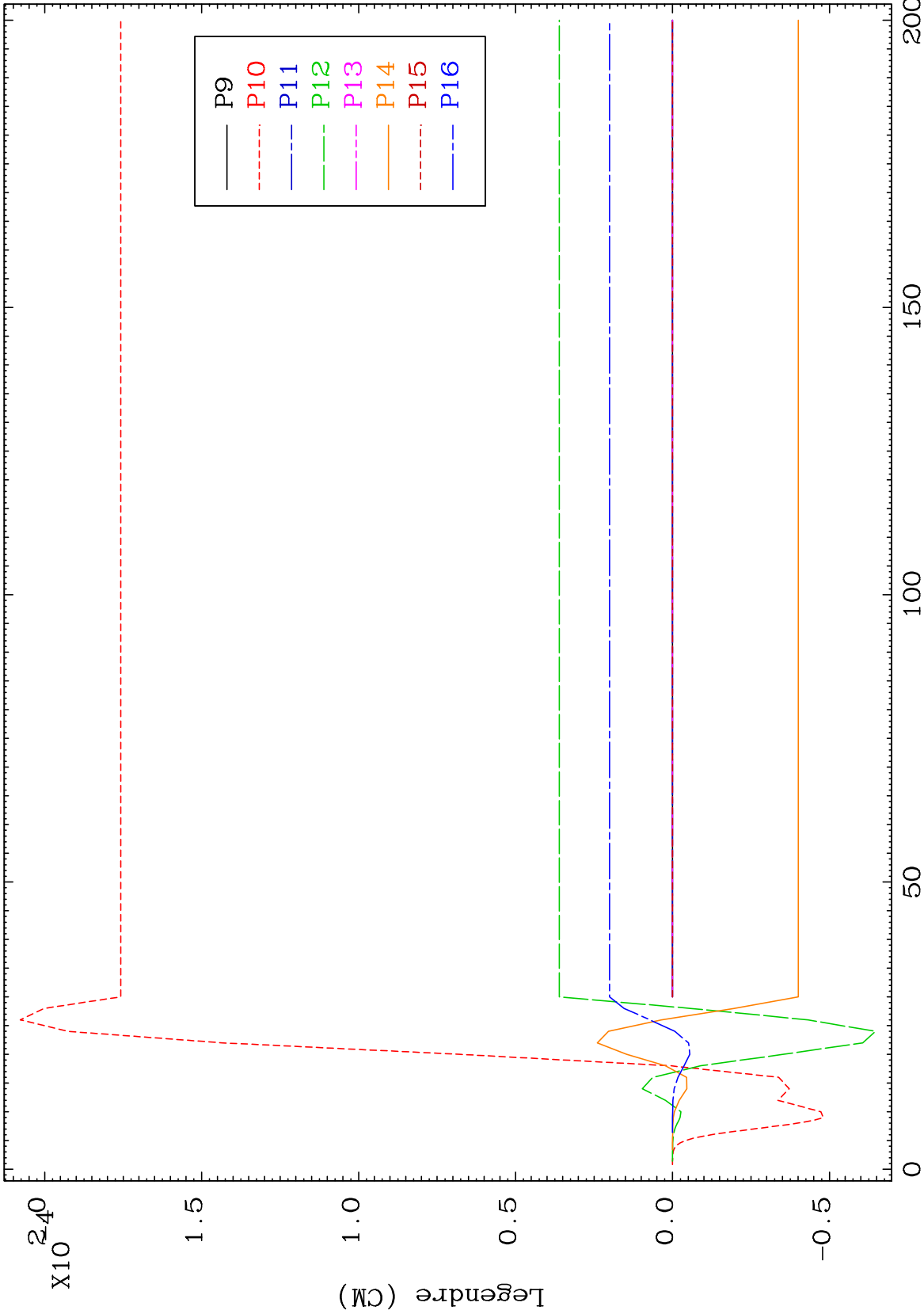
Incident Energy (MeV)

108

MAT 6816

MT= 73 (n,n') Level  
Legendre Coefficients

68-Er-159



109

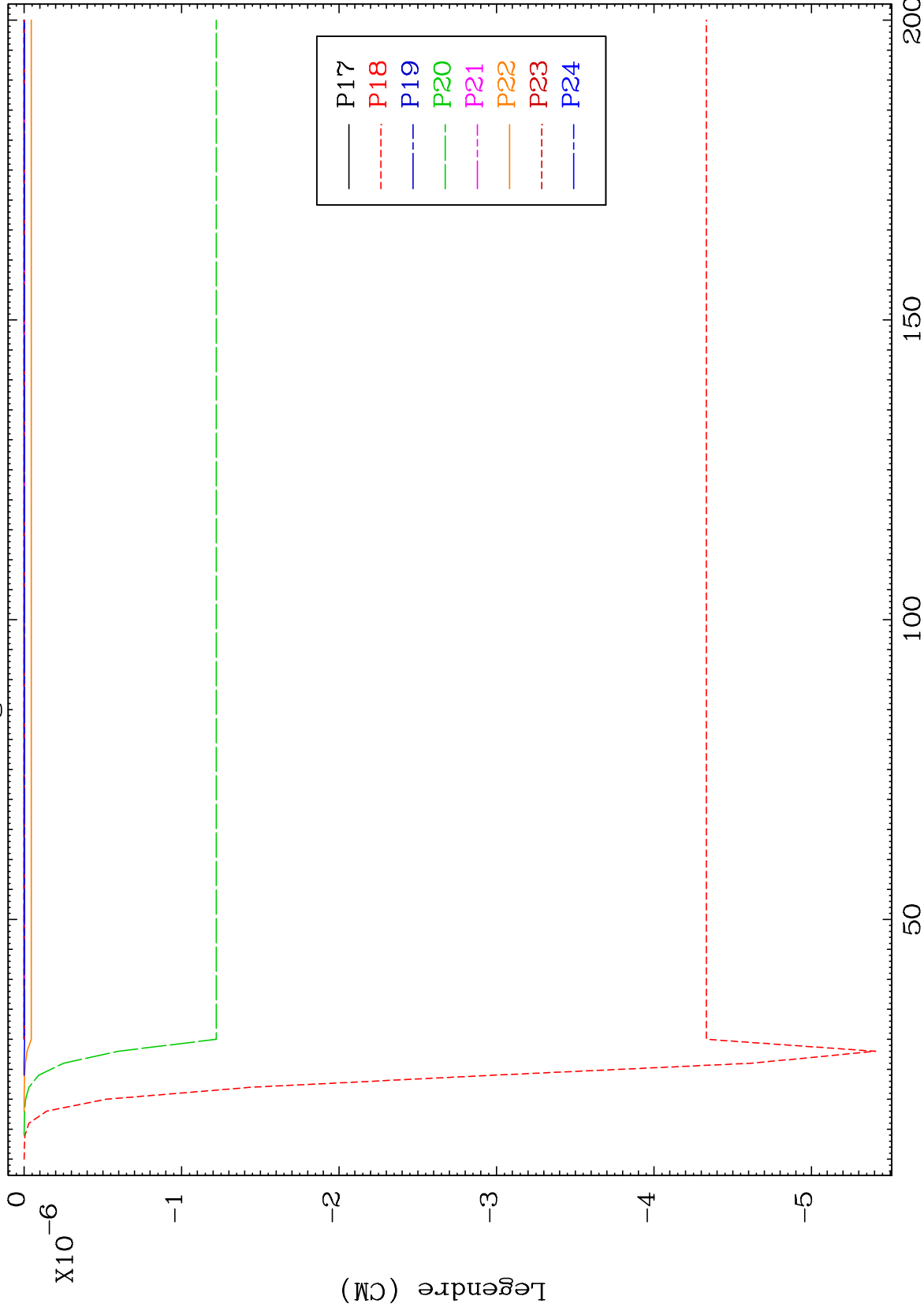
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 73 (n,n') Level  
Legendre Coefficients

68-Er-159



110

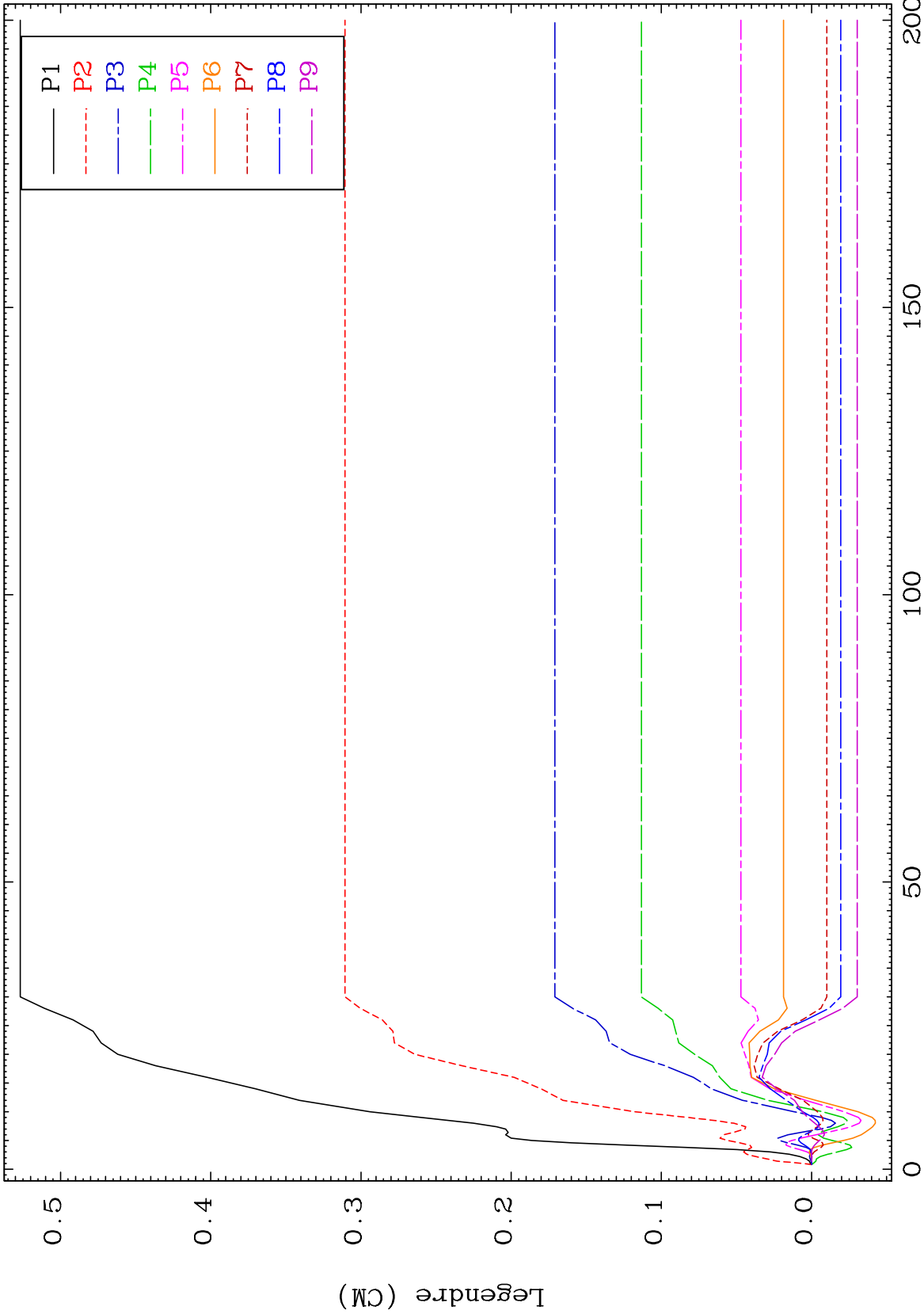
68-Er-159

68-Er-159

MAT 6816

MT= 74 (n,n') Level  
Legendre Coefficients

68-Er-159



111

Incident Energy (MeV)

