

Program EVALPLOT
(Version 2018-1)

by

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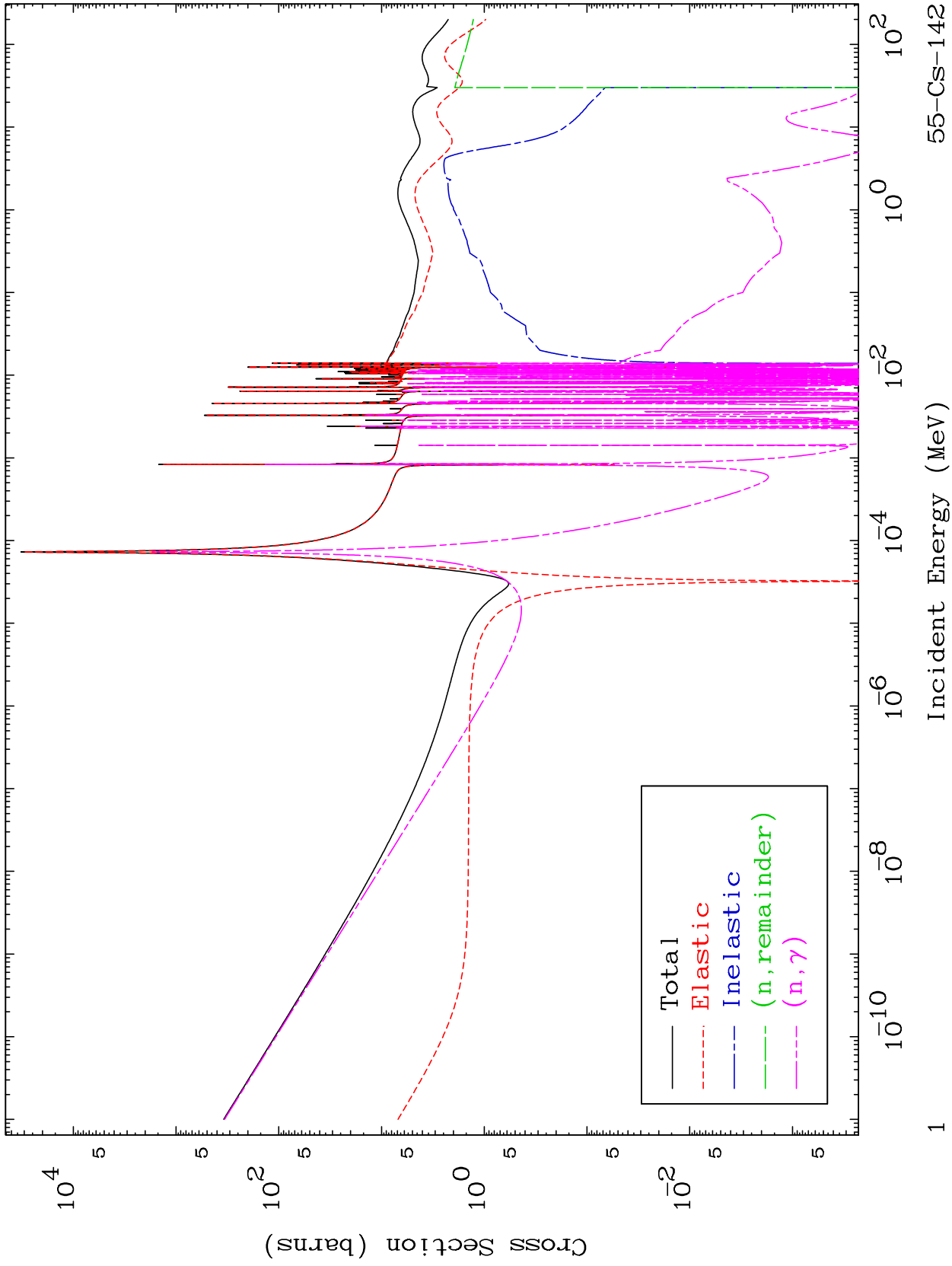
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5552

Major
293 Kelvin Cross Sections

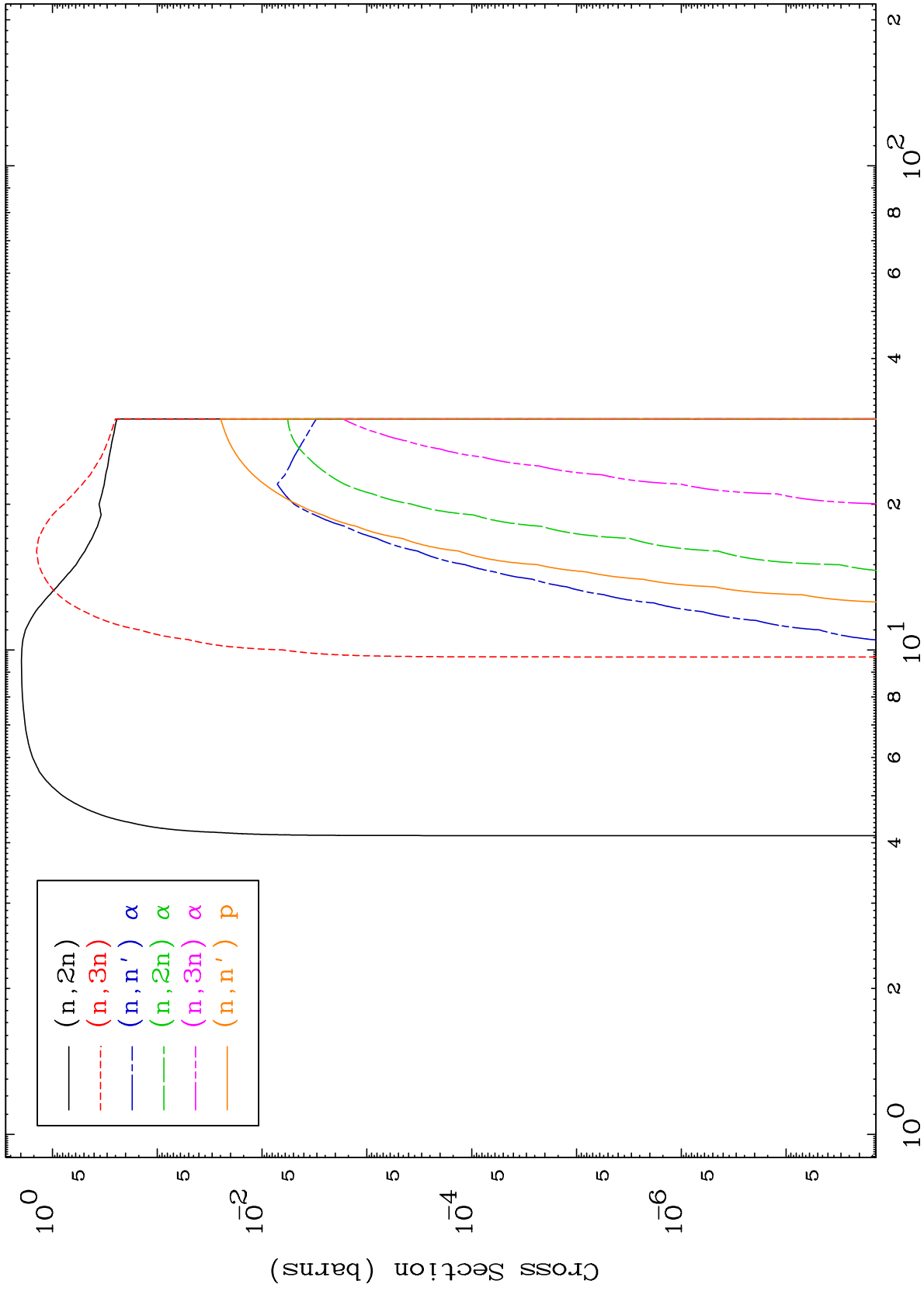
55-Cs-142



MAT 5552

Neutron Production 293 Kelvin Cross Sections

55-Cs-142



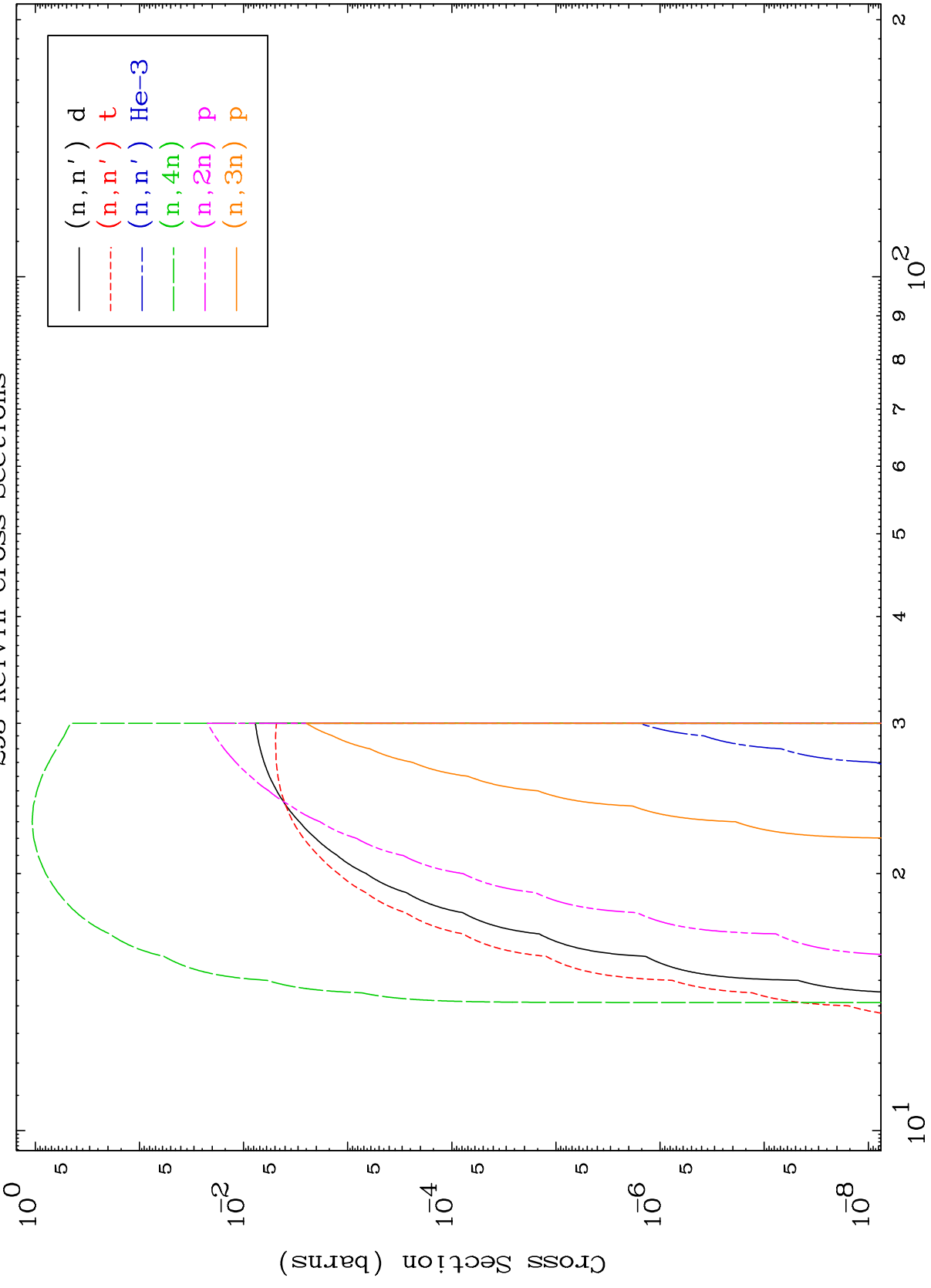
Incident Energy (MeV)

55-Cs-142

MAT 5552

Neutron Production 293 Kelvin Cross Sections

55-Cs-142



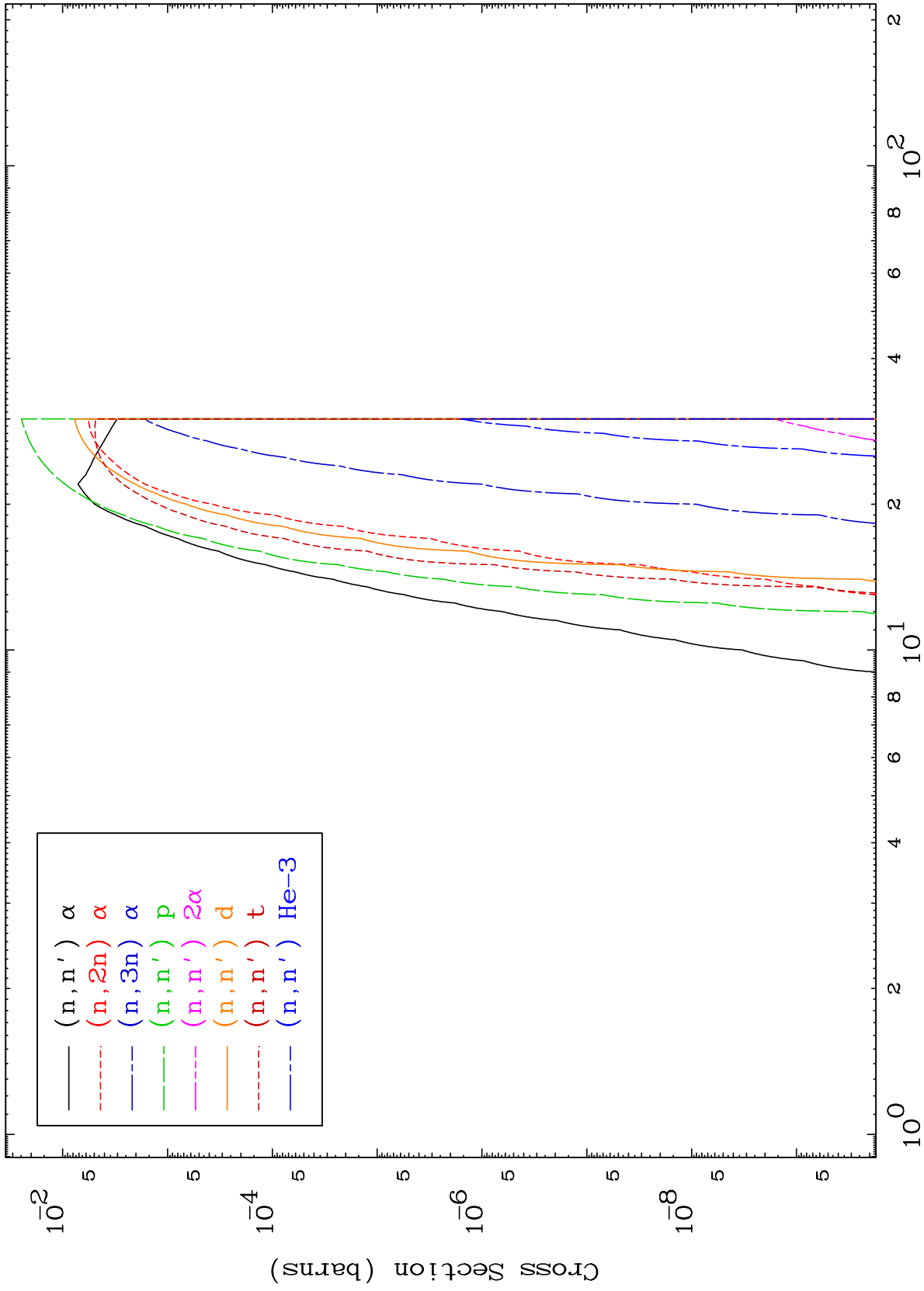
Incident Energy (MeV)

55-Cs-142

MAT 5552

293 Kelvin Cross Sections

55-Cs-142



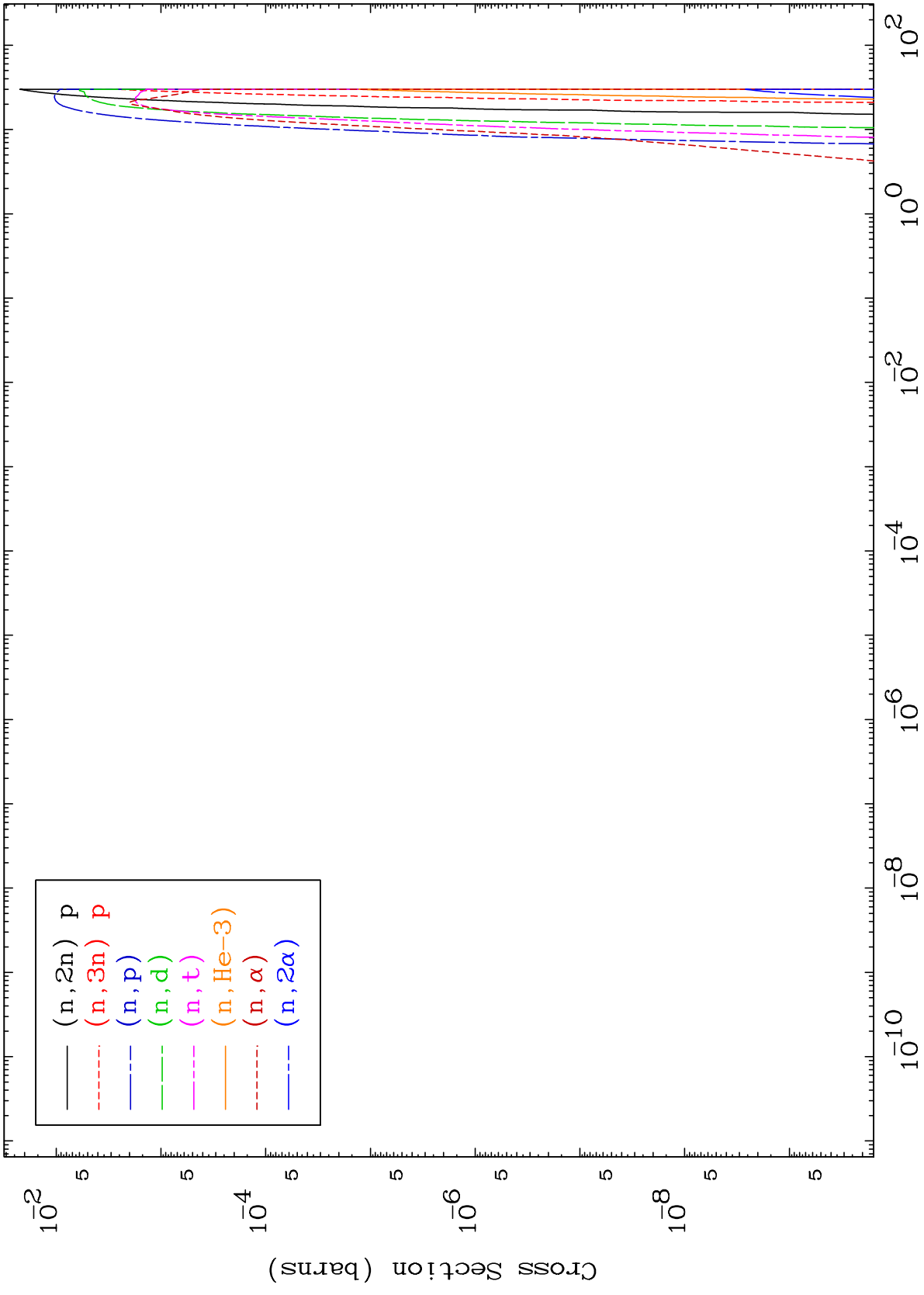
Incident Energy (MeV)

55-Cs-142

MAT 5552

293 Kelvin Cross Sections

55-Cs-142



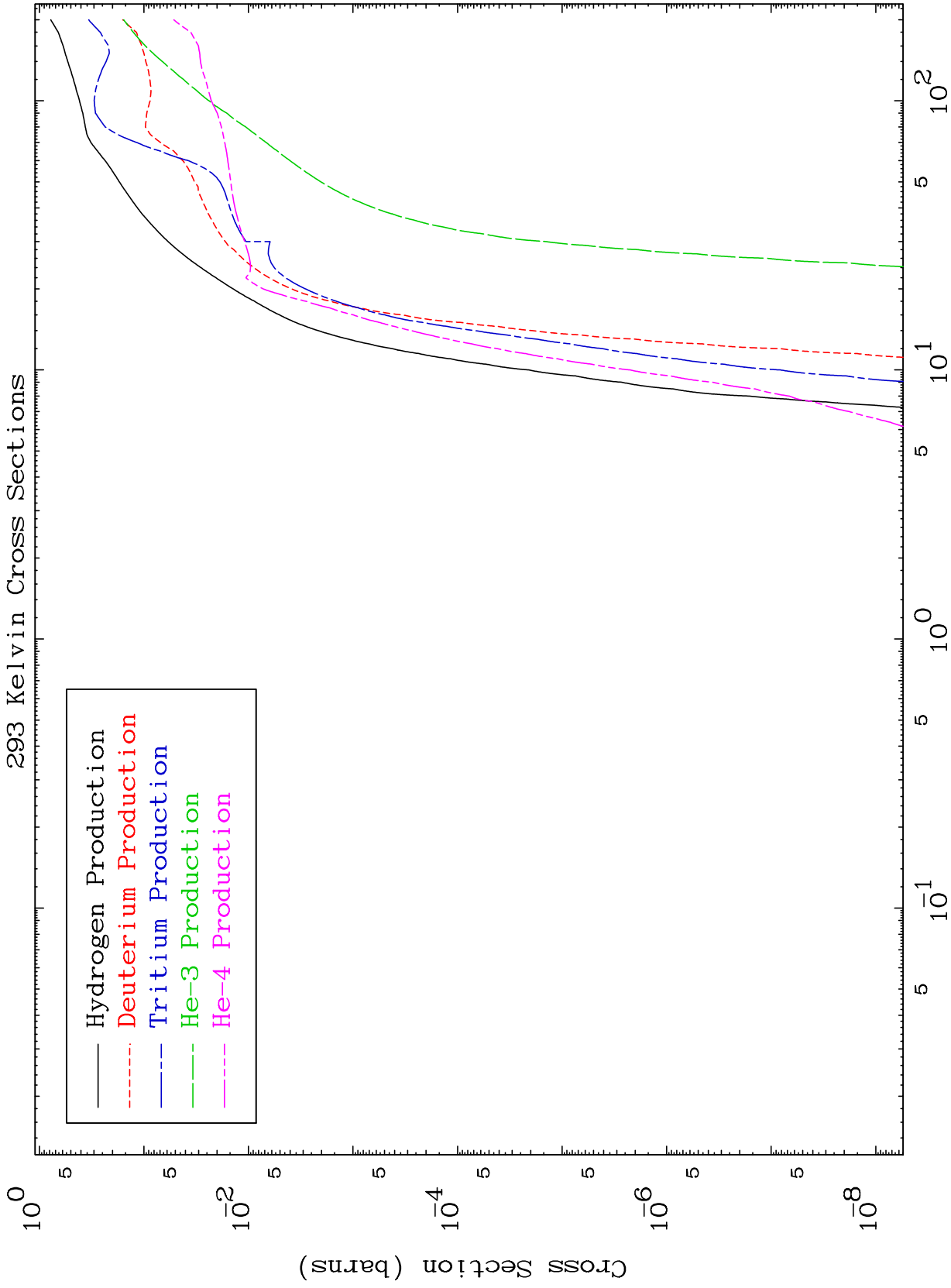
5

55-Cs-142

MAT 5552

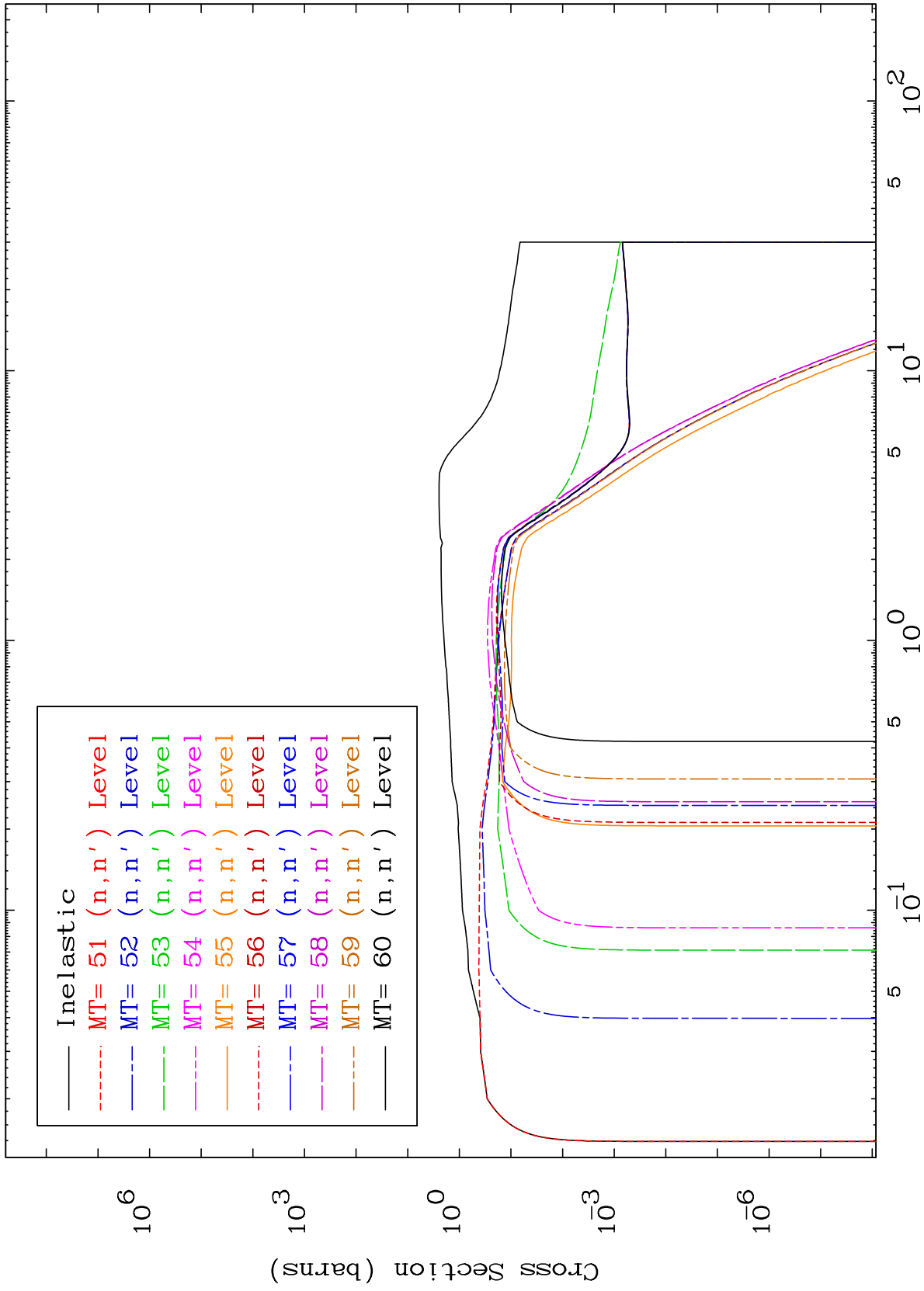
Particle Production
293 Kelvin Cross Sections

55-Cs-142



6

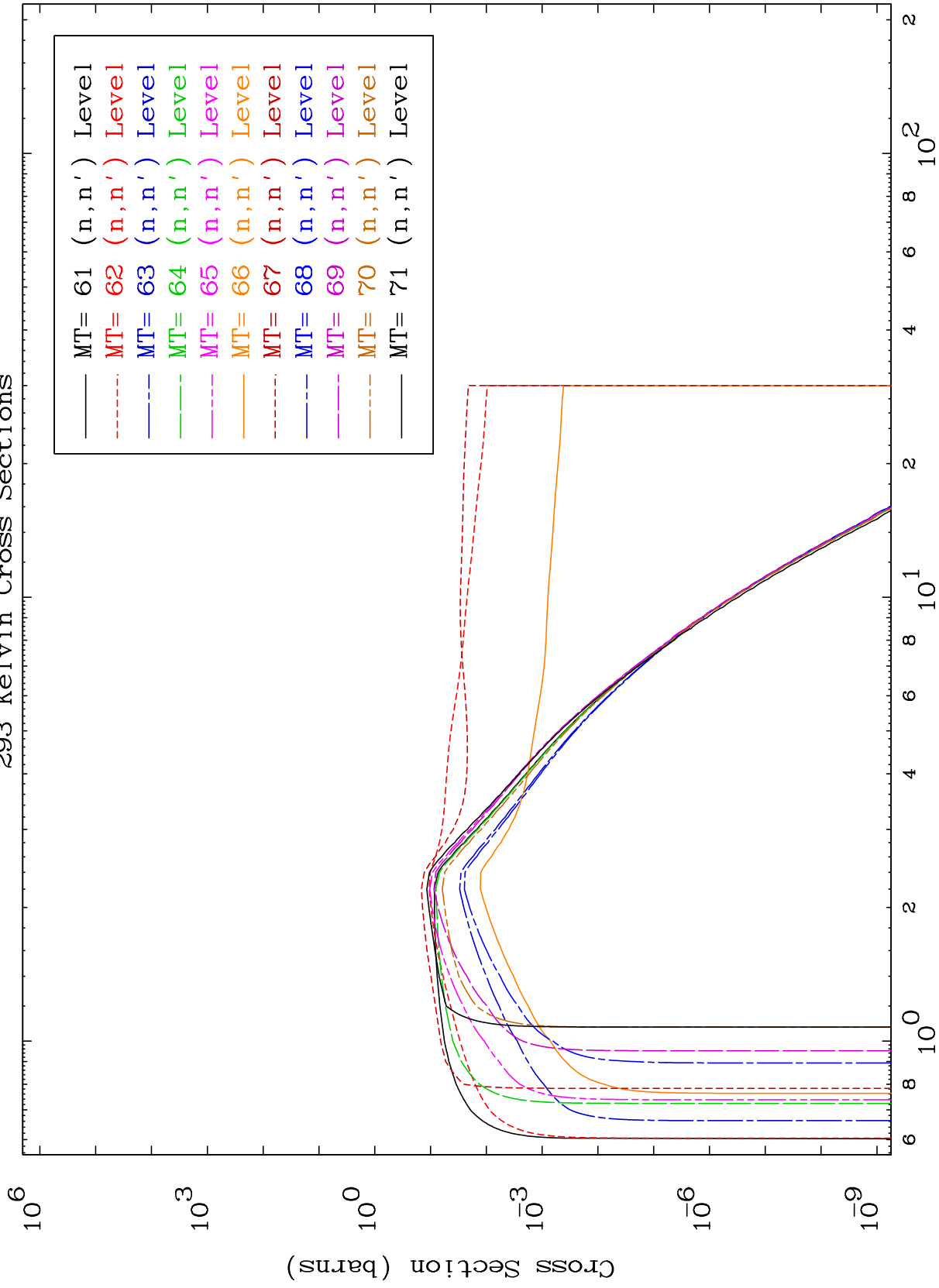
55-Cs-142



MAT 5552

(n,n') Level
293 Kelvin Cross Sections

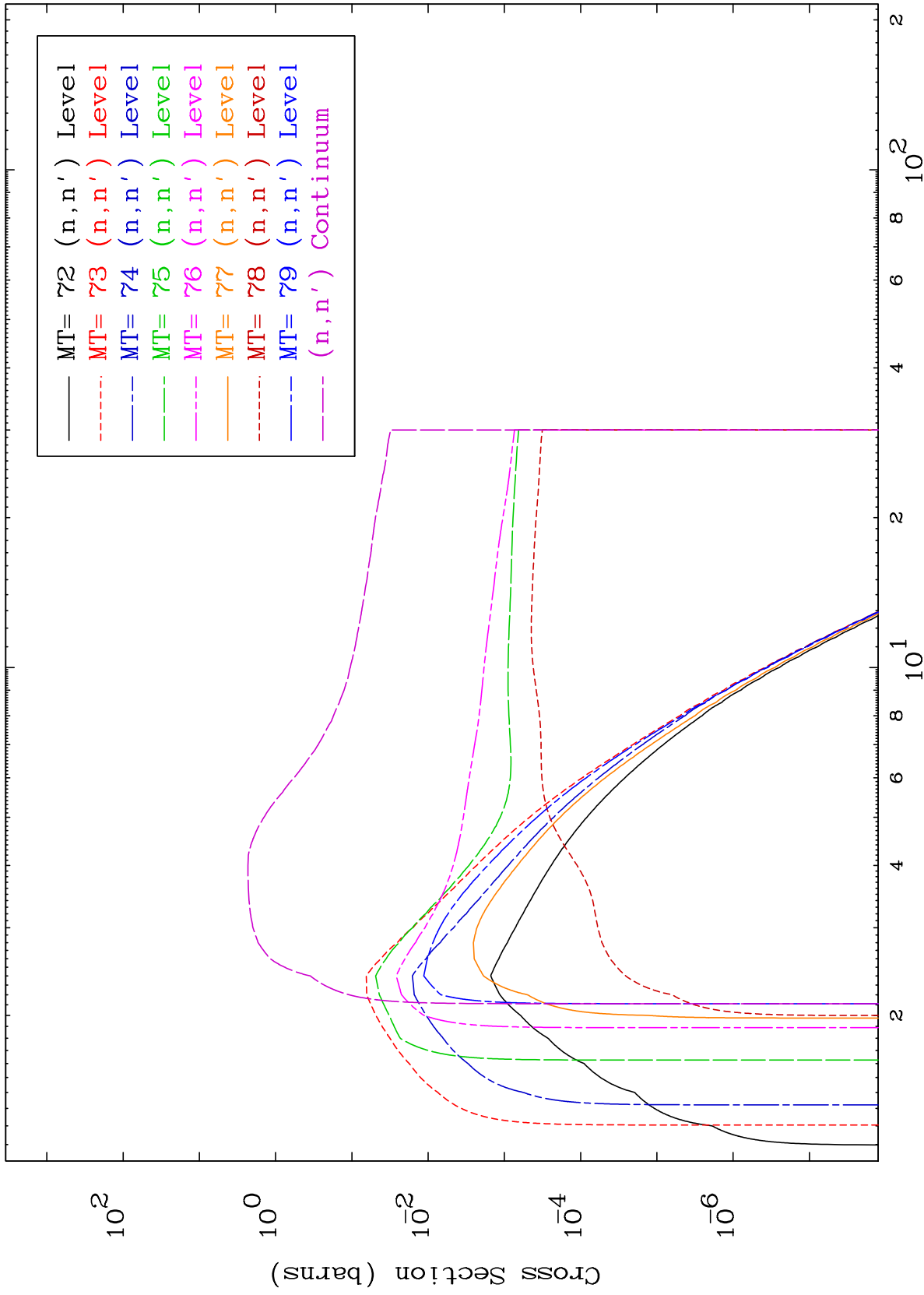
55-Cs-142



8

Incident Energy (MeV)

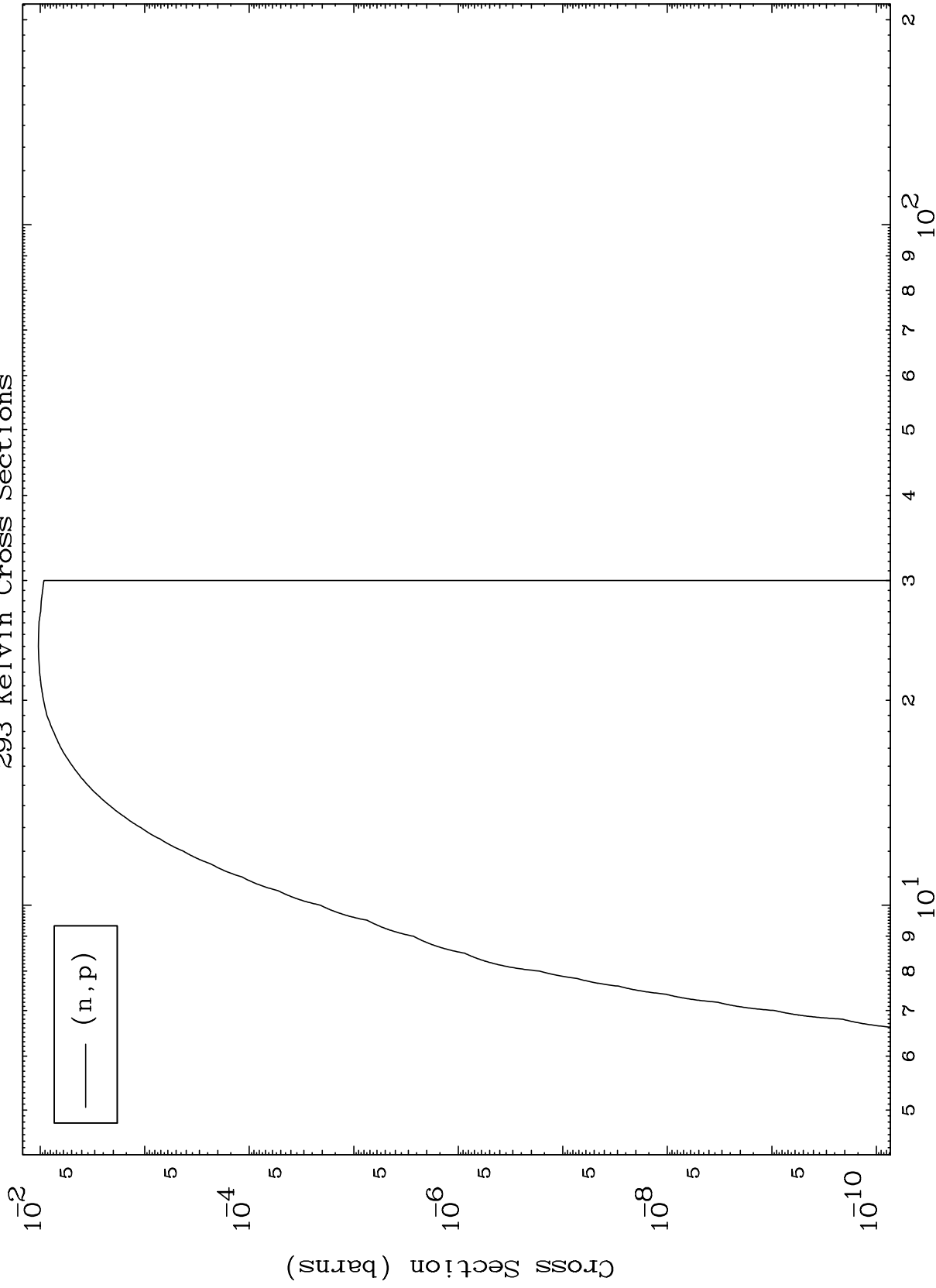
55-Cs-142



MAT 5552

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-142



10

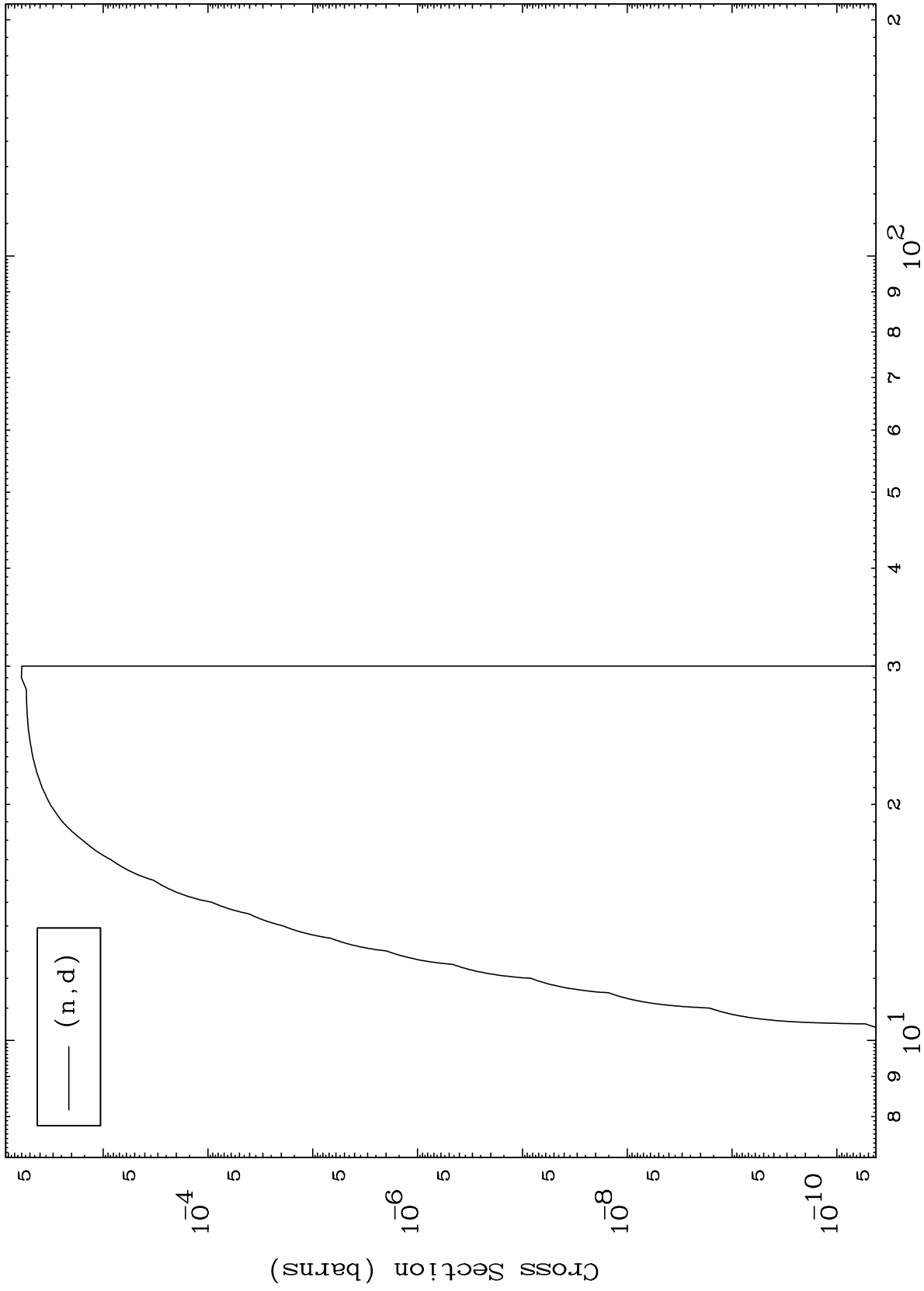
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-142



11

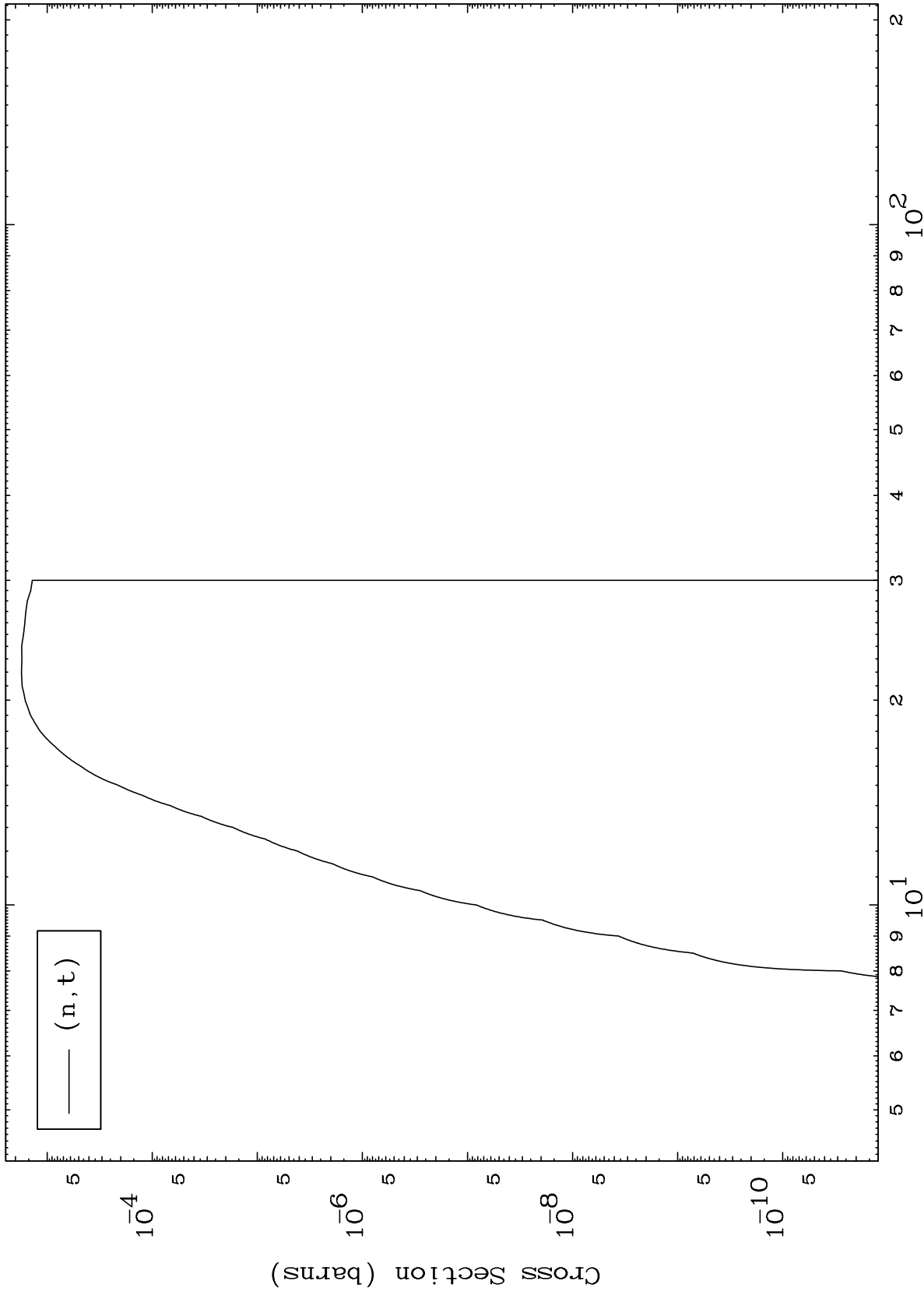
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-142



12

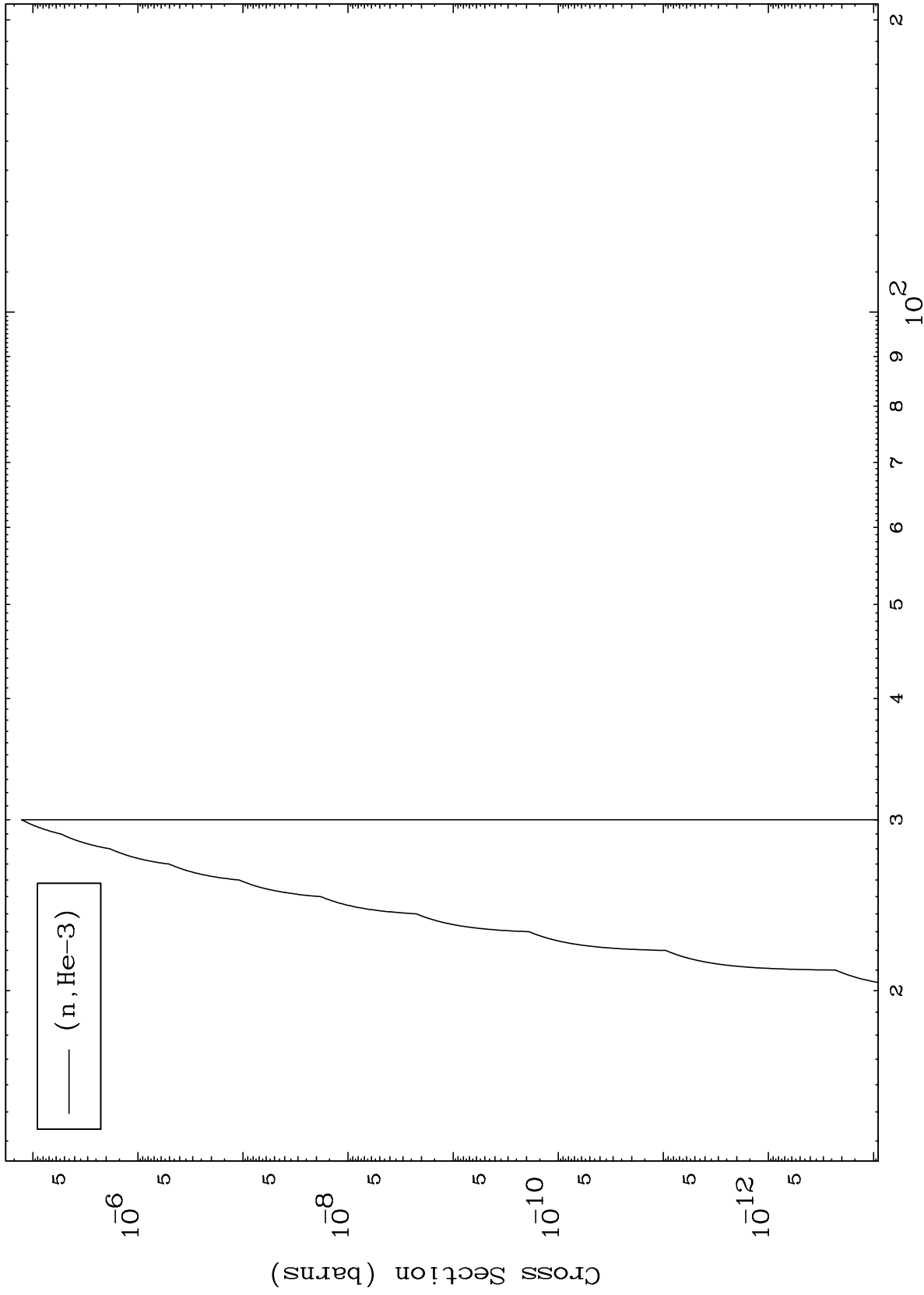
Incident Energy (MeV)

55-Cs-142

MAT 5552

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-142



13

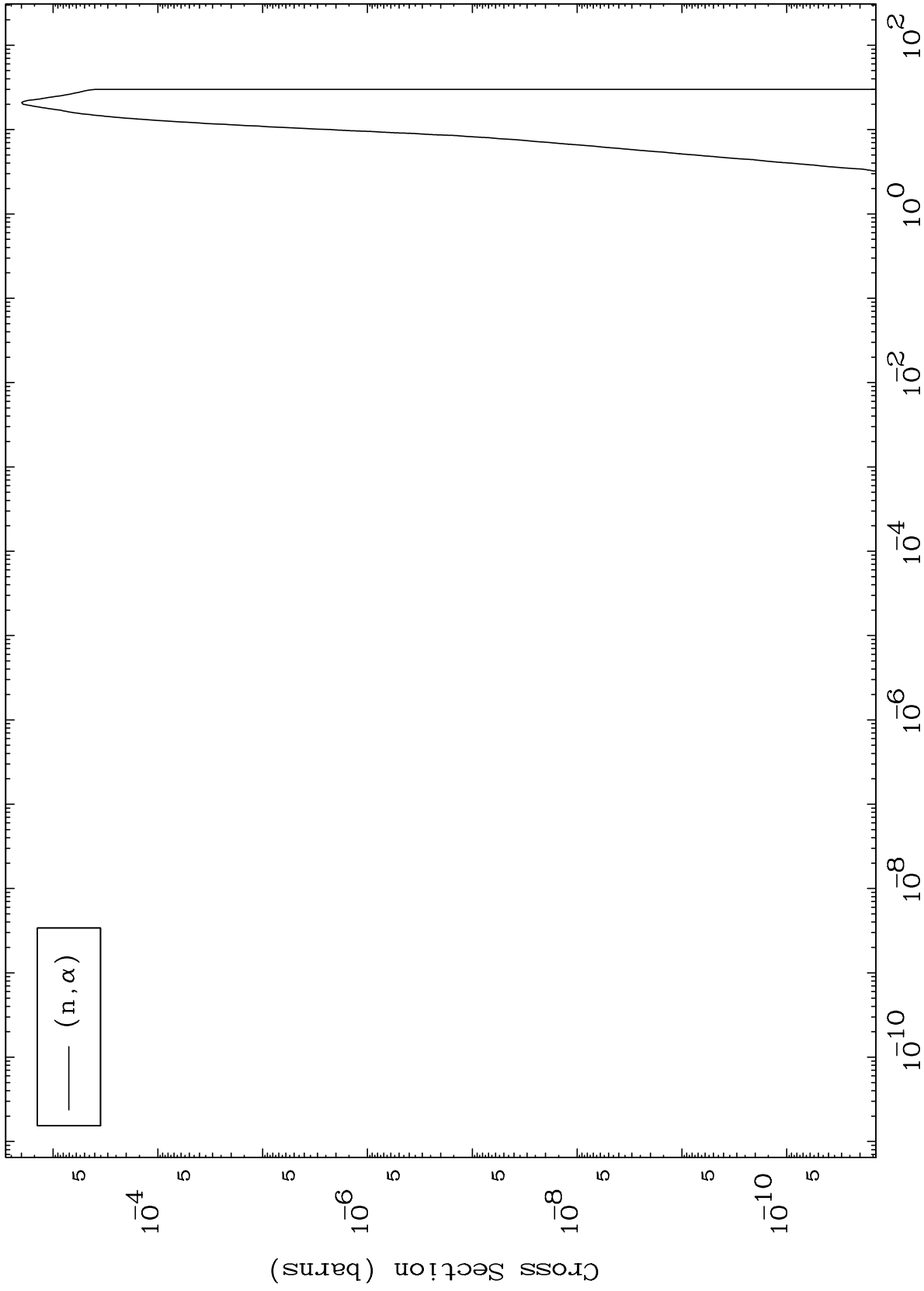
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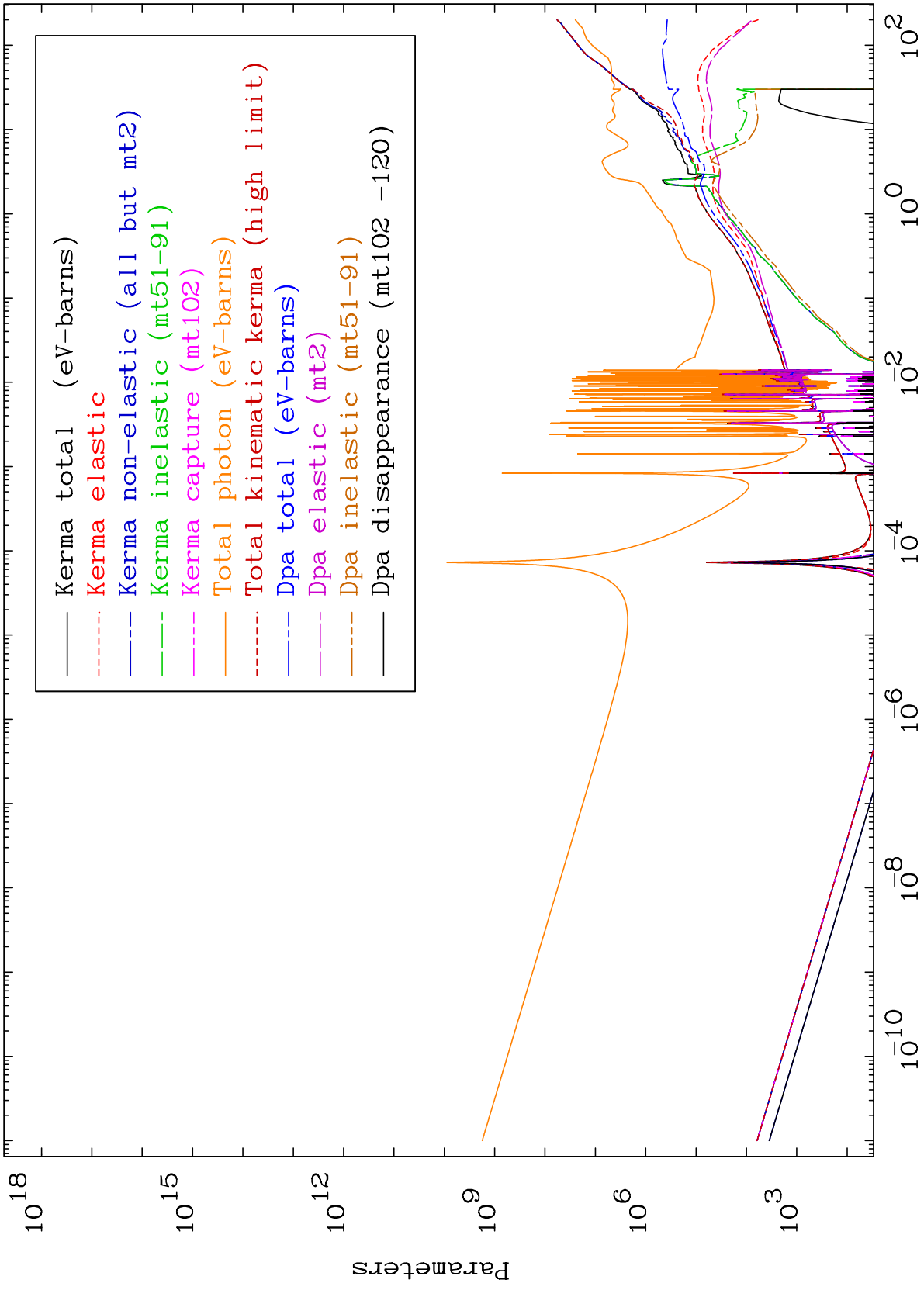
55-Cs-142

