

Program EVALPLOT
(Version 2018-1)

by

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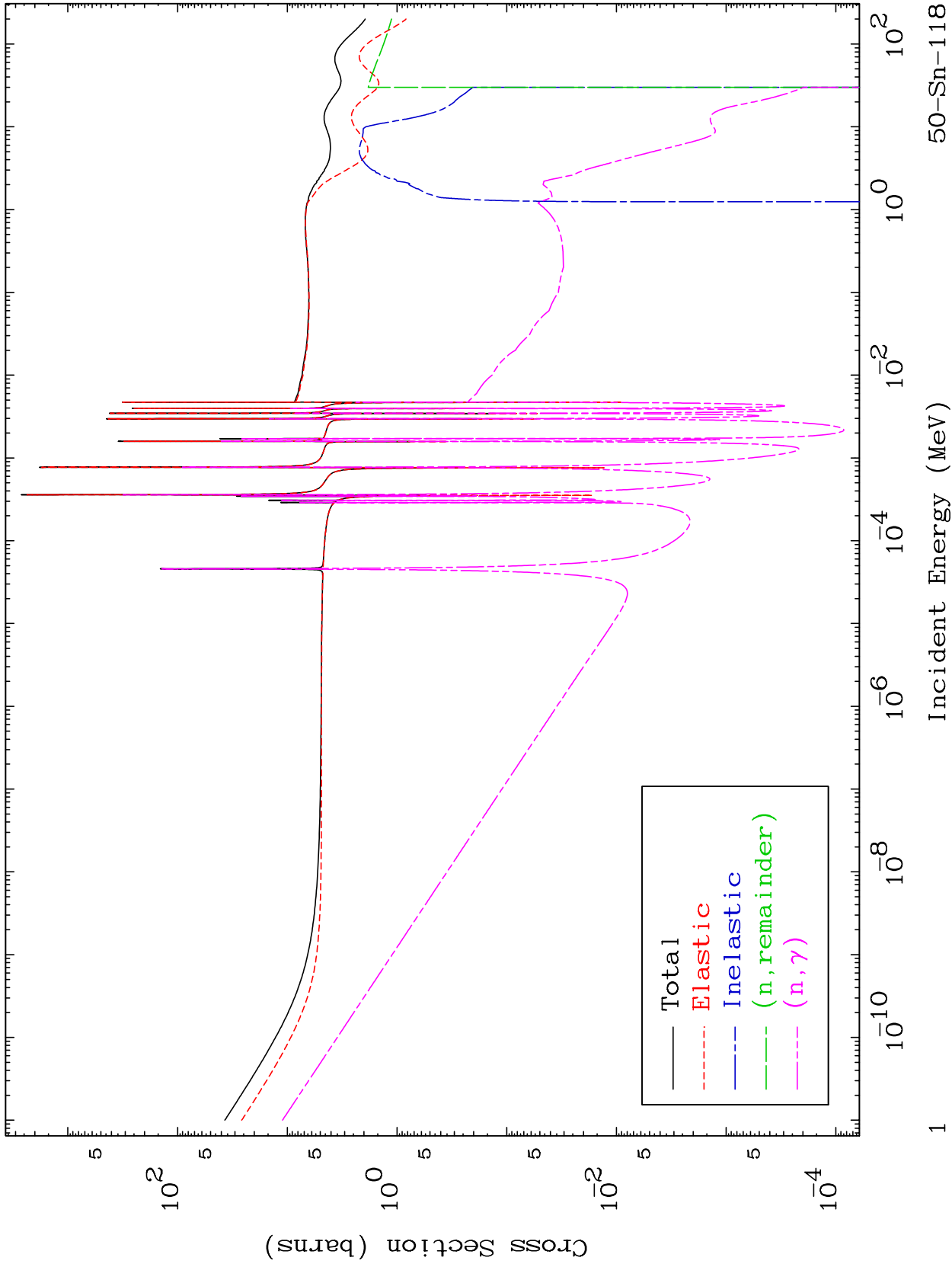
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5043

Major
293 Kelvin Cross Sections

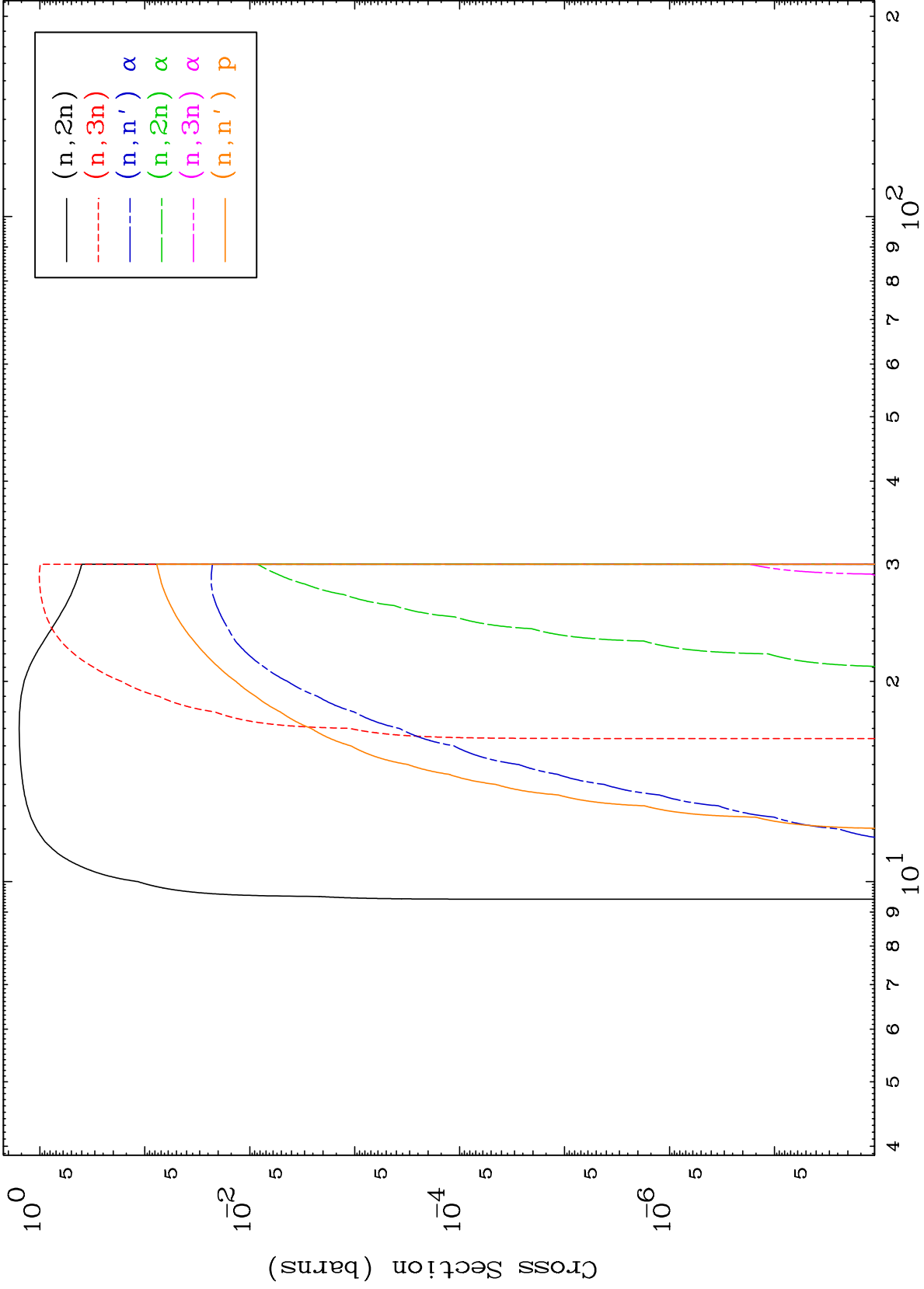
50-Sn-118



MAT 5043

Neutron Production
293 Kelvin Cross Sections

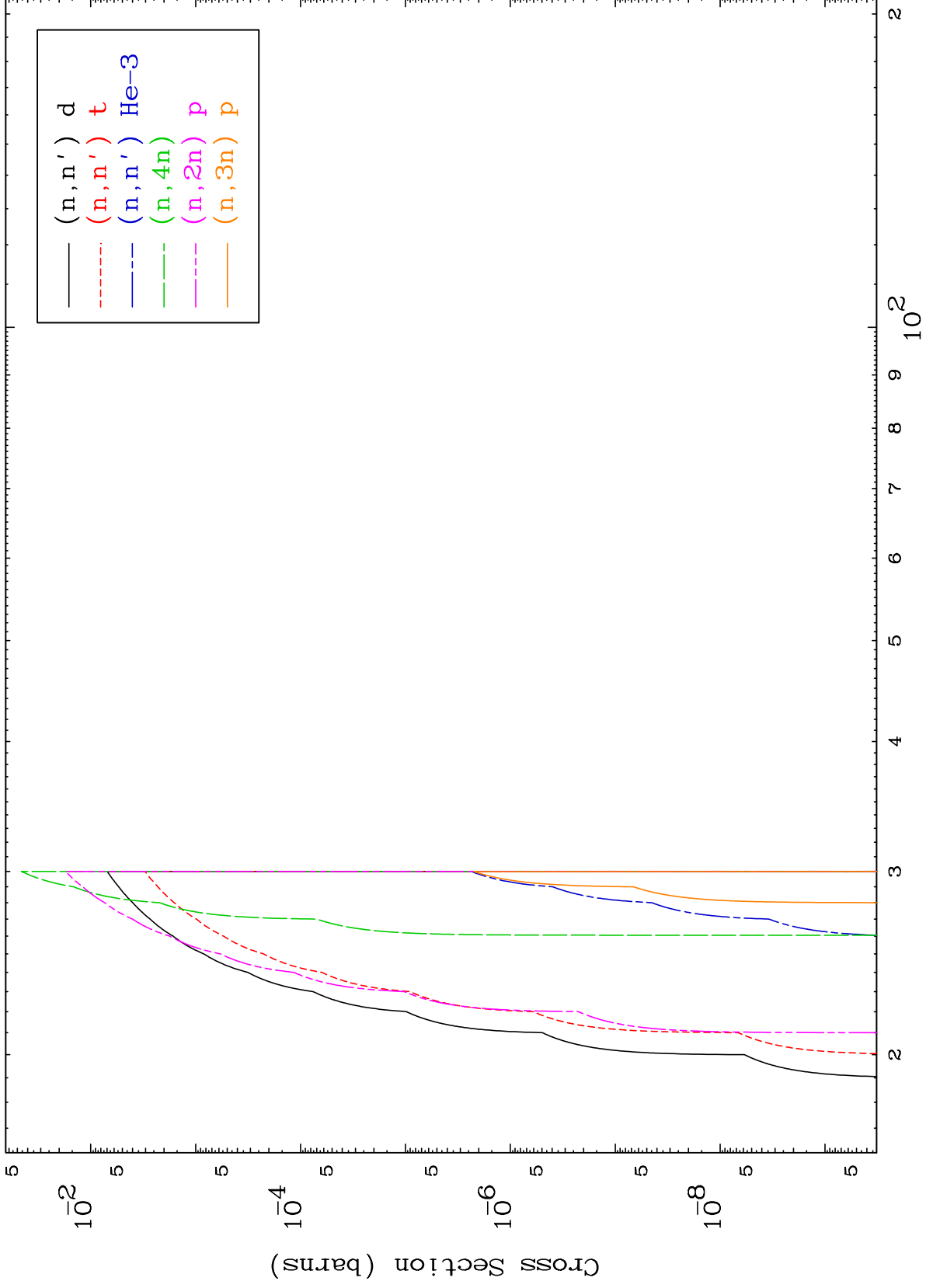
50-Sn-118



2

Incident Energy (MeV)

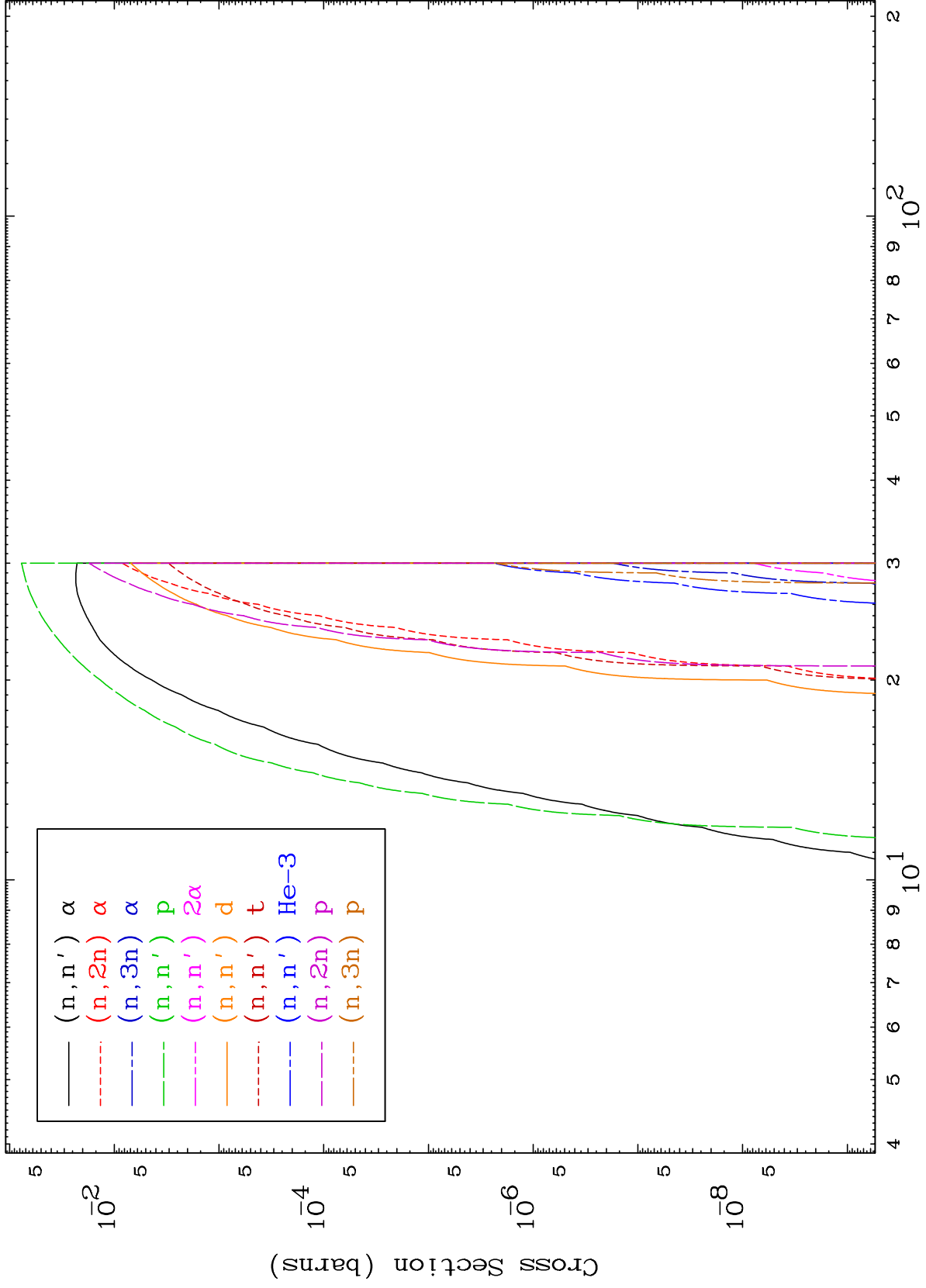
50-Sn-118



MAT 5043

Charged Particle
293 Kelvin Cross Sections

50-Sn-118



4

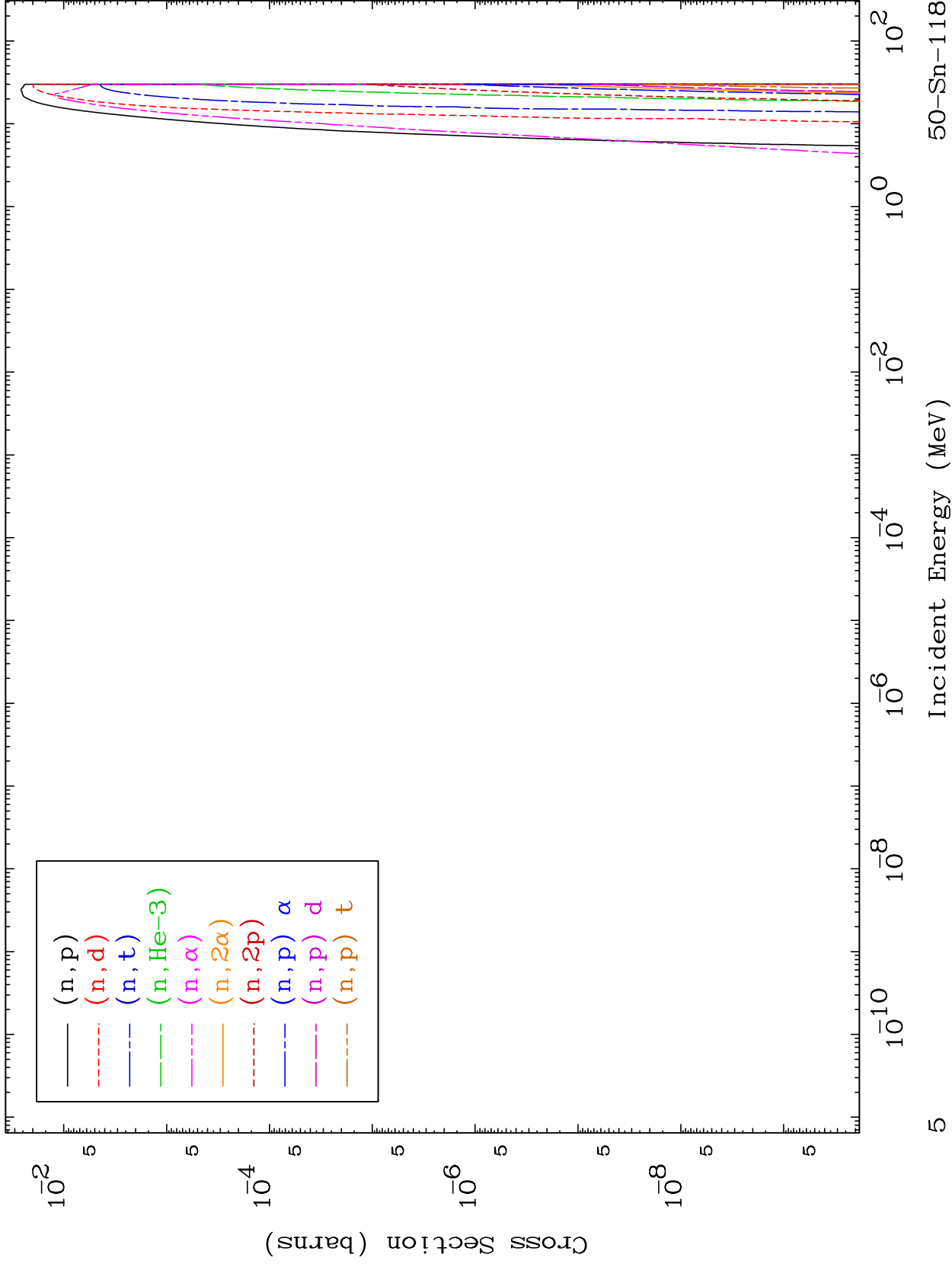
Incident Energy (MeV)

