

Program EVALPLOT
(Version 2018-1)

by

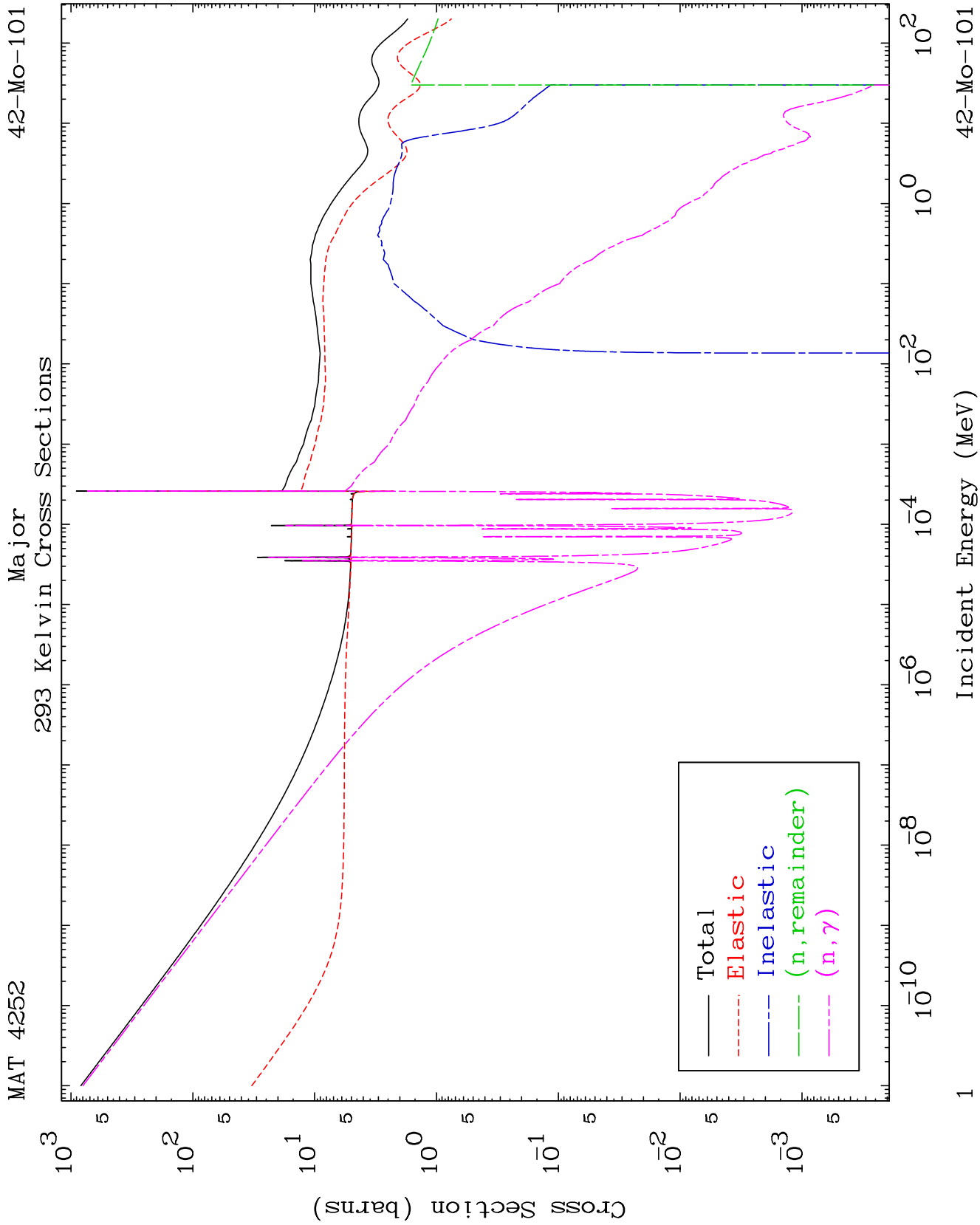
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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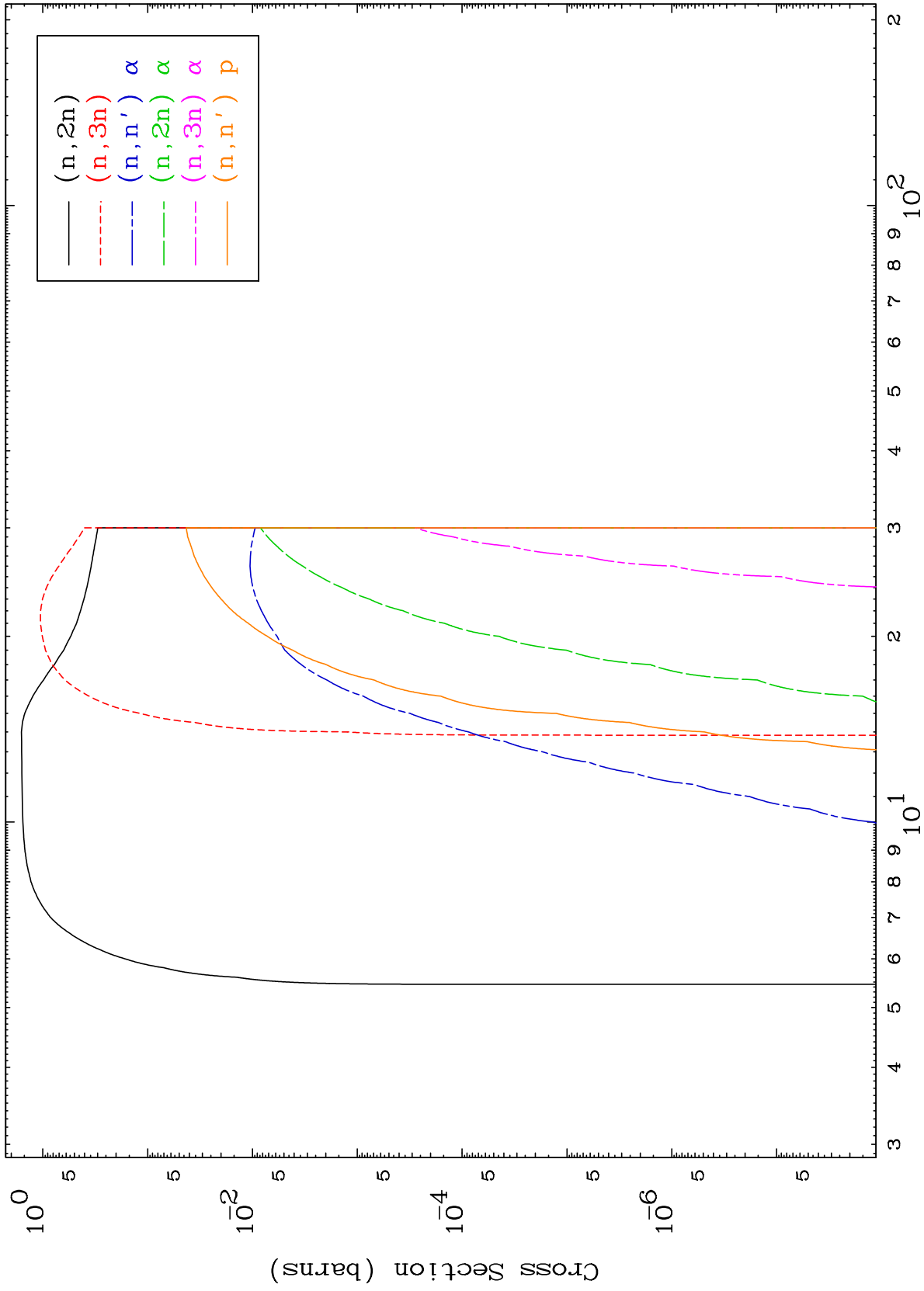
Press Mouse Button to Start



MAT 4252

Neutron Production
293 Kelvin Cross Sections

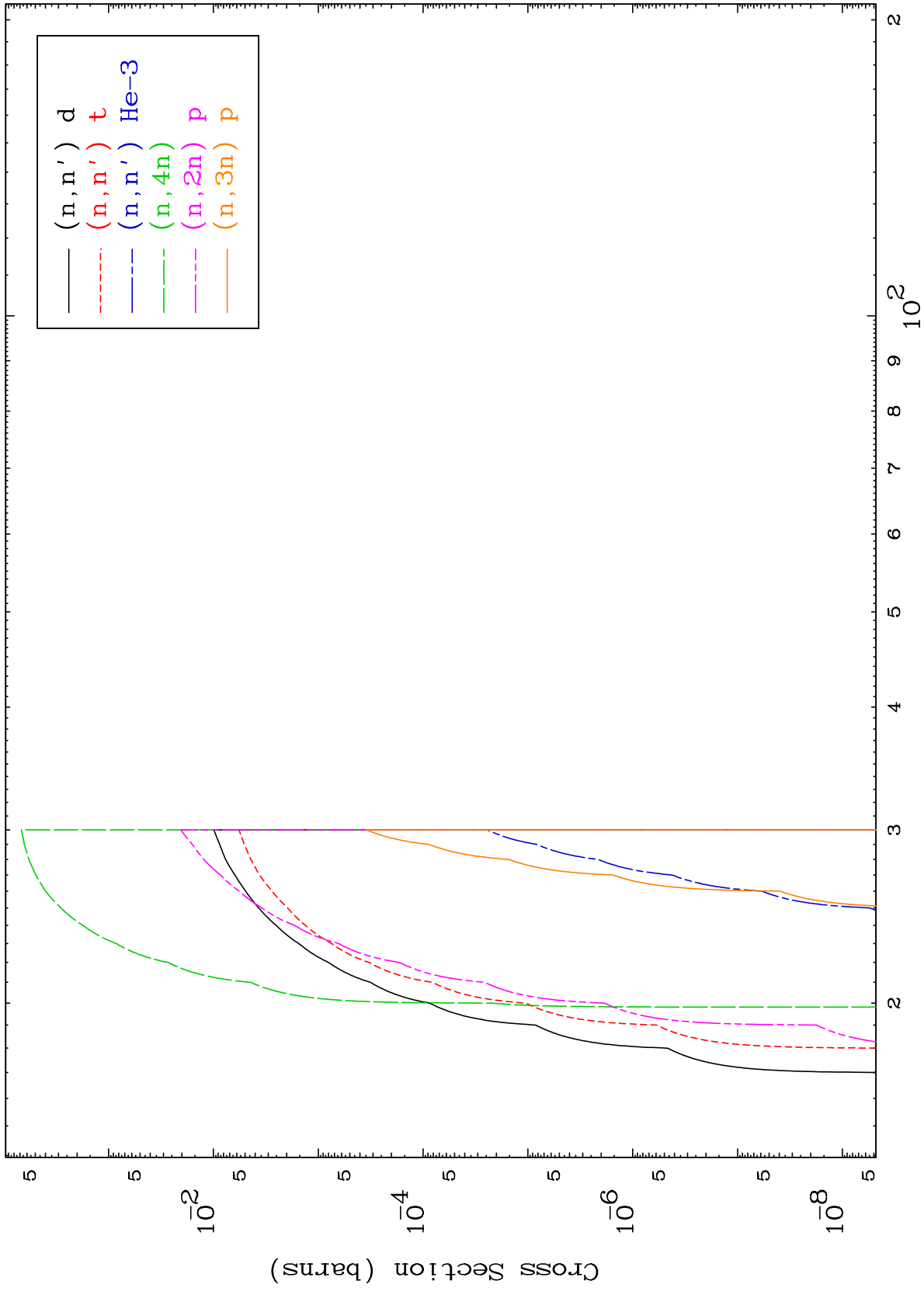
42-Mo-101

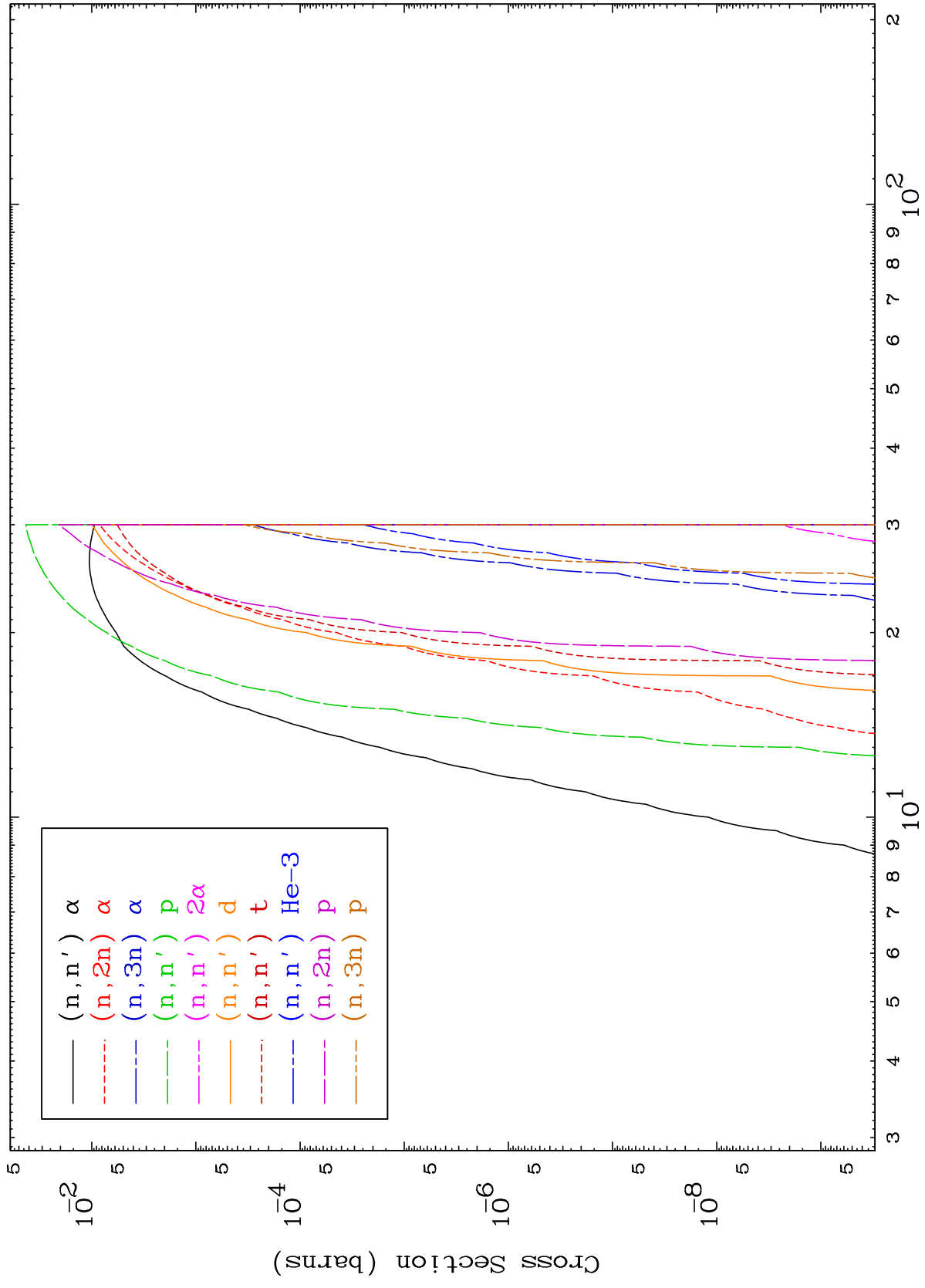


2

Incident Energy (MeV)

42-Mo-101

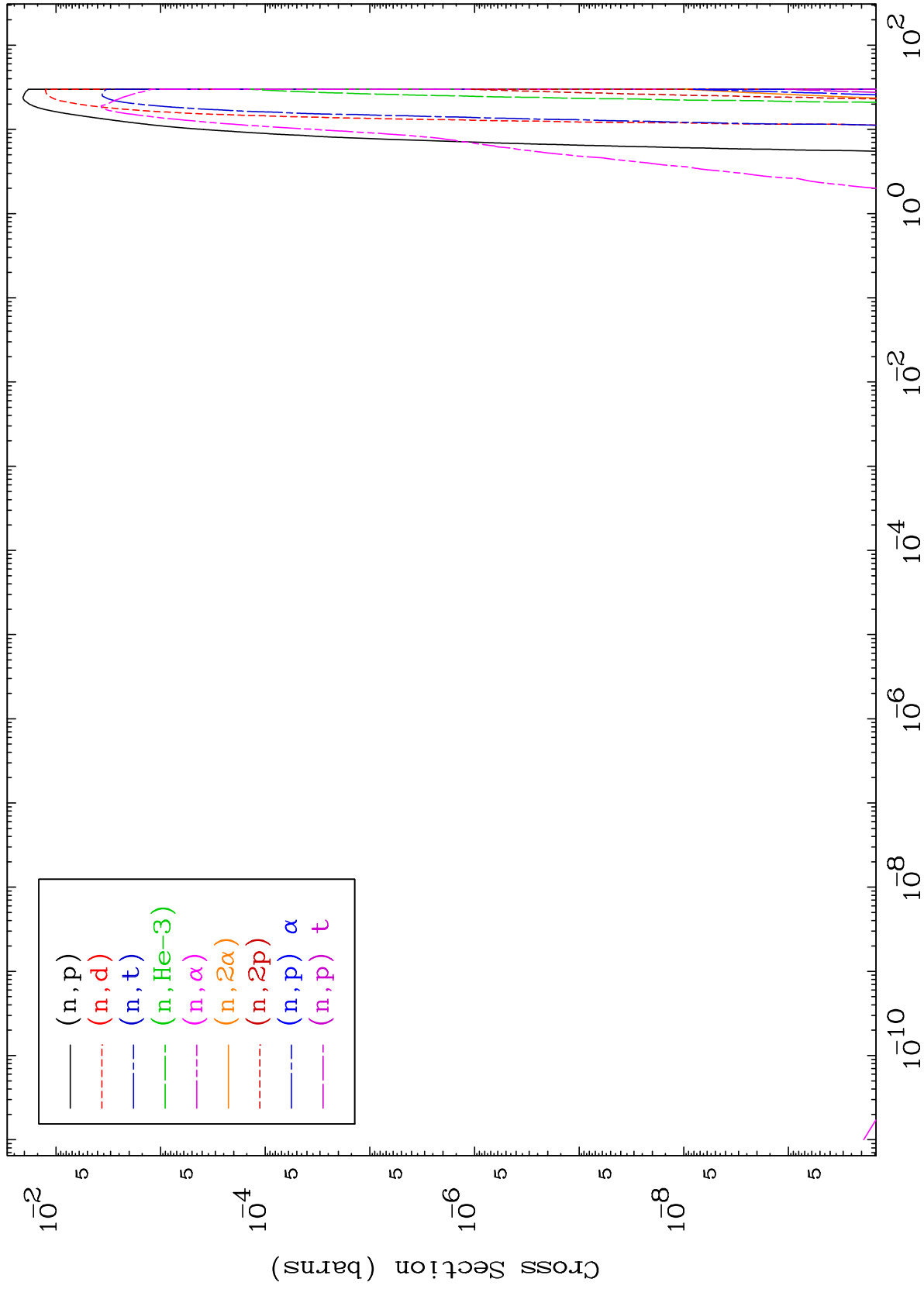




MAT 4252

Charged Particle
293 Kelvin Cross Sections

42-Mo-101



5

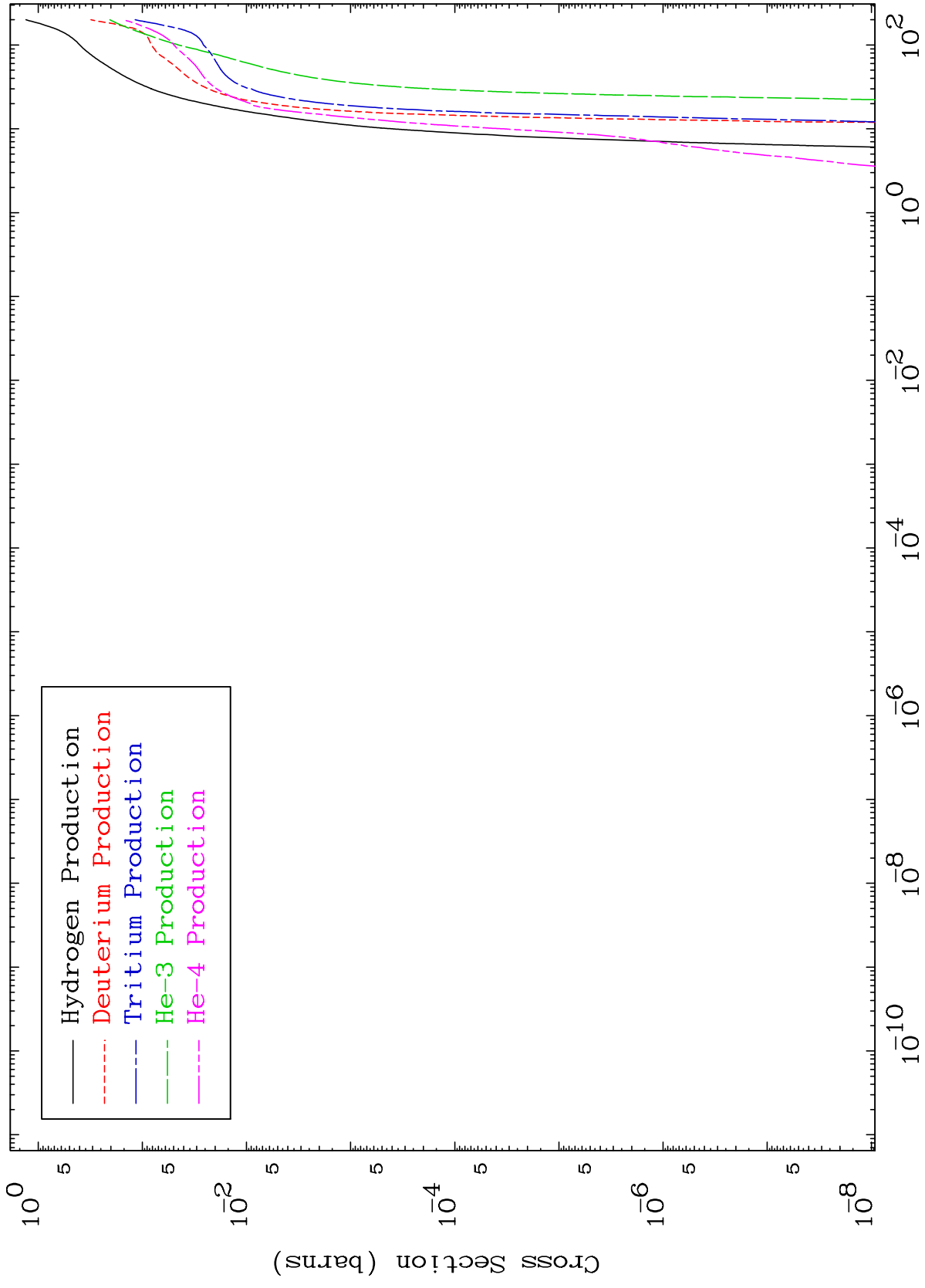
Incident Energy (MeV)

42-Mo-101

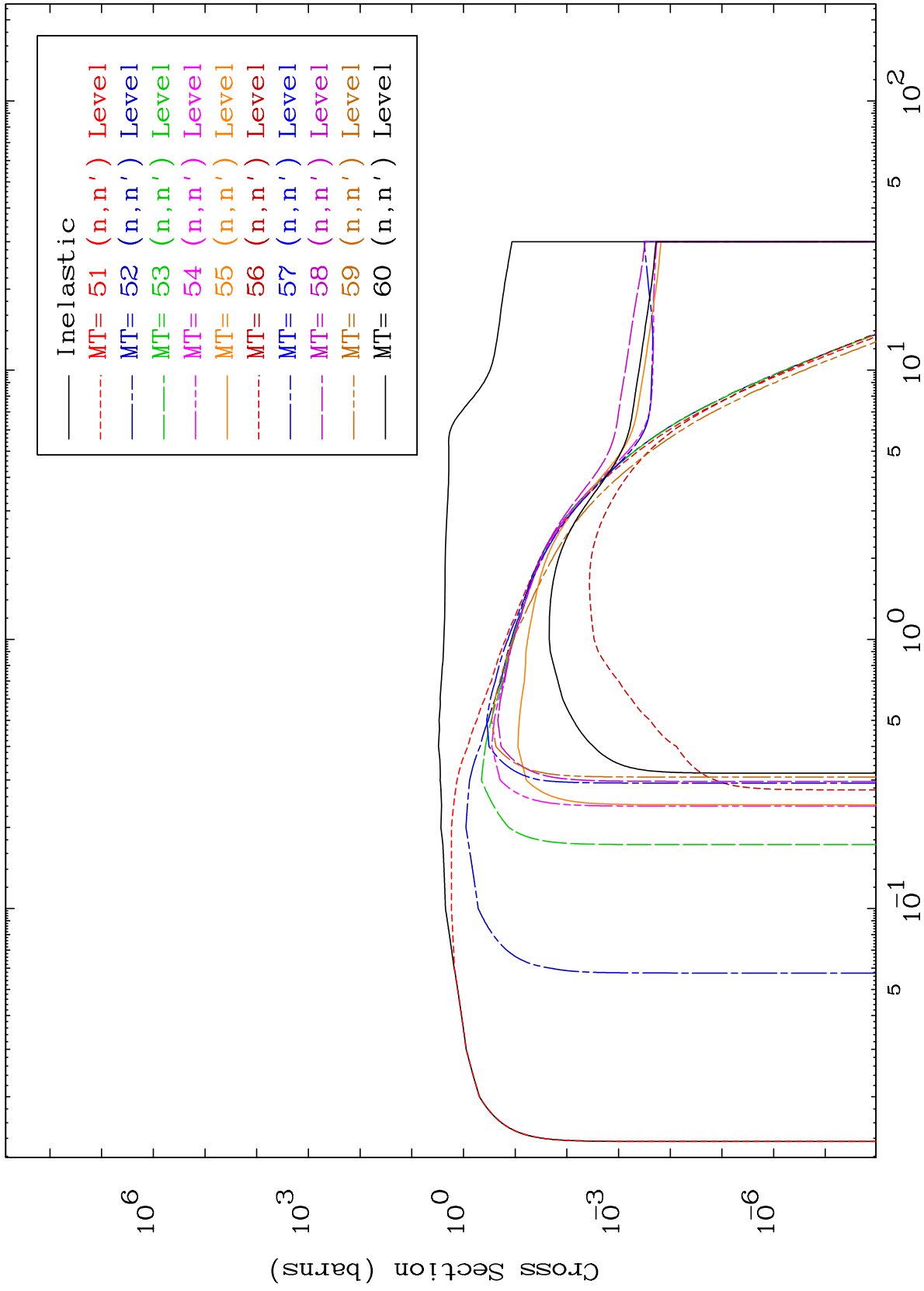
MAT 4252

Particle Production
293 Kelvin Cross Sections

42-Mo-101



293 Kelvin Cross Sections

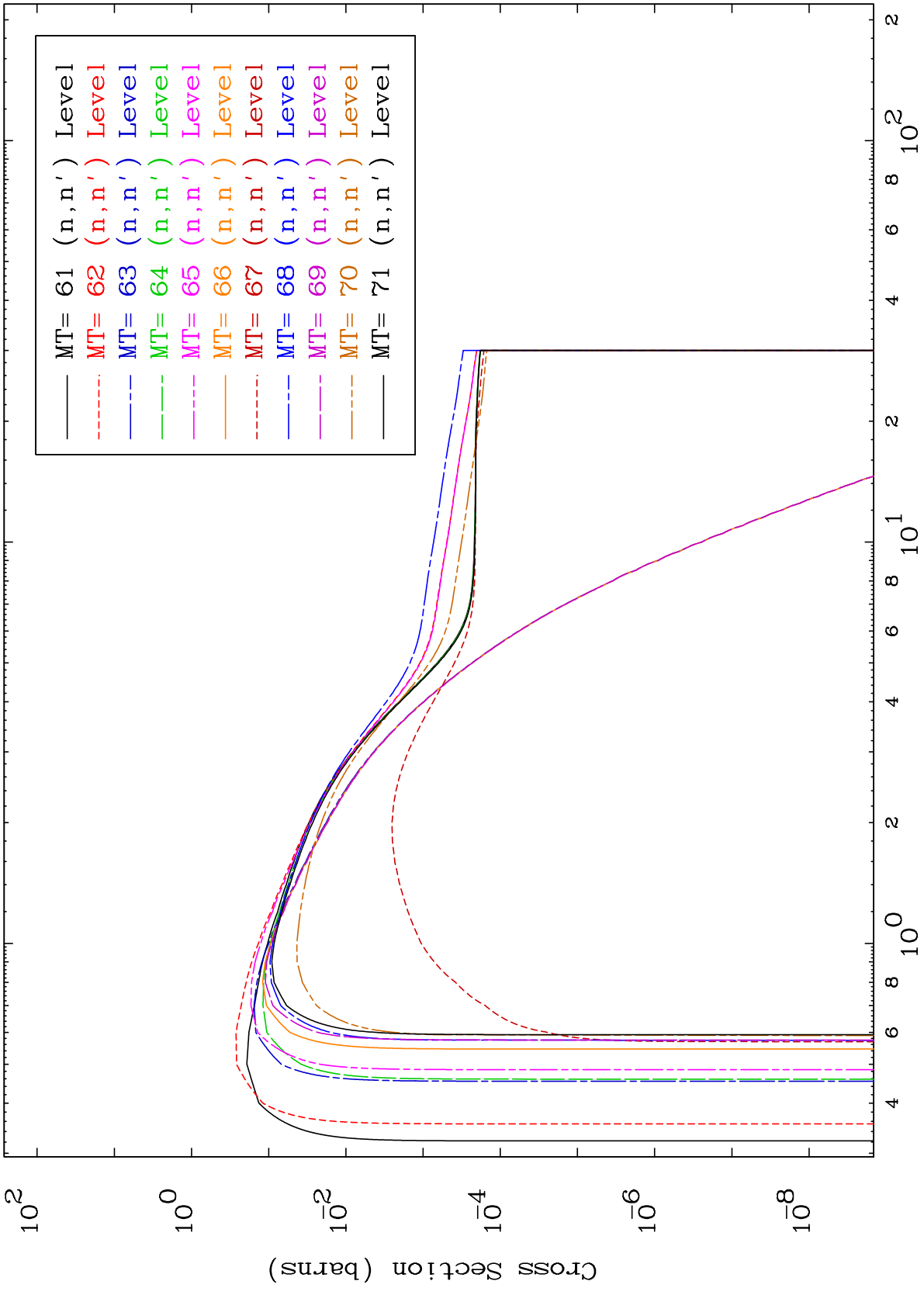


MAT 4252

(n,n') Level

42-Mo-101

293 Kelvin Cross Sections



8

Incident Energy (MeV)

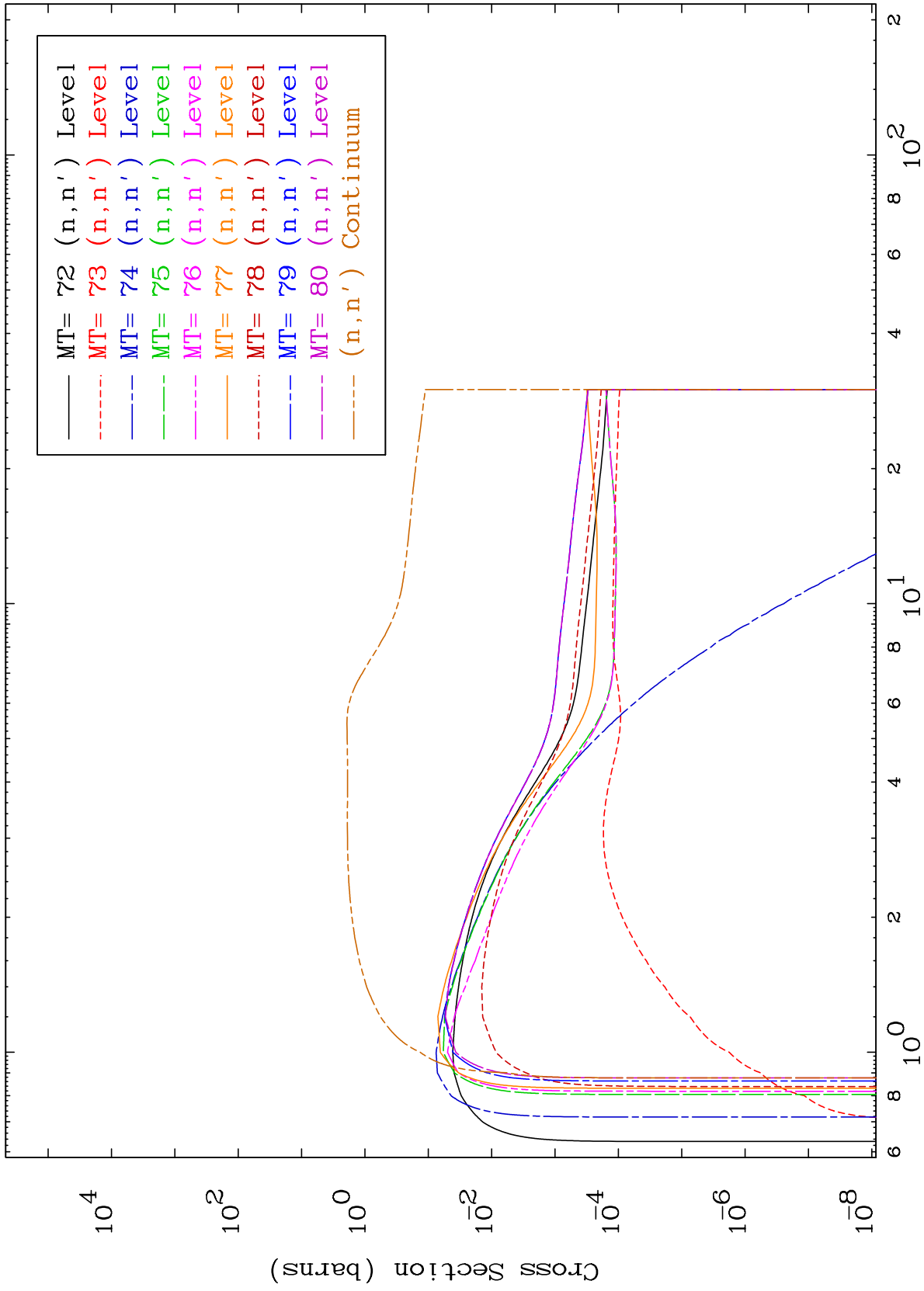
42-Mo-101

MAT 4252

(n,n') Level

42-Mo-101

293 Kelvin Cross Sections



9

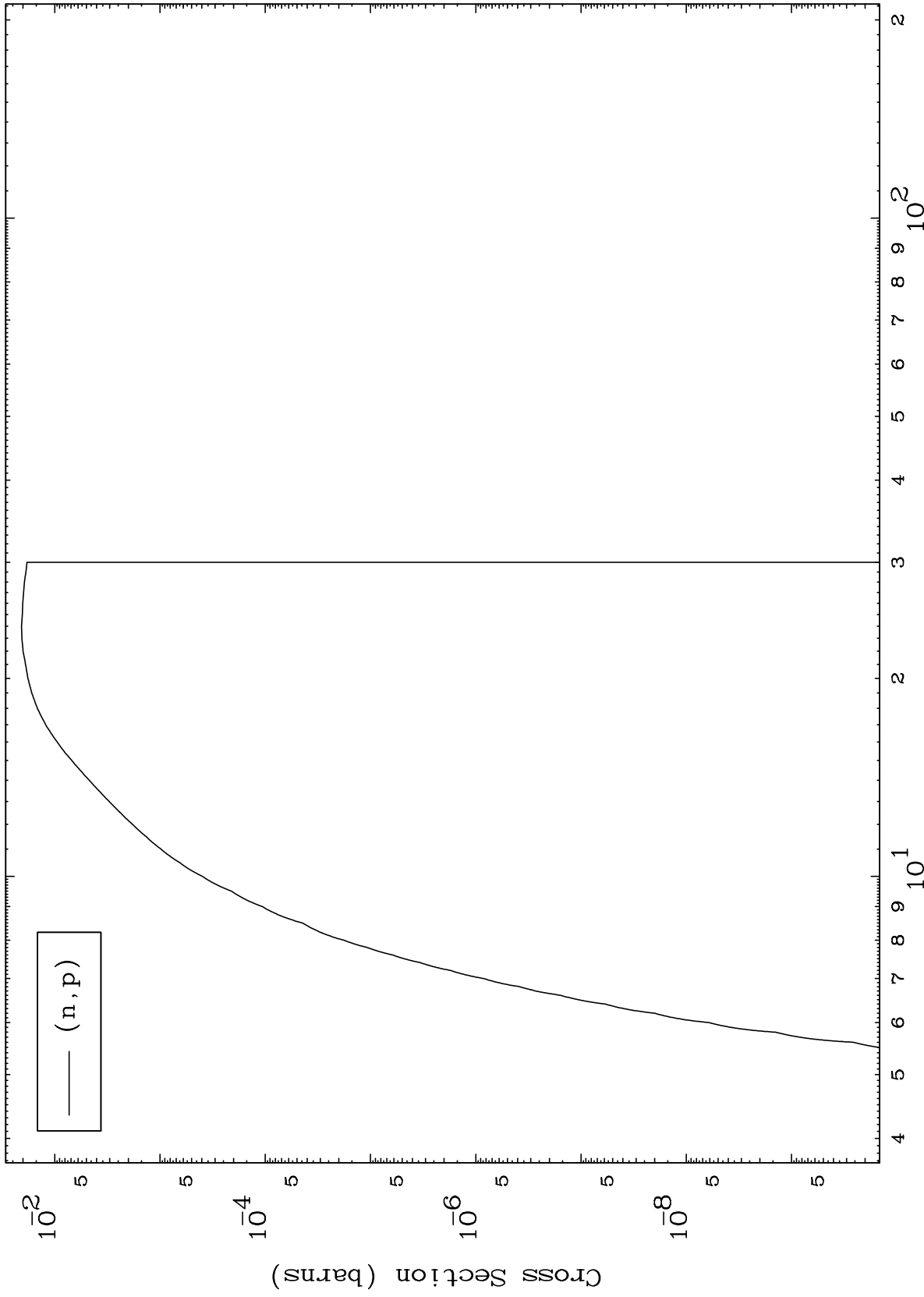
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,p) Levels
293 Kelvin Cross Sections

42-Mo-101



10

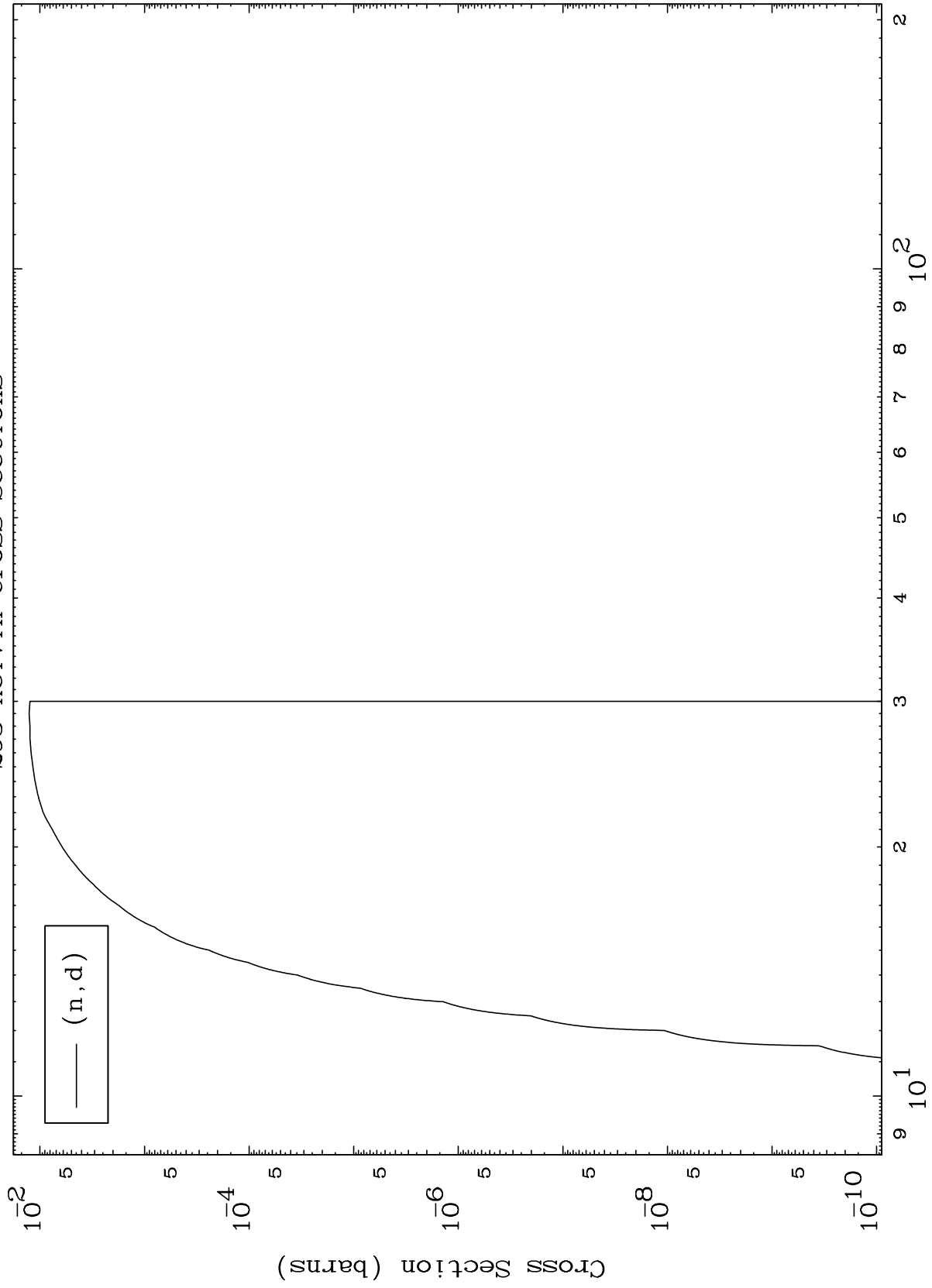
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-101



11

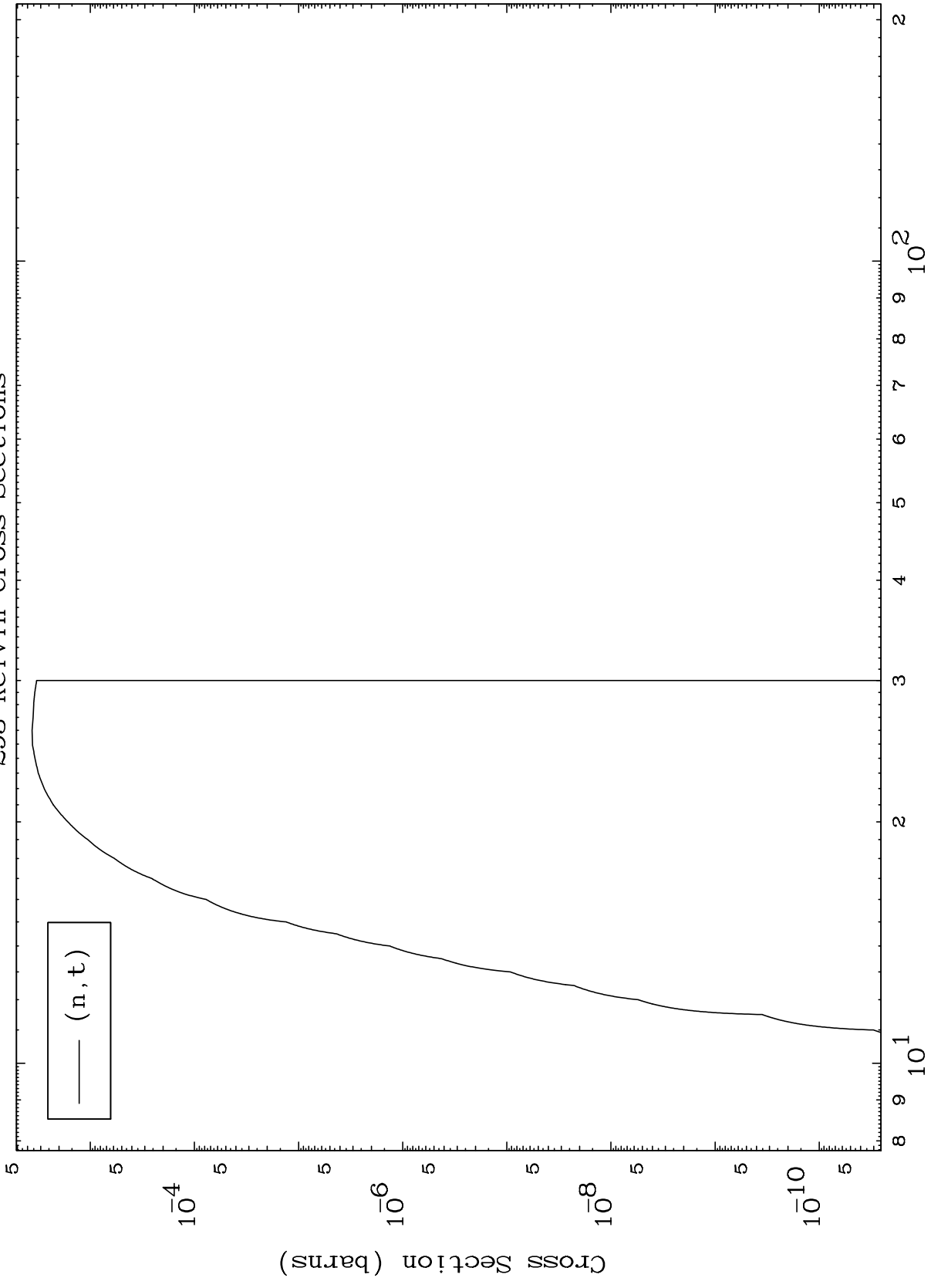
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-101



12

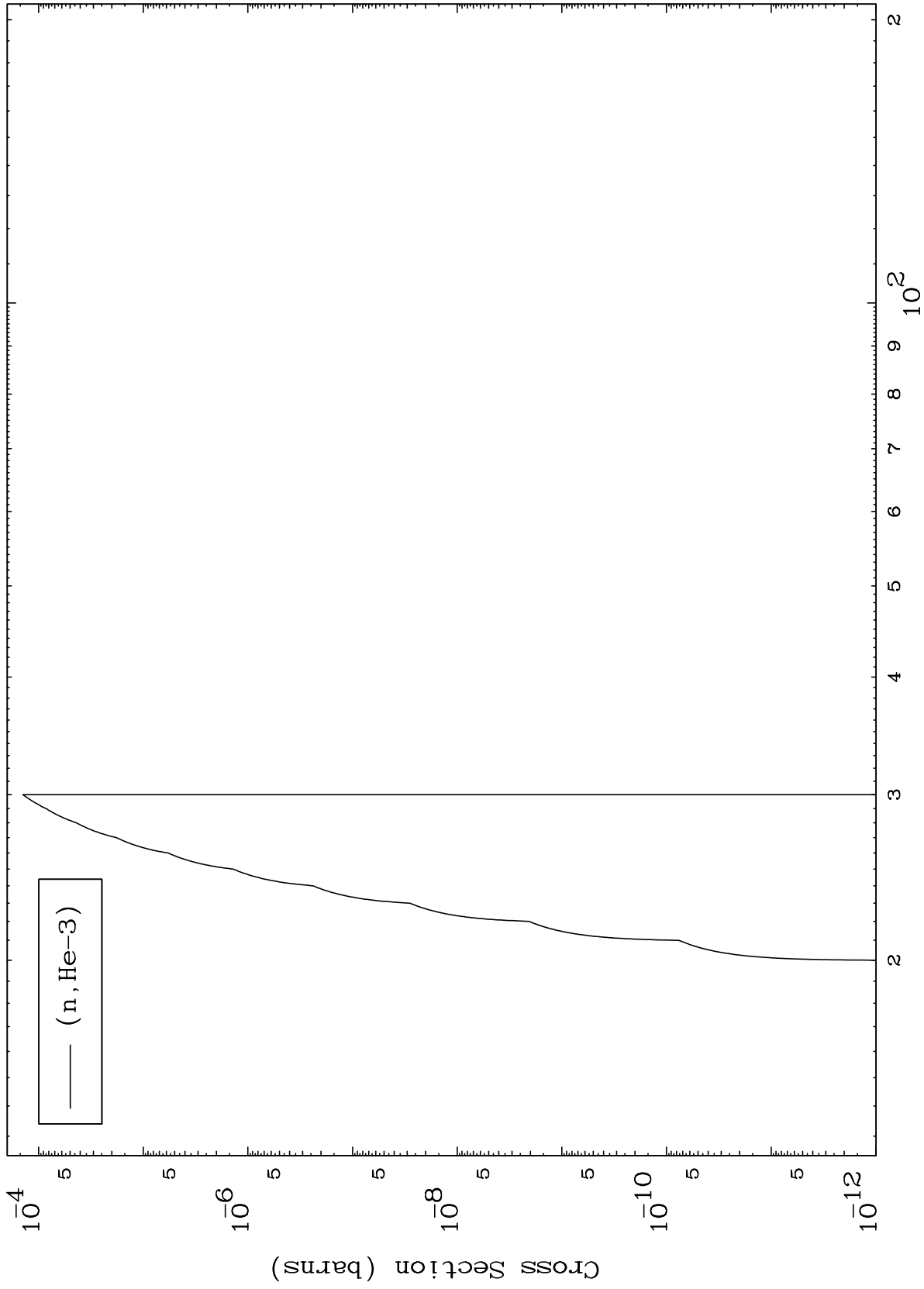
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-101



13

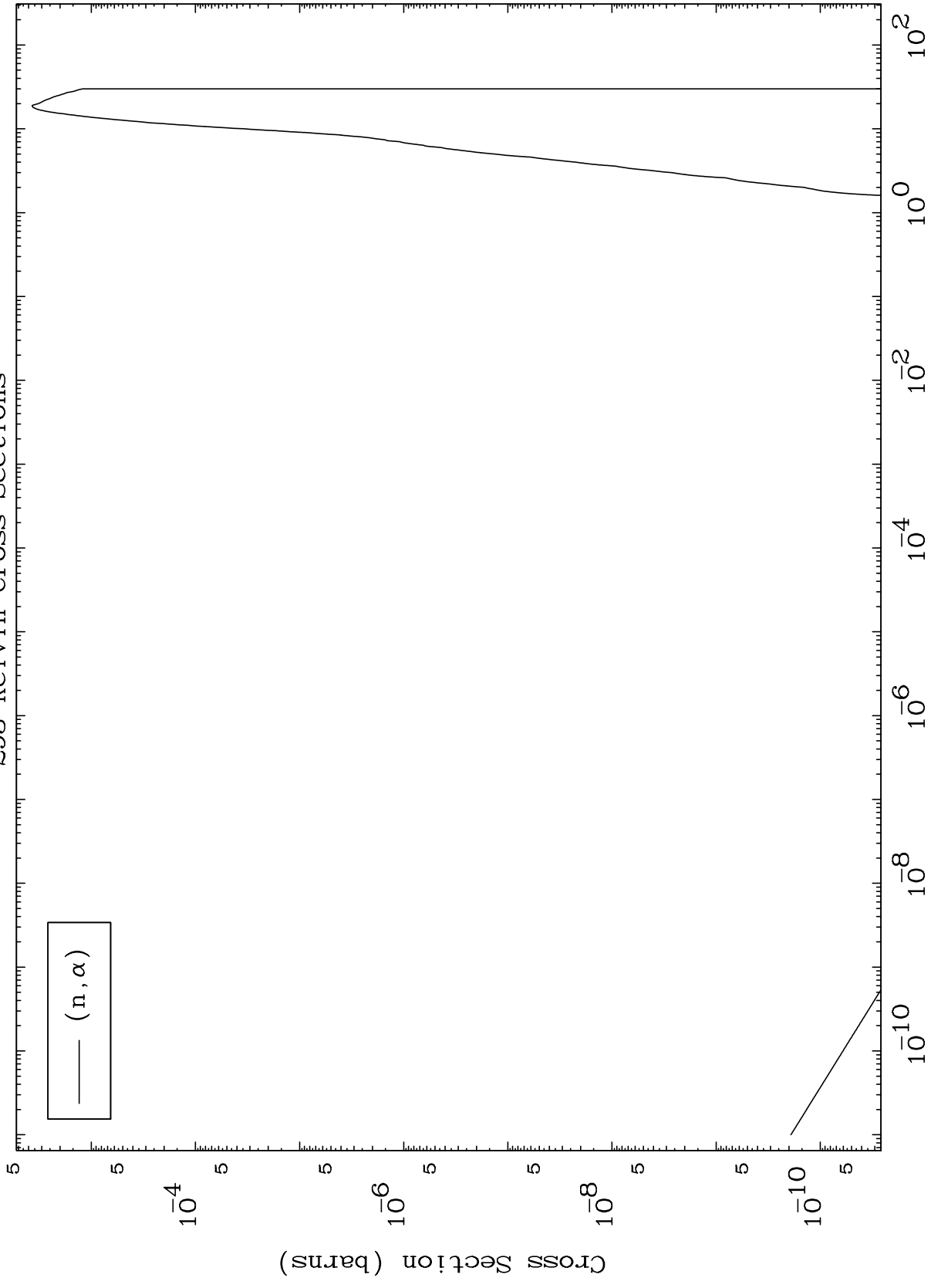
Incident Energy (MeV)

42-Mo-101

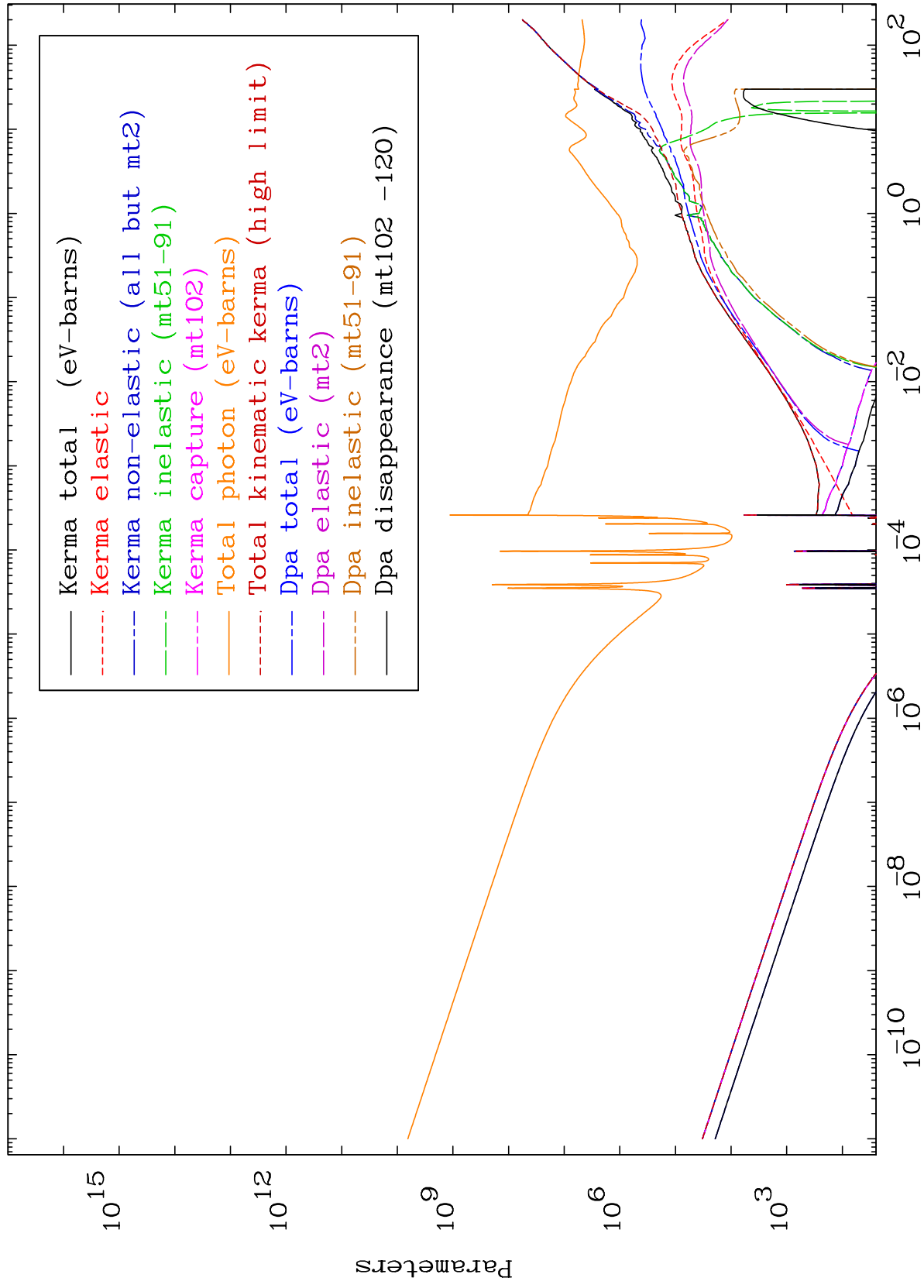
MAT 4252

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-101



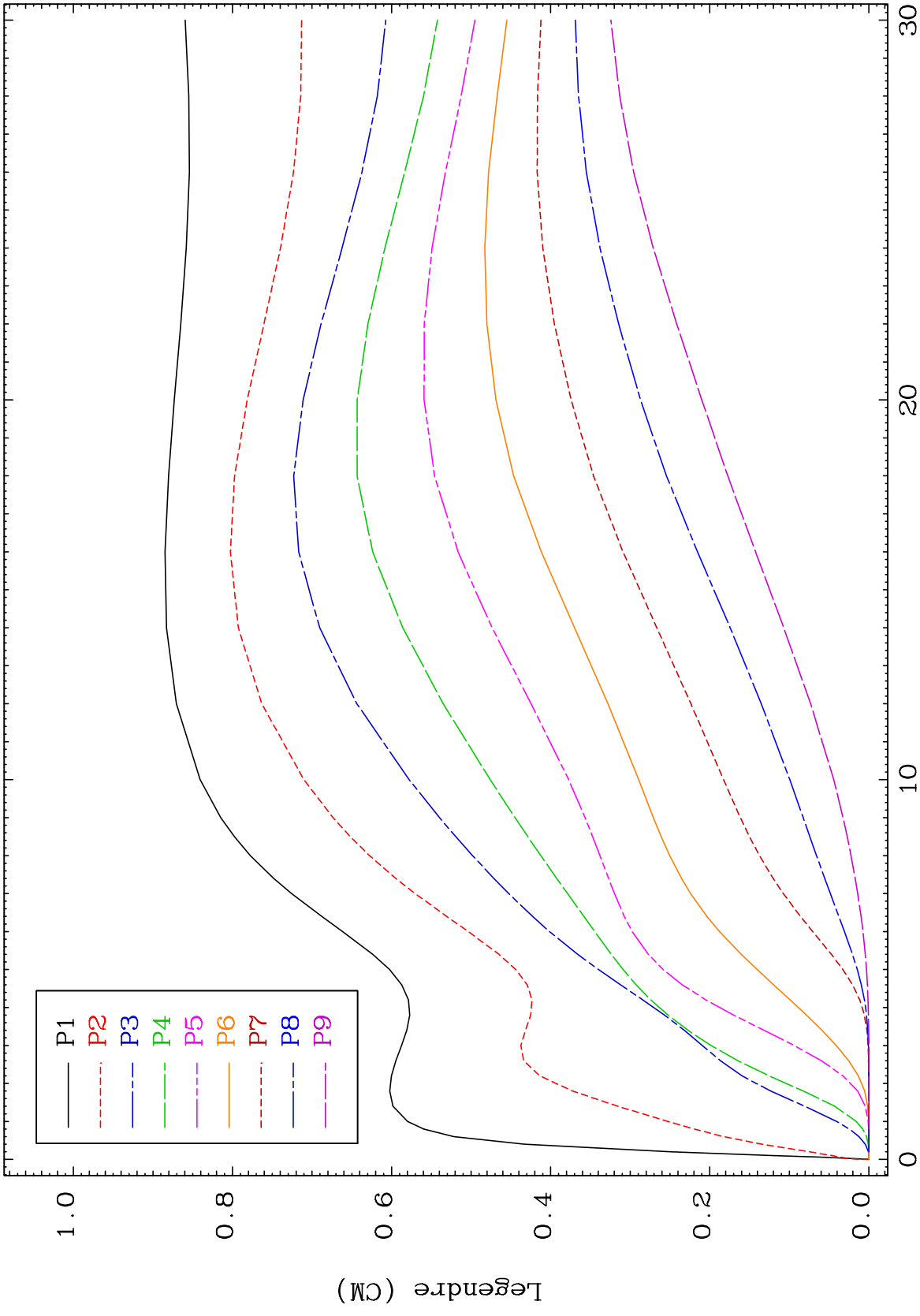
42-Mo-101



MAT 4252

Elastic Legendre Coefficients

42-Mo-101



16

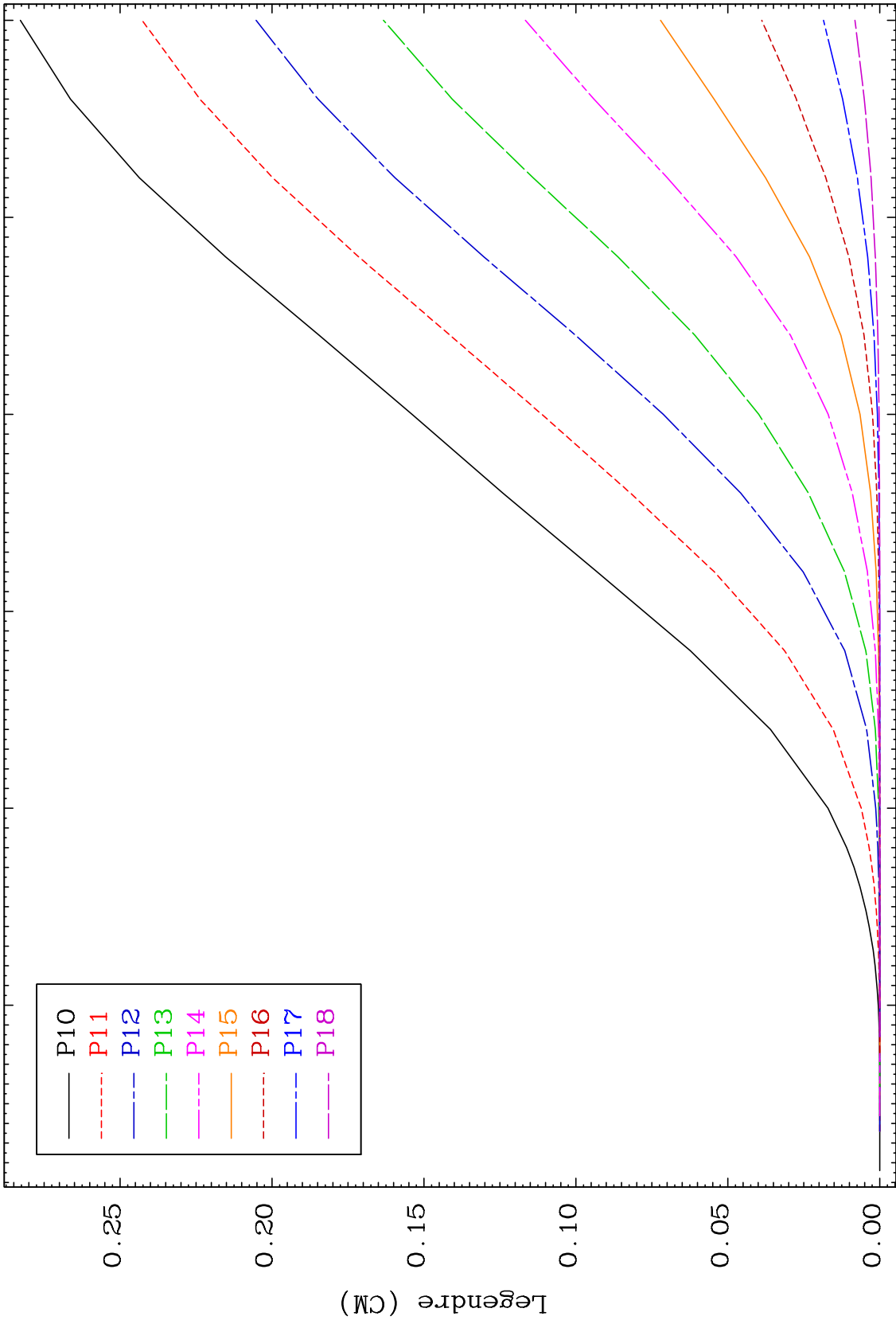
Incident Energy (MeV)

