

Program EVALPLOT  
(Version 2018-1)

by

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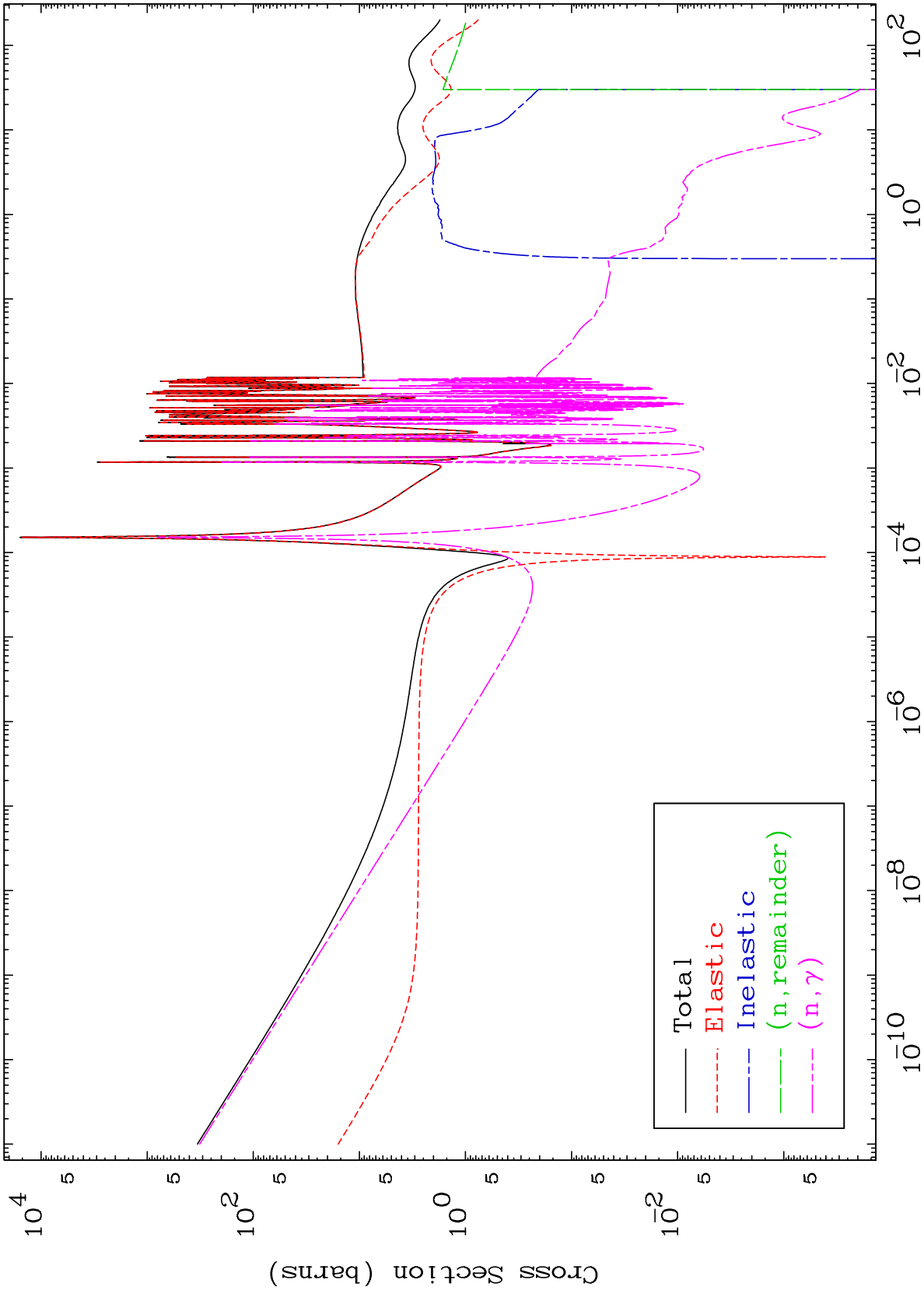
Press Mouse Button to Start

MAT 4255

Major

293 Kelvin Cross Sections

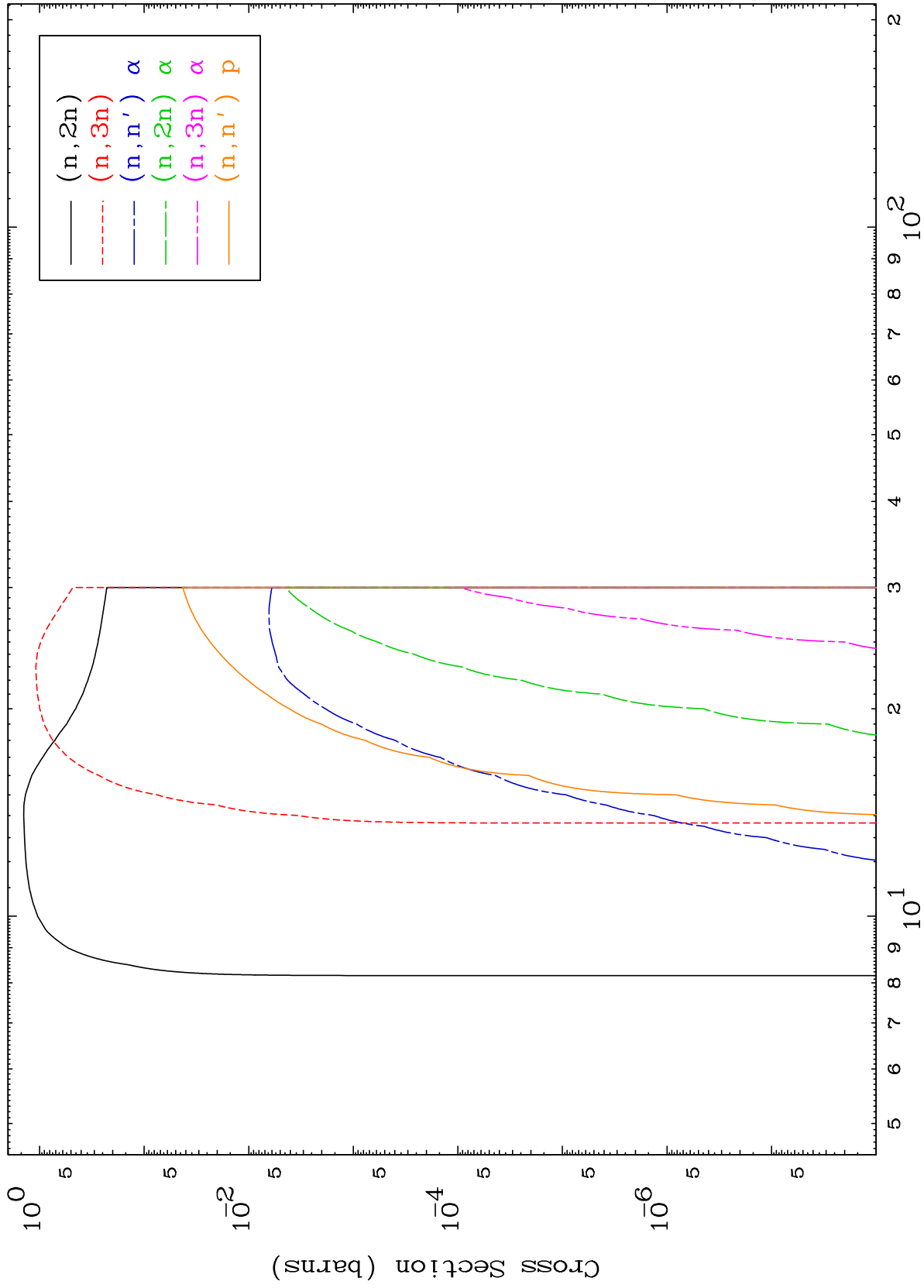
42-Mo-102



MAT 4255

Neutron Production  
293 Kelvin Cross Sections

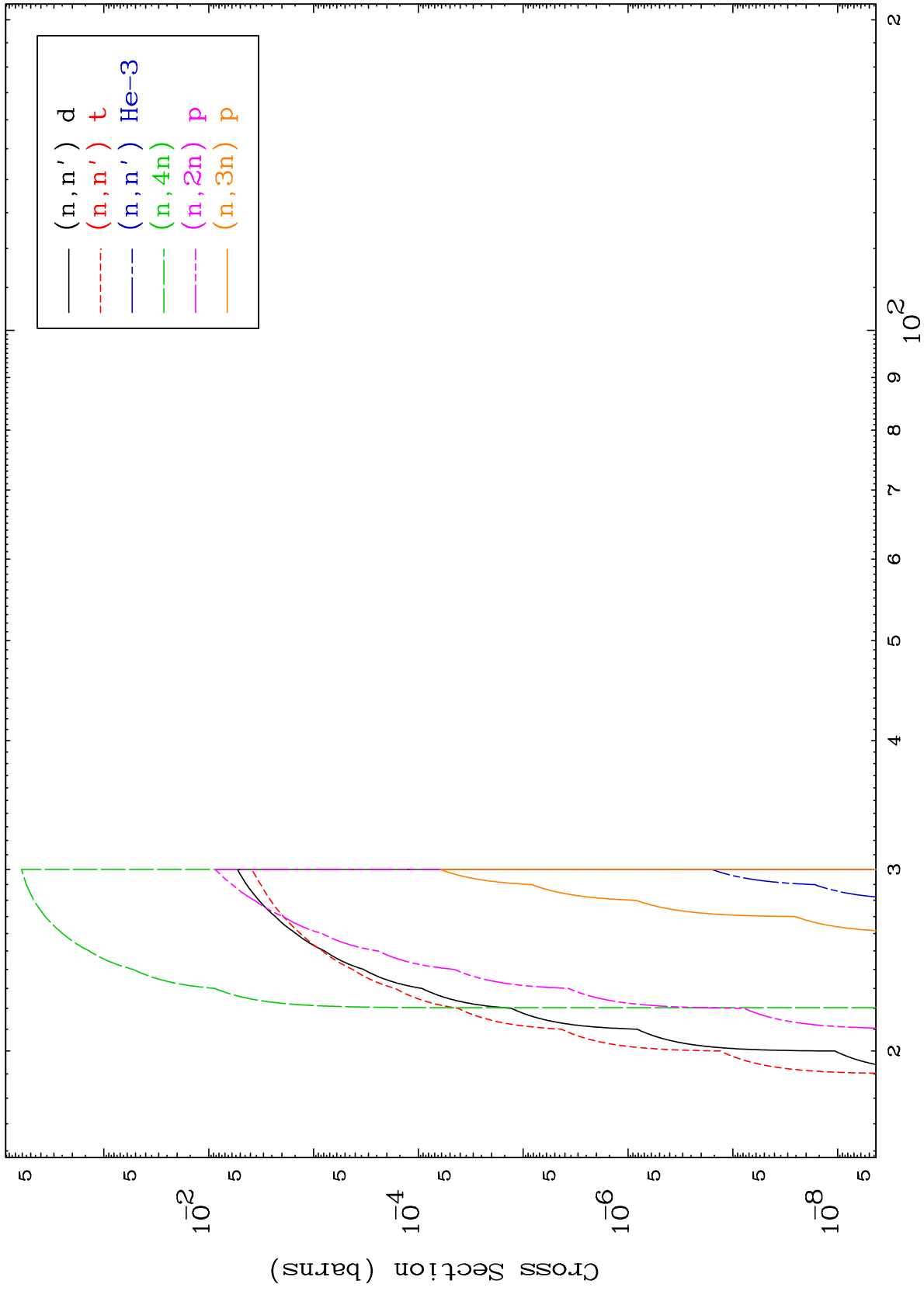
42-Mo-102

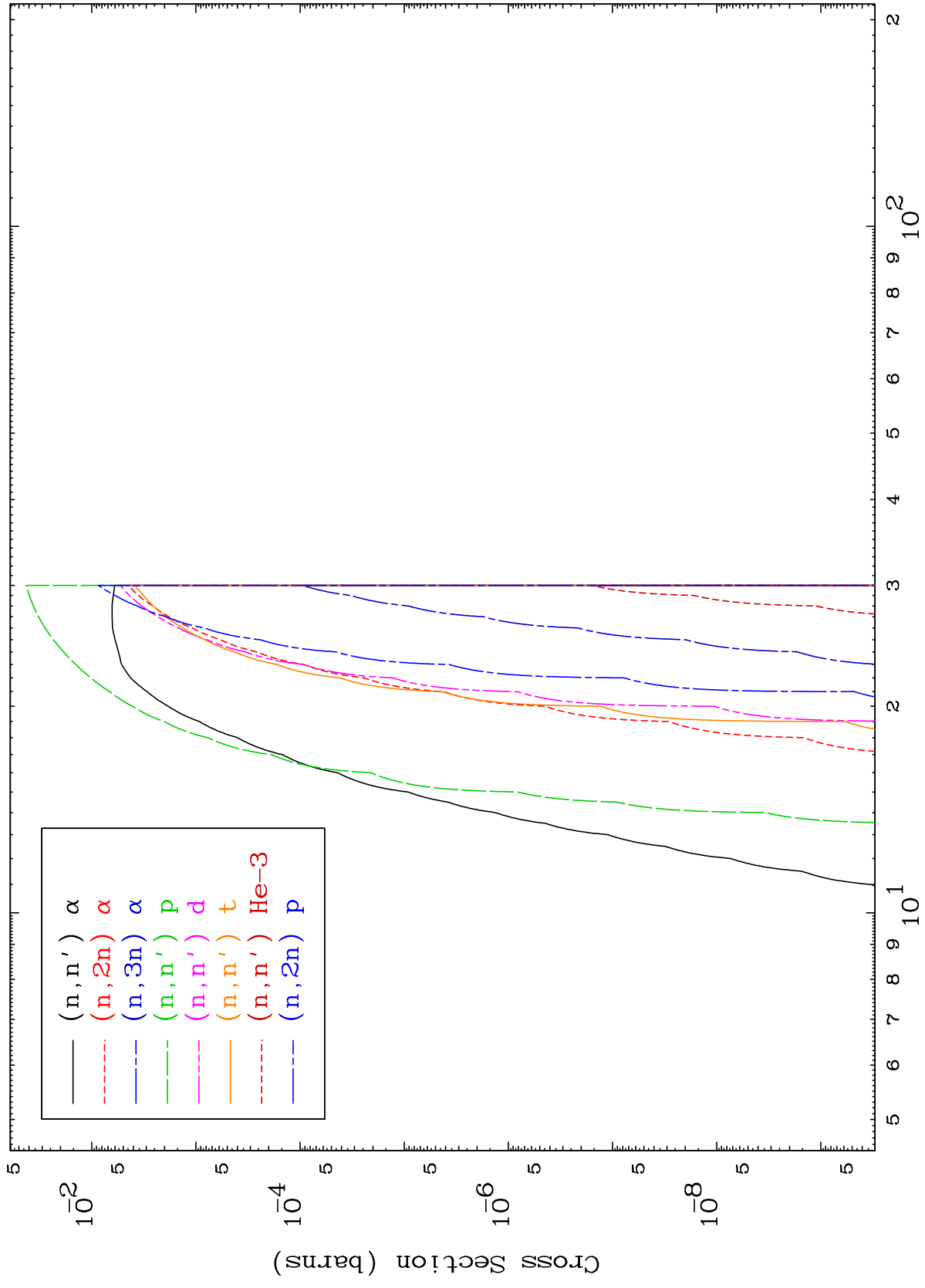


2

Incident Energy (MeV)

42-Mo-102

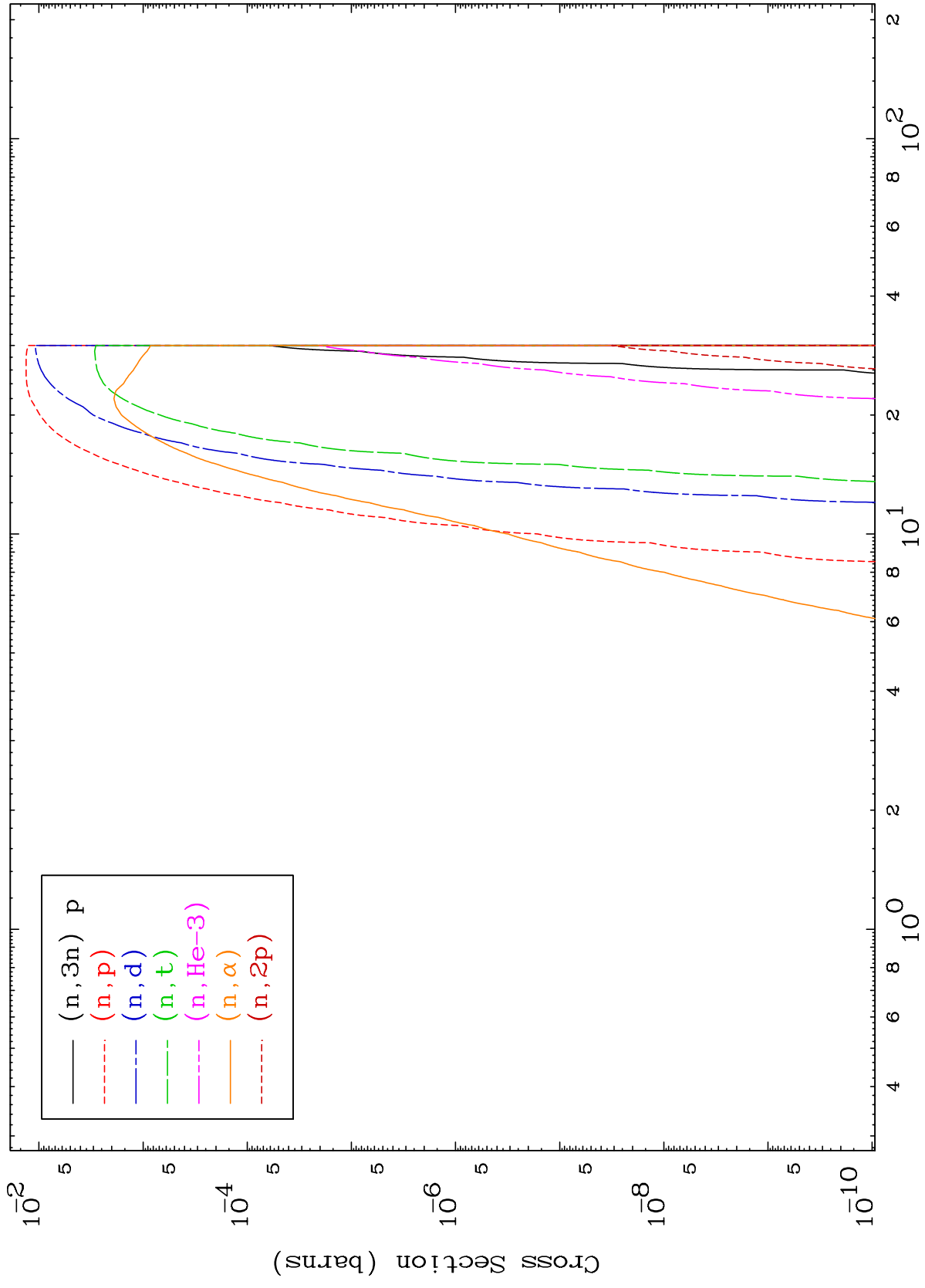




MAT 4255

293 Kelvin Cross Sections

42-Mo-102



5

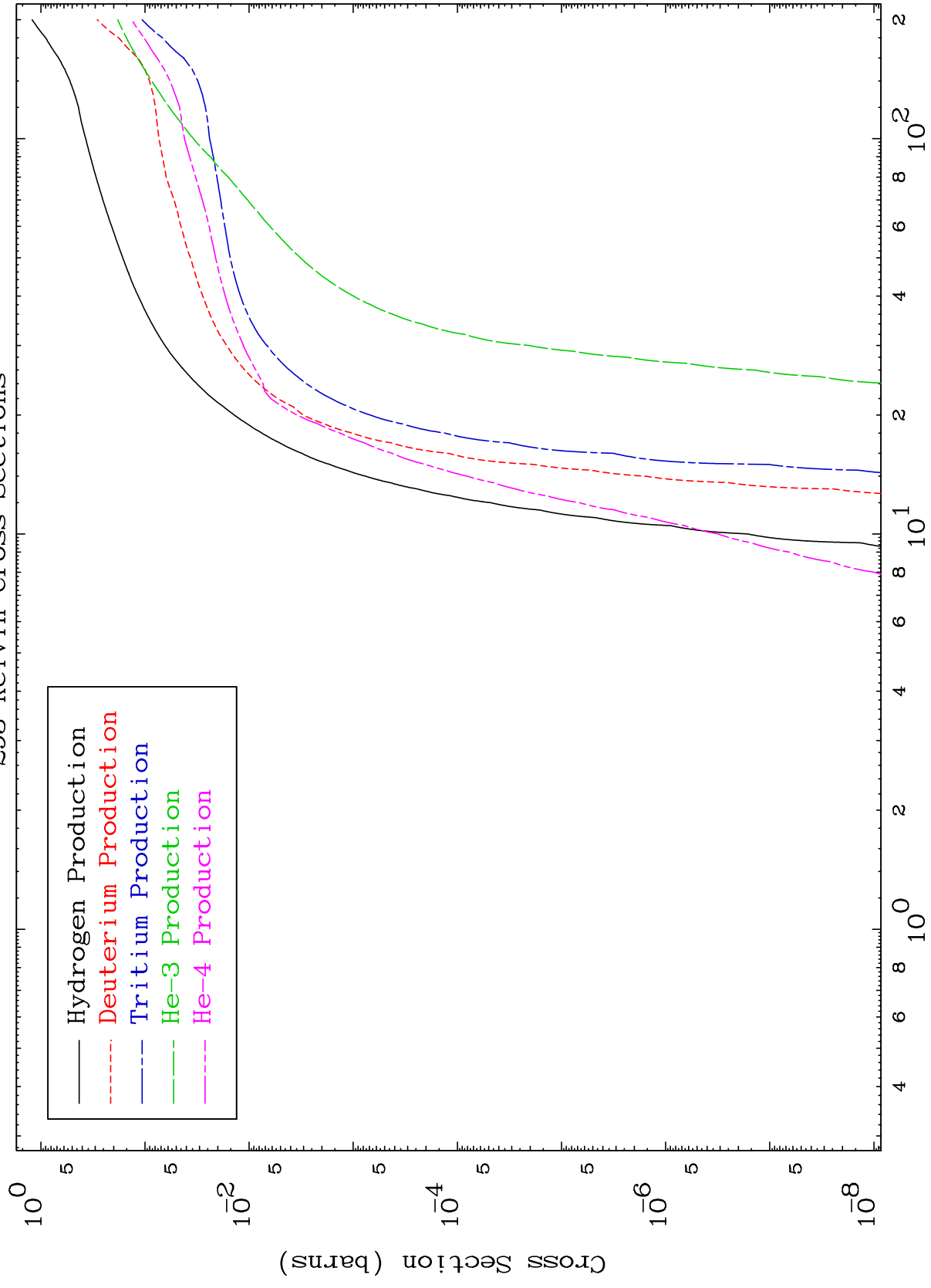
Incident Energy (MeV)

42-Mo-102

MAT 4255

Particle Production  
293 Kelvin Cross Sections

42-Mo-102

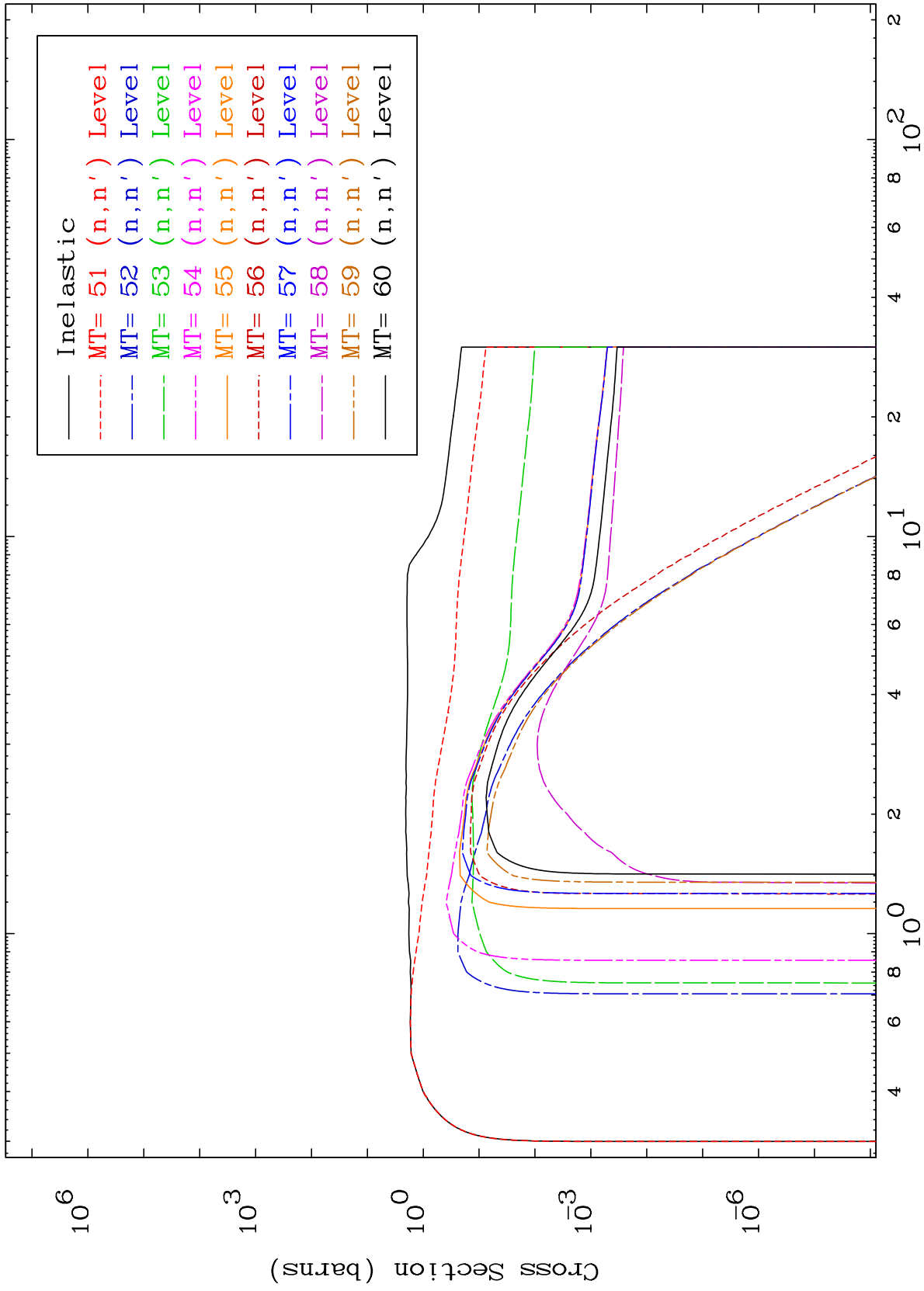


MAT 4255

(n,n') Level

42-Mo-102

293 Kelvin Cross Sections



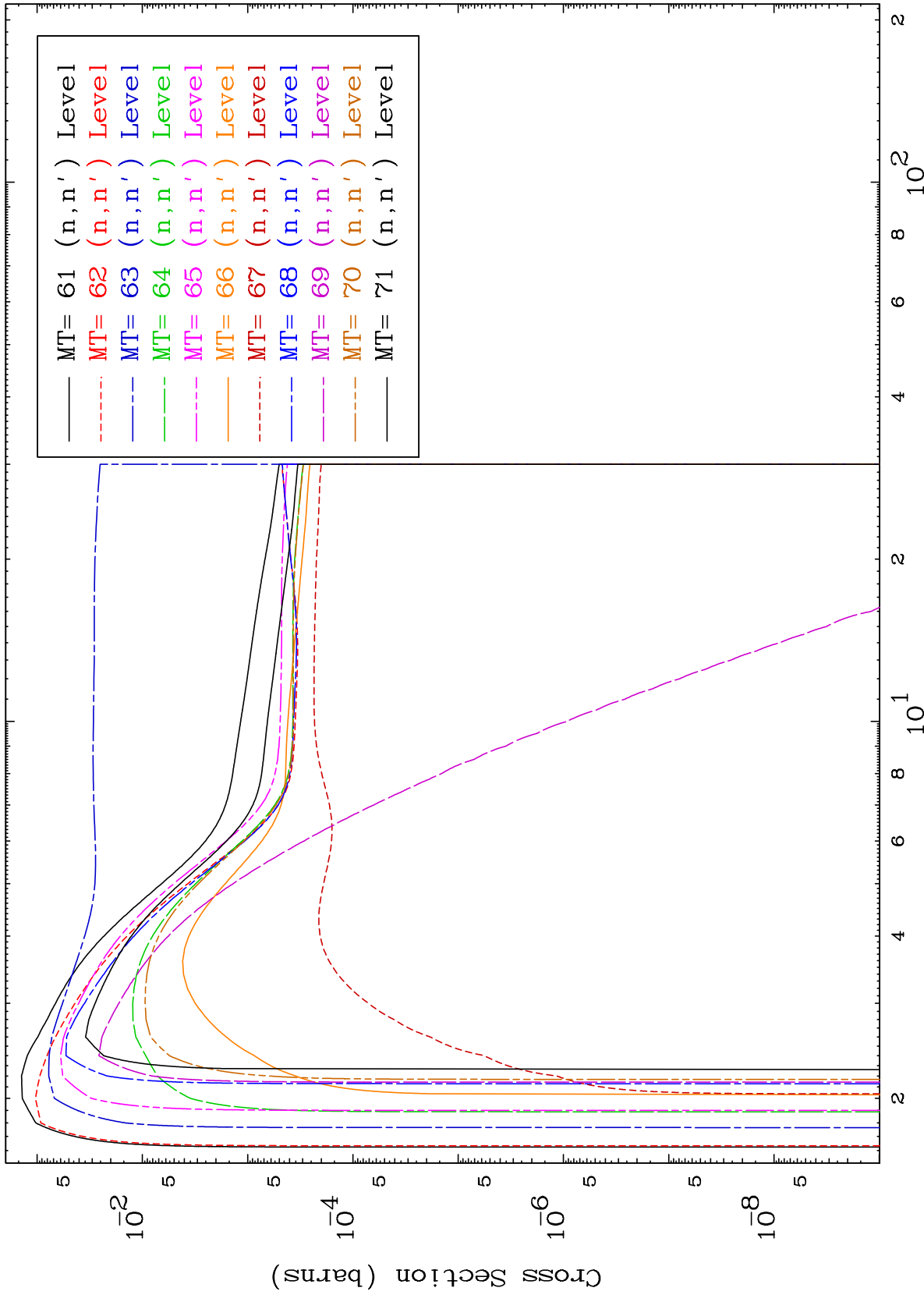


MAT 4255

(n,n') Level

42-Mo-102

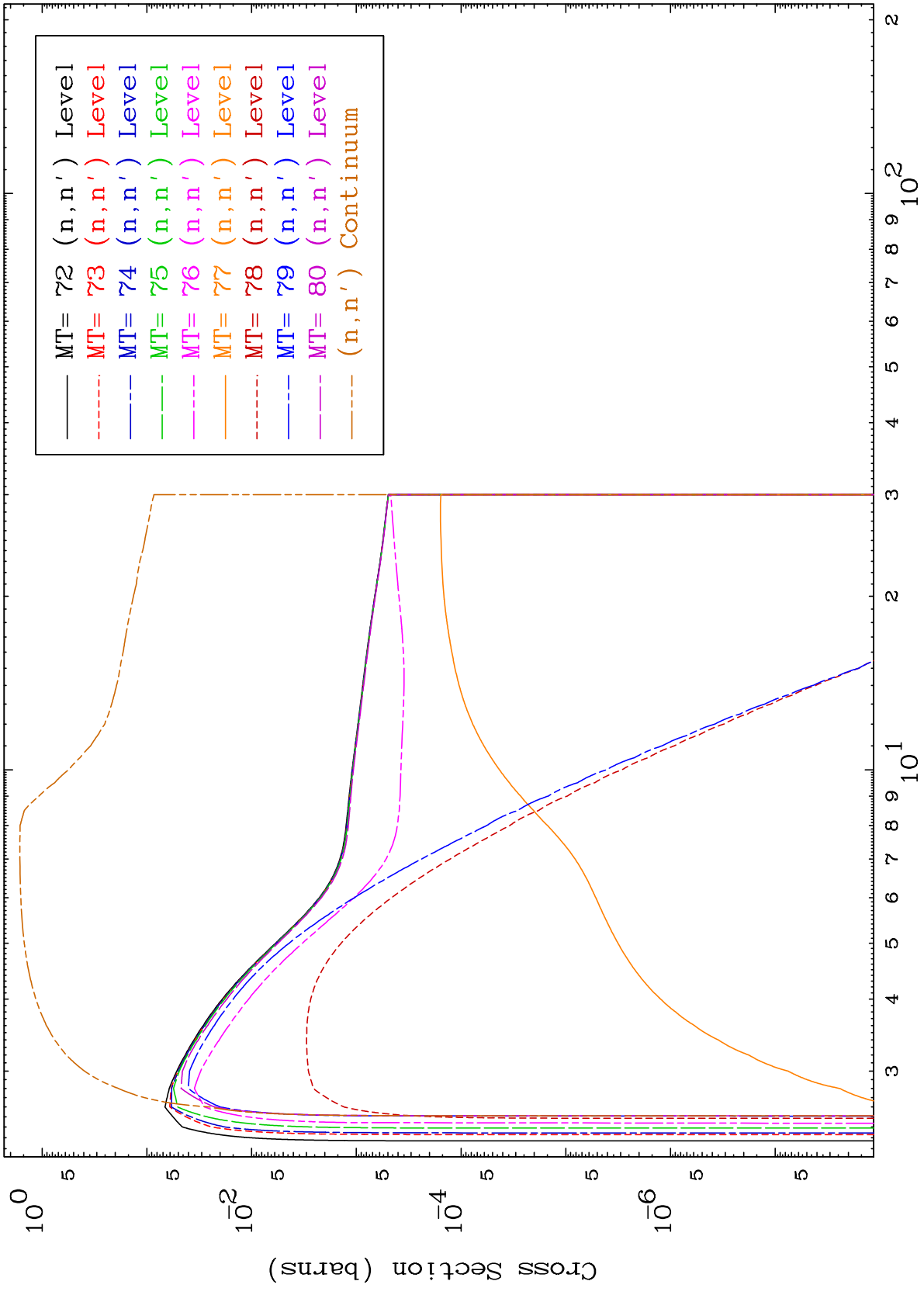
293 Kelvin Cross Sections



8

Incident Energy (MeV)

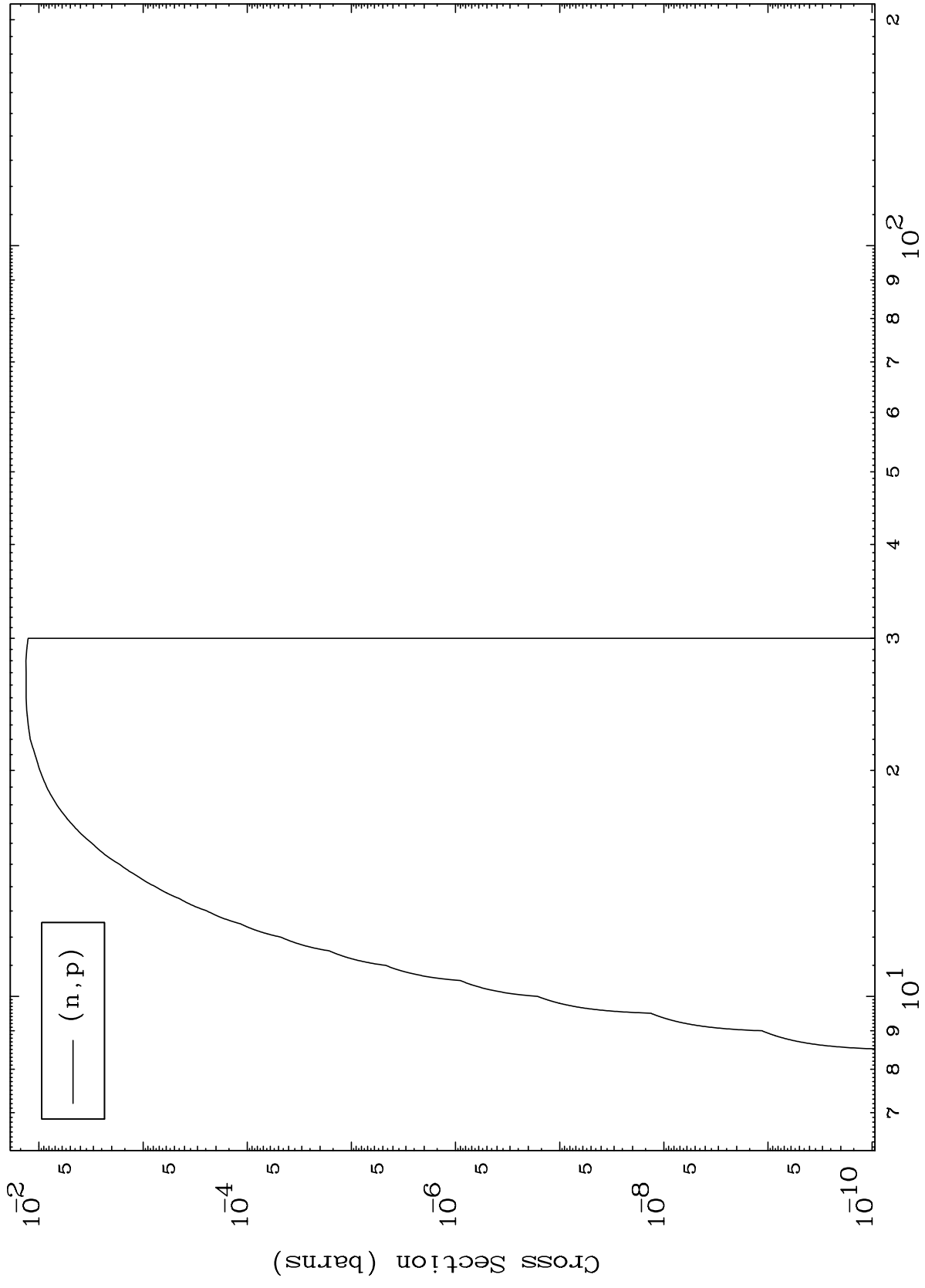
42-Mo-102



MAT 4255

(n,p) Levels  
293 Kelvin Cross Sections

42-Mo-102



10

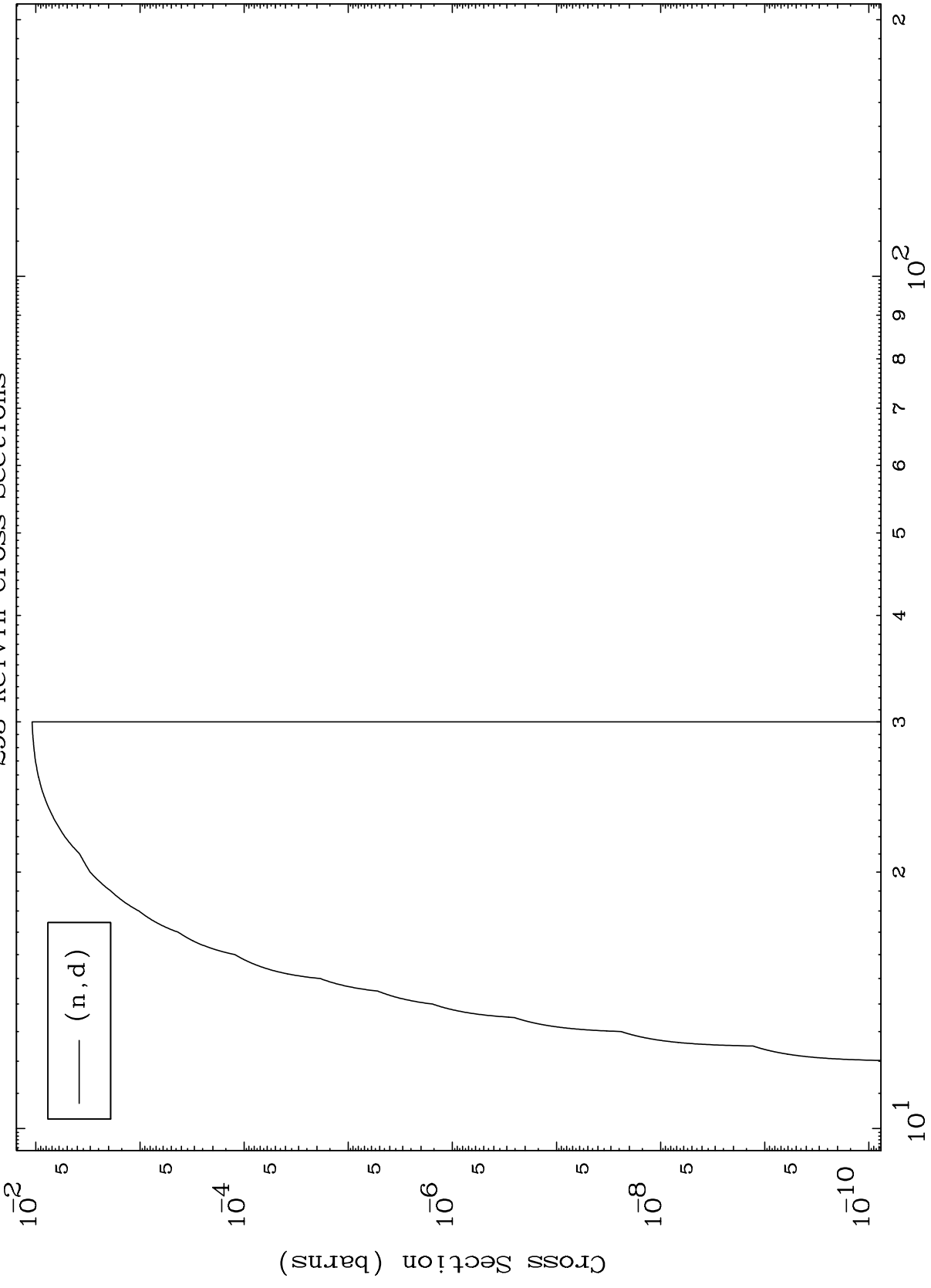
Incident Energy (MeV)

42-Mo-102

MAT 4255

(n,d) Levels  
293 Kelvin Cross Sections

42-Mo-102



11

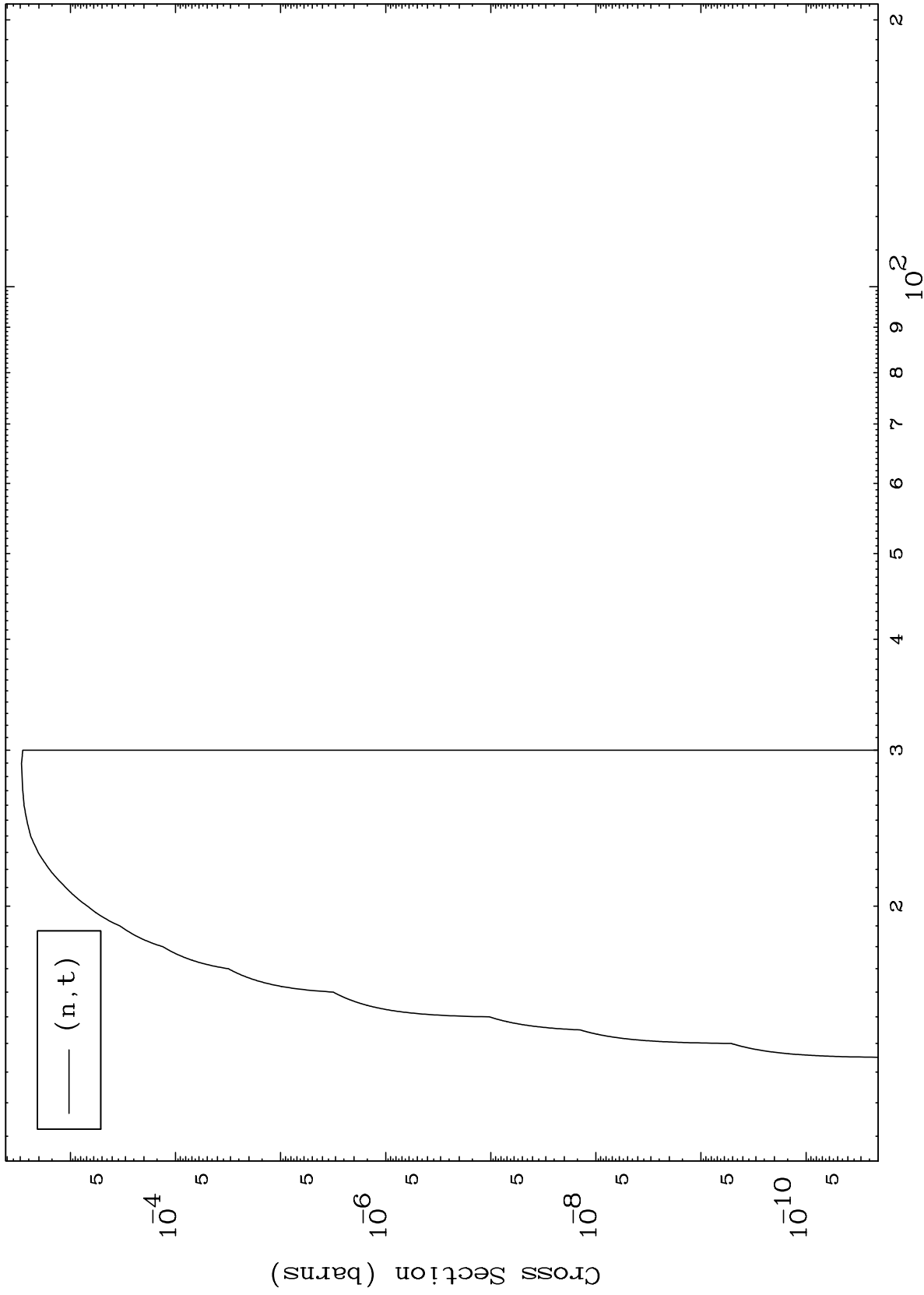
Incident Energy (MeV)

42-Mo-102

MAT 4255

(n,t) Levels  
293 Kelvin Cross Sections

42-Mo-102



12

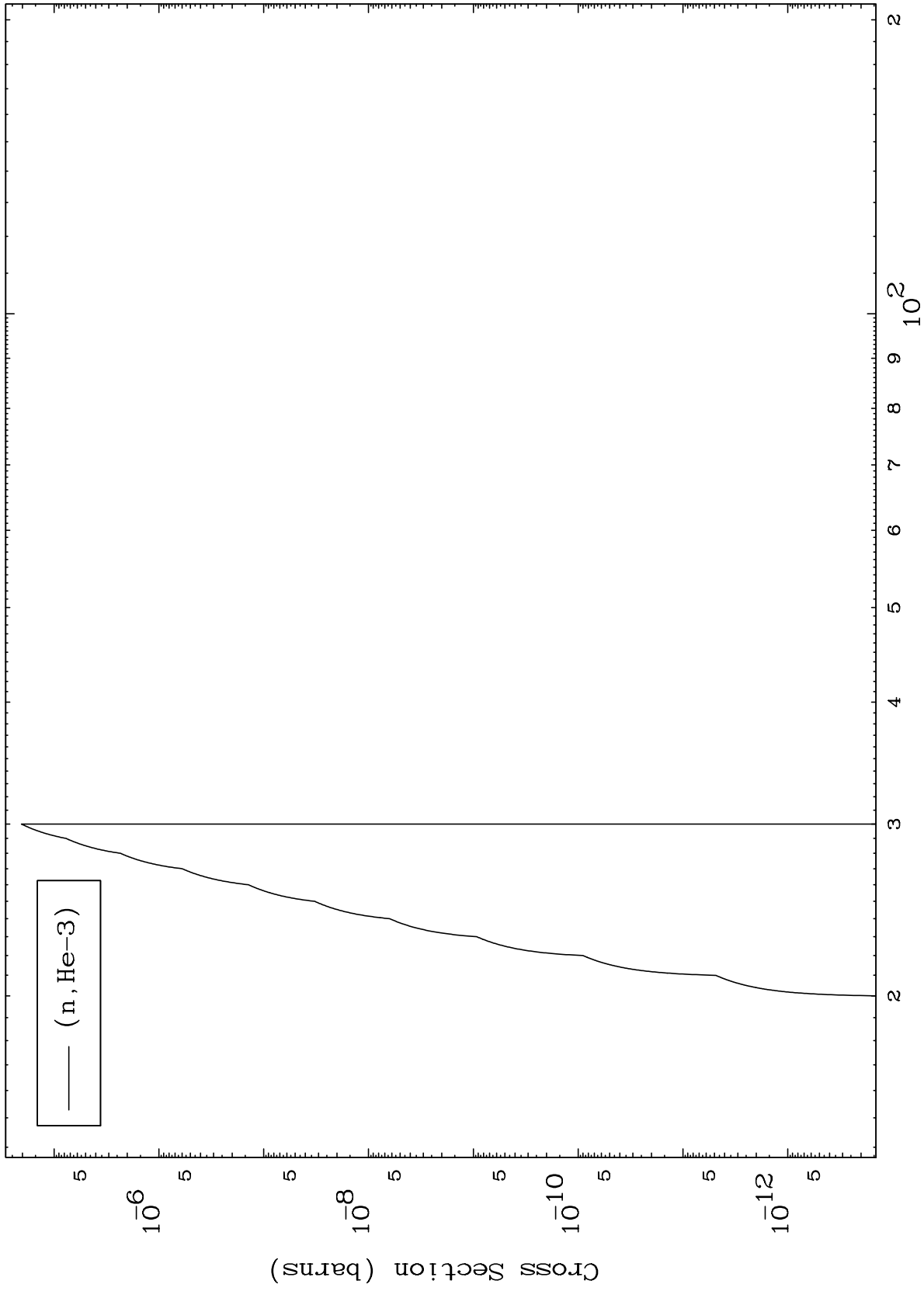
Incident Energy (MeV)

42-Mo-102

MAT 4255

(n,He3) Levels  
293 Kelvin Cross Sections

42-Mo-102



13

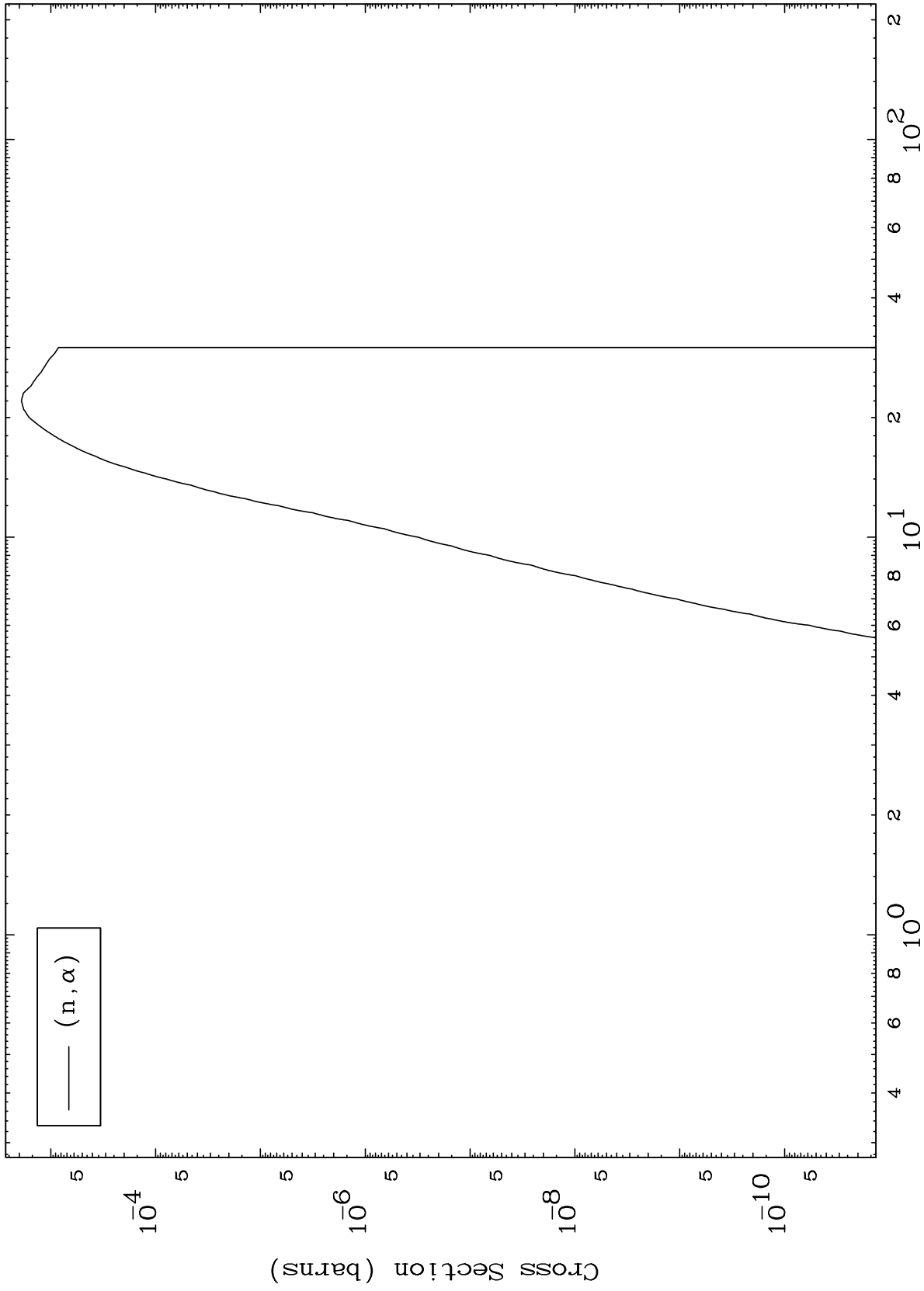
Incident Energy (MeV)

42-Mo-102

MAT 4255

(n,α) Levels  
293 Kelvin Cross Sections

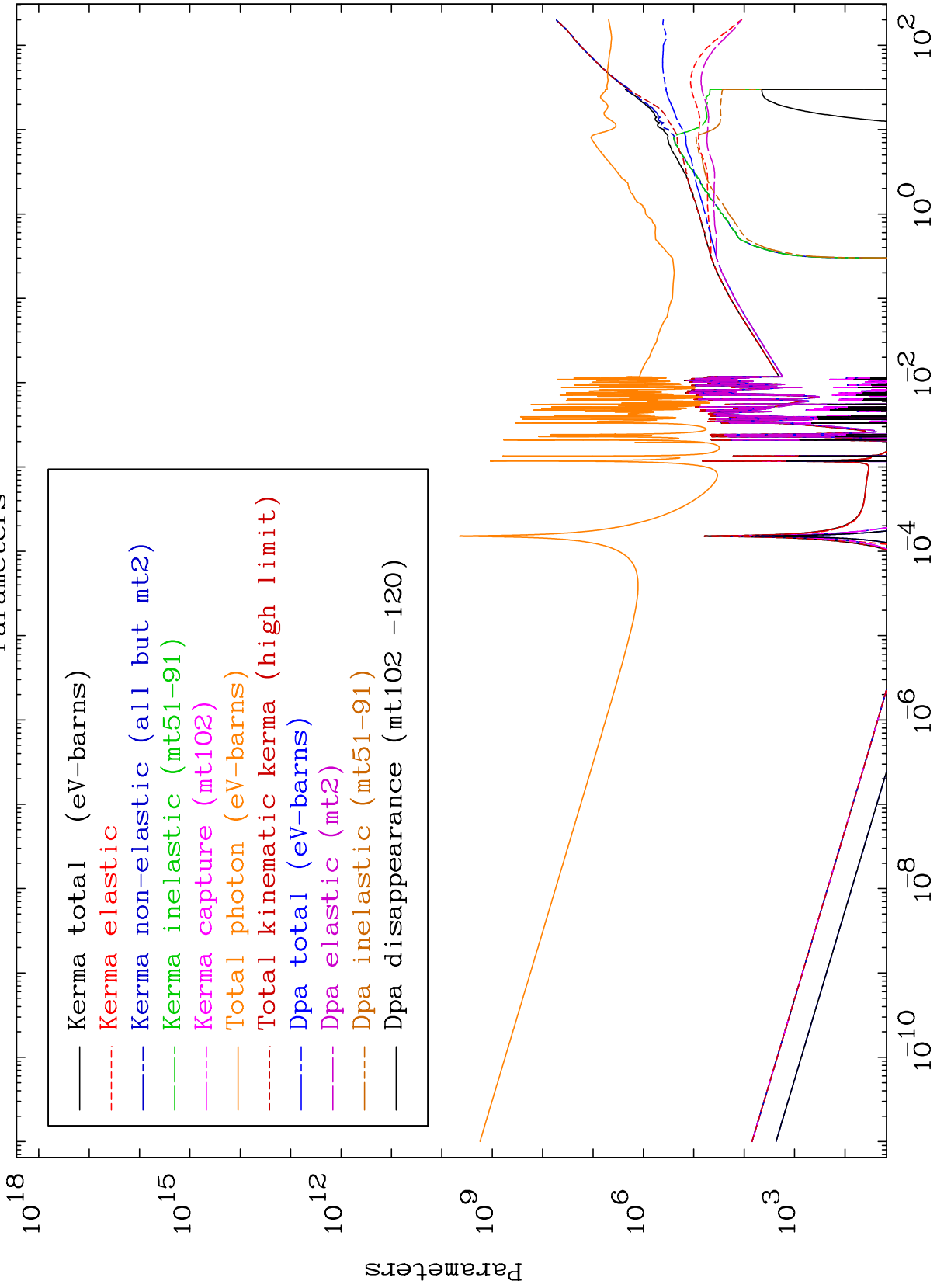
42-Mo-102



14

Incident Energy (MeV)

42-Mo-102

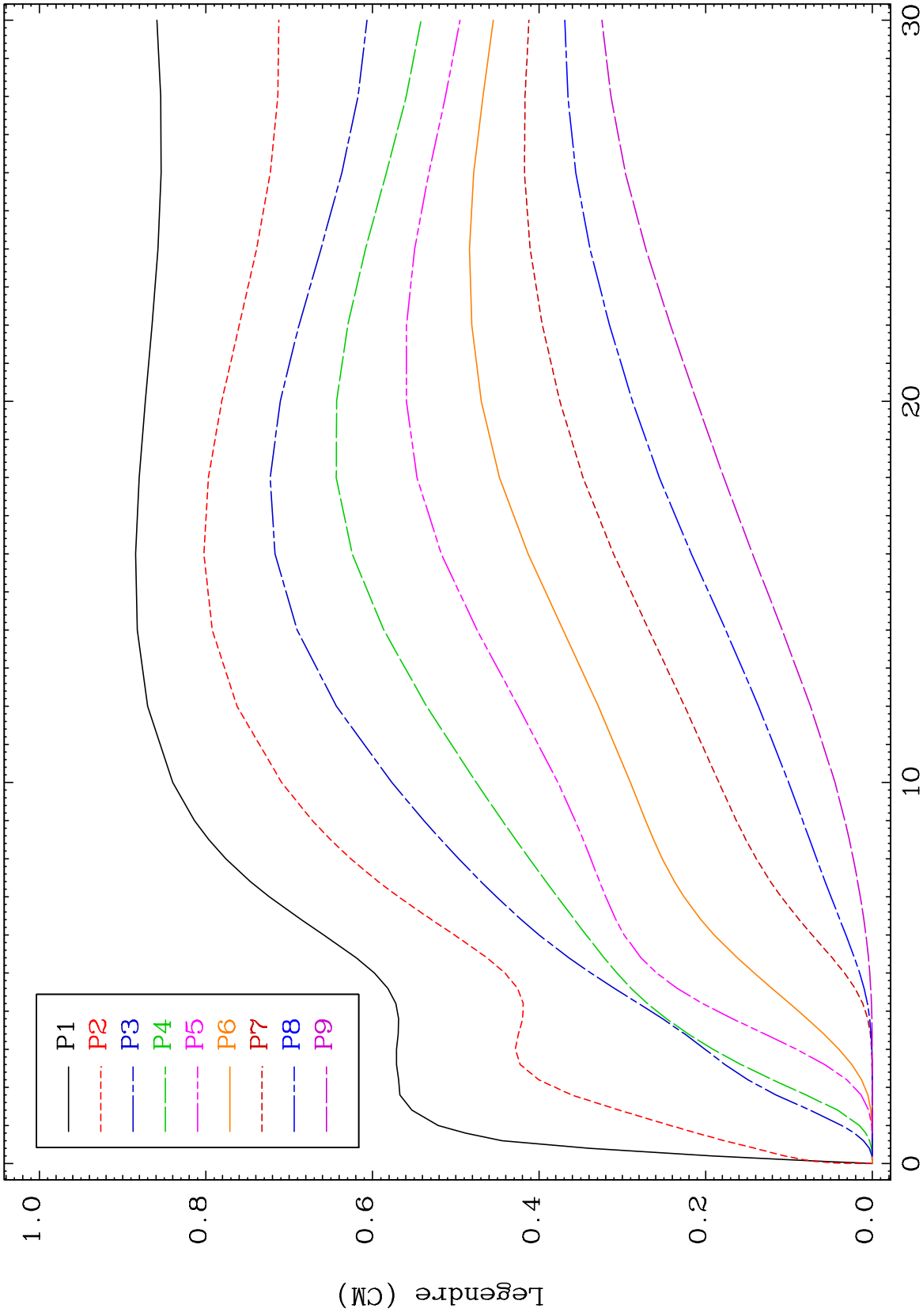




MAT 4255

Elastic Legendre Coefficients

42-Mo-102



16

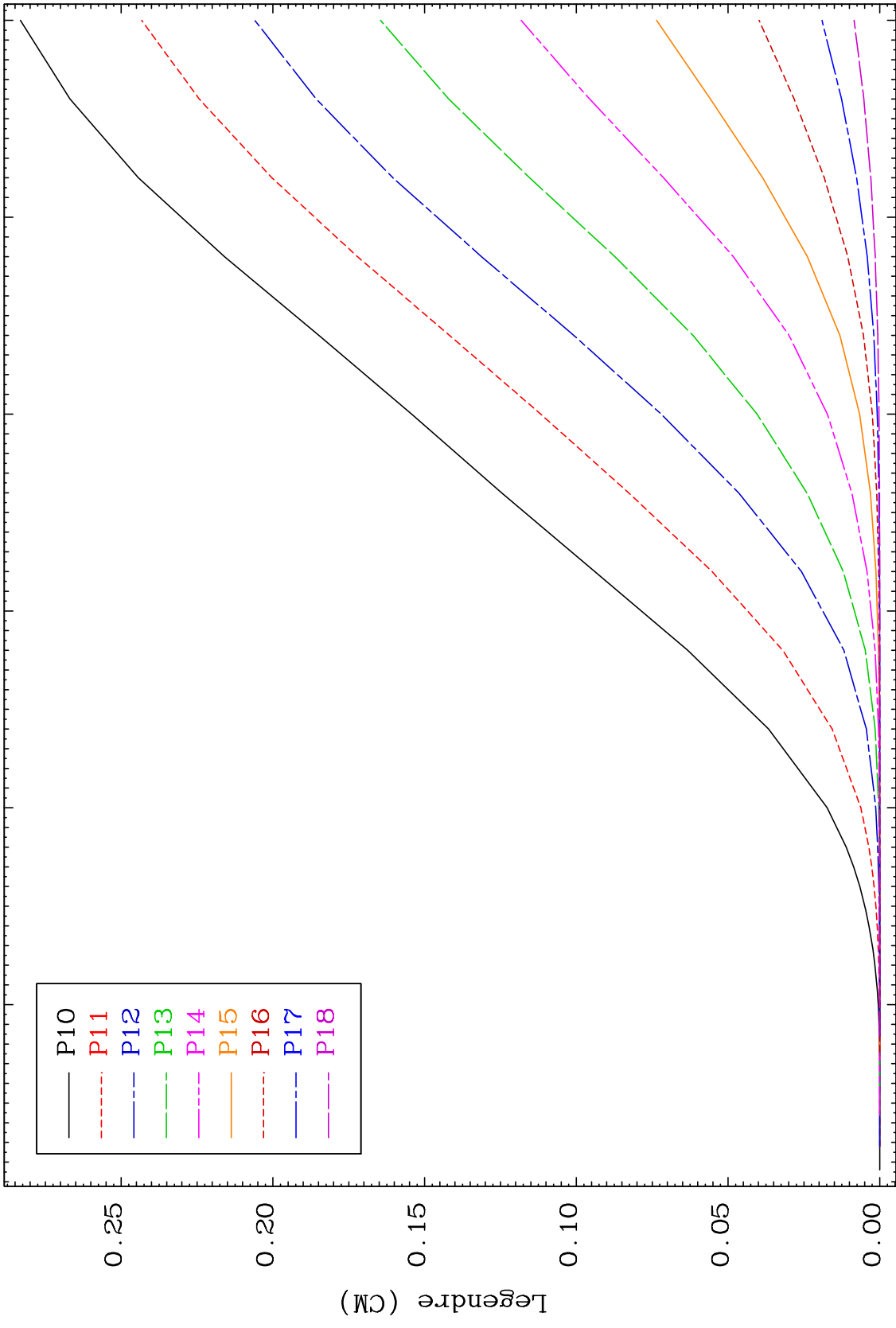
Incident Energy (MeV)