50-Sn-118

MAT 5043

Charged Particle
293 Kelvin Cross Sections

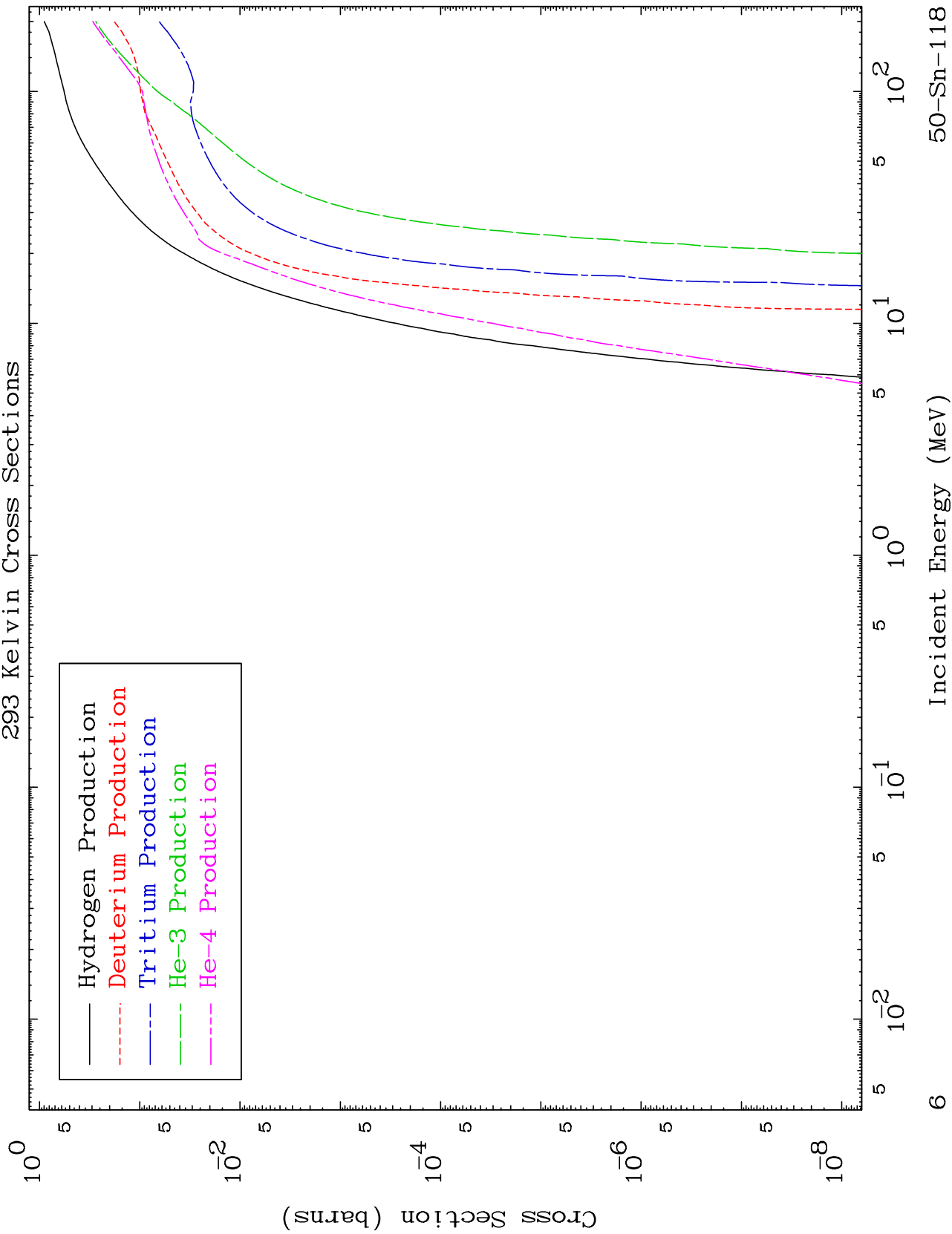
50-Sn-118



MAT 5043

Particle Production
293 Kelvin Cross Sections

50-Sn-118



6

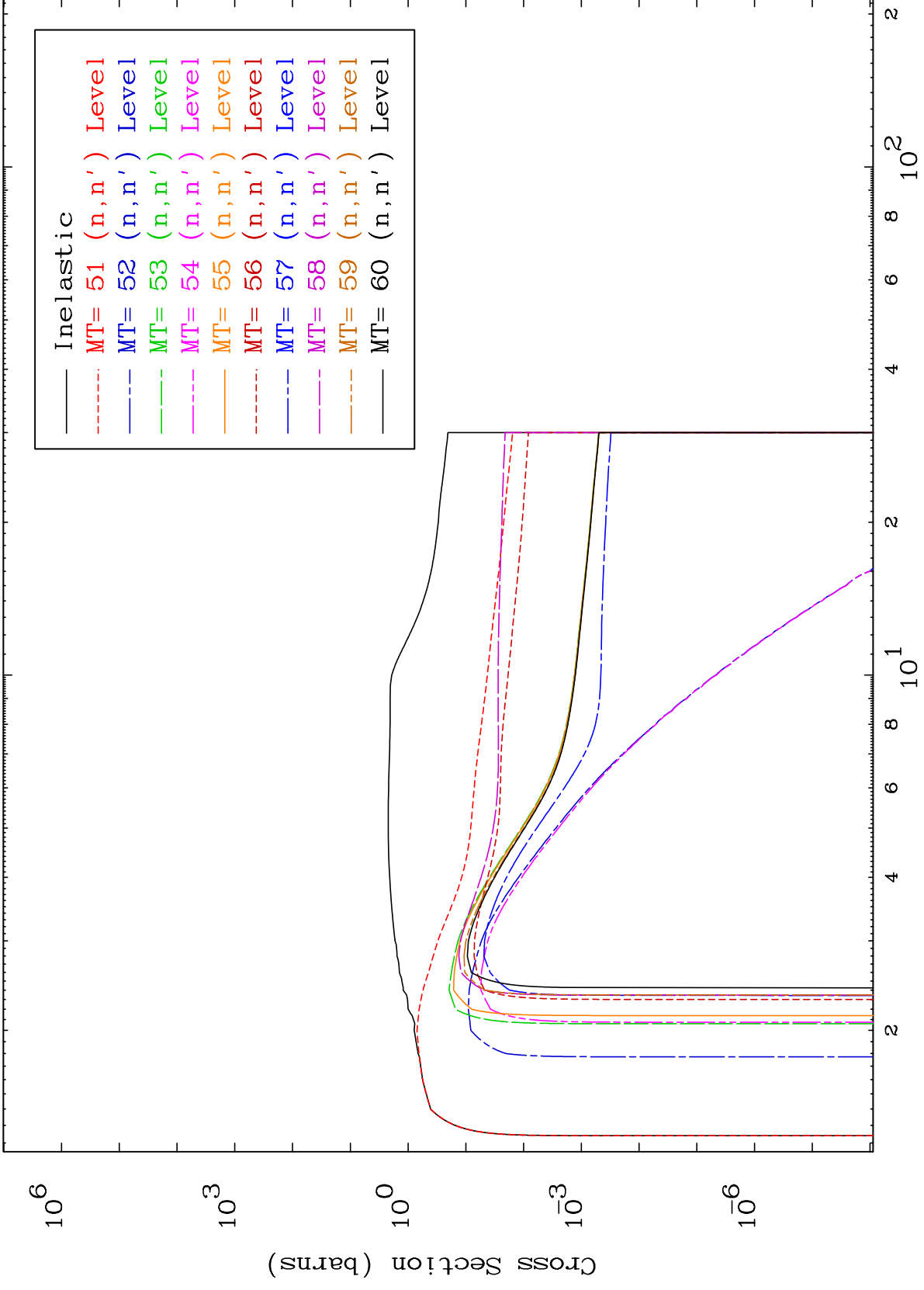
50-Sn-118

MAT 5043

(n,n') Level

50-Sn-118

293 Kelvin Cross Sections

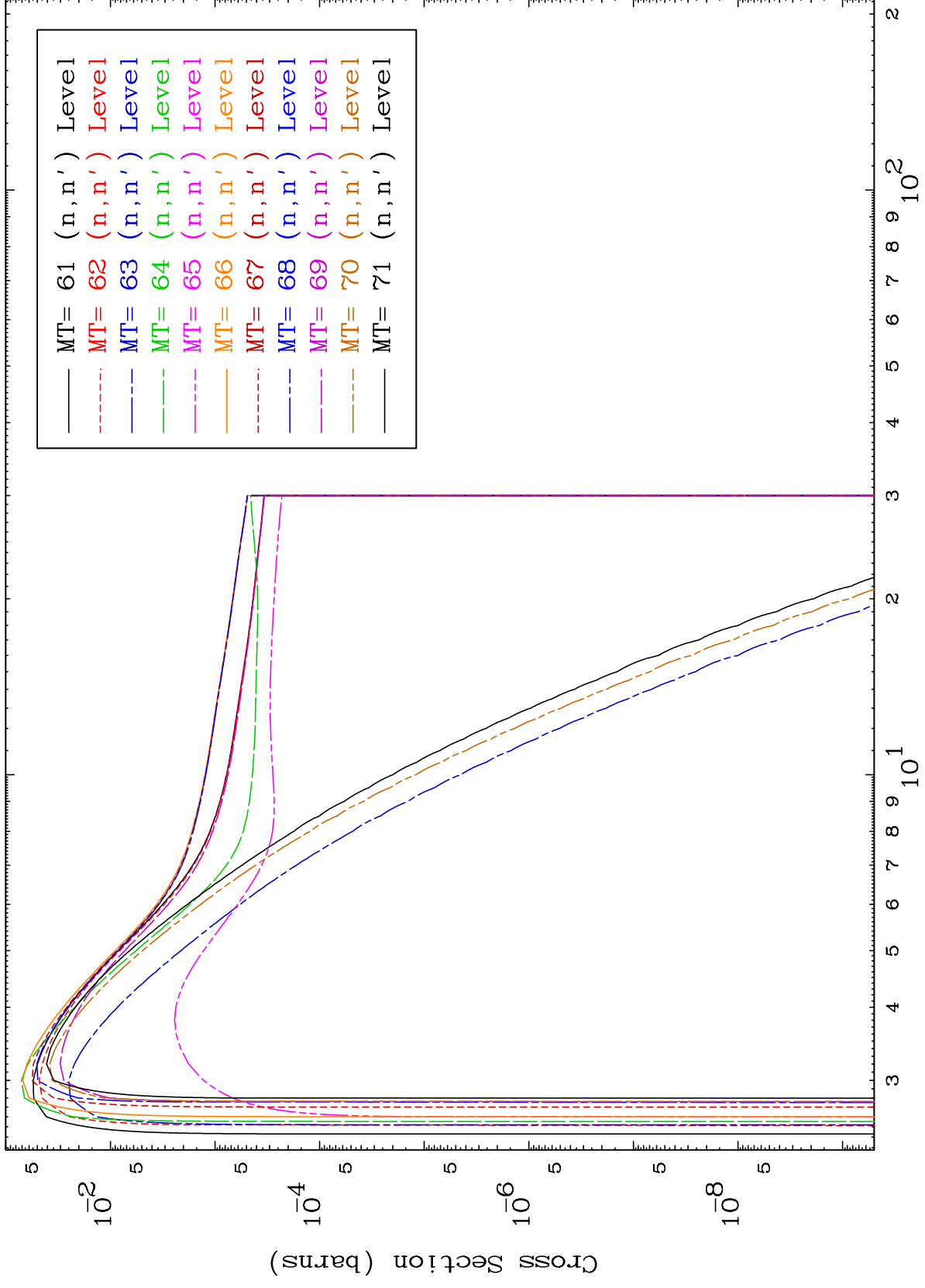


MAT 5043

(n,n') Level

50-Sn-118

293 Kelvin Cross Sections



8

Incident Energy (MeV)

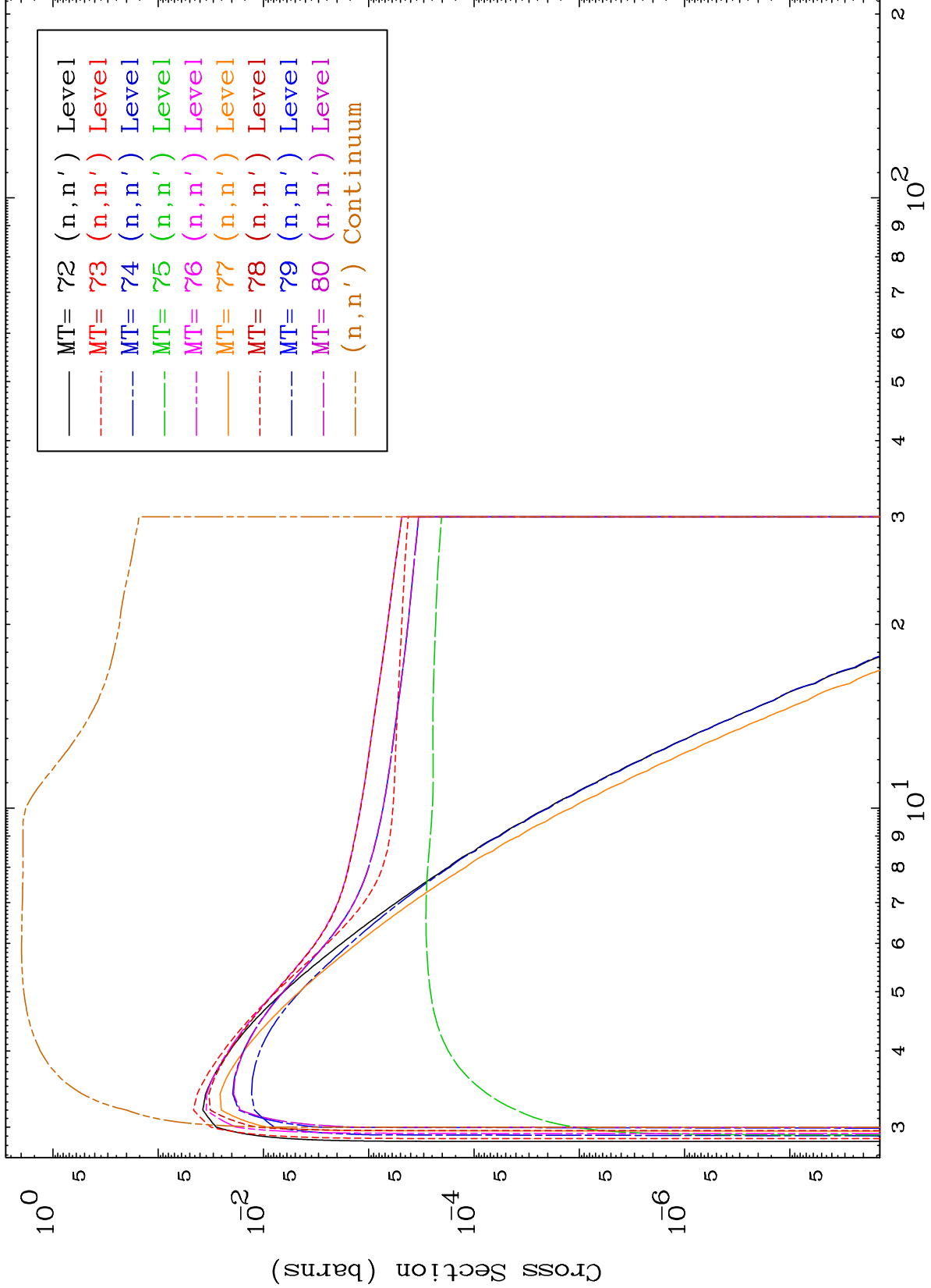
50-Sn-118

MAT 5043

(n,n') Level

50-Sn-118

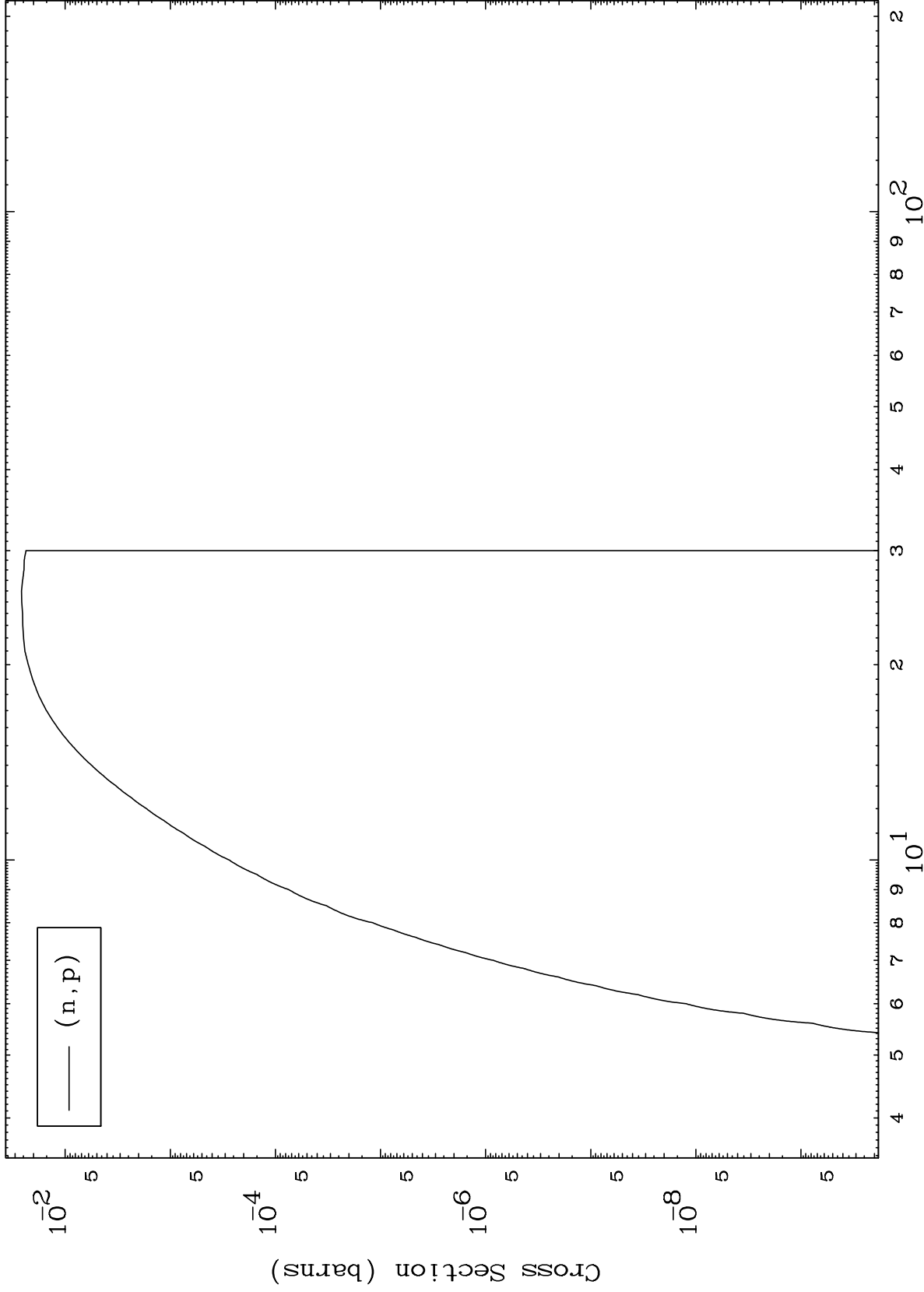
293 Kelvin Cross Sections



MAT 5043

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-118



10

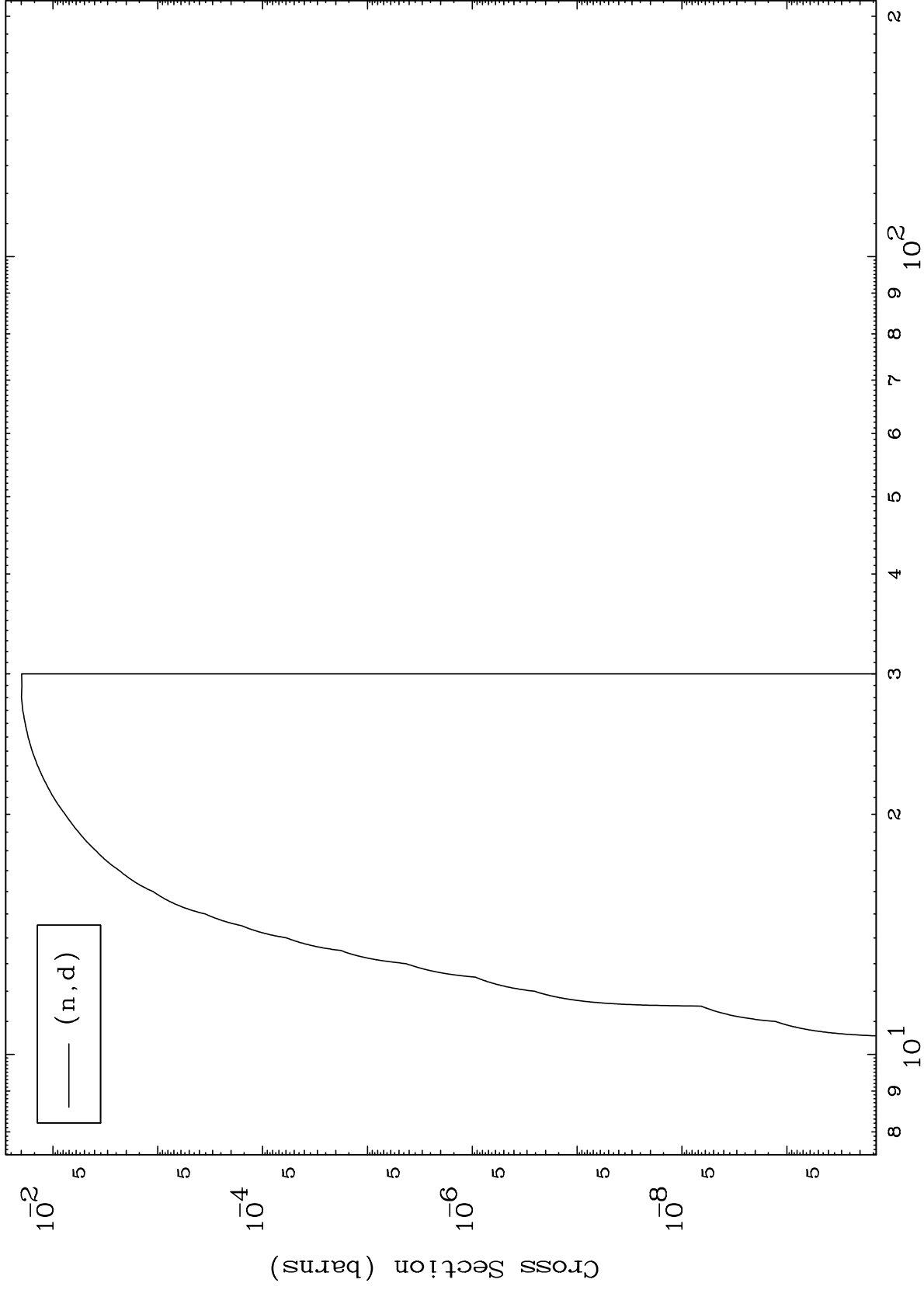
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,d) Levels
293 Kelvin Cross Sections