42-Mo-101

MAT 4252

Elastic Legendre Coefficients

42-Mo-101



17

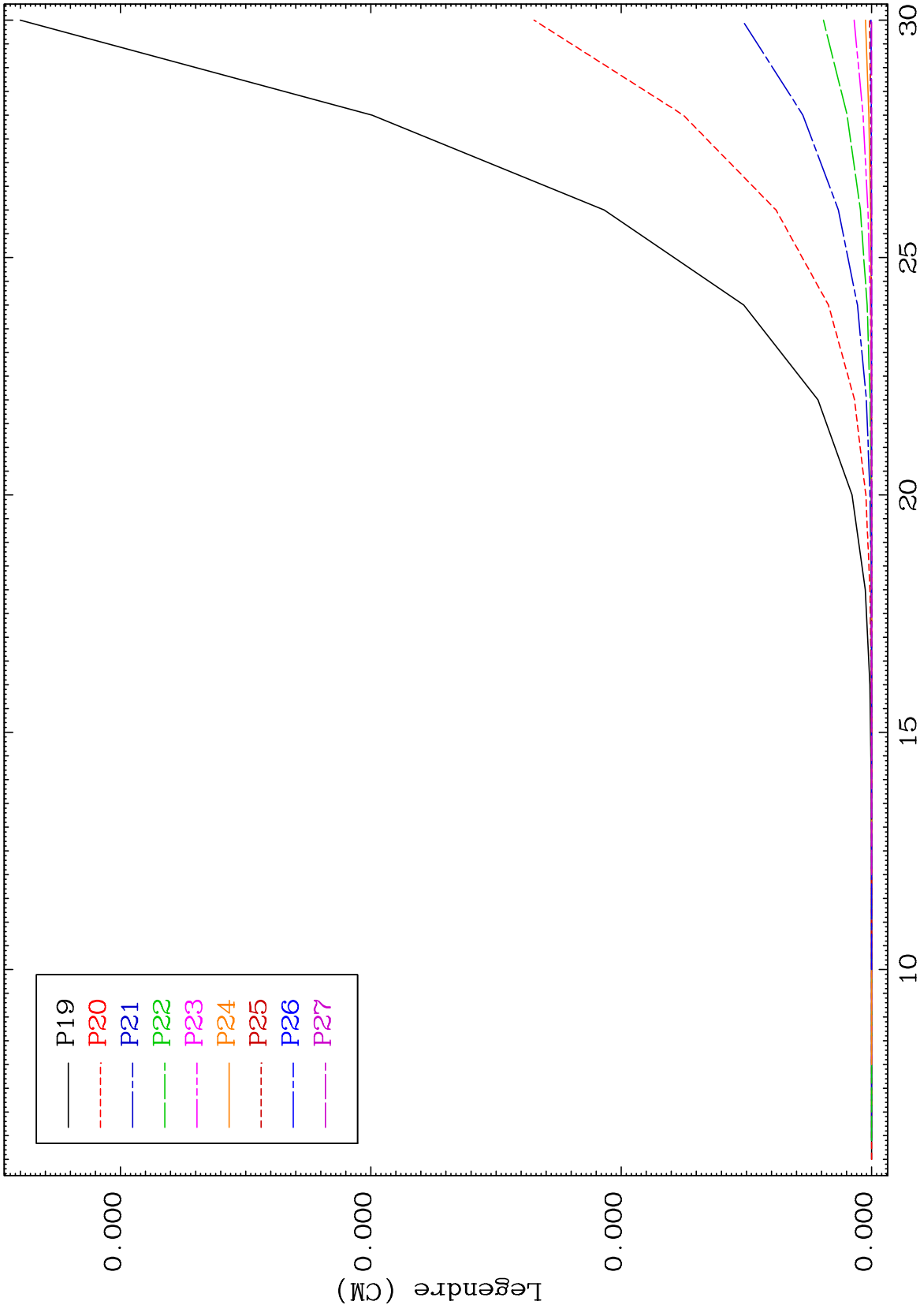
Incident Energy (MeV)

42-Mo-101

MAT 4252

Elastic Legendre Coefficients

42-Mo-101



18

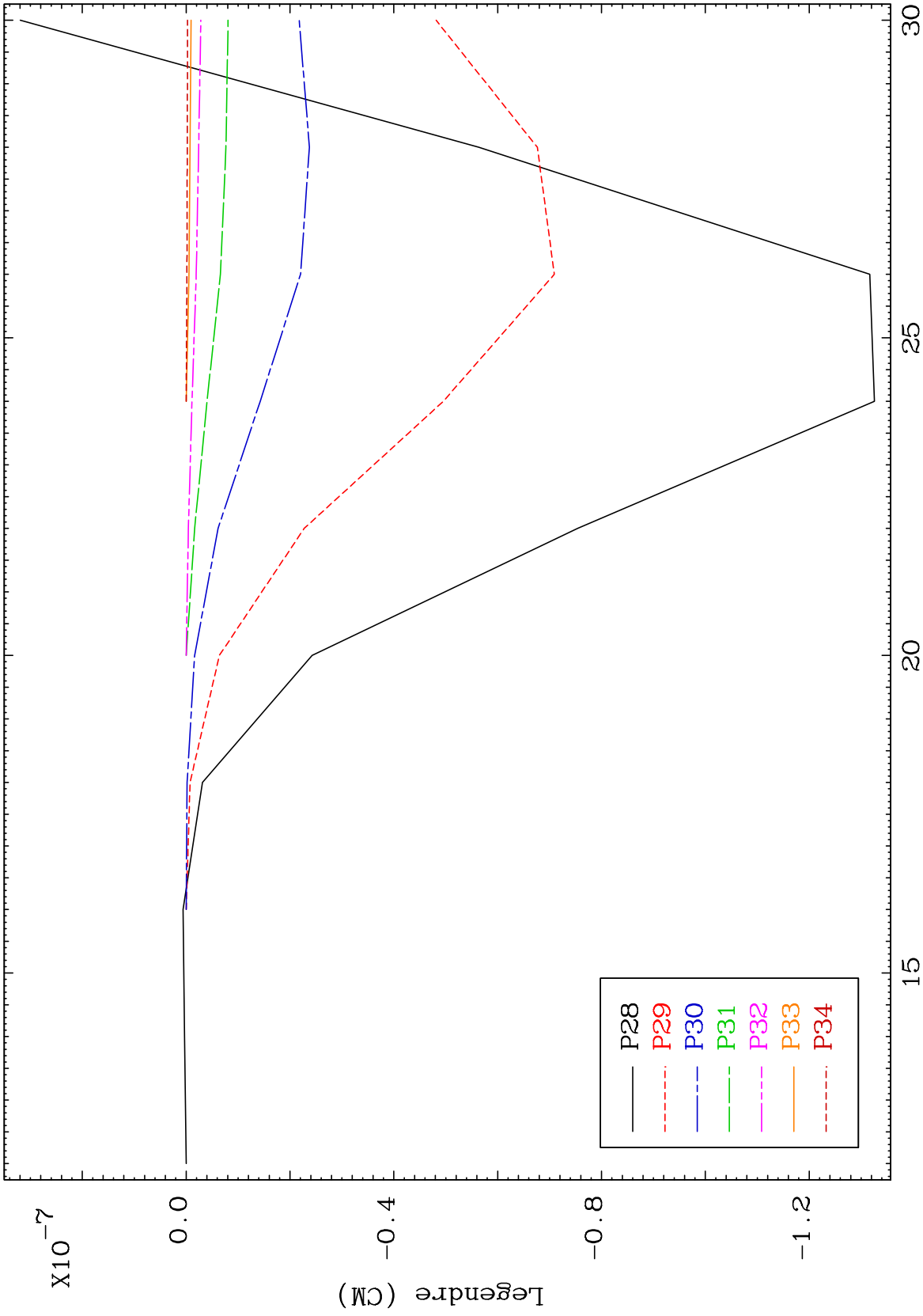
Incident Energy (MeV)

42-Mo-101

MAT 4252

Elastic Legendre Coefficients

42-Mo-101

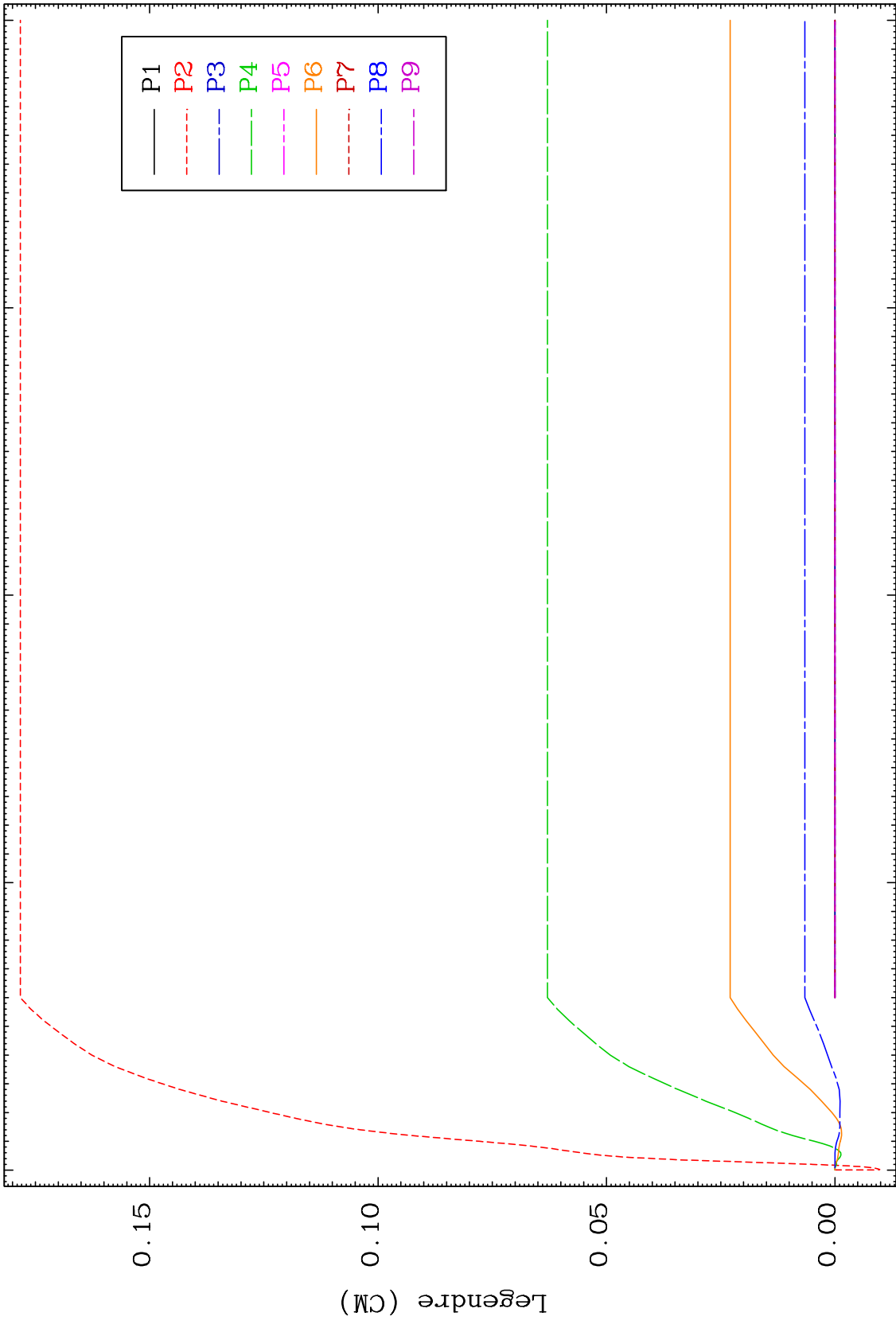


19

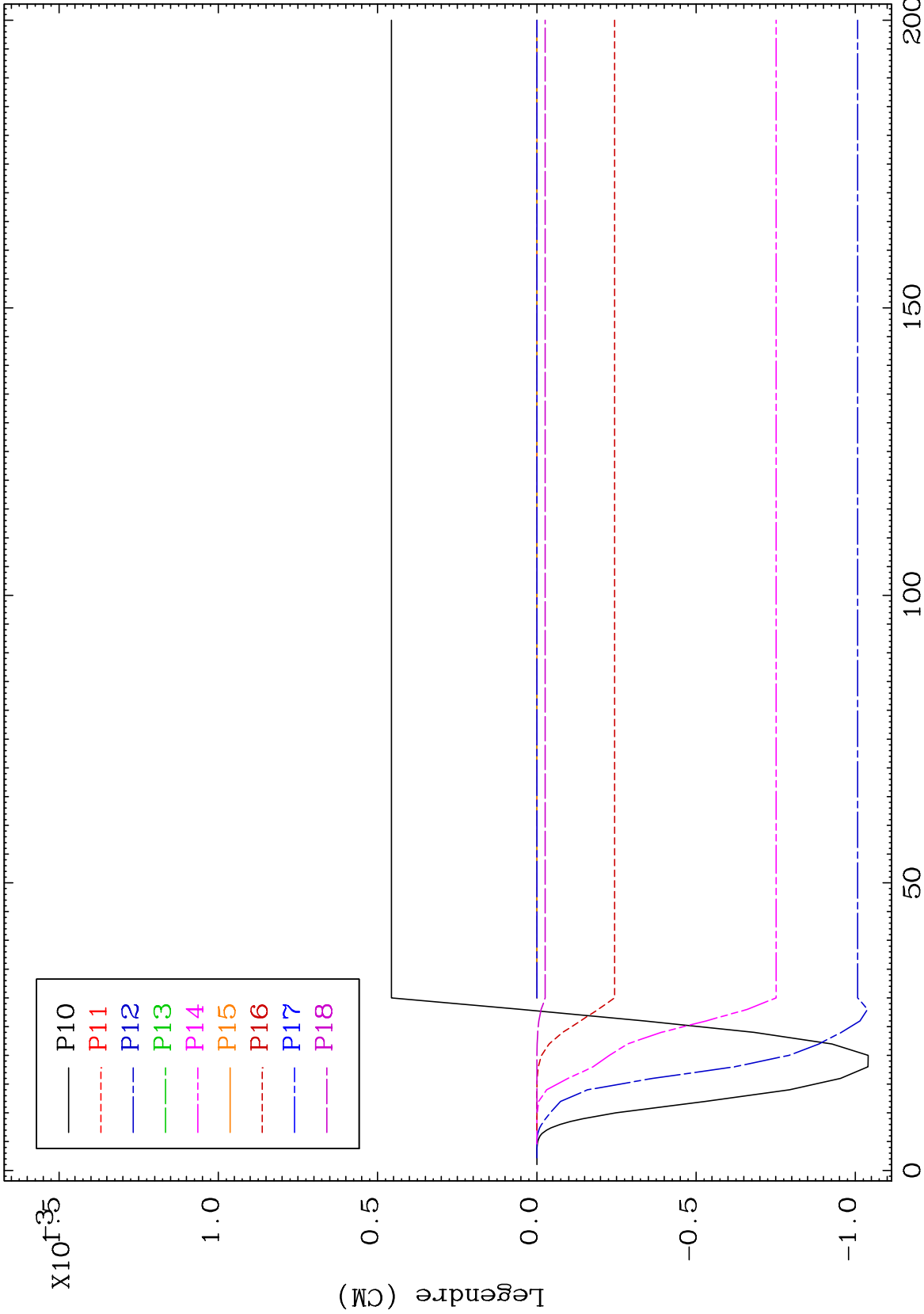
Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 51 (n,n') Level Legendre Coefficients 42-Mo-101



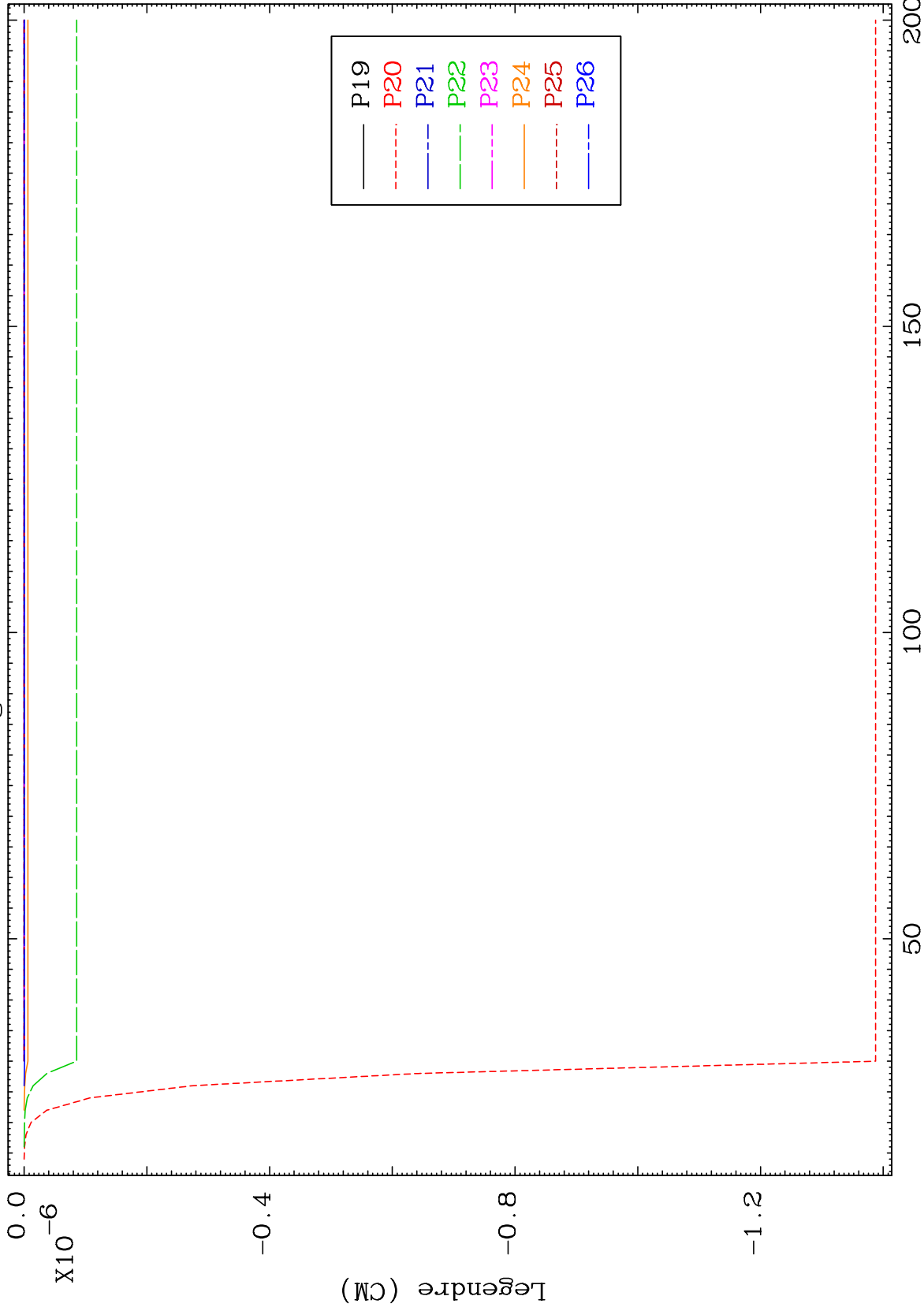
Legendre (CM) Incident Energy (MeV) 42-Mo-101



MAT 4252

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

42-Mo-101



42-Mo-101

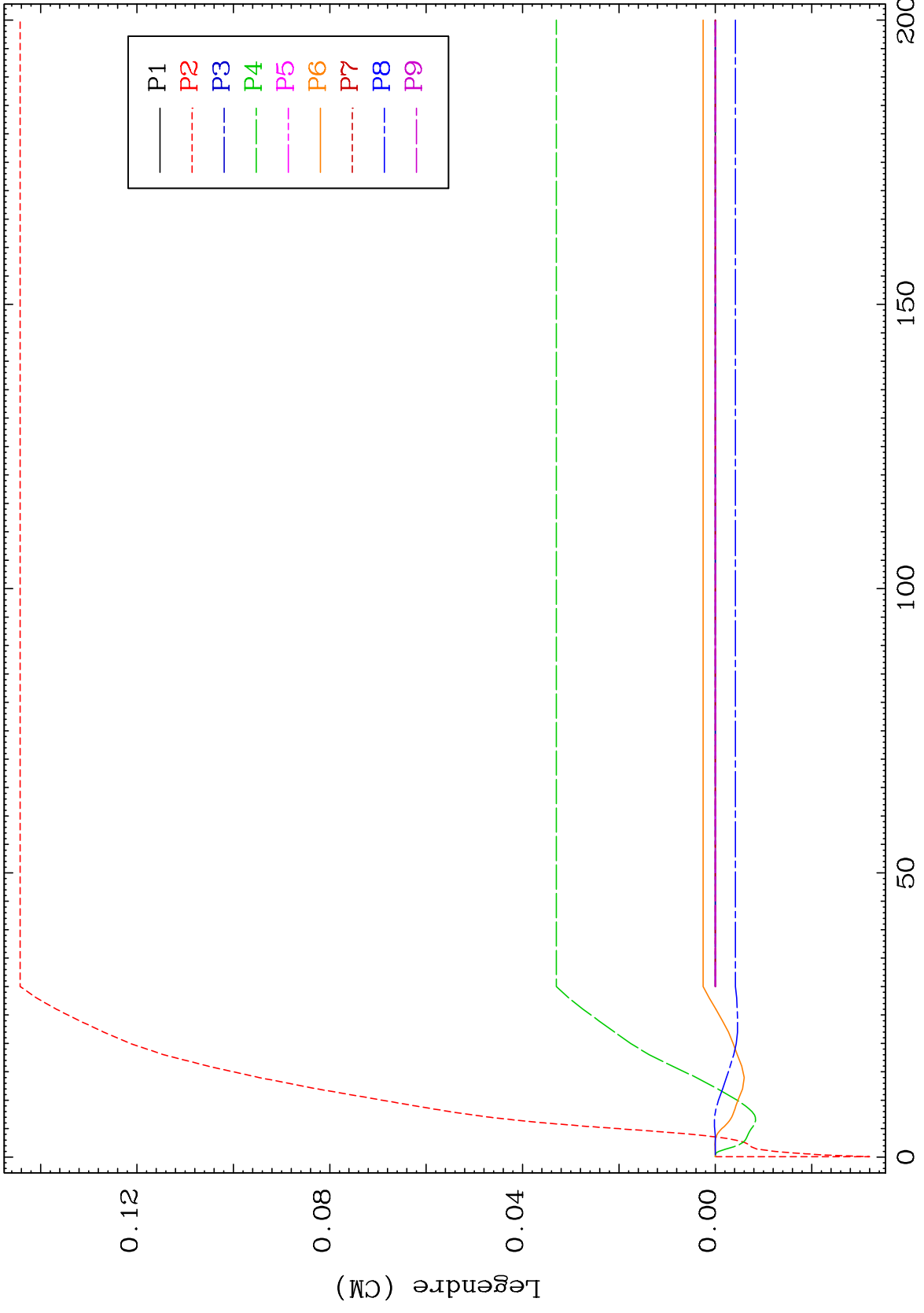
Incident Energy (MeV)

22

MAT 4252

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

42-Mo-101

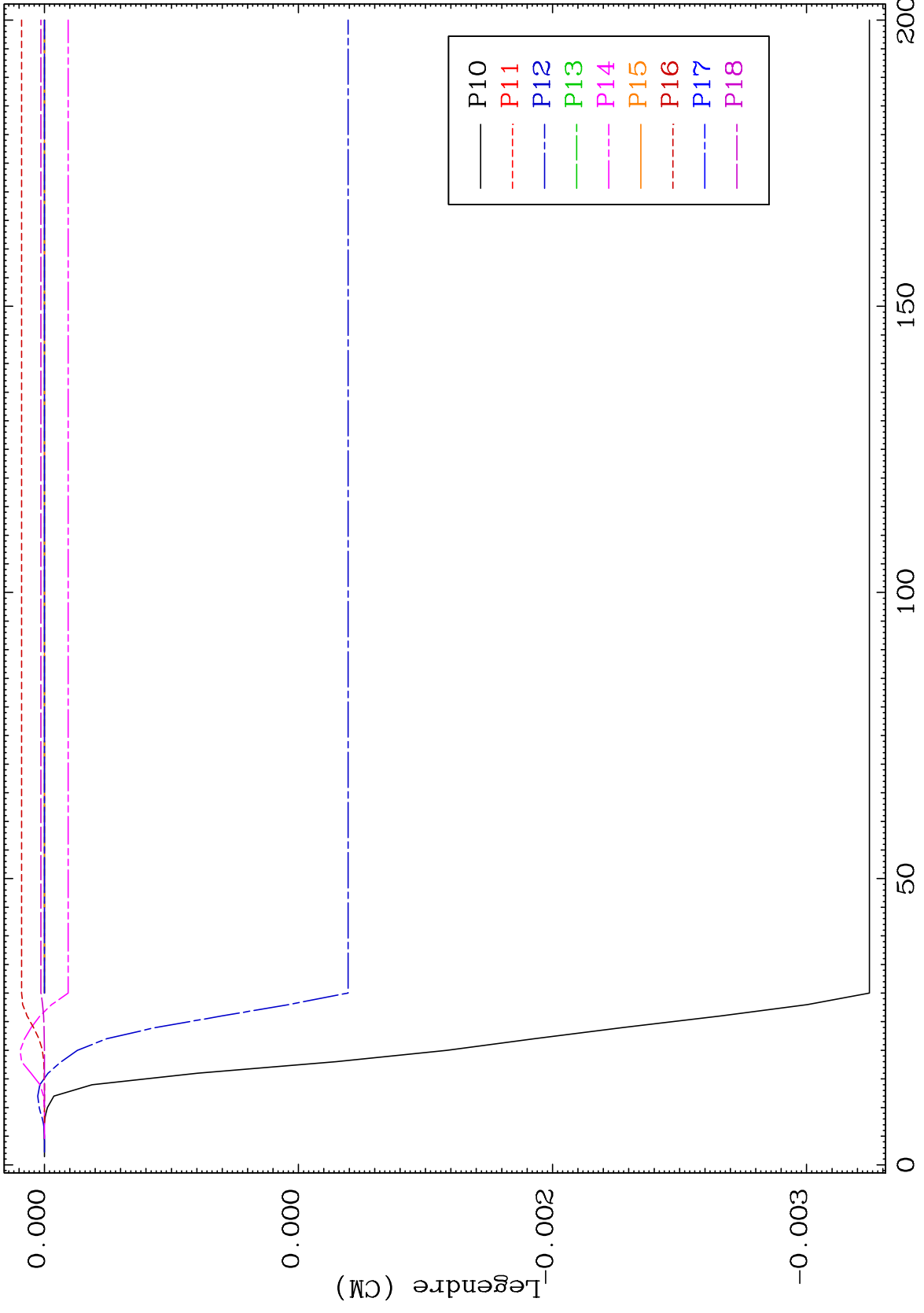


23

Incident Energy (MeV)

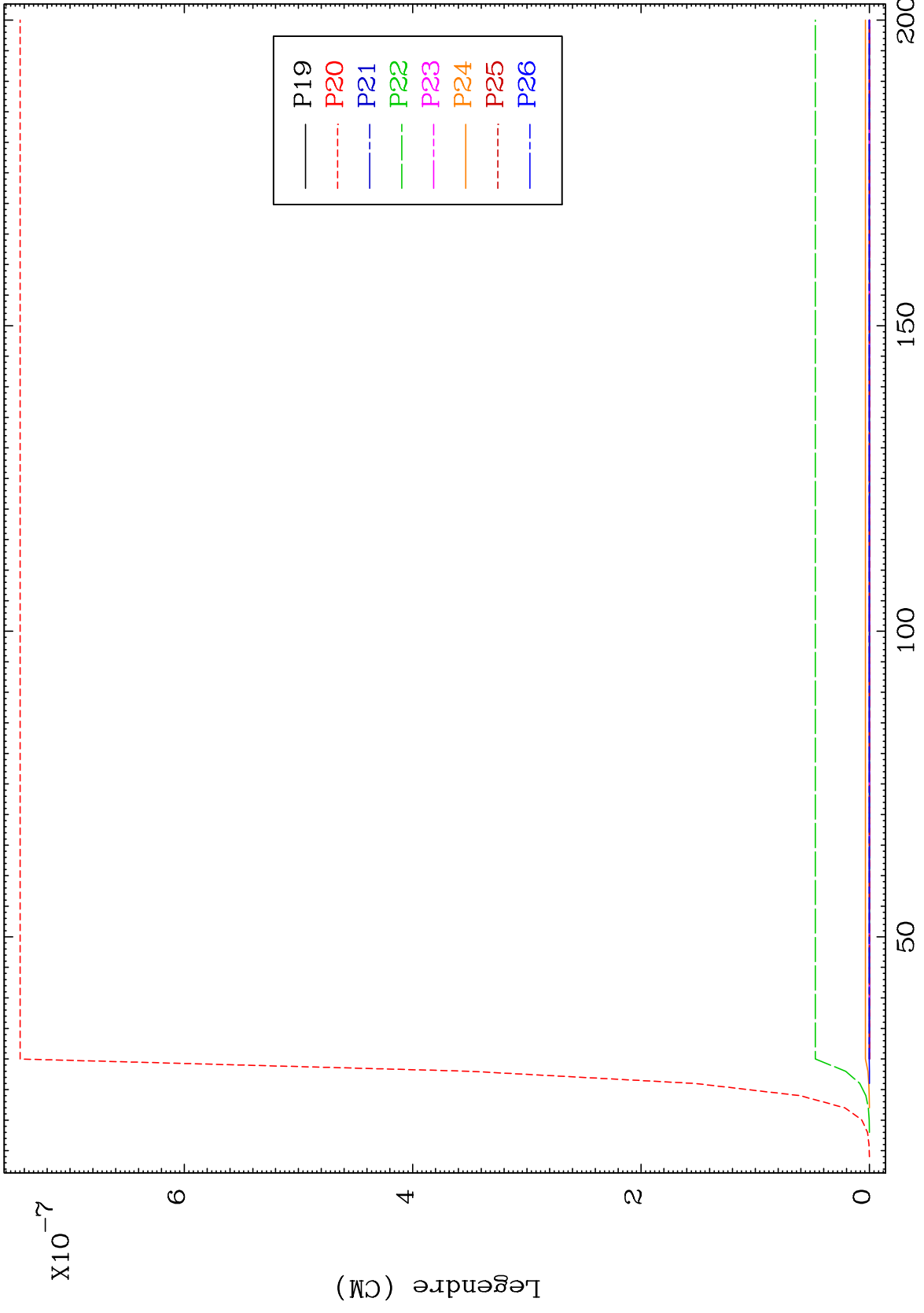
42-Mo-101

MAT 4252 MT= 52 (n,n') Level Legendre Coefficients 42-Mo-101



24 42-Mo-101

MAT 4252 MT= 52 (n,n') Level Legendre Coefficients 42-Mo-101

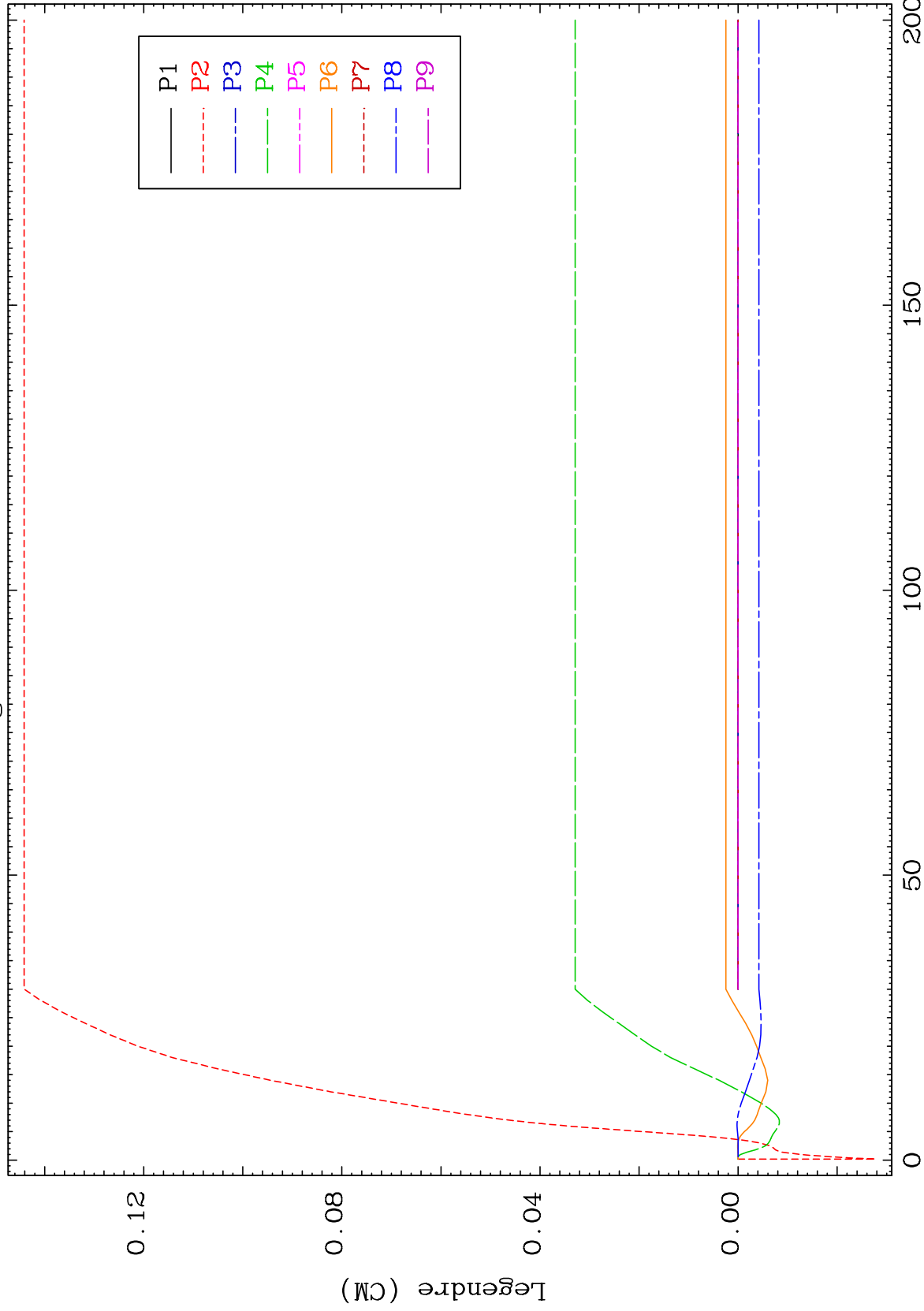


42-Mo-101

MAT 4252

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

42-Mo-101



26

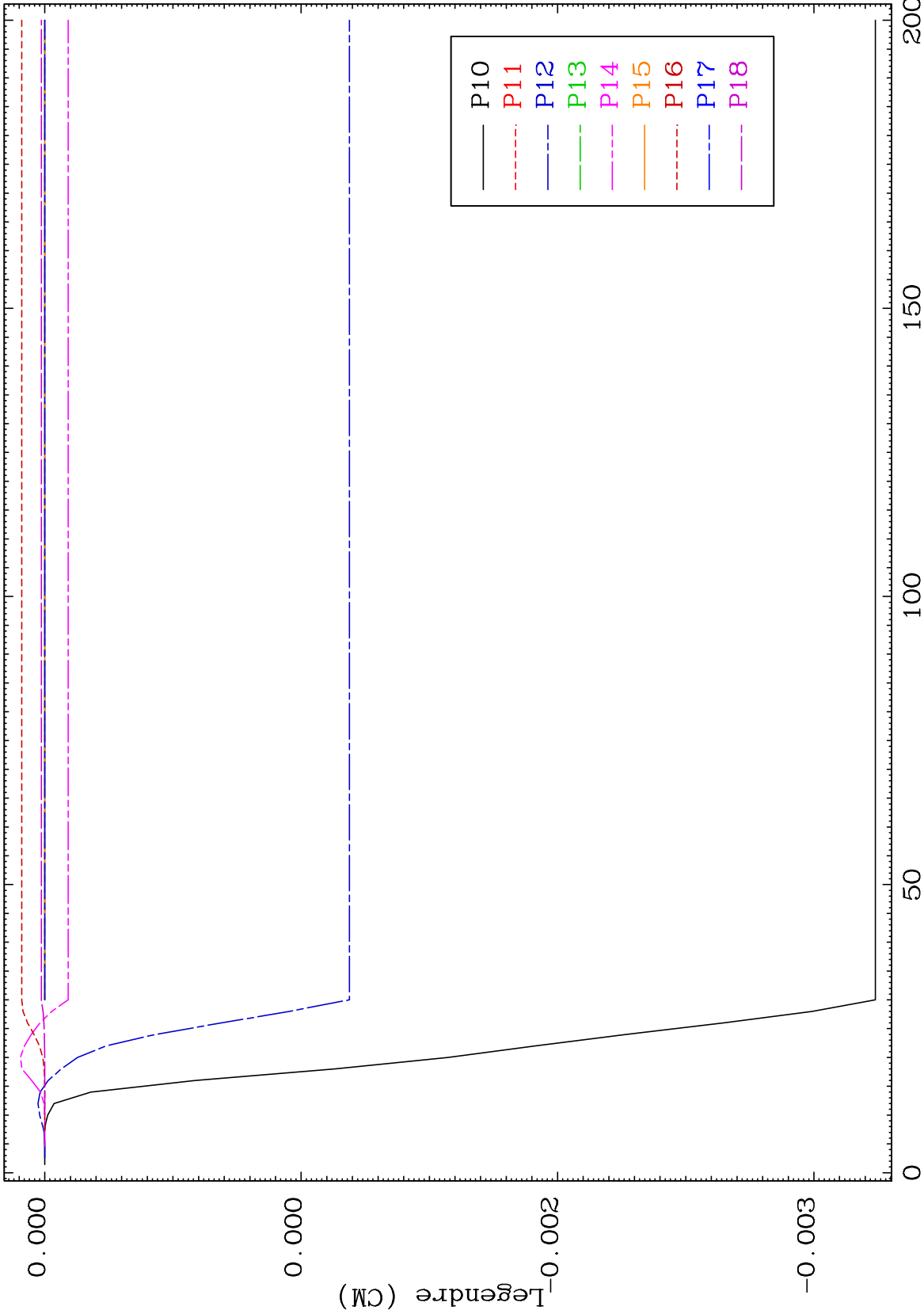
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



27

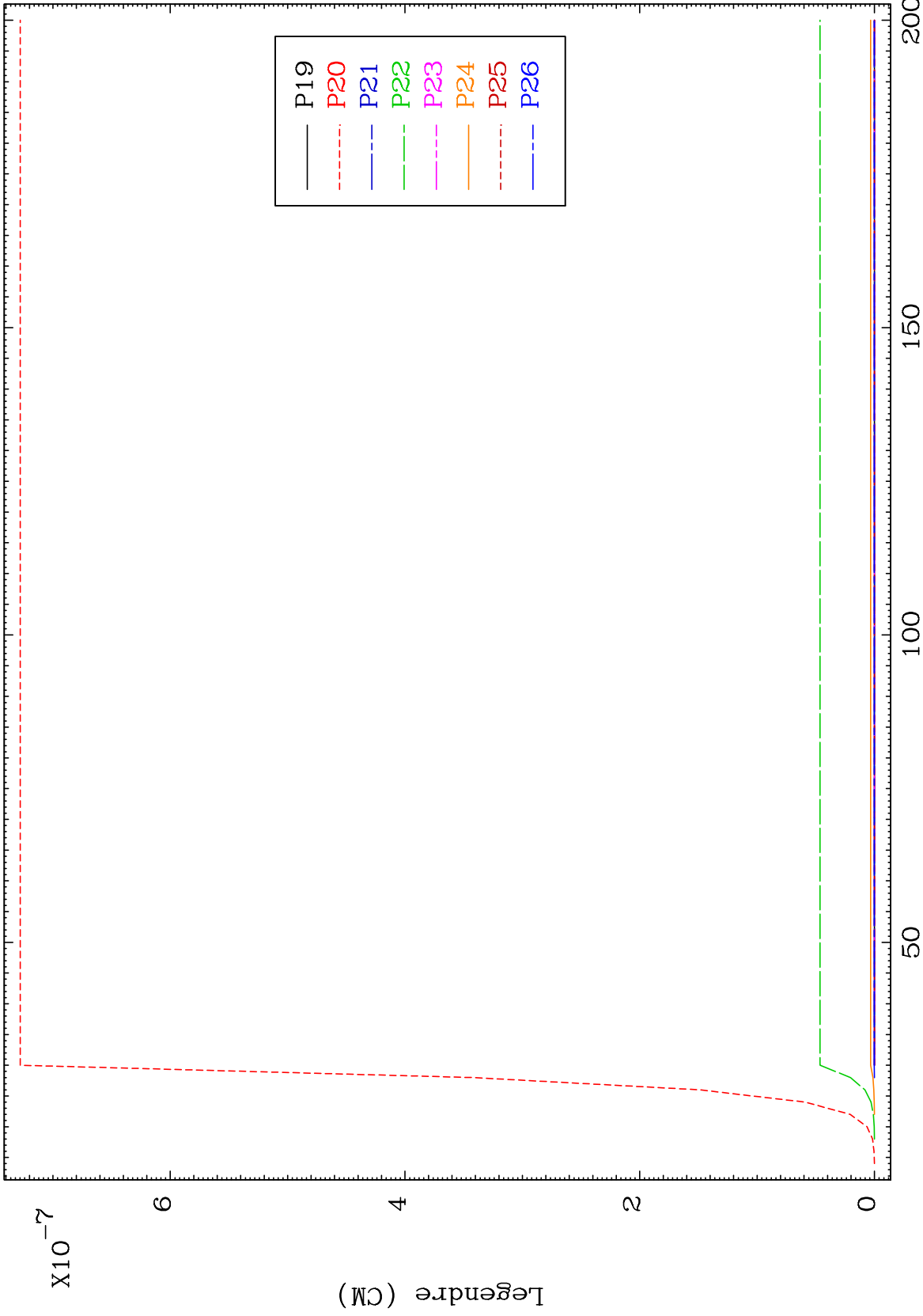
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



28

Incident Energy (MeV)

42-Mo-101

MAT 4252

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

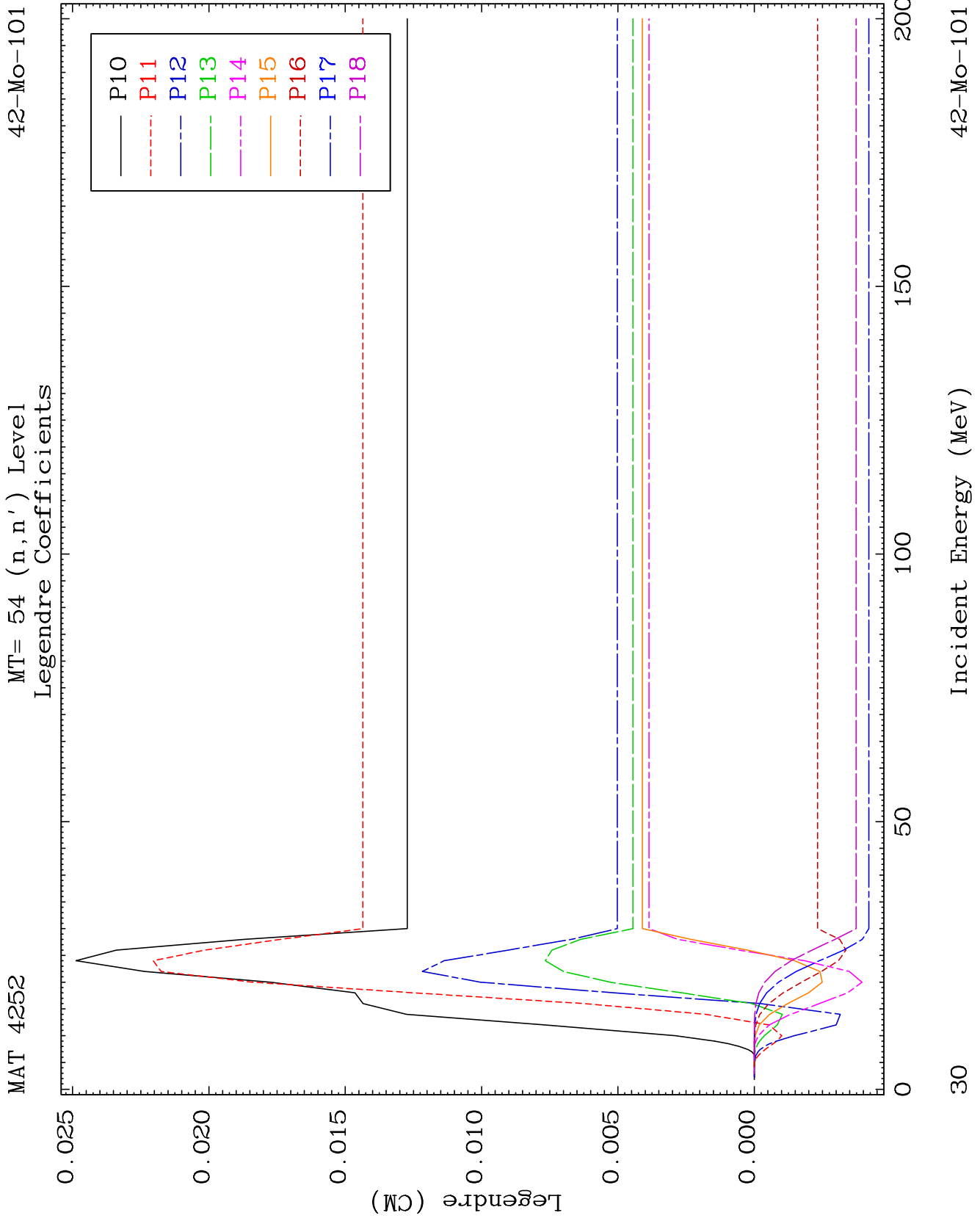
42-Mo-101



29

Incident Energy (MeV)

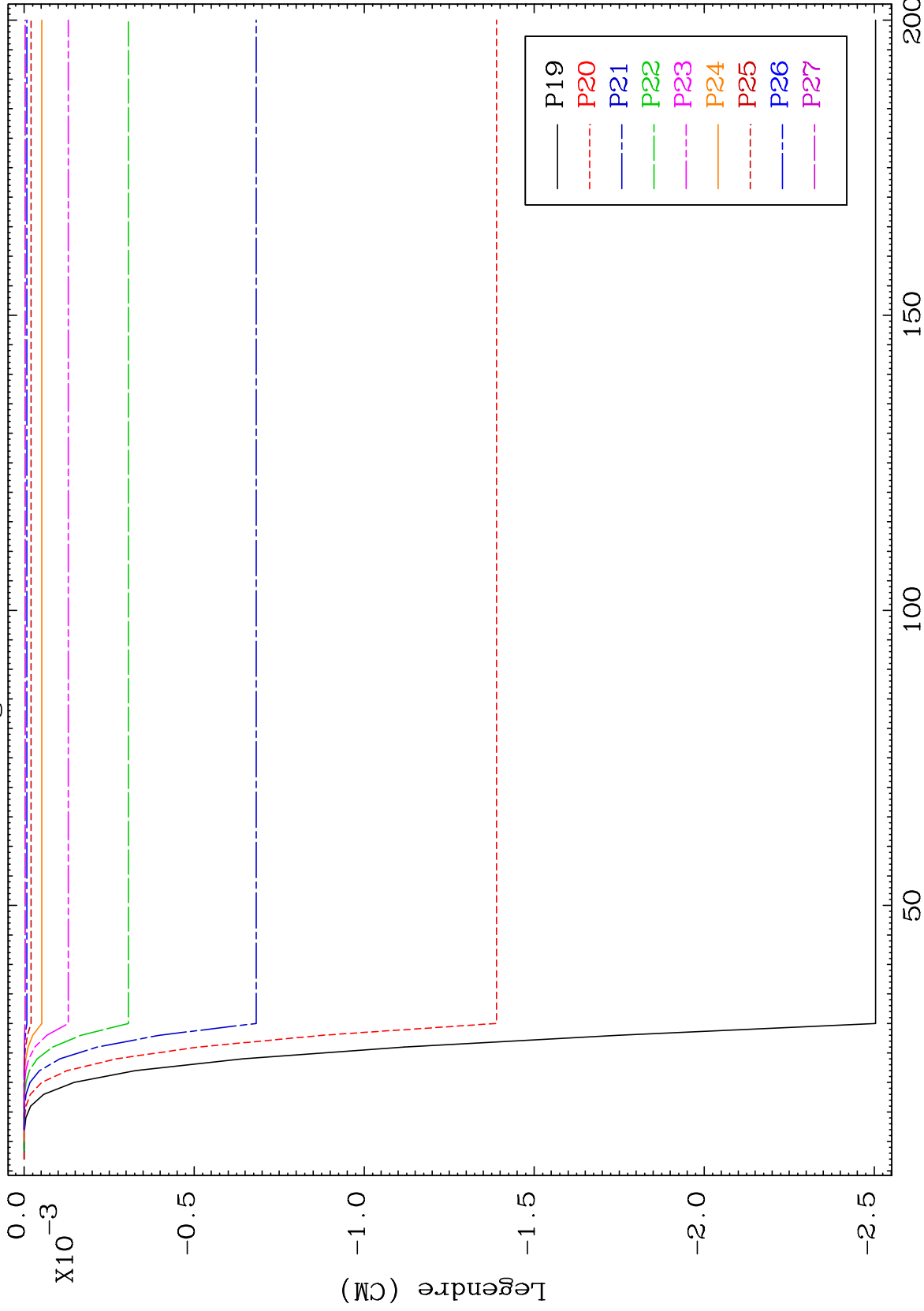
42-Mo-101



MAT 4252

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

42-Mo-101



42-Mo-101

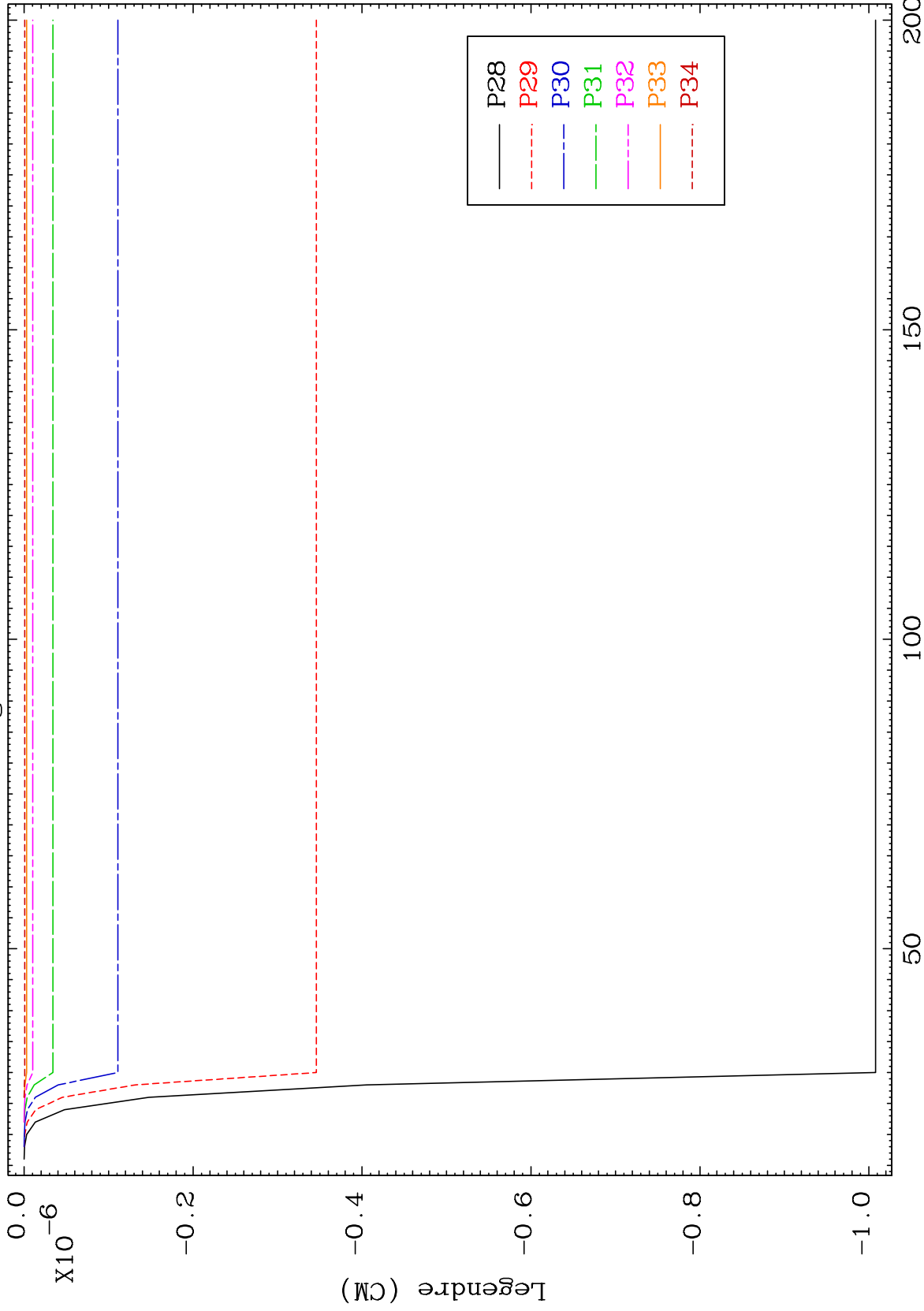
Incident Energy (MeV)

31

MAT 4252

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

42-Mo-101



32

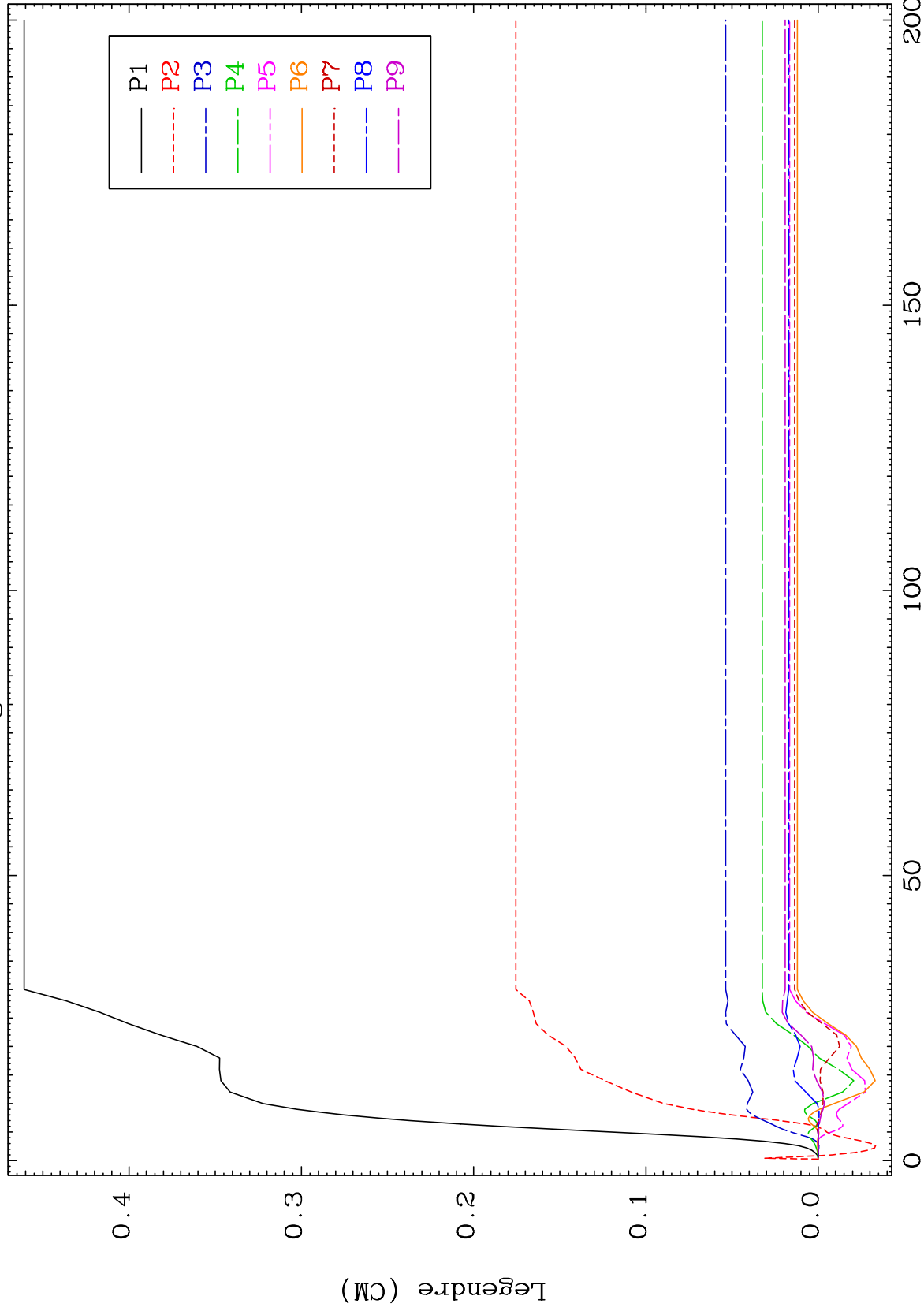
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



33

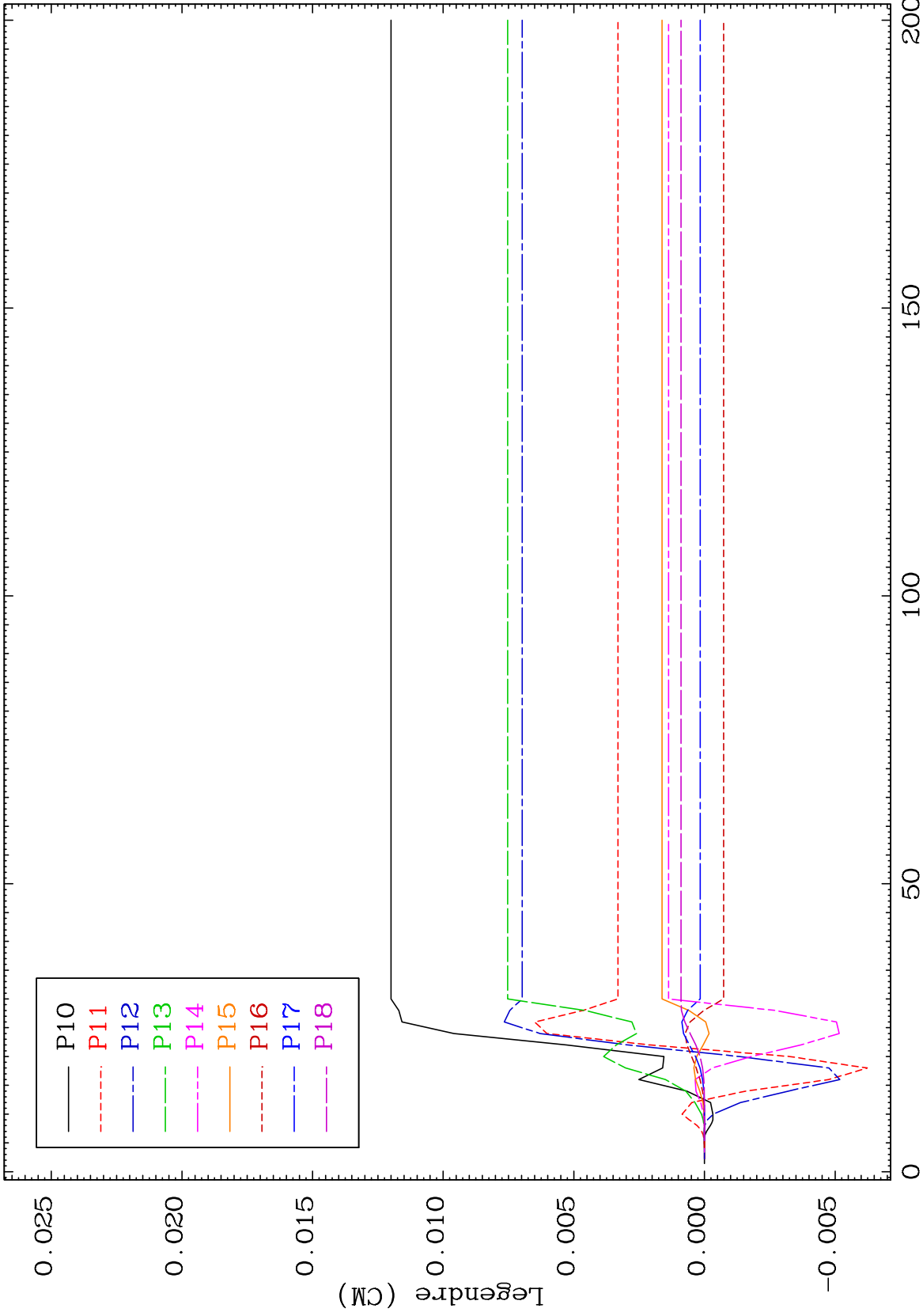
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



34

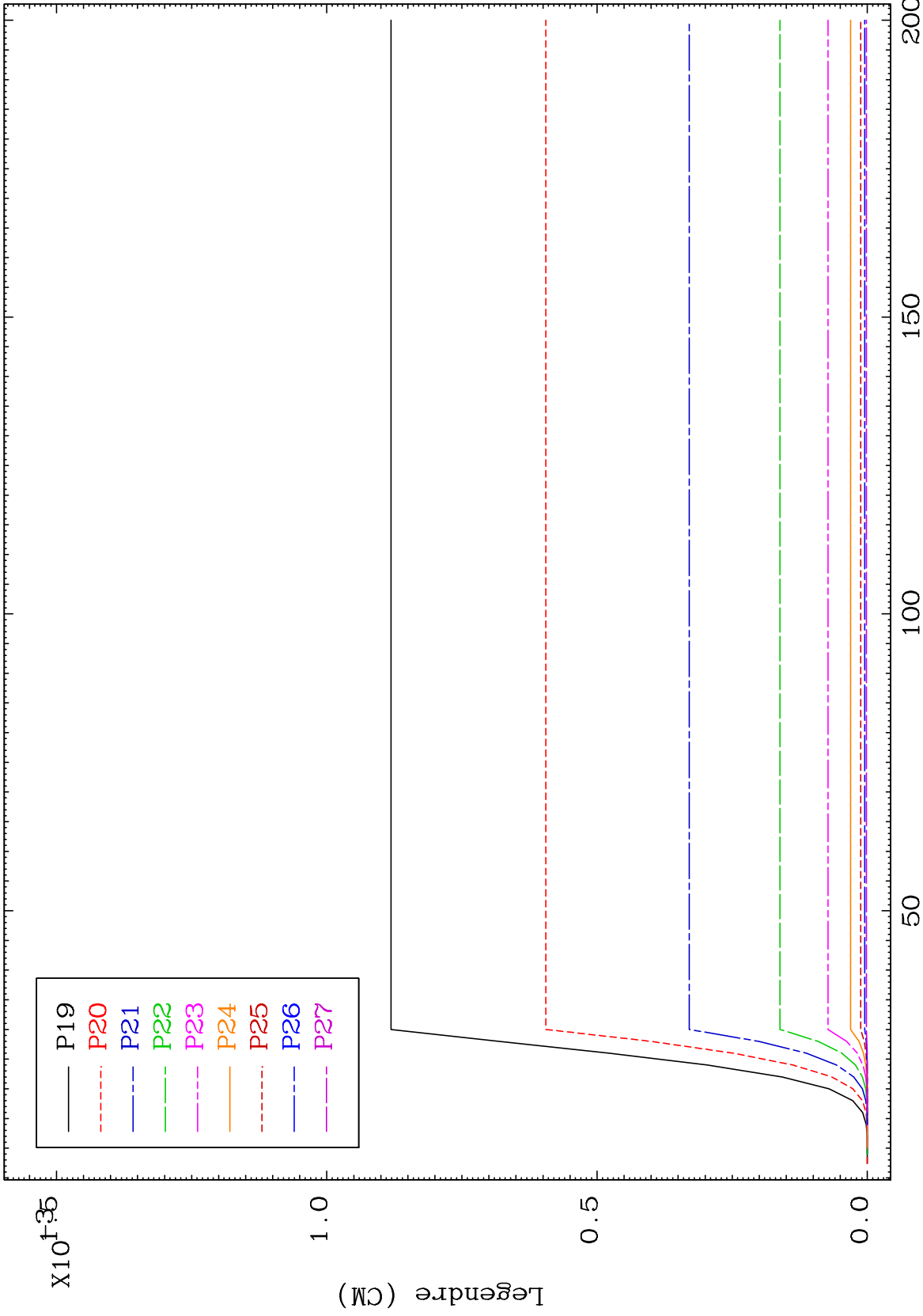
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



