

Program EVALPLOT
(Version 2018-1)

by

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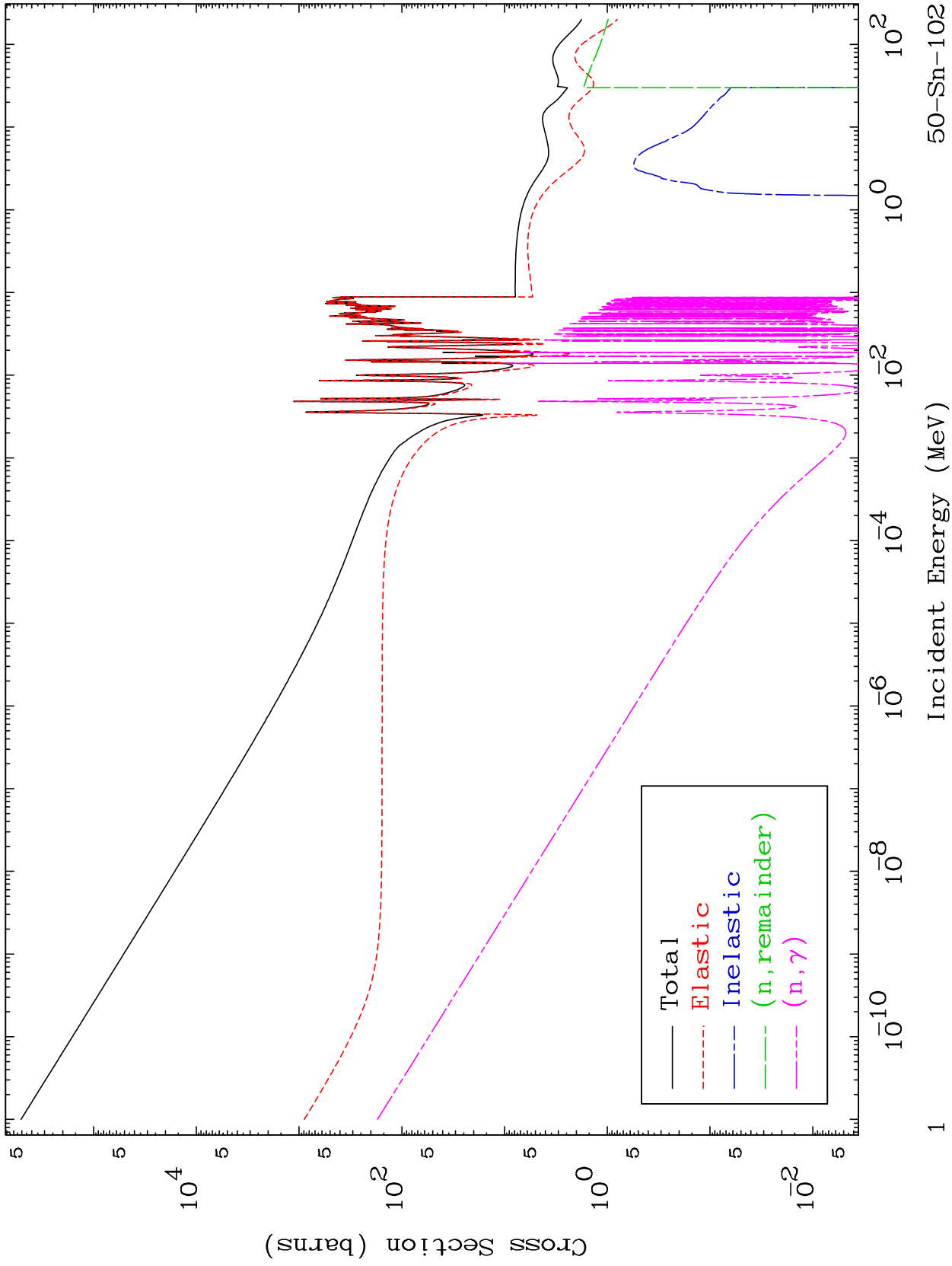
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4995

Major
293 Kelvin Cross Sections

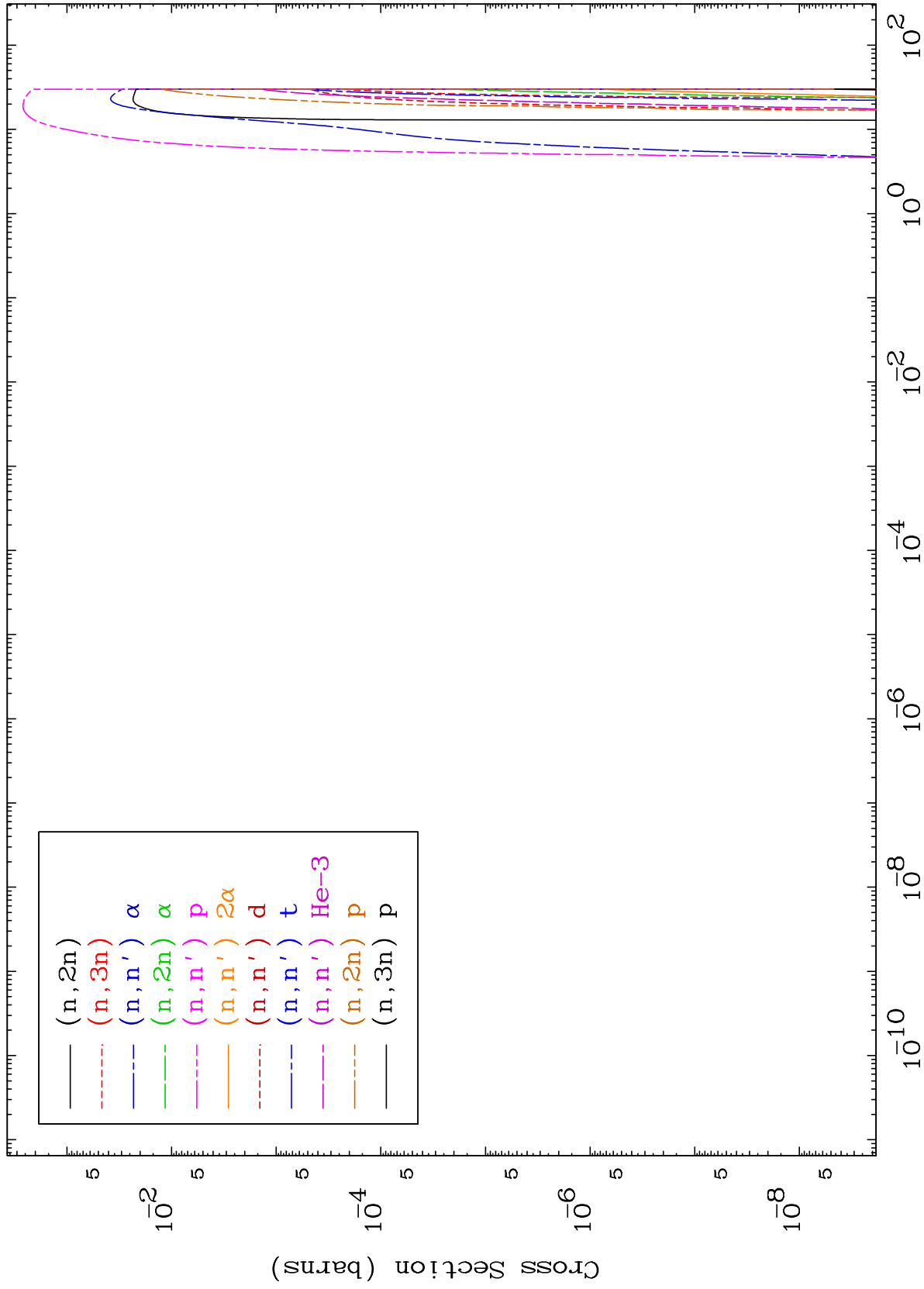
50-Sn-102



MAT 4995

Neutron Production
293 Kelvin Cross Sections

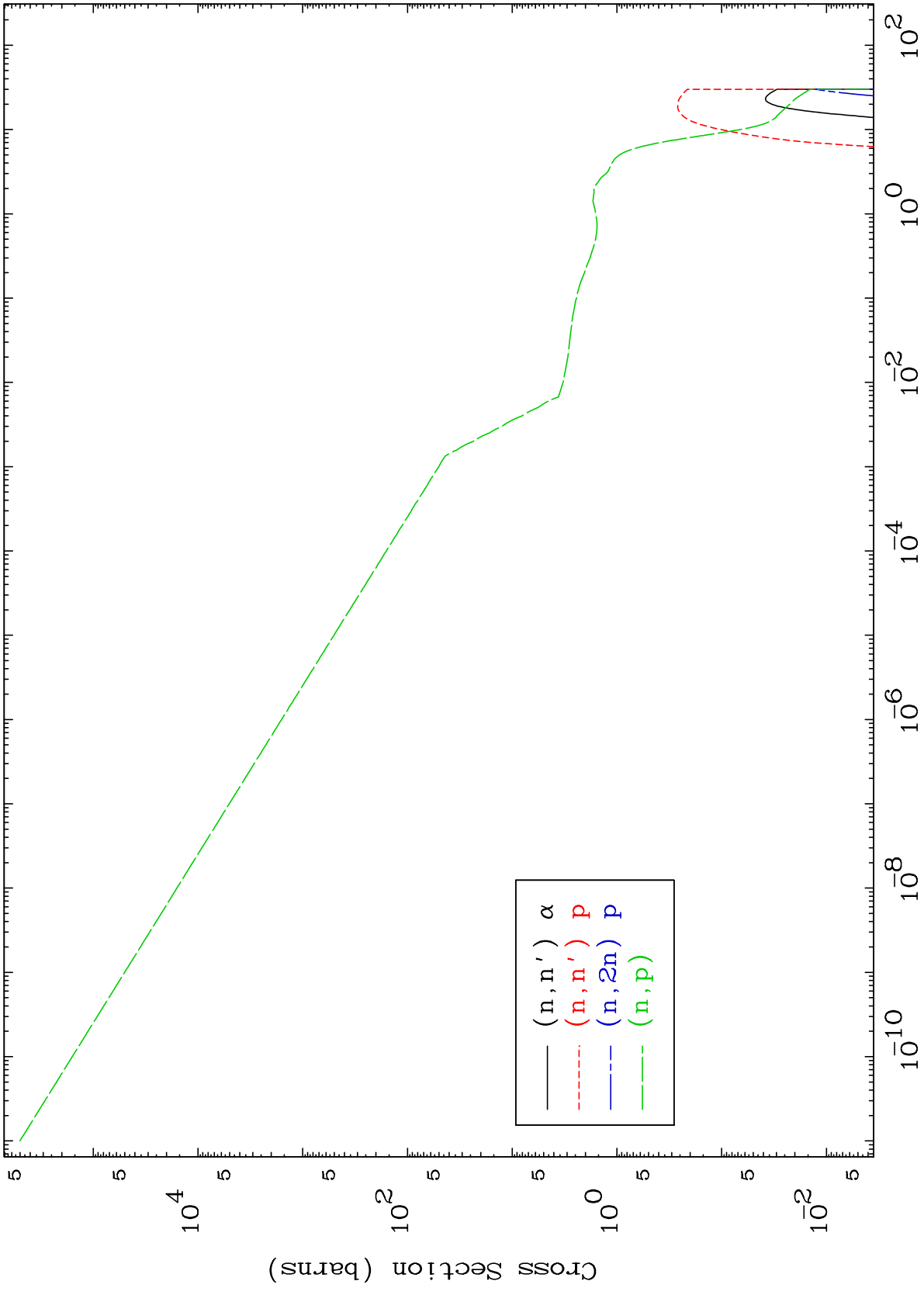
50-Sn-102



MAT 4995

293 Kelvin Cross Sections

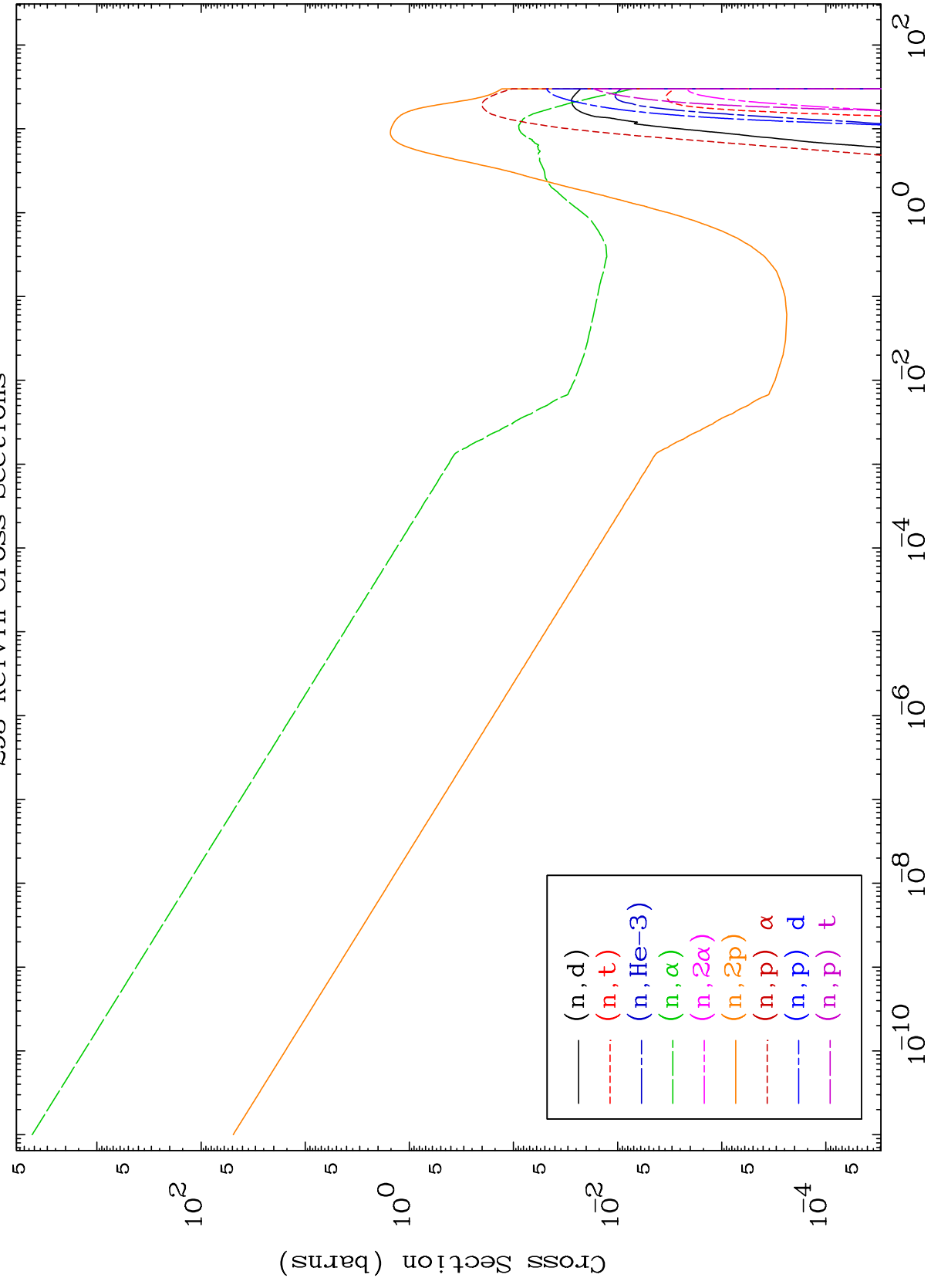
50-Sn-102



MAT 4995

293 Kelvin Cross Sections

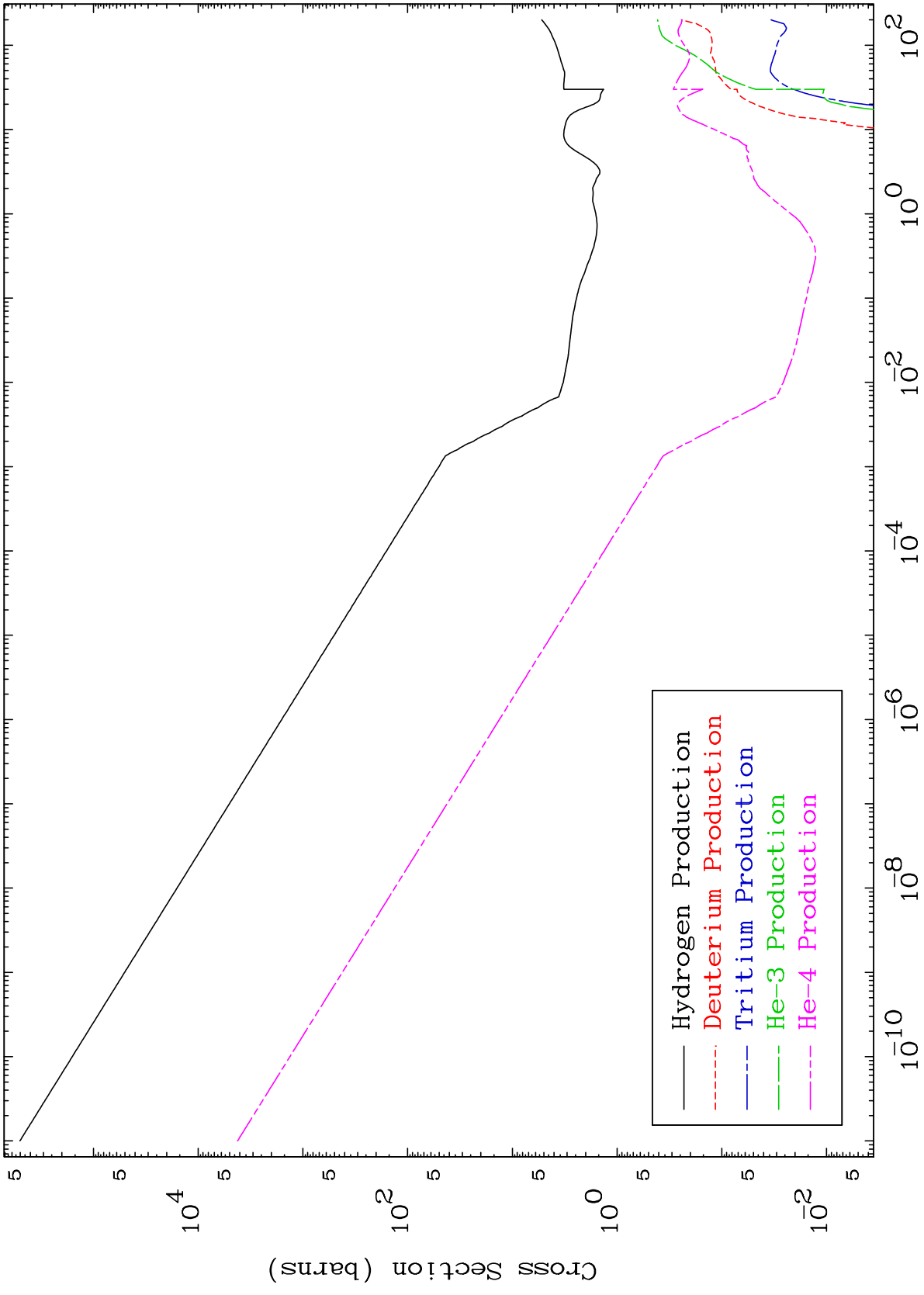
50-Sn-102



MAT 4995

Particle Production
293 Kelvin Cross Sections

50-Sn-102



5

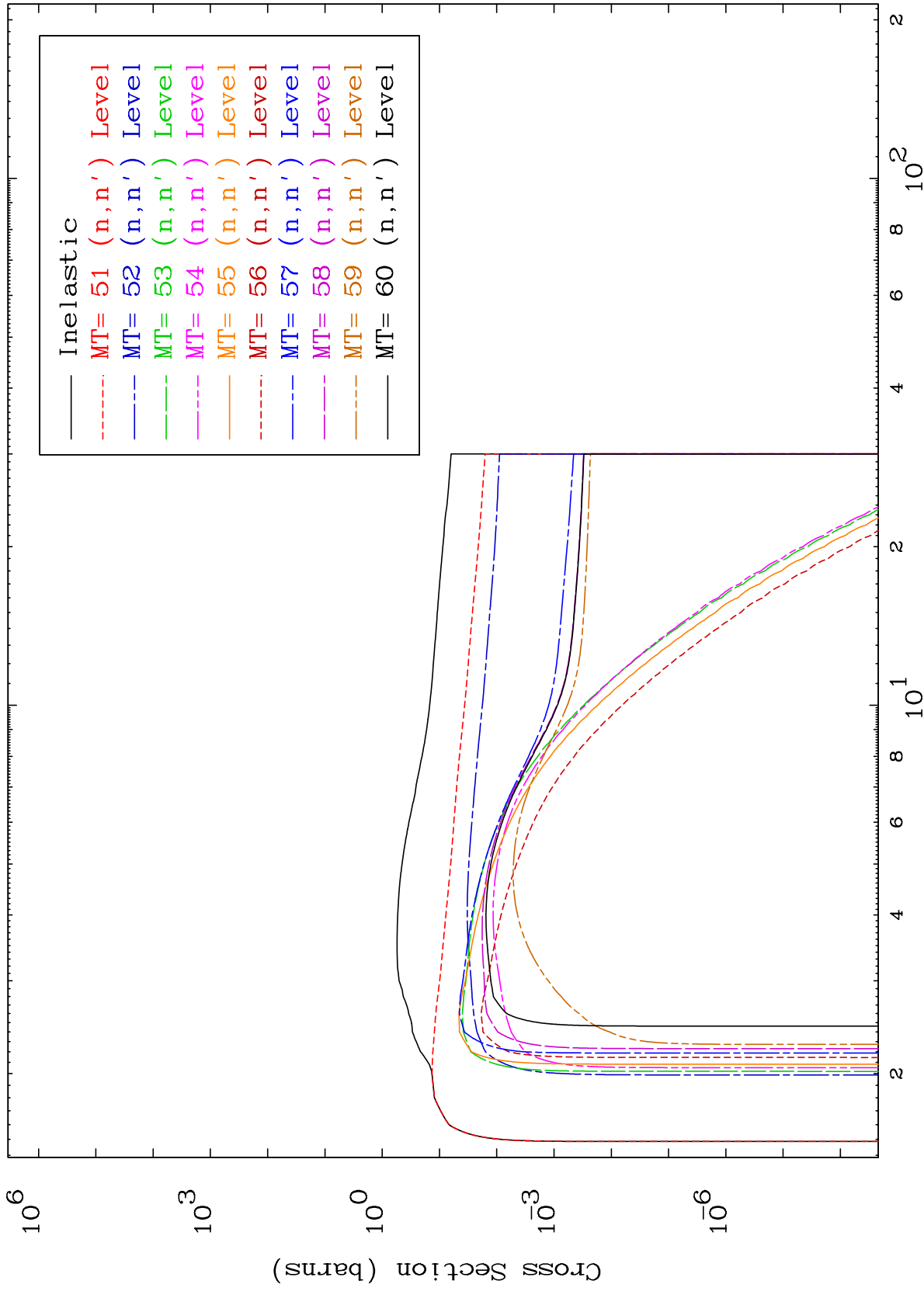
50-Sn-102

MAT 4995

(n,n') Level

50-Sn-102

293 Kelvin Cross Sections



6

Incident Energy (MeV)

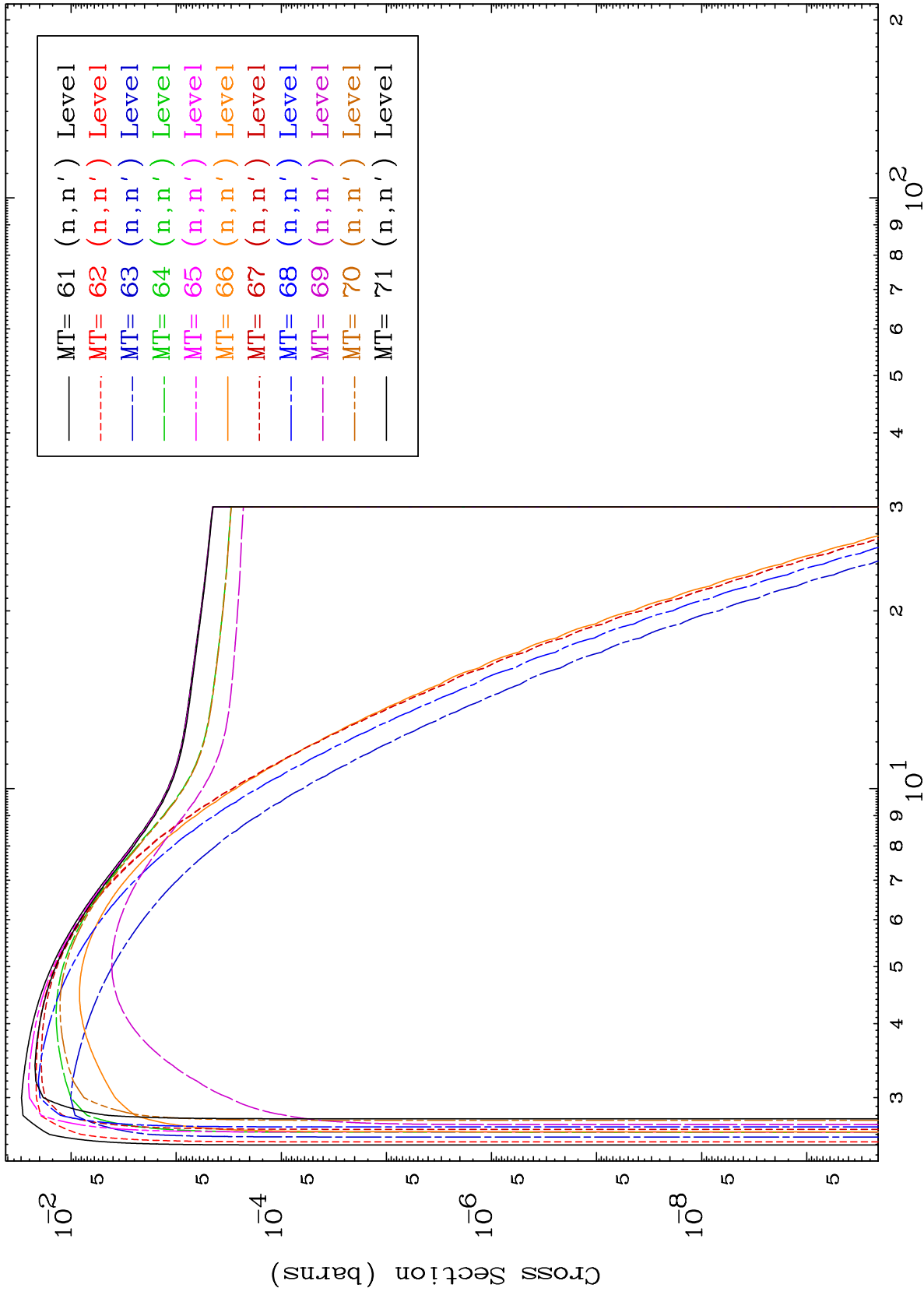
50-Sn-102

MAT 4995

(n,n') Level

50-Sn-102

293 Kelvin Cross Sections



7

Incident Energy (MeV)

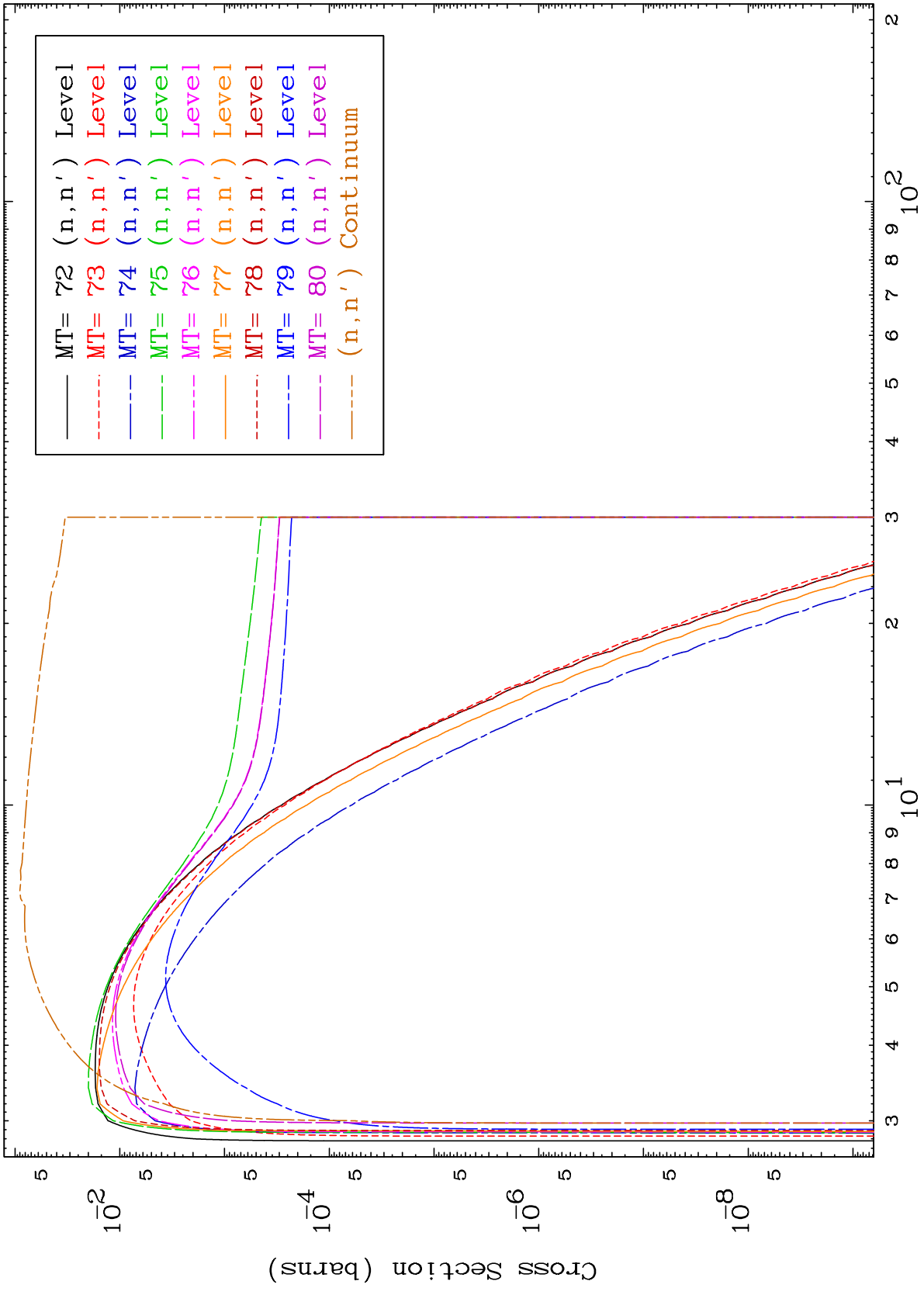
50-Sn-102

MAT 4995

(n,n') Level

50-Sn-102

293 Kelvin Cross Sections



8

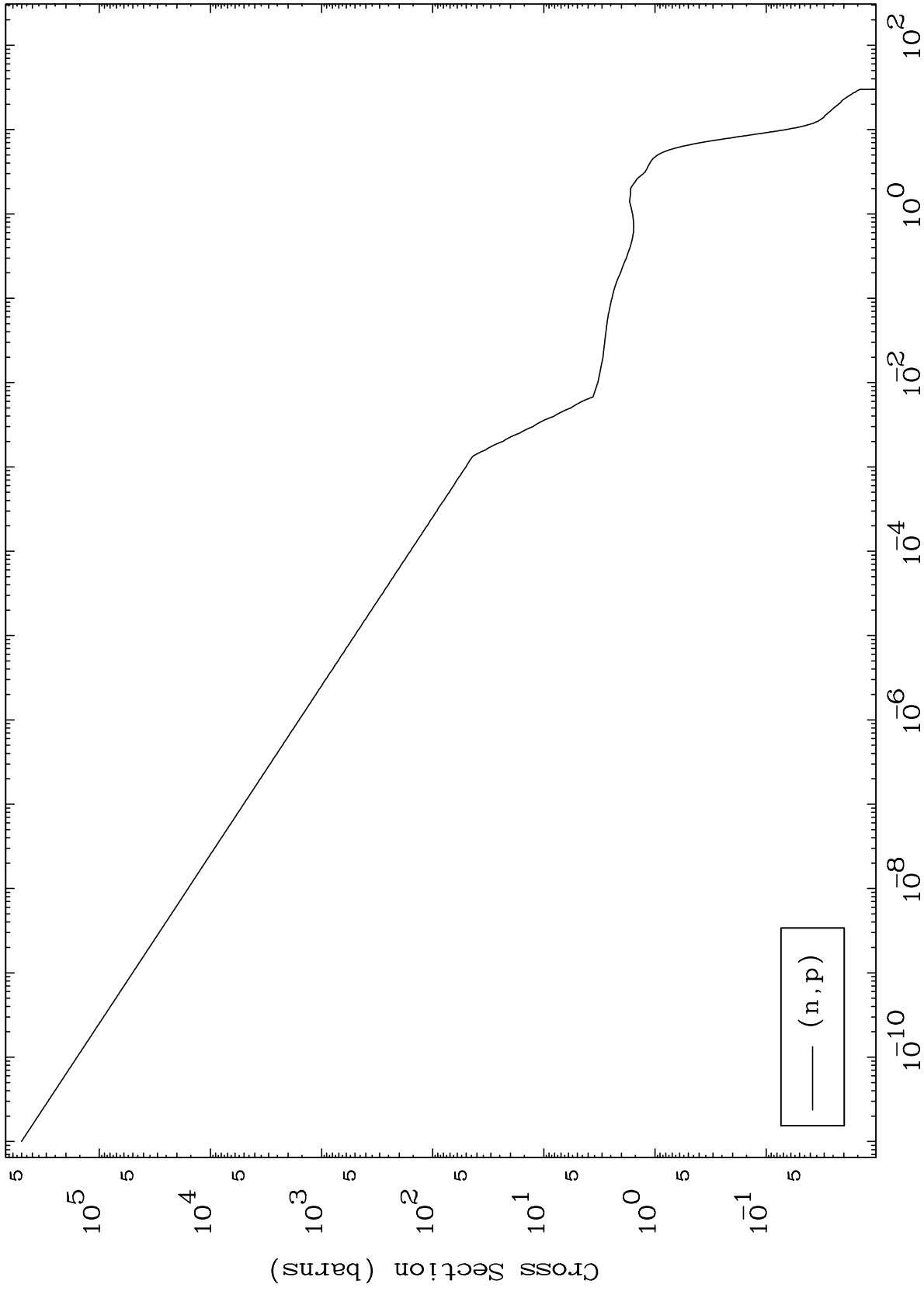
Incident Energy (MeV)

50-Sn-102

MAT 4995

293 Kelvin Cross Sections
(n,p) Levels

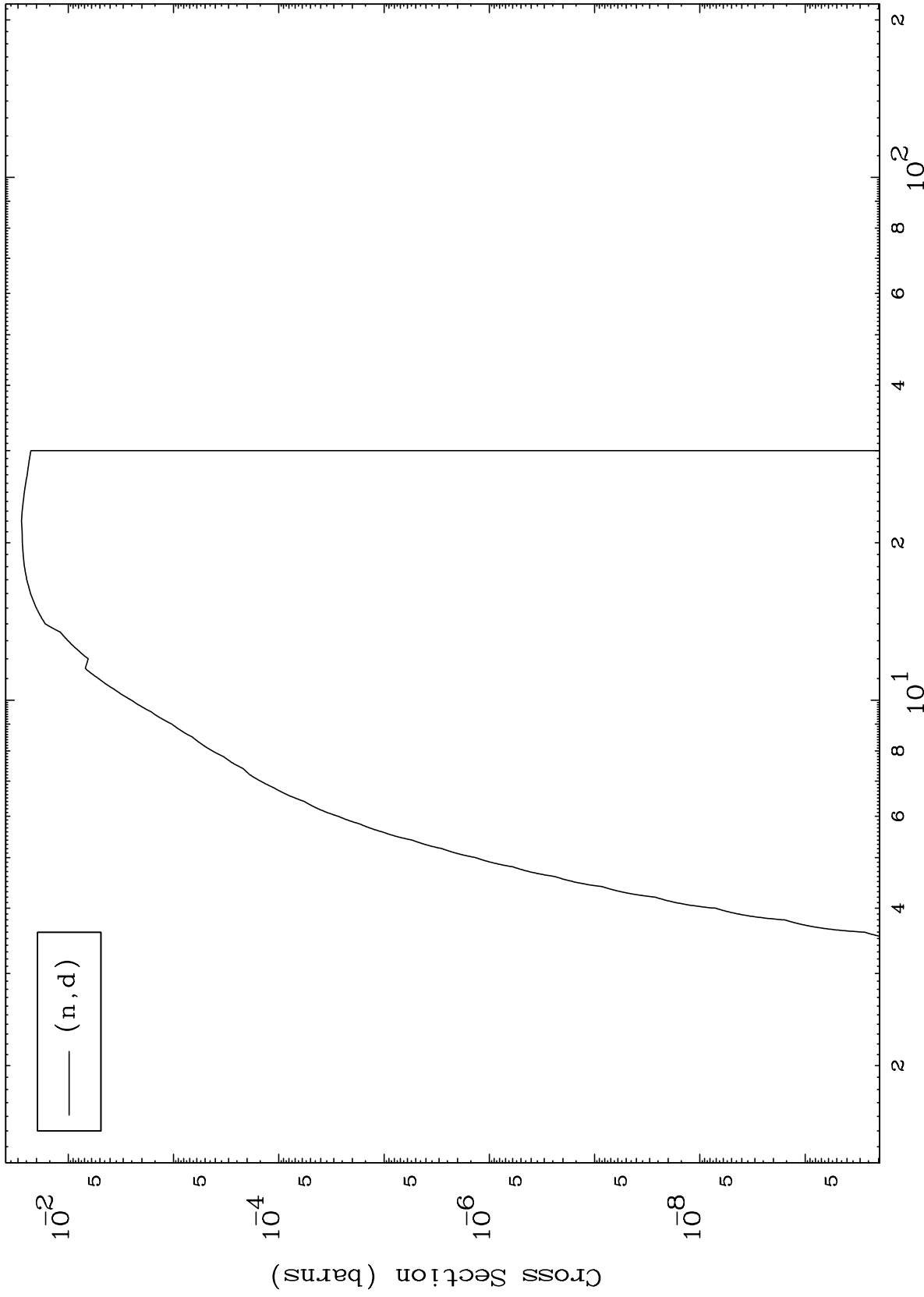
50-Sn-102



MAT 4995

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-102



(n,d)

10

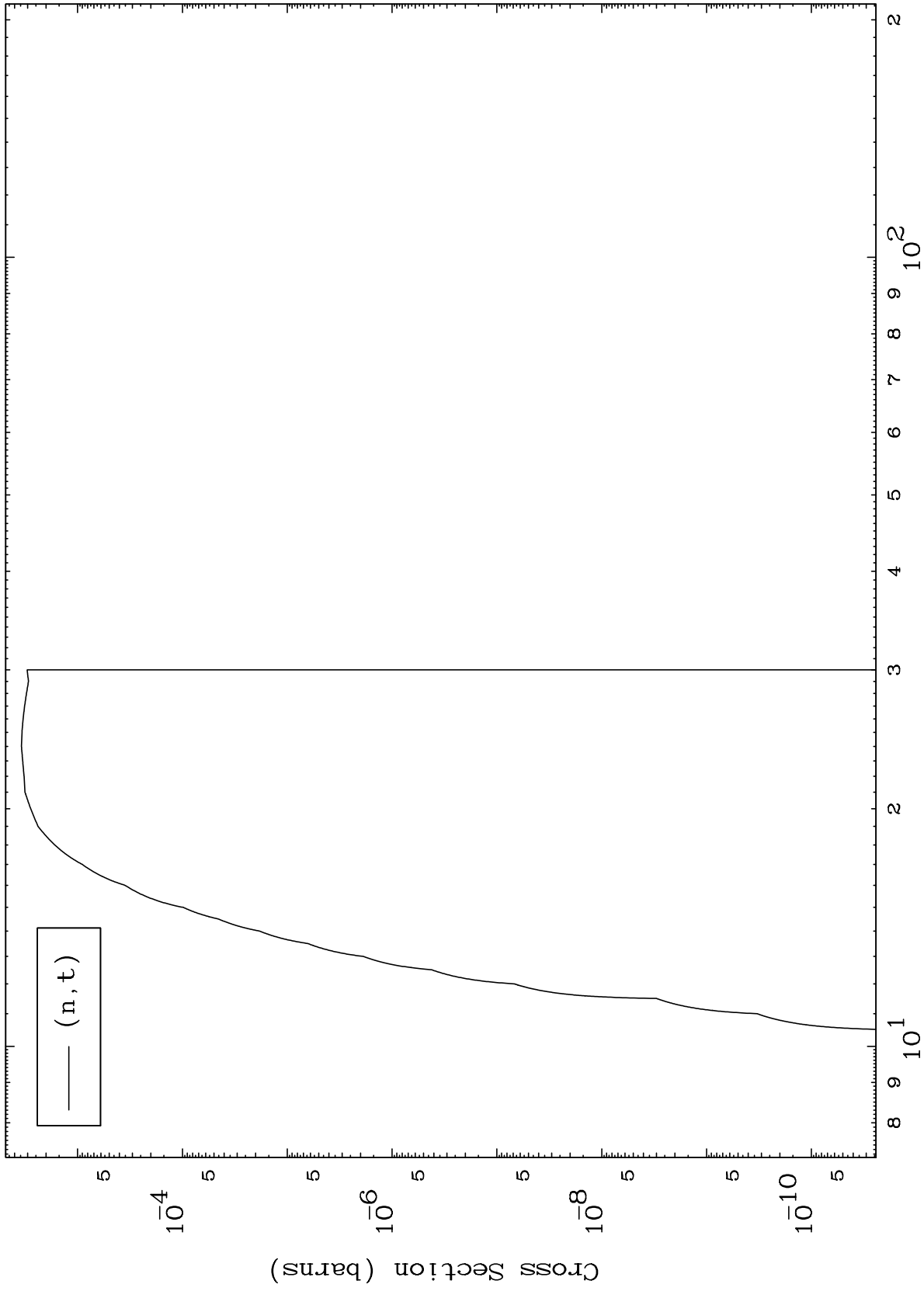
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-102



11

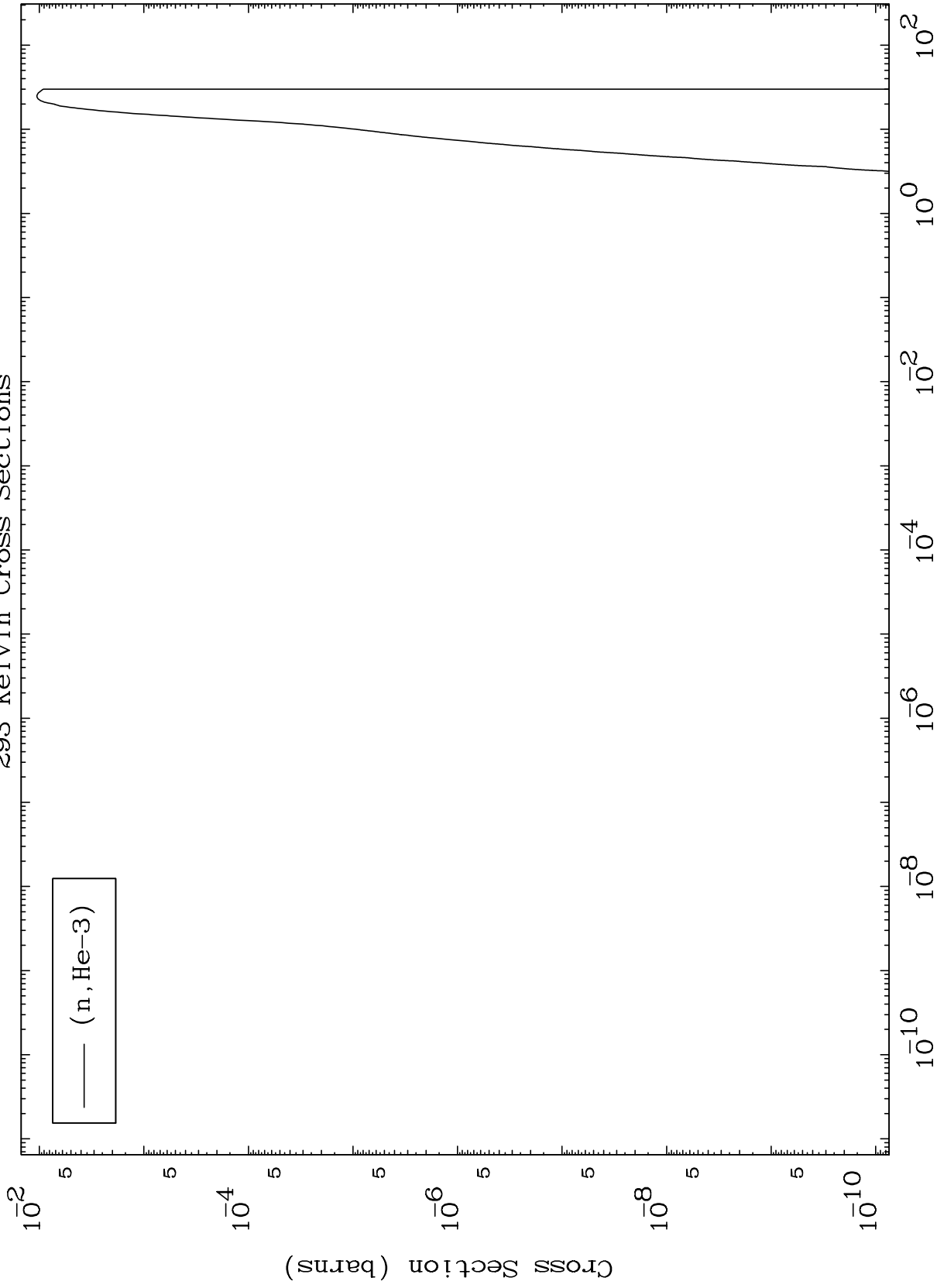
Incident Energy (MeV)

50-Sn-102

MAT 4995

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-102



12

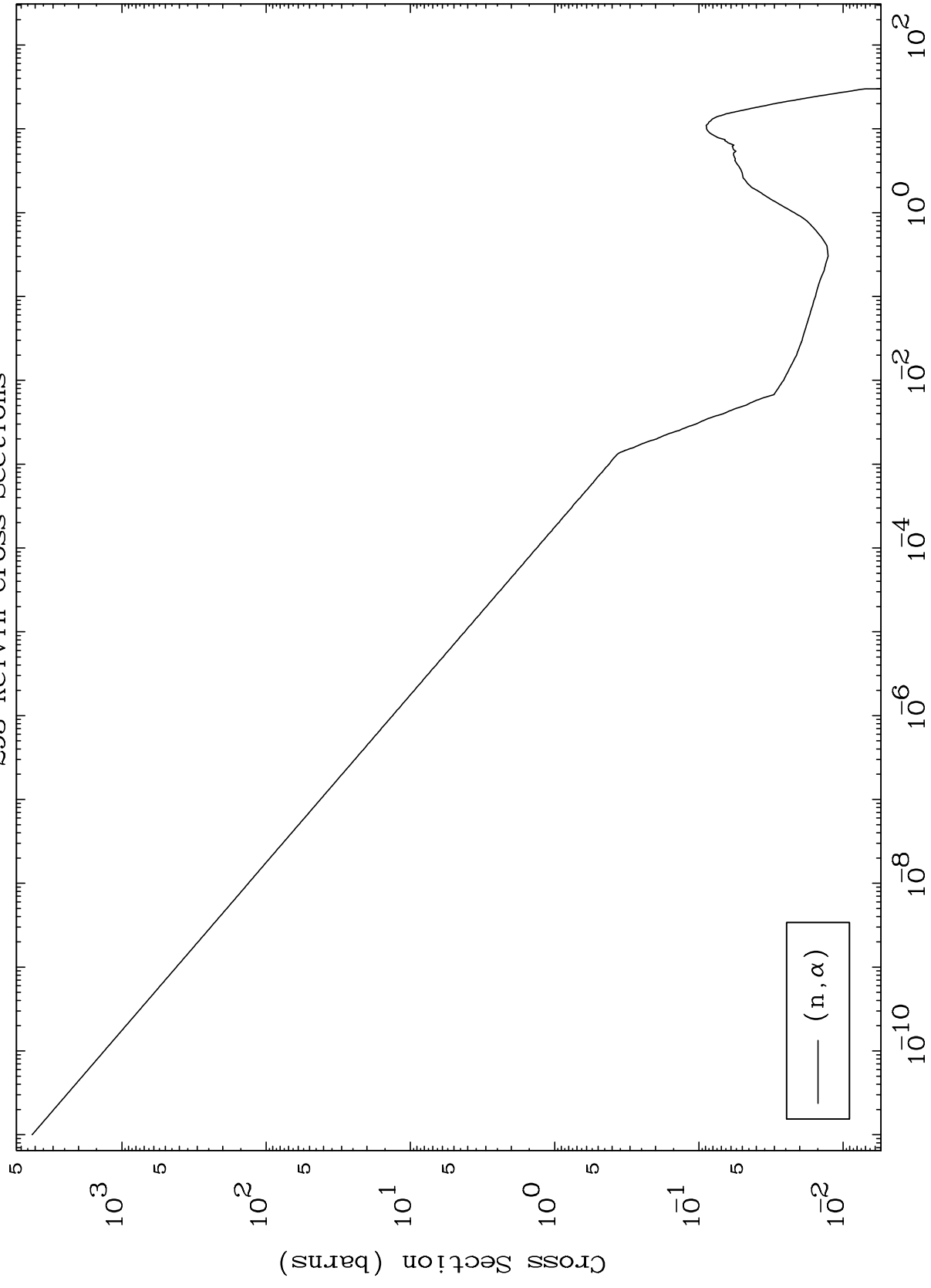
Incident Energy (MeV)

50-Sn-102

MAT 4995

293 Kelvin Cross Sections
(n,α) Levels

50-Sn-102

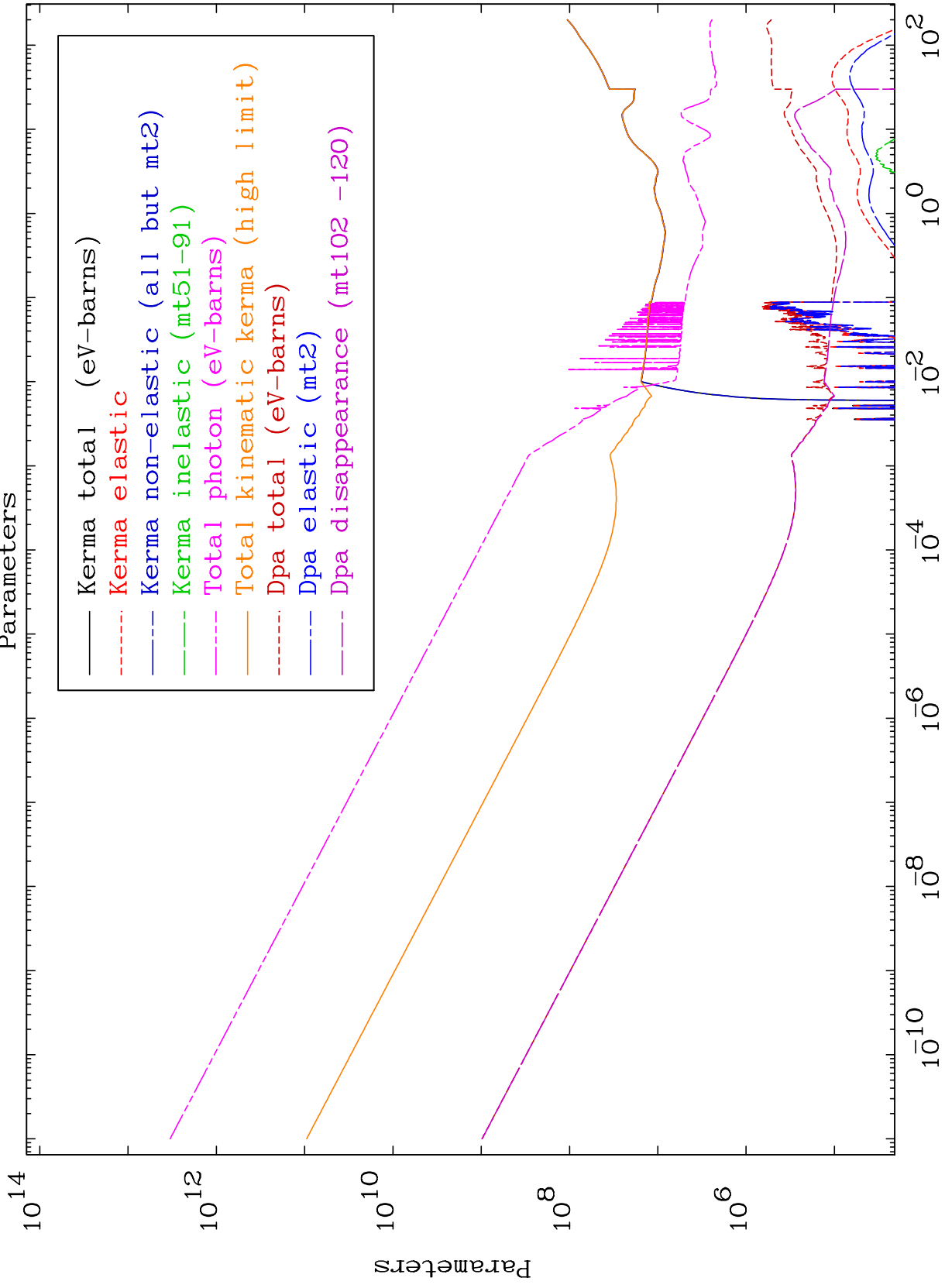


— (n,α)