42-Mo-102

MAT 4255

Elastic Legendre Coefficients

42-Mo-102



17

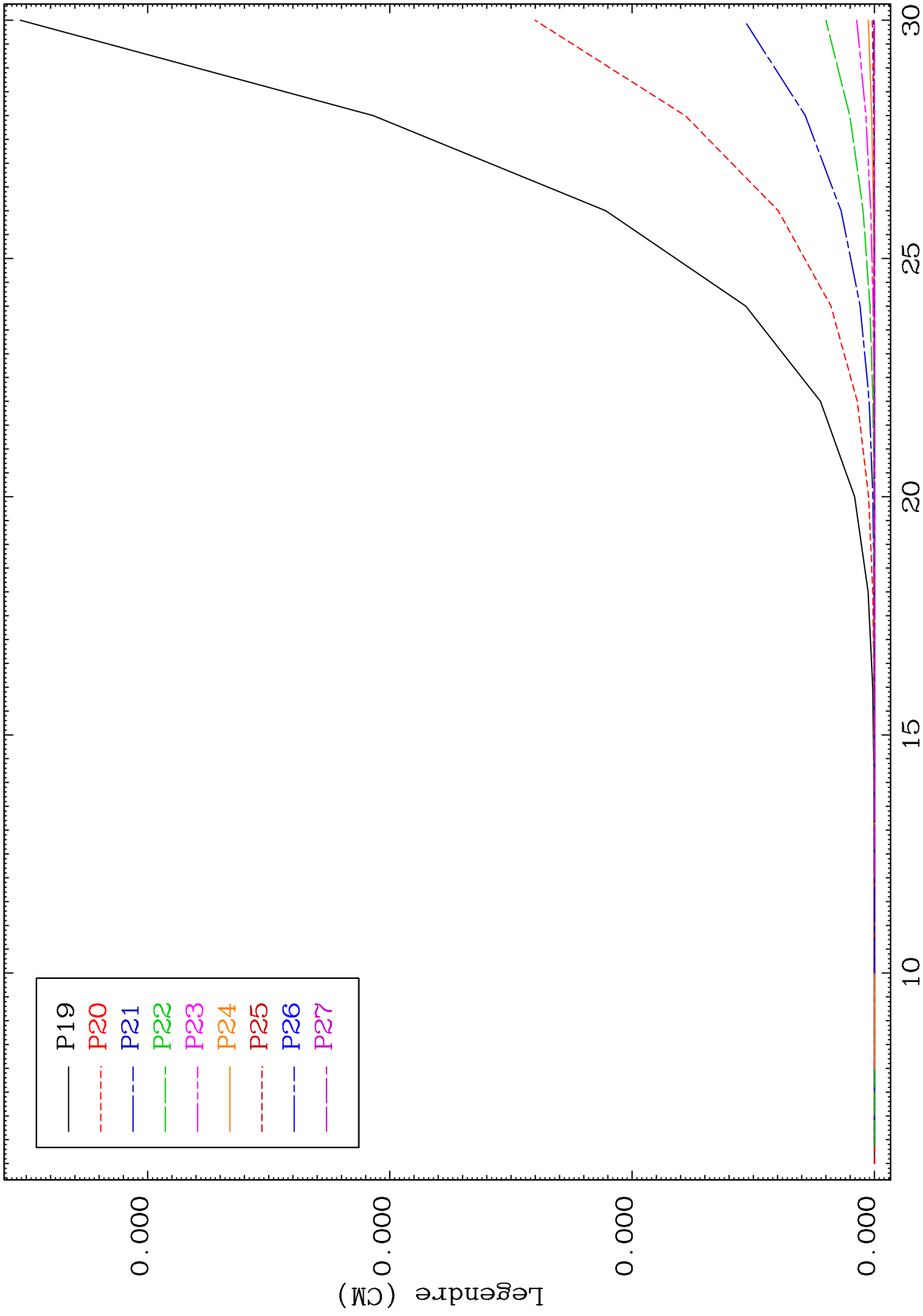
Incident Energy (MeV)

42-Mo-102

MAT 4255

### Elastic Legendre Coefficients

42-Mo-102



18

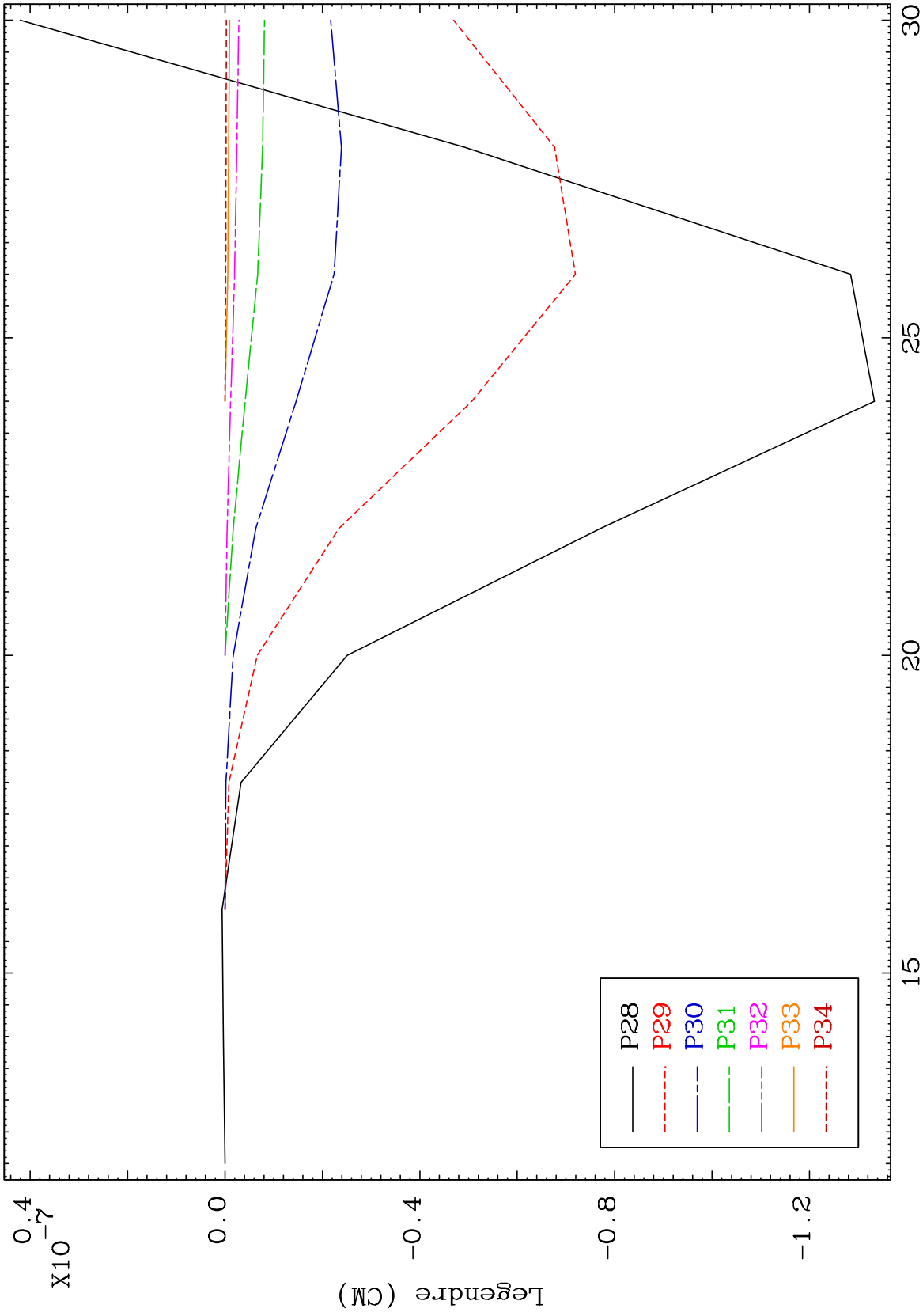
Incident Energy (MeV)

42-Mo-102

MAT 4255

Elastic Legendre Coefficients

42-Mo-102



19

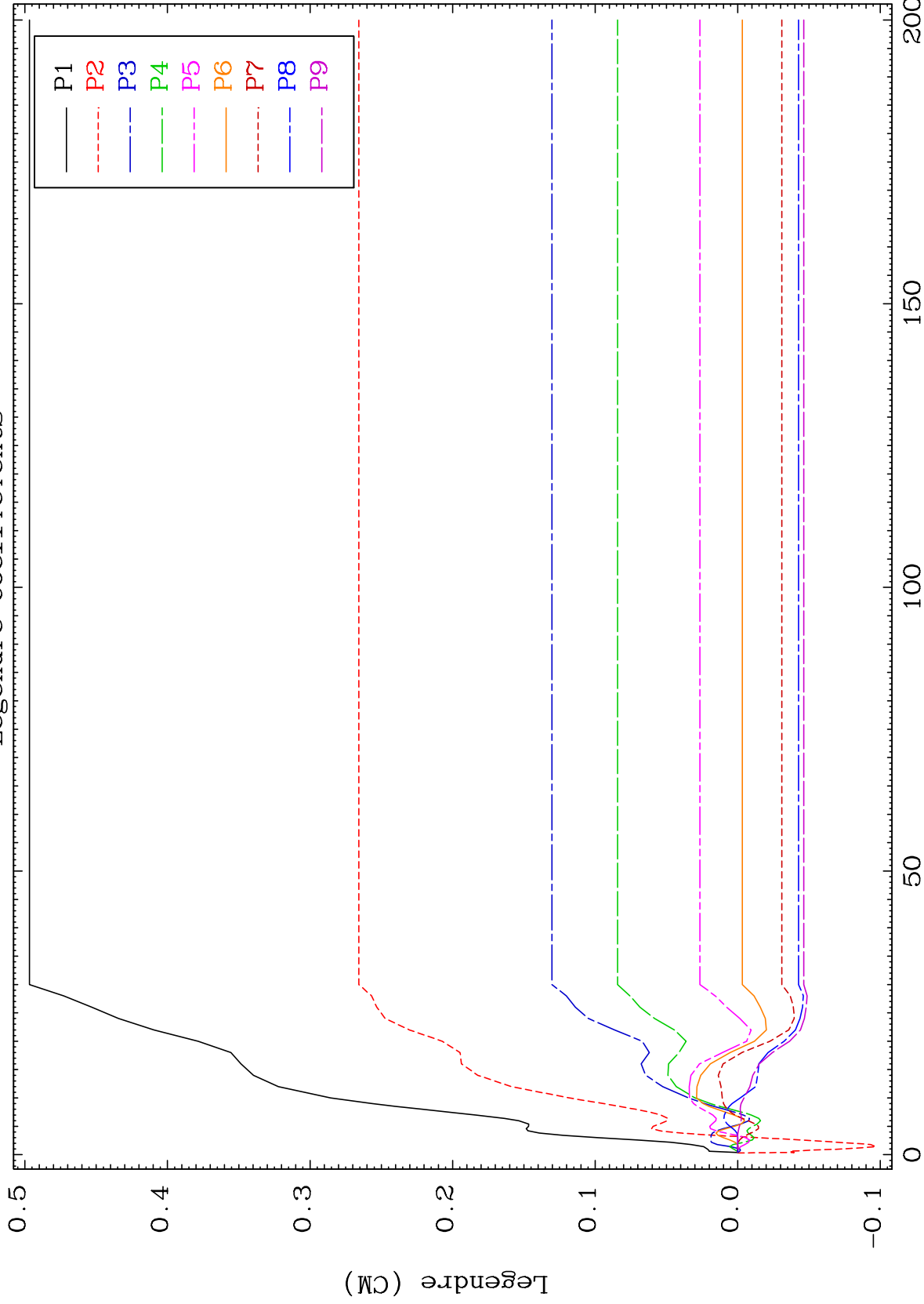
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



20

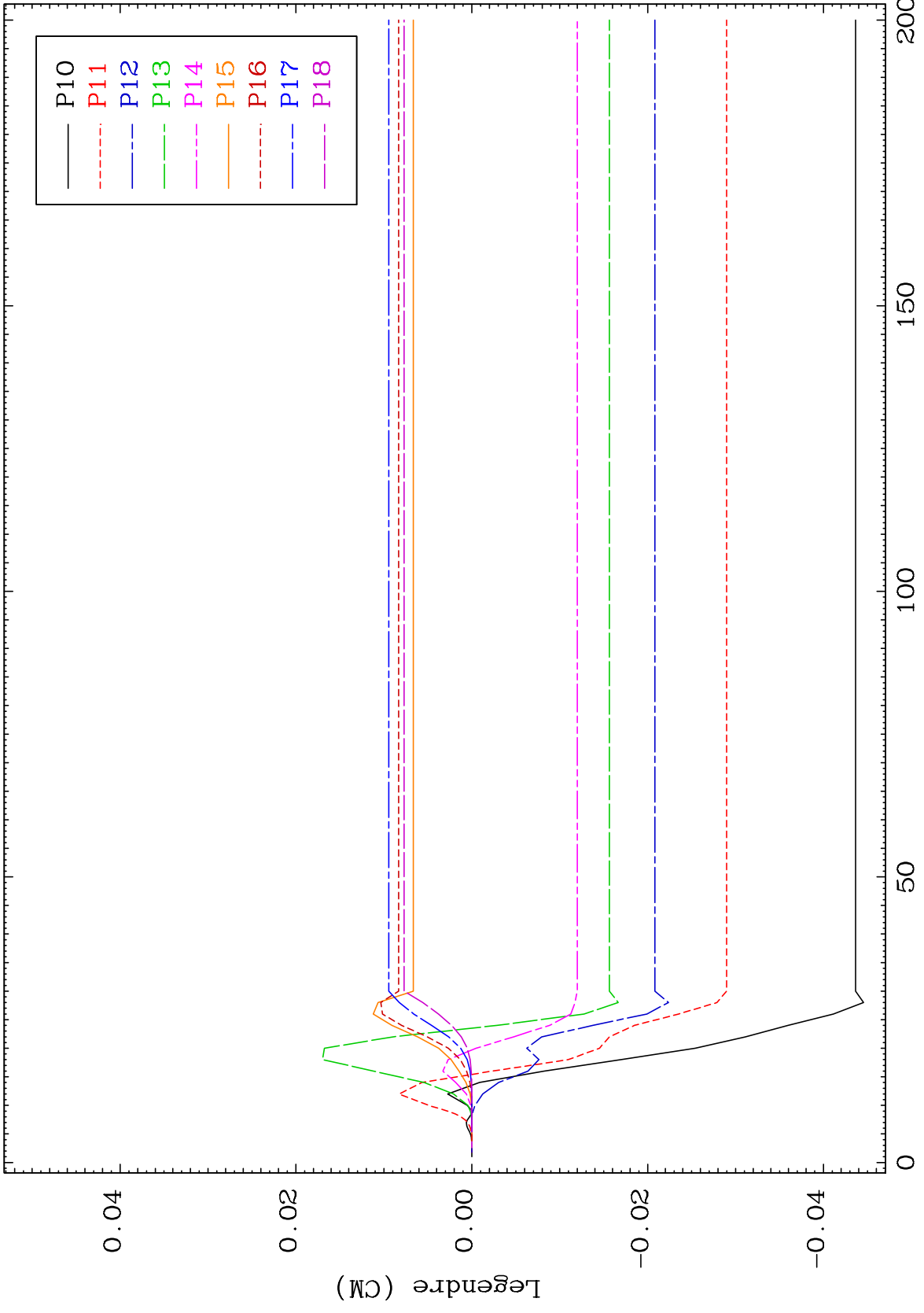
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



21

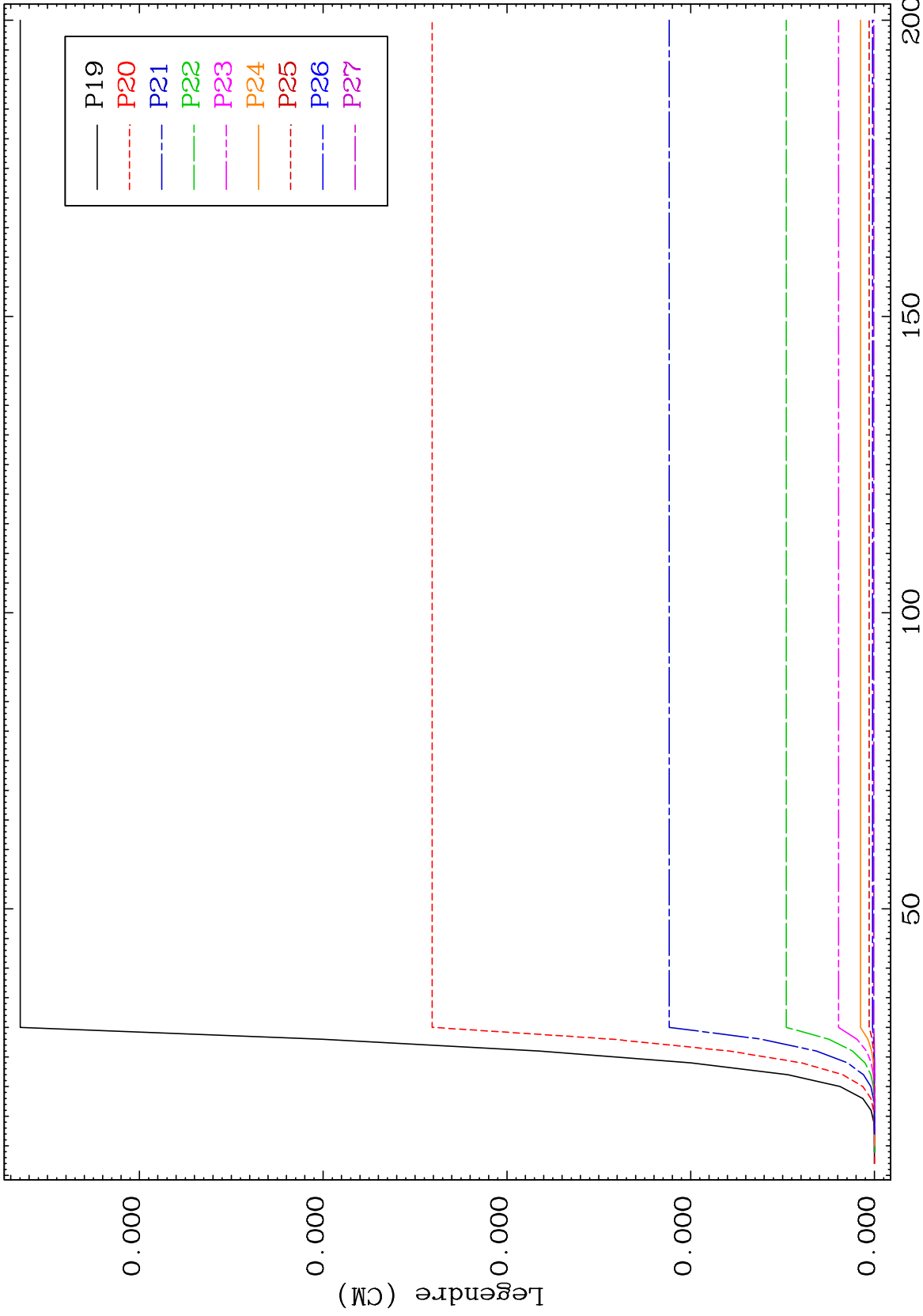
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



22

42-Mo-102

200

150

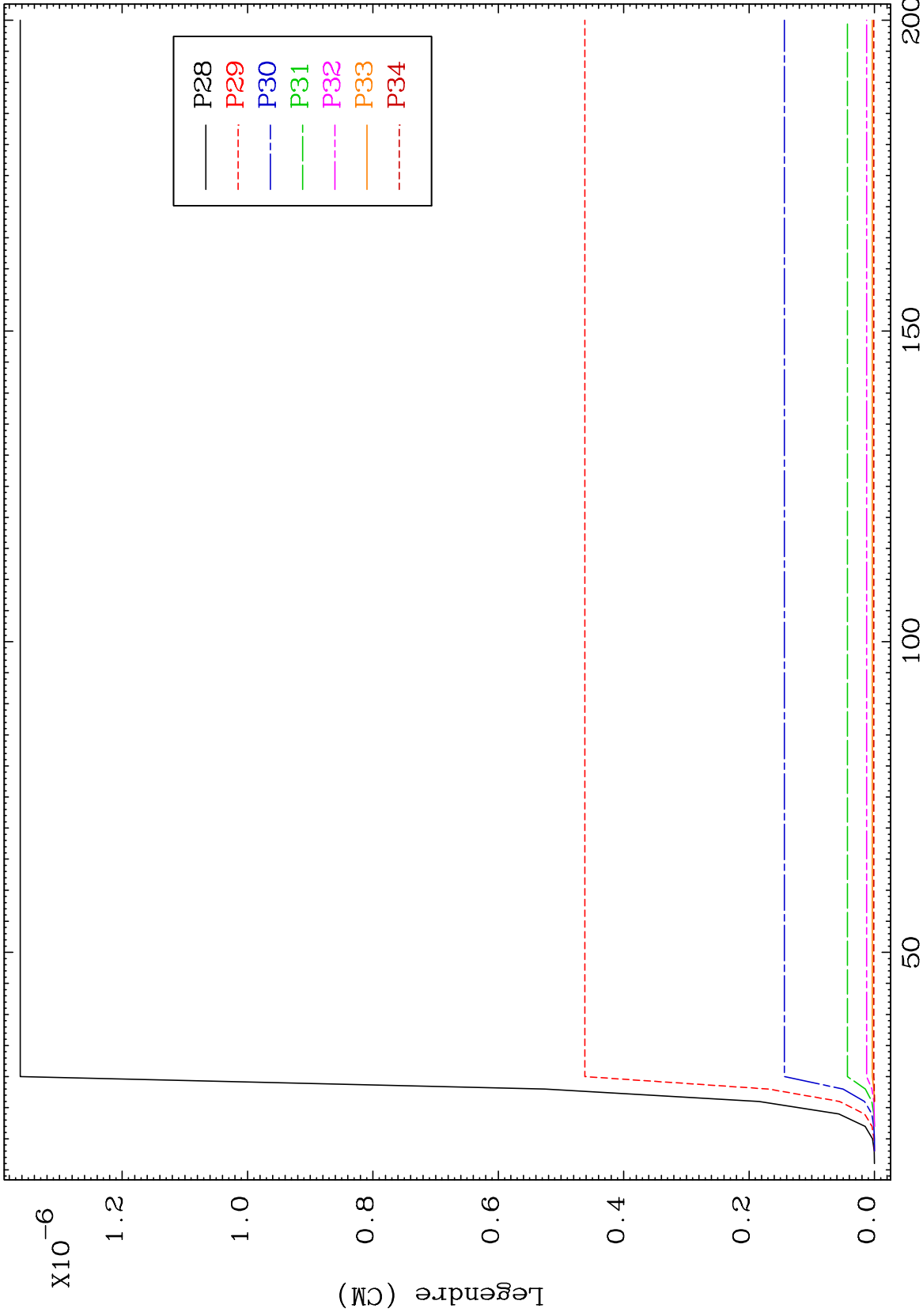
100

50

MAT 4255

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

42-Mo-102



23

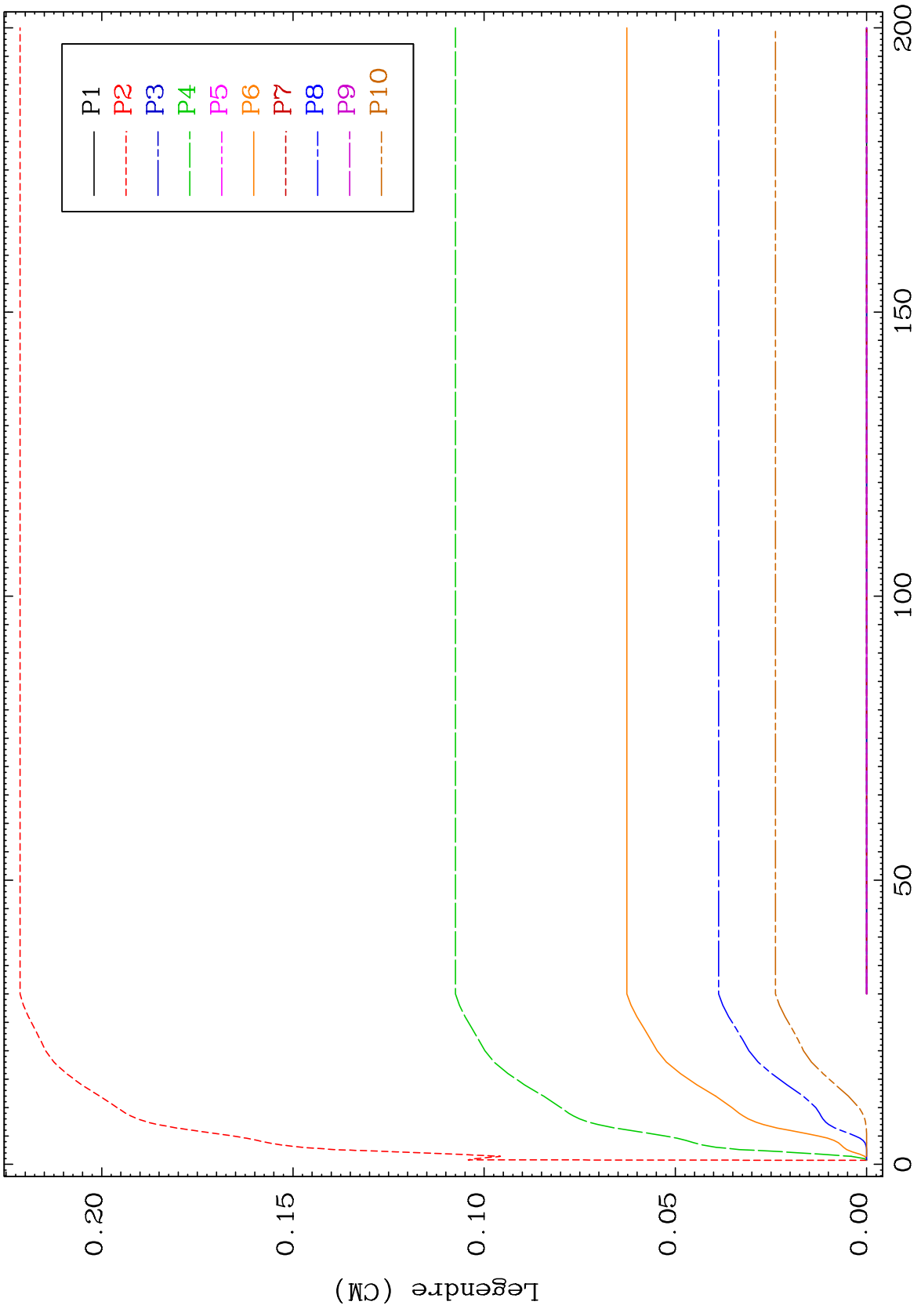
42-Mo-102



MAT 4255

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

42-Mo-102

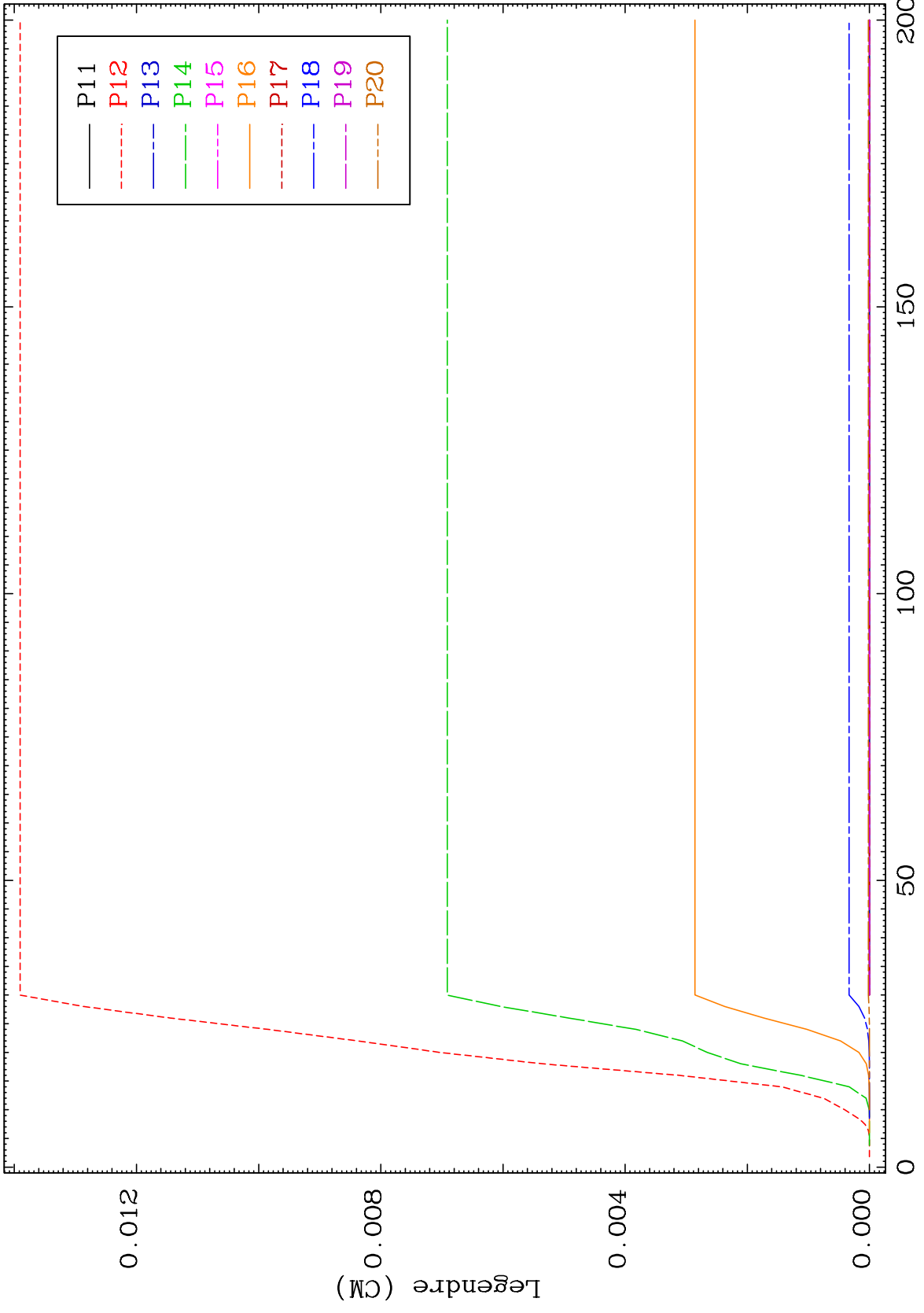


24

Incident Energy (MeV)

42-Mo-102

MAT 4255 MT= 52 (n,n') Level Legendre Coefficients 42-Mo-102

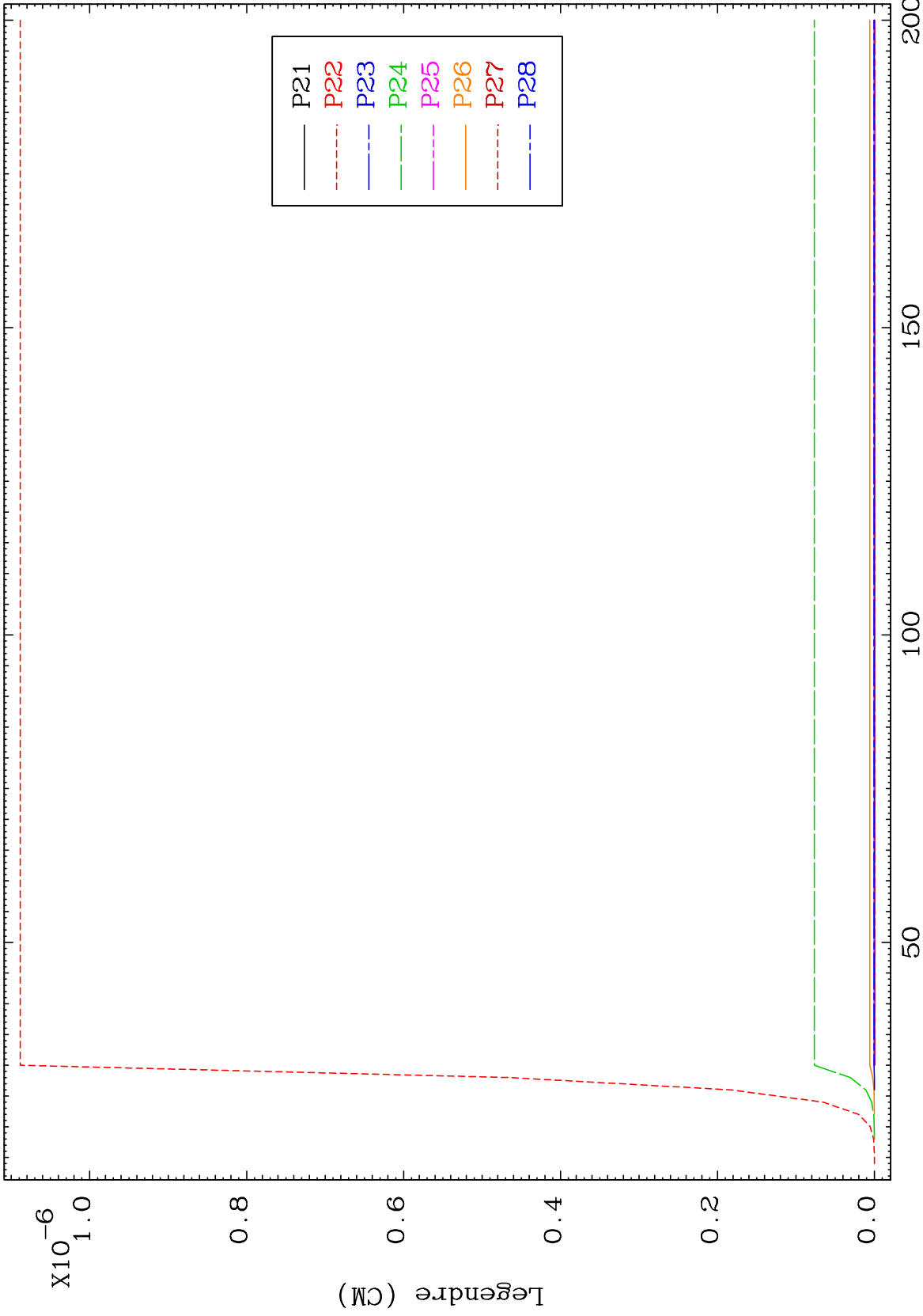


25 Incident Energy (MeV) 42-Mo-102

MAT 4255

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

42-Mo-102



26

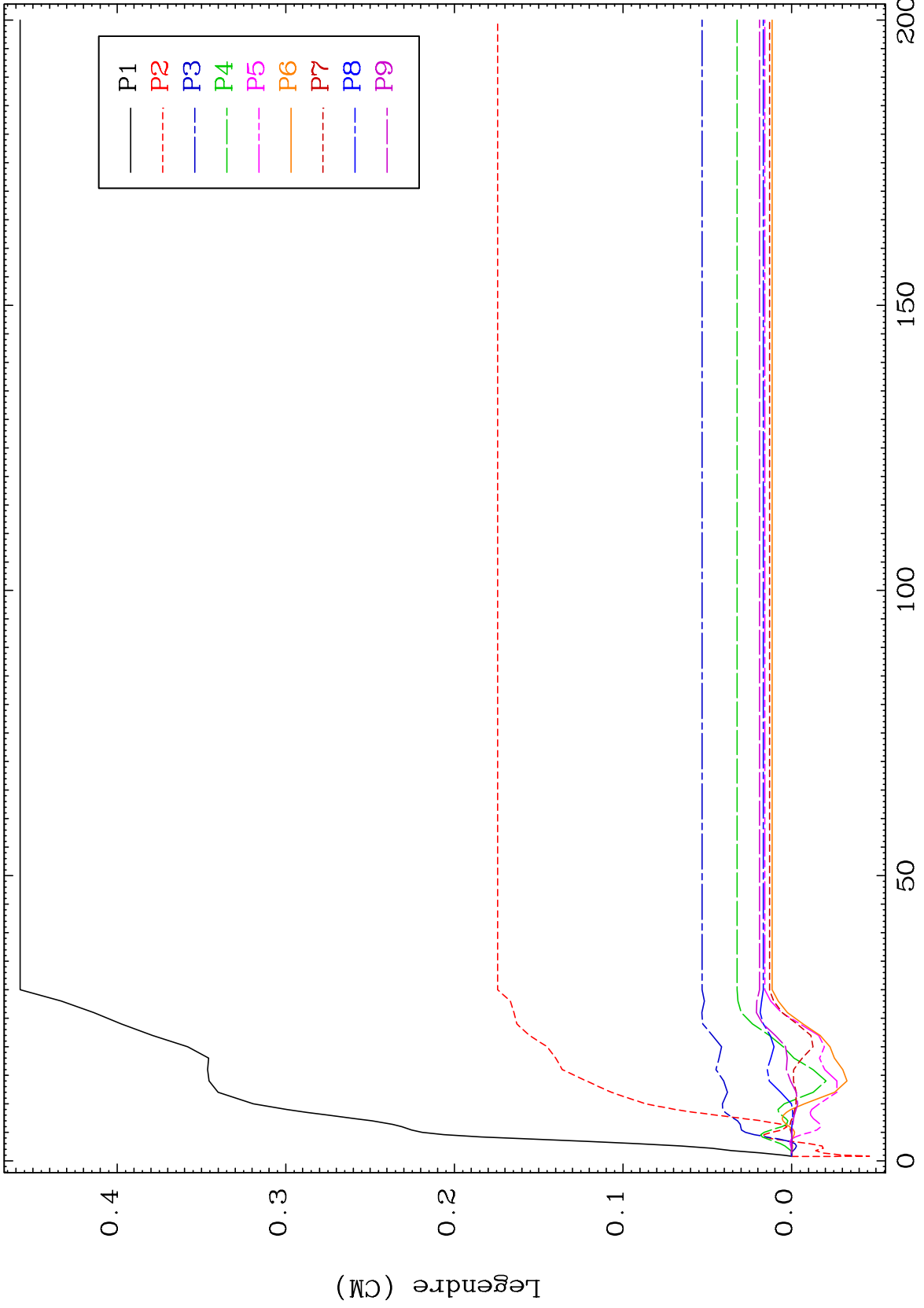
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



27

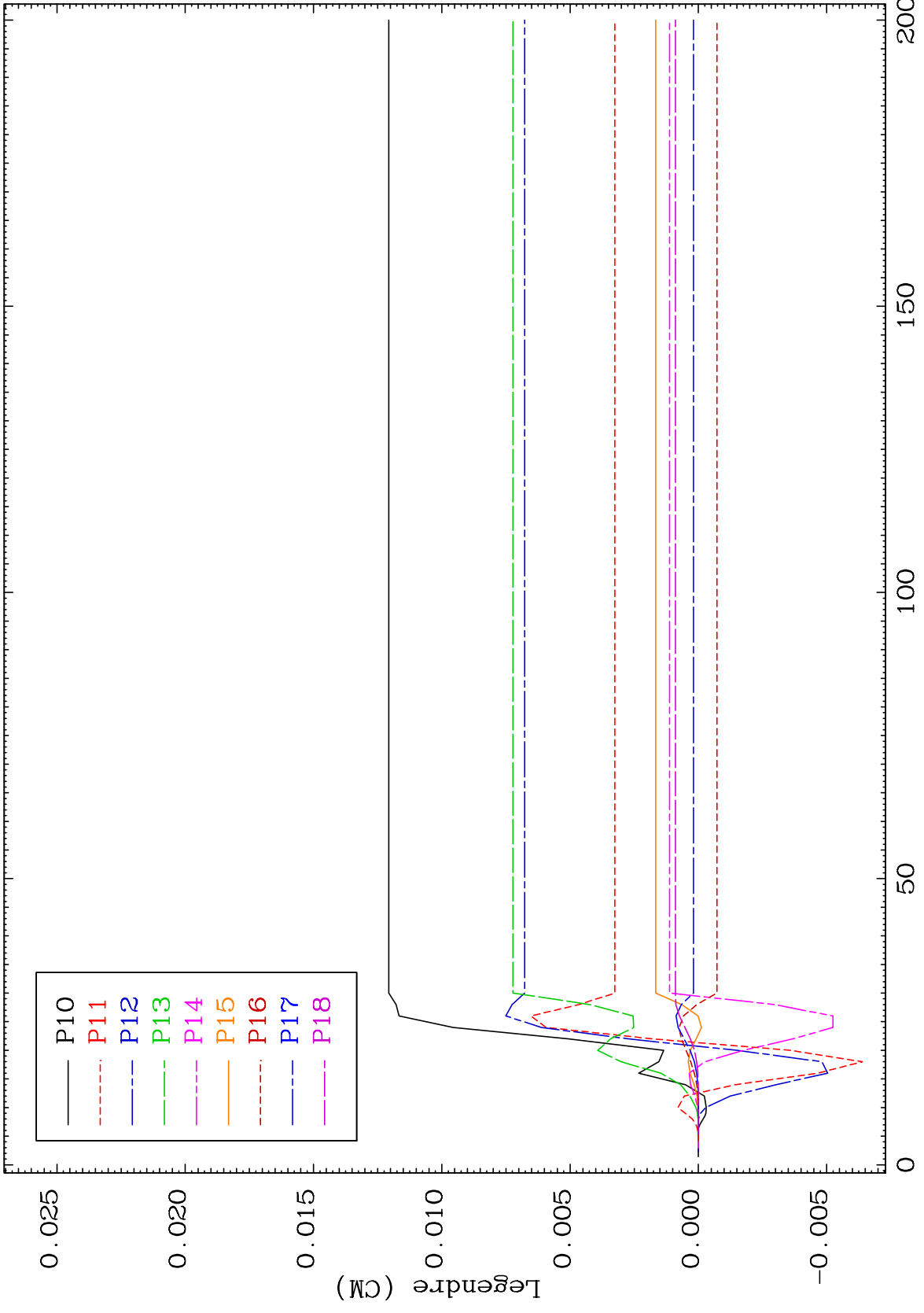
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



28

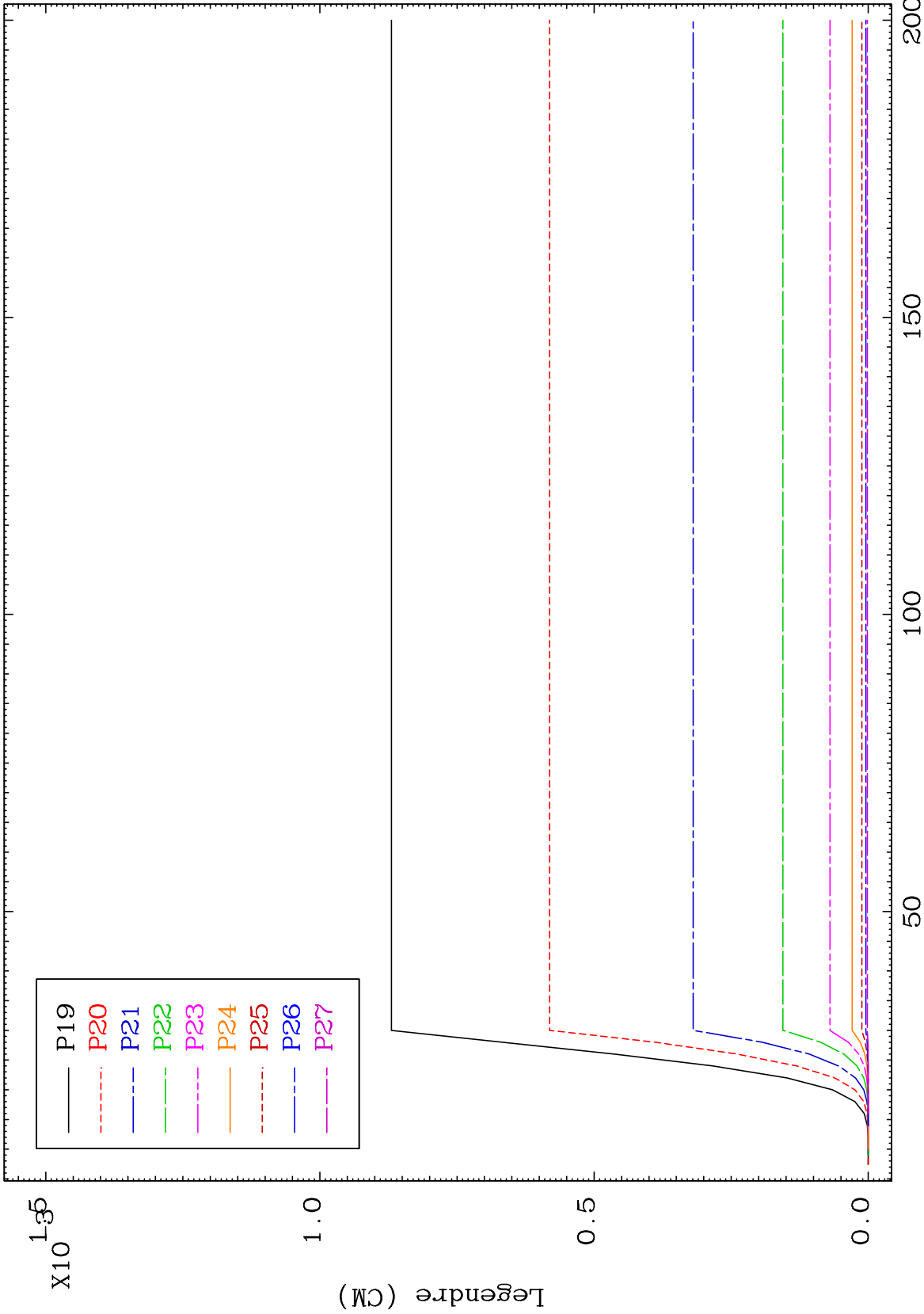
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



29

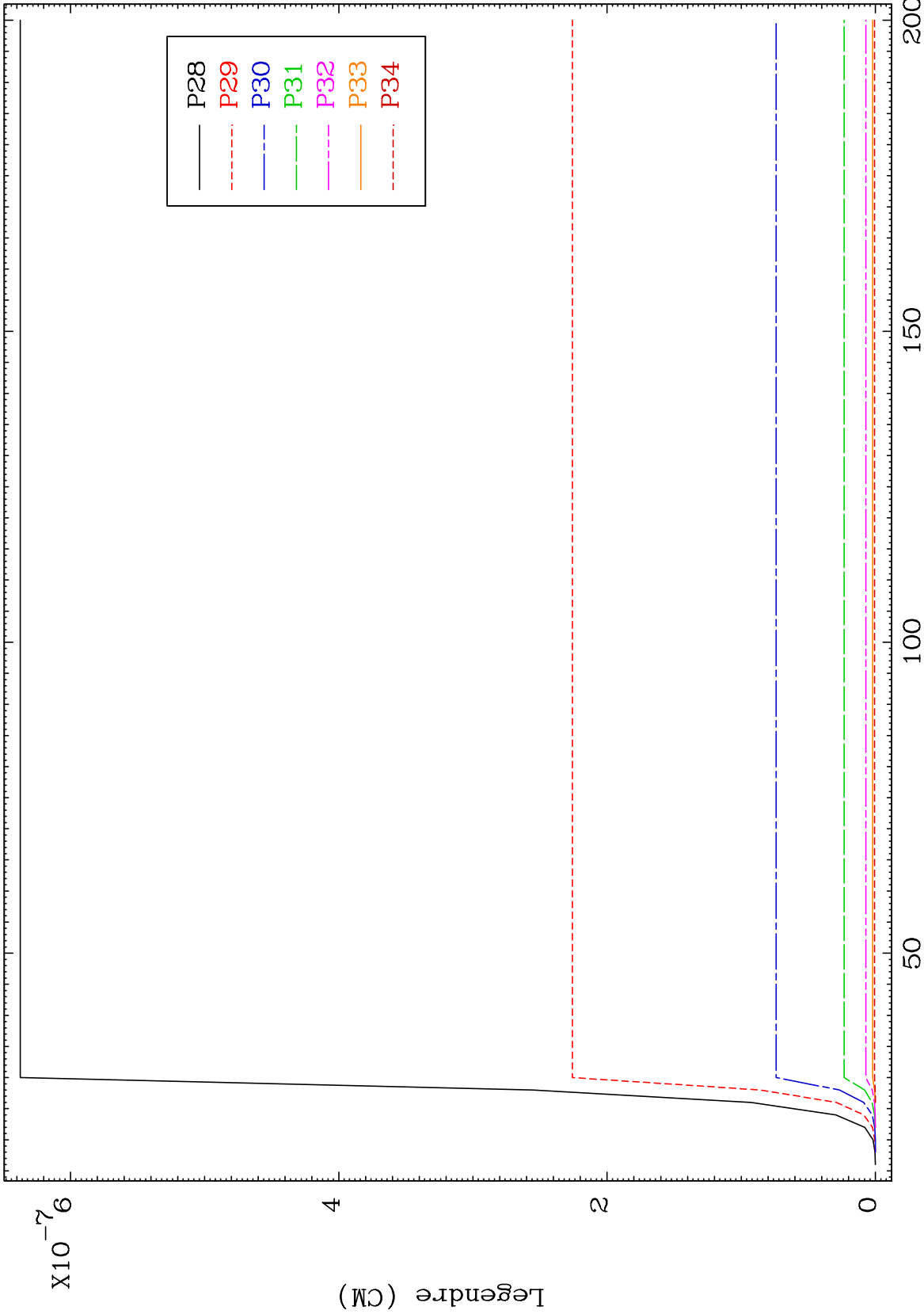
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



30

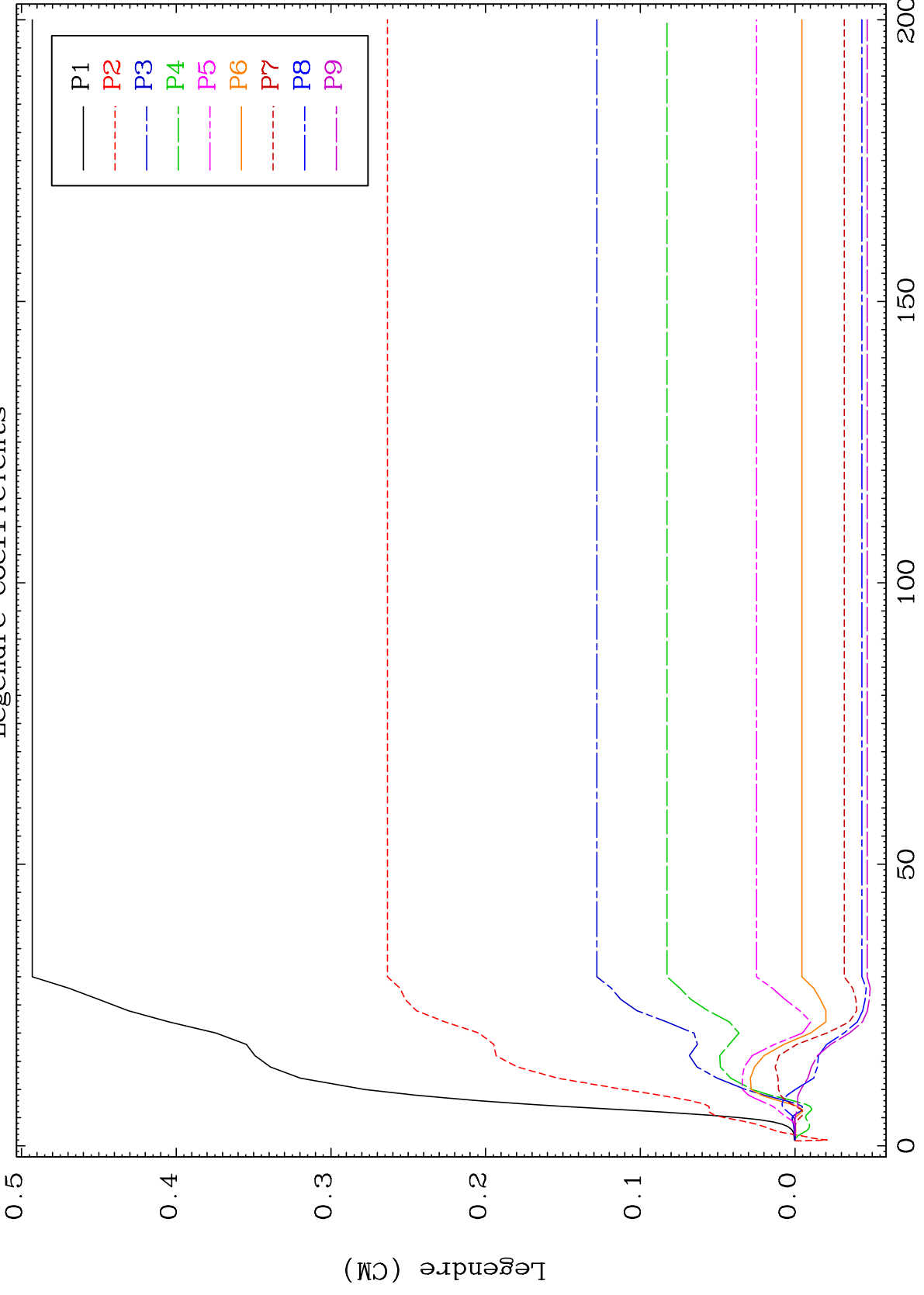
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



31

Incident Energy (MeV)

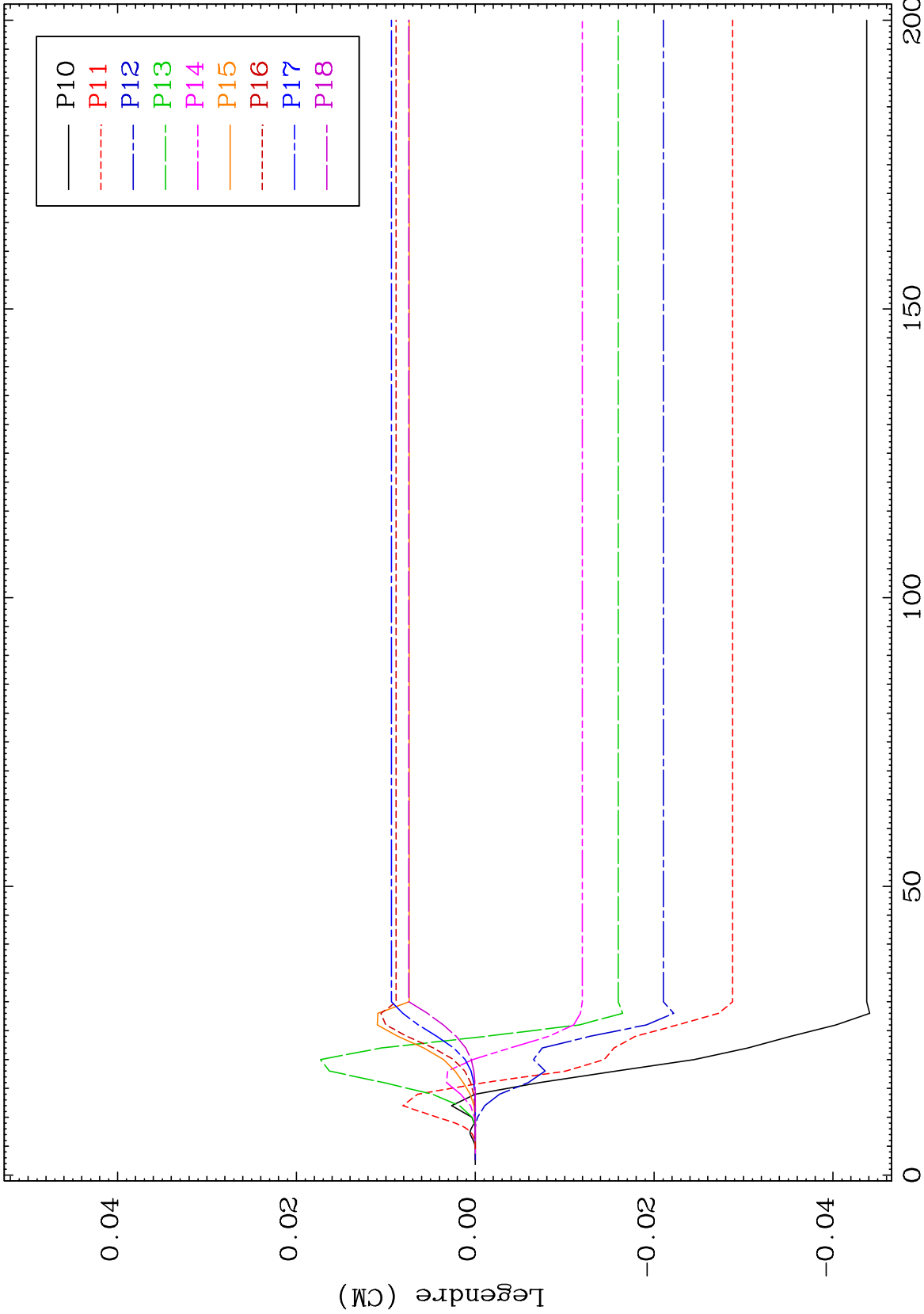
42-Mo-102



MAT 4255

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

42-Mo-102



32

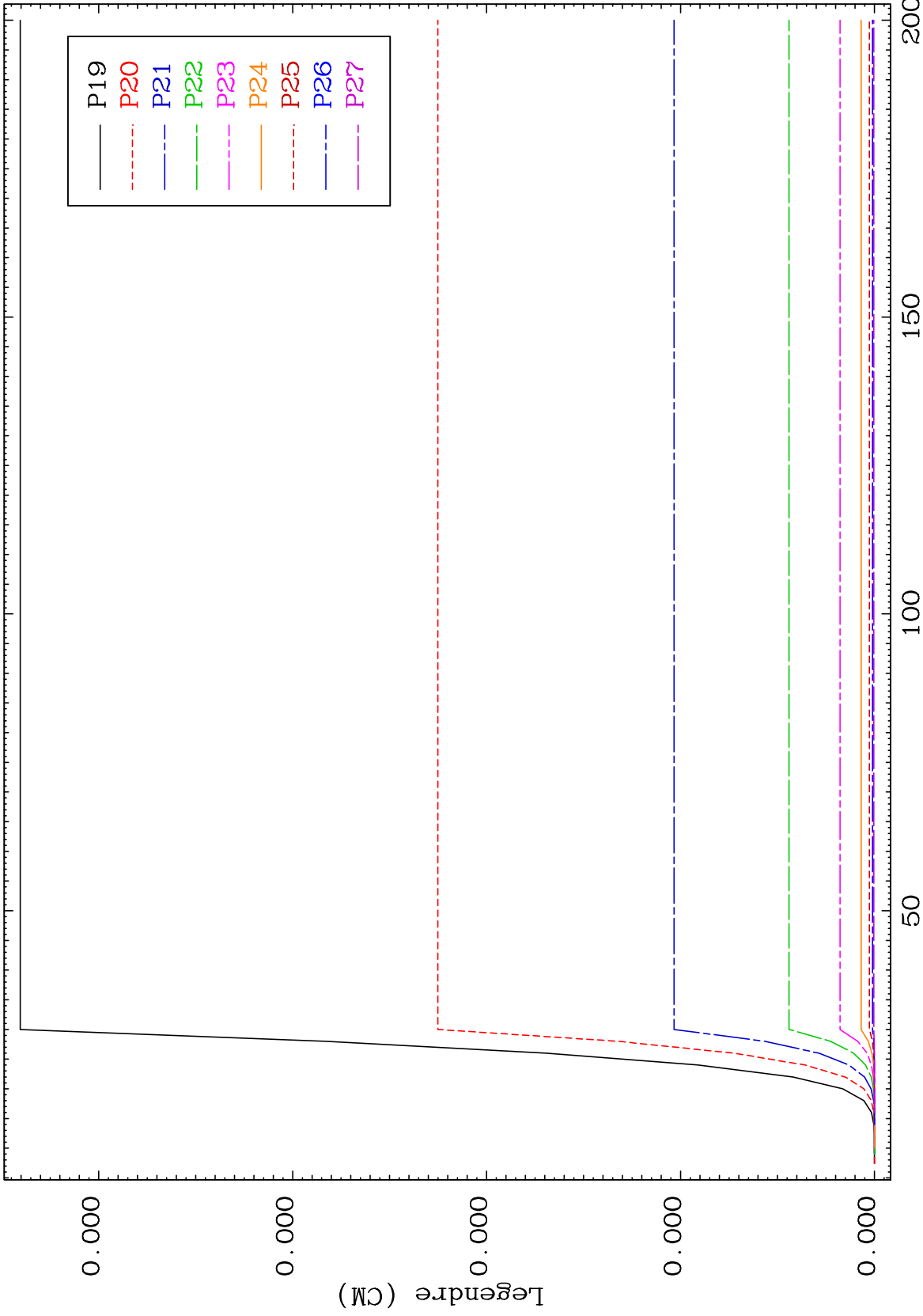
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



33

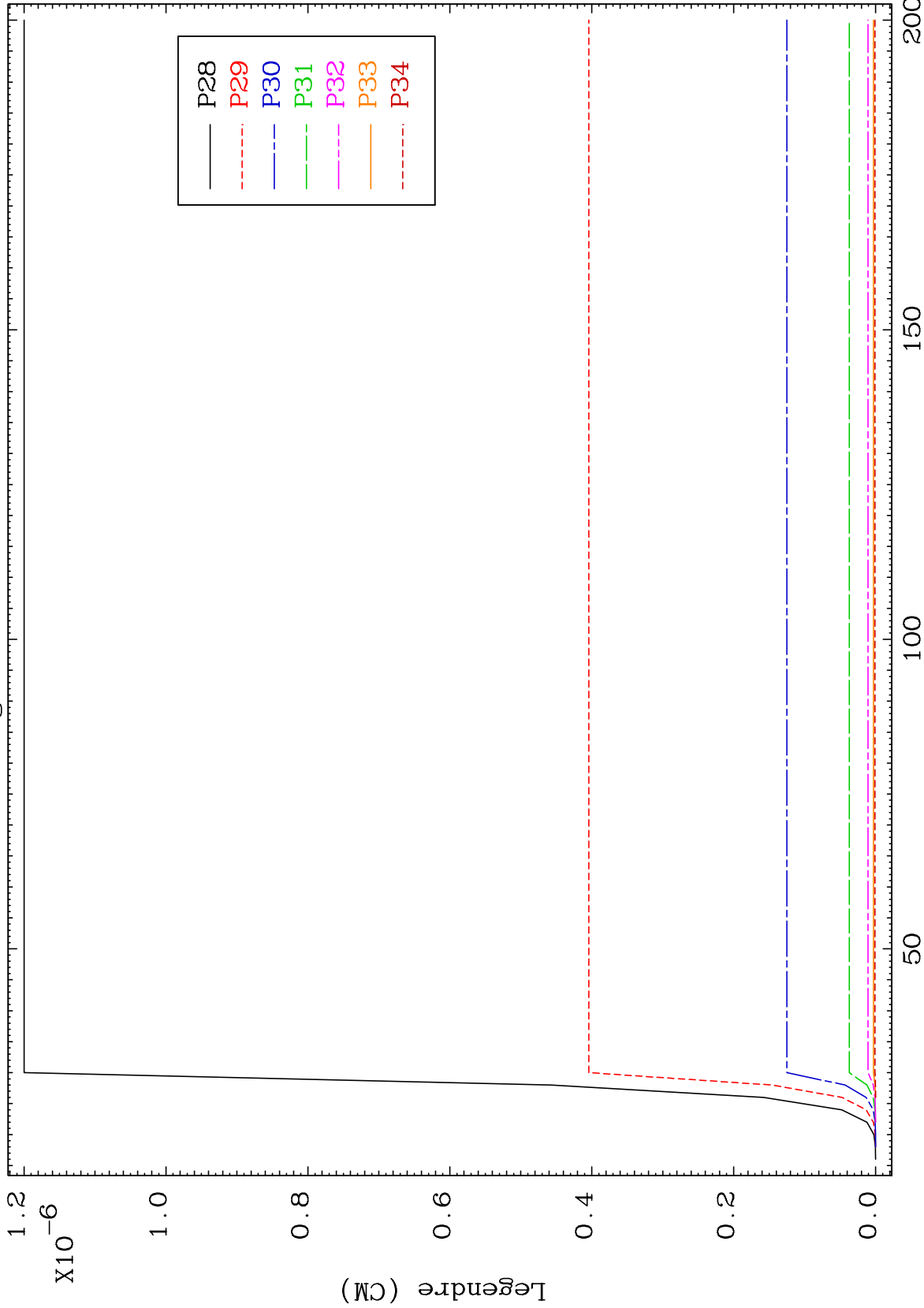
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102