35

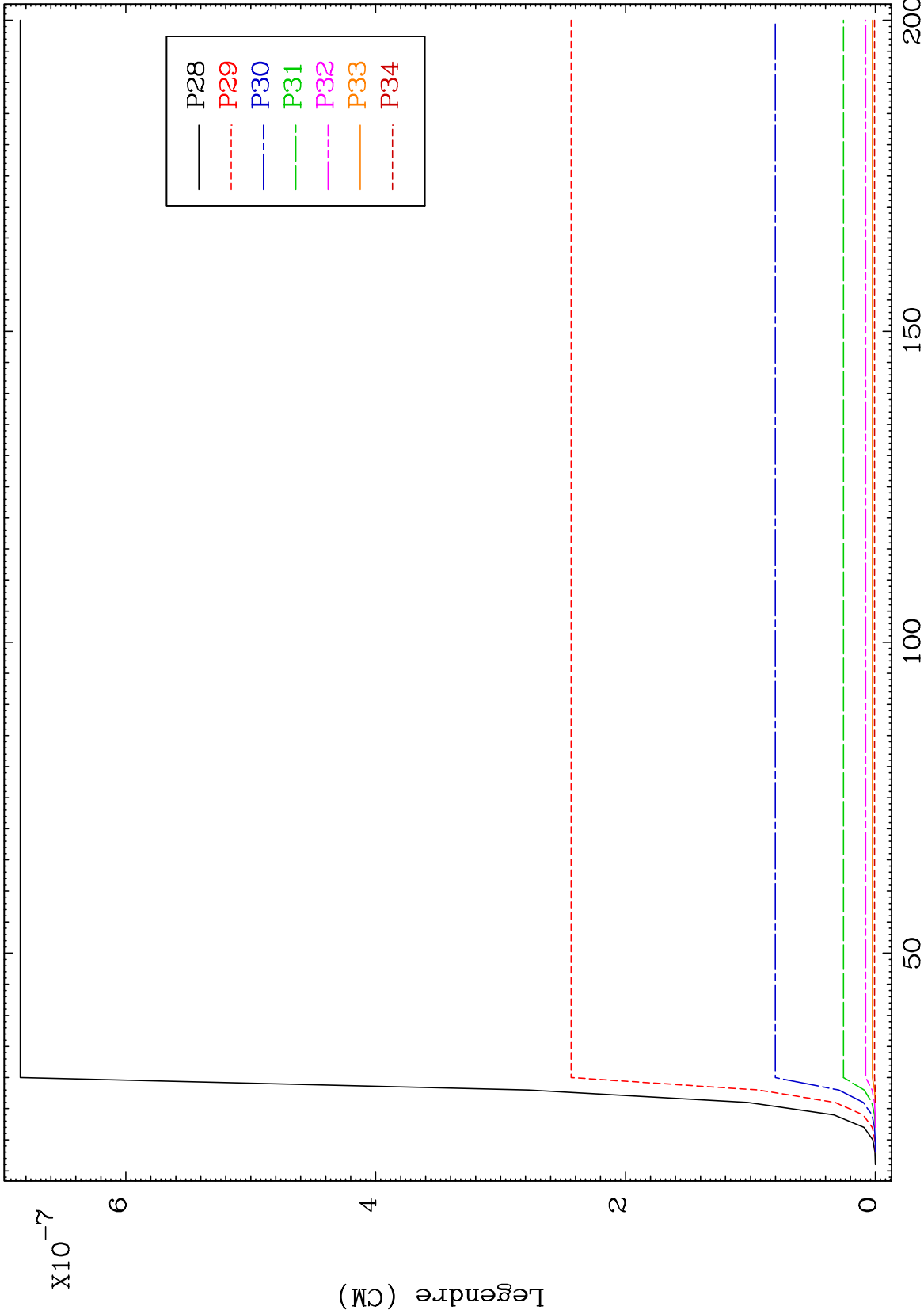
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



36

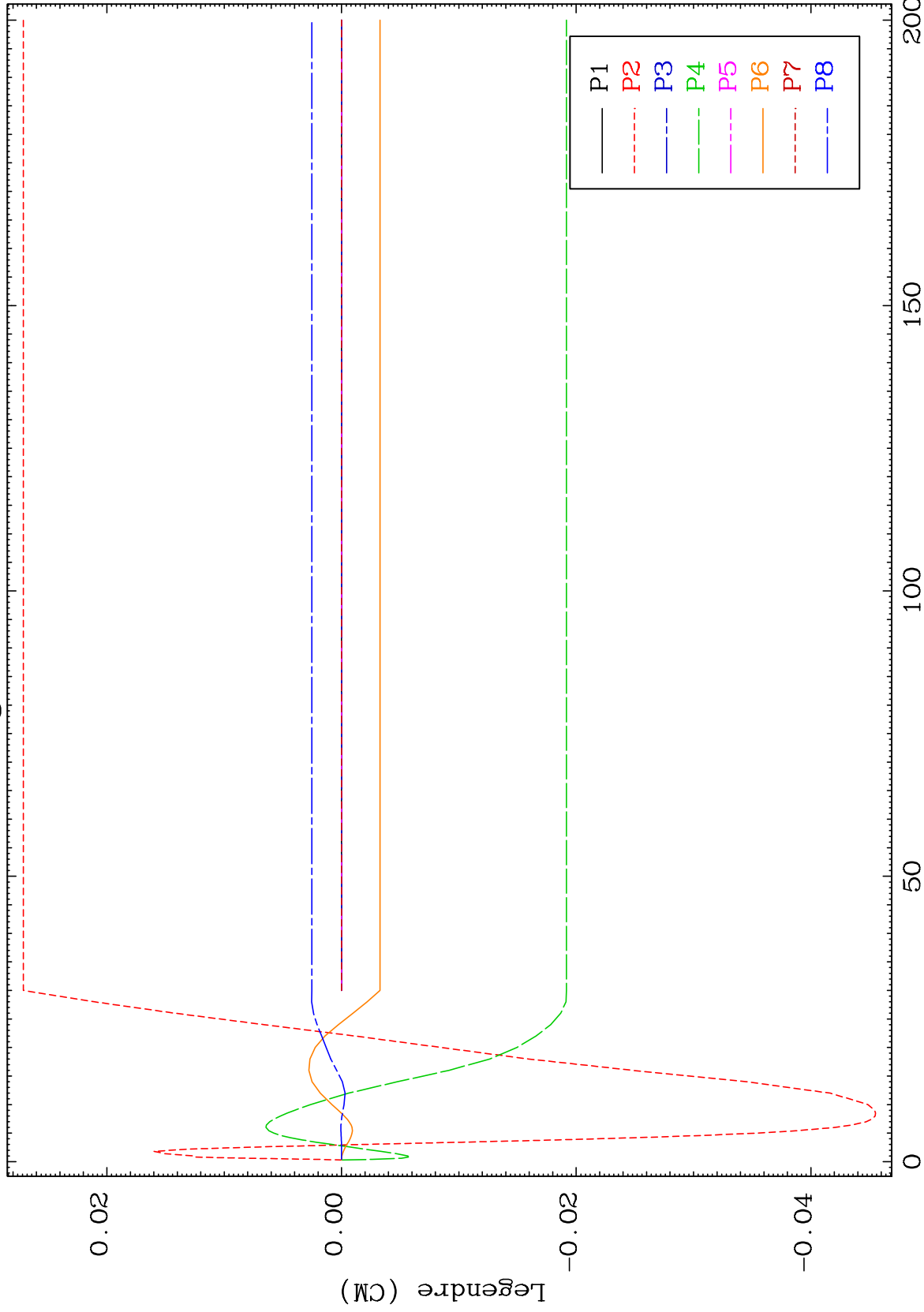
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



37

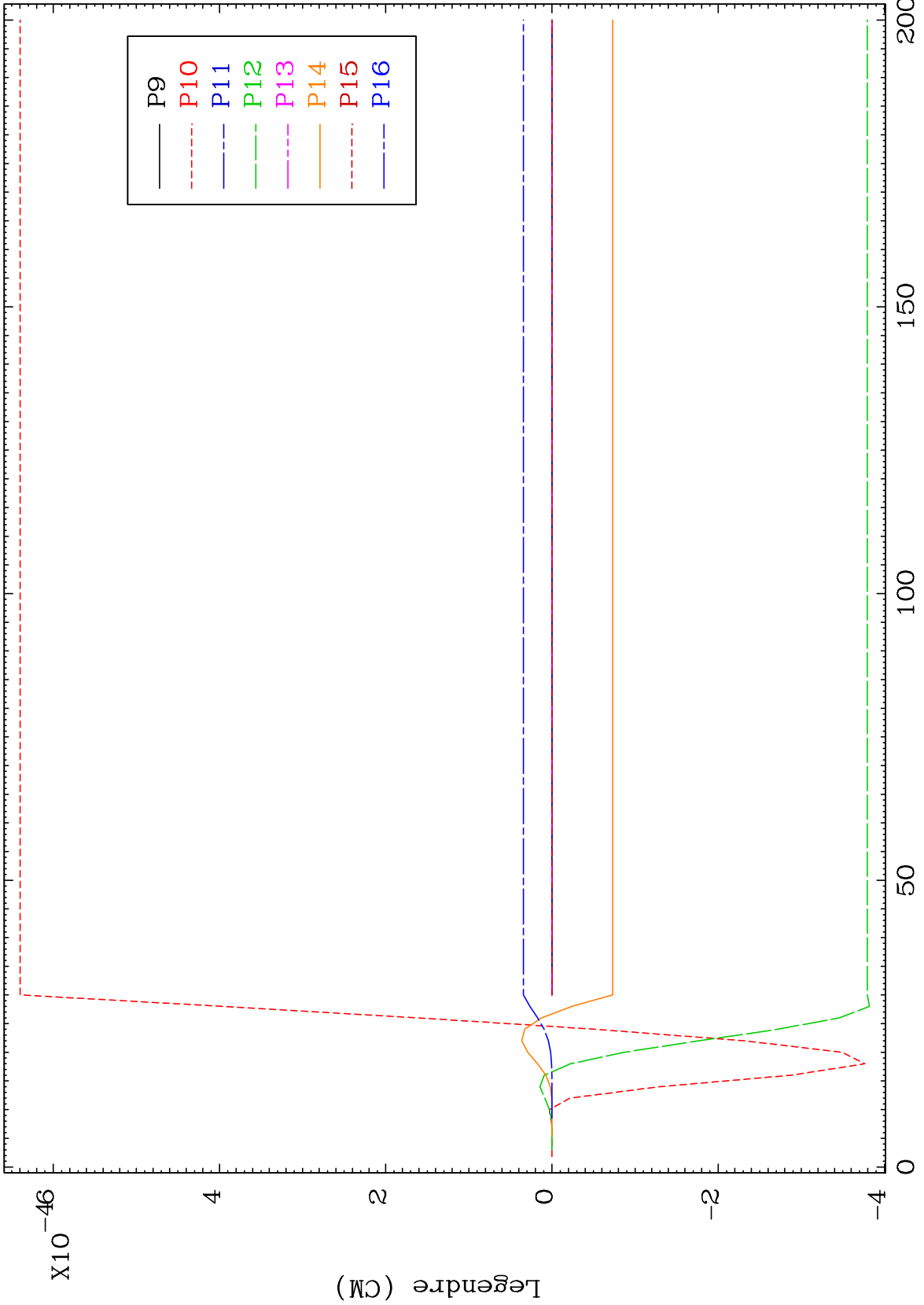
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



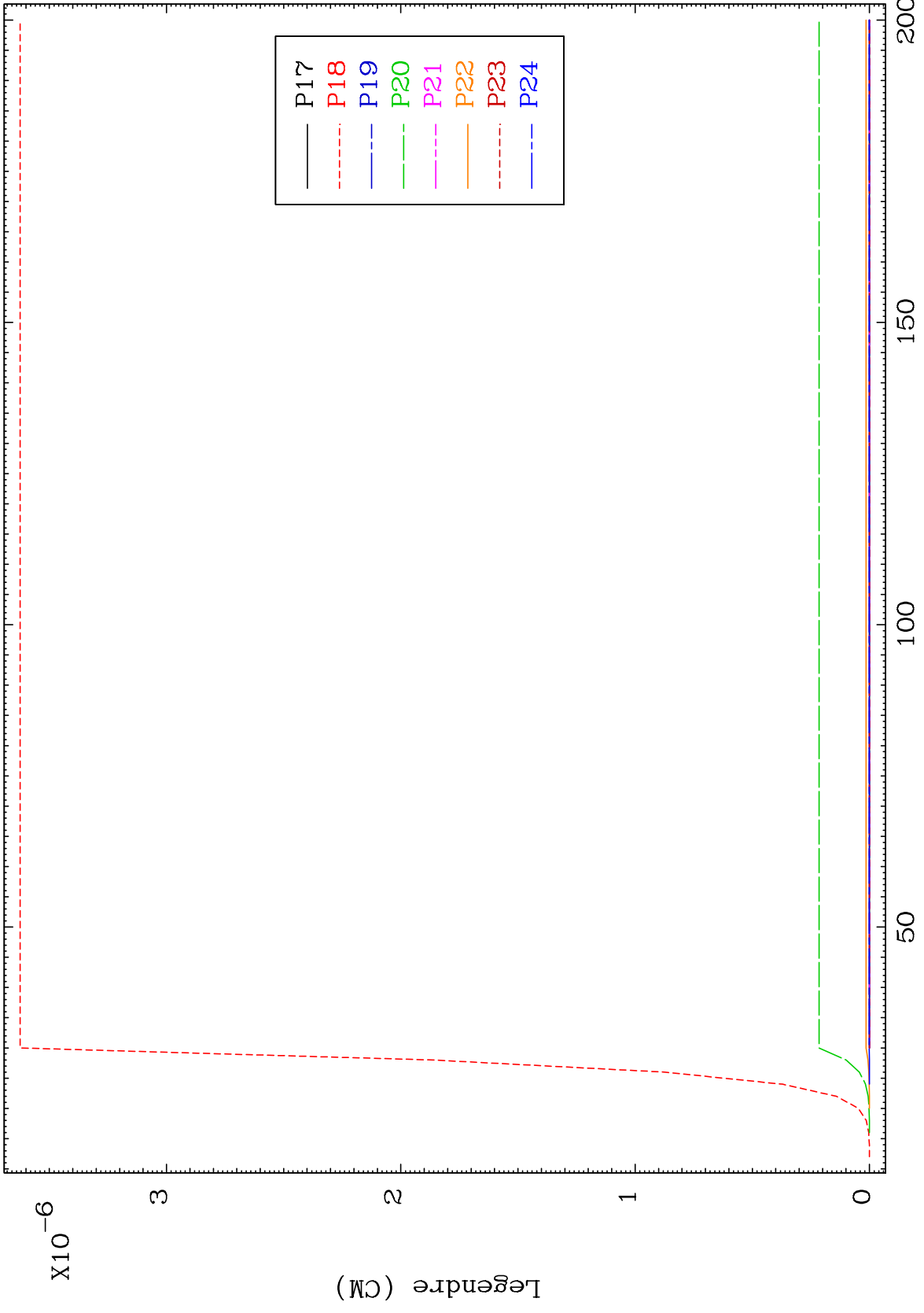
38

42-Mo-101

MAT 4252

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

42-Mo-101



39

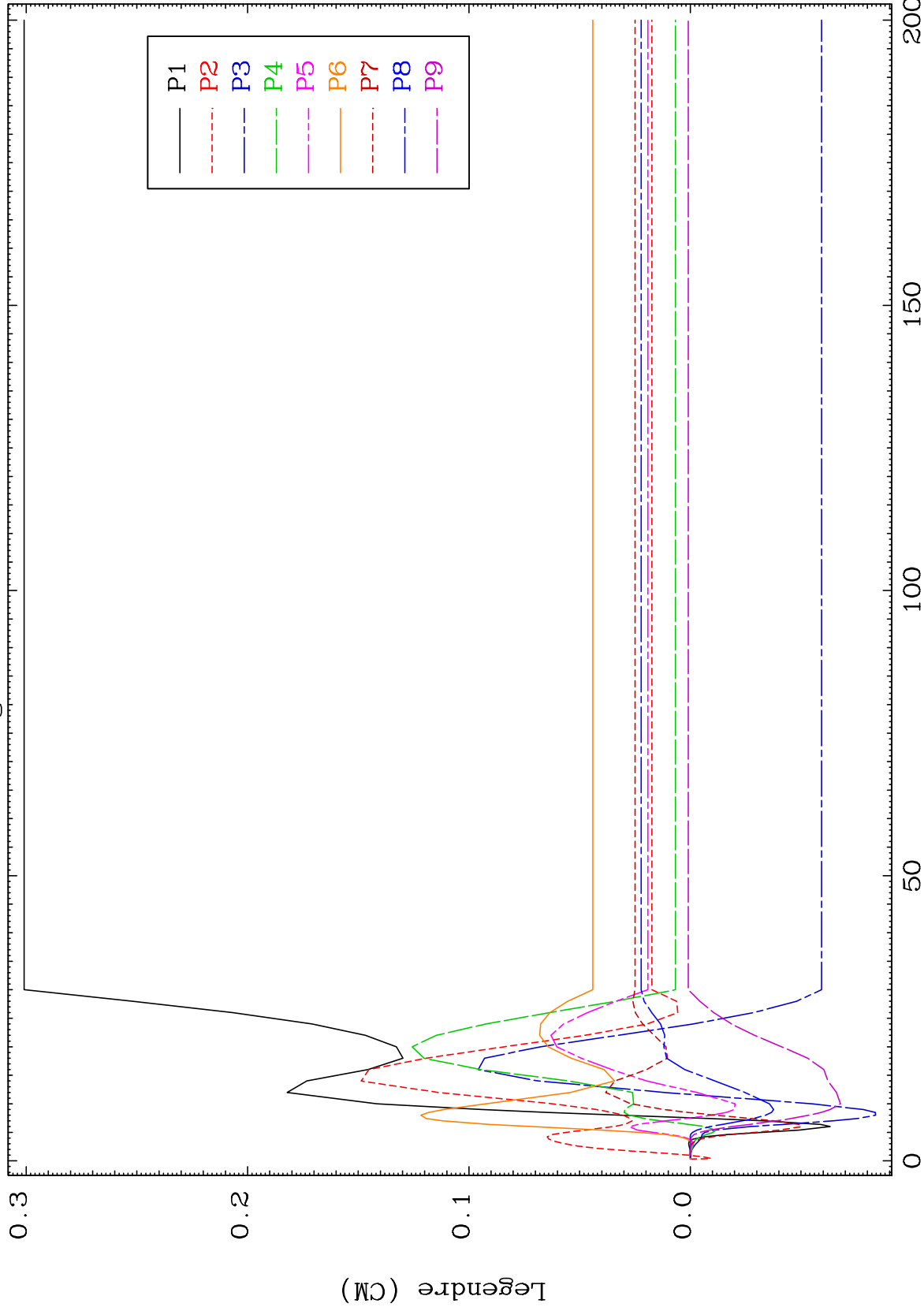
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



40

Incident Energy (MeV)

150

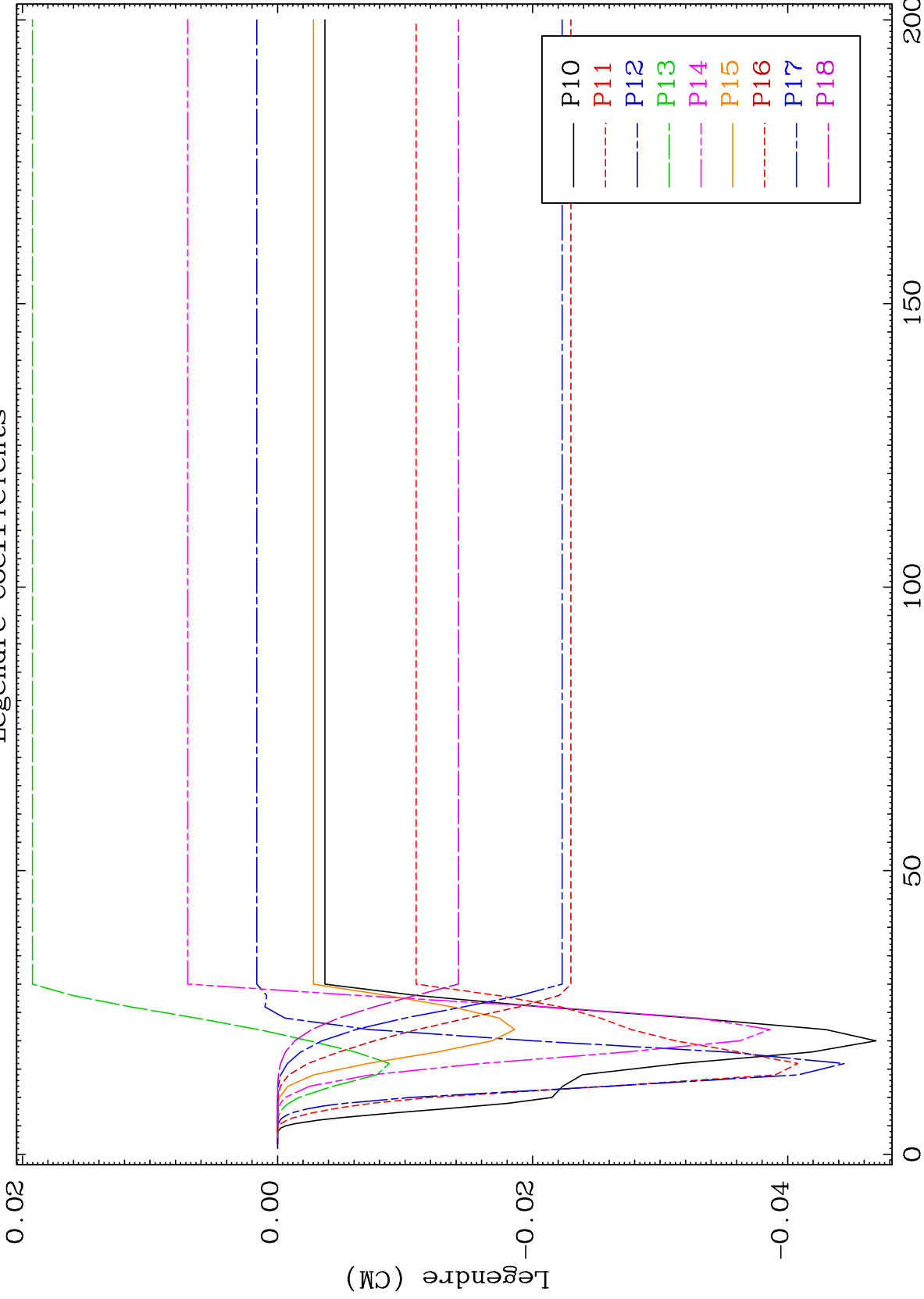
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42-Mo-101

MAT 4252

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

42-Mo-101

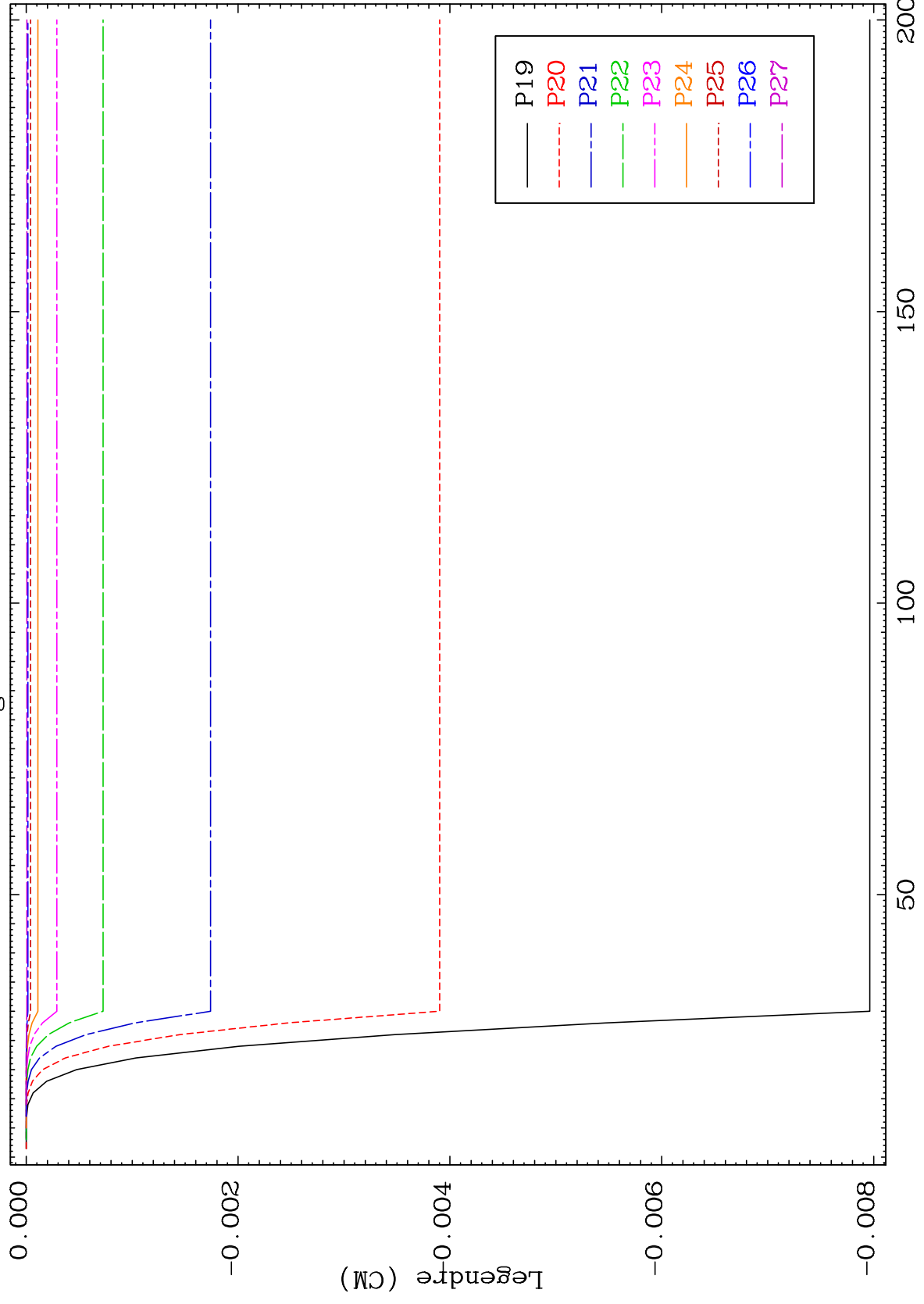


41

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 57 (n,n') Level Legendre Coefficients 42-Mo-101

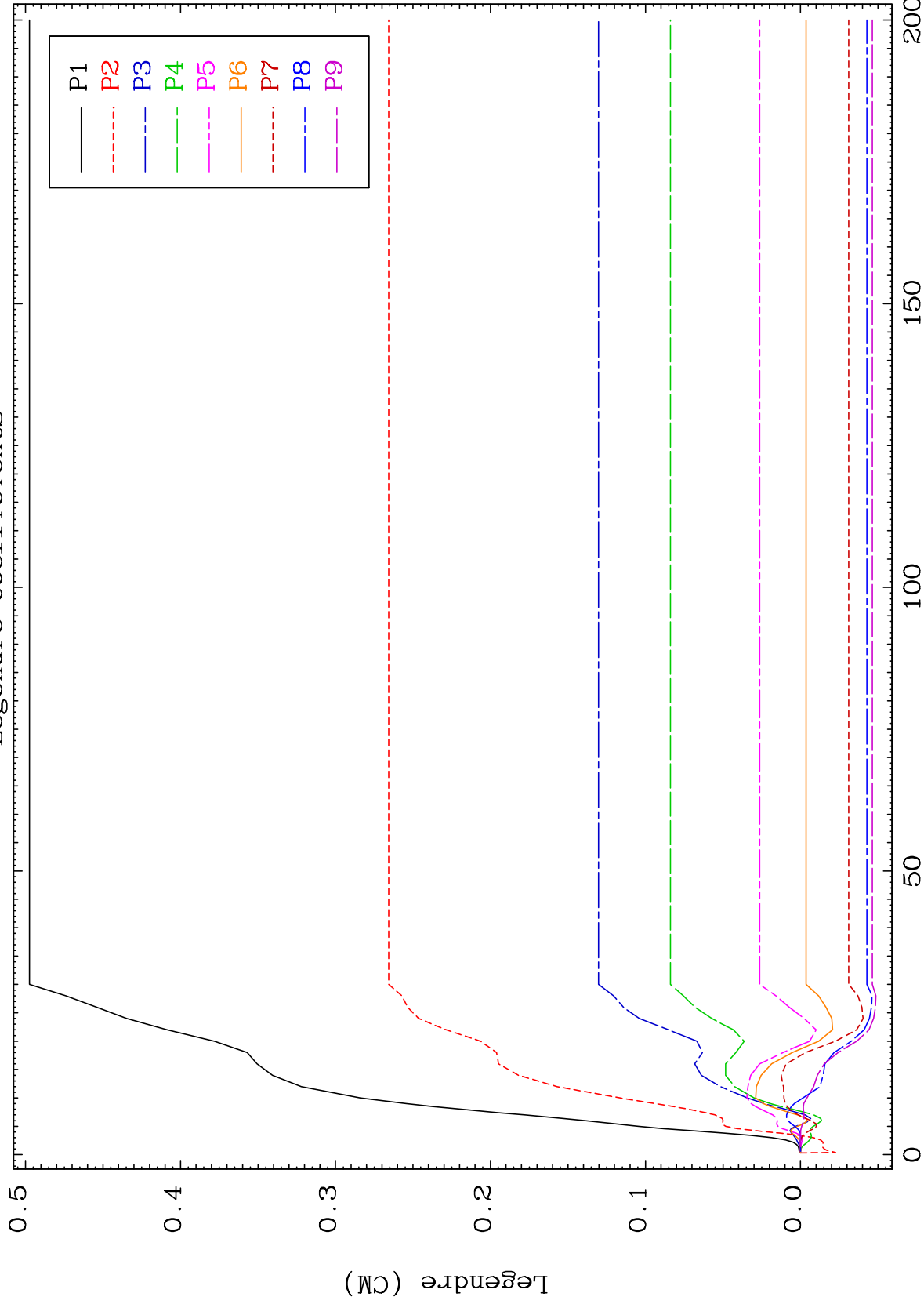


42 Incident Energy (MeV) 42-Mo-101

MAT 4252

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

42-Mo-101



44

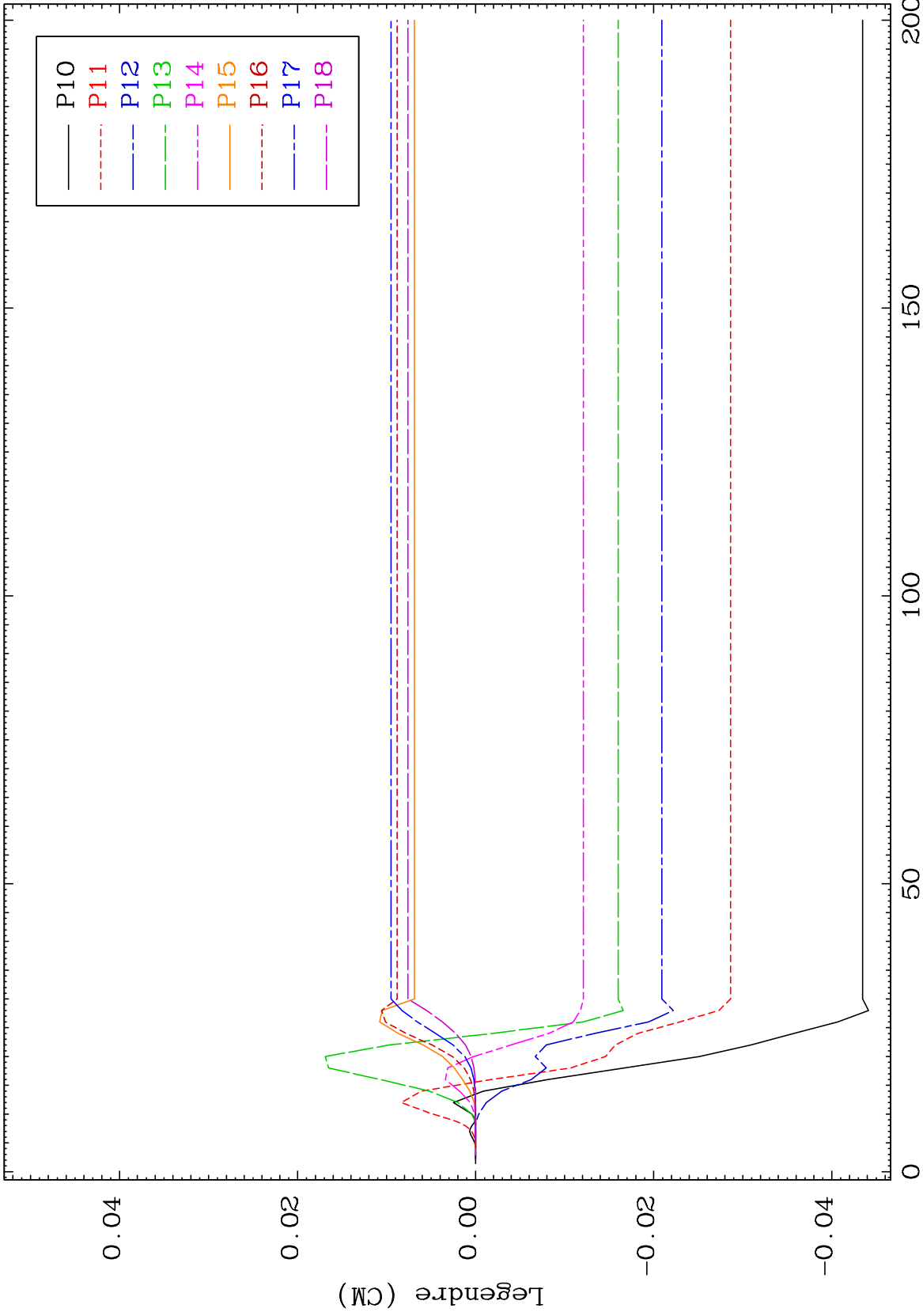
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



45

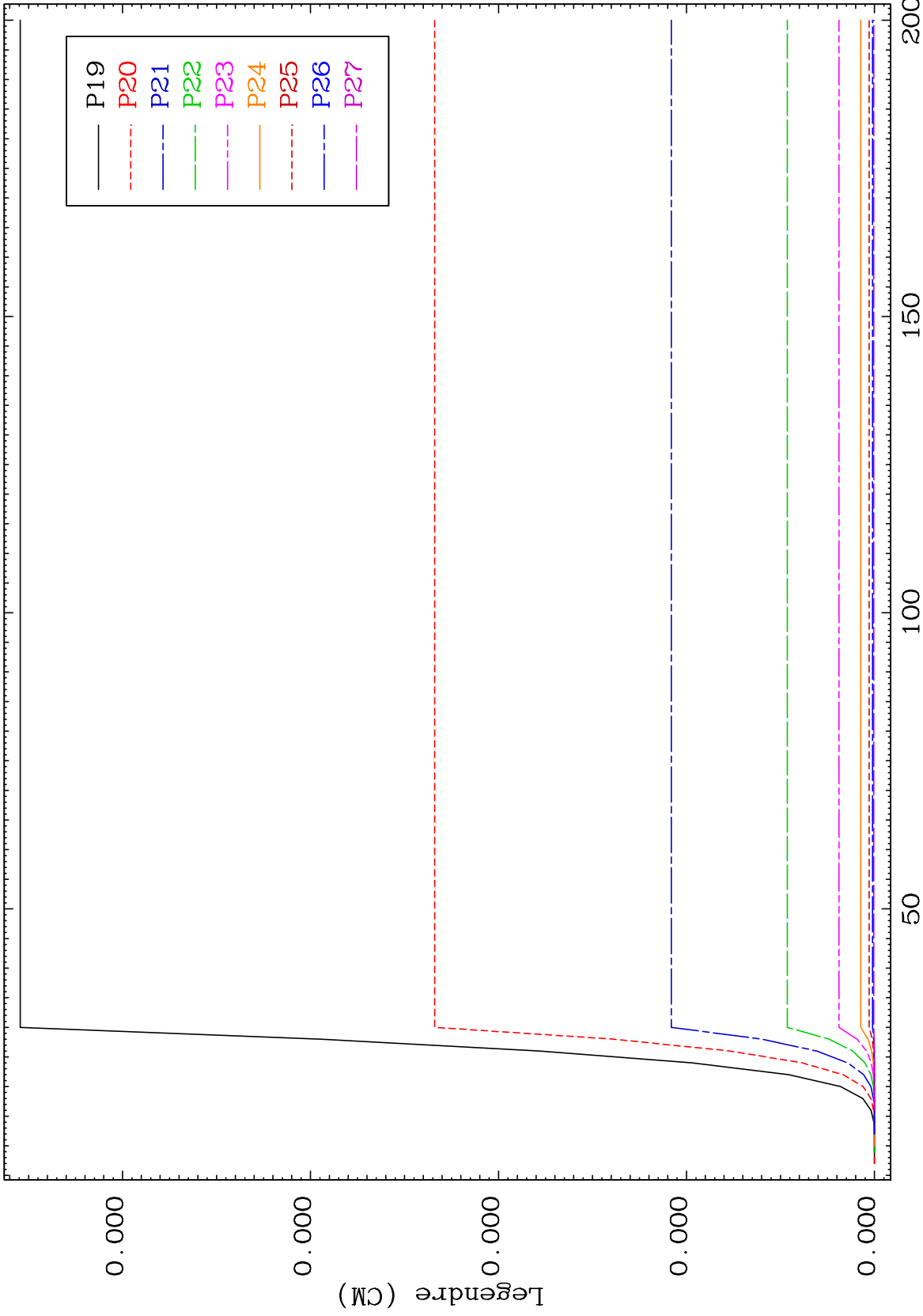
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



46

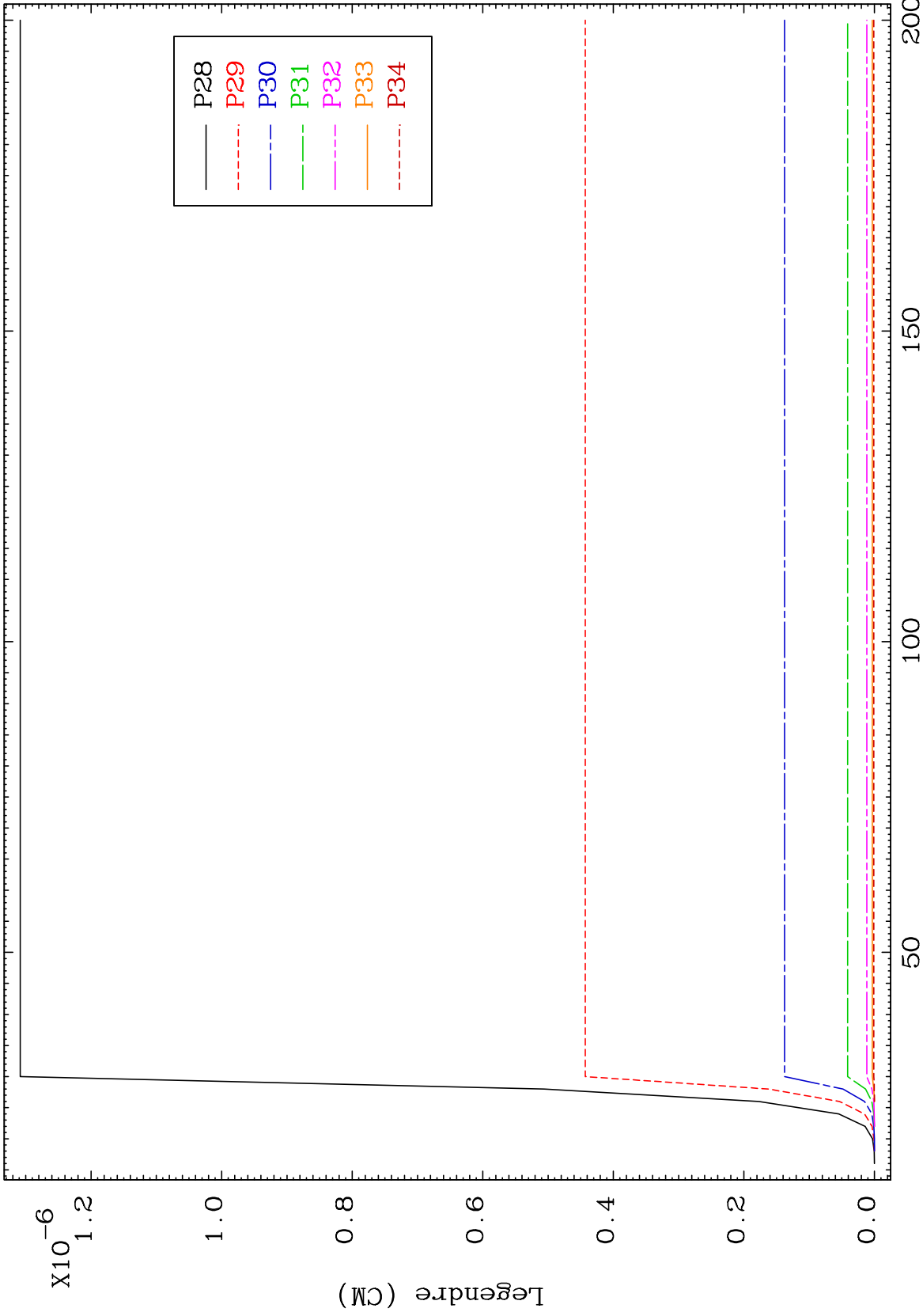
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101

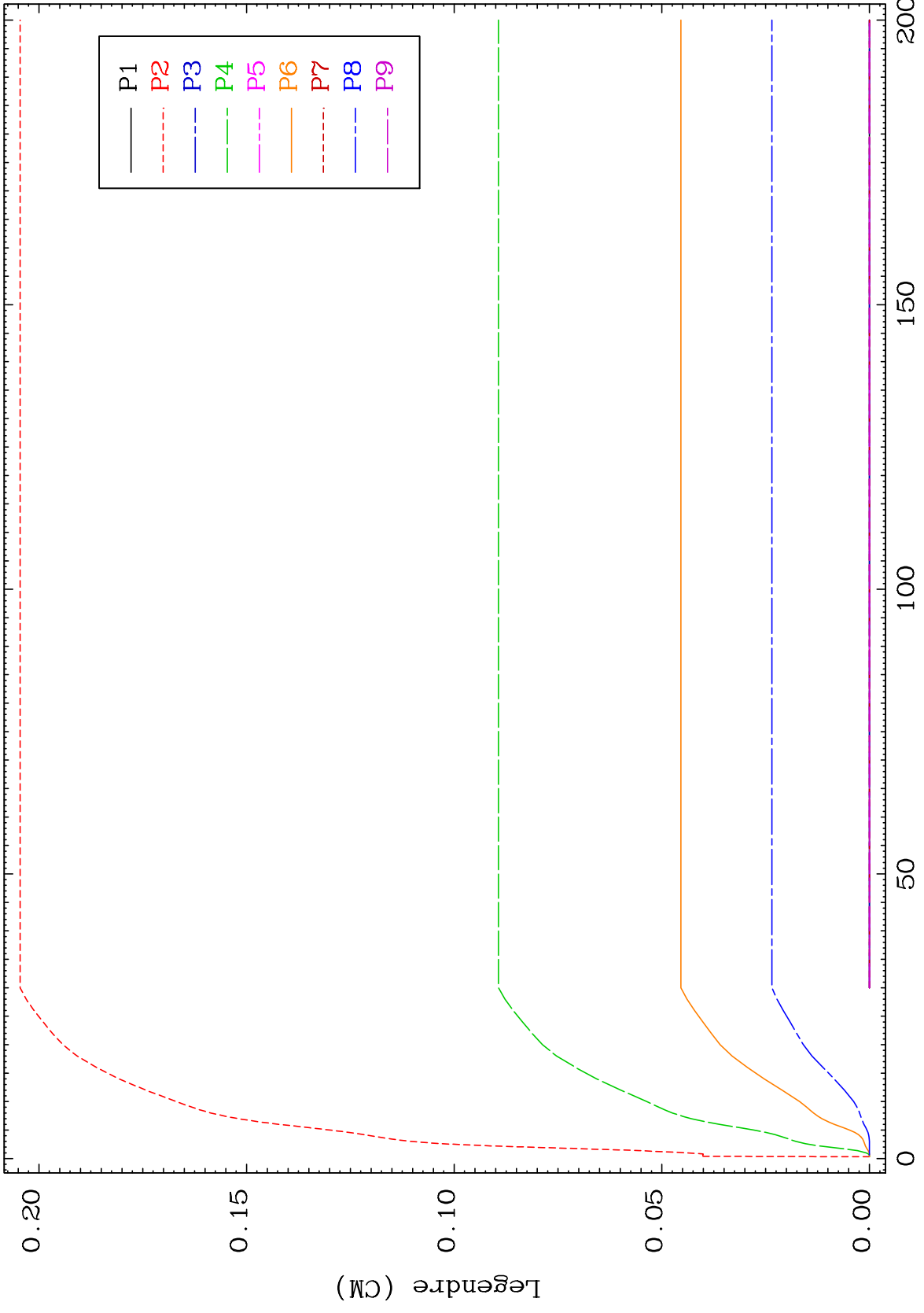


47

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 59 (n,n') Level Legendre Coefficients 42-Mo-101

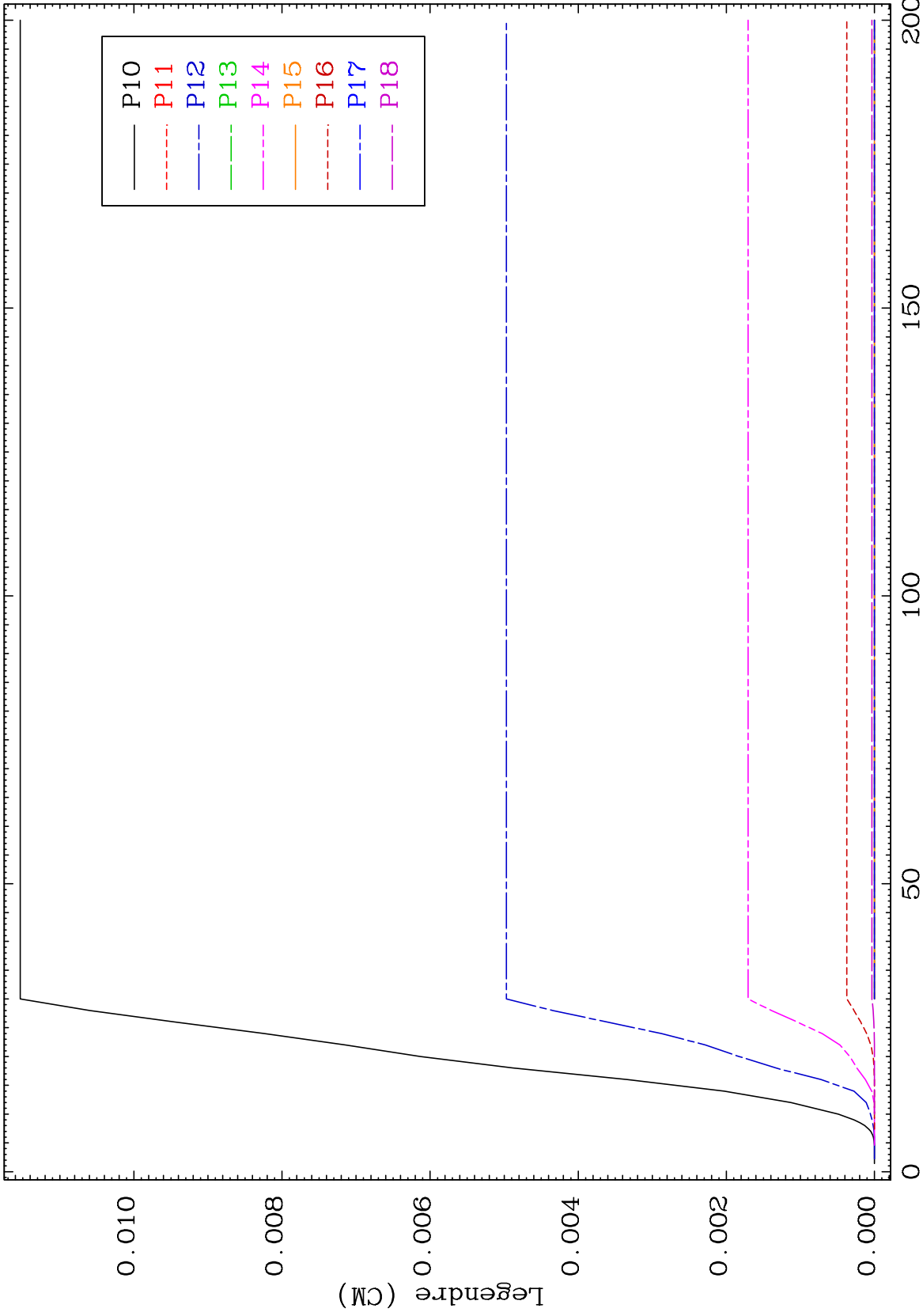


42-Mo-101 Incident Energy (MeV) 48

MAT 4252

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

42-Mo-101

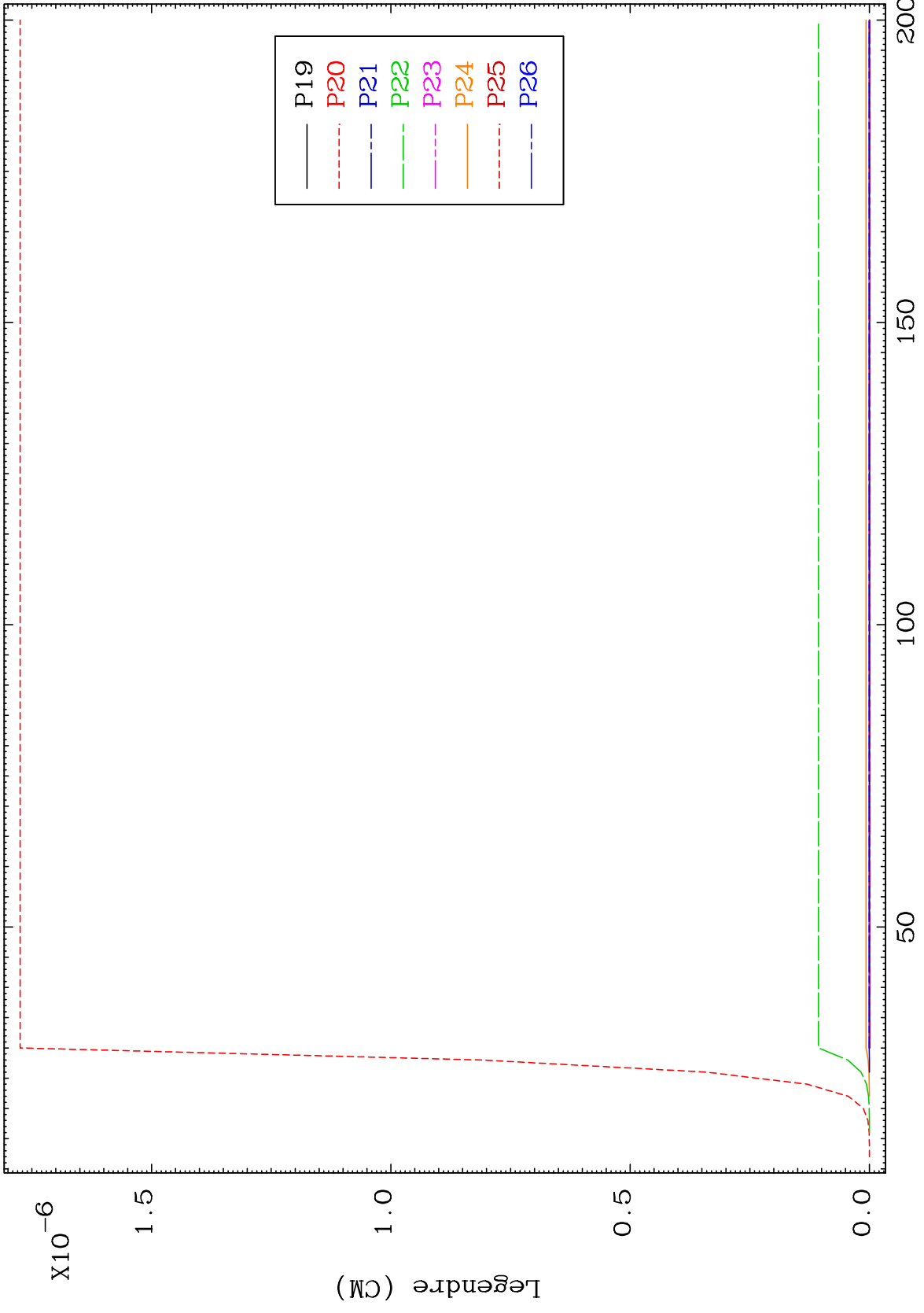


49

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 59 (n,n') Level Legendre Coefficients 42-Mo-101

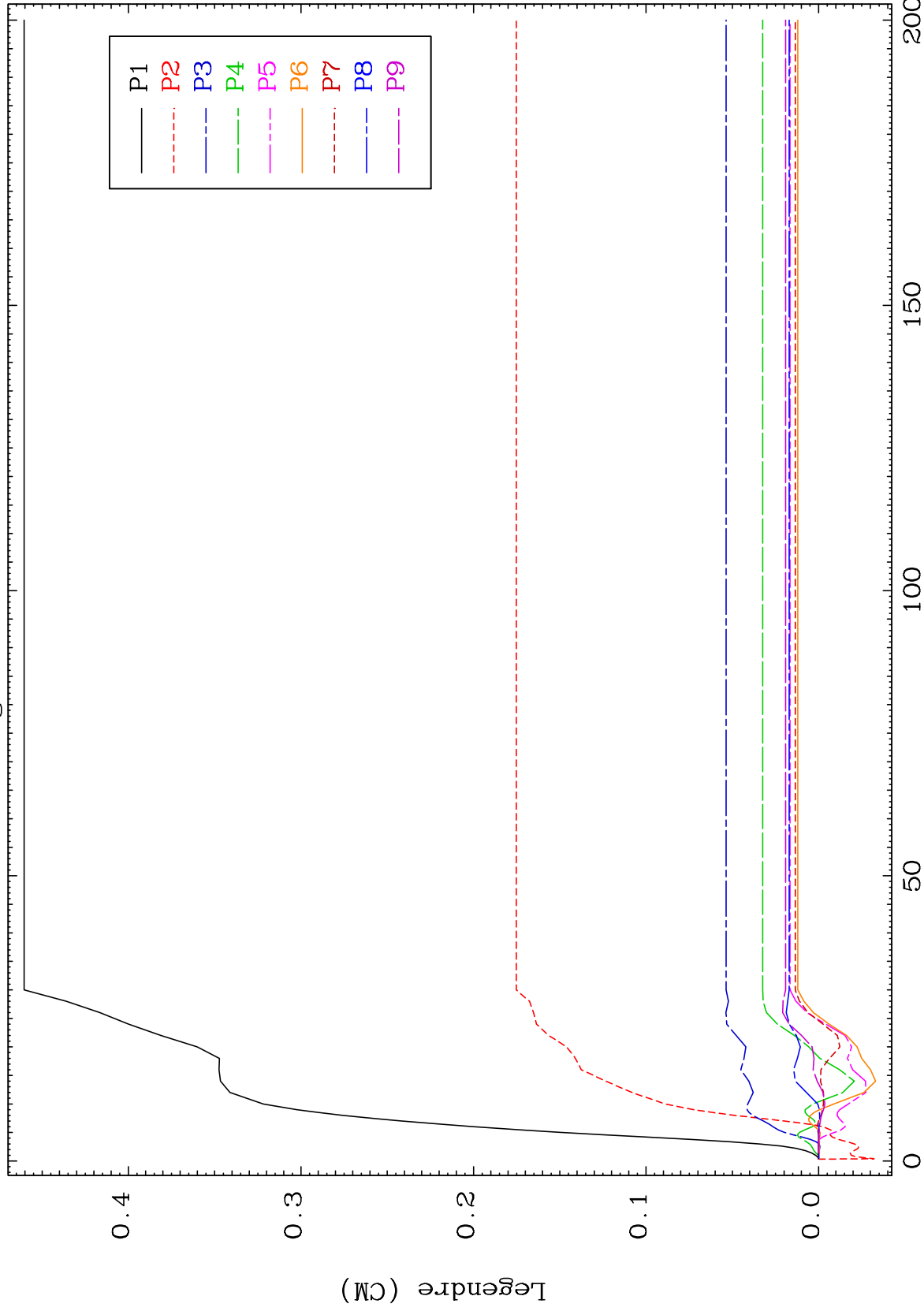


42-Mo-101

MAT 4252

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

42-Mo-101



51

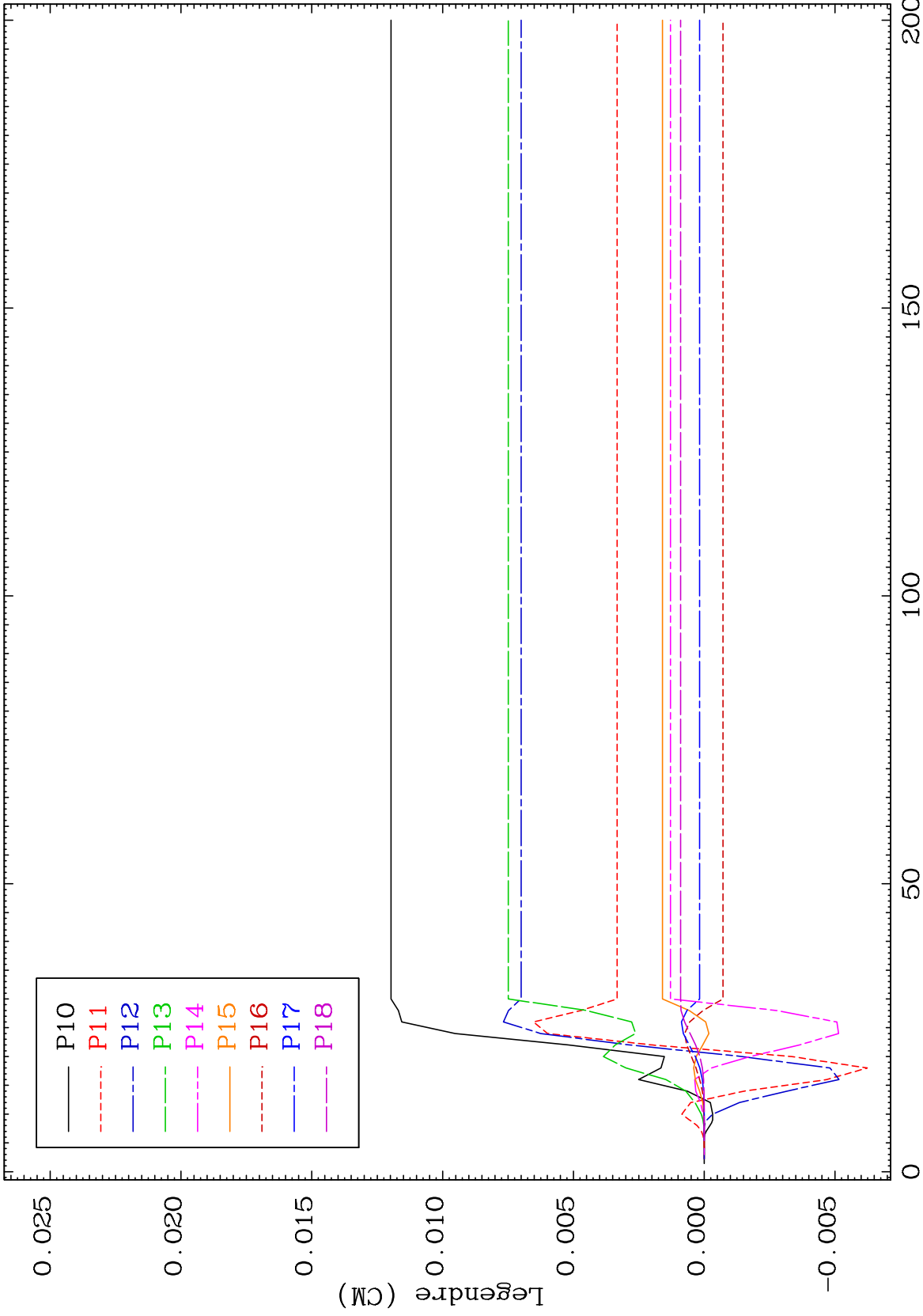
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



52

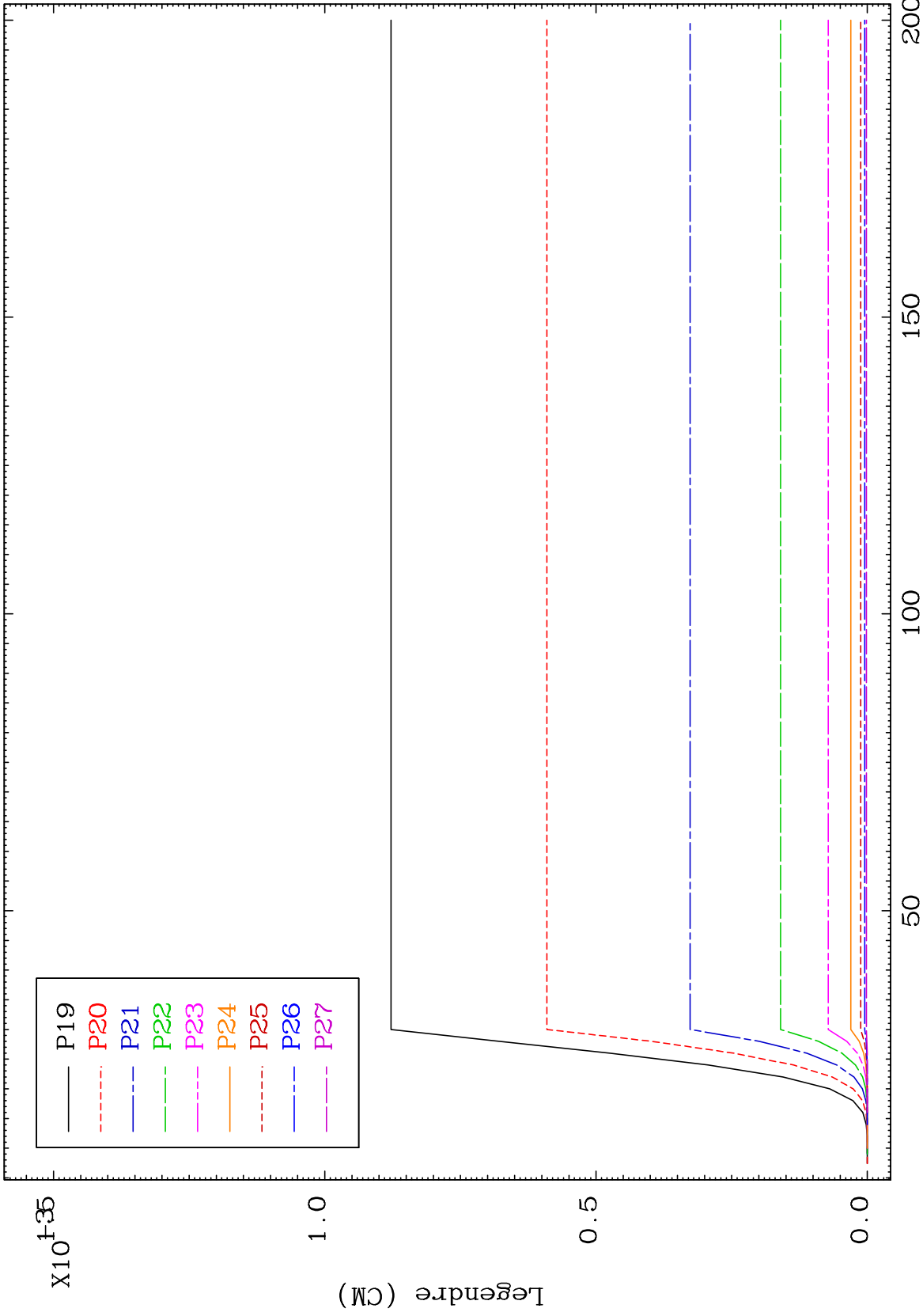
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



