

Program EVALPLOT
(Version 2018-1)

by

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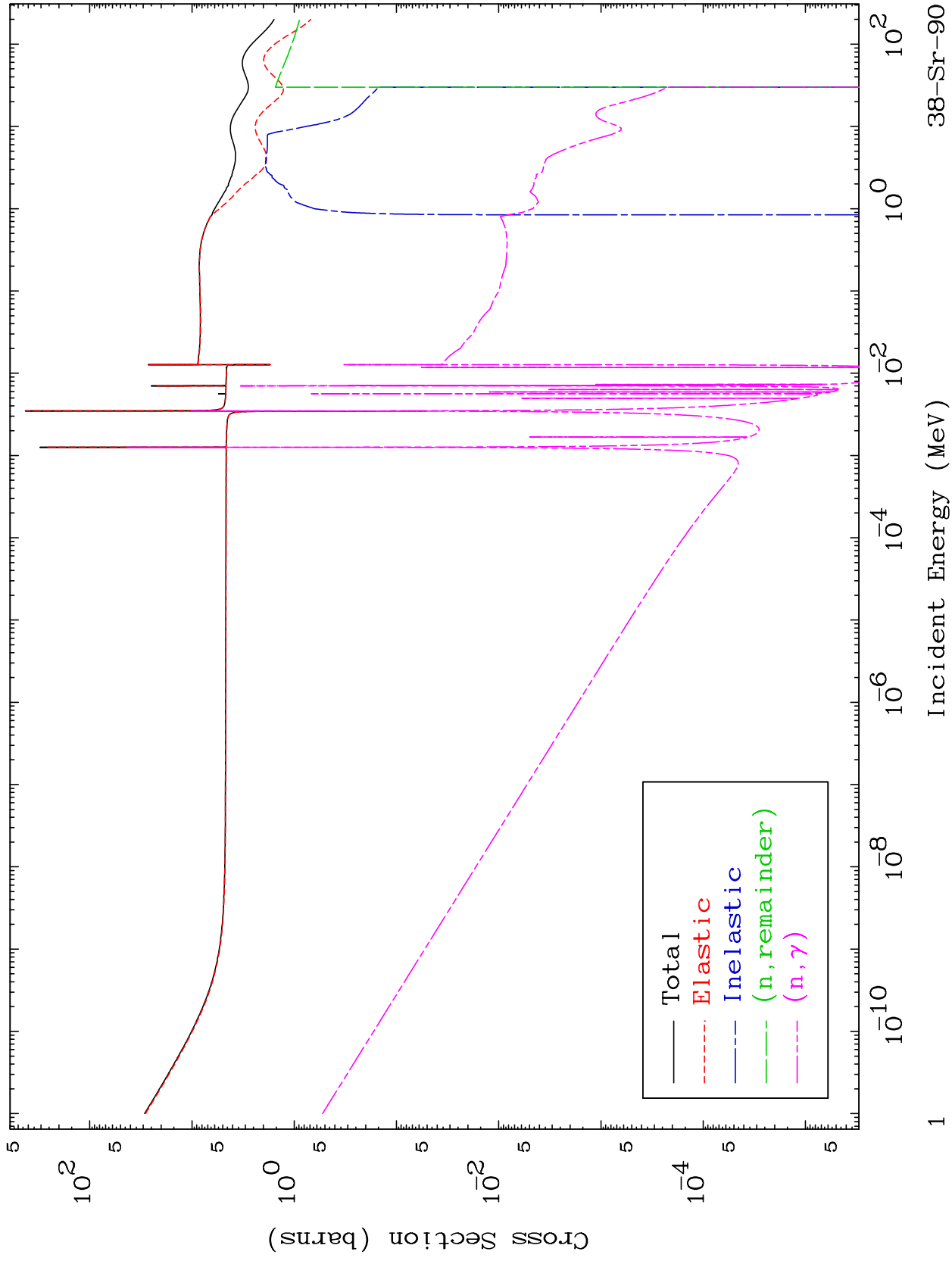
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3843

Major
293 Kelvin Cross Sections

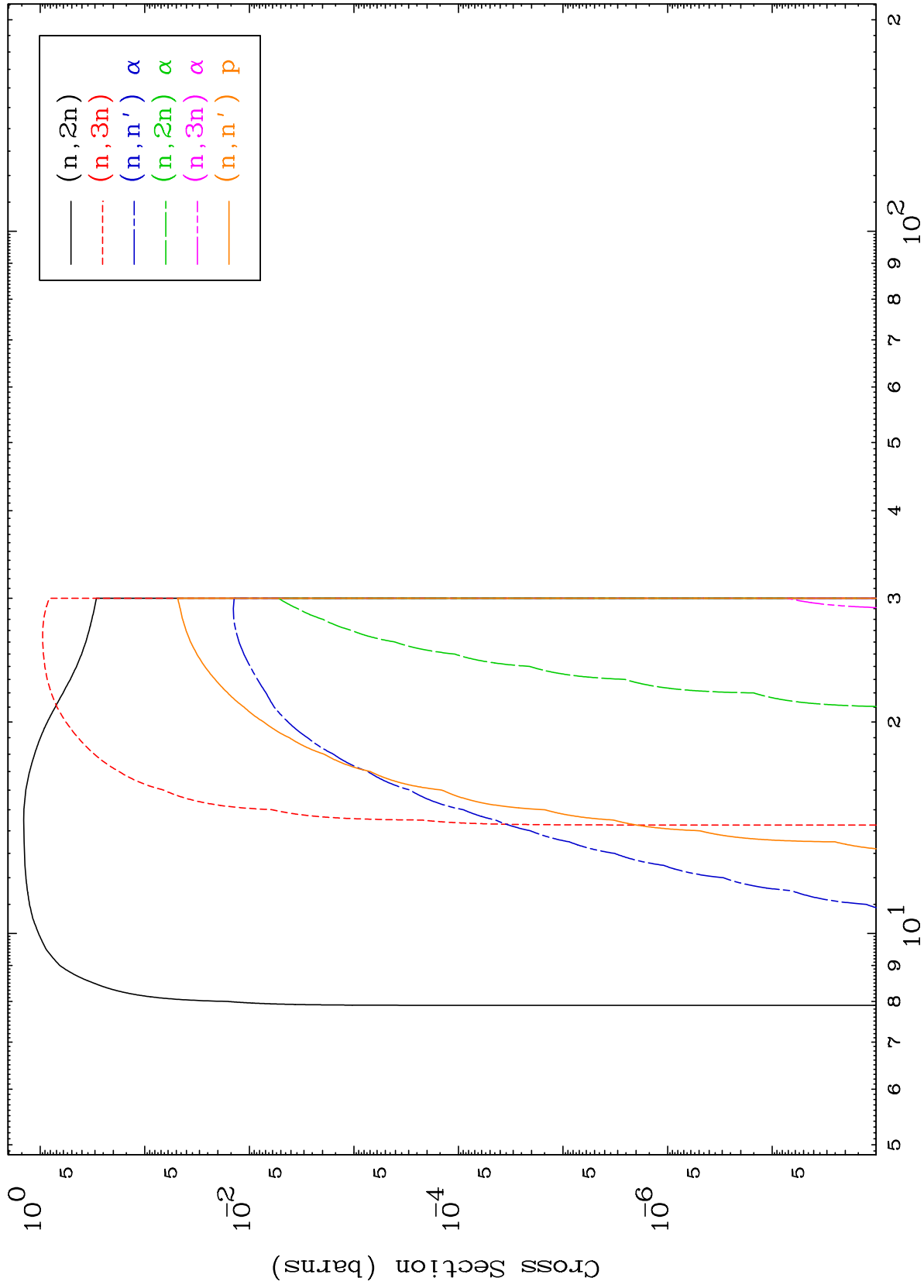
38-Sr-90



MAT 3843

Neutron Production 293 Kelvin Cross Sections

38-Sr-90



2

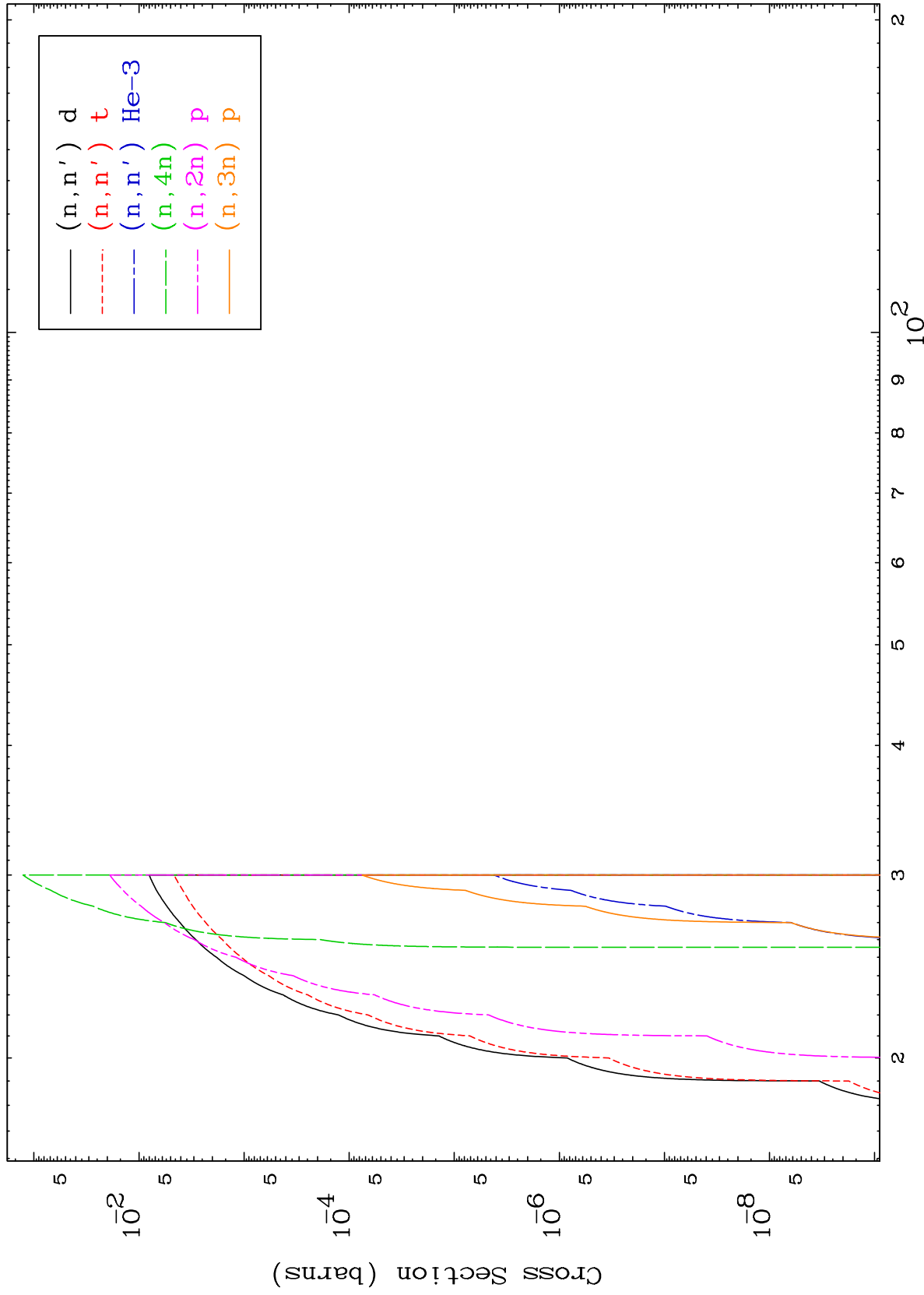
Incident Energy (MeV)

38-Sr-90

MAT 3843

Neutron Production
293 Kelvin Cross Sections

38-Sr-90



3

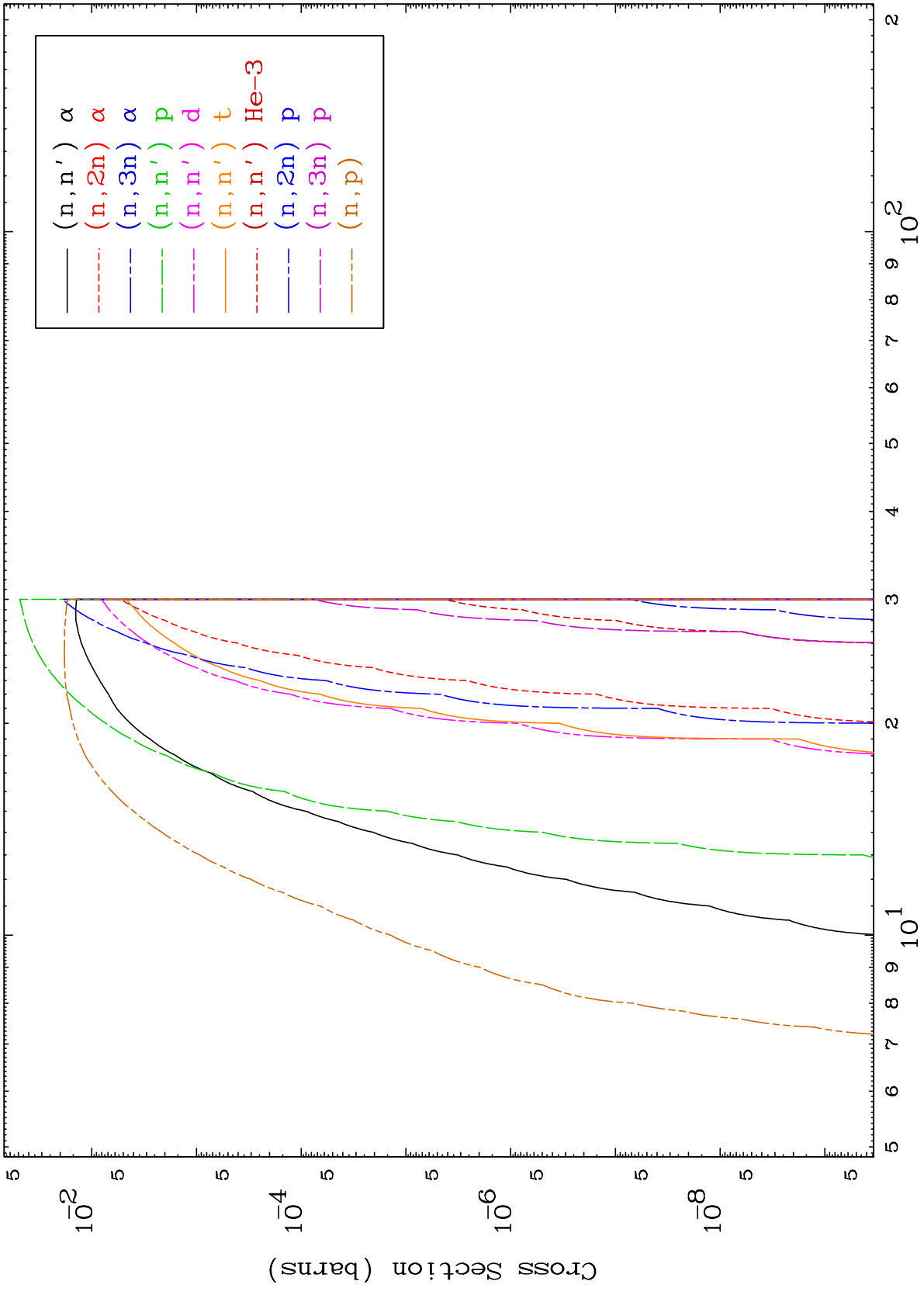
Incident Energy (MeV)

38-Sr-90

MAT 3843

Charged Particle
293 Kelvin Cross Sections

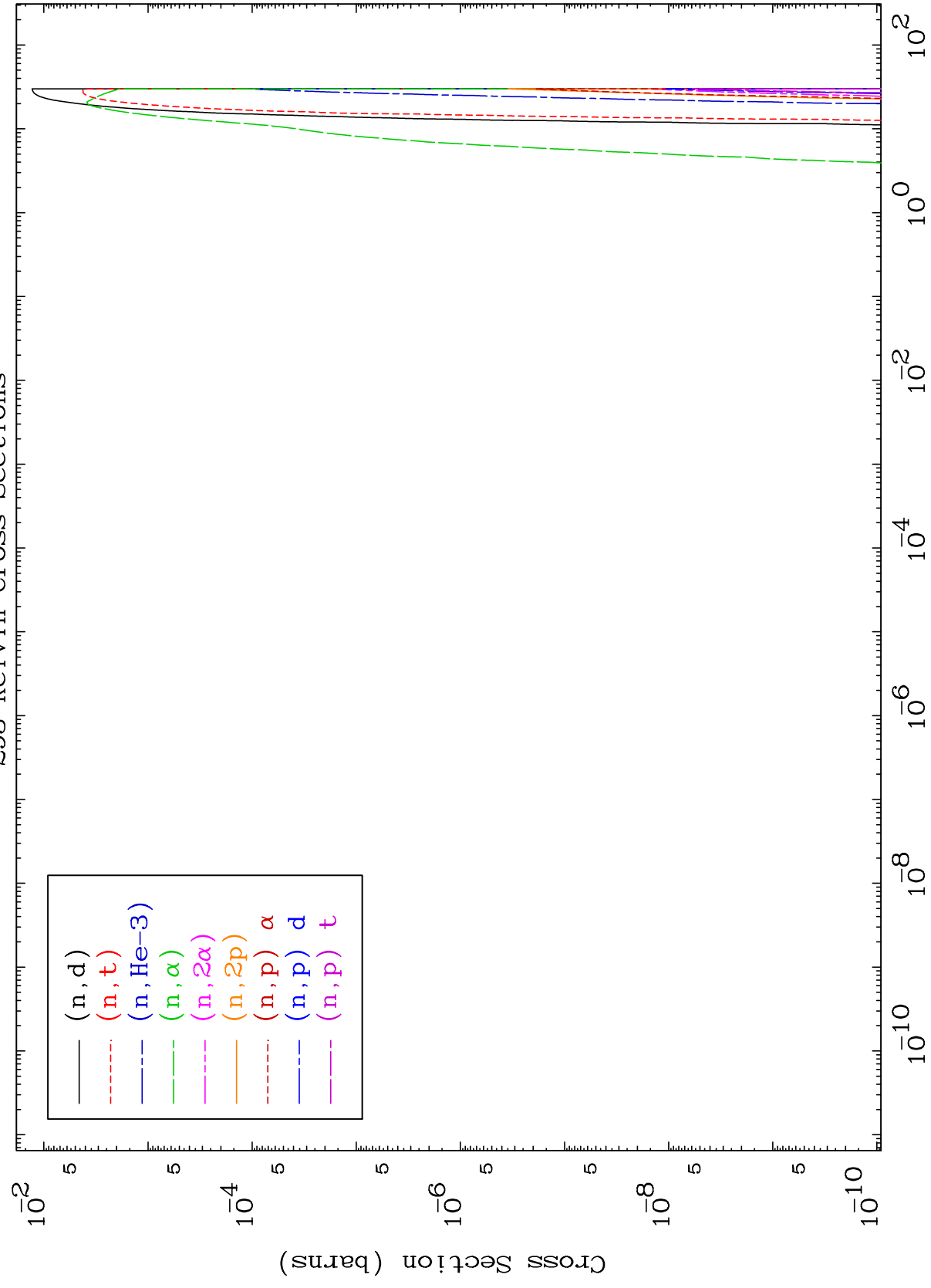
38-Sr-90



MAT 3843

293 Charged Particle
Kelvin Cross Sections

38-Sr-90



5

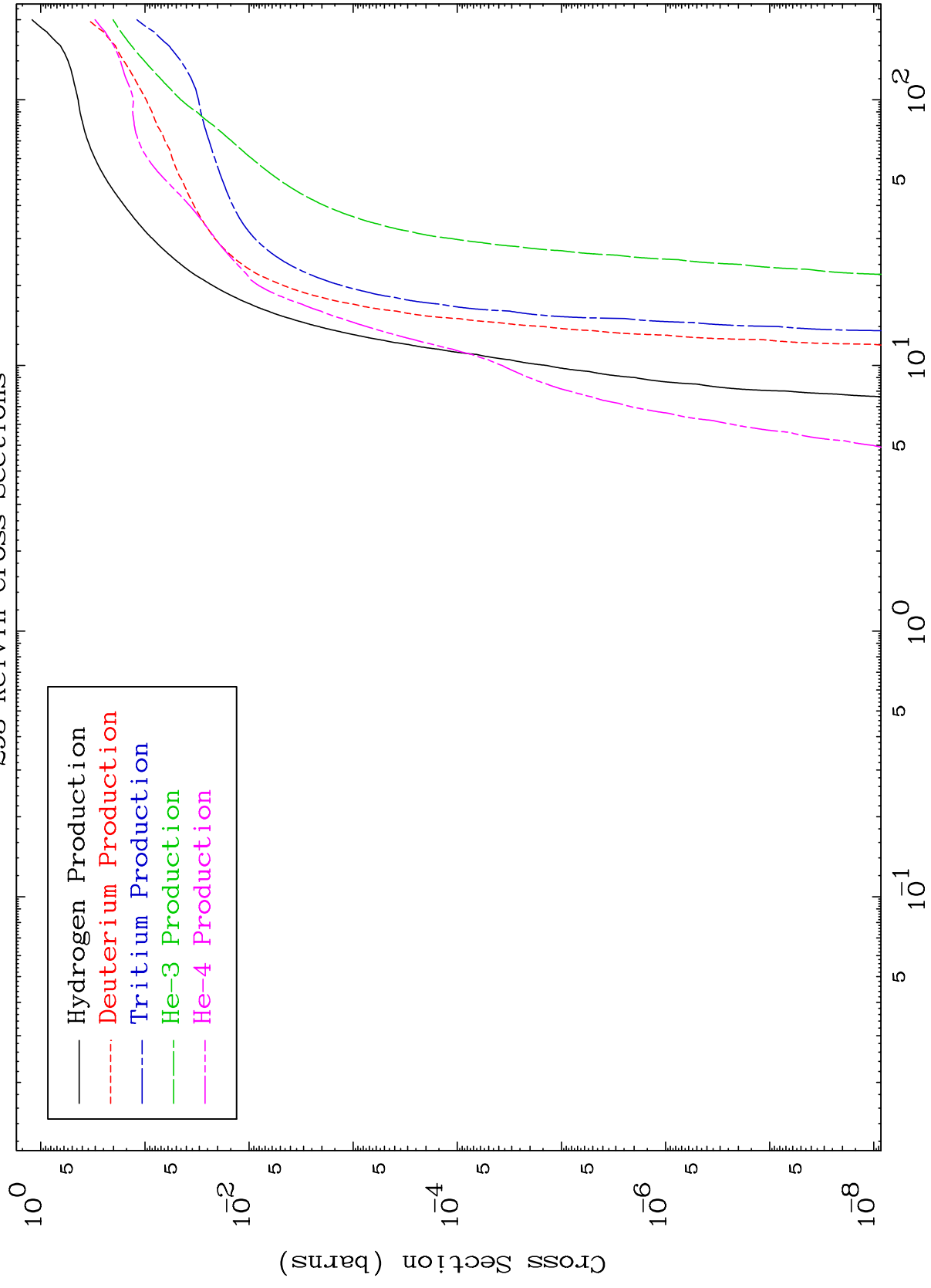
Incident Energy (MeV)

38-Sr-90

MAT 3843

Particle Production
293 Kelvin Cross Sections

38-Sr-90



6

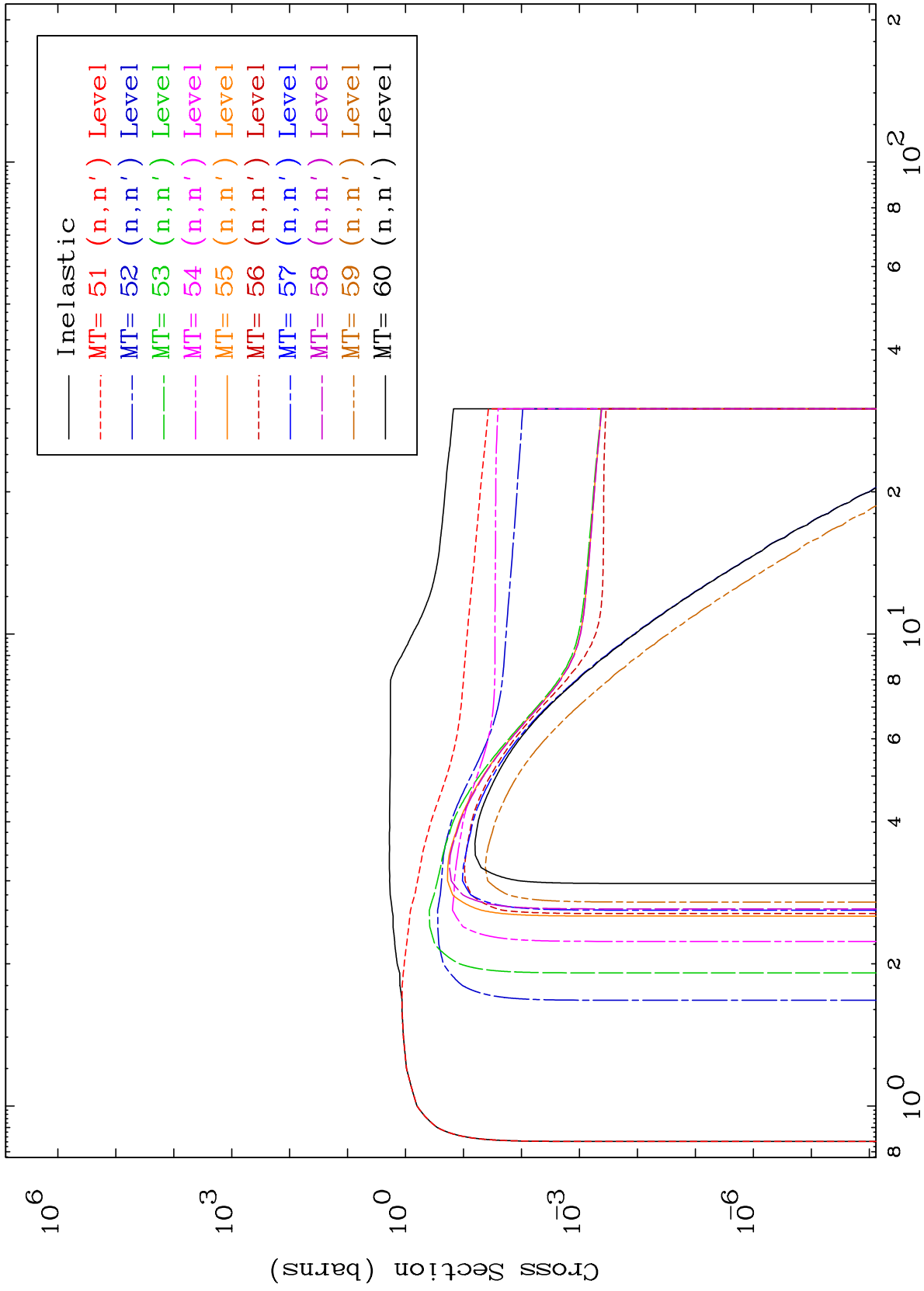
38-Sr-90

MAT 3843

(n,n') Level

38-Sr-90

293 Kelvin Cross Sections



7

Incident Energy (MeV)

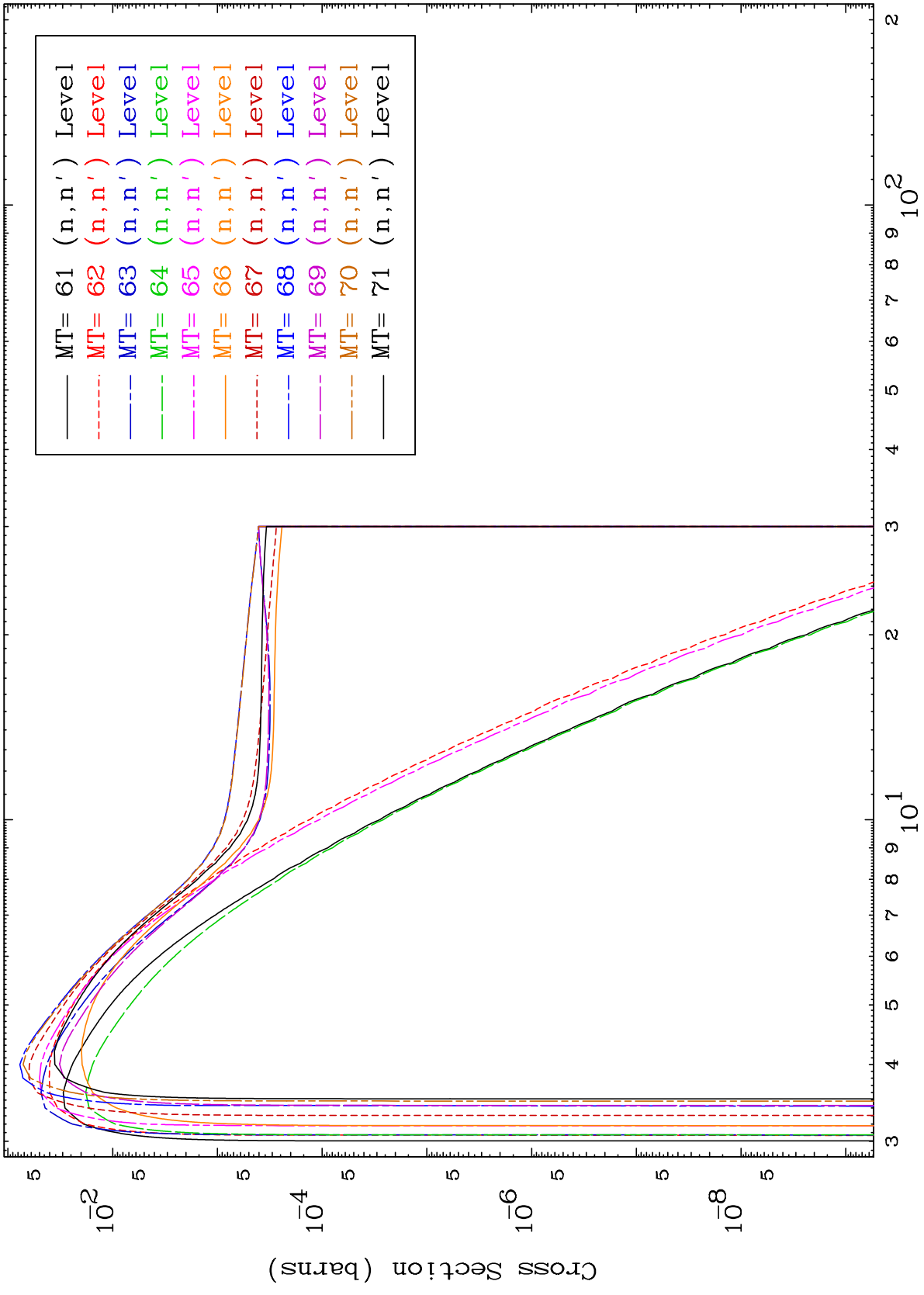
38-Sr-90

MAT 3843

(n,n') Level

38-Sr-90

293 Kelvin Cross Sections



8

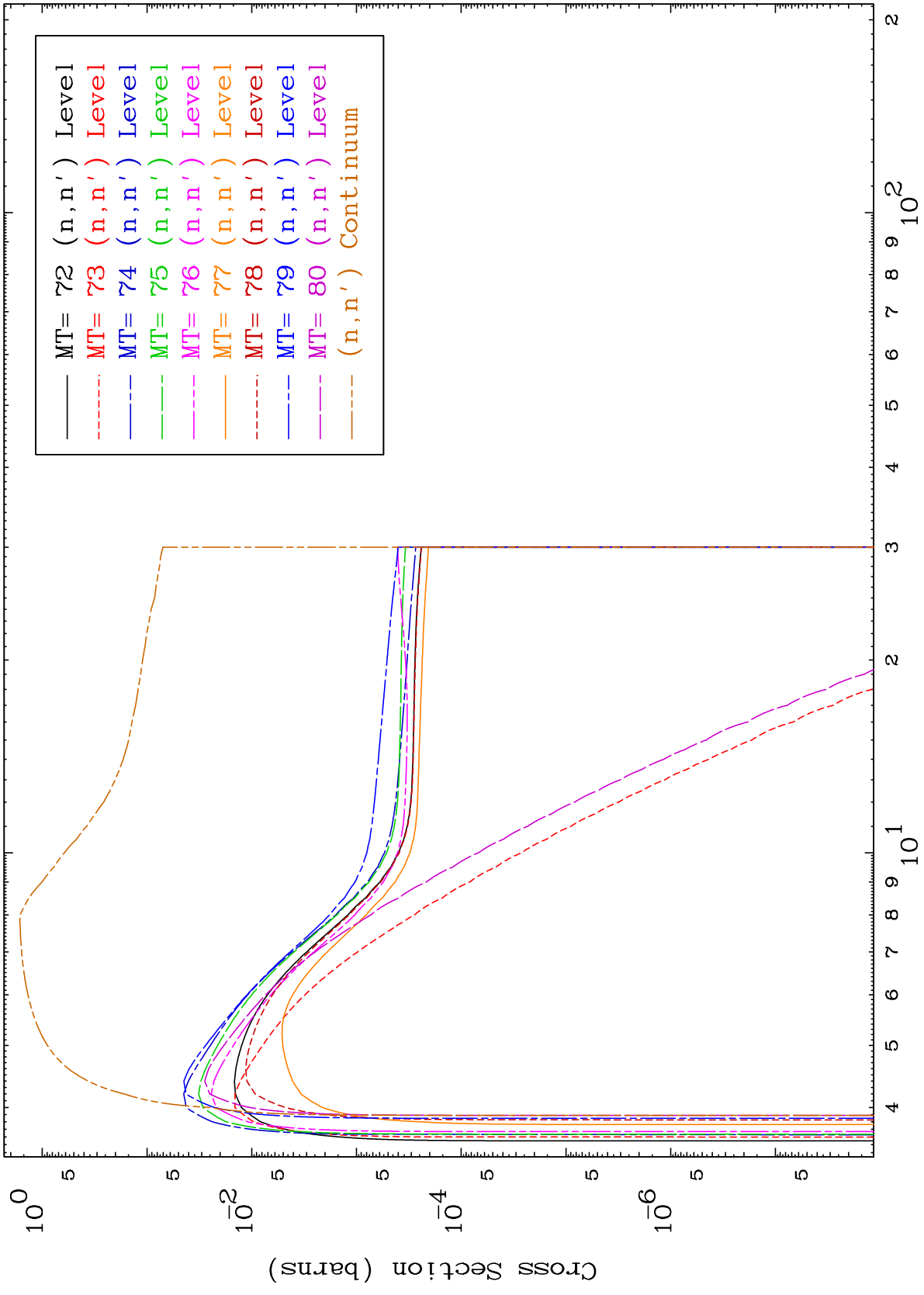
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,n') Level
293 Kelvin Cross Sections

38-Sr-90



9

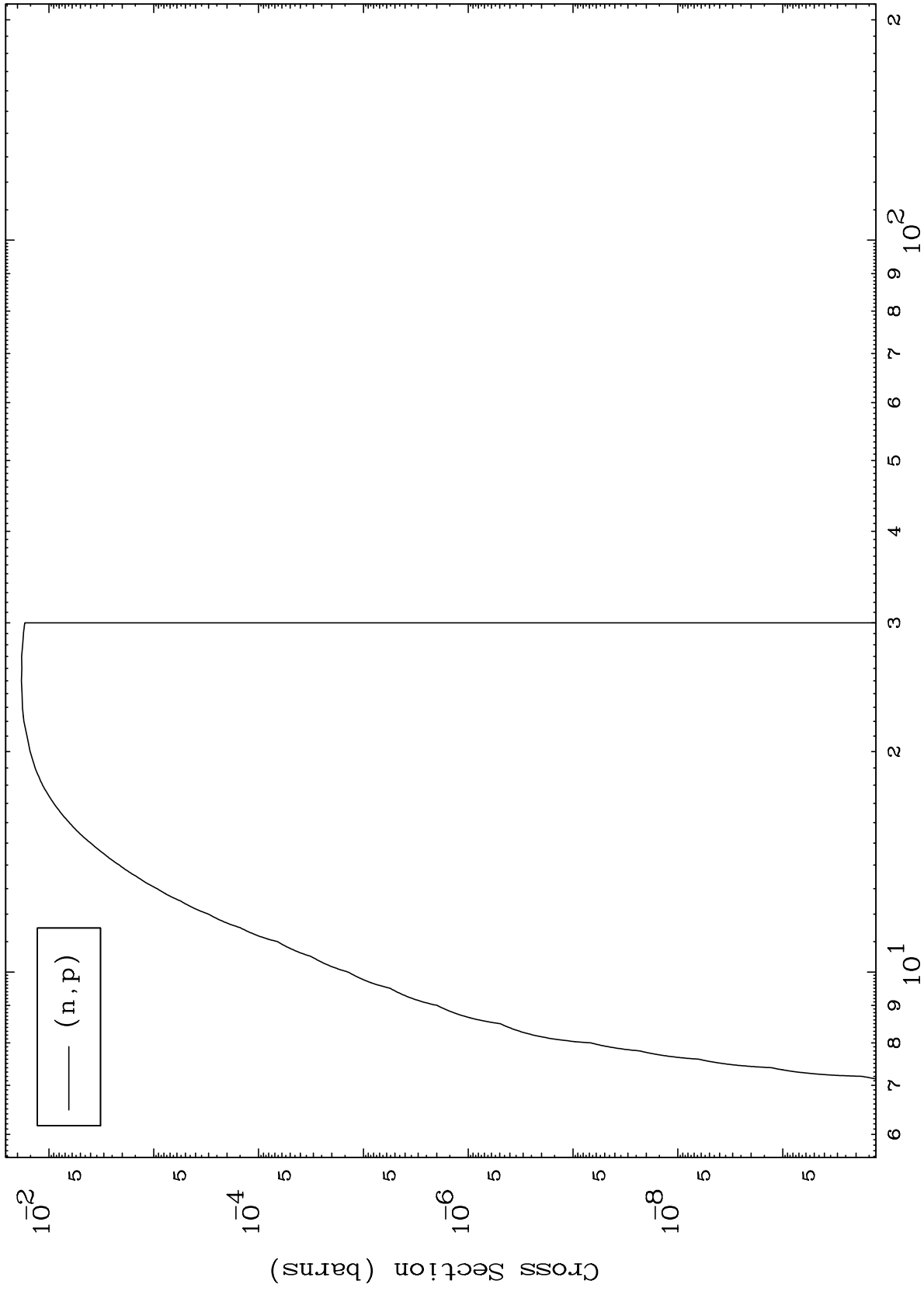
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

(n,p) Levels
293 Kelvin Cross Sections



38-Sr-90

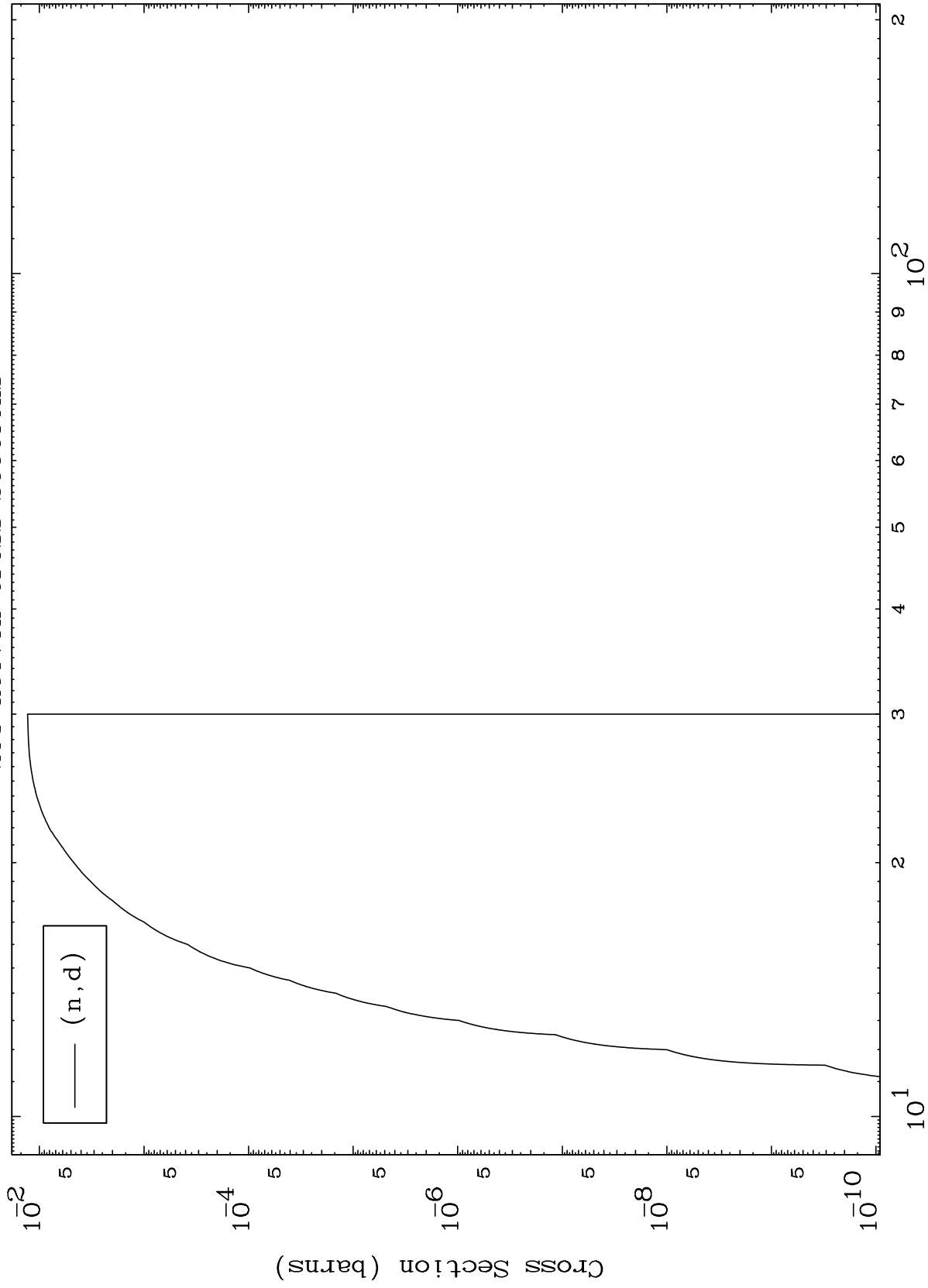
Incident Energy (MeV)

10

MAT 3843

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-90



11

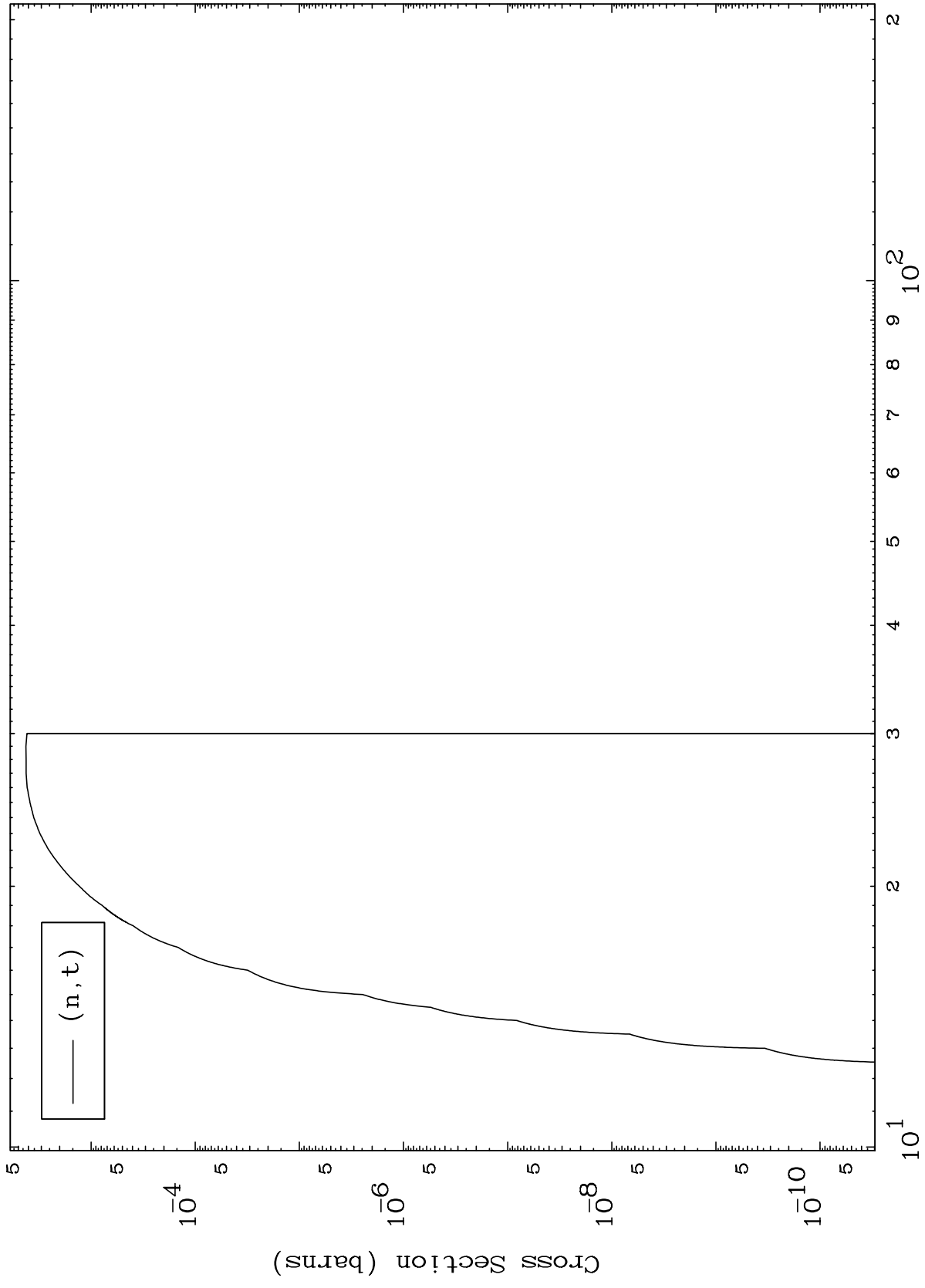
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-90



12

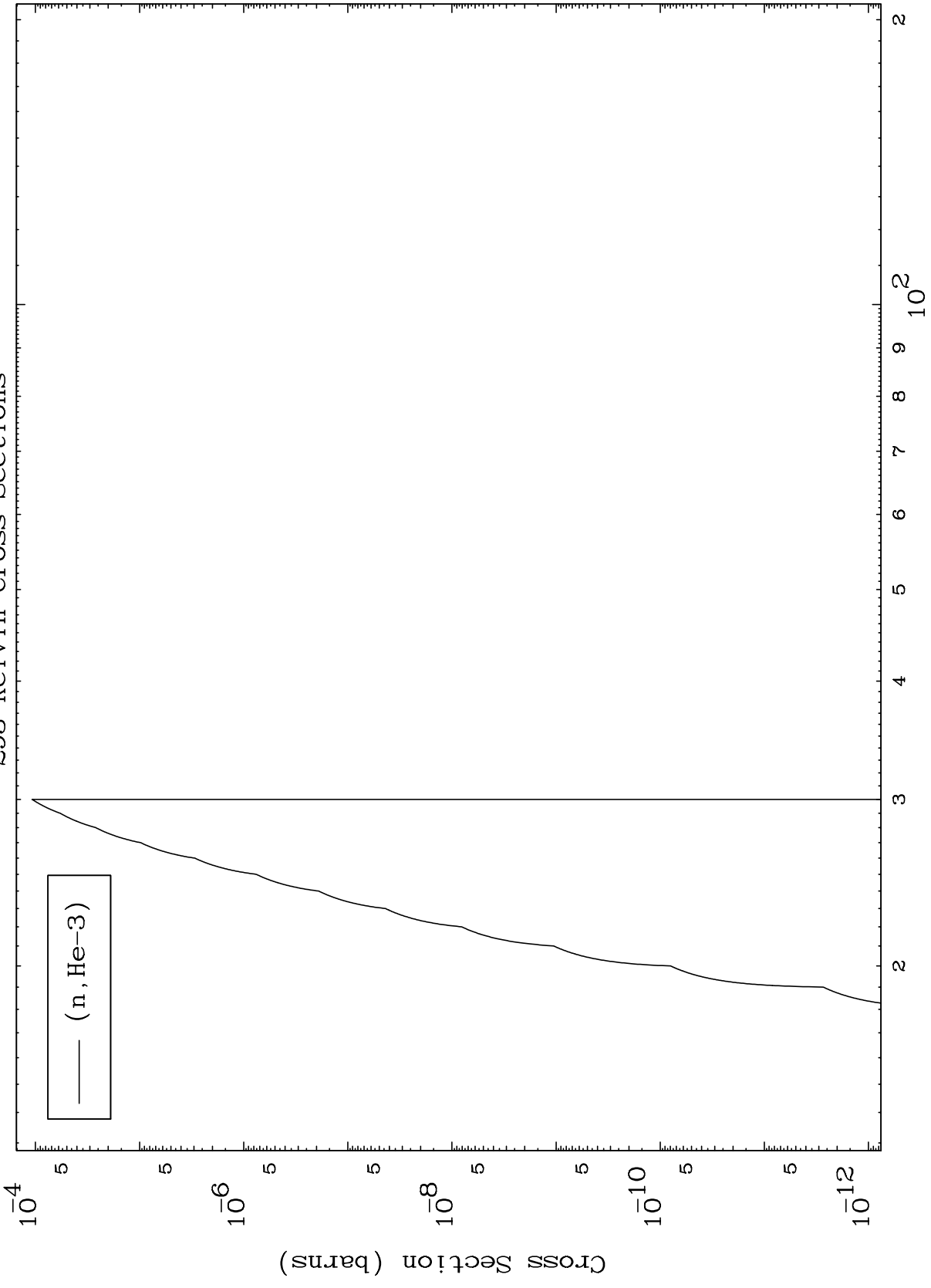
Incident Energy (MeV)

38-Sr-90

MAT 3843

(n,He3) Levels
293 Kelvin Cross Sections

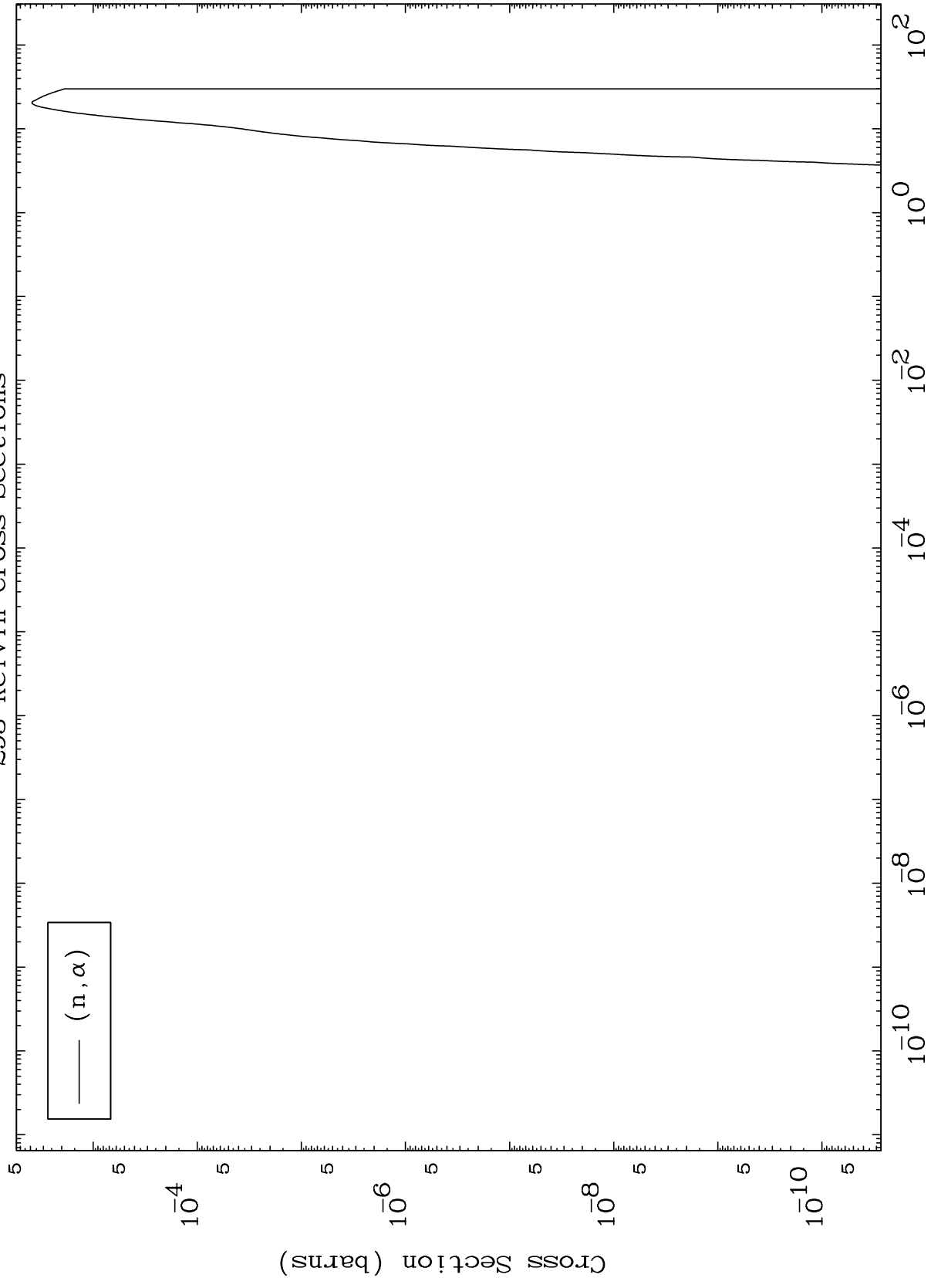
38-Sr-90

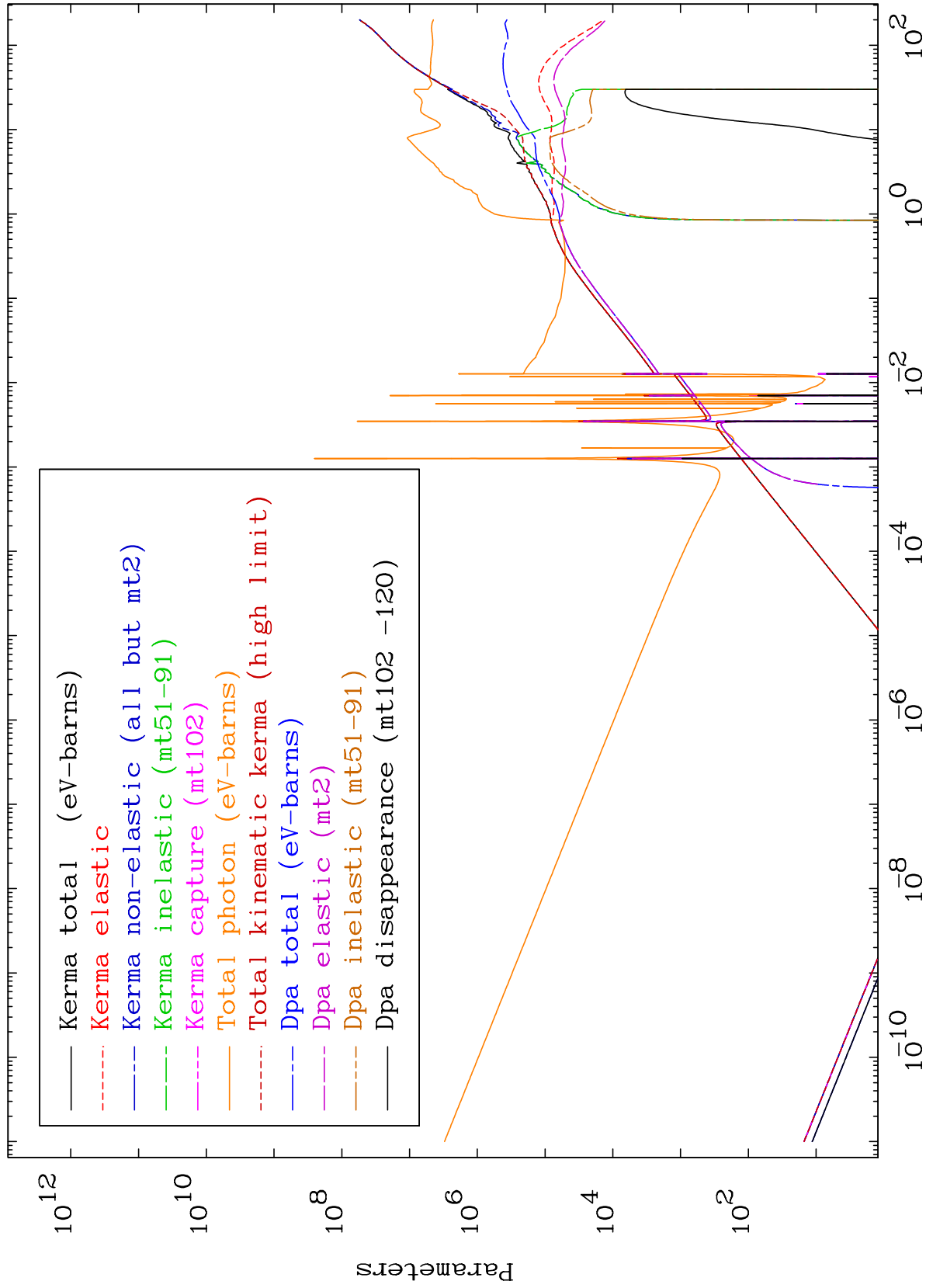


MAT 3843

(n,α) Levels
293 Kelvin Cross Sections

38-Sr-90

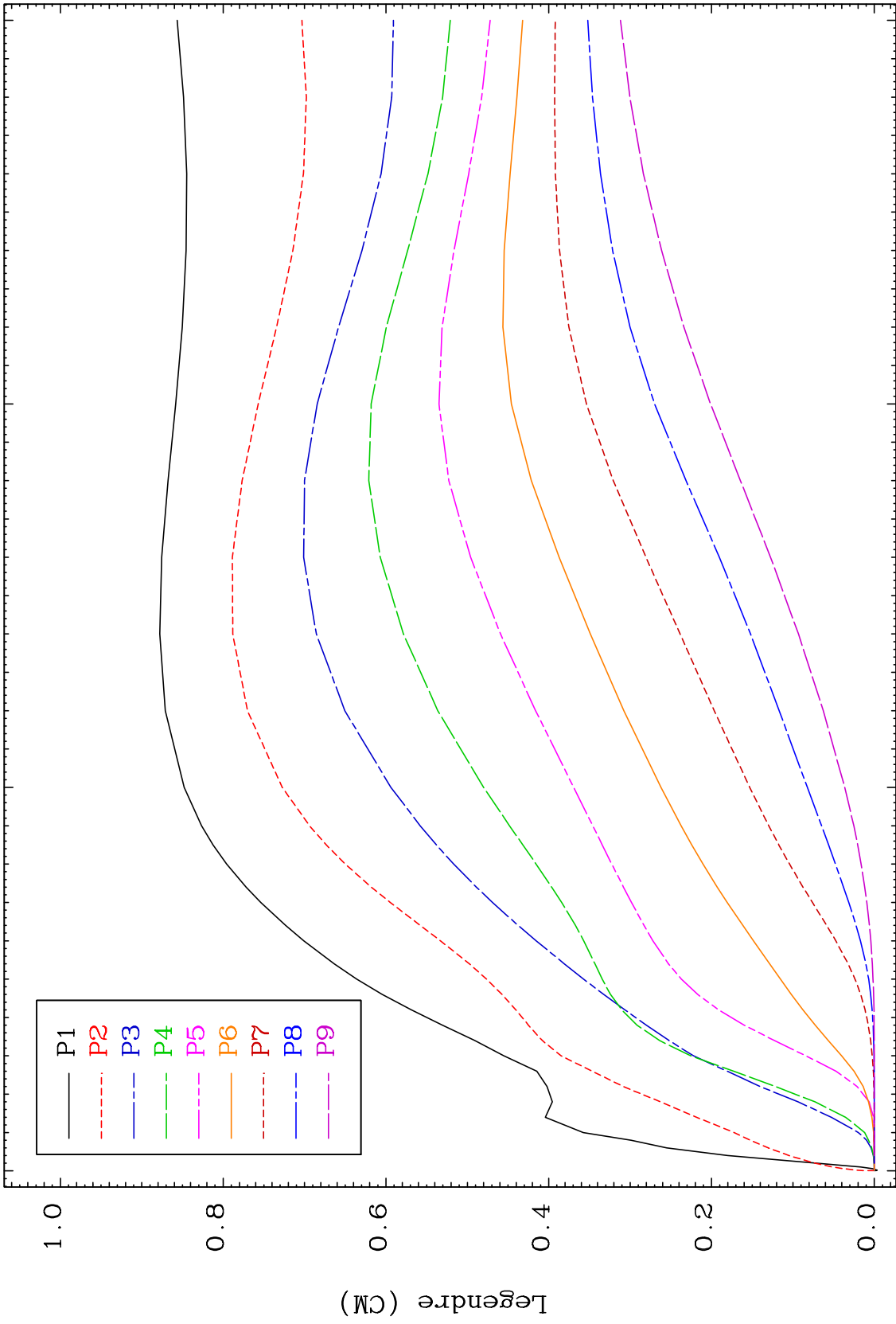




MAT 3843

Elastic Legendre Coefficients

³⁸Sr-90



16

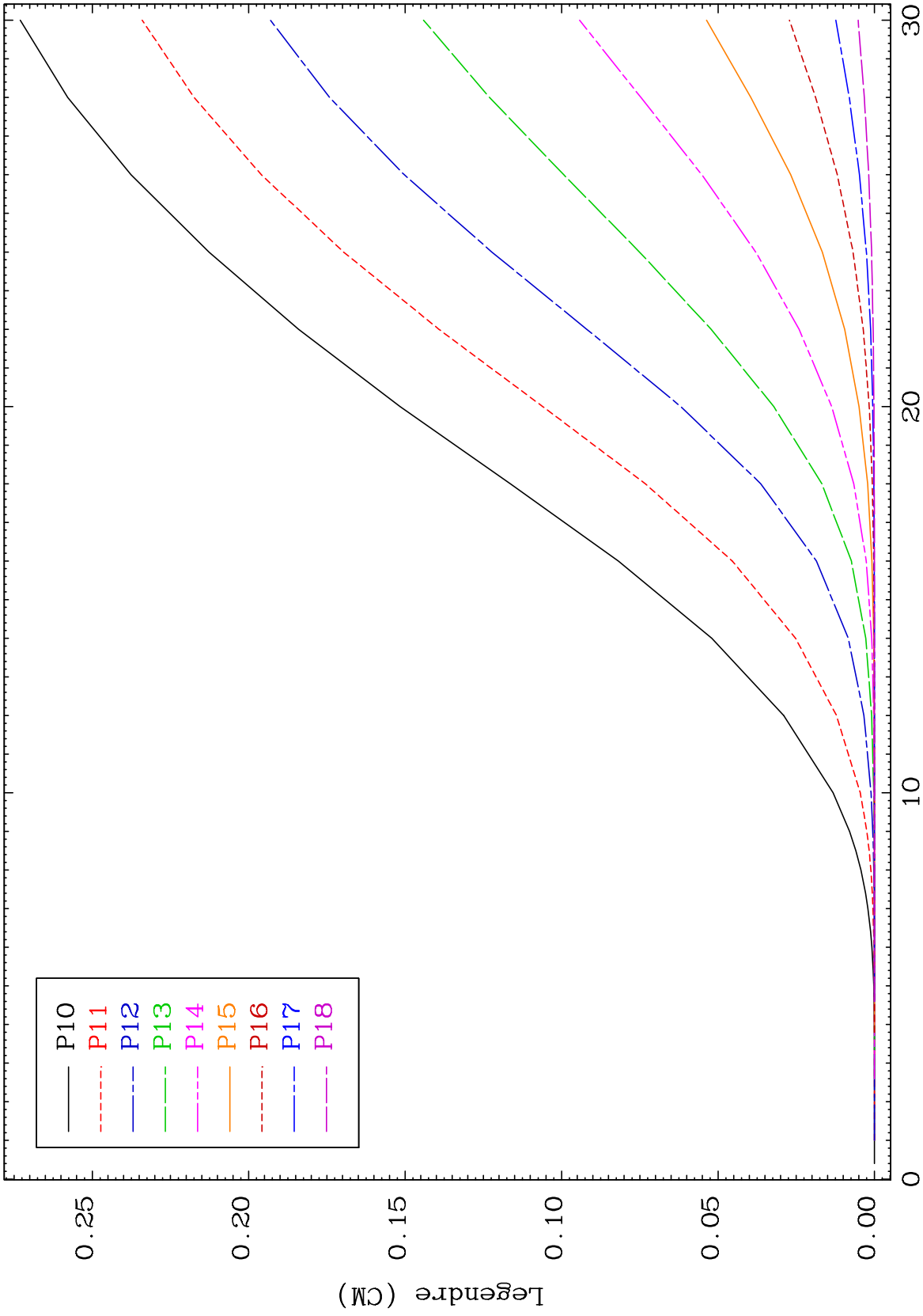
Incident Energy (MeV)