MAT 4995

Energy Release
Parameters

50-Sn-102



14

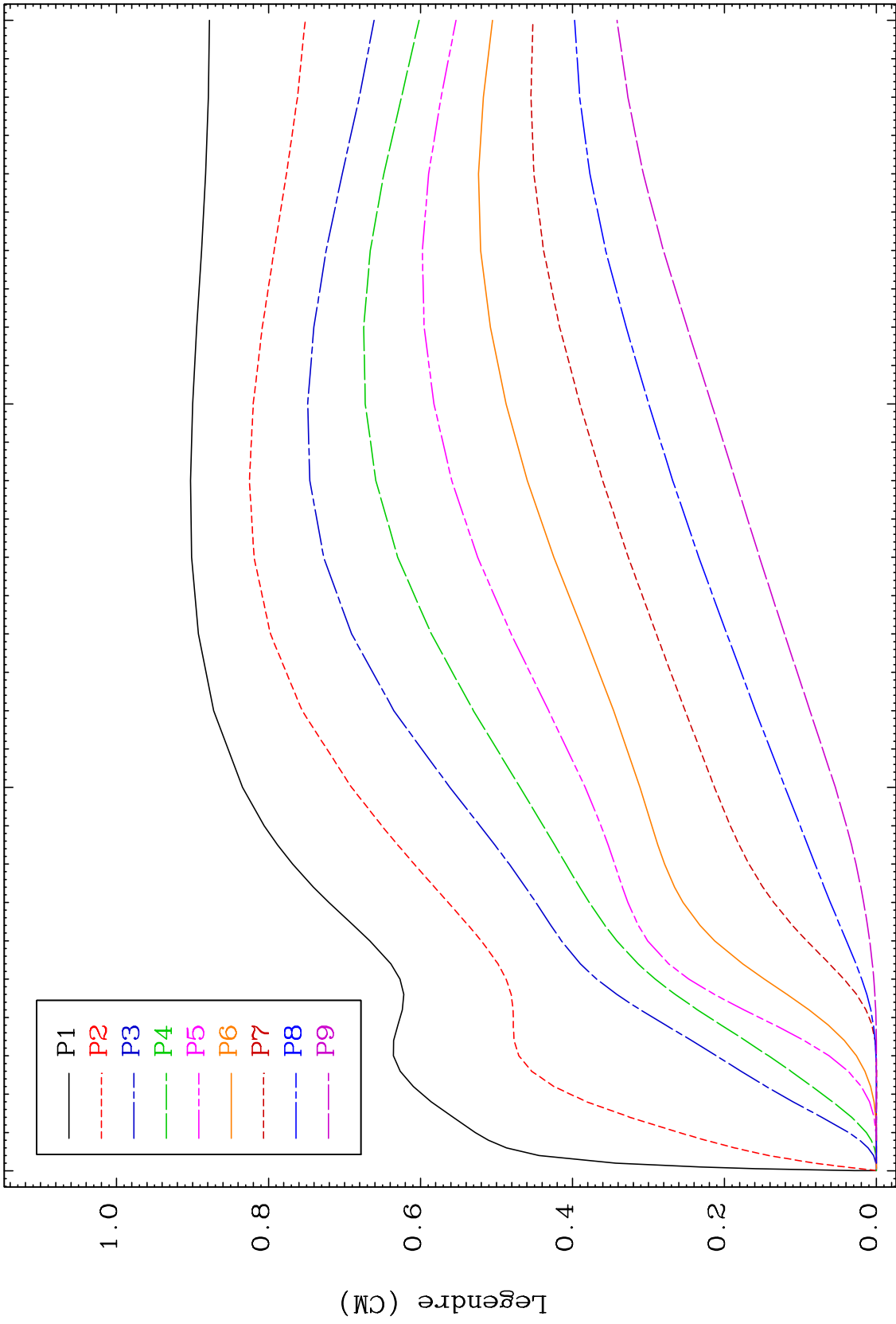
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

50-Sn-102



15

10

20

30

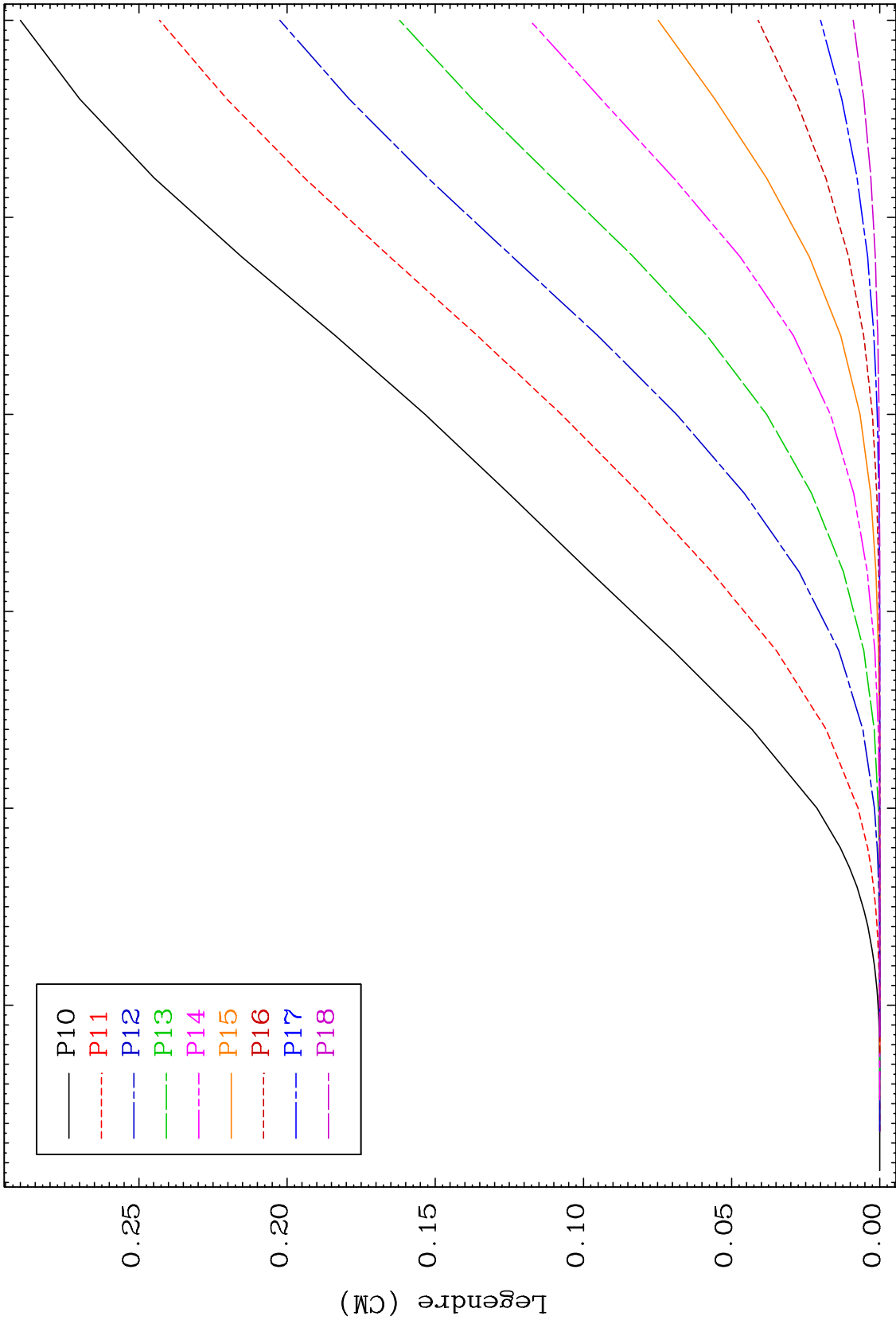
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

50-Sn-102



16

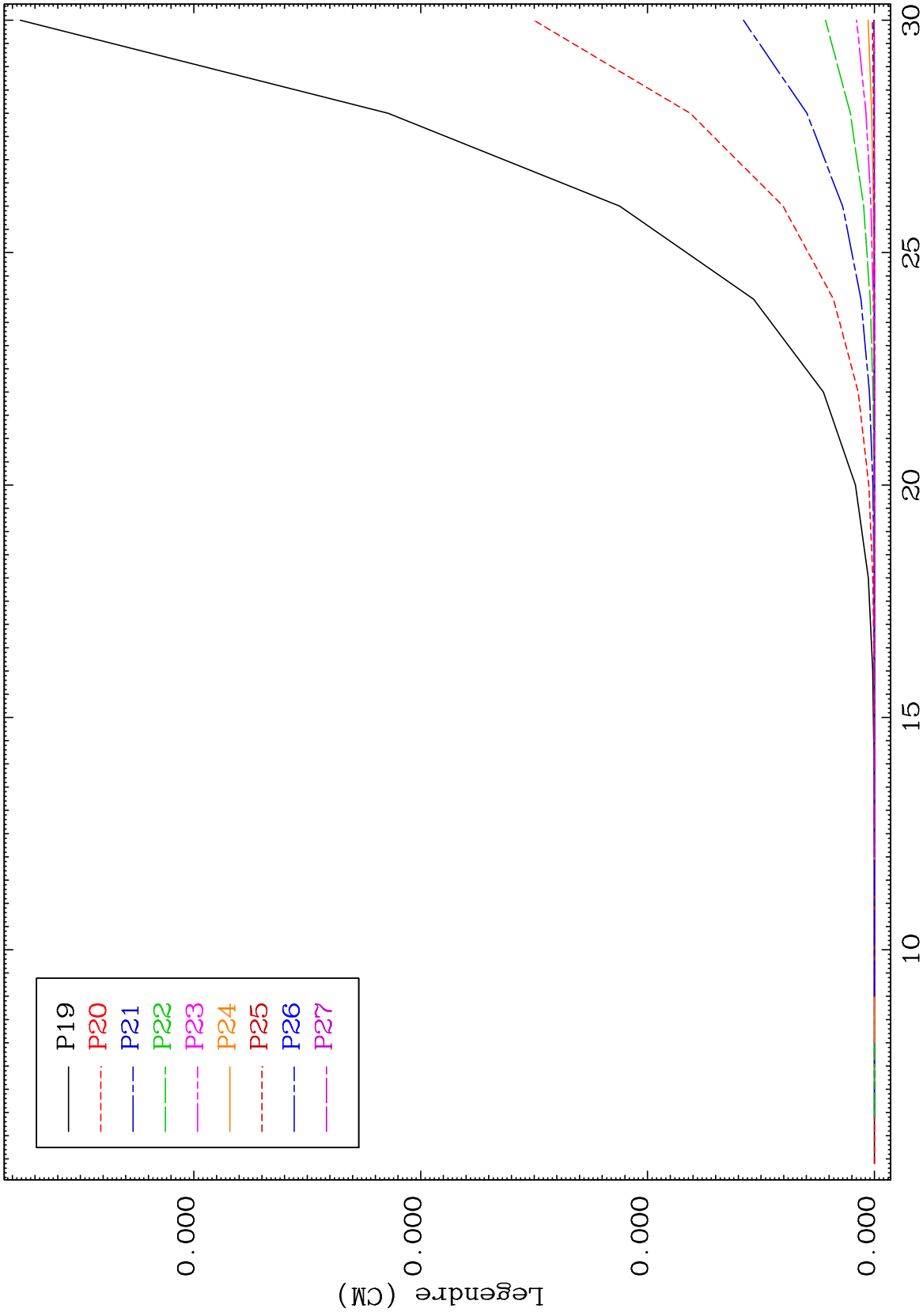
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

50-Sn-102



17

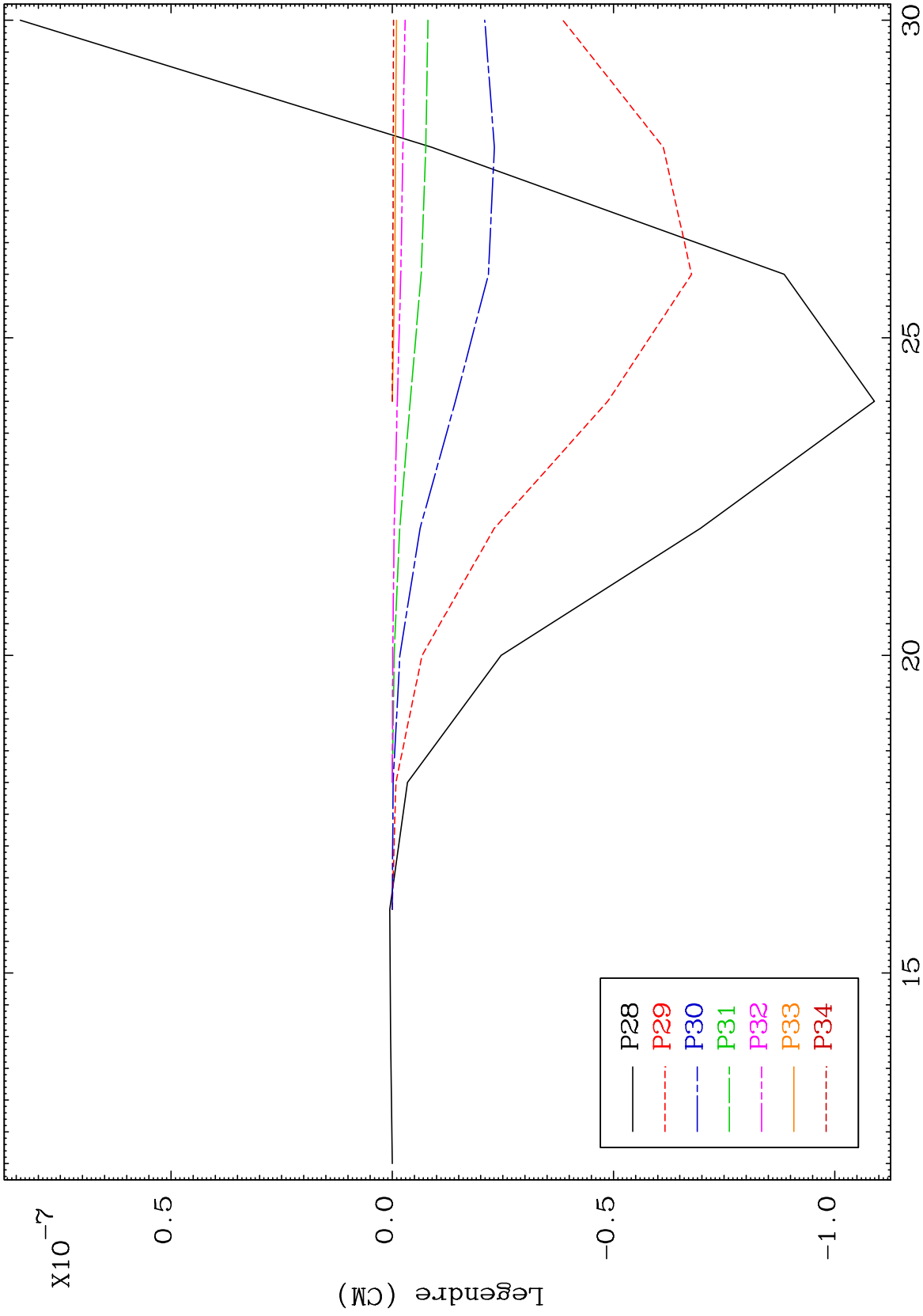
Incident Energy (MeV)

50-Sn-102

MAT 4995

Elastic Legendre Coefficients

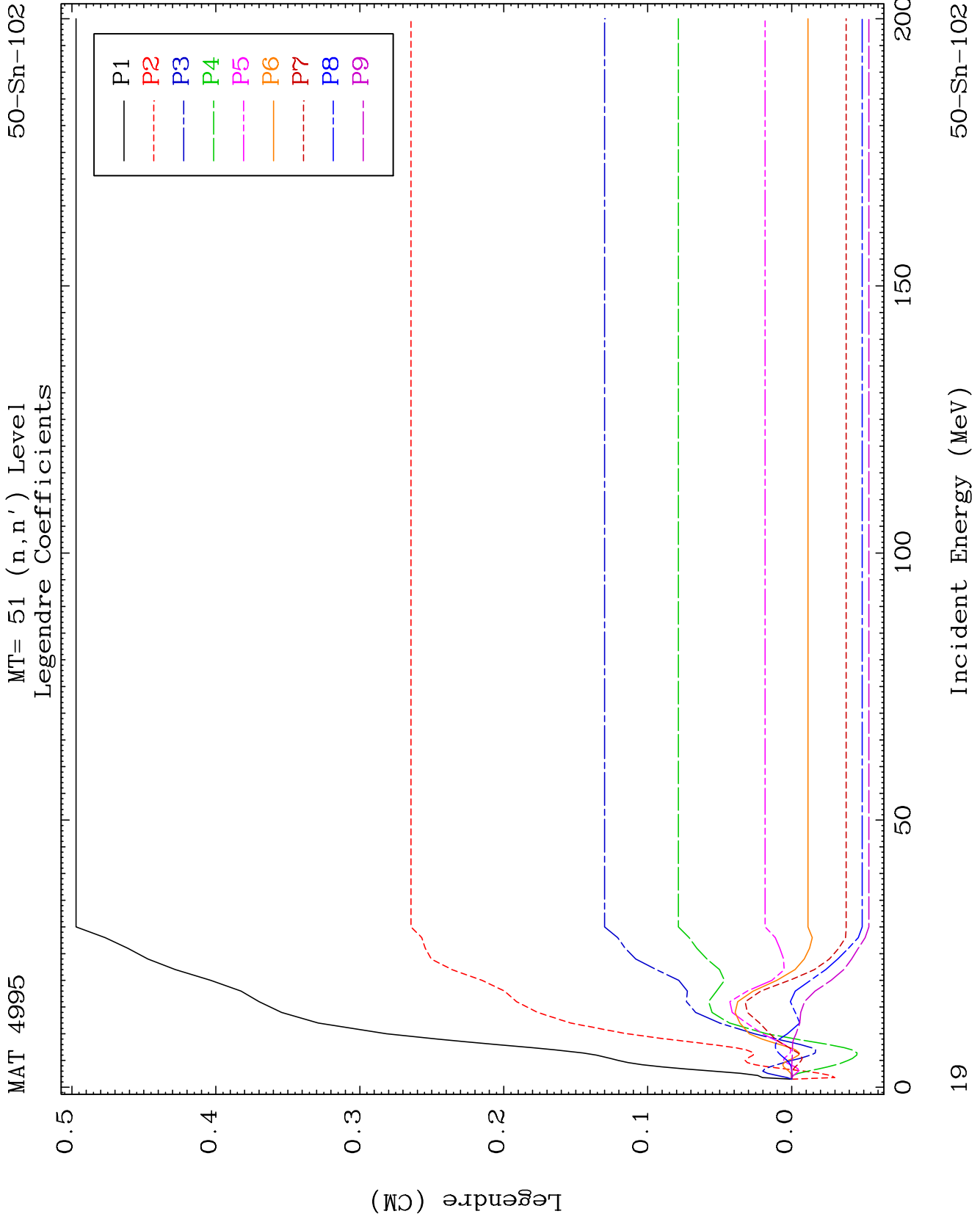
50-Sn-102

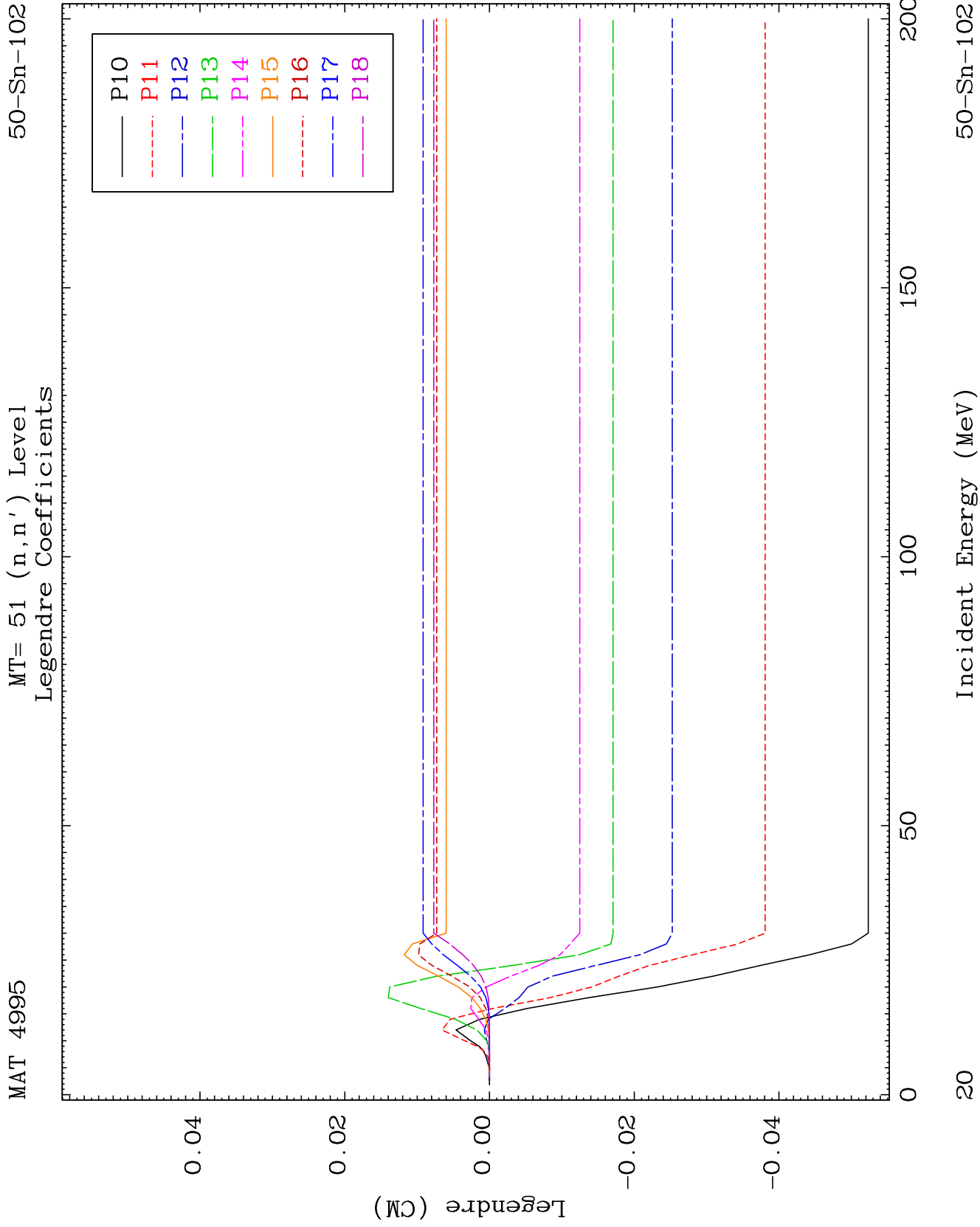


18

Incident Energy (MeV)

50-Sn-102

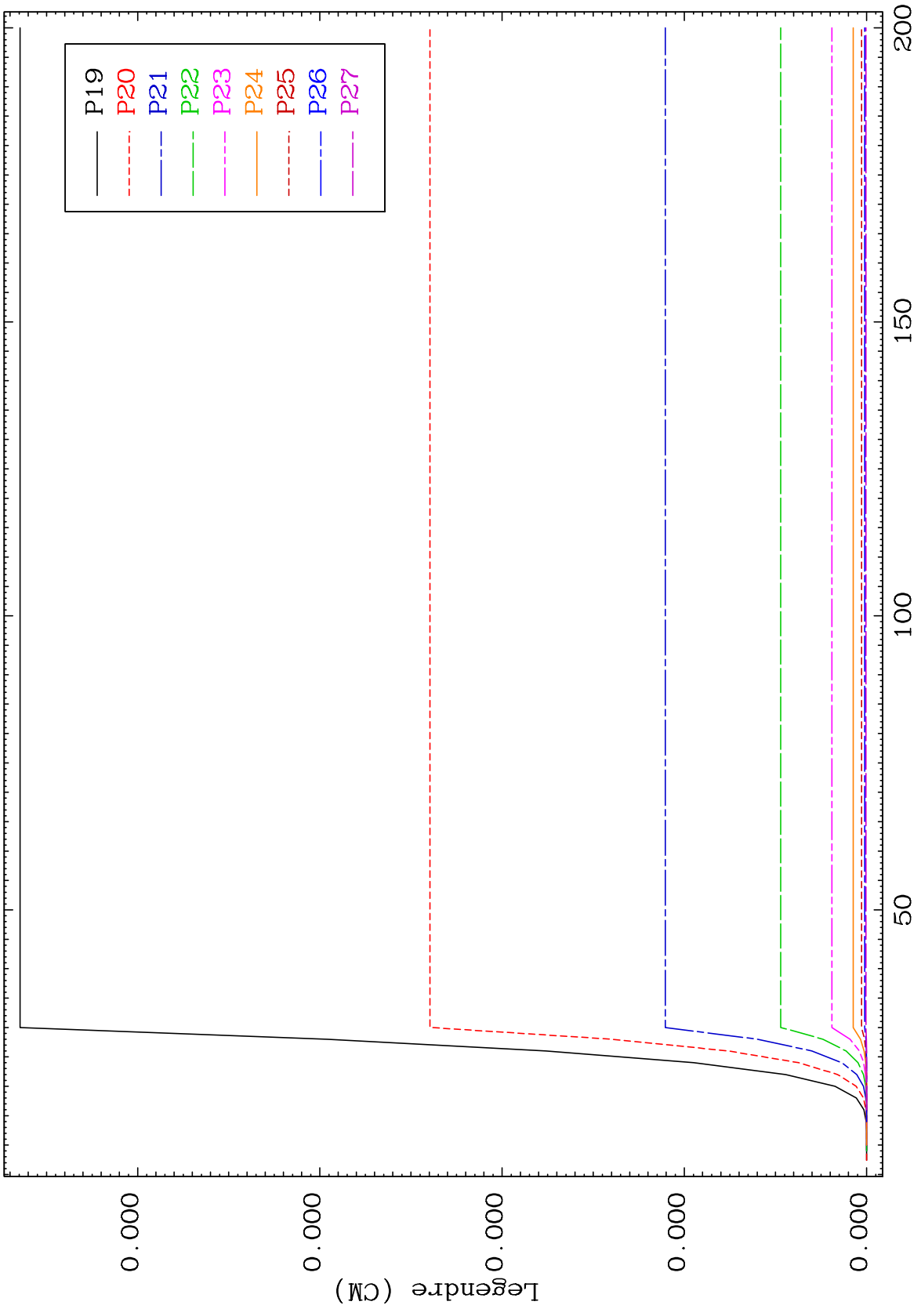




MAT 4995

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

50-Sn-102



21

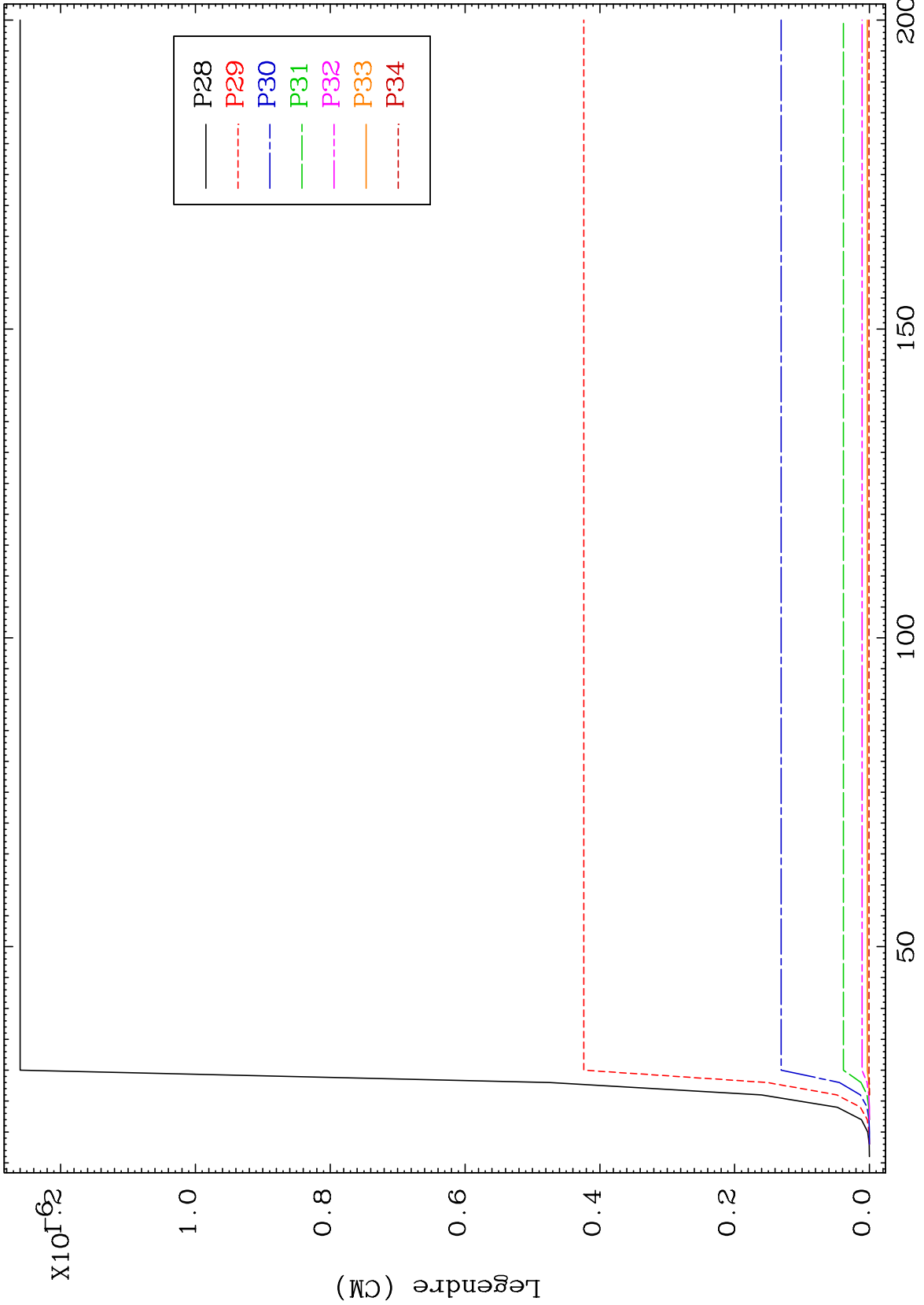
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

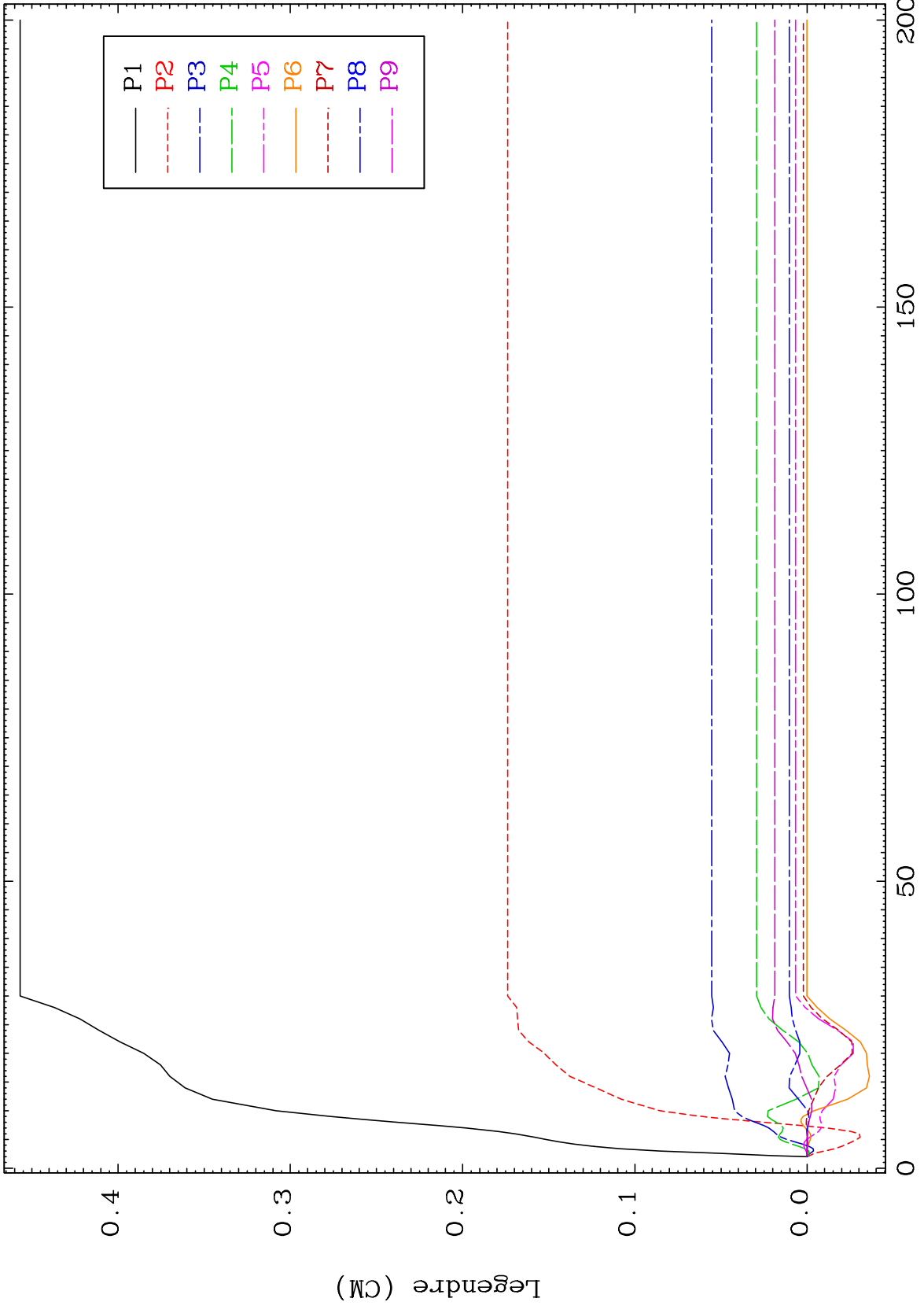


22

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-102

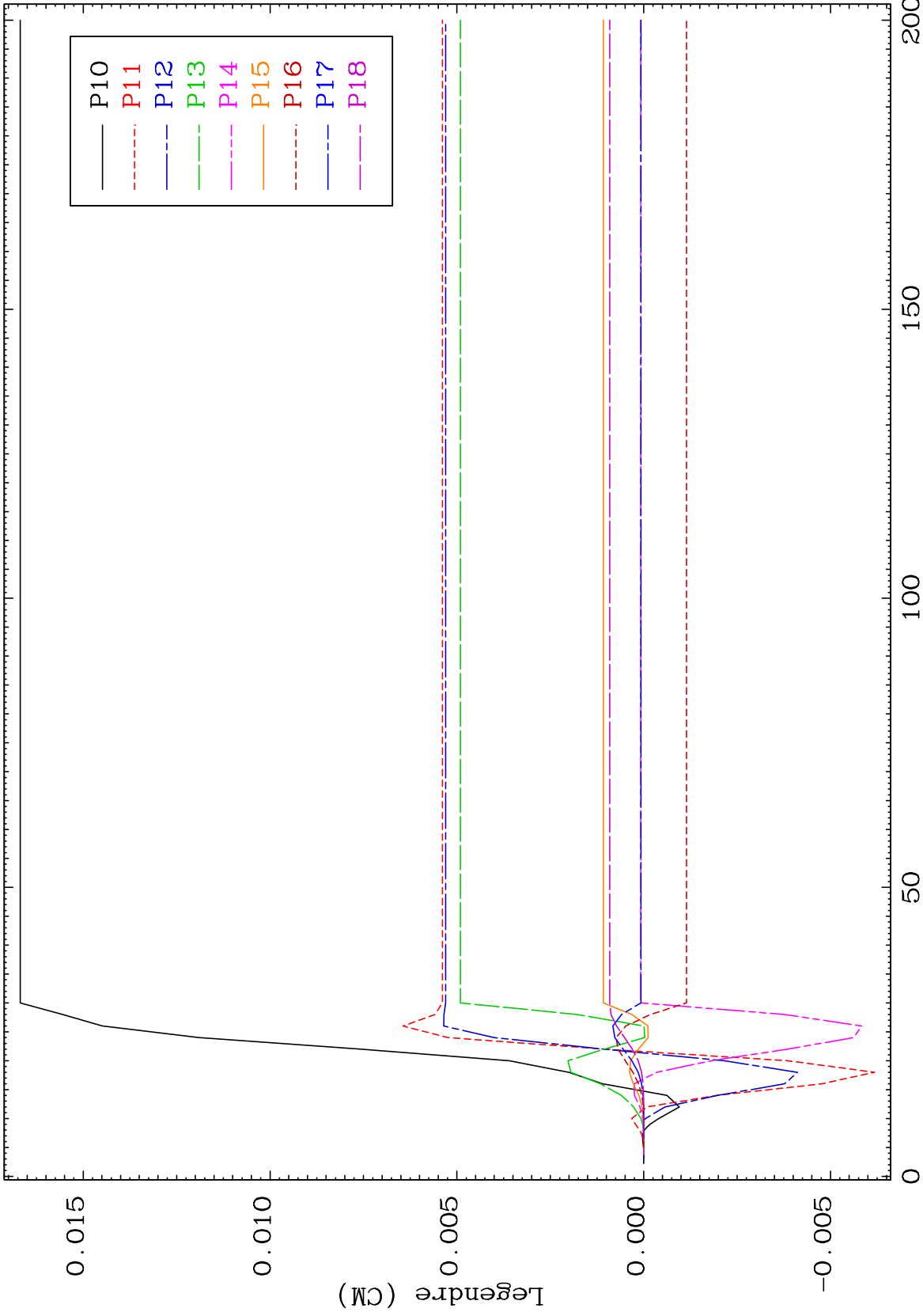


Legendre (CM) Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102



24

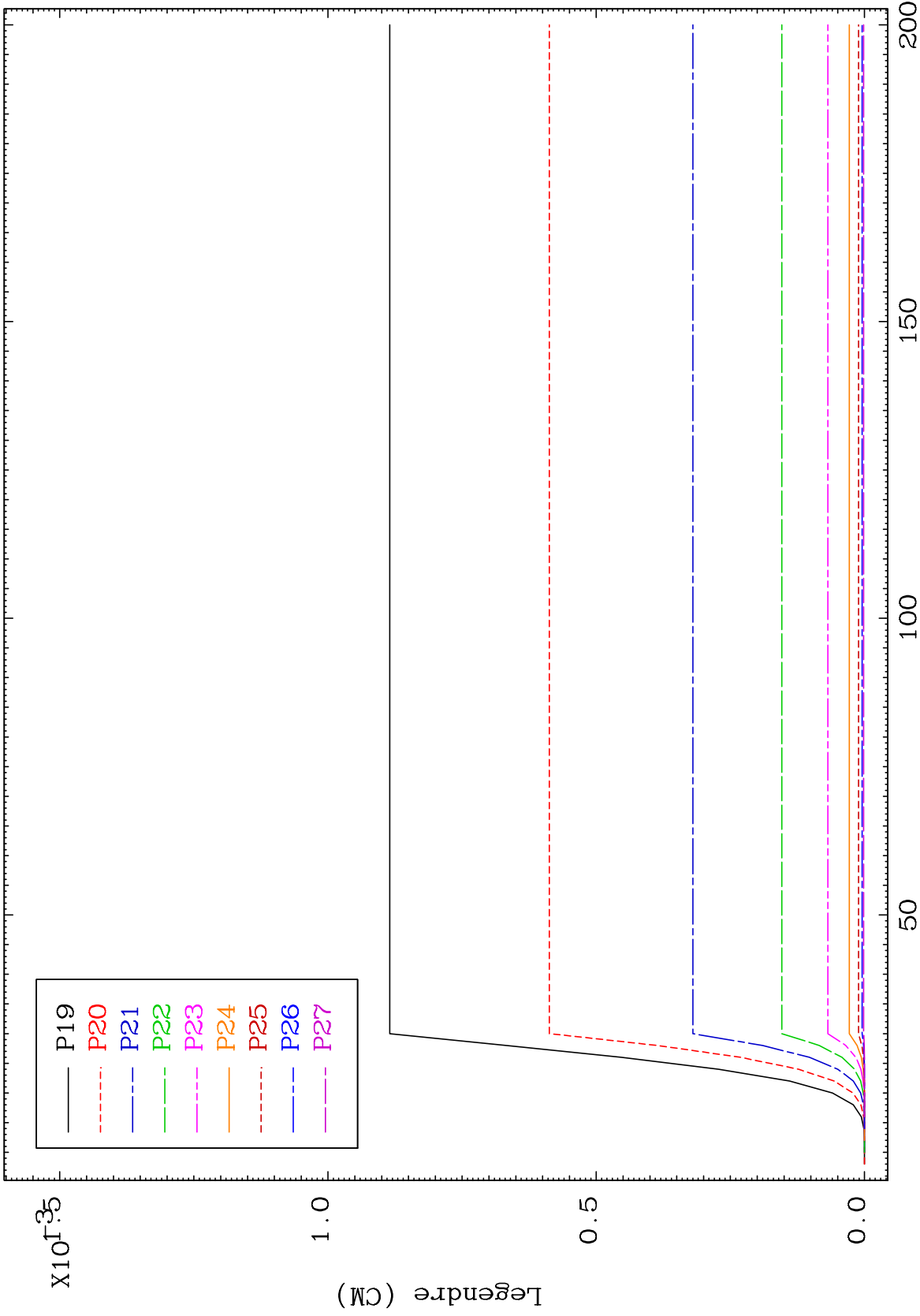
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



25

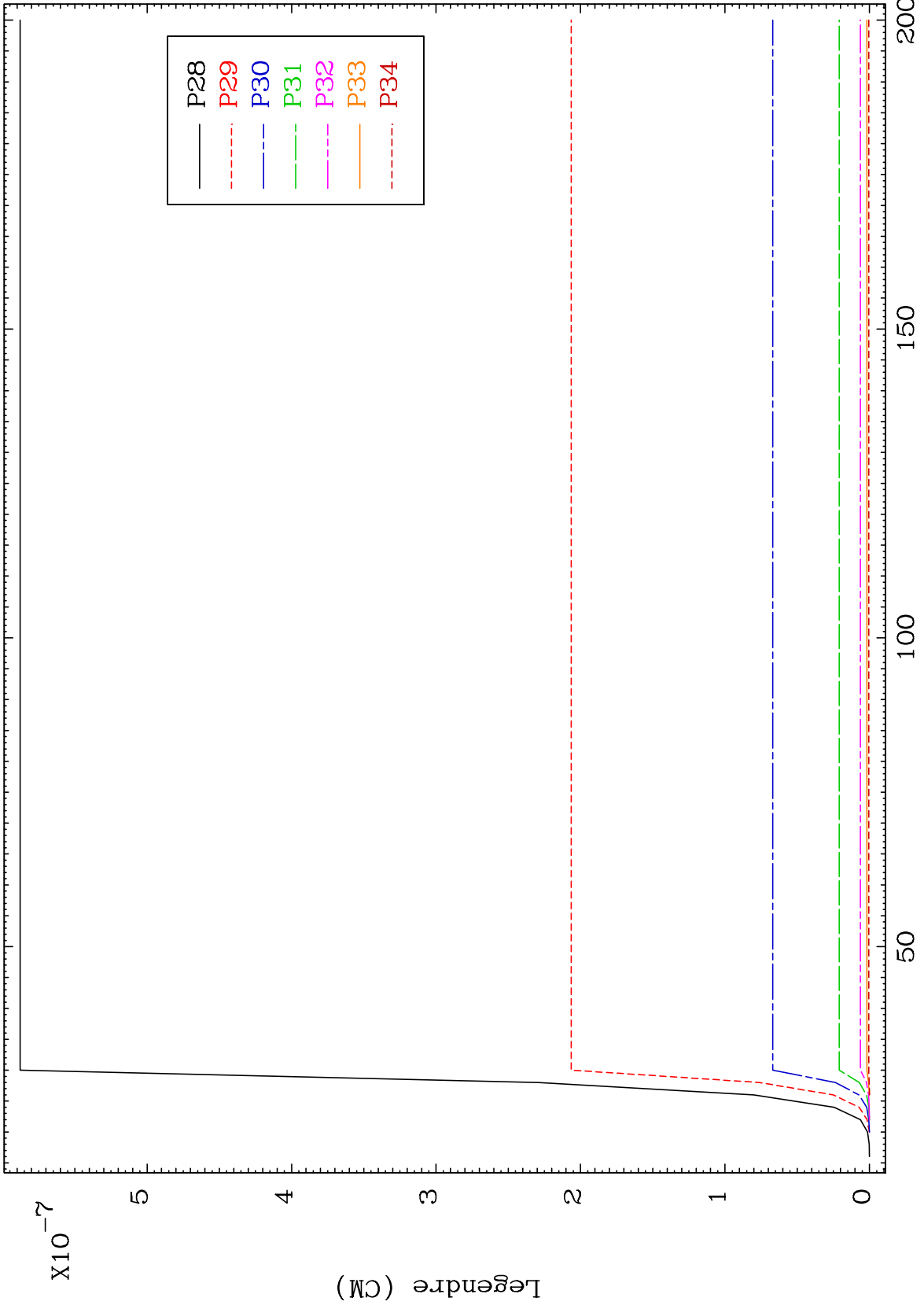
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

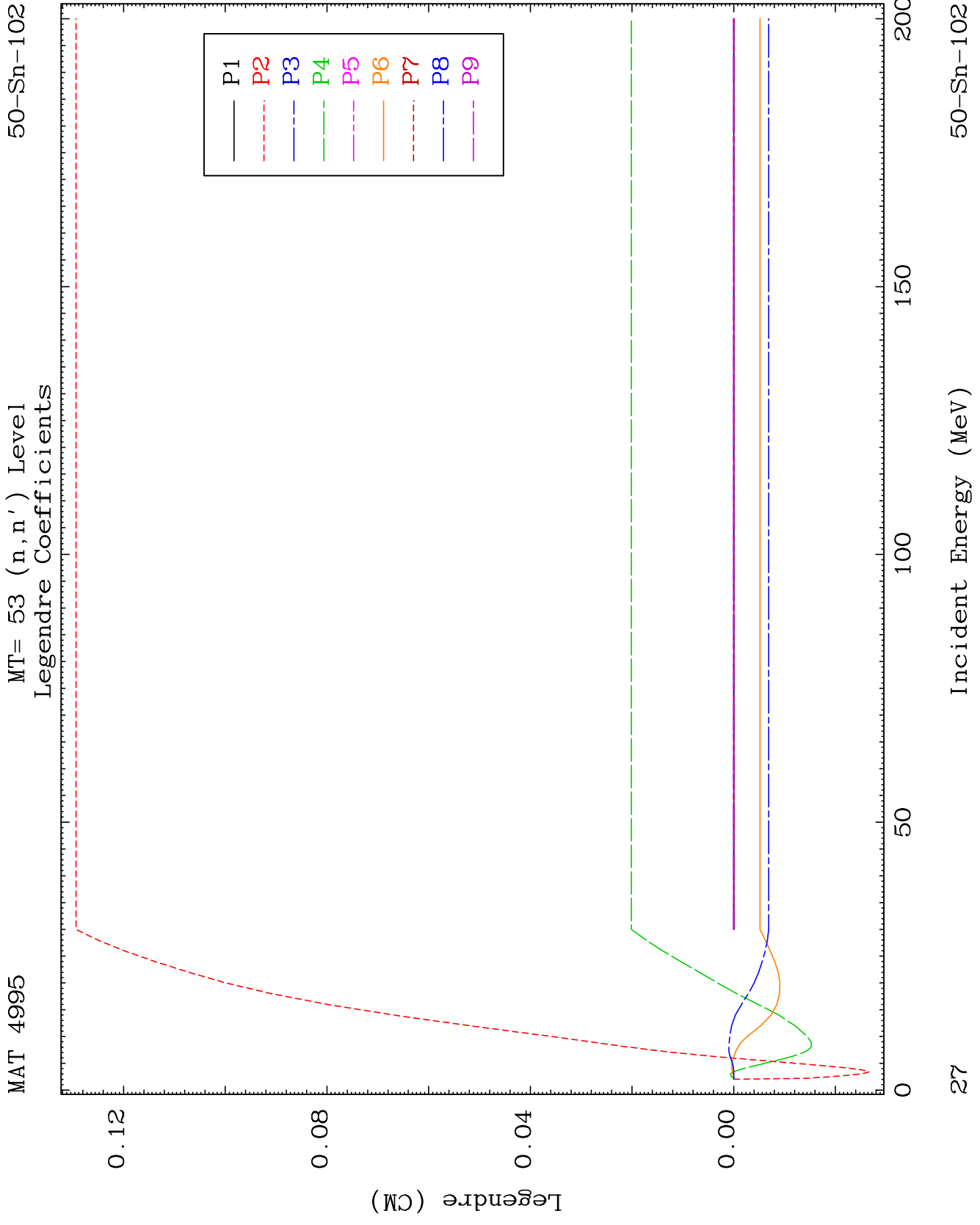
50-Sn-102



26

Incident Energy (MeV)

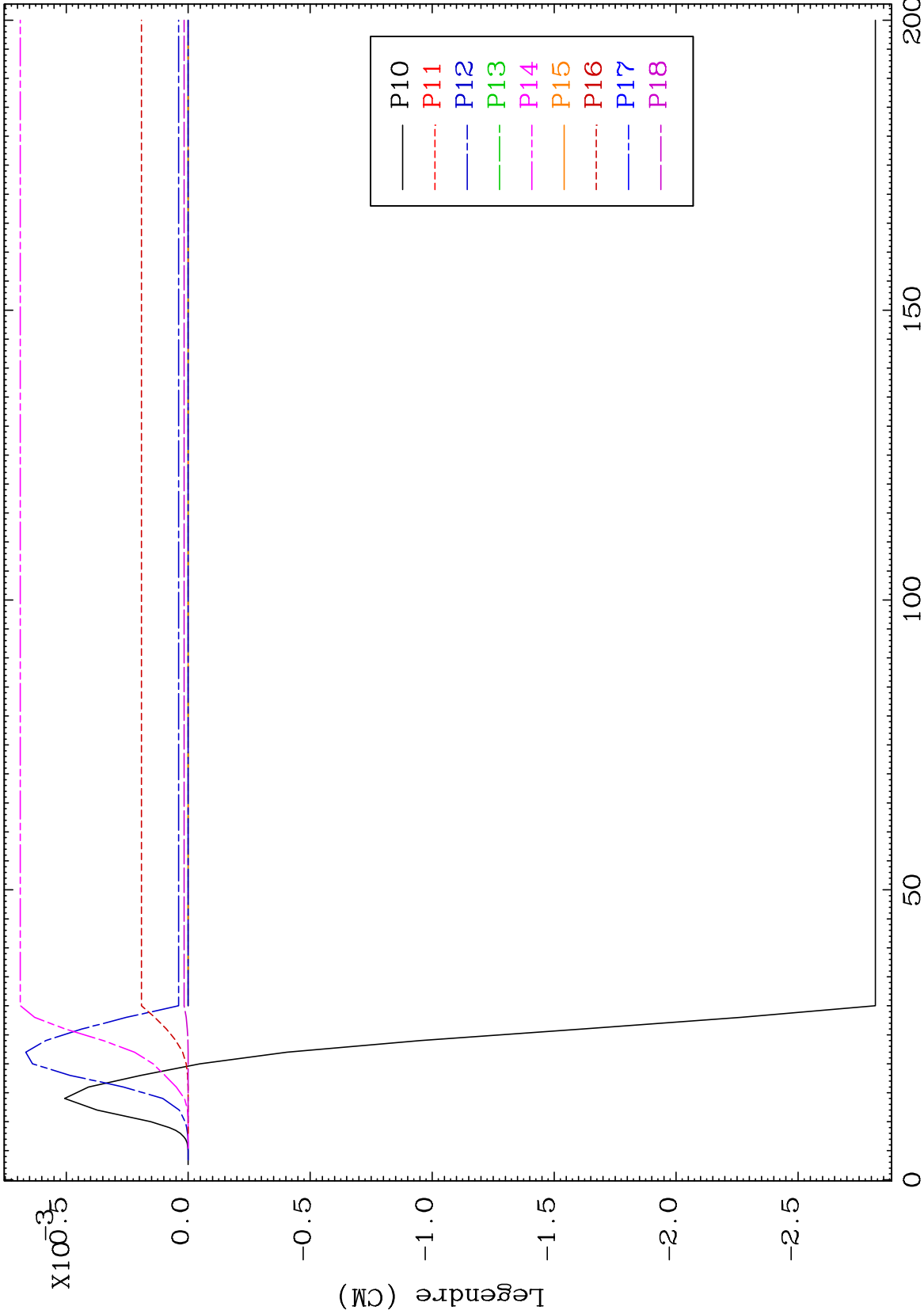
50-Sn-102



MAT 4995

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

50-Sn-102



28

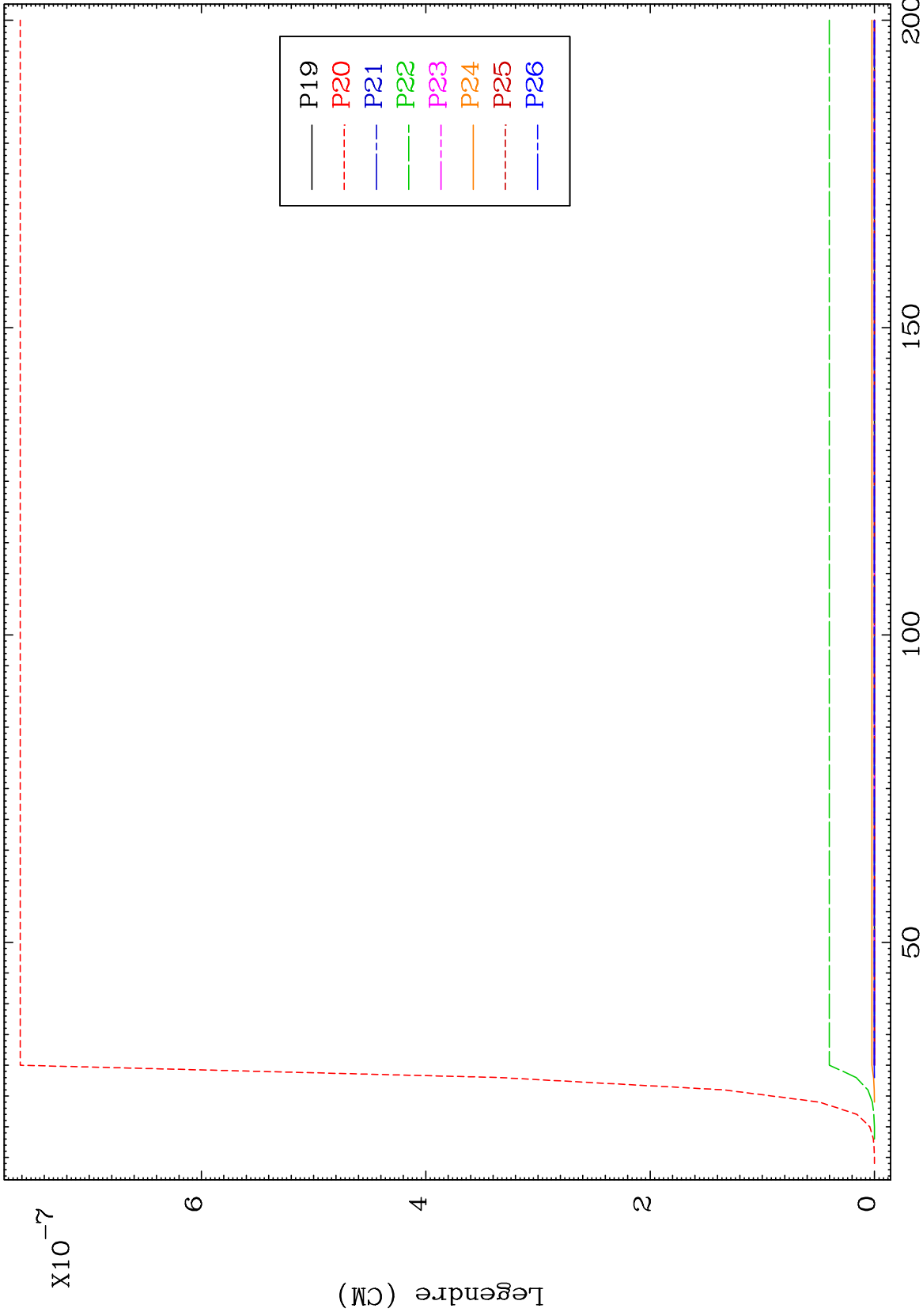
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