53

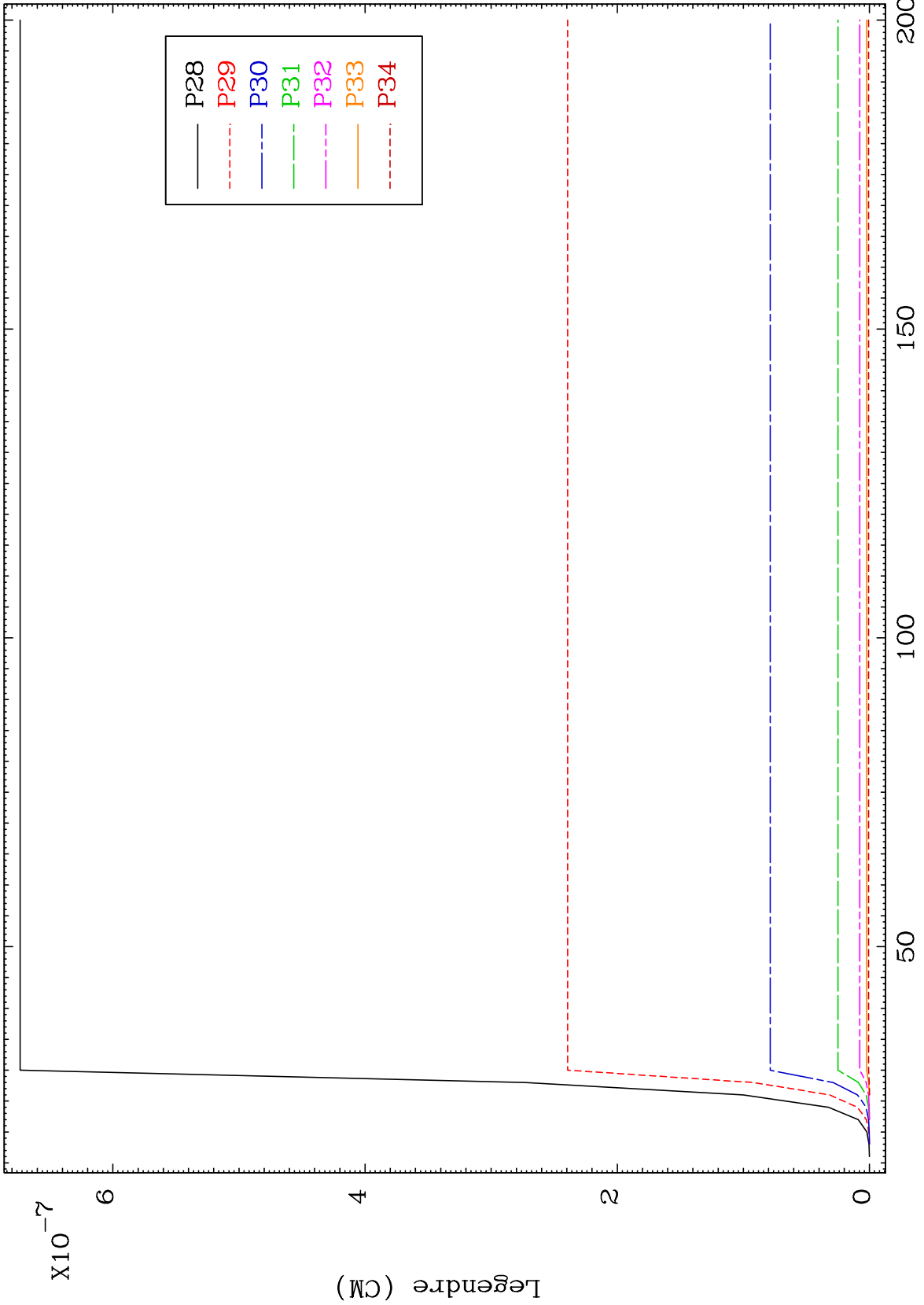
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



54

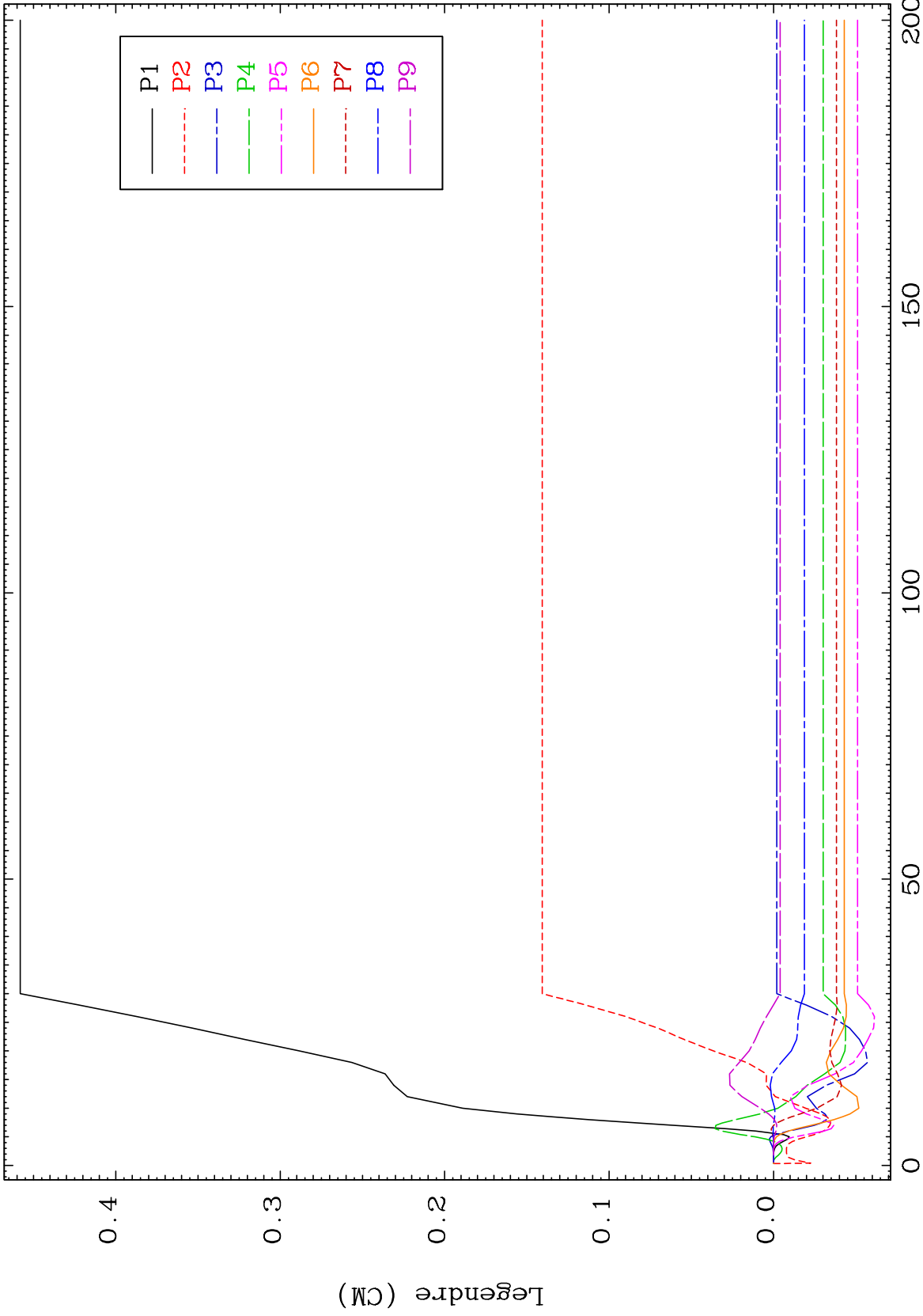
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

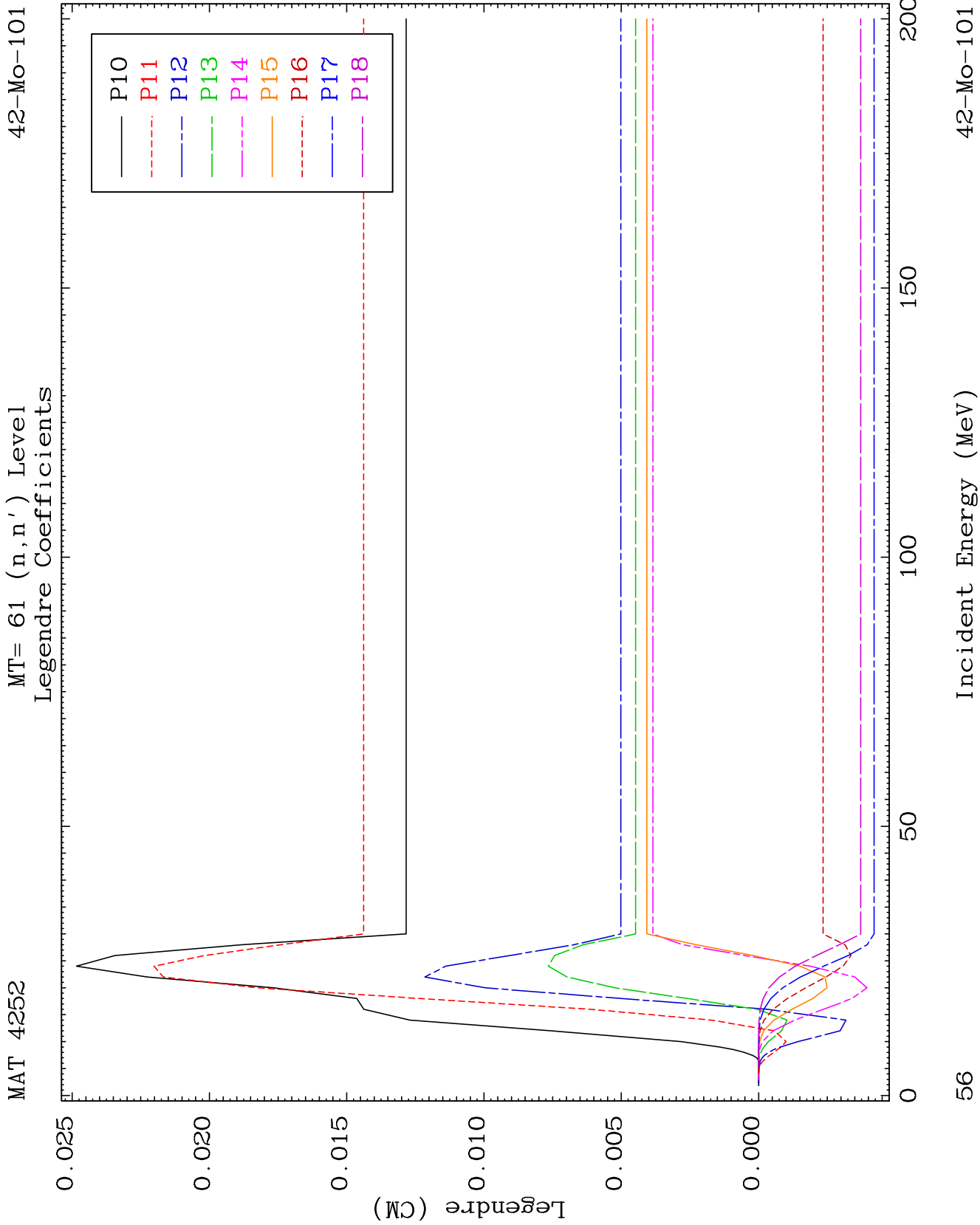
42-Mo-101



55

Incident Energy (MeV)

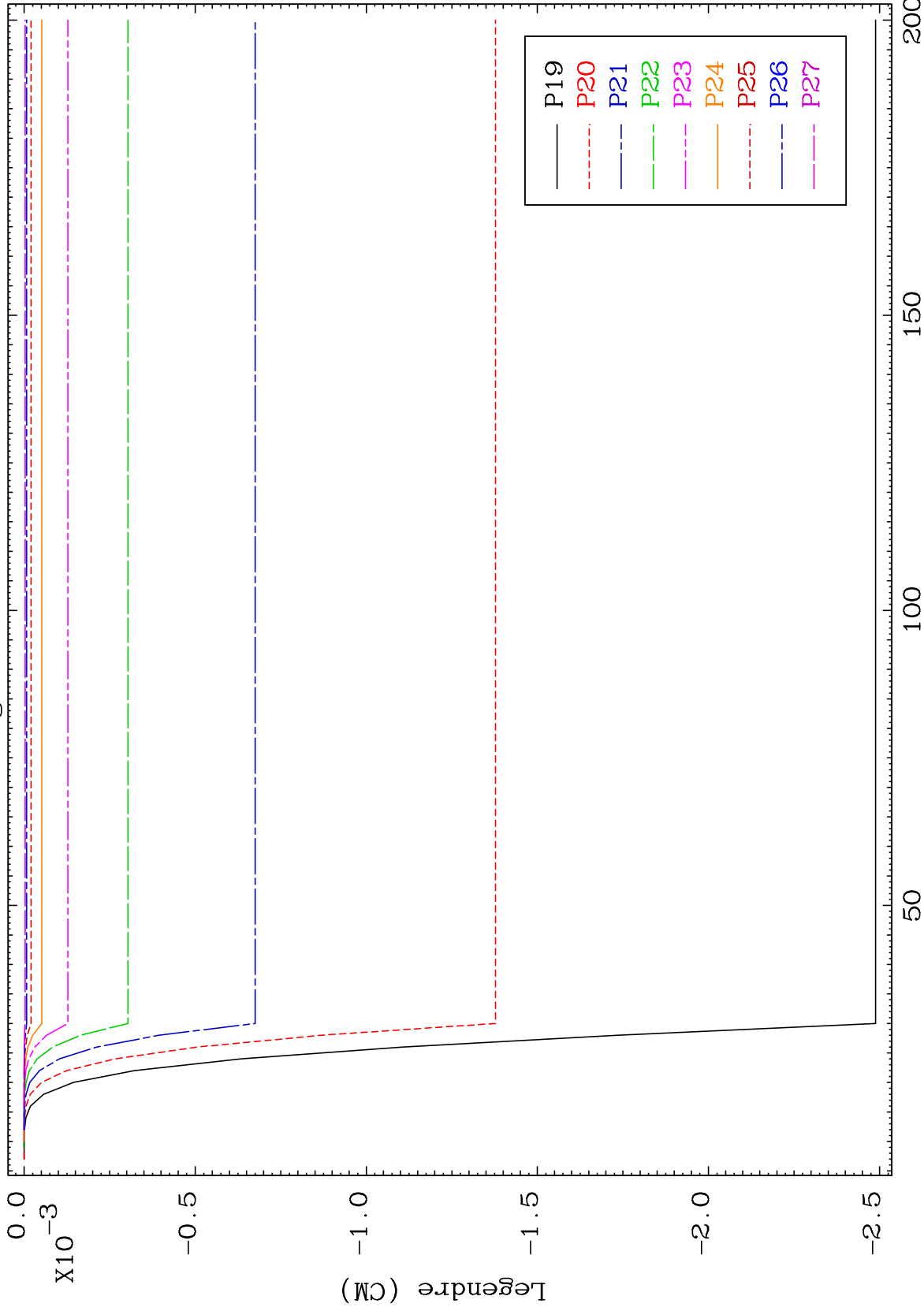
42-Mo-101



MAT 4252

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

42-Mo-101



42-Mo-101

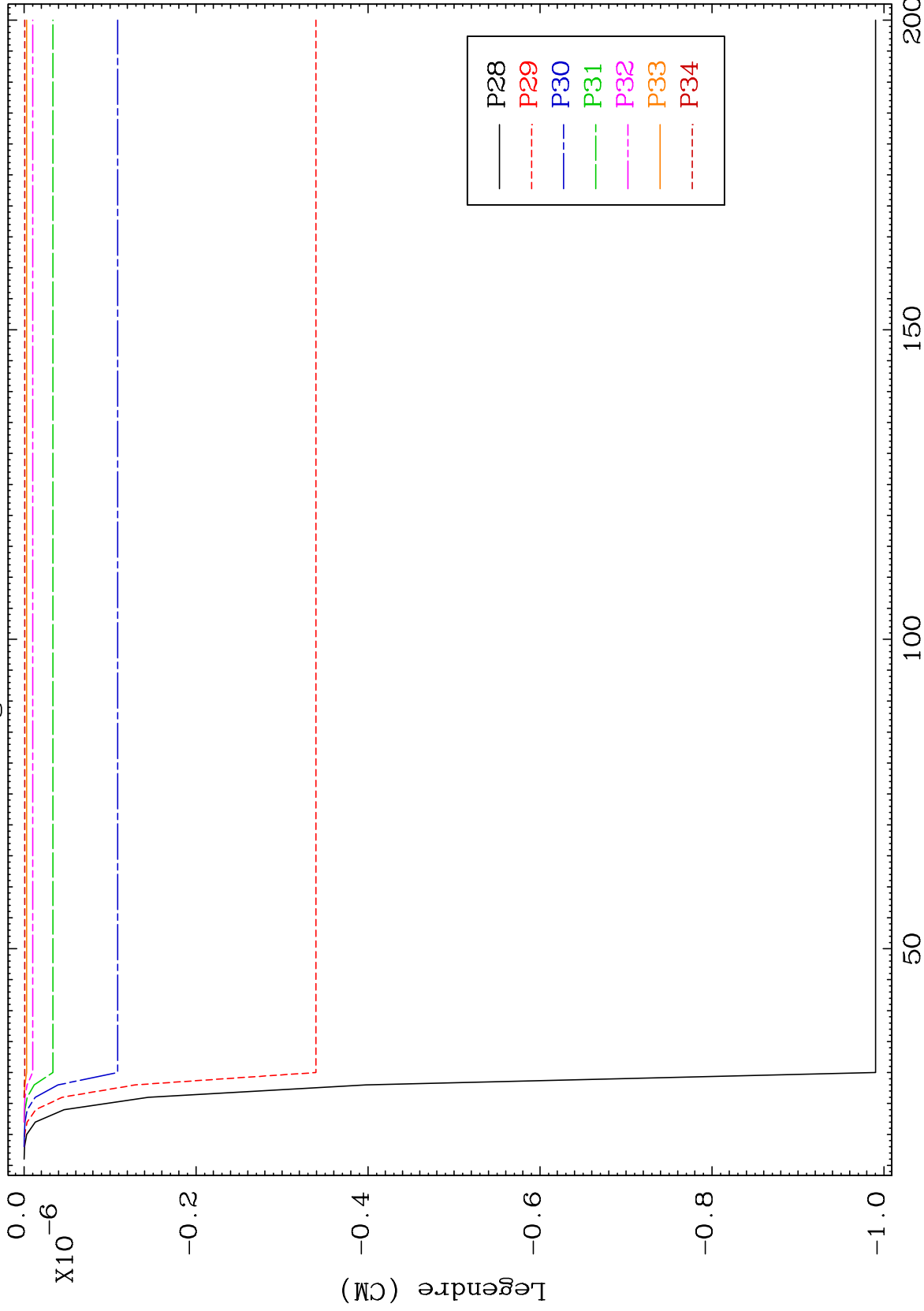
Incident Energy (MeV)

57

MAT 4252

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

42-Mo-101



42-Mo-101

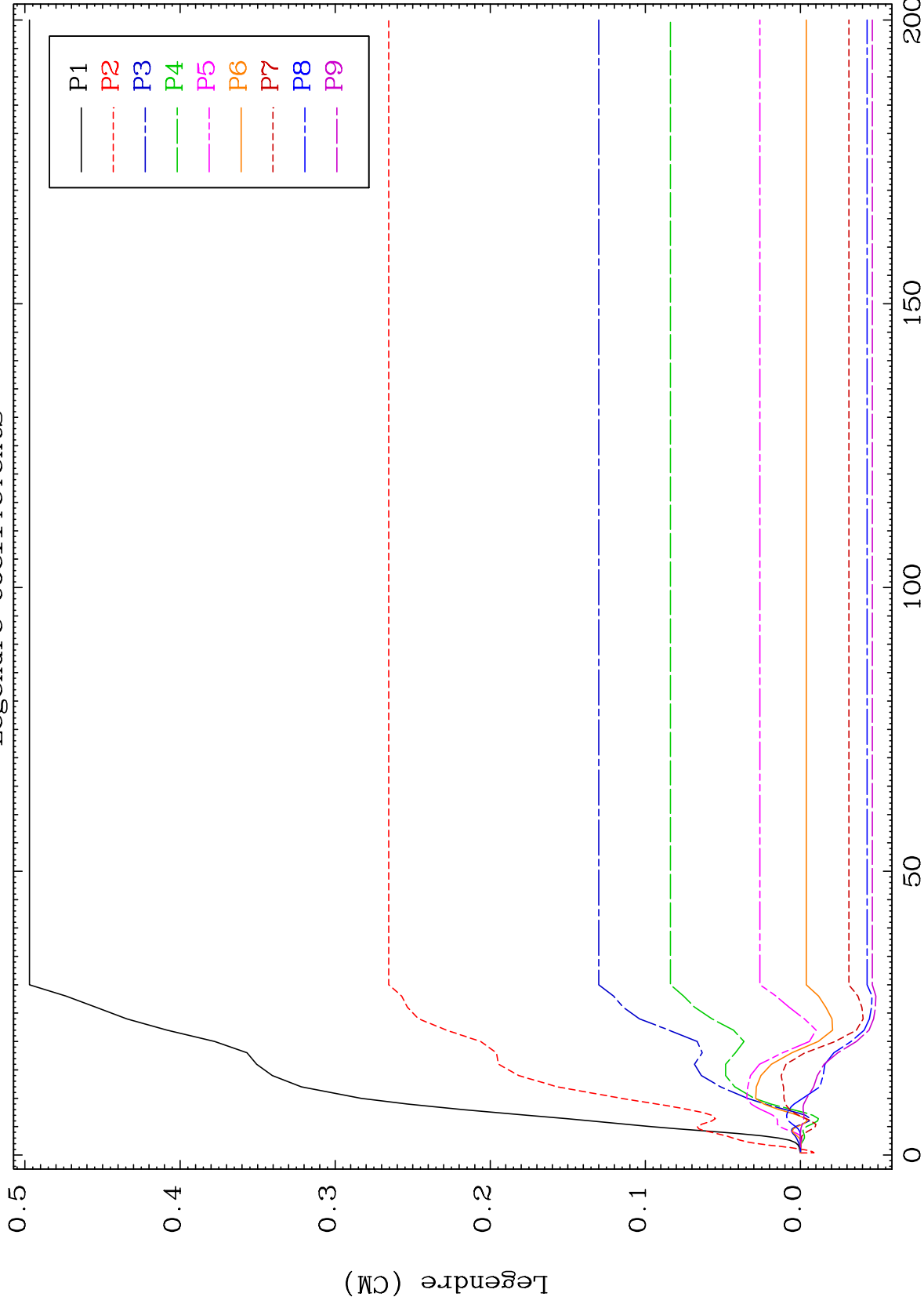
Incident Energy (MeV)

58

MAT 4252

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

42-Mo-101



59

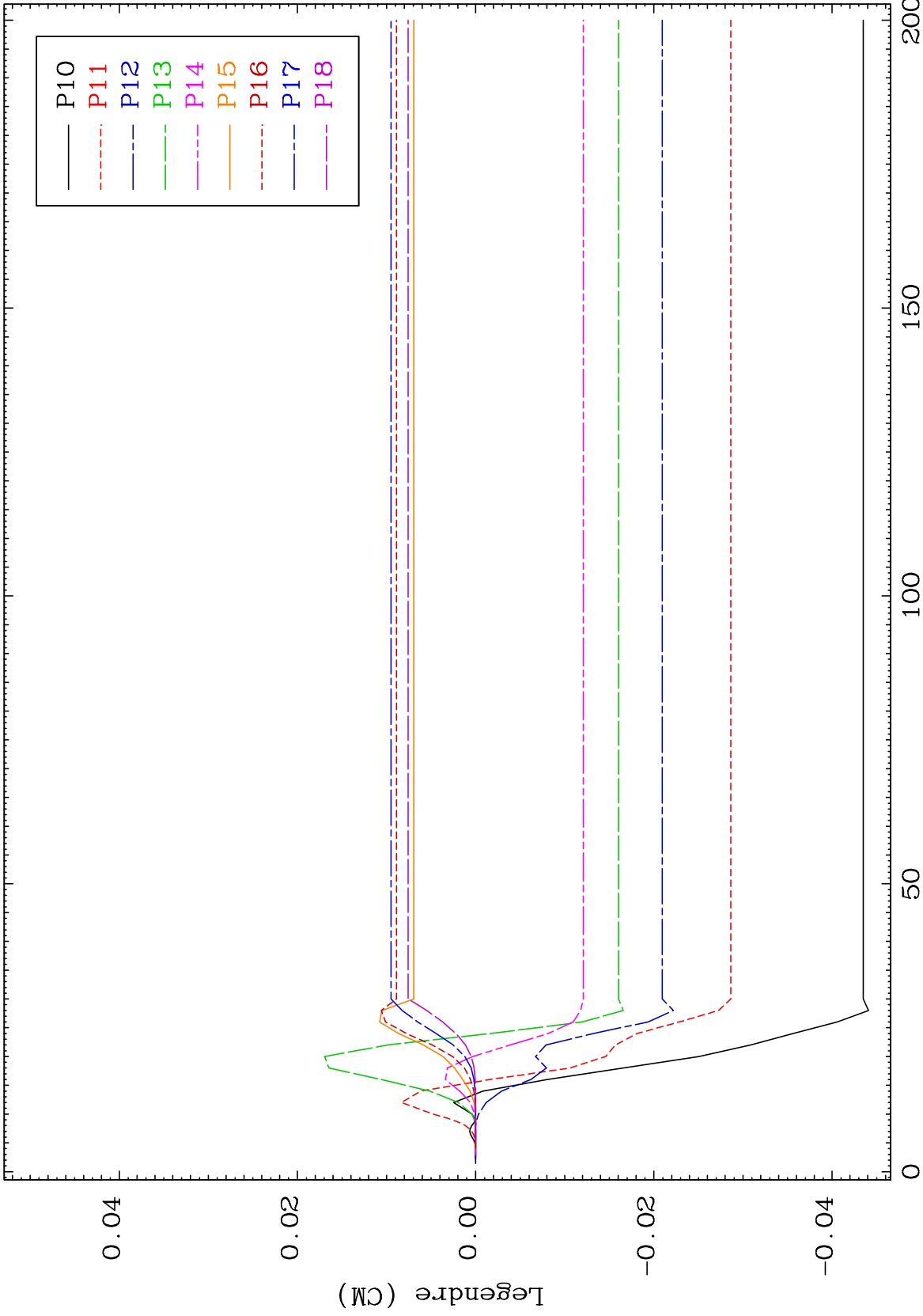
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



60

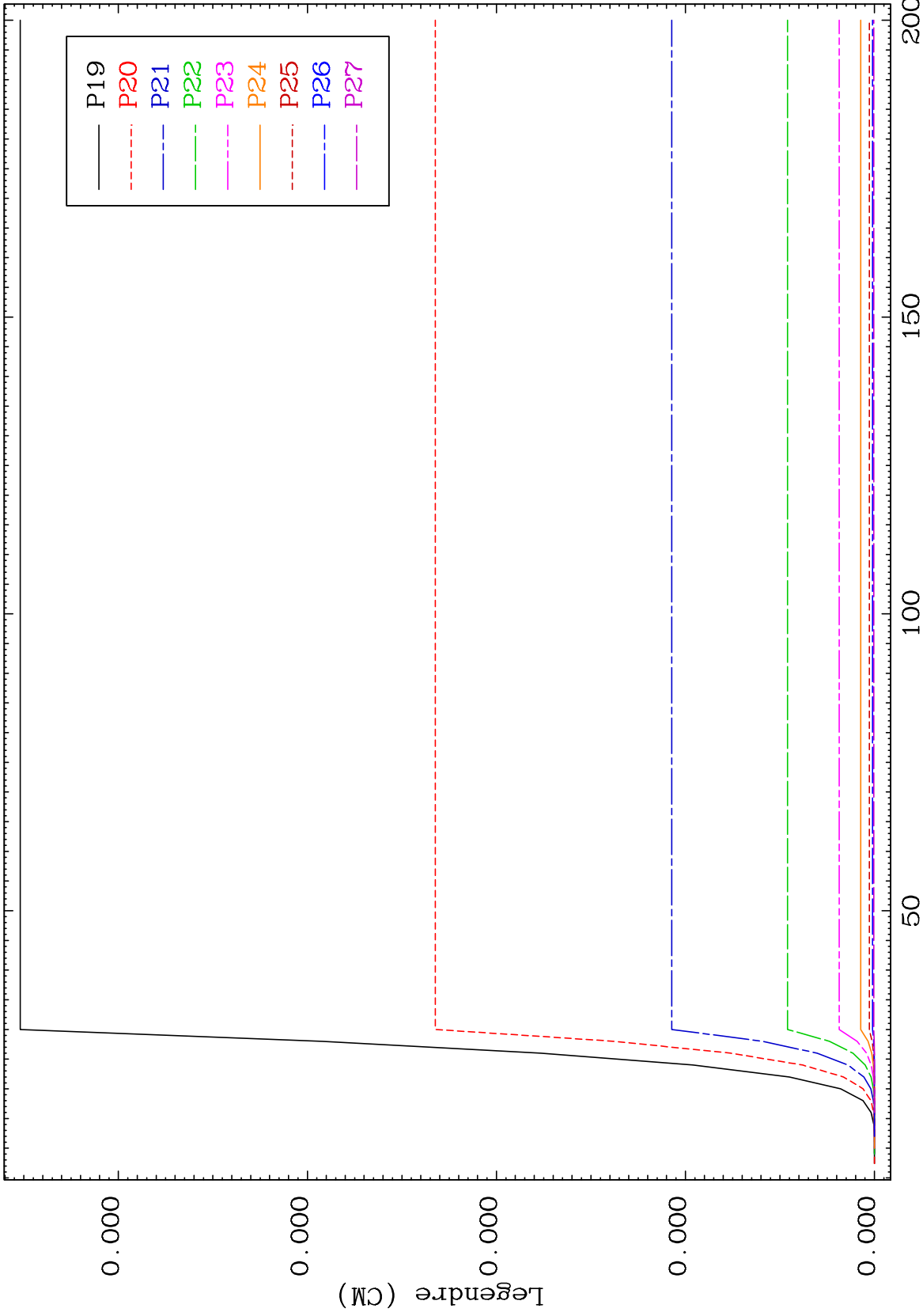
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



61

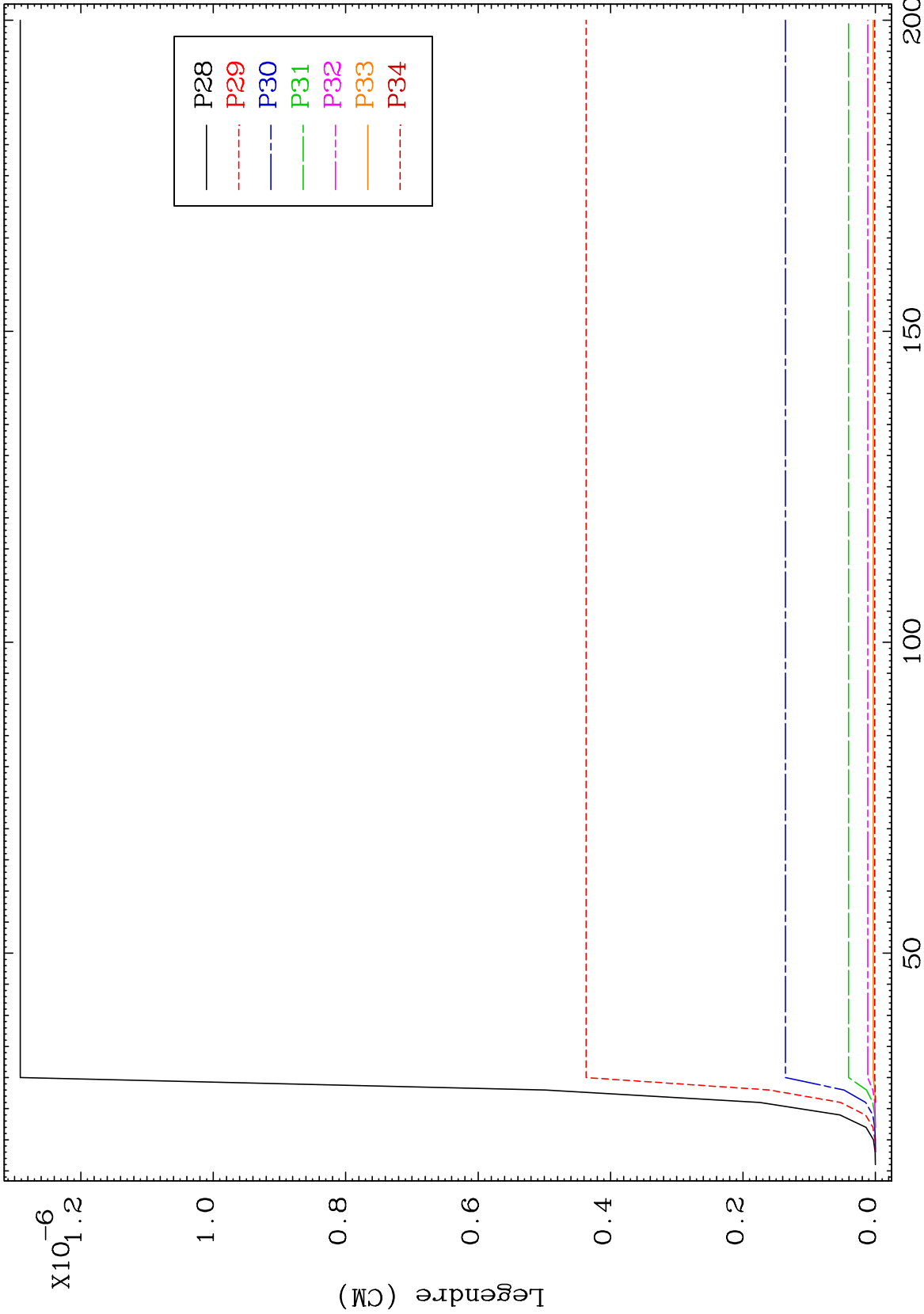
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



62

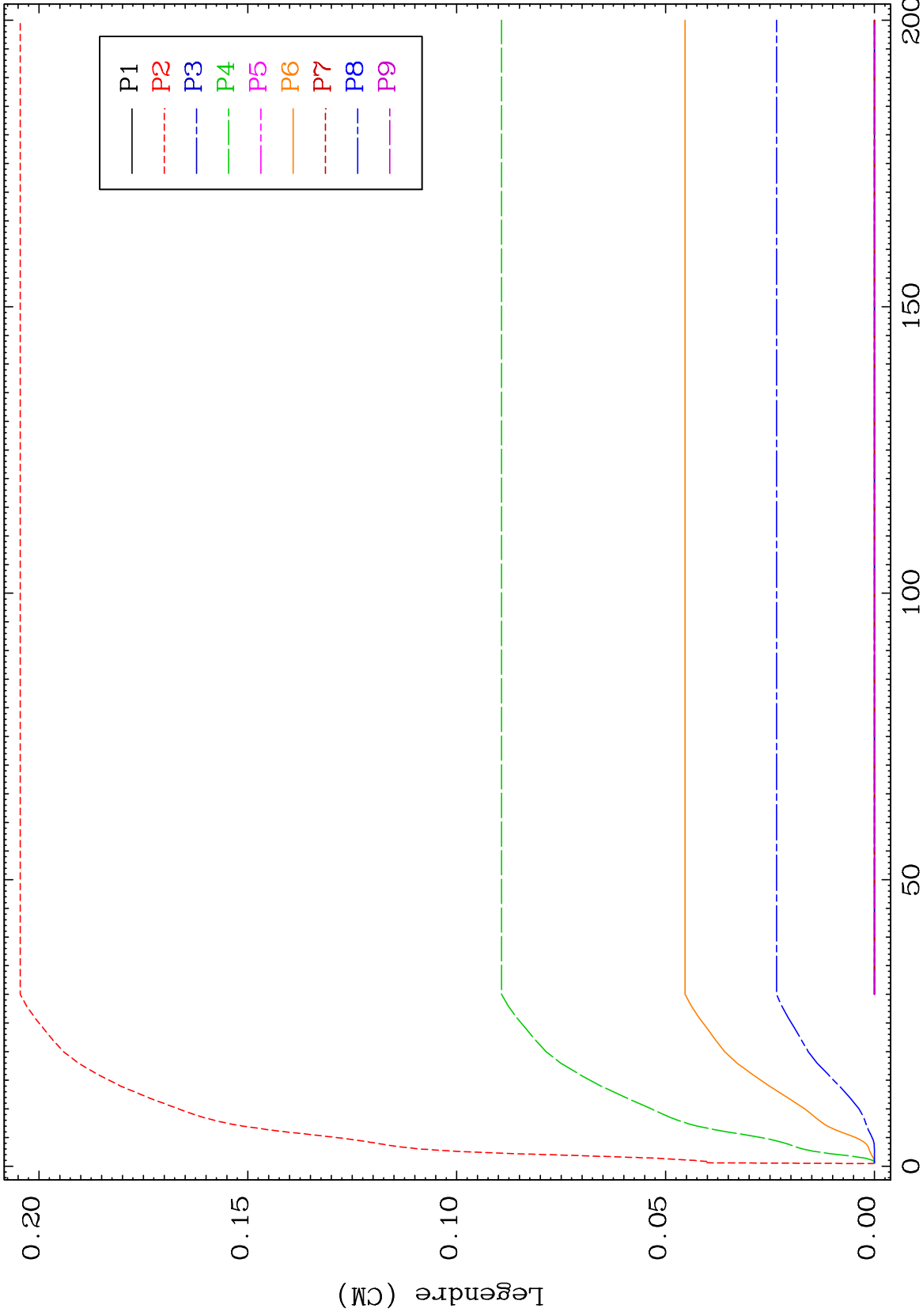
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



63

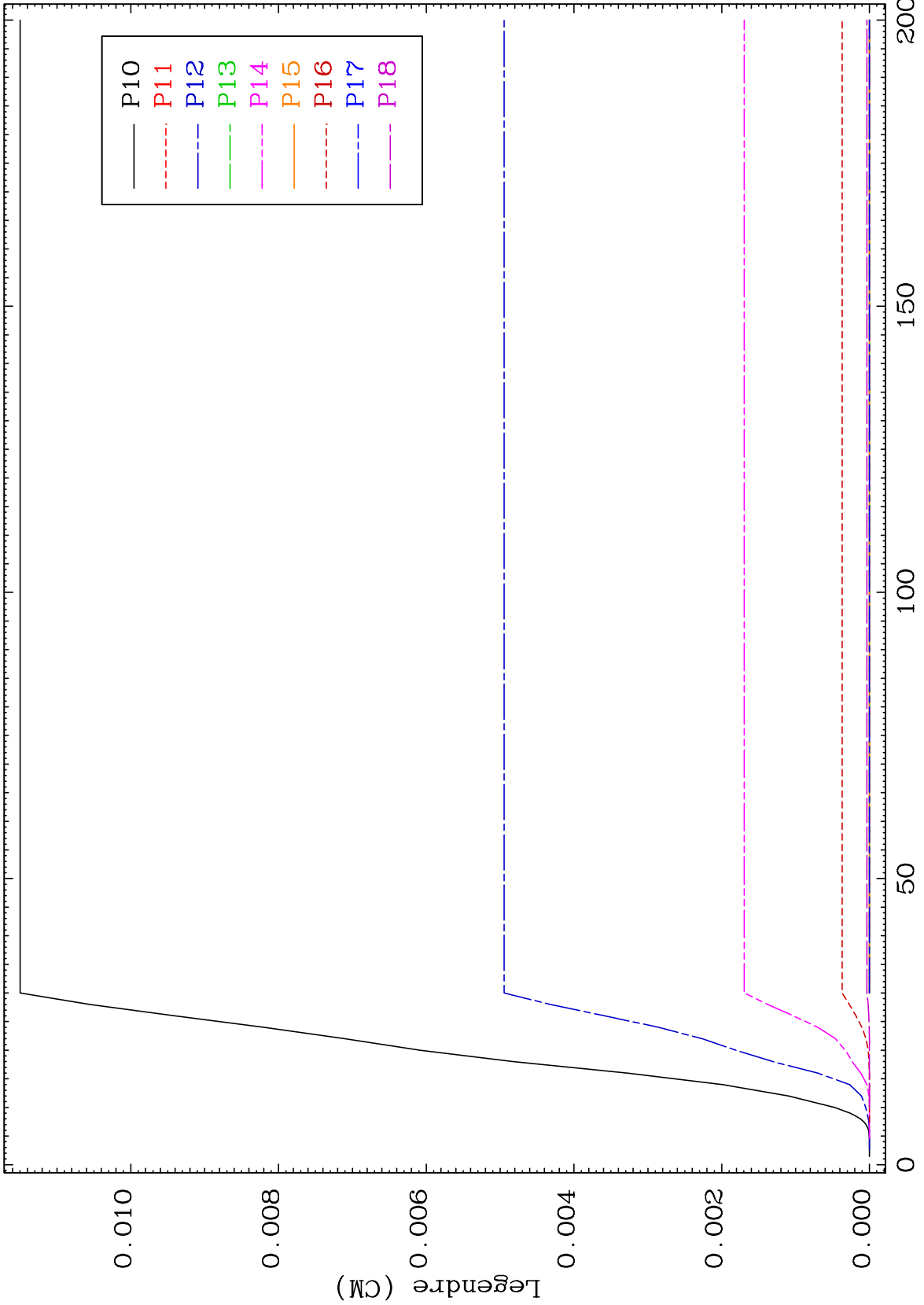
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



64

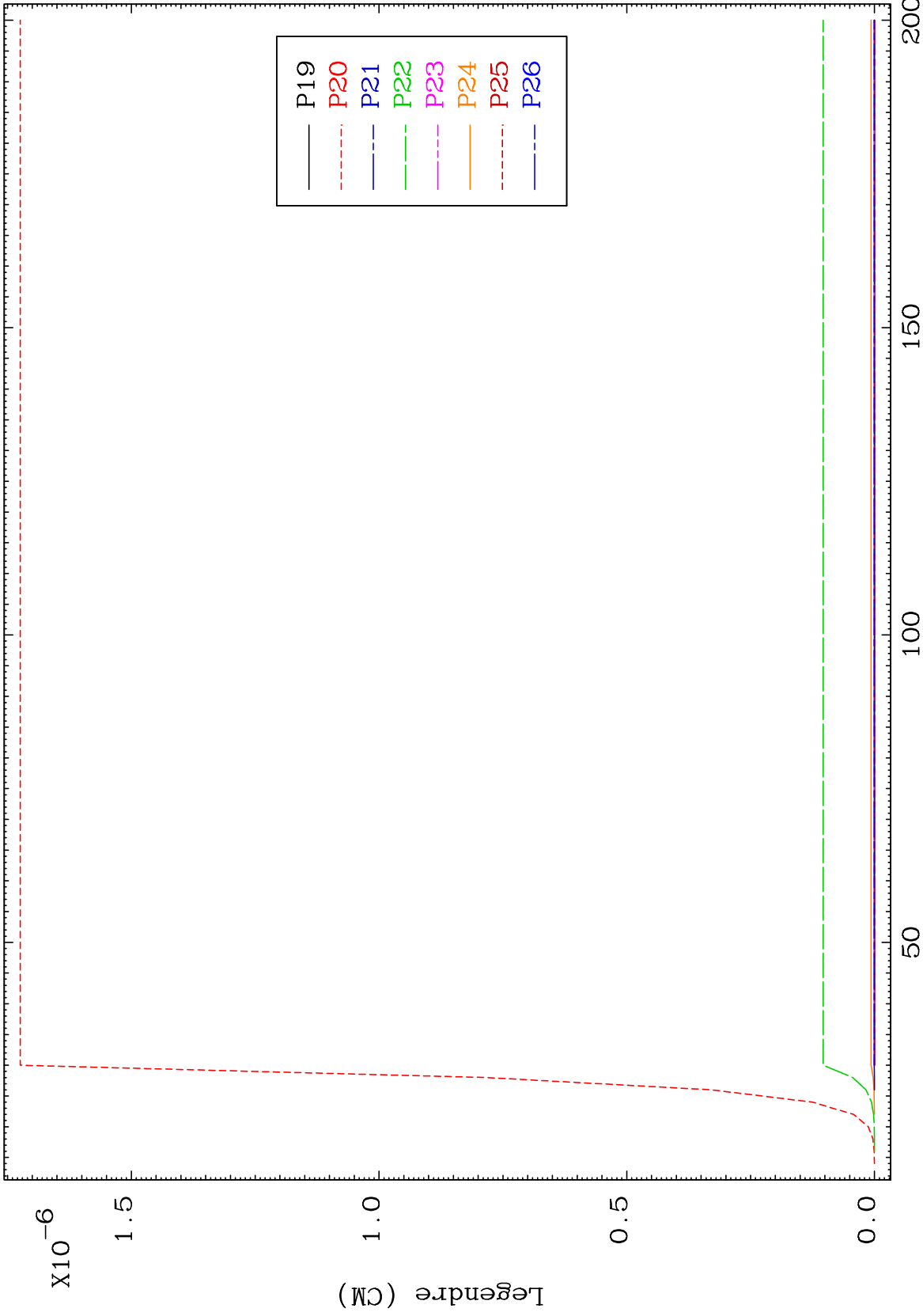
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



65

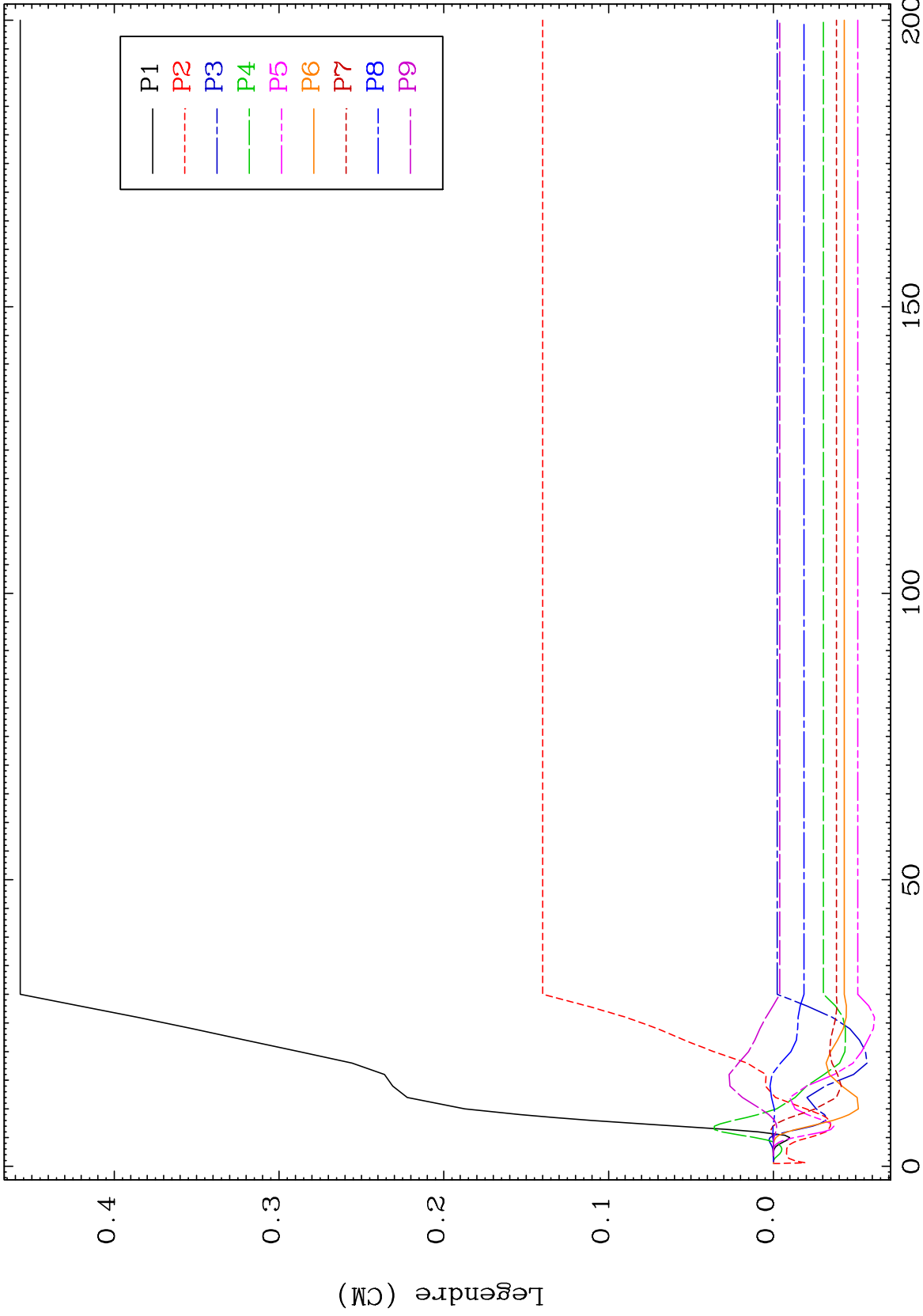
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



66

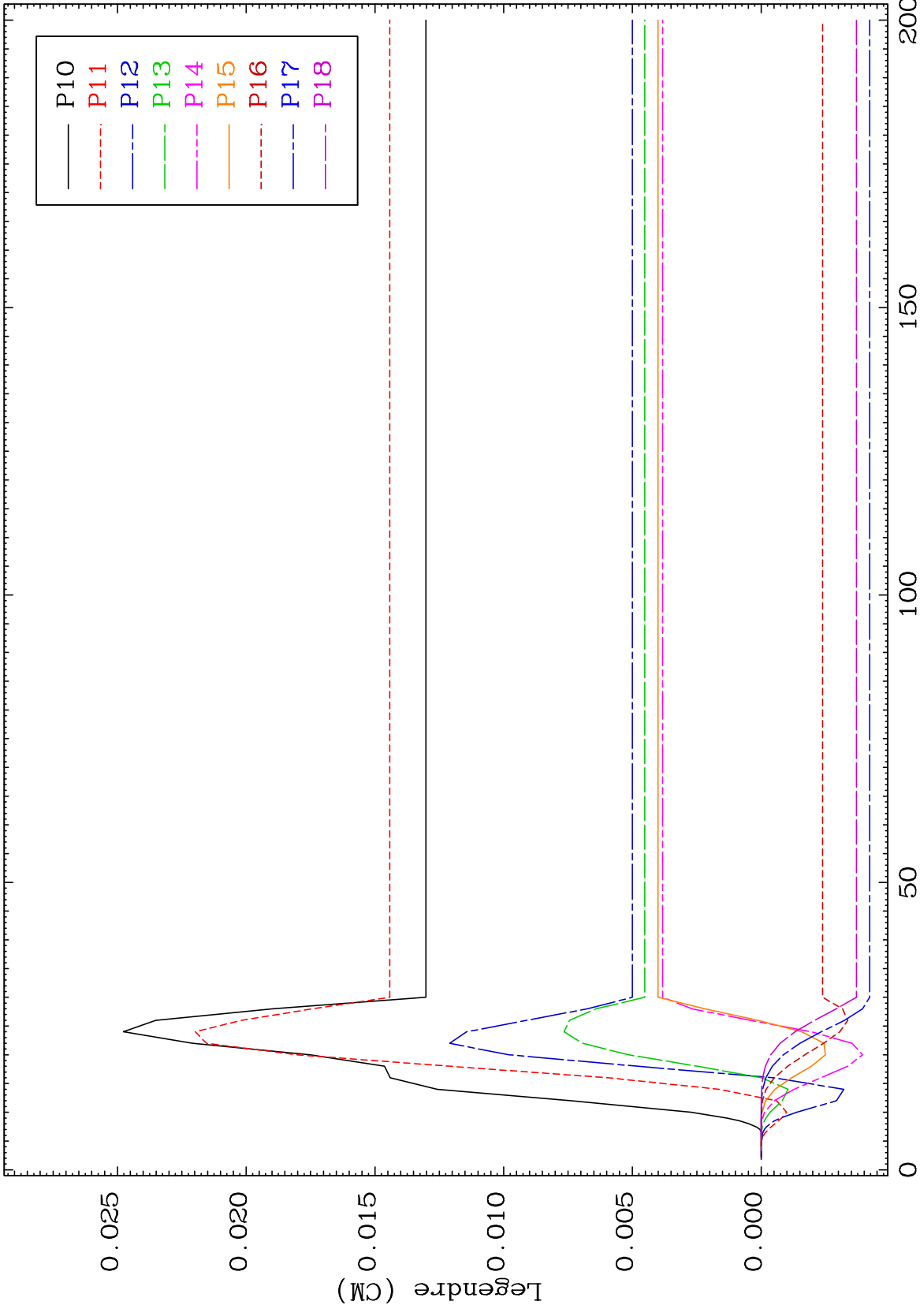
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



67

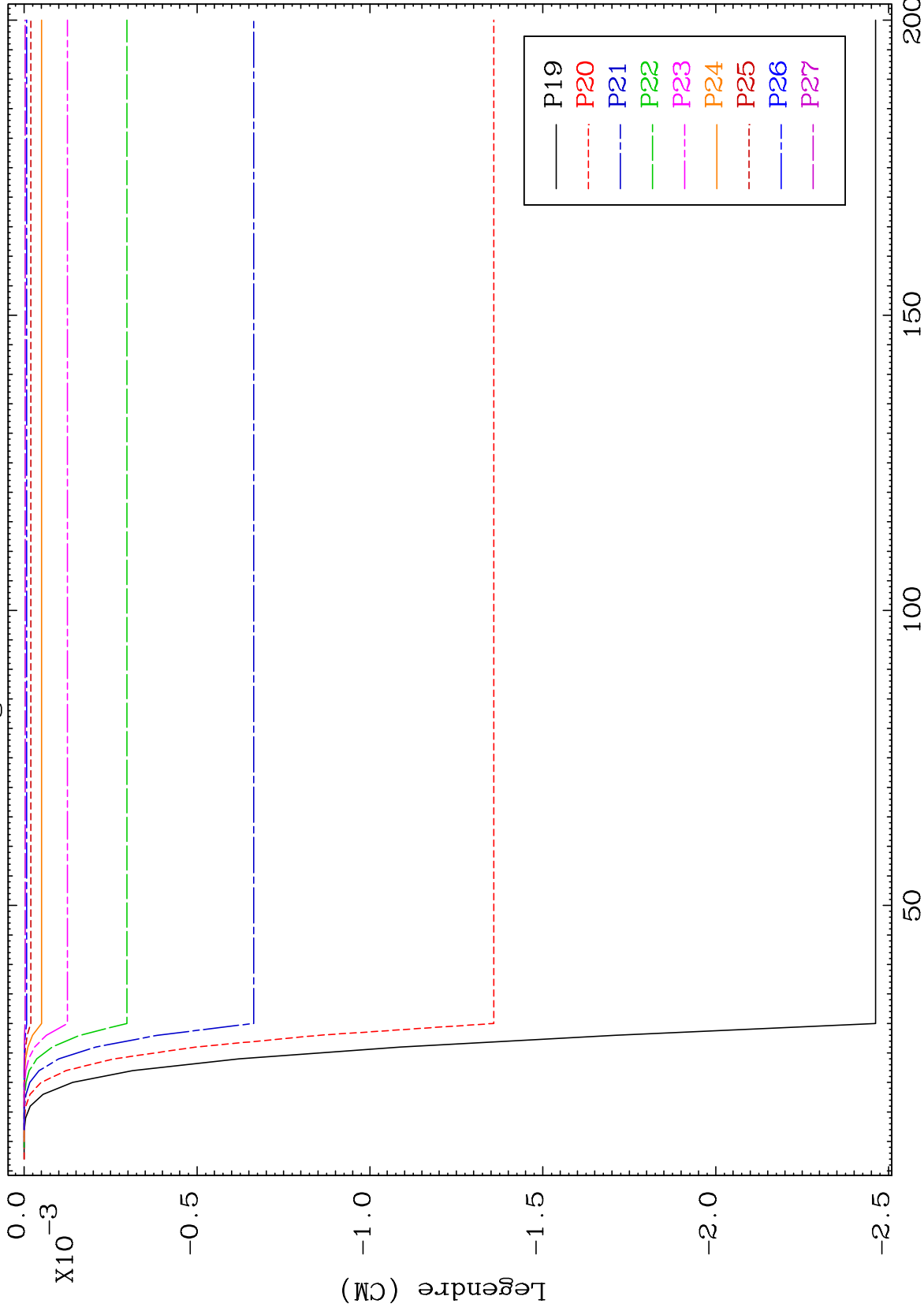
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

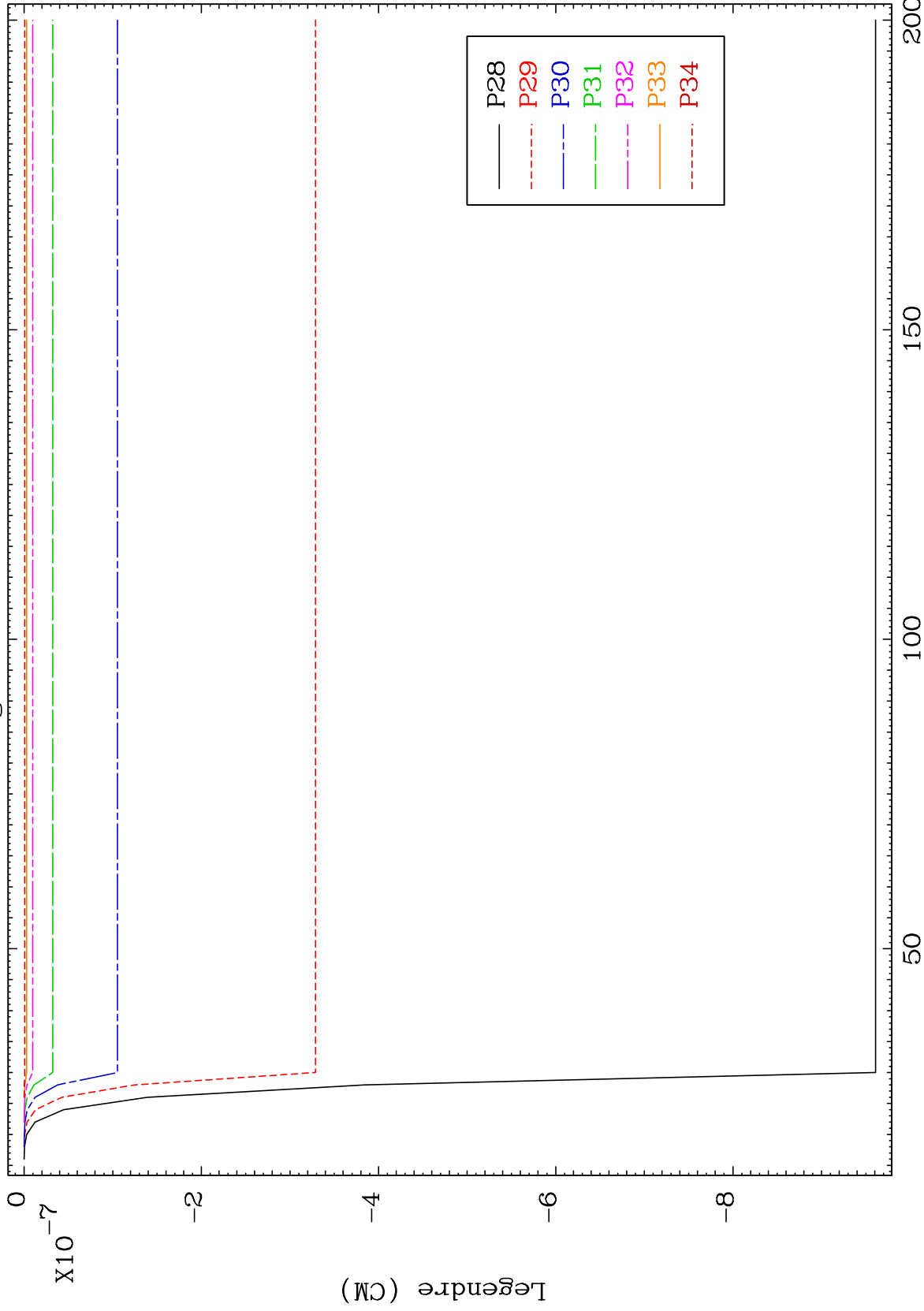
Incident Energy (MeV)

68

MAT 4252

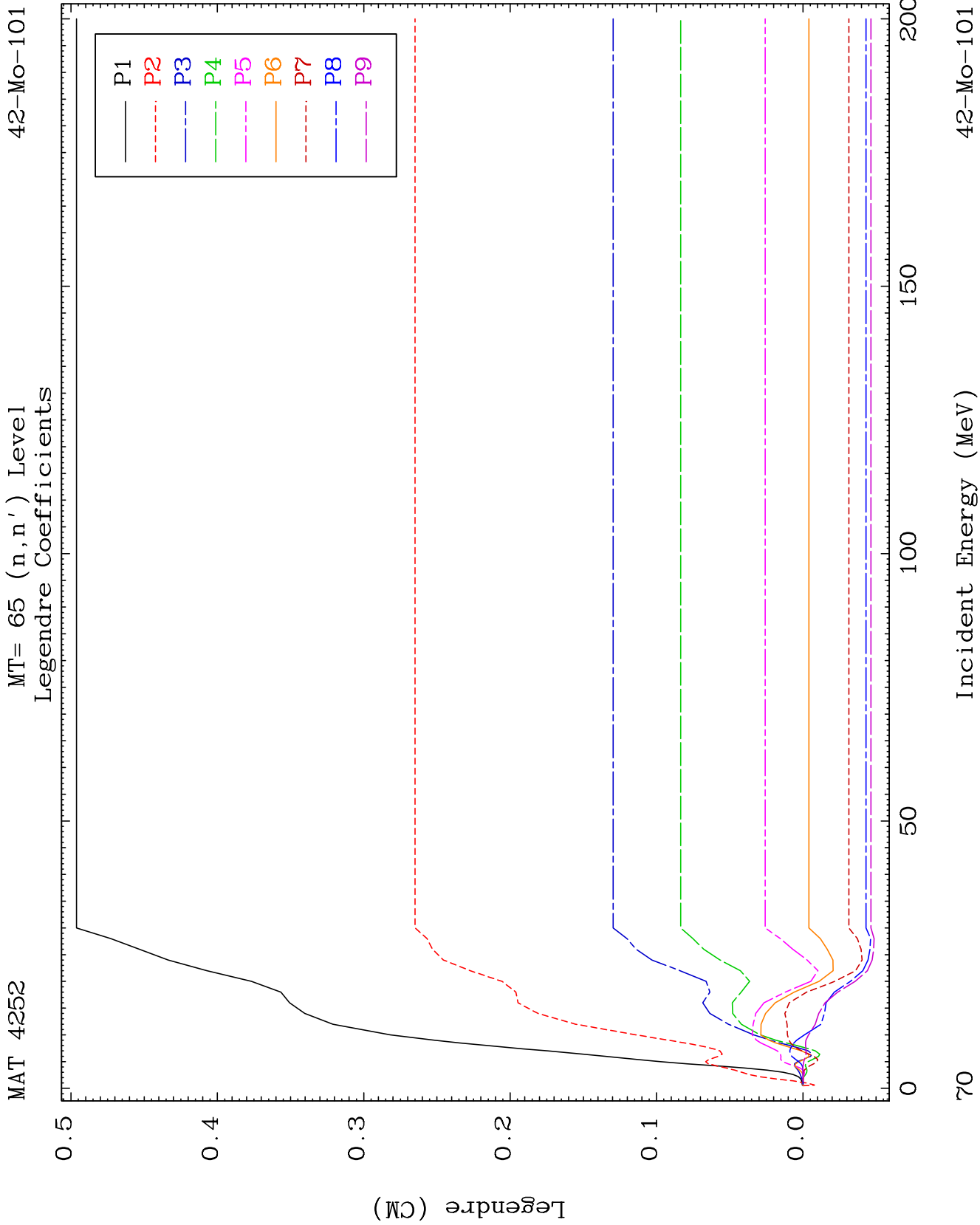
MT= 64 (n,n') Level
Legendre Coefficients