³⁸Sr-90

MAT 3843

Elastic Legendre Coefficients

³⁸Sr-90



17

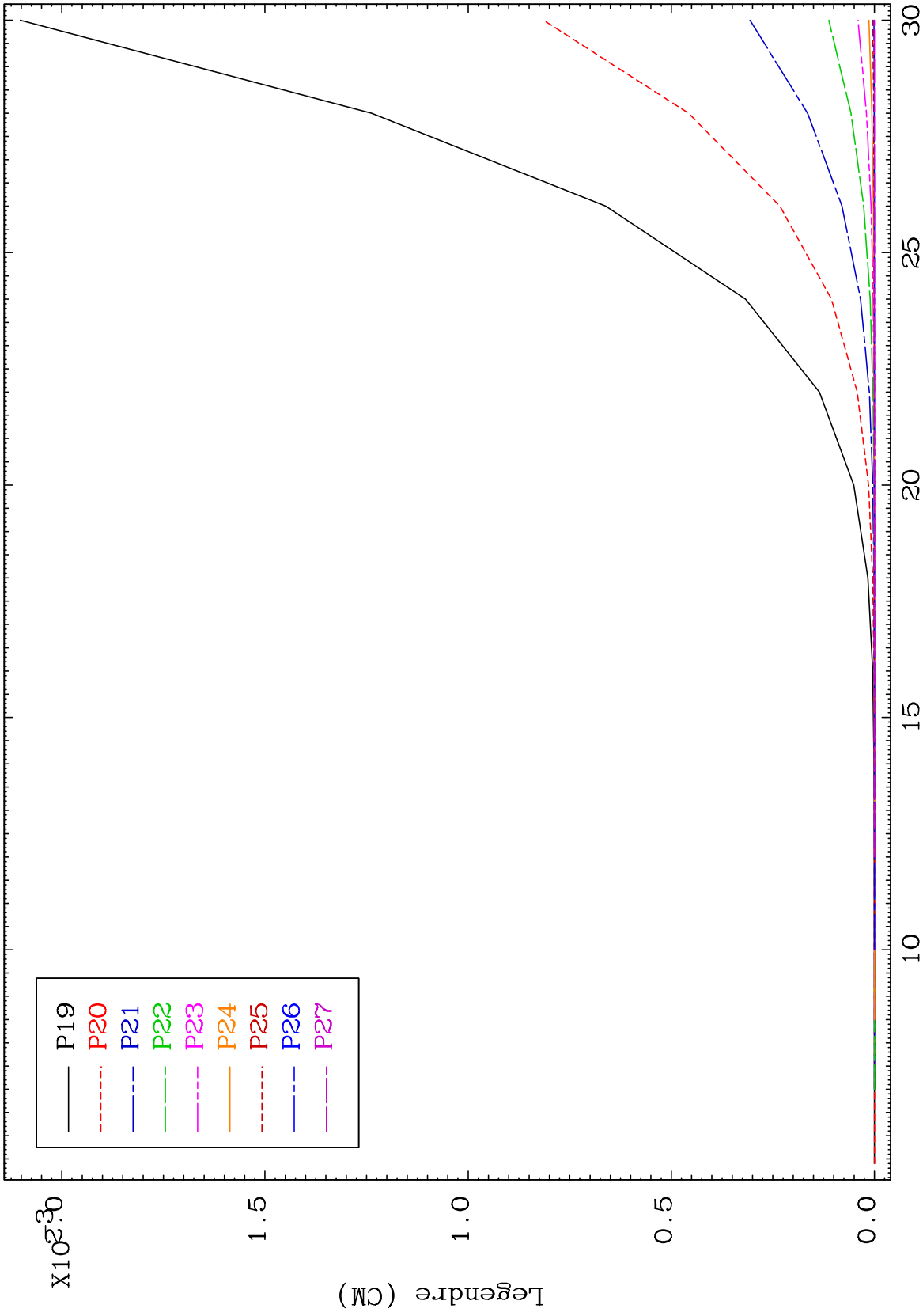
Incident Energy (MeV)

³⁸Sr-90

MAT 3843

Elastic Legendre Coefficients

38-Sr-90



18

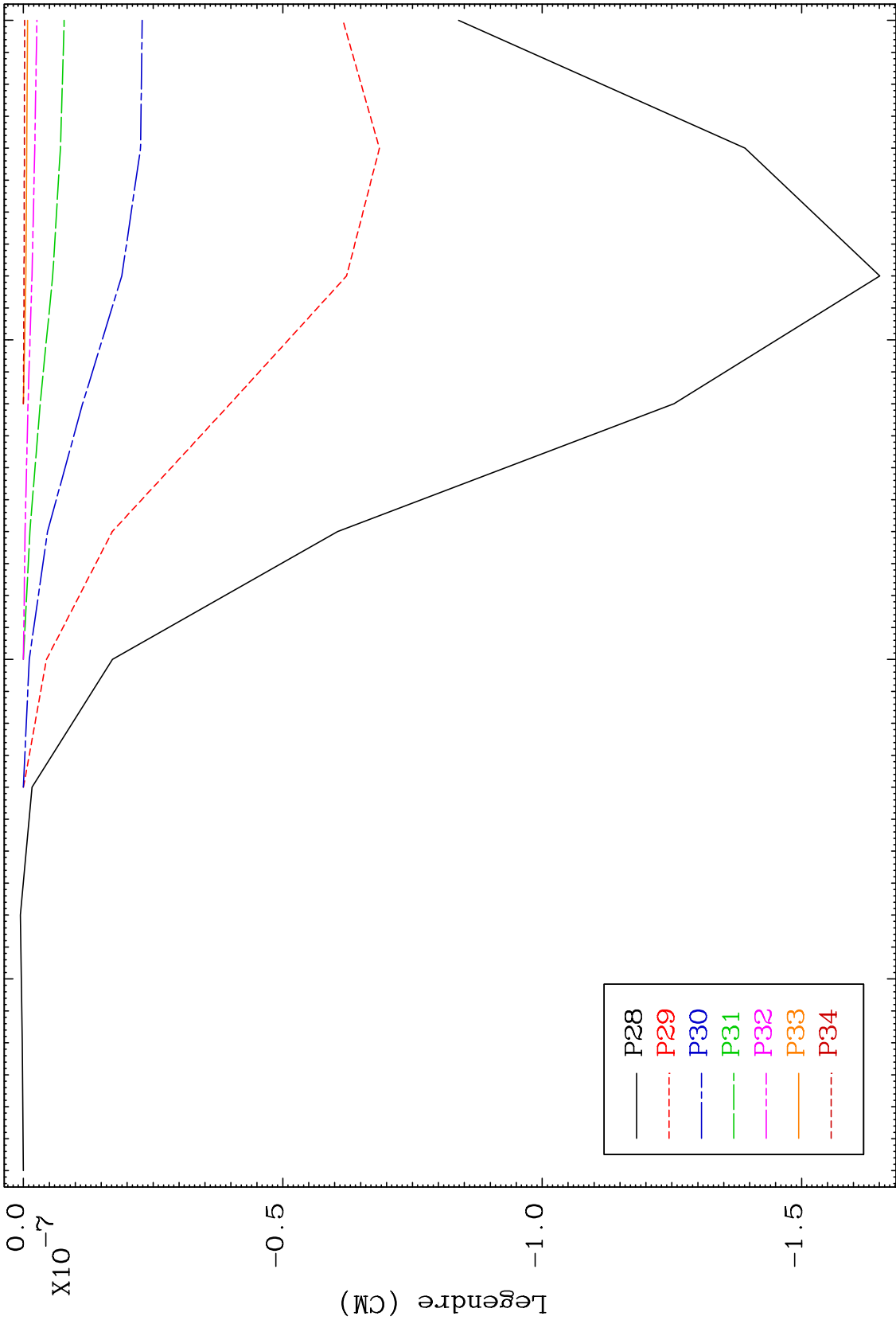
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

Elastic Legendre Coefficients

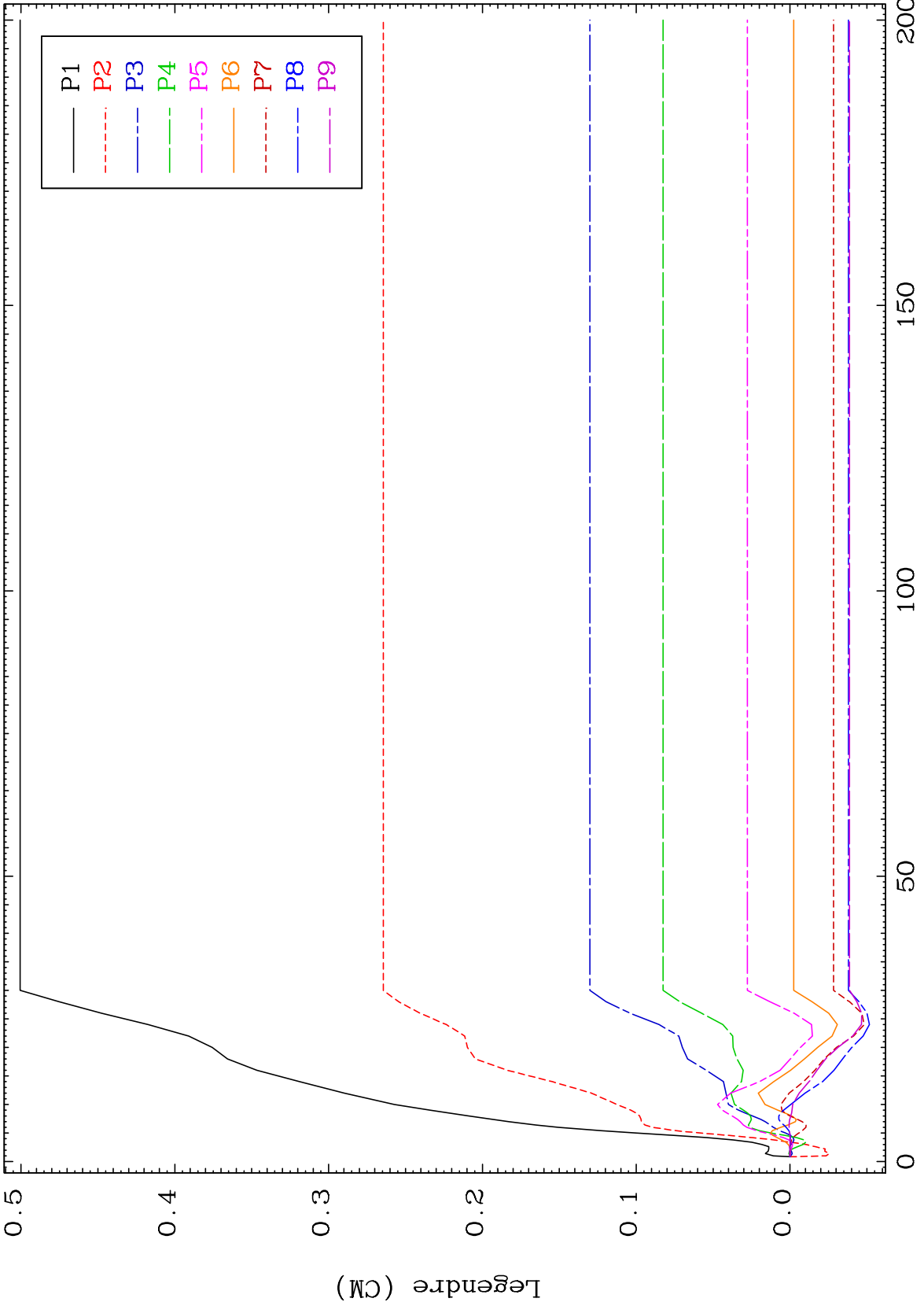


19

Incident Energy (MeV)

38-Sr-90

MAT 3843 MT= 51 (n,n') Level Legendre Coefficients 38-Sr-90

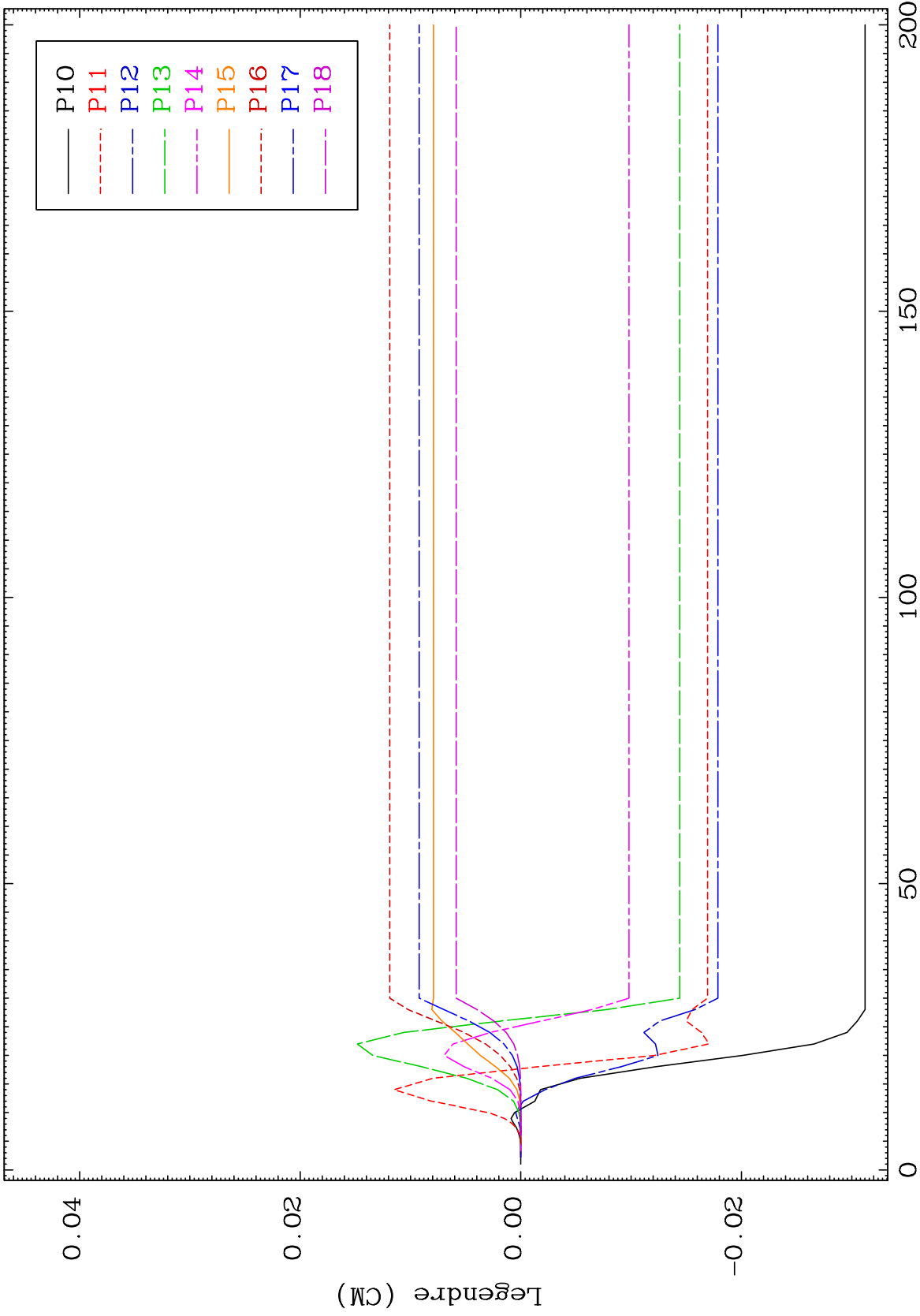


Legendre (CM) Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90



21

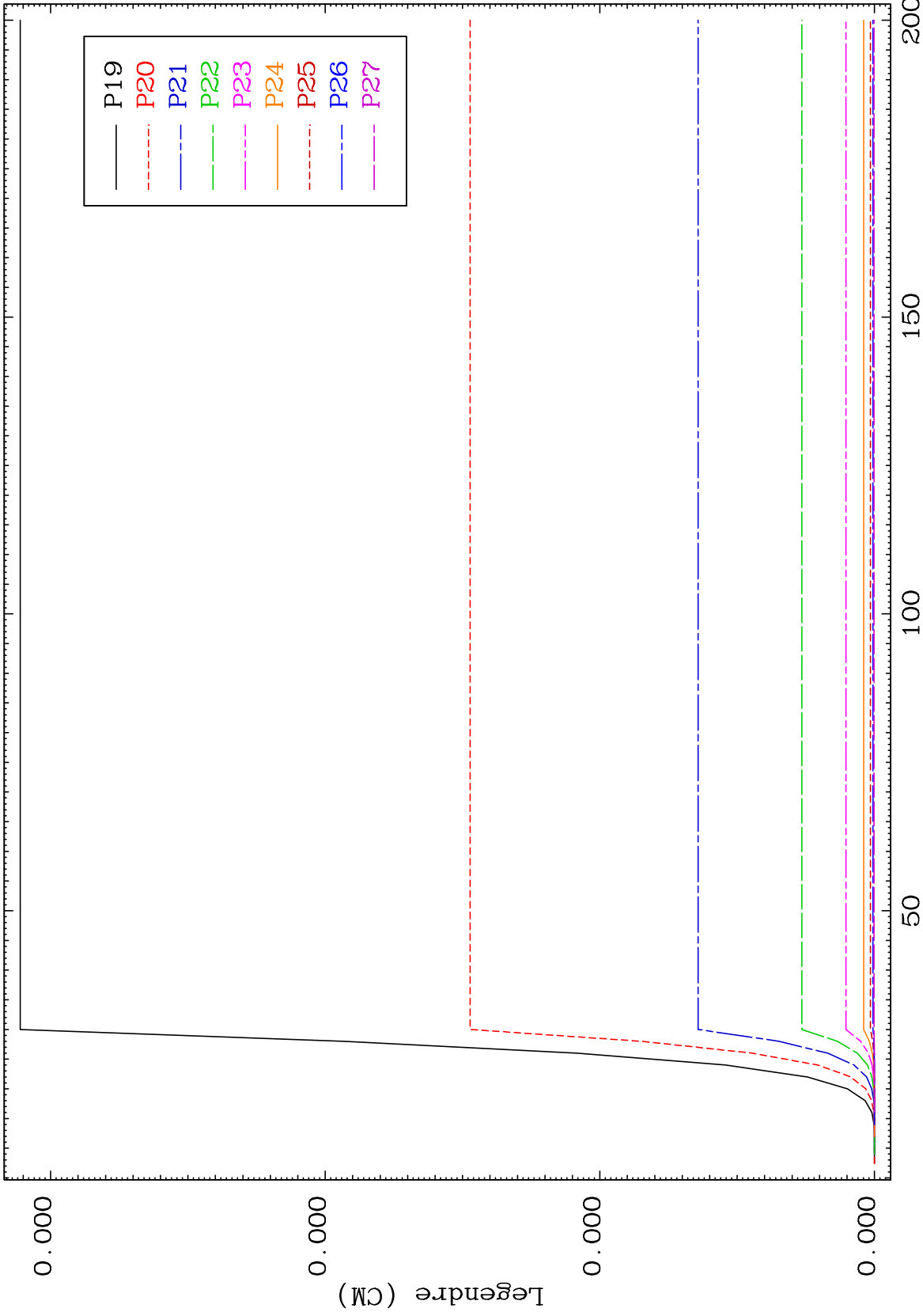
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



22

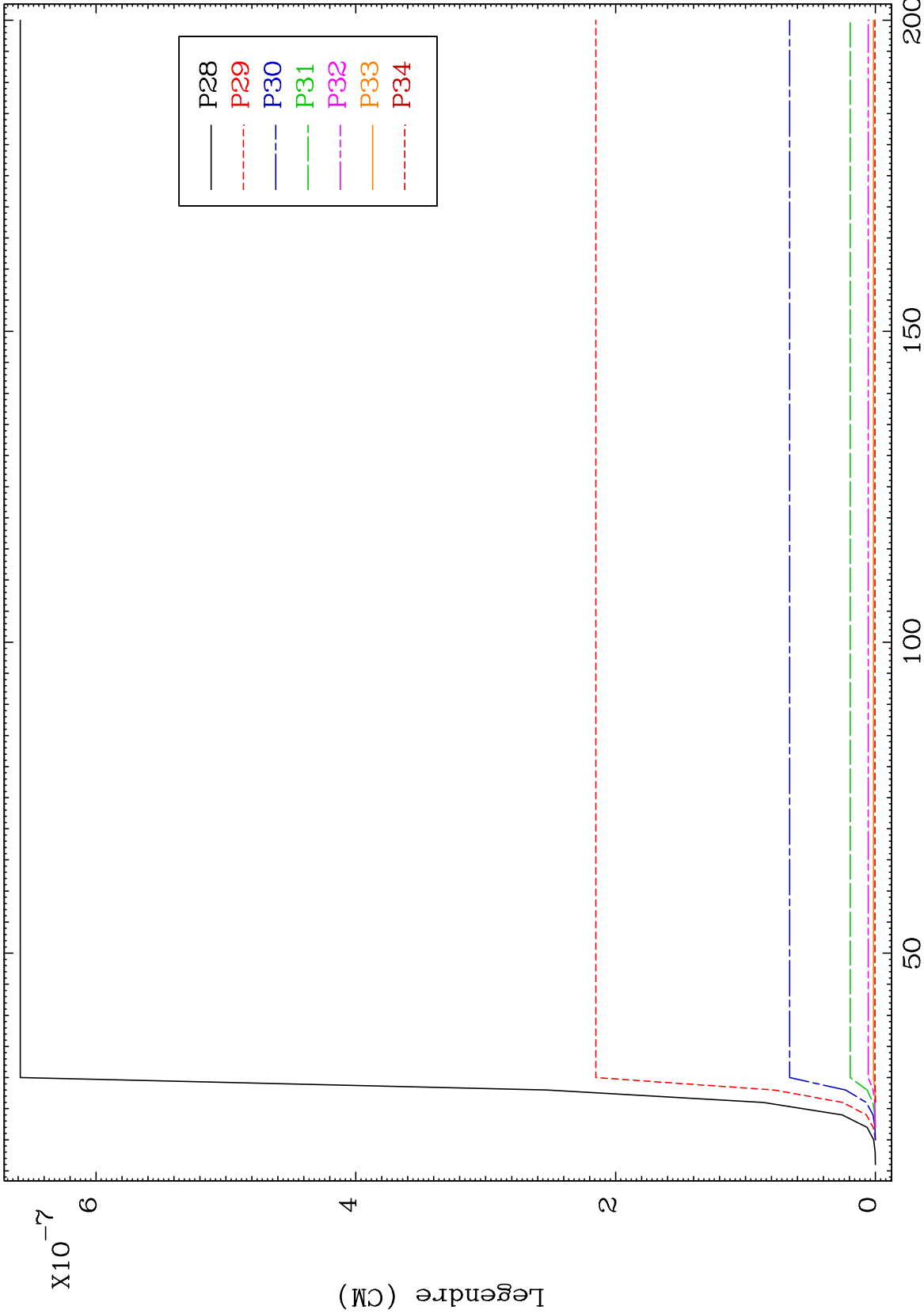
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



23

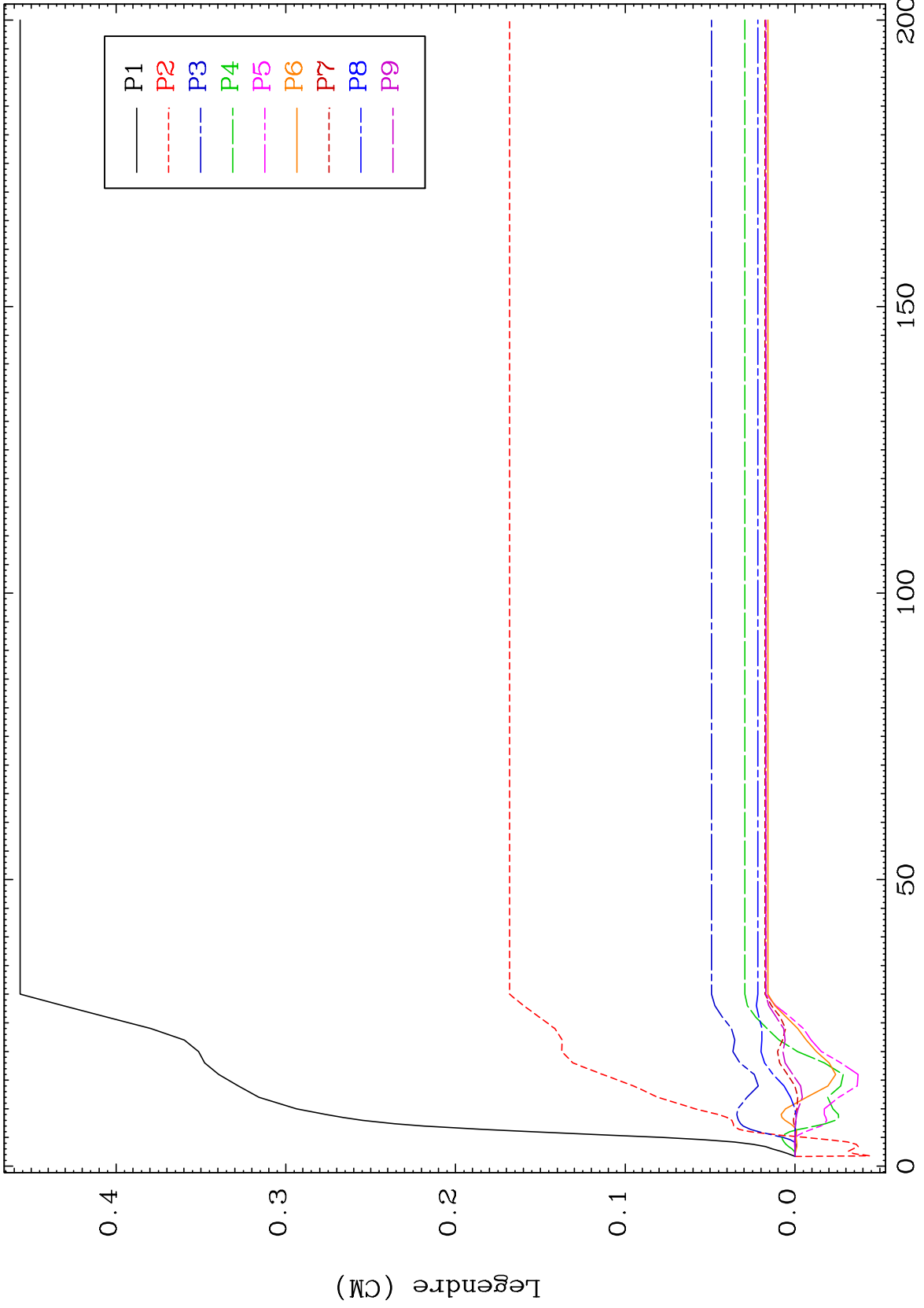
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



24

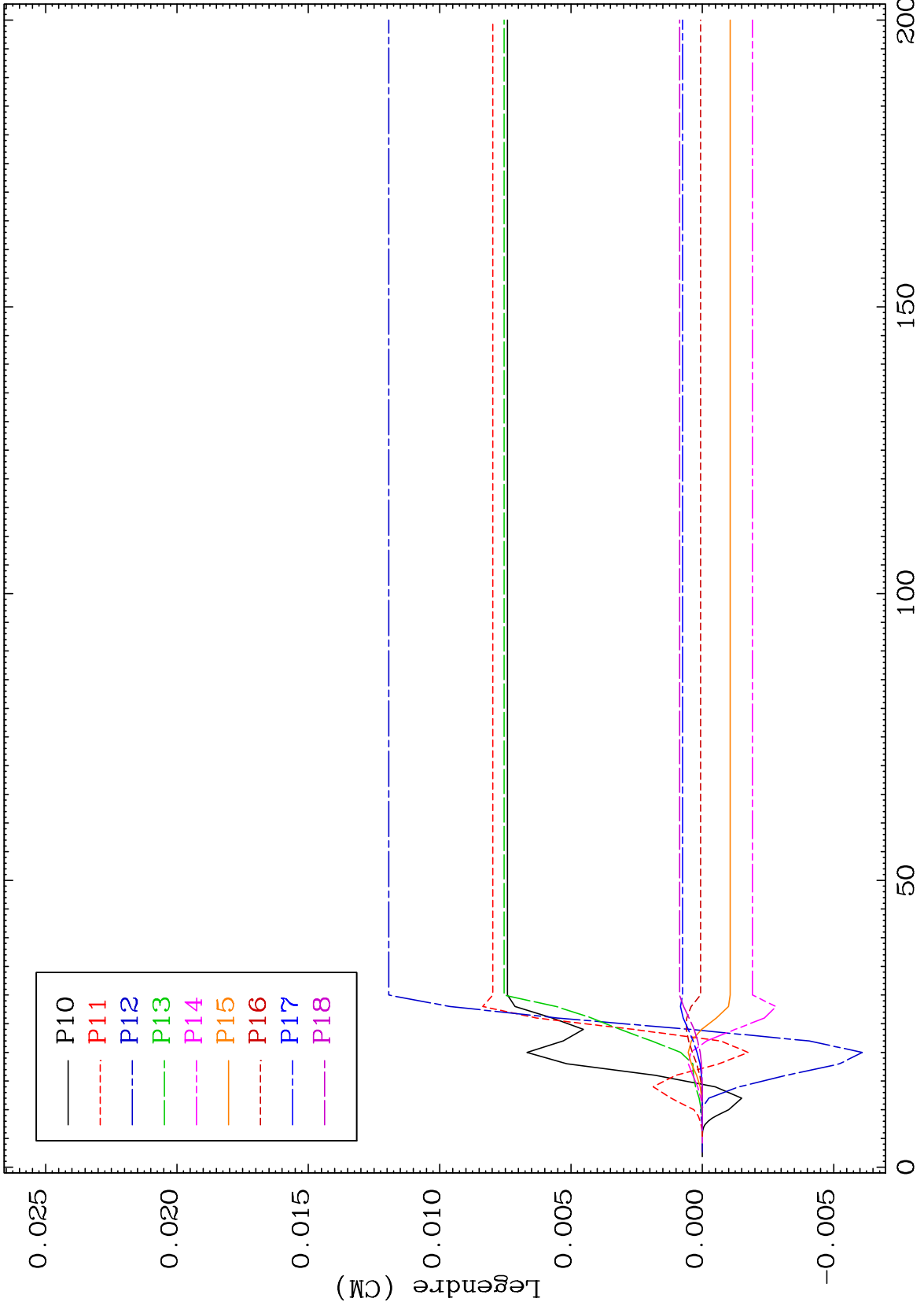
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



25

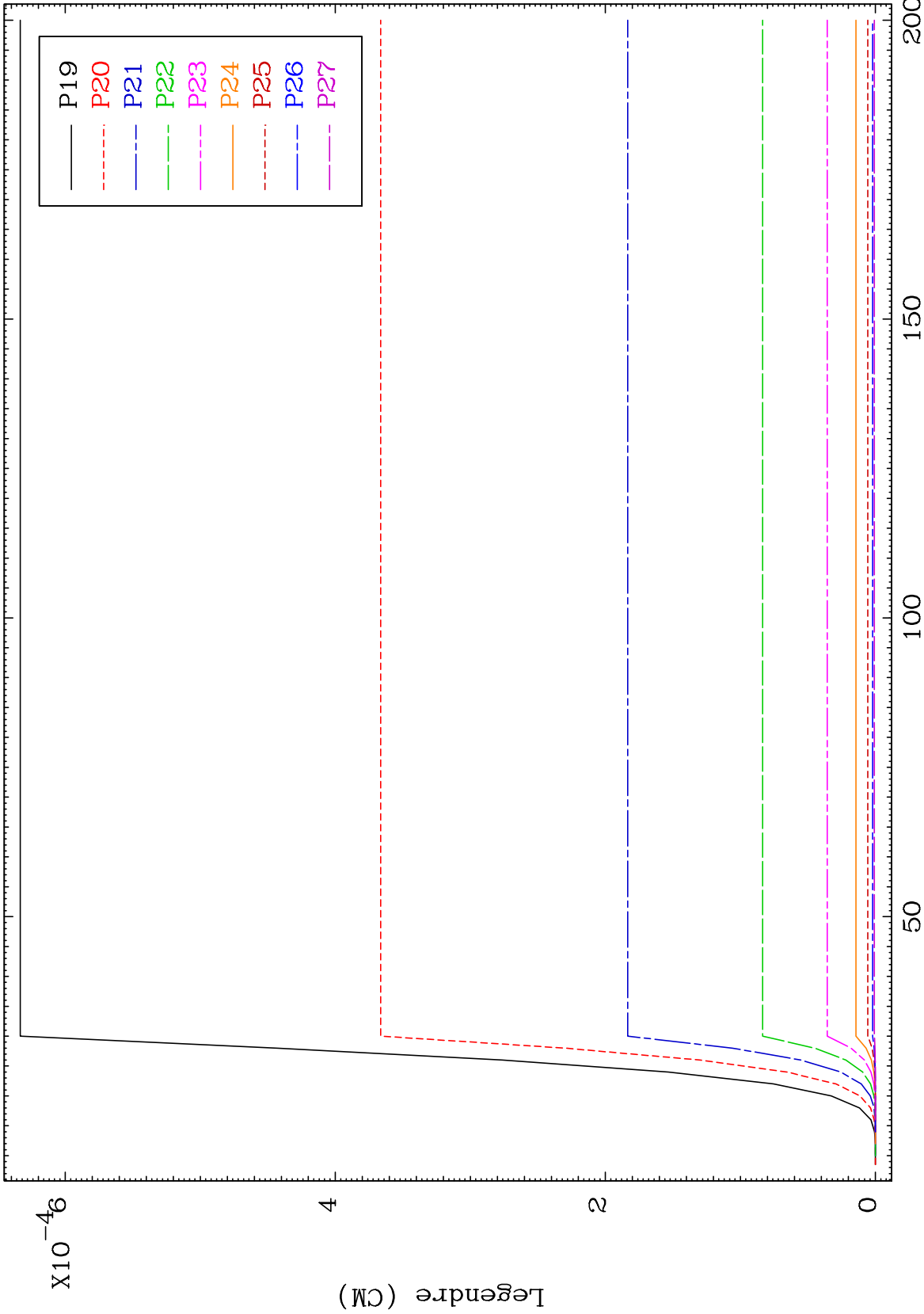
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



26

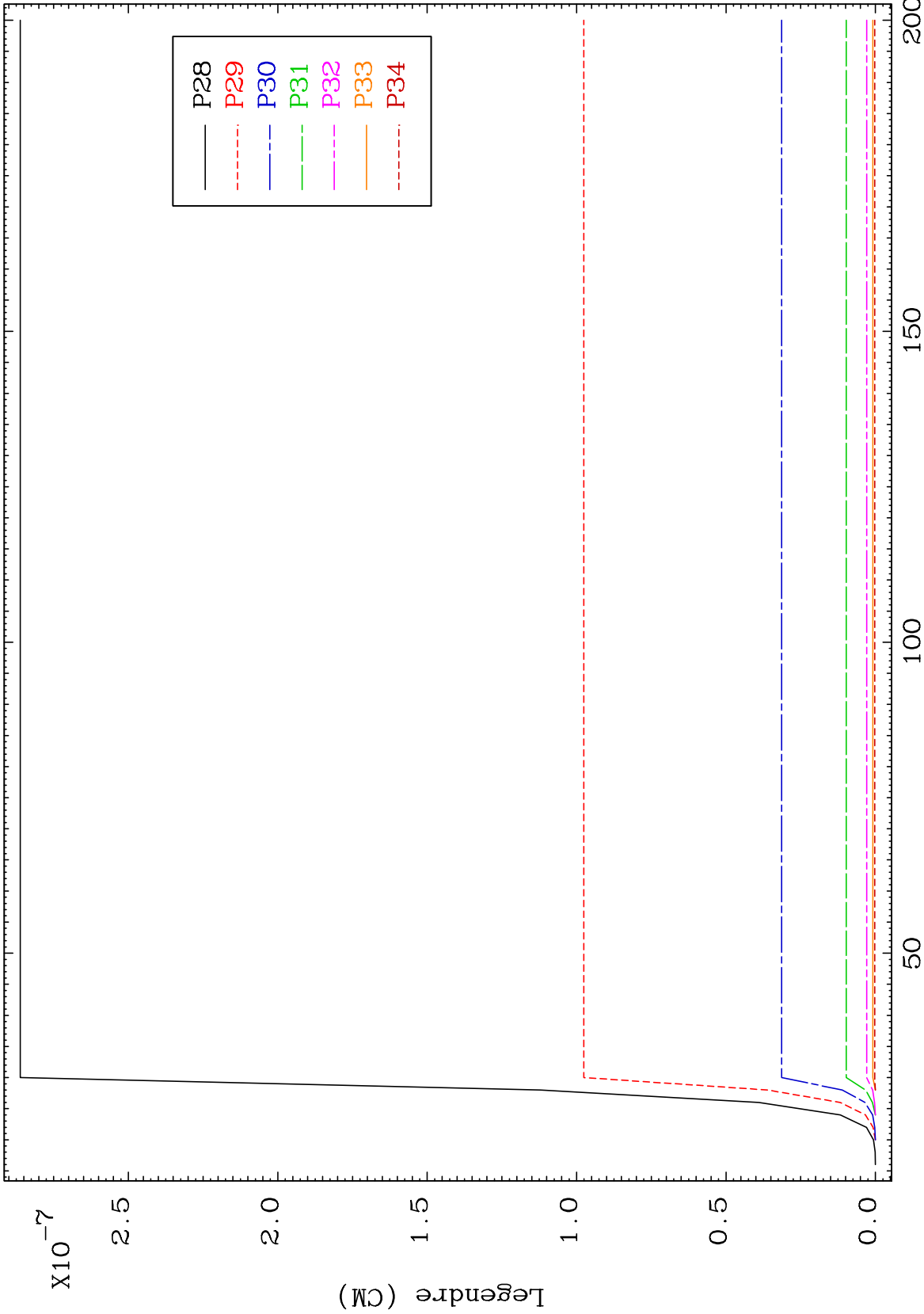
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

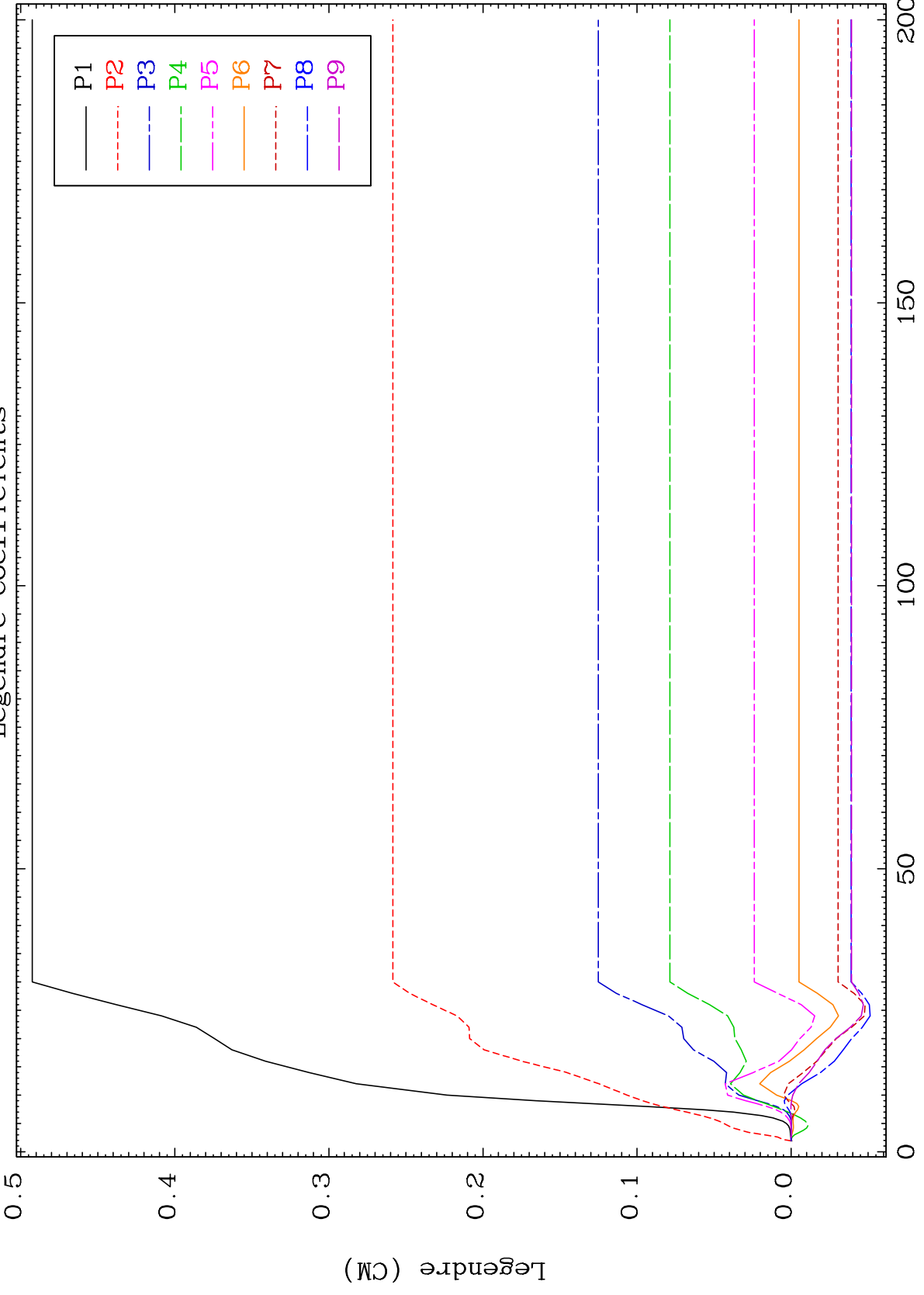
38-Sr-90



27

38-Sr-90

MAT 3843 MT= 53 (n,n') Level Legendre Coefficients 38-Sr-90

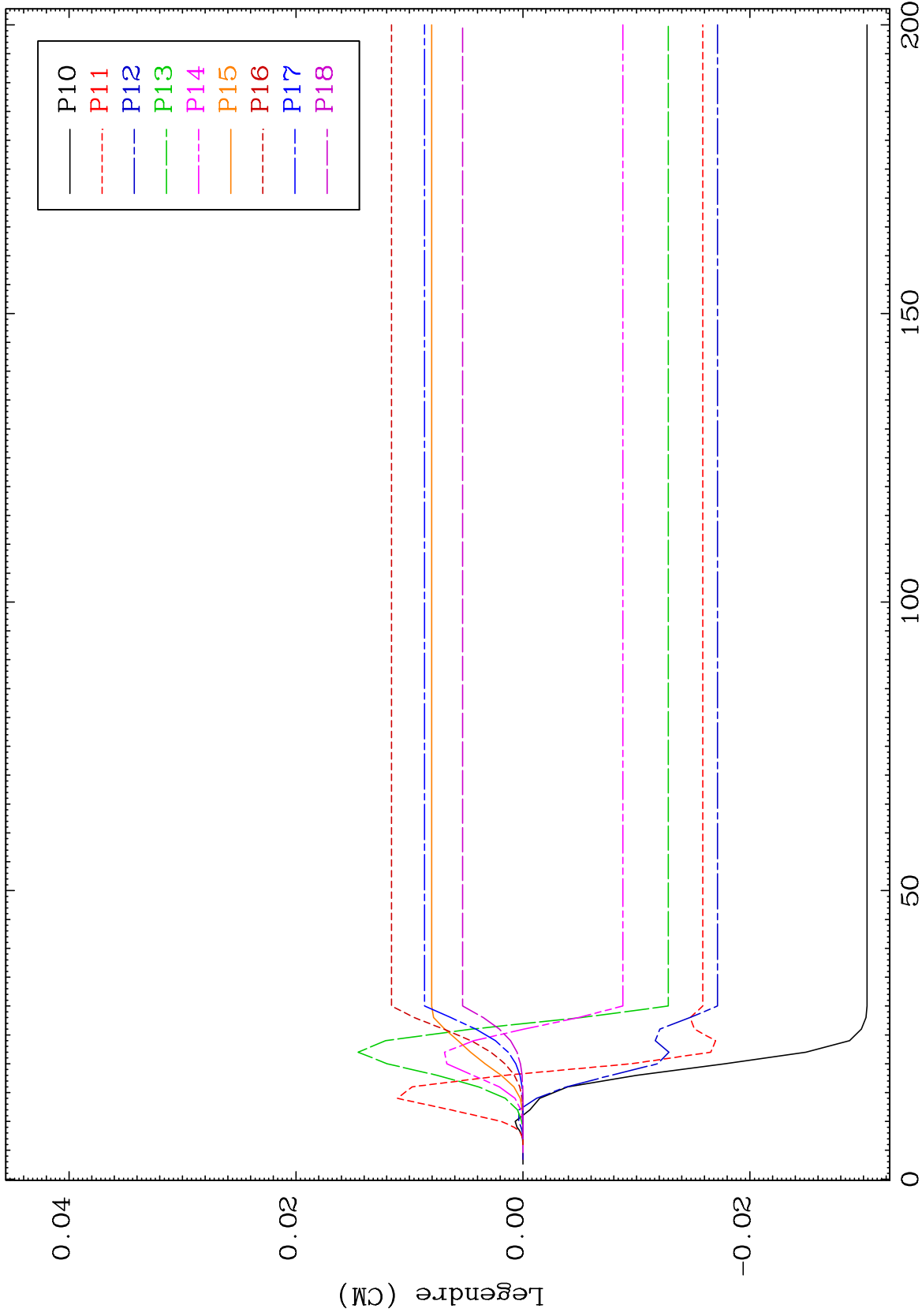


38-Sr-90

MAT 3843

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

38-Sr-90



29

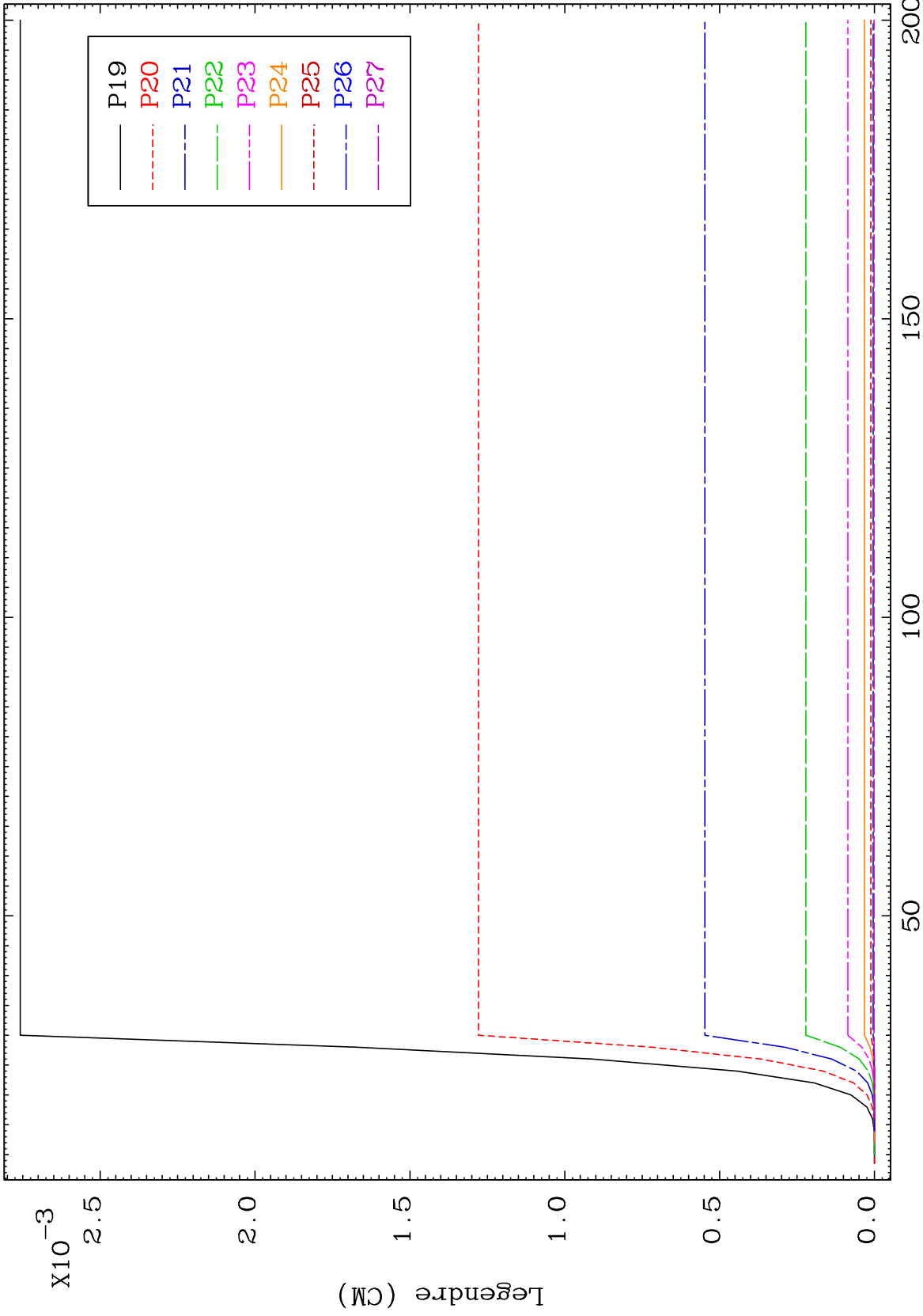
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



30

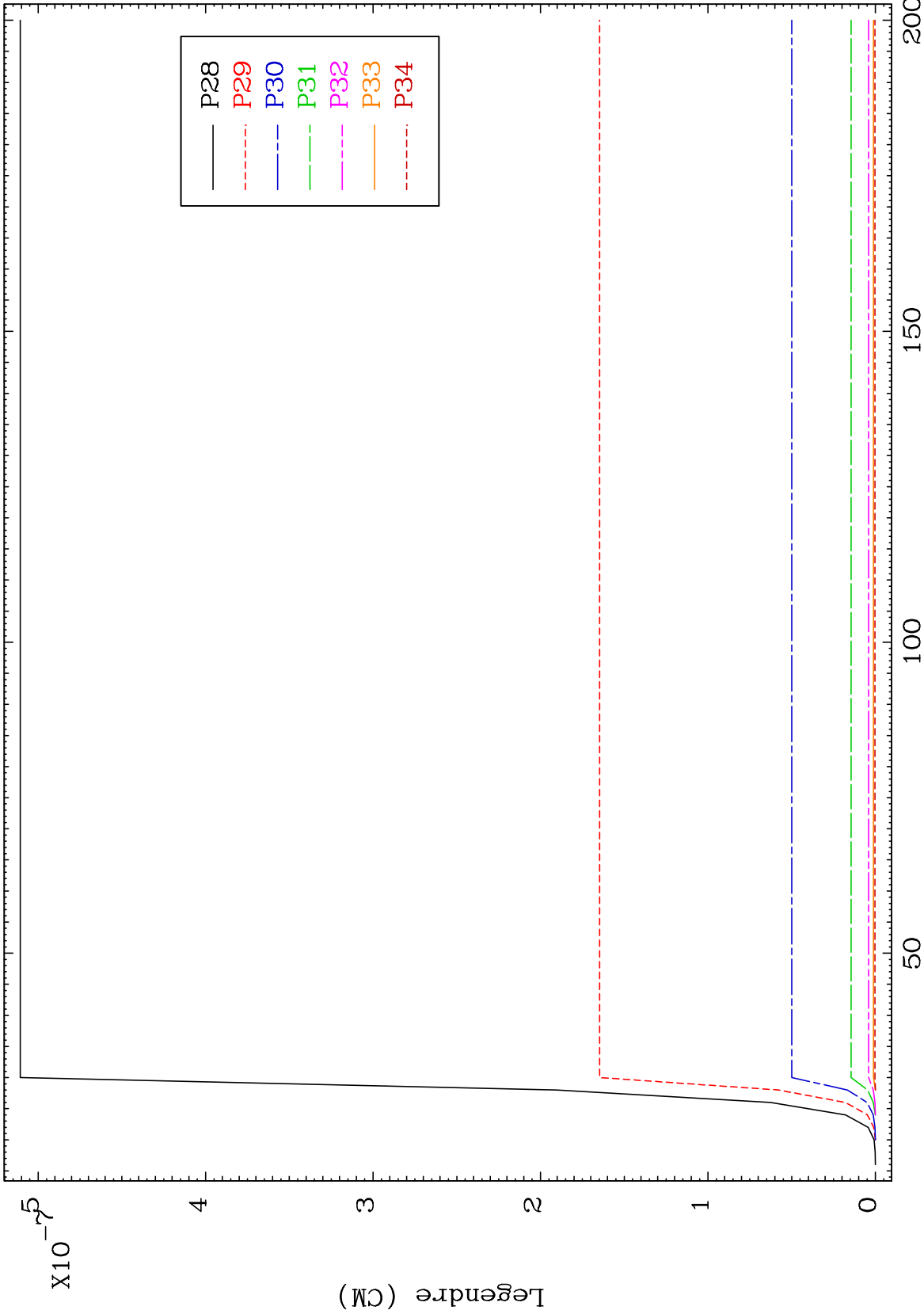
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



31

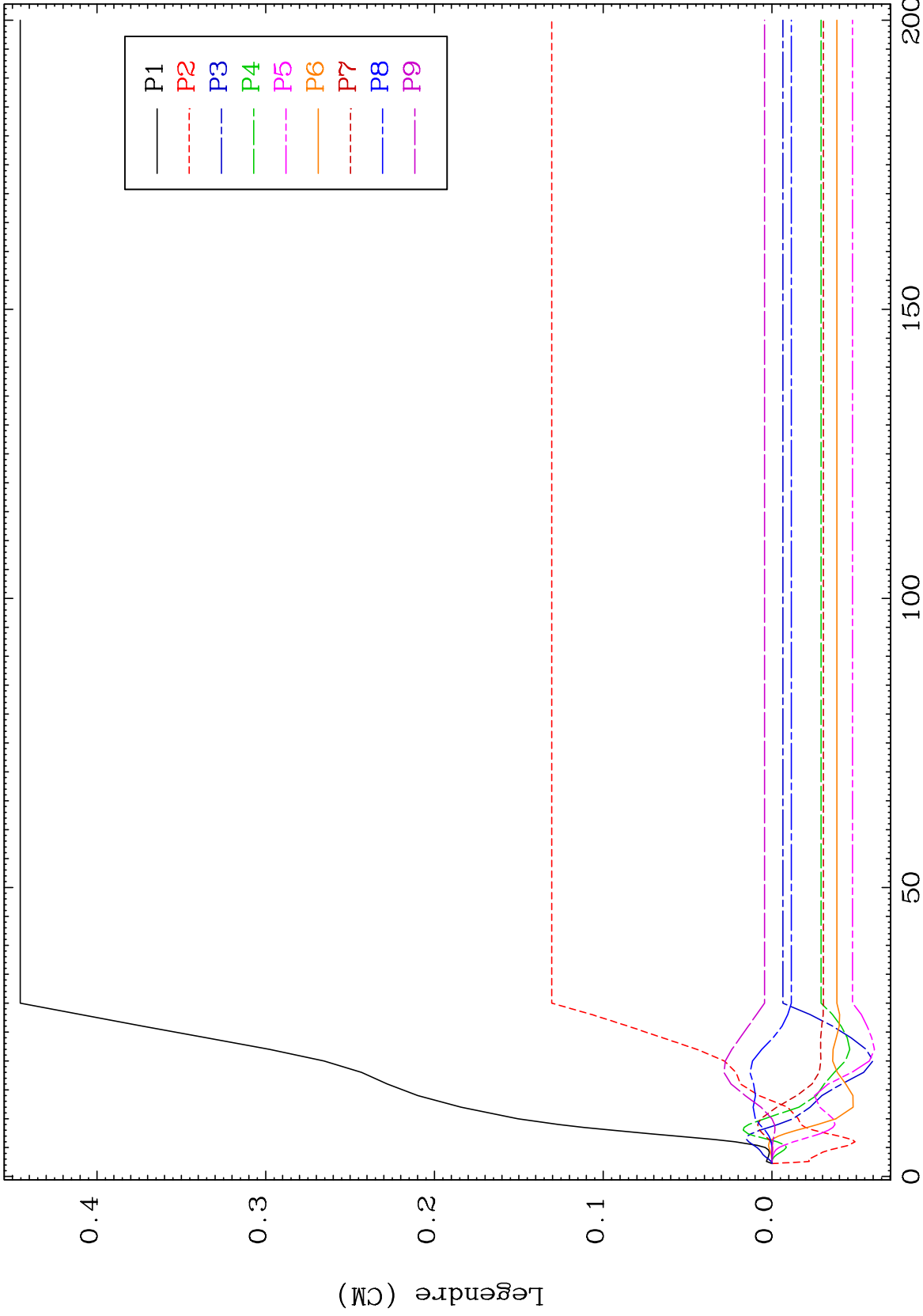
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