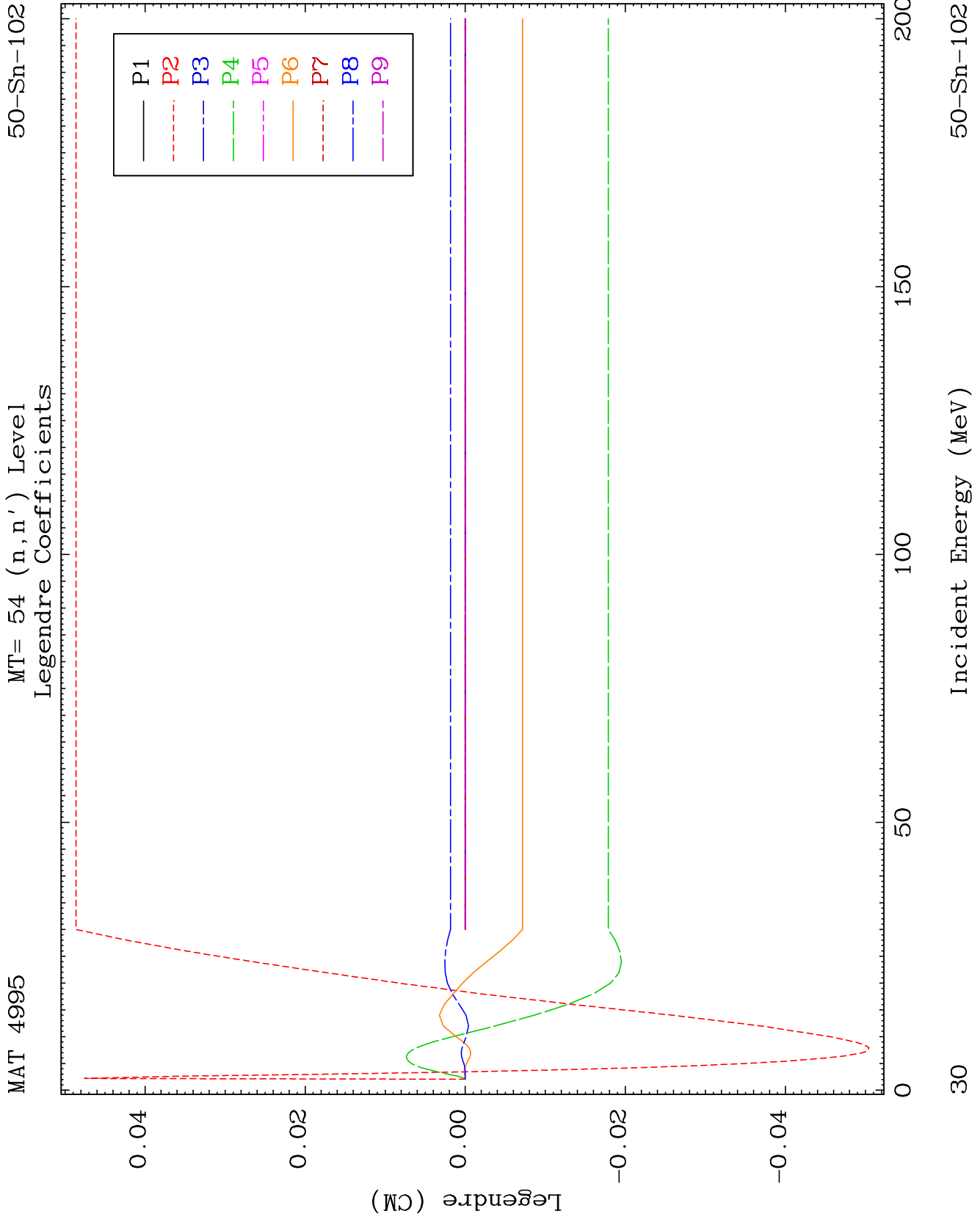
50-Sn-102



29

Incident Energy (MeV)

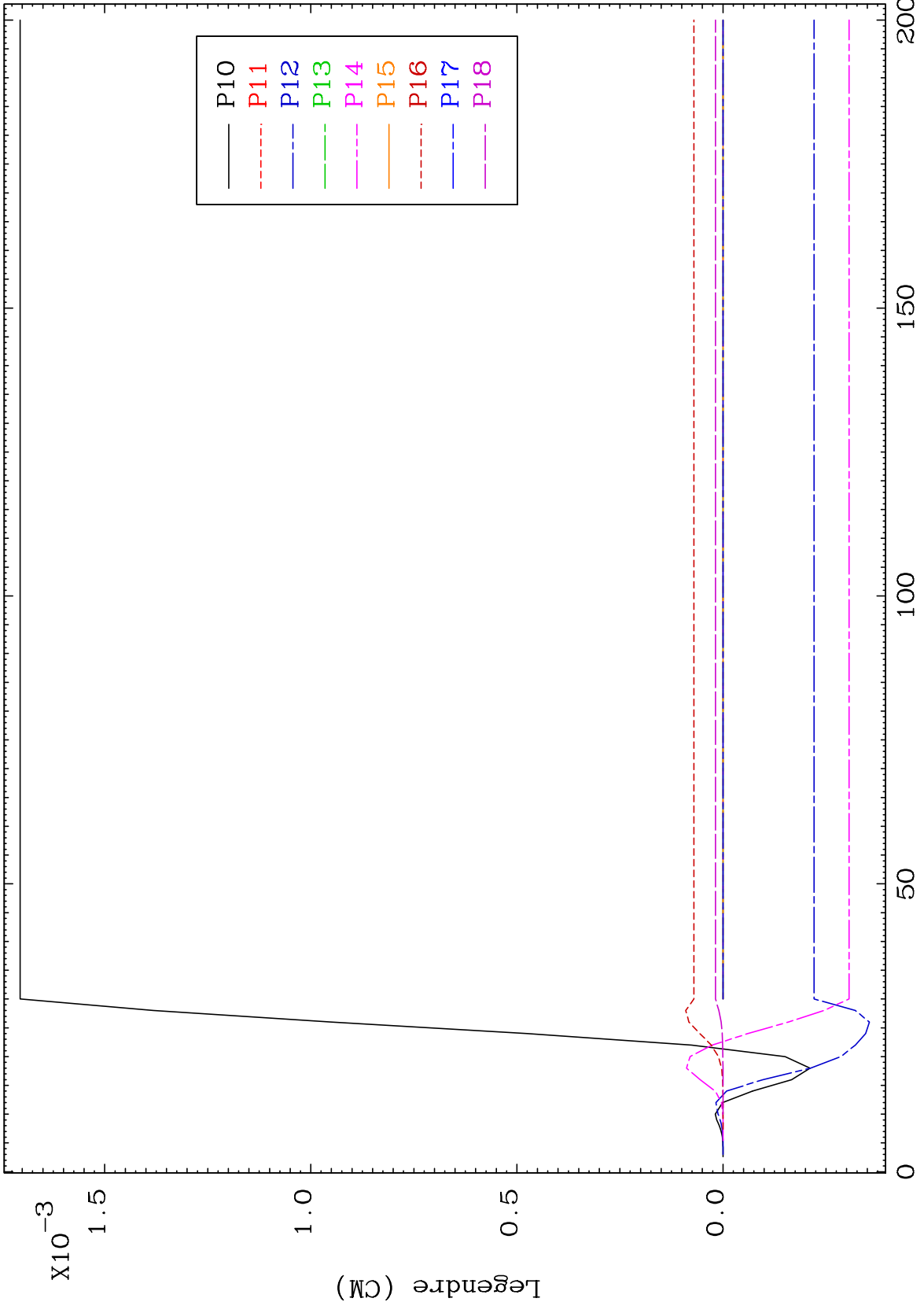
50-Sn-102



MAT 4995

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

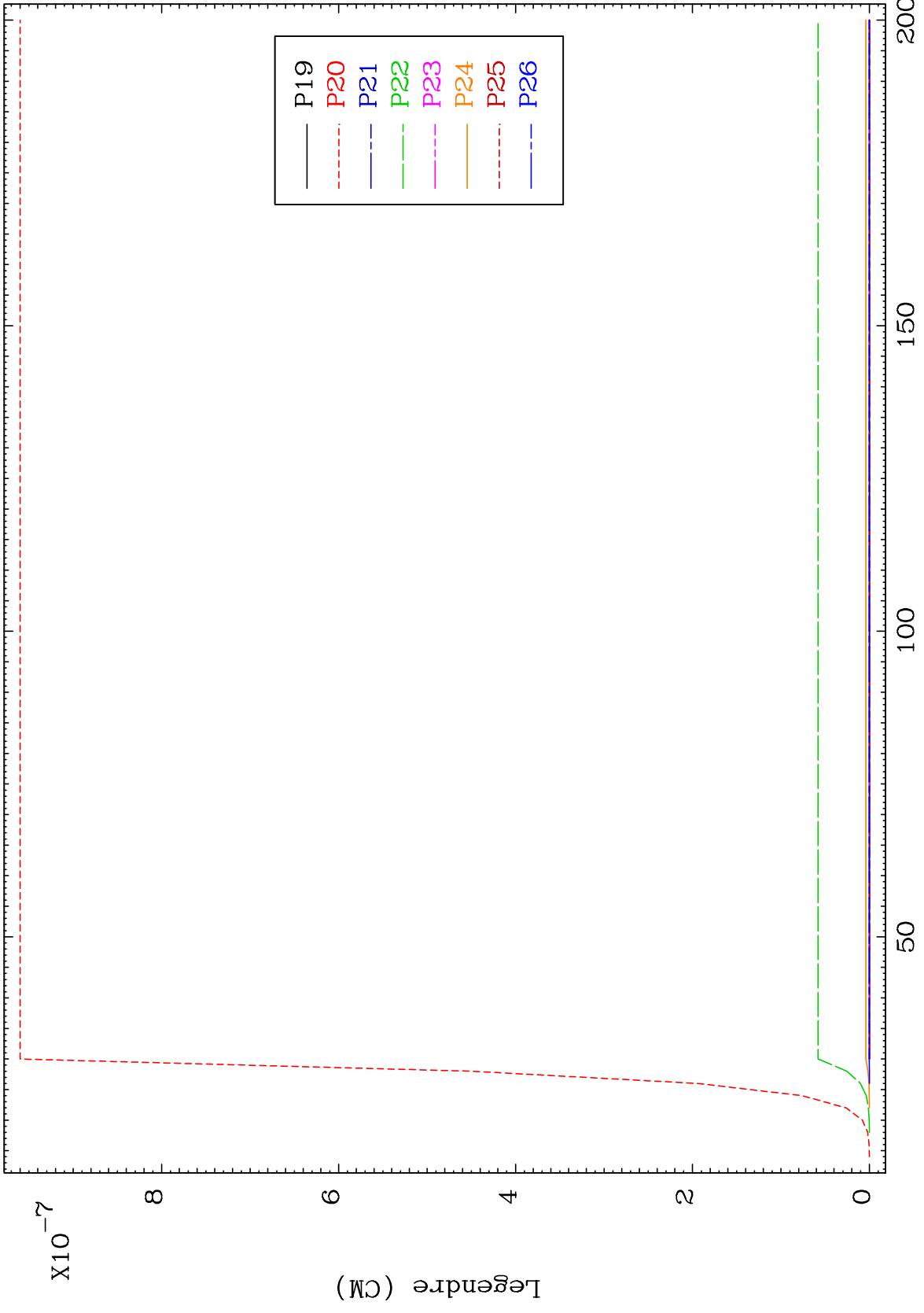
50-Sn-102



31

50-Sn-102

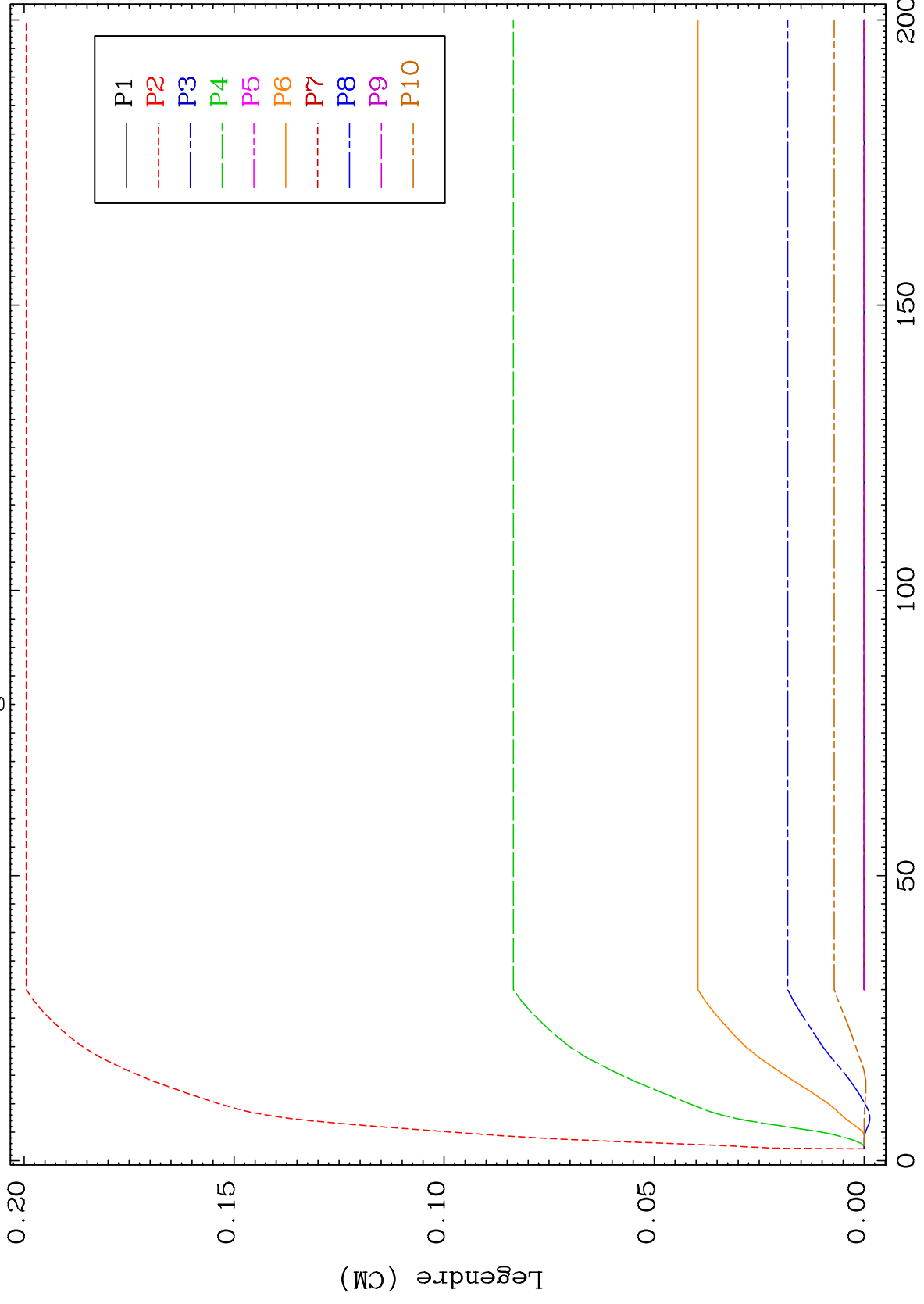
MAT 4995 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-102



32 50-Sn-102

MAT 4995 MT= 55 (n,n') Level Legendre Coefficients

50-Sn-102

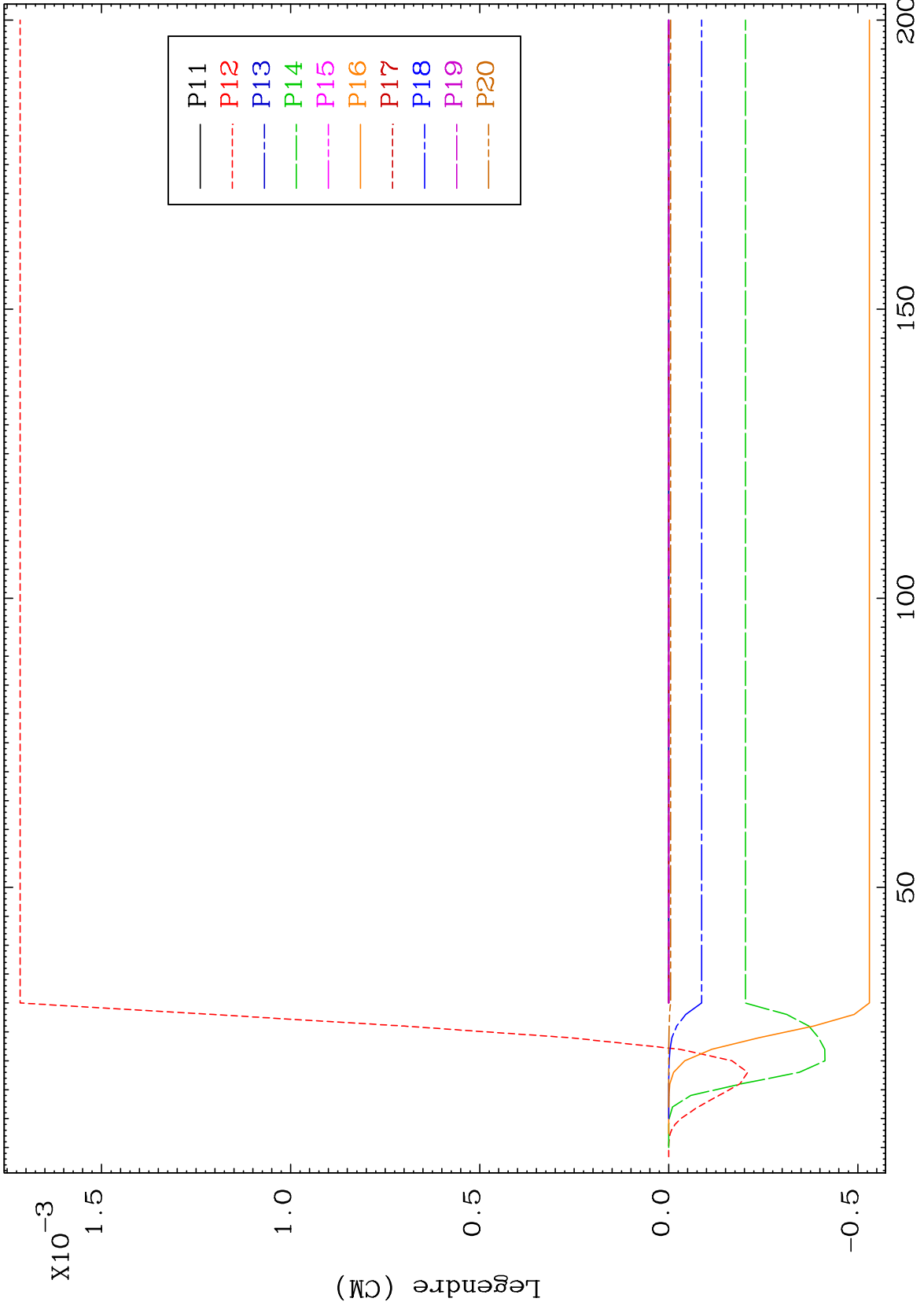


50-Sn-102

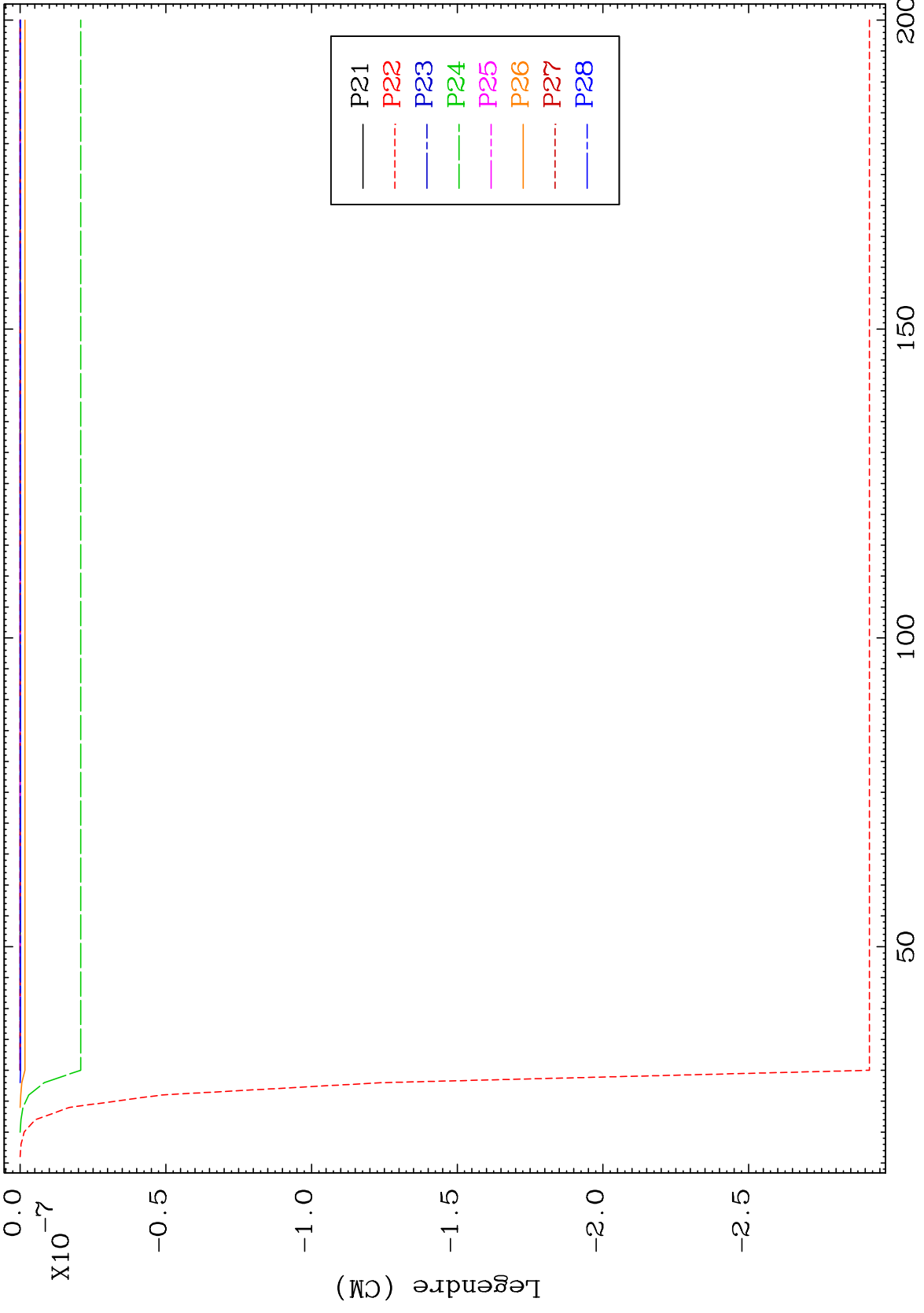
Incident Energy (MeV)

33

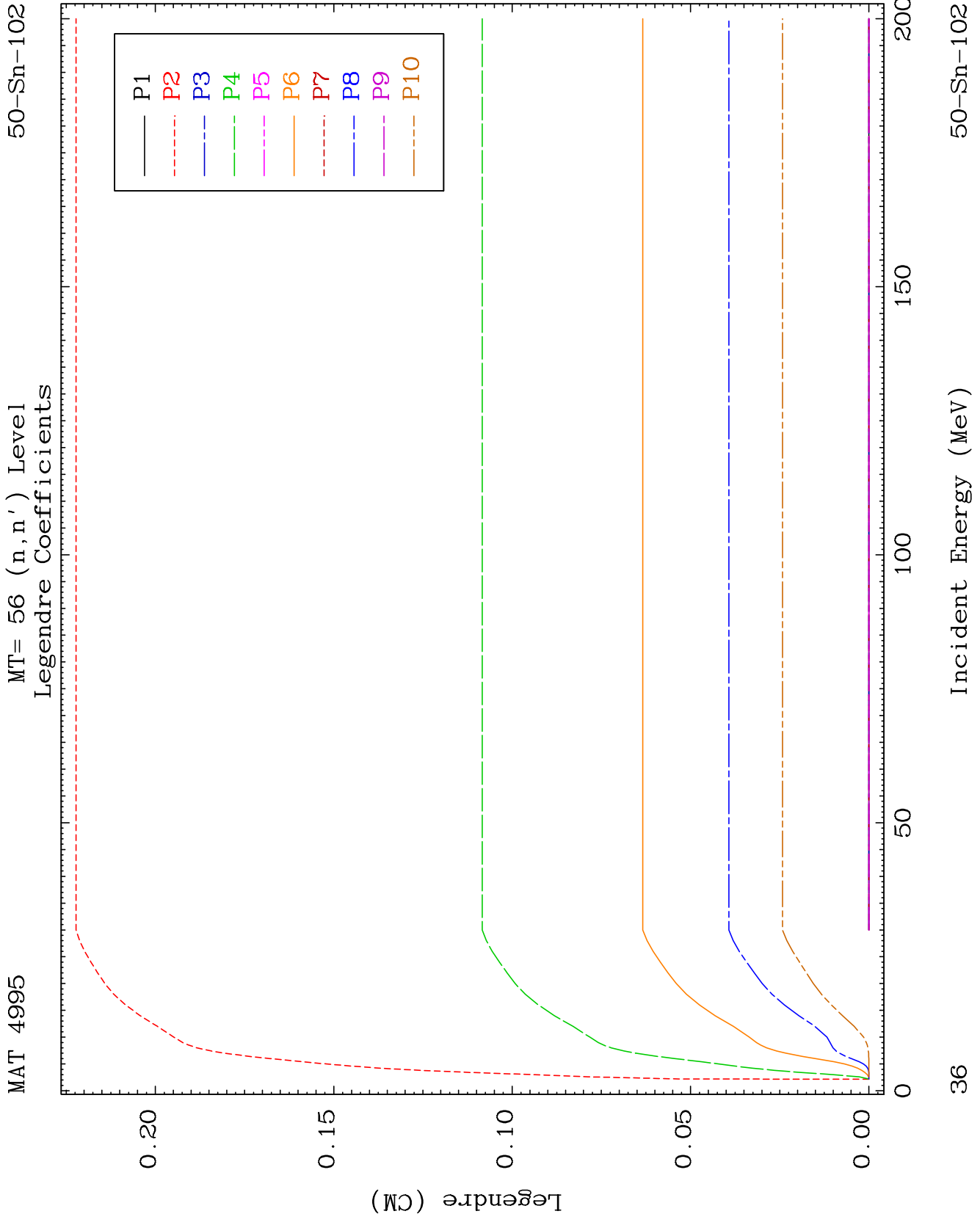
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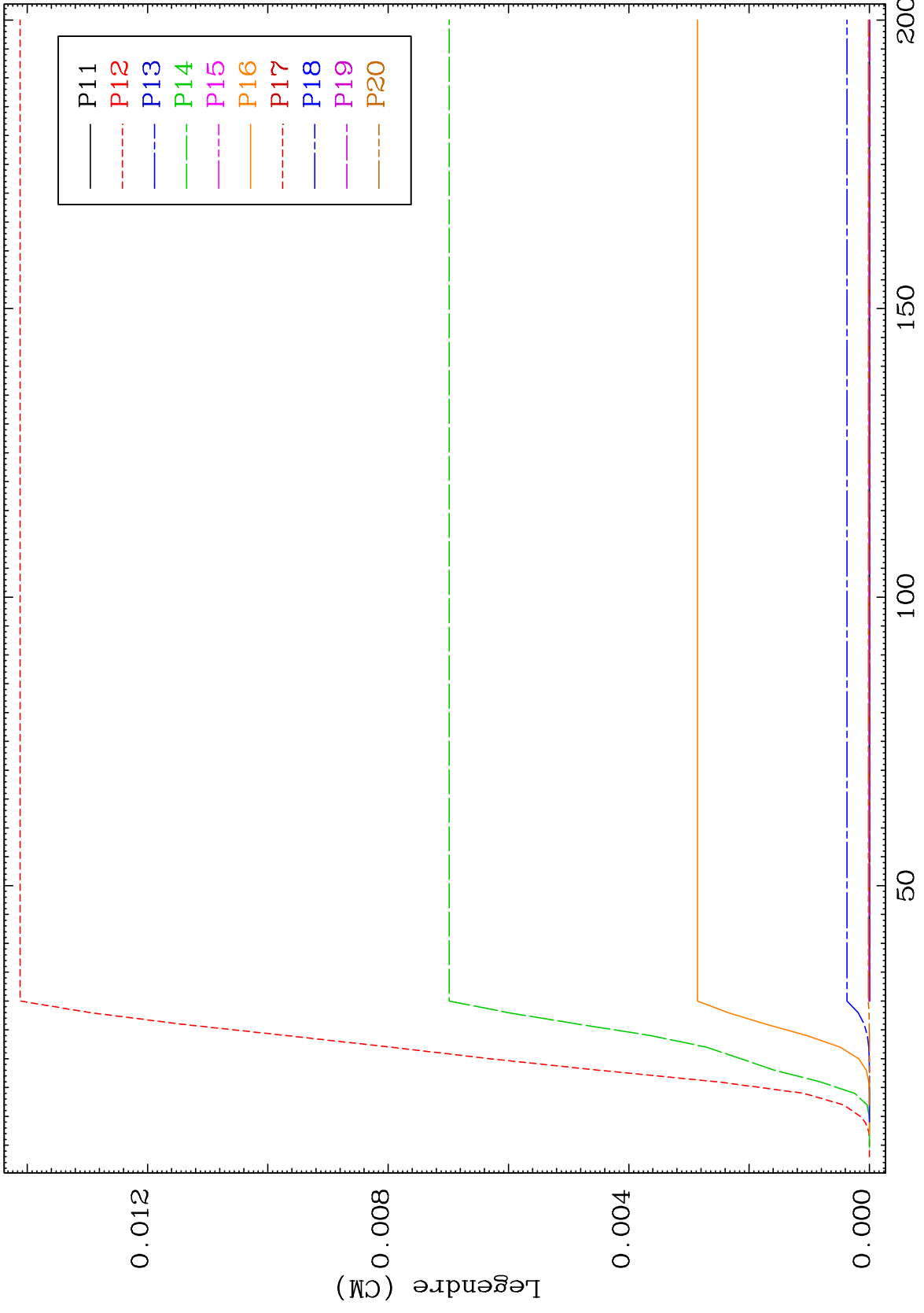
MAT 4995 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-102



35 Incident Energy (MeV) 50-Sn-102

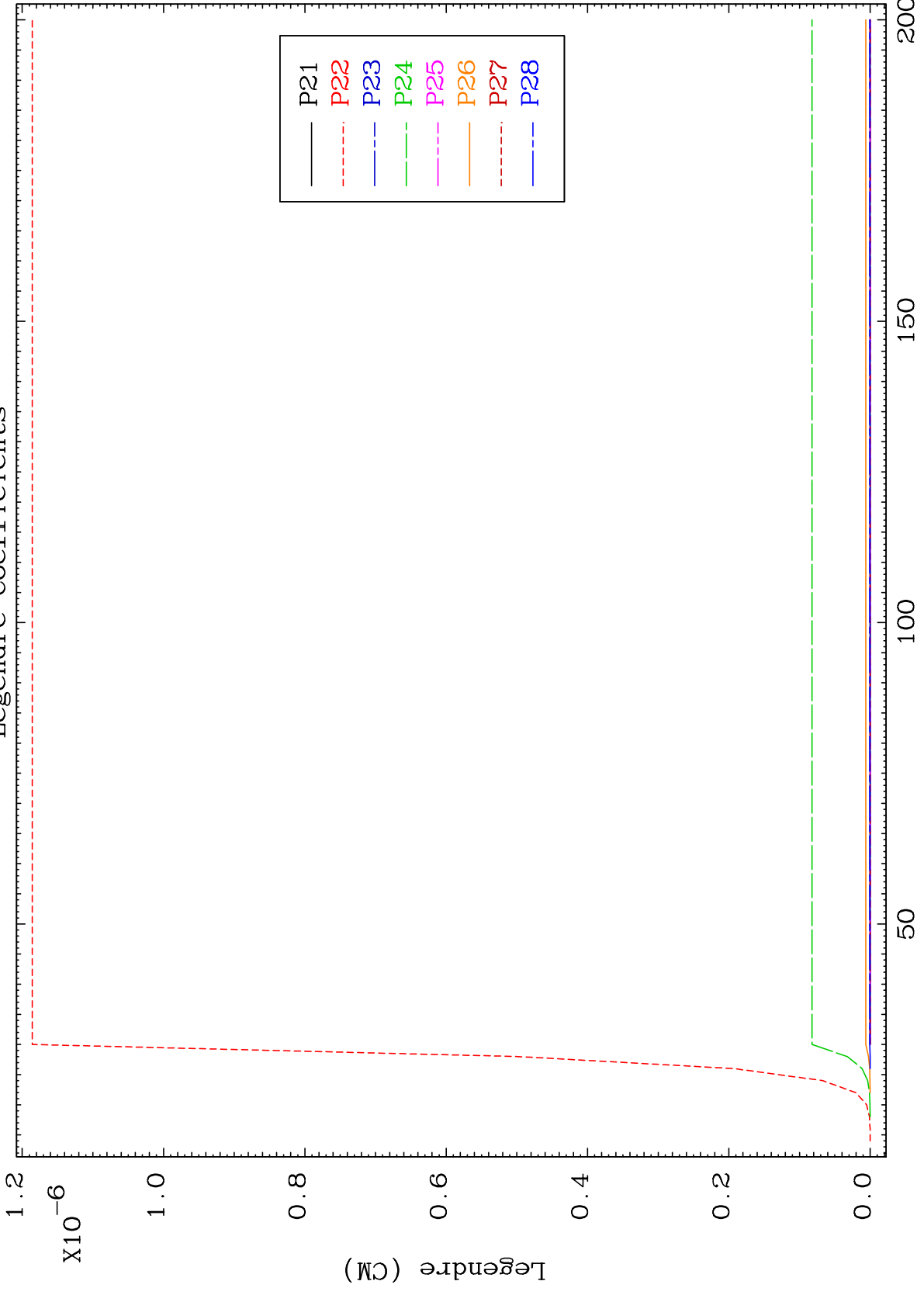


MAT 4995 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995 MT= 56 (n,n') Level Legendre Coefficients

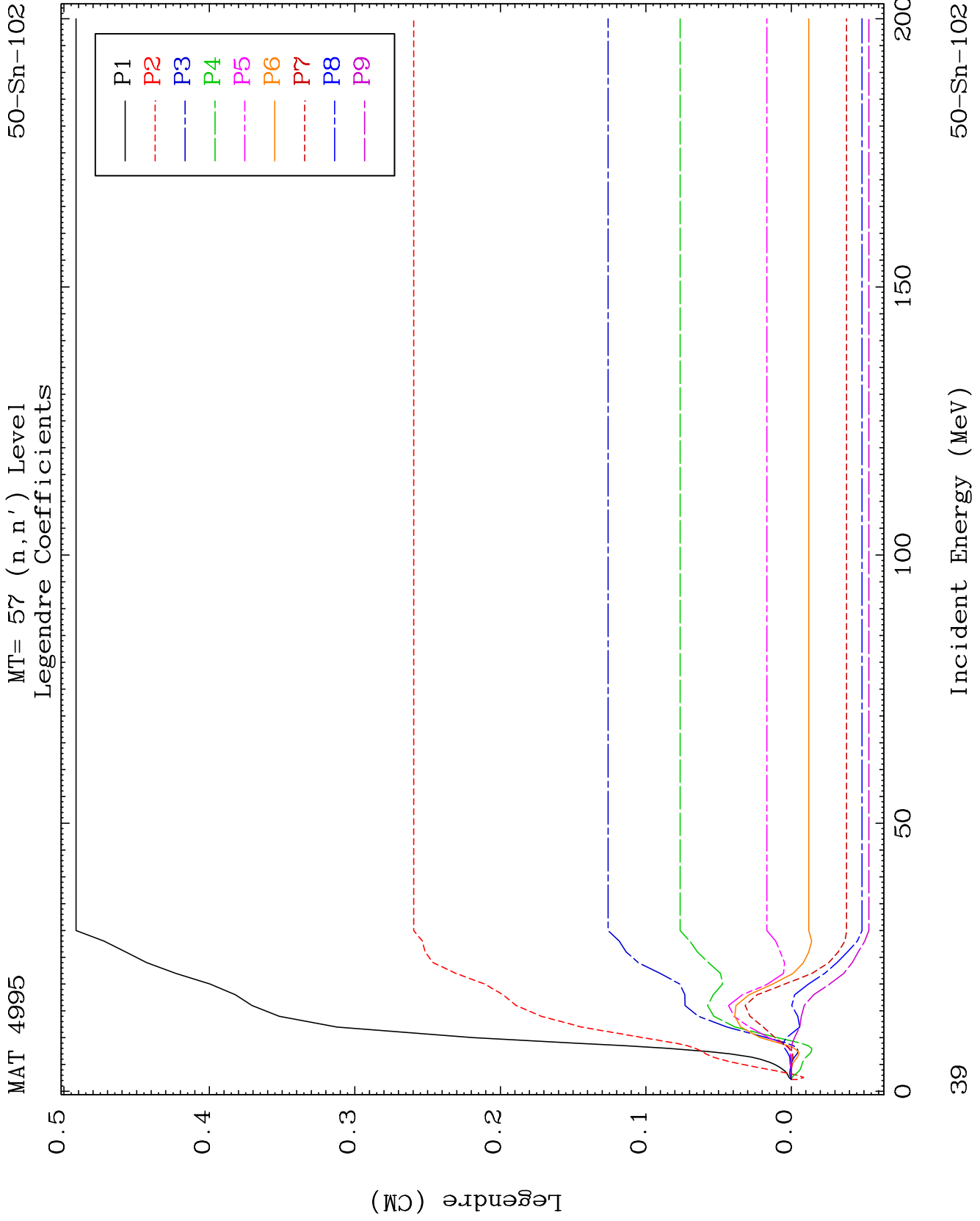
50-Sn-102



38

Incident Energy (MeV)

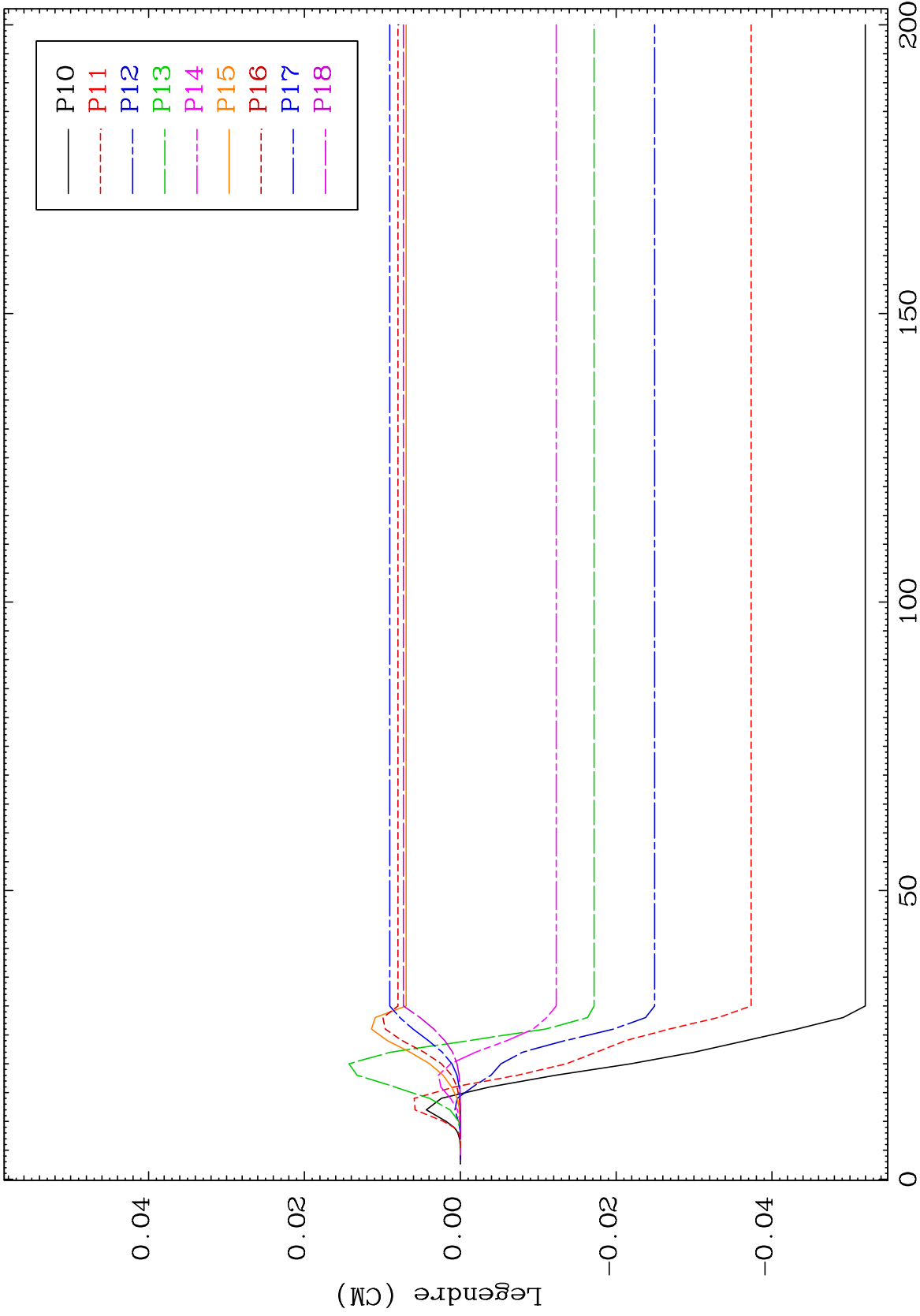
50-Sn-102



MAT 4995

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

50-Sn-102

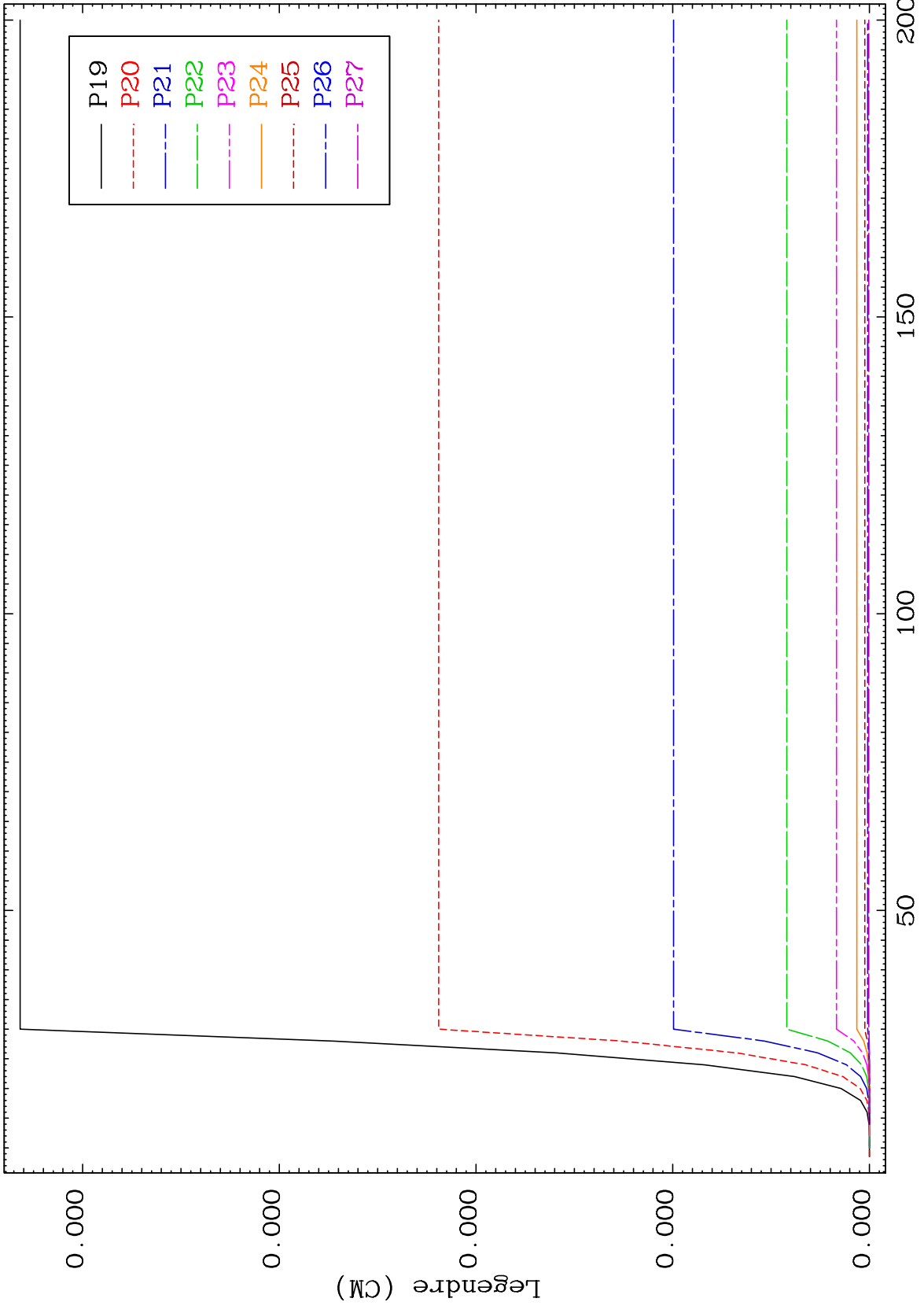


40

Incident Energy (MeV)

50-Sn-102

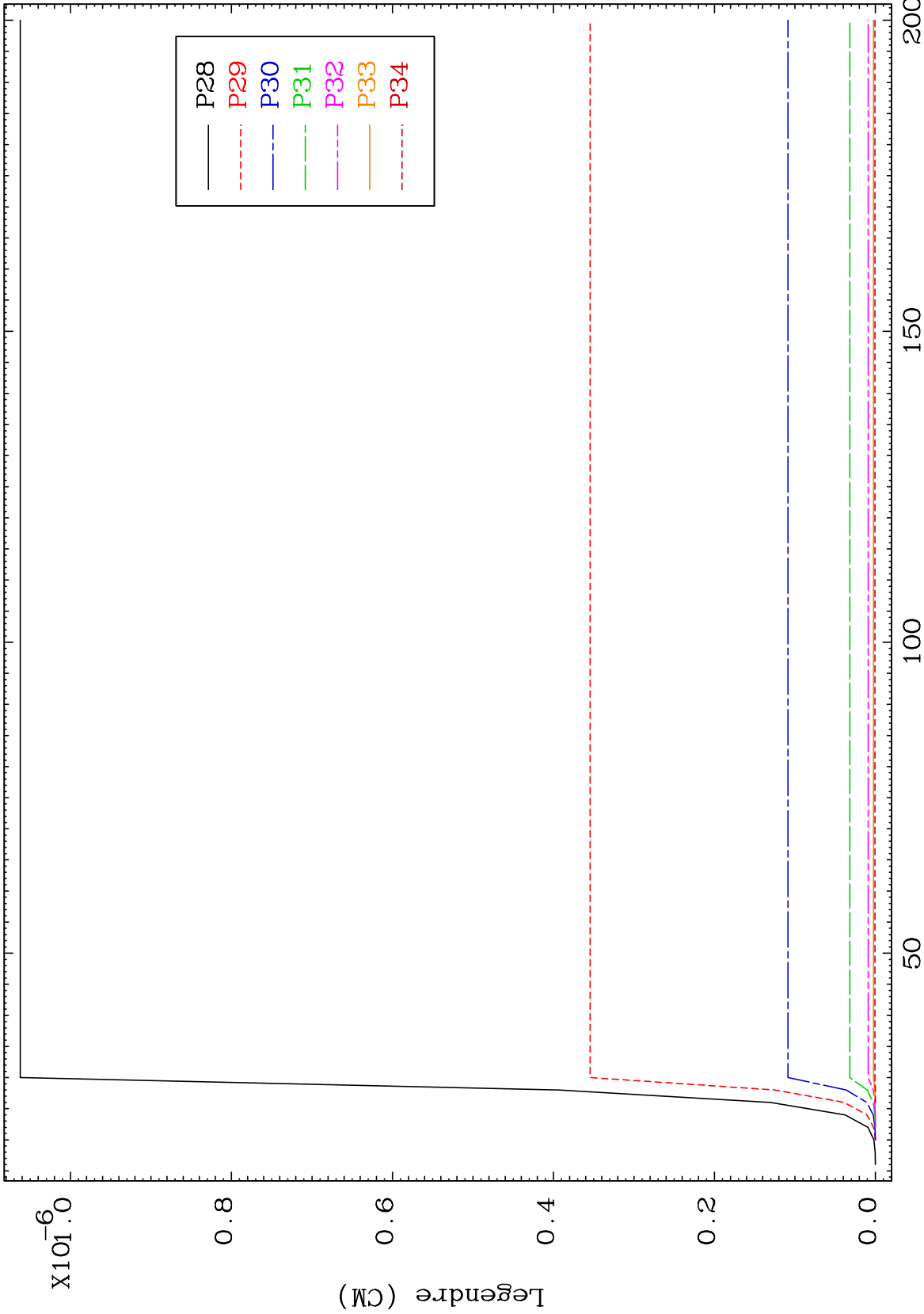
MAT 4995 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

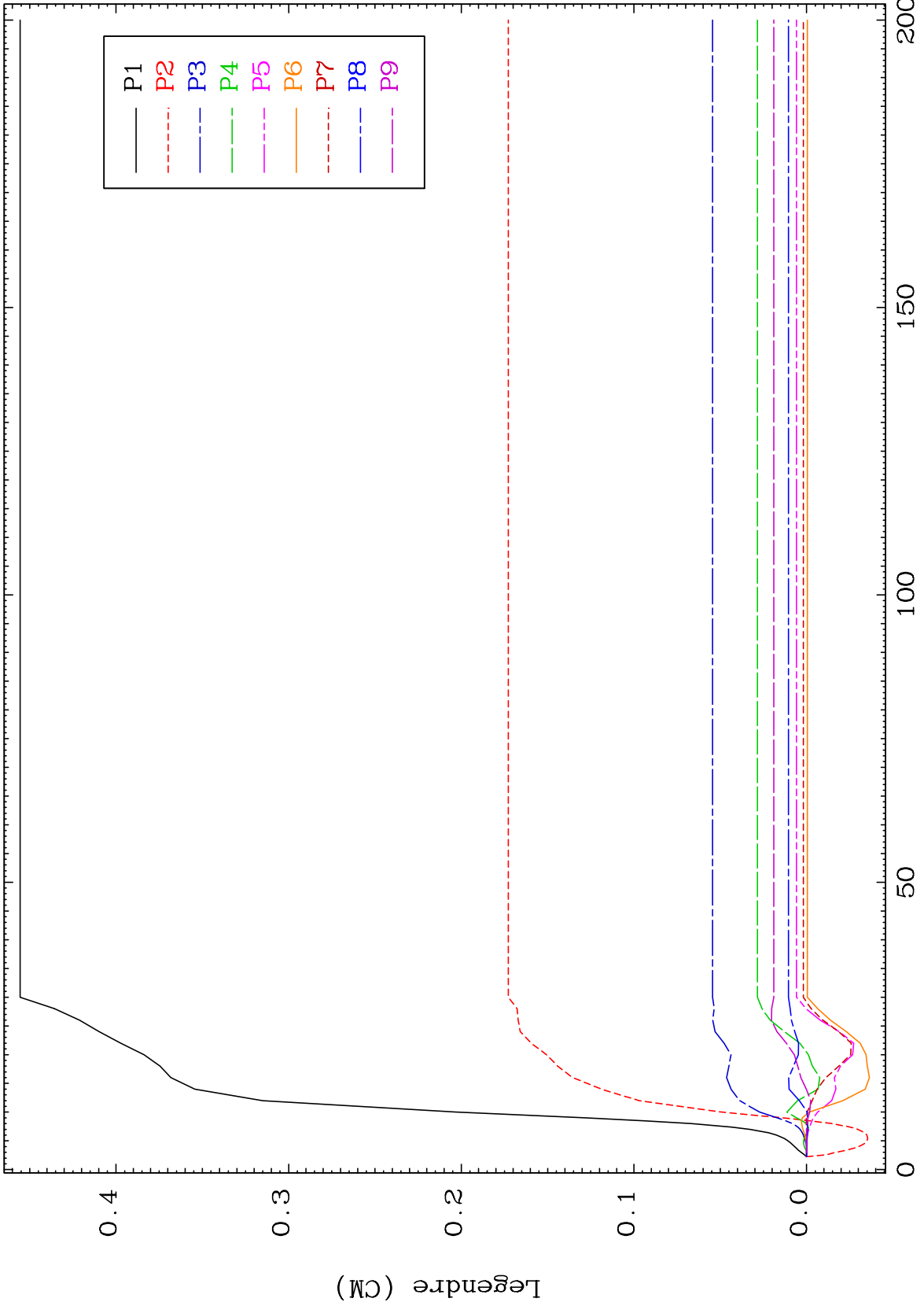


42

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-102

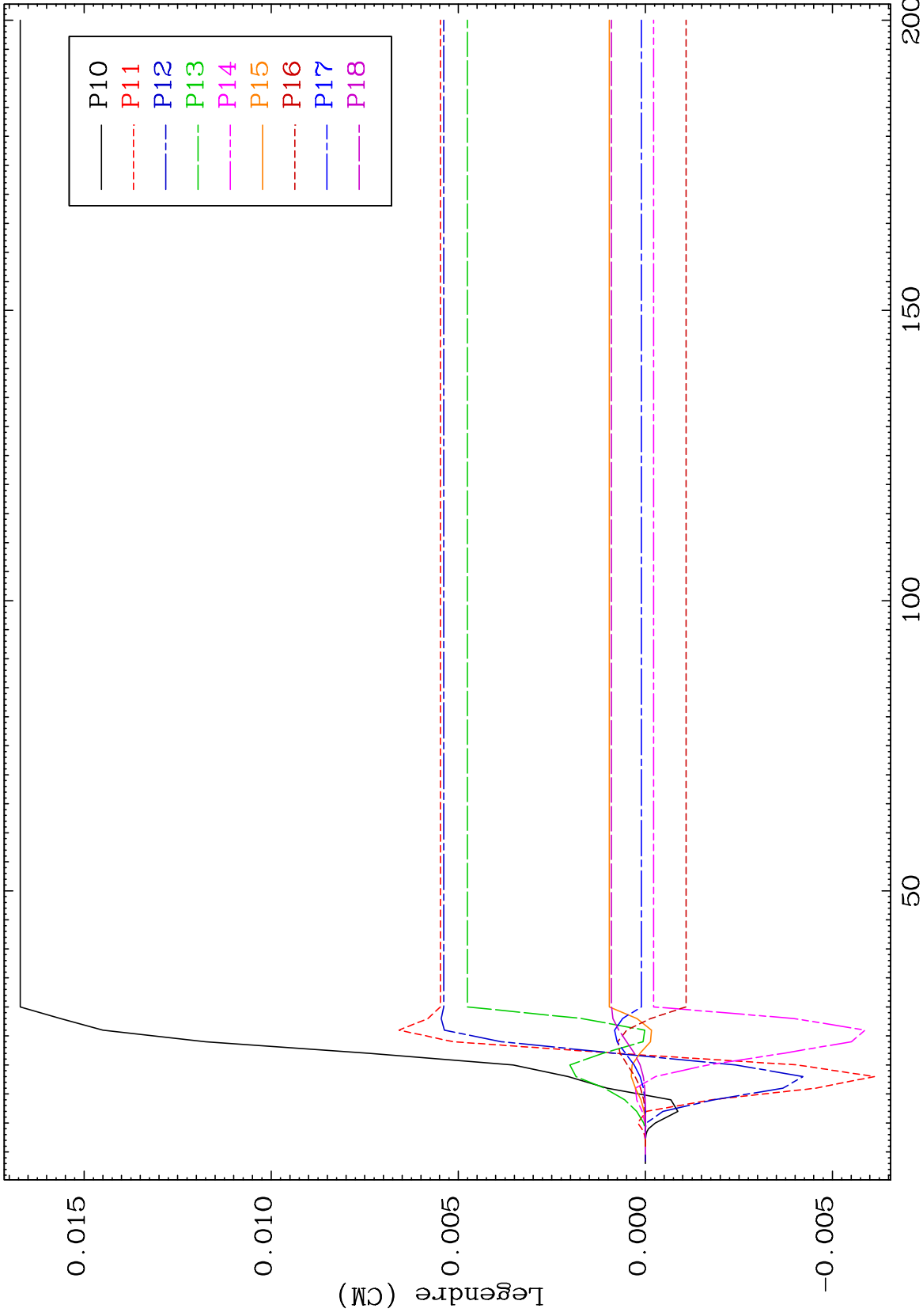


43 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102



44

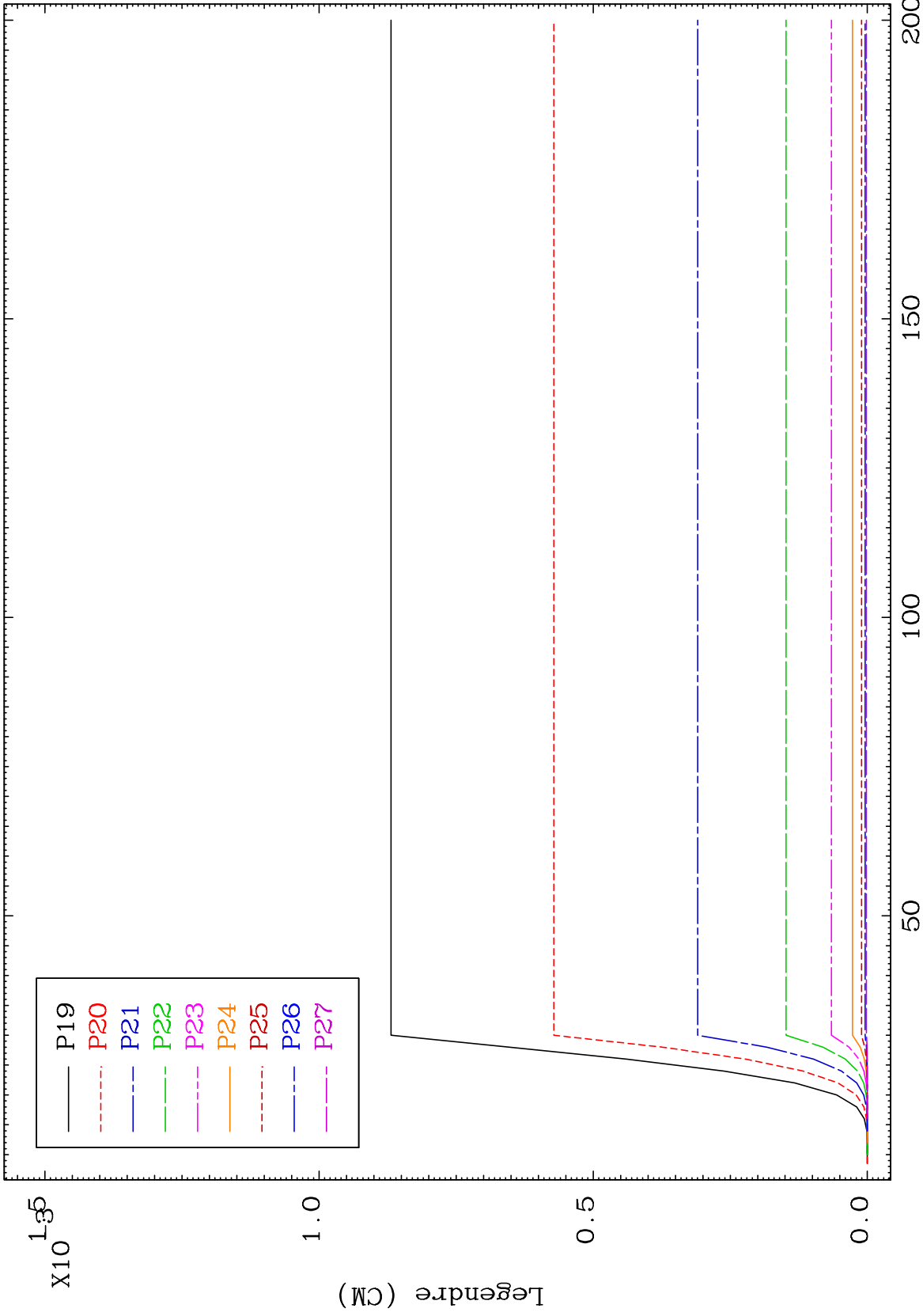
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