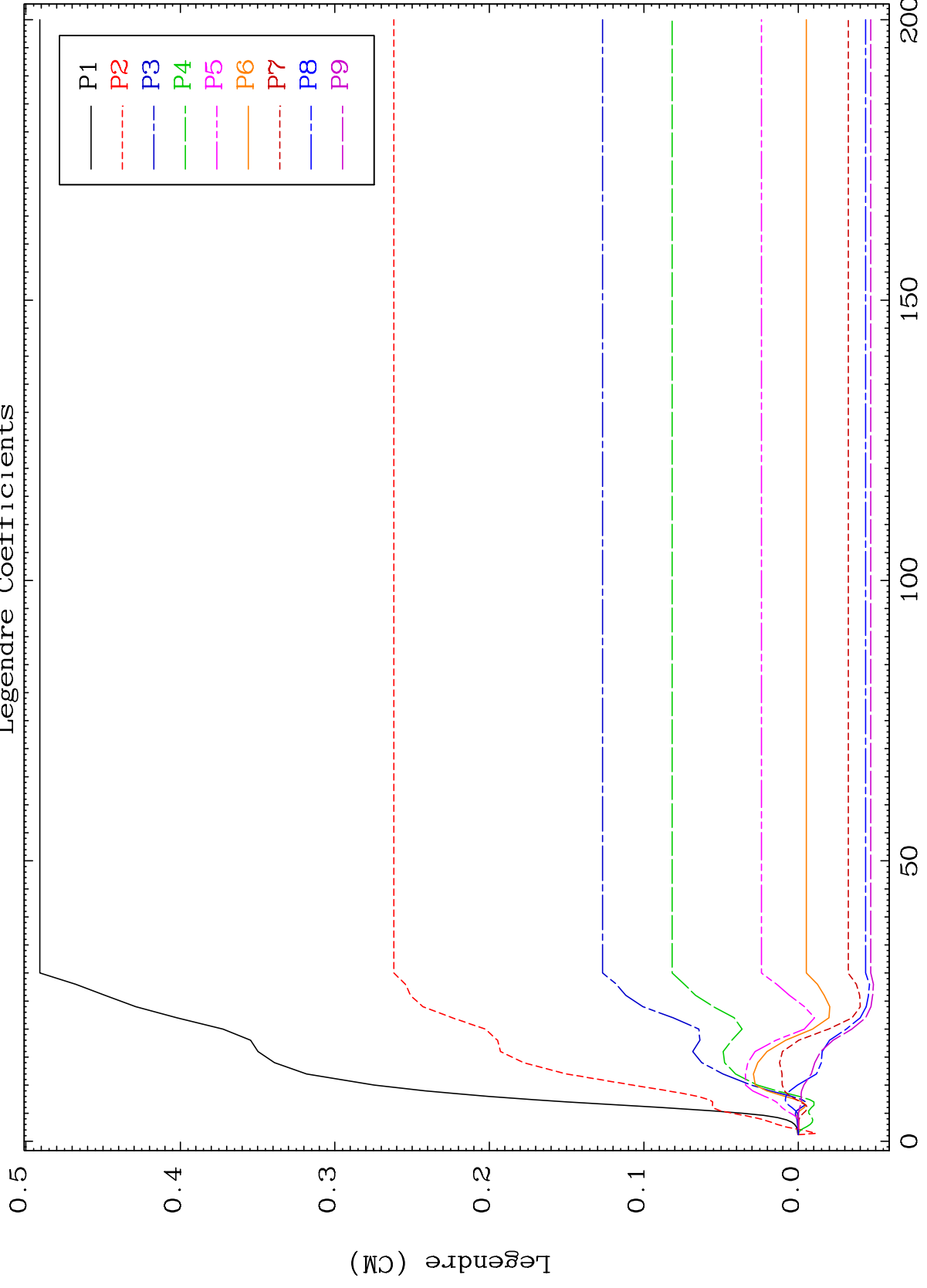


34

Incident Energy (MeV)

42-Mo-102

MAT 4255 MT= 55 (n,n') Level Legendre Coefficients 42-Mo-102

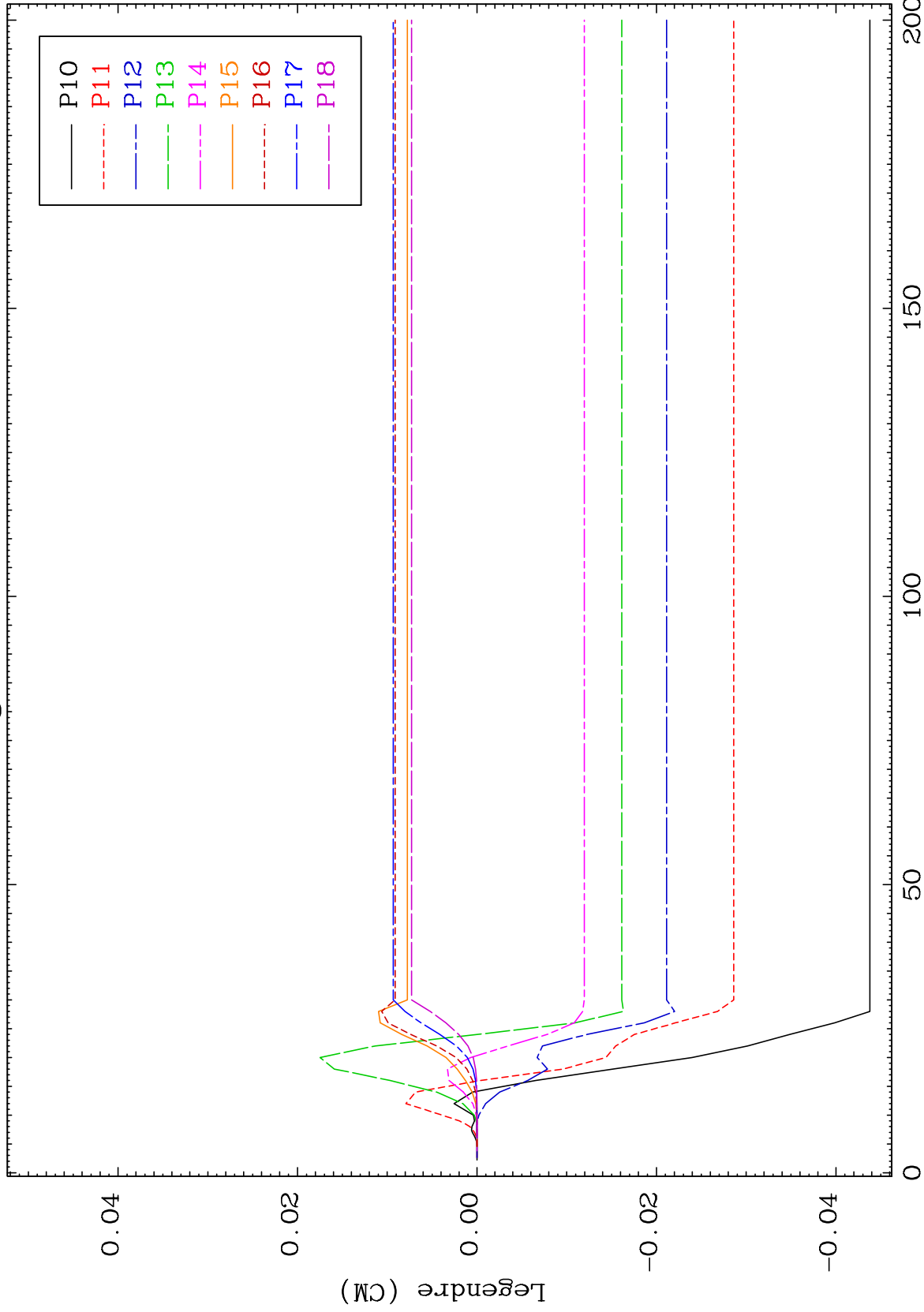


35 Incident Energy (MeV) 42-Mo-102

MAT 4255

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

42-Mo-102



36

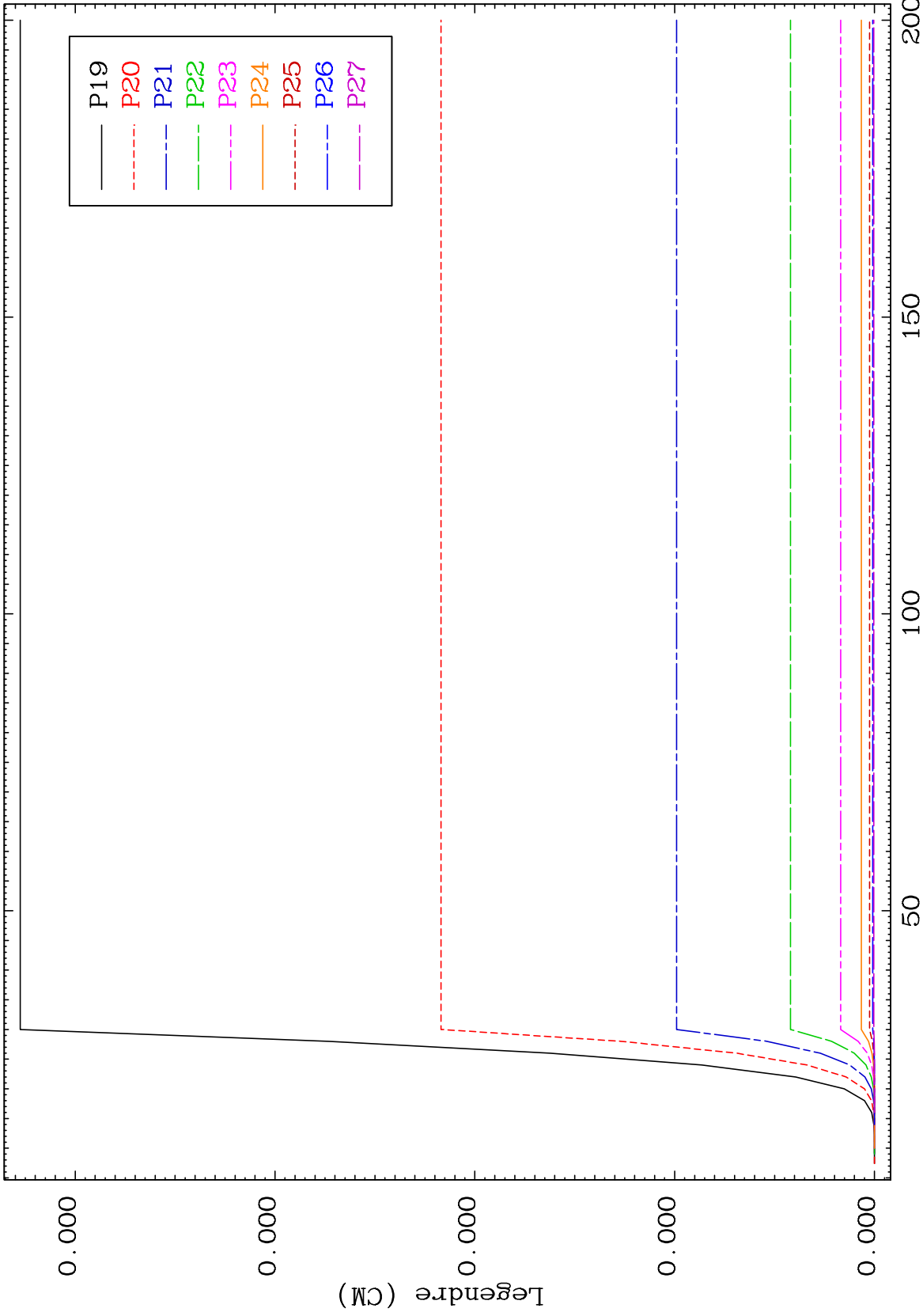
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



37

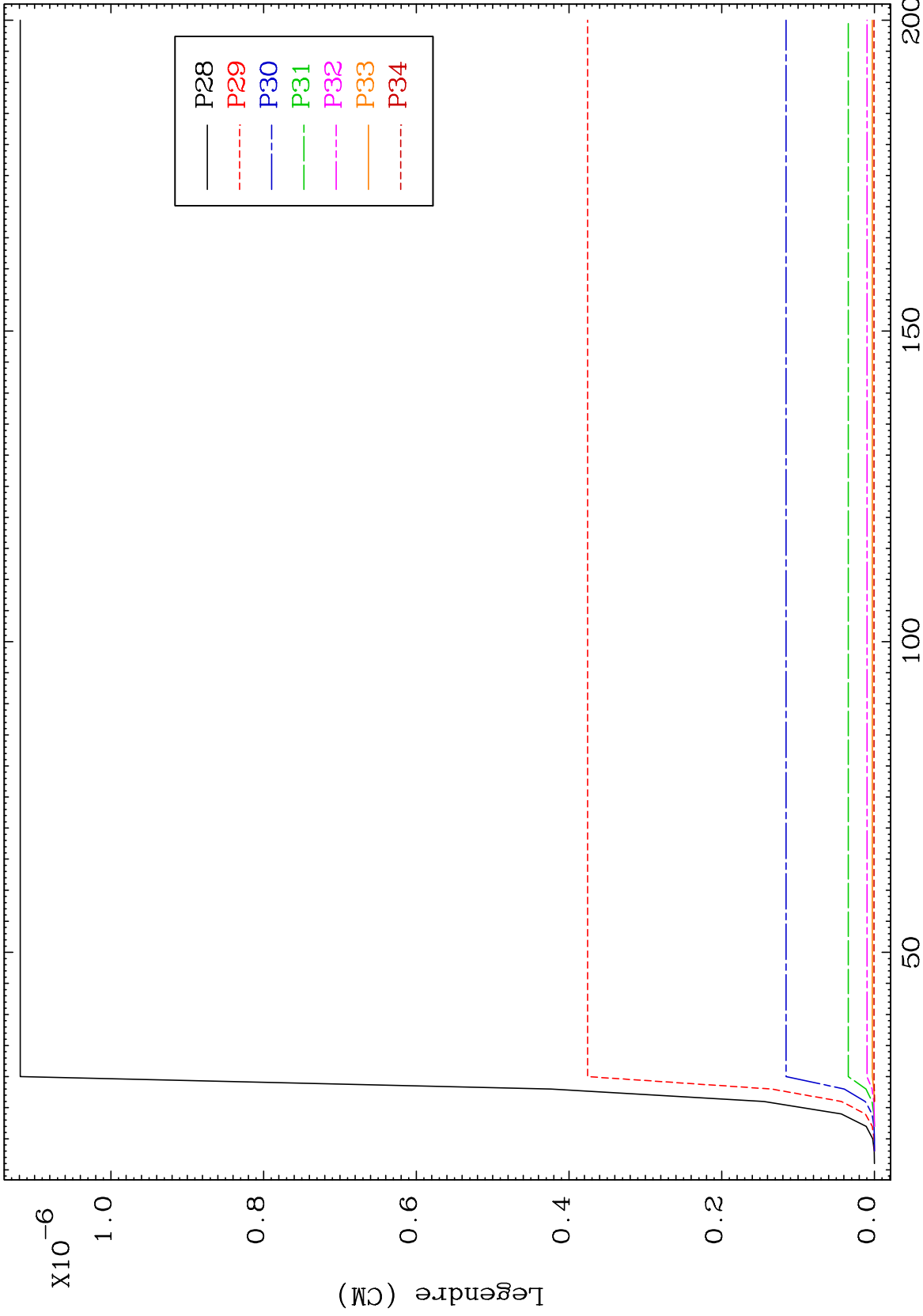
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



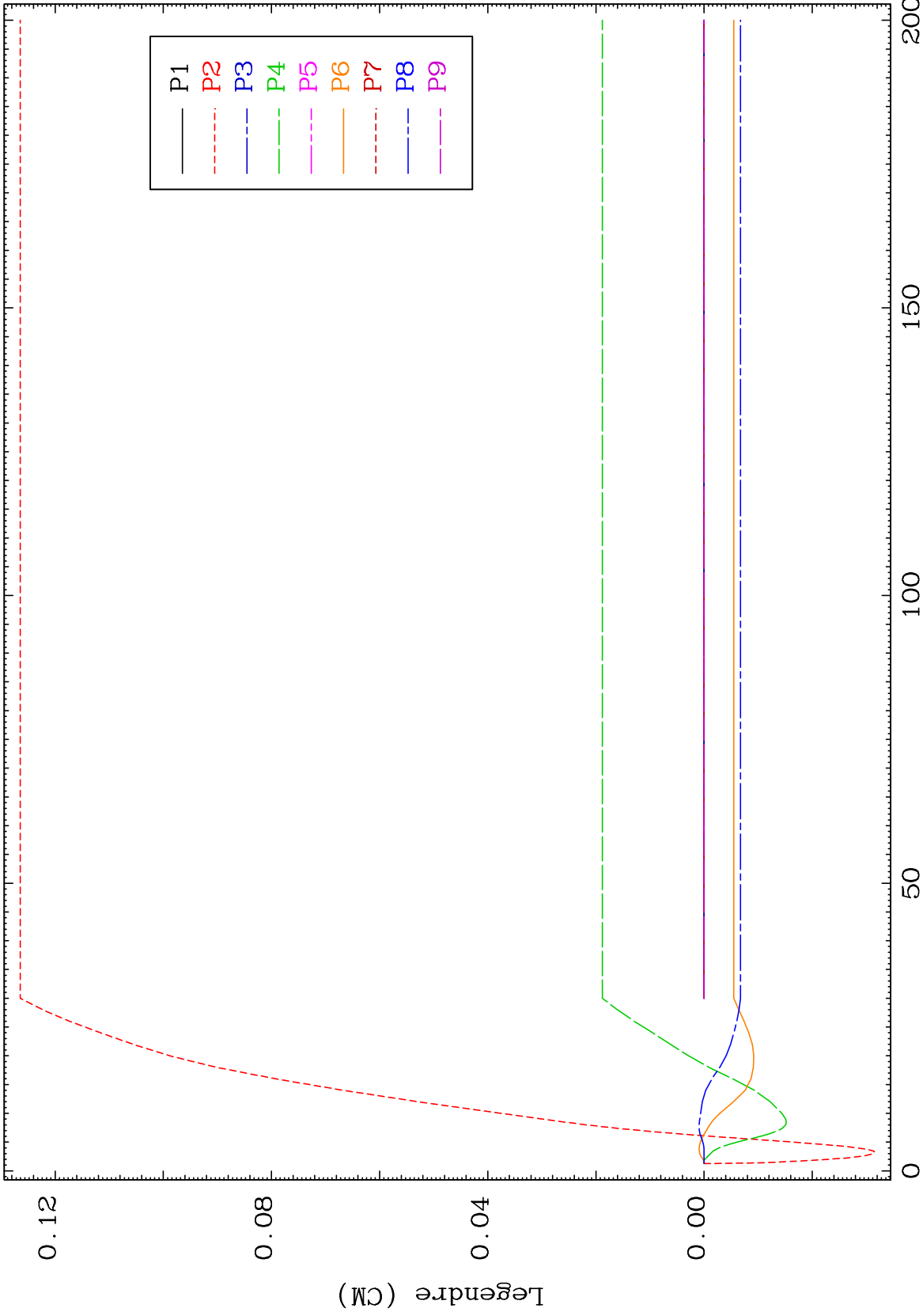
38

42-Mo-102

MAT 4255

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

42-Mo-102



39

Incident Energy (MeV)

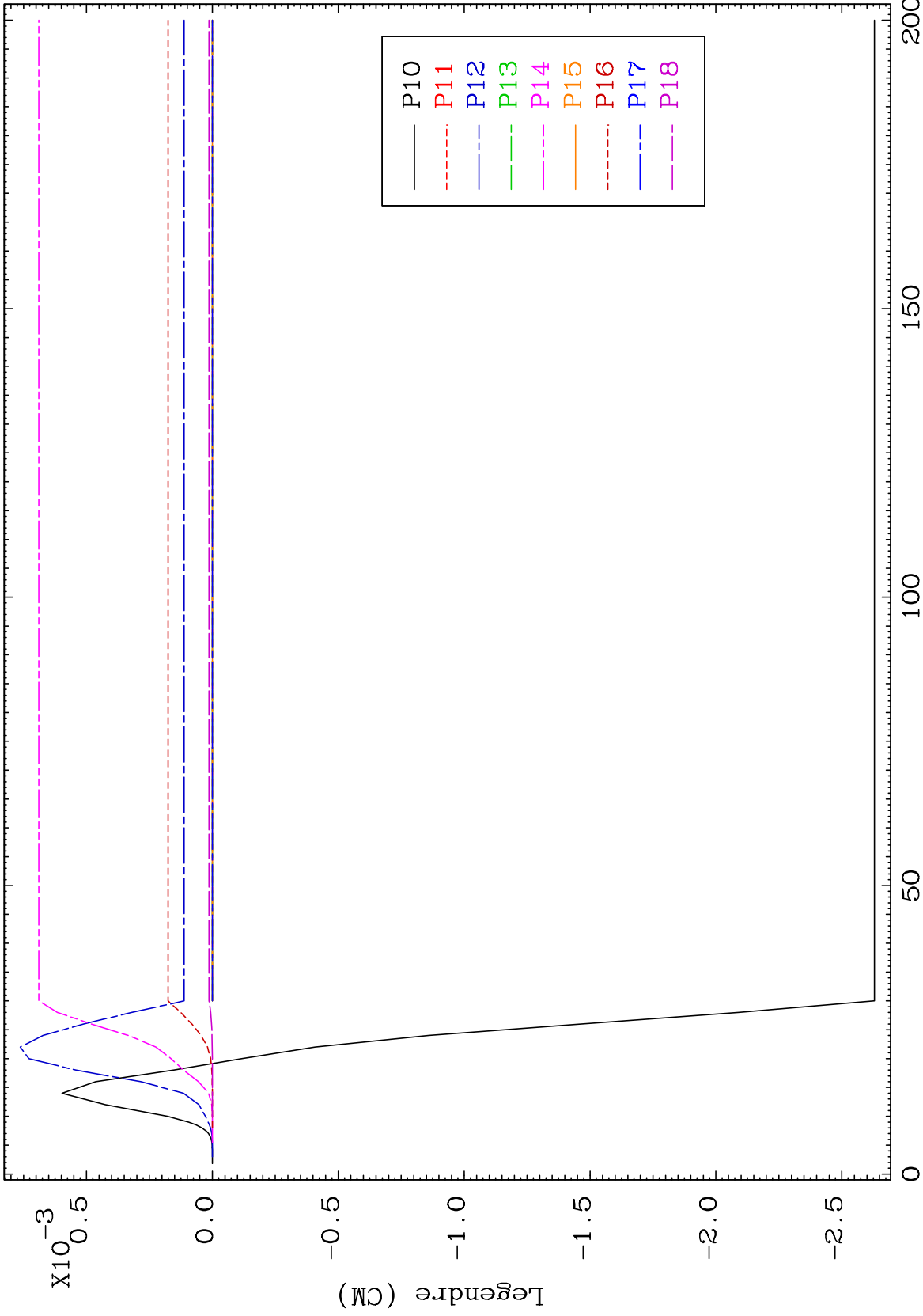
42-Mo-102



MAT 4255

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

42-Mo-102



40

Incident Energy (MeV)

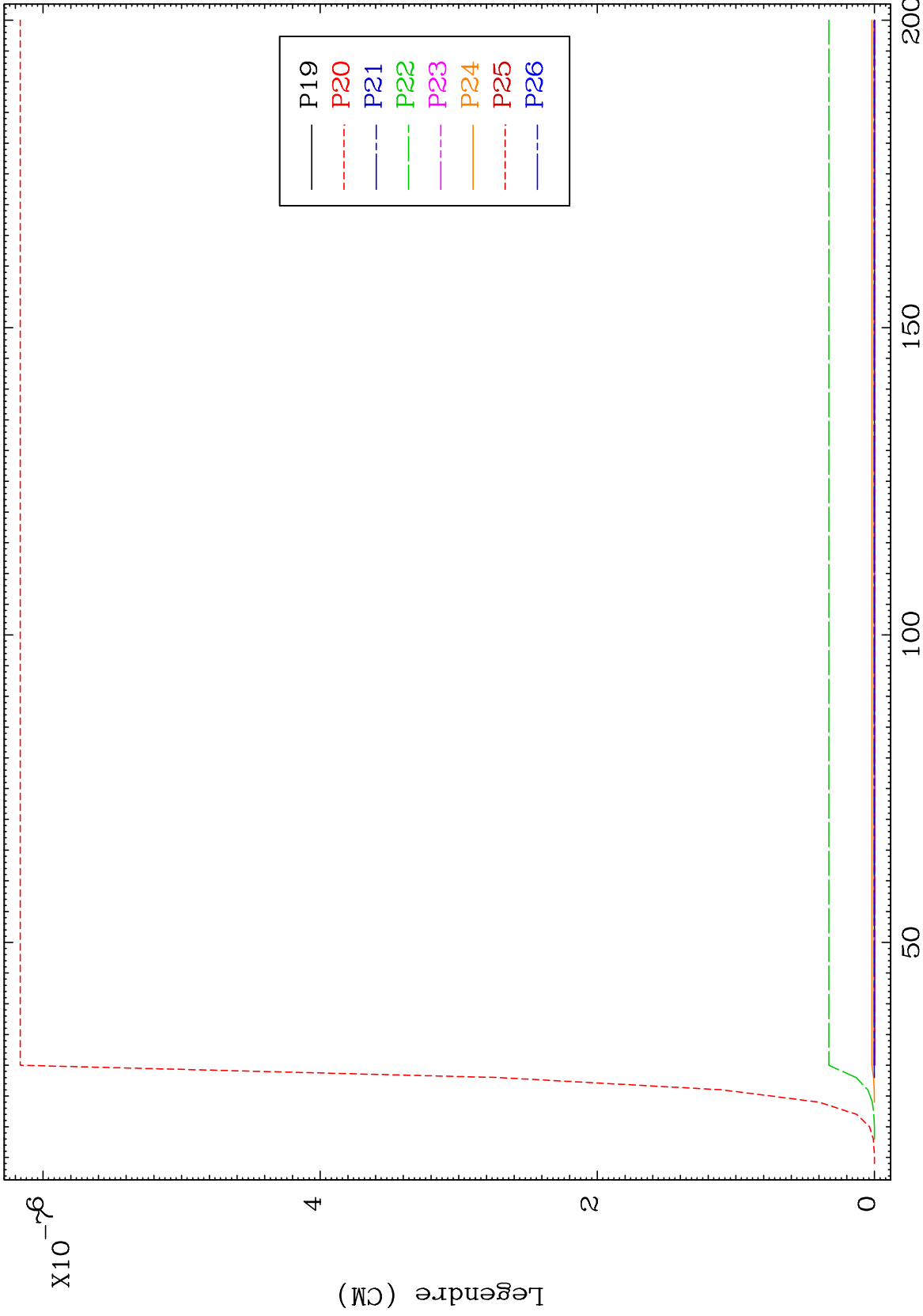
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42-Mo-102

MAT 4255

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

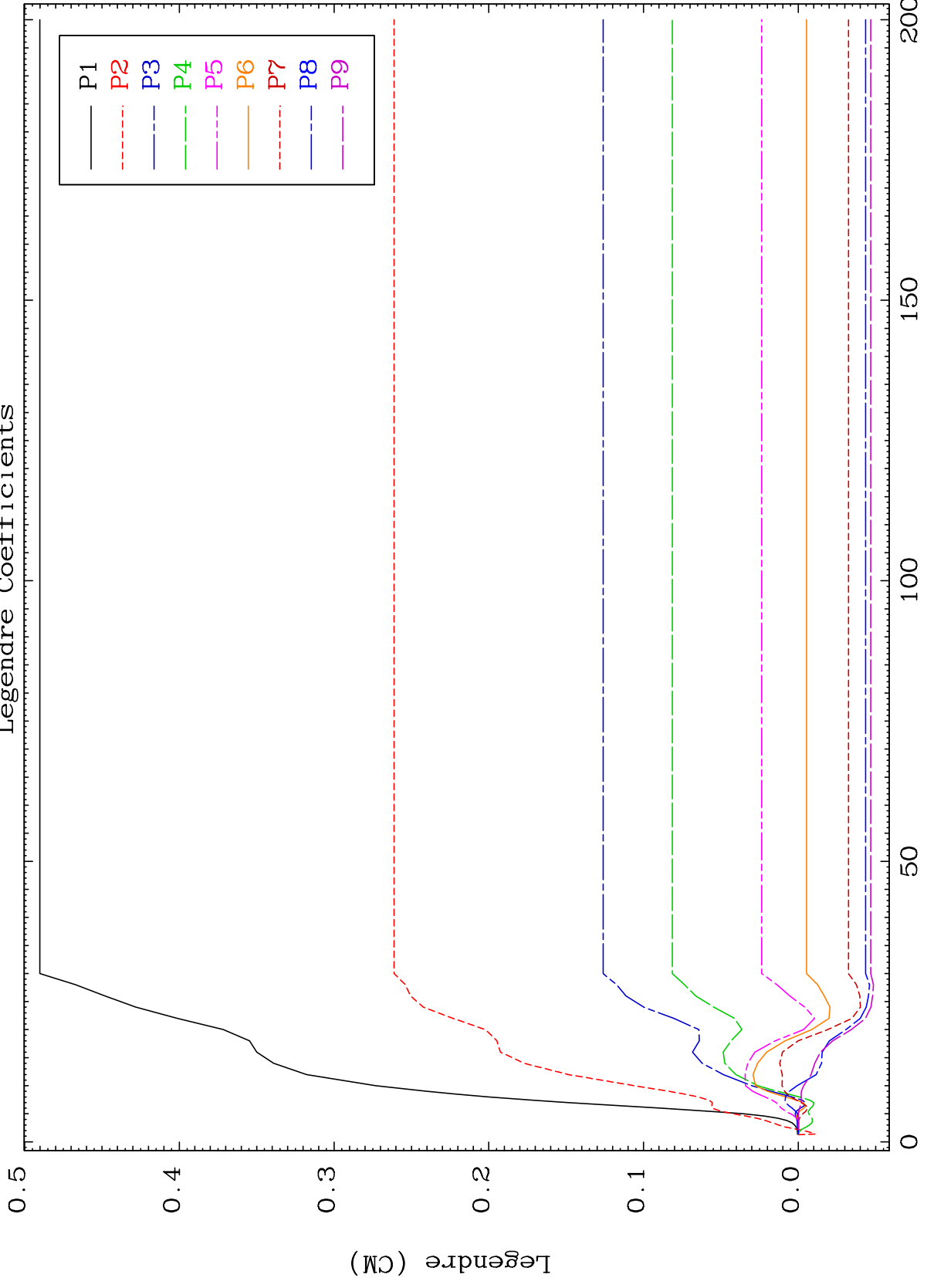
42-Mo-102



41

42-Mo-102

MAT 4255 MT= 57 (n,n') Level Legendre Coefficients 42-Mo-102

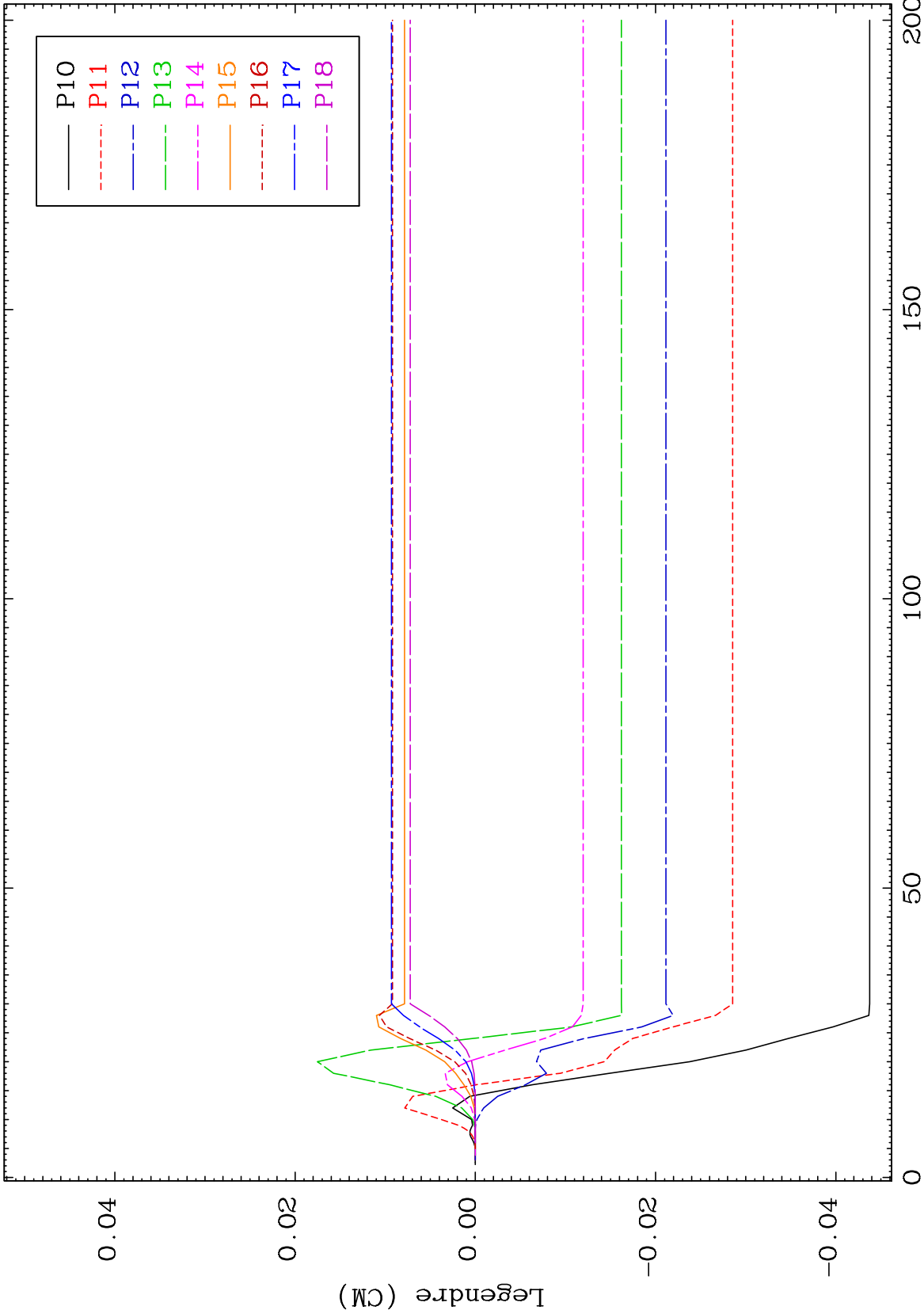


42

MAT 4255

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

42-Mo-102



43

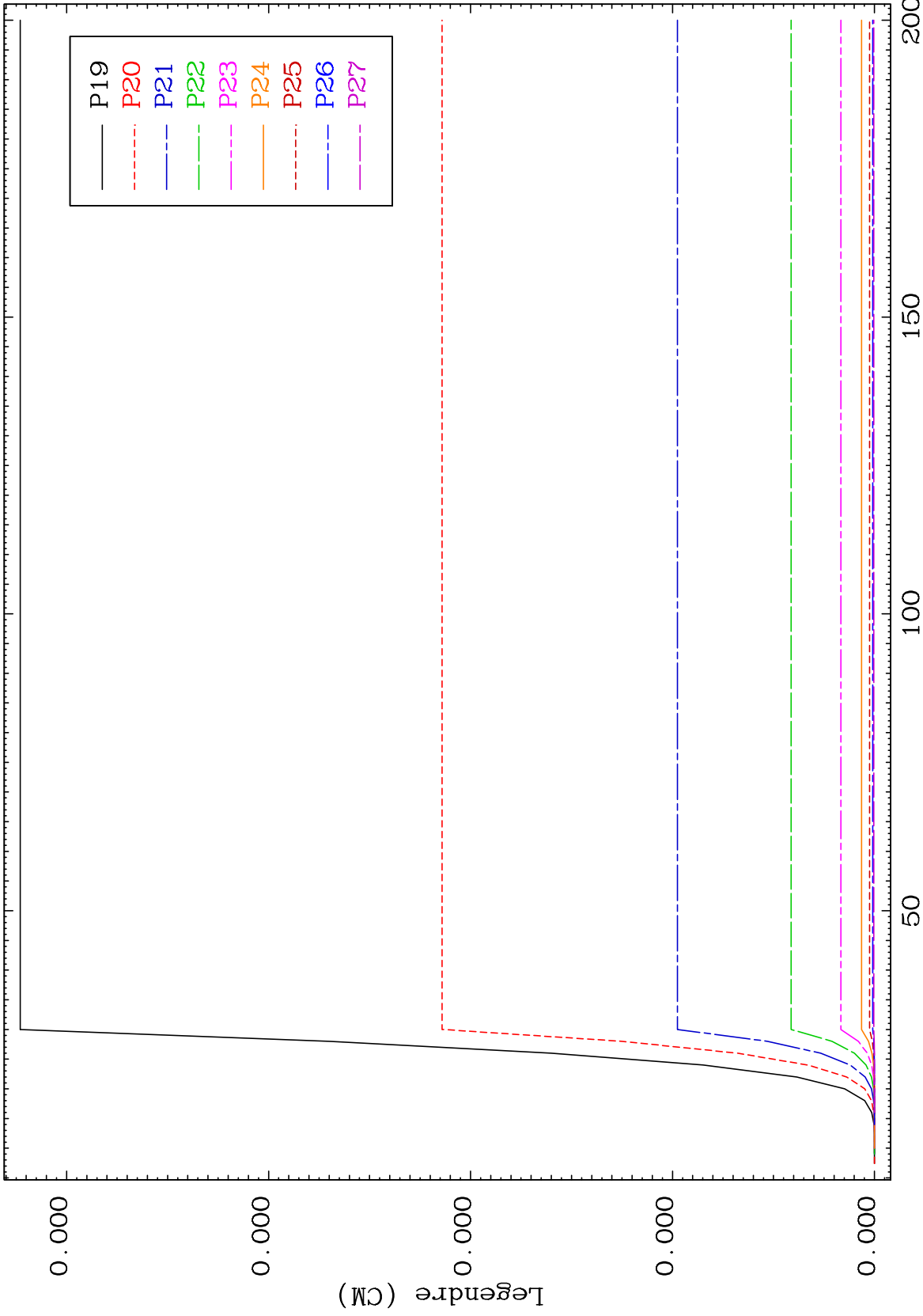
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



44

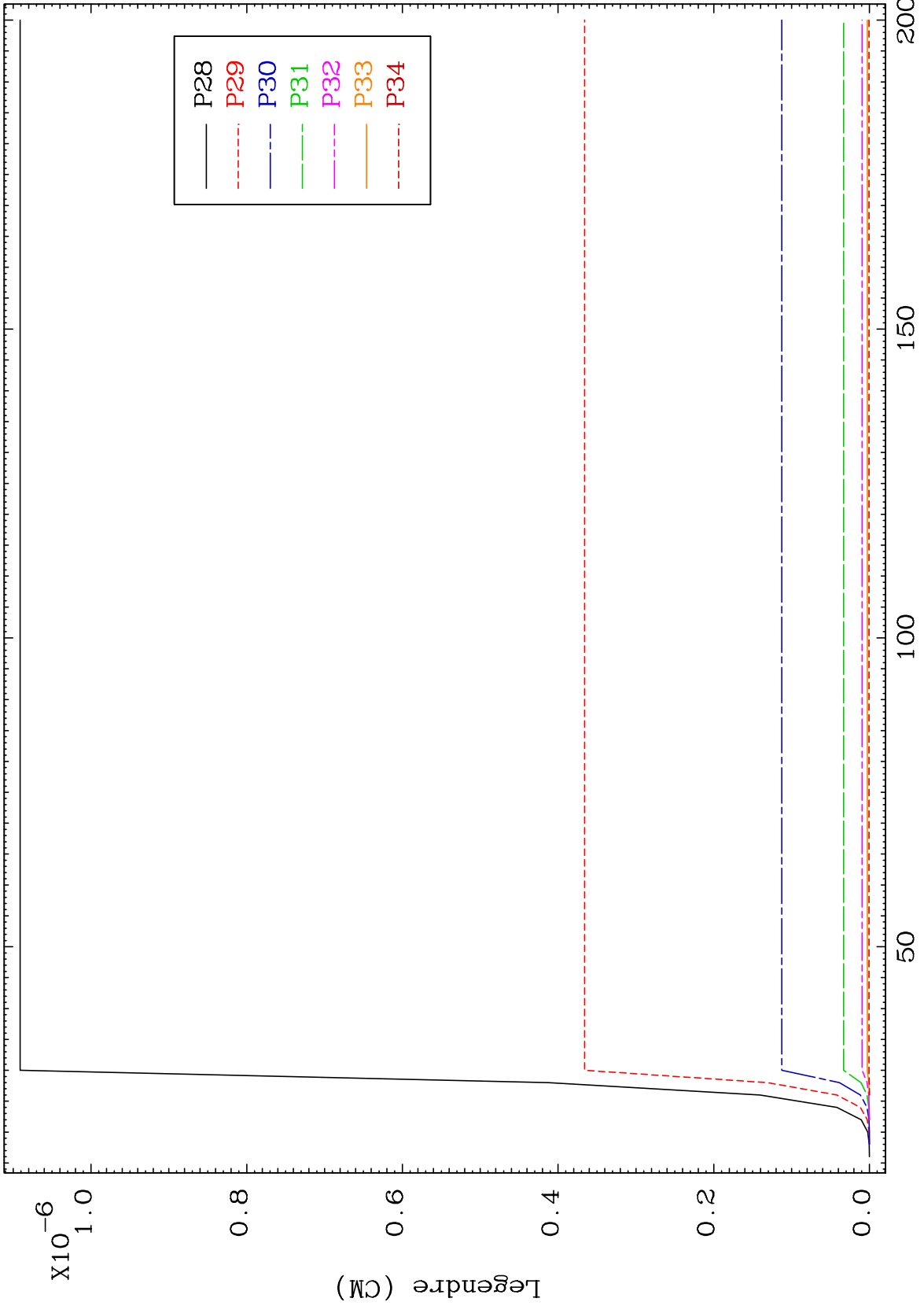
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



45

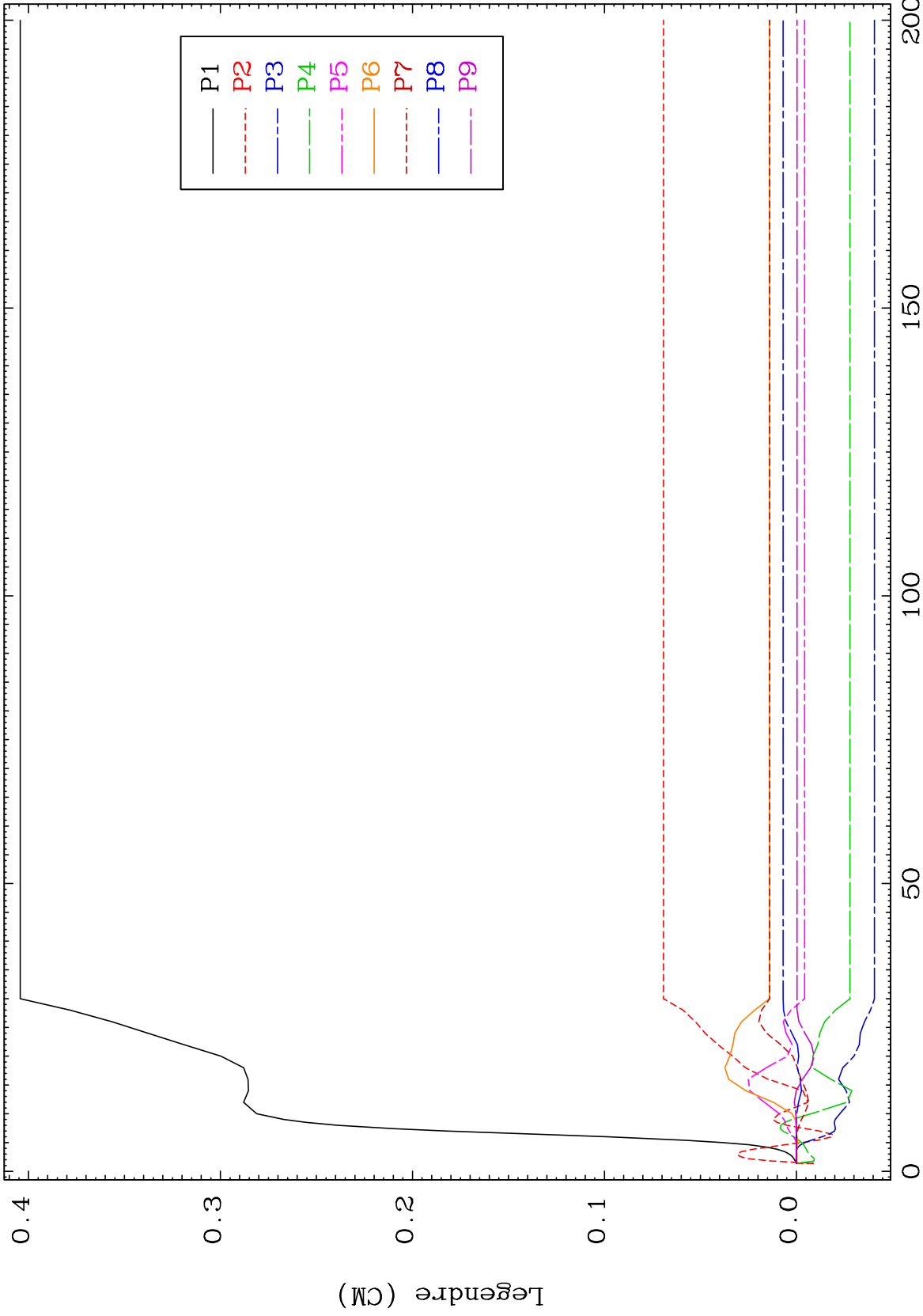
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



46

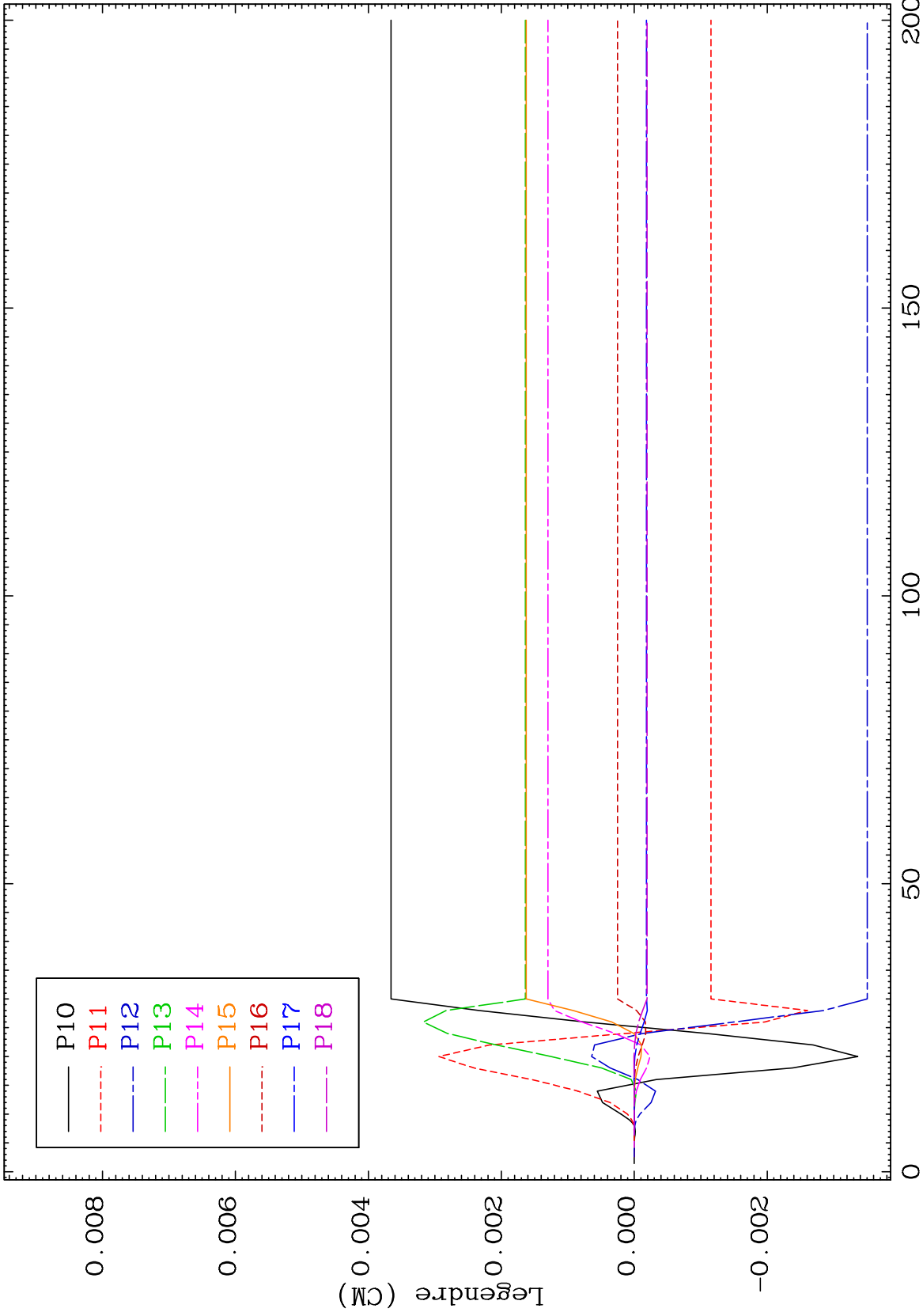
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



47

Incident Energy (MeV)

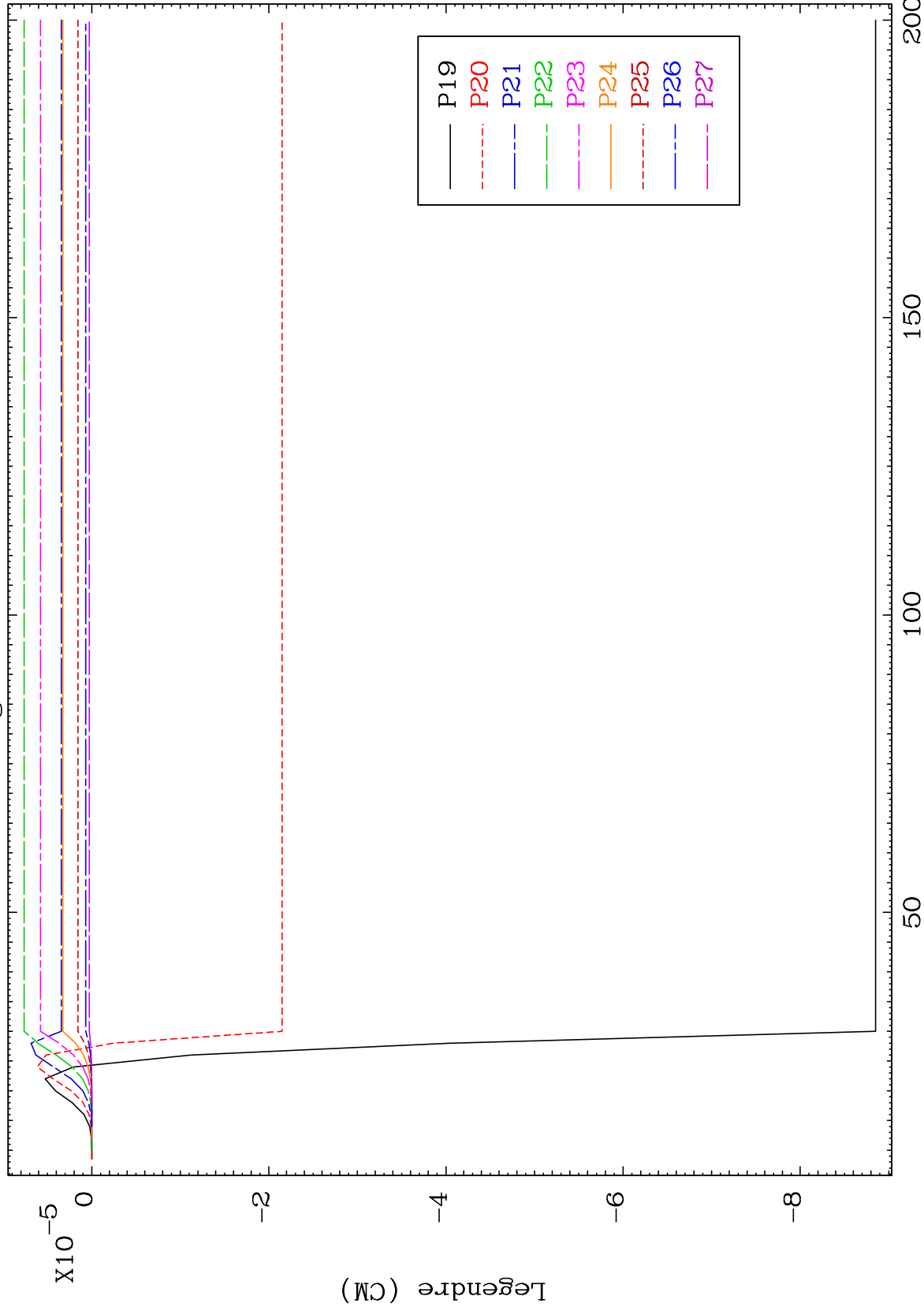
42-Mo-102



MAT 4255

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

42-Mo-102



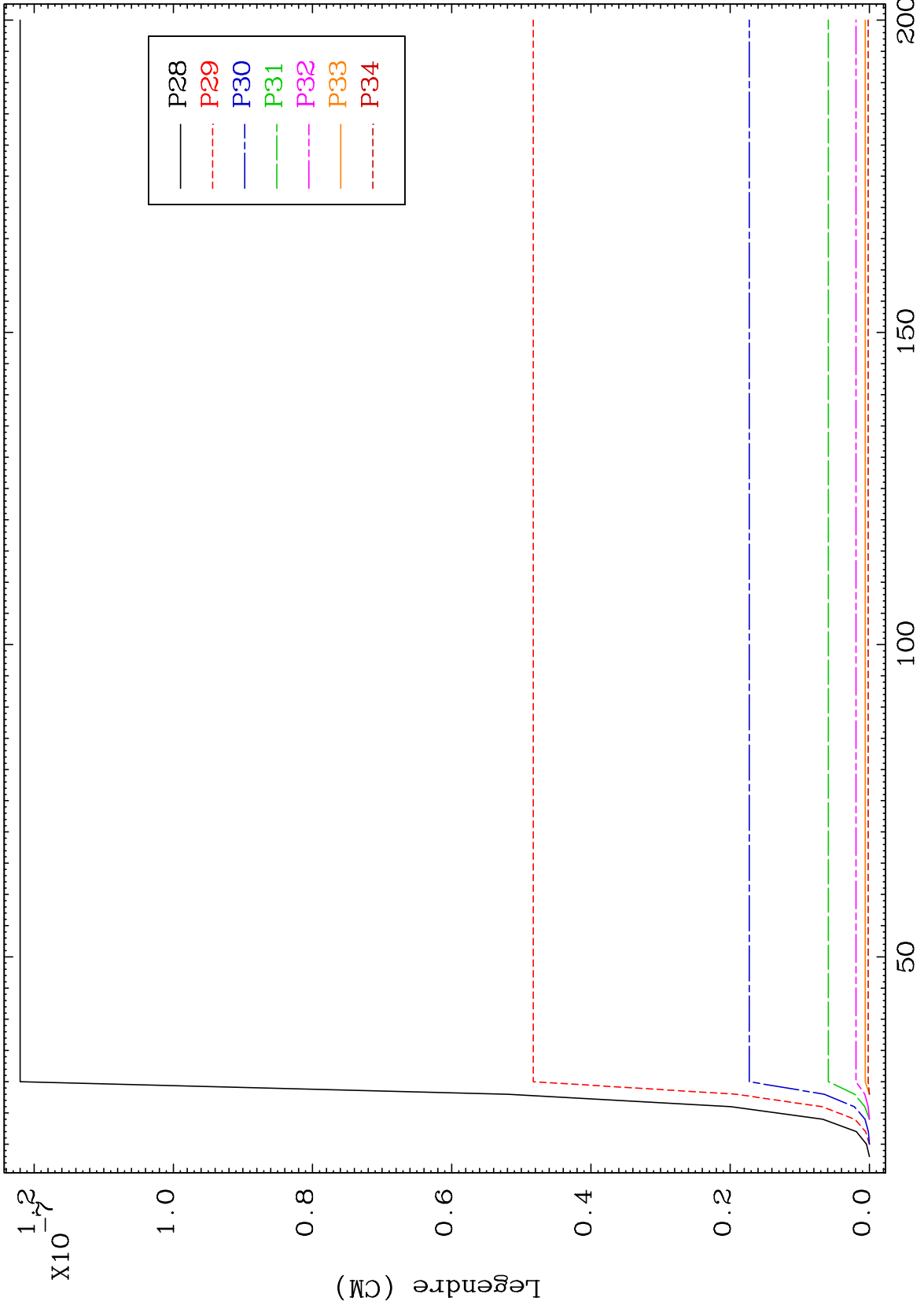
48

42-Mo-102

MAT 4255

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

42-Mo-102



49

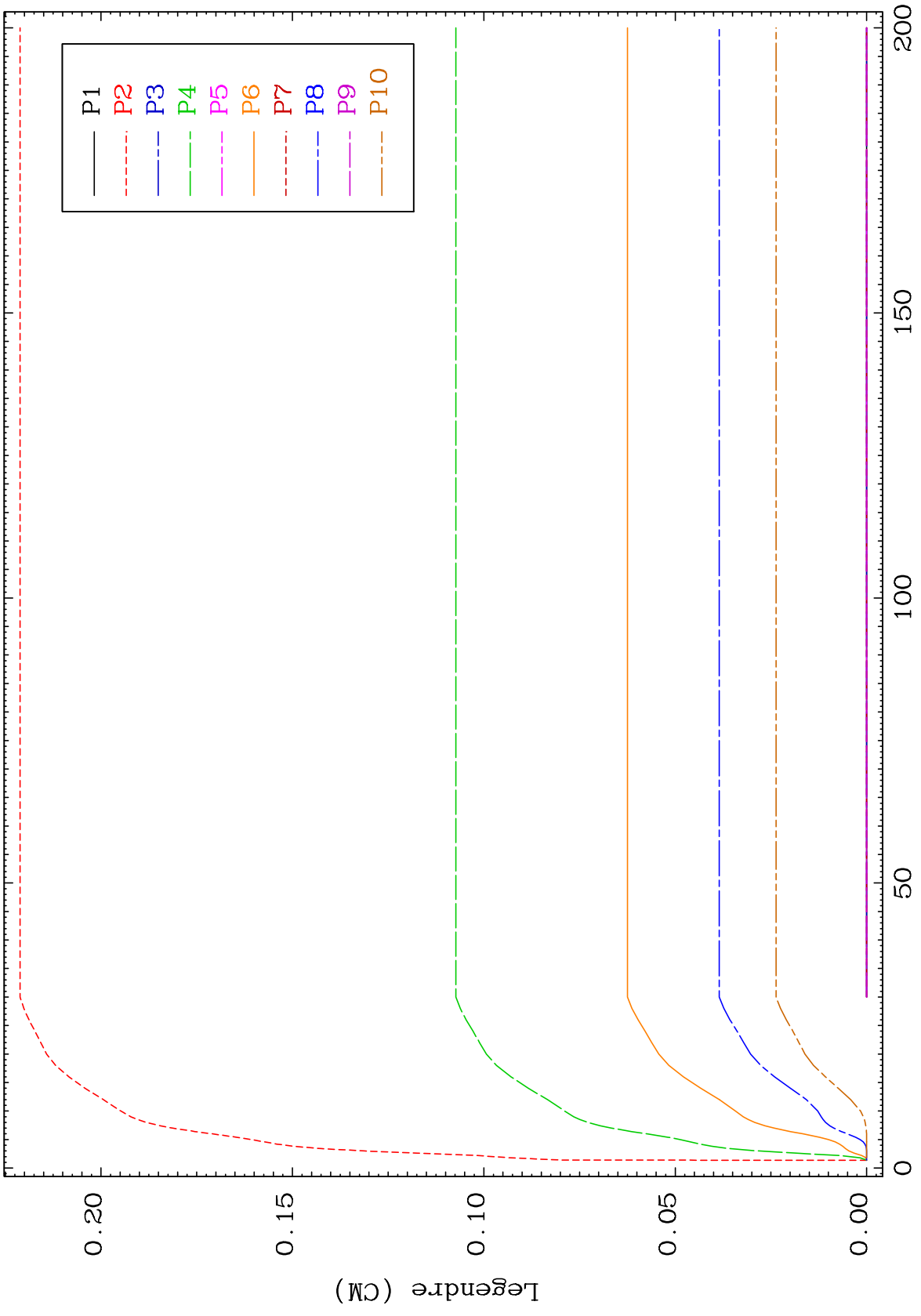
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



50

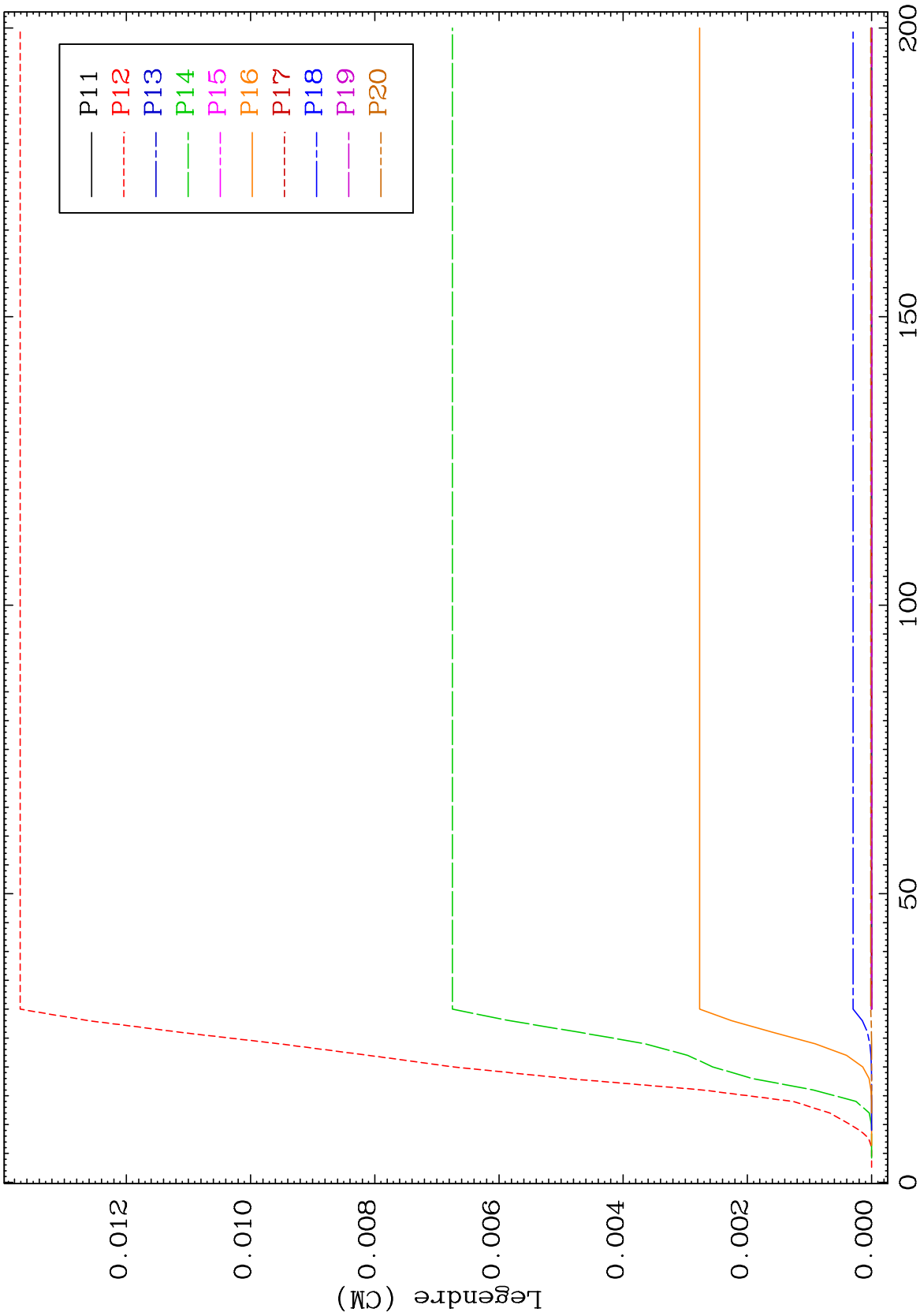
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



