

Program EVALPLOT
(Version 2021-1)

by

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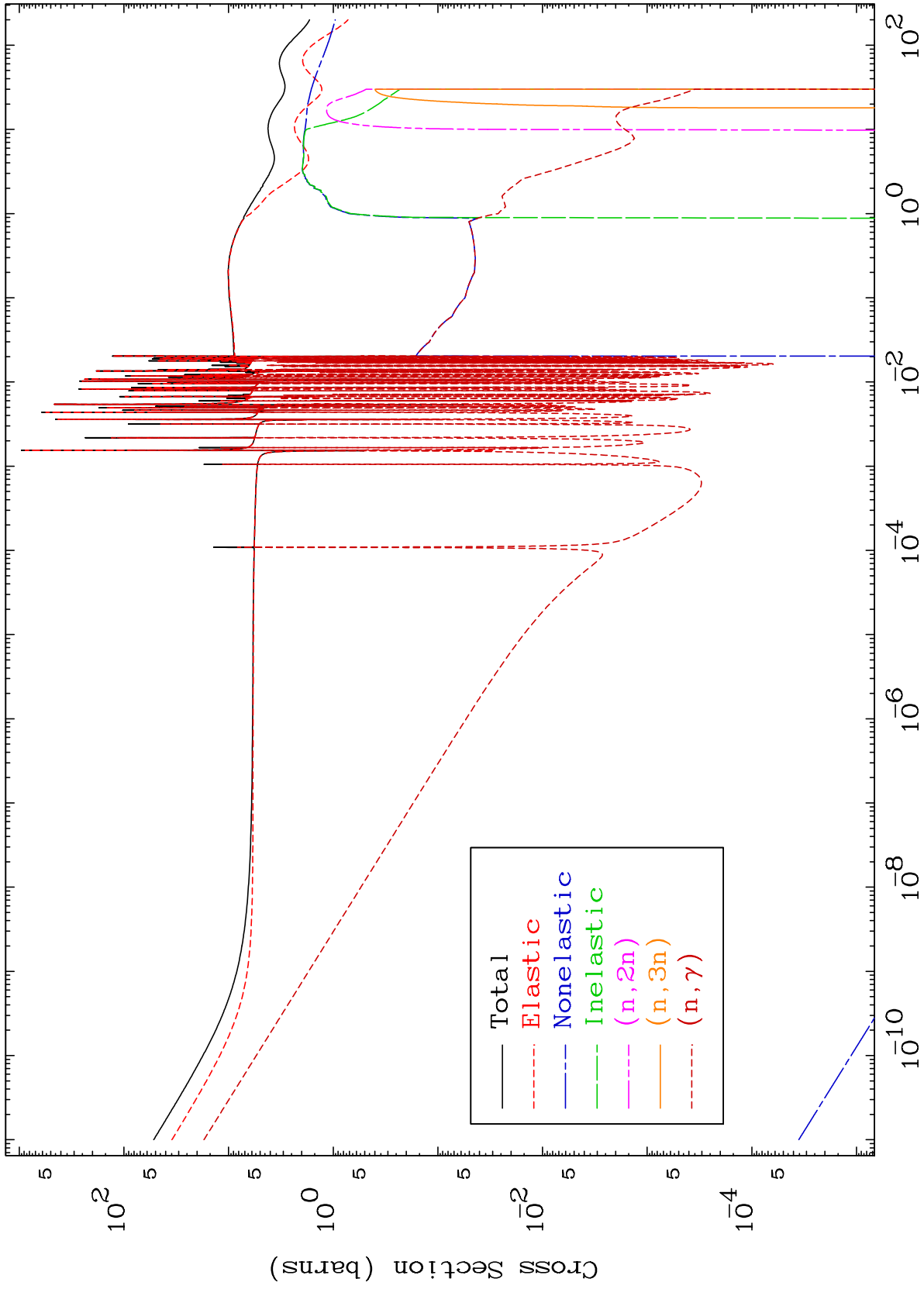
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4231

Neutron Major
293 Kelvin Cross Sections

42-Mo-94



1

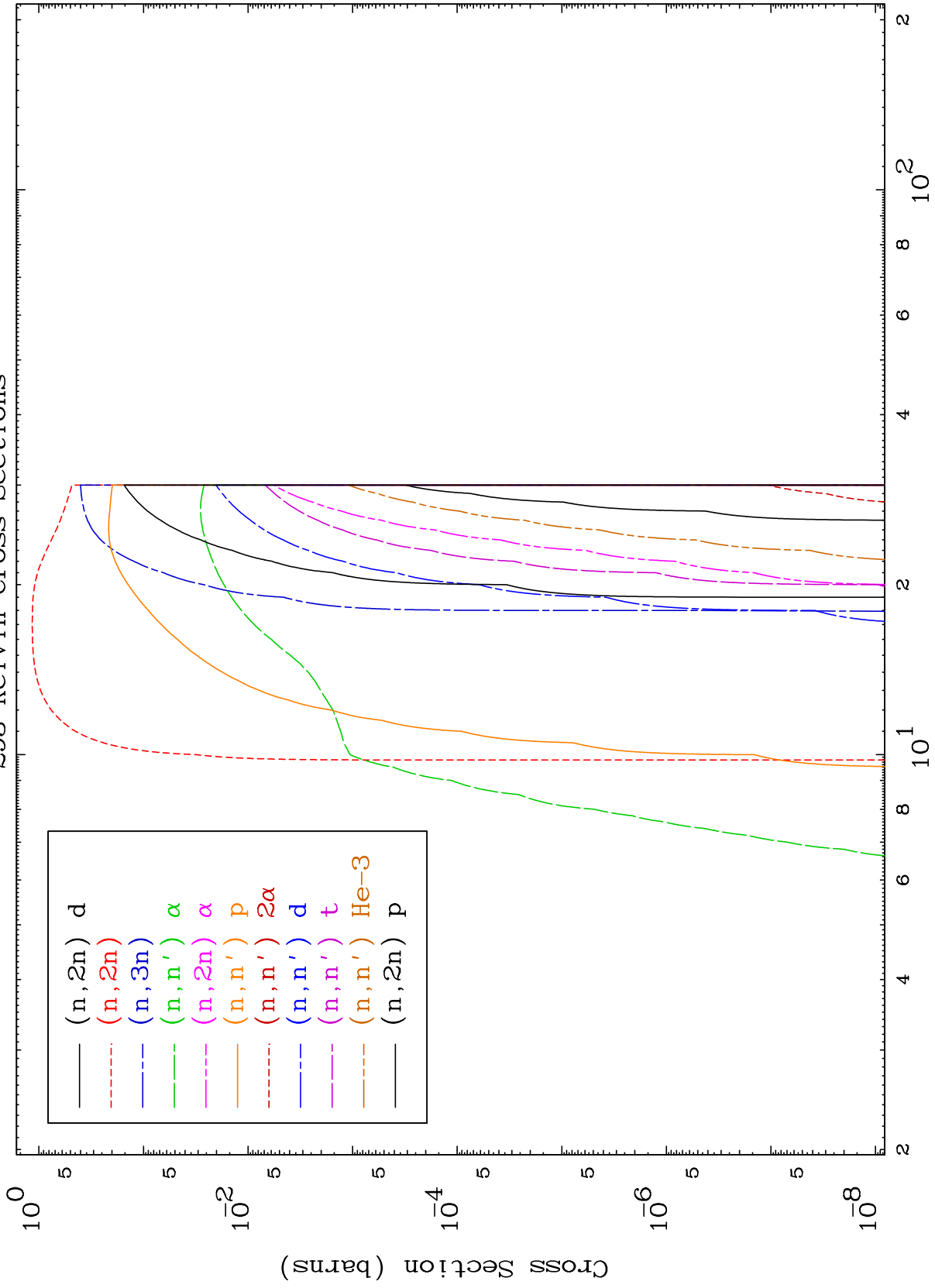
Incident Energy (MeV)

42-Mo-94

MAT 4231

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-94



2

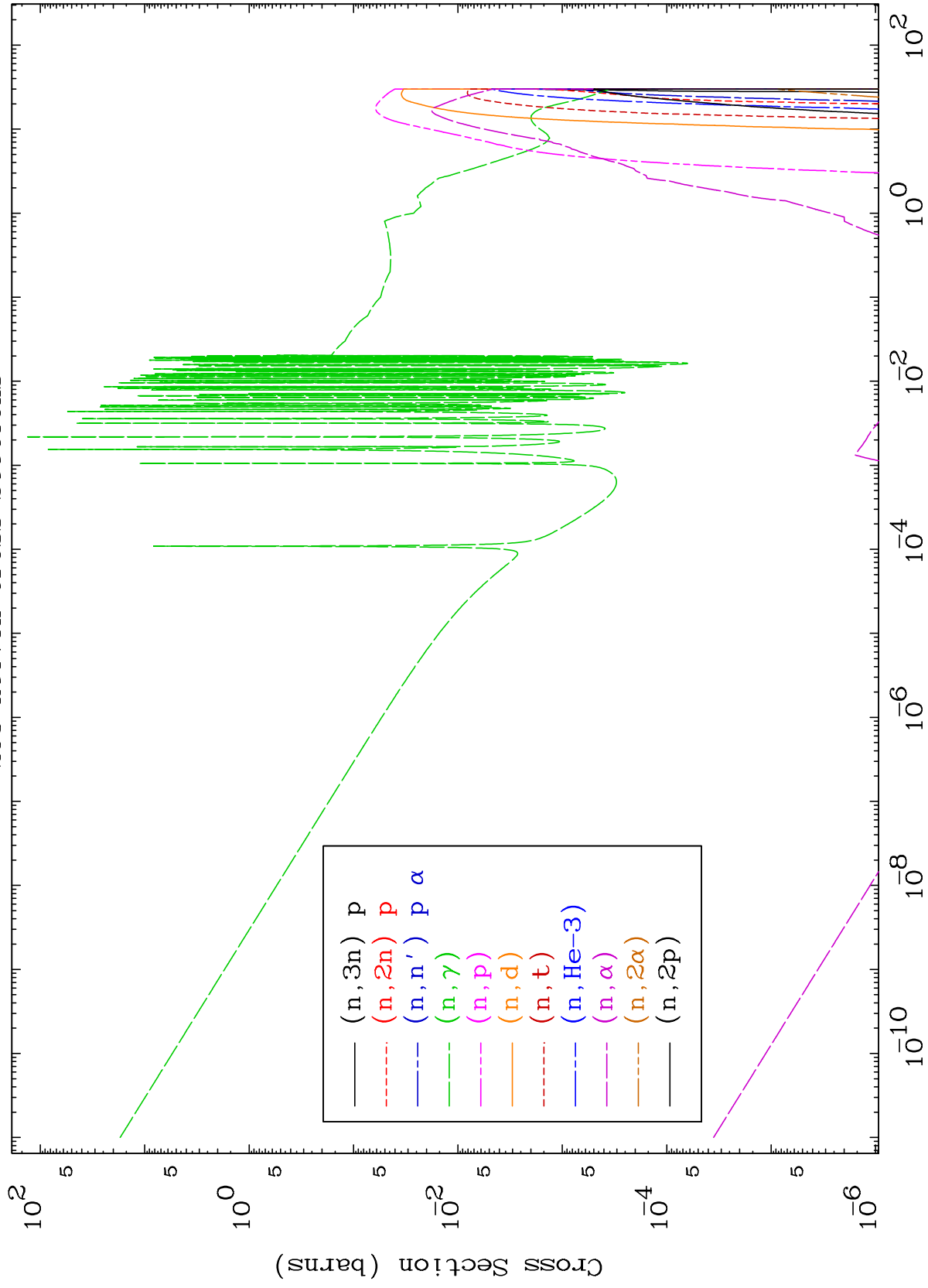
Incident Energy (MeV)

42-Mo-94

MAT 4231

Neutron Absorption
293 Kelvin Cross Sections

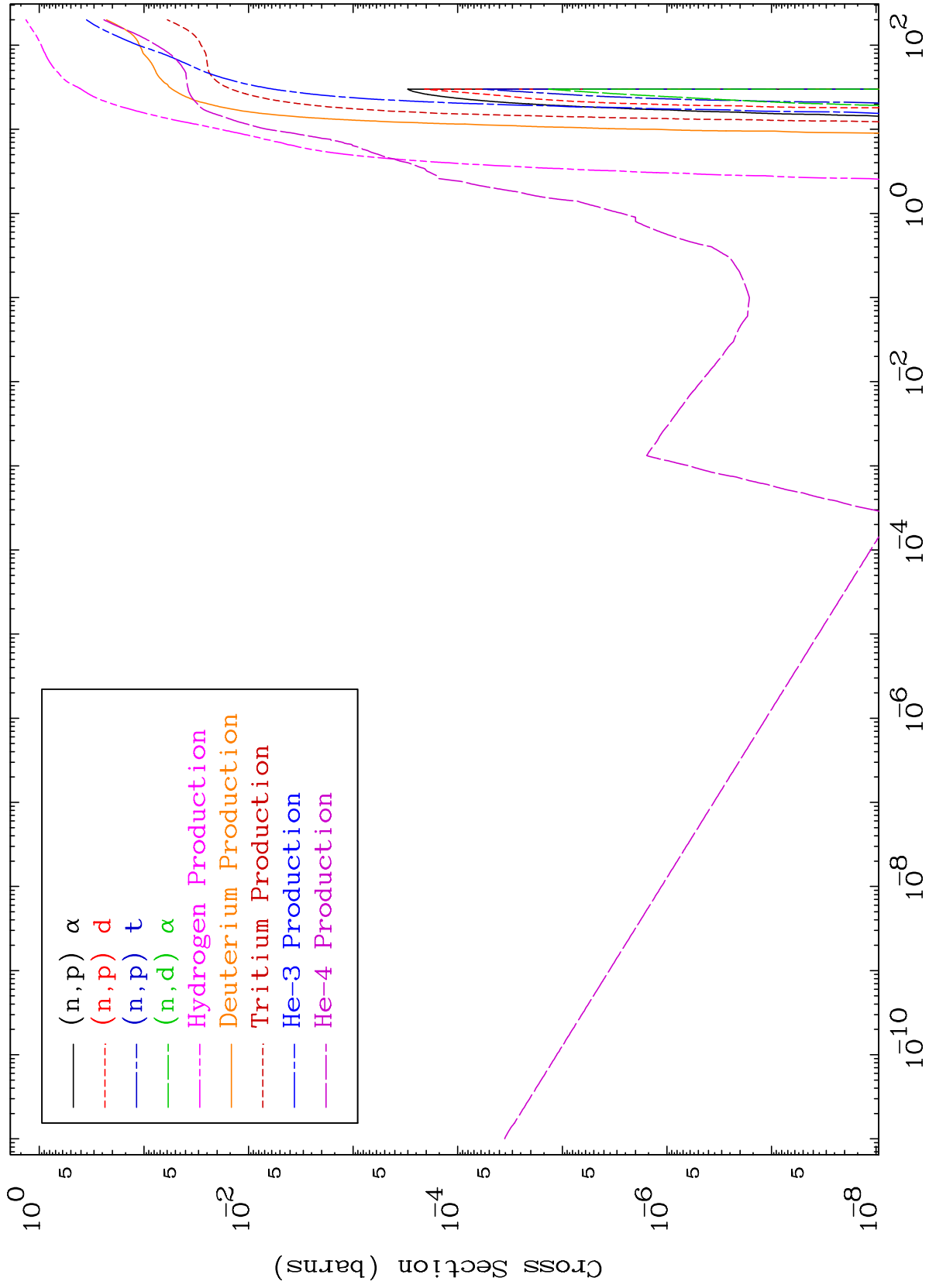
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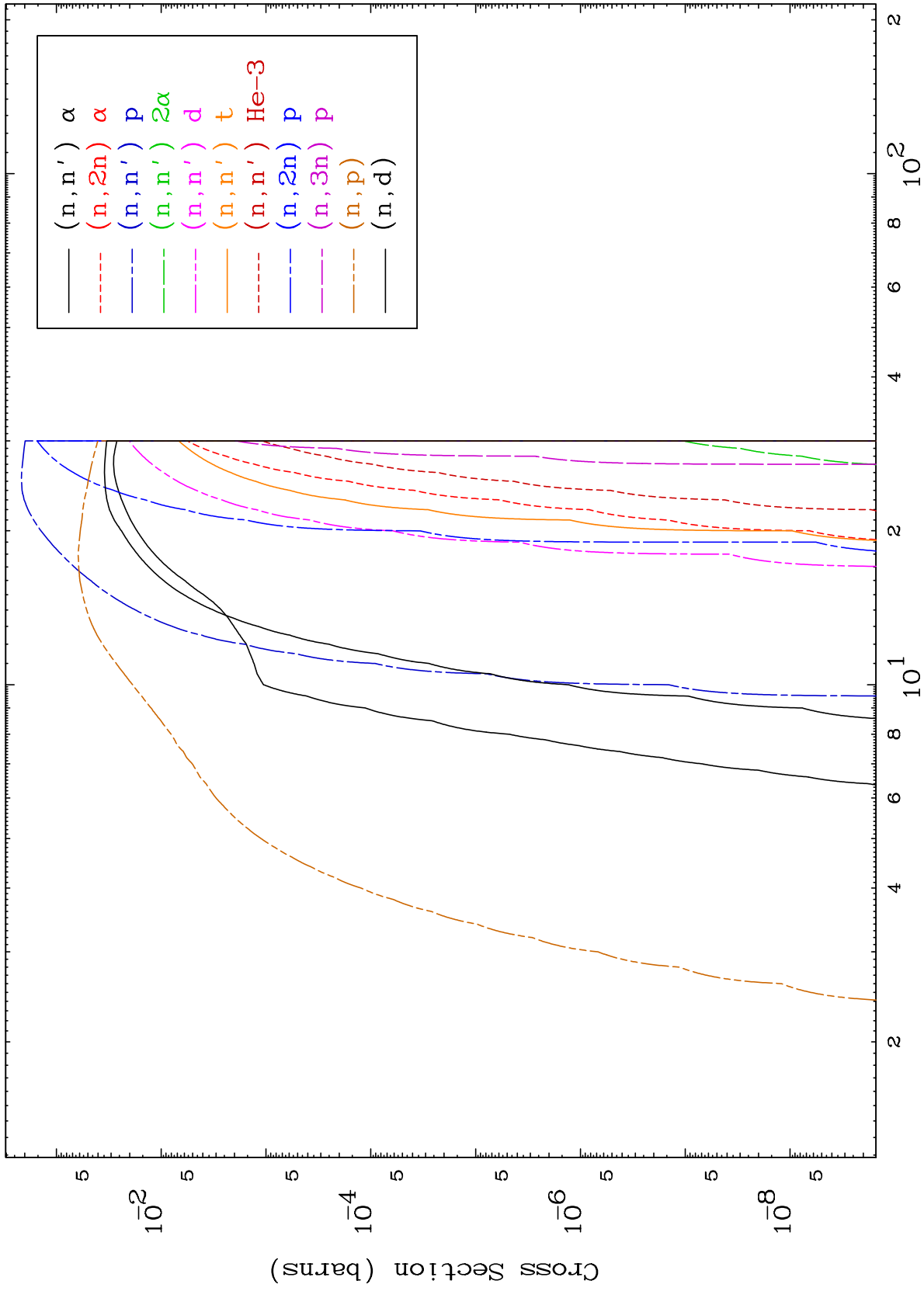


MAT 4231

Neutron Absorption
293 Kelvin Cross Sections

42-Mo-94

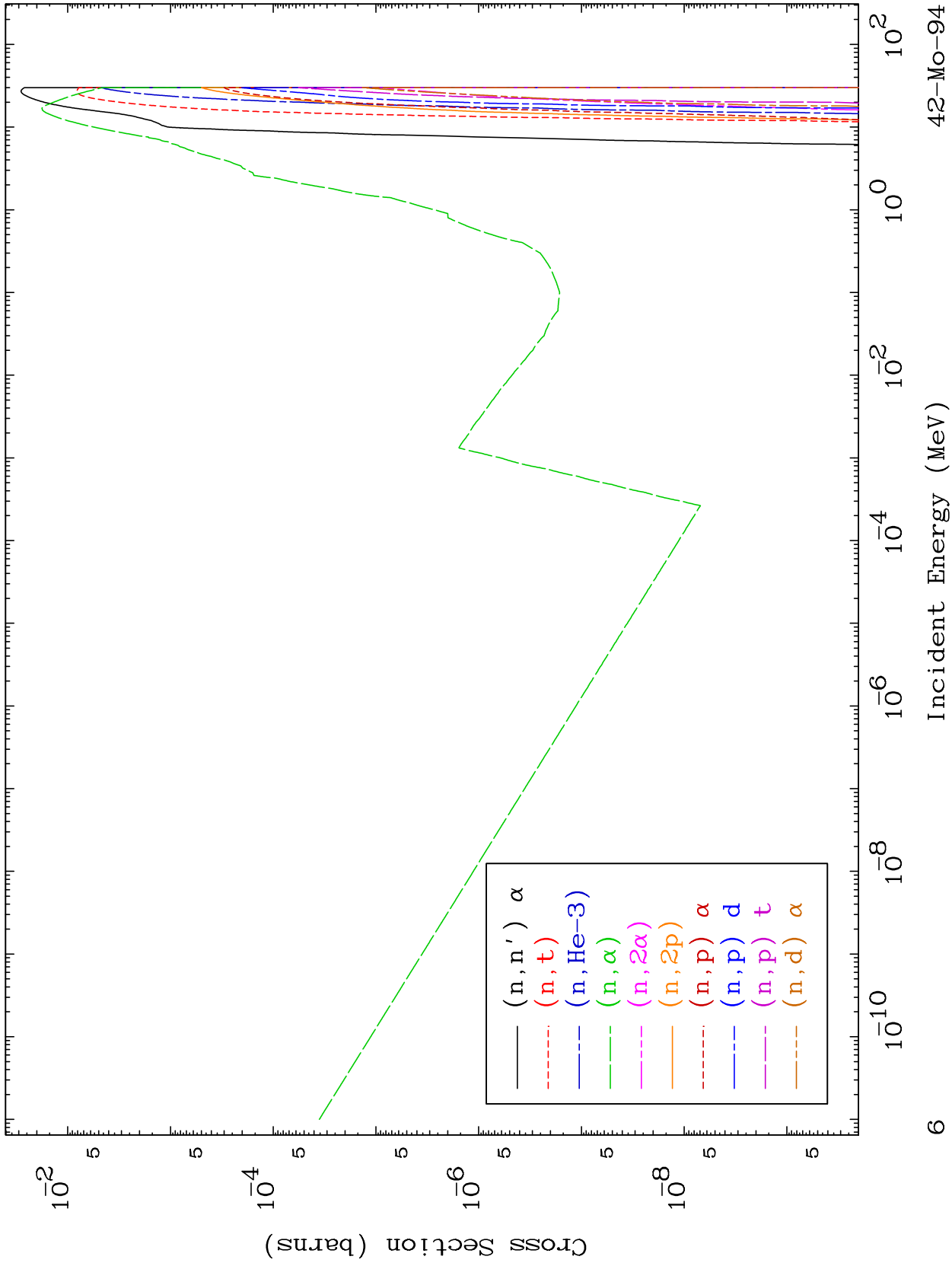




MAT 4231

Charged Particle
293 Kelvin Cross Sections

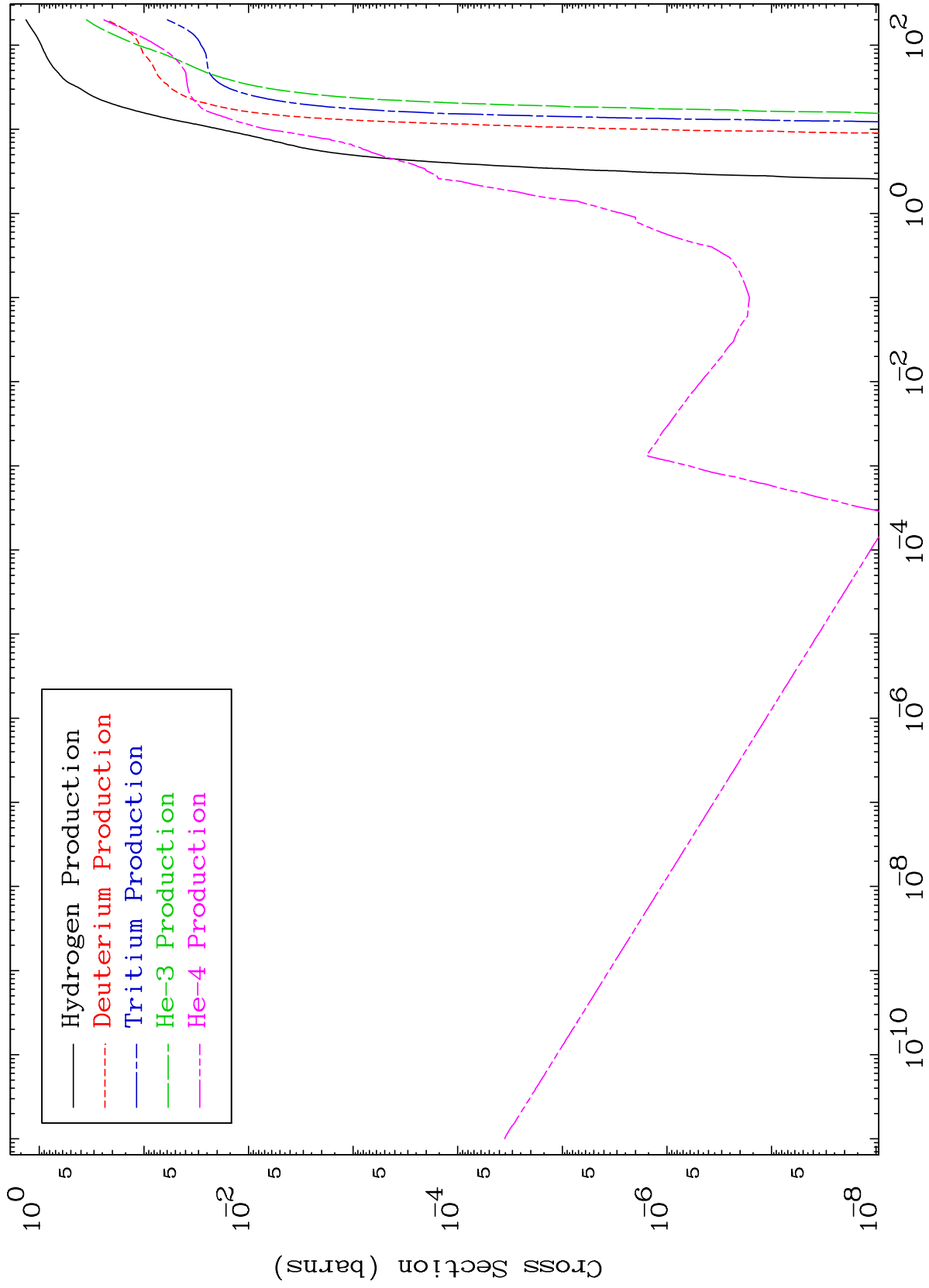
42-Mo-94



MAT 4231

Particle Production
293 Kelvin Cross Sections

42-Mo-94



7

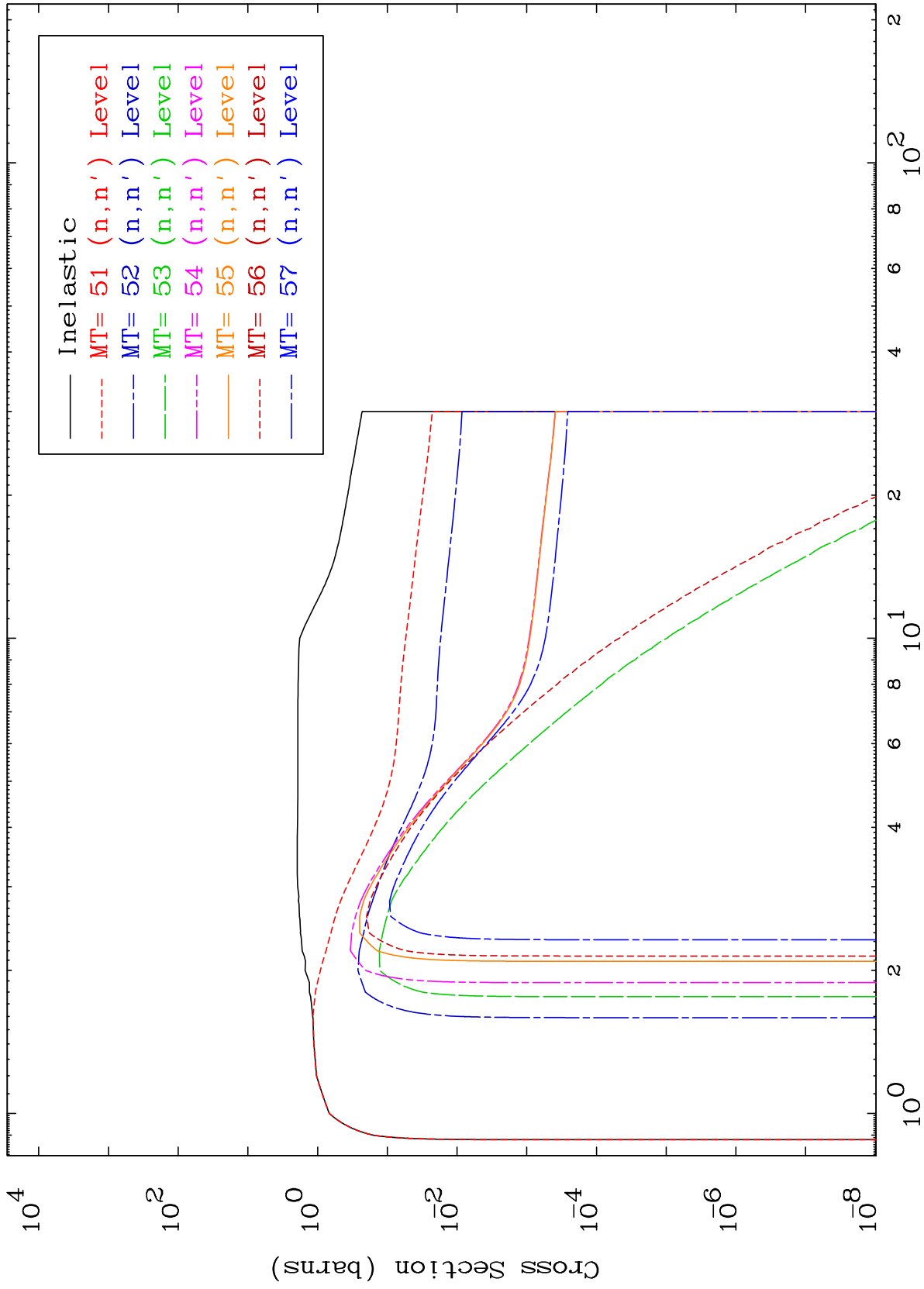
42-Mo-94

MAT 4231

(n,n') Levels

42-Mo-94

293 Kelvin Cross Sections



8

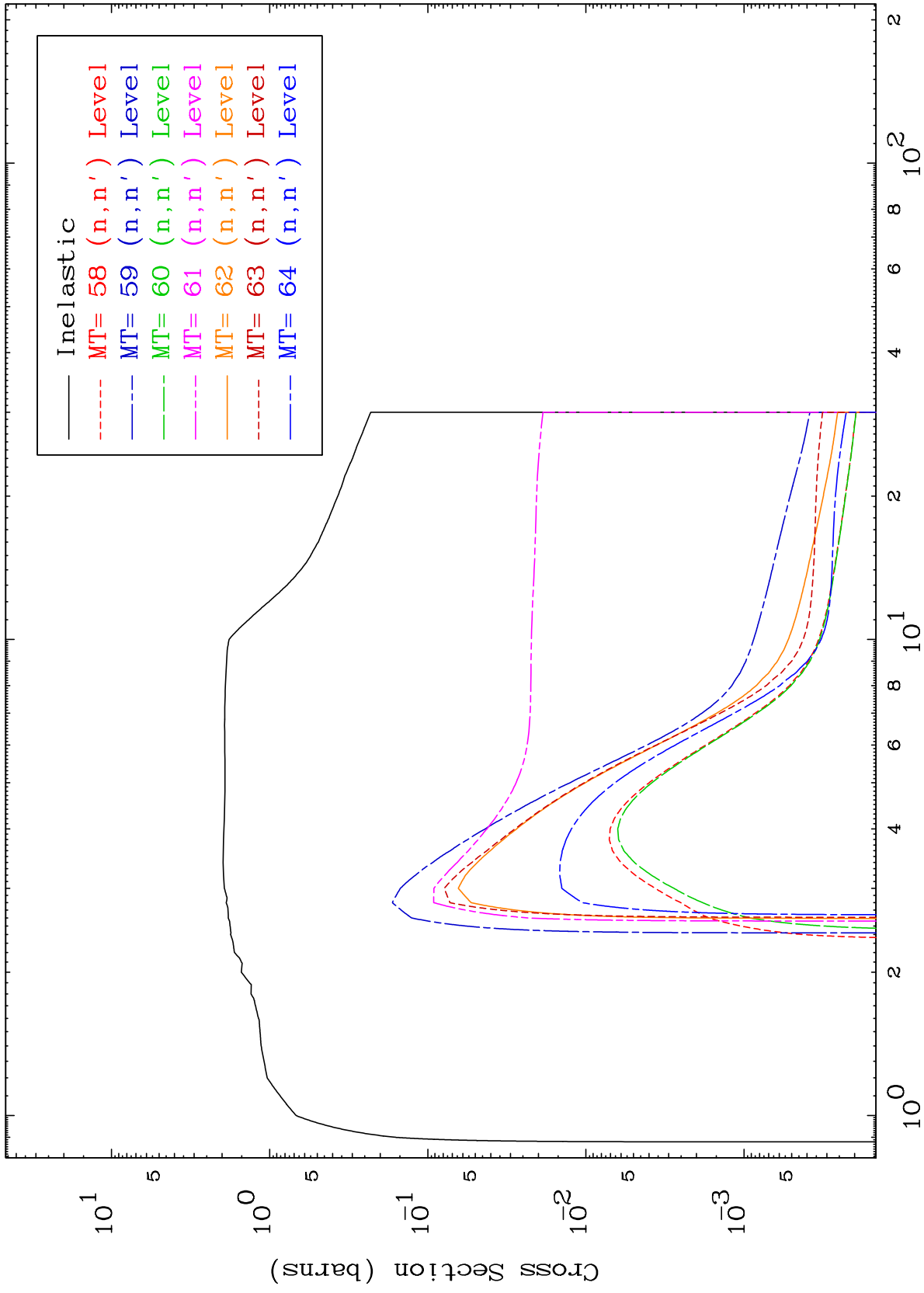
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,n') Levels
293 Kelvin Cross Sections

42-Mo-94



9

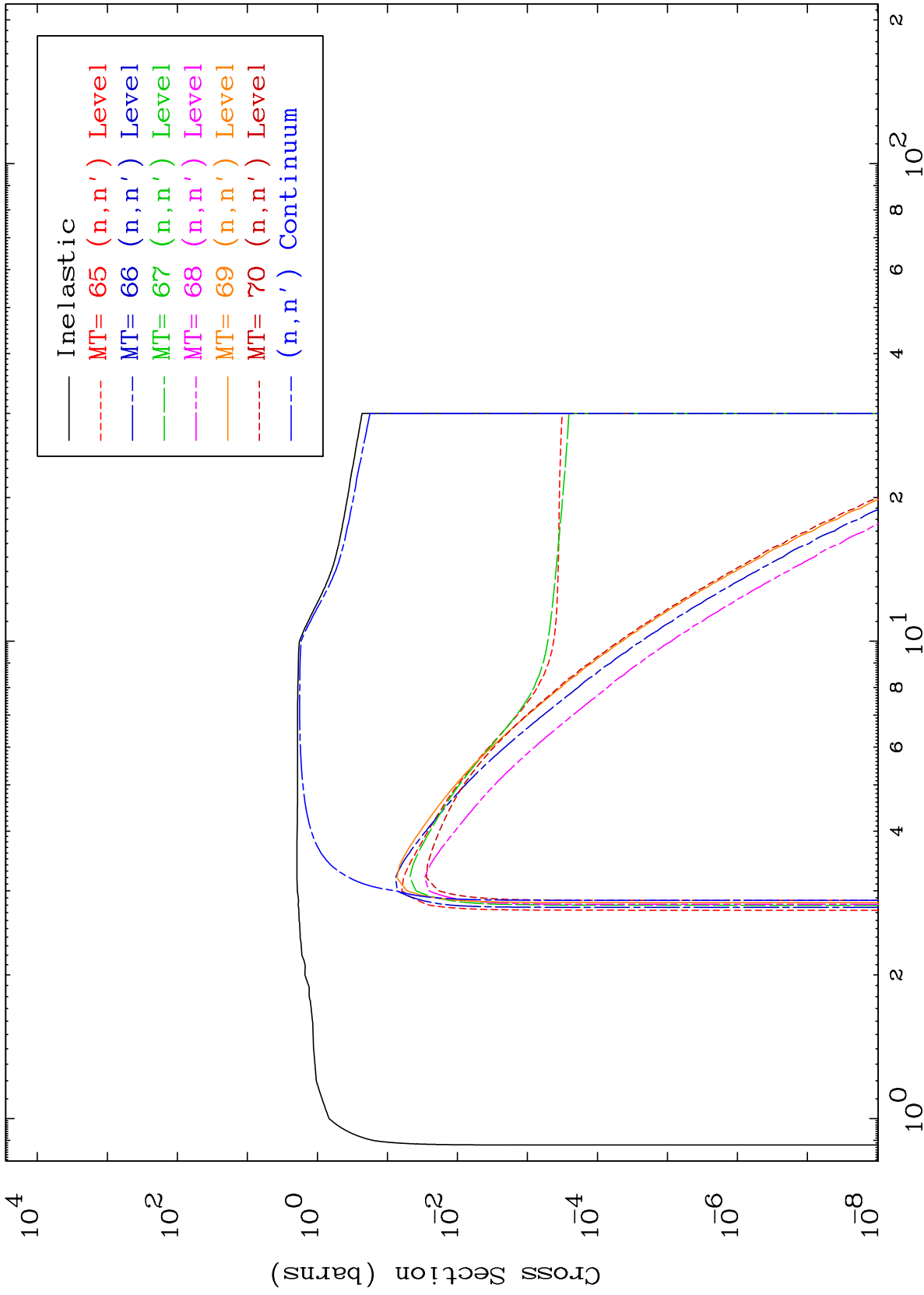
Incident Energy (MeV)

42-Mo-94

MAT 4231

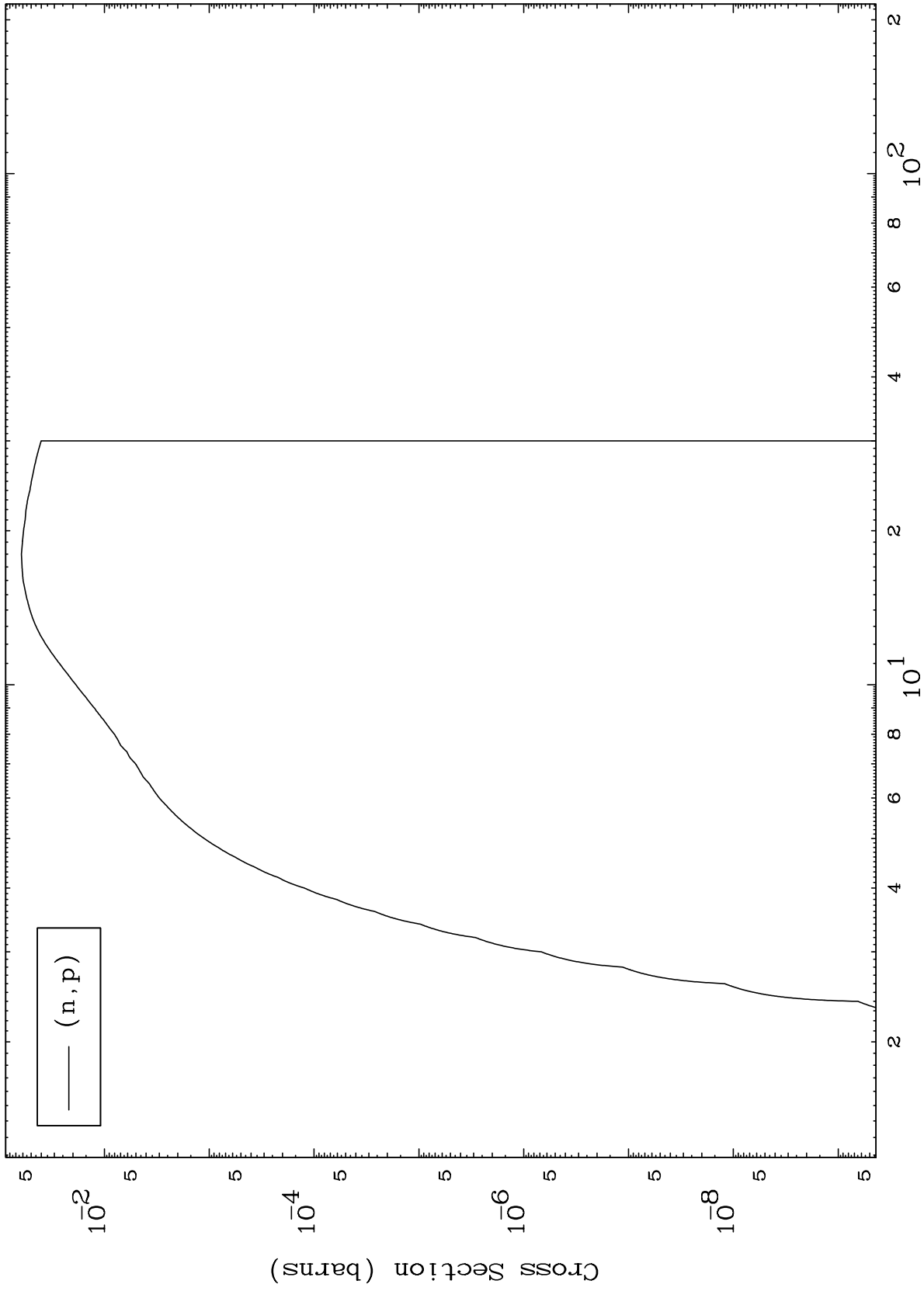
(n,n') Levels
293 Kelvin Cross Sections

42-Mo-94



Incident Energy (MeV)

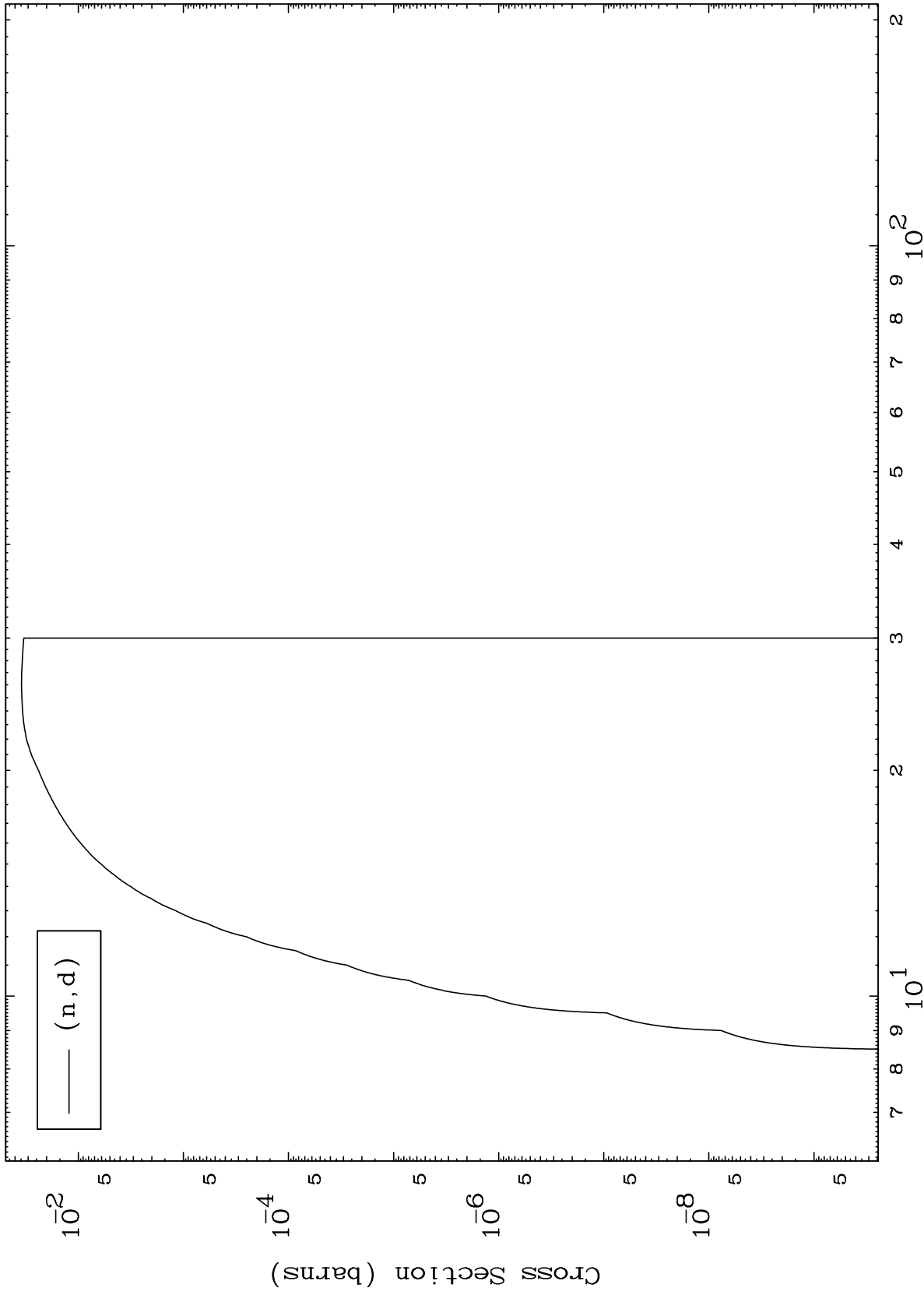
42-Mo-94



MAT 4231

(n,d) Levels
293 Kelvin Cross Sections

42-Mo-94



12

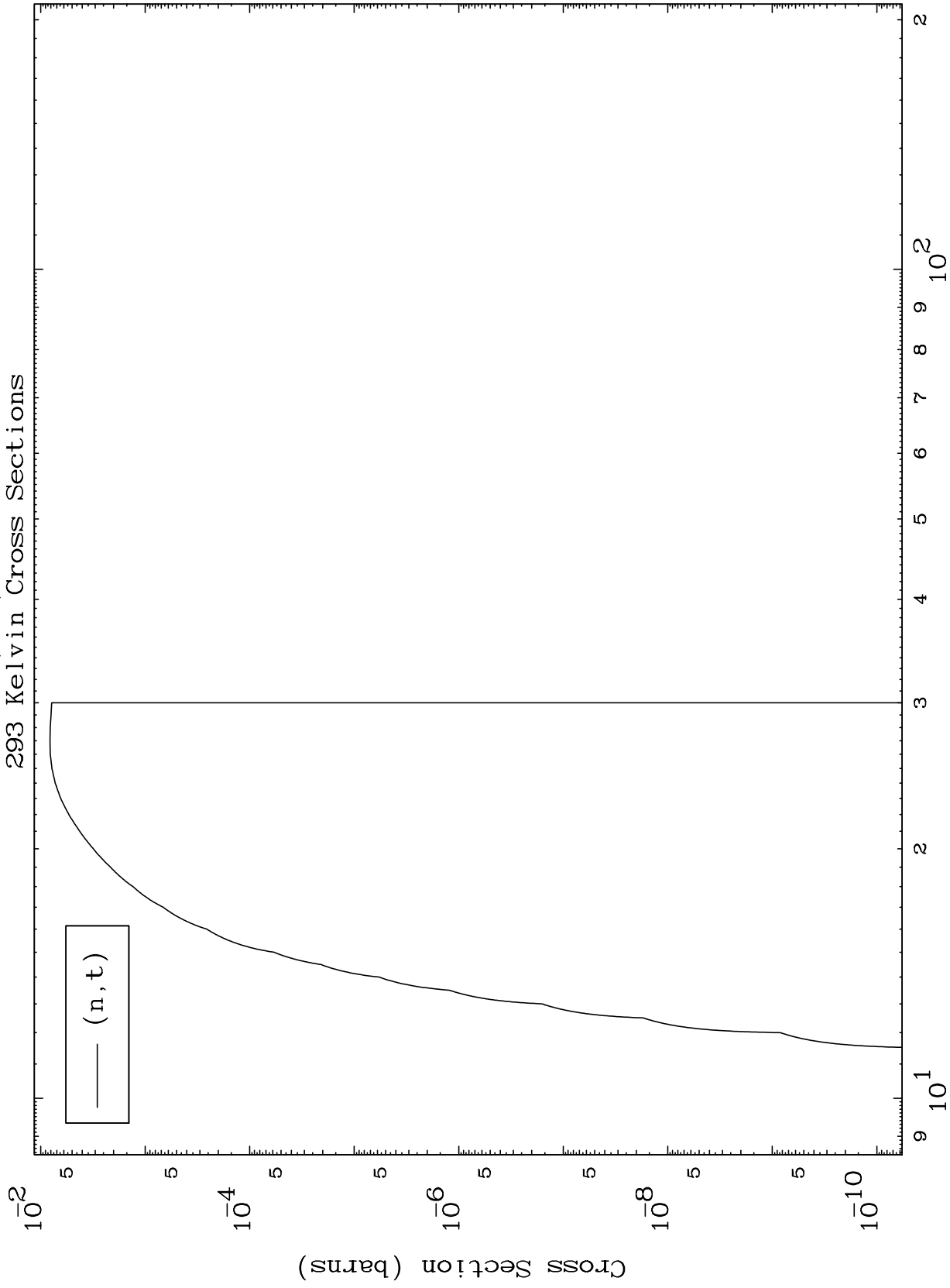
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-94