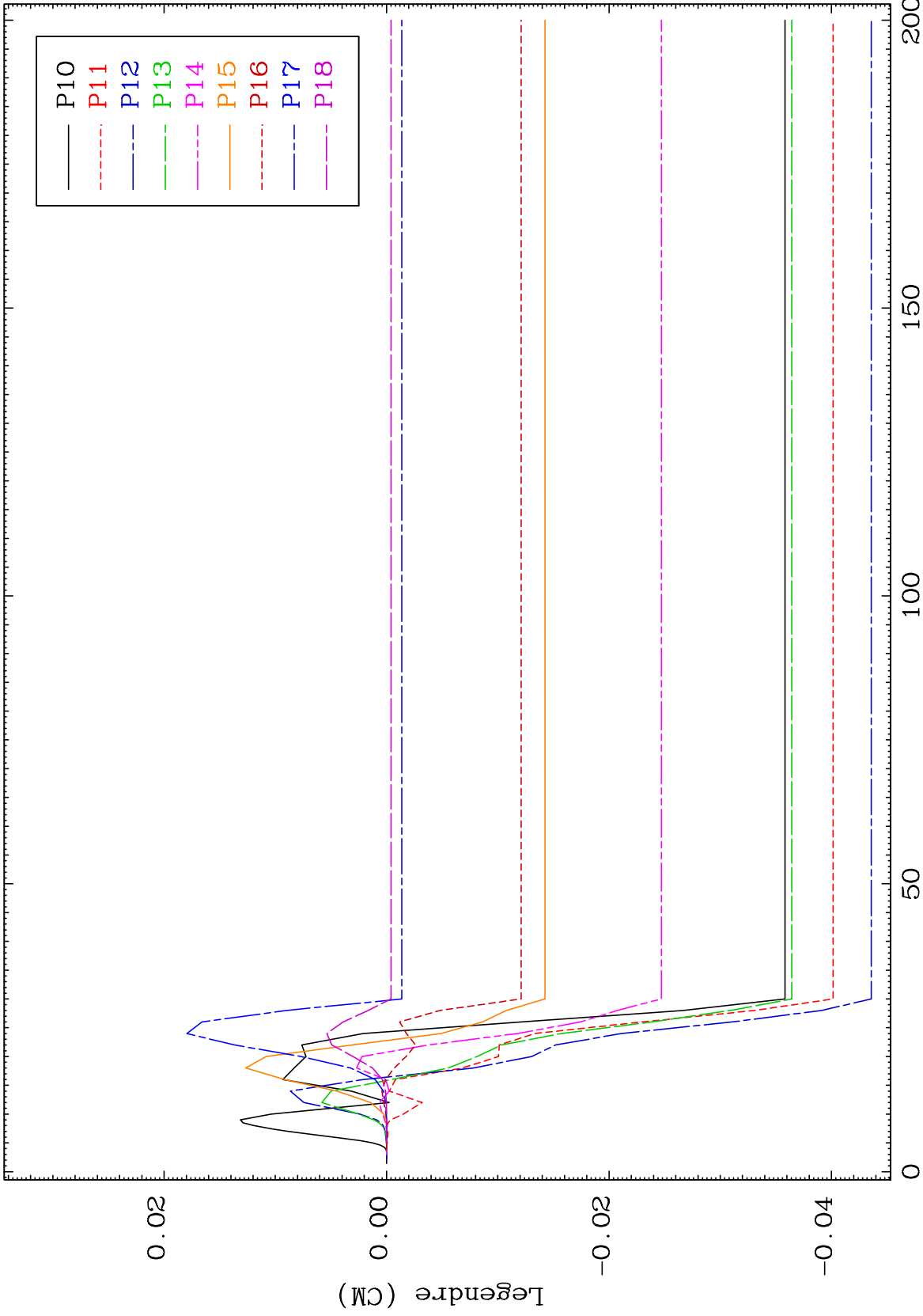
68-Er-159



MAT 6816

MT= 74 (n,n') Level  
Legendre Coefficients

68-Er-159



112

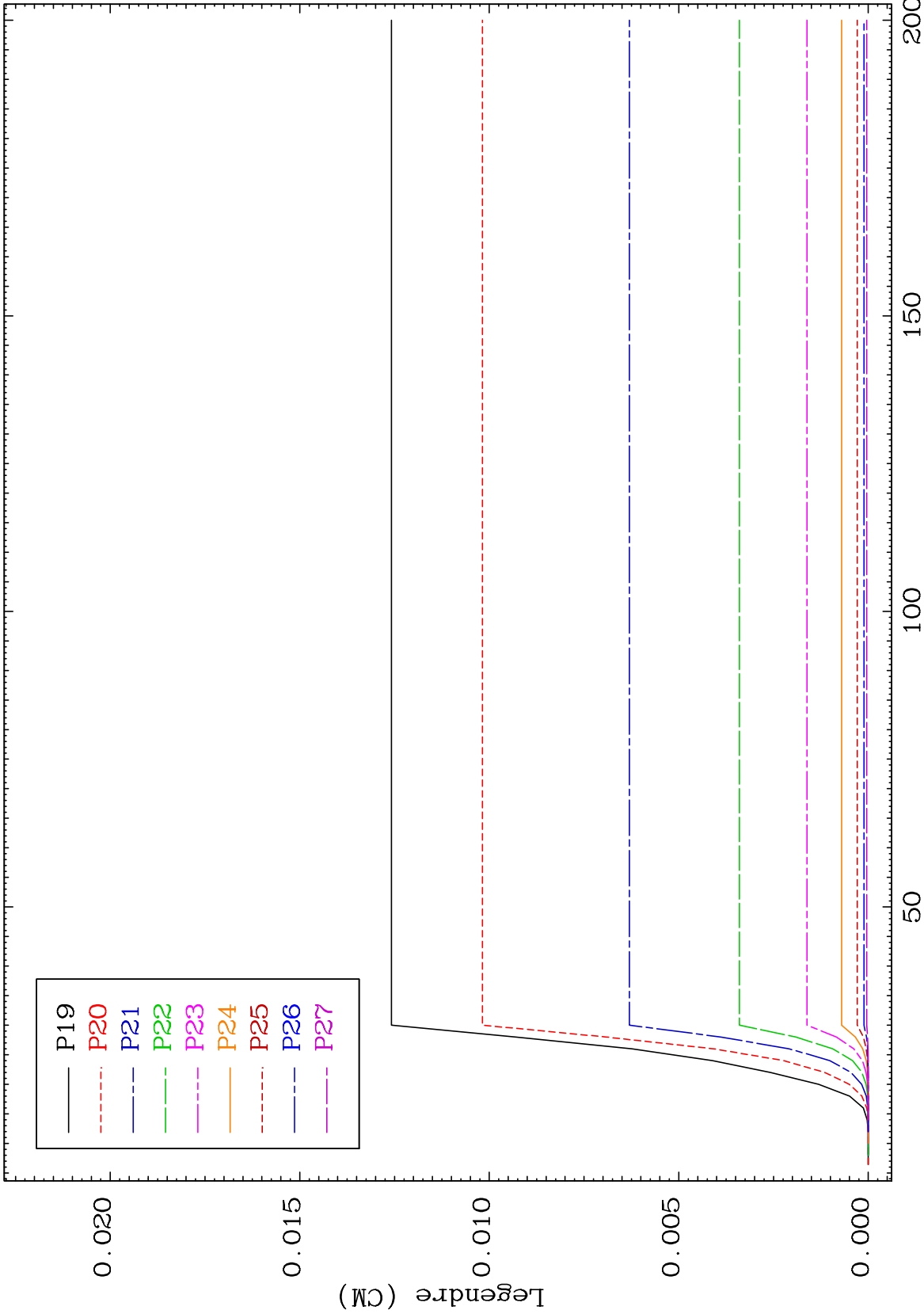
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 74 (n,n') Level  
Legendre Coefficients

68-Er-159



113

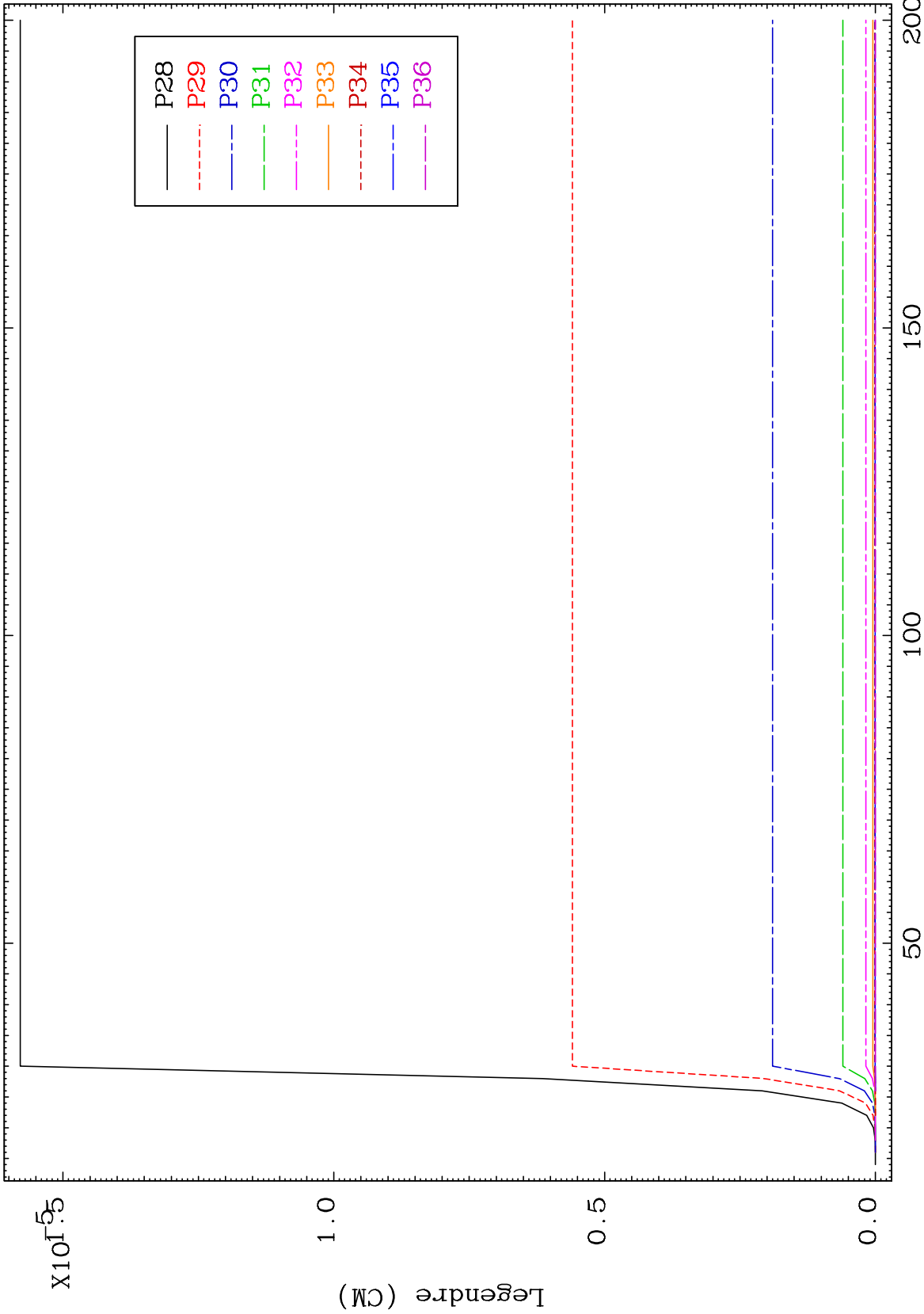
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 74 (n,n') Level  
Legendre Coefficients

68-Er-159



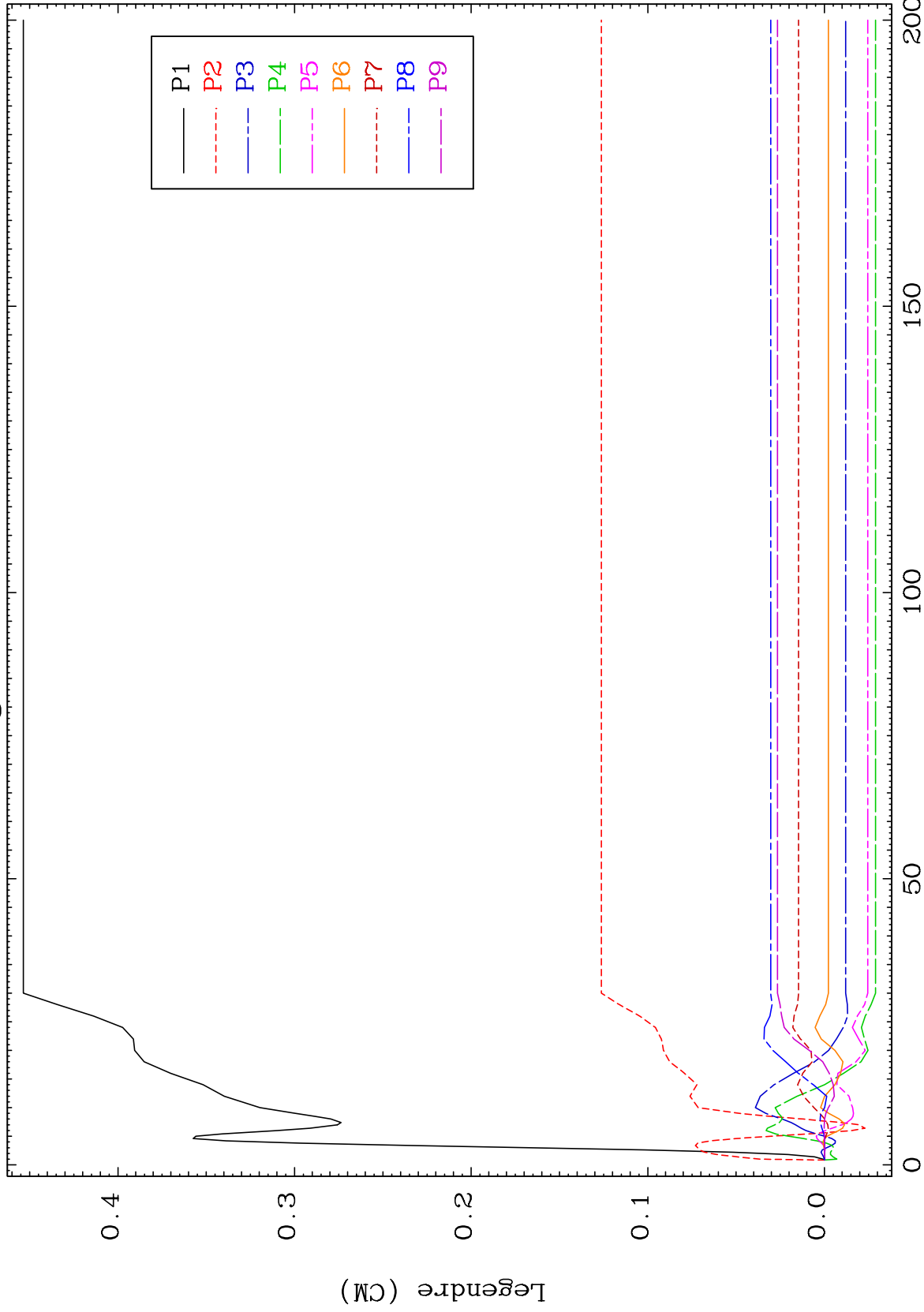
114

68-Er-159

MAT 6816

MT= 75 (n,n') Level  
Legendre Coefficients

68-Er-159



115

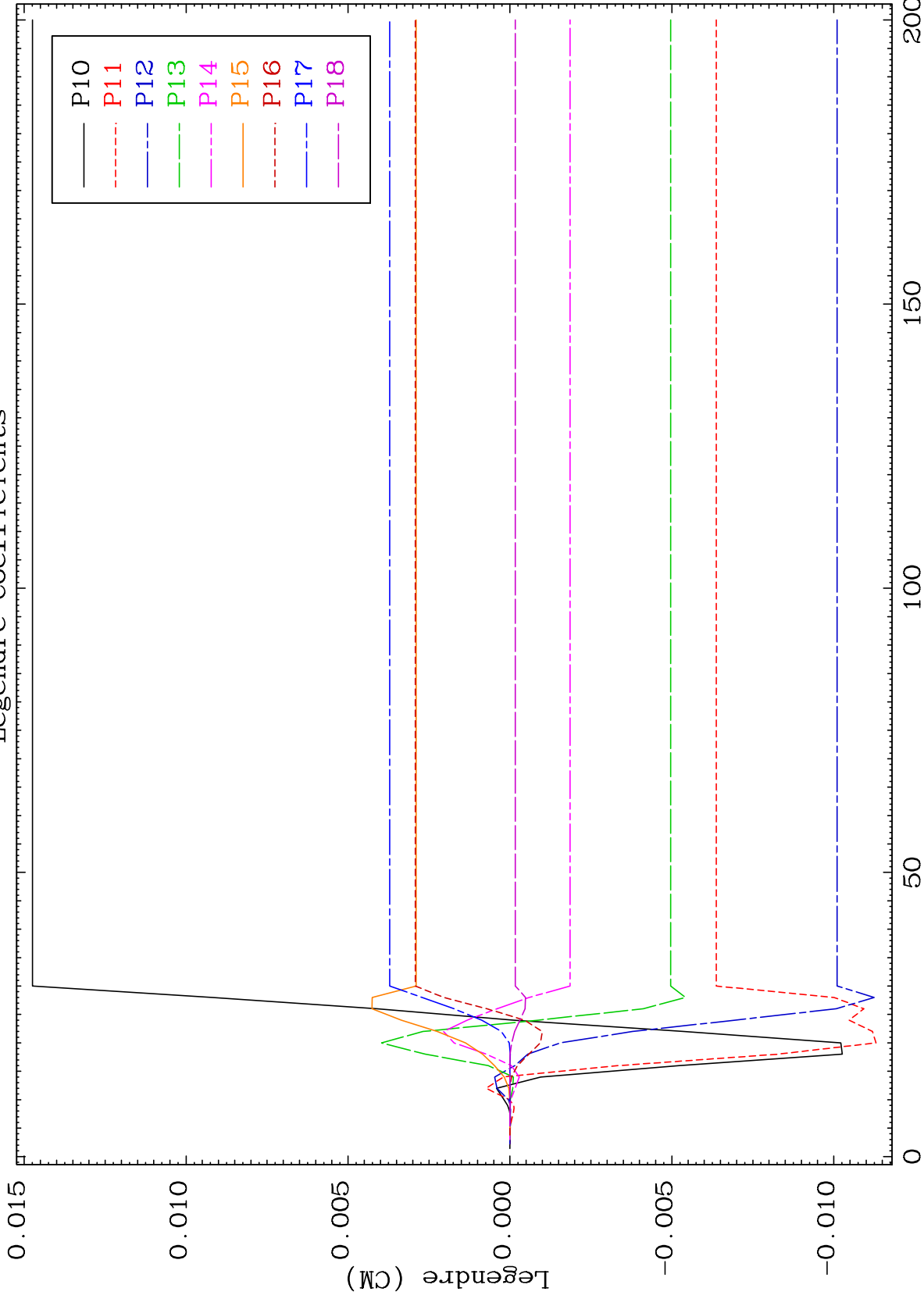
Incident Energy (MeV)