50-Sn-118

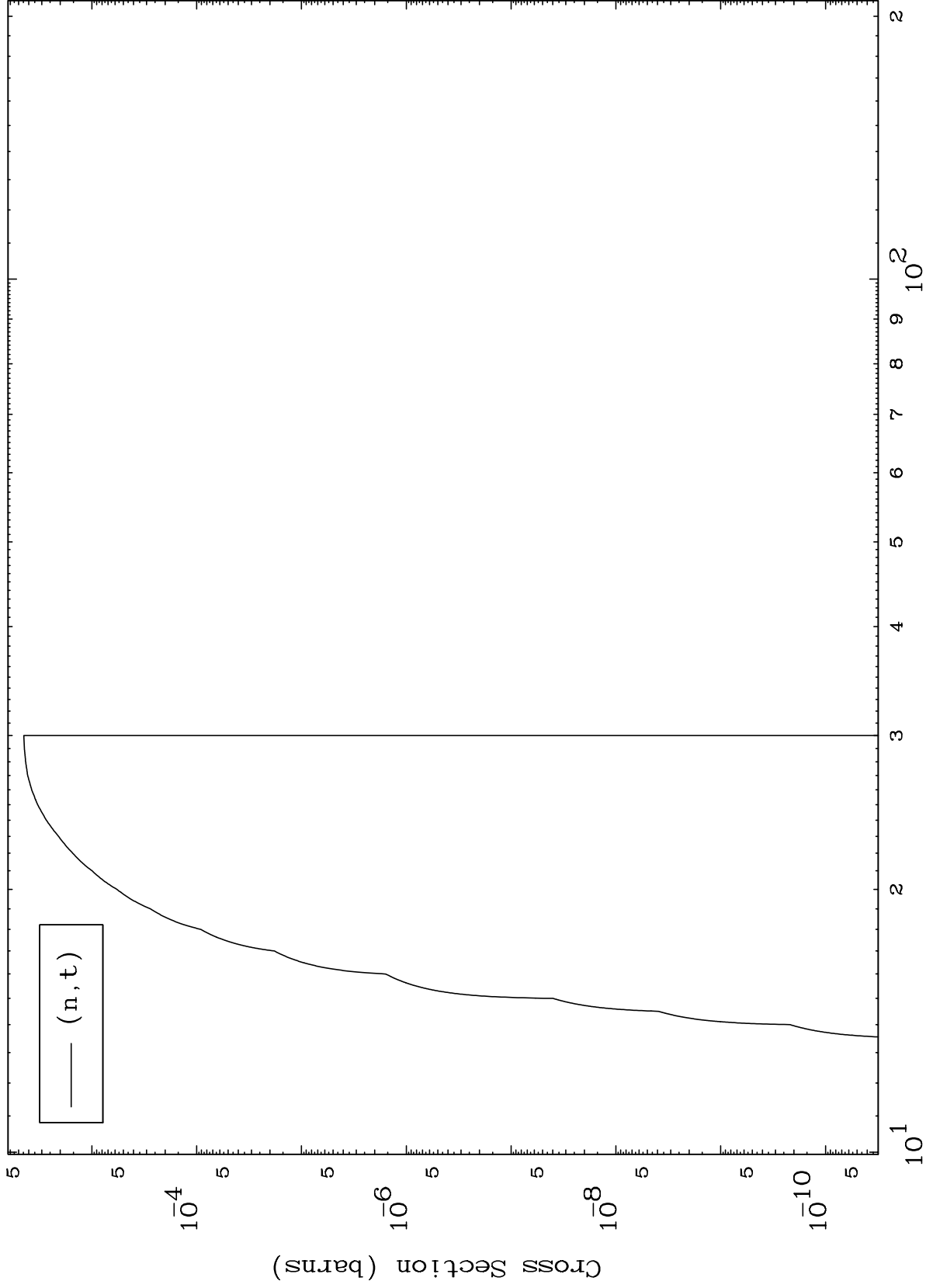
Incident Energy (MeV)

11

MAT 5043

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-118



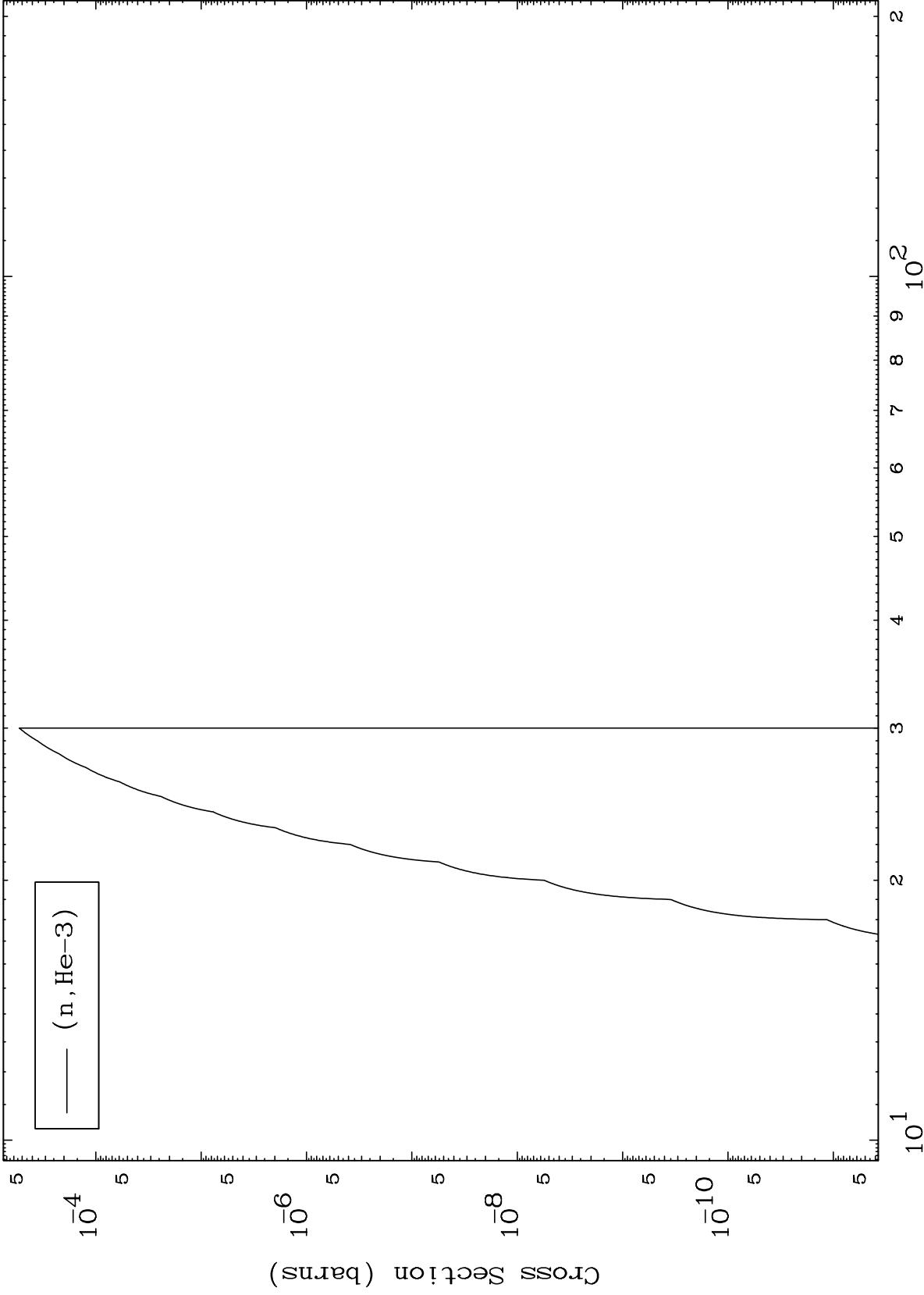
Incident Energy (MeV)

50-Sn-118

MAT 5043

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-118



13

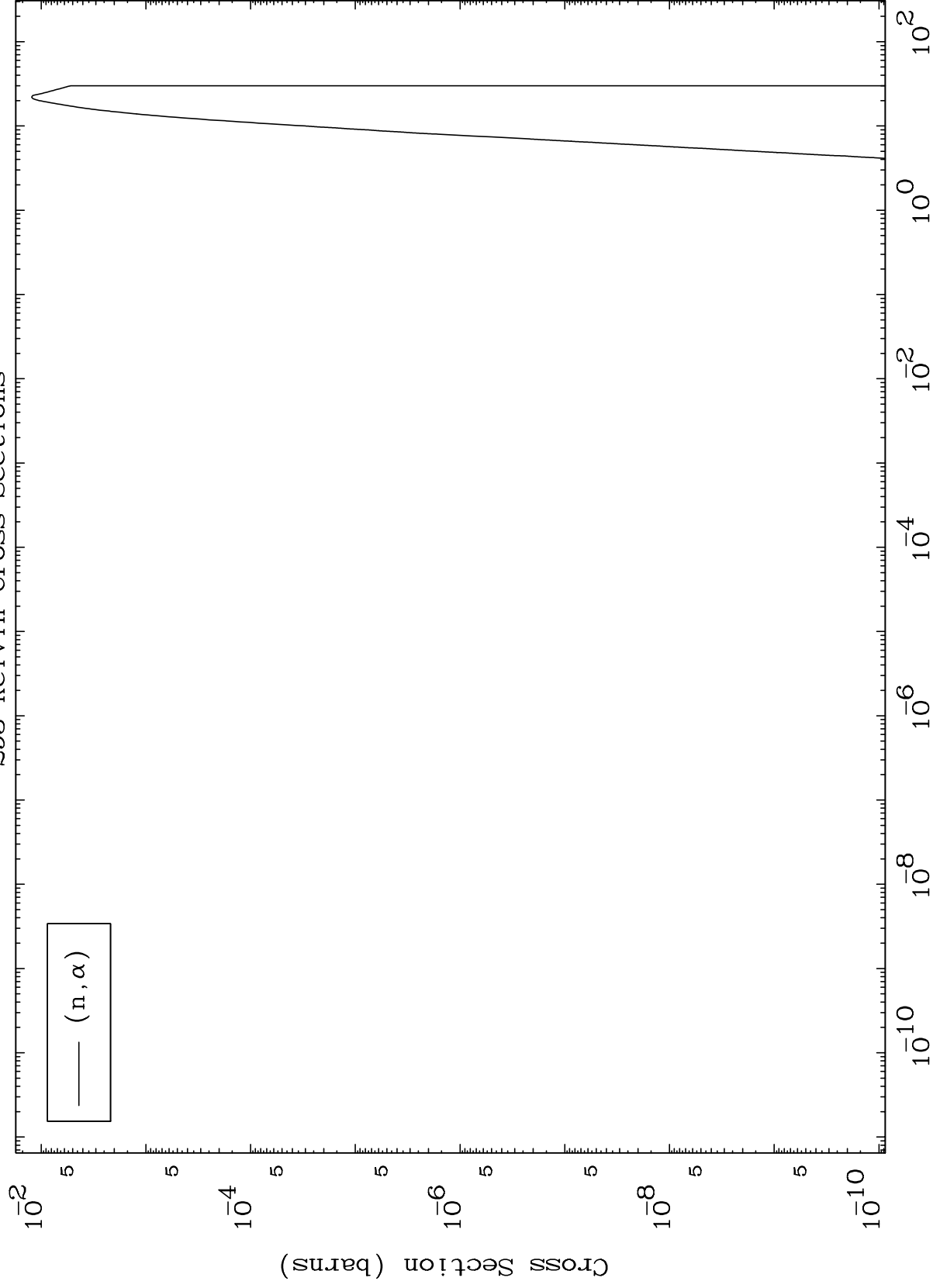
Incident Energy (MeV)

50-Sn-118

MAT 5043

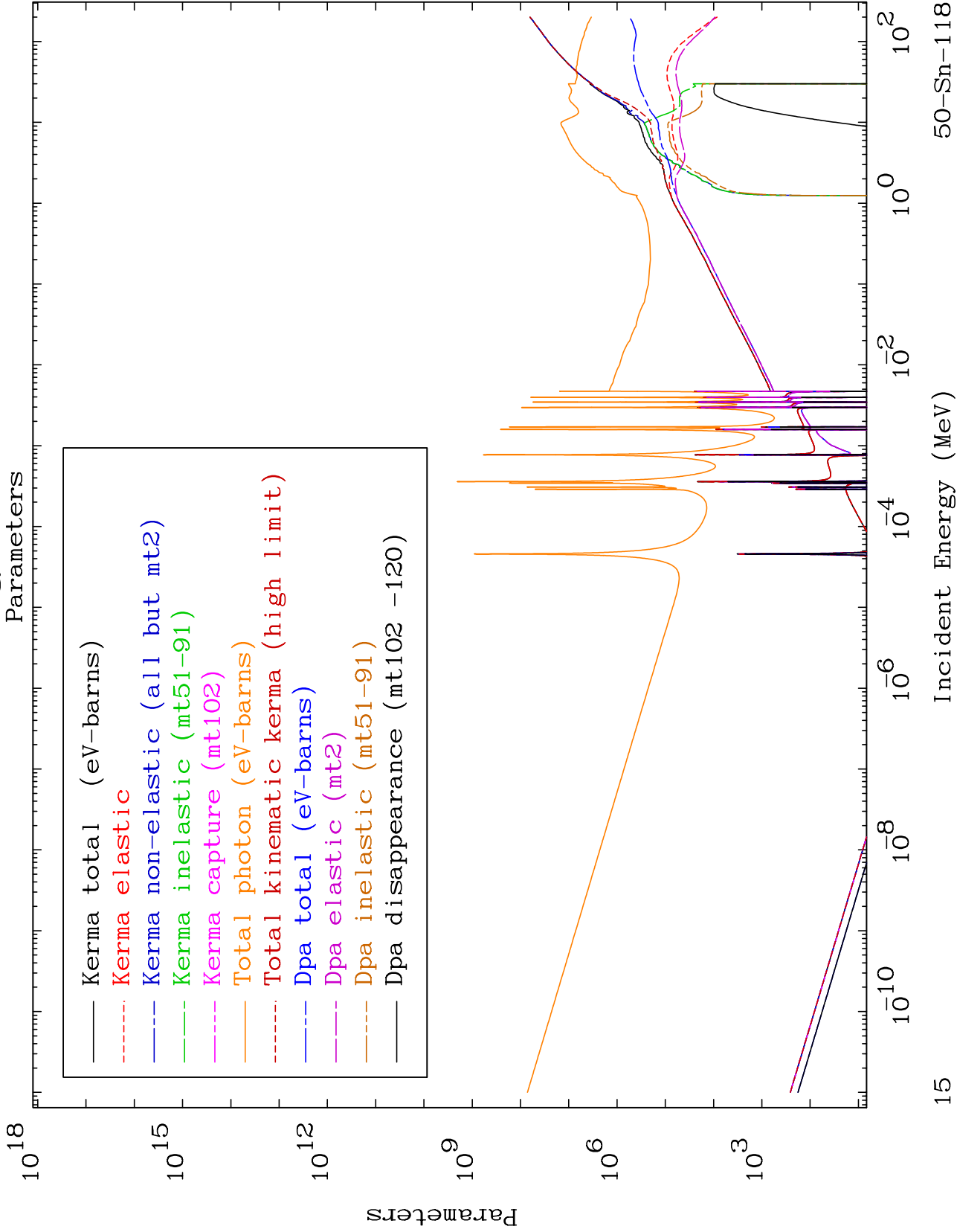
(n, α) Levels
293 Kelvin Cross Sections

50-Sn-118



50-Sn-118

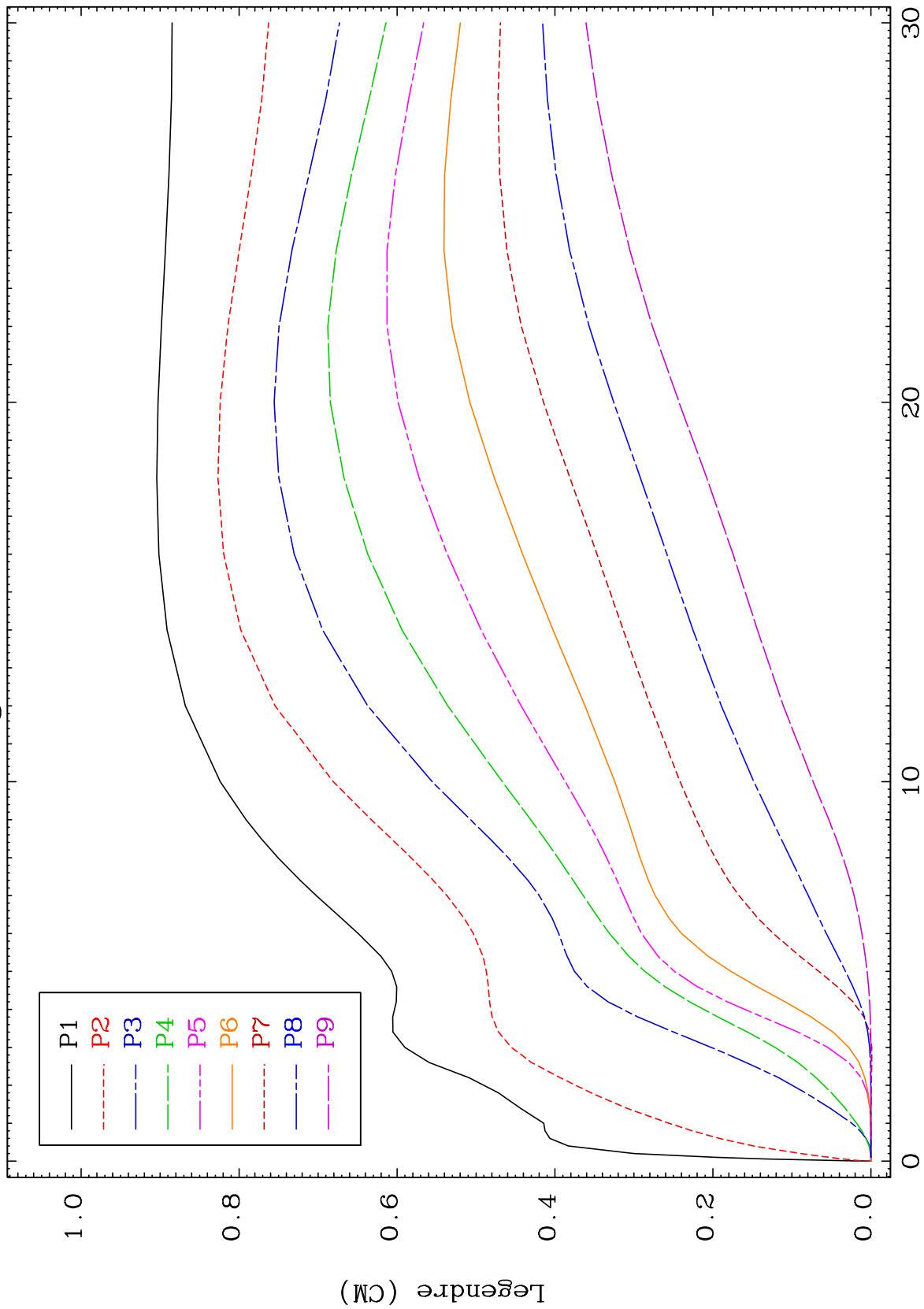
Incident Energy (MeV)