51

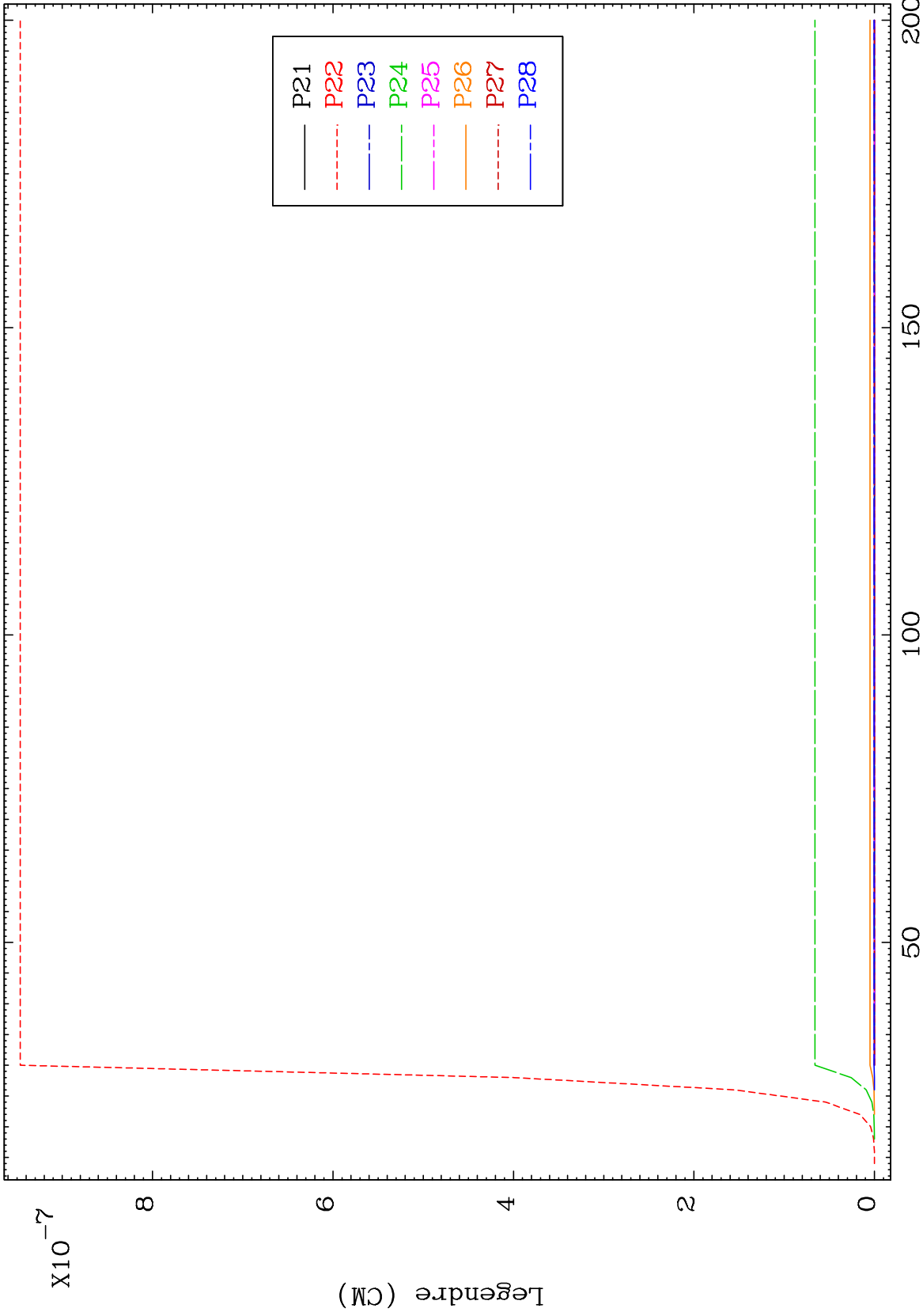
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



52

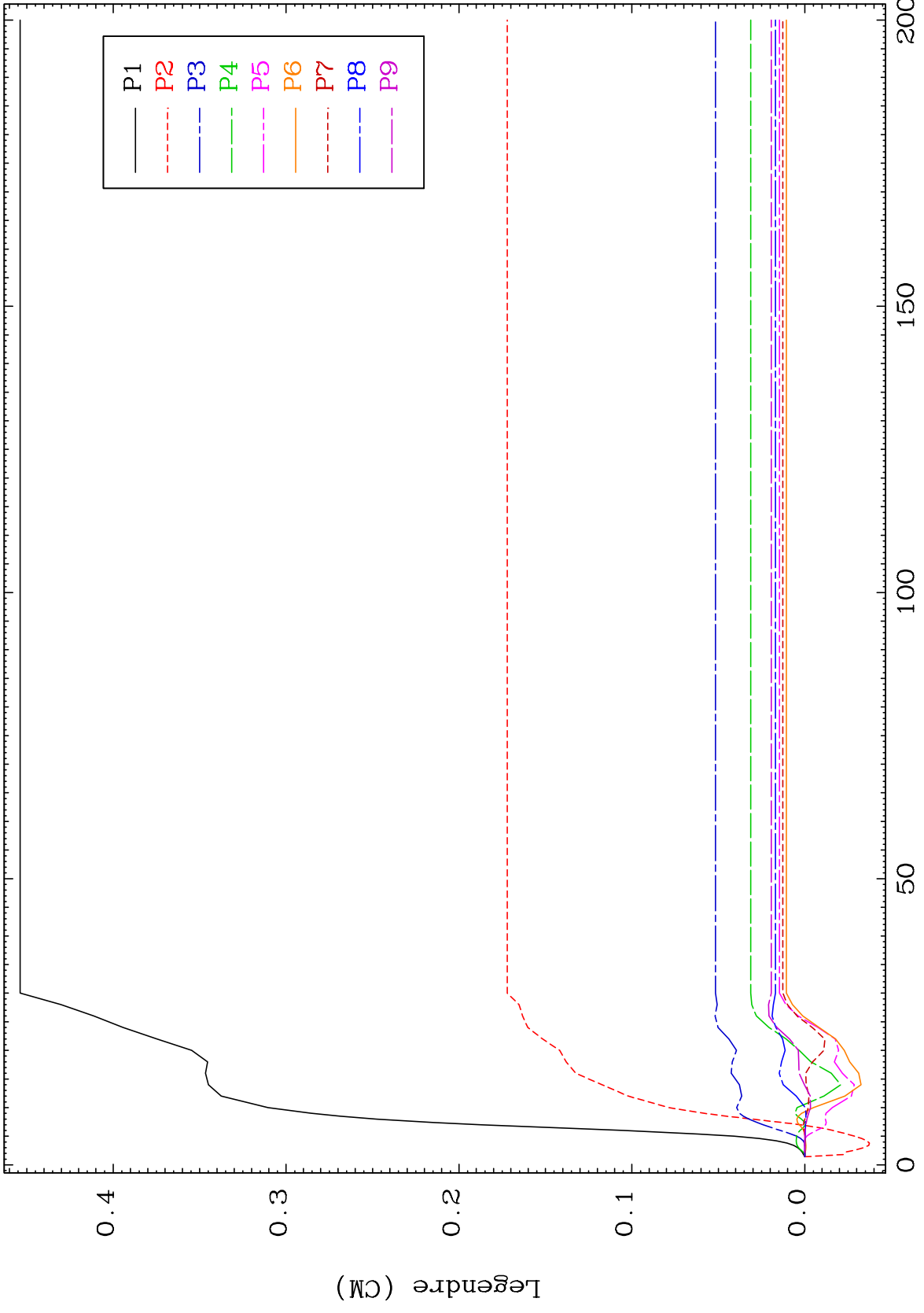
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



53

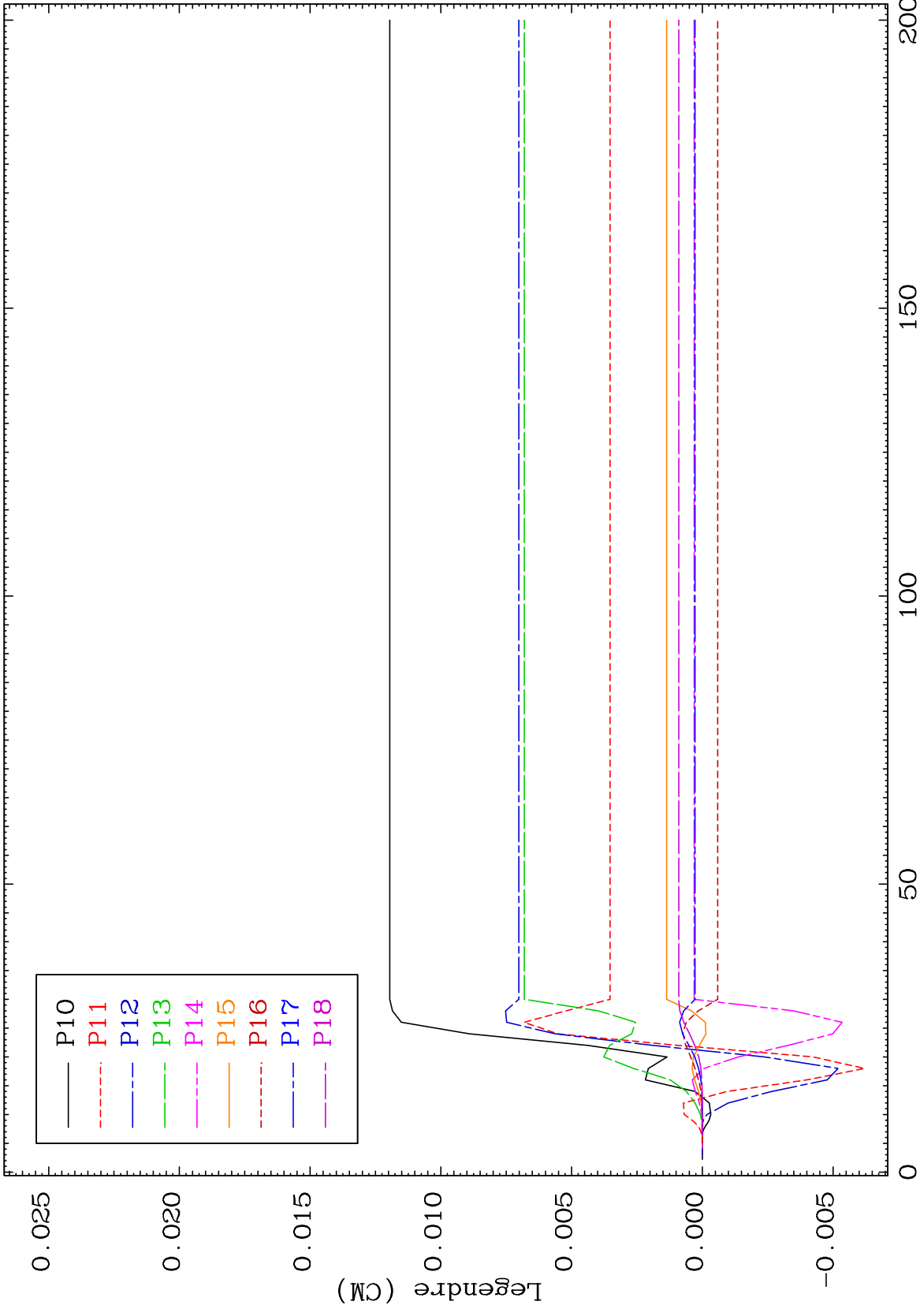
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



54

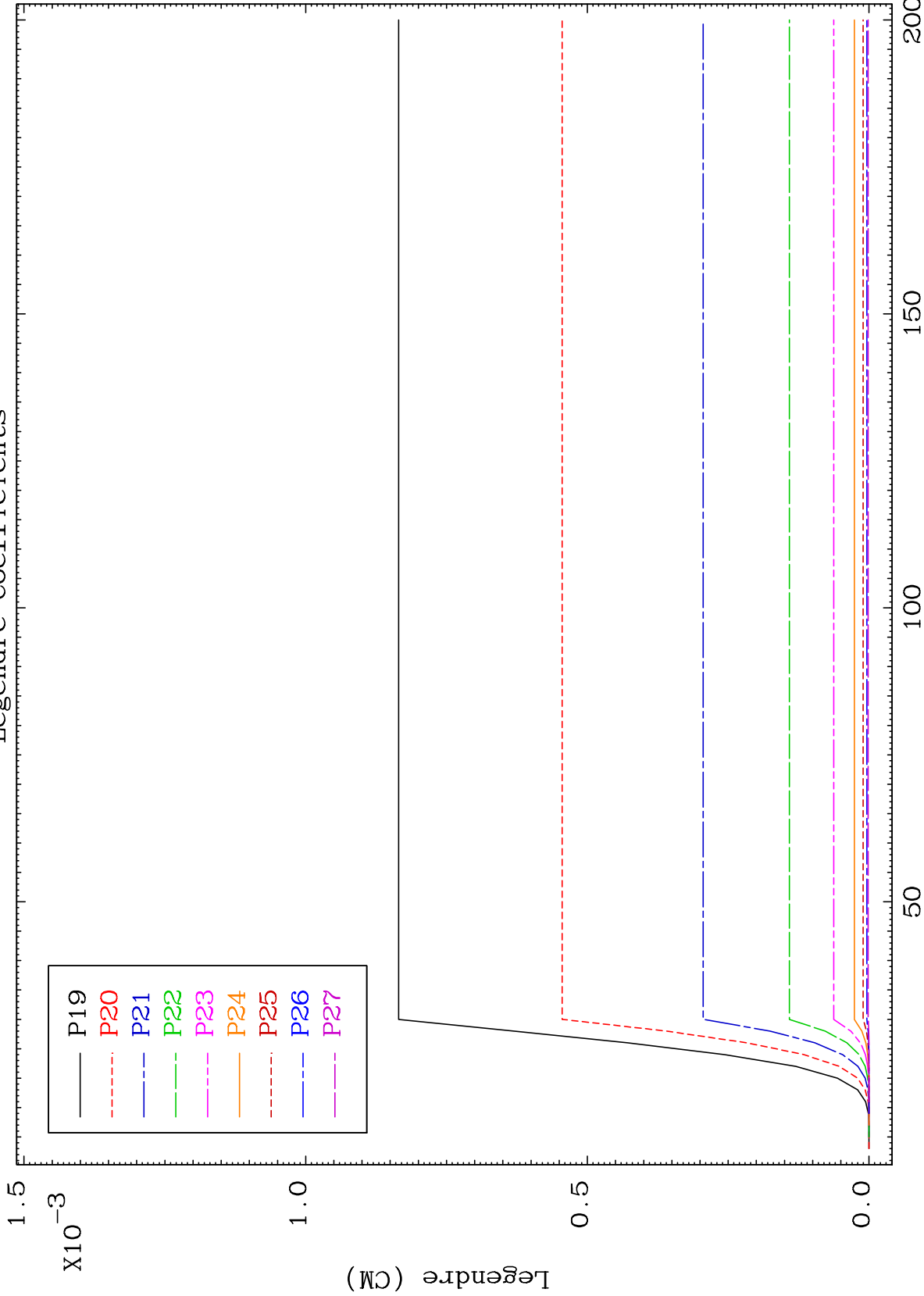
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



55

Incident Energy (MeV)

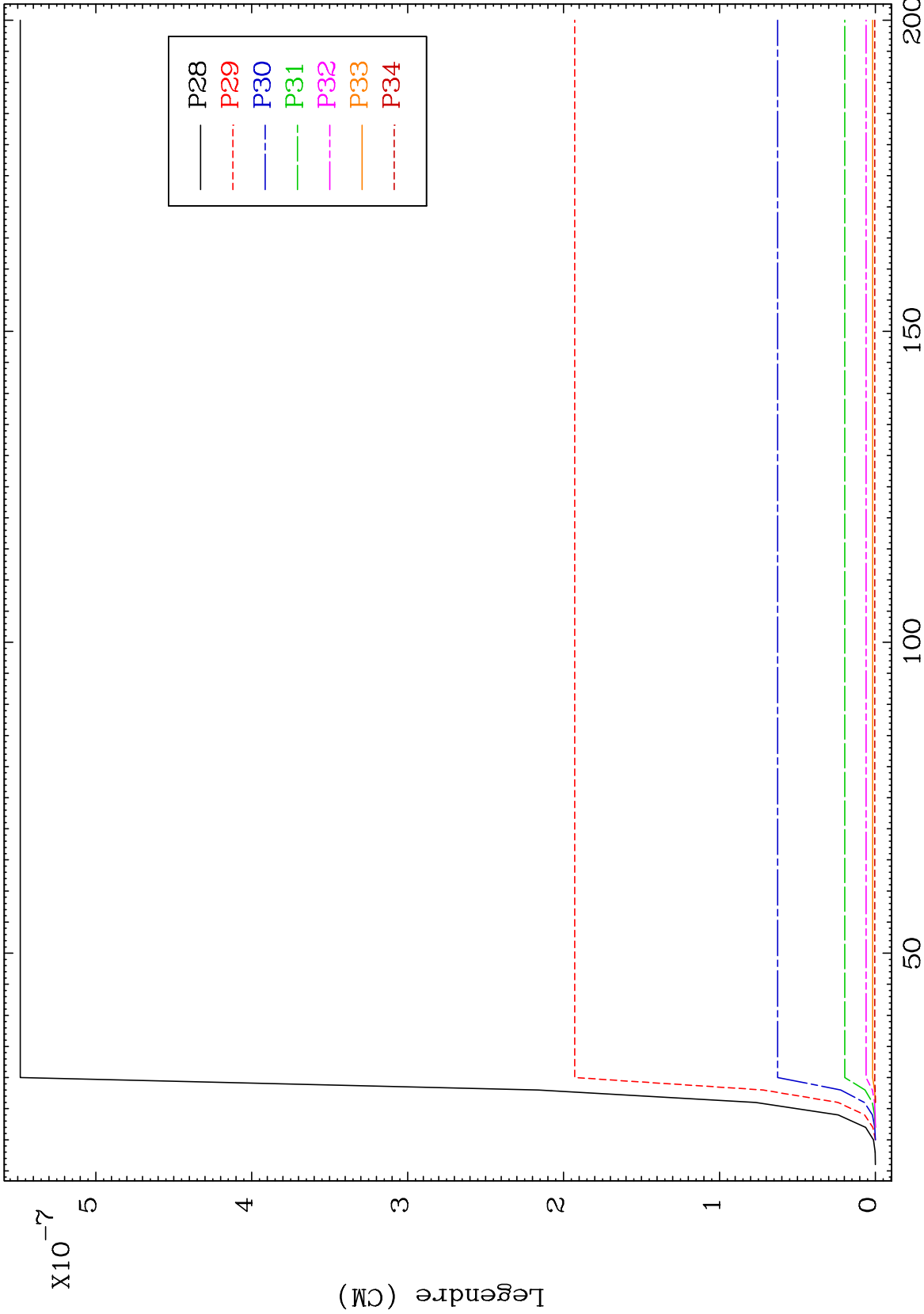
42-Mo-102



MAT 4255

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

42-Mo-102



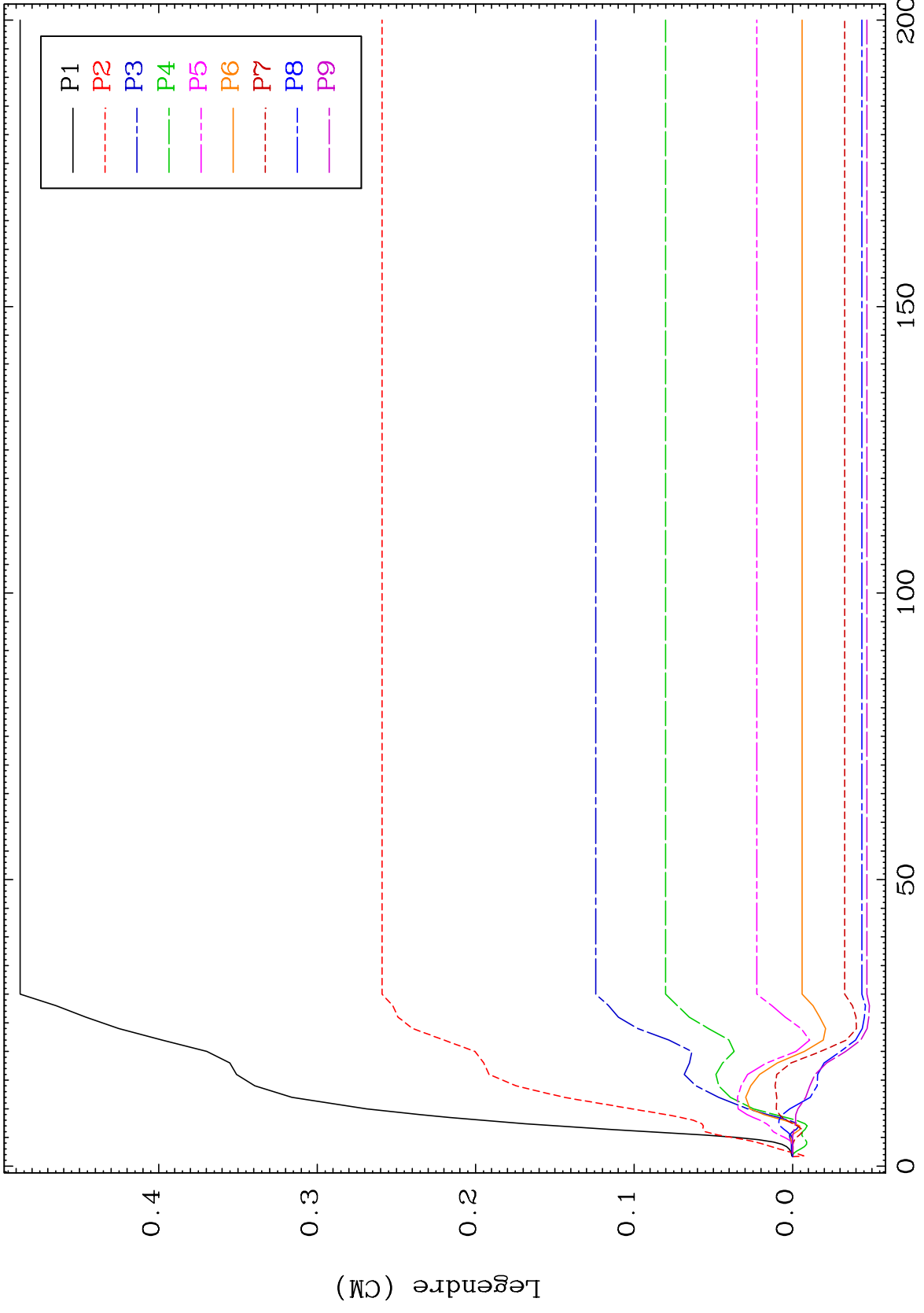
56

42-Mo-102

MAT 4255

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

42-Mo-102



57

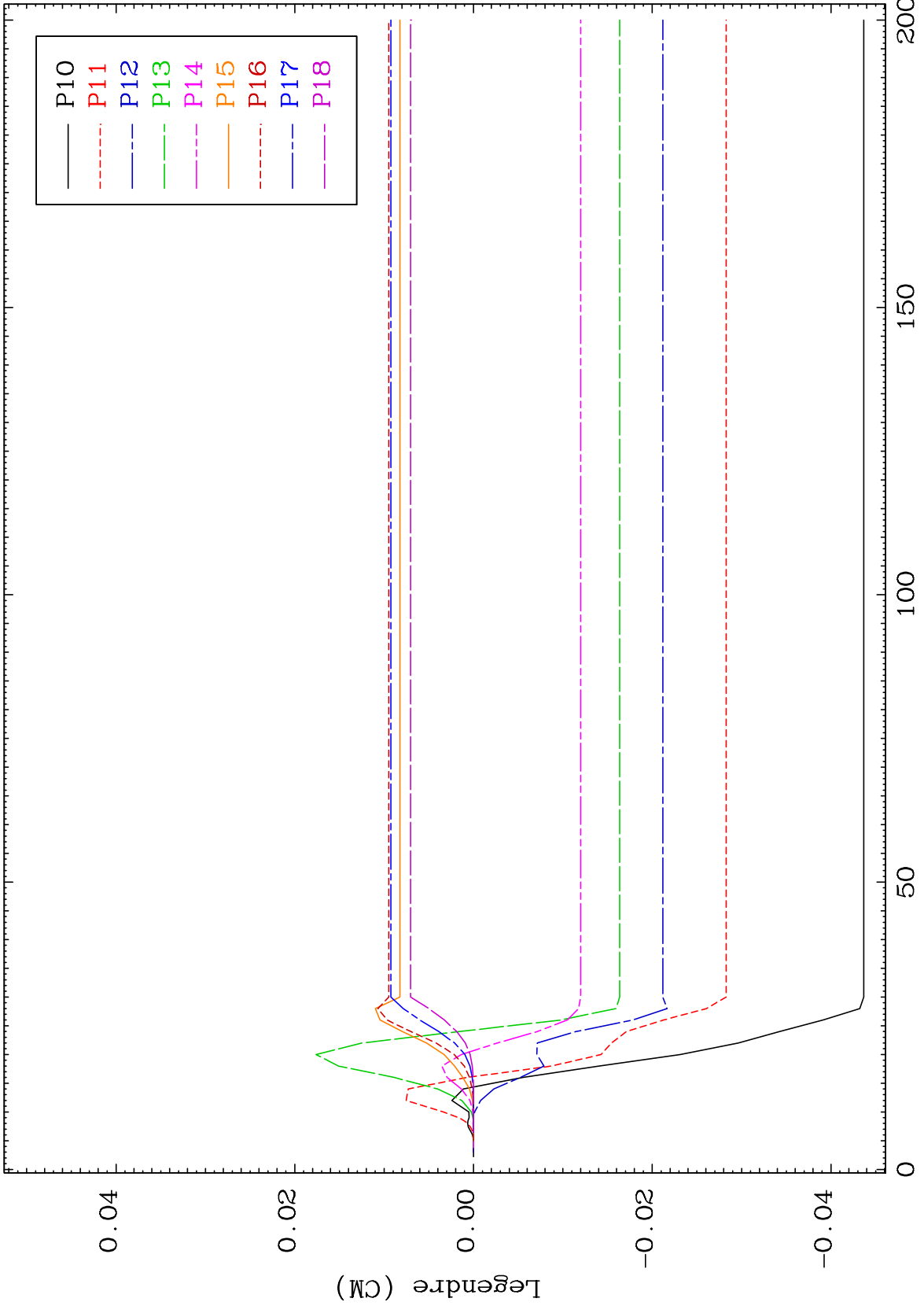
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



58

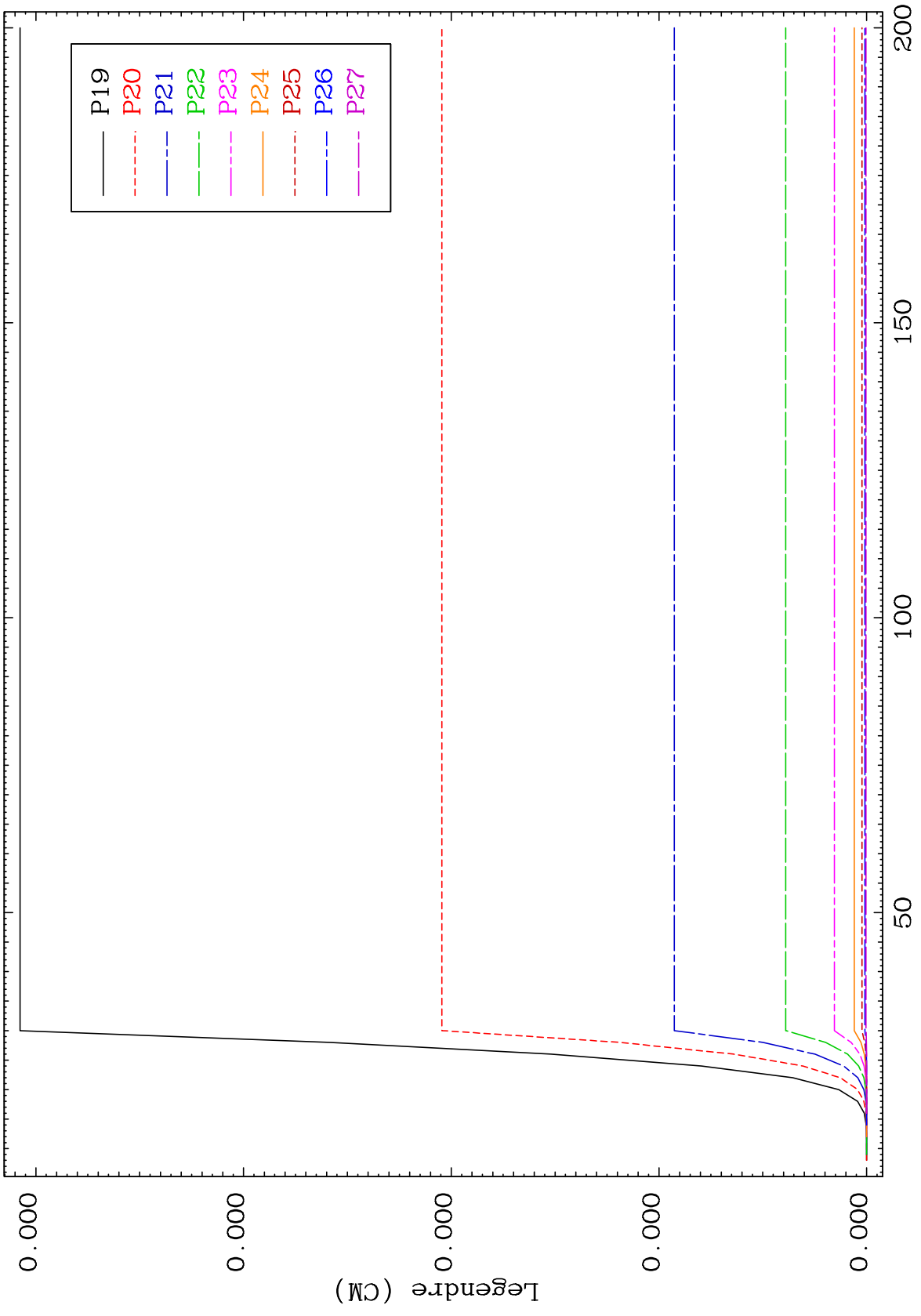
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



59

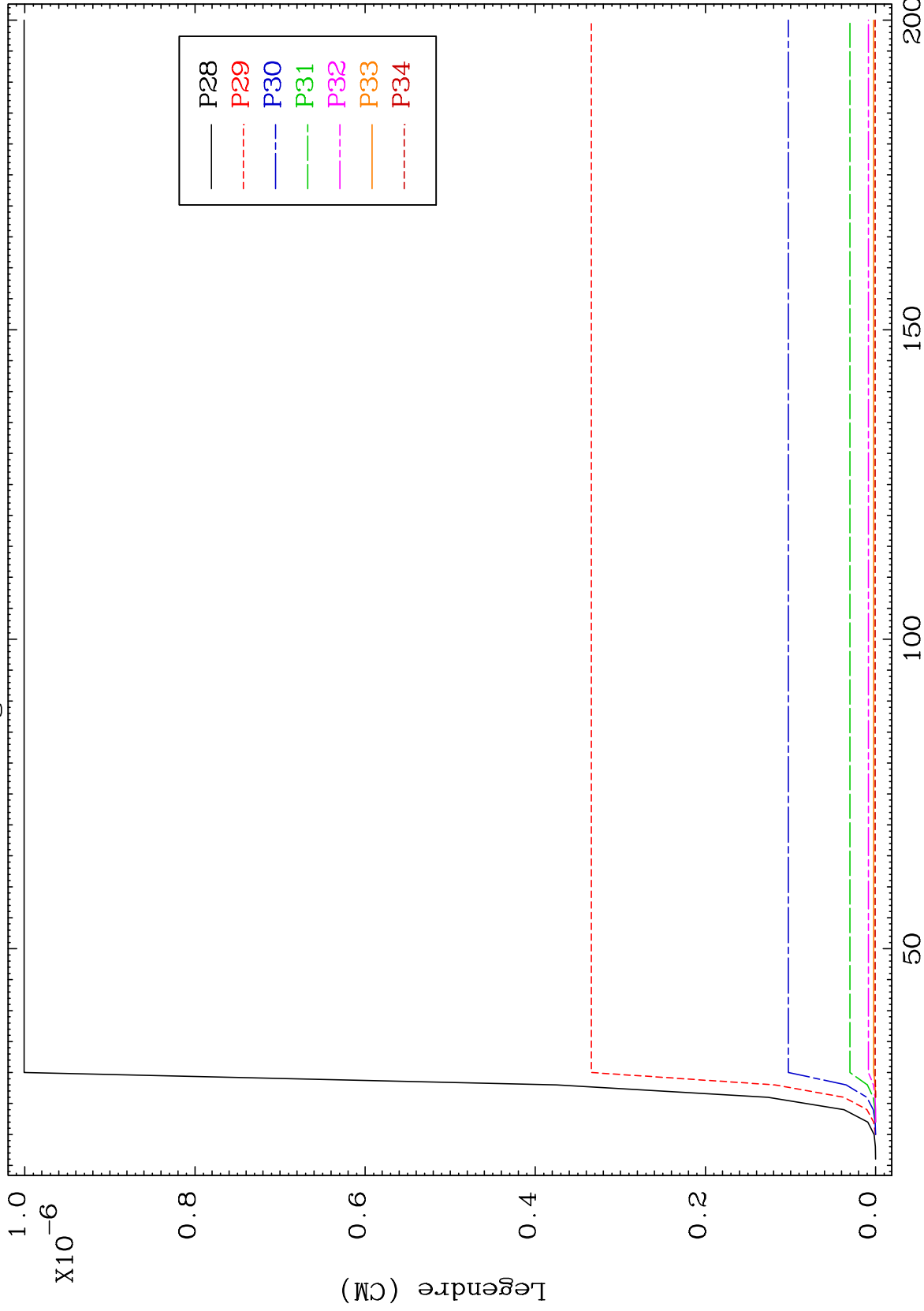
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



60

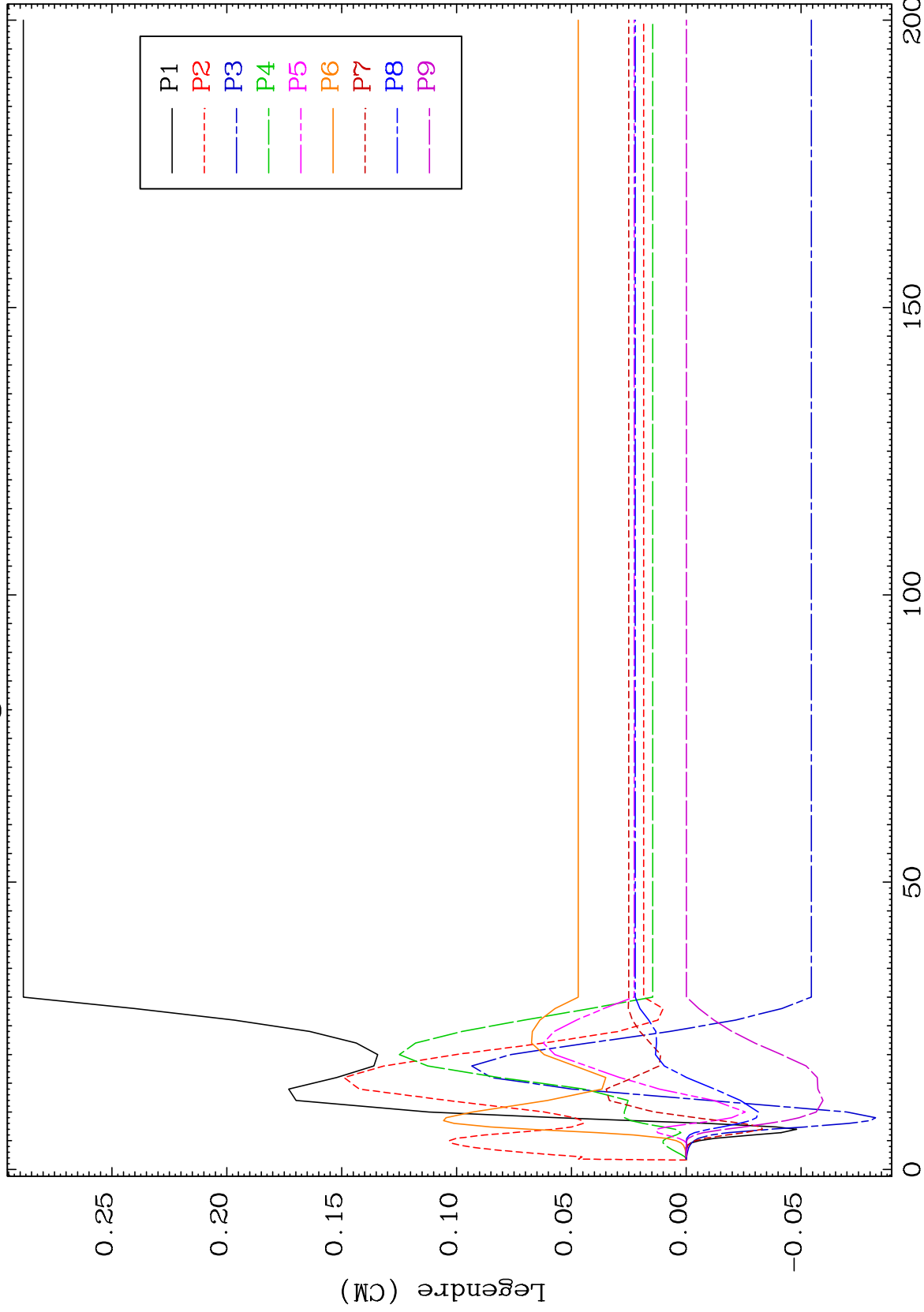
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



61

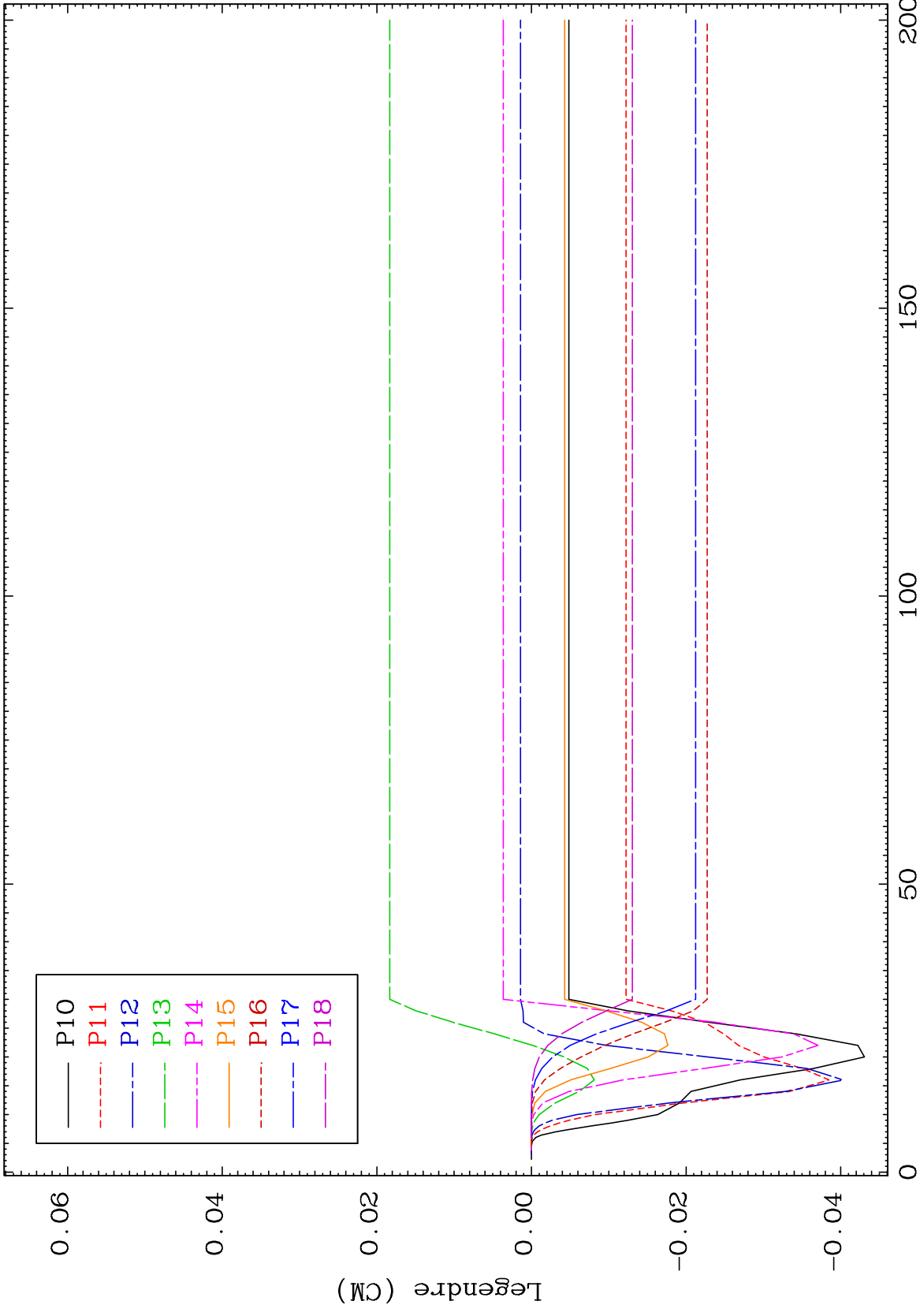
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102

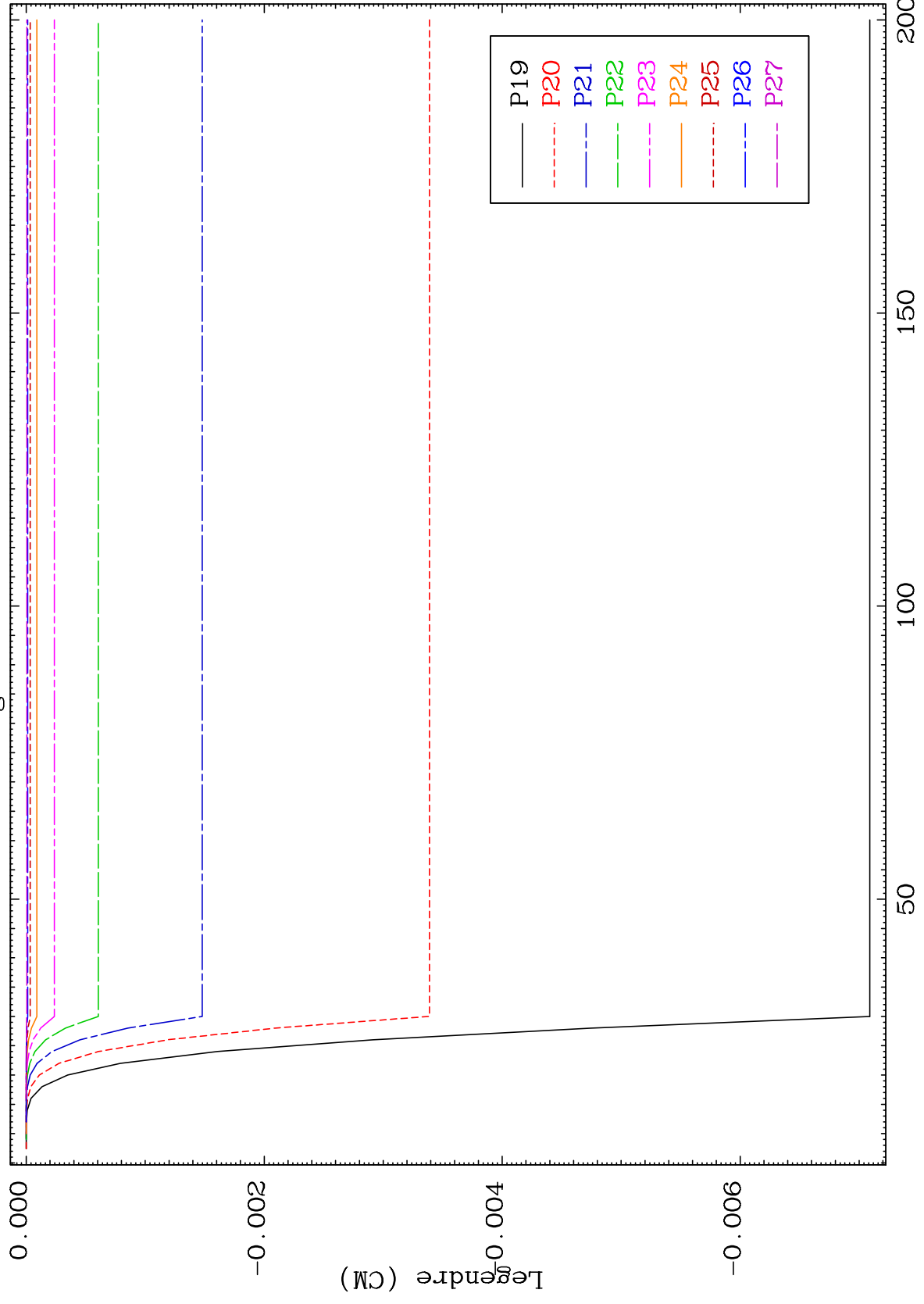


62

Incident Energy (MeV)

42-Mo-102

MAT 4255 MT= 62 (n,n') Level Legendre Coefficients 42-Mo-102



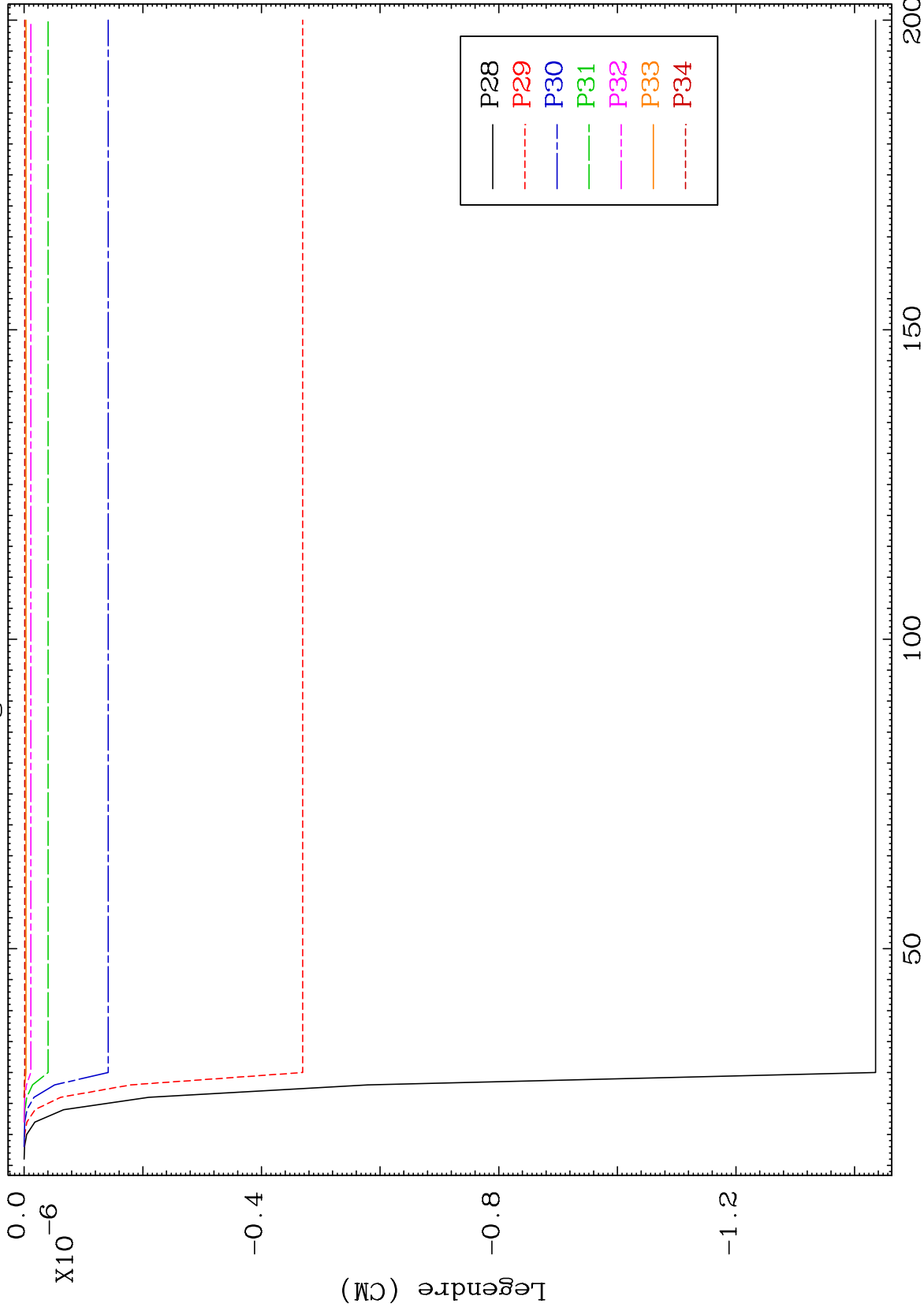
63 42-Mo-102



MAT 4255

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

42-Mo-102



42-Mo-102

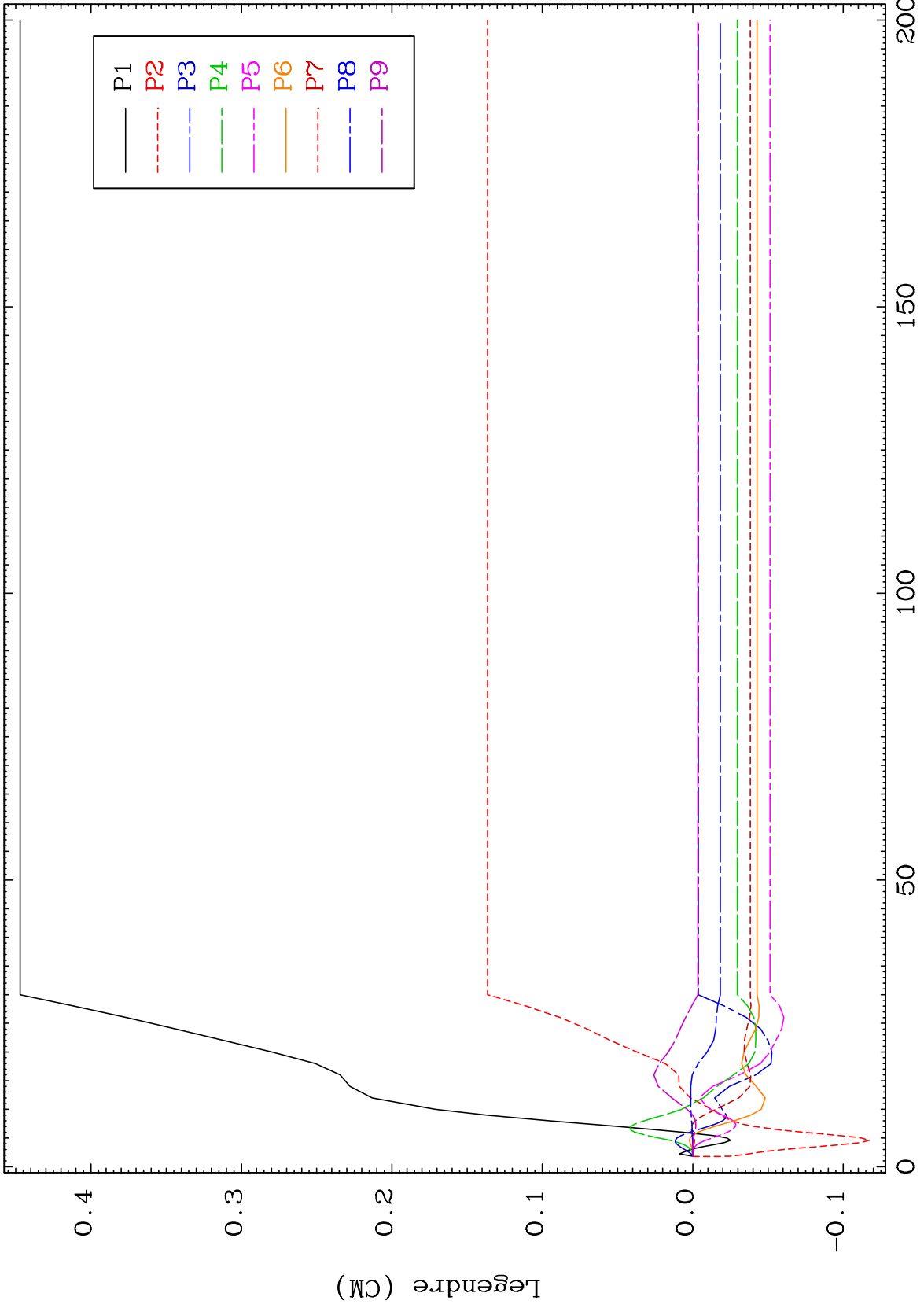
Incident Energy (MeV)

64

MAT 4255

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

42-Mo-102



65

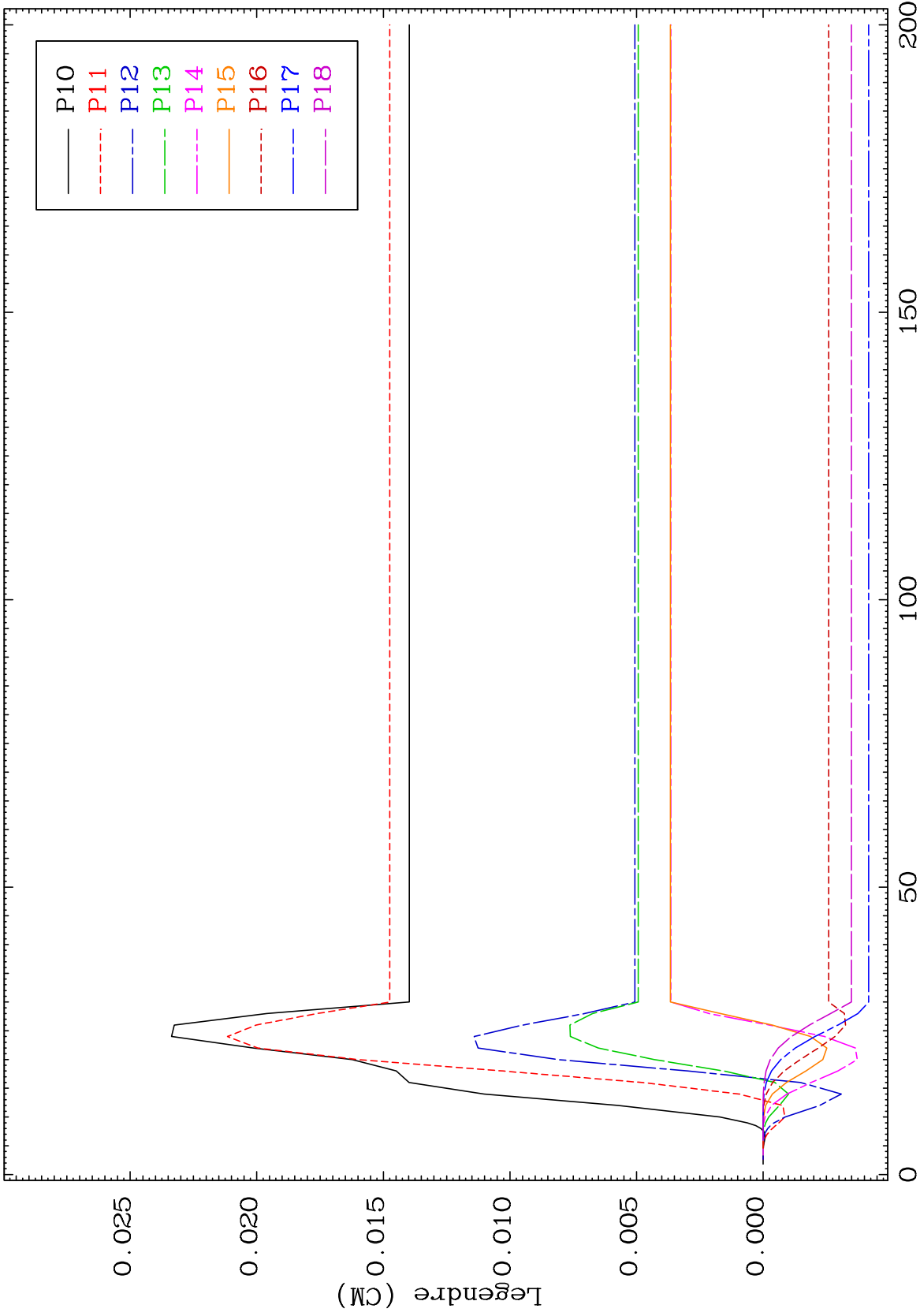
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



66

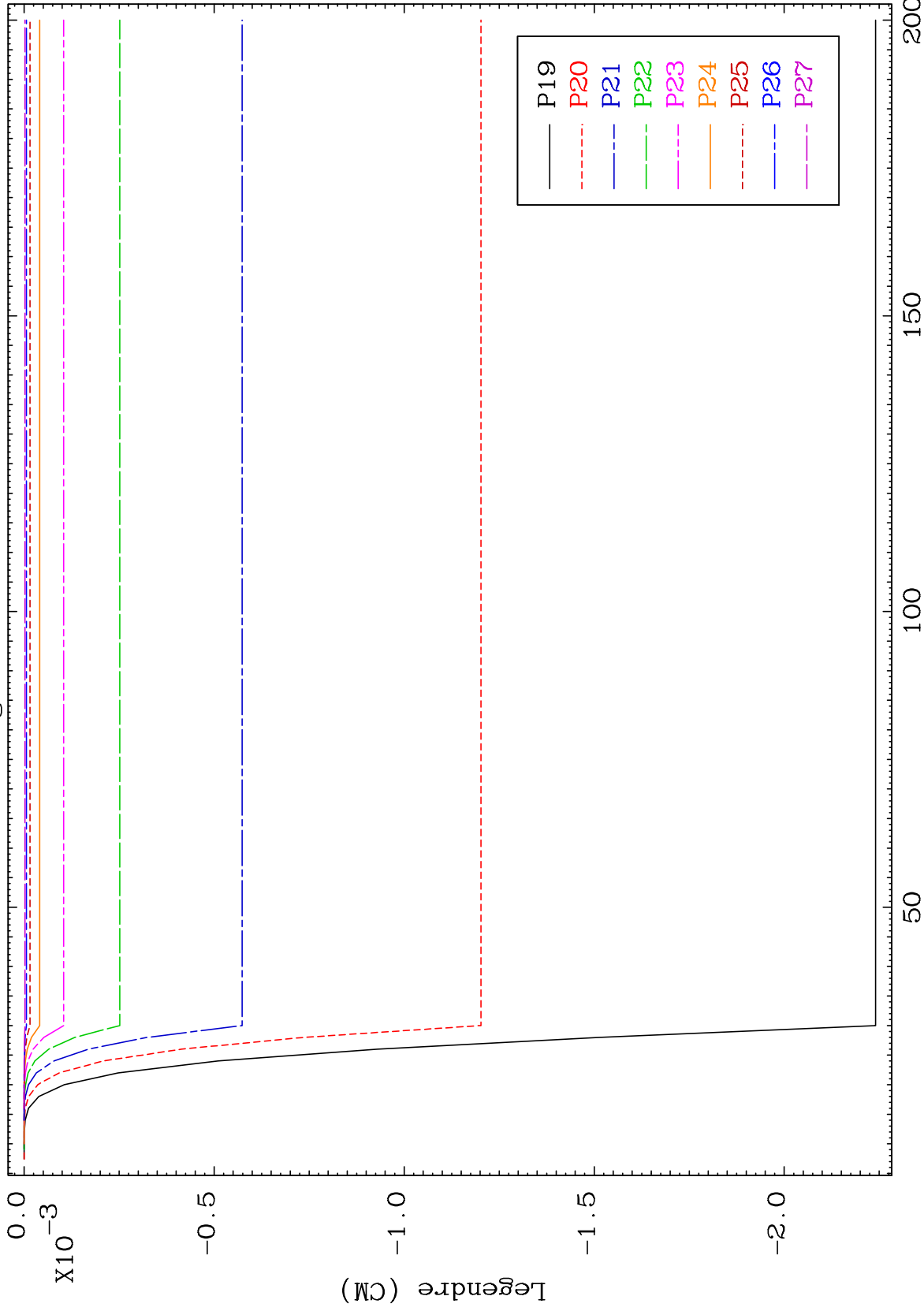
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



42-Mo-102

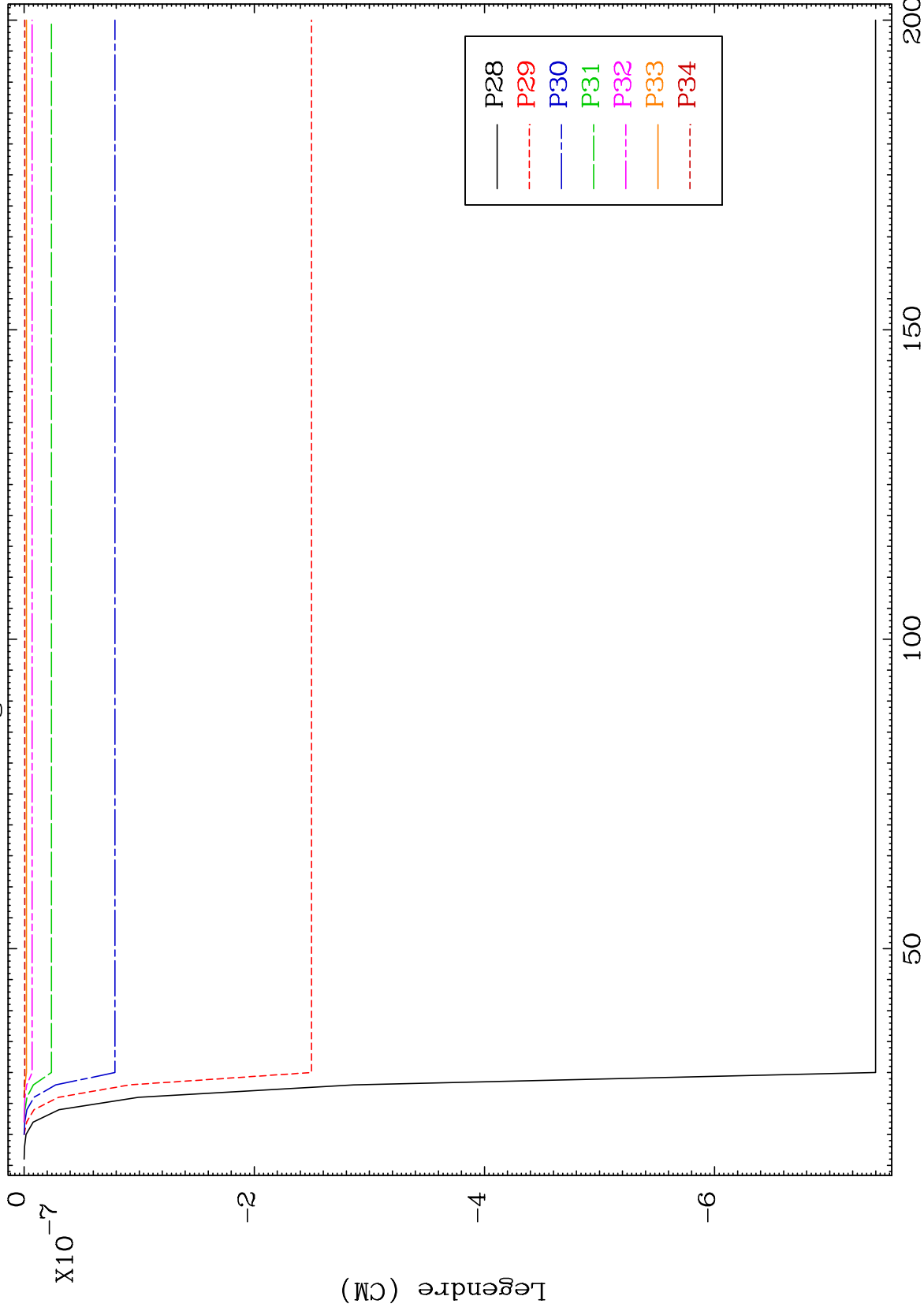
Incident Energy (MeV)