68-Er-159

68-Er-159

MT= 75 (n,n') Level  
Legendre Coefficients

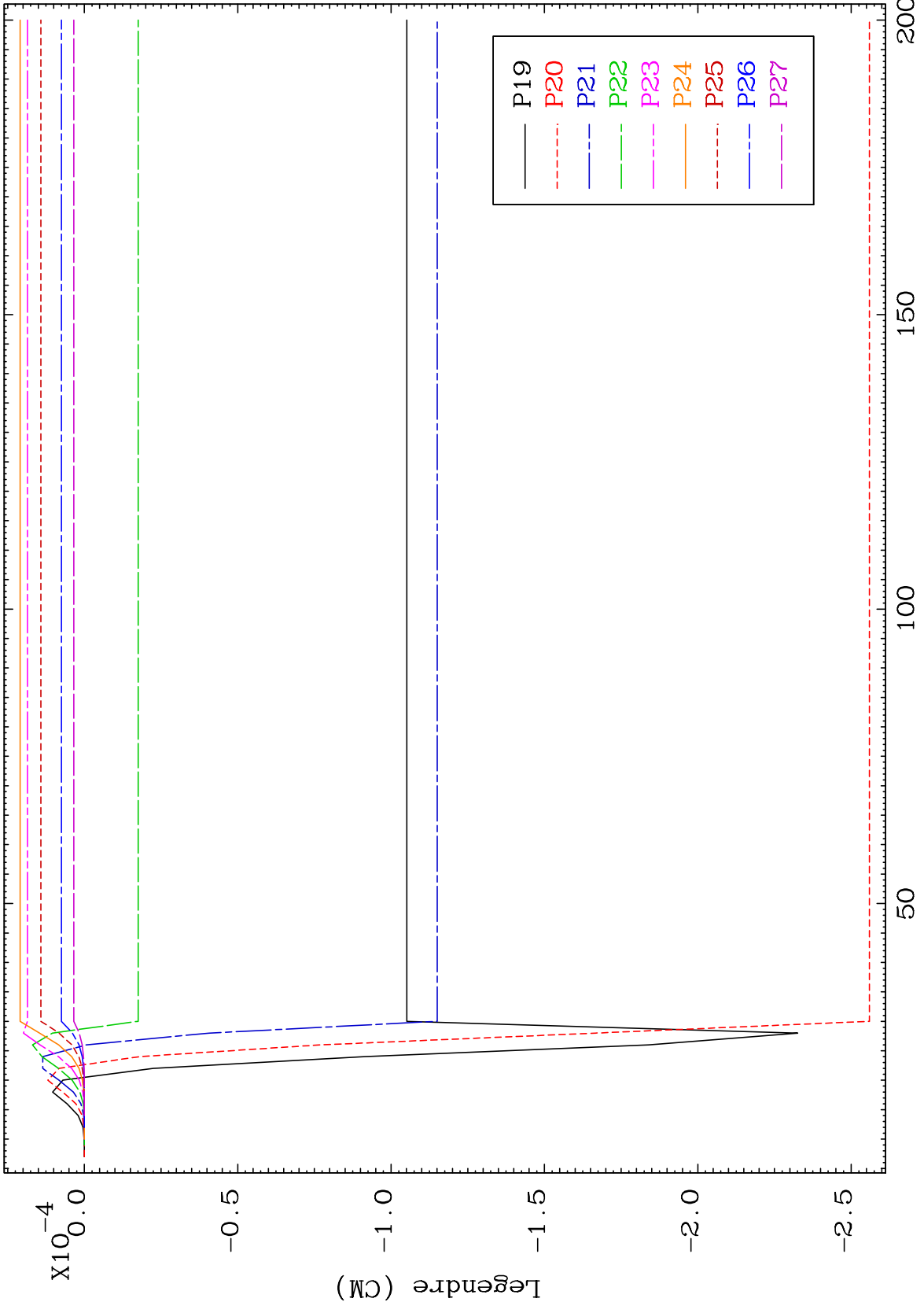
MAT 6816



68-Er-159

Incident Energy (MeV)

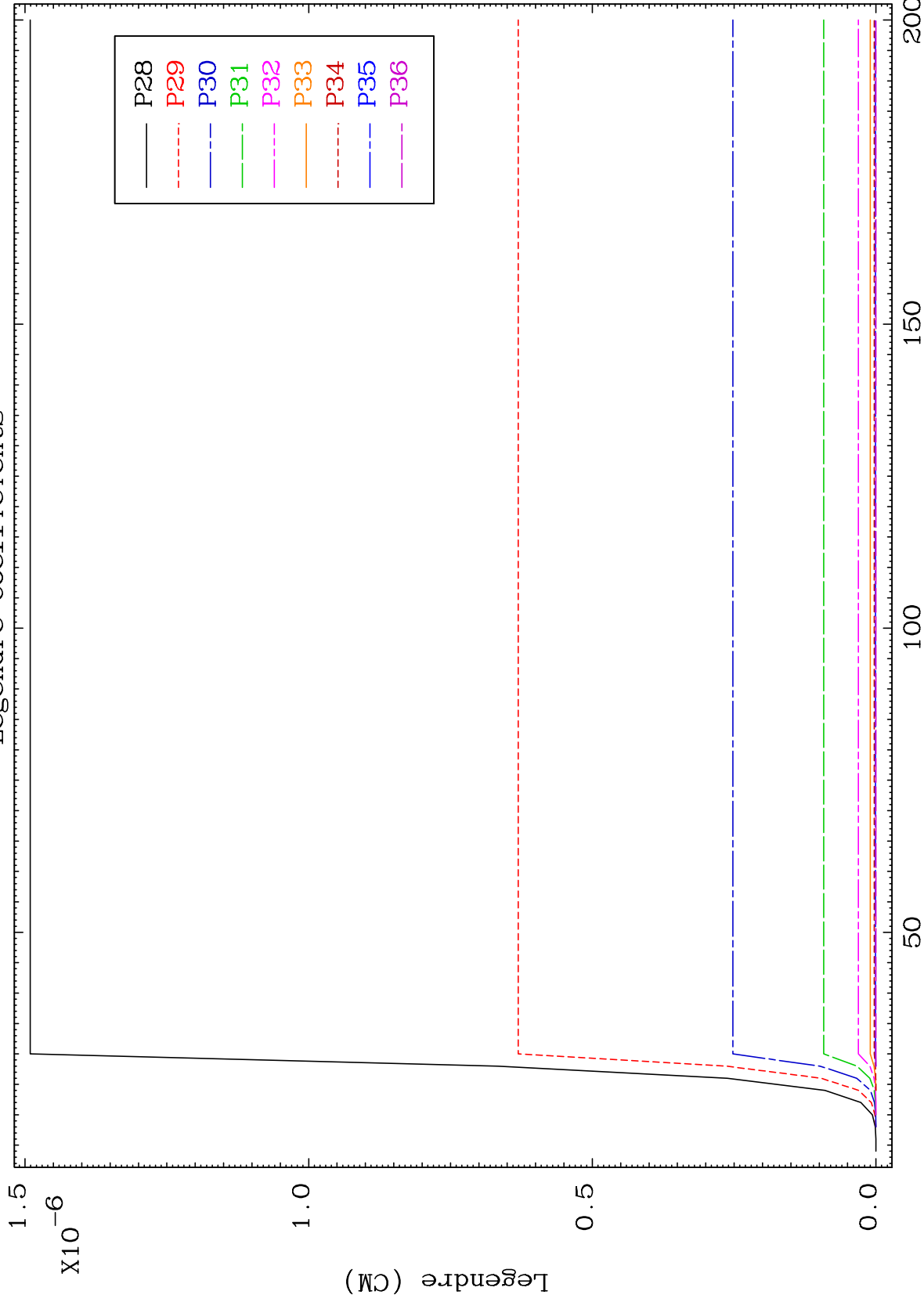
116



MAT 6816

MT= 75 (n,n') Level  
Legendre Coefficients

68-Er-159



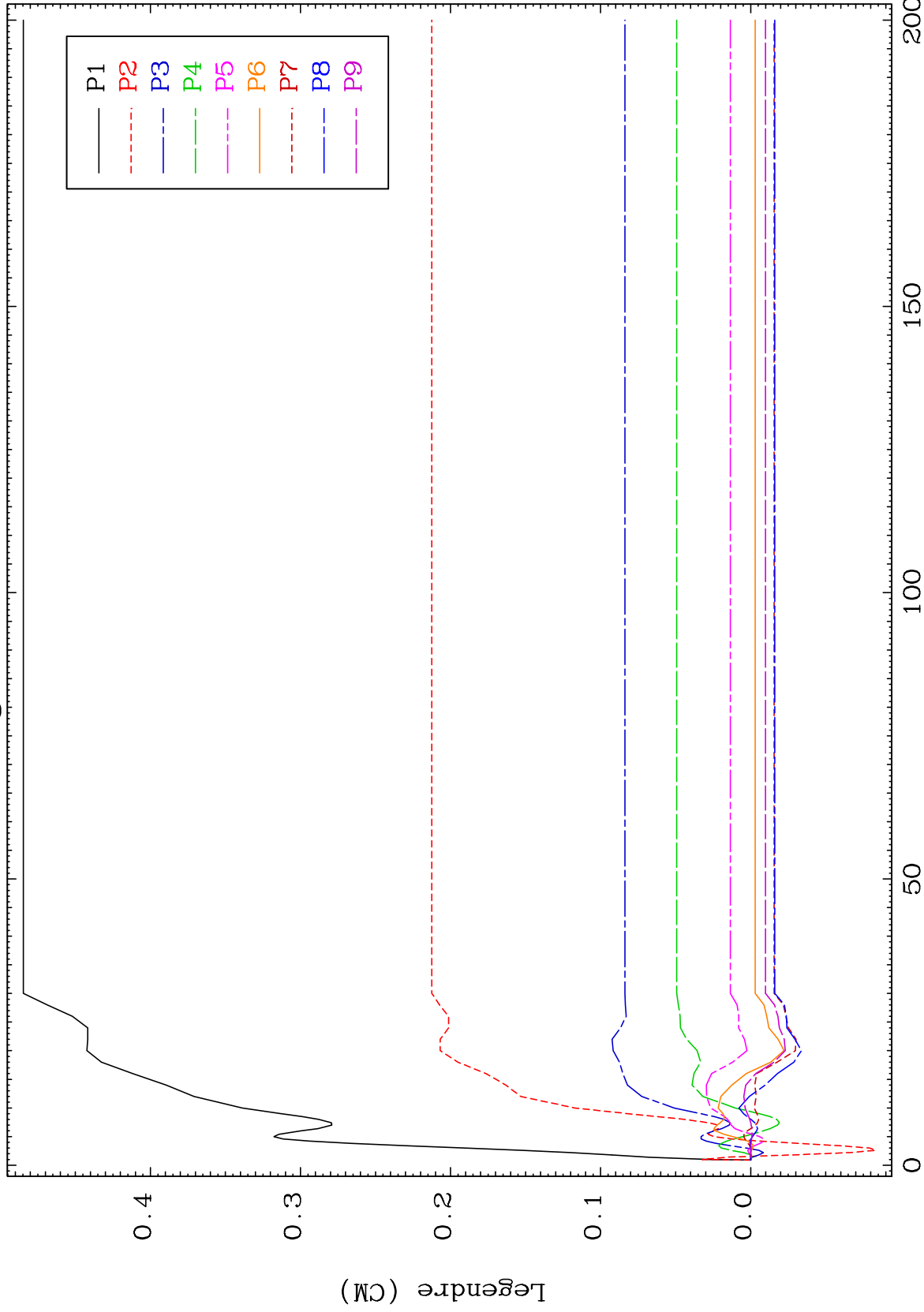
118

68-Er-159

MAT 6816

MT= 76 (n,n') Level  
Legendre Coefficients

68-Er-159



119

Incident Energy (MeV)