13

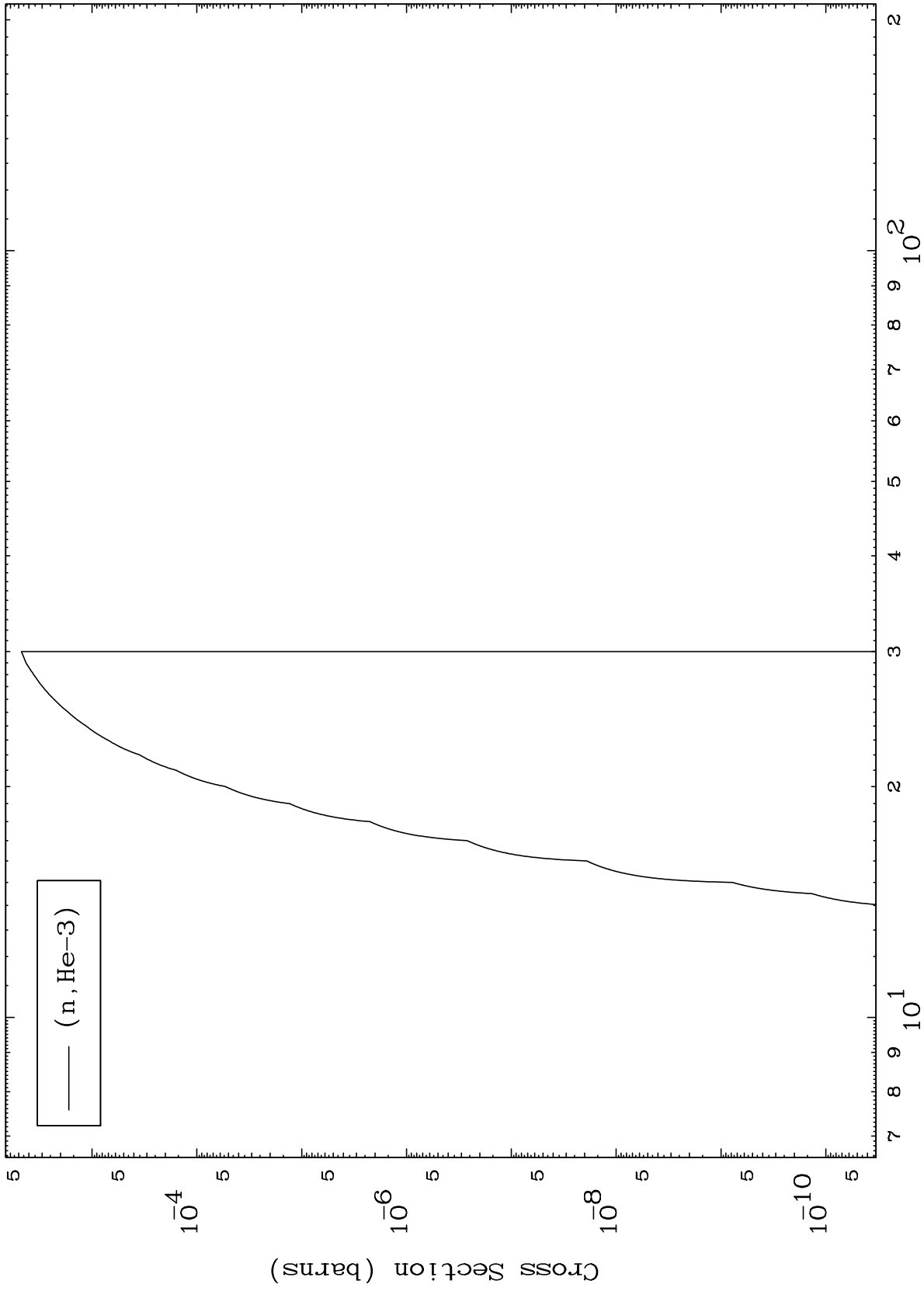
Incident Energy (MeV)

42-Mo-94

MAT 4231

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-94



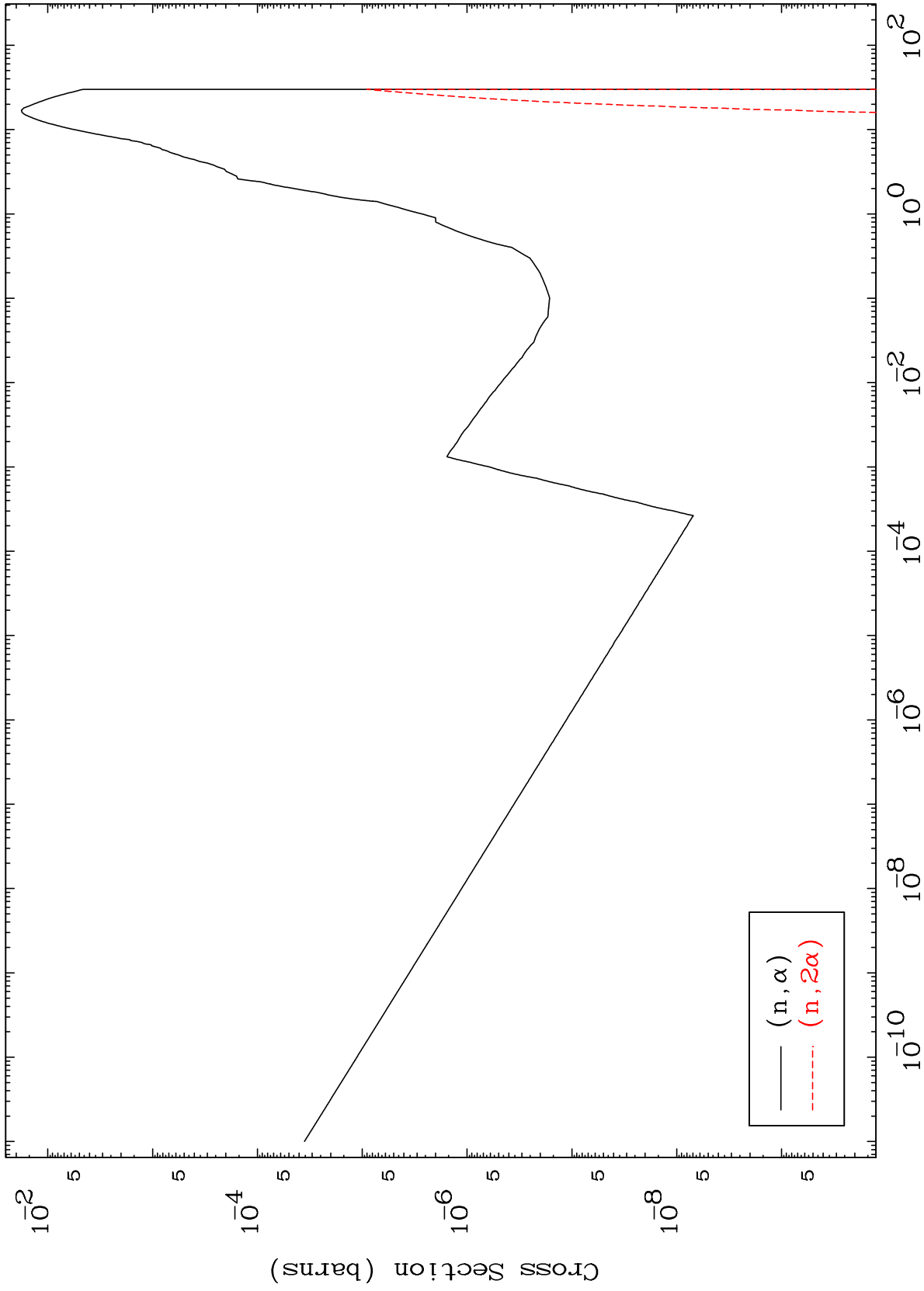
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42-Mo-94

MAT 4231

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-94



15

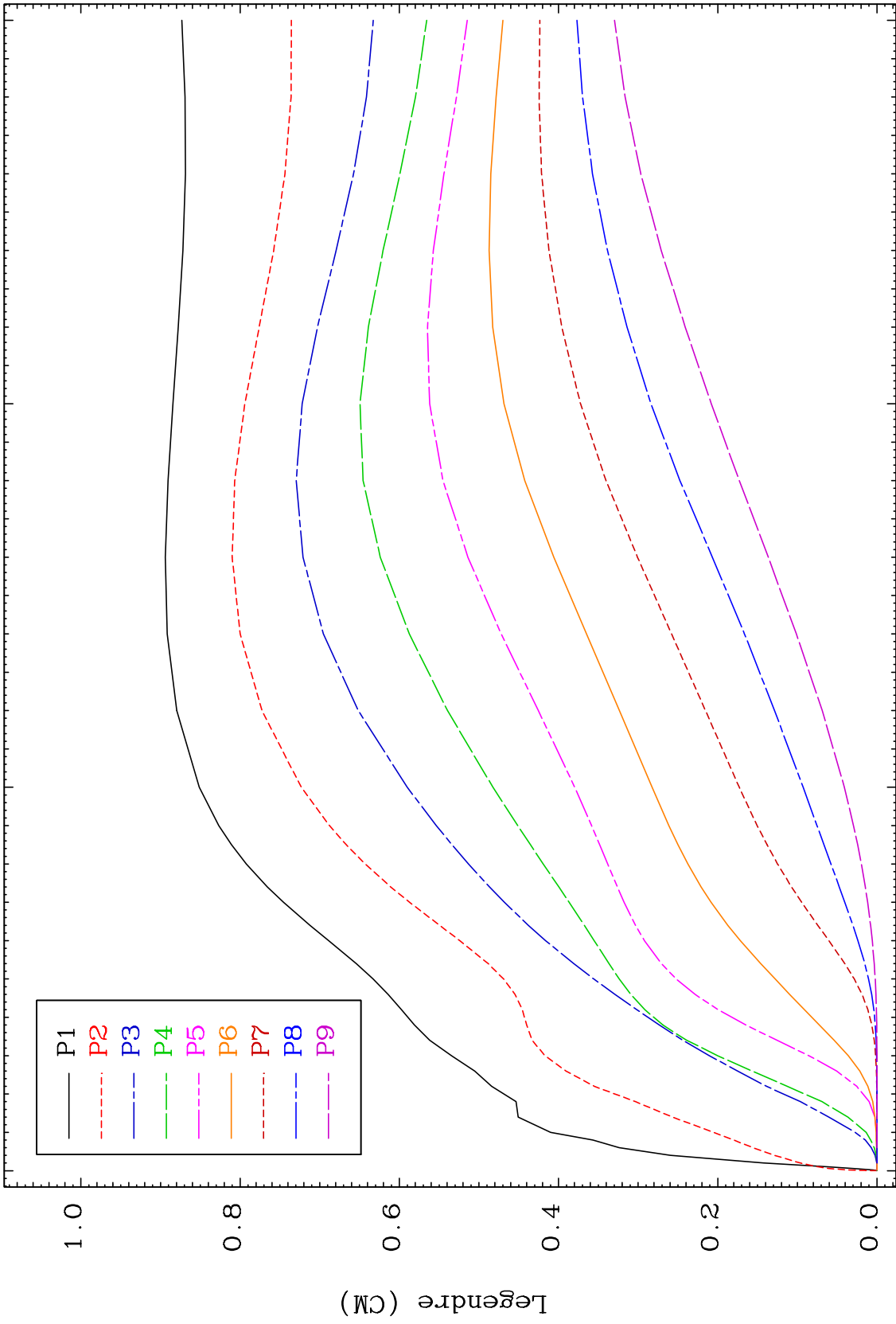
Incident Energy (MeV)

42-Mo-94

MAT 4231

Elastic Legendre Coefficients

42-Mo-94



16

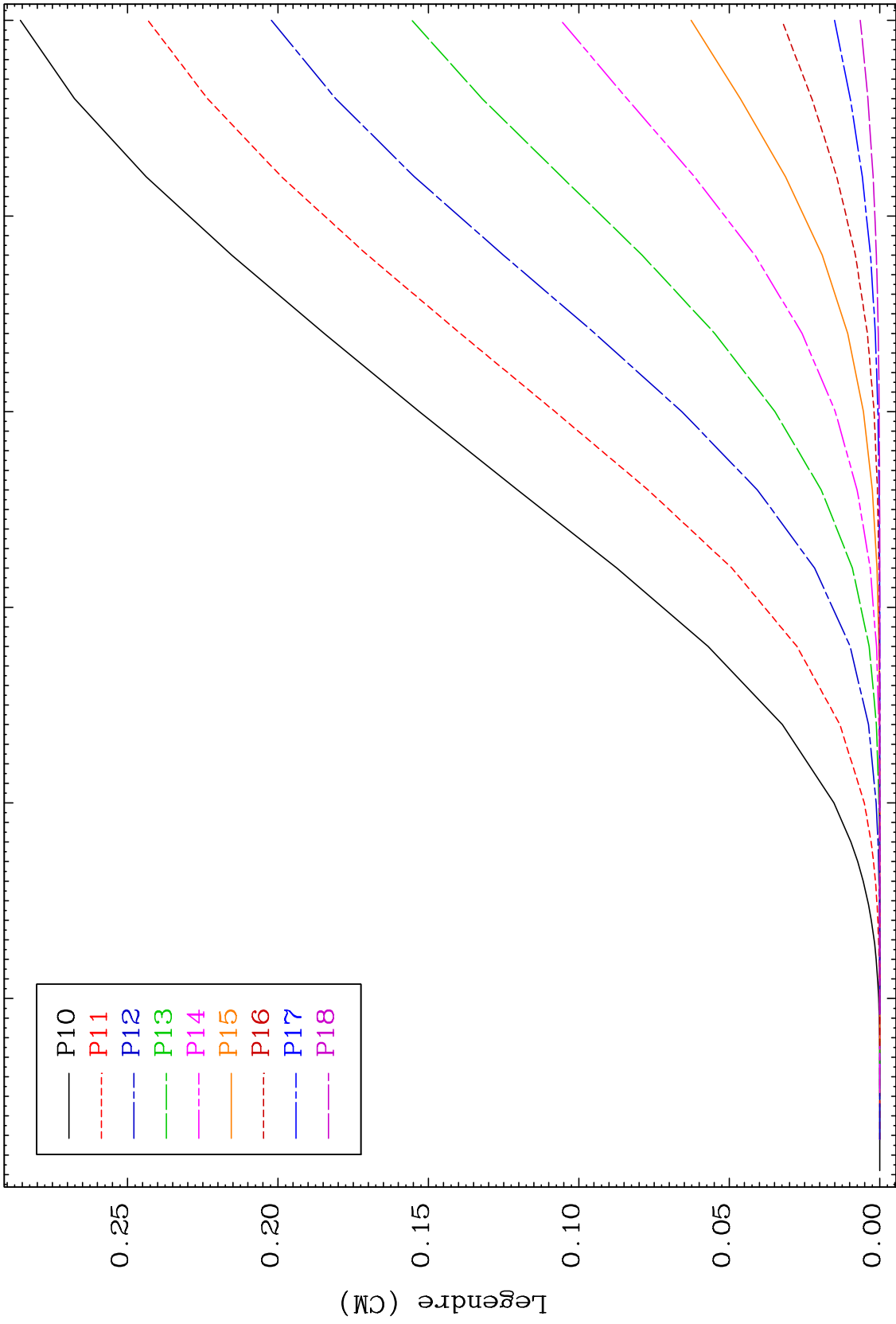
Incident Energy (MeV)

42-Mo-94

MAT 4231

Elastic
Legendre Coefficients

42-Mo-94



17

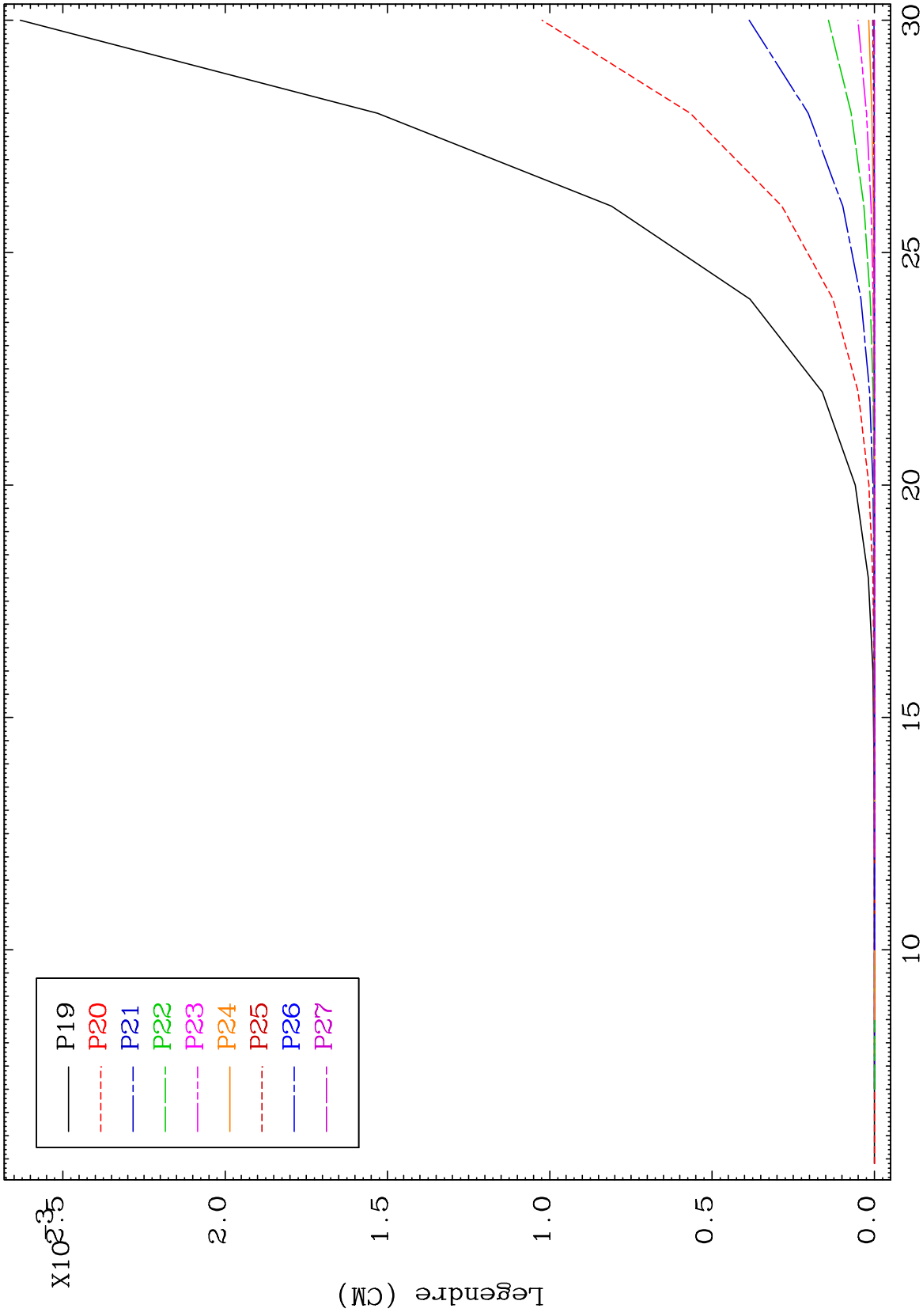
Incident Energy (MeV)

42-Mo-94

MAT 4231

Elastic Legendre Coefficients

42-Mo-94



18

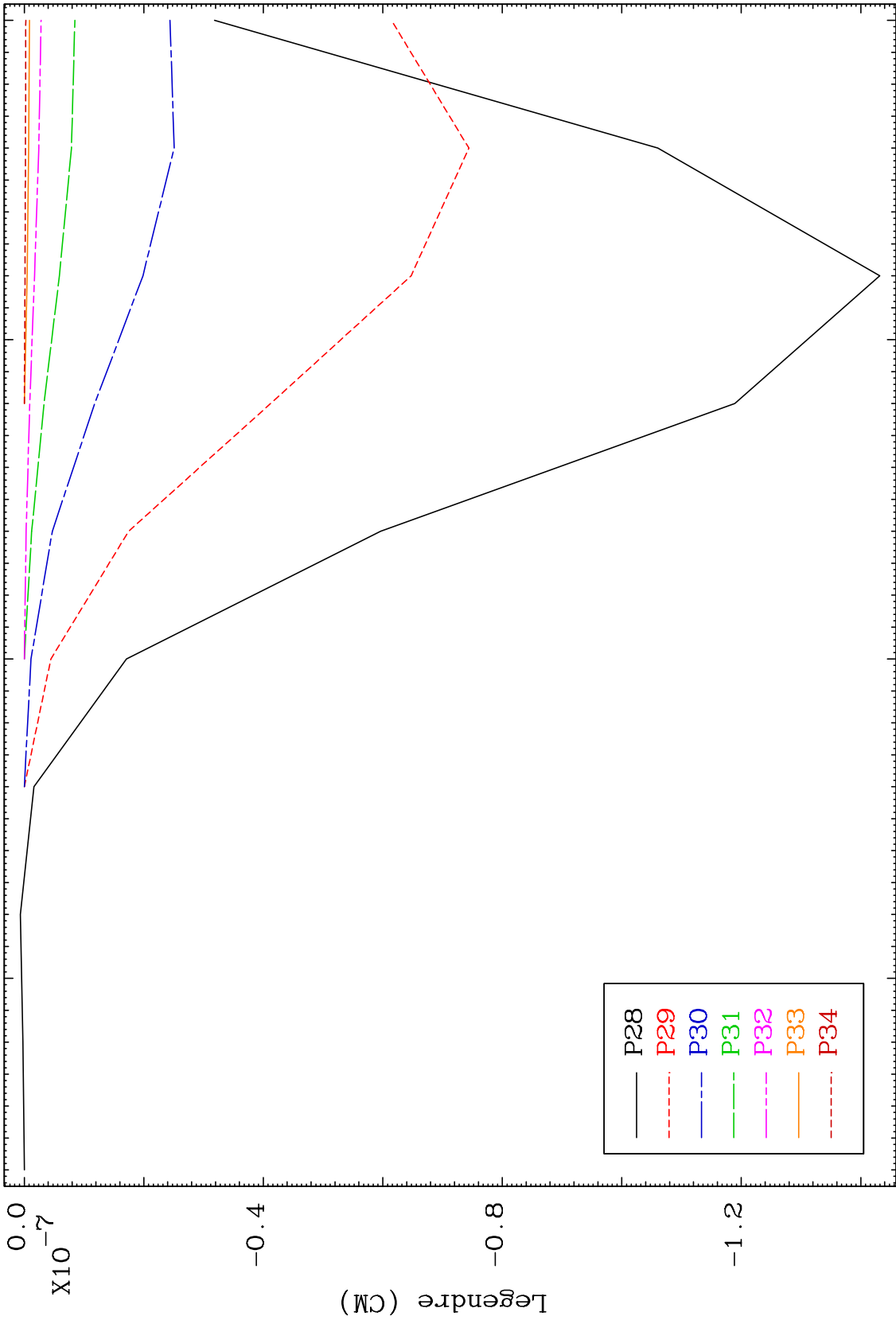
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

Elastic
Legendre Coefficients



19

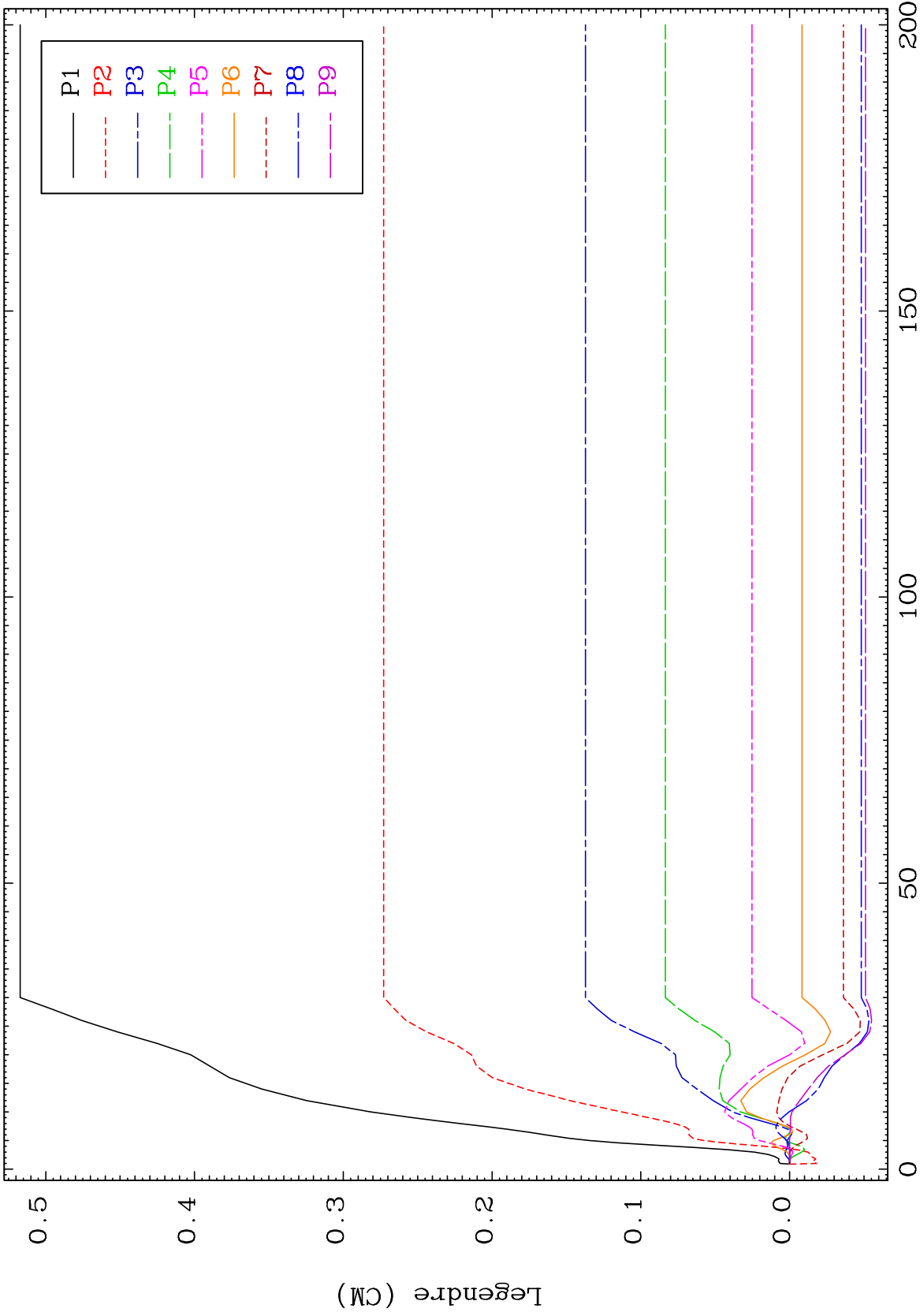
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



20

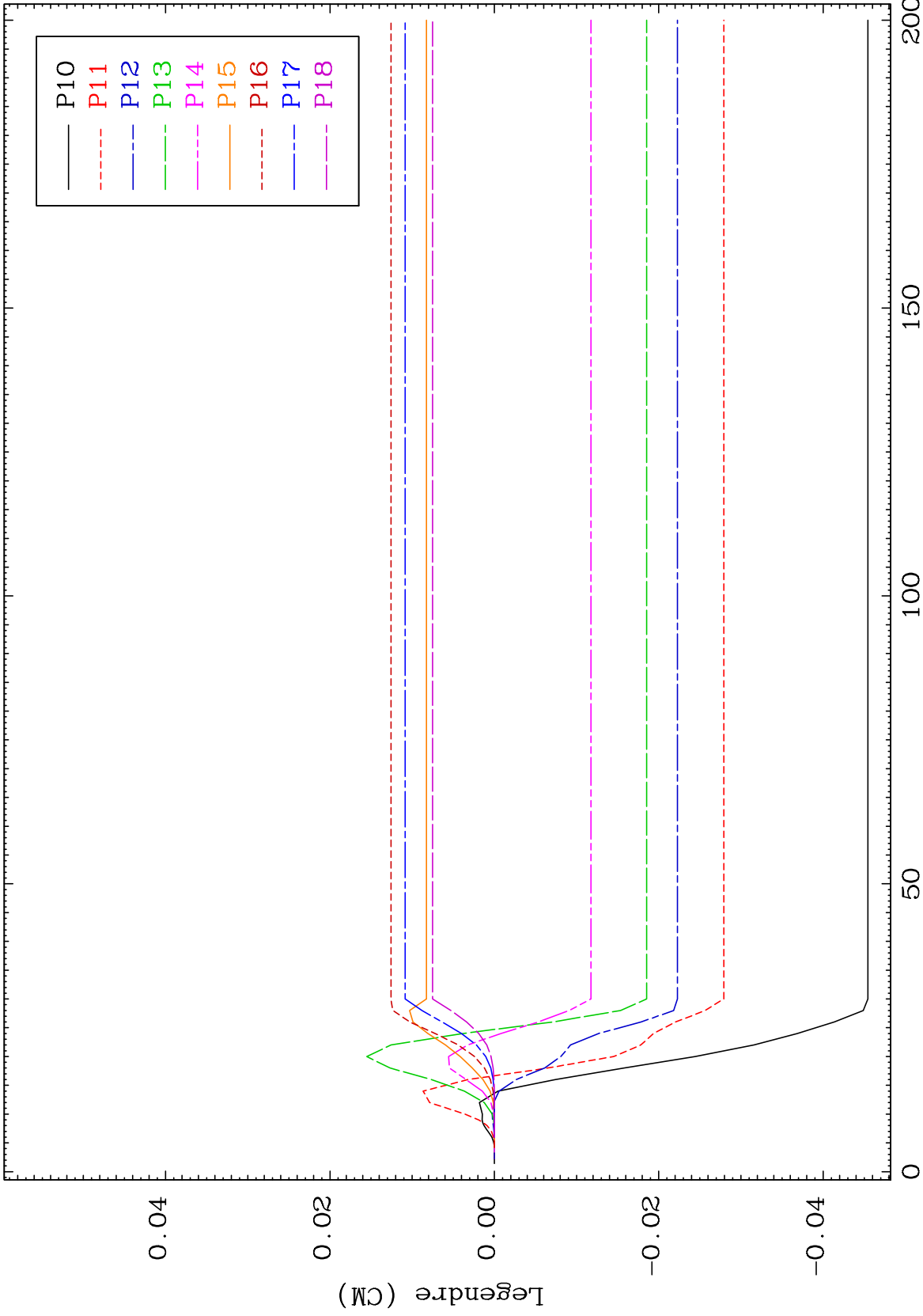
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



21

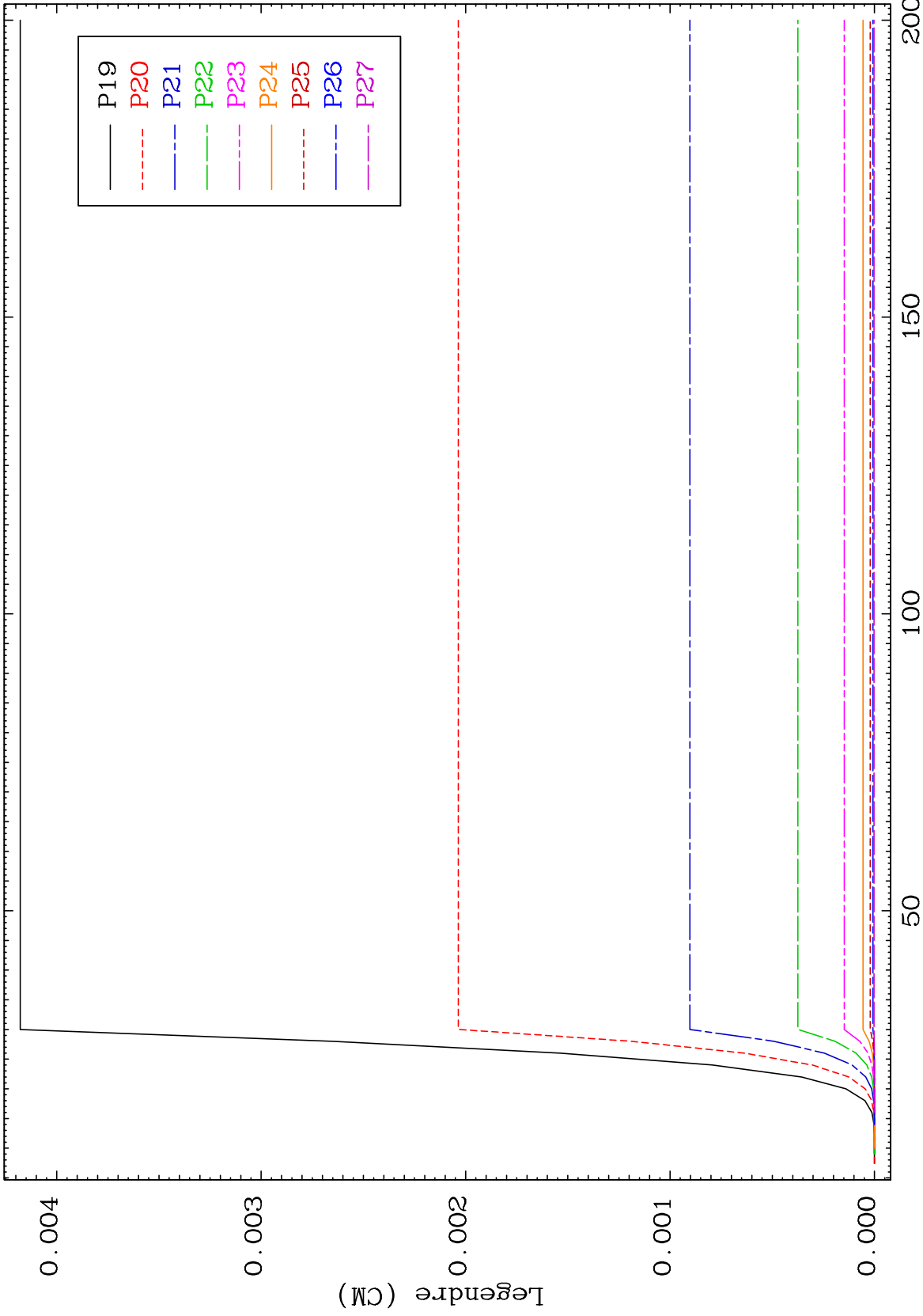
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



22

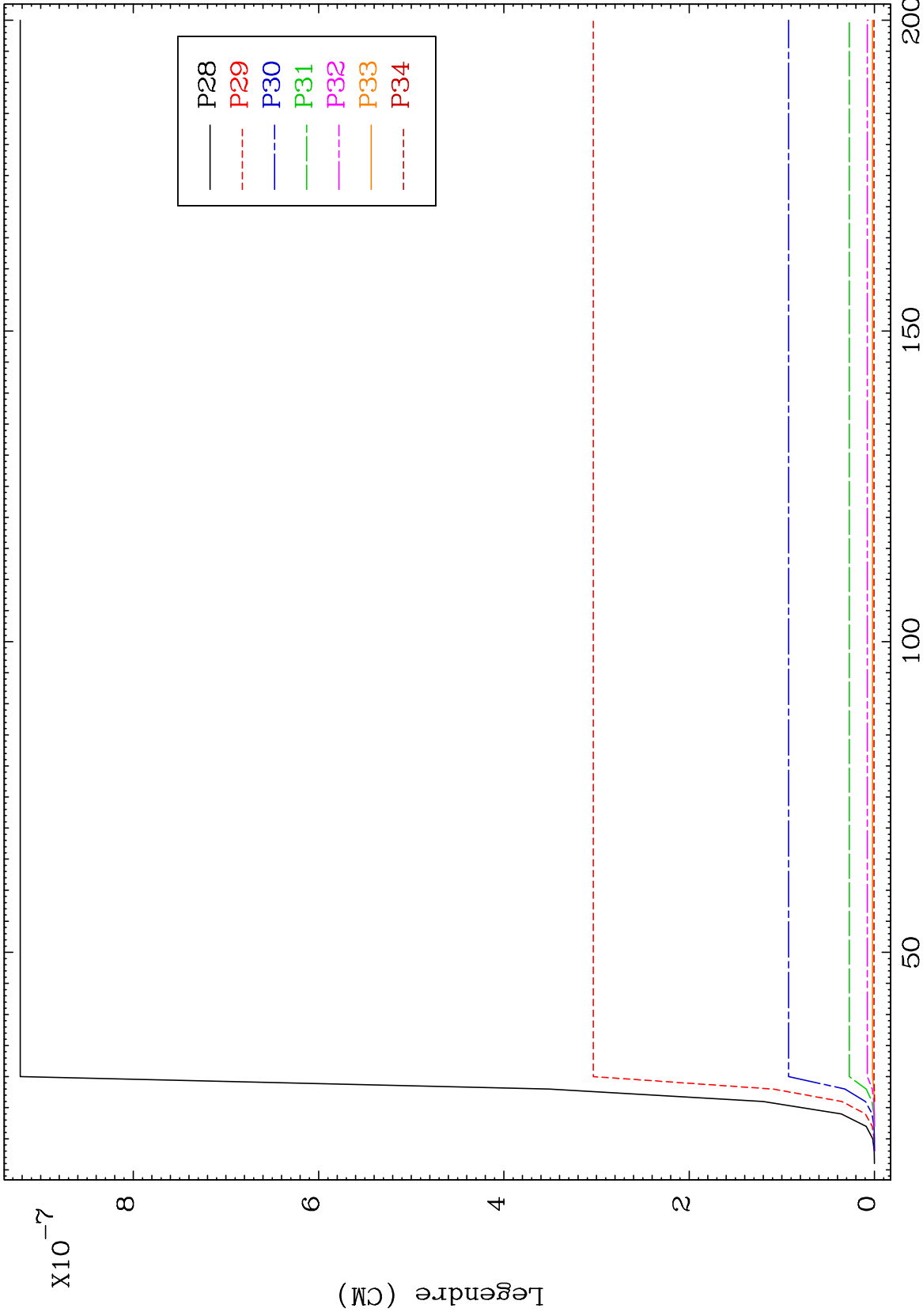
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



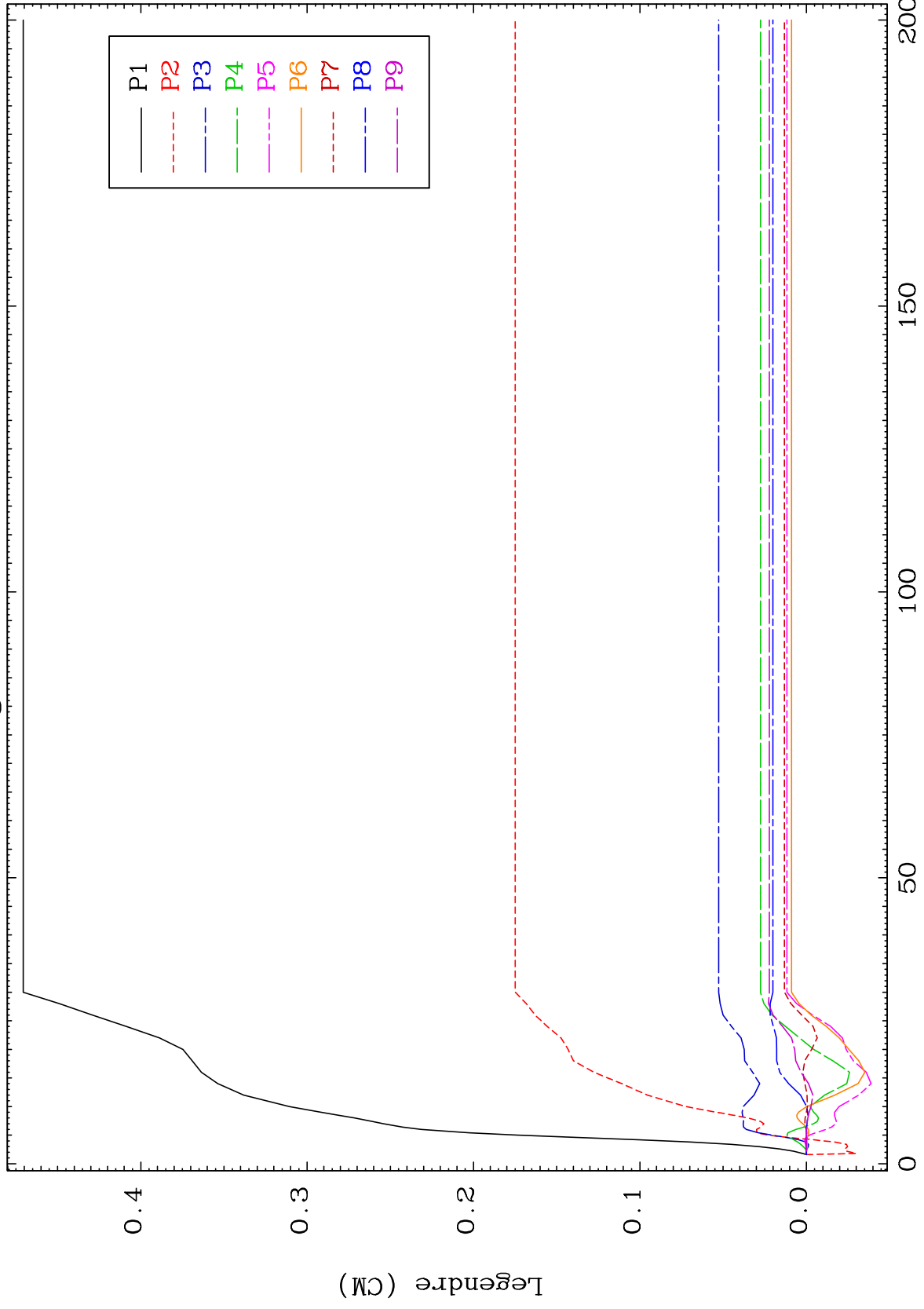
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42-Mo-94

MAT 4231

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

42-Mo-94



24

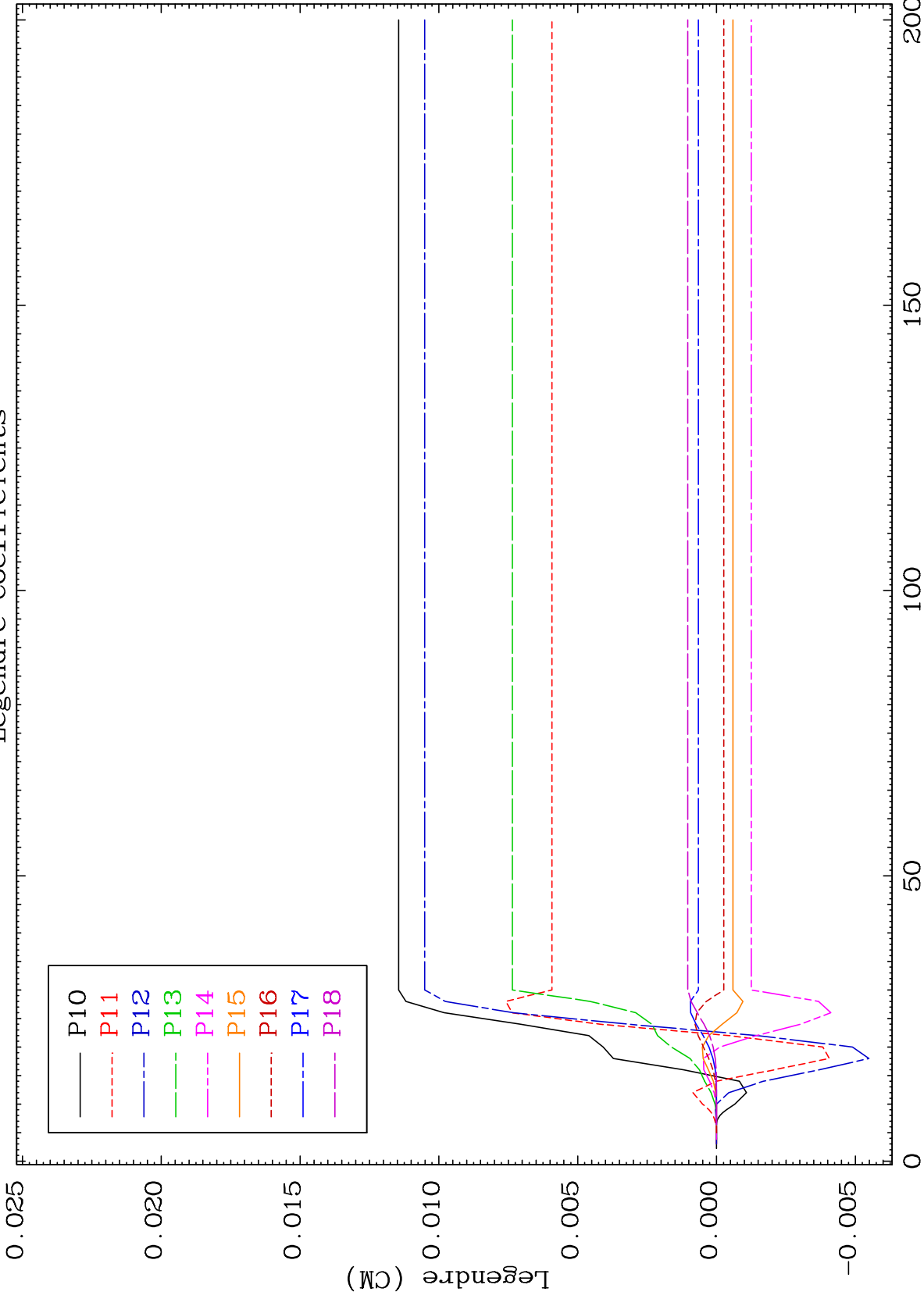
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



25

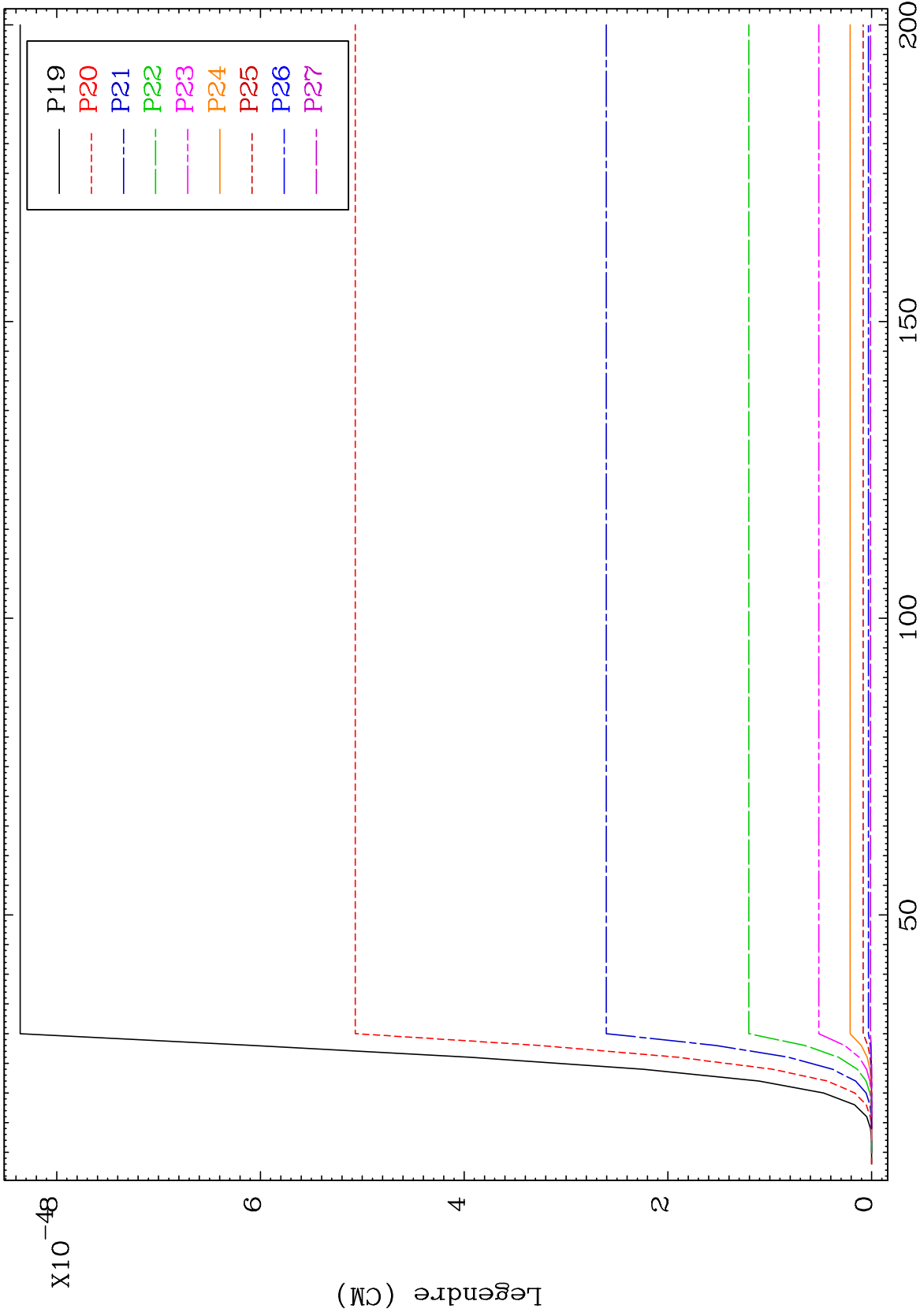
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



26

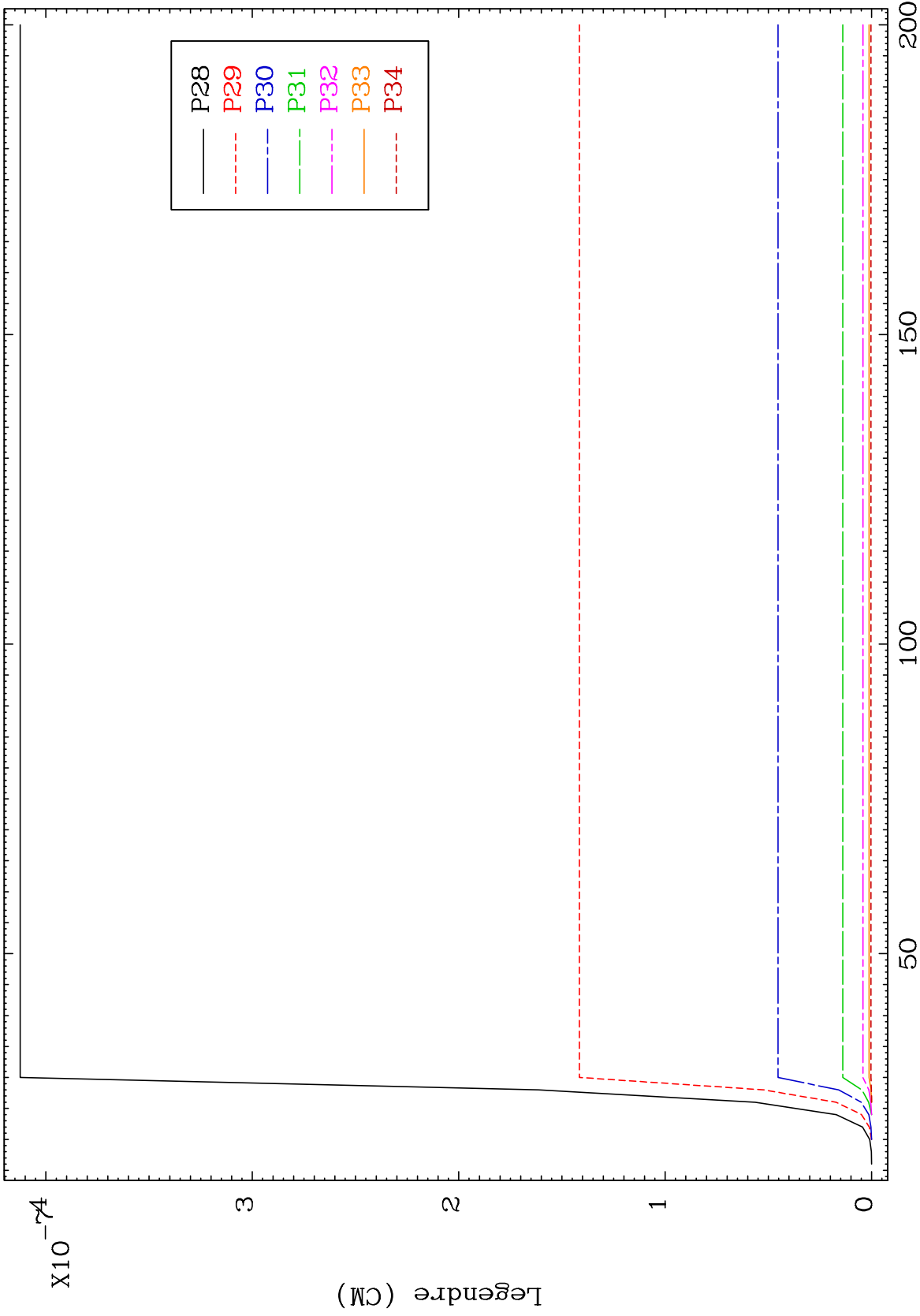
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