67

MAT 4255

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

42-Mo-102



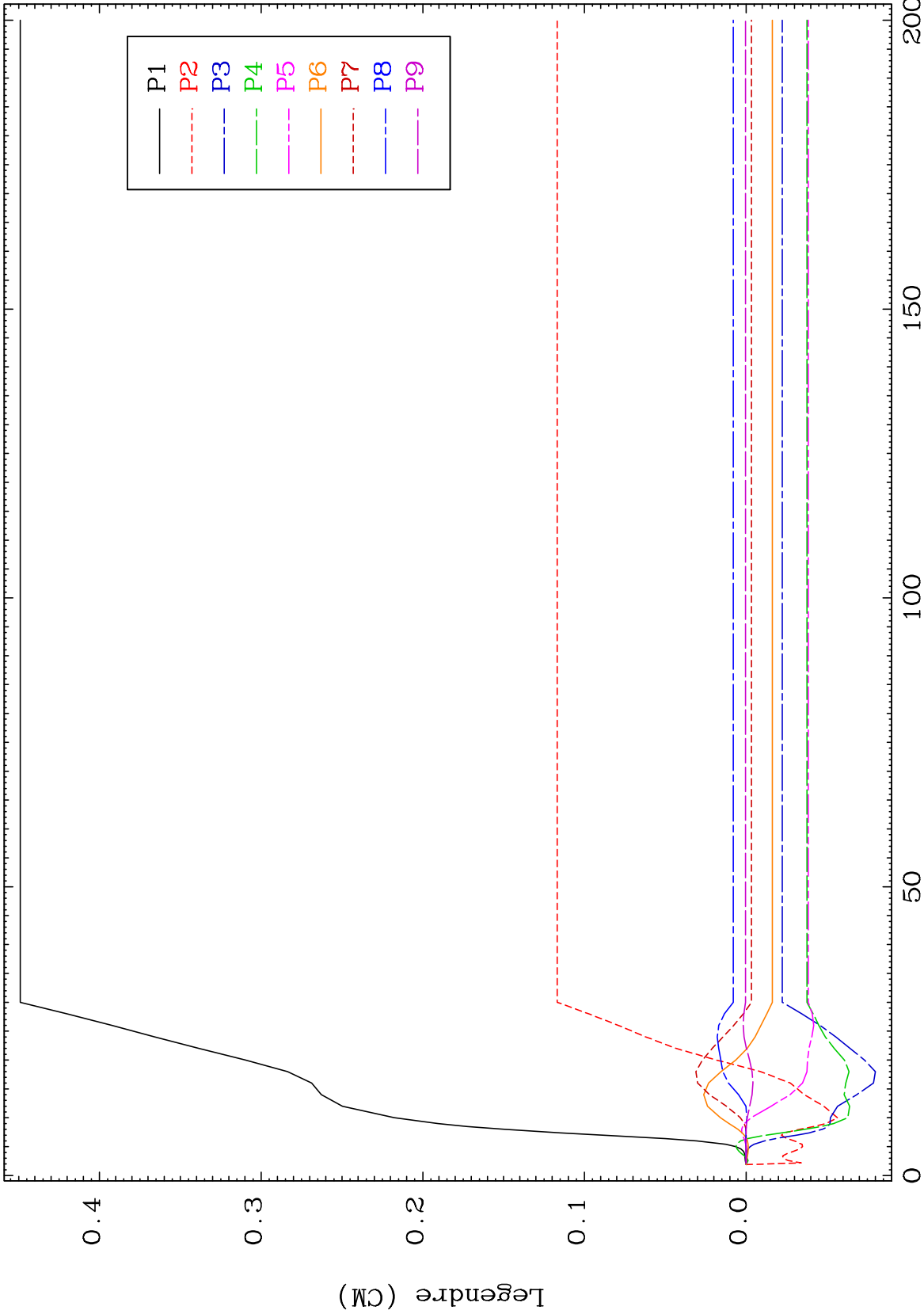
68

42-Mo-102

MAT 4255

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

42-Mo-102



69

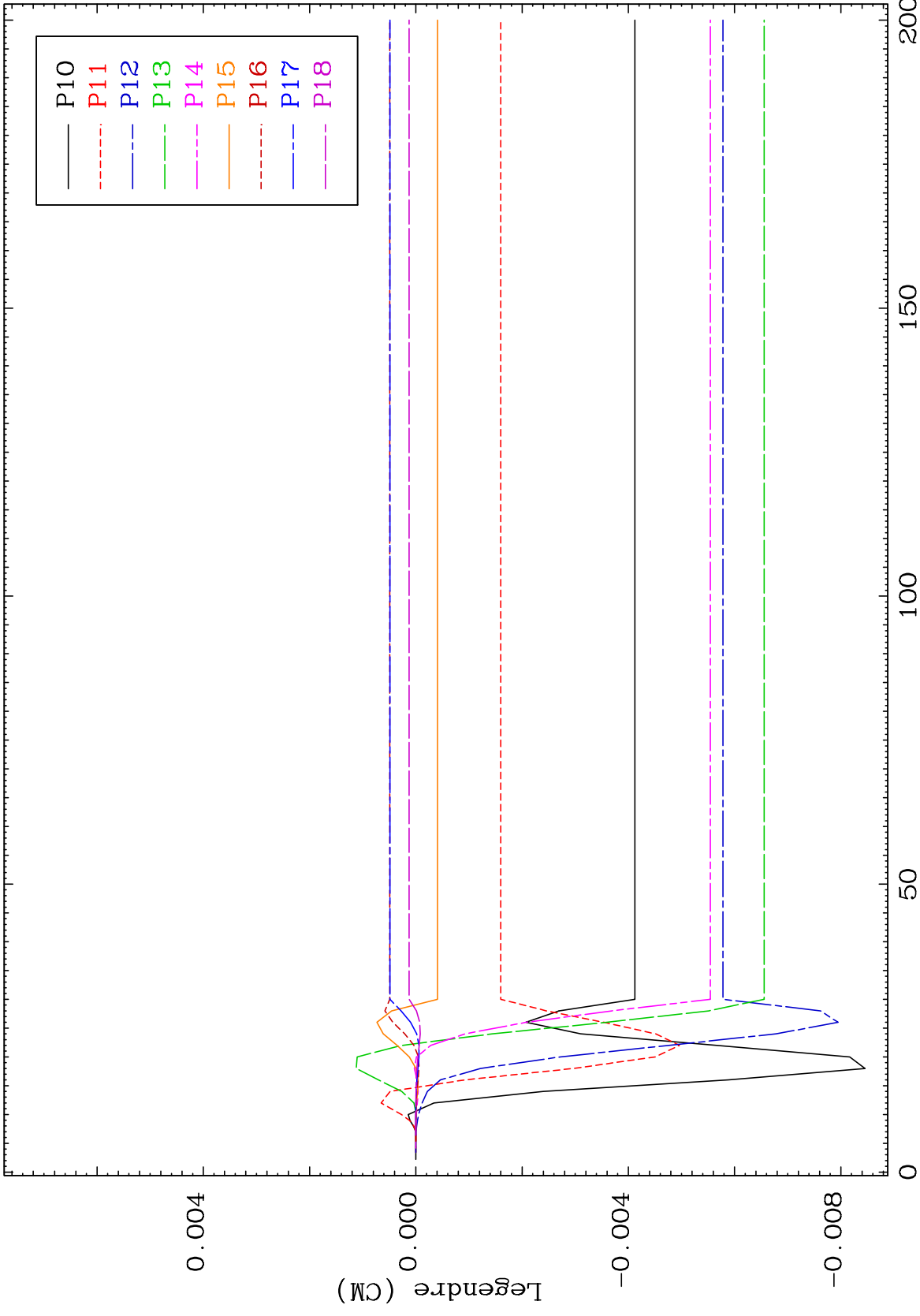
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



70

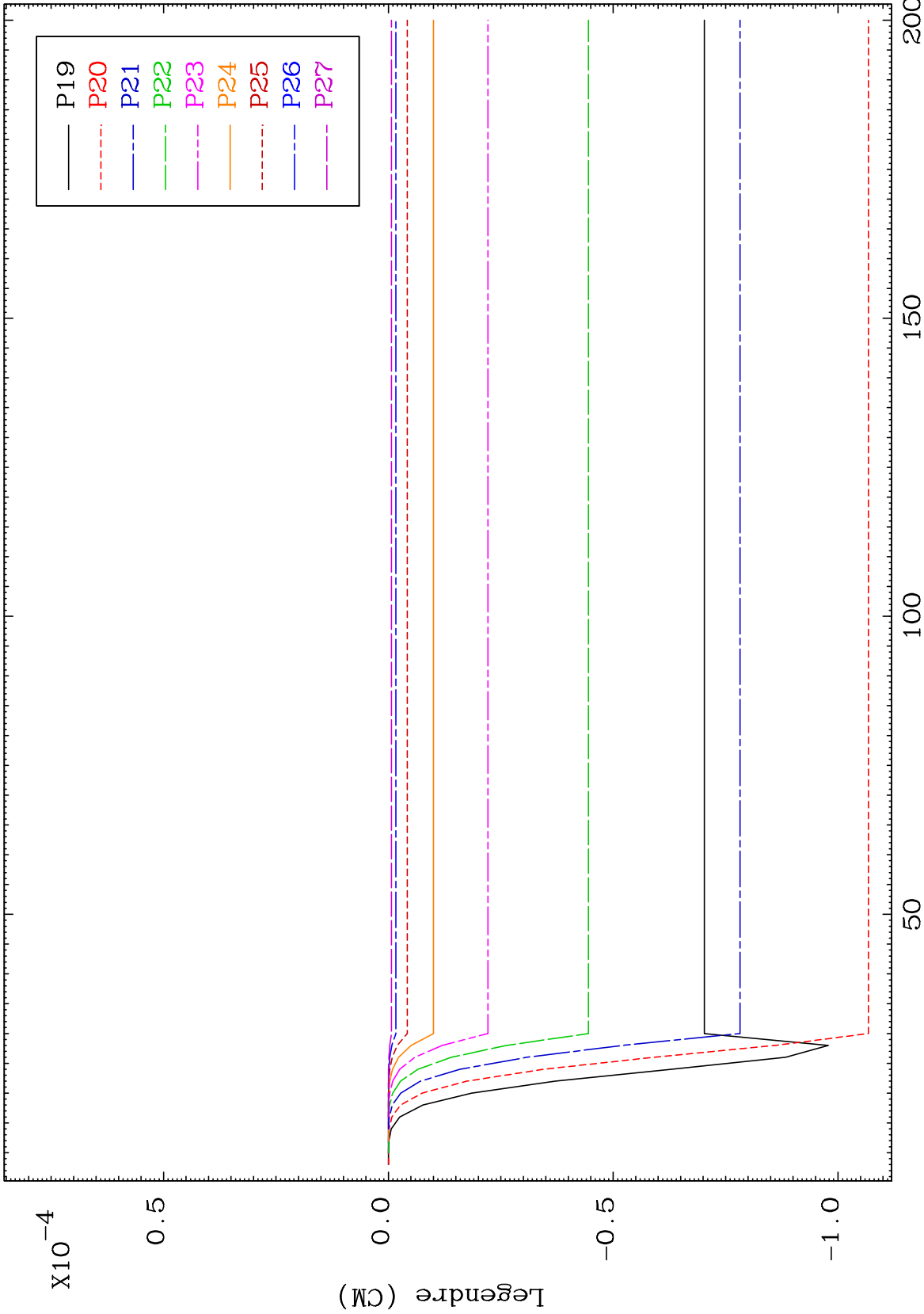
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



71

Incident Energy (MeV)

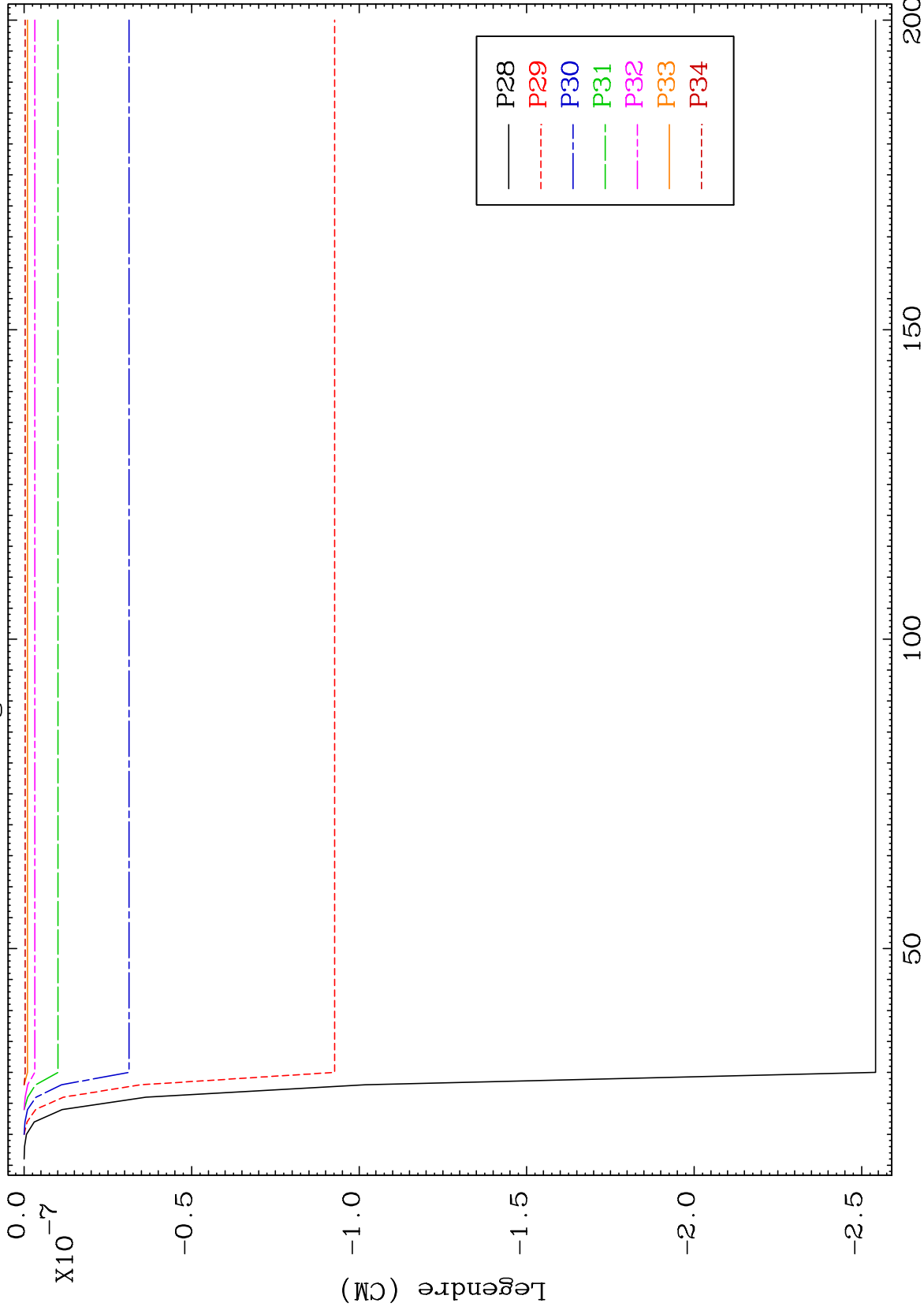
42-Mo-102



MAT 4255

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

42-Mo-102



42-Mo-102

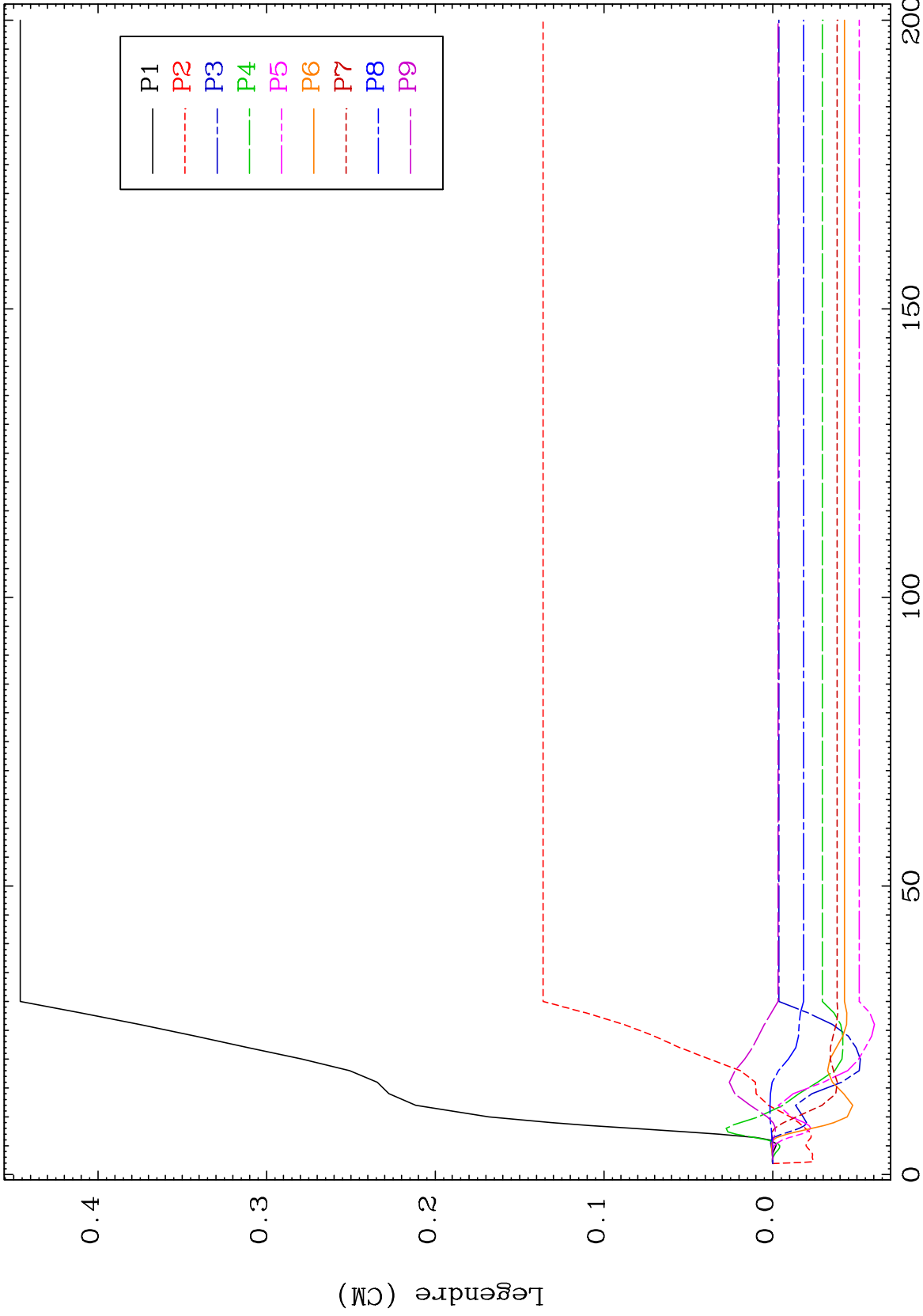
Incident Energy (MeV)

72

MAT 4255

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

42-Mo-102



73

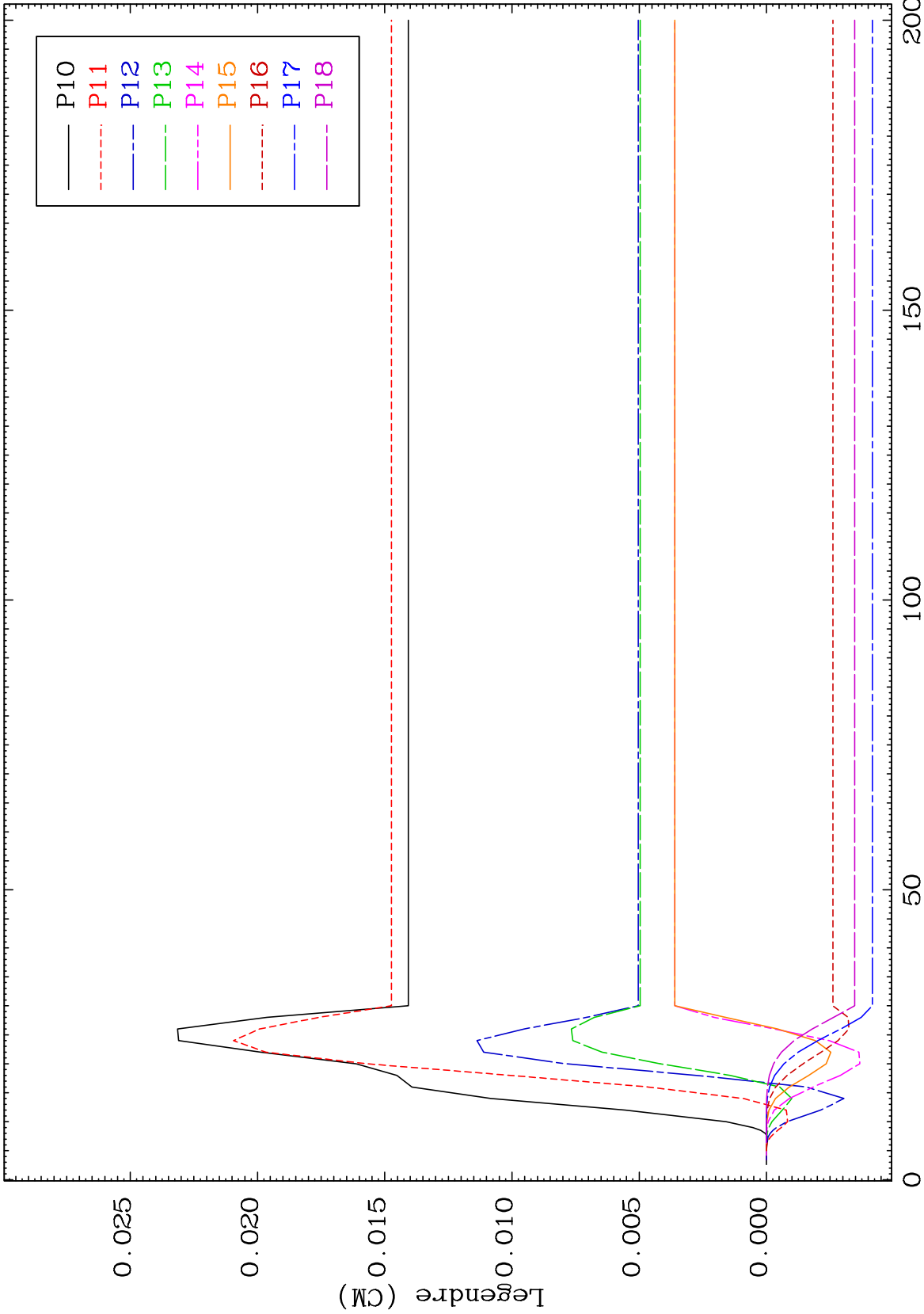
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



74

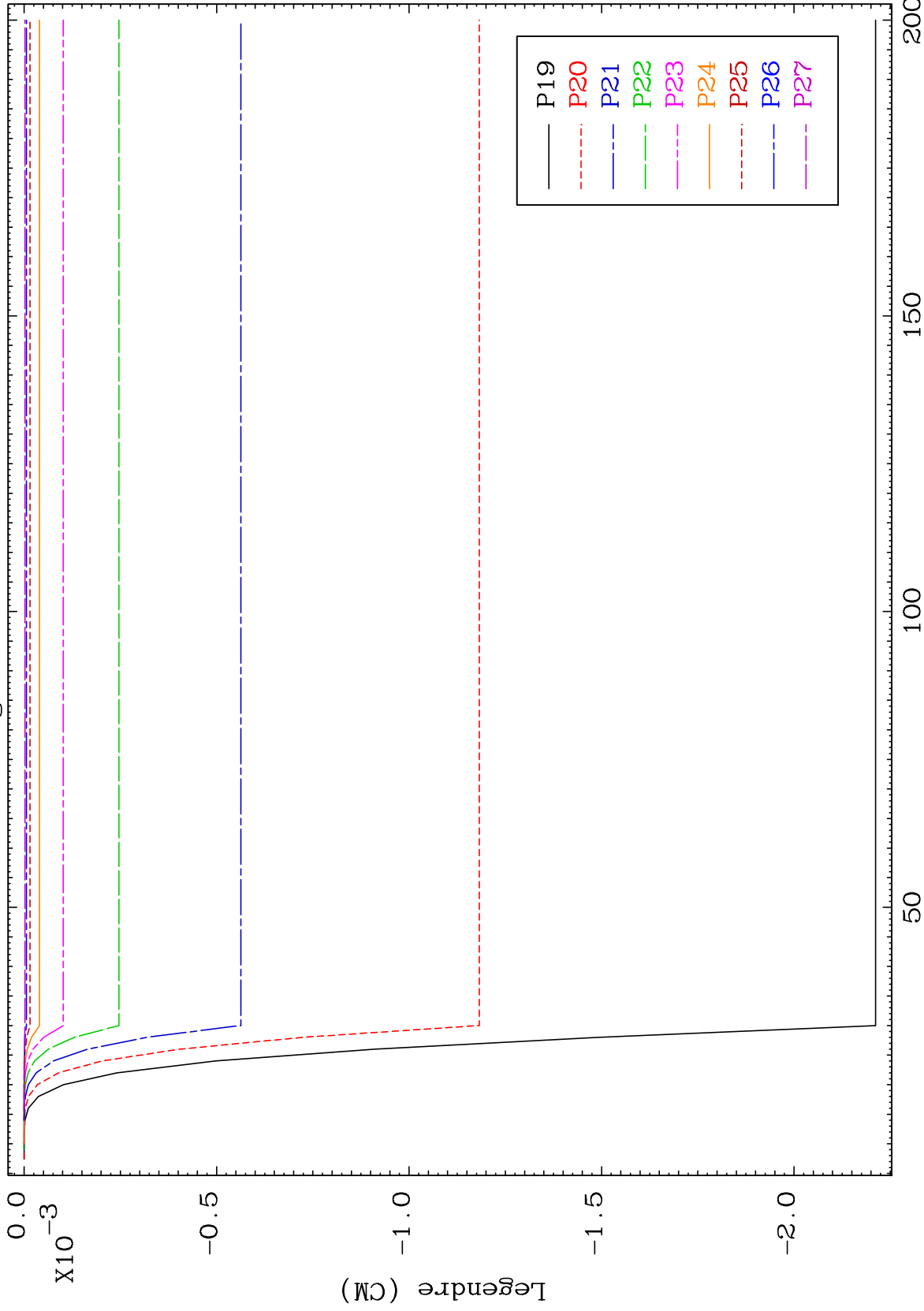
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



42-Mo-102

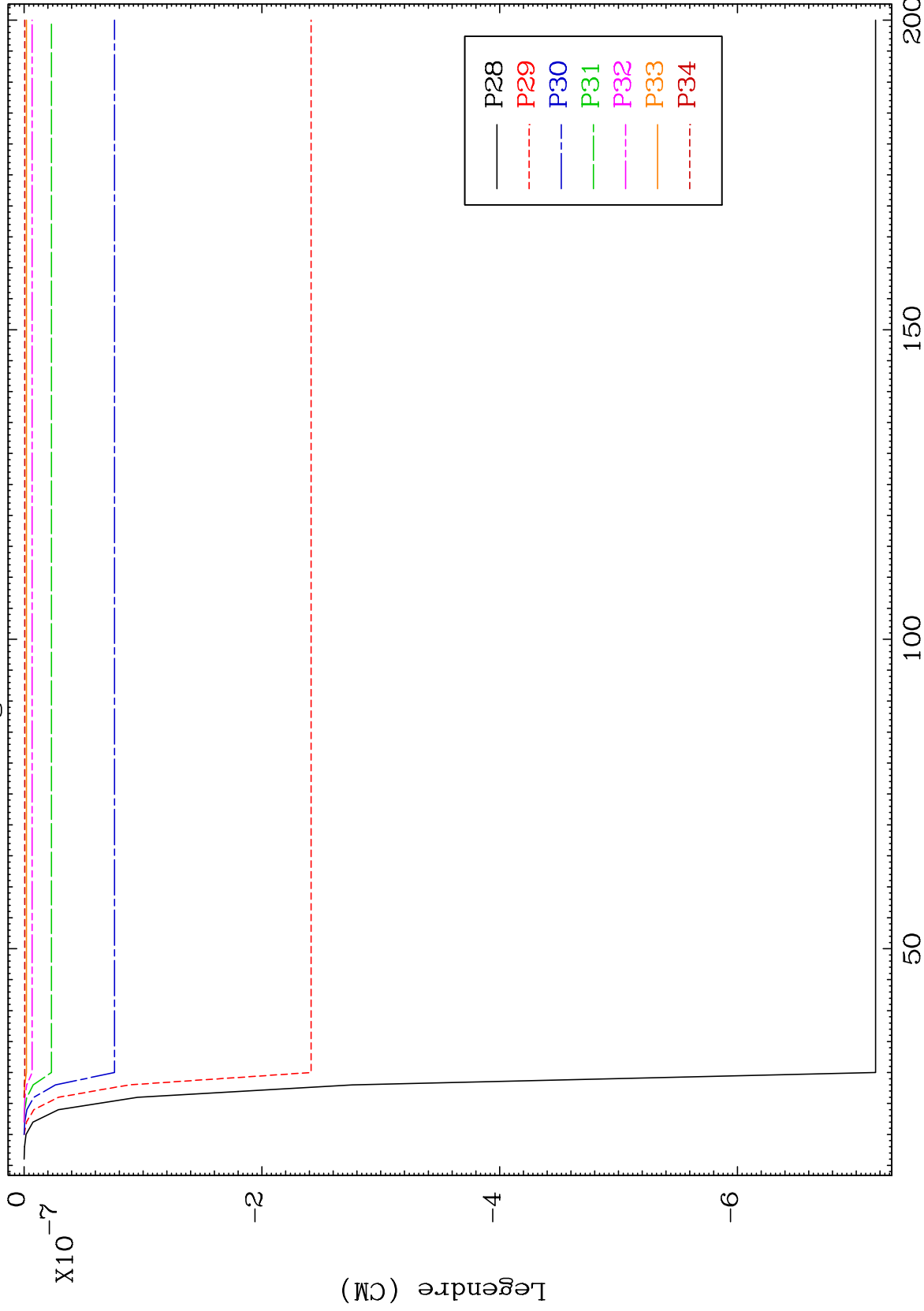
Incident Energy (MeV)

75

MAT 4255

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

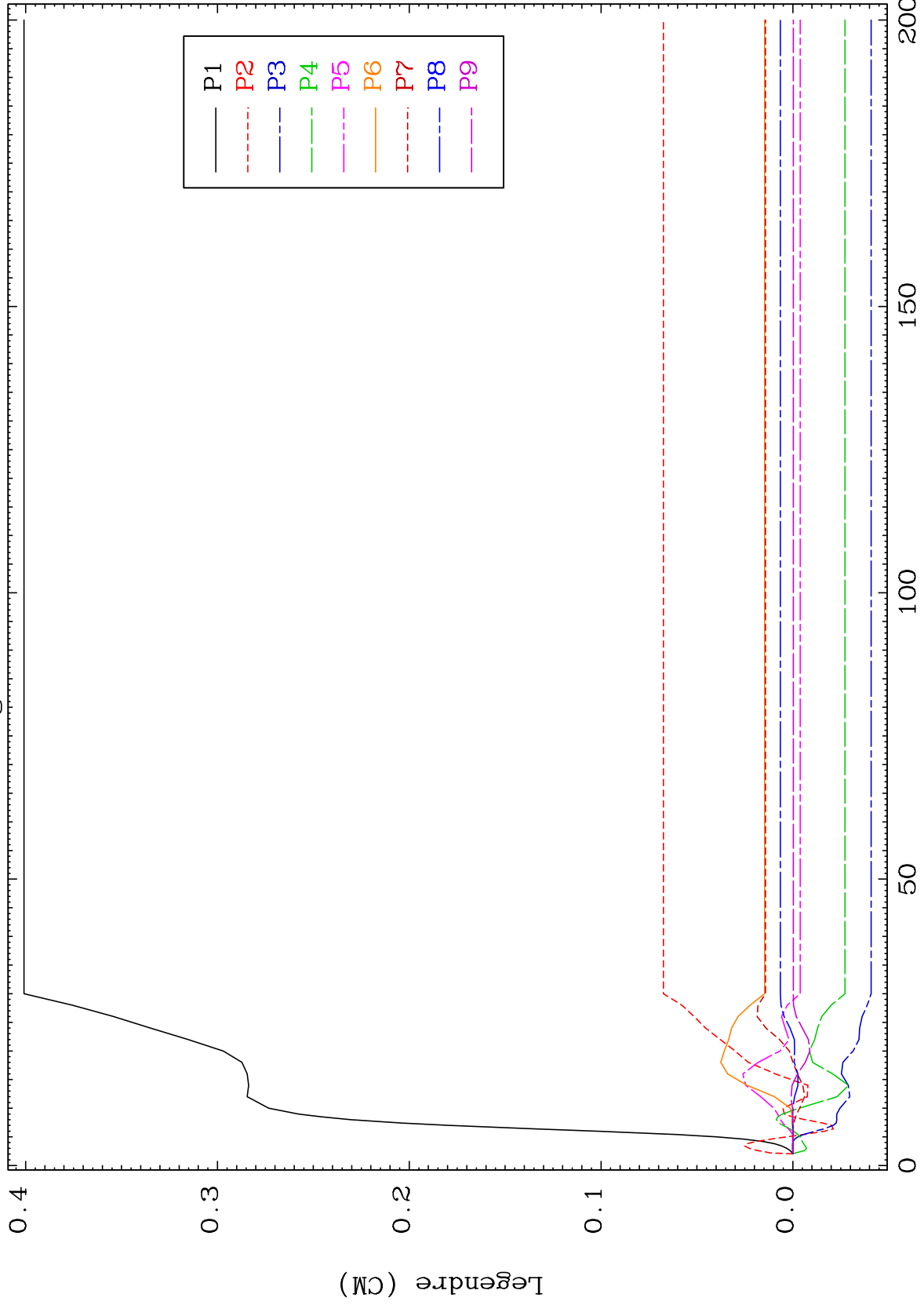
42-Mo-102



MAT 4255

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

42-Mo-102



77

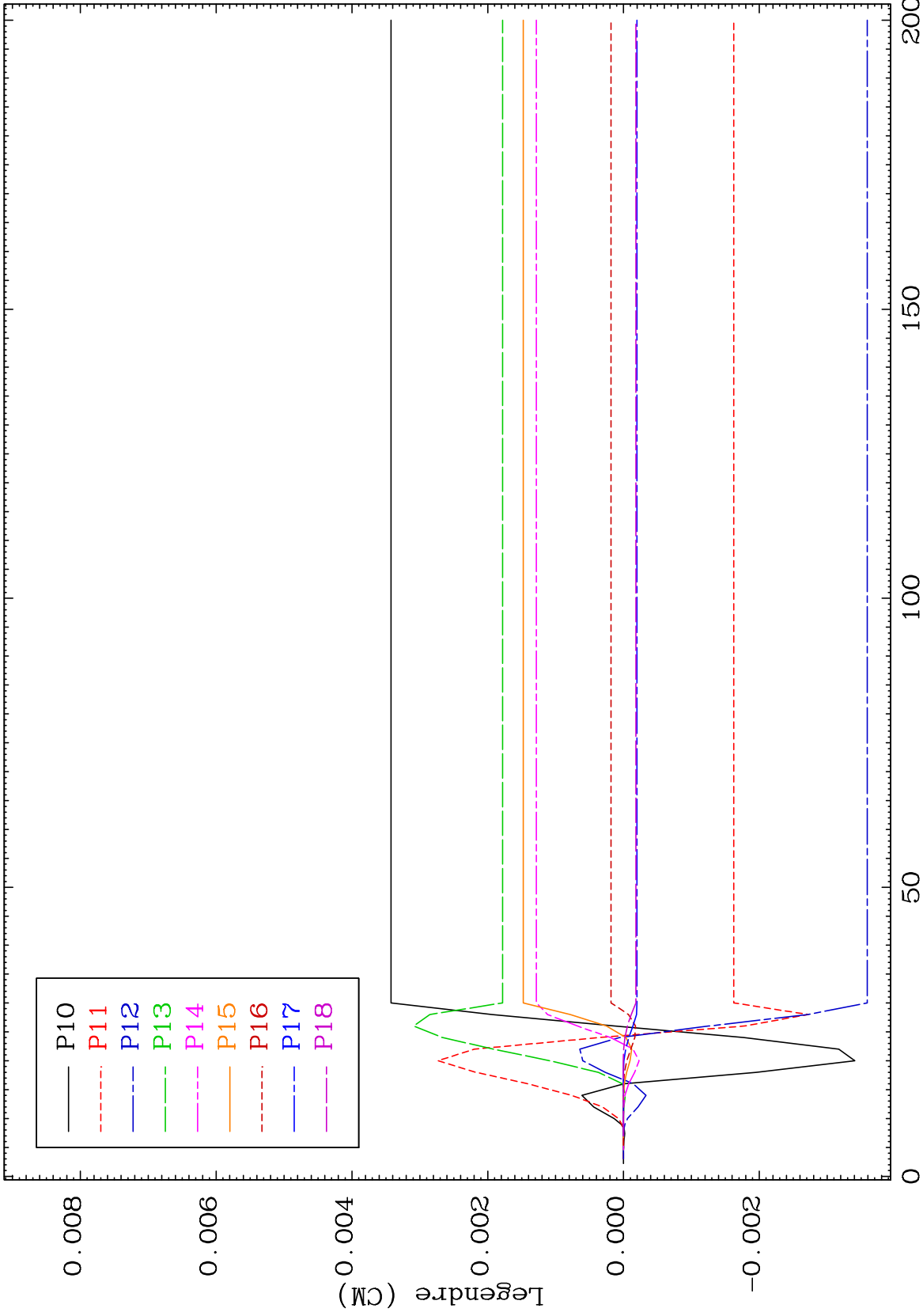
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



78

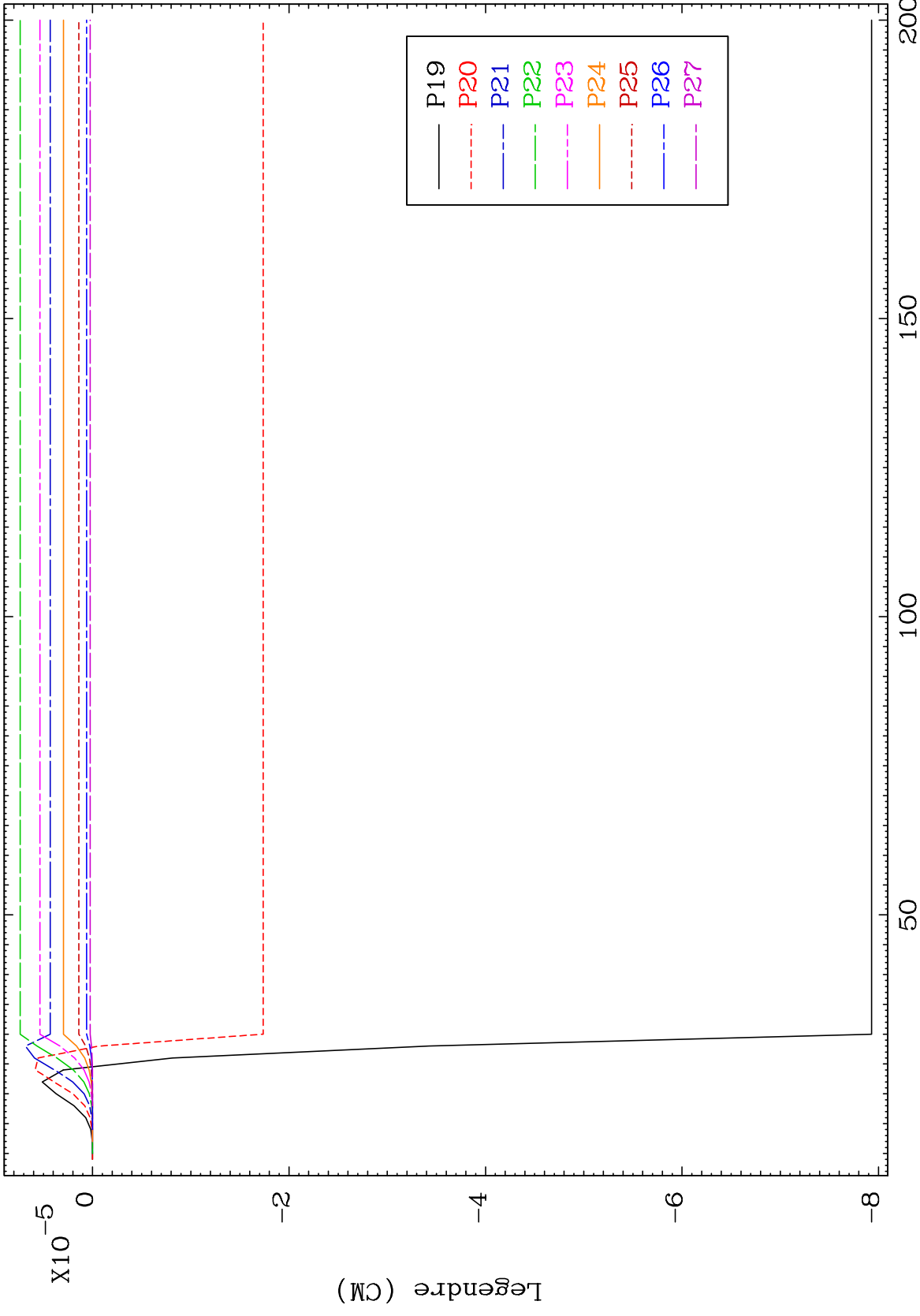
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



42-Mo-102

Incident Energy (MeV)

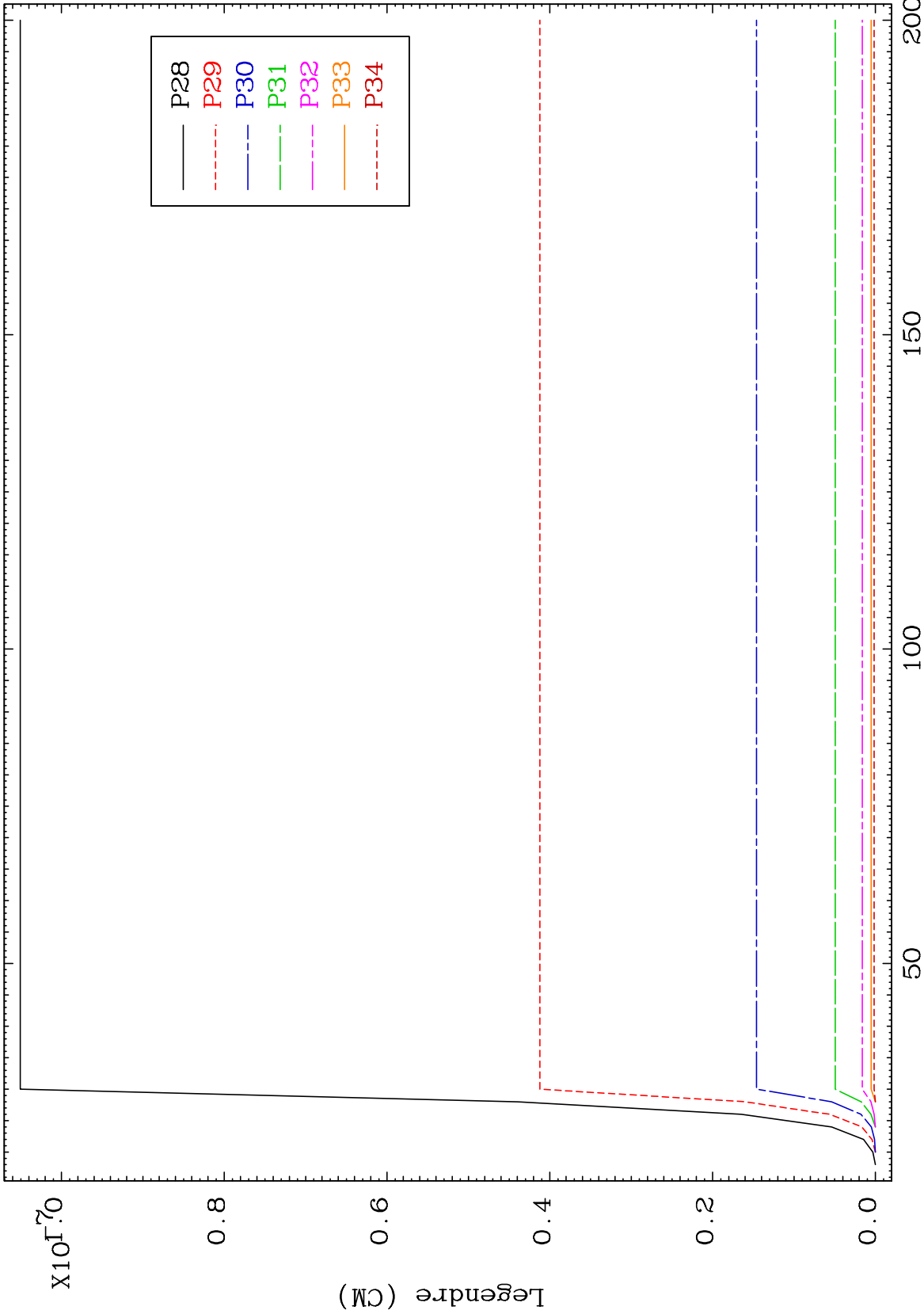
79



MAT 4255

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

42-Mo-102



80

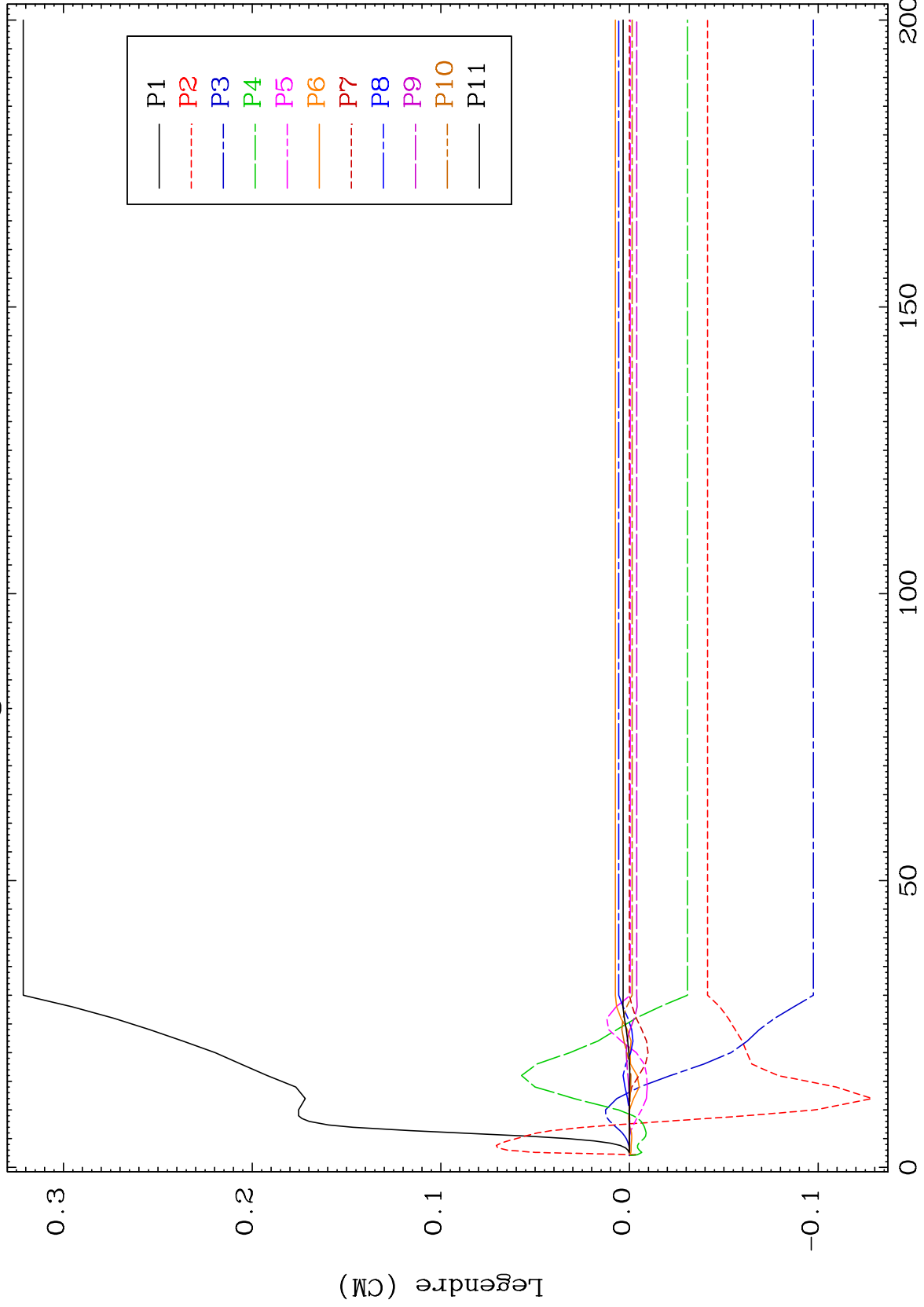
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



81

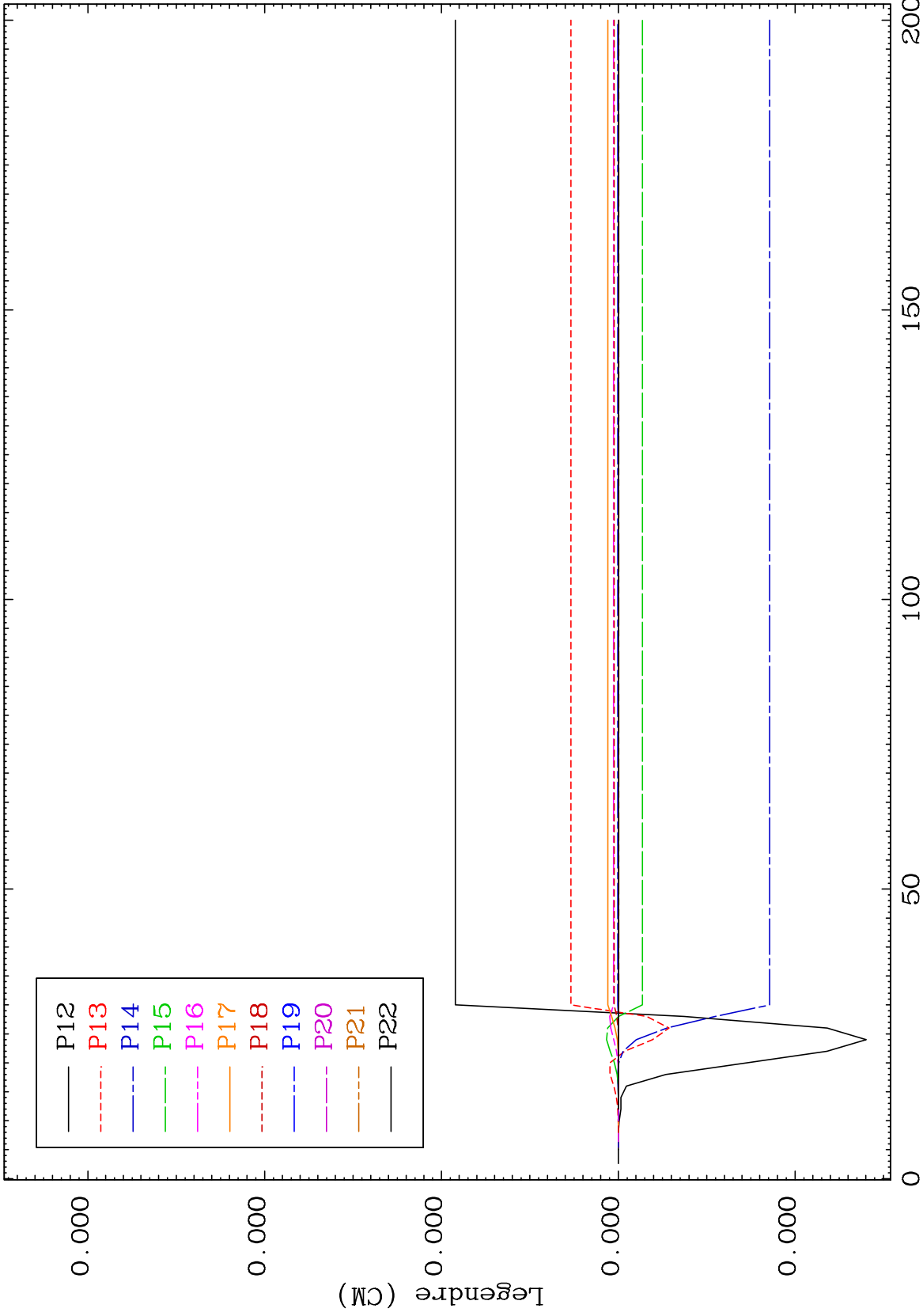
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

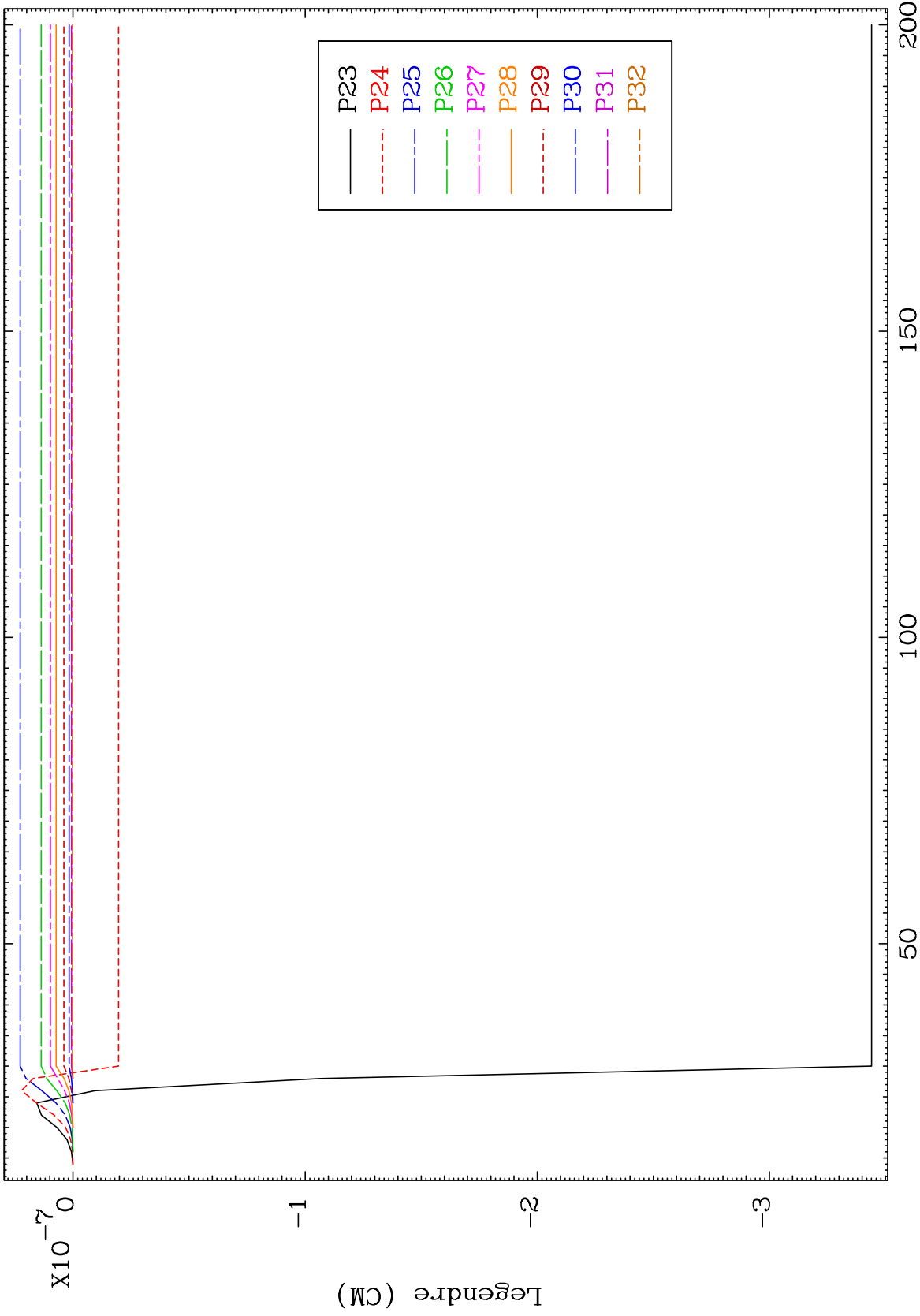
42-Mo-102



MAT 4255

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

42-Mo-102



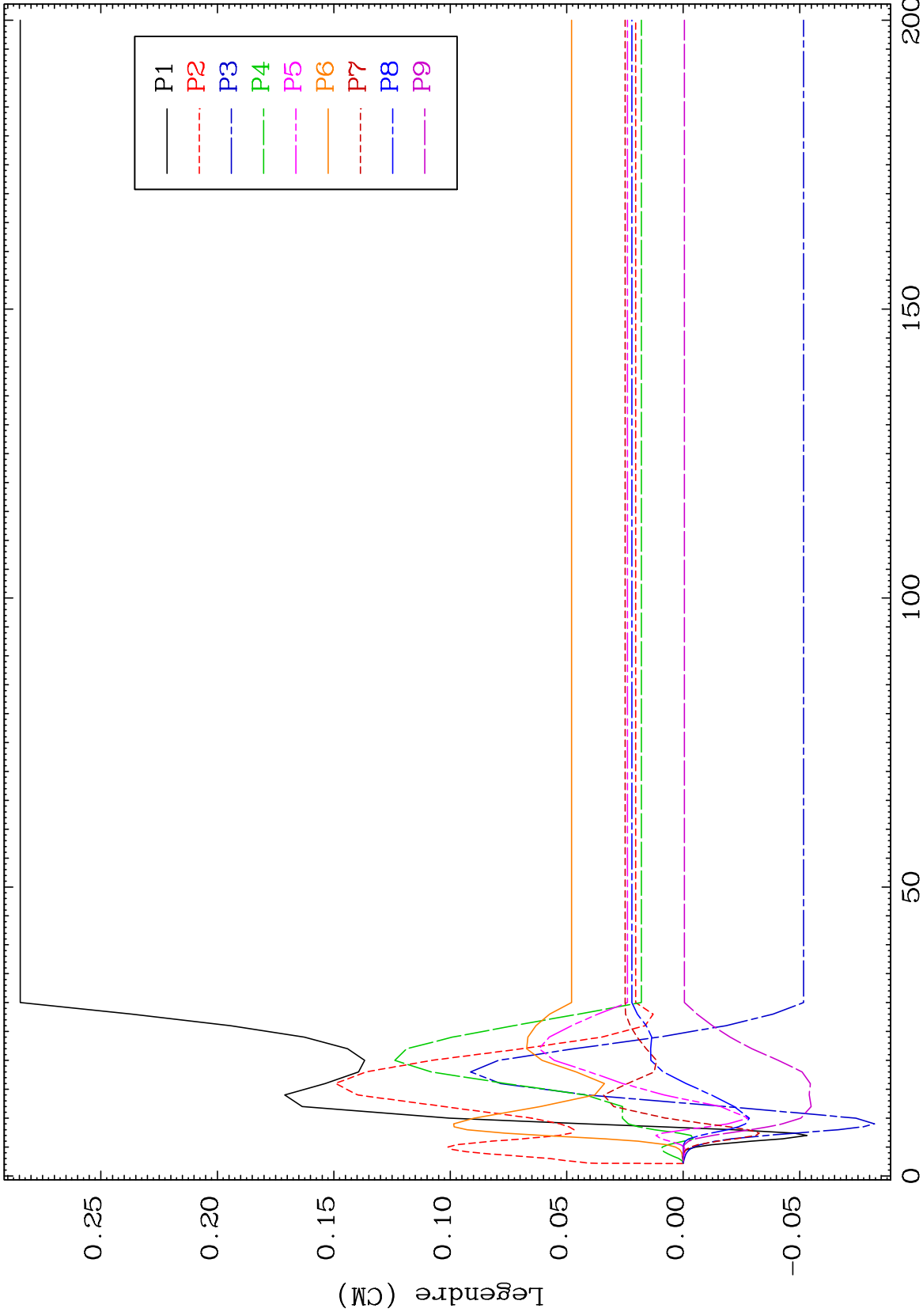
83

42-Mo-102

MAT 4255

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

42-Mo-102



84

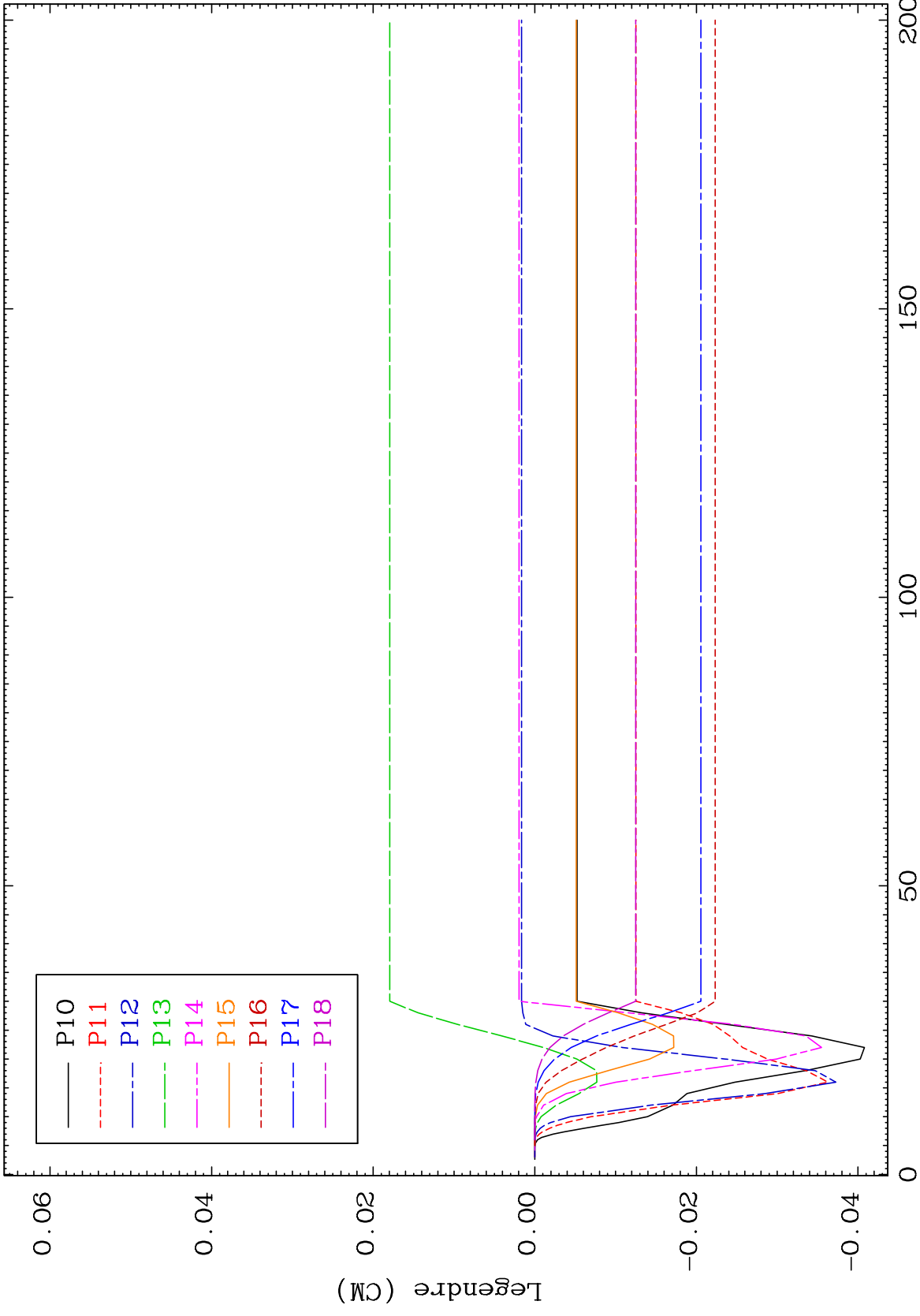
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102

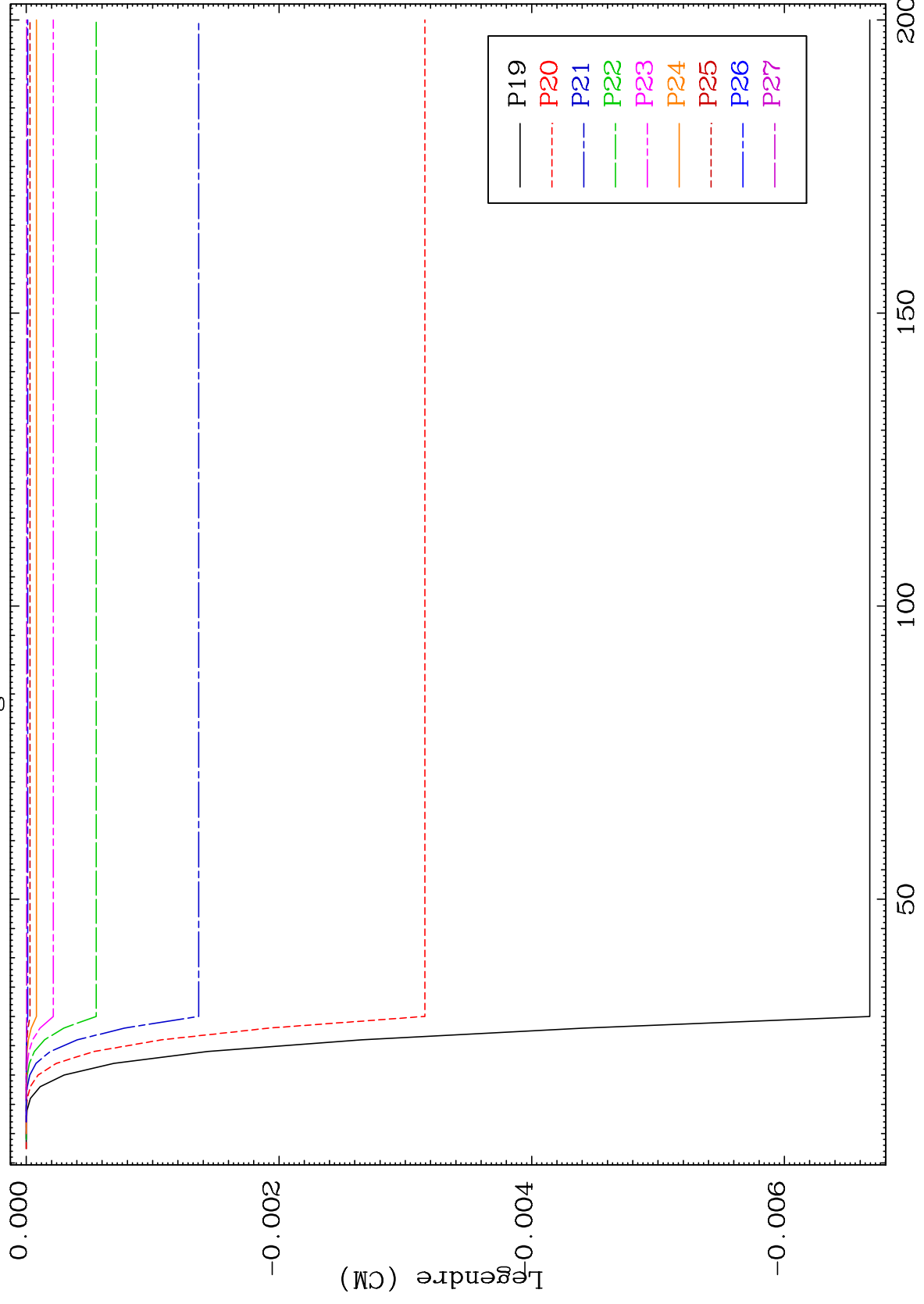


85

Incident Energy (MeV)