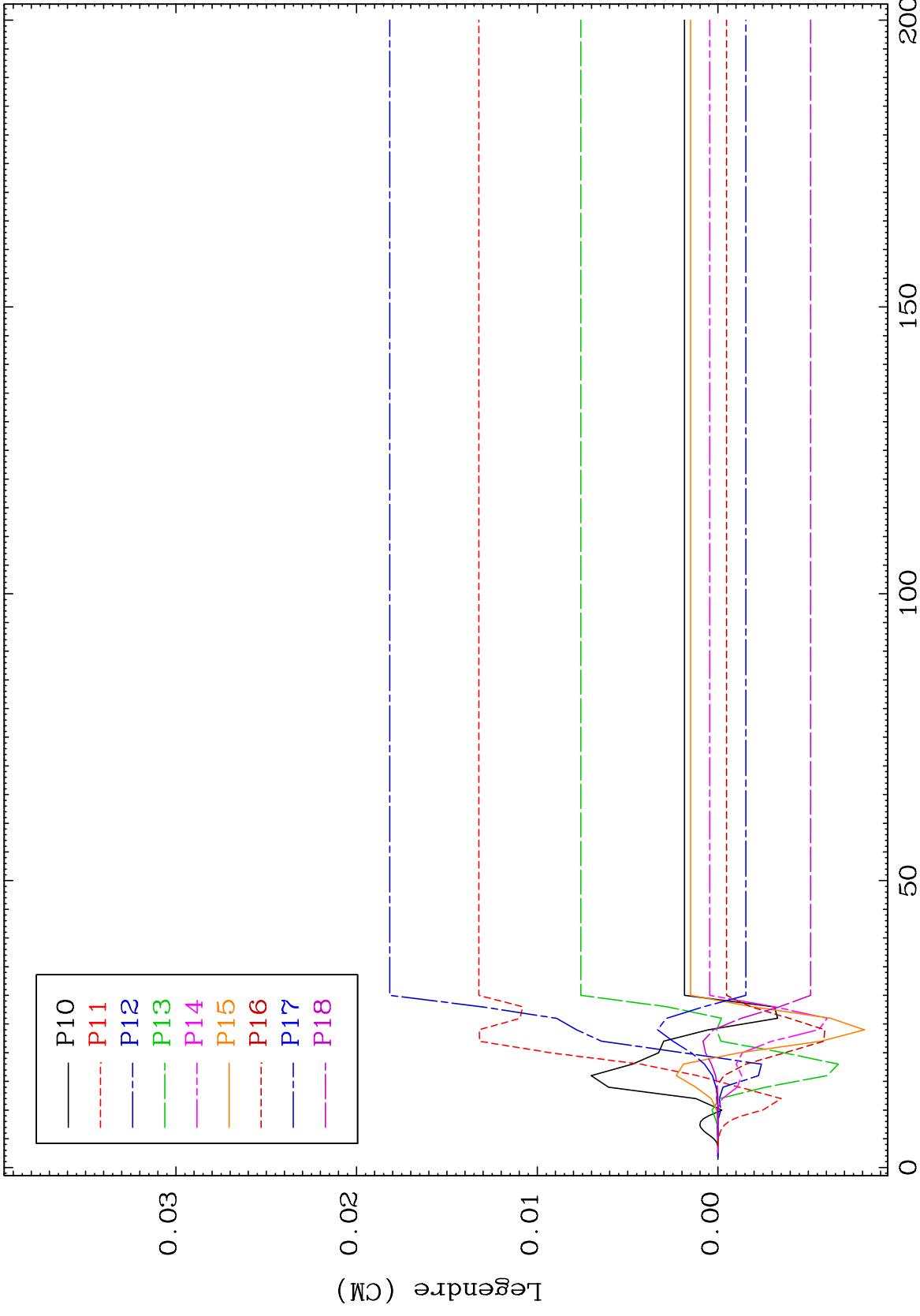
68-Er-159



MAT 6816

MT= 76 (n,n') Level  
Legendre Coefficients

68-Er-159



120

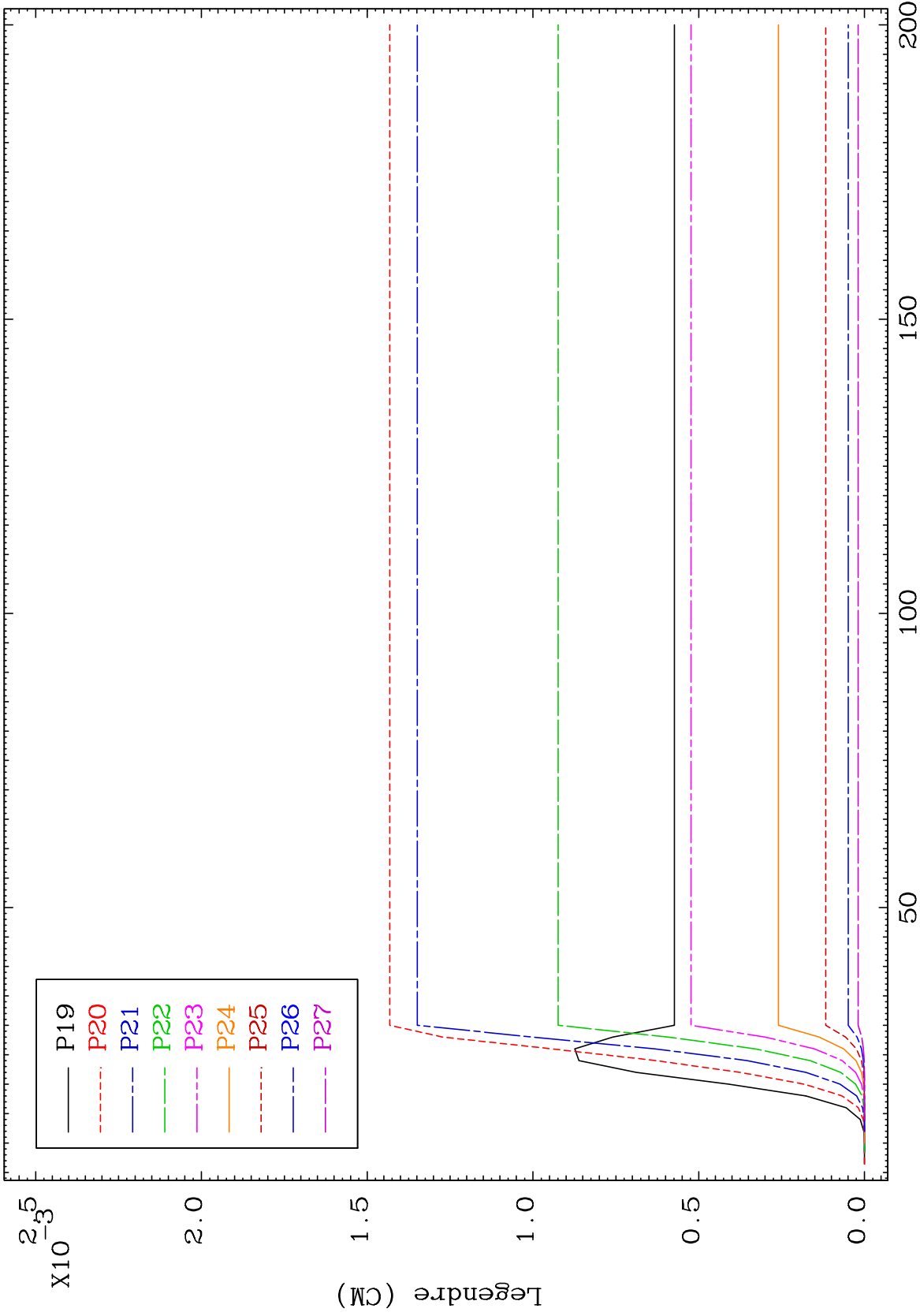
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 76 (n,n') Level  
Legendre Coefficients

68-Er-159



121

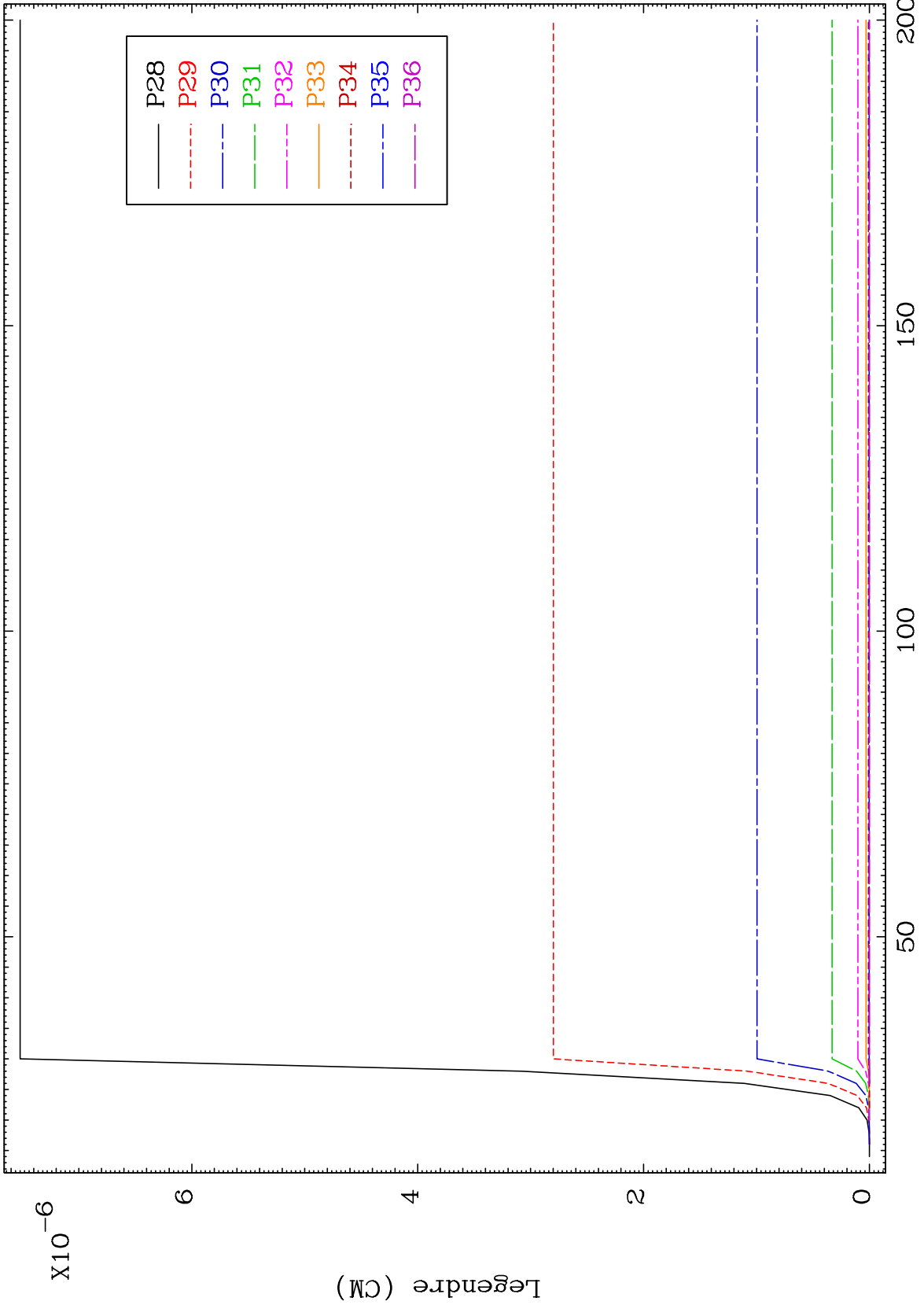
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 76 (n,n') Level  
Legendre Coefficients

68-Er-159



122

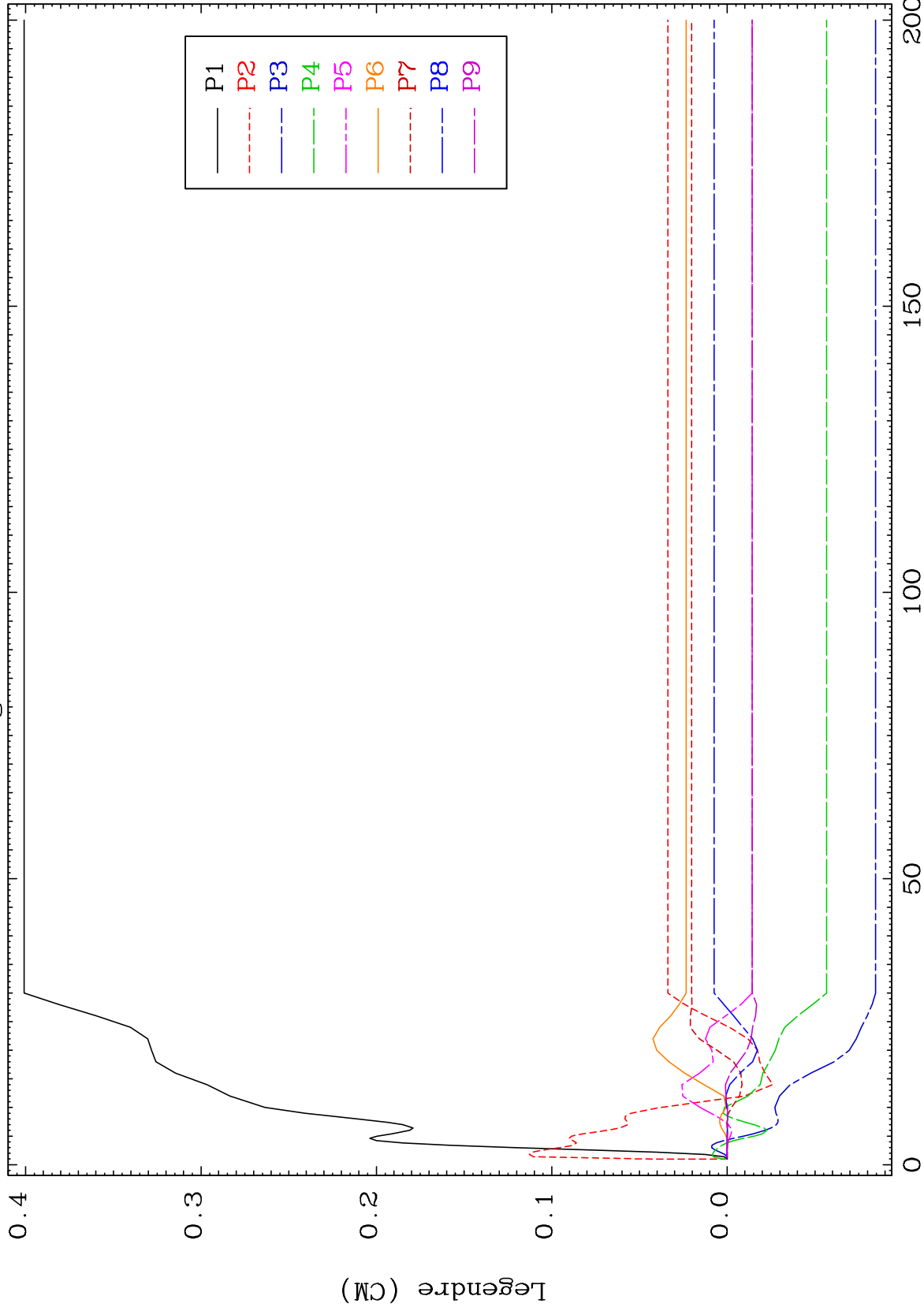
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 77 (n,n') Level  
Legendre Coefficients

