

Program EVALPLOT
(Version 2018-1)

by

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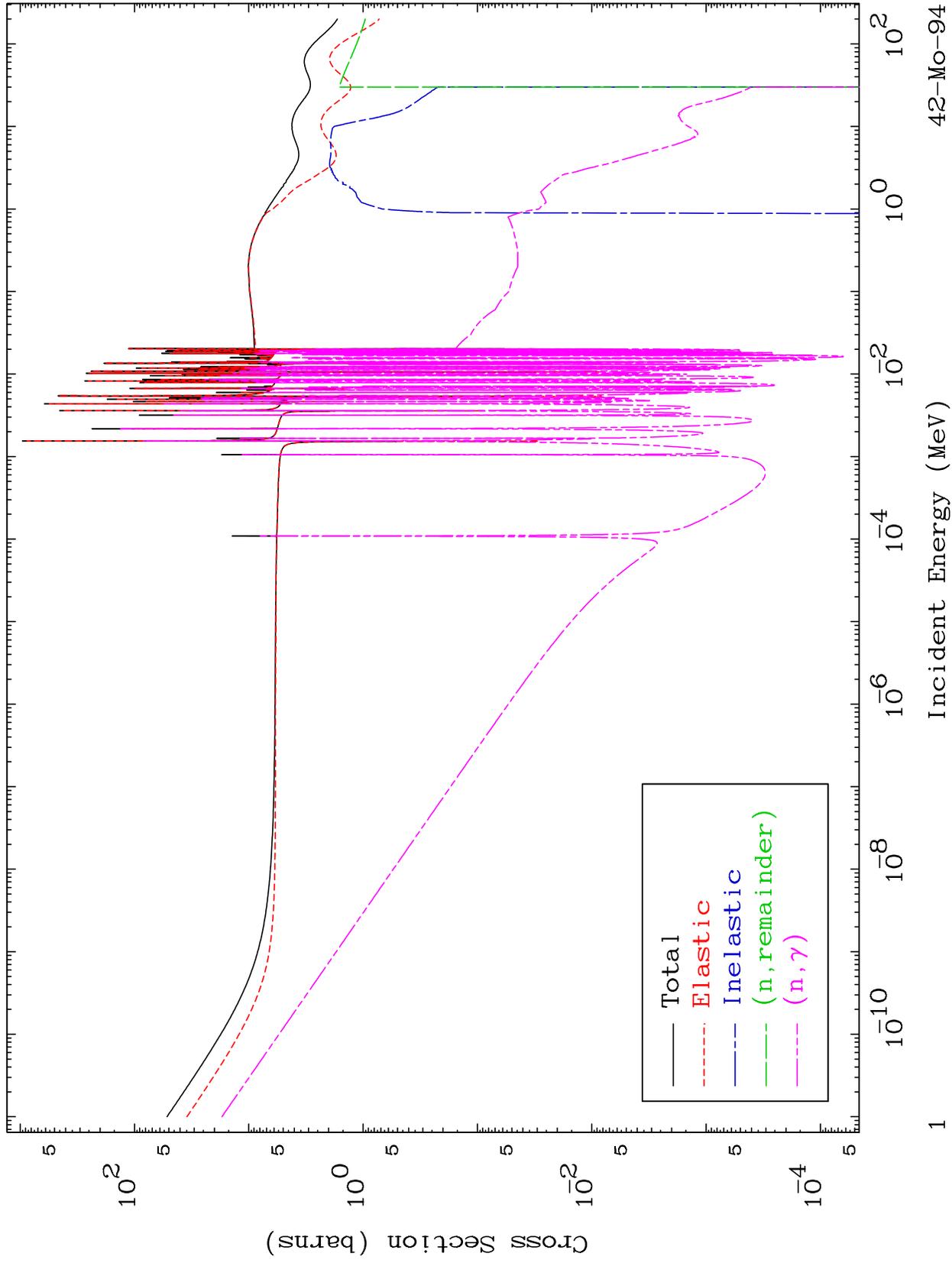
Press Mouse Button to Start

MAT 4231

Major

293 Kelvin Cross Sections

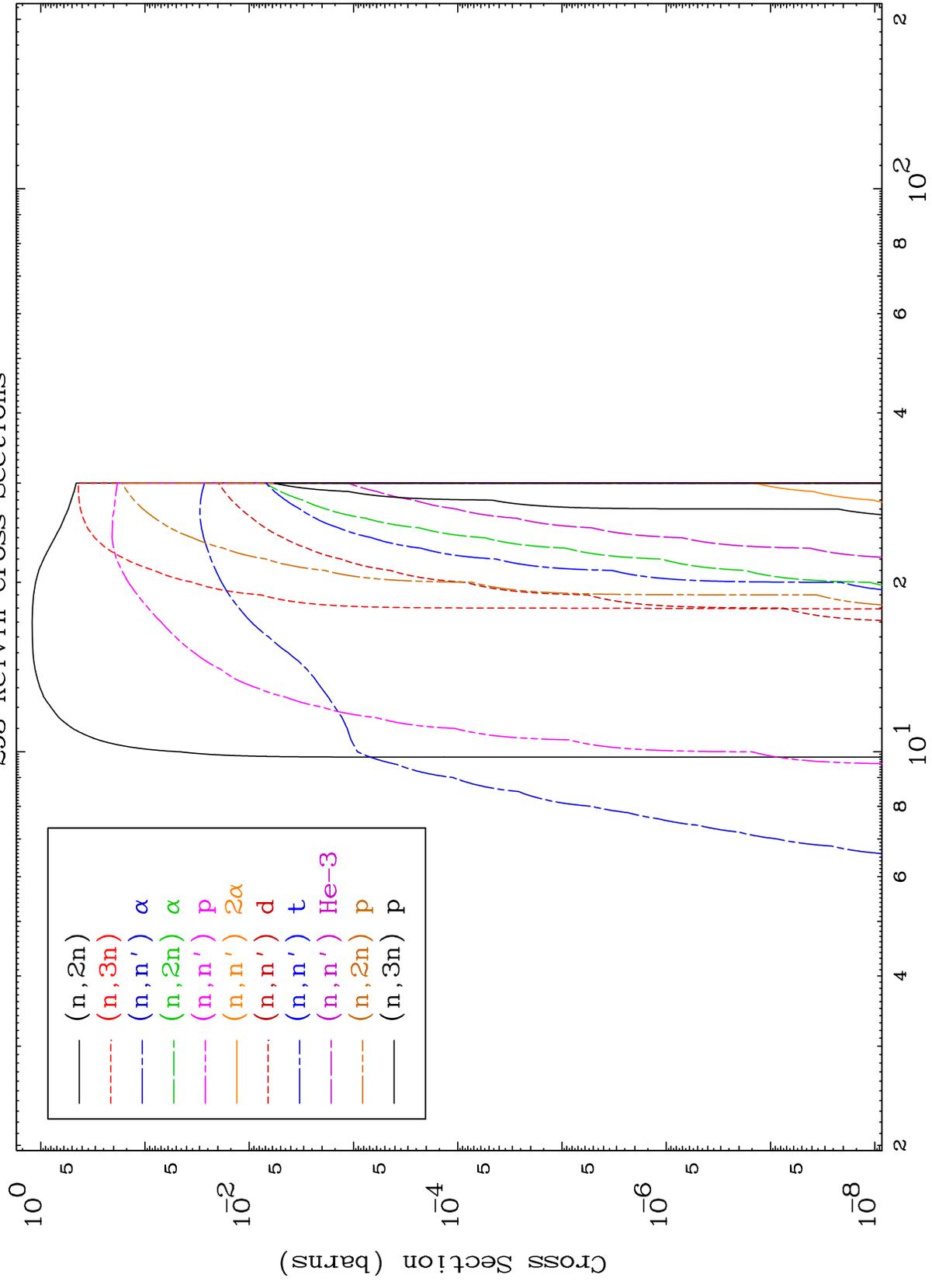
42-Mo-94



MAT 4231

Neutron Production
293 Kelvin Cross Sections

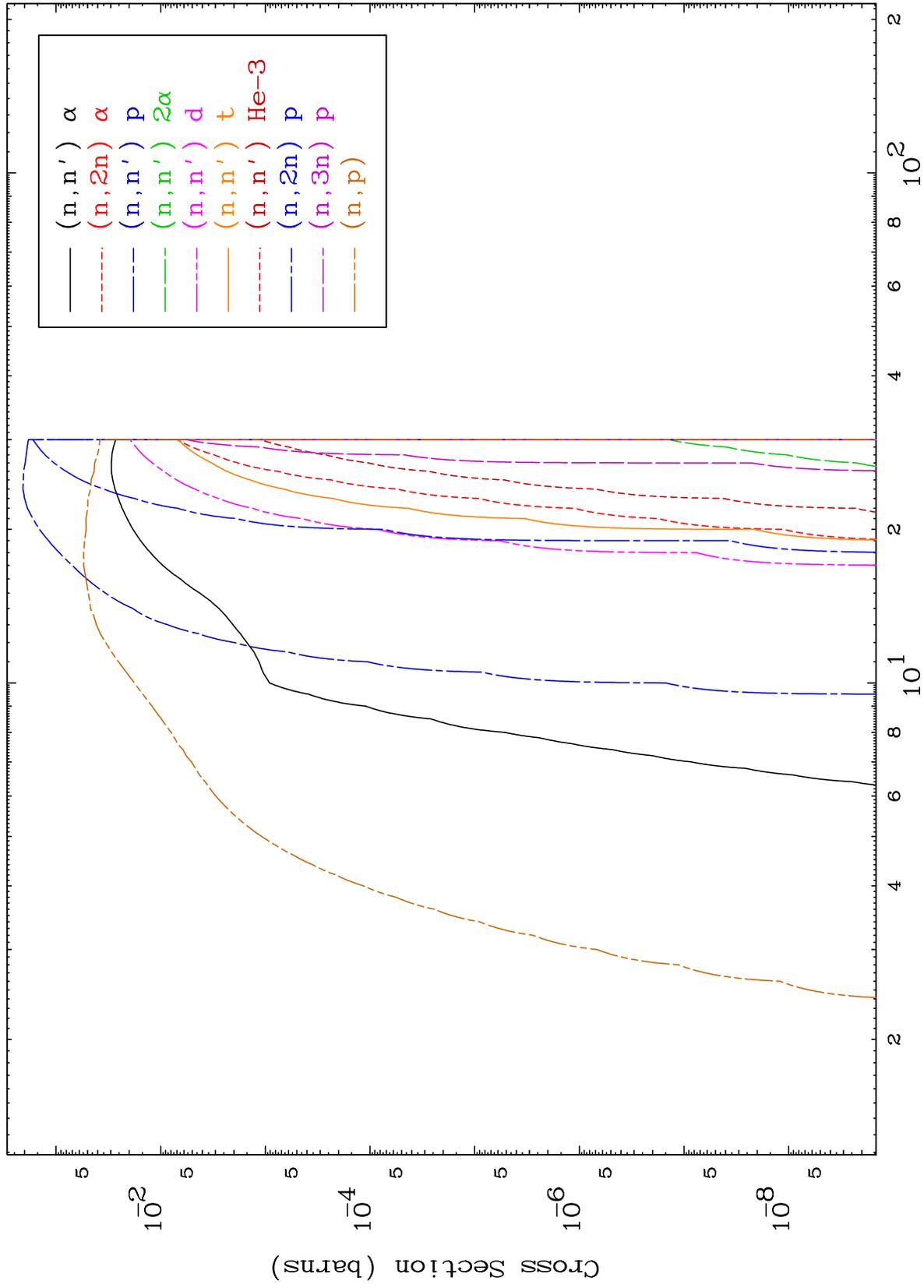
42-Mo-94



2

Incident Energy (MeV)

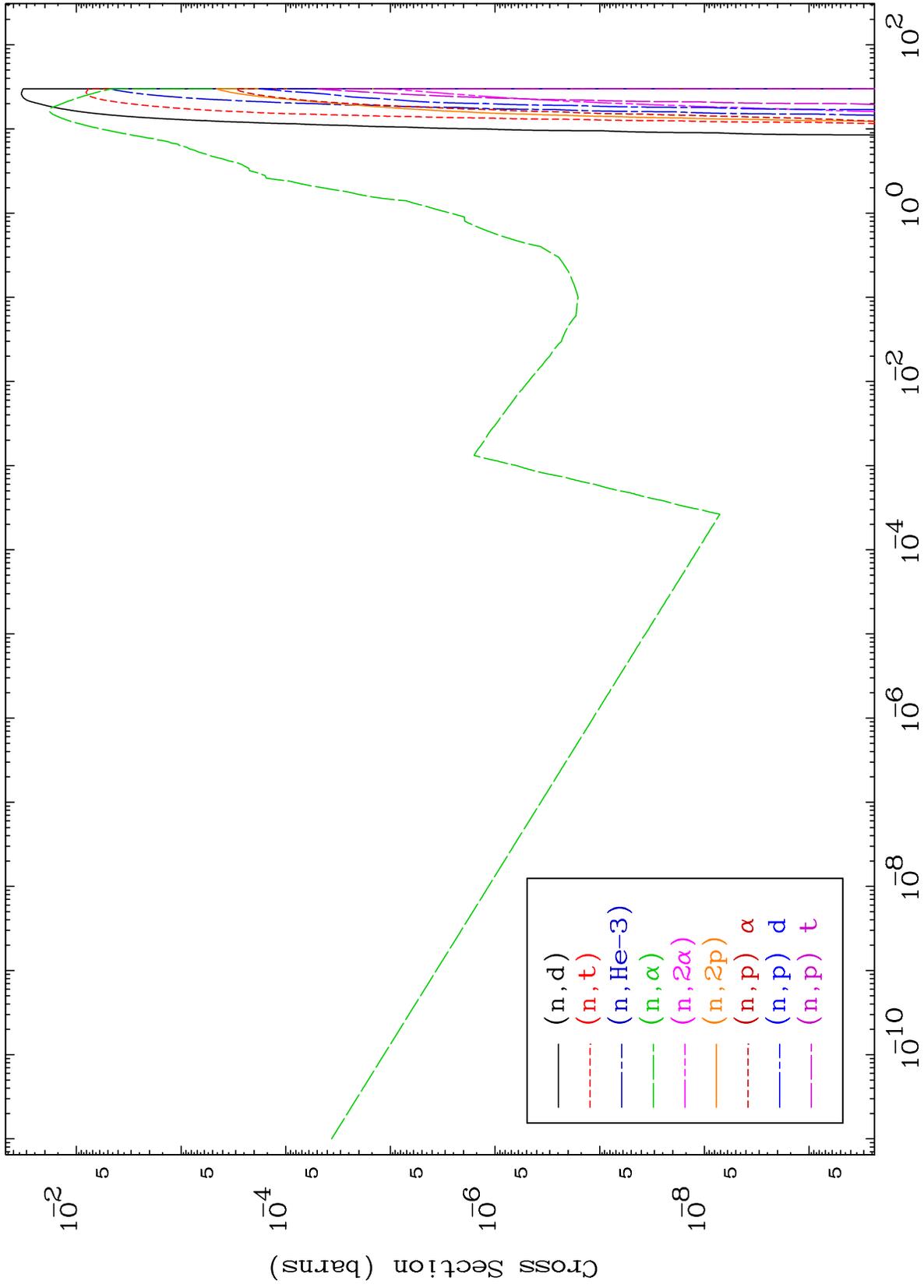
42-Mo-94

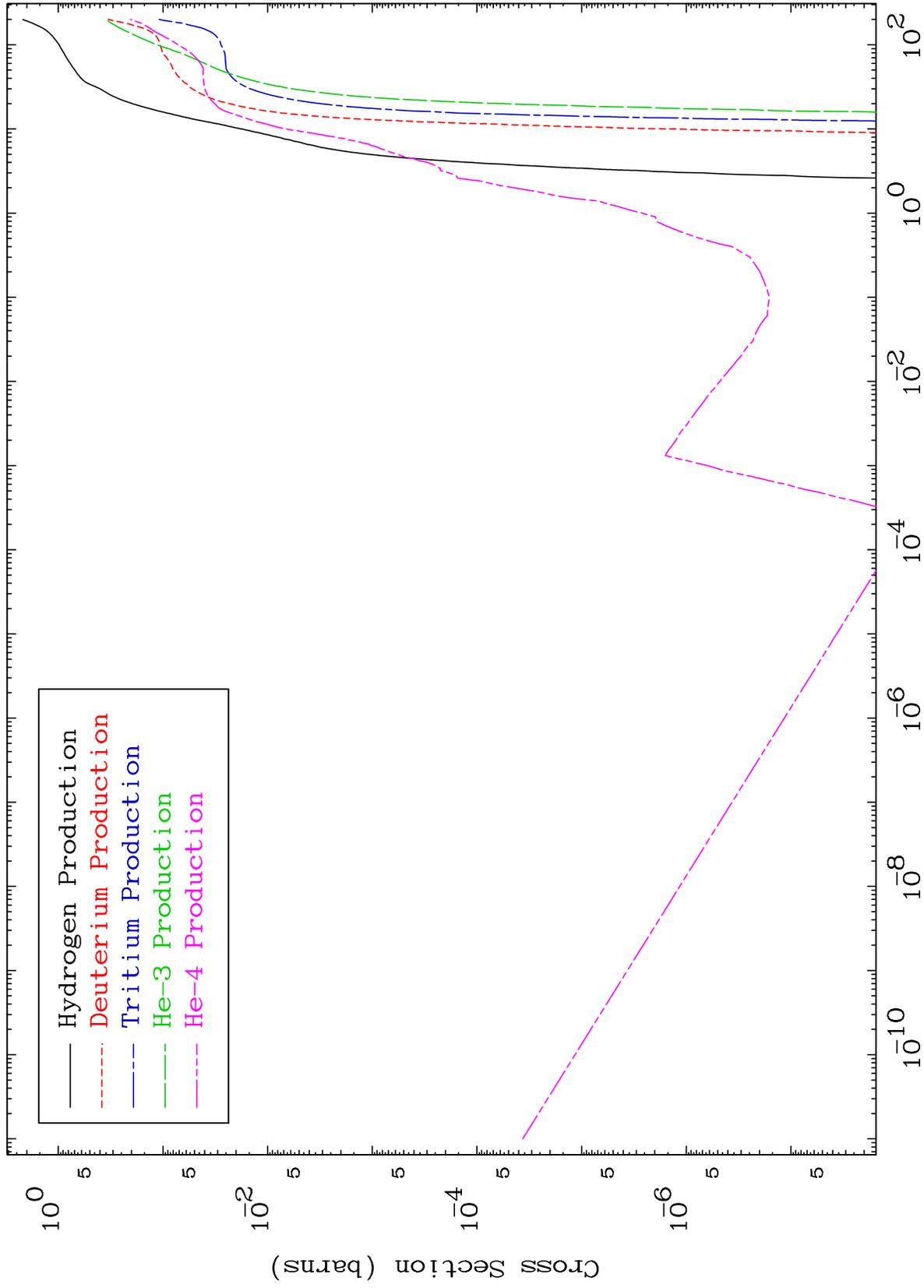


MAT 4231

293 Kelvin Cross Sections

42-Mo-94



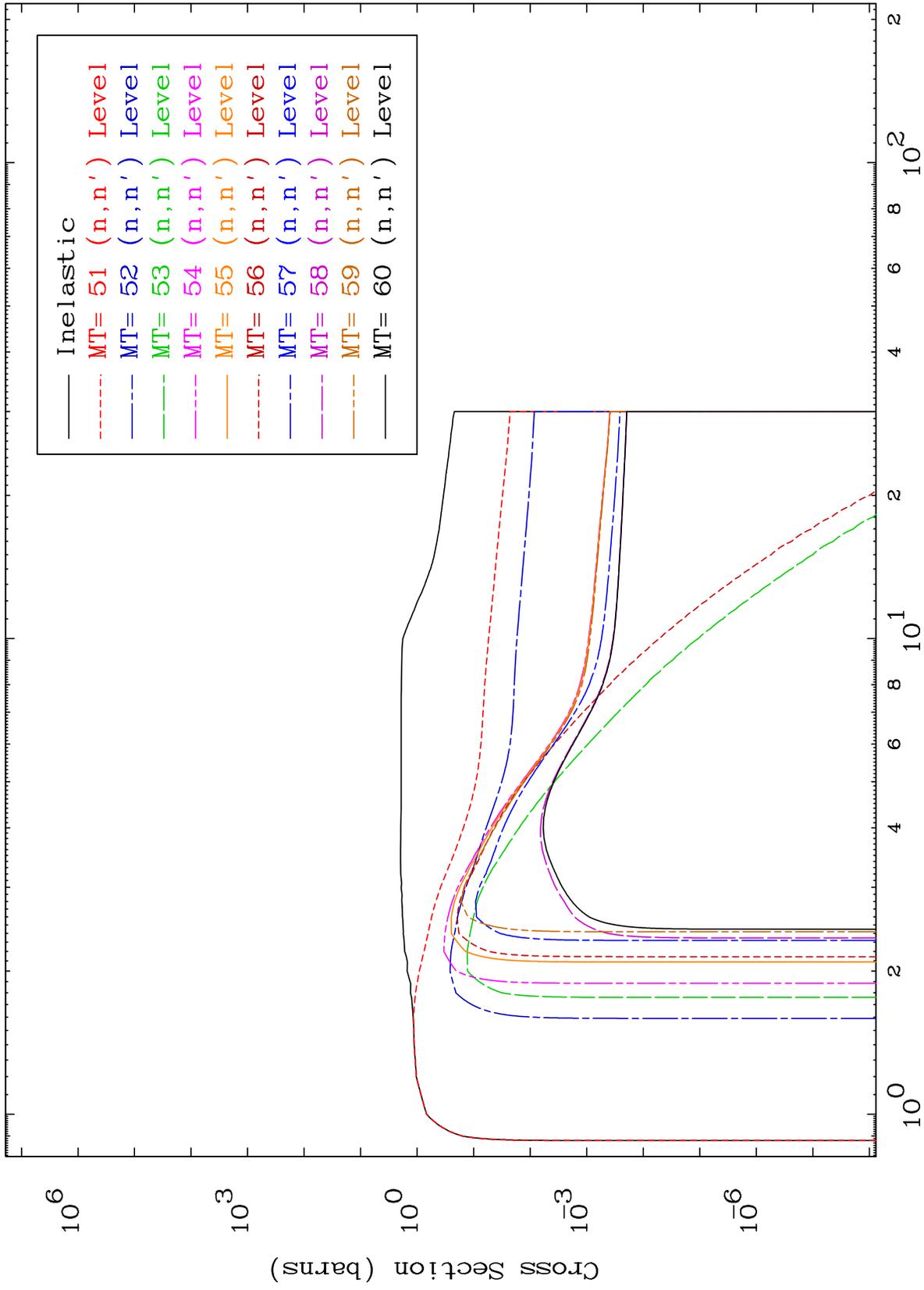


MAT 4231

(n,n') Level

42-Mo-94

293 Kelvin Cross Sections



6

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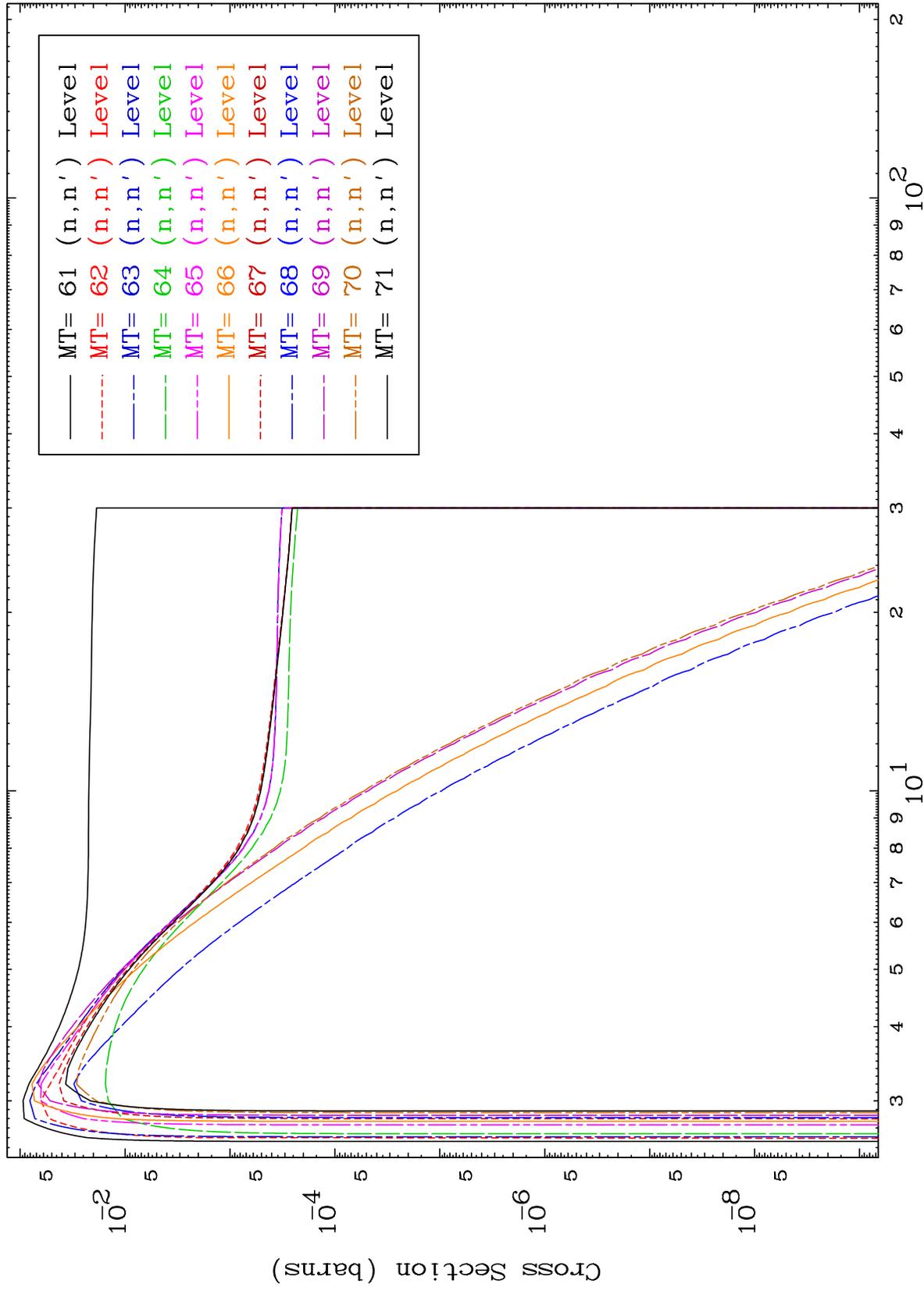
42-Mo-94

MAT 4231

(n,n') Level

293 Kelvin Cross Sections

42-Mo-94



7

Incident Energy (MeV)

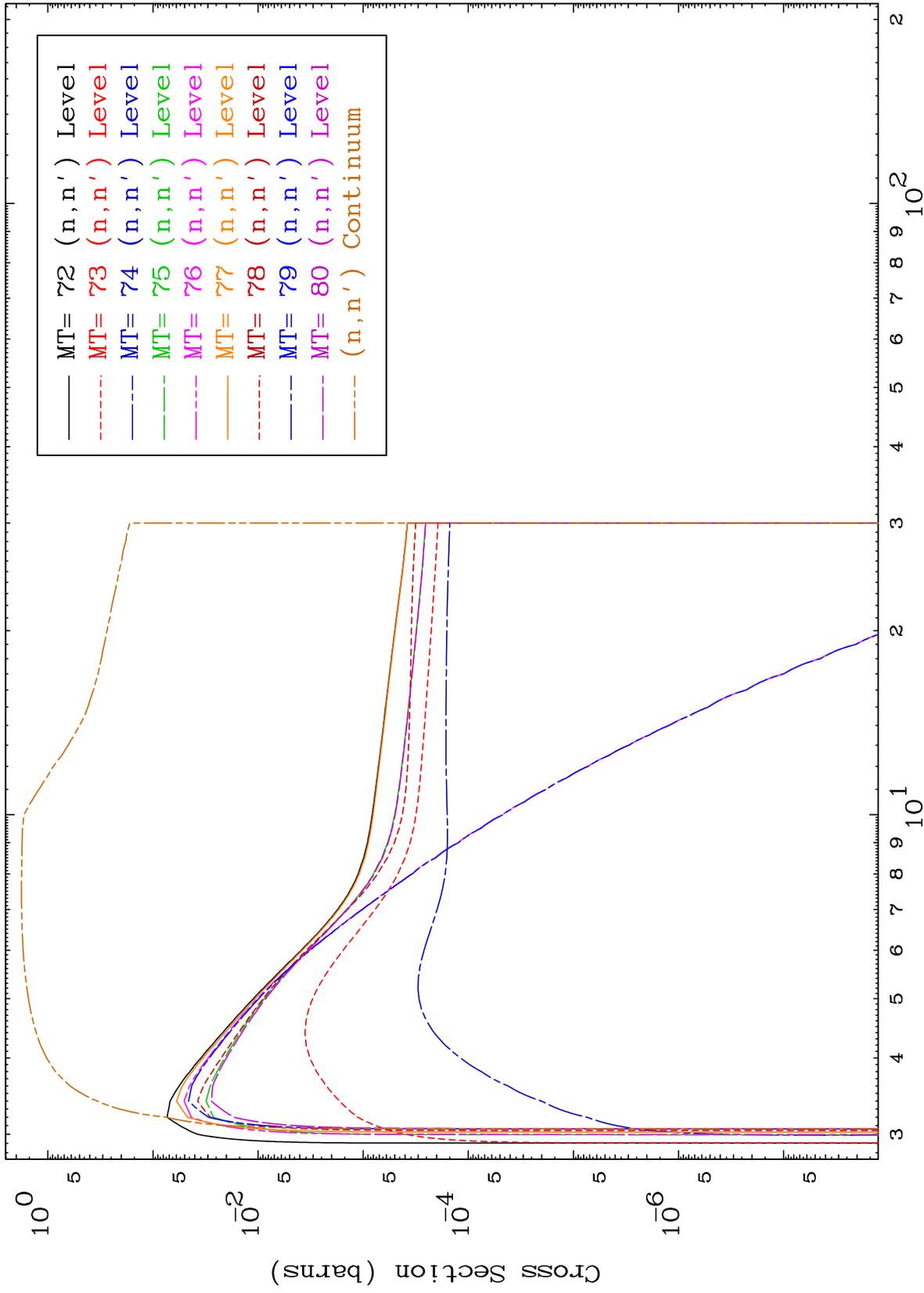
42-Mo-94

MAT 4231

(n,n') Level

42-Mo-94

293 Kelvin Cross Sections



8

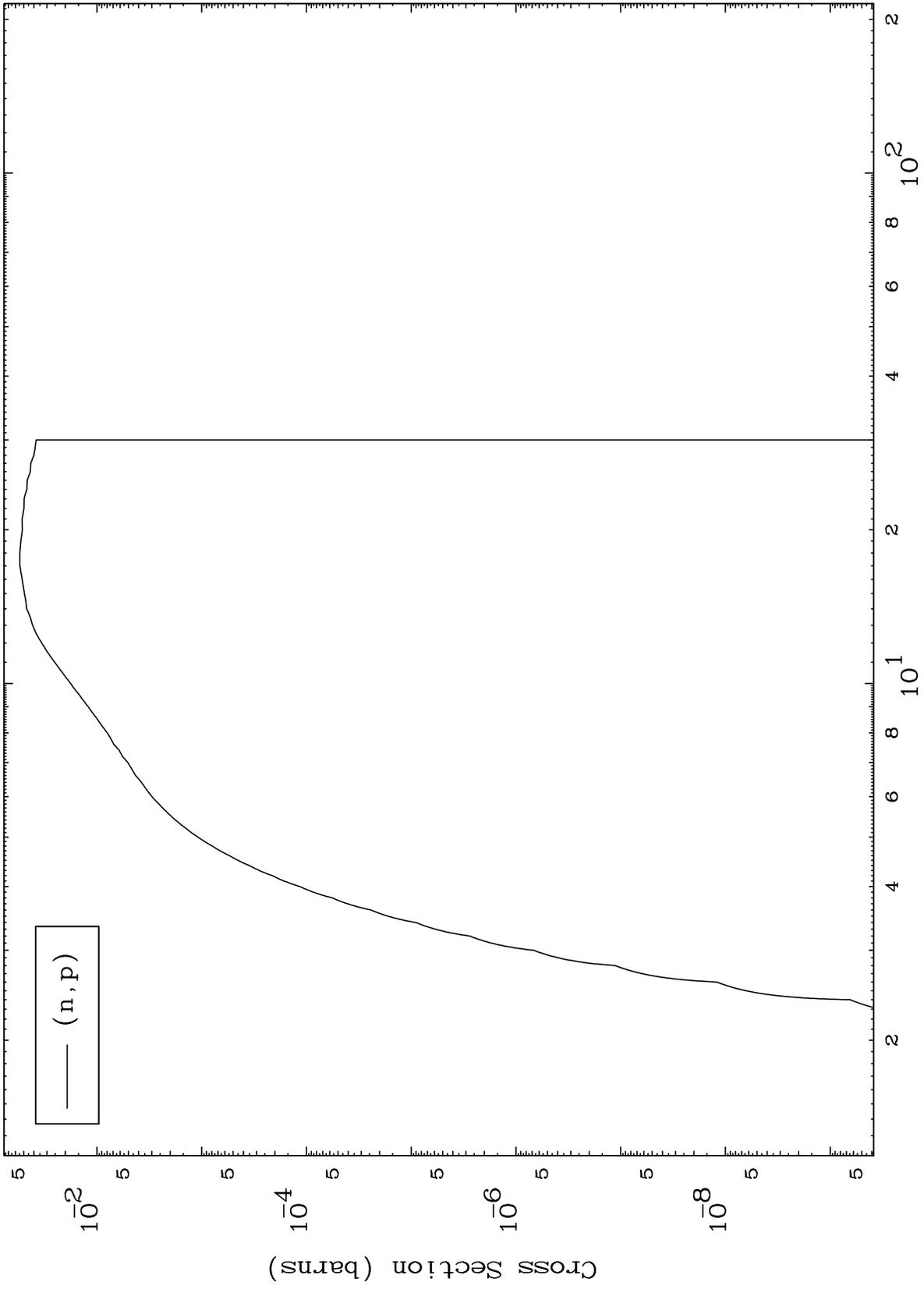
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42-Mo-94

MAT 4231

(n,p) Levels
293 Kelvin Cross Sections

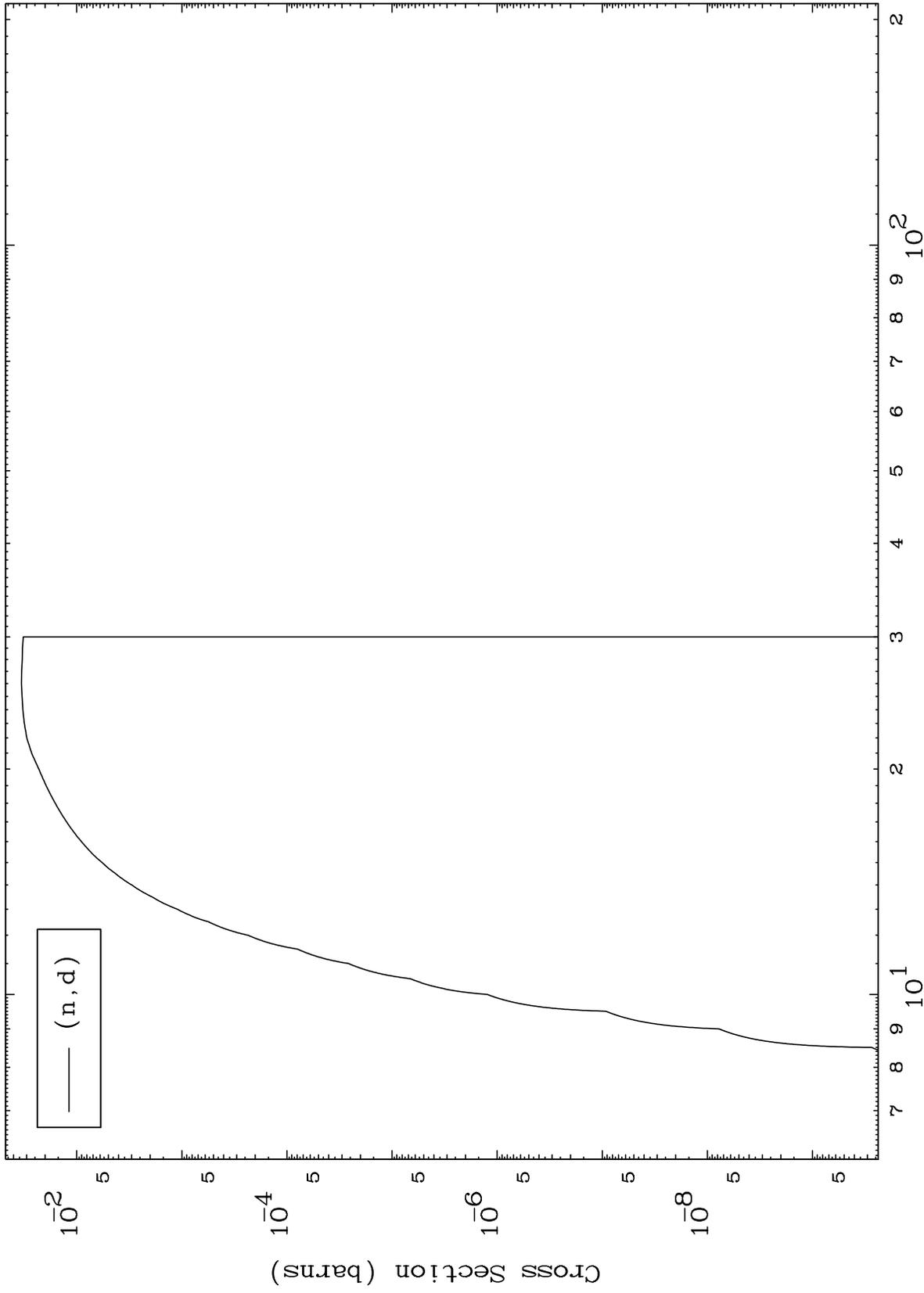
42-Mo-94



MAT 4231

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-94



10

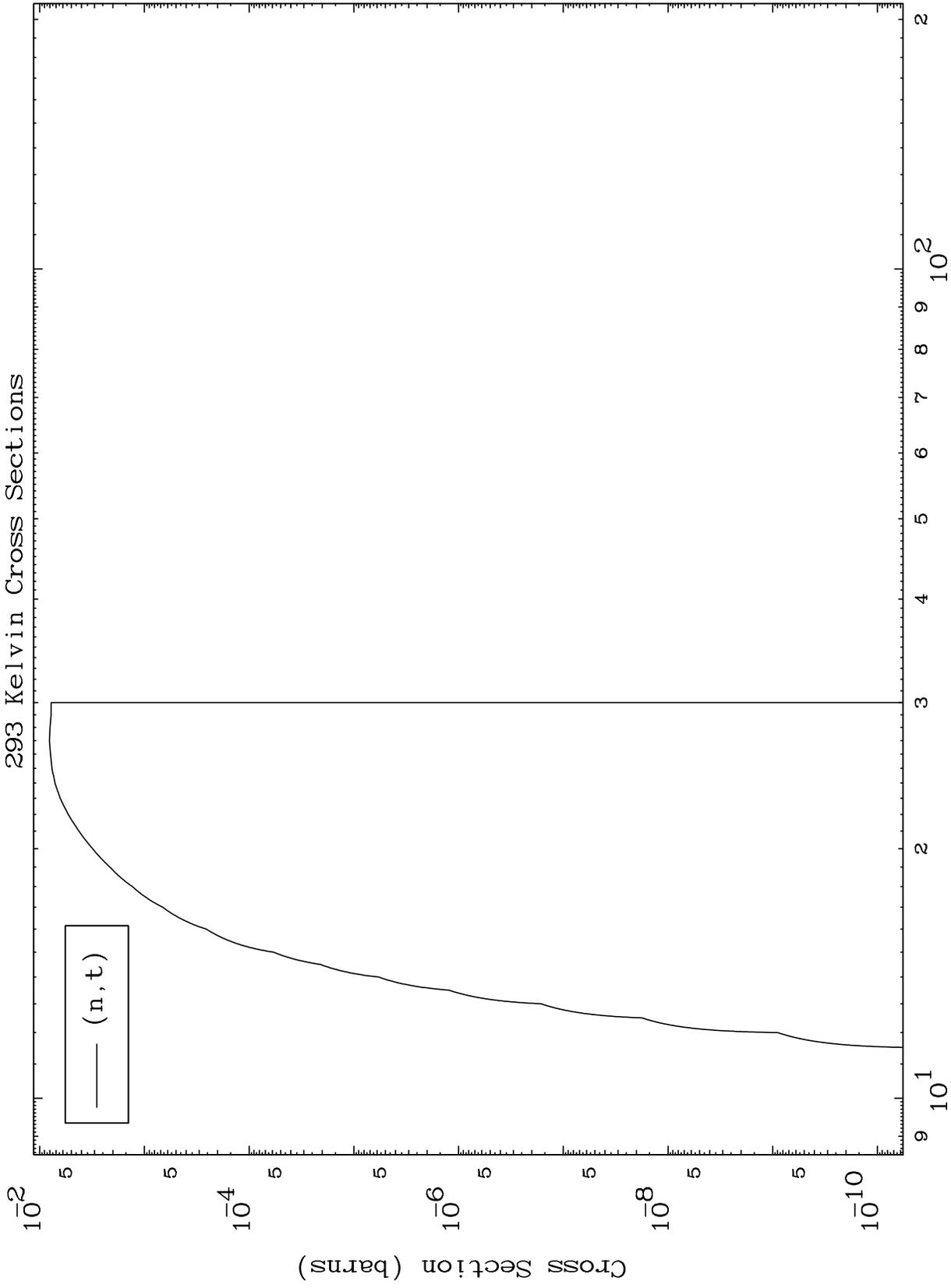
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42-Mo-94

MAT 4231

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-94



11

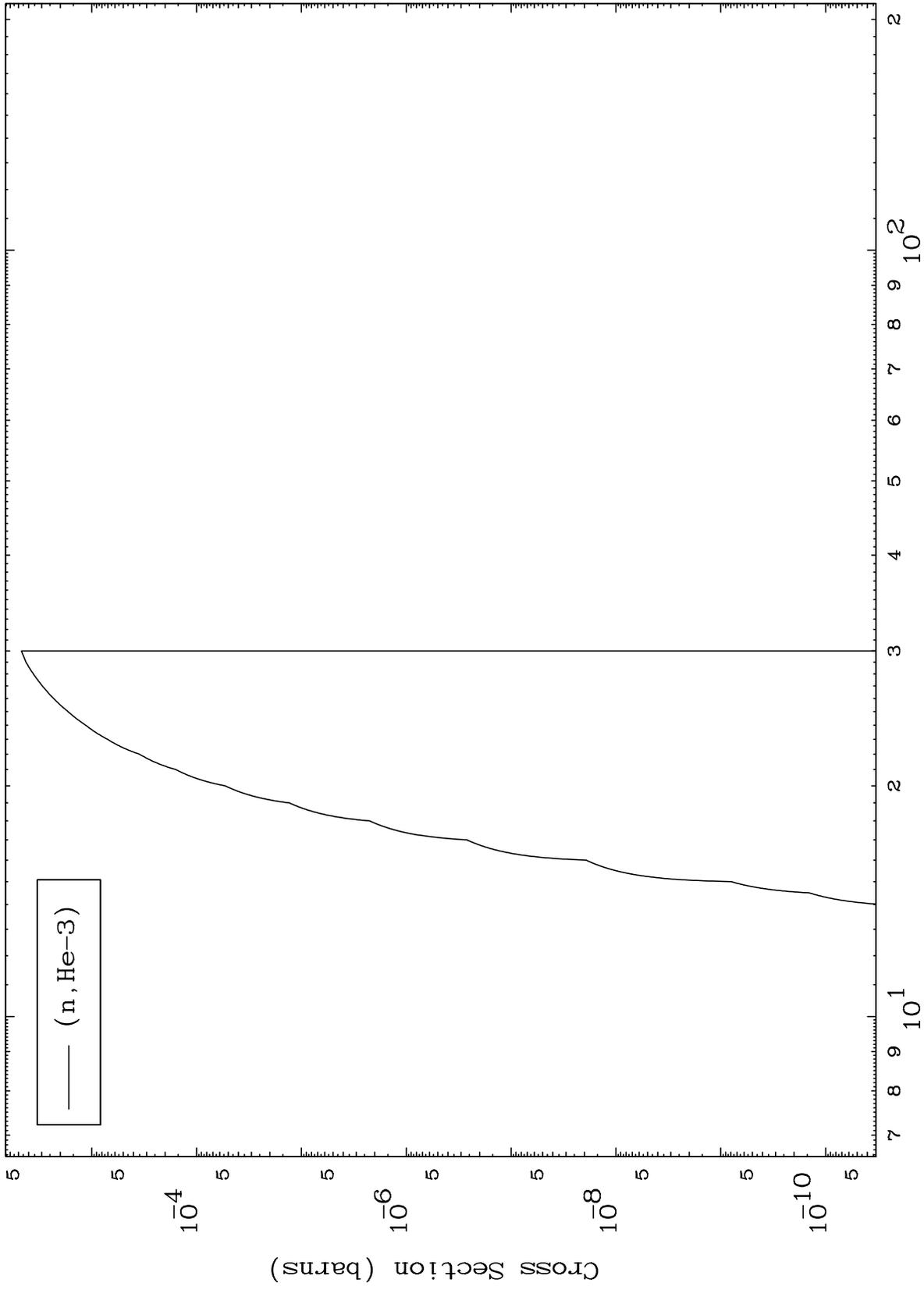
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42-Mo-94

MAT 4231

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-94



12

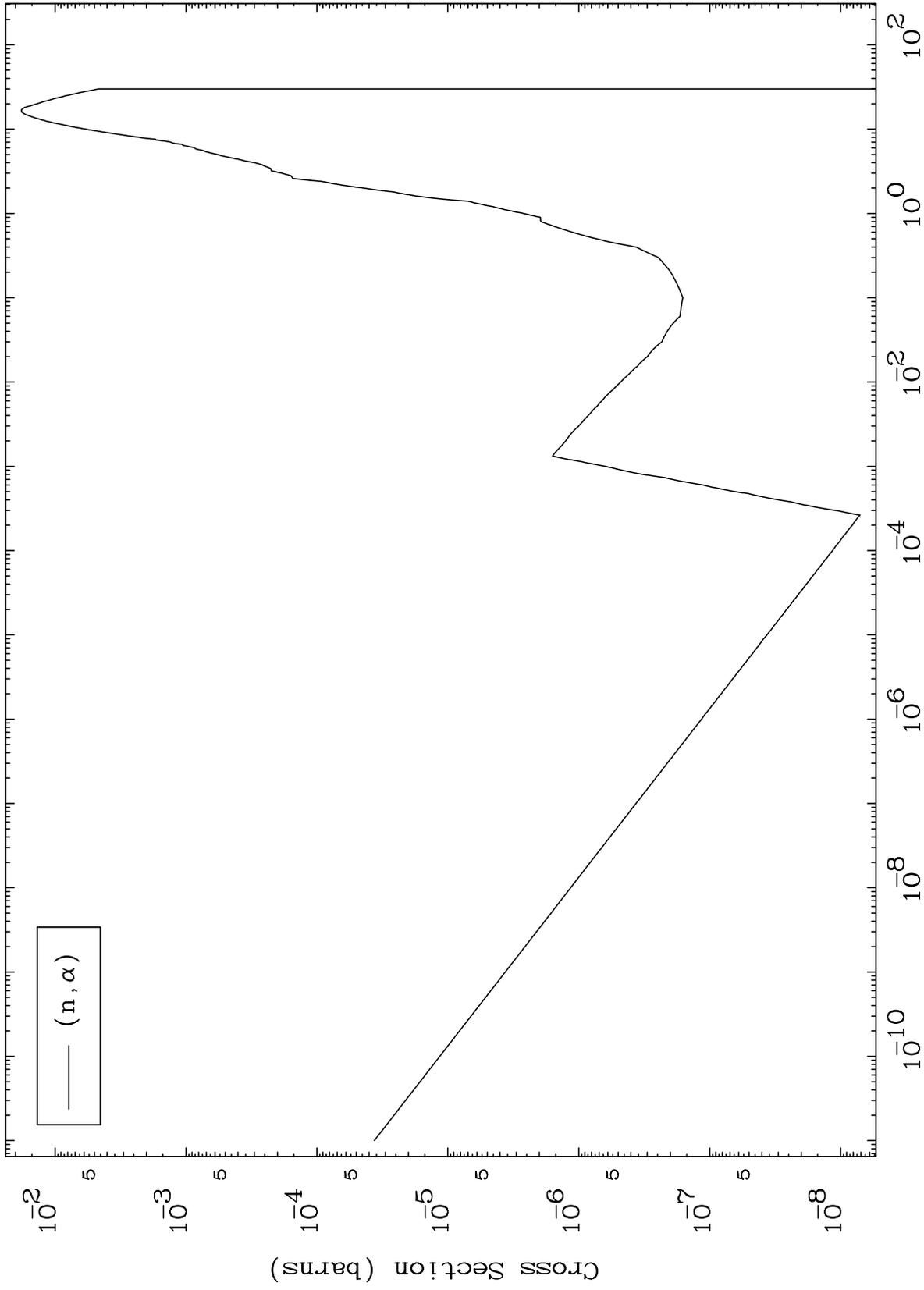
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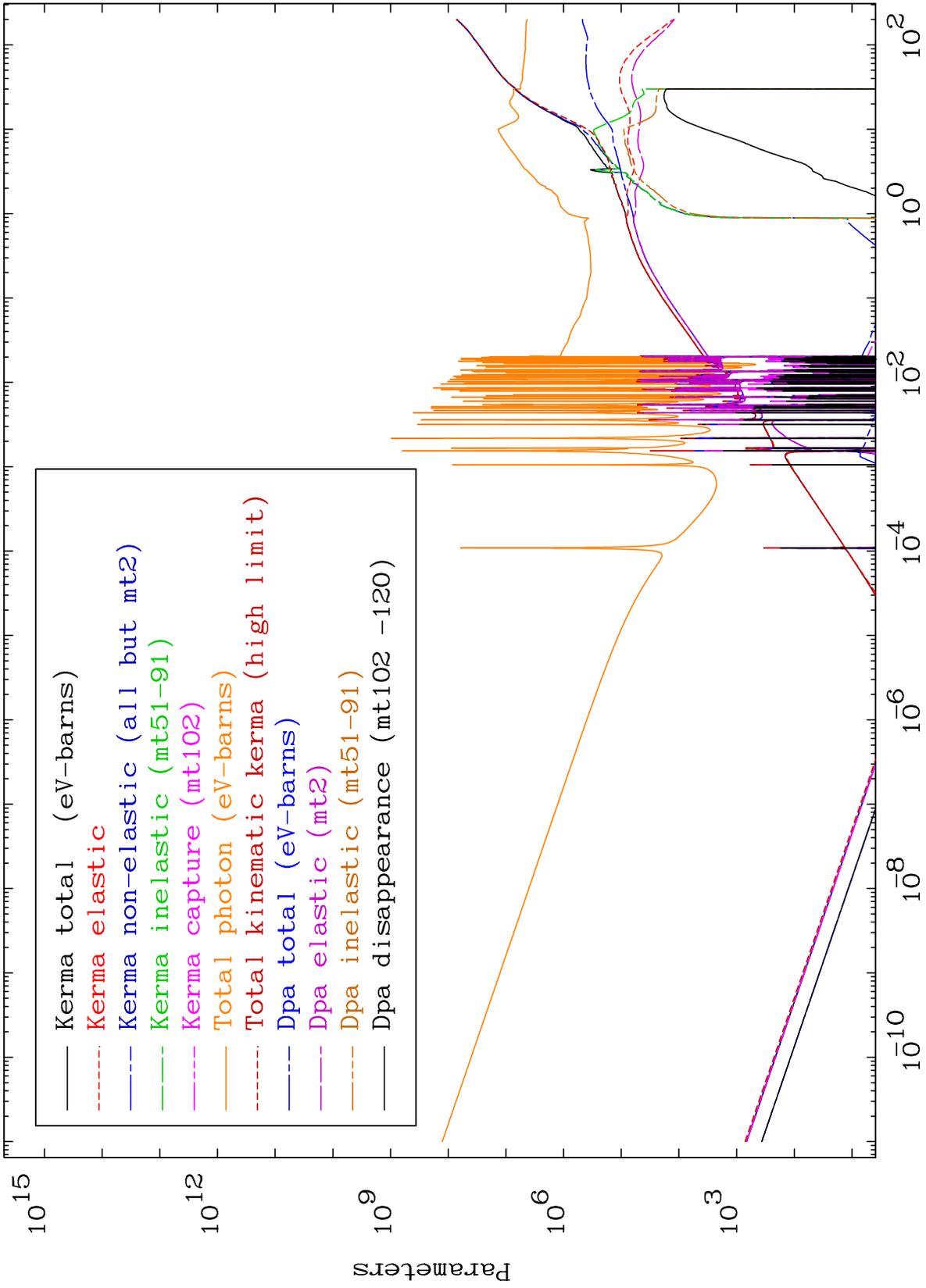
42-Mo-94

MAT 4231

(n,α) Levels
293 Kelvin Cross Sections

42-Mo-94

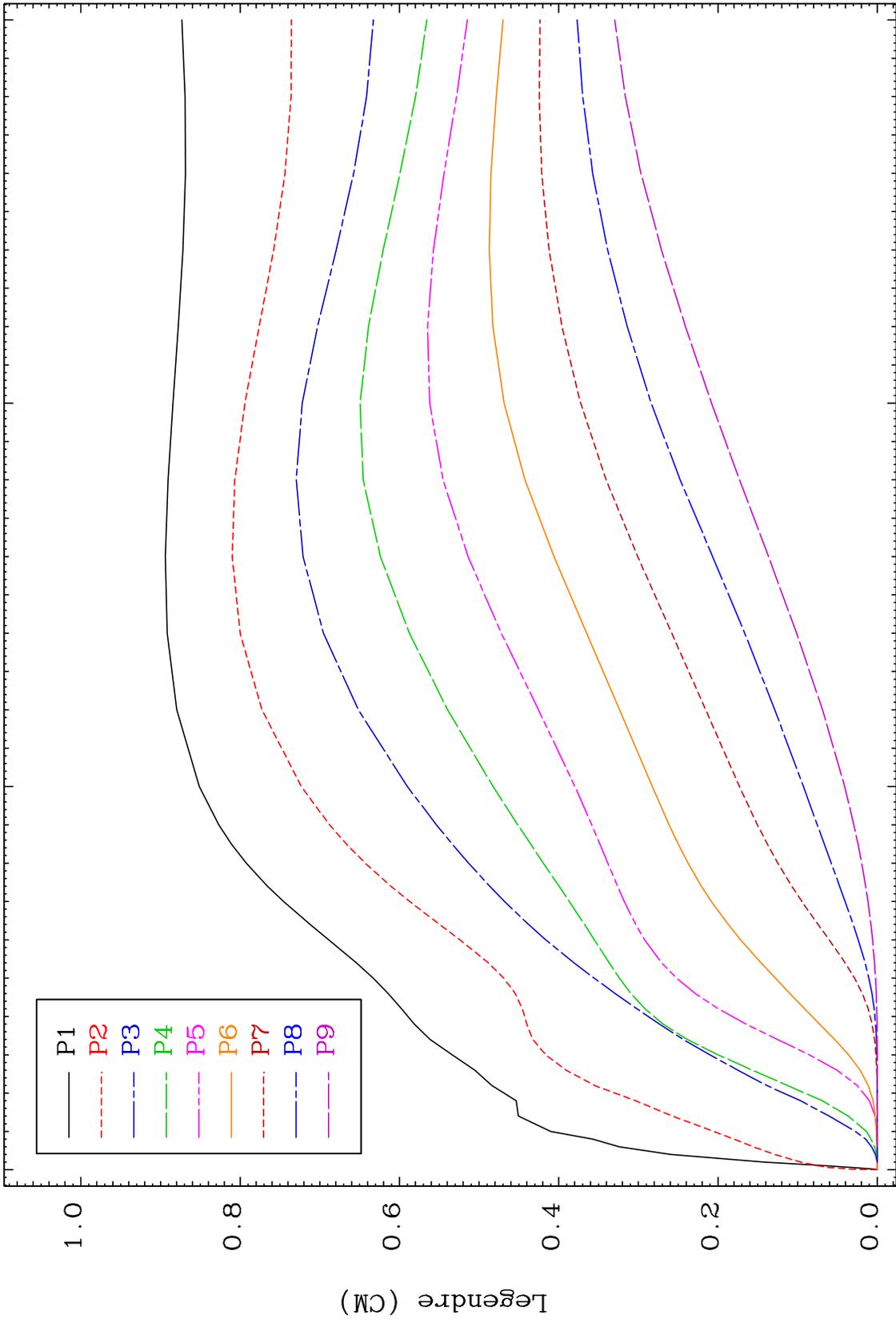




MAT 4231

Elastic Legendre Coefficients

42-Mo-94



15

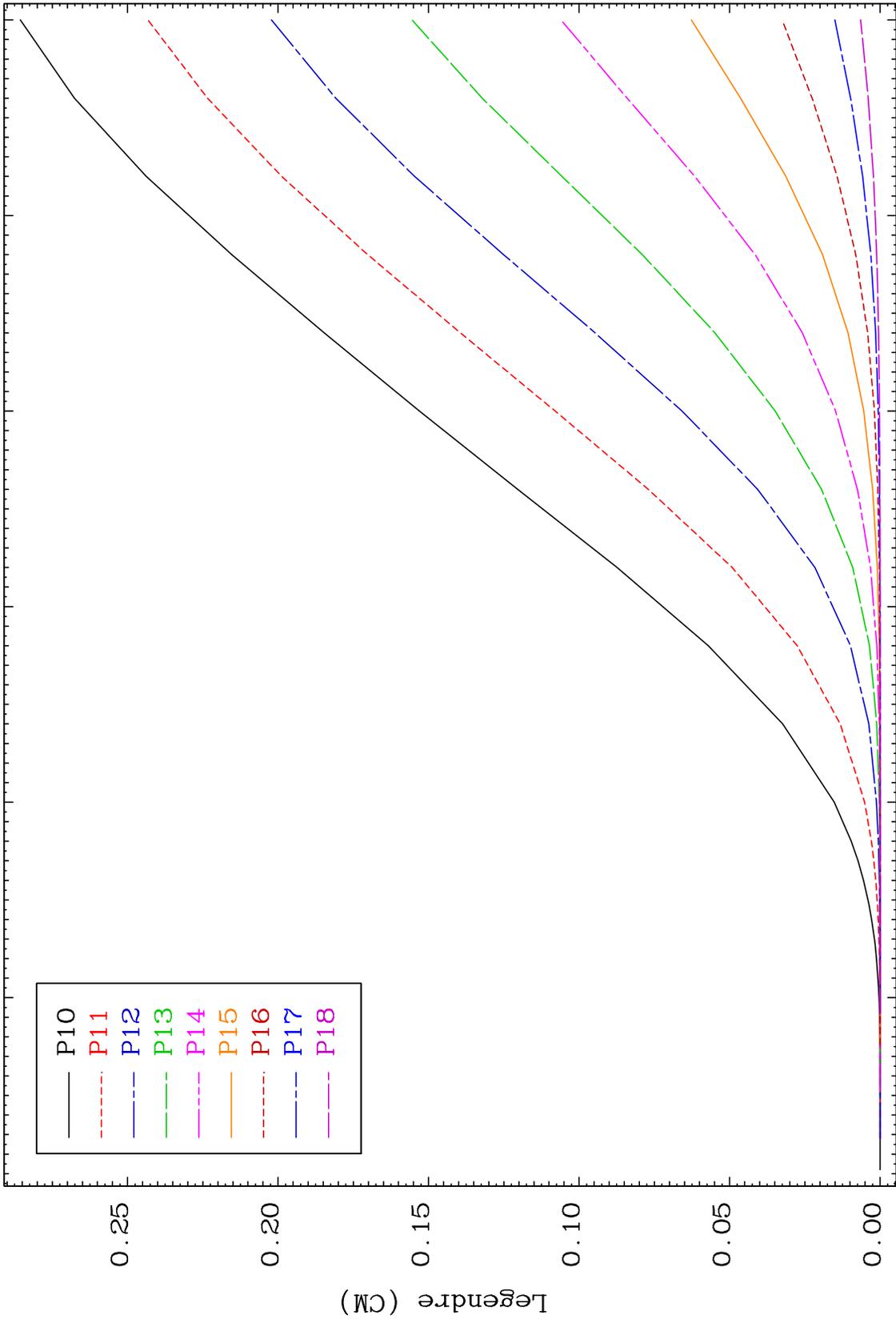
Incident Energy (MeV)

42-Mo-94

MAT 4231

Elastic Legendre Coefficients

42-Mo-94



16

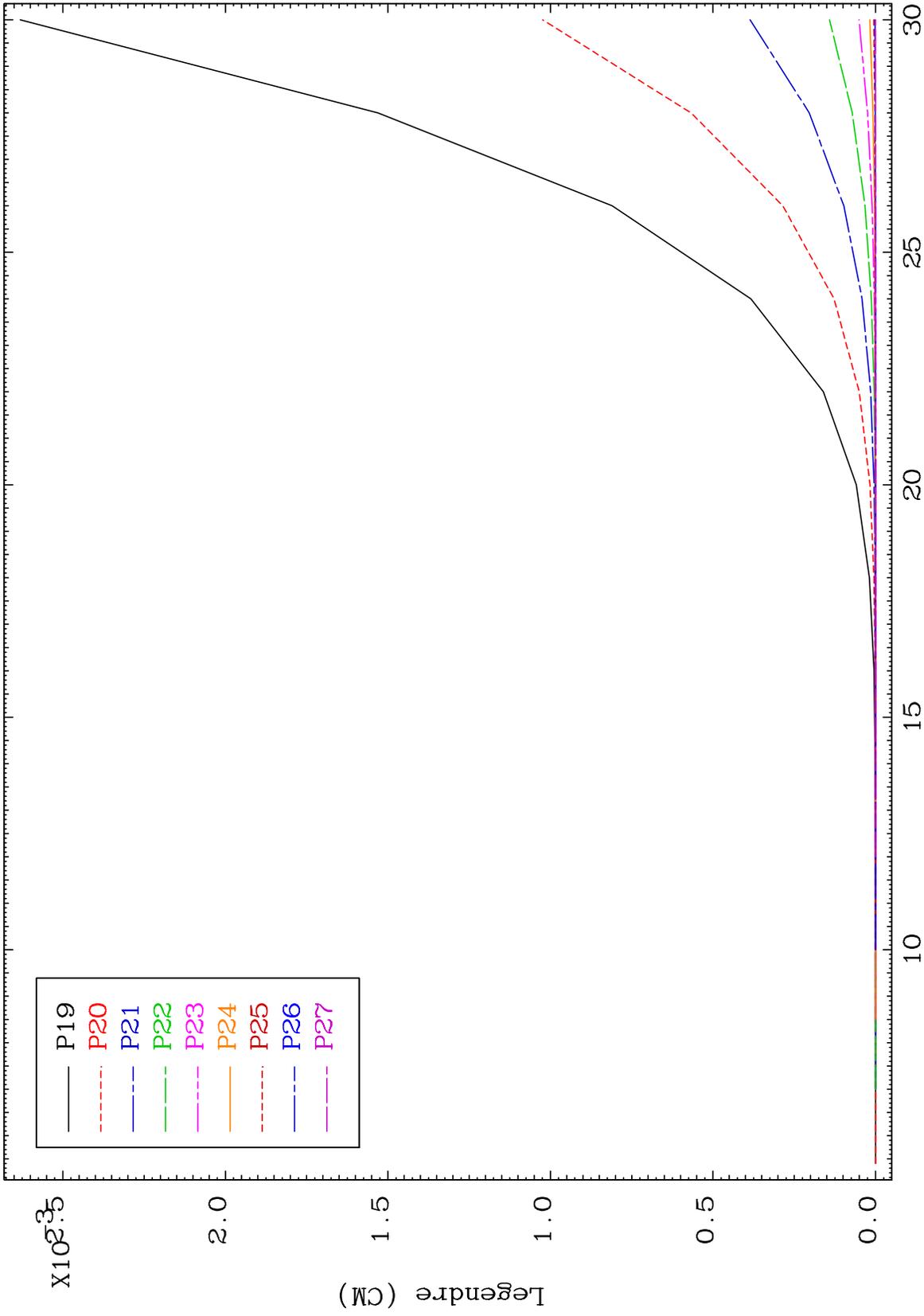
Incident Energy (MeV)