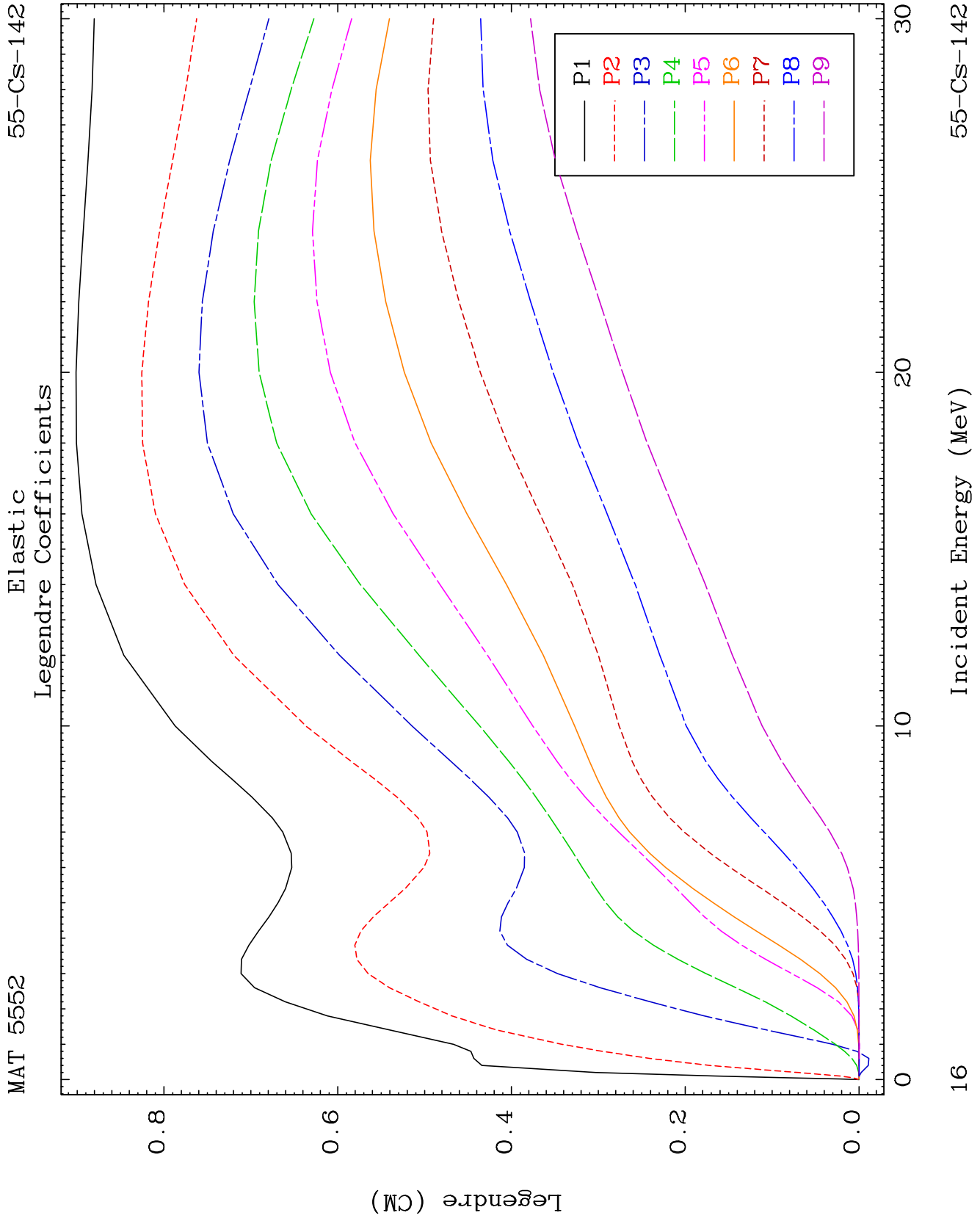
MAT 5552

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-142



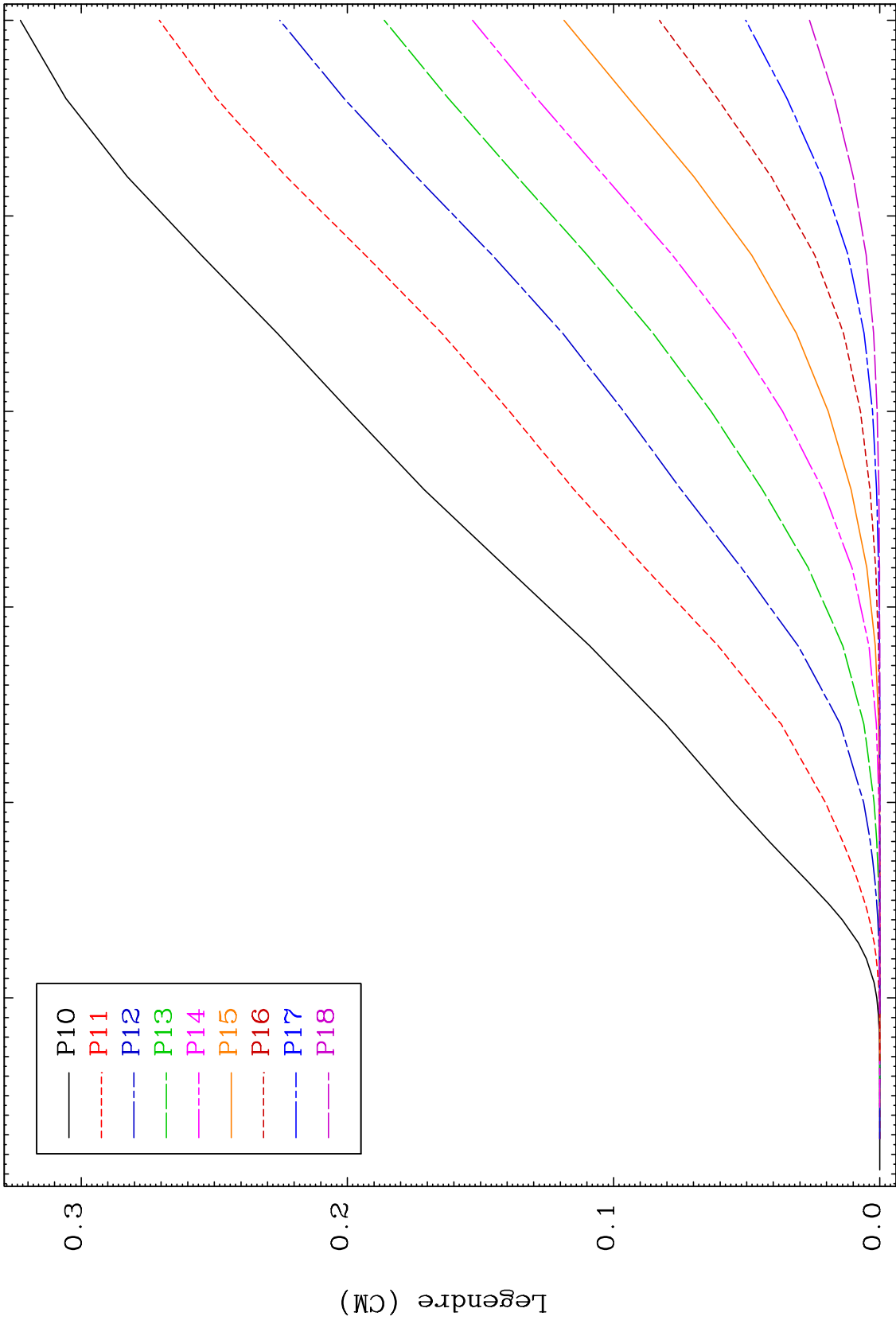




MAT 5552

Elastic Legendre Coefficients

55-Cs-142



17

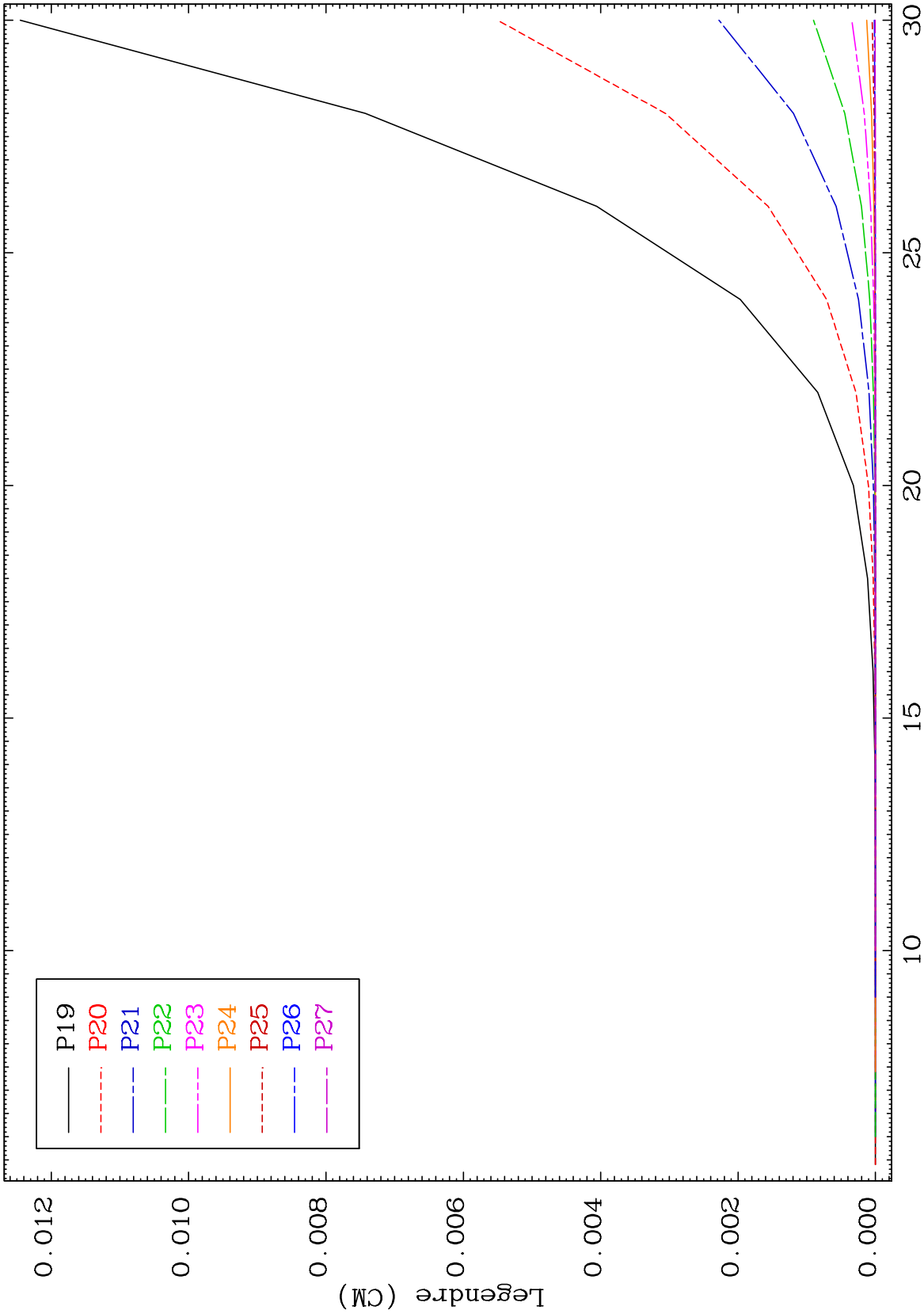
Incident Energy (MeV)

55-Cs-142

MAT 5552

Elastic Legendre Coefficients

55-Cs-142



18

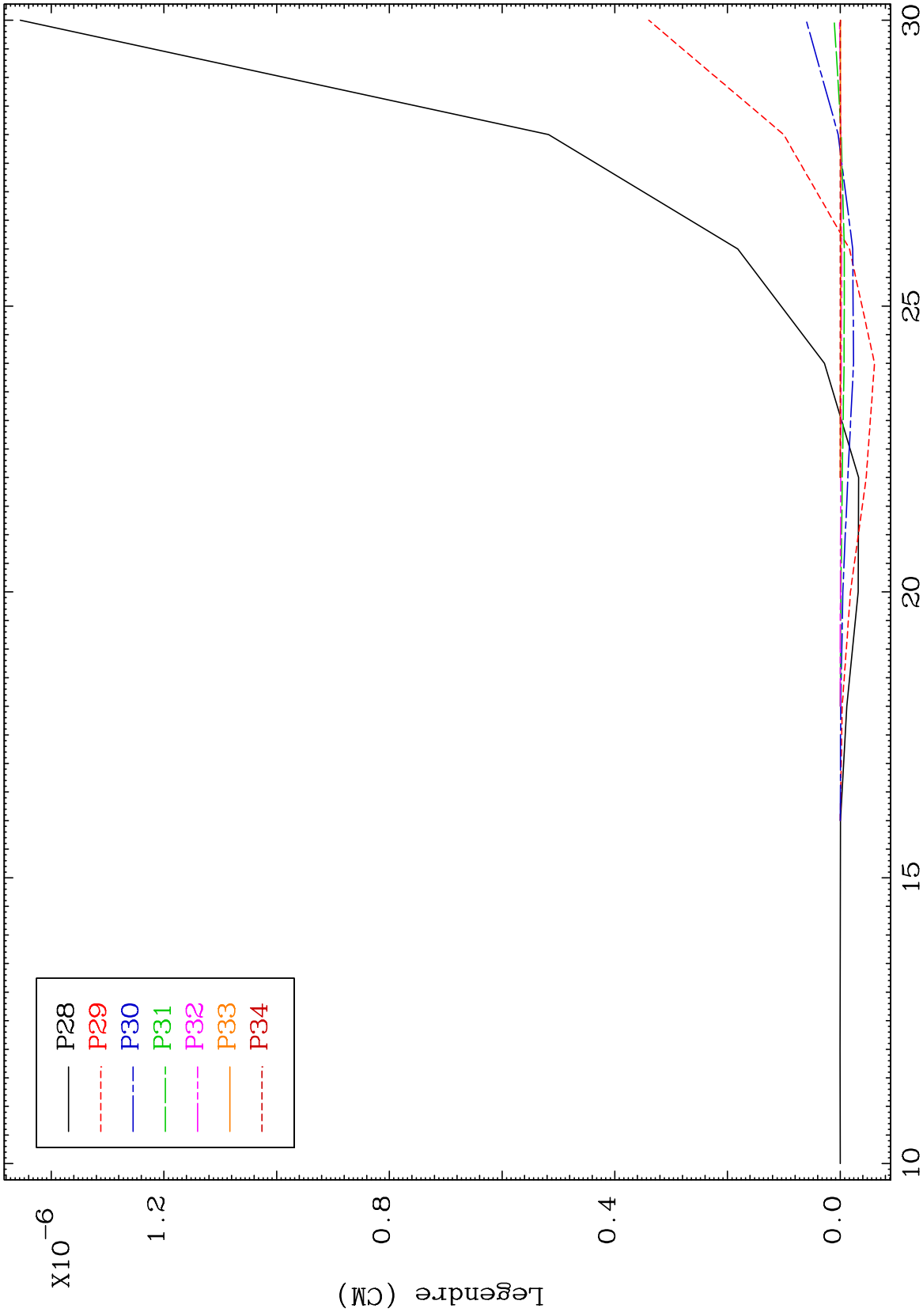
Incident Energy (MeV)

55-Cs-142

MAT 5552

Elastic Legendre Coefficients

55-Cs-142

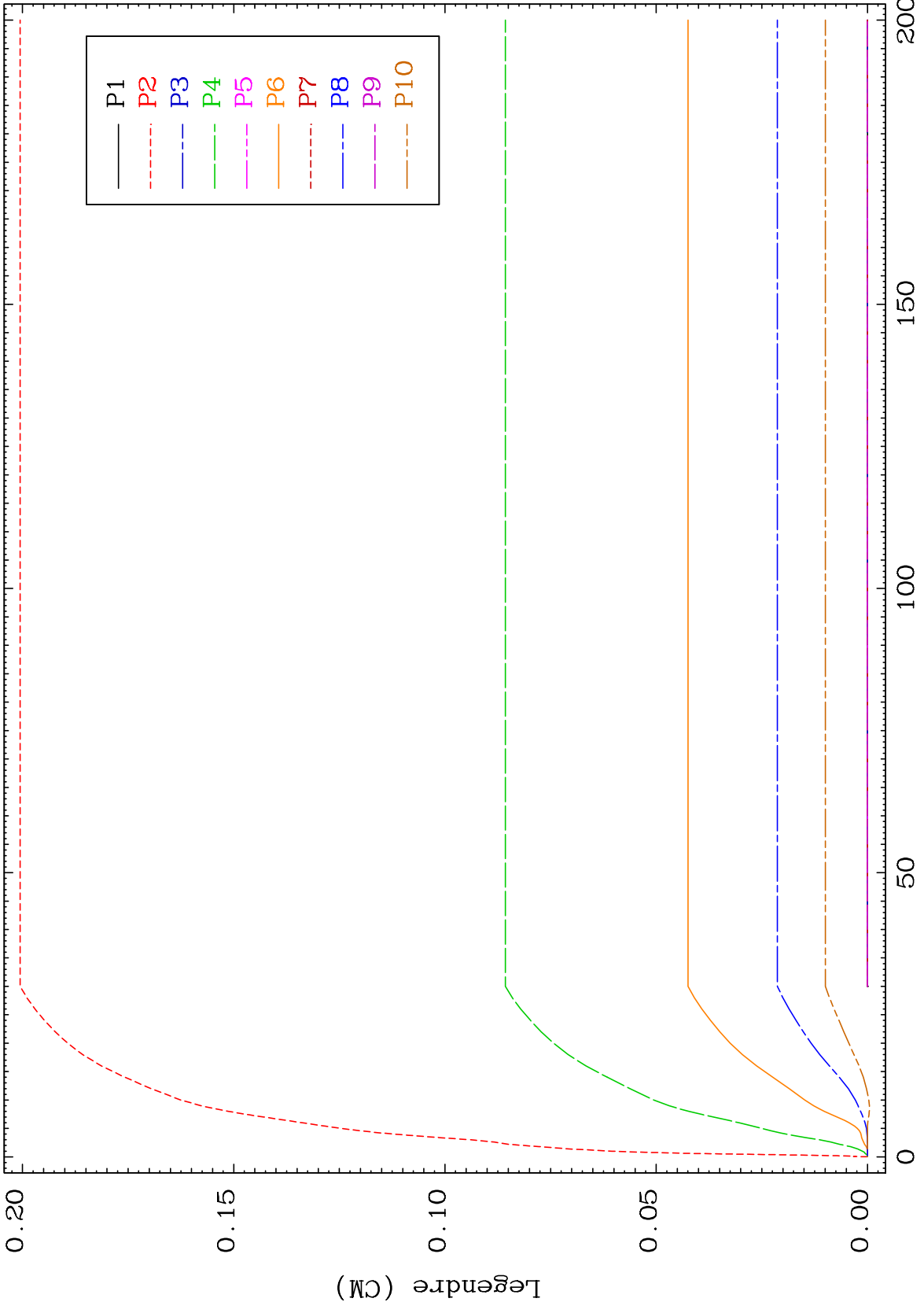


19

Incident Energy (MeV)

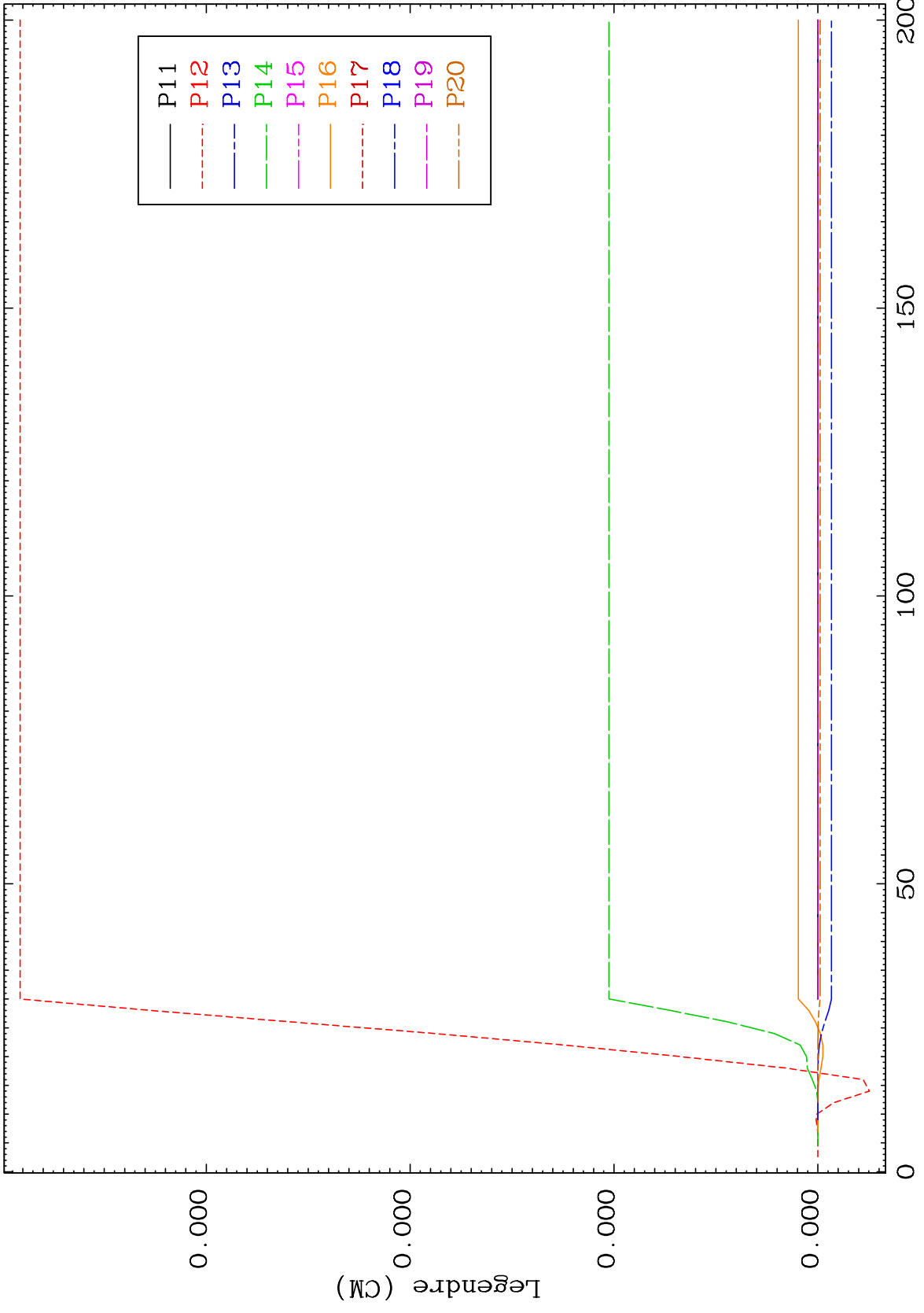
55-Cs-142

MAT 5552 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-142



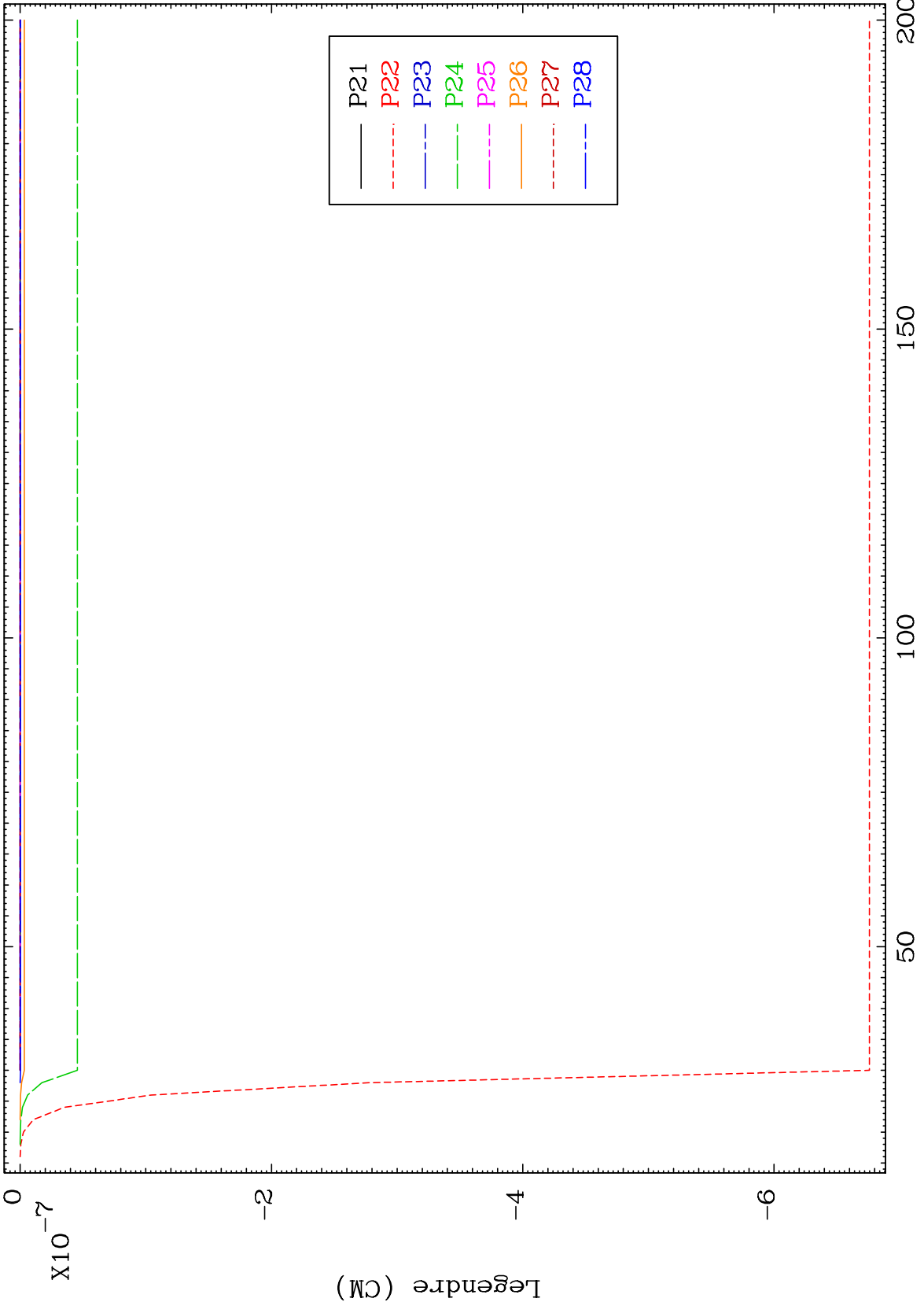
55-Cs-142

MAT 5552 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-142



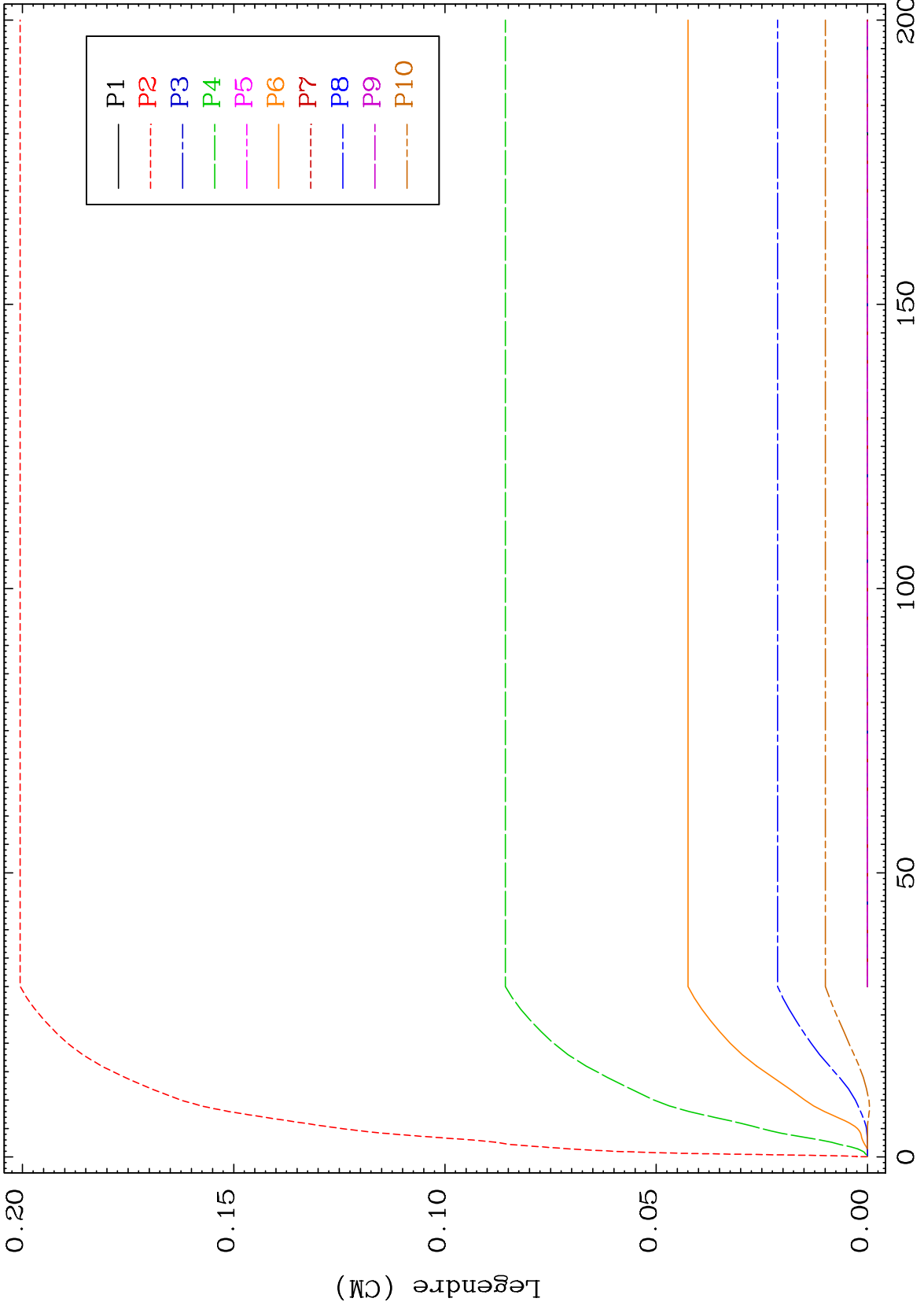
21 55-Cs-142

MAT 5552 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-142



22 Incident Energy (MeV) 55-Cs-142

MAT 5552 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-142

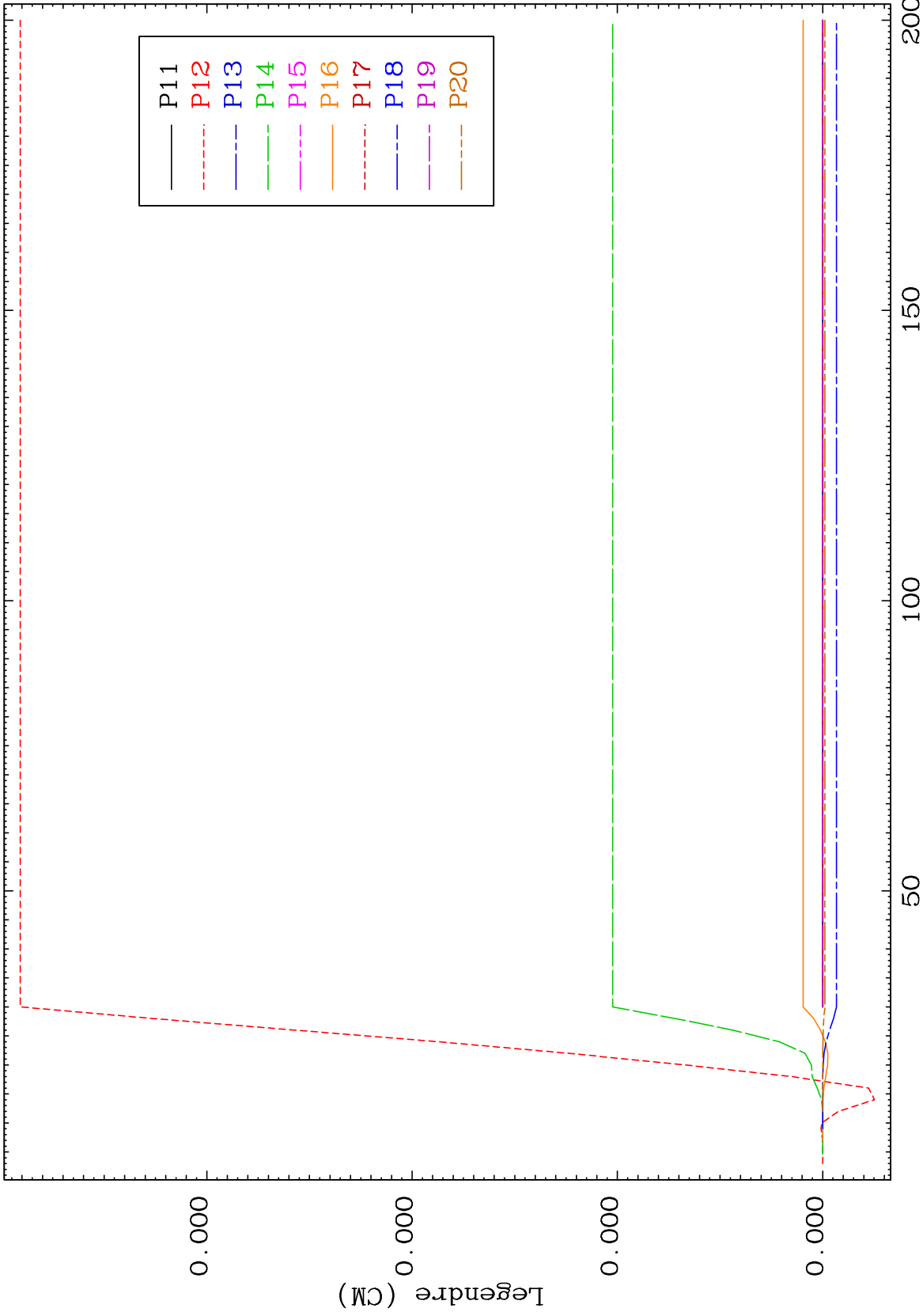


55-Cs-142 23

MAT 5552

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

55-Cs-142

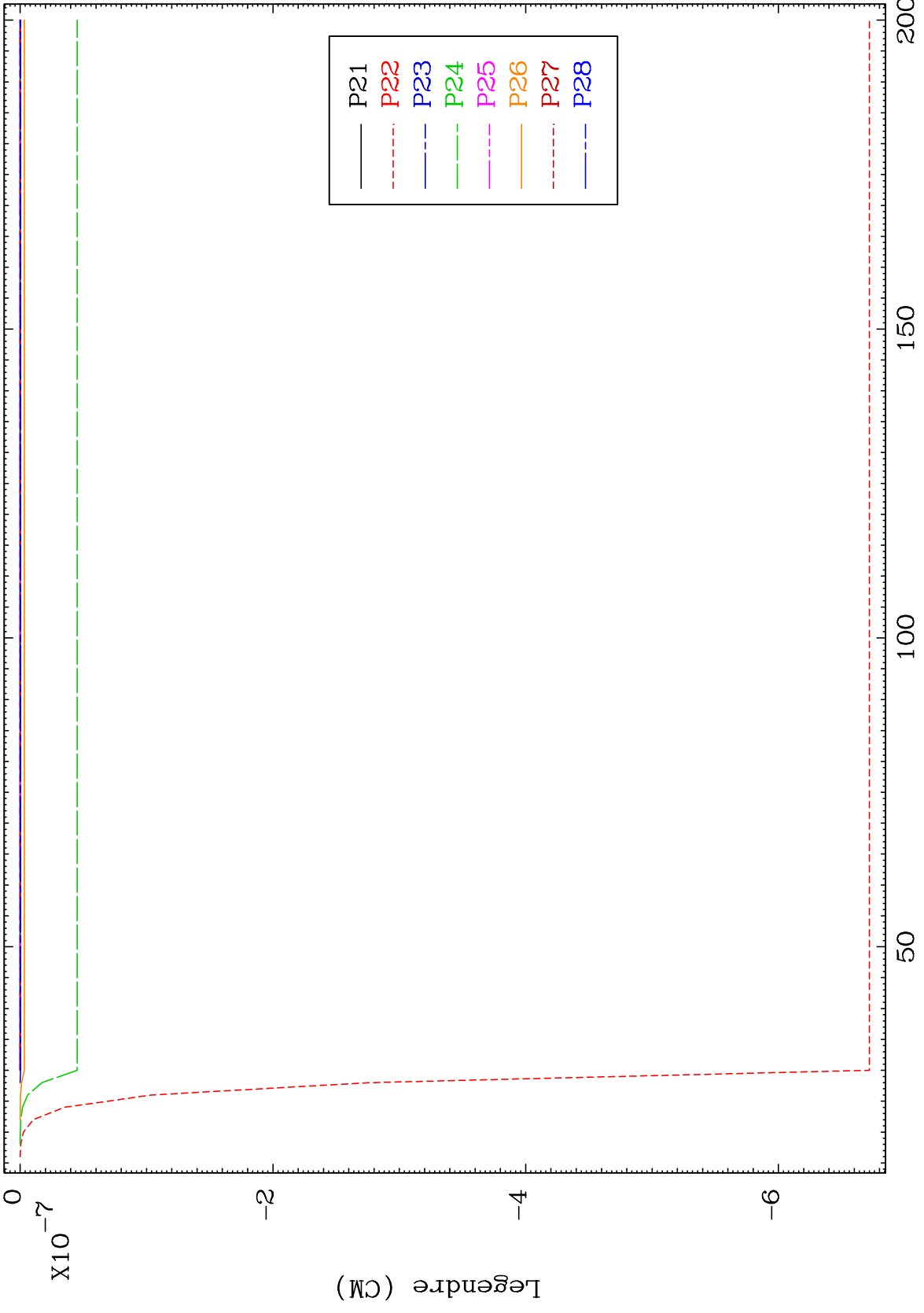


24

Incident Energy (MeV)

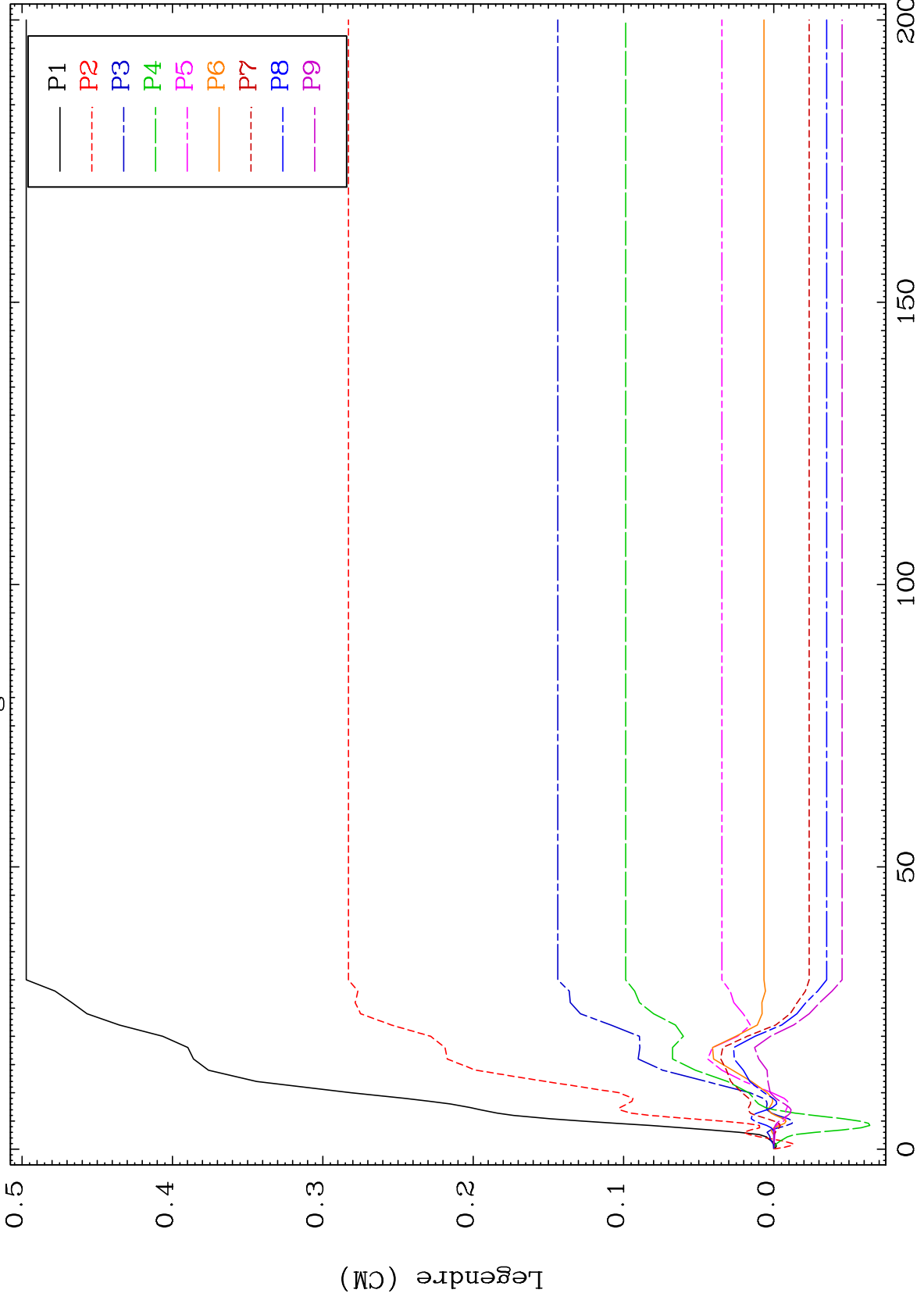
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MAT 5552 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-142



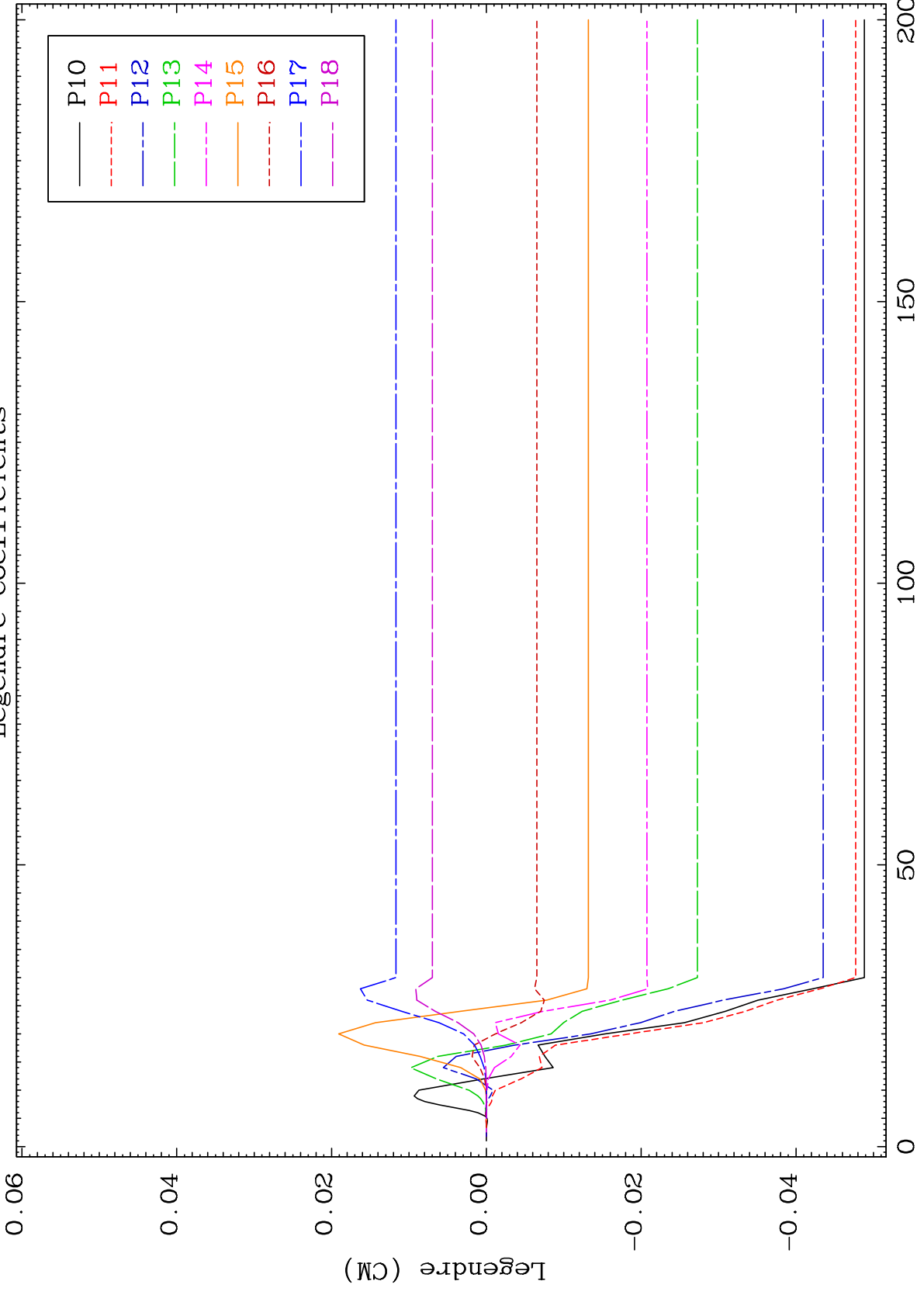
25 50 100 150 200 55-Cs-142

MAT 5552 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-142



26 55-Cs-142

MAT 5552 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-142

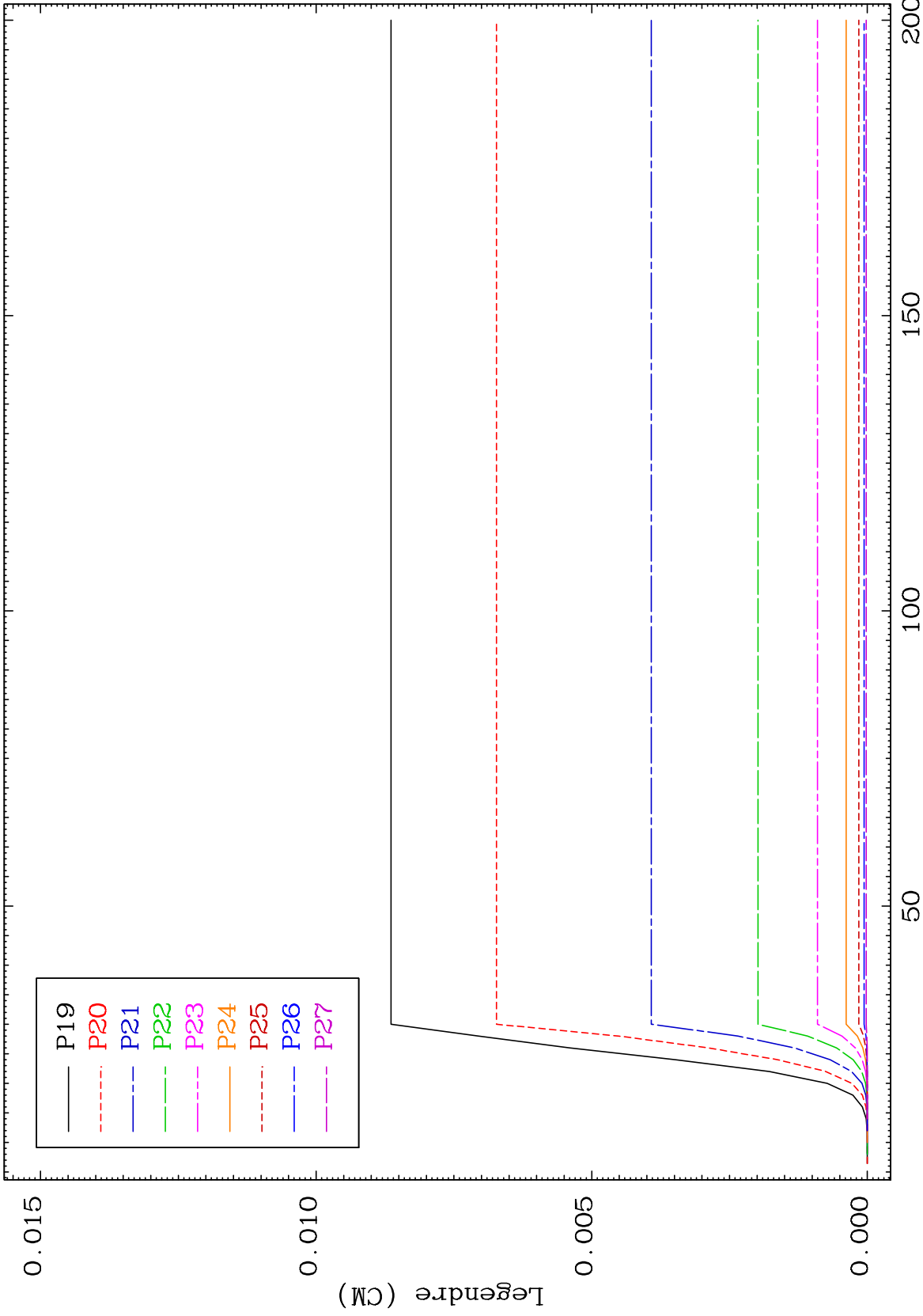


27 Incident Energy (MeV) 55-Cs-142

MAT 5552

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

55-Cs-142



28

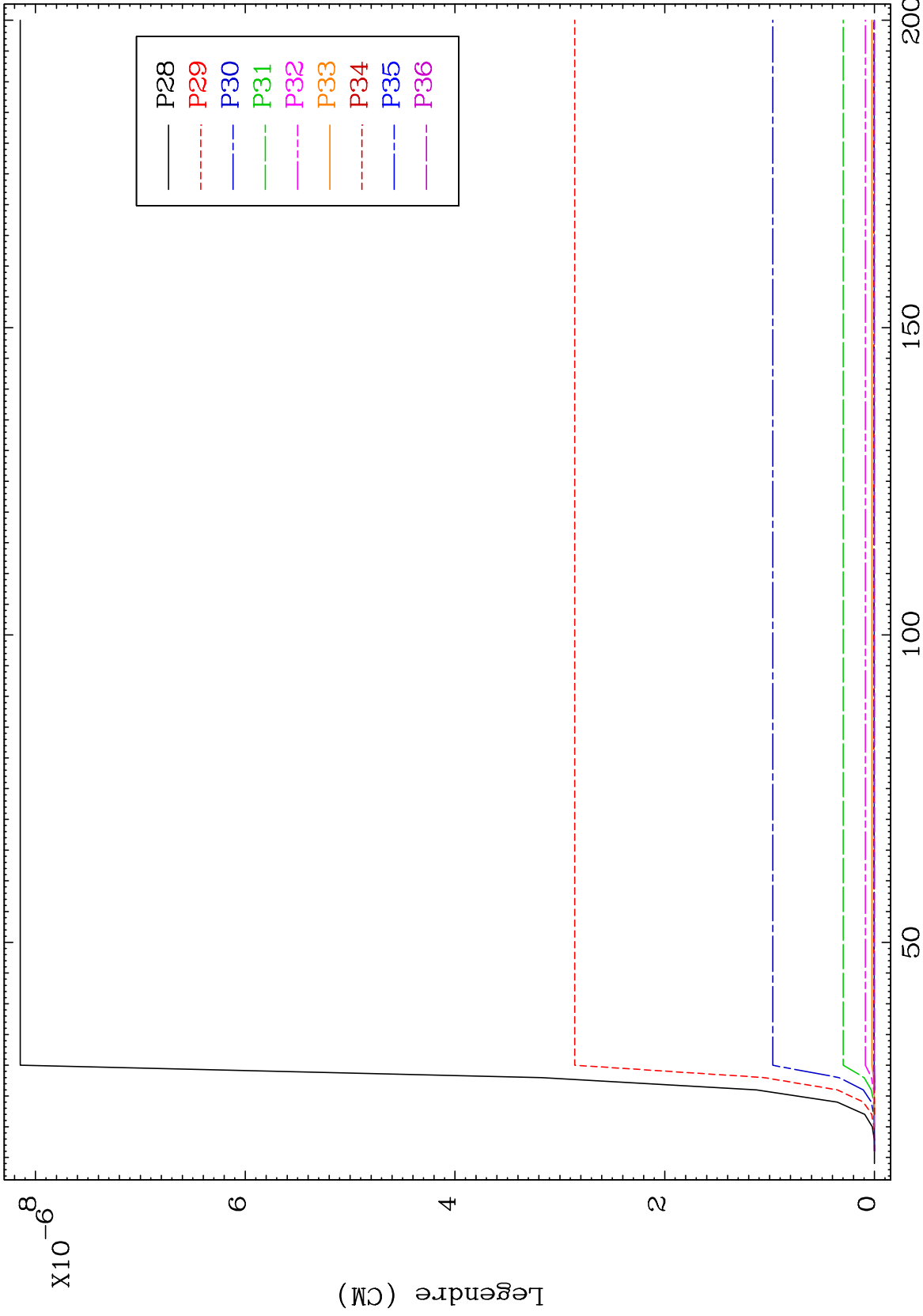
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