32

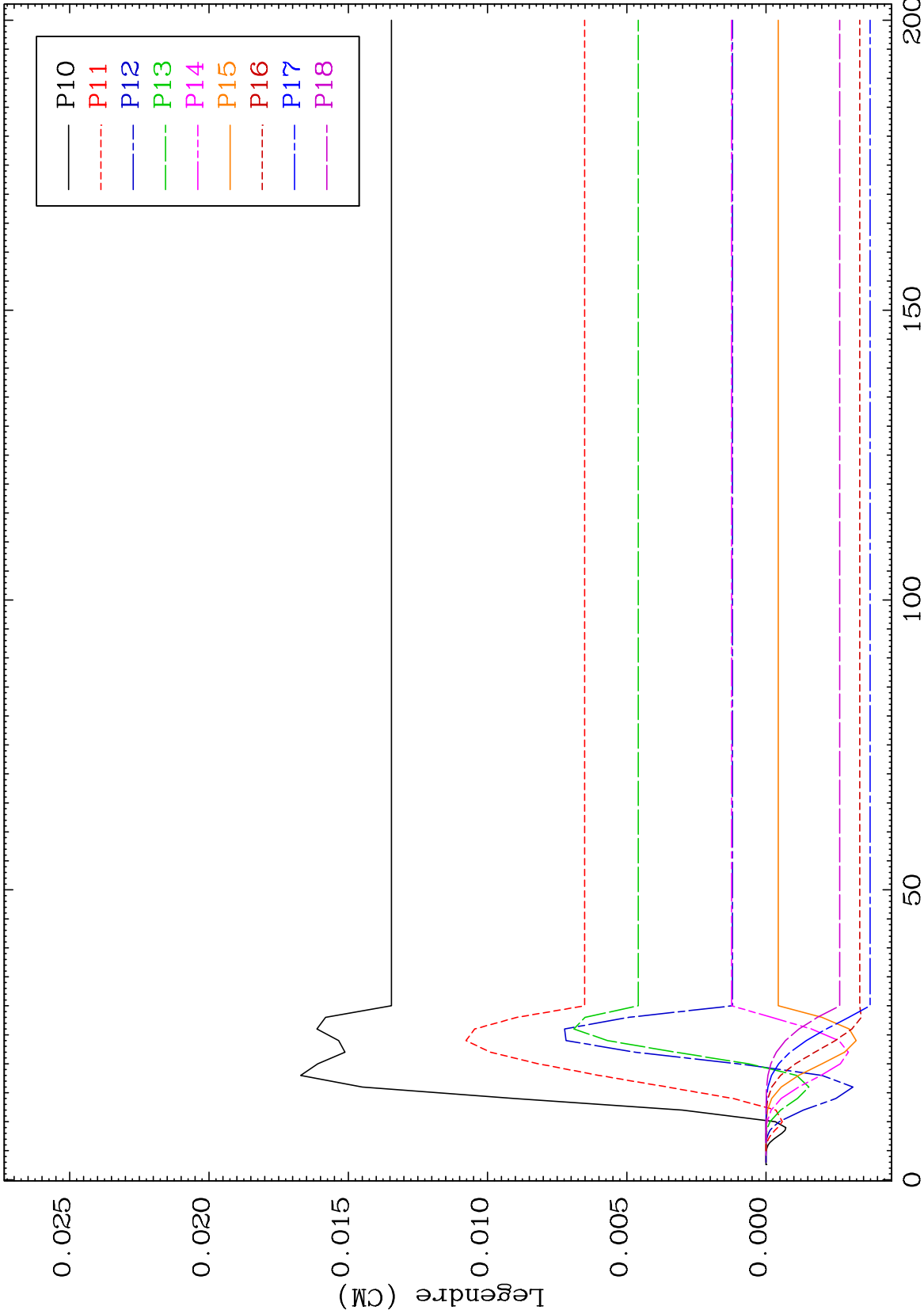
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



33

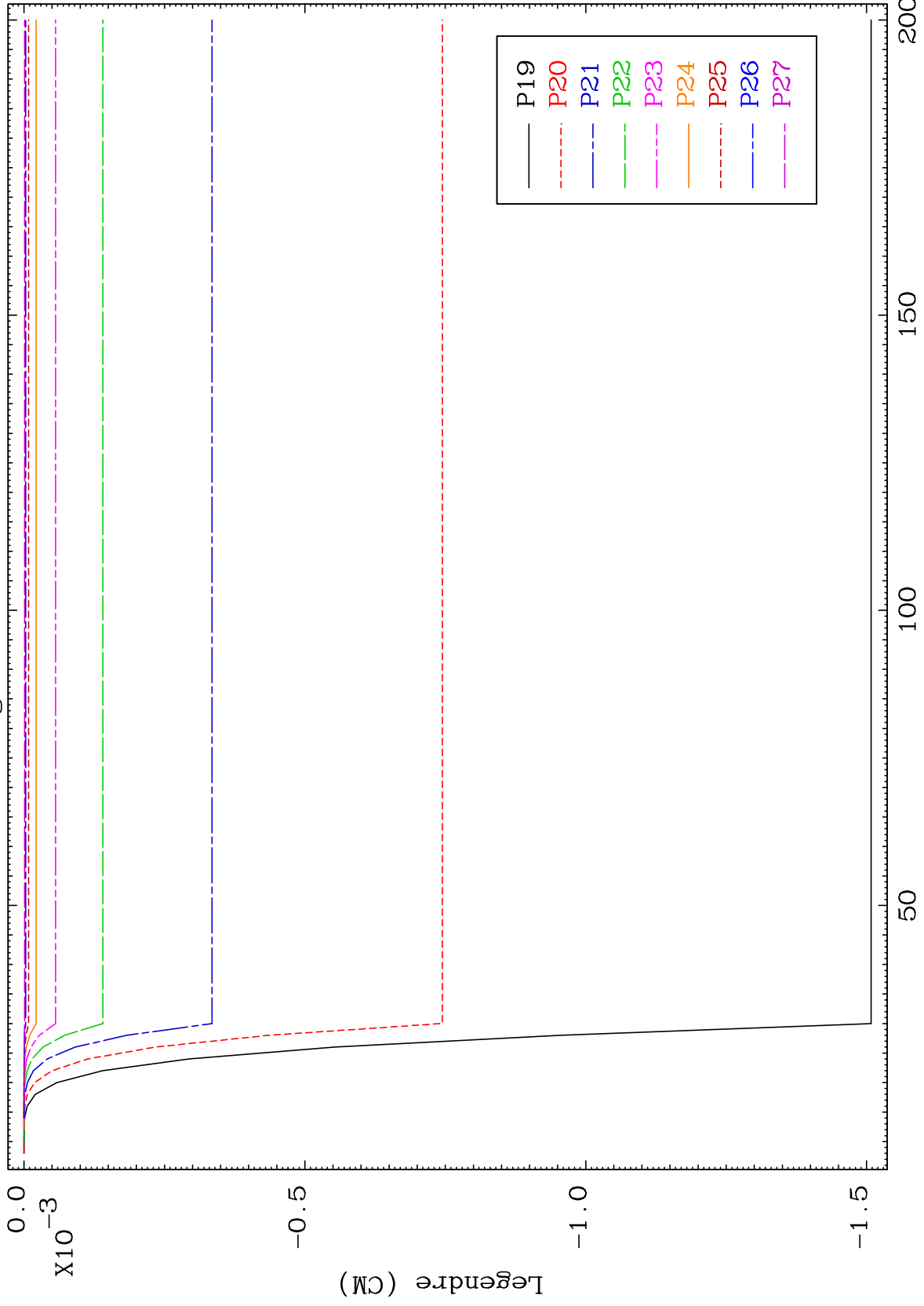
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

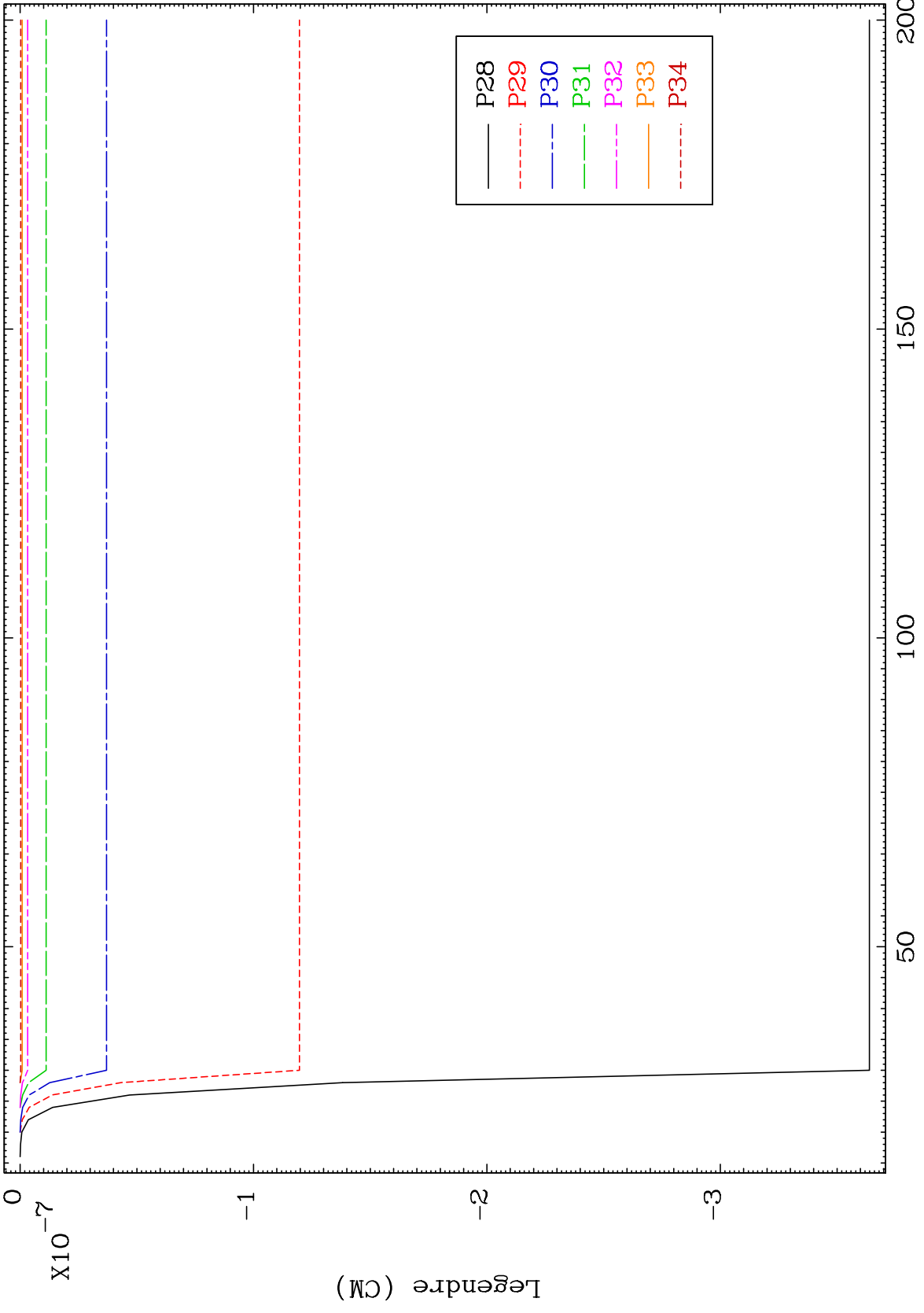


38-Sr-90

Incident Energy (MeV)

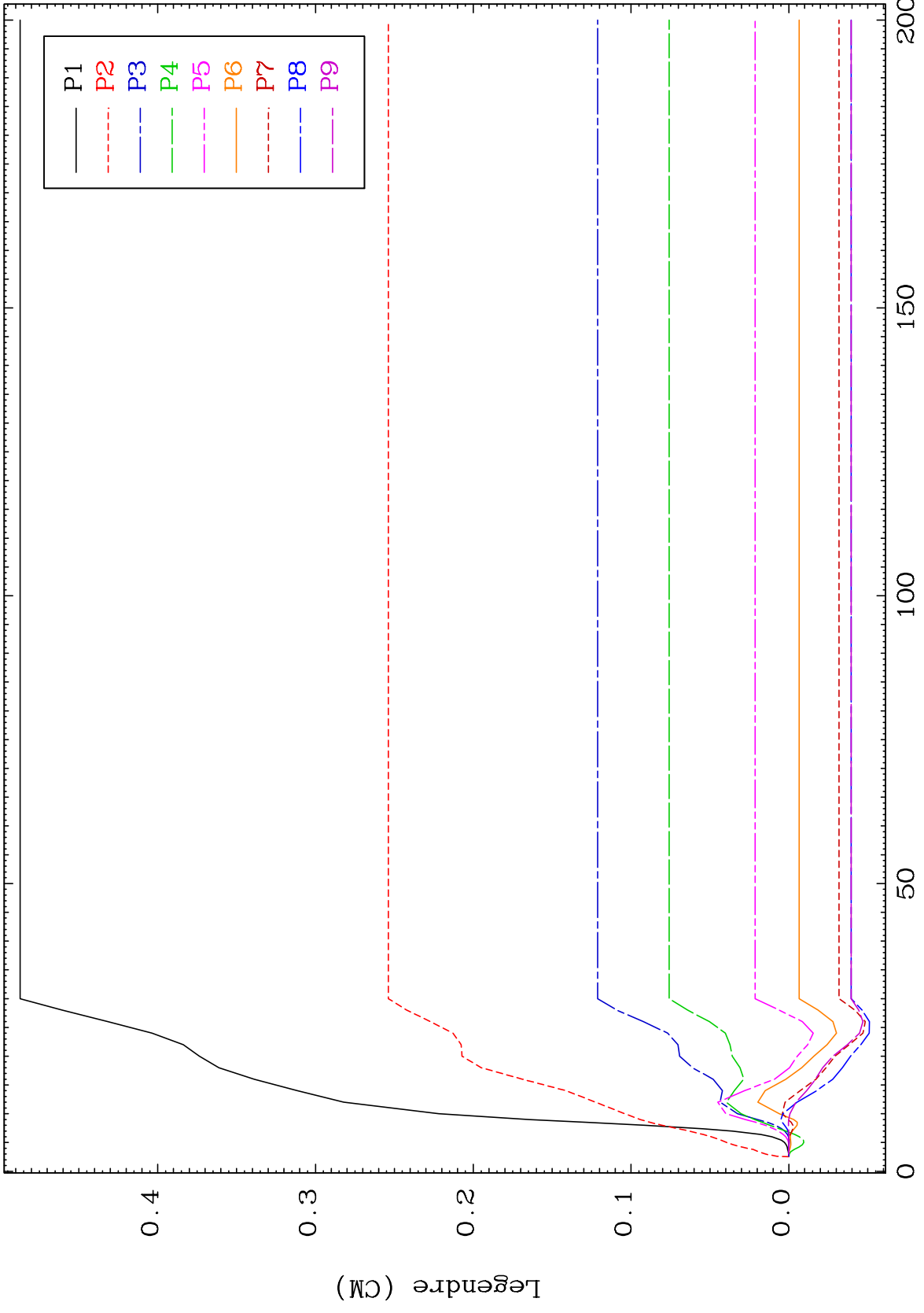
34

MAT 3843 MT= 54 (n,n') Level Legendre Coefficients 38-Sr-90



35 50 100 150 200 38-Sr-90

MAT 3843 MT= 55 (n,n') Level Legendre Coefficients 38-Sr-90

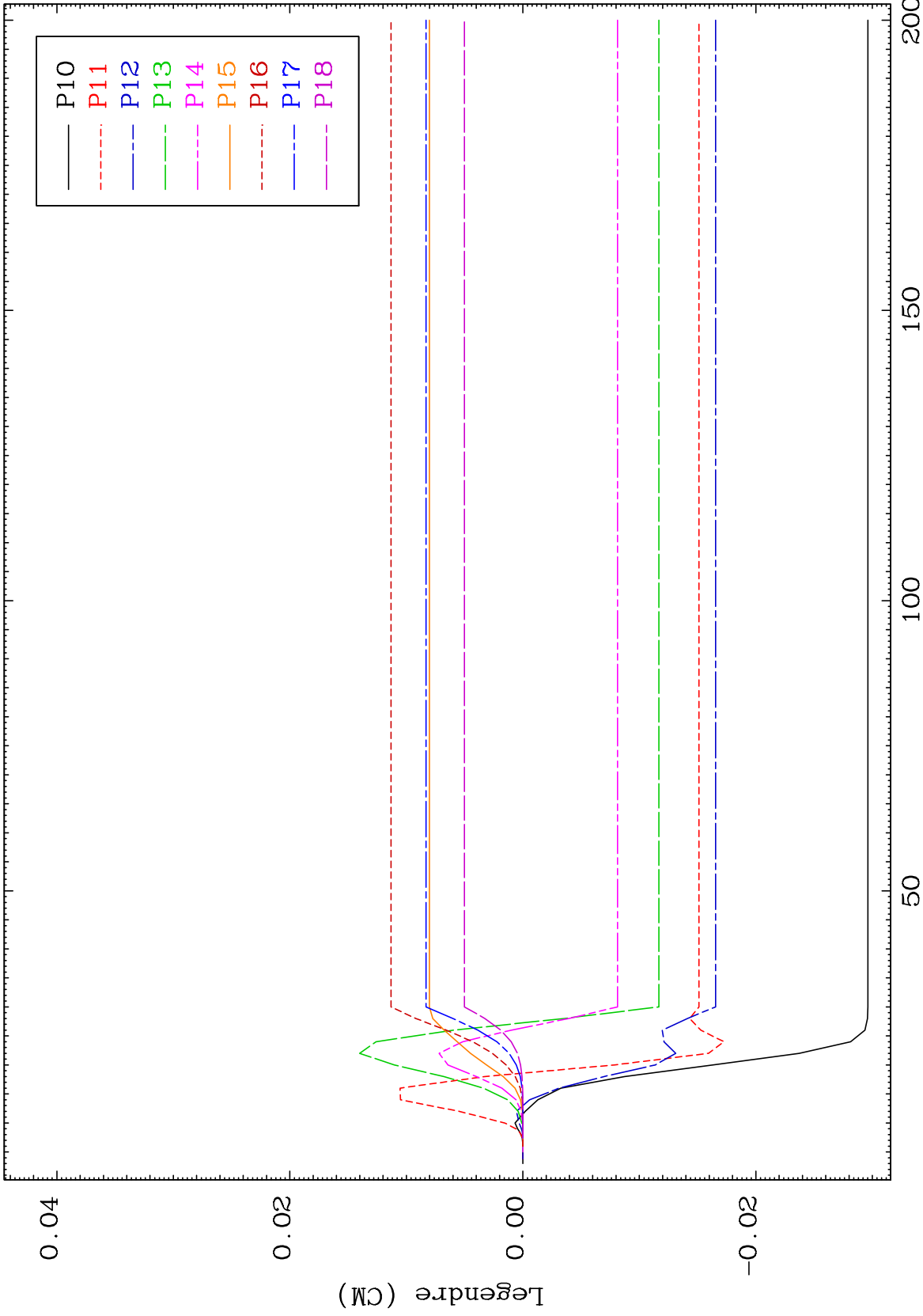


36 38-Sr-90

MAT 3843

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

38-Sr-90



37

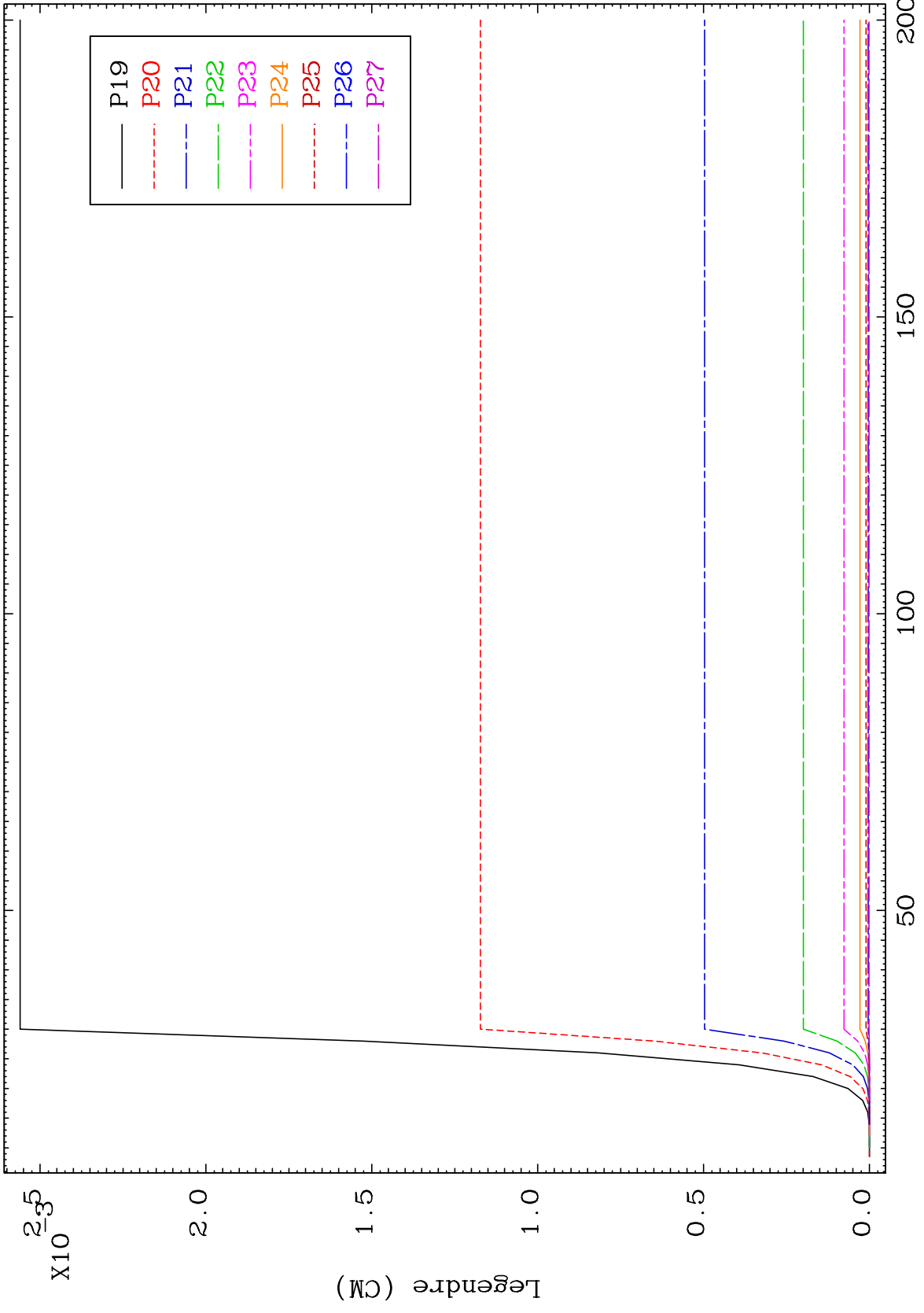
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38

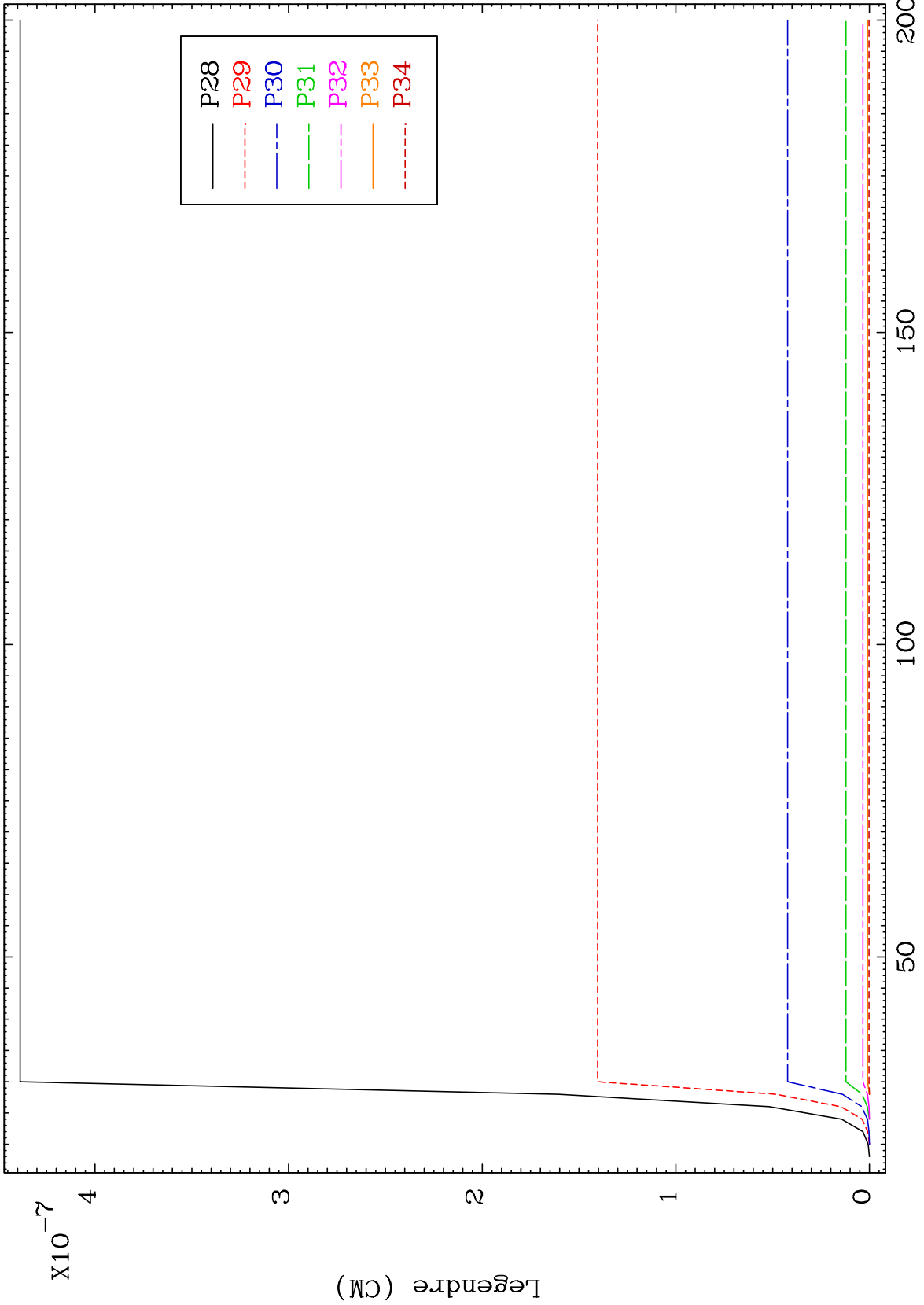
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



39

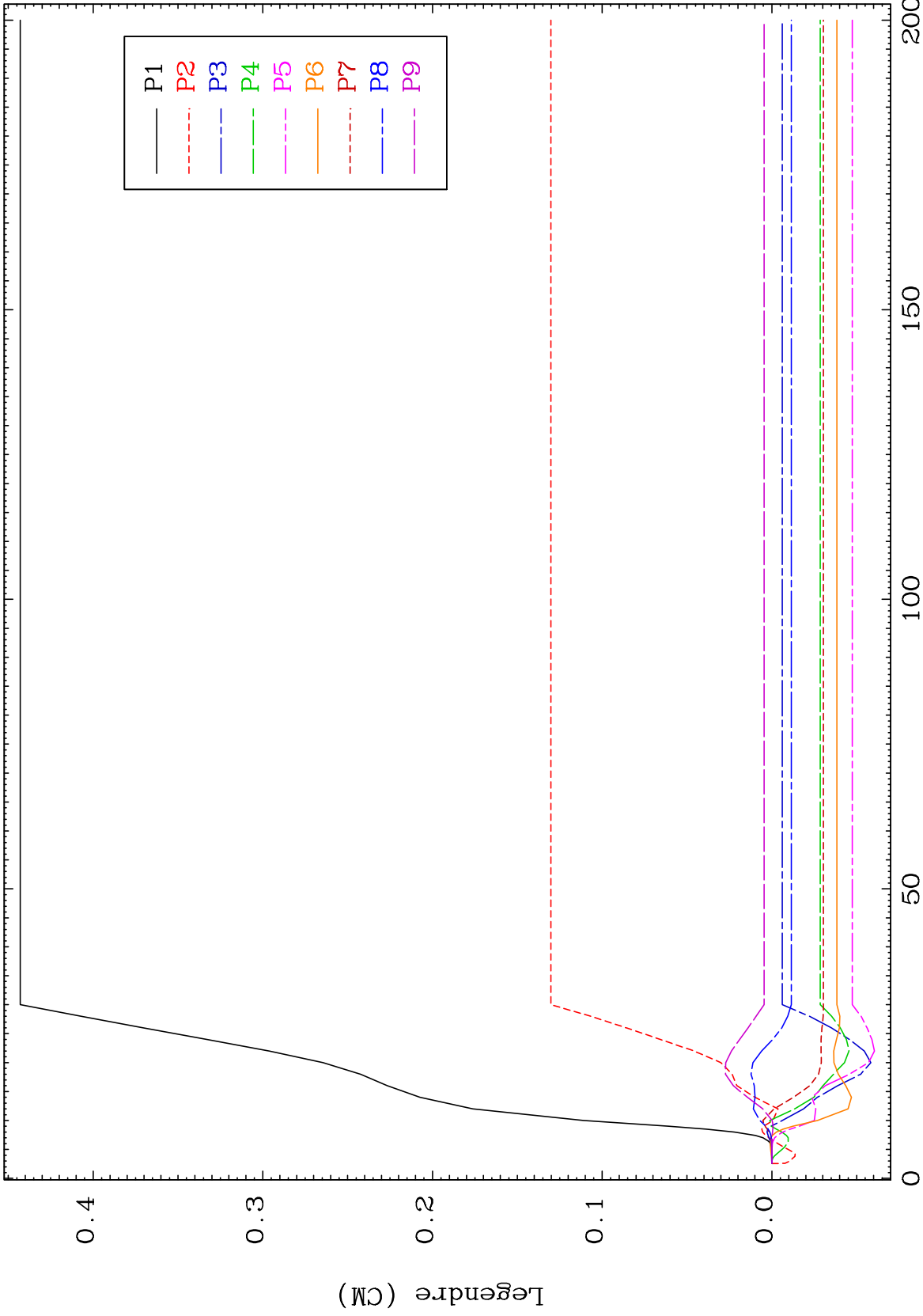
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



40

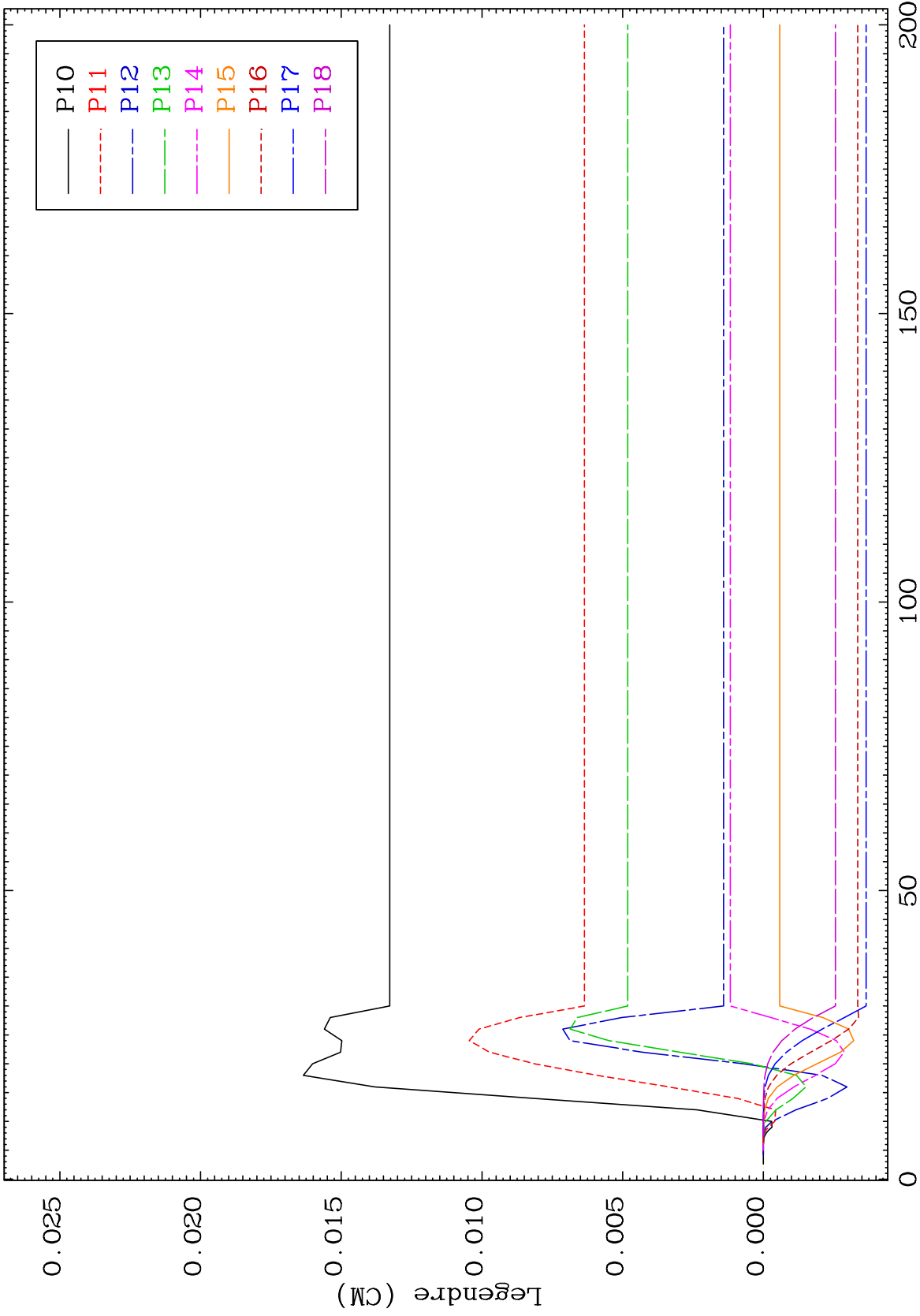
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



41

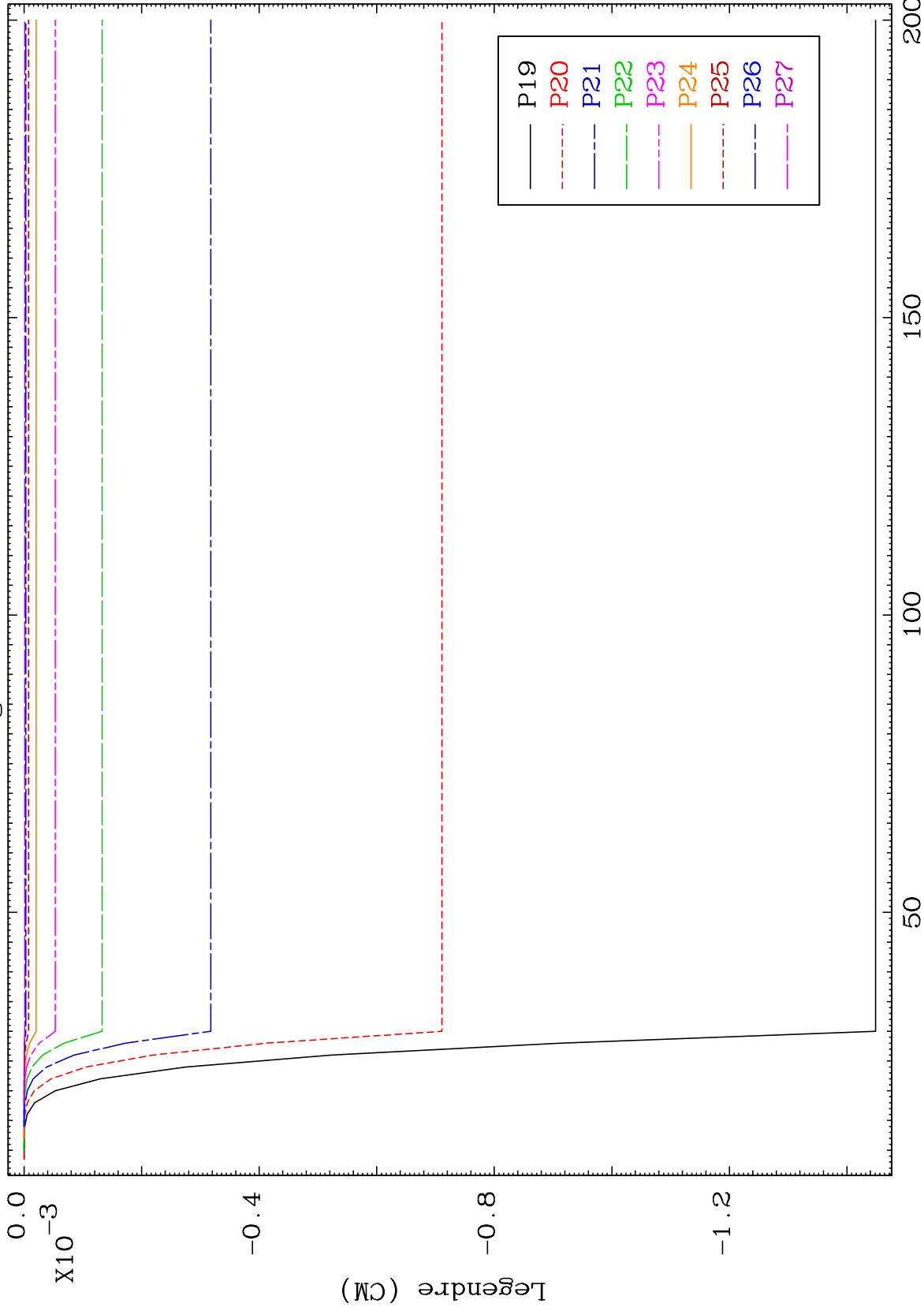
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

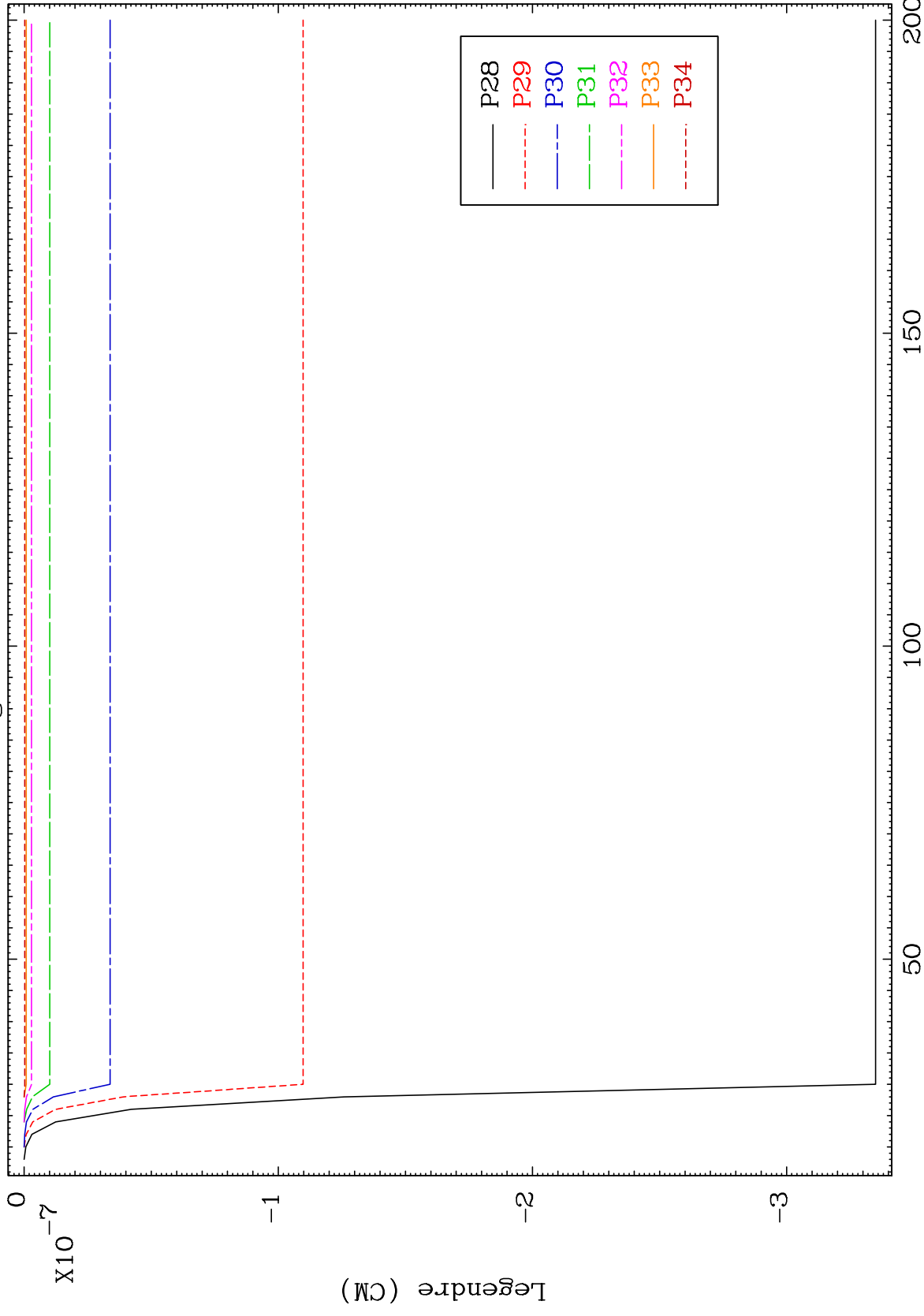
Incident Energy (MeV)

42

MAT 3843

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

38-Sr-90



38-Sr-90

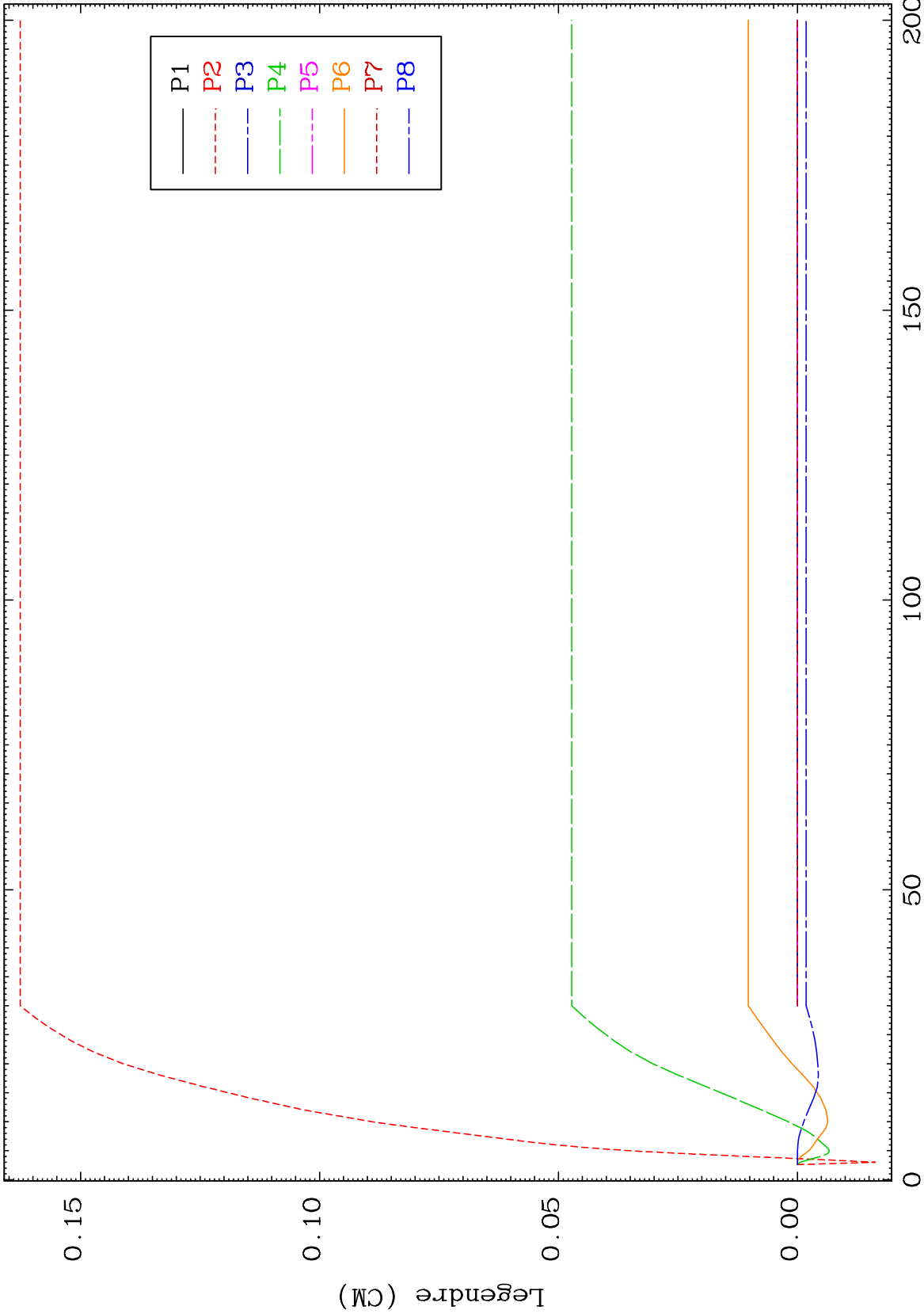
Incident Energy (MeV)

43

MAT 3843

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

38-Sr-90

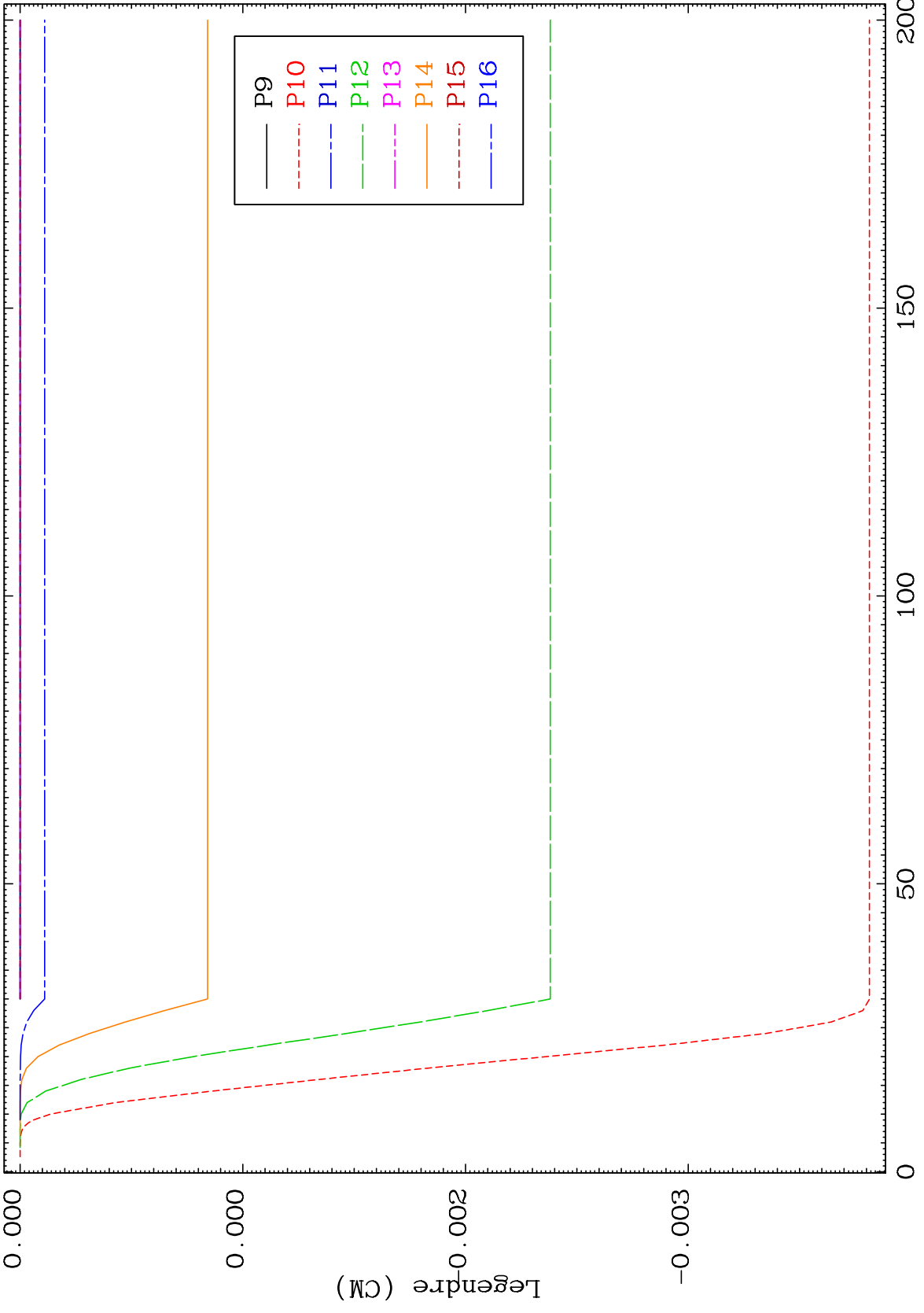


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Incident Energy (MeV)

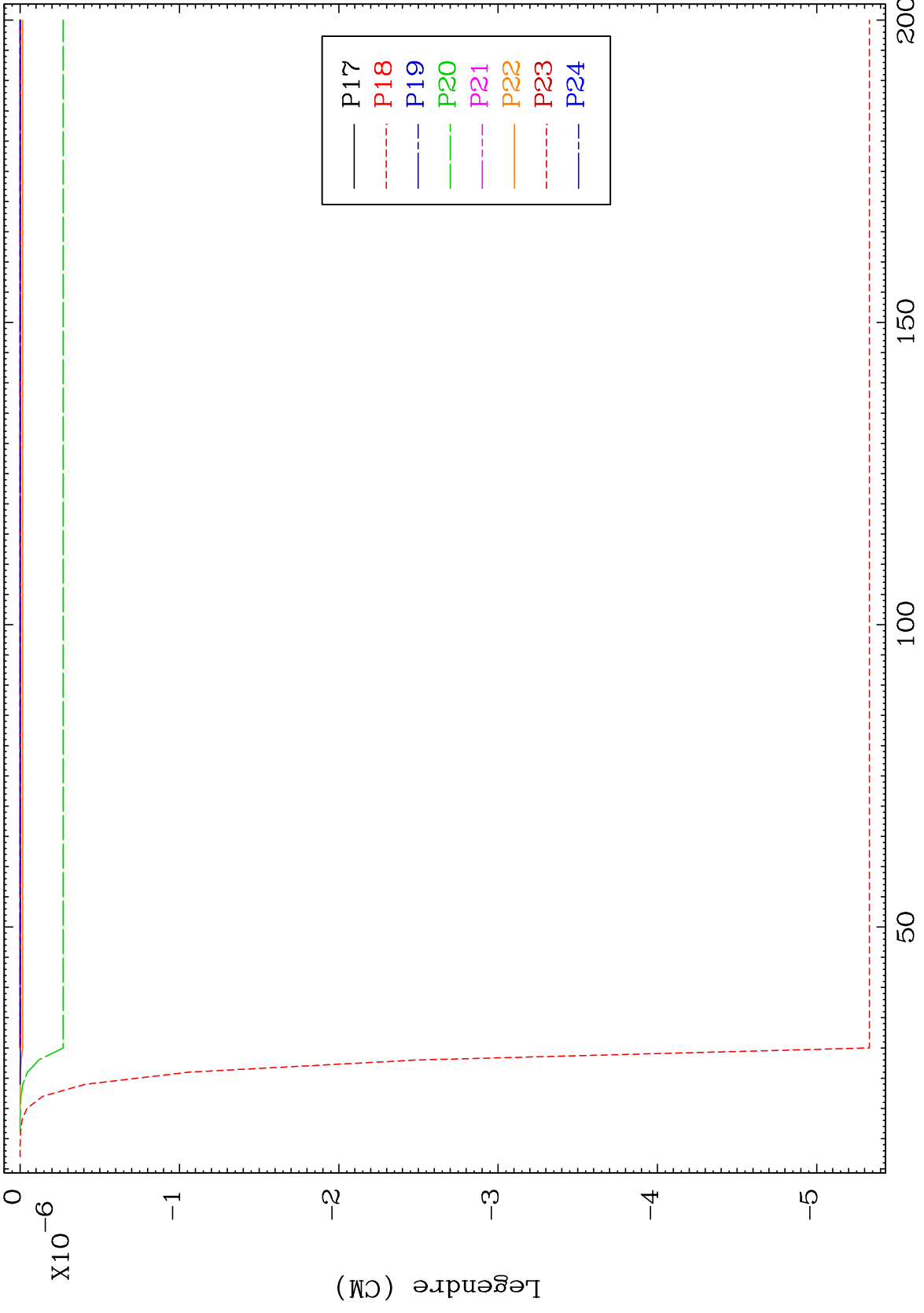
38-Sr-90

MAT 3843 MT= 57 (n,n') Level Legendre Coefficients 38-Sr-90



45 Incident Energy (MeV) 38-Sr-90

MAT 3843 MT= 57 (n,n') Level Legendre Coefficients 38-Sr-90

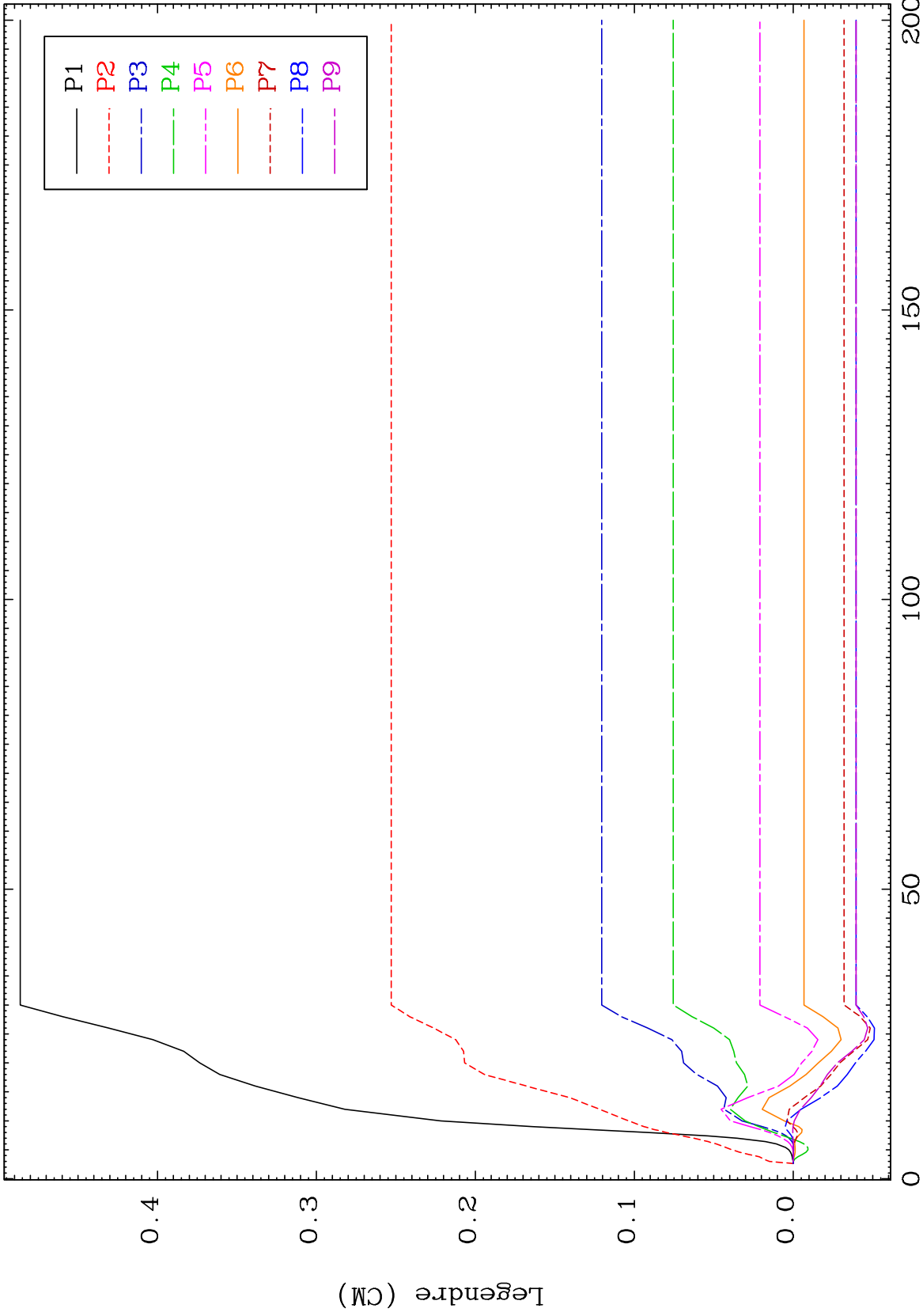


46 Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90



47

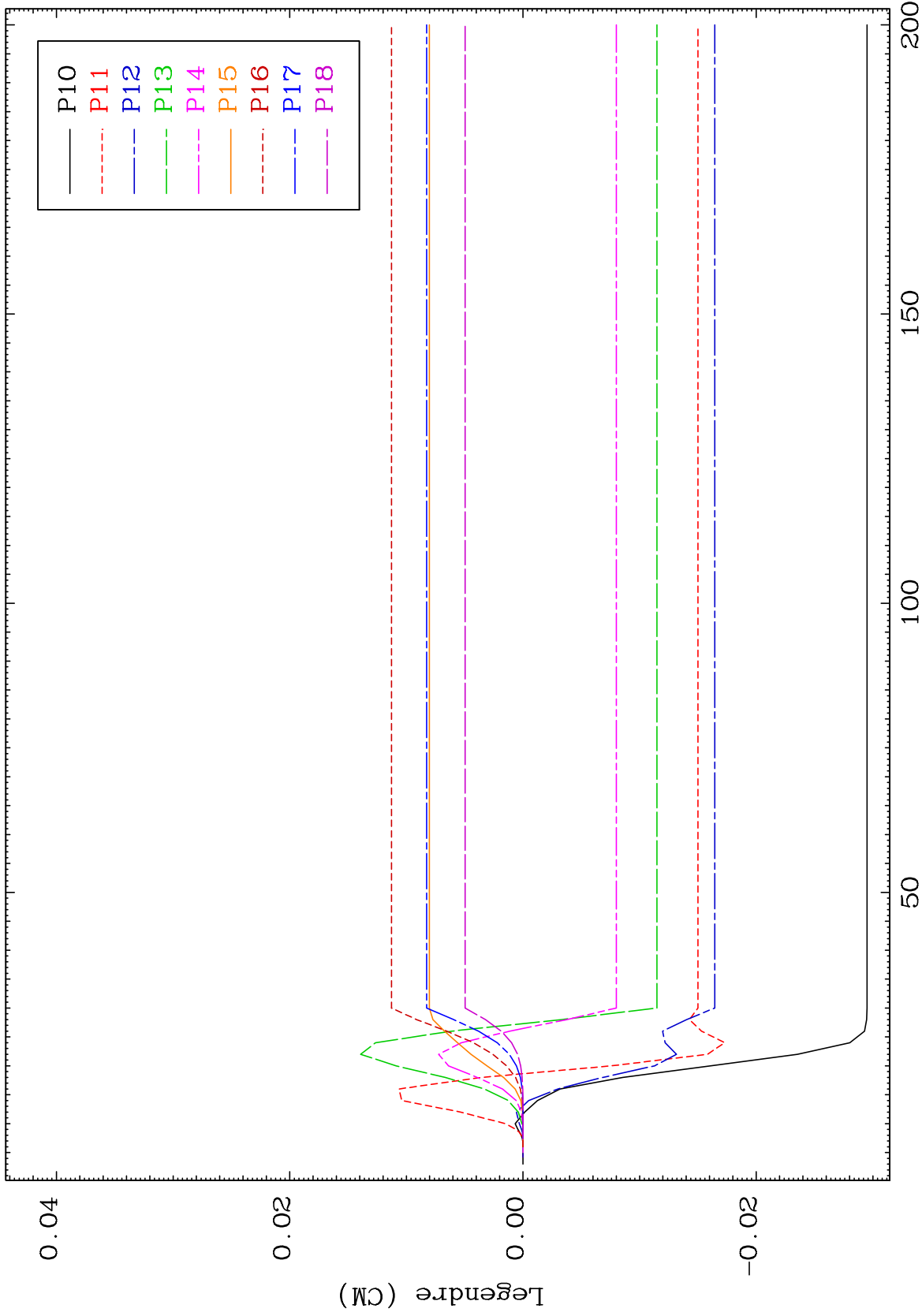
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