MAT 5043

Elastic Legendre Coefficients

50-Sn-118



16

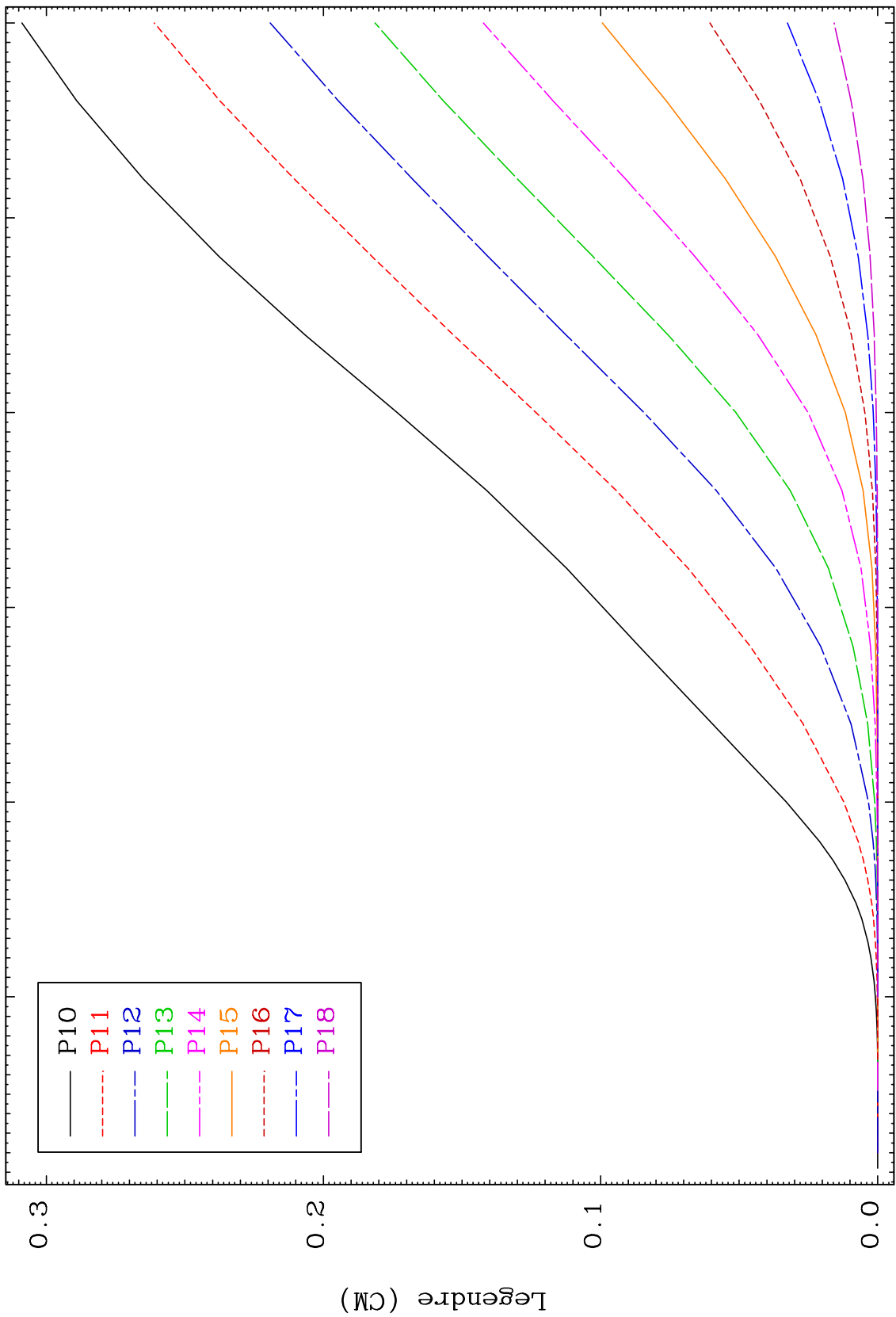
Incident Energy (MeV)

50-Sn-118

MAT 5043

Elastic Legendre Coefficients

50-Sn-118



17

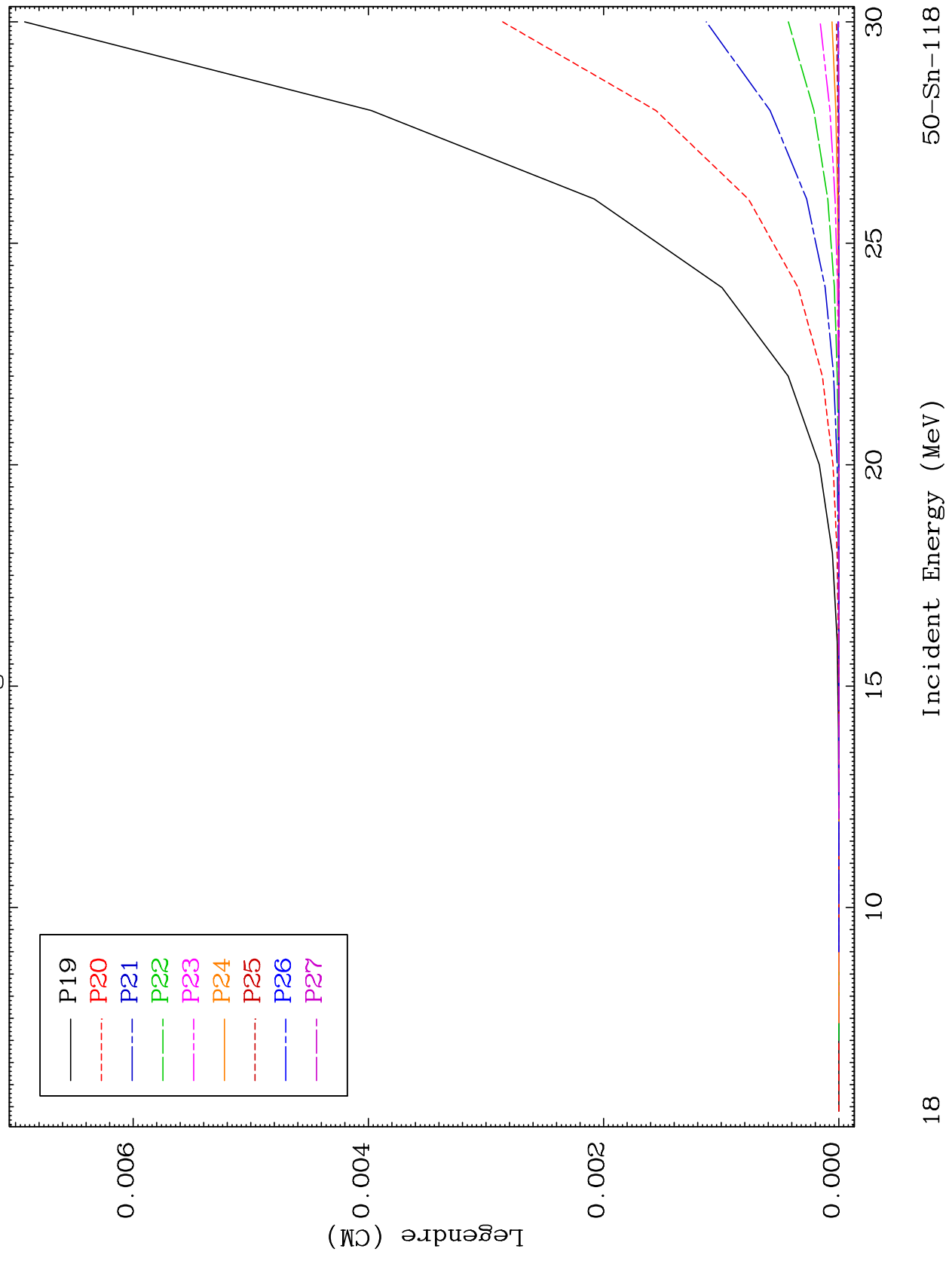
Incident Energy (MeV)

50-Sn-118

MAT 5043

Elastic Legendre Coefficients

50-Sn-118



18

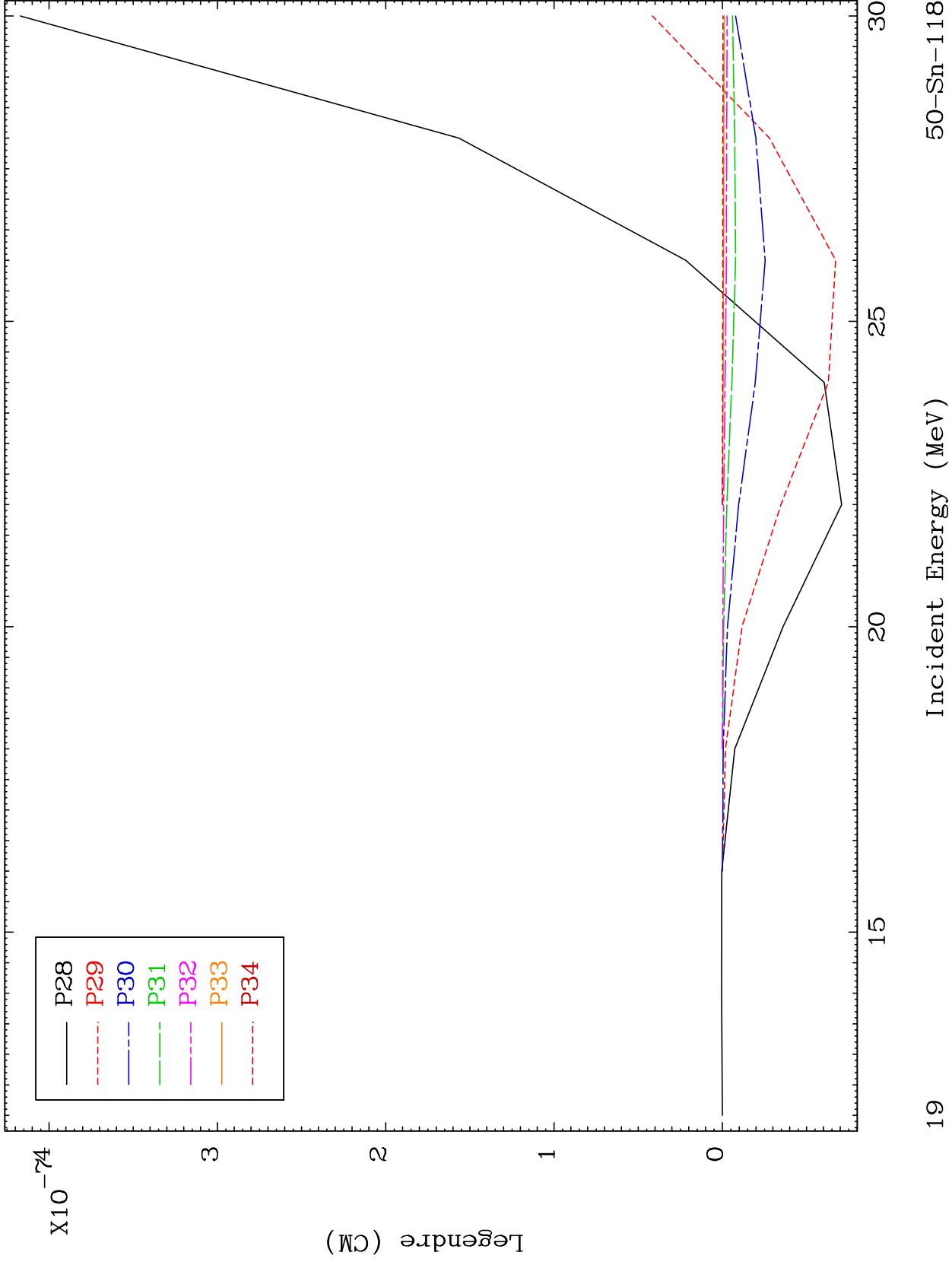
Incident Energy (MeV)

50-Sn-118

MAT 5043

Elastic Legendre Coefficients

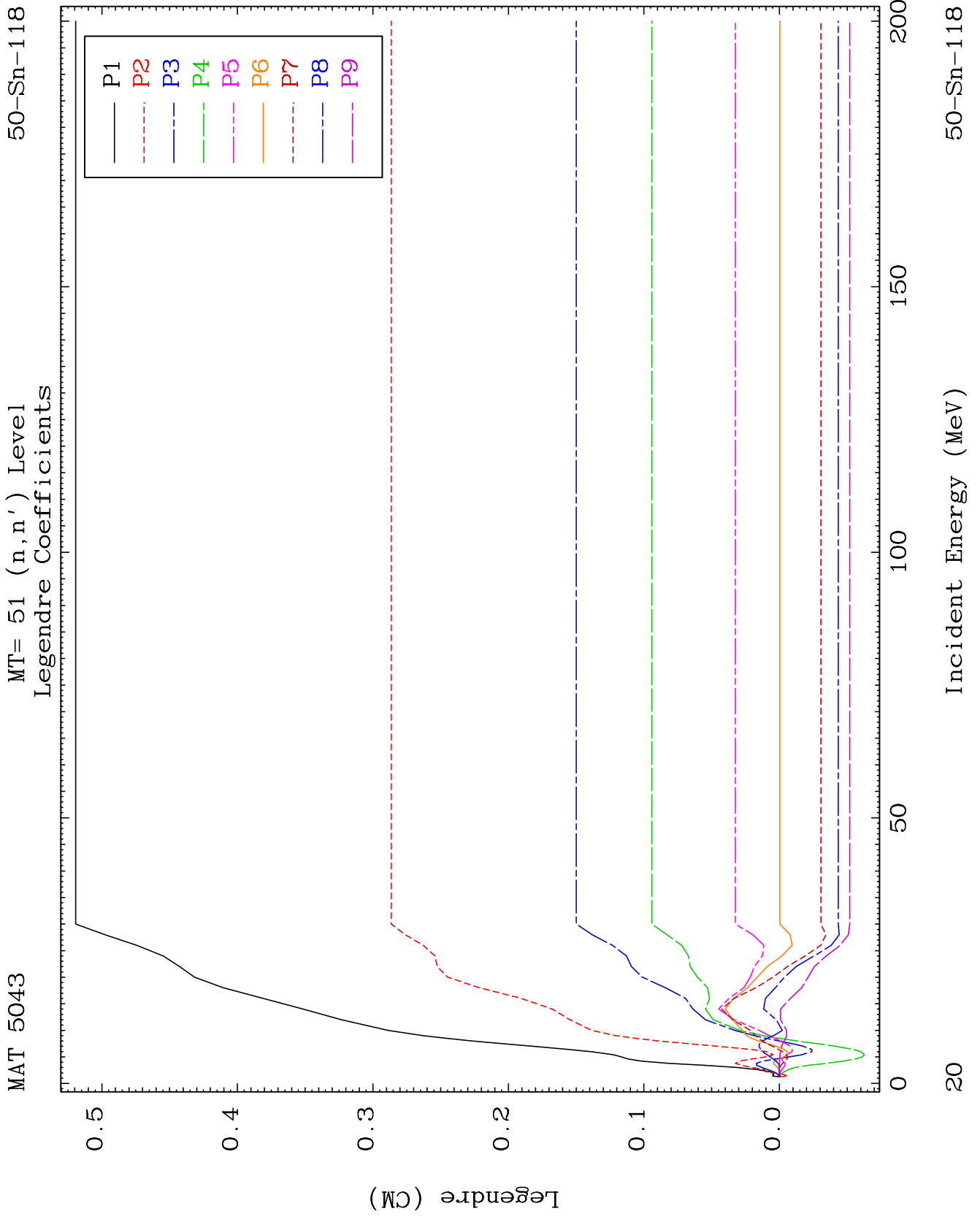
50-Sn-118

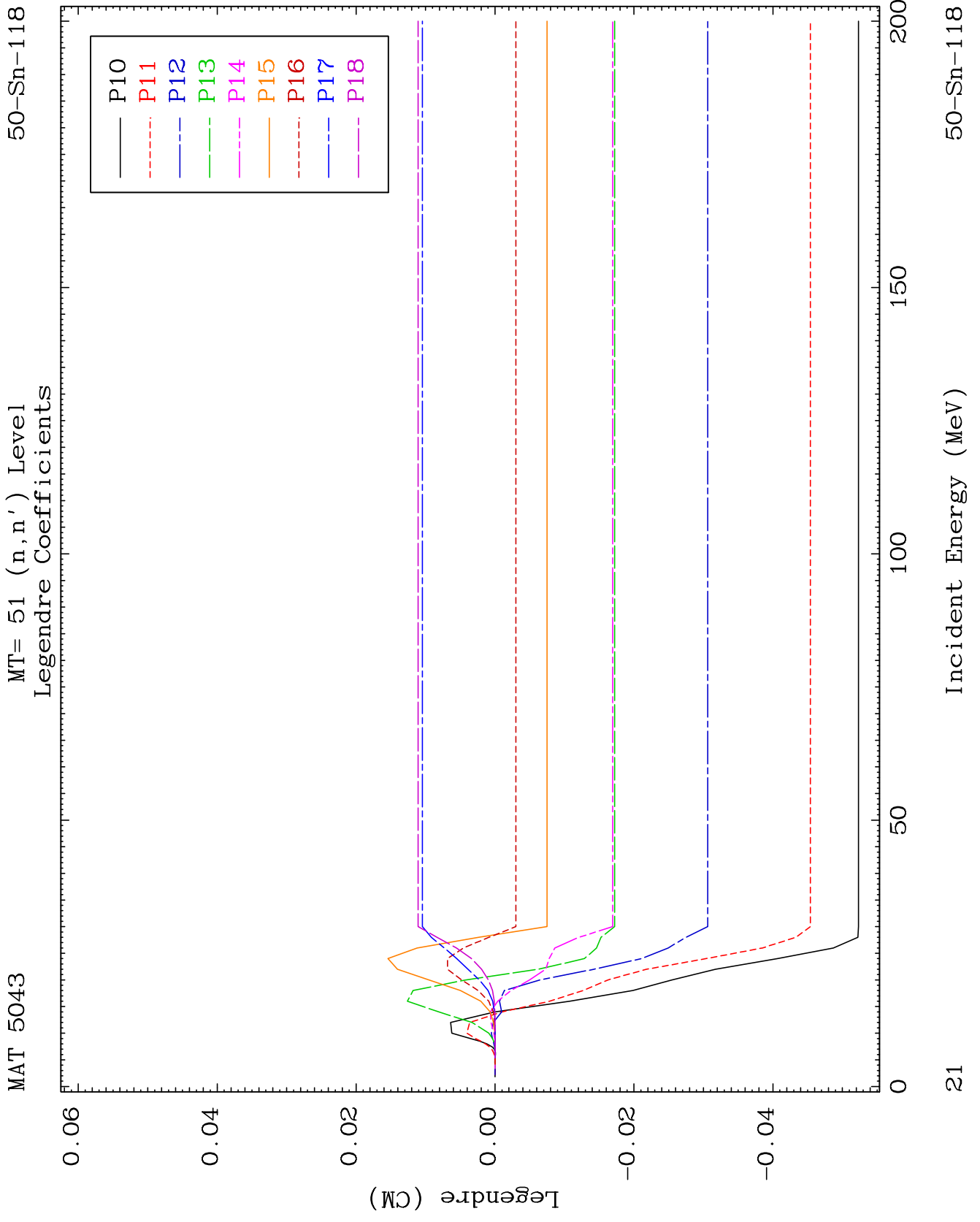


19

Incident Energy (MeV)