45

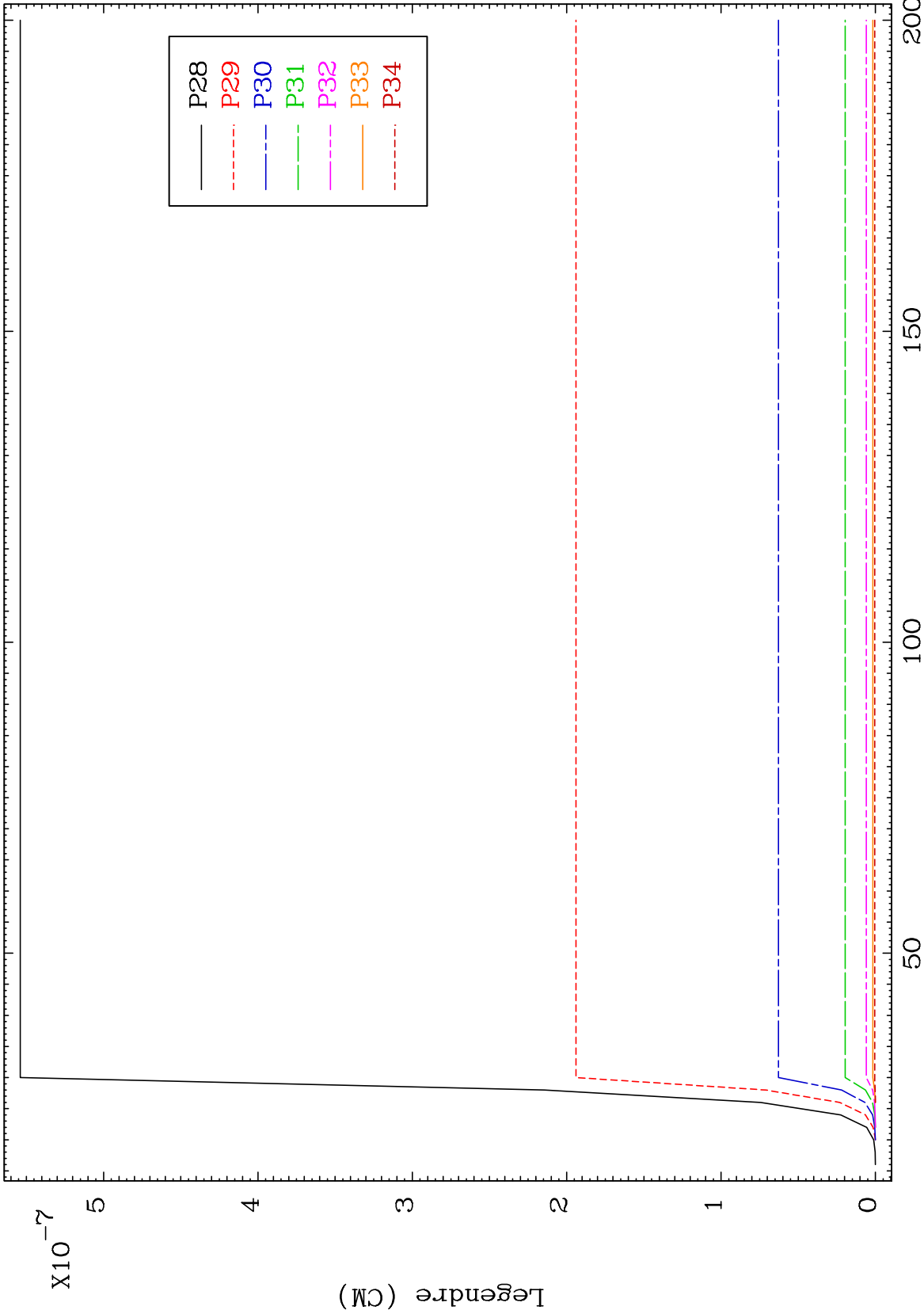
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



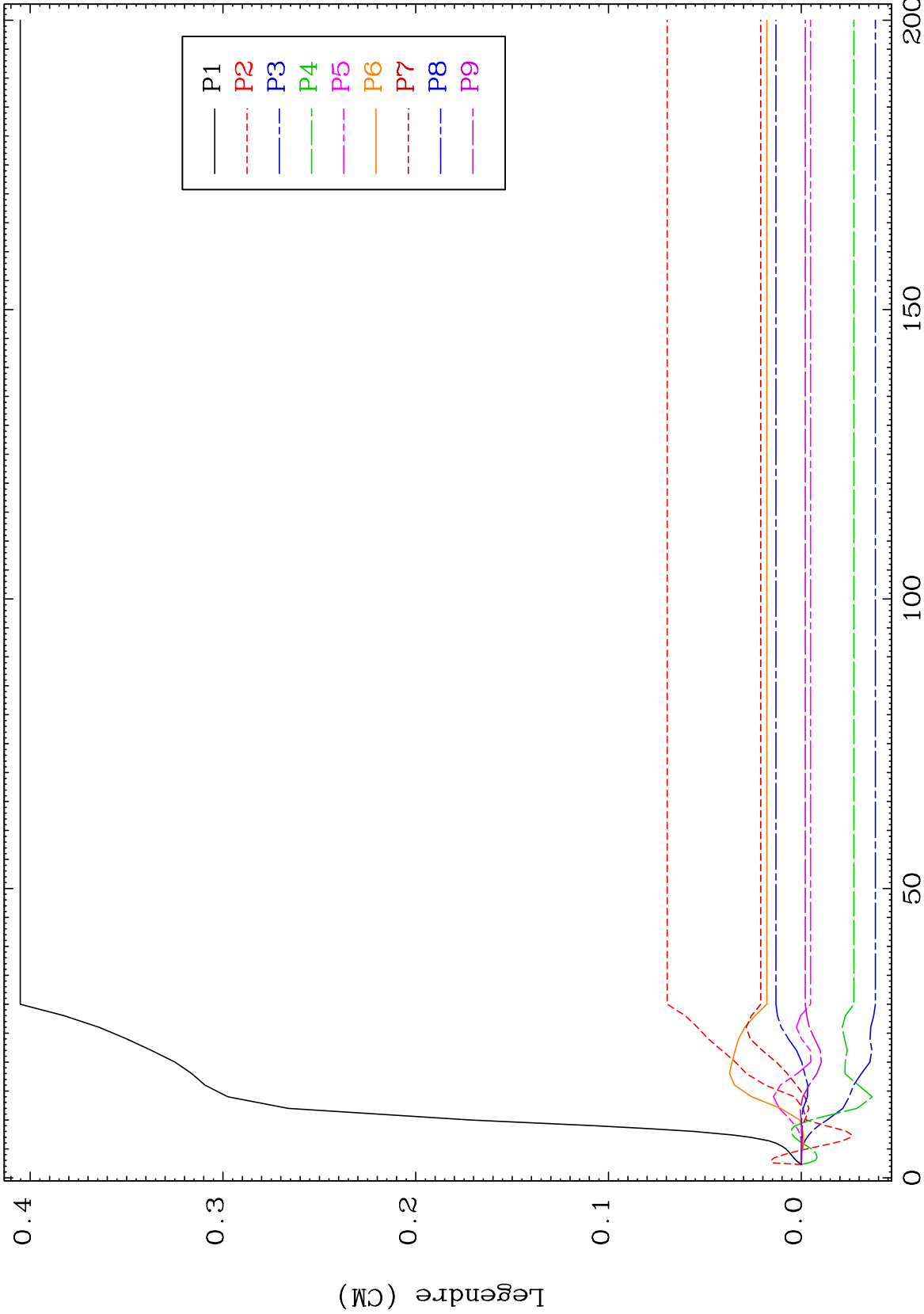
46

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 59 (n,n') Level Legendre Coefficients

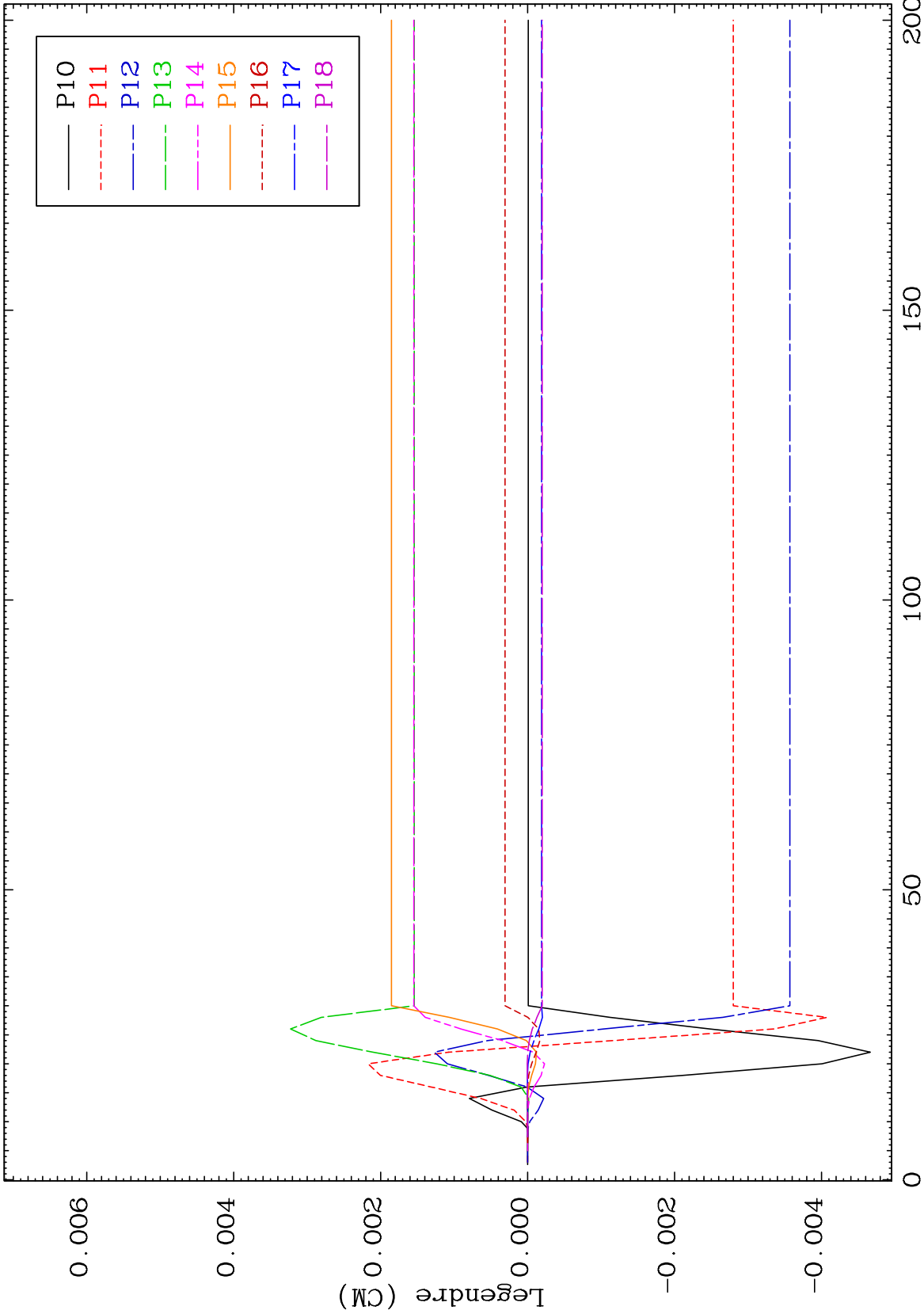
50-Sn-102



MAT 4995

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

50-Sn-102

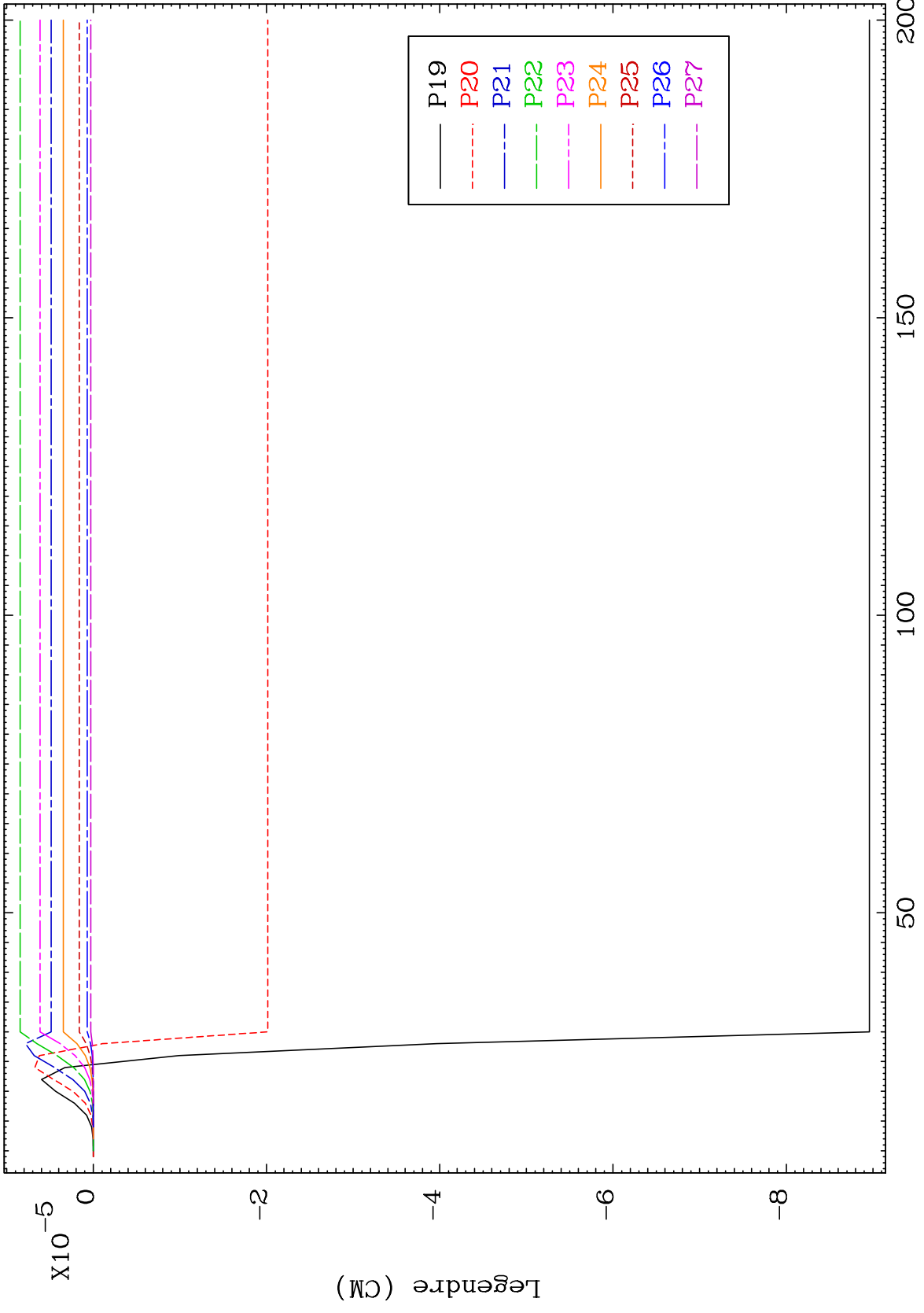


48

Incident Energy (MeV)

50-Sn-102

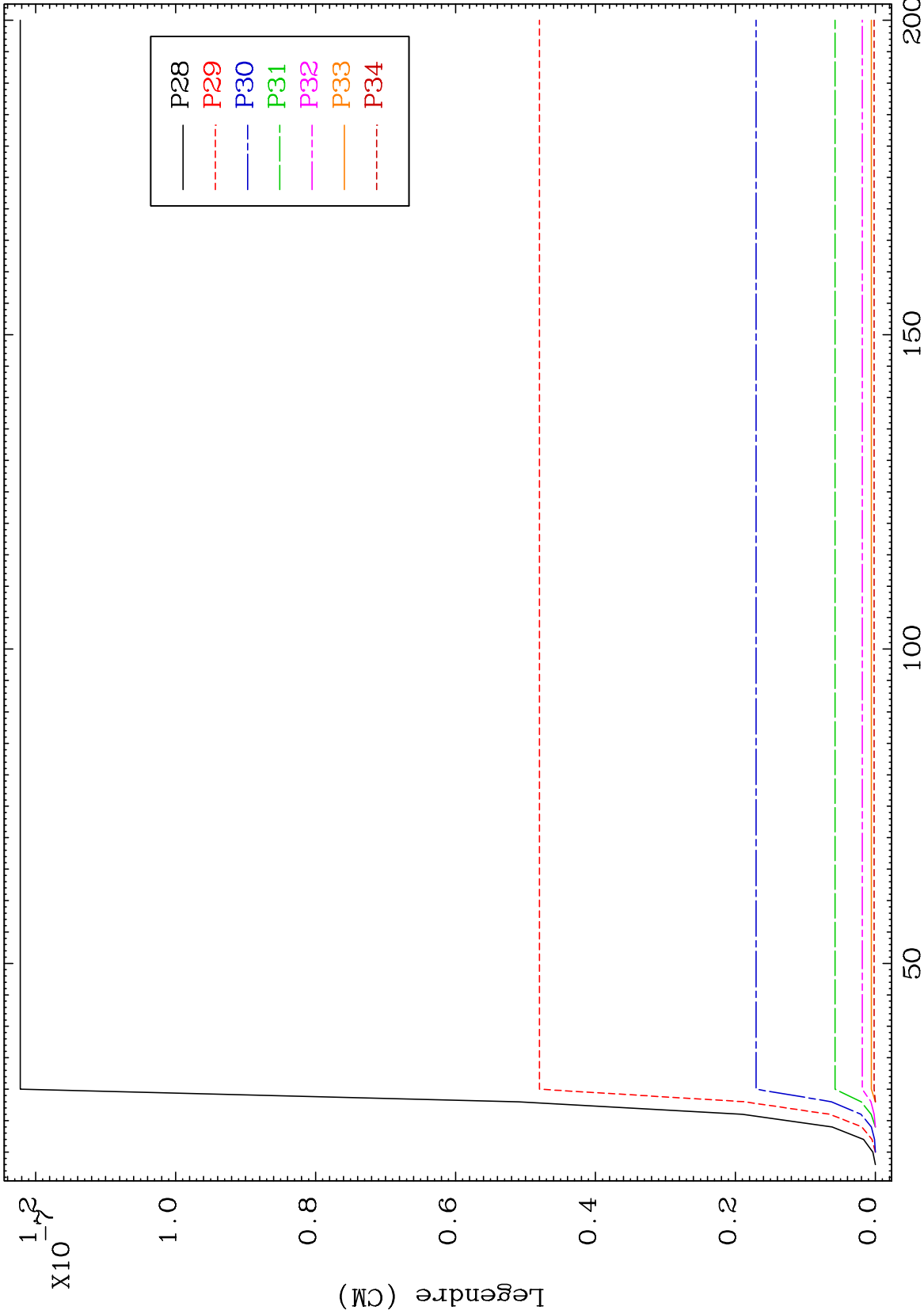
MAT 4995 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

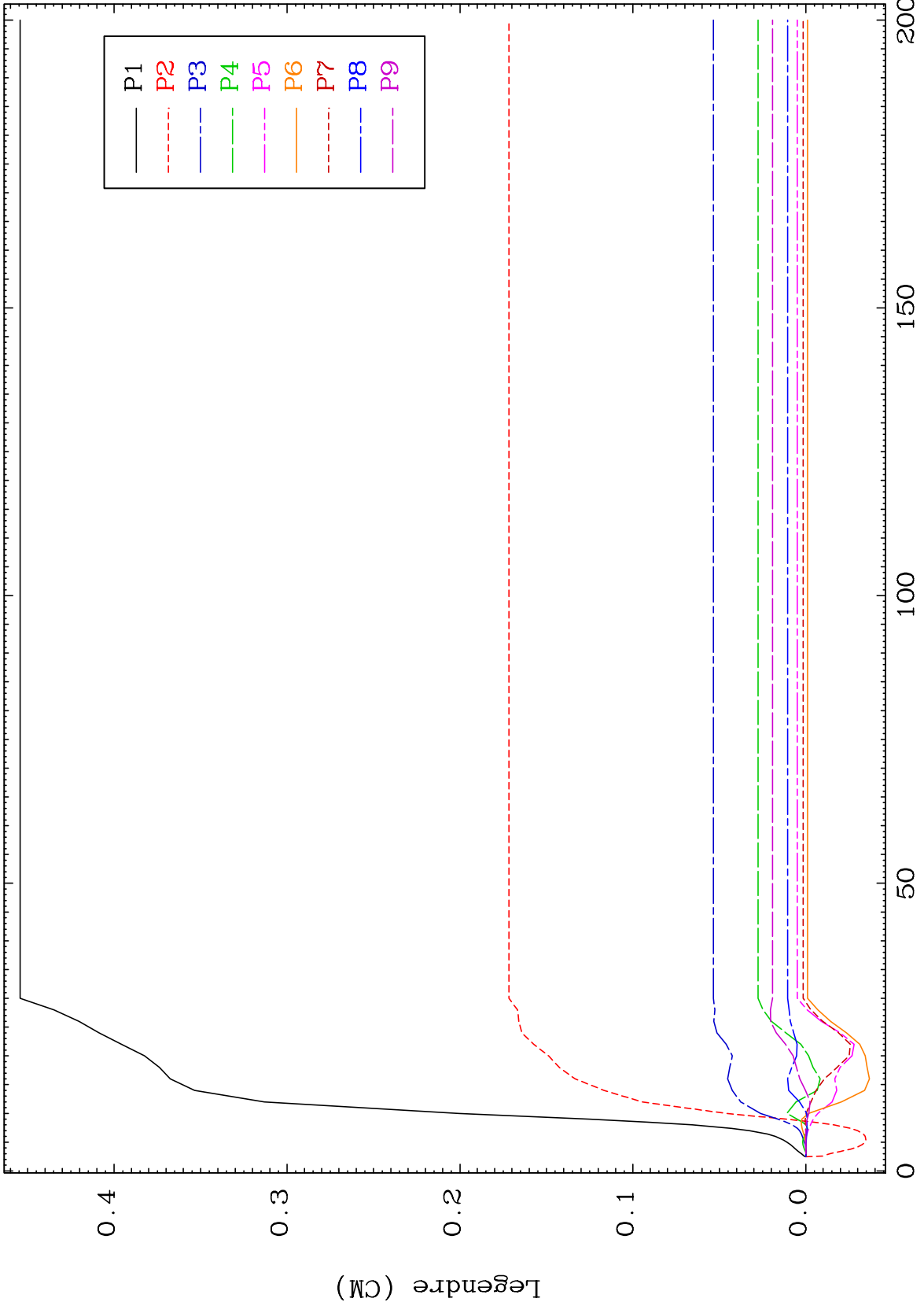


50-Sn-102

Incident Energy (MeV)

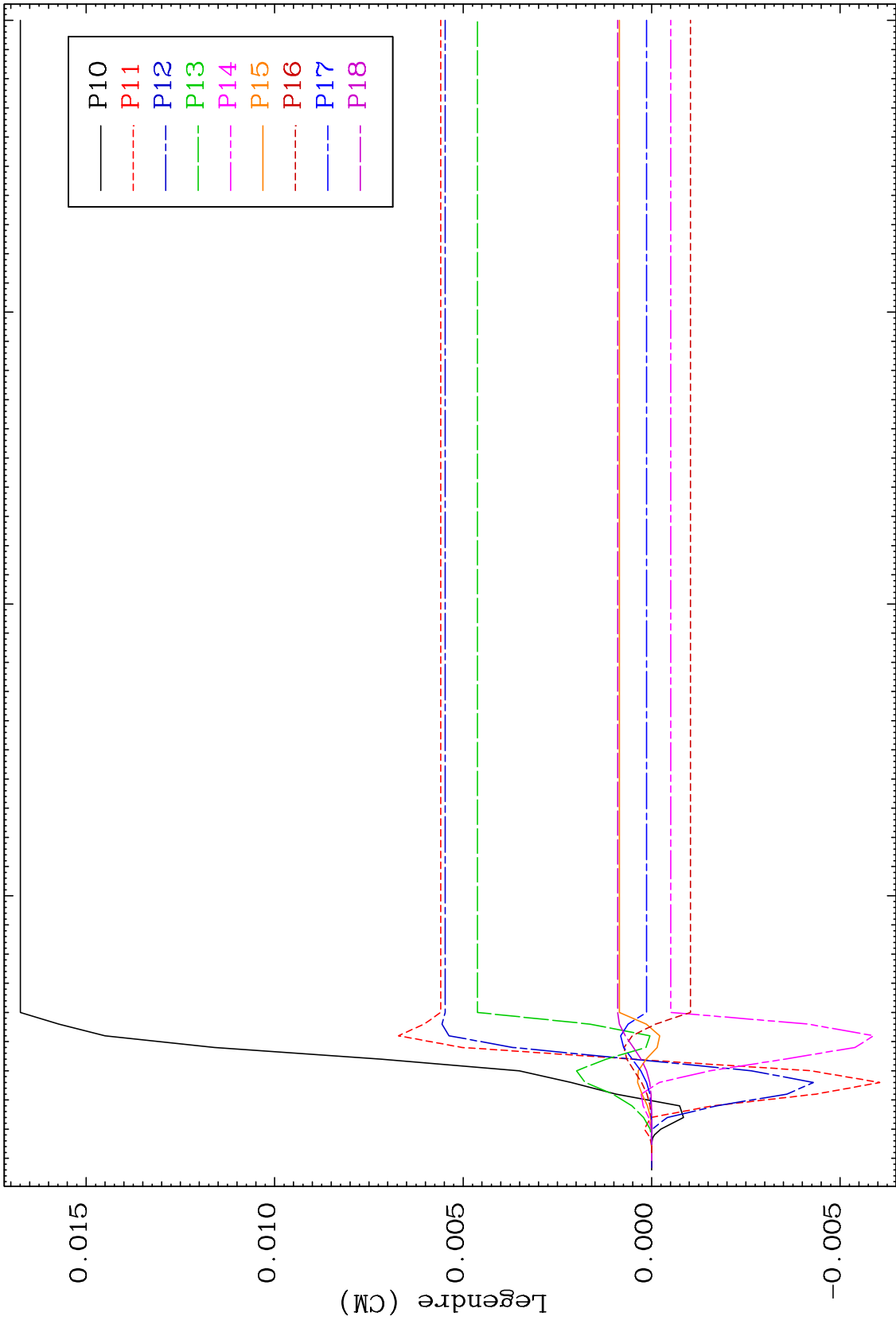
50

MAT 4995 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-102



51 50-Sn-102

MAT 4995 MT= 60 (n,n') Level Legendre Coefficients 50-Sn-102

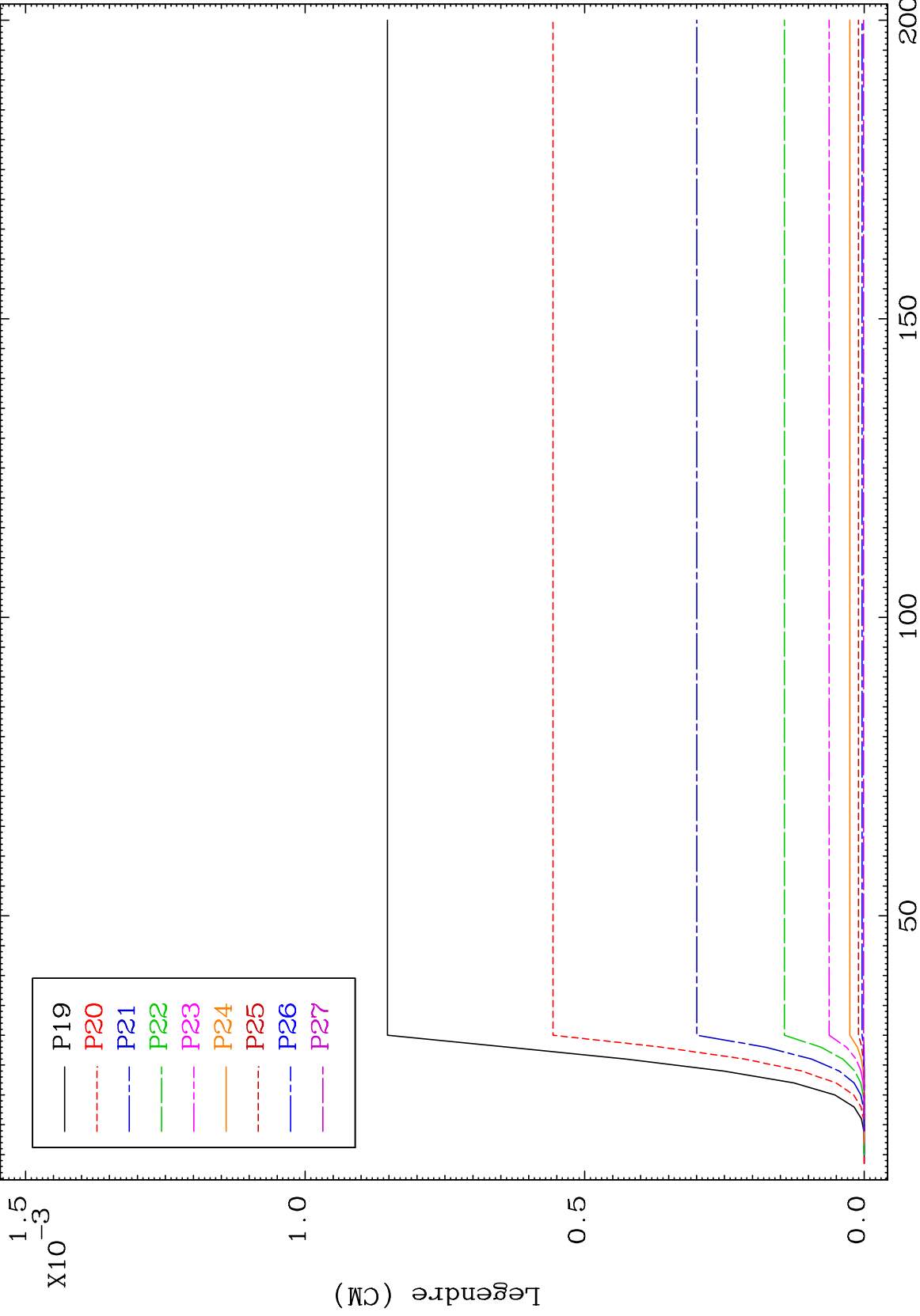


52 50-Sn-102

MAT 4995

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

50-Sn-102



53

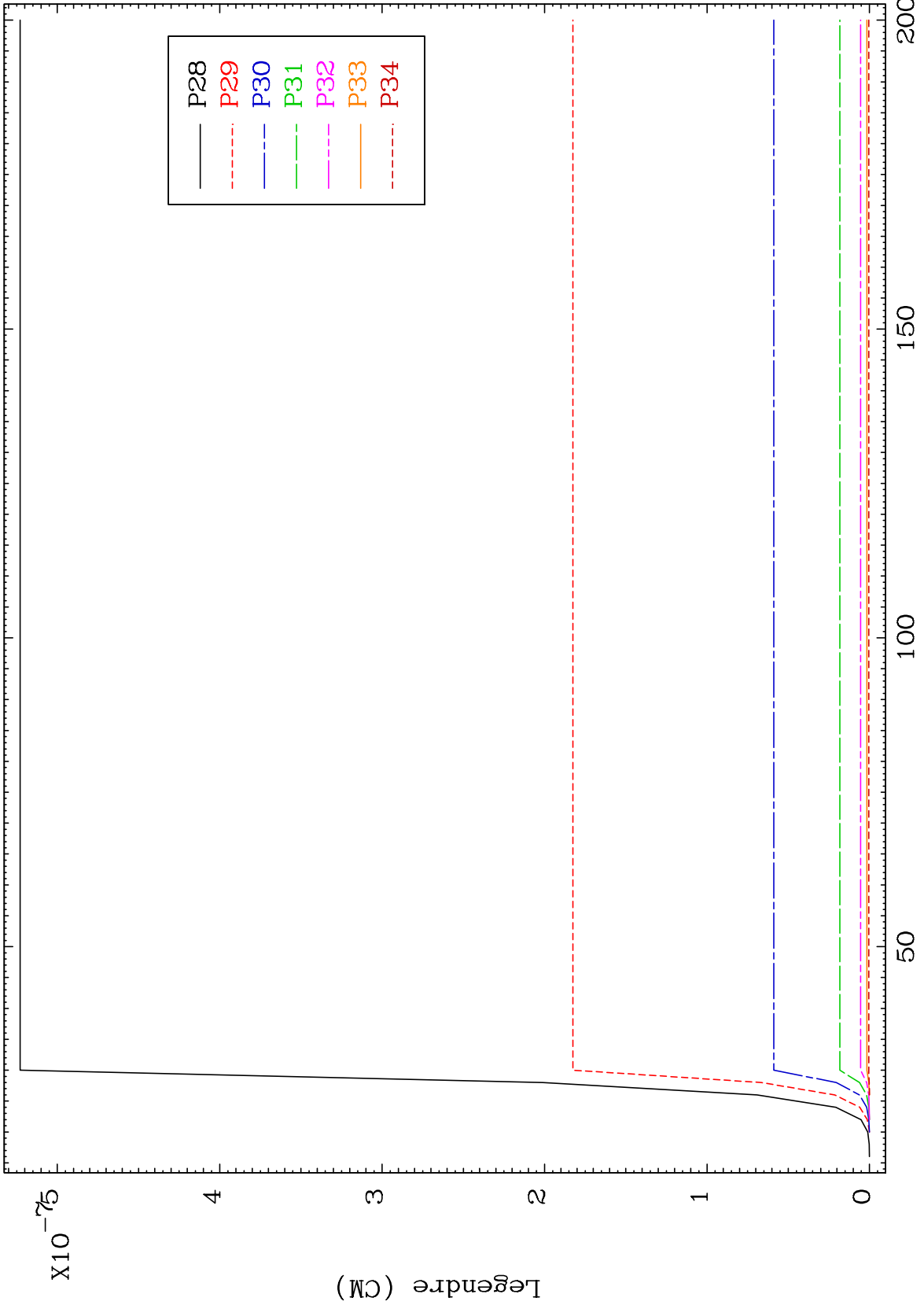
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

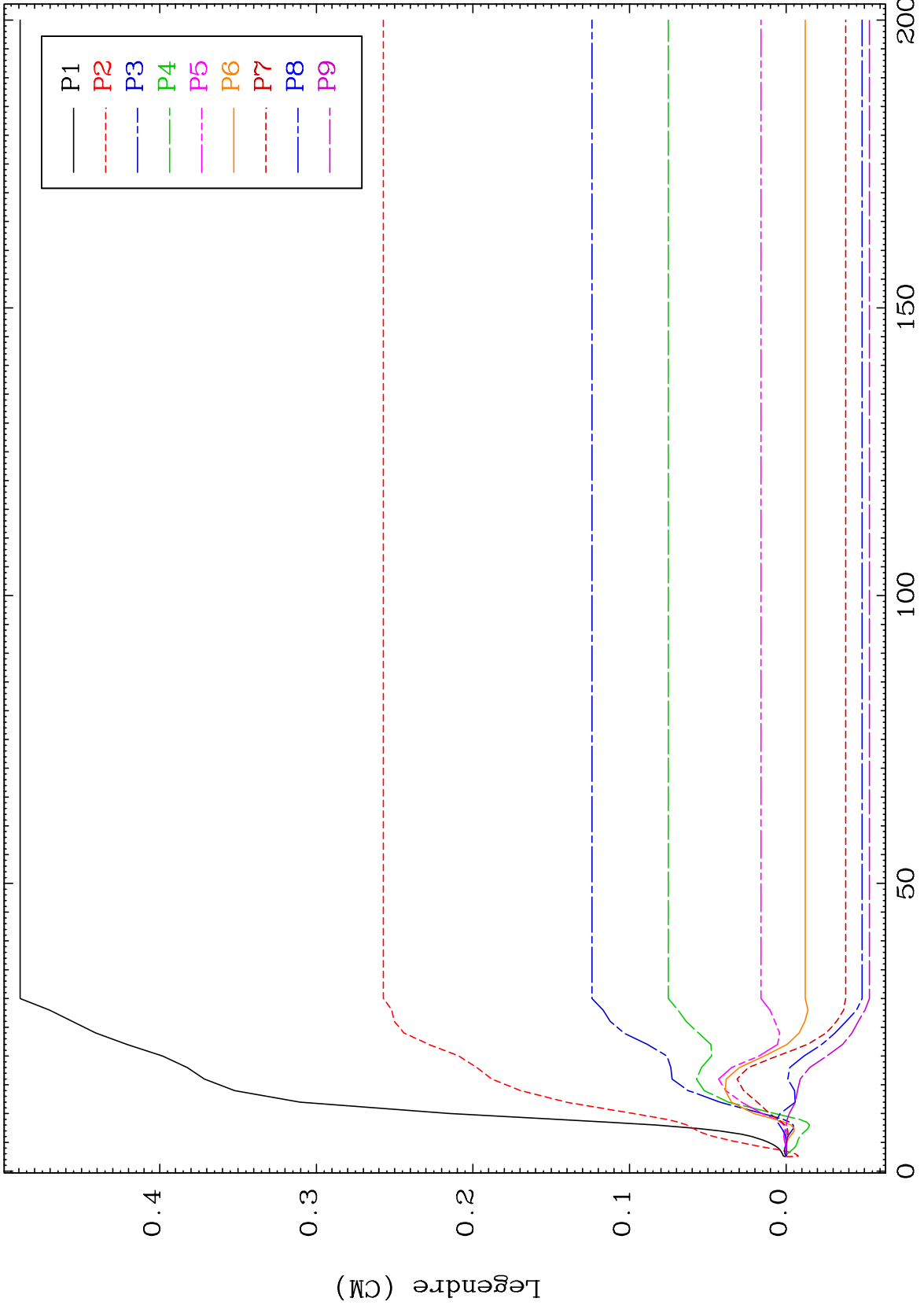


54

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-102

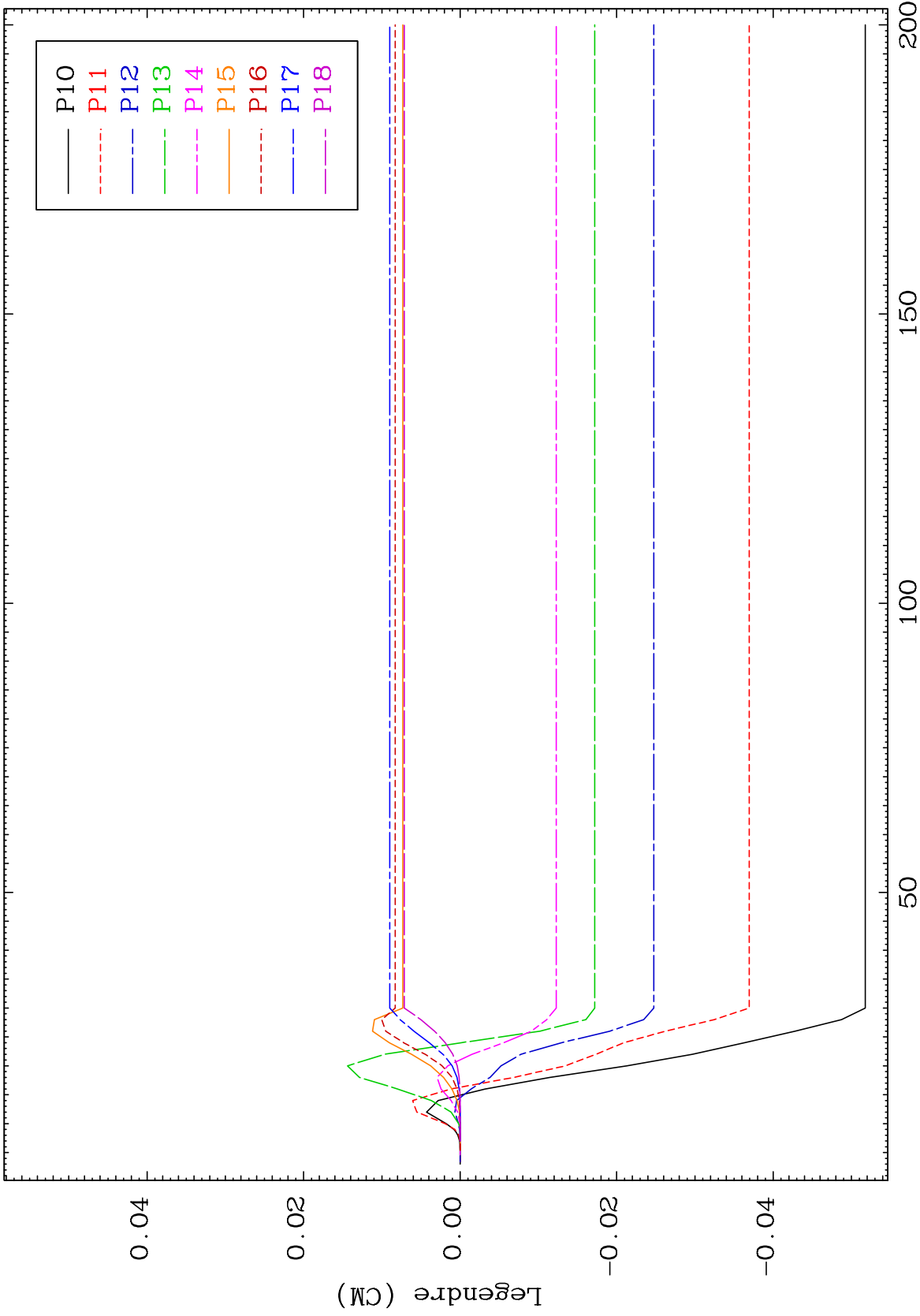


Legendre (CM) Incident Energy (MeV) 50-Sn-102

MAT 4995

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

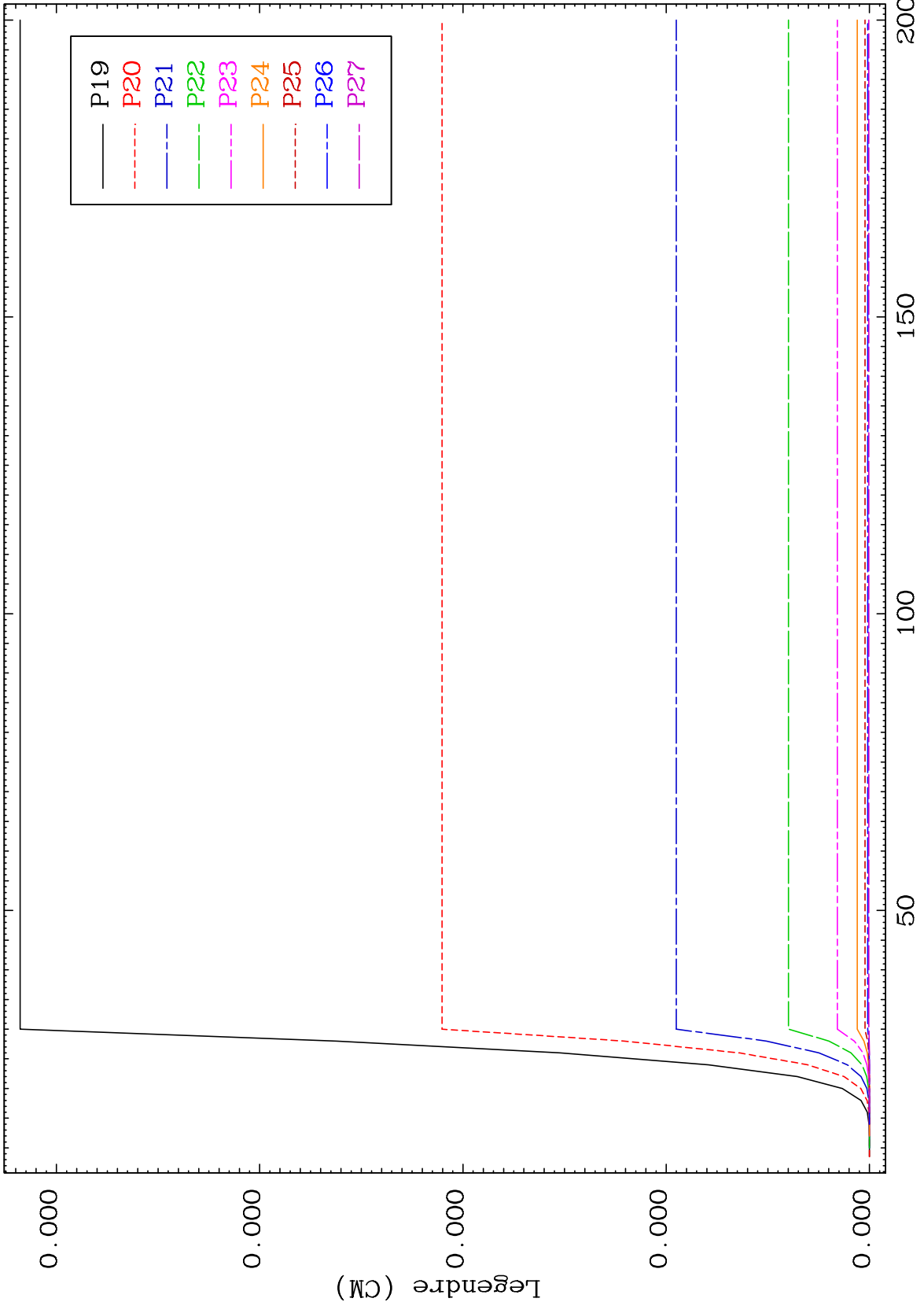
50-Sn-102



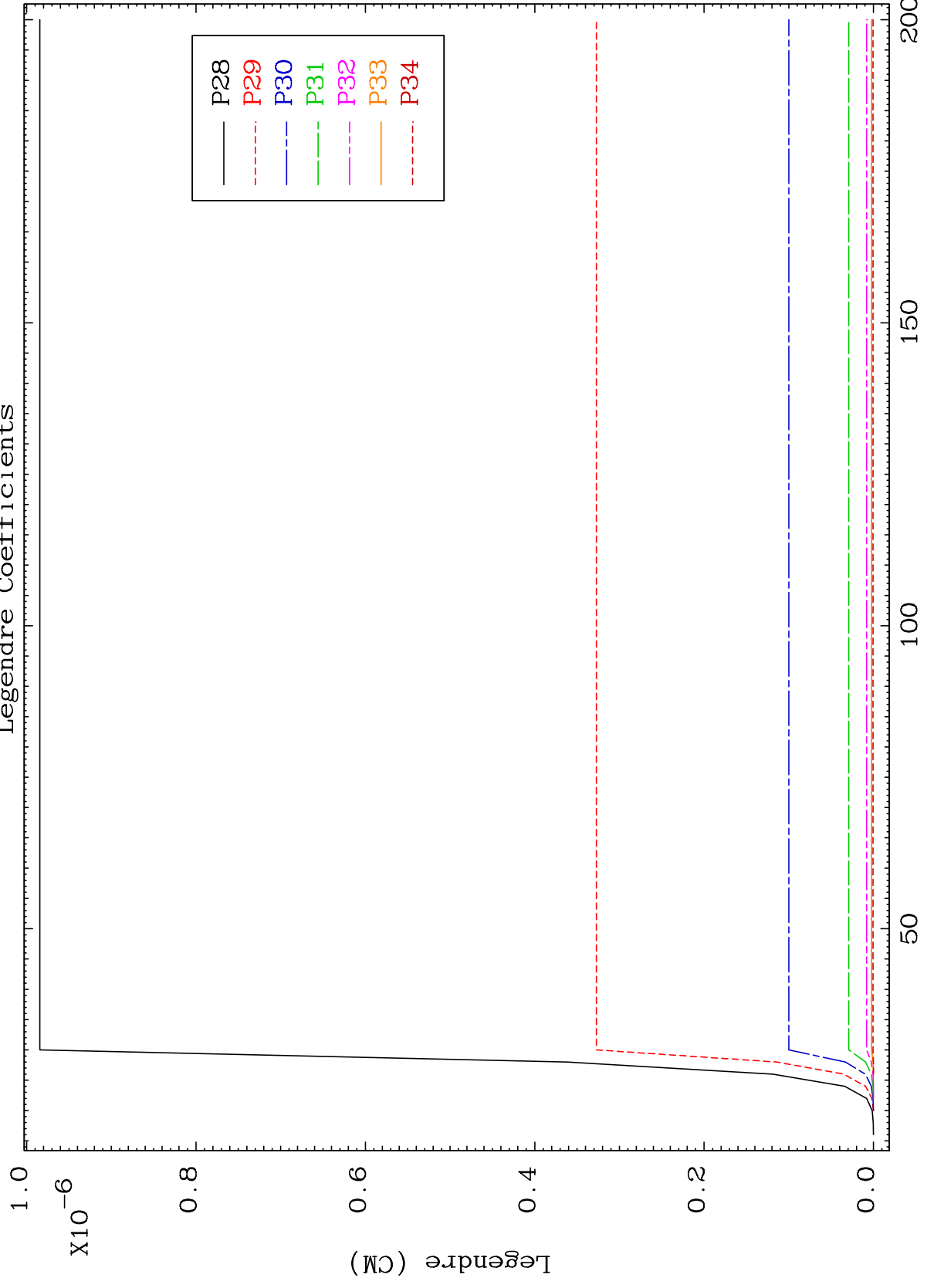
56

Incident Energy (MeV)