42-Mo-102

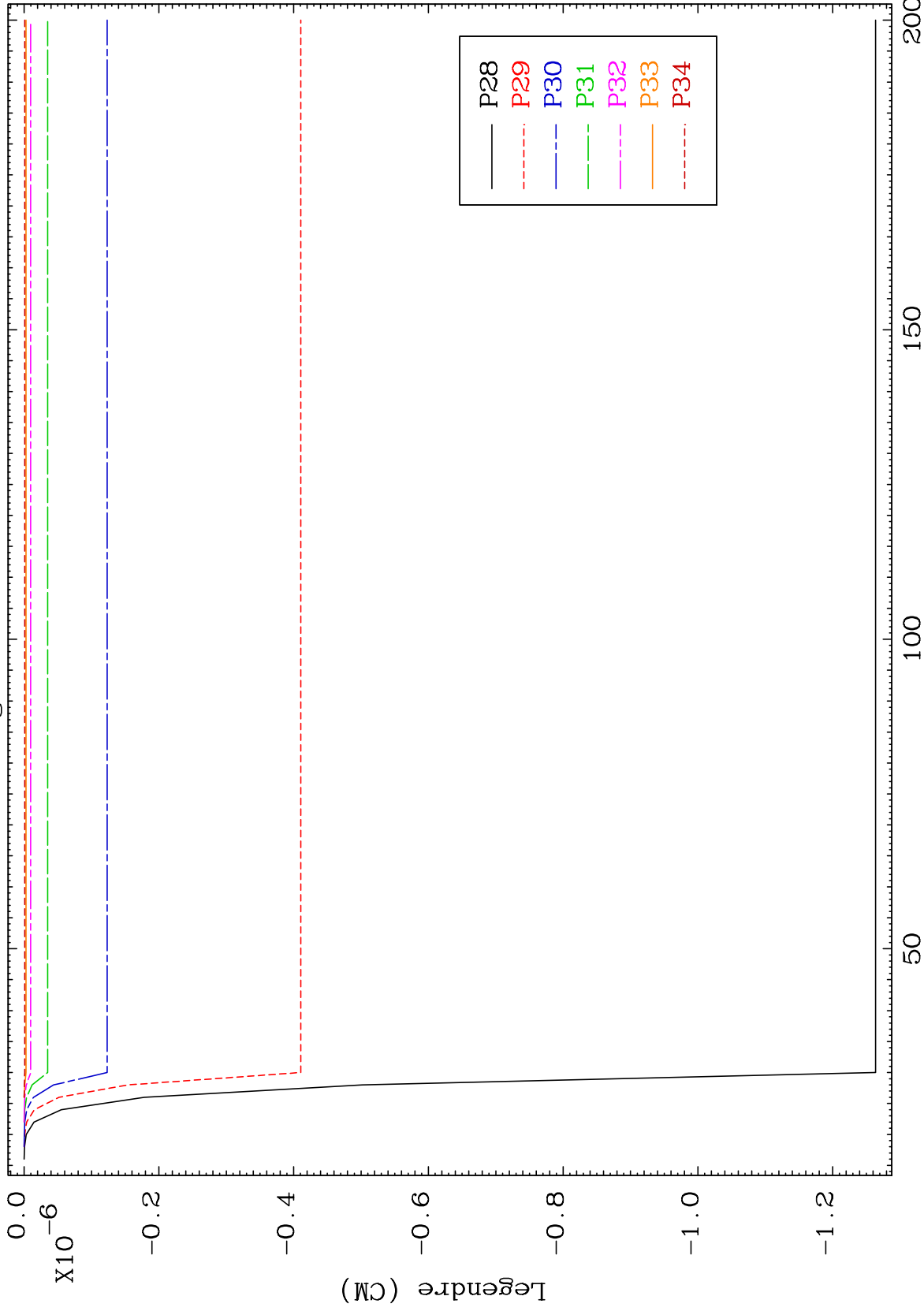
MAT 4255 MT= 68 (n,n') Level Legendre Coefficients 42-Mo-102



MAT 4255

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

42-Mo-102



87

Incident Energy (MeV)

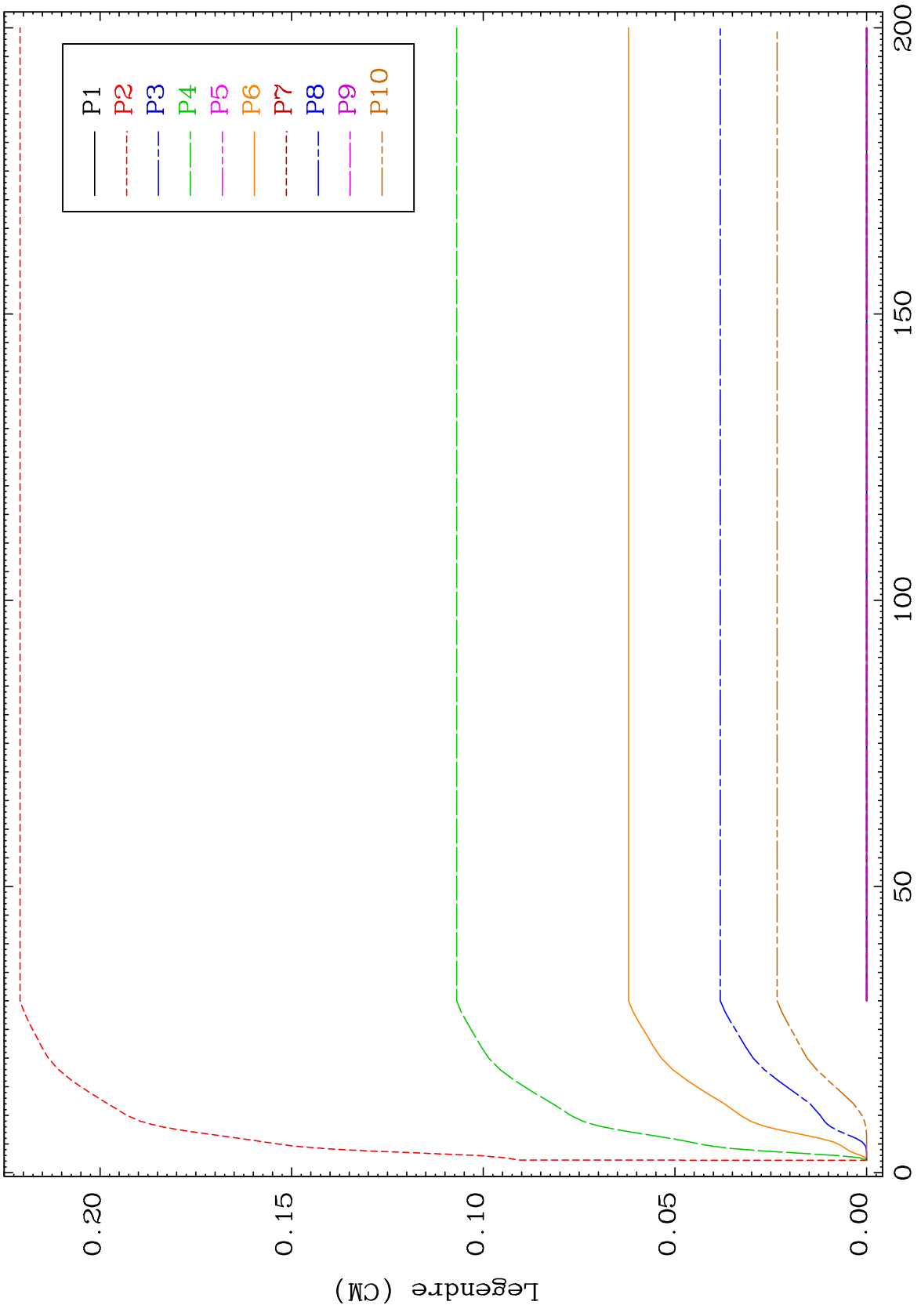
42-Mo-102



MAT 4255

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

42-Mo-102



88

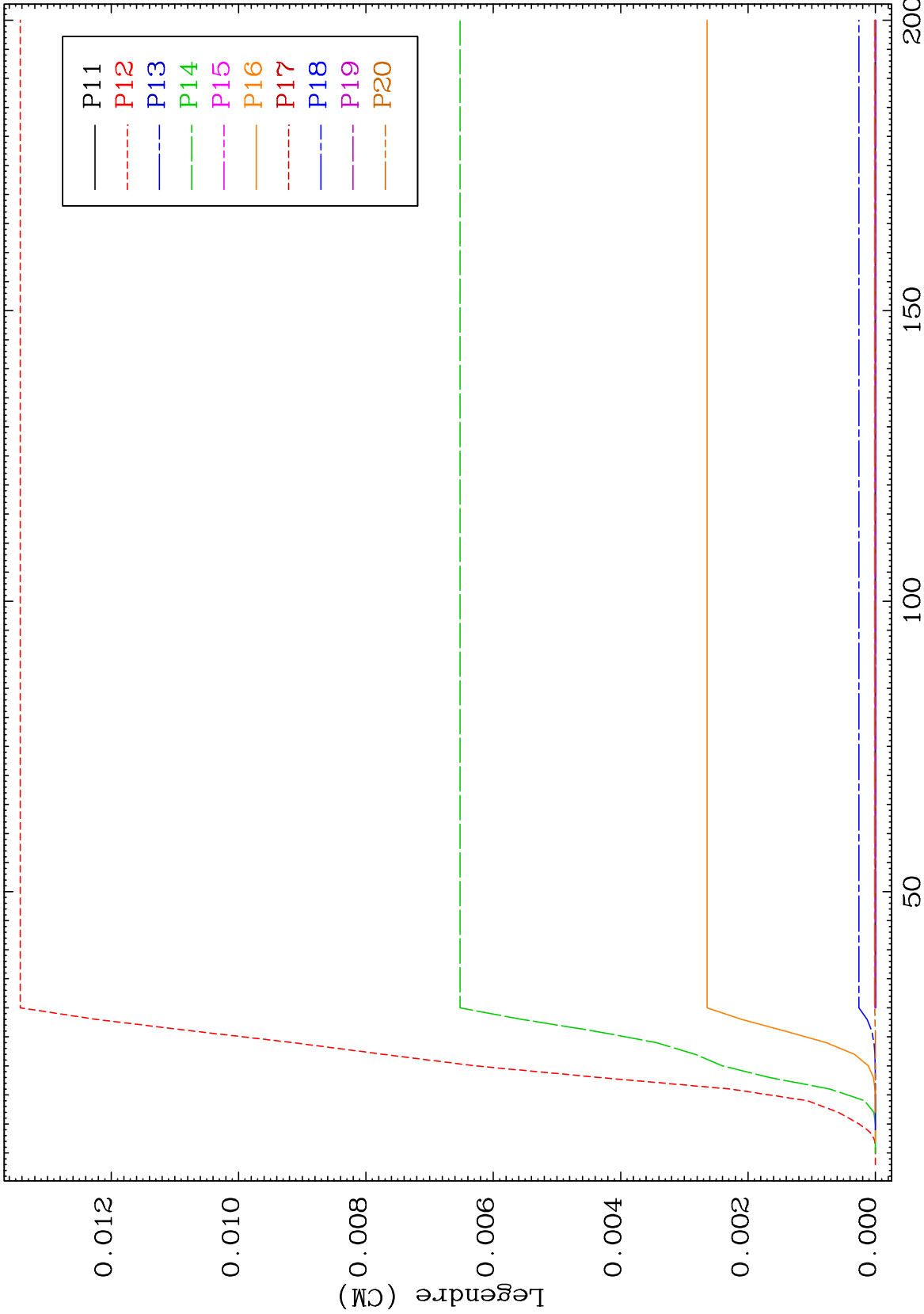
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102

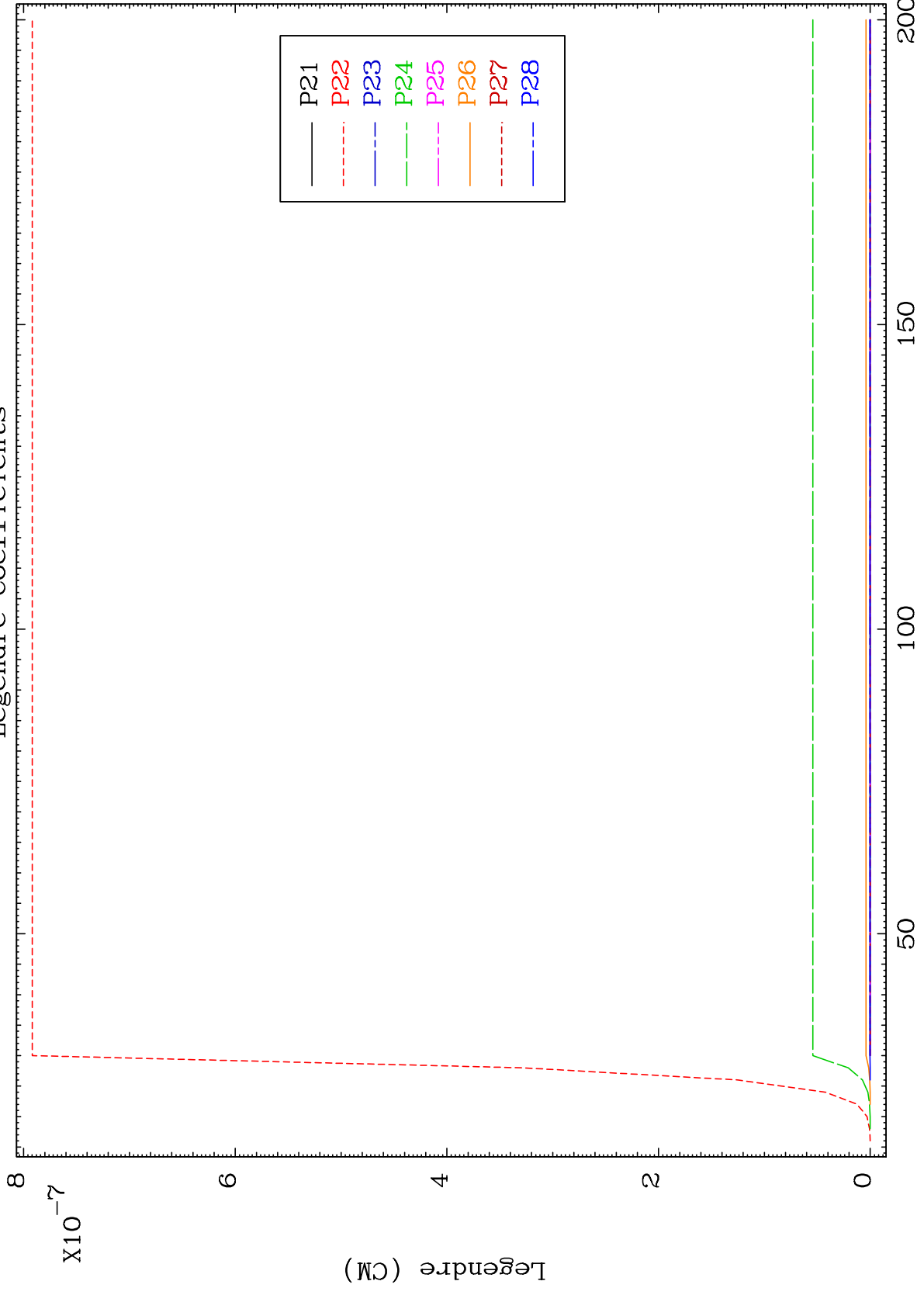


89

Incident Energy (MeV)

42-Mo-102

MAT 4255 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-102

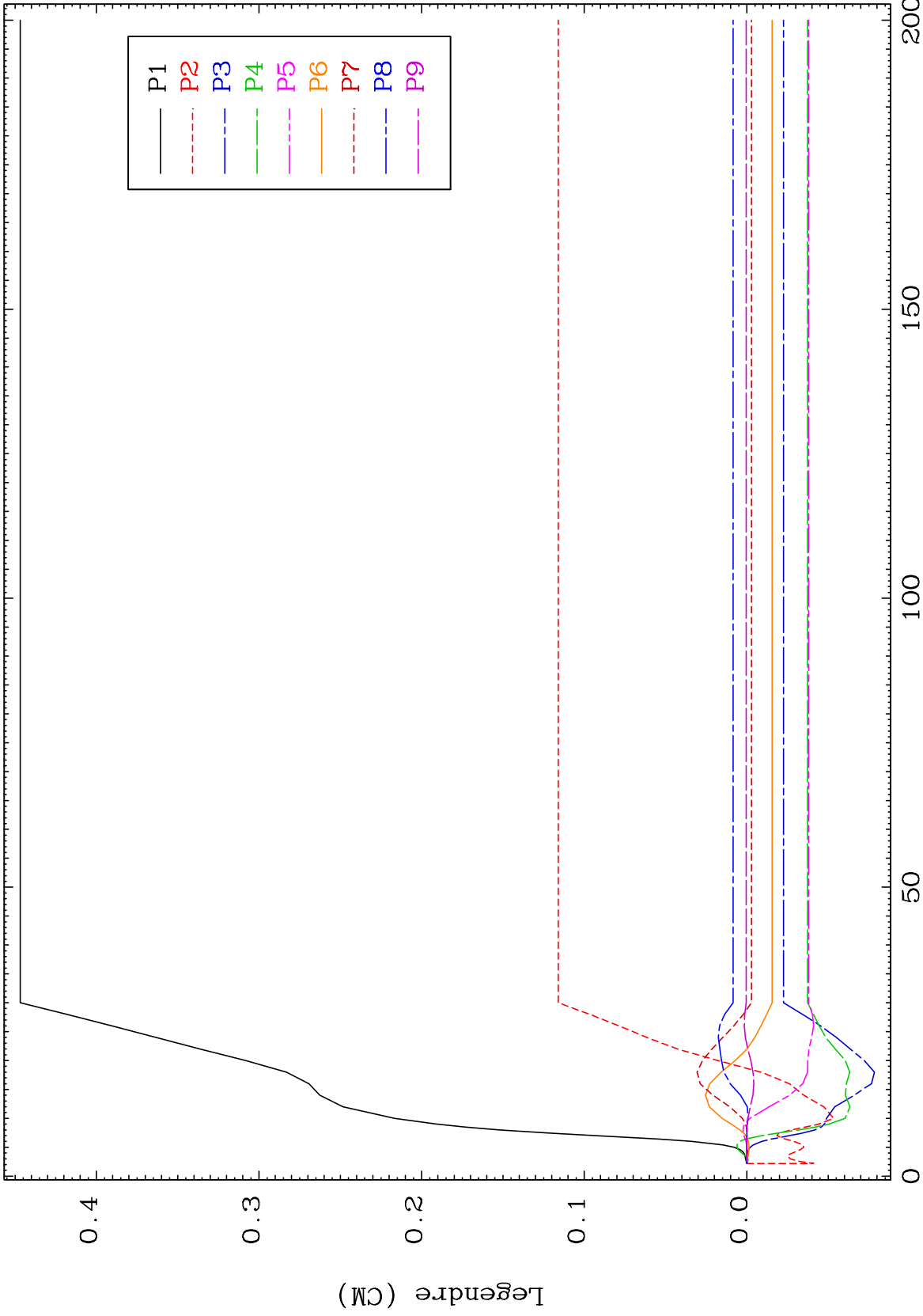


42-Mo-102

MAT 4255

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

42-Mo-102



91

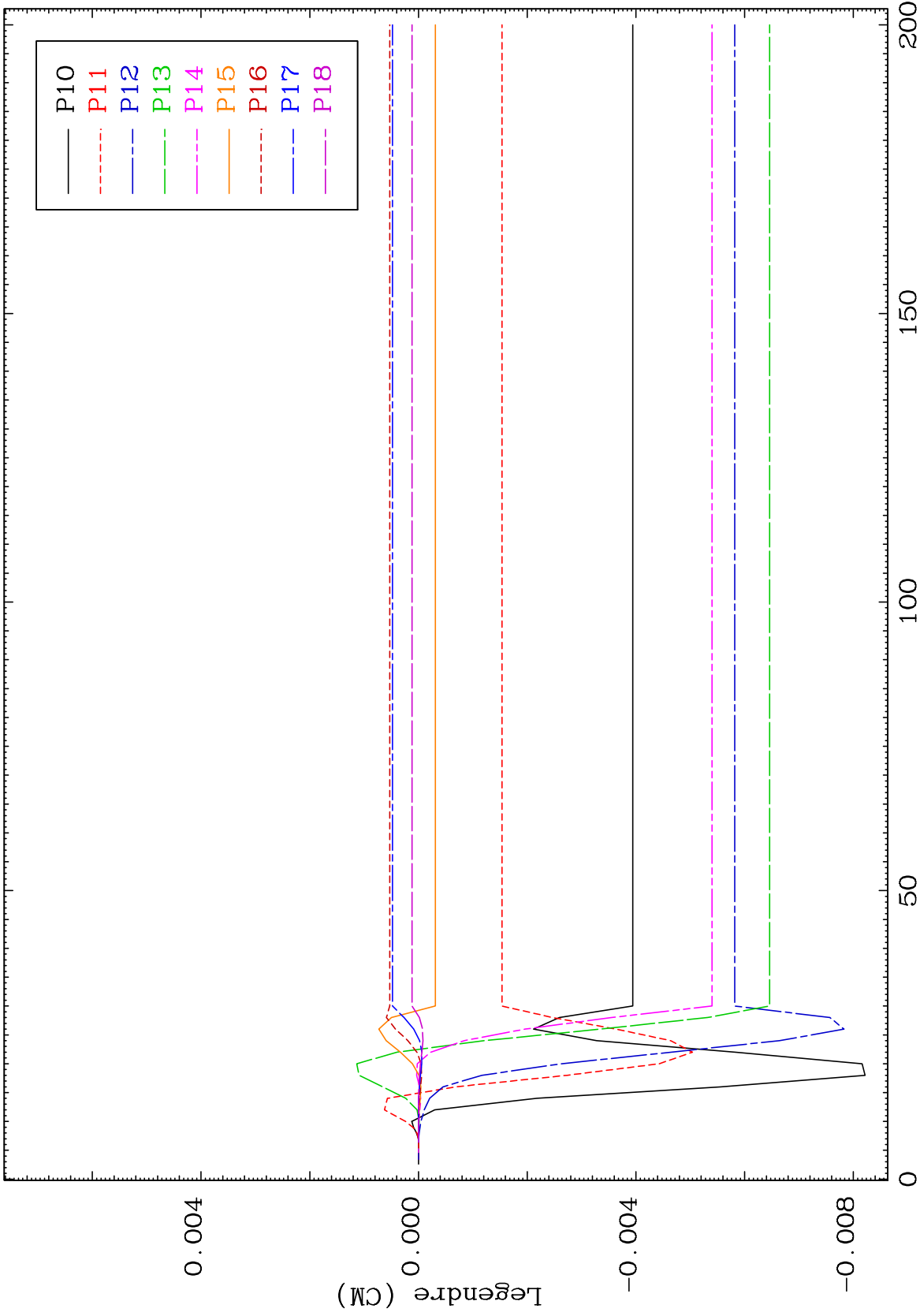
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



92

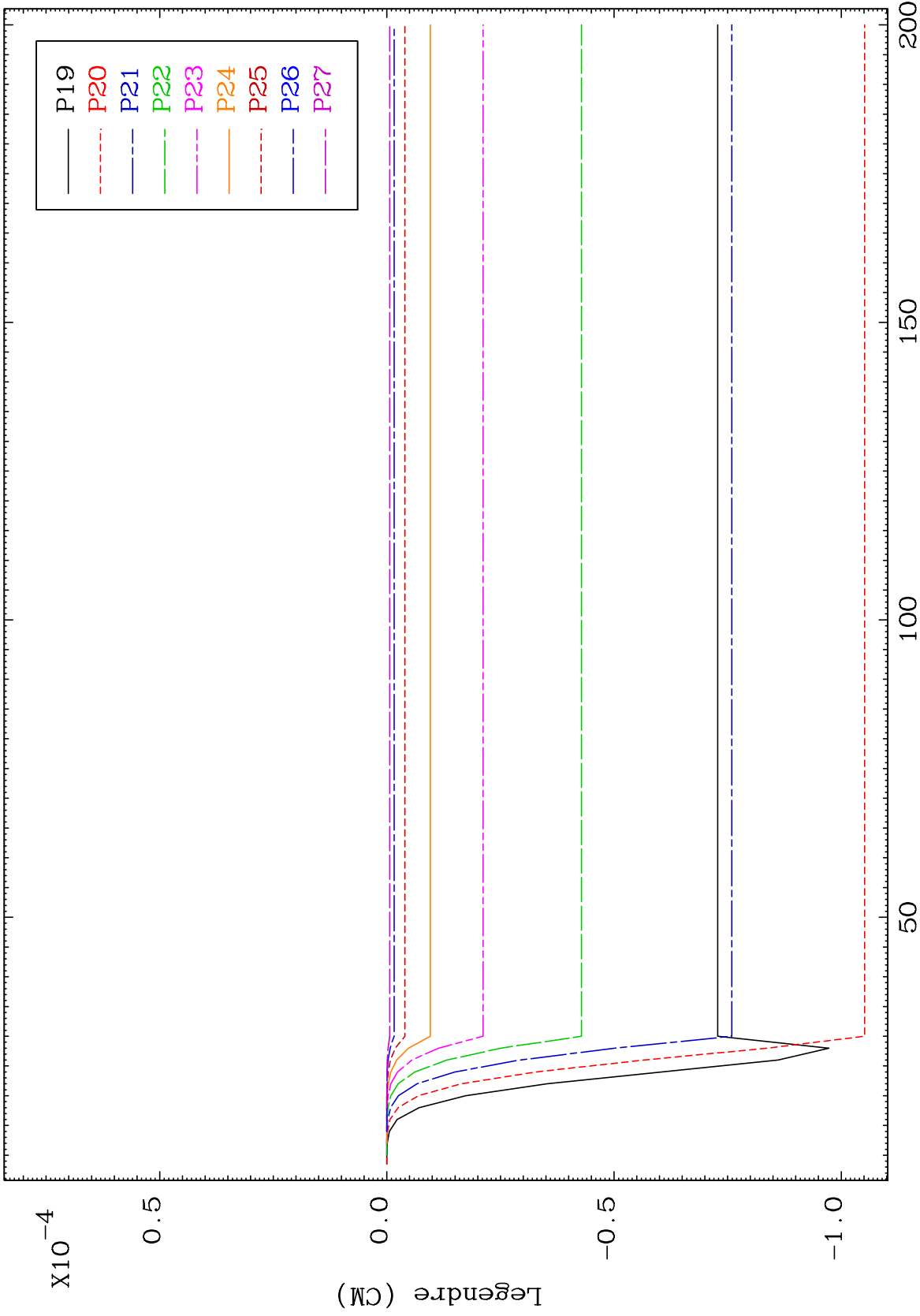
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



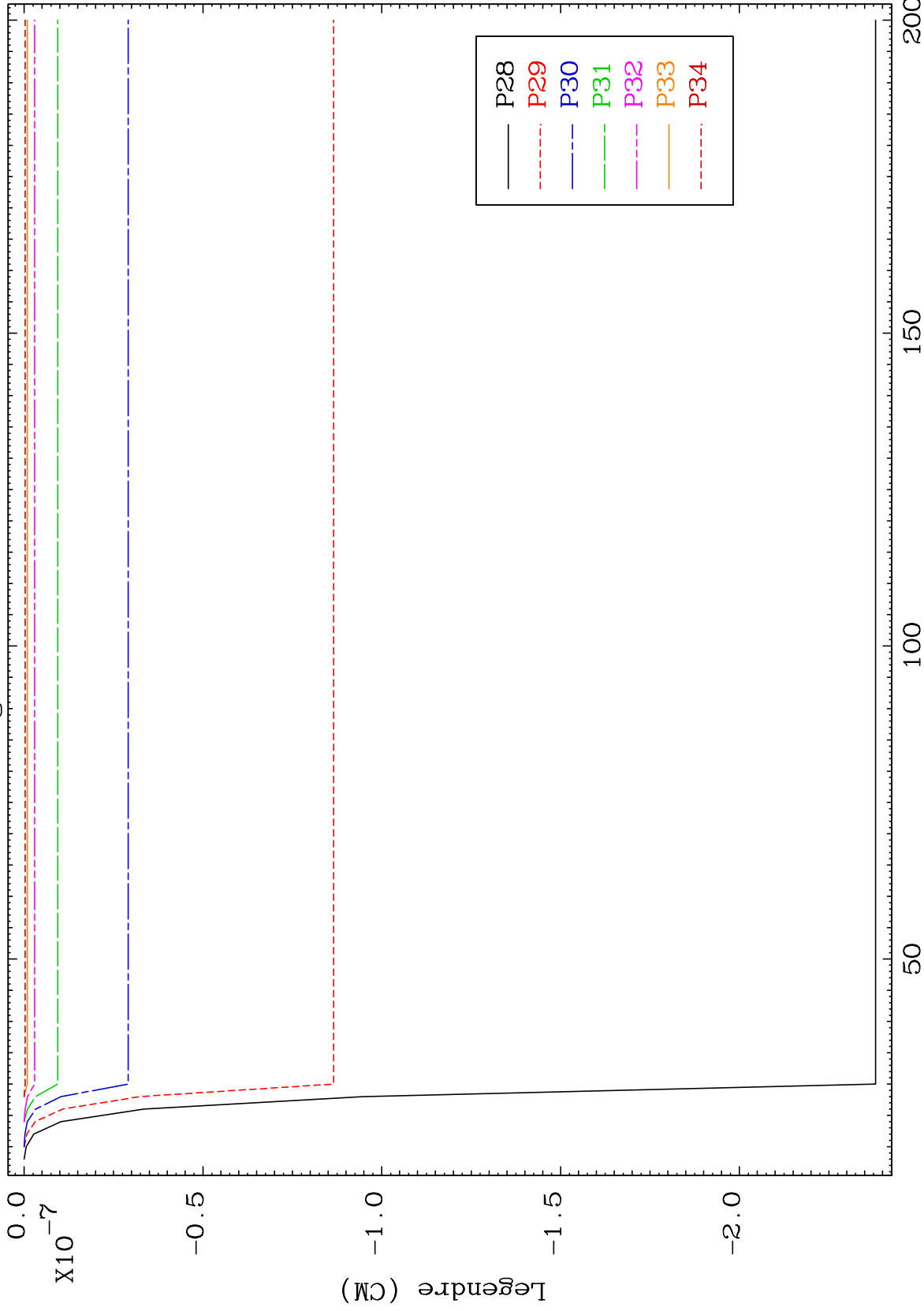
93

42-Mo-102

MAT 4255

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

42-Mo-102



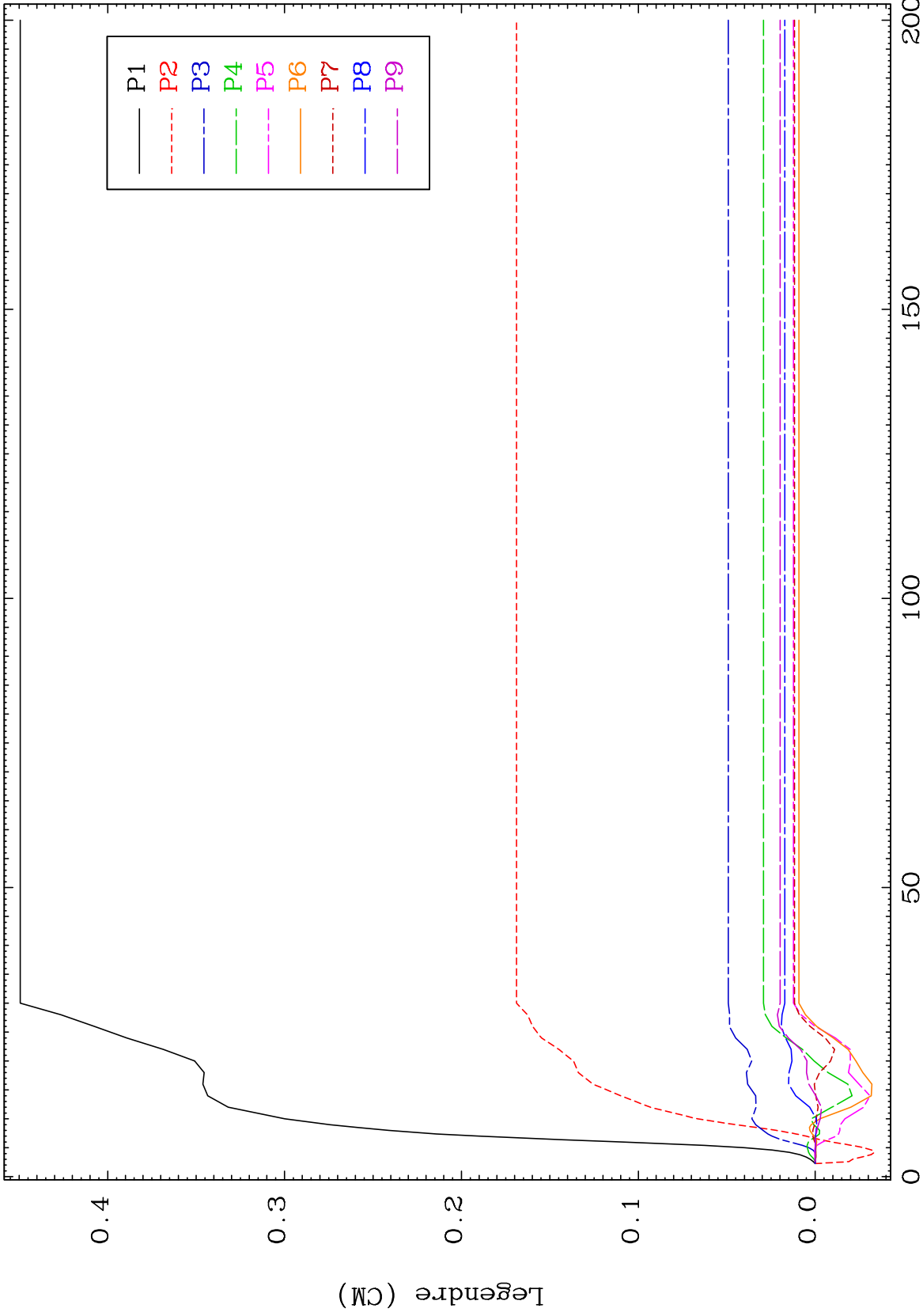
94

42-Mo-102

MAT 4255

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

42-Mo-102



95

Incident Energy (MeV)

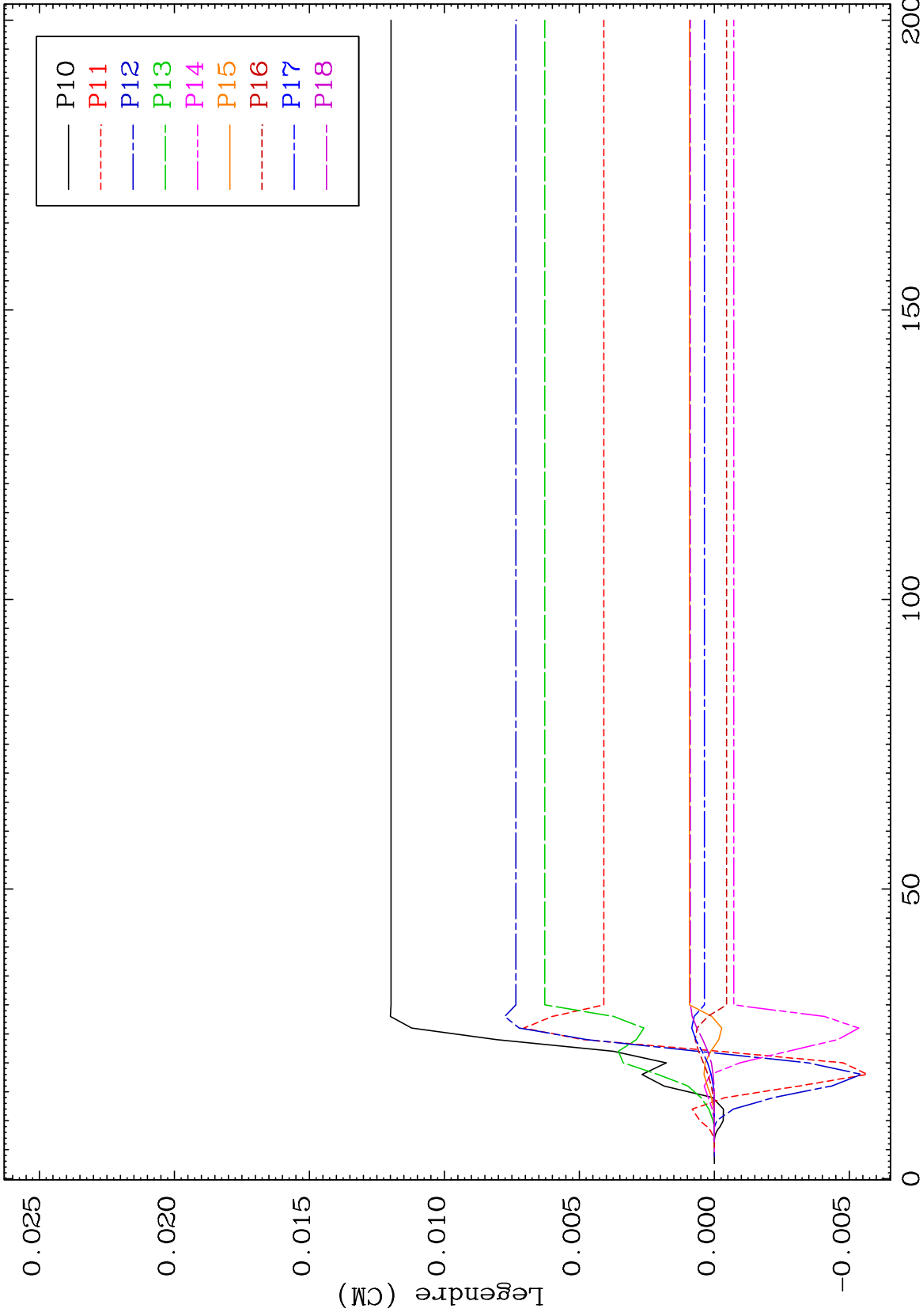
42-Mo-102



MAT 4255

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

42-Mo-102



96

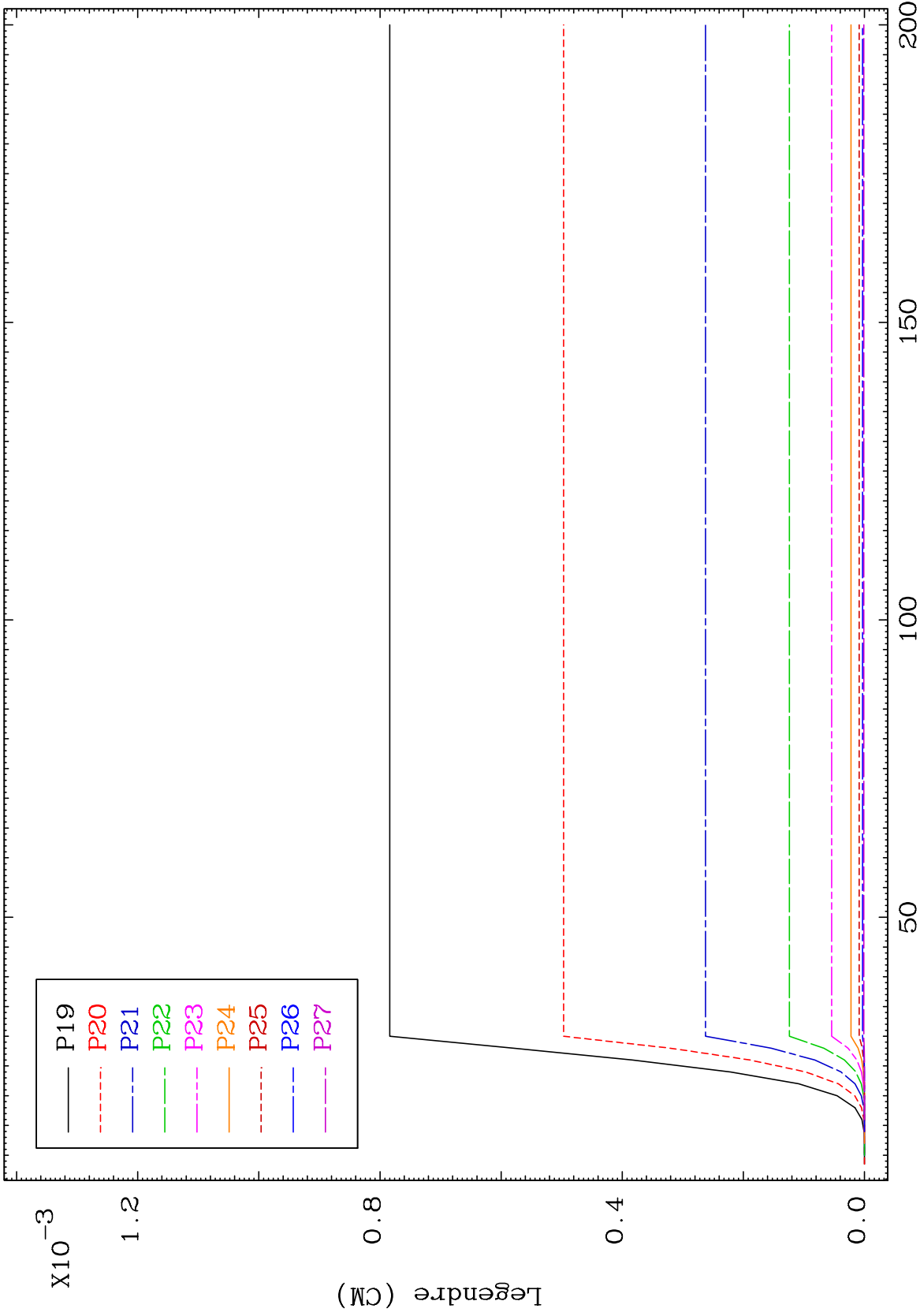
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



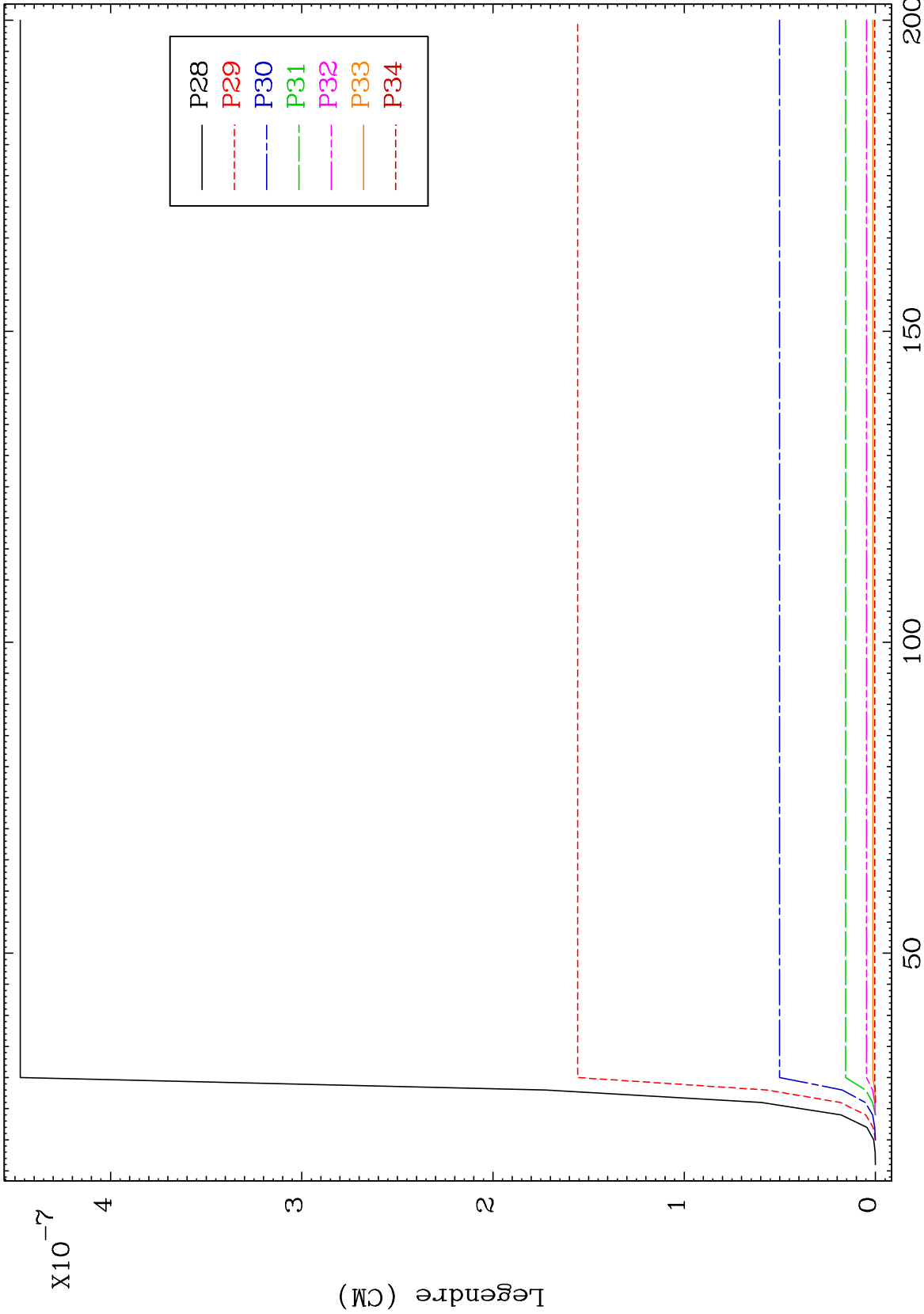
97

42-Mo-102

MAT 4255

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

42-Mo-102



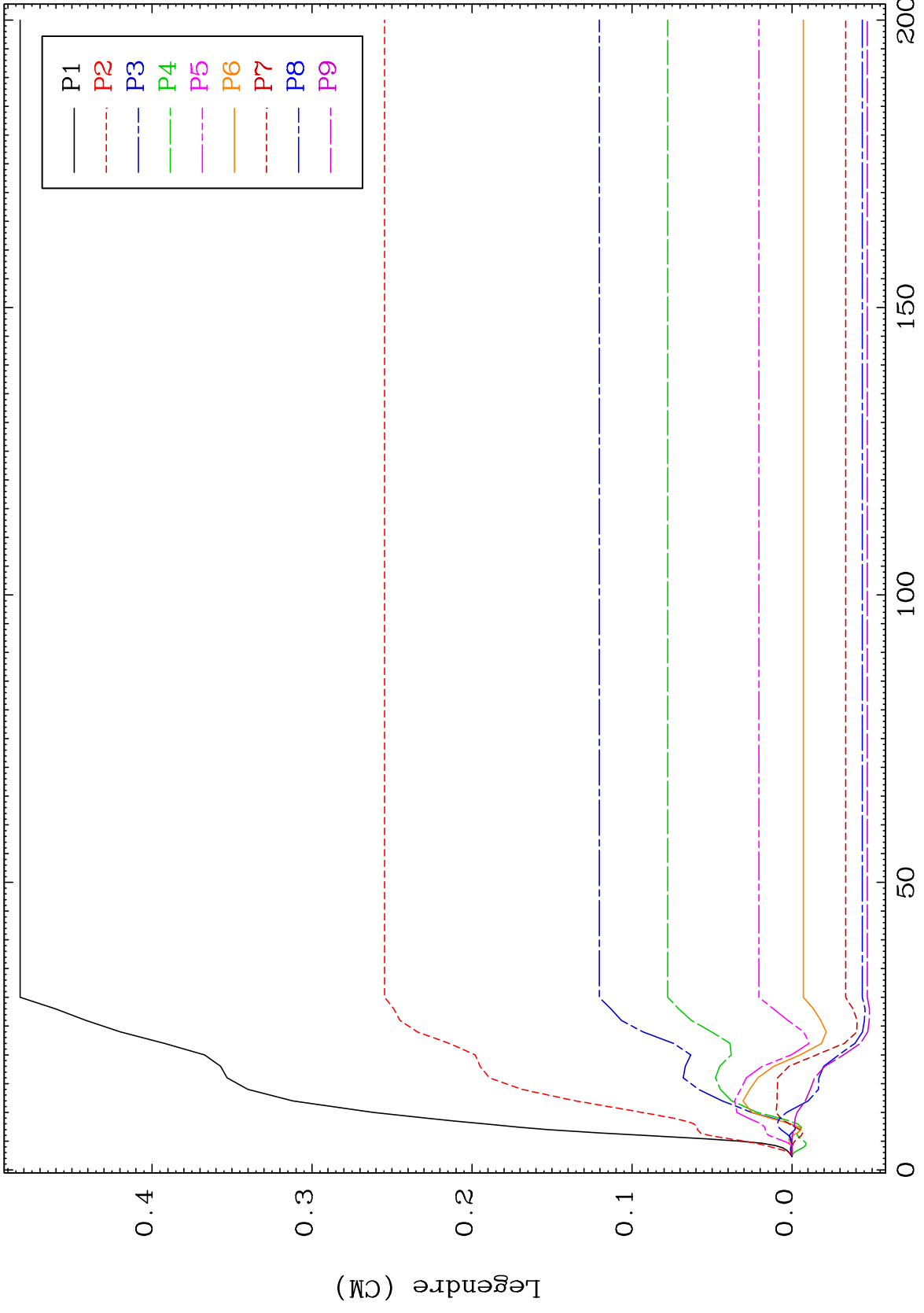
98

42-Mo-102

MAT 4255

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

42-Mo-102



99

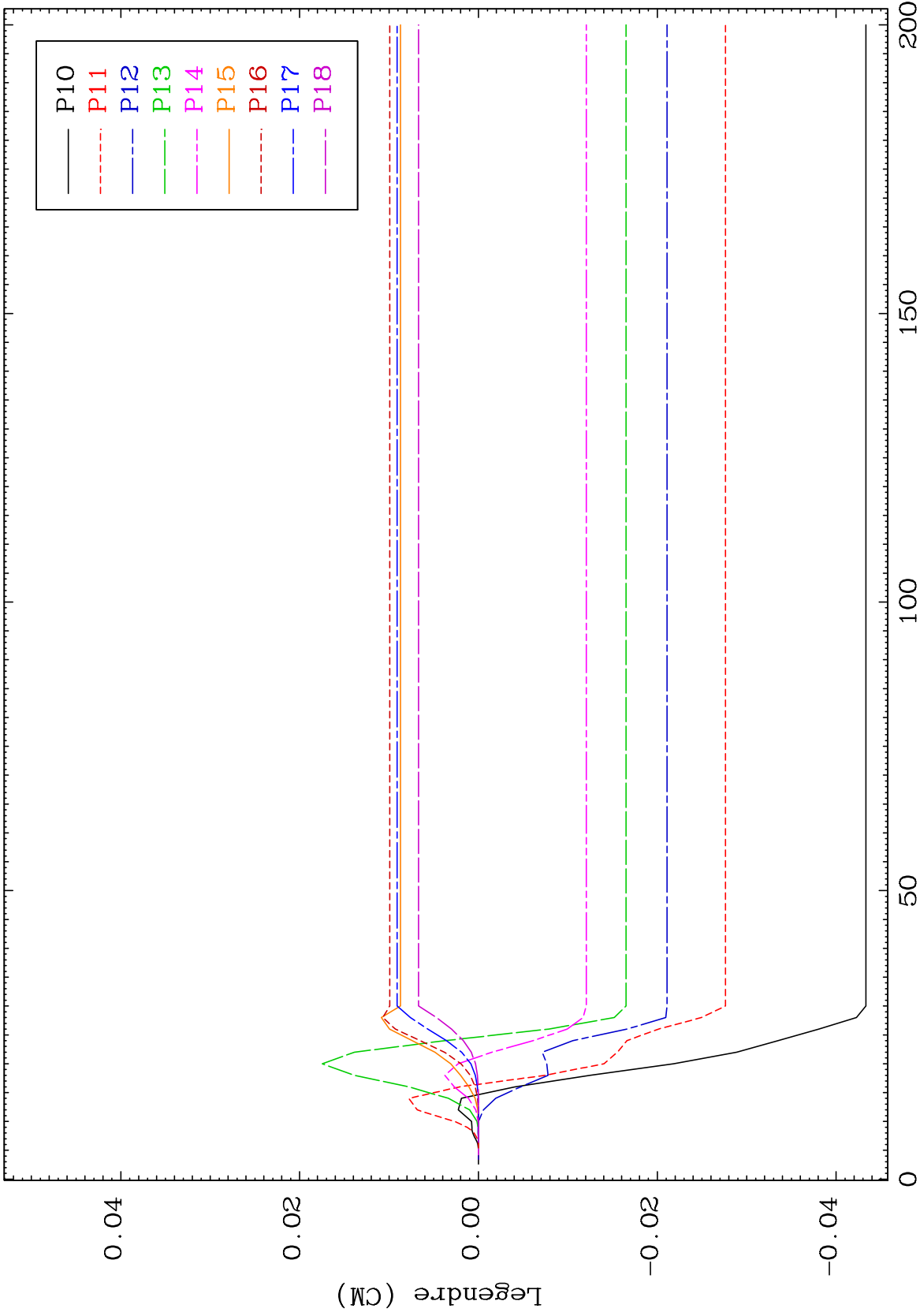
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



42-Mo-102

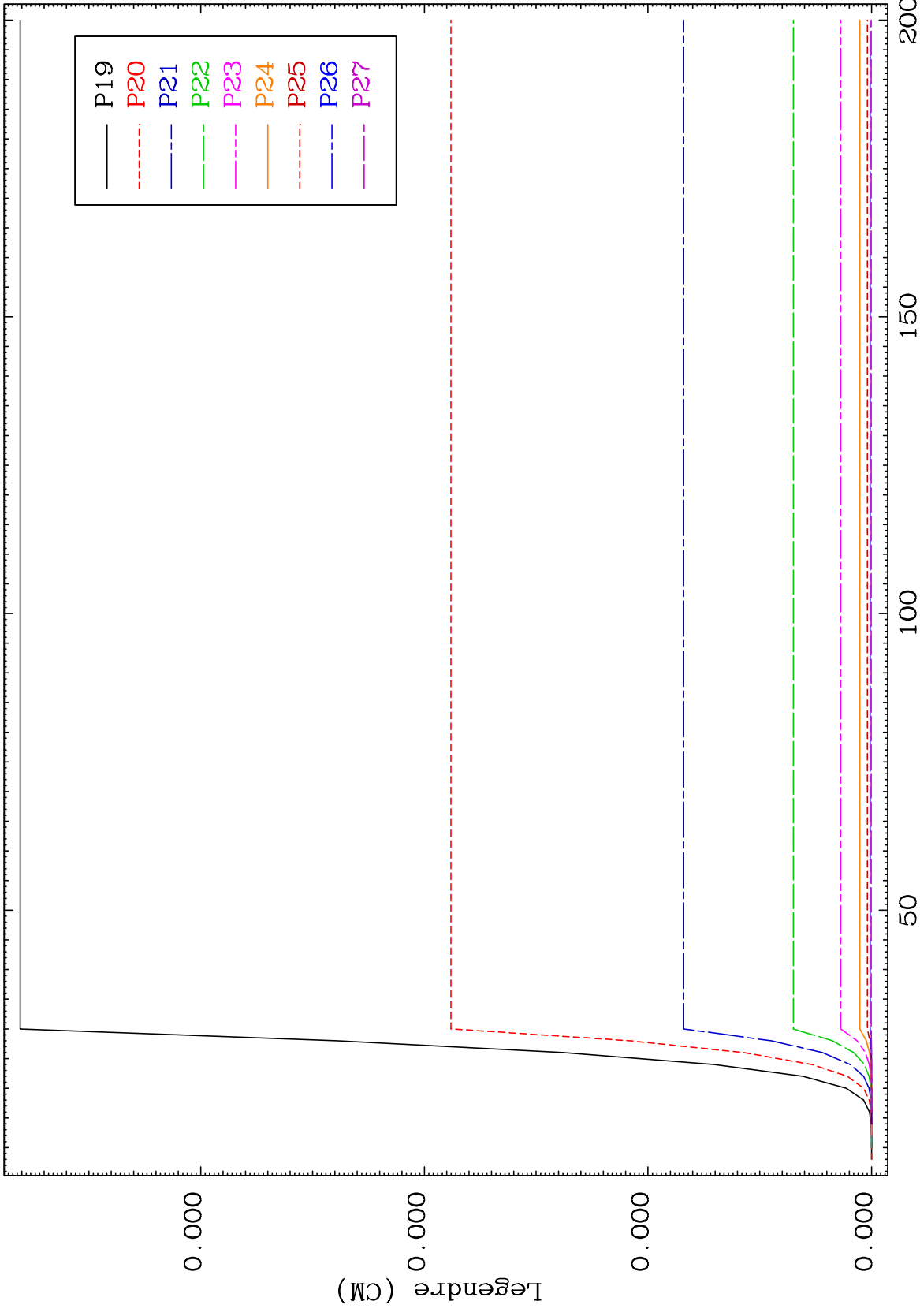
Incident Energy (MeV)

100

MAT 4255

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

42-Mo-102



101

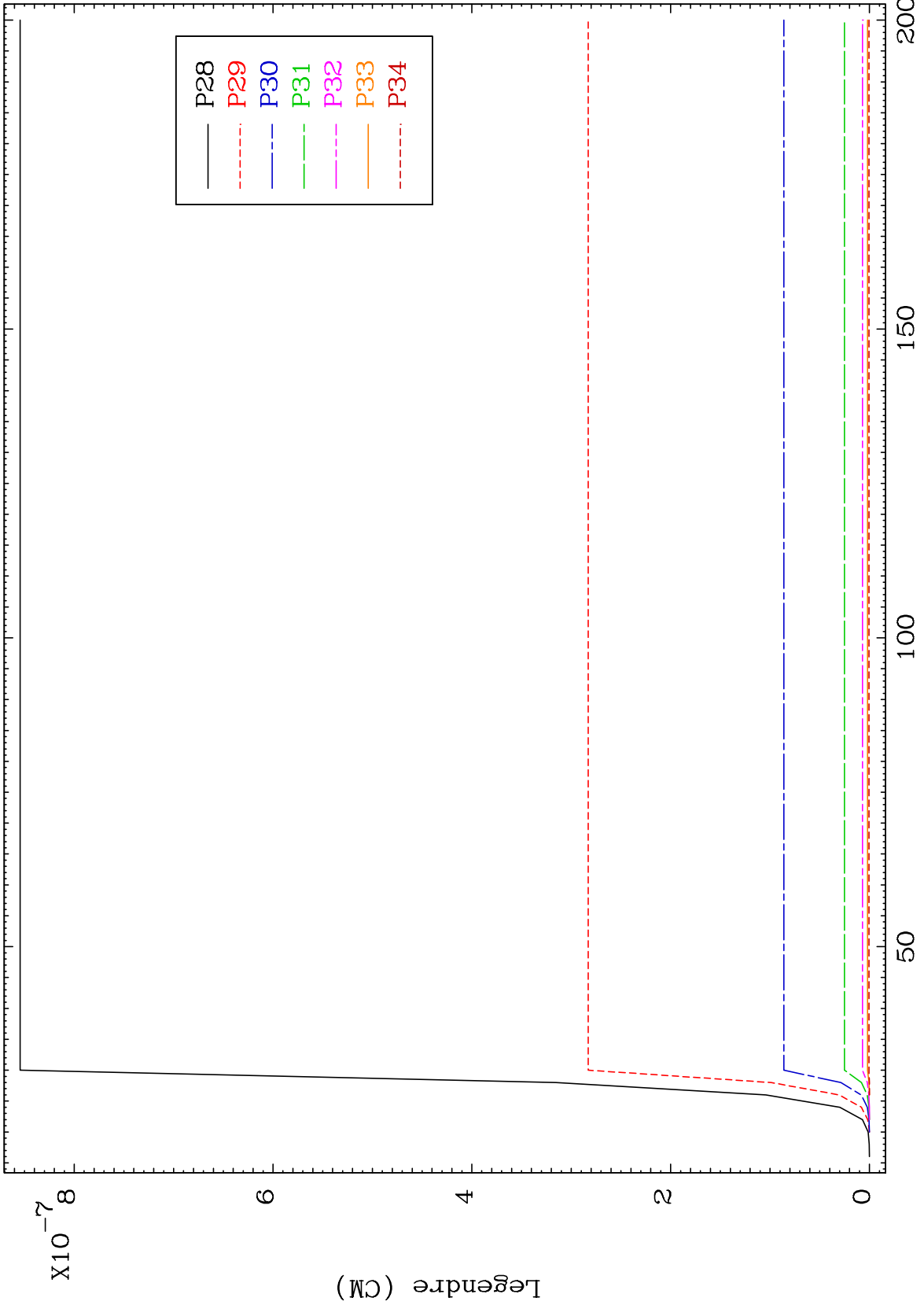
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



102

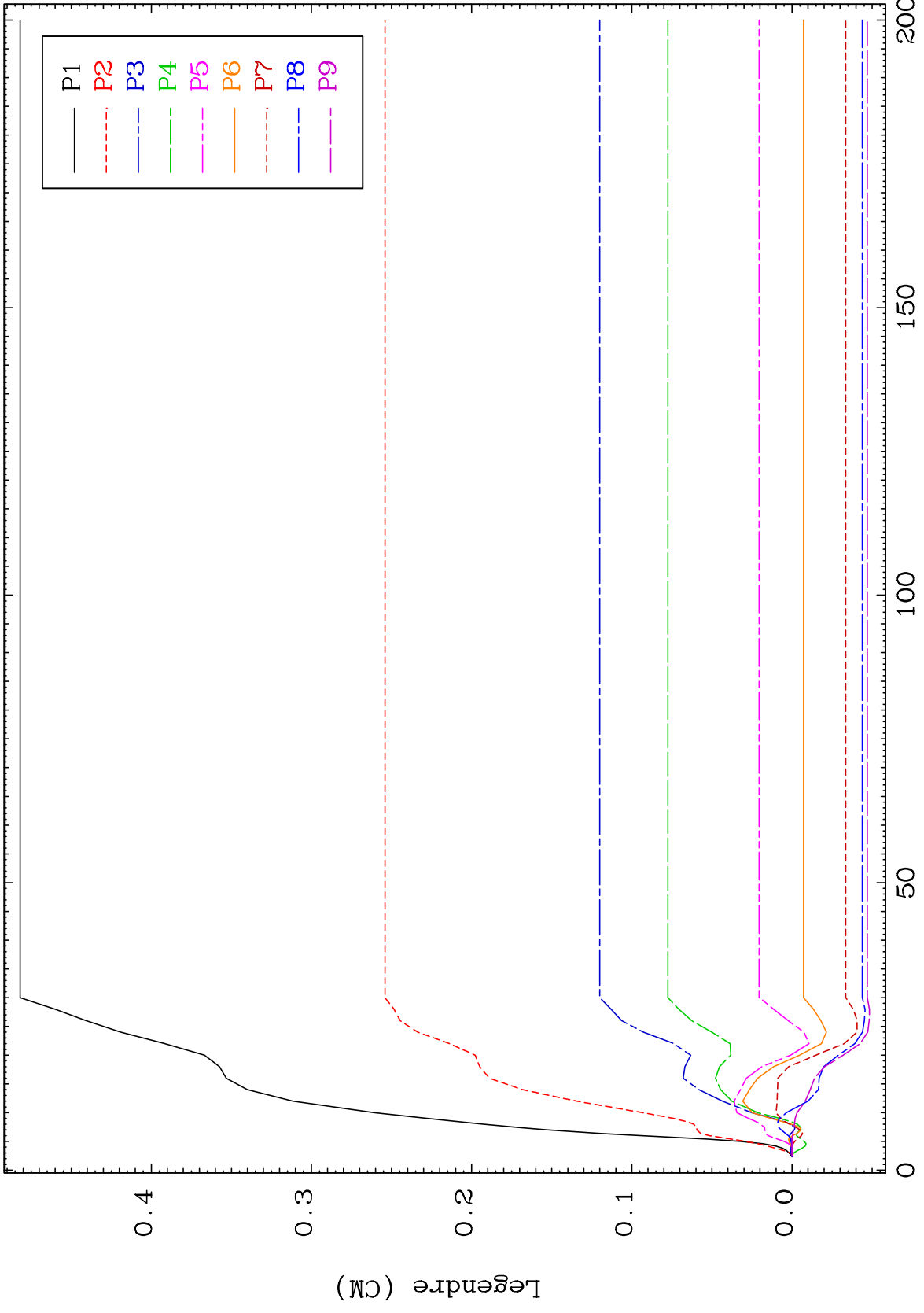
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