42-Mo-94

MAT 4231

Elastic Legendre Coefficients

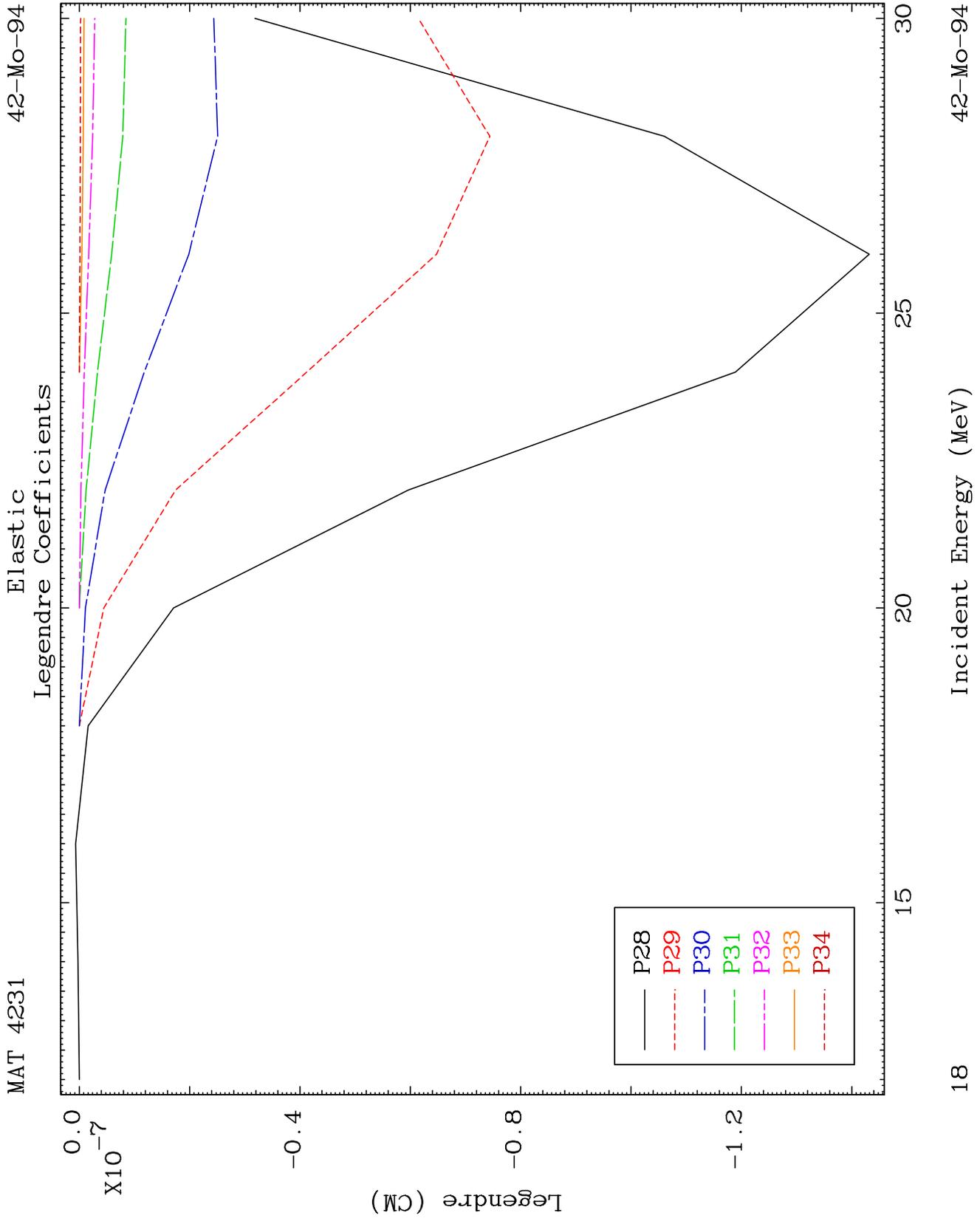
42-Mo-94



17

Incident Energy (MeV)

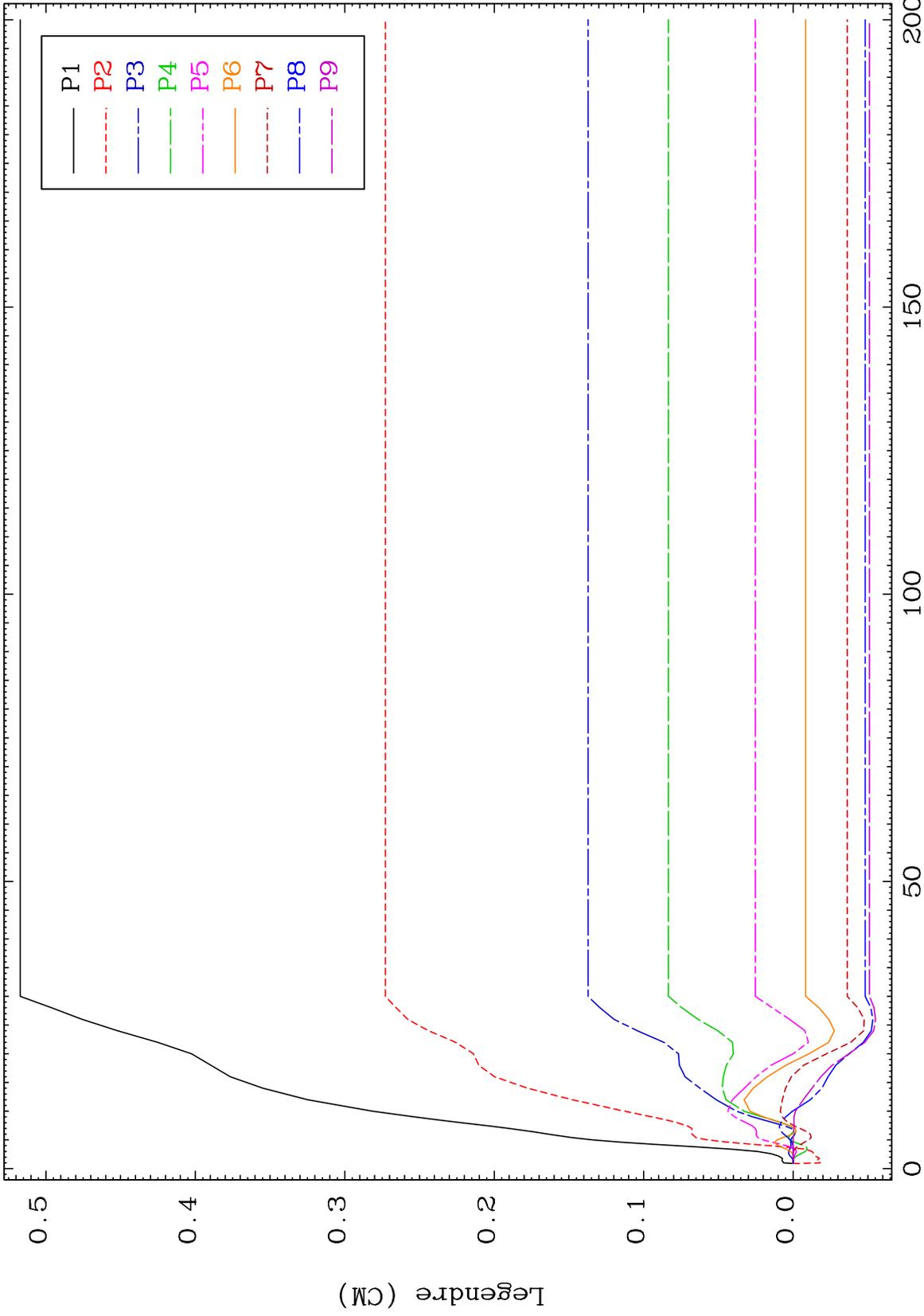
42-Mo-94



MAT 4231

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

42-Mo-94



19

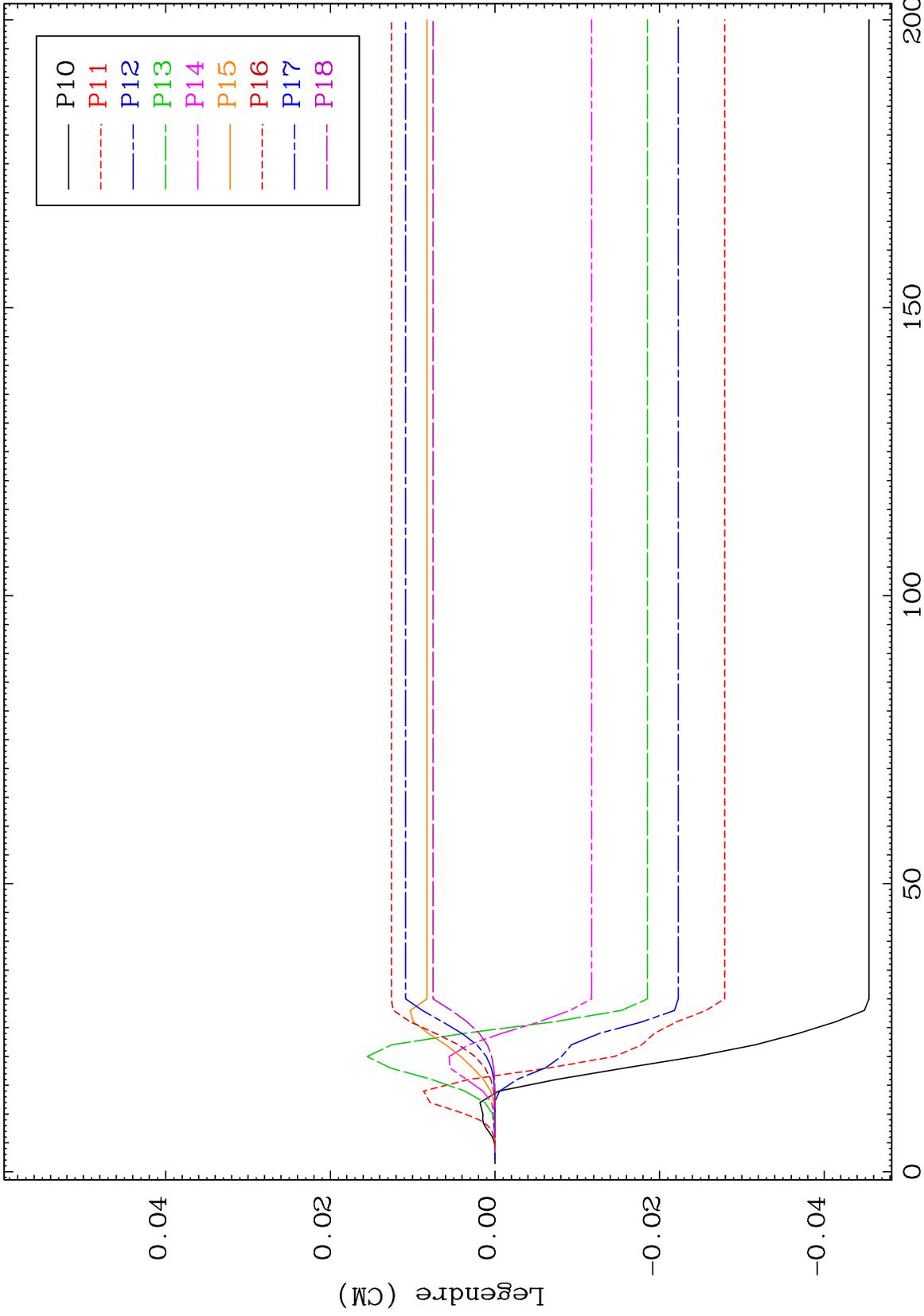
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



0

20

50

100

150

200

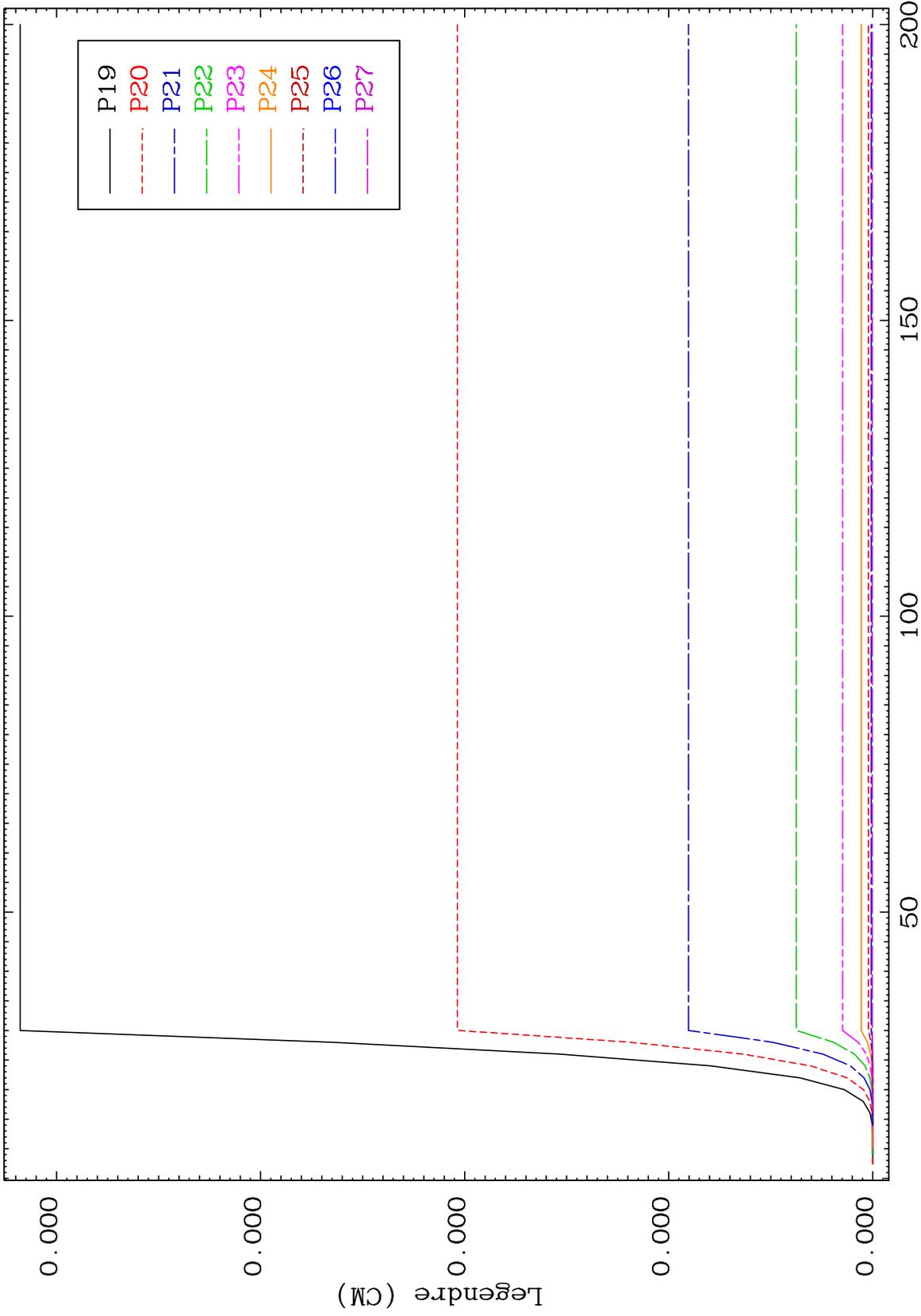
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



21

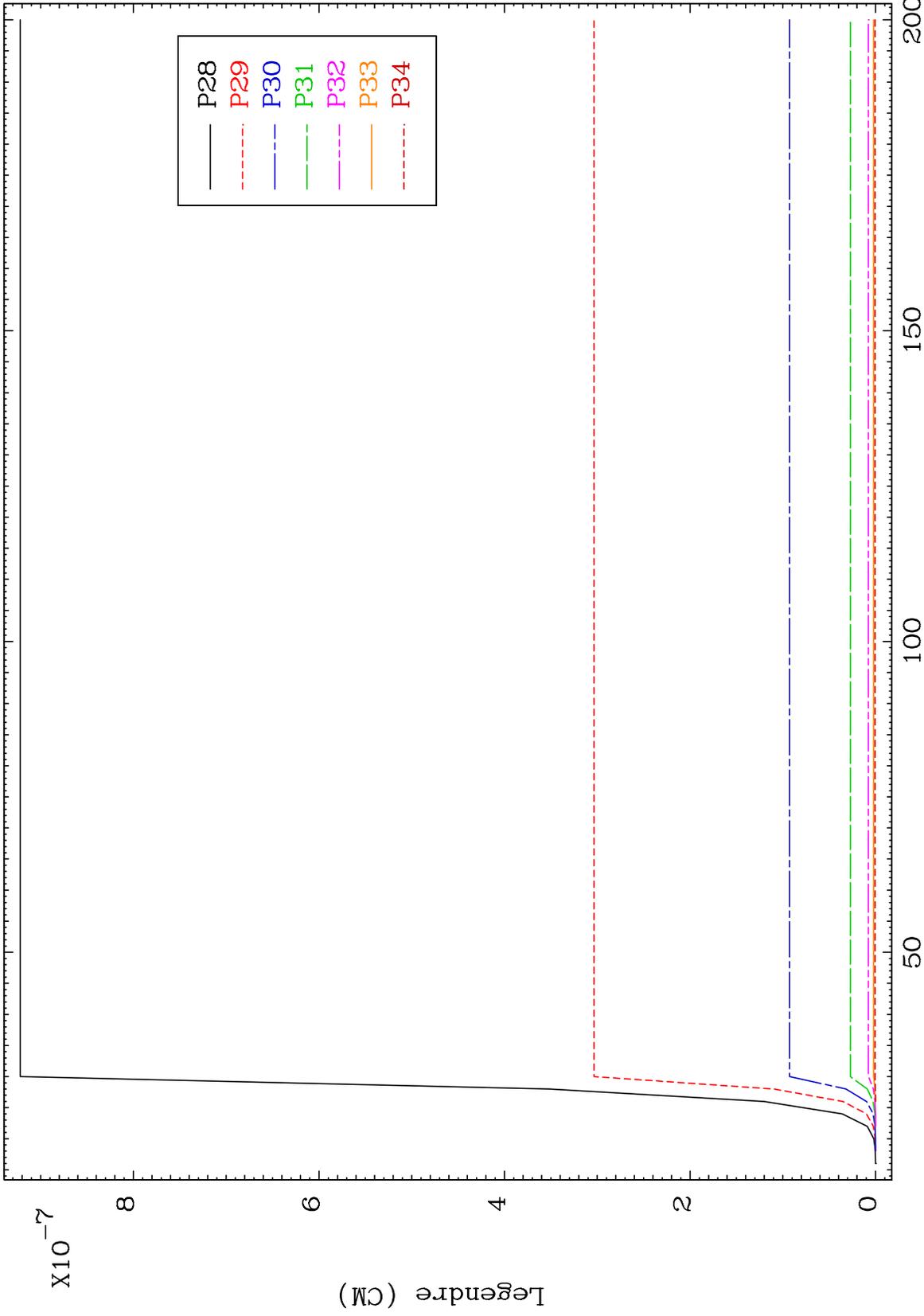
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



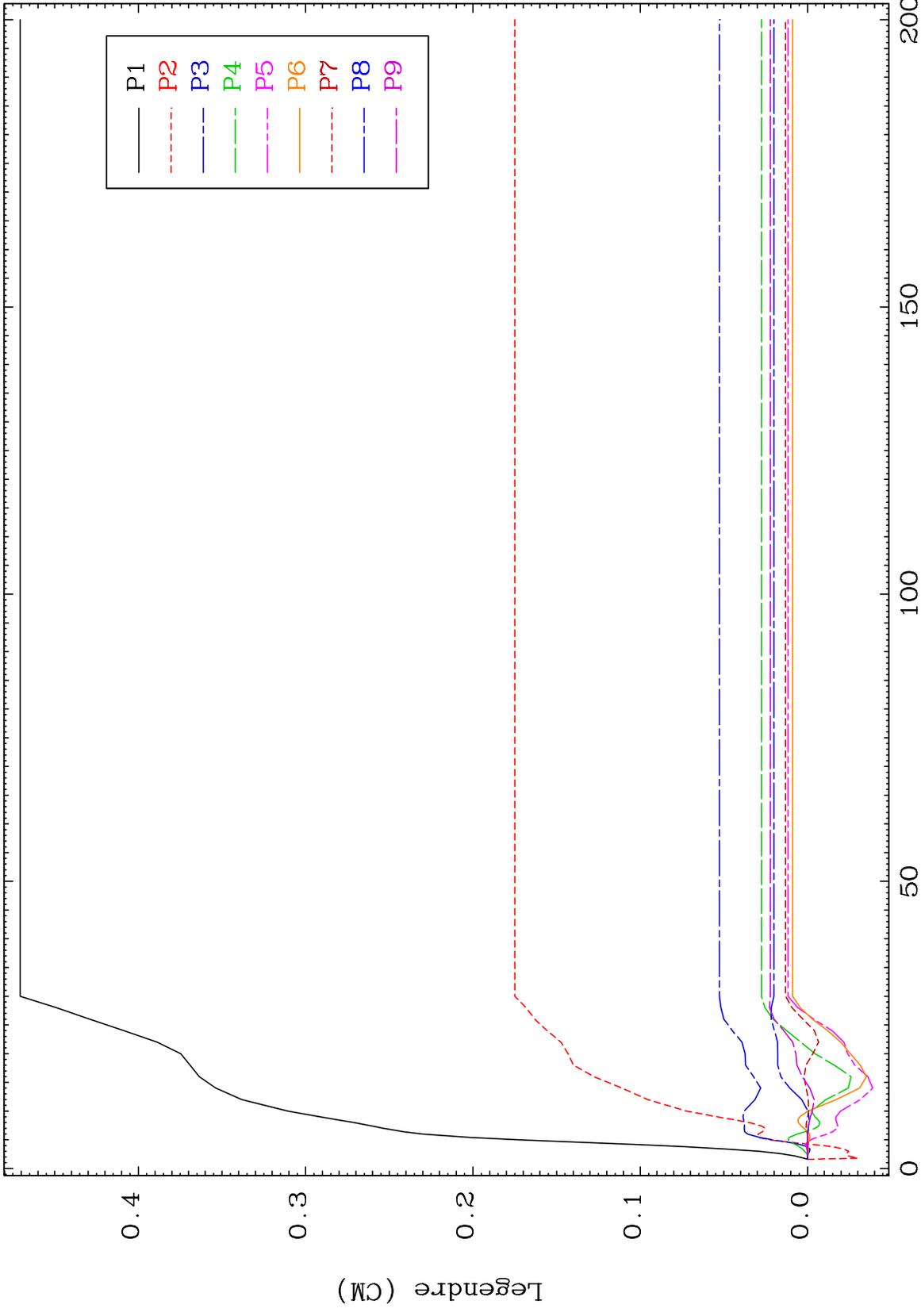
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42-Mo-94

MAT 4231

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

42-Mo-94



23

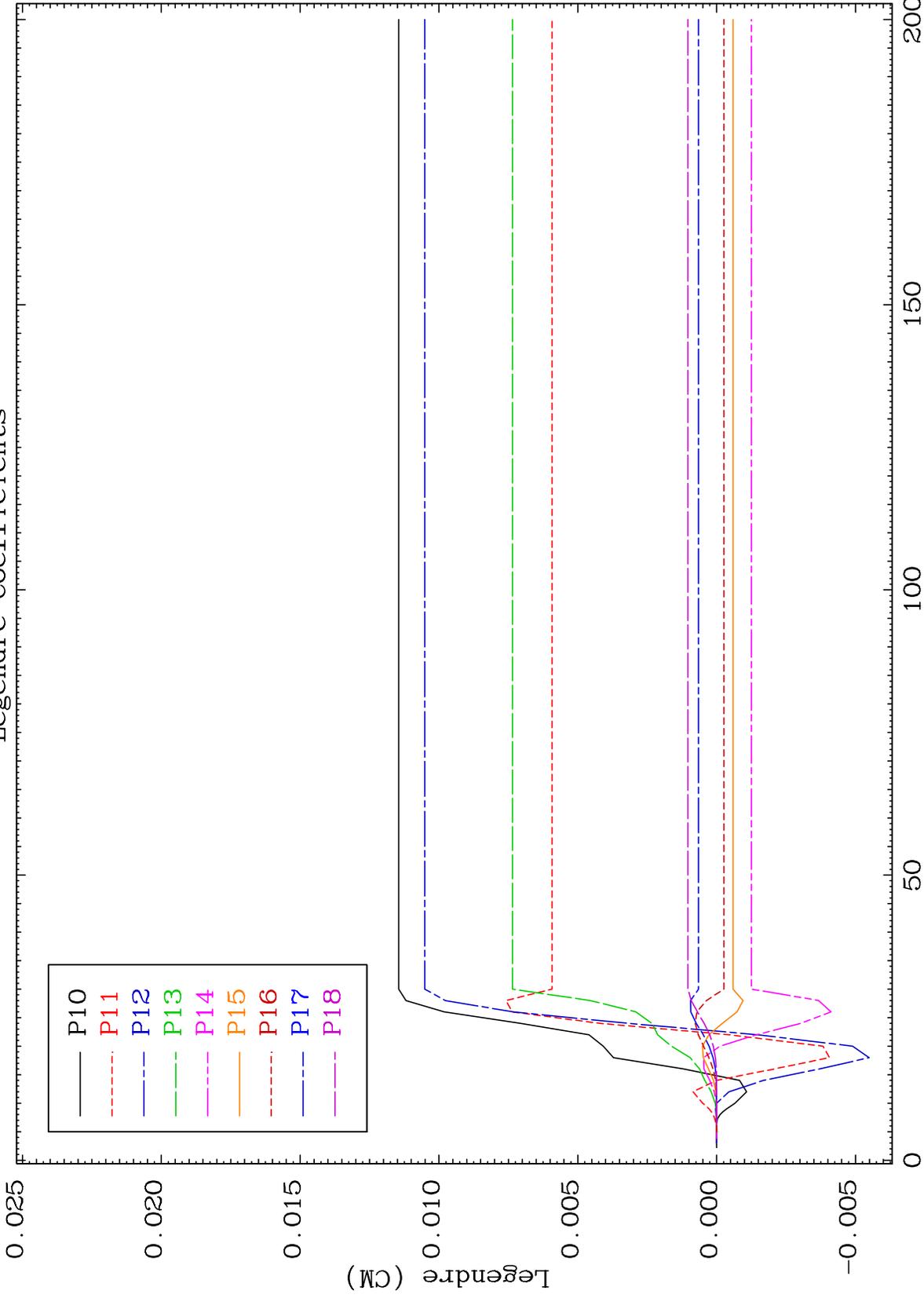
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



24

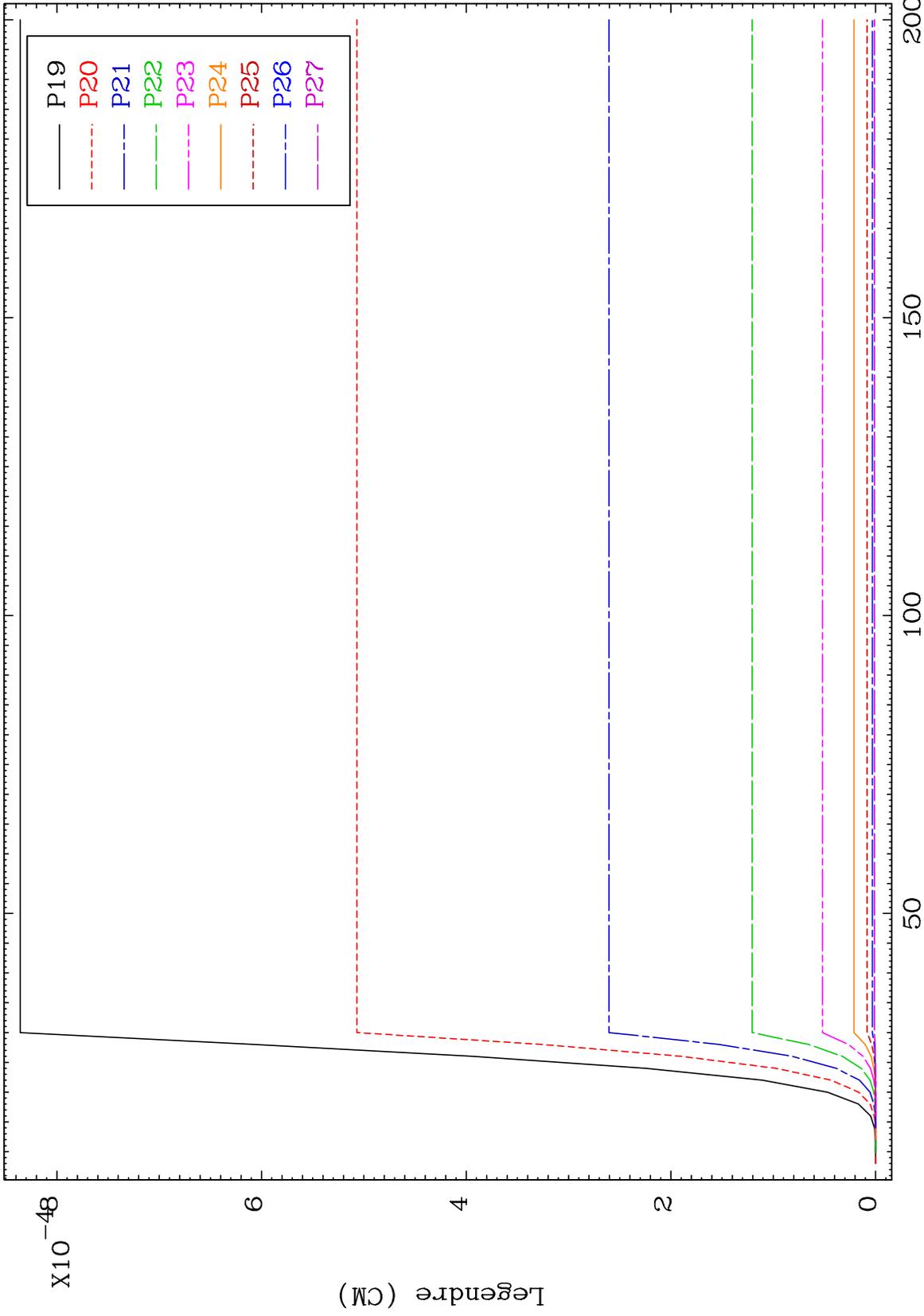
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



25

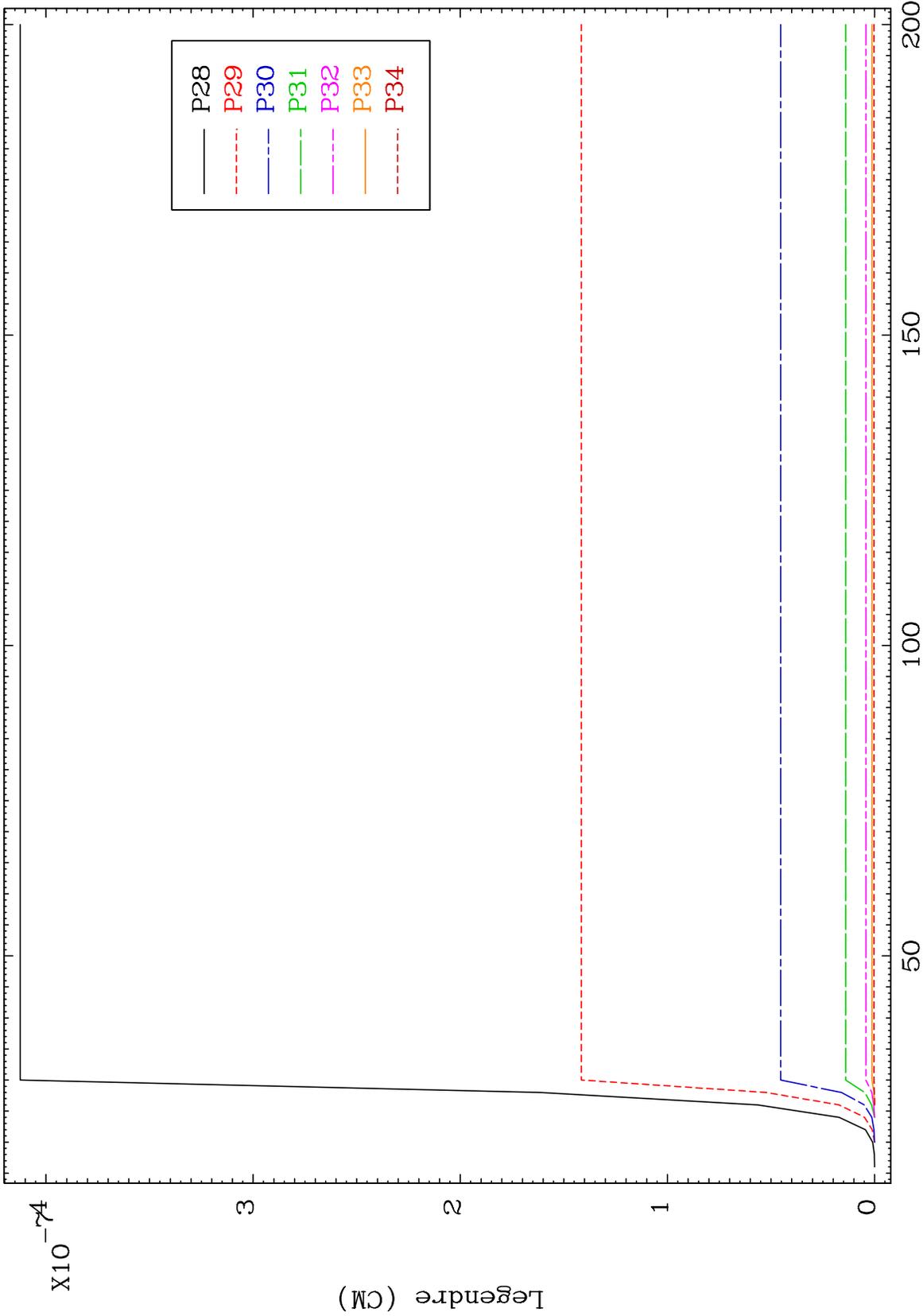
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



26

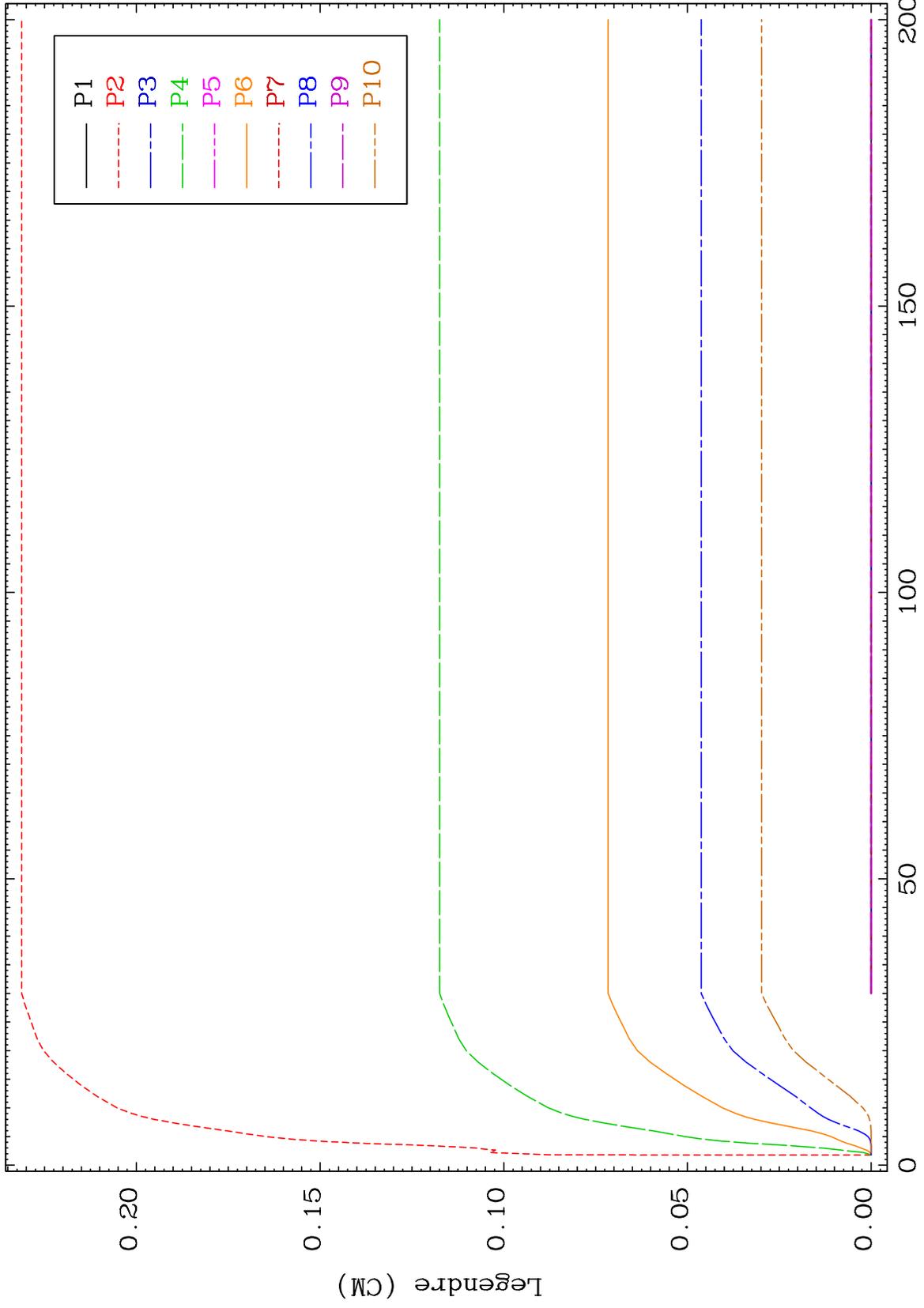
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



27

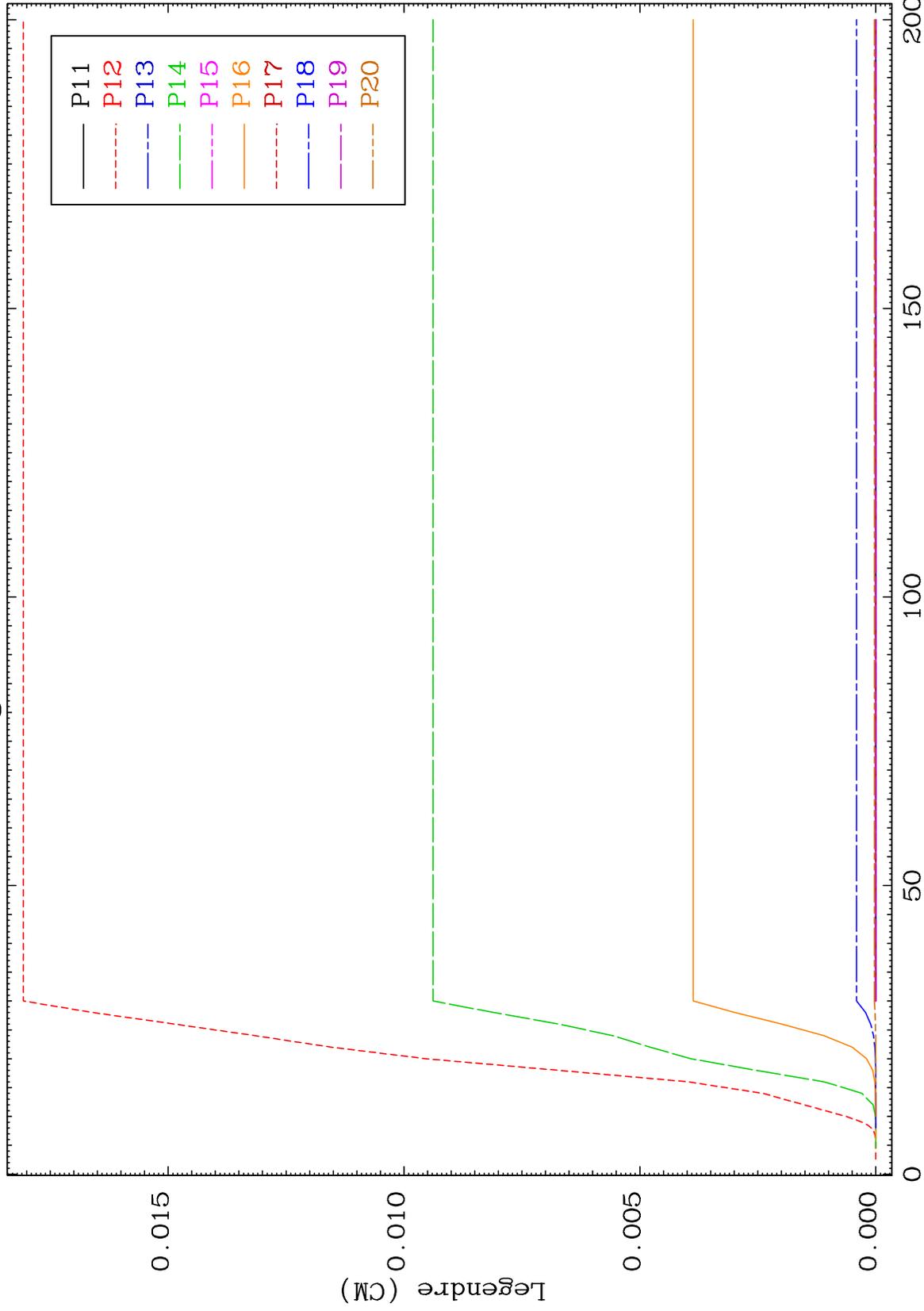
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94

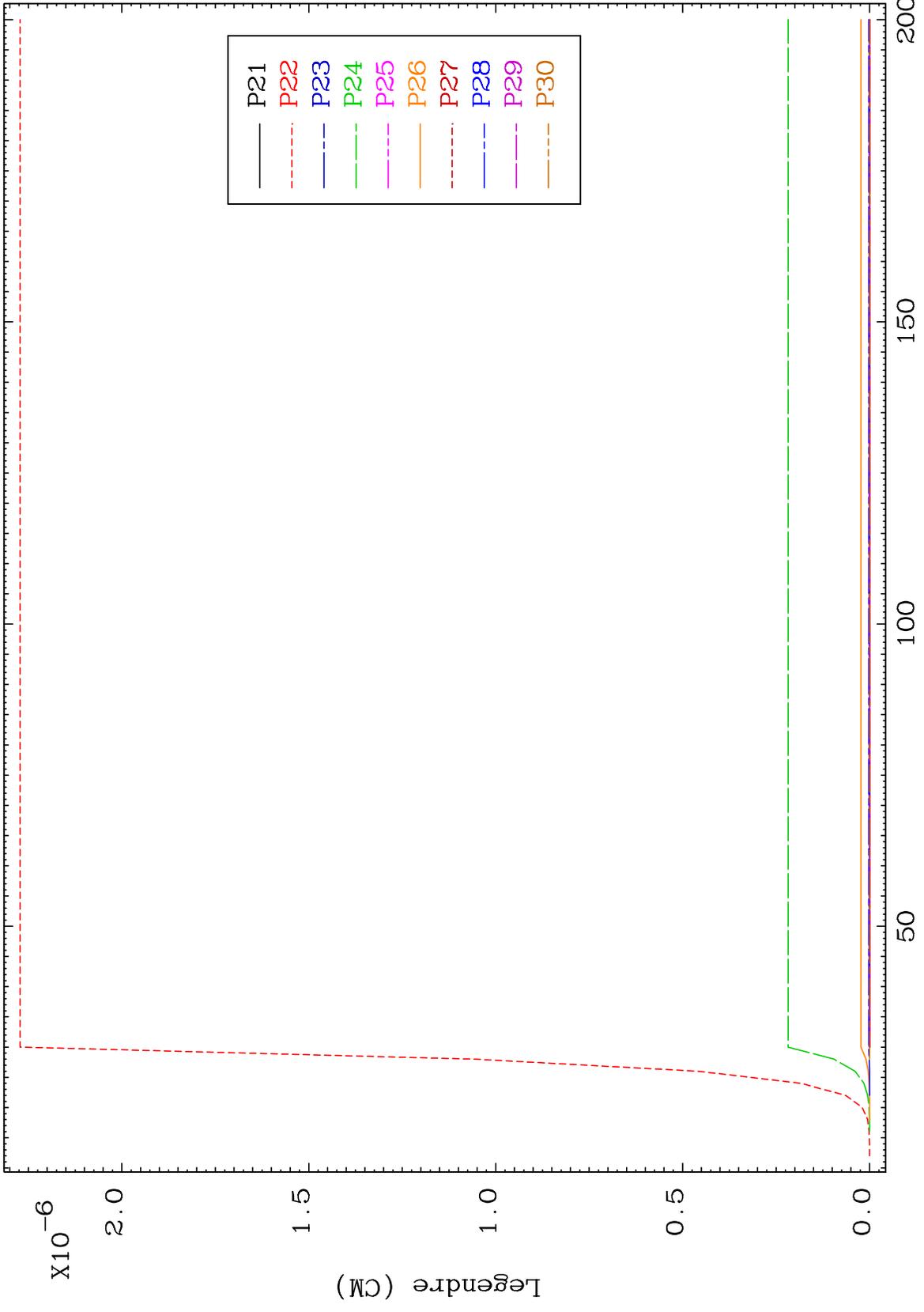


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Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 53 (n,n') Level Legendre Coefficients 42-Mo-94

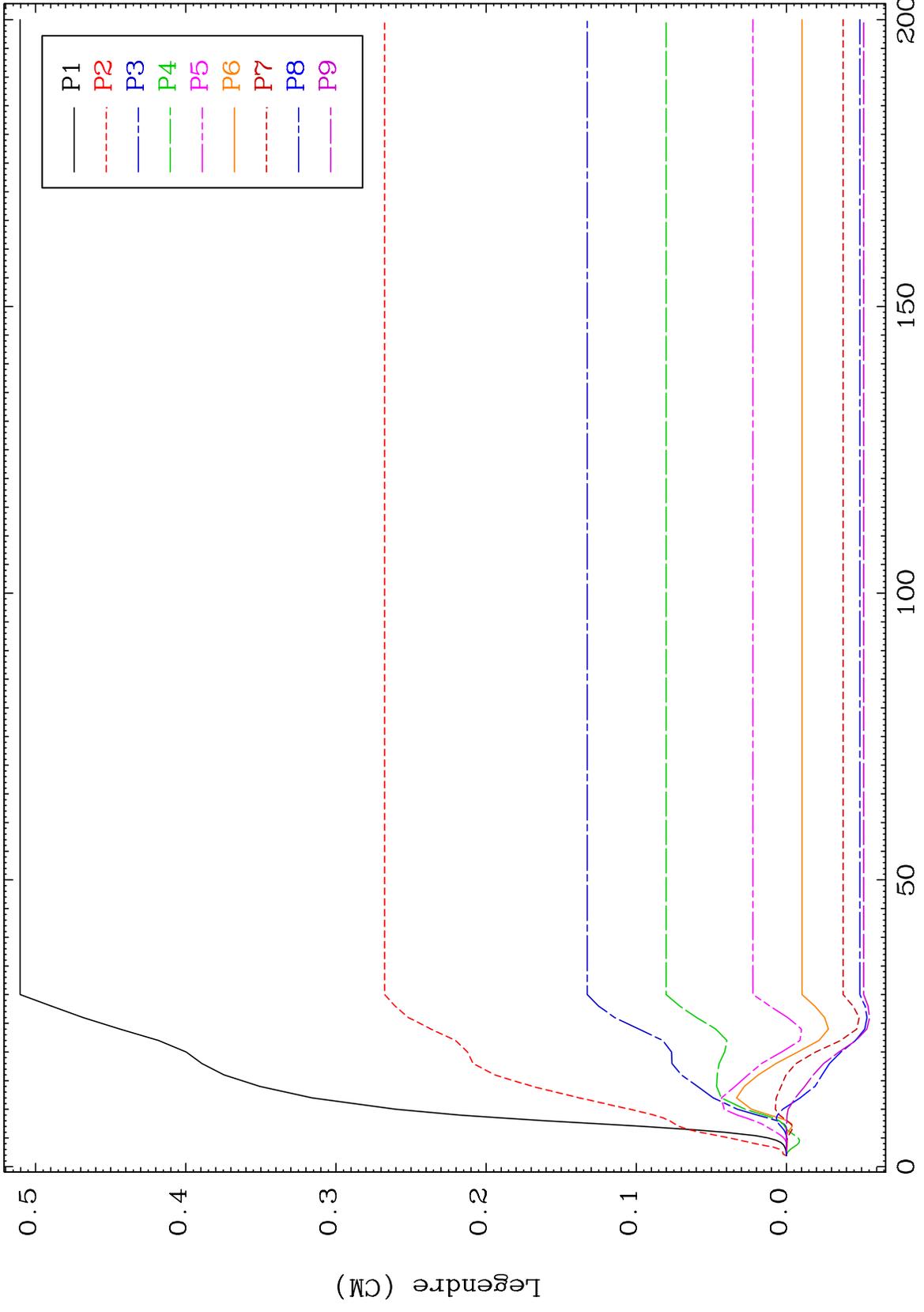


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MAT 4231

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

42-Mo-94



30

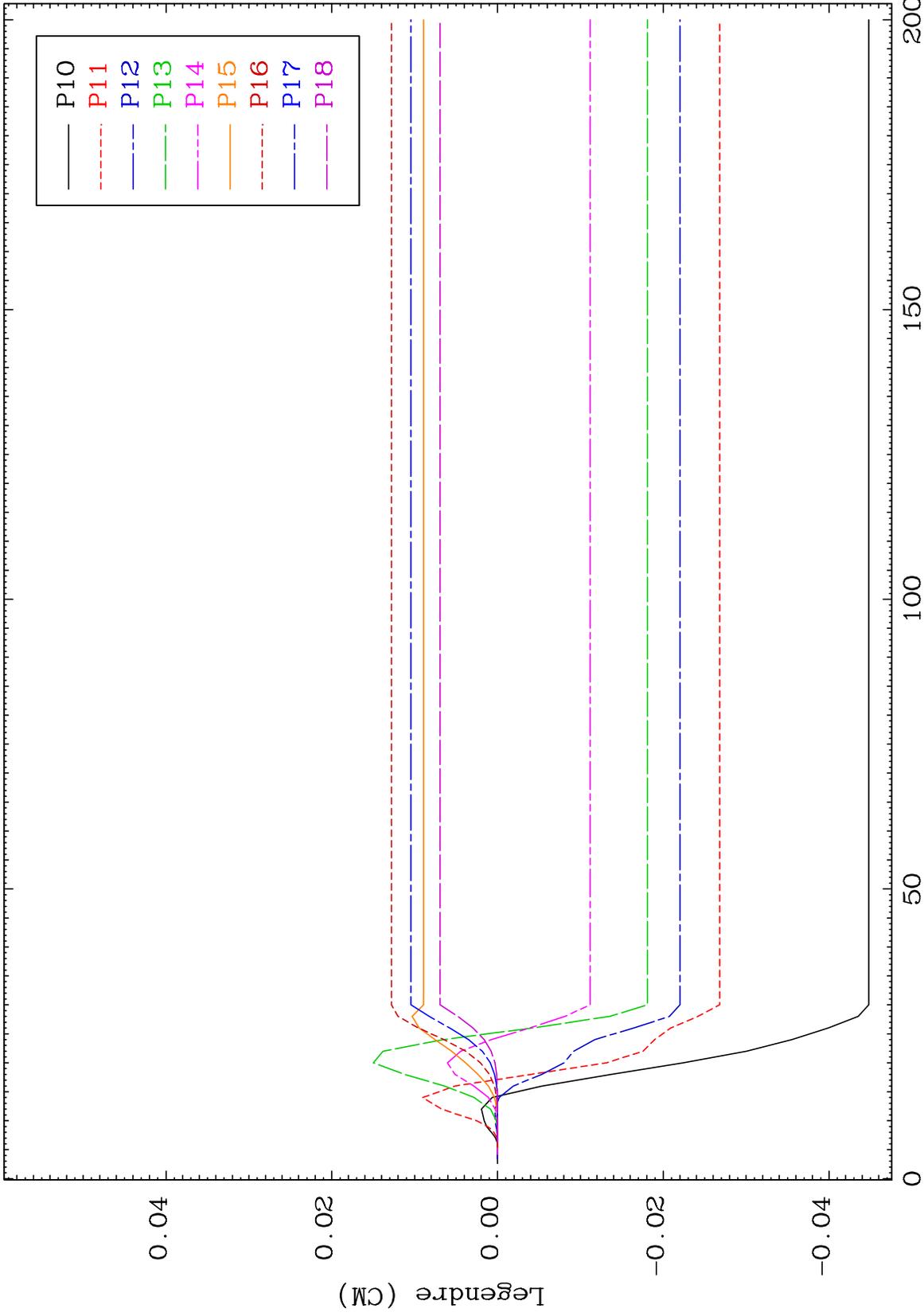
Incident Energy (MeV)

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MAT 4231

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

42-Mo-94



31

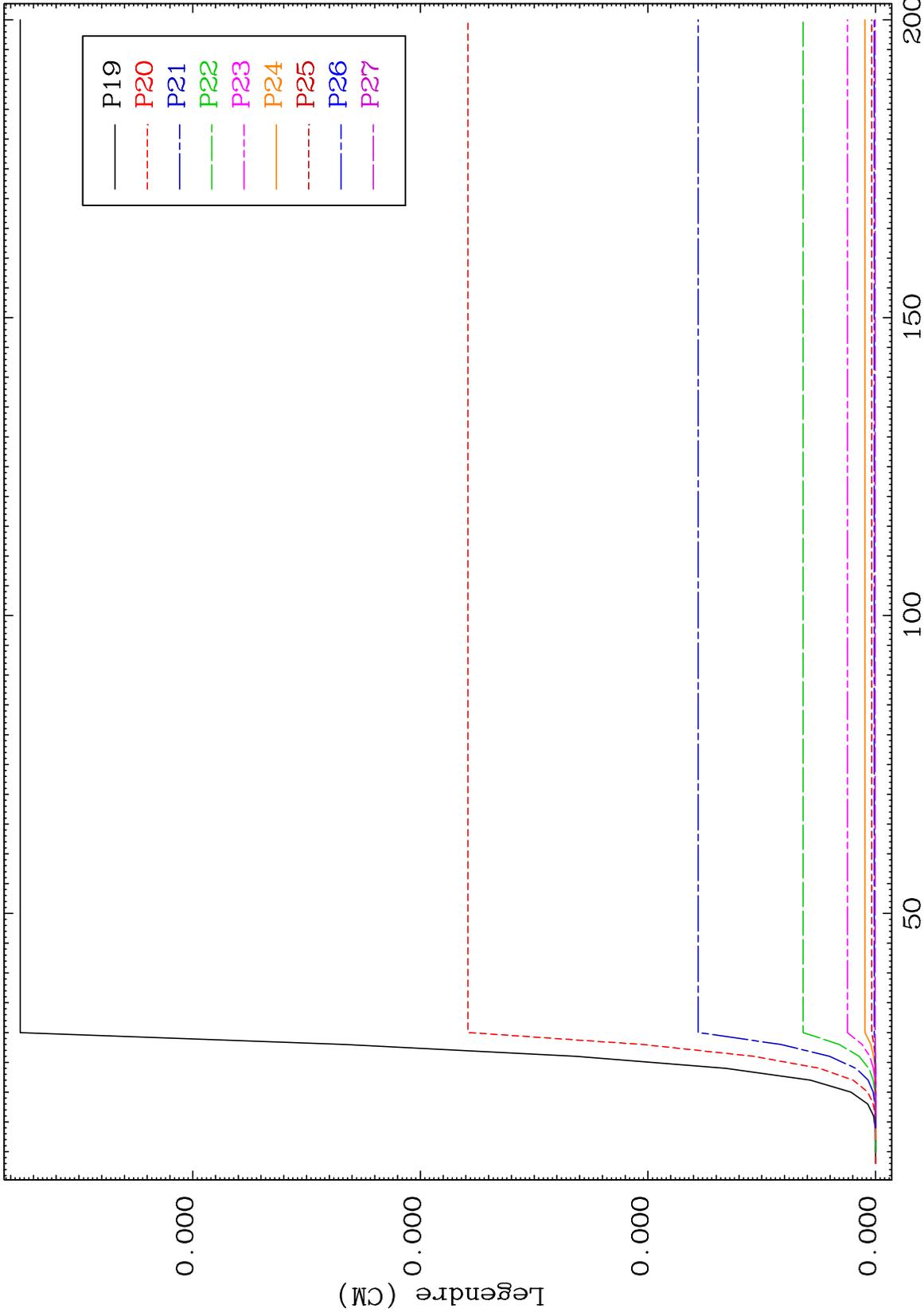
Incident Energy (MeV)

42-Mo-94

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

42-Mo-94



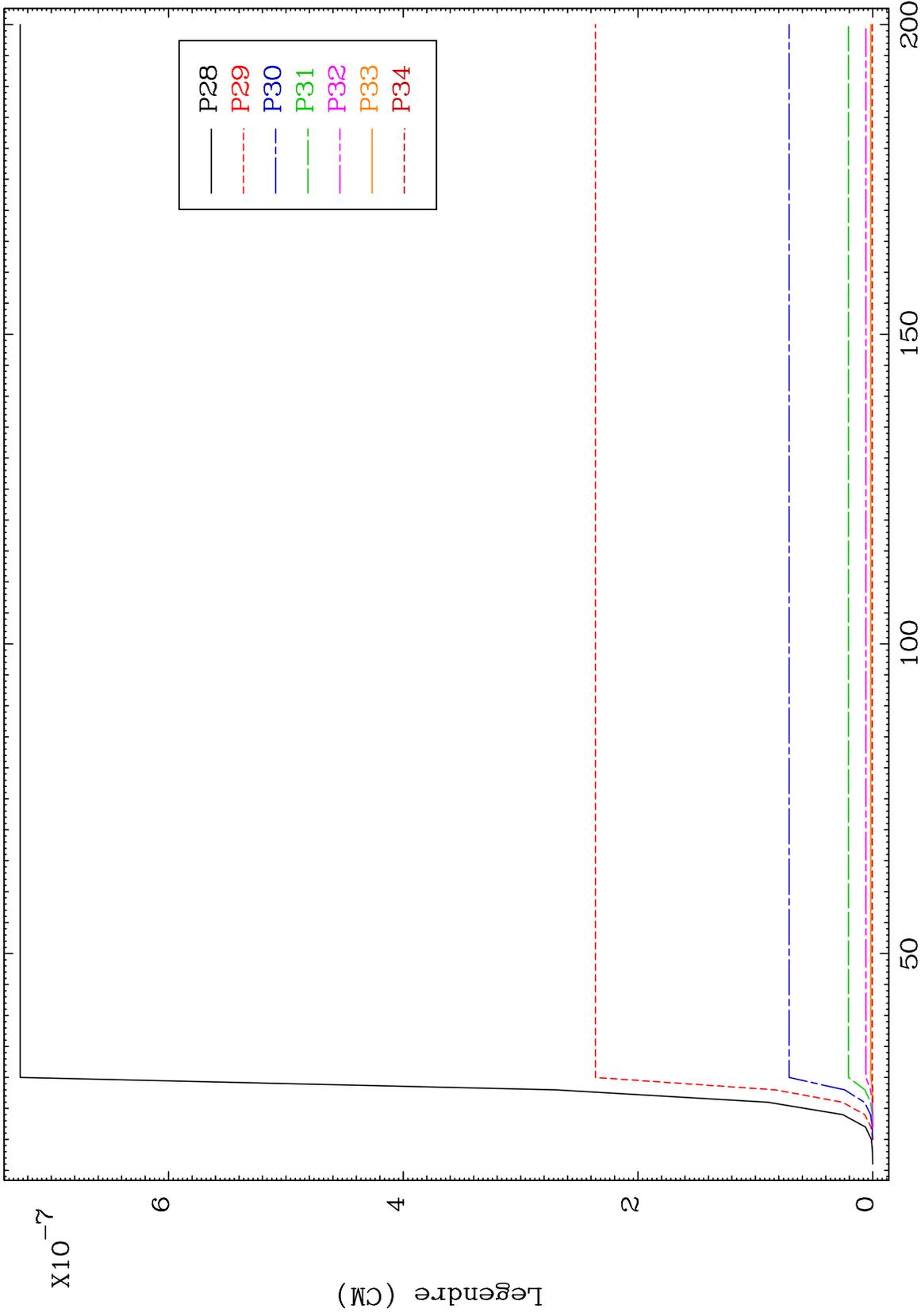
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MAT 4231

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

42-Mo-94



33

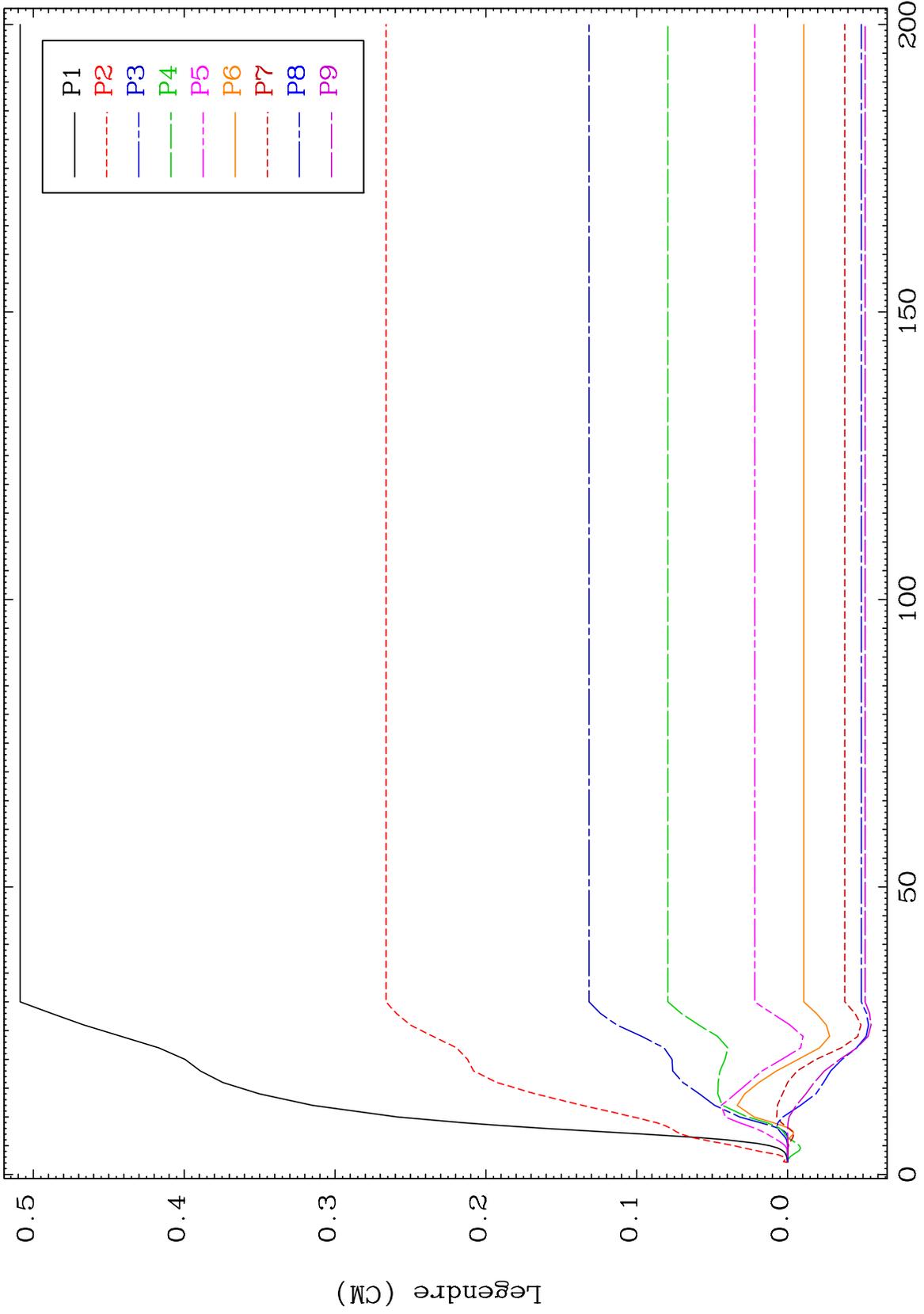
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



34

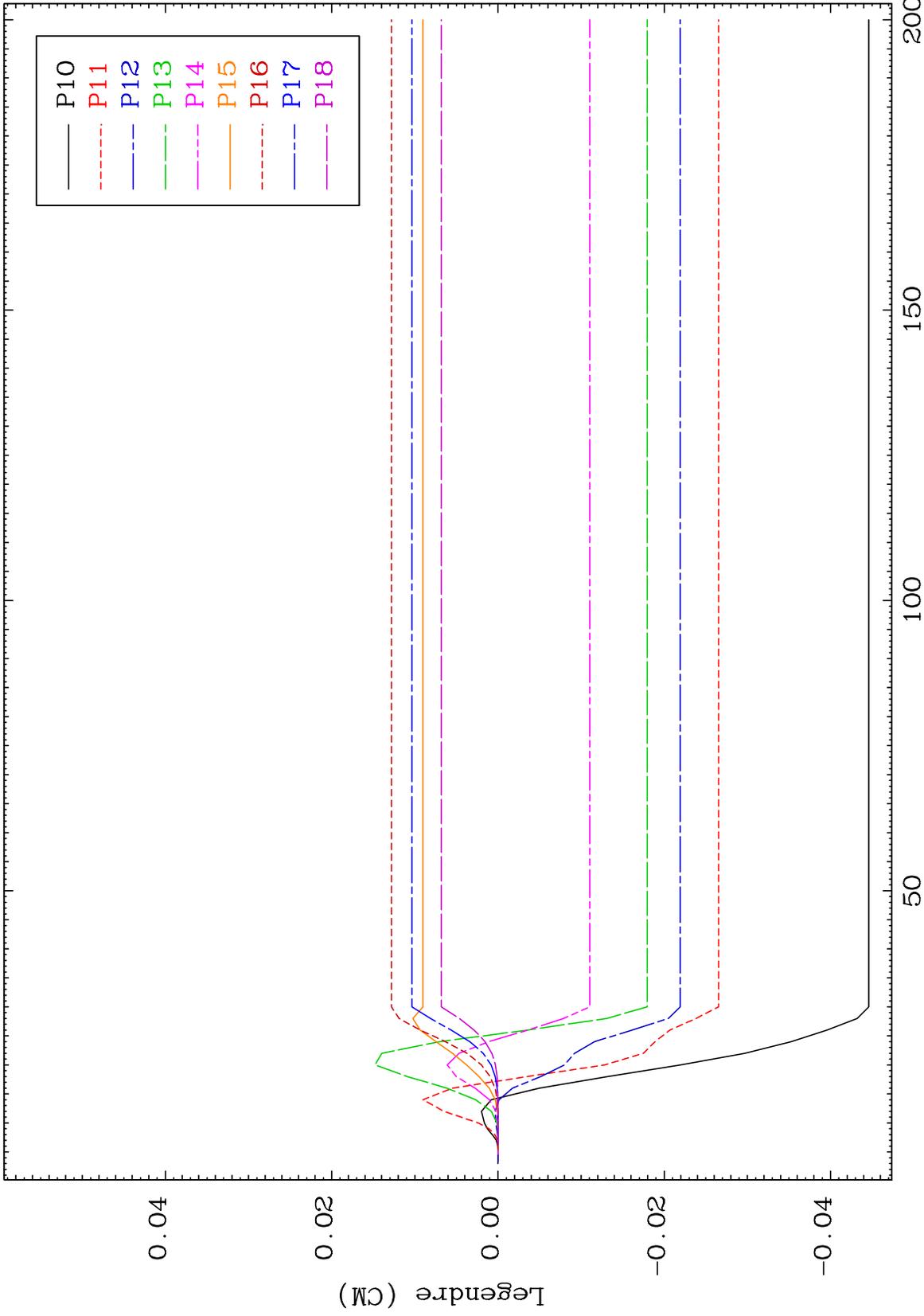
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