27

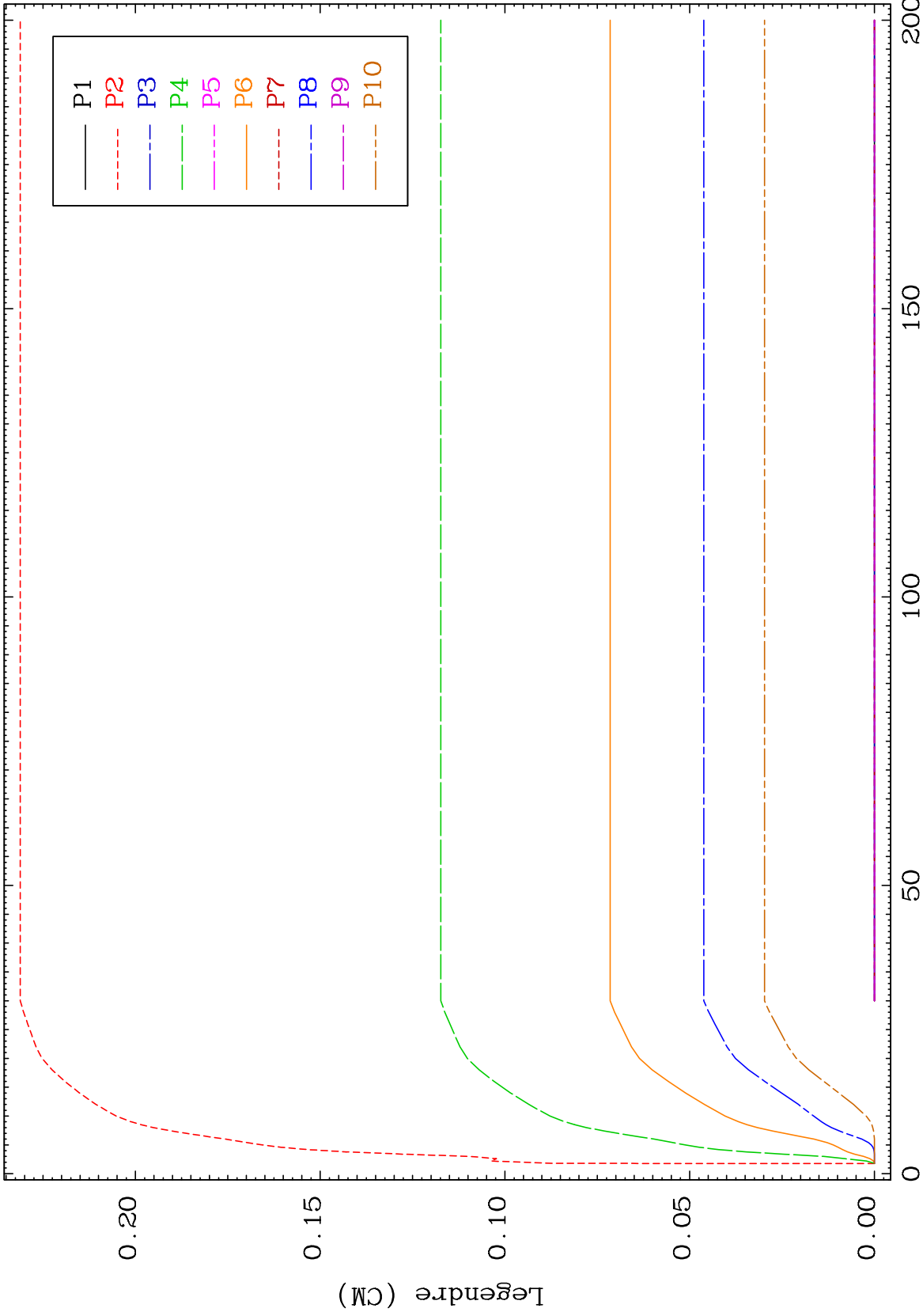
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



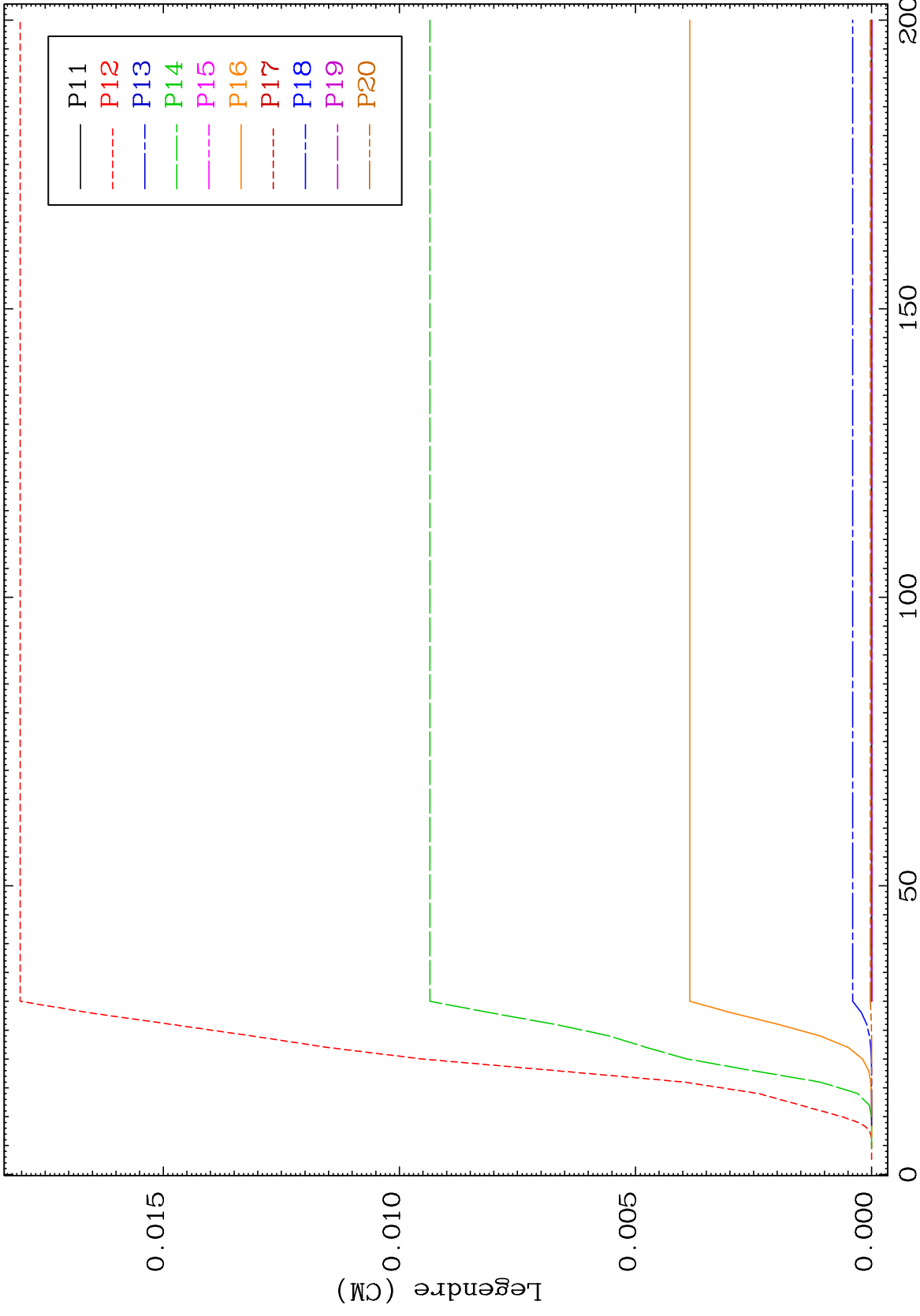
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42-Mo-94

MAT 4231

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

42-Mo-94

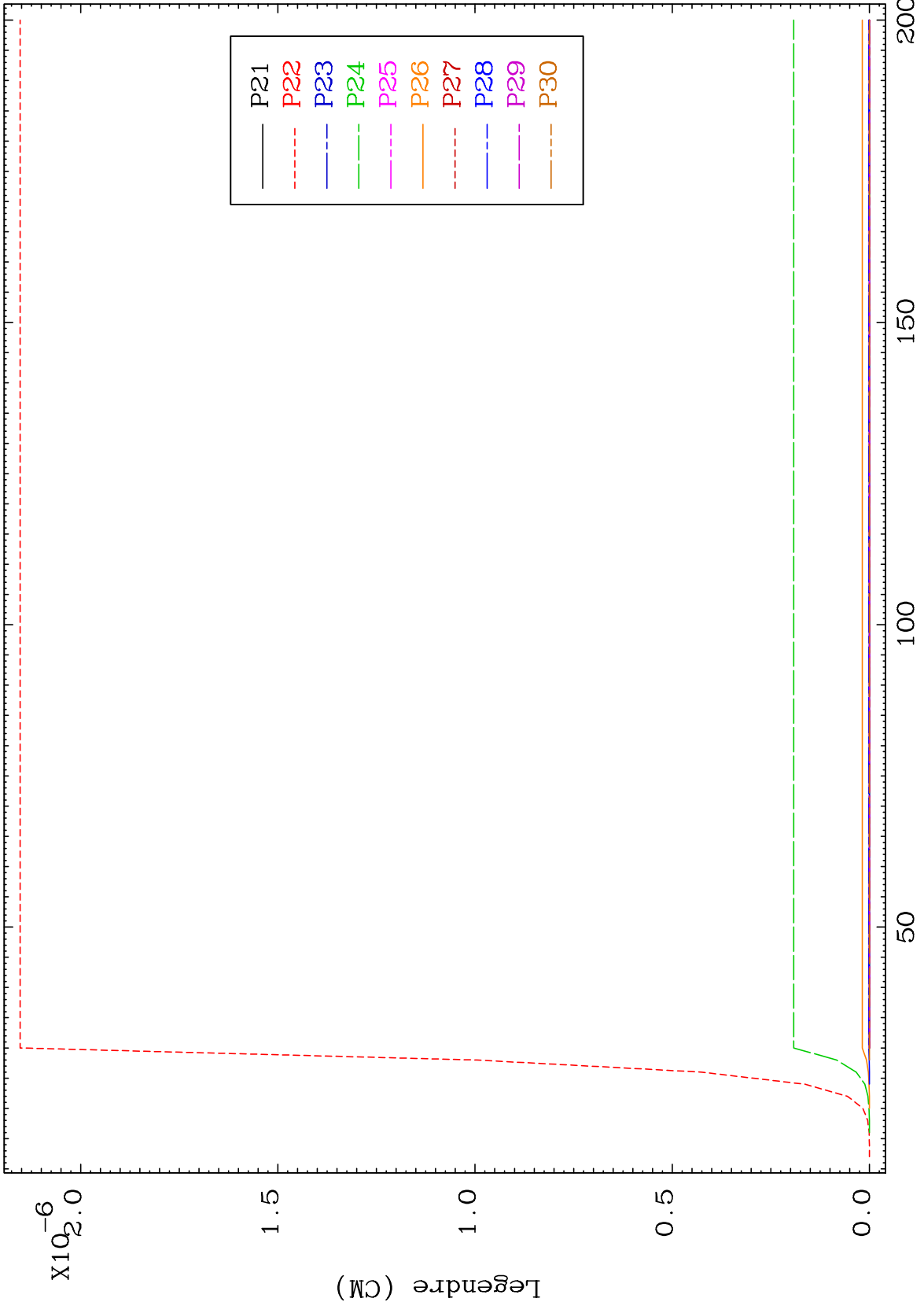


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Incident Energy (MeV)

42-Mo-94

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

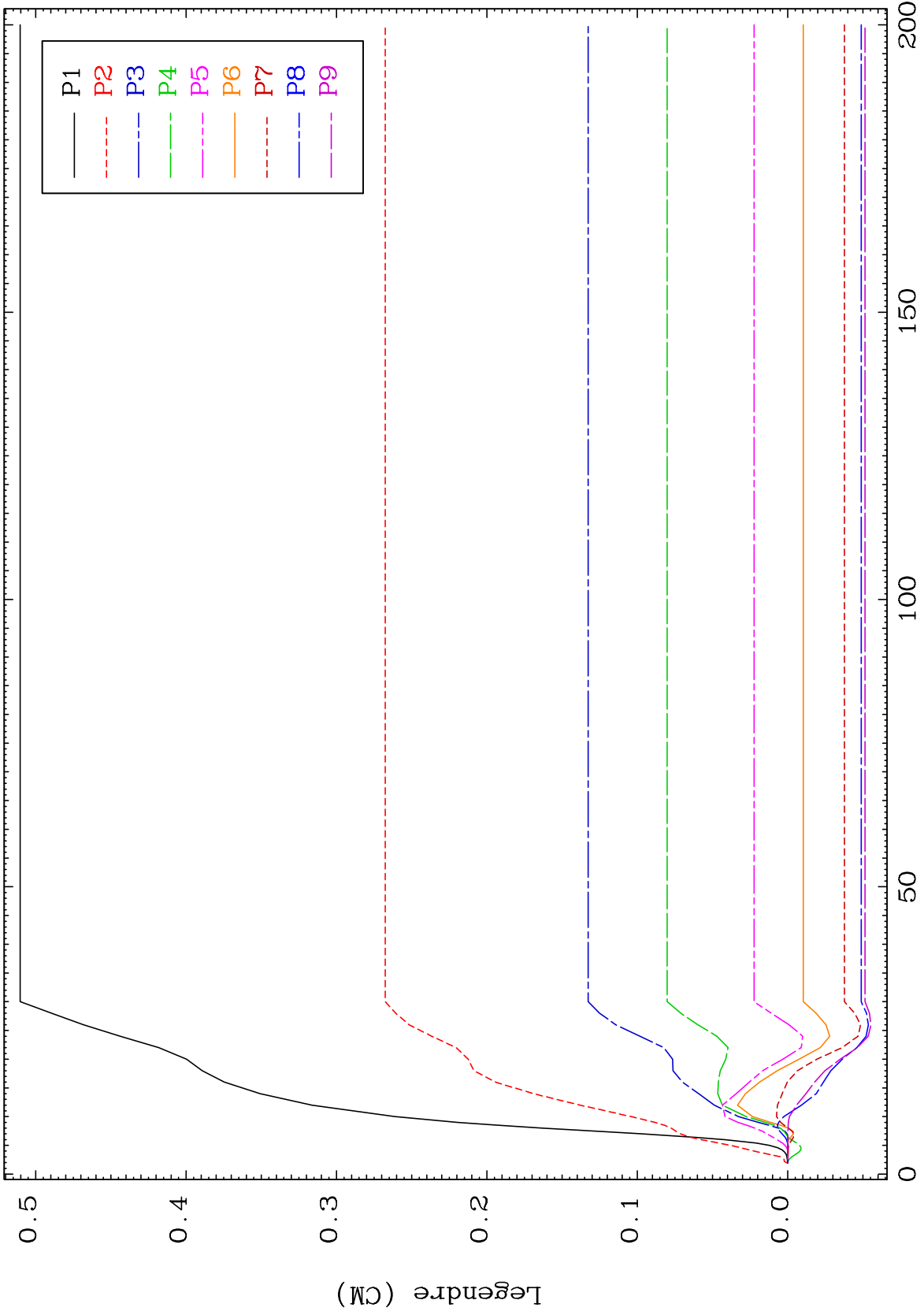


30 50 100 150 200 42-Mo-94

MAT 4231

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

42-Mo-94



31

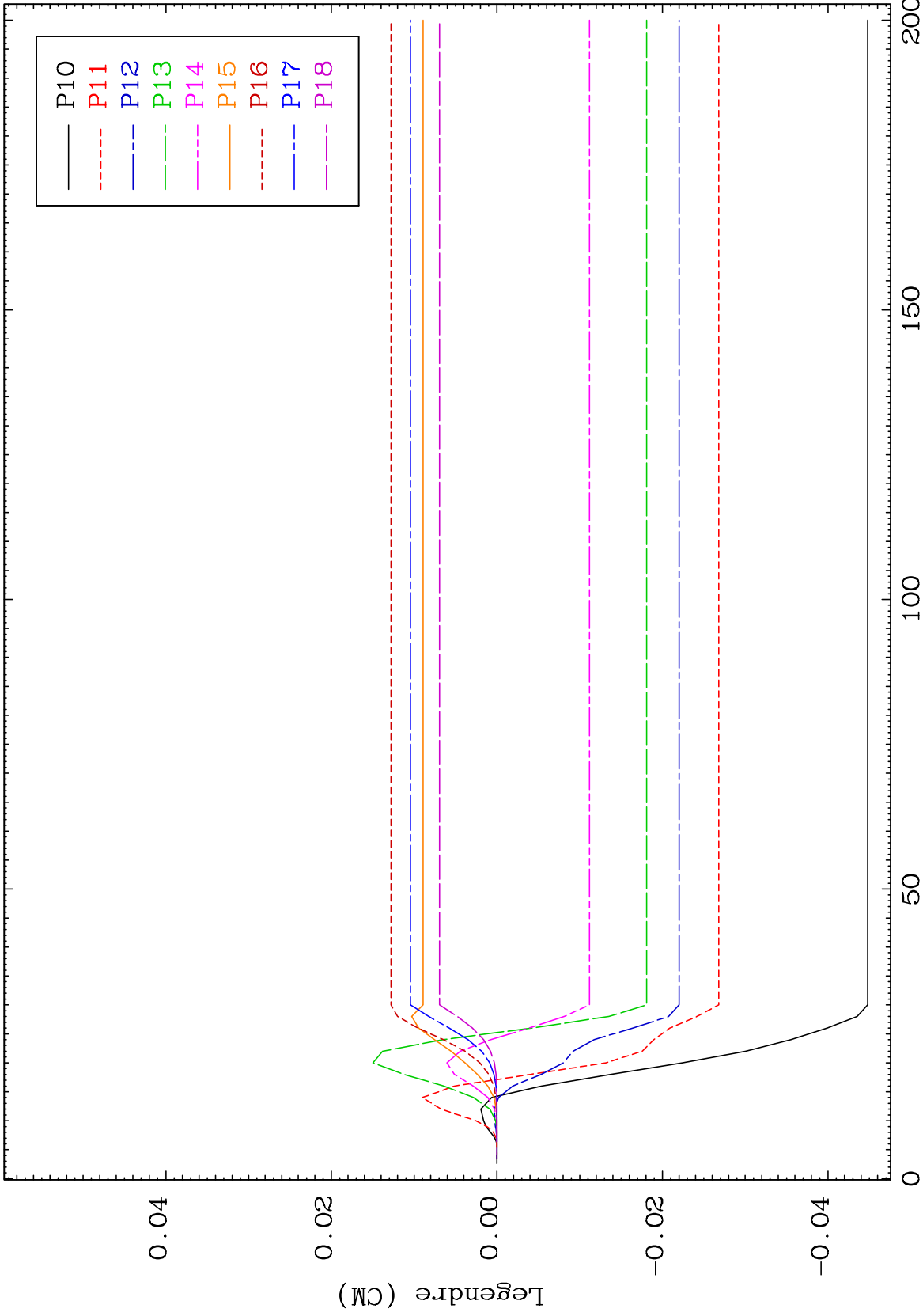
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



32

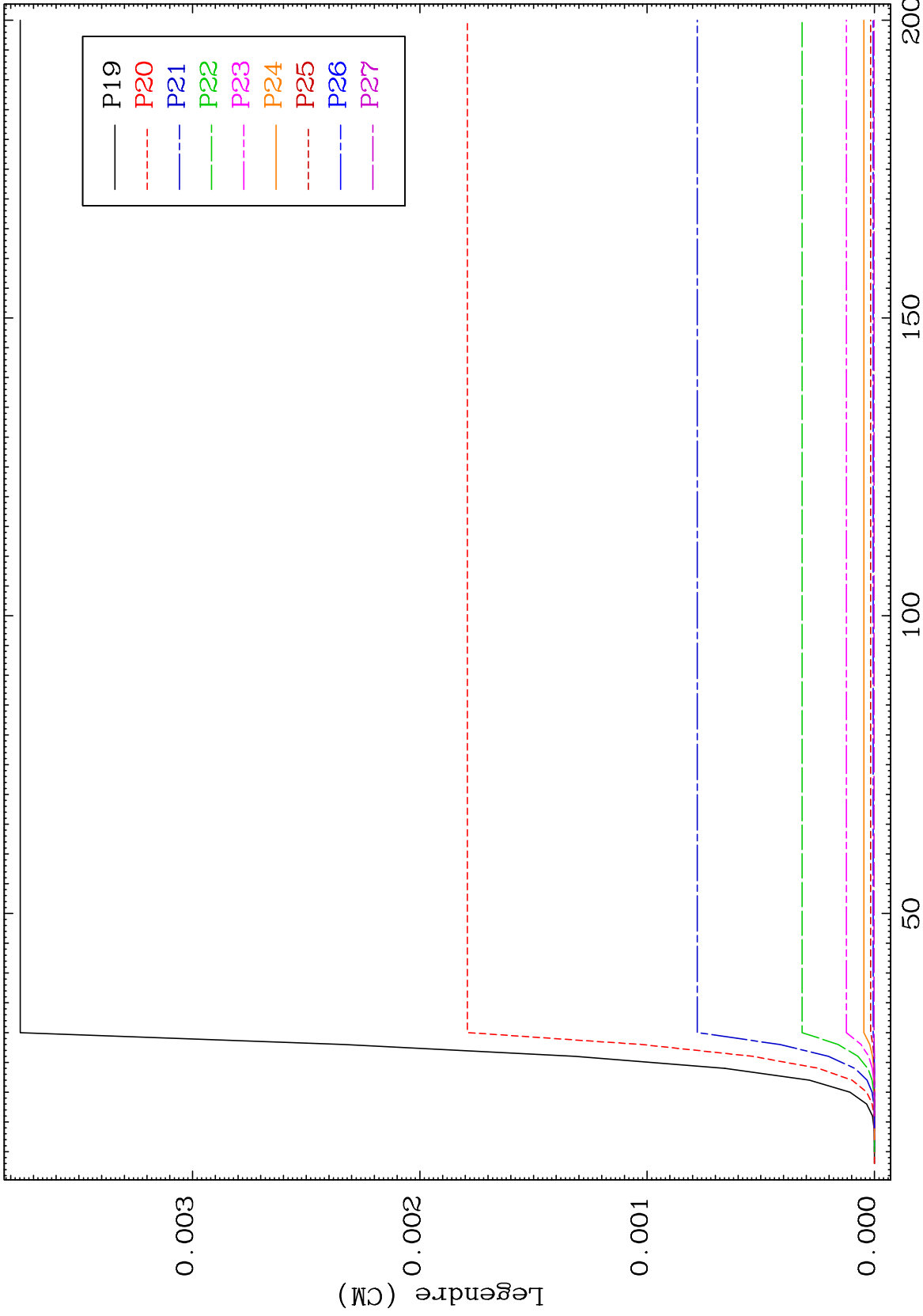
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



33

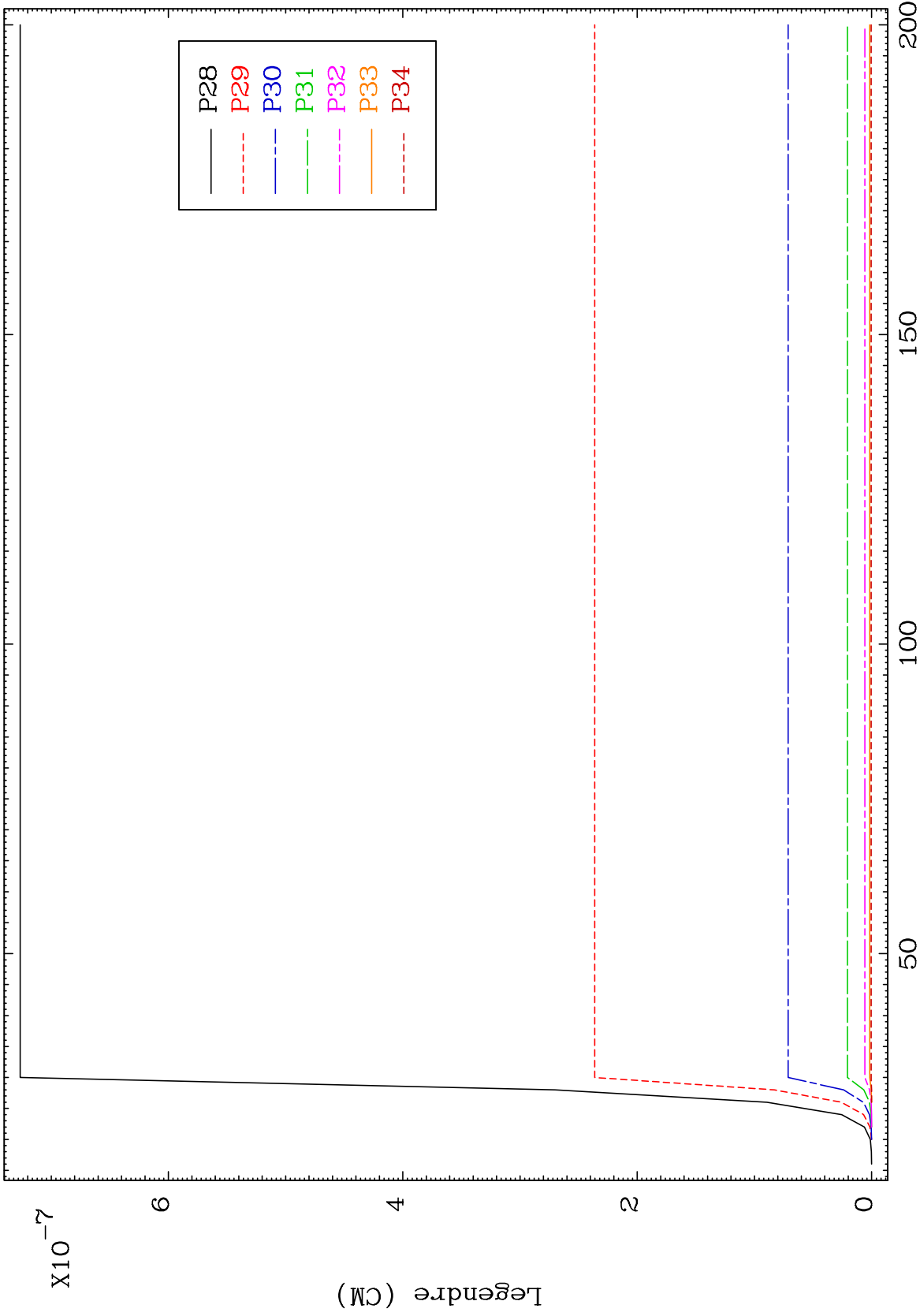
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



34

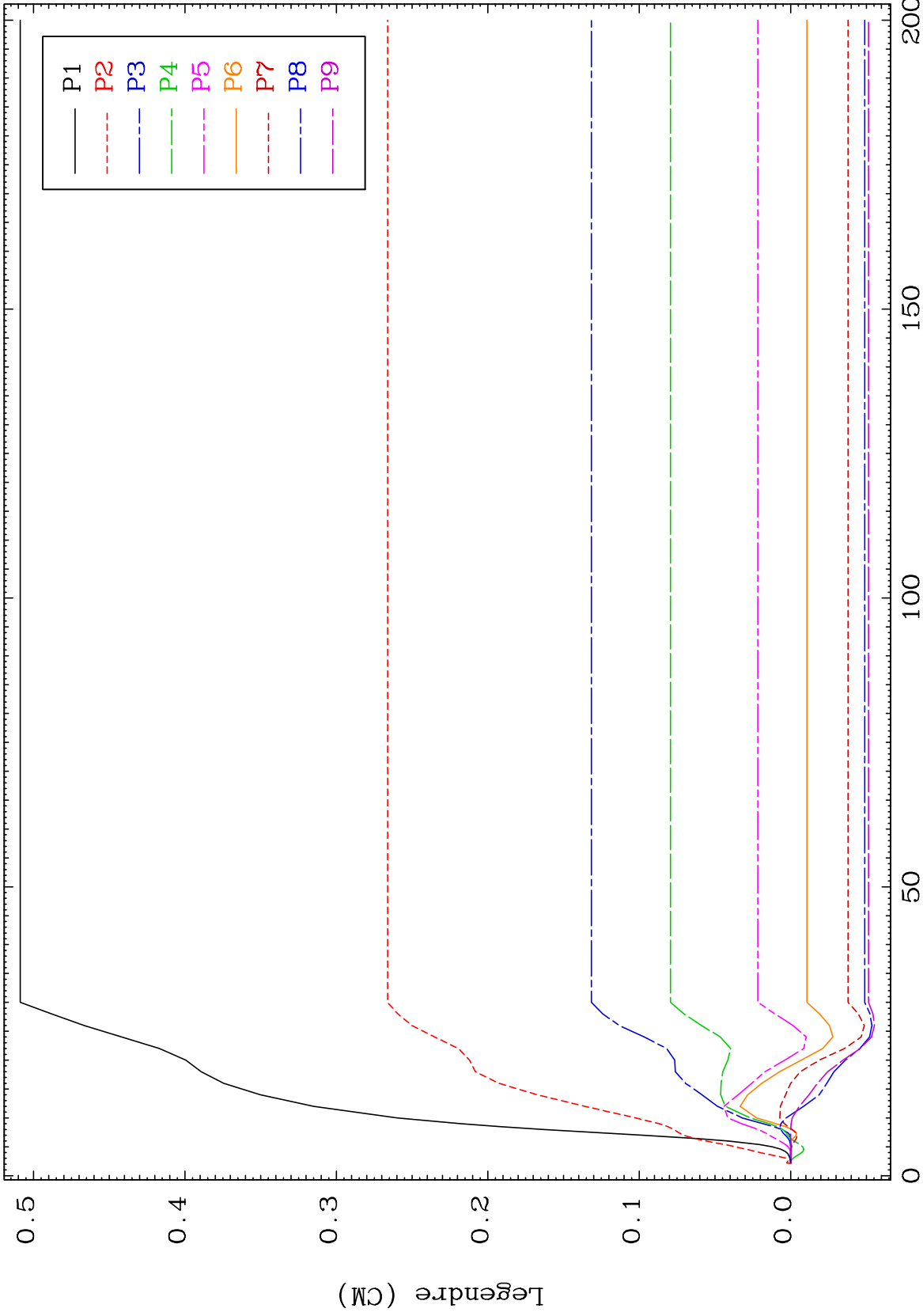
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



35

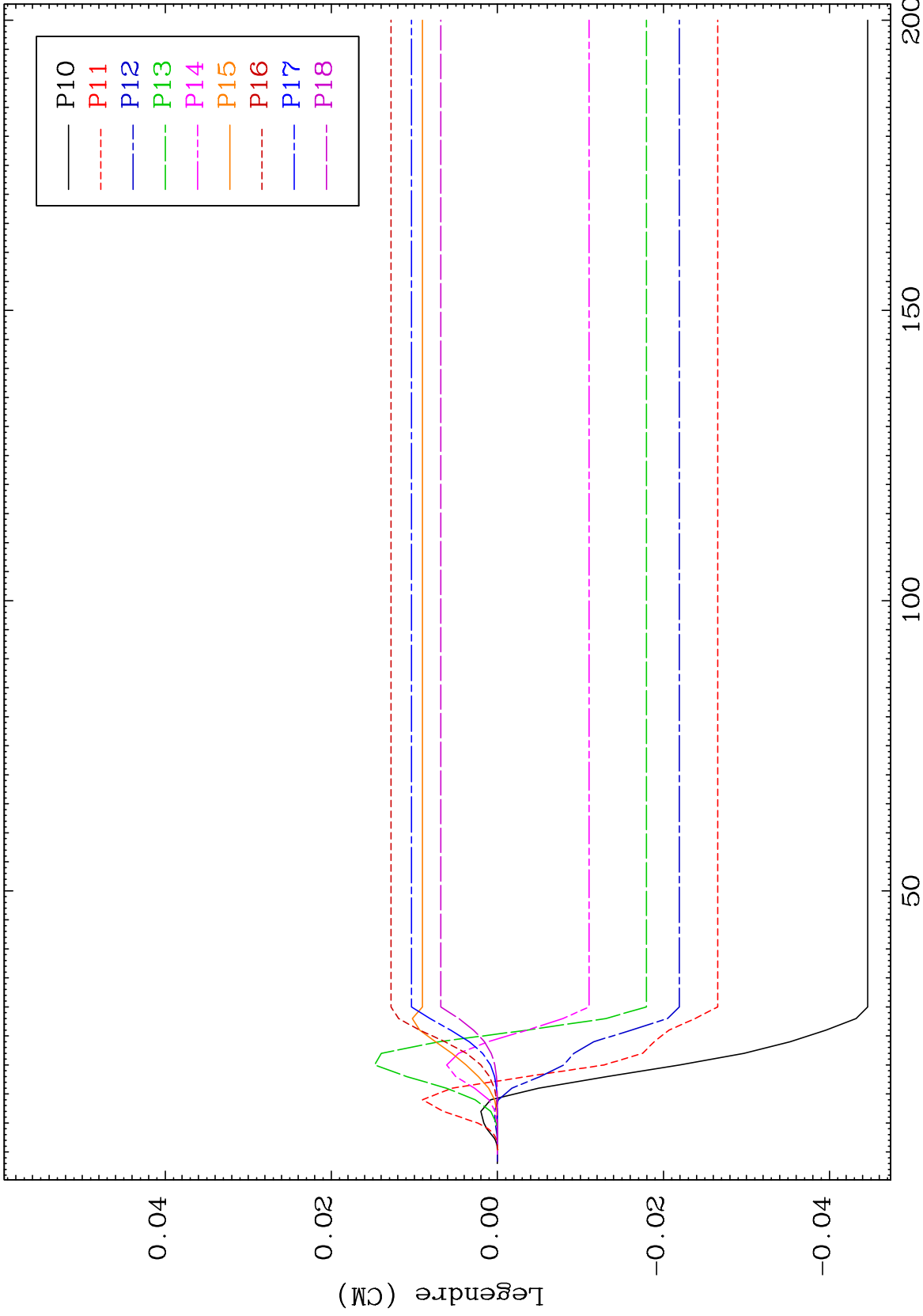
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



36

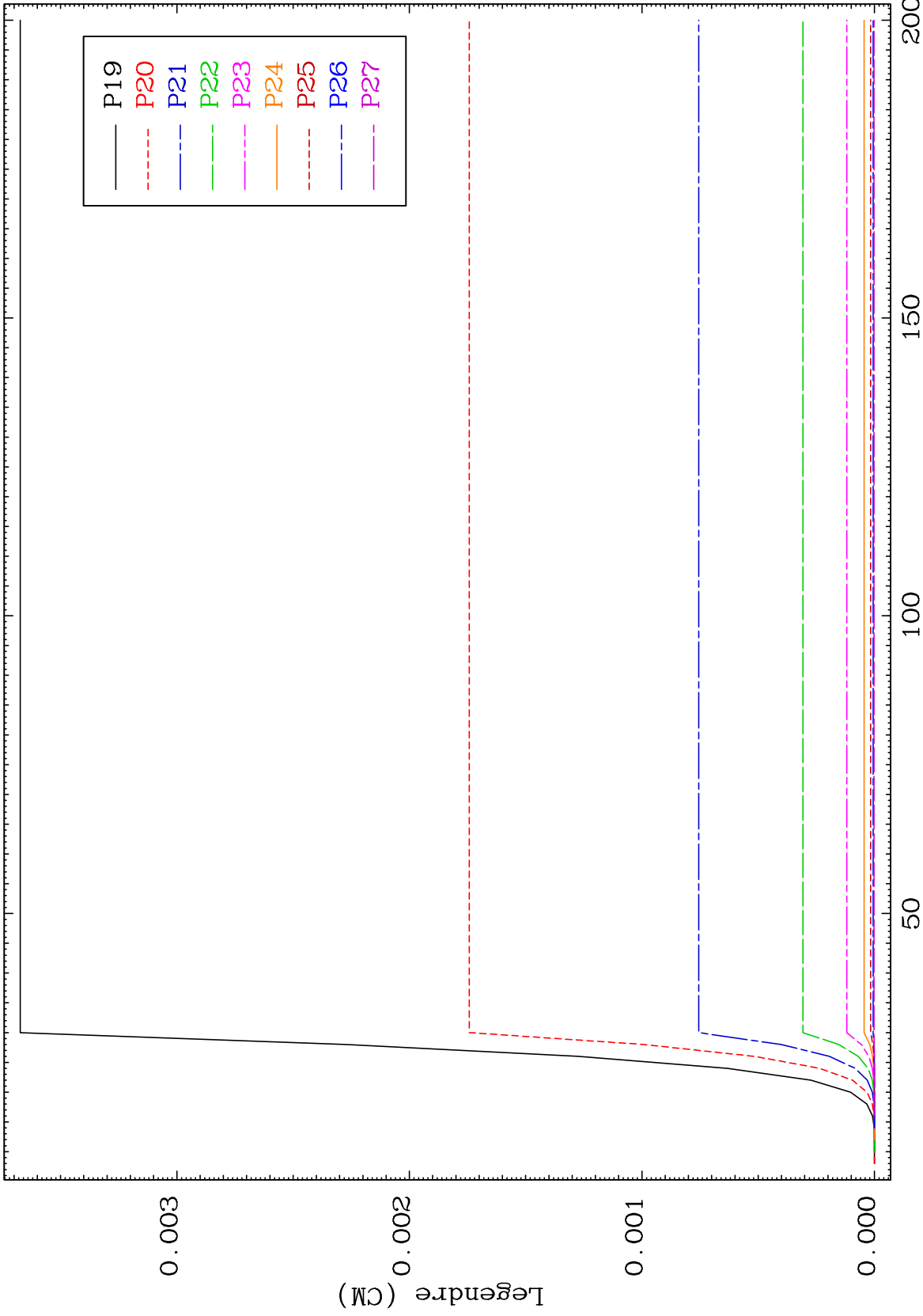
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



37

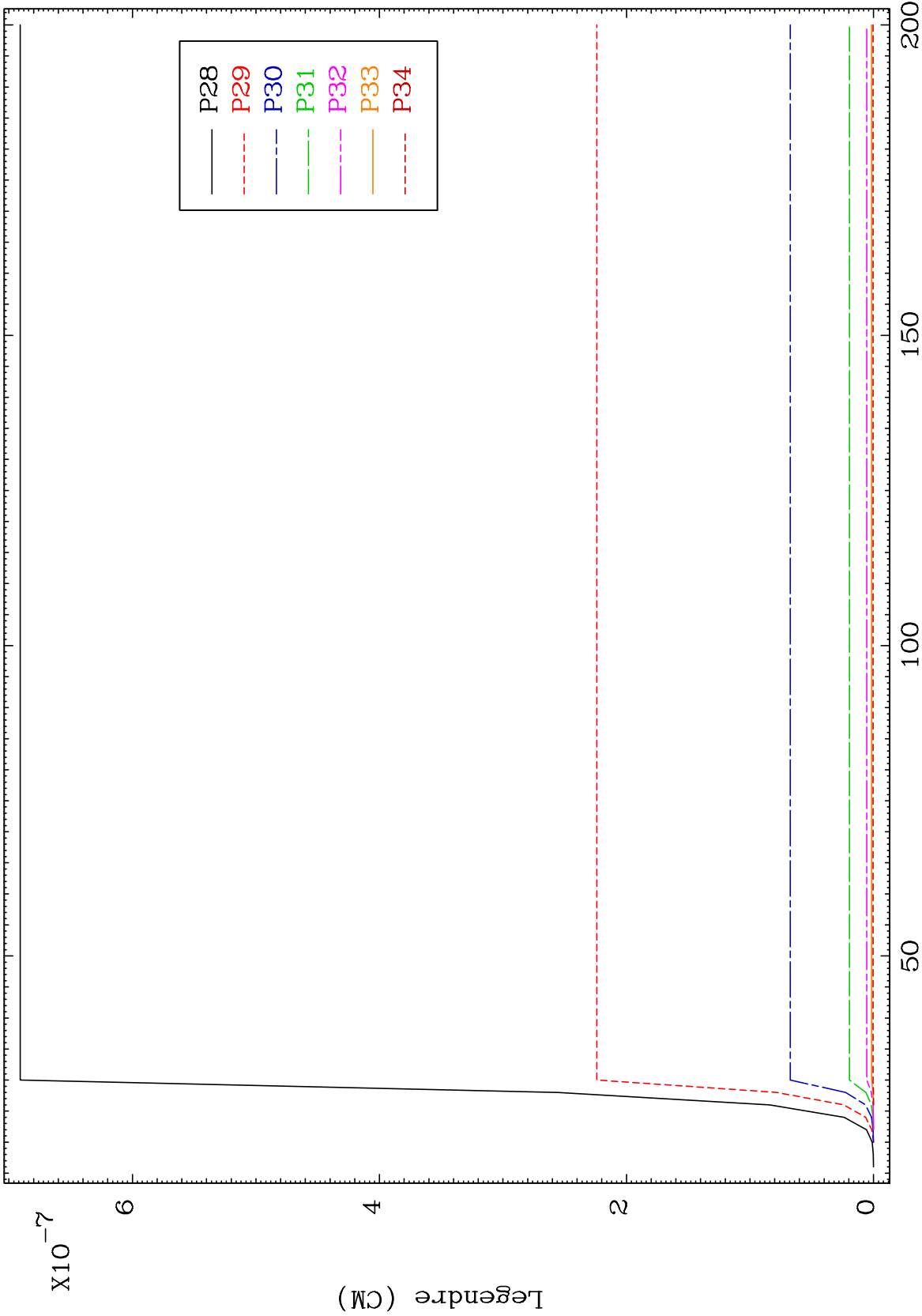
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

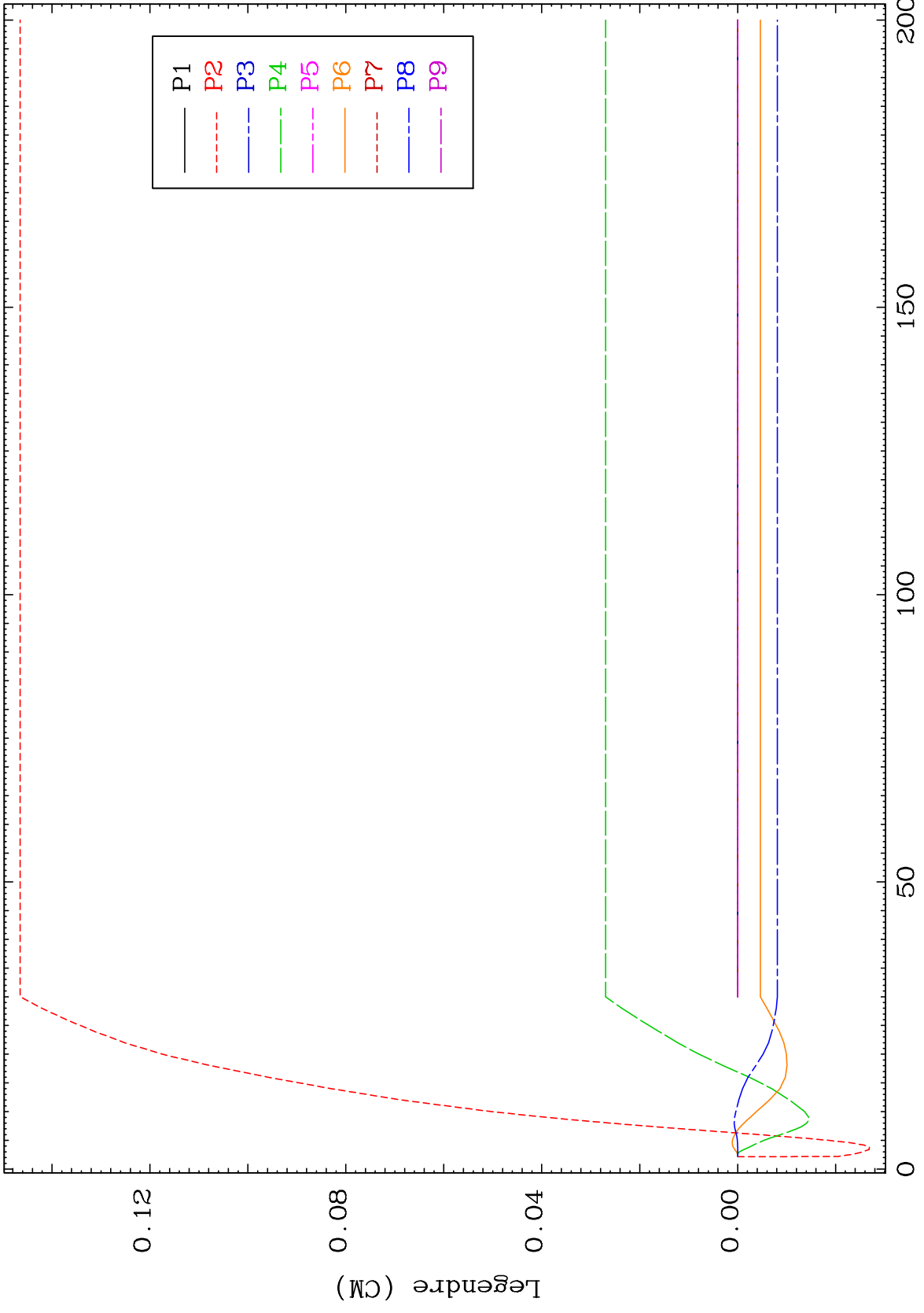
42-Mo-94



38

42-Mo-94

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

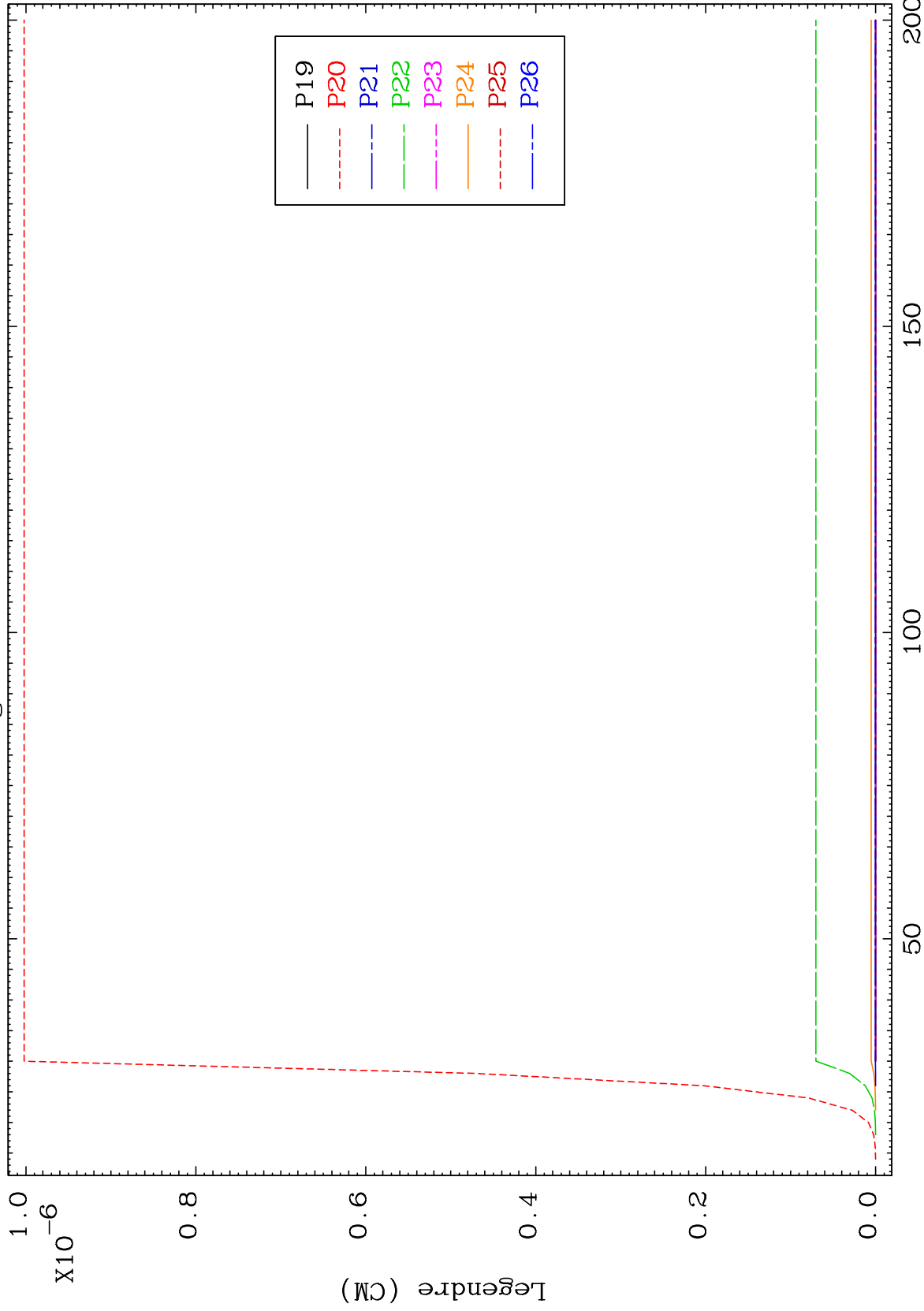


39 42-Mo-94

MAT 4231

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

42-Mo-94



41

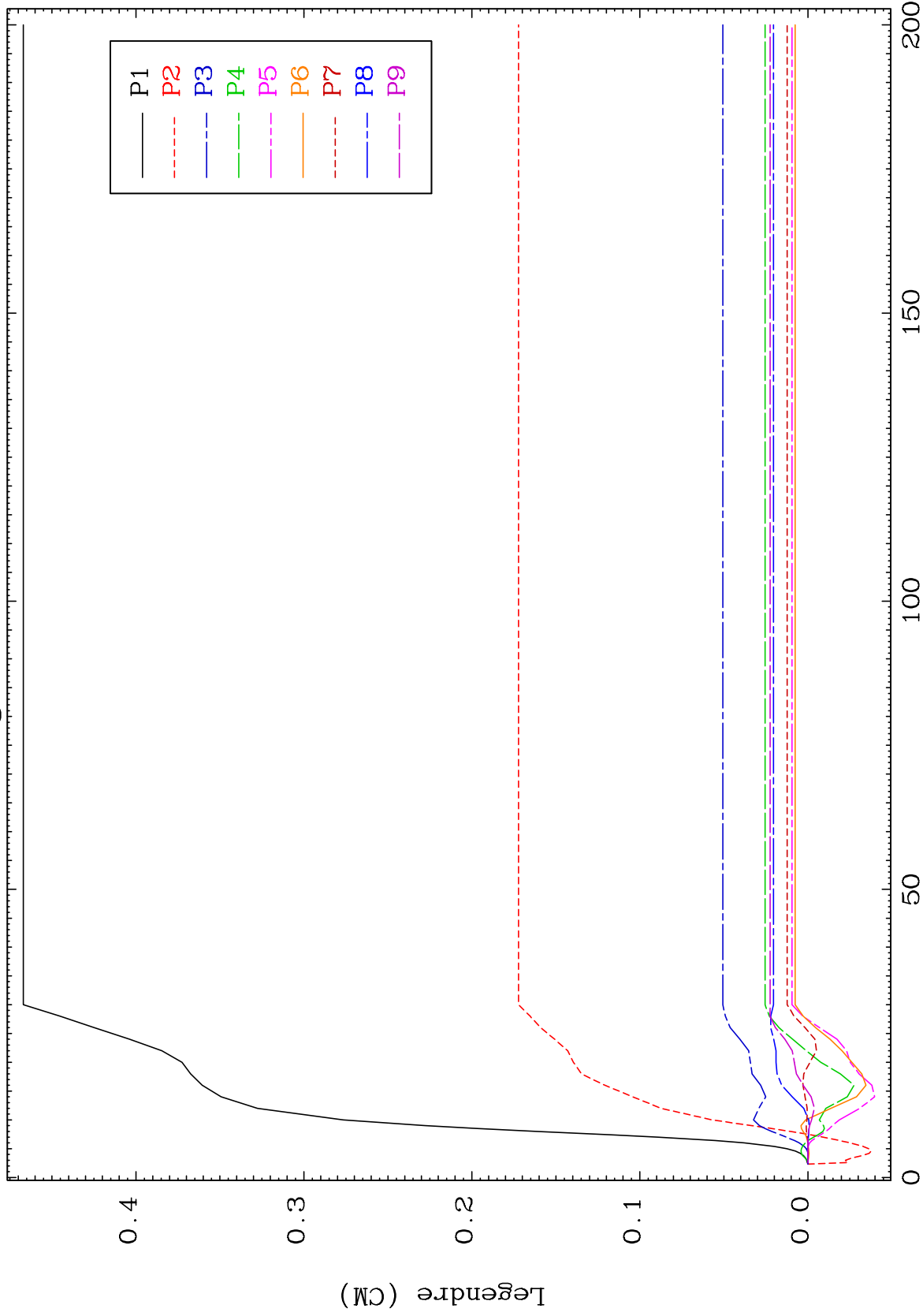
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