29

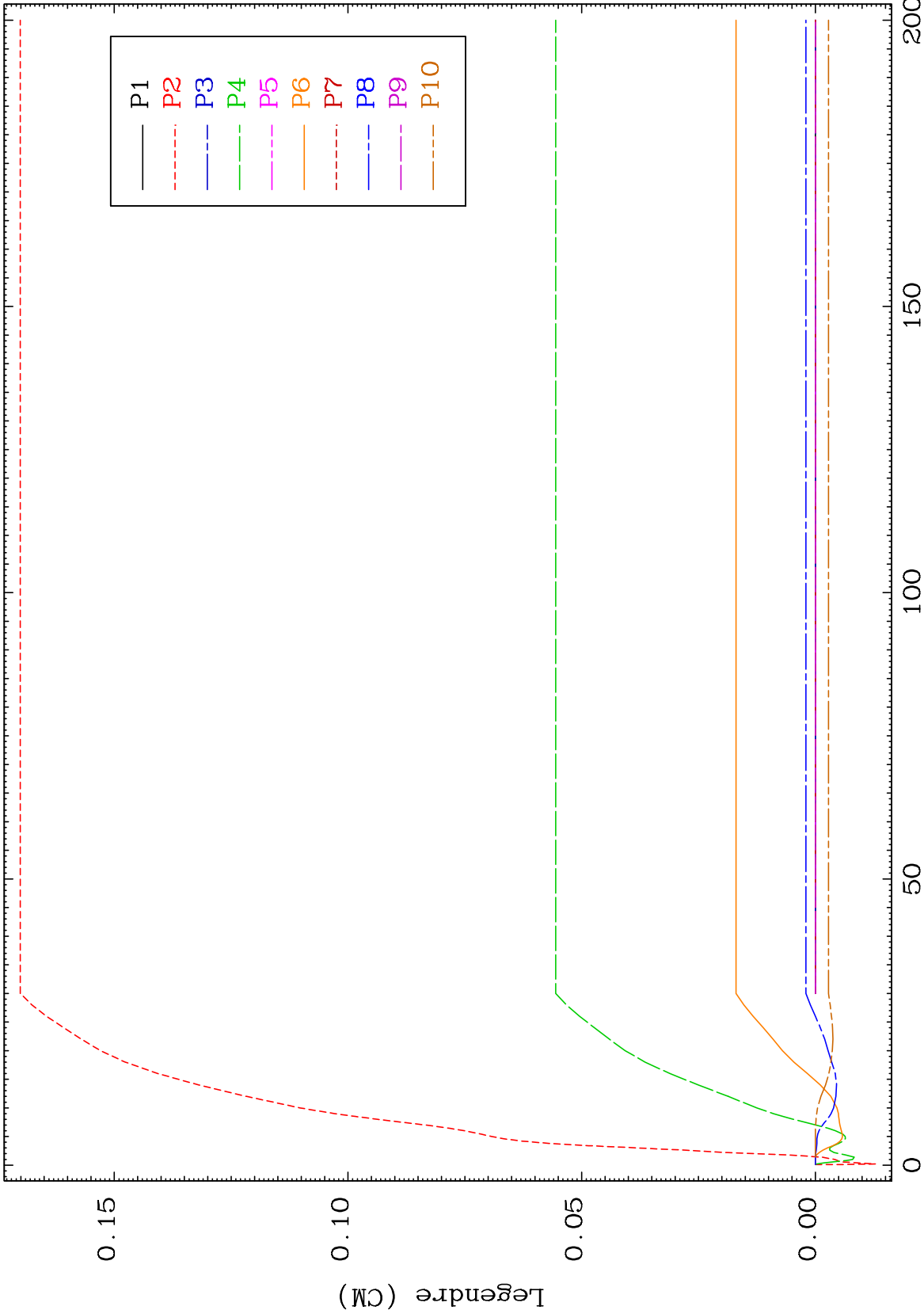
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

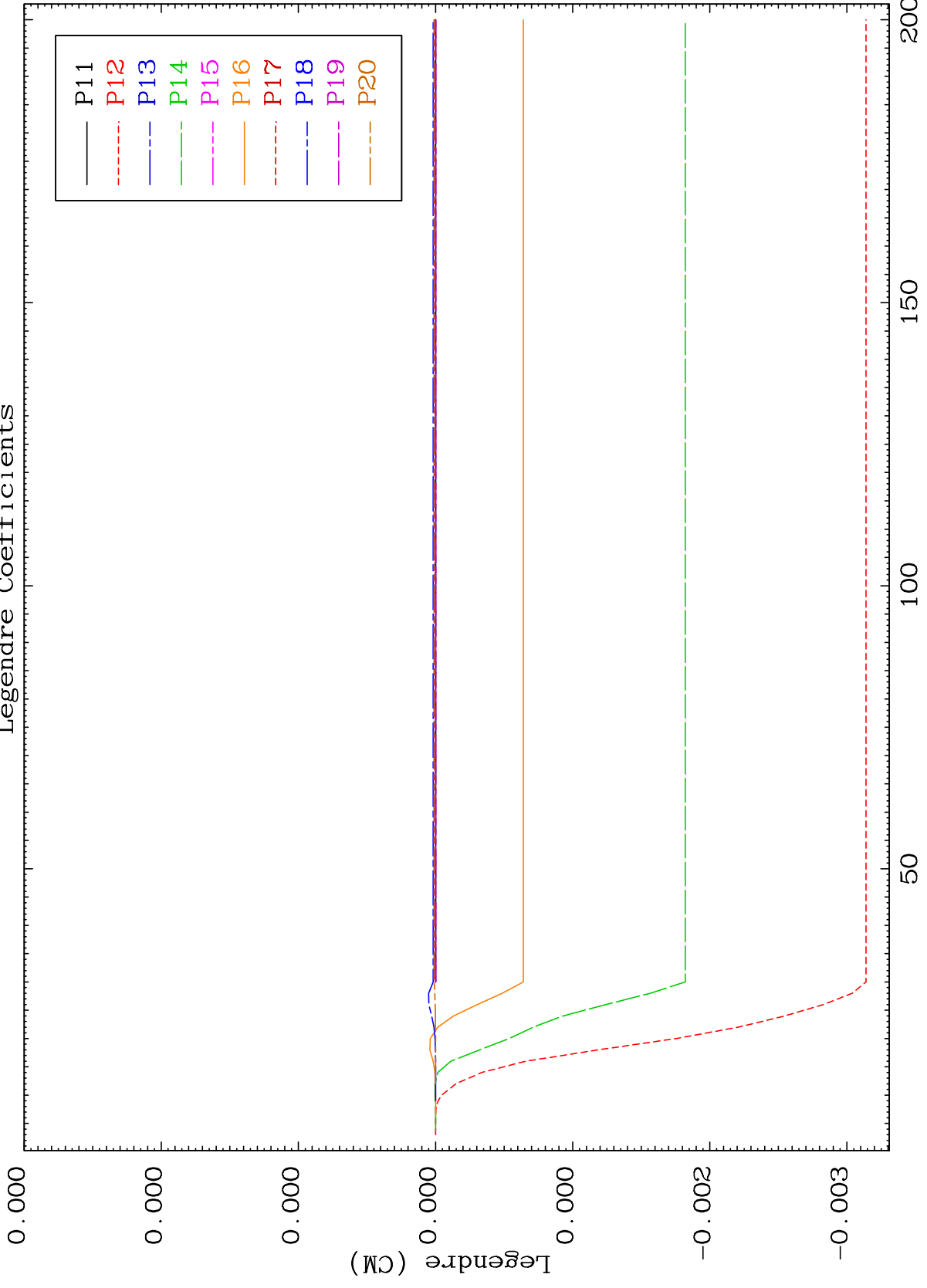


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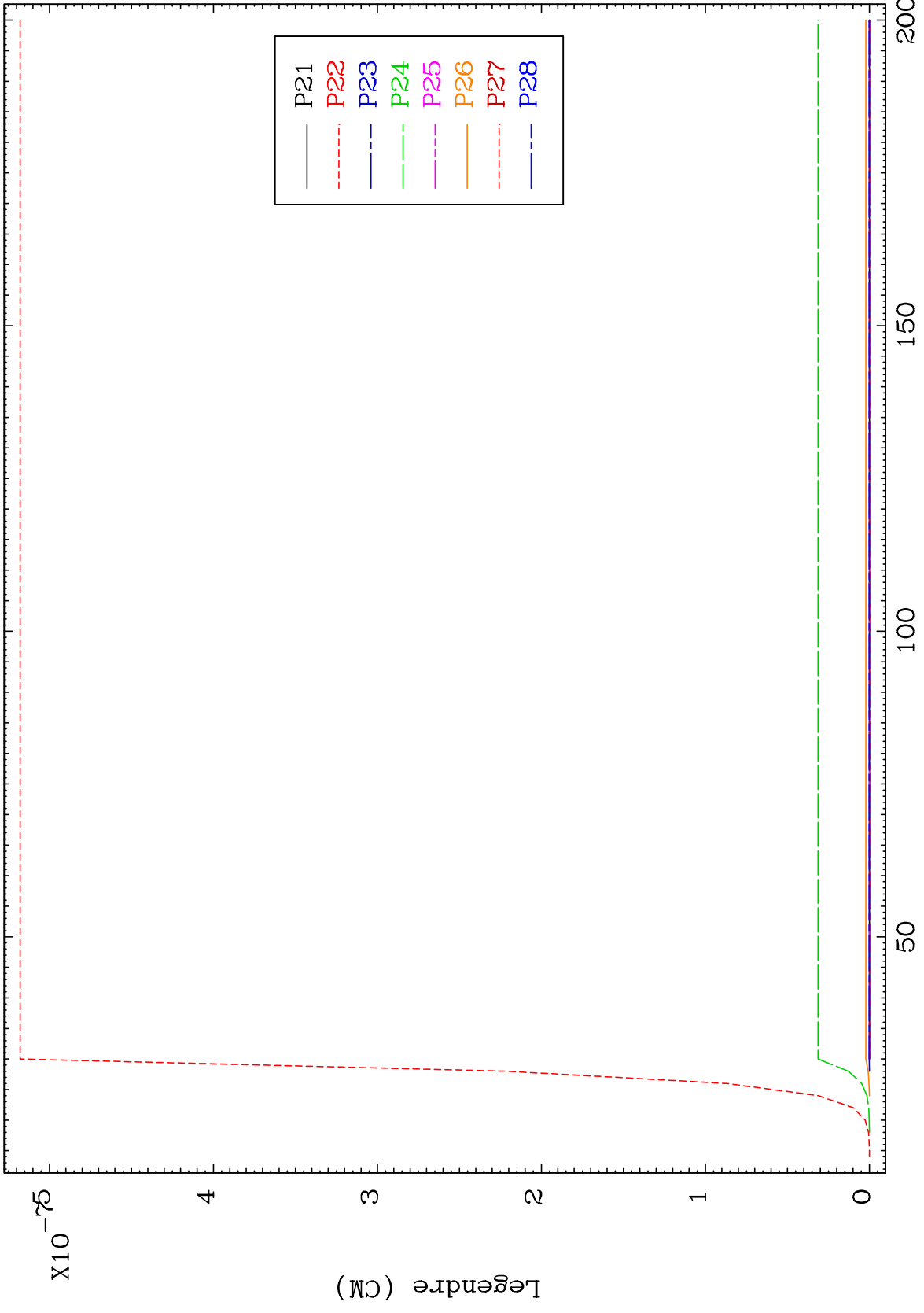
Incident Energy (MeV)

30

MAT 5552 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-142

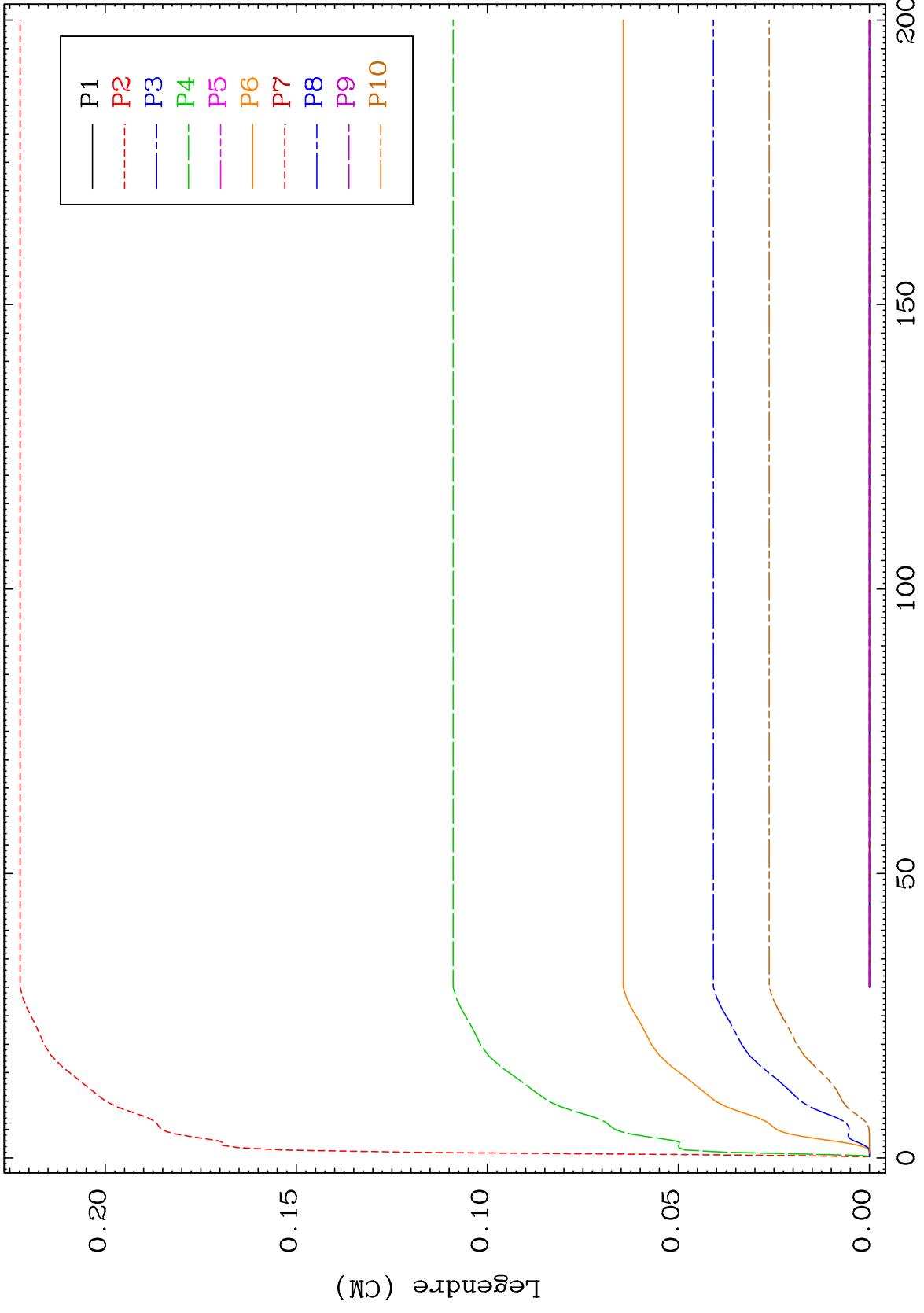


MAT 5552 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-142



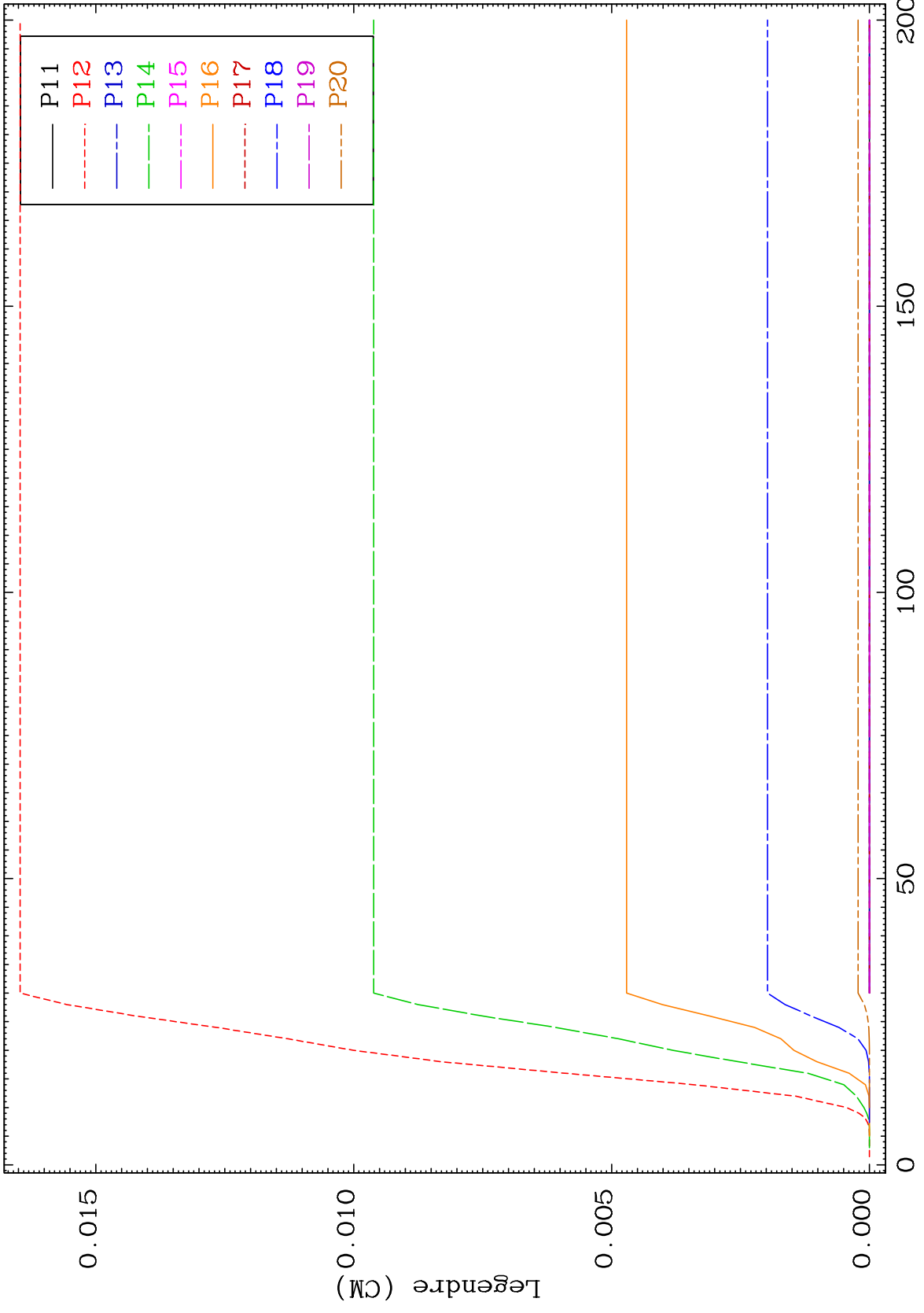
32 Incident Energy (MeV) 55-Cs-142

MAT 5552 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-142



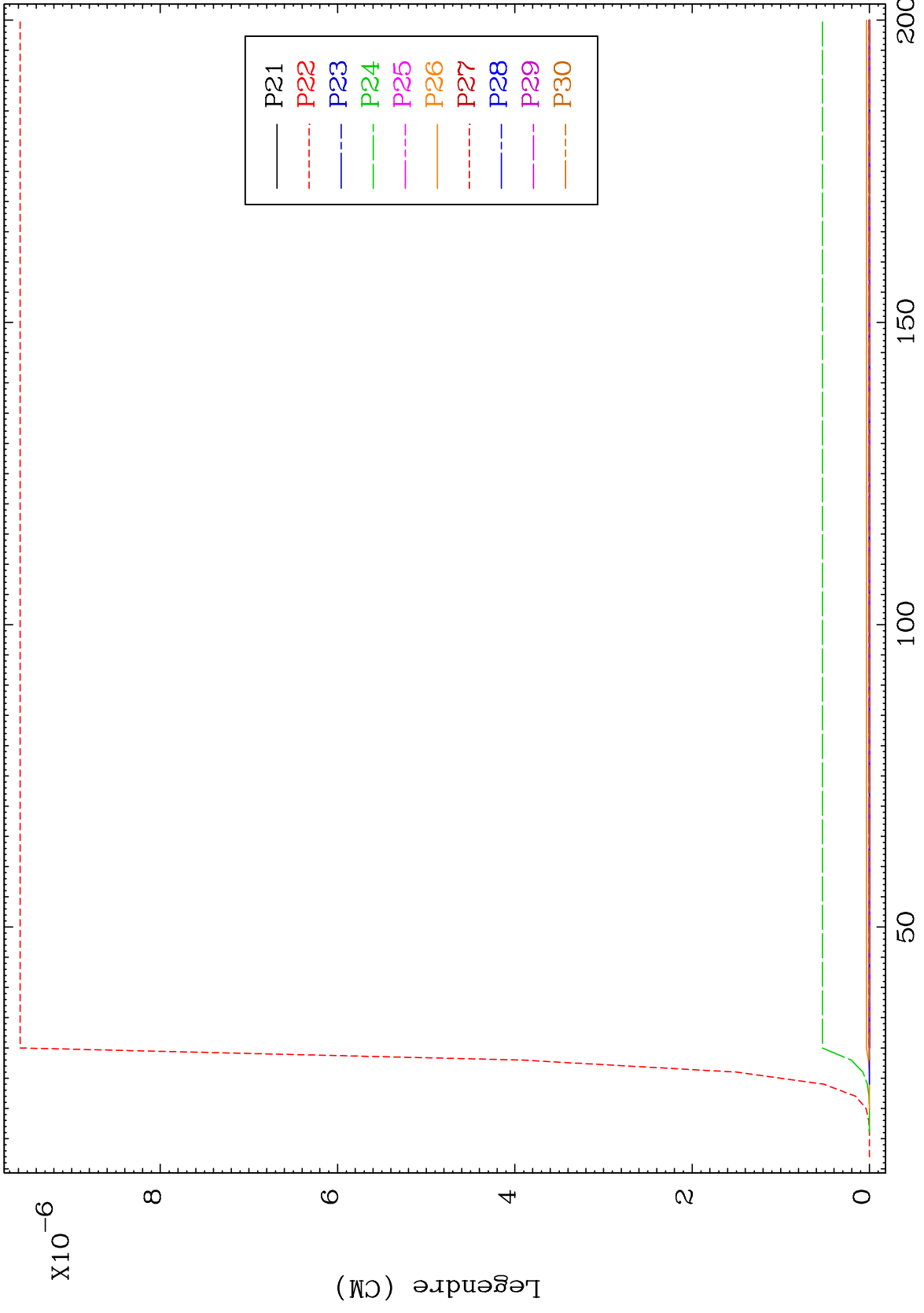
33 55-Cs-142

MAT 5552 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-142



34 55-Cs-142

MAT 5552 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-142

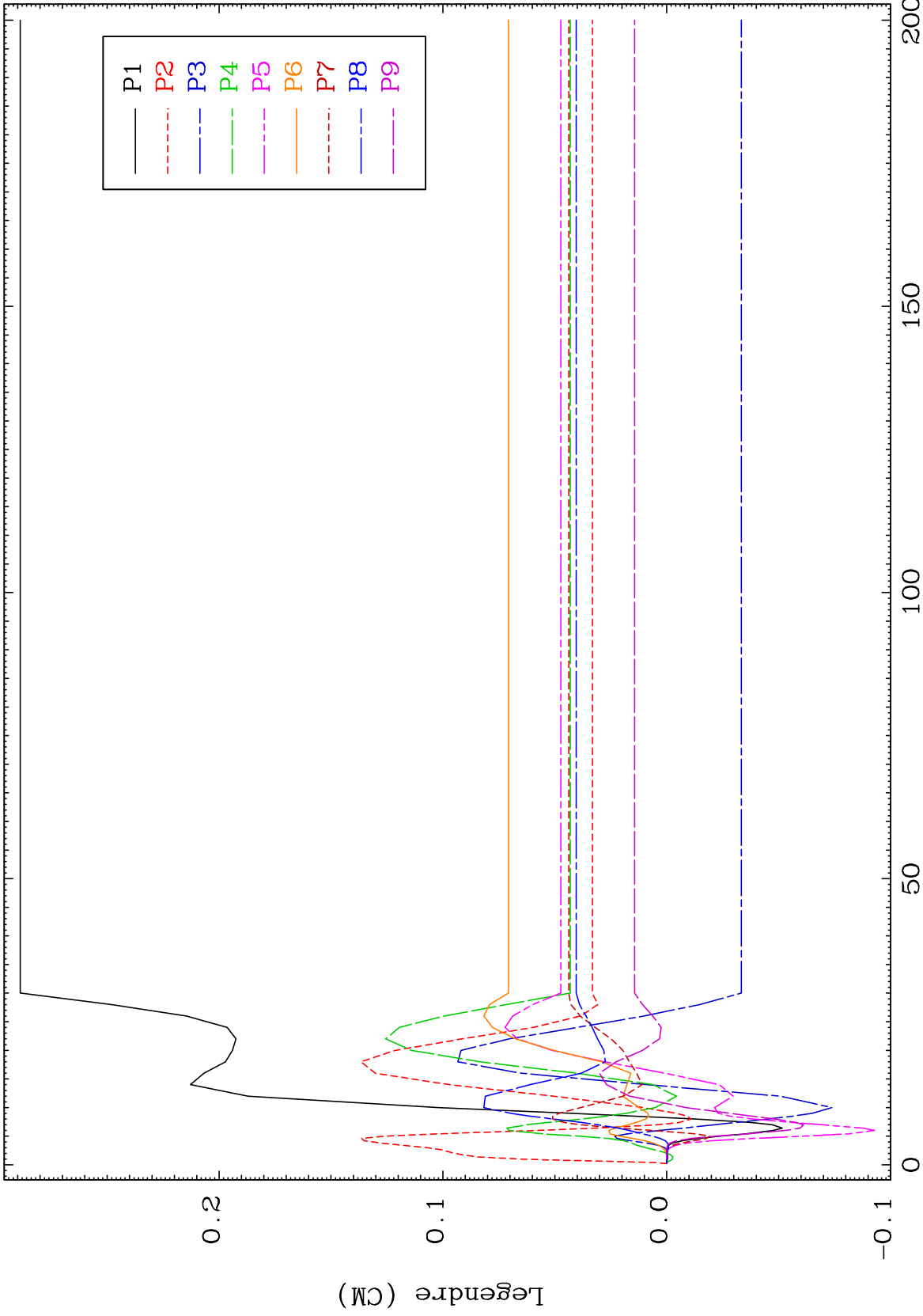


35 50 100 150 200 55-Cs-142

MAT 5552

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

55-Cs-142

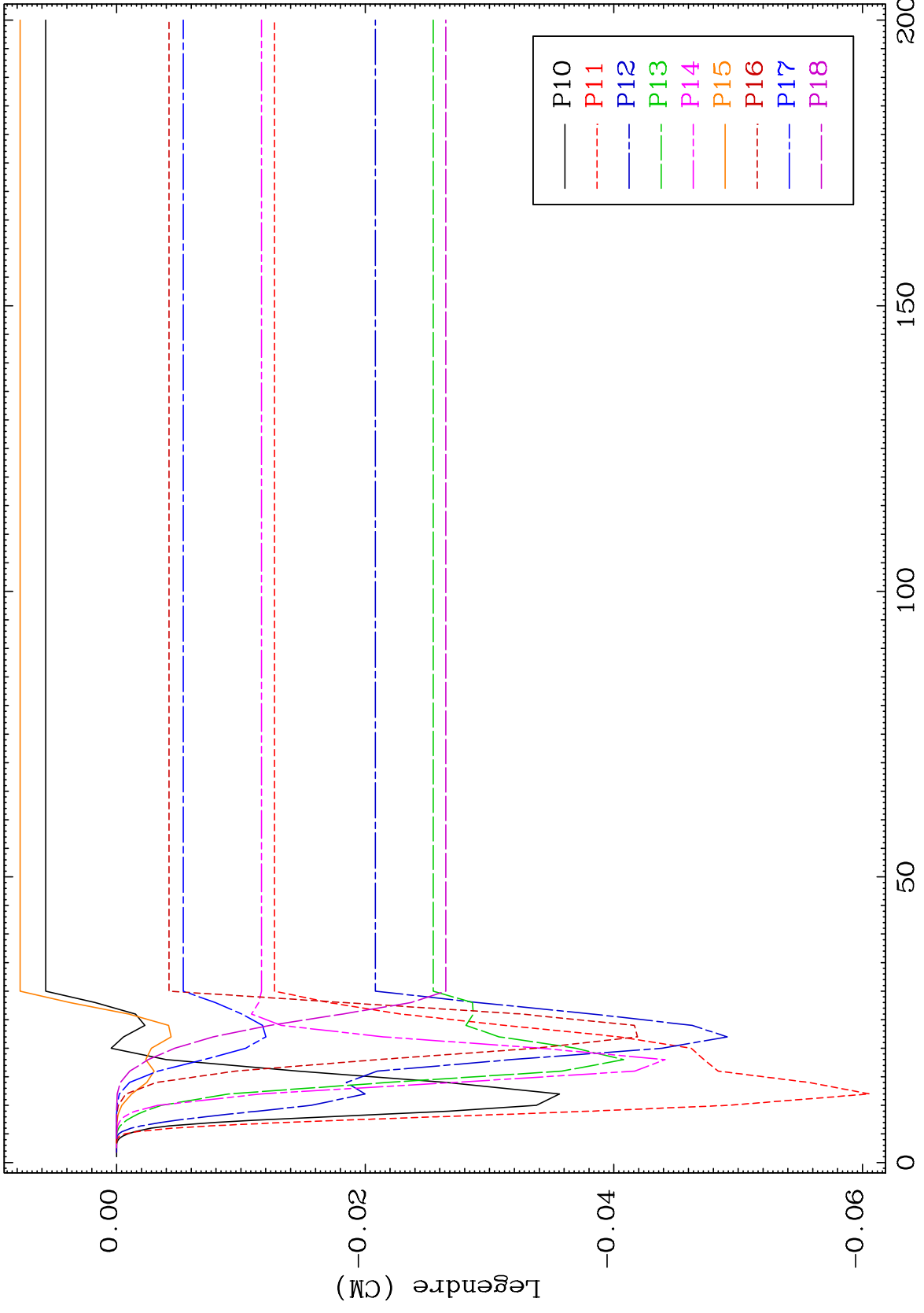


36

Incident Energy (MeV)

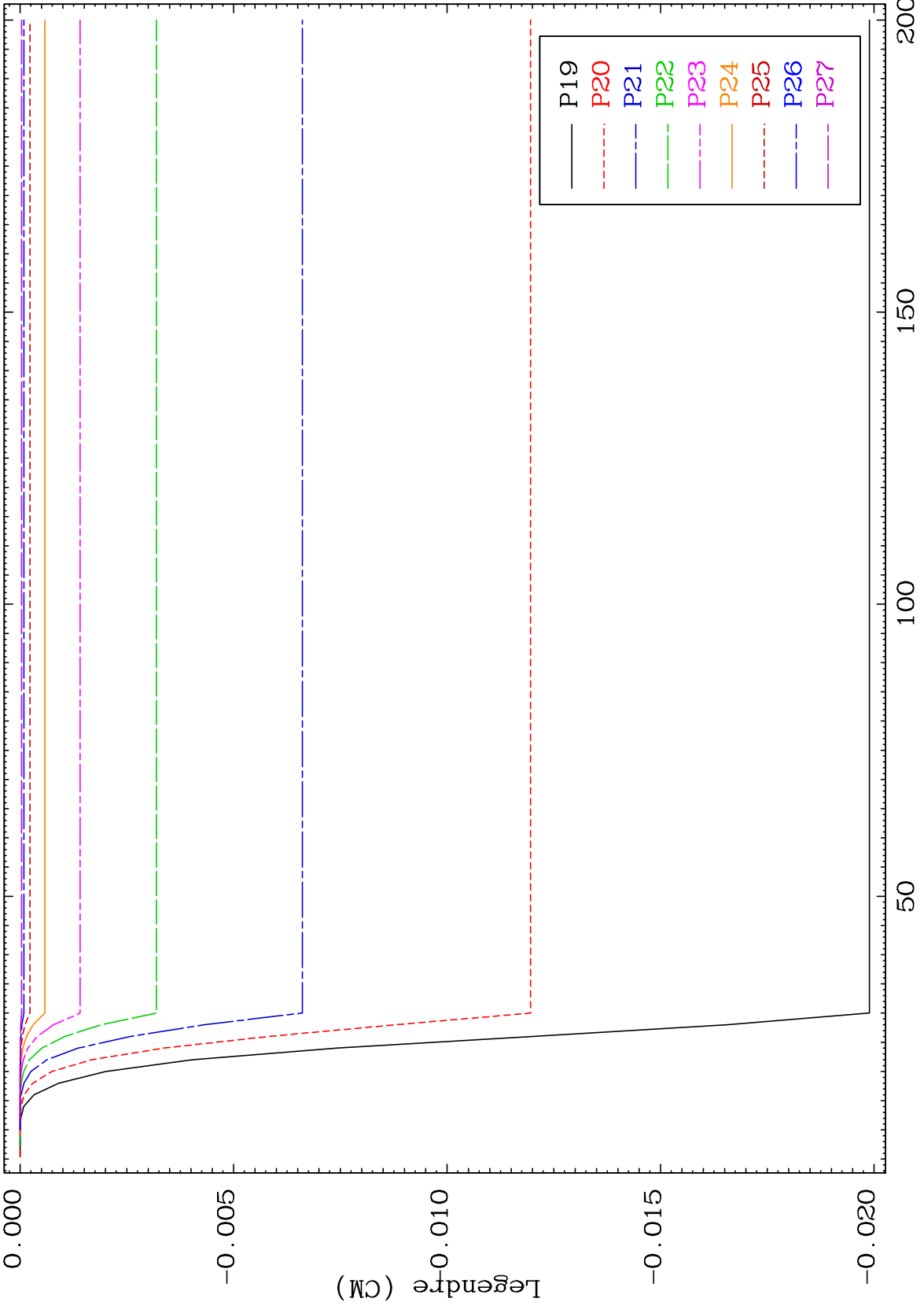
55-Cs-142

MAT 5552 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-142



37 55-Cs-142

MAT 5552 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-142

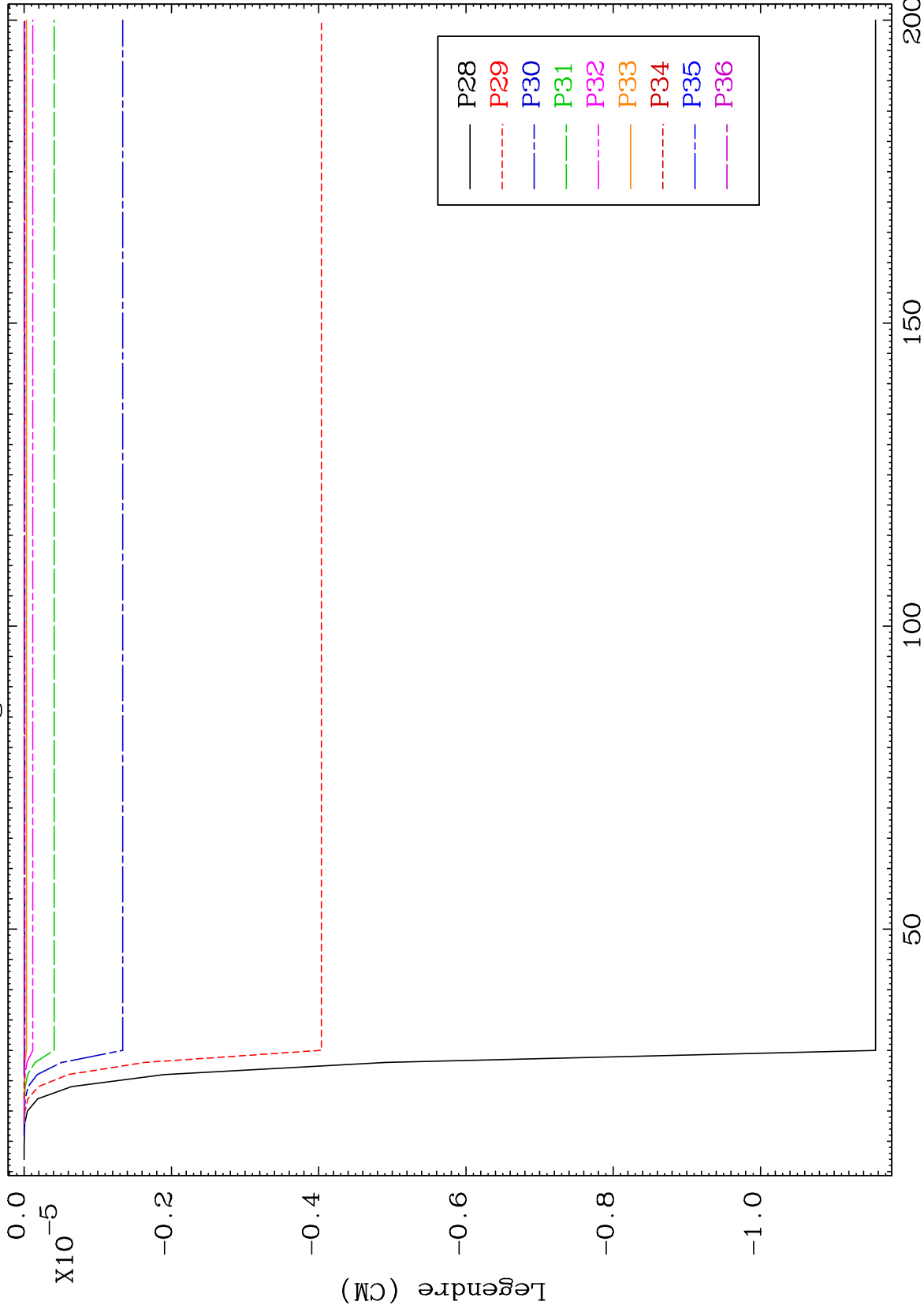


38 Incident Energy (MeV) 55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

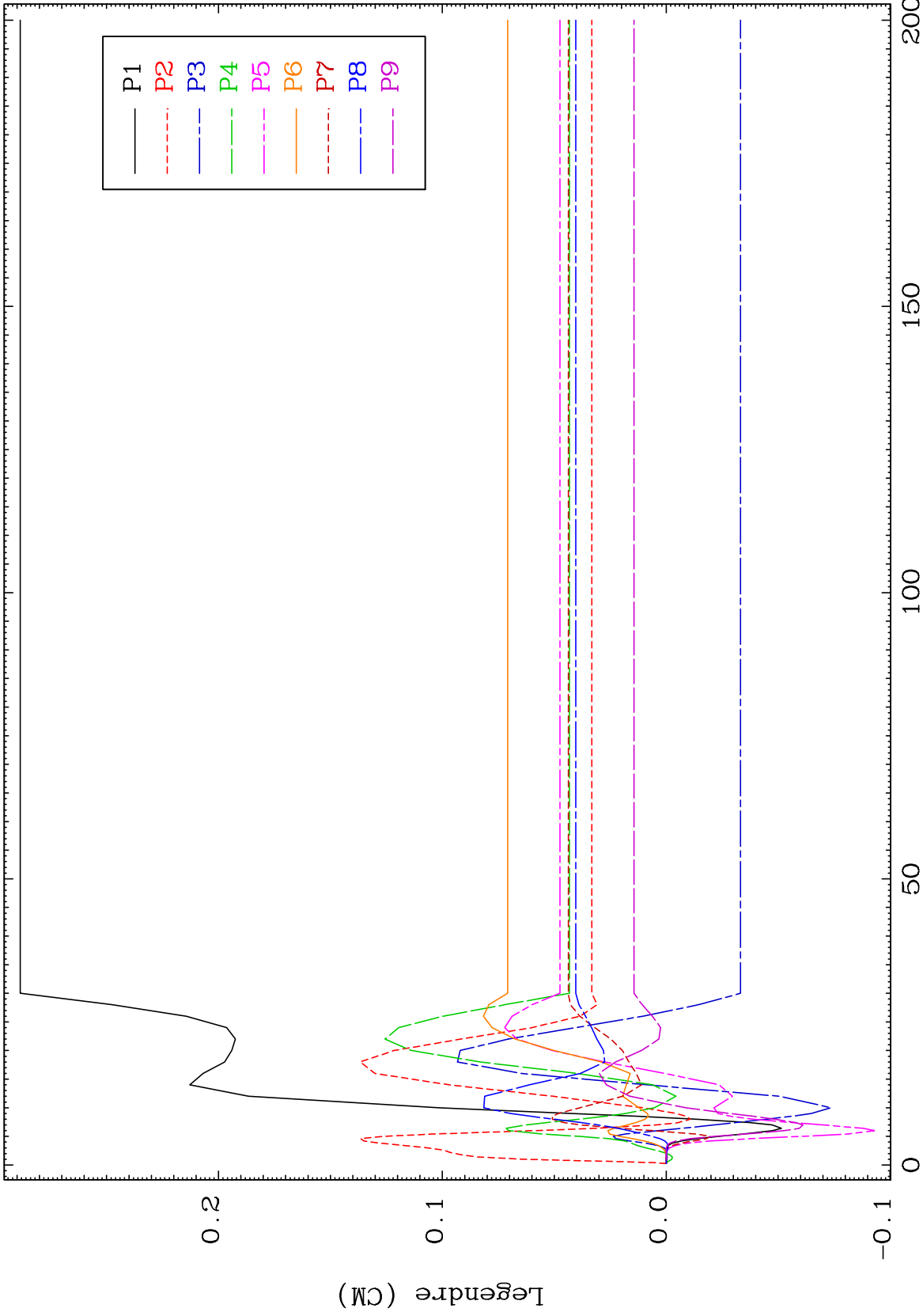
Incident Energy (MeV)

39

MAT 5552

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

55-Cs-142



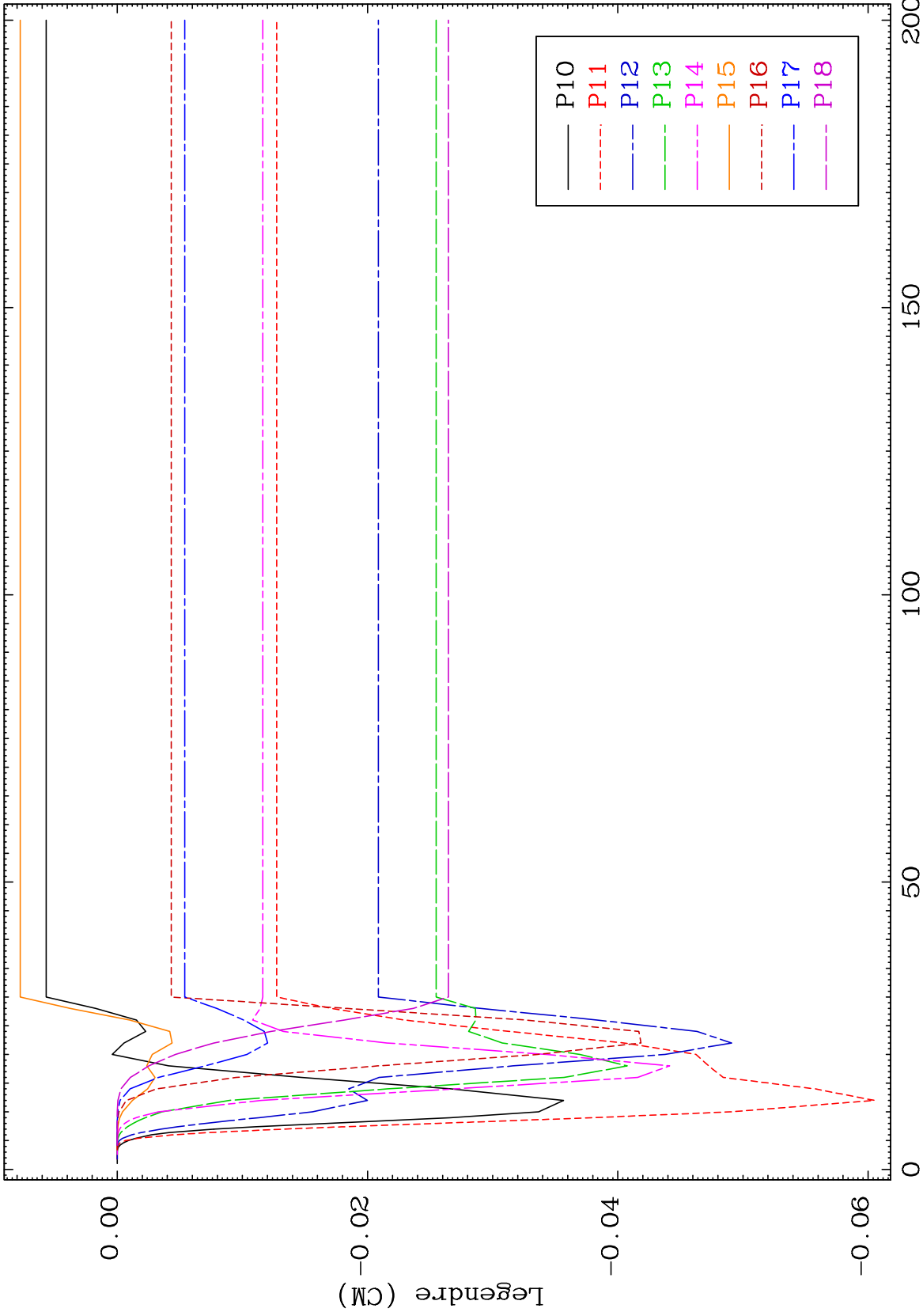
55-Cs-142

Incident Energy (MeV)

MAT 5552

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

55-Cs-142

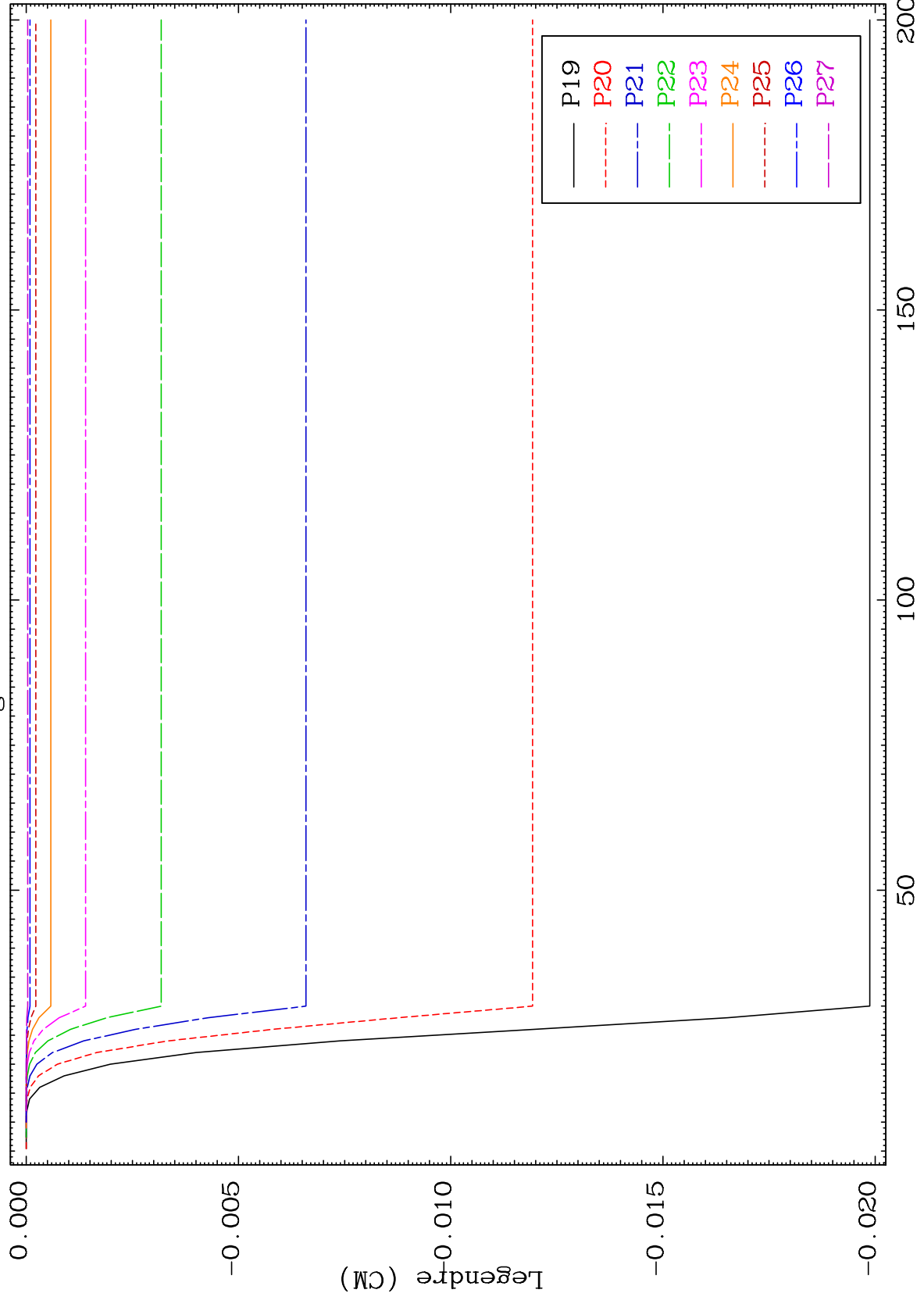


41

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-142

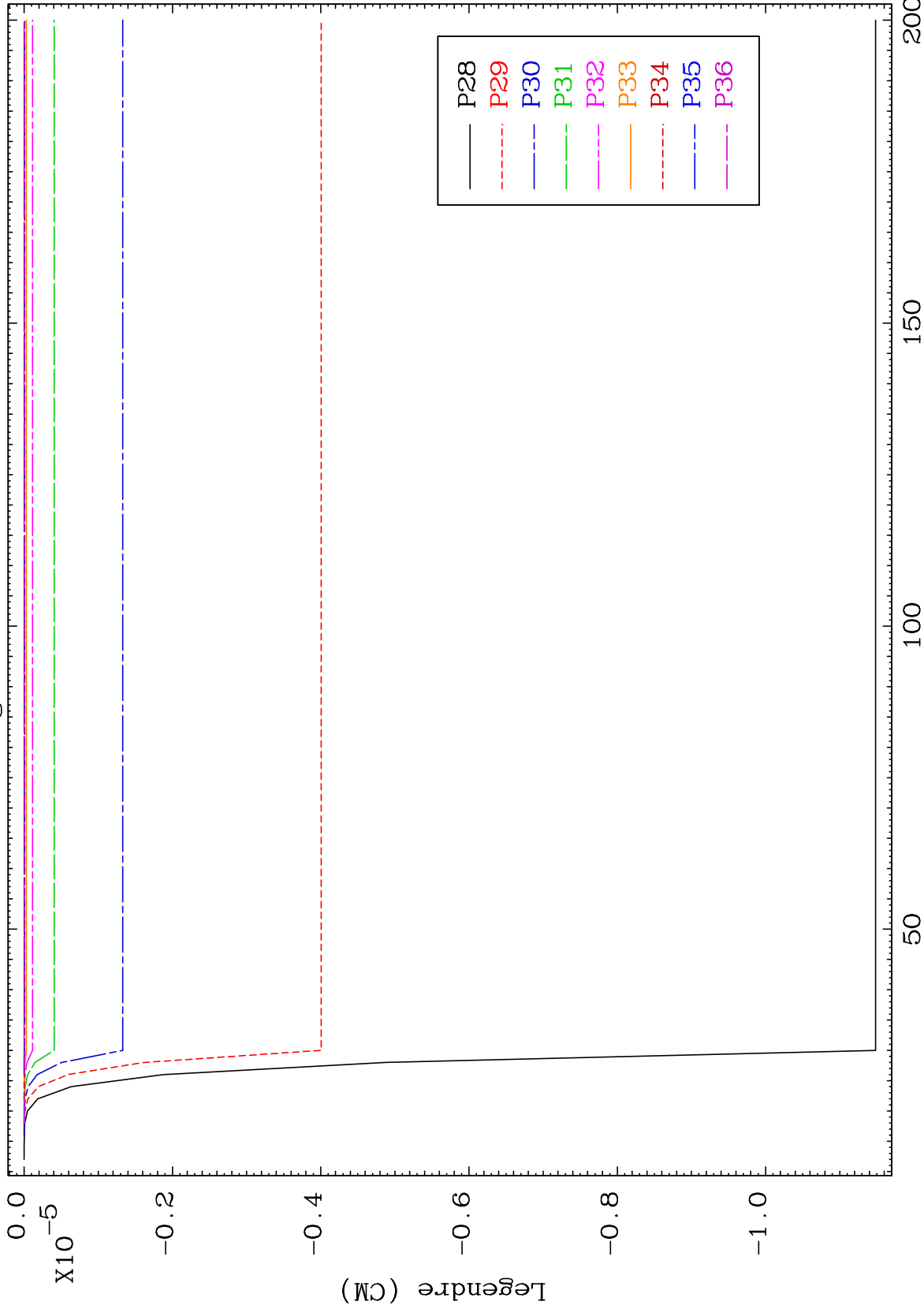


42 Incident Energy (MeV) 55-Cs-142

MAT 5552

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

55-Cs-142

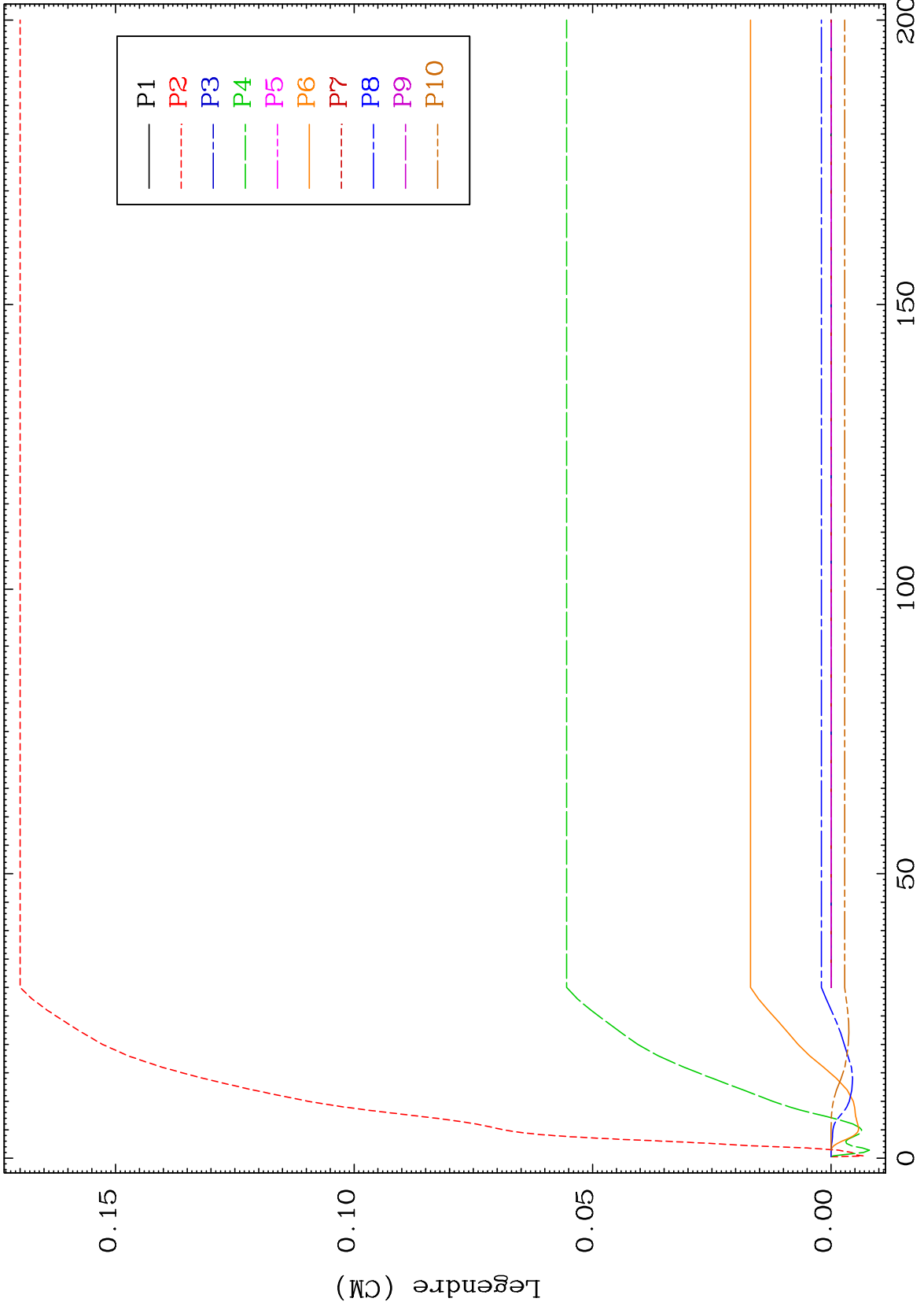


55-Cs-142

Incident Energy (MeV)