68-Er-159



123

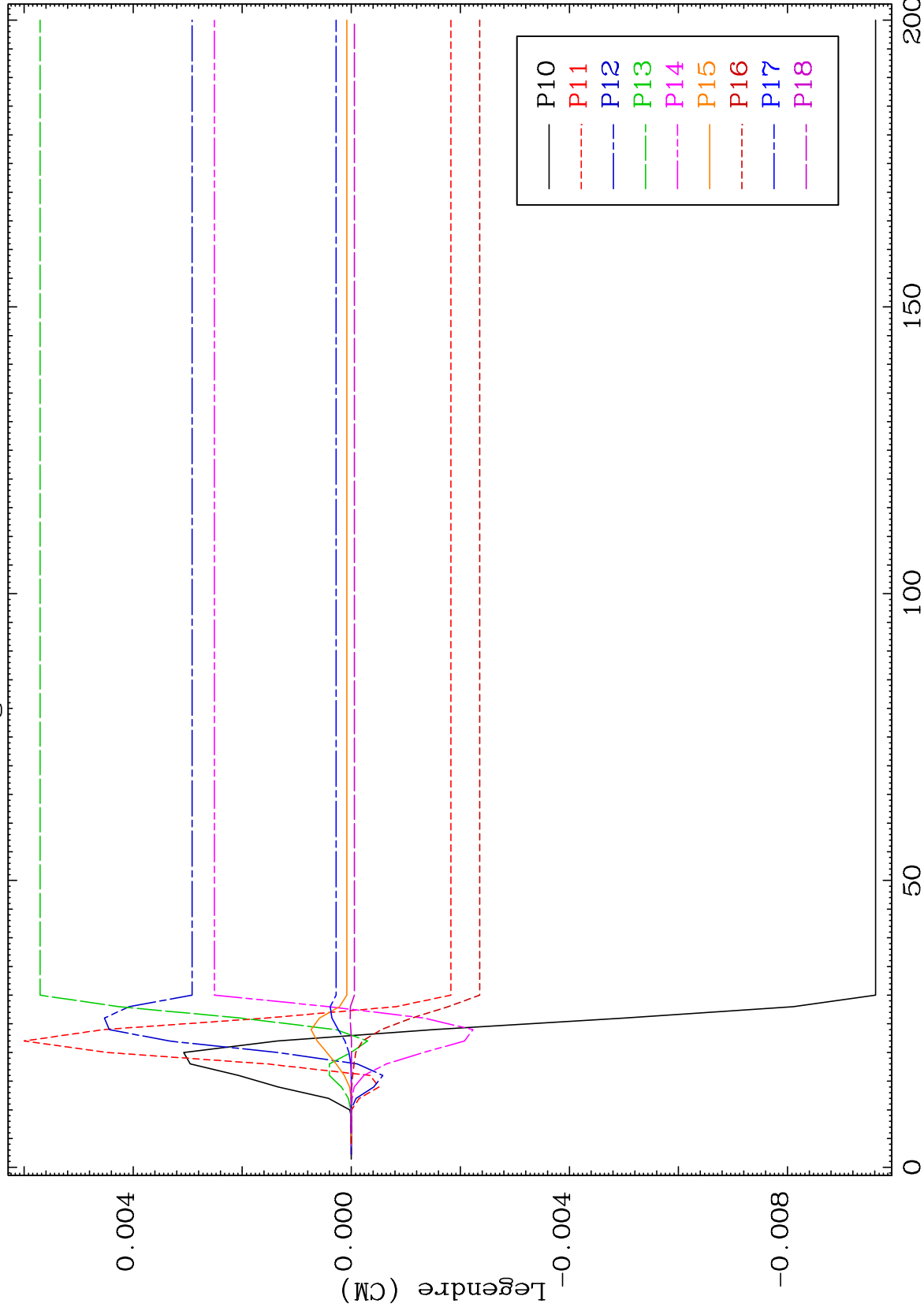
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 77 (n,n') Level  
Legendre Coefficients

68-Er-159



124

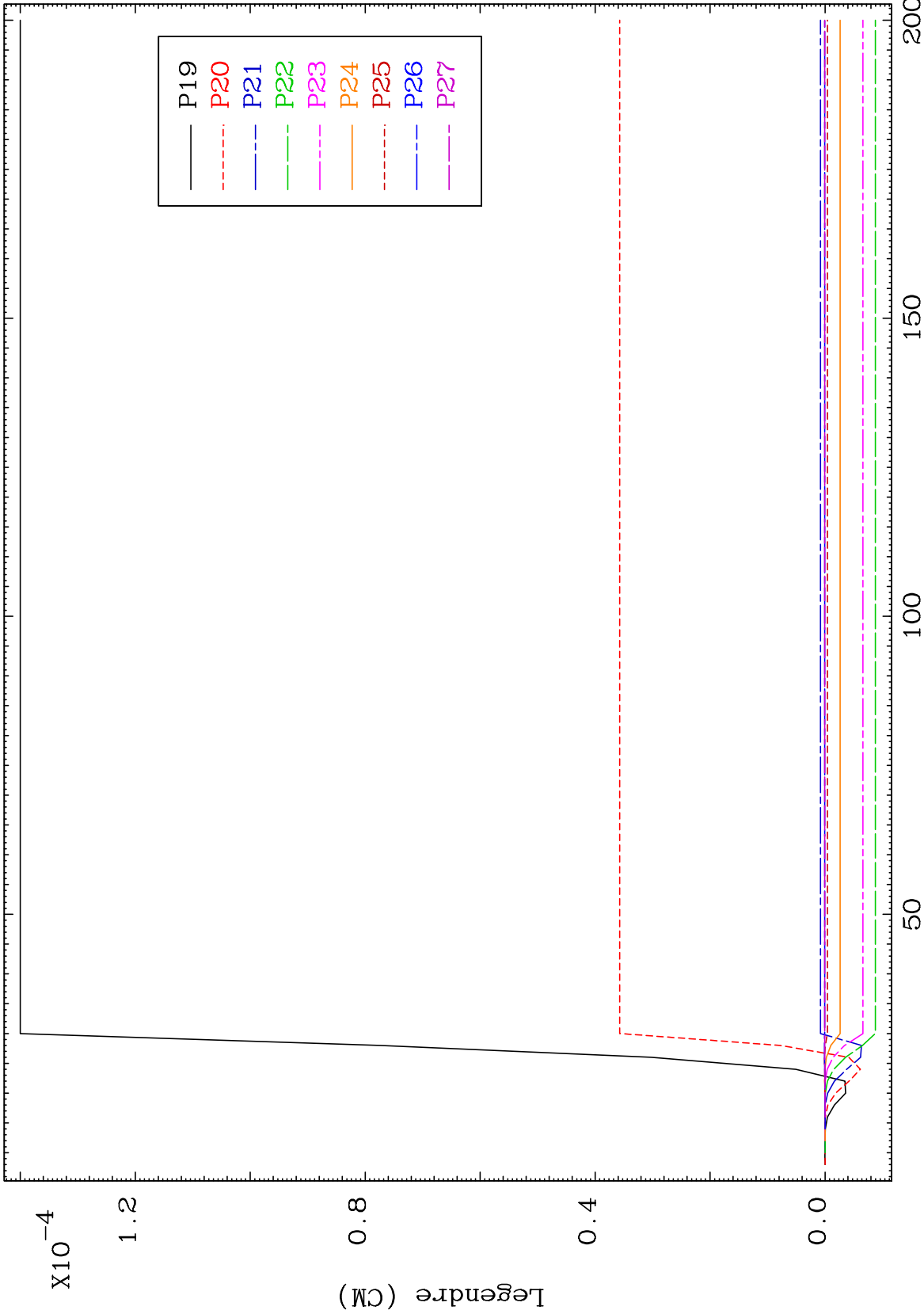
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 77 (n,n') Level  
Legendre Coefficients

68-Er-159



125

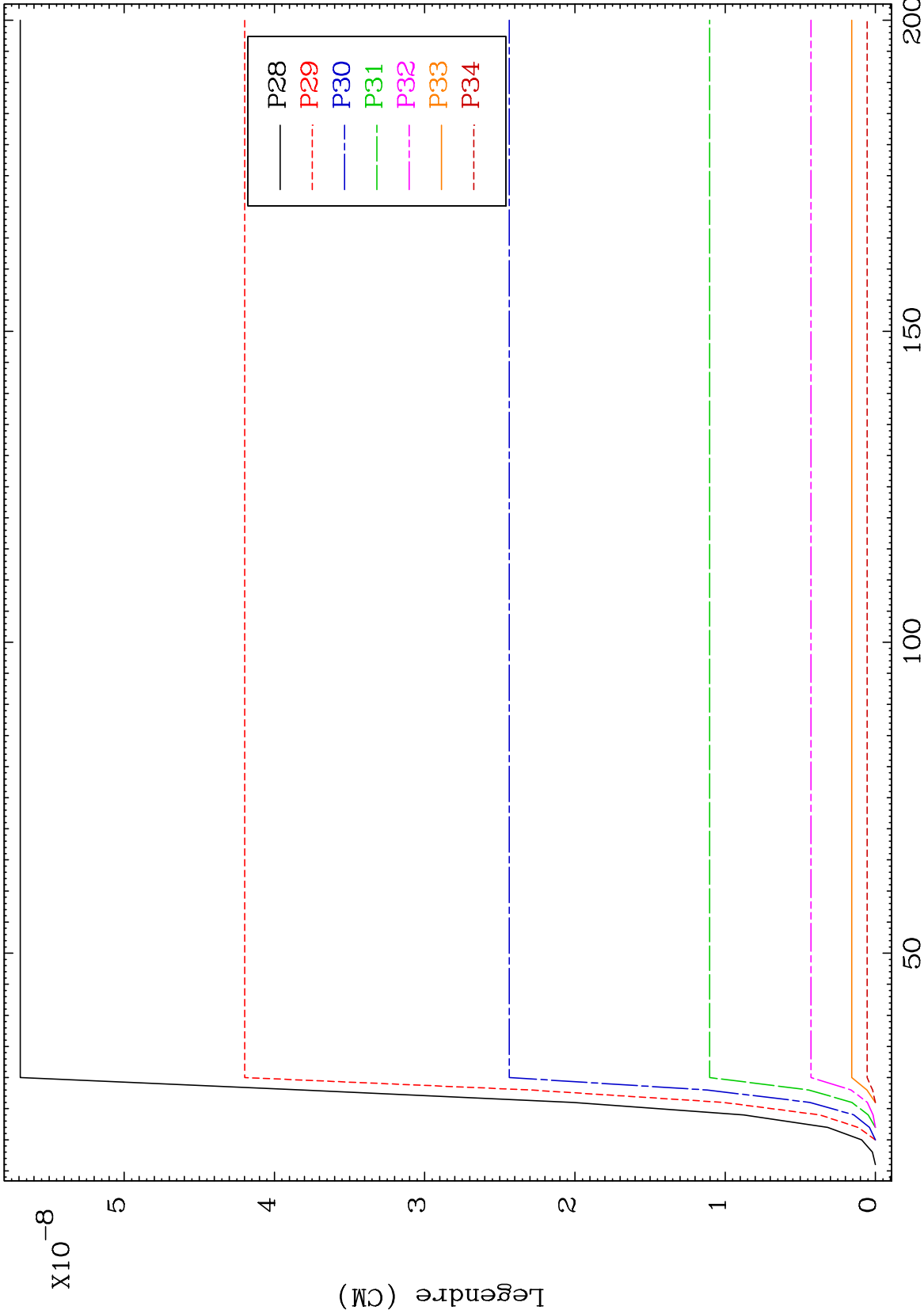
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 77 (n,n') Level  
Legendre Coefficients

68-Er-159



126

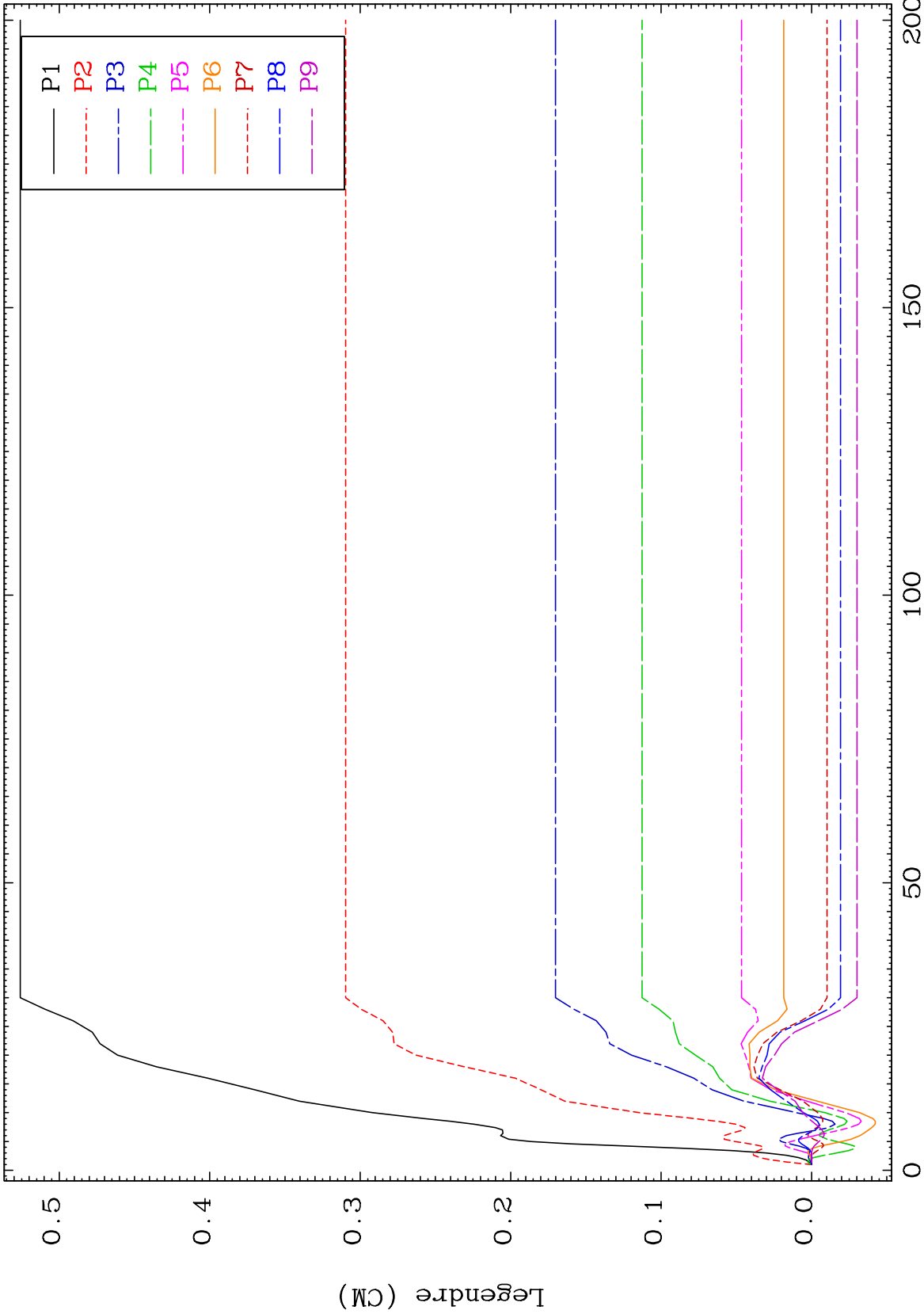
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 78 (n,n') Level  
Legendre Coefficients