42

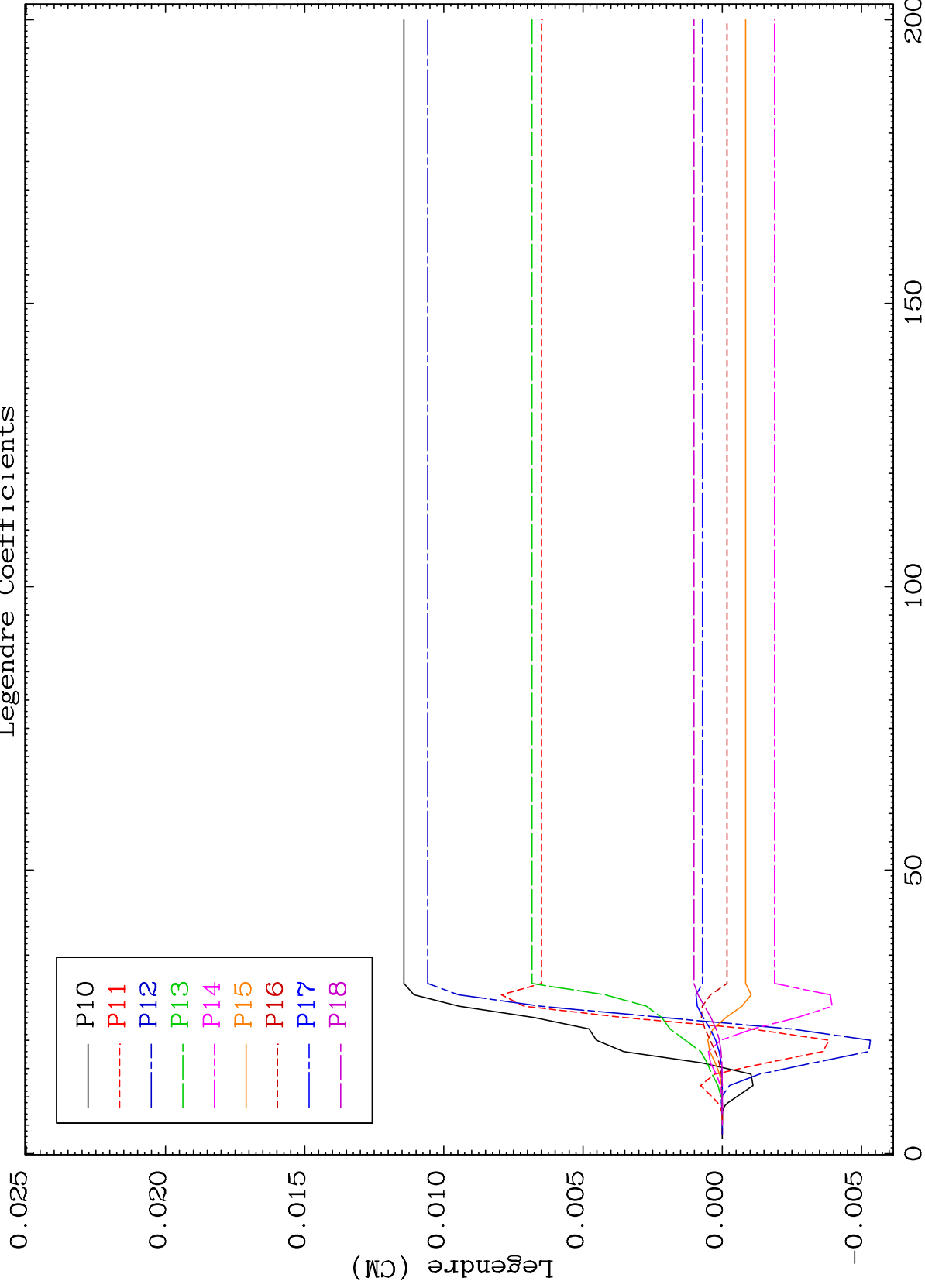
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

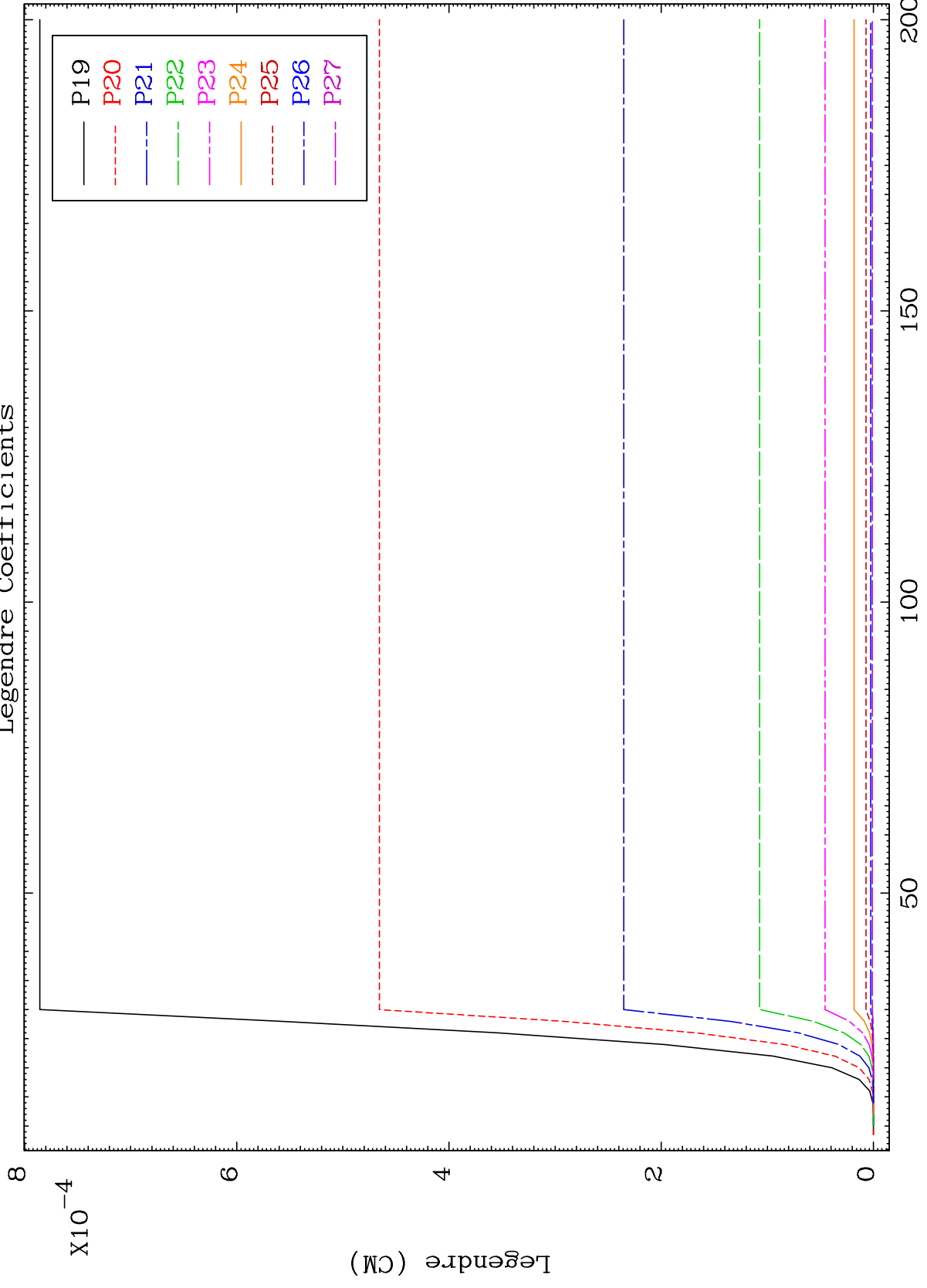
42-Mo-94



43

Incident Energy (MeV)

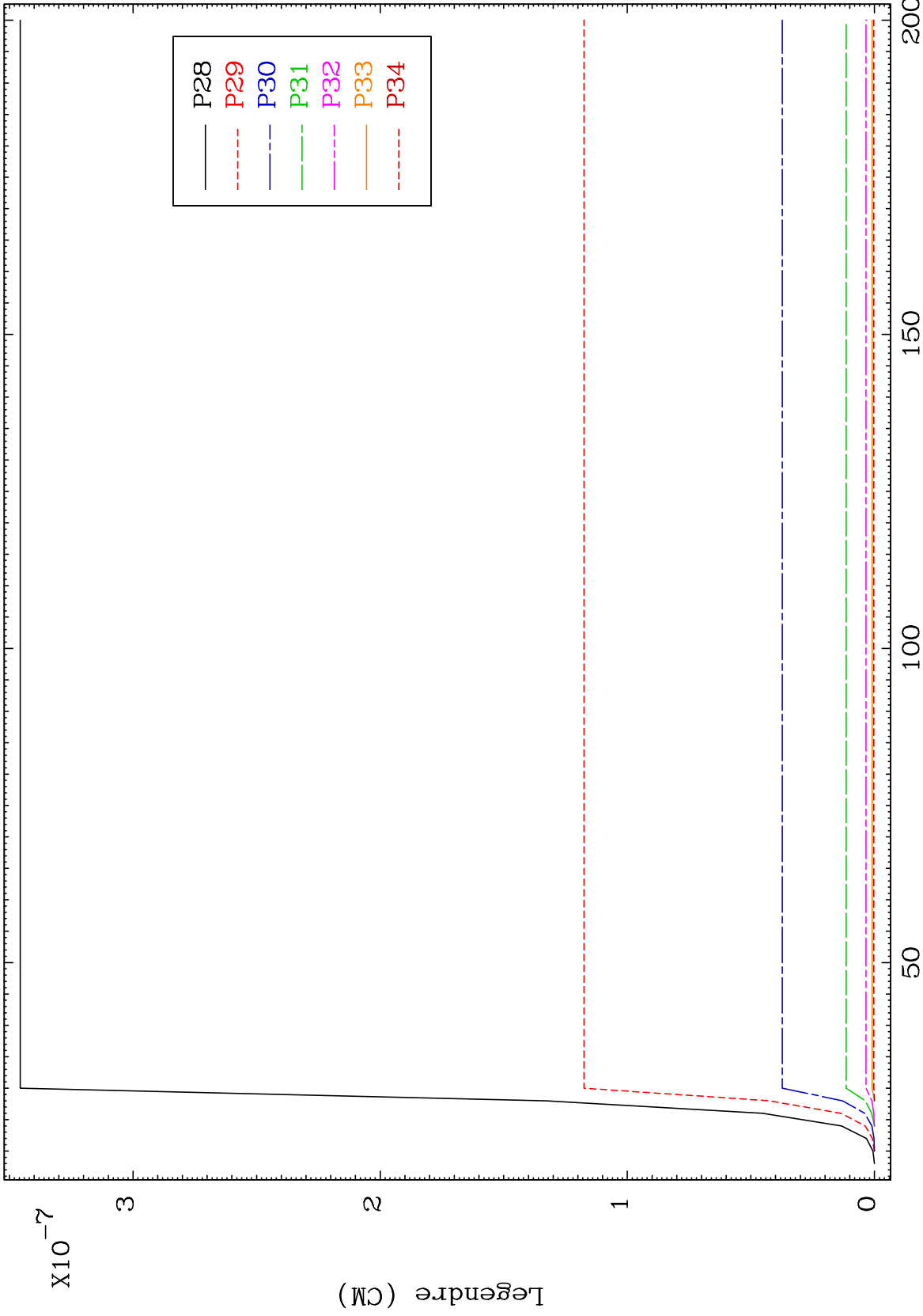
42-Mo-94



MAT 4231

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

42-Mo-94



45

Incident Energy (MeV)

50

100

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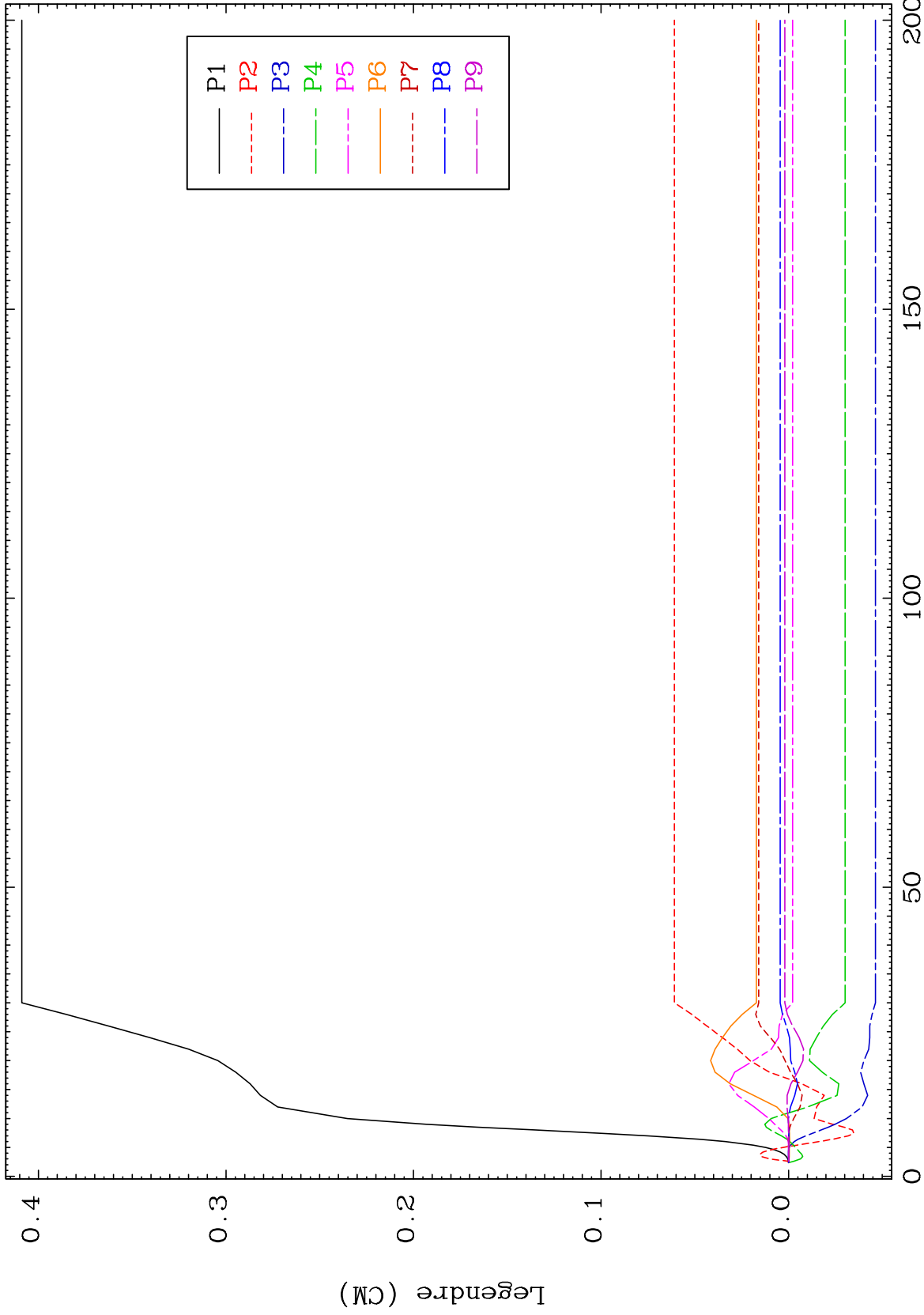
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42-Mo-94

MAT 4231

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

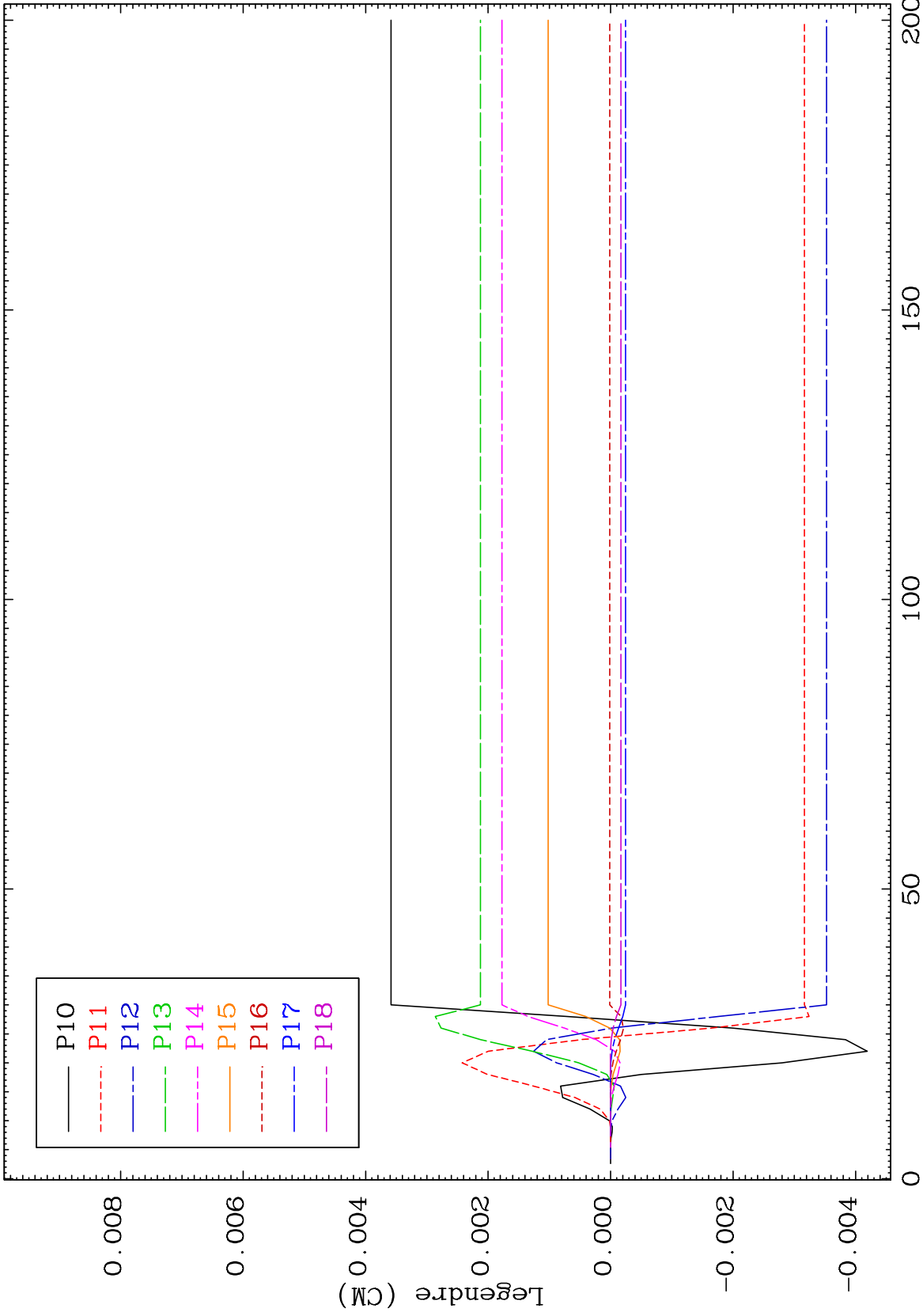
42-Mo-94



46

Incident Energy (MeV)

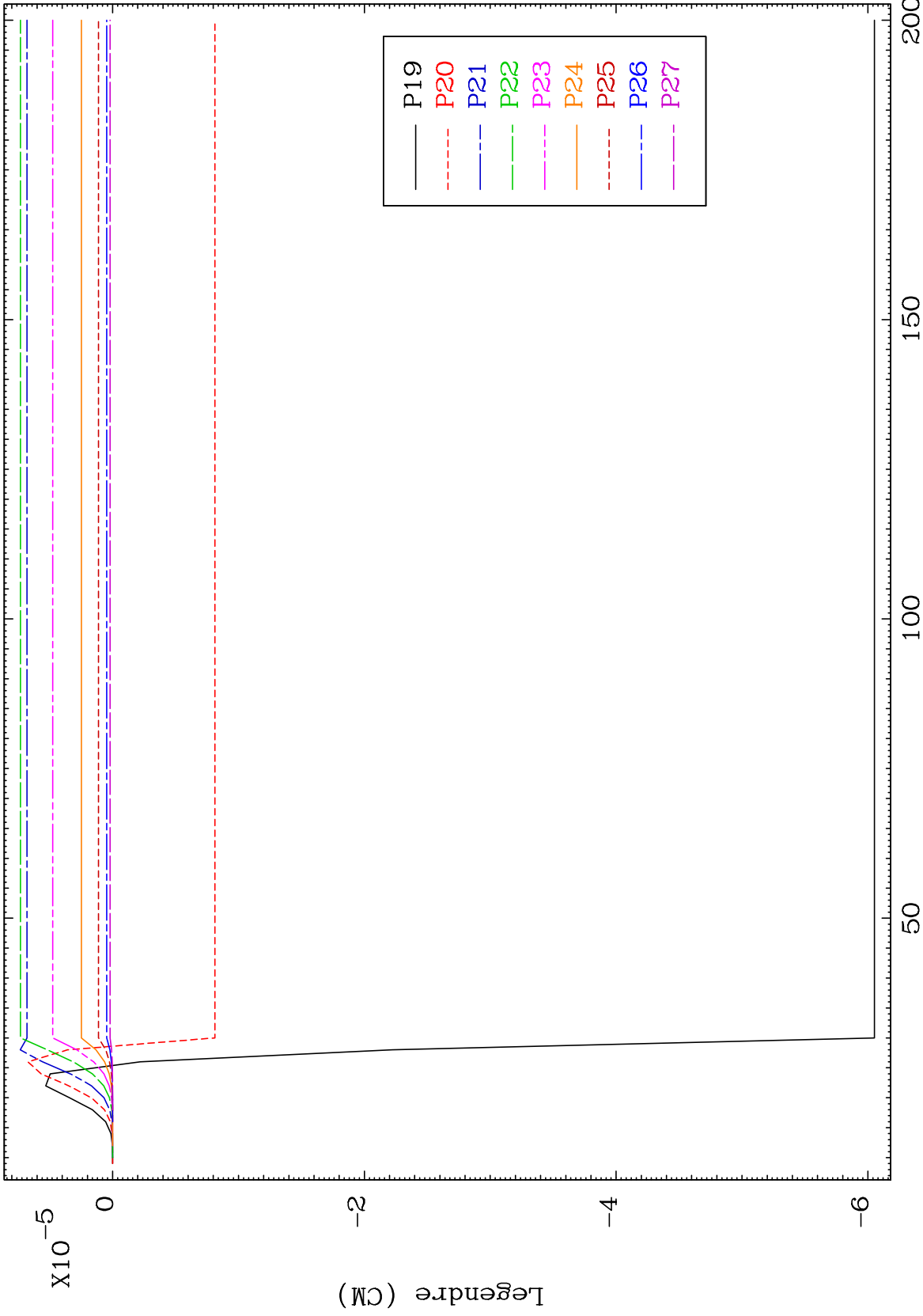
42-Mo-94



MAT 4231

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

42-Mo-94



48

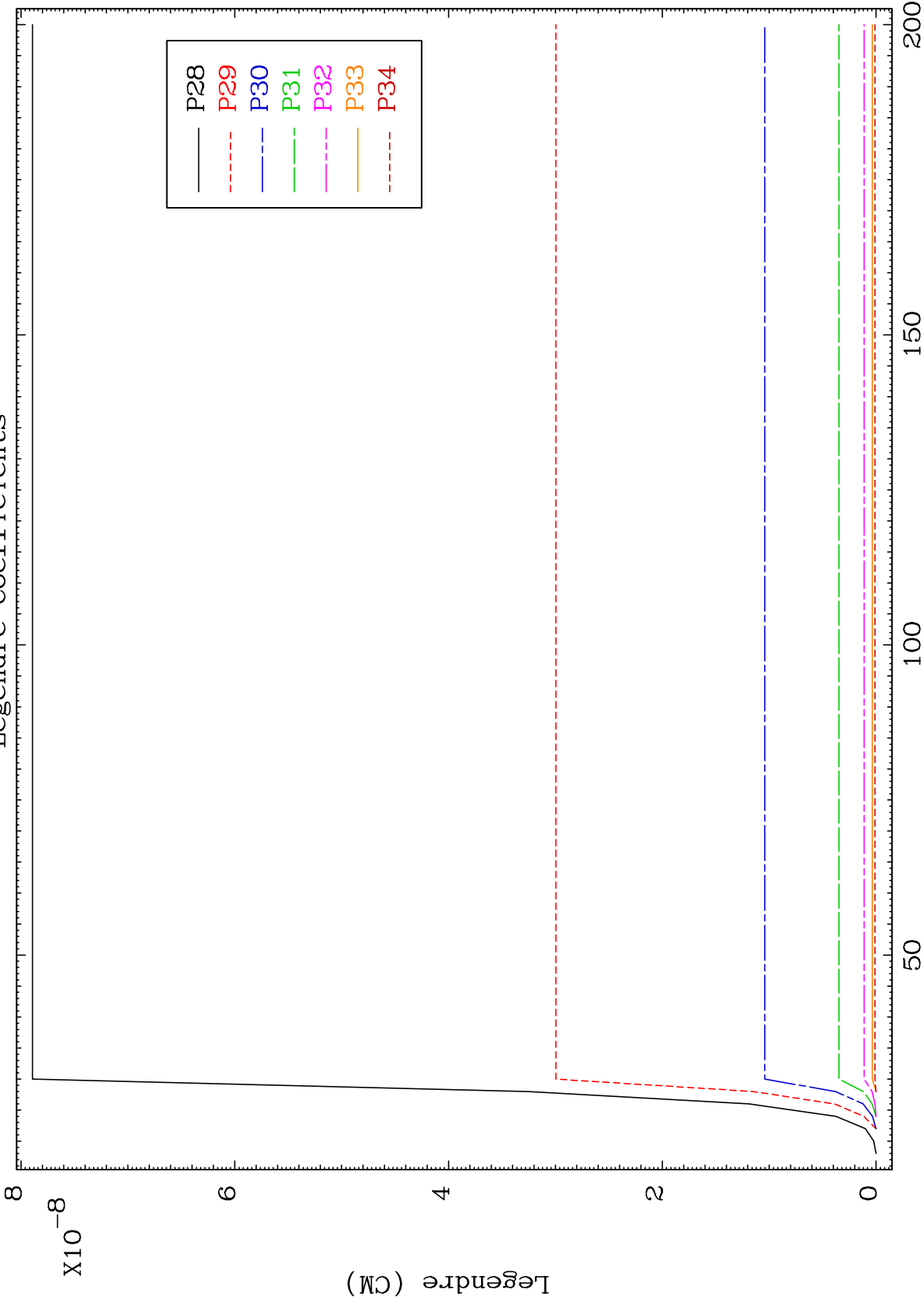
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



49

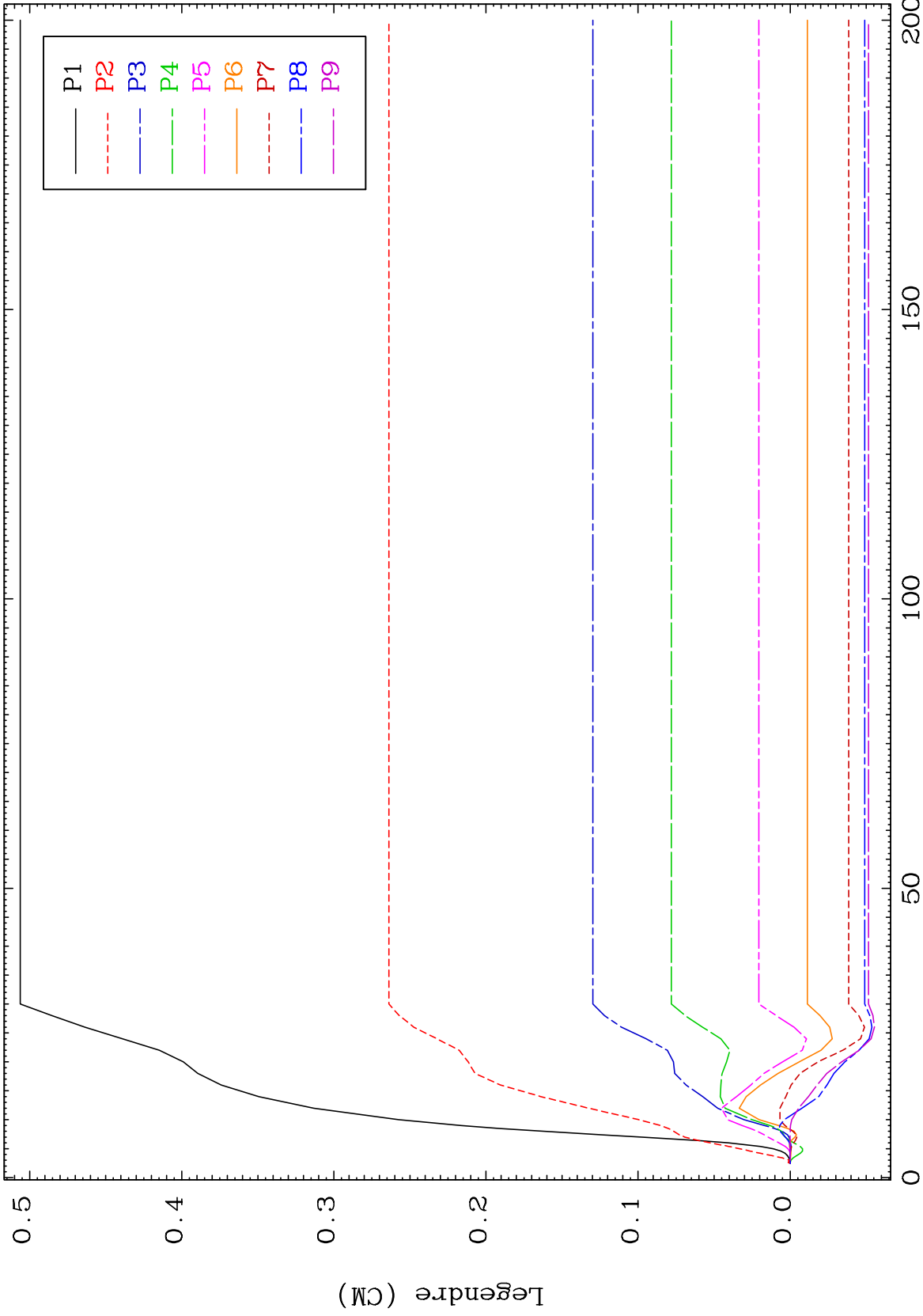
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



50

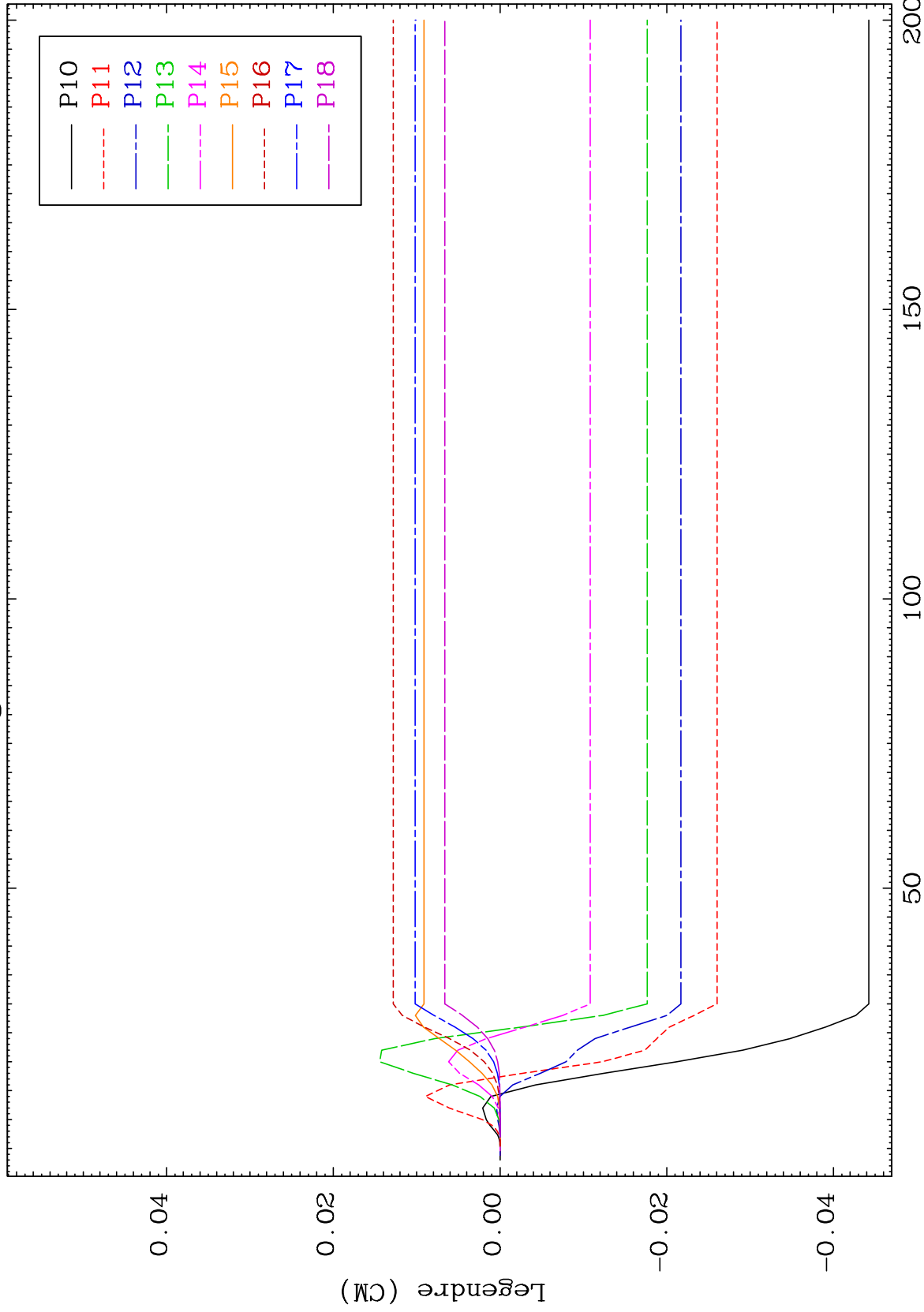
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



51

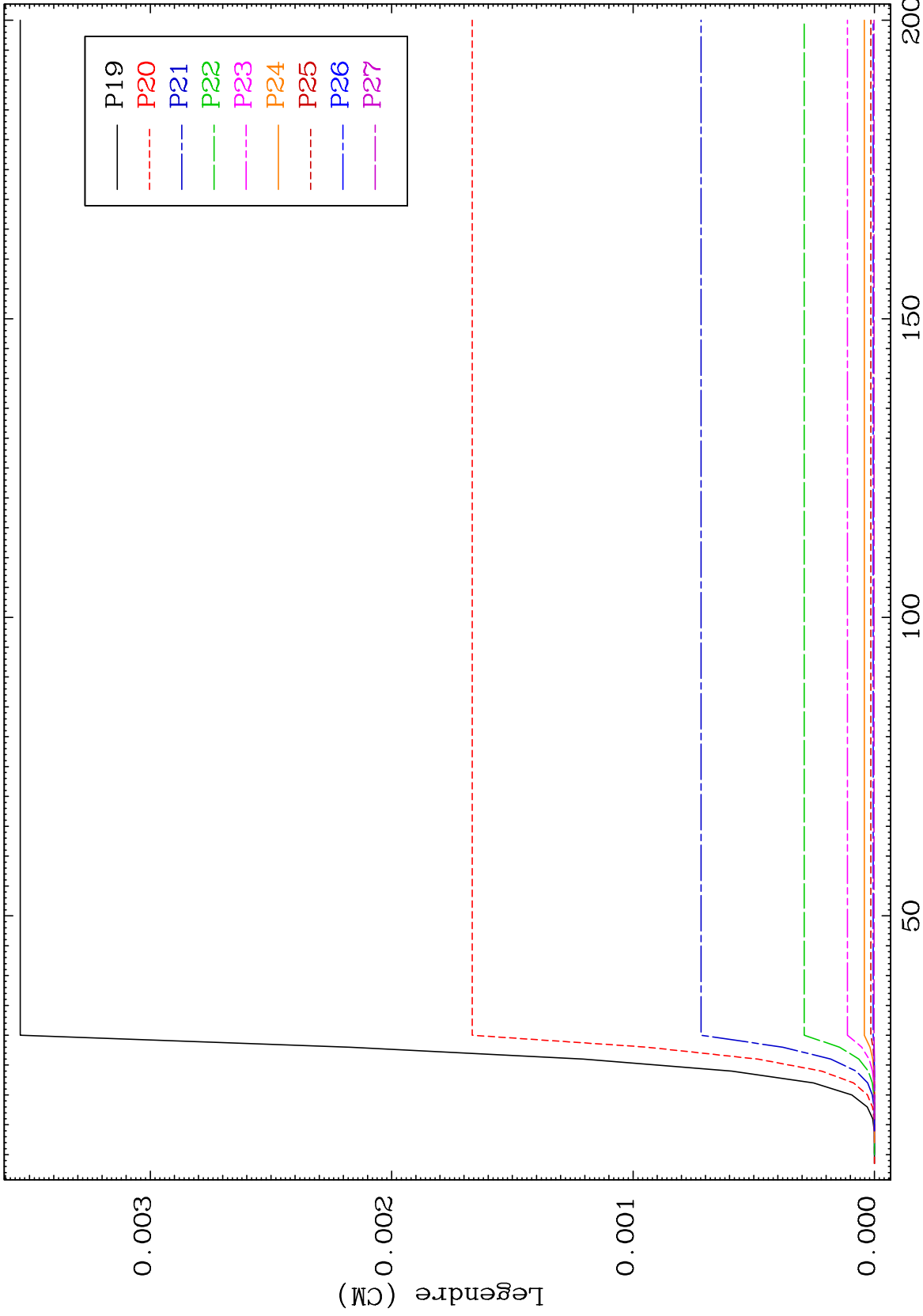
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



52

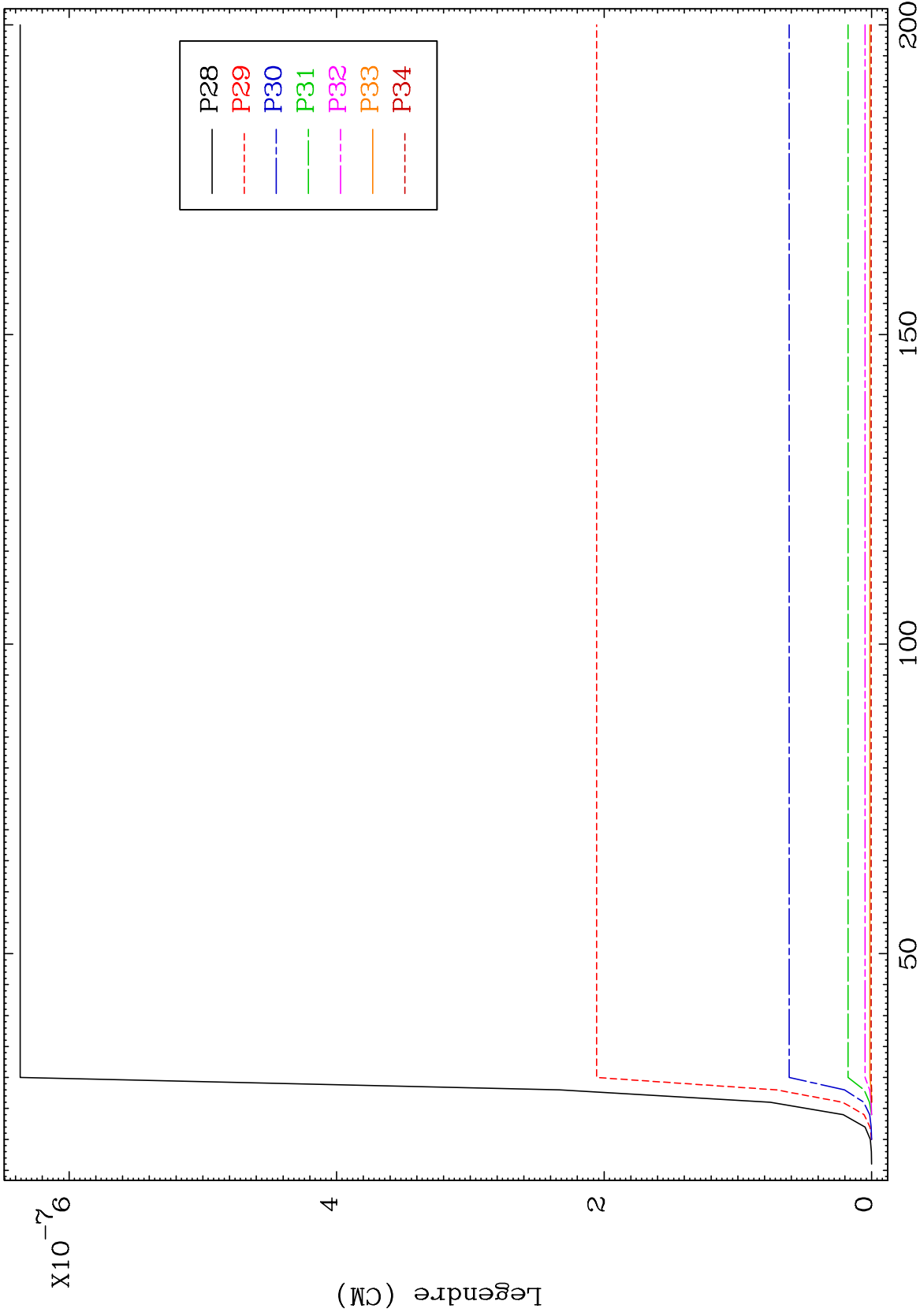
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

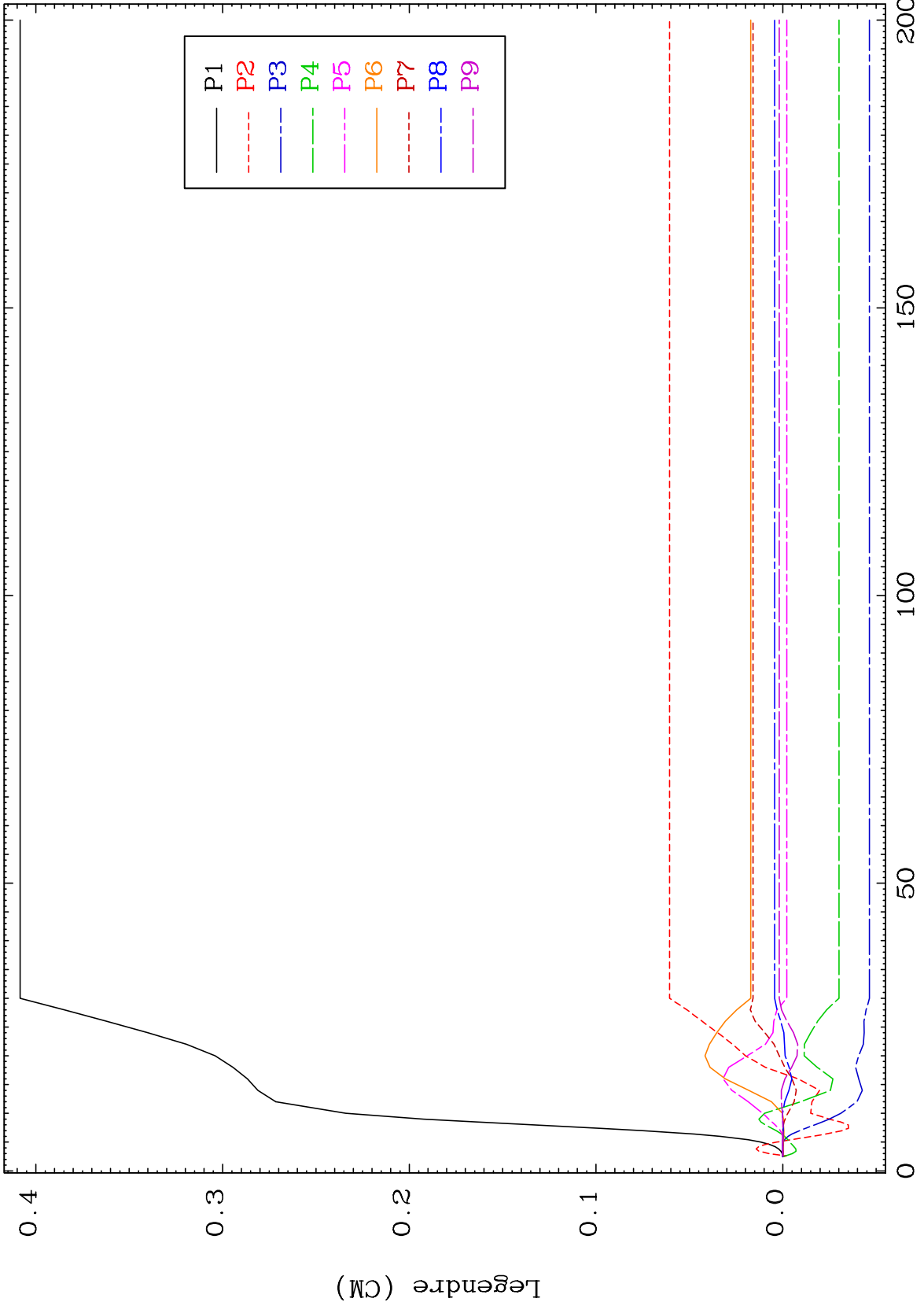
42-Mo-94



53

42-Mo-94

MAT 4231 MT= 60 (n,n') Level Legendre Coefficients 42-Mo-94

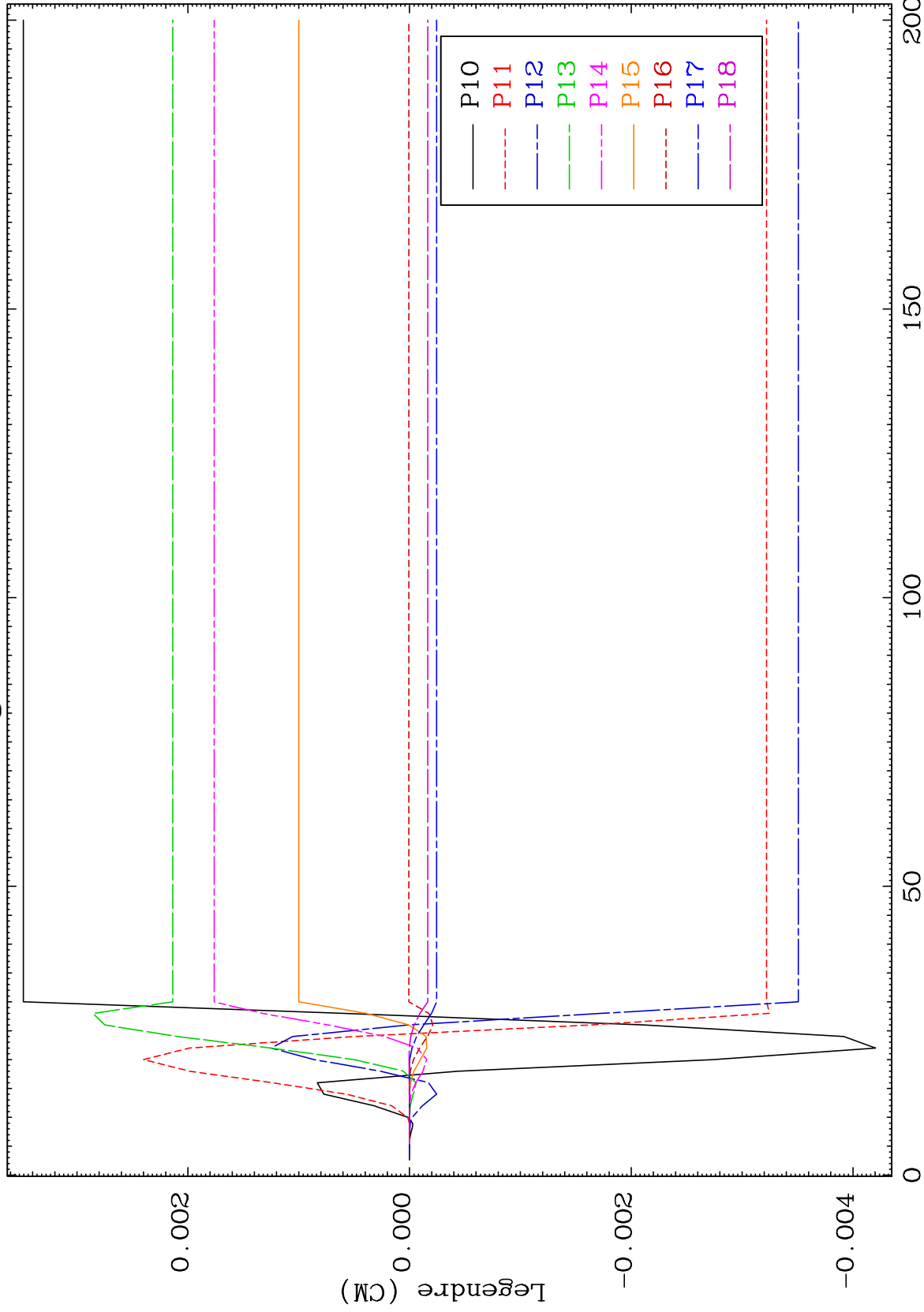


54 42-Mo-94

MAT 4231

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

42-Mo-94



55

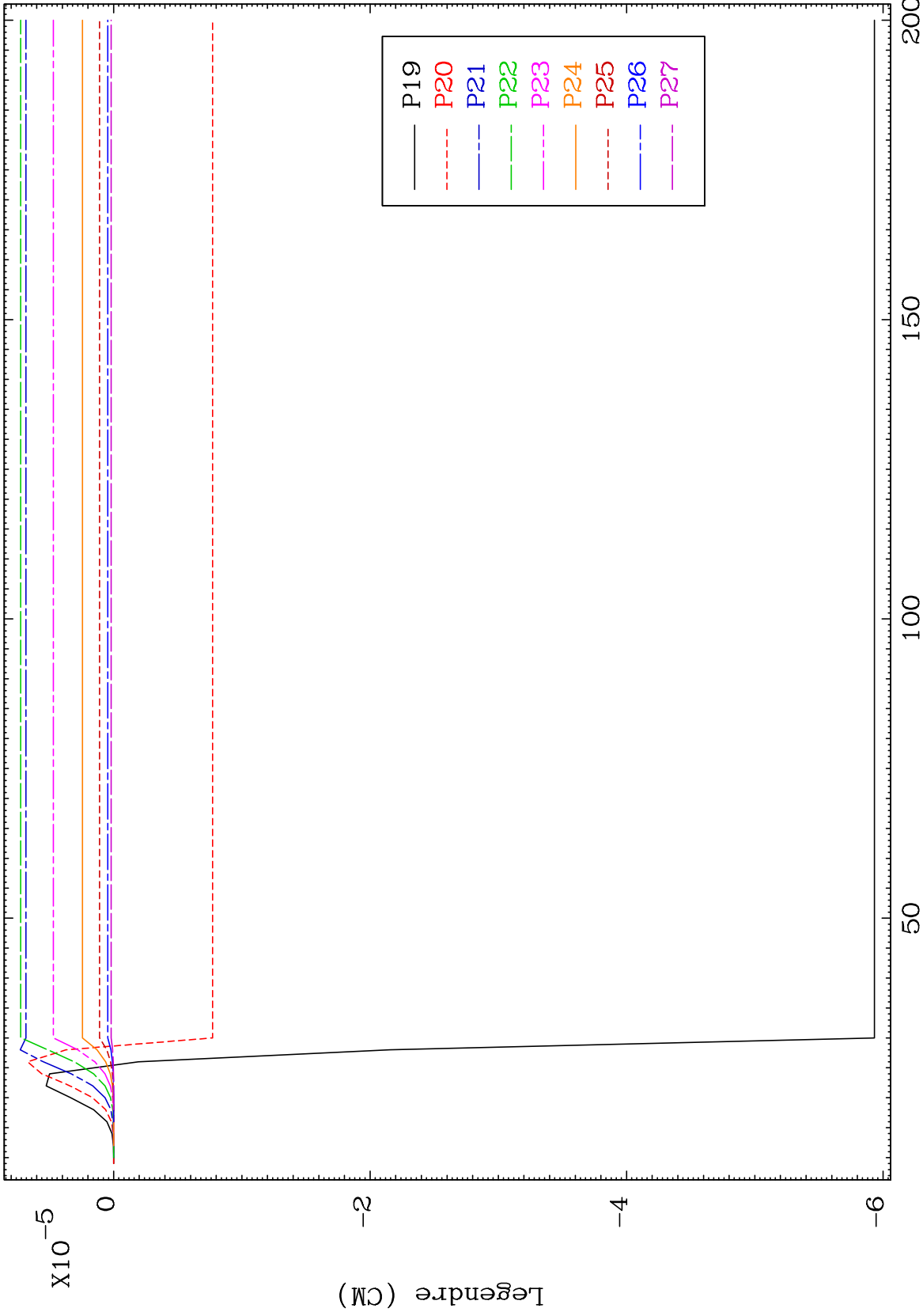
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