48

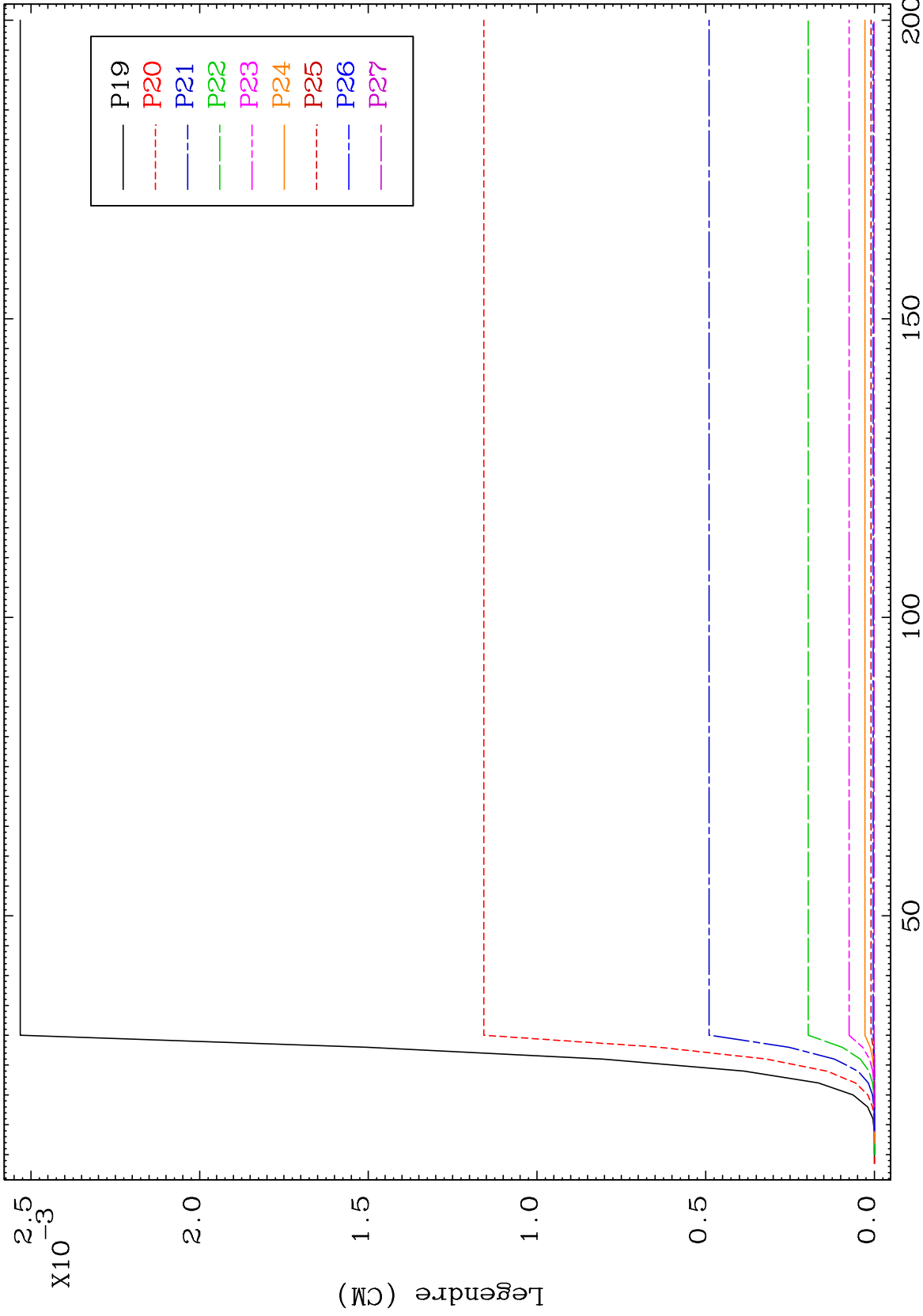
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



49

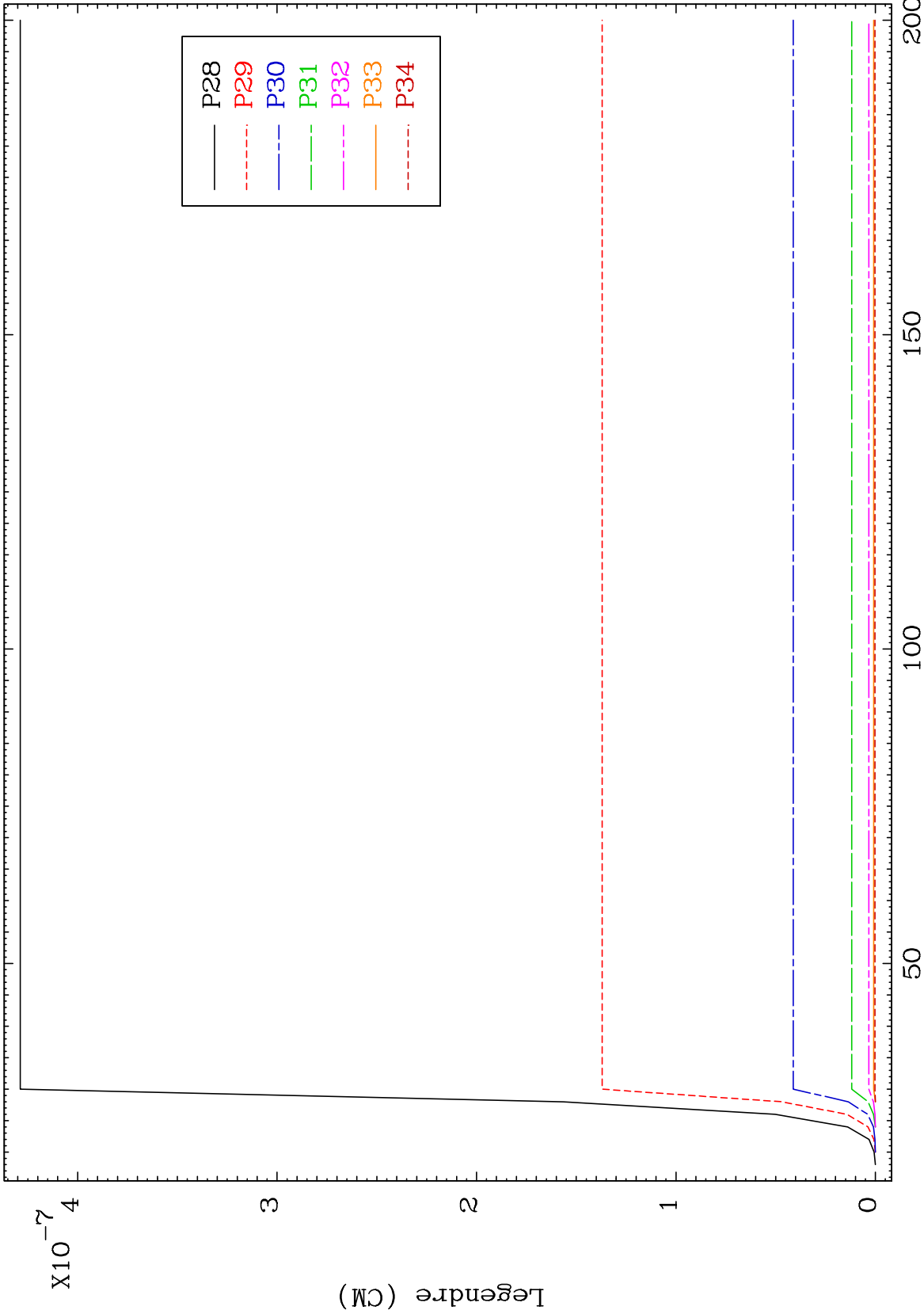
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



50

50

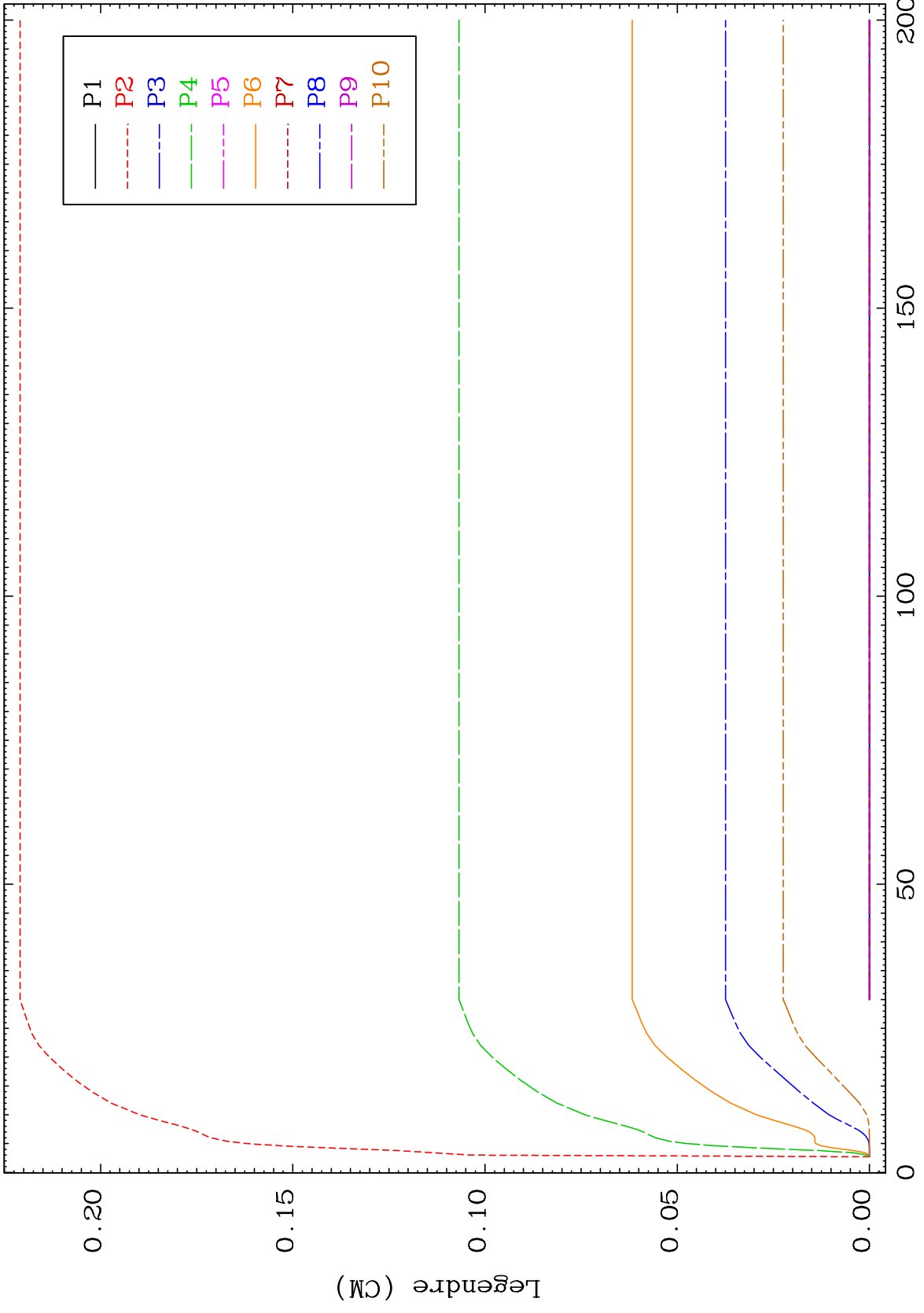
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150

200

38-Sr-90

MAT 3843 MT= 59 (n,n') Level Legendre Coefficients 38-Sr-90

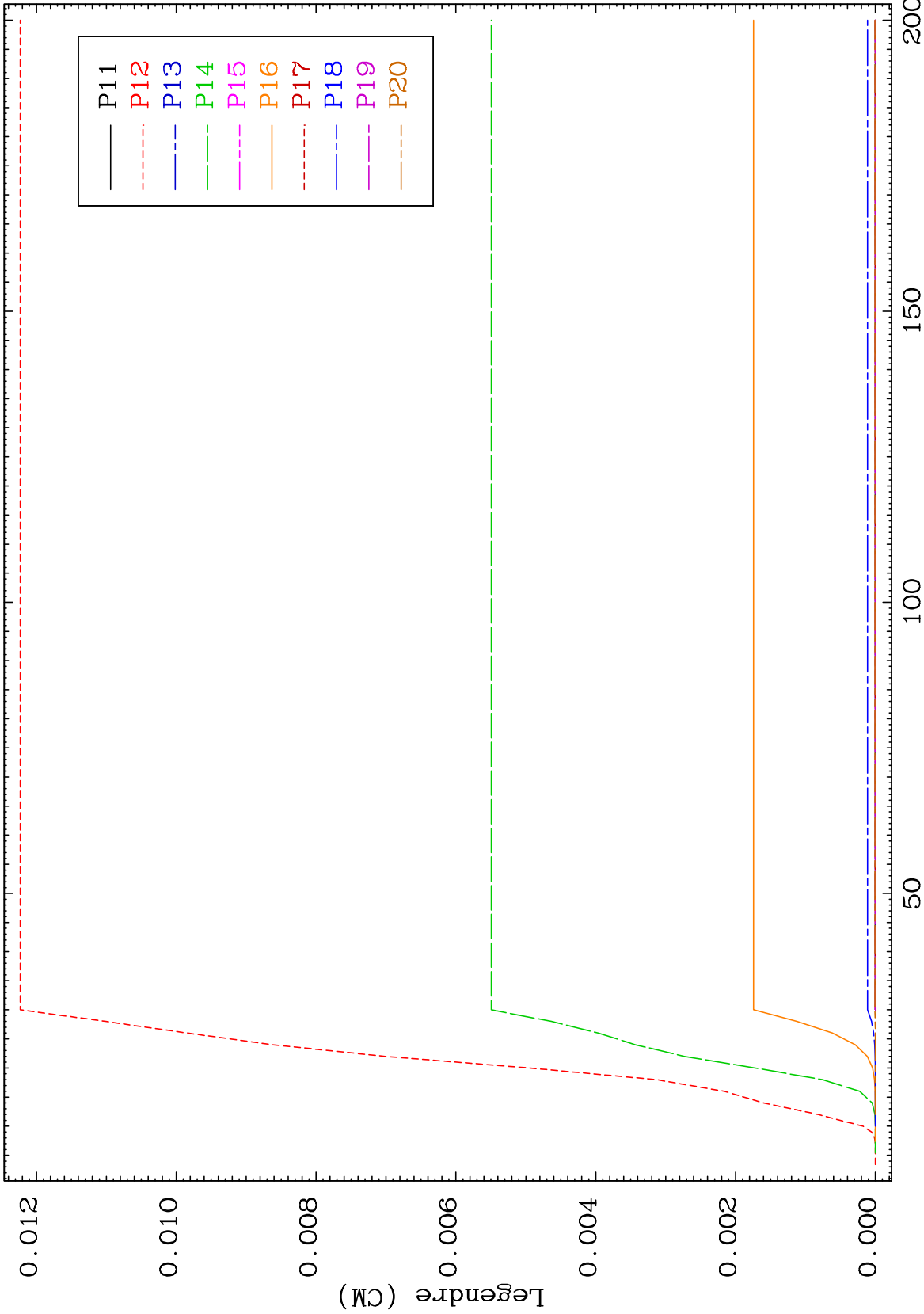


51 Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90

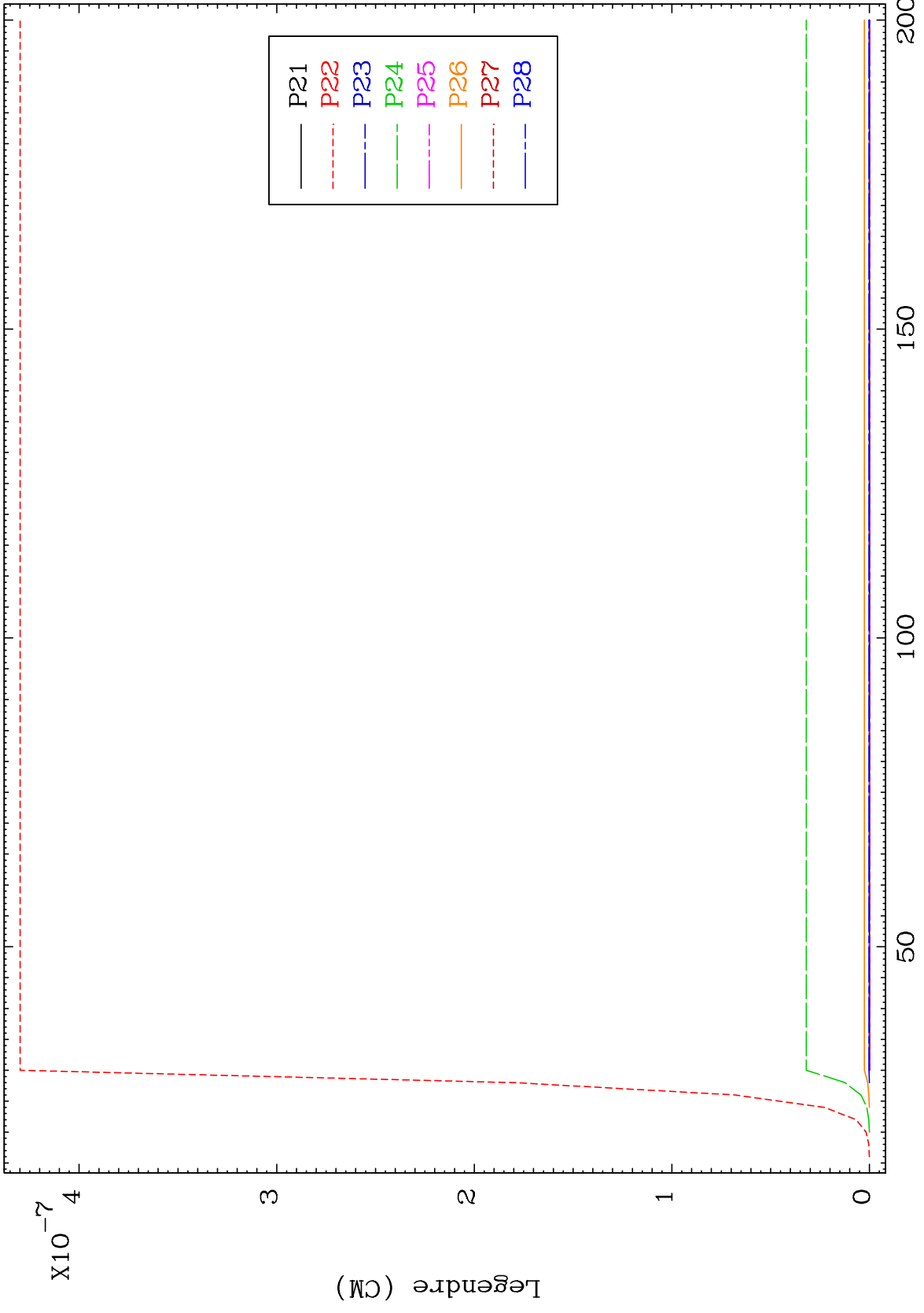


52

Incident Energy (MeV)

38-Sr-90

MAT 3843 MT= 59 (n,n') Level Legendre Coefficients 38-Sr-90

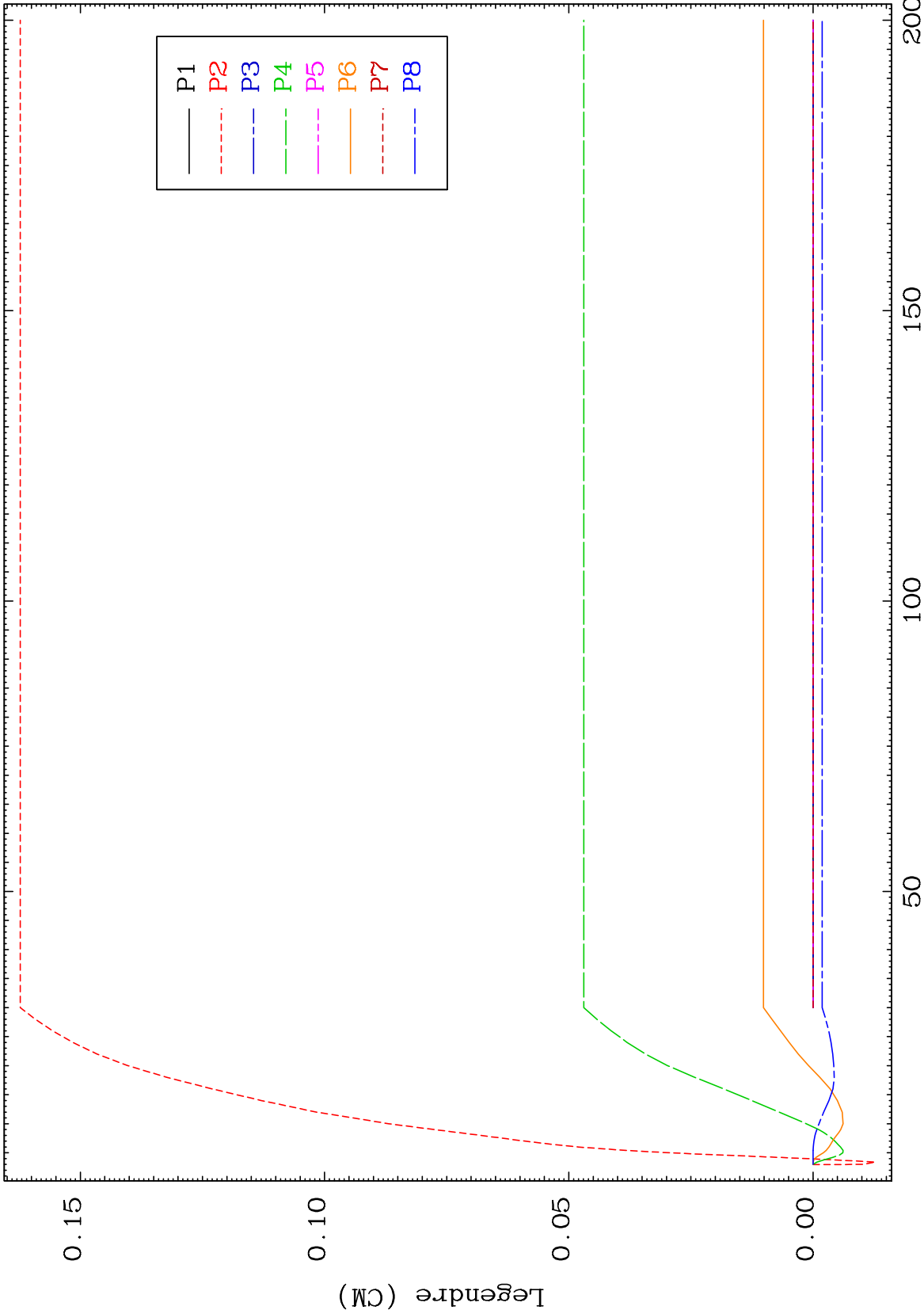


53 Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90

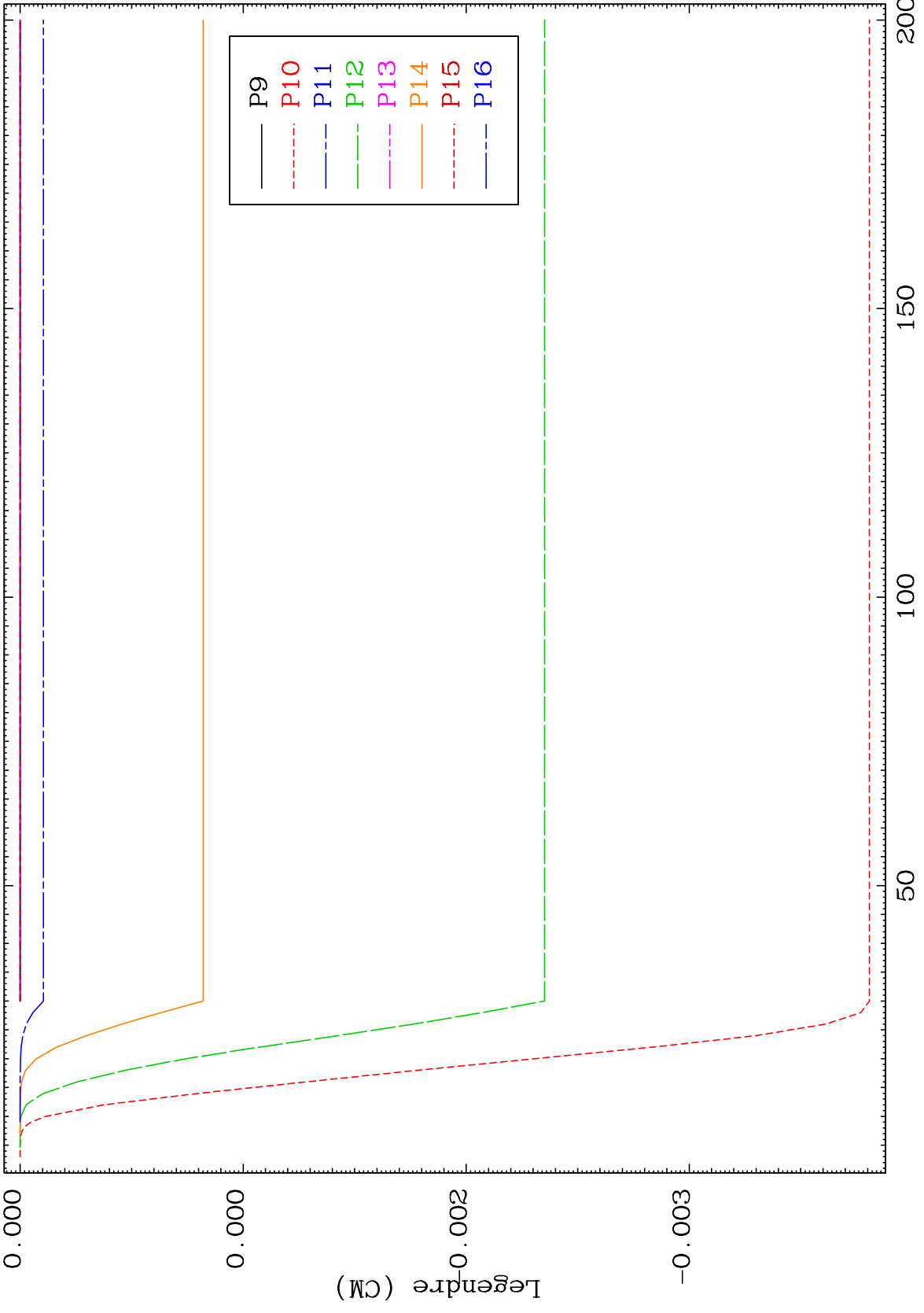


54

Incident Energy (MeV)

38-Sr-90

MAT 3843 MT= 60 (n,n') Level Legendre Coefficients 38-Sr-90

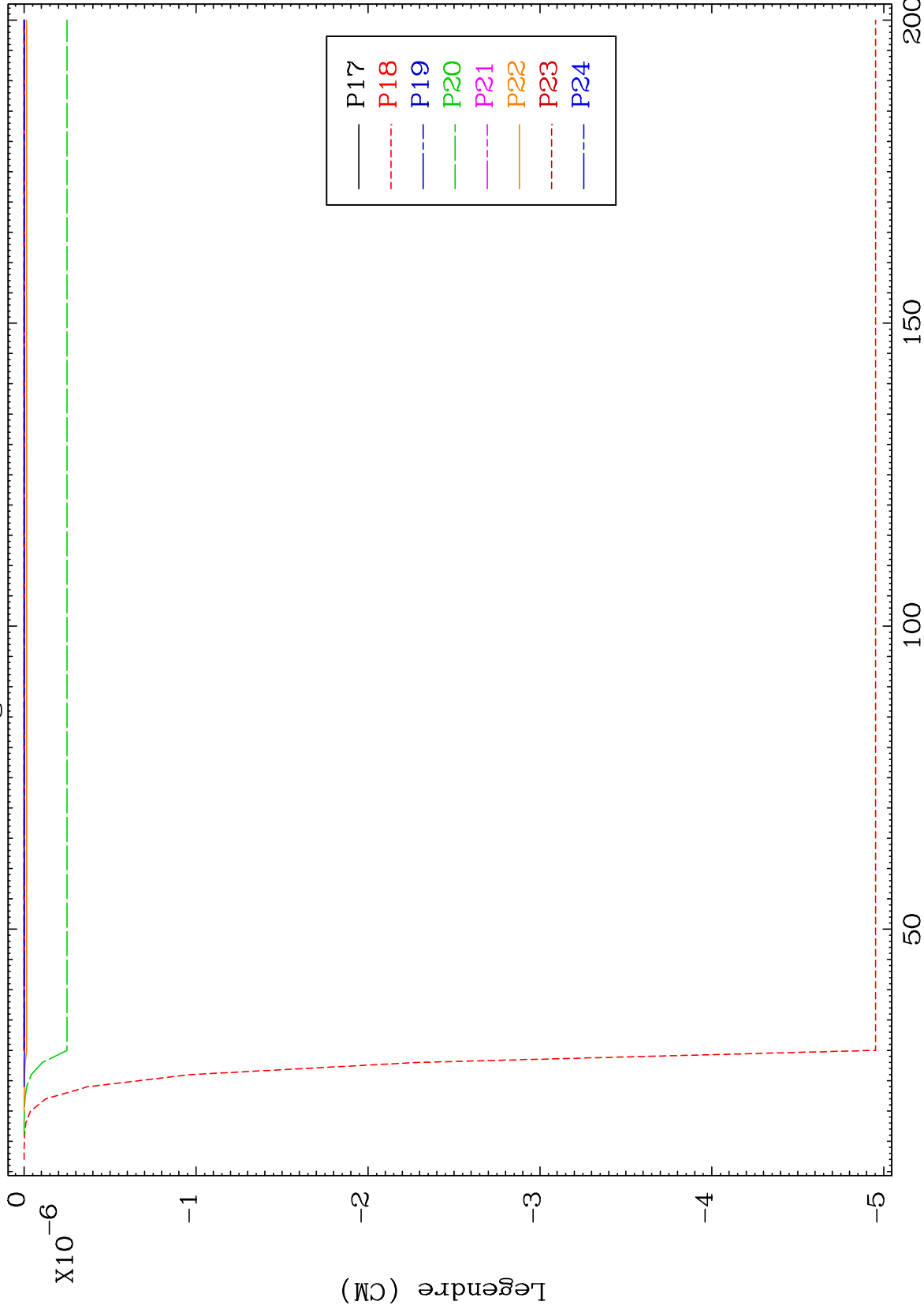


55 Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90

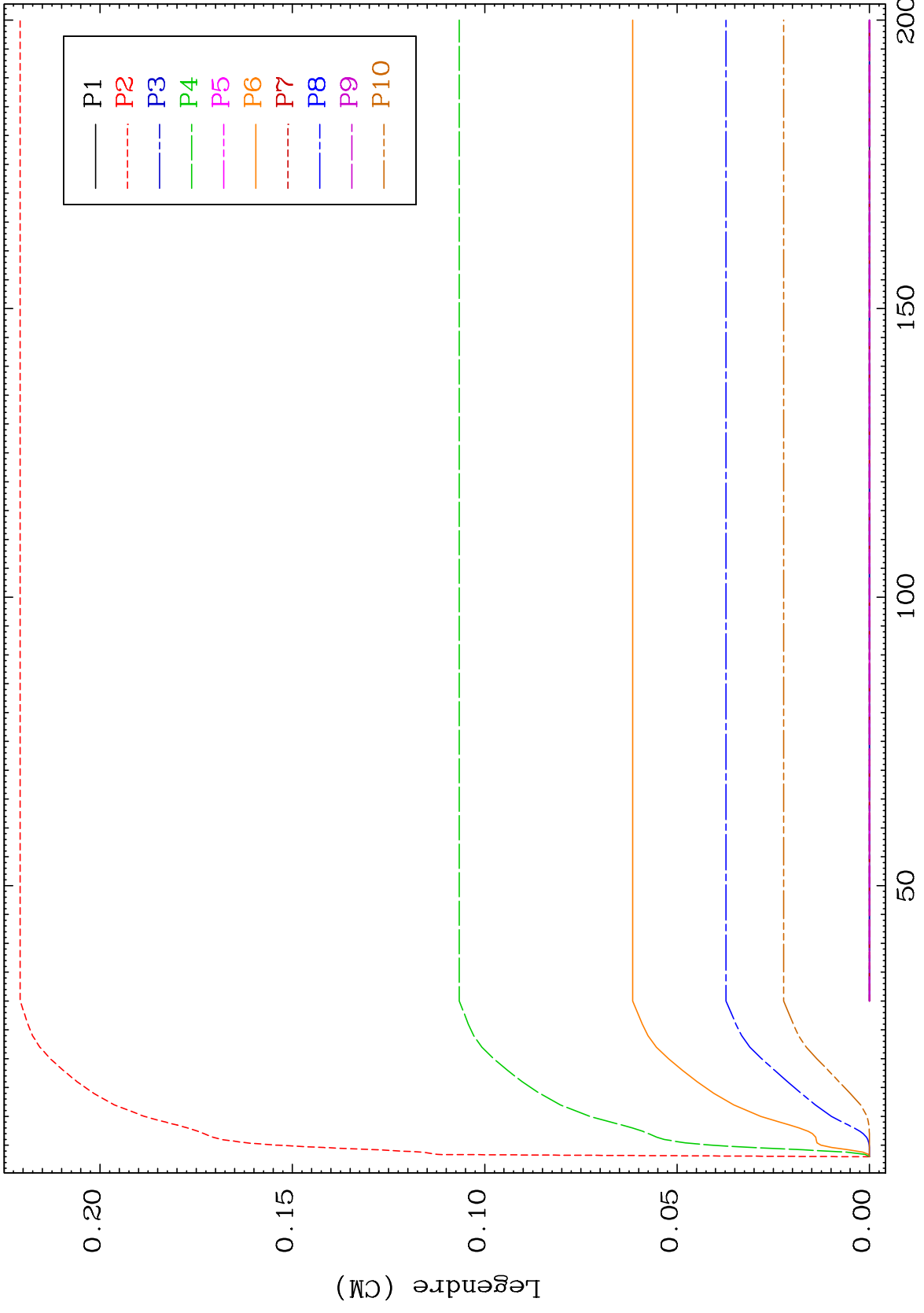


38-Sr-90

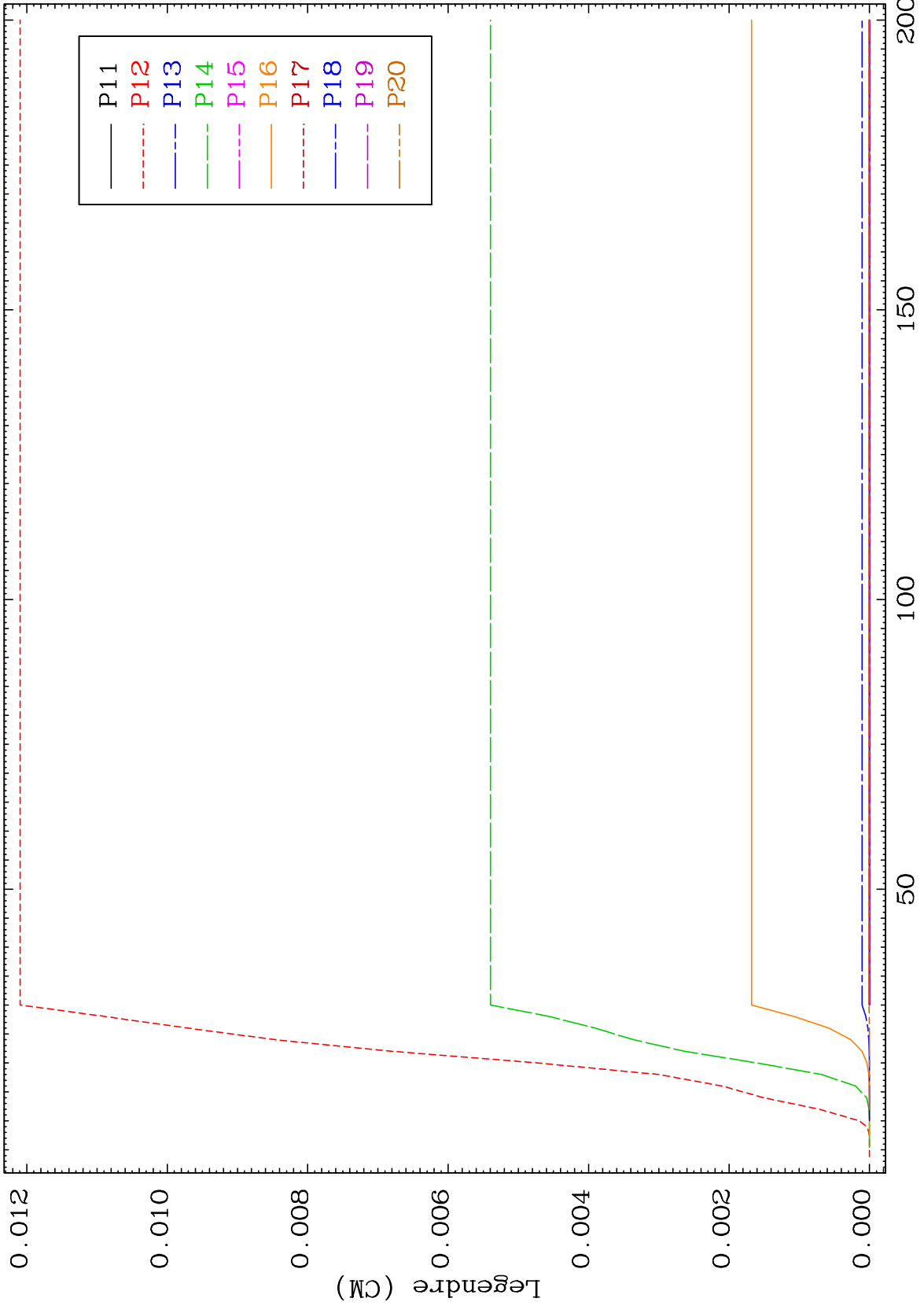
Incident Energy (MeV)

56

MAT 3843 MT= 61 (n,n') Level Legendre Coefficients 38-Sr-90

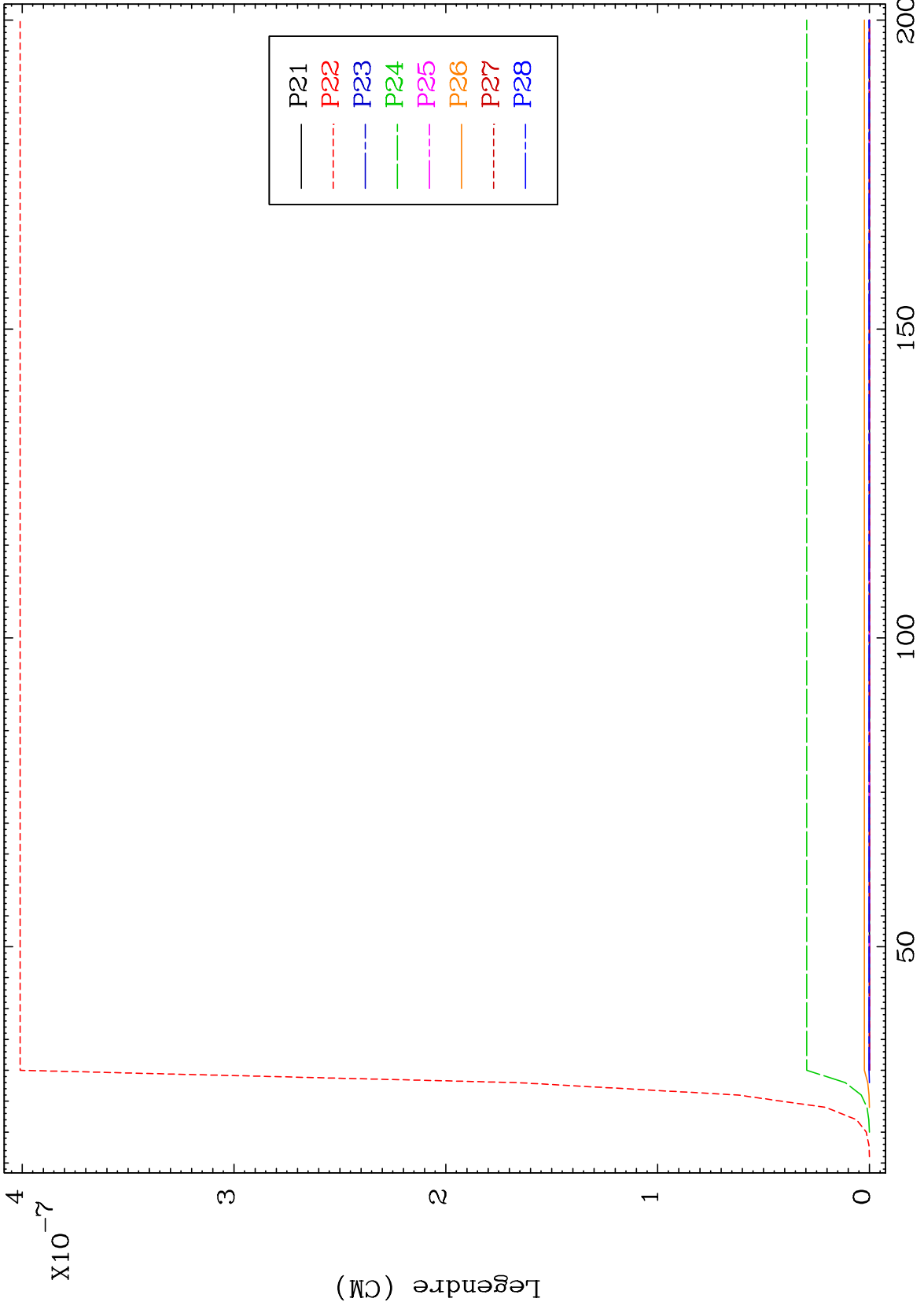


MAT 3843 MT= 61 (n,n') Level Legendre Coefficients 38-Sr-90

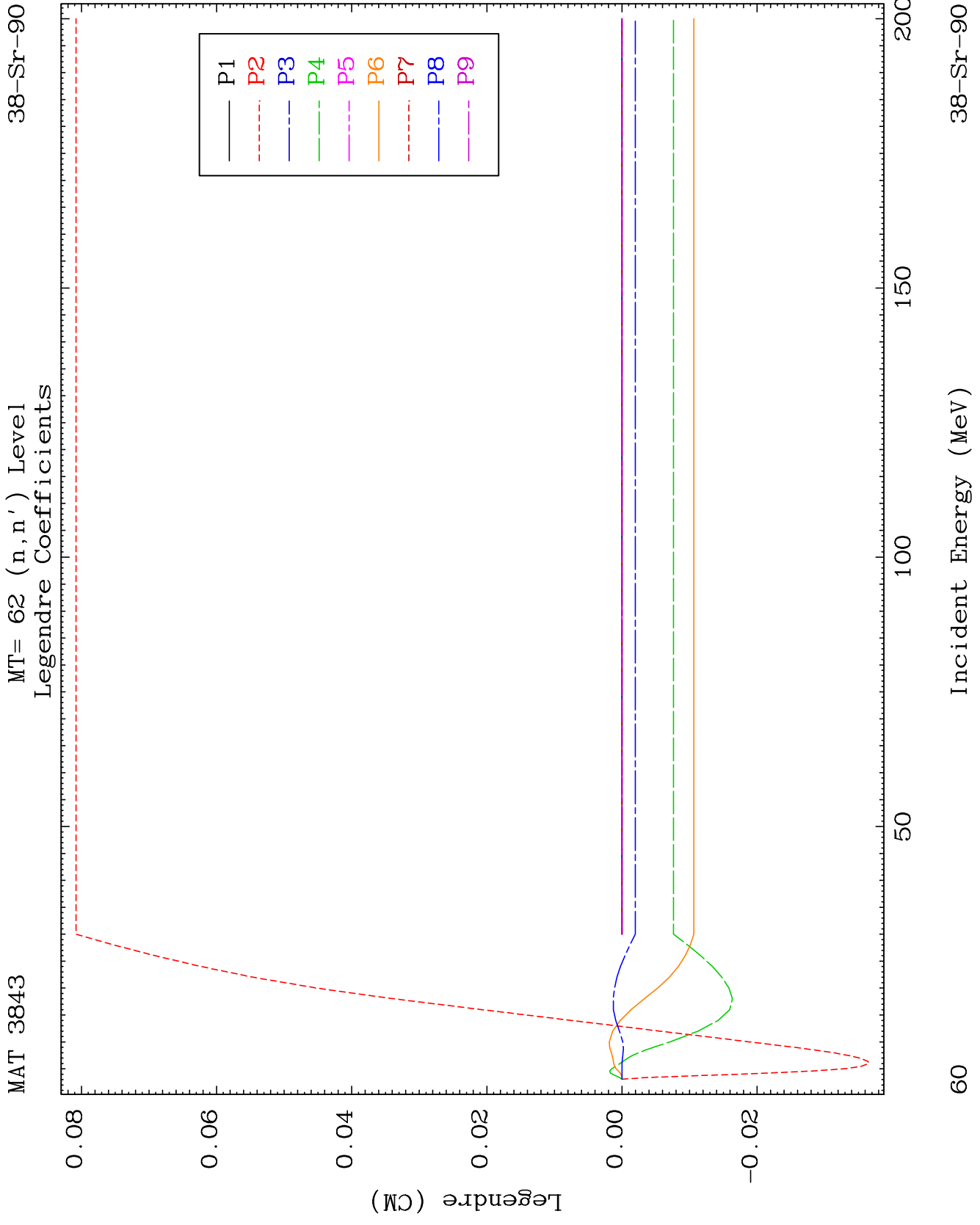


58 Incident Energy (MeV) 38-Sr-90

MAT 3843 MT= 61 (n,n') Level Legendre Coefficients 38-Sr-90



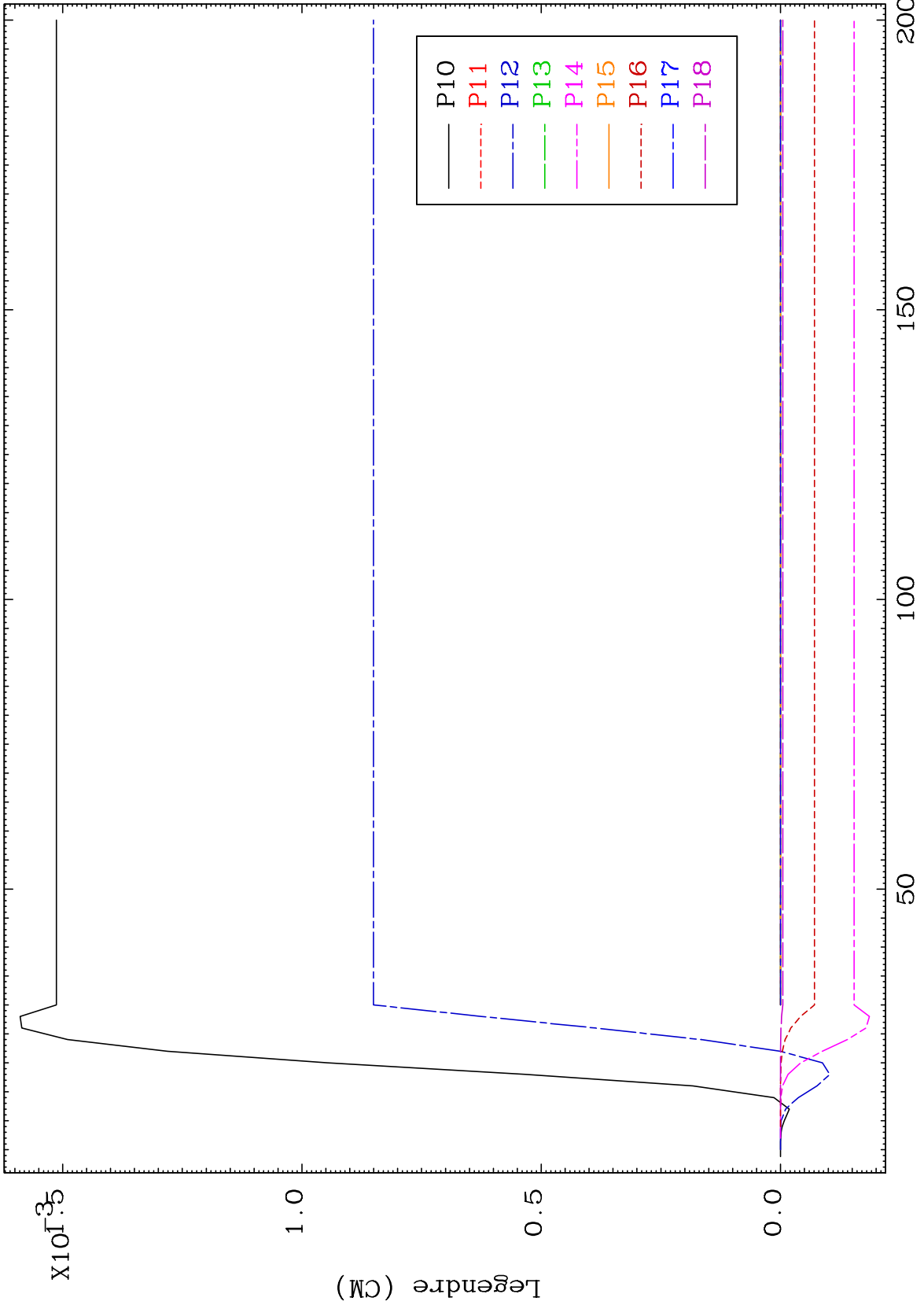
59 Incident Energy (MeV) 38-Sr-90



MAT 3843

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

38-Sr-90

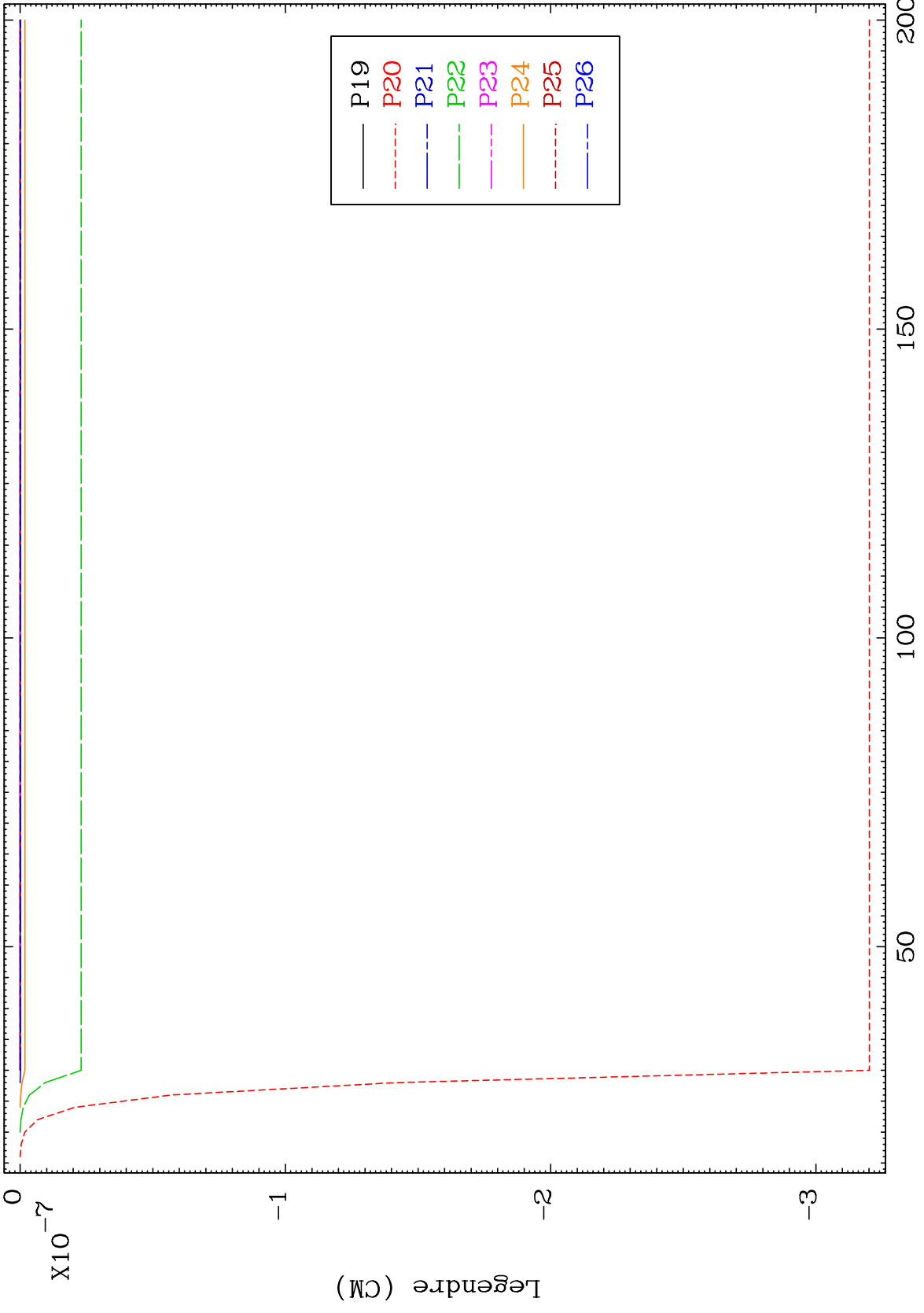


61

Incident Energy (MeV)

38-Sr-90

MAT 3843 MT= 62 (n,n') Level Legendre Coefficients 38-Sr-90

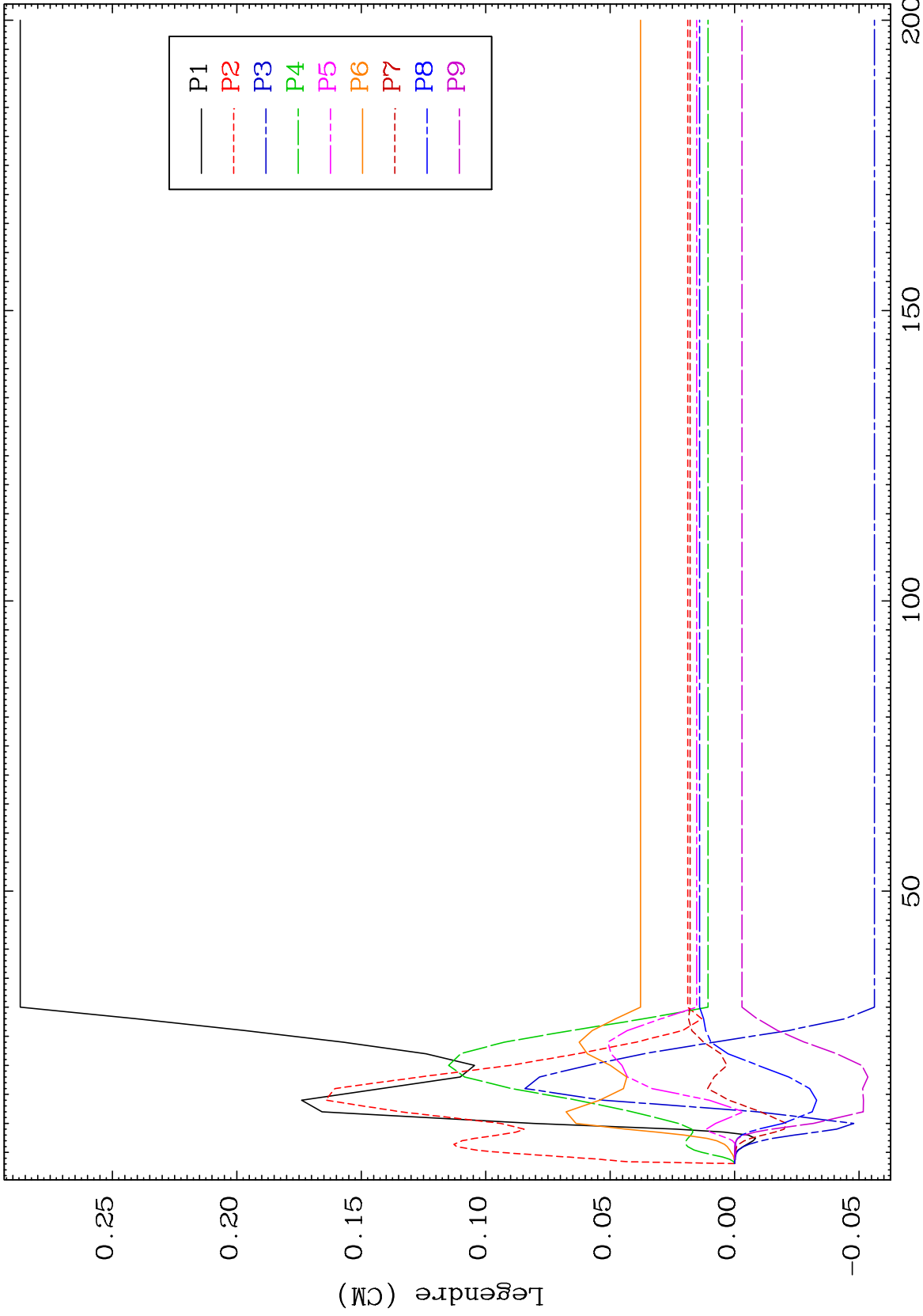


62 38-Sr-90

MAT 3843

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

38-Sr-90



63

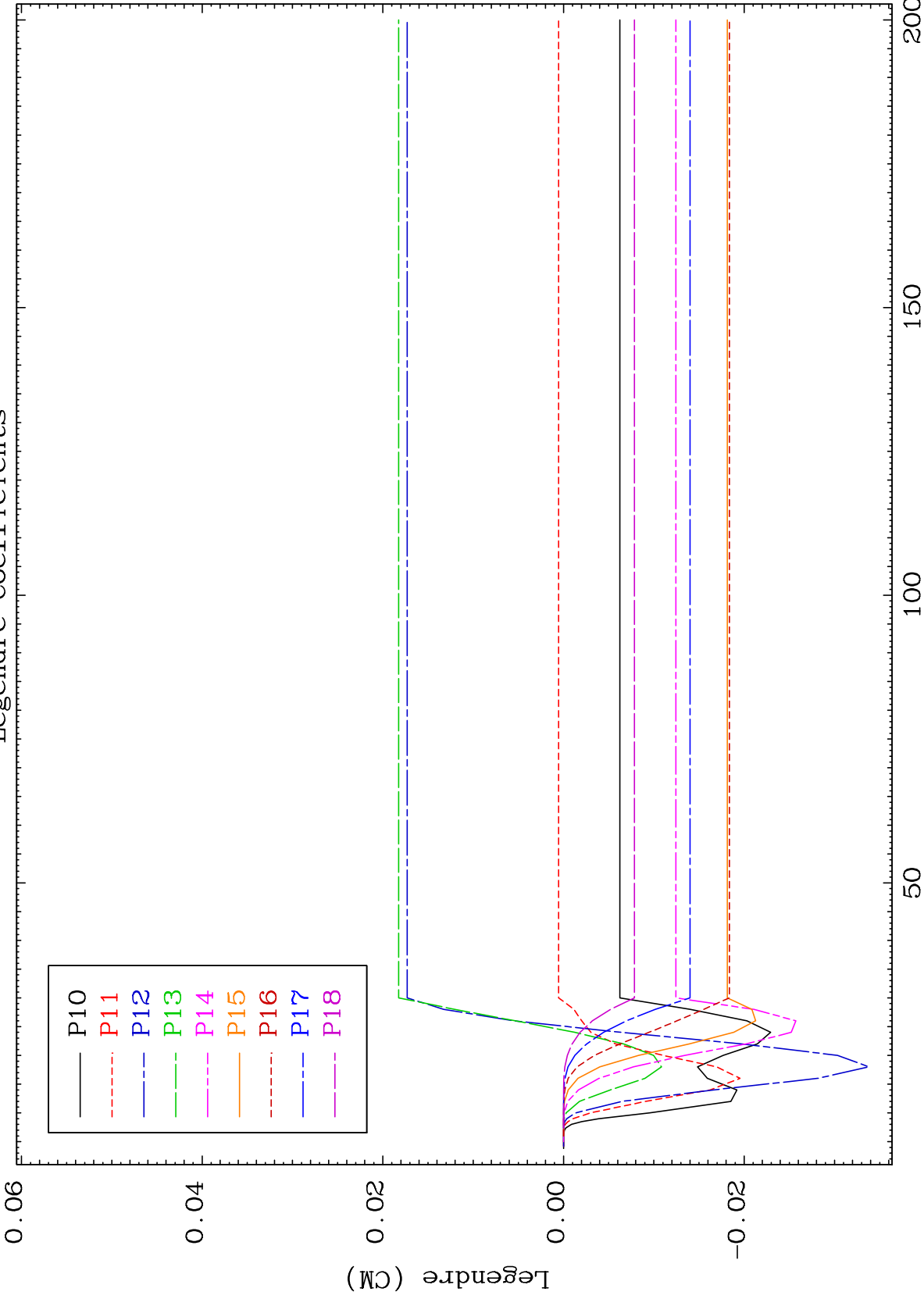
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