68-Er-159



127

Incident Energy (MeV)

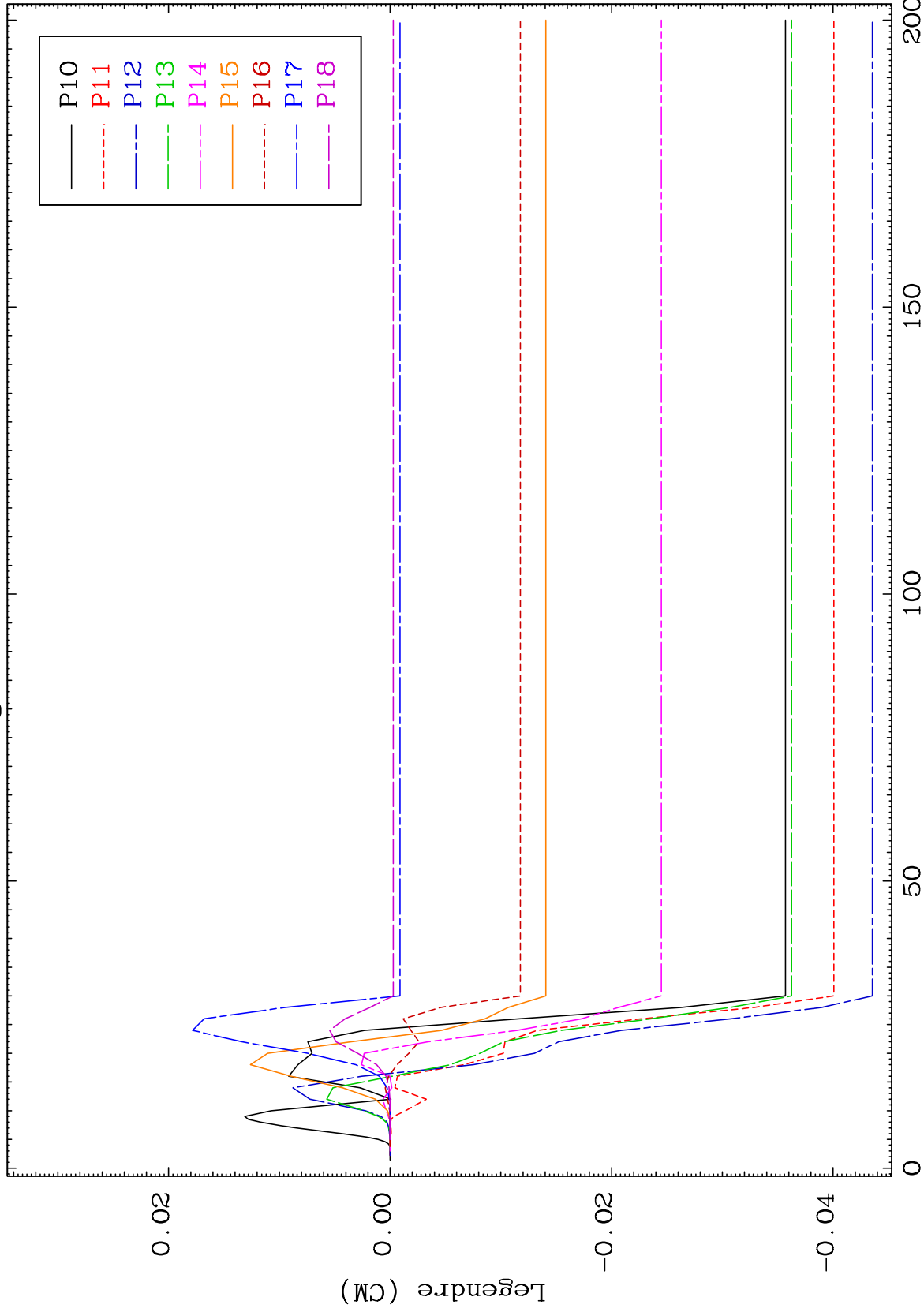
68-Er-159



MAT 6816

MT= 78 (n,n') Level  
Legendre Coefficients

68-Er-159



128

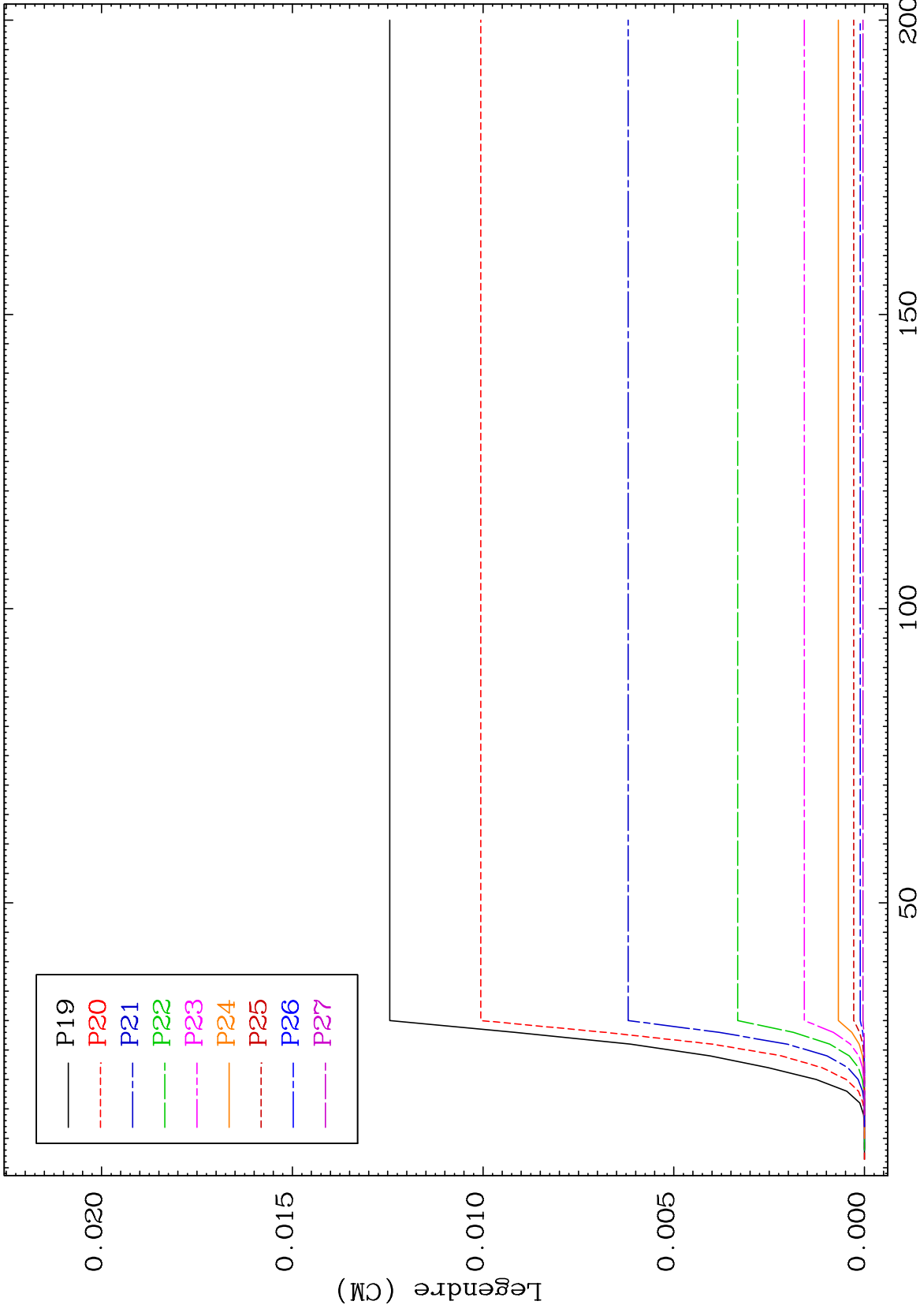
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 78 (n,n') Level  
Legendre Coefficients

68-Er-159



129

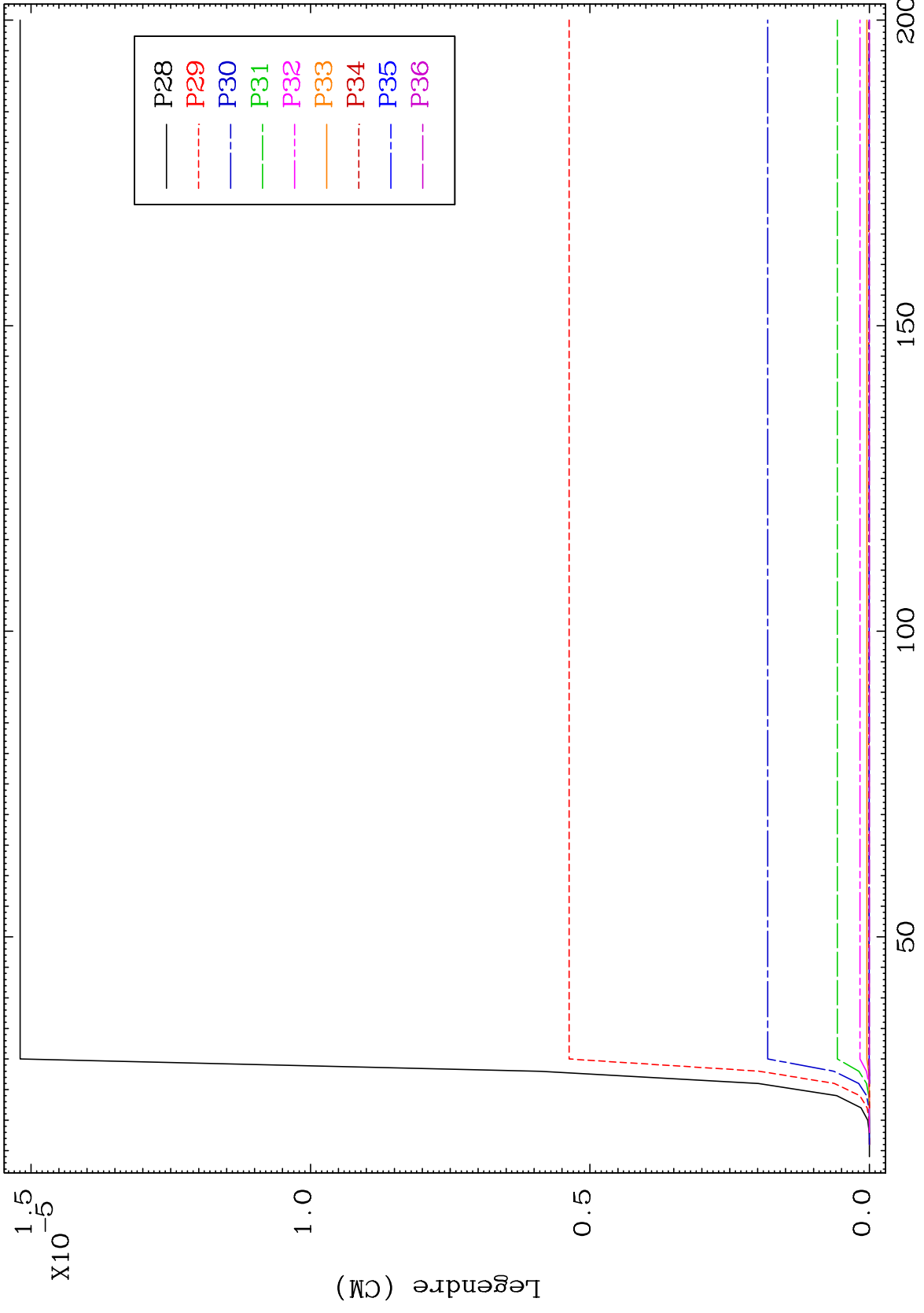
Incident Energy (MeV)

68-Er-159

MAT 6816

MT= 78 (n,n') Level  
Legendre Coefficients

68-Er-159



130

Incident Energy (MeV)

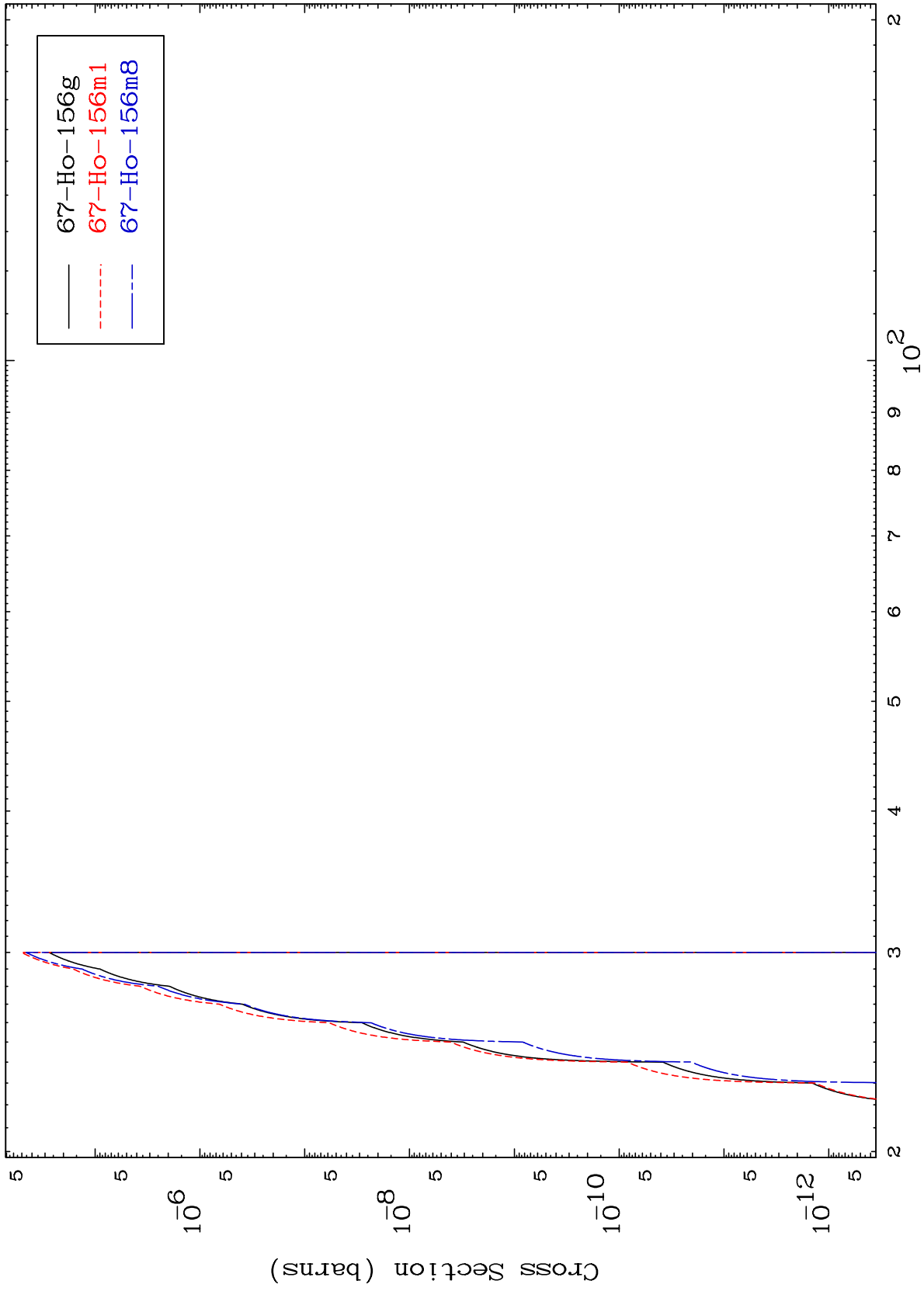
68-Er-159

MAT 6816

(n,2n) d

68-Er-159

Radionuclide Production Cross Section



131

Incident Energy (MeV)