50-Sn-102

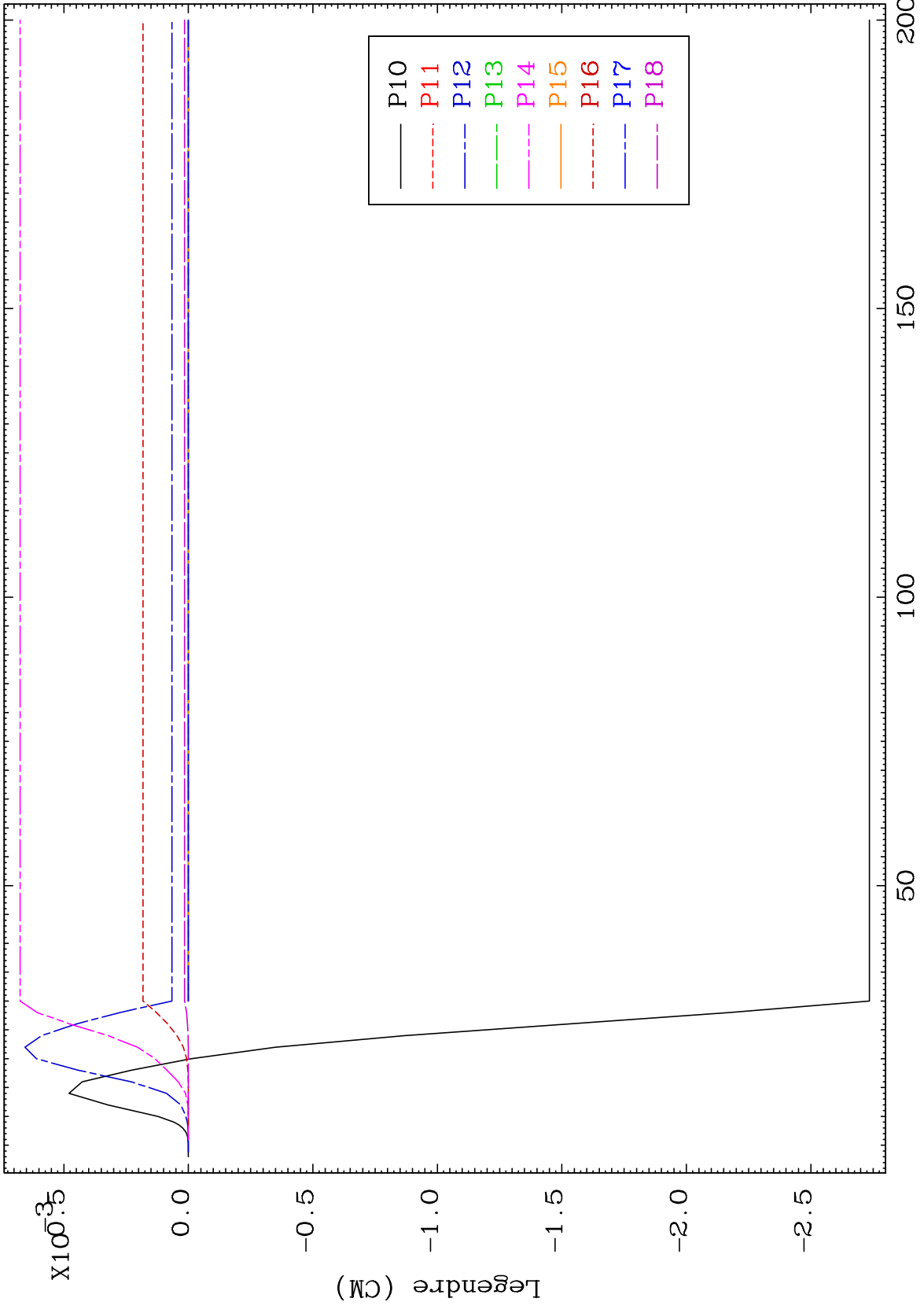


MAT 4995 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-102



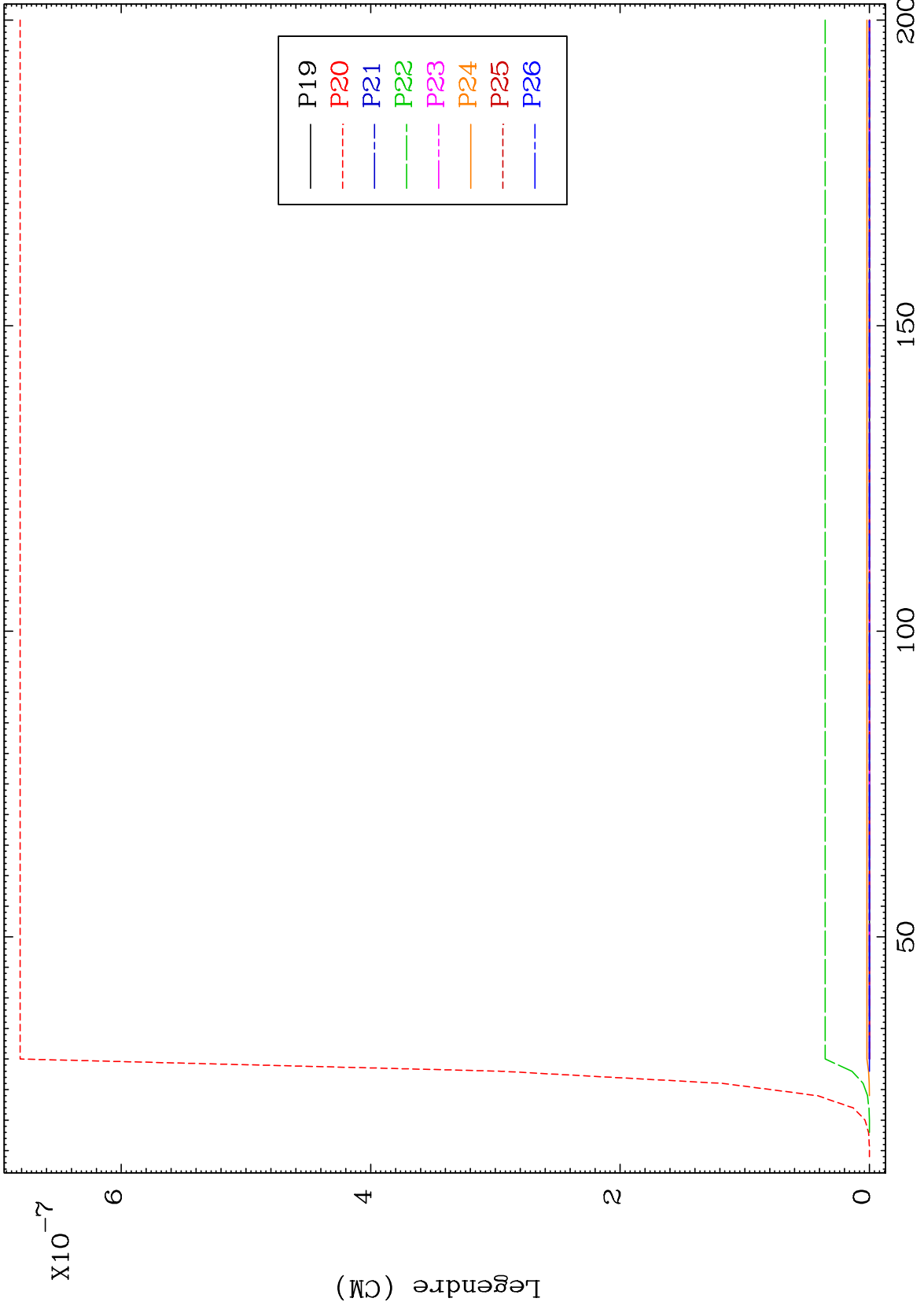
58 50-Sn-102

MAT 4995 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-102

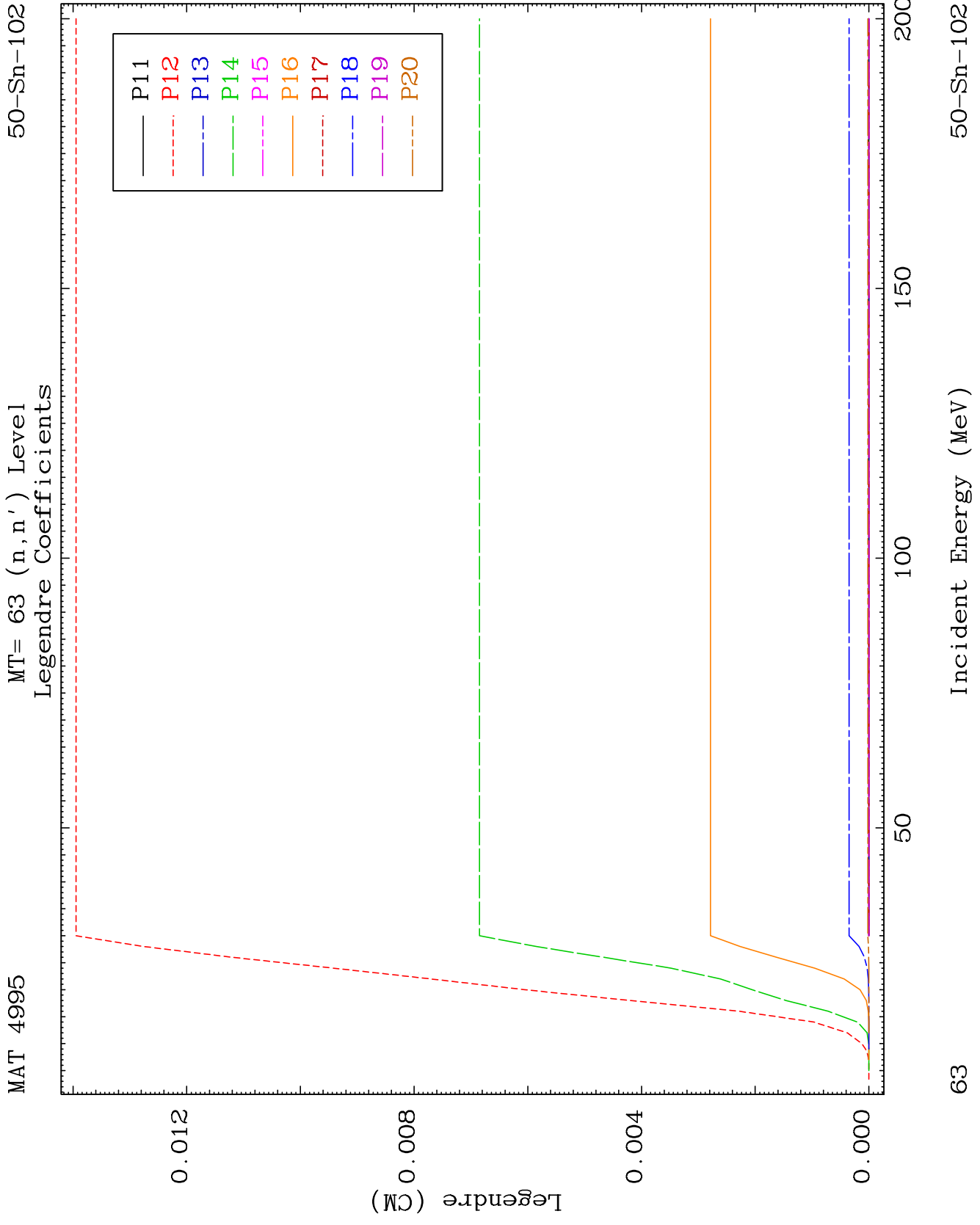


60 Incident Energy (MeV) 50-Sn-102

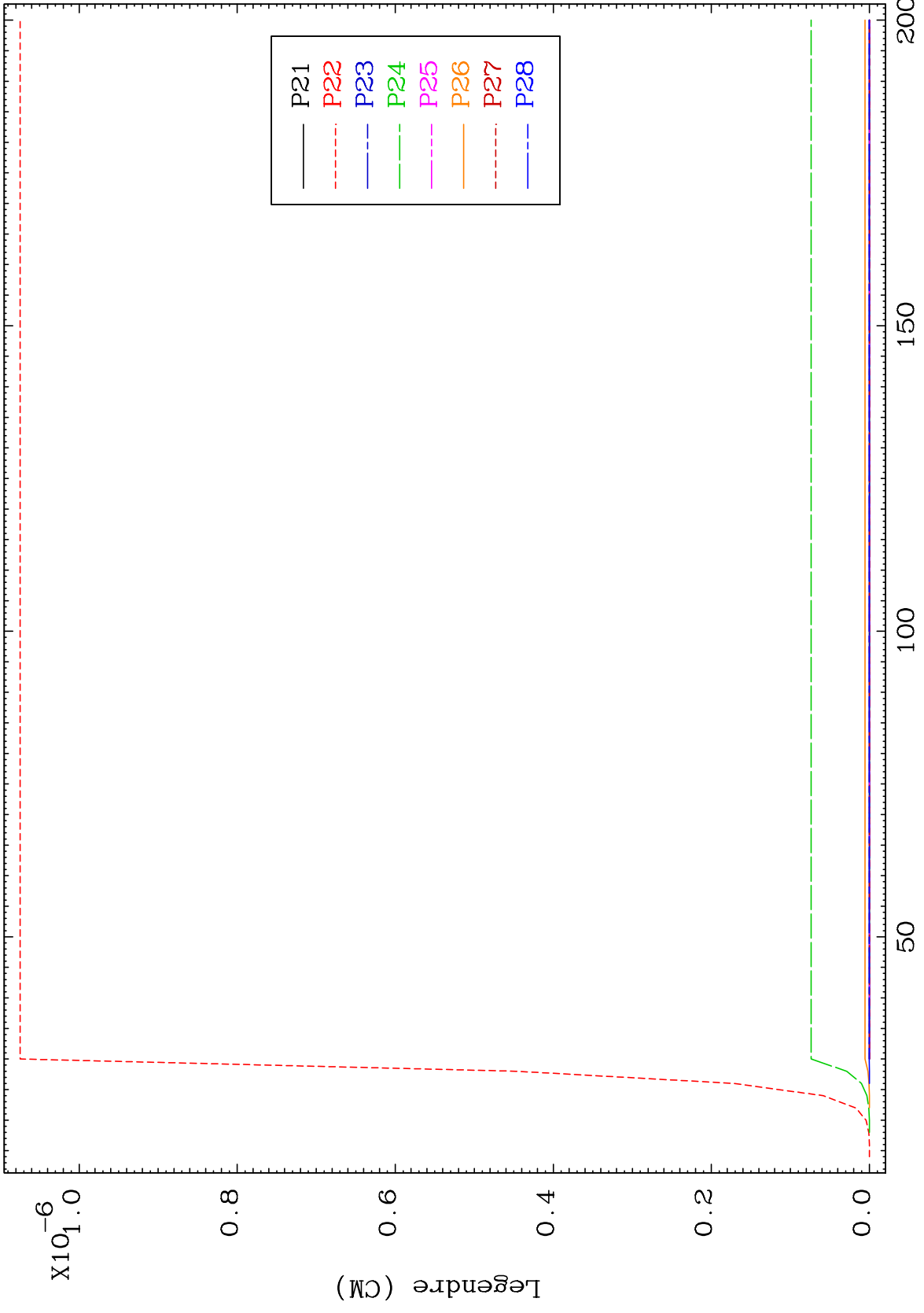
MAT 4995 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-102



61 Incident Energy (MeV) 50-Sn-102



MAT 4995 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-102

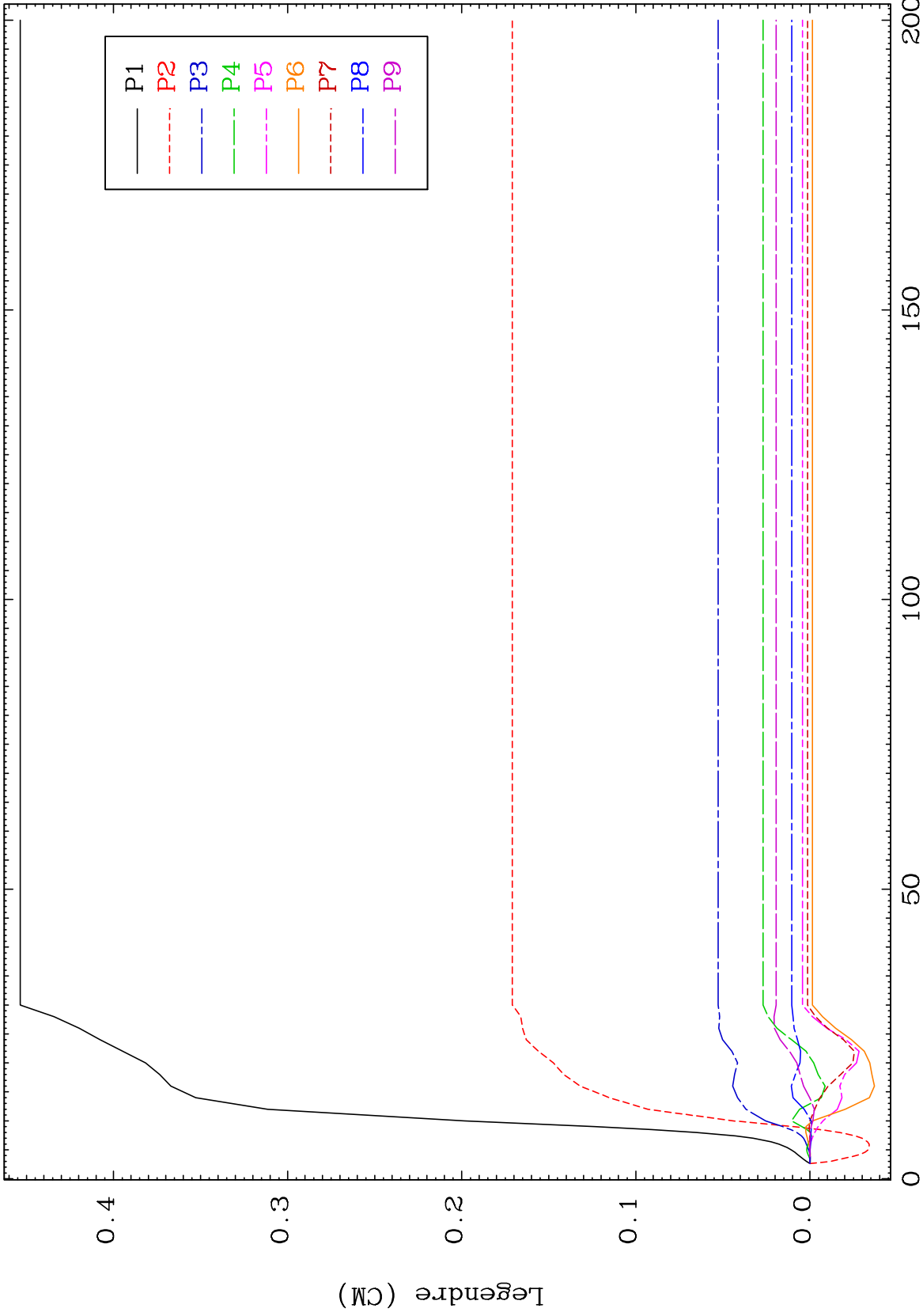


64 50-Sn-102

MAT 4995

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

50-Sn-102



65

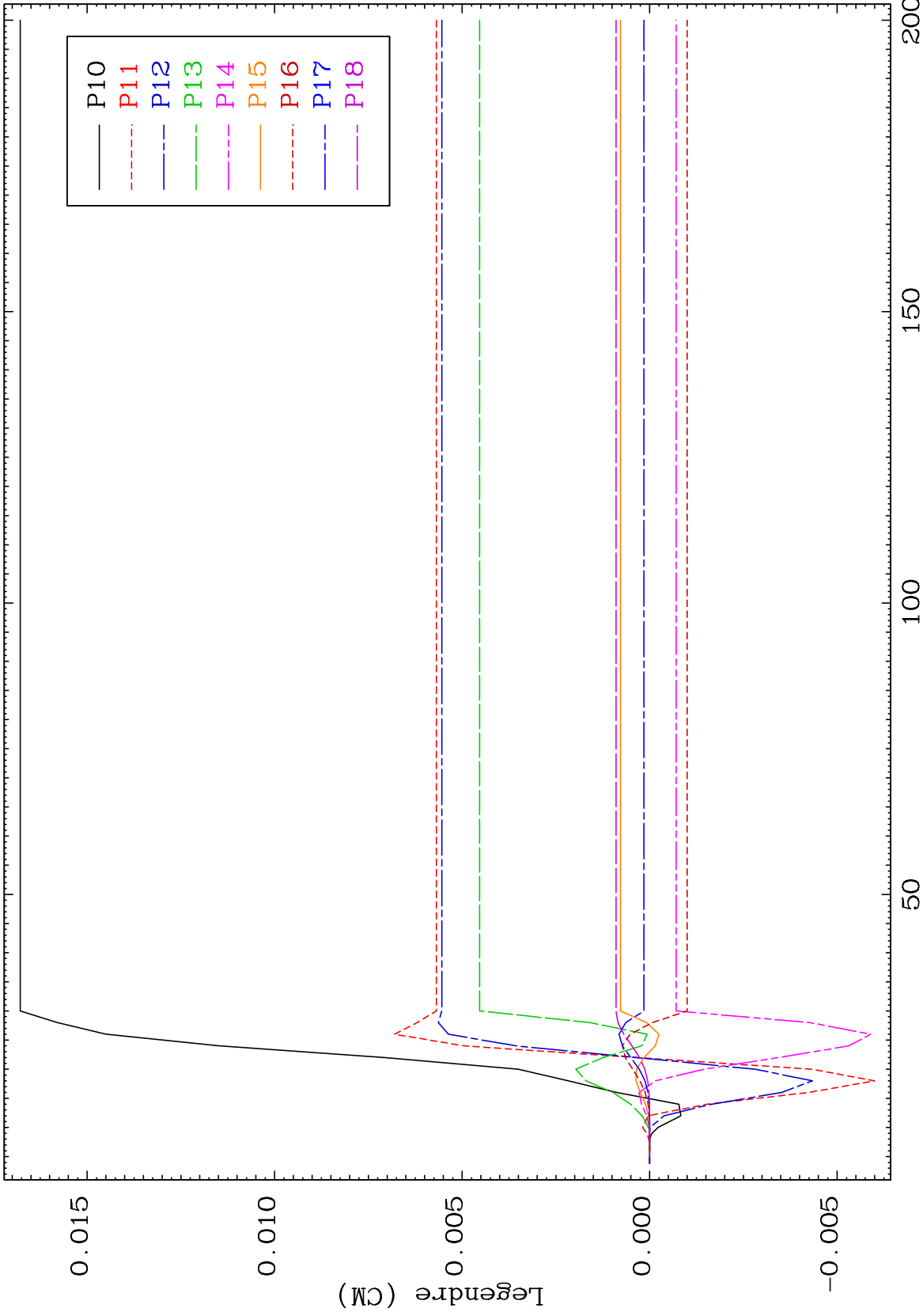
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



66

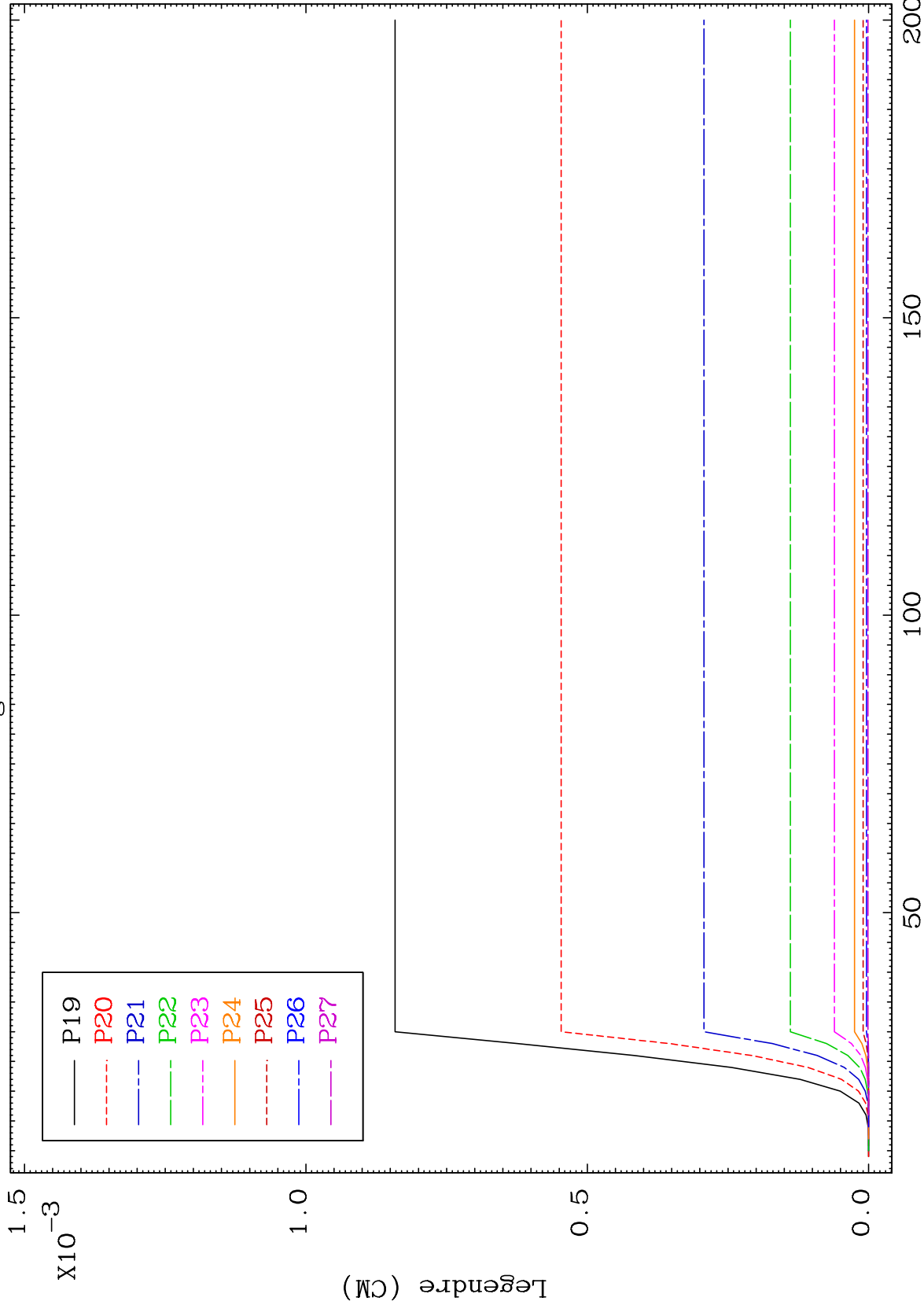
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



67

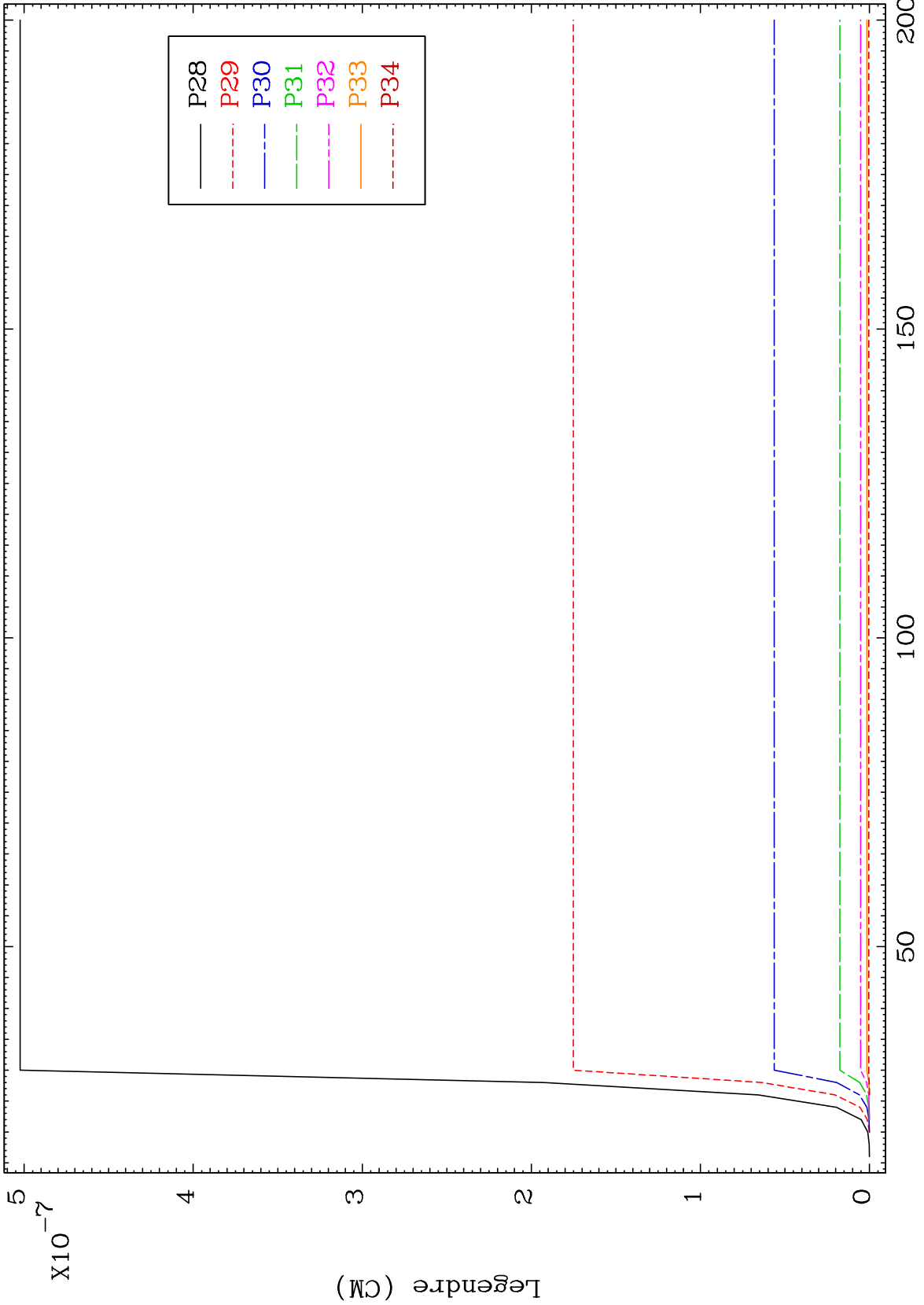
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

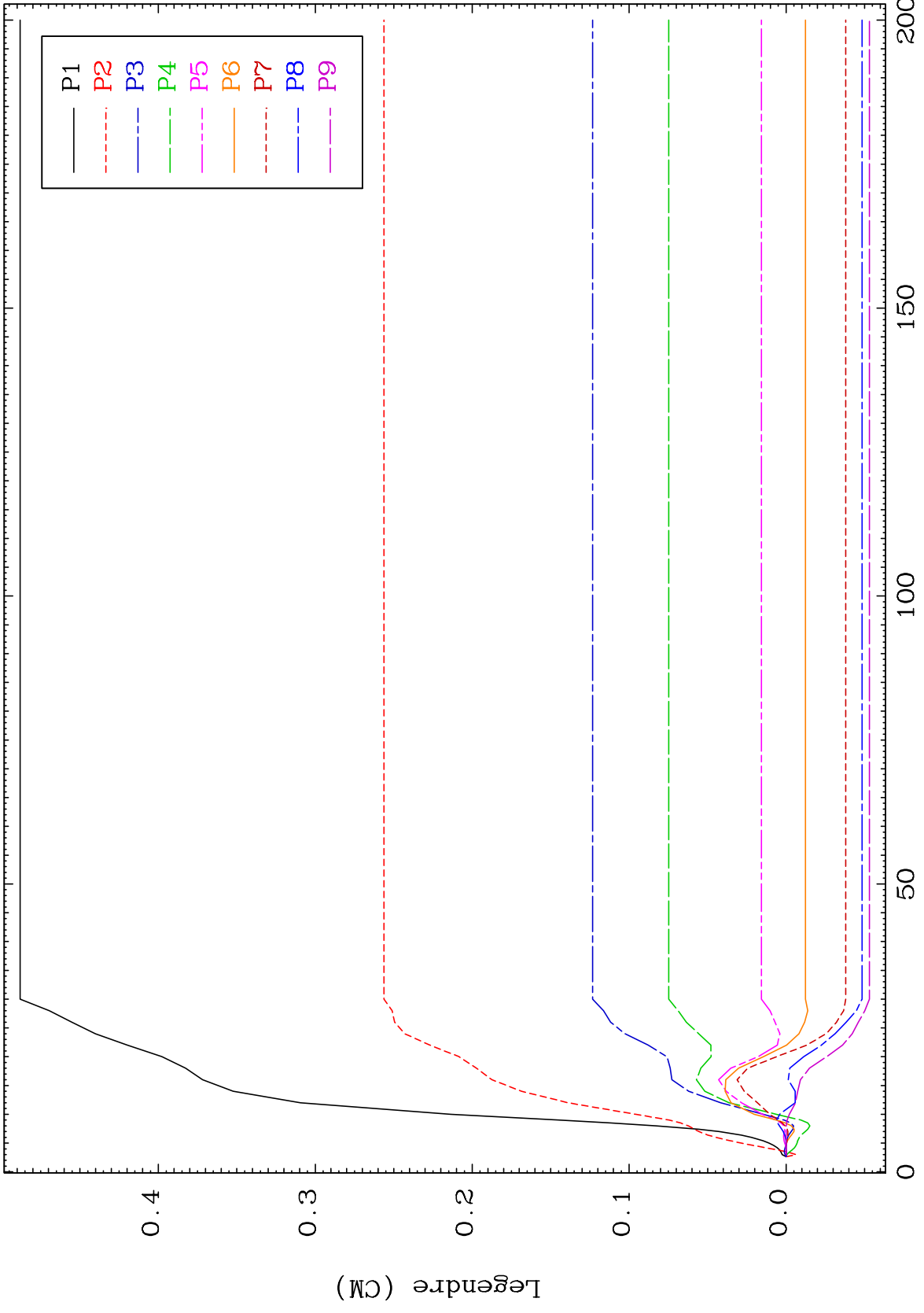


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Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-102

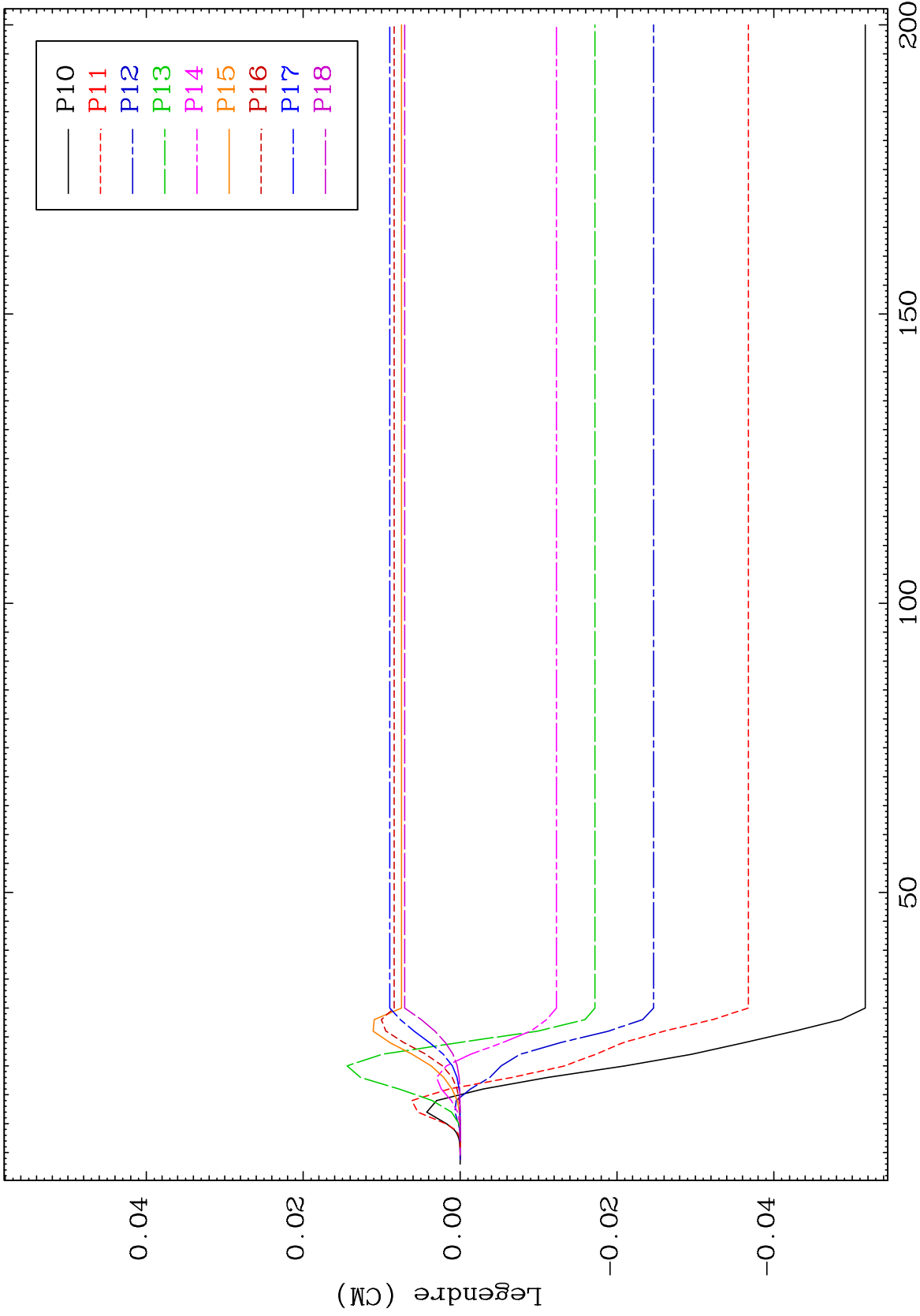


69 50-Sn-102

MAT 4995

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

50-Sn-102

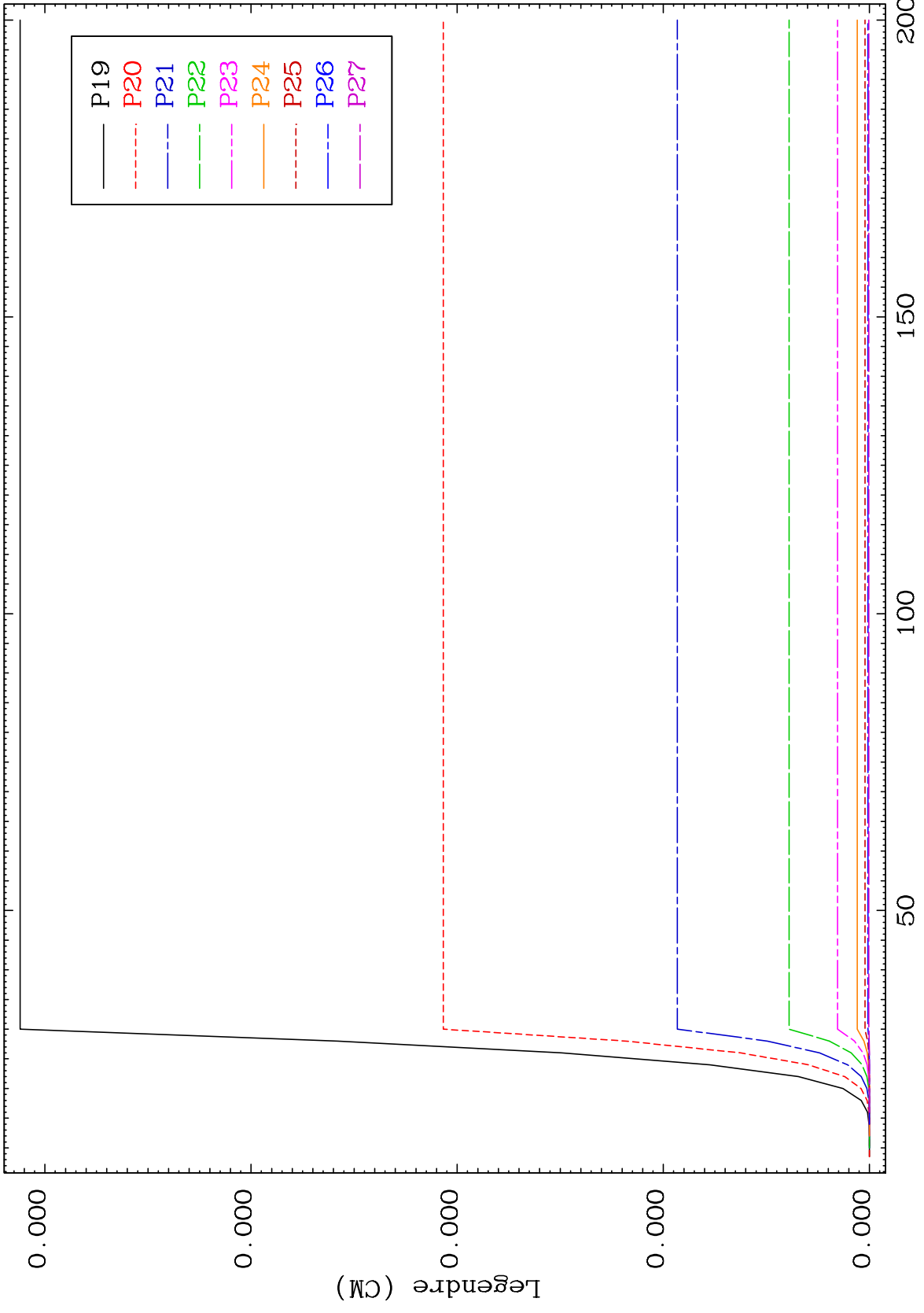


70

Incident Energy (MeV)

50-Sn-102

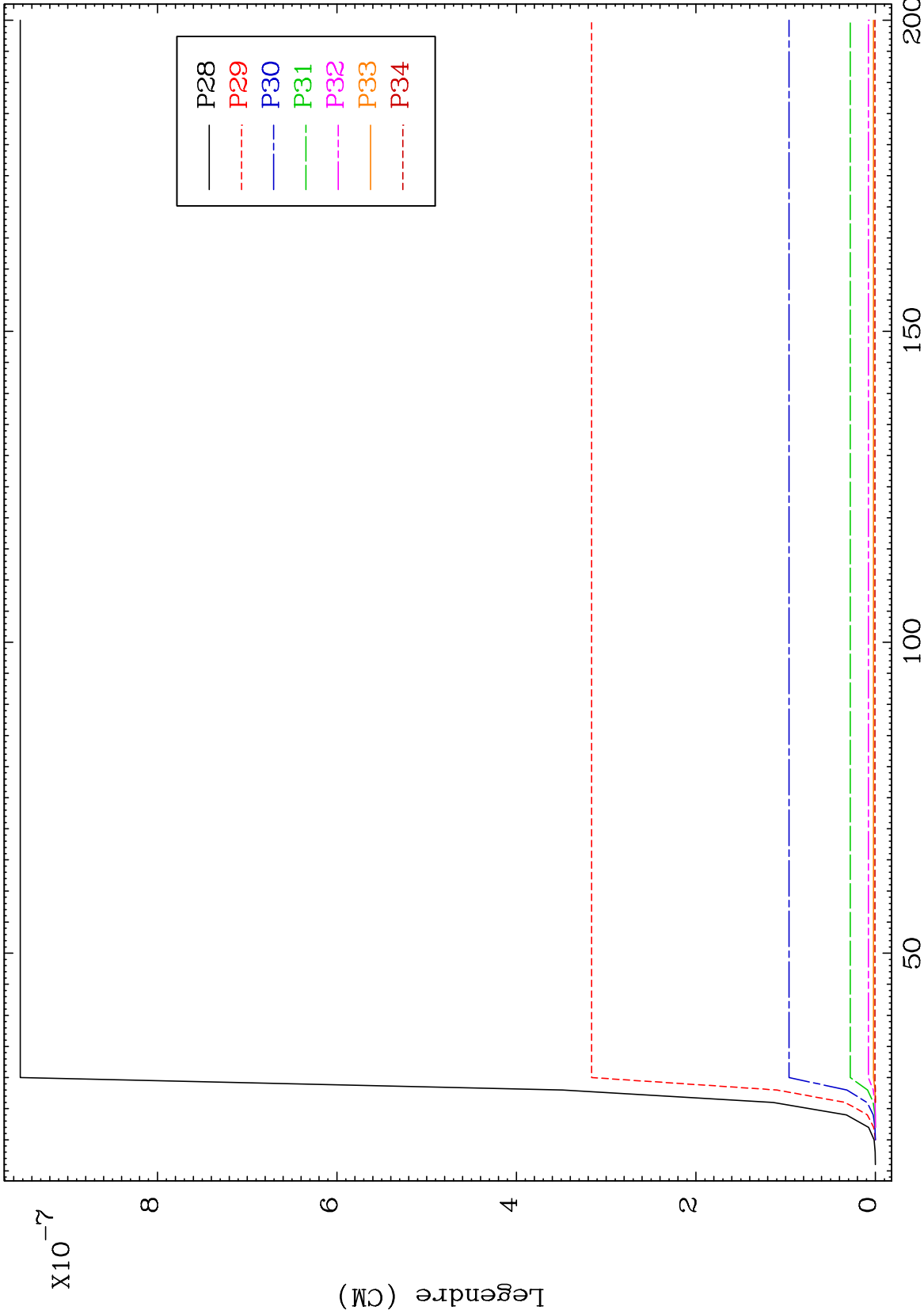
MAT 4995 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

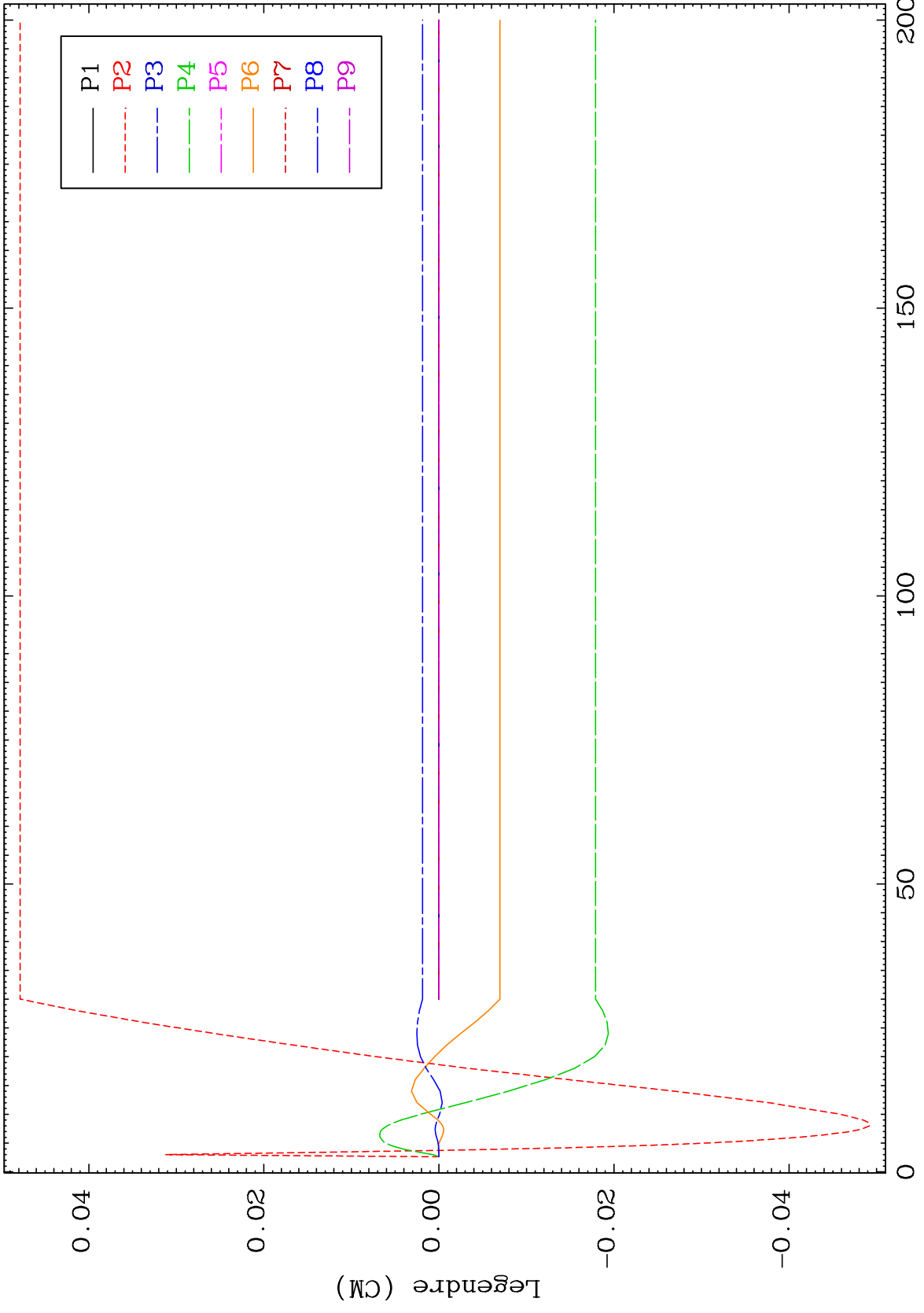


72

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-102

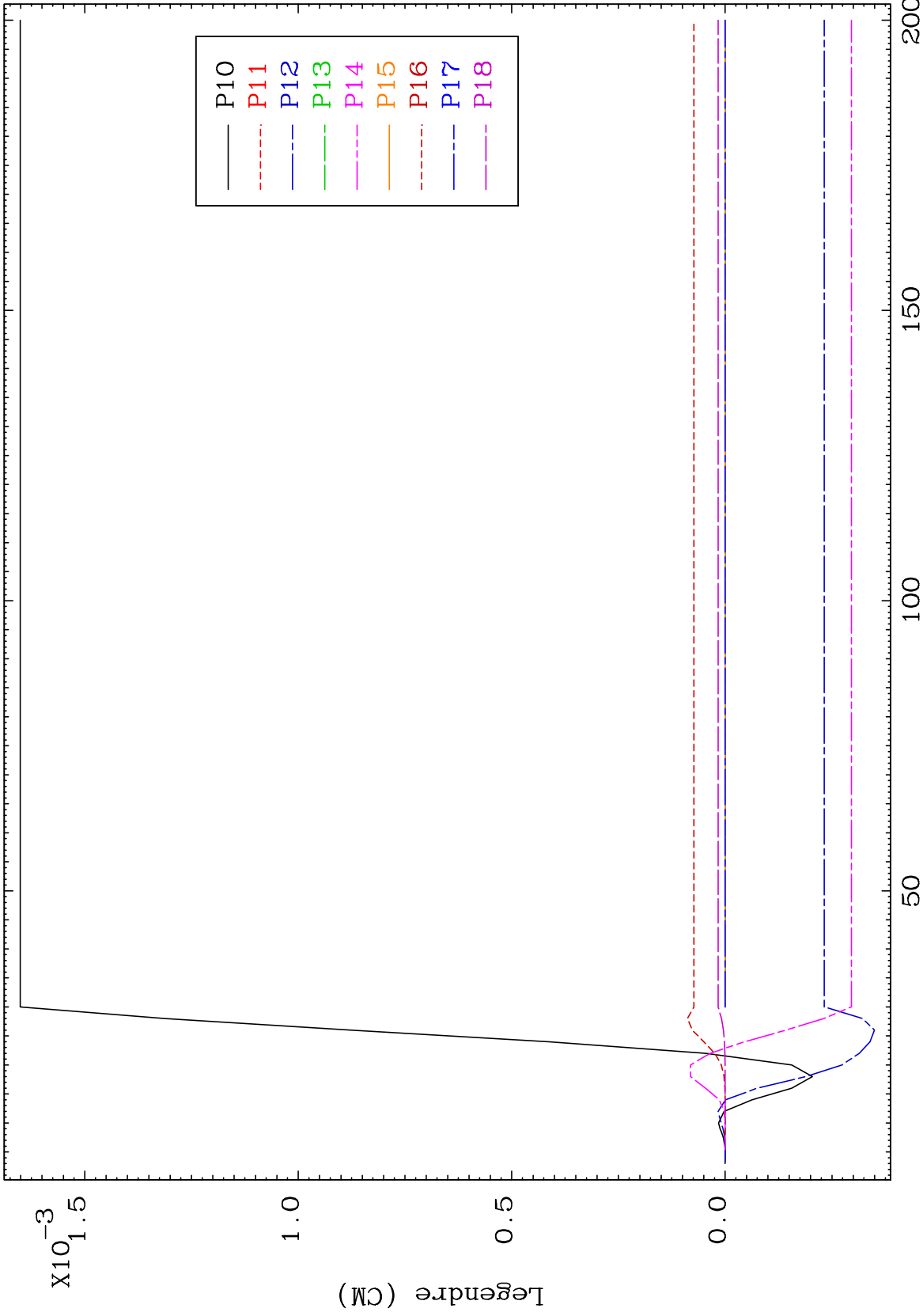


73 50-Sn-102

MAT 4995

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

50-Sn-102

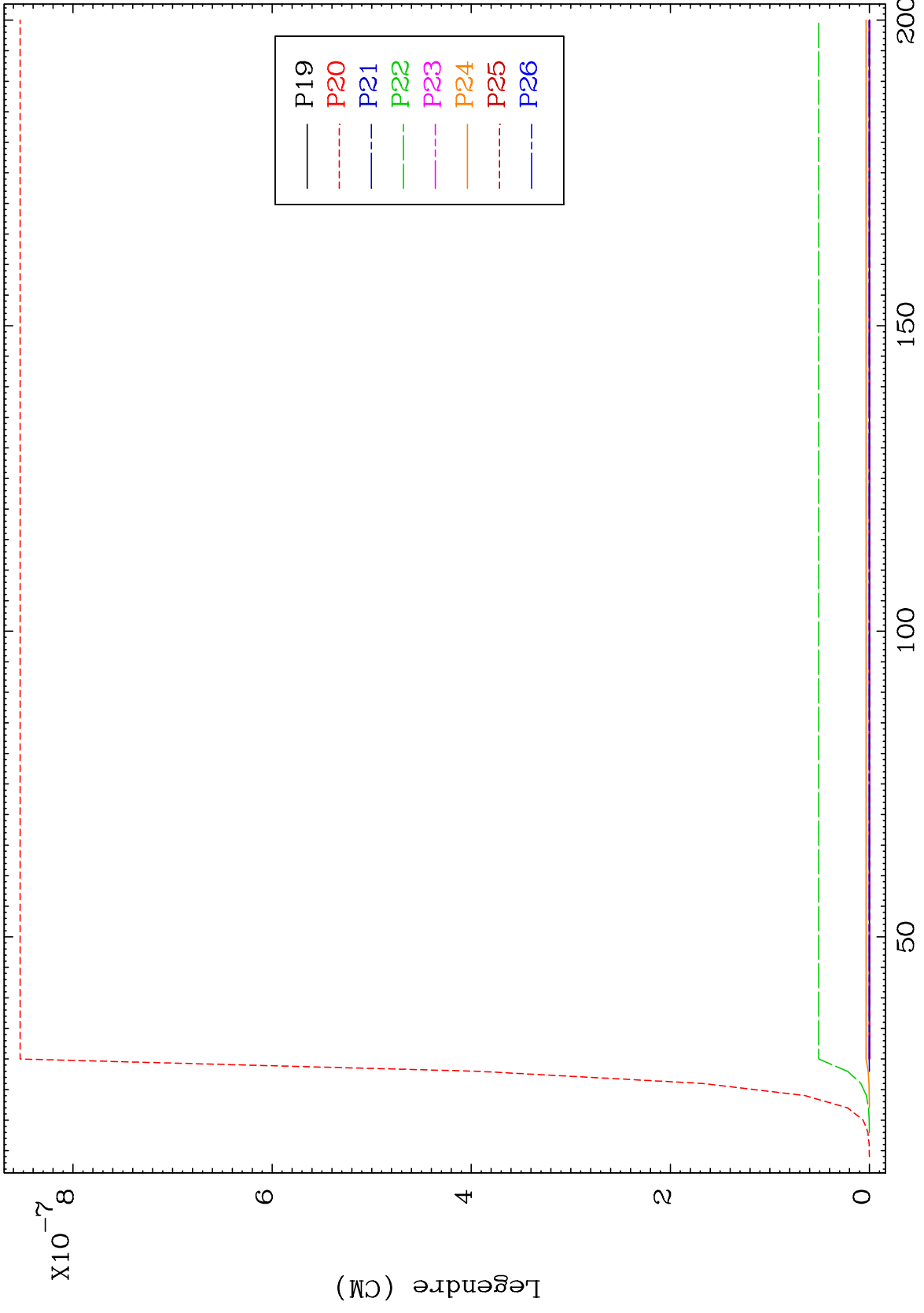


74

Incident Energy (MeV)