103

Incident Energy (MeV)

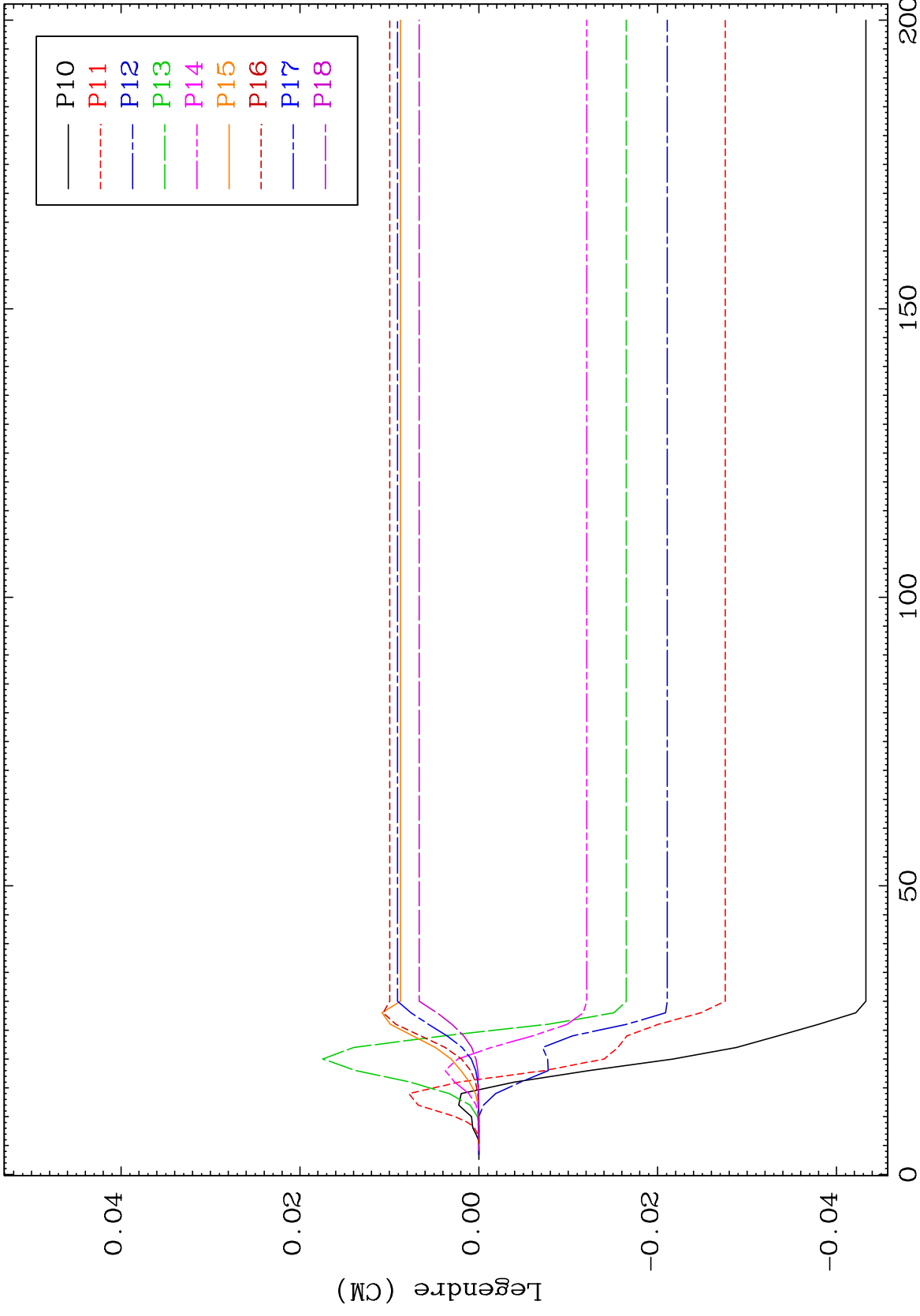
42-Mo-102



MAT 4255

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

42-Mo-102



104

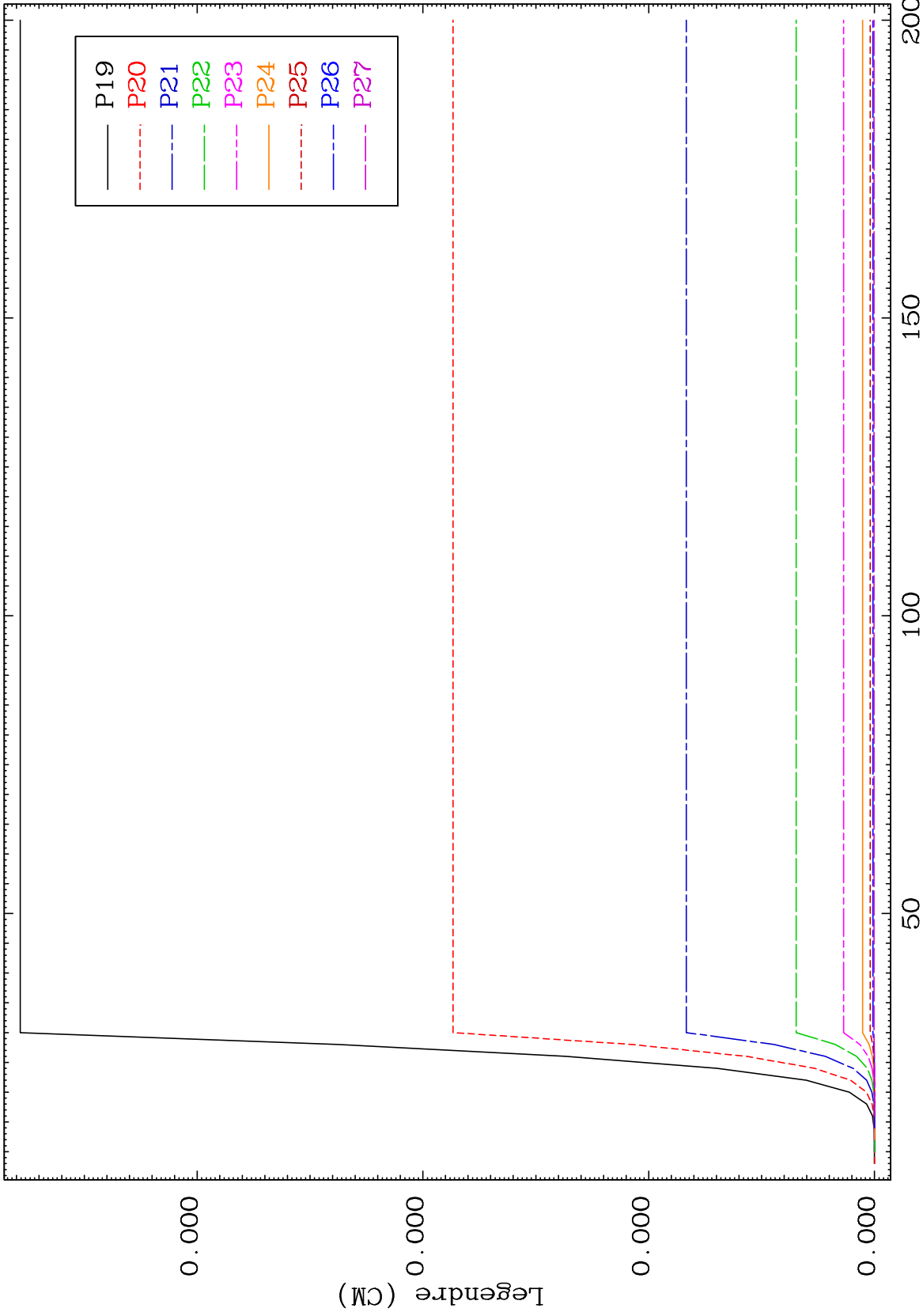
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



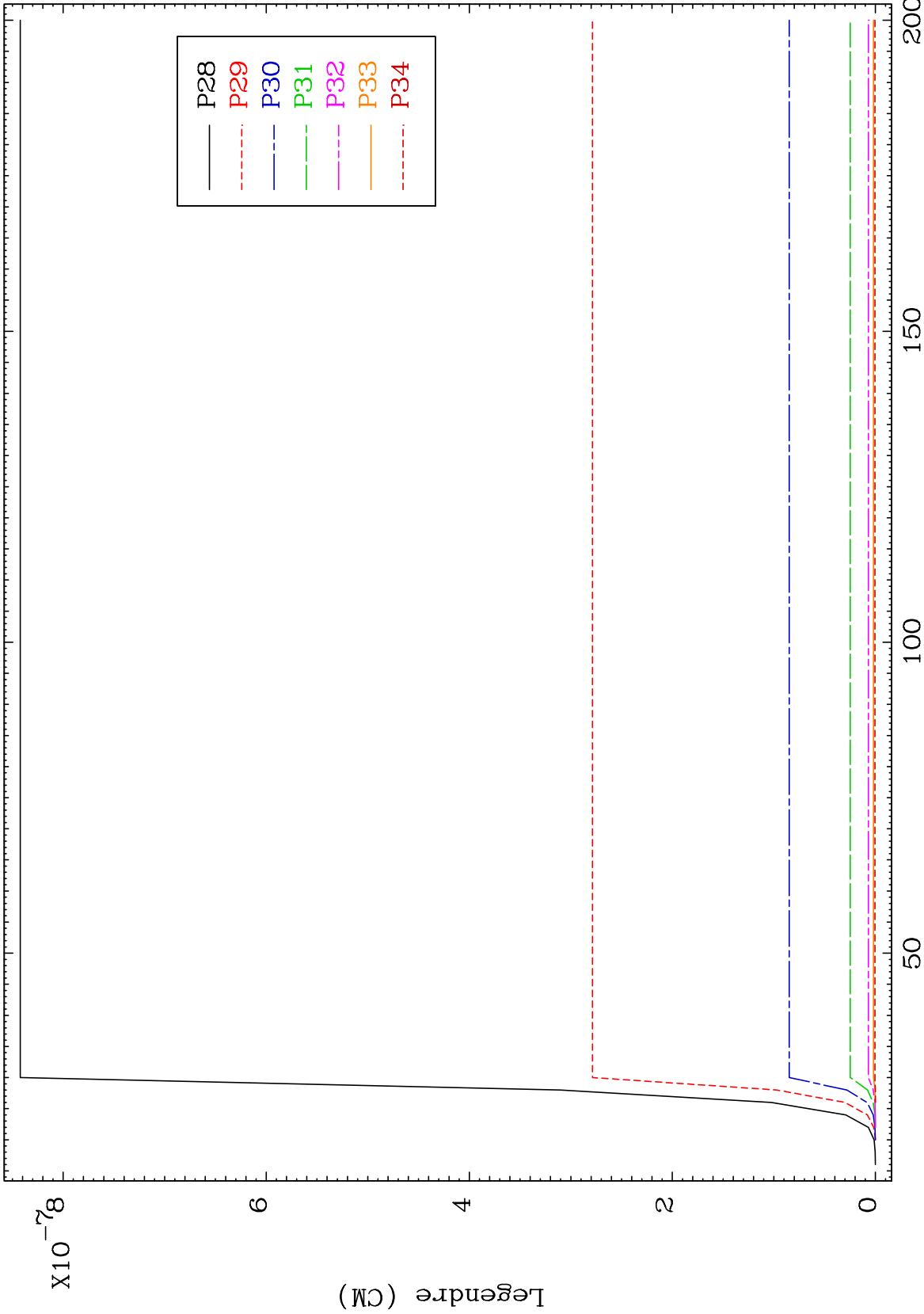
105

42-Mo-102

MAT 4255

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

42-Mo-102



106

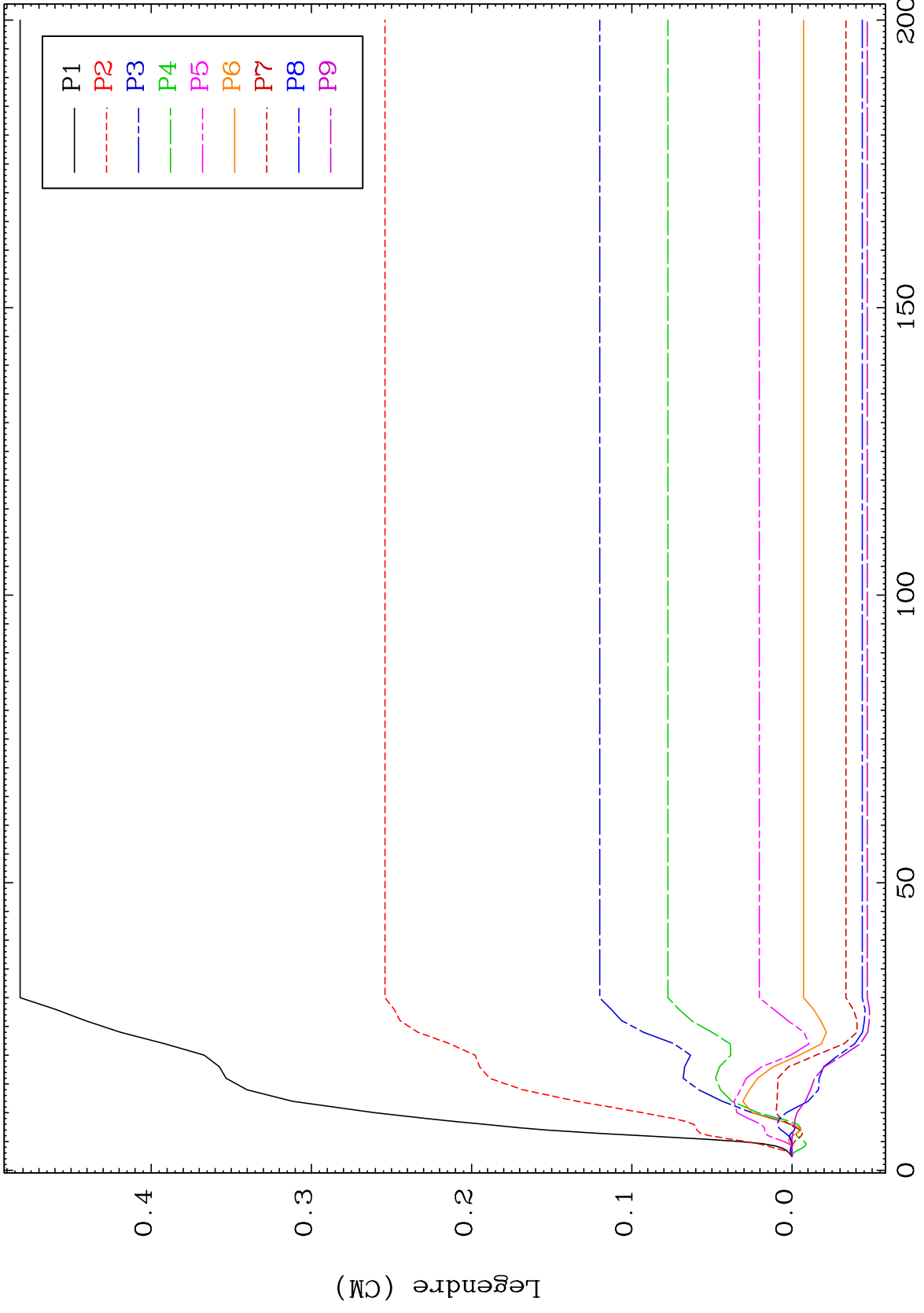
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



107

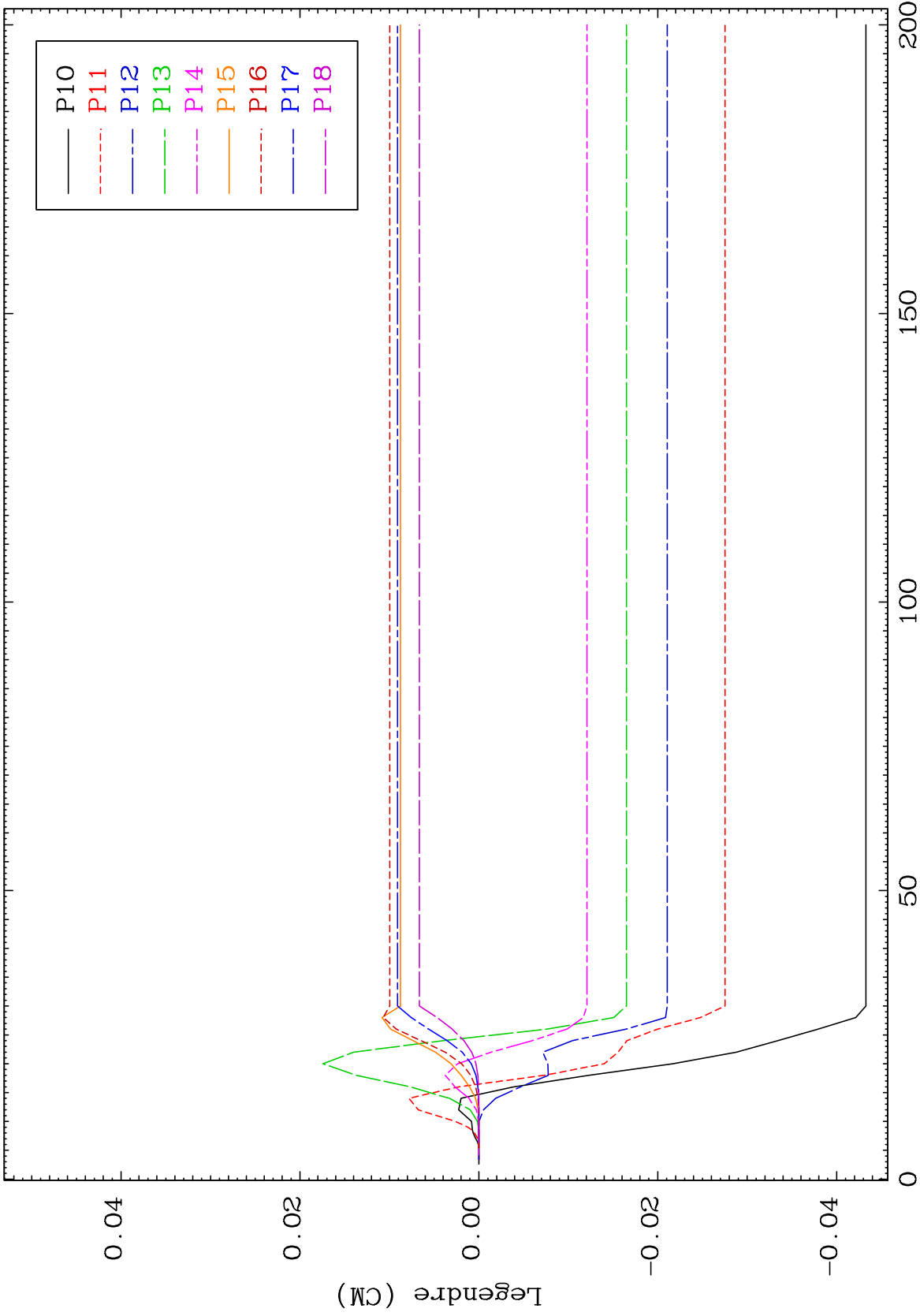
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



108

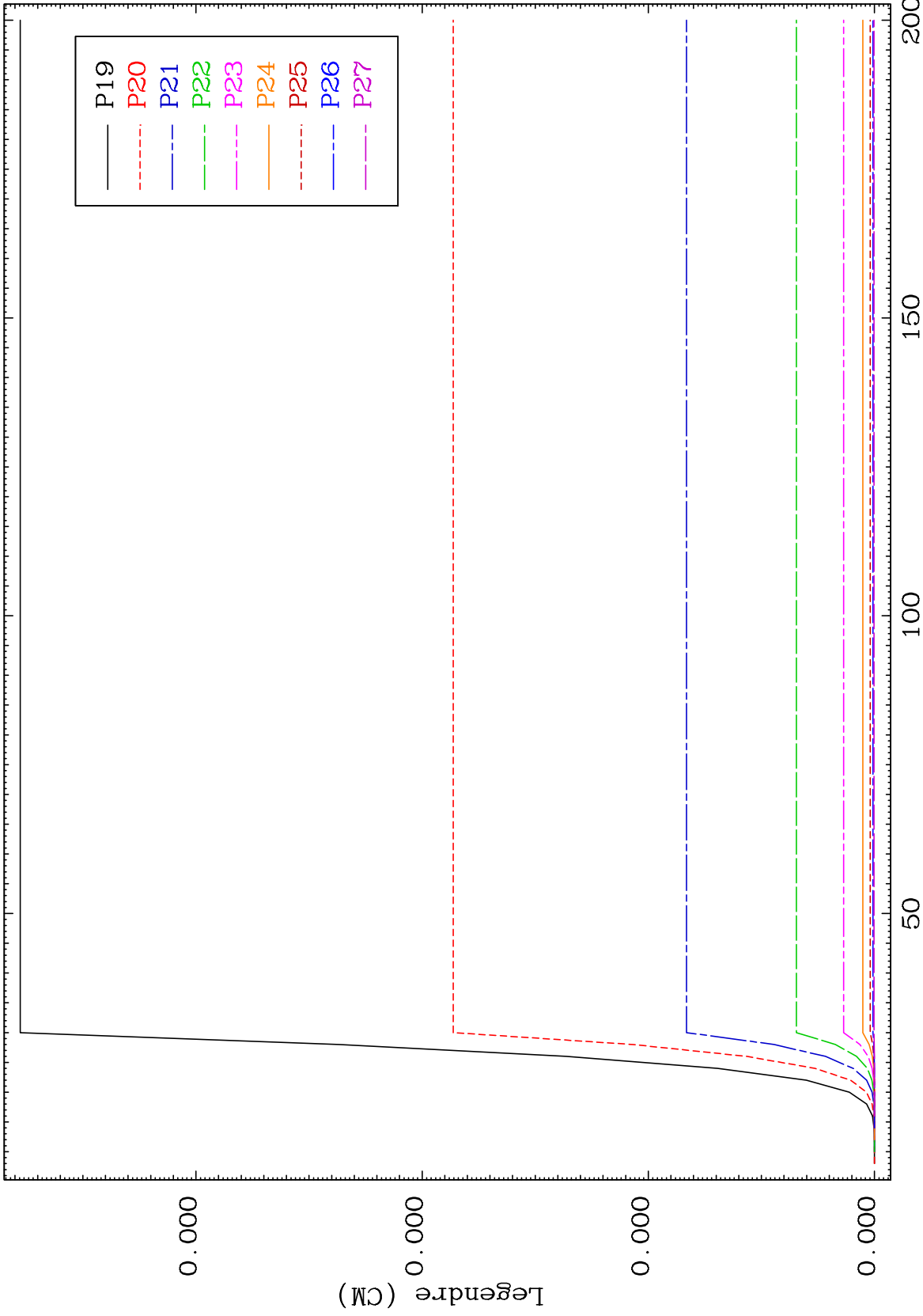
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



109

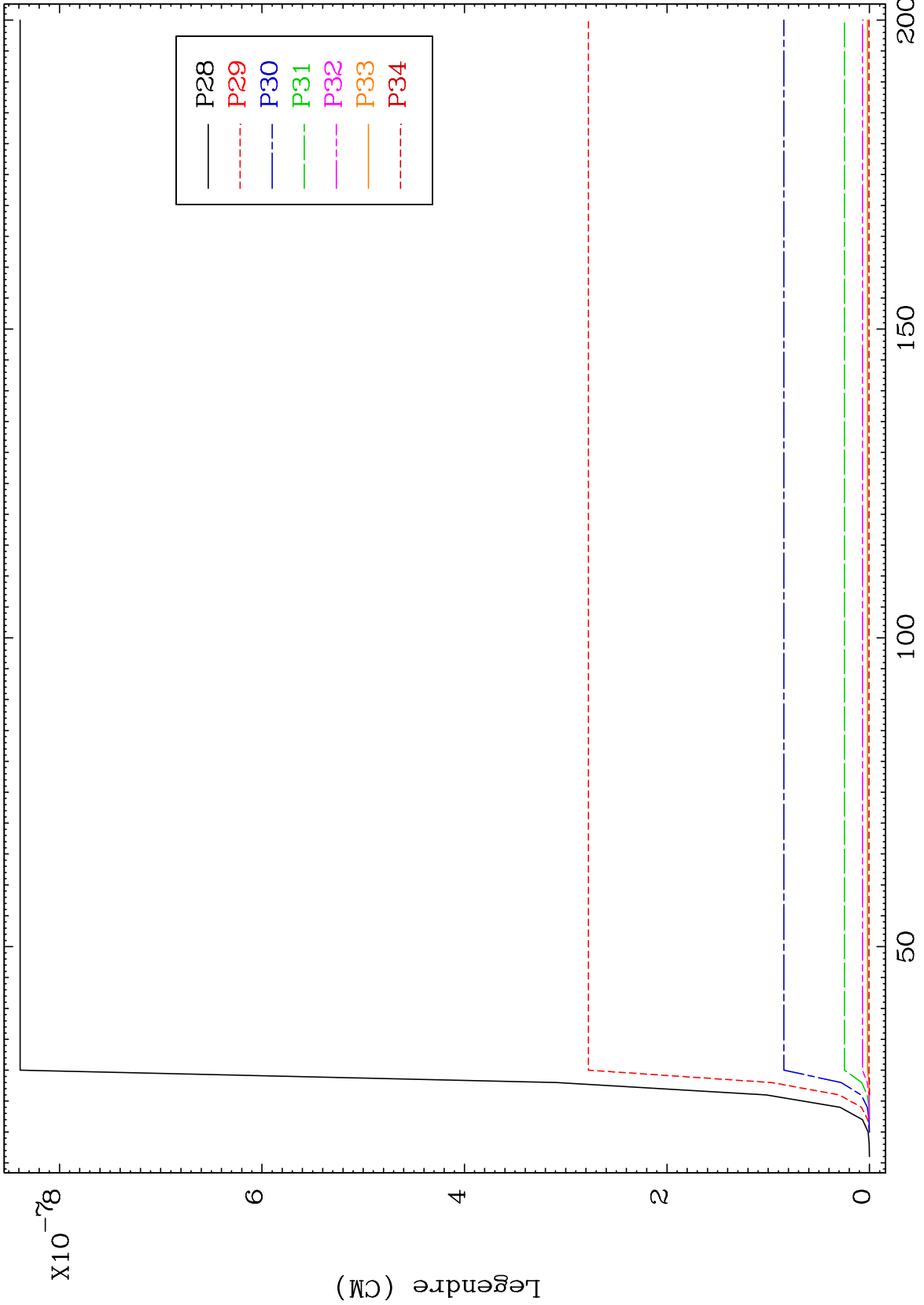
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



110

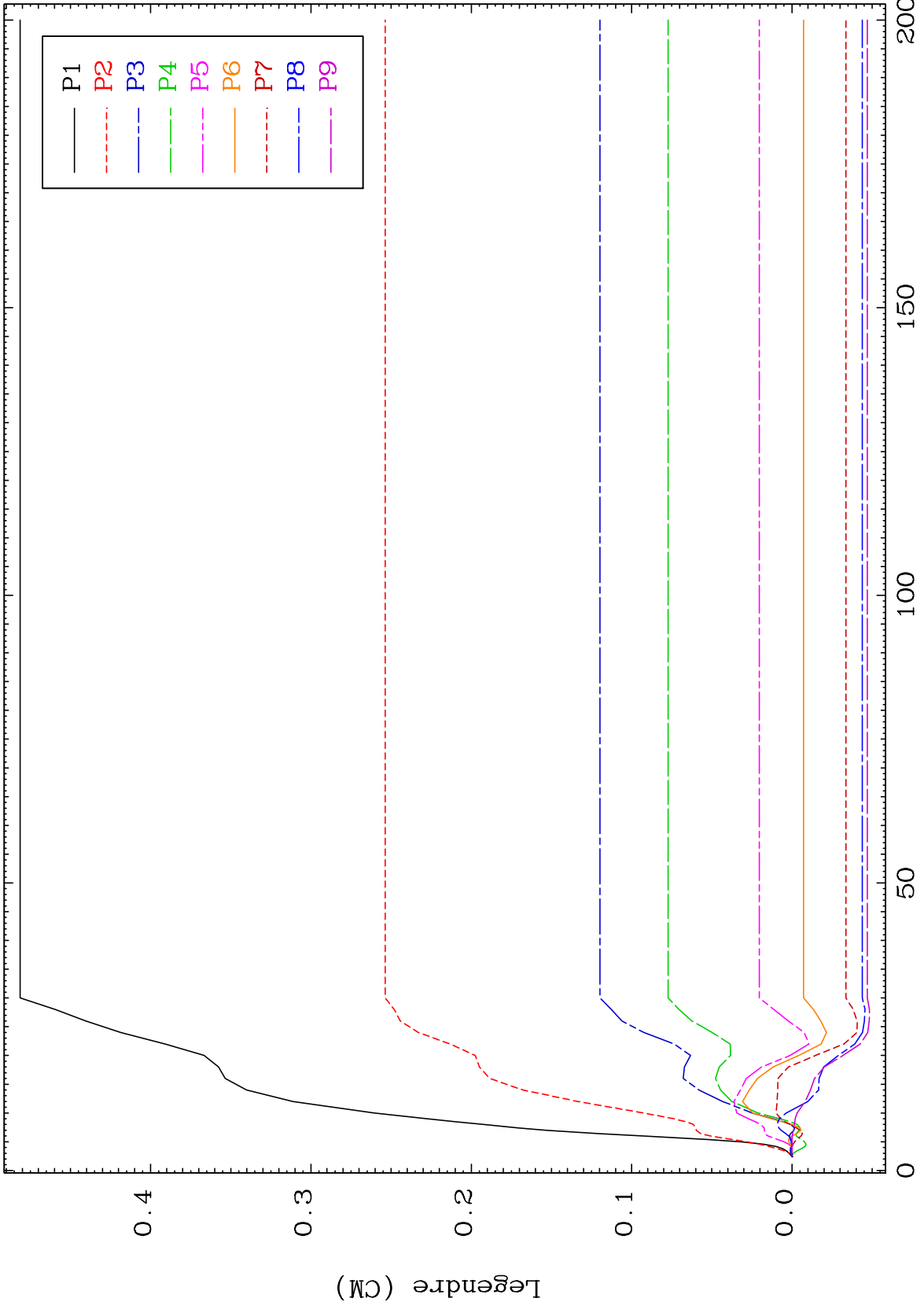
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



111

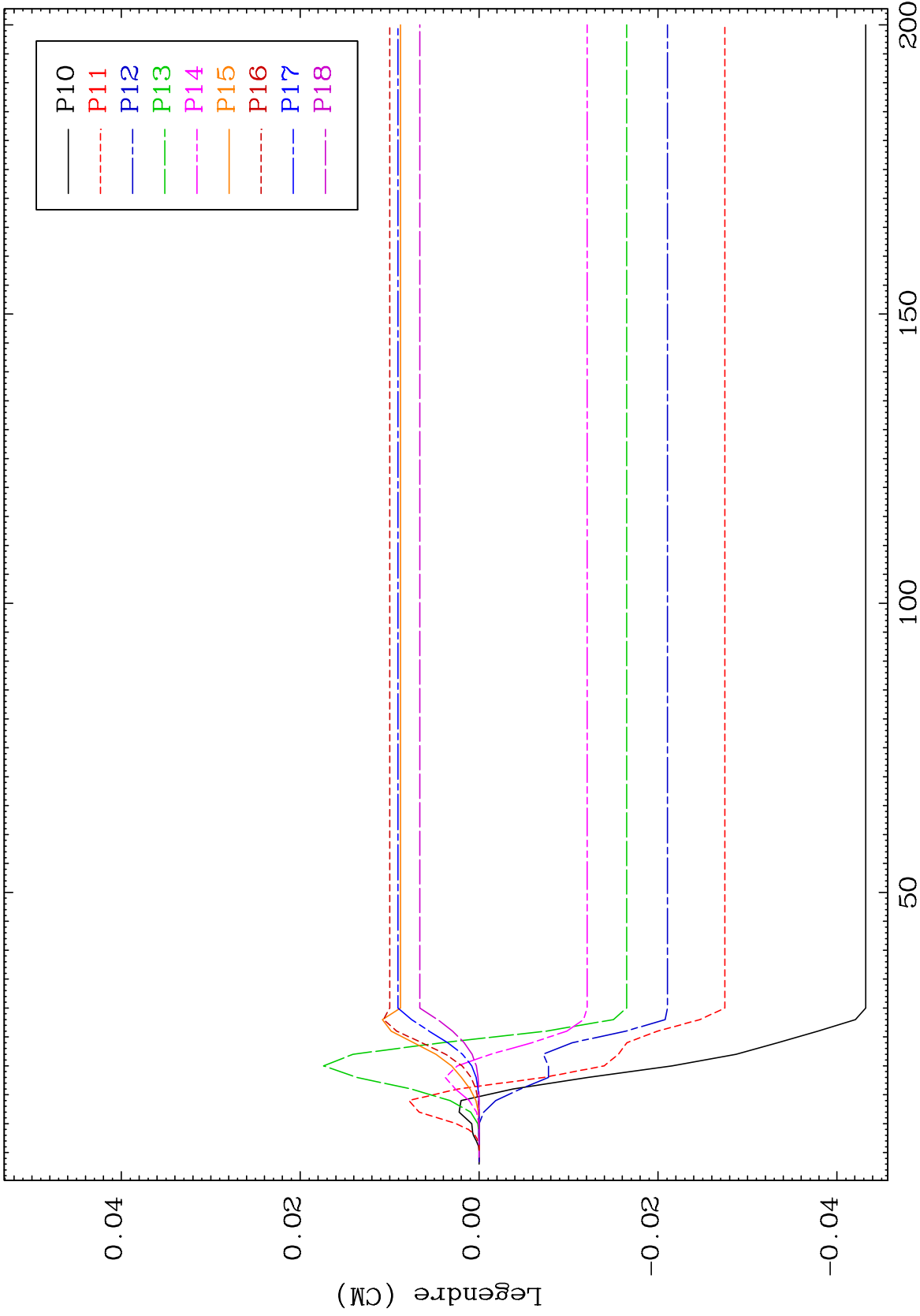
42-Mo-102



MAT 4255

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

42-Mo-102



112

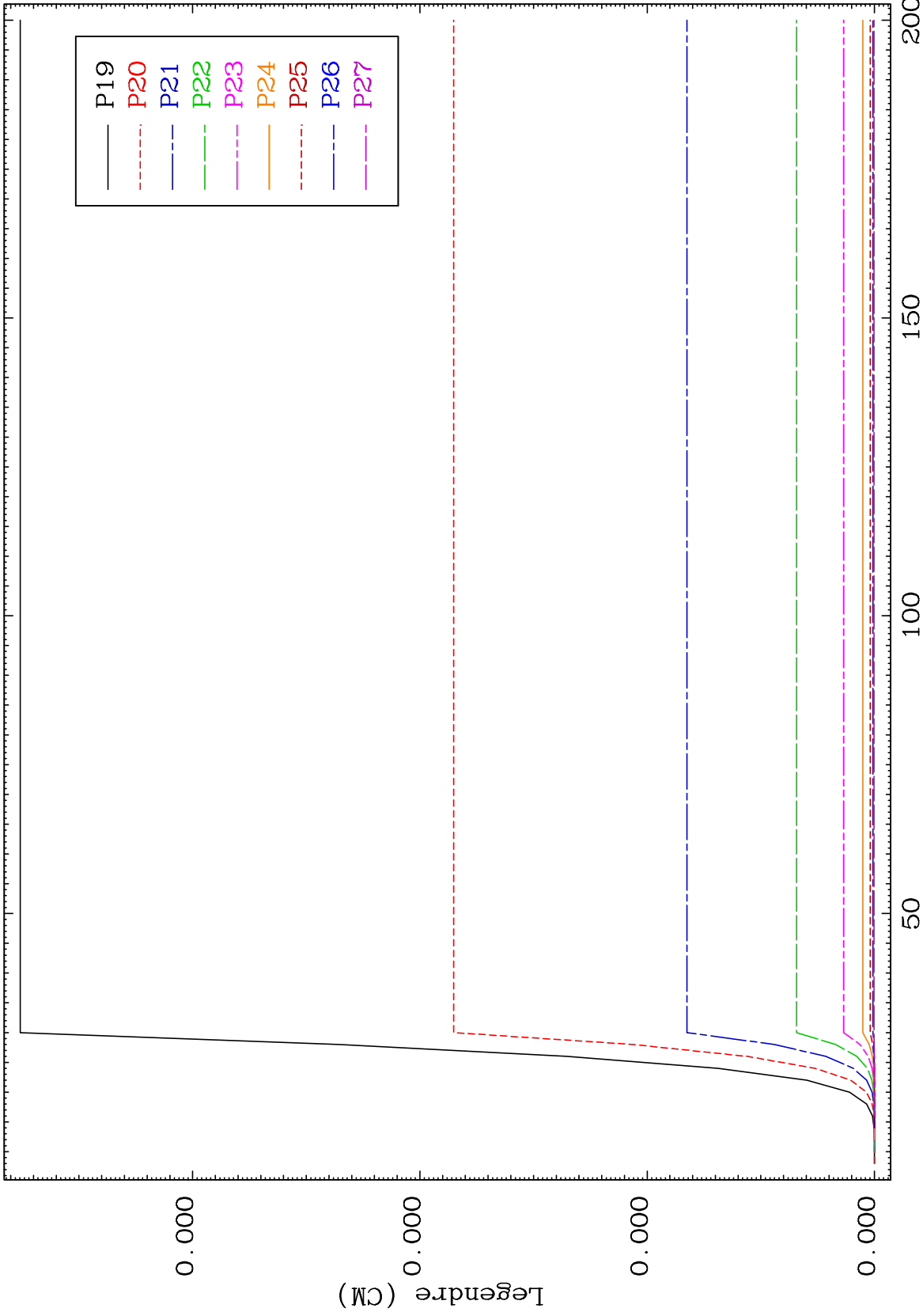
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



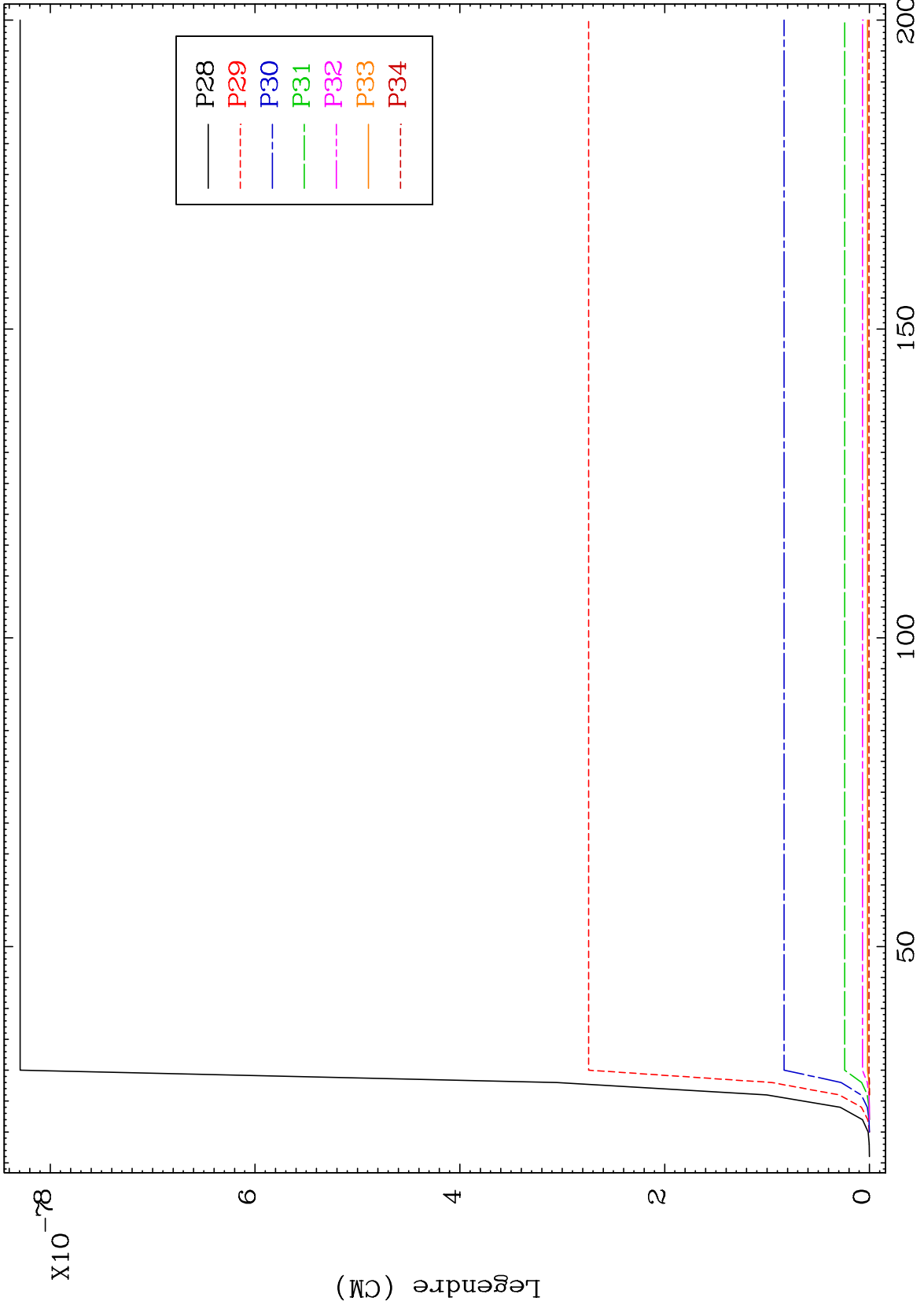
113

42-Mo-102

MAT 4255

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

42-Mo-102



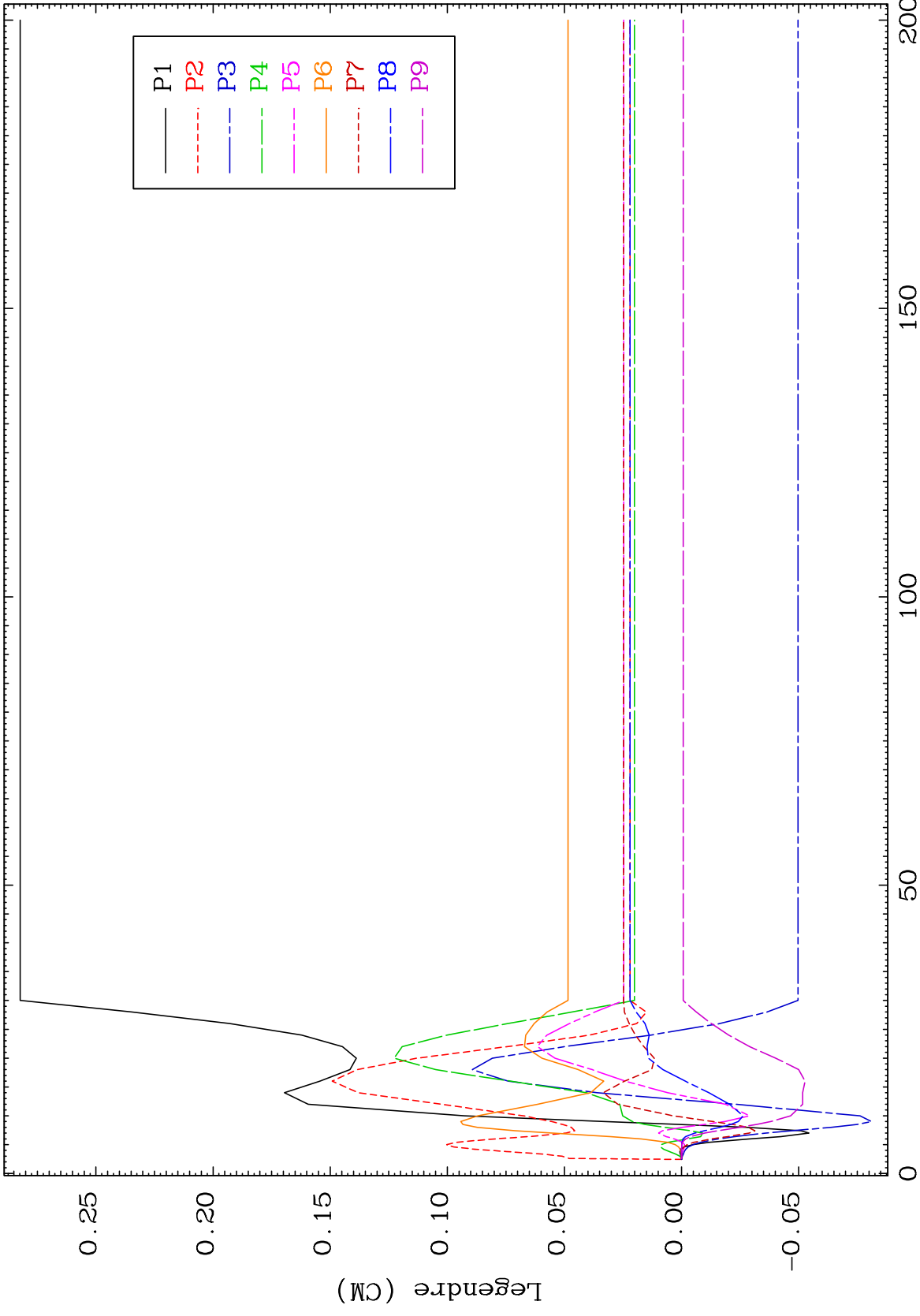
114

42-Mo-102

MAT 4255

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

42-Mo-102



115

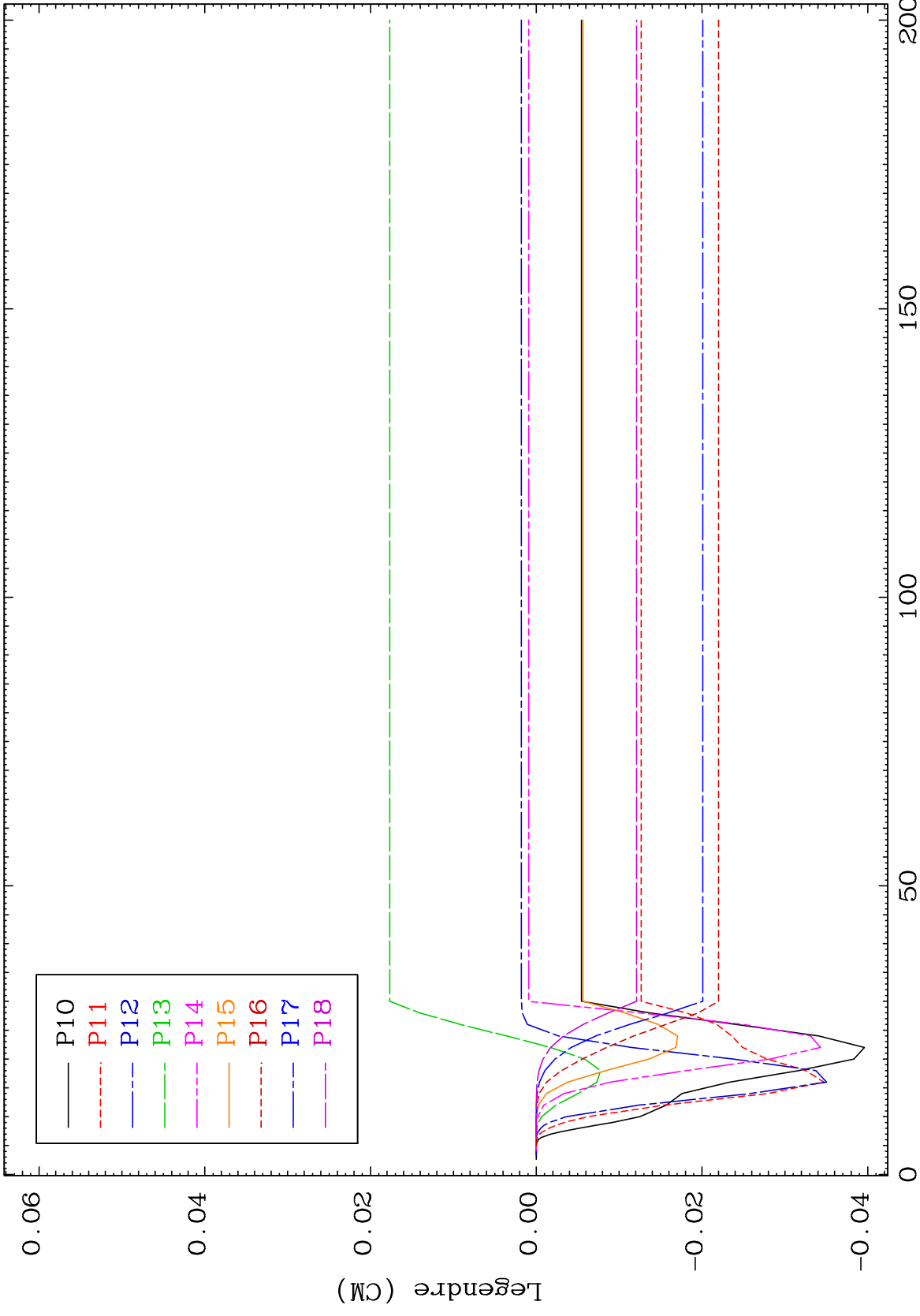
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102

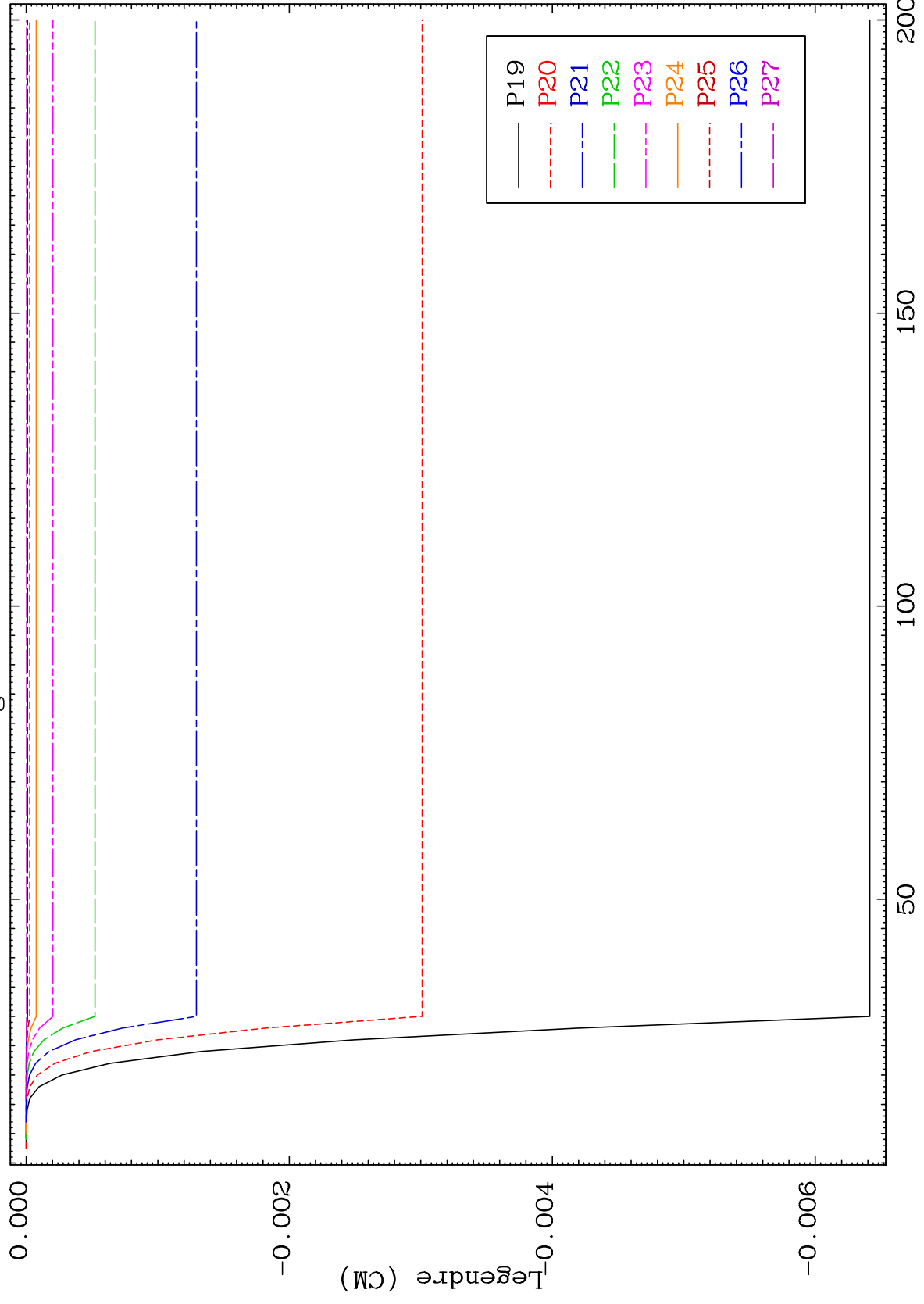


116

Incident Energy (MeV)

42-Mo-102

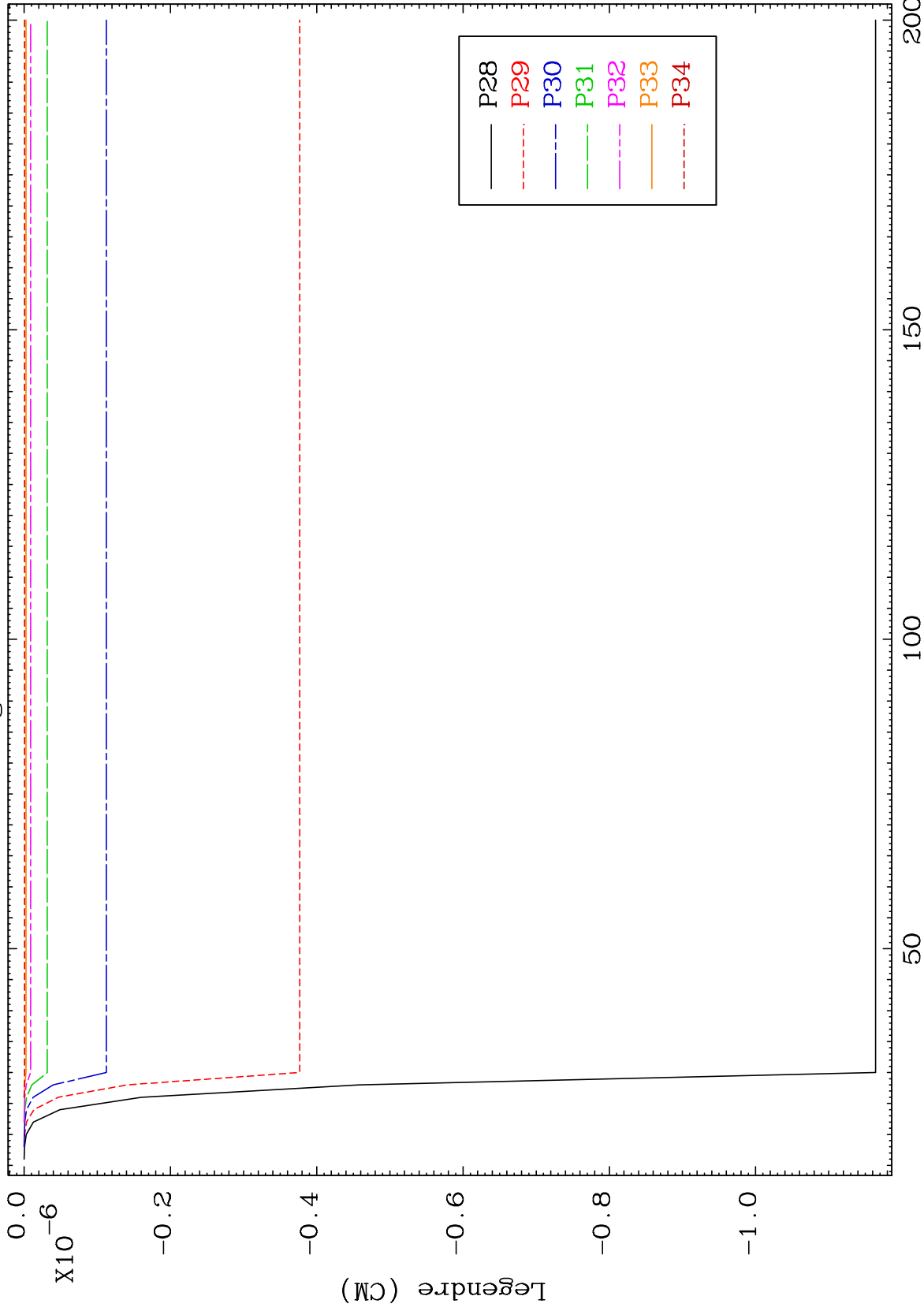
MAT 4255 MT= 76 (n,n') Level Legendre Coefficients 42-Mo-102



MAT 4255

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

42-Mo-102



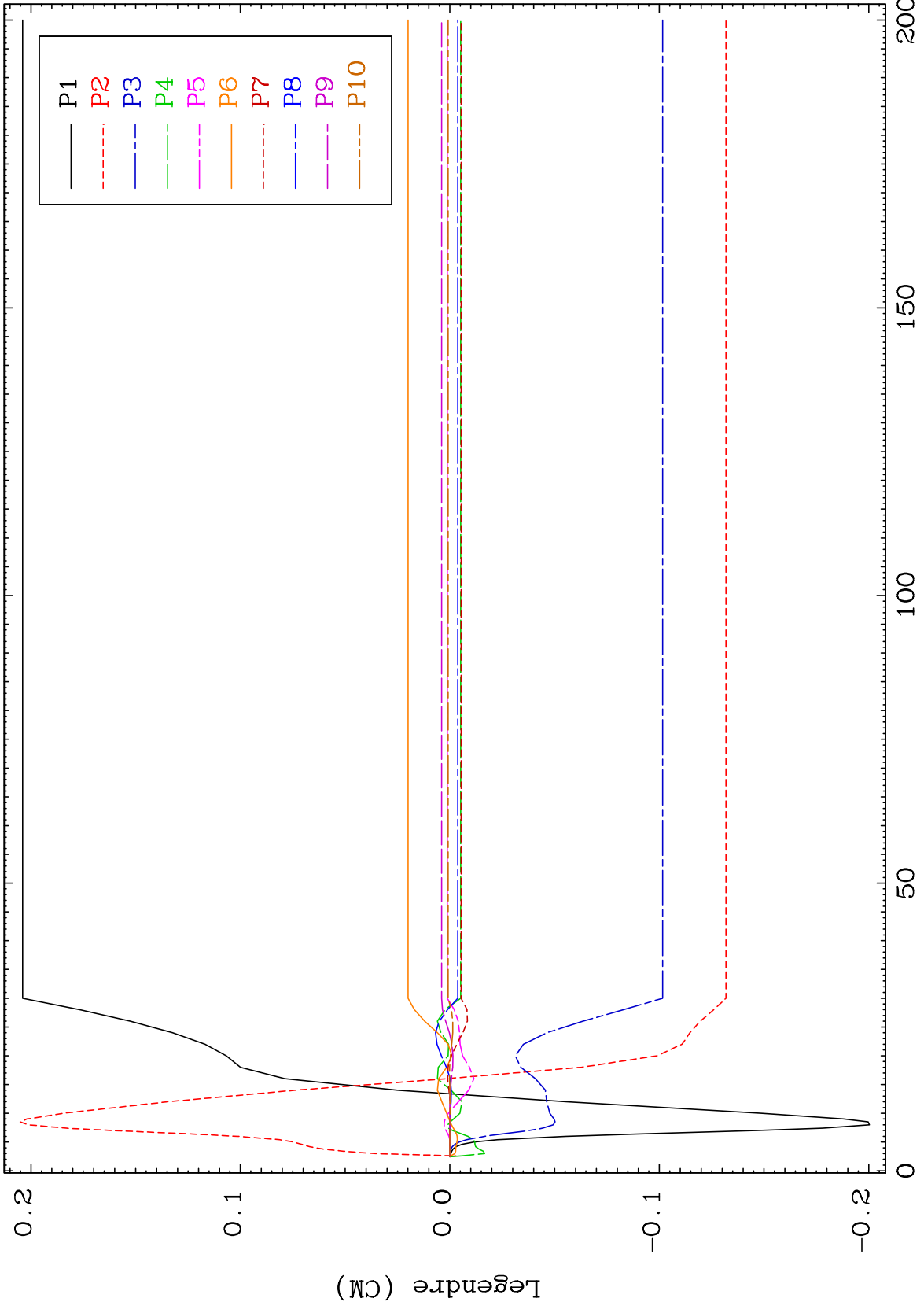
118

42-Mo-102

MAT 4255

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

42-Mo-102



119

Incident Energy (MeV)

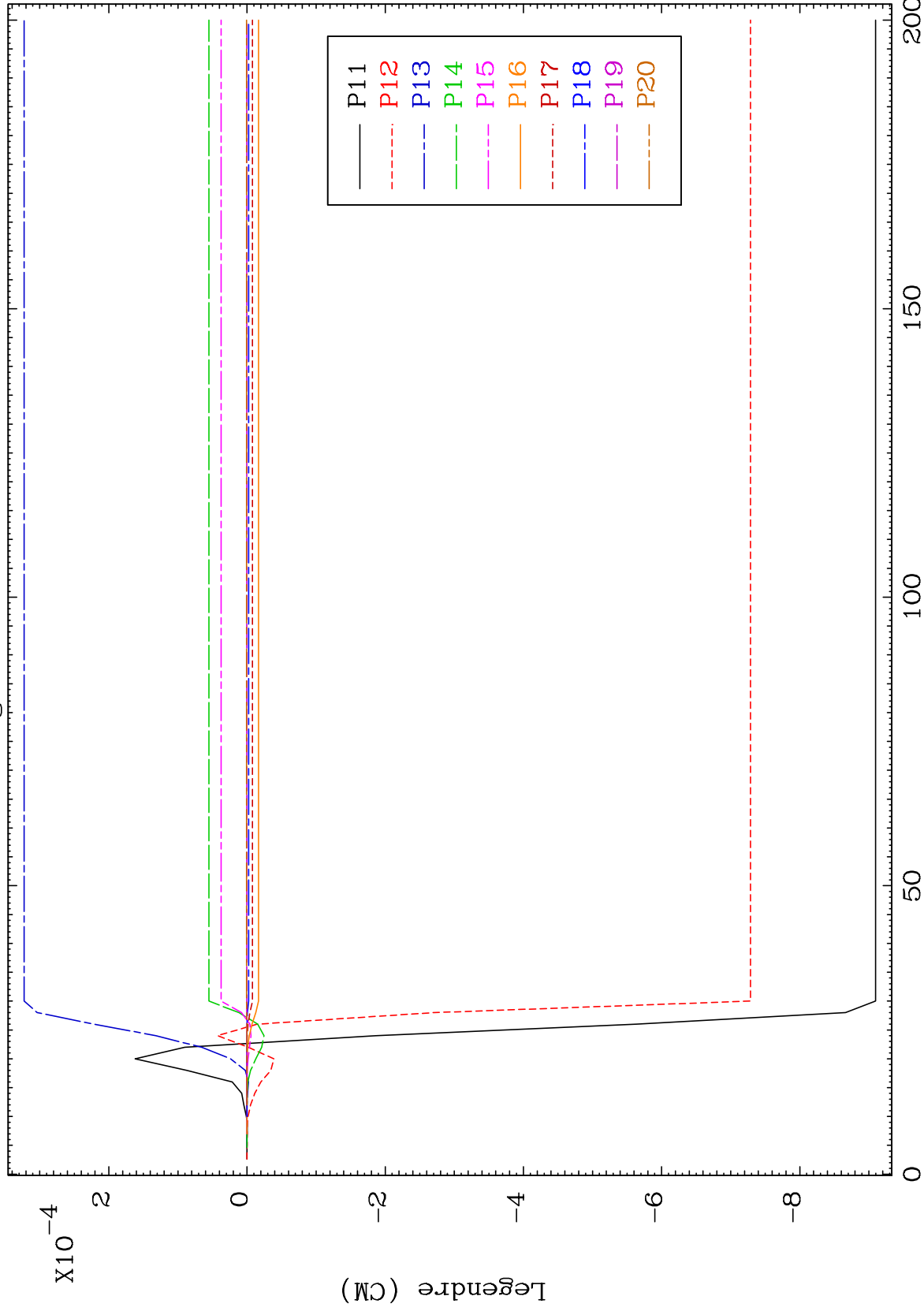
42-Mo-102



MAT 4255

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

42-Mo-102



120

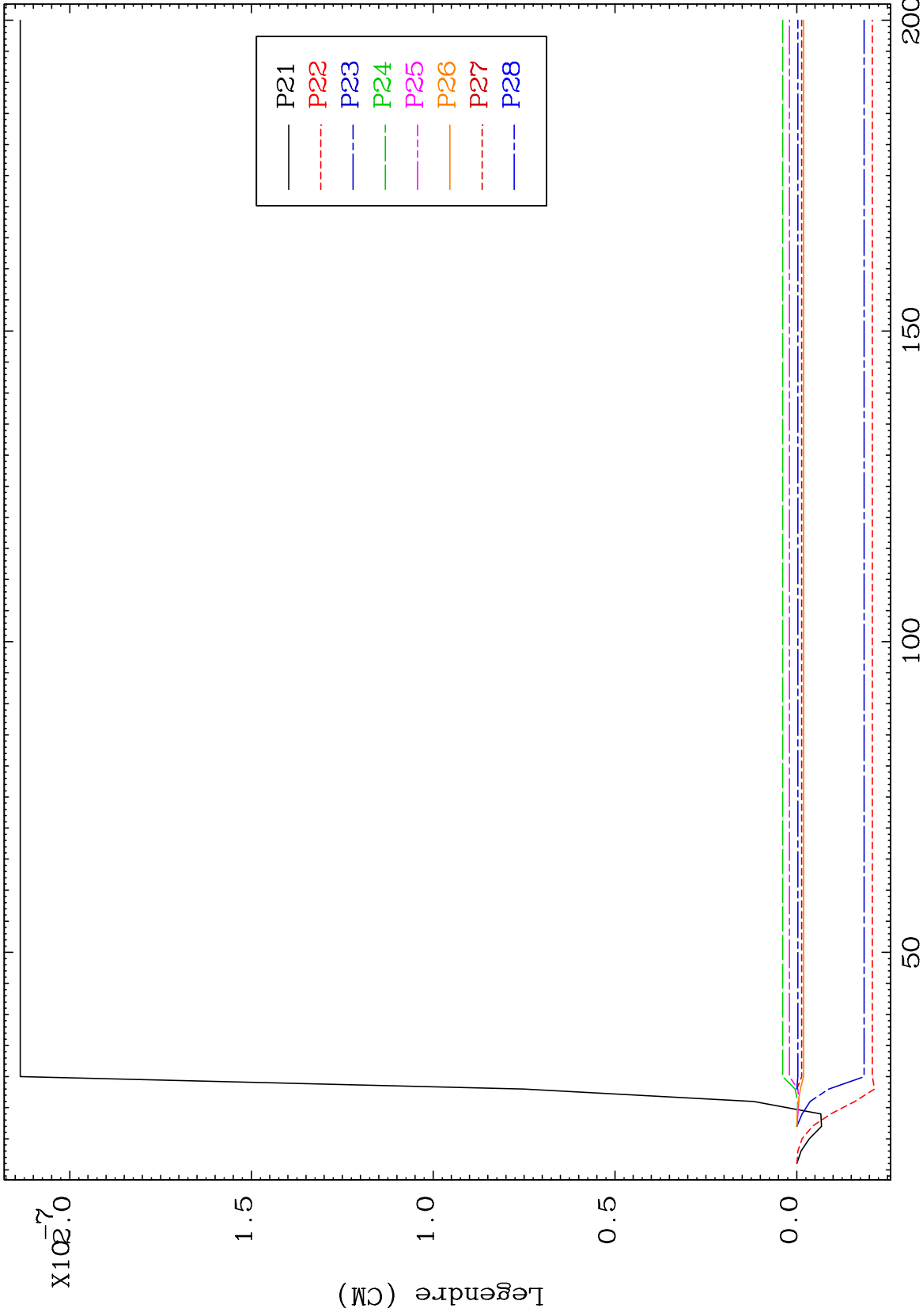
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