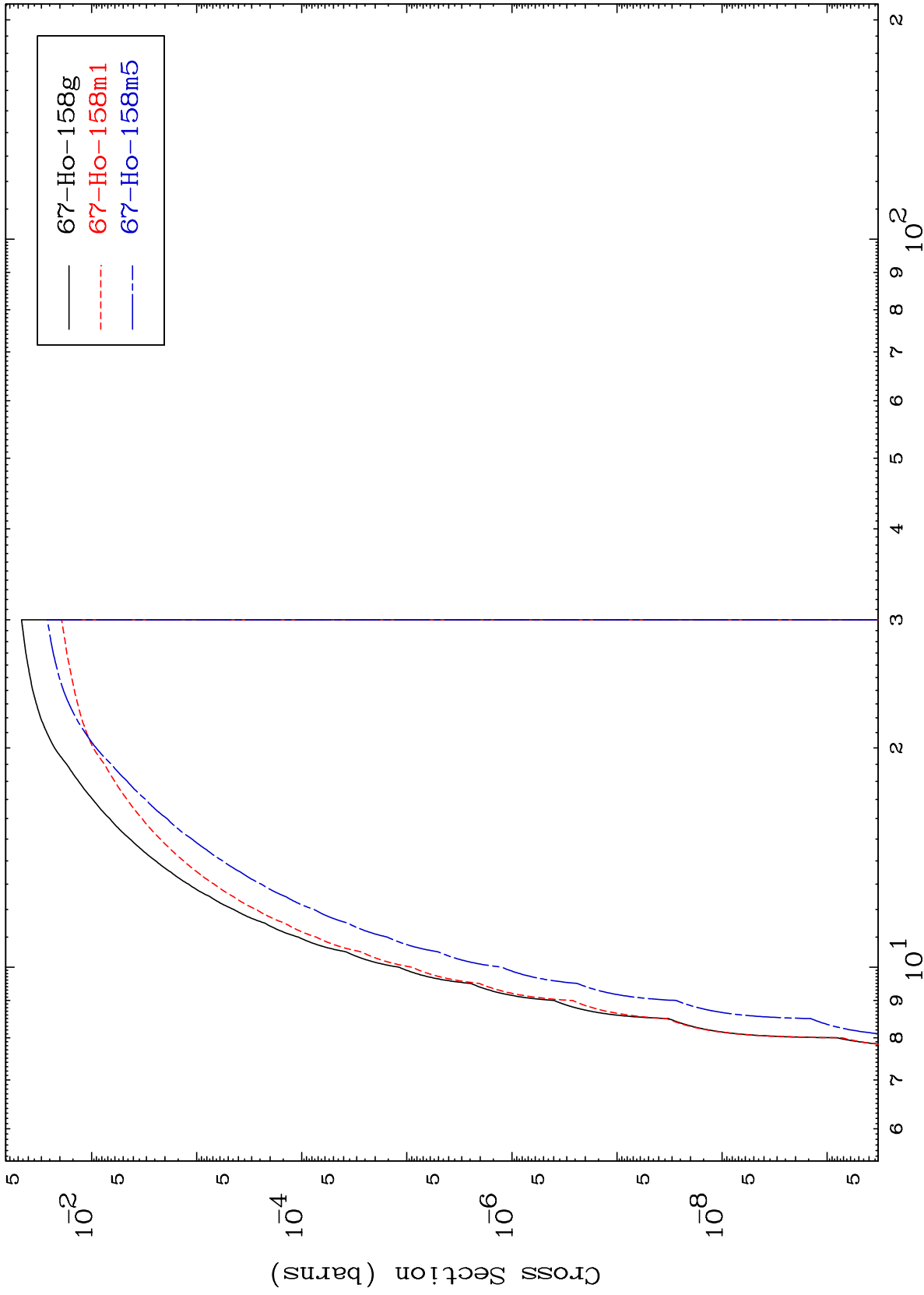
68-Er-159

MAT 6816

(n,n') p

68-Er-159

Radionuclide Production Cross Section



132

Incident Energy (MeV)

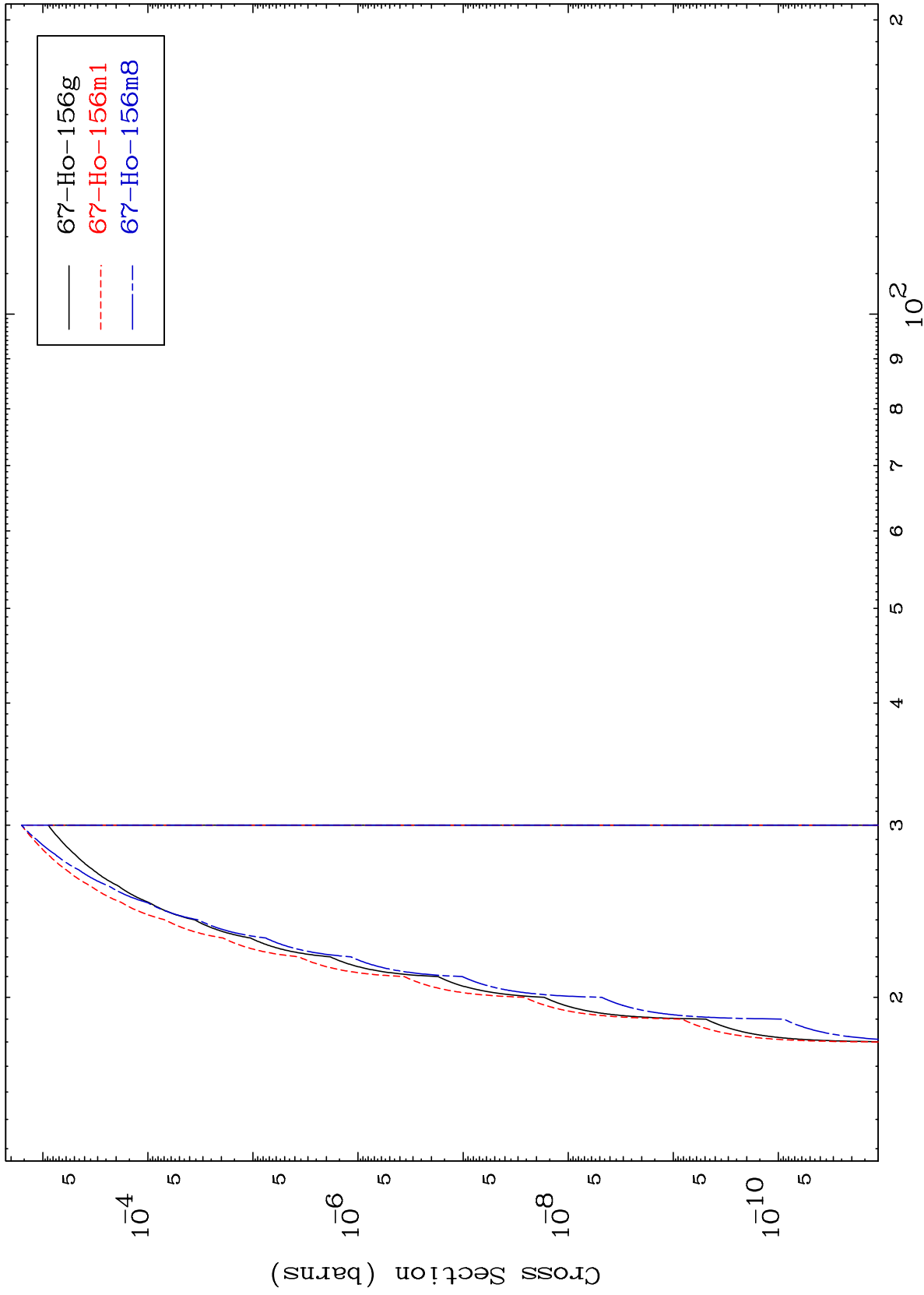
68-Er-159

MAT 6816

(n,n') t

68-Er-159

Radionuclide Production Cross Section

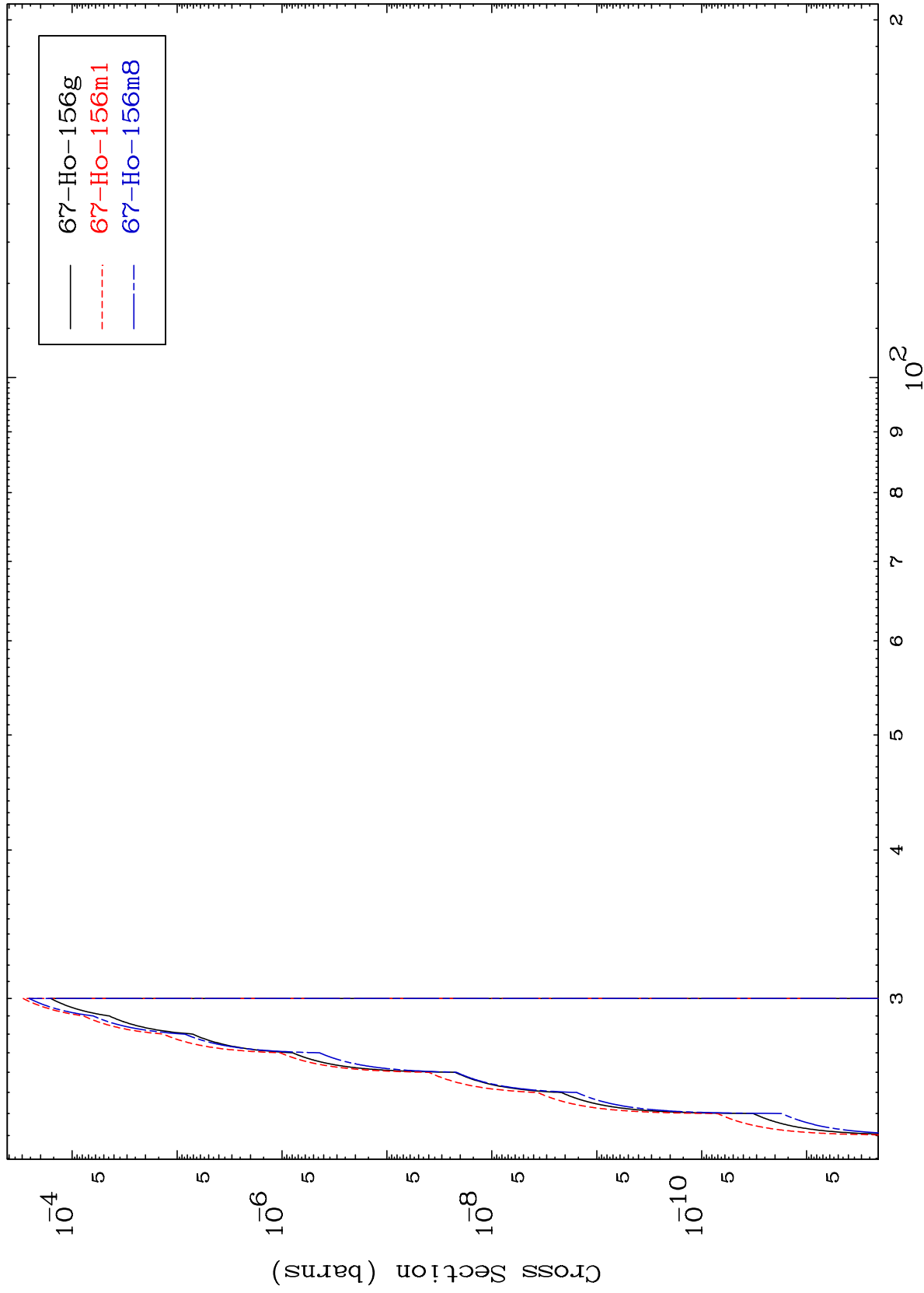


133

Incident Energy (MeV)