42-Mo-101



69

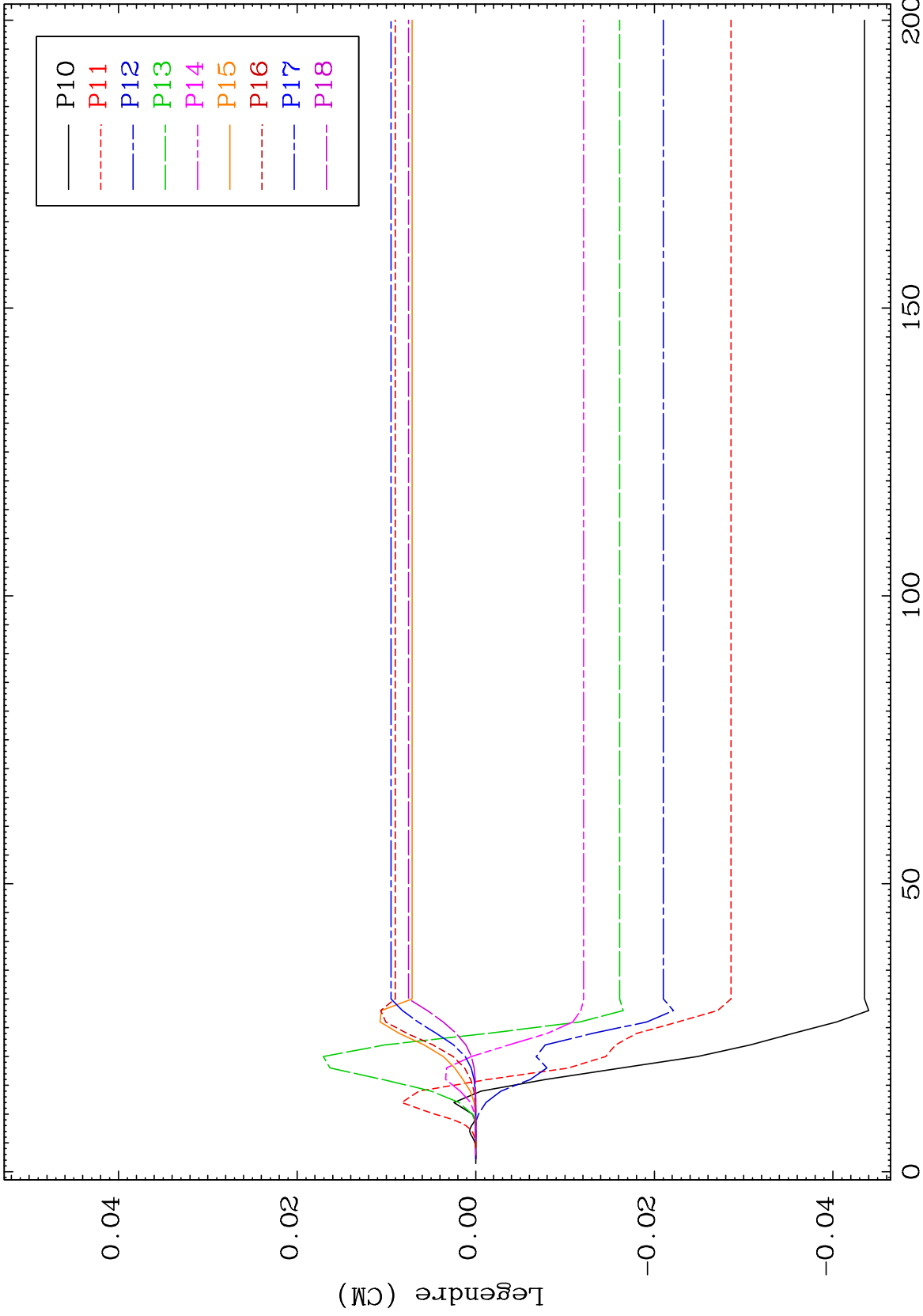
42-Mo-101



MAT 4252

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

42-Mo-101



71

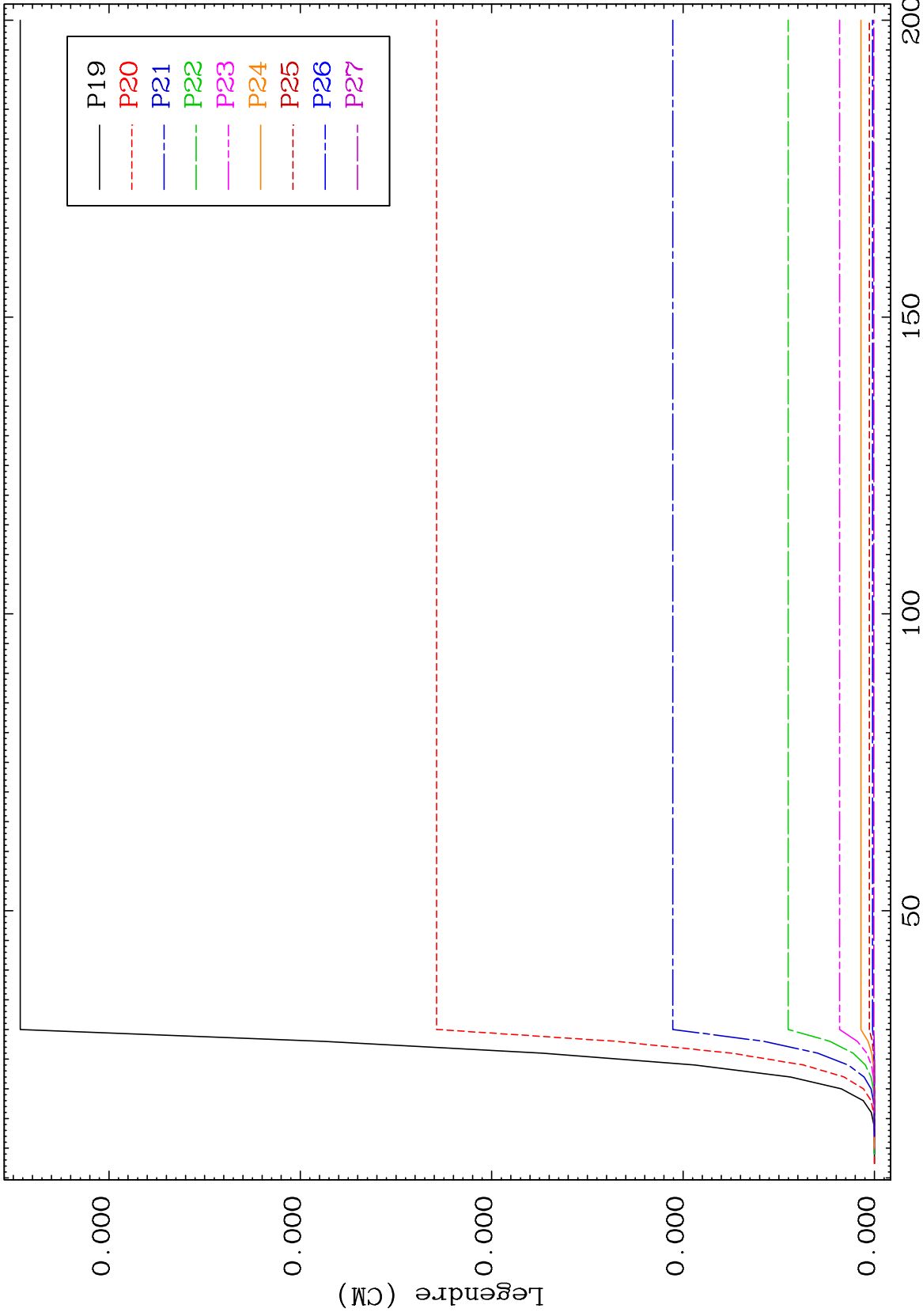
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



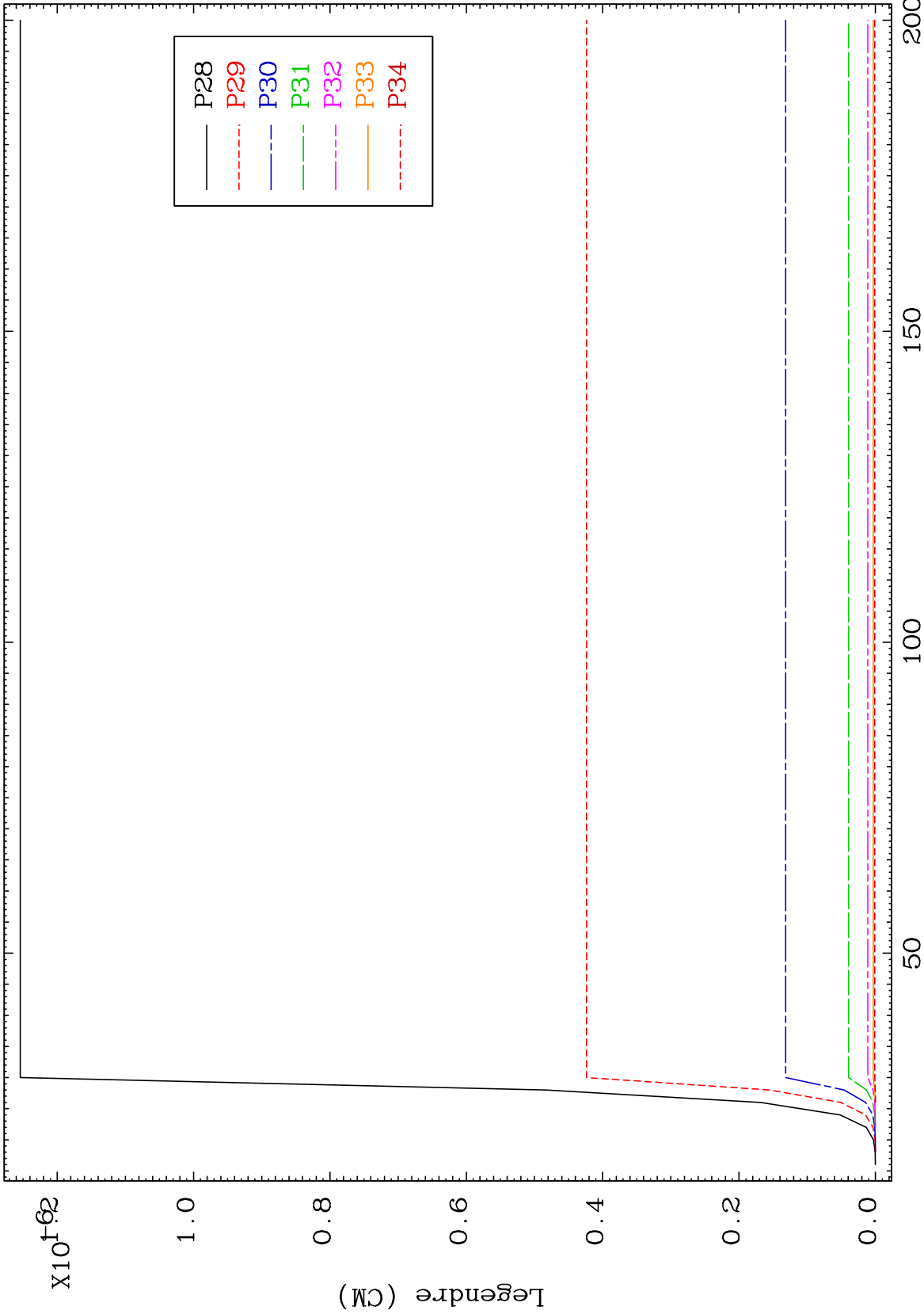
72

42-Mo-101

MAT 4252

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

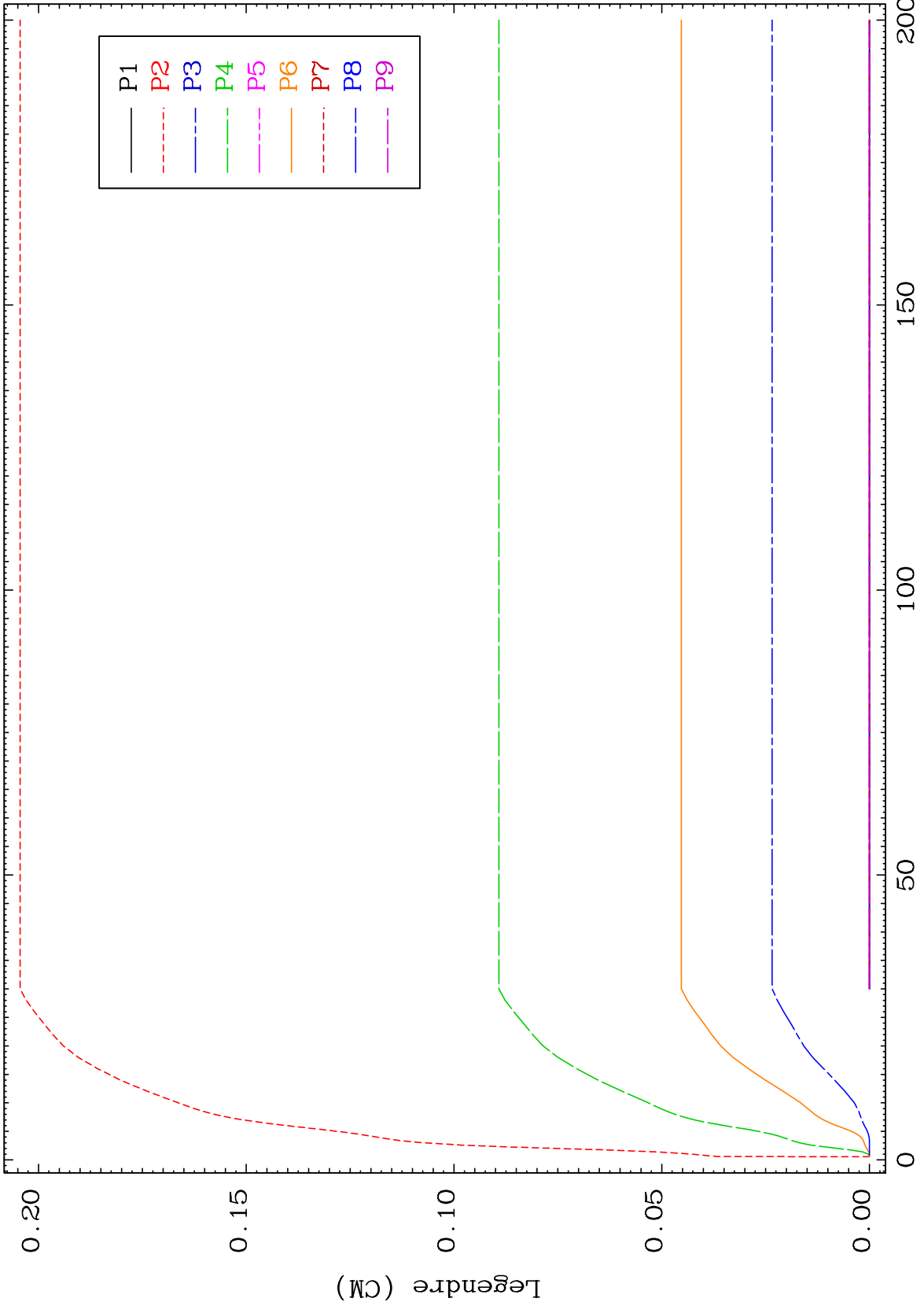
42-Mo-101



73

42-Mo-101

MAT 4252 MT= 66 (n,n') Level Legendre Coefficients 42-Mo-101

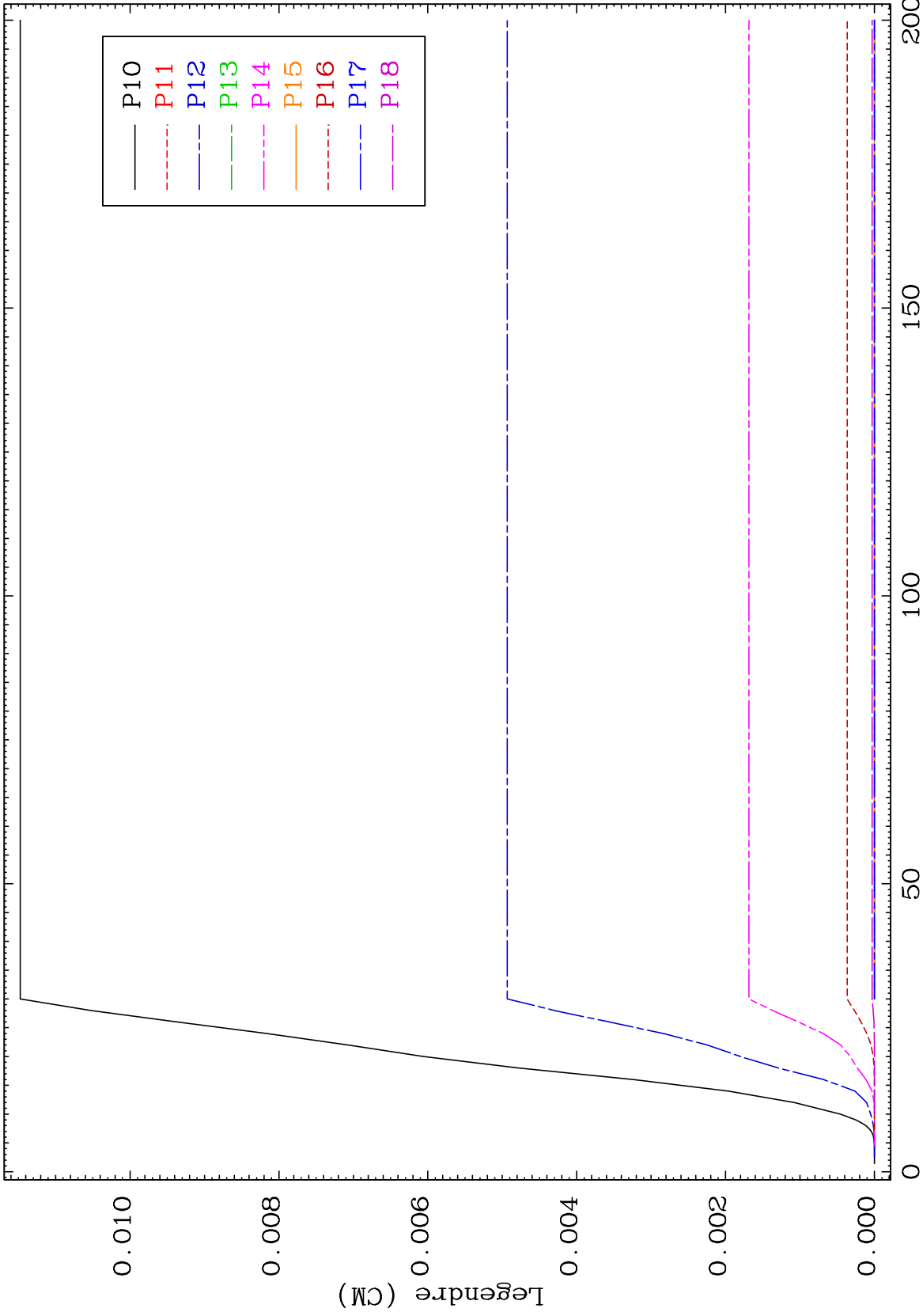


74 42-Mo-101

MAT 4252

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

42-Mo-101



75

Incident Energy (MeV)

42-Mo-101

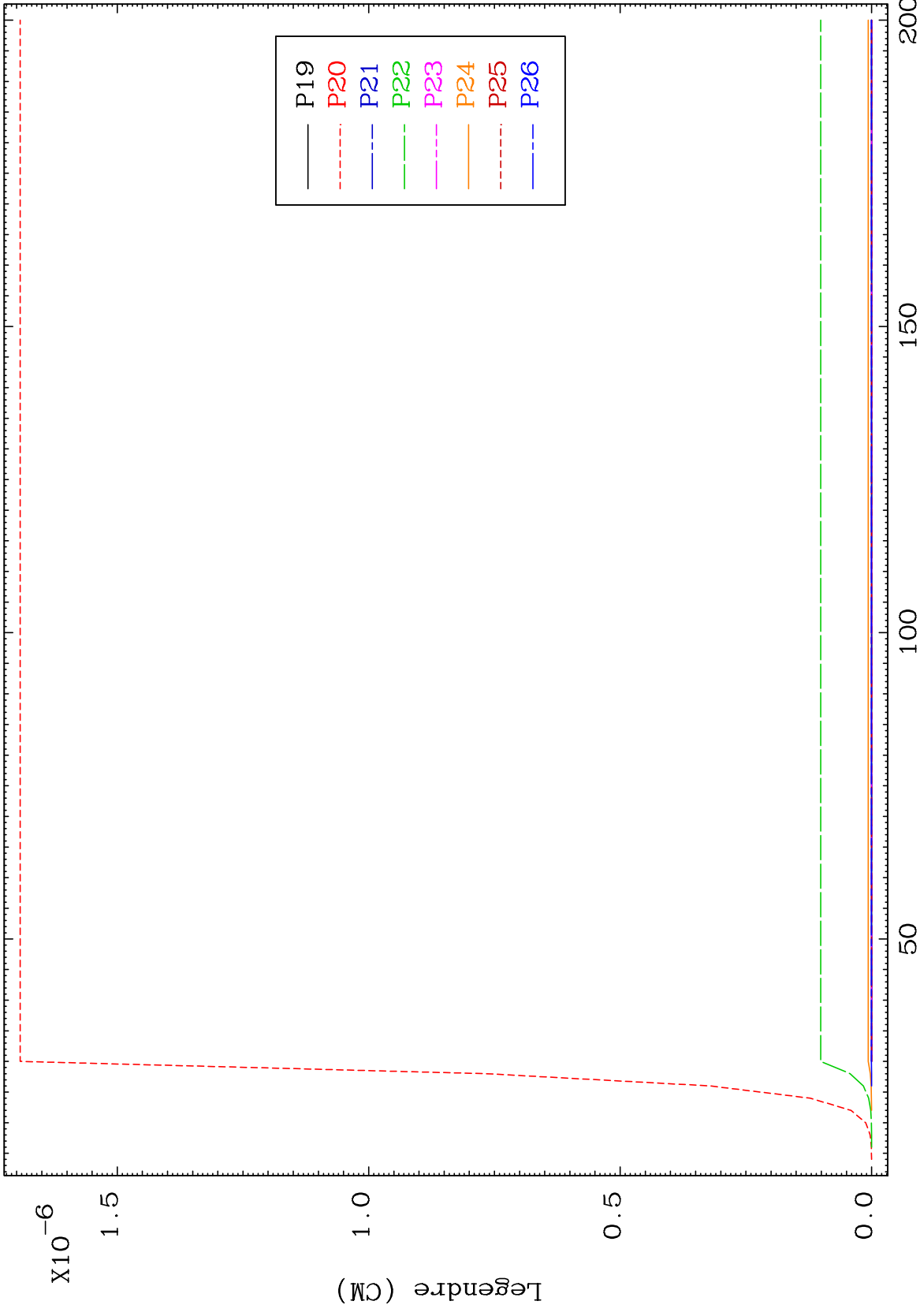
MAT 4252

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

42-Mo-101

Incident Energy (MeV)

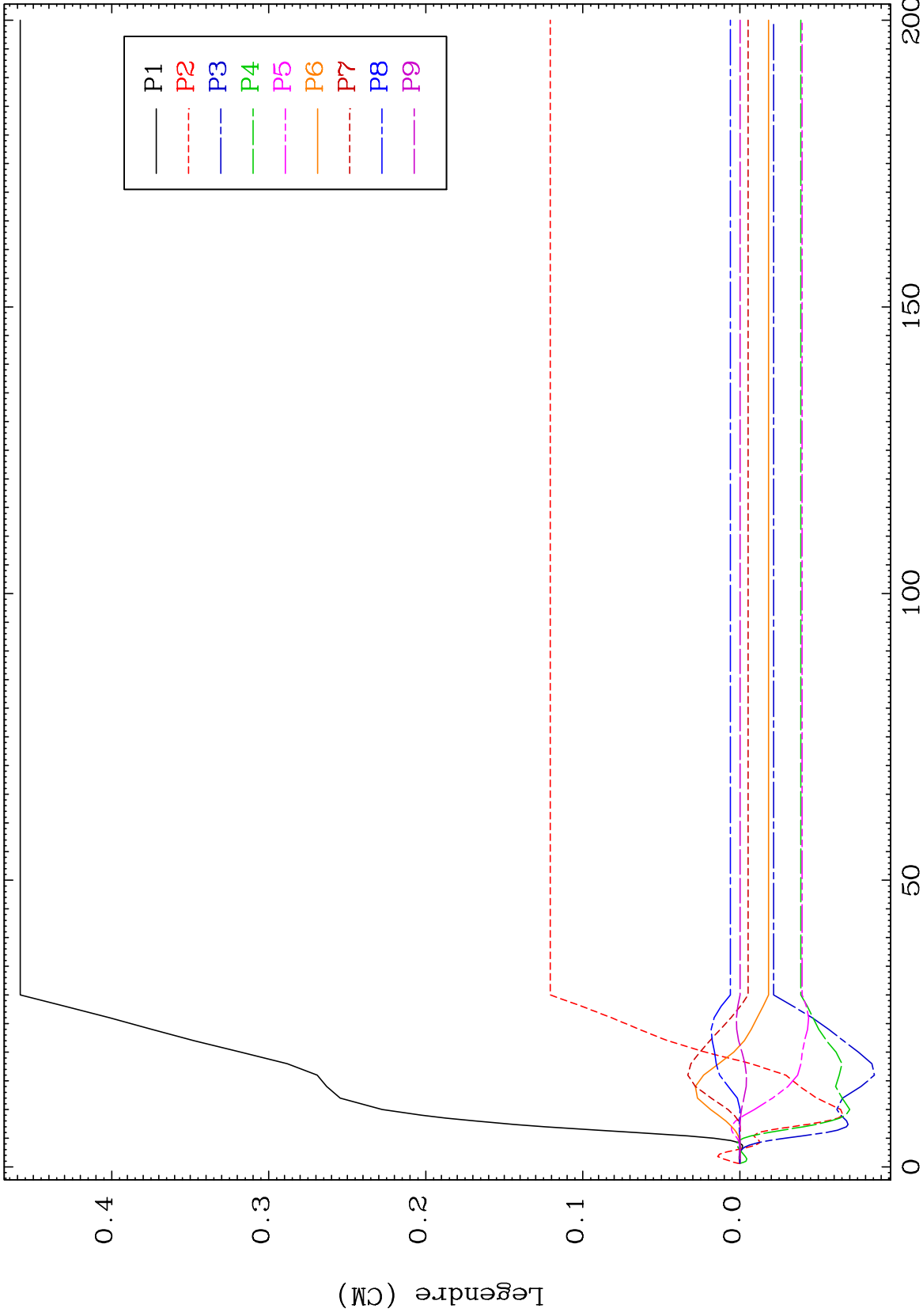
76



MAT 4252

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

42-Mo-101



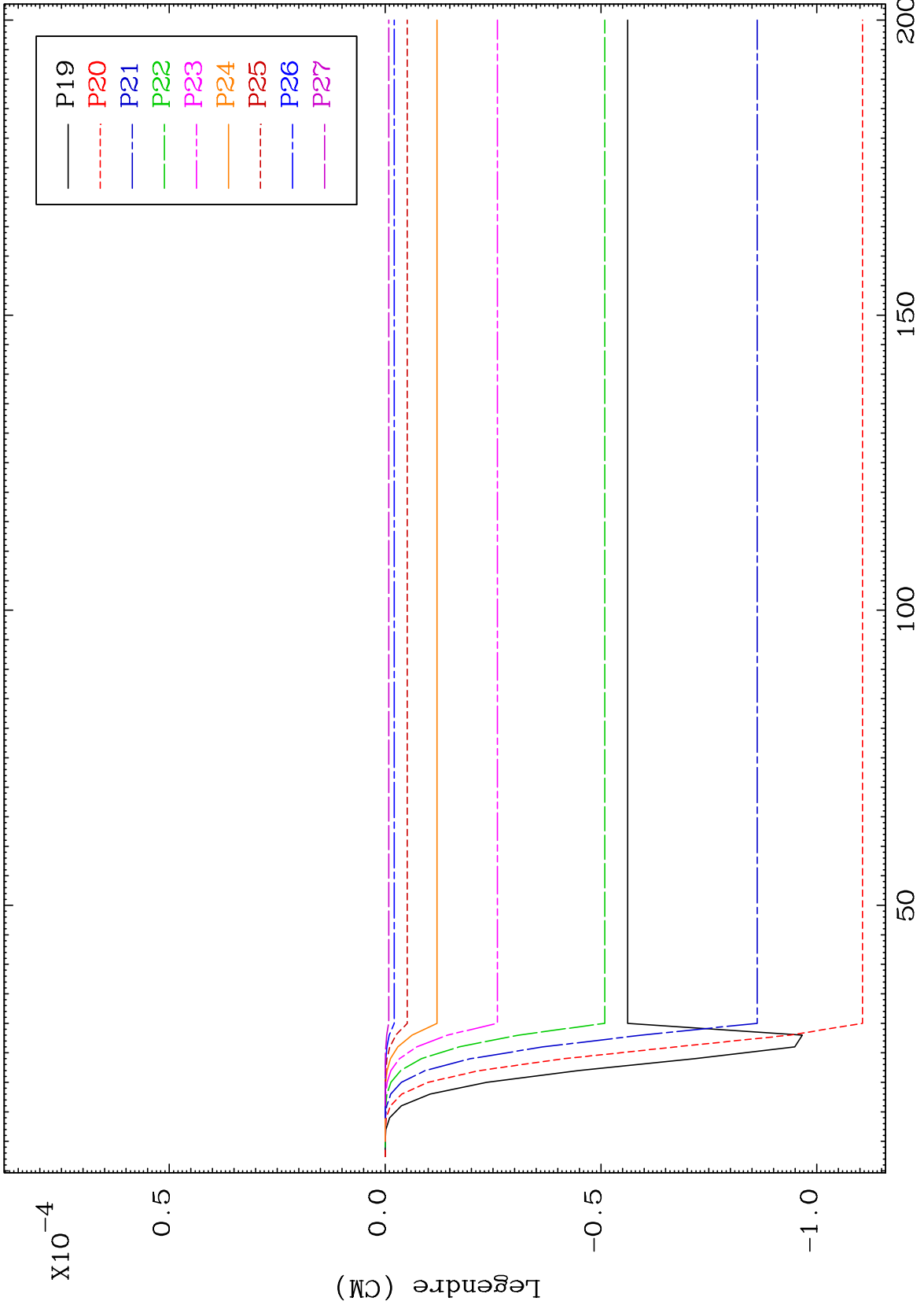
77

42-Mo-101

MAT 4252

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

42-Mo-101



79

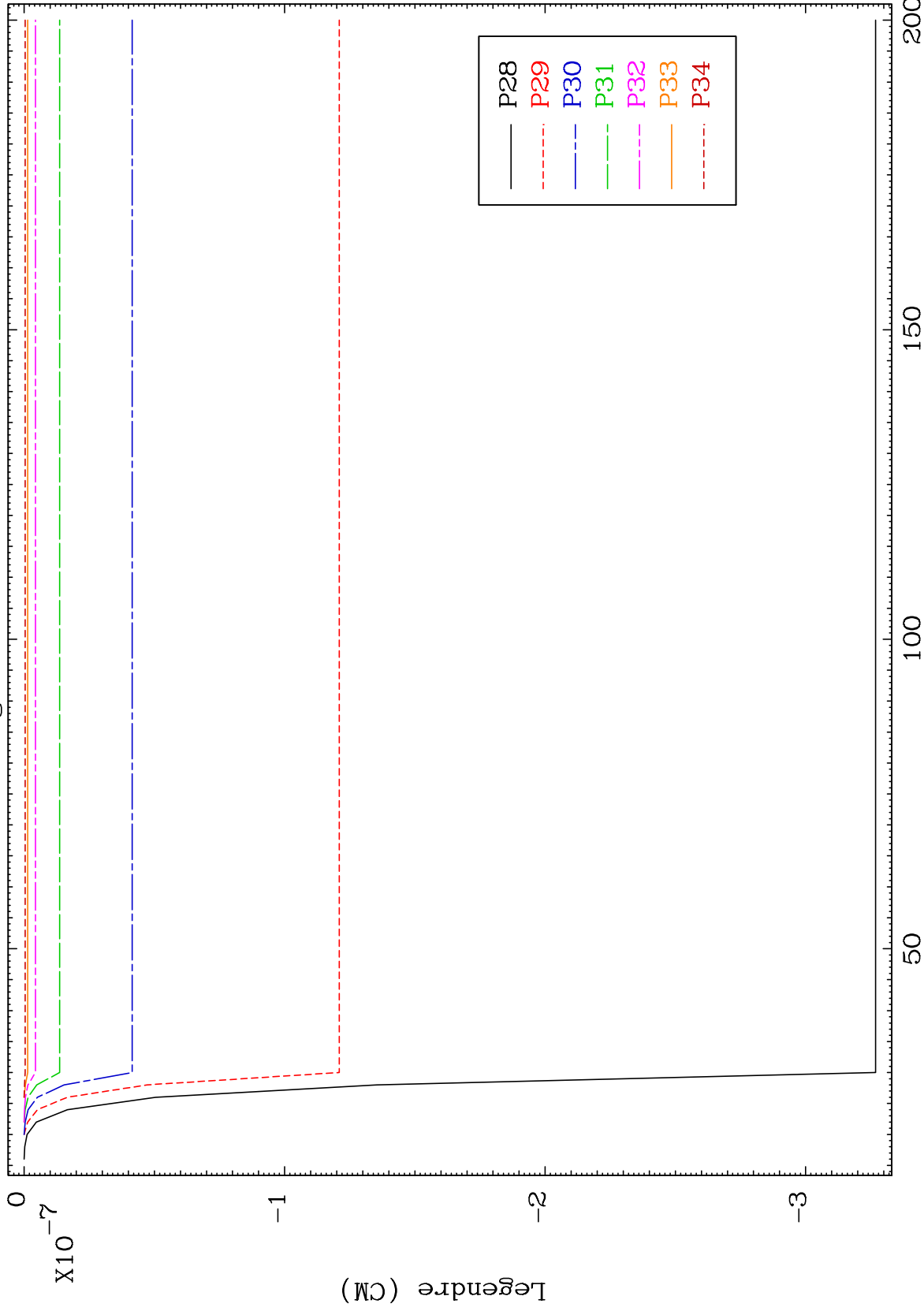
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

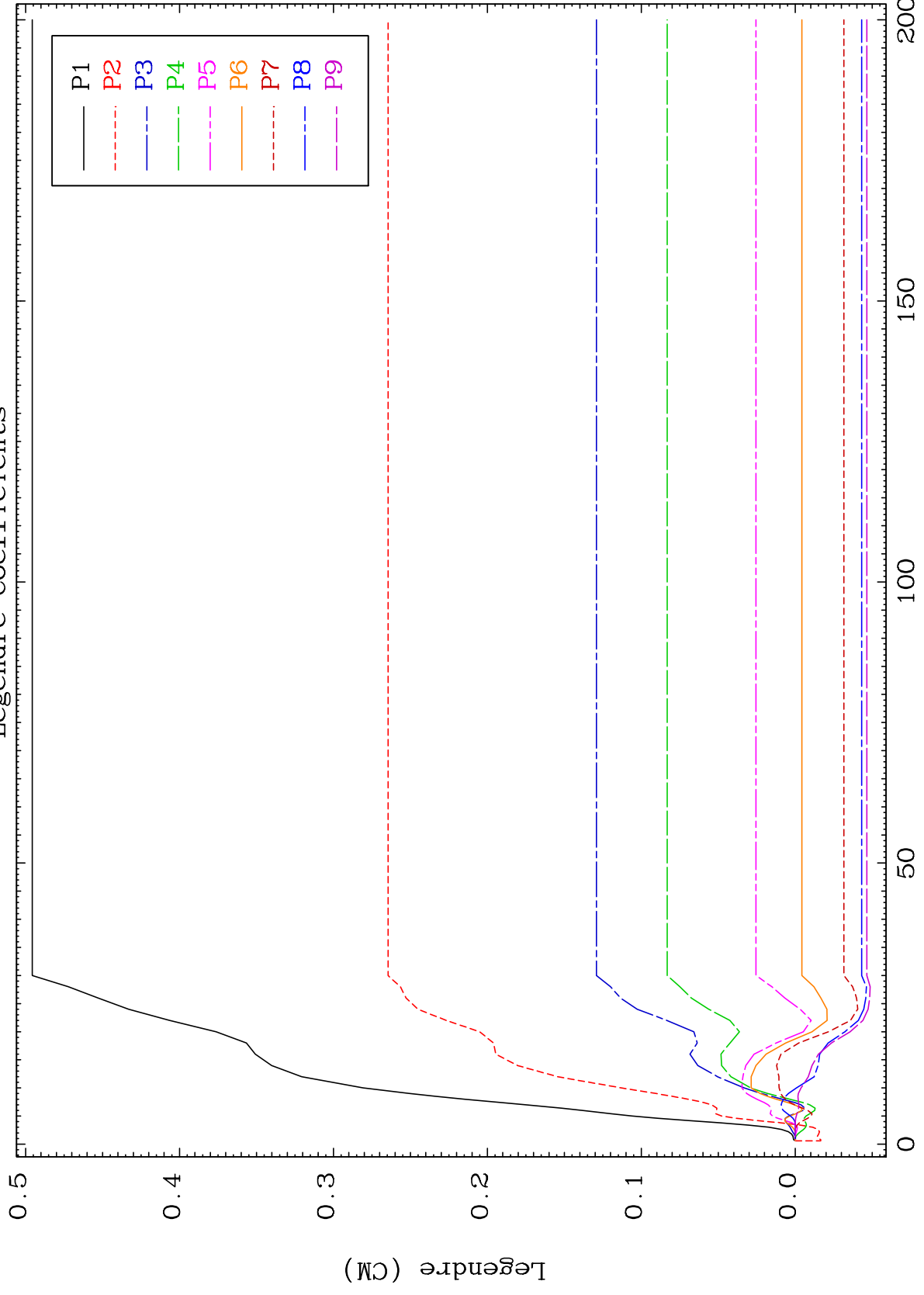
Incident Energy (MeV)

80

MAT 4252

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

42-Mo-101



81

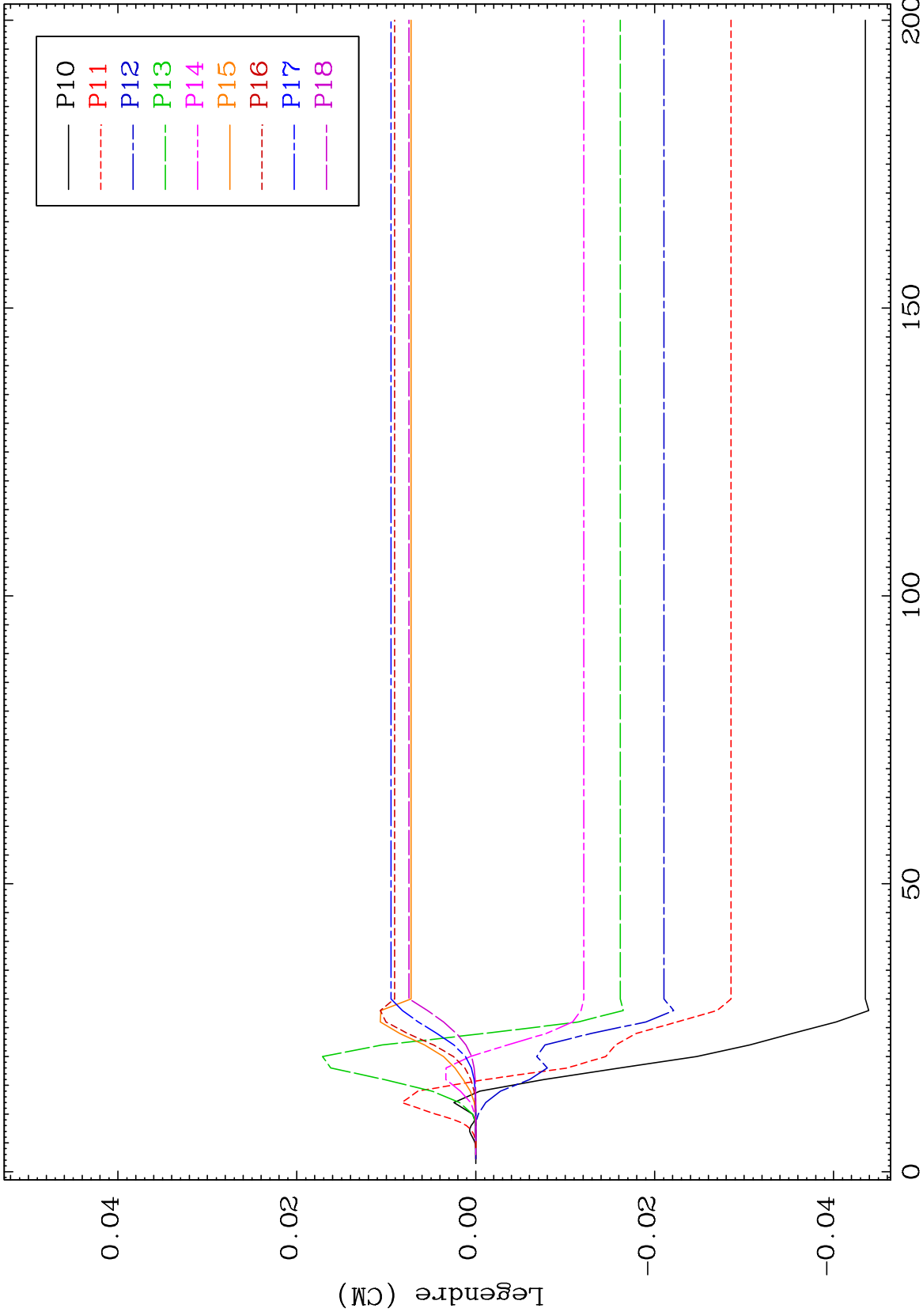
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



82

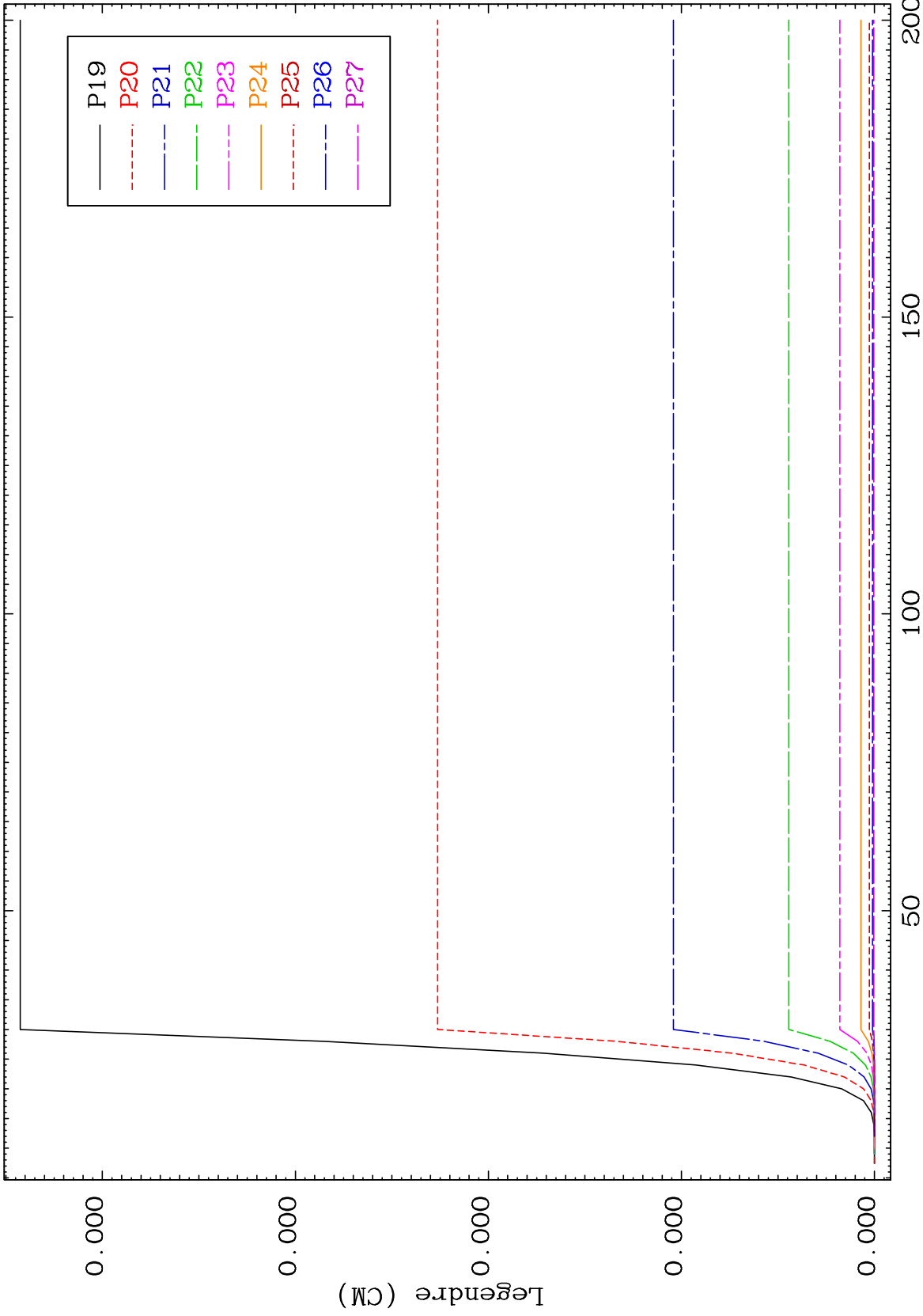
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



83

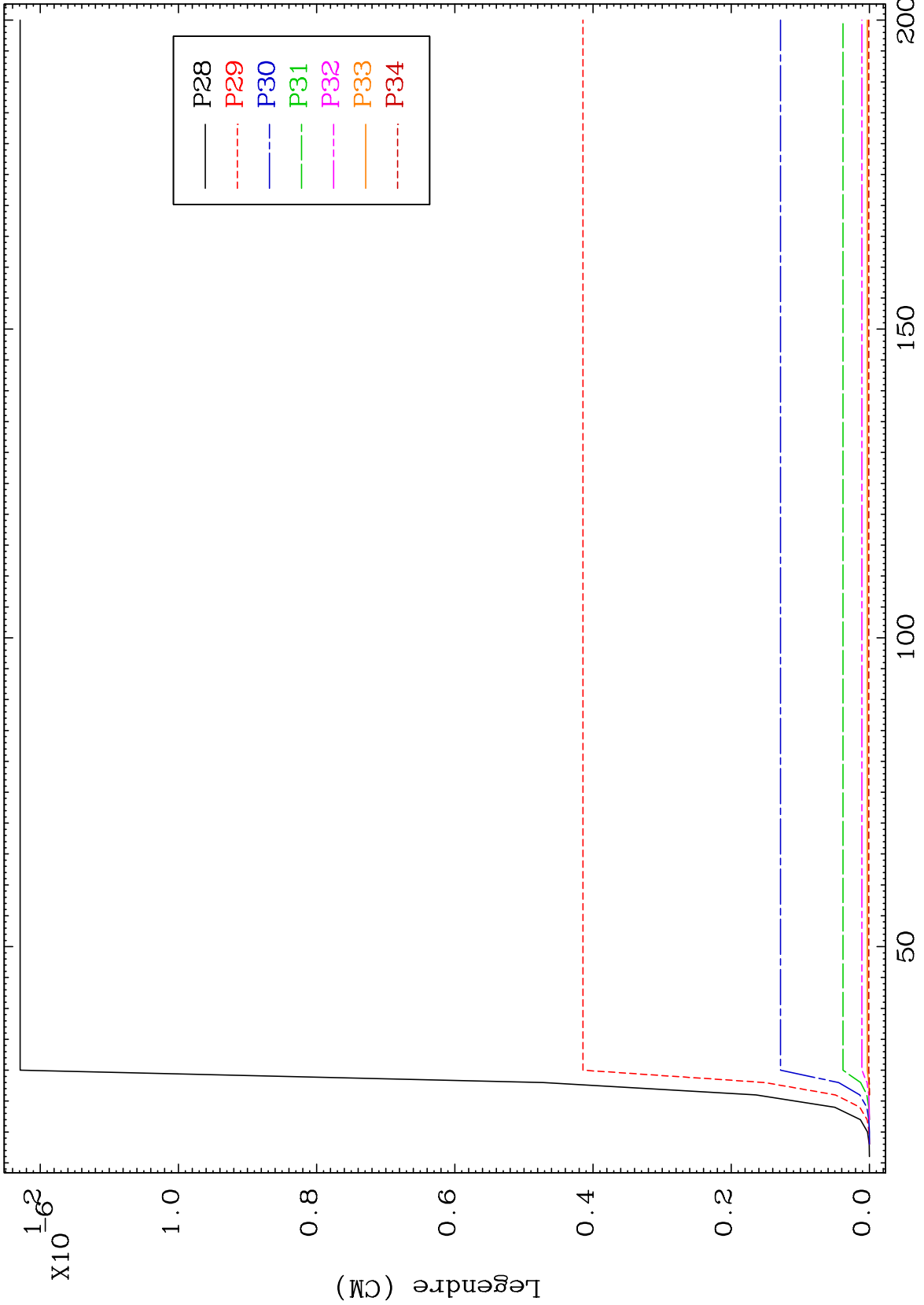
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

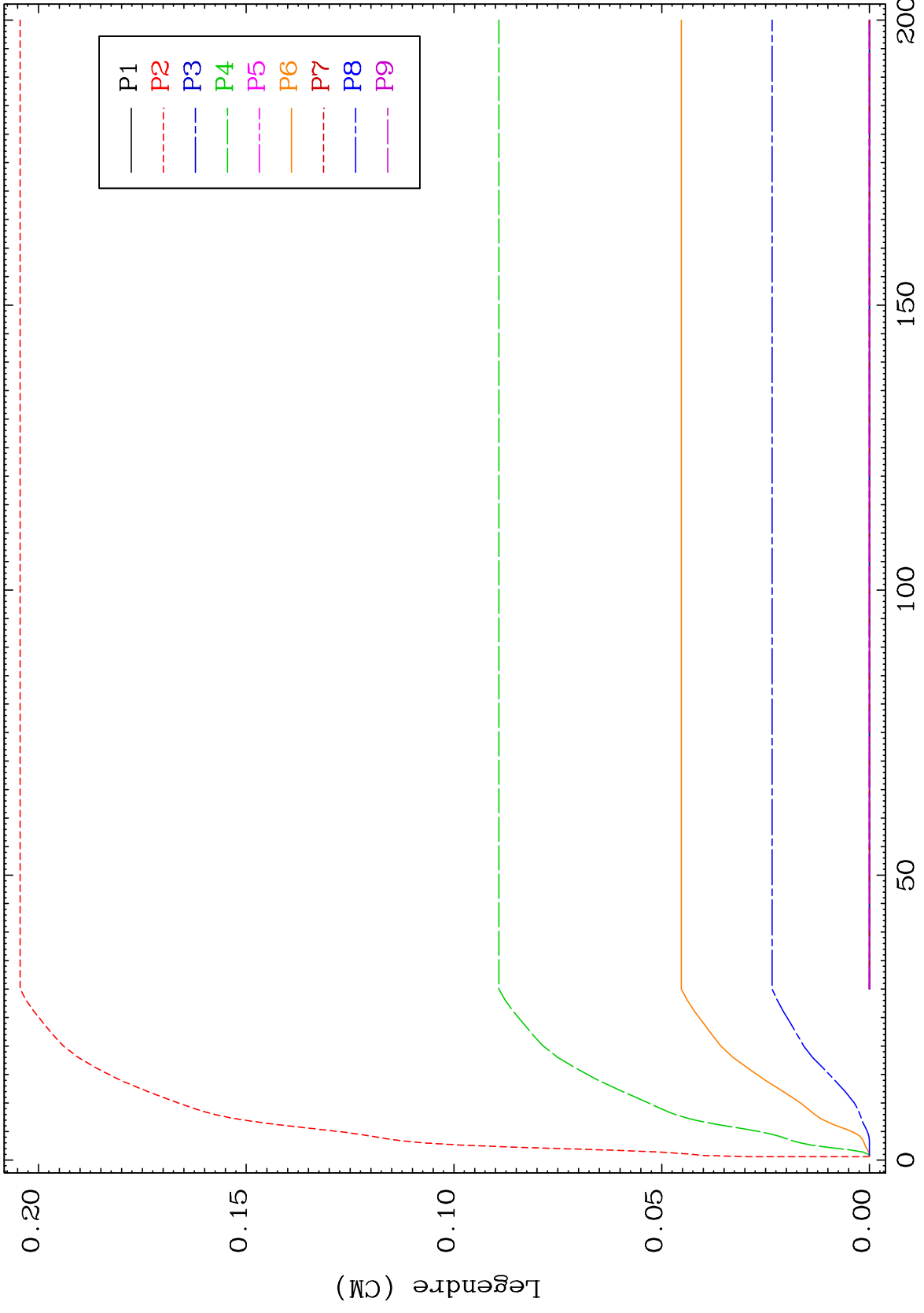
42-Mo-101



84

42-Mo-101

MAT 4252 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-101

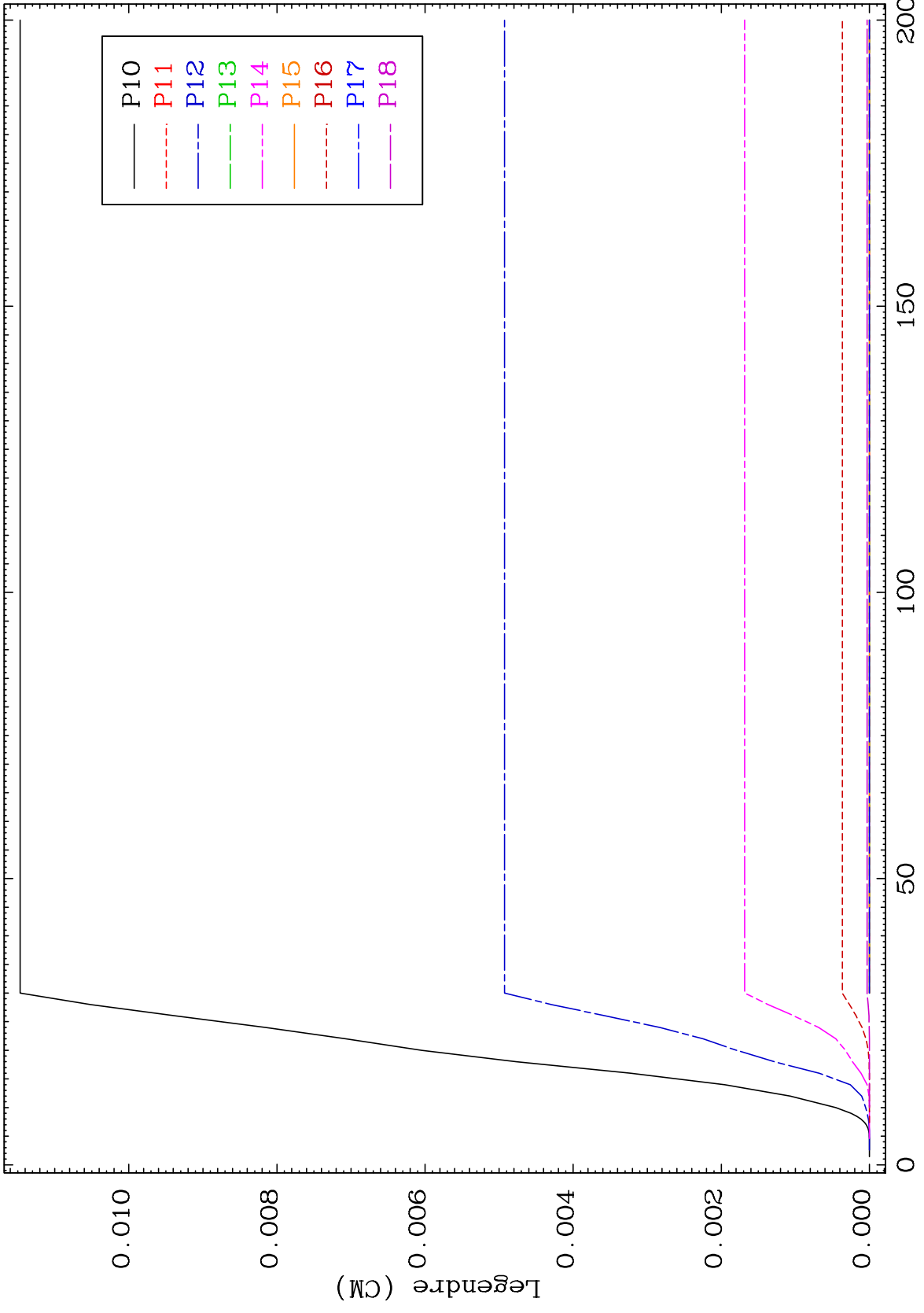


85 Incident Energy (MeV) 42-Mo-101

MAT 4252

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

42-Mo-101

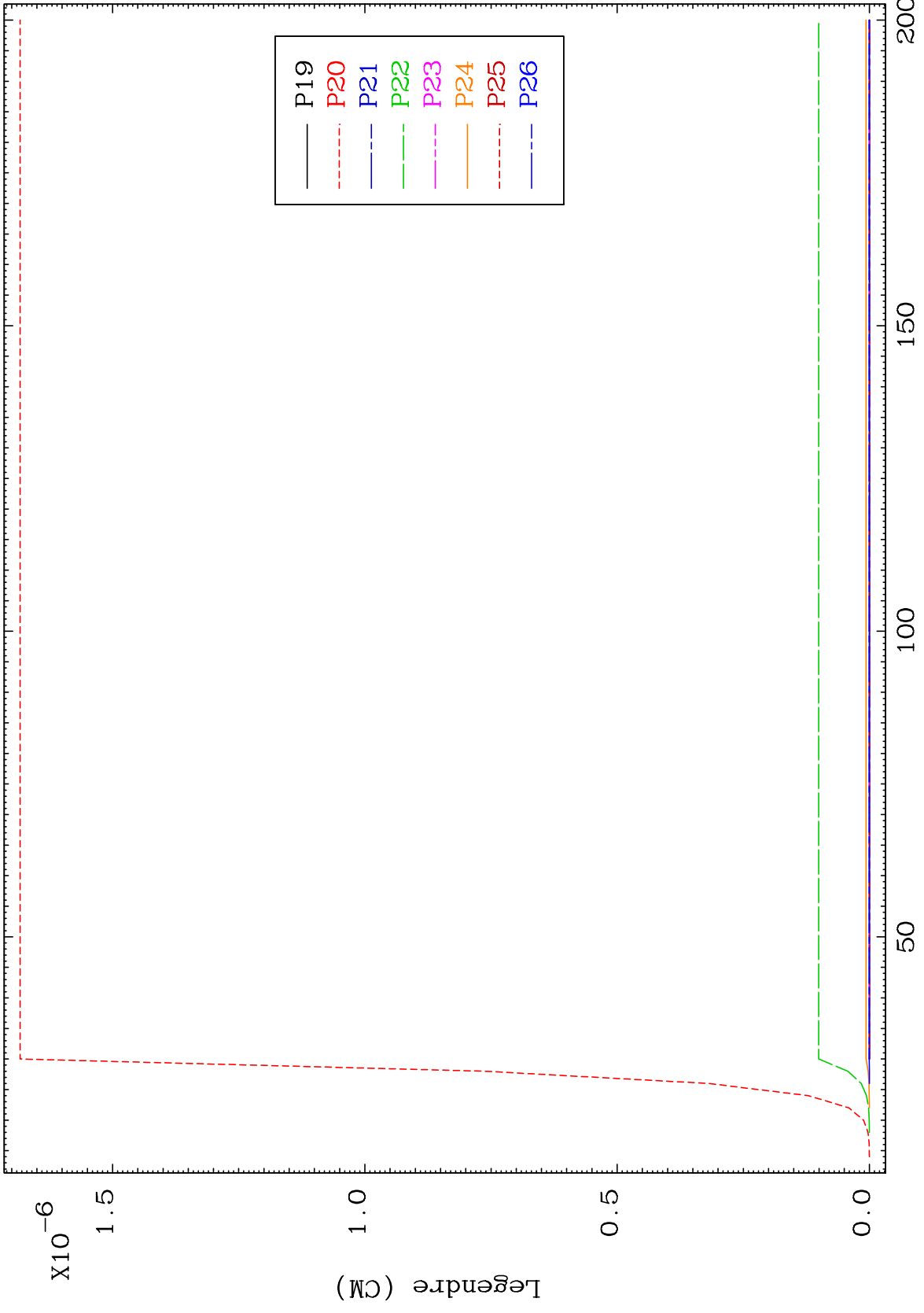


86

Incident Energy (MeV)

42-Mo-101

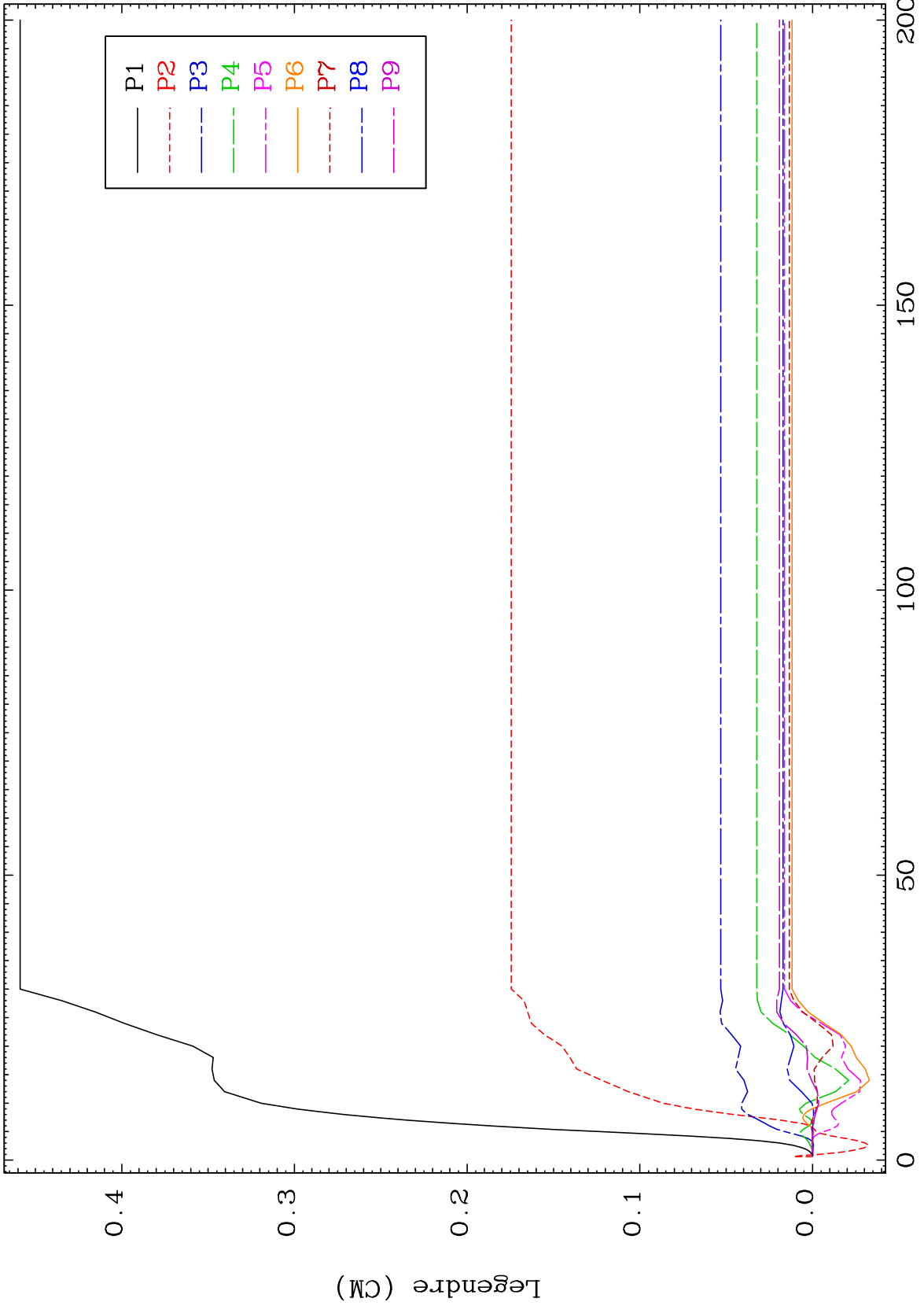
MAT 4252 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-101