121

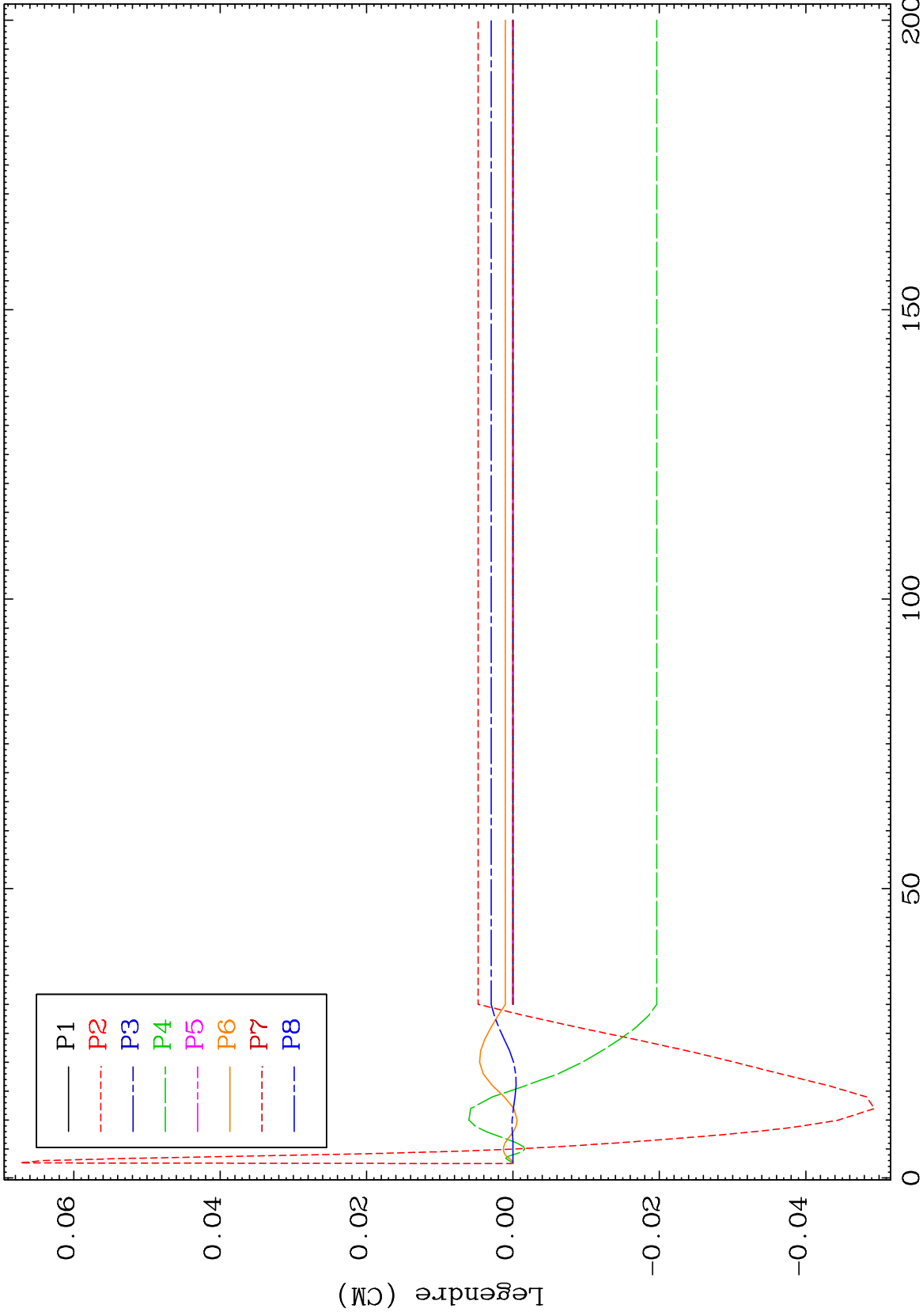
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



122

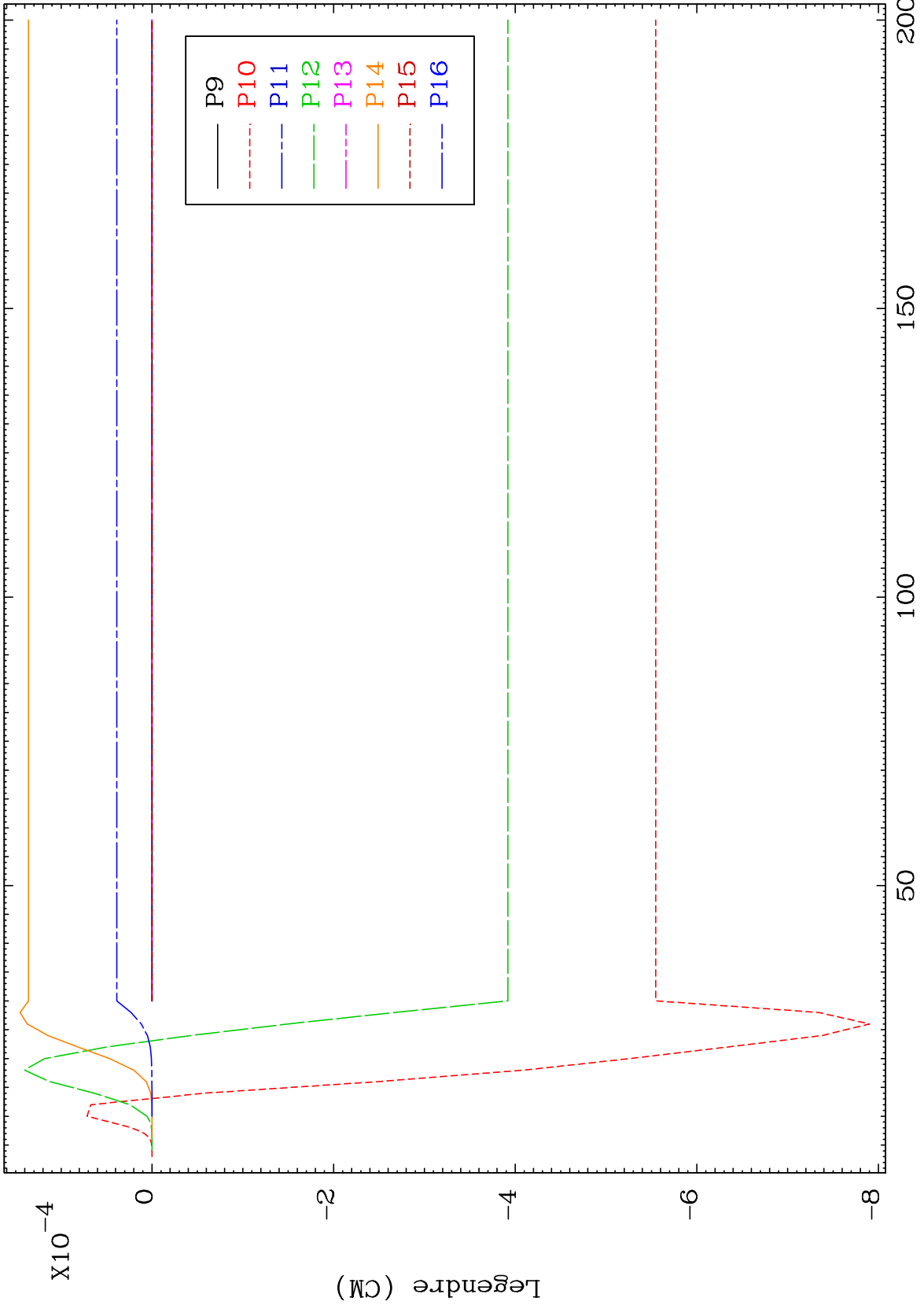
Incident Energy (MeV)

42-Mo-102

MAT 4255

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

42-Mo-102



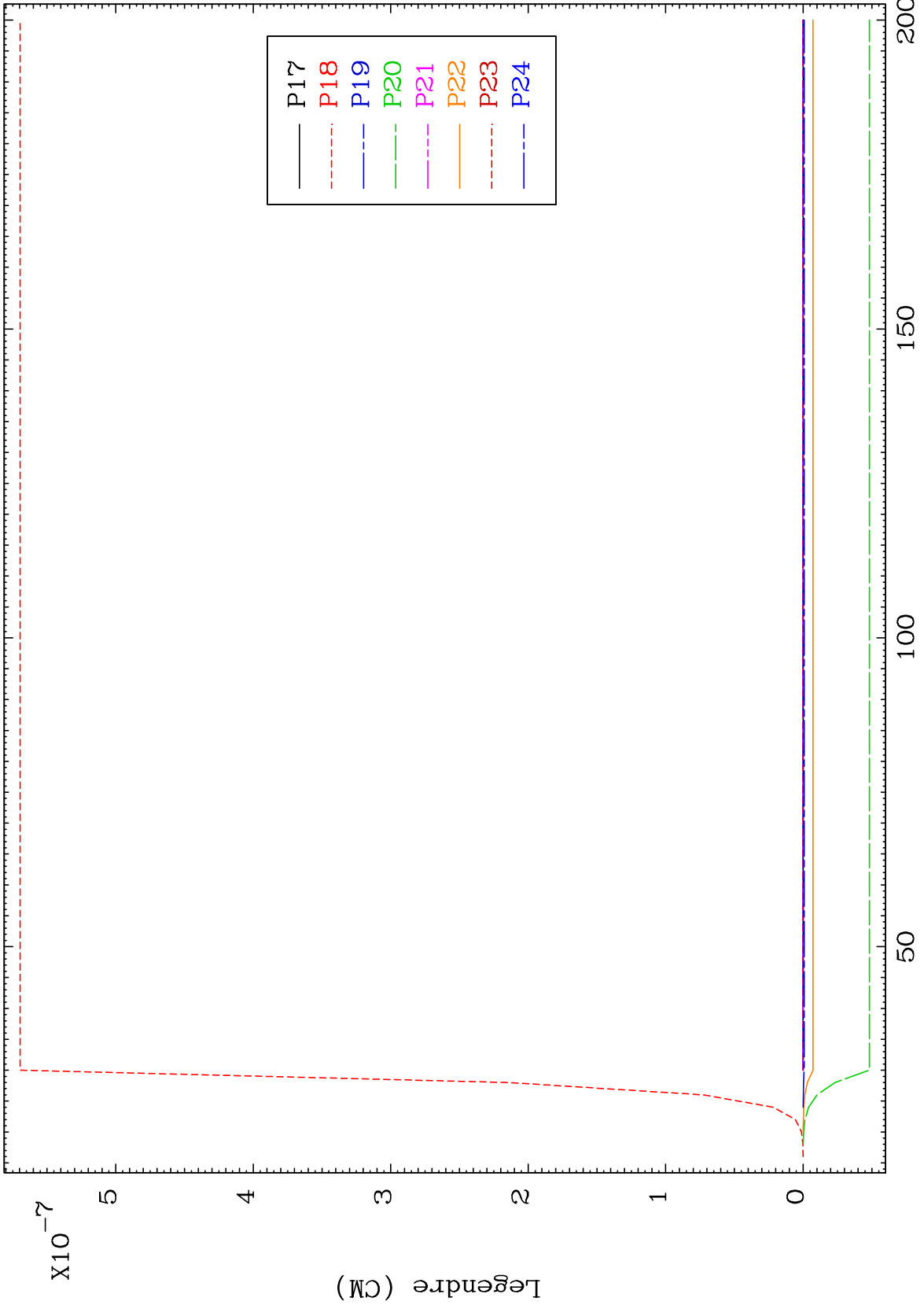
123

42-Mo-102

MAT 4255

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

42-Mo-102

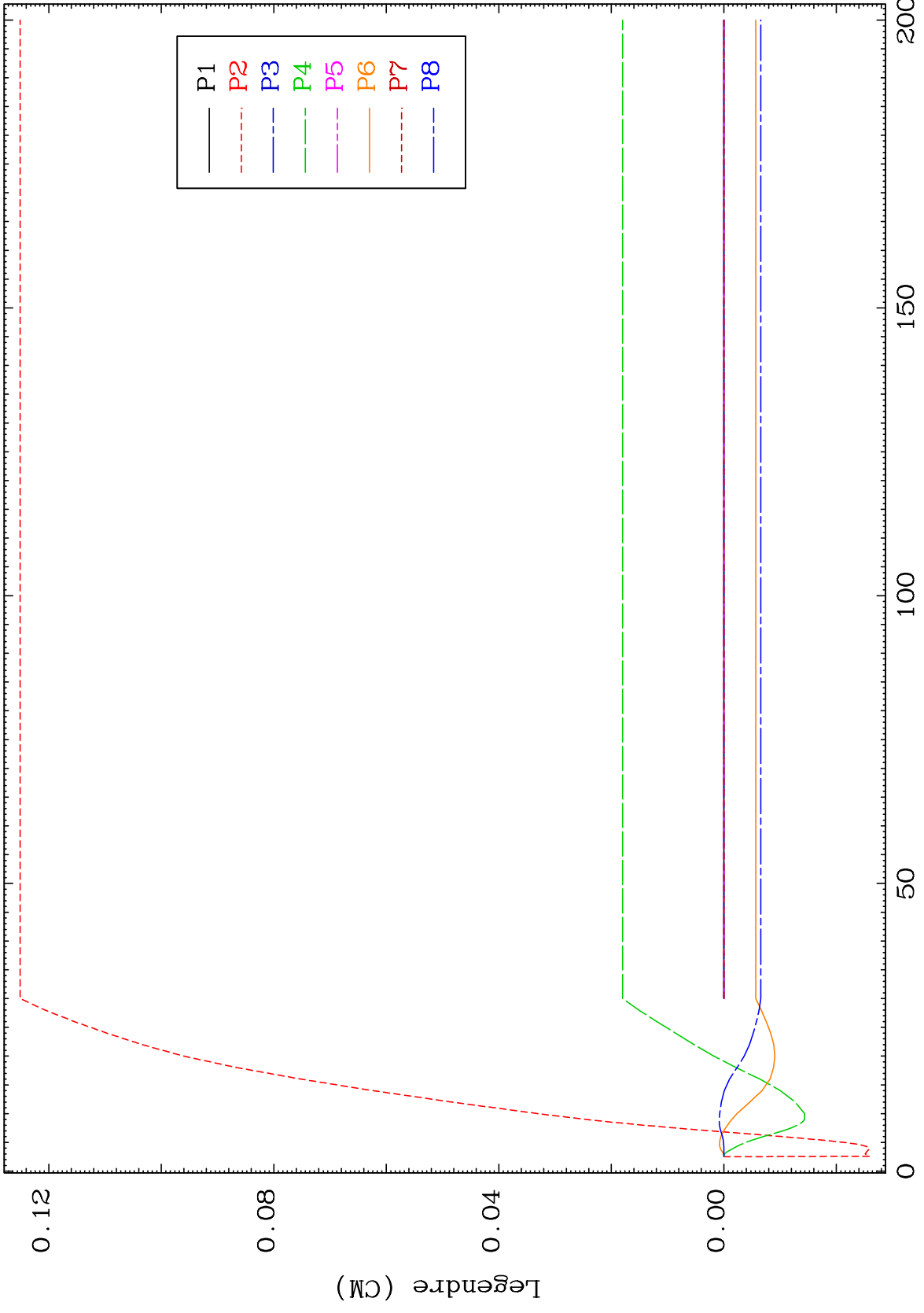


124

Incident Energy (MeV)

42-Mo-102

MAT 4255 MT= 79 (n,n') Level Legendre Coefficients 42-Mo-102

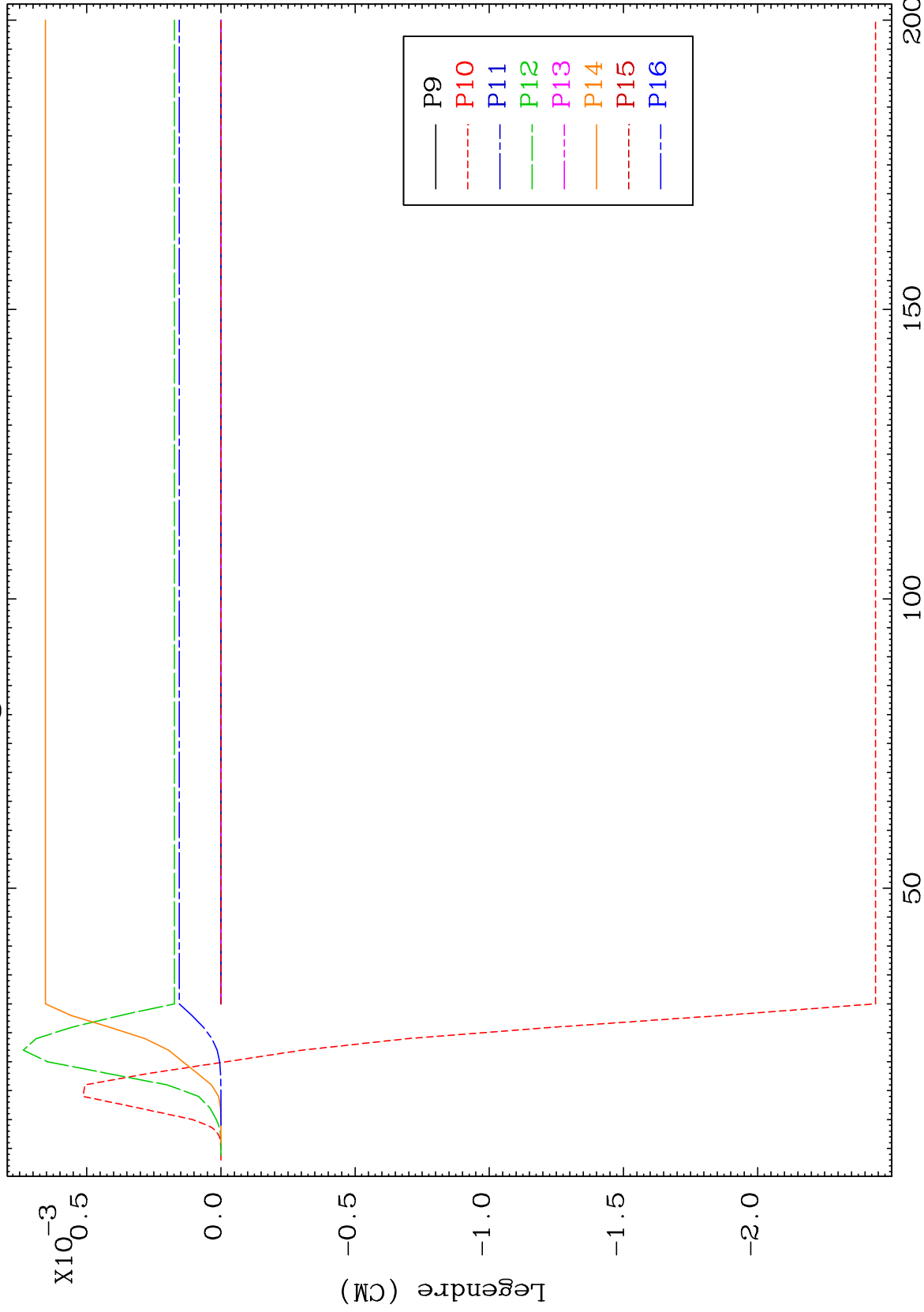


125 Incident Energy (MeV) 42-Mo-102

MAT 4255

MT= 79 (n,n') Level  
Legendre Coefficients

42-Mo-102



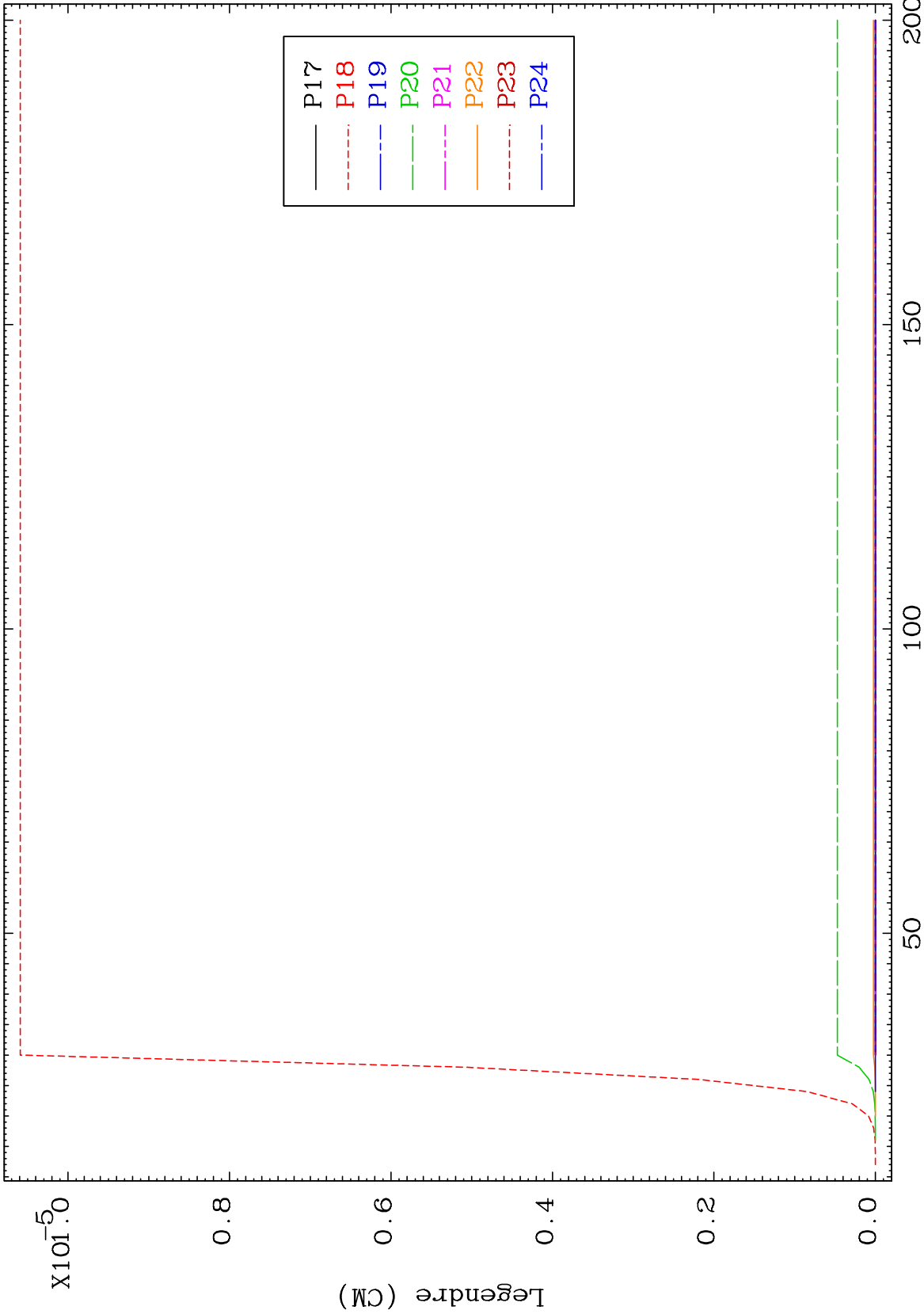
126

42-Mo-102

MAT 4255

MT= 79 (n,n') Level  
Legendre Coefficients

42-Mo-102



127

Incident Energy (MeV)

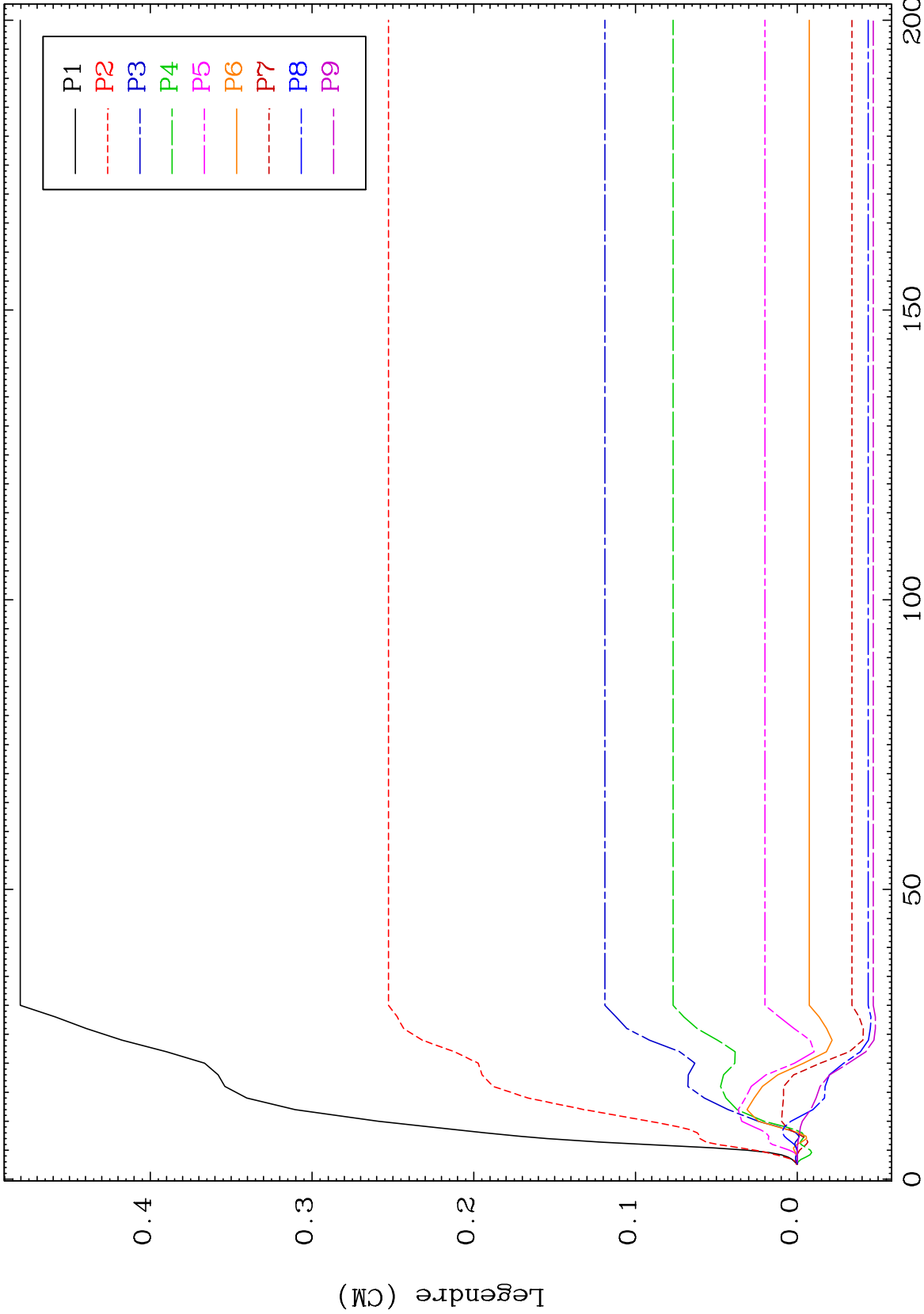
42-Mo-102



MAT 4255

MT= 80 (n,n') Level  
Legendre Coefficients

42-Mo-102



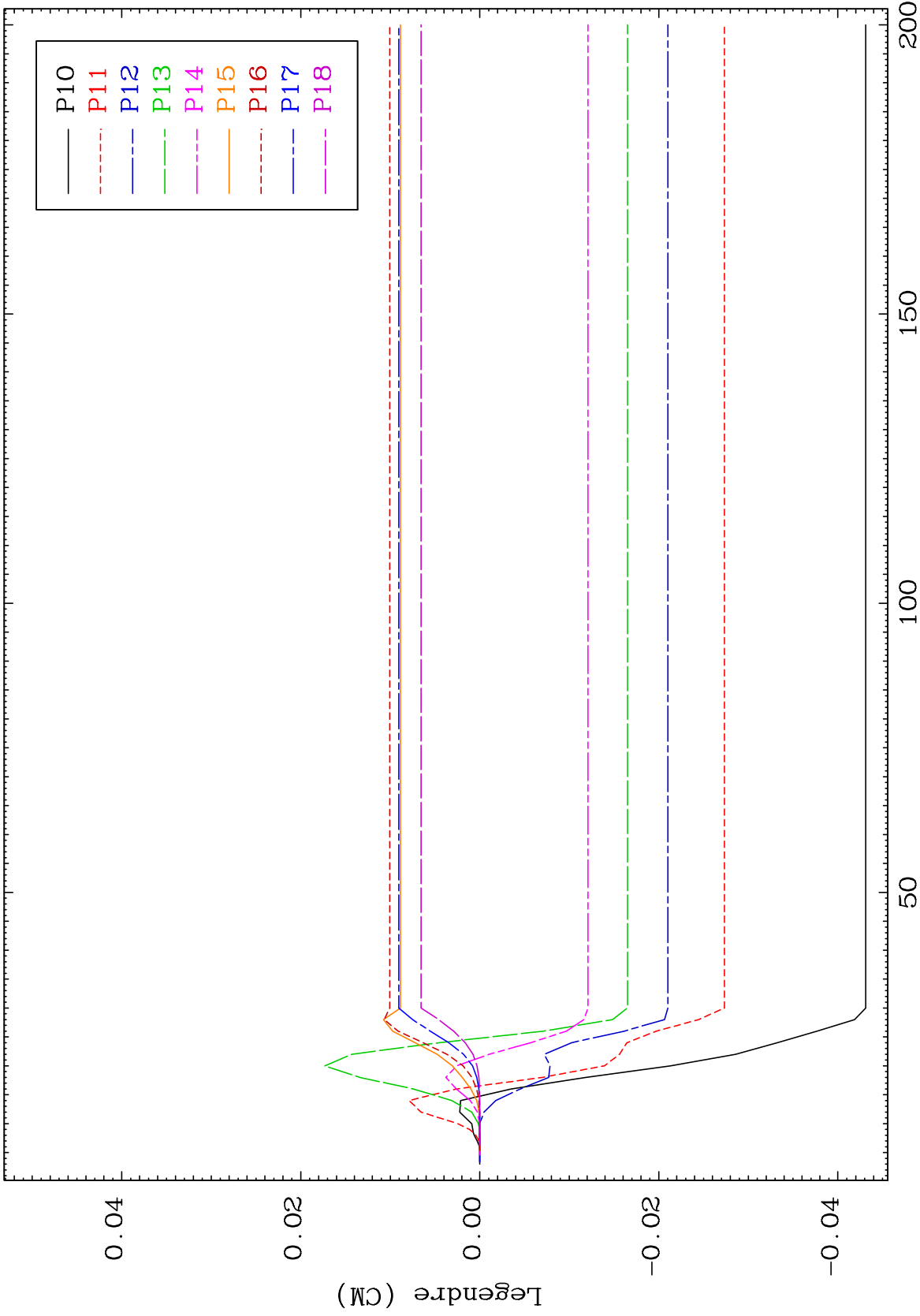
128

42-Mo-102

MAT 4255

MT= 80 (n,n') Level  
Legendre Coefficients

42-Mo-102



129

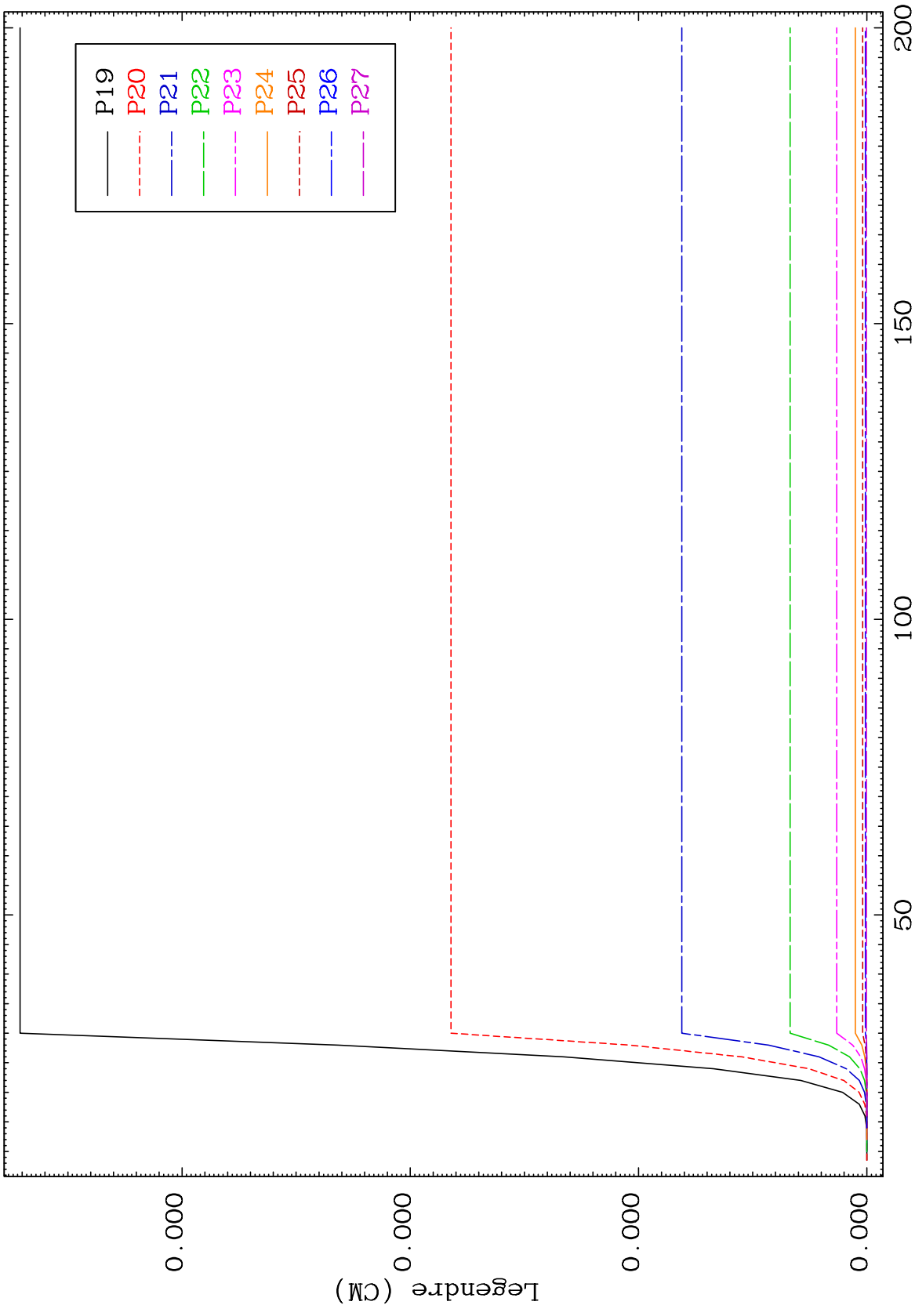
Incident Energy (MeV)

42-Mo-102

MAT 4255

MT= 80 (n,n') Level  
Legendre Coefficients

42-Mo-102



130

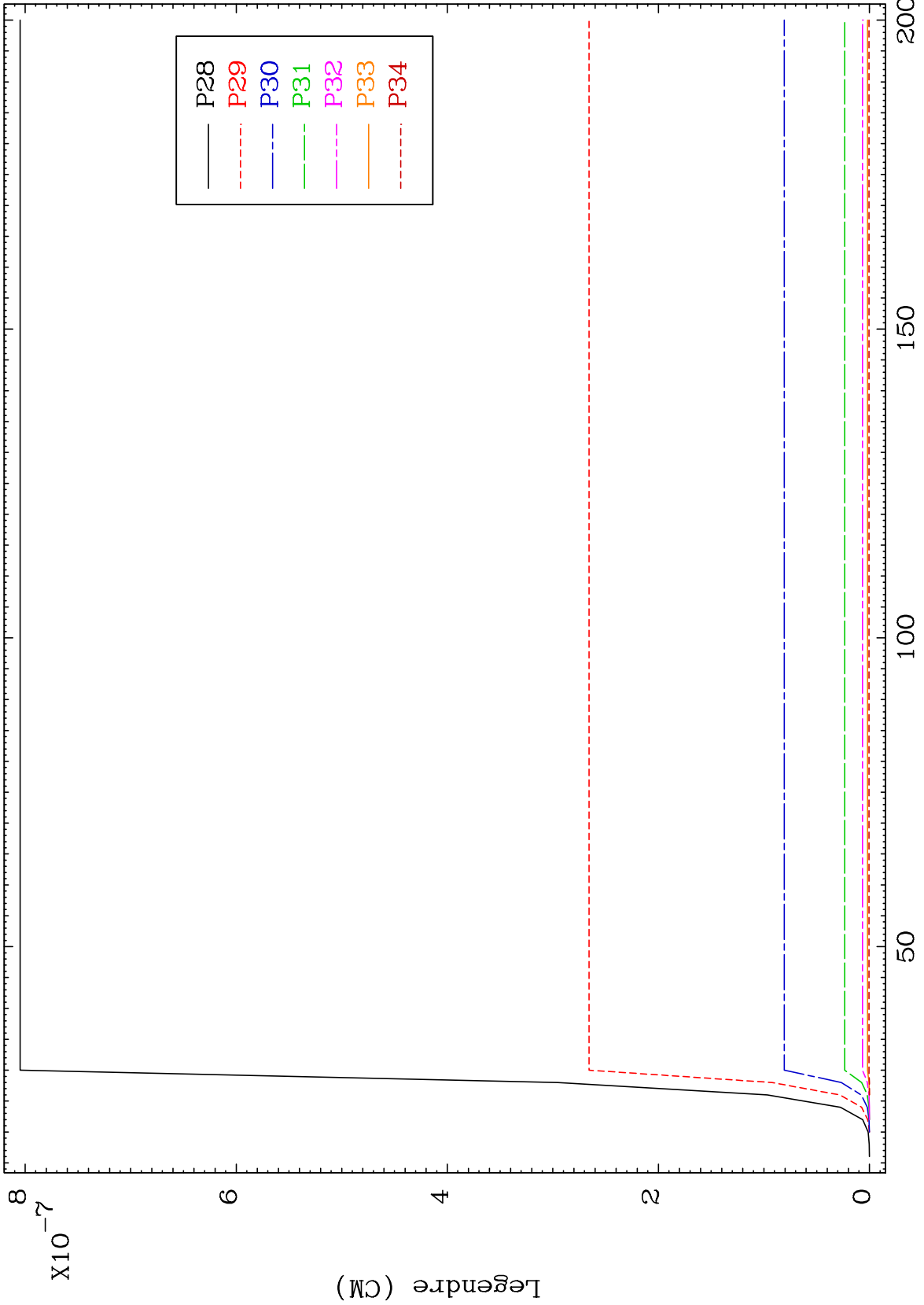
Incident Energy (MeV)

42-Mo-102

MAT 4255

MT= 80 (n,n') Level  
Legendre Coefficients

42-Mo-102



131

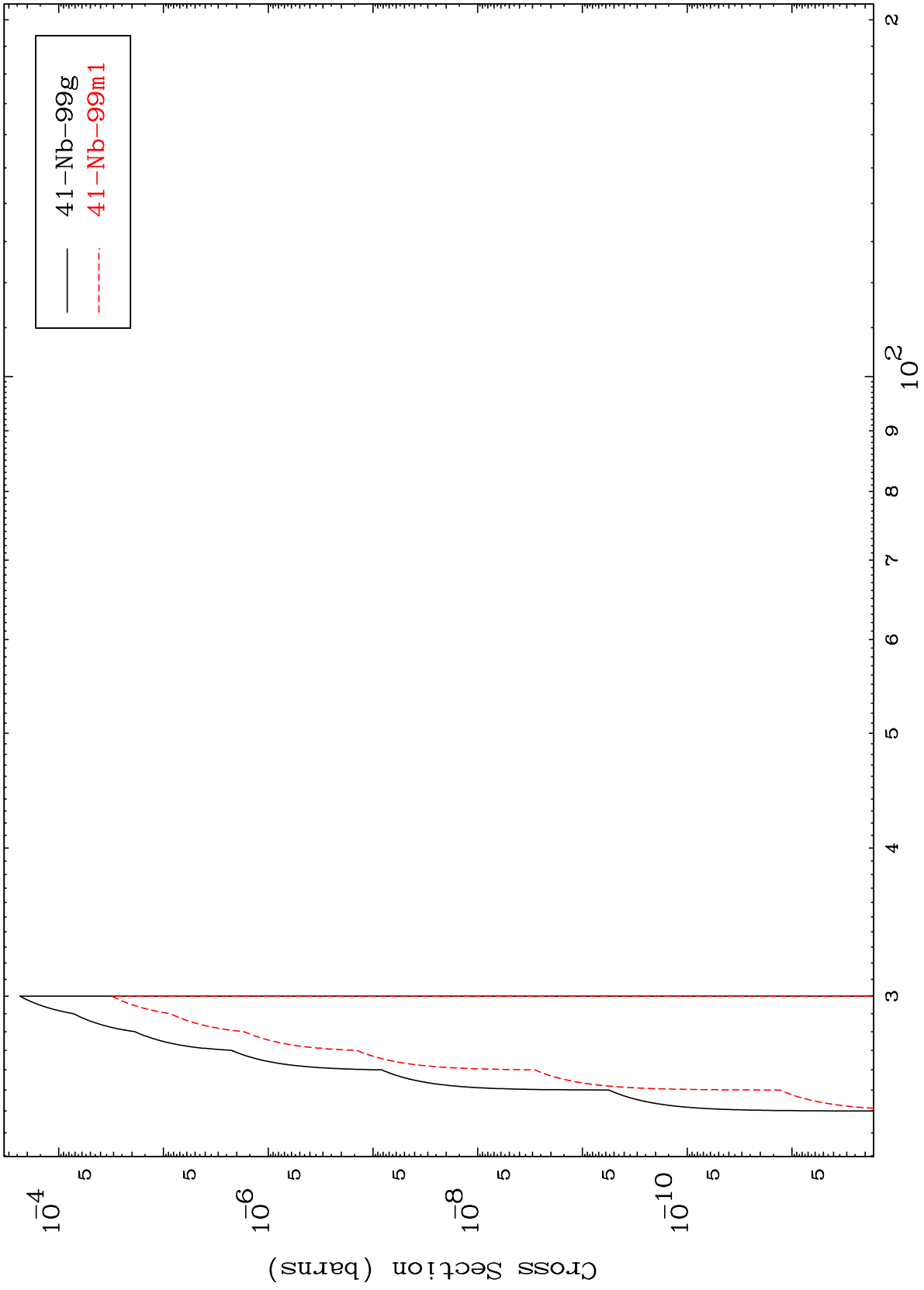
42-Mo-102

MAT 4255

(n,2n) d

42-Mo-102

Radionuclide Production Cross Section

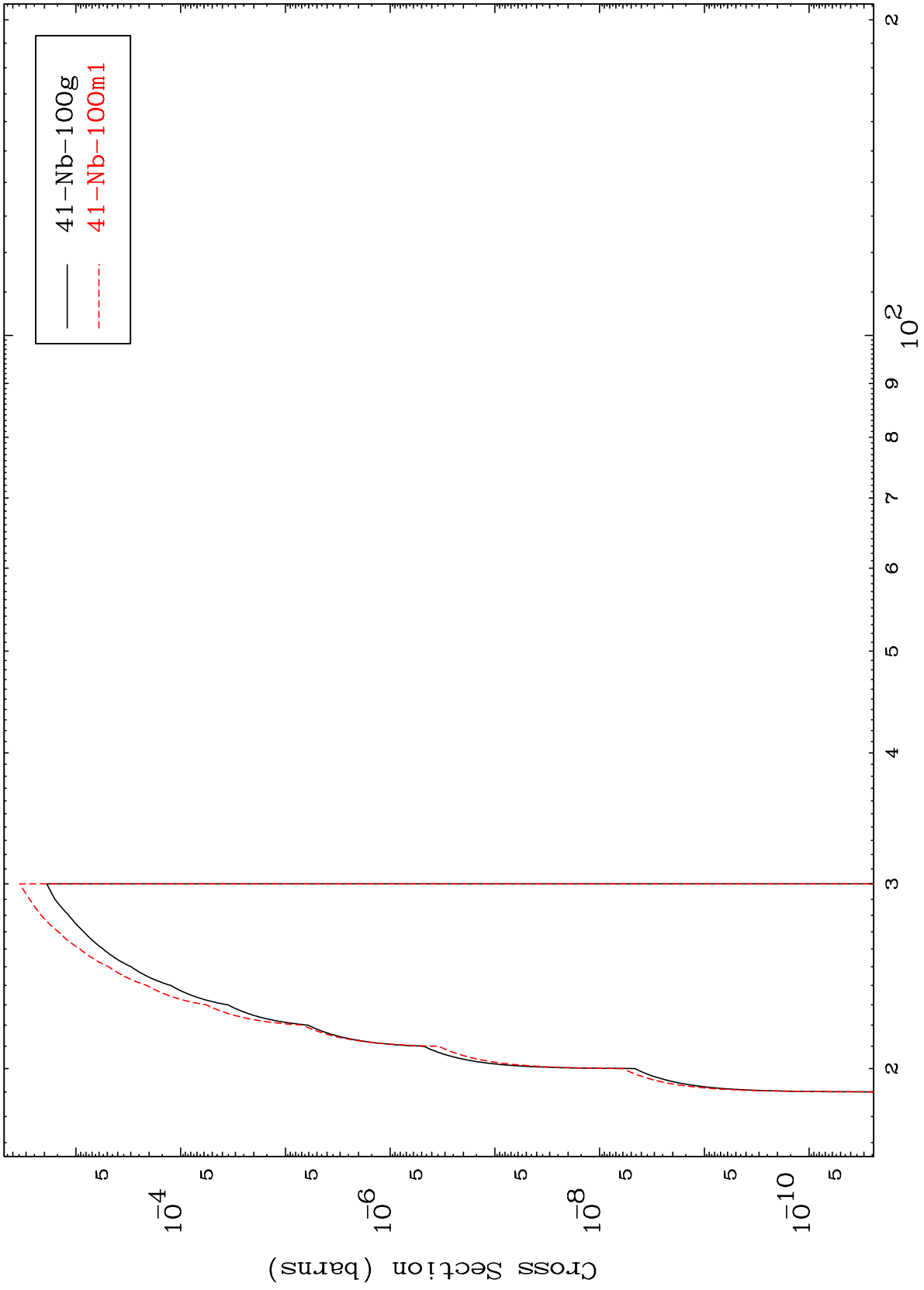


132

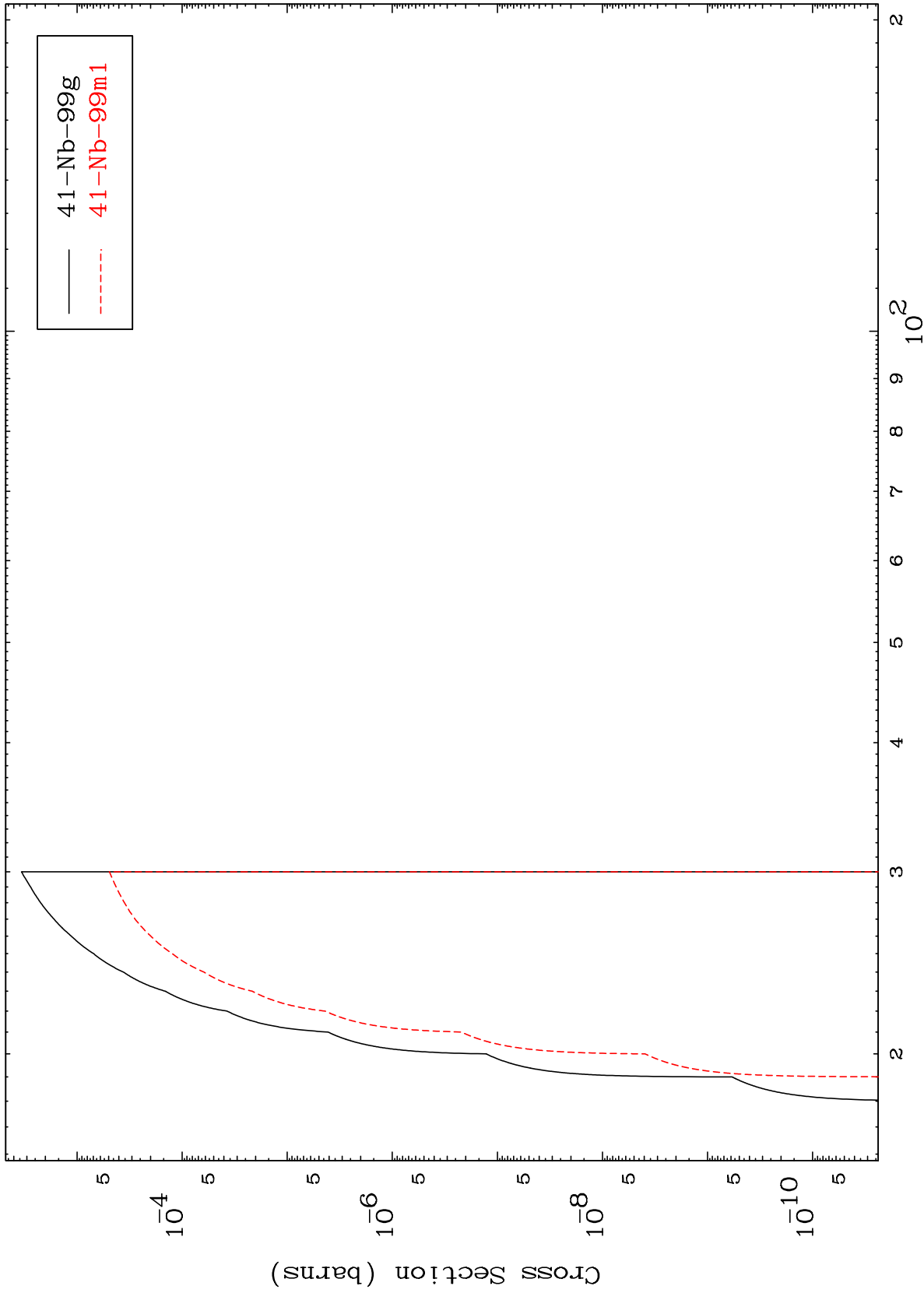
Incident Energy (MeV)

42-Mo-102

Radionuclide Production Cross Section



Radionuclide Production Cross Section

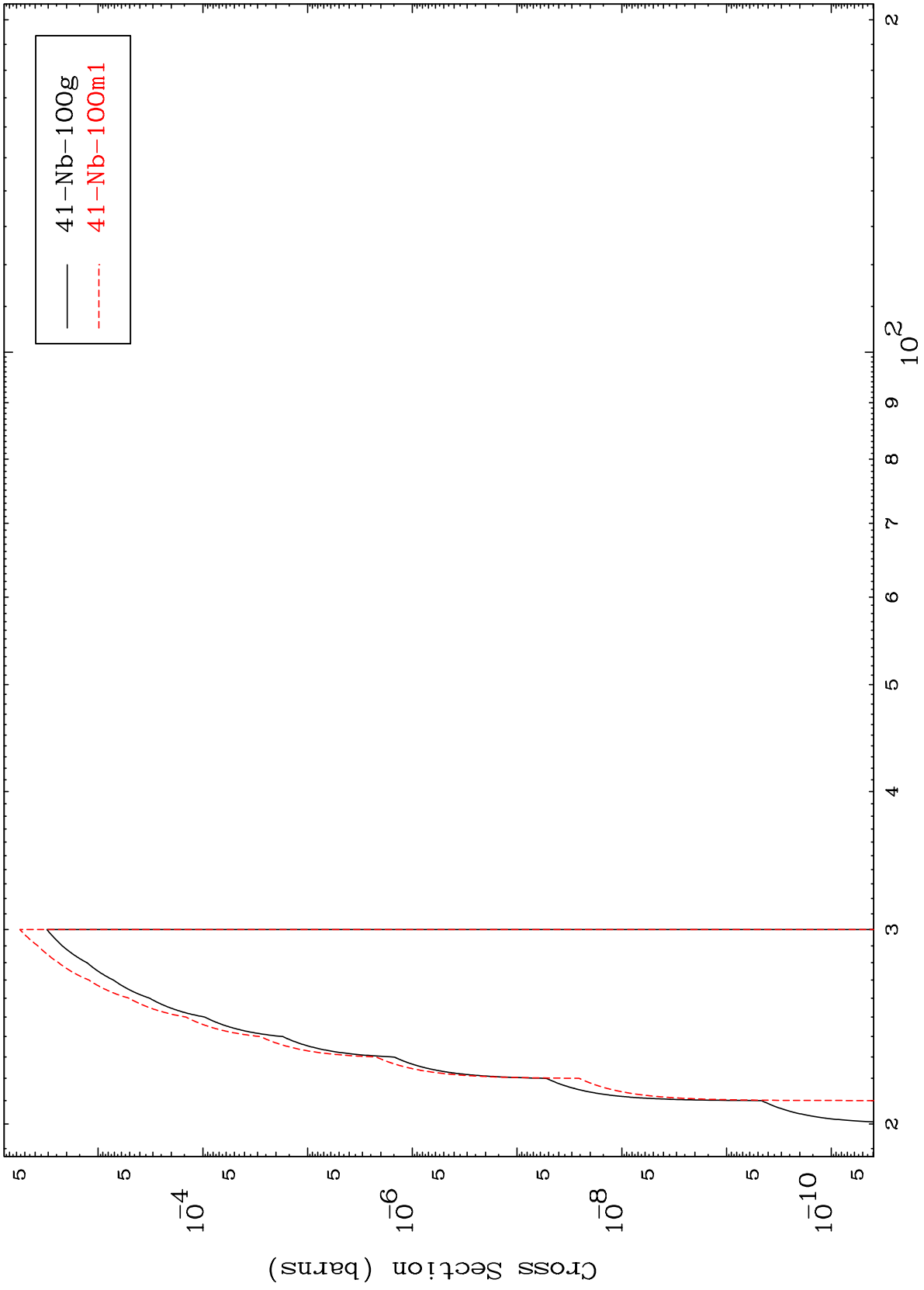


MAT 4255

(n,2n) p

42-Mo-102

Radionuclide Production Cross Section



135

Incident Energy (MeV)

42-Mo-102

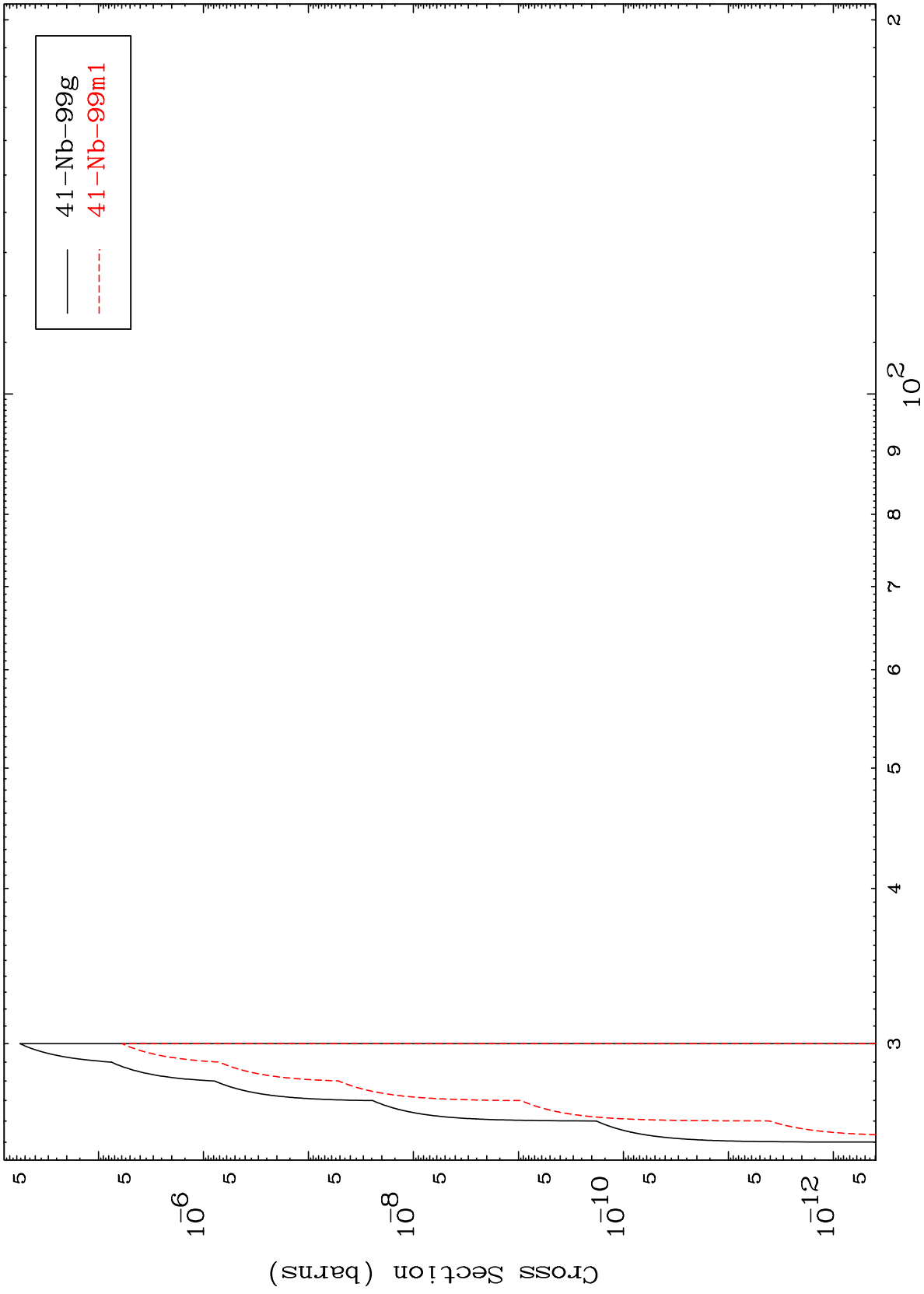


MAT 4255

(n,3n) p

42-Mo-102

Radionuclide Production Cross Section



136

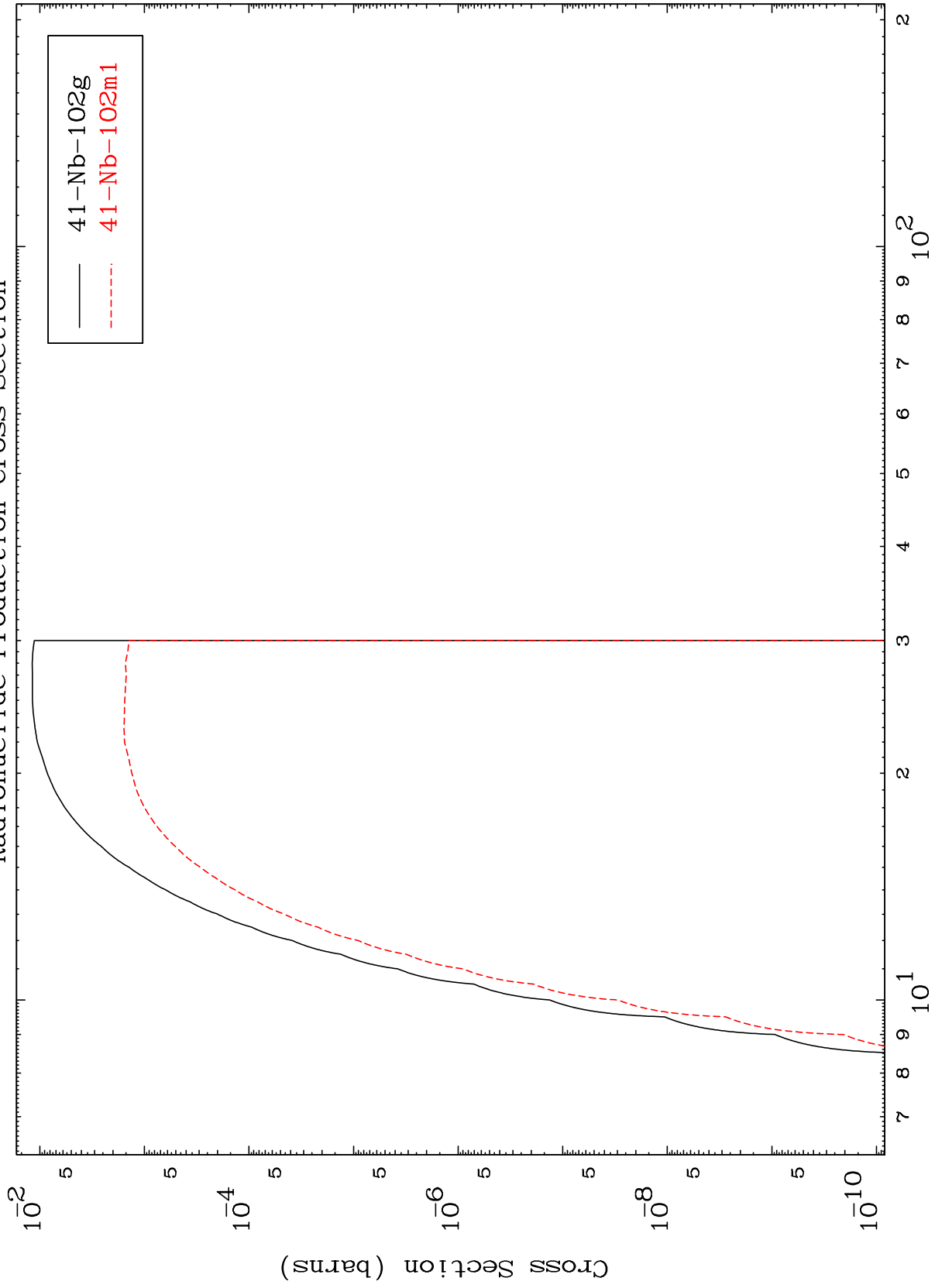
Incident Energy (MeV)

42-Mo-102

MAT 4255

42-Mo-102

(n,p)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

42-Mo-102

(n, t)  
Radionuclide Production Cross Section