43

MAT 5552 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-142

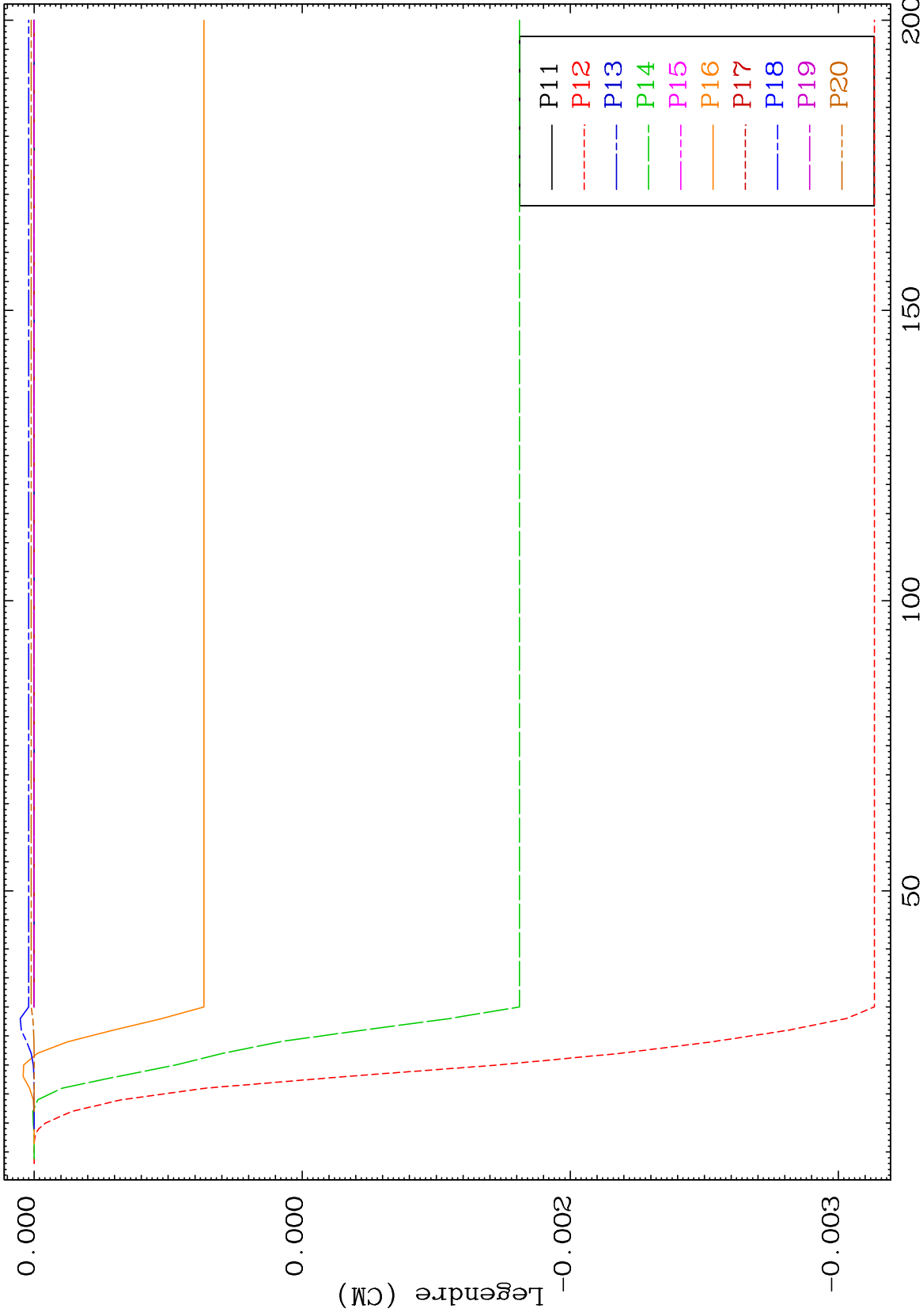


44 55-Cs-142

MAT 5552

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

55-Cs-142

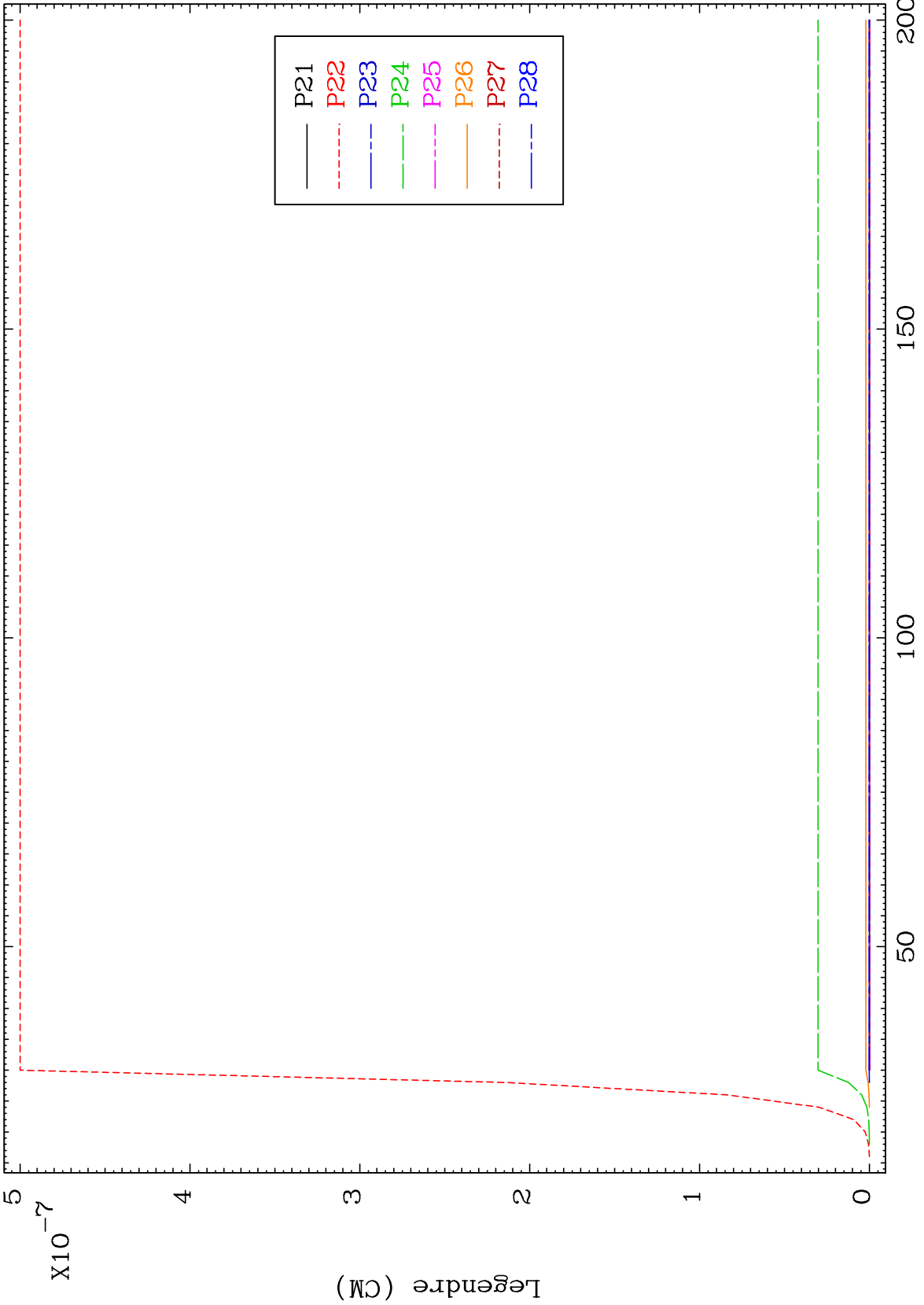


45

Incident Energy (MeV)

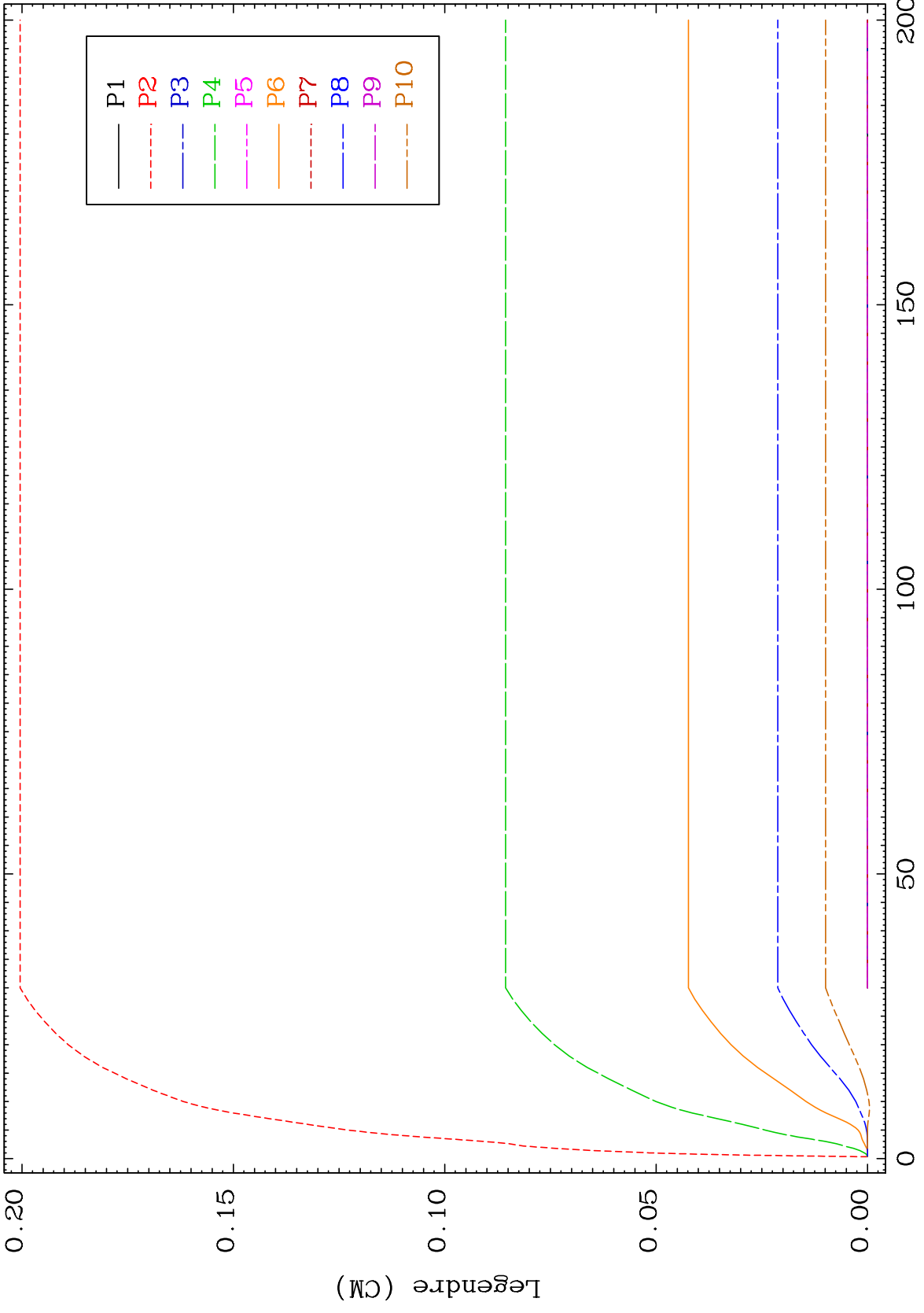
55-Cs-142

MAT 5552 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-142



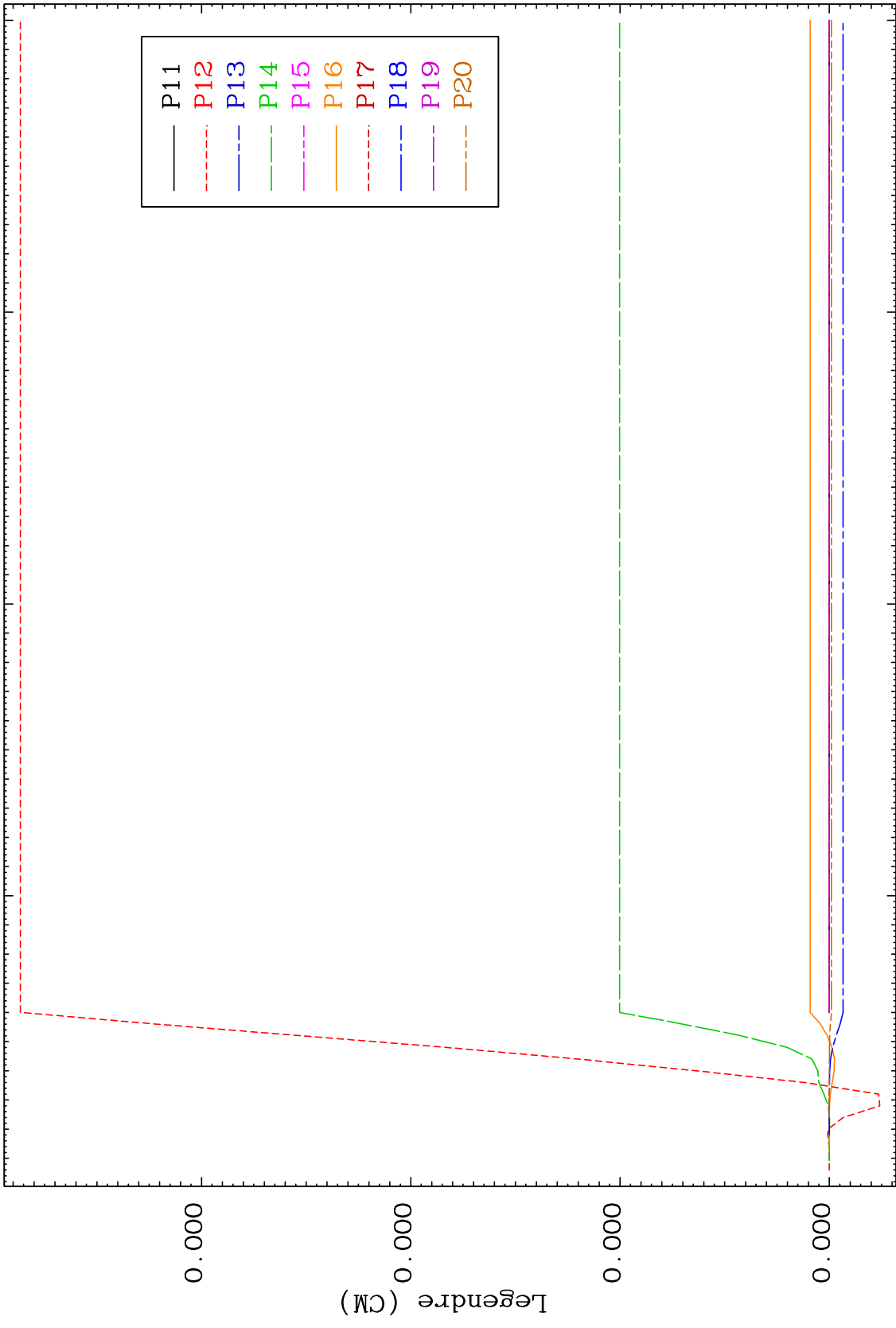
46 50 100 150 200 55-Cs-142

MAT 5552 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-142

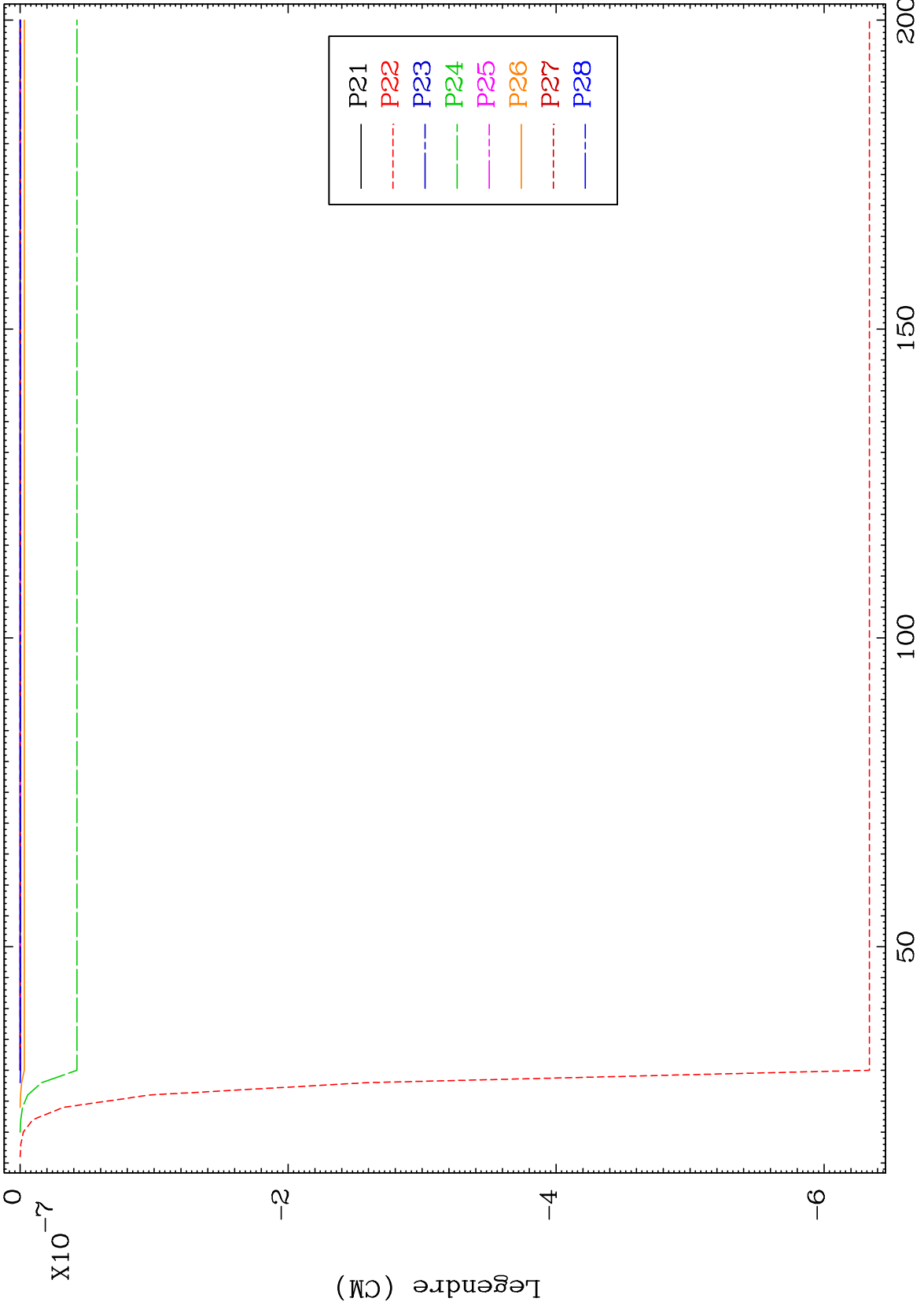


47 55-Cs-142

MAT 5552 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-142



MAT 5552 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-142

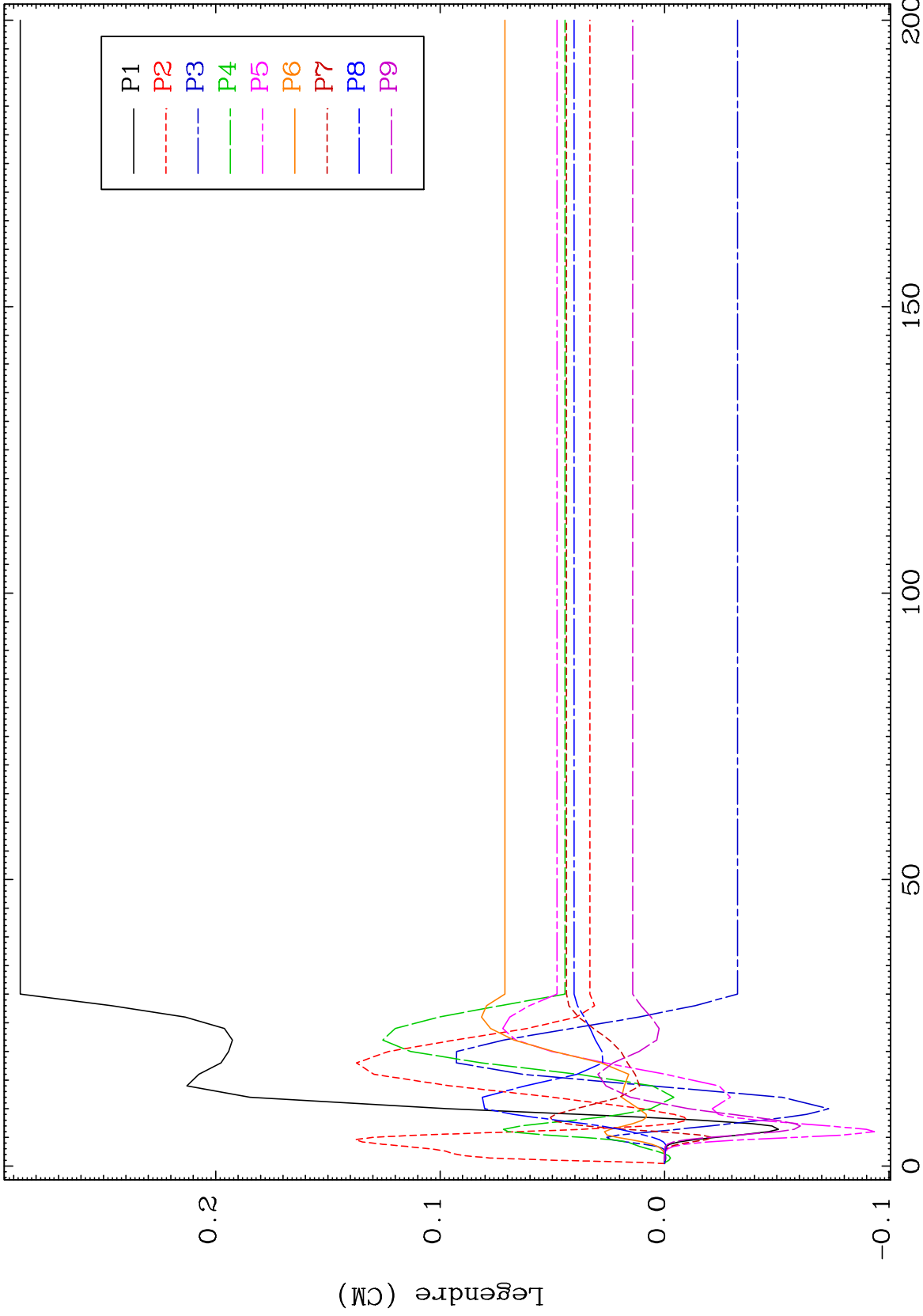


49 55-Cs-142

MAT 5552

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

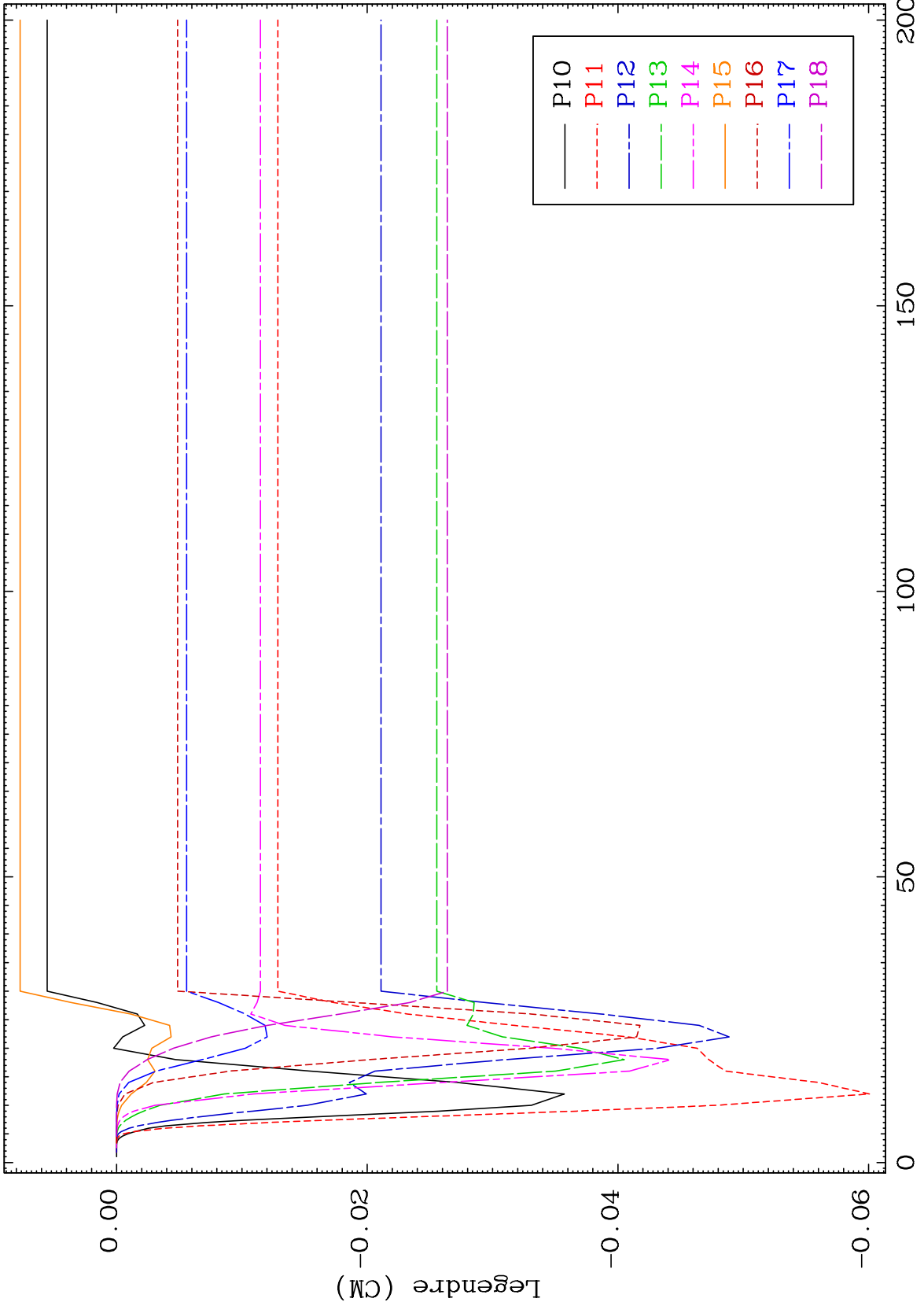
55-Cs-142



55-Cs-142

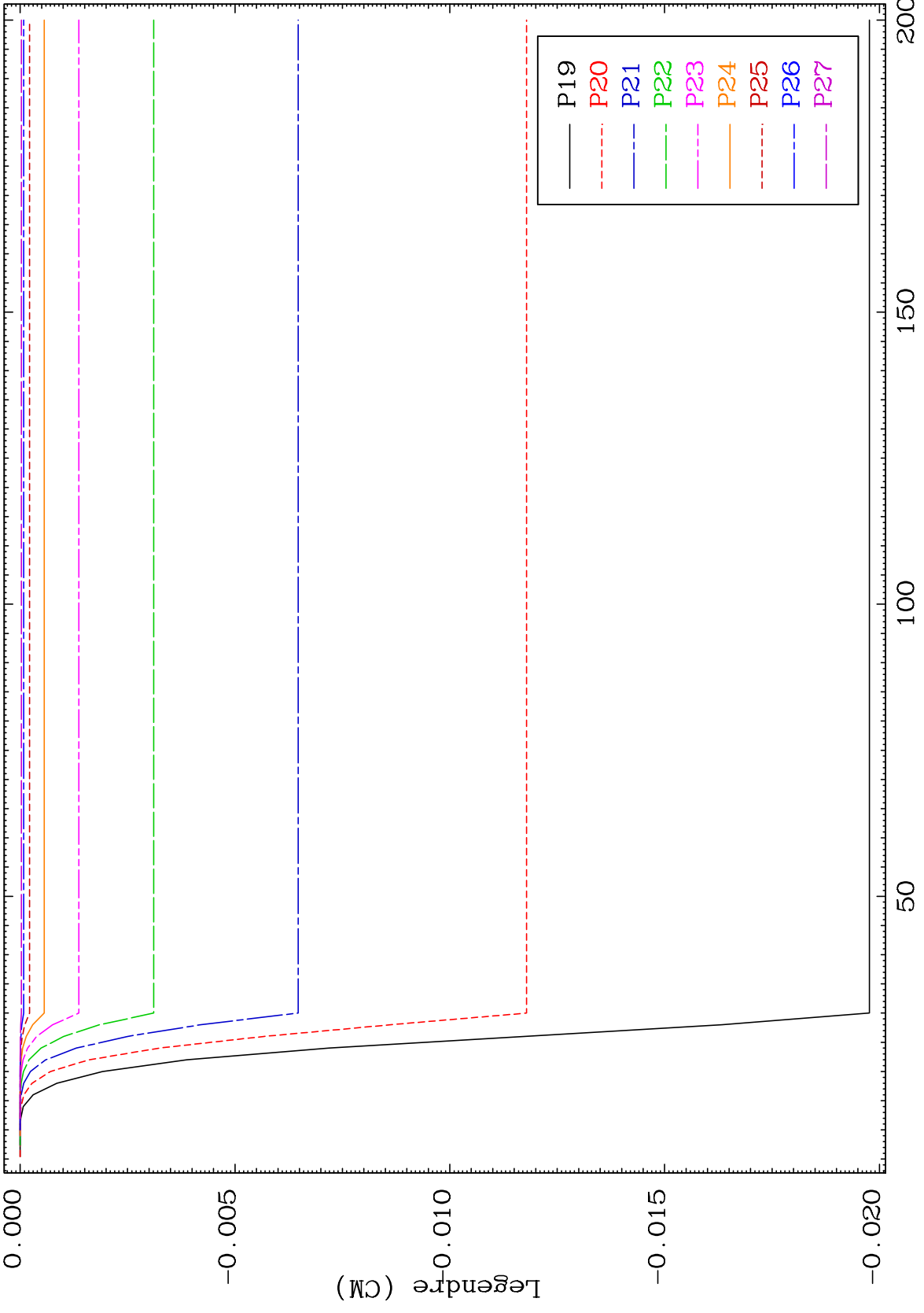
Incident Energy (MeV)

MAT 5552 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-142



51 55-Cs-142

MAT 5552 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-142

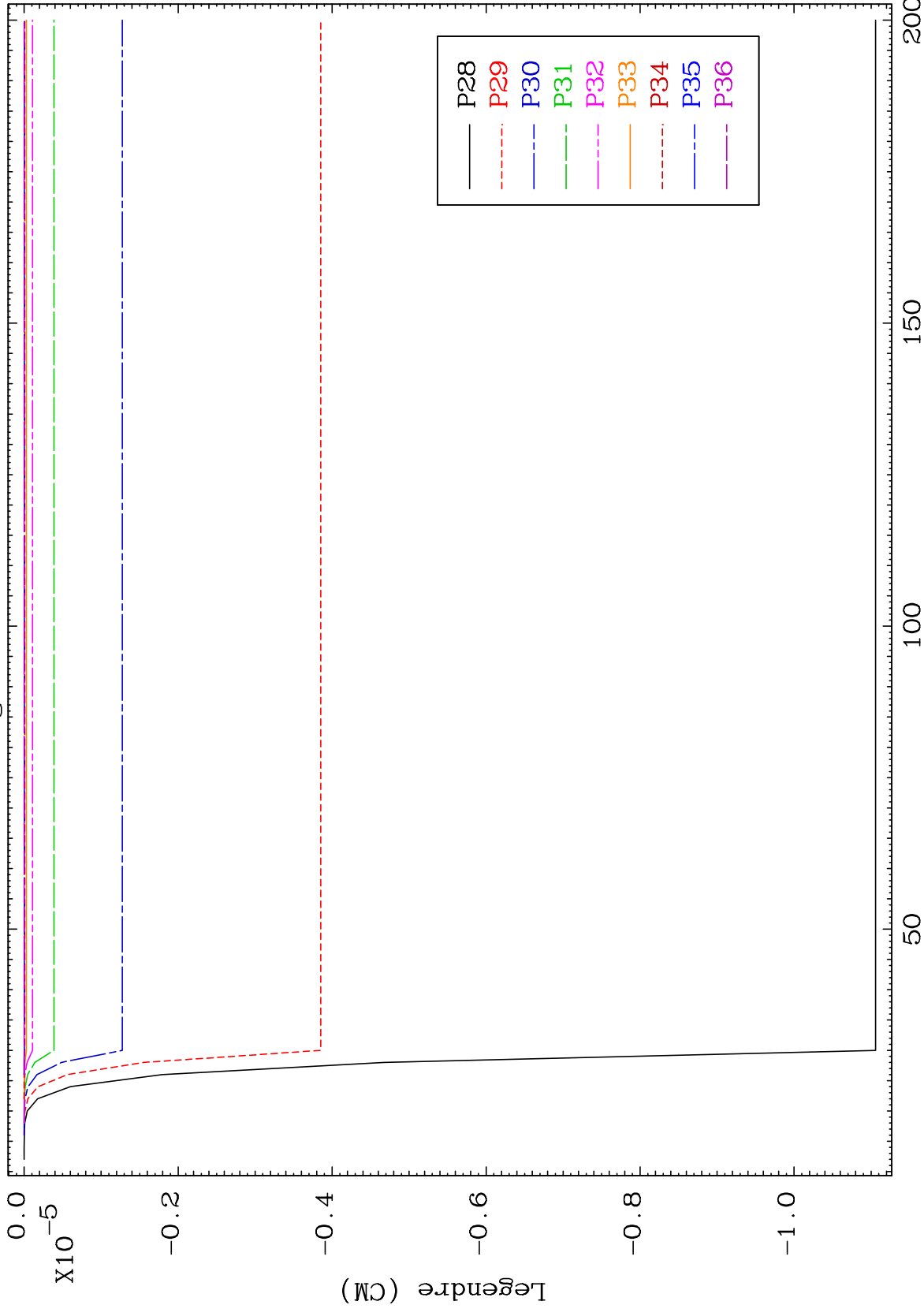


52 55-Cs-142

MAT 5552

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

55-Cs-142

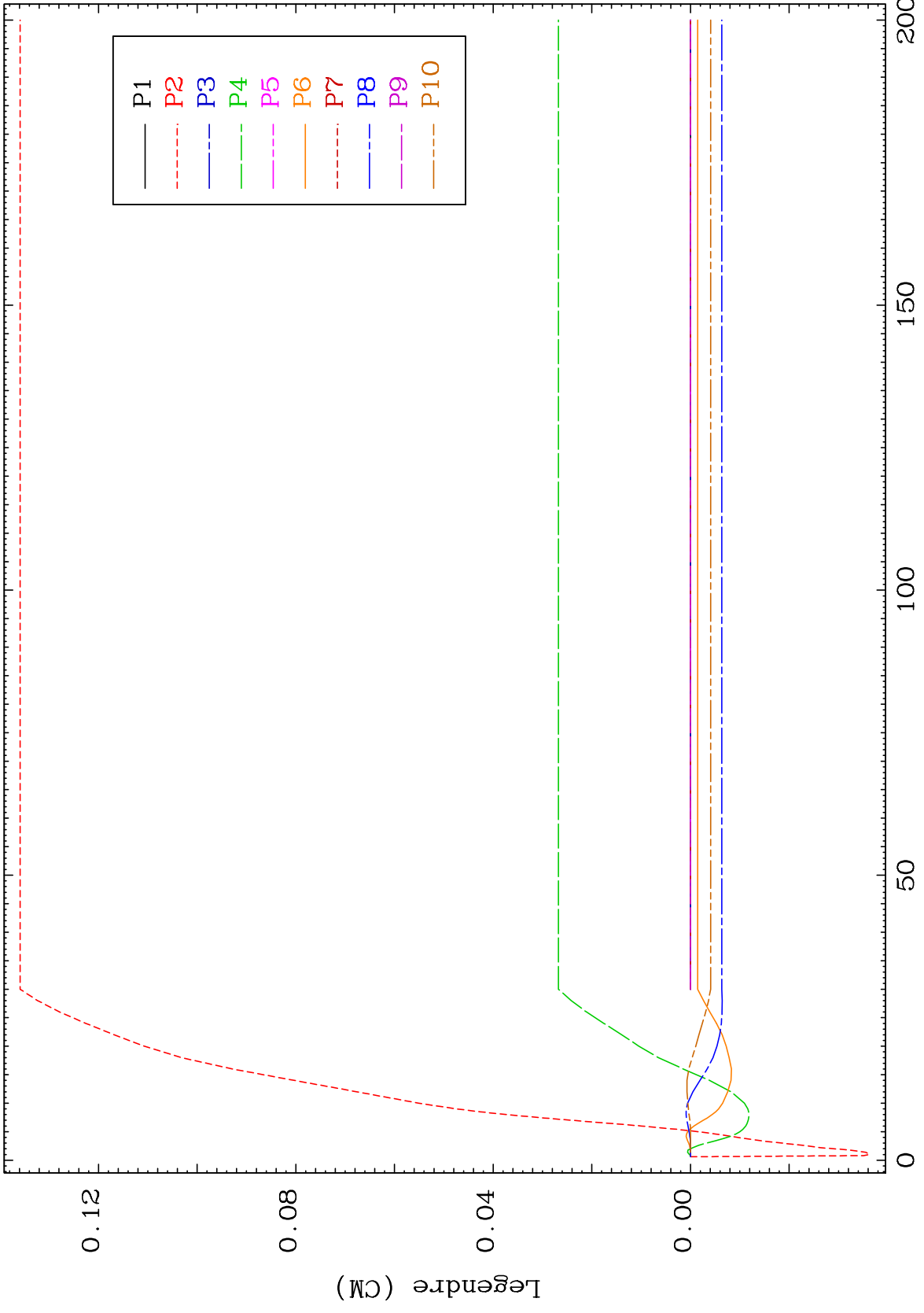


55-Cs-142

Incident Energy (MeV)

53

MAT 5552 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-142

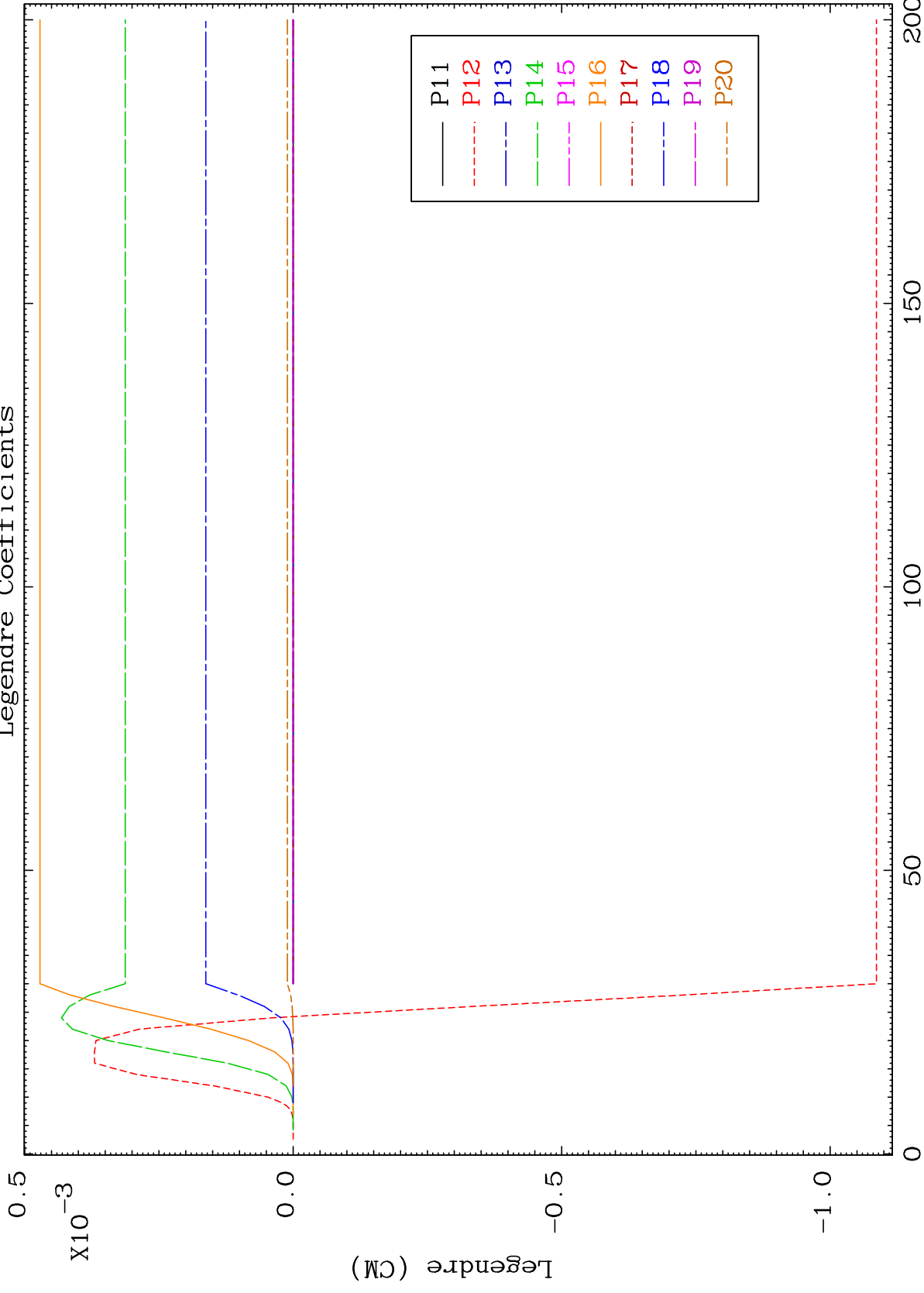


54 55-Cs-142

MAT 5552

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

55-Cs-142

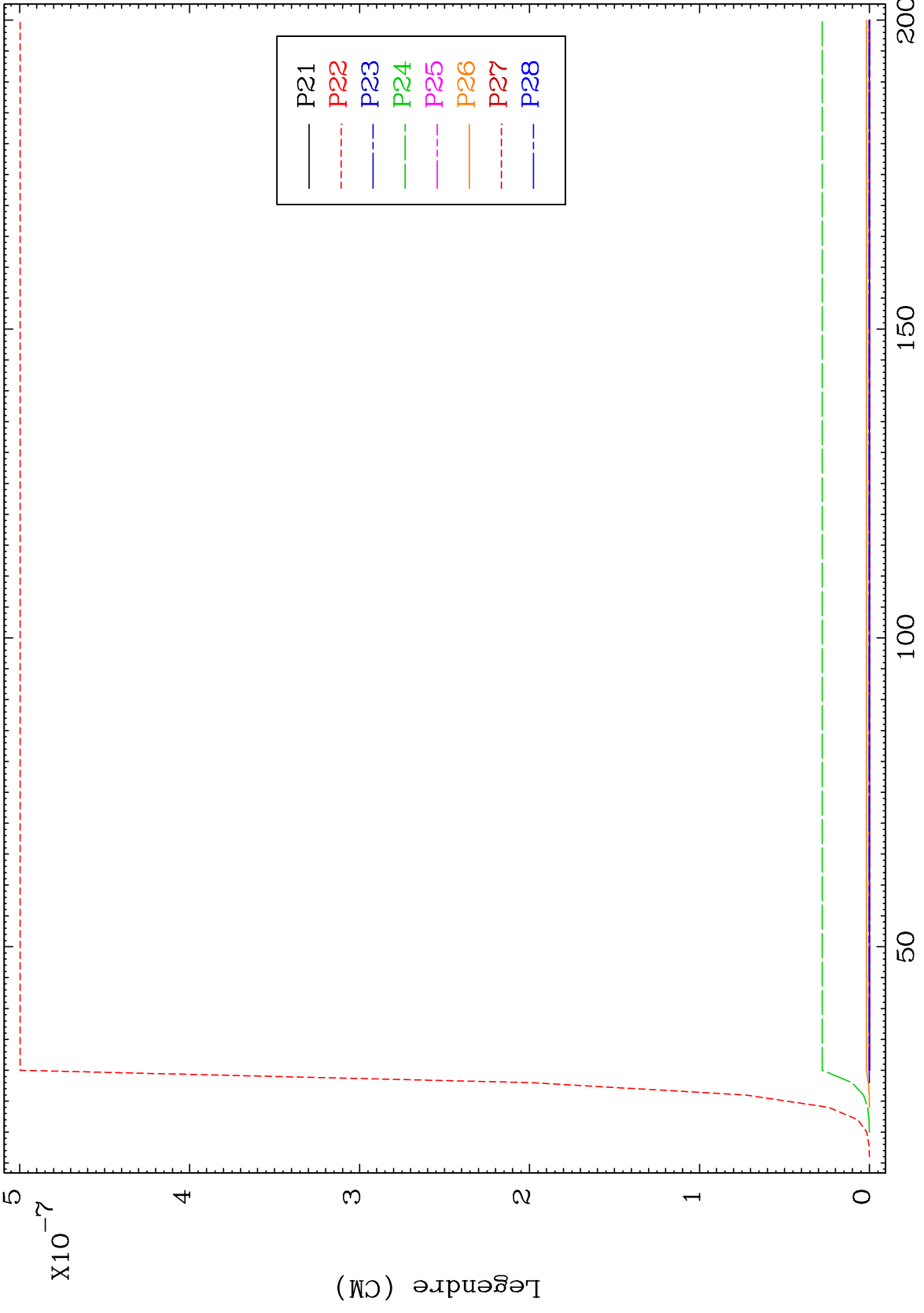


55-Cs-142

Incident Energy (MeV)

55

MAT 5552 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-142

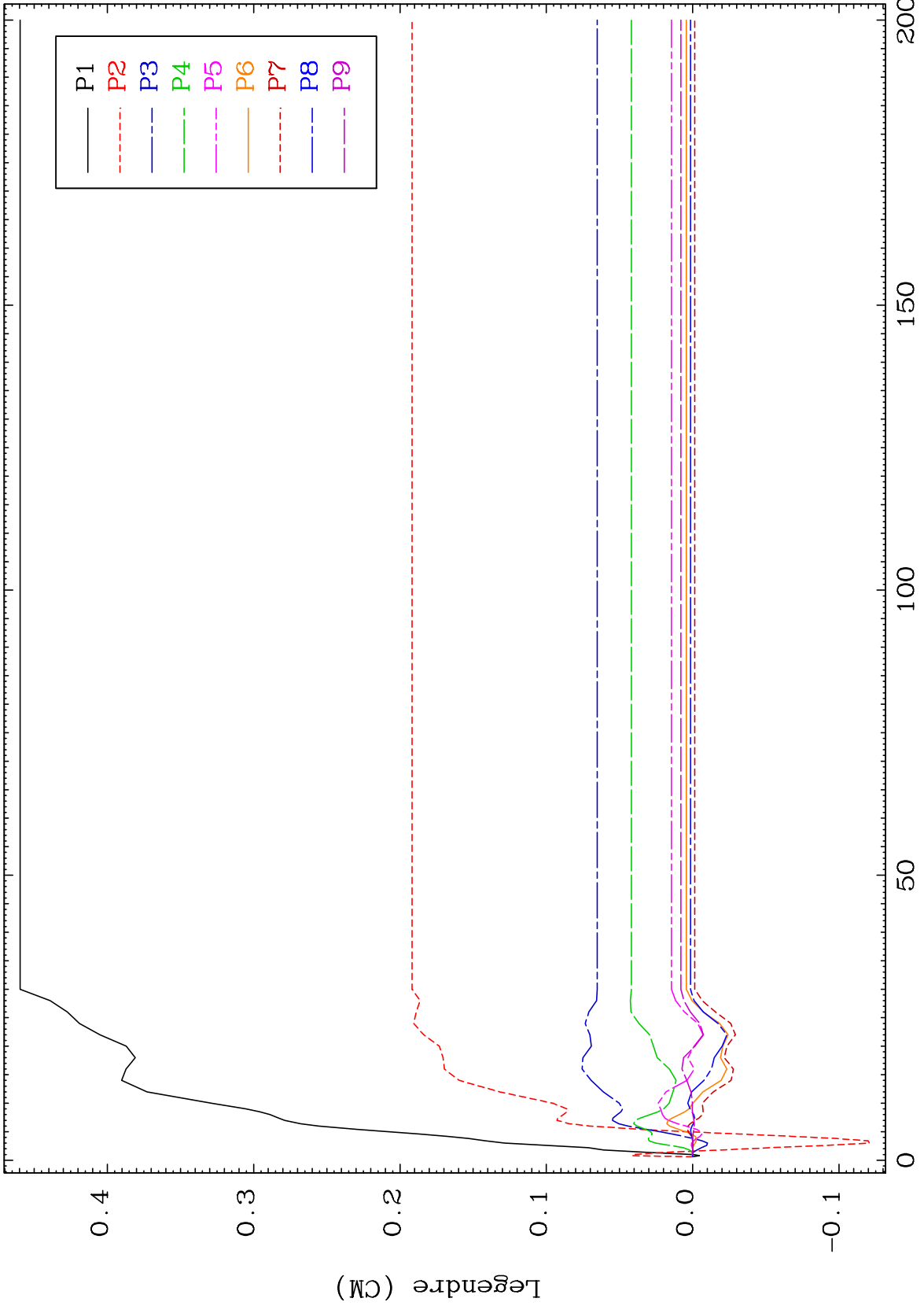


56 55-Cs-142

MAT 5552

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

55-Cs-142



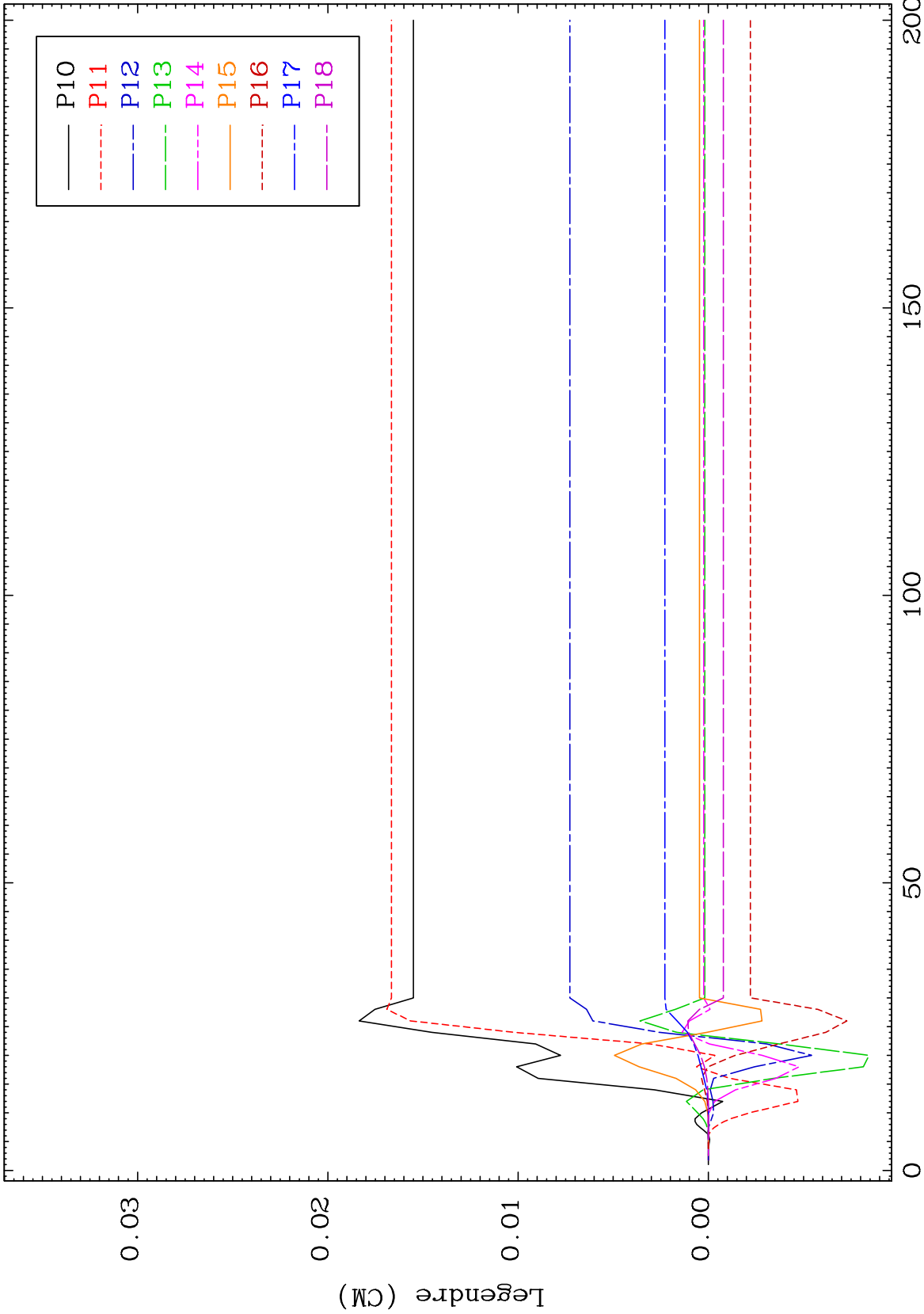
57

55-Cs-142

MAT 5552

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

55-Cs-142



58

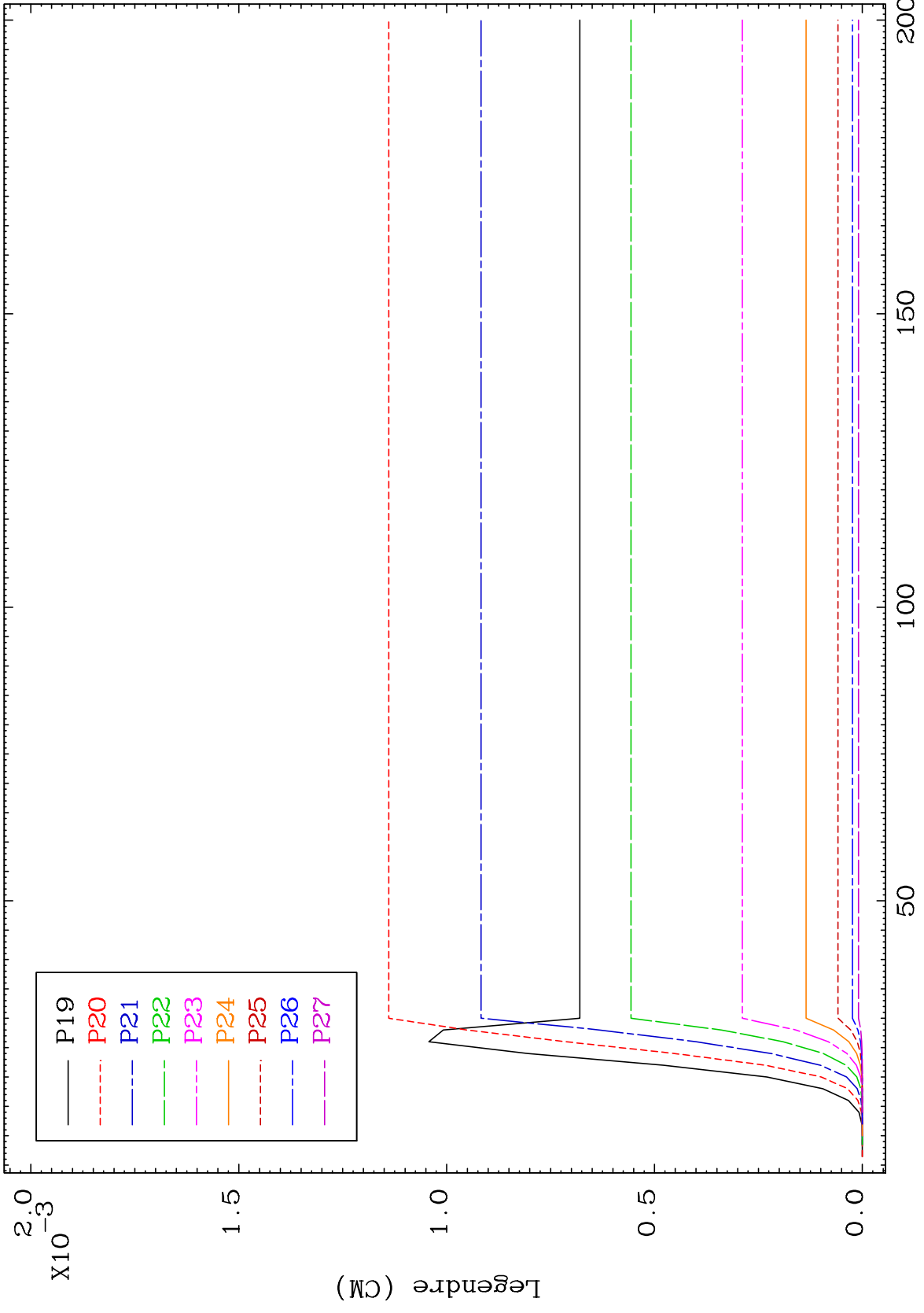
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