MAT 4252

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

42-Mo-101



88

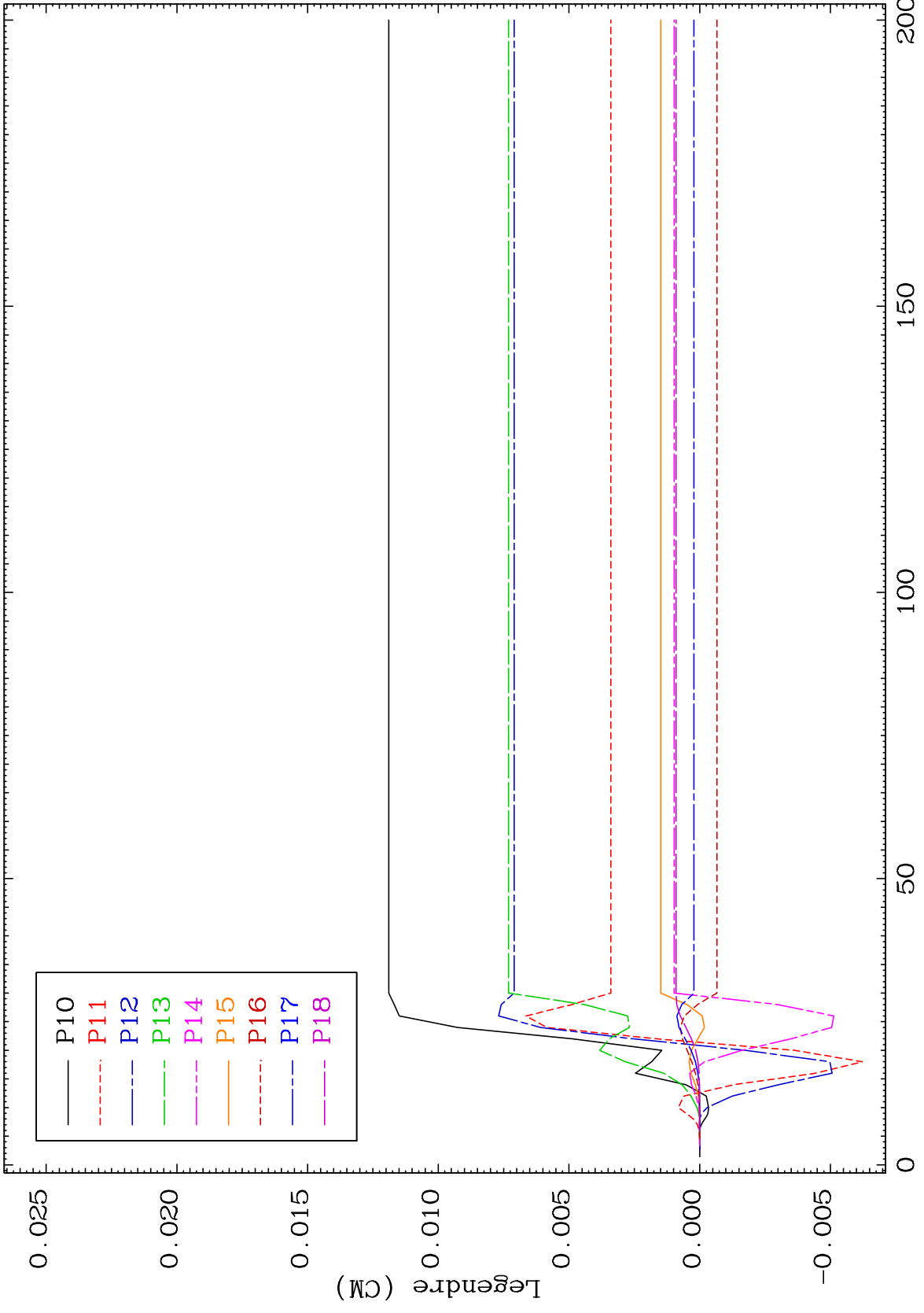
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



89

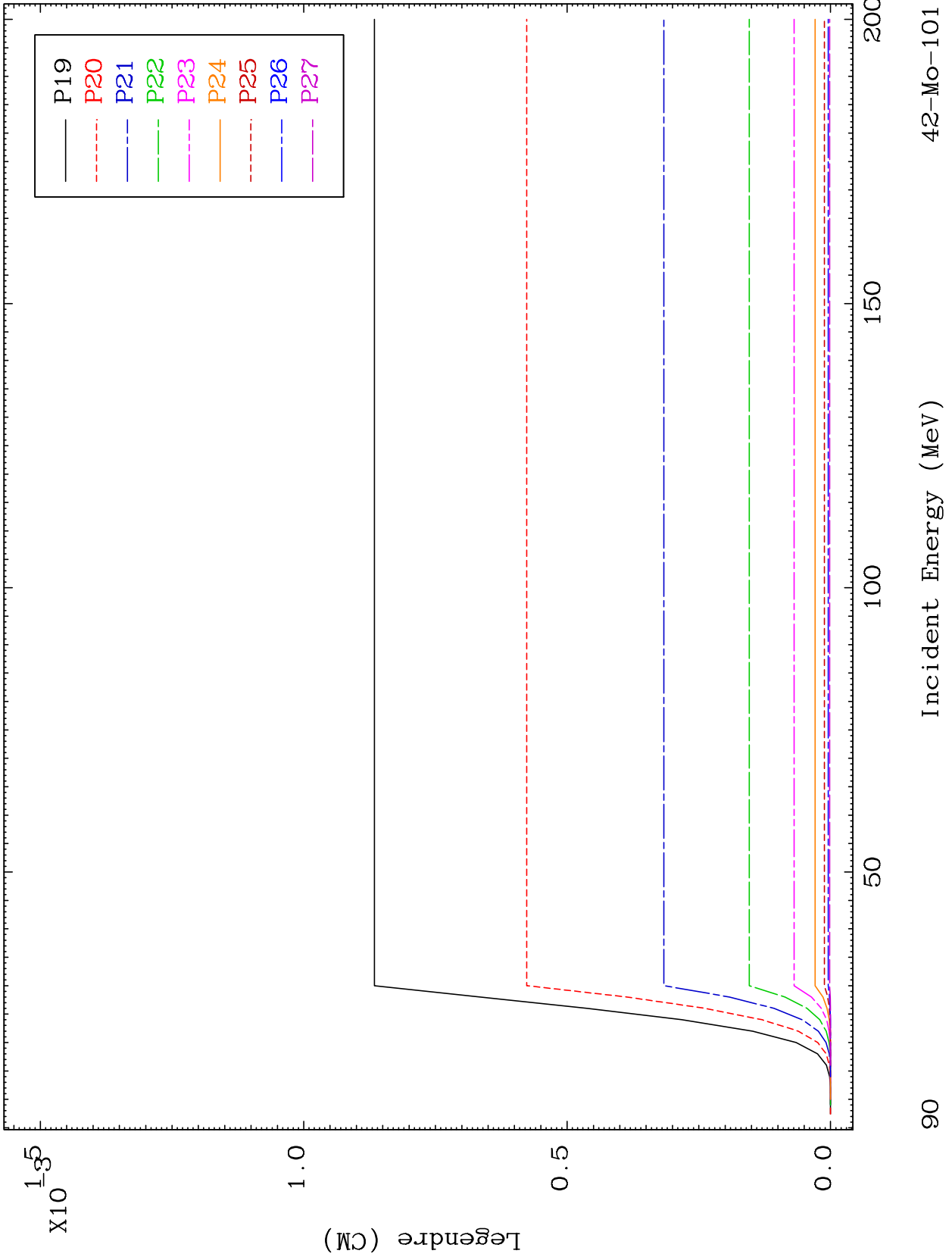
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



90

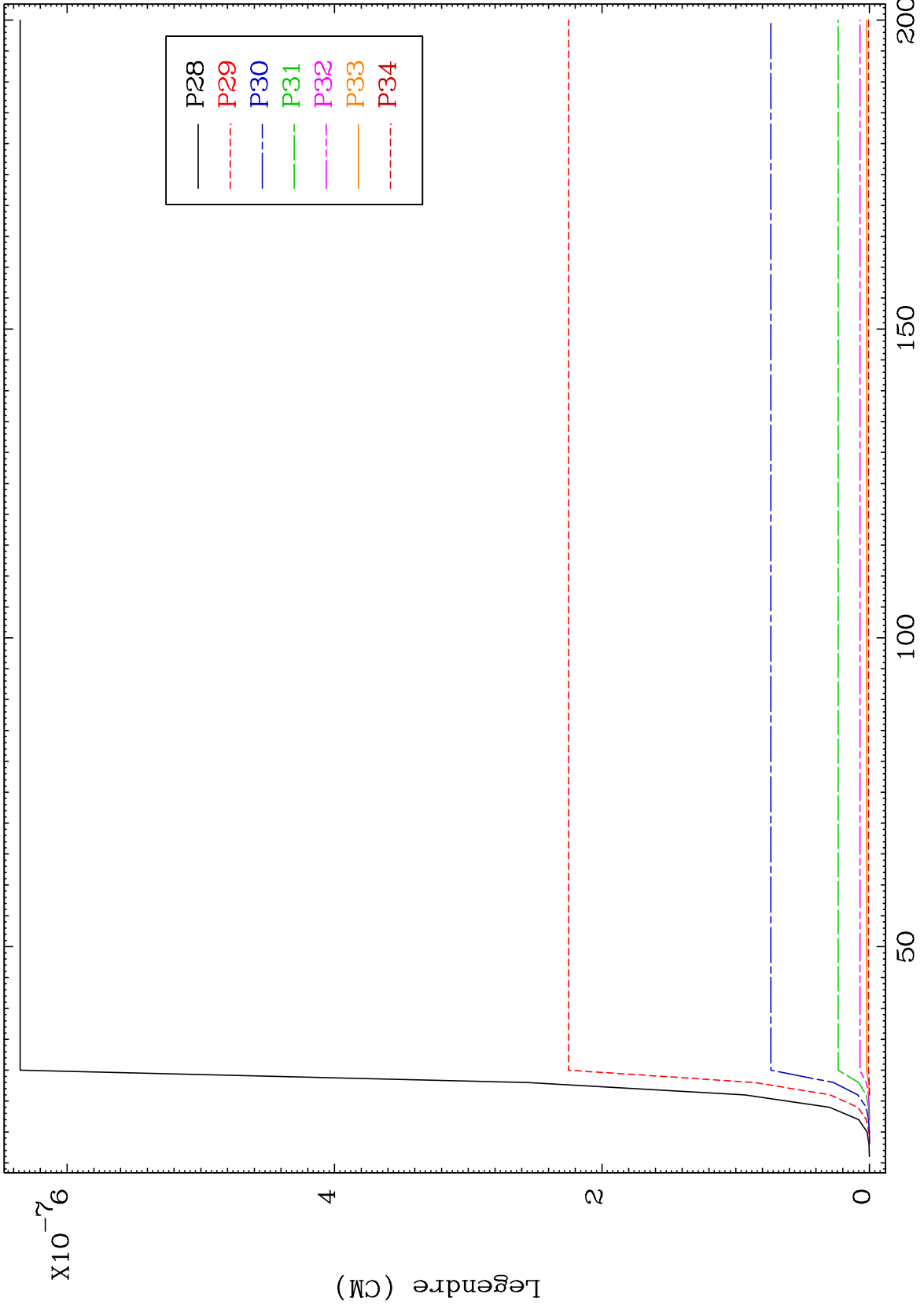
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



91

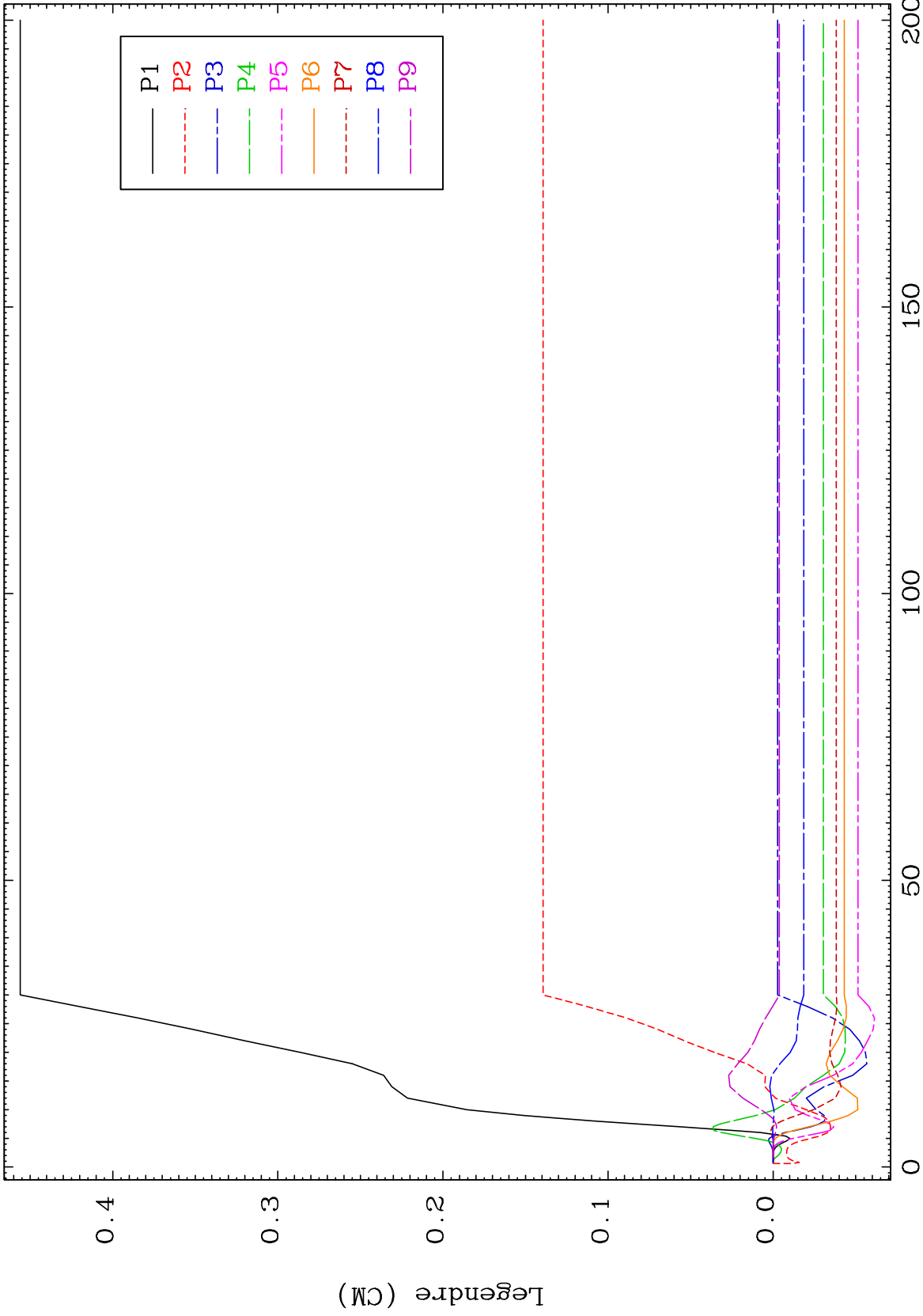
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



92

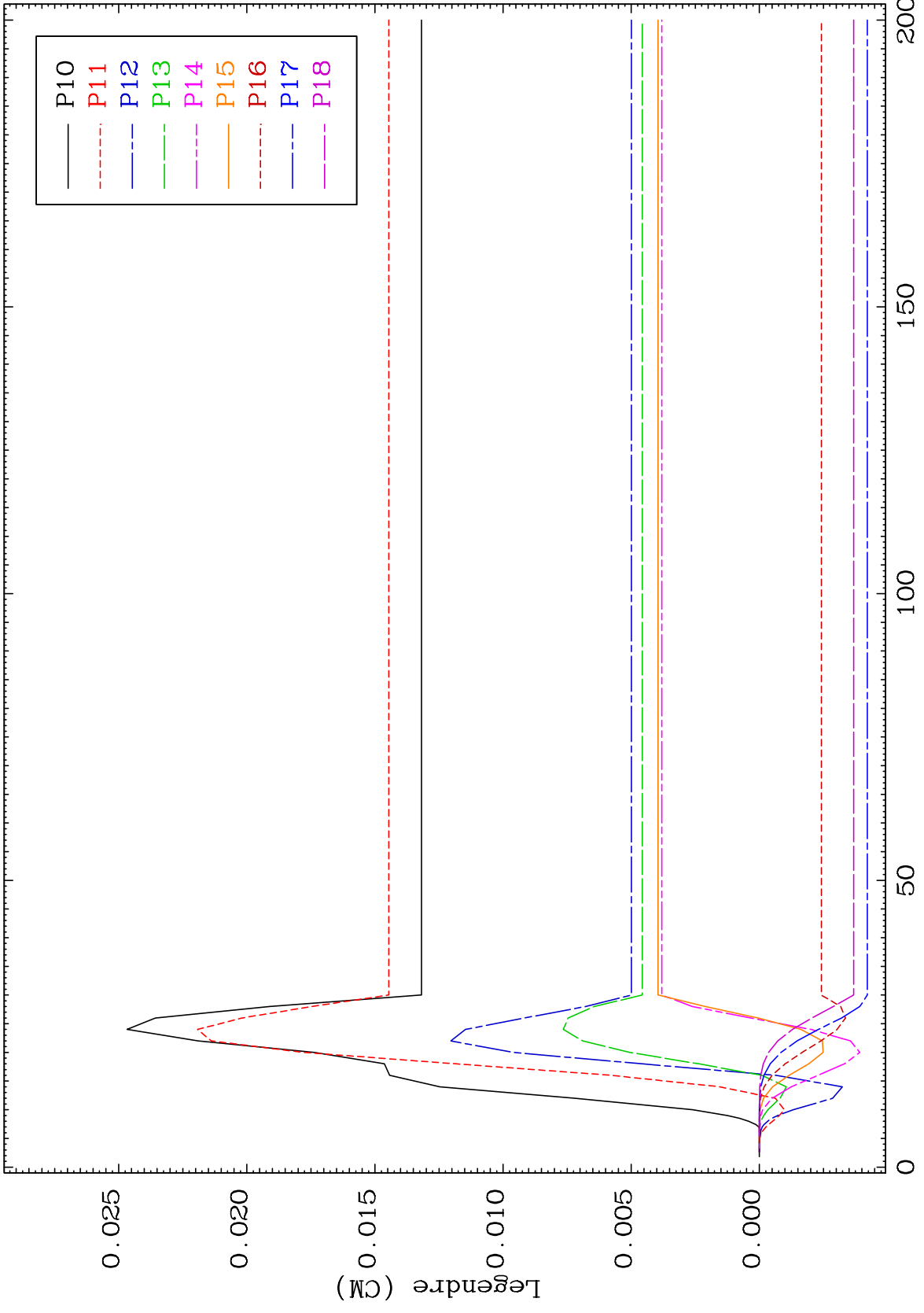
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



93

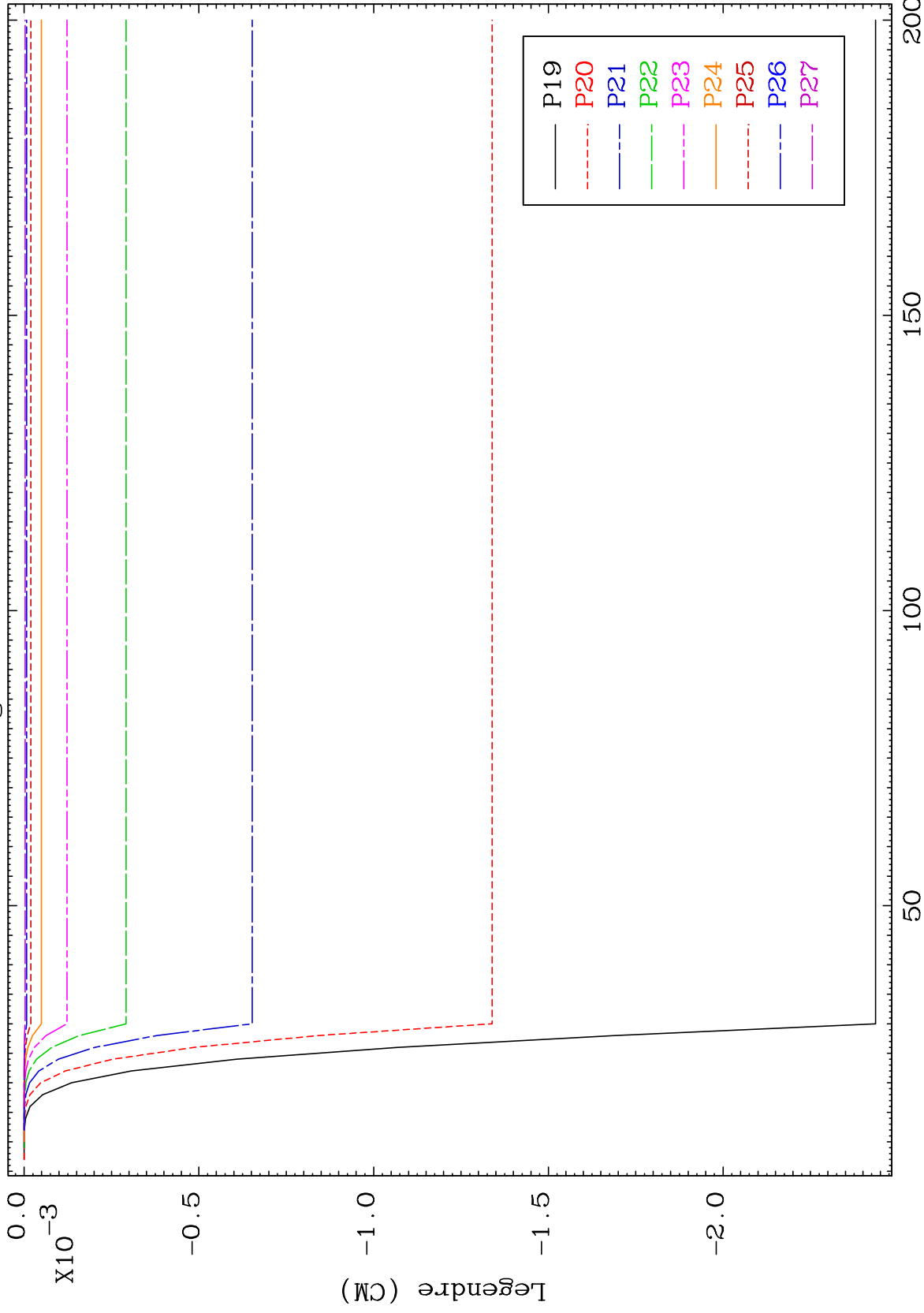
Incident Energy (MeV)

42-Mo-101

MAT 4252

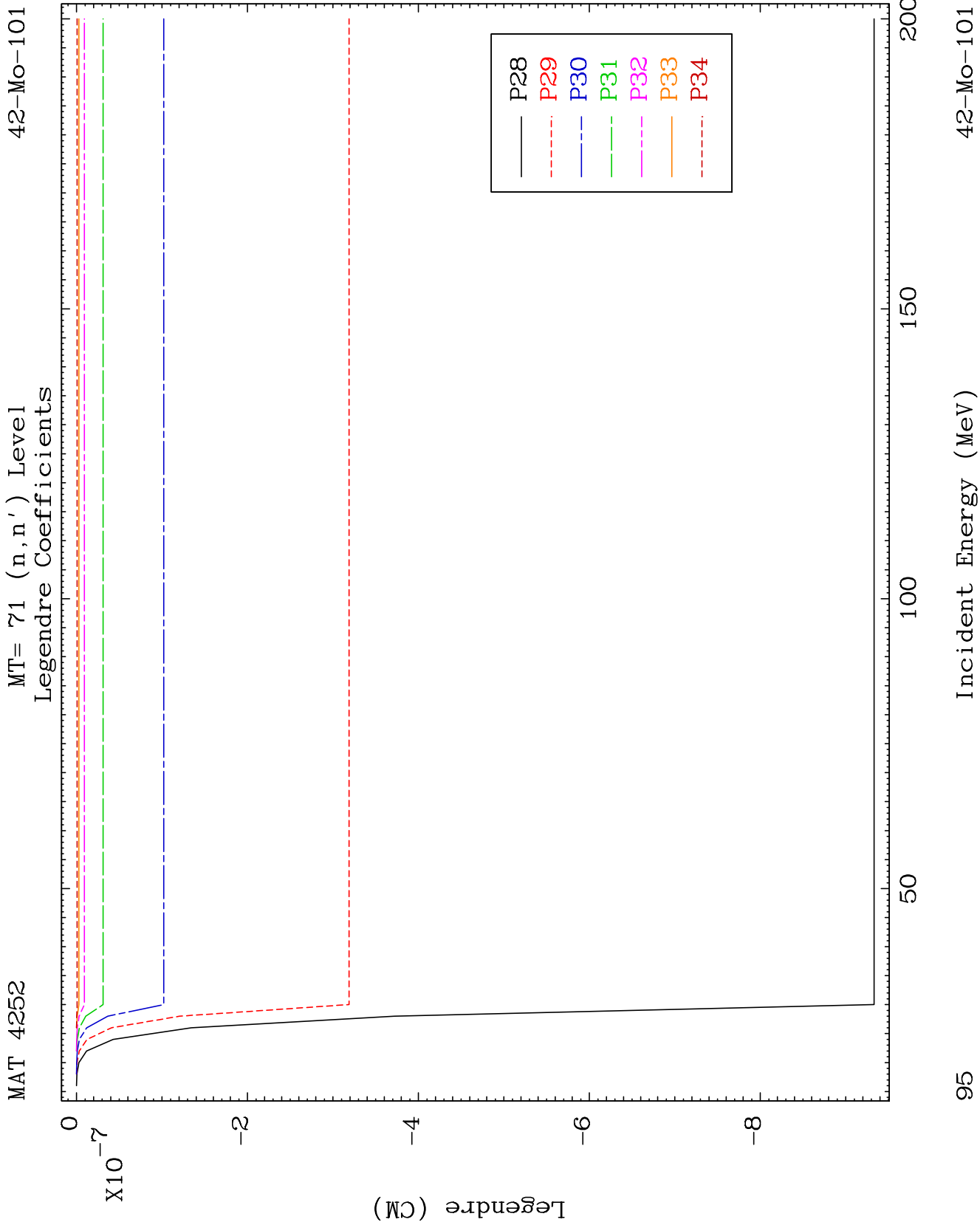
MT= 71 (n,n') Level
Legendre Coefficients

42-Mo-101



94

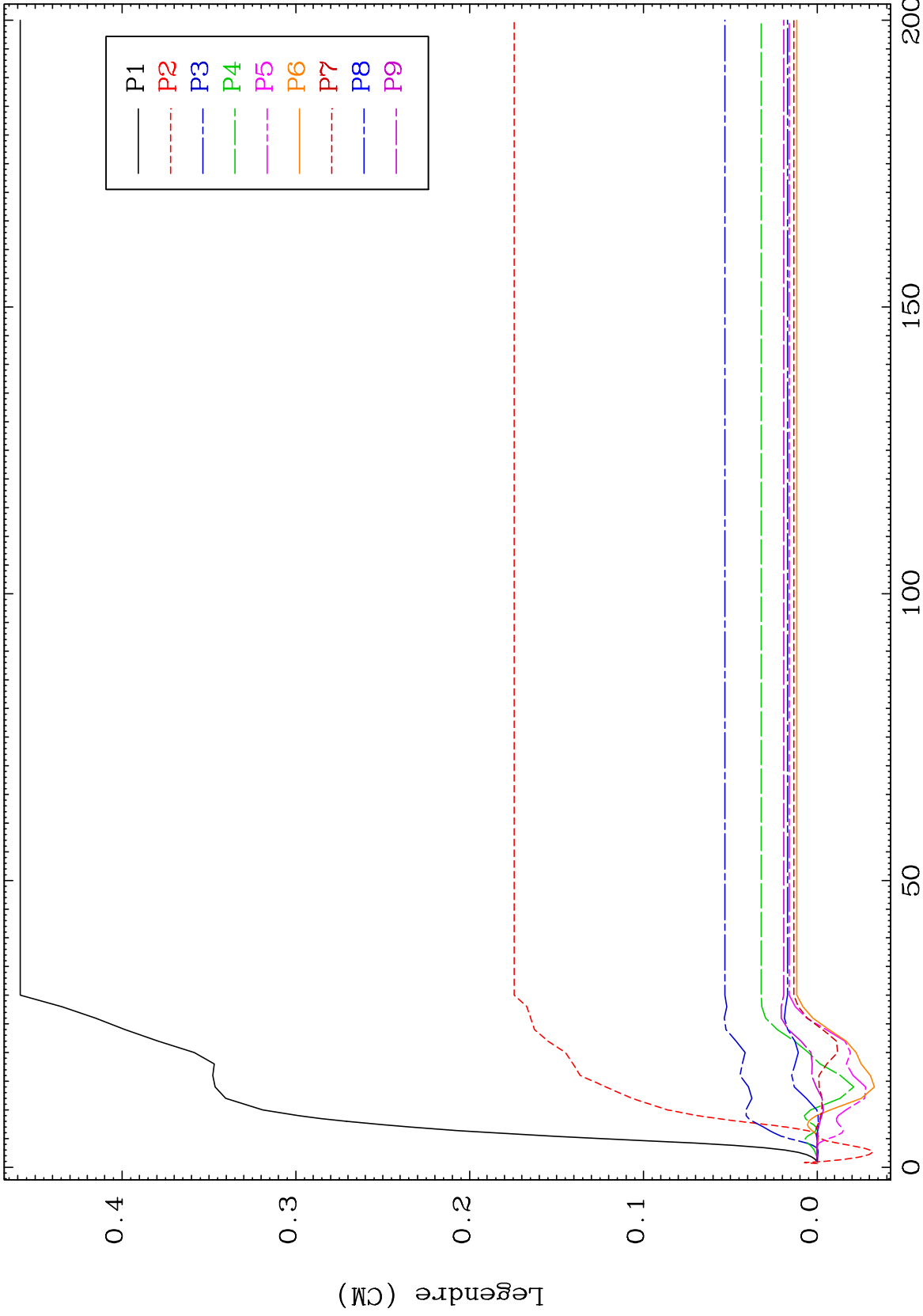
42-Mo-101



MAT 4252

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

42-Mo-101



96

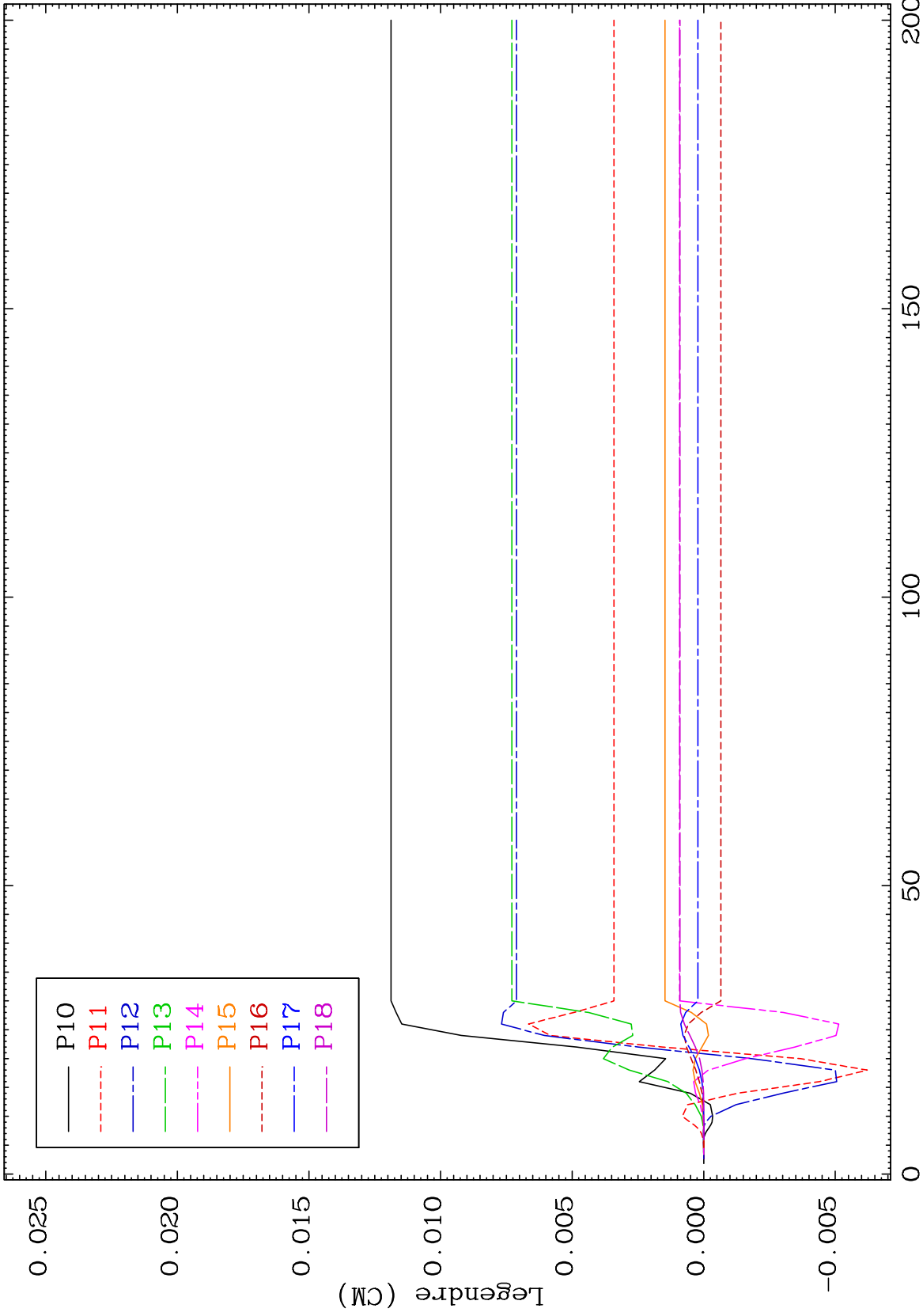
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



97

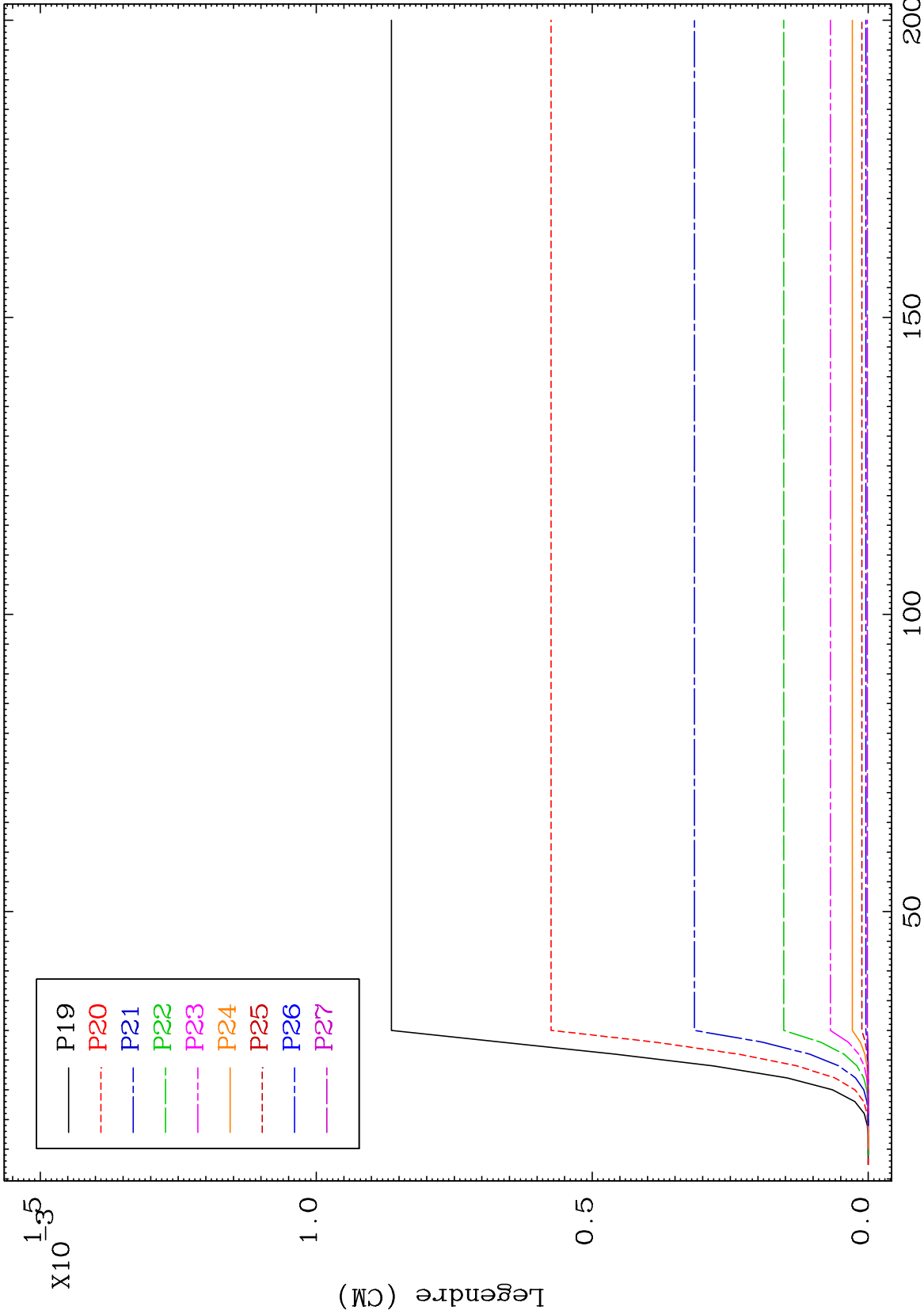
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



98

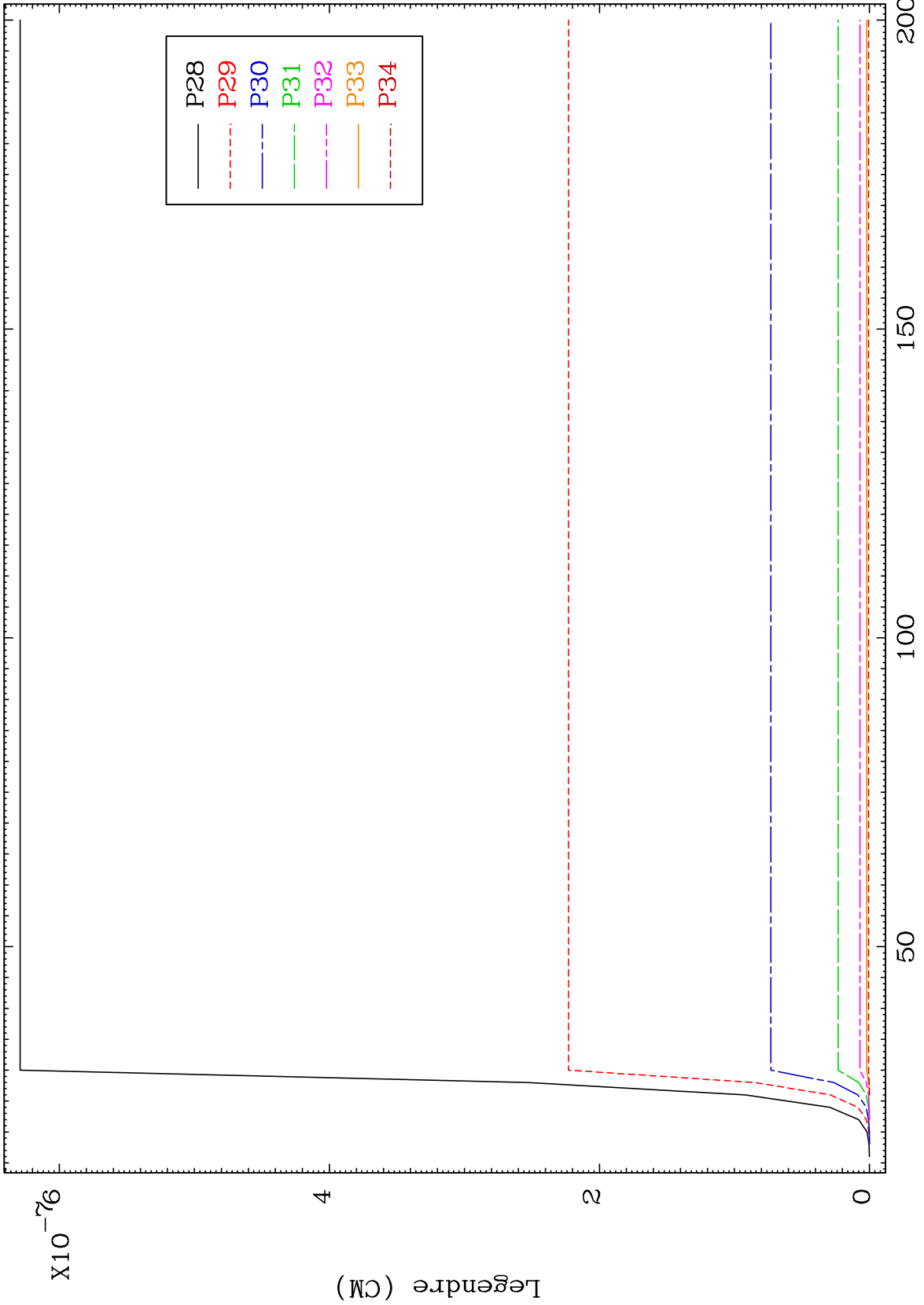
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



99

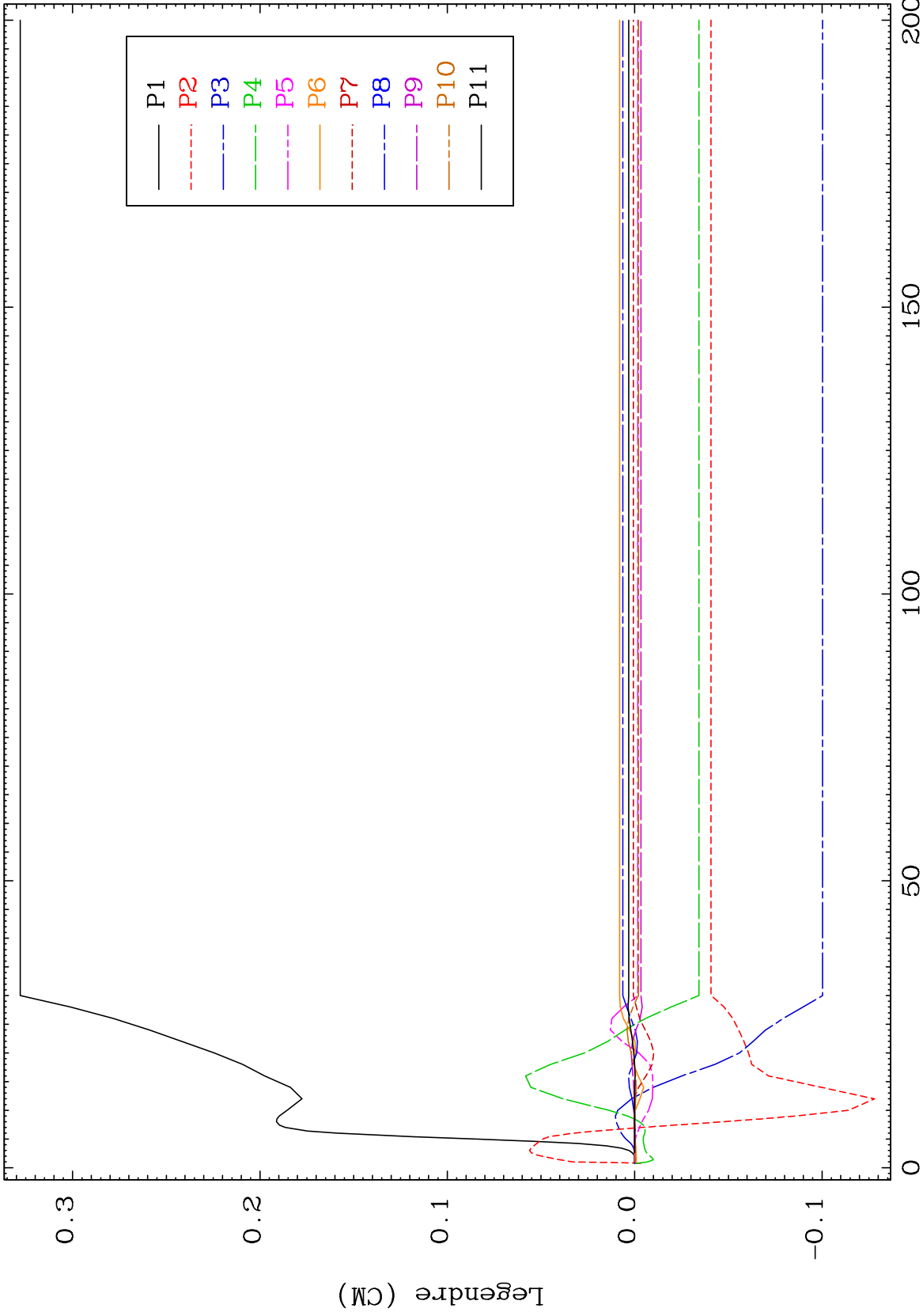
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



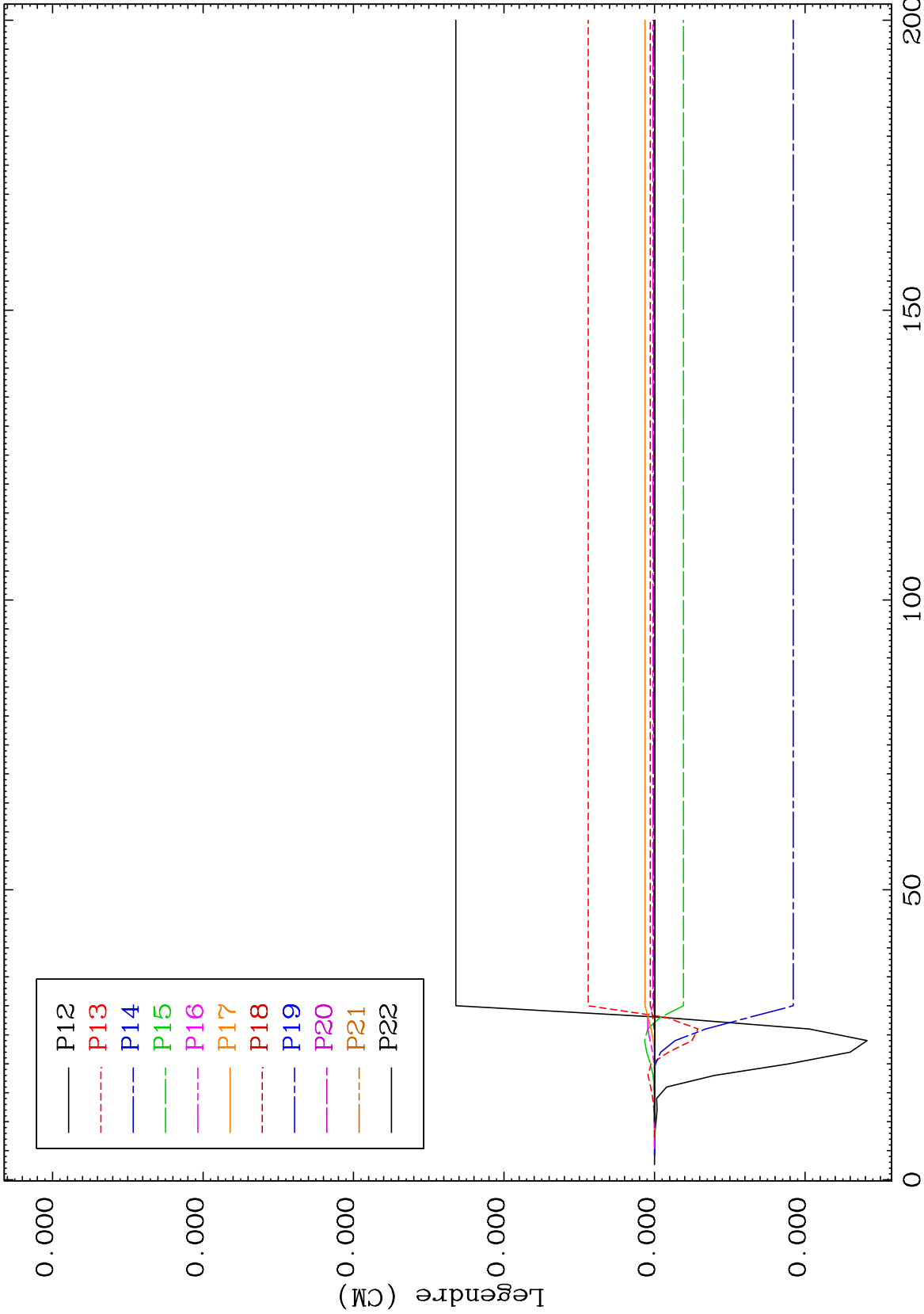
42-Mo-101

Incident Energy (MeV)

MAT 4252

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

42-Mo-101

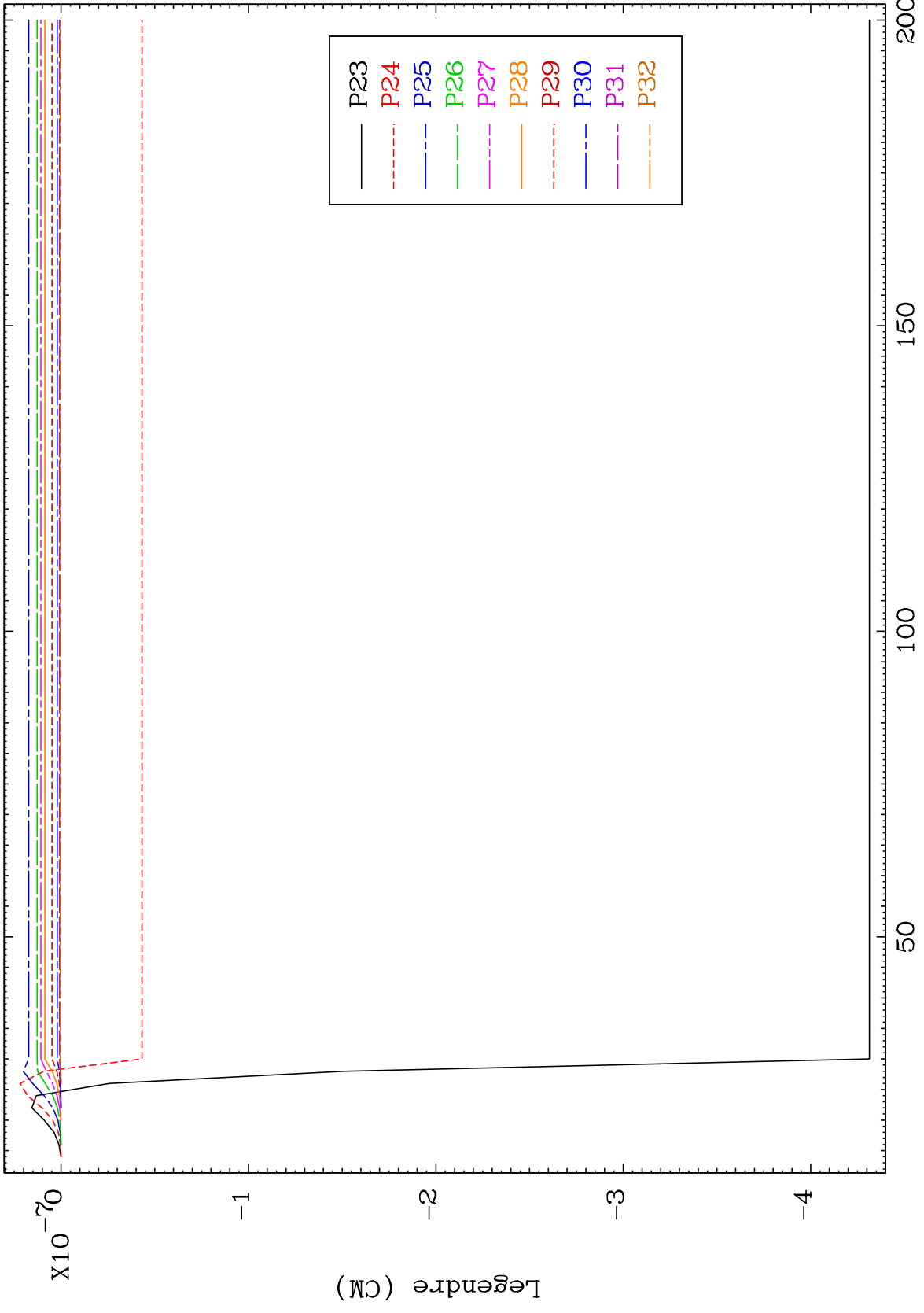


101

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 73 (n,n') Level Legendre Coefficients 42-Mo-101

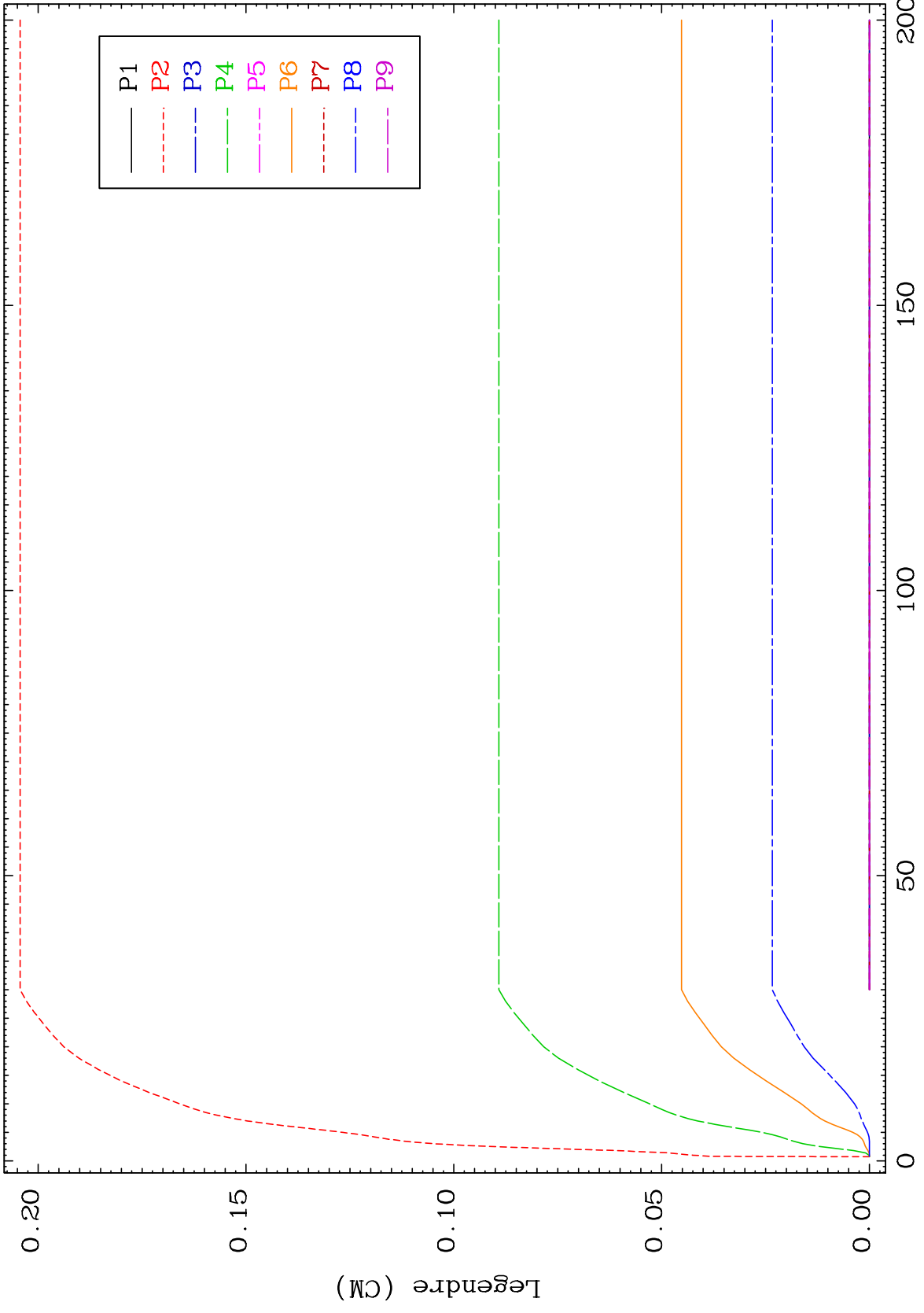


102 42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

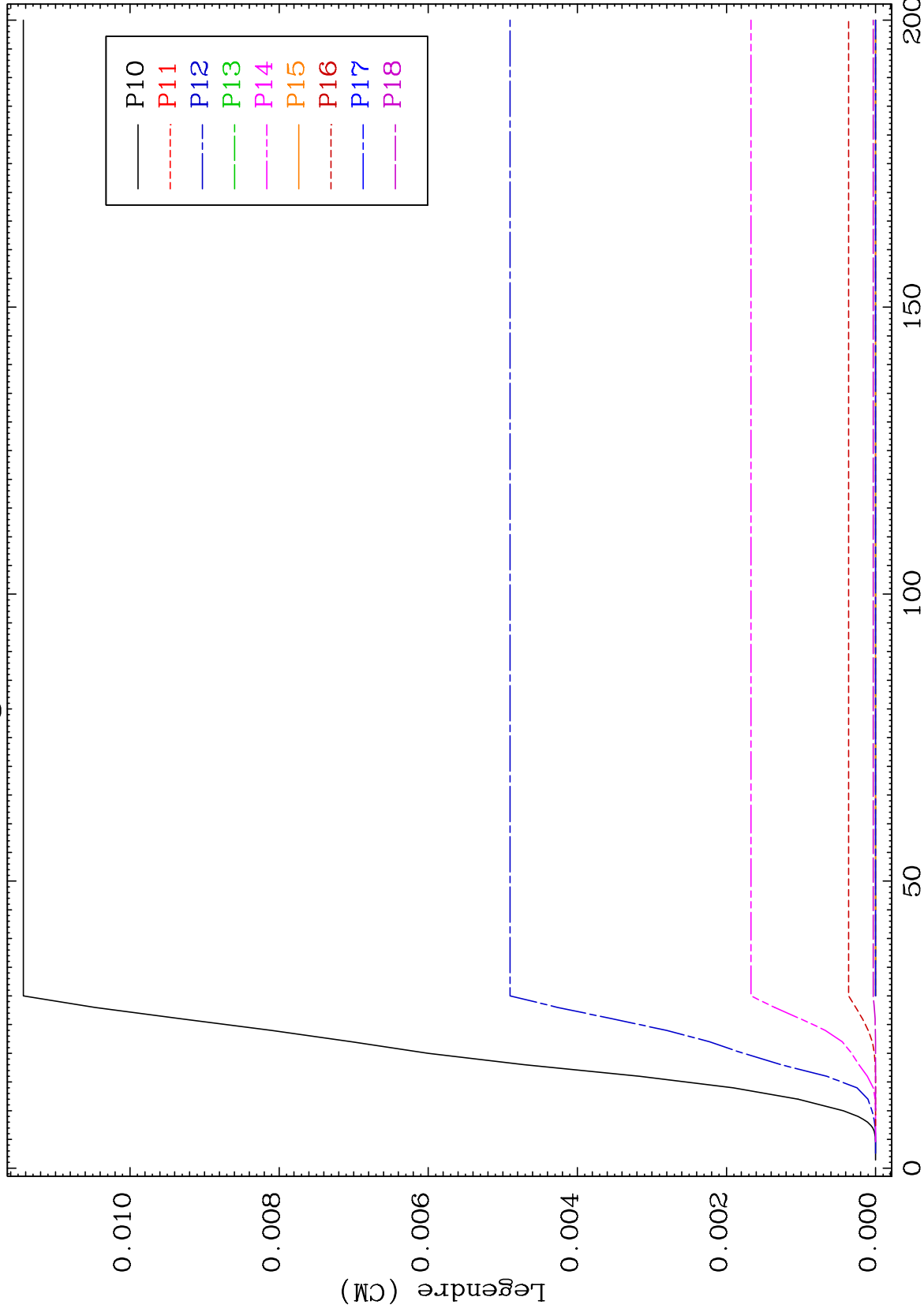
Incident Energy (MeV)

103

MAT 4252

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

42-Mo-101

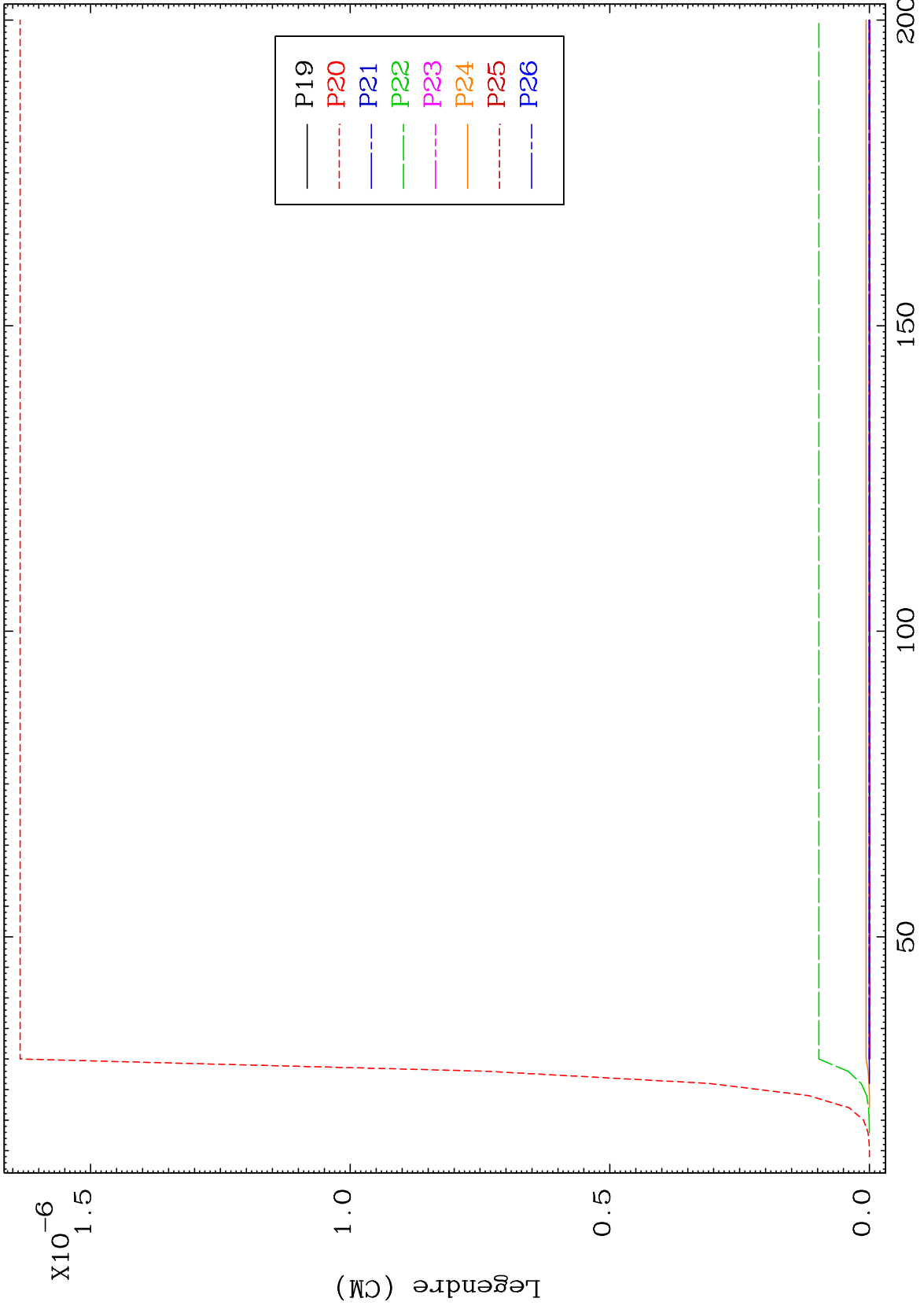


104

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 74 (n,n') Level Legendre Coefficients 42-Mo-101