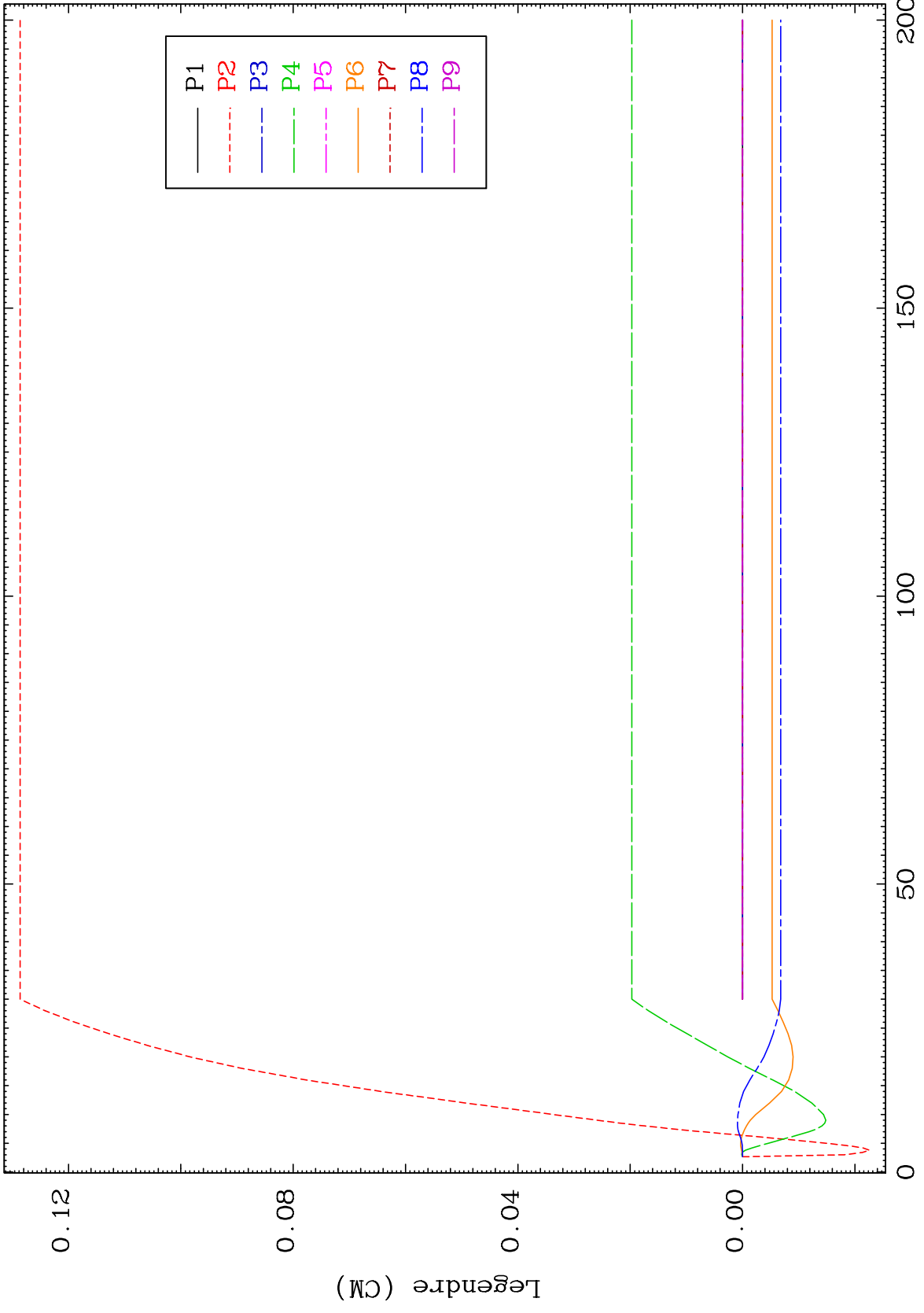
50-Sn-102

MAT 4995 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-102



75 Incident Energy (MeV) 50-Sn-102

MAT 4995 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-102

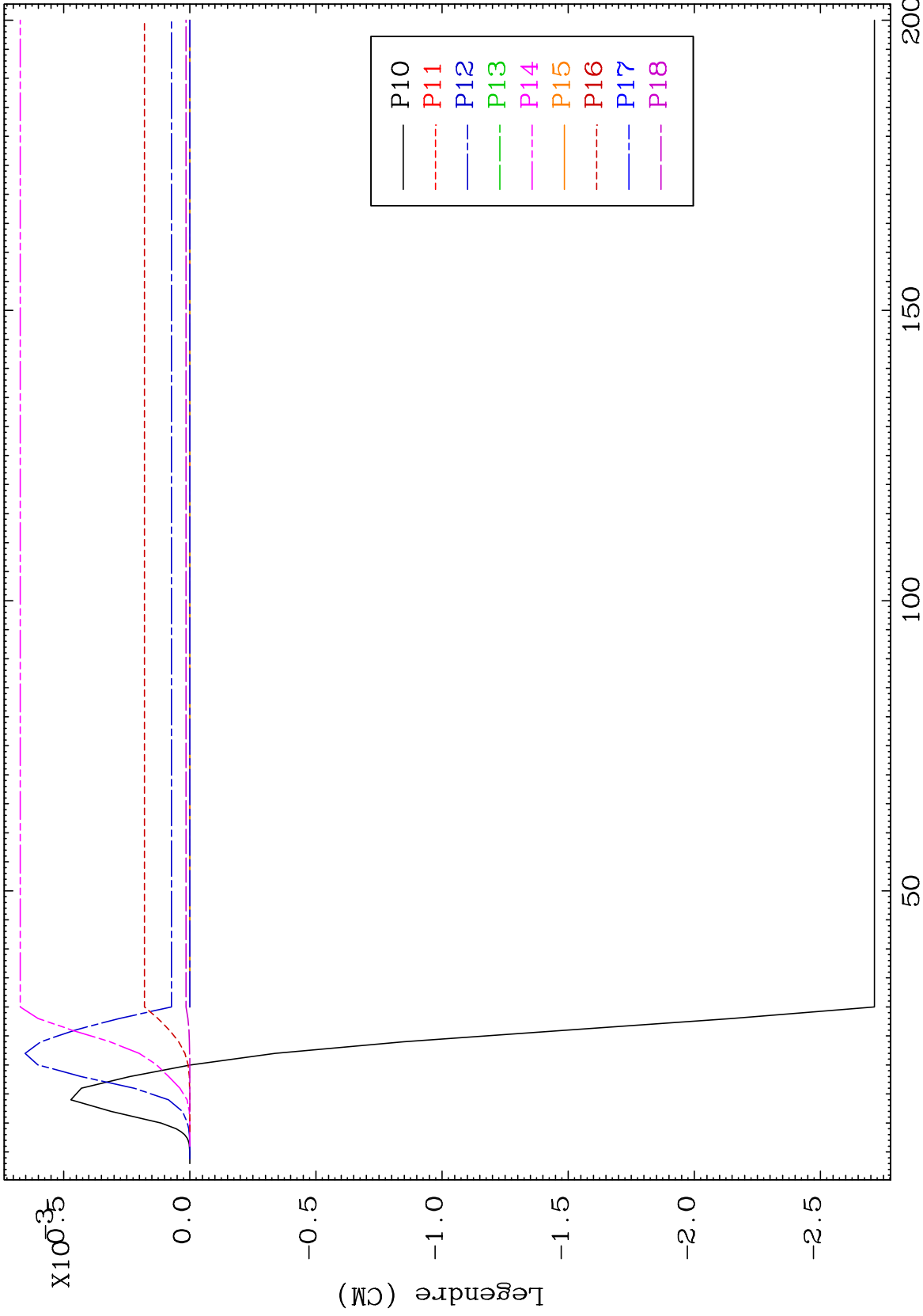


76 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102

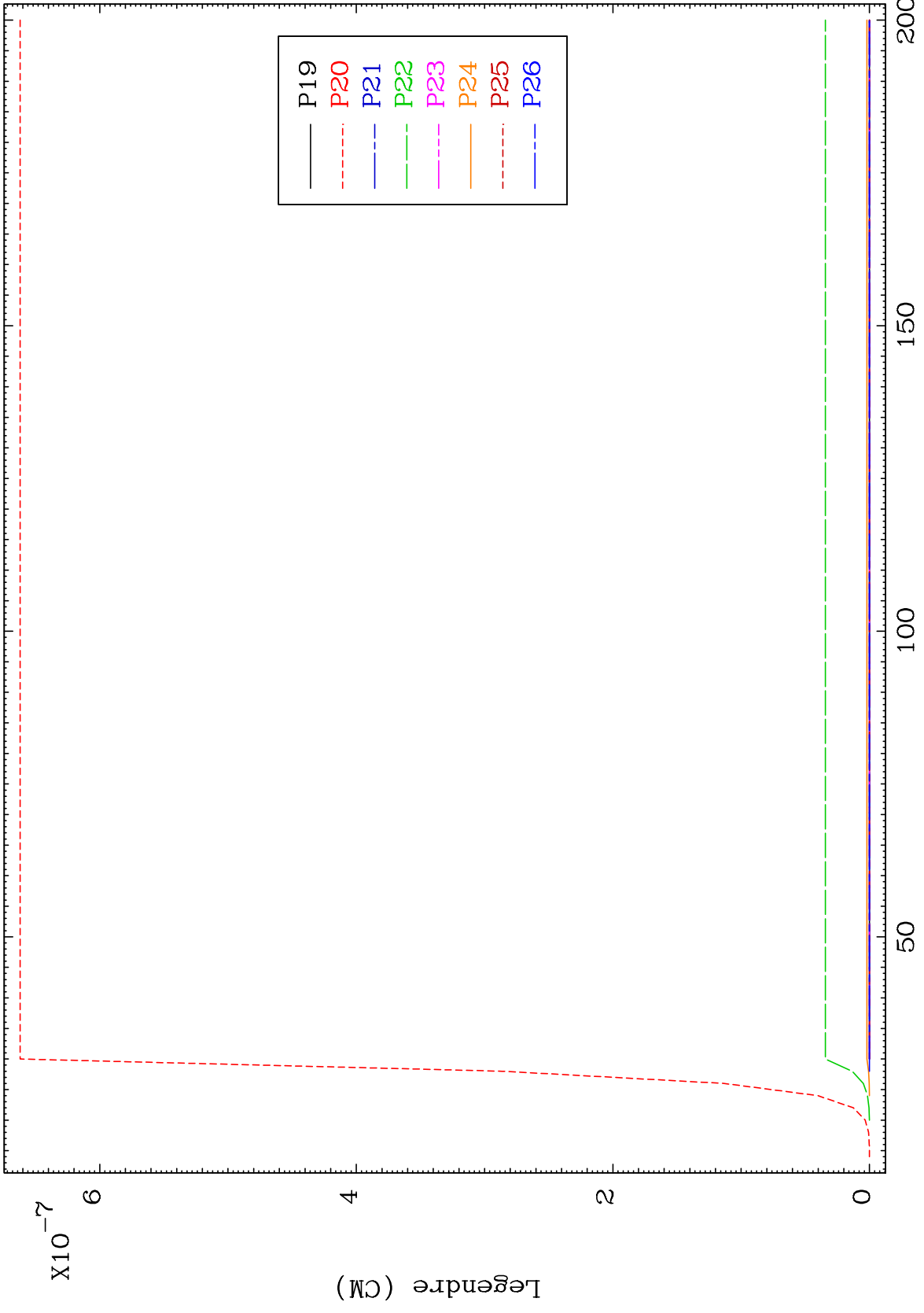


77

Incident Energy (MeV)

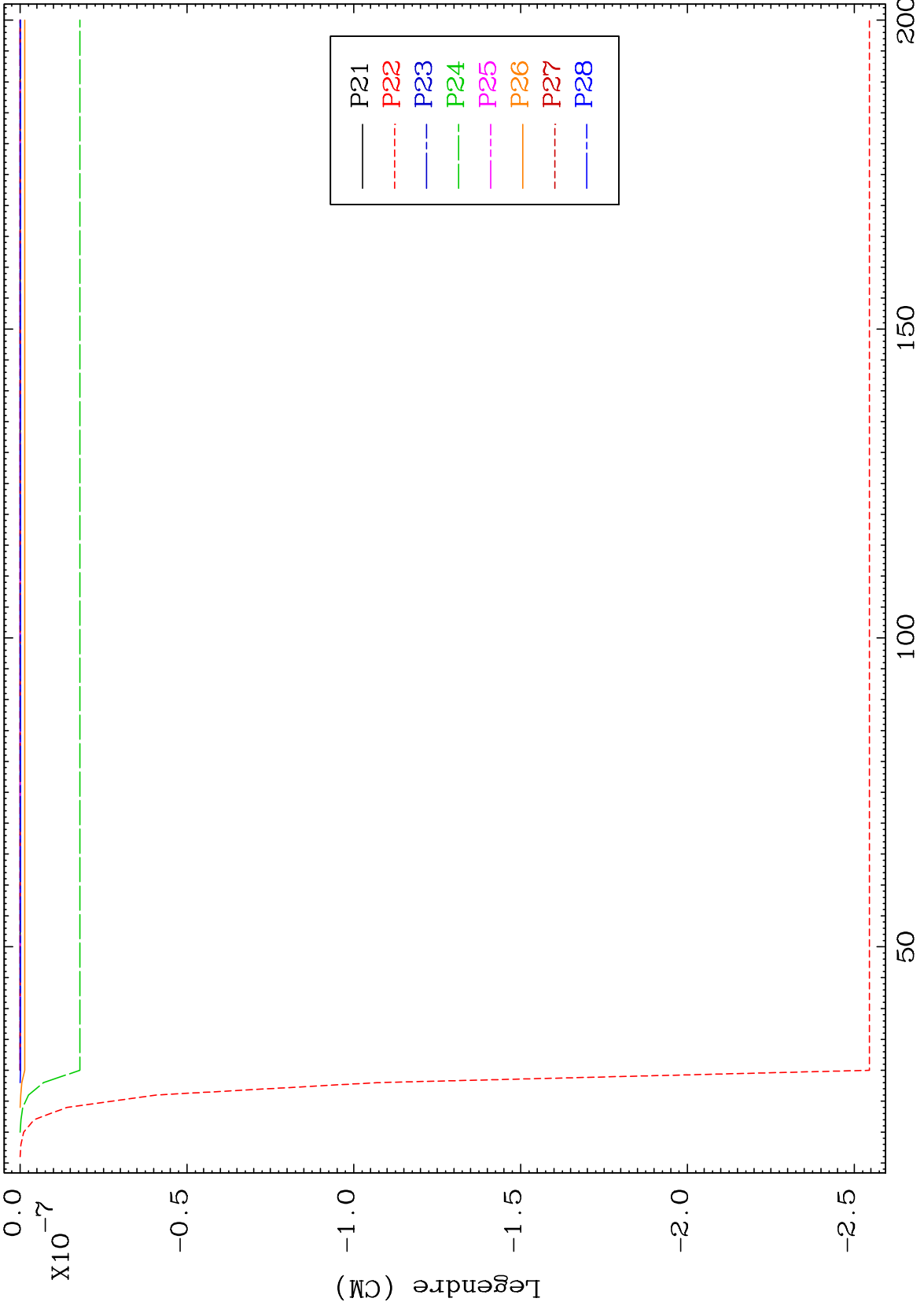
50-Sn-102

MAT 4995 MT= 67 (n,n') Level Legendre Coefficients 50-Sn-102



78 50-Sn-102

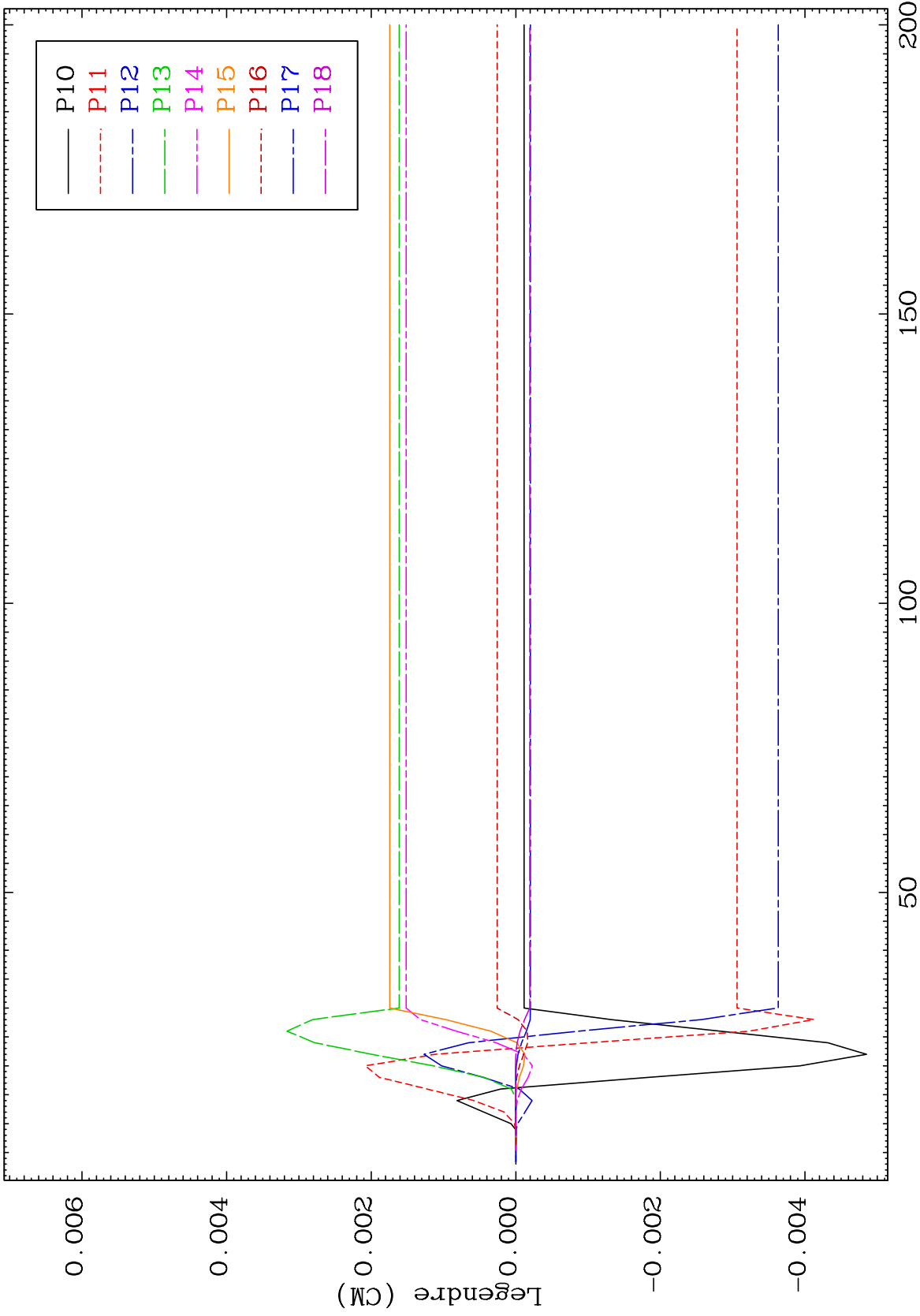
MAT 4995 MT= 68 (n, n') Level Legendre Coefficients 50-Sn-102



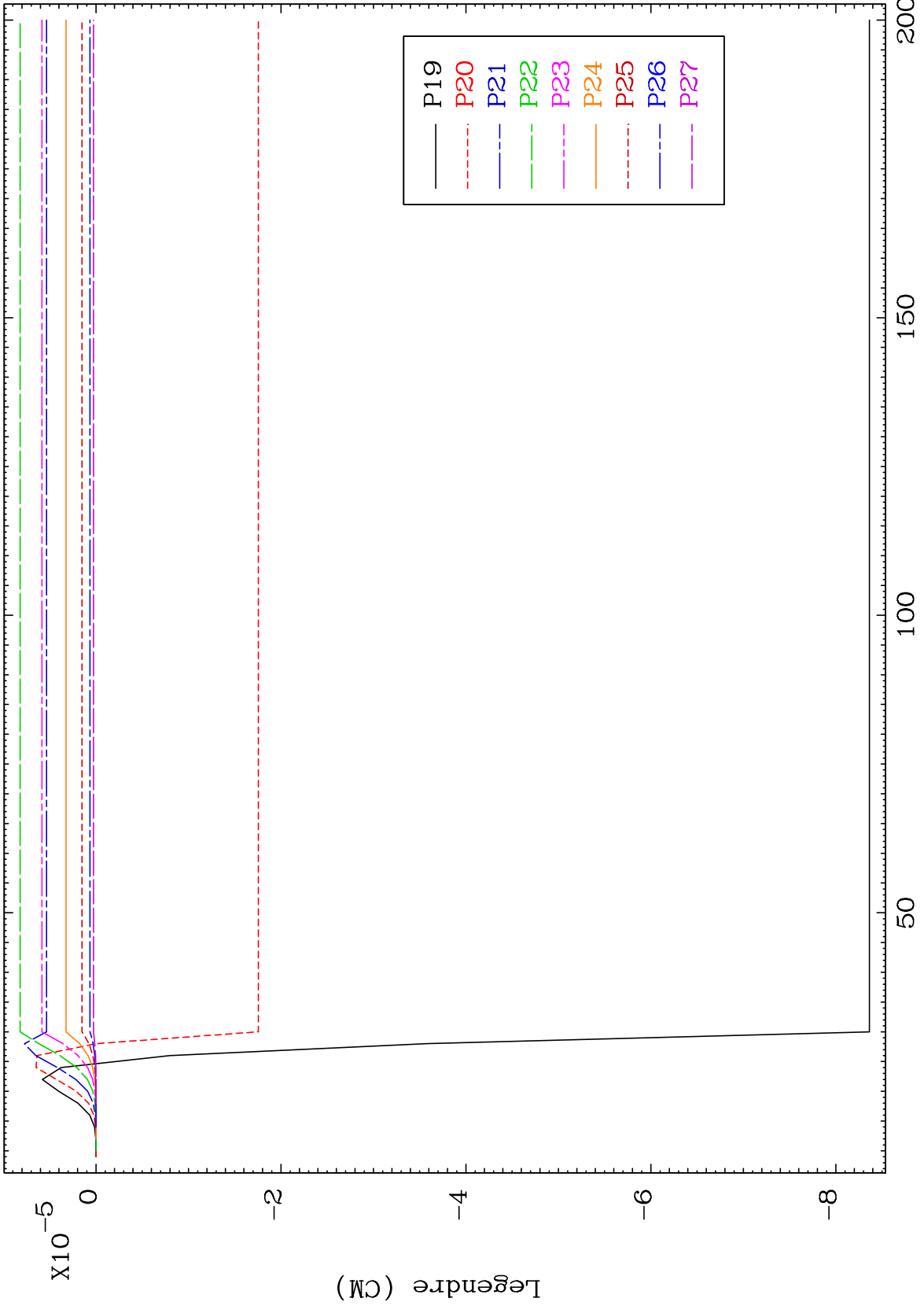
MAT 4995

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

50-Sn-102



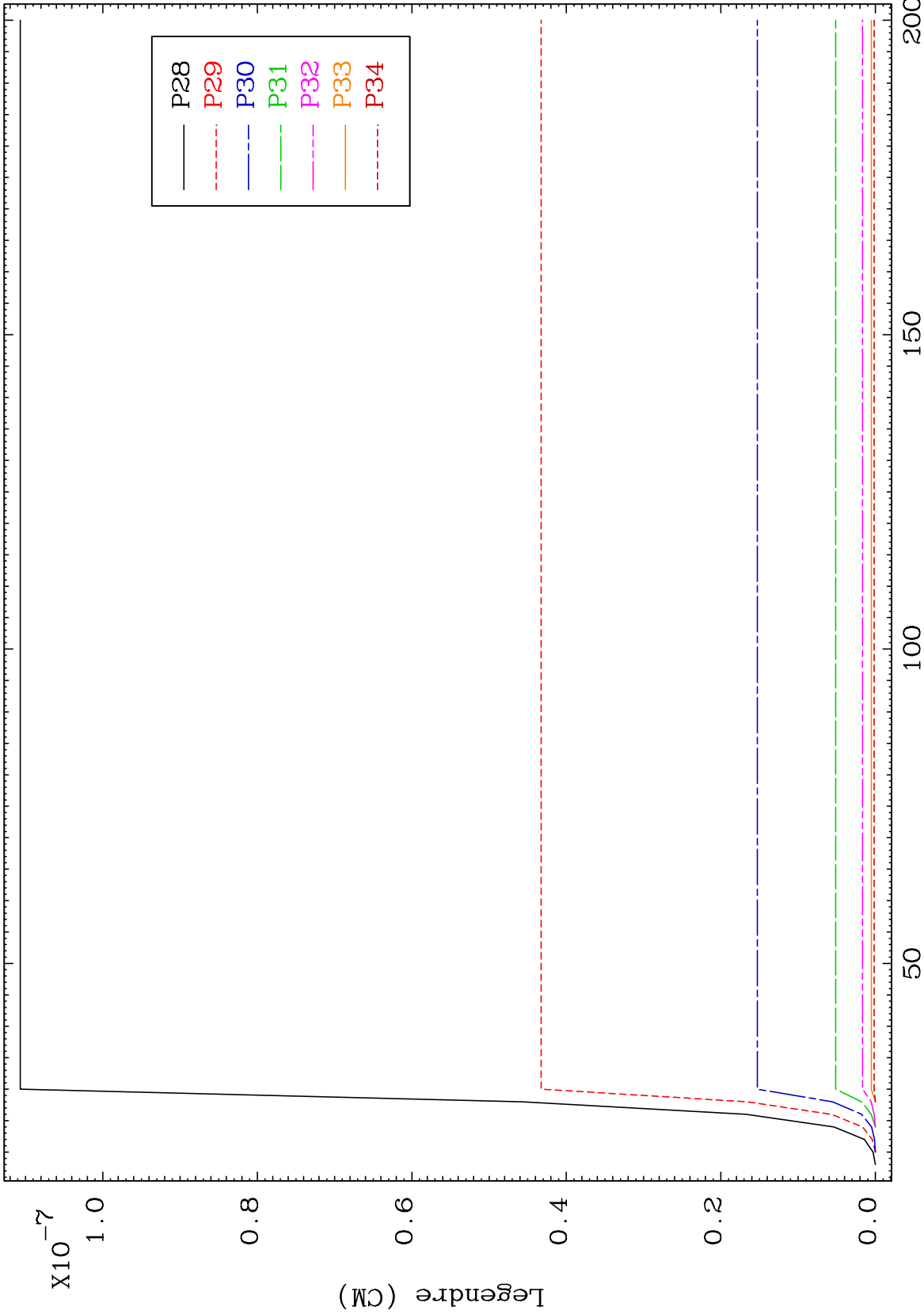
MAT 4995 MT= 69 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

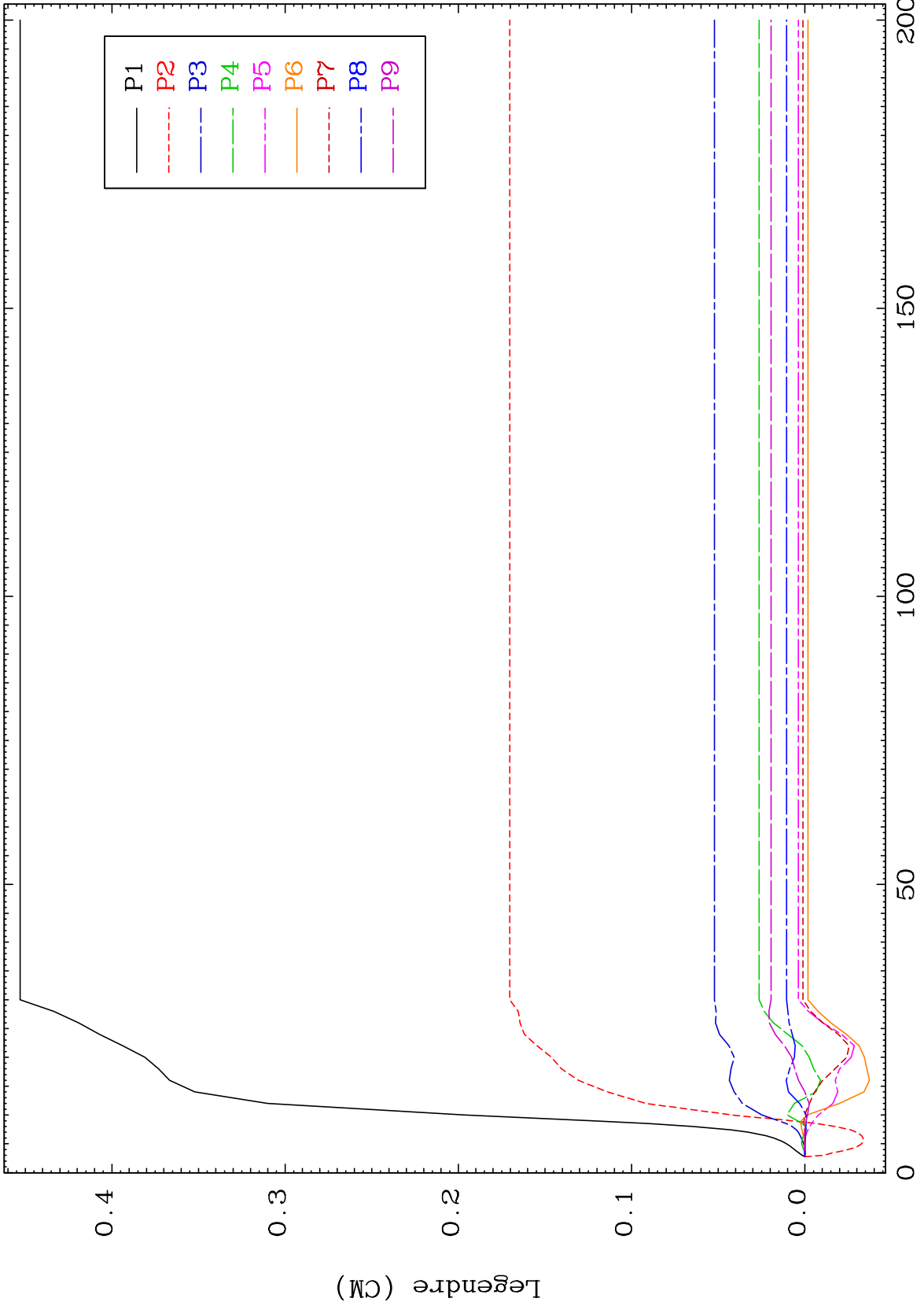


85

Incident Energy (MeV)

50-Sn-102

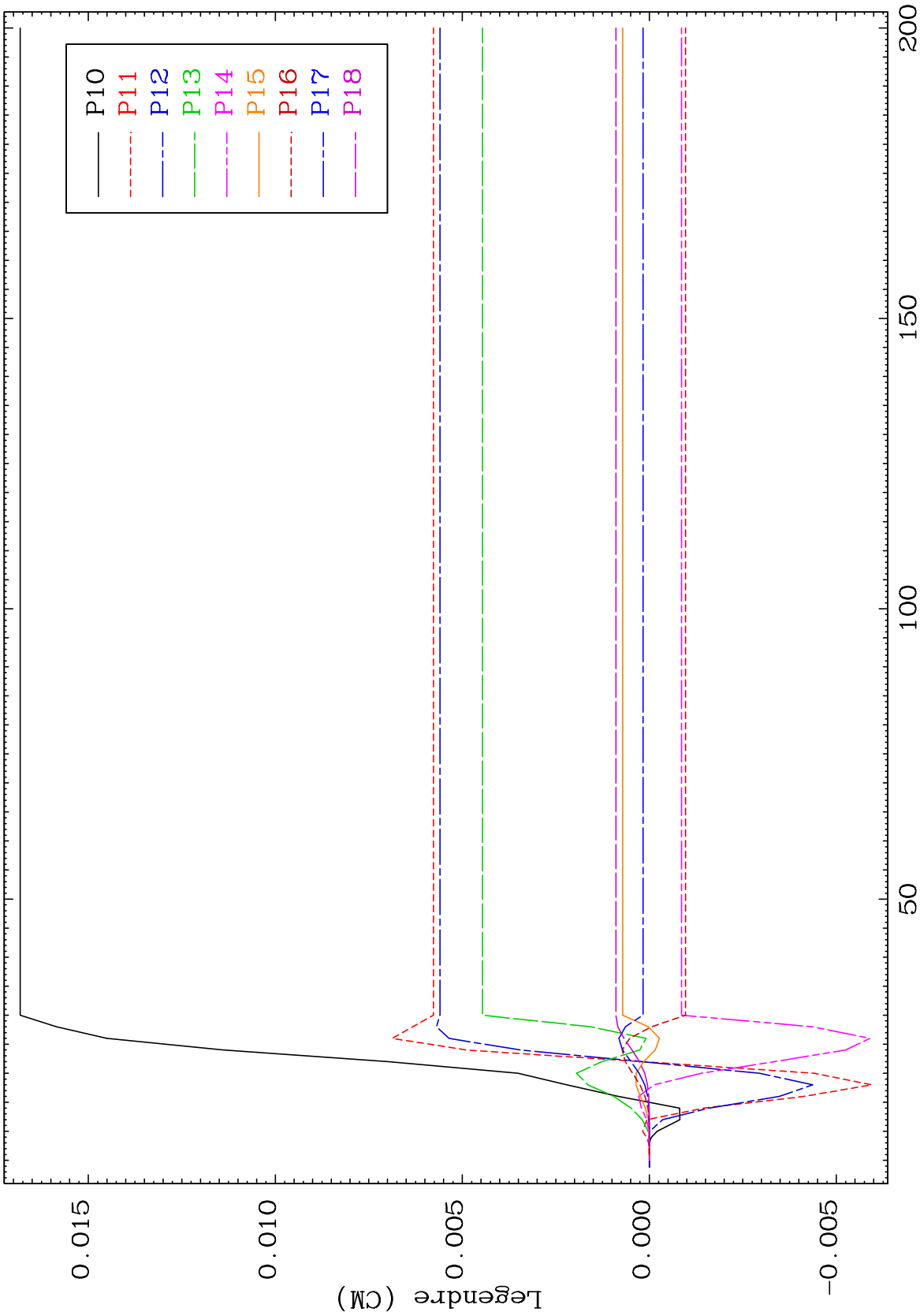
MAT 4995 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102



87

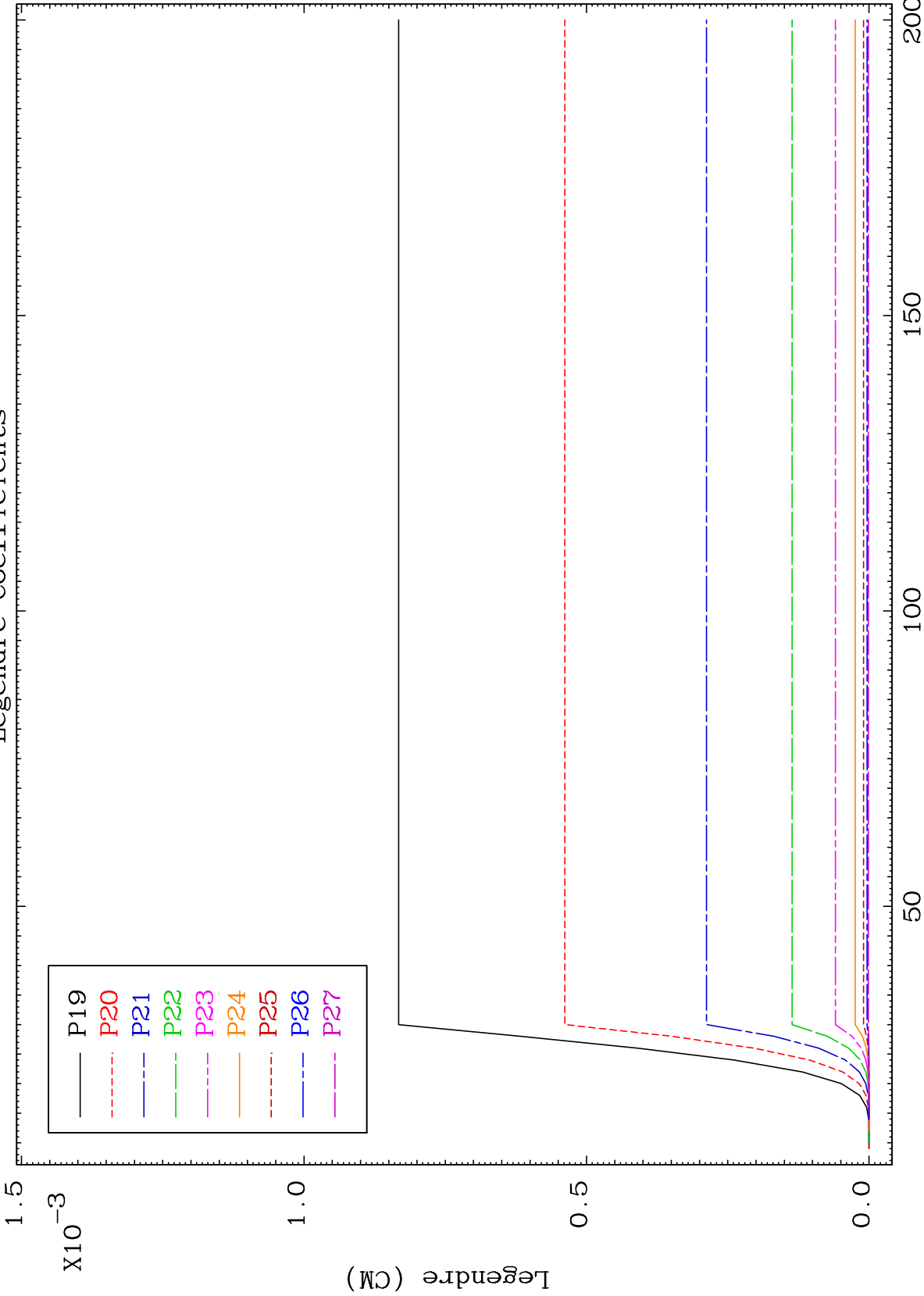
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

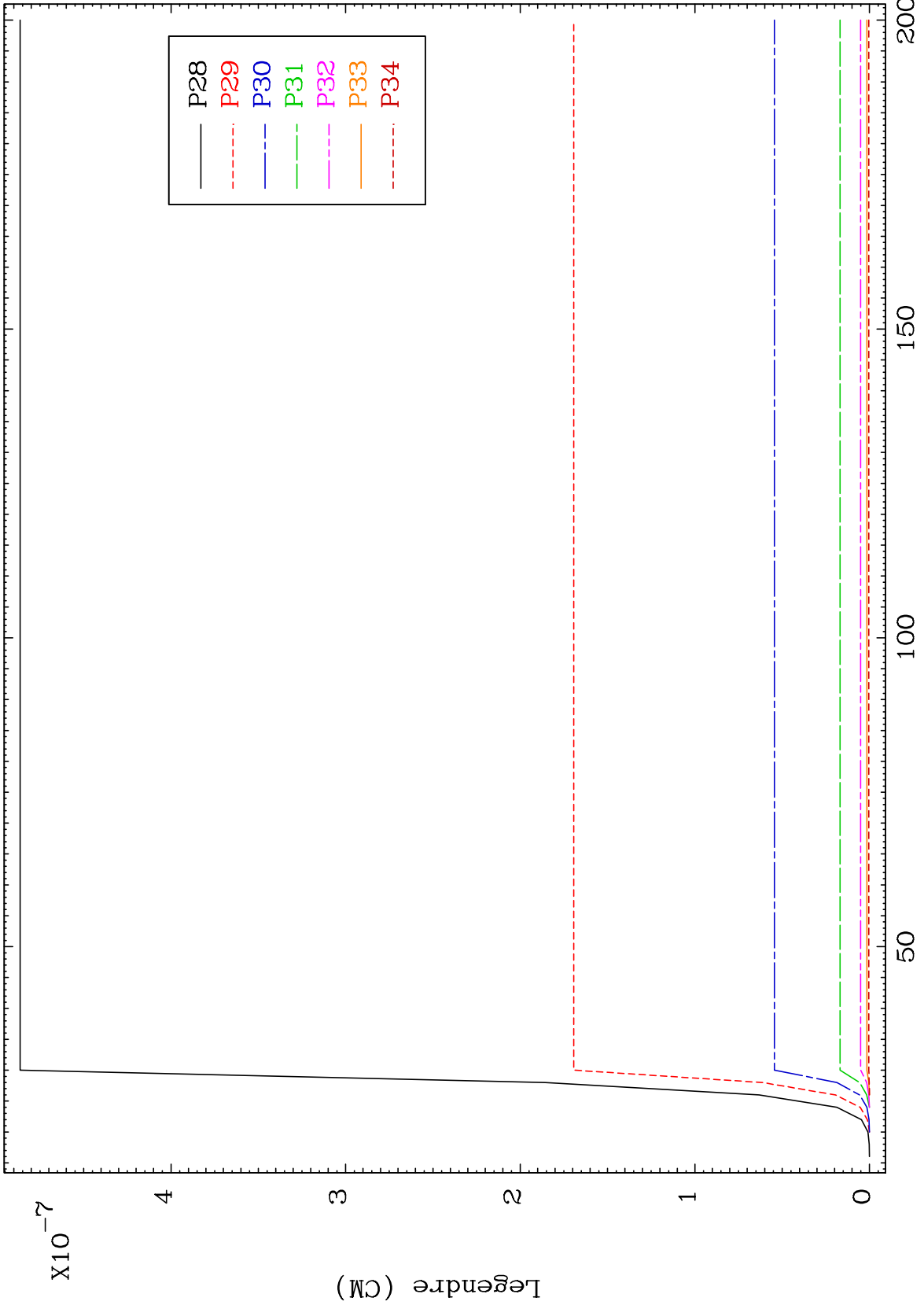
50-Sn-102



MAT 4995

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

50-Sn-102



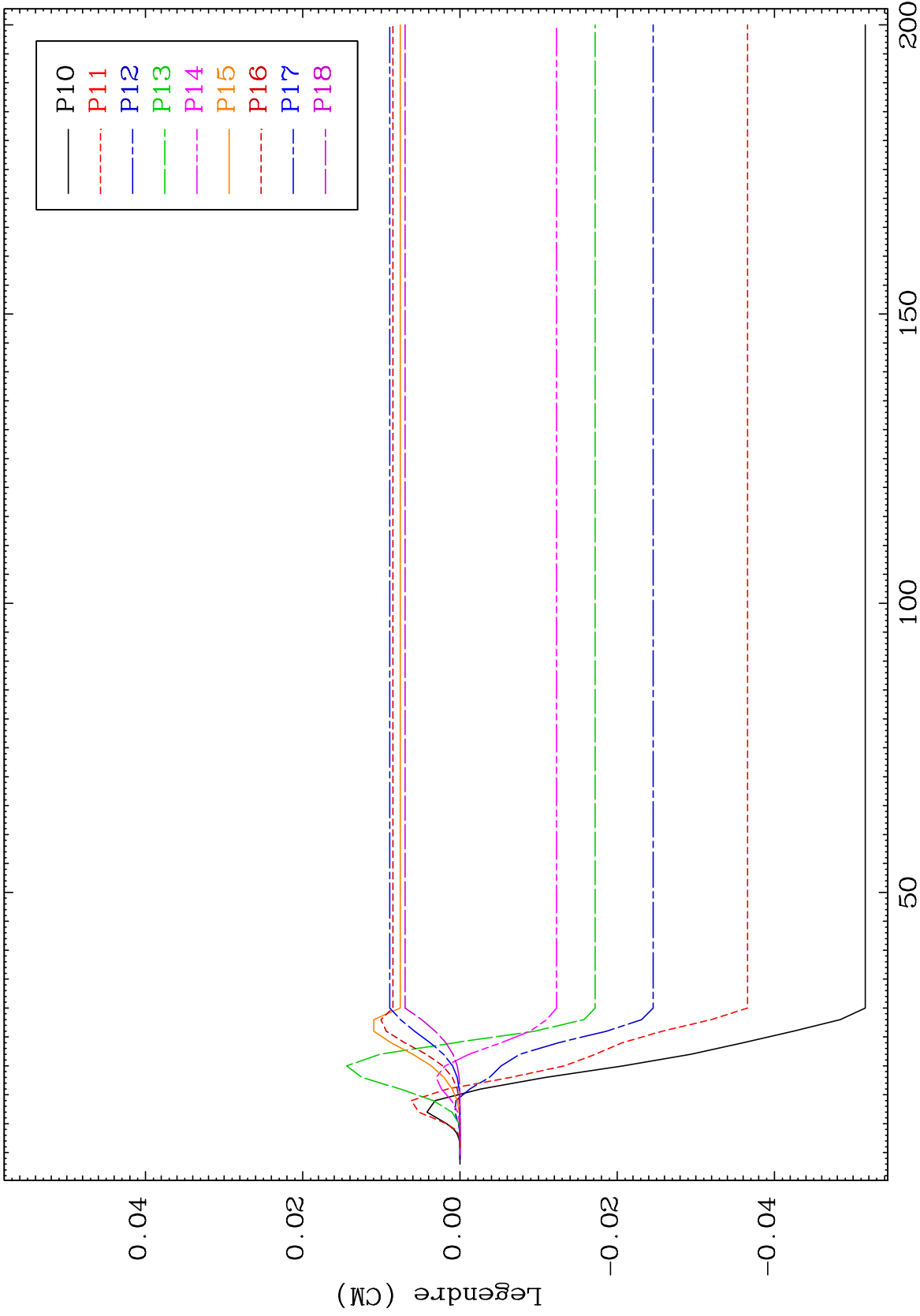
89

50-Sn-102

MAT 4995

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

50-Sn-102

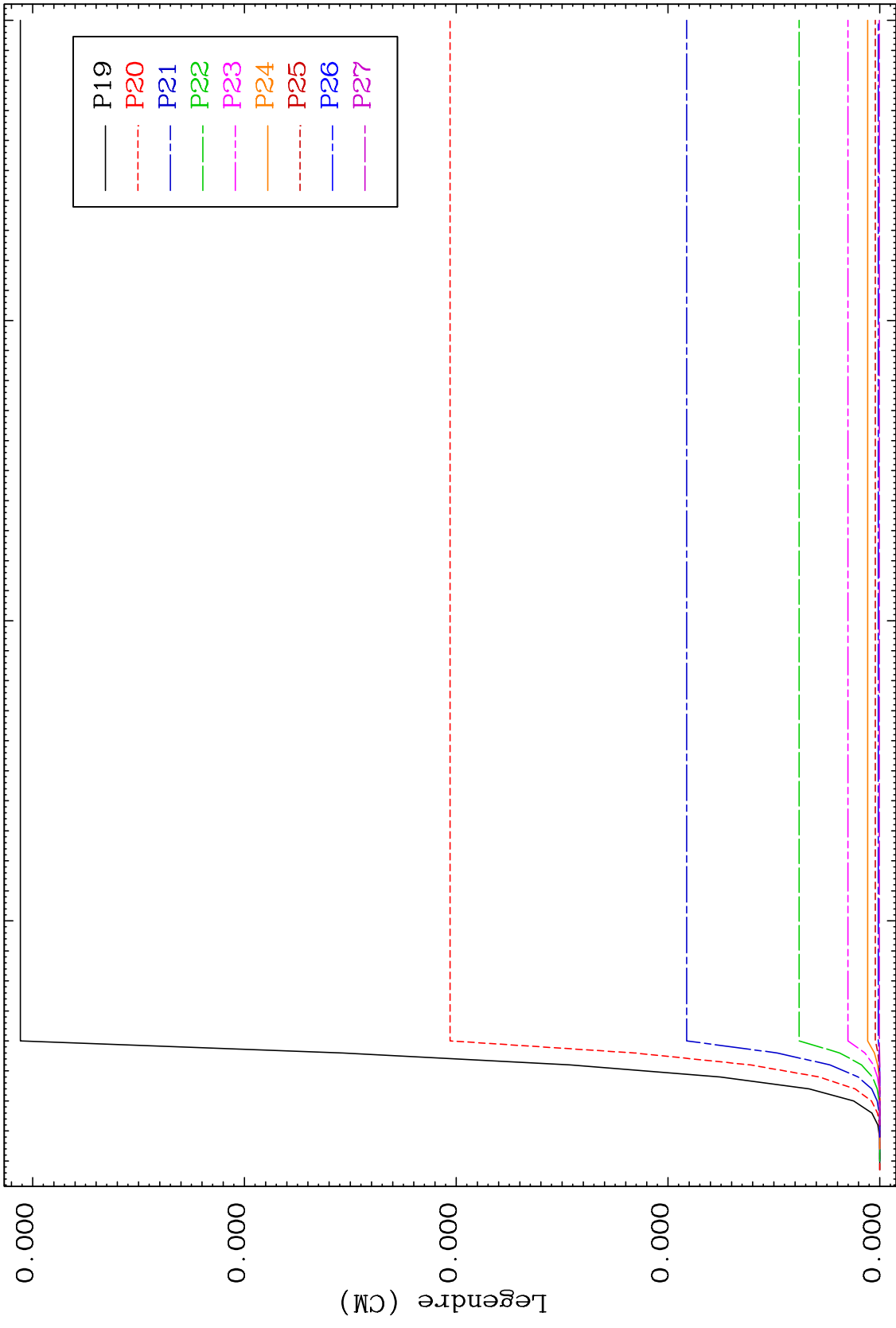


91

Incident Energy (MeV)

50-Sn-102

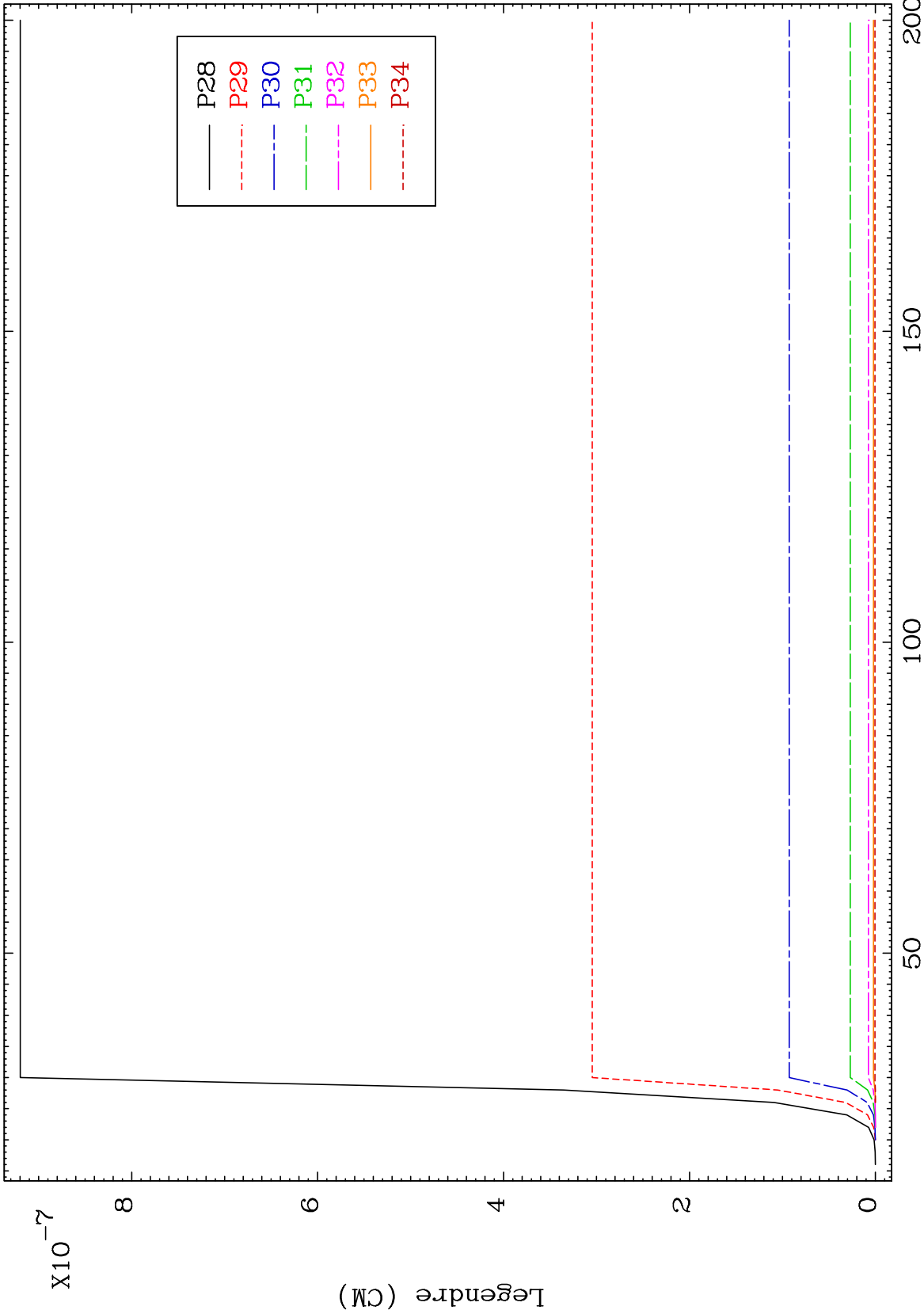
MAT 4995 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