59

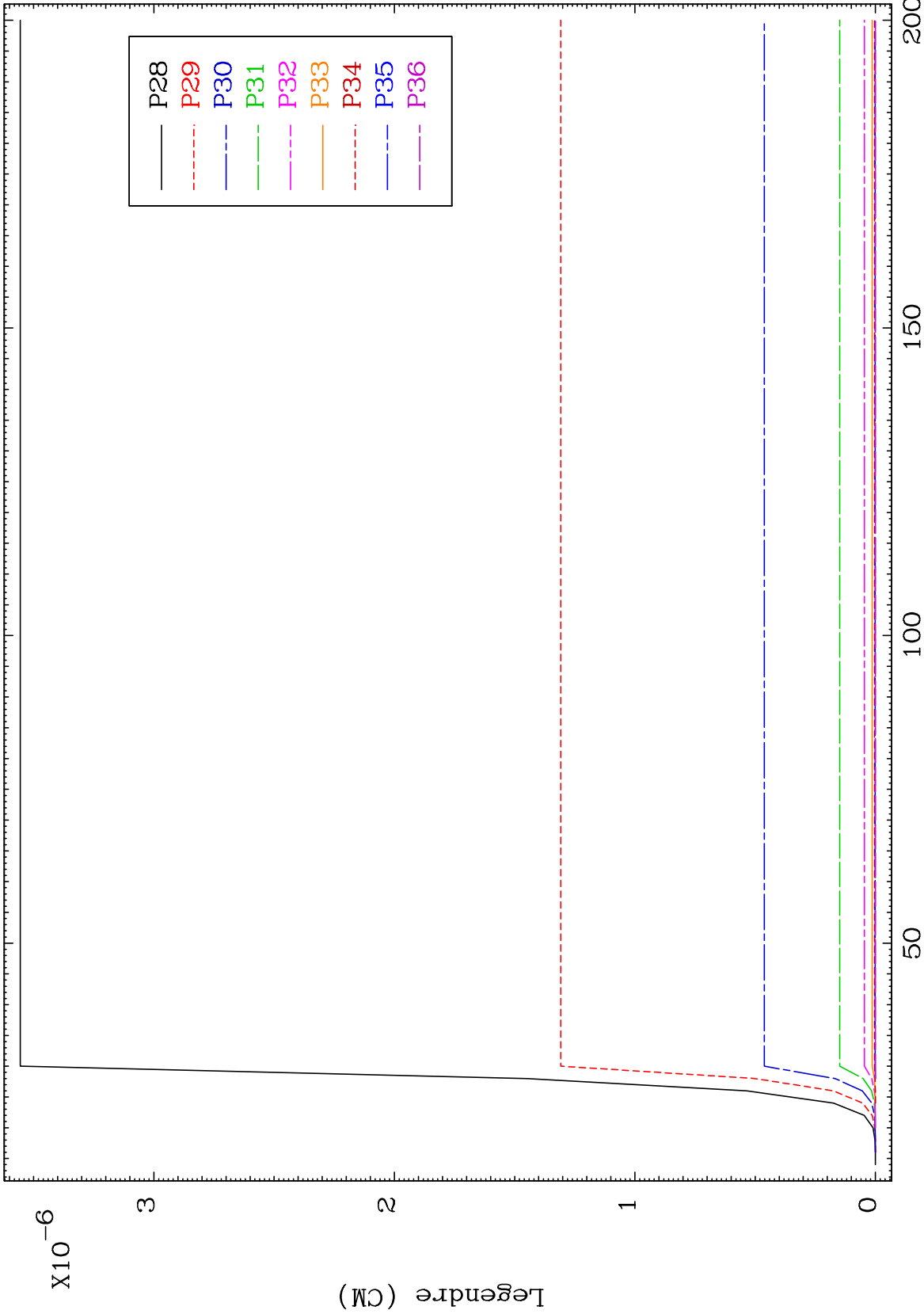
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



60

50

100

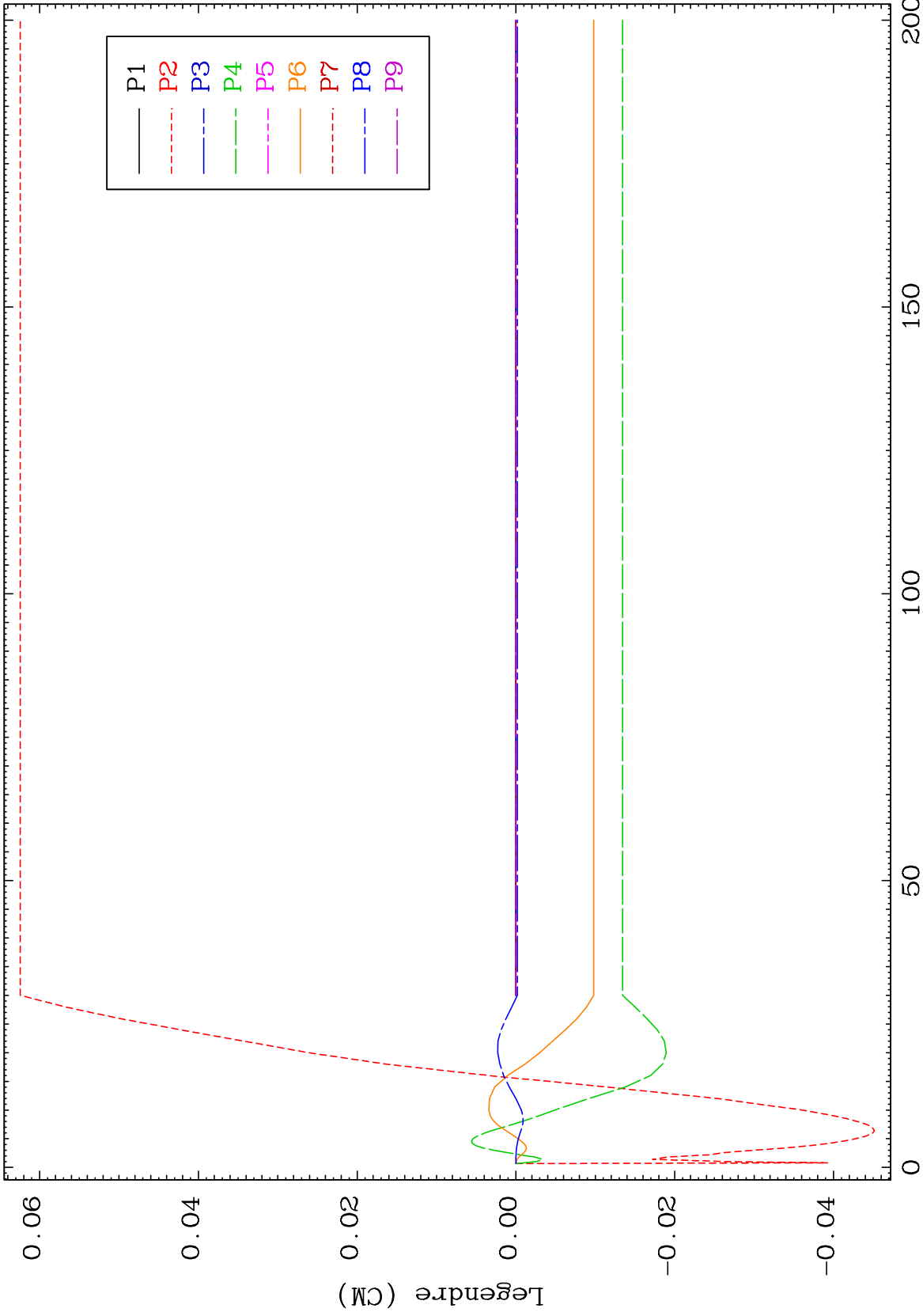
150

200

MAT 5552

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

55-Cs-142

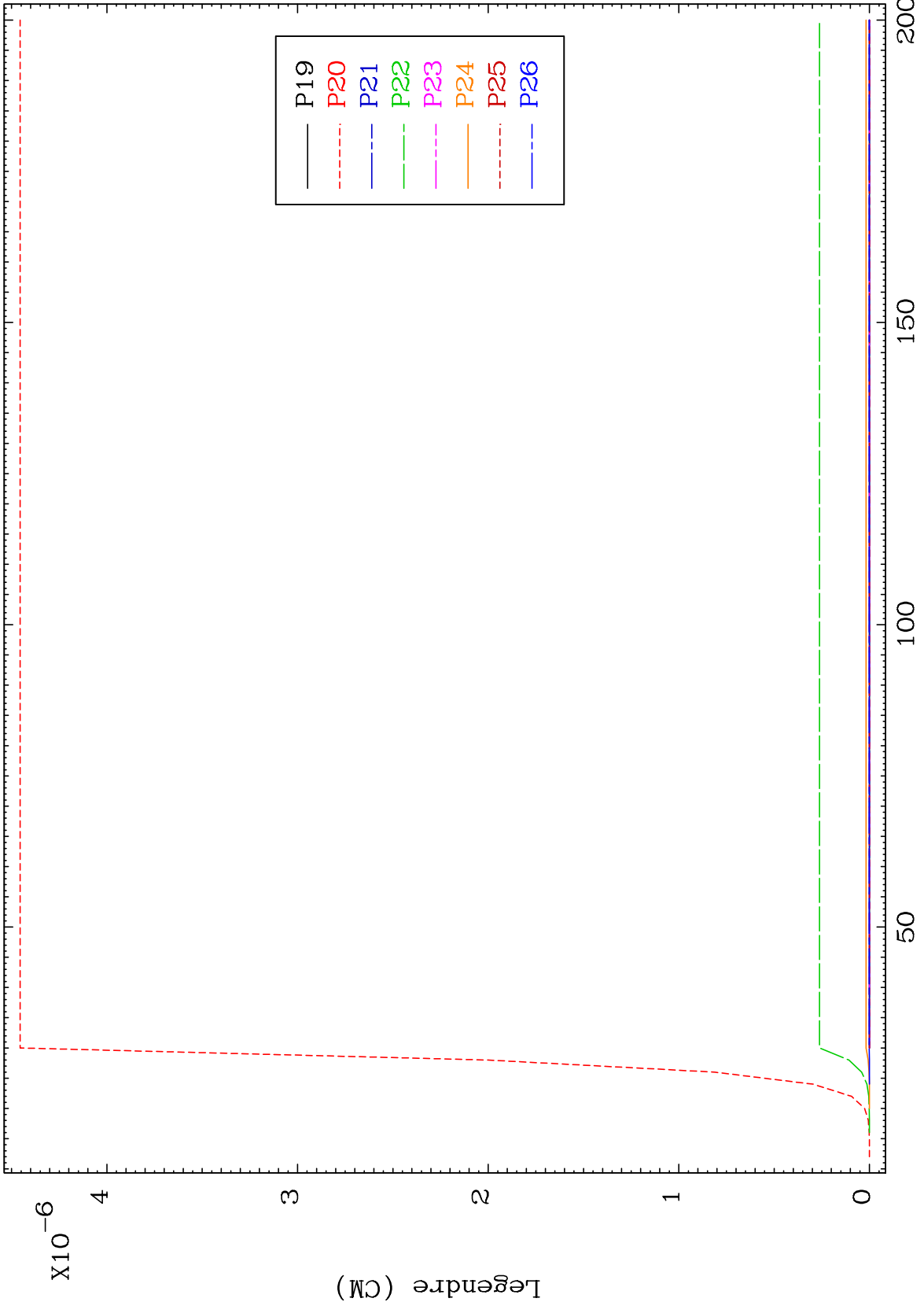


61

Incident Energy (MeV)

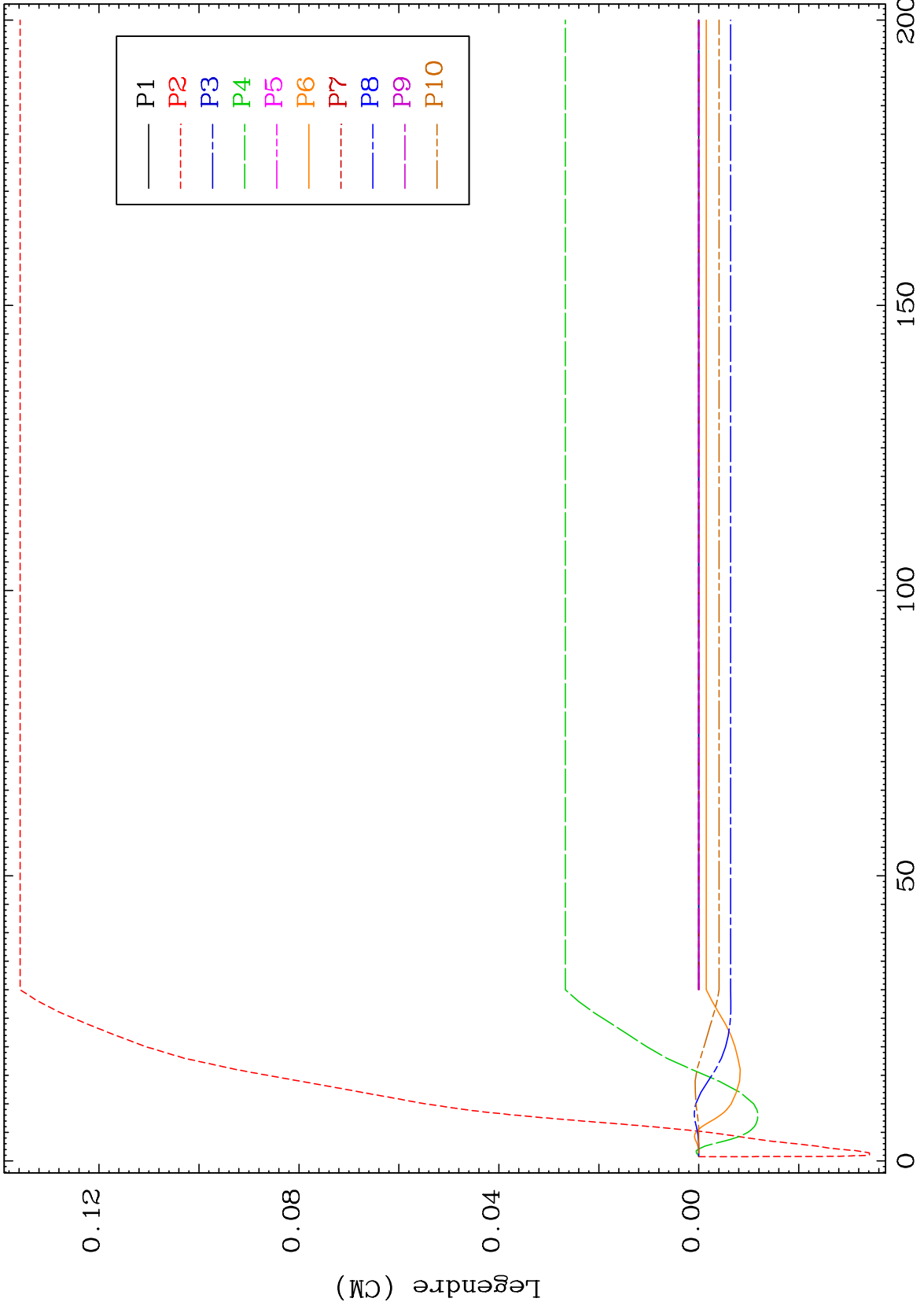
55-Cs-142

MAT 5552 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-142



63 55-Cs-142

MAT 5552 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-142

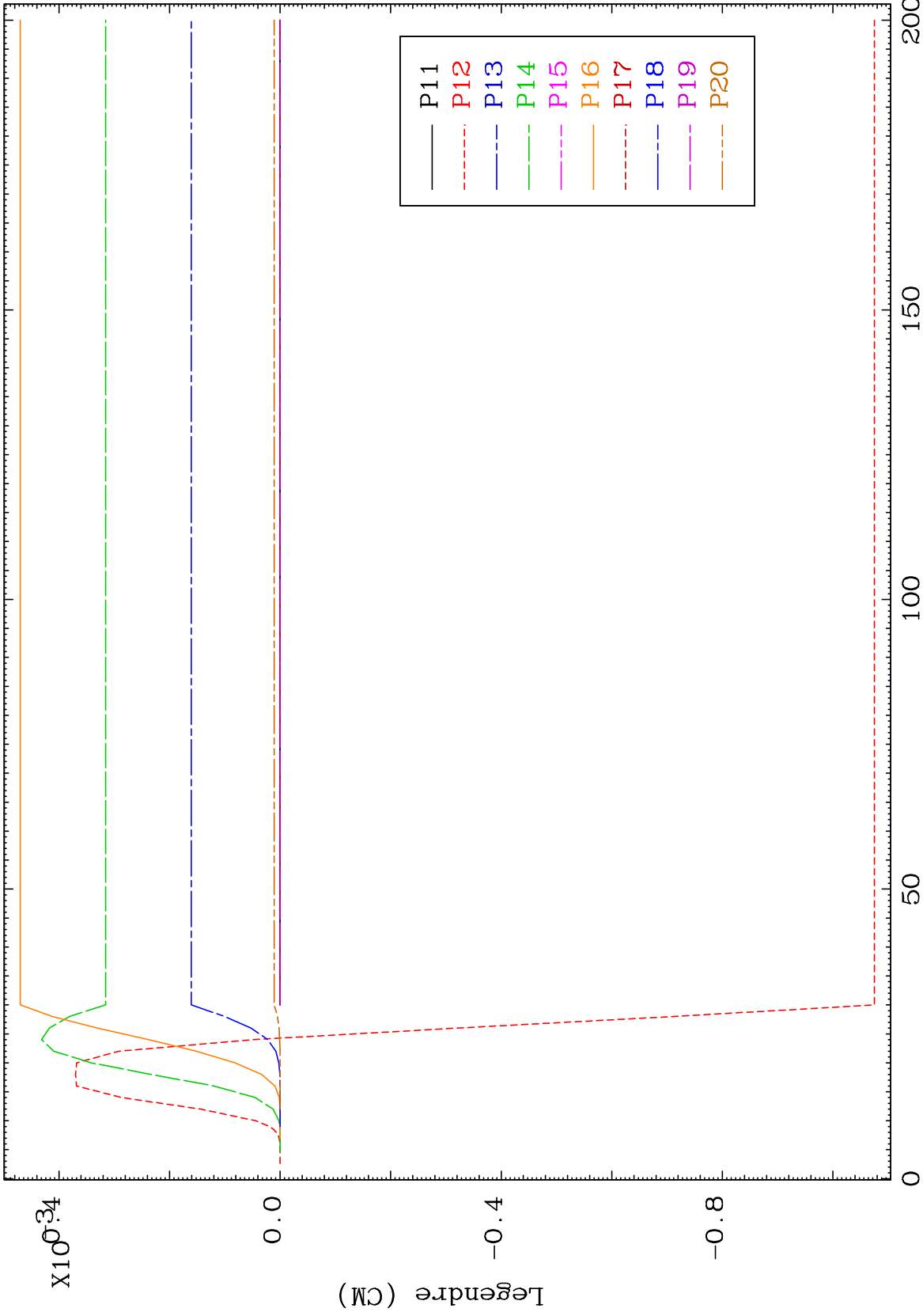


64 55-Cs-142

MAT 5552

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

55-Cs-142



65

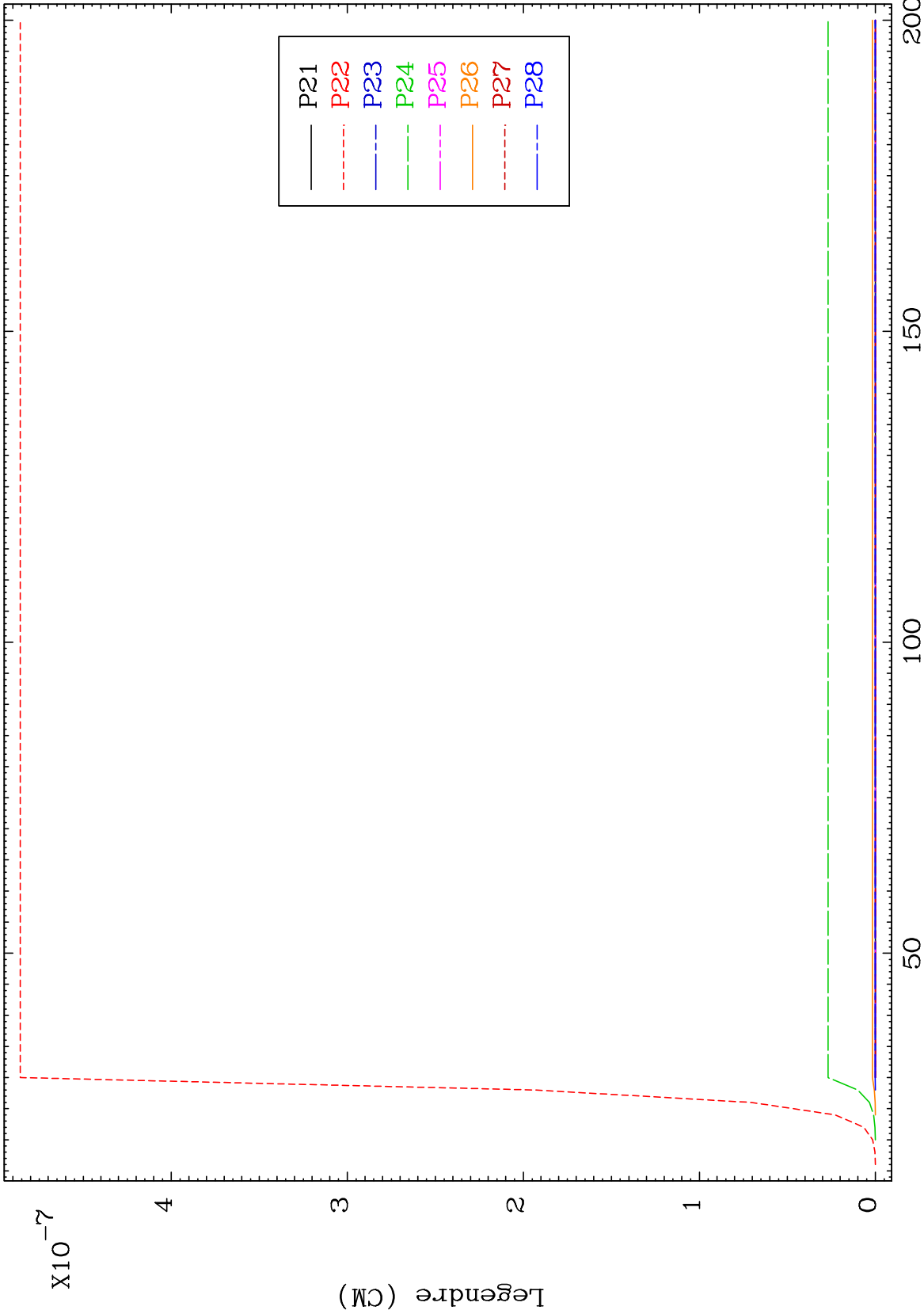
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

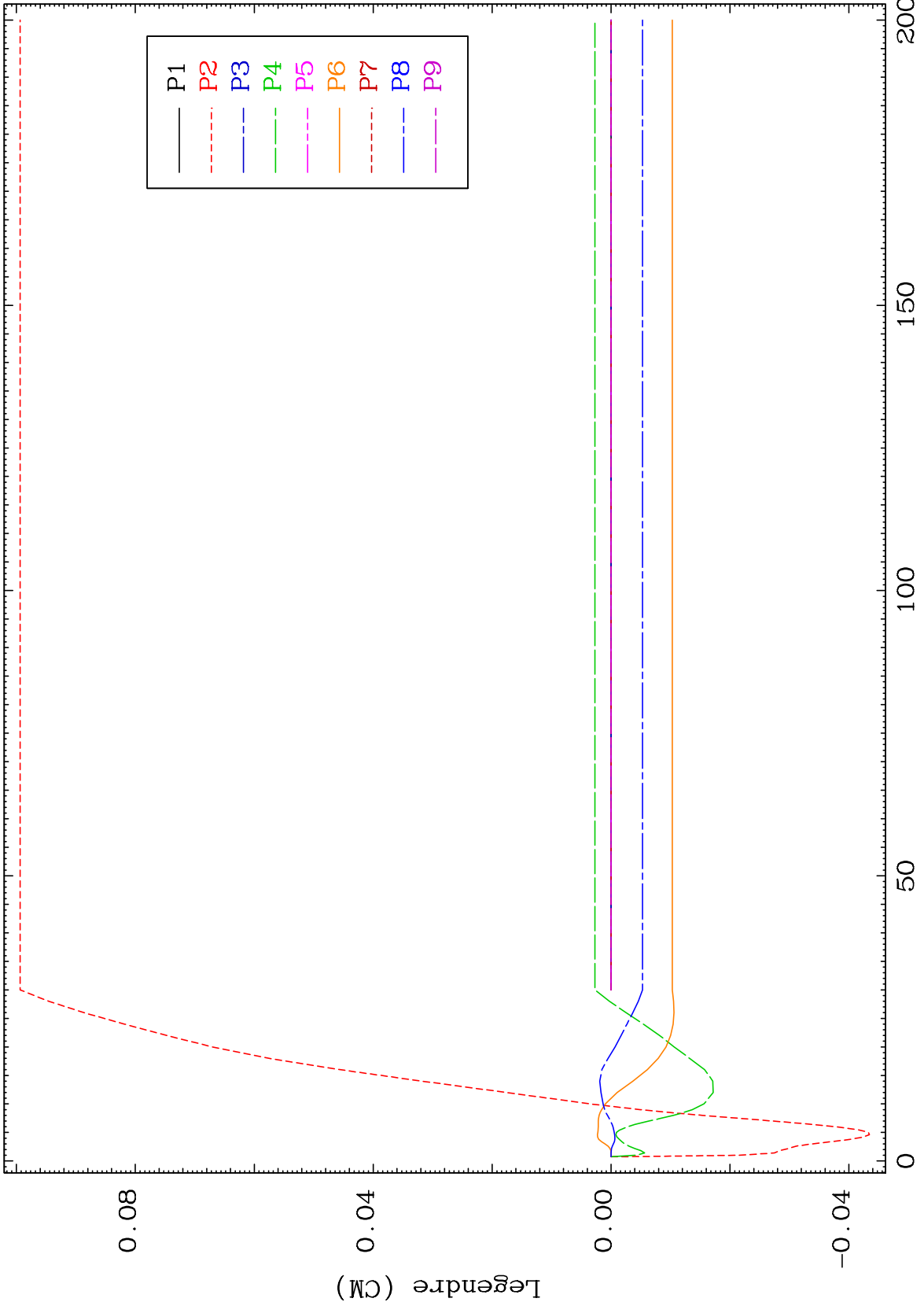


66

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-142

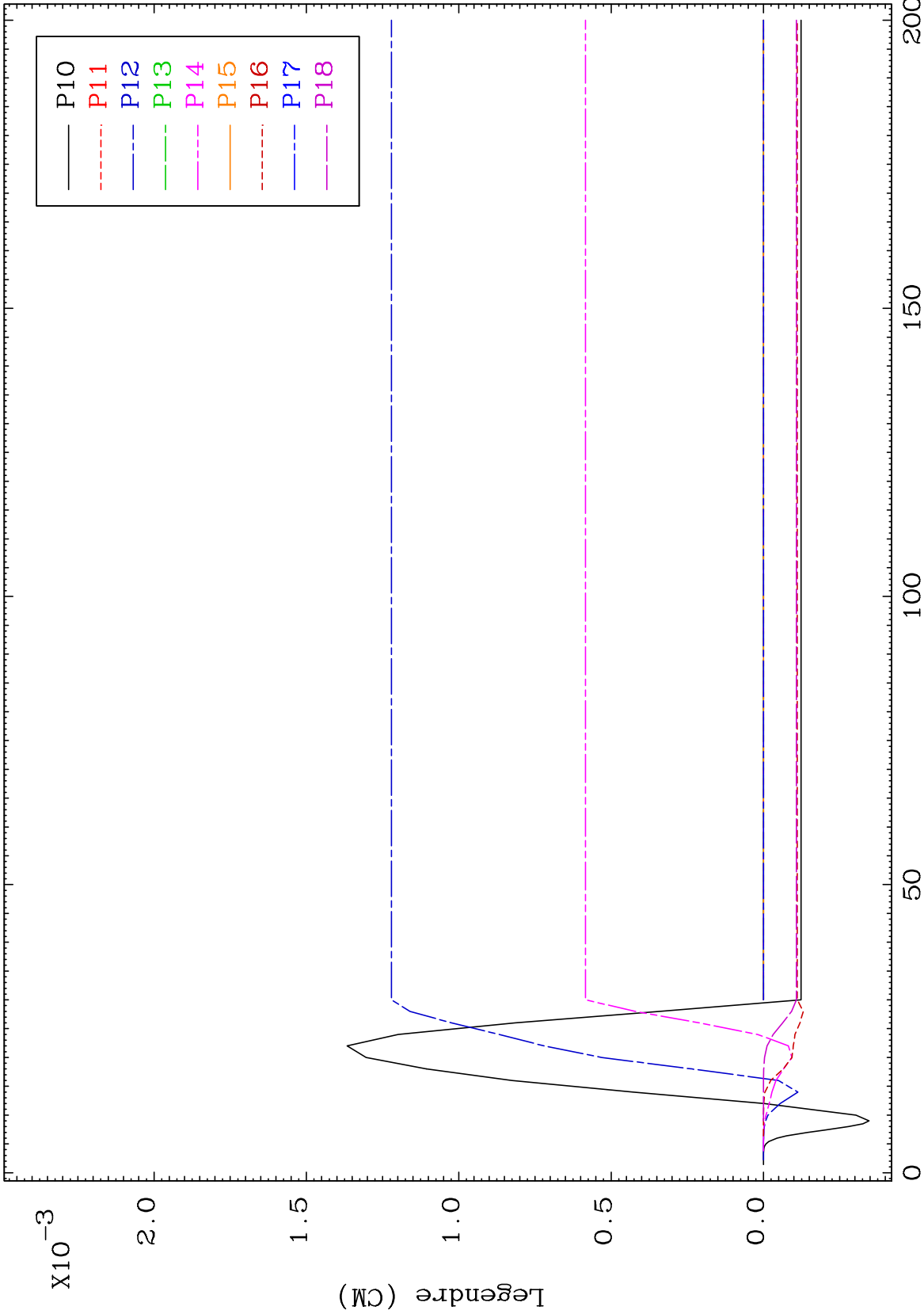


67 55-Cs-142

MAT 5552

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

55-Cs-142



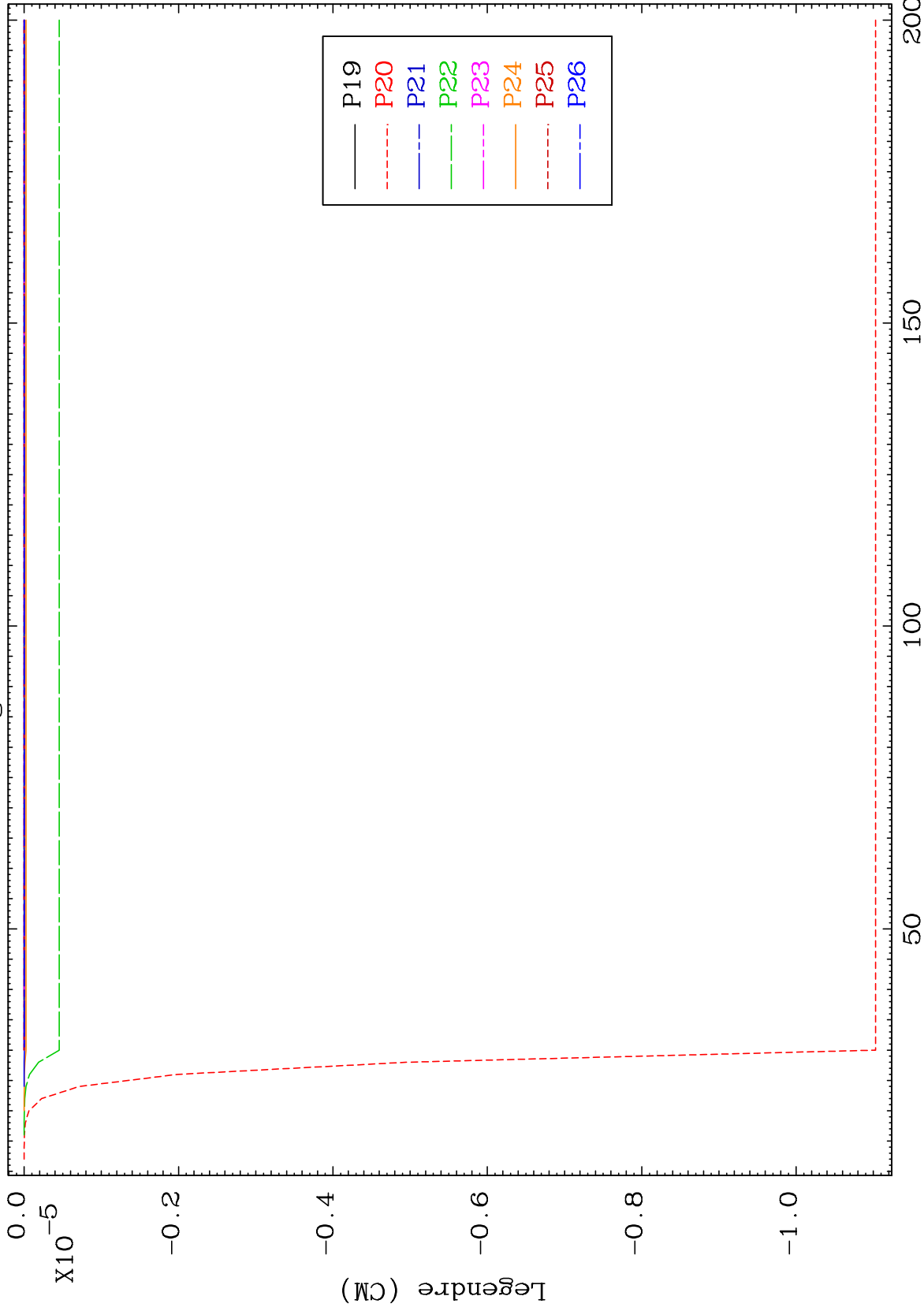
68

55-Cs-142

MAT 5552 MT= 65 (n,n') Level

55-Cs-142

Legendre Coefficients



55-Cs-142

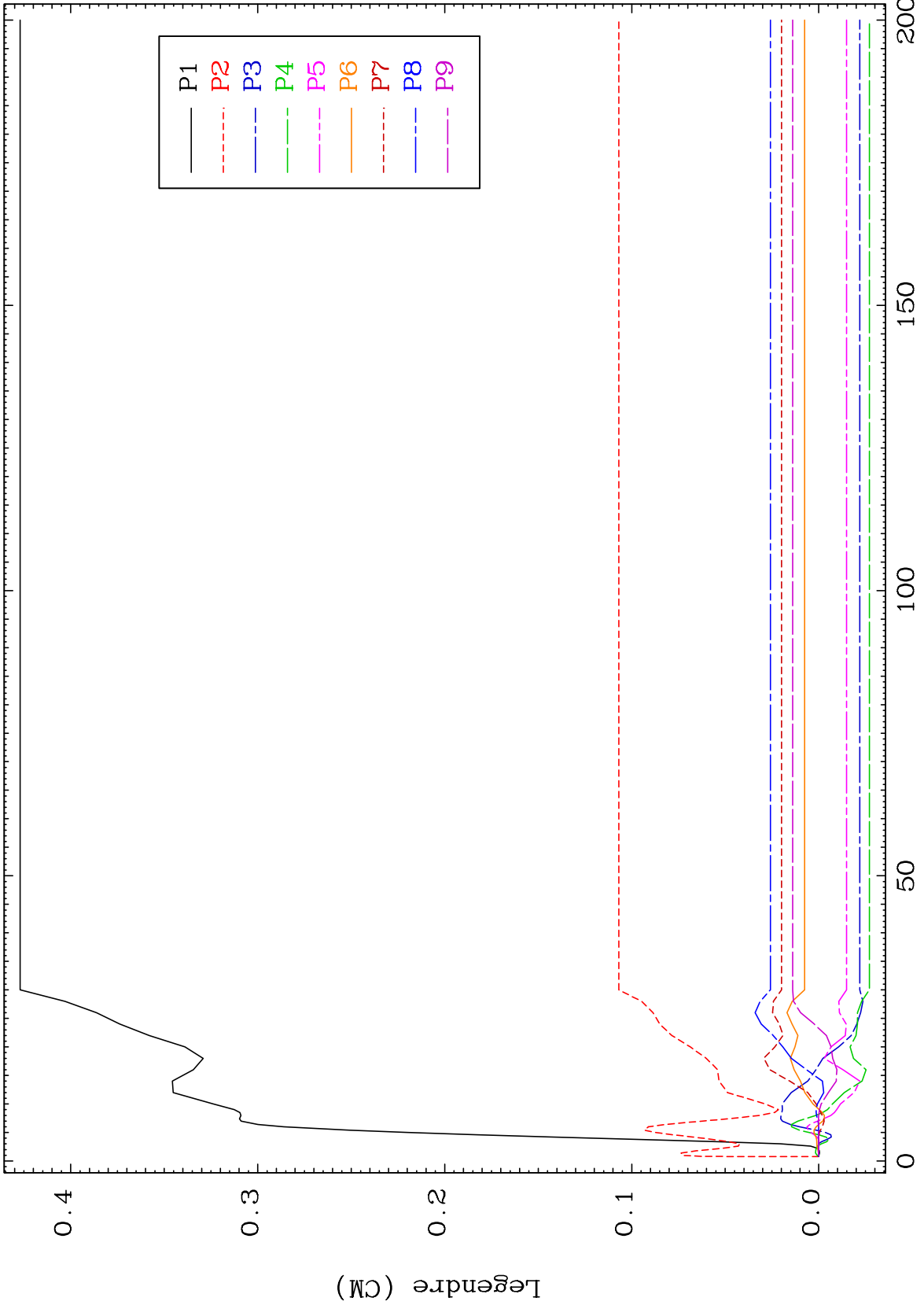
Incident Energy (MeV)

69

MAT 5552

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

55-Cs-142

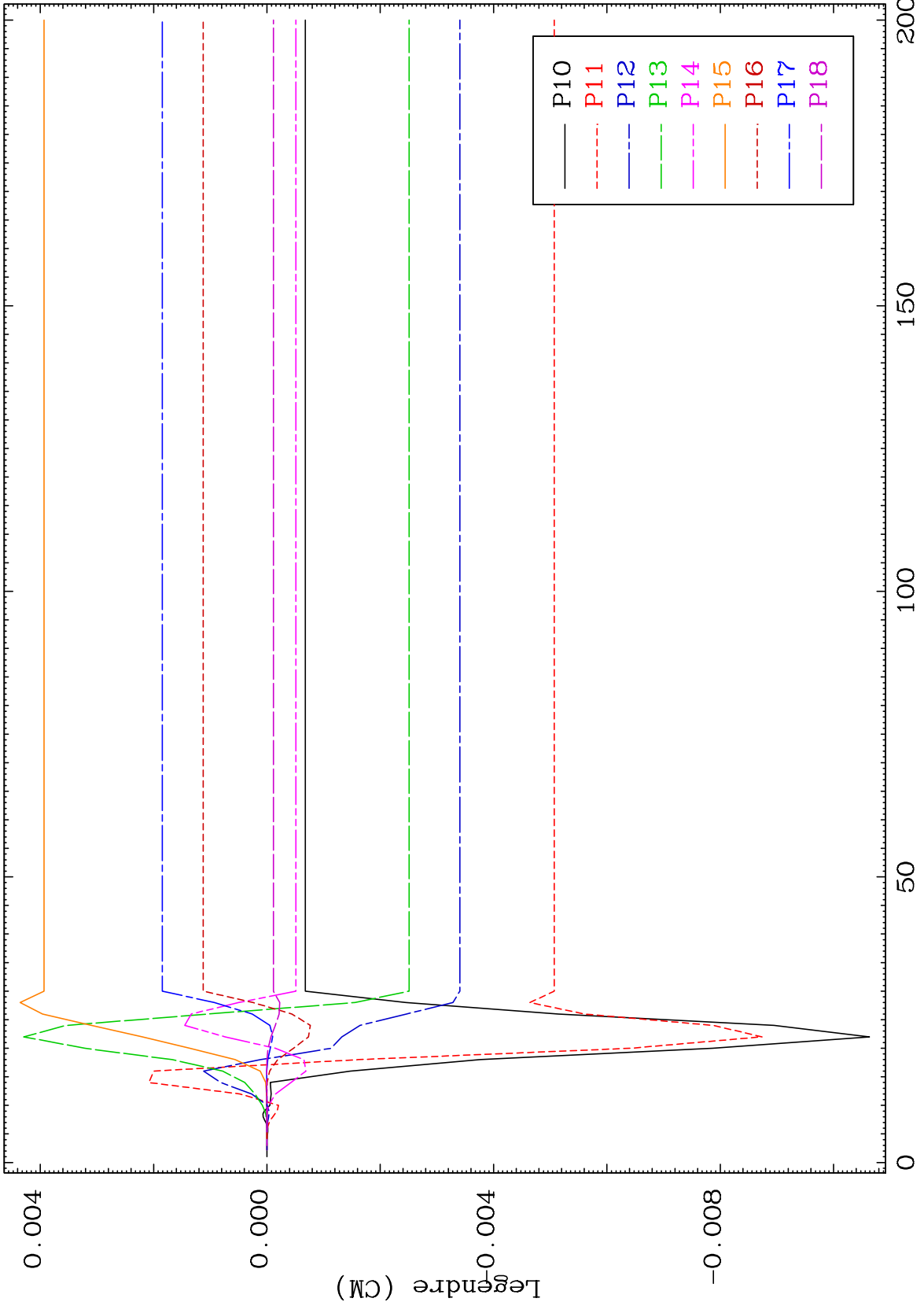


70

Incident Energy (MeV)

55-Cs-142

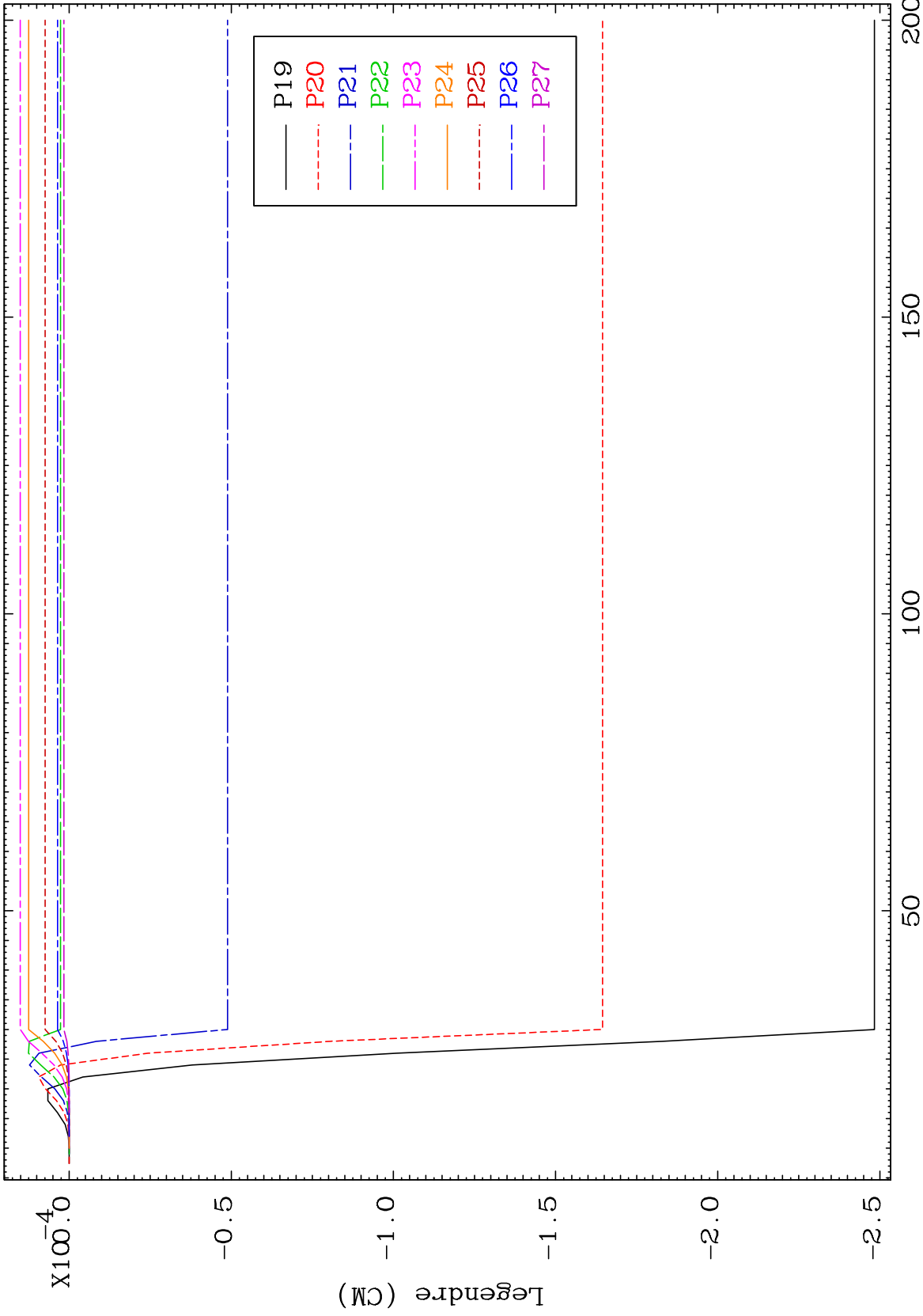
MAT 5552 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-142



MAT 5552

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

55-Cs-142



72

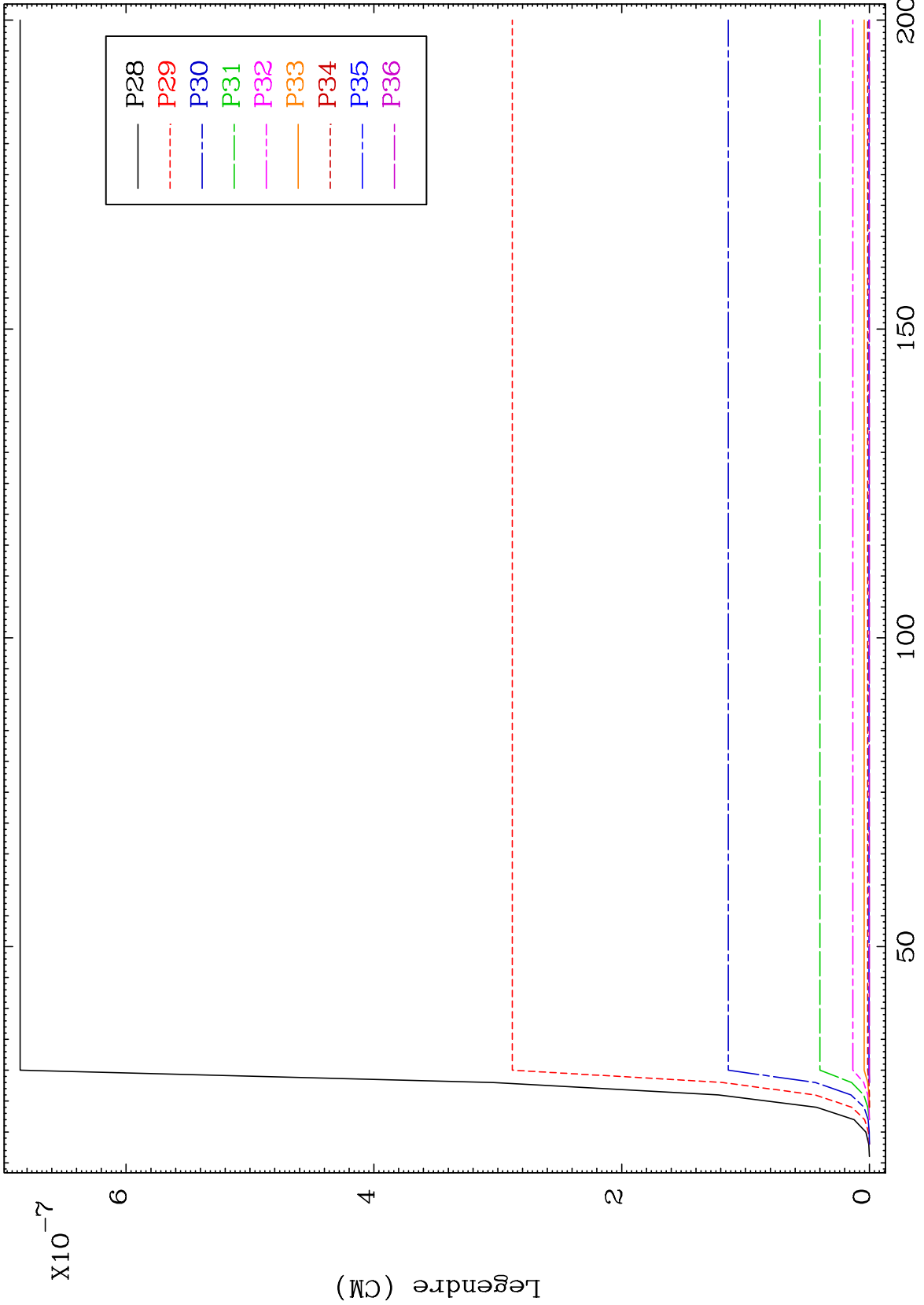
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



73

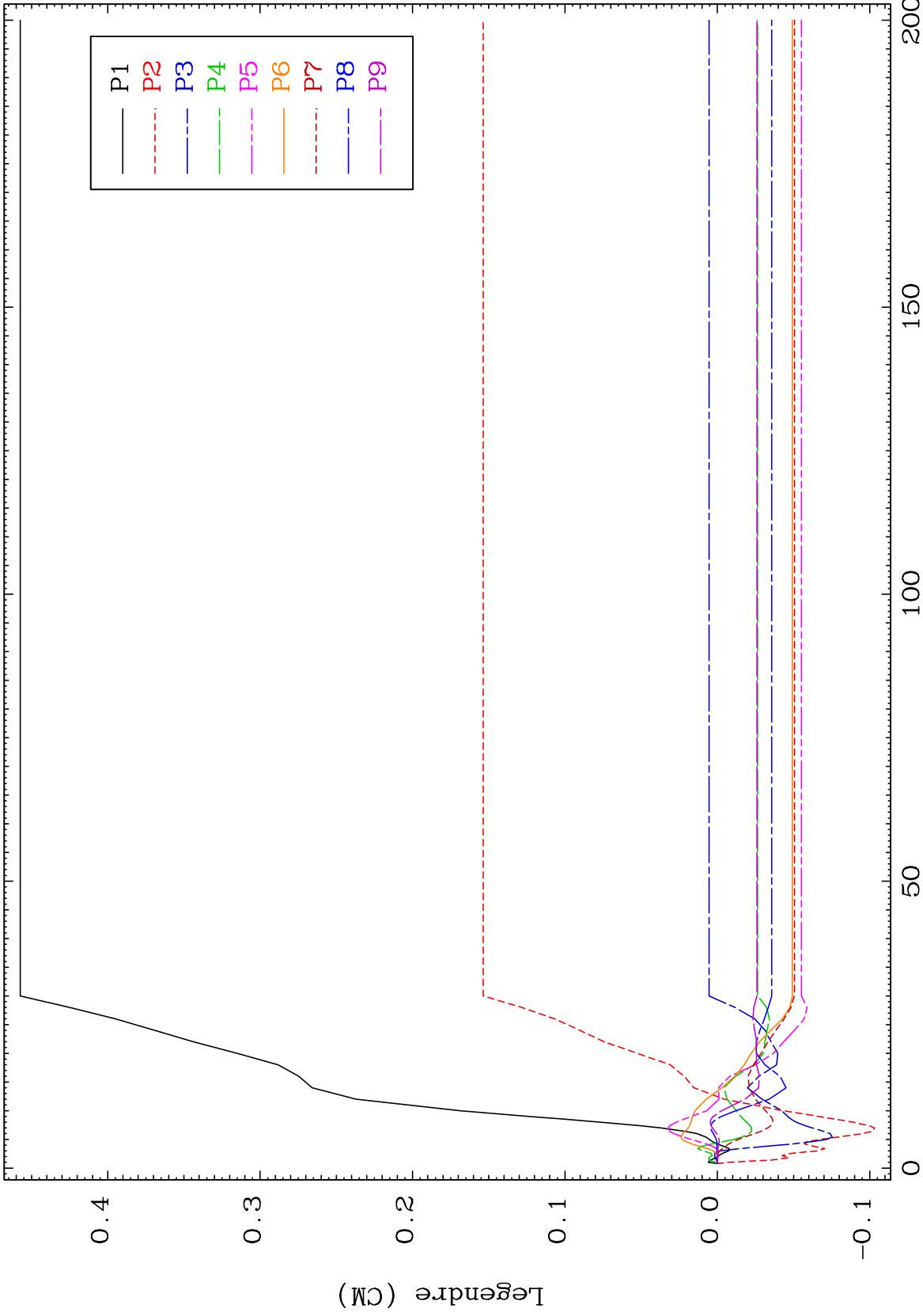
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