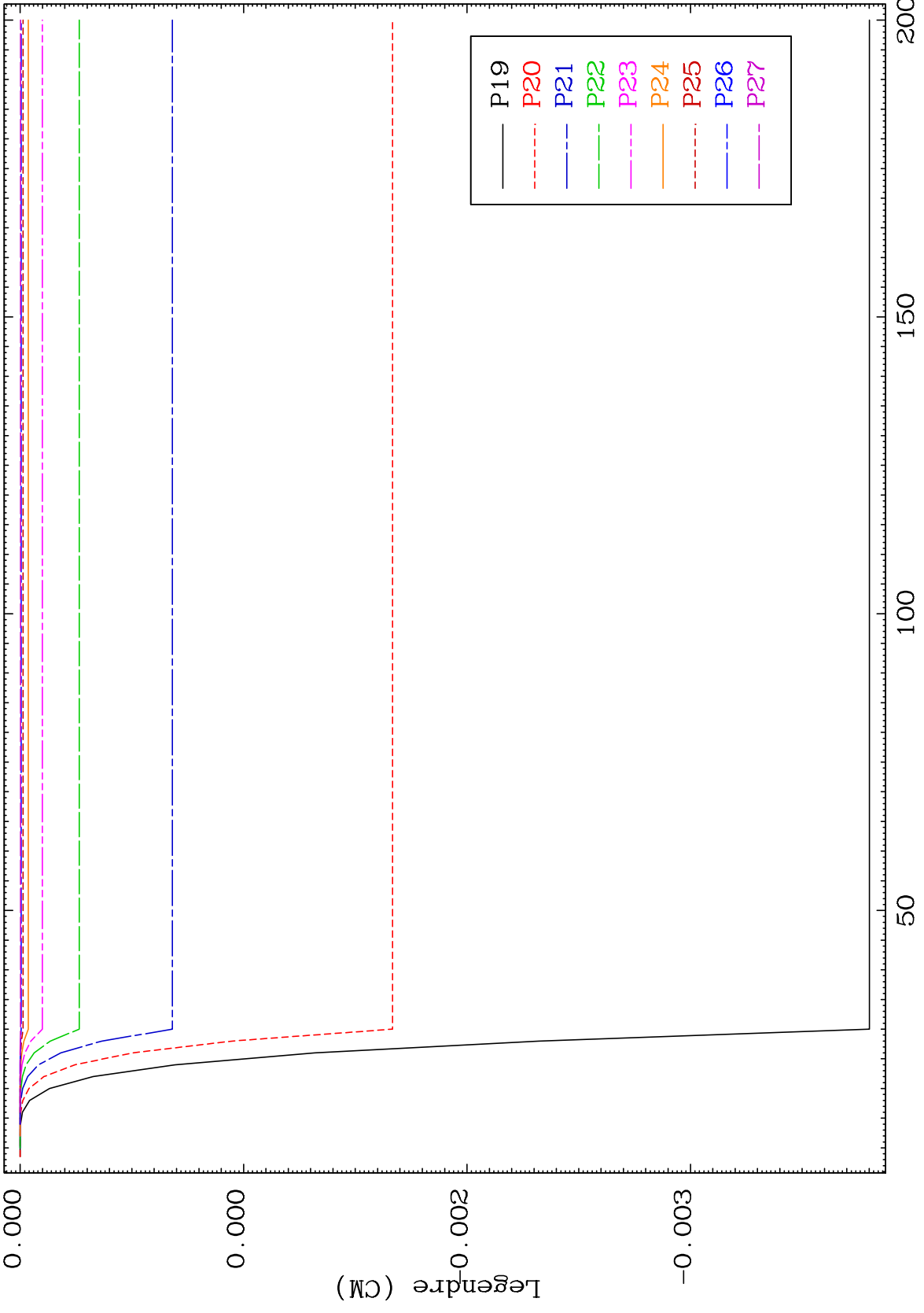


64

Incident Energy (MeV)

38-Sr-90

MAT 3843 MT= 63 (n,n') Level Legendre Coefficients 38-Sr-90

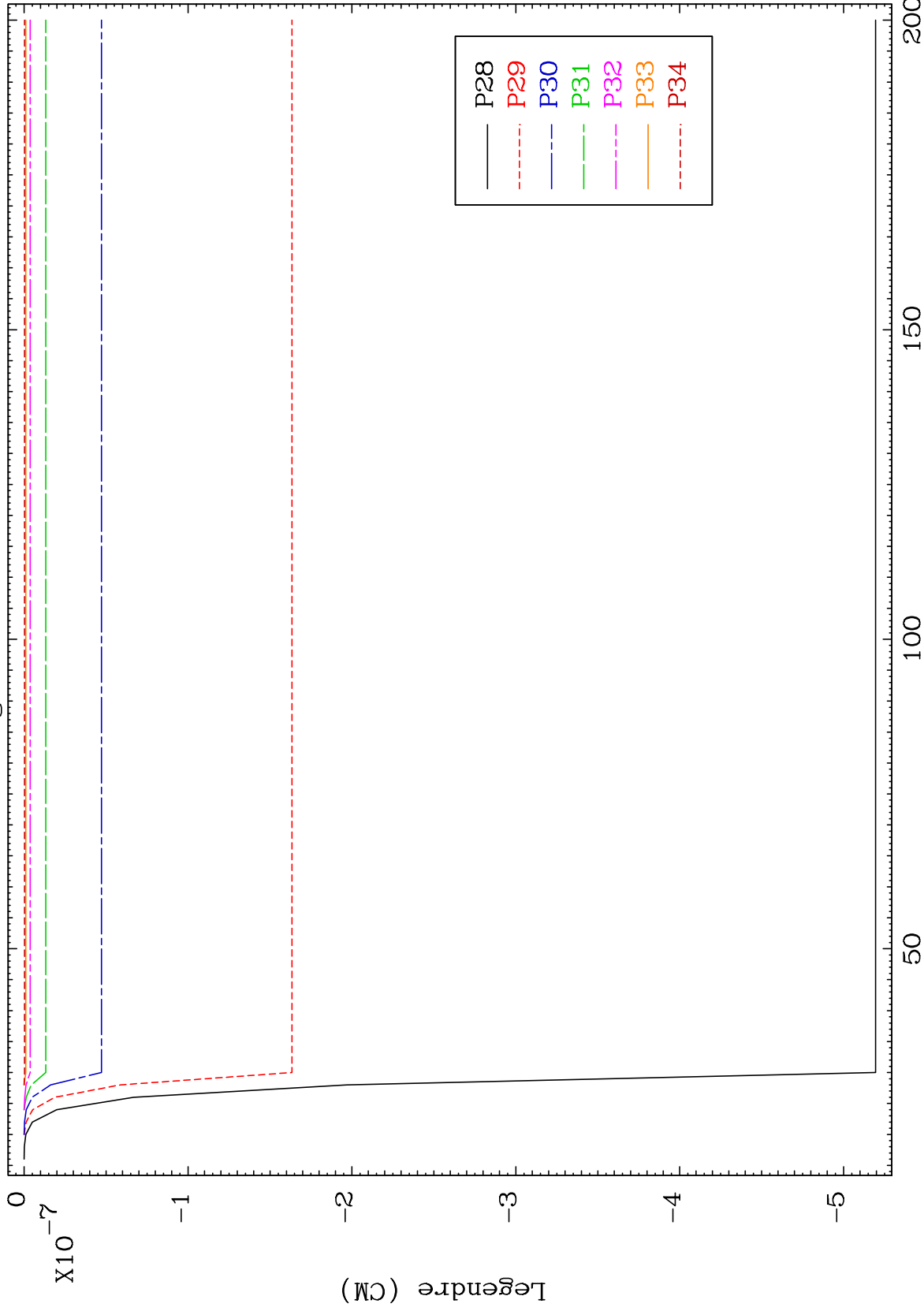


65 38-Sr-90

MAT 3843

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

38-Sr-90



66

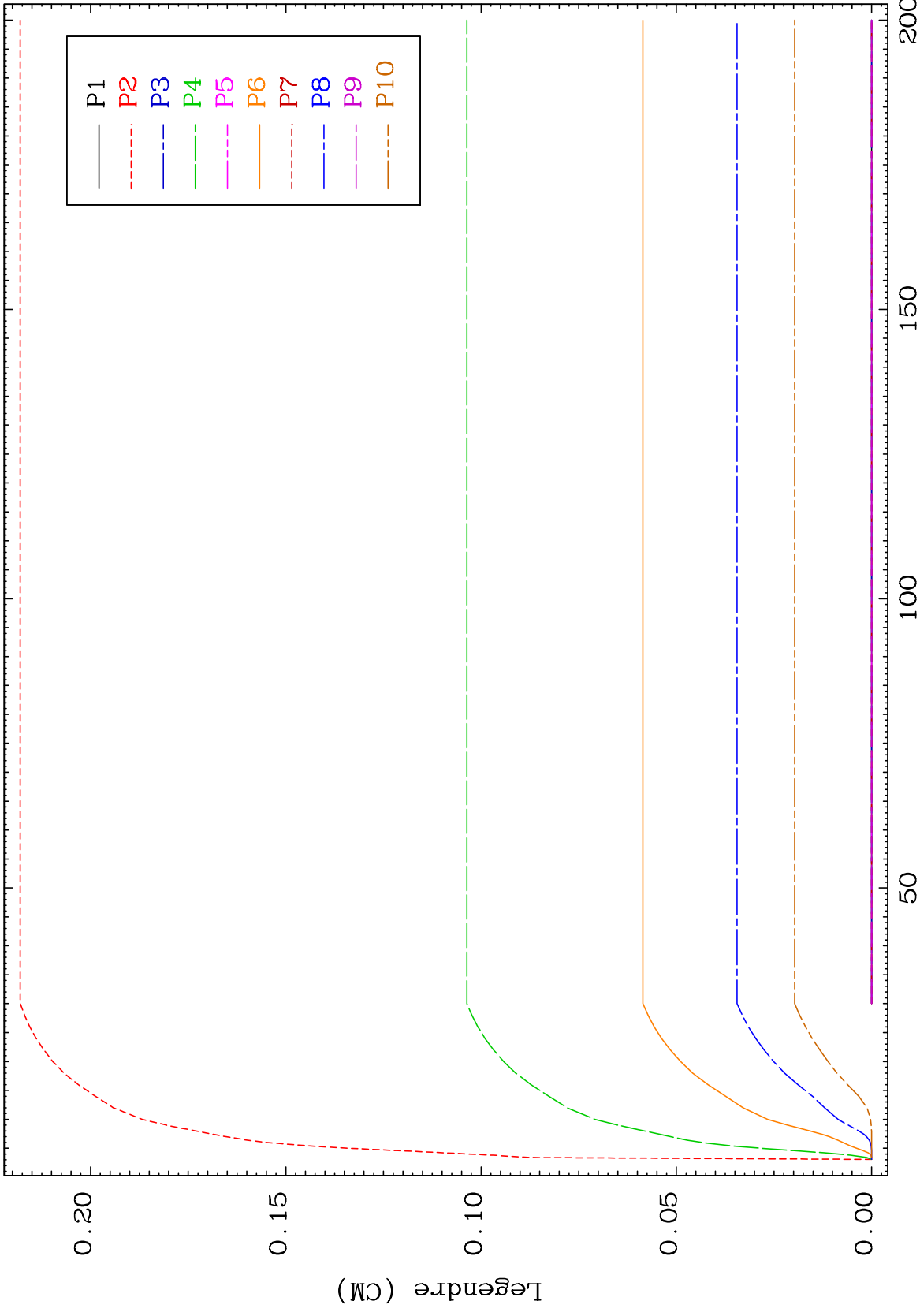
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

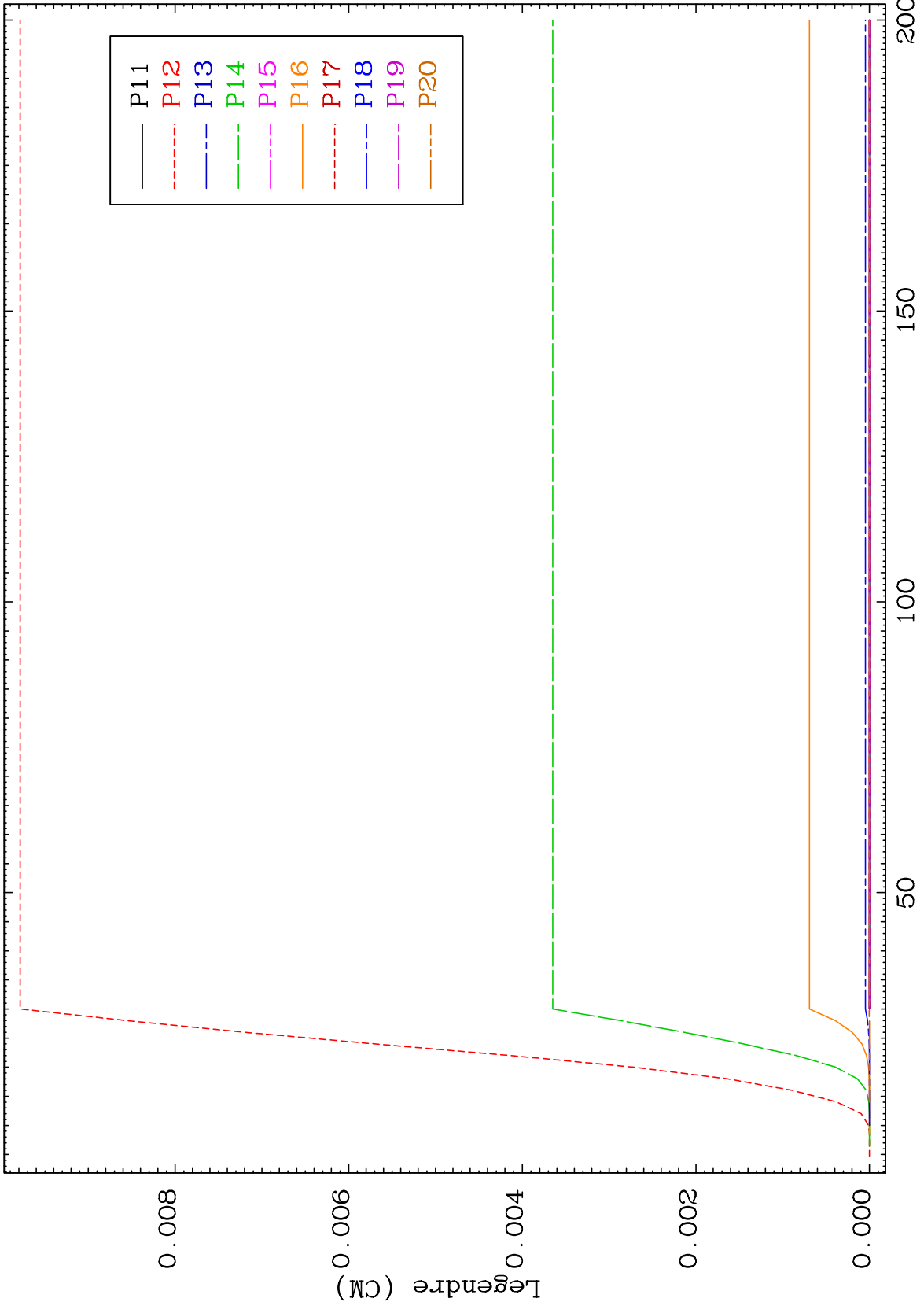


67

Incident Energy (MeV)

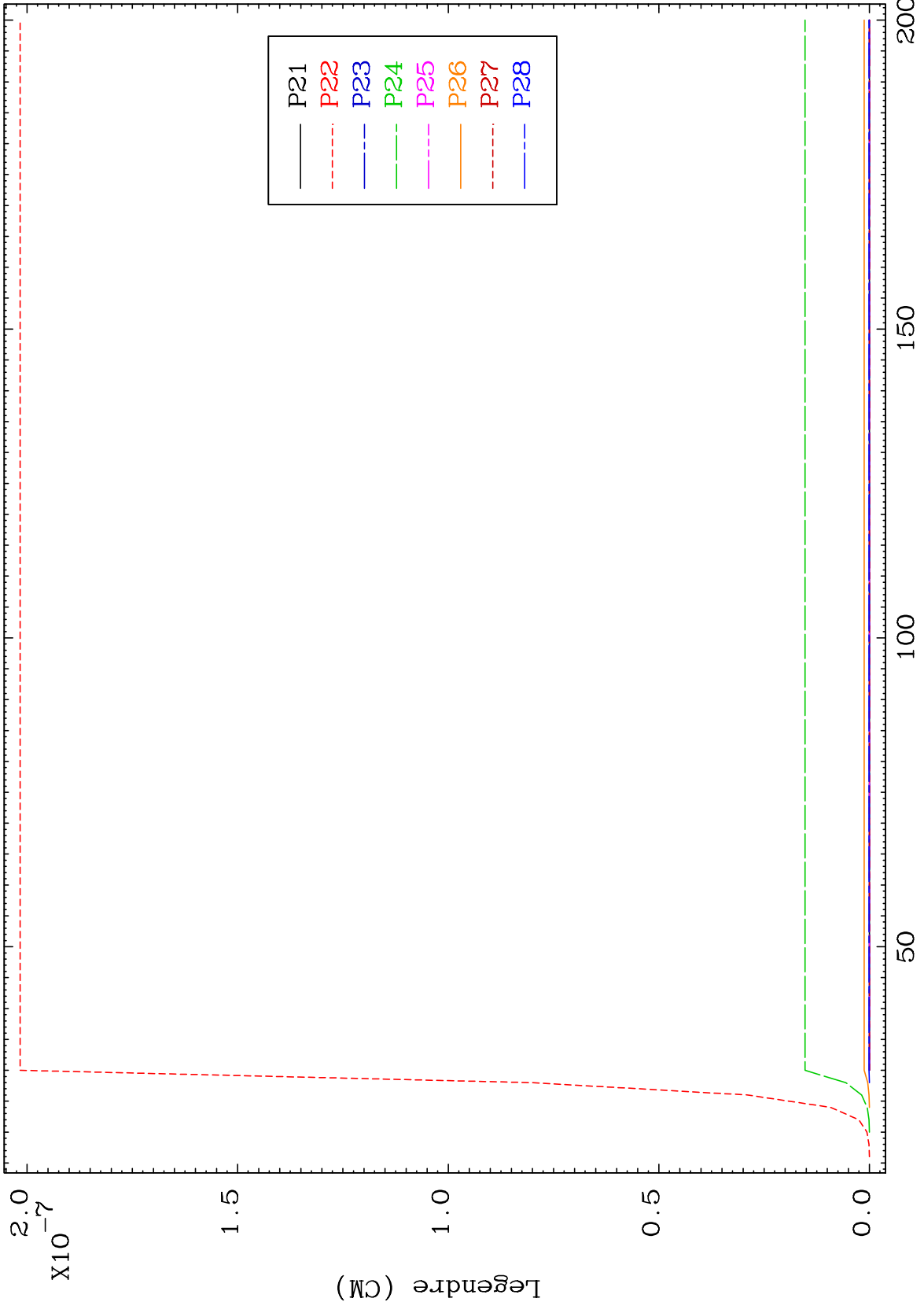
38-Sr-90

MAT 3843 MT= 64 (n,n') Level Legendre Coefficients 38-Sr-90



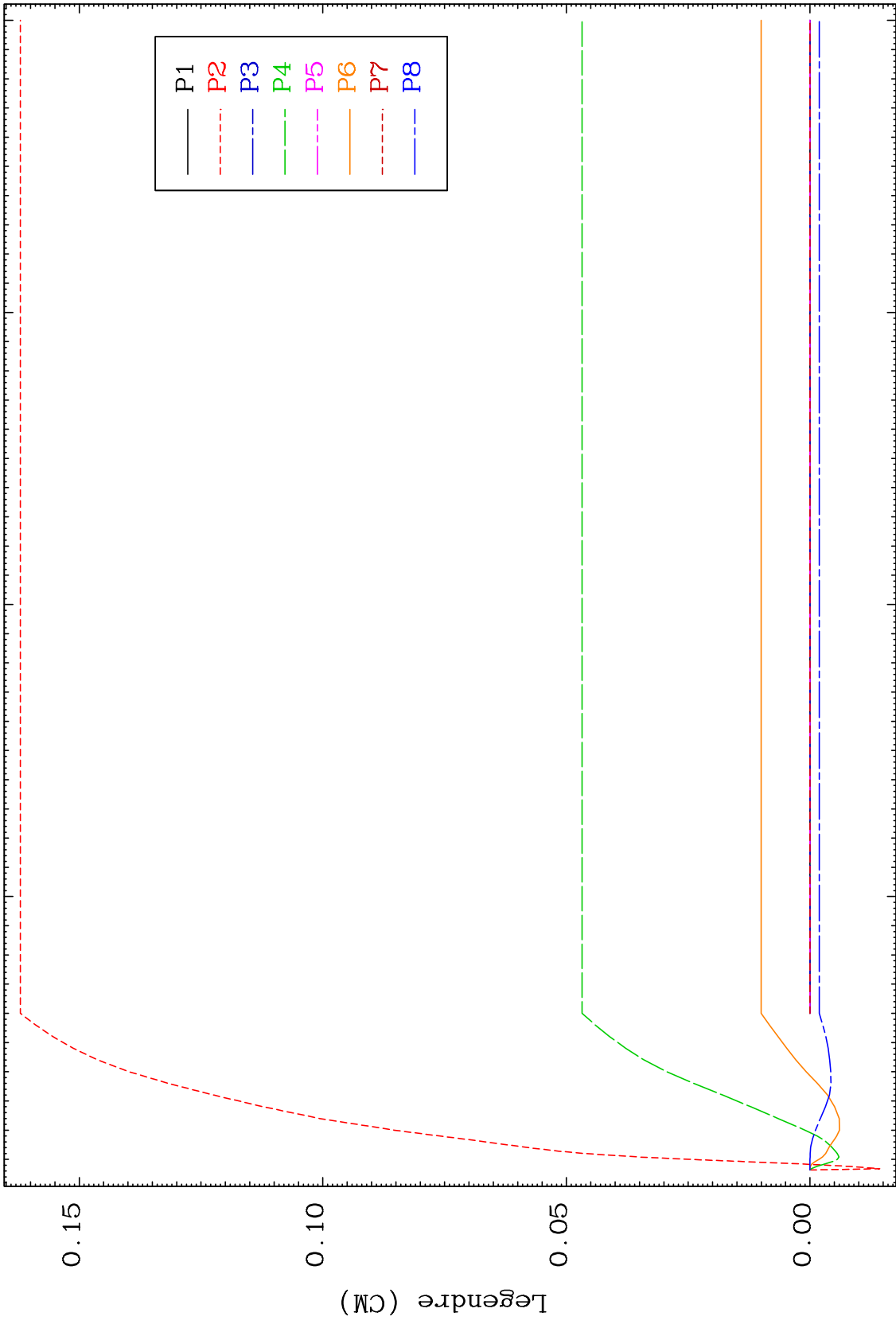
68 38-Sr-90

MAT 3843 MT= 64 (n,n') Level Legendre Coefficients 38-Sr-90



69 Incident Energy (MeV) 38-Sr-90

MAT 3843 MT= 65 (n,n') Level Legendre Coefficients 38-Sr-90

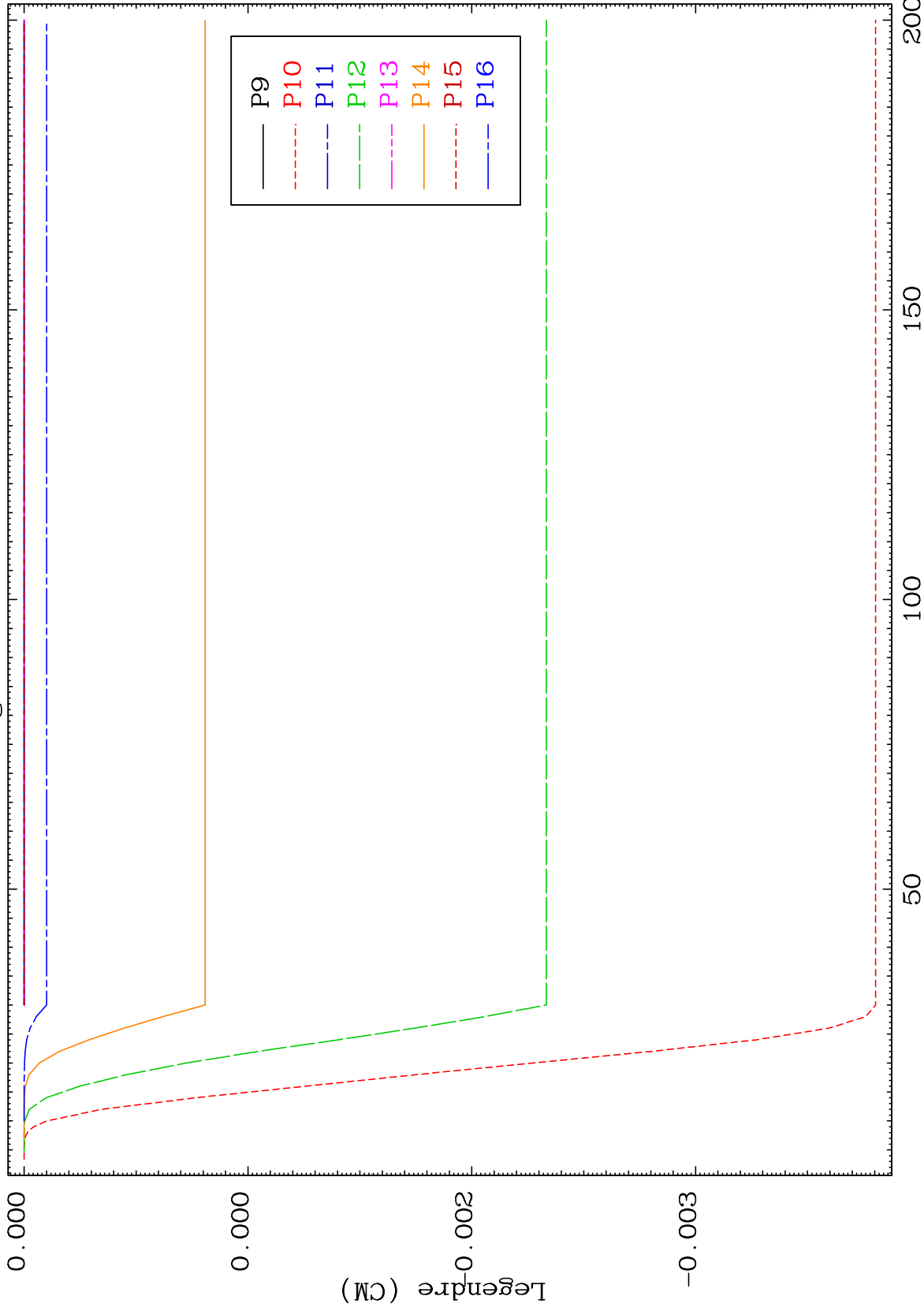


Legendre (CM) Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90

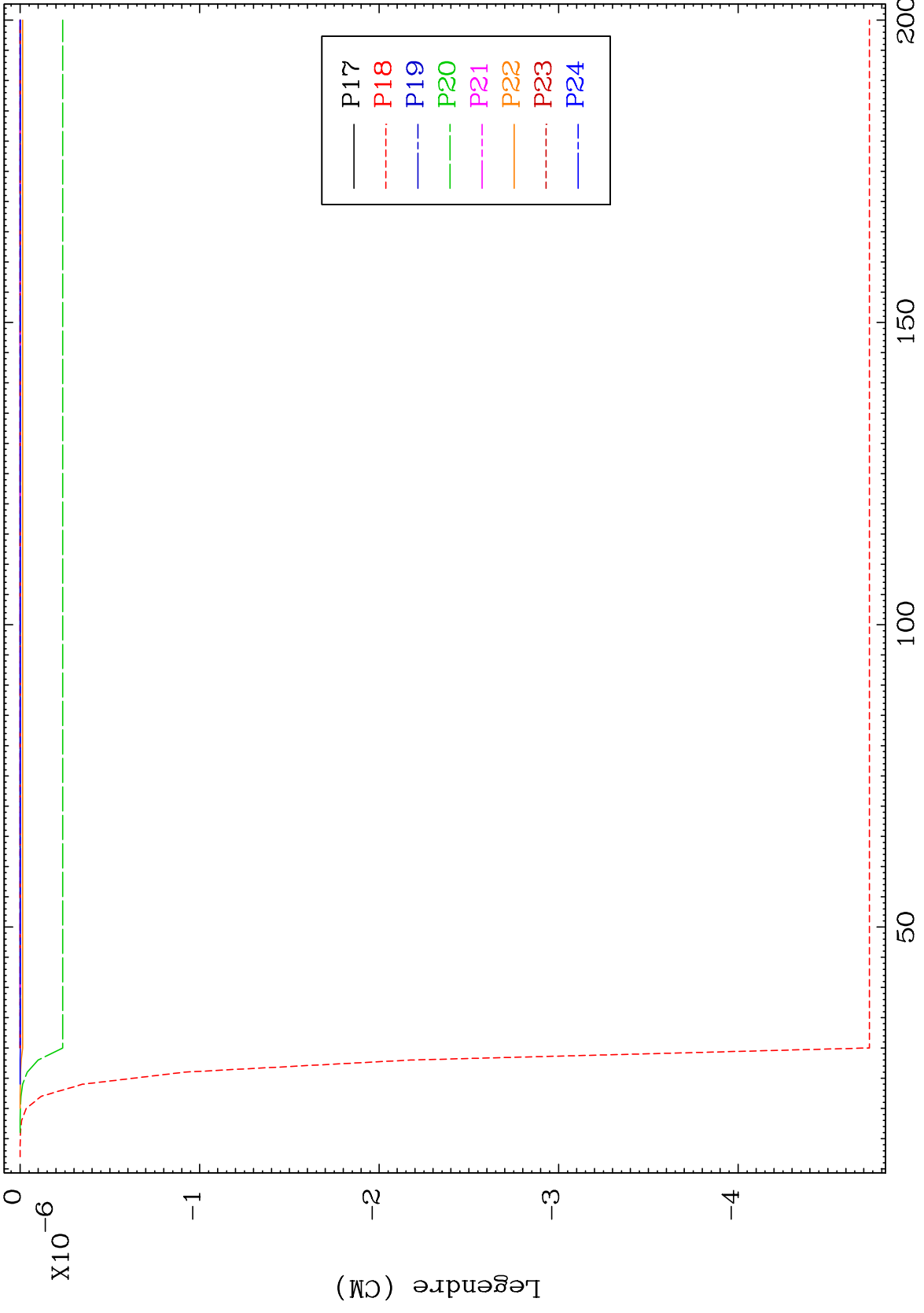


71

Incident Energy (MeV)

38-Sr-90

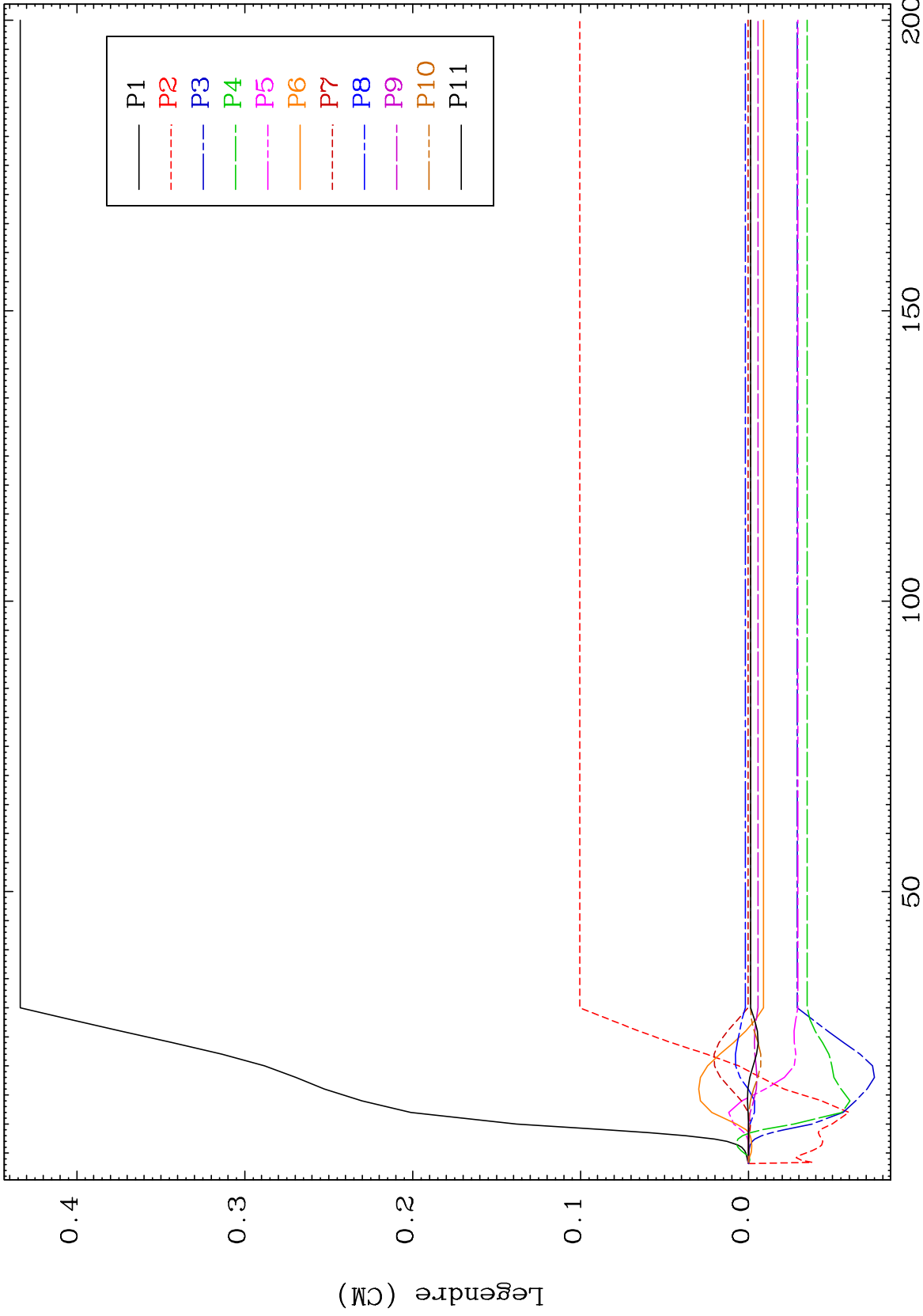
MAT 3843 MT= 65 (n,n') Level Legendre Coefficients 38-Sr-90



MAT 3843

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

38-Sr-90



73

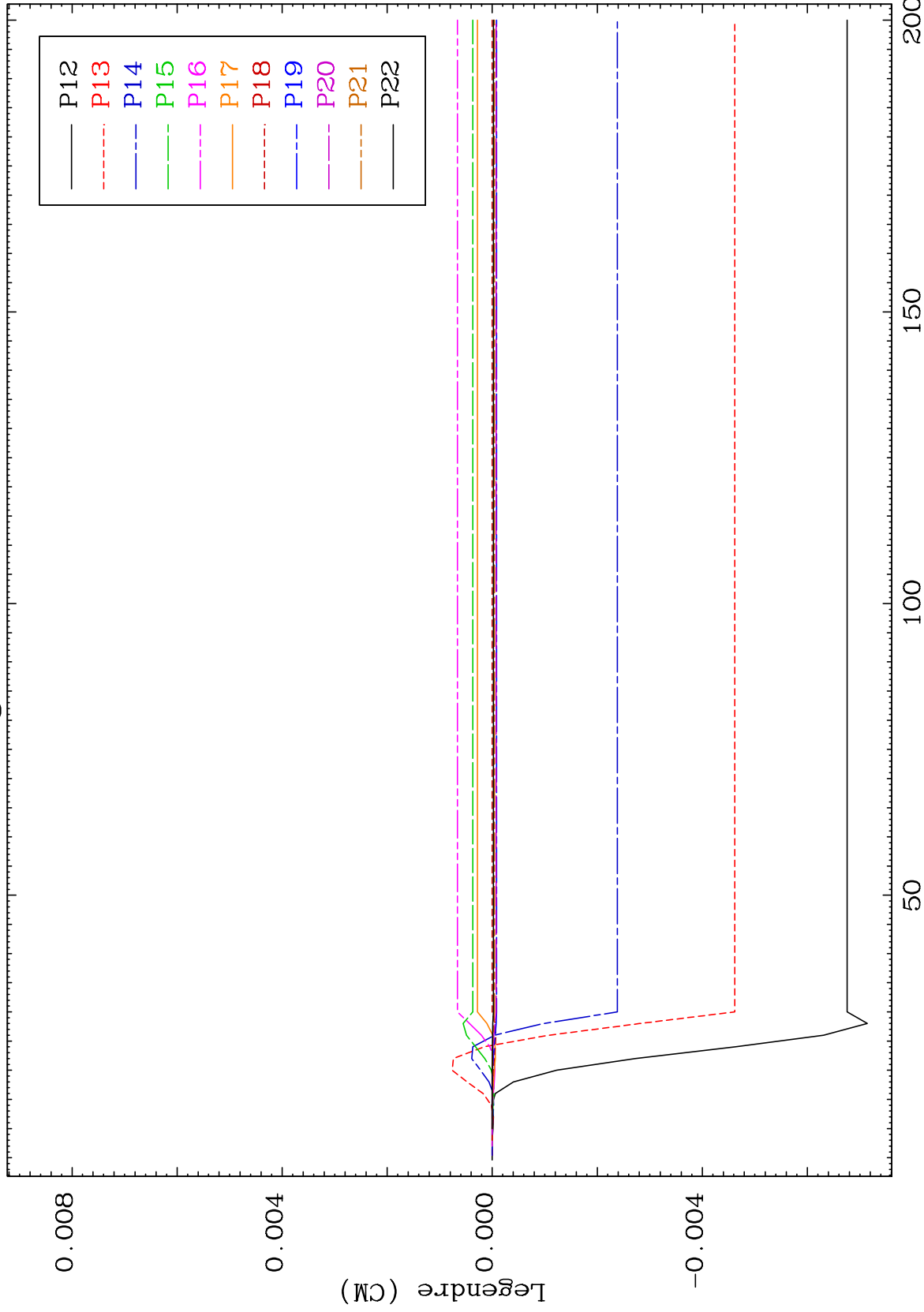
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



74

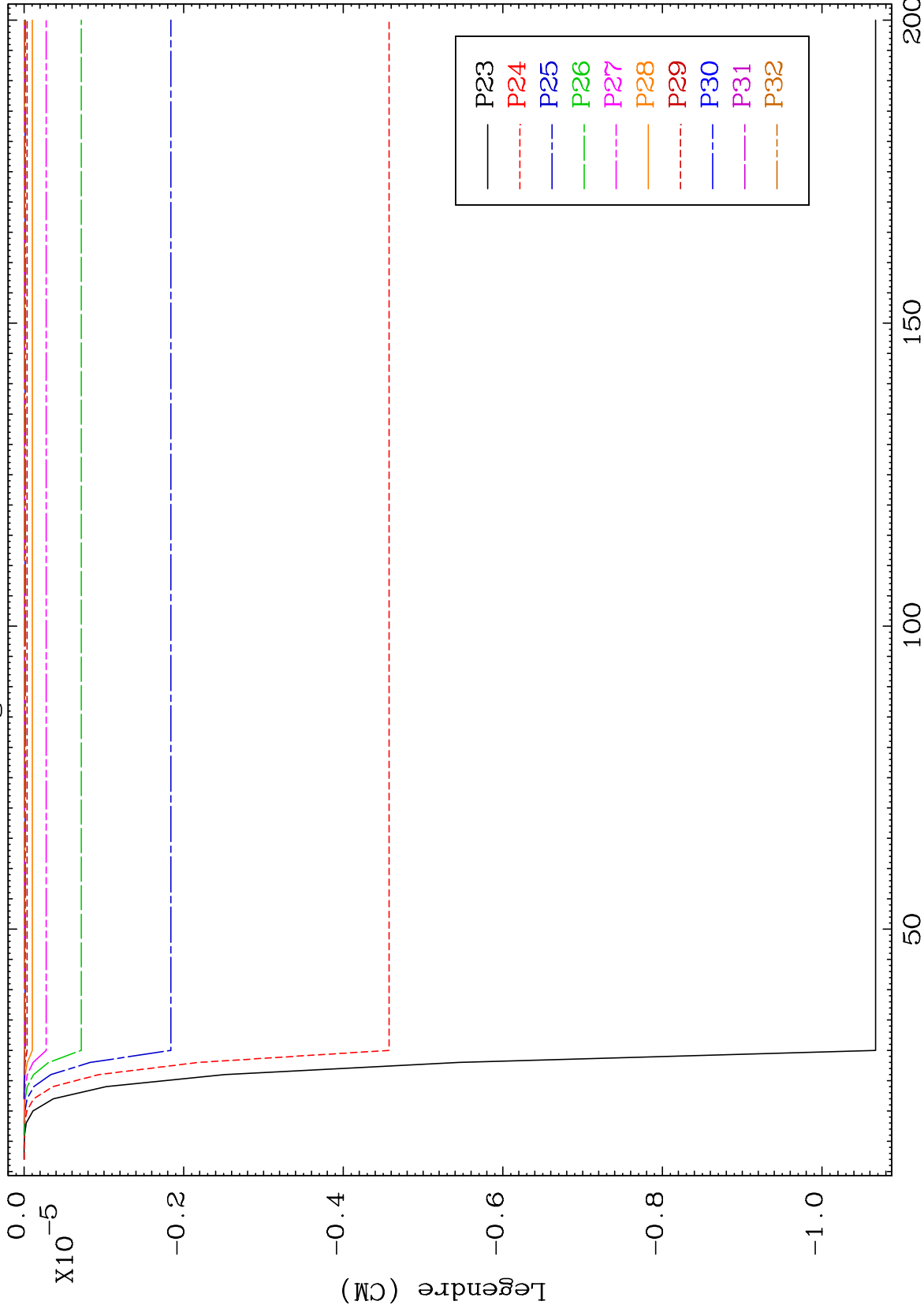
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

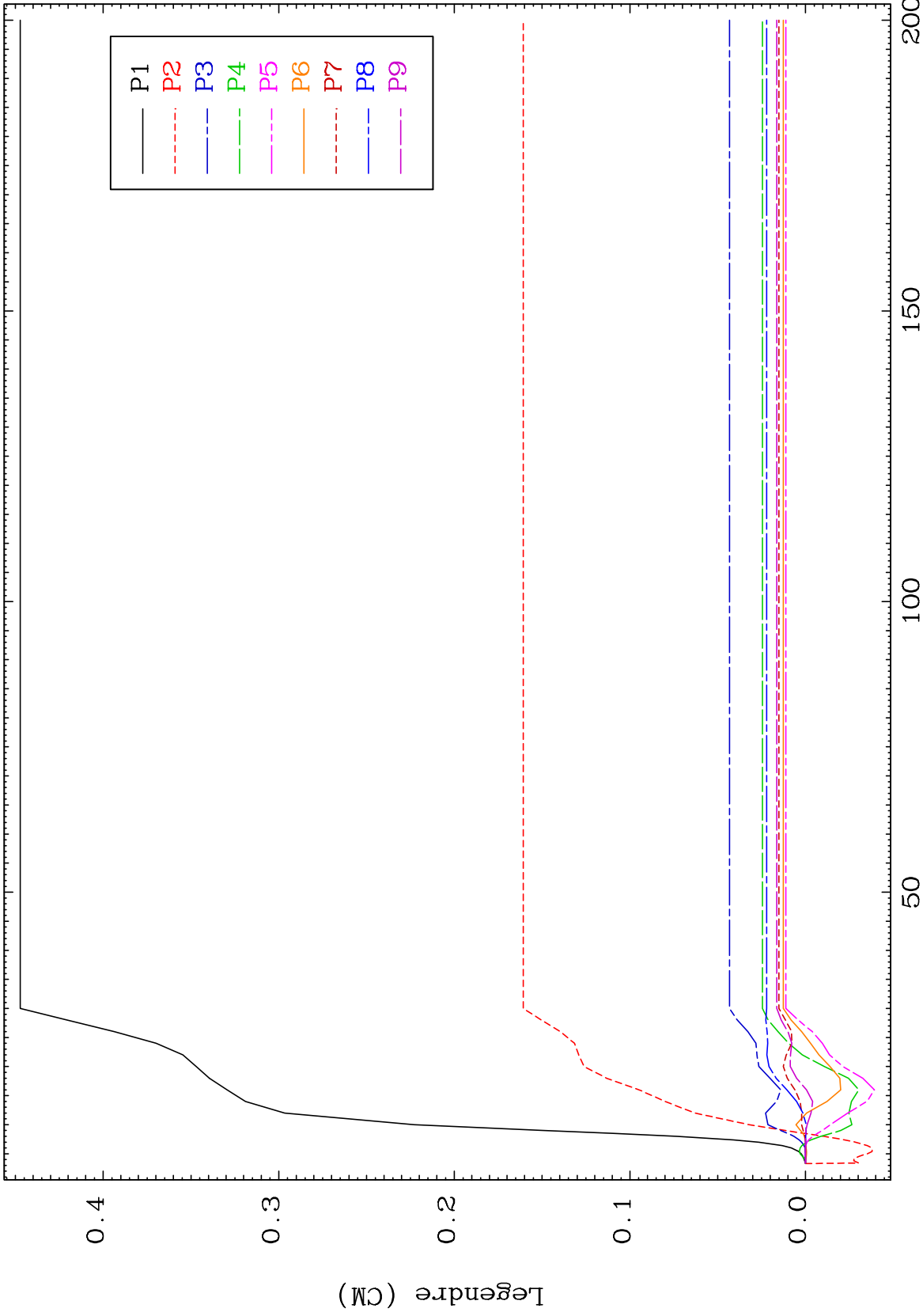
Incident Energy (MeV)

75

MAT 3843

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

38-Sr-90



76

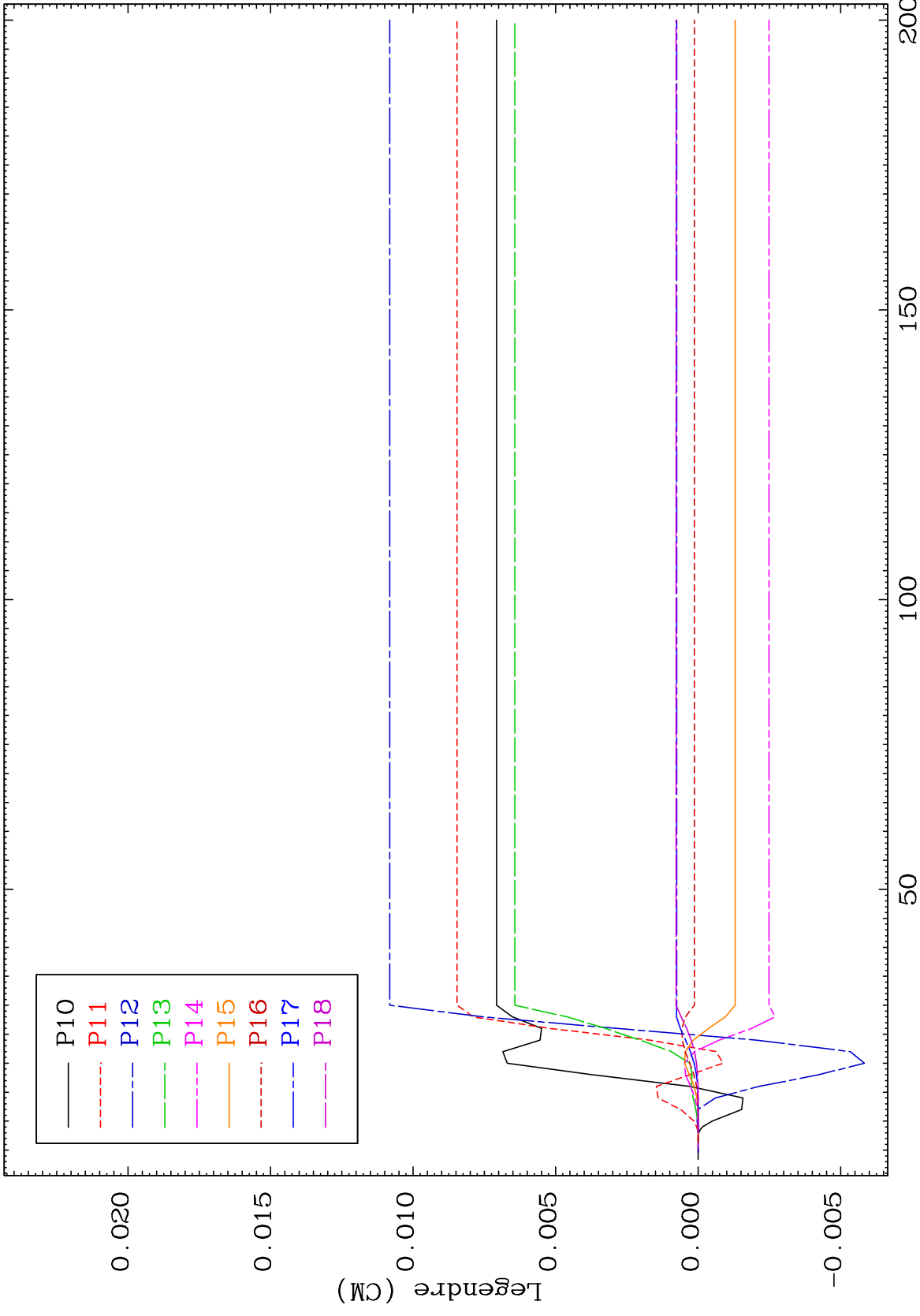
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



77

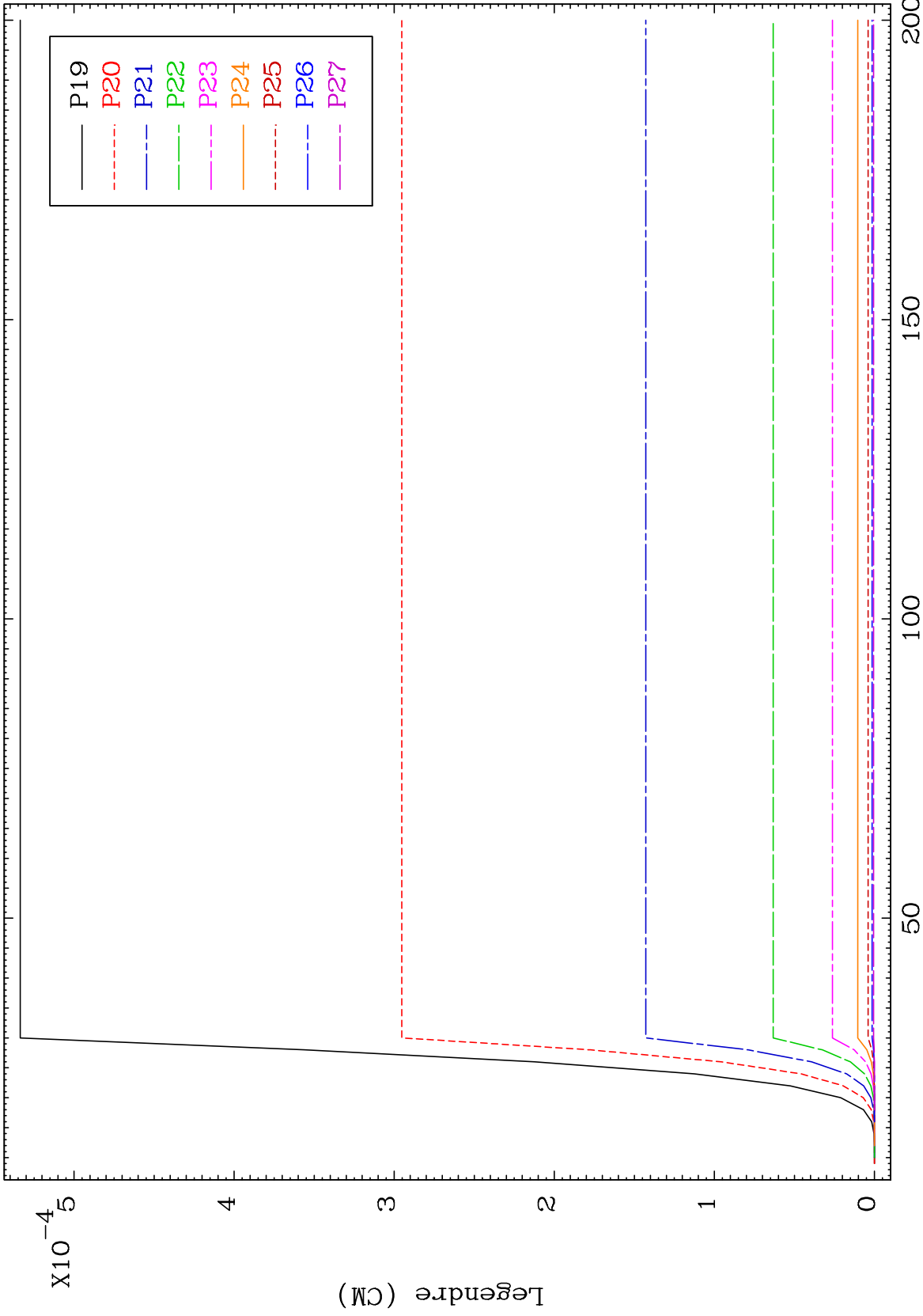
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



78

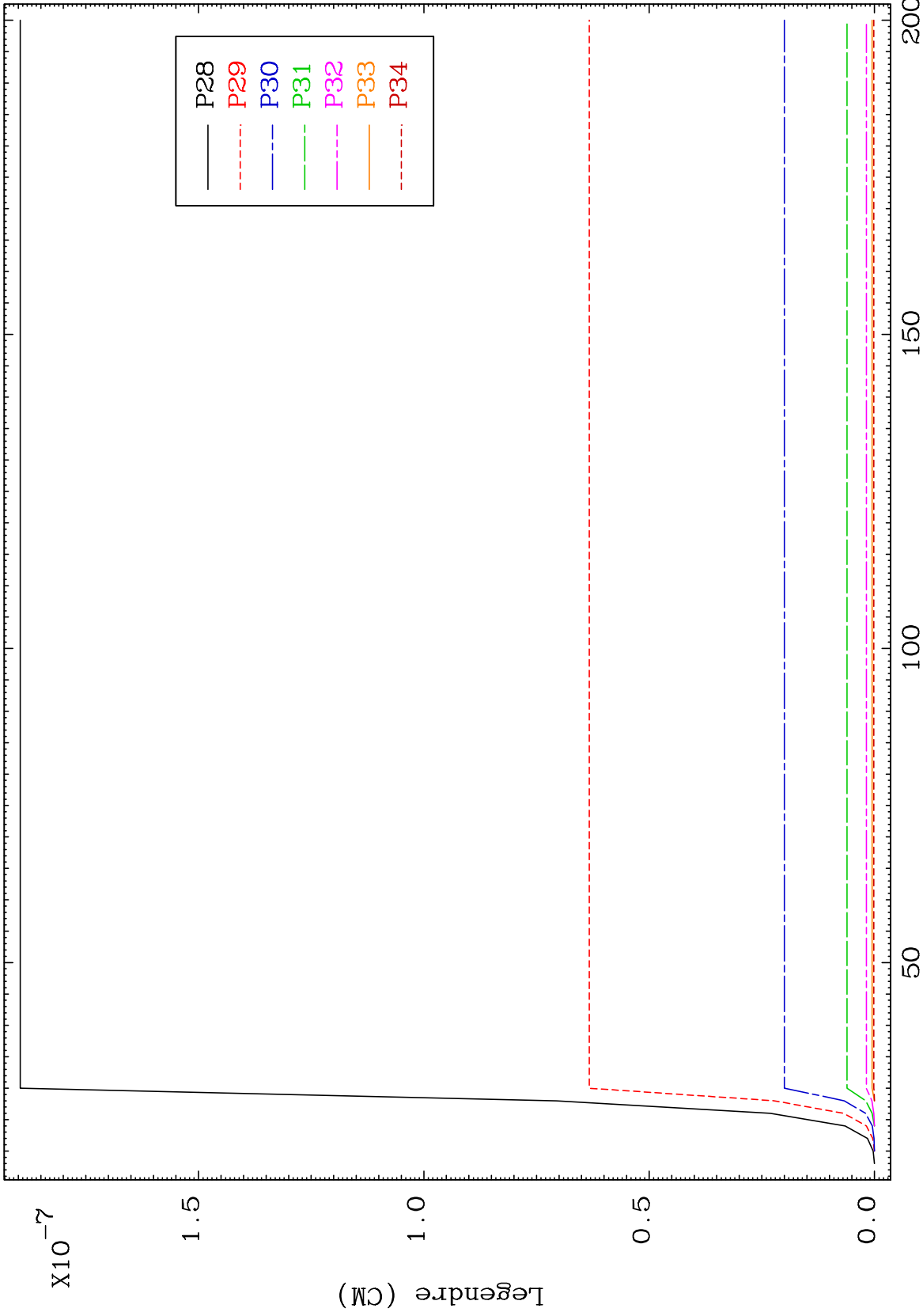
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



79

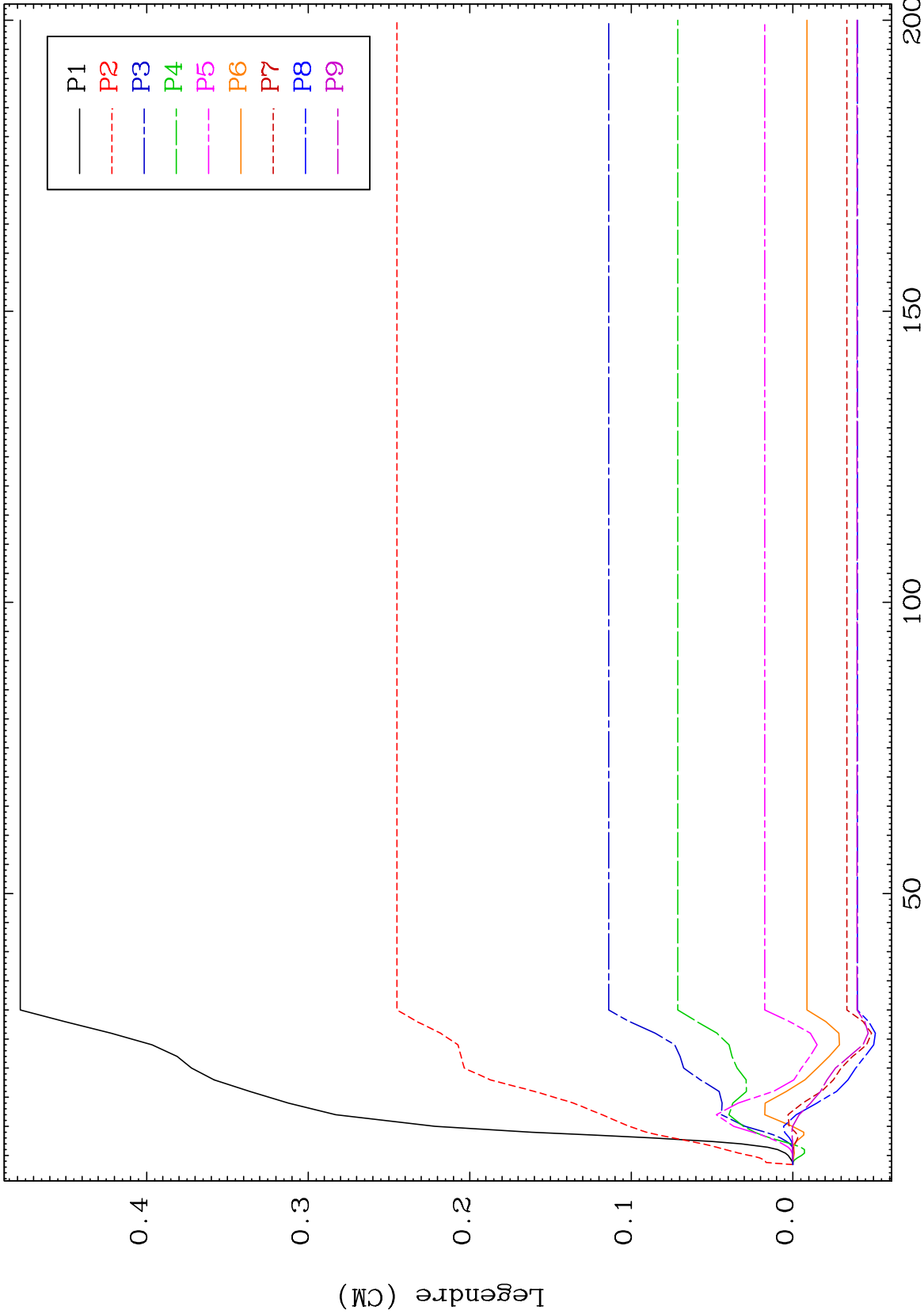
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



80

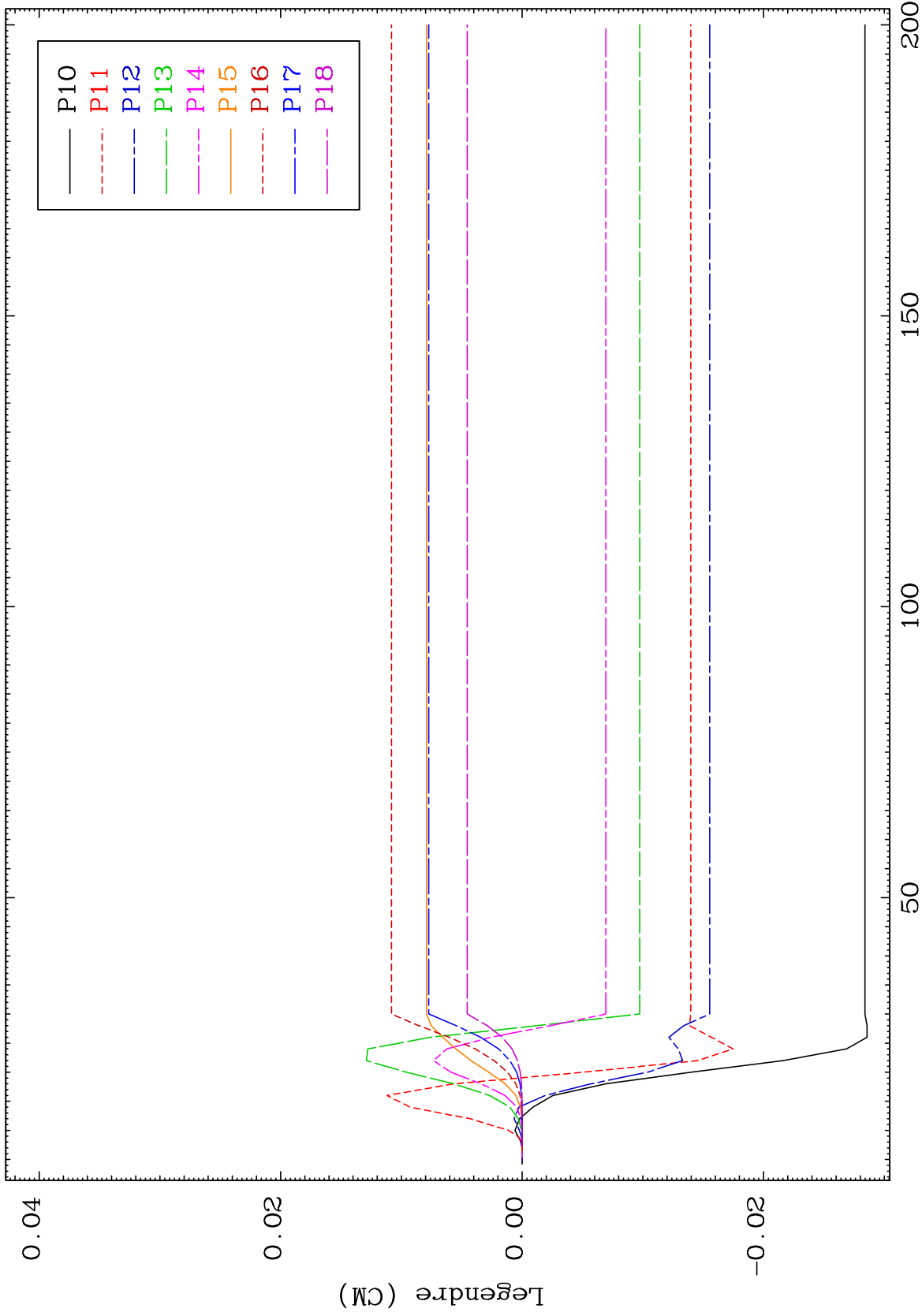
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