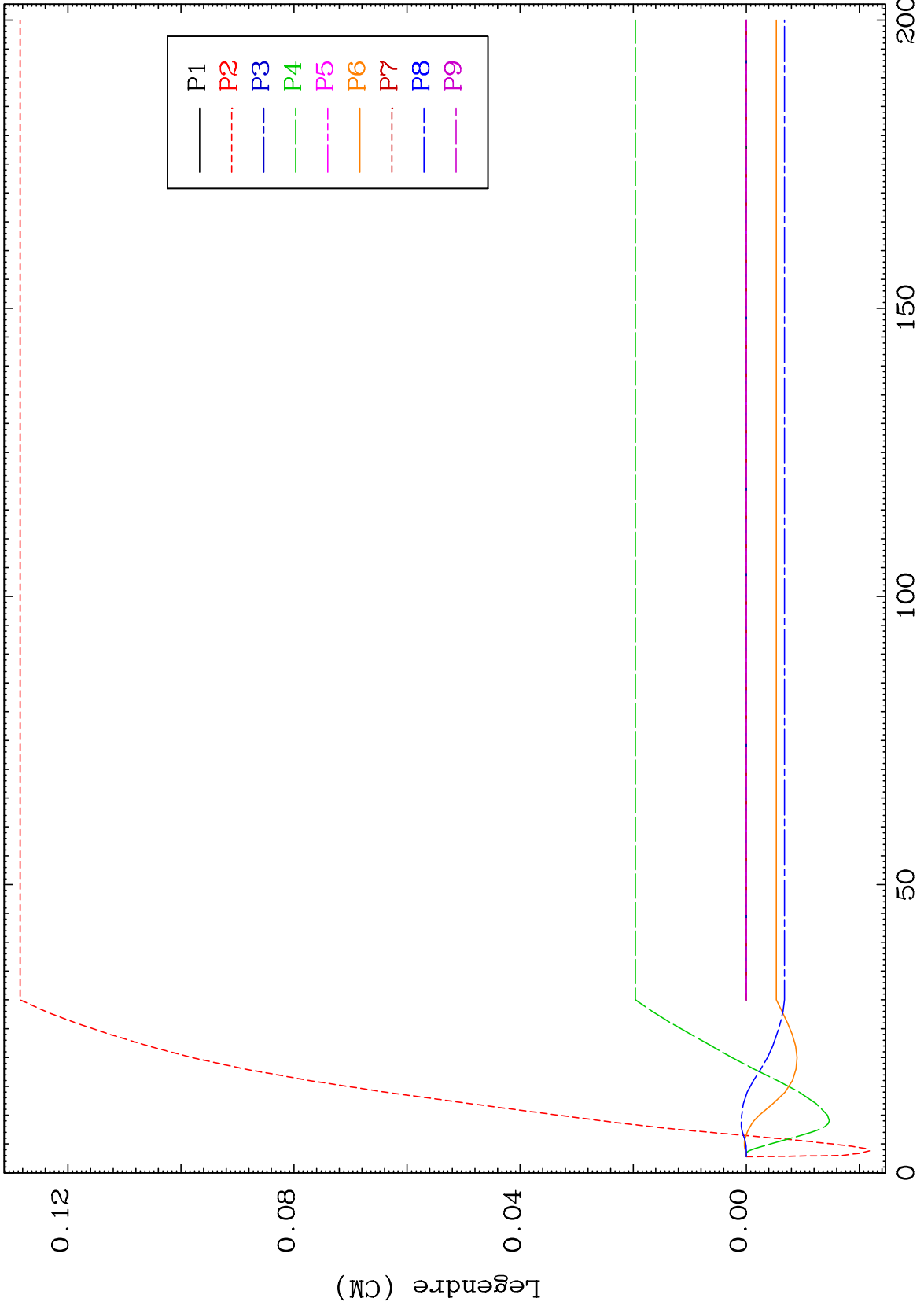
50-Sn-102



93

50-Sn-102

MAT 4995 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-102

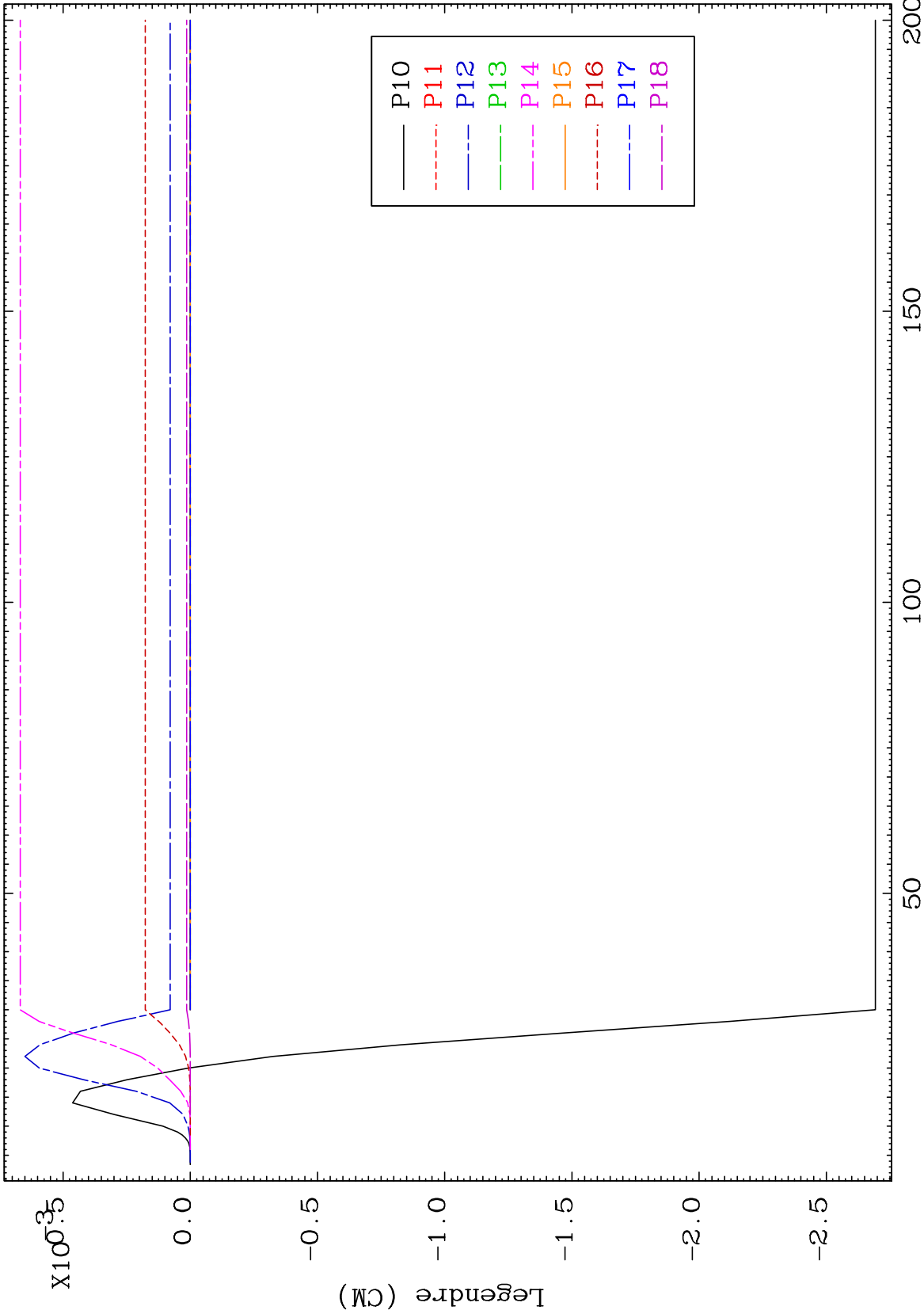


94 50-Sn-102

MAT 4995

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

50-Sn-102

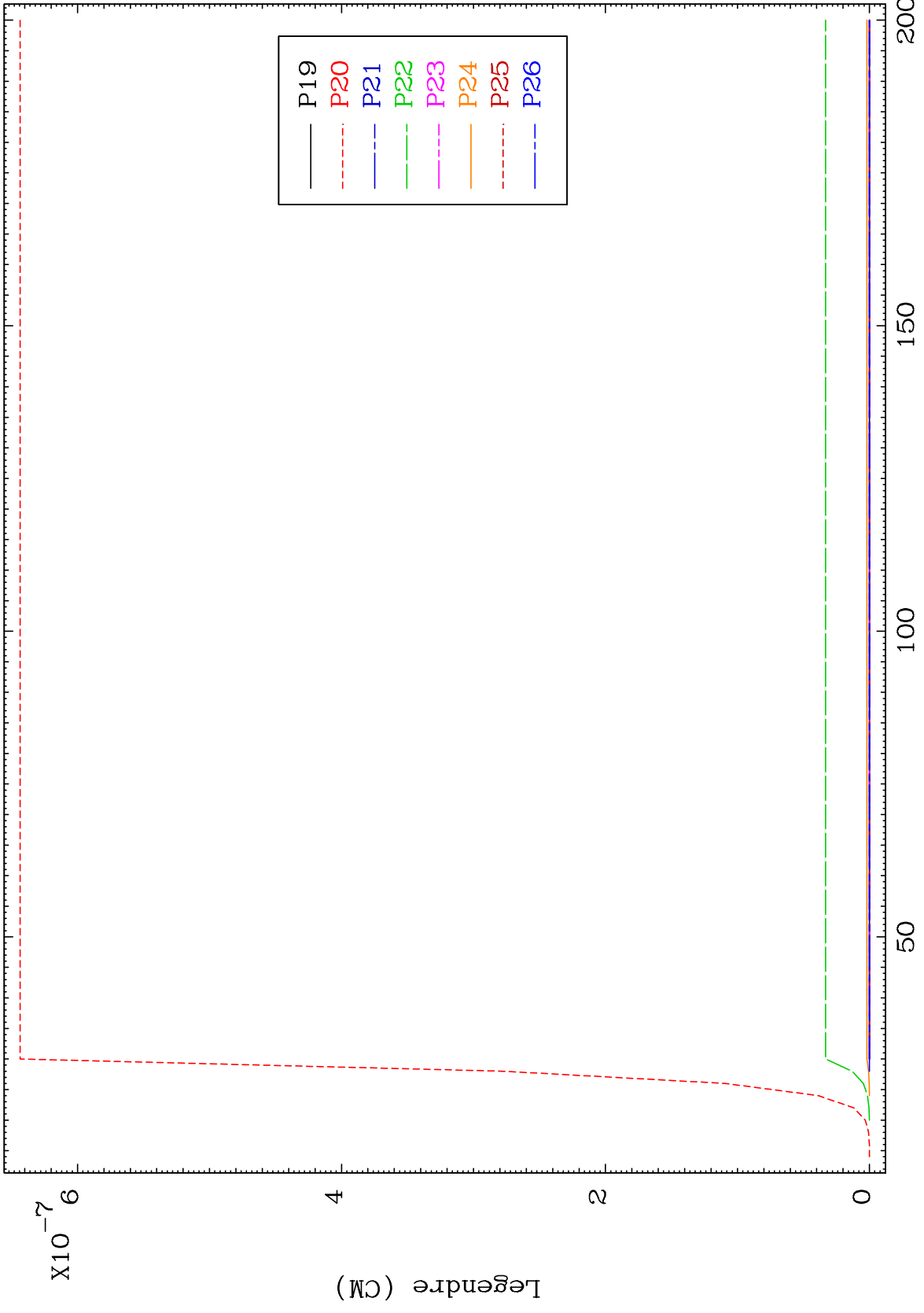


95

Incident Energy (MeV)

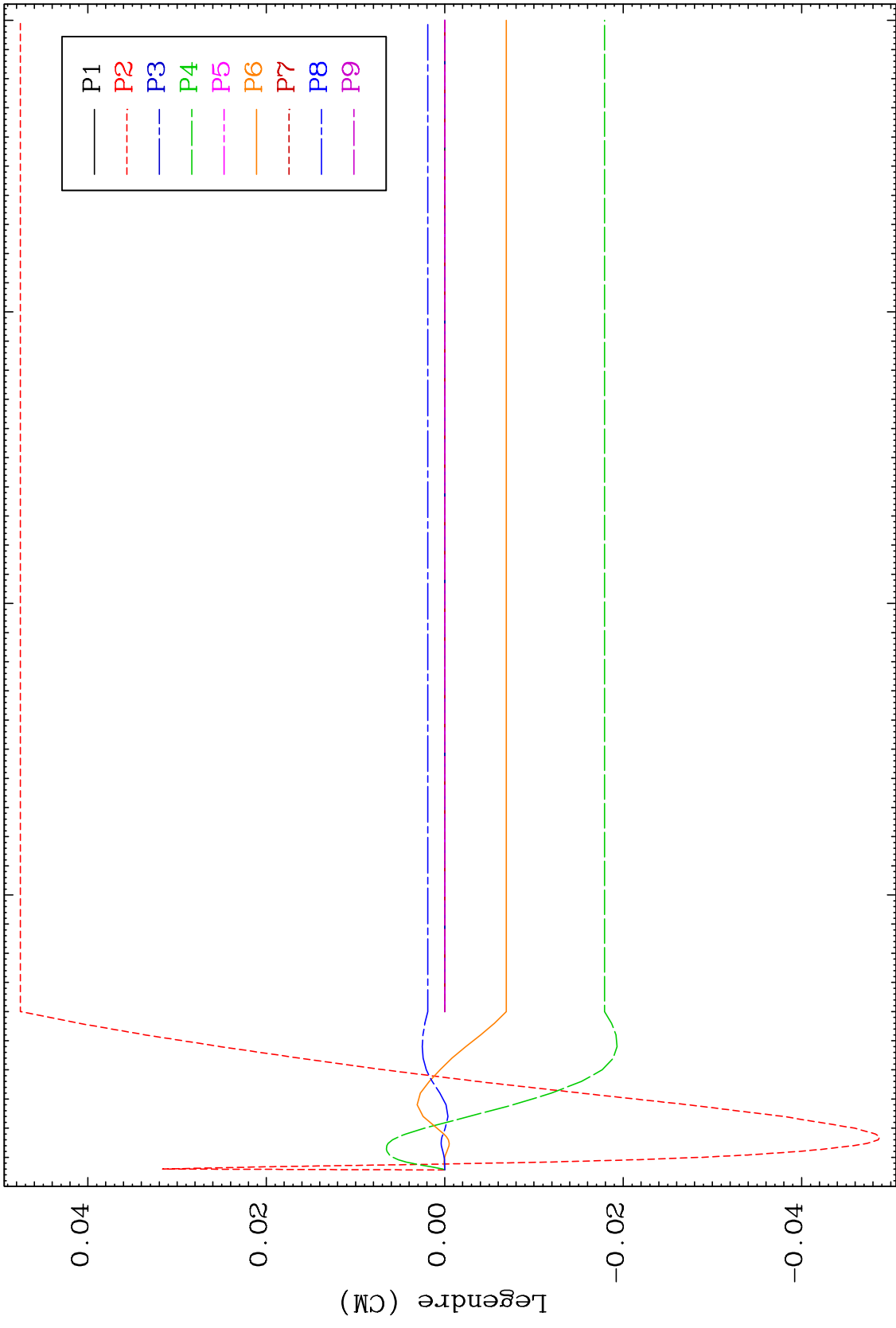
50-Sn-102

MAT 4995 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-102



96 50-Sn-102

MAT 4995 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-102

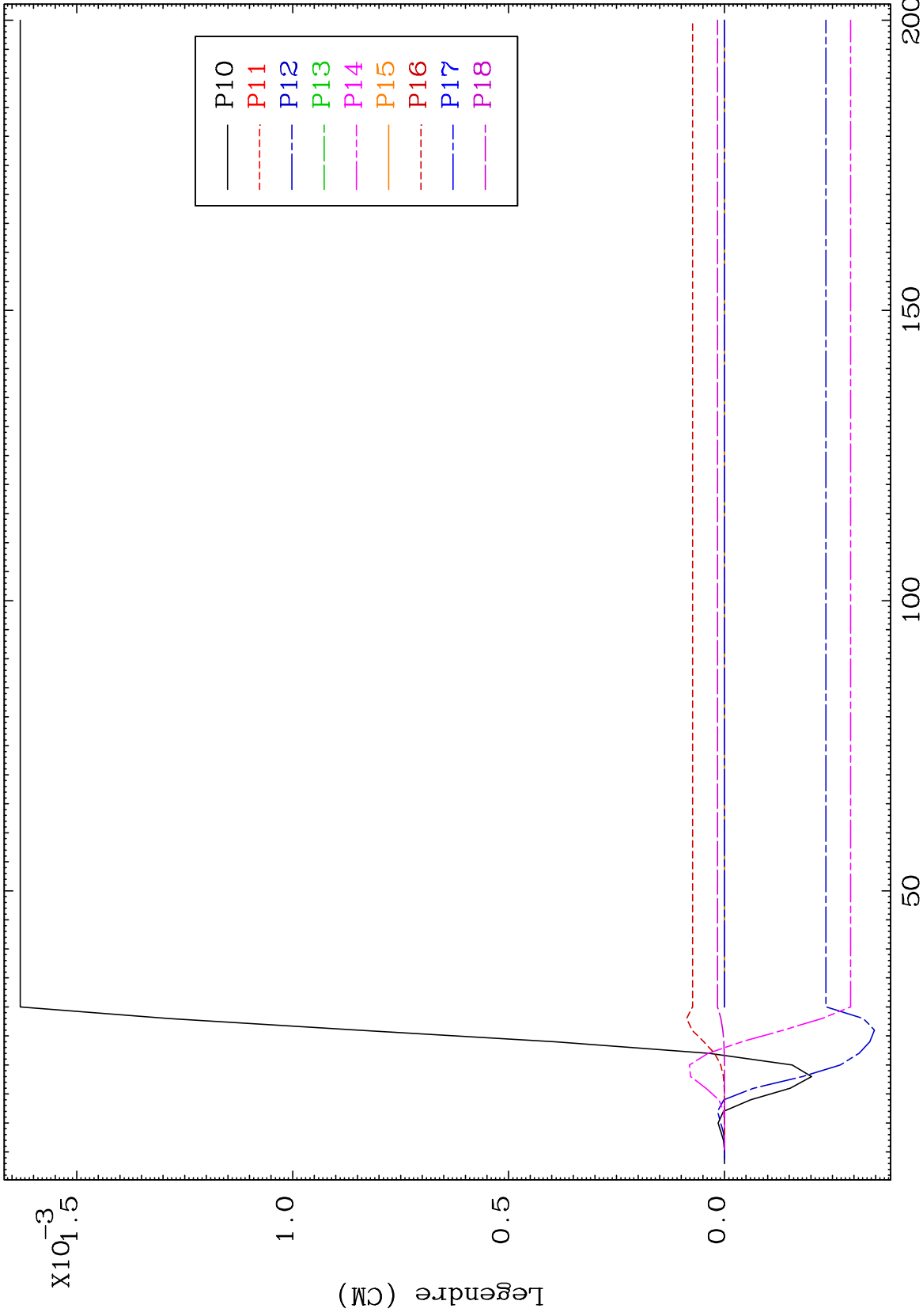


97 50-Sn-102

MAT 4995

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

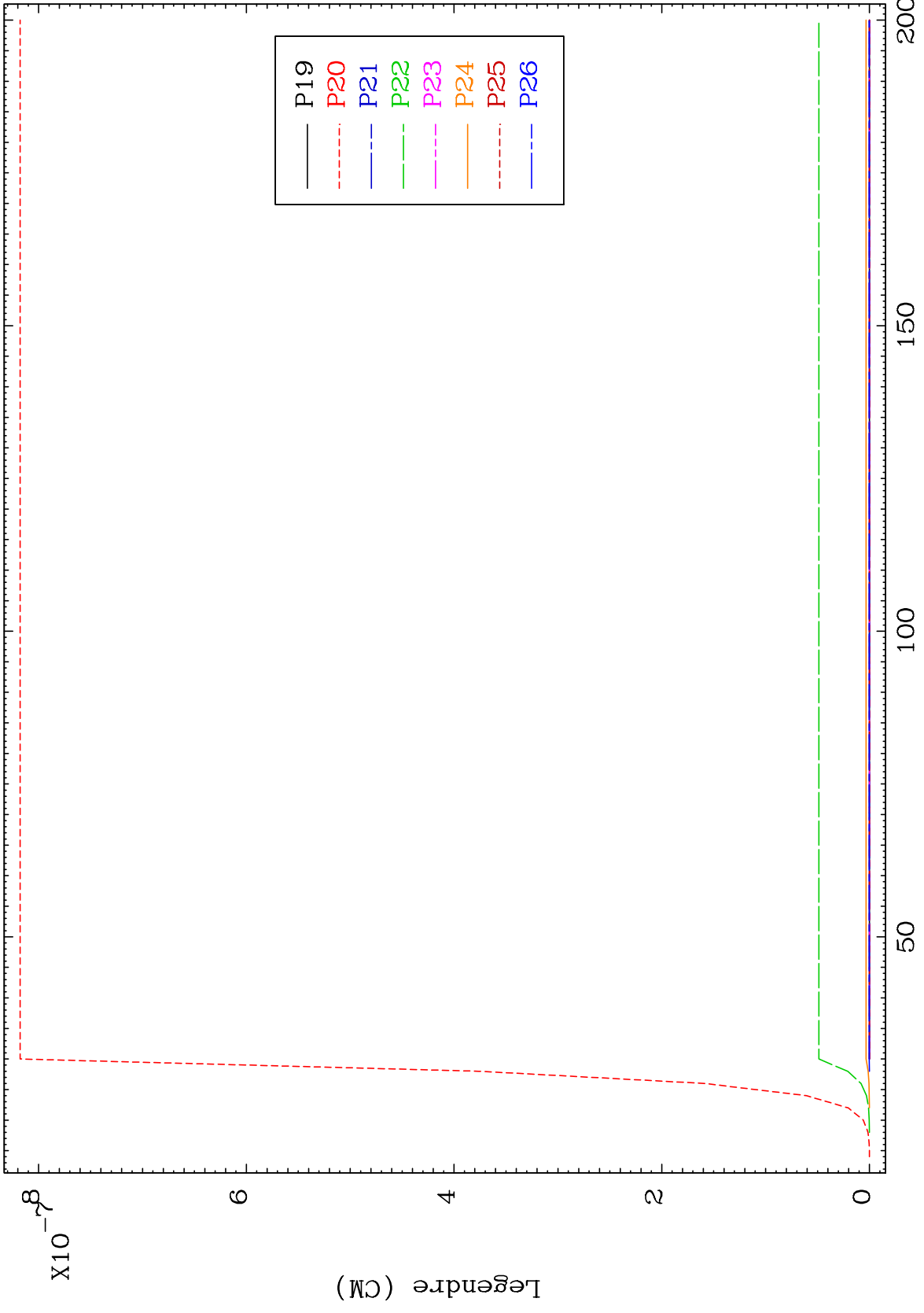
50-Sn-102



98

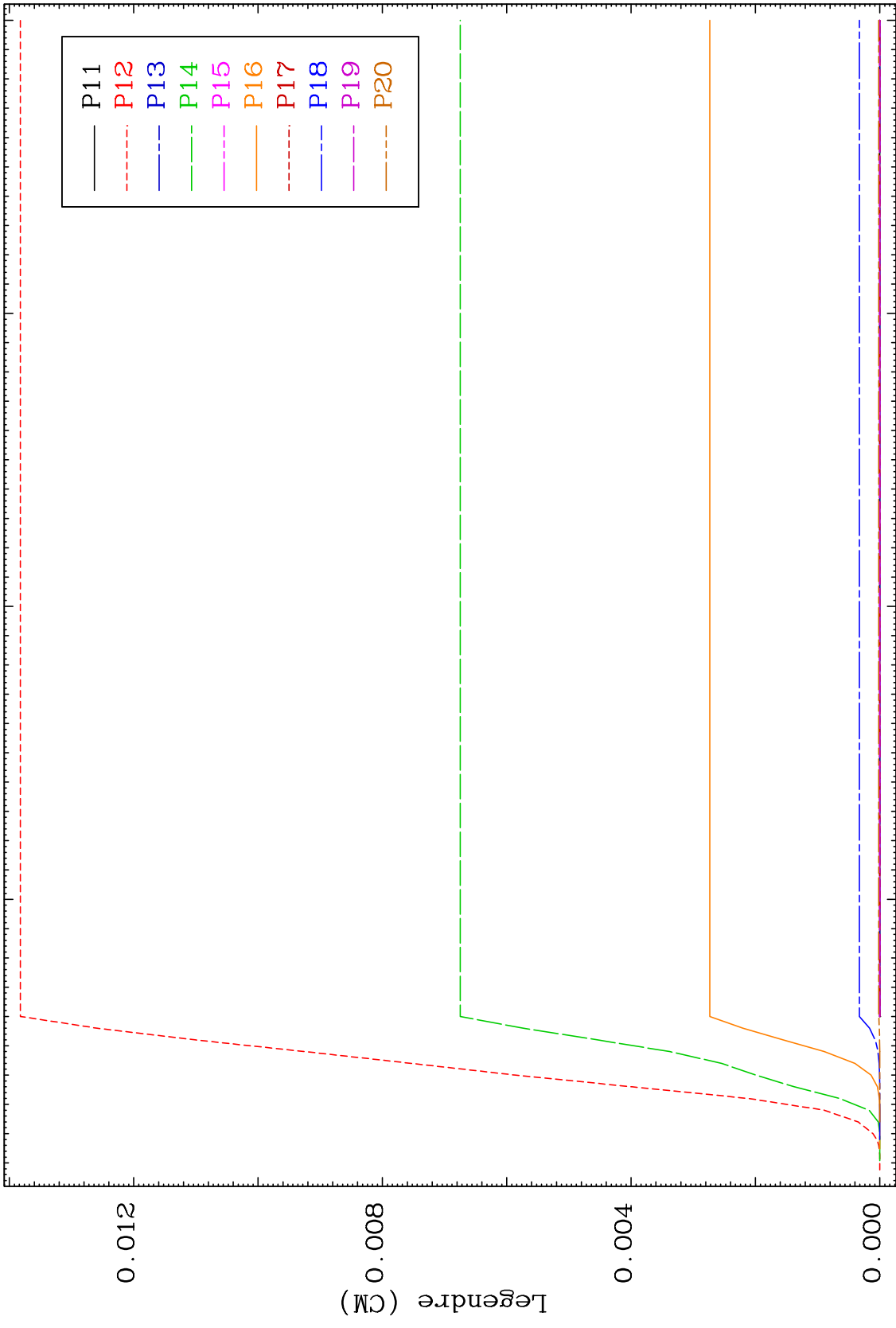
50-Sn-102

MAT 4995 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-102



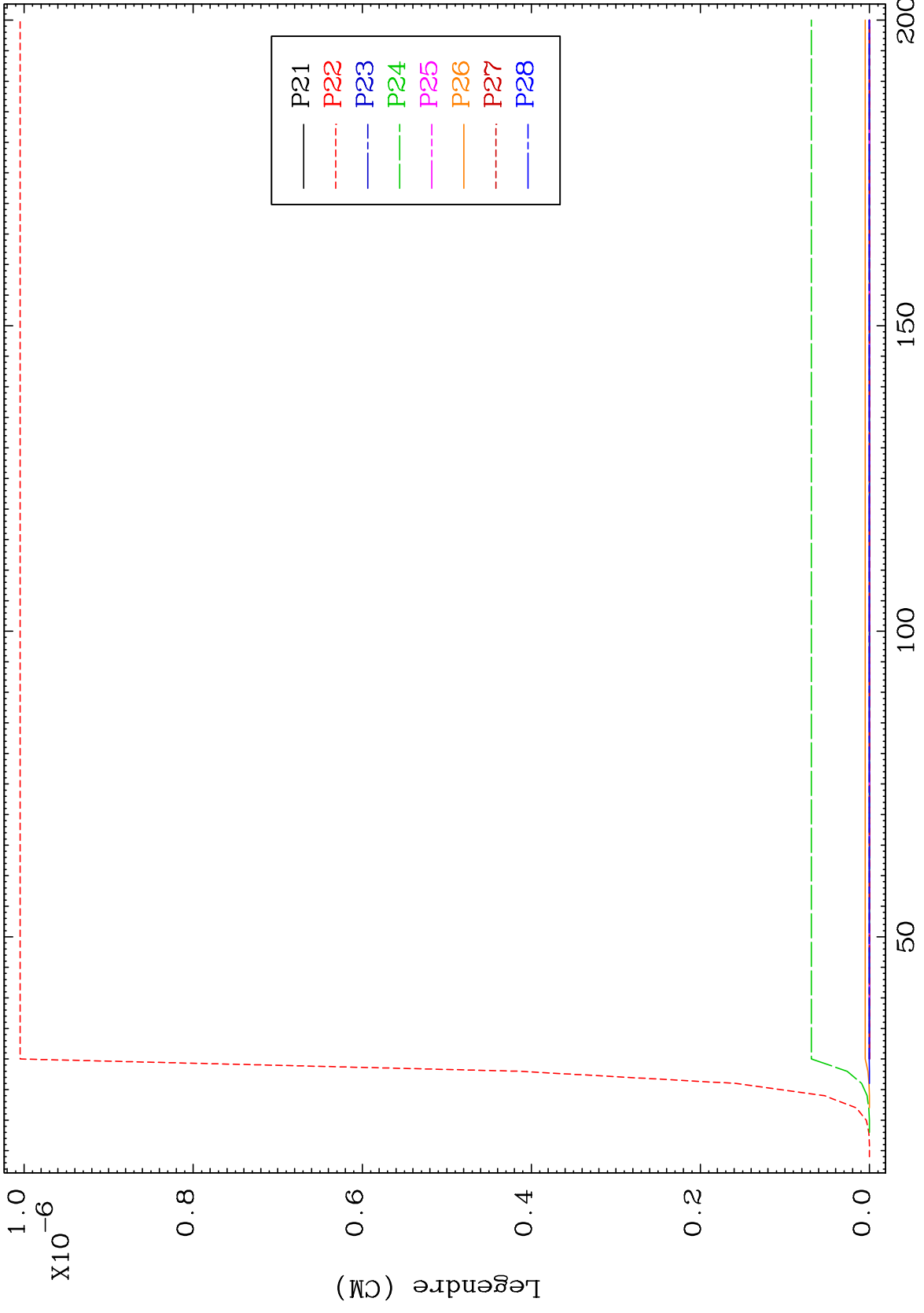
99 50-Sn-102

MAT 4995 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-102



101 Incident Energy (MeV) 50-Sn-102

MAT 4995 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-102

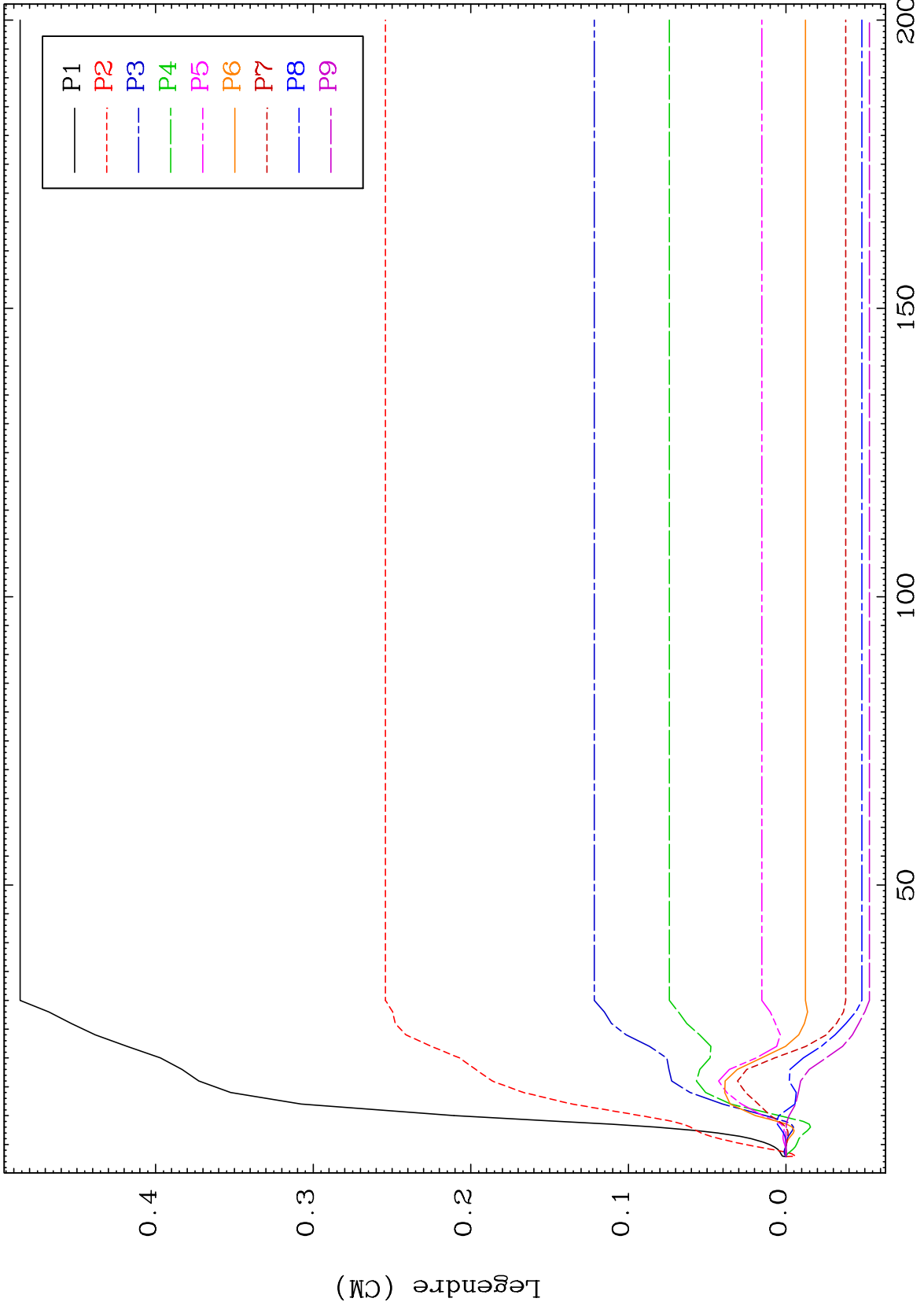


Legendre (CM) X10⁻⁶ Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102



103

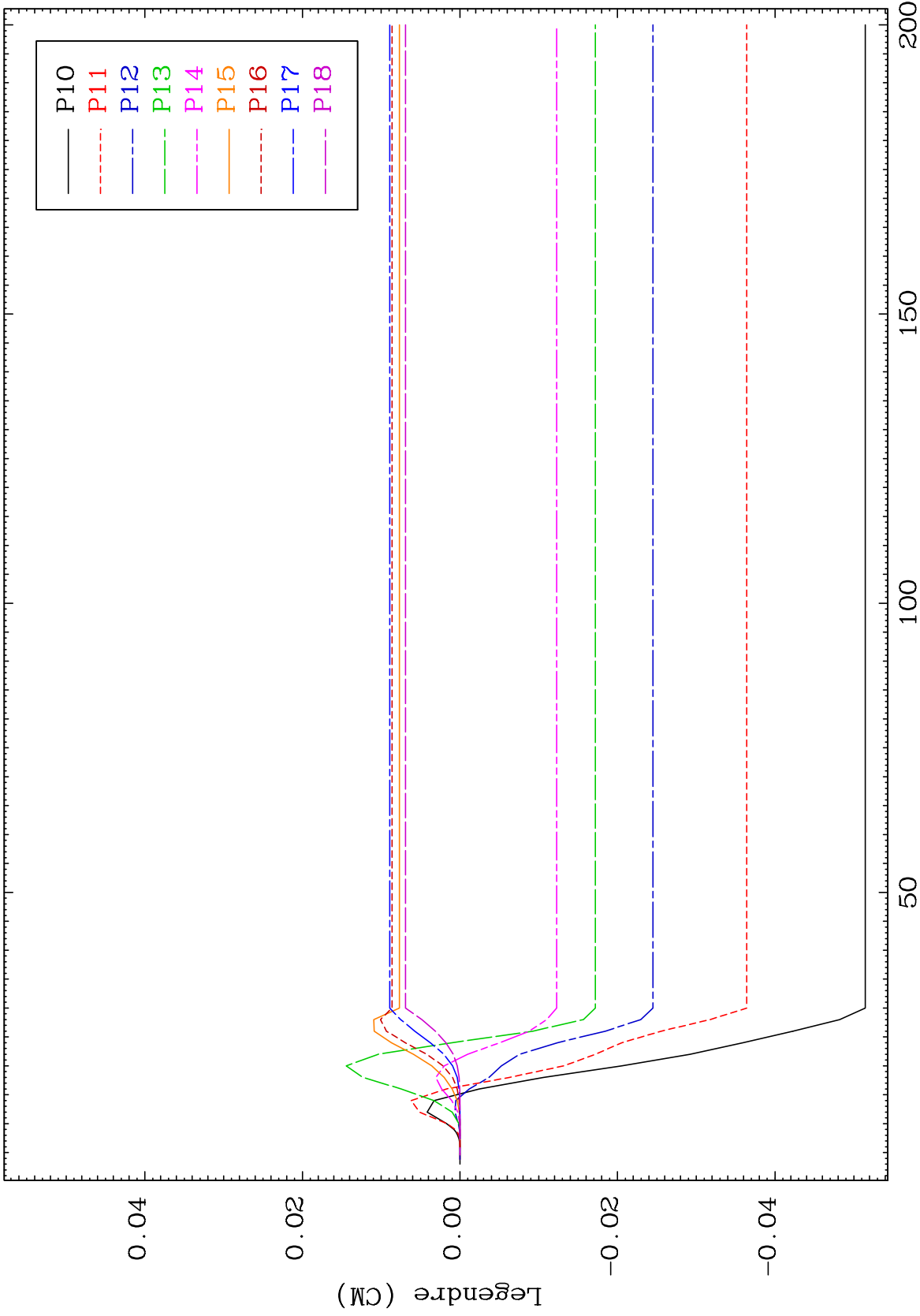
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102

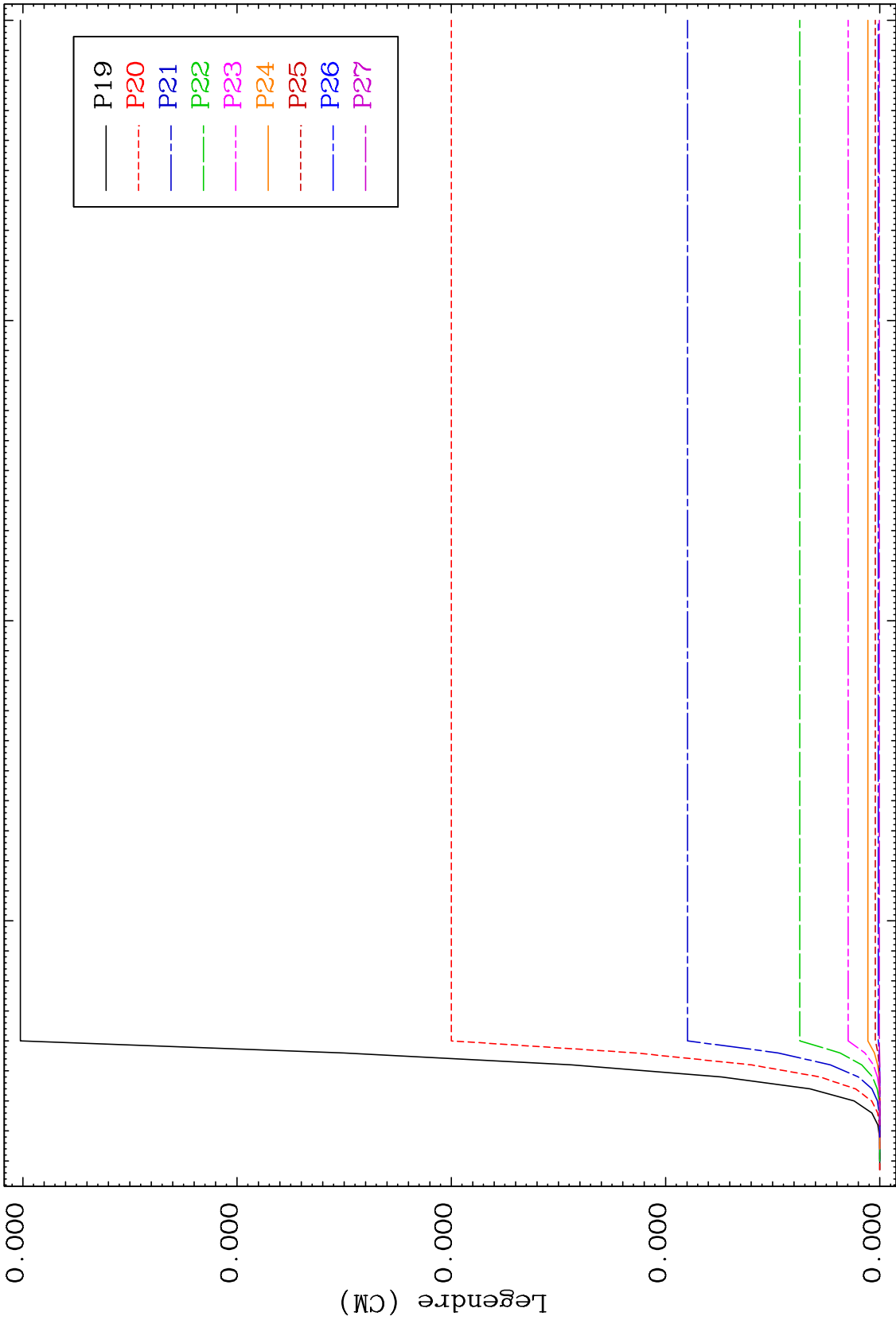


104

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-102

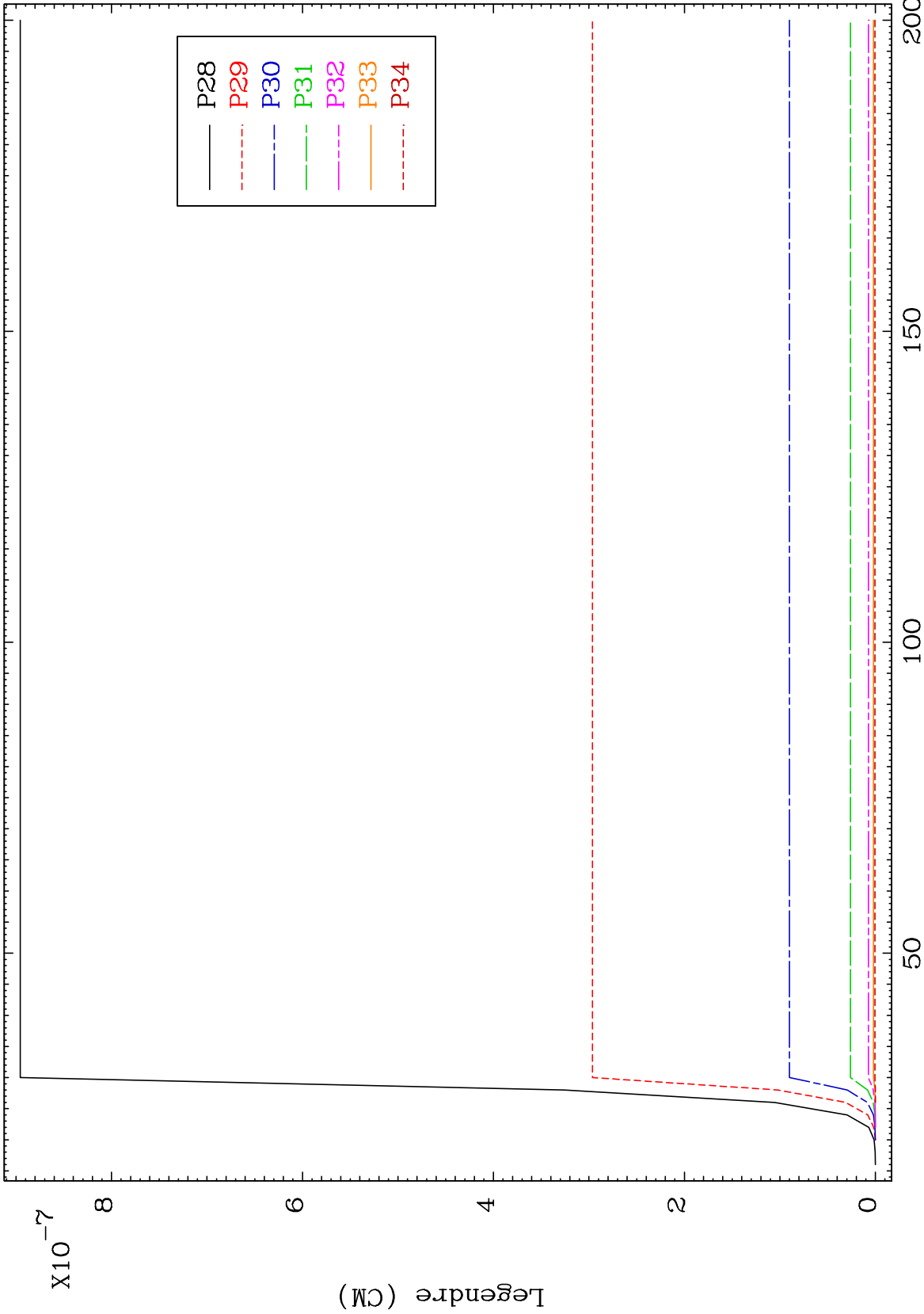


Legendre (CM) Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102

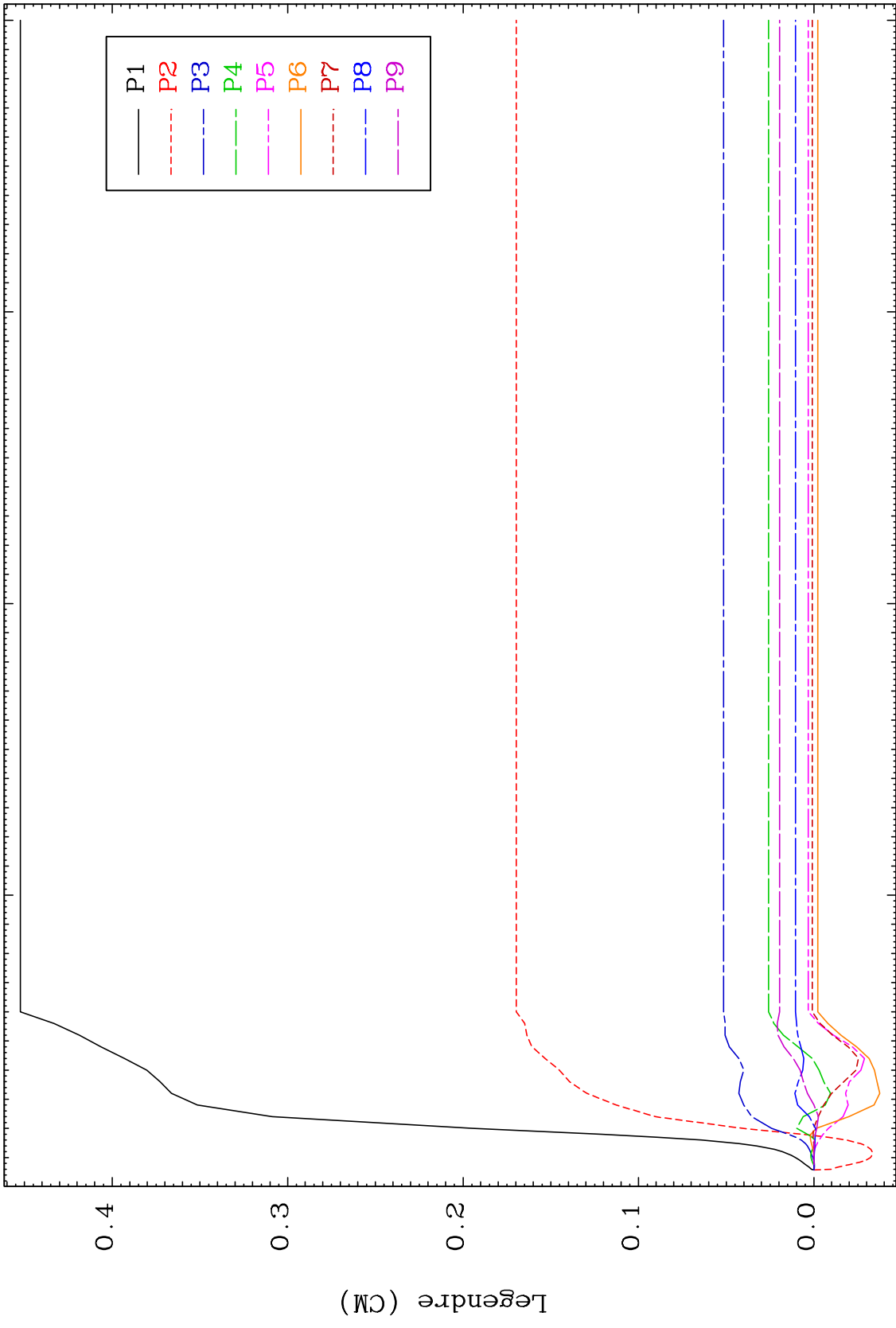


106

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-102

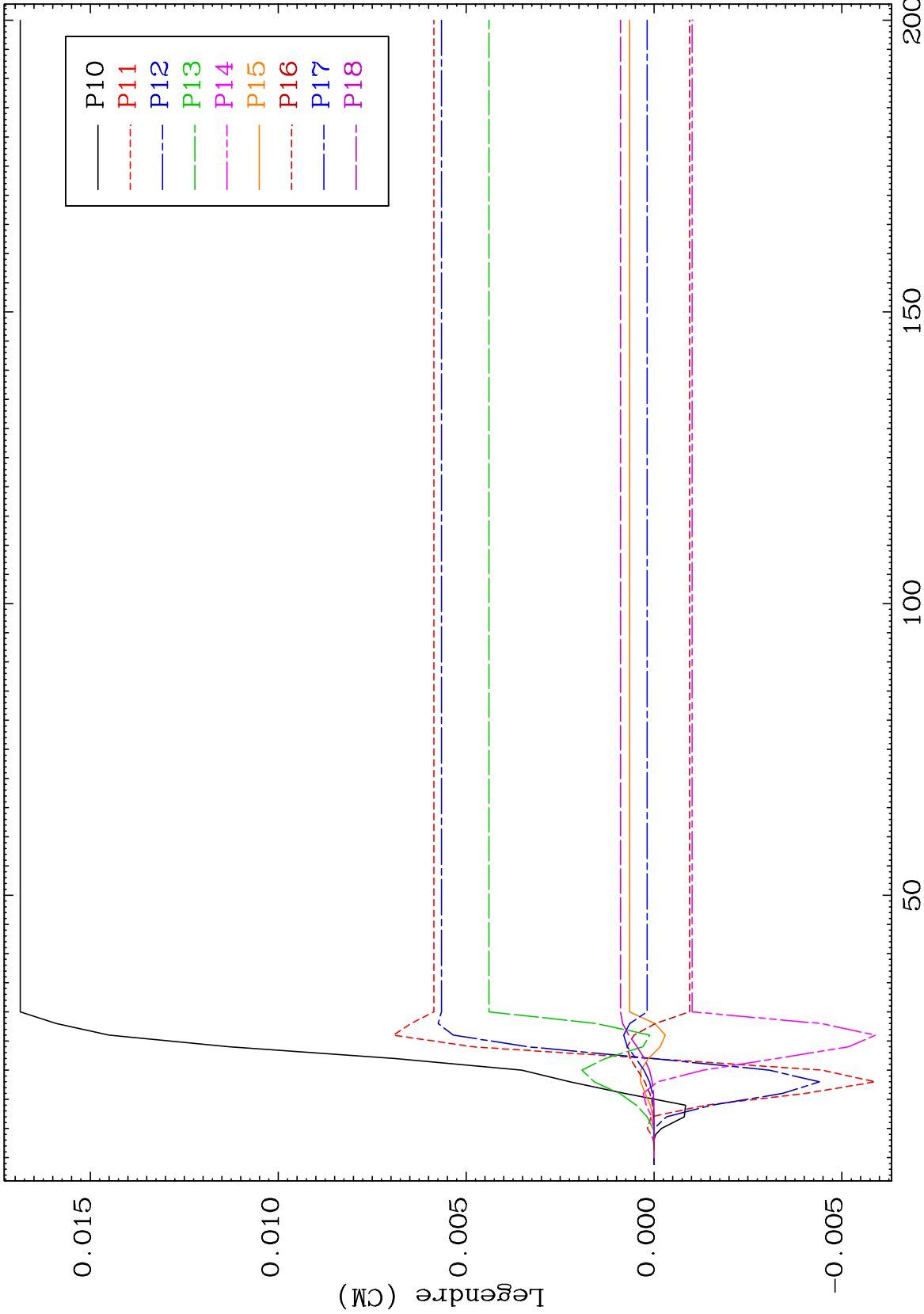


107 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102



108

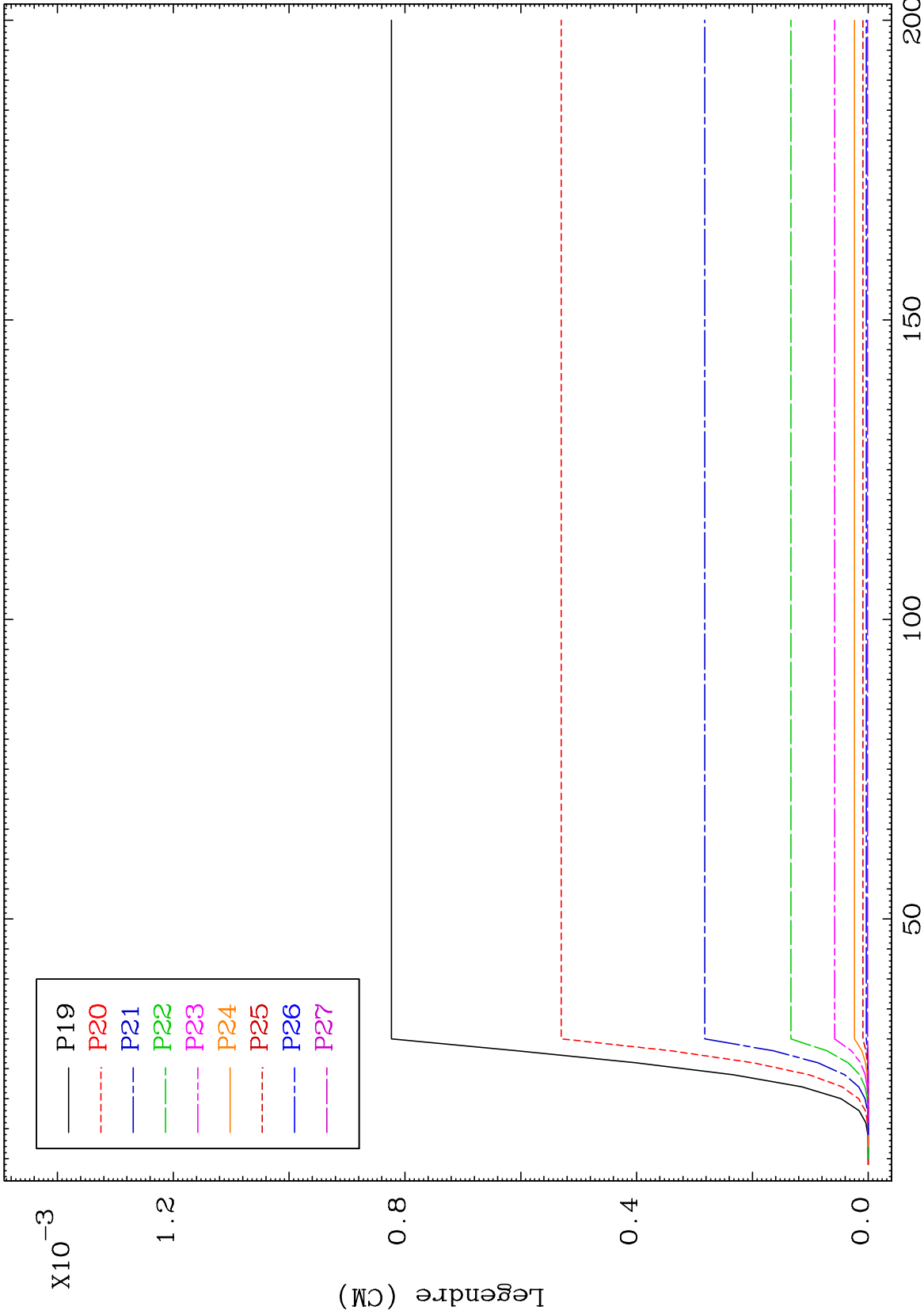
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