74

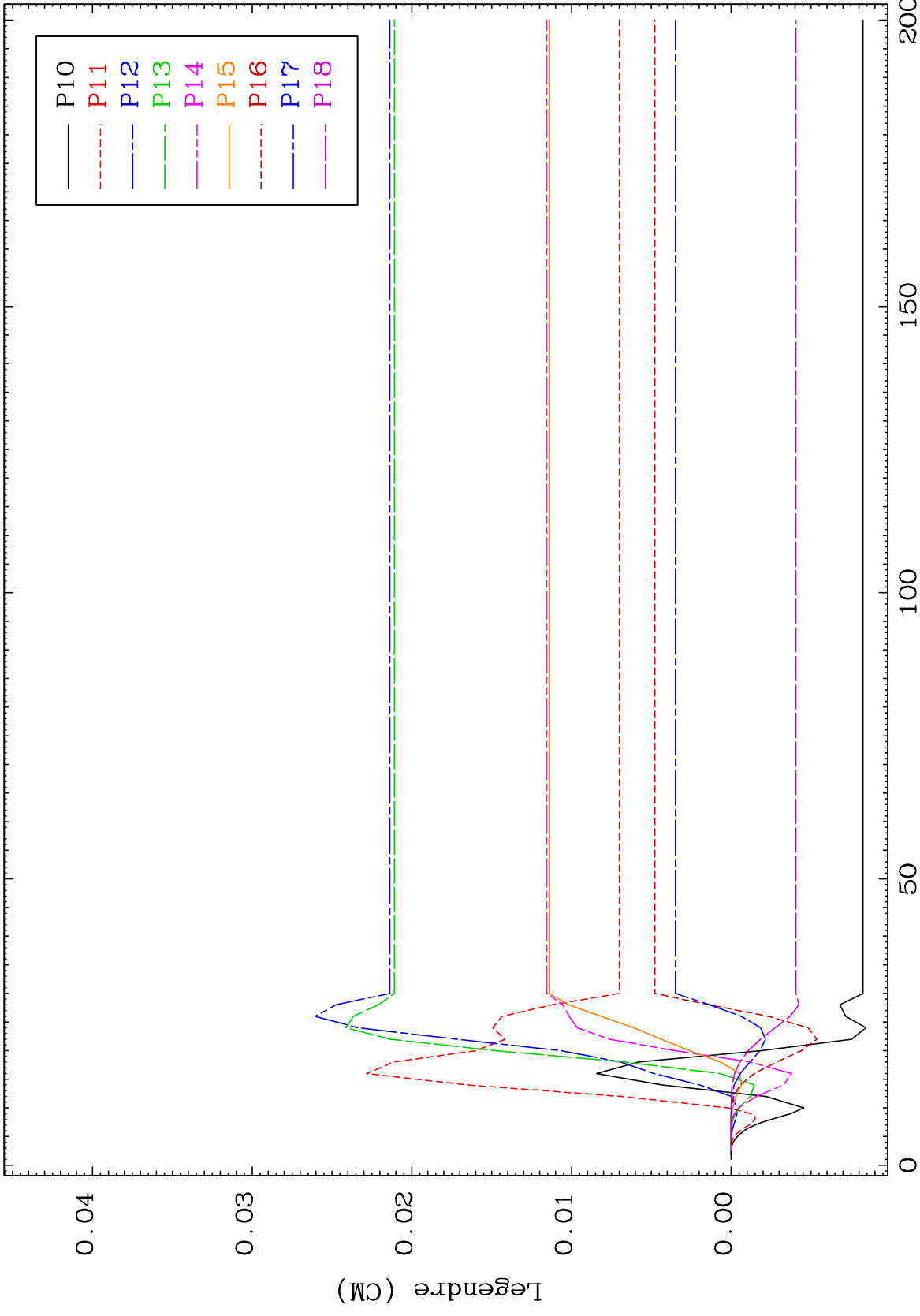
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



75

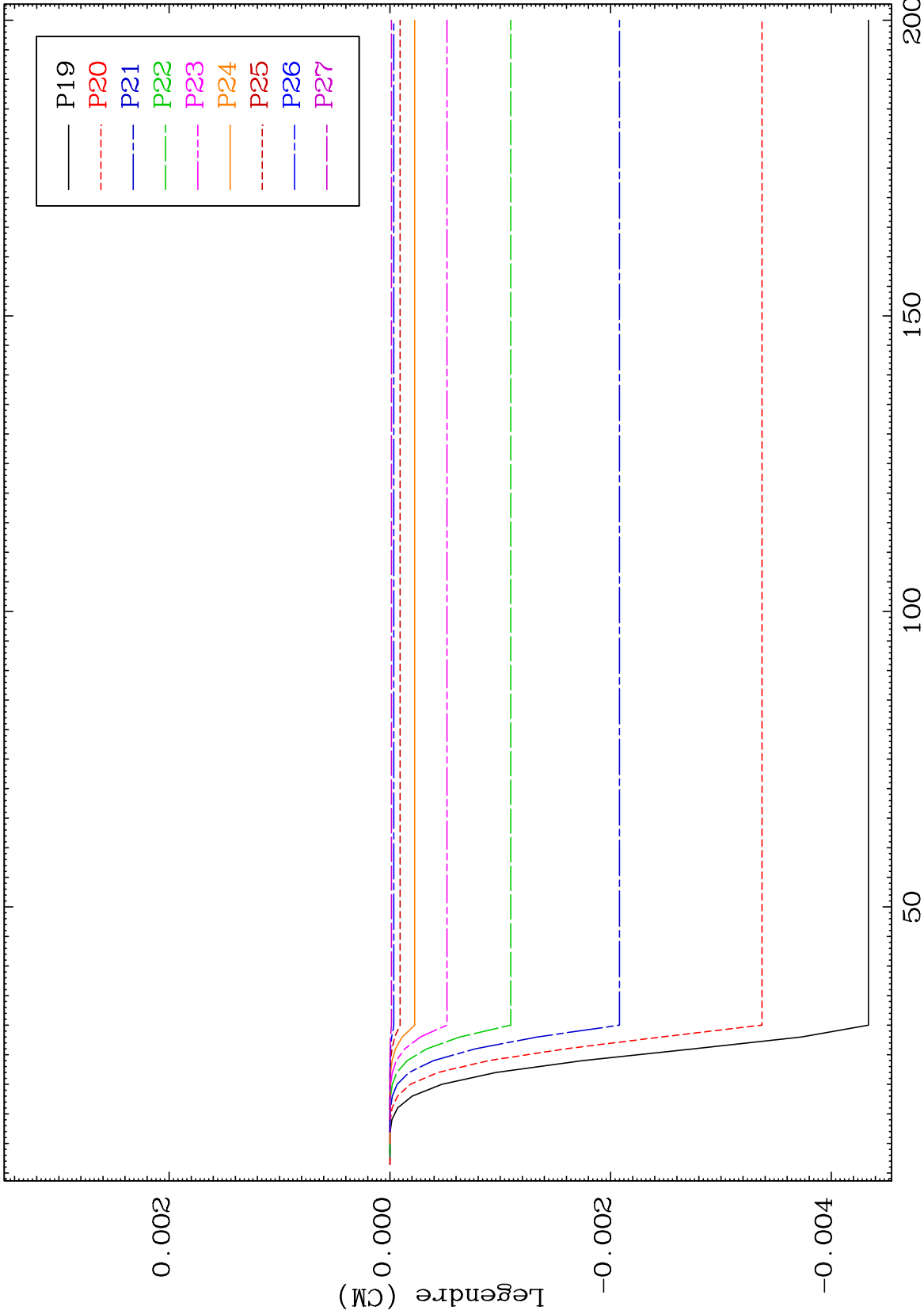
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



76

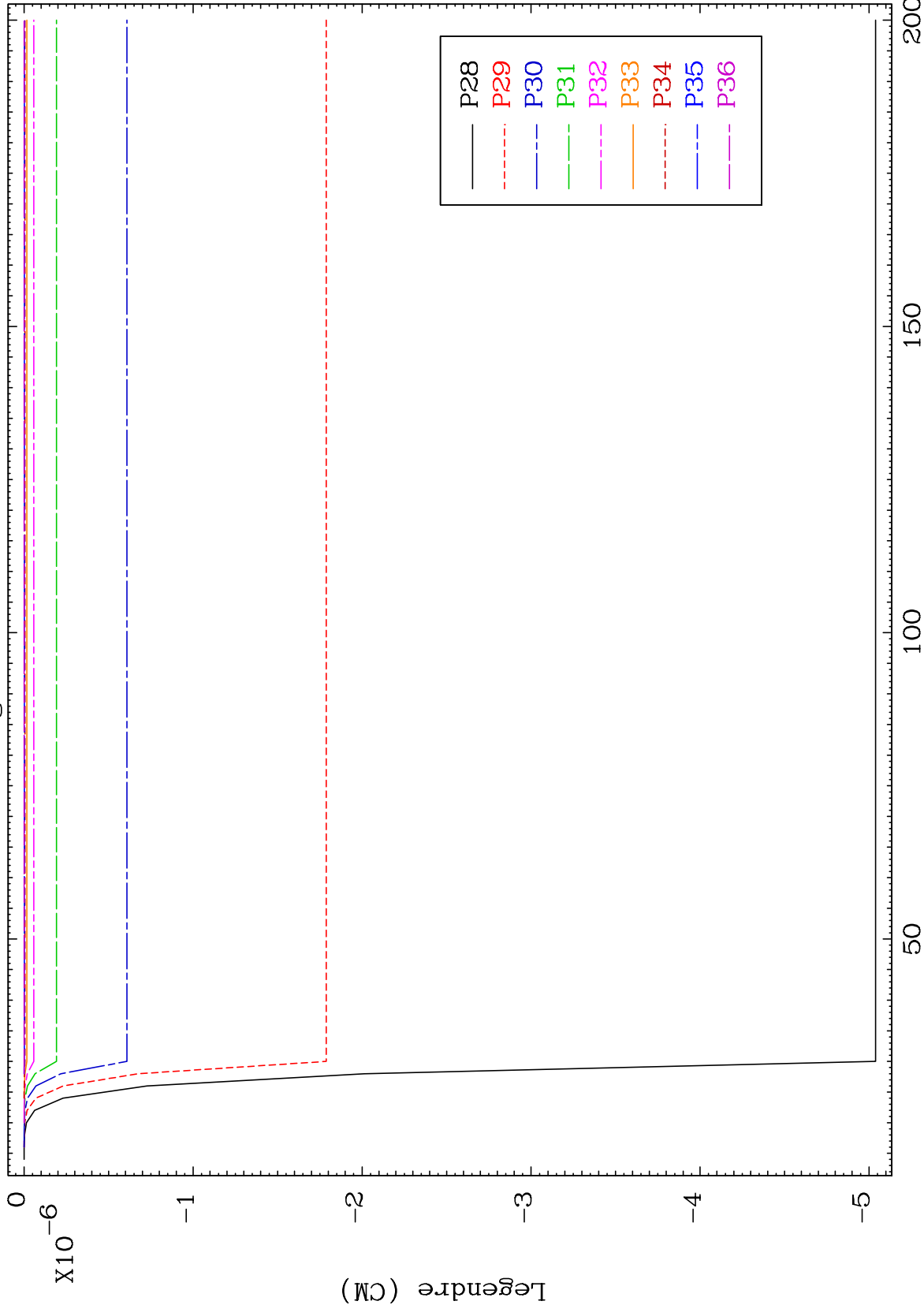
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

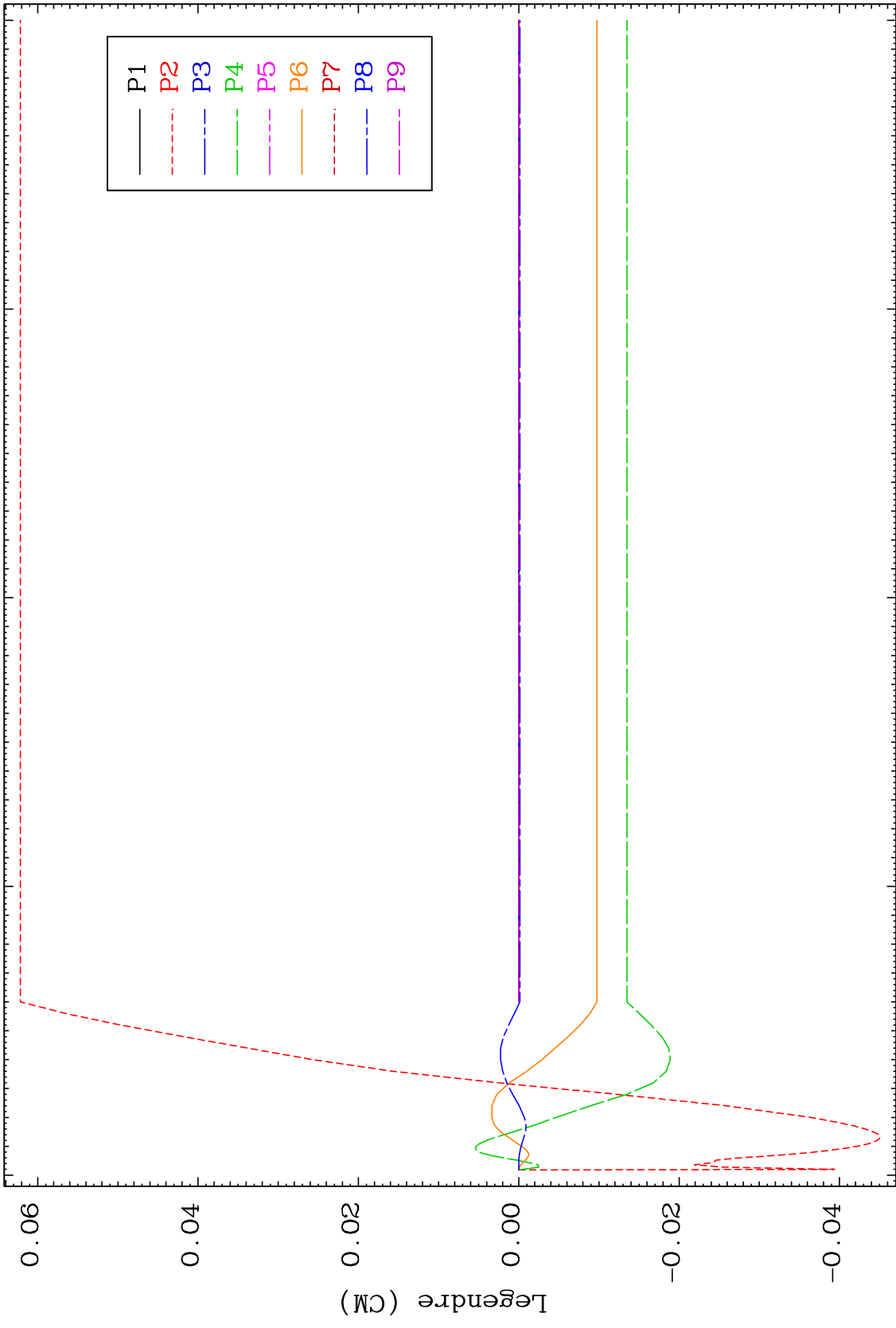


55-Cs-142

Incident Energy (MeV)

77

MAT 5552 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-142

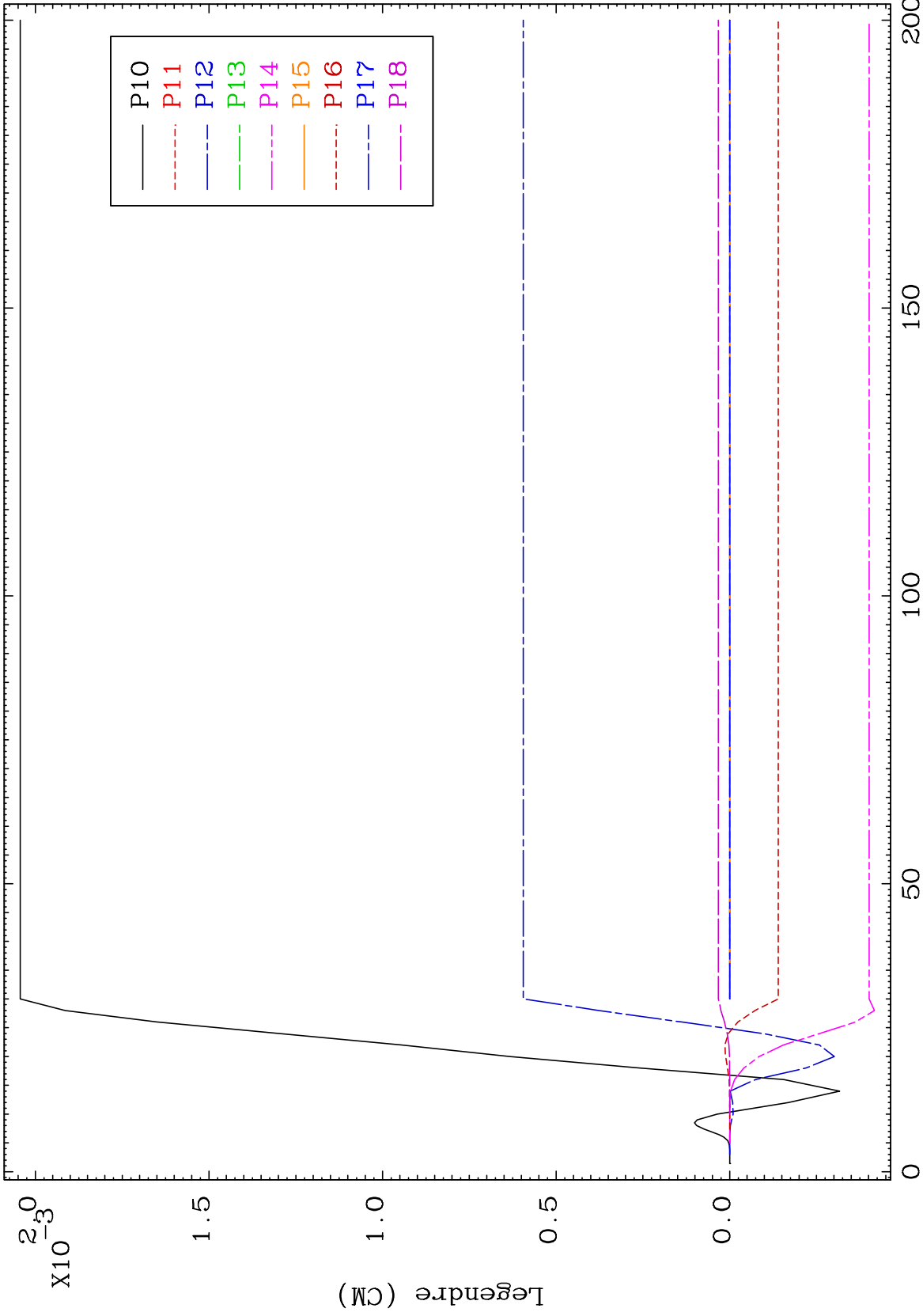


78 Incident Energy (MeV) 55-Cs-142

MAT 5552

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

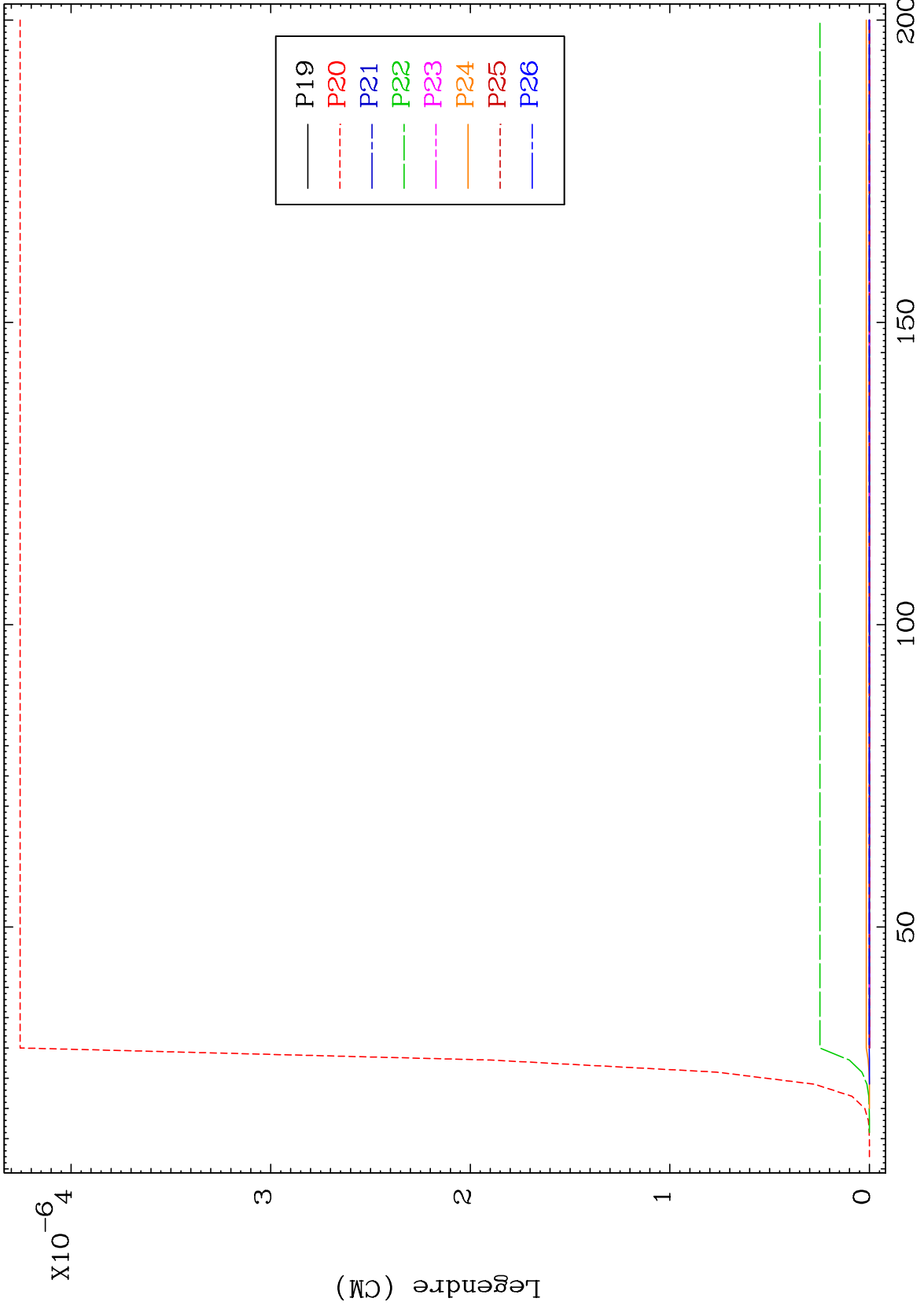
55-Cs-142



79

55-Cs-142

MAT 5552 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-142

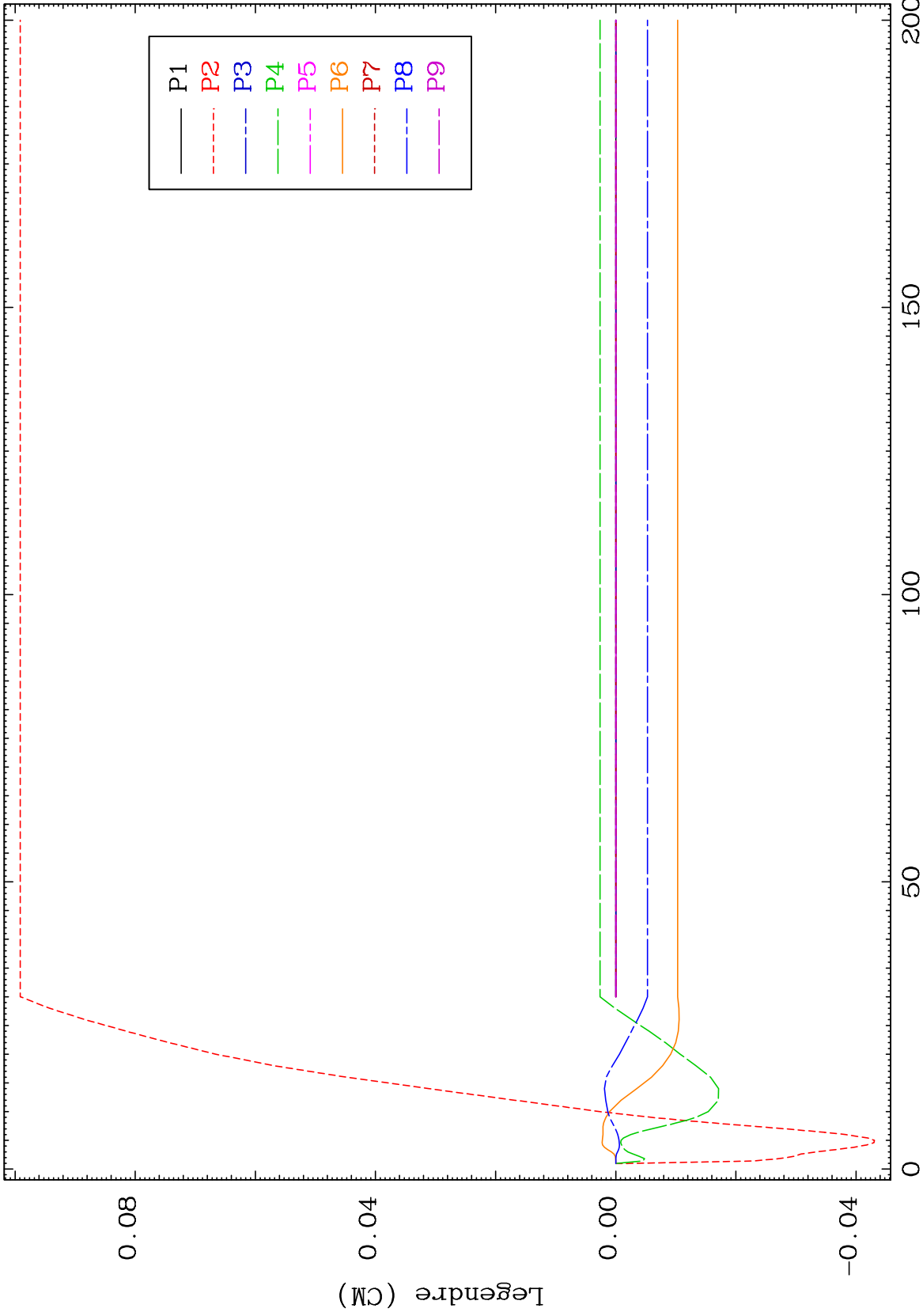


80 50 100 150 200 55-Cs-142

MAT 5552

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

55-Cs-142



81

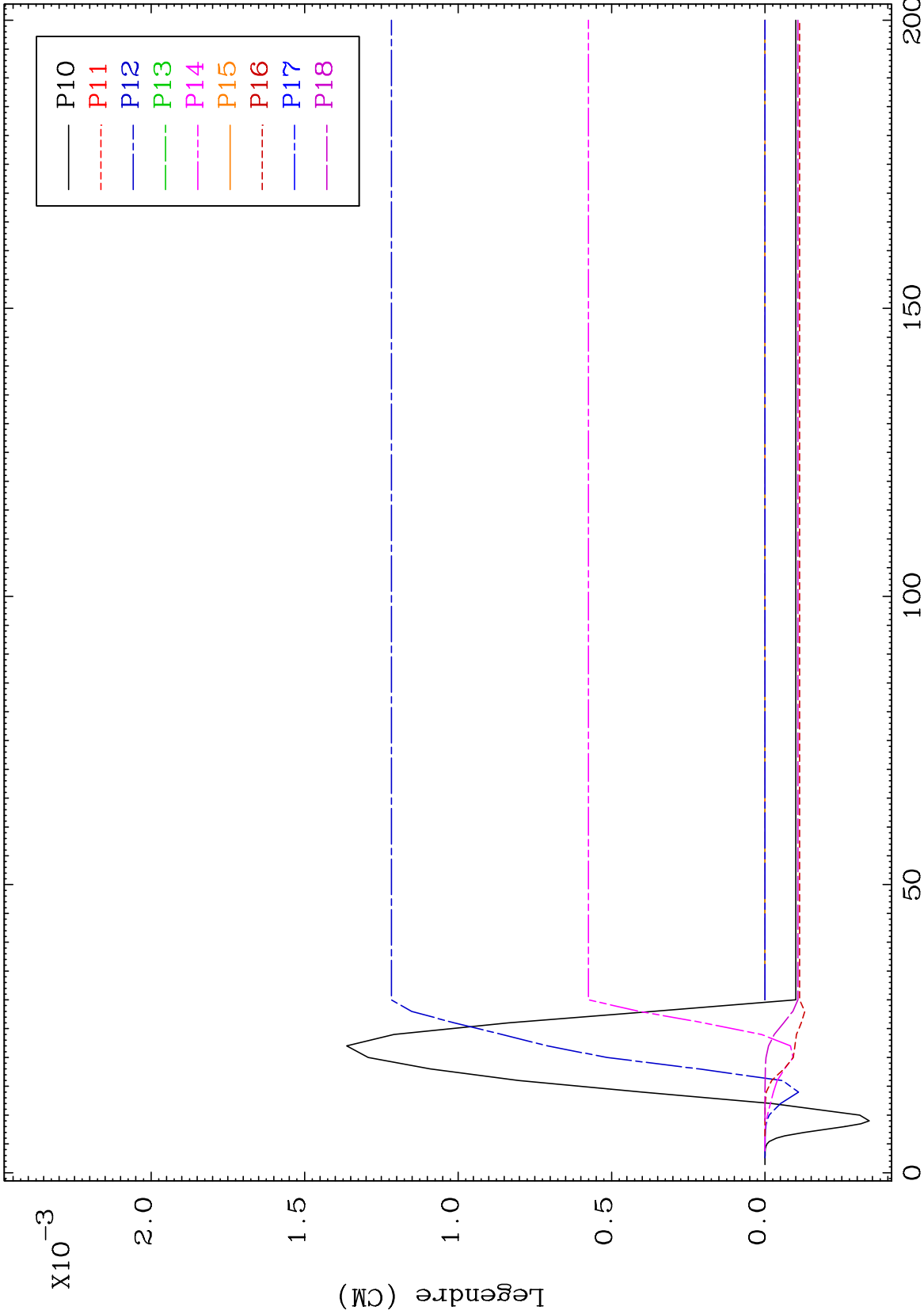
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

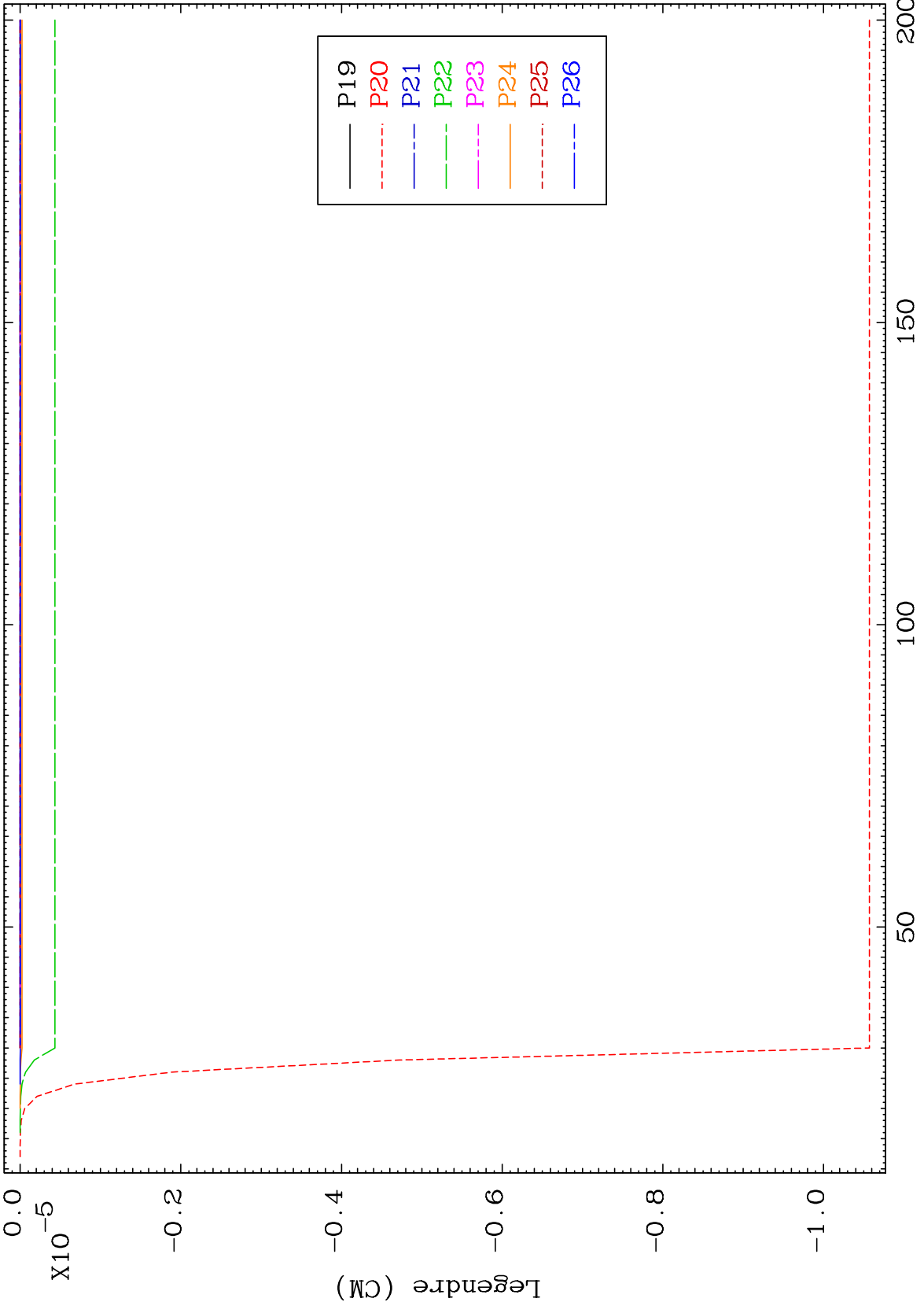


82

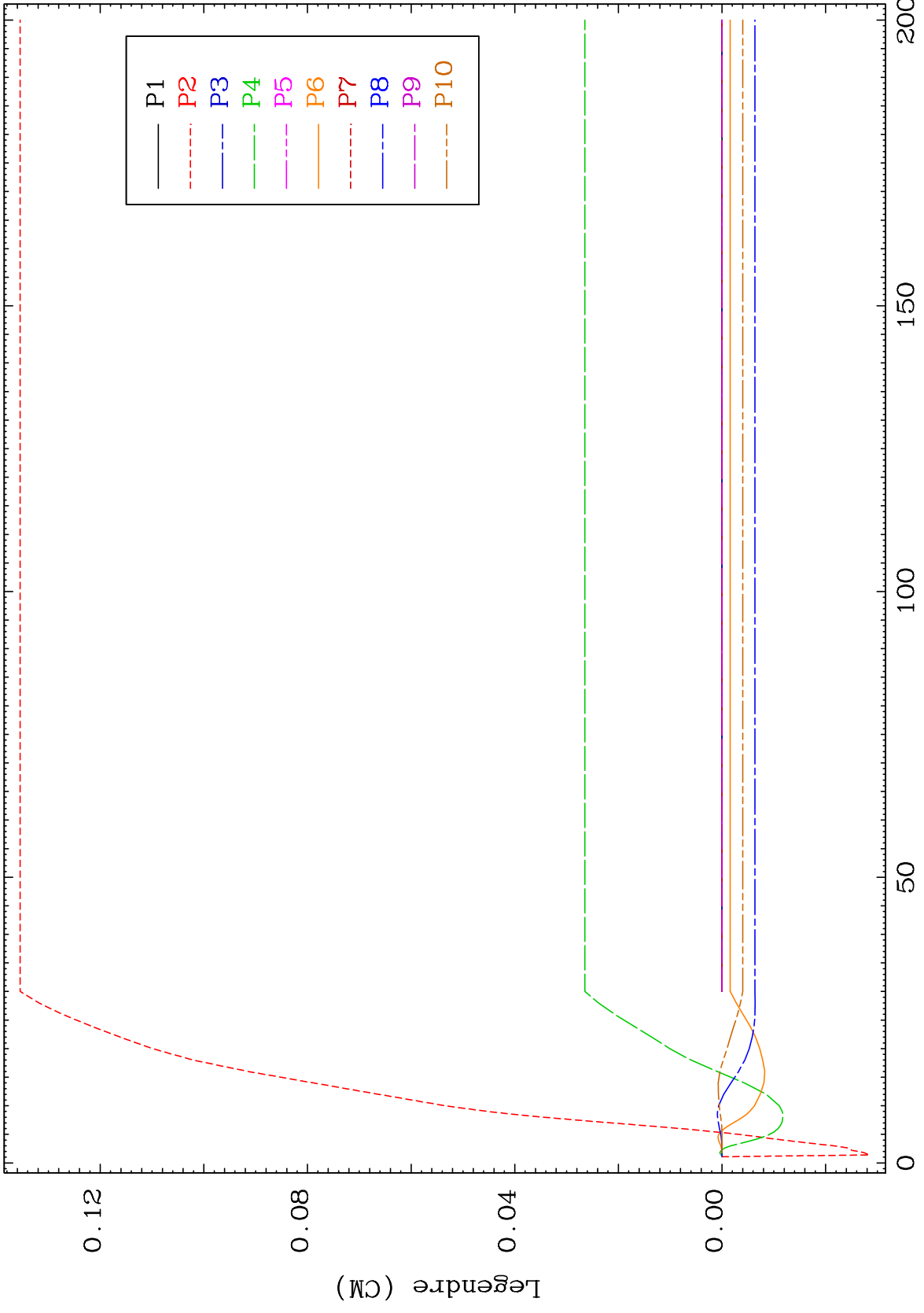
Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-142



MAT 5552 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-142

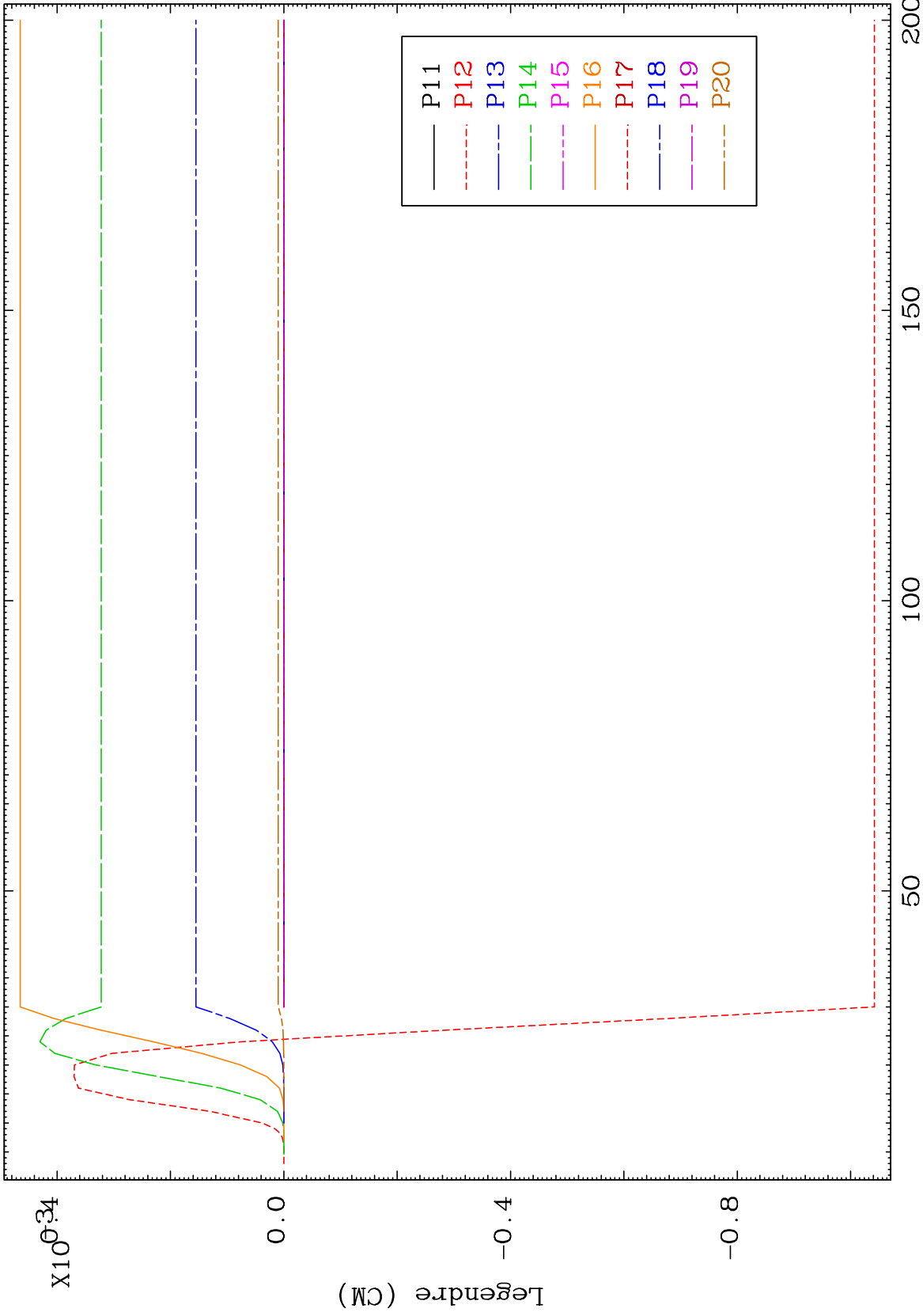


84 55-Cs-142

MAT 5552

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

55-Cs-142



85

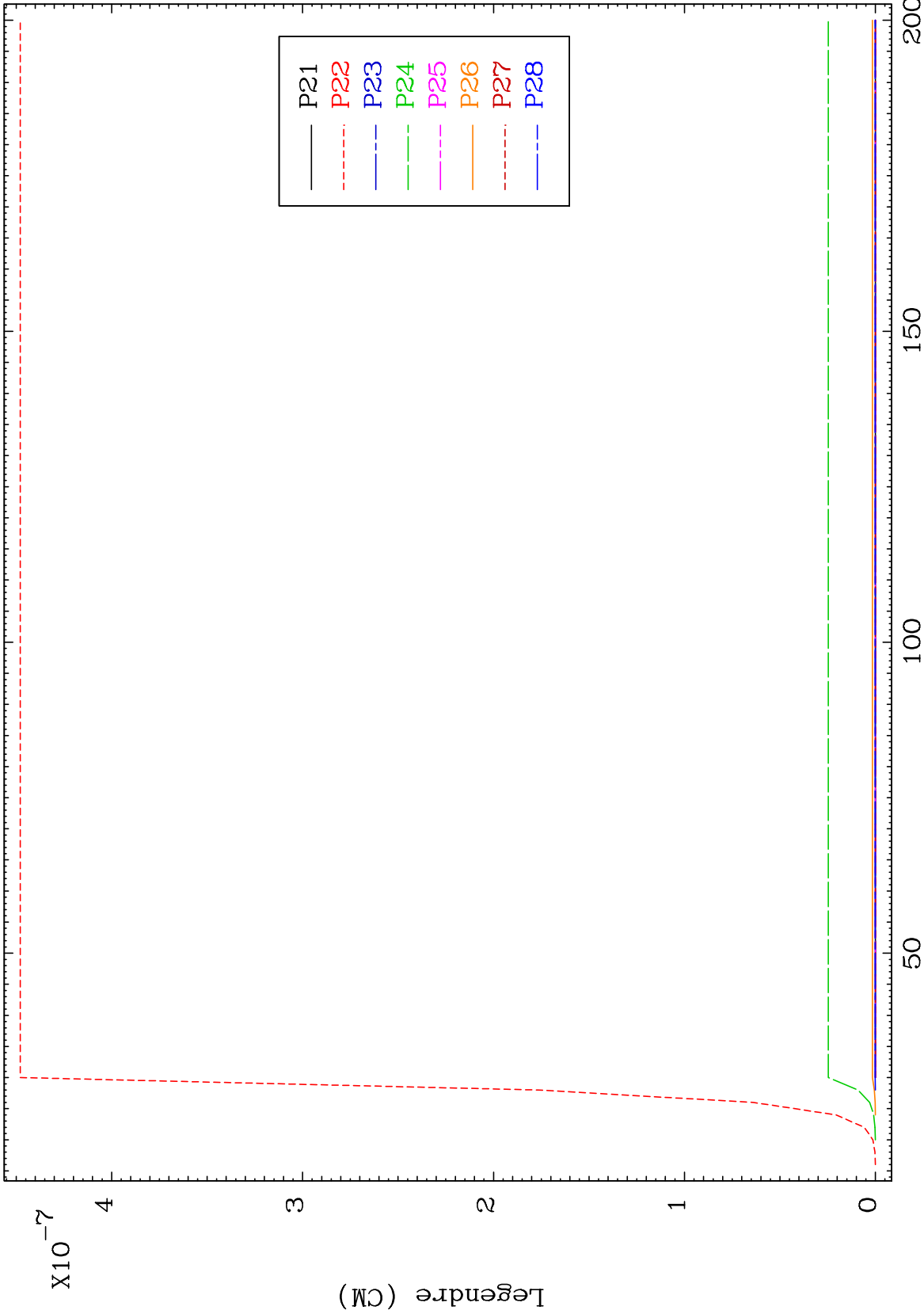
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

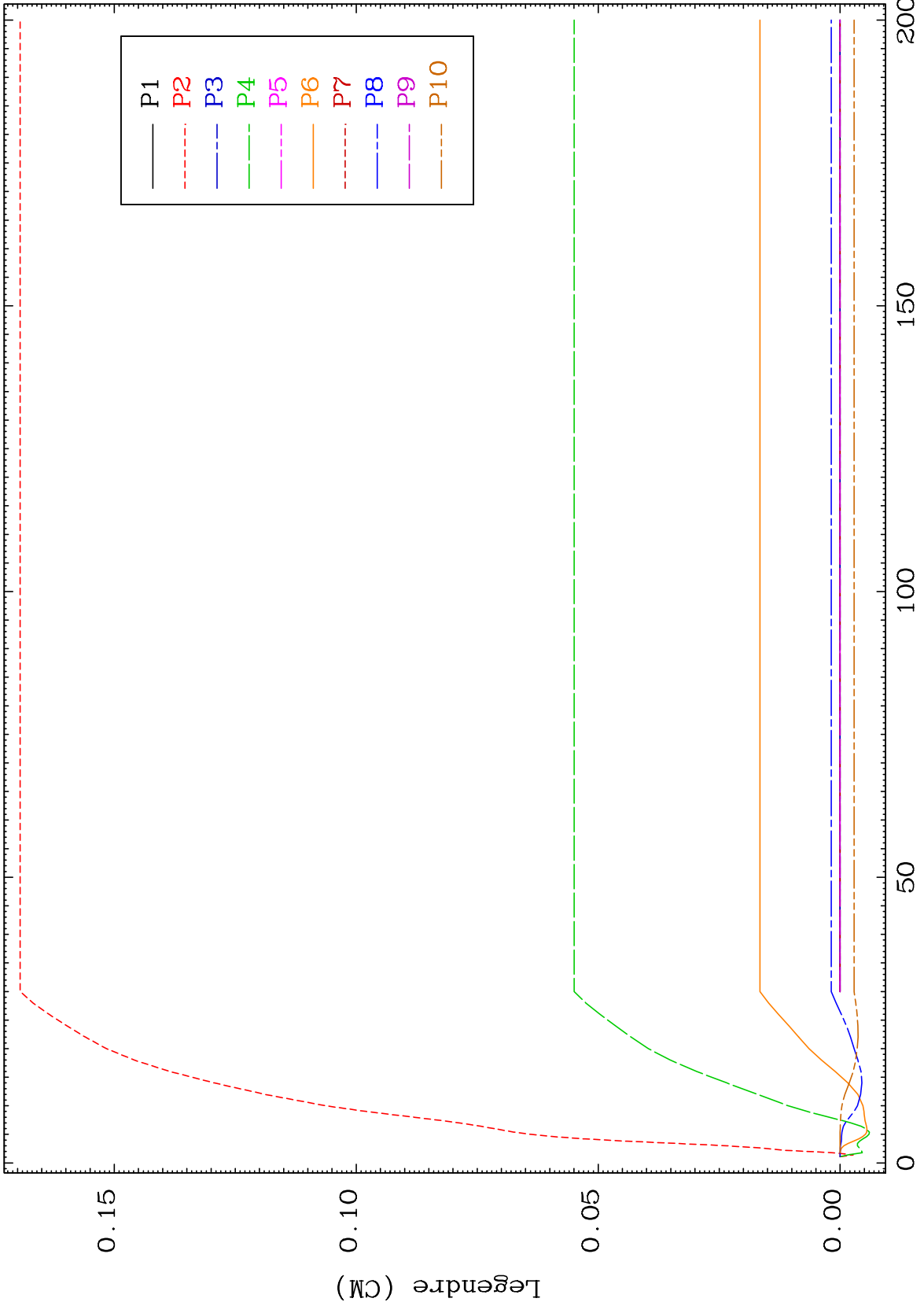


86

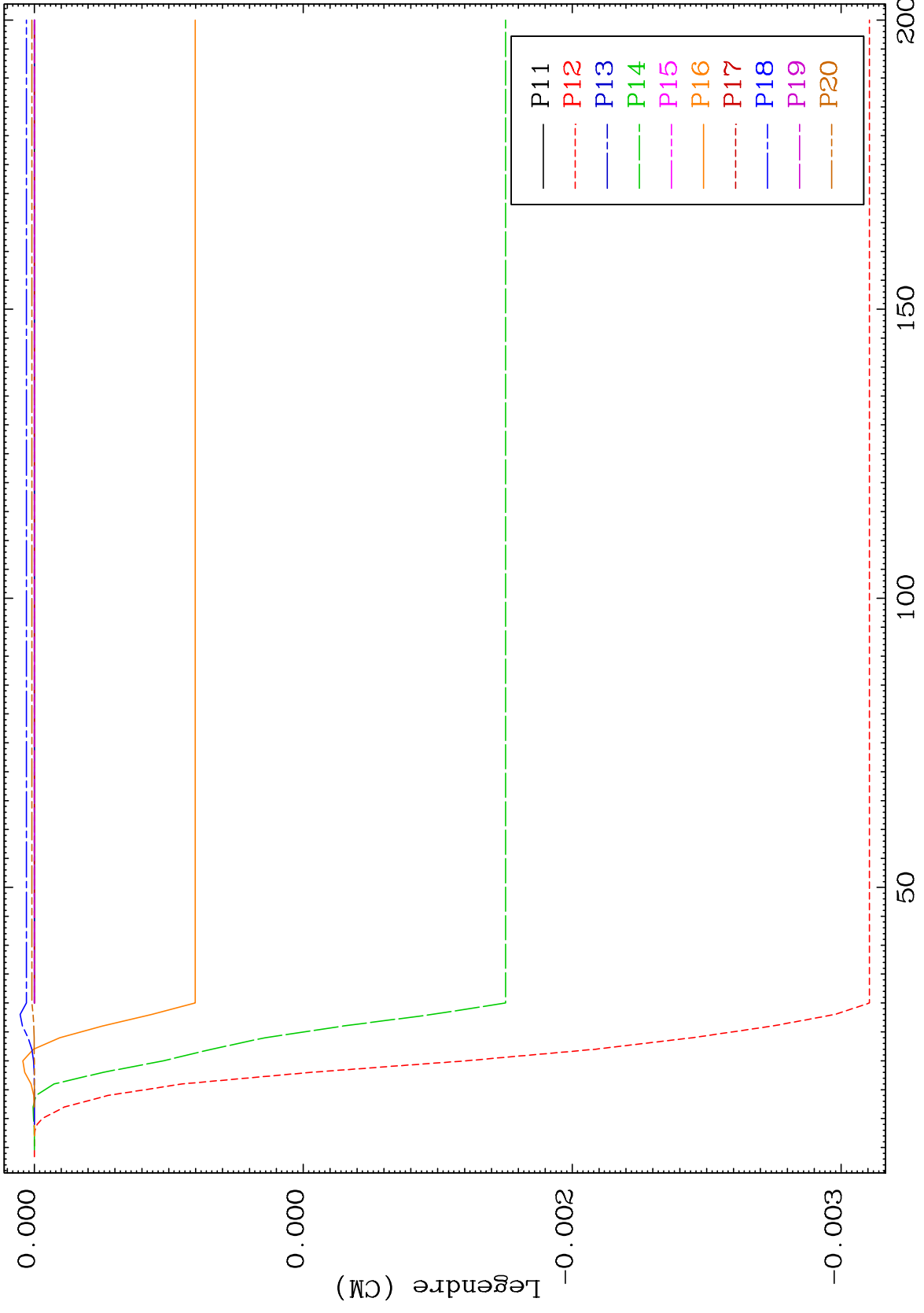
Incident Energy (MeV)

55-Cs-142

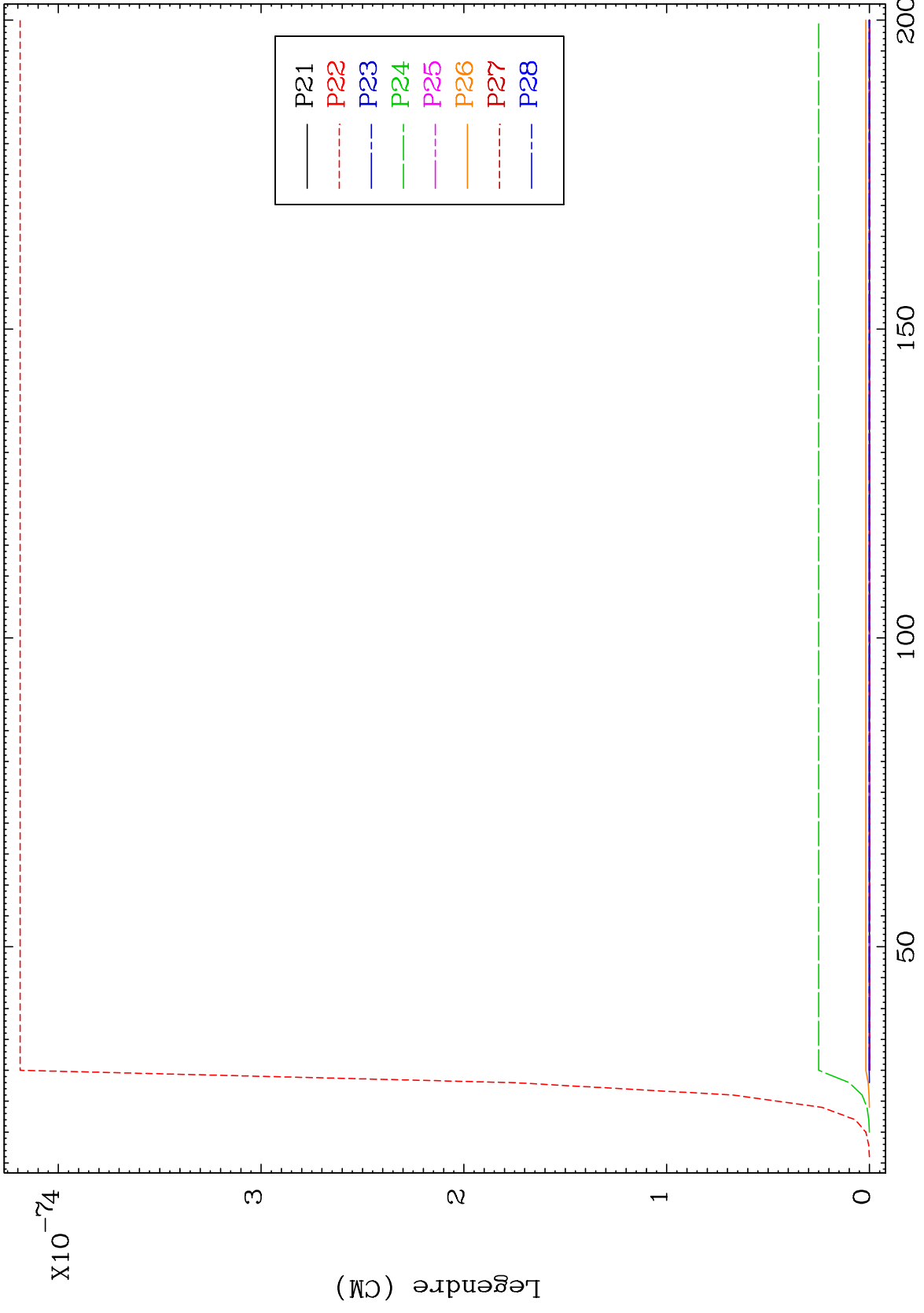
MAT 5552 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-142