81

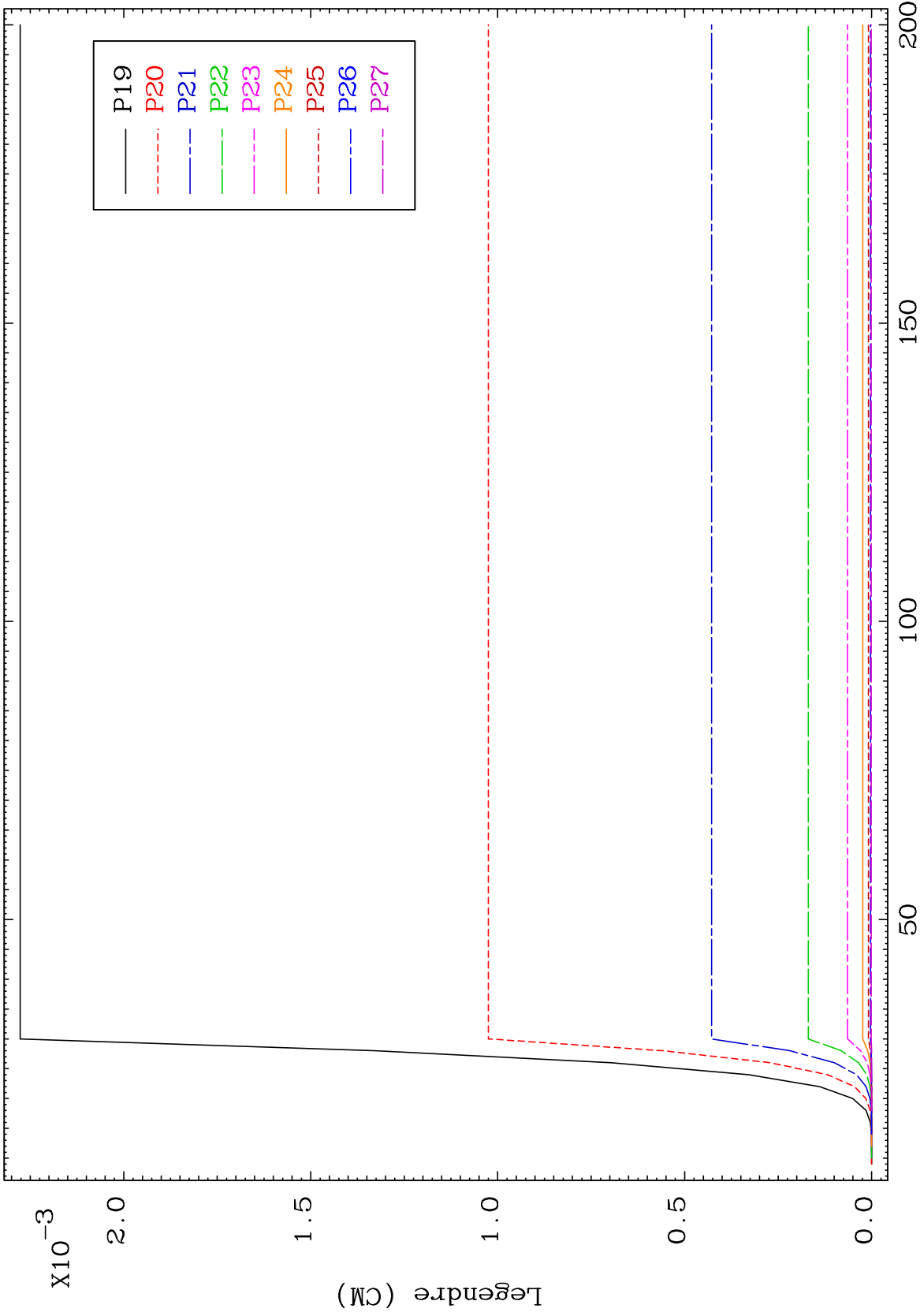
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



82

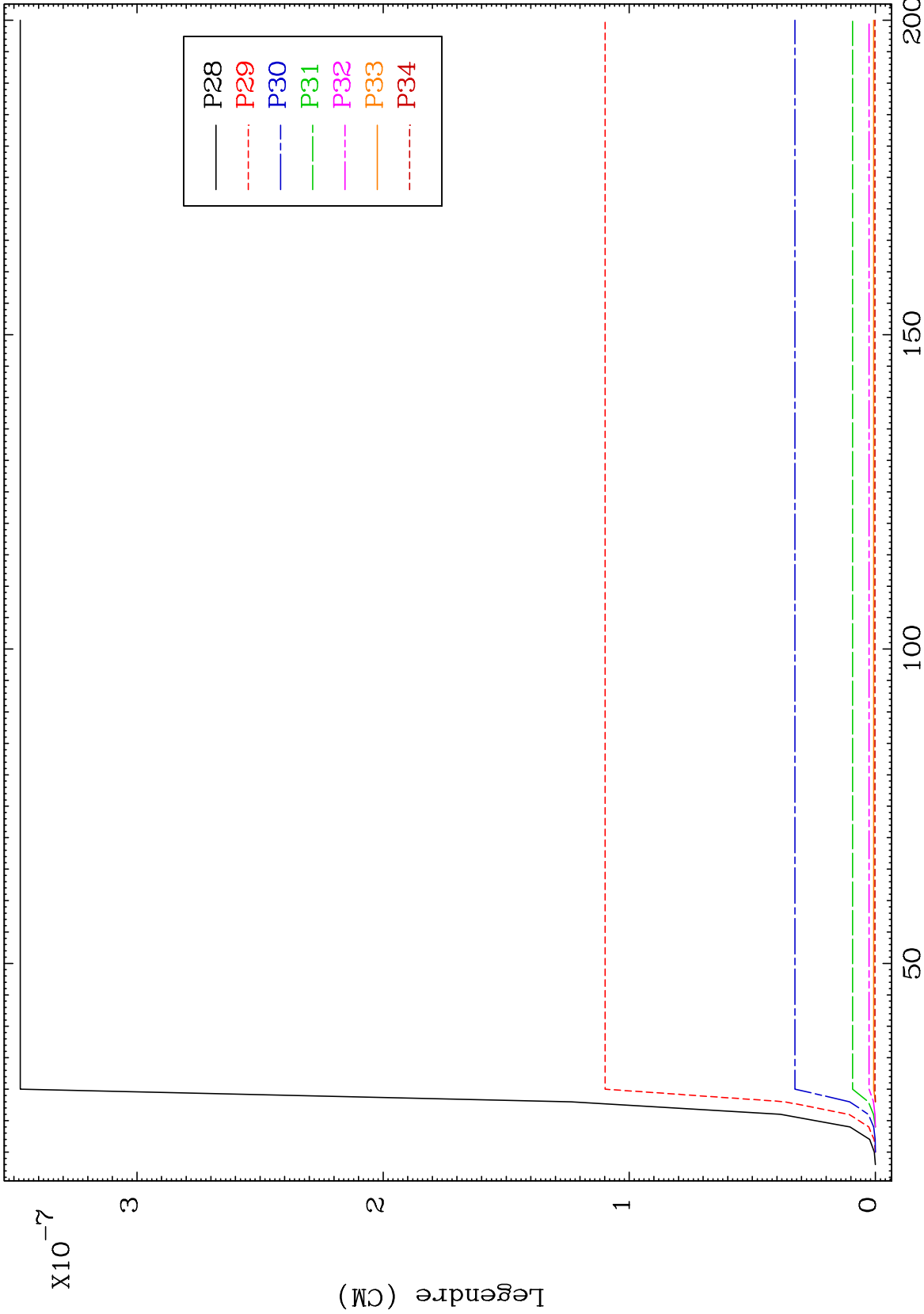
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



83

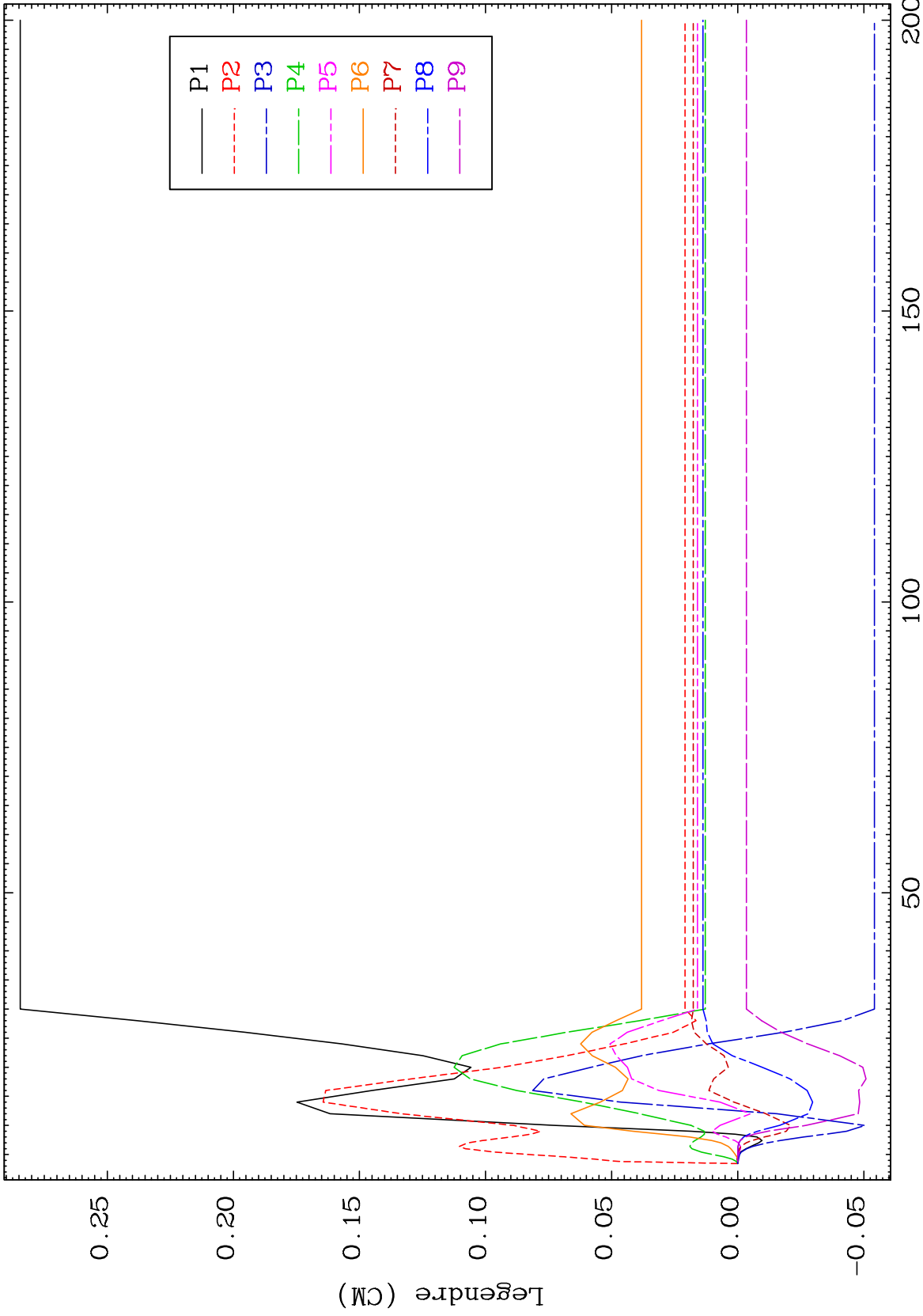
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



84

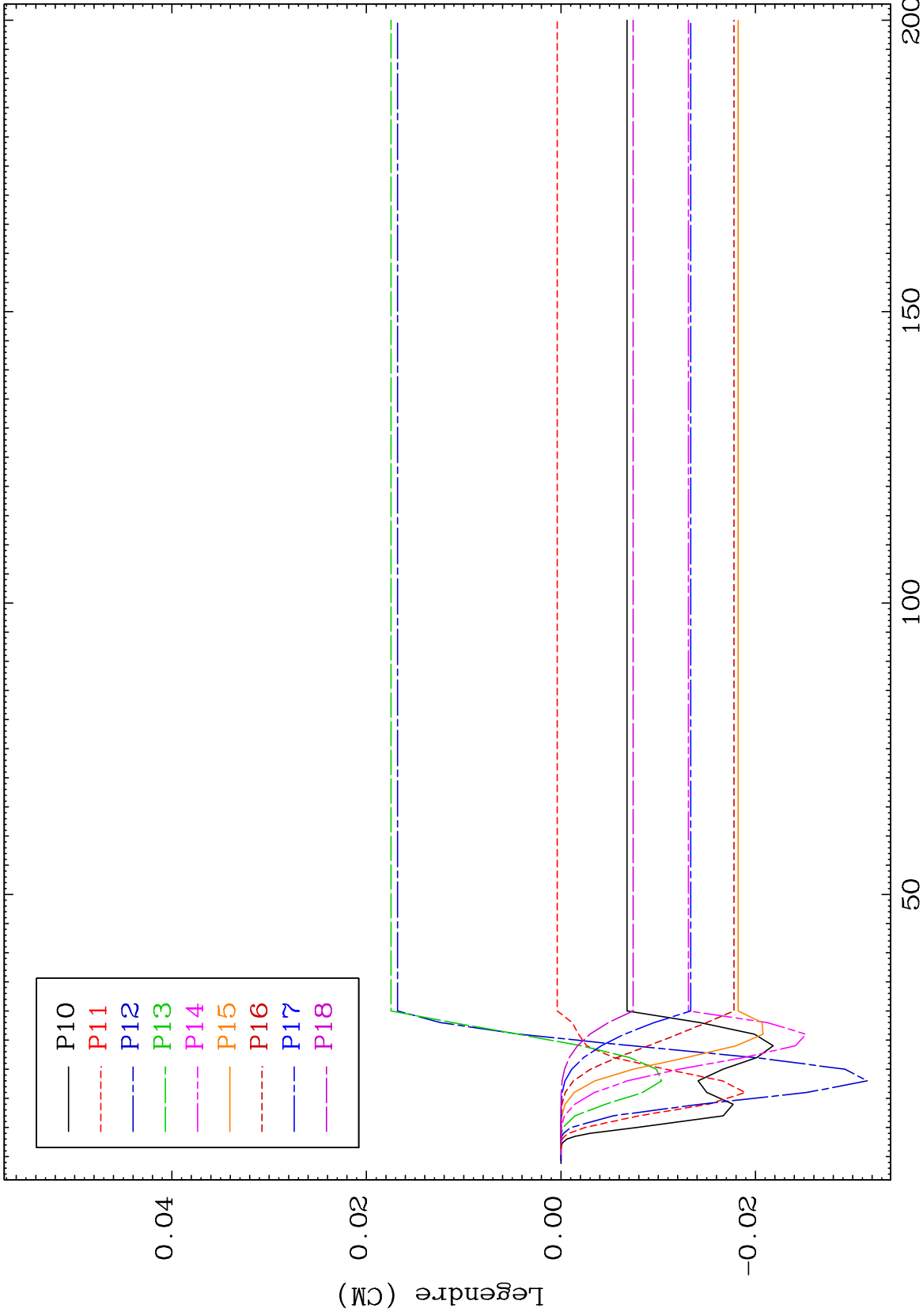
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

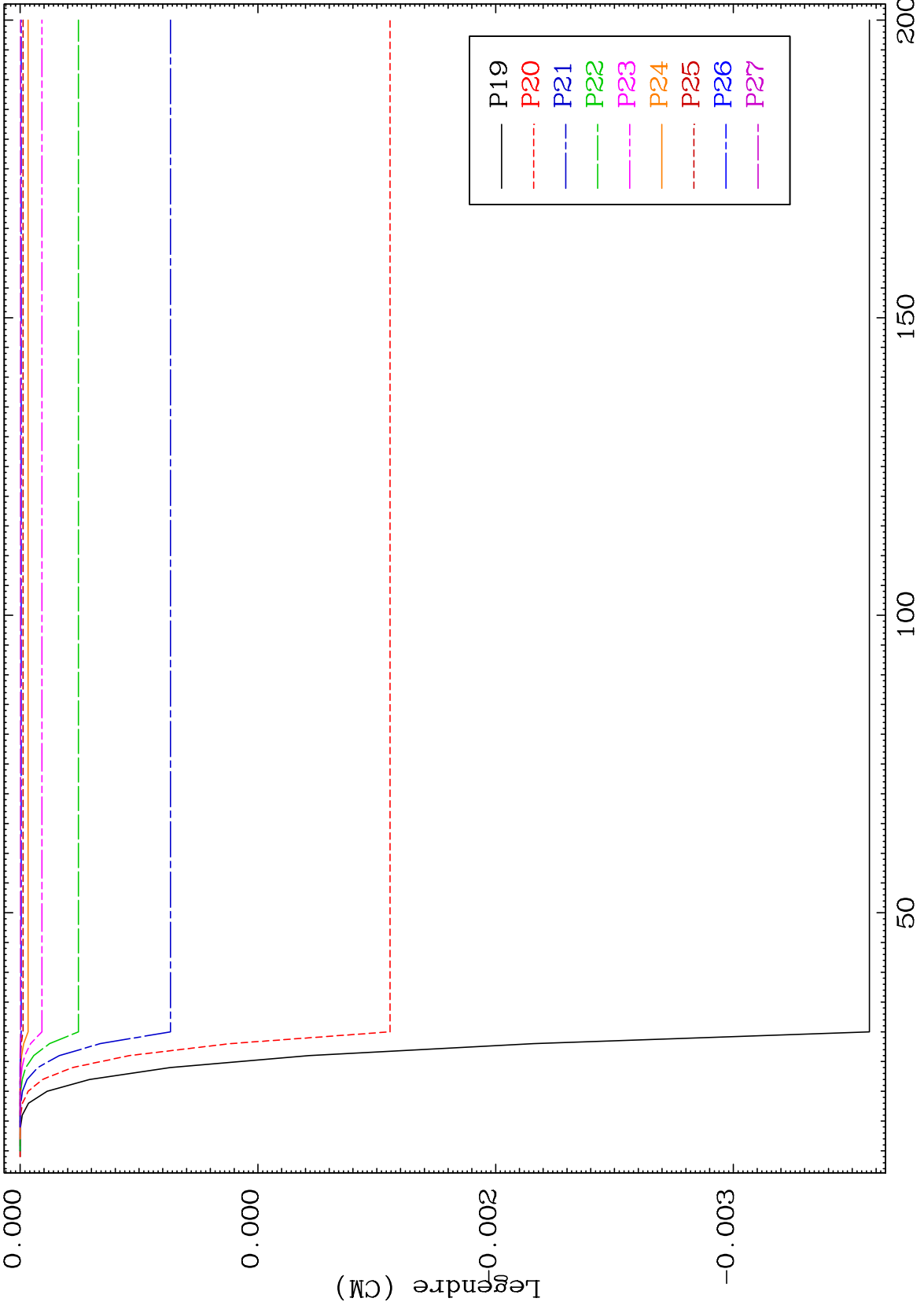


85

Incident Energy (MeV)

38-Sr-90

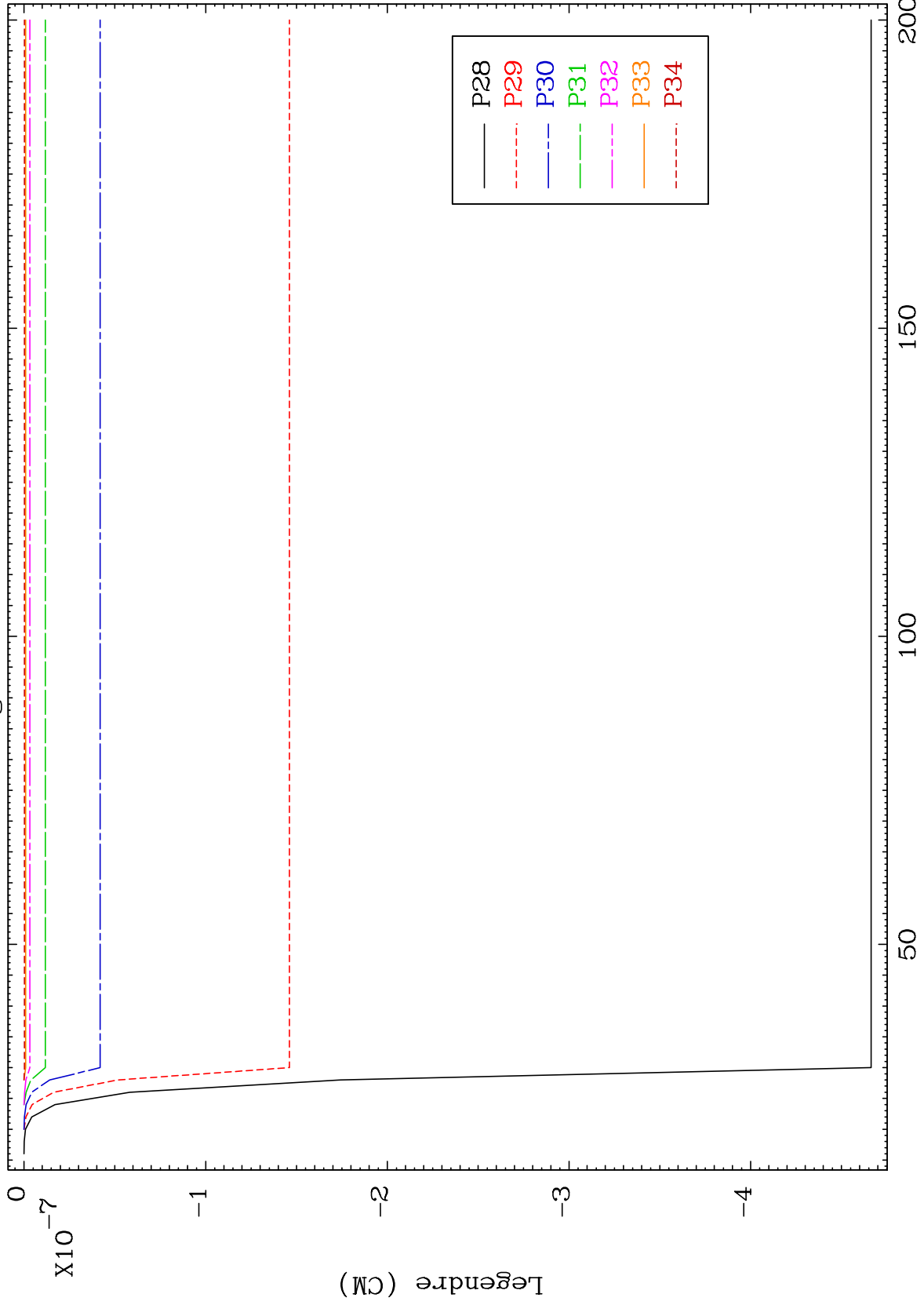
MAT 3843 MT= 69 (n,n') Level Legendre Coefficients 38-Sr-90



MAT 3843

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

38-Sr-90



87

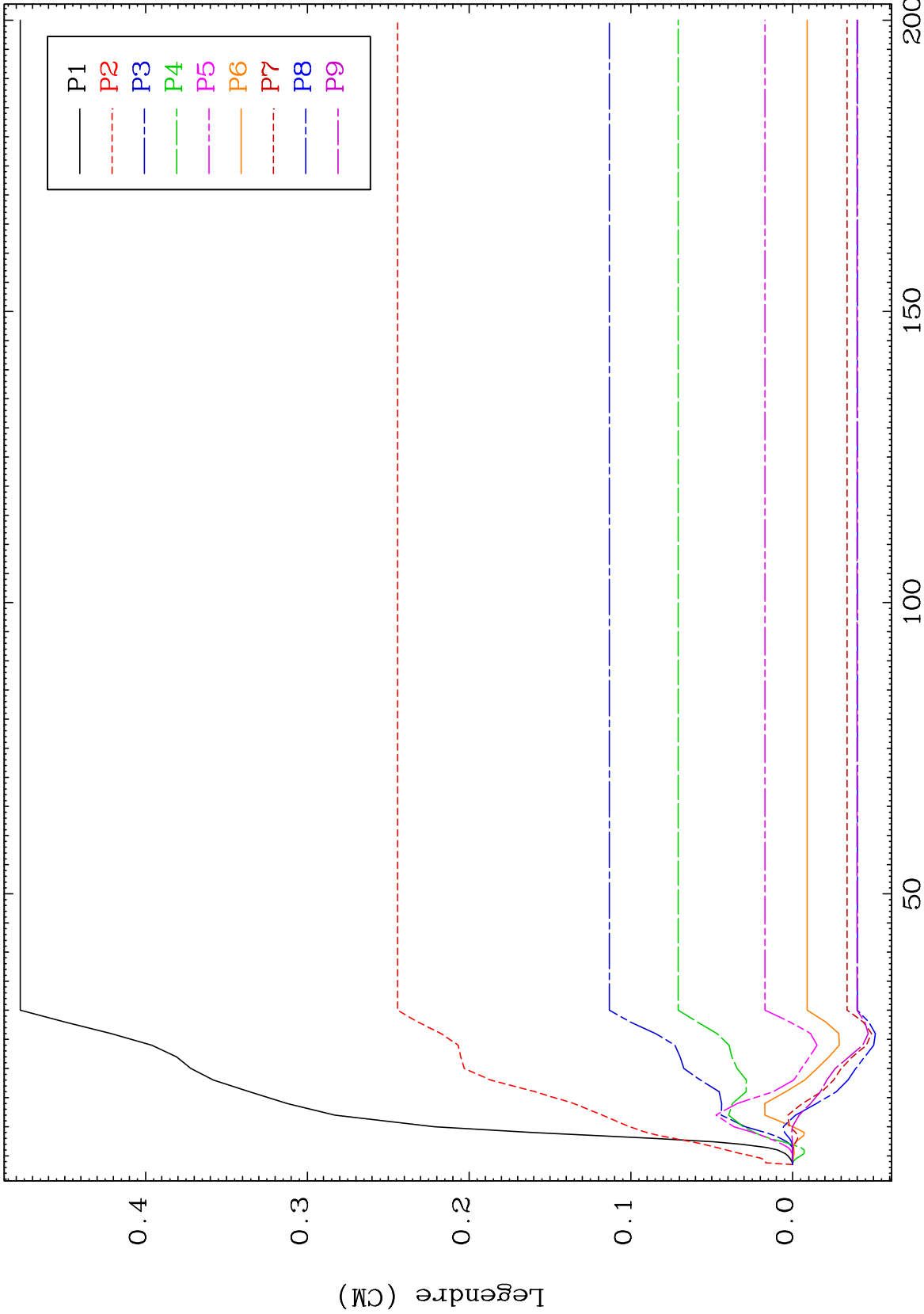
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



88

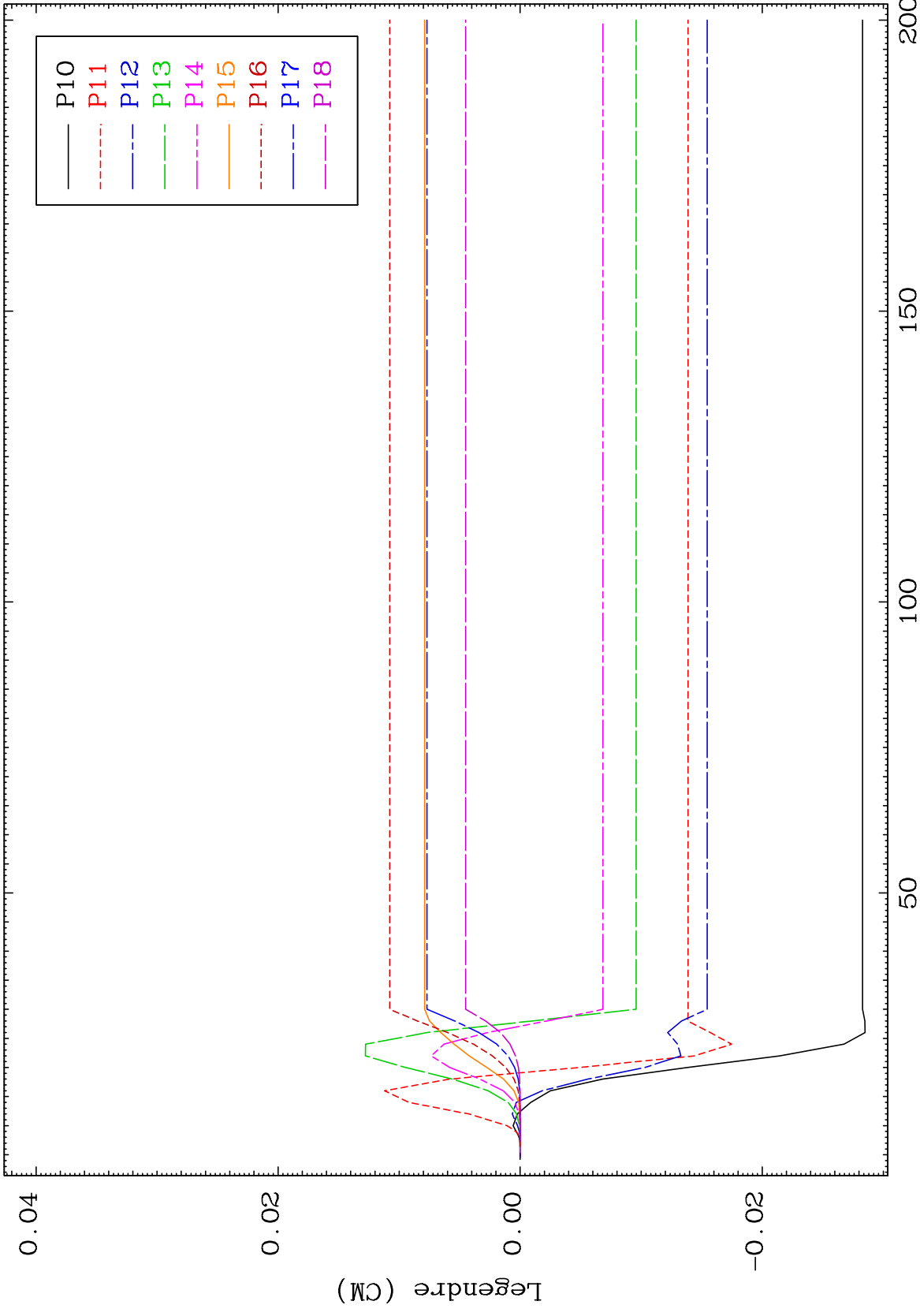
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



89

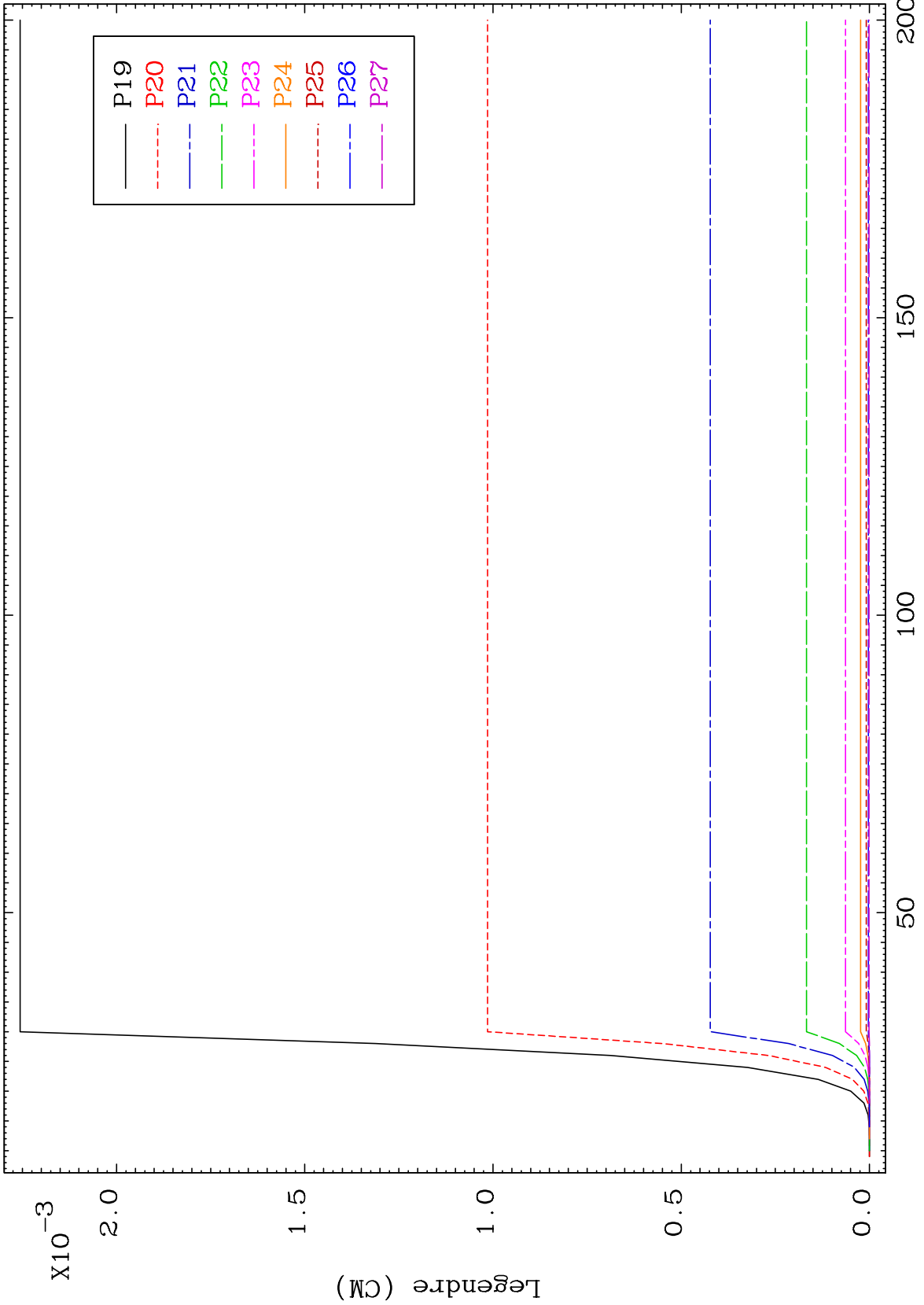
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



90

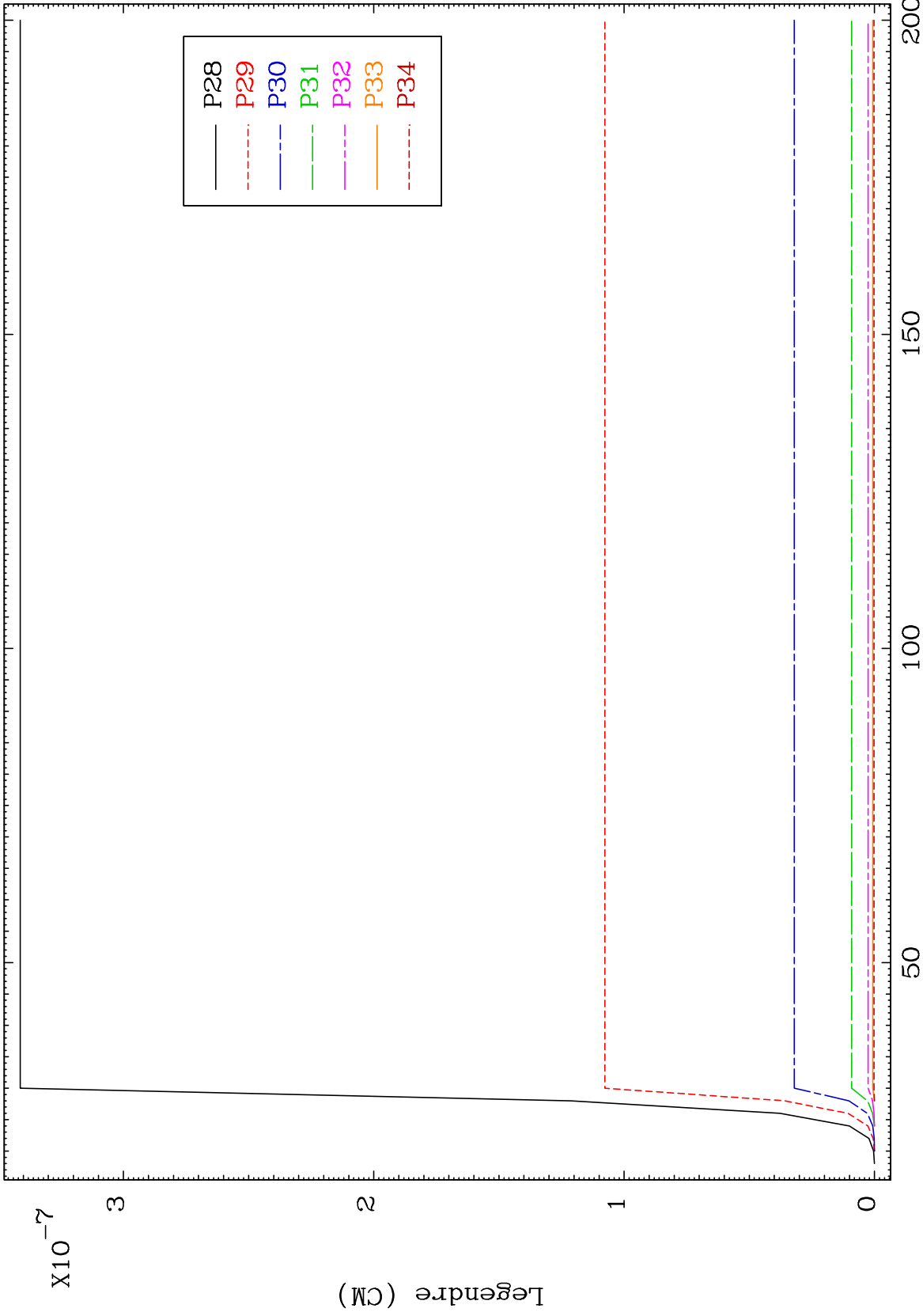
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90

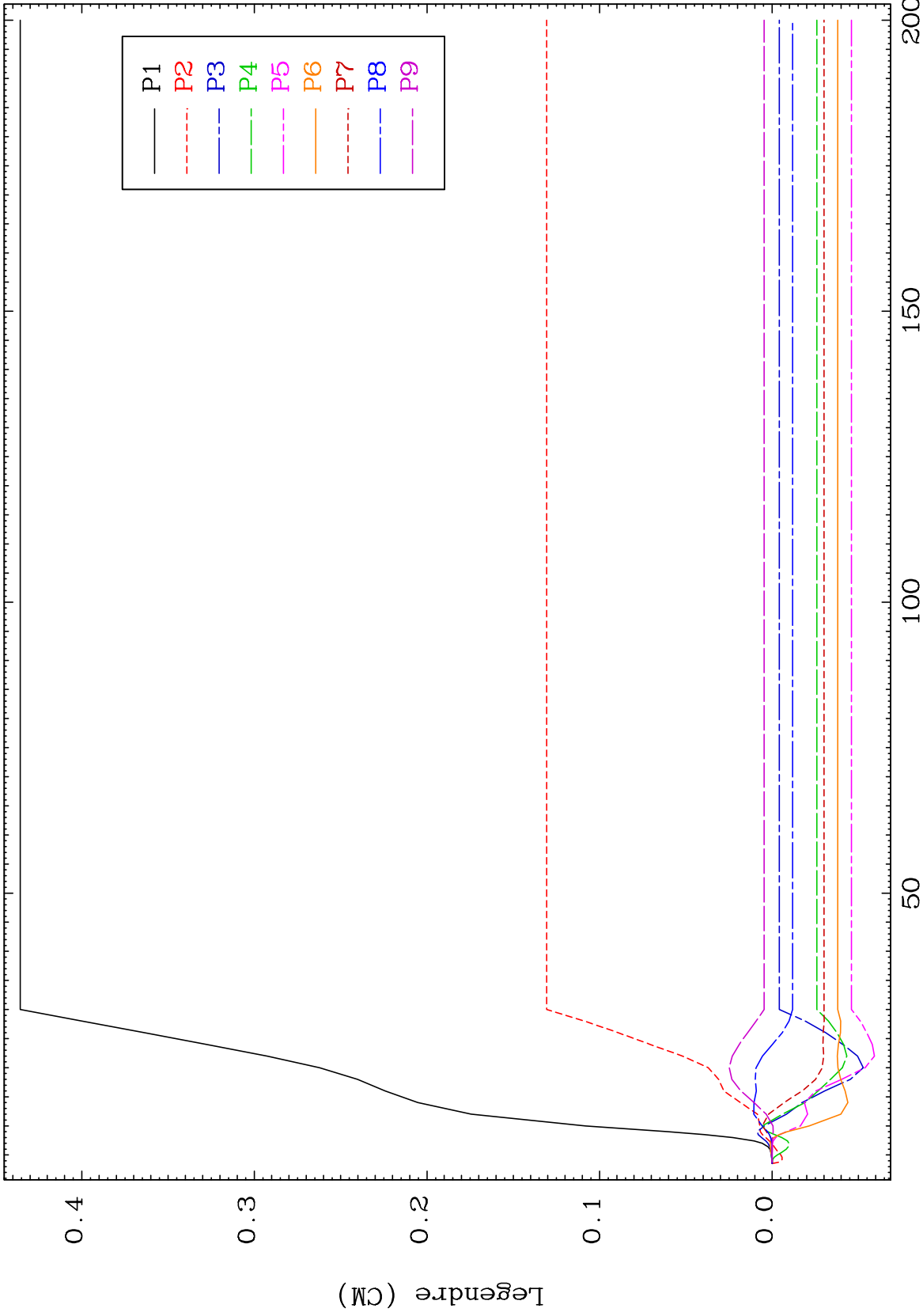


91

MAT 3843

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

38-Sr-90

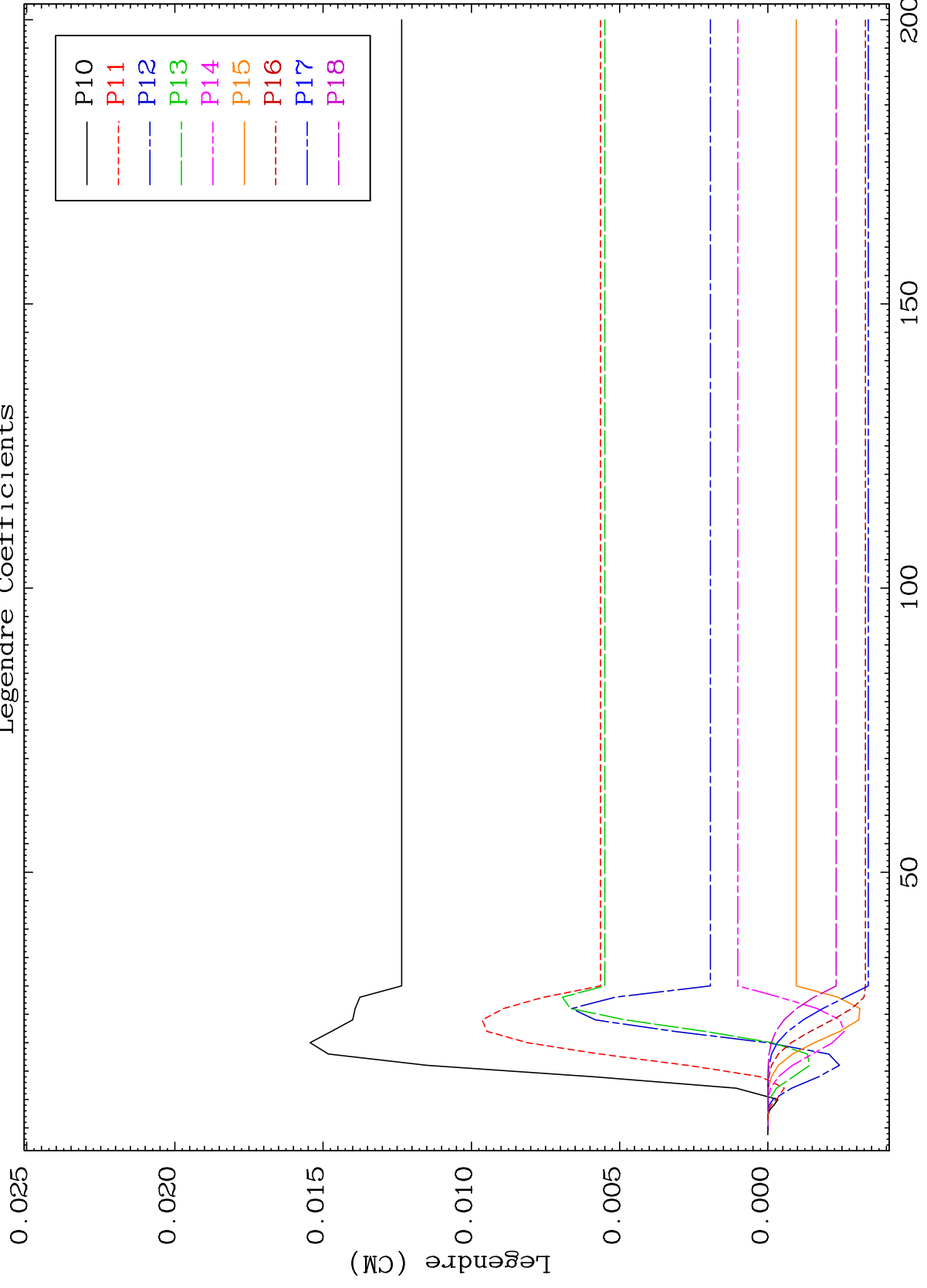


92

Incident Energy (MeV)

38-Sr-90

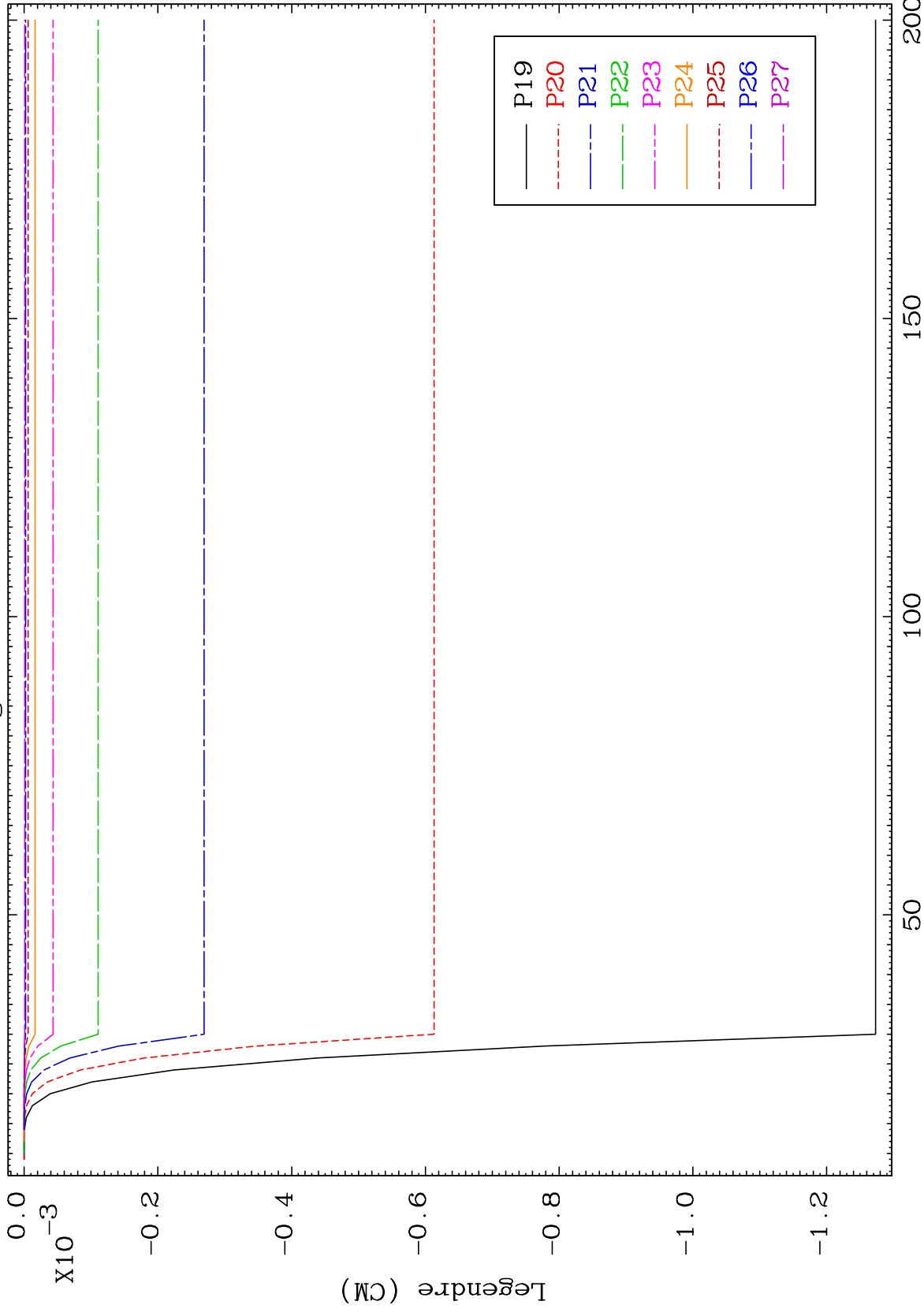
MAT 3843 MT= 71 (n,n') Level Legendre Coefficients 38-Sr-90



MAT 3843

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

38-Sr-90



38-Sr-90

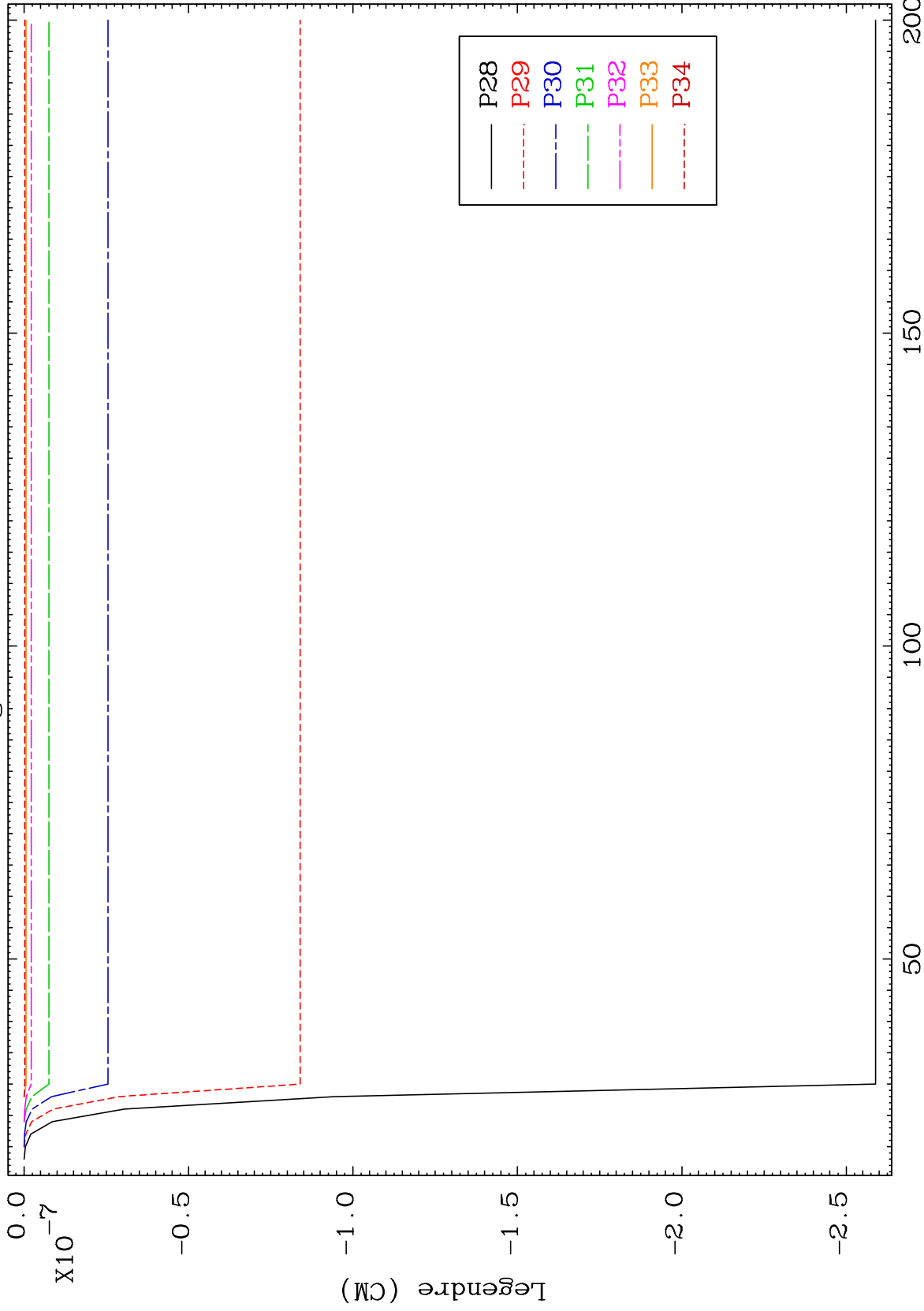
Incident Energy (MeV)

94

MAT 3843

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

38-Sr-90



95

100

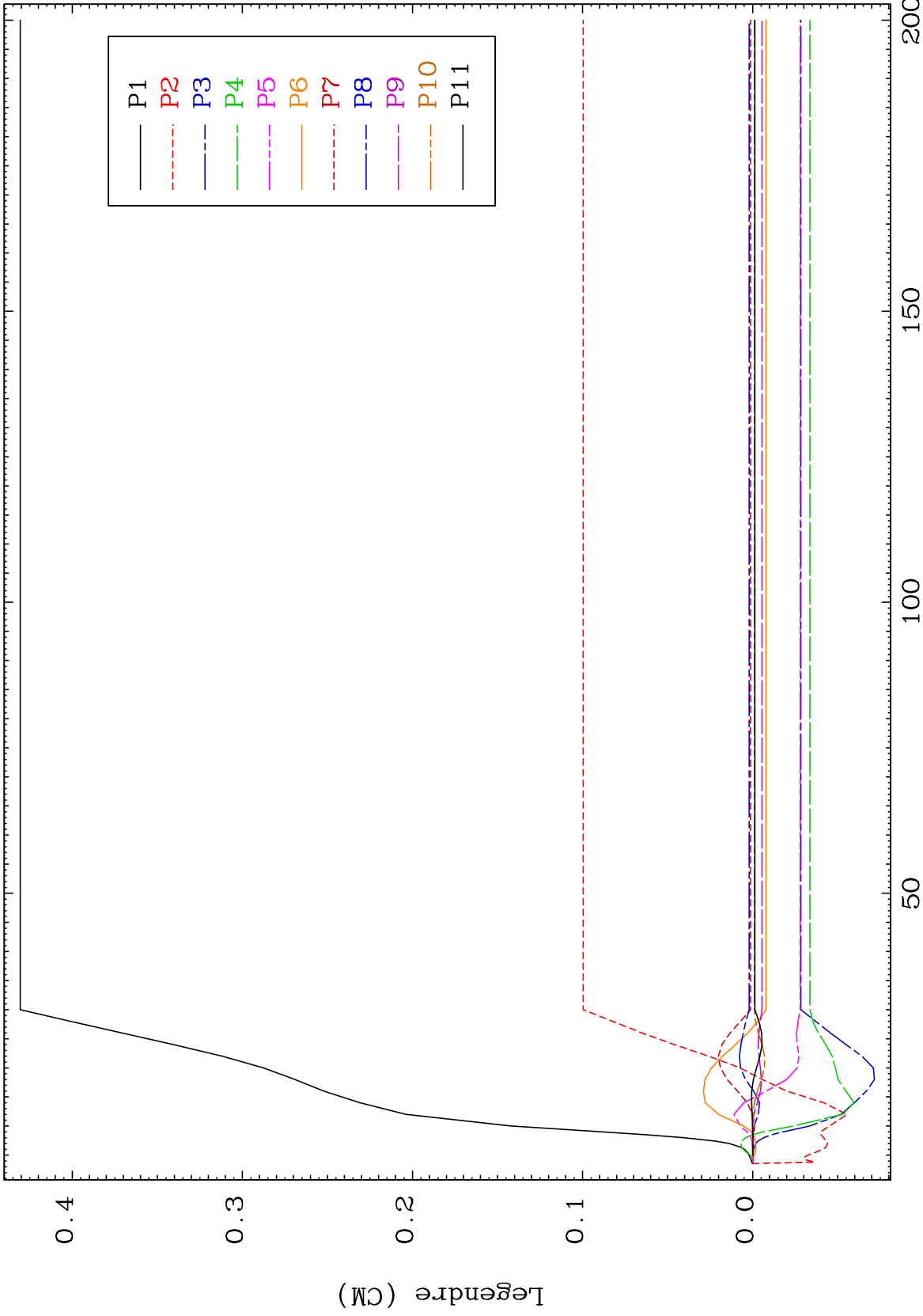
150

200

MAT 3843

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

38-Sr-90



96

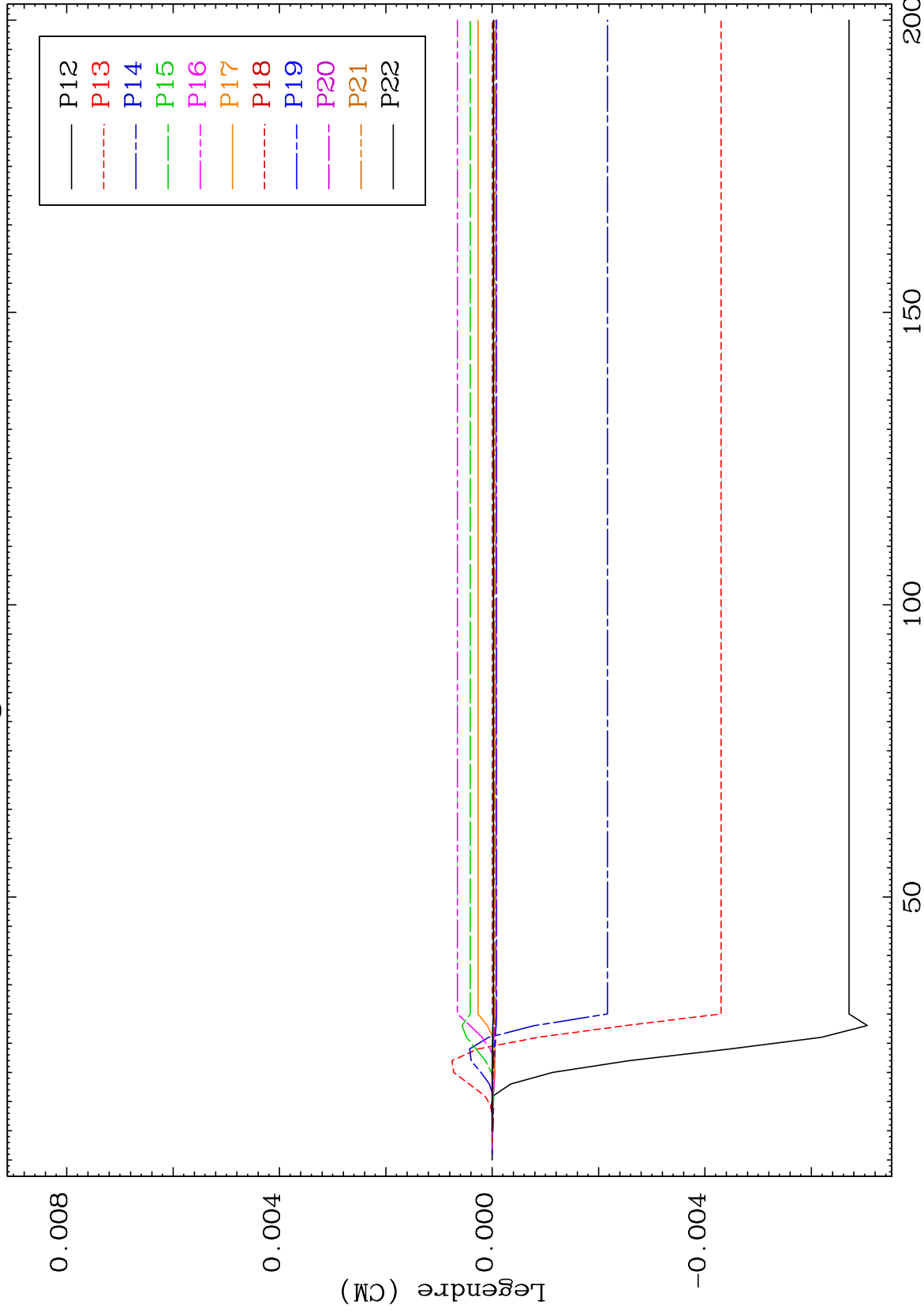
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