56

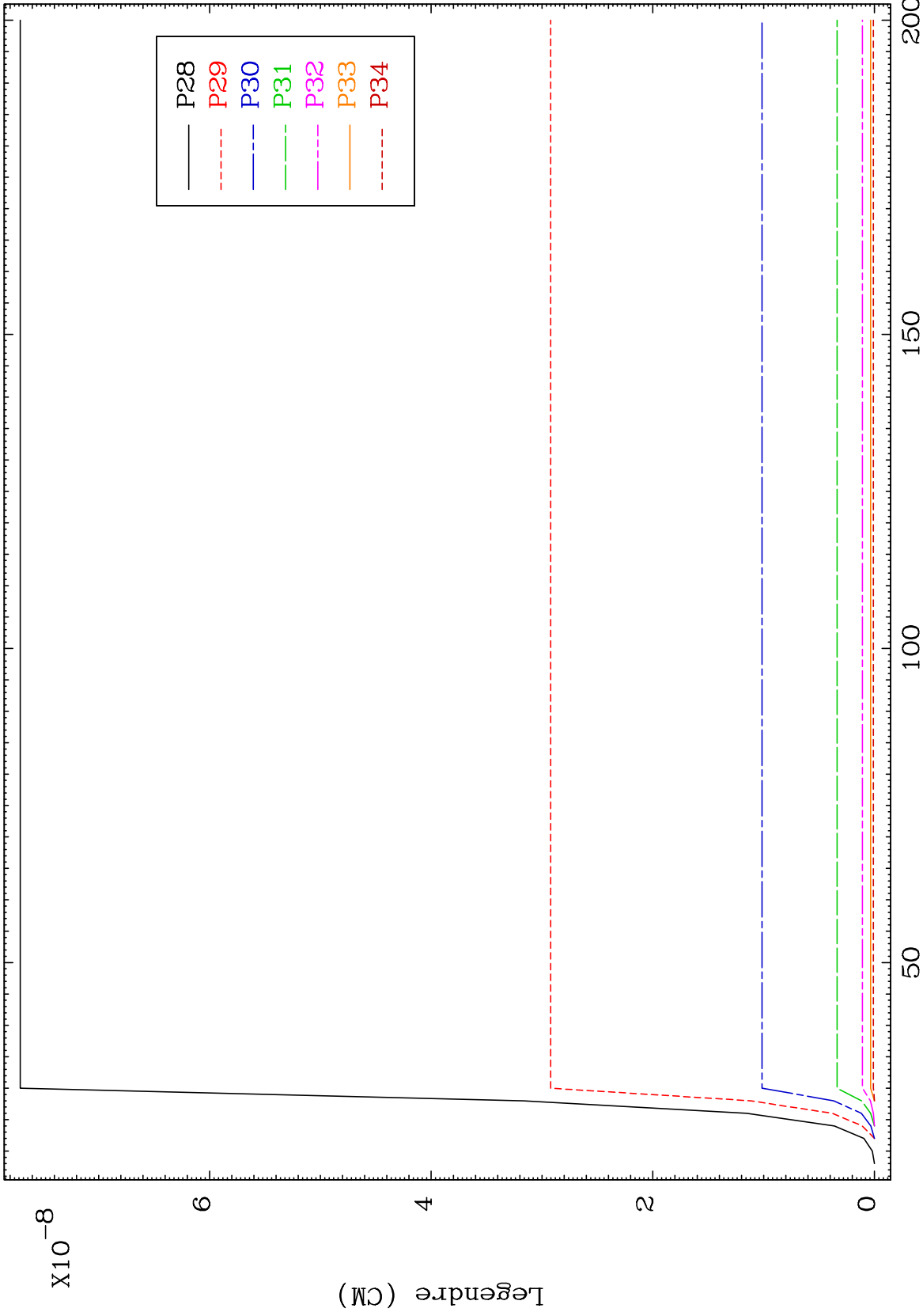
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



57

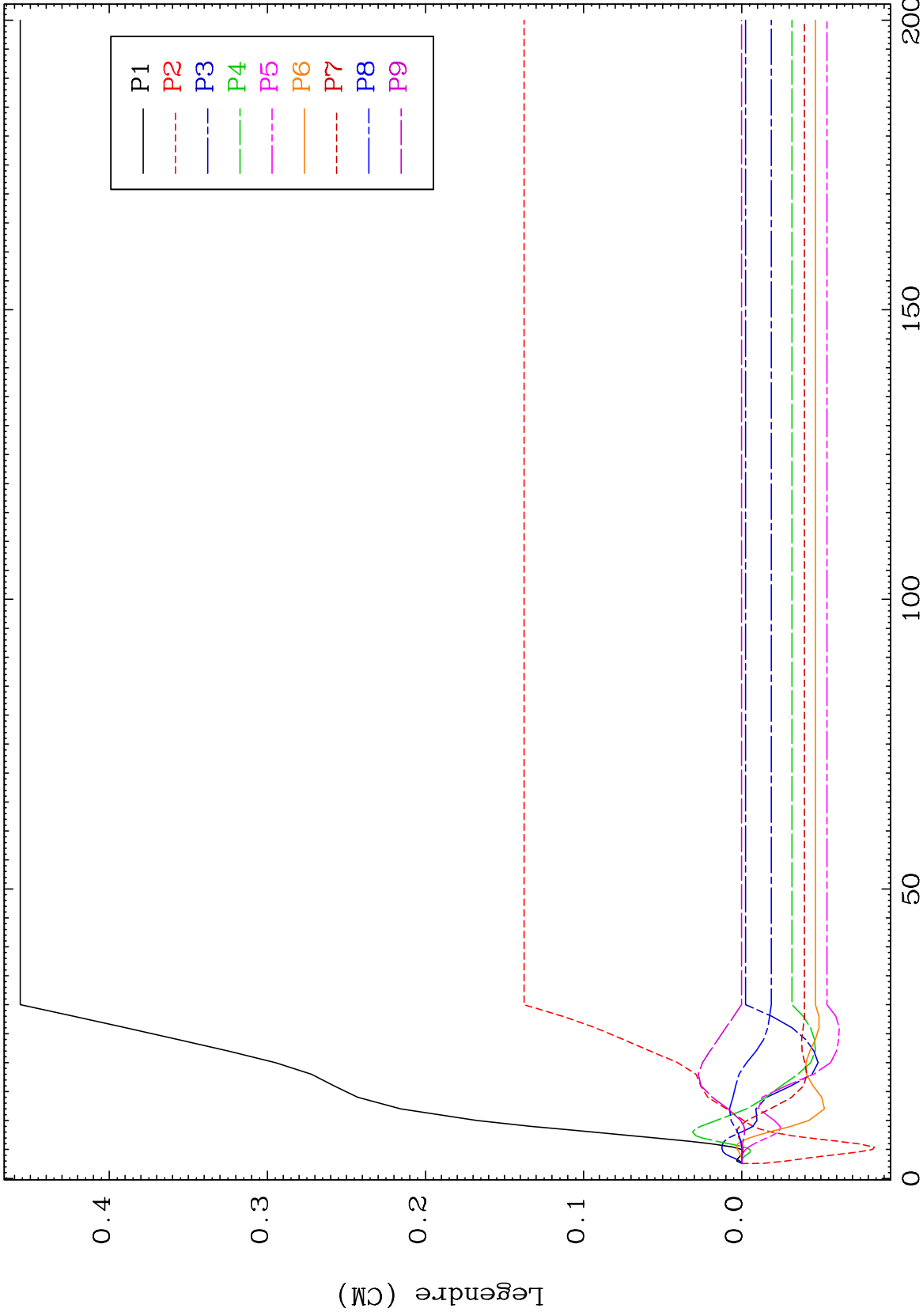
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



58

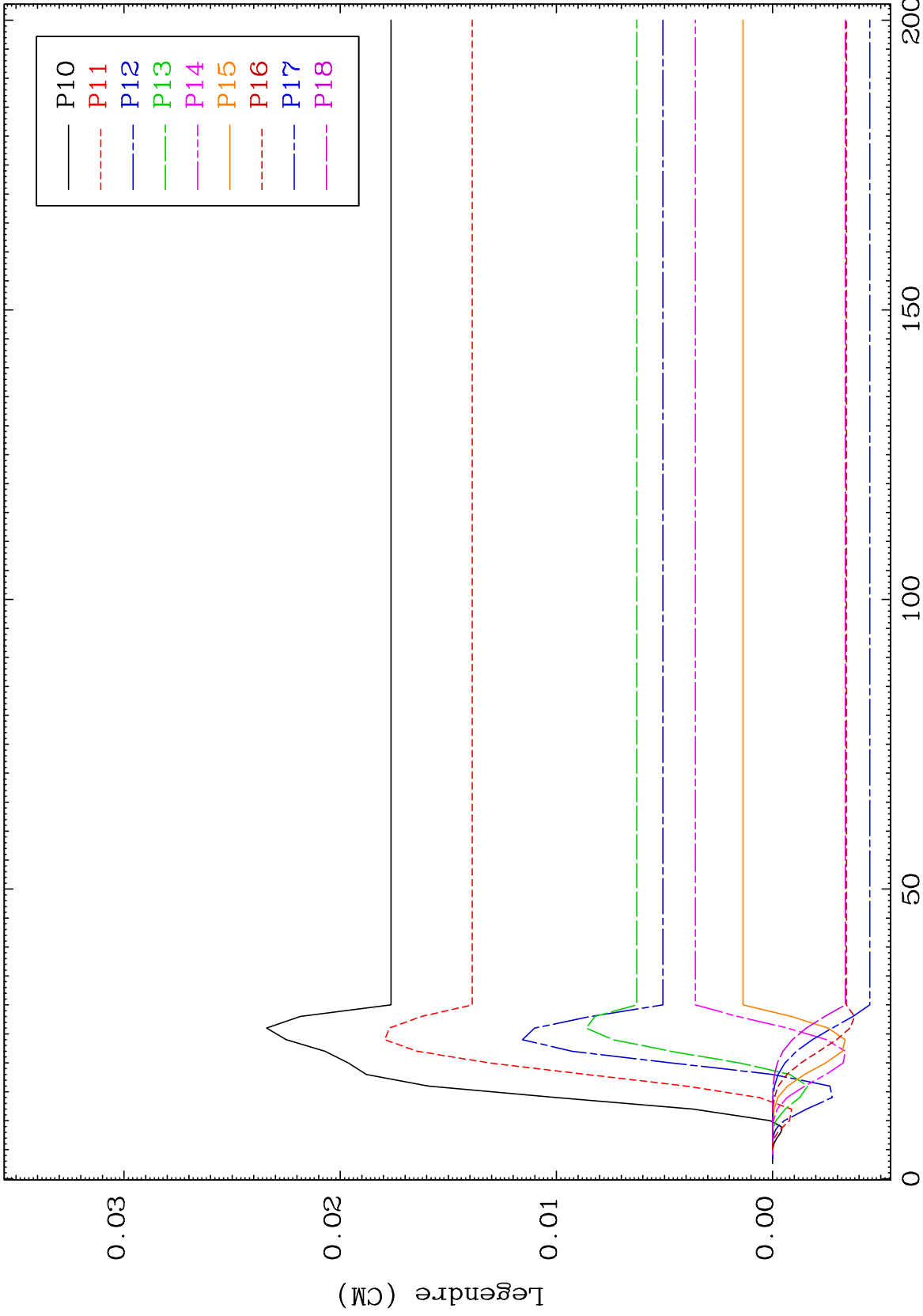
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



59

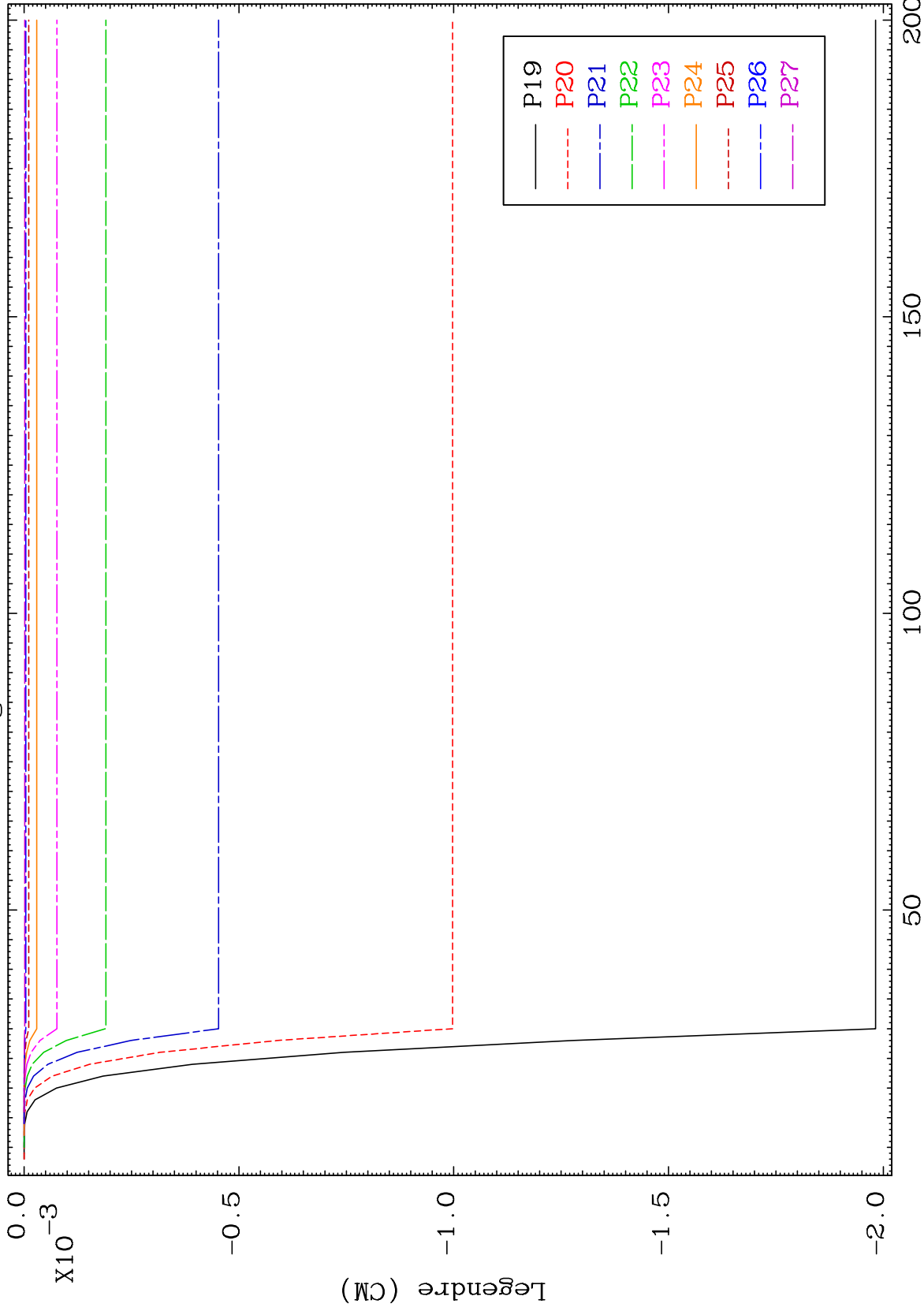
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



60

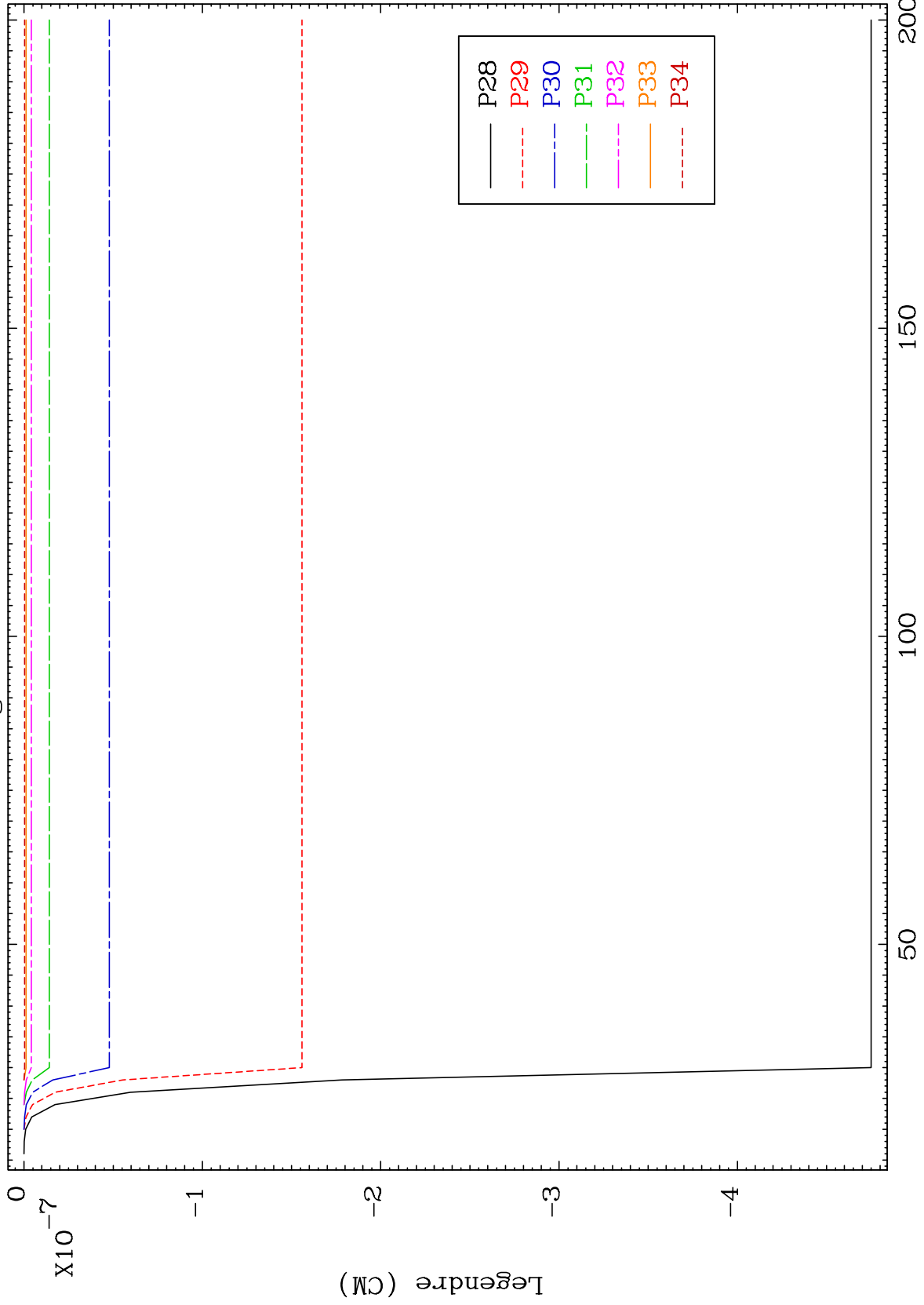
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



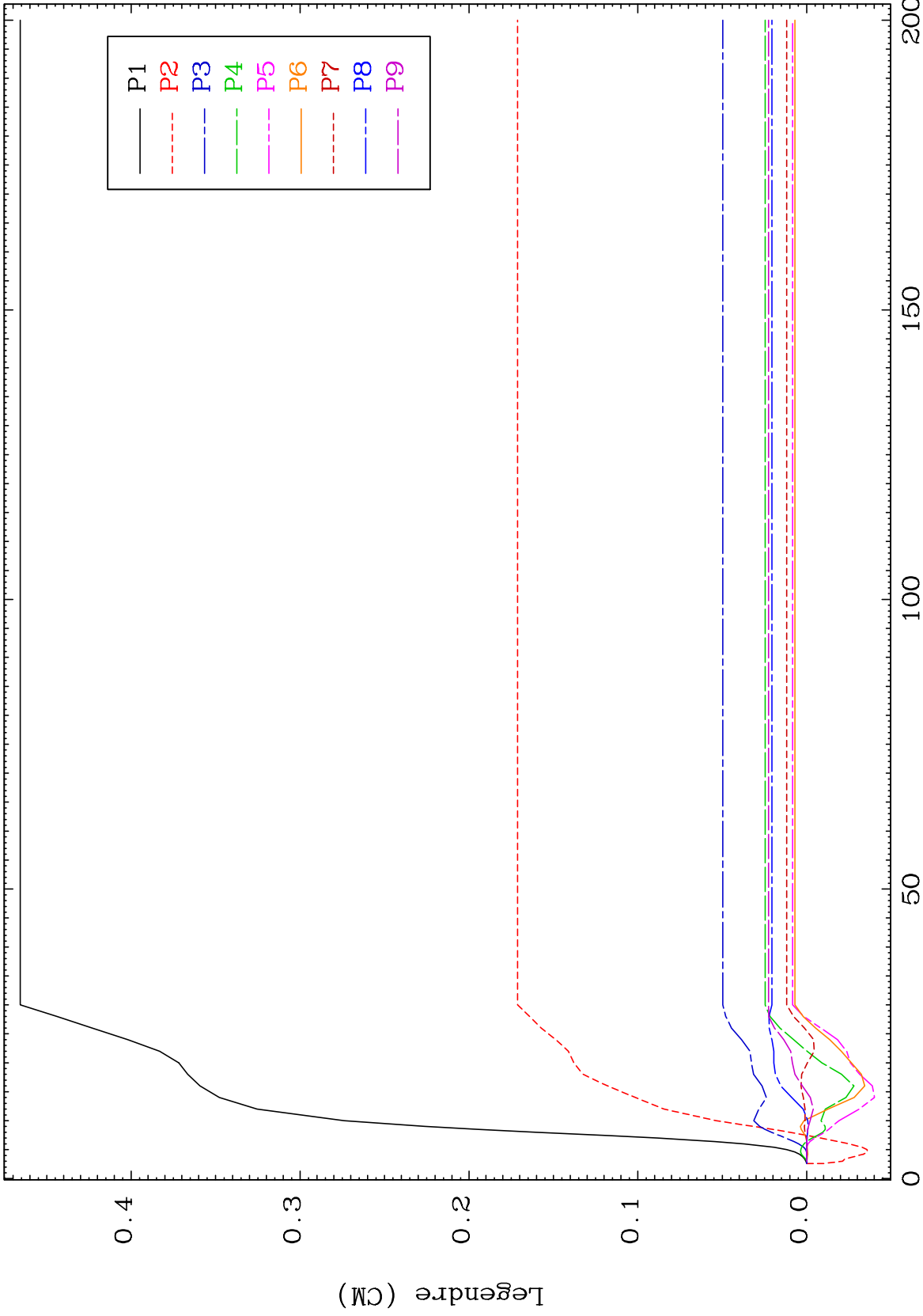
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42-Mo-94

MAT 4231

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

42-Mo-94



62

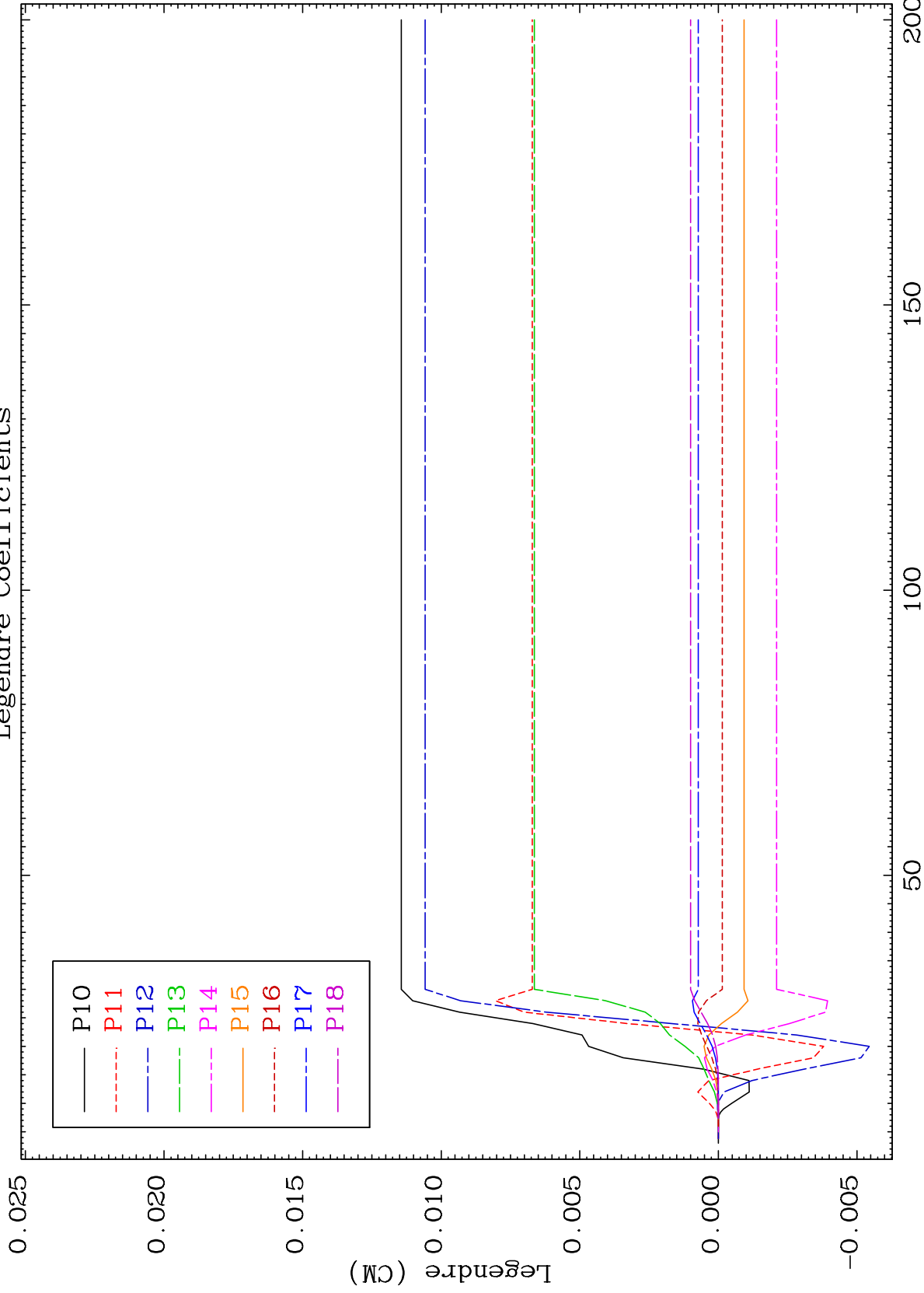
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



63

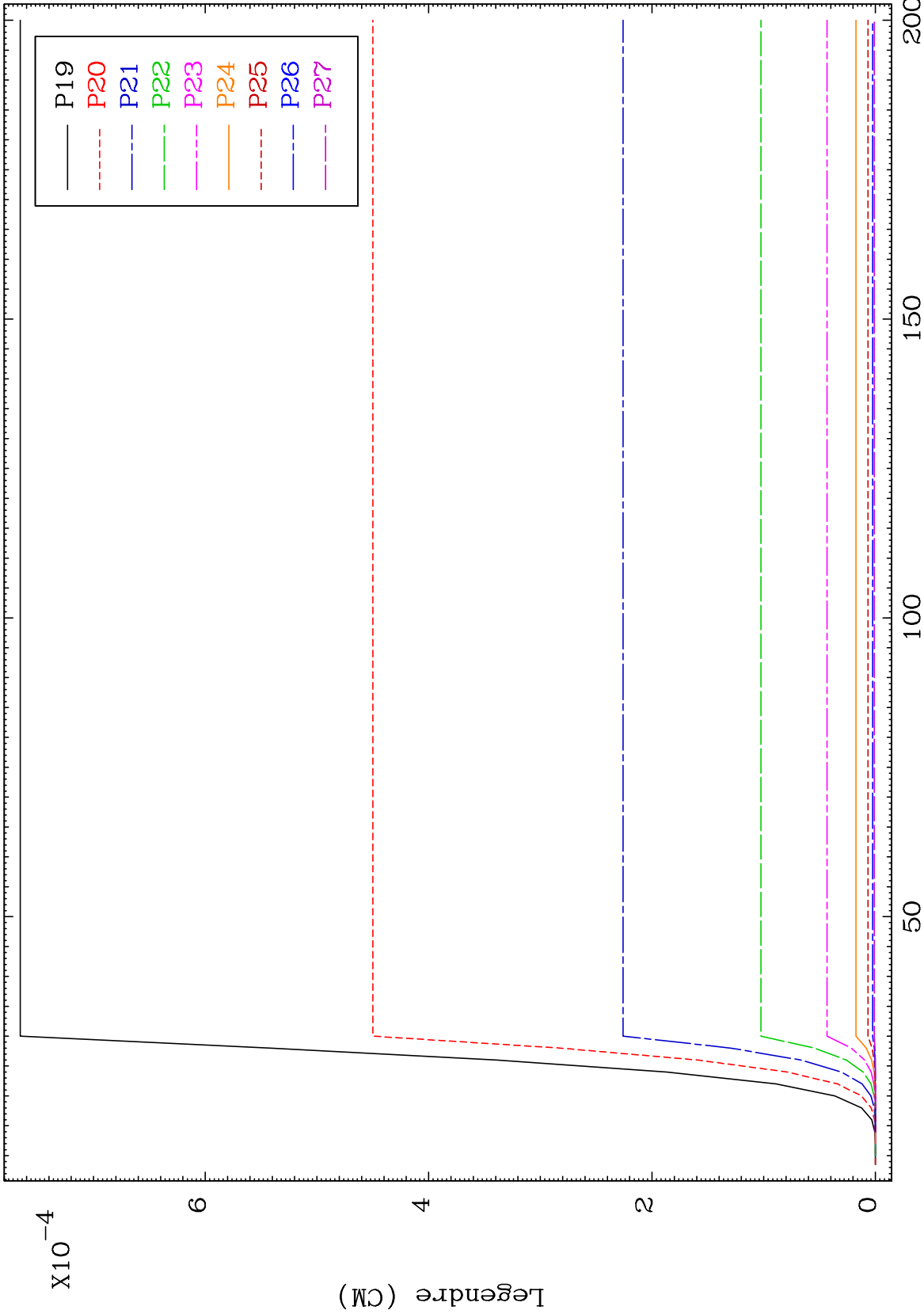
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



64

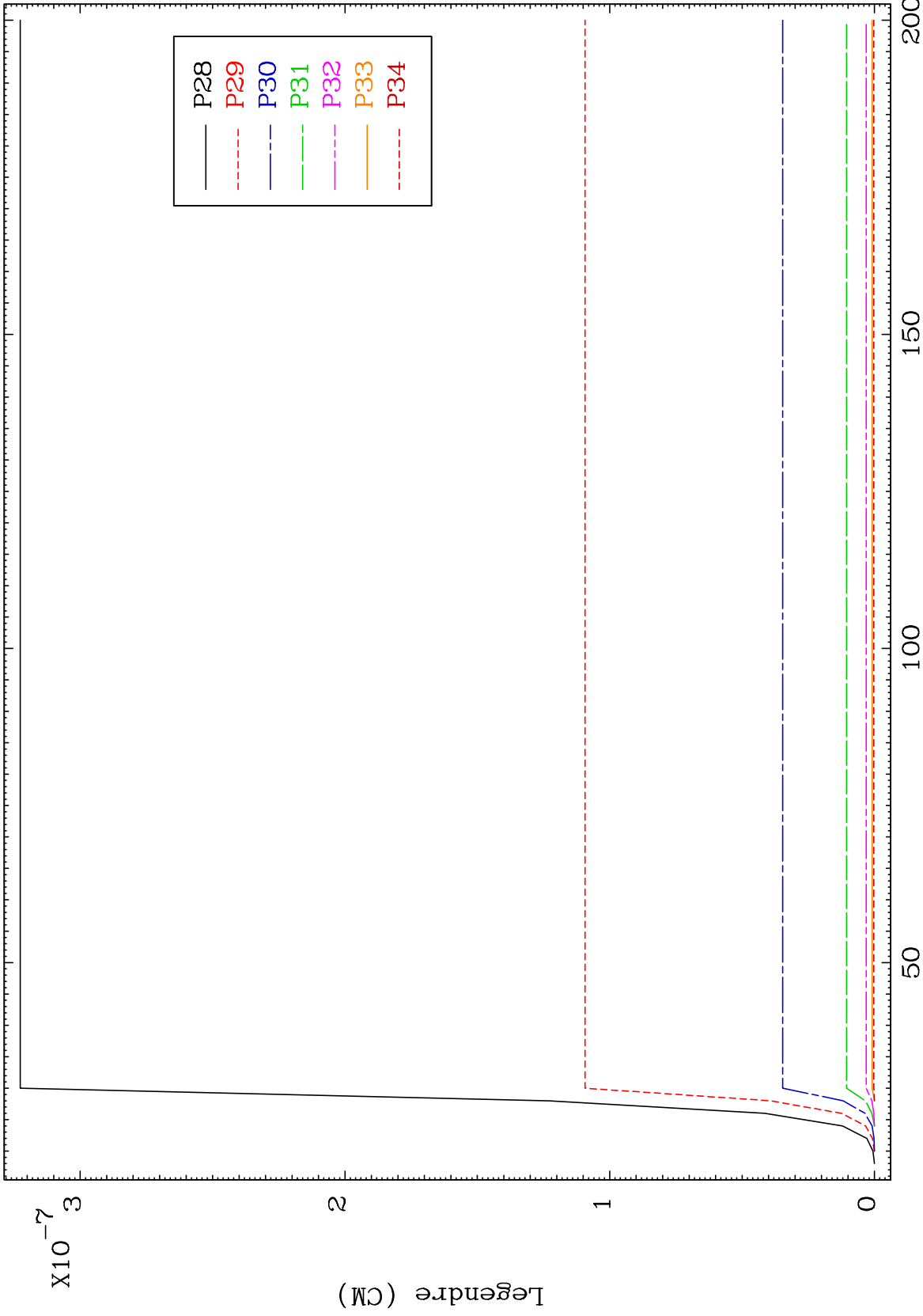
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



65

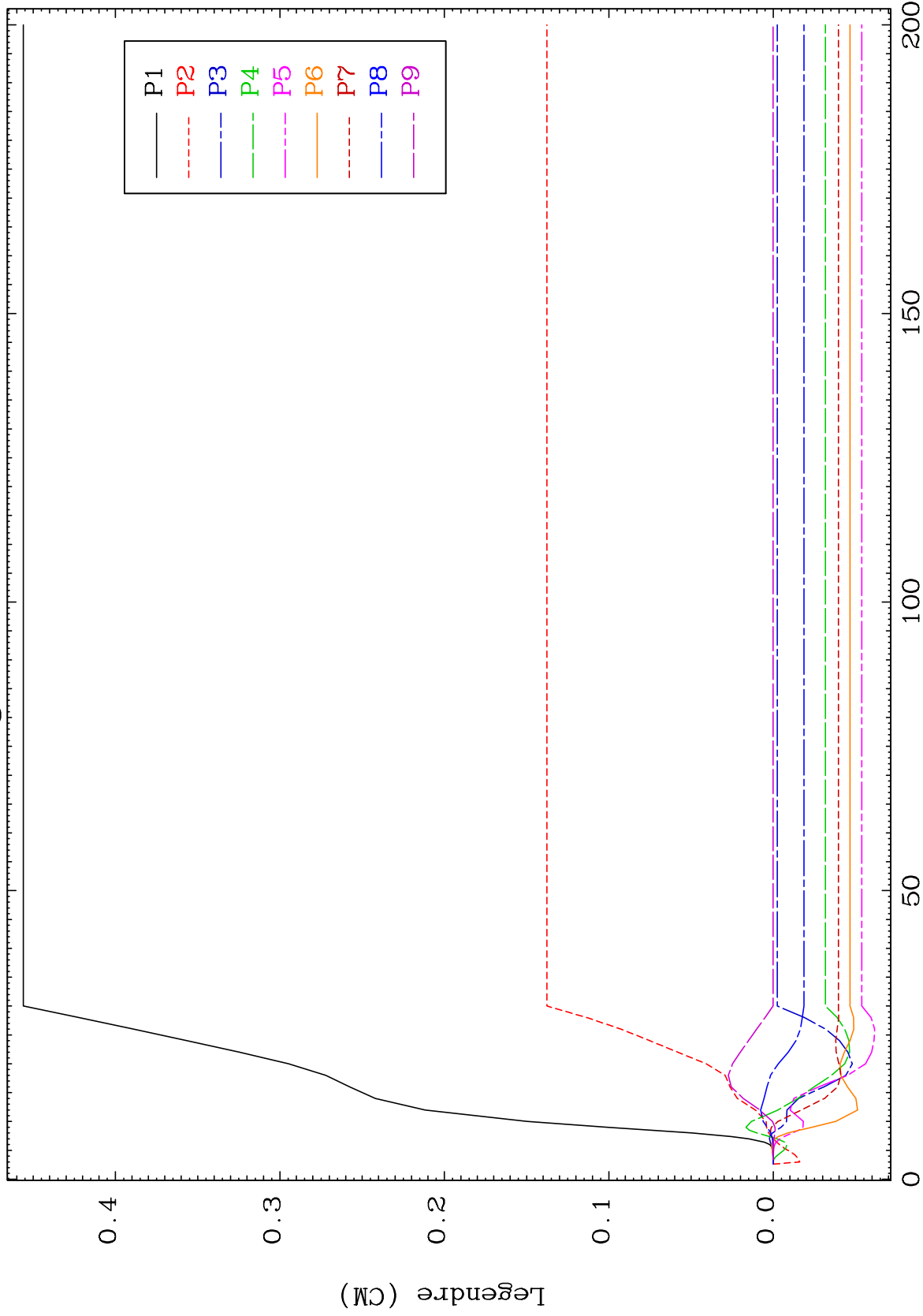
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



66

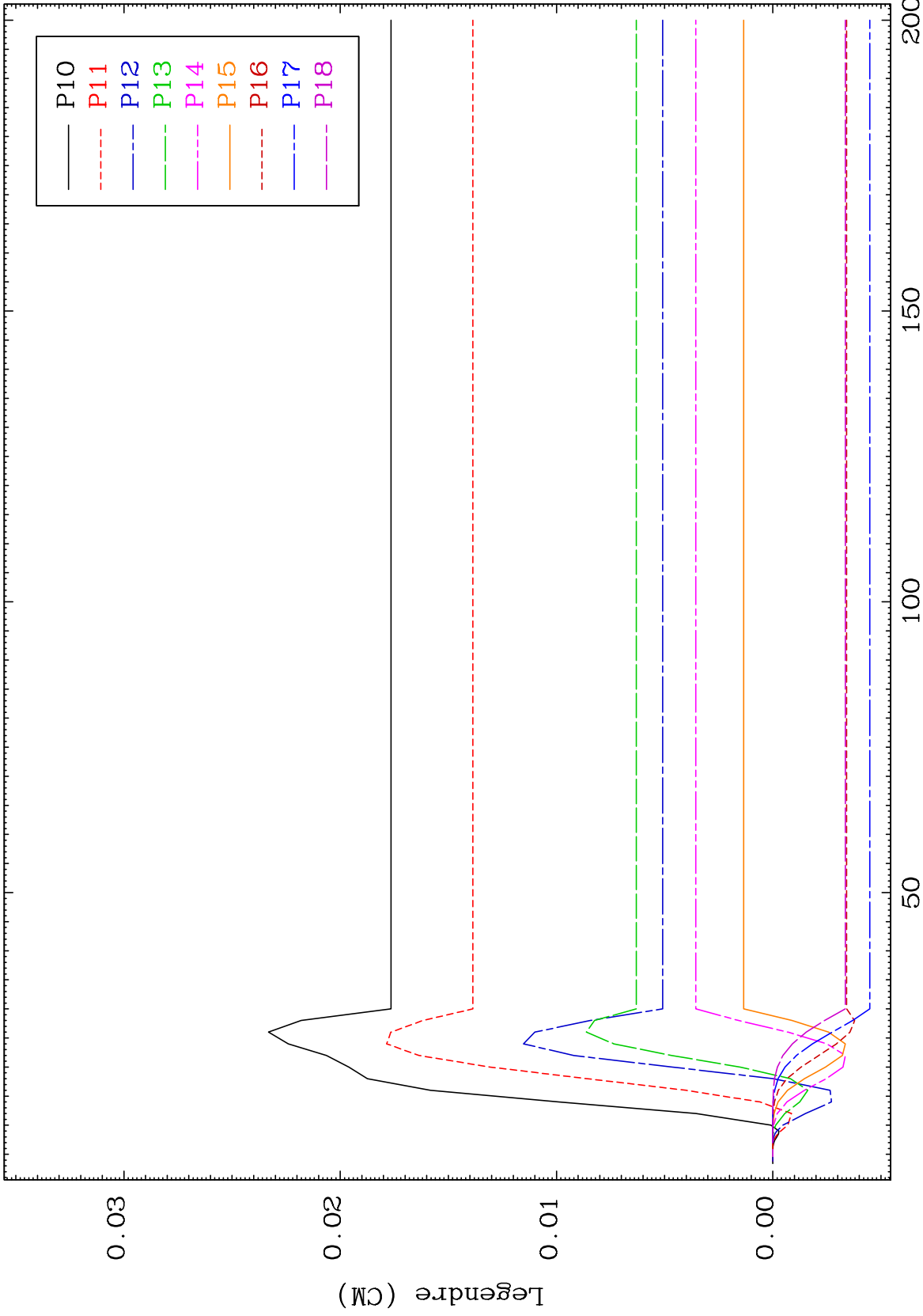
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



67

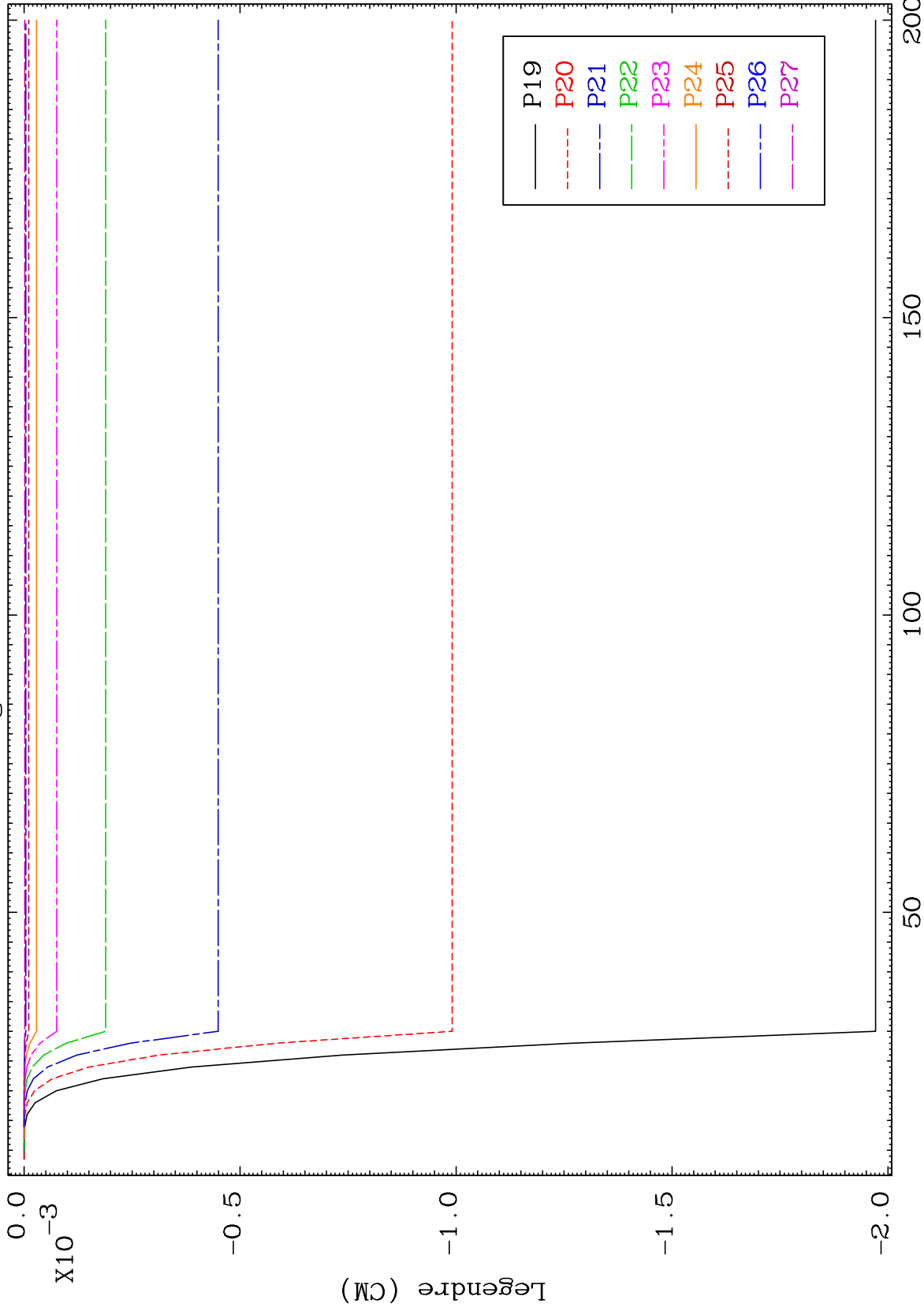
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