35

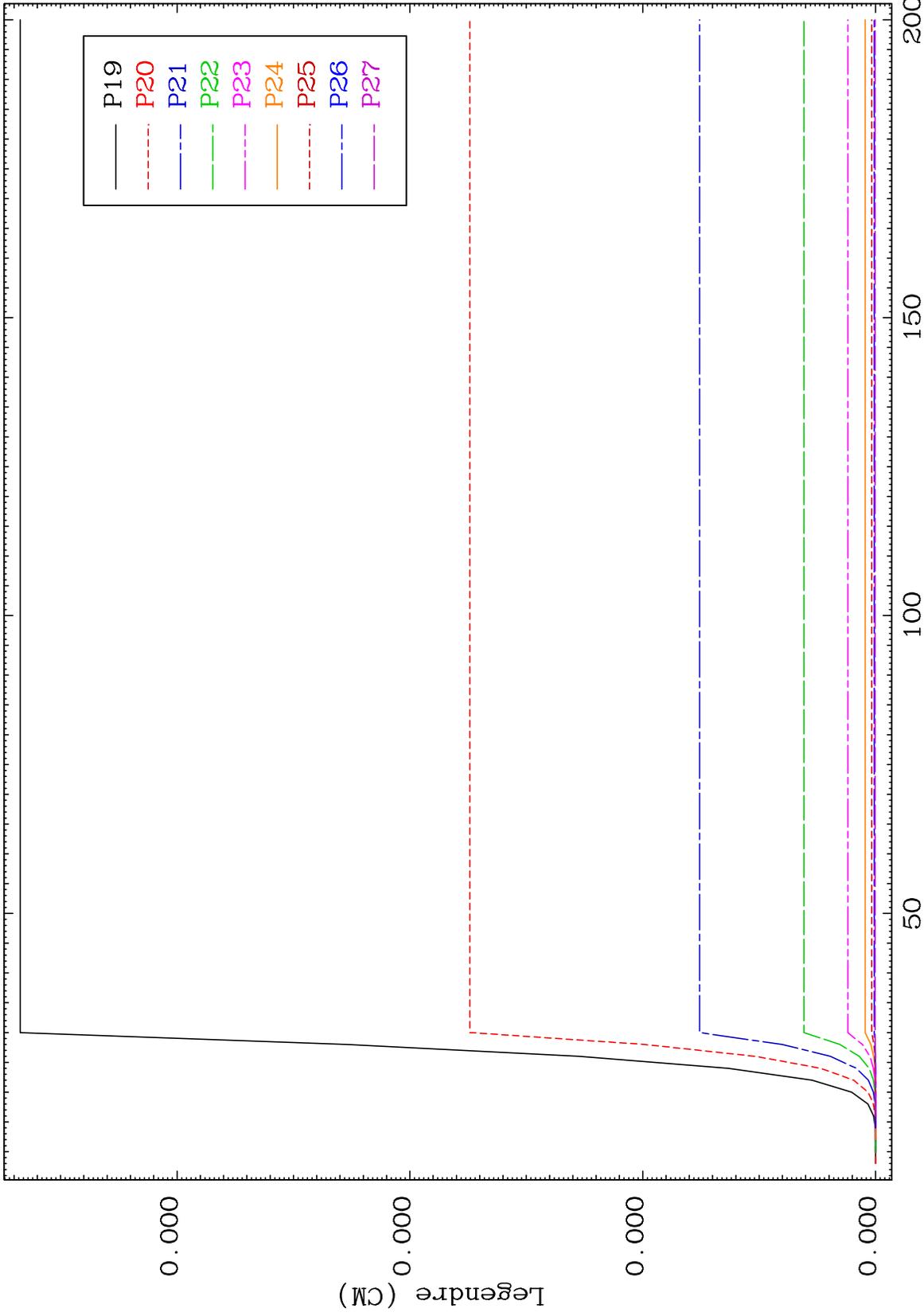
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



36

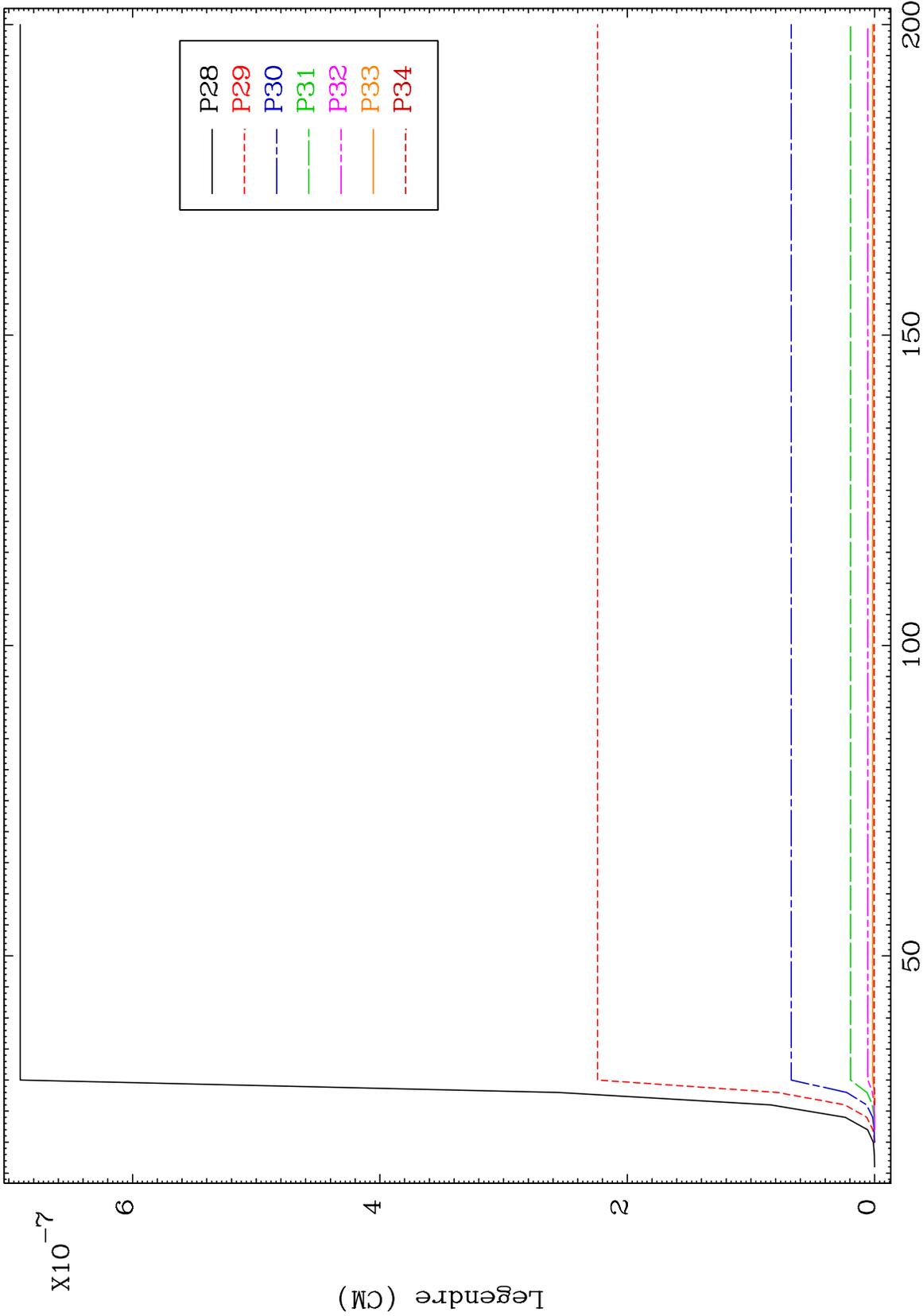
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94

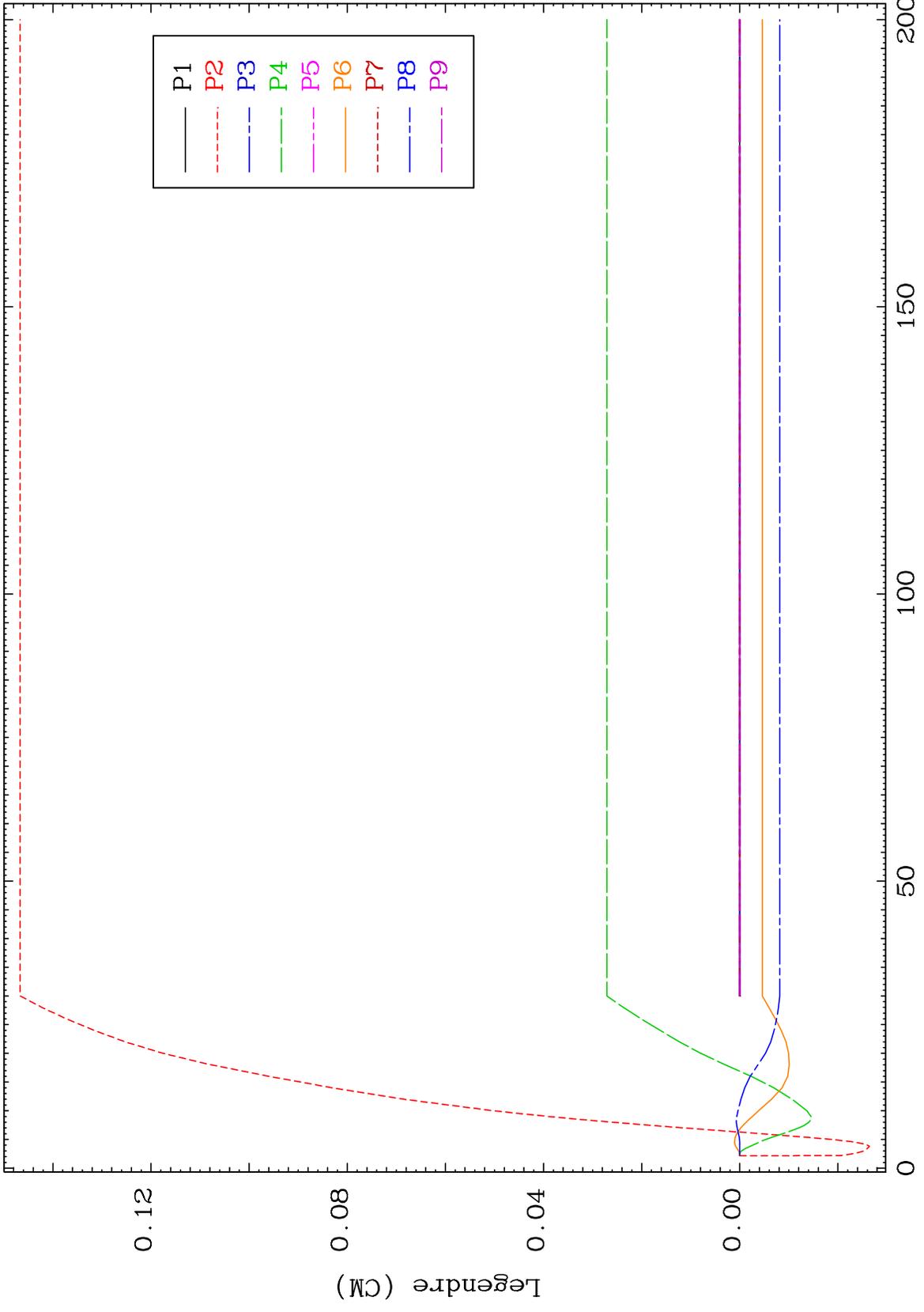


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Incident Energy (MeV)

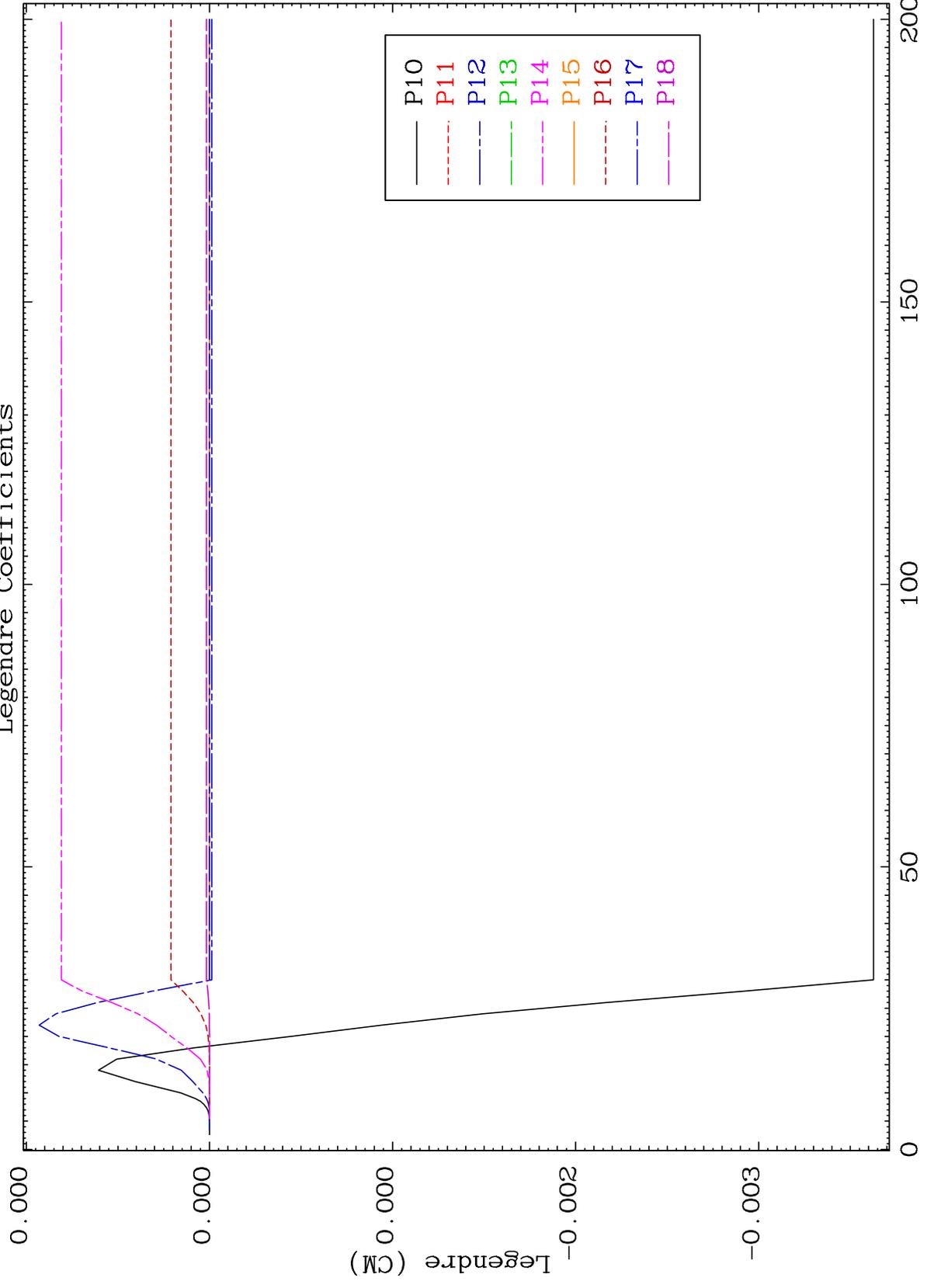
42-Mo-94

MAT 4231 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-94

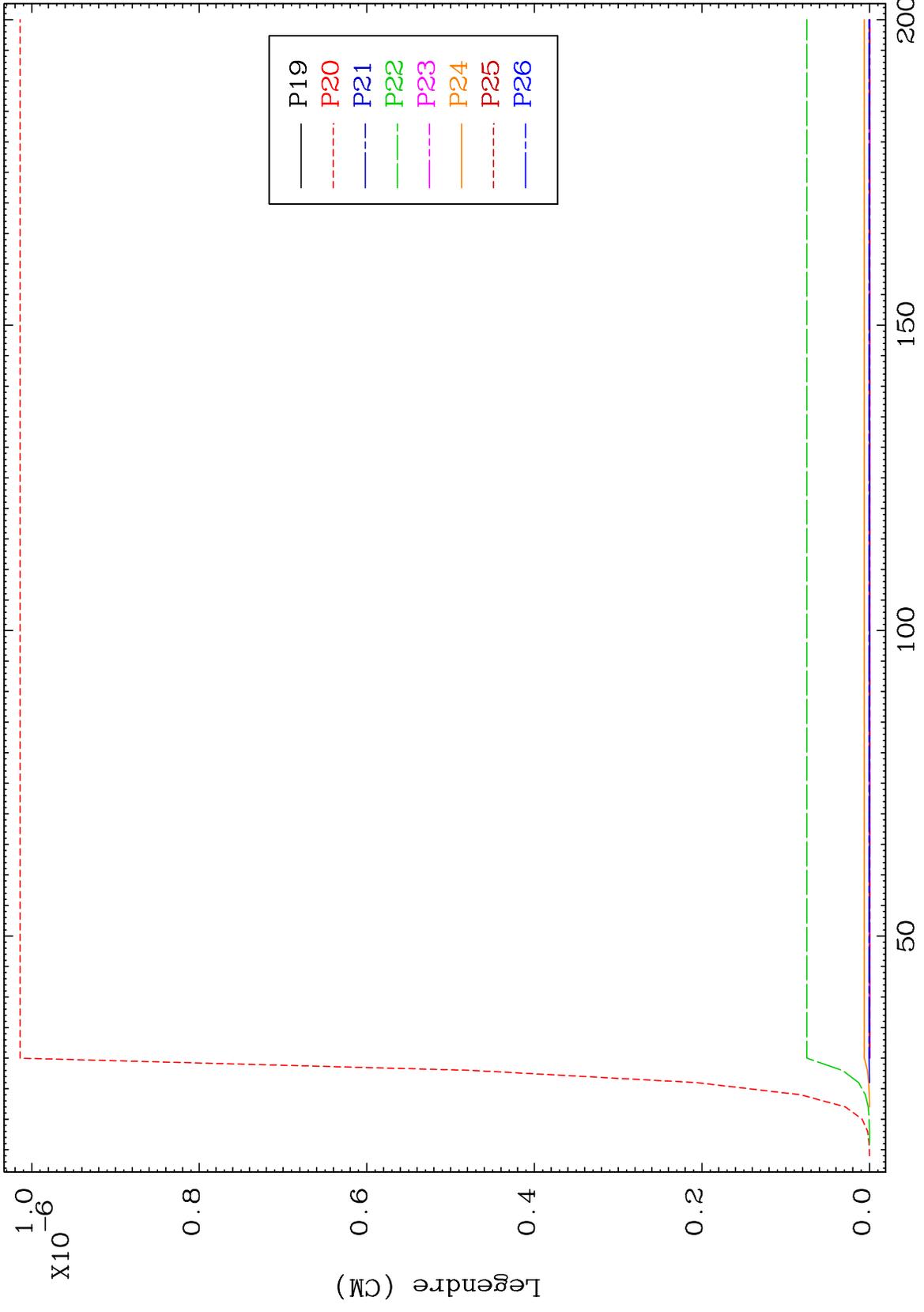


38 42-Mo-94

MAT 4231 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-94



MAT 4231 MT= 56 (n,n') Level Legendre Coefficients 42-Mo-94

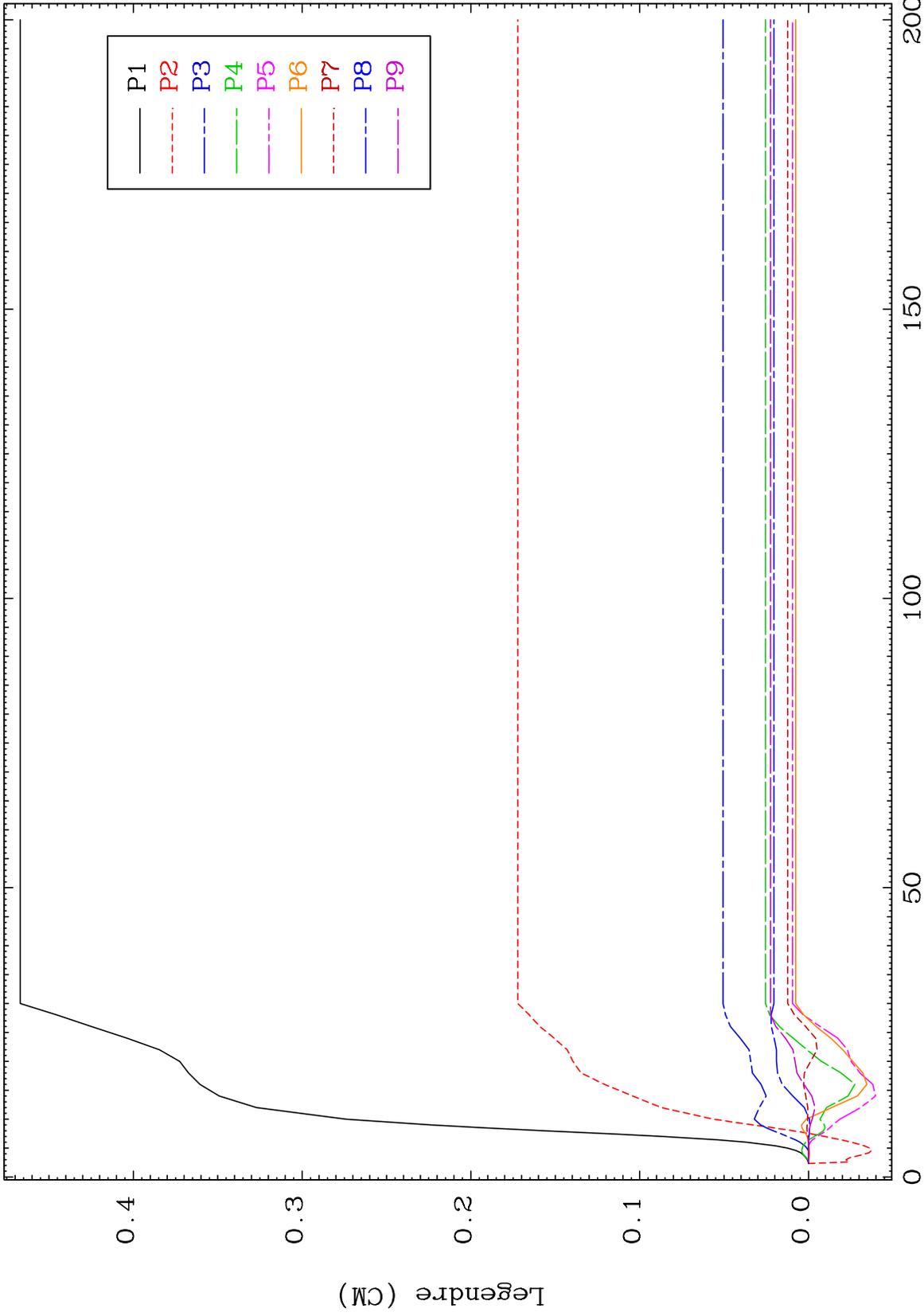


42-Mo-94

MAT 4231

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

42-Mo-94



41

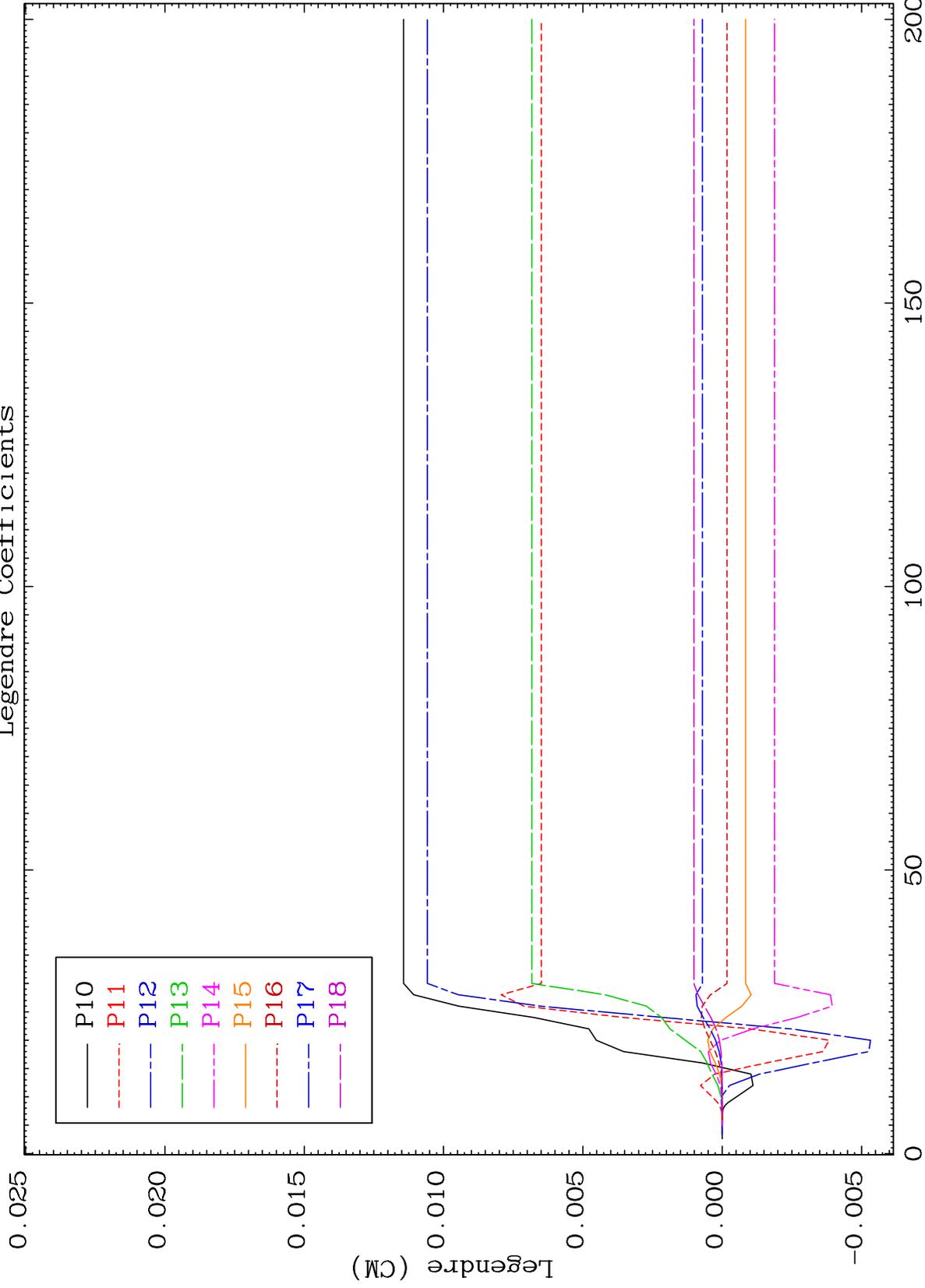
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

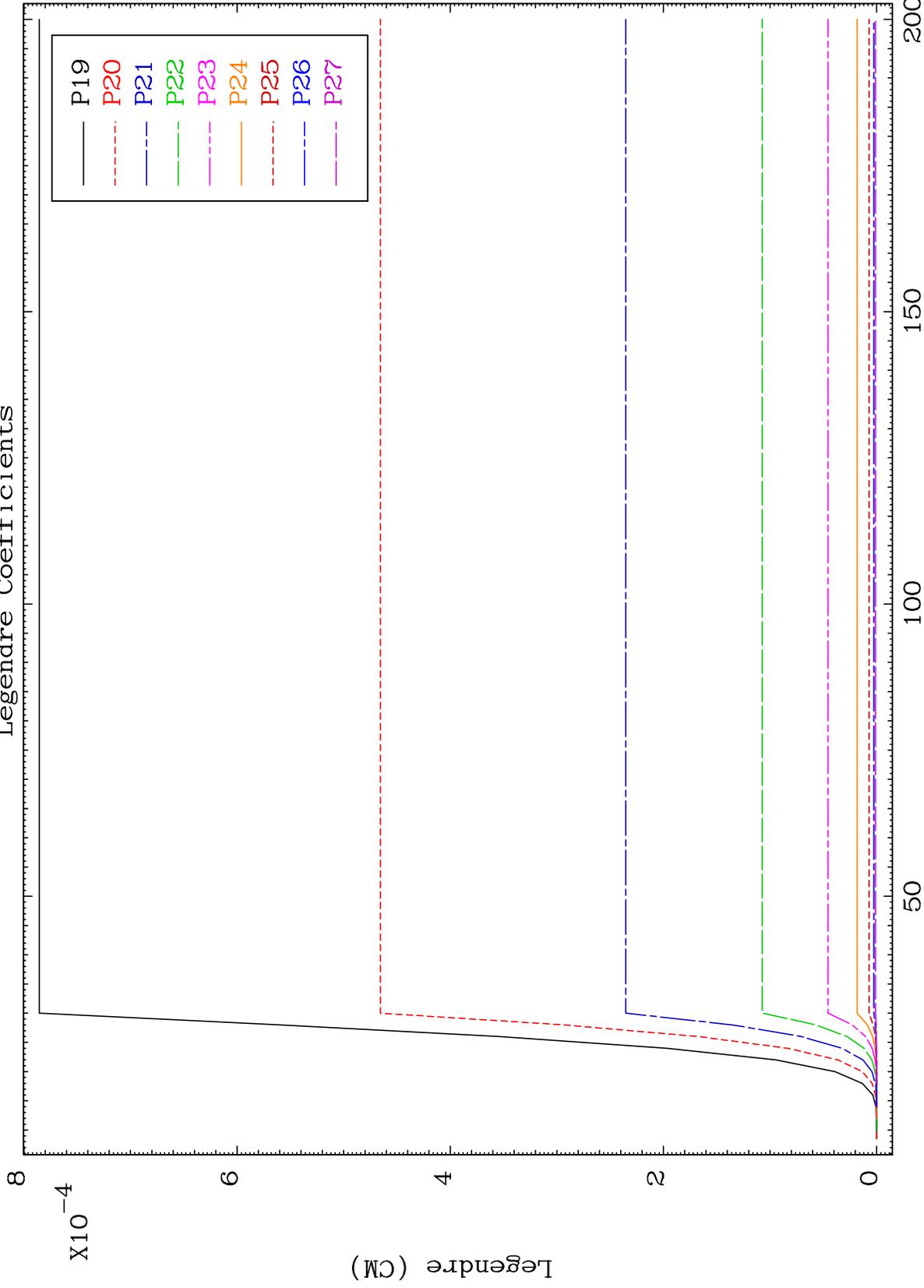
42-Mo-94



42

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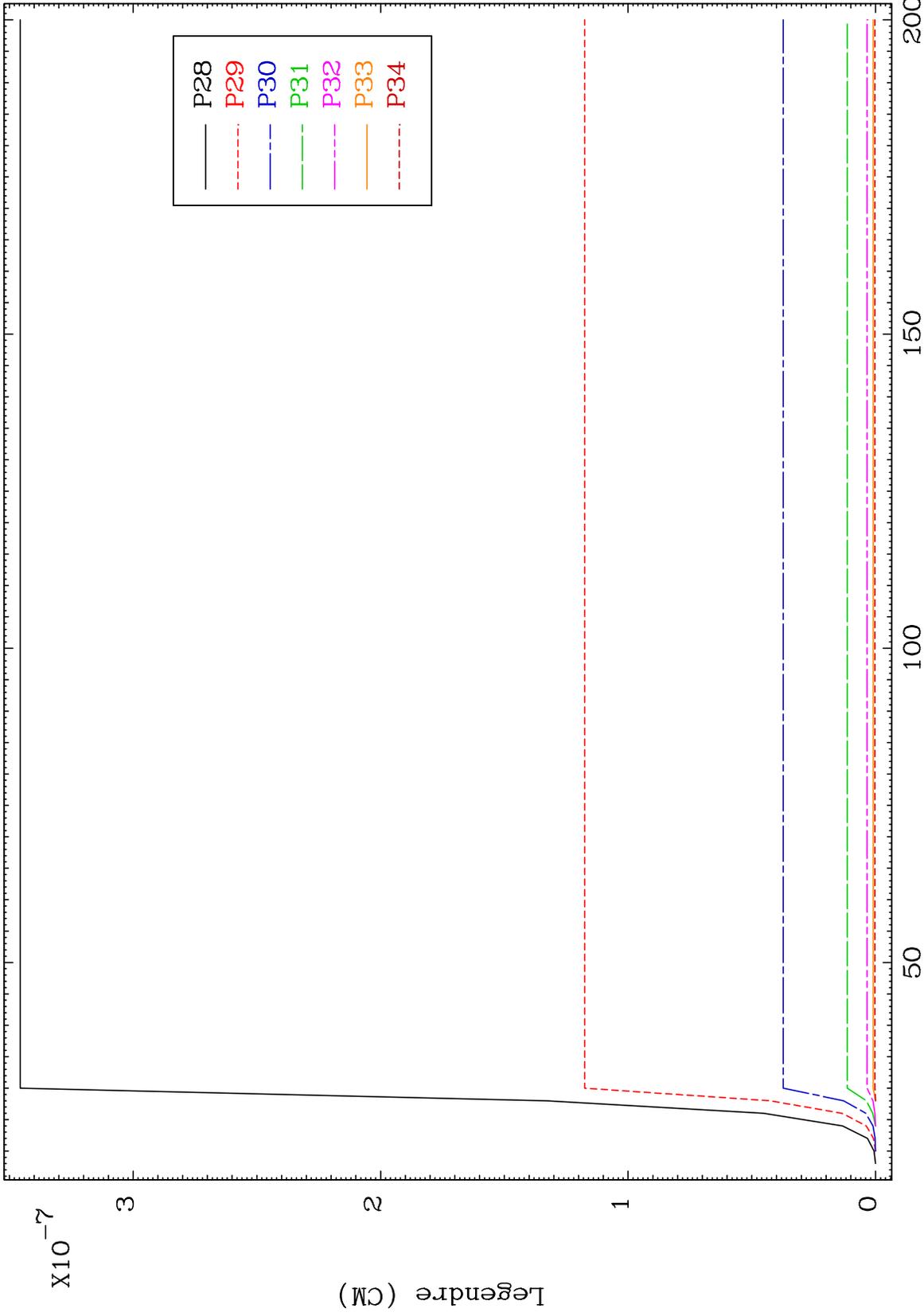
42-Mo-94



MAT 4231

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

42-Mo-94



44

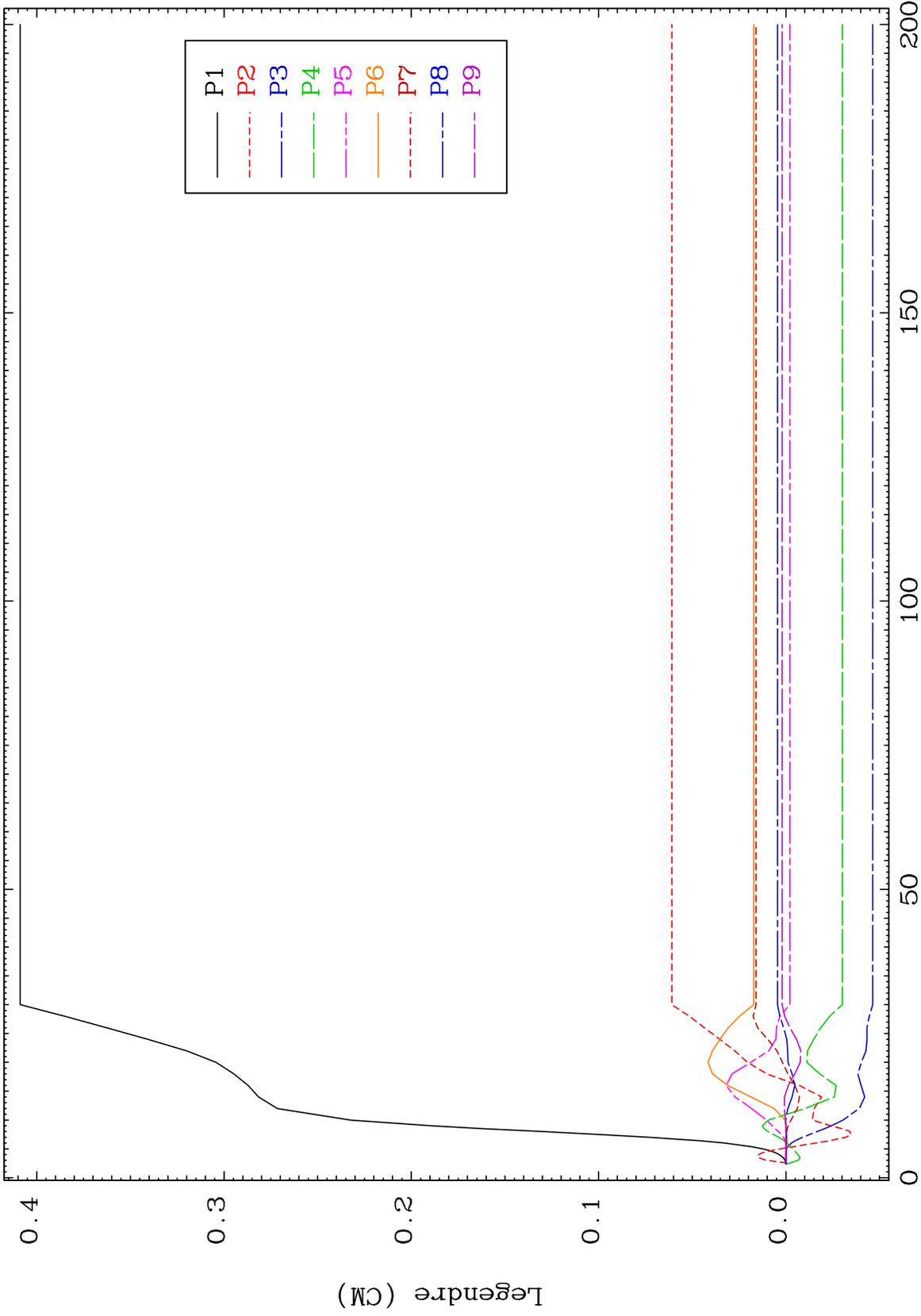
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

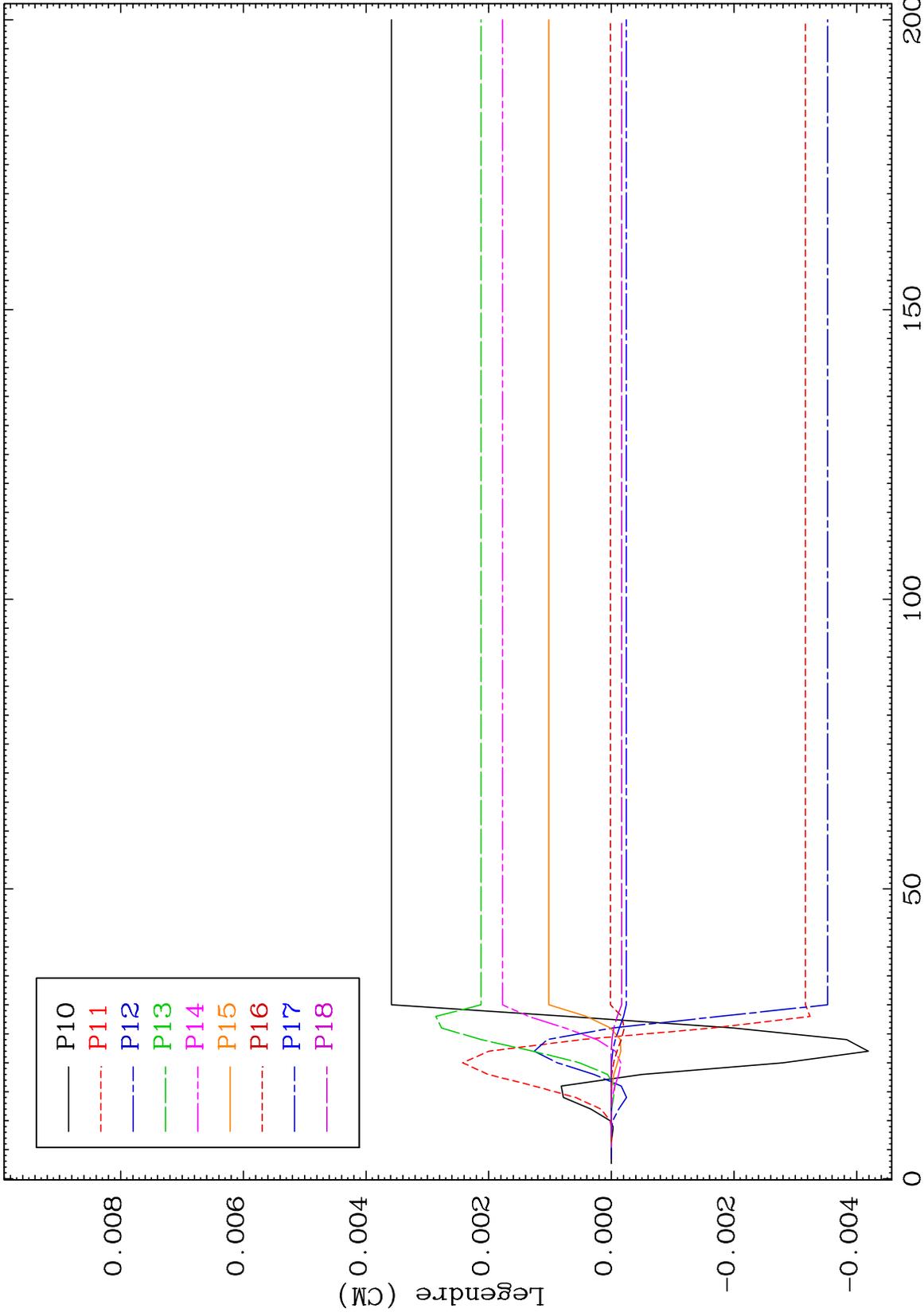
42-Mo-94



42-Mo-94

Incident Energy (MeV)

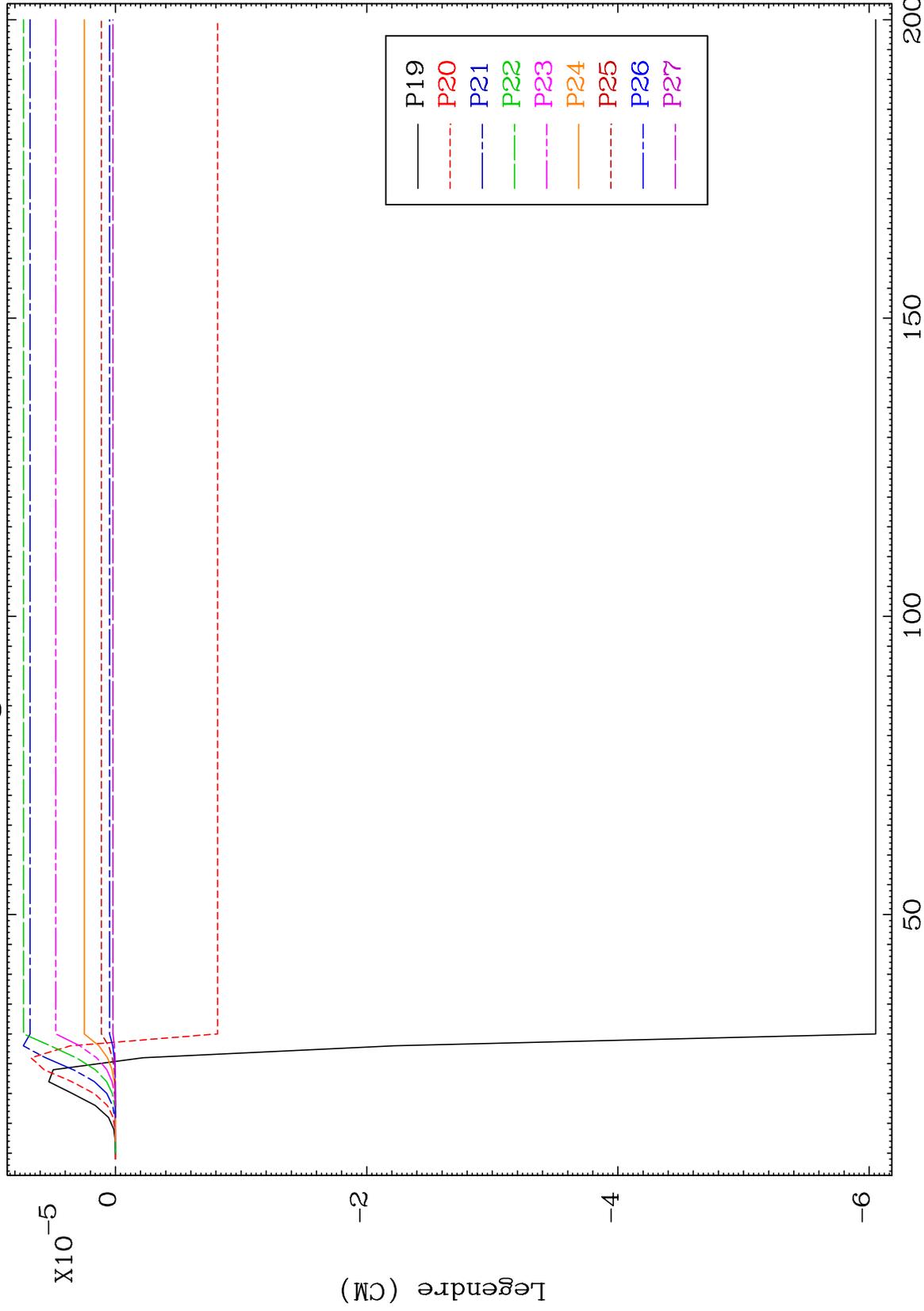
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MAT 4231

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

42-Mo-94



47

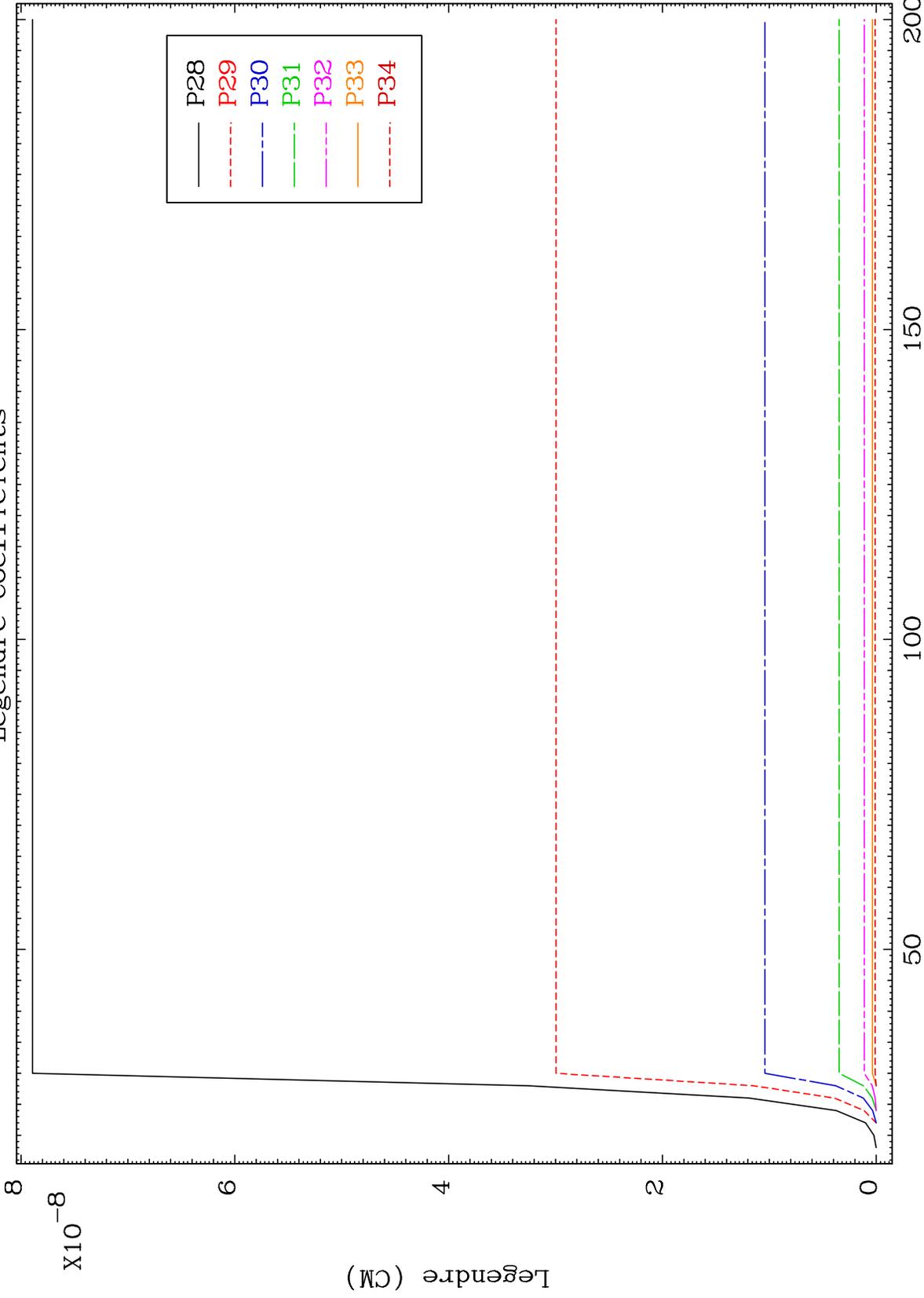
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



48

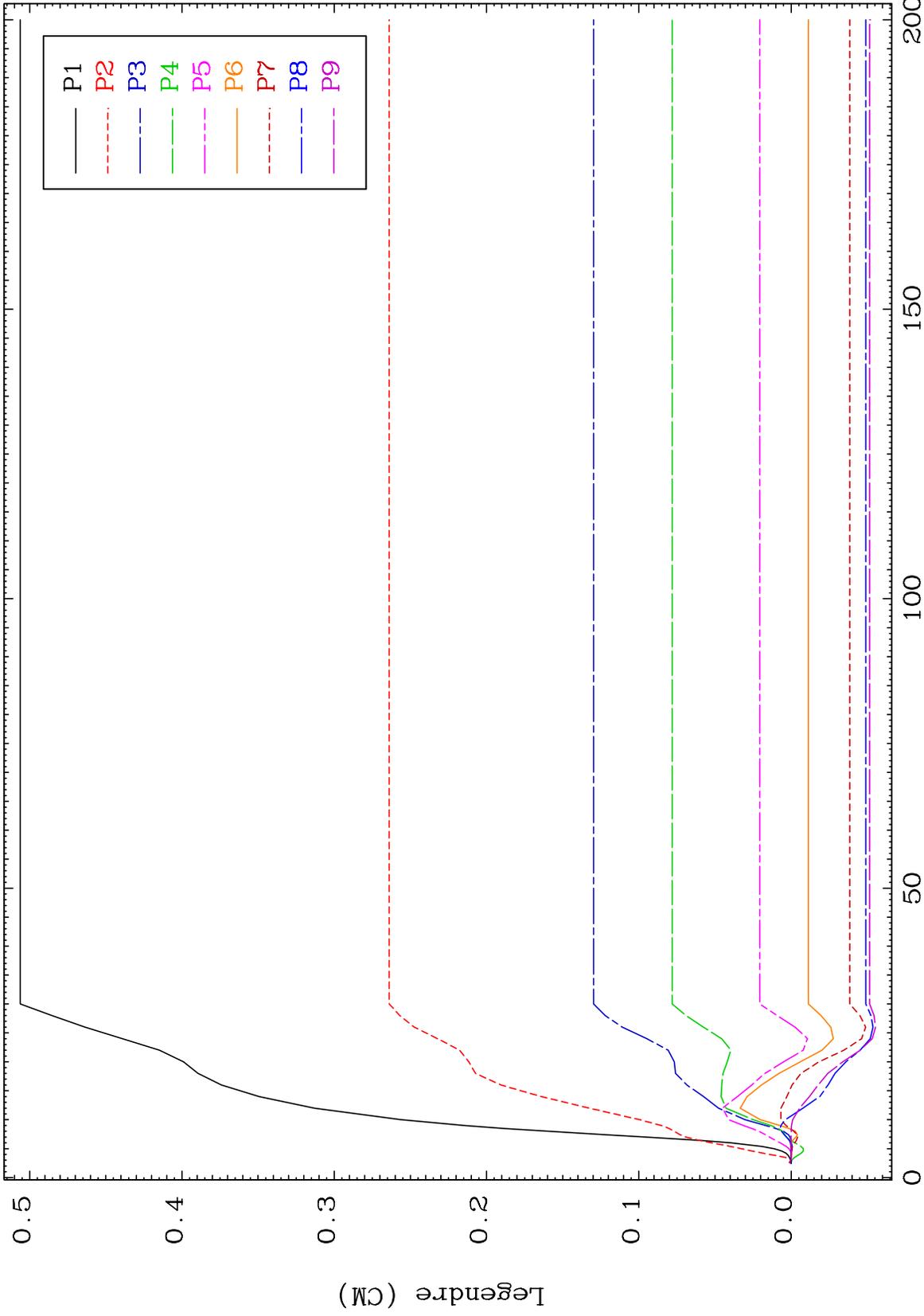
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



49

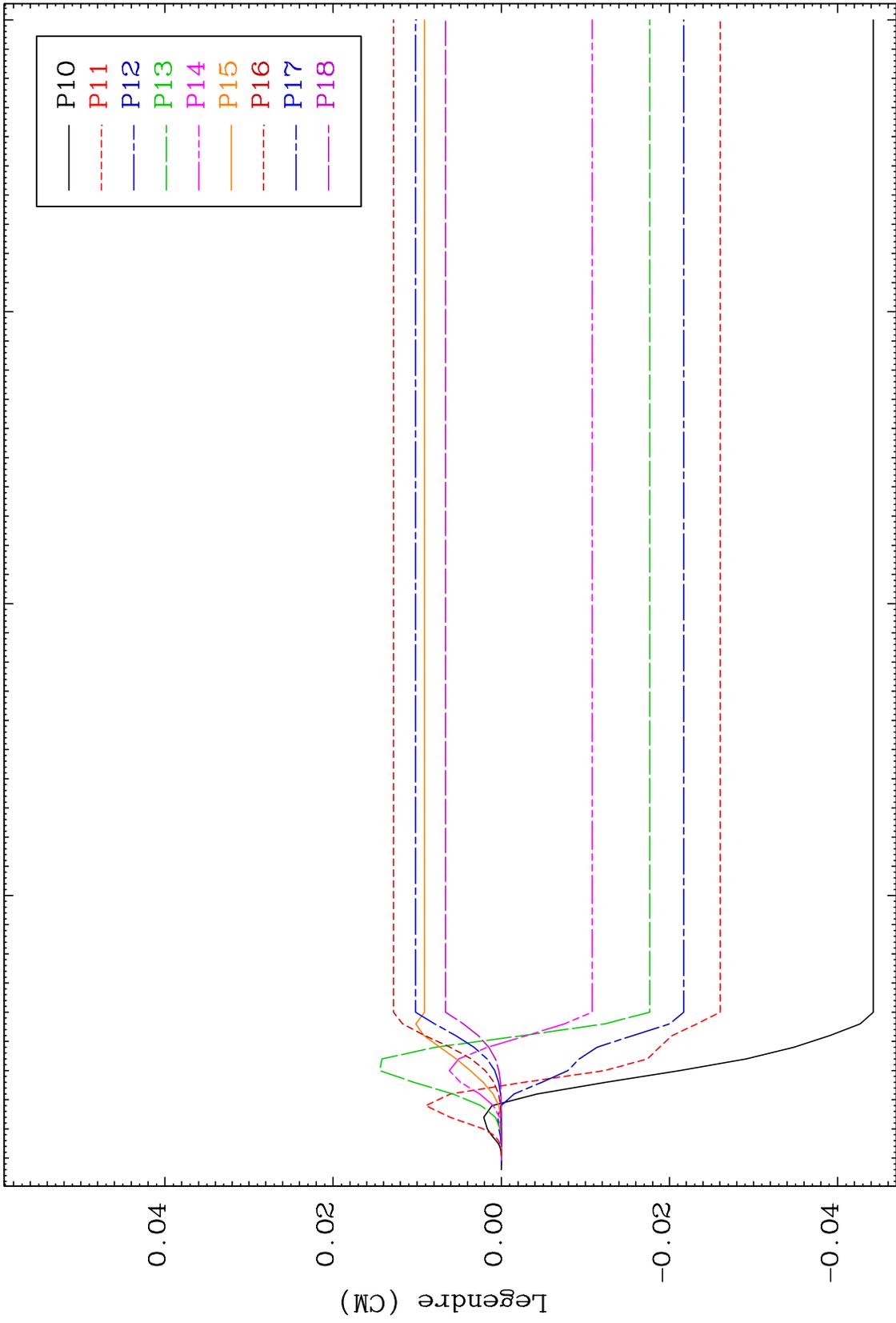
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



50

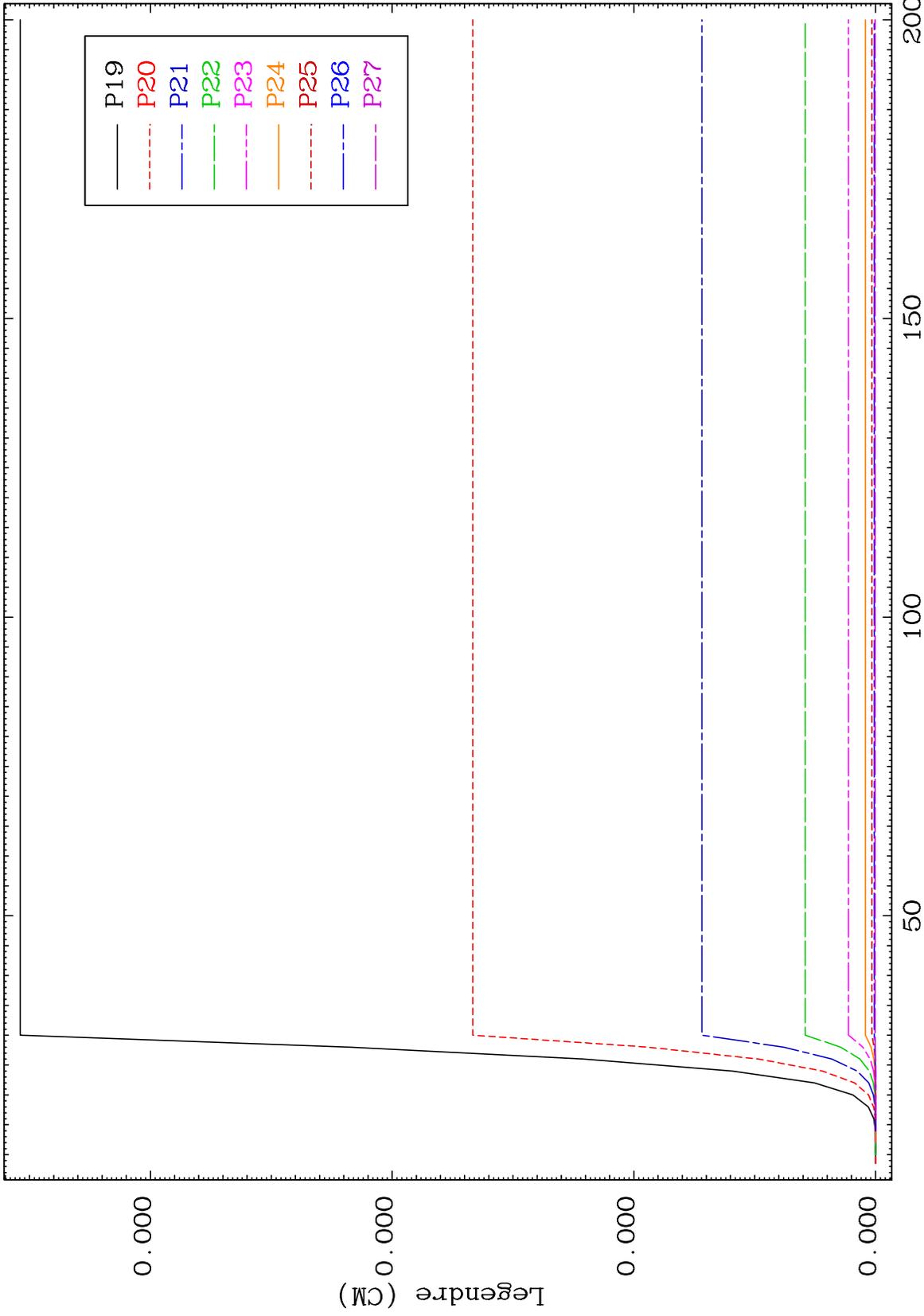
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



51

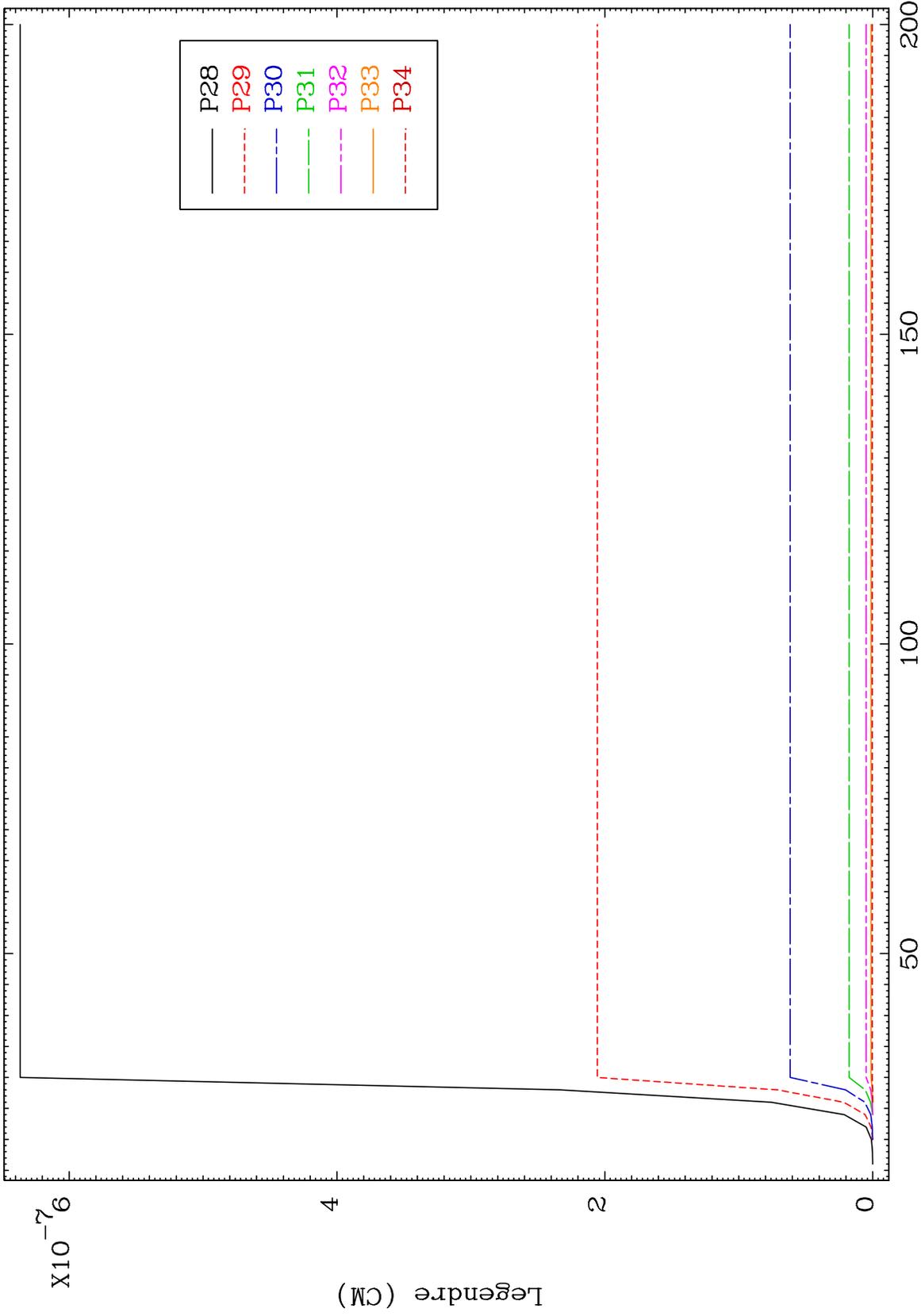
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



52

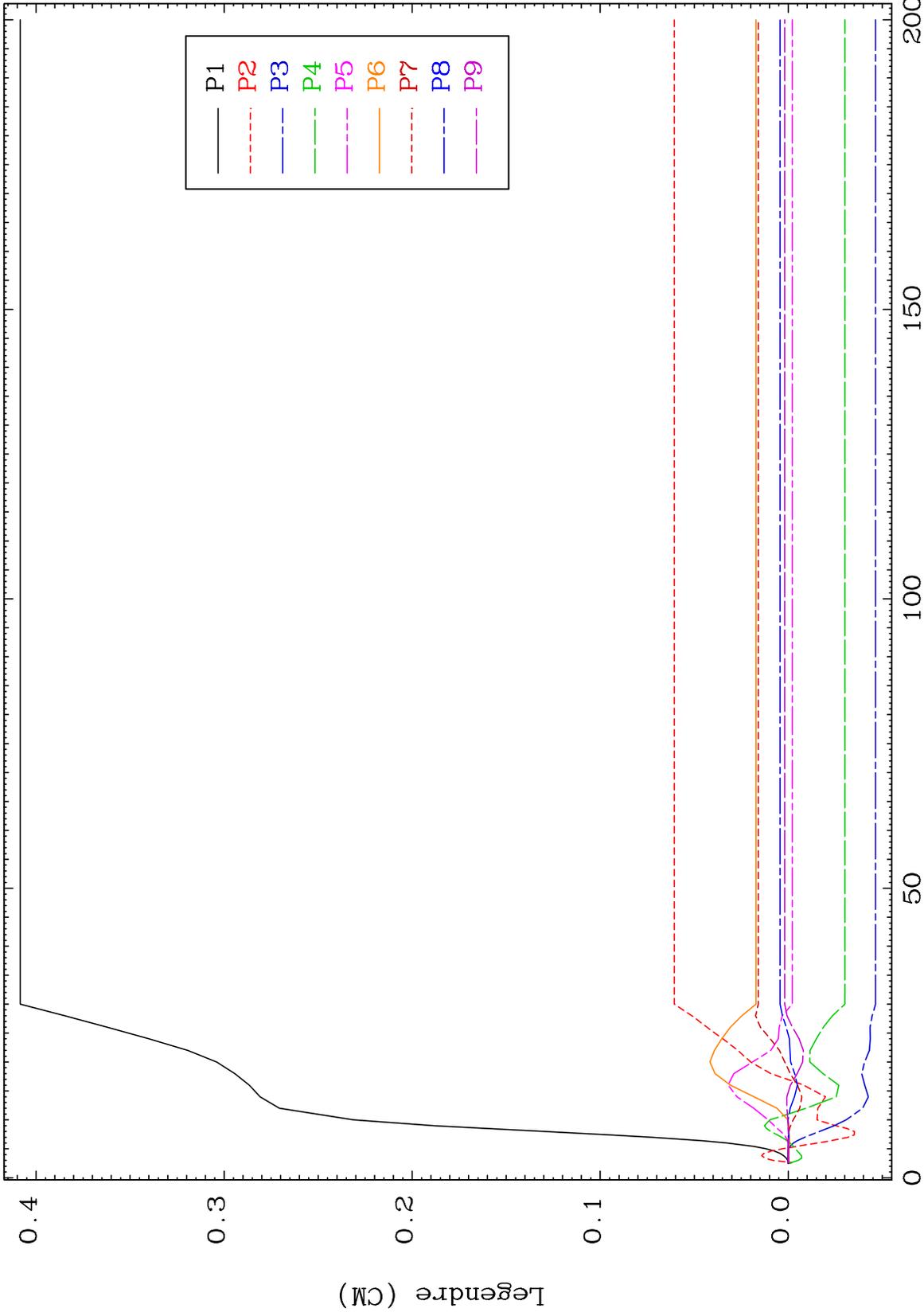
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