50-Sn-118

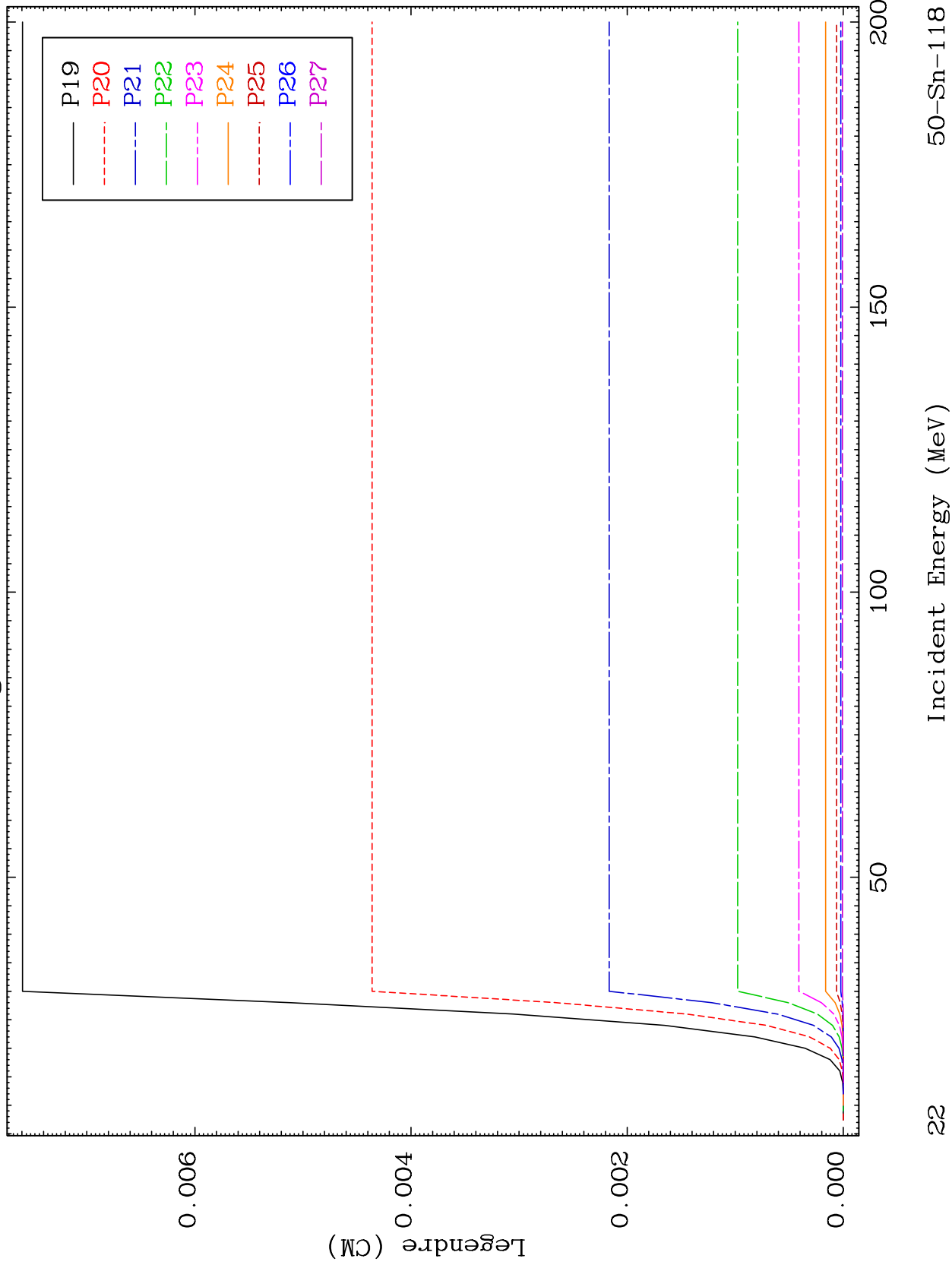




MAT 5043

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

50-Sn-118



22

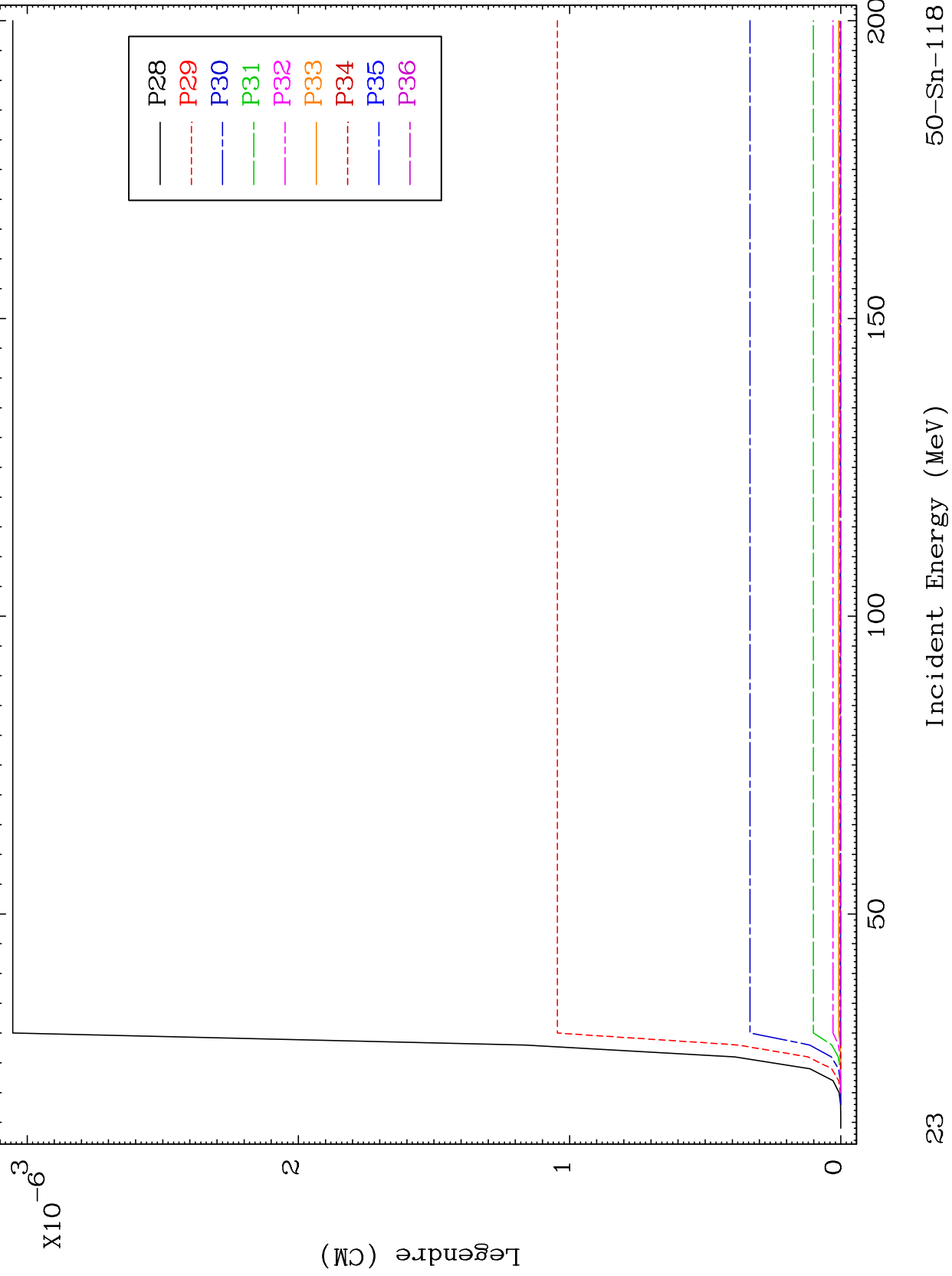
Incident Energy (MeV)

50-Sn-118

MAT 5043

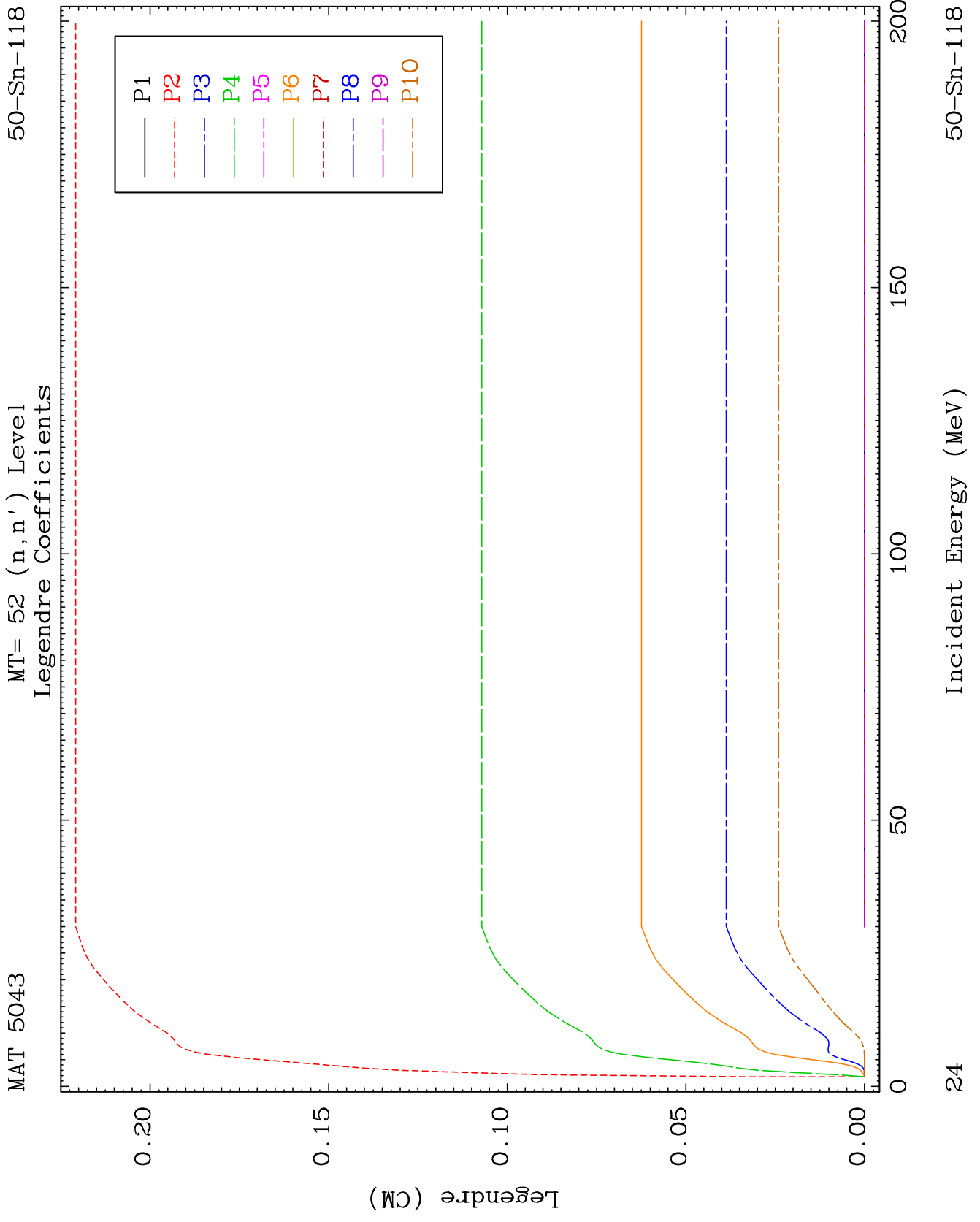
MT= 51 (n,n') Level
Legendre Coefficients

50-Sn-118



23

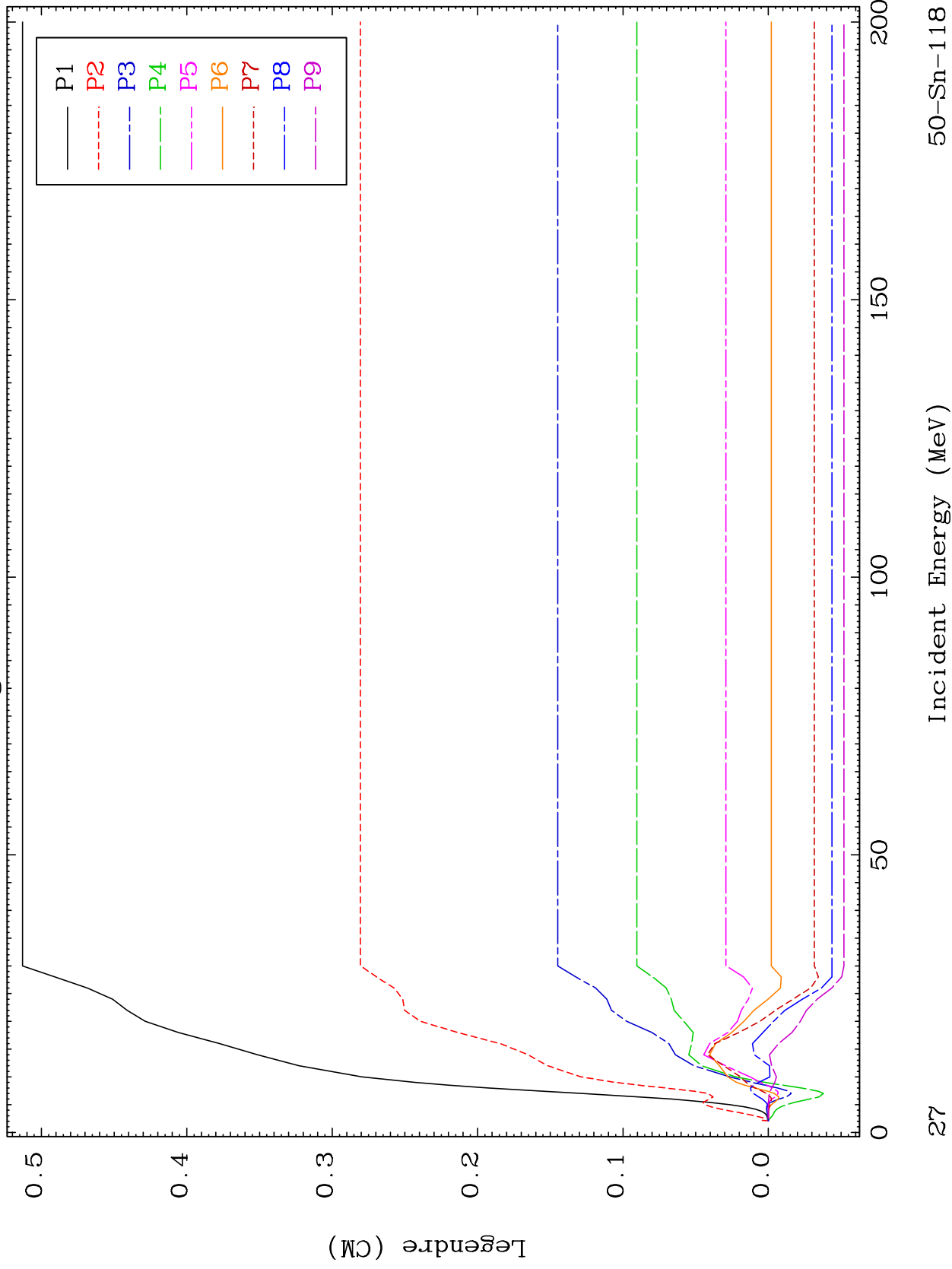
50-Sn-118



MAT 5043

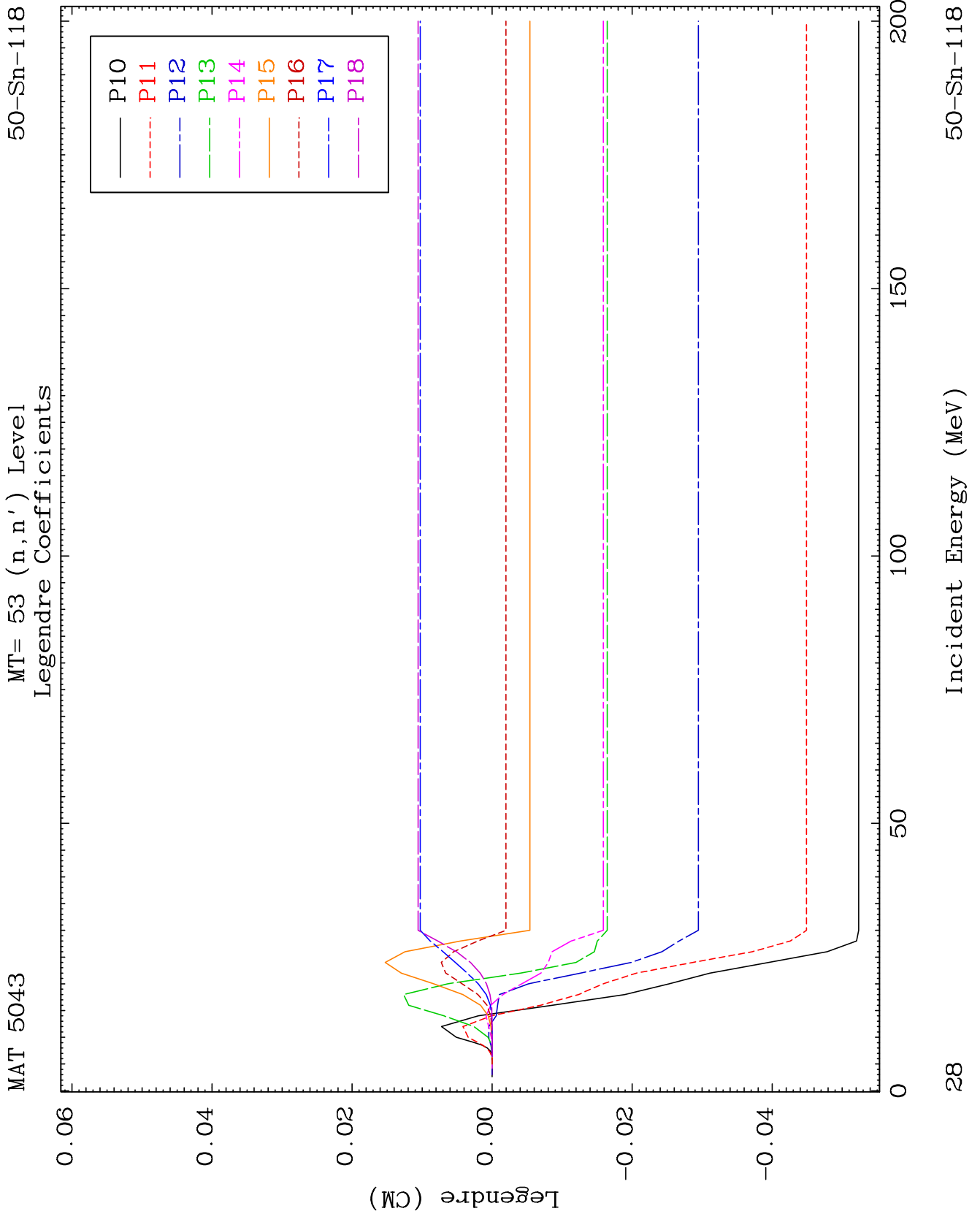
MT= 53 (n,n') Level
Legendre Coefficients