42-Mo-94

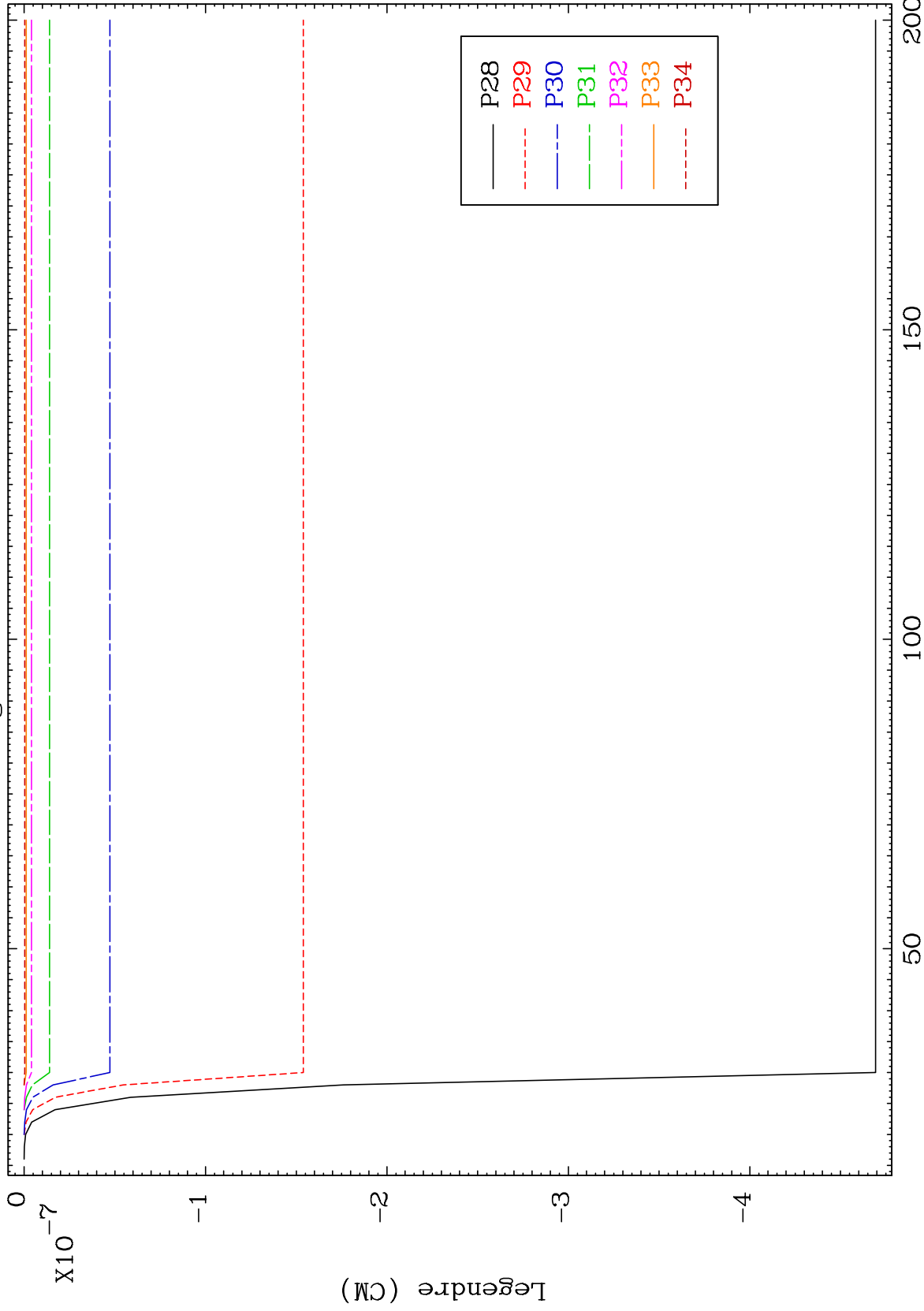
Incident Energy (MeV)

68

MAT 4231

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

42-Mo-94



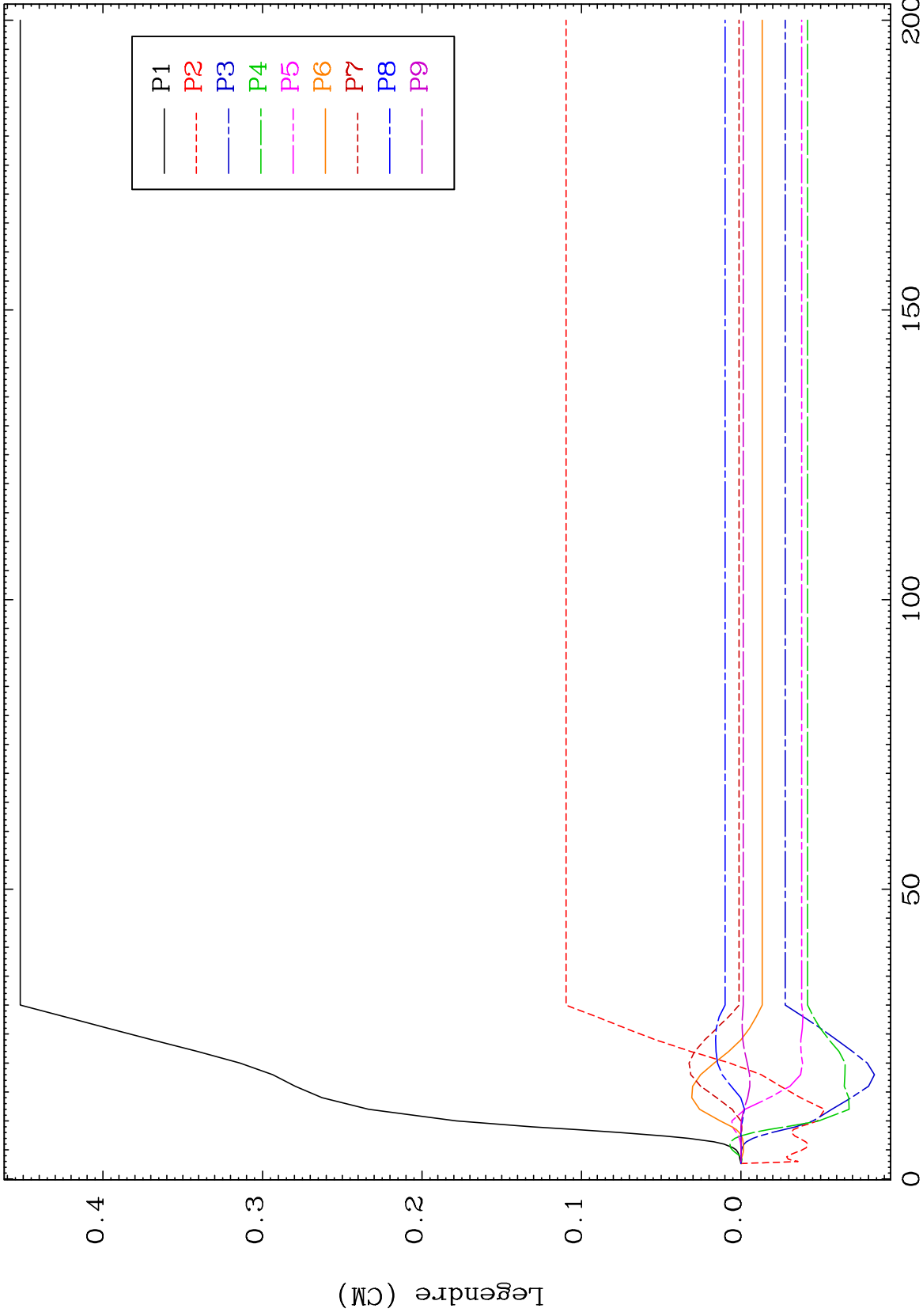
69

42-Mo-94

MAT 4231

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

42-Mo-94



42-Mo-94

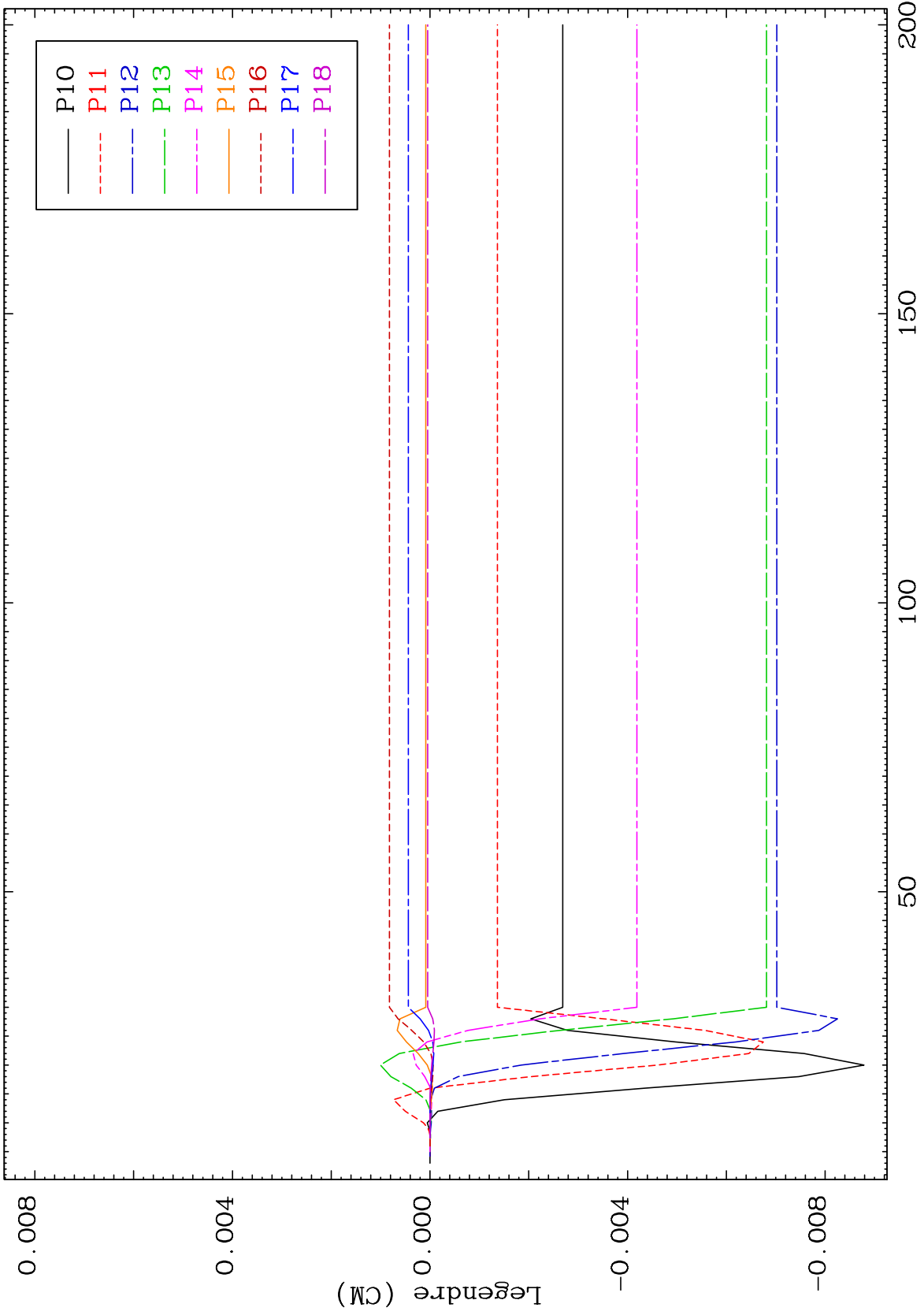
Incident Energy (MeV)

70

MAT 4231

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

42-Mo-94



71

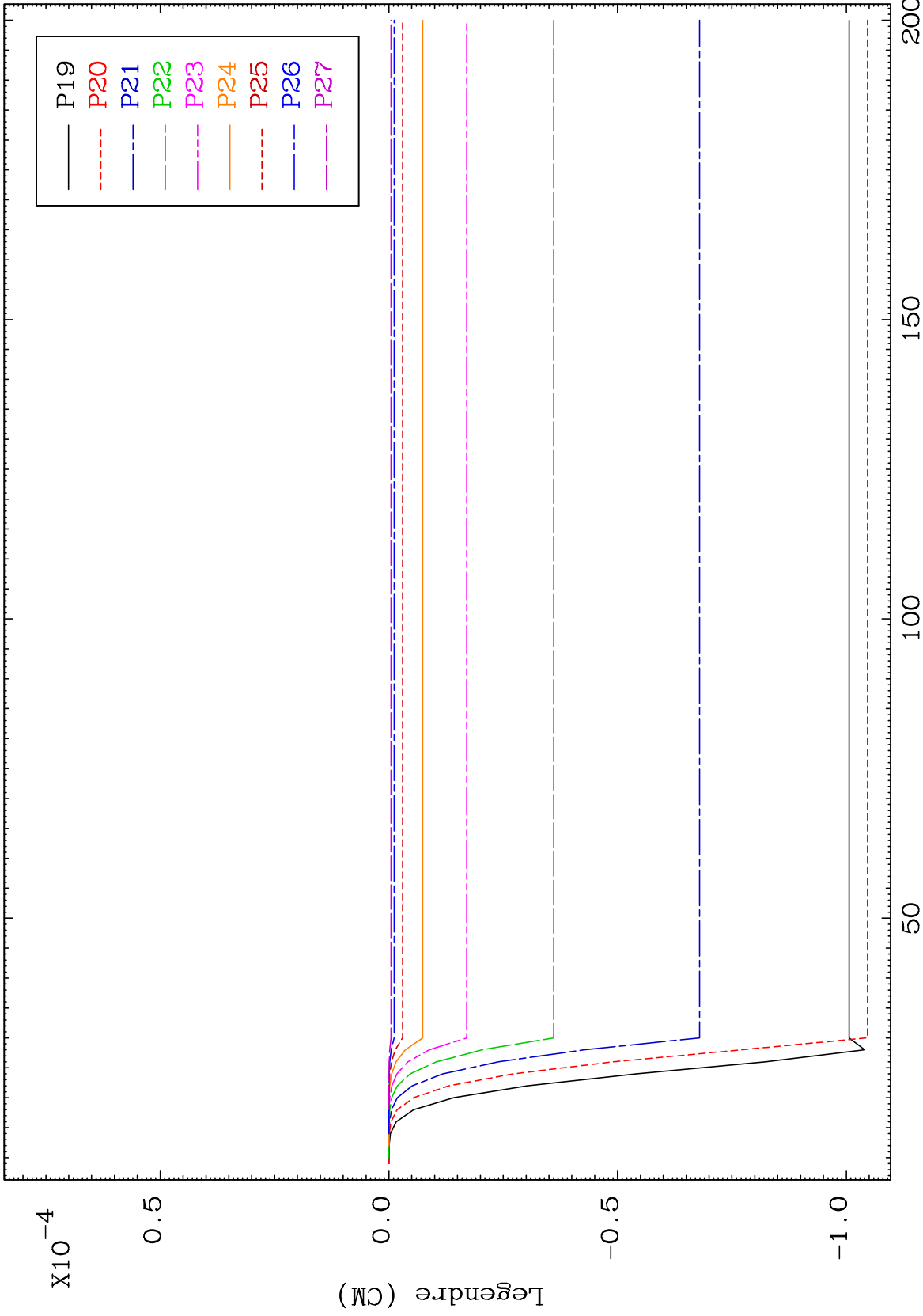
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



72

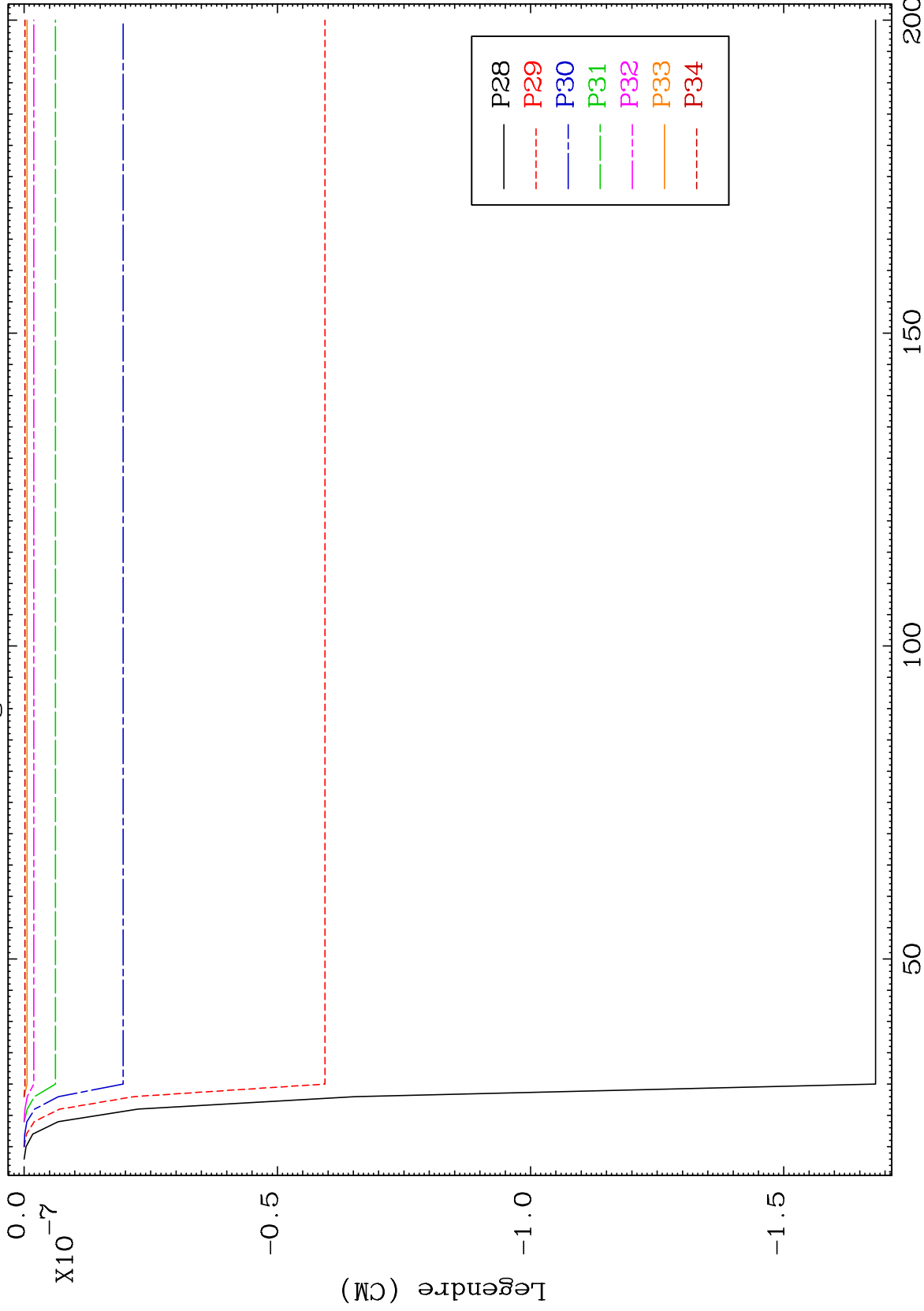
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



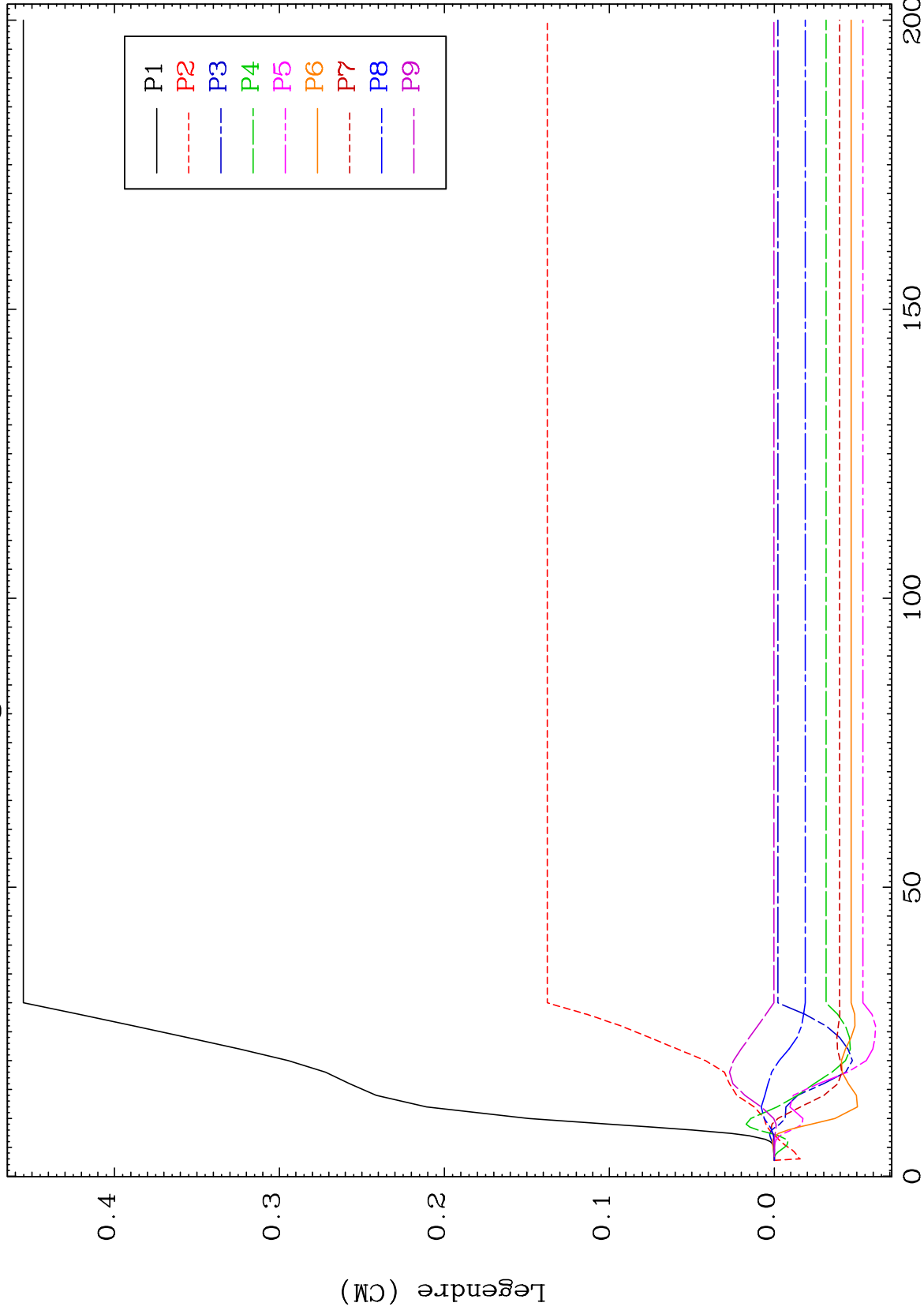
73

42-Mo-94

MAT 4231

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

42-Mo-94



74

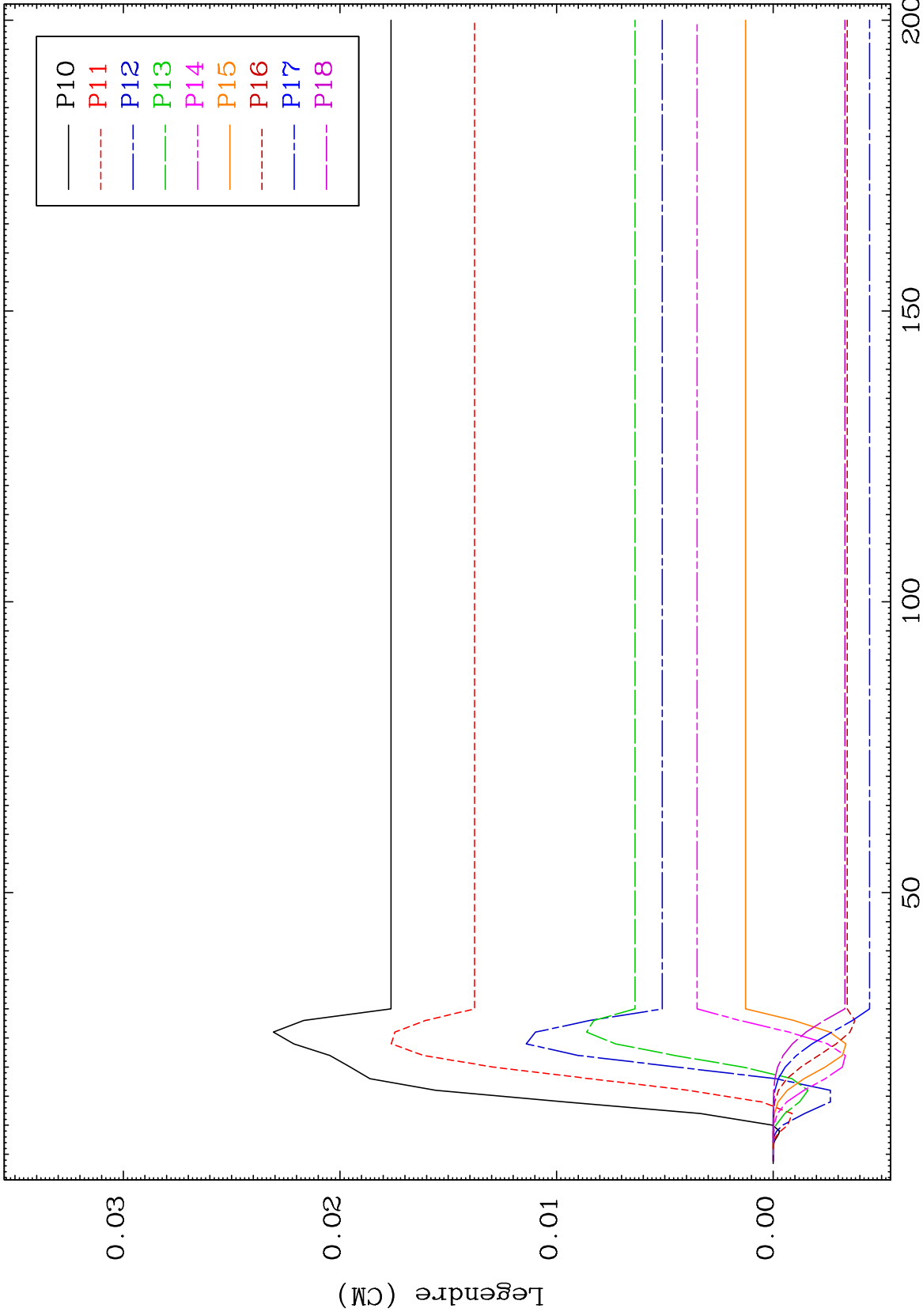
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



75

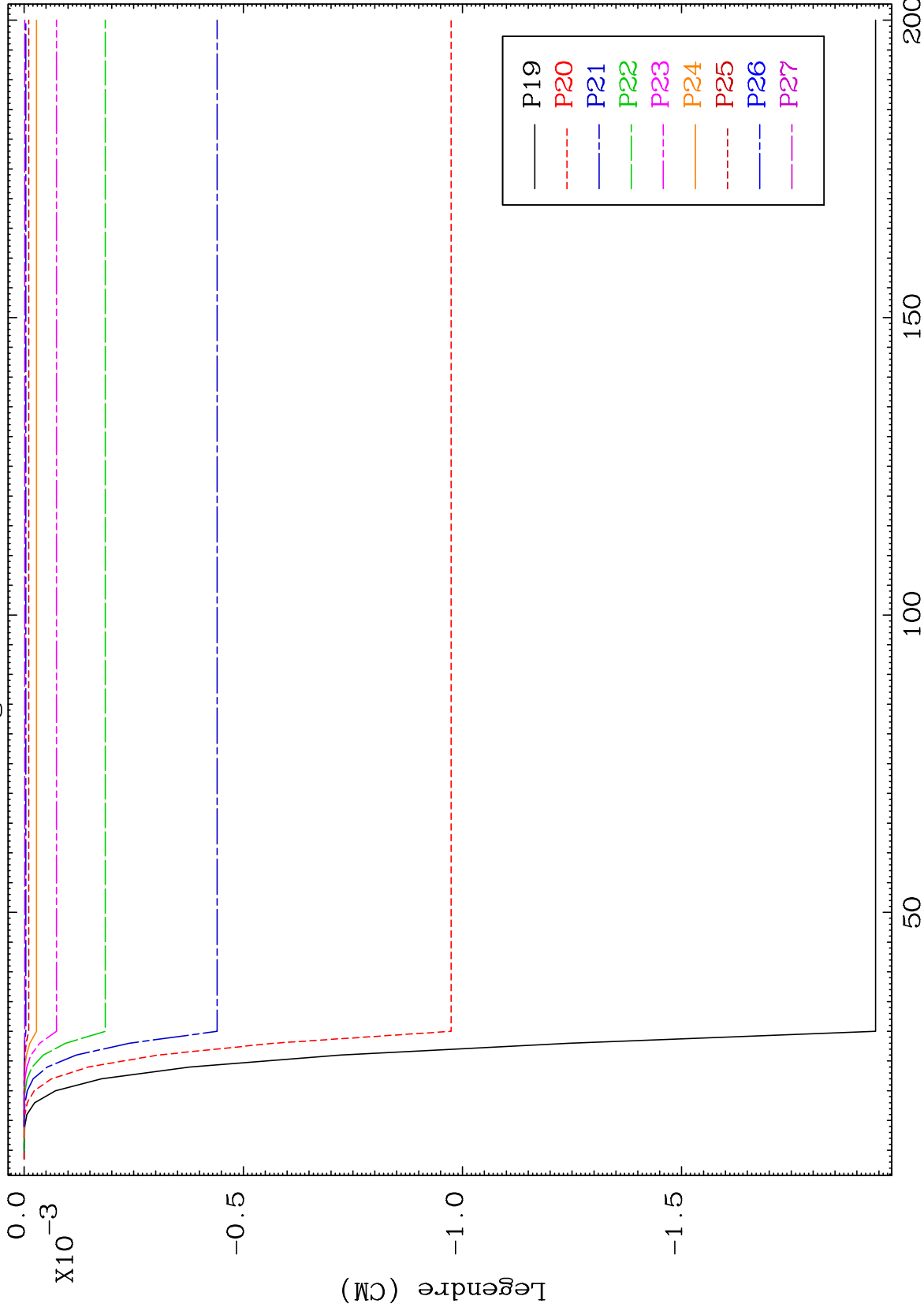
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



76

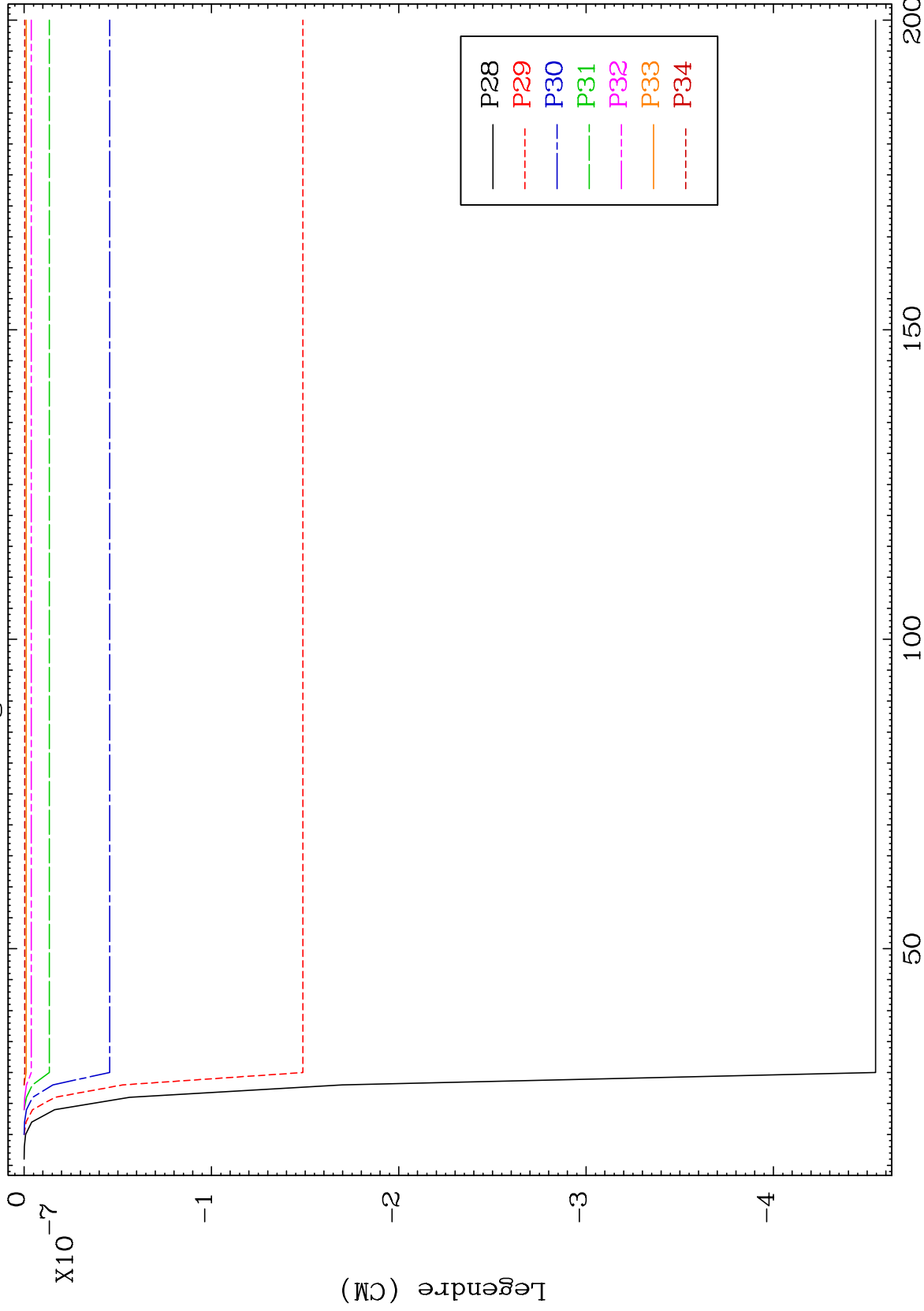
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94

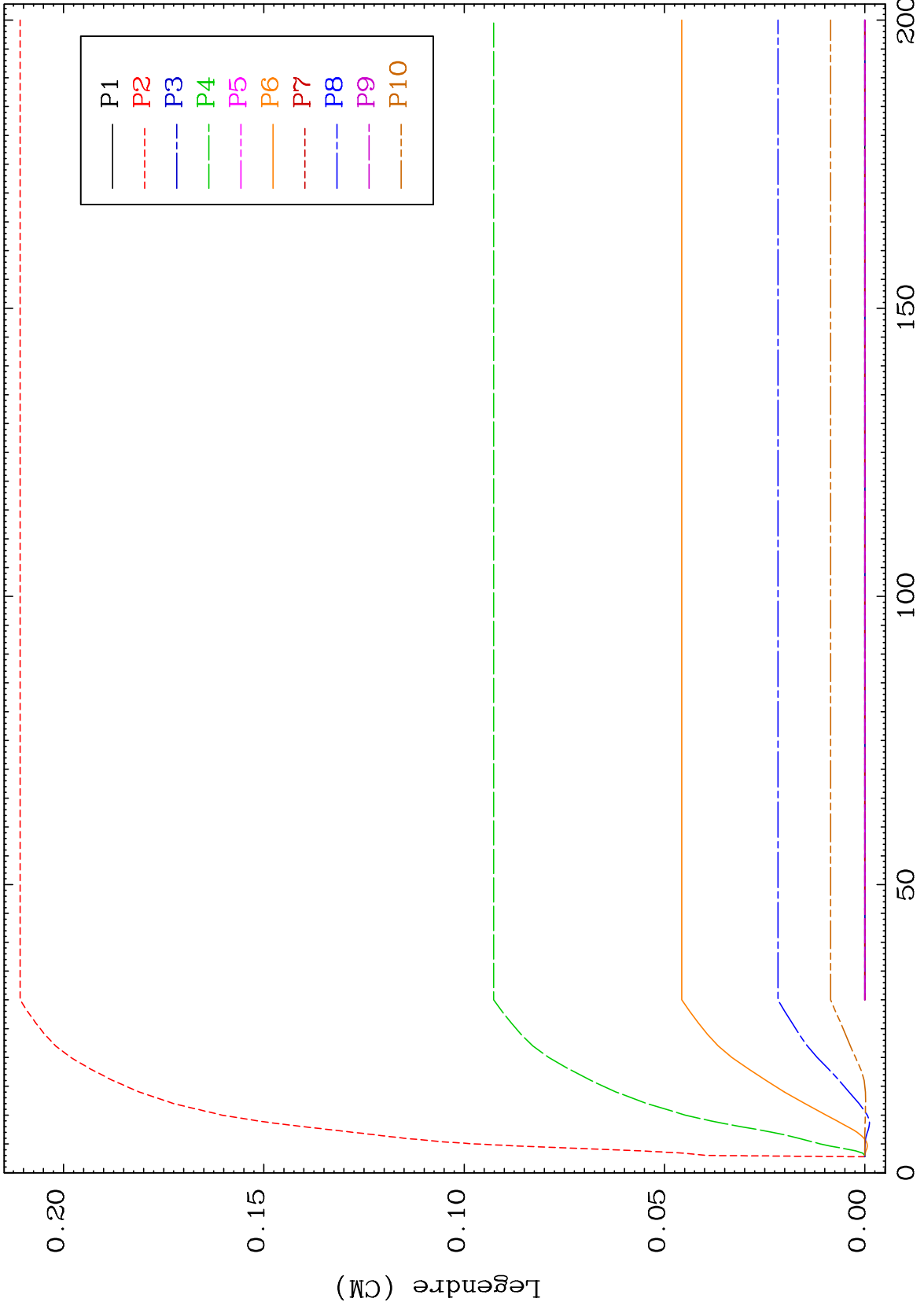


42-Mo-94

Incident Energy (MeV)

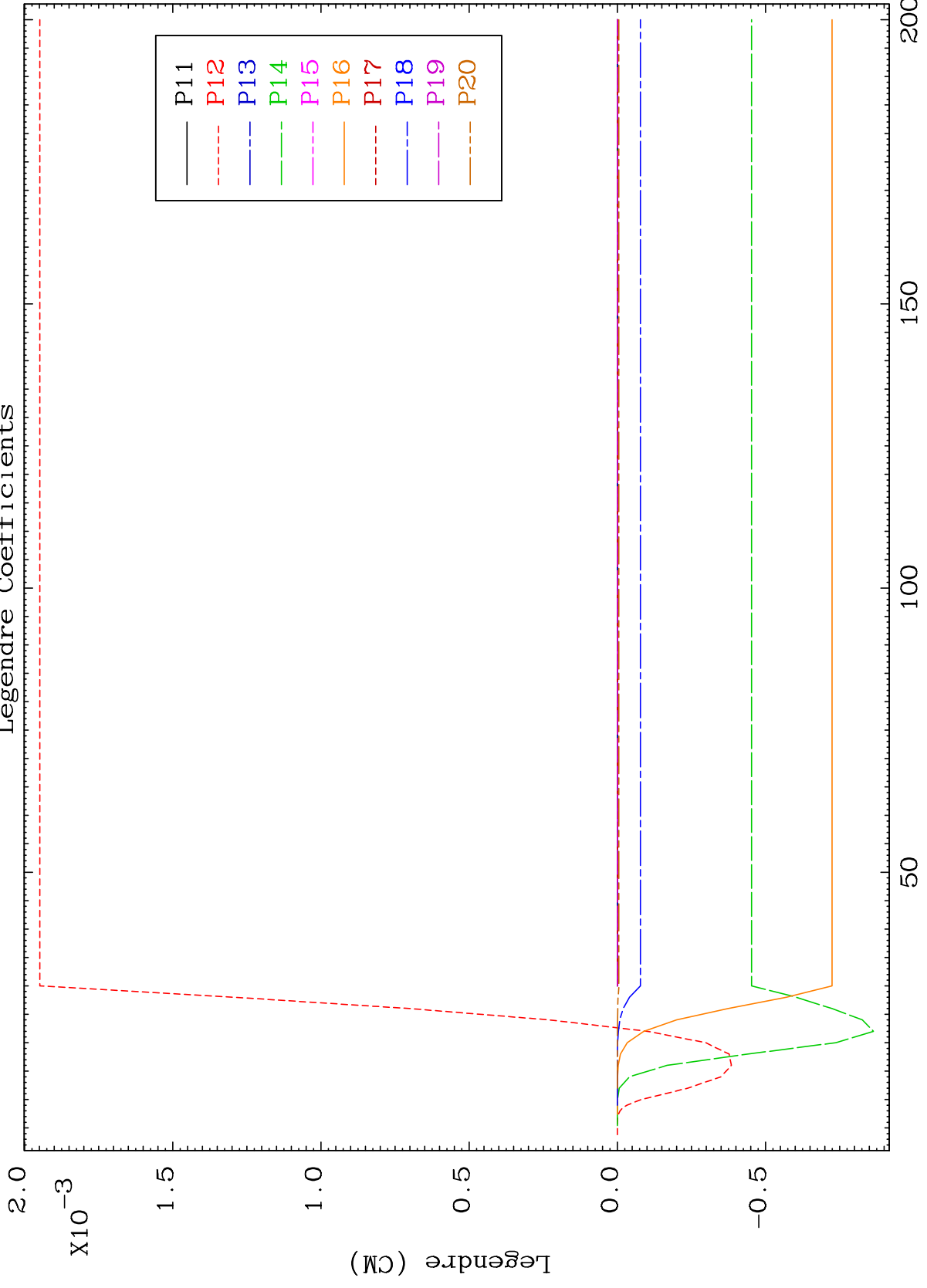
77

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



78 42-Mo-94

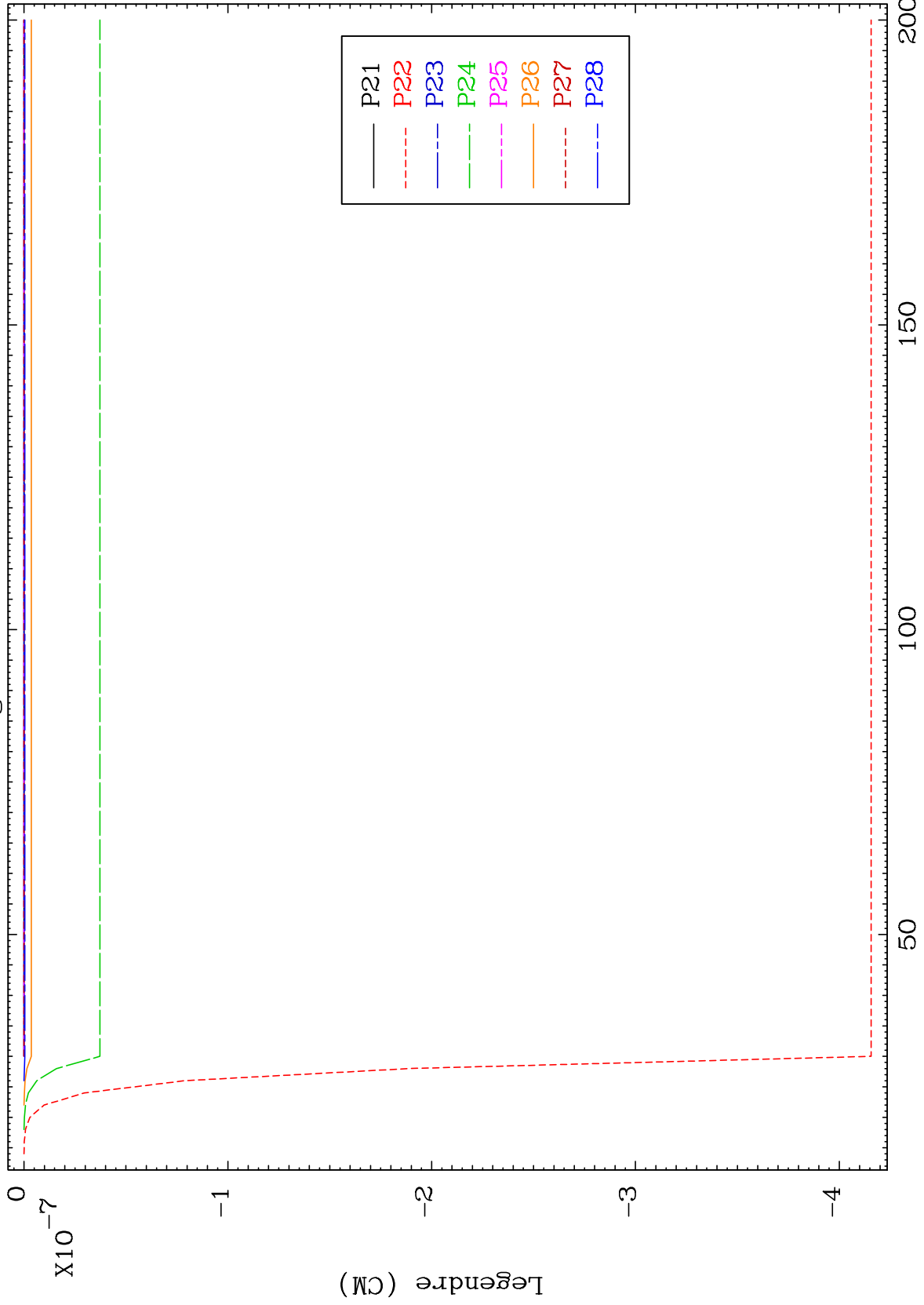
MAT 4231 MT= 66 (n,n') Level Legendre Coefficients 42-Mo-94



MAT 4231

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

42-Mo-94



42-Mo-94

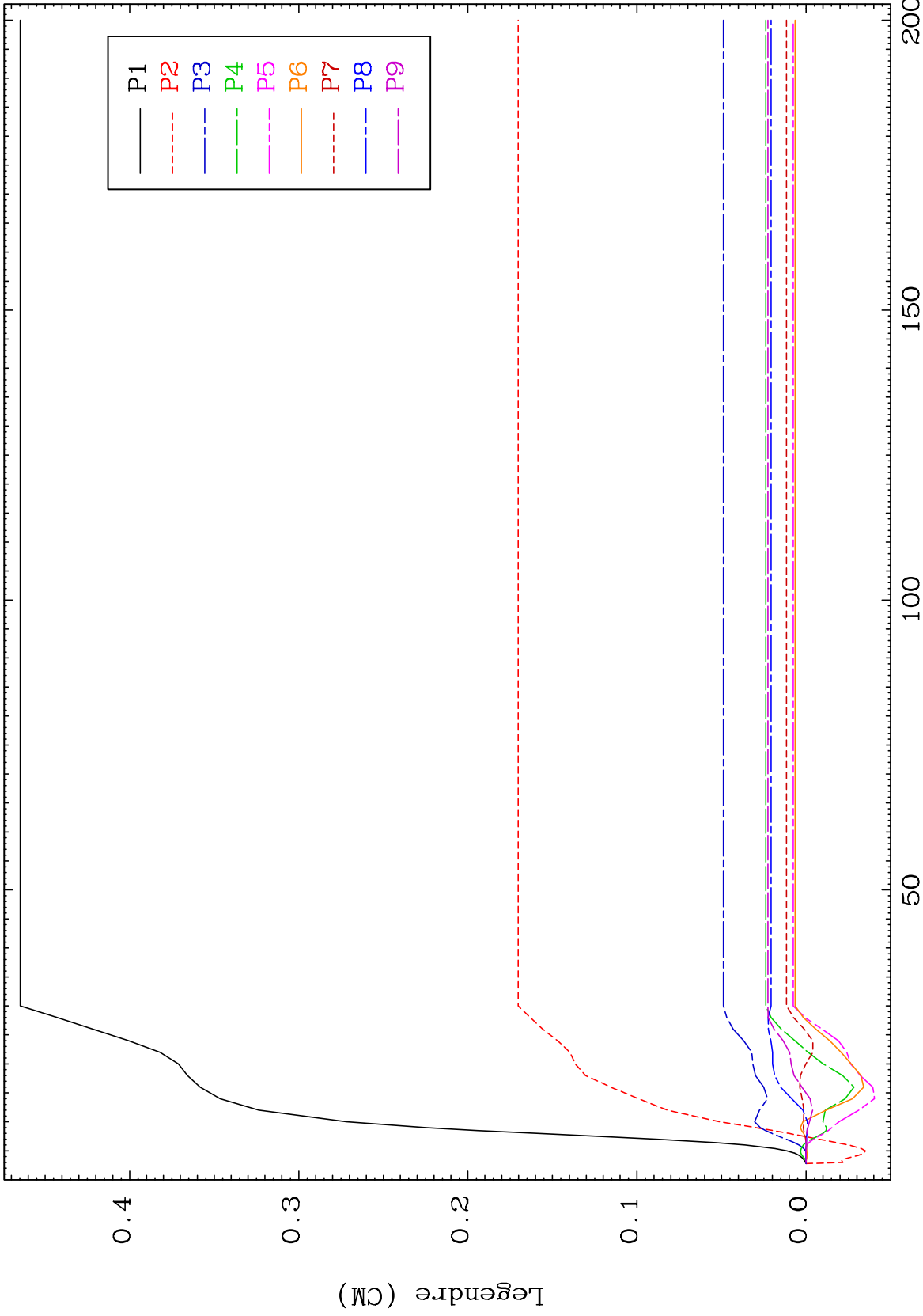
Incident Energy (MeV)

80

MAT 4231

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

42-Mo-94



81

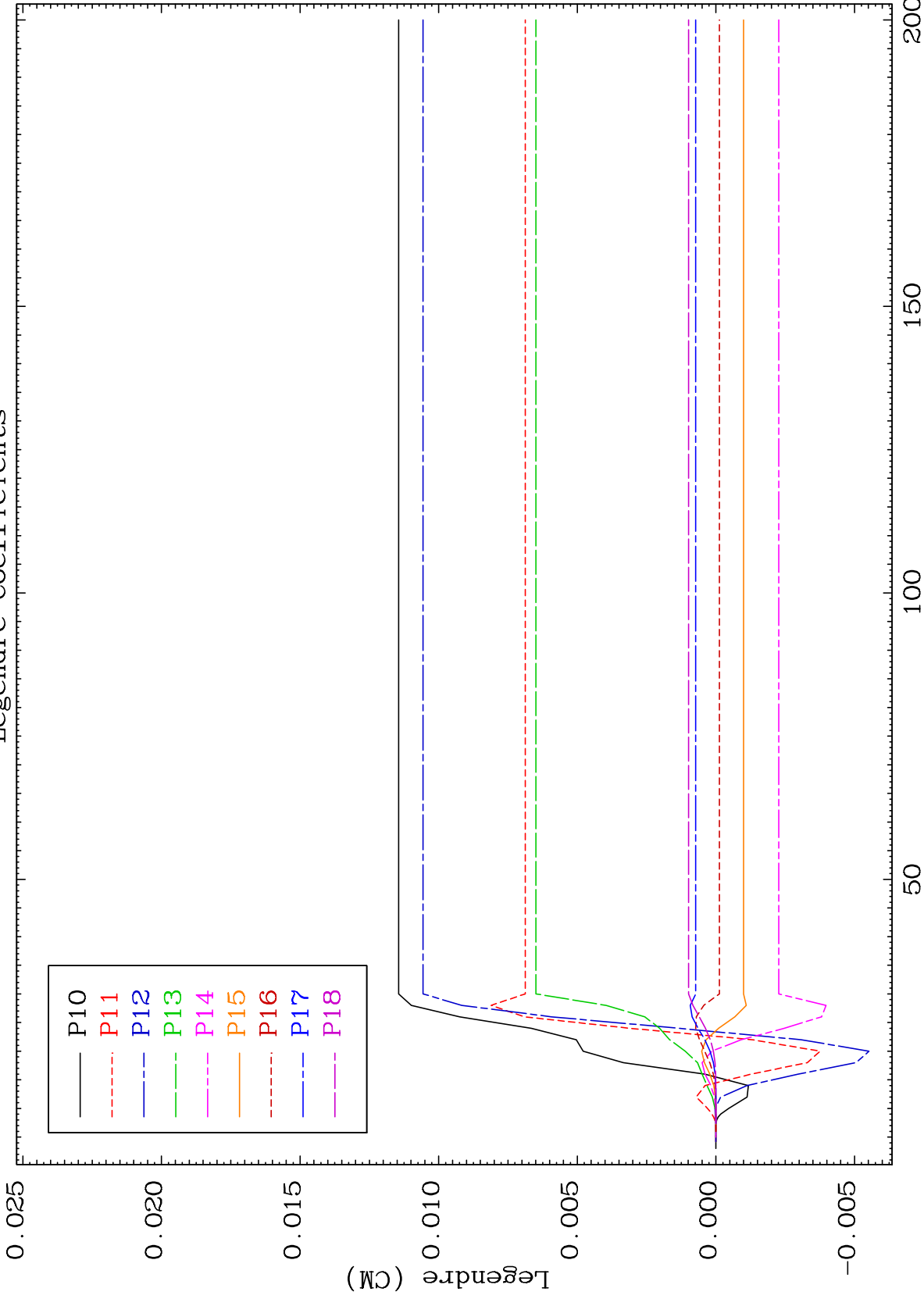
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