53

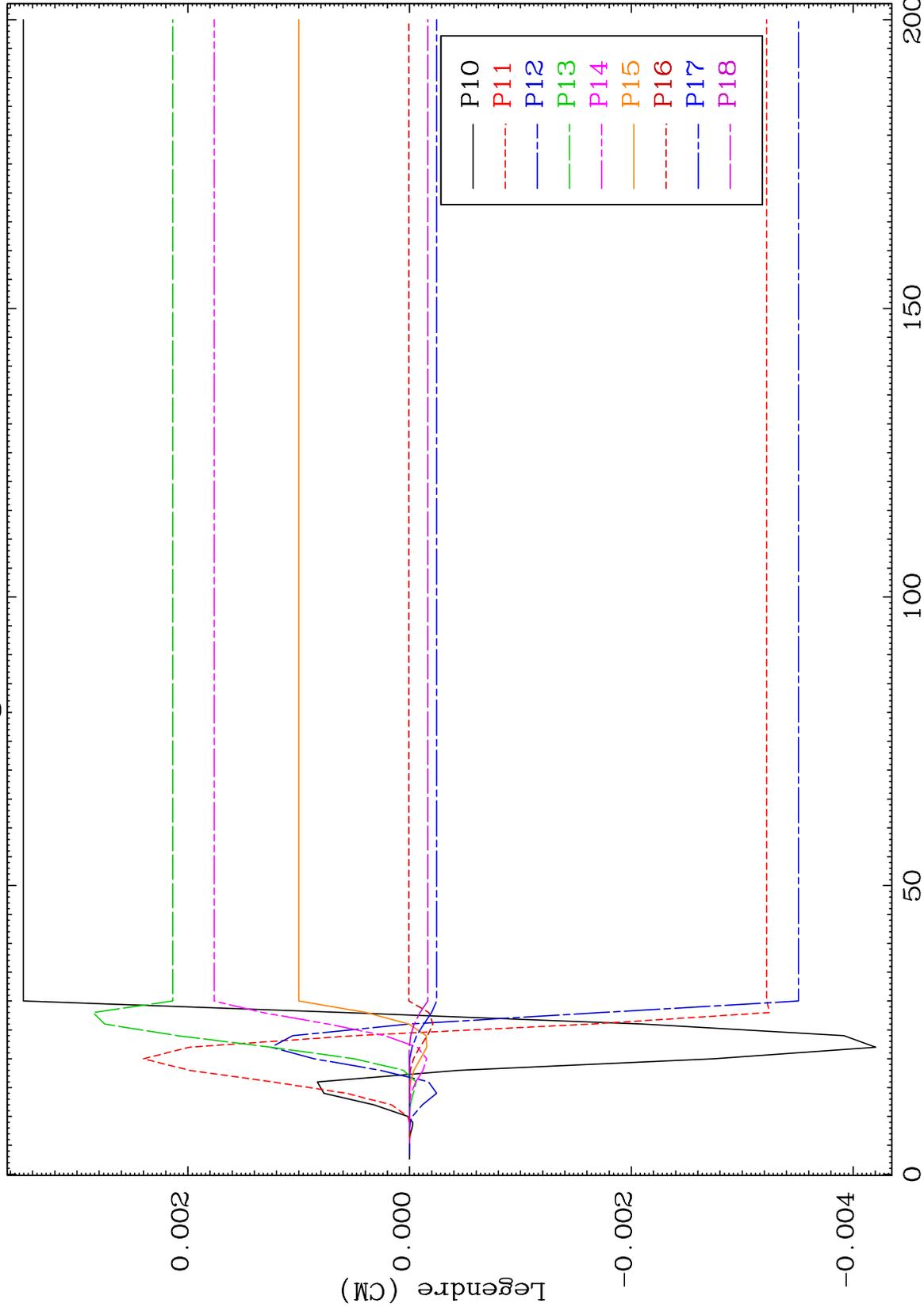
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



54

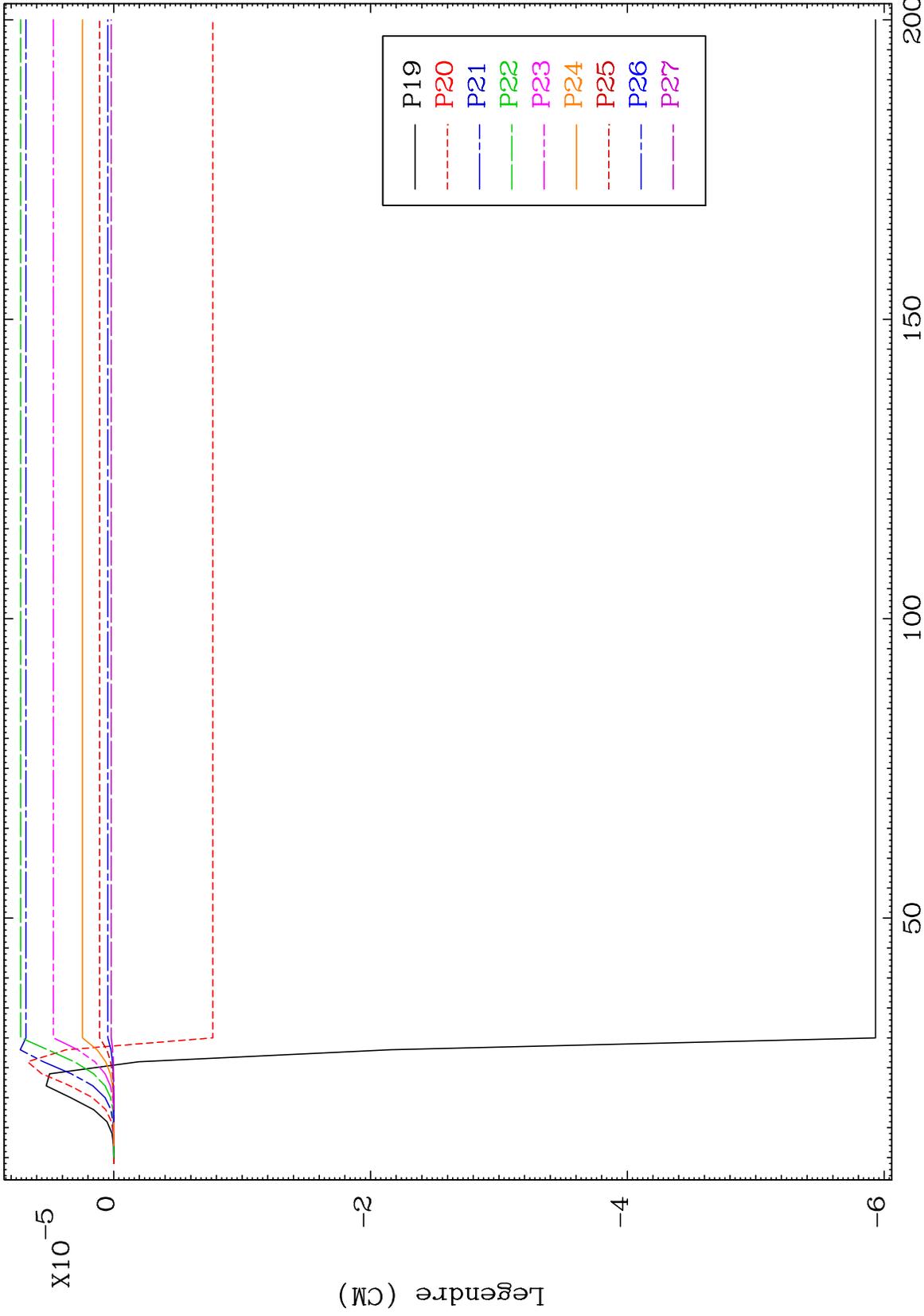
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



55

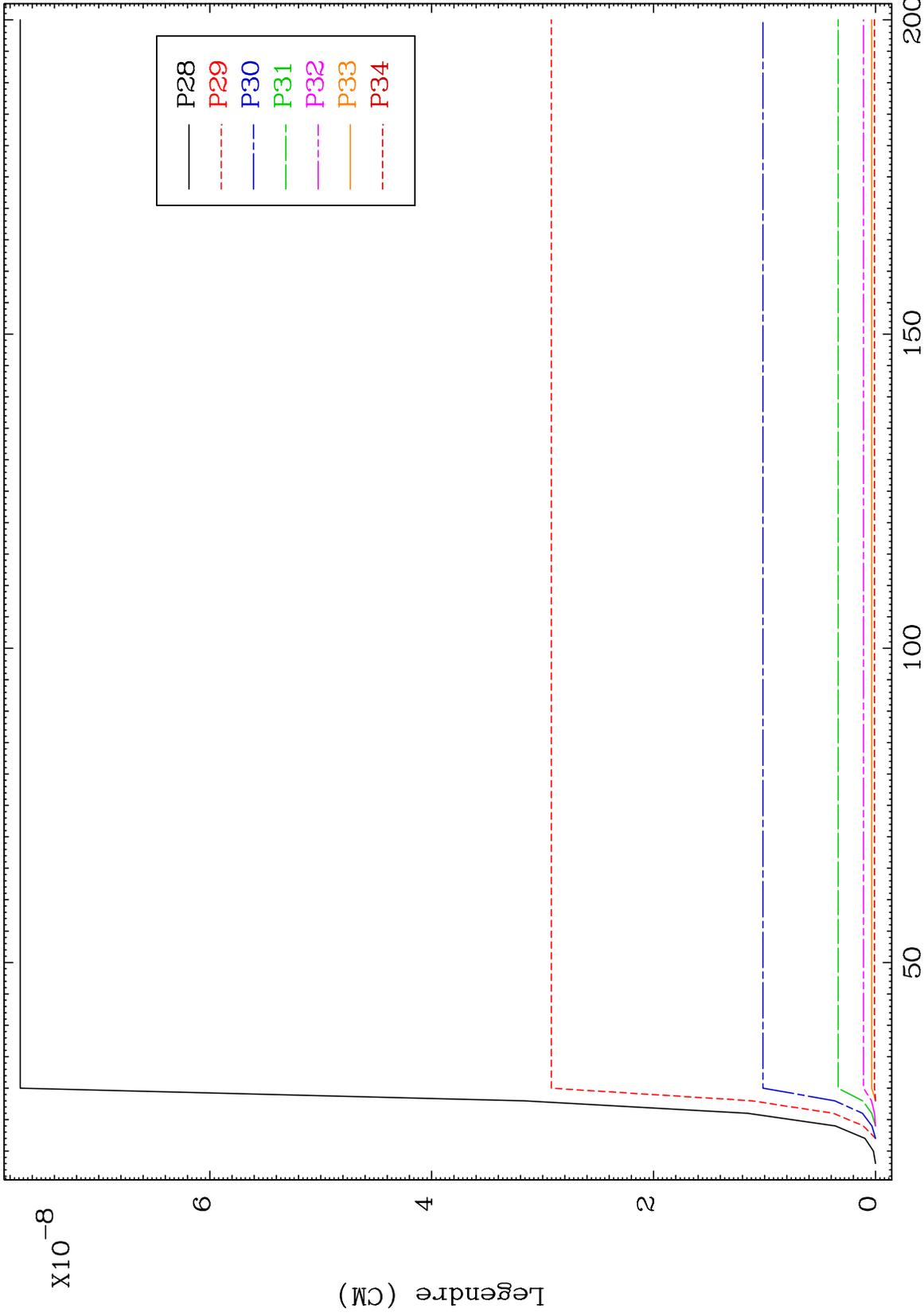
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



56

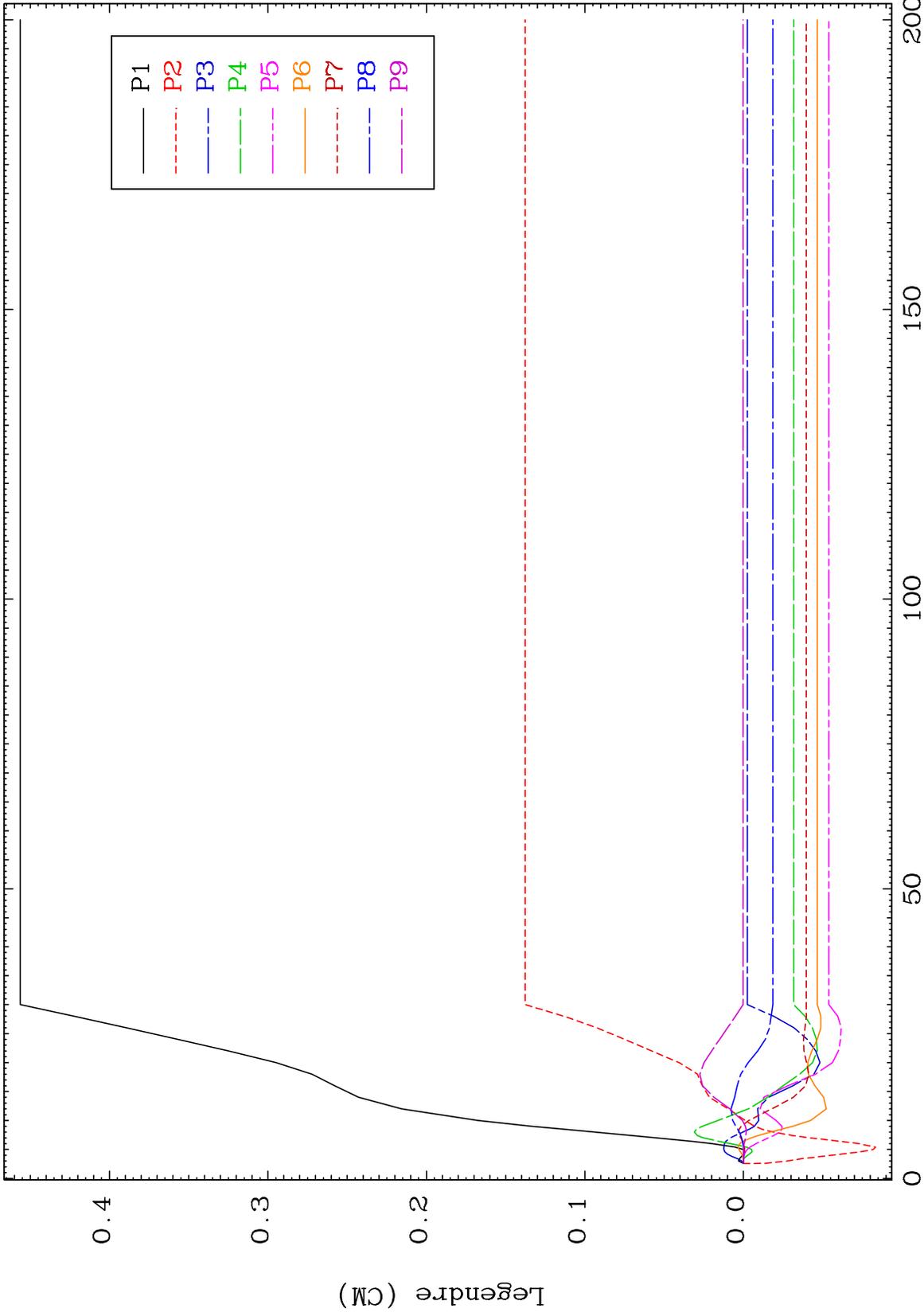
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



57

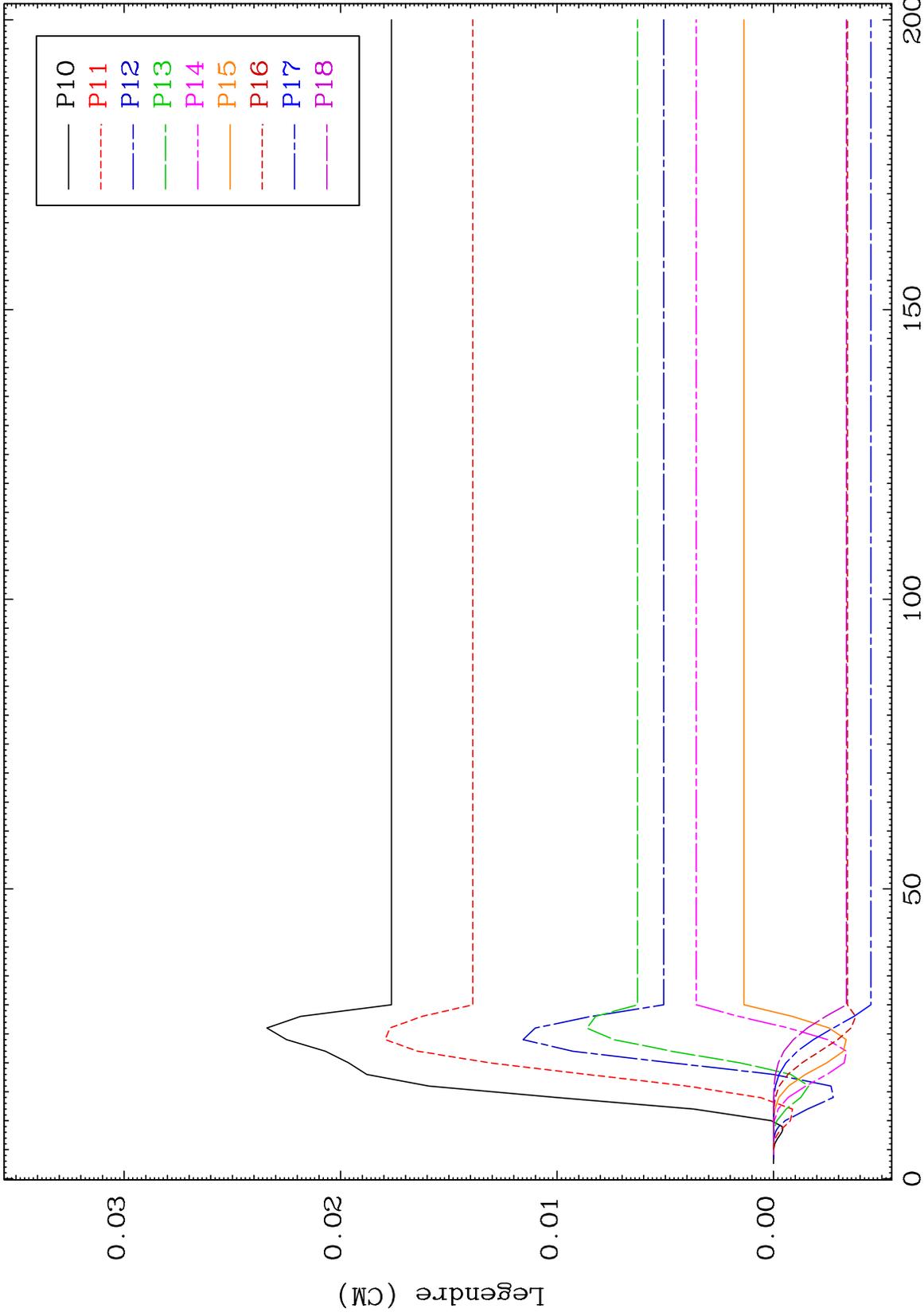
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



58

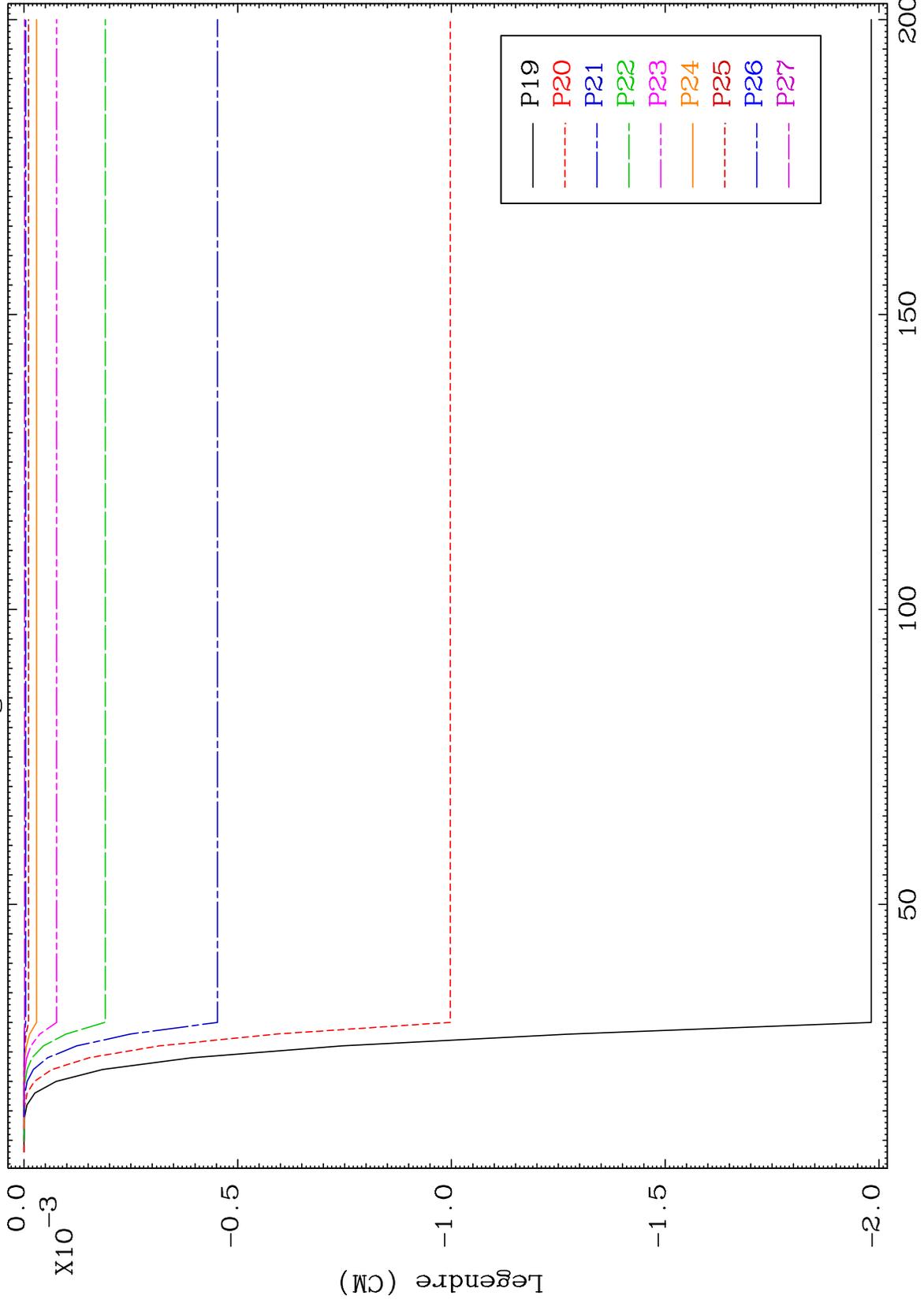
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



42-Mo-94

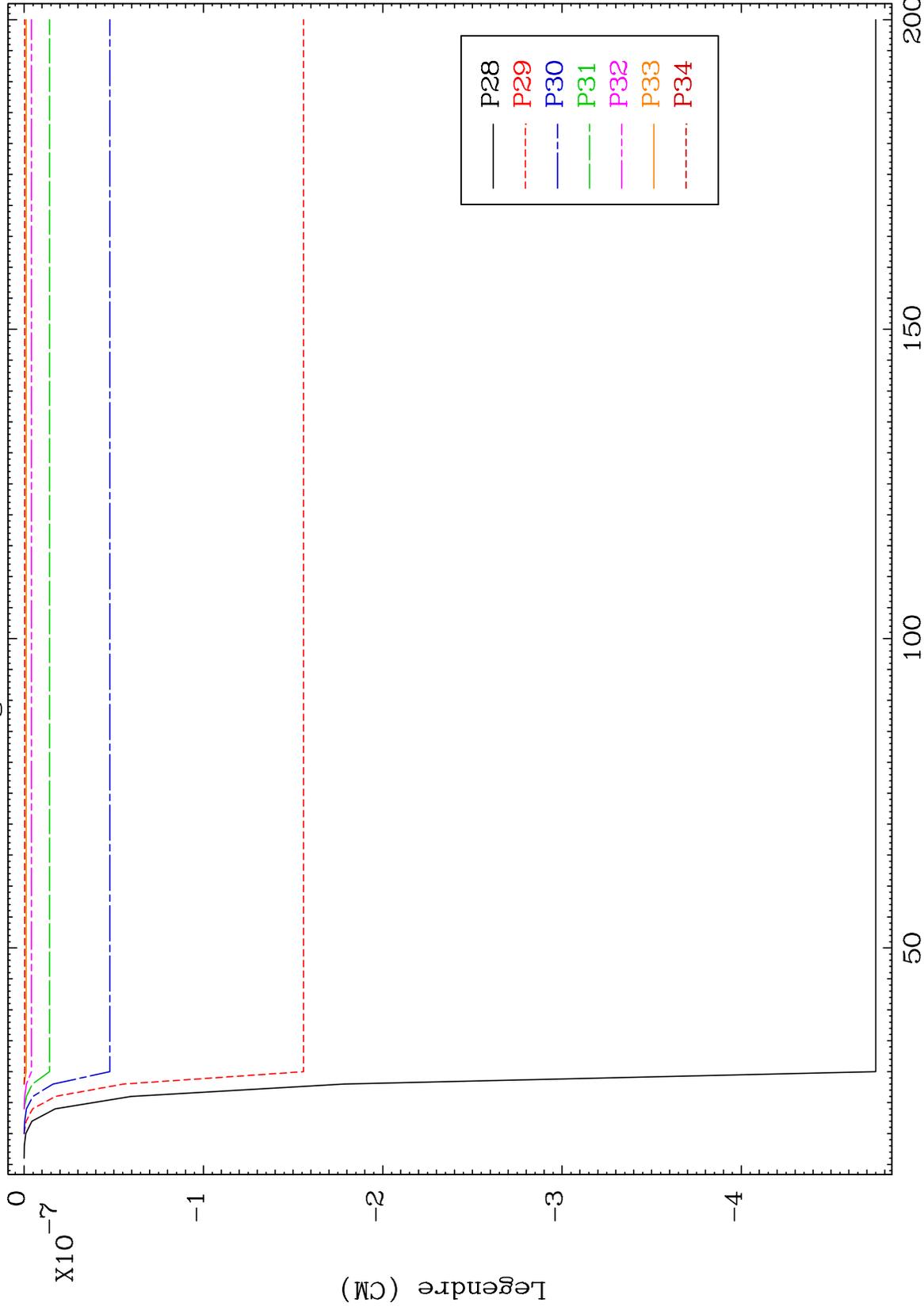
Incident Energy (MeV)

59

MAT 4231

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

42-Mo-94



42-Mo-94

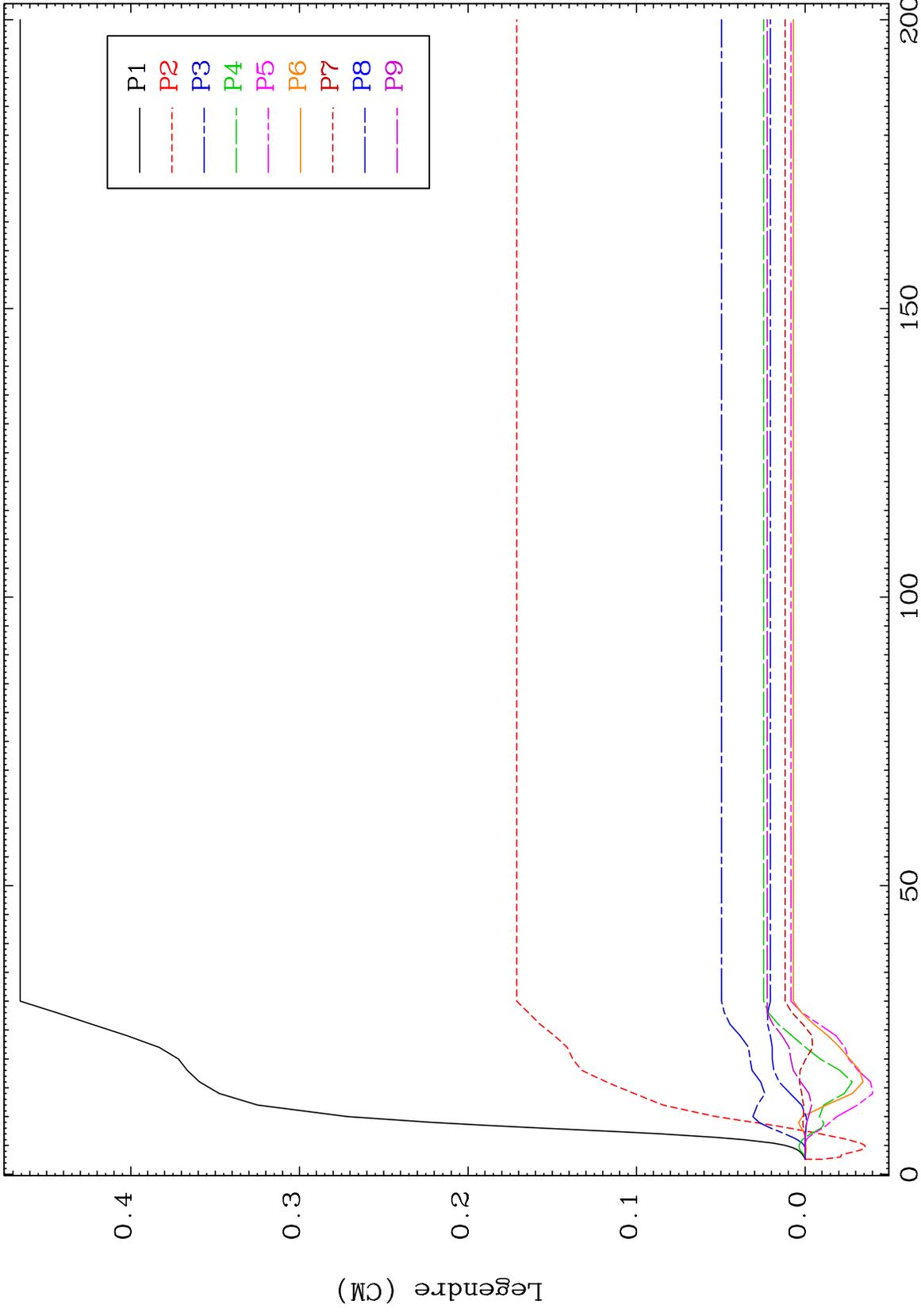
Incident Energy (MeV)

60

MAT 4231

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

42-Mo-94



61

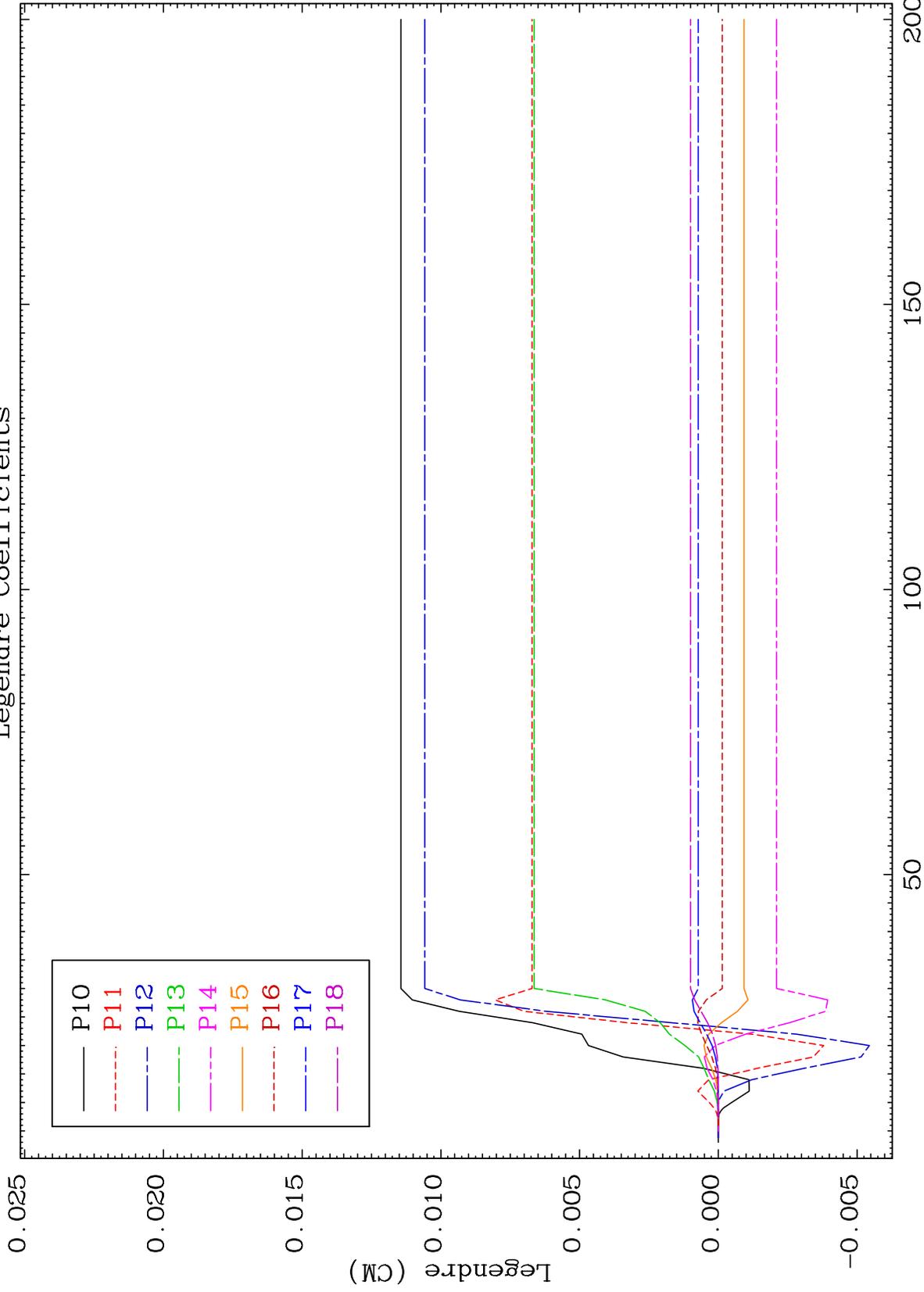
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



62

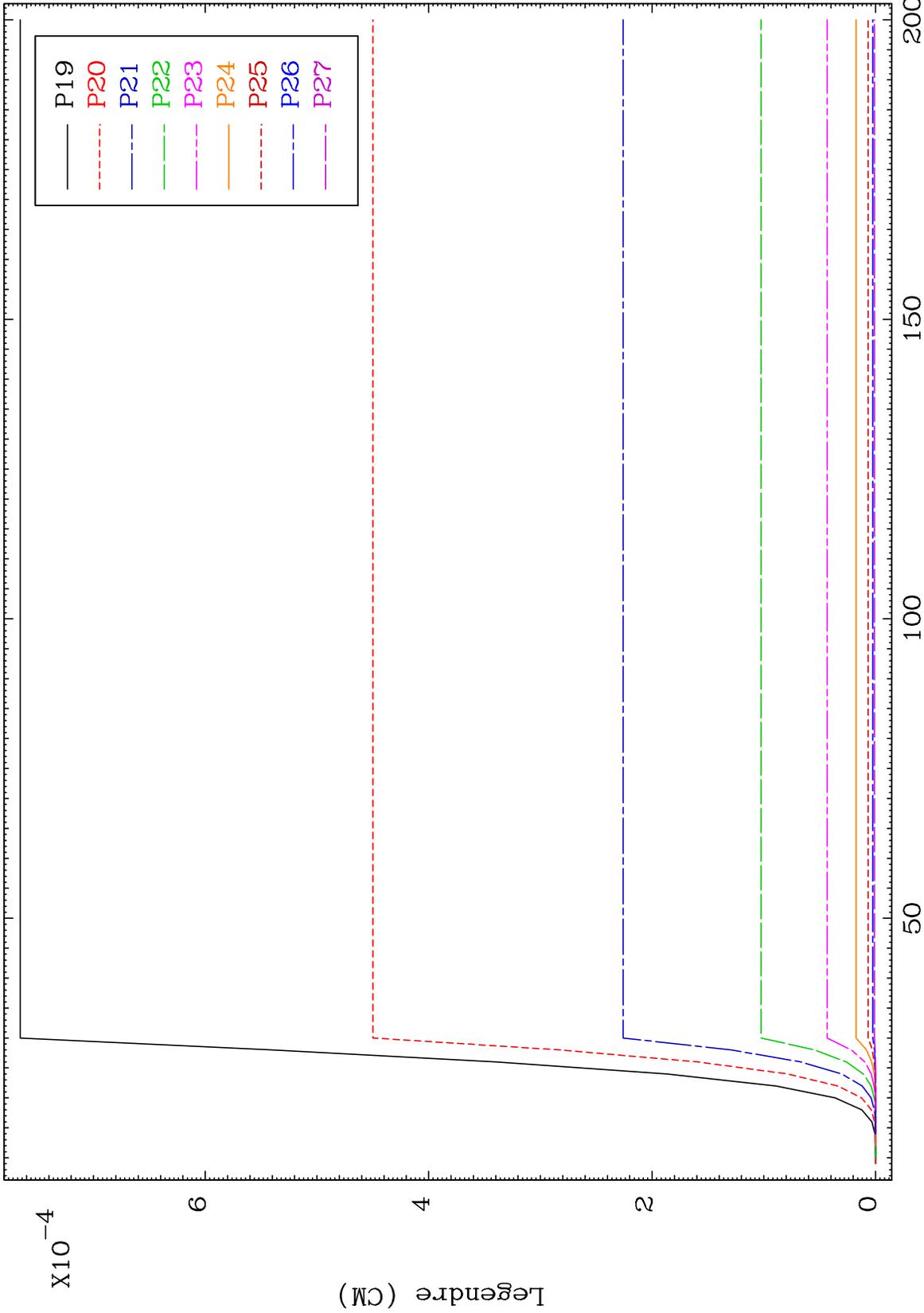
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



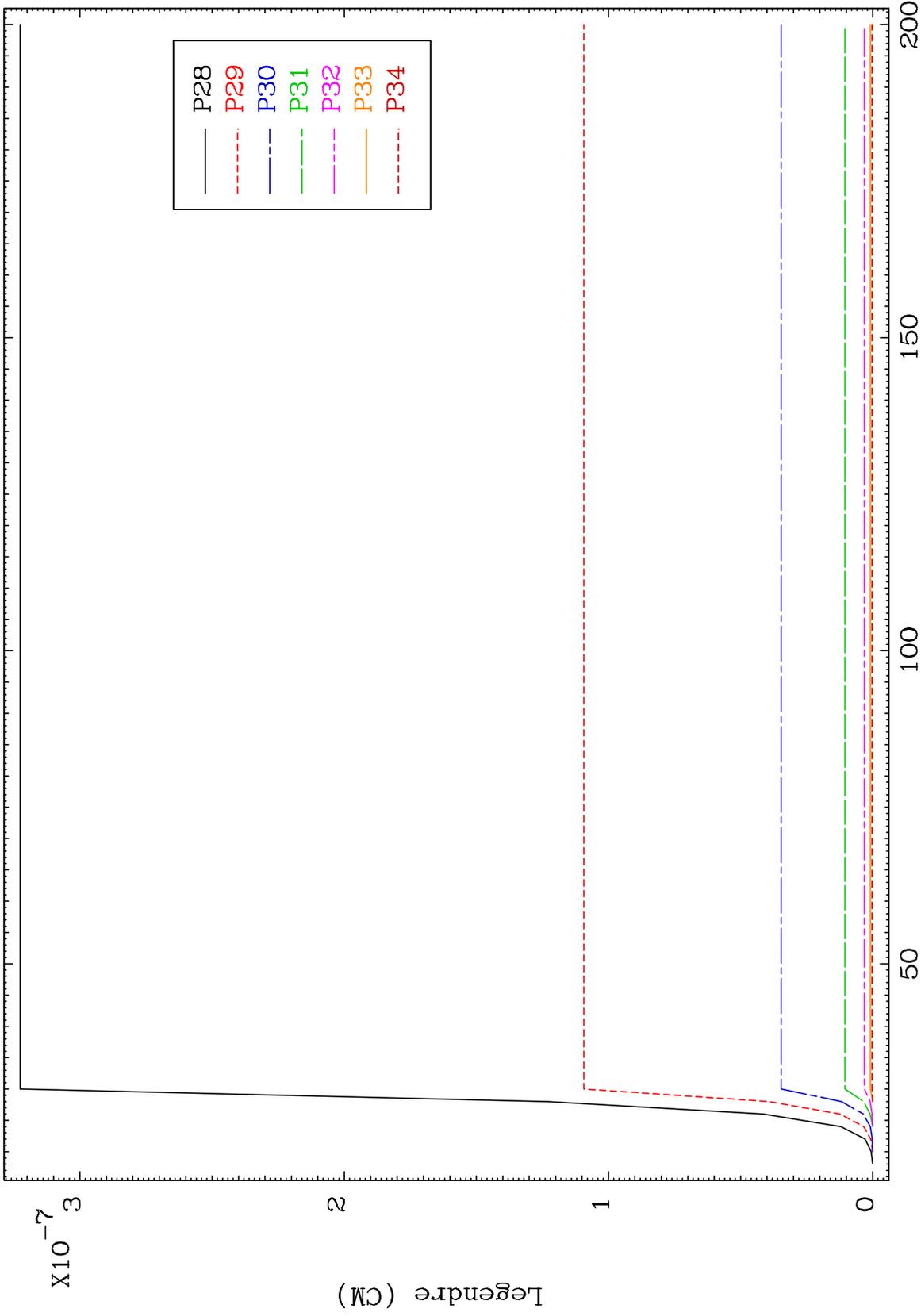
63

42-Mo-94

MAT 4231

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

42-Mo-94



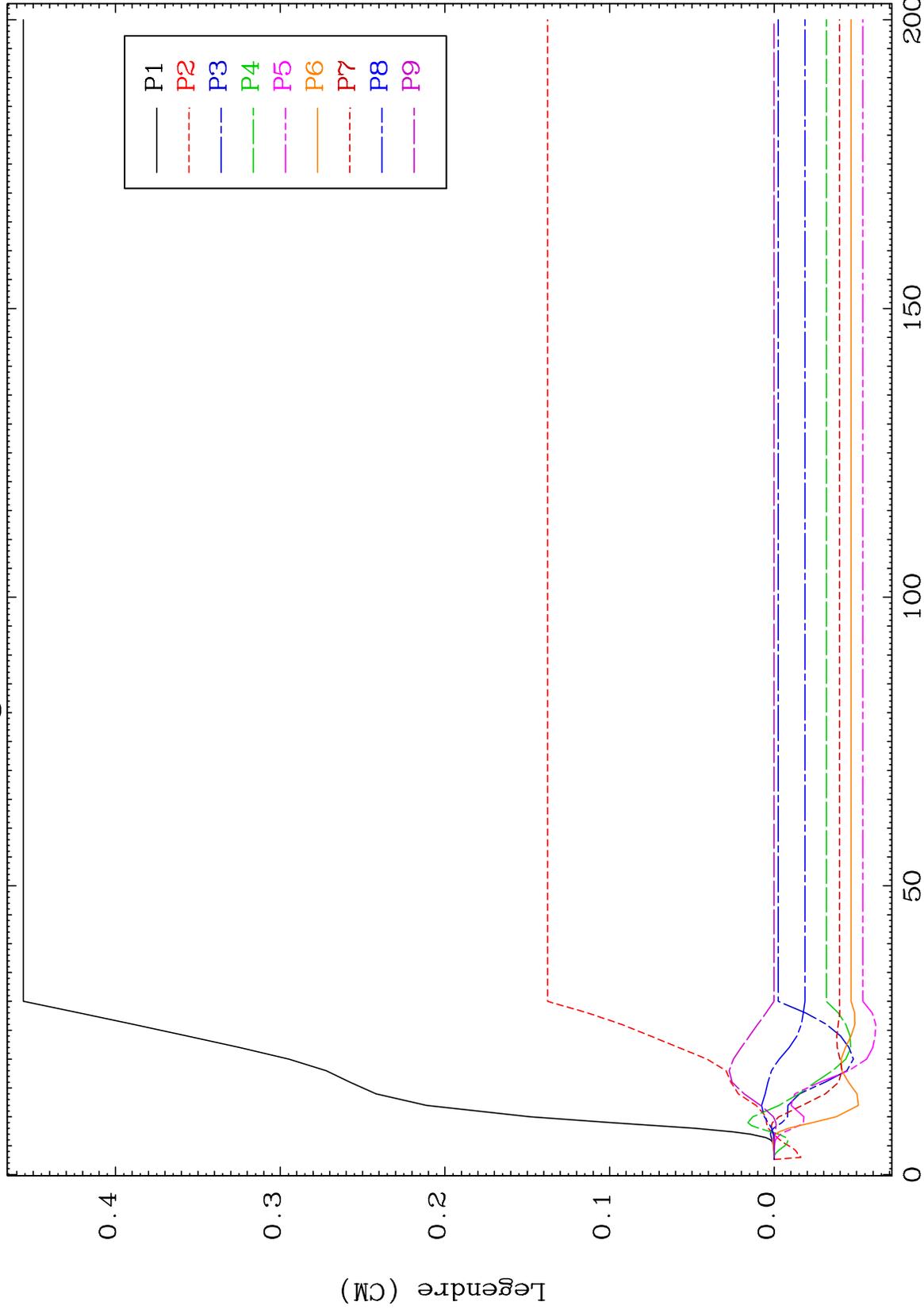
64

42-Mo-94

MAT 4231

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

42-Mo-94



65

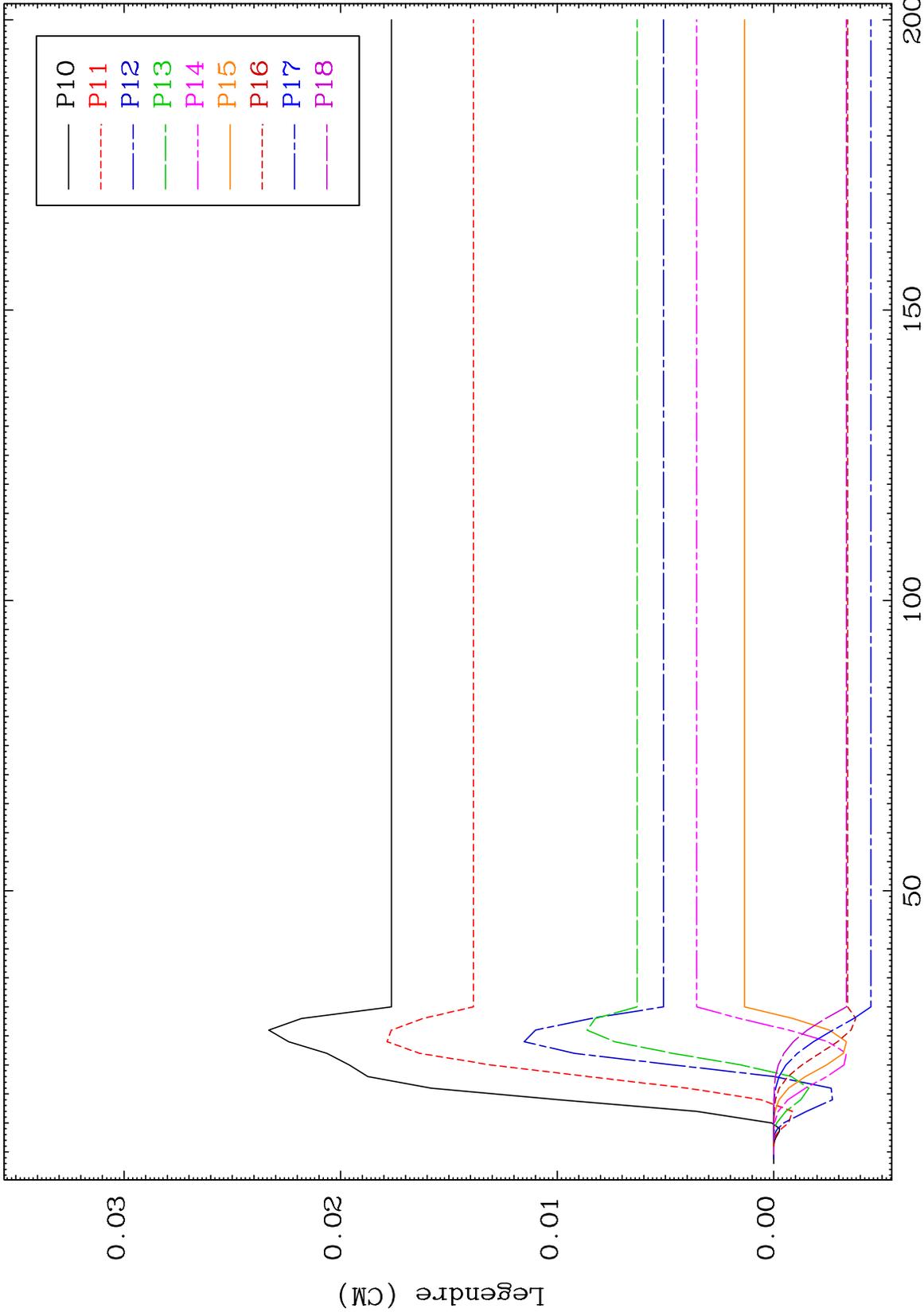
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



66

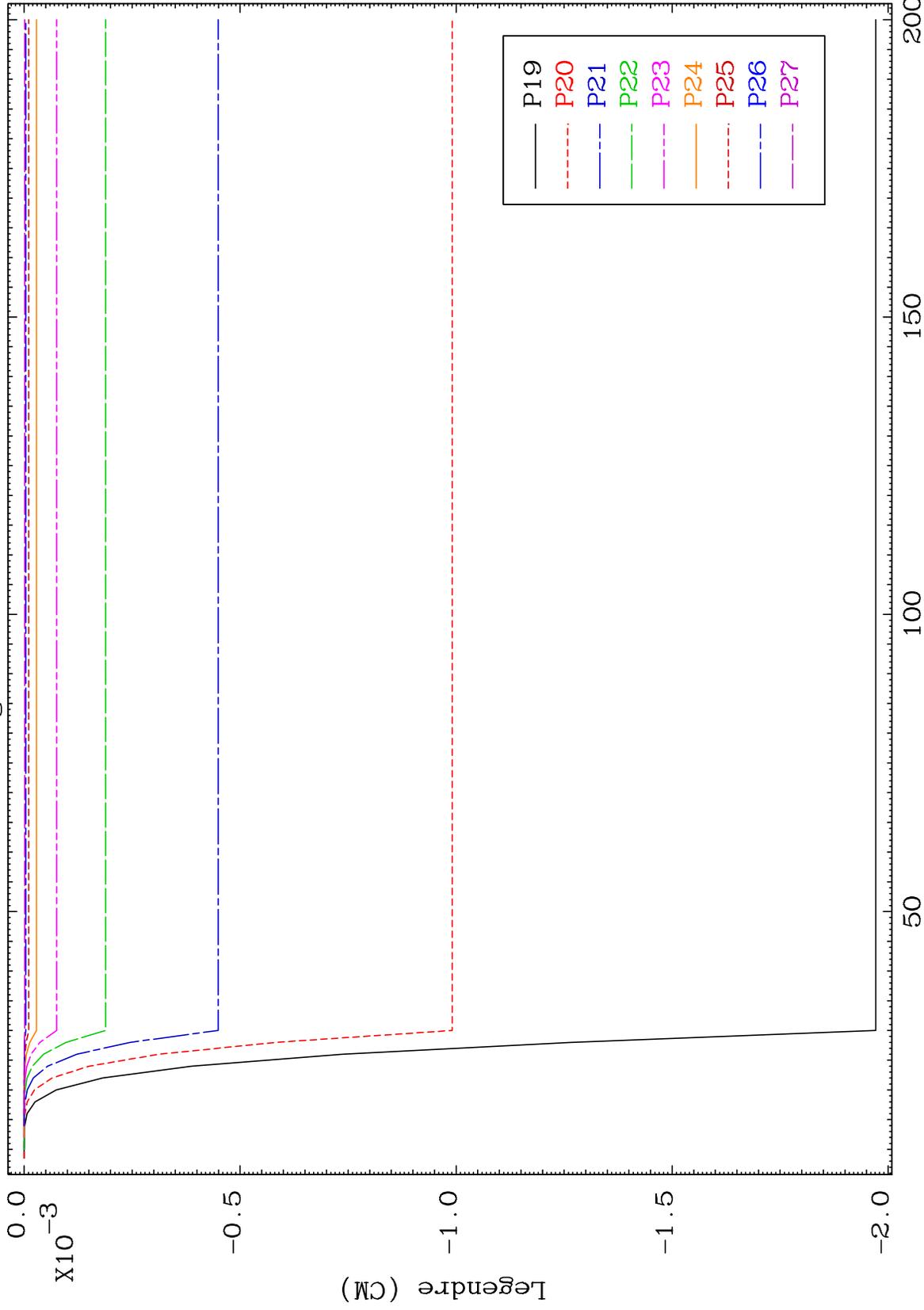
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



42-Mo-94

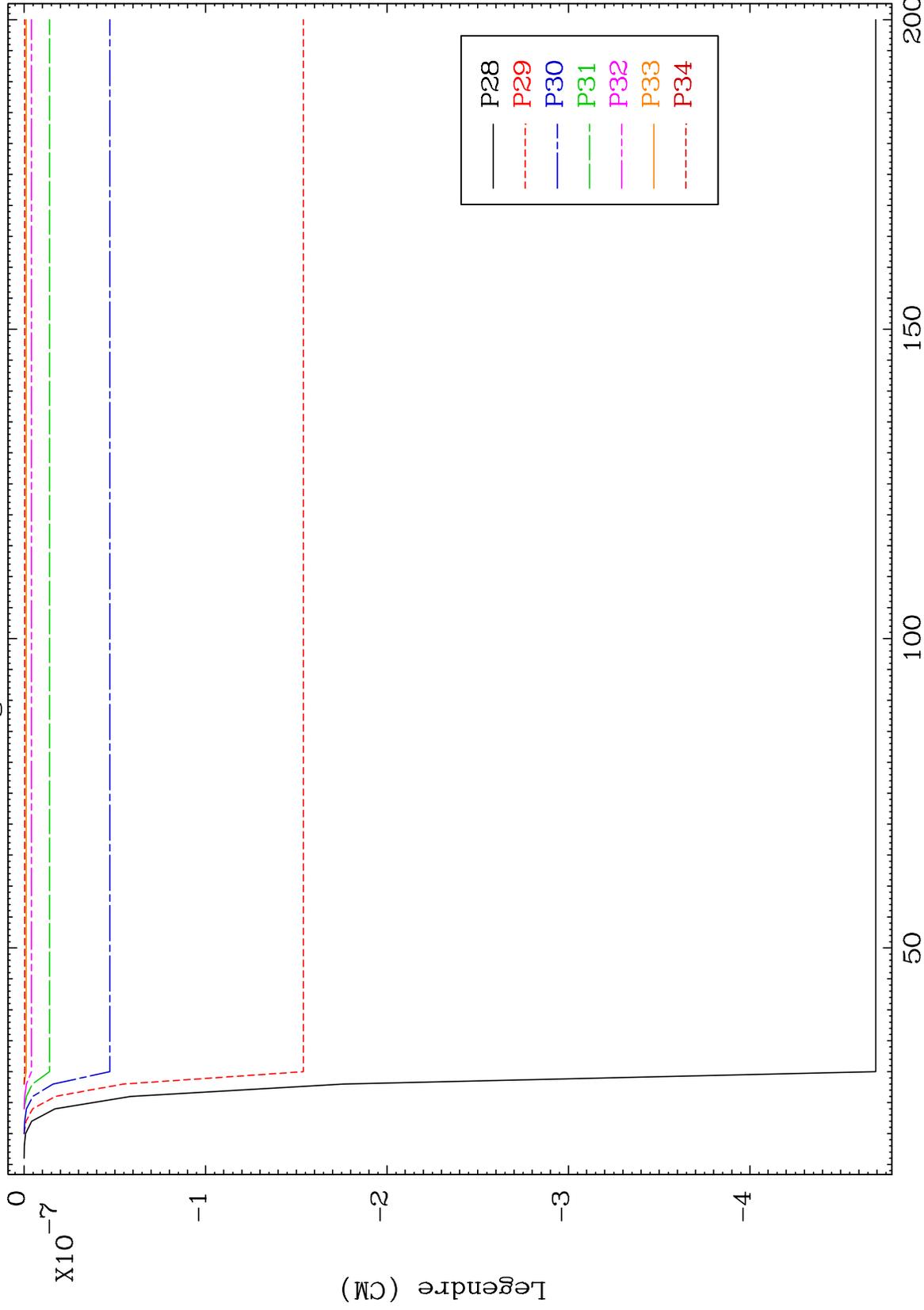
Incident Energy (MeV)

67

MAT 4231

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

42-Mo-94



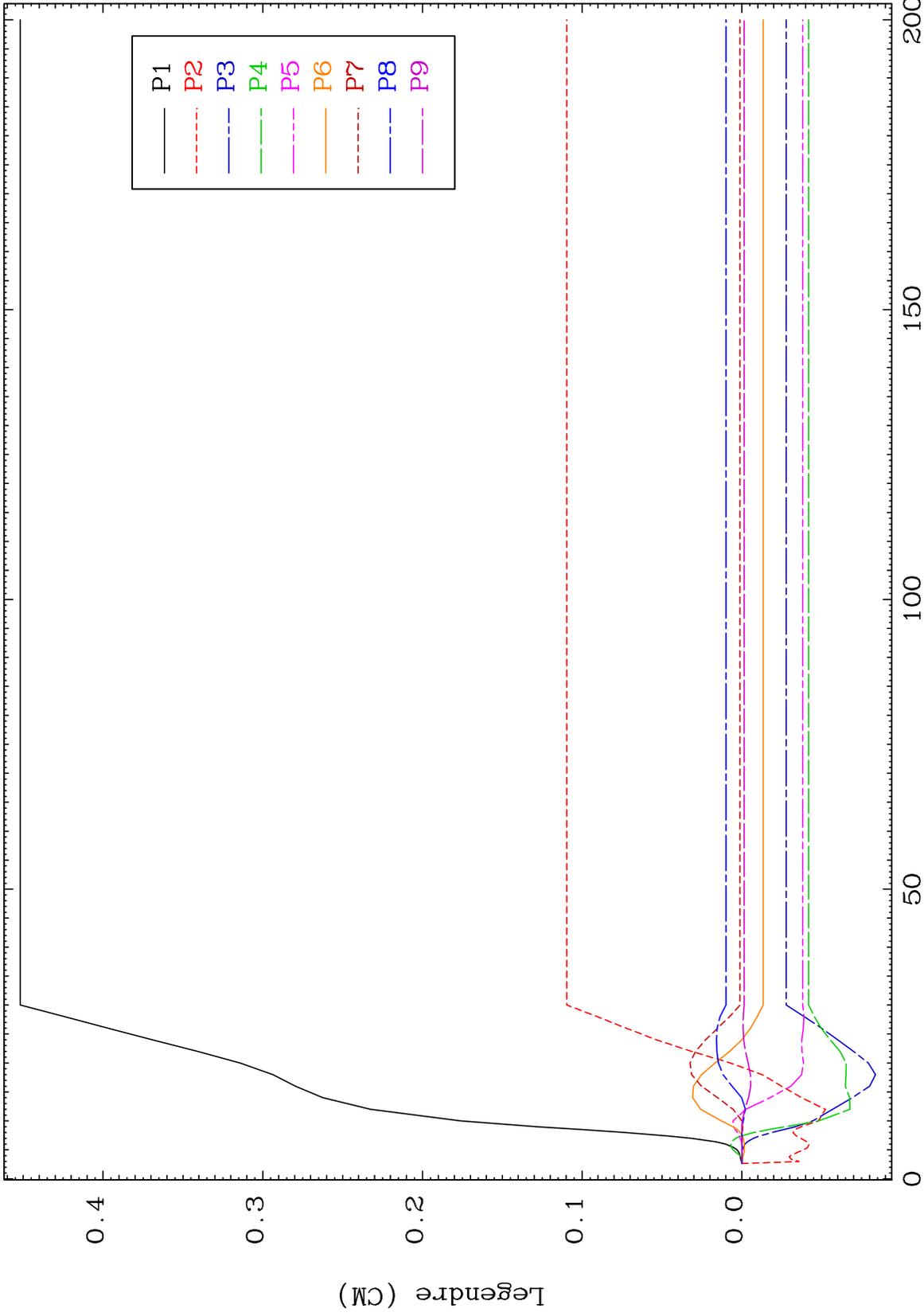
68

42-Mo-94

MAT 4231

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

42-Mo-94



69

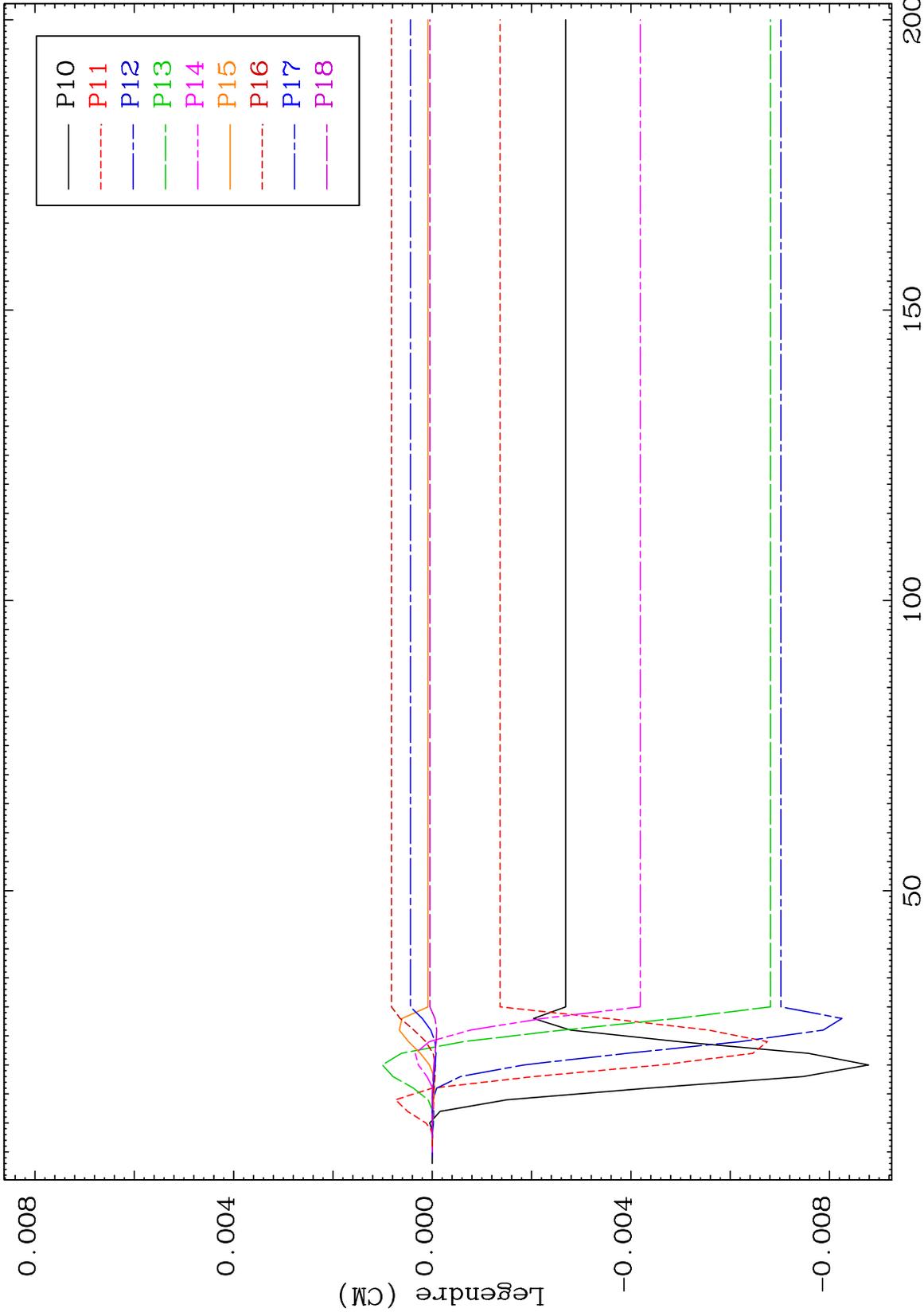
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