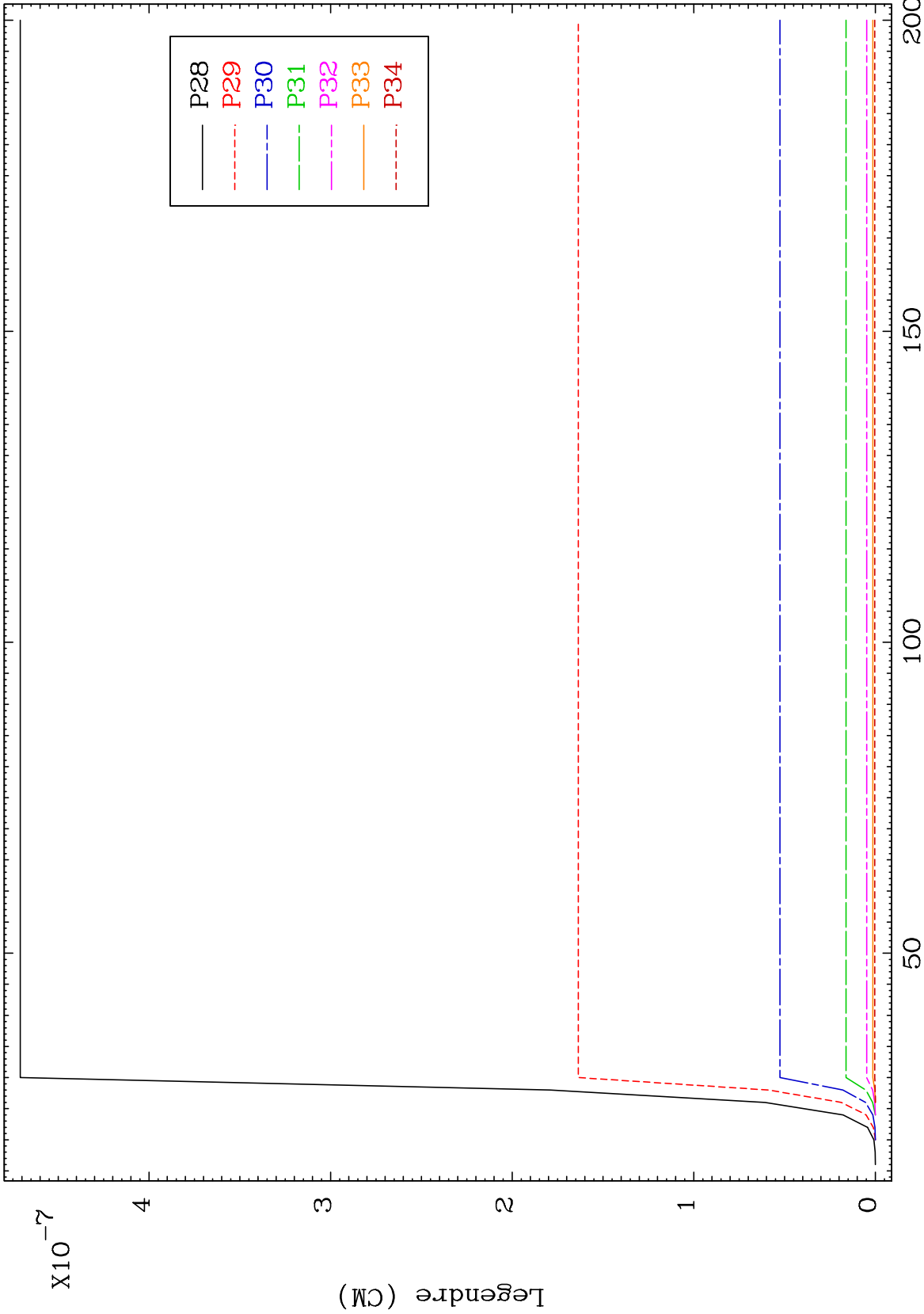
109

50-Sn-102

MAT 4995

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

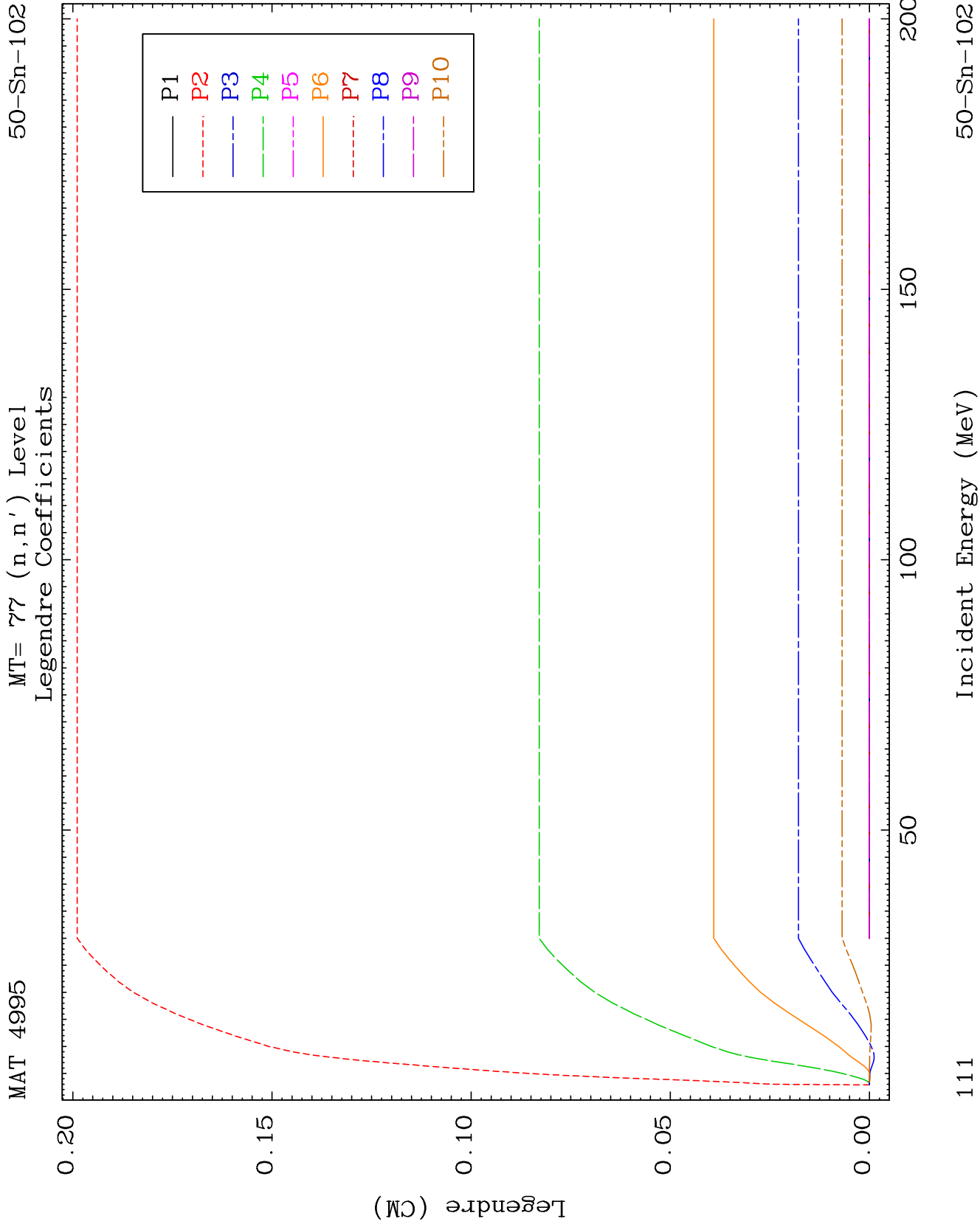
50-Sn-102



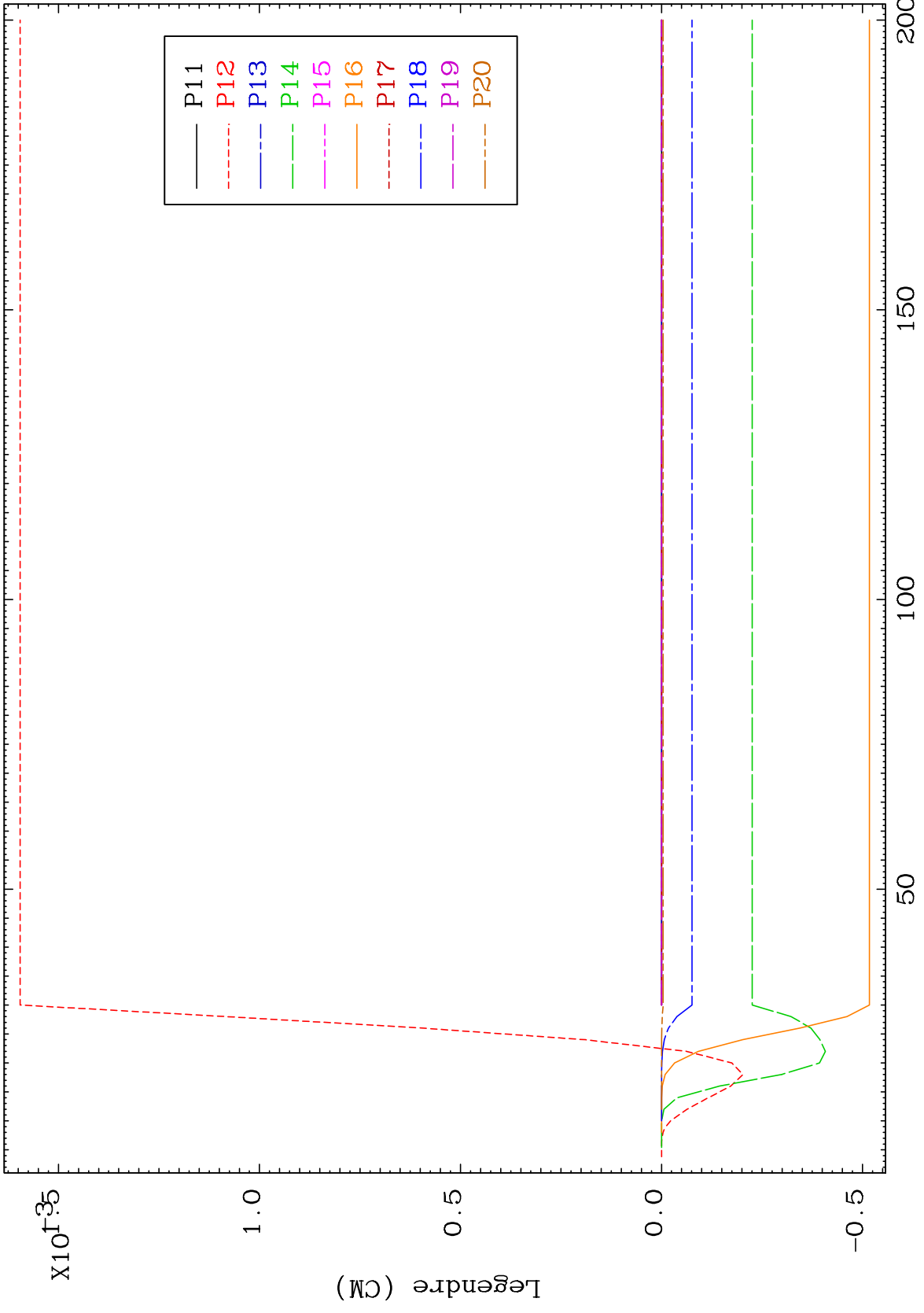
110

Incident Energy (MeV)

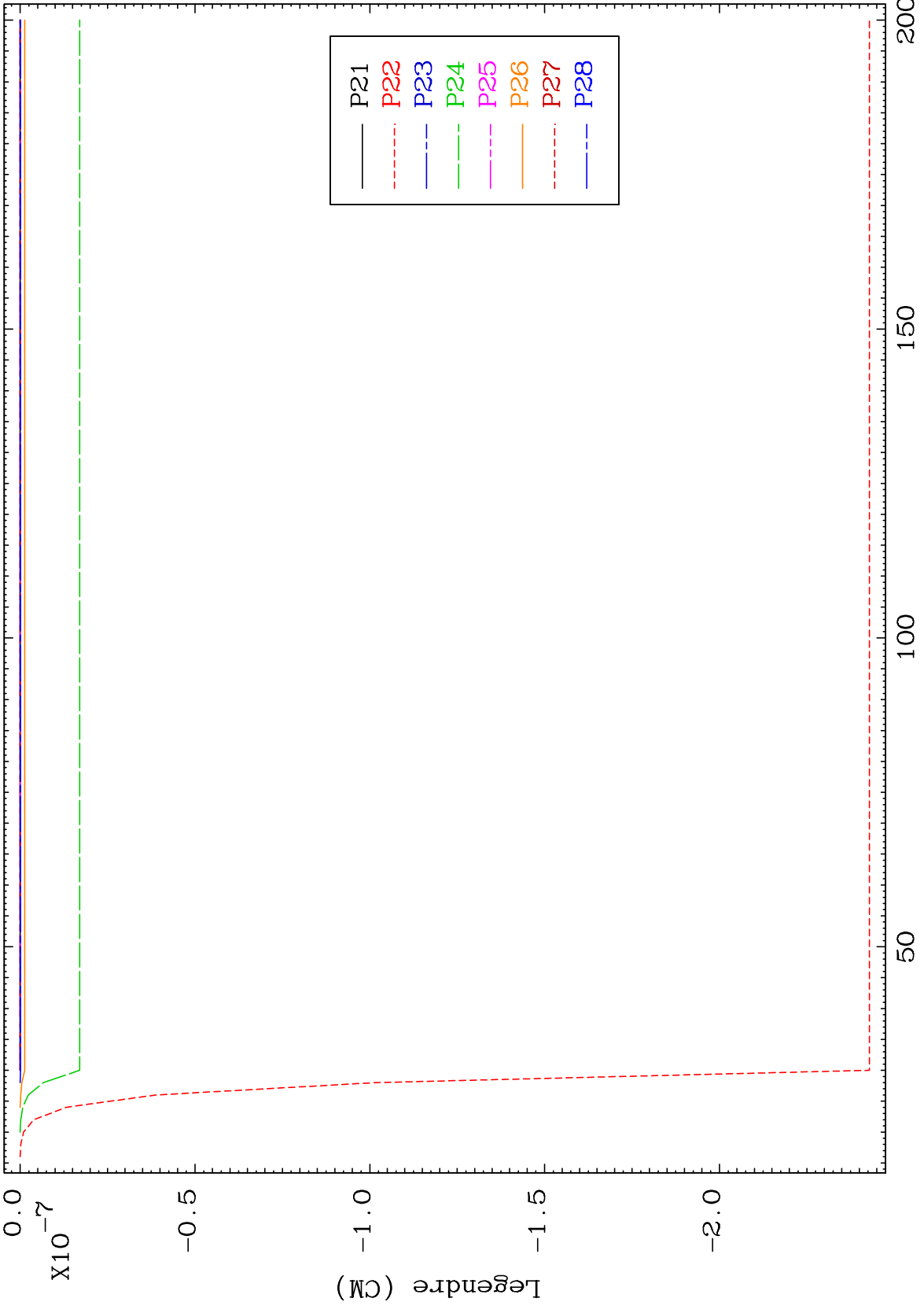
50-Sn-102



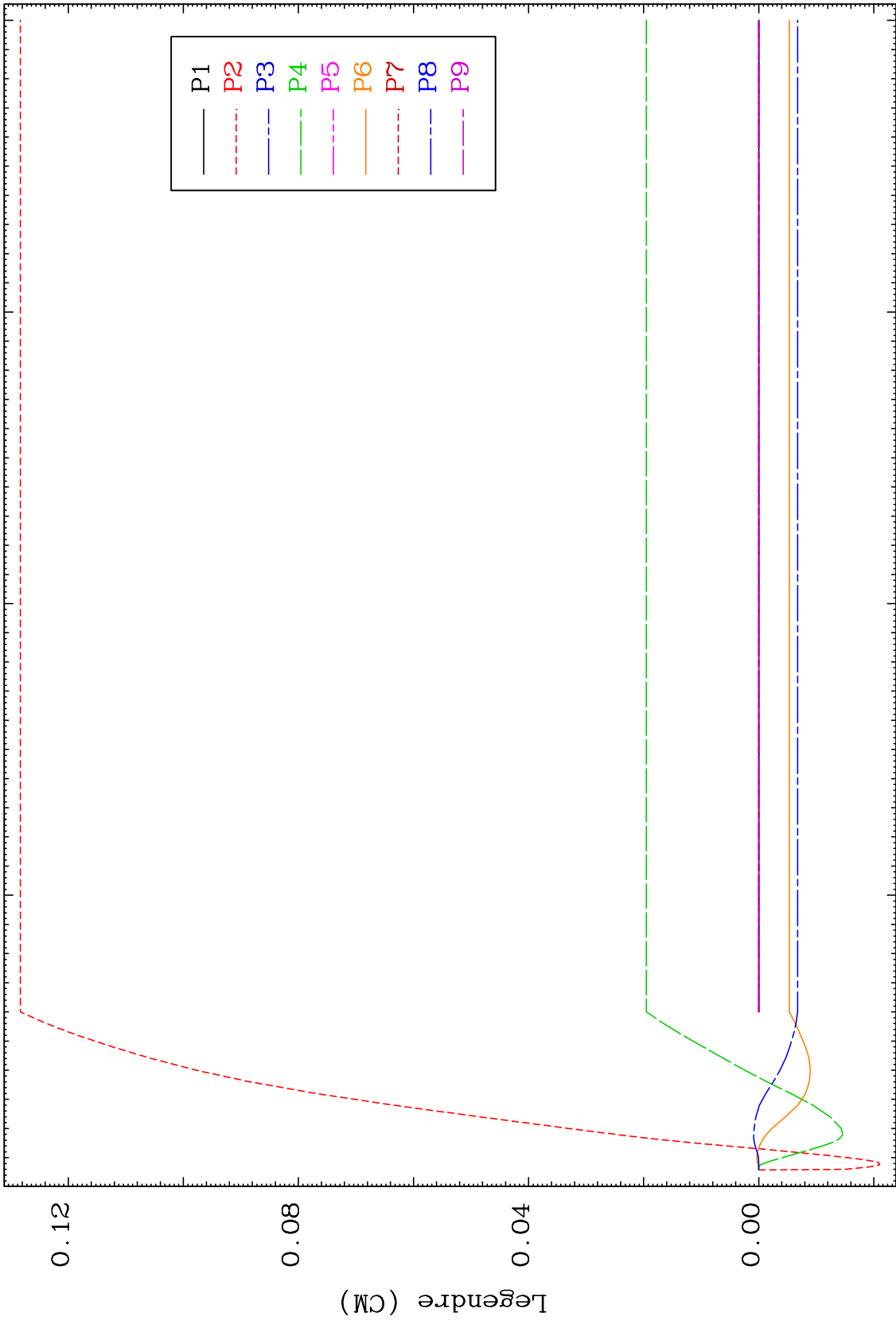
MAT 4995 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-102

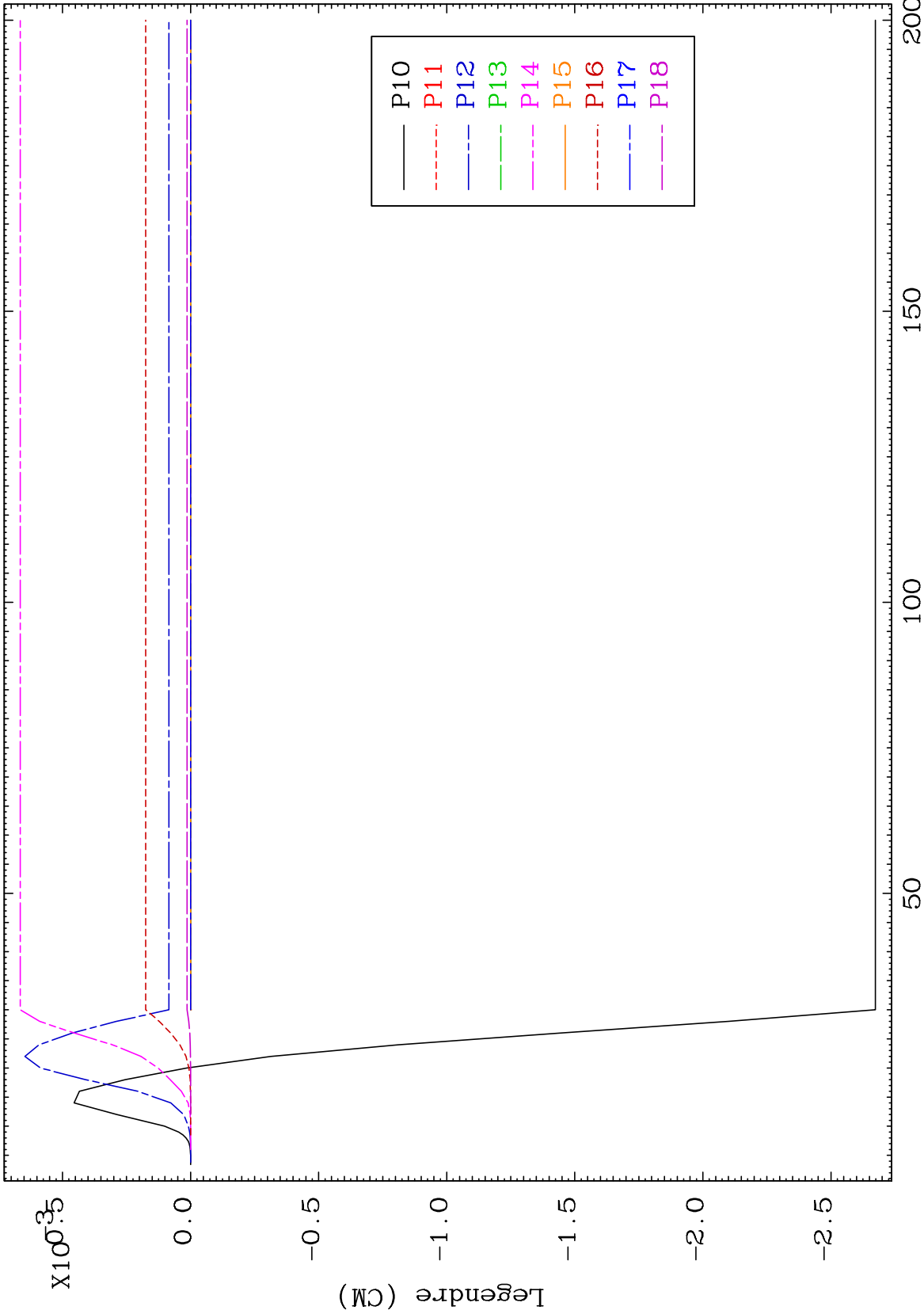


114 50-Sn-102

MAT 4995

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

50-Sn-102

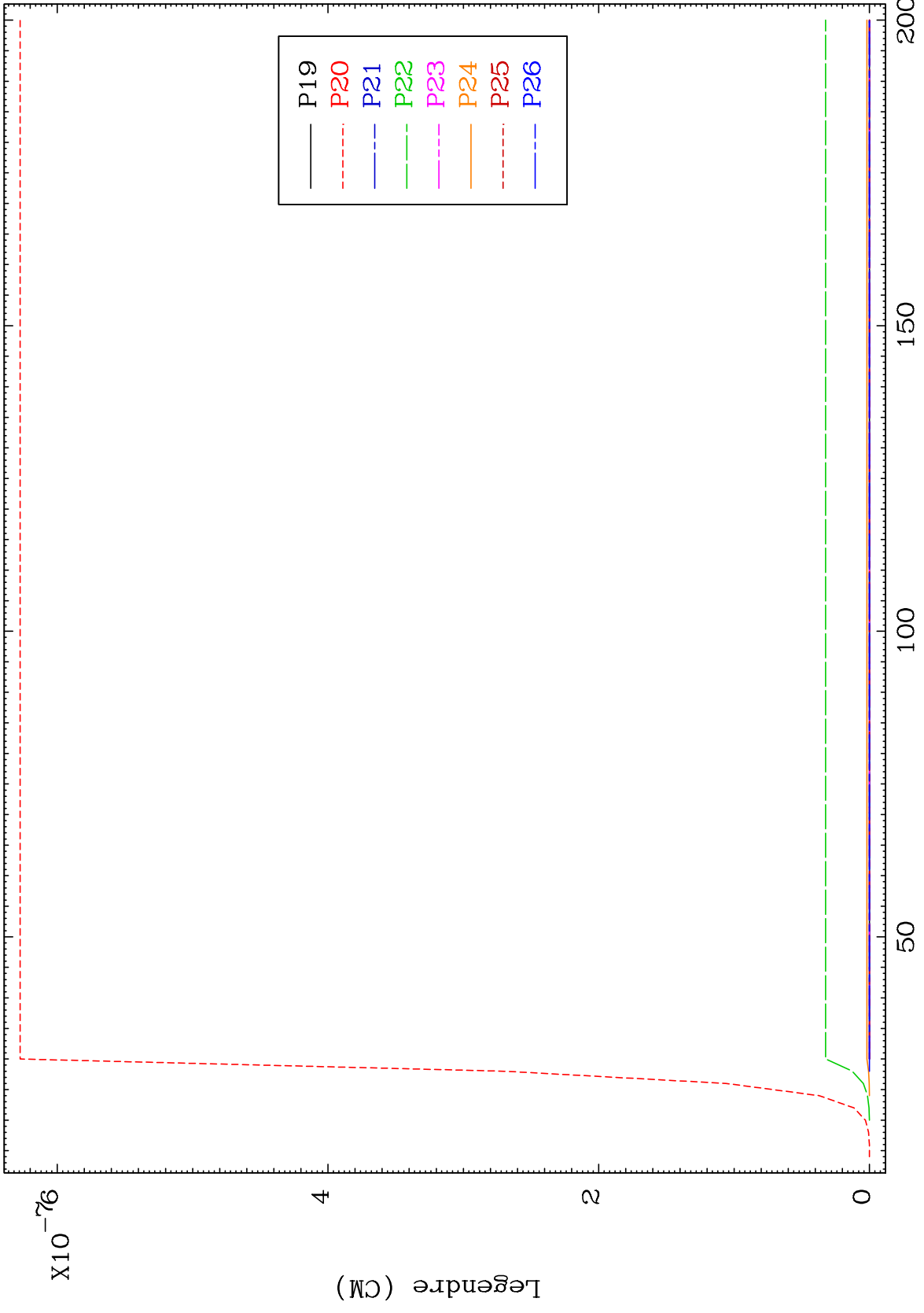


115

Incident Energy (MeV)

50-Sn-102

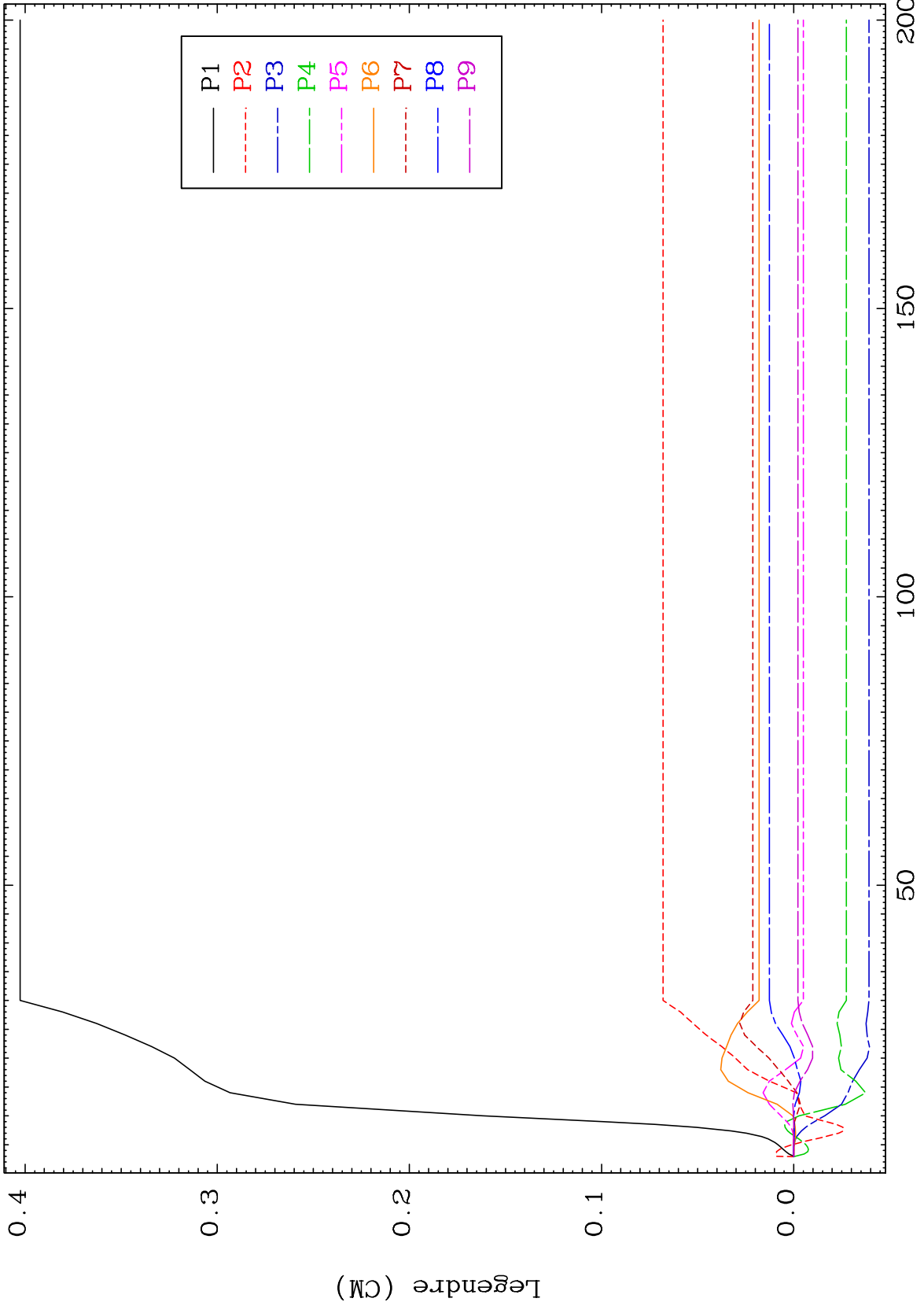
MAT 4995 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-102



116 50-Sn-102

MAT 4995 MT= 79 (n,n') Level Legendre Coefficients

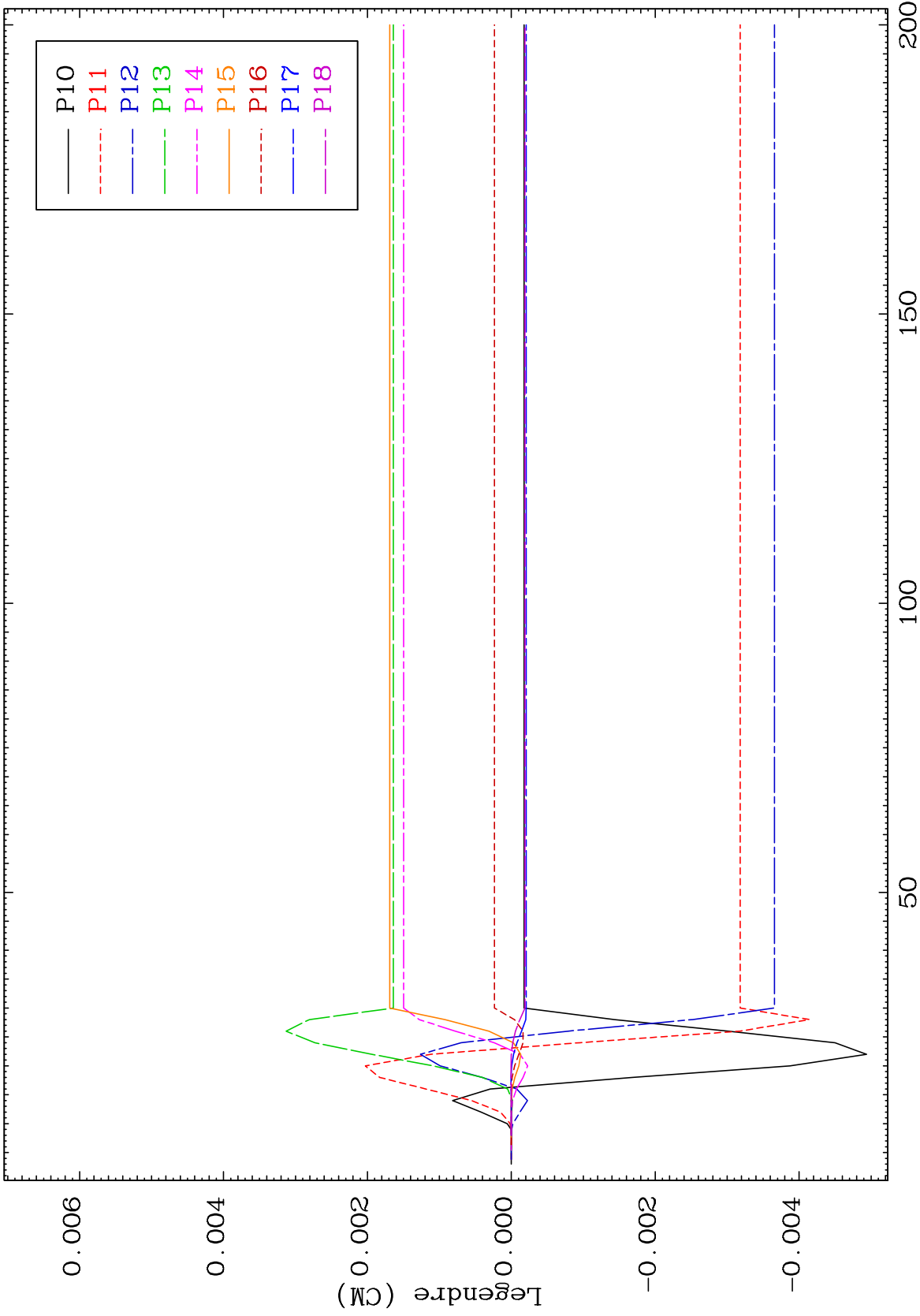
50-Sn-102



MAT 4995

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

50-Sn-102

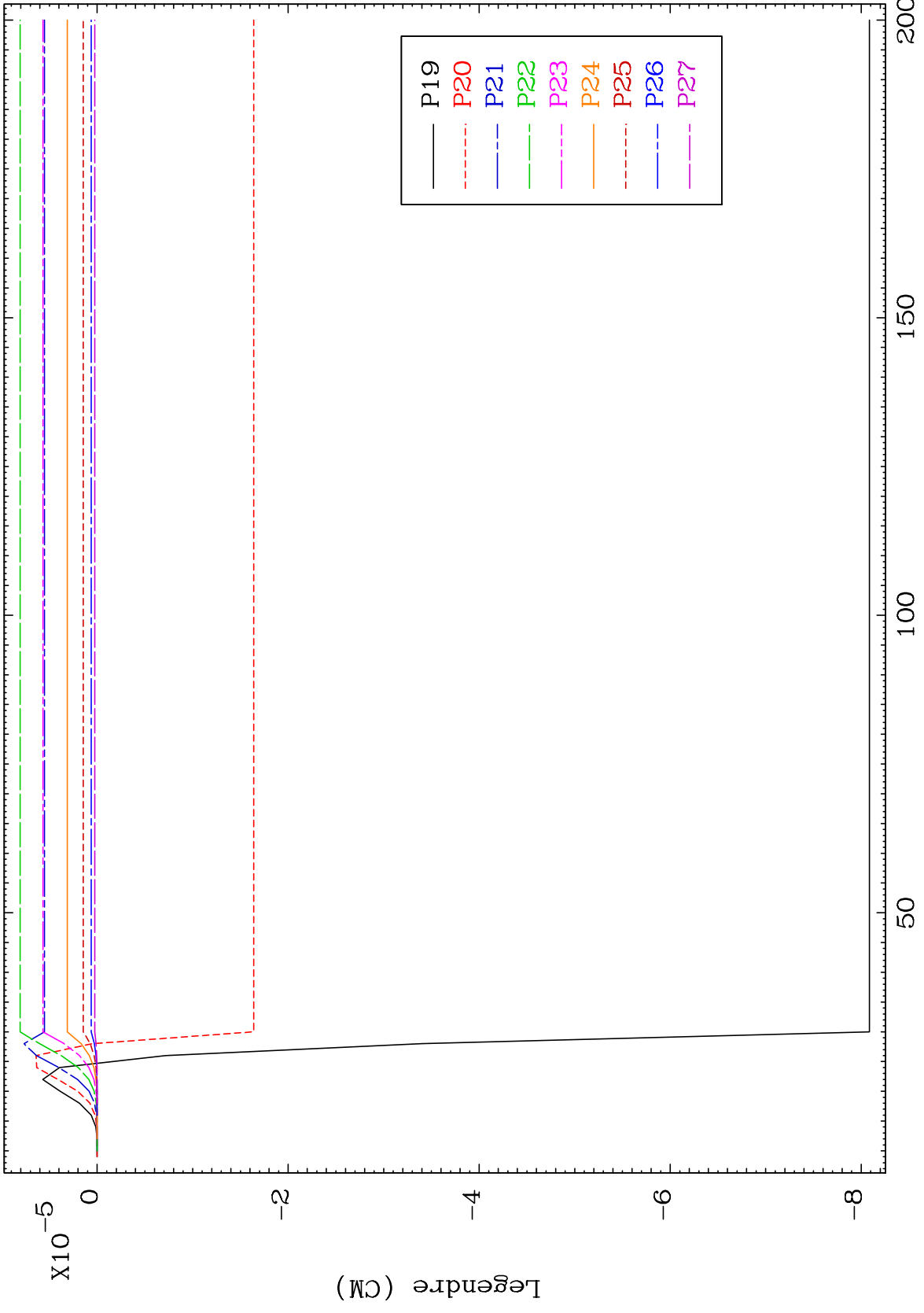


118

Incident Energy (MeV)

50-Sn-102

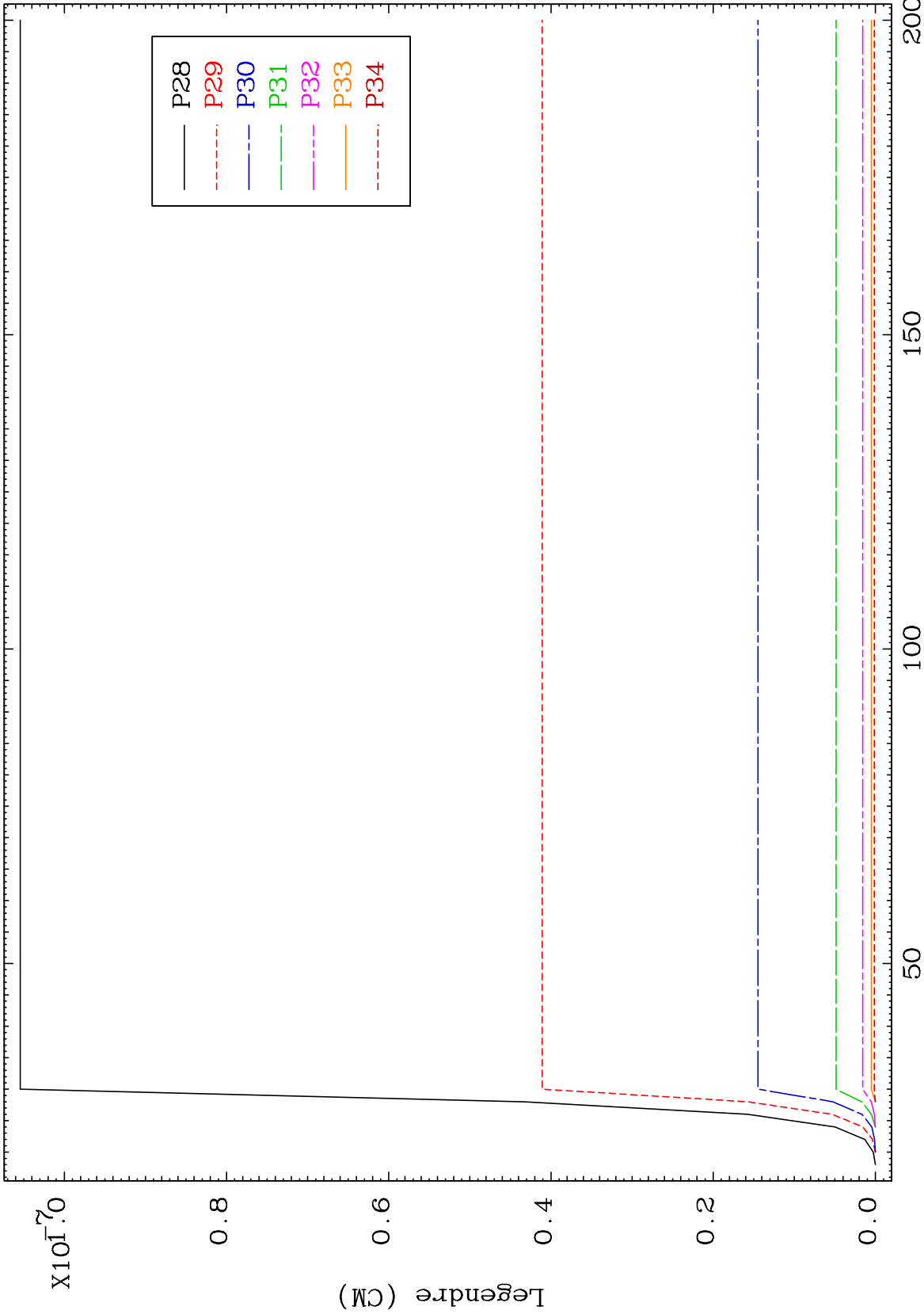
MAT 4995 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-102



MAT 4995

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

50-Sn-102

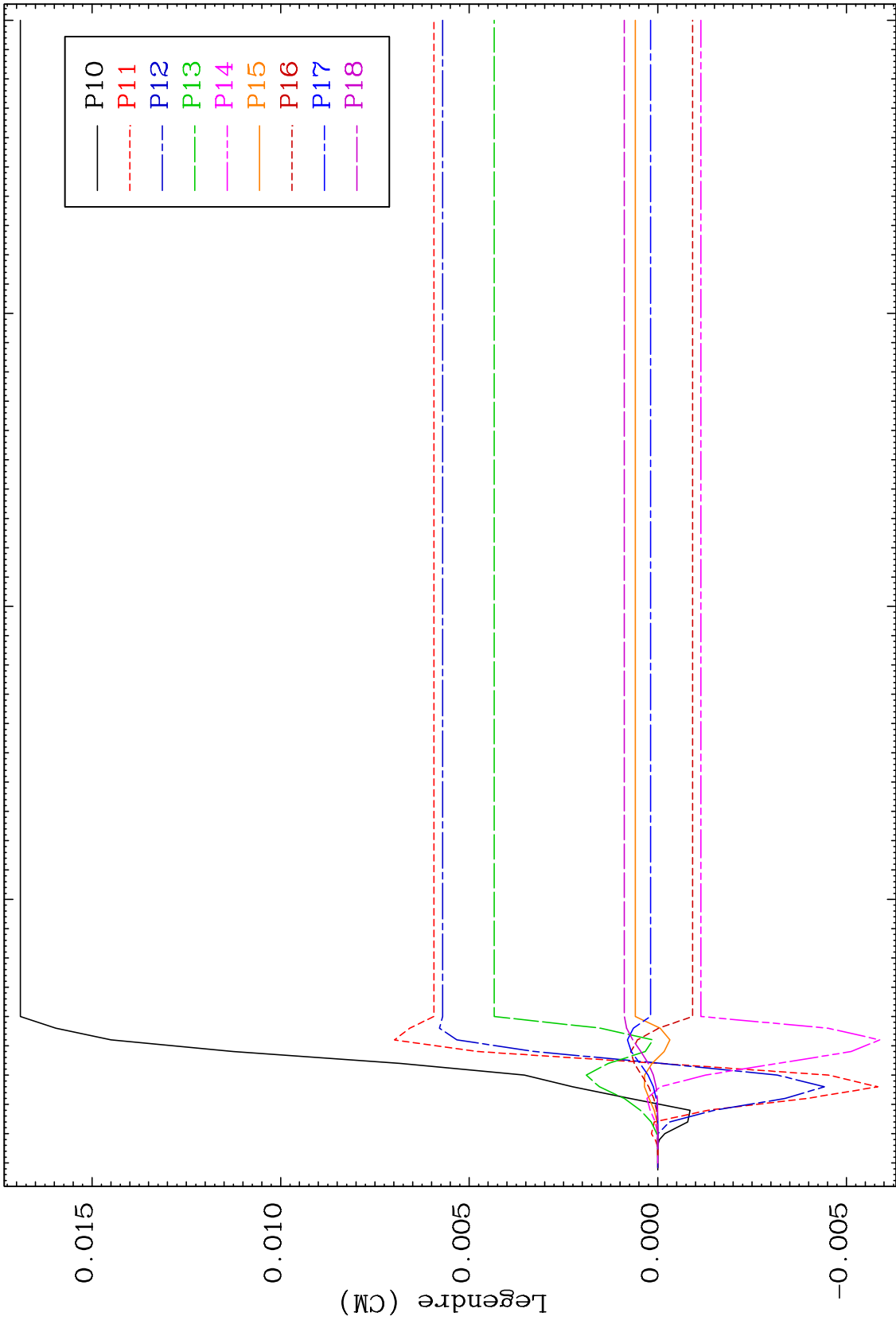


120

Incident Energy (MeV)

50-Sn-102

MAT 4995 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-102

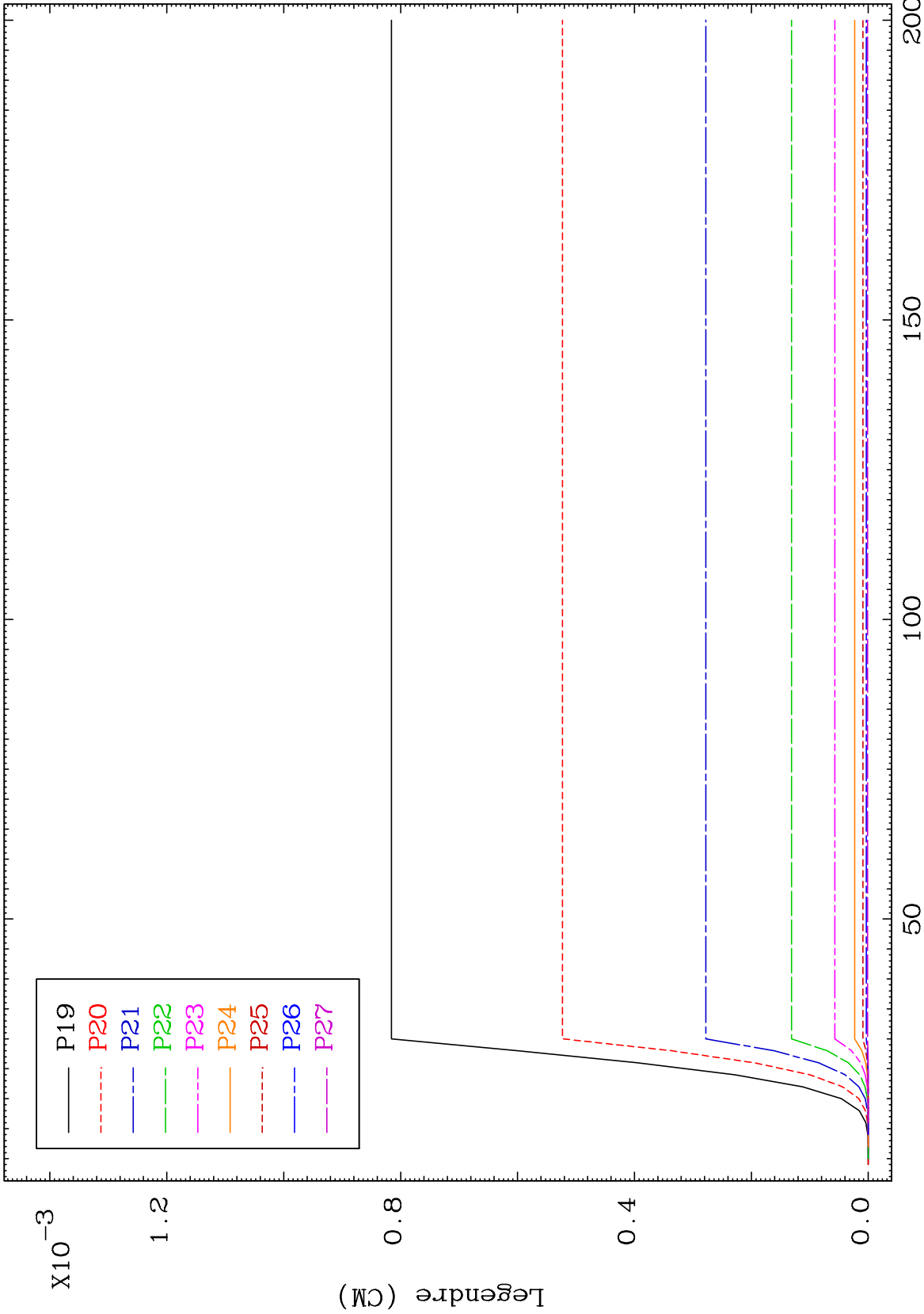


122 Incident Energy (MeV) 50-Sn-102

MAT 4995

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

50-Sn-102



123

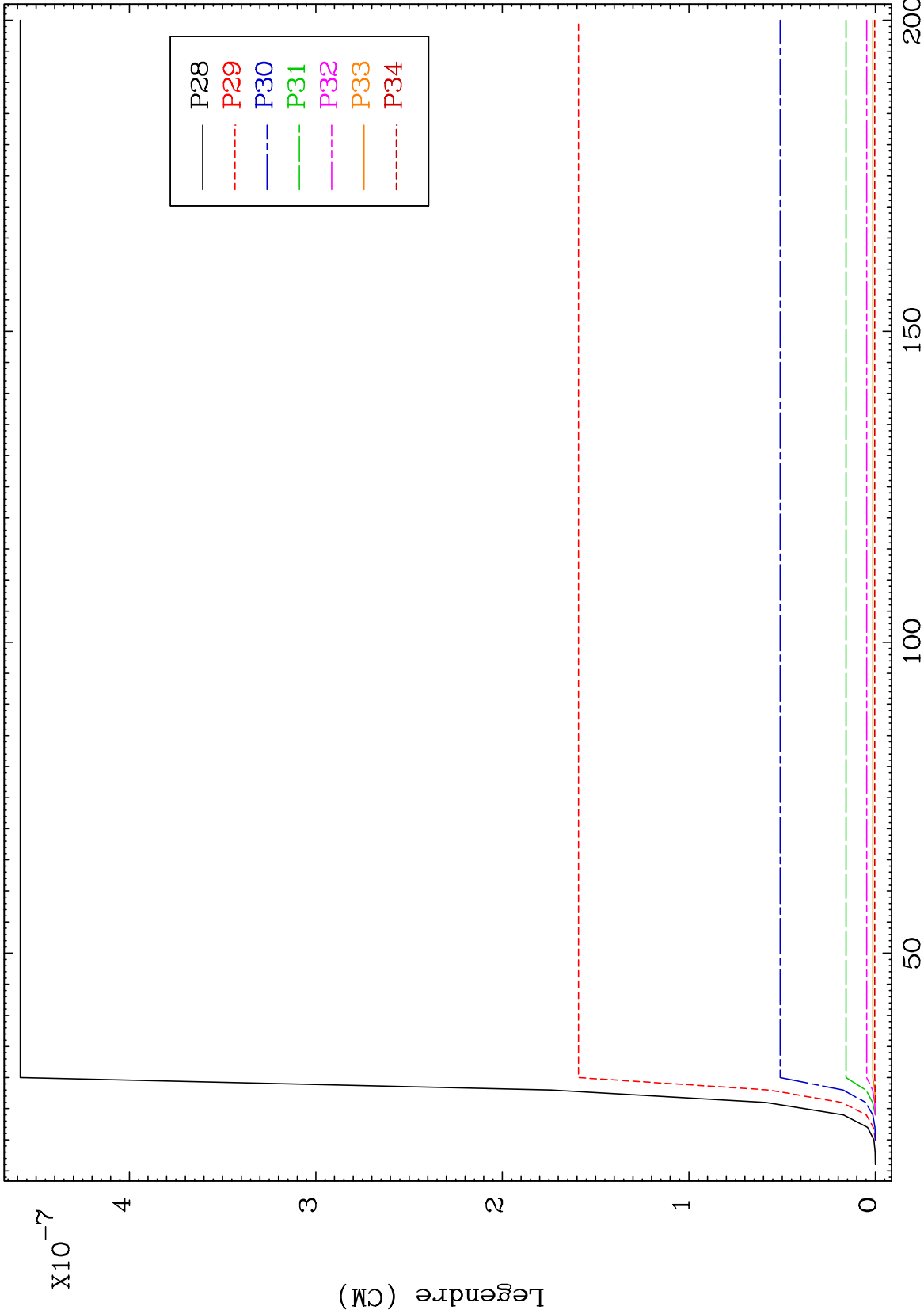
Incident Energy (MeV)

50-Sn-102

MAT 4995

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

50-Sn-102



124

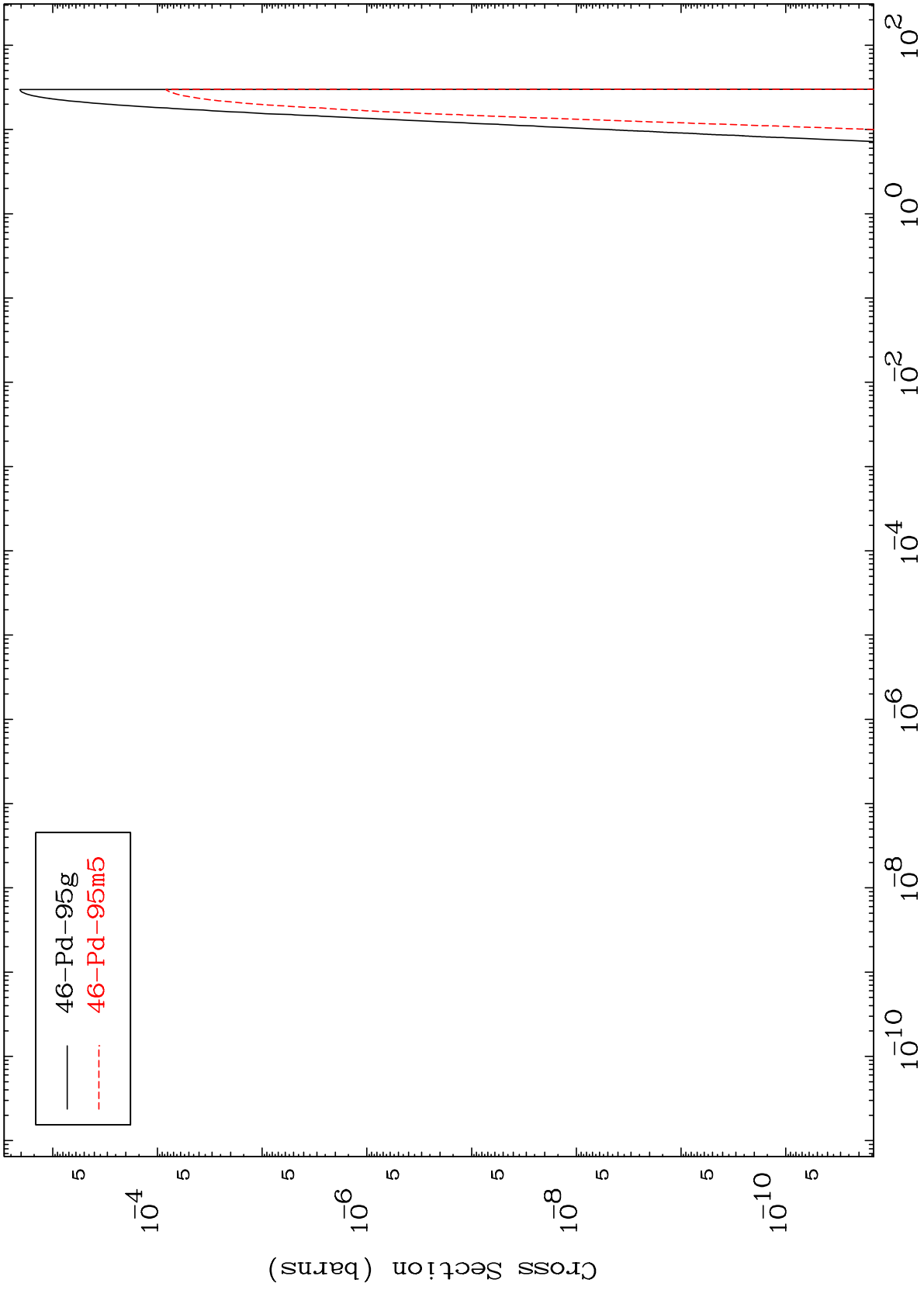
Incident Energy (MeV)

50-Sn-102

MAT 4995

Radionuclide Production Cross Section
(n,2α)

50-Sn-102



125

Incident Energy (MeV)

50-Sn-102