50-Sn-118



27

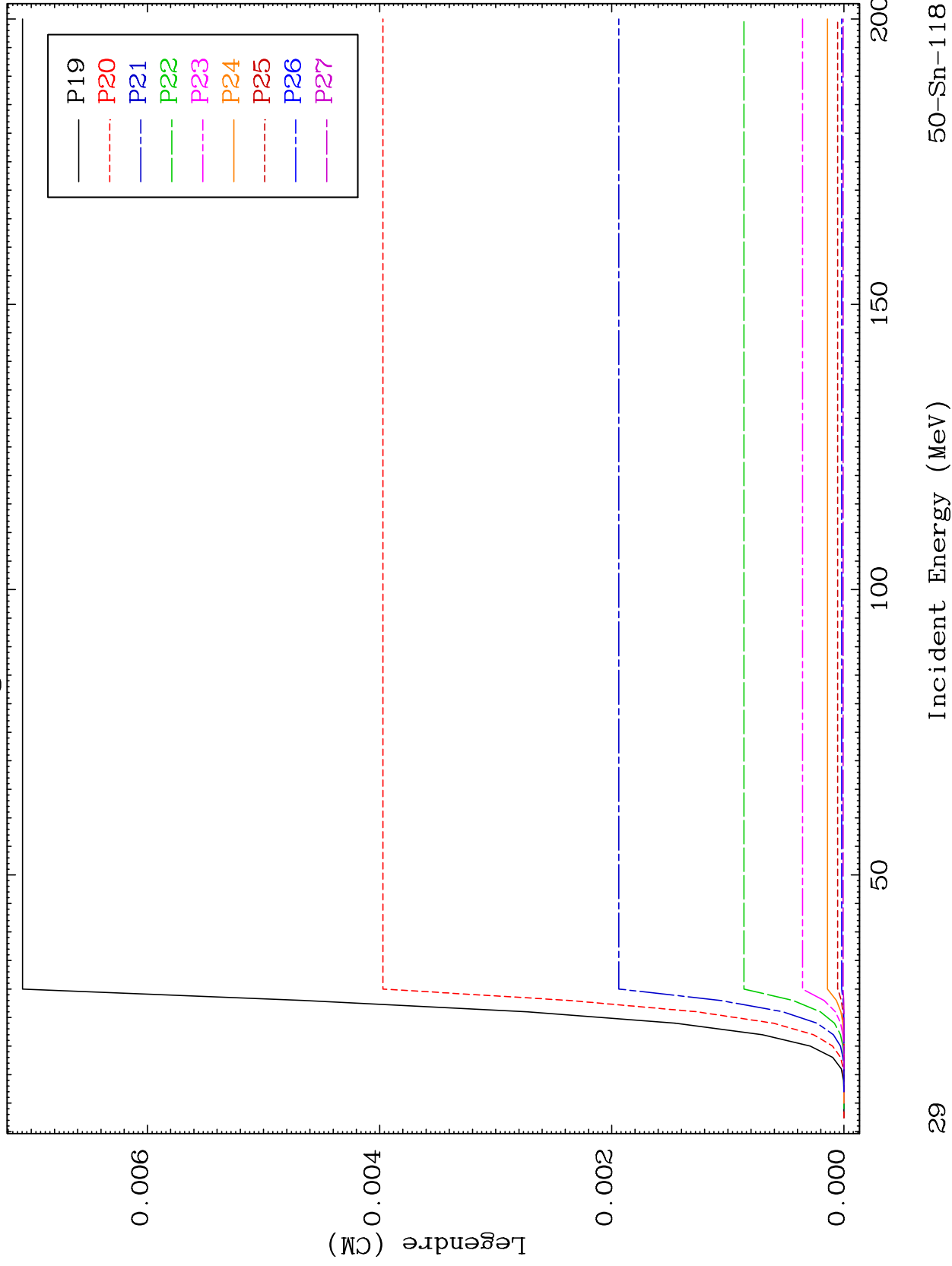
50-Sn-118



MAT 5043

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

50-Sn-118



29

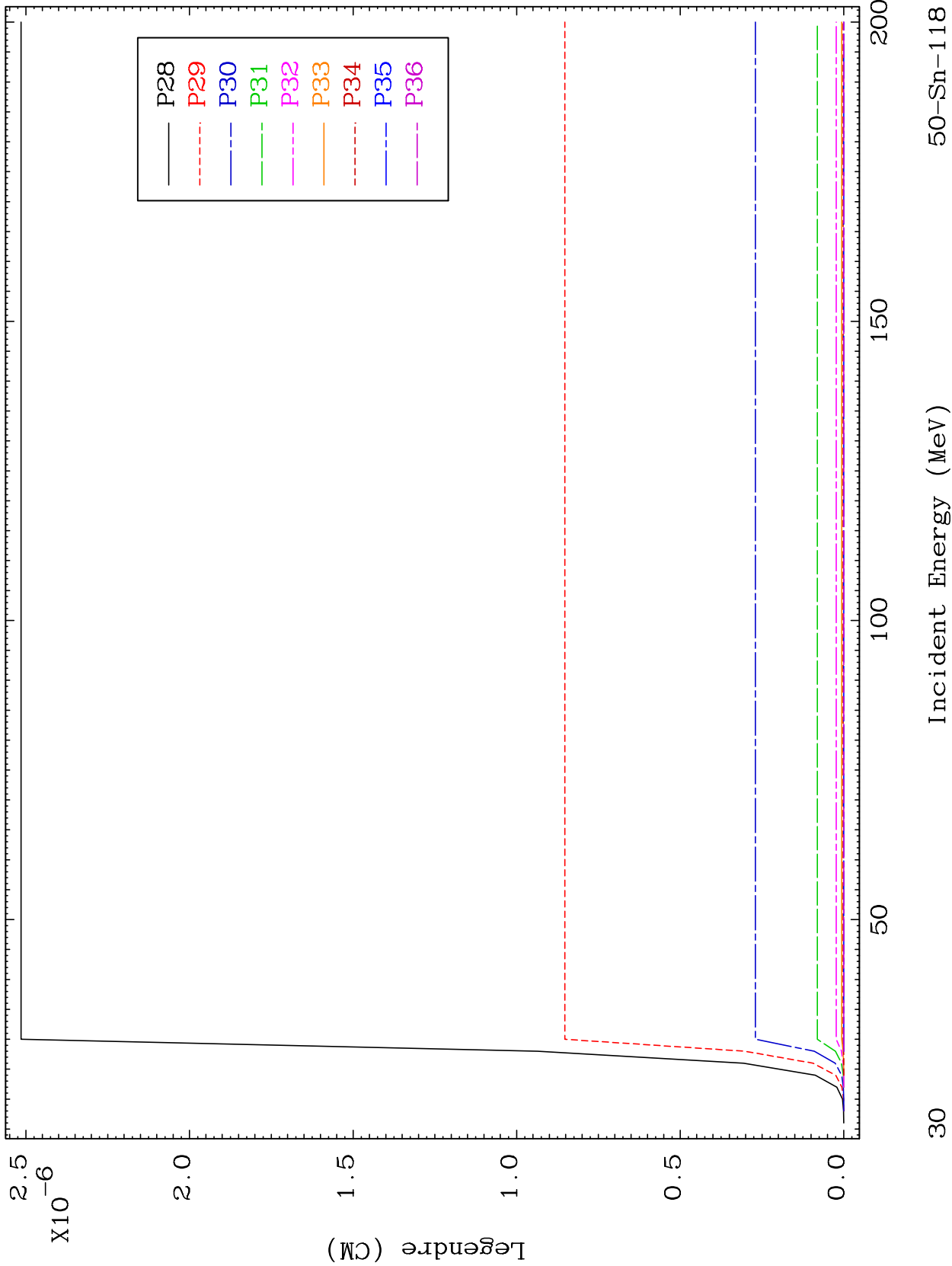
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

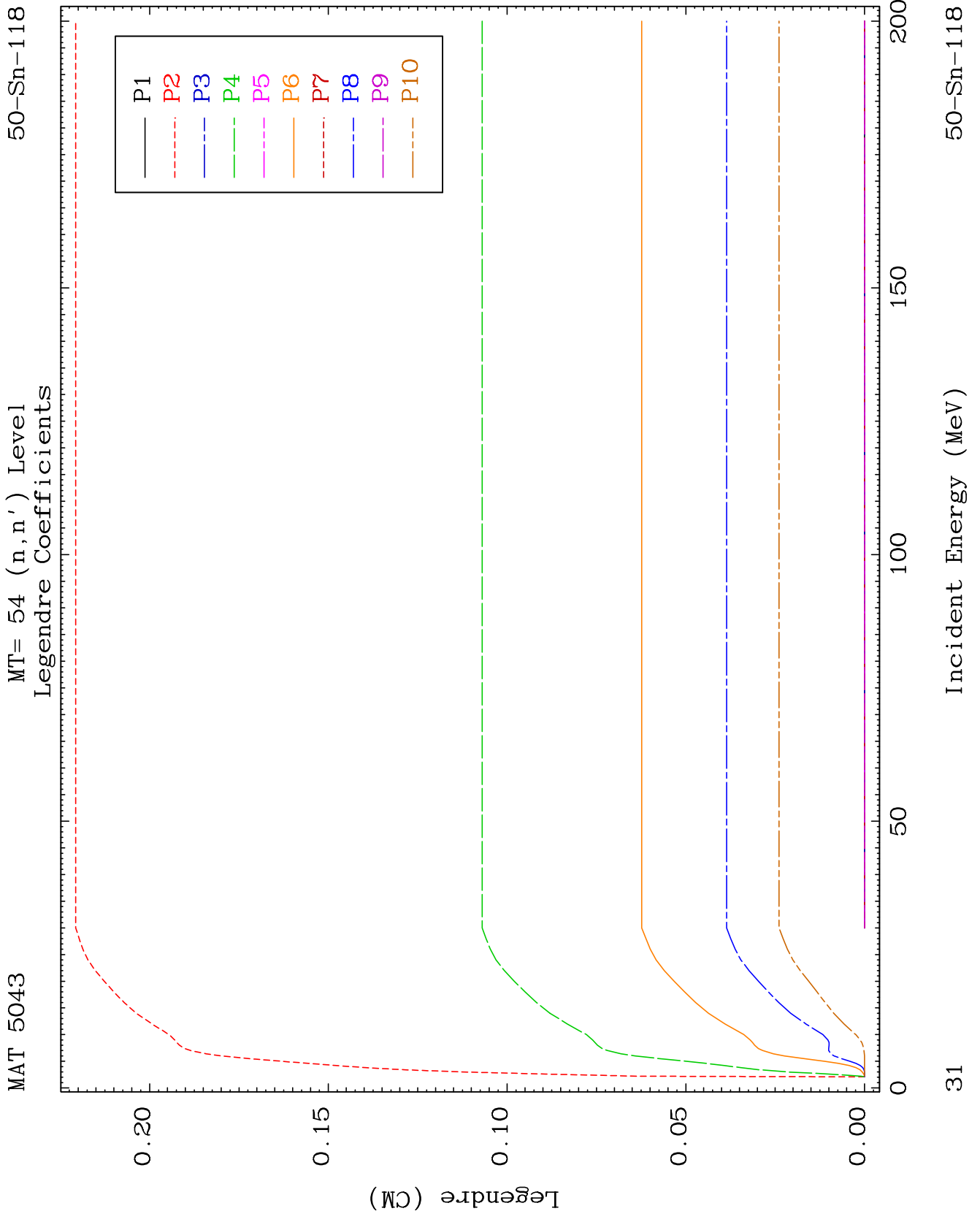
50-Sn-118

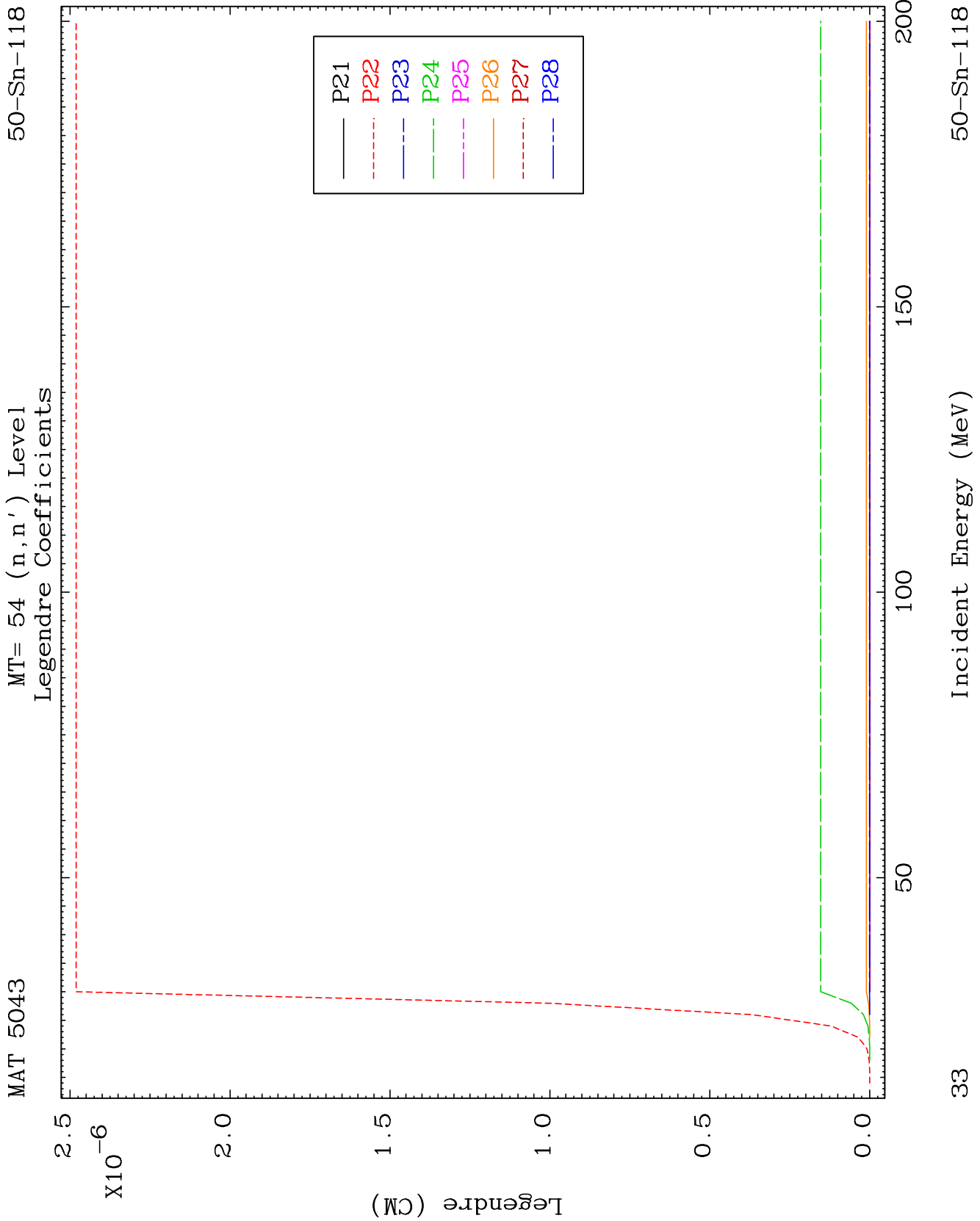


50-Sn-118

Incident Energy (MeV)

30

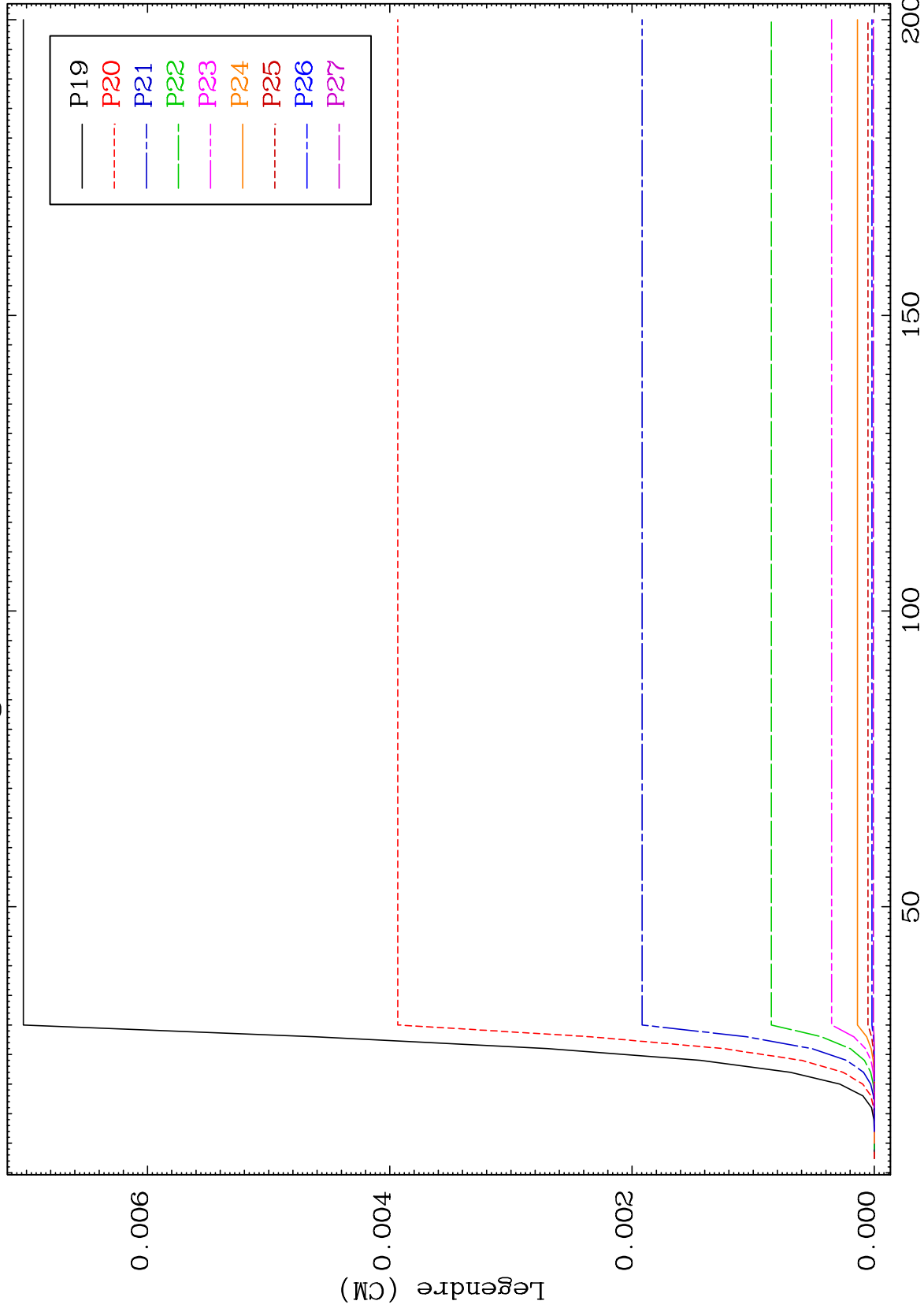




MAT 5043

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

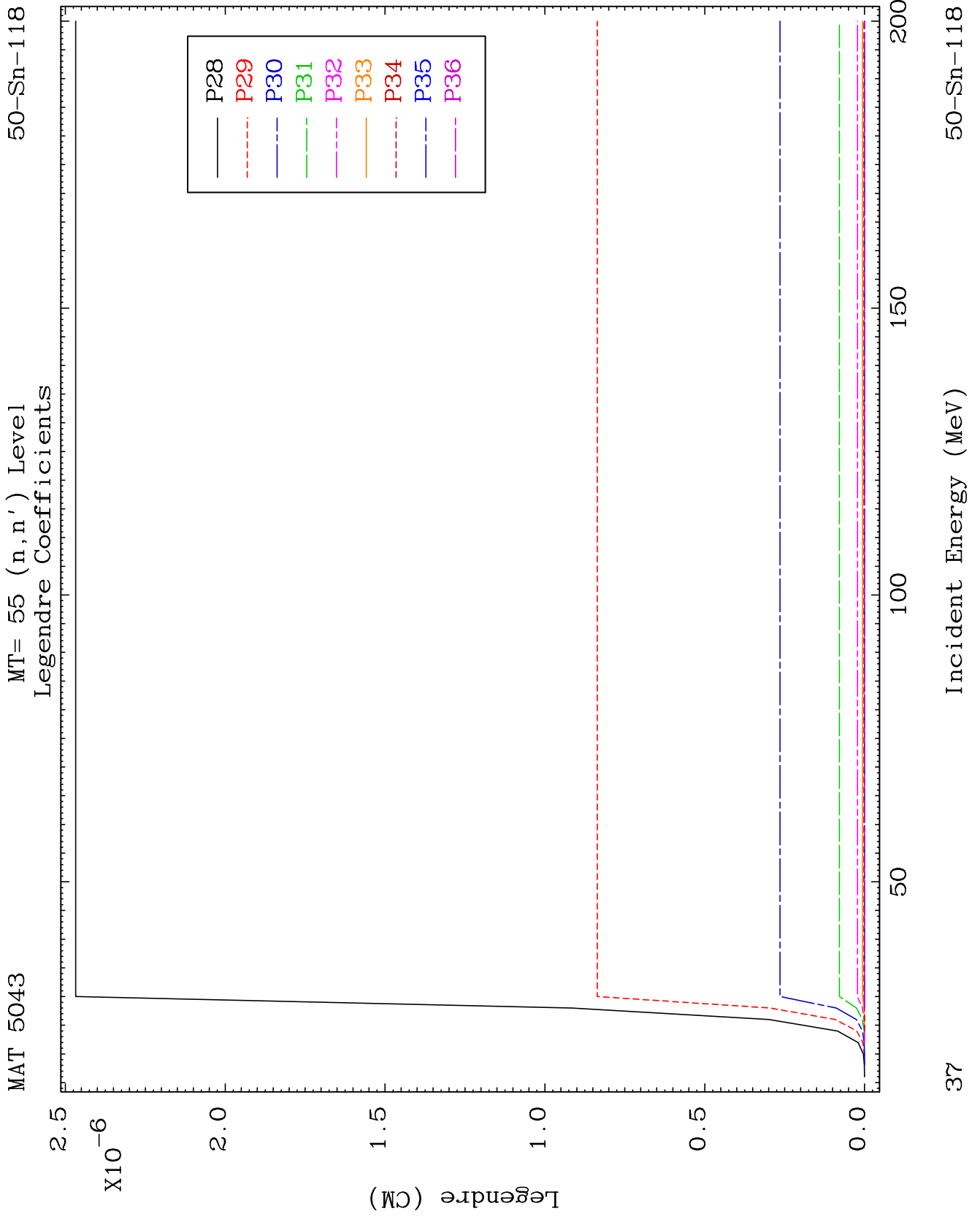
50-Sn-118



36

Incident Energy (MeV)