70

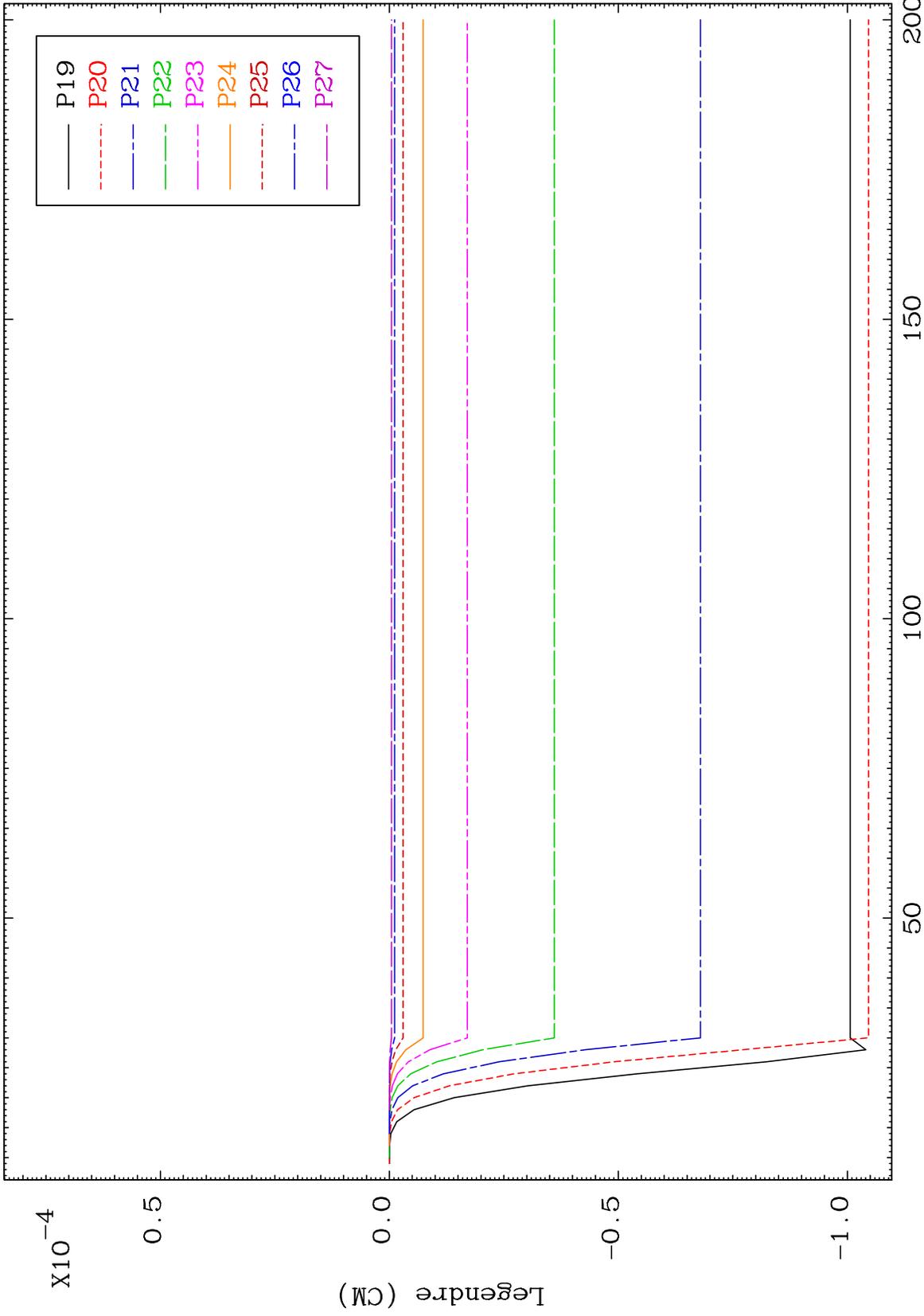
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



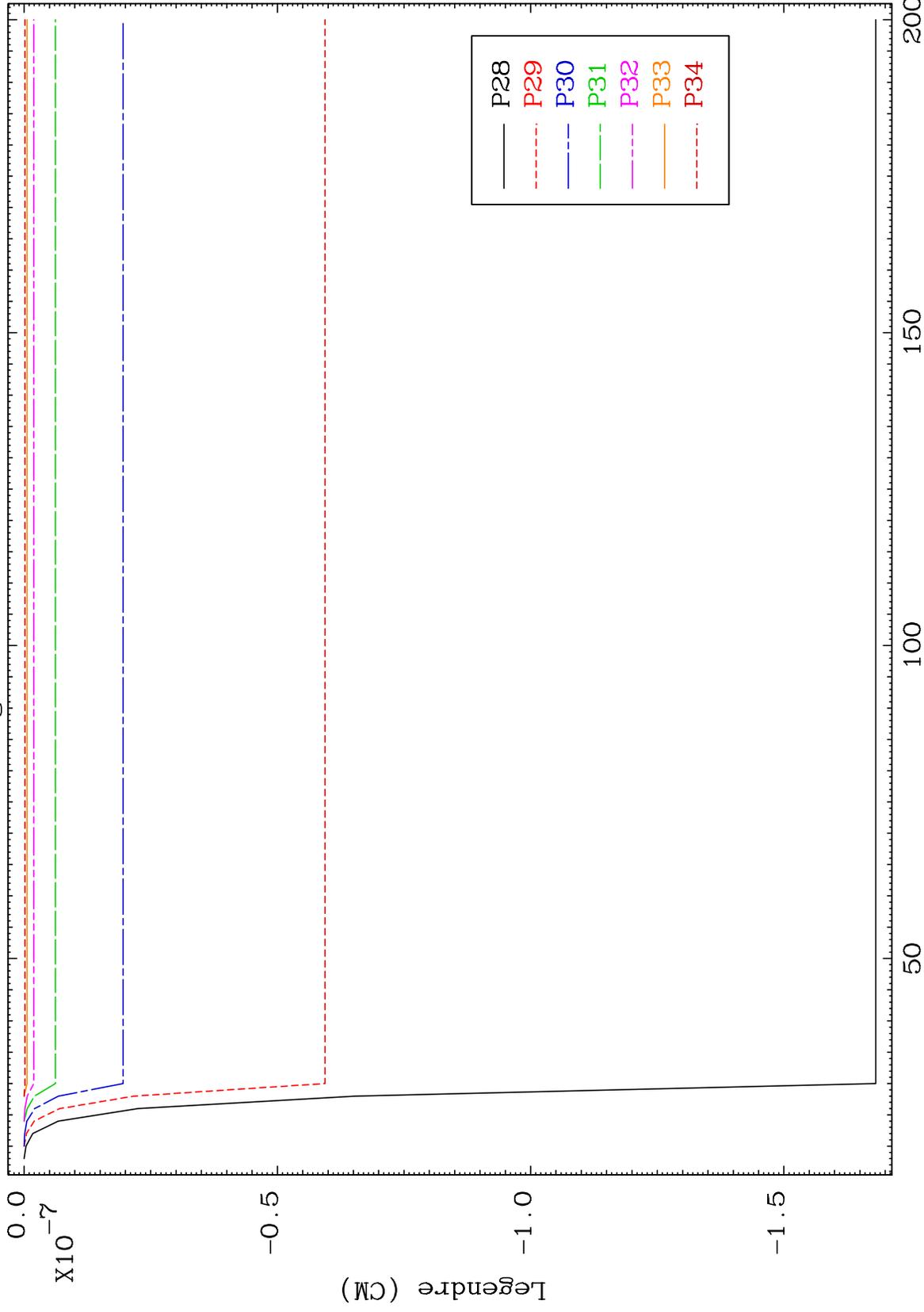
71

42-Mo-94

MAT 4231

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

42-Mo-94



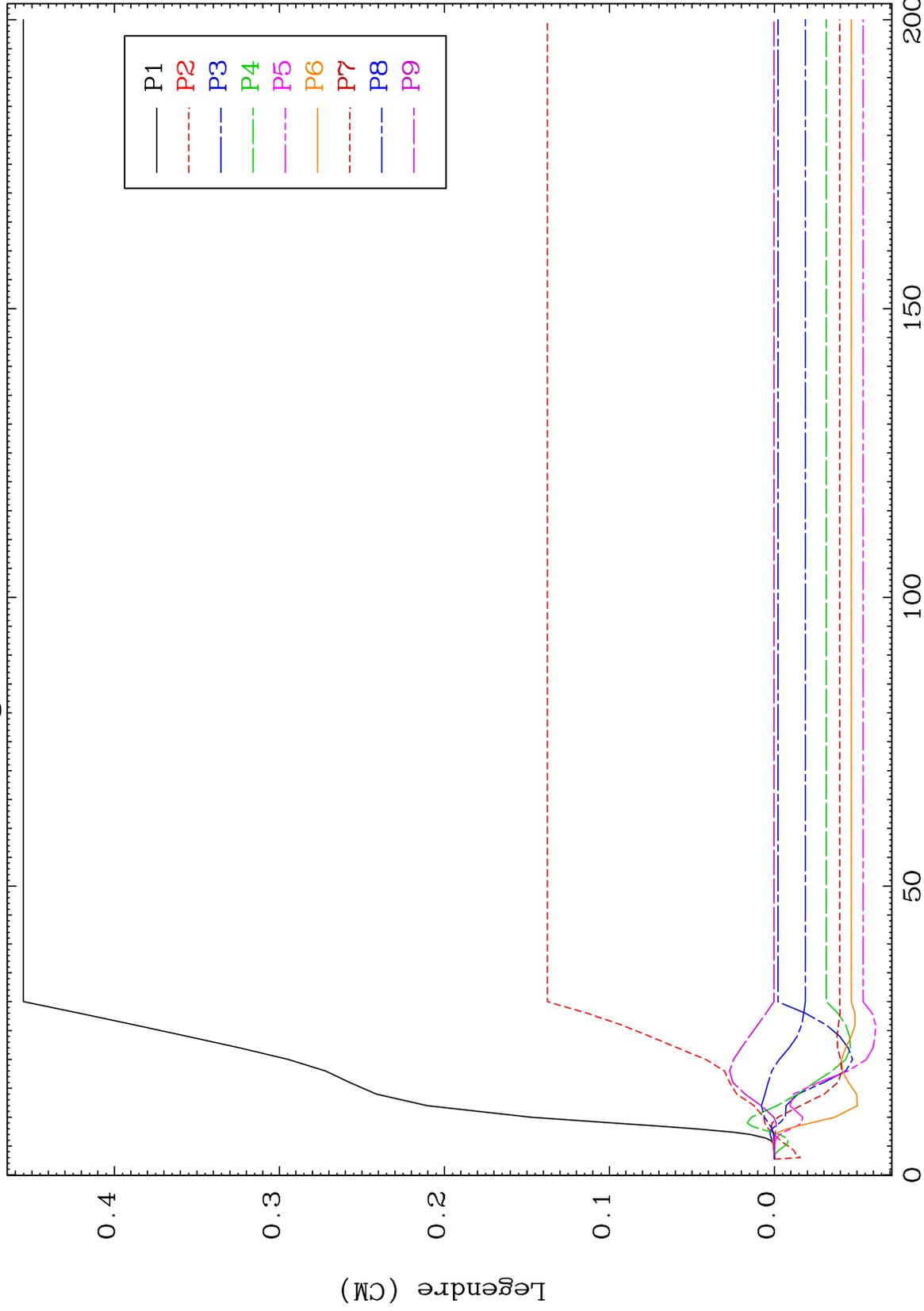
42-Mo-94

72

MAT 4231

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

42-Mo-94



73

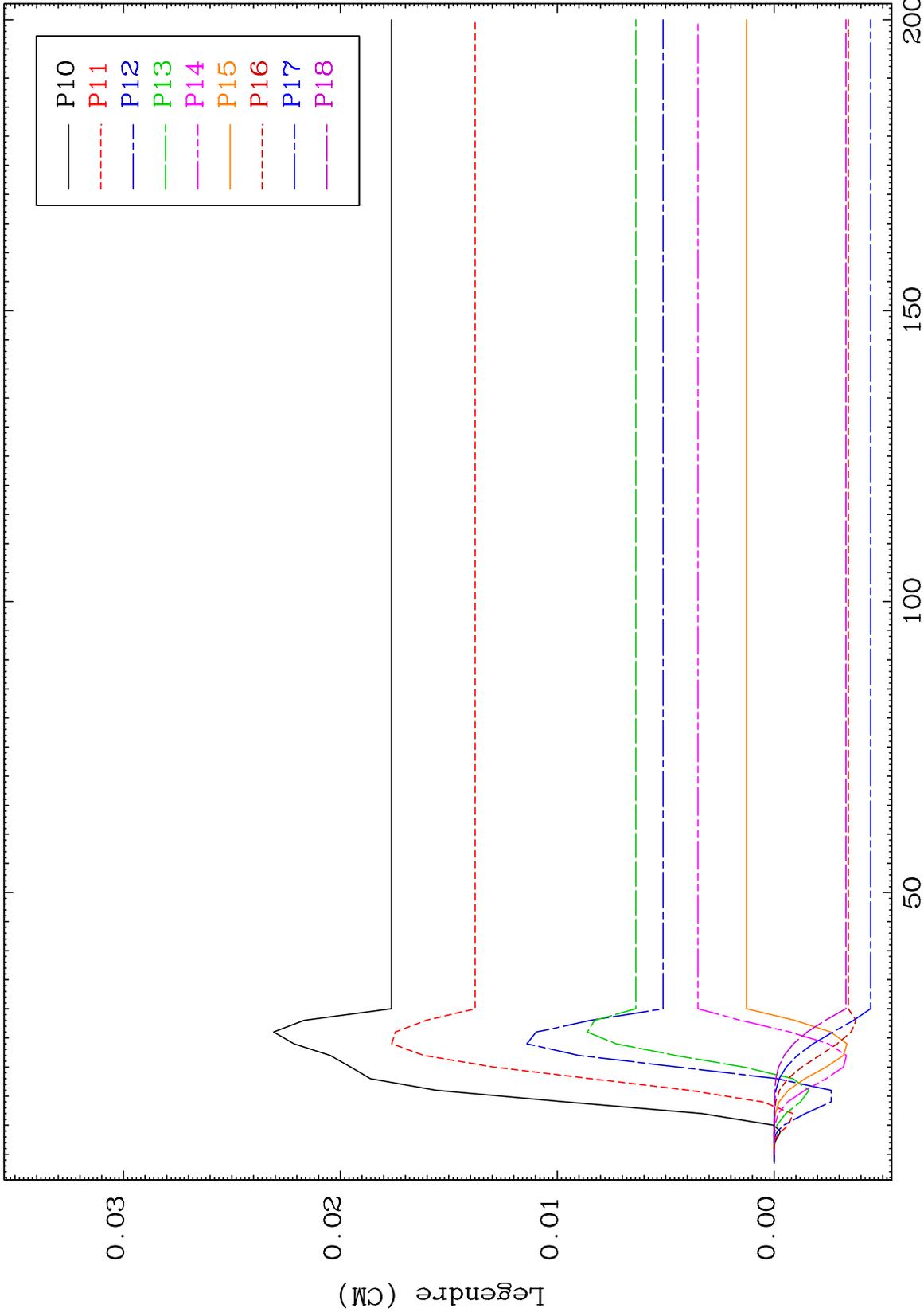
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



74

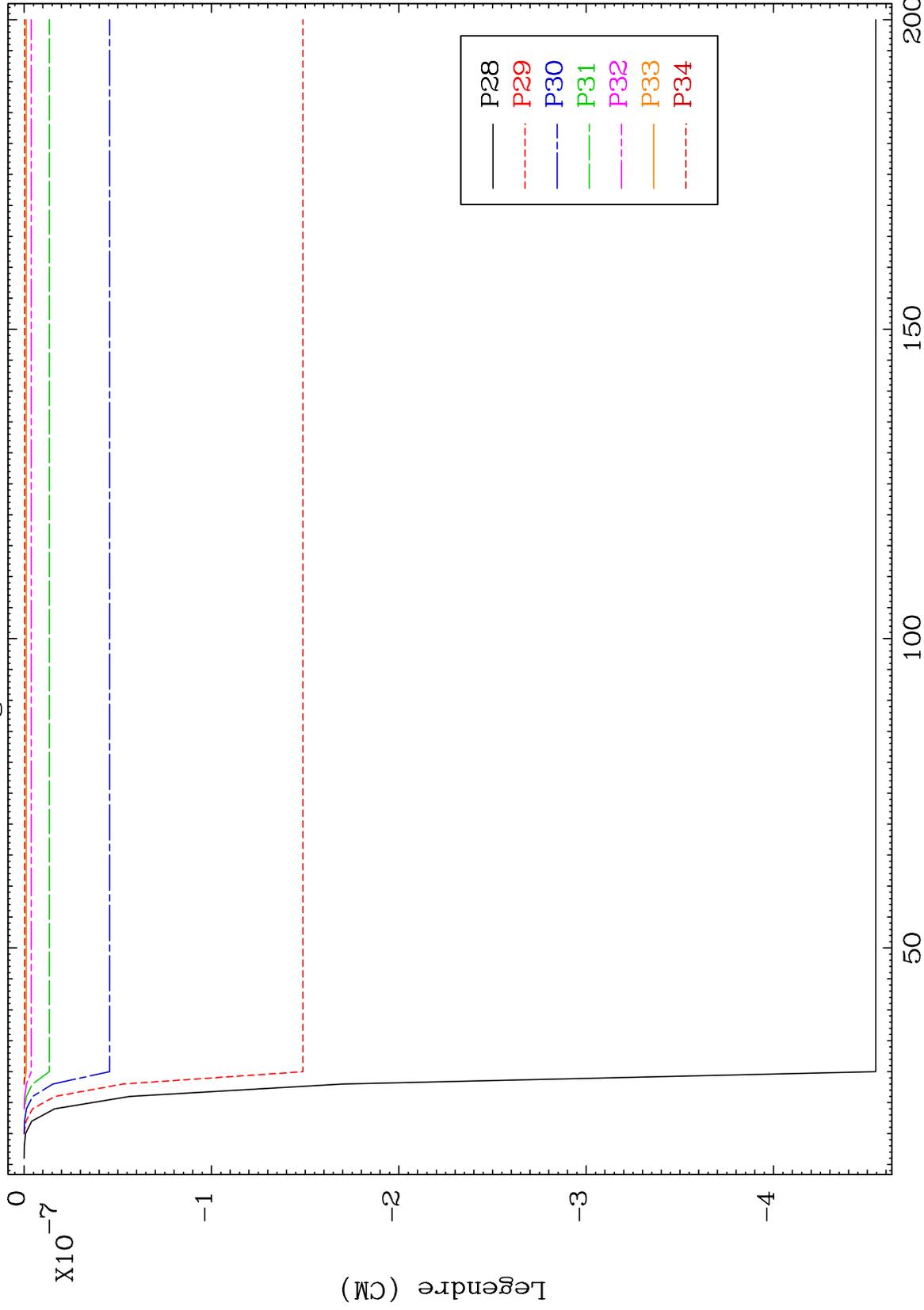
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



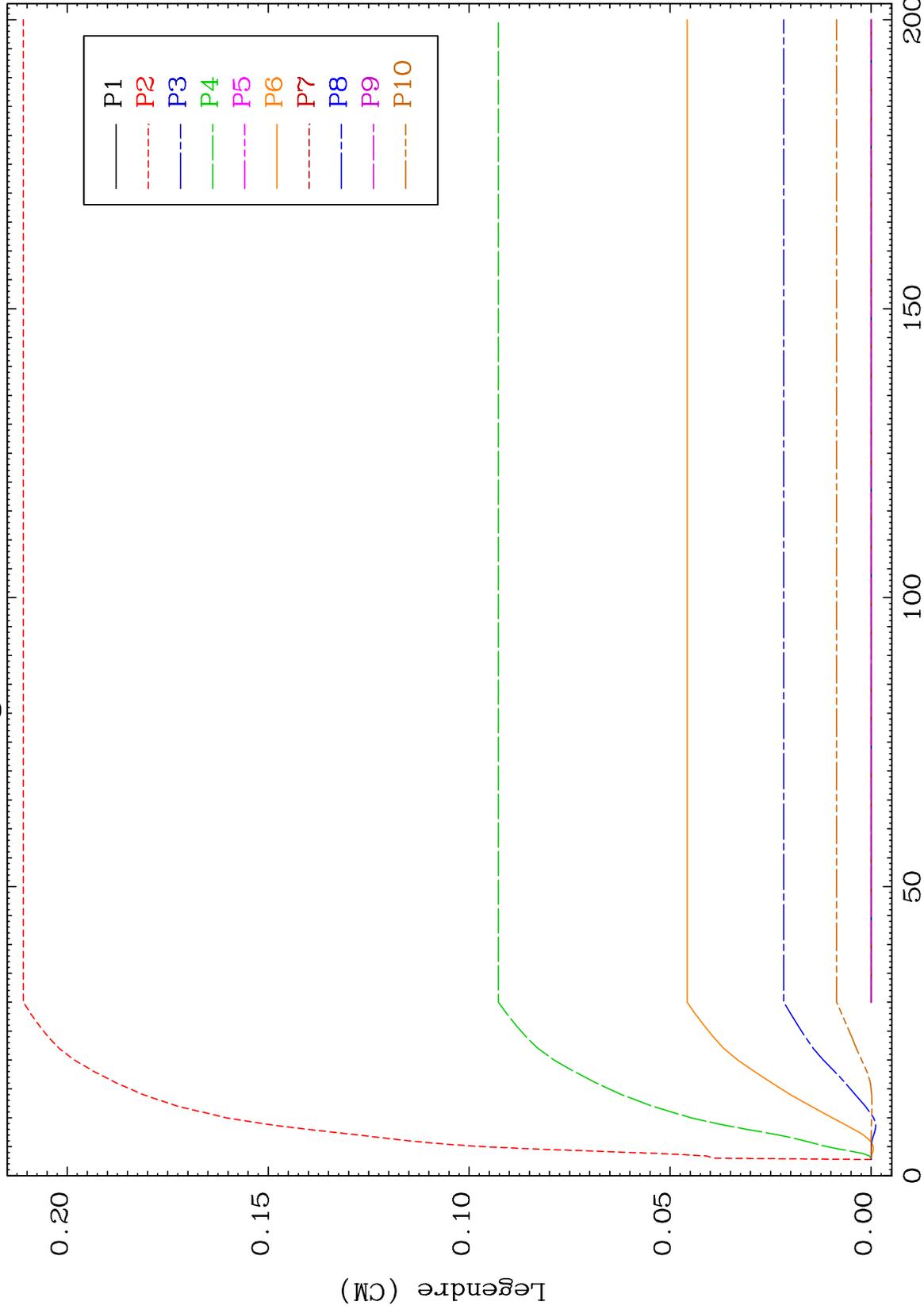
76

42-Mo-94

MAT 4231

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

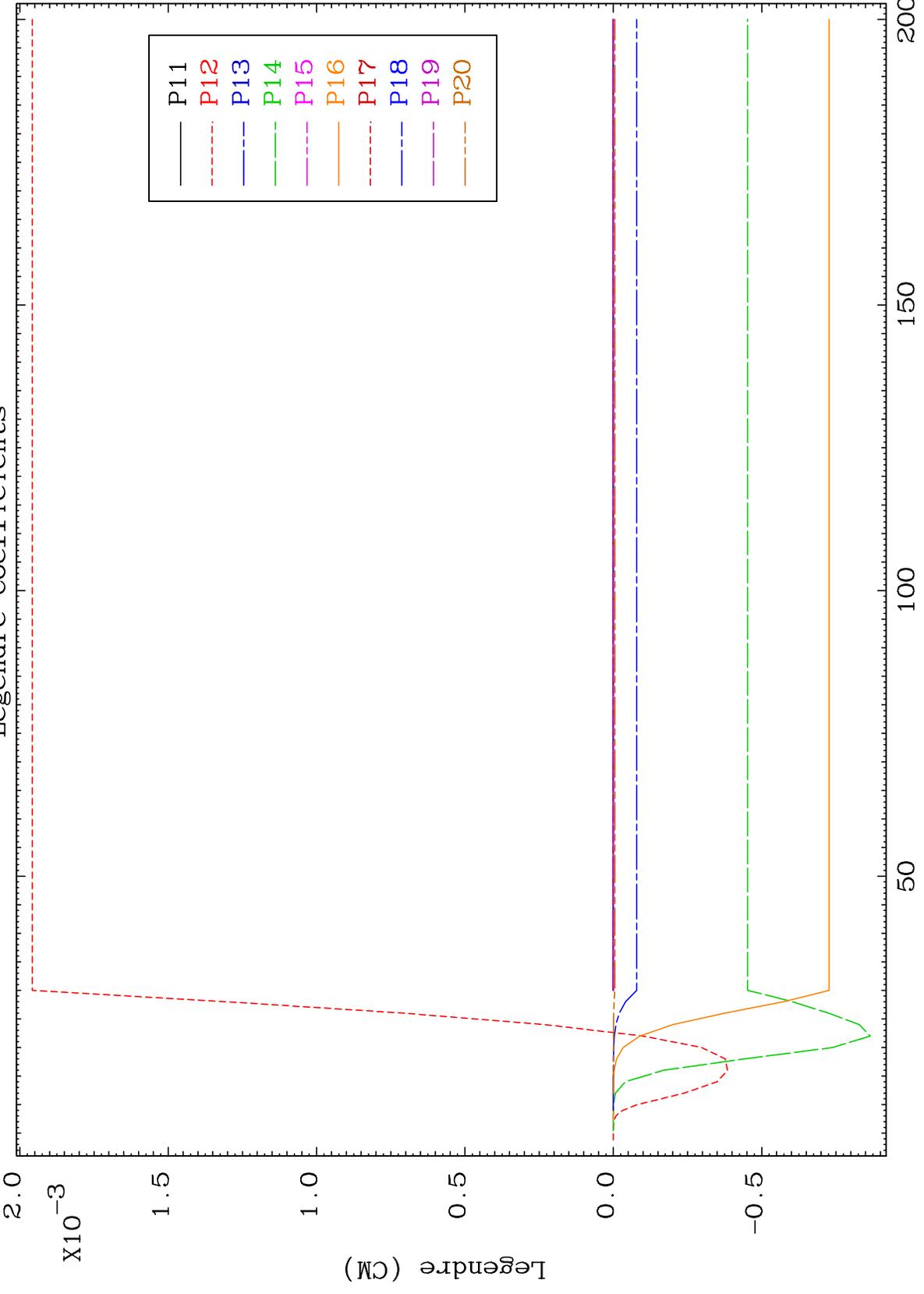
42-Mo-94



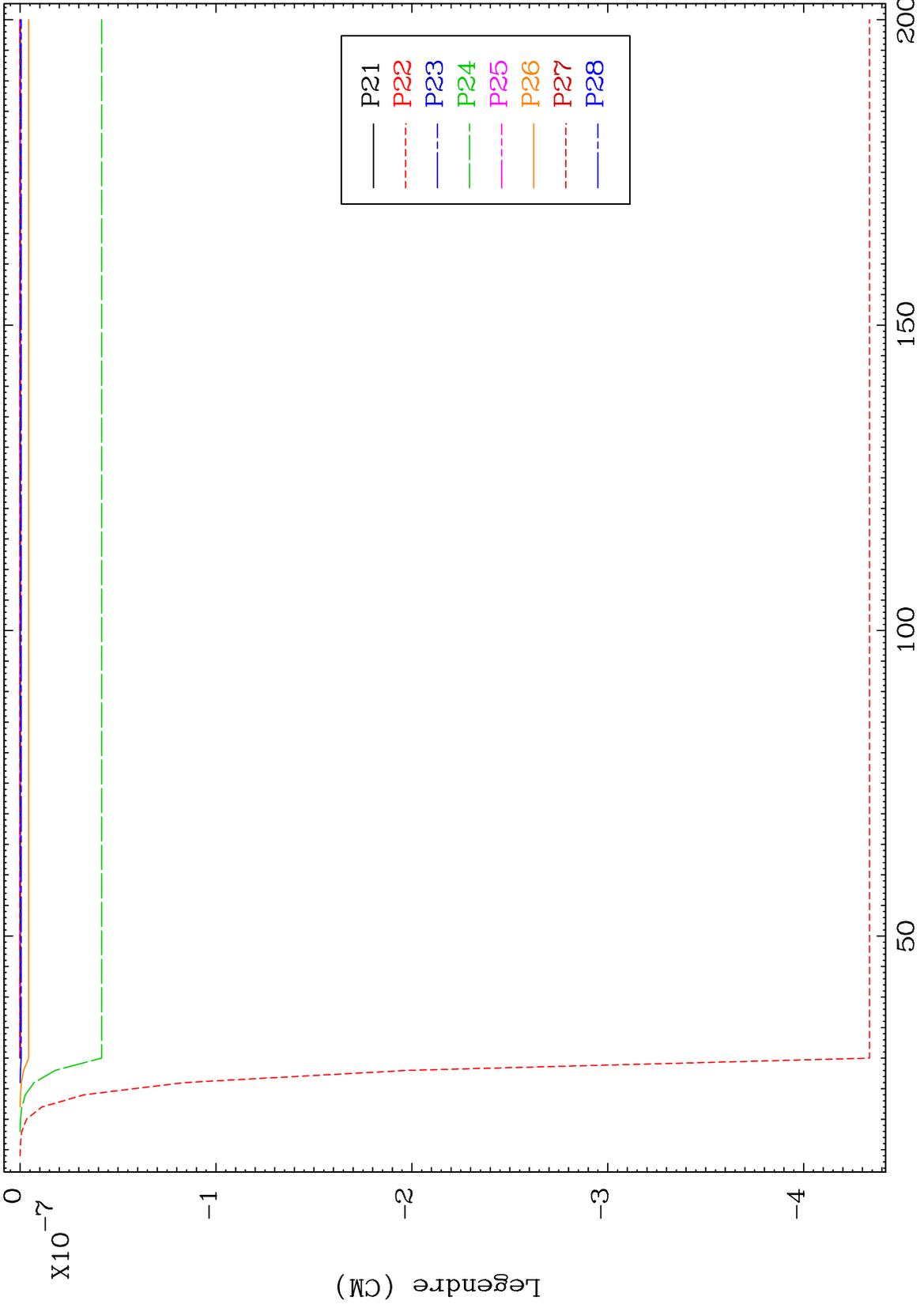
77

42-Mo-94

MAT 4231 MT= 66 (n,n') Level Legendre Coefficients 42-Mo-94



MAT 4231 MT= 66 (n,n') Level Legendre Coefficients 42-Mo-94

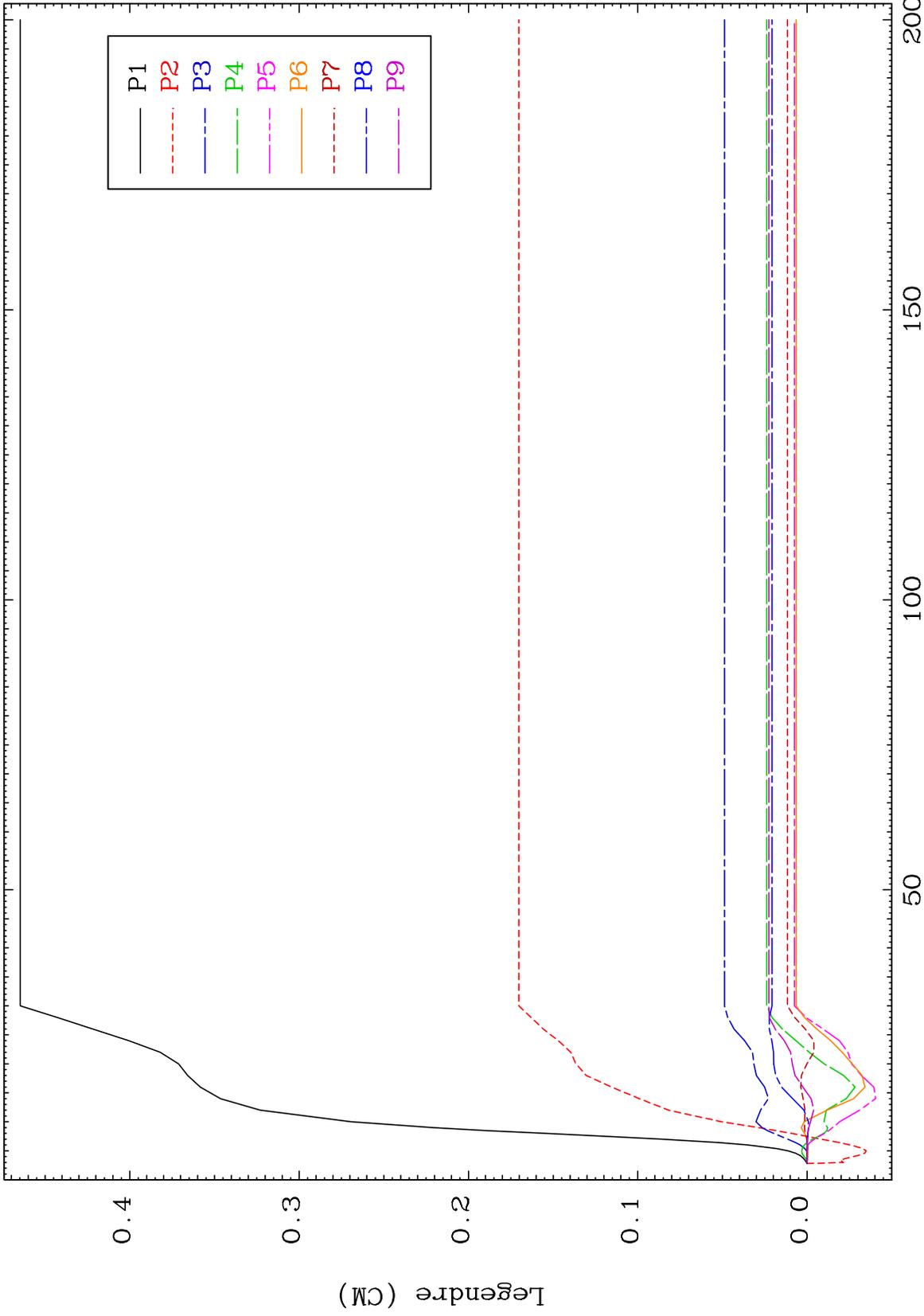


79 42-Mo-94

MAT 4231

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

42-Mo-94



80

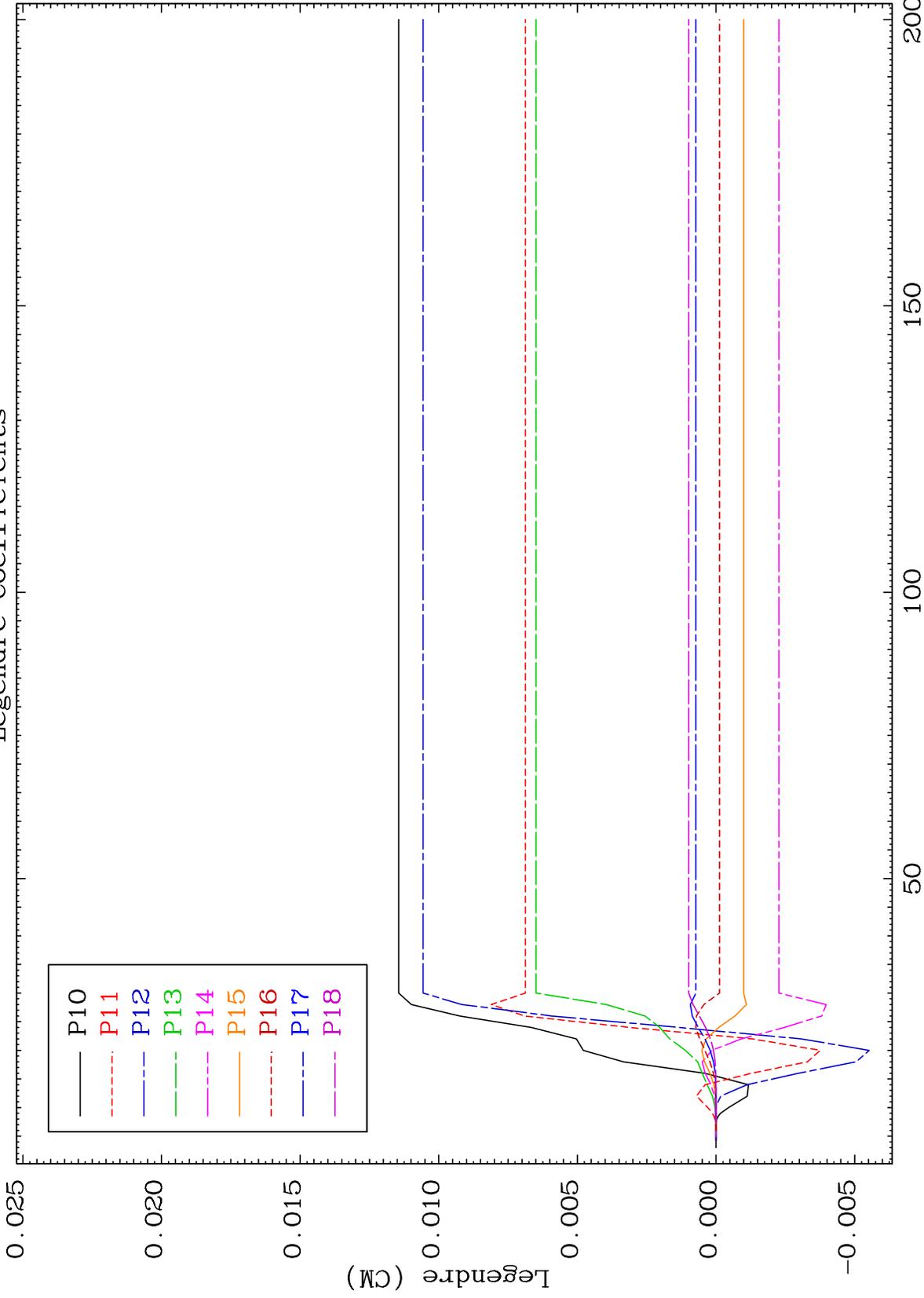
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



81

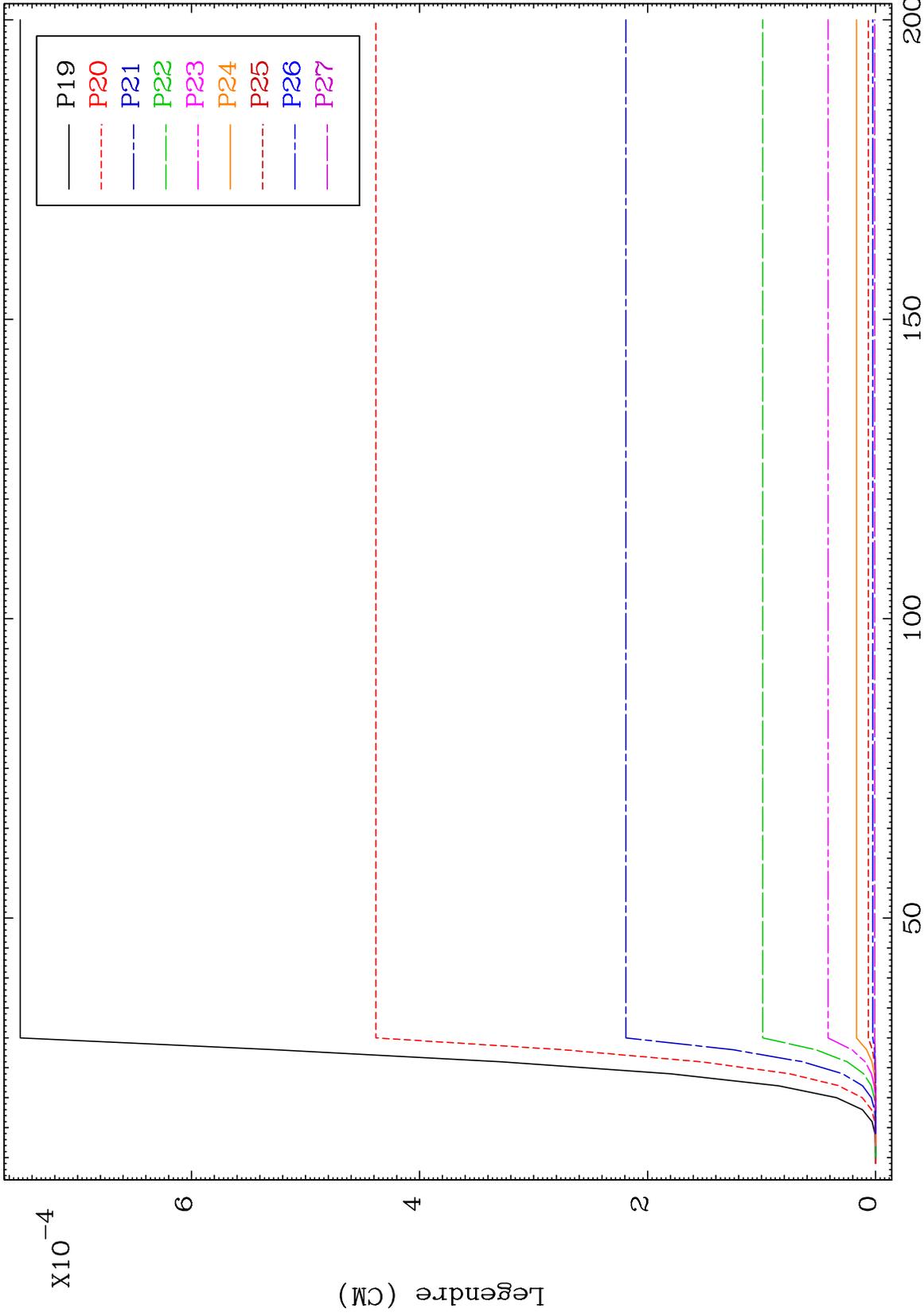
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



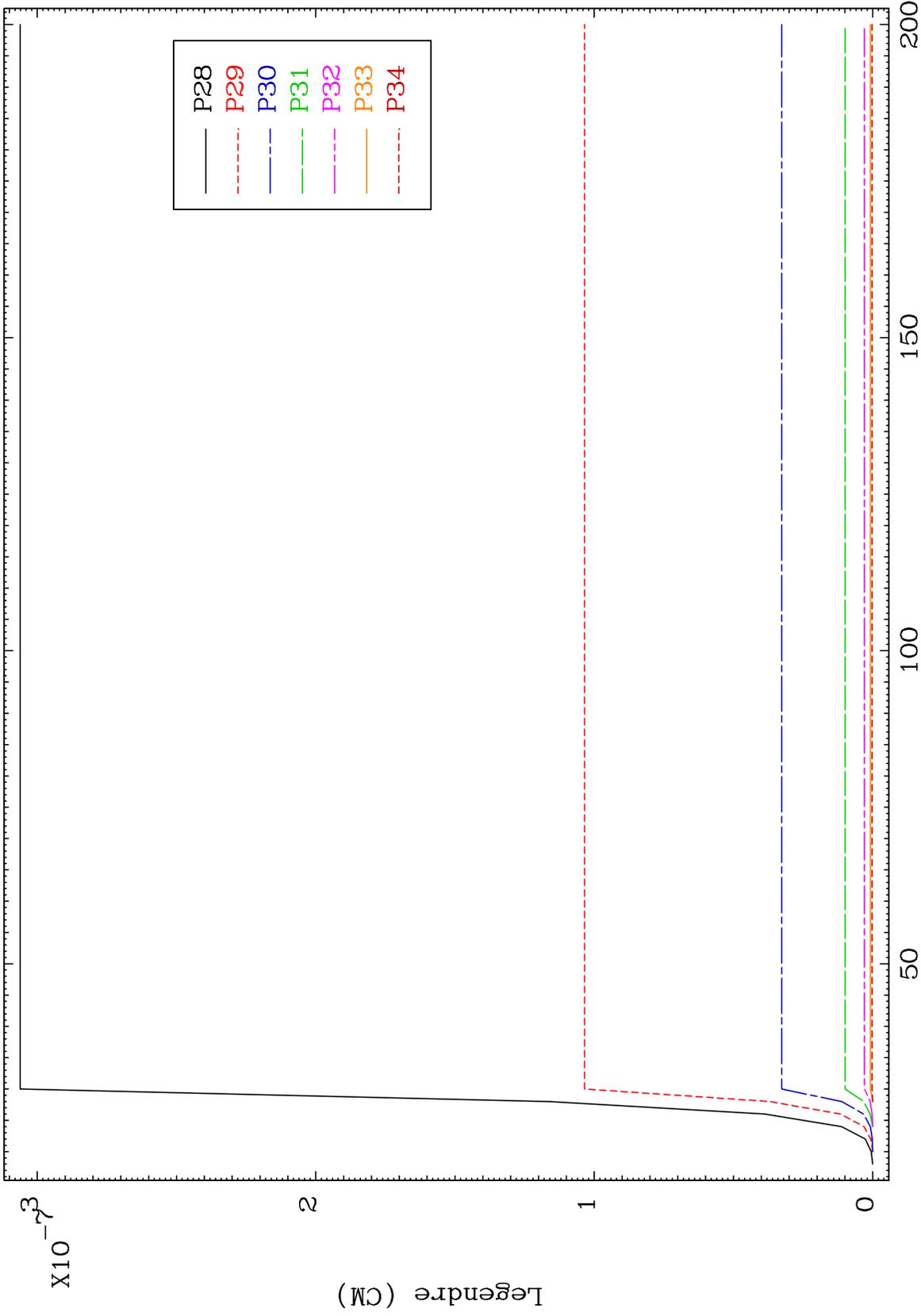
82

42-Mo-94

MAT 4231

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

42-Mo-94



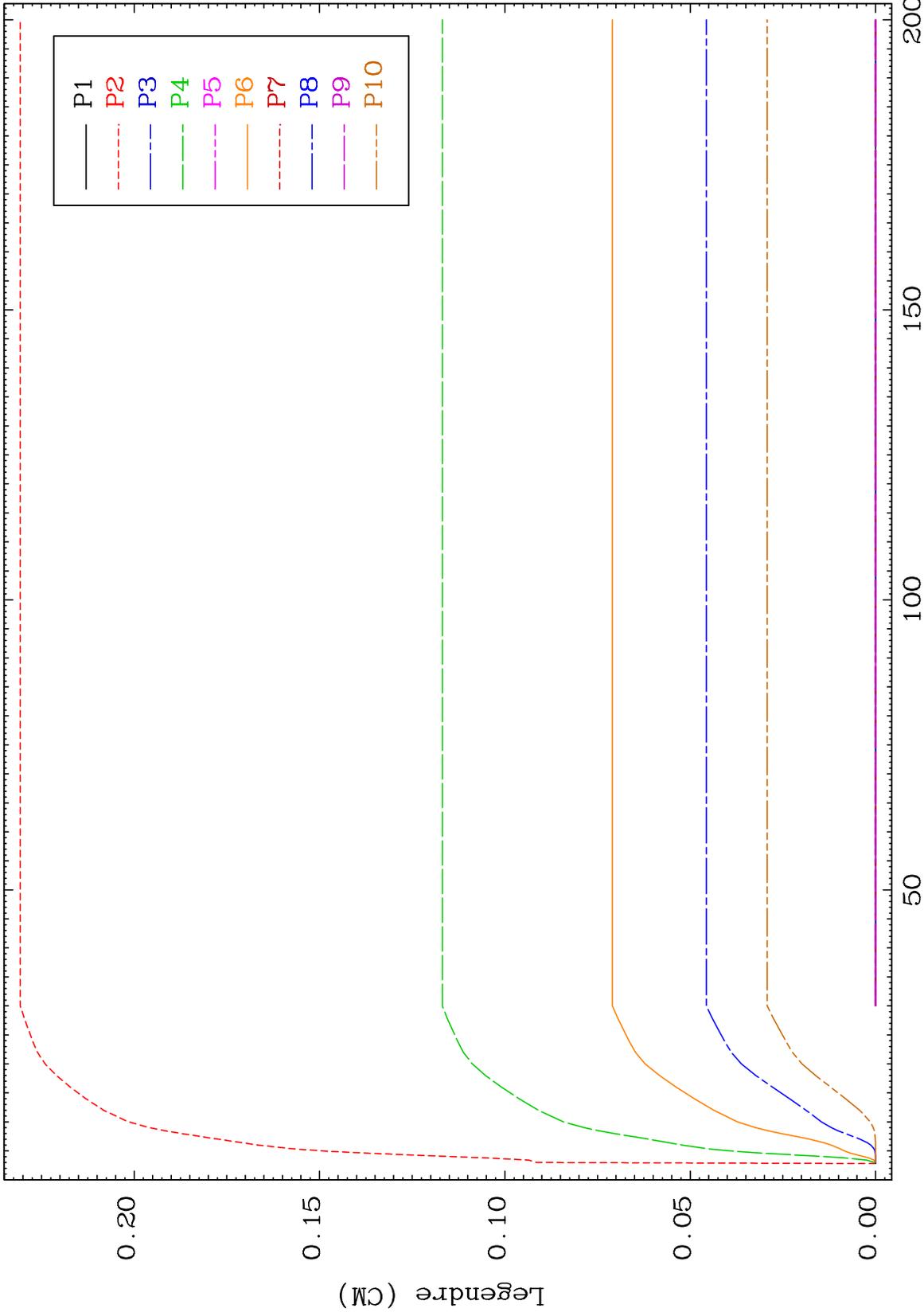
83

42-Mo-94

MAT 4231

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

42-Mo-94



84

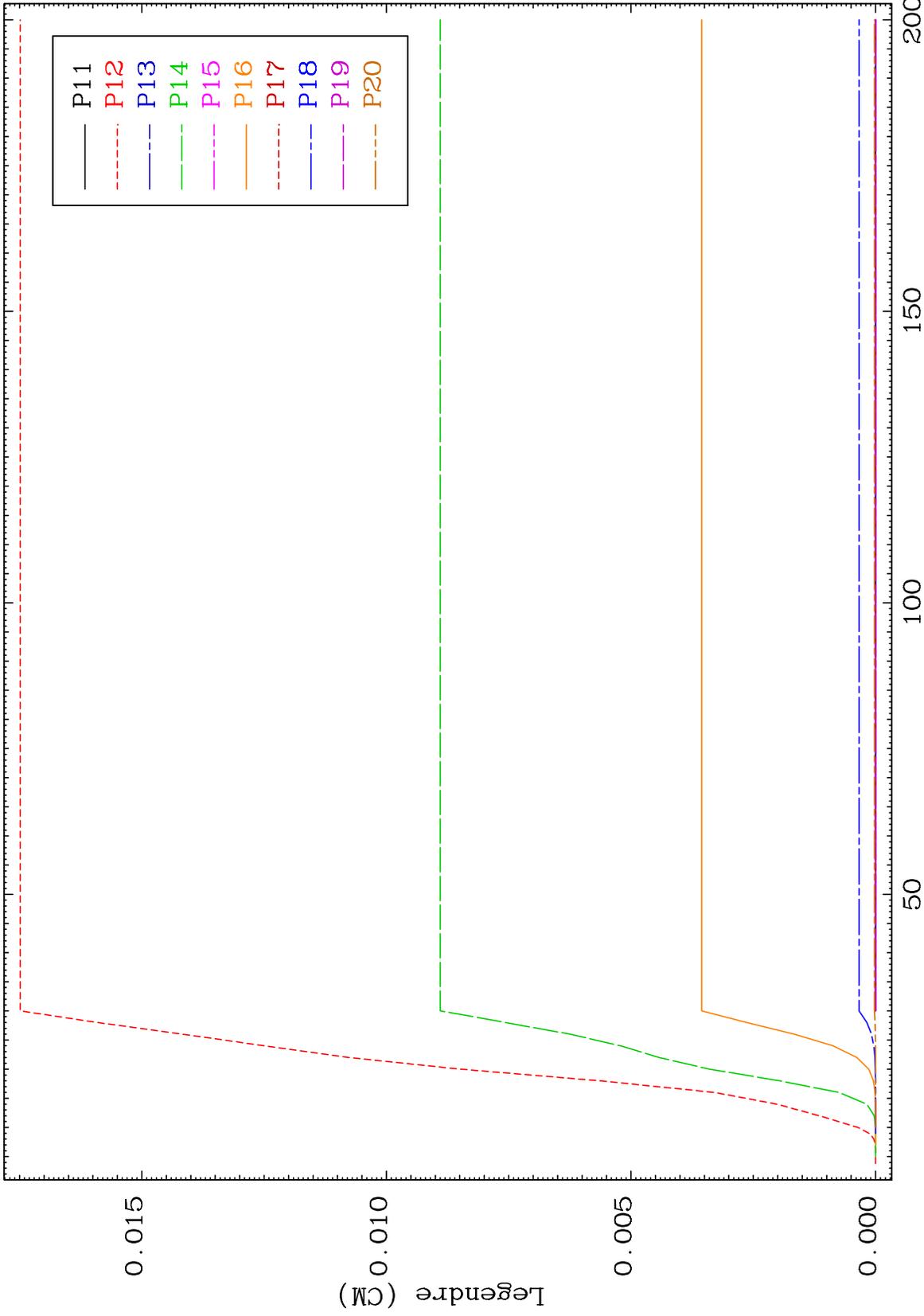
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94

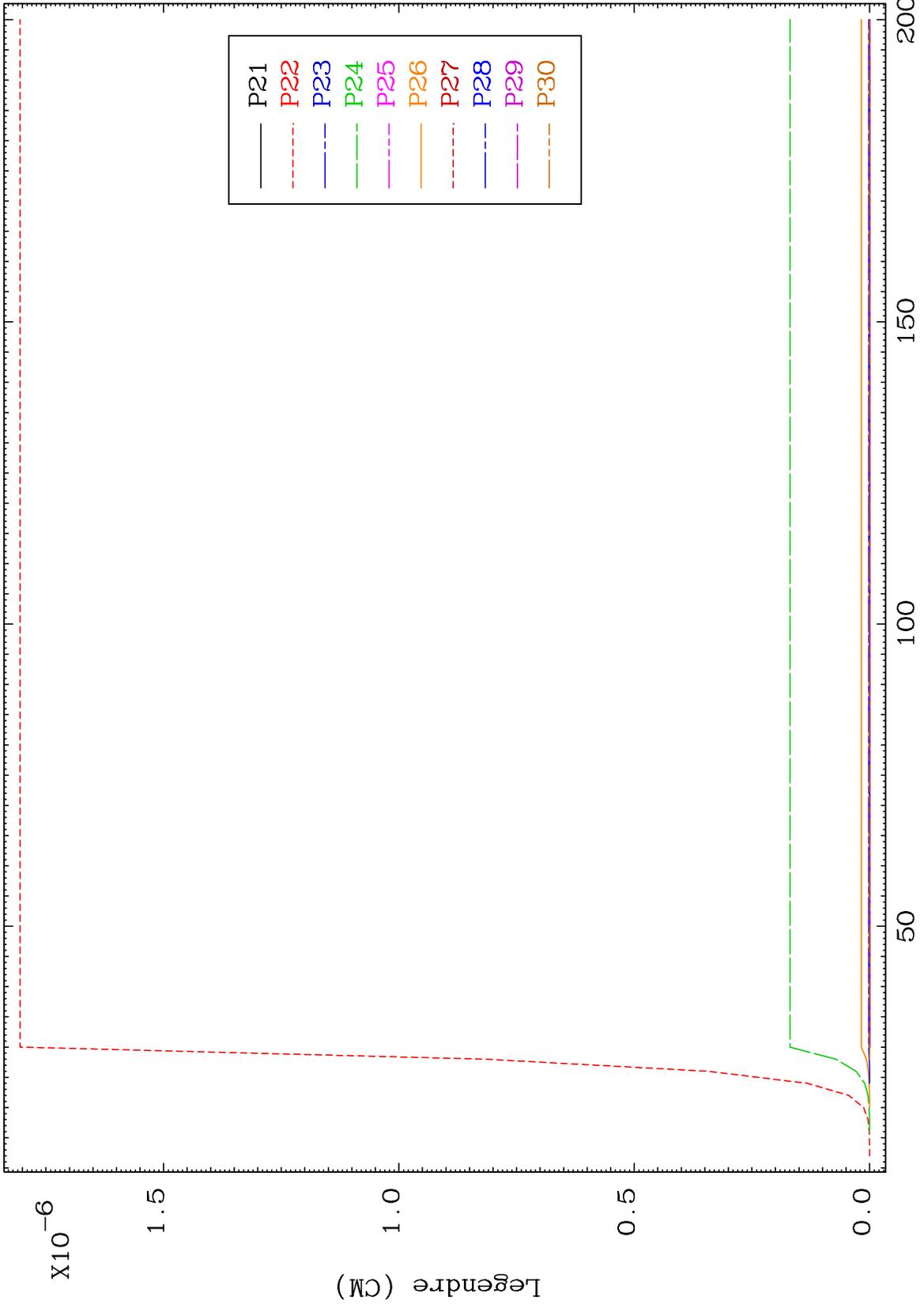


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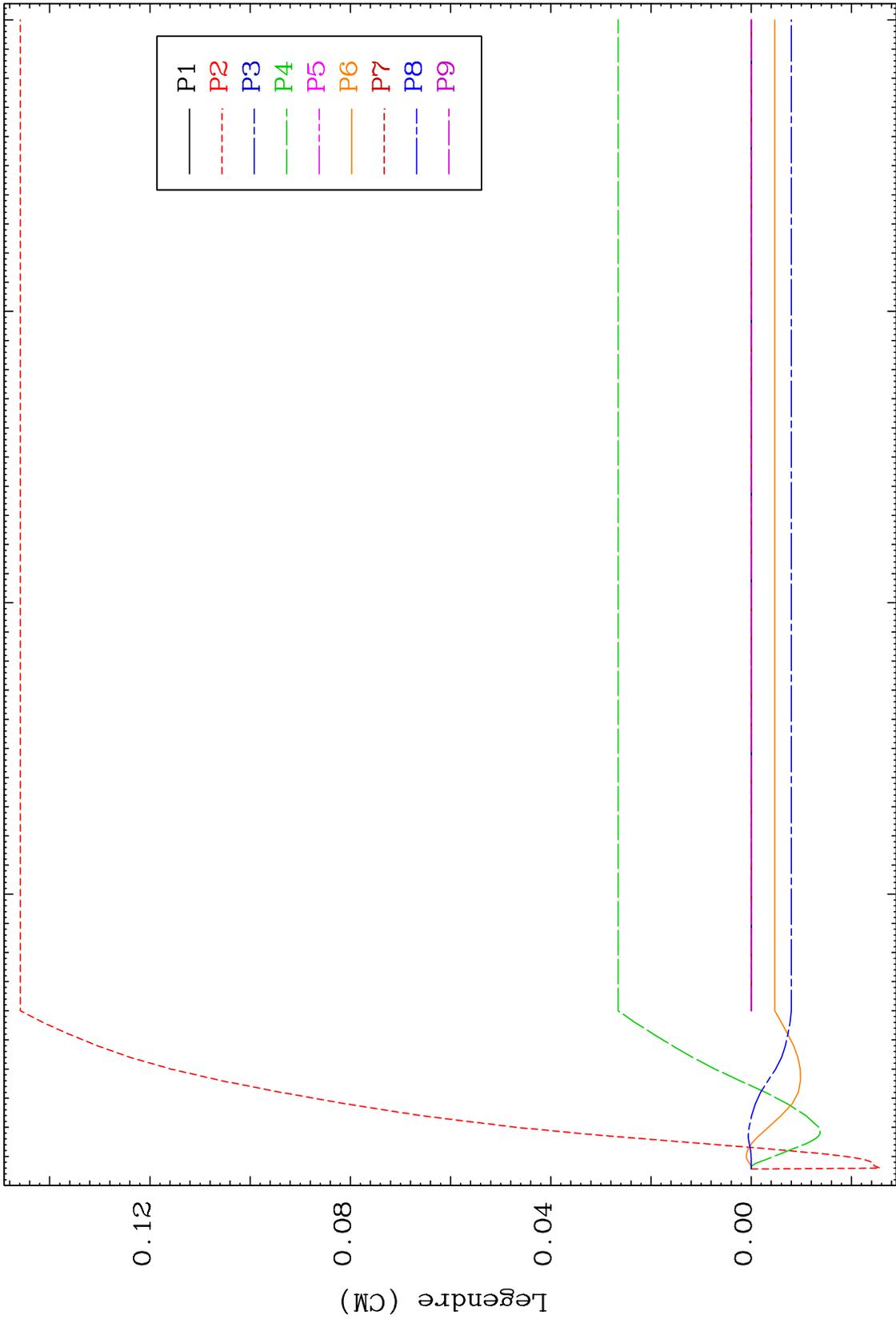
Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 68 (n,n') Level Legendre Coefficients 42-Mo-94



MAT 4231 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-94

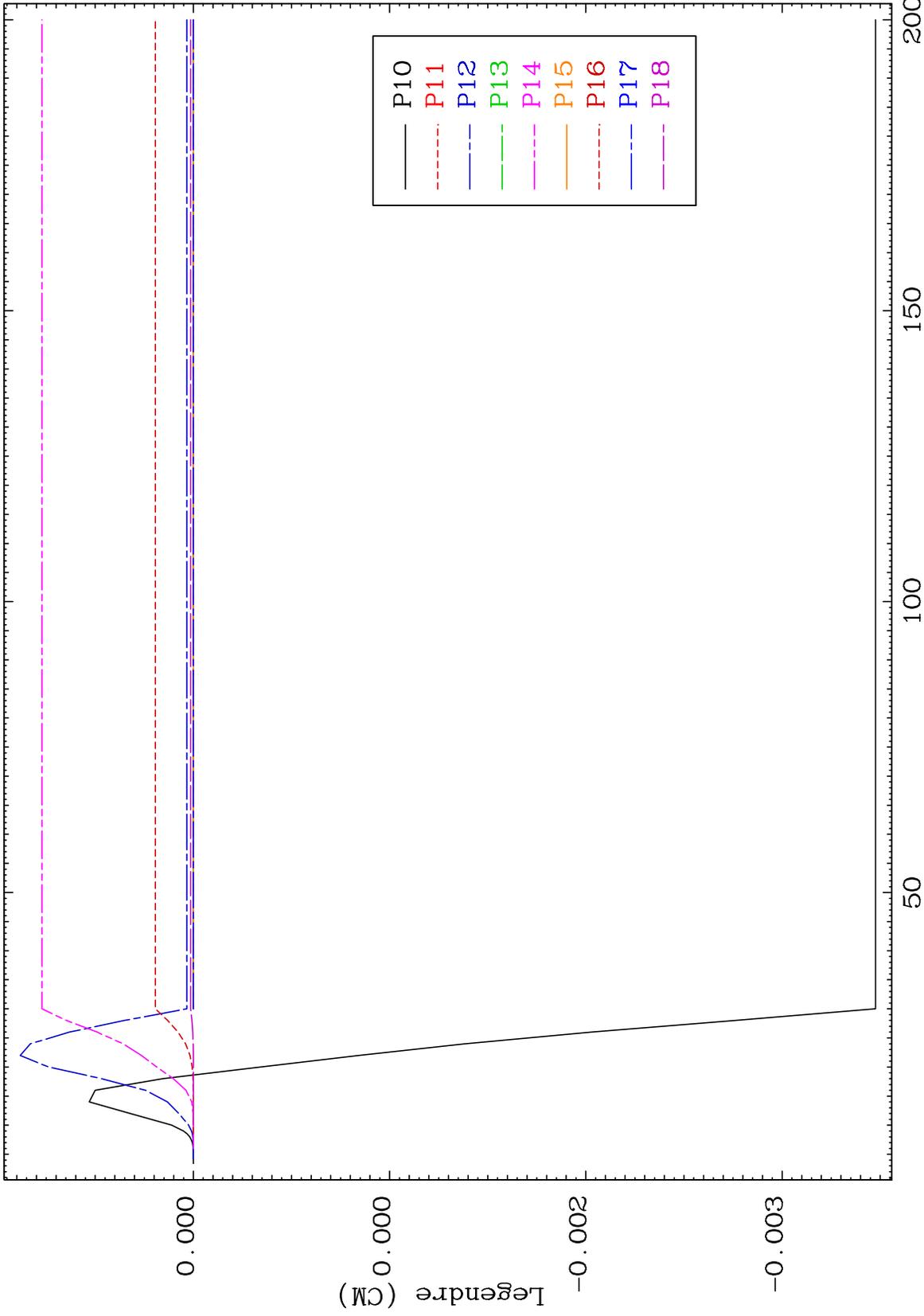


87 42-Mo-94

MAT 4231

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

42-Mo-94

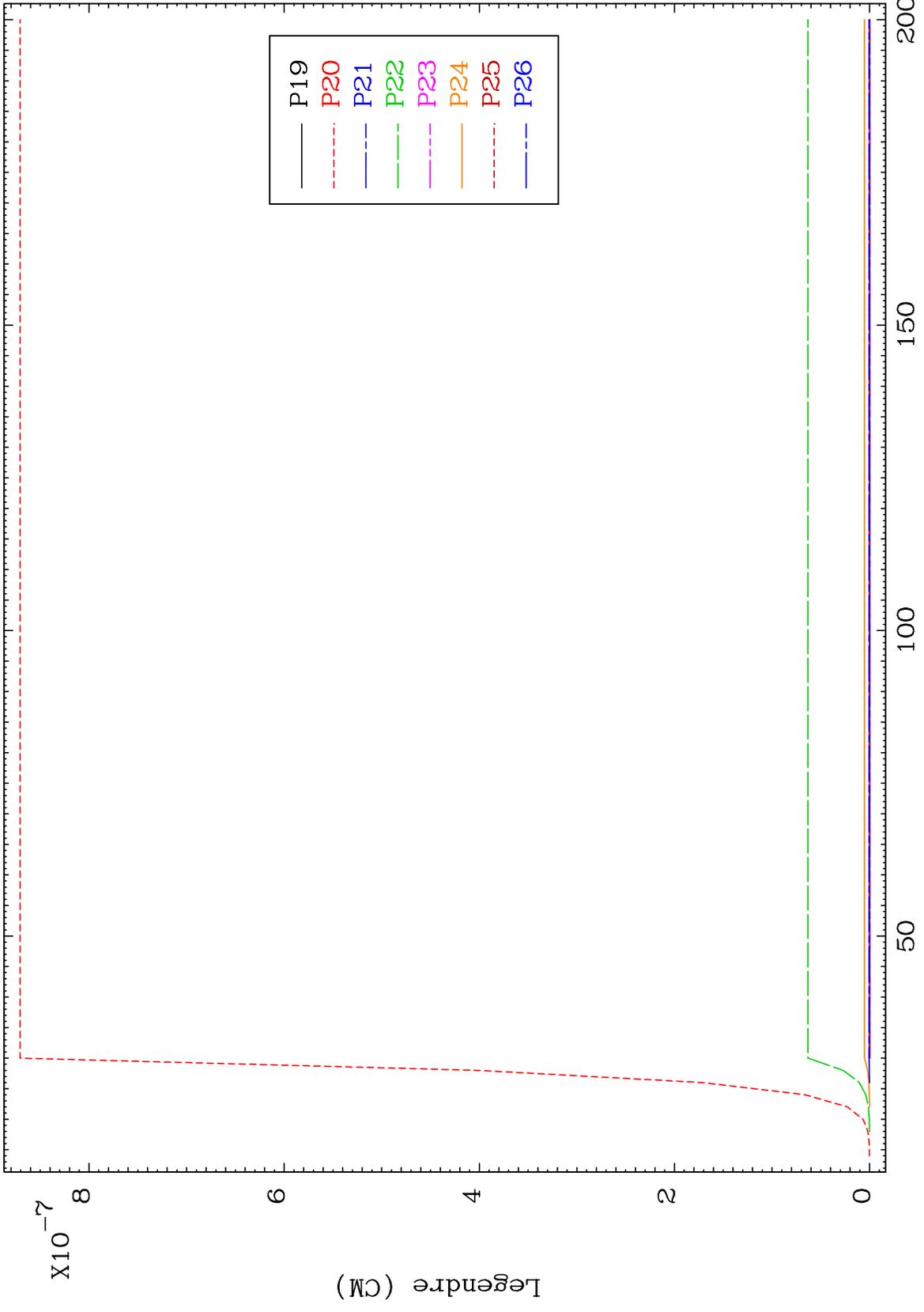


88

Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 69 (n,n') Level Legendre Coefficients 42-Mo-94