87 55-Cs-142



MAT 5552 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-142

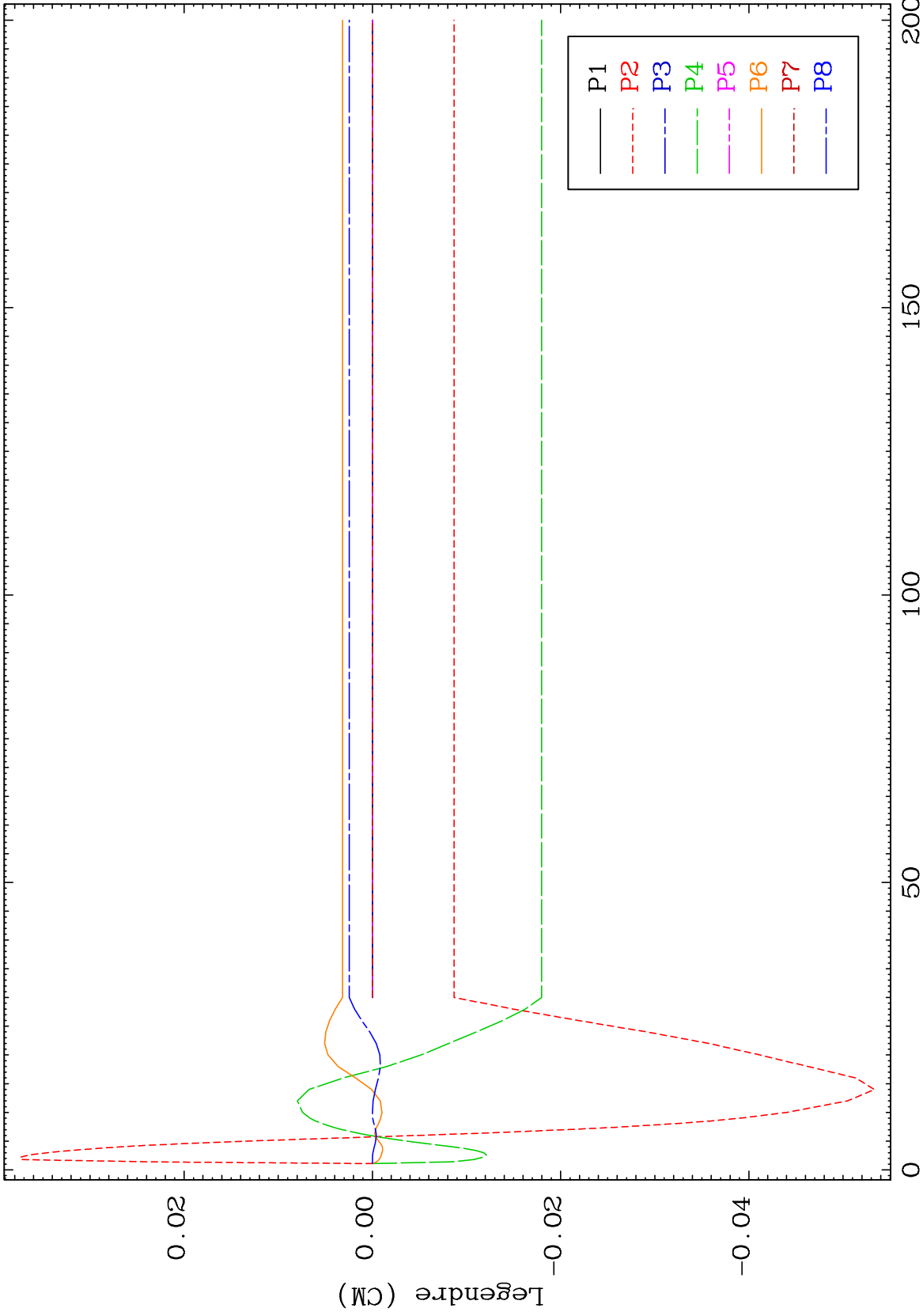


89 55-Cs-142

MAT 5552

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

55-Cs-142



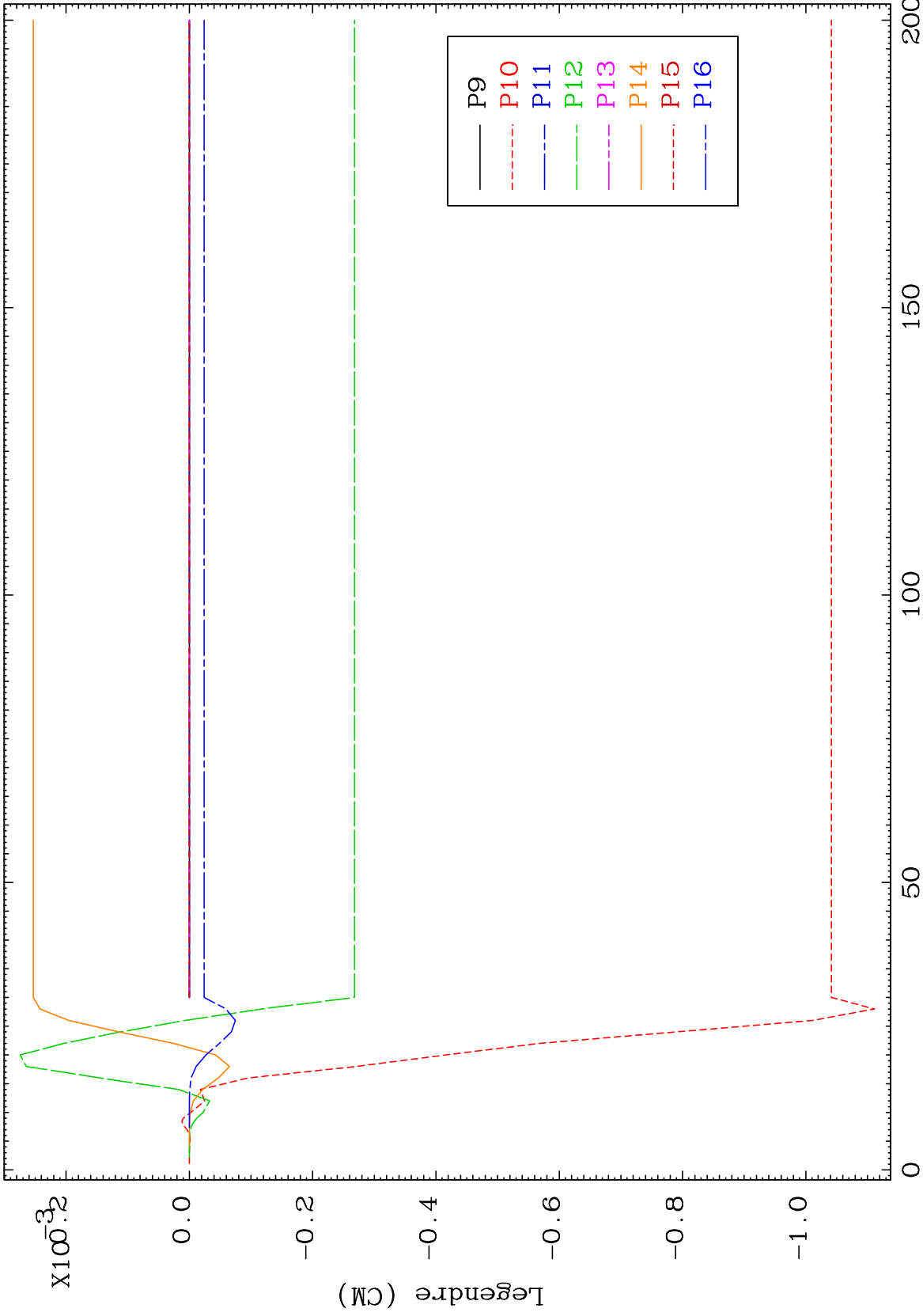
55-Cs-142

Incident Energy (MeV)

MAT 5552

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

55-Cs-142

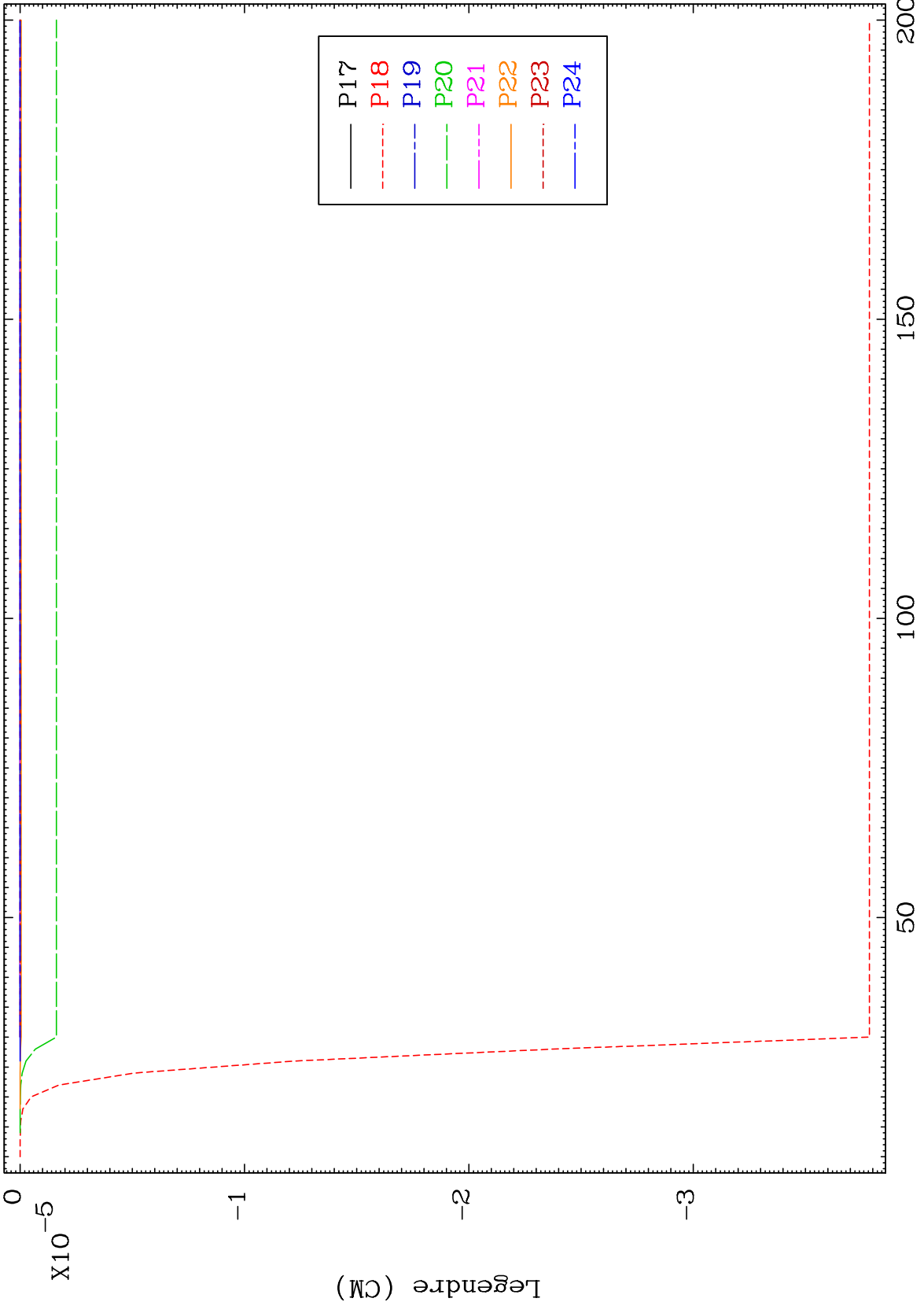


91

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-142

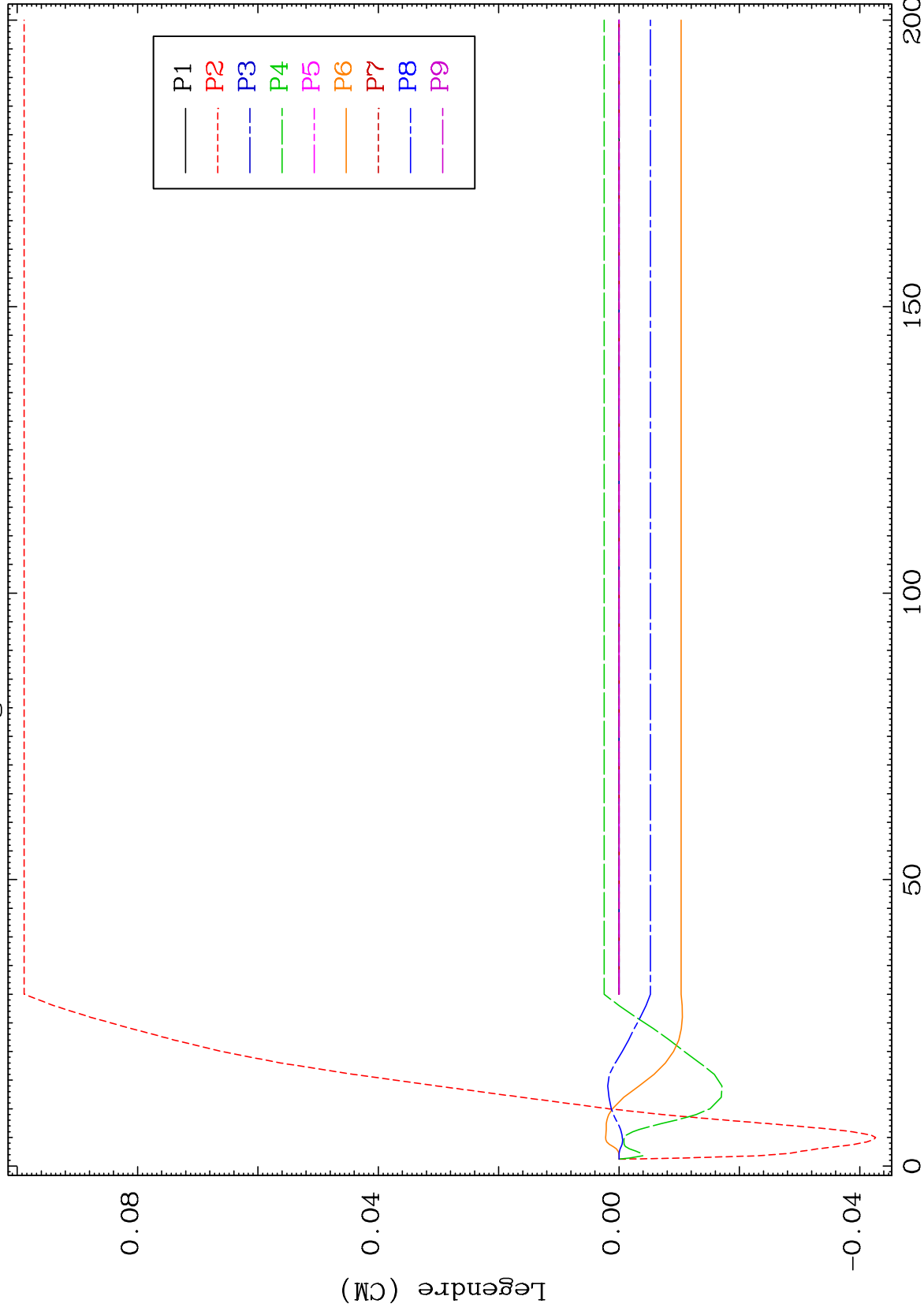


92 55-Cs-142

MAT 5552

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

55-Cs-142

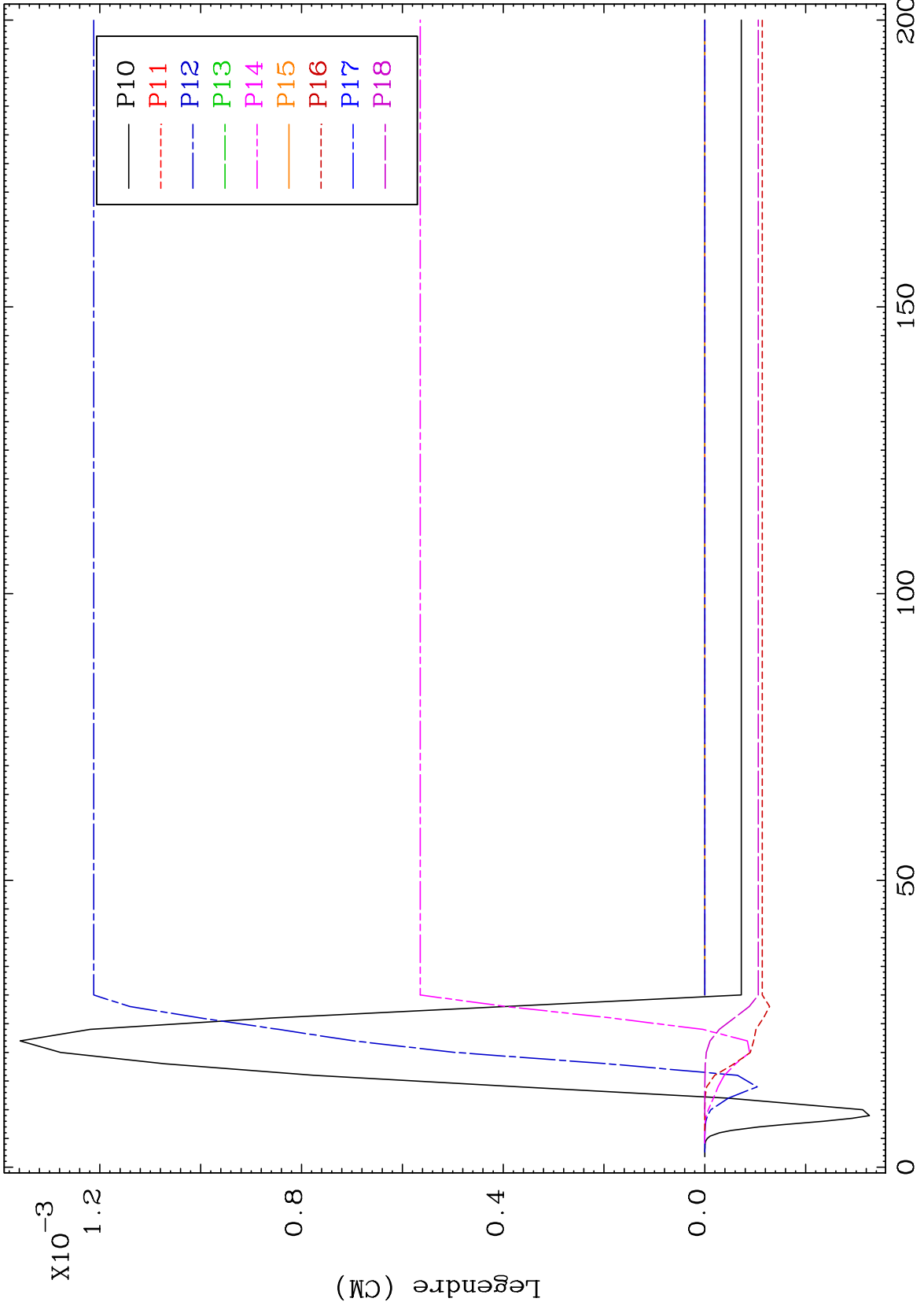


93

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 73 (n,n') Level Legendre Coefficients 55-Cs-142

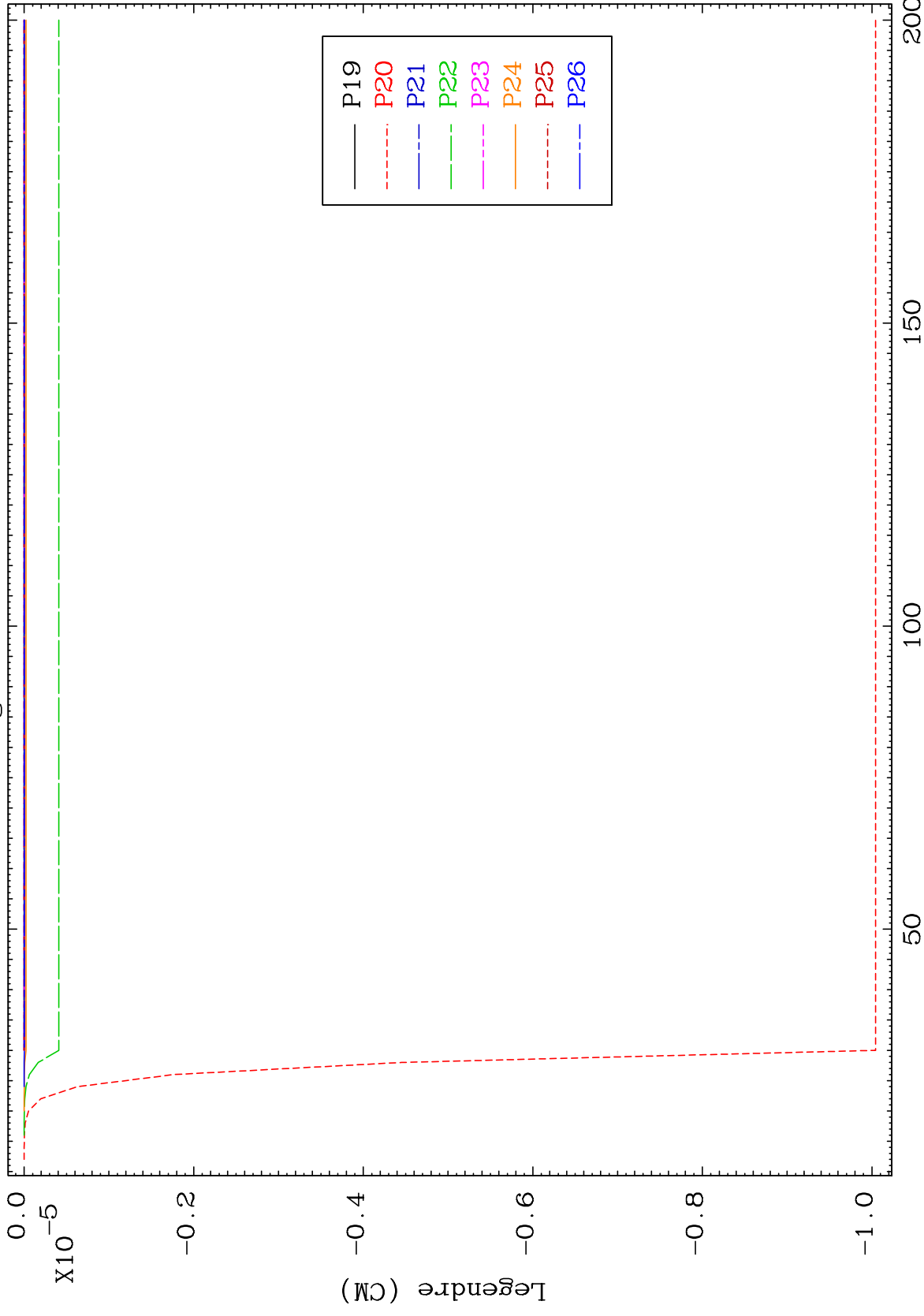


94 55-Cs-142

MAT 5552

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

55-Cs-142

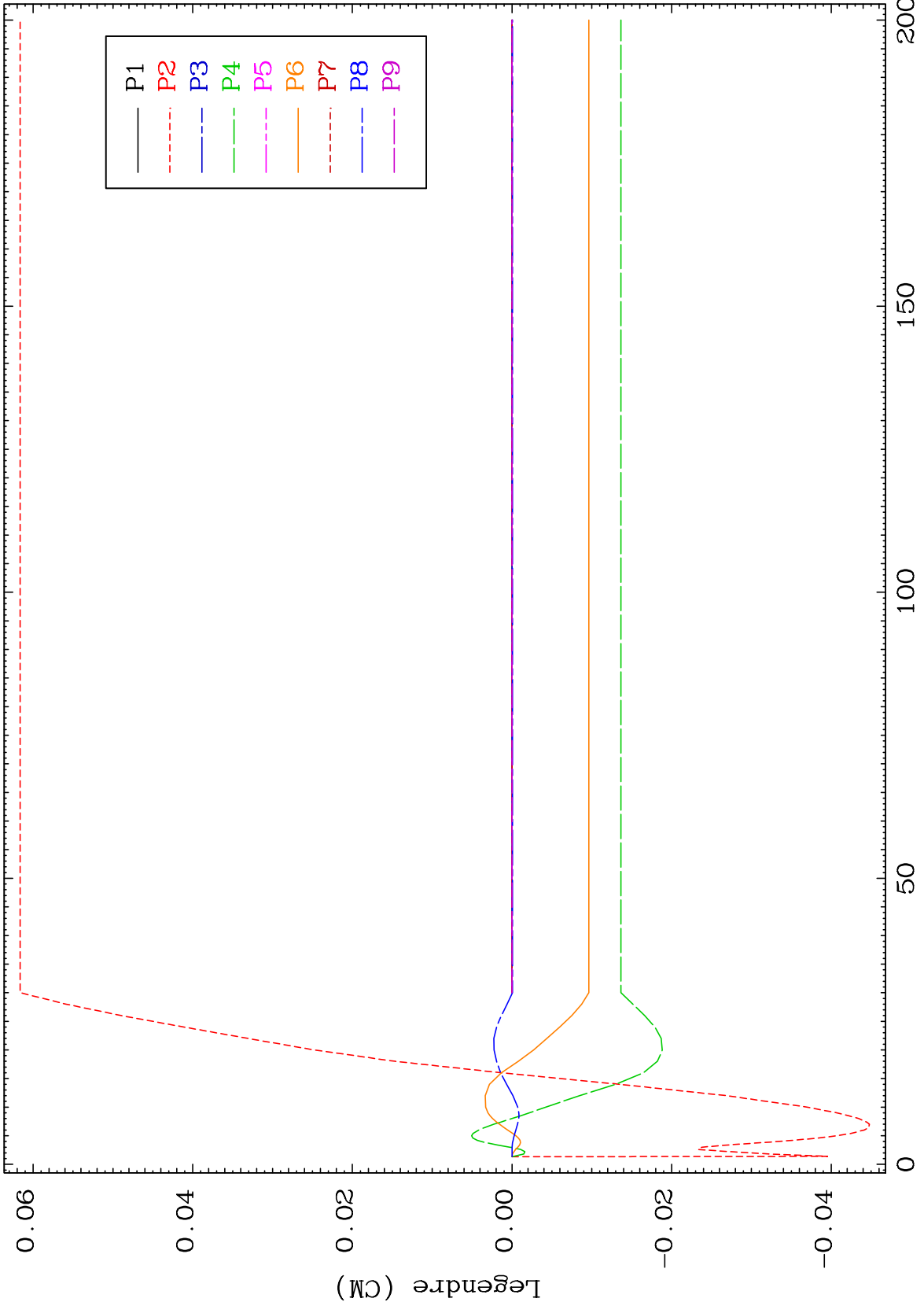


55-Cs-142

Incident Energy (MeV)

95

MAT 5552 MT= 74 (n,n') Level Legendre Coefficients 55-Cs-142

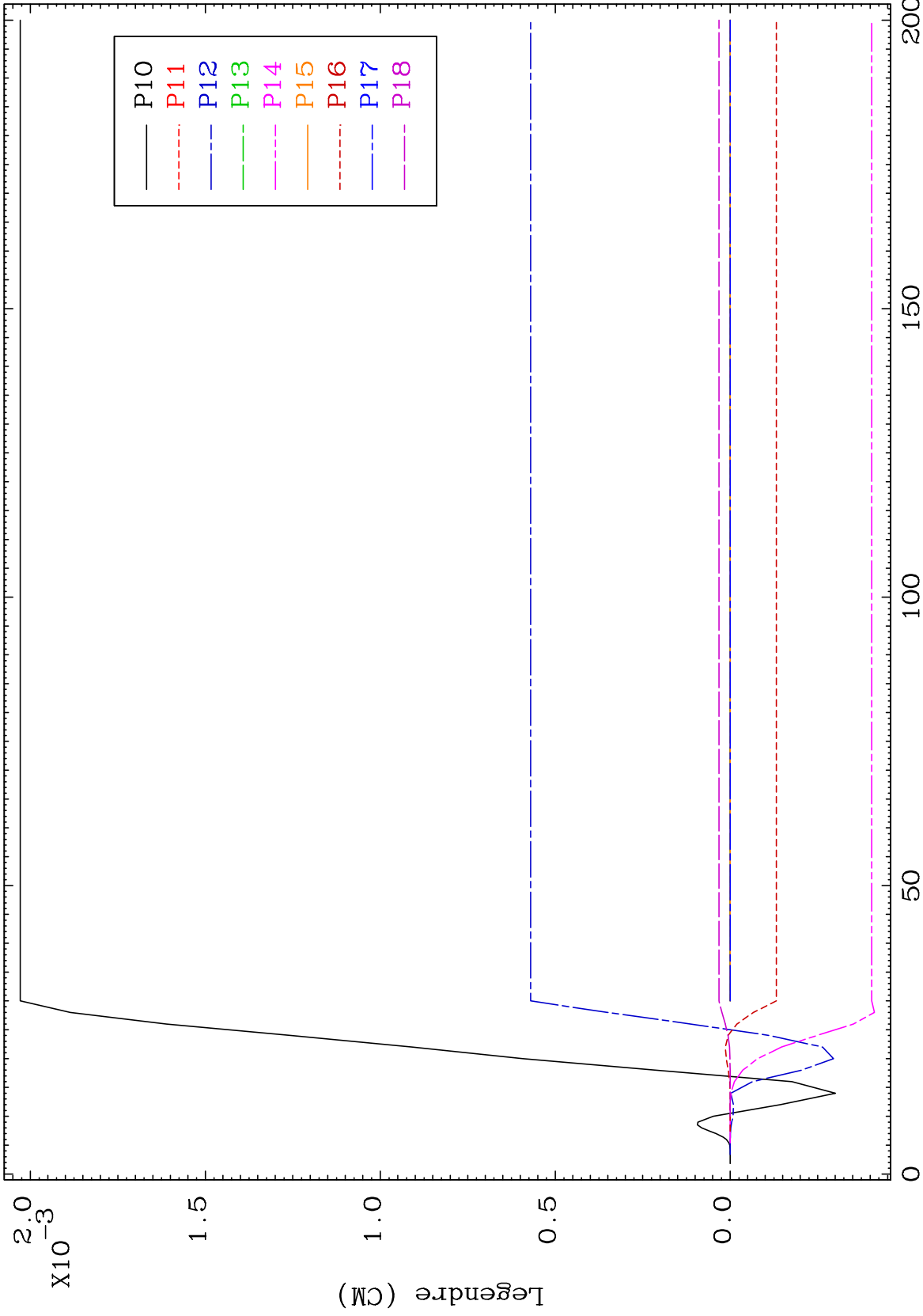


96 55-Cs-142

MAT 5552

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

55-Cs-142

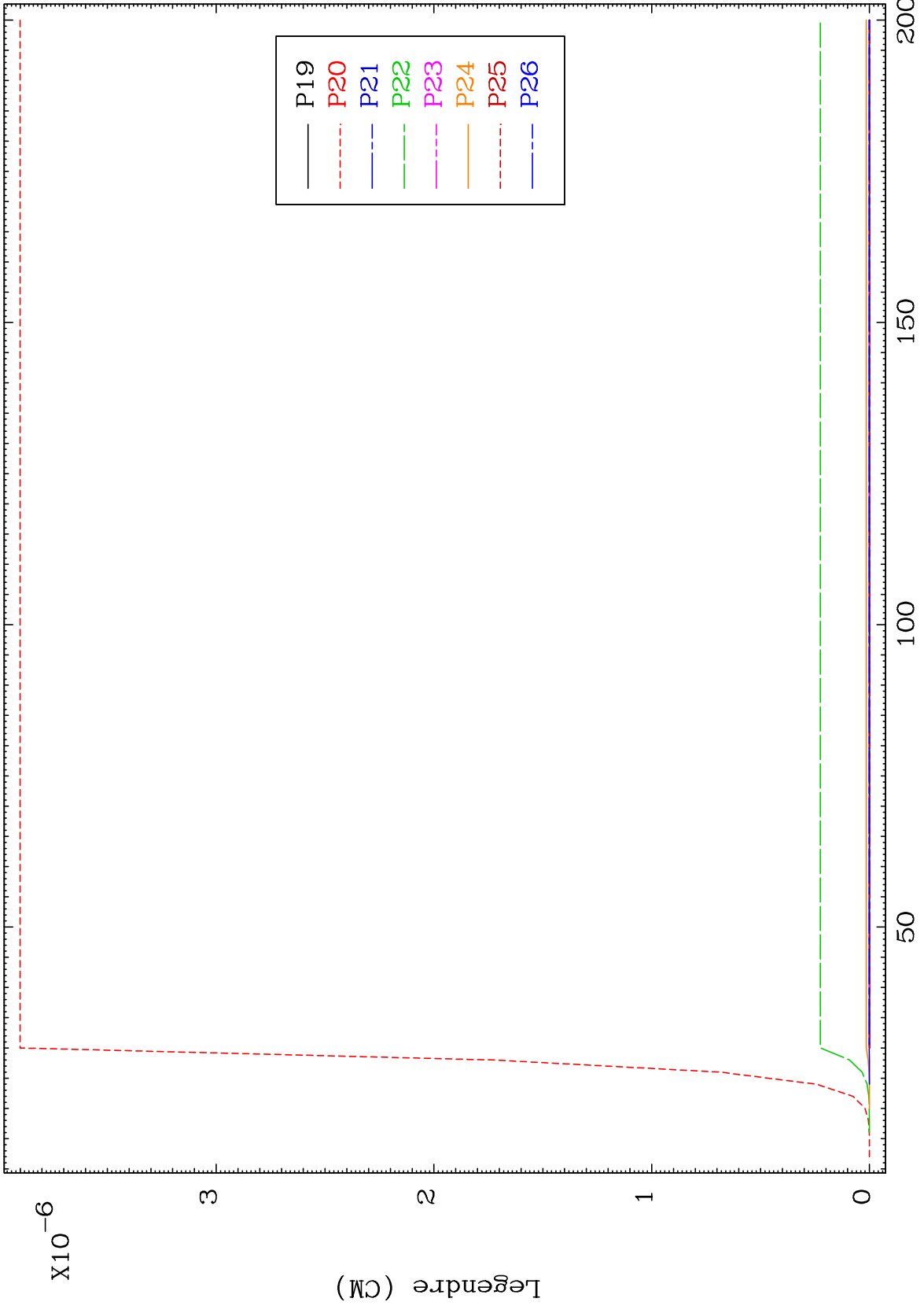


97

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 74 (n,n') Level Legendre Coefficients 55-Cs-142

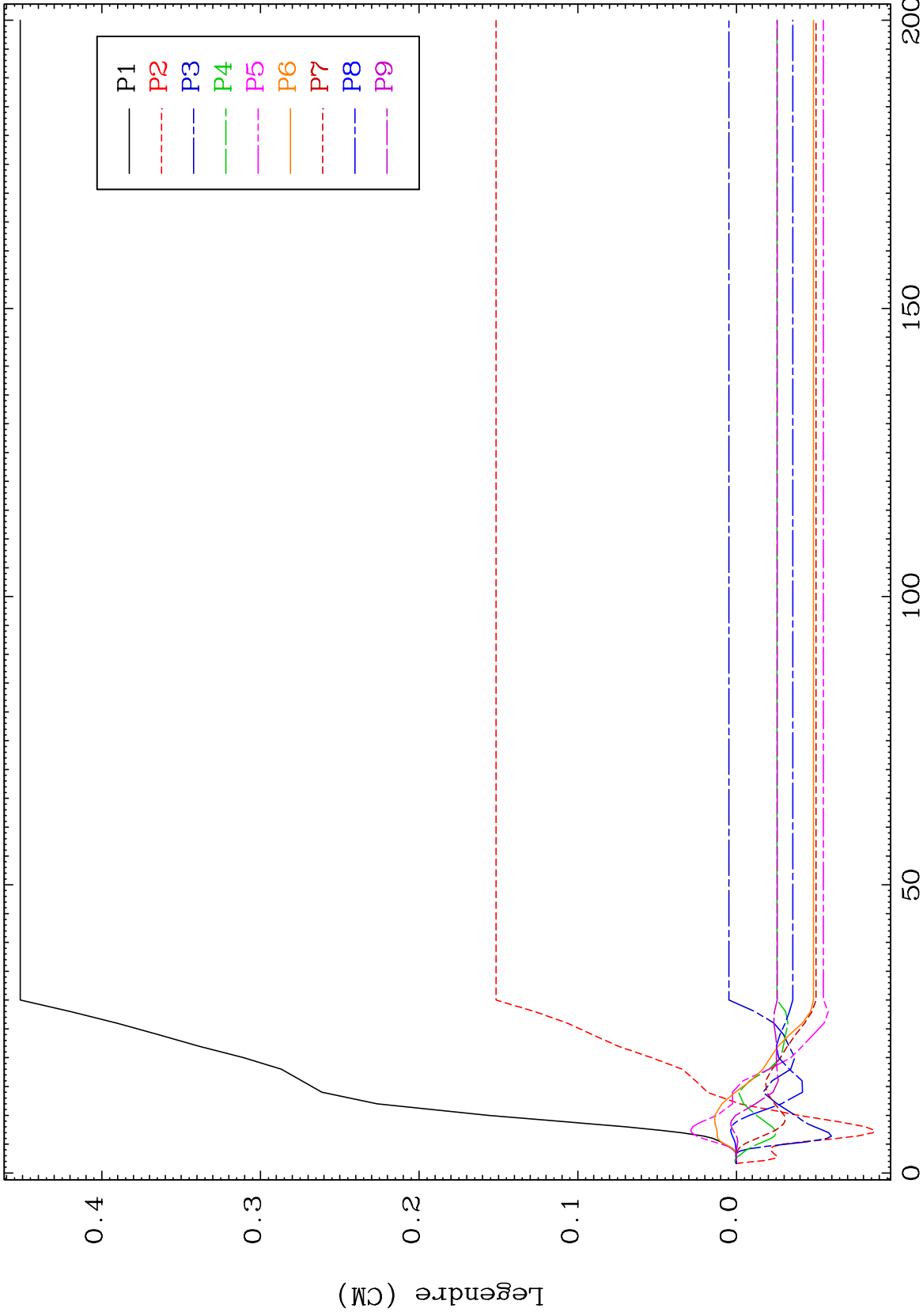


98 55-Cs-142

MAT 5552

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

55-Cs-142



99

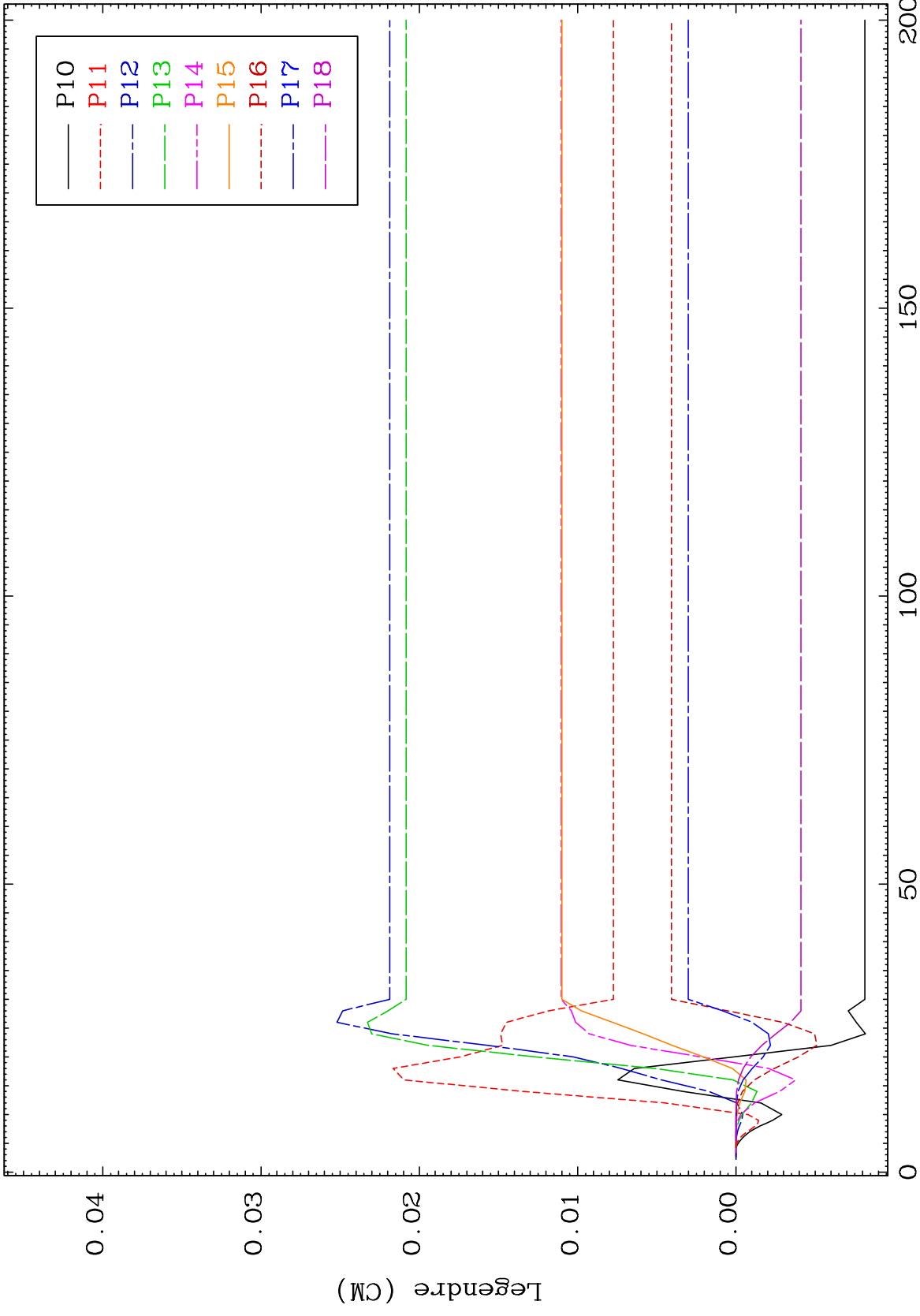
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

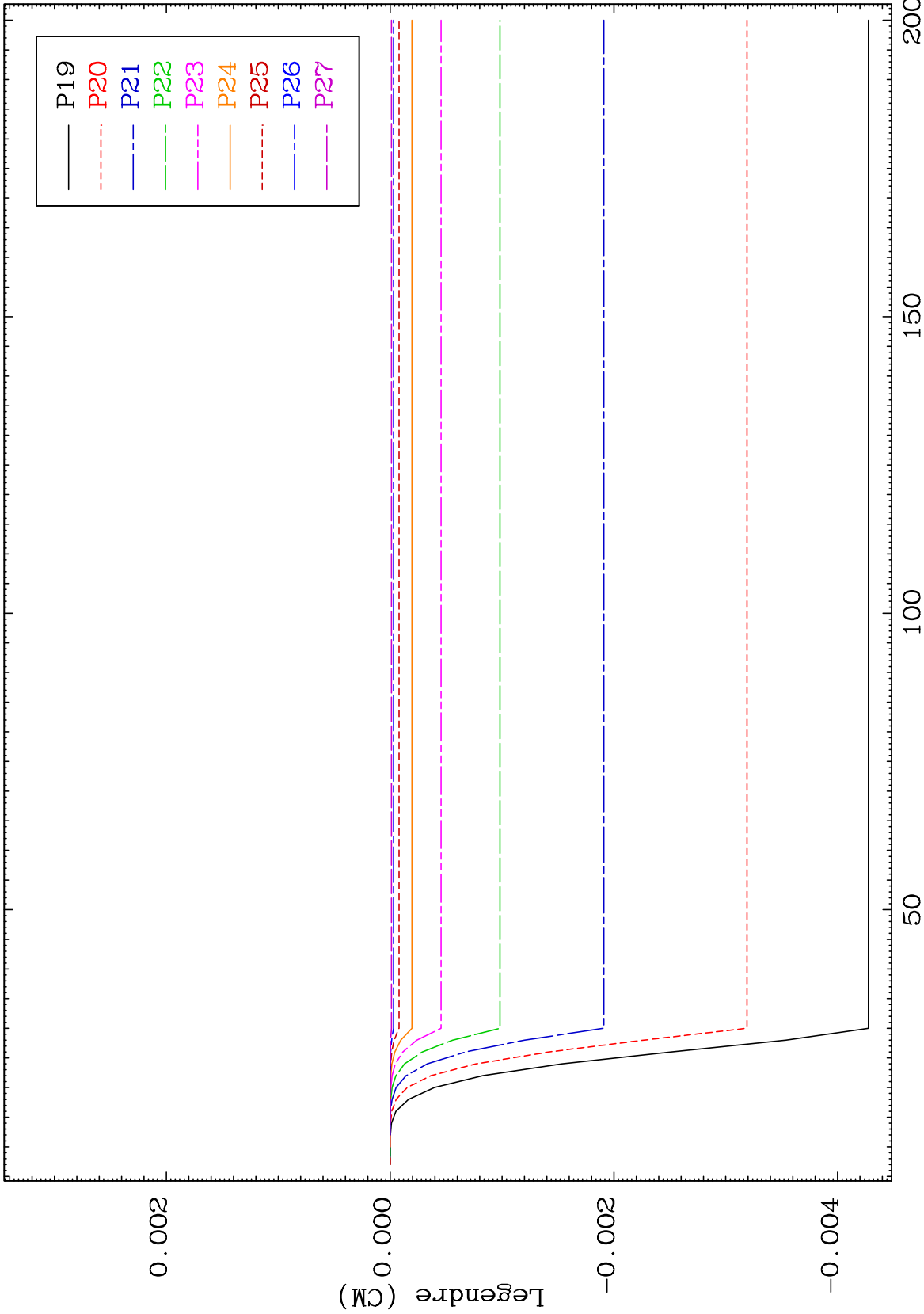
Incident Energy (MeV)

100

MAT 5552

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

55-Cs-142

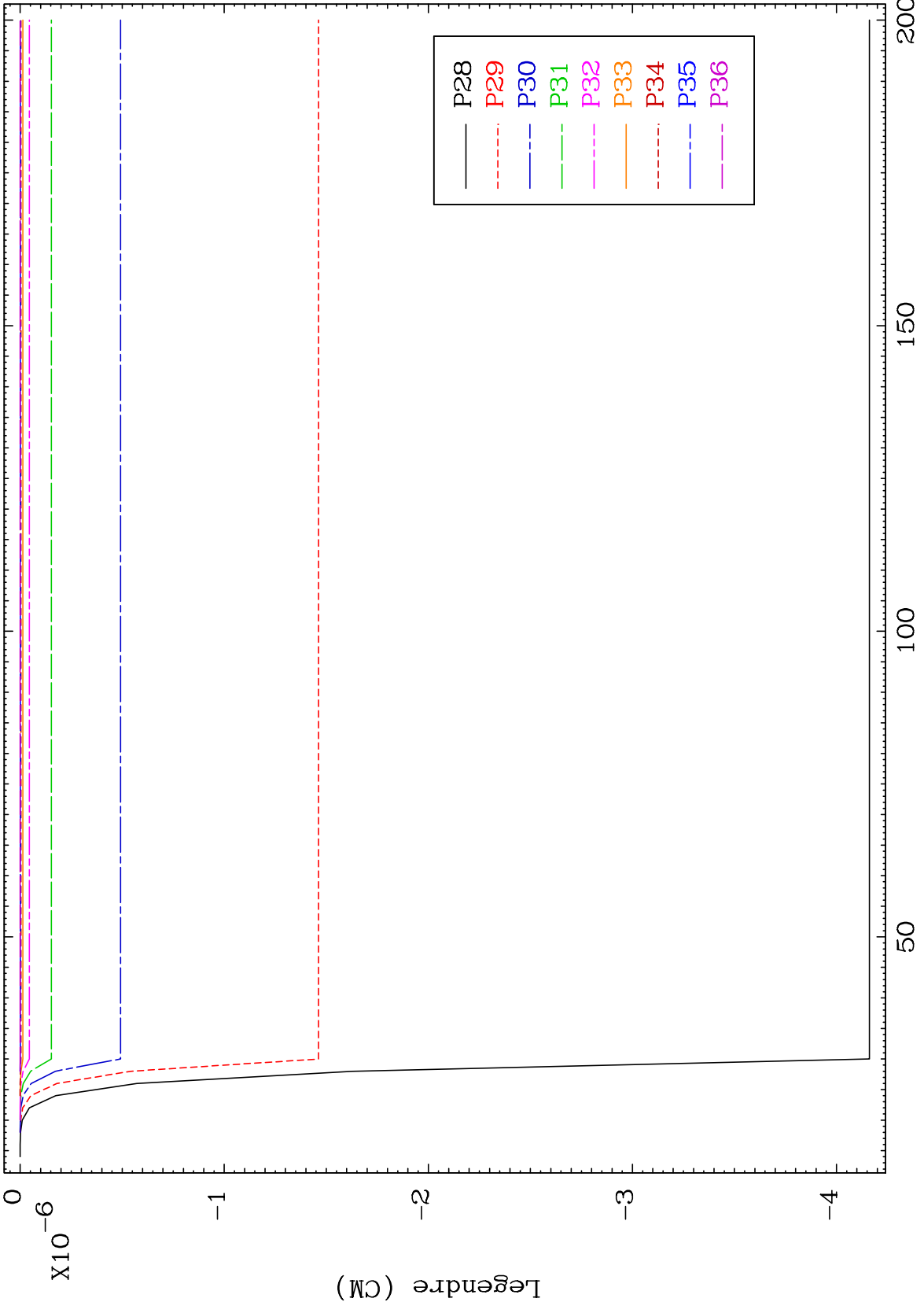


101

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-142

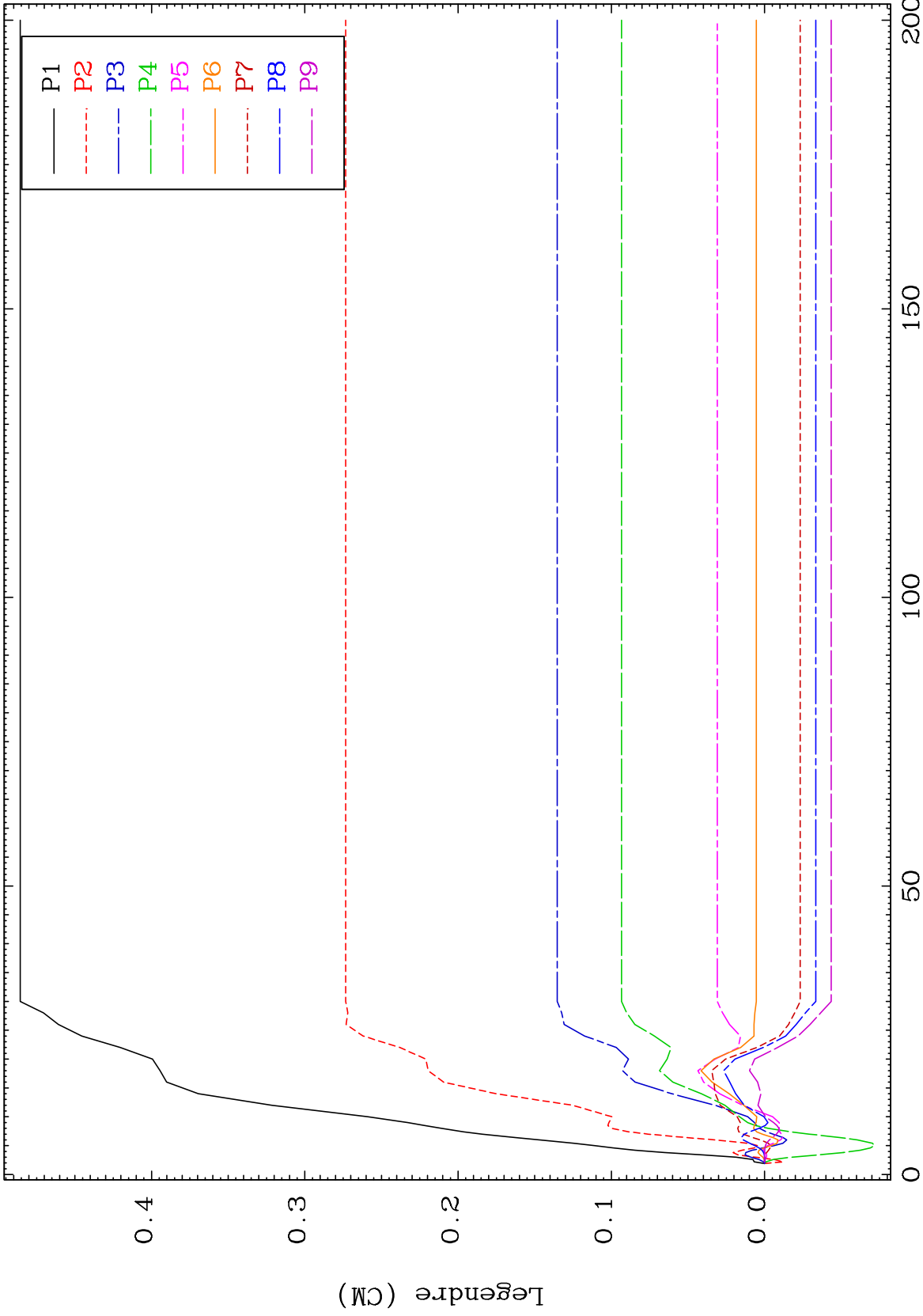


102 55-Cs-142

MAT 5552

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

55-Cs-142



103

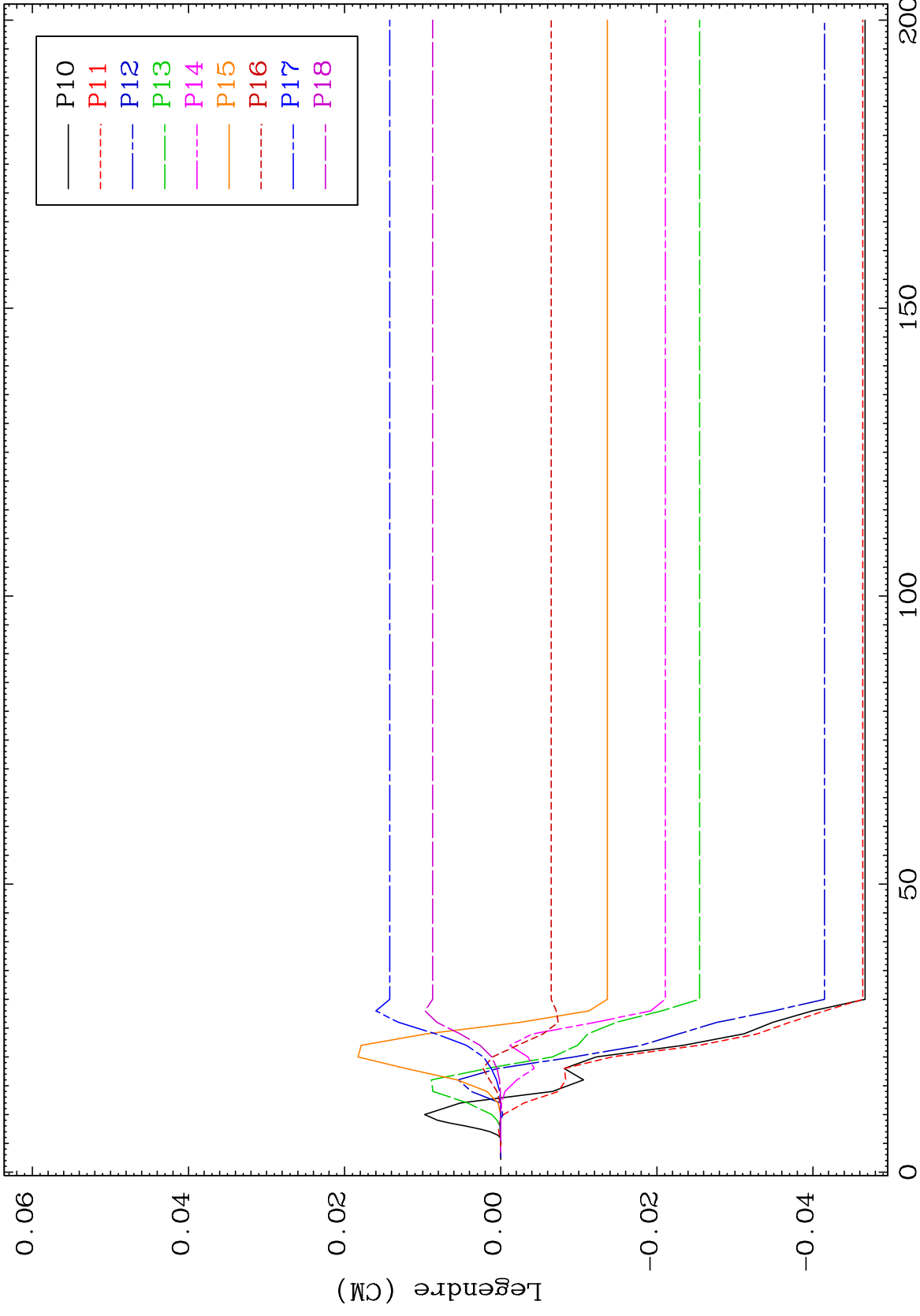
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