97

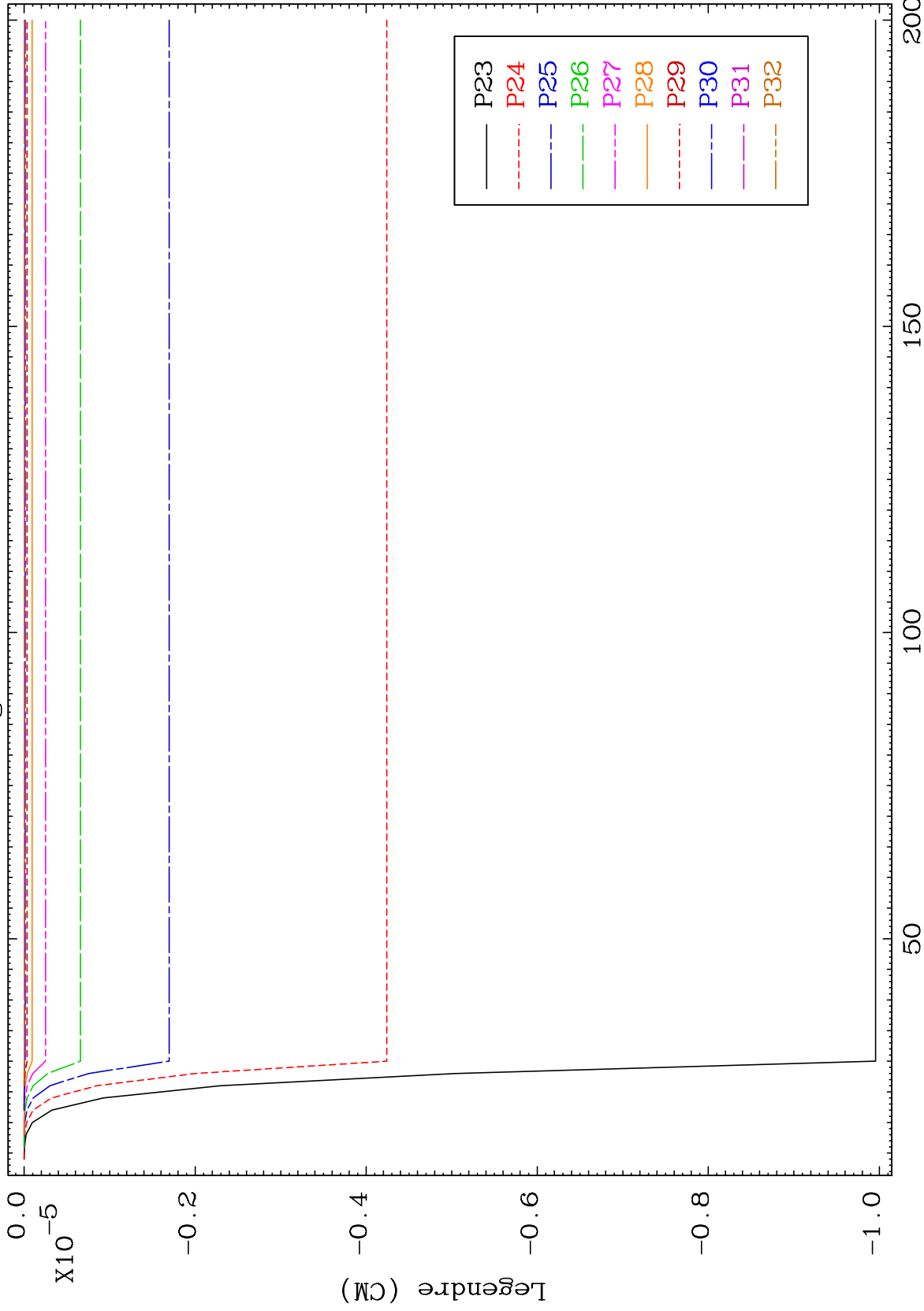
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



98

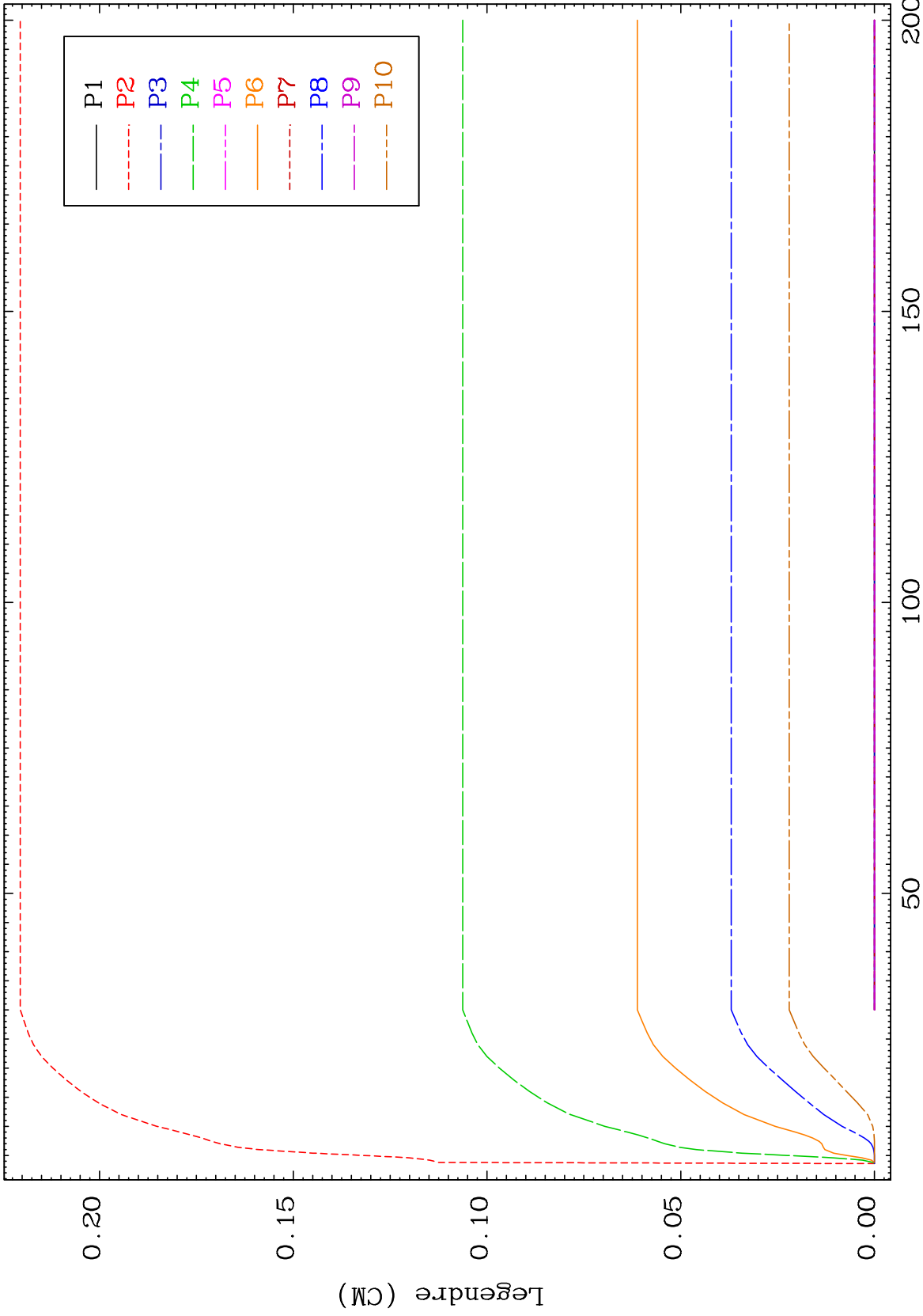
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

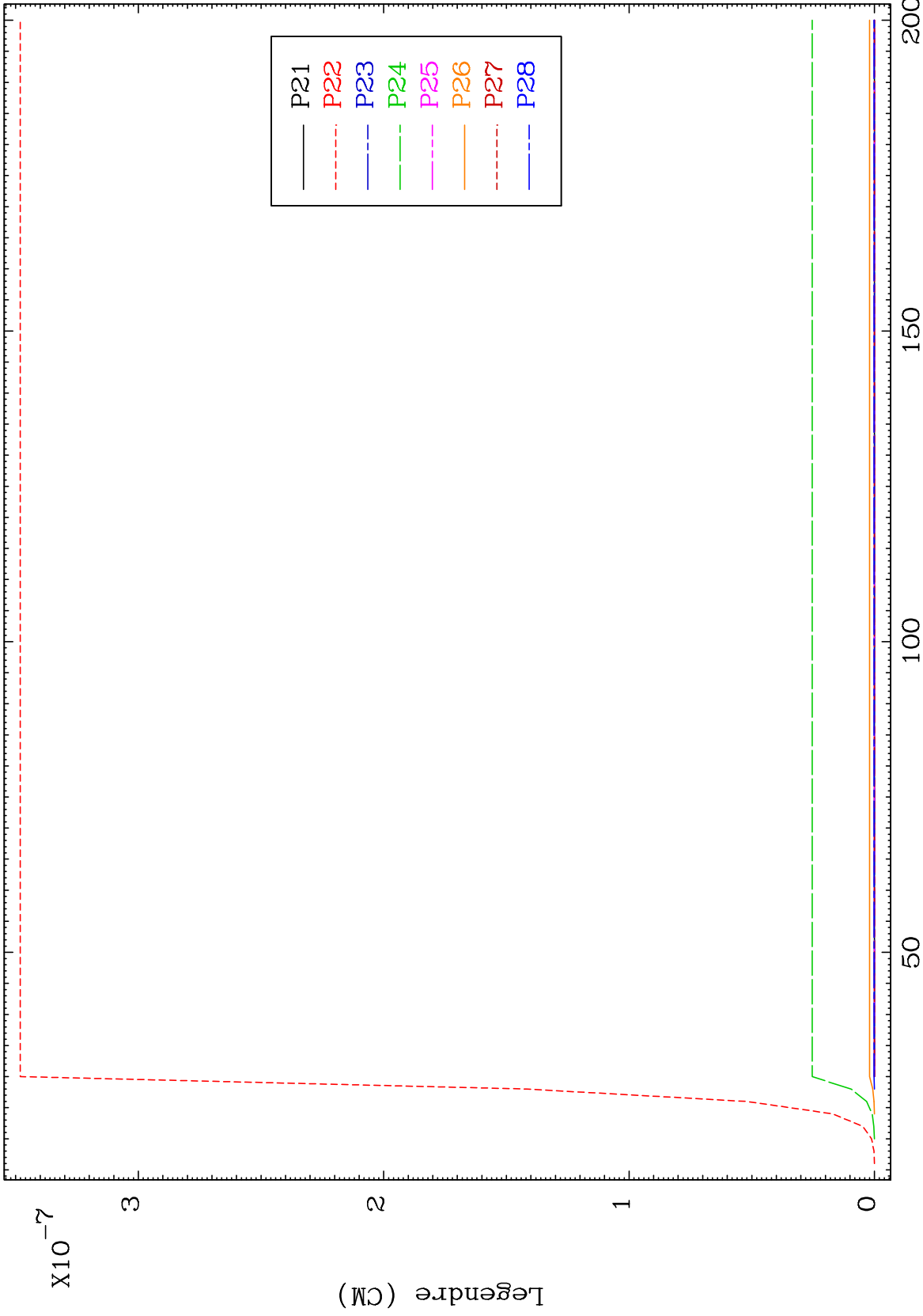
38-Sr-90



MAT 3843

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

38-Sr-90



101

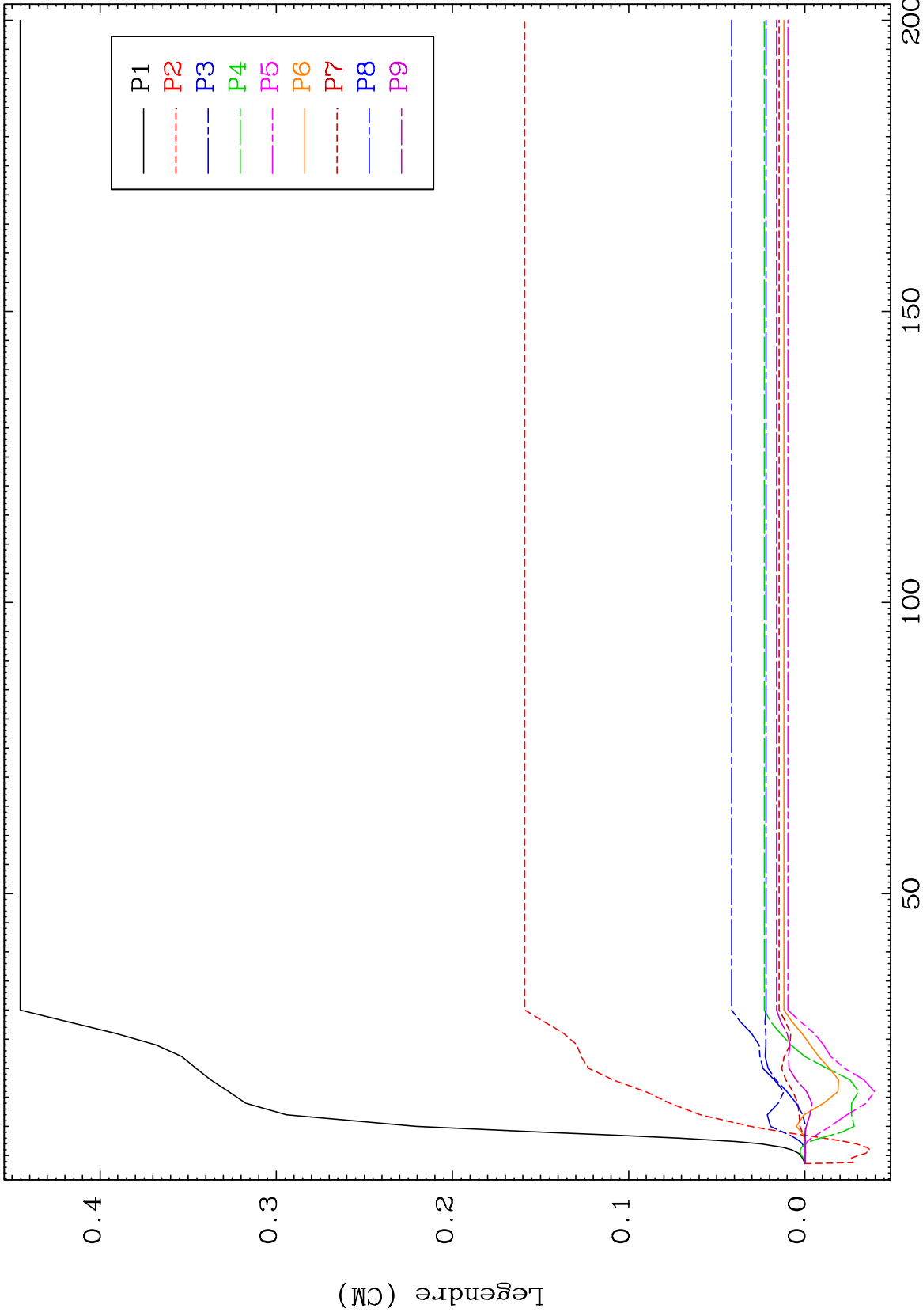
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

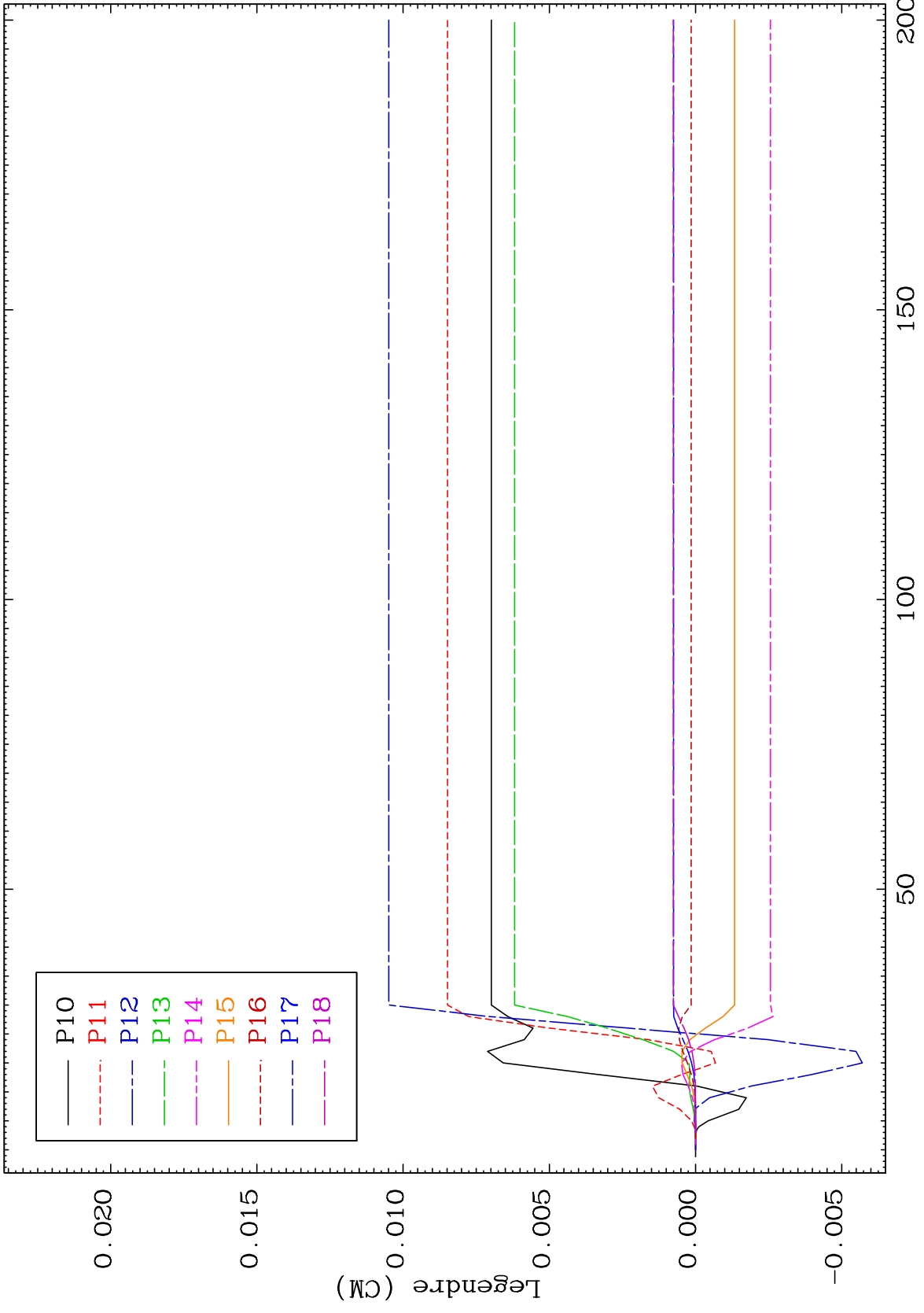
Incident Energy (MeV)

102

MAT 3843

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

38-Sr-90



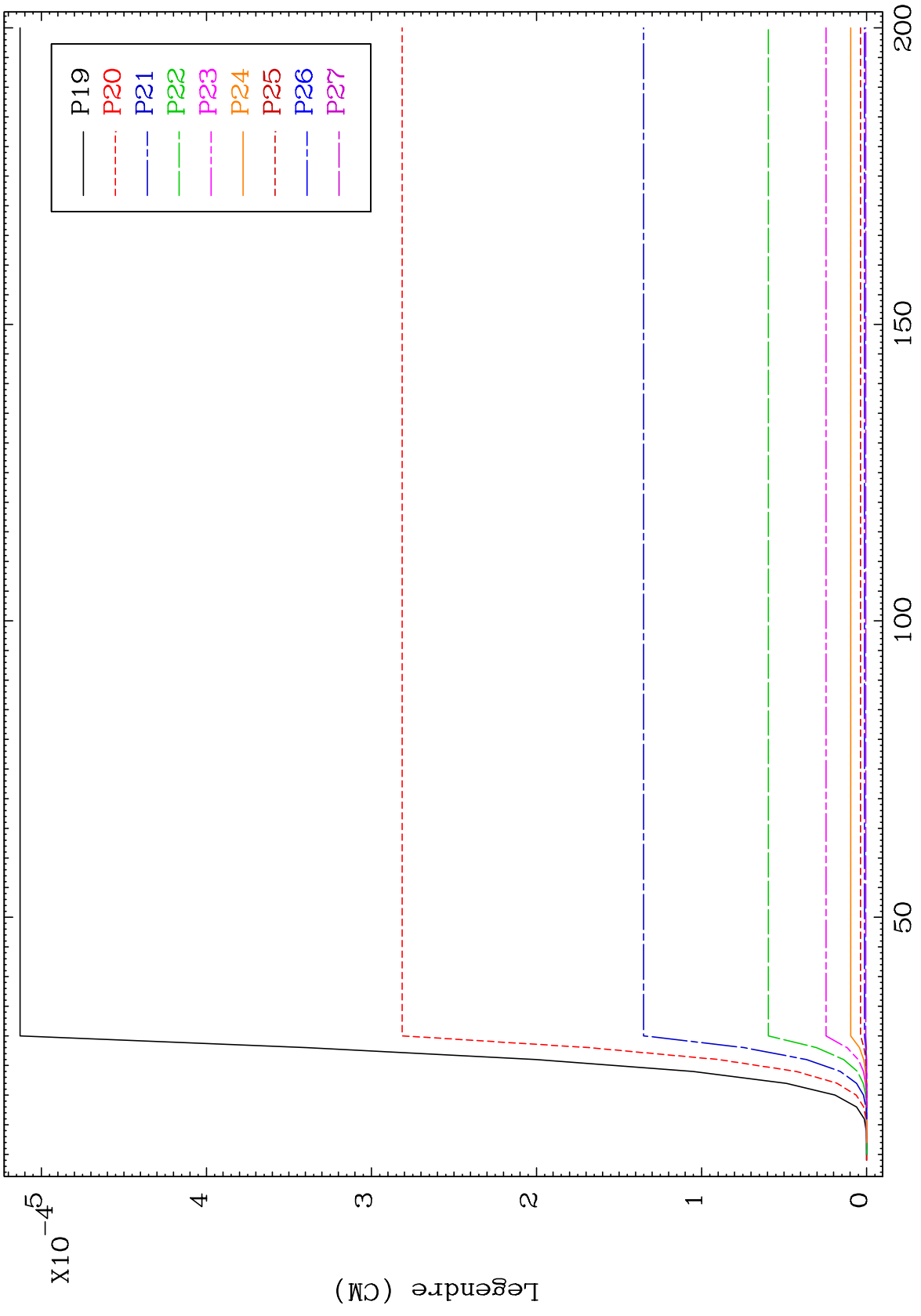
103

38-Sr-90

MAT 3843

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

38-Sr-90



104

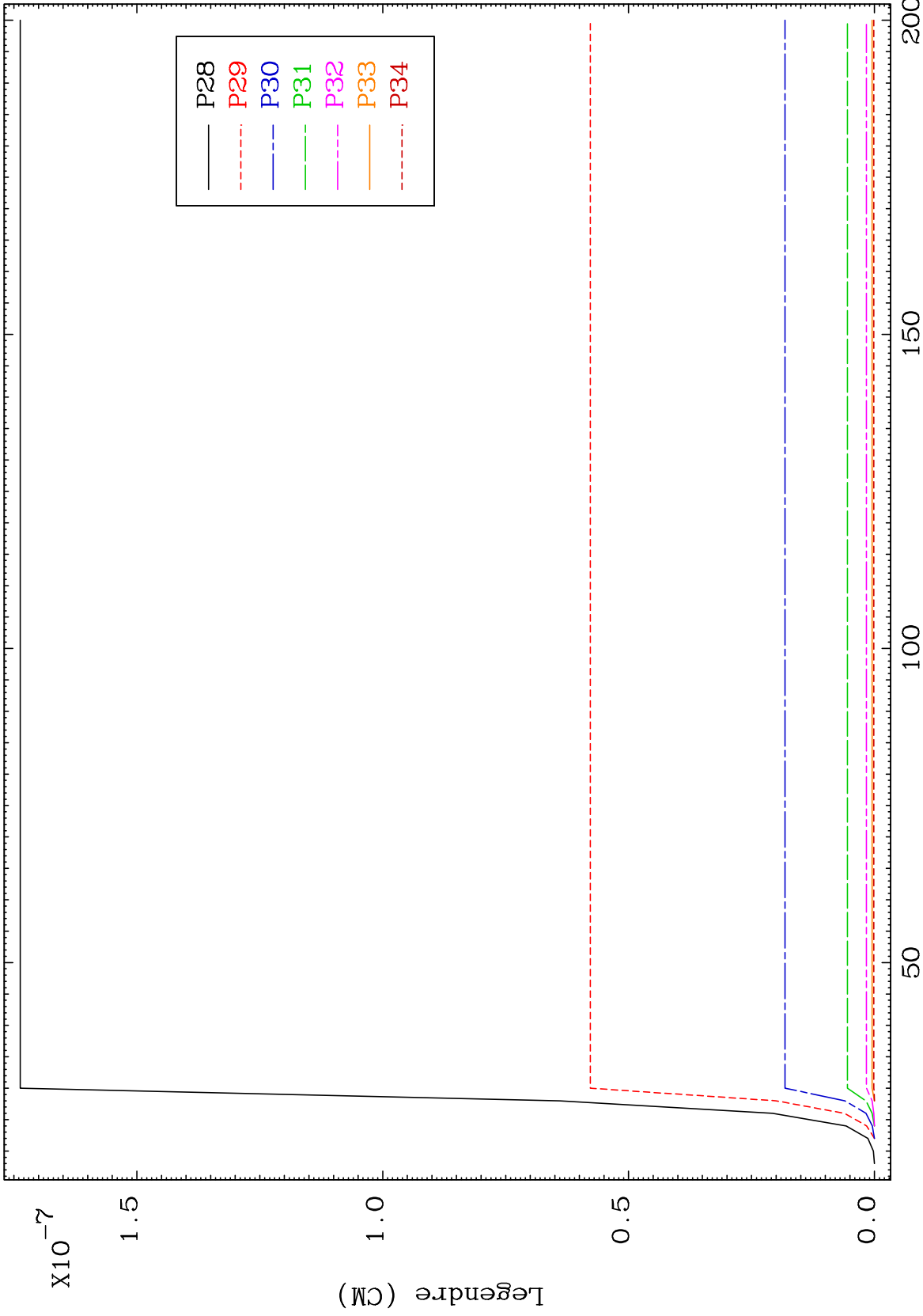
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



105

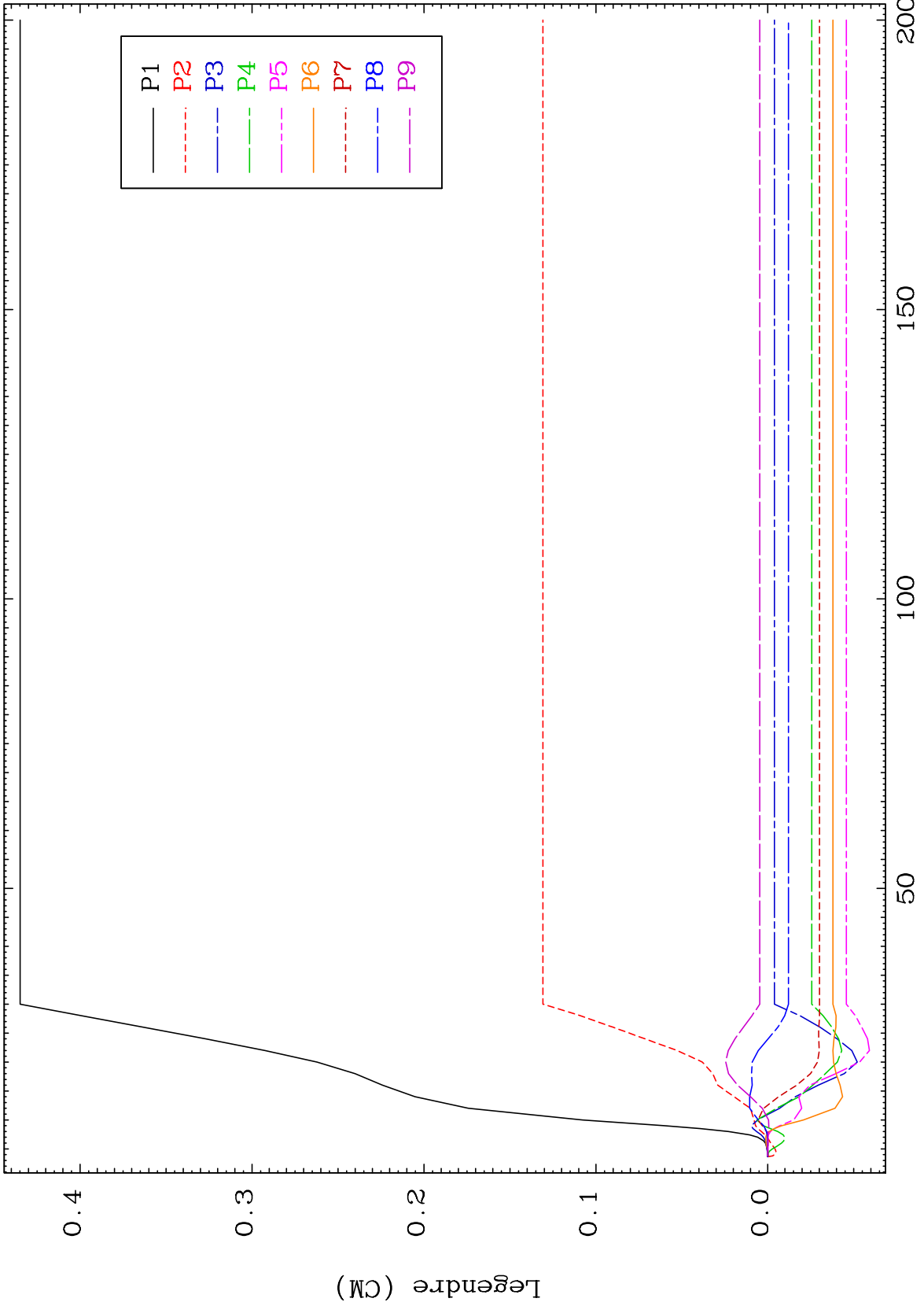
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



106

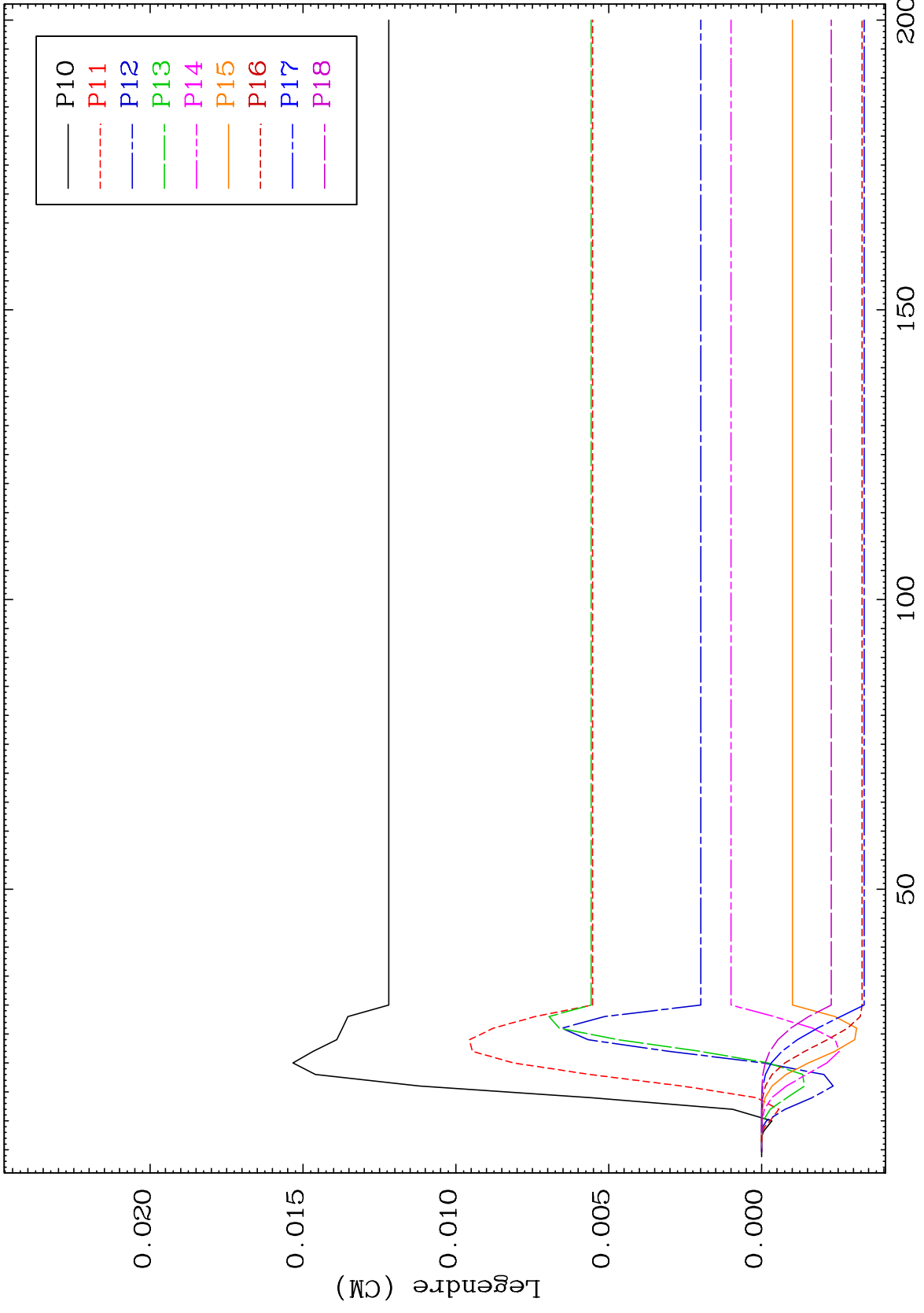
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



107

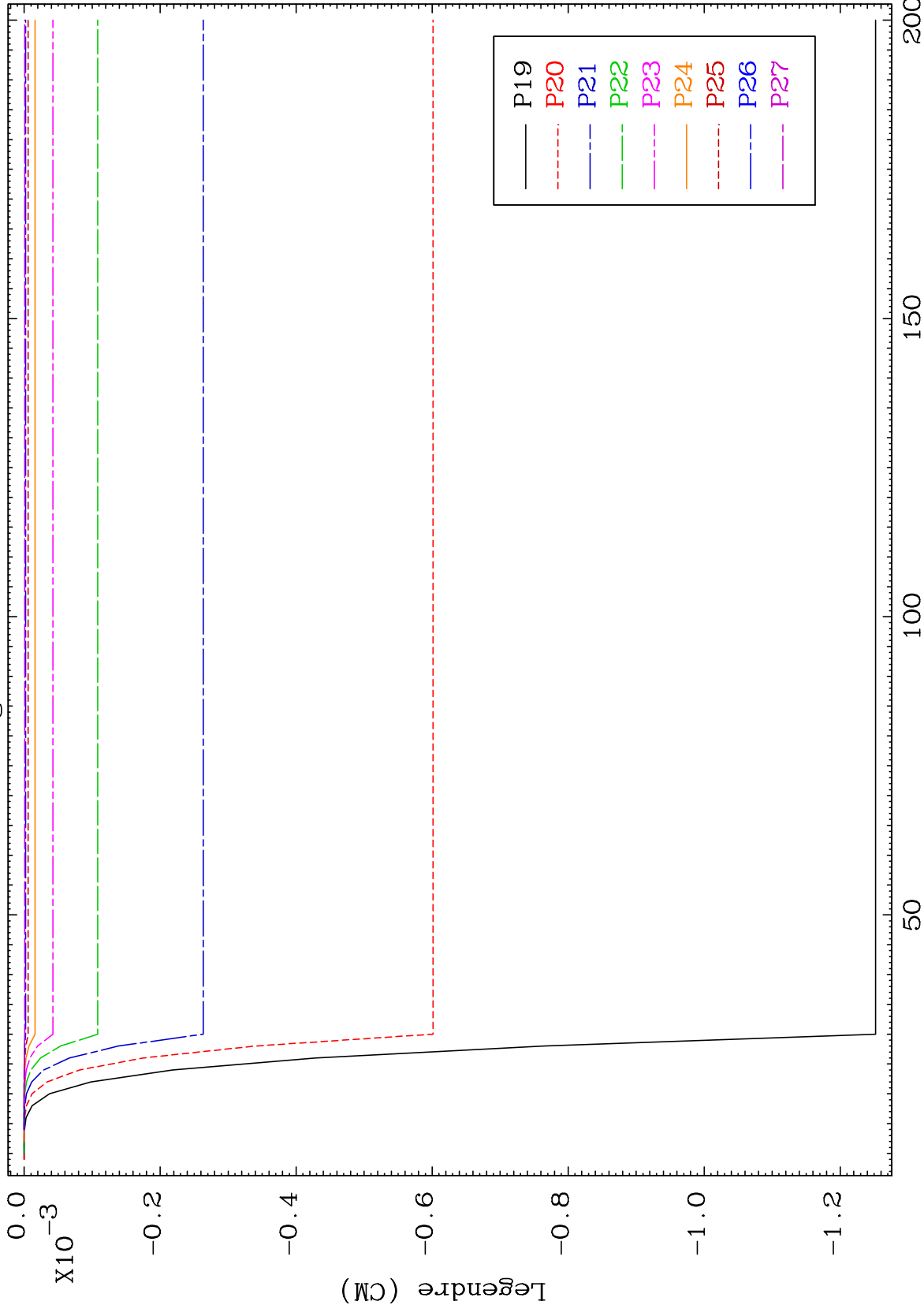
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

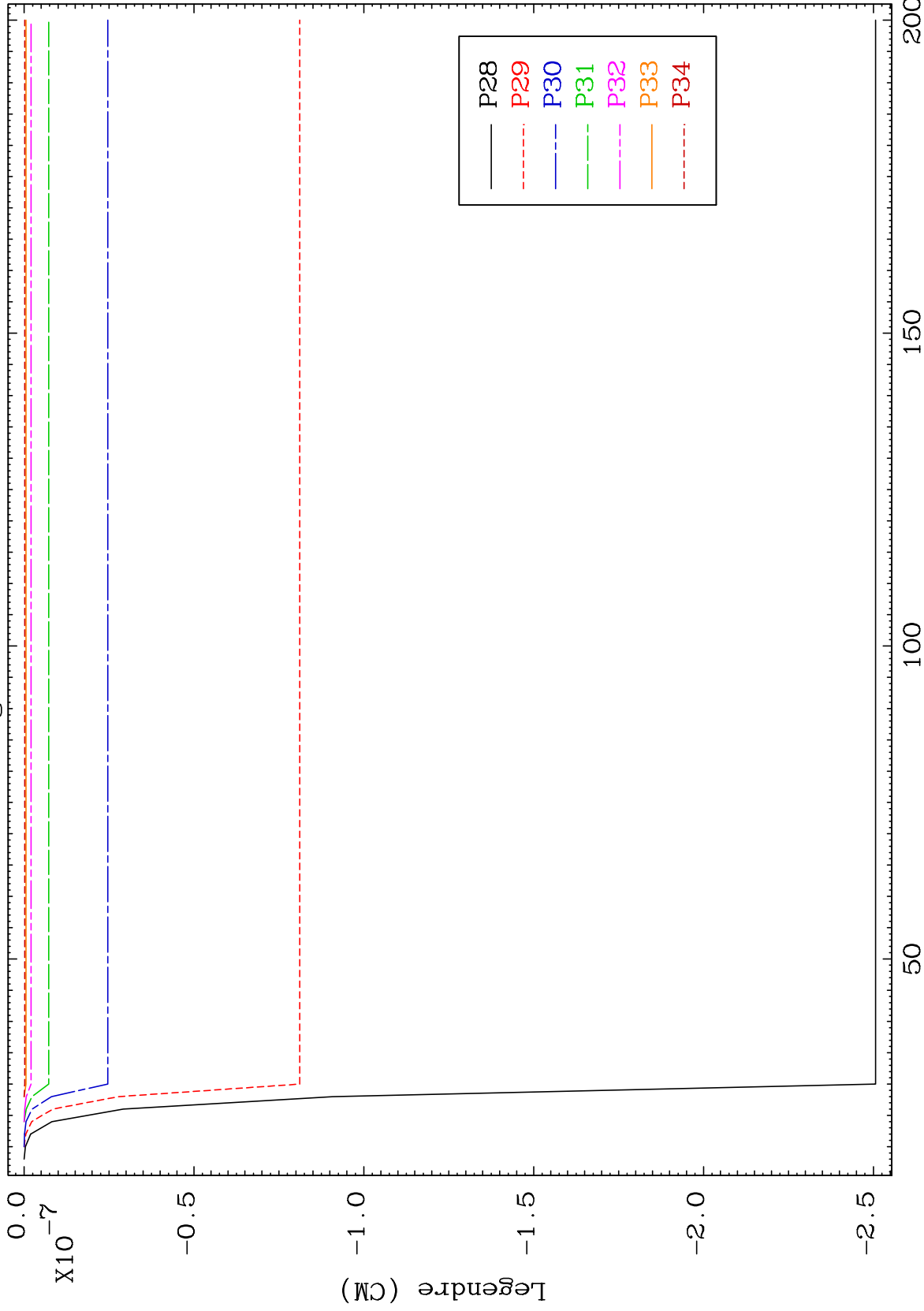
Incident Energy (MeV)

108

MAT 3843

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

38-Sr-90



38-Sr-90

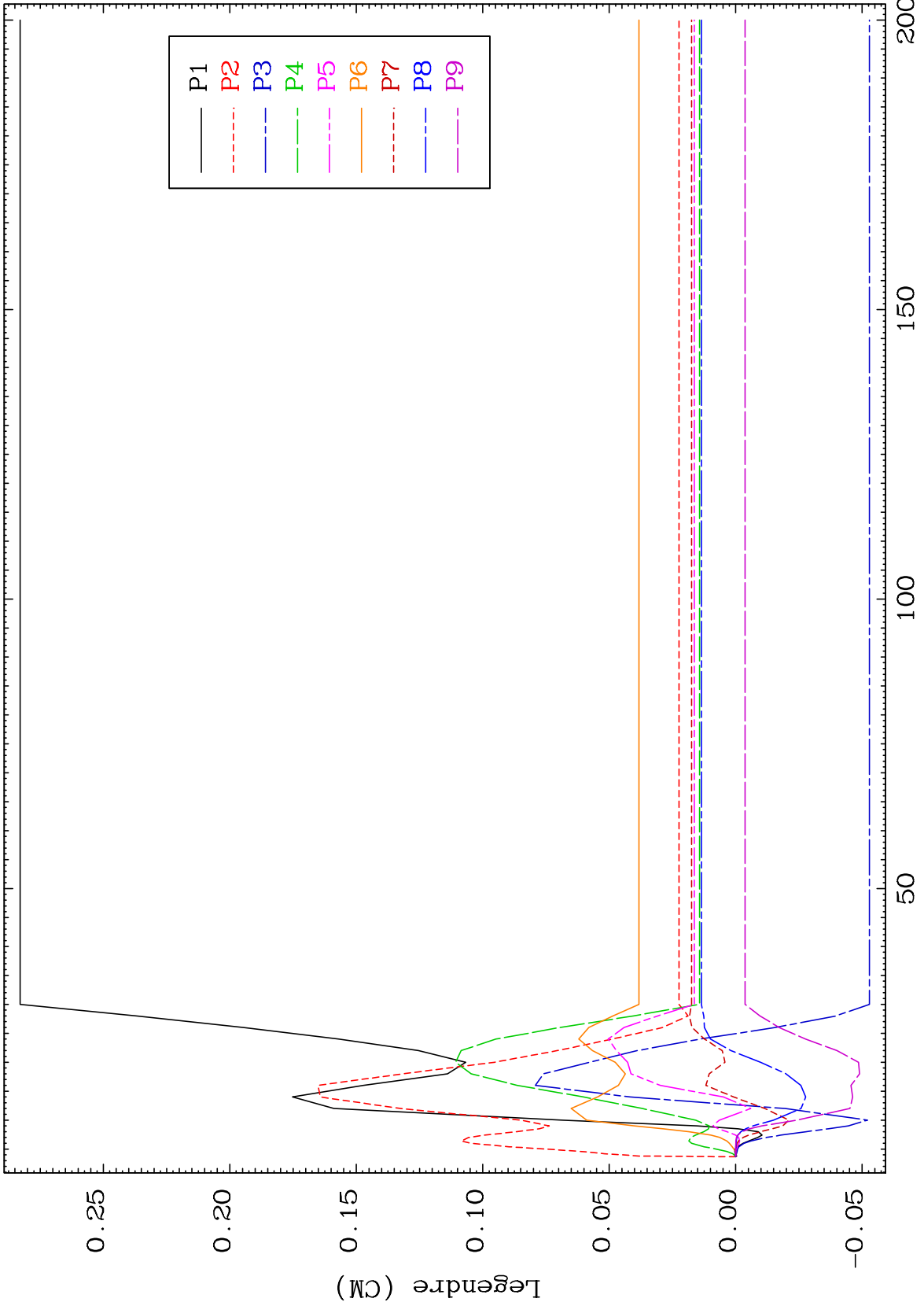
Incident Energy (MeV)

109

MAT 3843

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

38-Sr-90



38-Sr-90

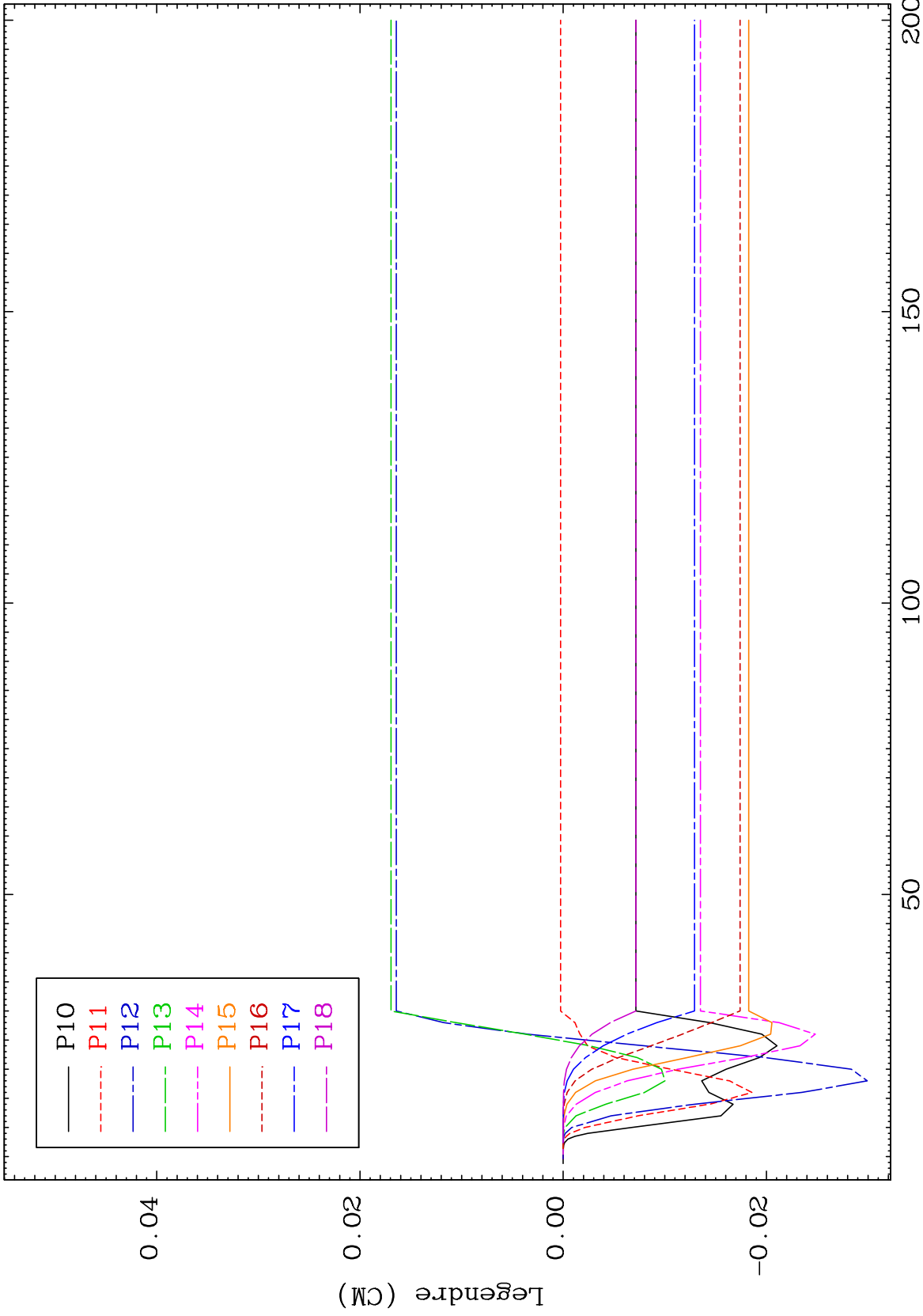
Incident Energy (MeV)

110

MAT 3843

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

38-Sr-90

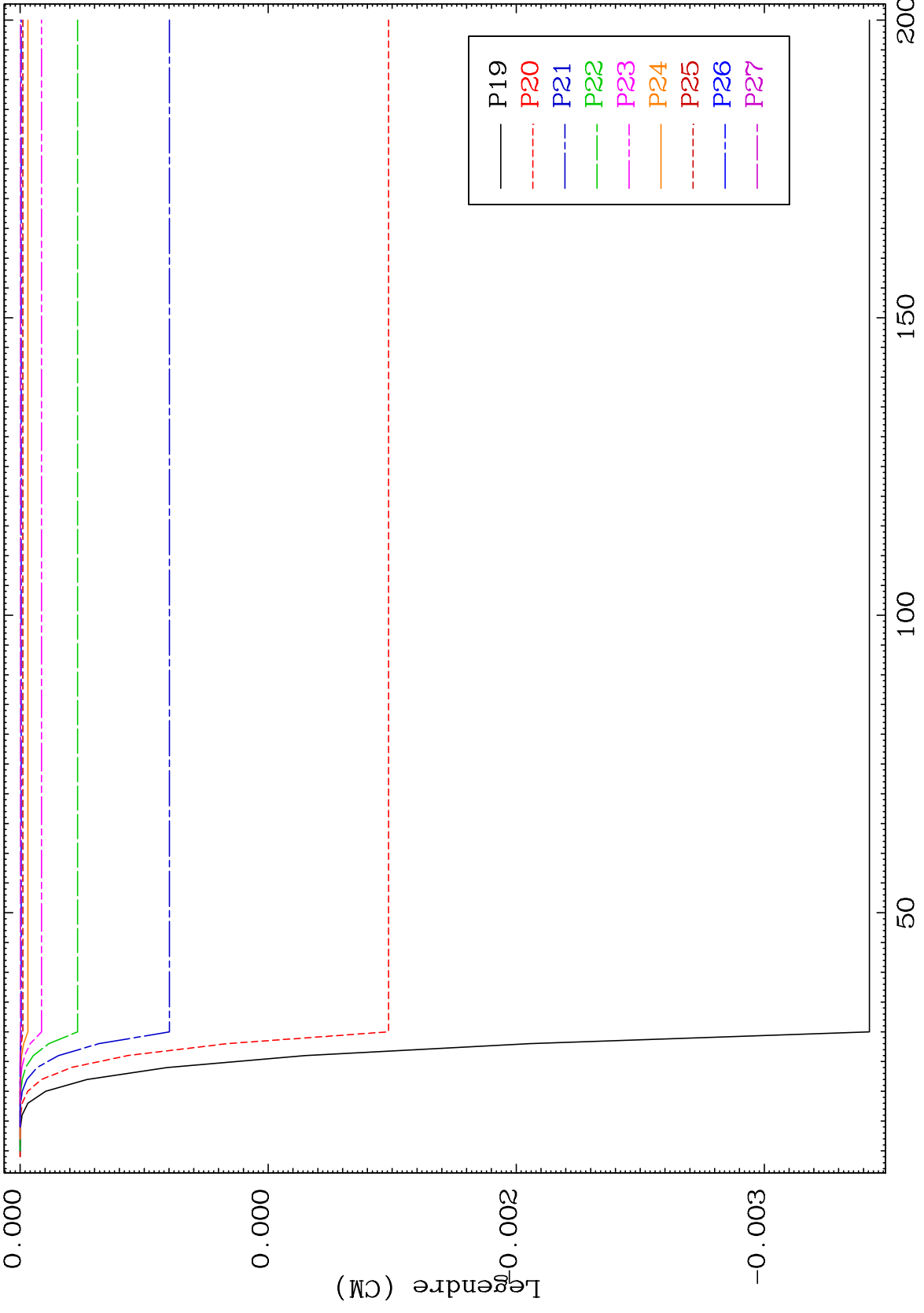


111

Incident Energy (MeV)

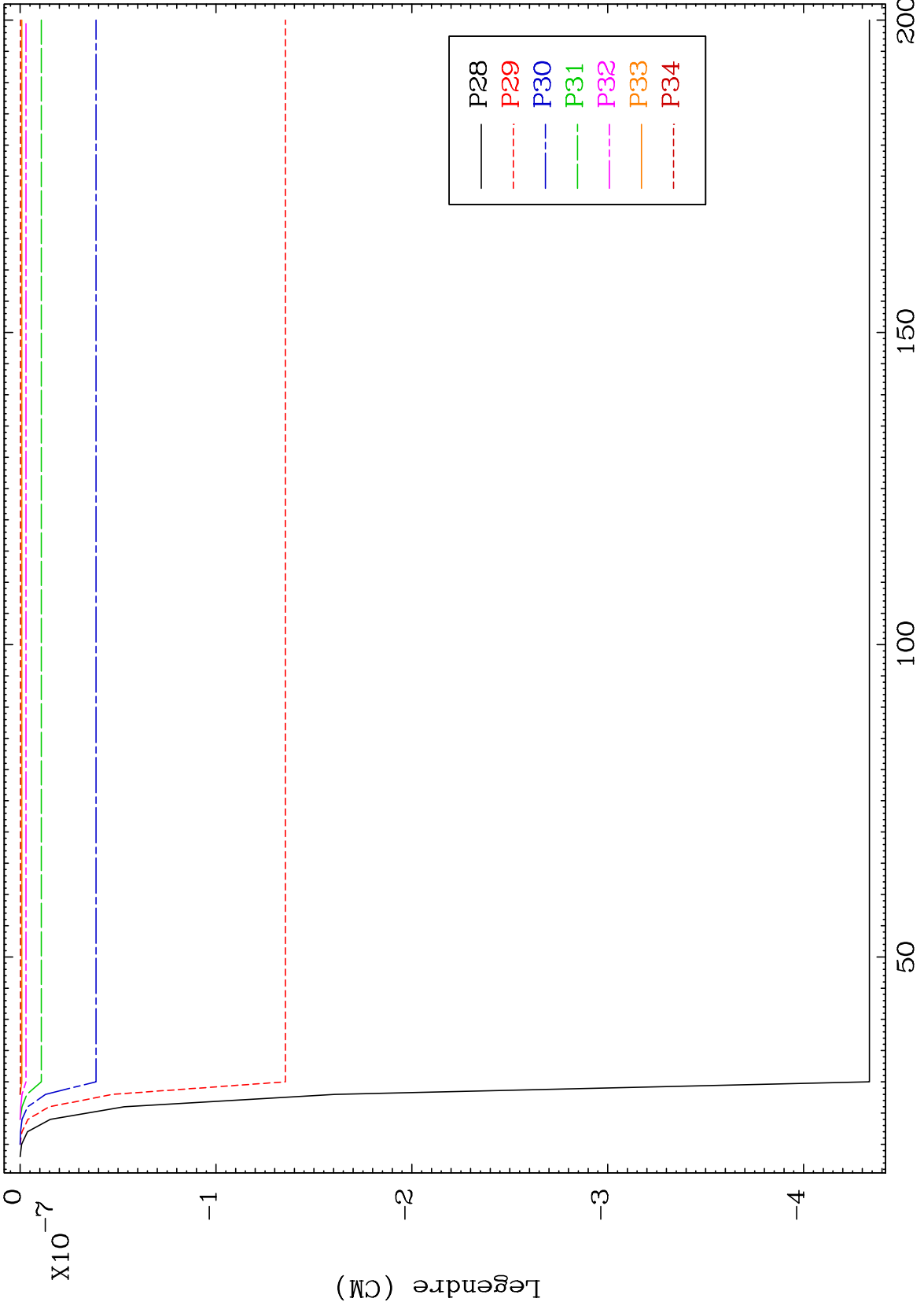
38-Sr-90

MAT 3843 MT= 76 (n,n') Level Legendre Coefficients 38-Sr-90



112 Incident Energy (MeV) 38-Sr-90

MAT 3843 MT= 76 (n,n') Level Legendre Coefficients 38-Sr-90

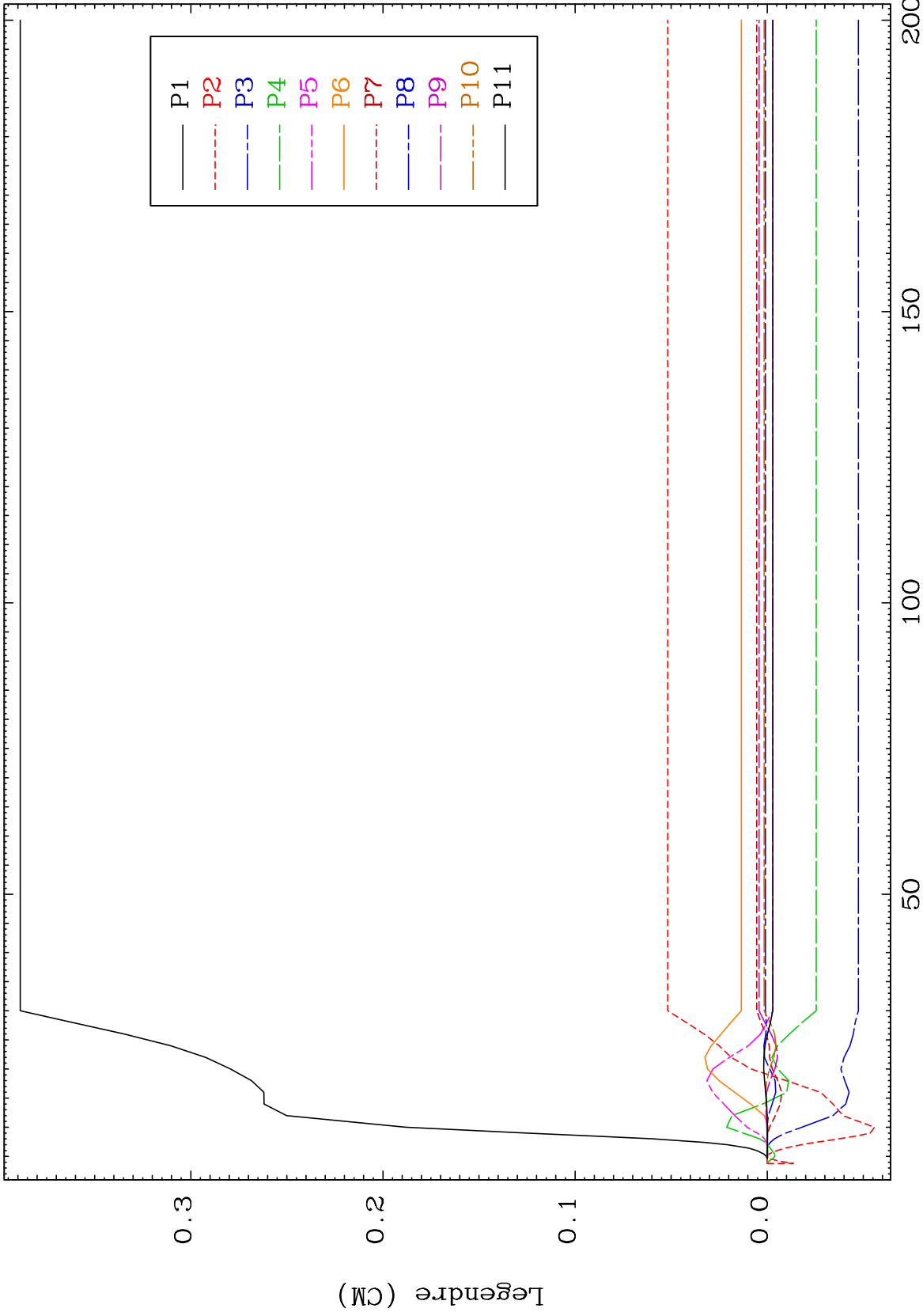


113 38-Sr-90

MAT 3843

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

38-Sr-90



114

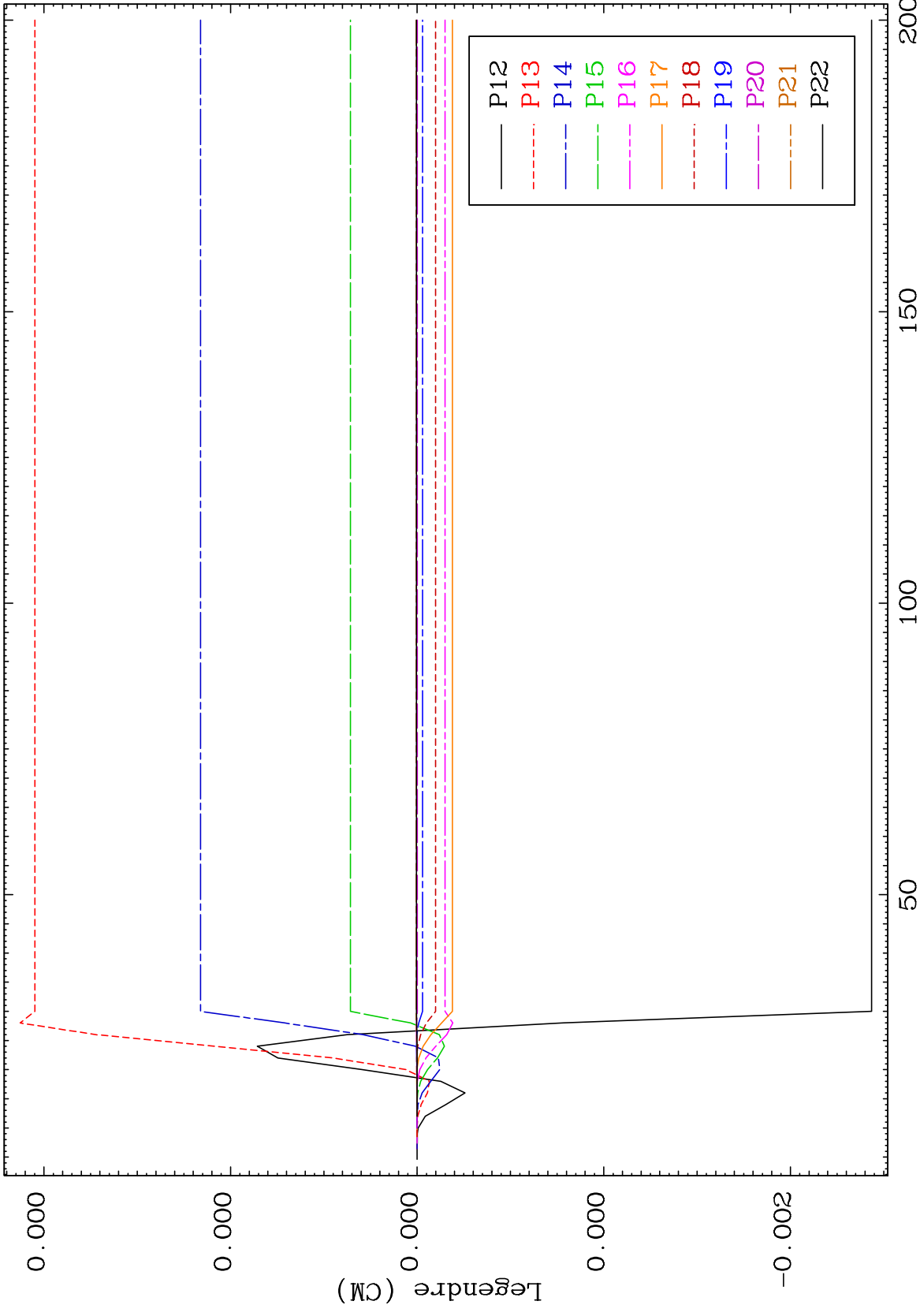
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