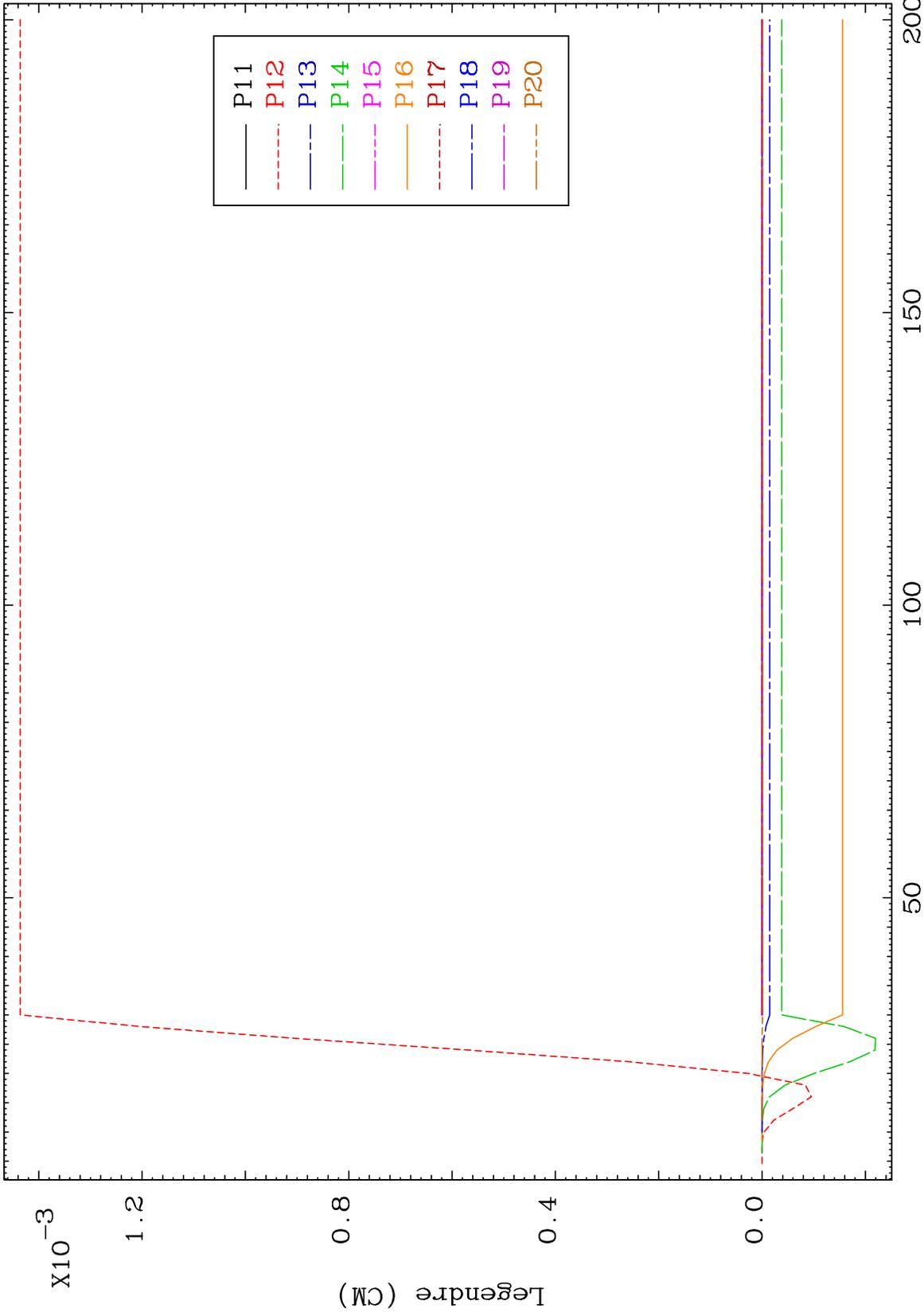


89 42-Mo-94

MAT 4231

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

42-Mo-94



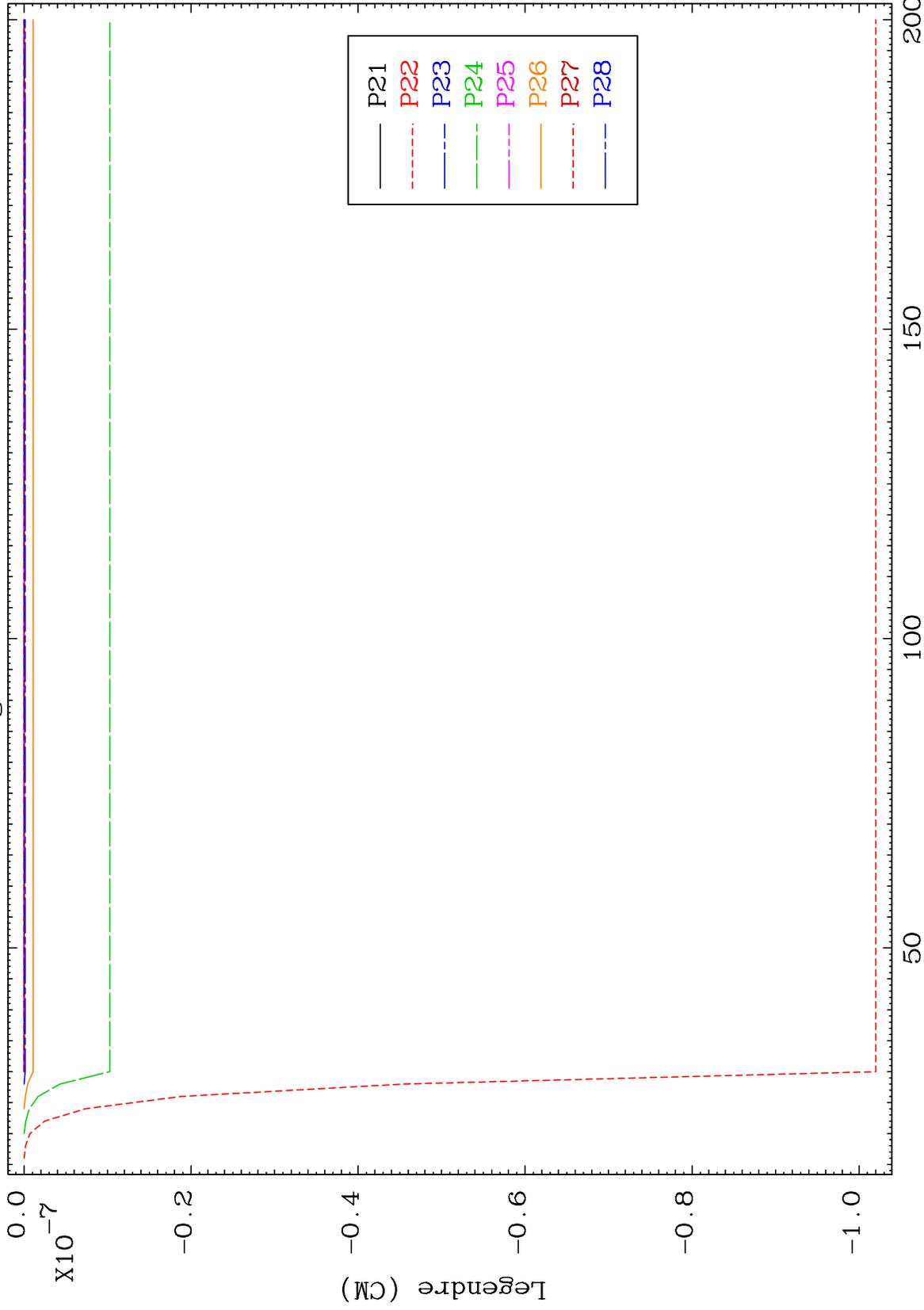
91

42-Mo-94

MAT 4231

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

42-Mo-94

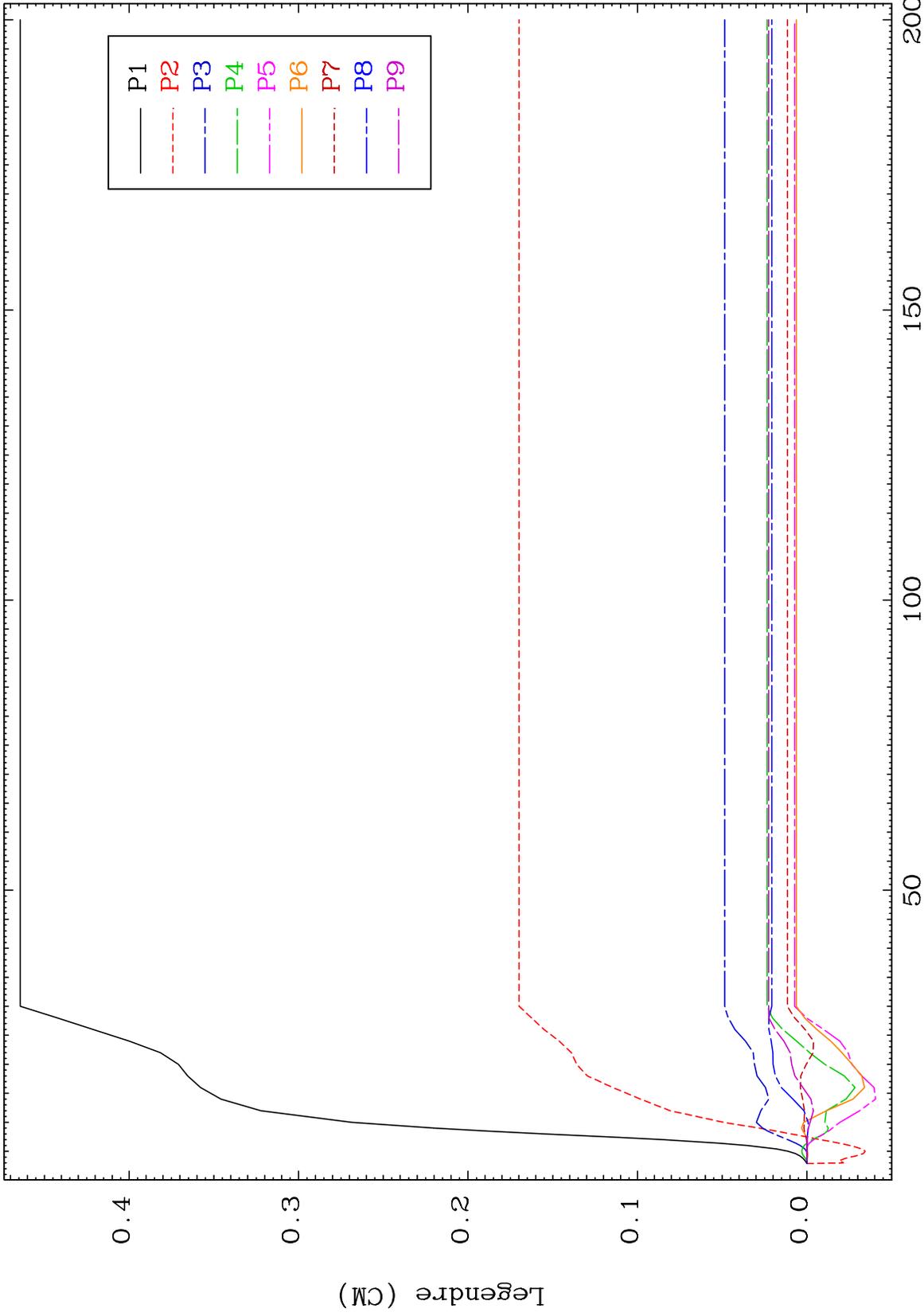


92

MAT 4231

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

42-Mo-94



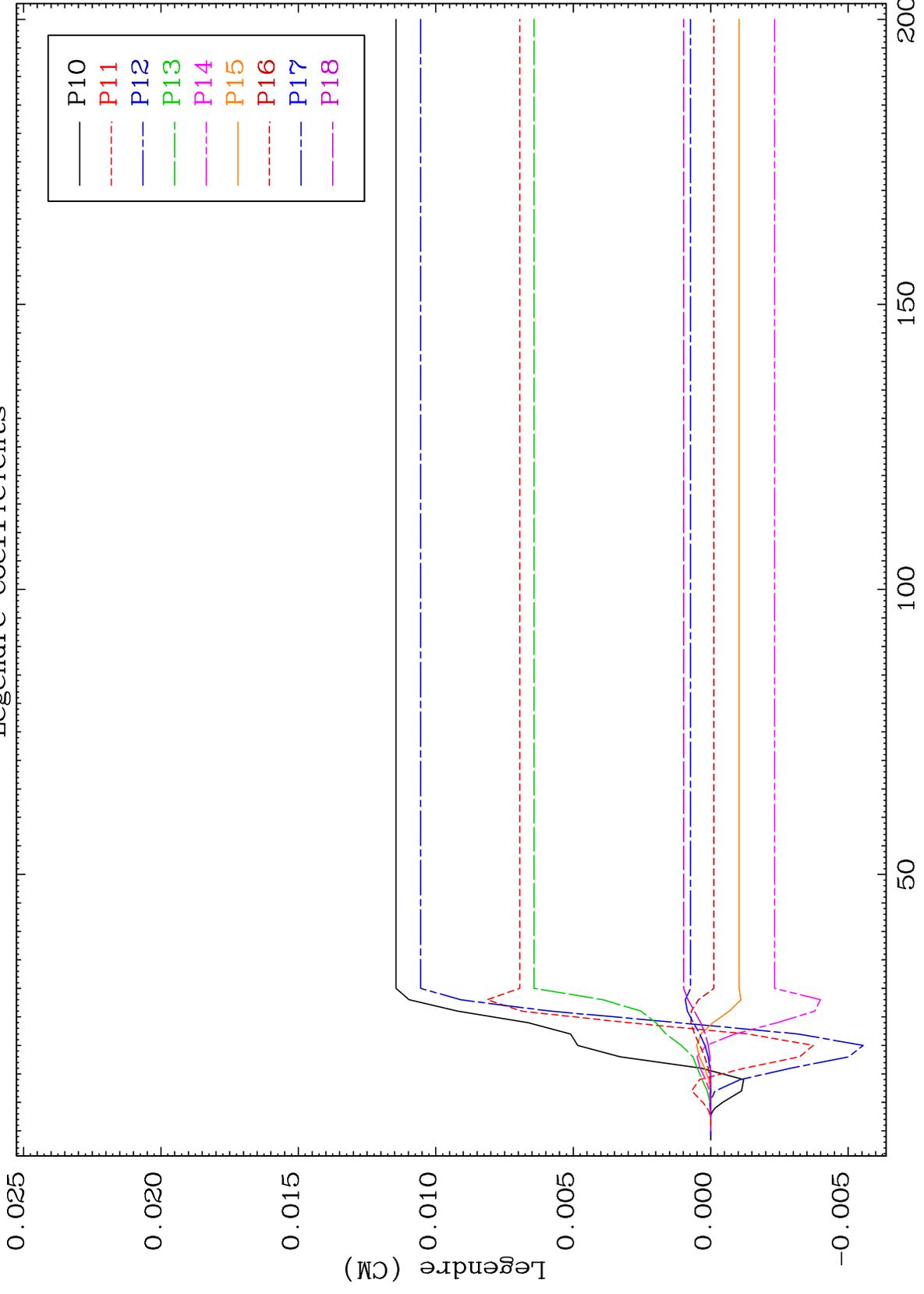
93

Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 71 (n,n') Level Legendre Coefficients

42-Mo-94



42-Mo-94

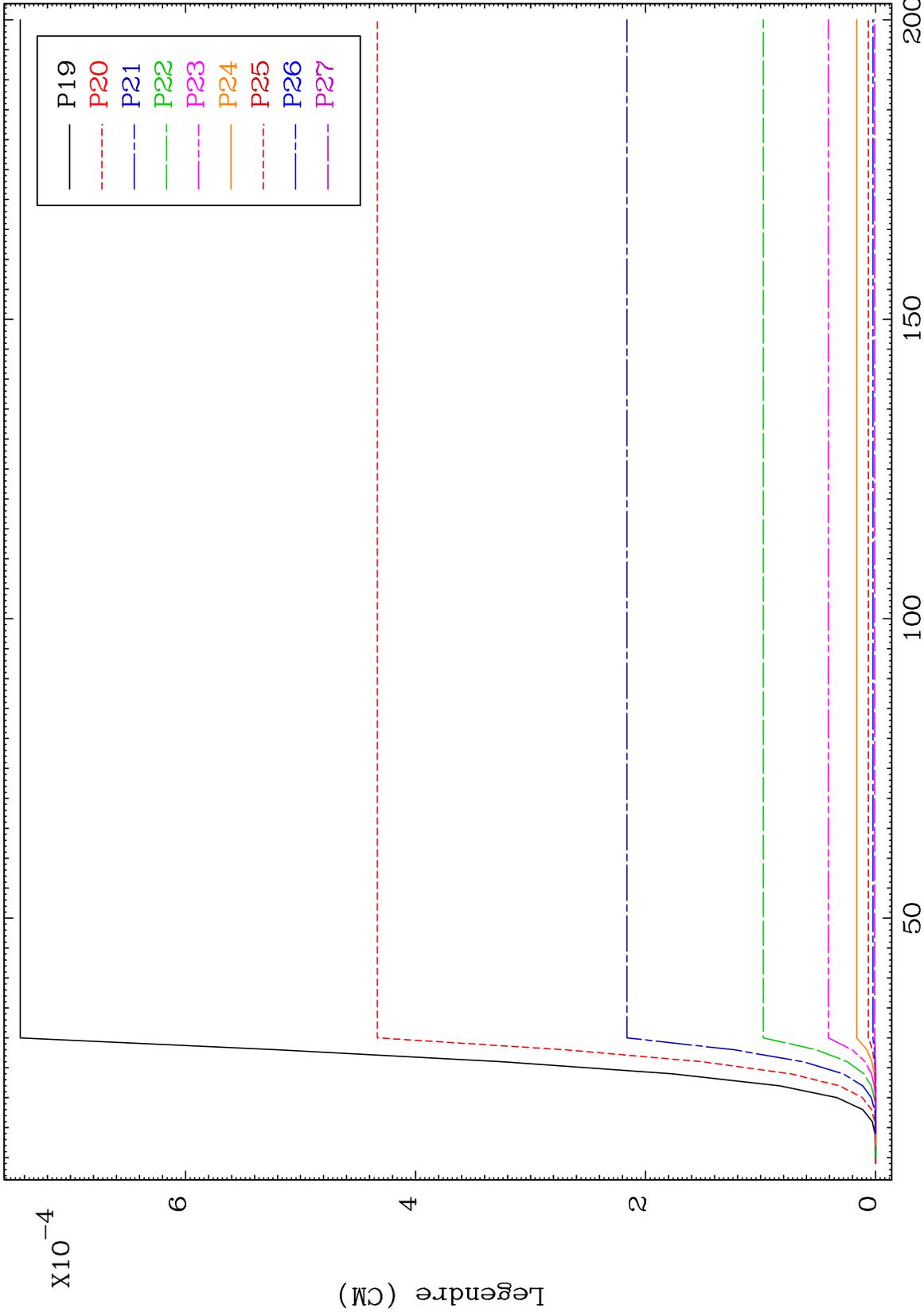
Incident Energy (MeV)

94

MAT 4231

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

42-Mo-94



95

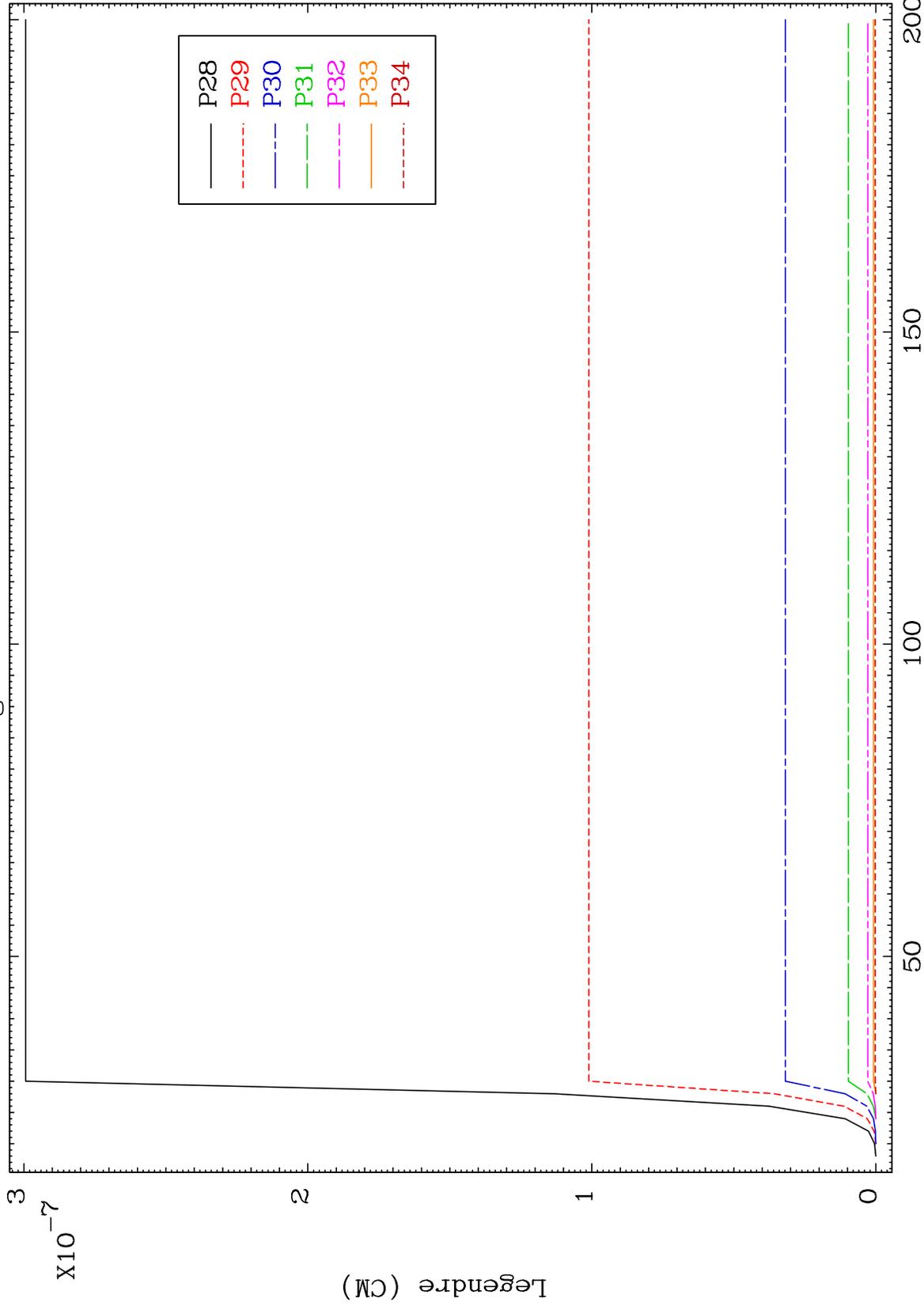
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



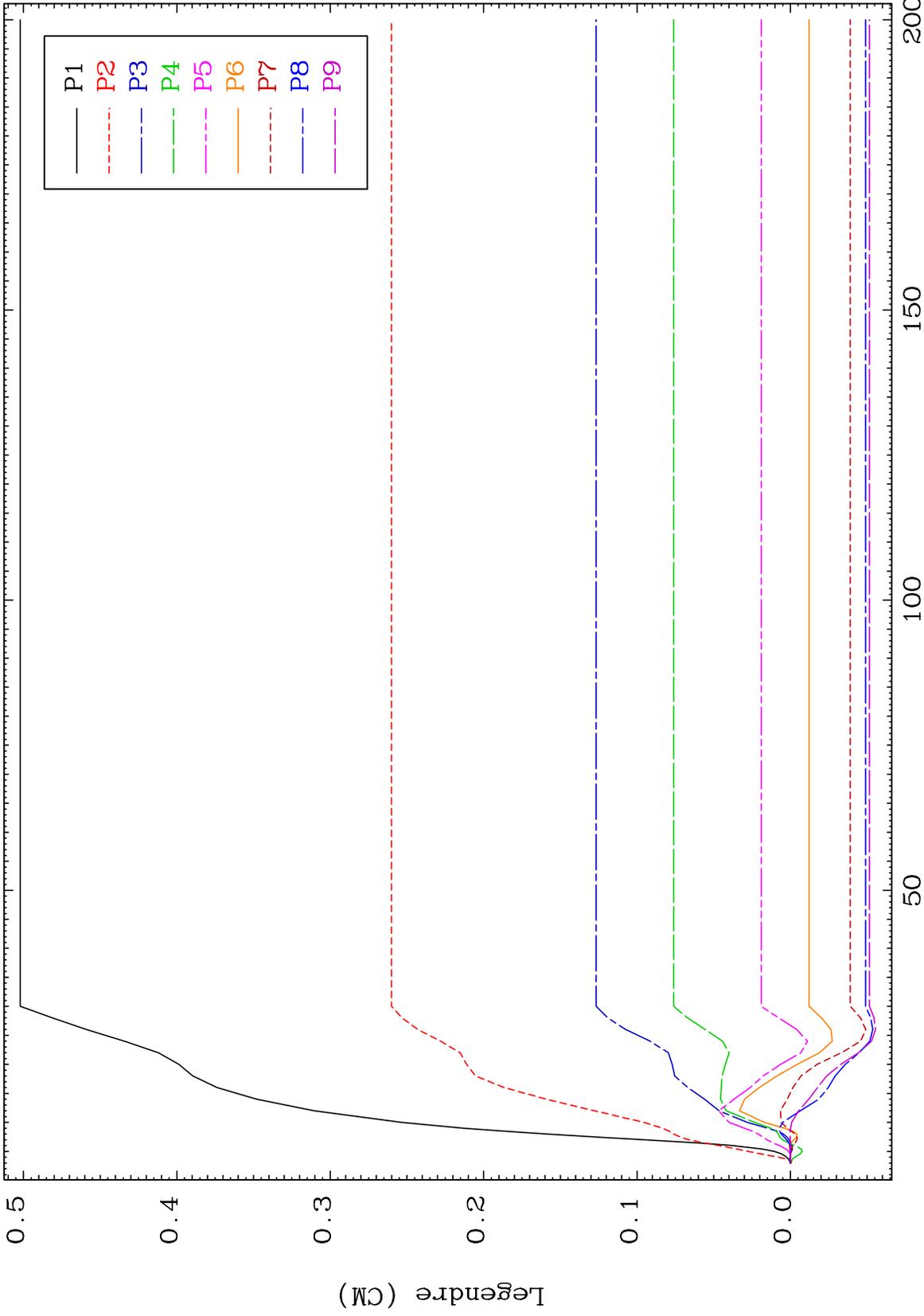
96

42-Mo-94

MAT 4231

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

42-Mo-94



97

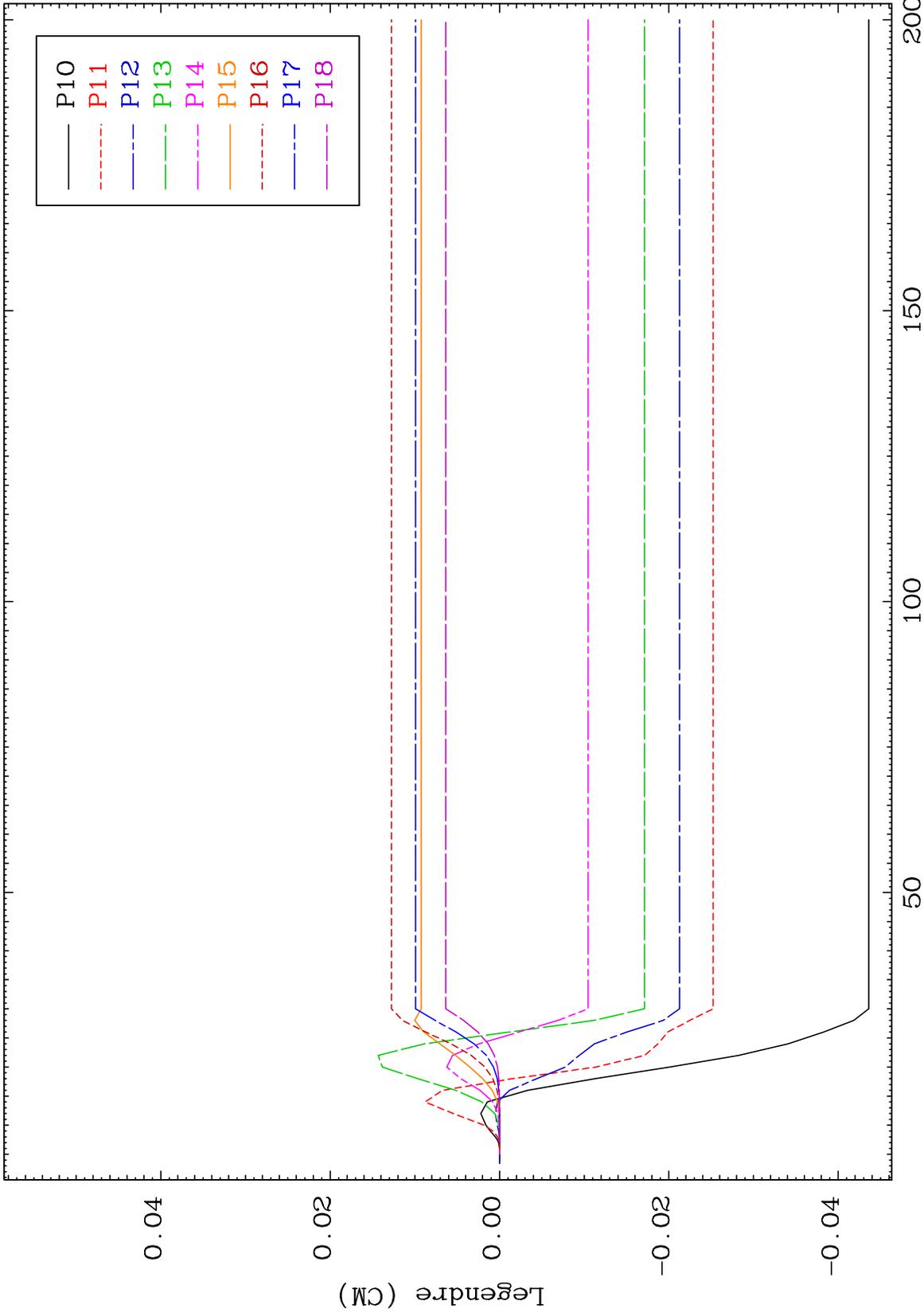
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42-Mo-94

MAT 4231

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

42-Mo-94



98

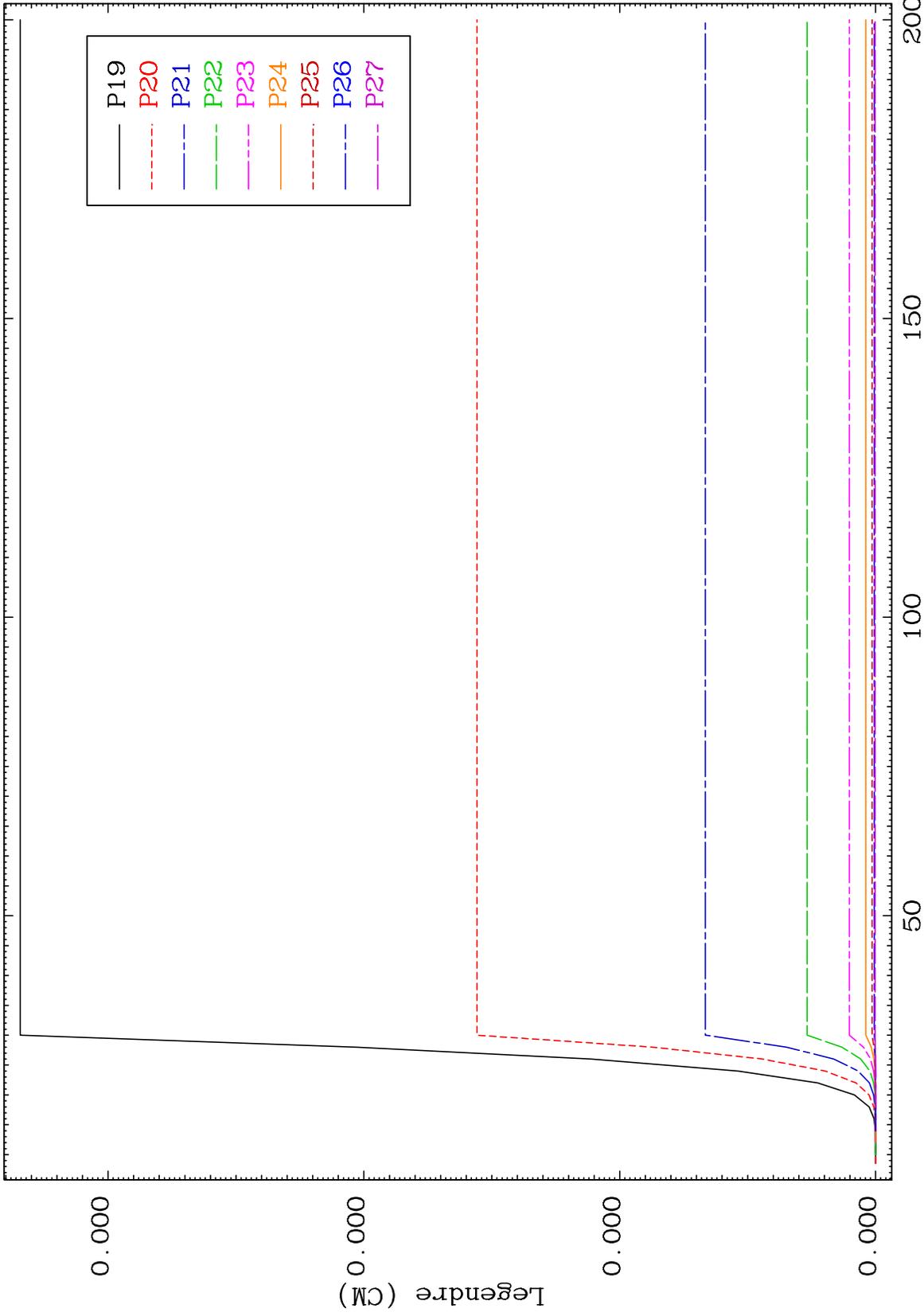
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



99

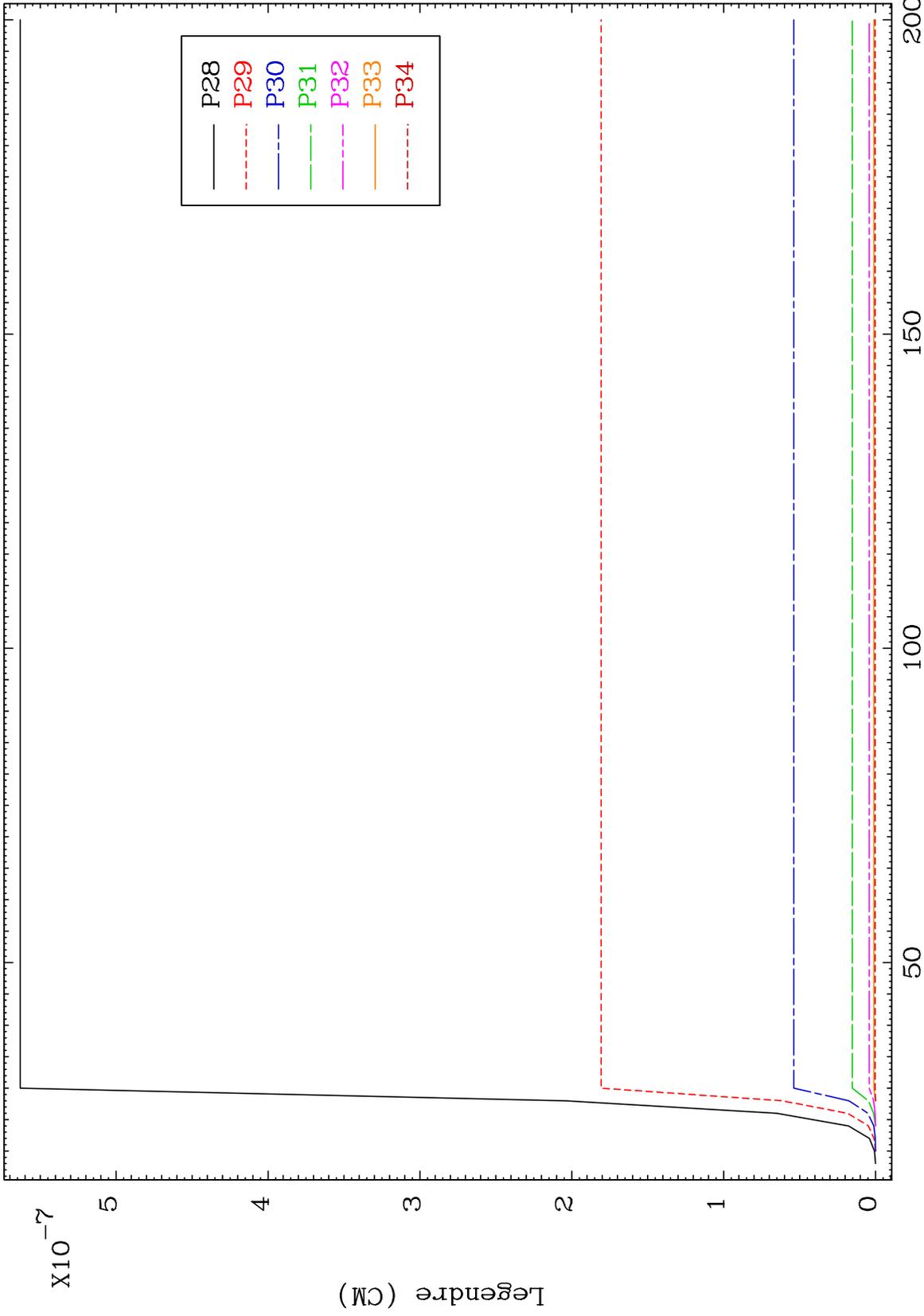
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



42-Mo-94

Incident Energy (MeV)

100

50

100

150

200

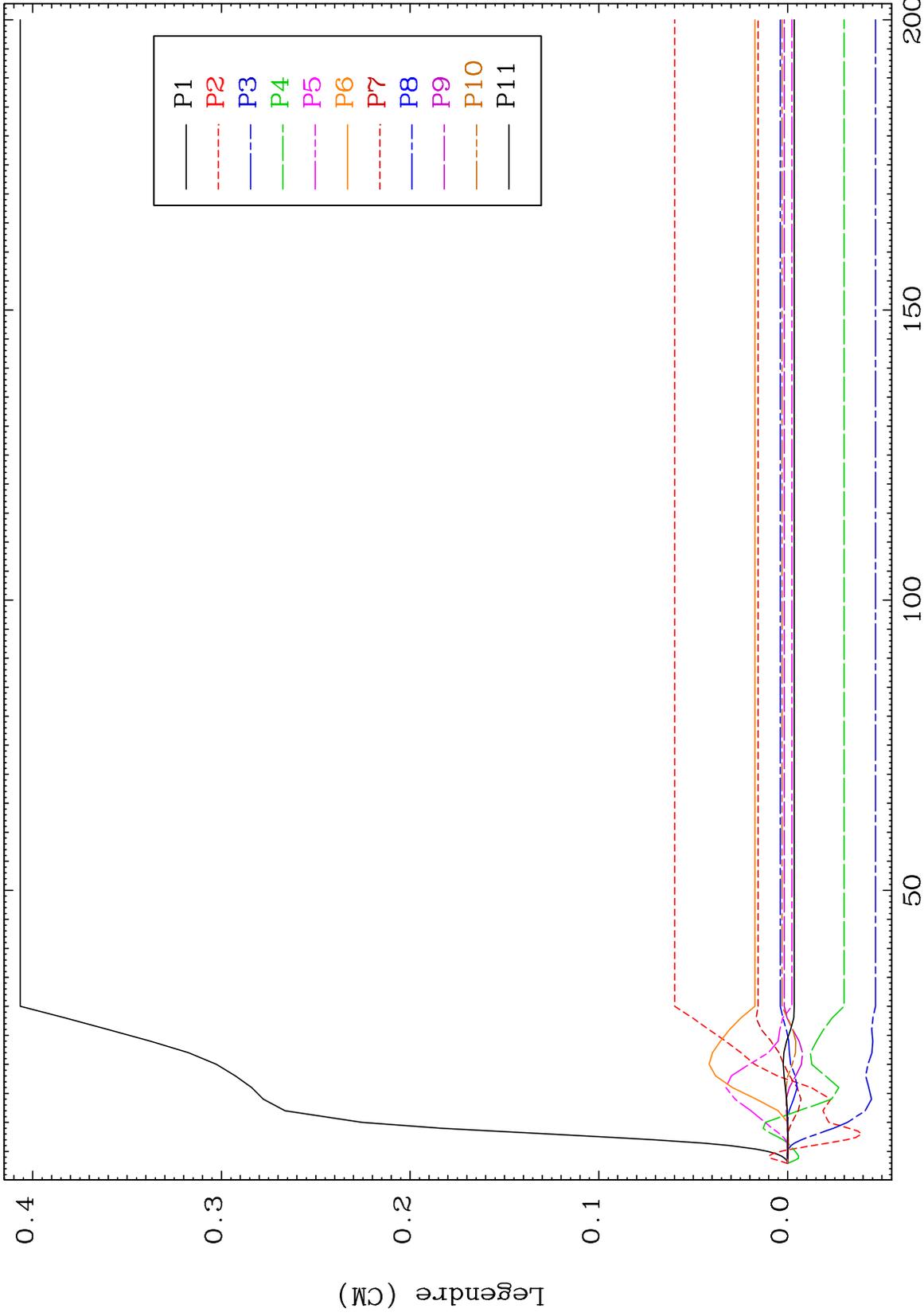
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Legendre (CM)

MAT 4231

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

42-Mo-94



101

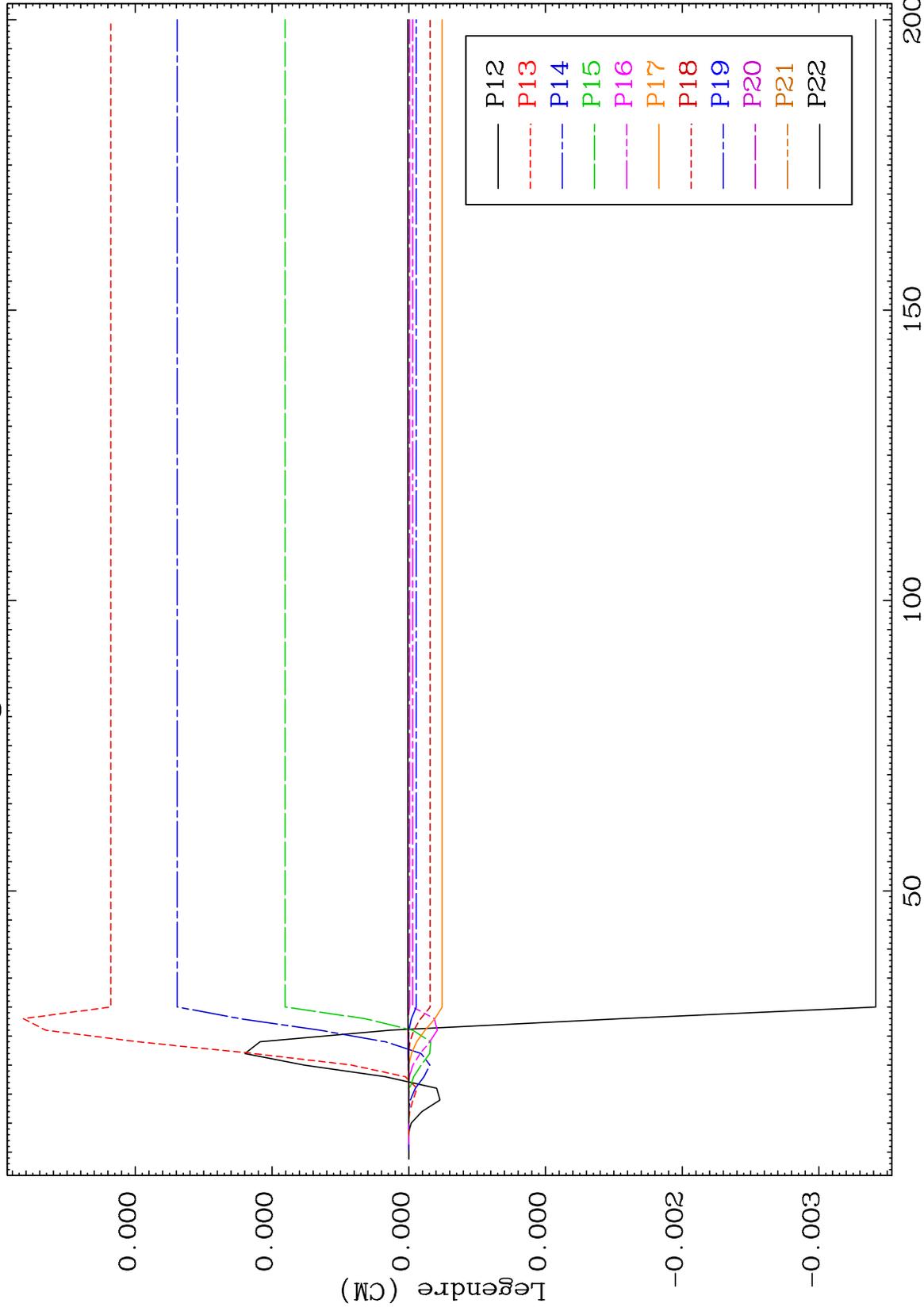
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



102

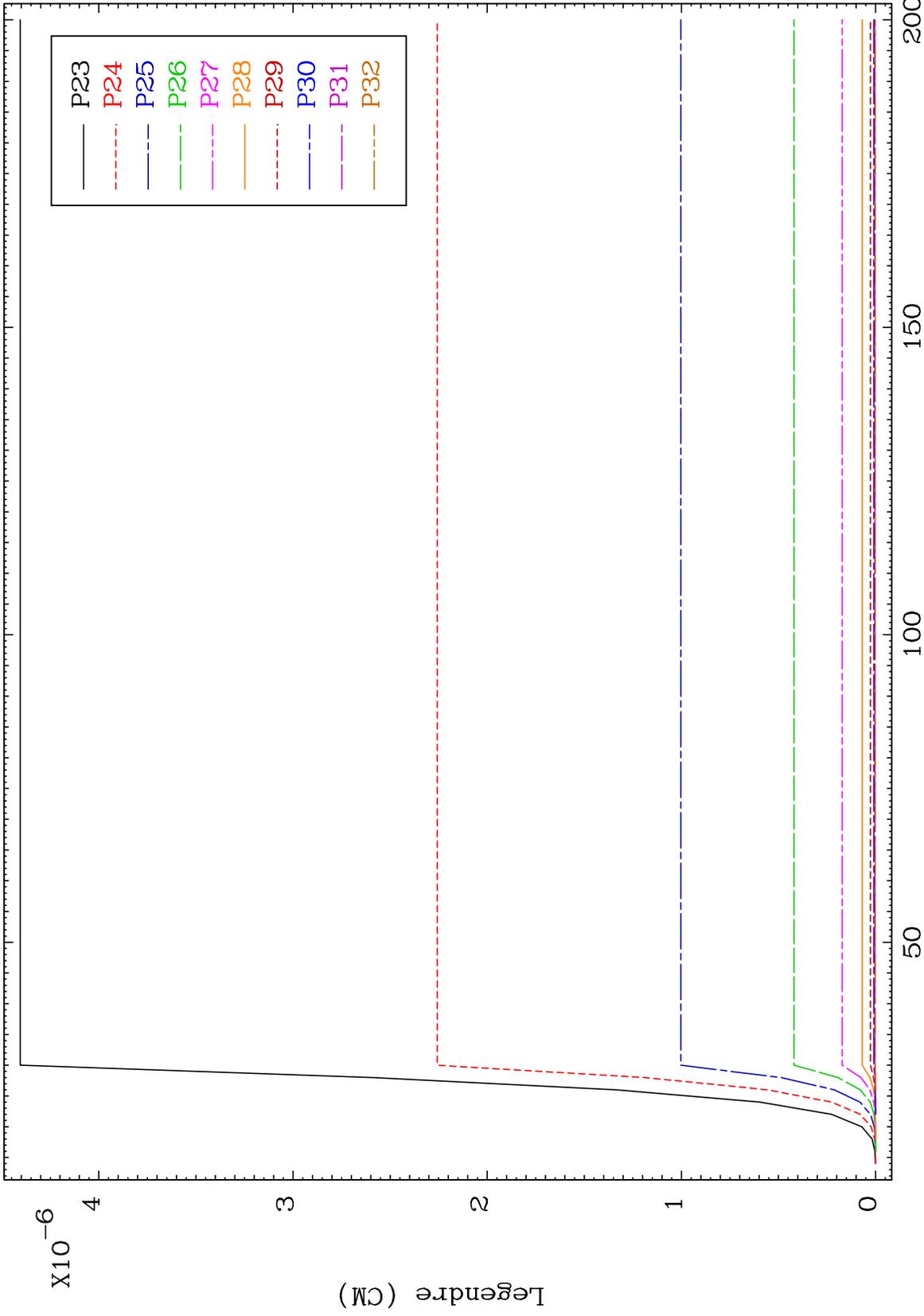
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



103

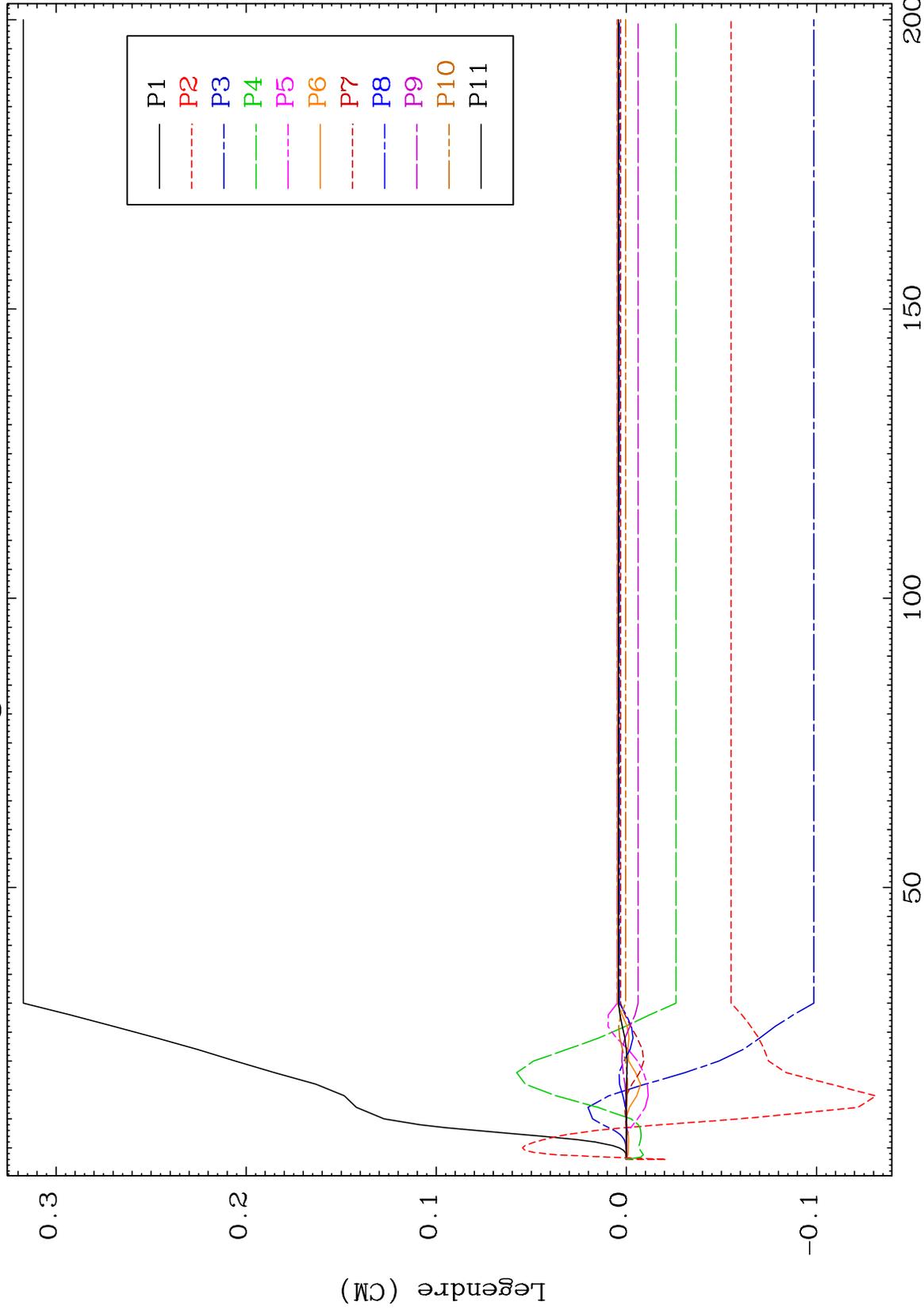
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



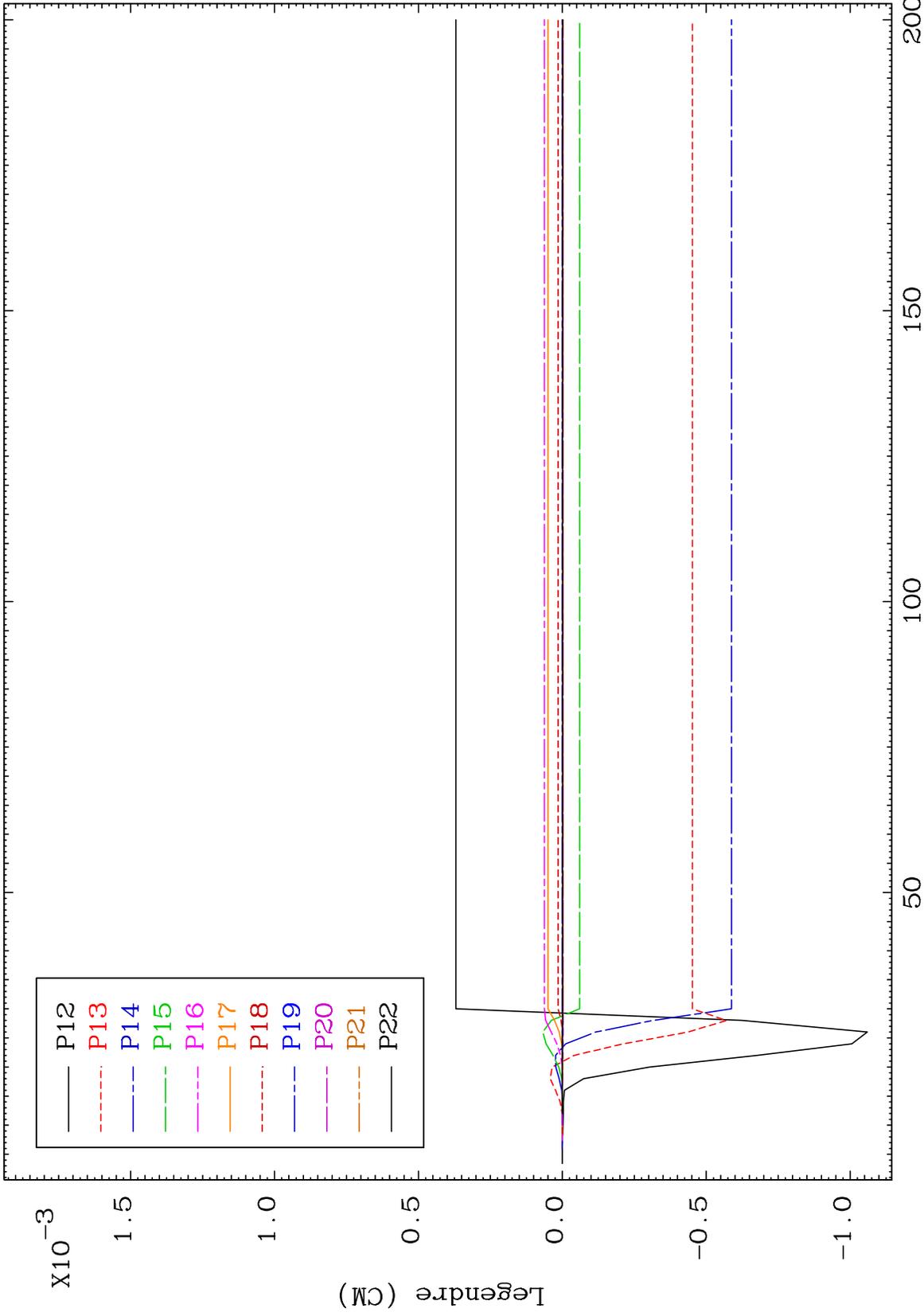
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42-Mo-94

MAT 4231

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

42-Mo-94



105

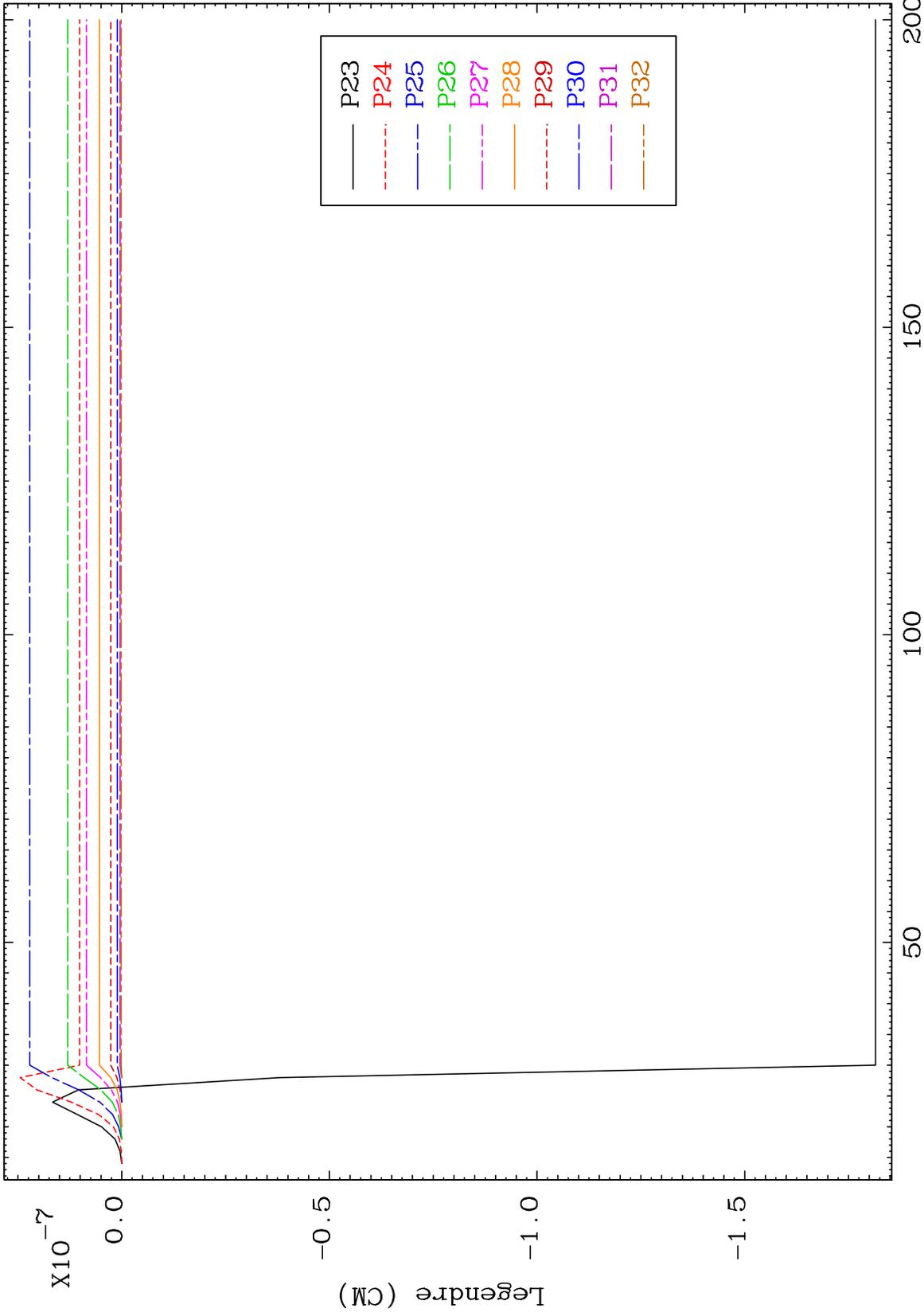
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



106

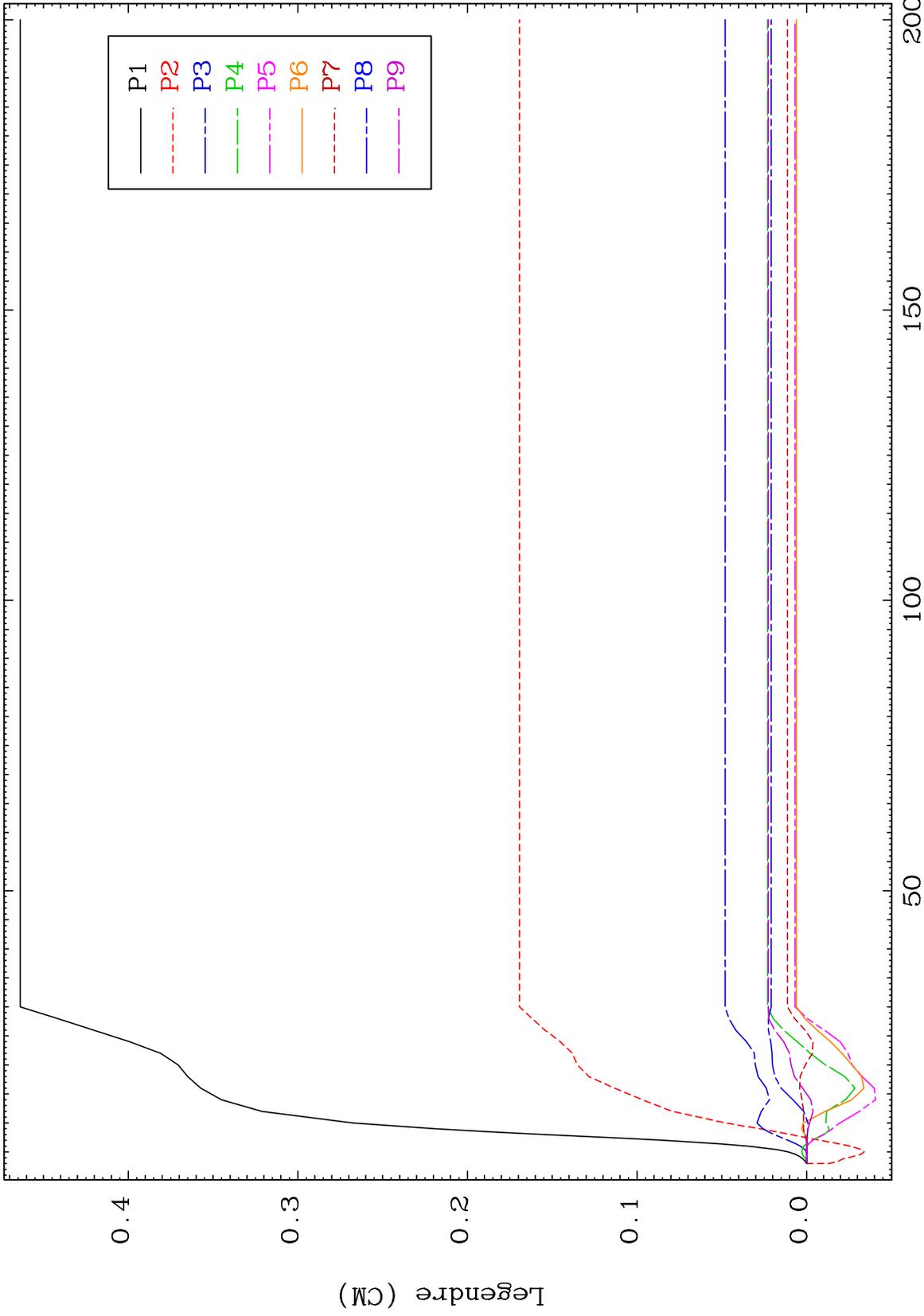
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