55-Cs-142

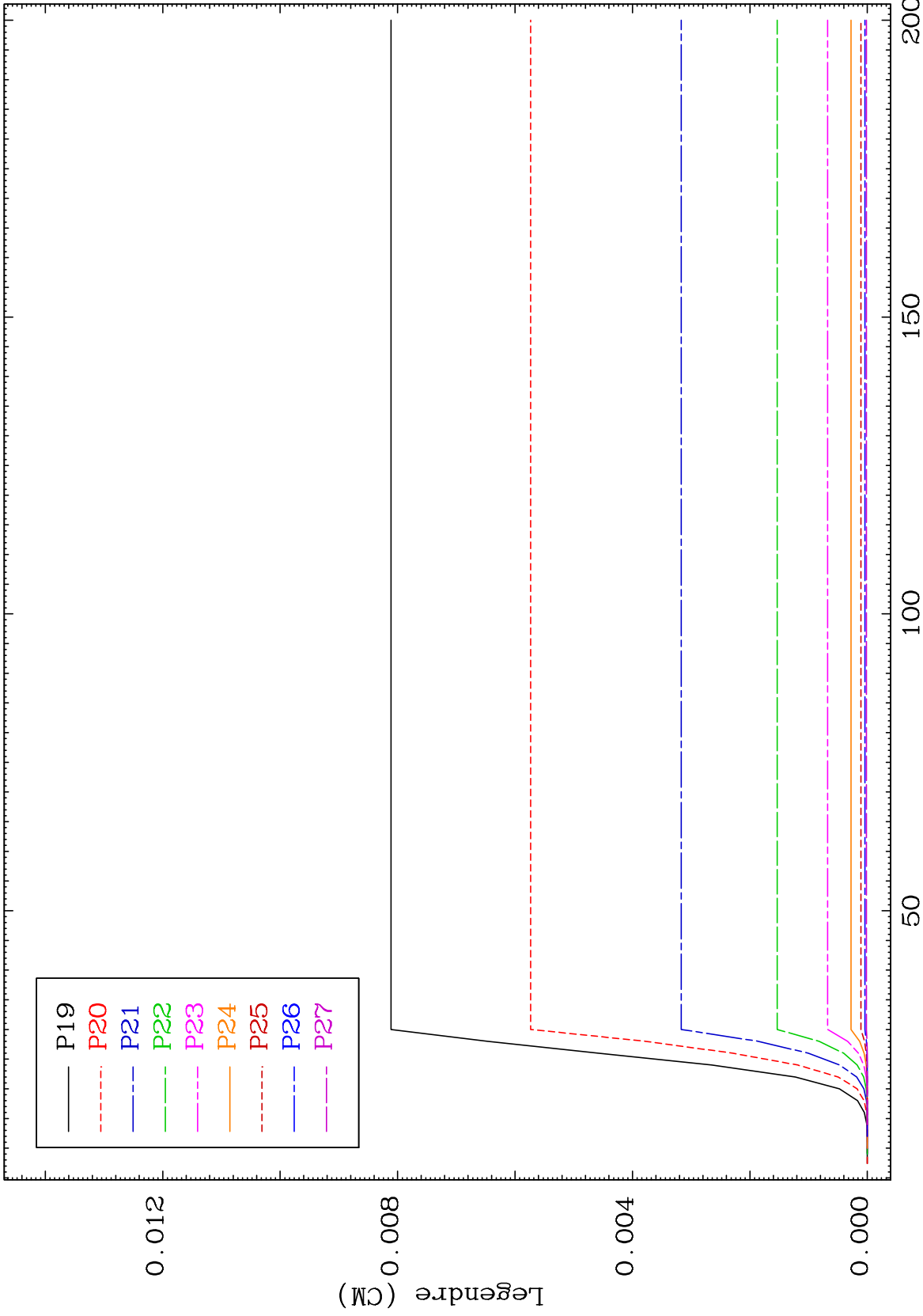
Incident Energy (MeV)

104

MAT 5552

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

55-Cs-142



105

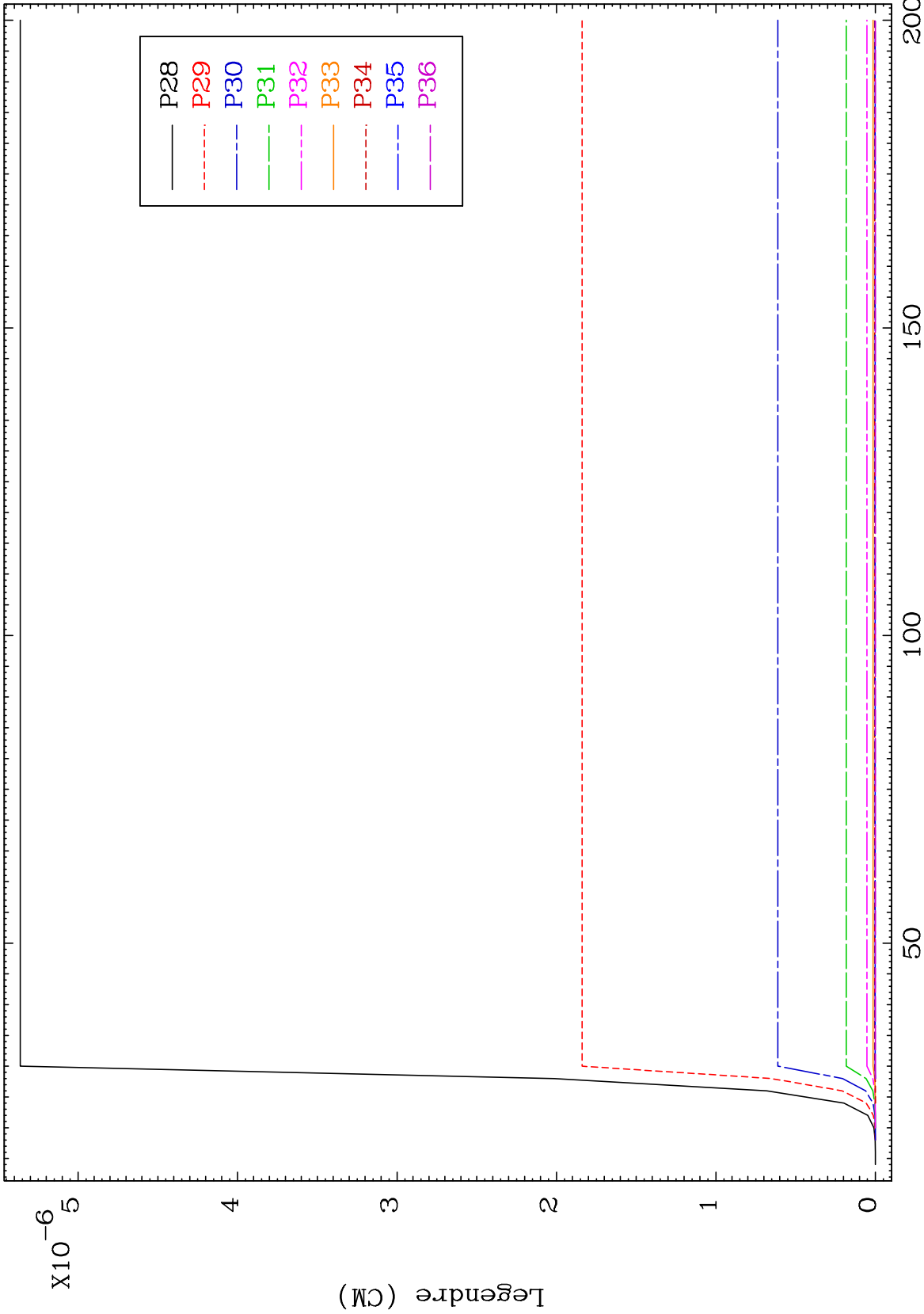
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



106

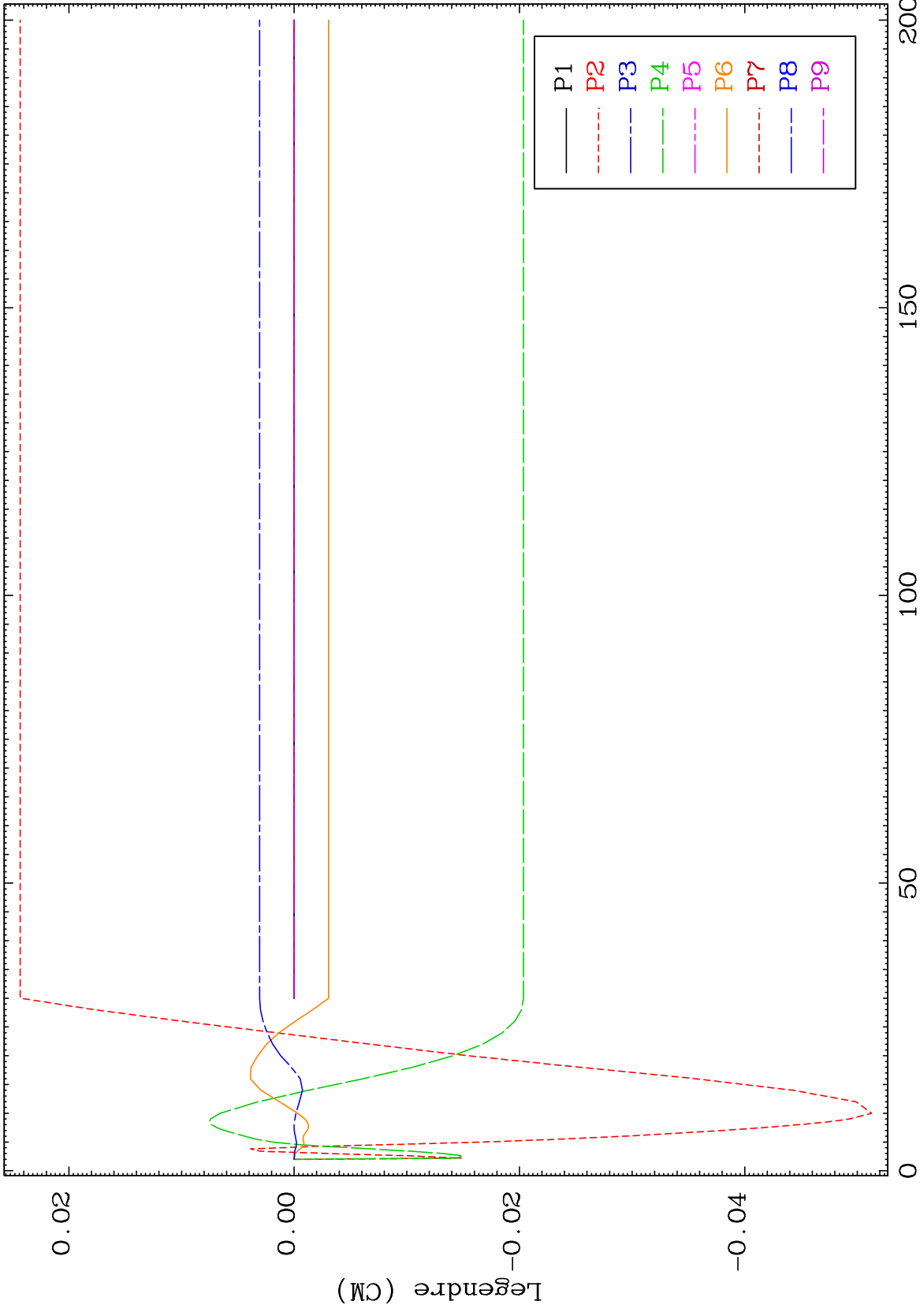
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142



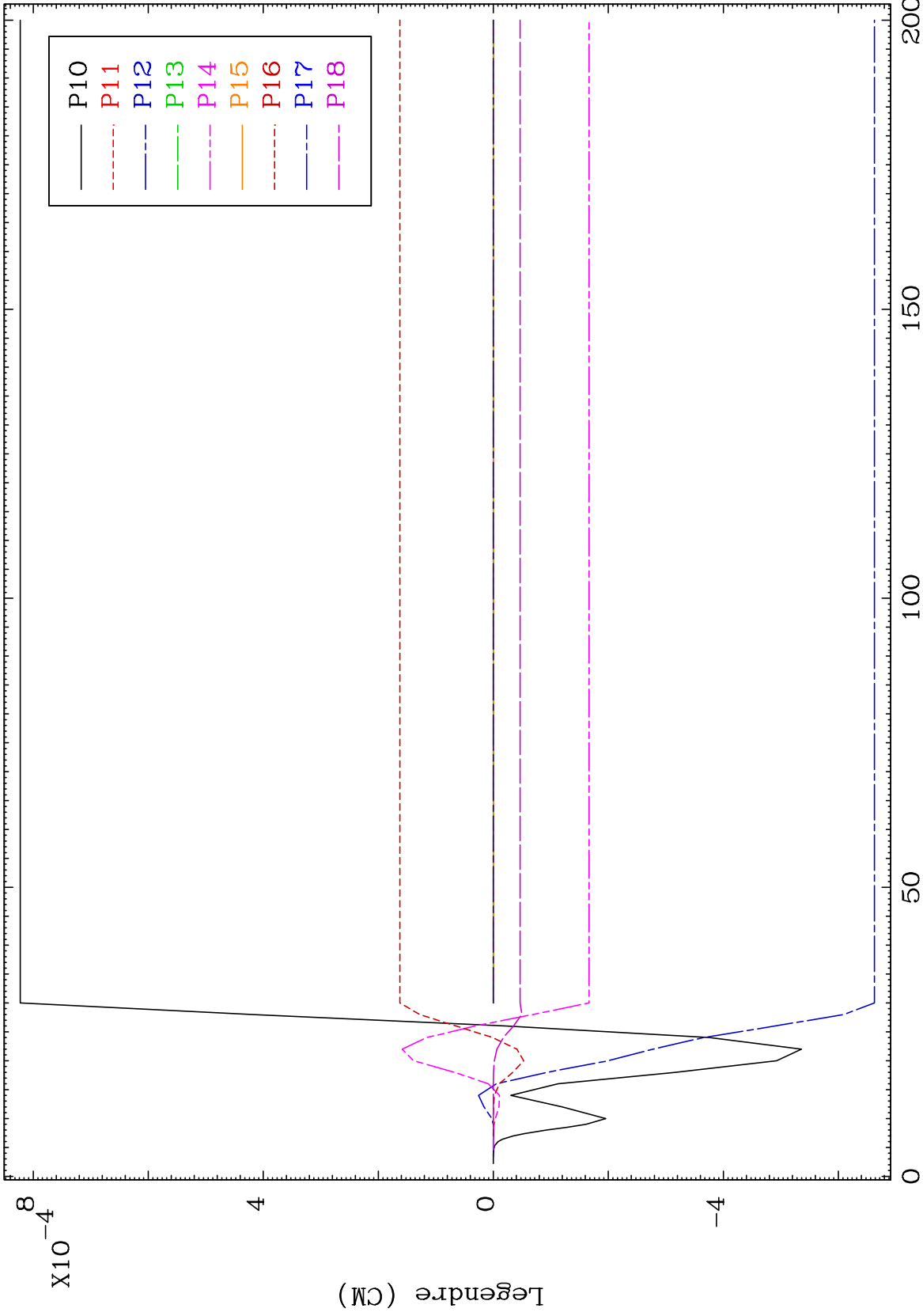
107

55-Cs-142

MAT 5552

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

55-Cs-142

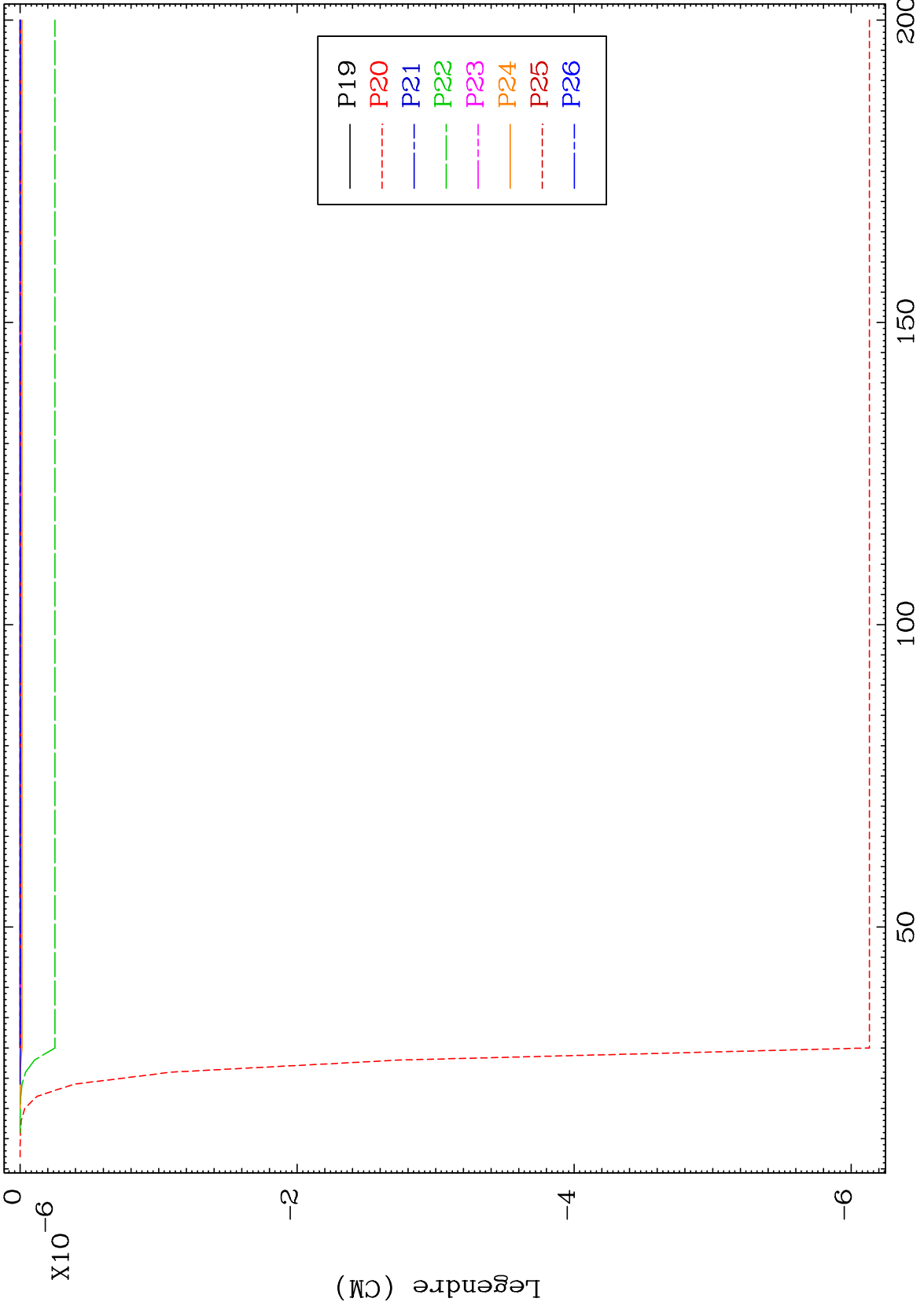


108

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-142

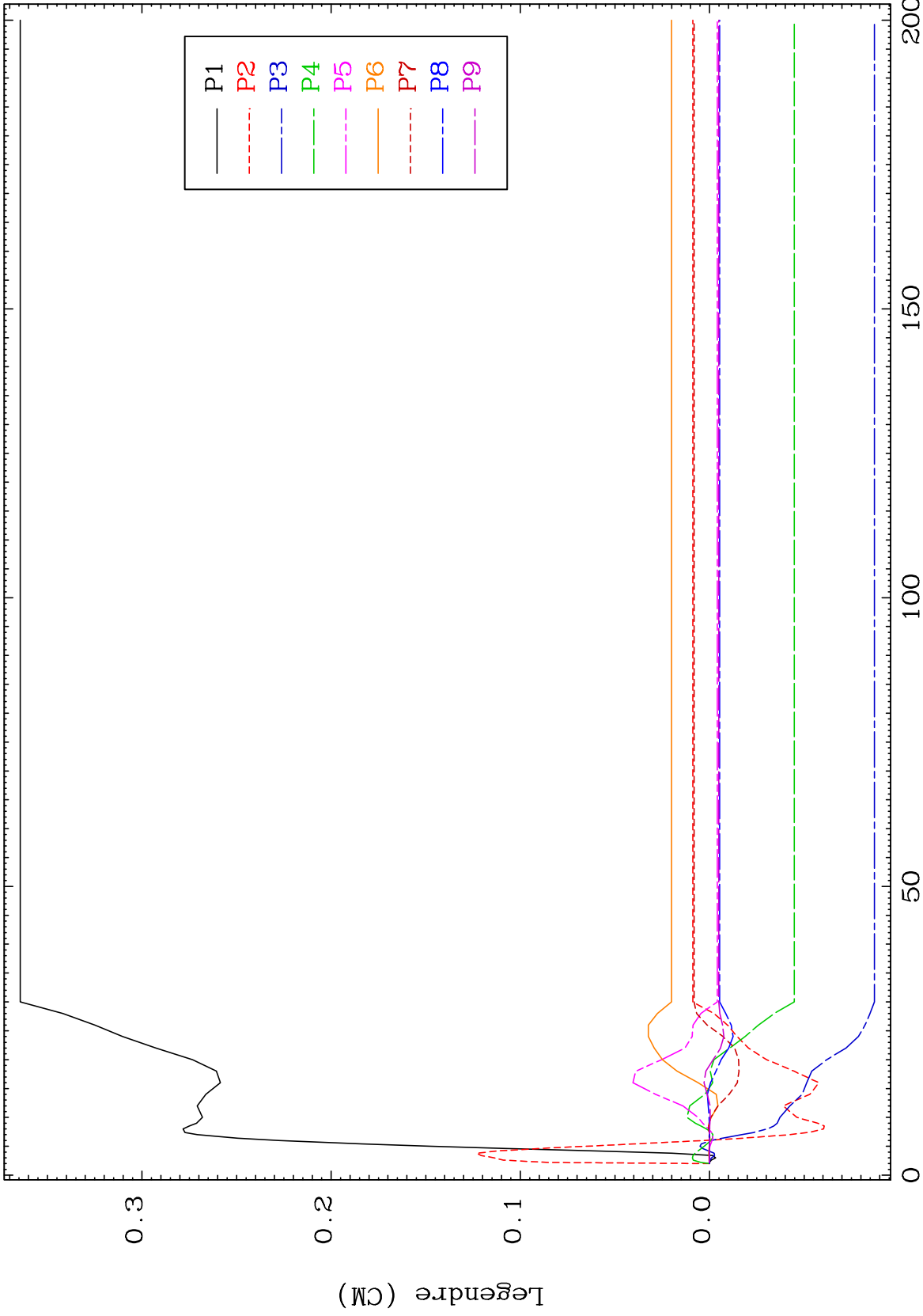


109 55-Cs-142

MAT 5552

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

55-Cs-142



110

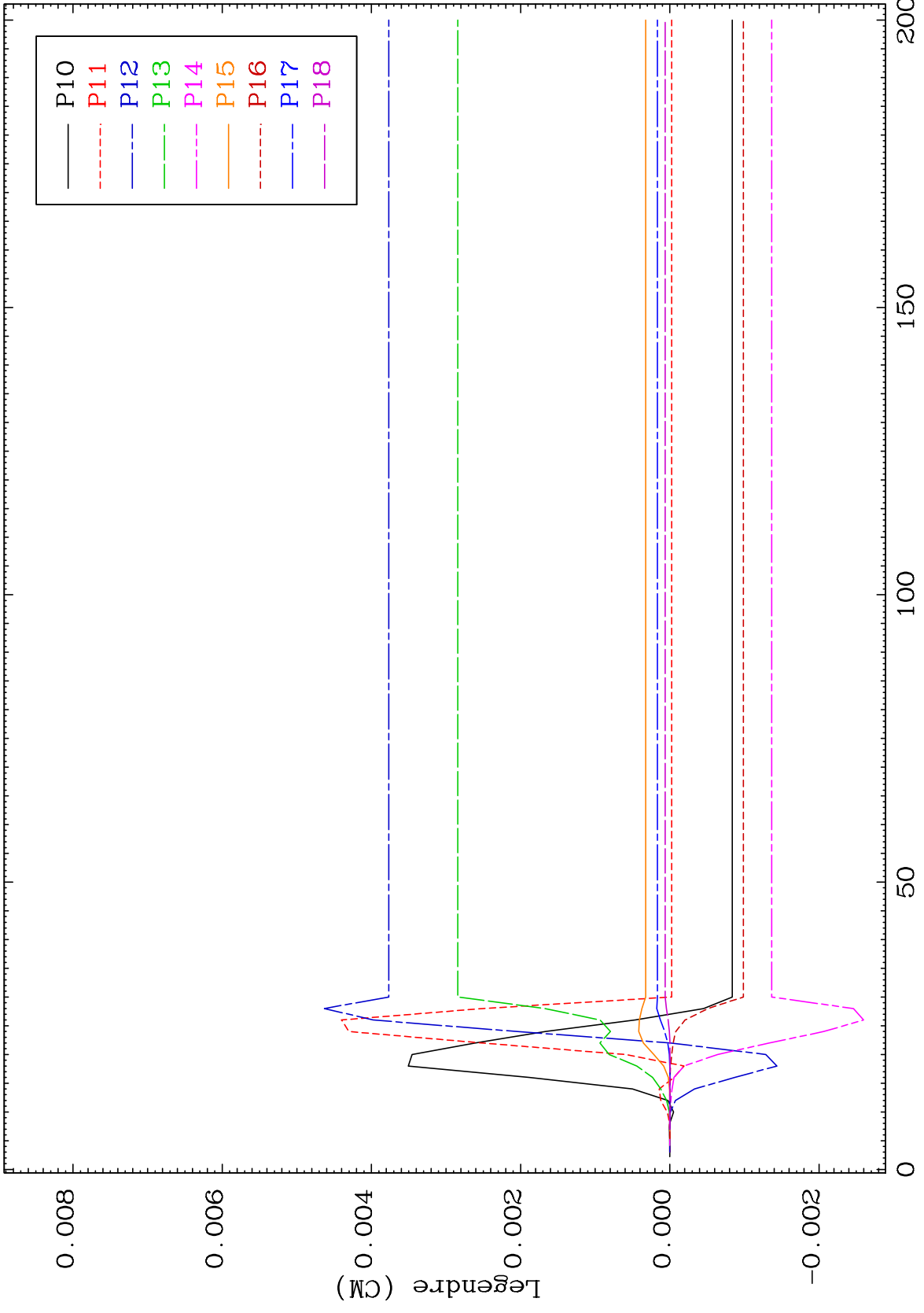
Incident Energy (MeV)

55-Cs-142

MAT 5552

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

55-Cs-142

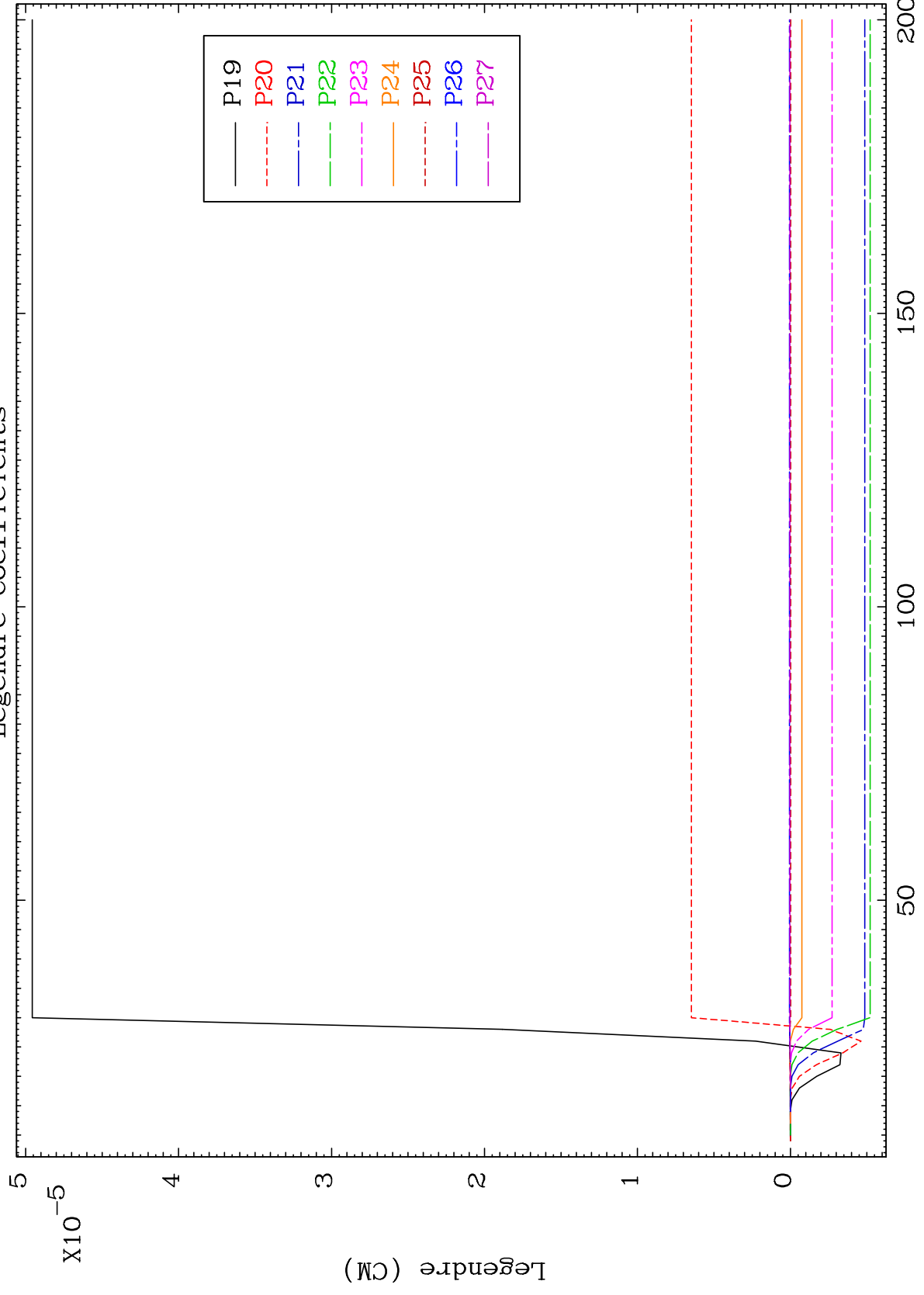


111

Incident Energy (MeV)

55-Cs-142

MAT 5552 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-142

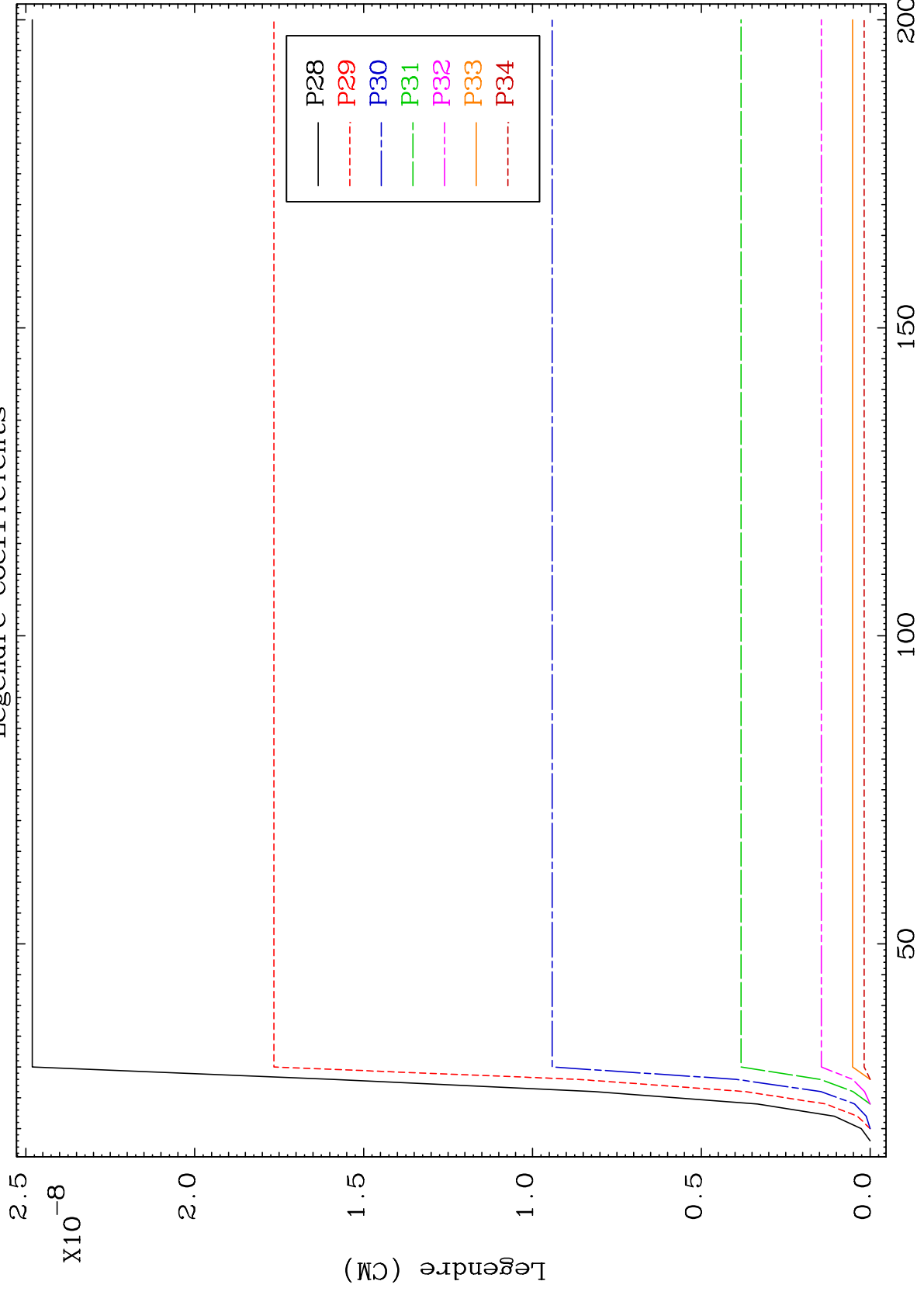


112 55-Cs-142

MAT 5552

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

55-Cs-142

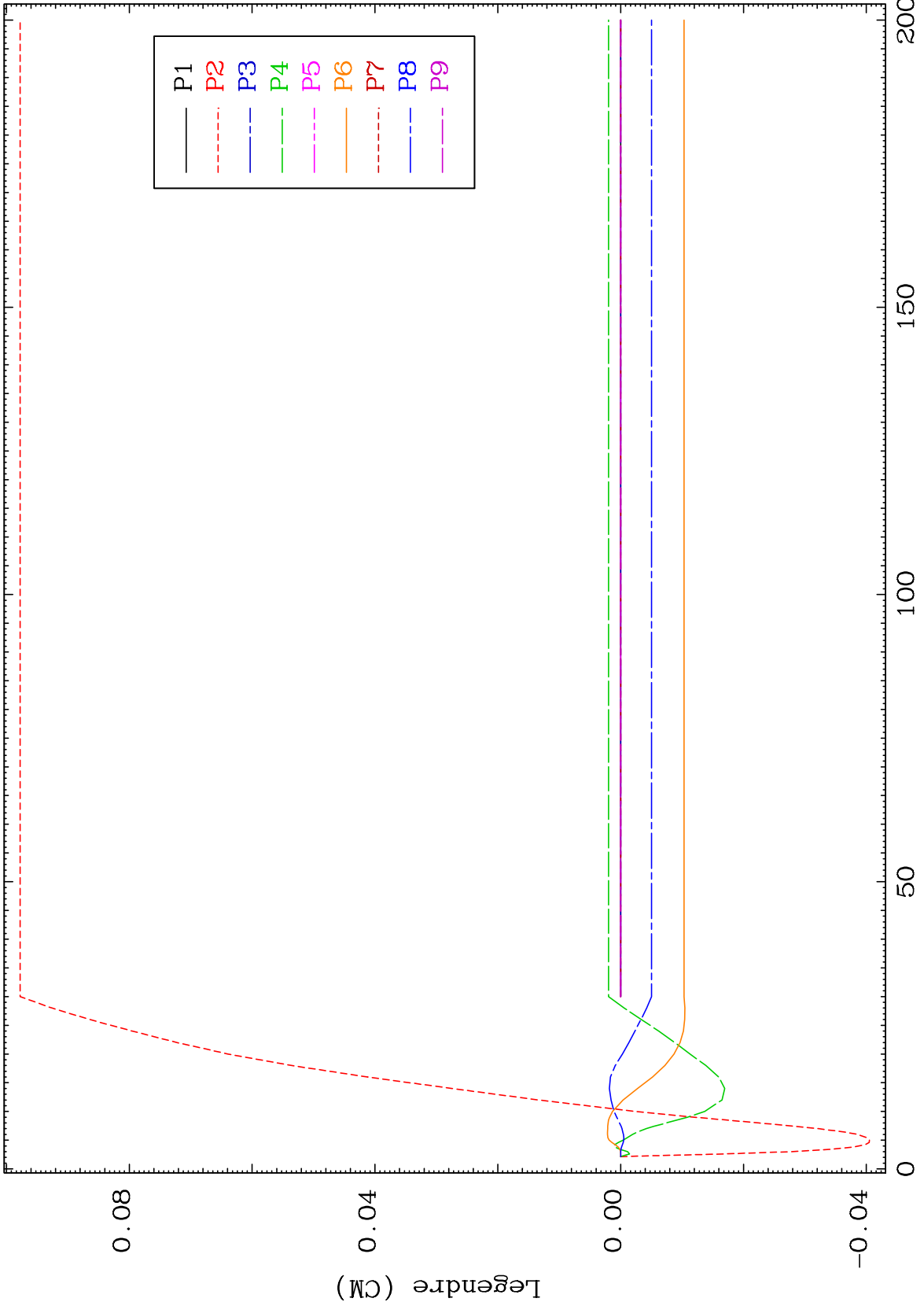


113

Incident Energy (MeV)

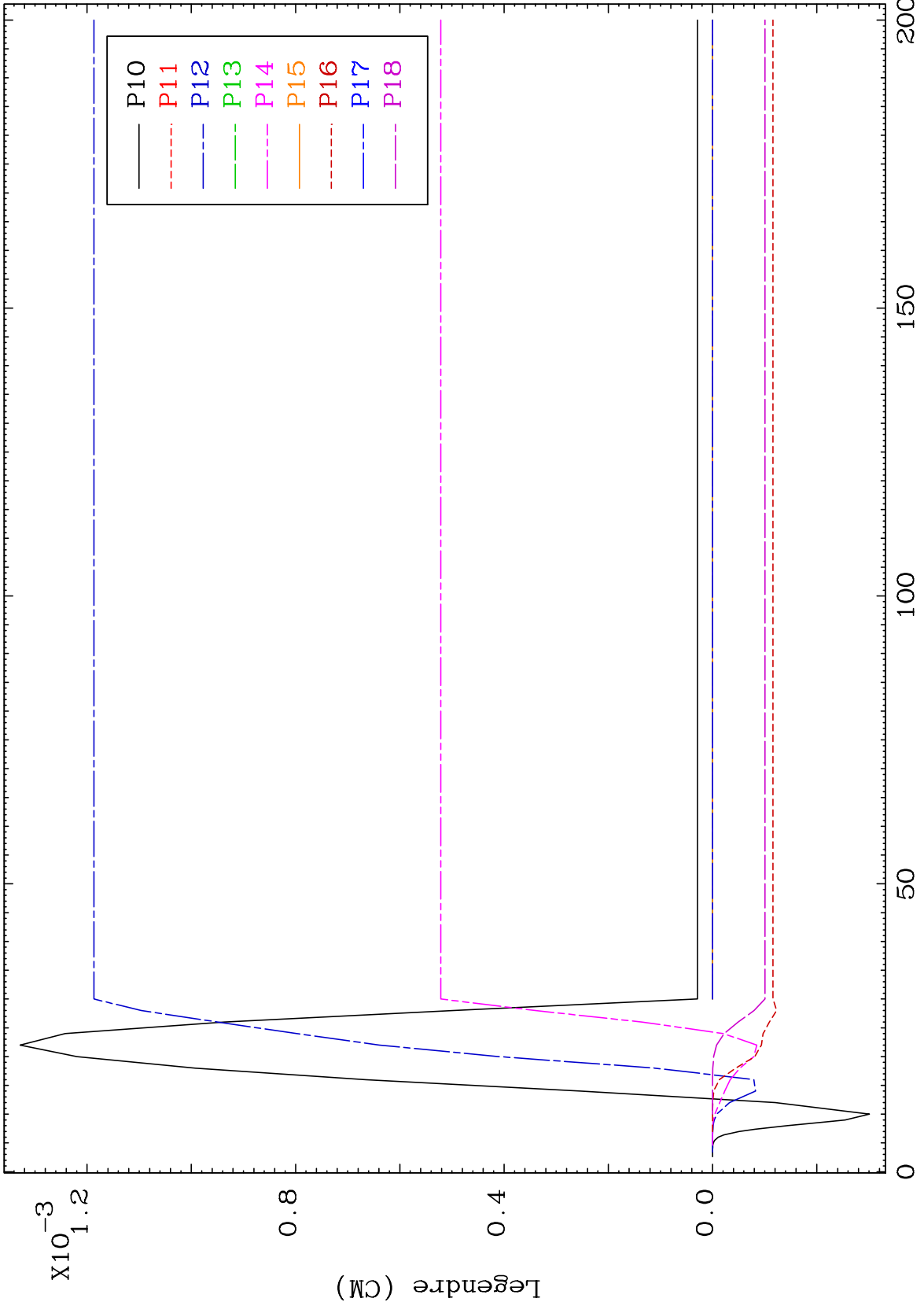
55-Cs-142

MAT 5552 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-142



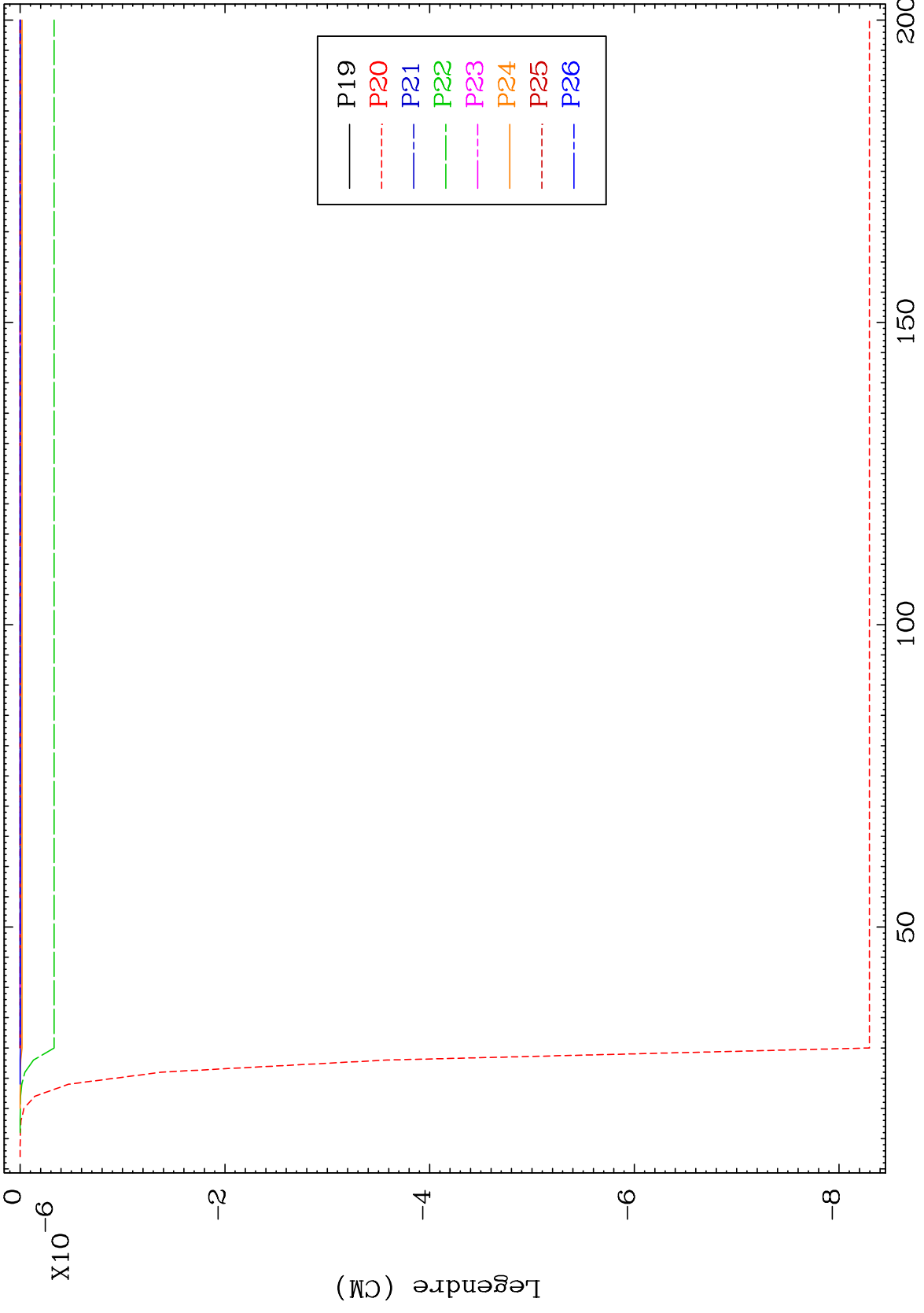
114 55-Cs-142

MAT 5552 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-142



115 55-Cs-142

MAT 5552 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-142



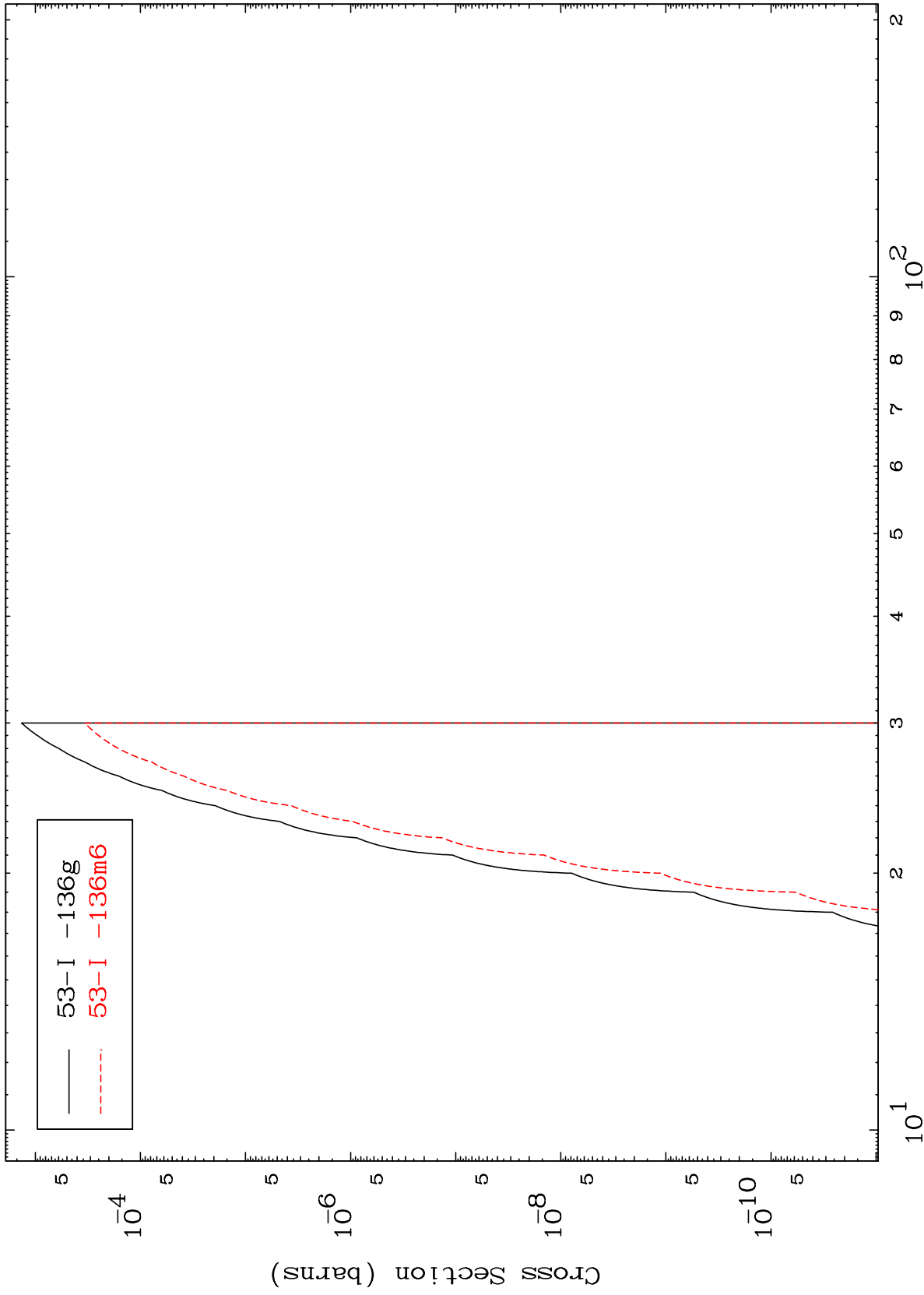
116 Incident Energy (MeV) 55-Cs-142

MAT 5552

(n,3n) α

55-Cs-142

Radionuclide Production Cross Section



117

Incident Energy (MeV)

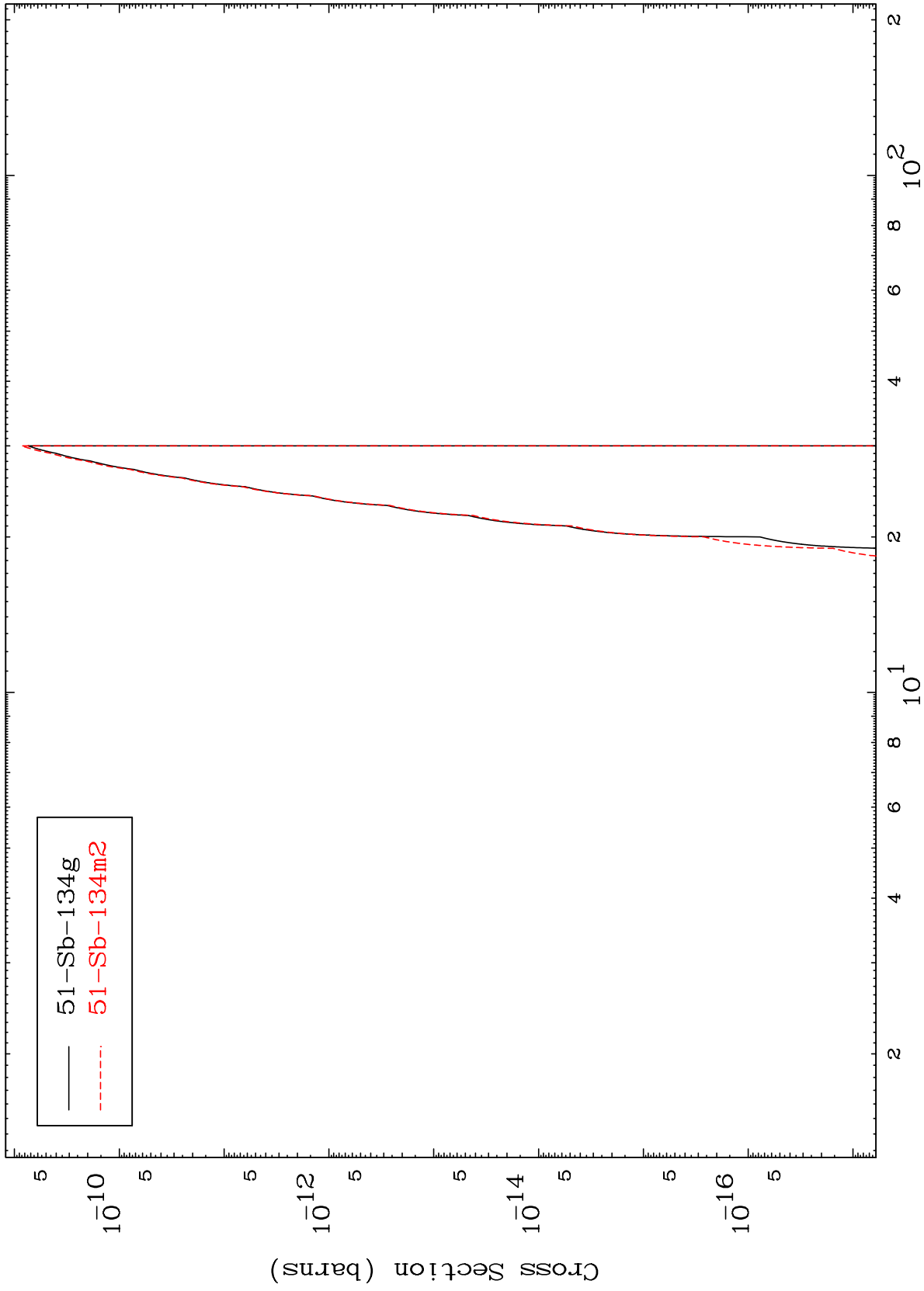
55-Cs-142

MAT 5552

(n,n') 2 α

55-Cs-142

Radionuclide Production Cross Section



118

Incident Energy (MeV)

55-Cs-142