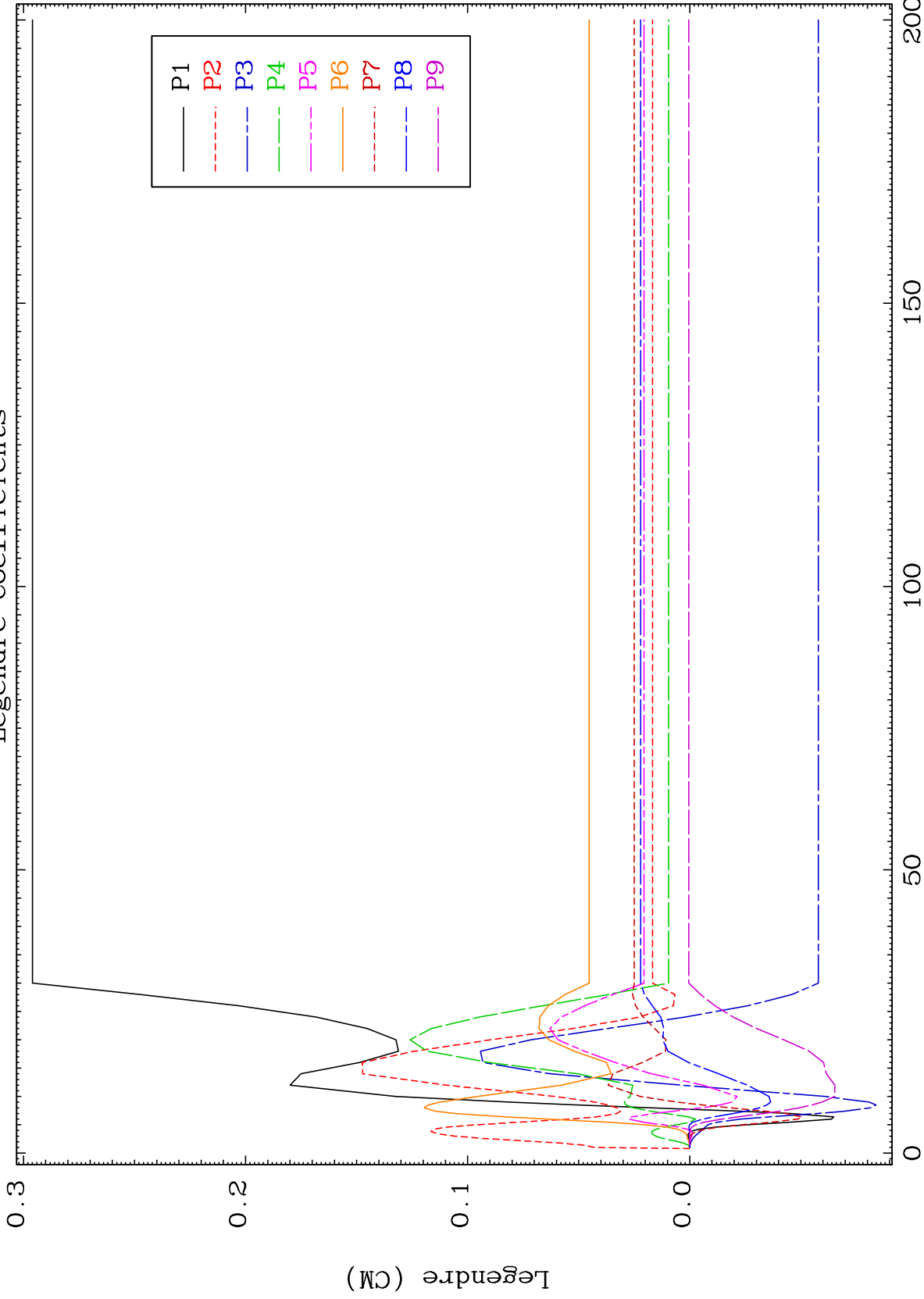


42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

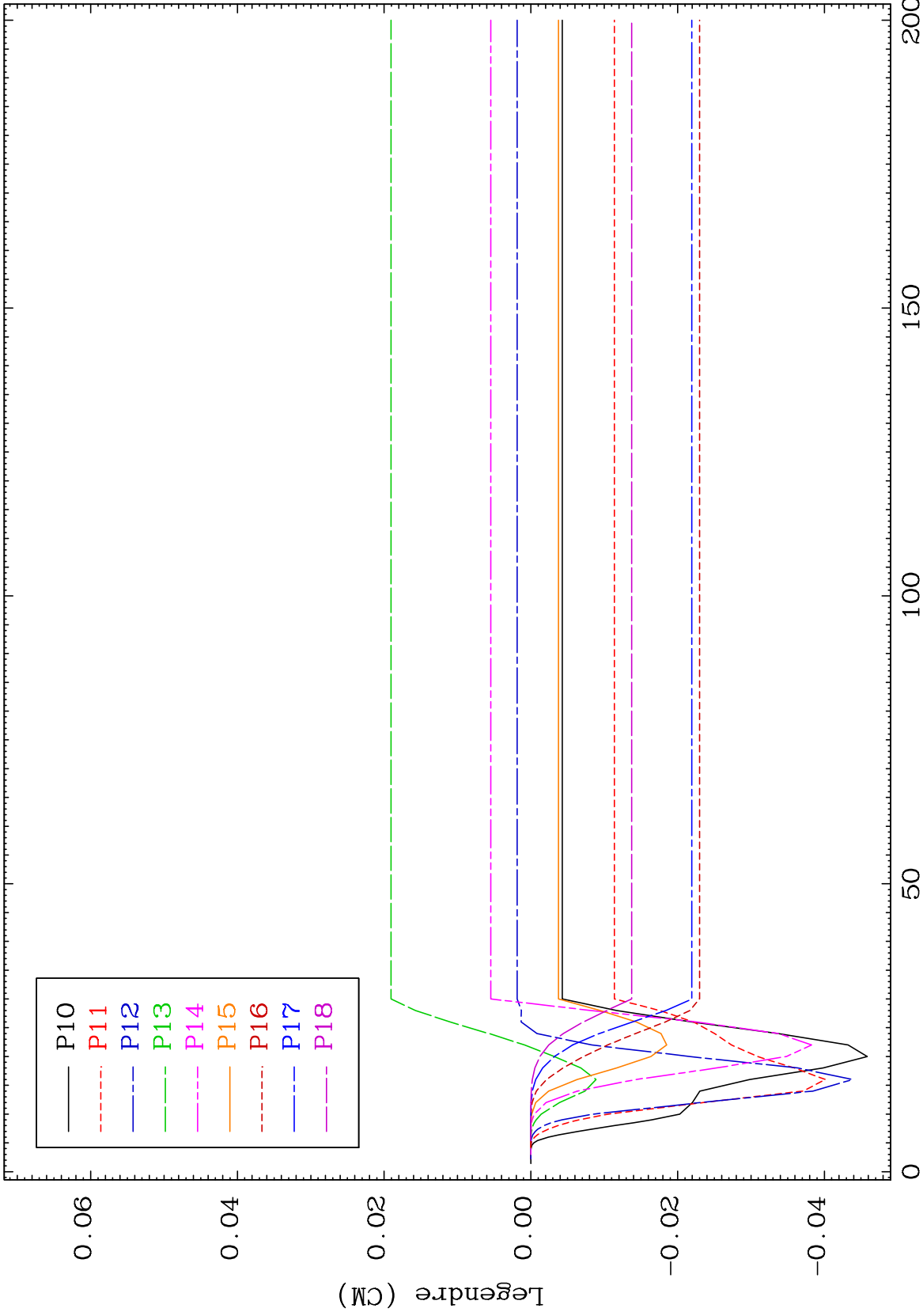
Incident Energy (MeV)

106

MAT 4252

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

42-Mo-101

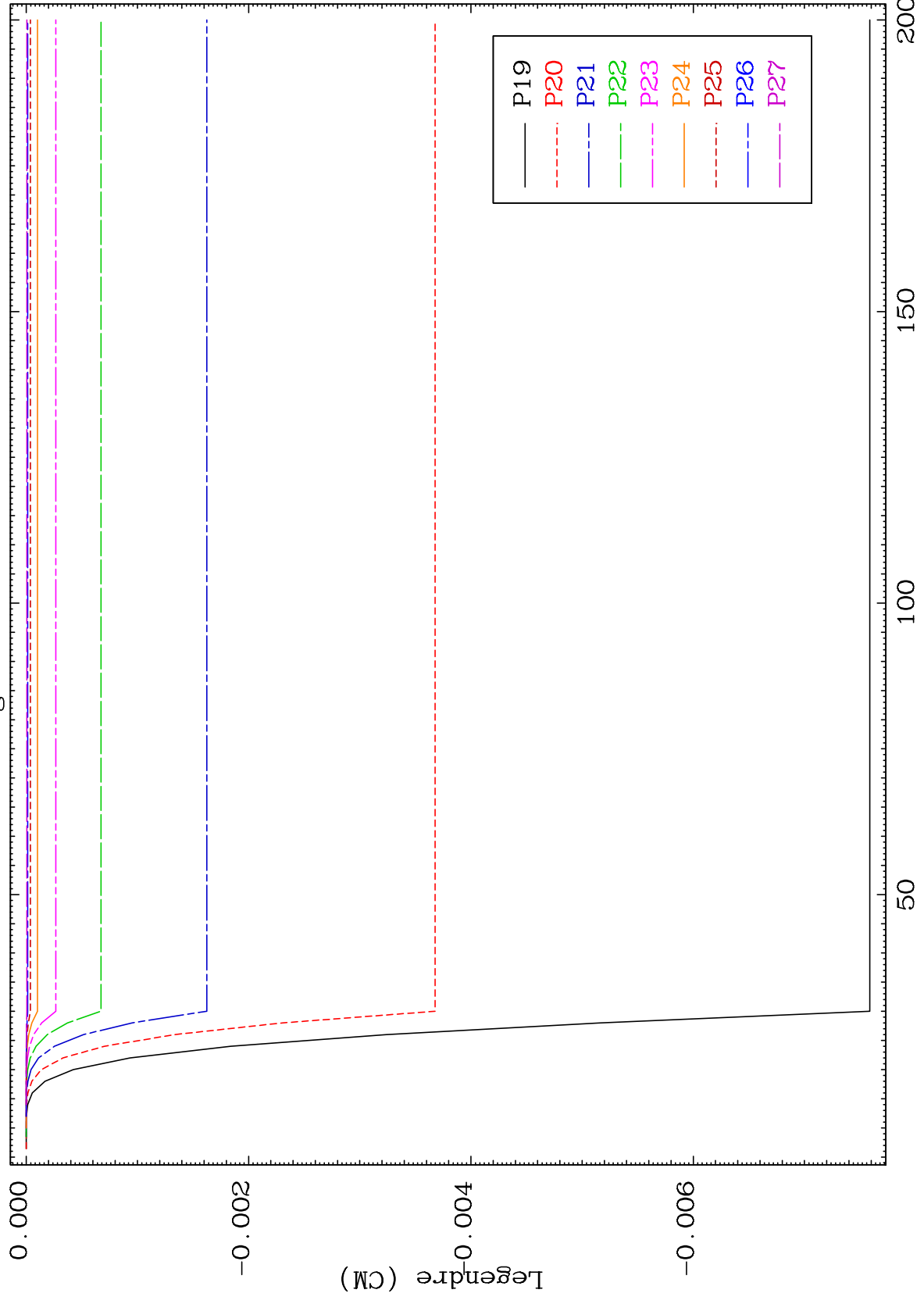


107

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 75 (n,n') Level Legendre Coefficients 42-Mo-101

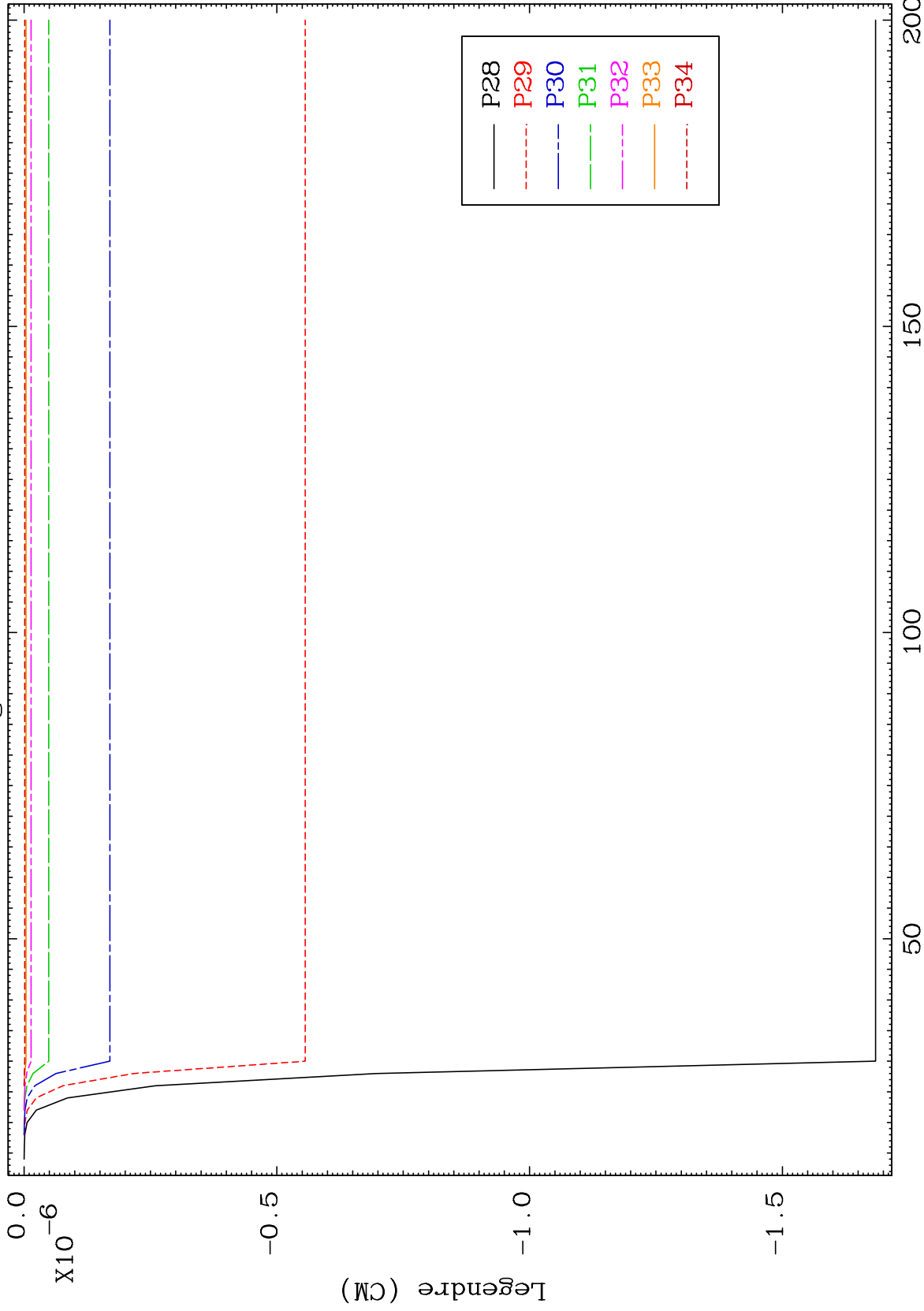


108 42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

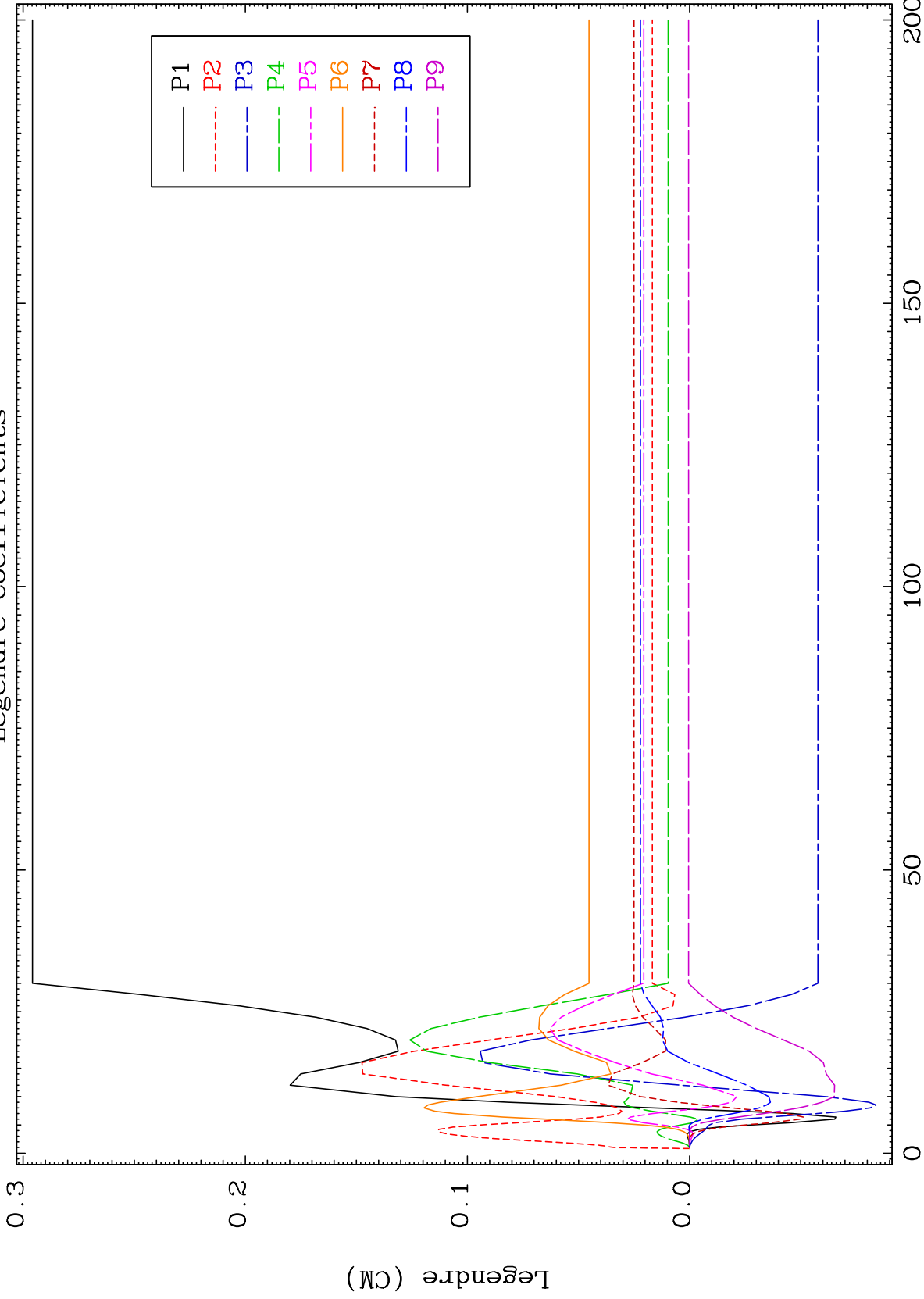
Incident Energy (MeV)

109

MAT 4252

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

42-Mo-101



42-Mo-101

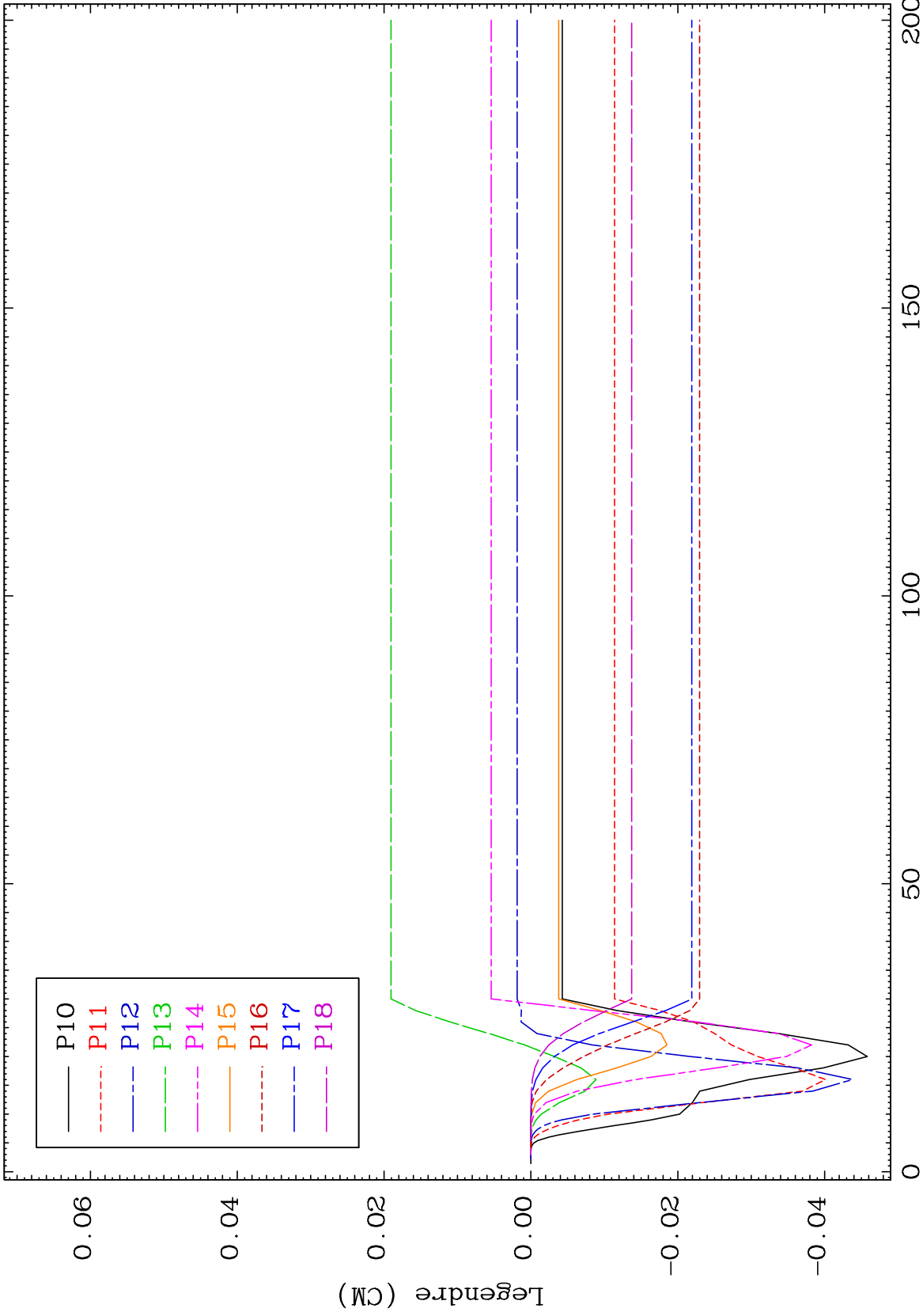
Incident Energy (MeV)

110

MAT 4252

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

42-Mo-101

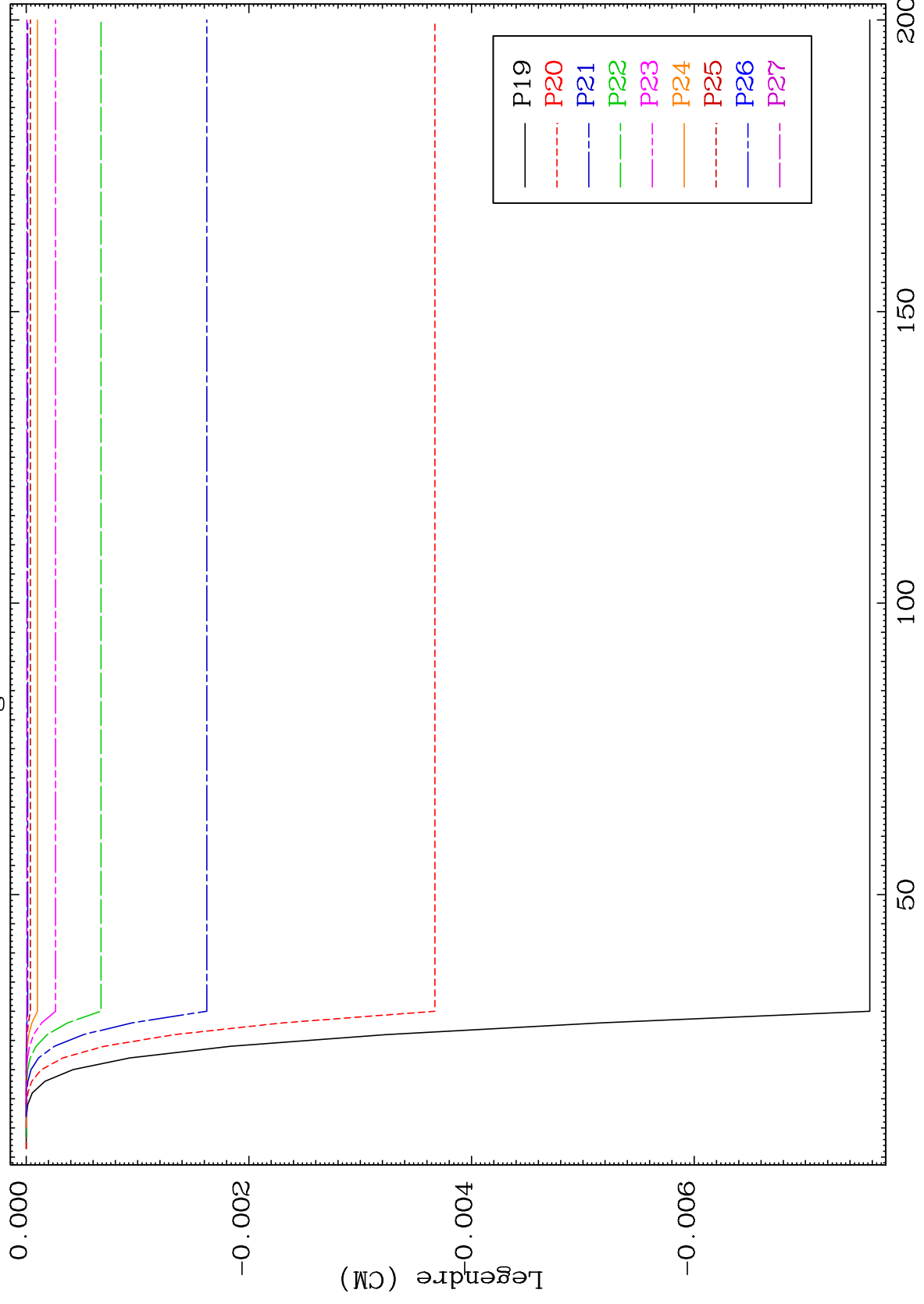


111

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 76 (n,n') Level Legendre Coefficients 42-Mo-101

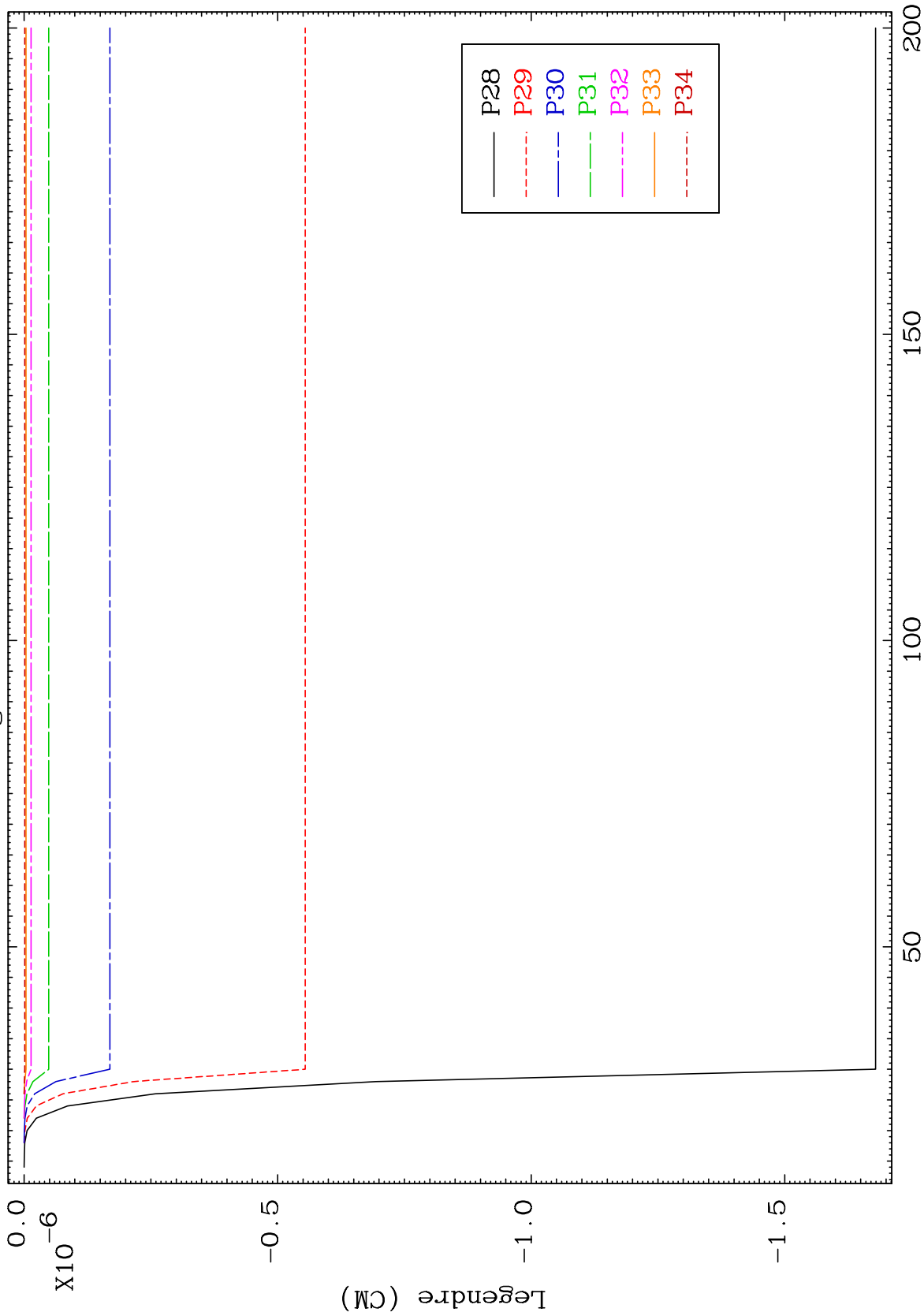


112 42-Mo-101

MAT 4252

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

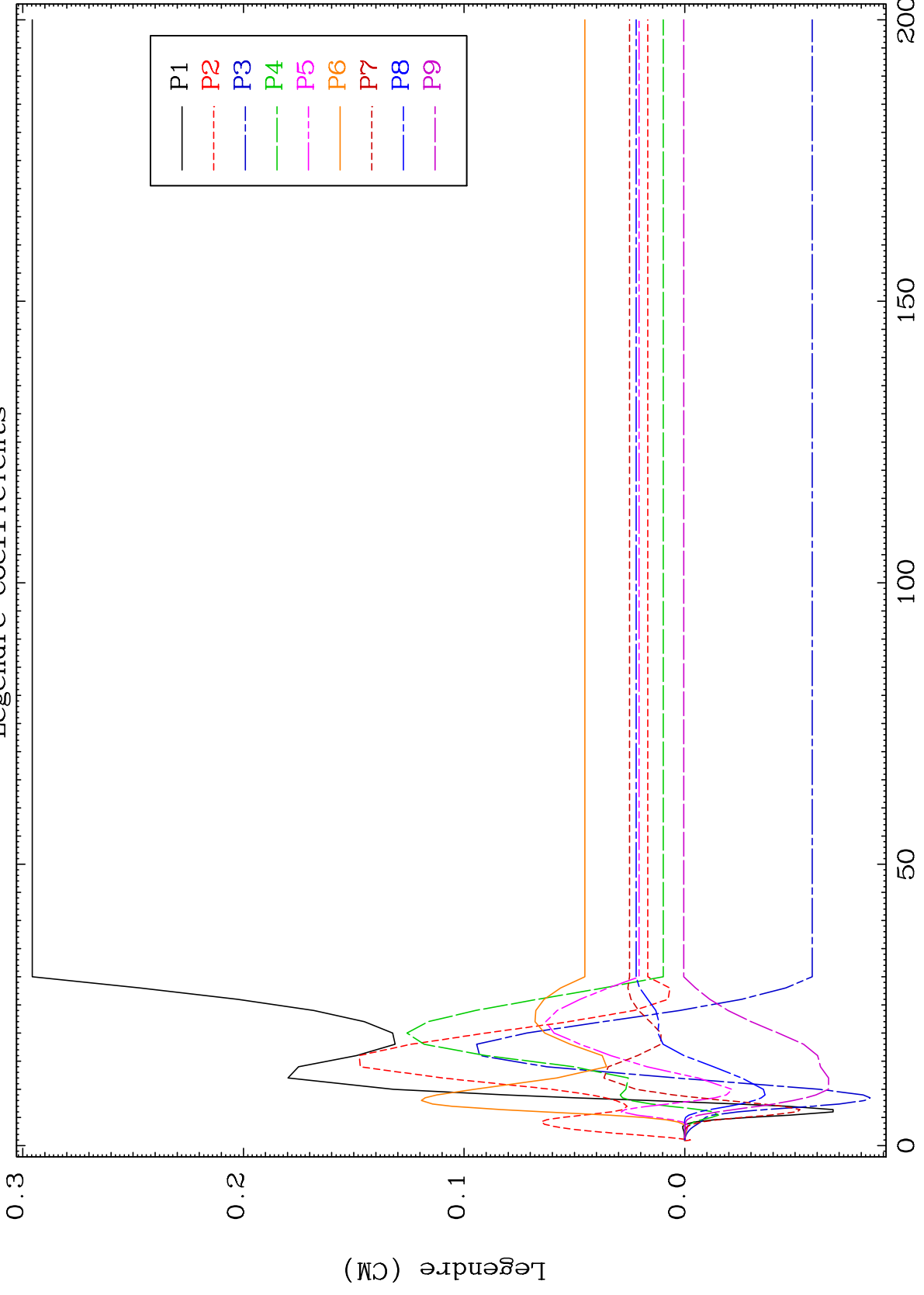
42-Mo-101



113

42-Mo-101

MAT 4252 MT= 77 (n,n') Level Legendre Coefficients 42-Mo-101

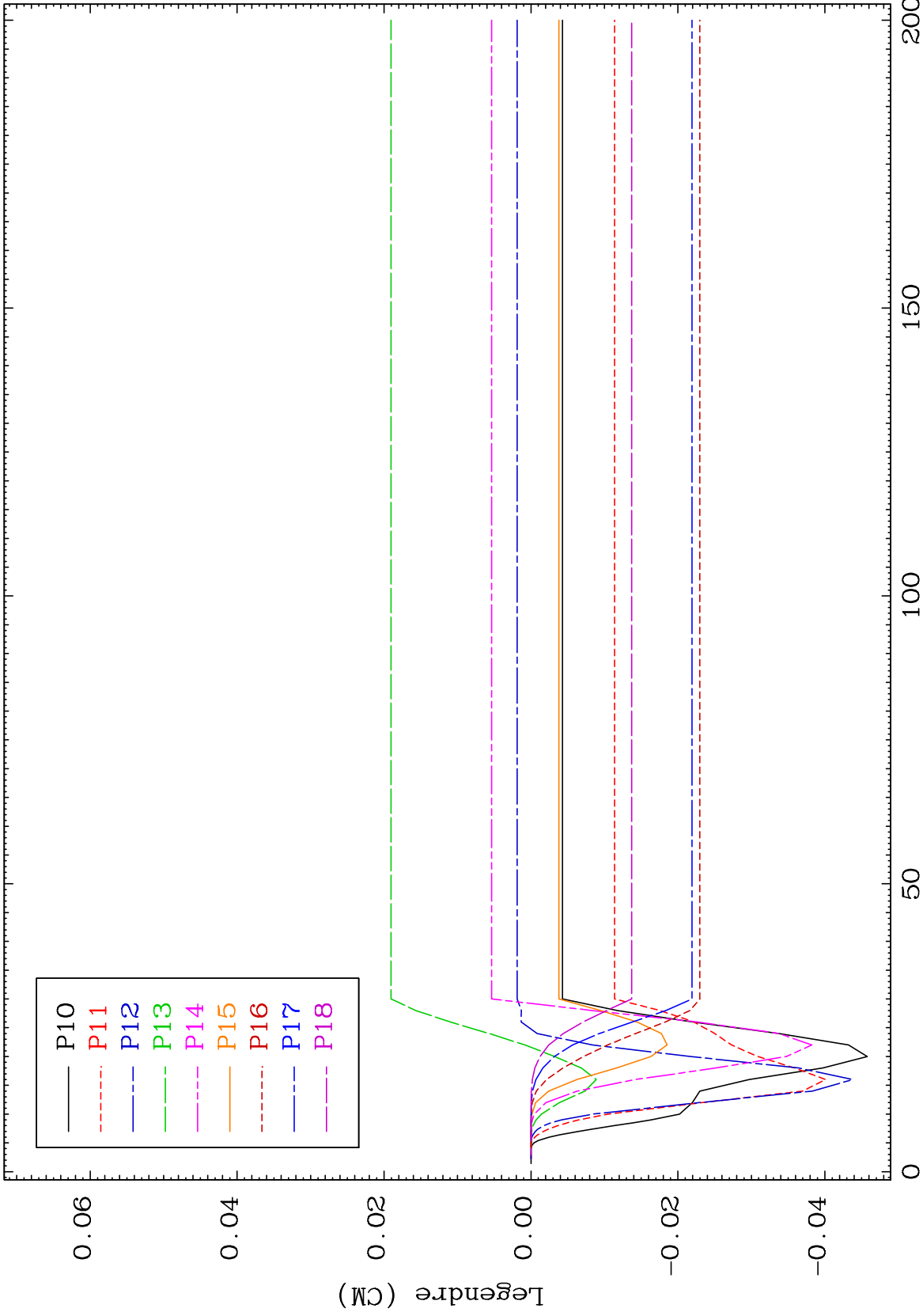


114 42-Mo-101

MAT 4252

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

42-Mo-101

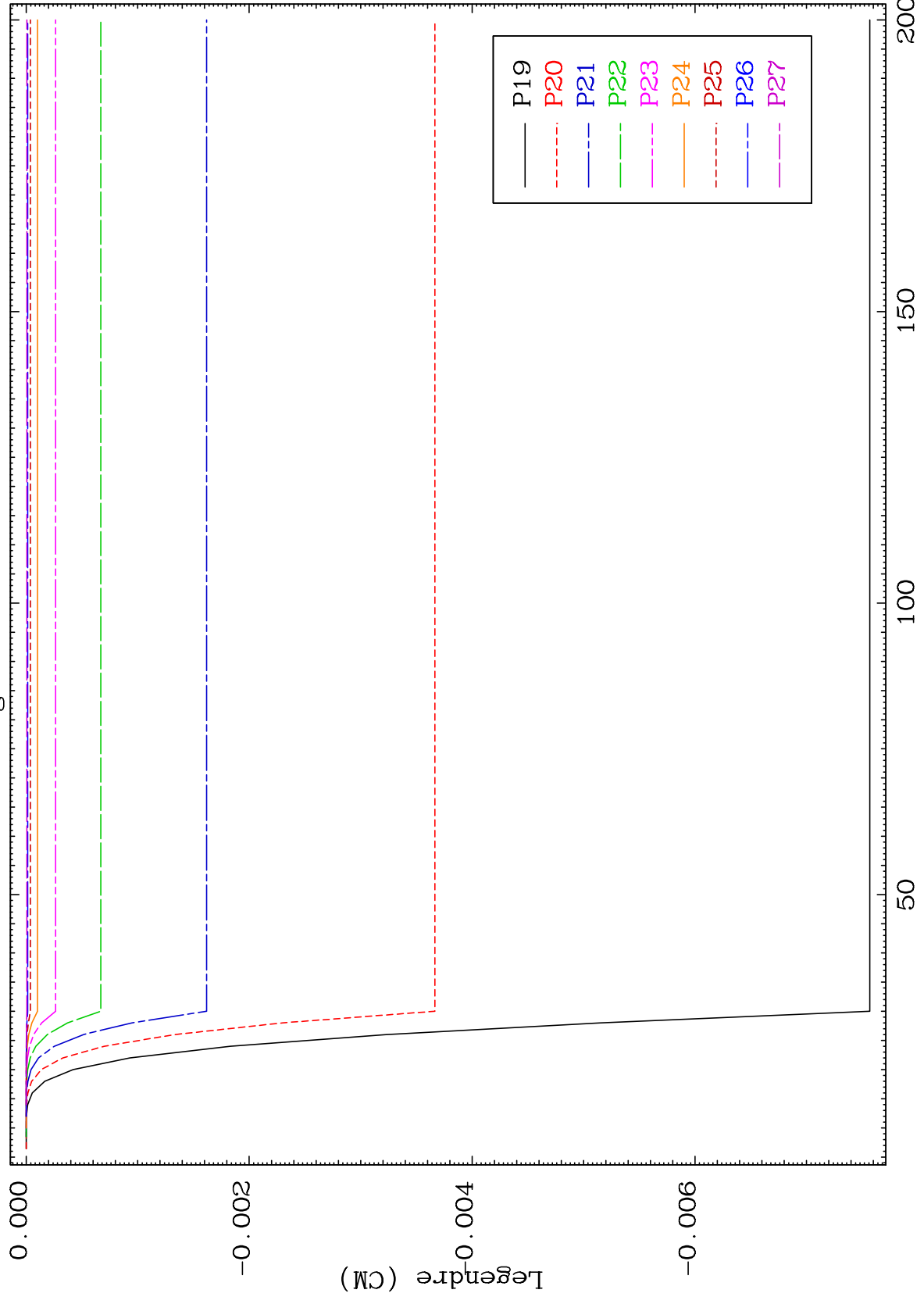


115

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 77 (n,n') Level Legendre Coefficients 42-Mo-101

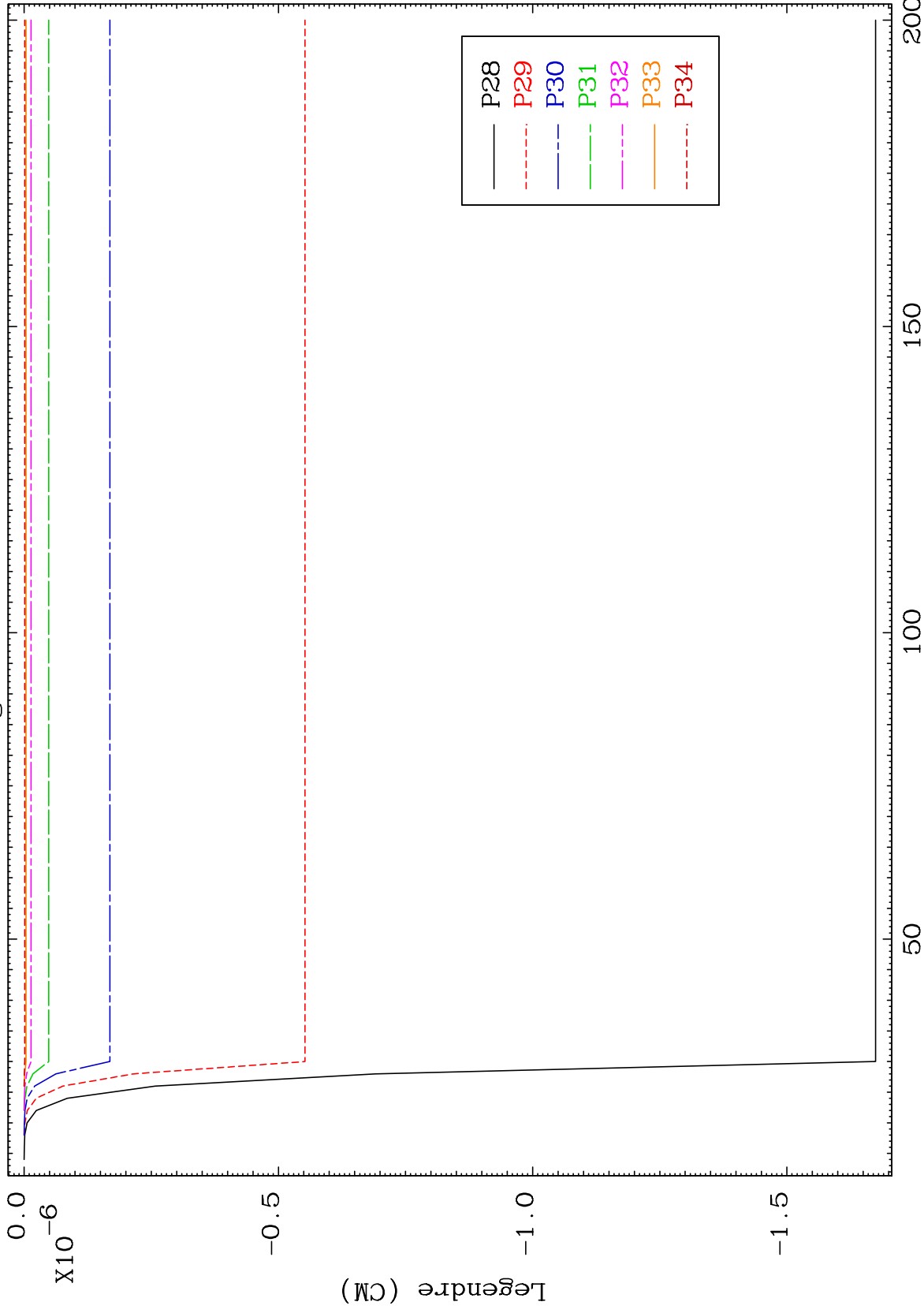


116 42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

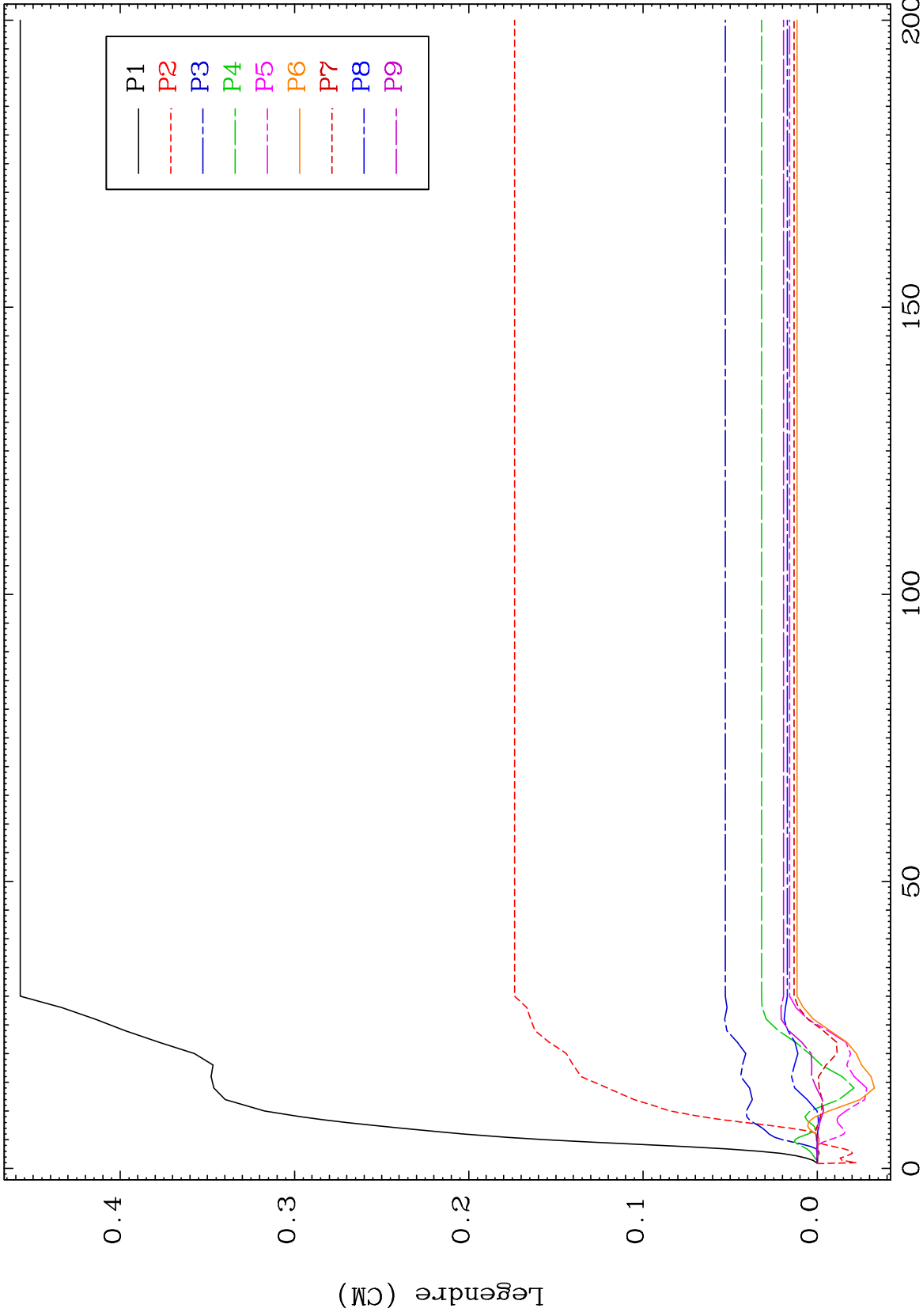
Incident Energy (MeV)

117

MAT 4252

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

42-Mo-101



118

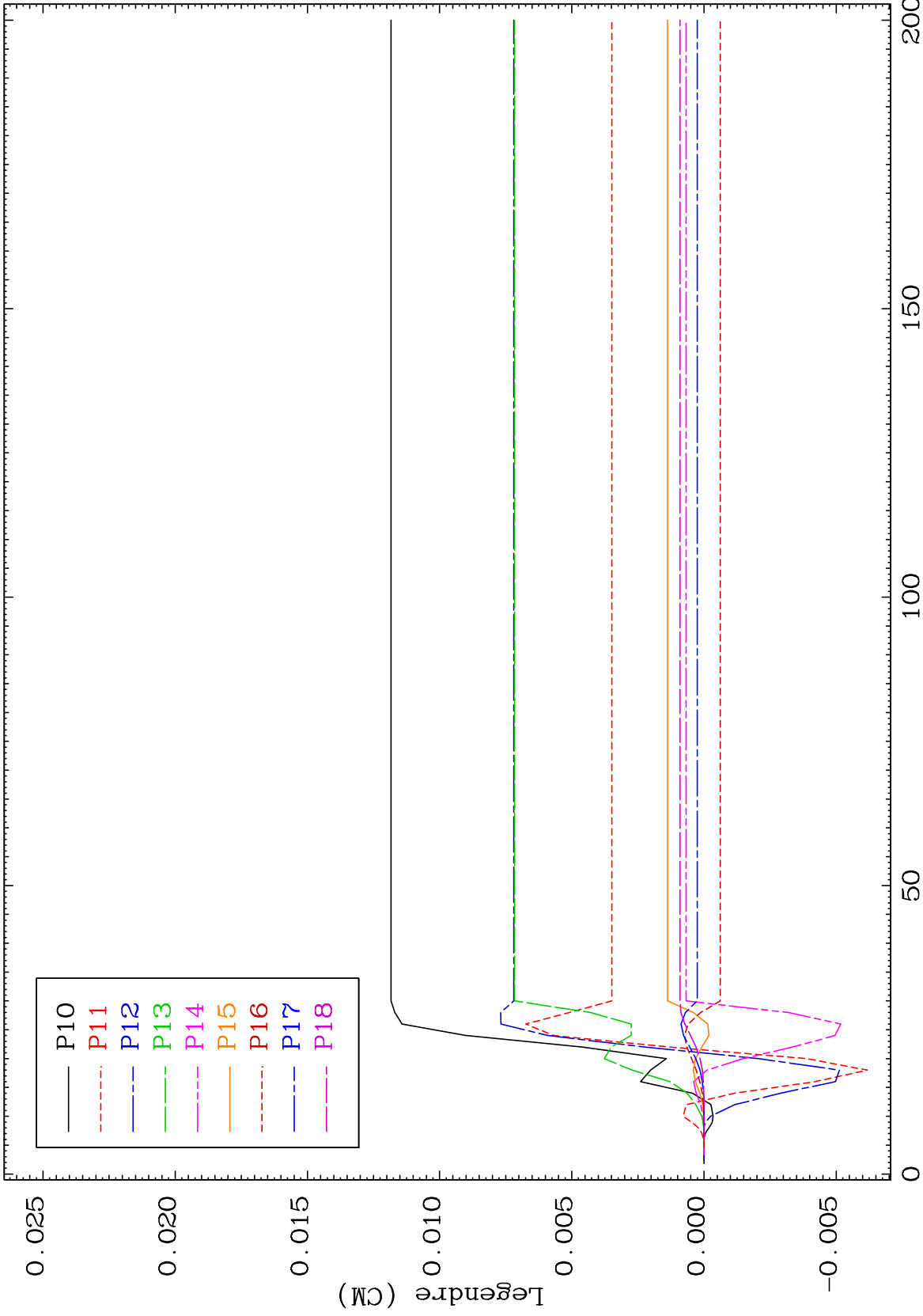
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



119

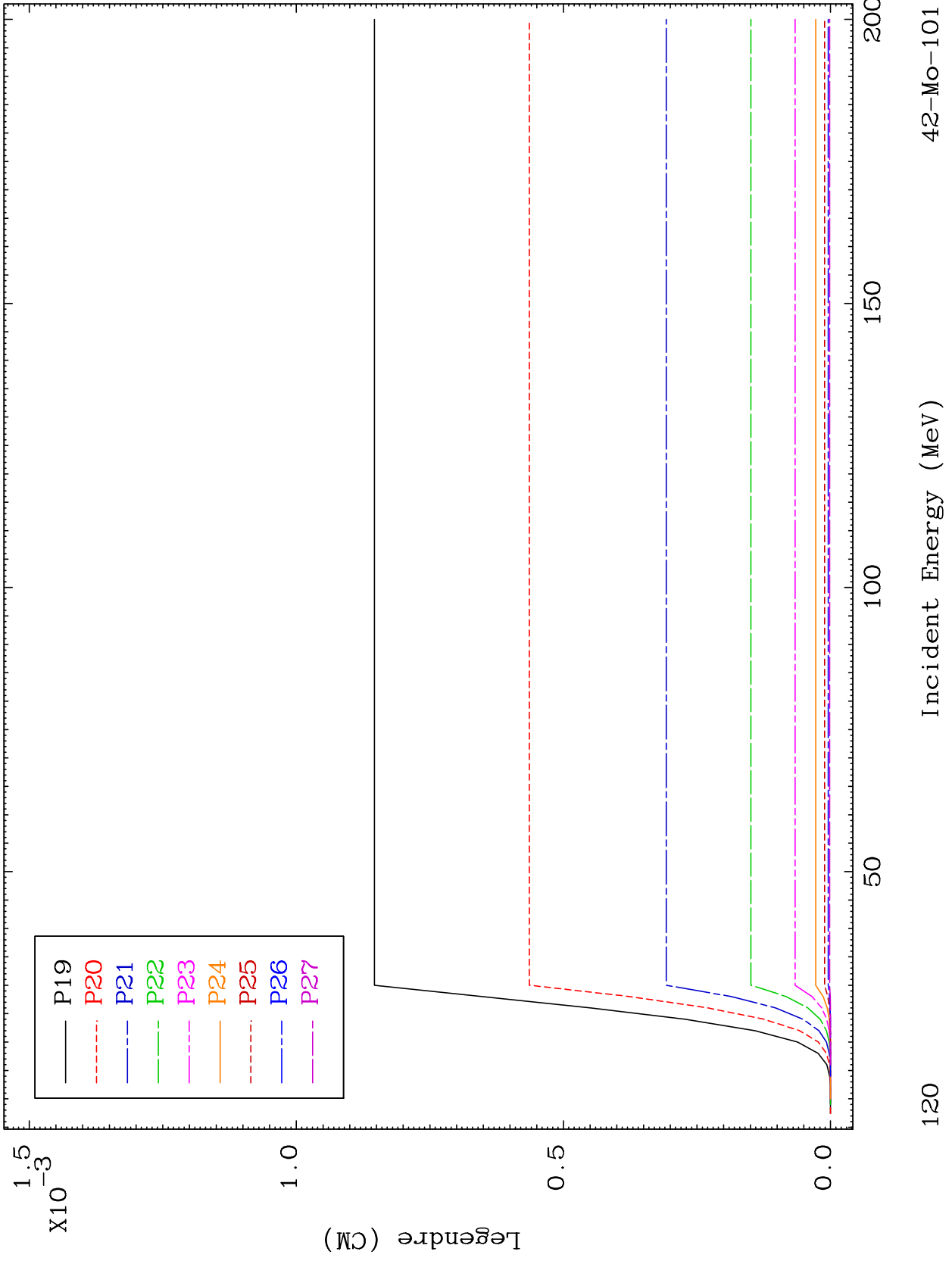
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101

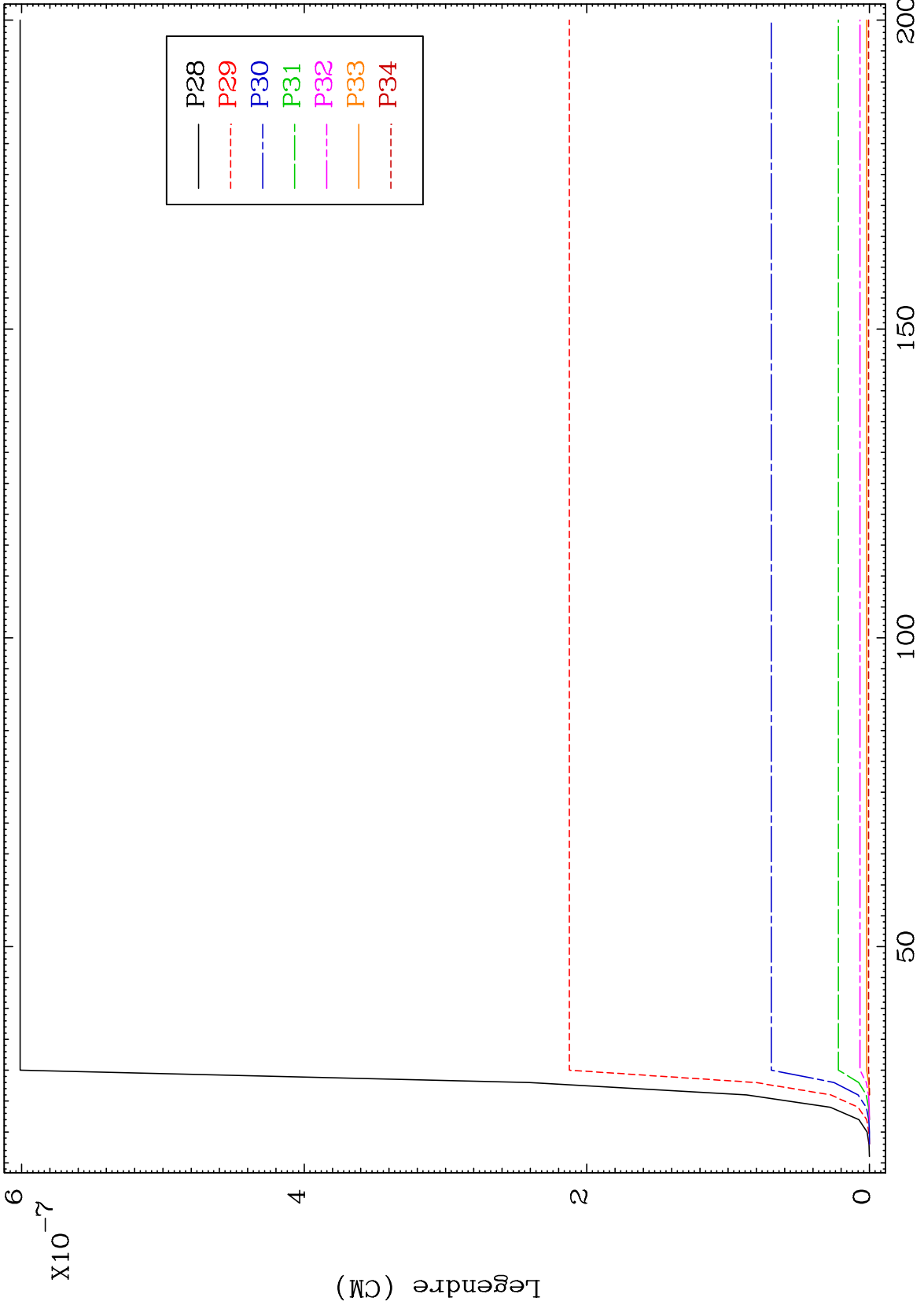


42-Mo-101

MAT 4252

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

42-Mo-101



121

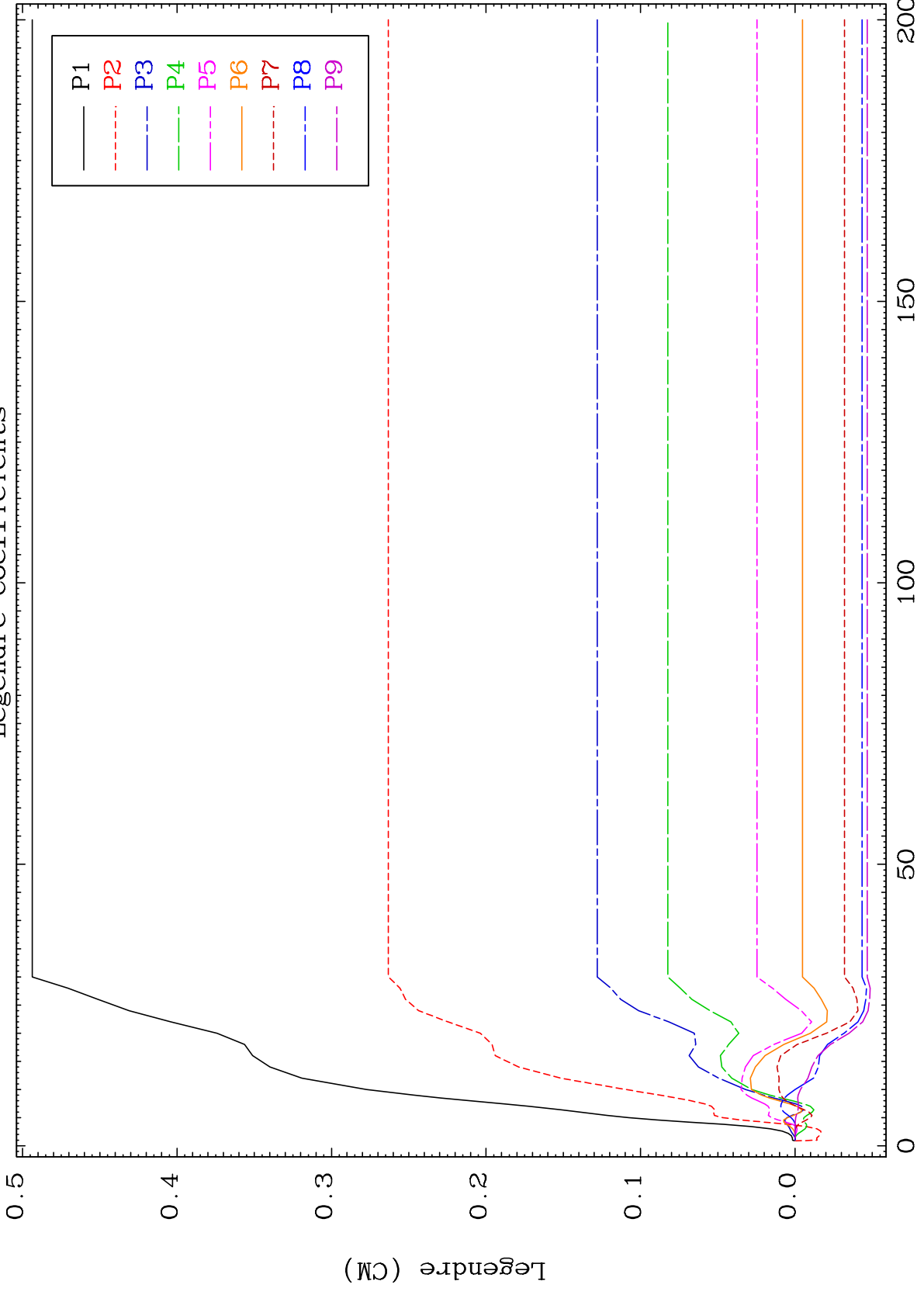
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