107

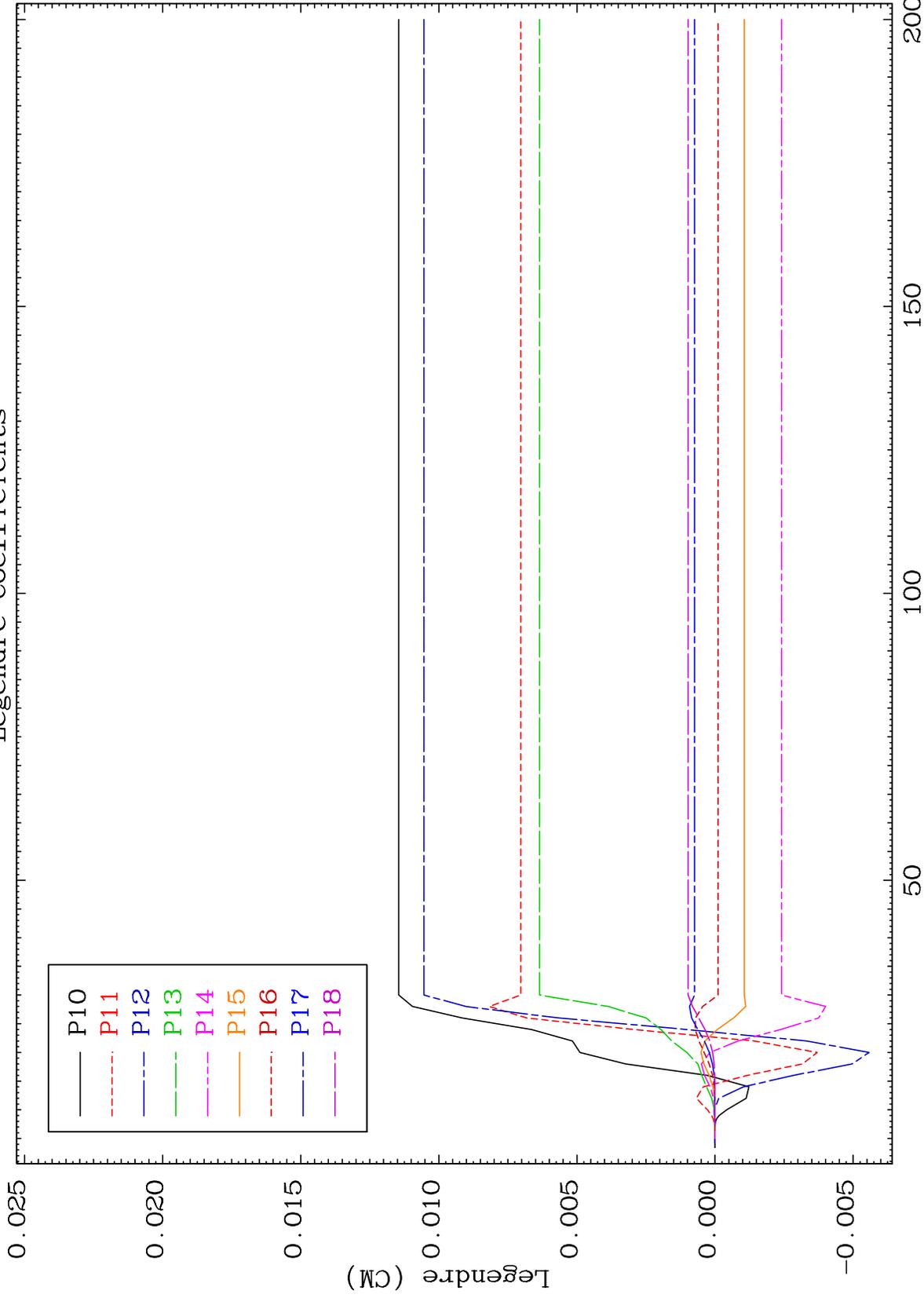
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



108

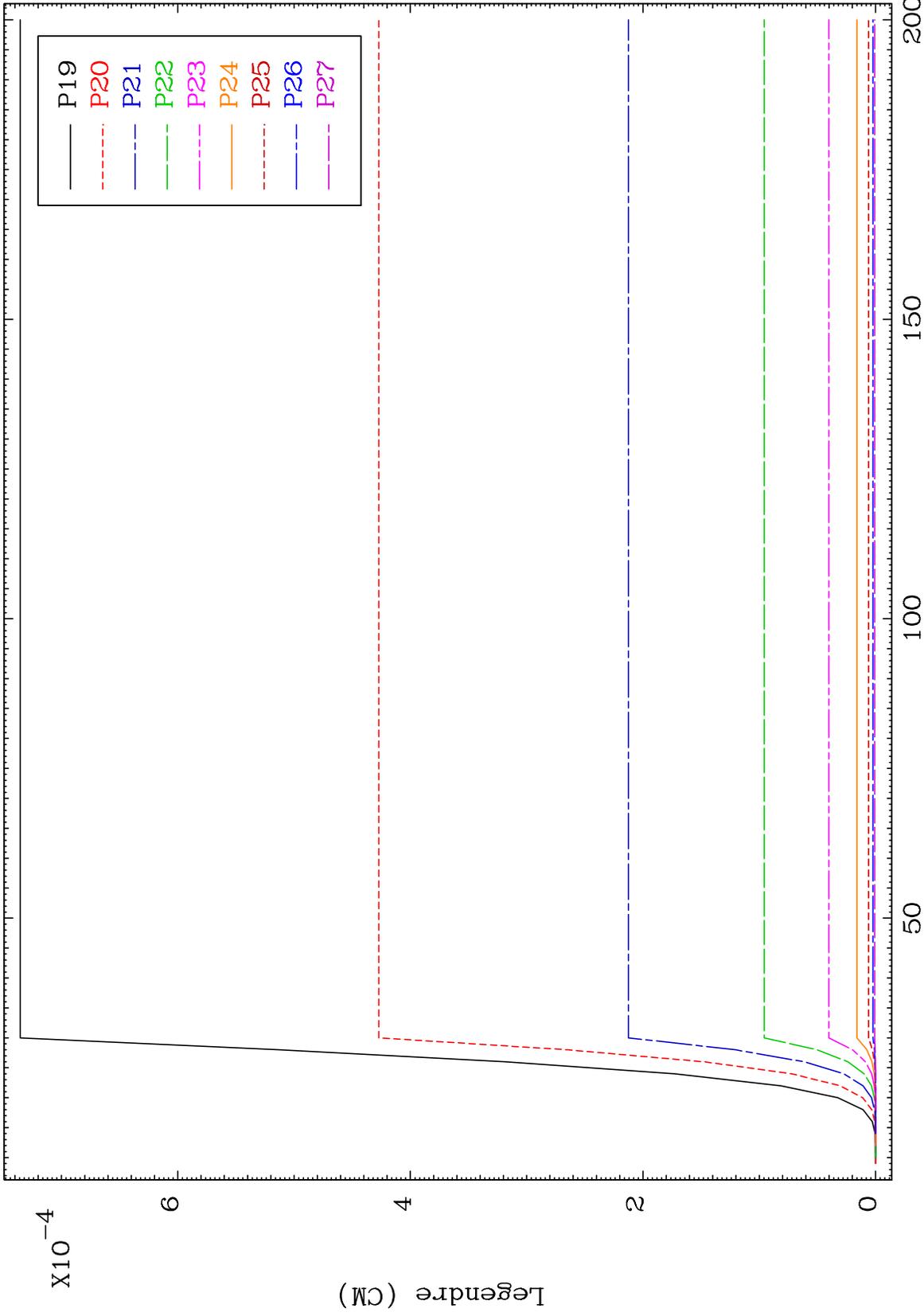
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



109

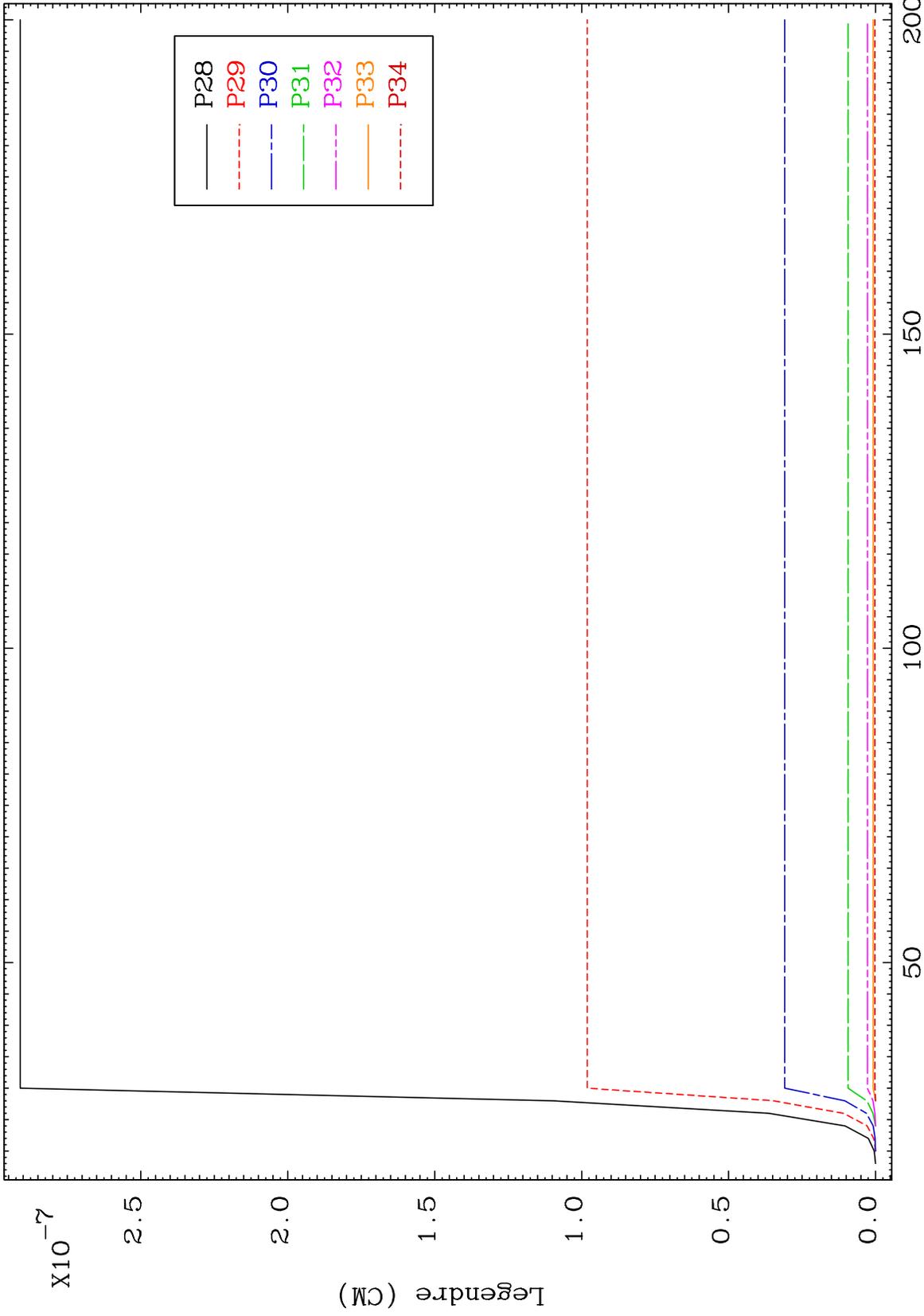
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94

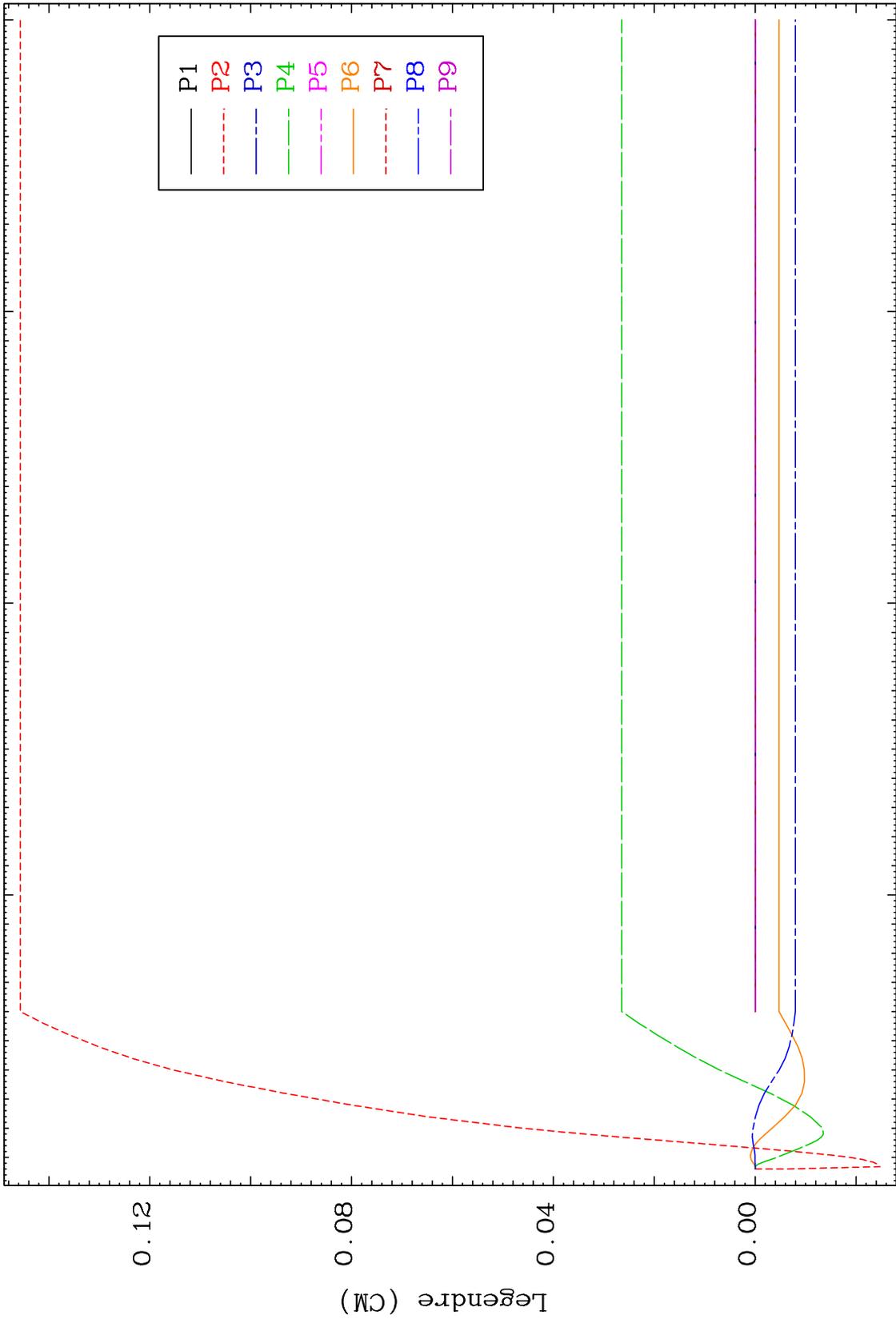


110

Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 76 (n,n') Level Legendre Coefficients 42-Mo-94

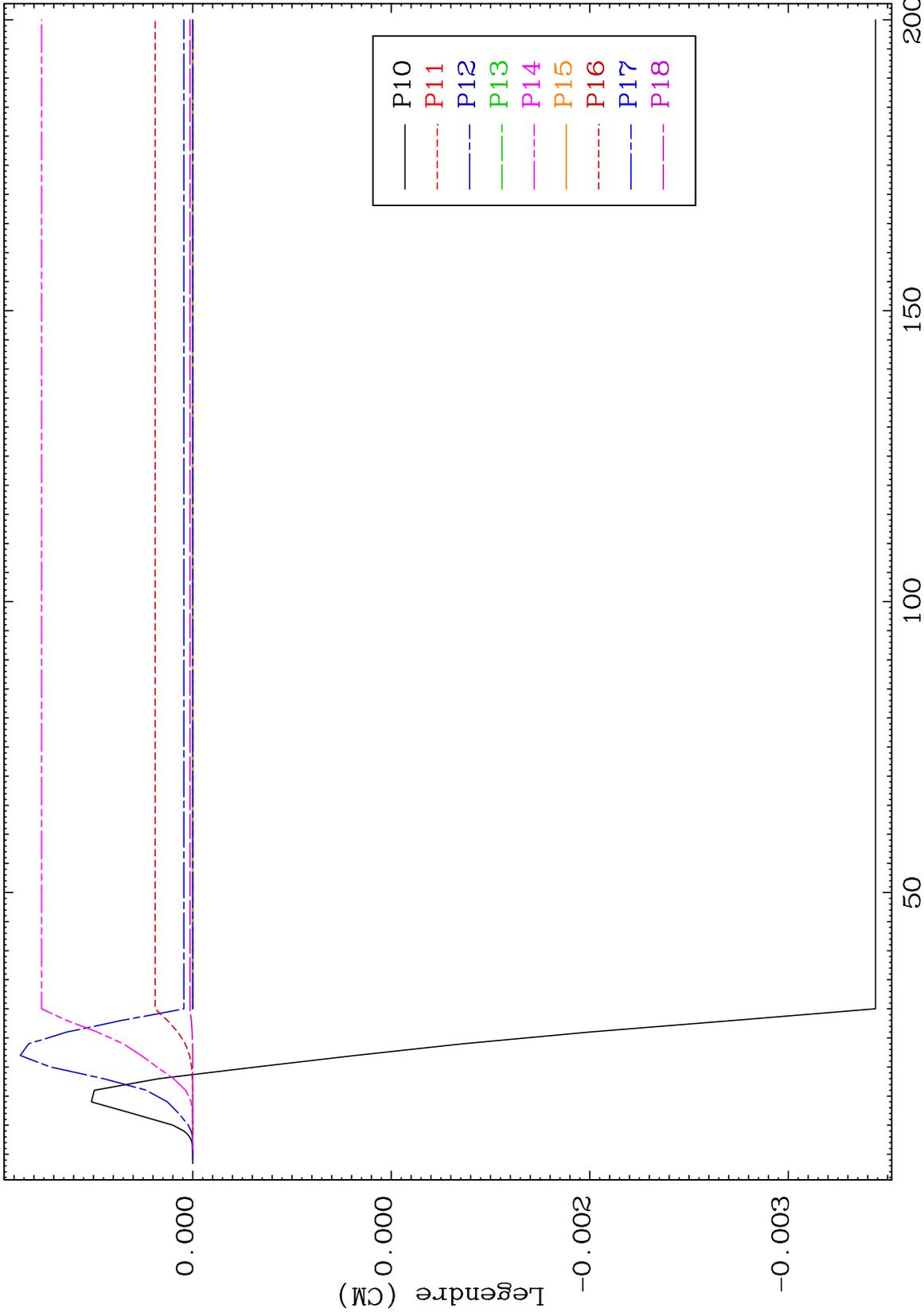


111 Incident Energy (MeV) 42-Mo-94

MAT 4231

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

42-Mo-94

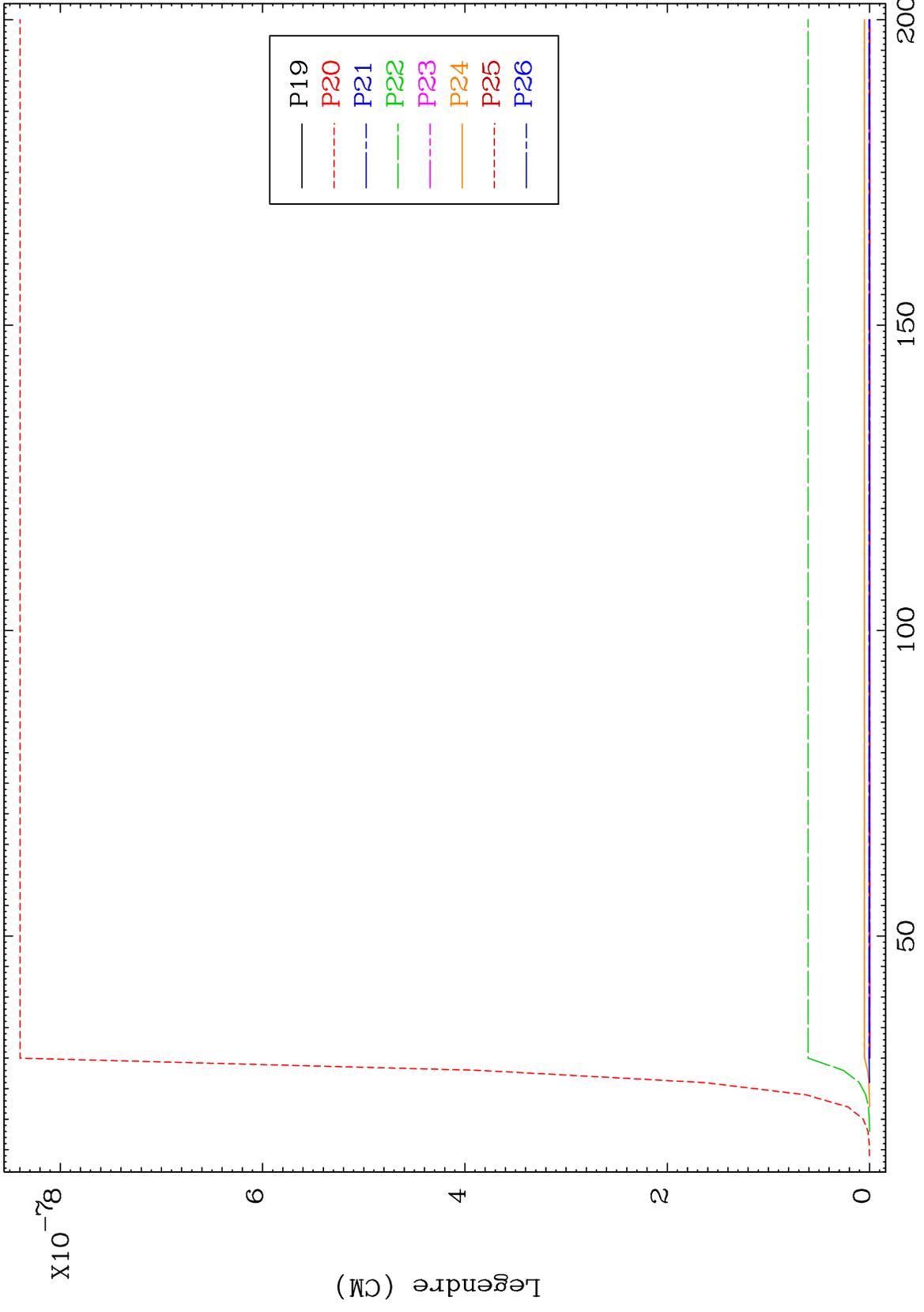


112

Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 76 (n,n') Level Legendre Coefficients 42-Mo-94

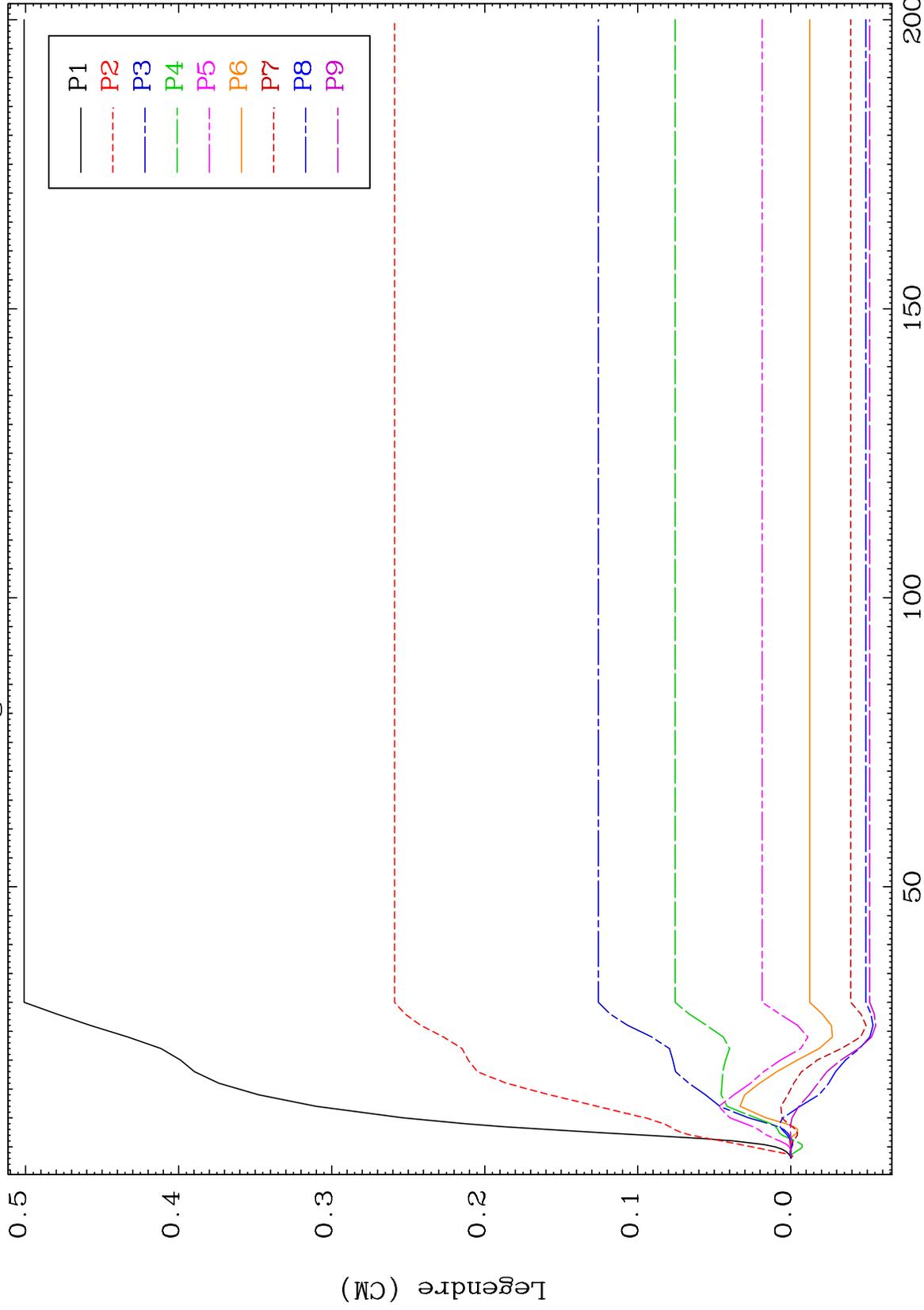


113 42-Mo-94

MAT 4231

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

42-Mo-94



114

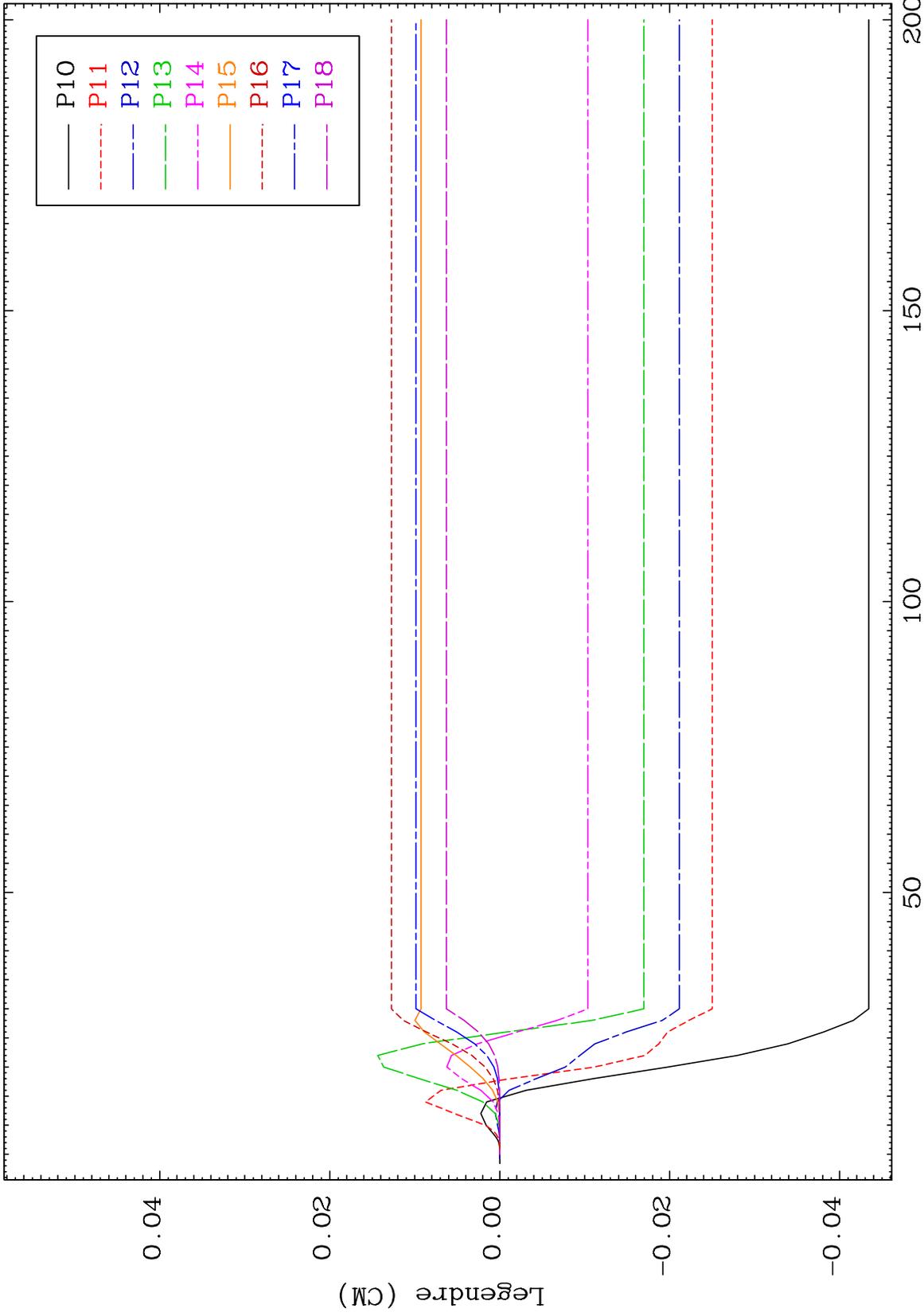
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



115

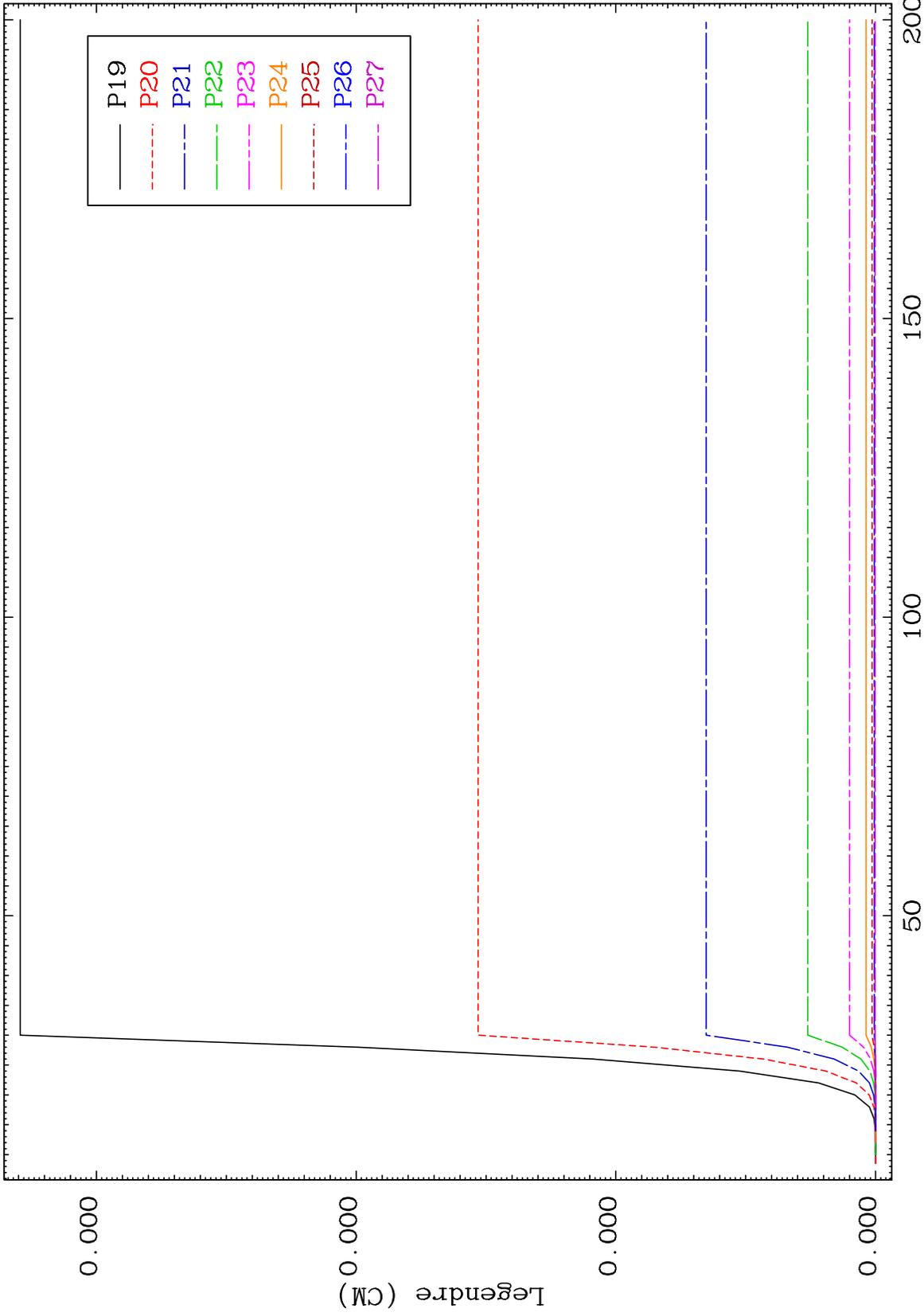
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



116

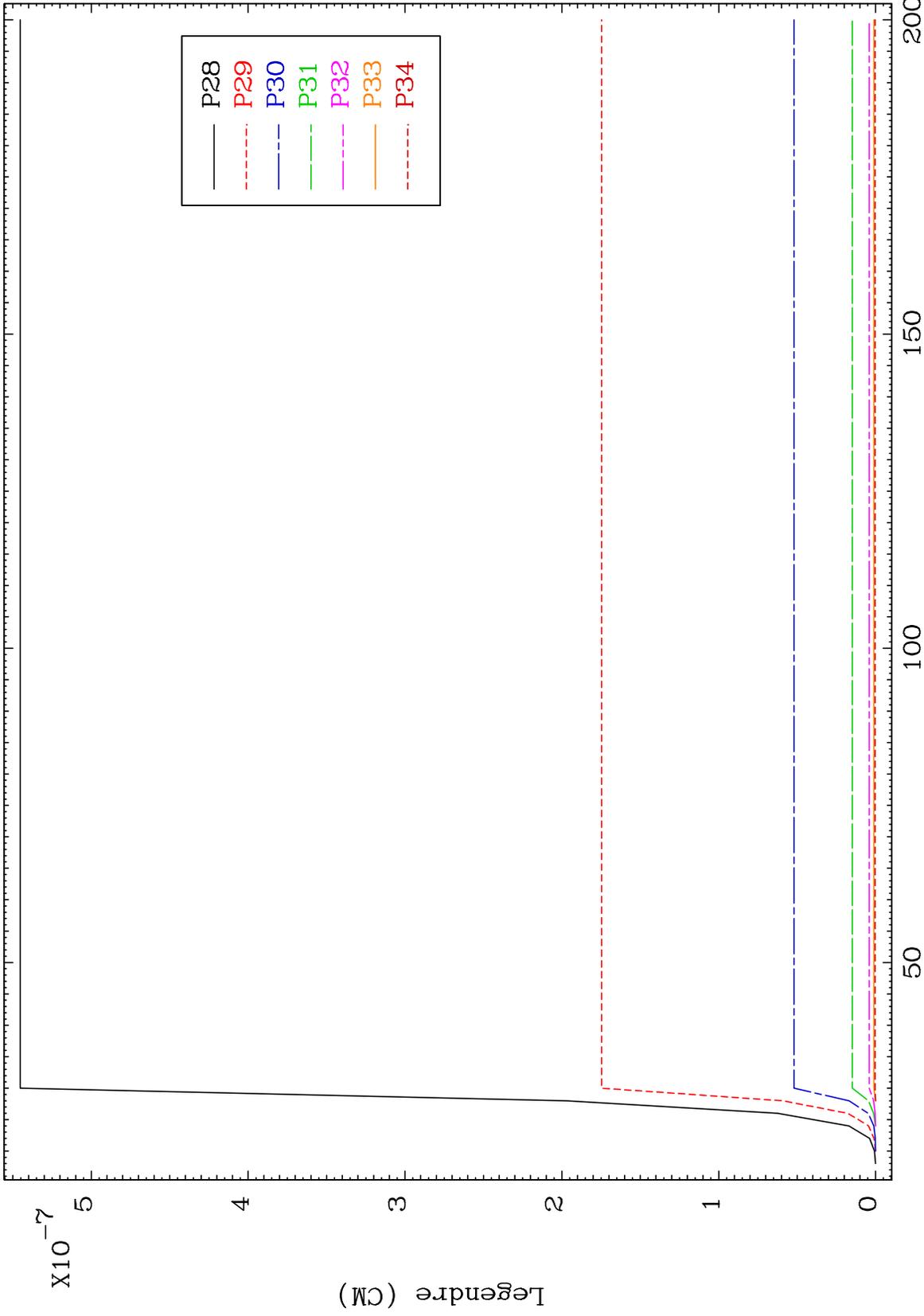
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



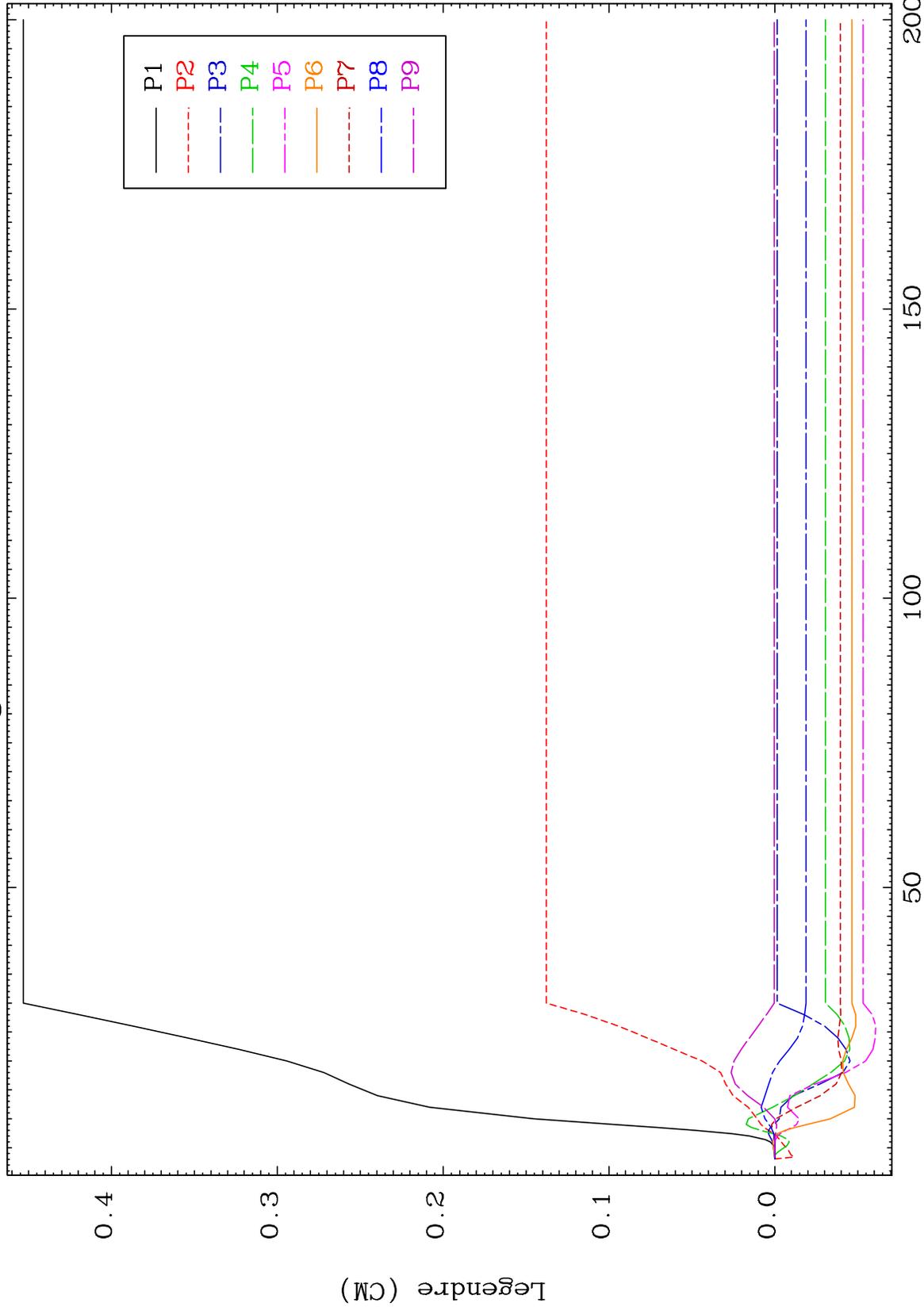
117

42-Mo-94

MAT 4231

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

42-Mo-94



118

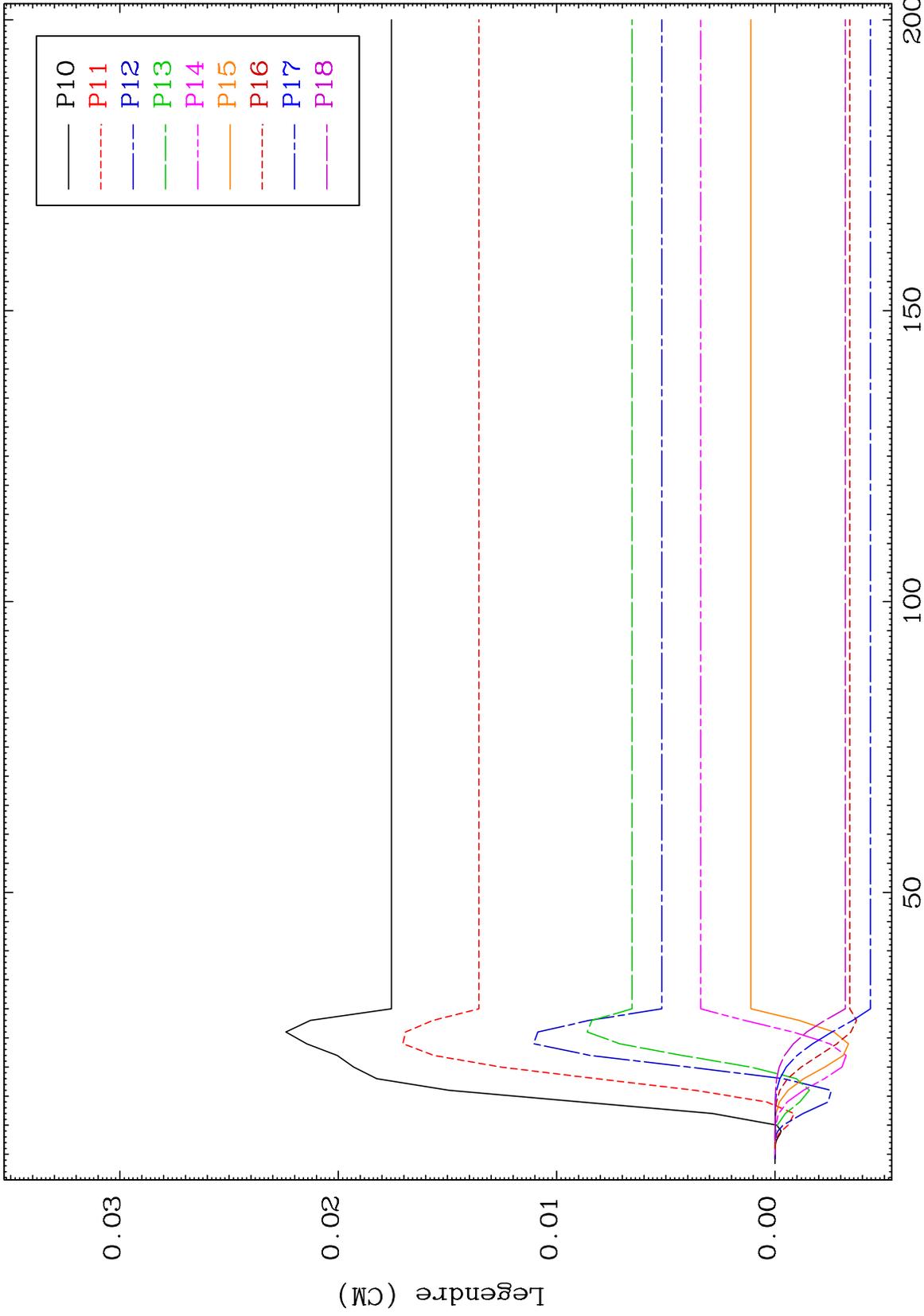
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94

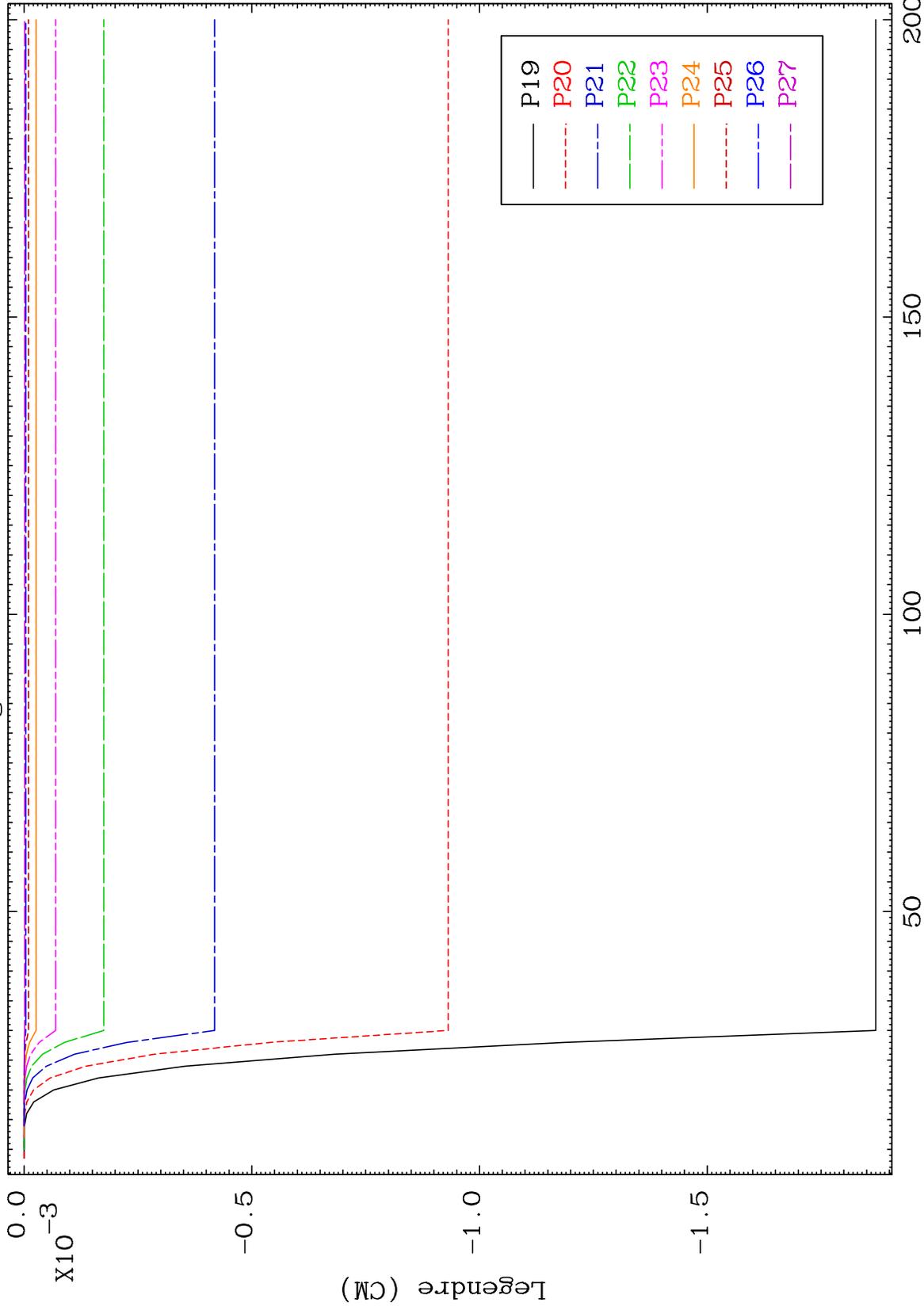


119

Incident Energy (MeV)

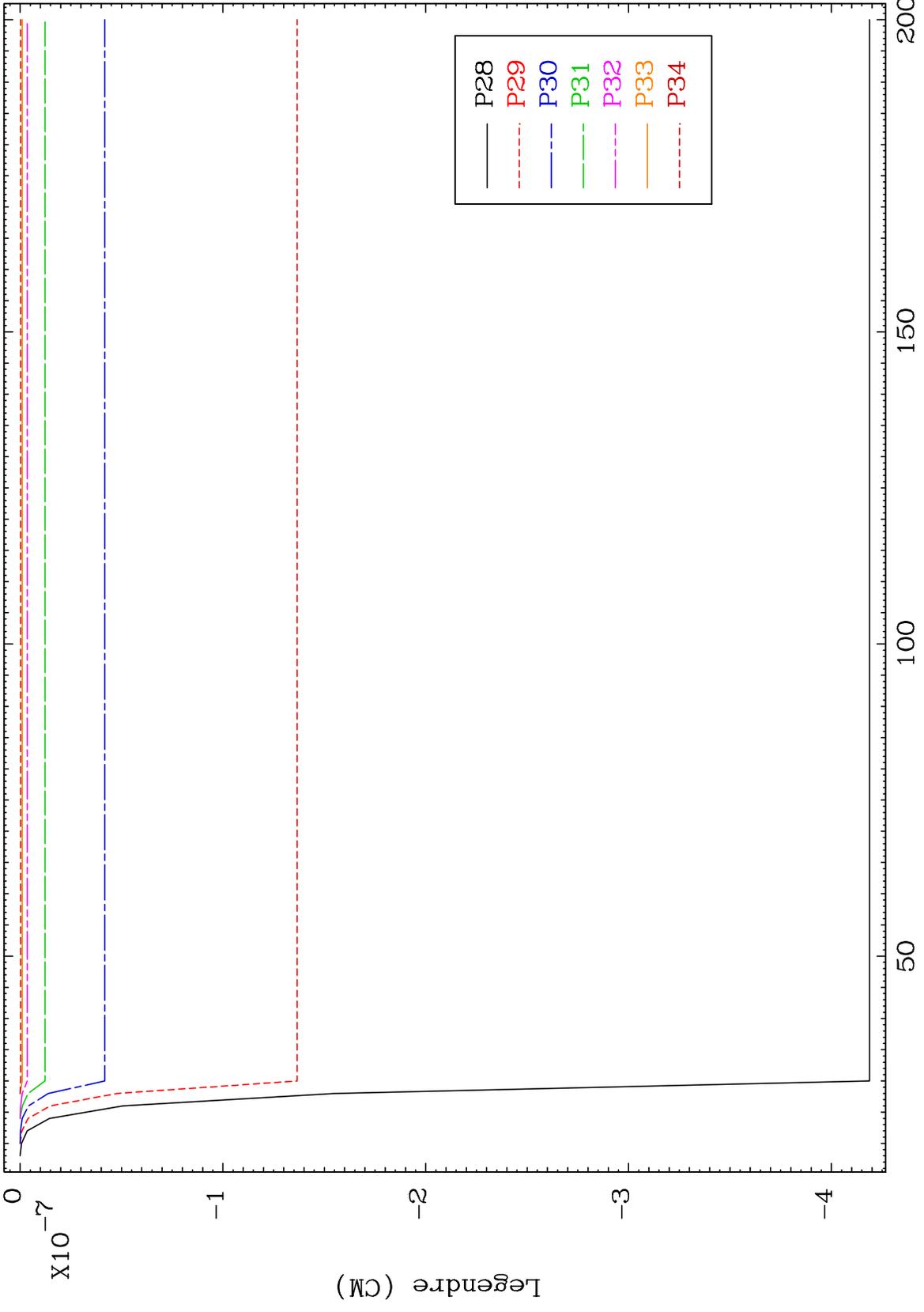
42-Mo-94

MAT 4231 MT= 78 (n,n') Level Legendre Coefficients 42-Mo-94



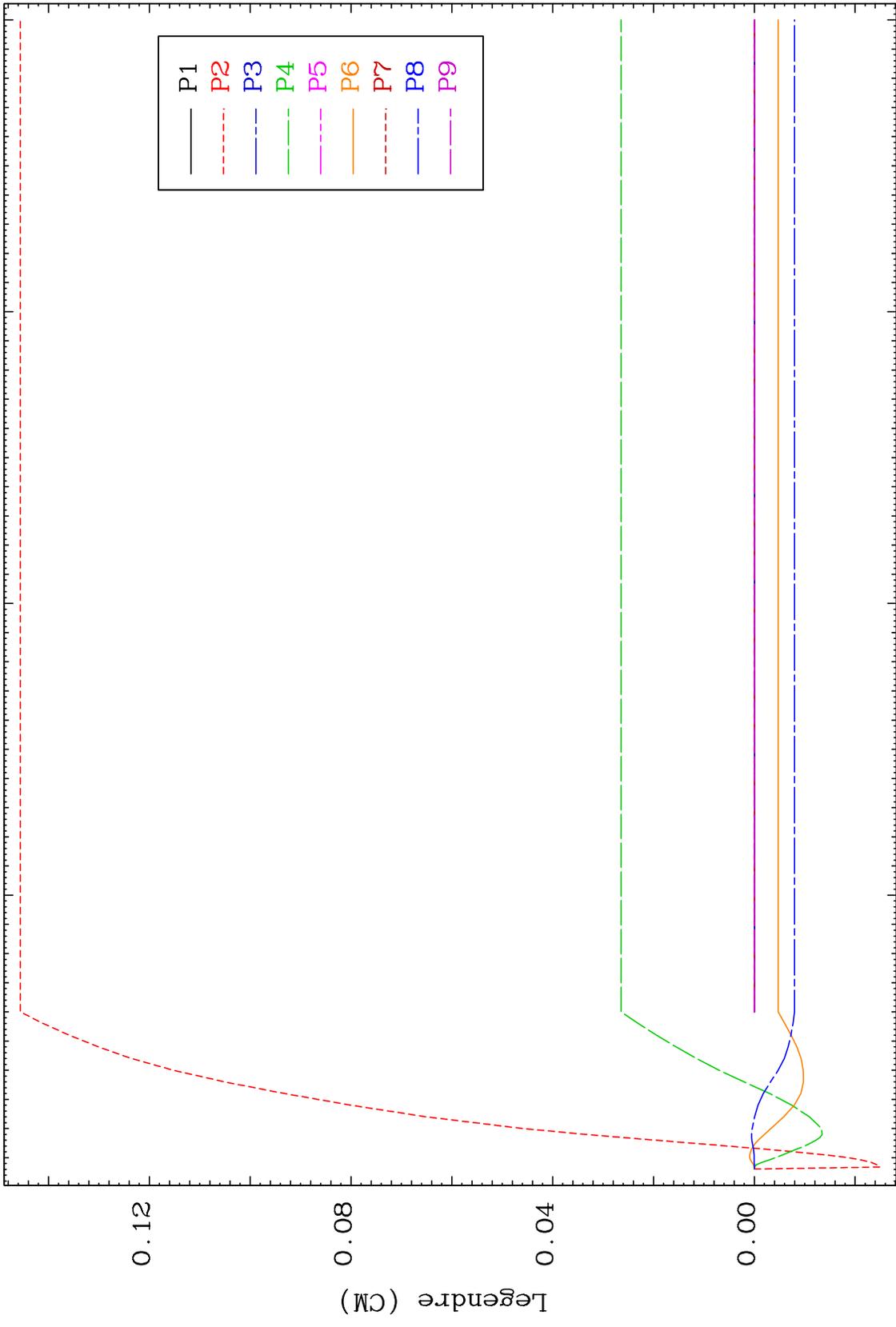
120 Incident Energy (MeV) 42-Mo-94

MAT 4231 MT= 78 (n,n') Level Legendre Coefficients 42-Mo-94



121 Incident Energy (MeV) 42-Mo-94

MAT 4231 MT= 79 (n,n') Level Legendre Coefficients 42-Mo-94

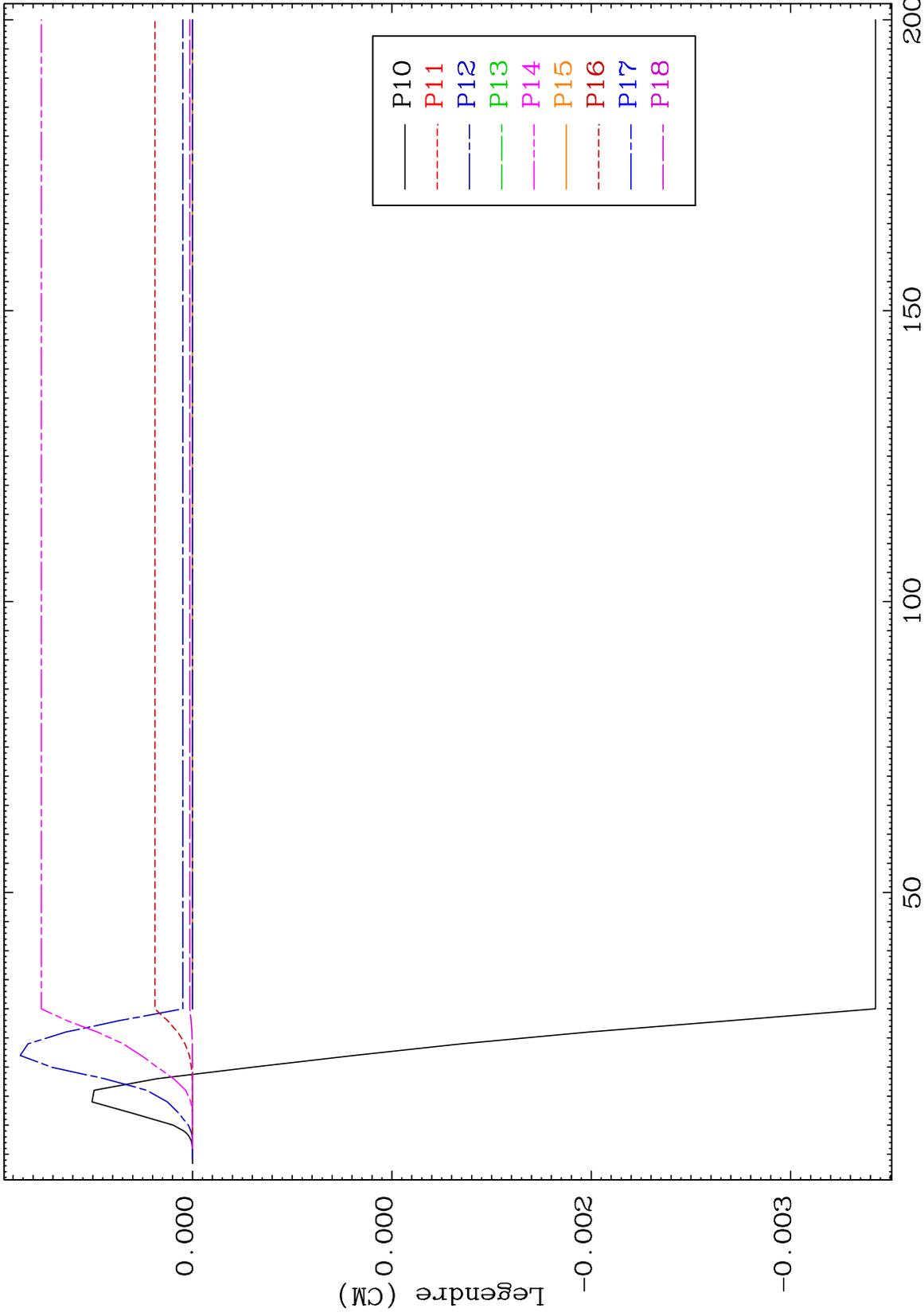


122 Incident Energy (MeV) 42-Mo-94

MAT 4231

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

42-Mo-94

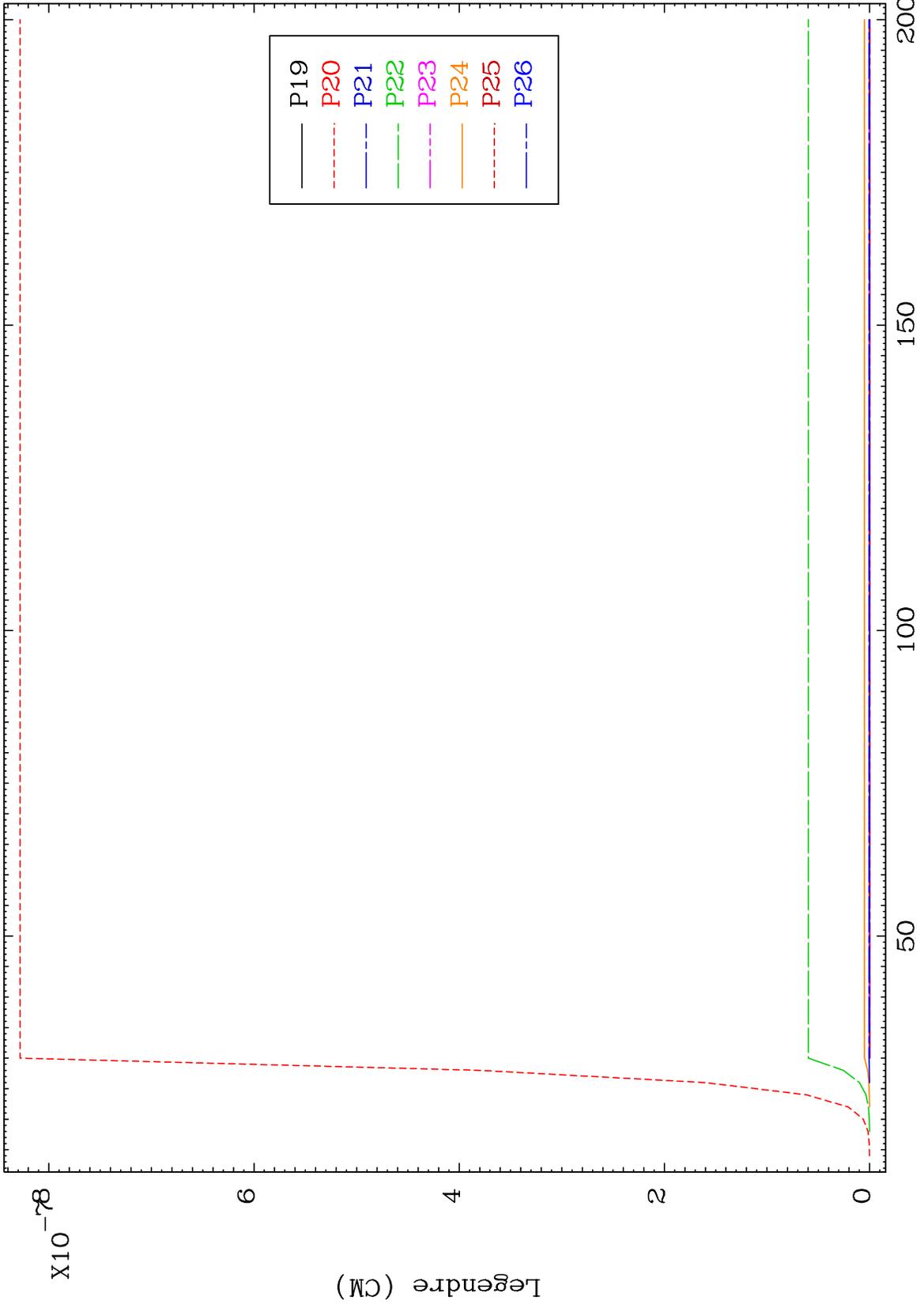


123

Incident Energy (MeV)