68-Er-159

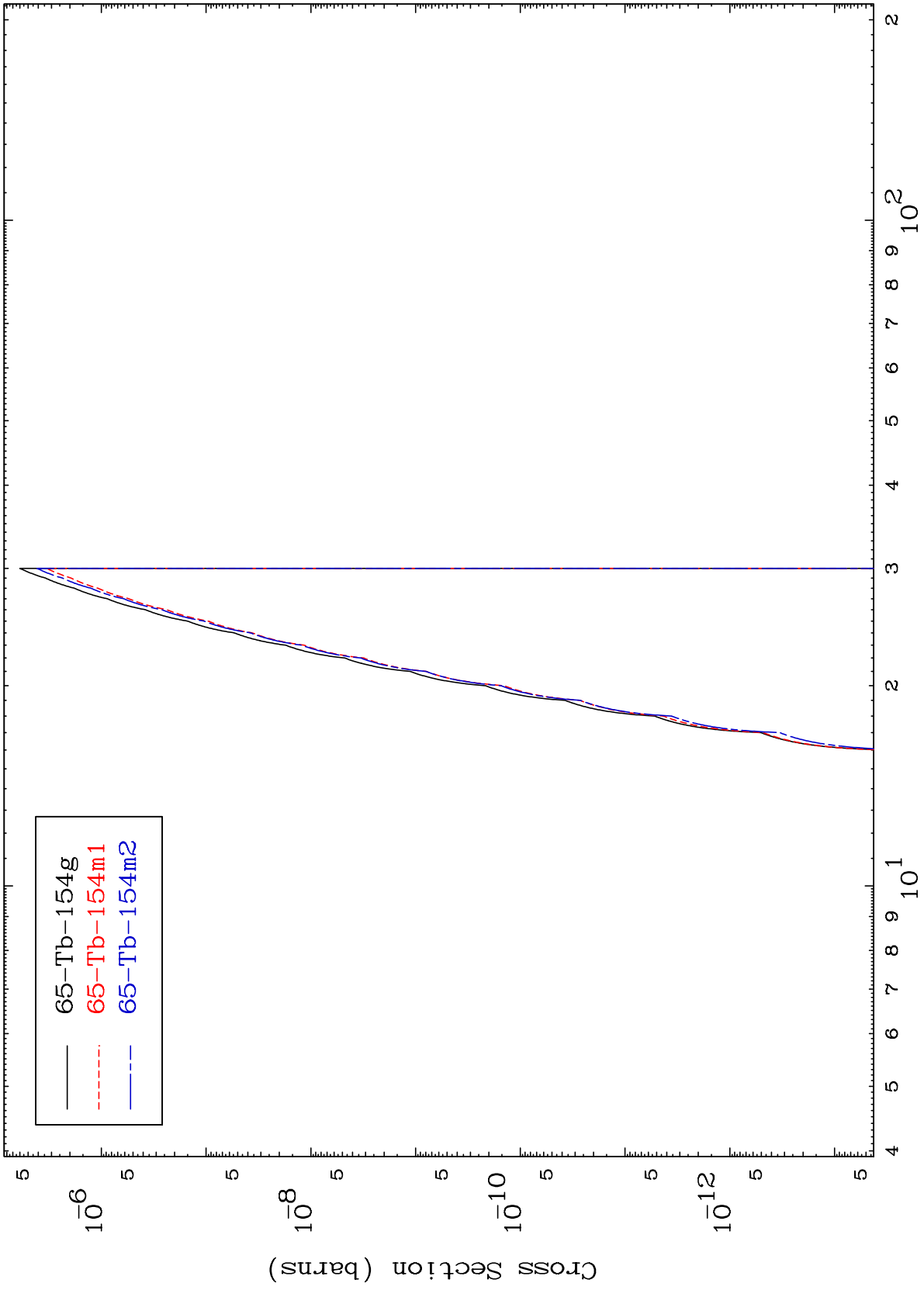
Radionuclide Production Cross Section



MAT 6816

68-Er-159

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



135

Incident Energy (MeV)

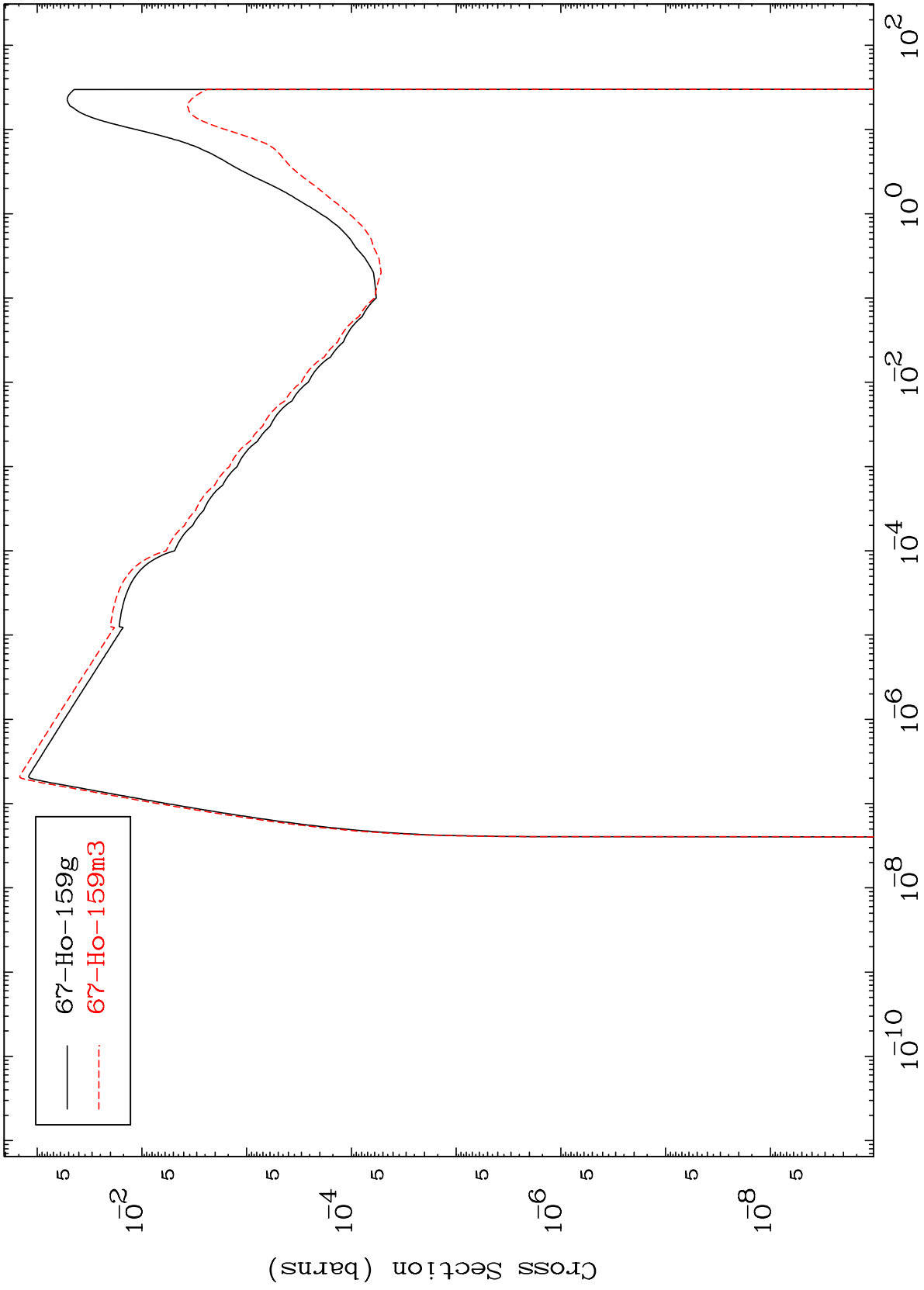
68-Er-159



MAT 6816

68-Er-159

(n,p)  
Radionuclide Production Cross Section



136

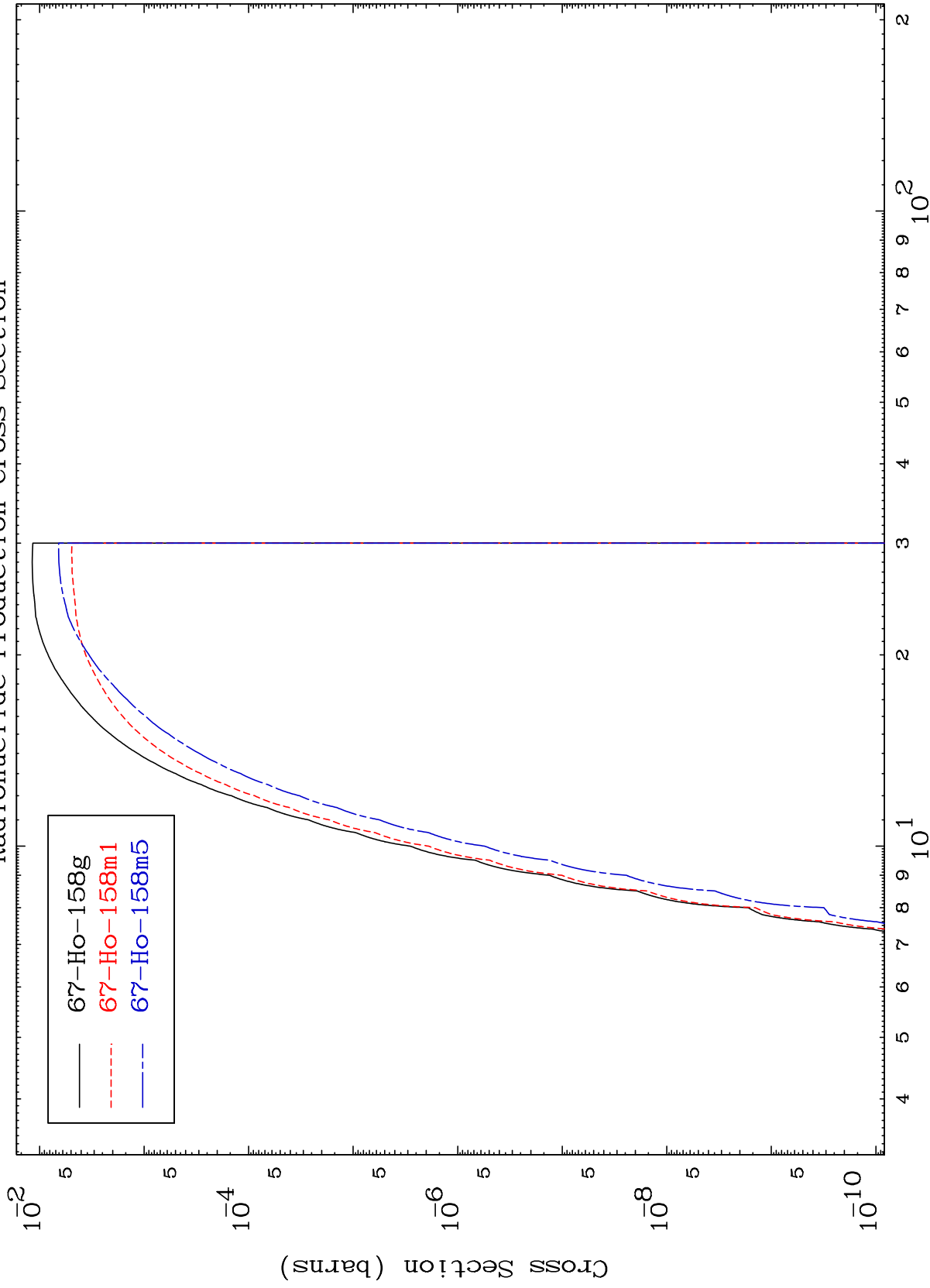
68-Er-159

MAT 6816

(n,d)

68-Er-159

Radionuclide Production Cross Section



137

Incident Energy (MeV)

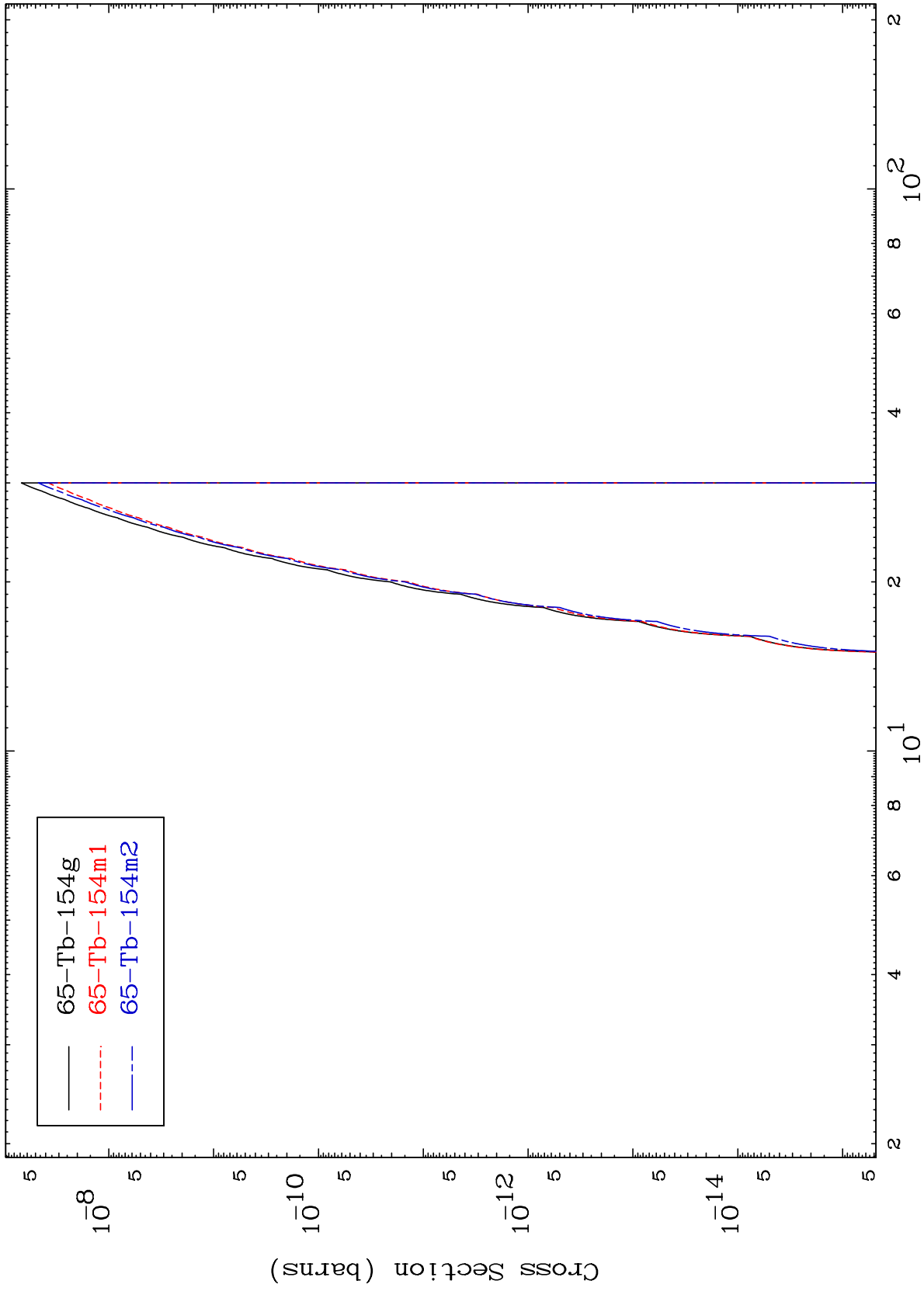
68-Er-159

MAT 6816

(n,d)  $\alpha$

68-Er-159

### Radionuclide Production Cross Section



138

Incident Energy (MeV)

68-Er-159