82

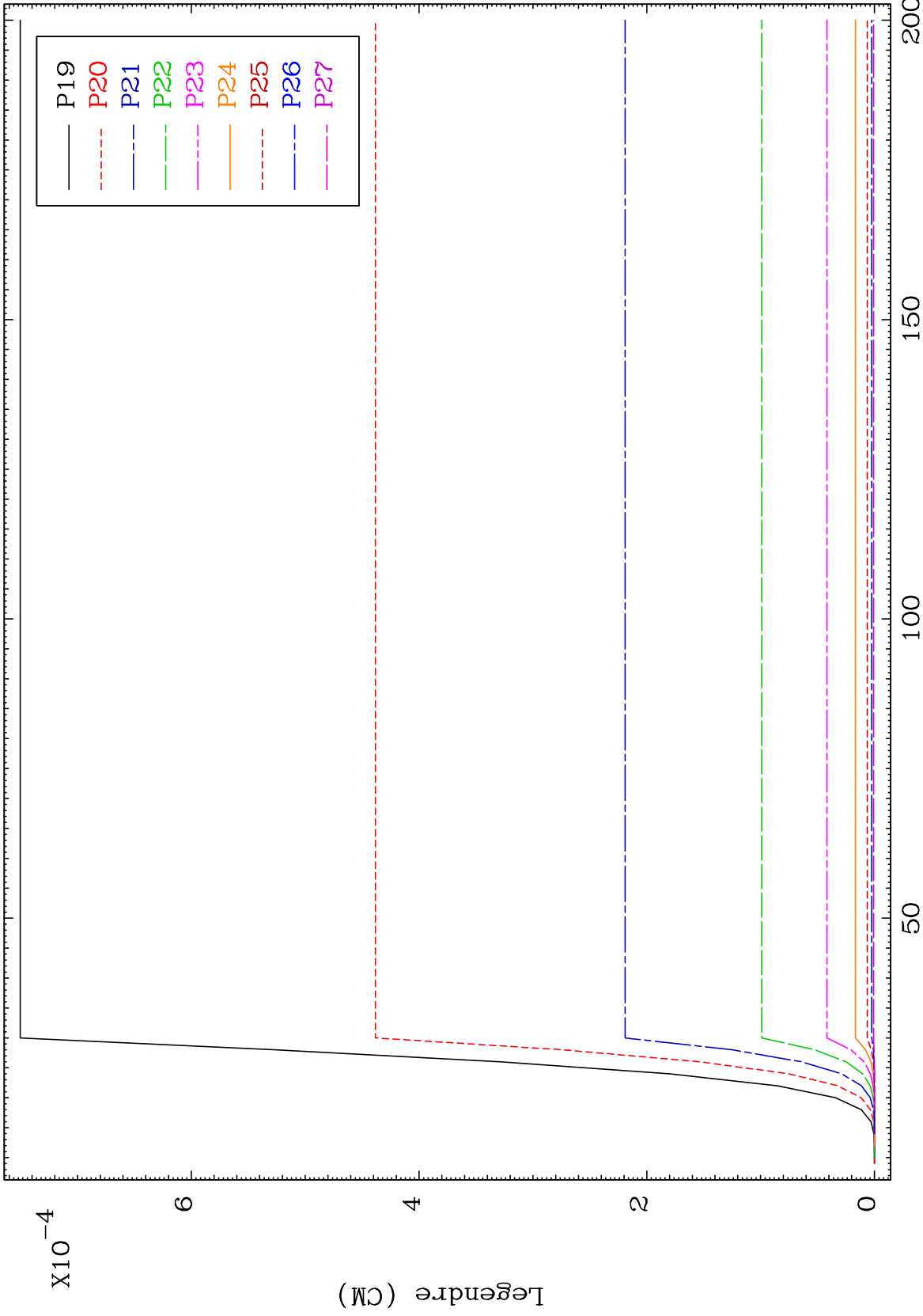
Incident Energy (MeV)

42-Mo-94

MAT 4231

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

42-Mo-94



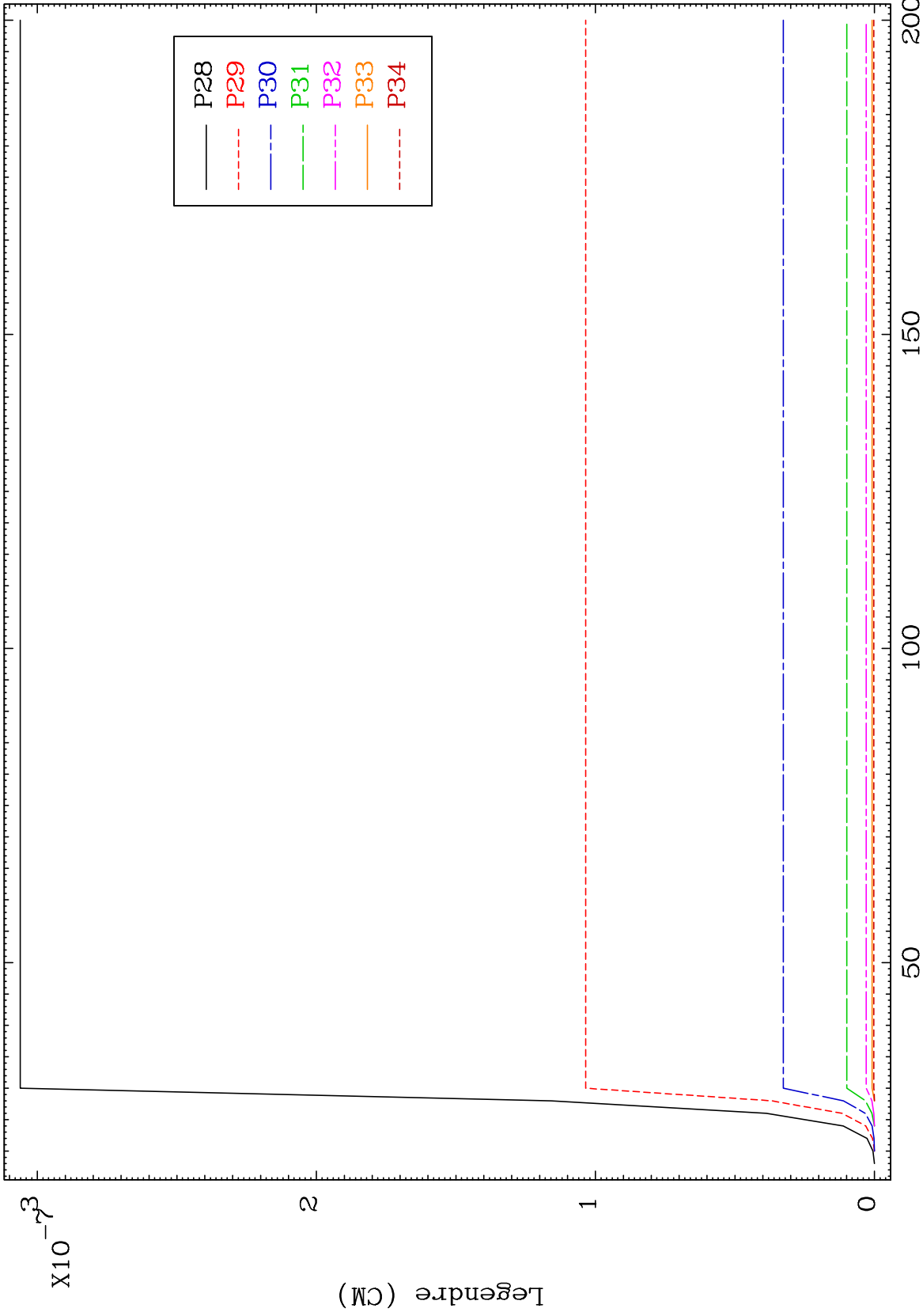
83

42-Mo-94

MAT 4231

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

42-Mo-94

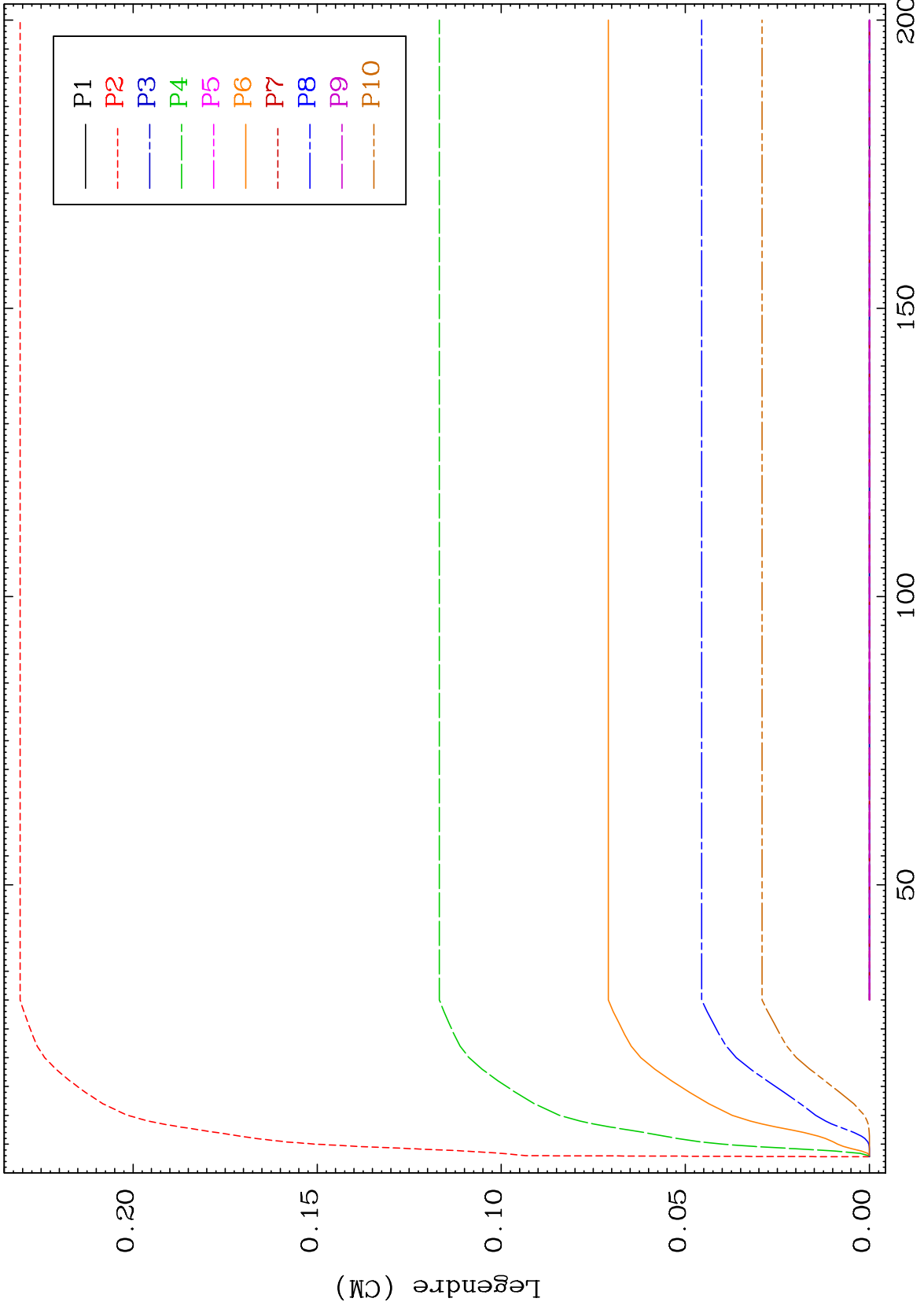


84

Incident Energy (MeV)

42-Mo-94

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

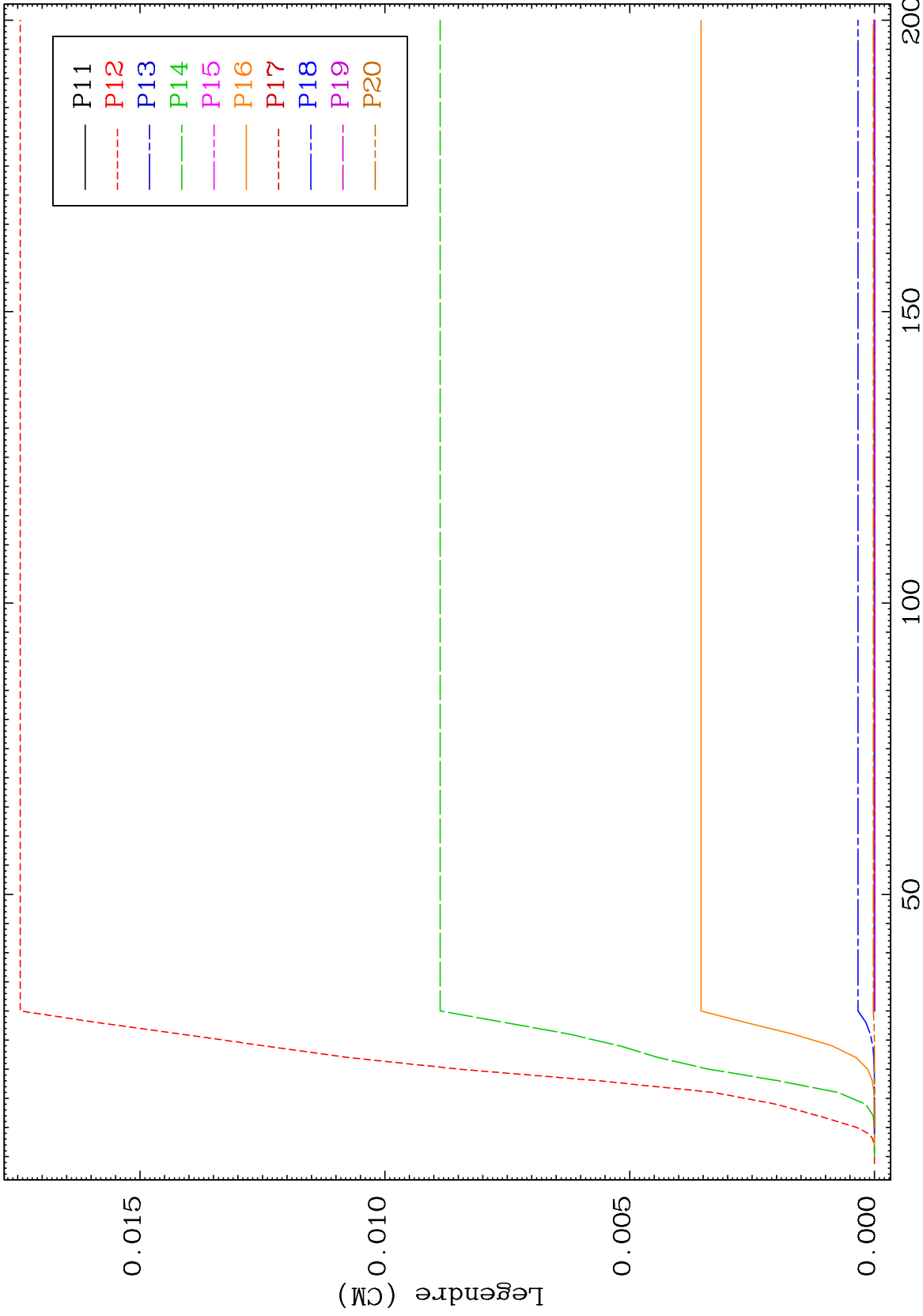


85 Incident Energy (MeV) 42-Mo-94

MAT 4231

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

42-Mo-94

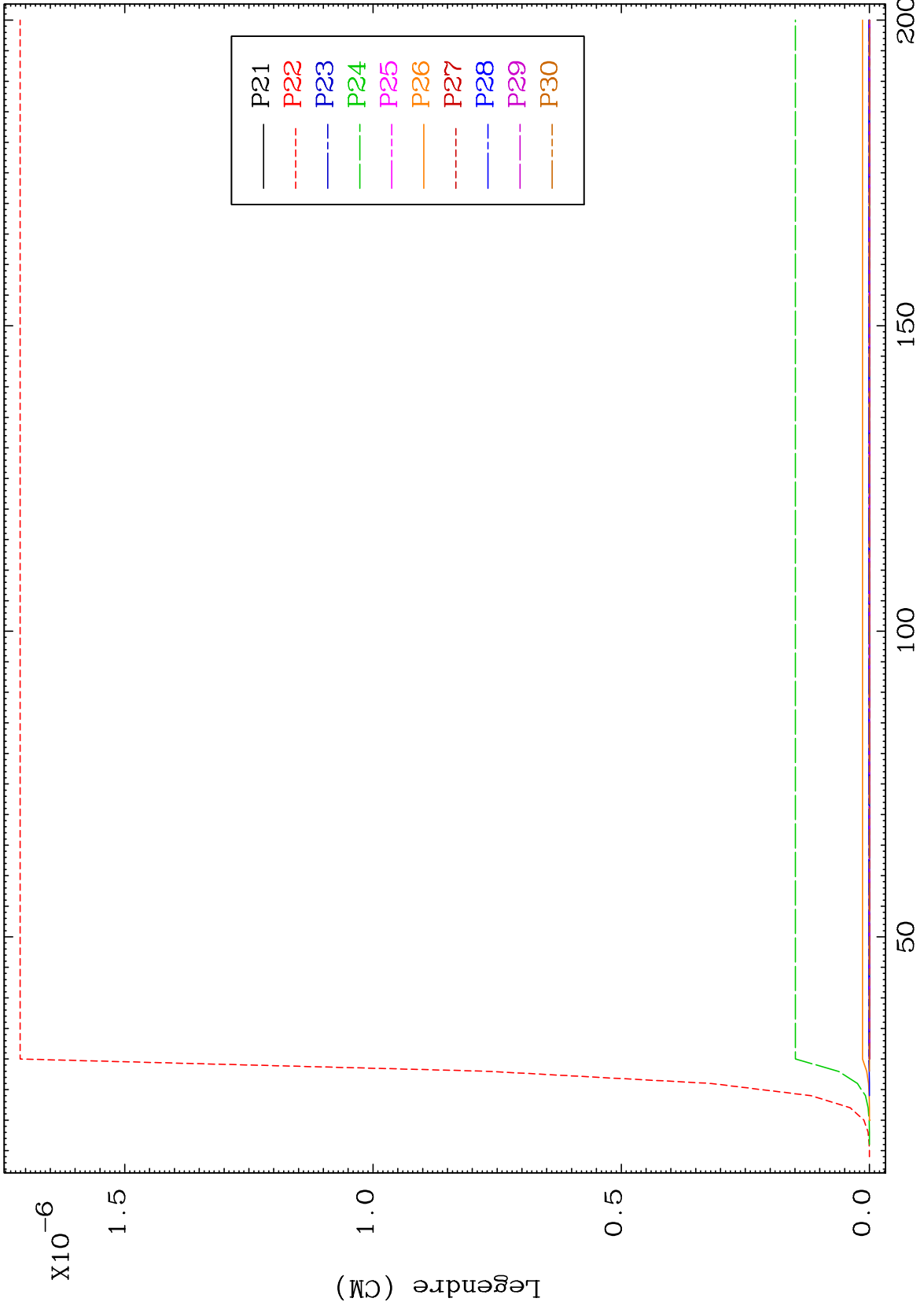


86

Incident Energy (MeV)

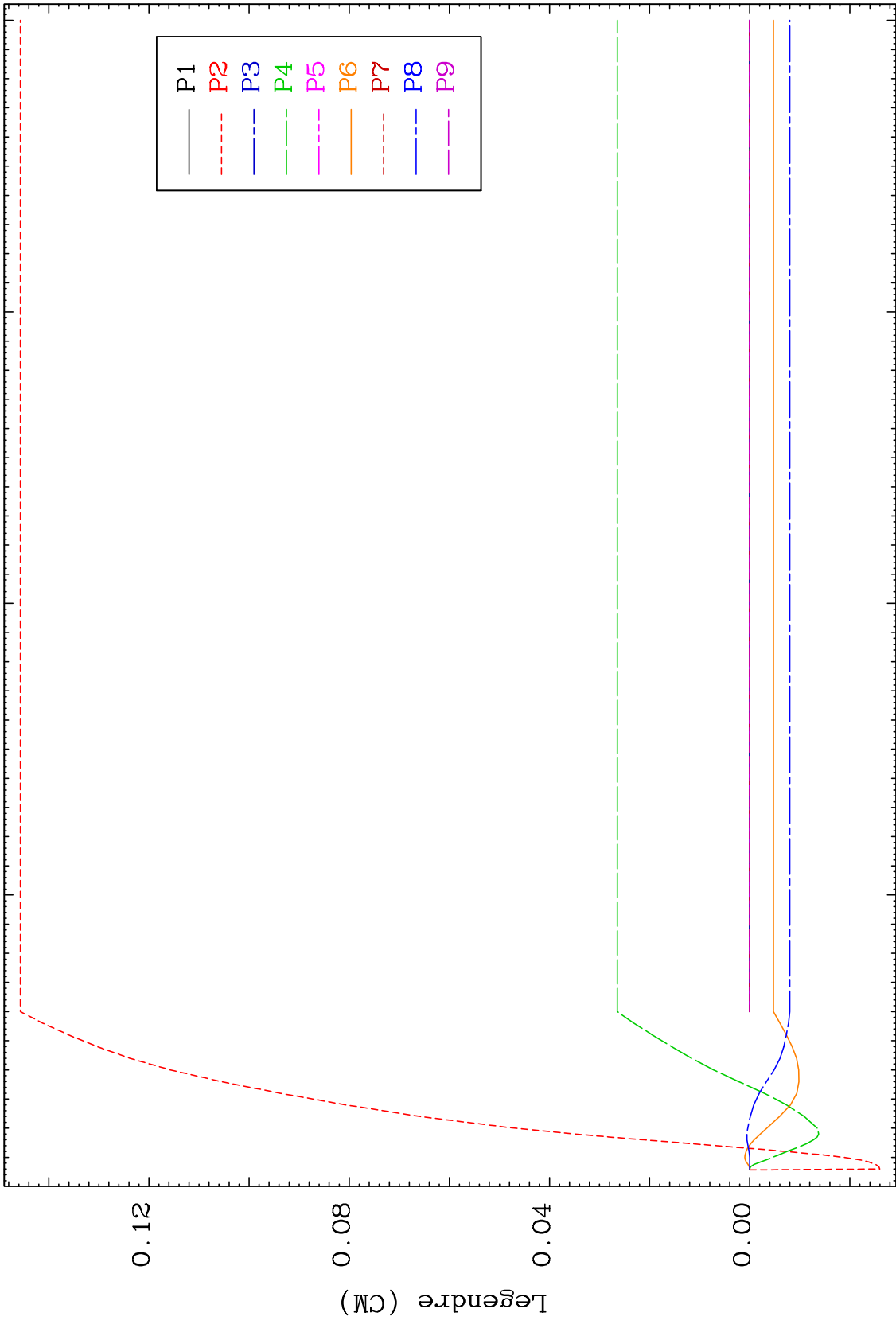
42-Mo-94

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



87 42-Mo-94

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

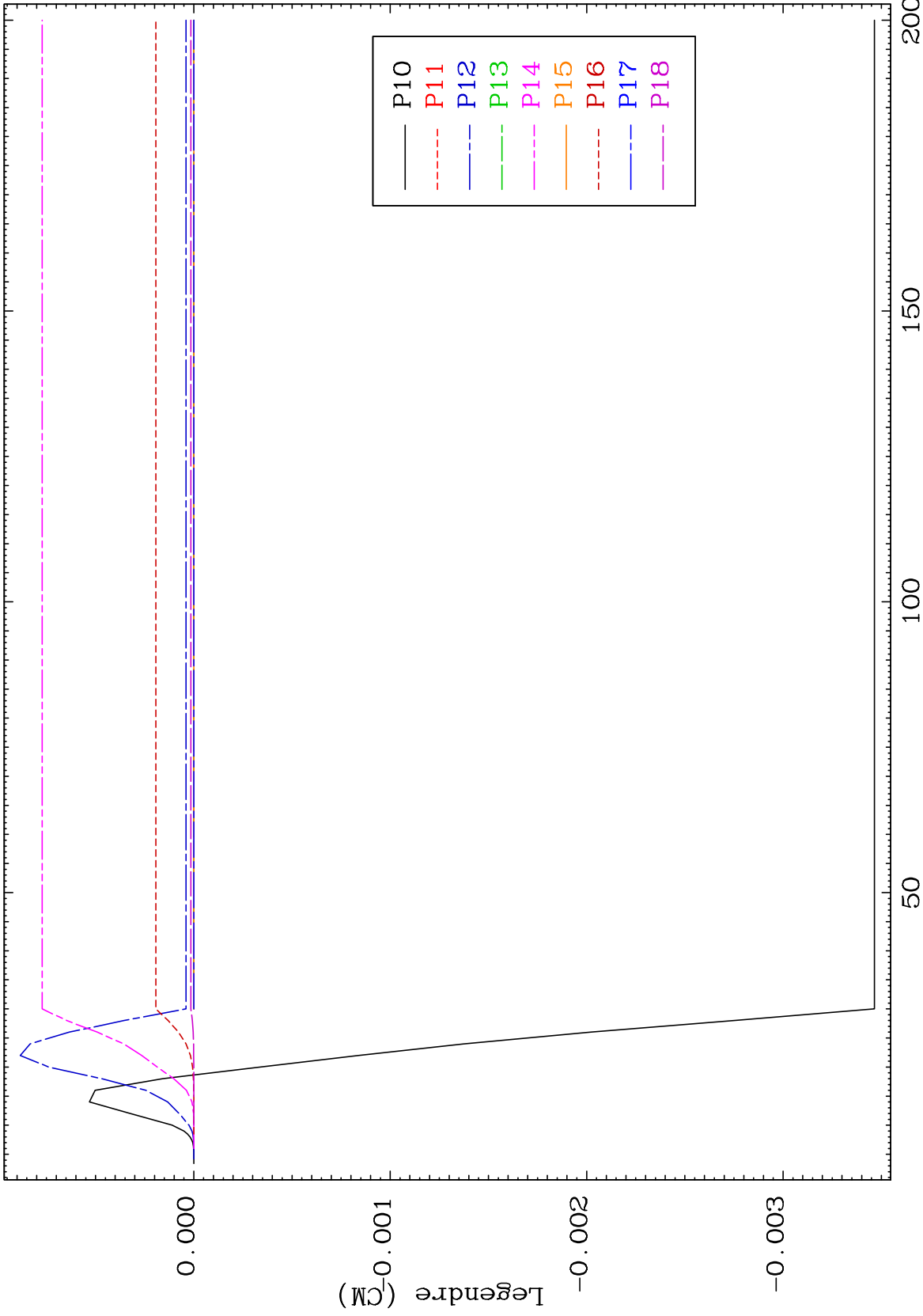


88 42-Mo-94

MAT 4231

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

42-Mo-94

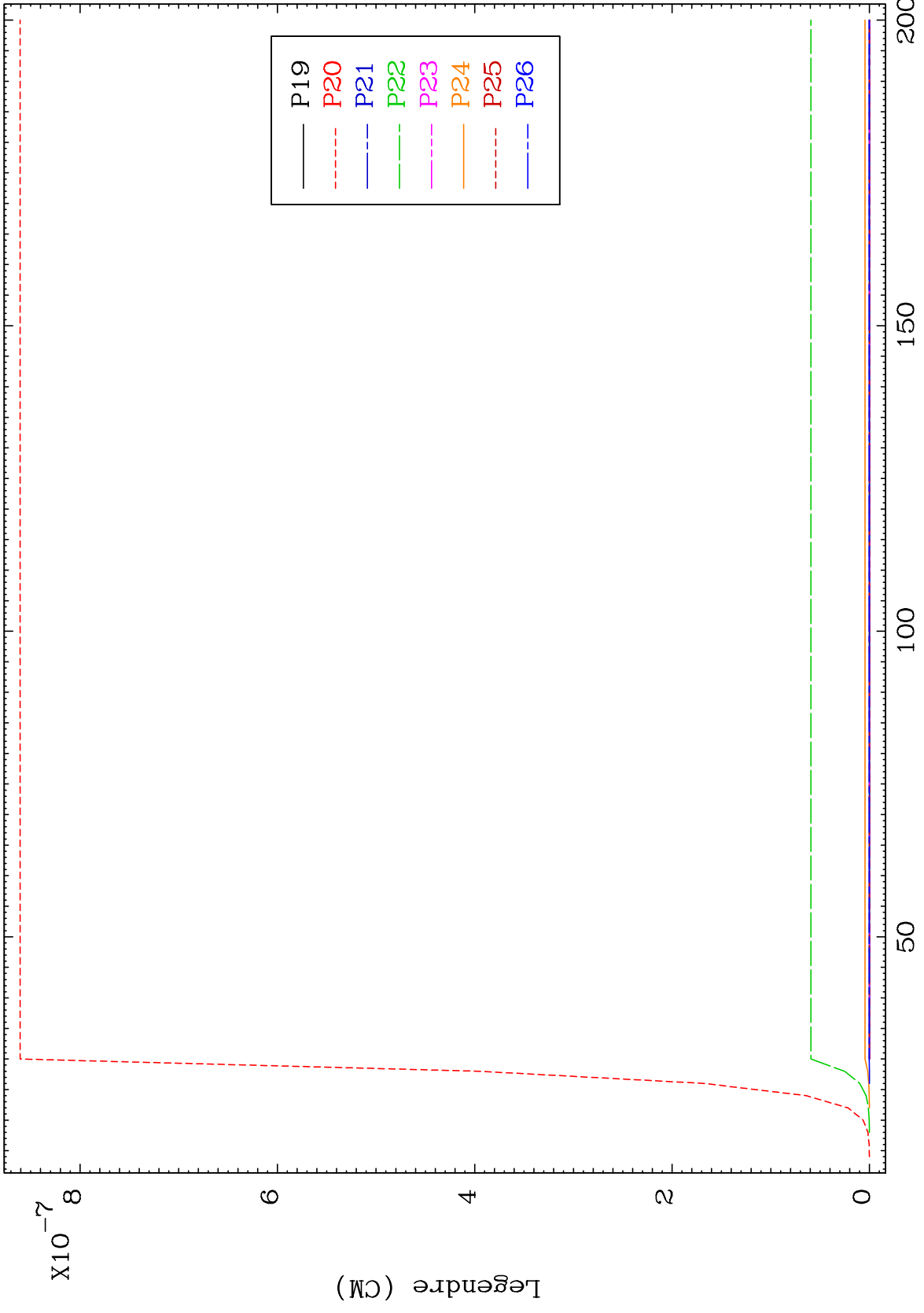


89

Incident Energy (MeV)

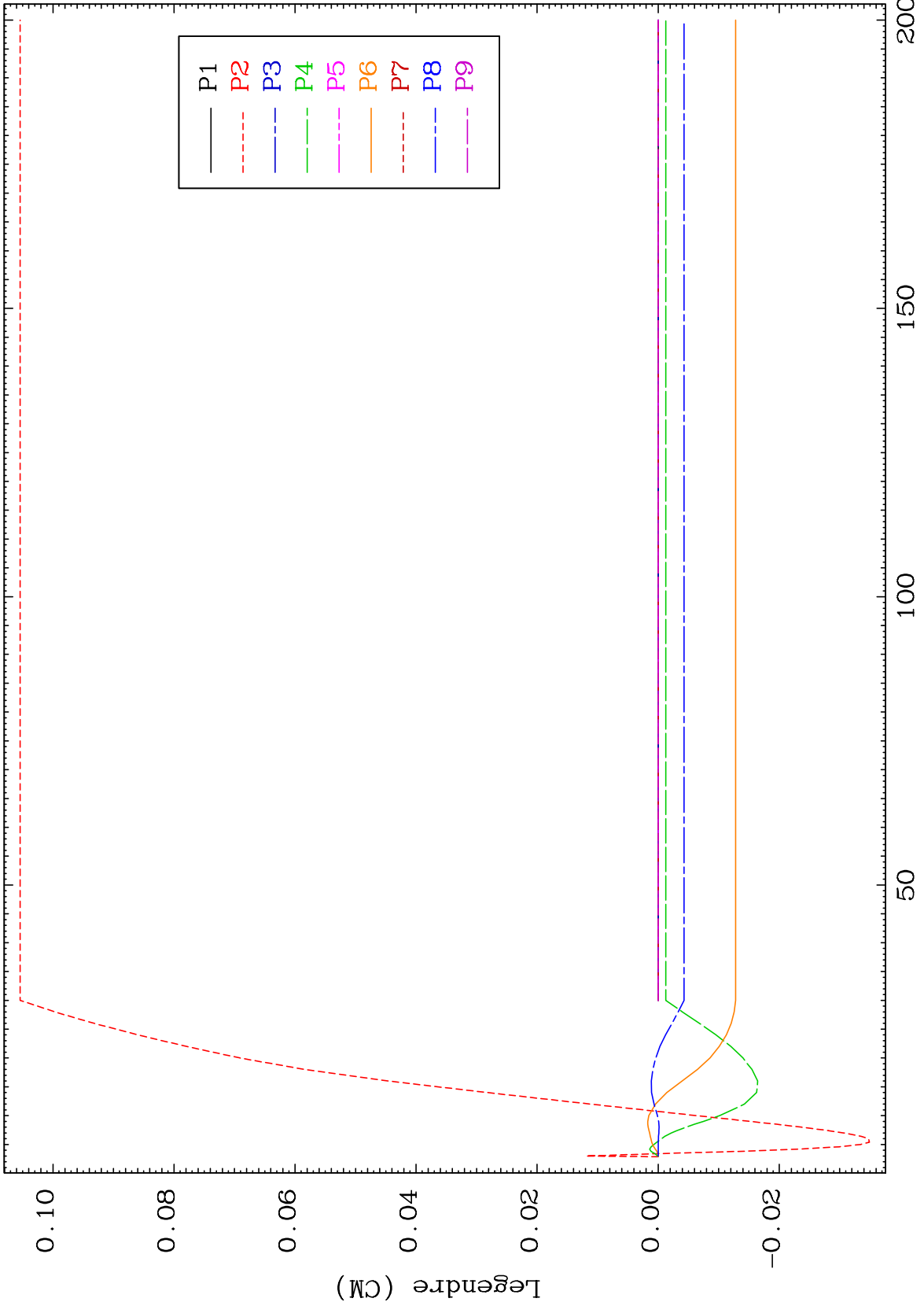
42-Mo-94

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



42-Mo-94

MAT 4231 MT= 70 (n,n') Level Legendre Coefficients 42-Mo-94

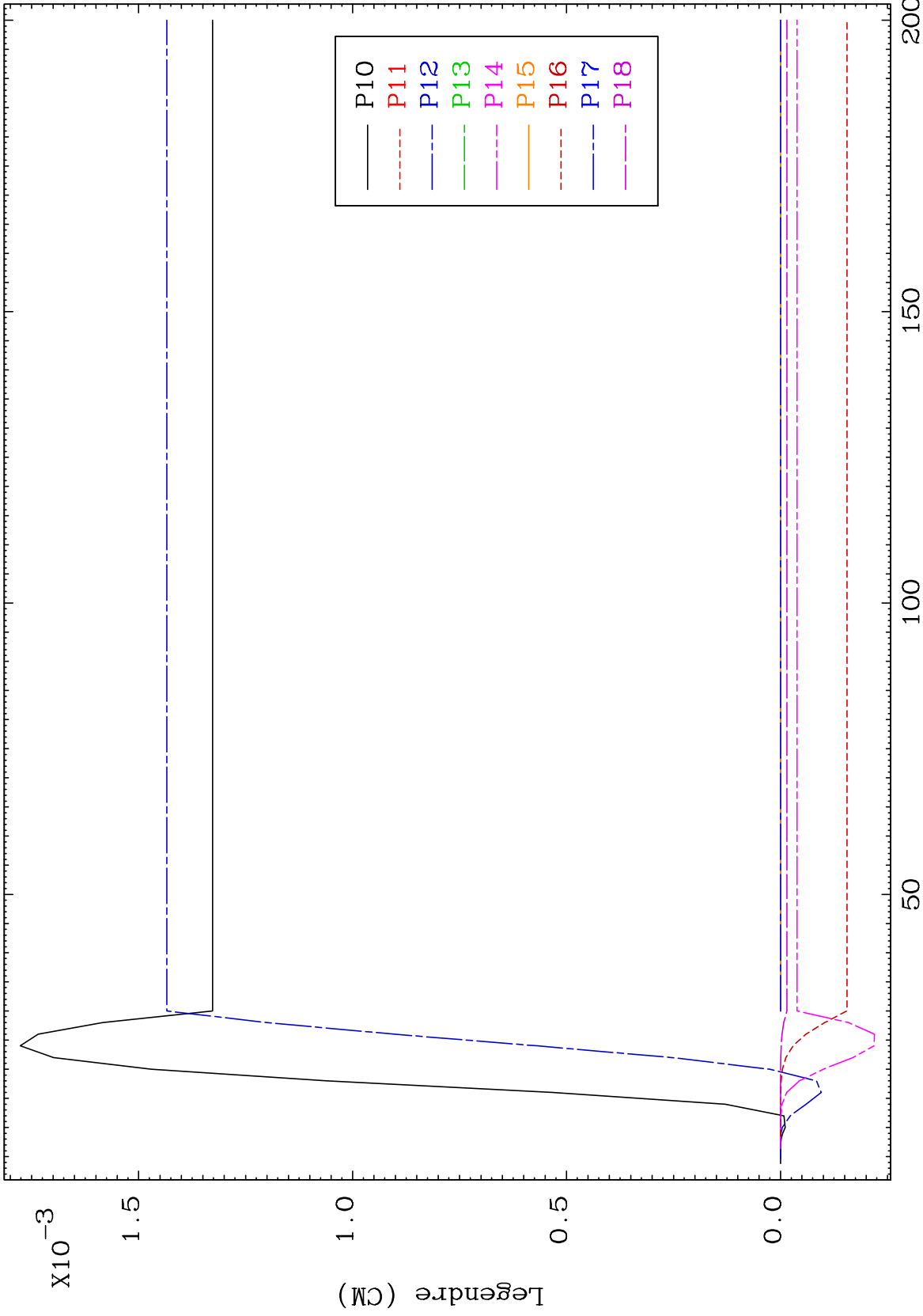


91 42-Mo-94

MAT 4231

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

42-Mo-94



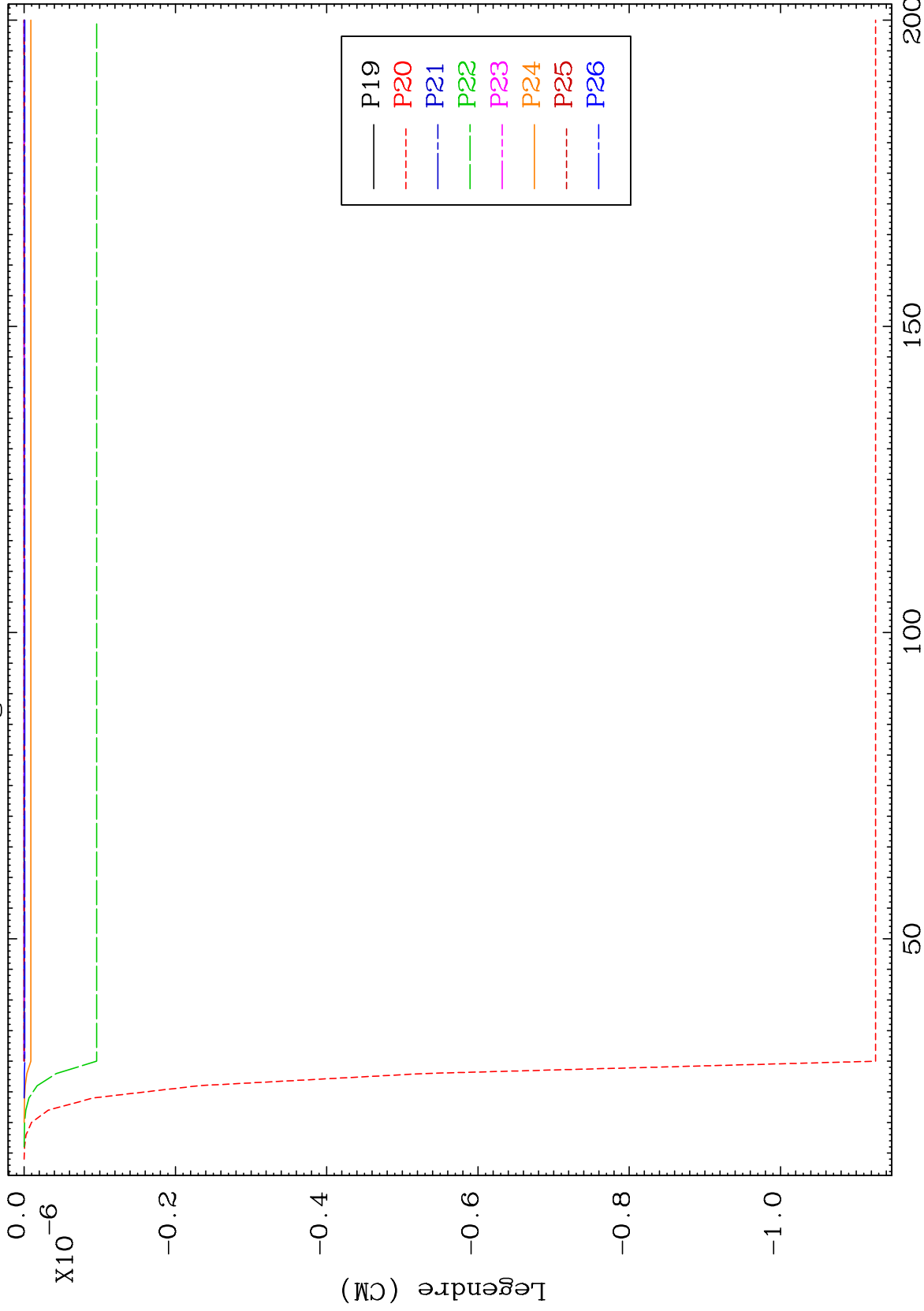
92

42-Mo-94

MAT 4231

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

42-Mo-94



42-Mo-94

Incident Energy (MeV)

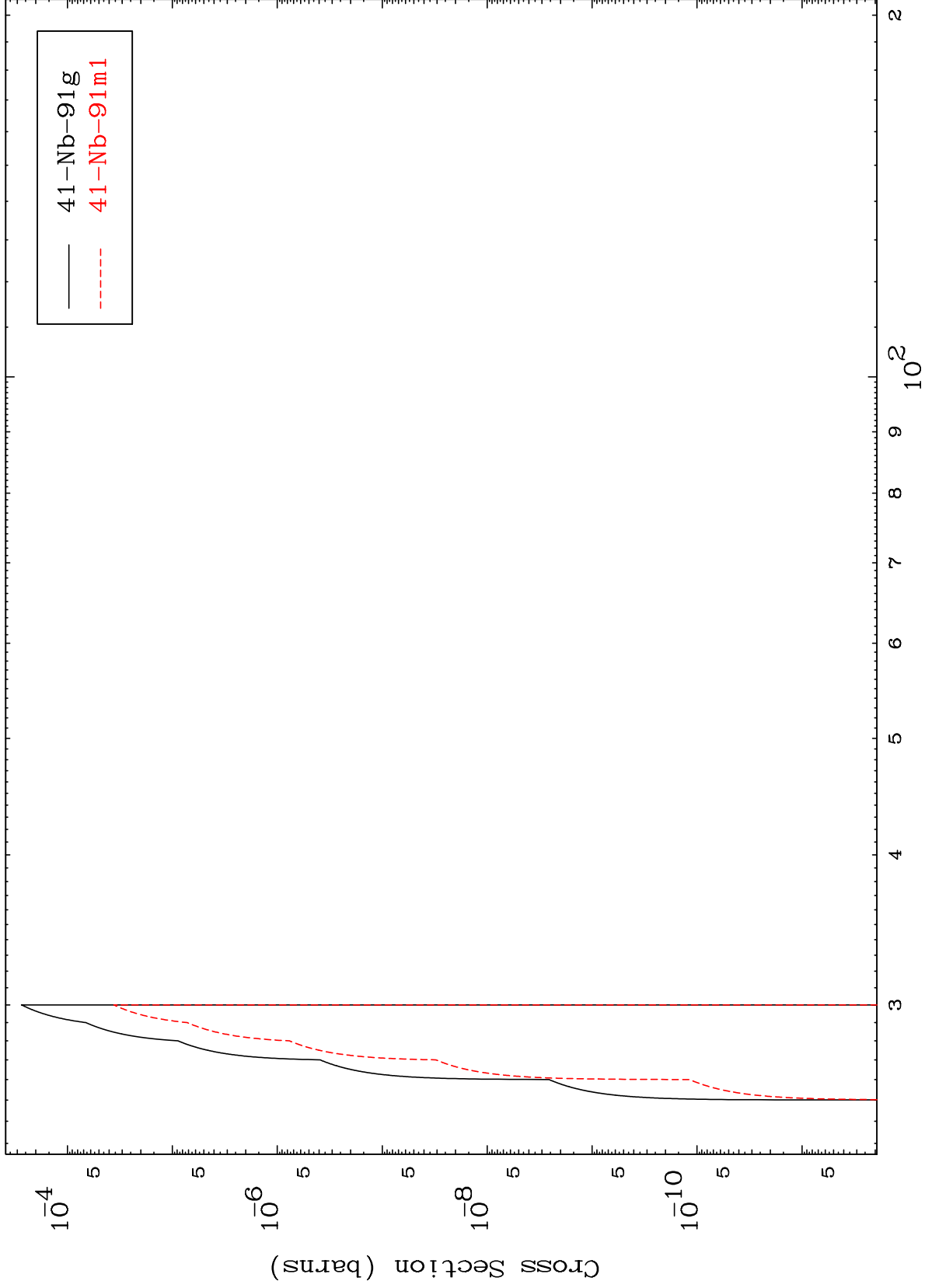
93

MAT 4231

(n,2n) d

42-Mo-94

Radionuclide Production Cross Section



94

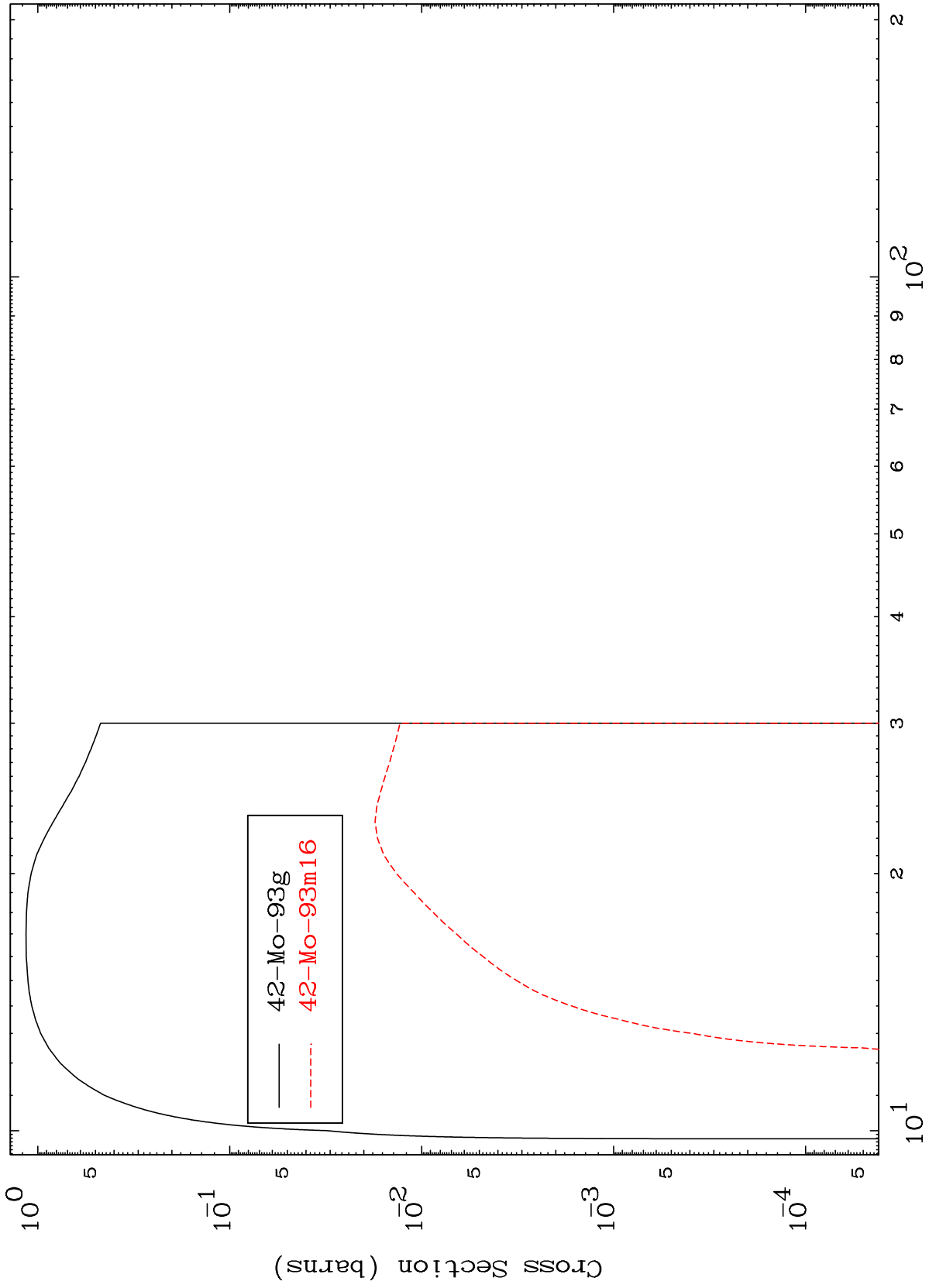
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