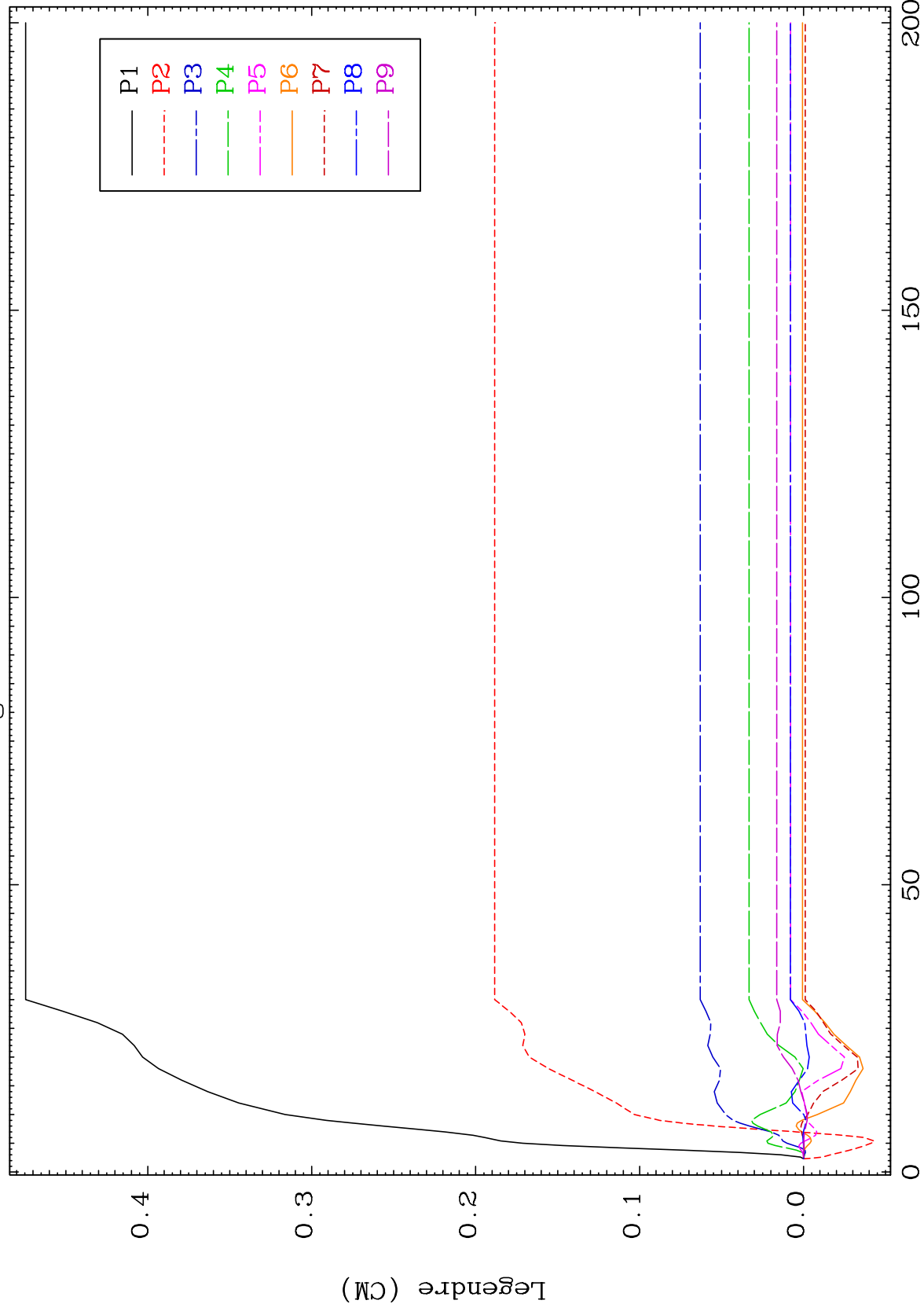
50-Sn-118



MAT 5043

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

50-Sn-118



50-Sn-118

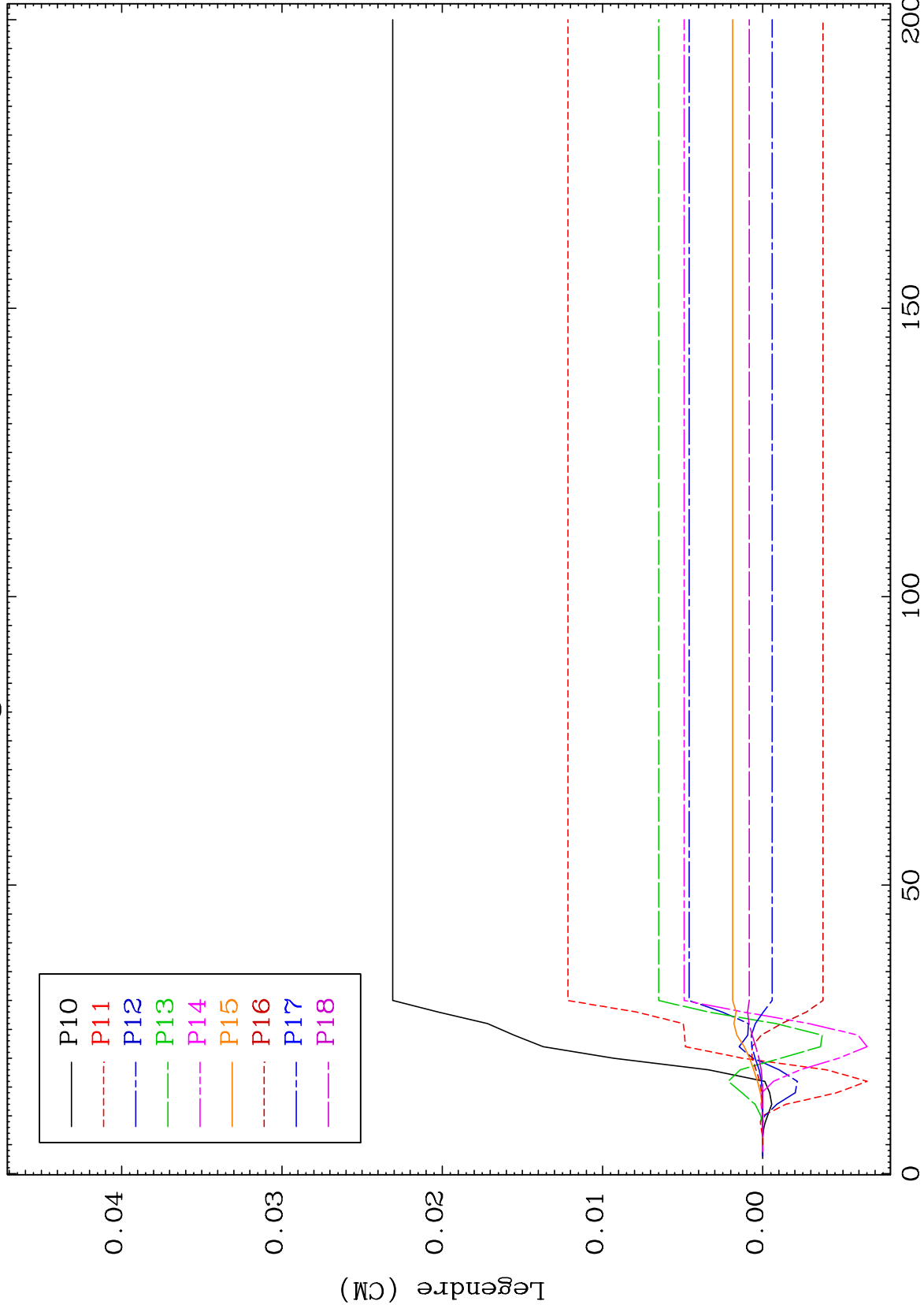
Incident Energy (MeV)

38

MAT 5043

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

50-Sn-118



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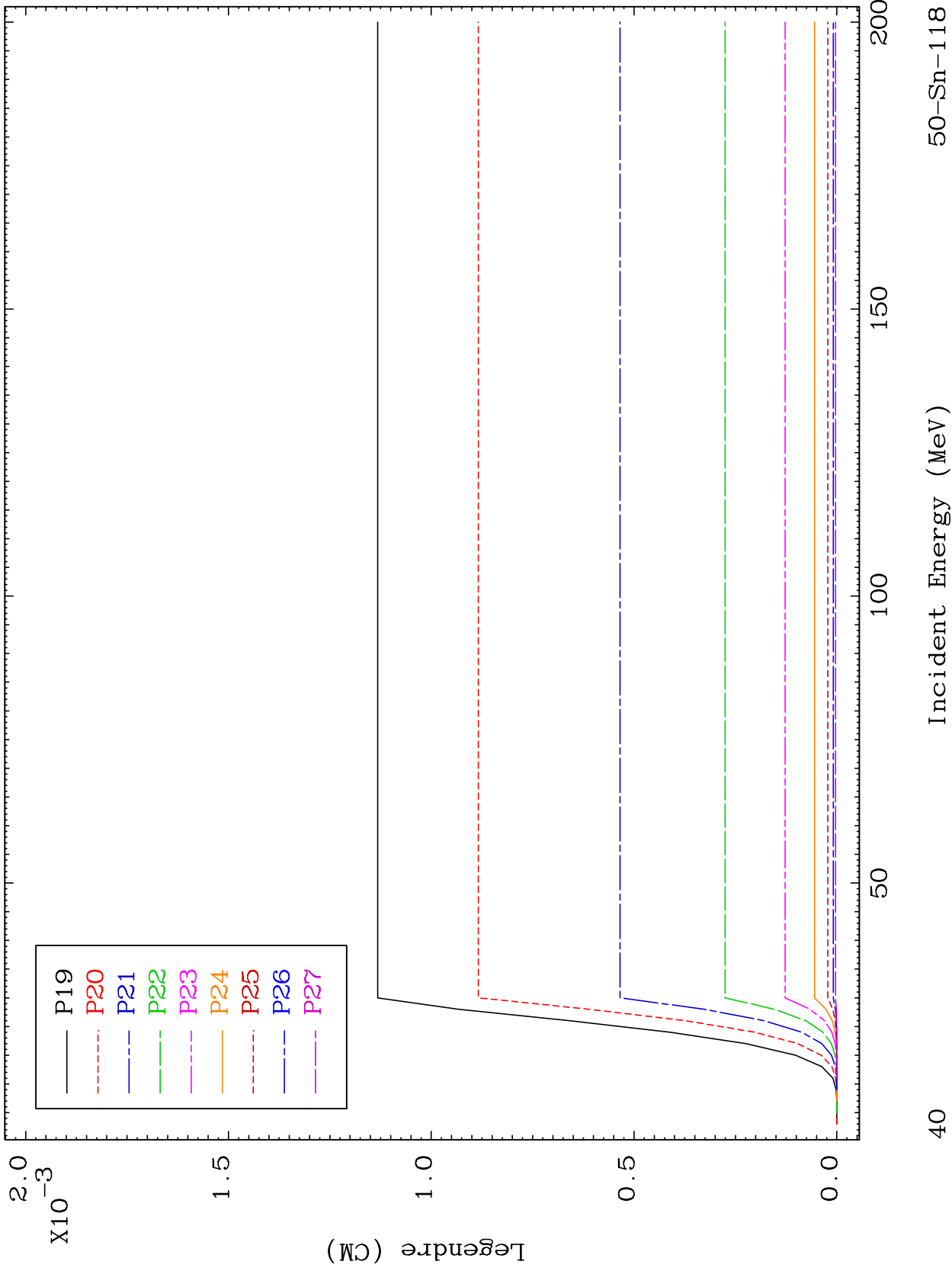
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

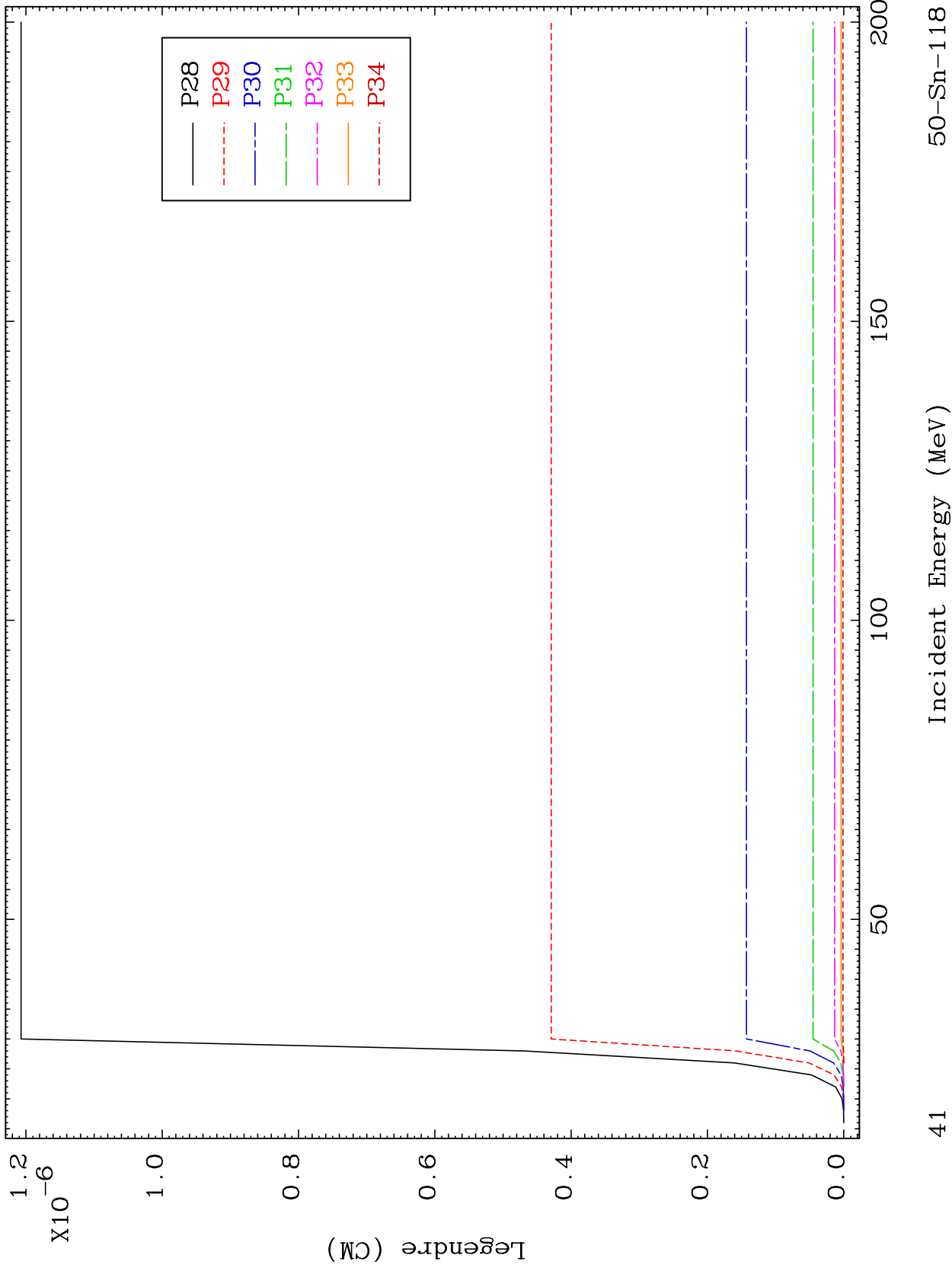
50-Sn-118



MAT 5043

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

50-Sn-118



41

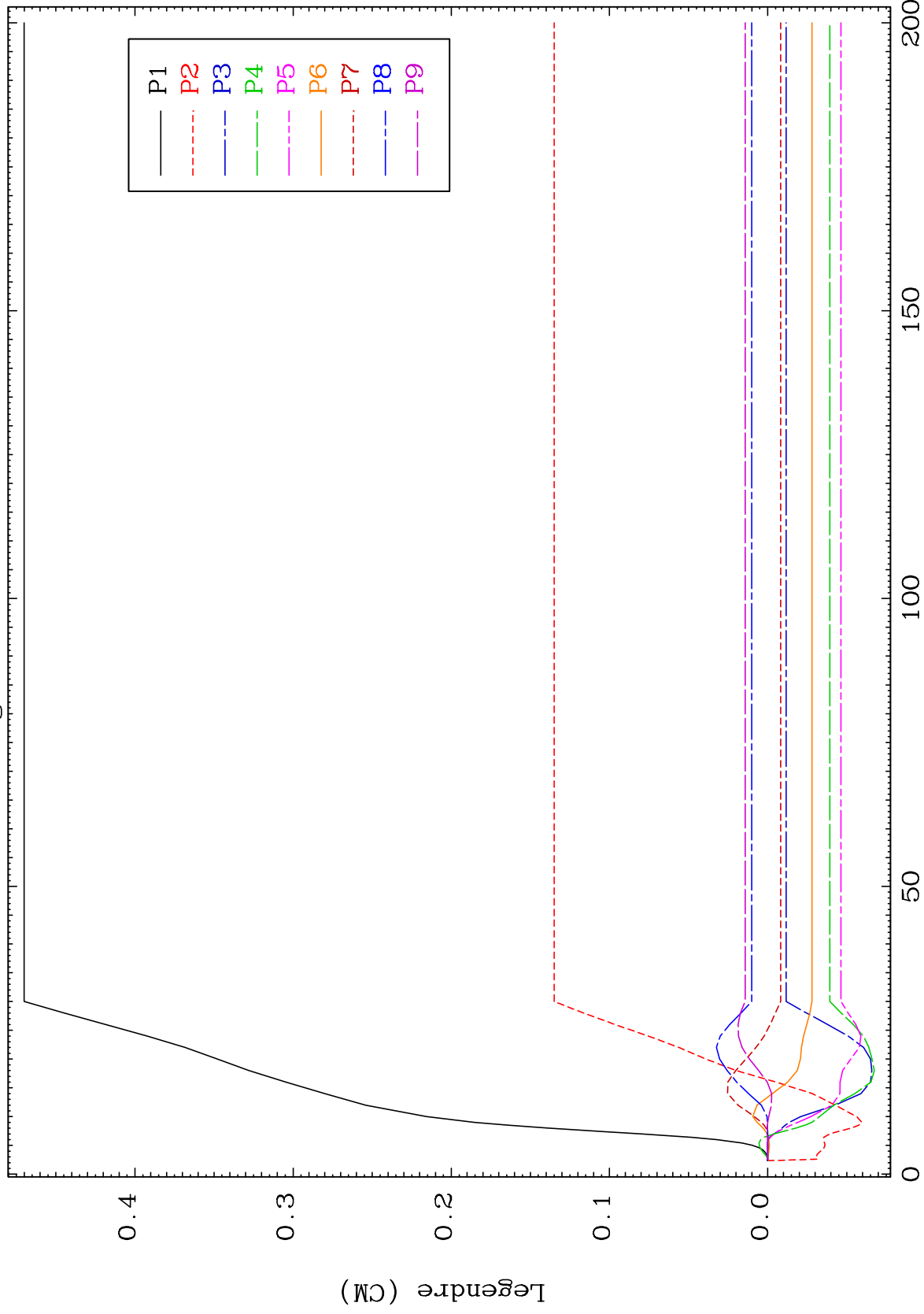
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



42

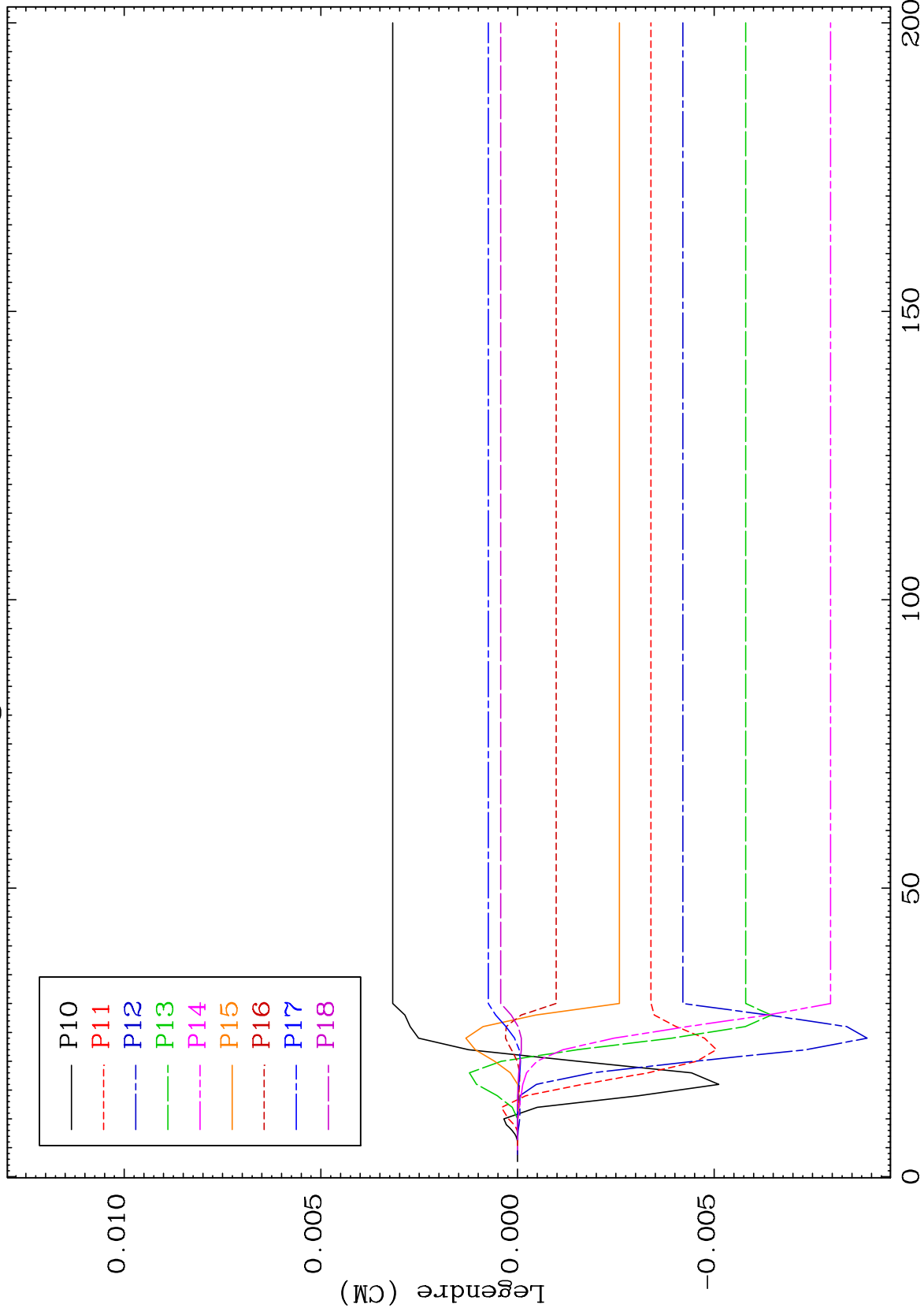
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