42-Mo-101

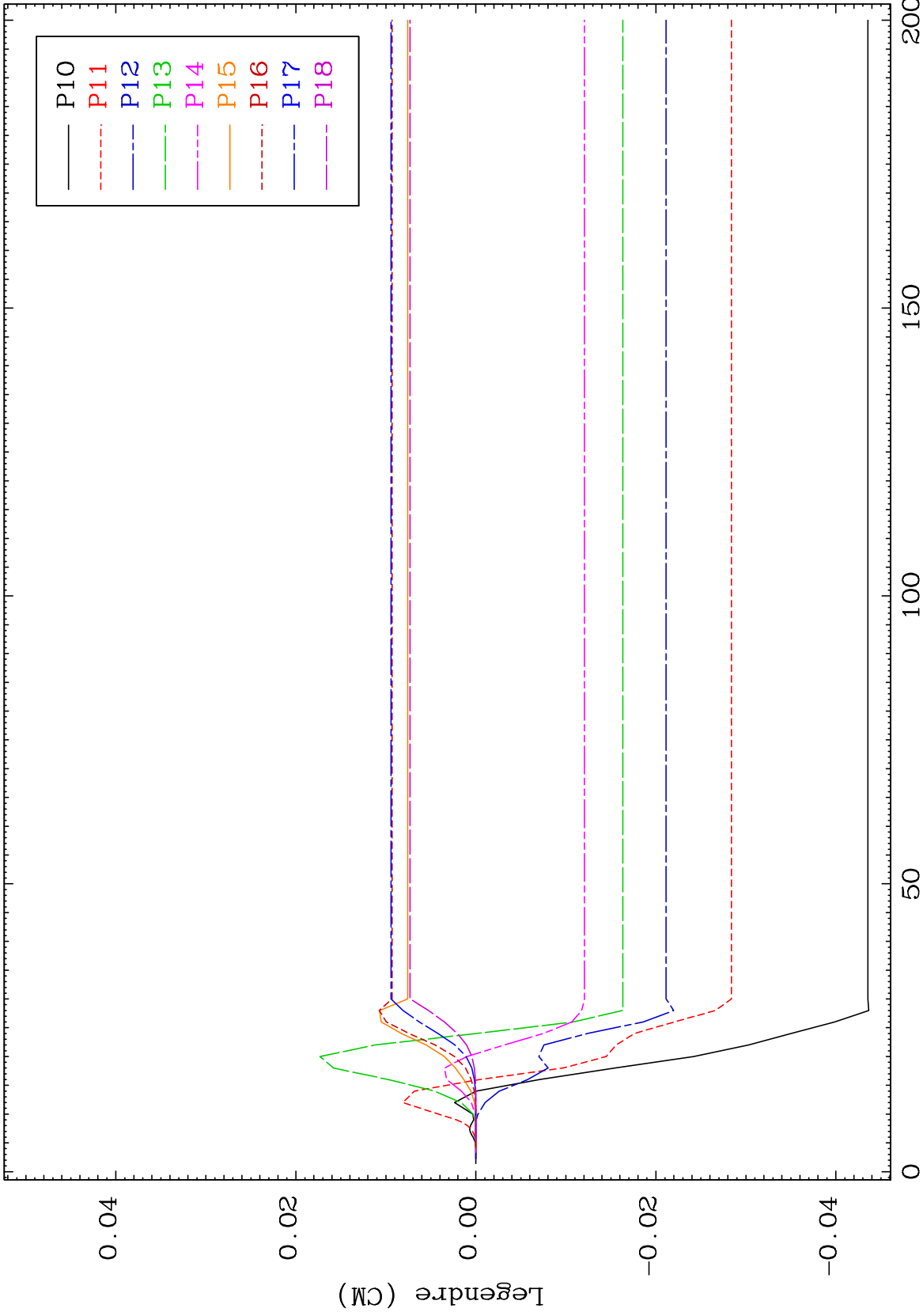
Incident Energy (MeV)

122

MAT 4252

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

42-Mo-101



123

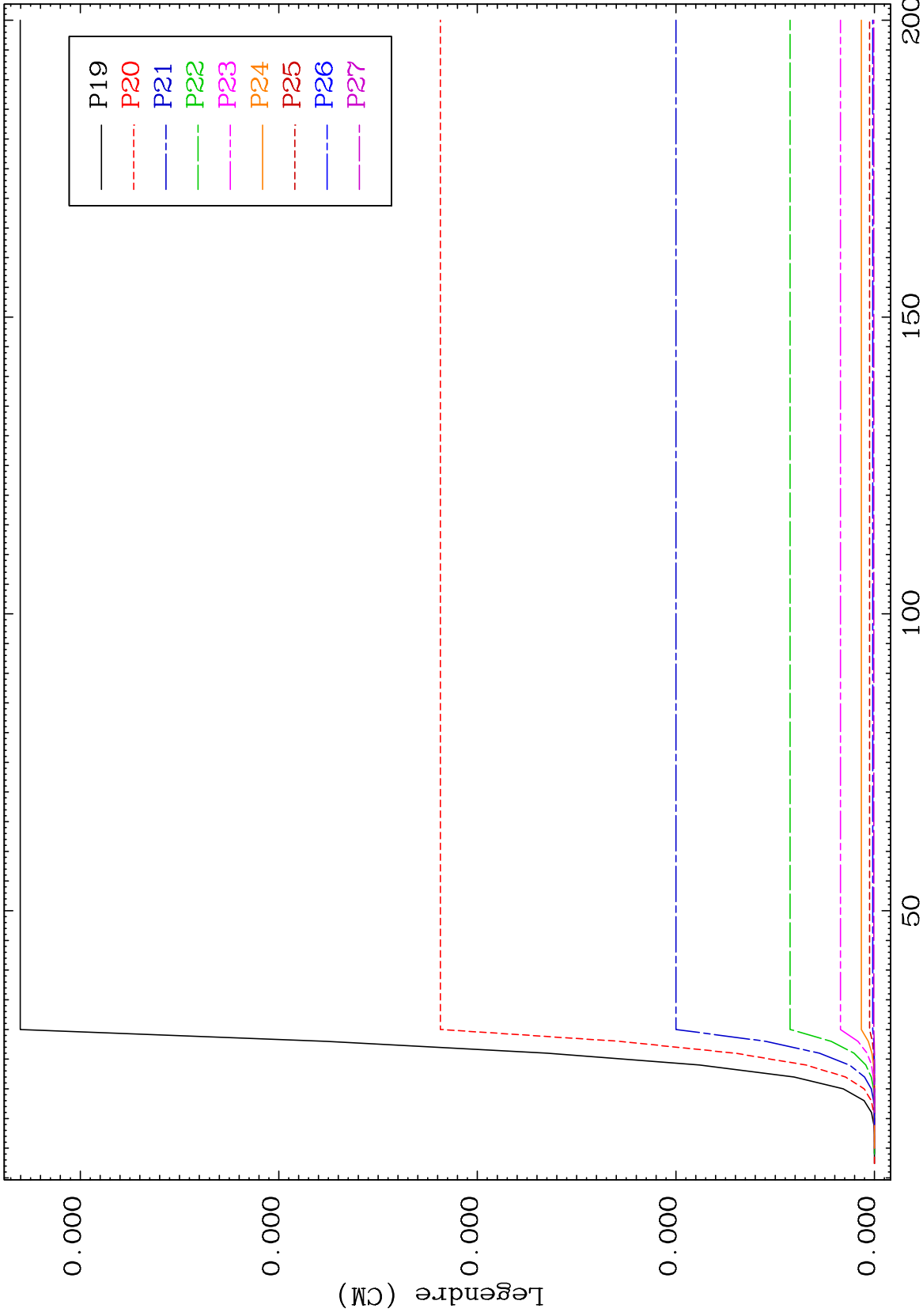
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

42-Mo-101



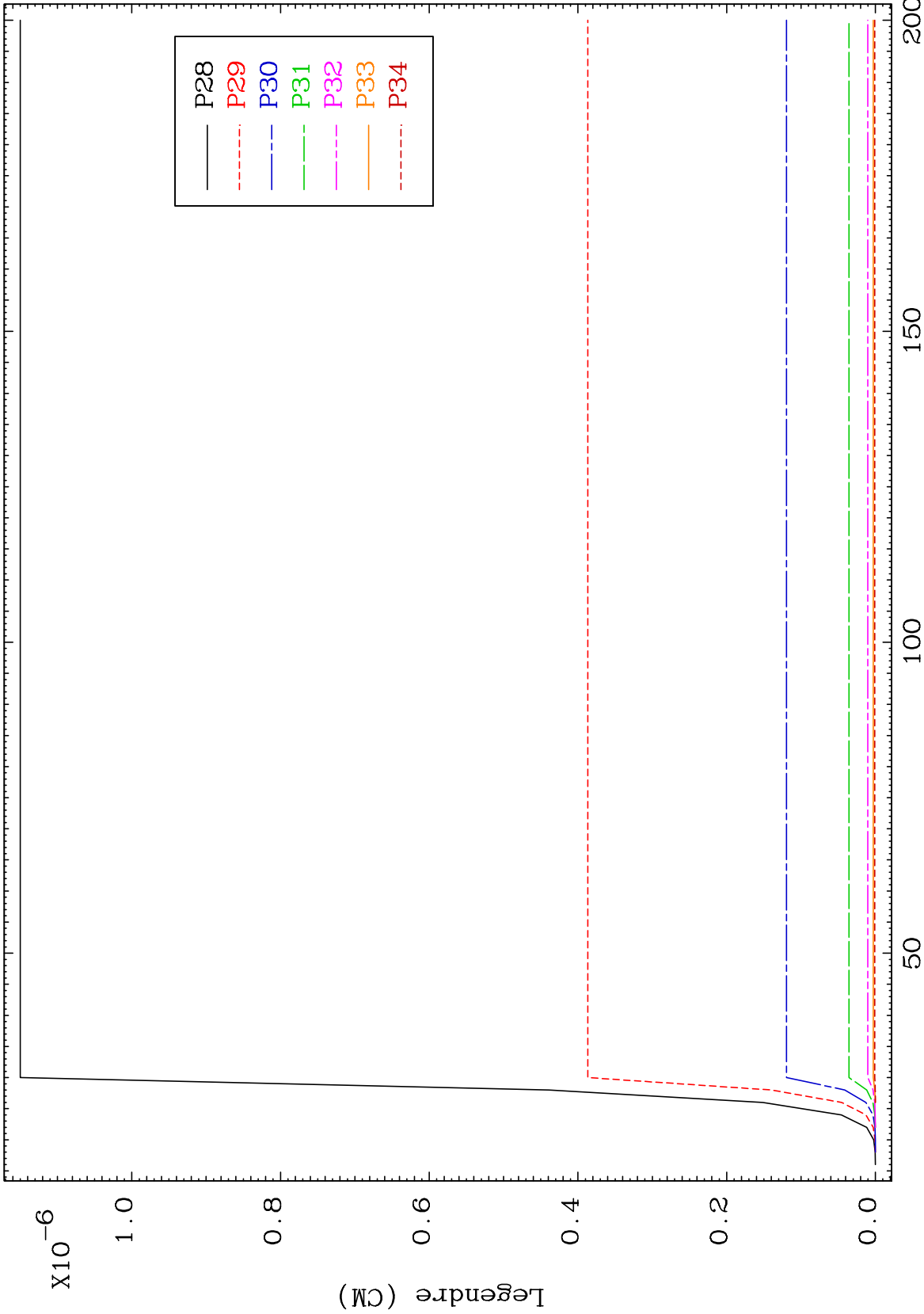
124

42-Mo-101

MAT 4252

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

42-Mo-101

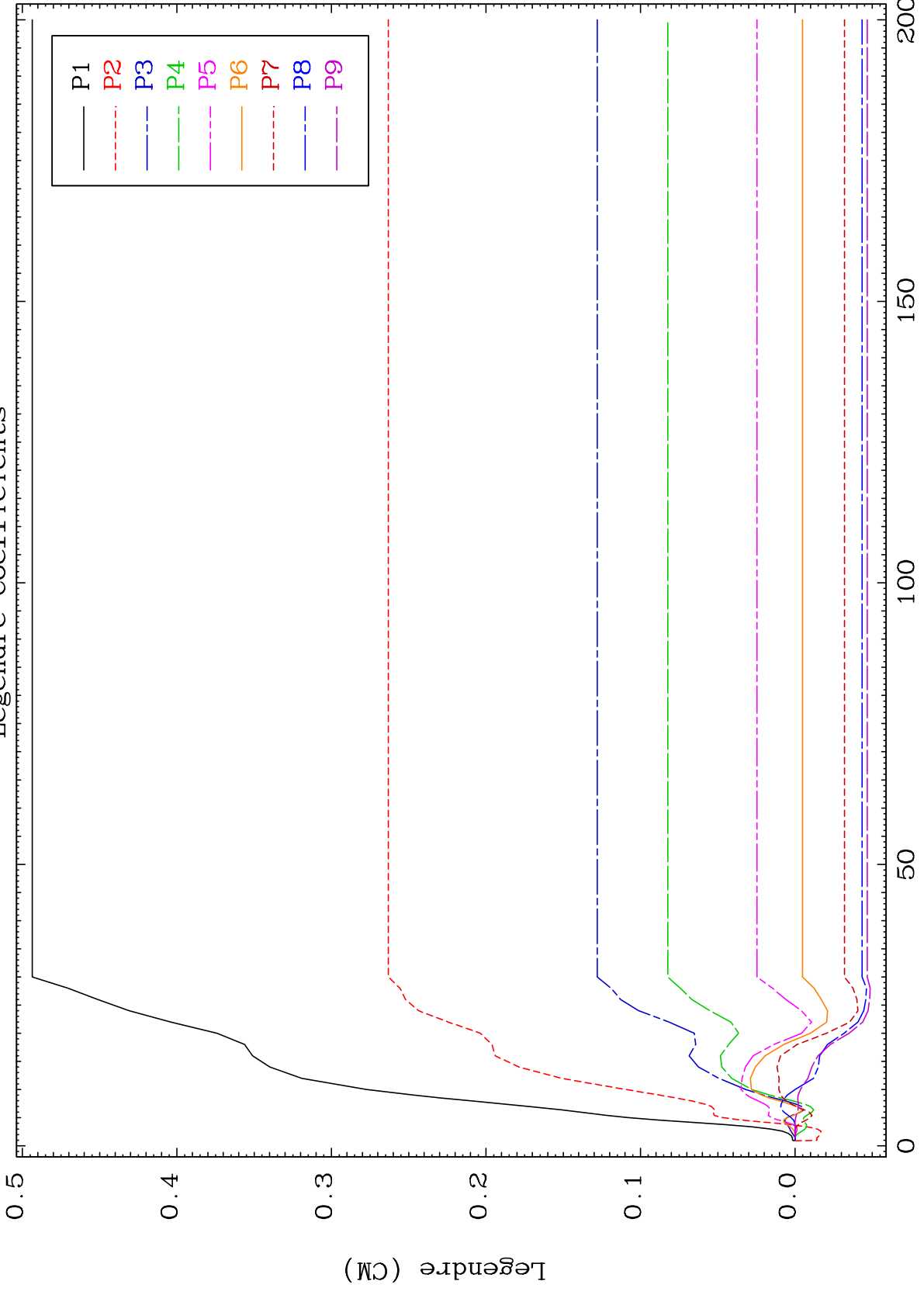


125

Incident Energy (MeV)

42-Mo-101

MAT 4252 MT= 80 (n,n') Level Legendre Coefficients 42-Mo-101

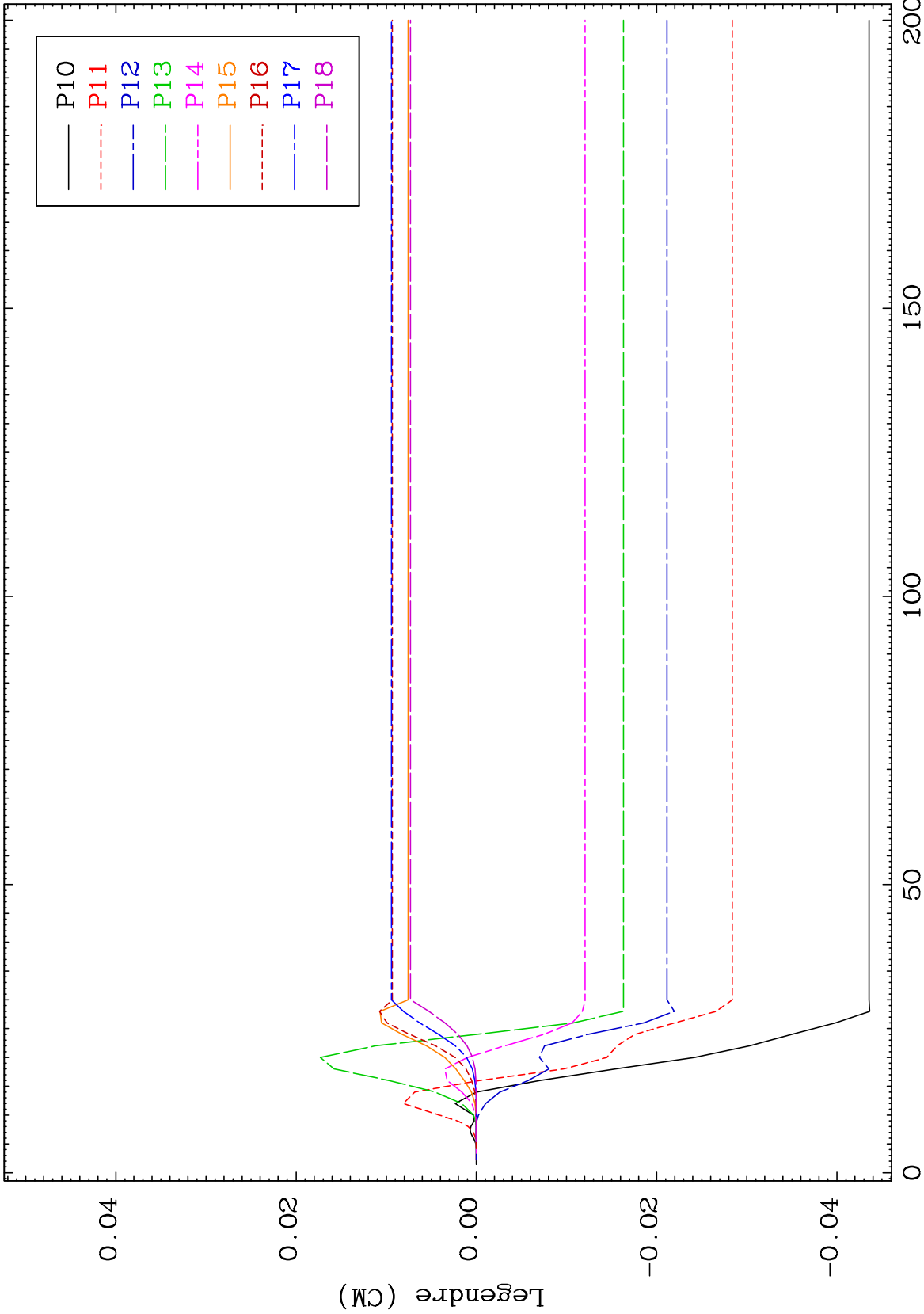


126 42-Mo-101

MAT 4252

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

42-Mo-101



127

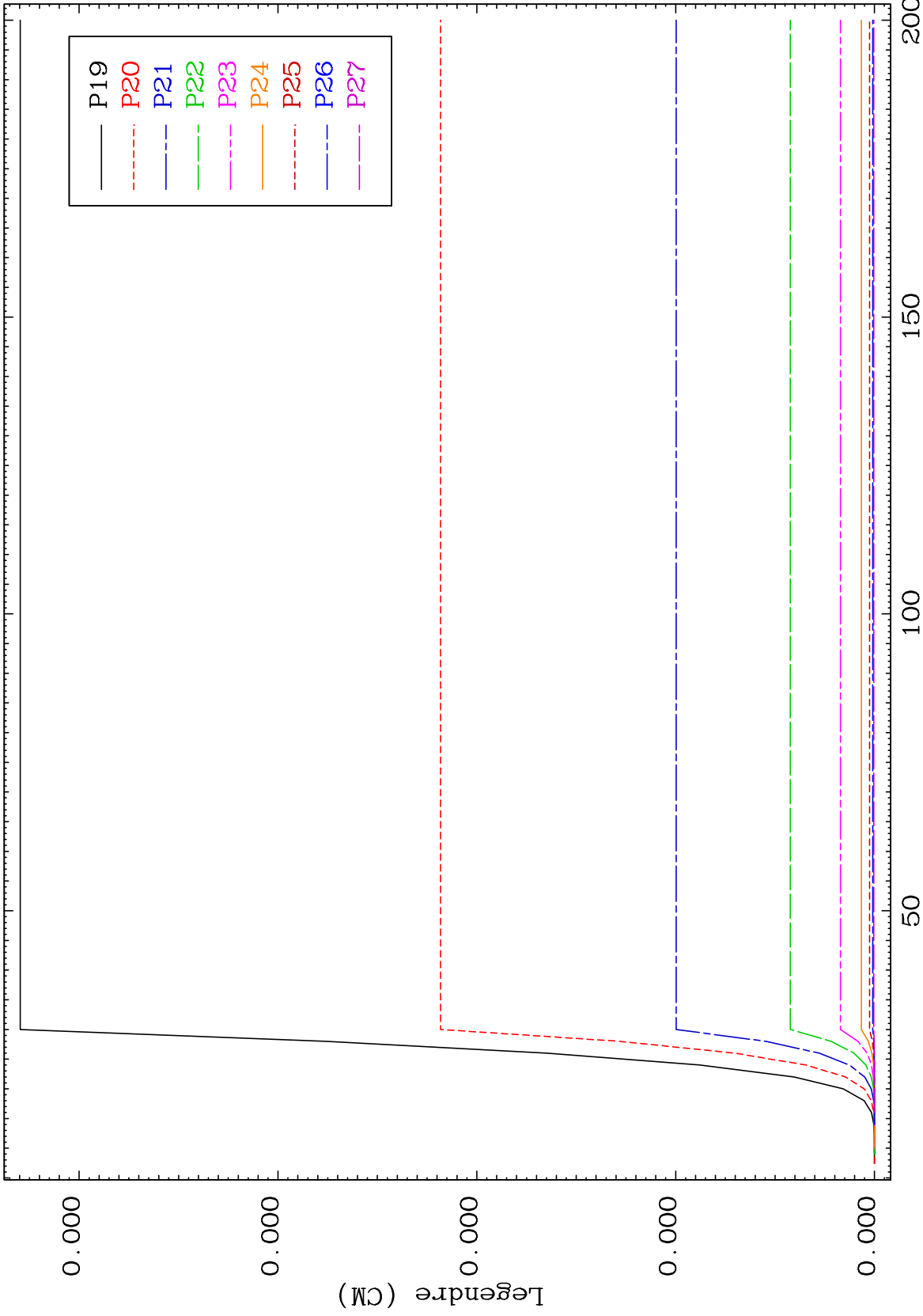
Incident Energy (MeV)

42-Mo-101

MAT 4252

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

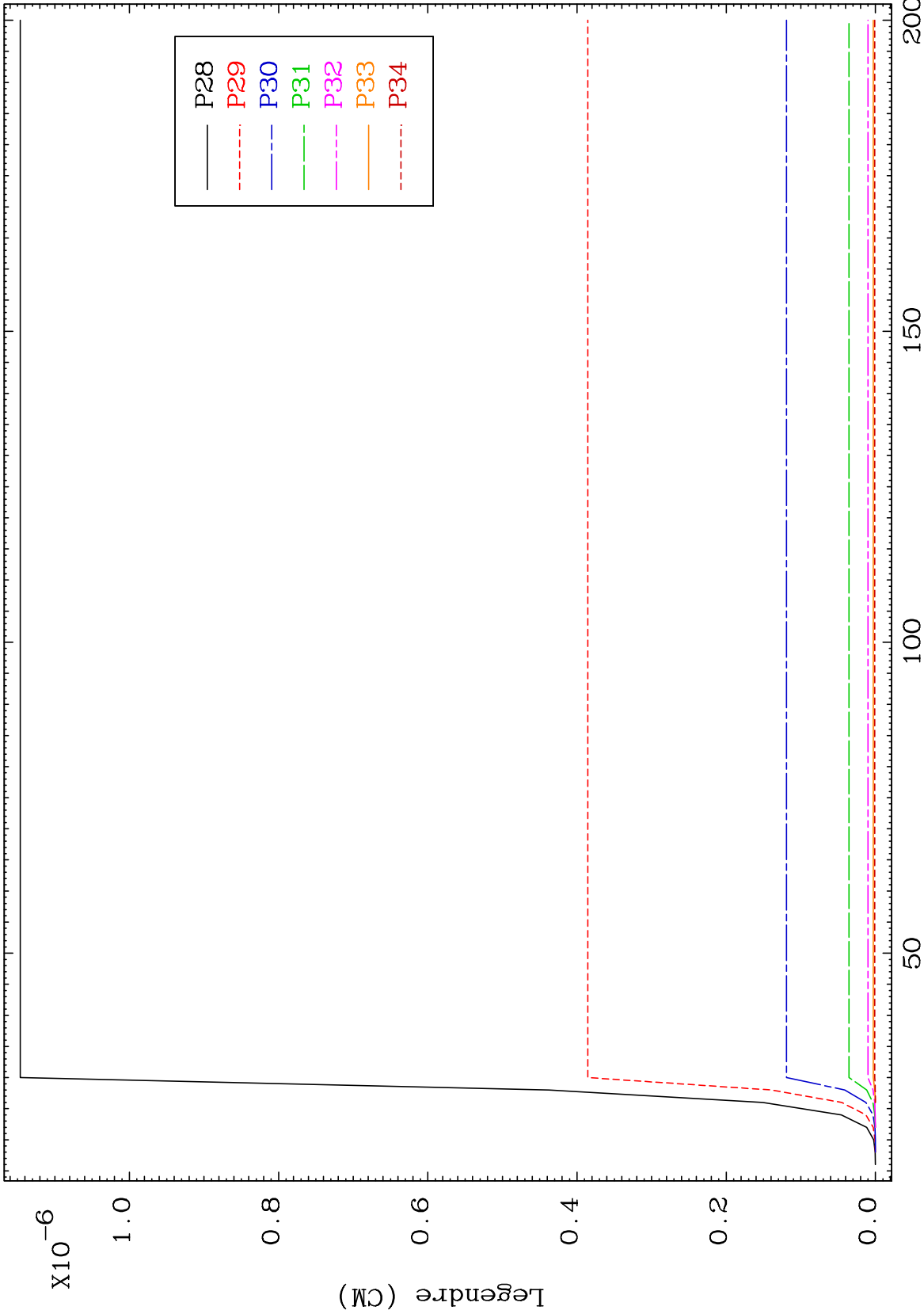
42-Mo-101



128

Incident Energy (MeV)

42-Mo-101

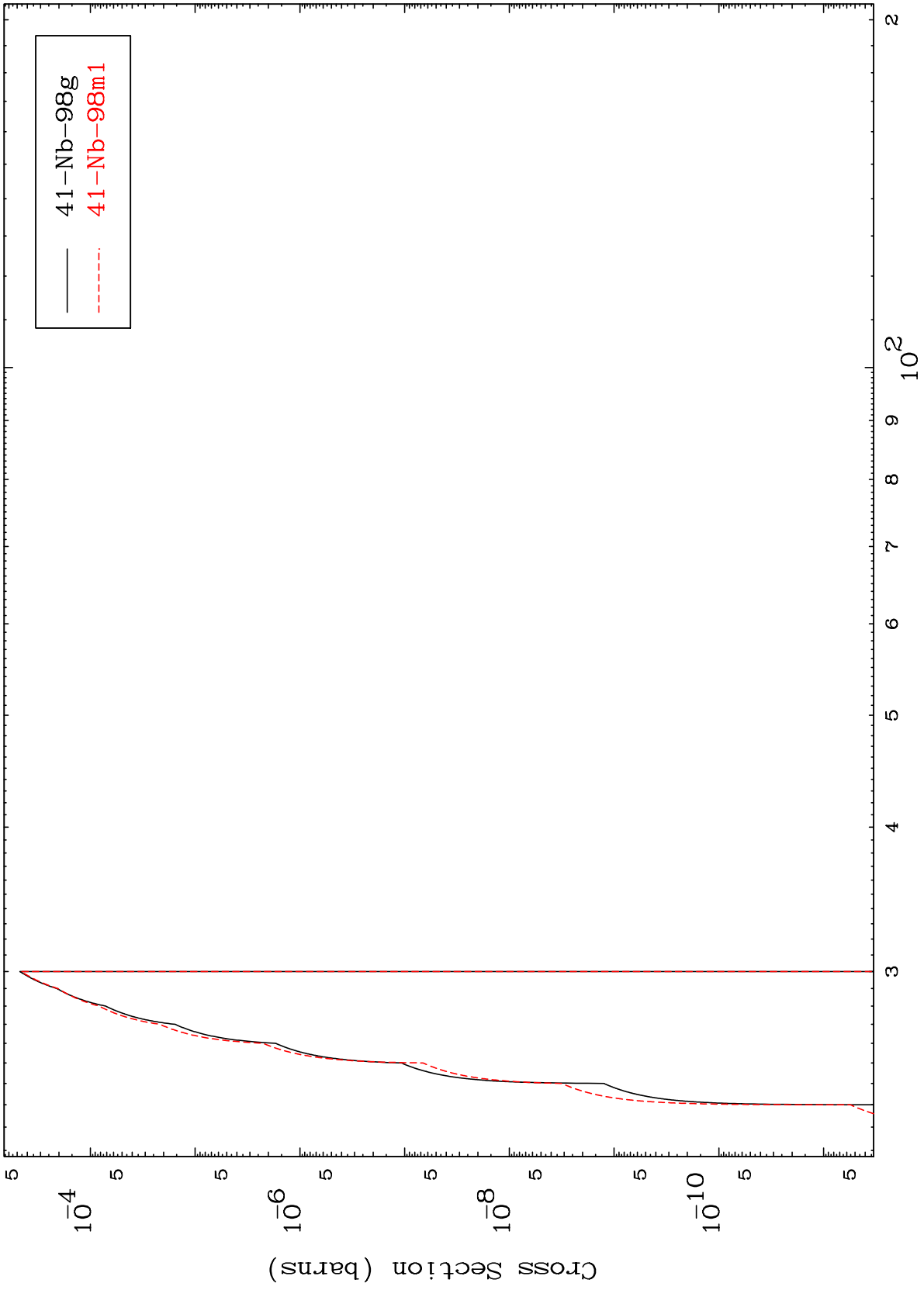


MAT 4252

(n,2n) d

42-Mo-101

Radionuclide Production Cross Section



130

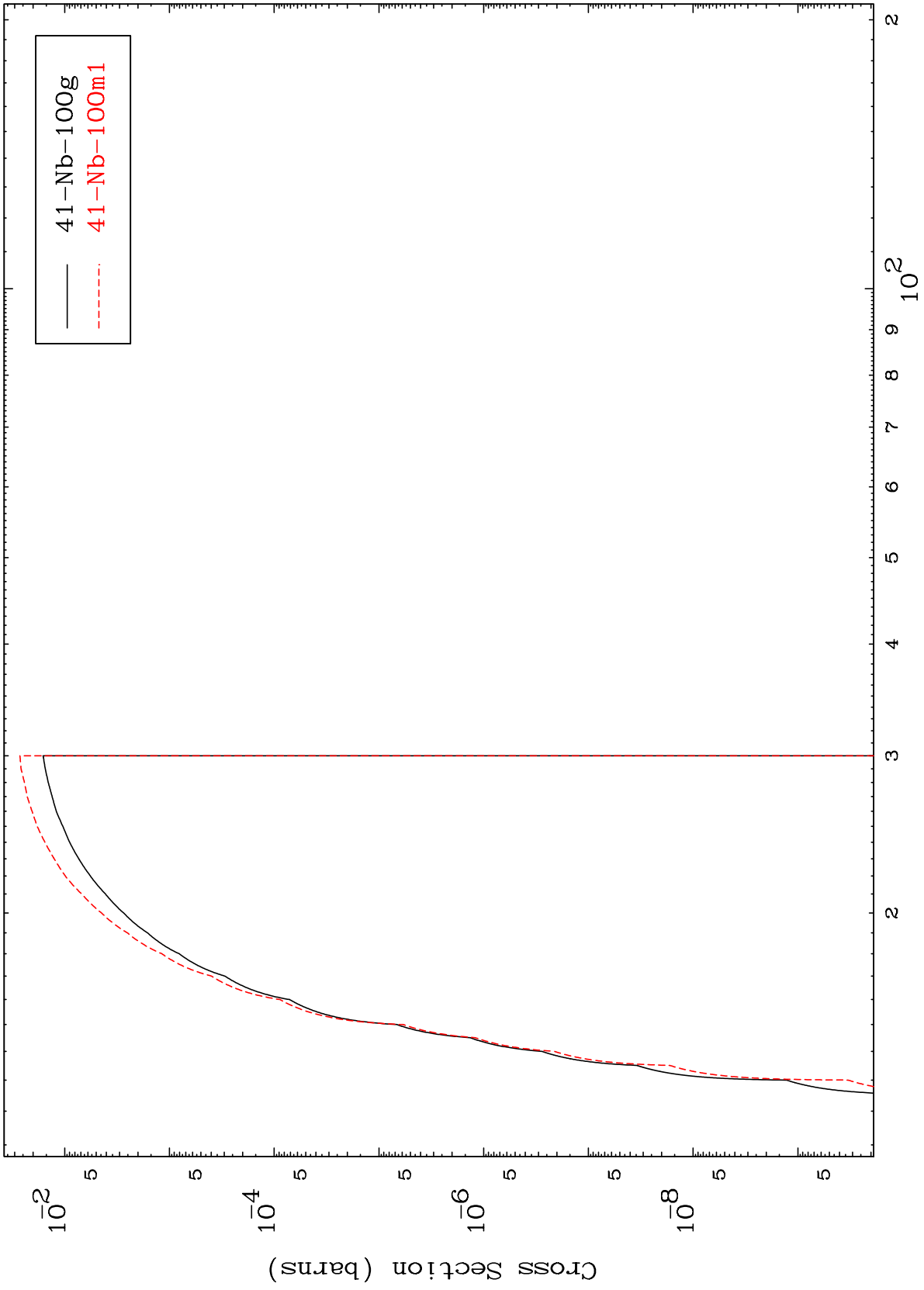
Incident Energy (MeV)

42-Mo-101

MAT 4252

42-Mo-101

(n,n') p
Radionuclide Production Cross Section



131

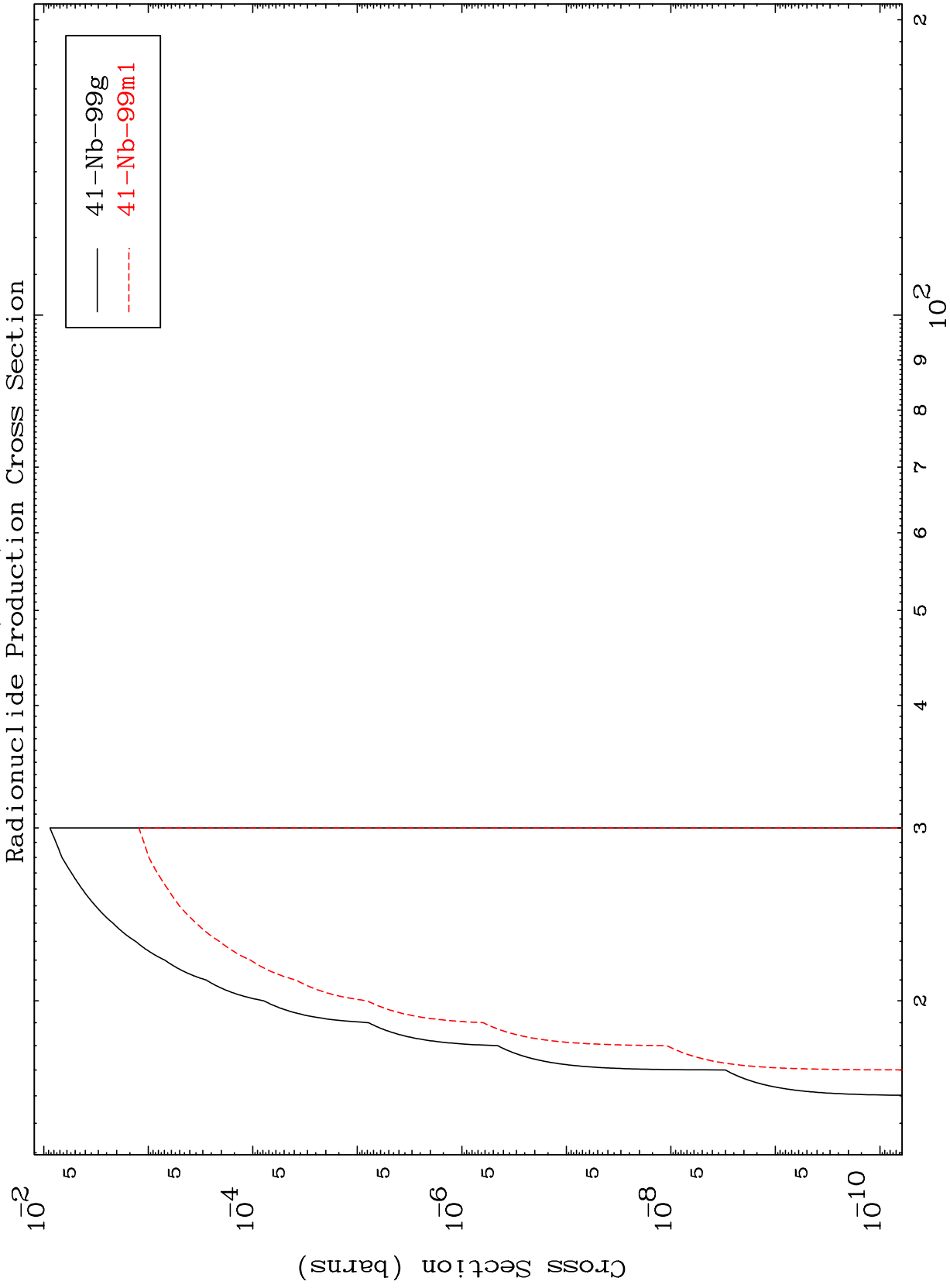
Incident Energy (MeV)

42-Mo-101

MAT 4252

(n,n') d

42-Mo-101



132

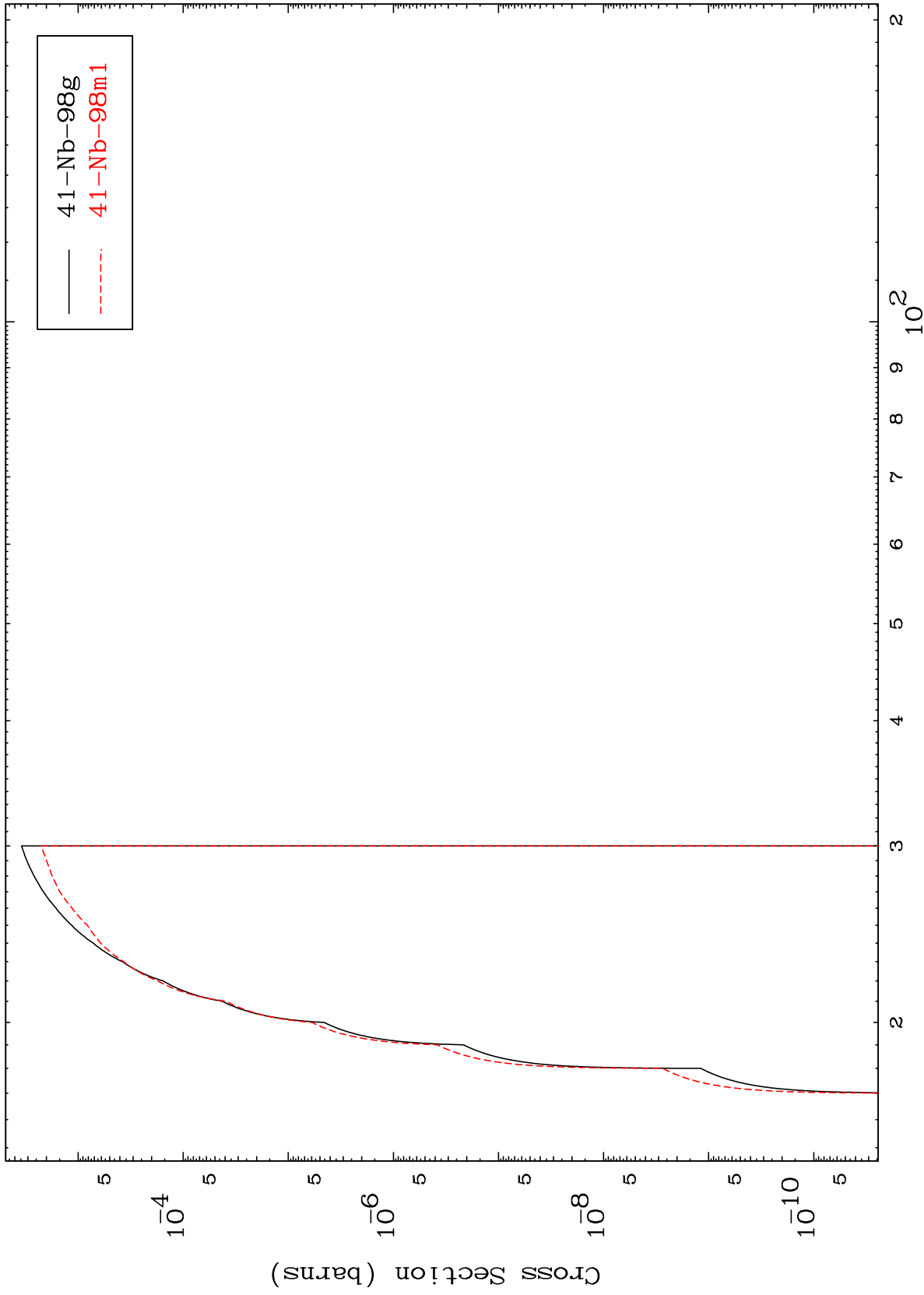
42-Mo-101

MAT 4252

(n,n') t

42-Mo-101

Radionuclide Production Cross Section



133

Incident Energy (MeV)

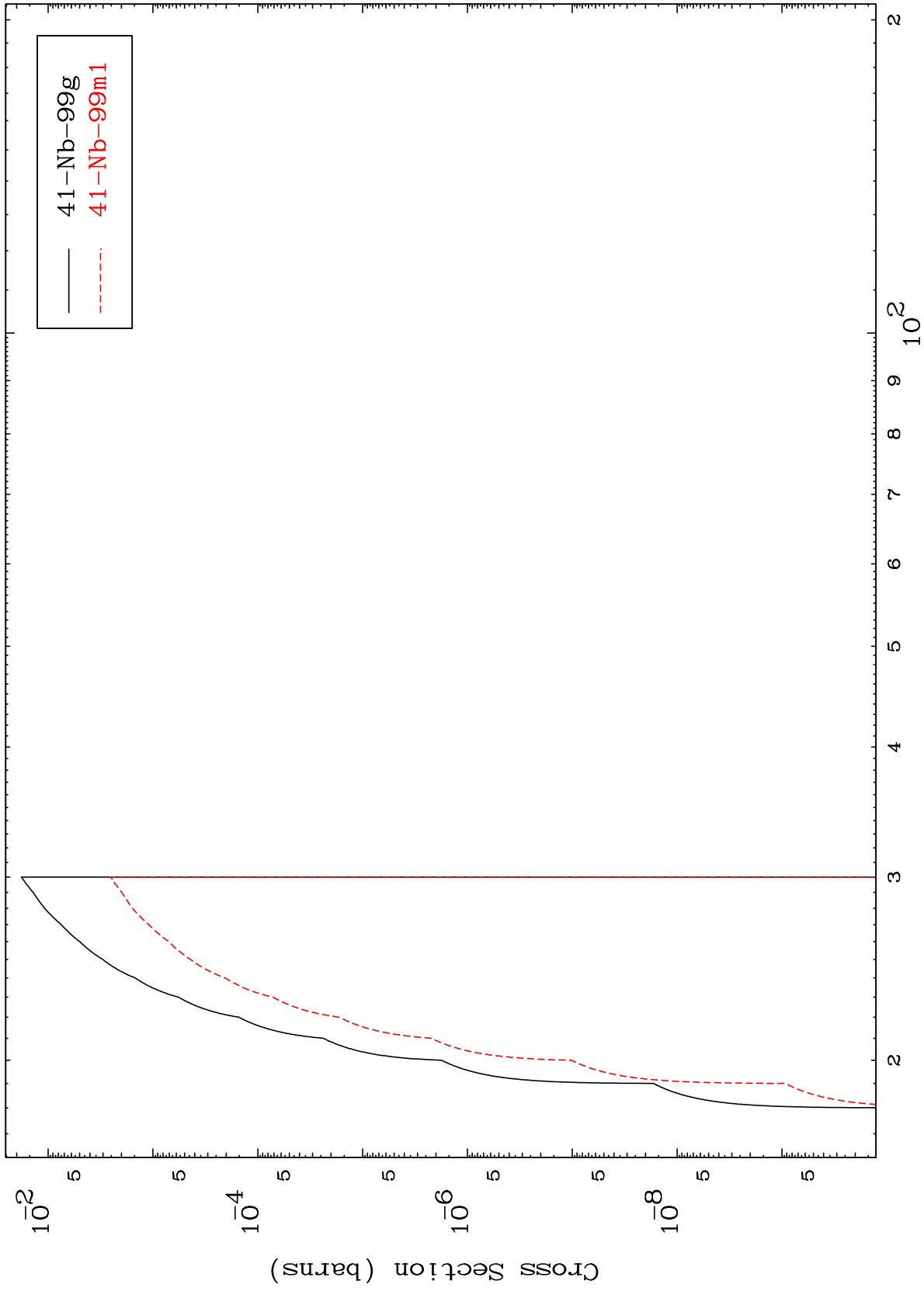
42-Mo-101

MAT 4252

(n,2n) p

42-Mo-101

Radionuclide Production Cross Section



134

Incident Energy (MeV)

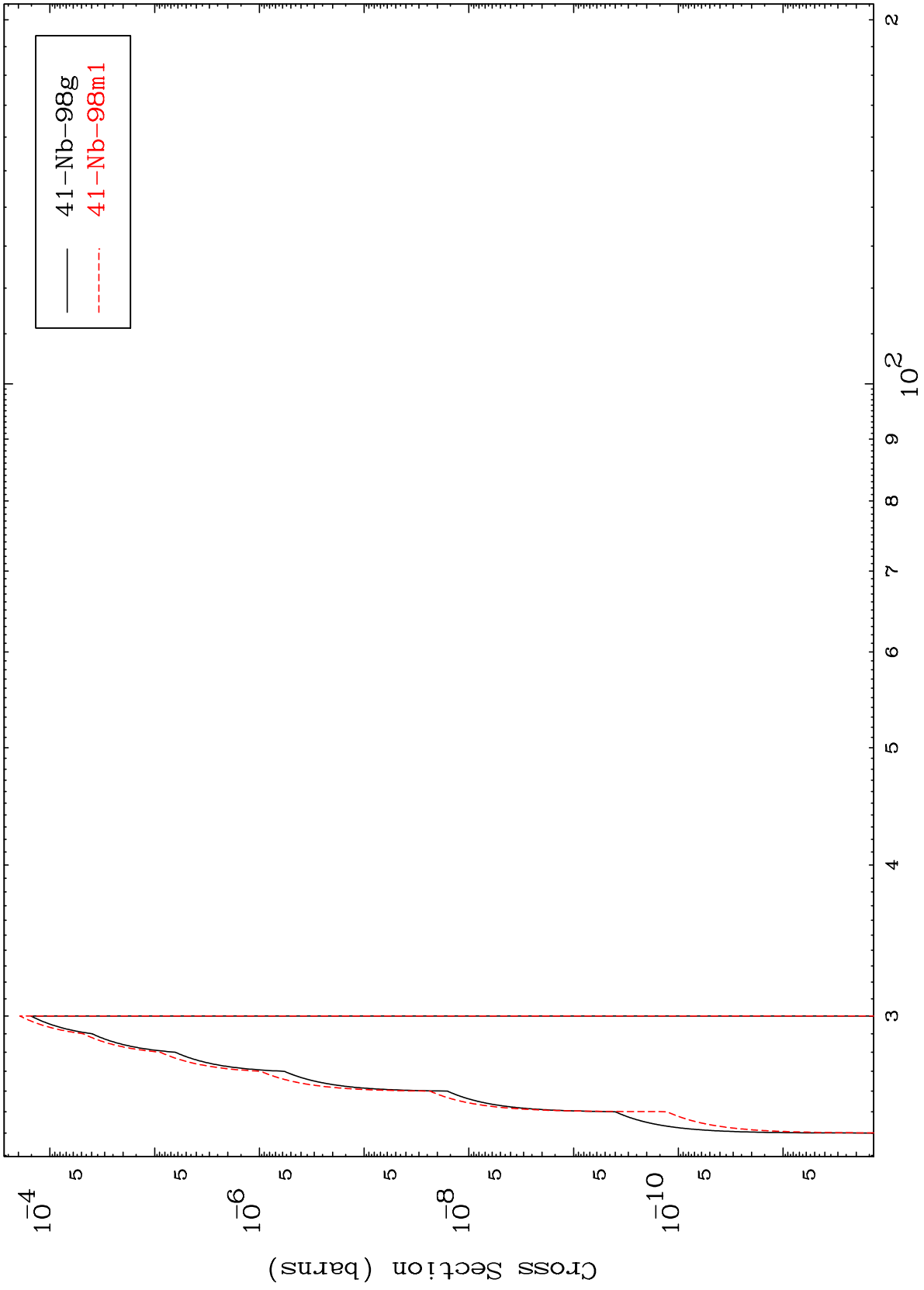
42-Mo-101

MAT 4252

(n,3n) p

42-Mo-101

Radionuclide Production Cross Section



135

Incident Energy (MeV)

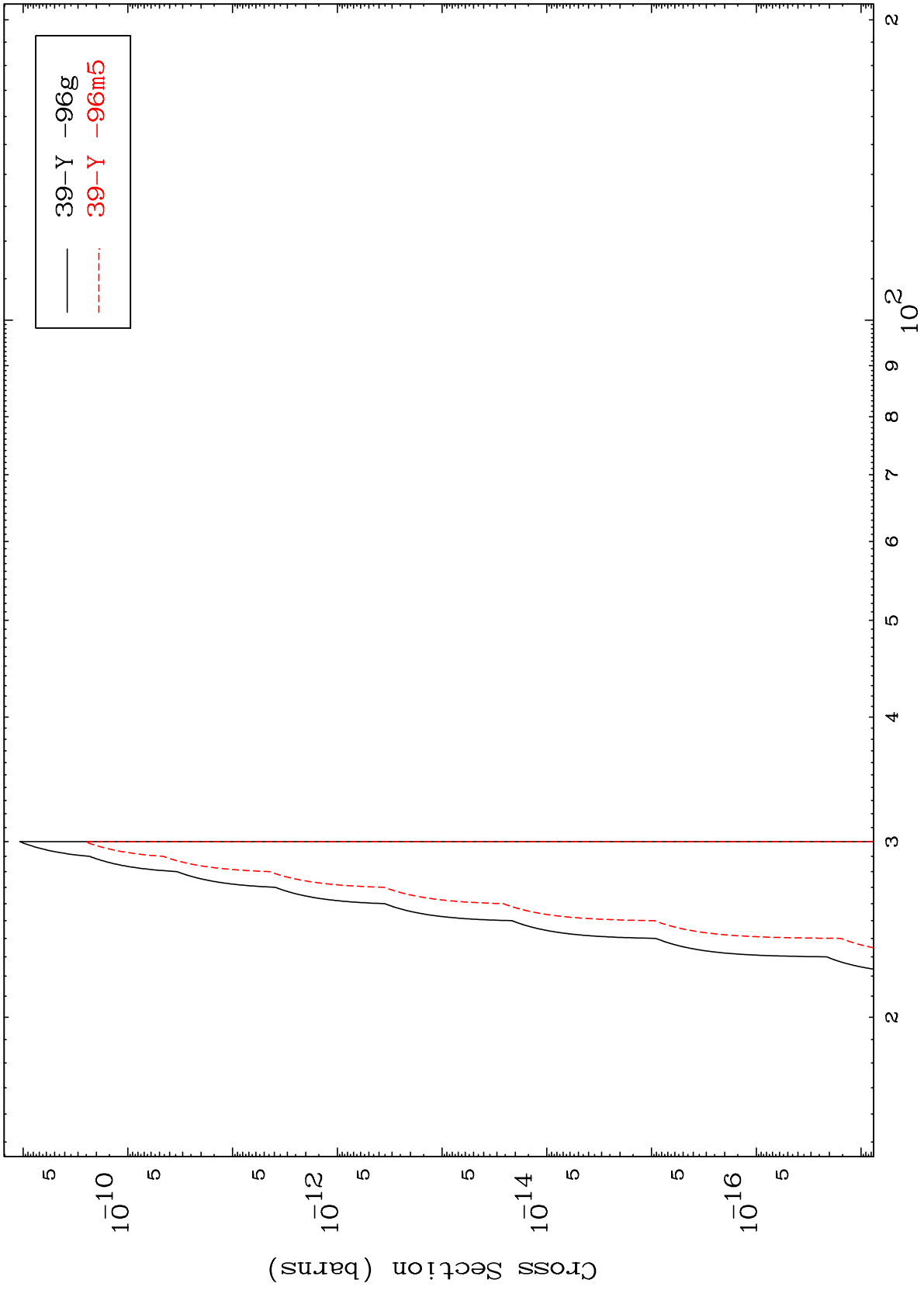
42-Mo-101

MAT 4252

(n,n') p α

42-Mo-101

Radionuclide Production Cross Section



136

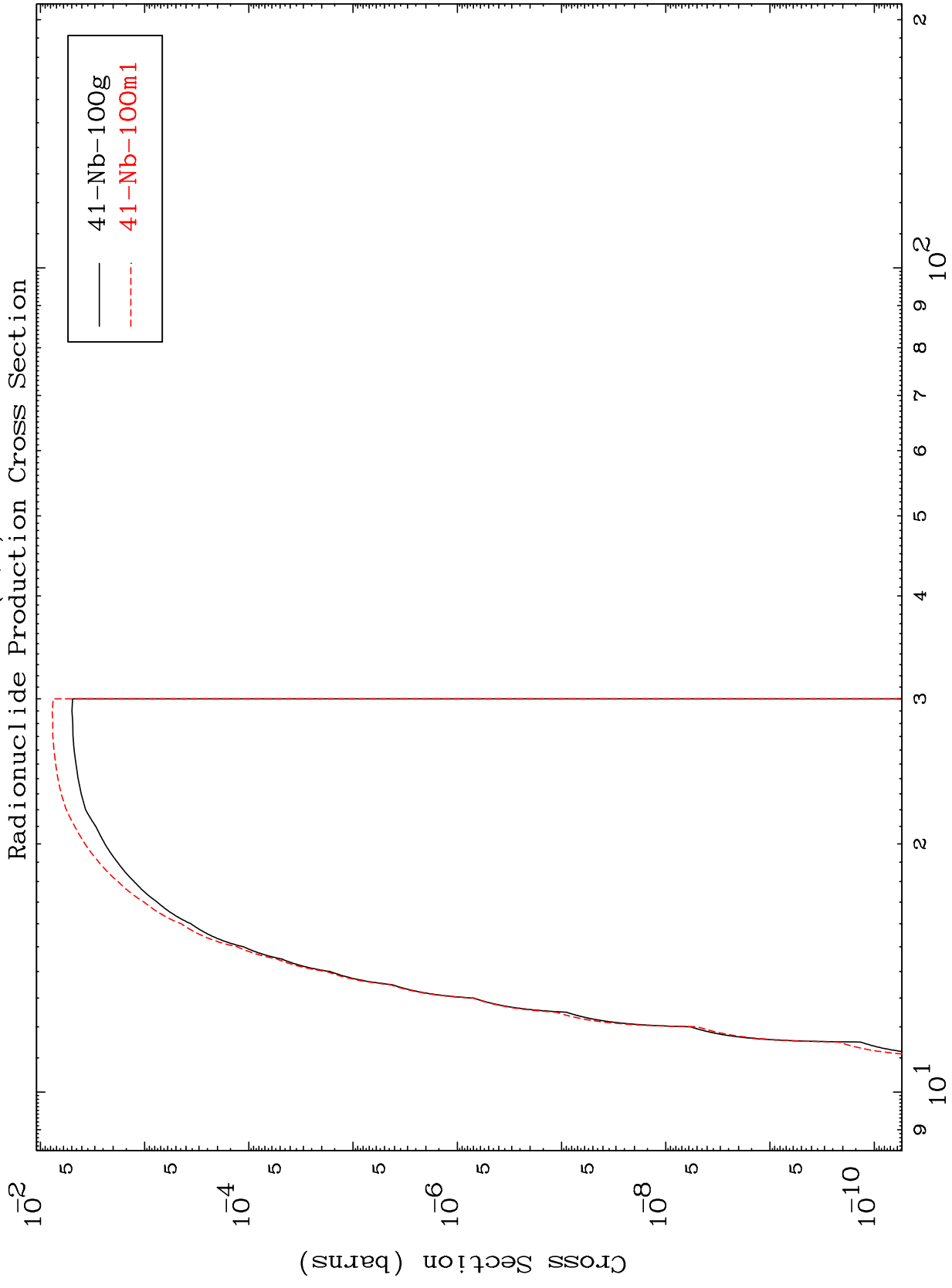
Incident Energy (MeV)

42-Mo-101

MAT 4252

42-Mo-101

(n,d)
Radionuclide Production Cross Section



137

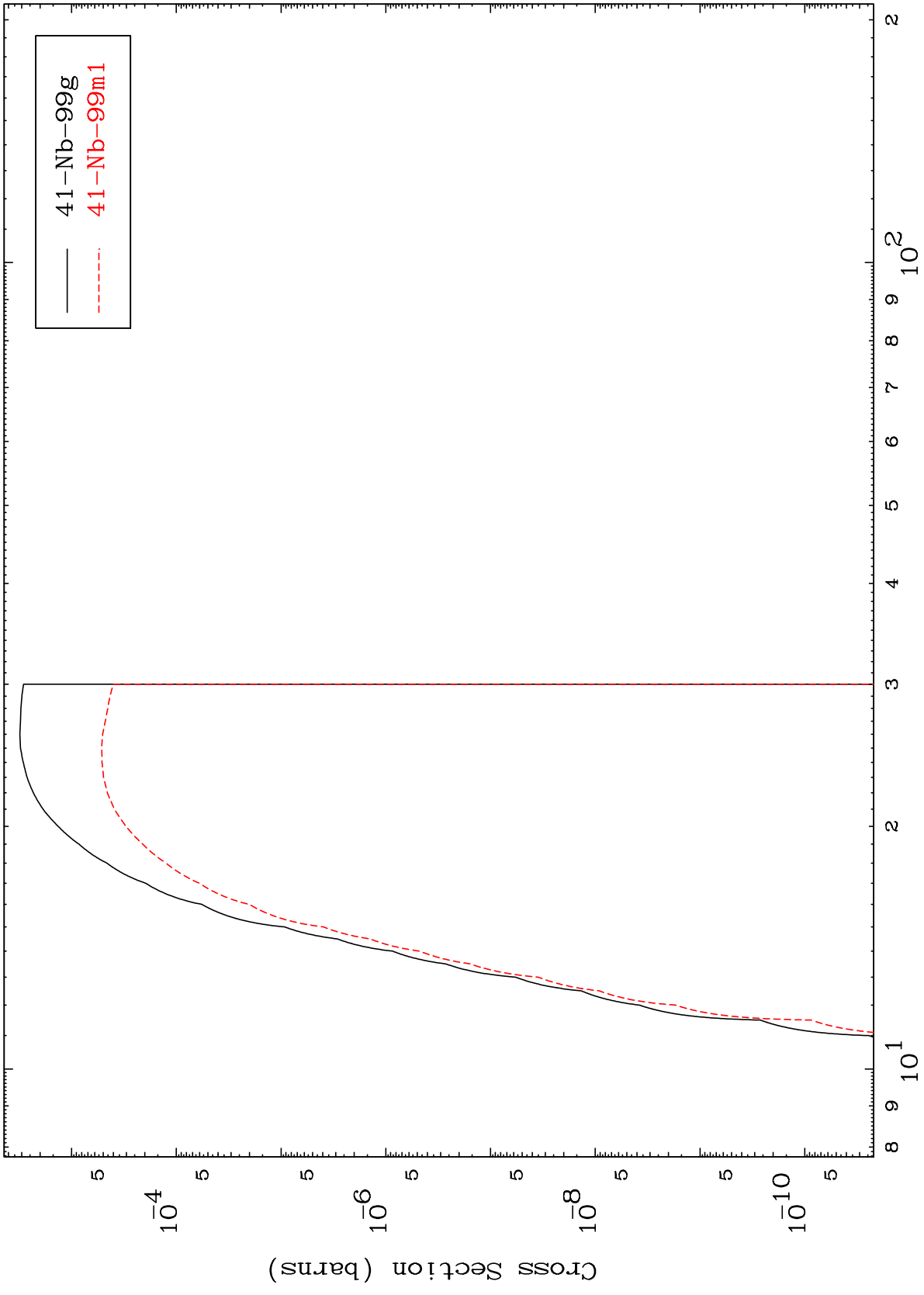
Incident Energy (MeV)

42-Mo-101

MAT 4252

42-Mo-101

(n, t)
Radionuclide Production Cross Section



138

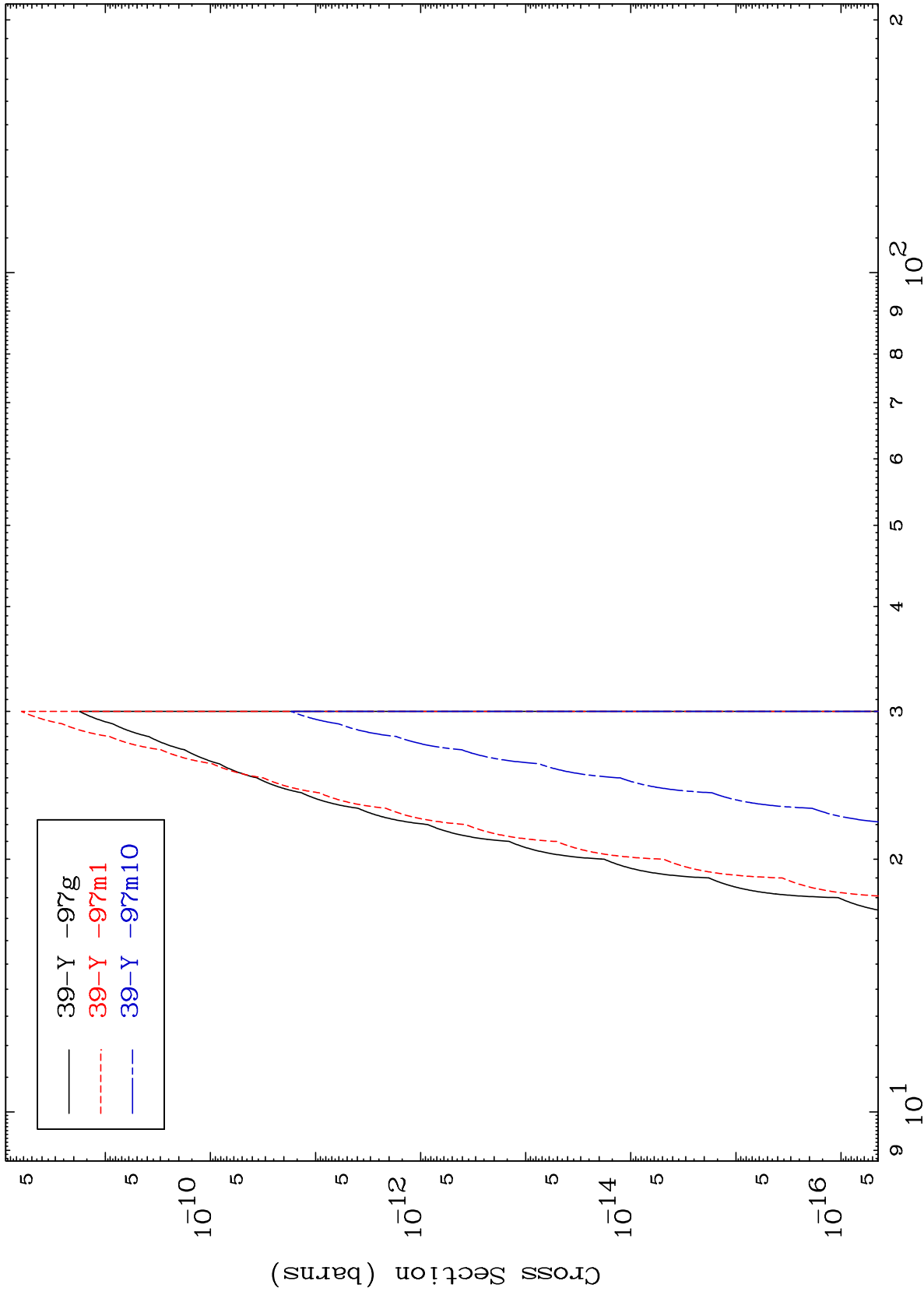
42-Mo-101

MAT 4252

(n,p) α

42-Mo-101

Radionuclide Production Cross Section



139

Incident Energy (MeV)

42-Mo-101