42-Mo-94

MAT 4231 MT= 79 (n,n') Level Legendre Coefficients 42-Mo-94

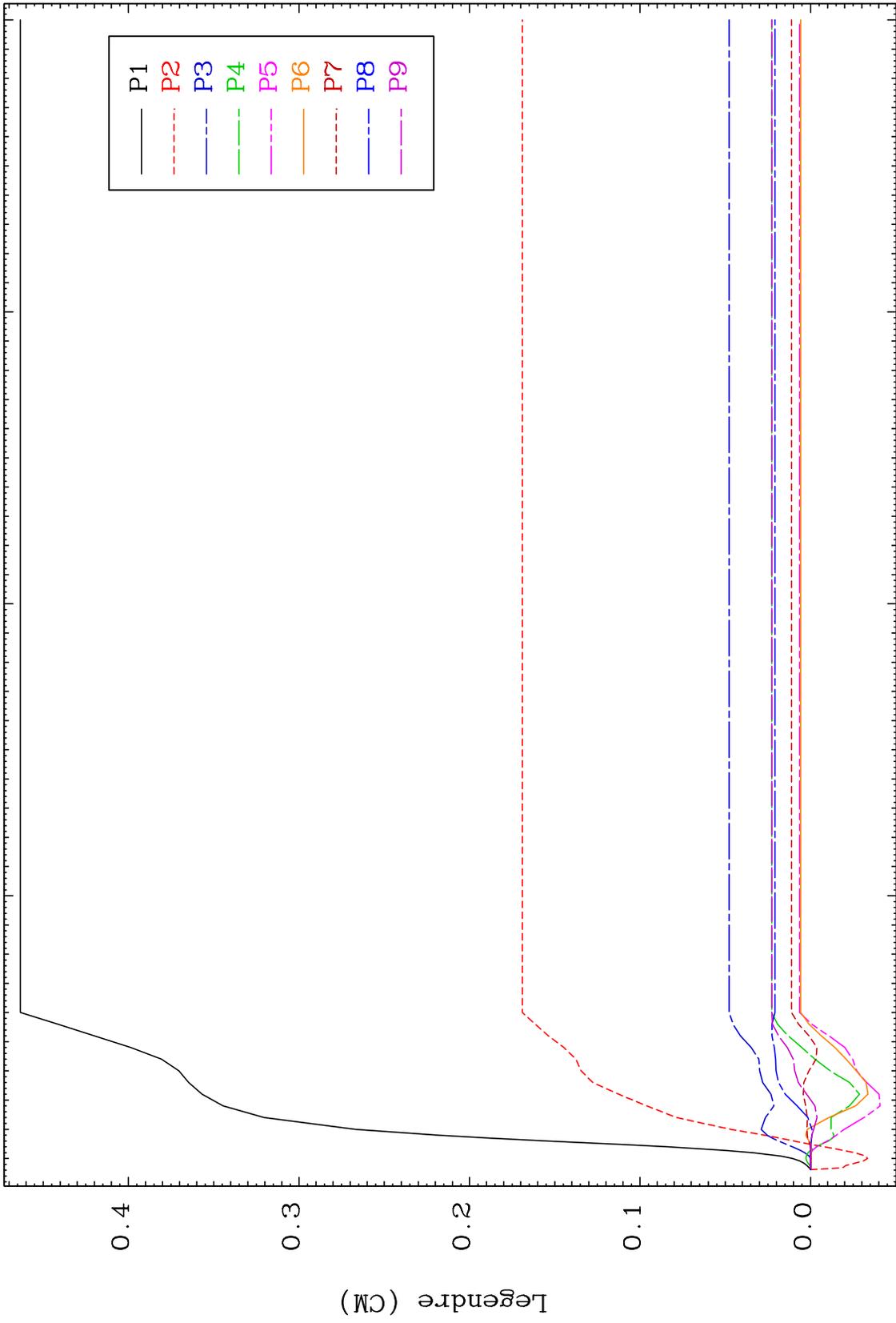


124 Incident Energy (MeV) 42-Mo-94

MAT 4231

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

42-Mo-94



125

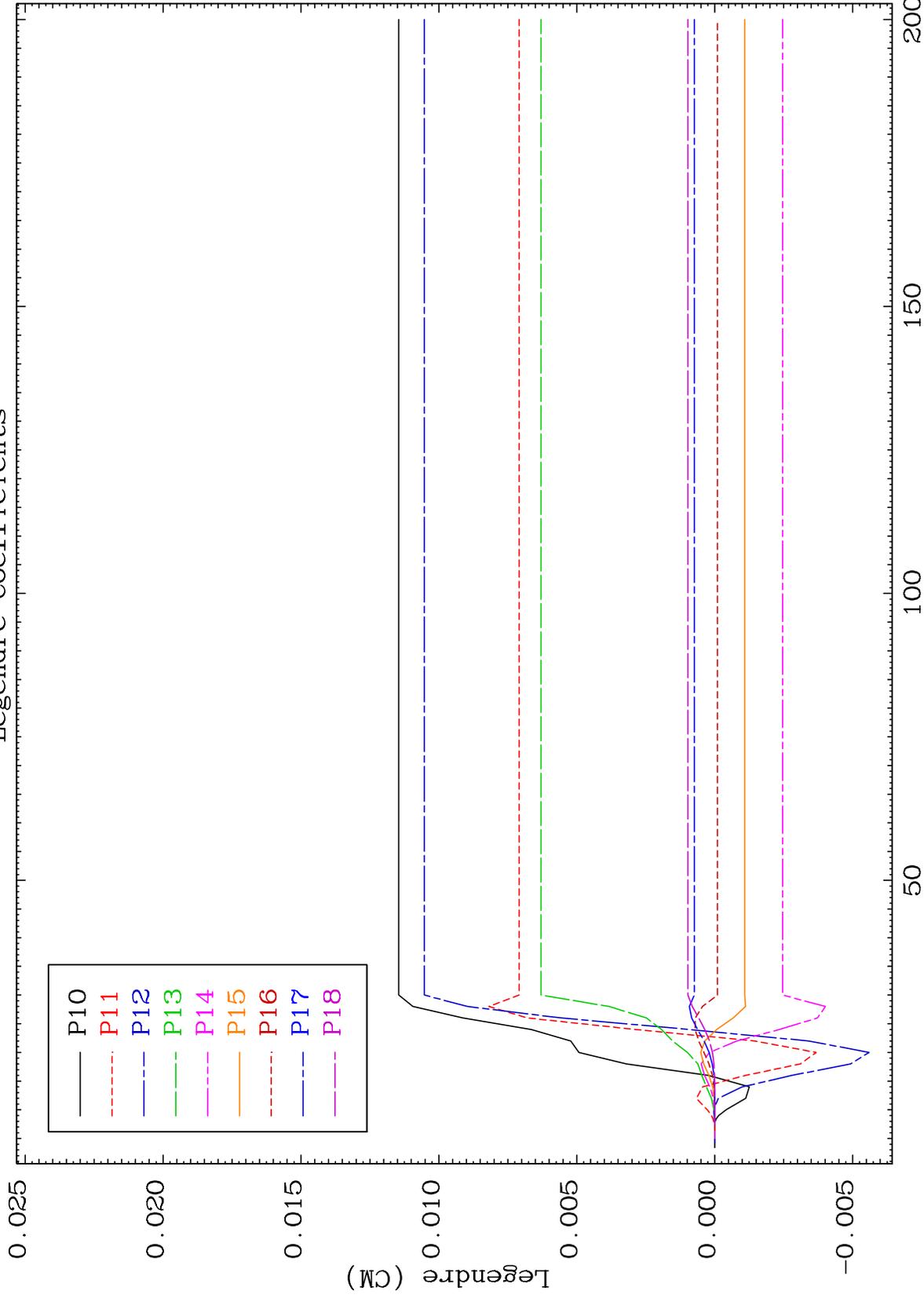
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



126

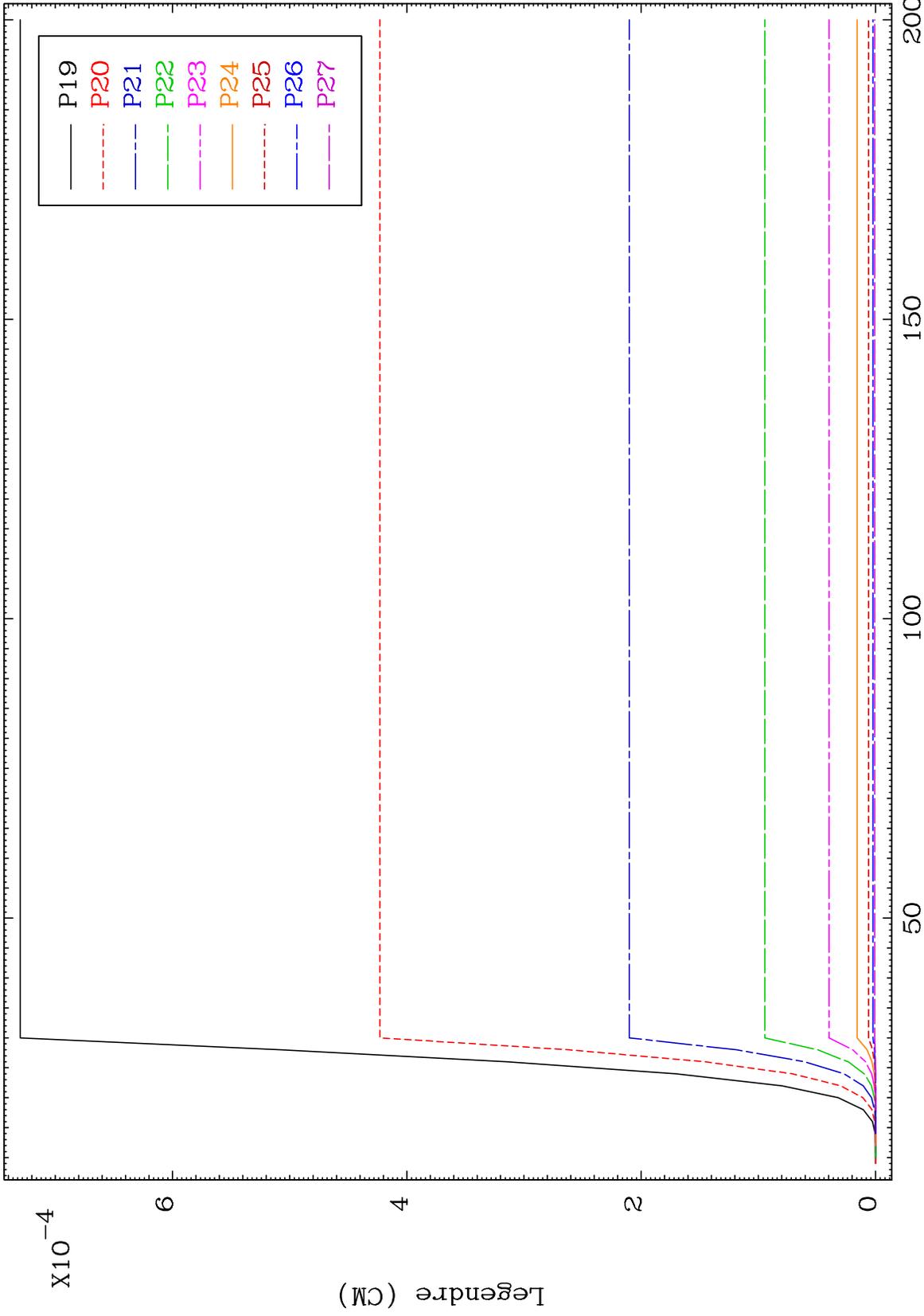
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



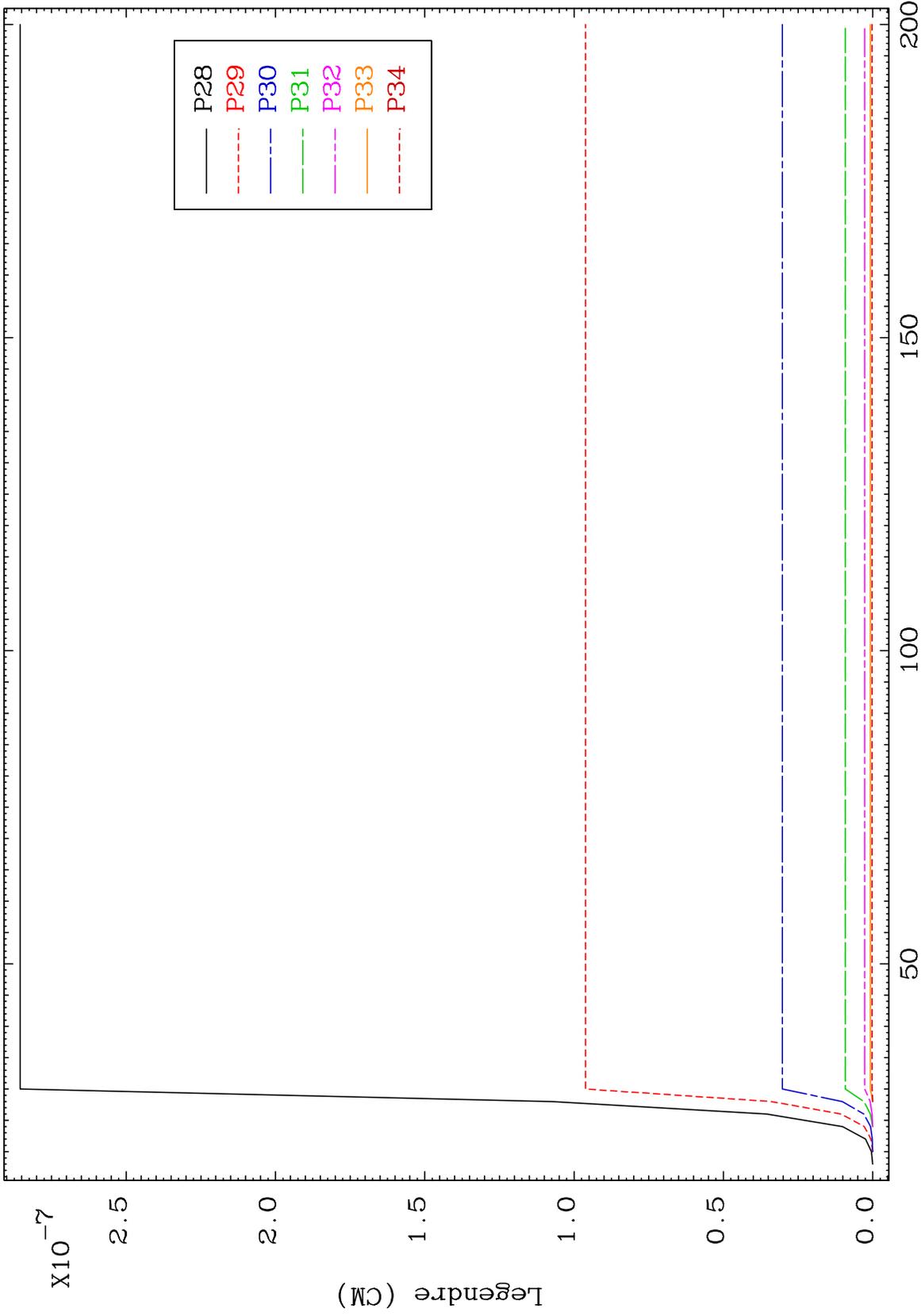
42-Mo-94

127

MAT 4231

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

42-Mo-94



128

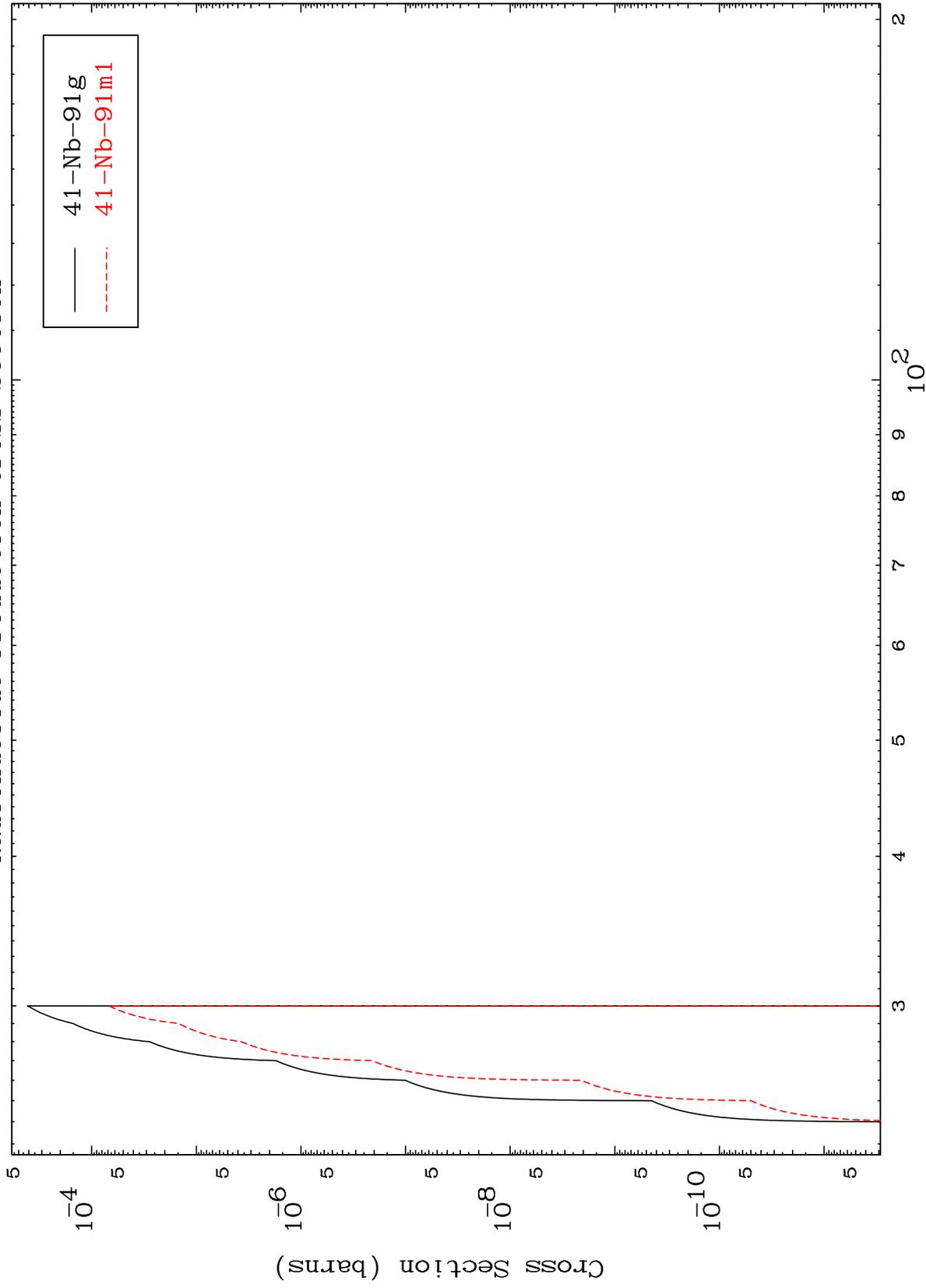
42-Mo-94

MAT 4231

(n,2n) d

42-Mo-94

Radionuclide Production Cross Section



129

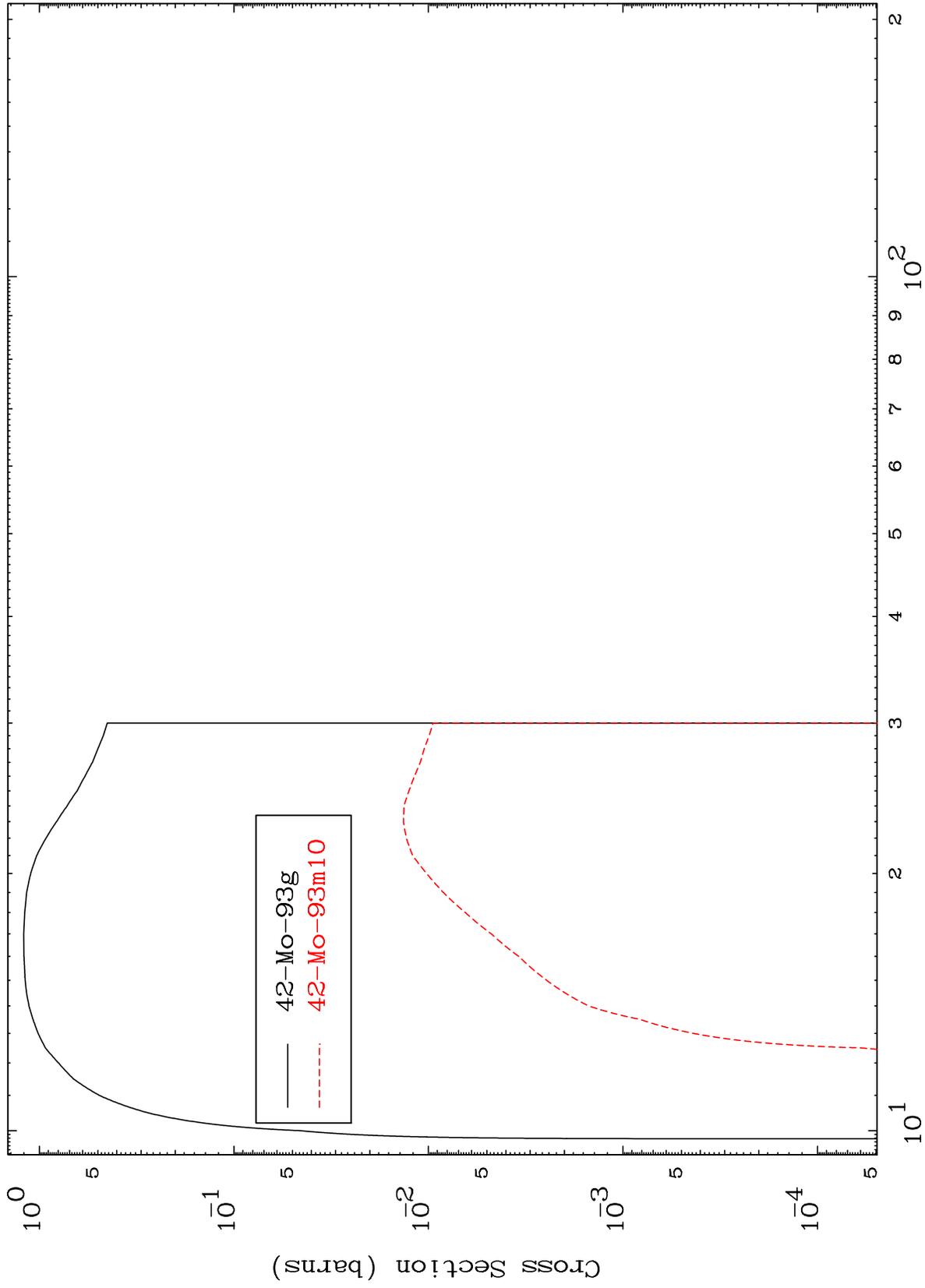
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

Radionuclide Production Cross Section
(n,2n)



130

Incident Energy (MeV)

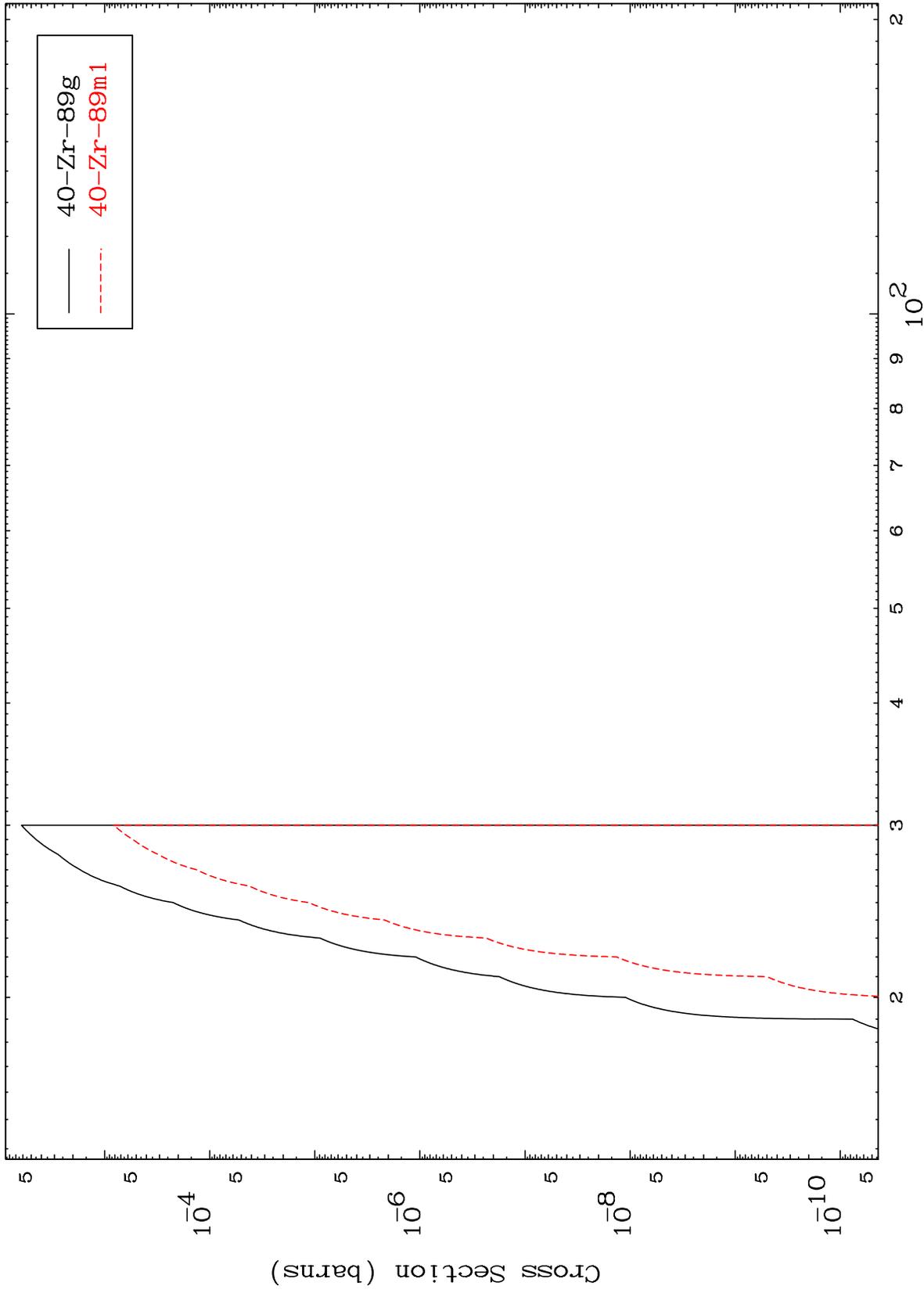
42-Mo-94

MAT 4231

(n,2n) α

42-Mo-94

Radionuclide Production Cross Section



132

Incident Energy (MeV)

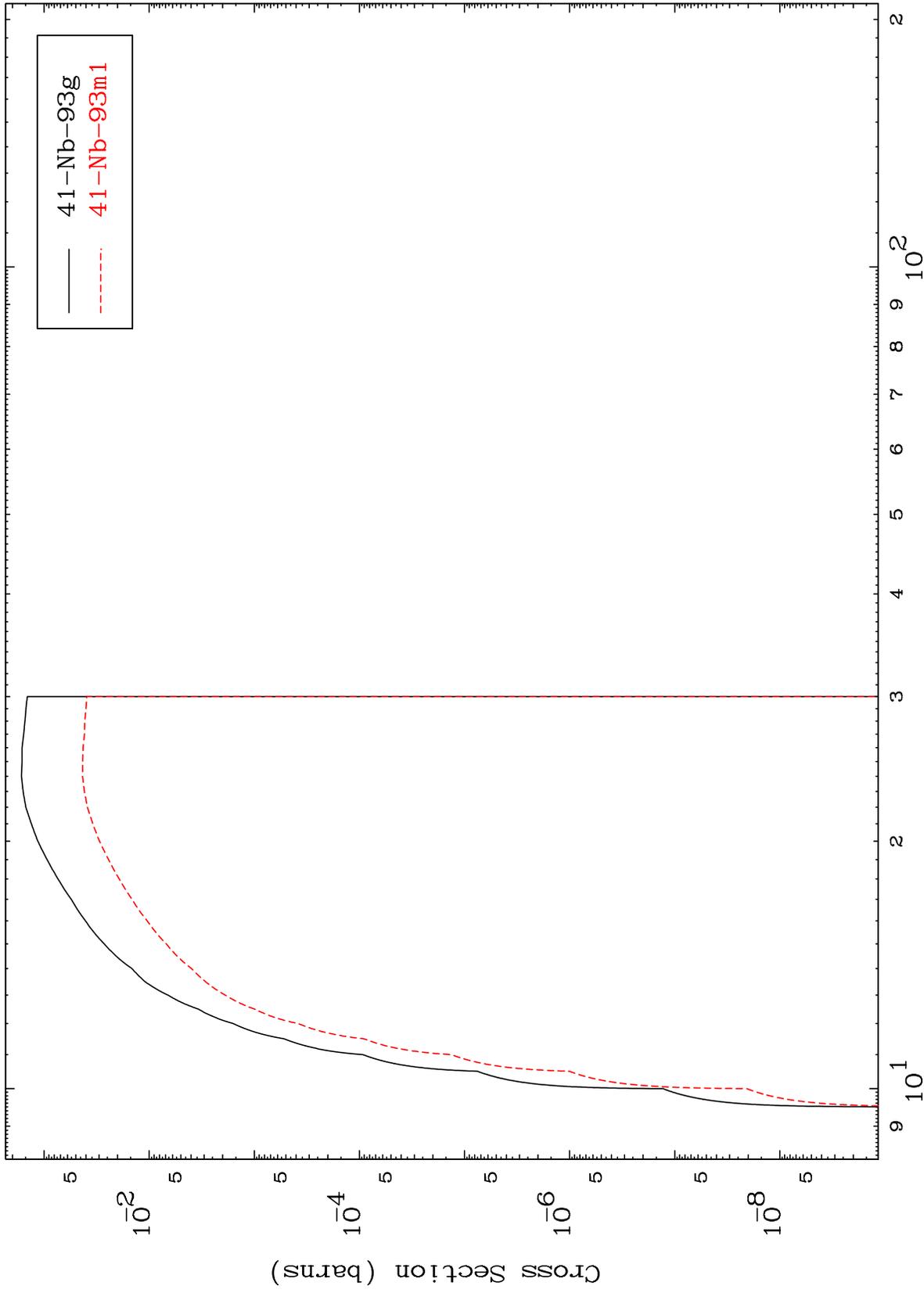
42-Mo-94

MAT 4231

(n,n') p

42-Mo-94

Radionuclide Production Cross Section



133

Incident Energy (MeV)

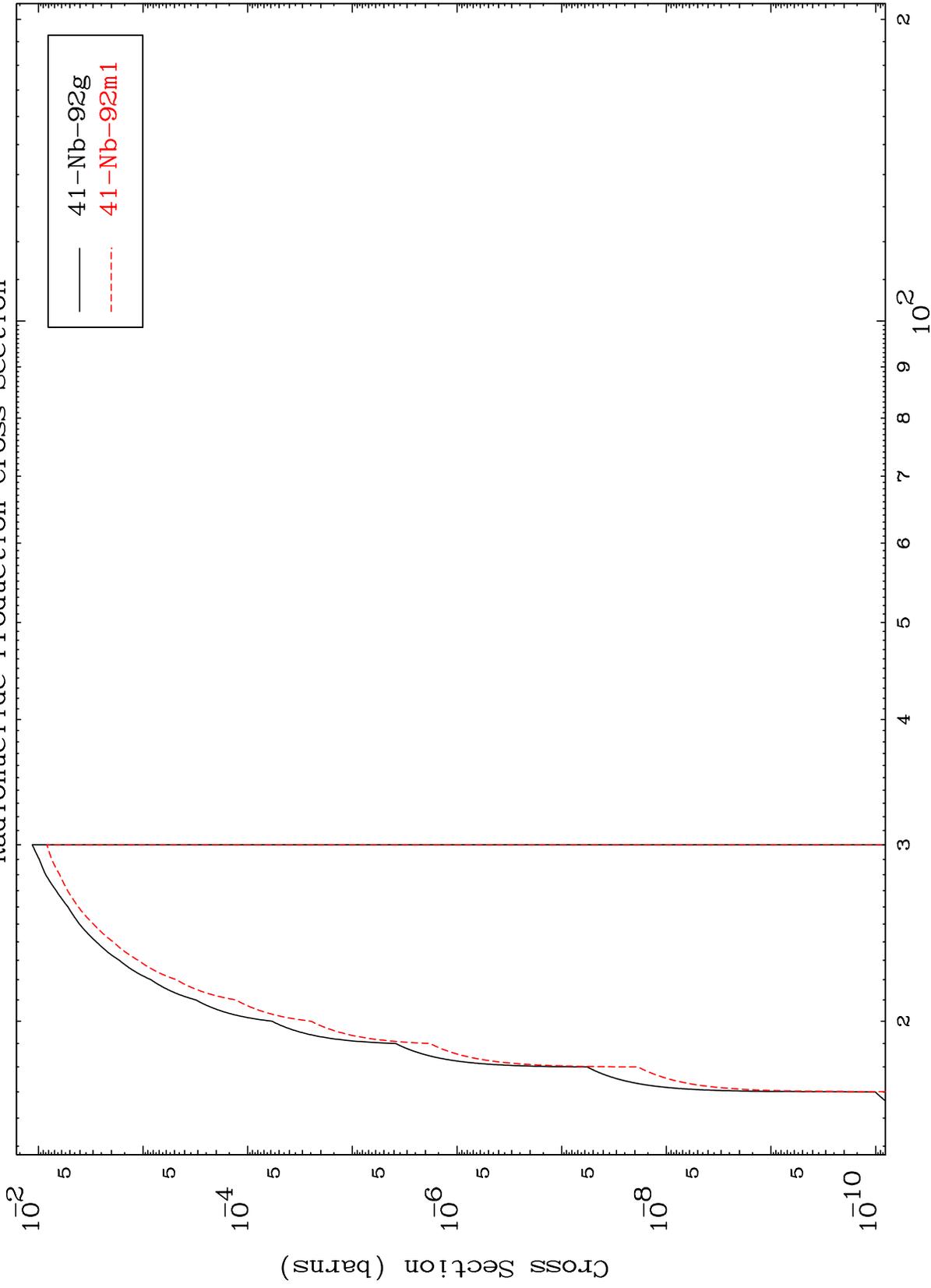
42-Mo-94

MAT 4231

(n,n') d

42-Mo-94

Radionuclide Production Cross Section



134

Incident Energy (MeV)

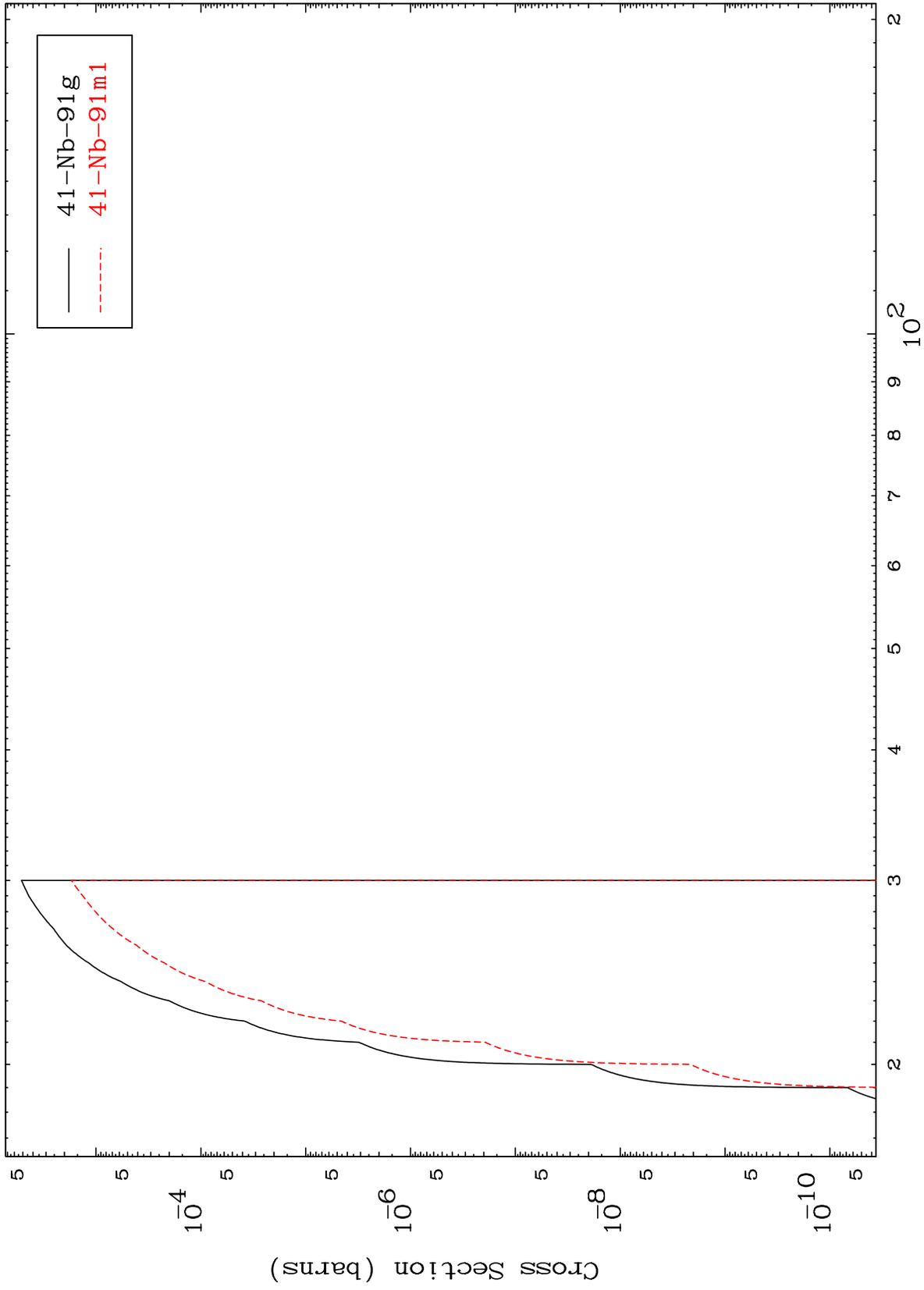
42-Mo-94

MAT 4231

(n,n') t

42-Mo-94

Radionuclide Production Cross Section

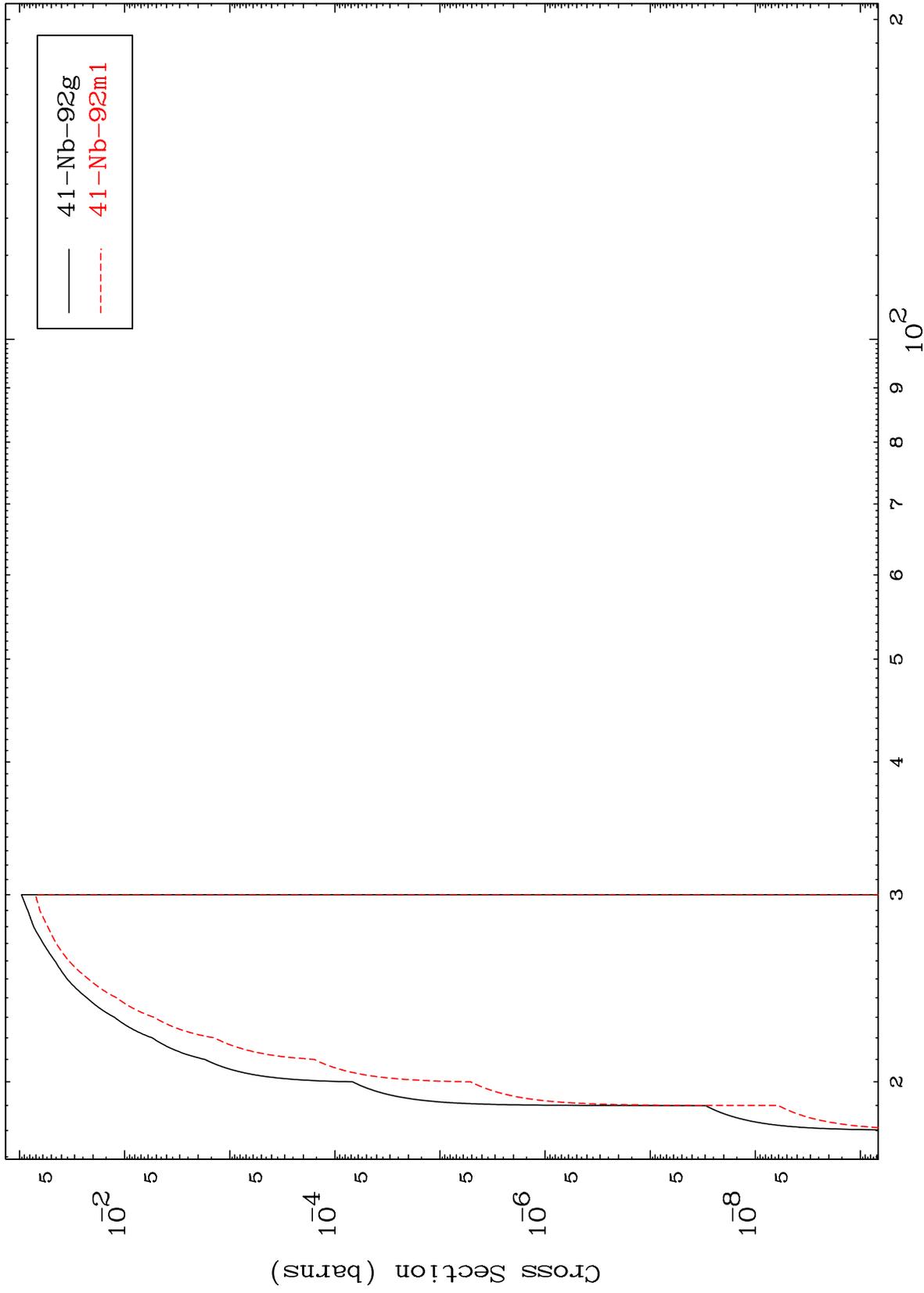


135

Incident Energy (MeV)

42-Mo-94

(n,2n) p
Radionuclide Production Cross Section

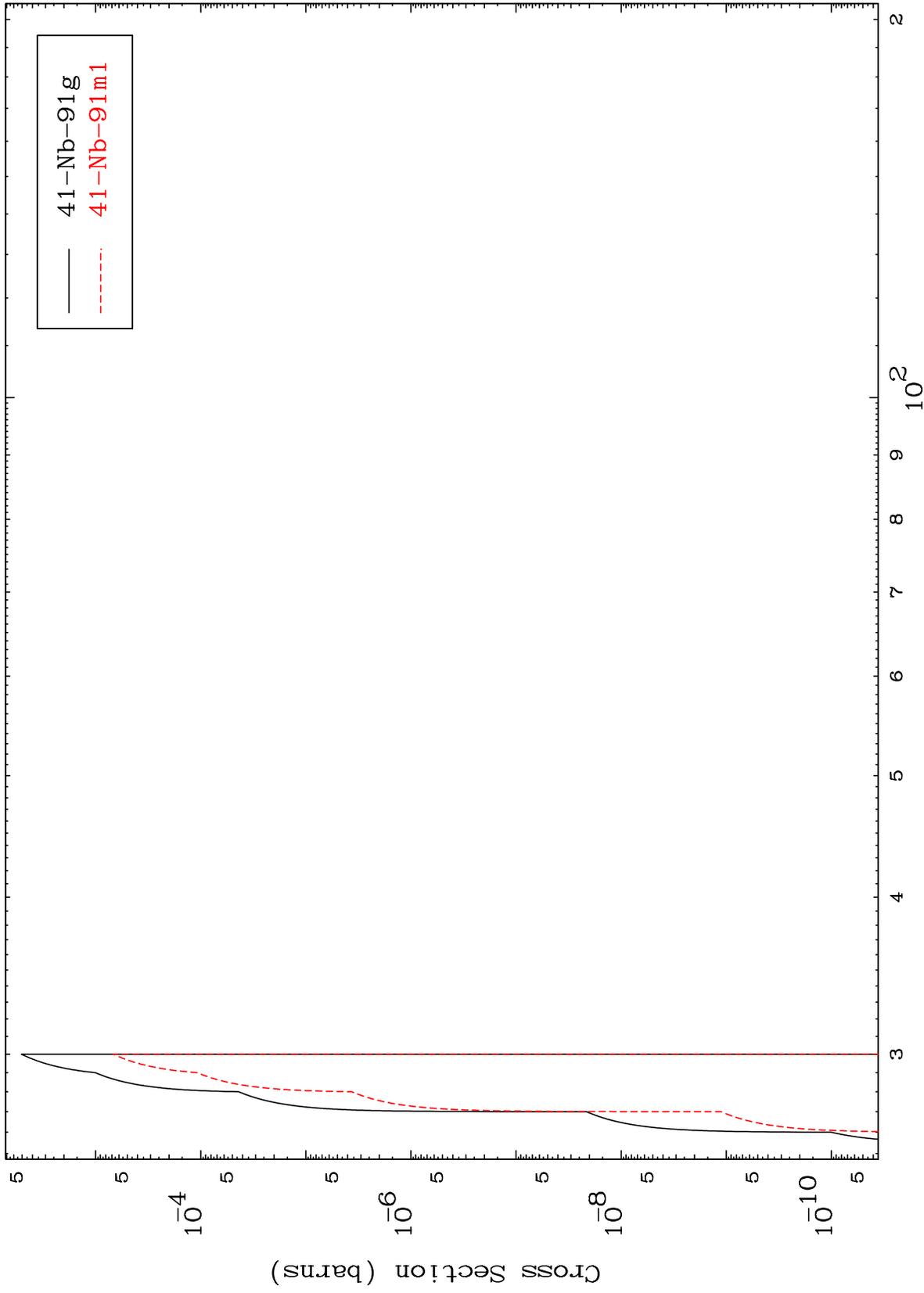


MAT 4231

(n,3n) p

42-Mo-94

Radionuclide Production Cross Section



137

Incident Energy (MeV)

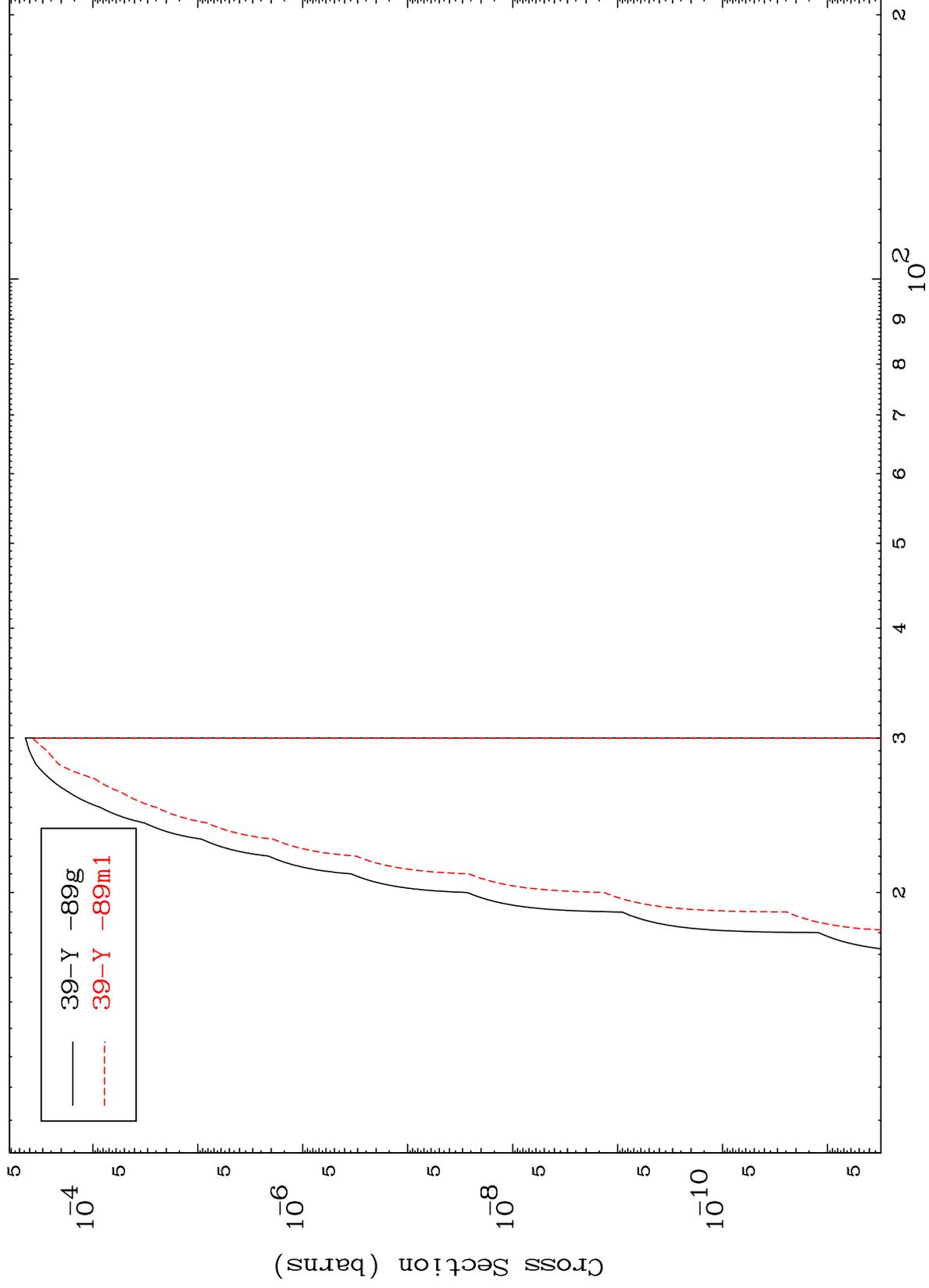
42-Mo-94

MAT 4231

(n,n') p α

42-Mo-94

Radionuclide Production Cross Section



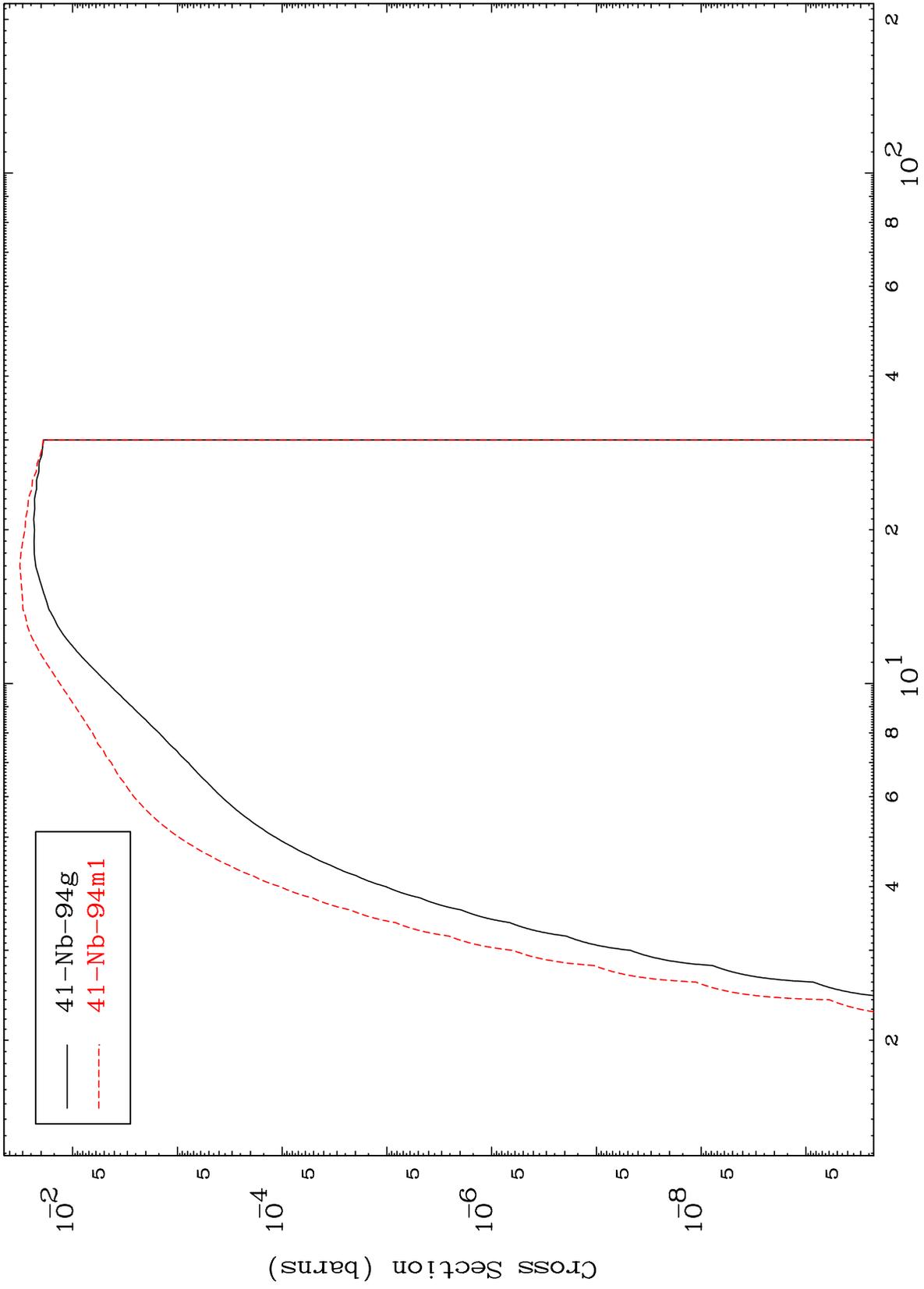
138

42-Mo-94

MAT 4231

42-Mo-94

(n,p)
Radionuclide Production Cross Section



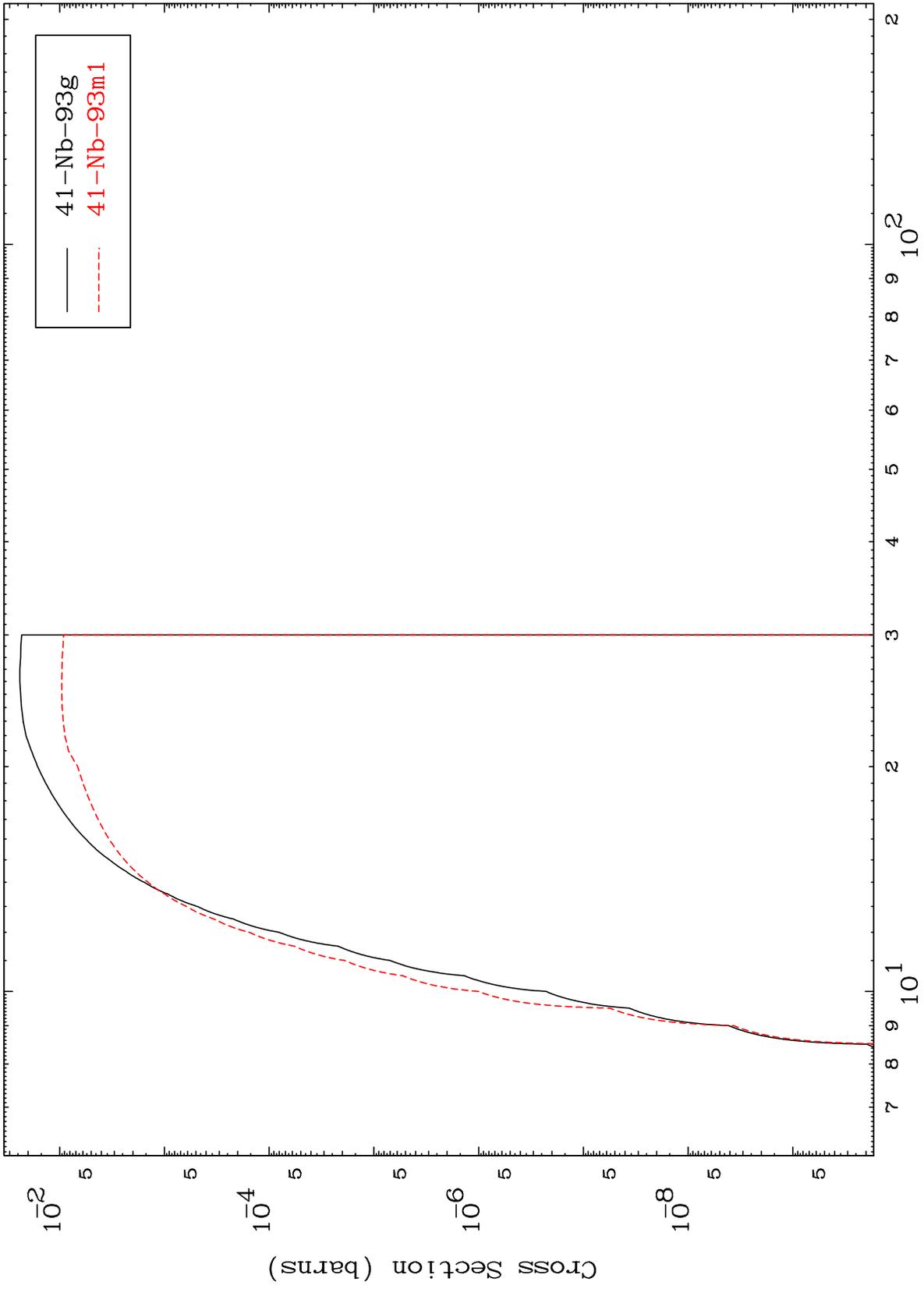
139

42-Mo-94

MAT 4231

42-Mo-94

(n,d)
Radionuclide Production Cross Section



140

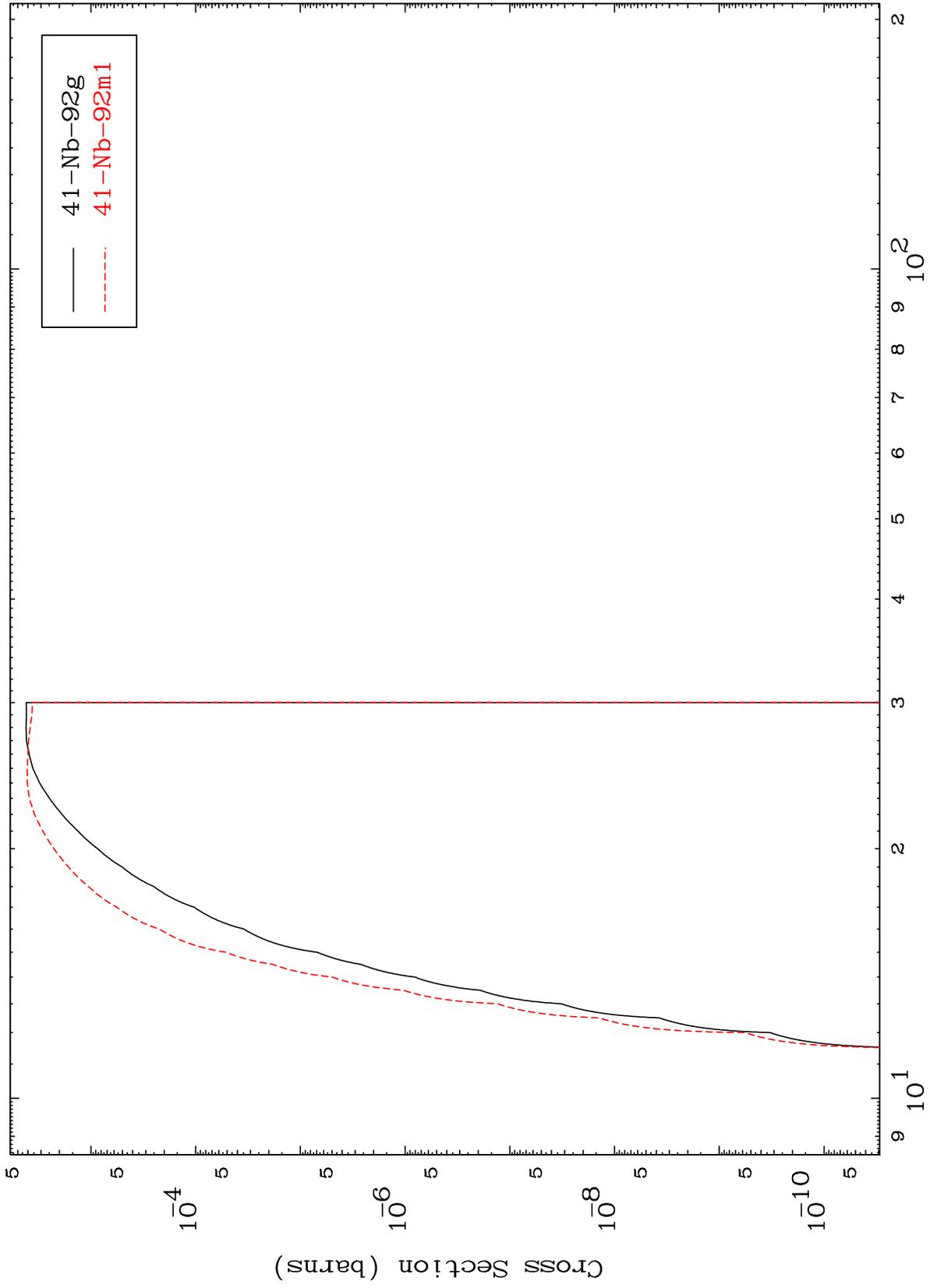
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n, t)
Radionuclide Production Cross Section



42-Mo-94

Incident Energy (MeV)

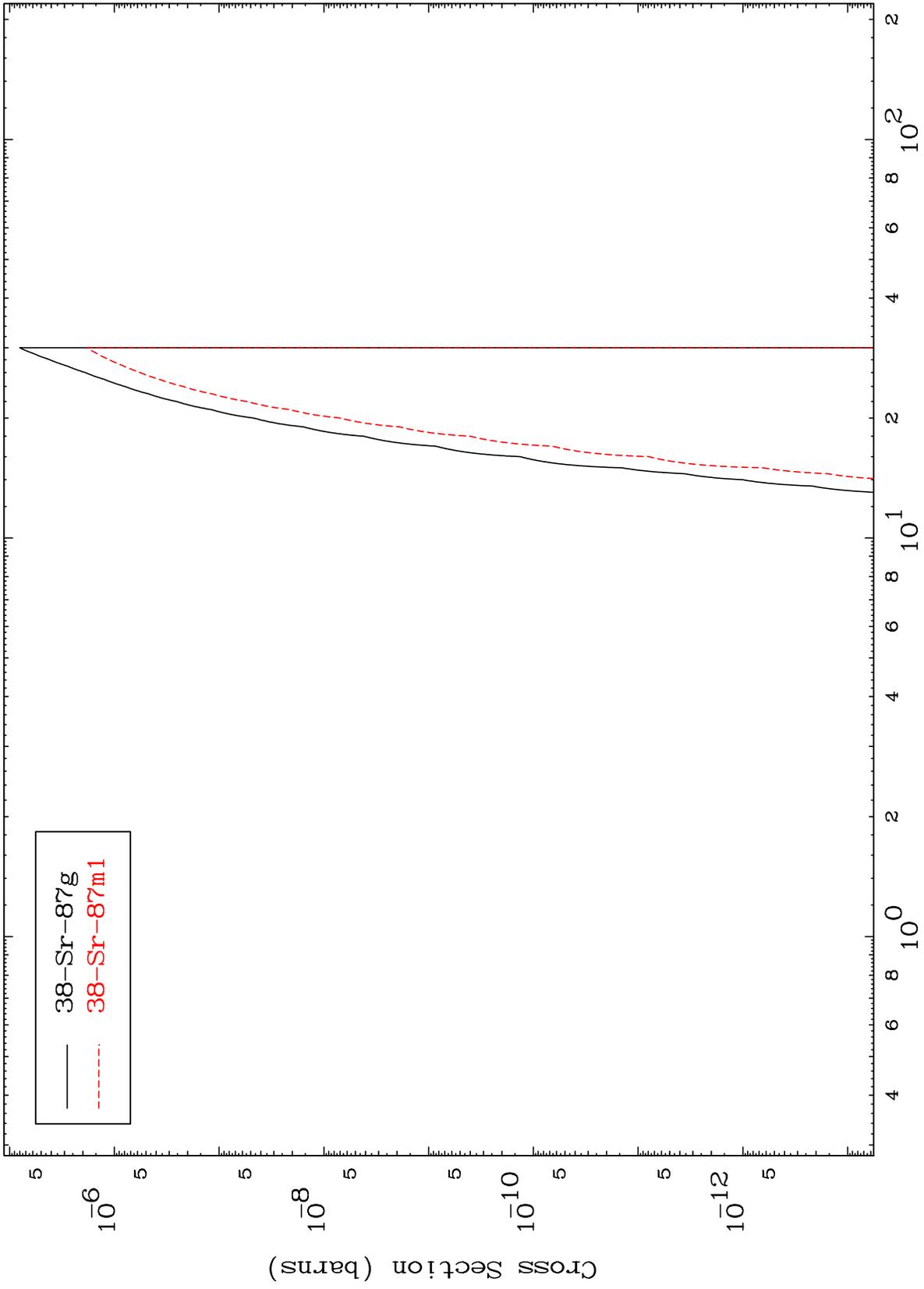
141

MAT 4231

(n,2α)

42-Mo-94

Radionuclide Production Cross Section



142

Incident Energy (MeV)

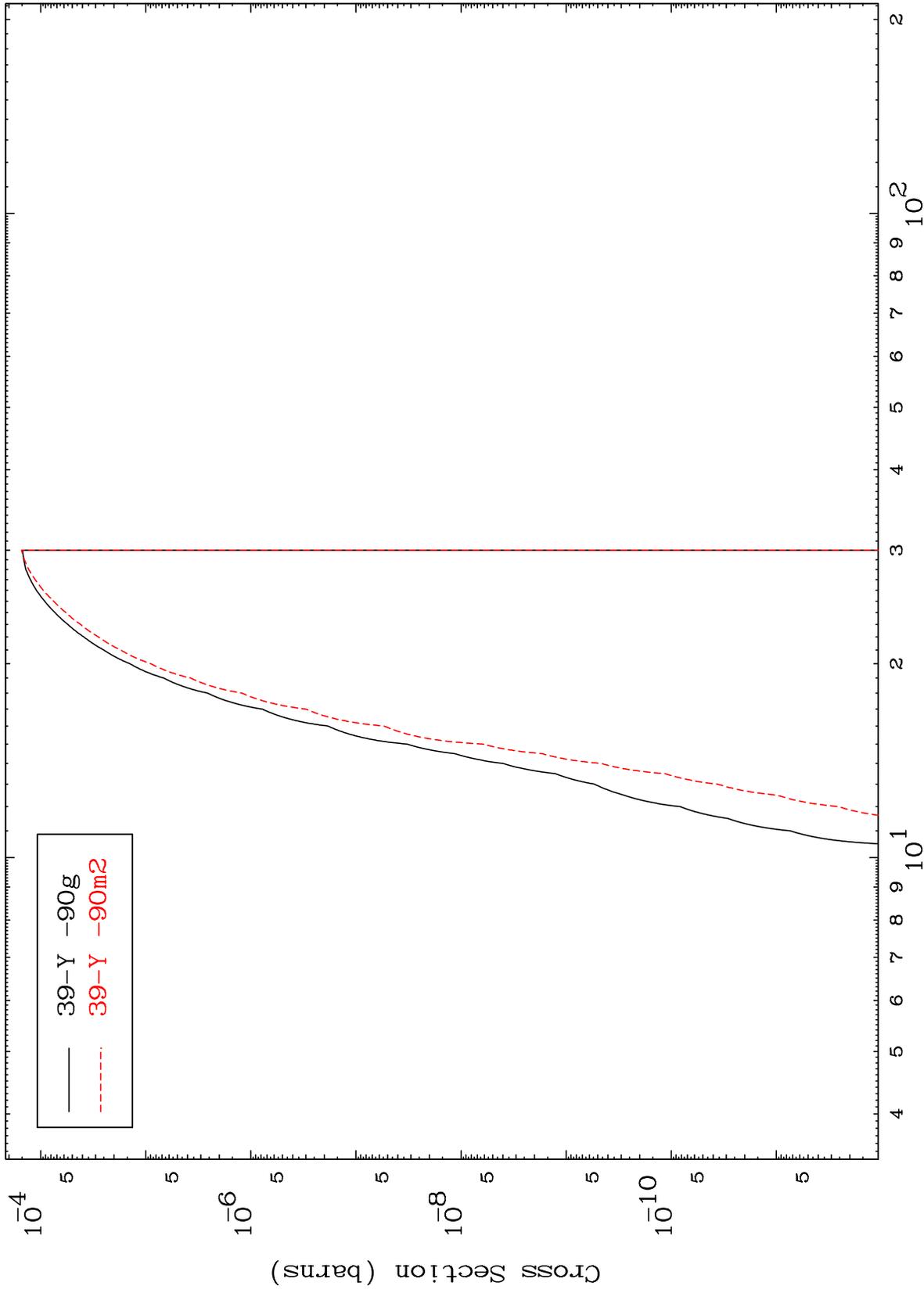
42-Mo-94

MAT 4231

(n,p) α

42-Mo-94

Radionuclide Production Cross Section



39-Y -90g
39-Y -90m2

143

Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,d) α

42-Mo-94

Radionuclide Production Cross Section