Radionuclide Production Cross Section
(n,2n)



95

Incident Energy (MeV)

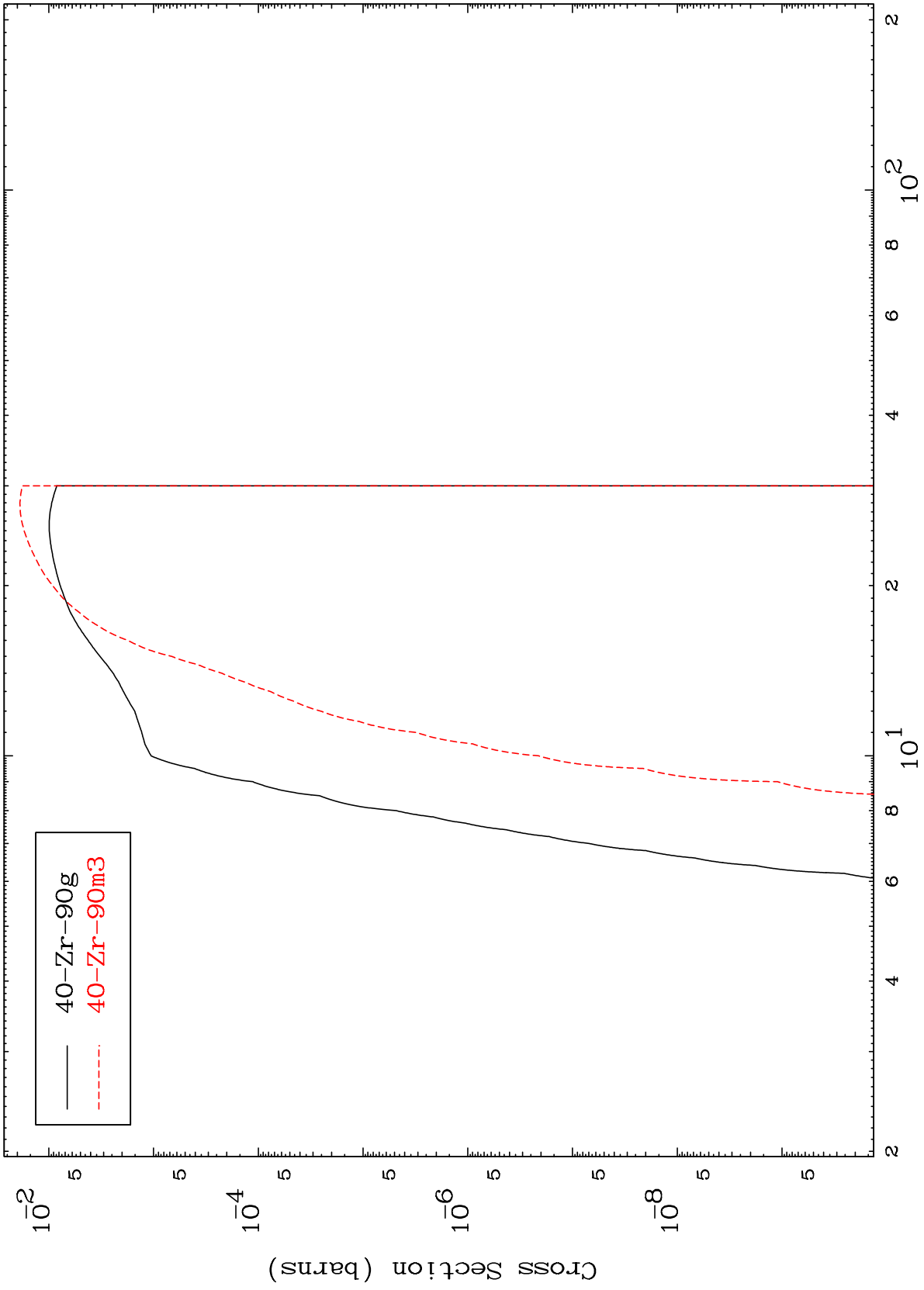
42-Mo-94

MAT 4231

(n,n') α

42-Mo-94

Radionuclide Production Cross Section

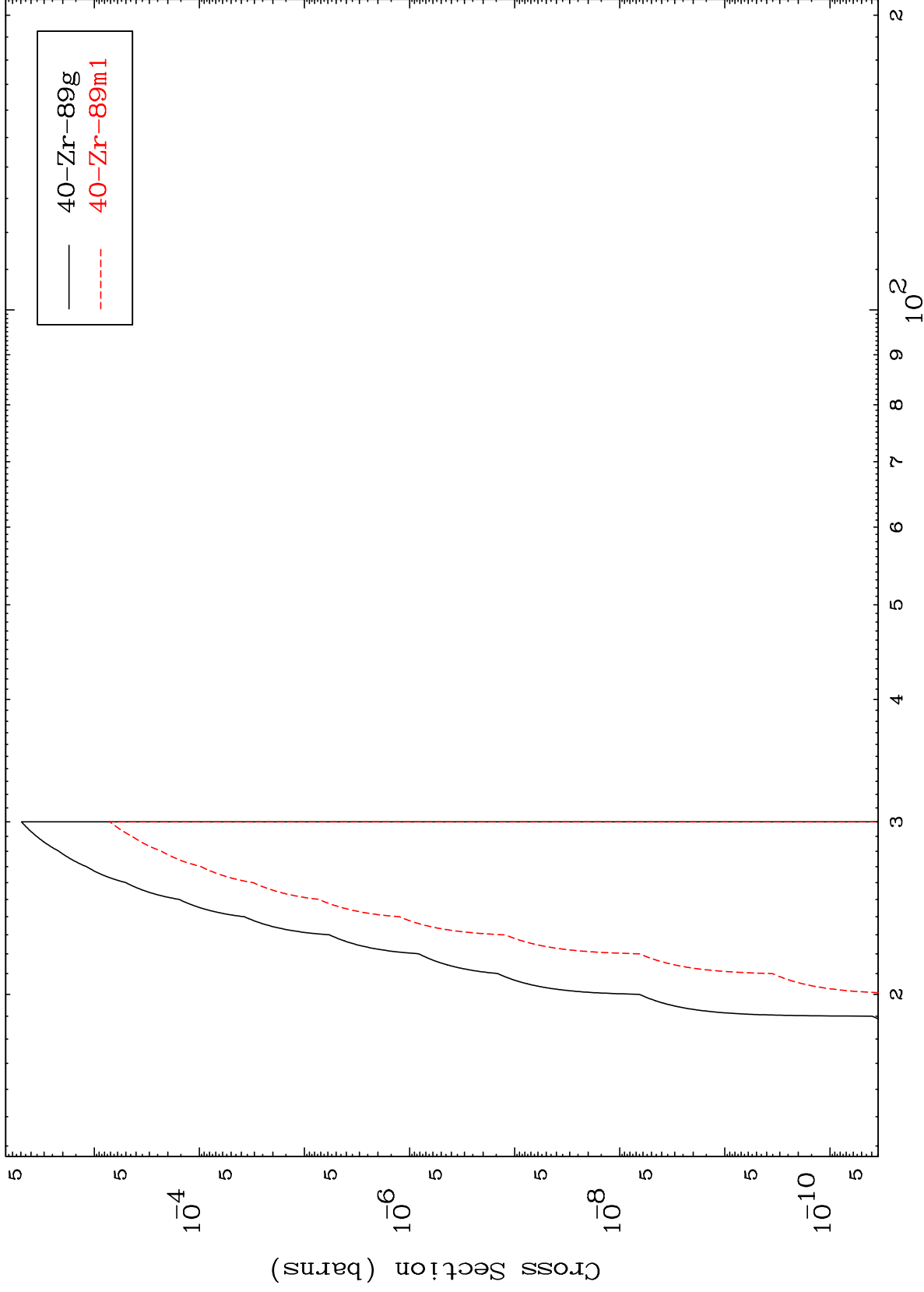


MAT 4231

(n,2n) α

42-Mo-94

Radionuclide Production Cross Section



97

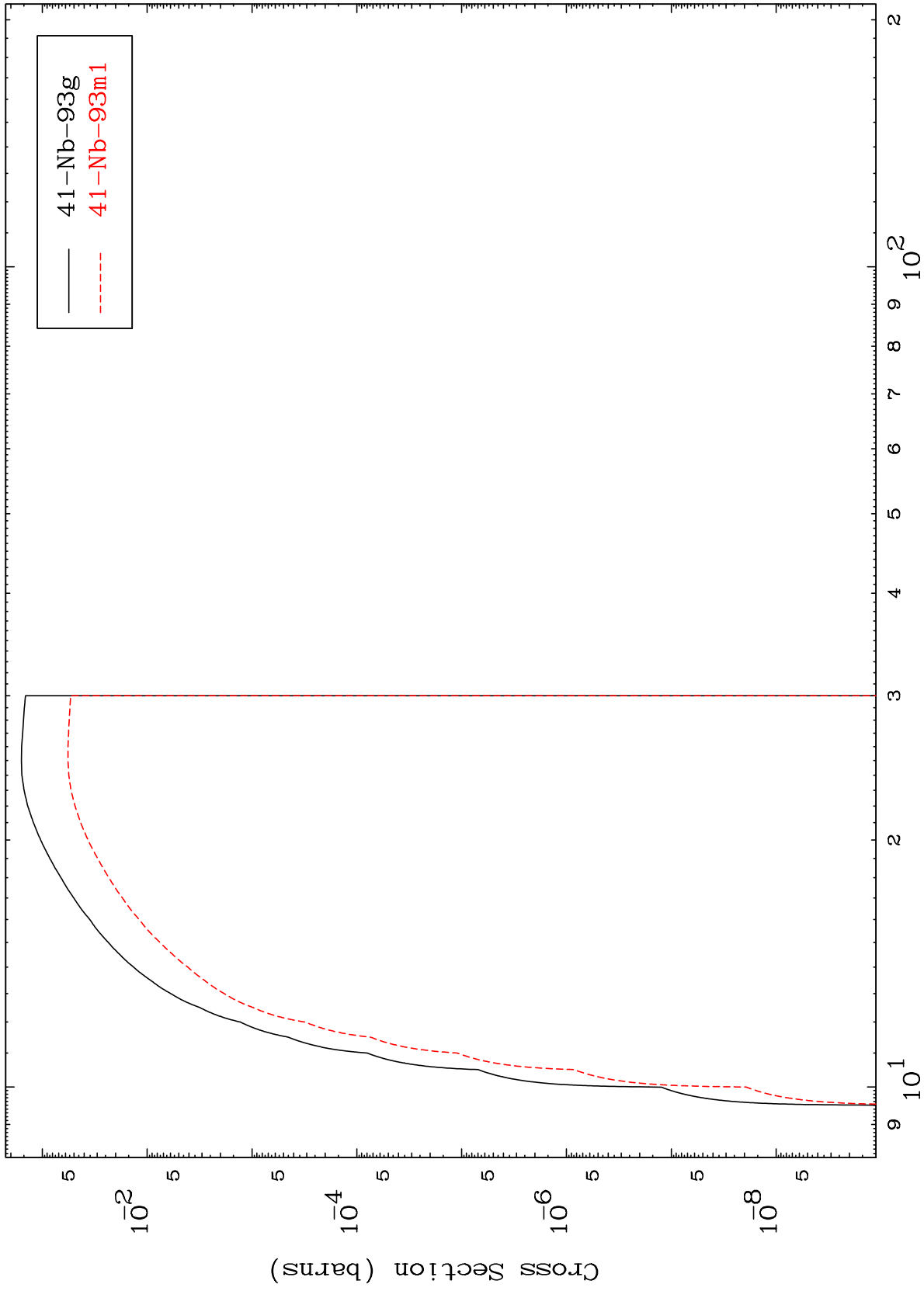
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,n') p
Radionuclide Production Cross Section



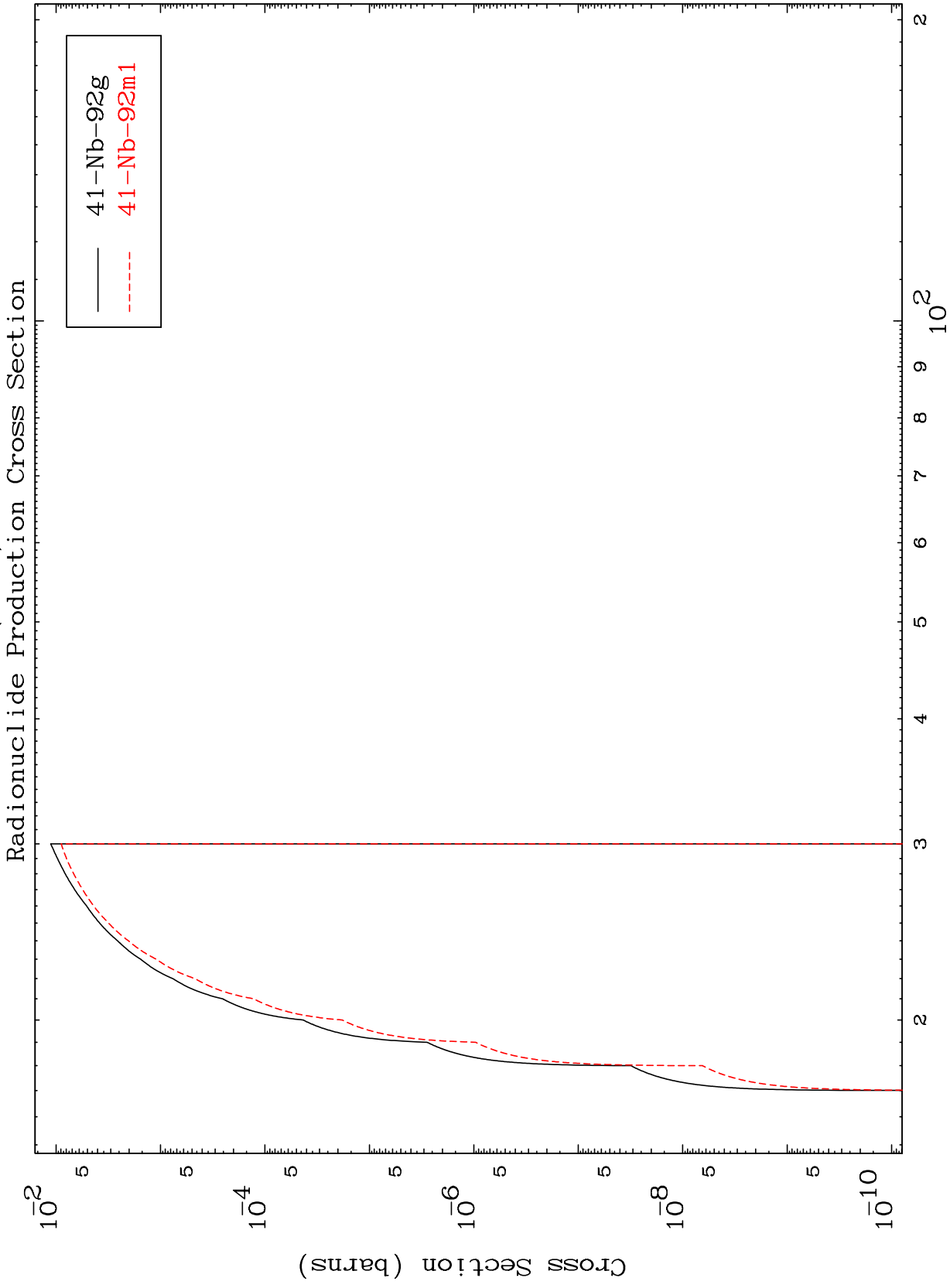
98

42-Mo-94

MAT 4231

(n,n') d

42-Mo-94



99

Incident Energy (MeV)

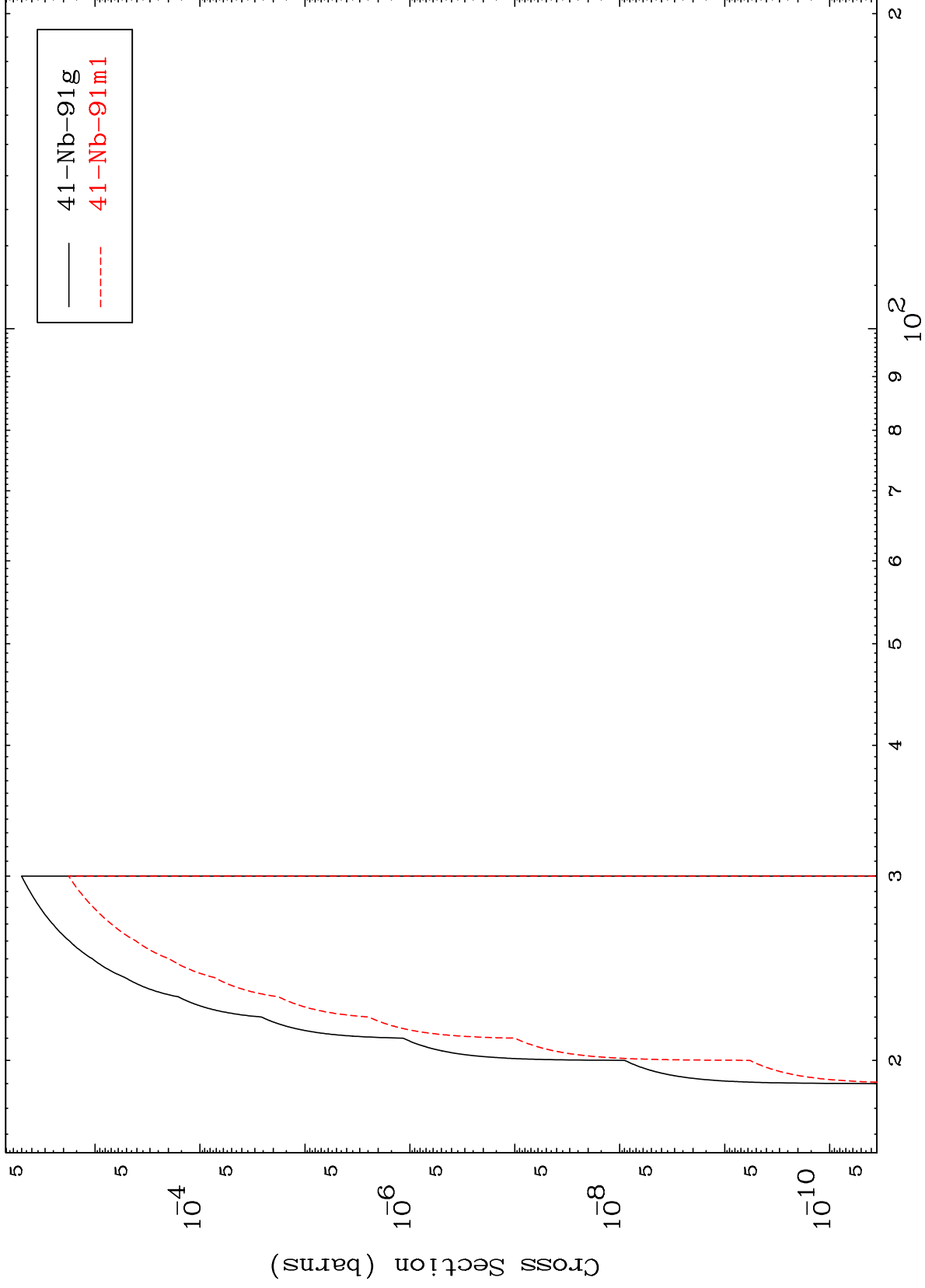
42-Mo-94

MAT 4231

(n,n') t

42-Mo-94

Radionuclide Production Cross Section



100

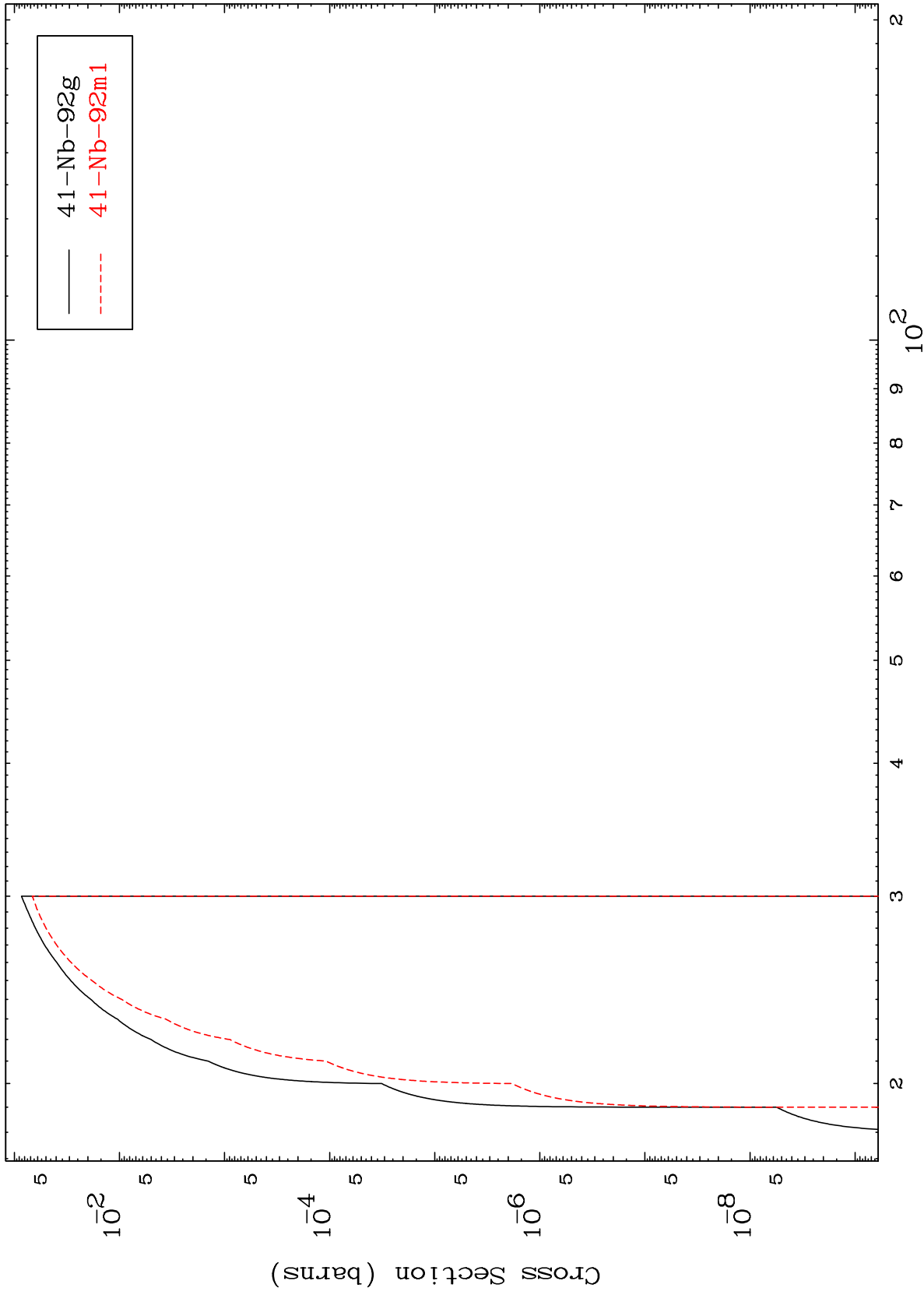
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,2n) p
Radionuclide Production Cross Section



101

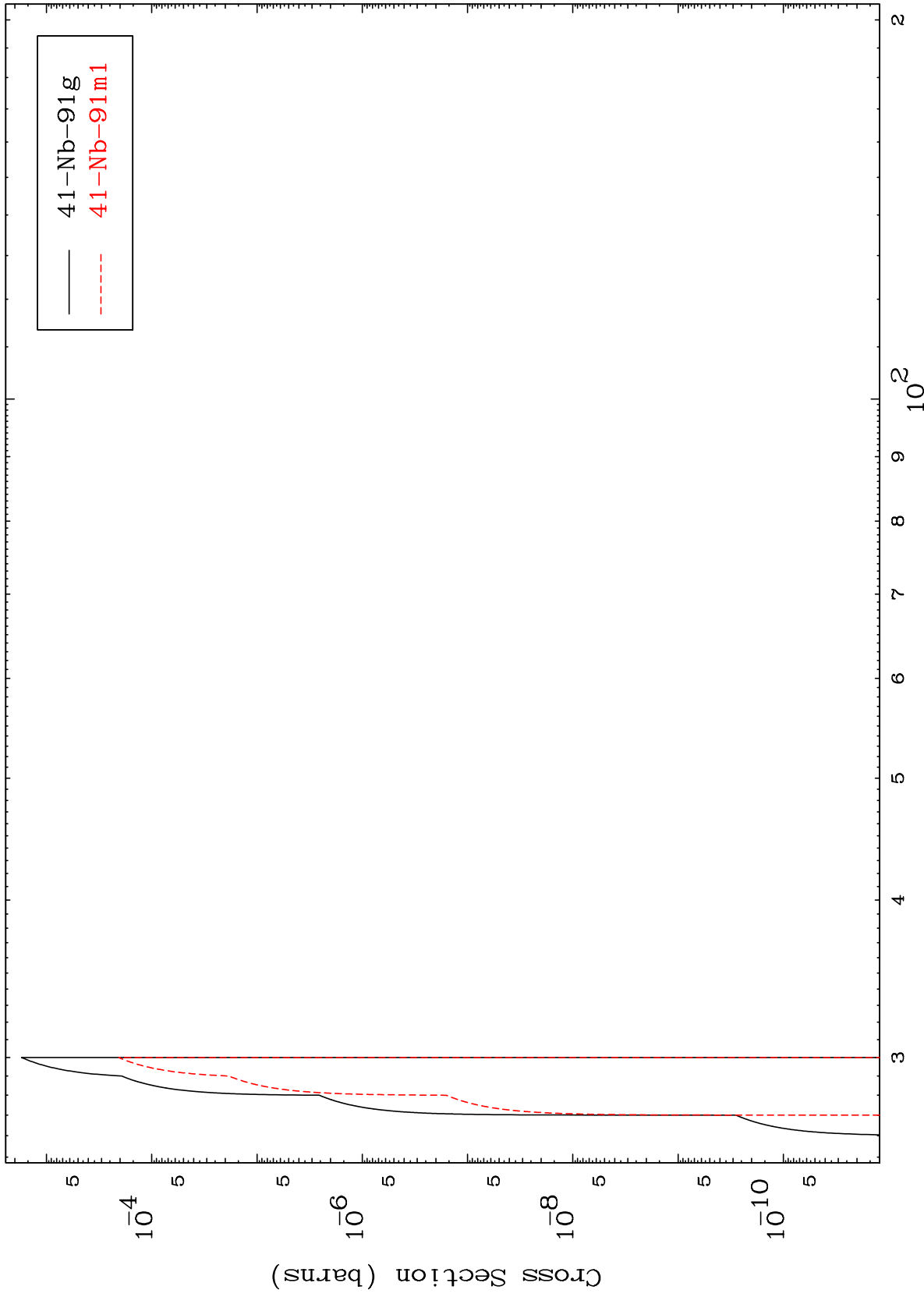
42-Mo-94

MAT 4231

(n,3n) p

42-Mo-94

Radionuclide Production Cross Section



102

Incident Energy (MeV)

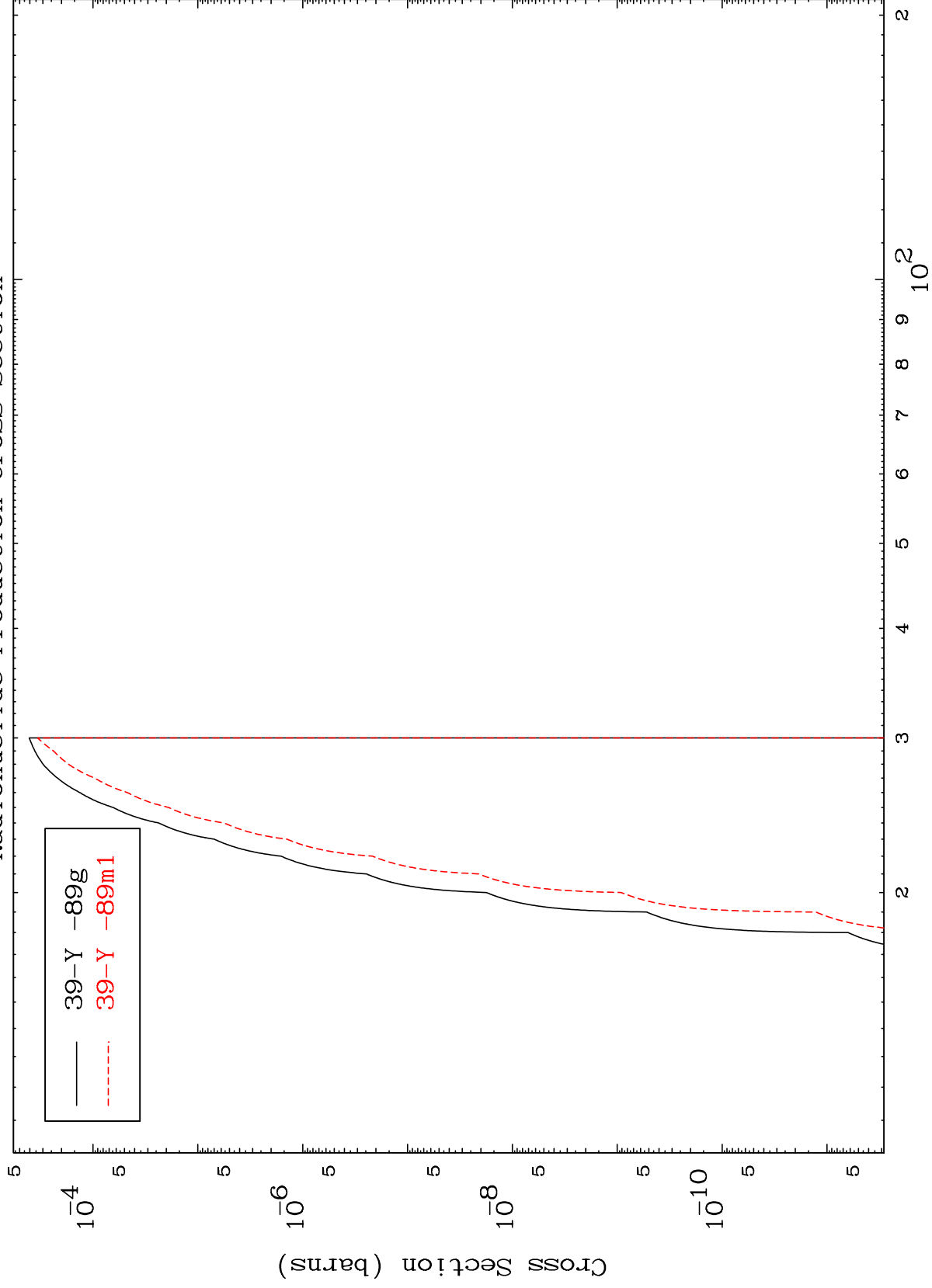
42-Mo-94

MAT 4231

(n,n') p α

42-Mo-94

Radionuclide Production Cross Section



103

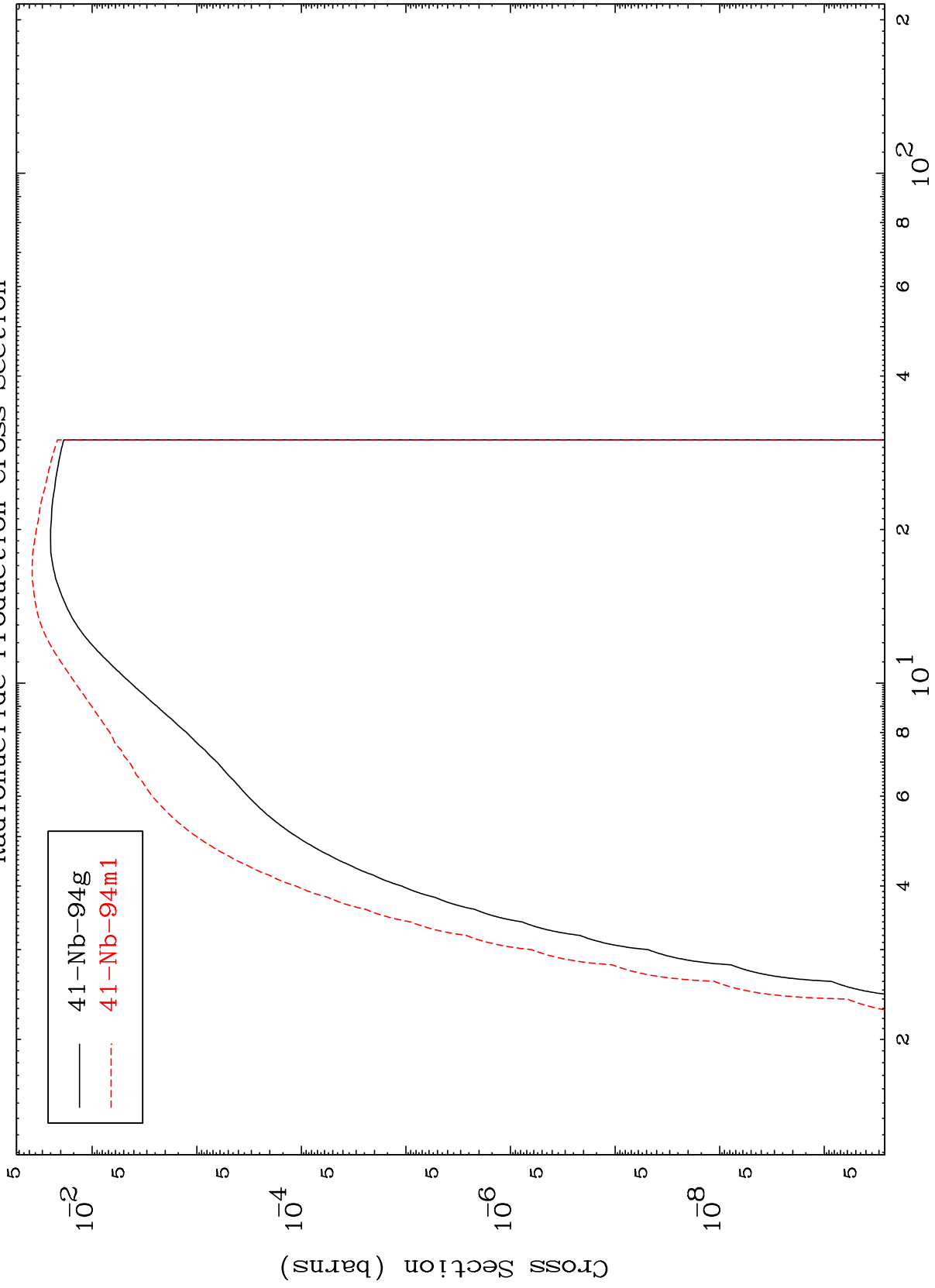
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n,p)
Radionuclide Production Cross Section



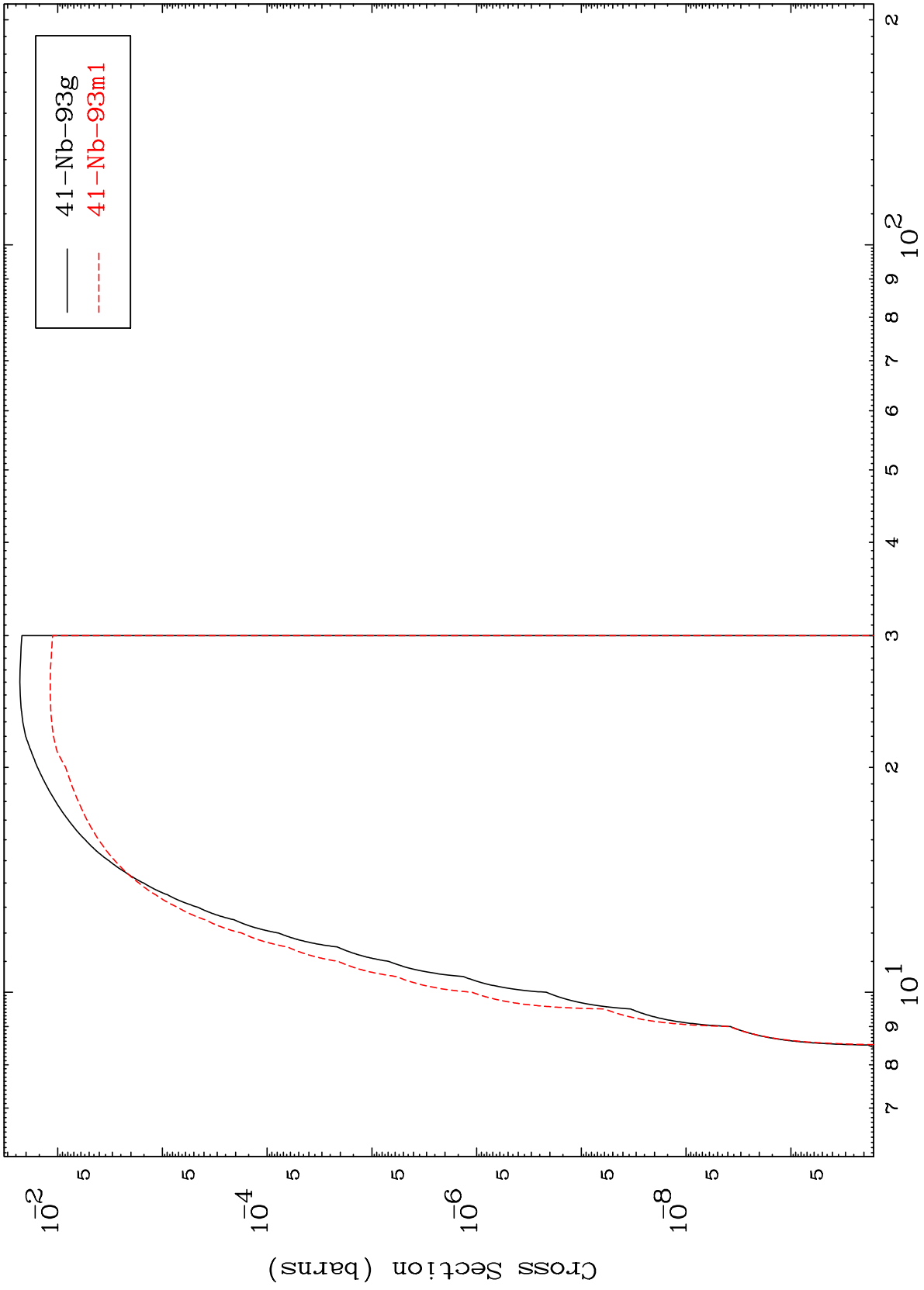
104

42-Mo-94

MAT 4231

42-Mo-94

(n,d)
Radionuclide Production Cross Section



105

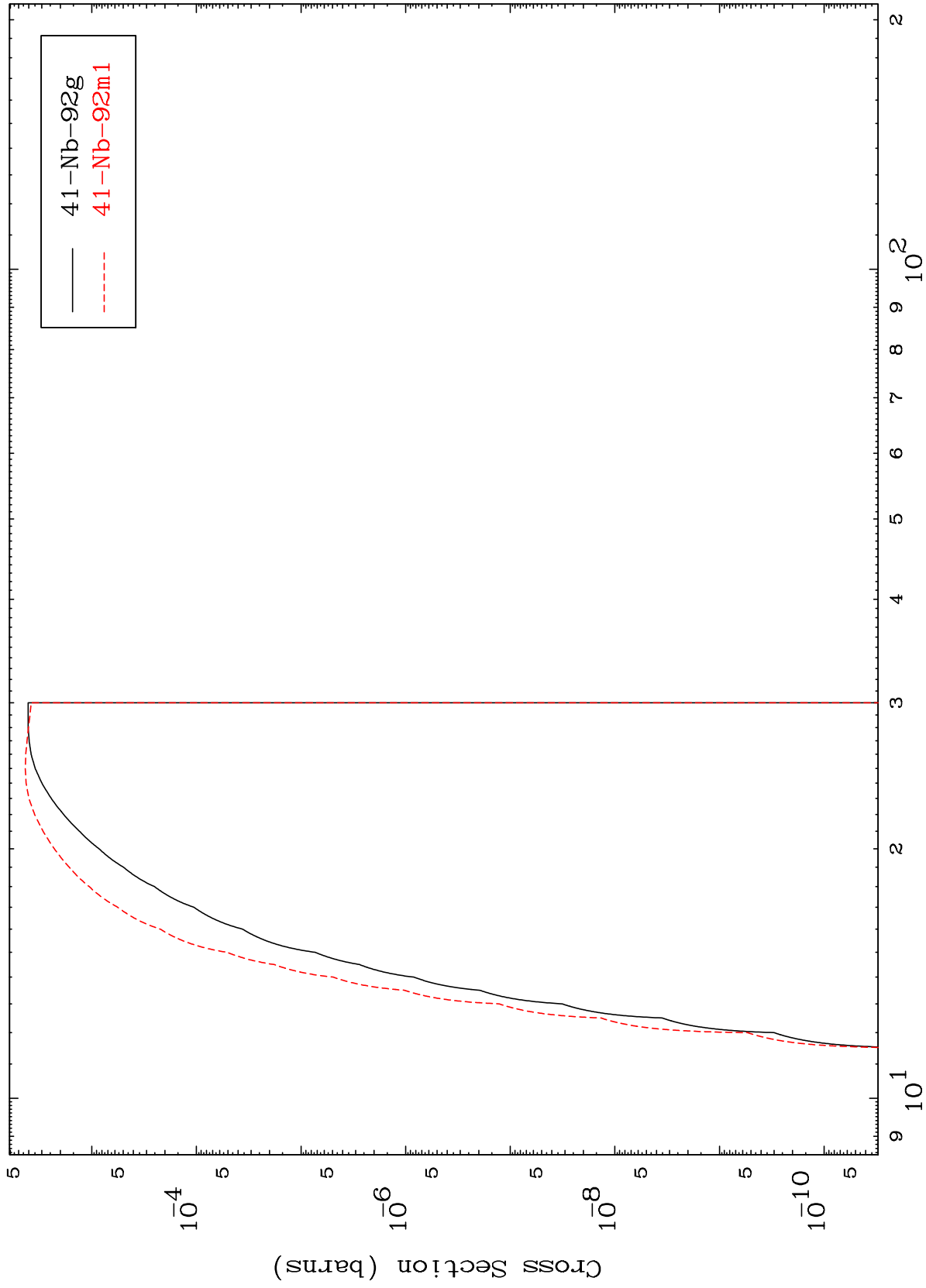
Incident Energy (MeV)

42-Mo-94

MAT 4231

42-Mo-94

(n, t)
Radionuclide Production Cross Section



106

Incident Energy (MeV)

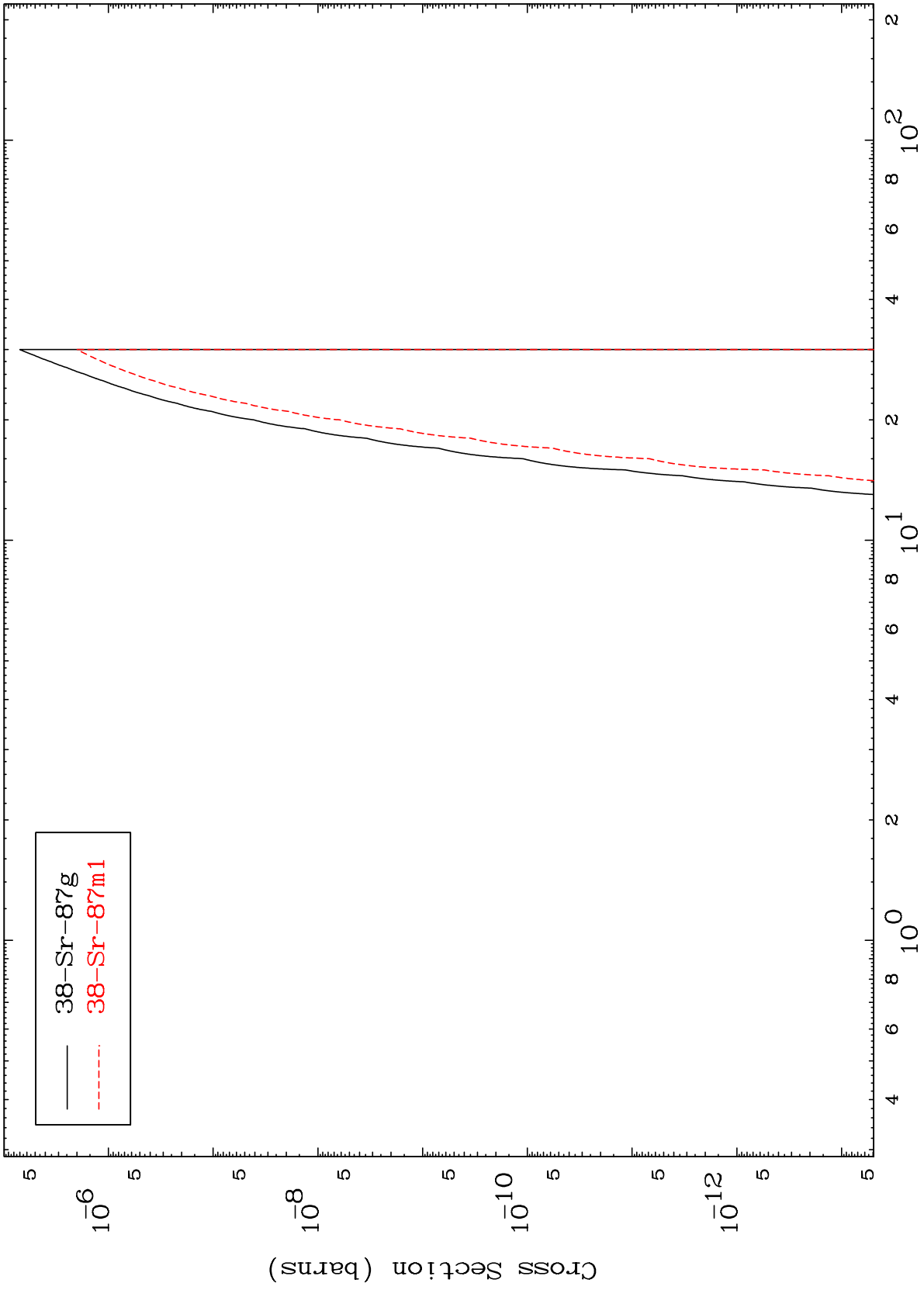
42-Mo-94

MAT 4231

(n,2α)

42-Mo-94

Radionuclide Production Cross Section



— 38-Sr-87g
- - - 38-Sr-87m1

107

Incident Energy (MeV)

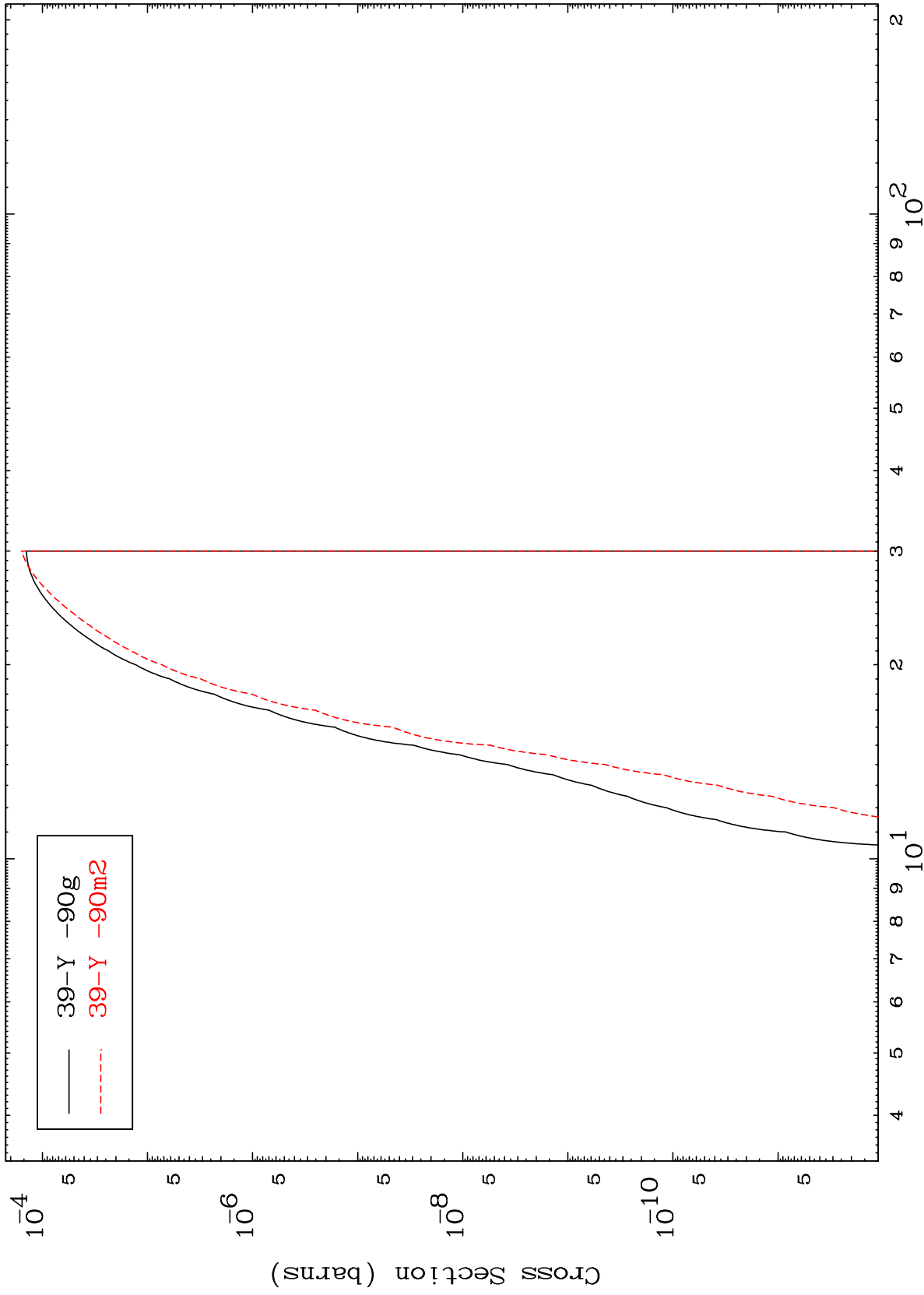
42-Mo-94

MAT 4231

(n,p) α

42-Mo-94

Radionuclide Production Cross Section



108

42-Mo-94

MAT 4231

(n,d) α

42-Mo-94

Radionuclide Production Cross Section