115

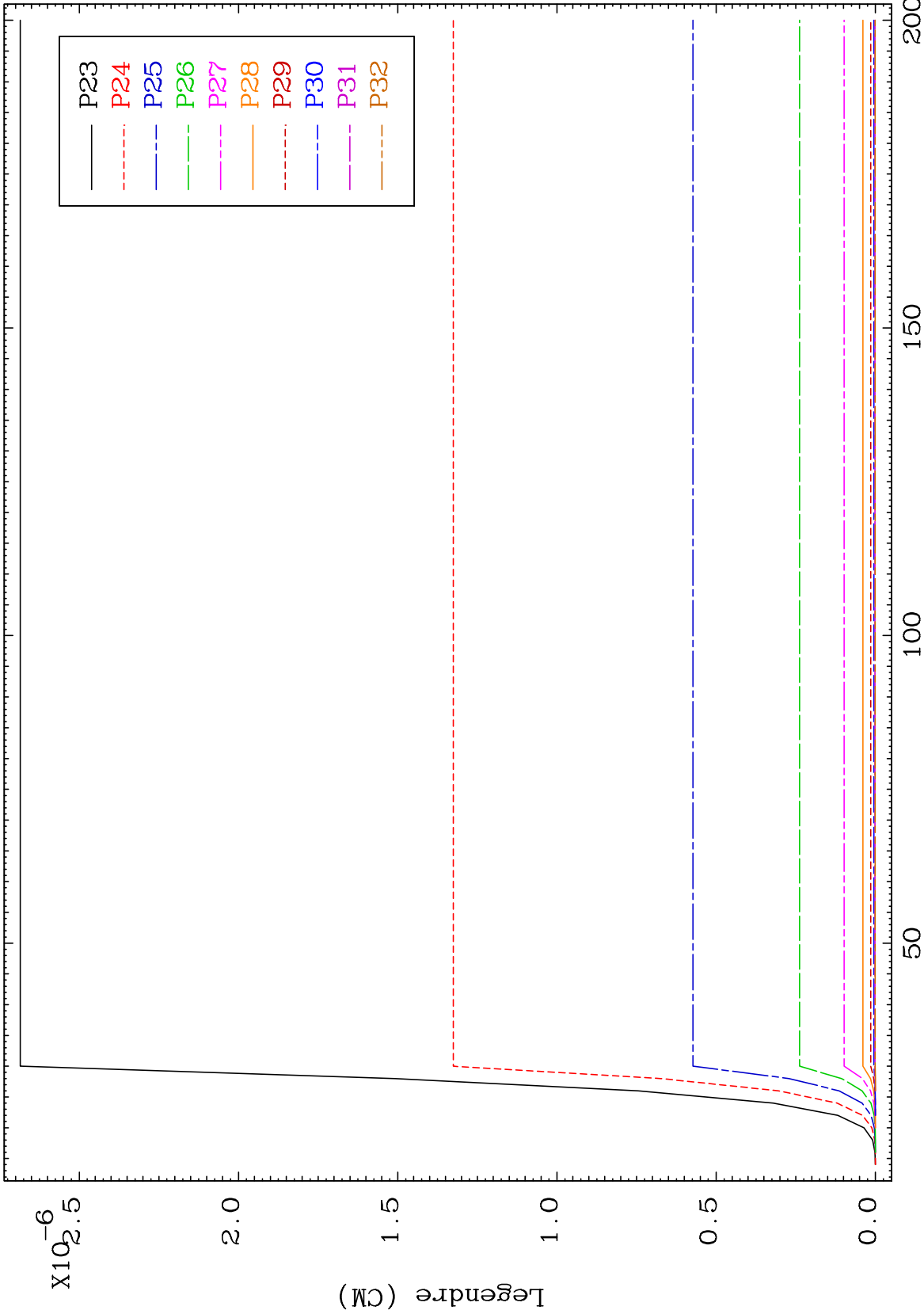
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



116

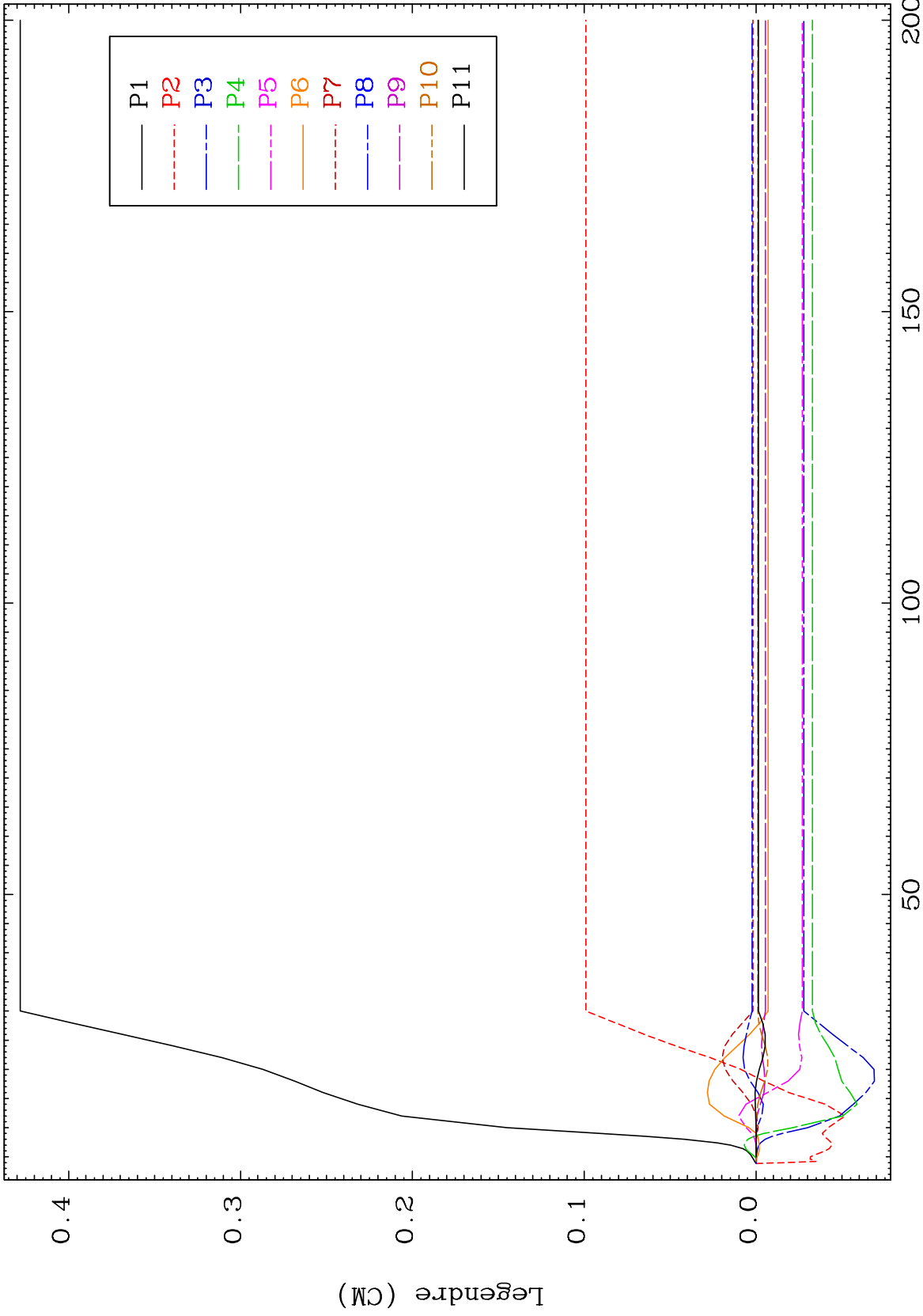
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

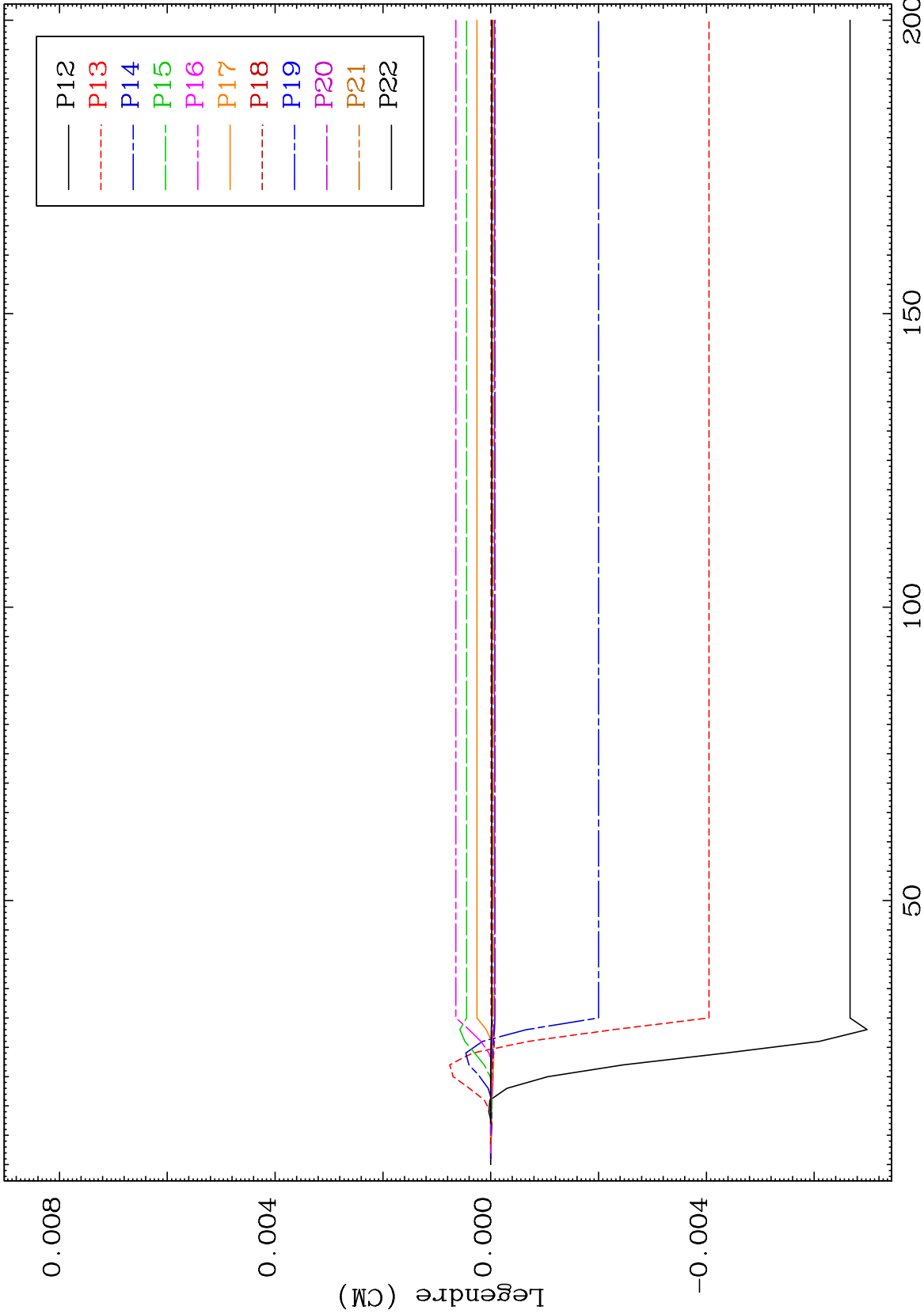
Incident Energy (MeV)

117

MAT 3843

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

38-Sr-90



118

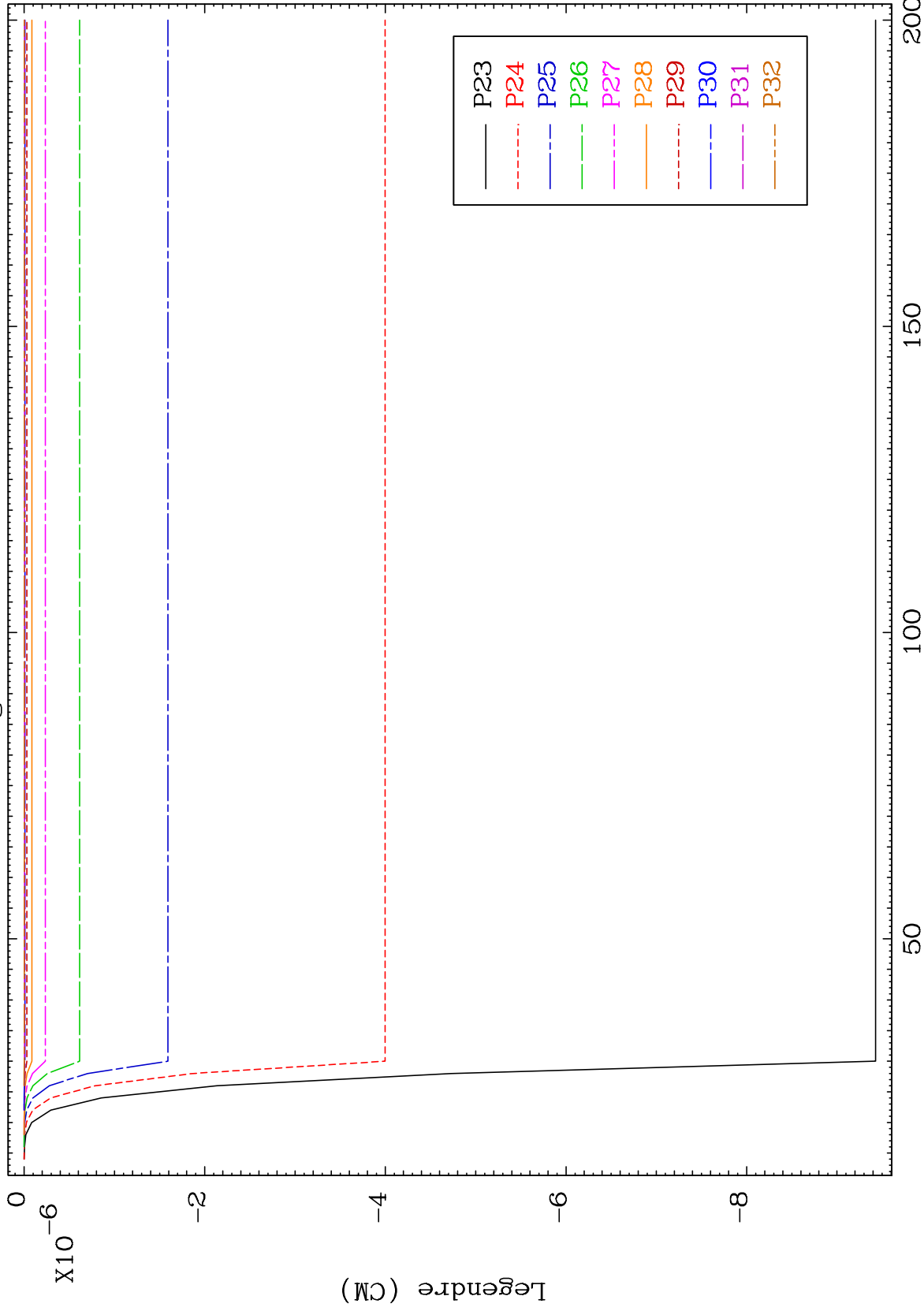
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



119

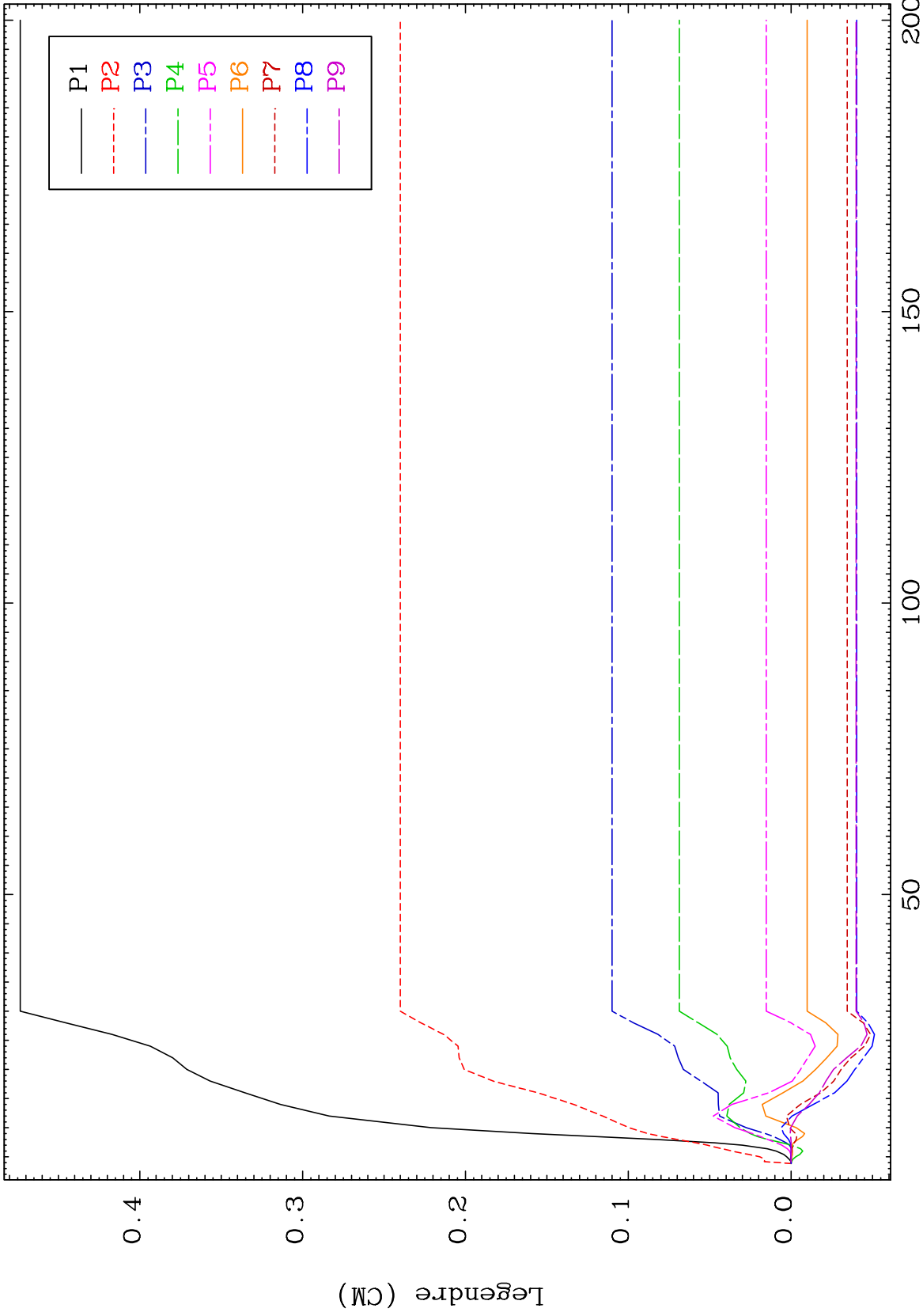
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



38-Sr-90

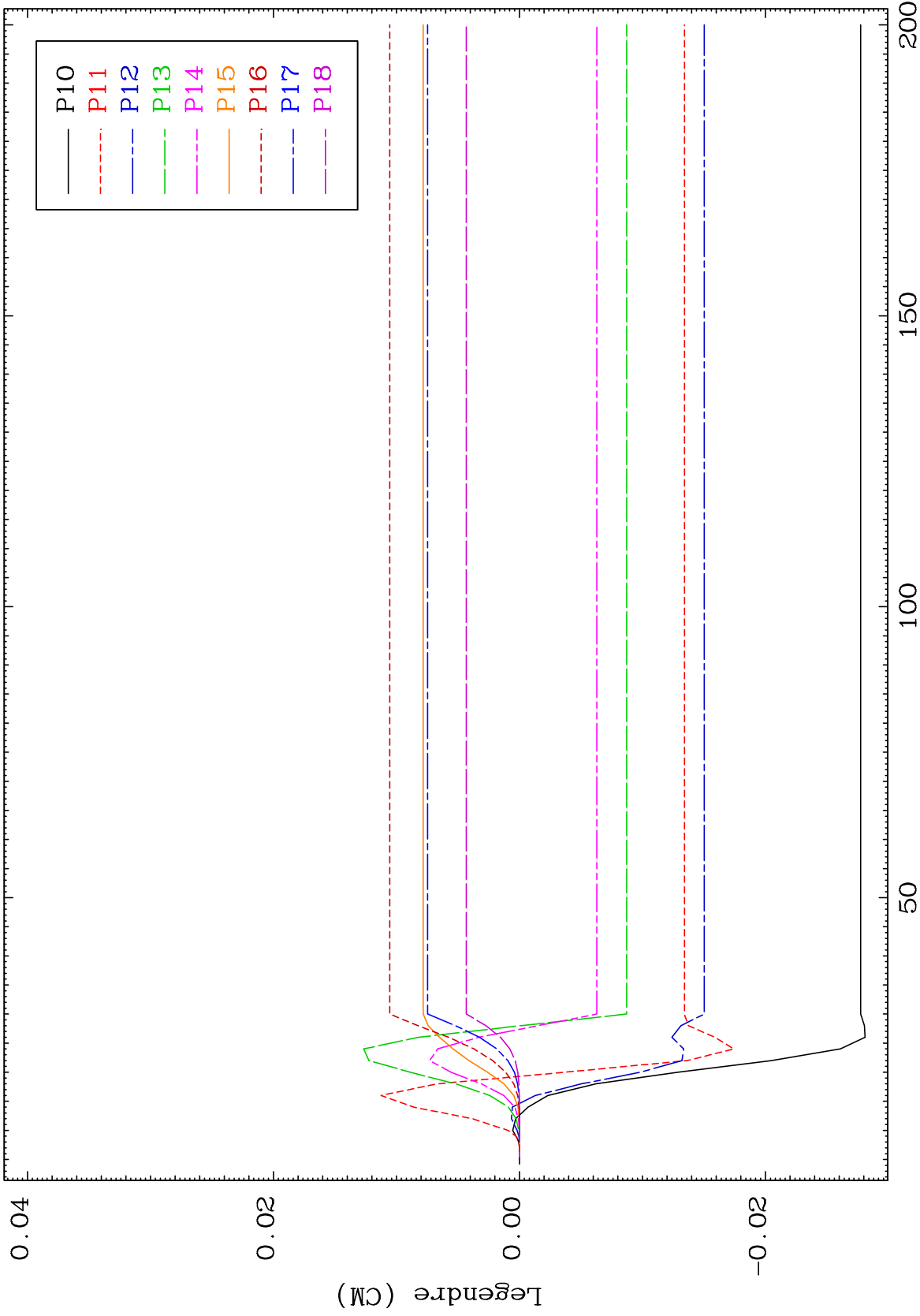
Incident Energy (MeV)

Legendre (CM)

MAT 3843

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

38-Sr-90



121

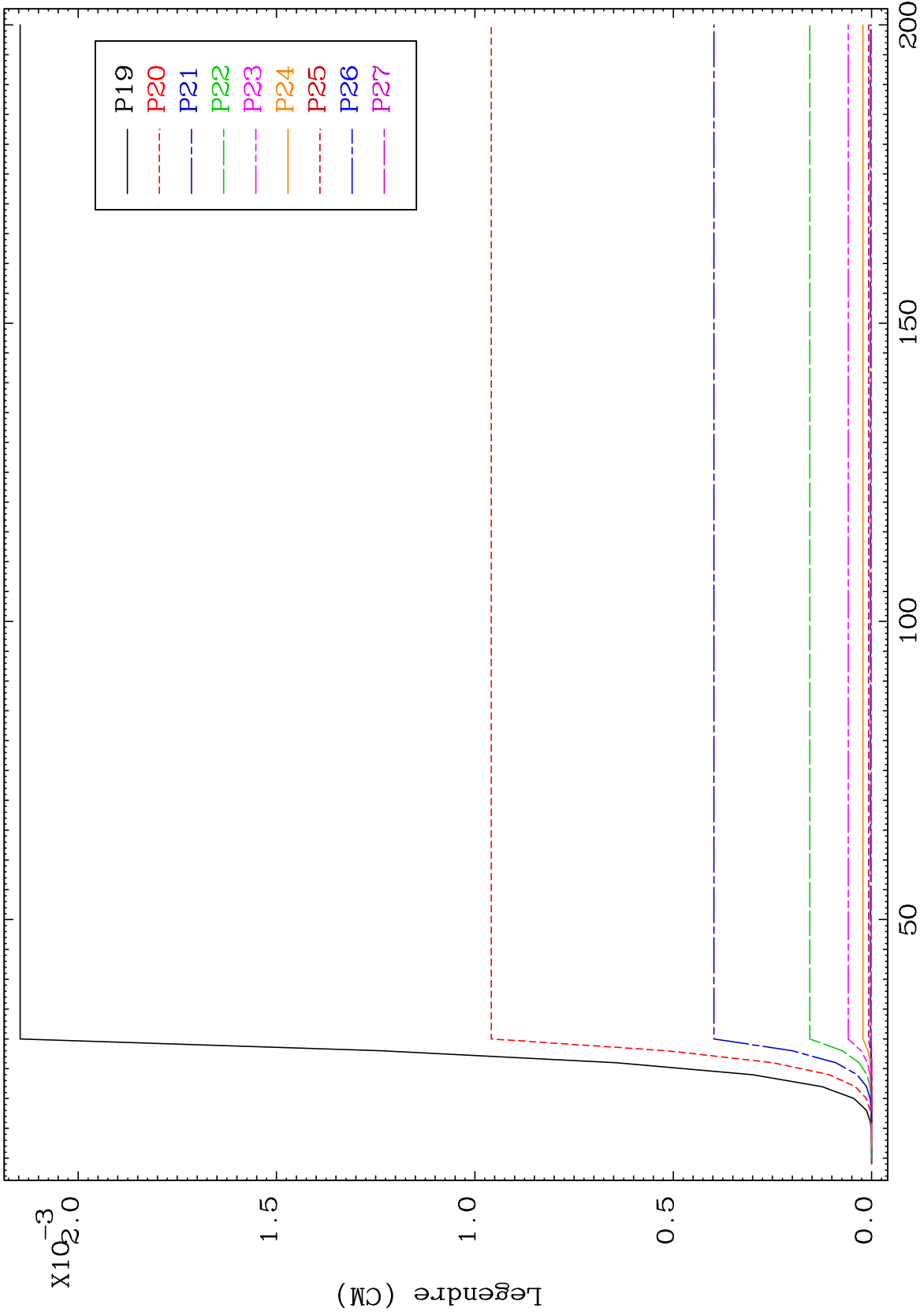
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

38-Sr-90



122

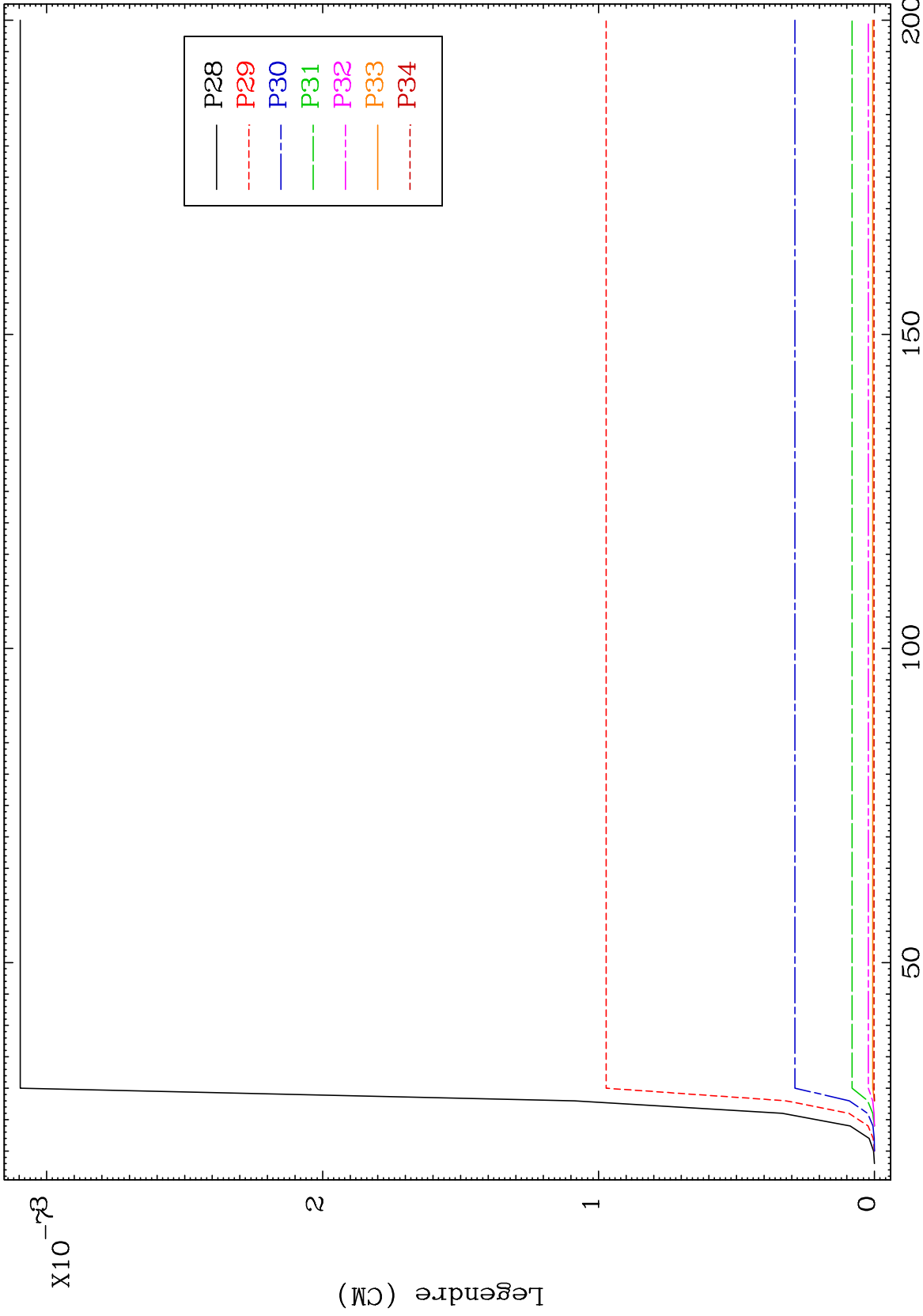
Incident Energy (MeV)

38-Sr-90

MAT 3843

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

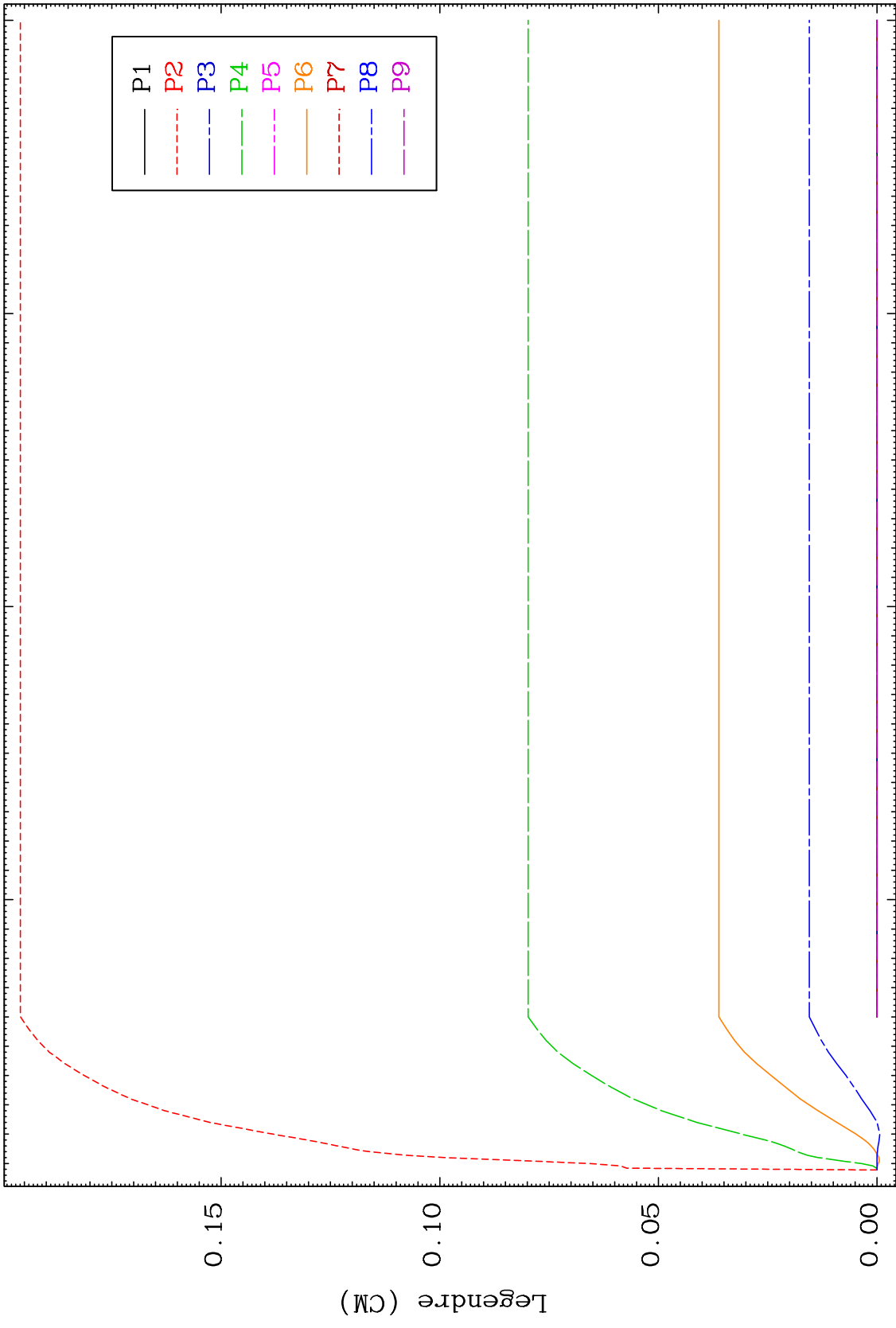
38-Sr-90



123

38-Sr-90

MAT 3843 MT= 80 (n,n') Level Legendre Coefficients 38-Sr-90

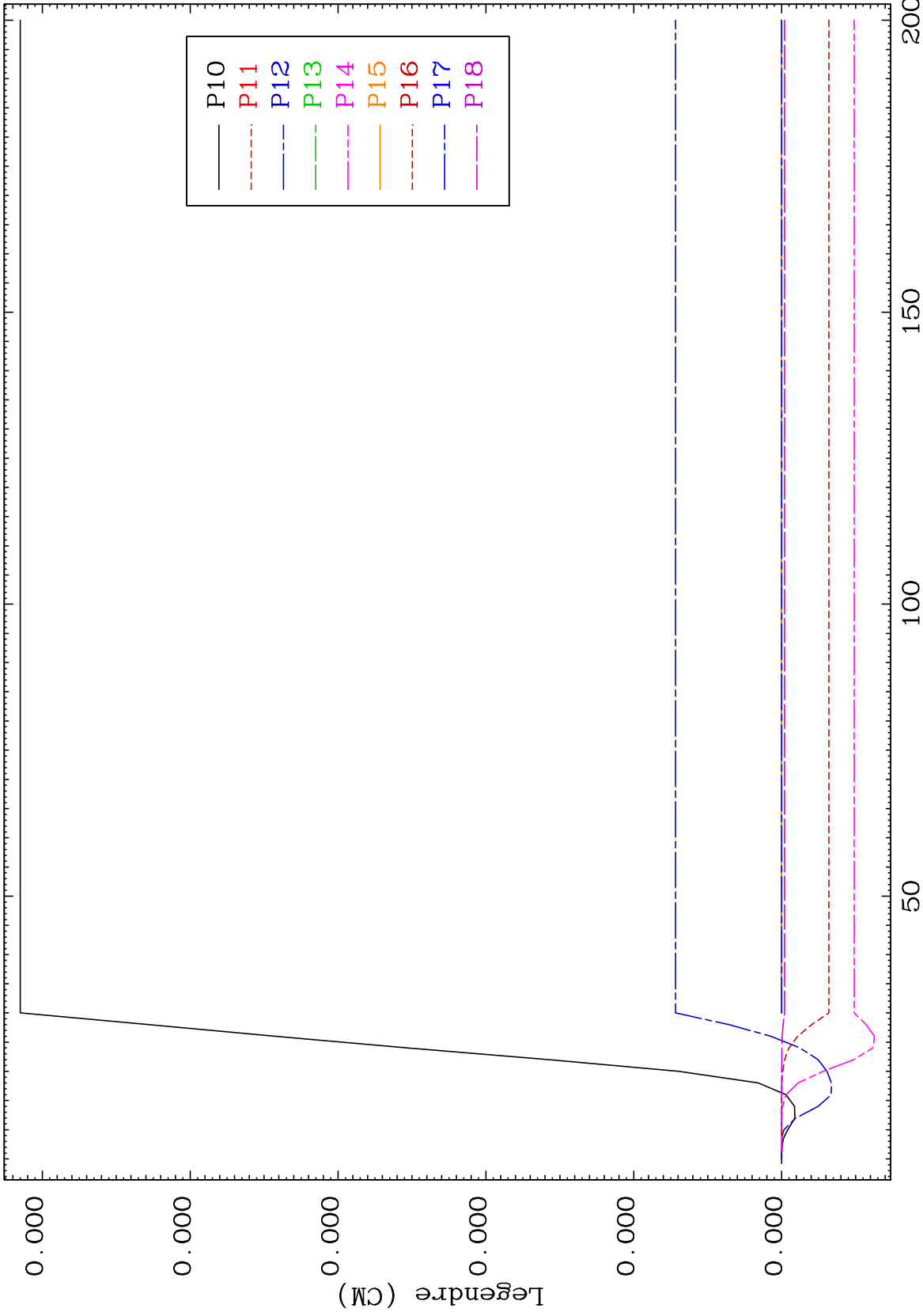


124 Incident Energy (MeV) 38-Sr-90

MAT 3843

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

38-Sr-90

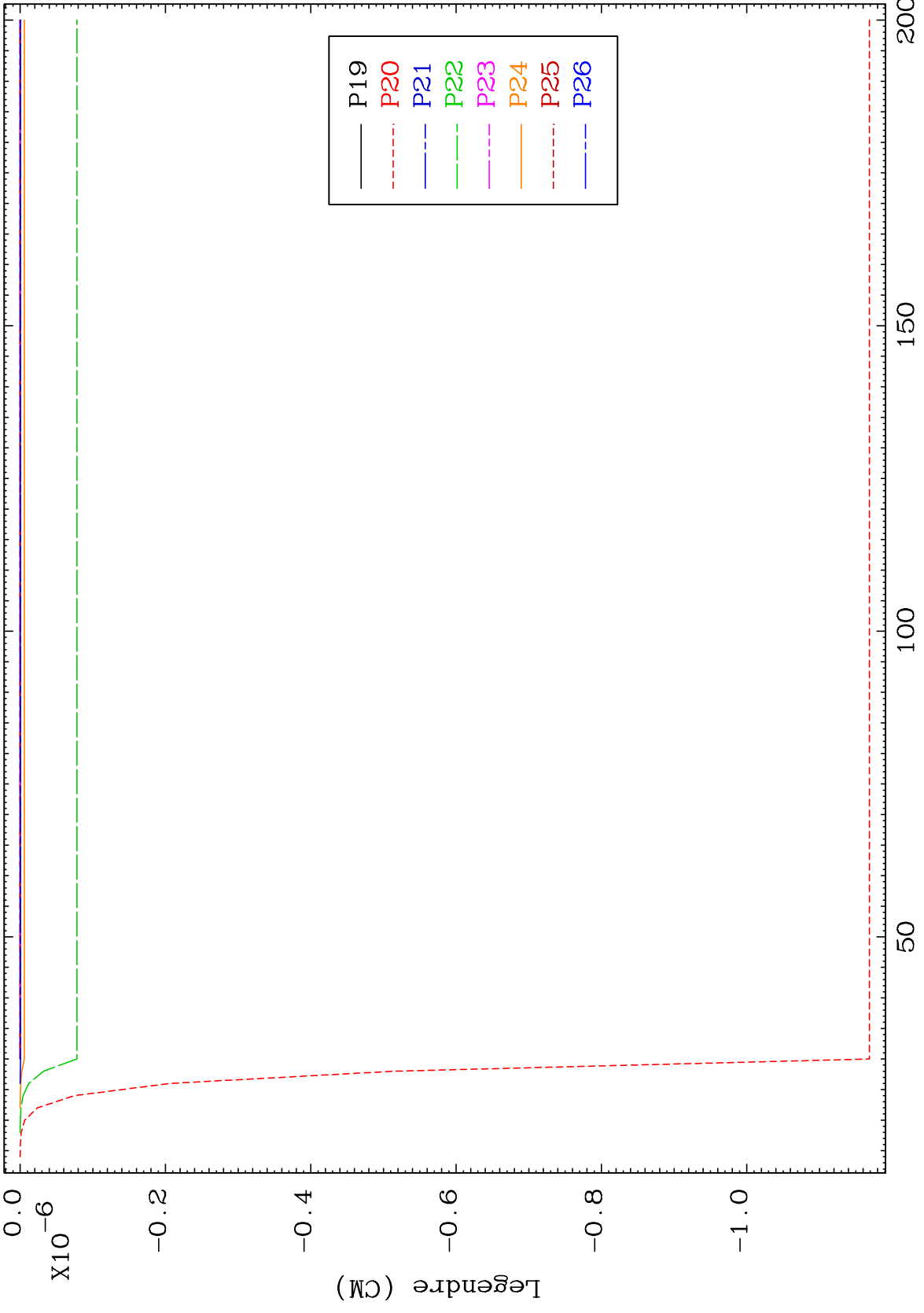


125

Incident Energy (MeV)

38-Sr-90

MAT 3843 MT= 80 (n,n') Level Legendre Coefficients 38-Sr-90



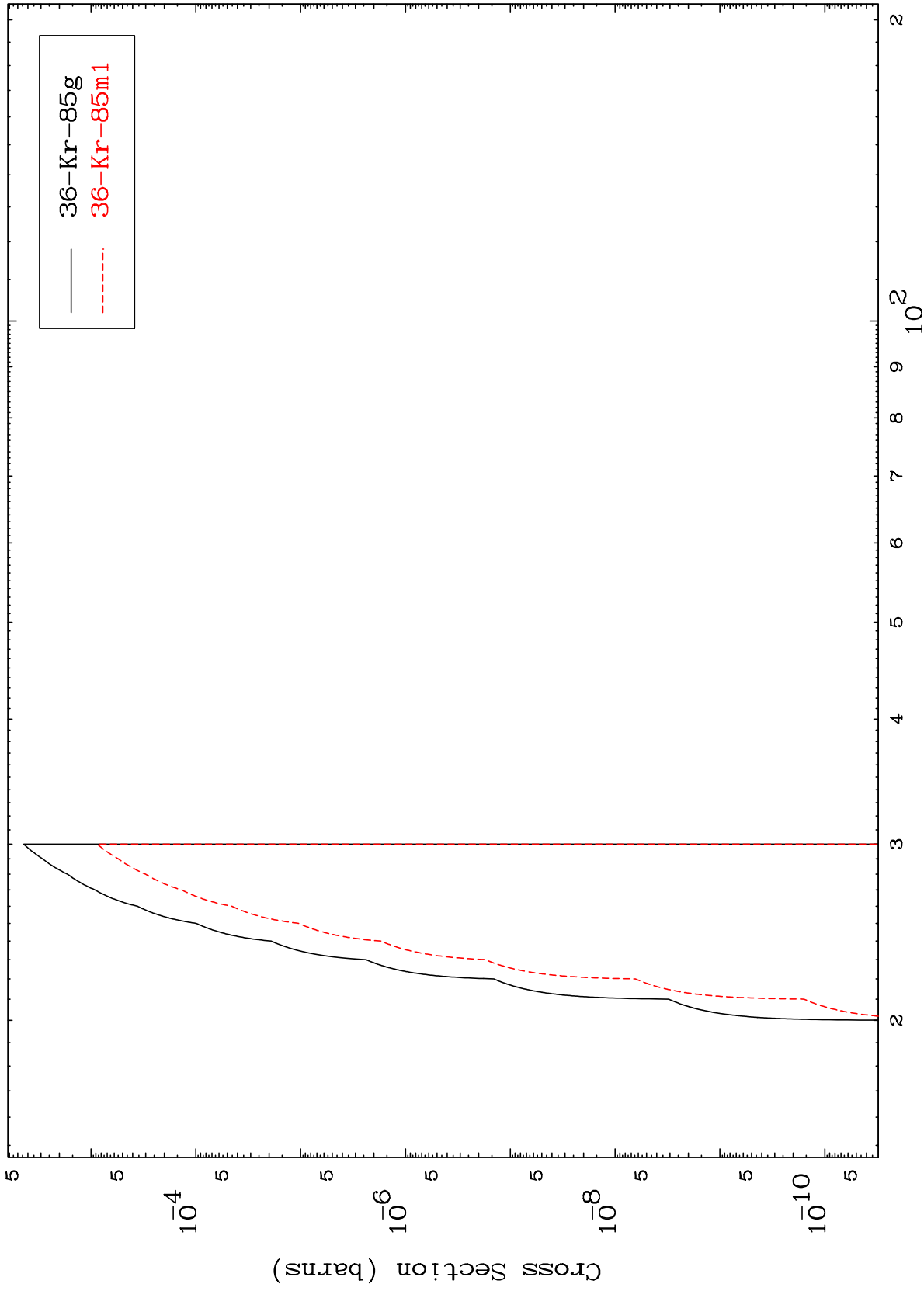
126 38-Sr-90

MAT 3843

(n,2n) α

38-Sr-90

Radionuclide Production Cross Section



127

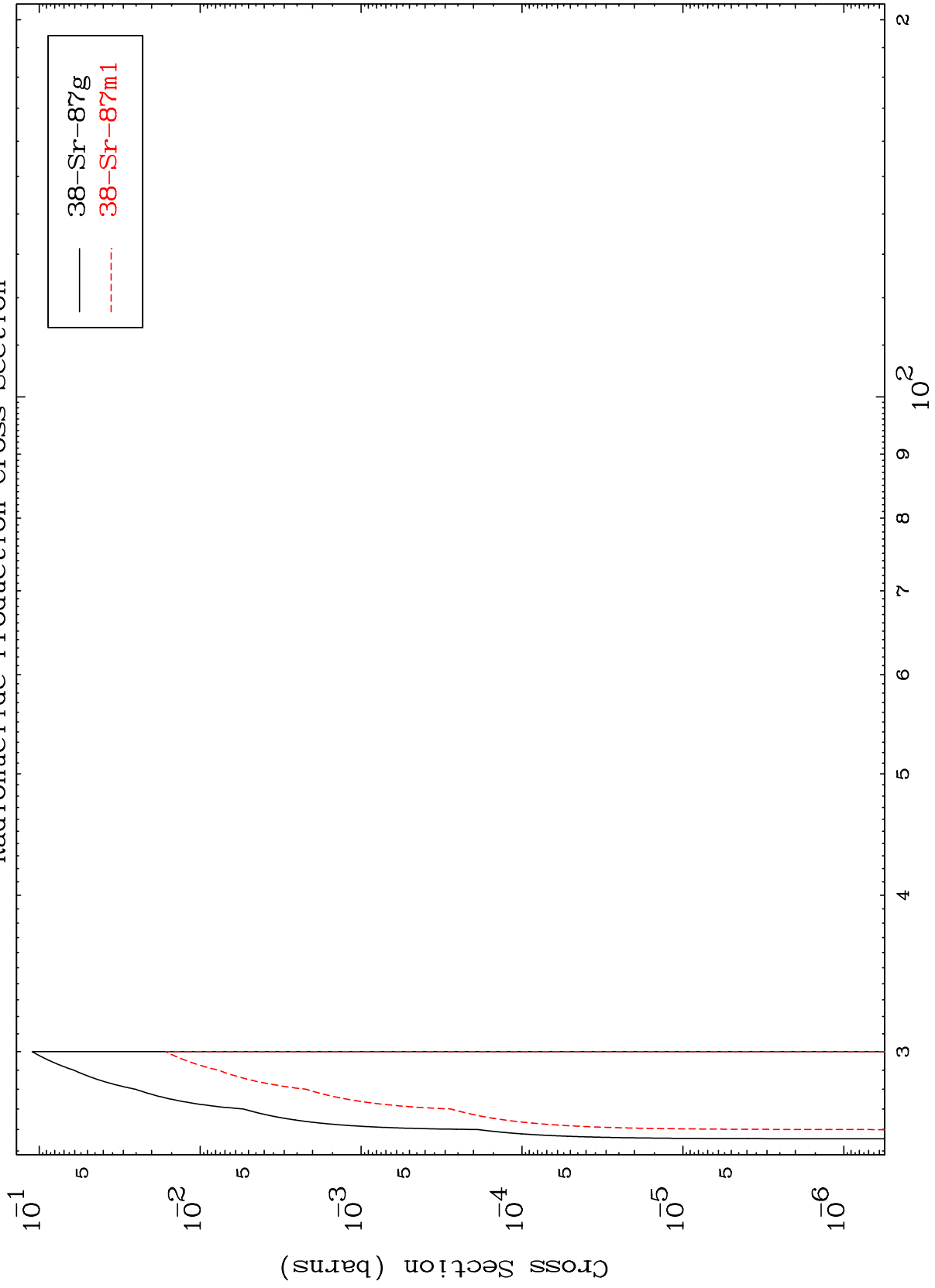
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

(n,4n)
Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

128

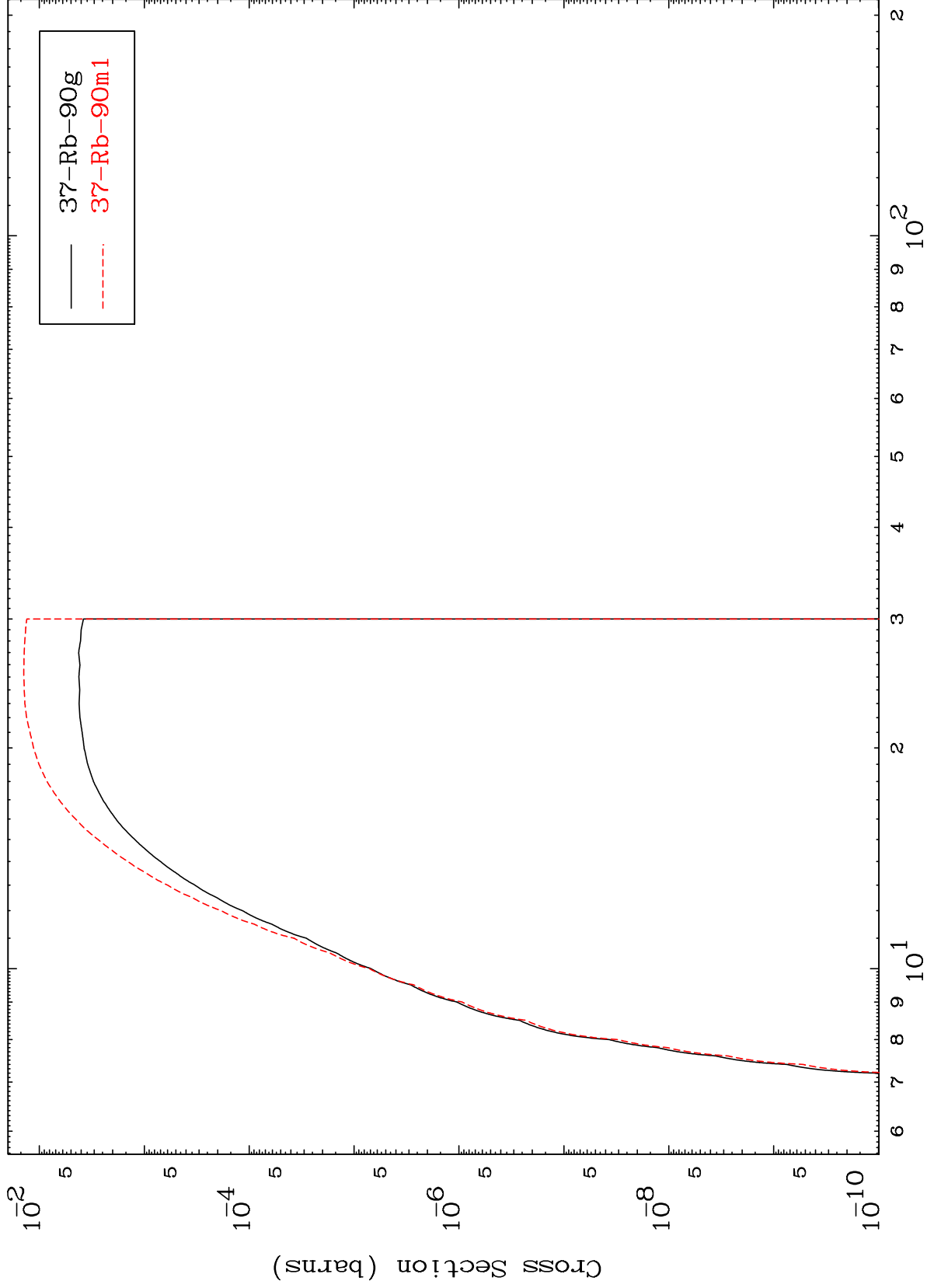
38-Sr-90

Incident Energy (MeV)

MAT 3843

38-Sr-90

(n,p)
Radionuclide Production Cross Section



129

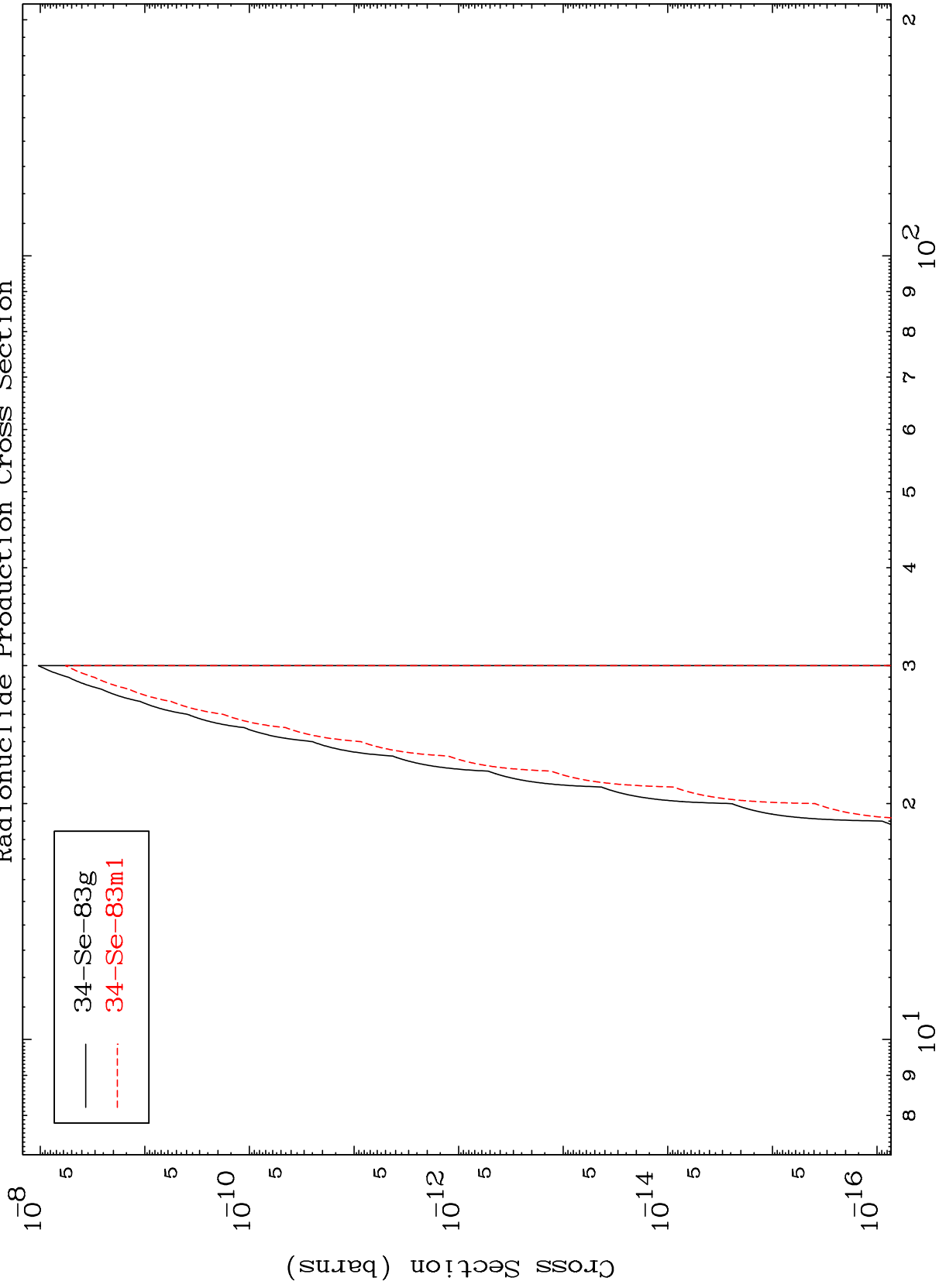
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

Radionuclide Production Cross Section
(n,2α)



34-Se-83g
34-Se-83m1

130

Incident Energy (MeV)

38-Sr-90