43

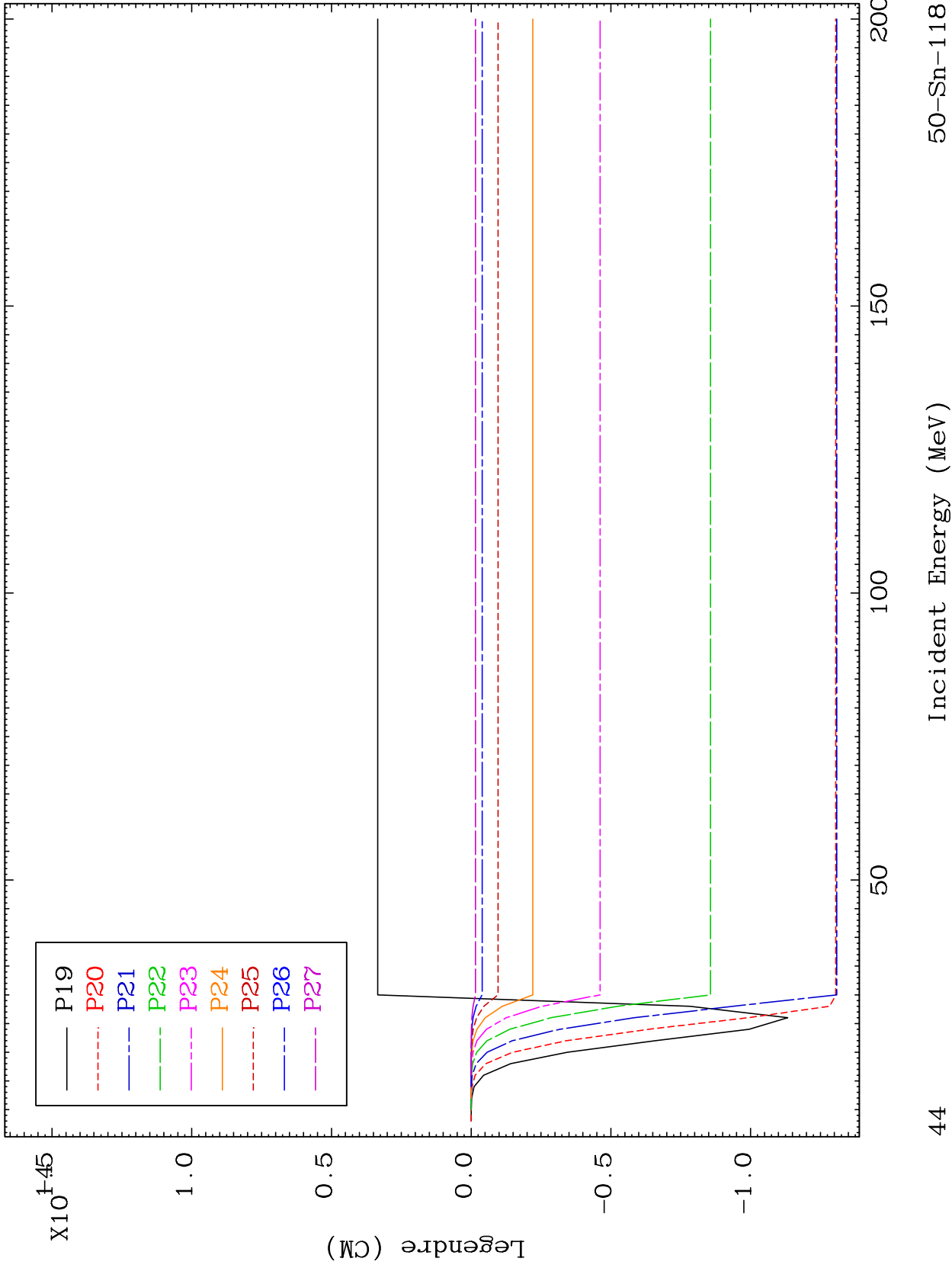
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118

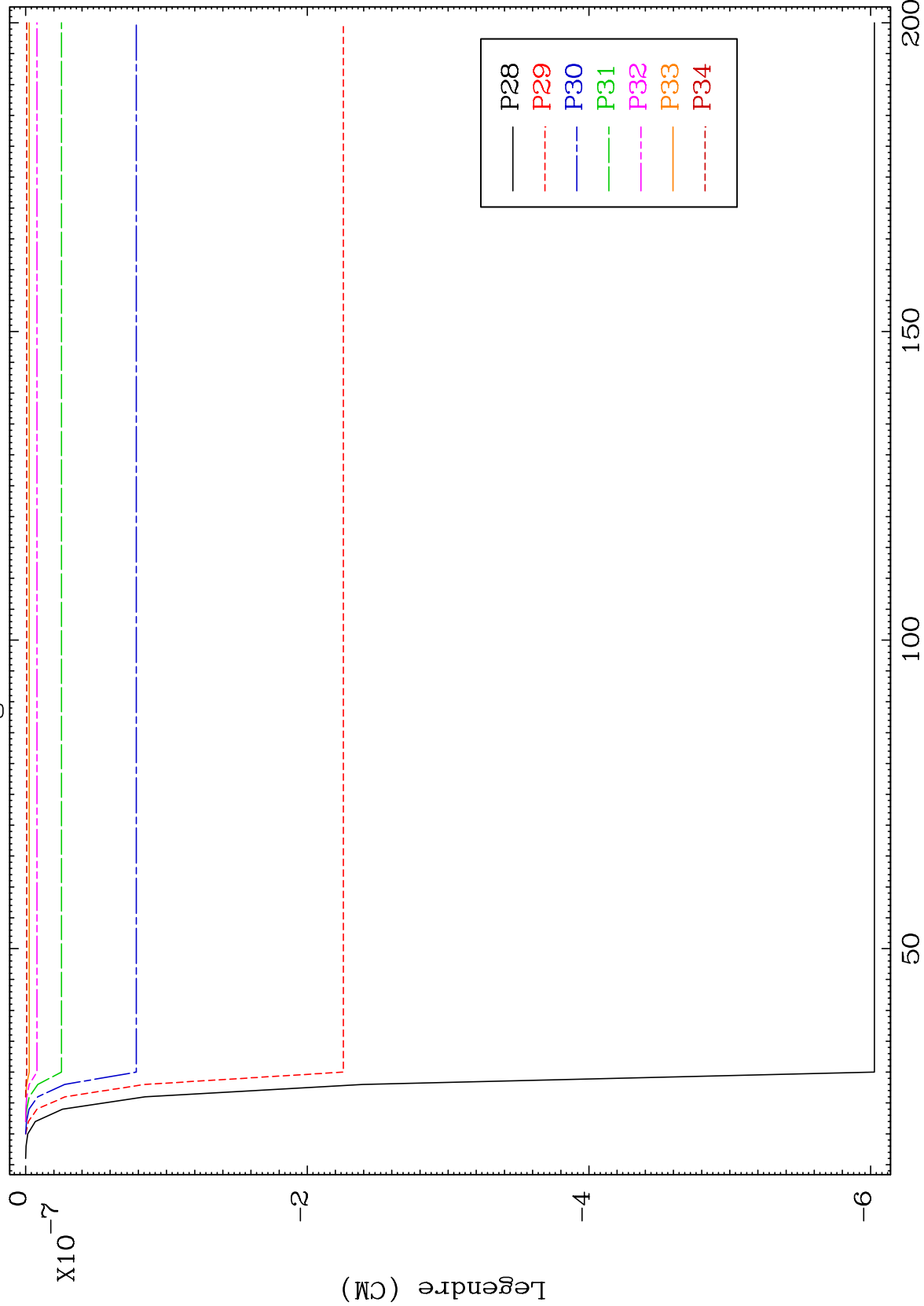


MAT 5043

MT= 57 (n,n') Level

50-Sn-118

Legendre Coefficients



50-Sn-118

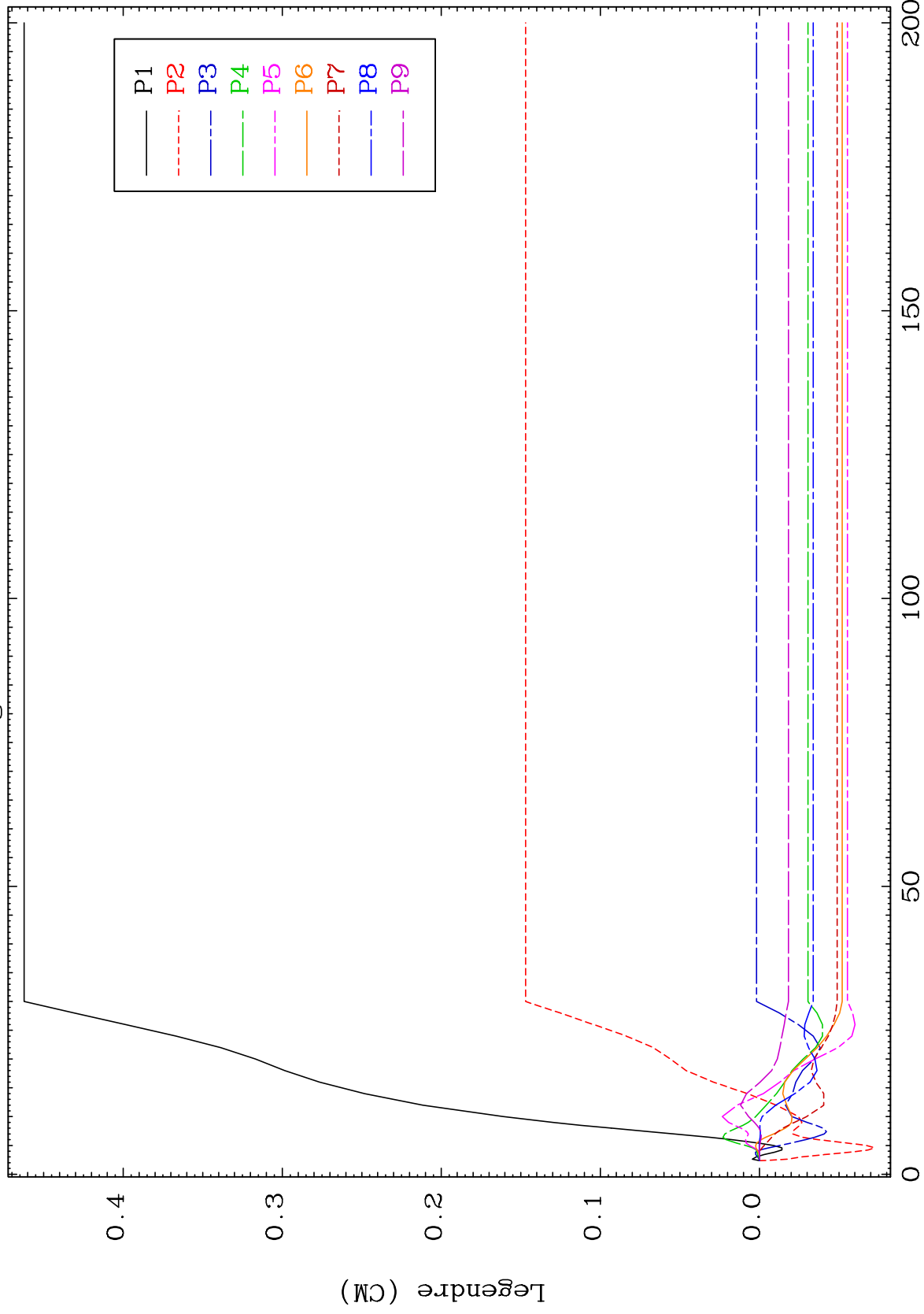
Incident Energy (MeV)

45

MAT 5043

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

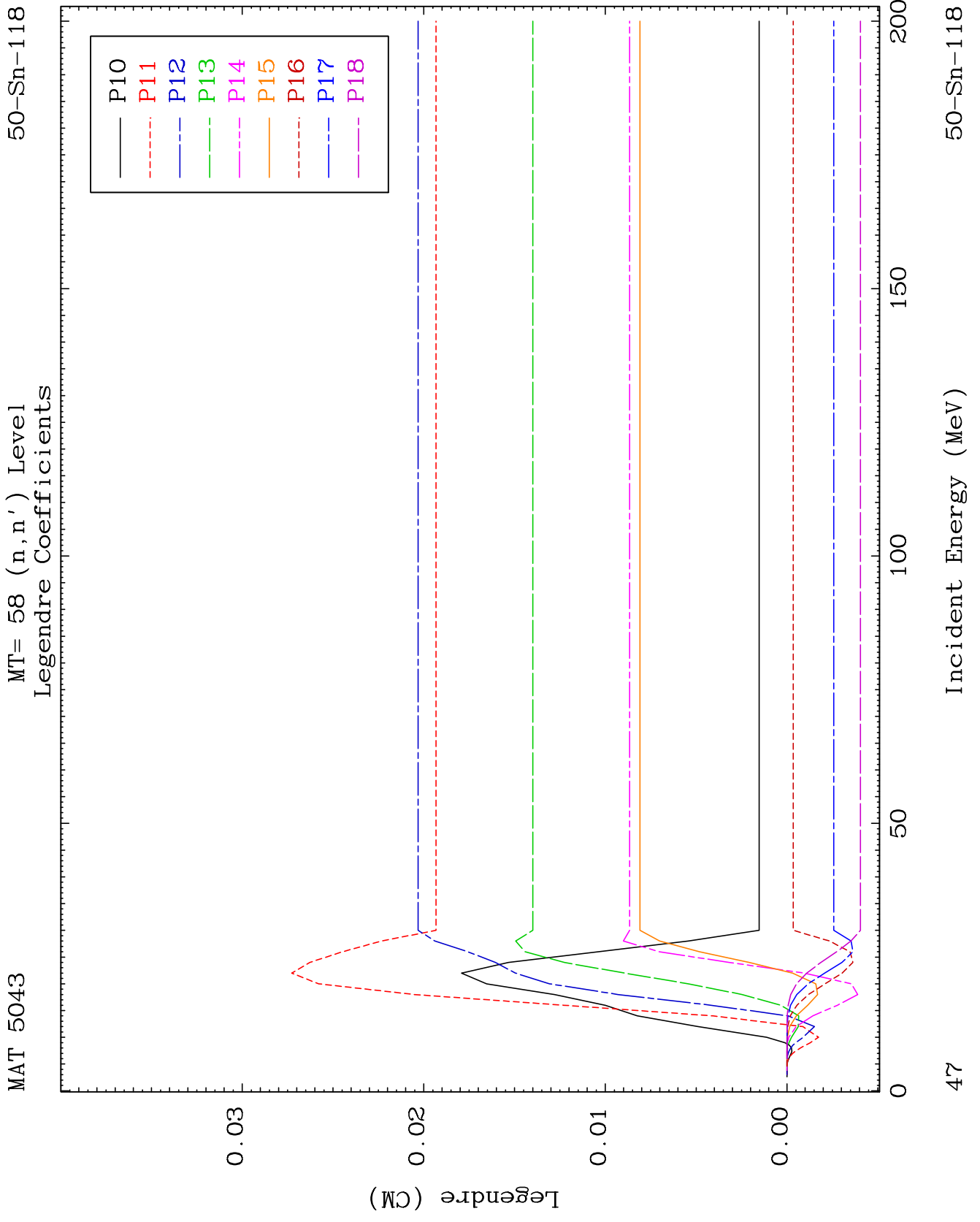
50-Sn-118



46

Incident Energy (MeV)

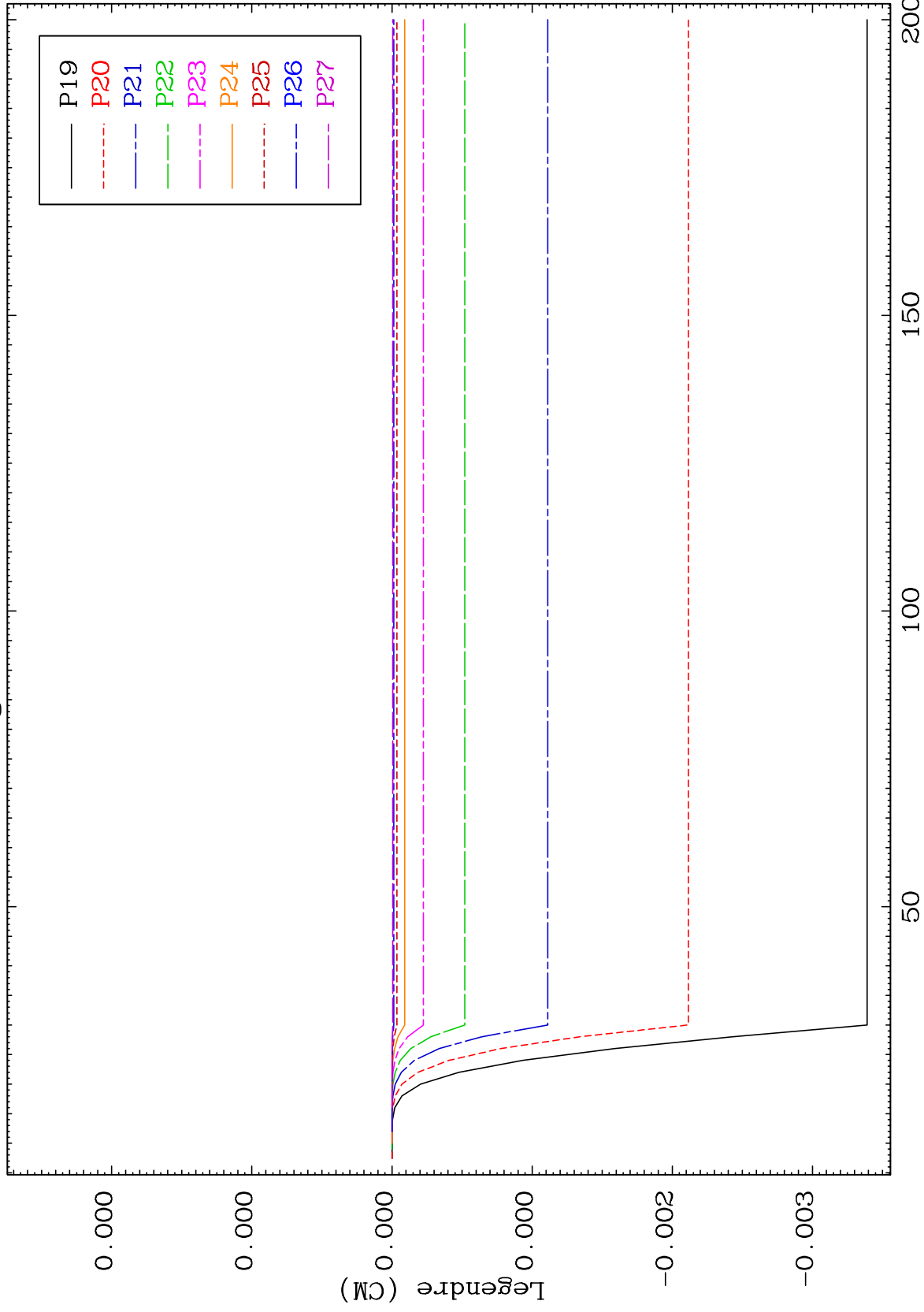
50-Sn-118



MAT 5043

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

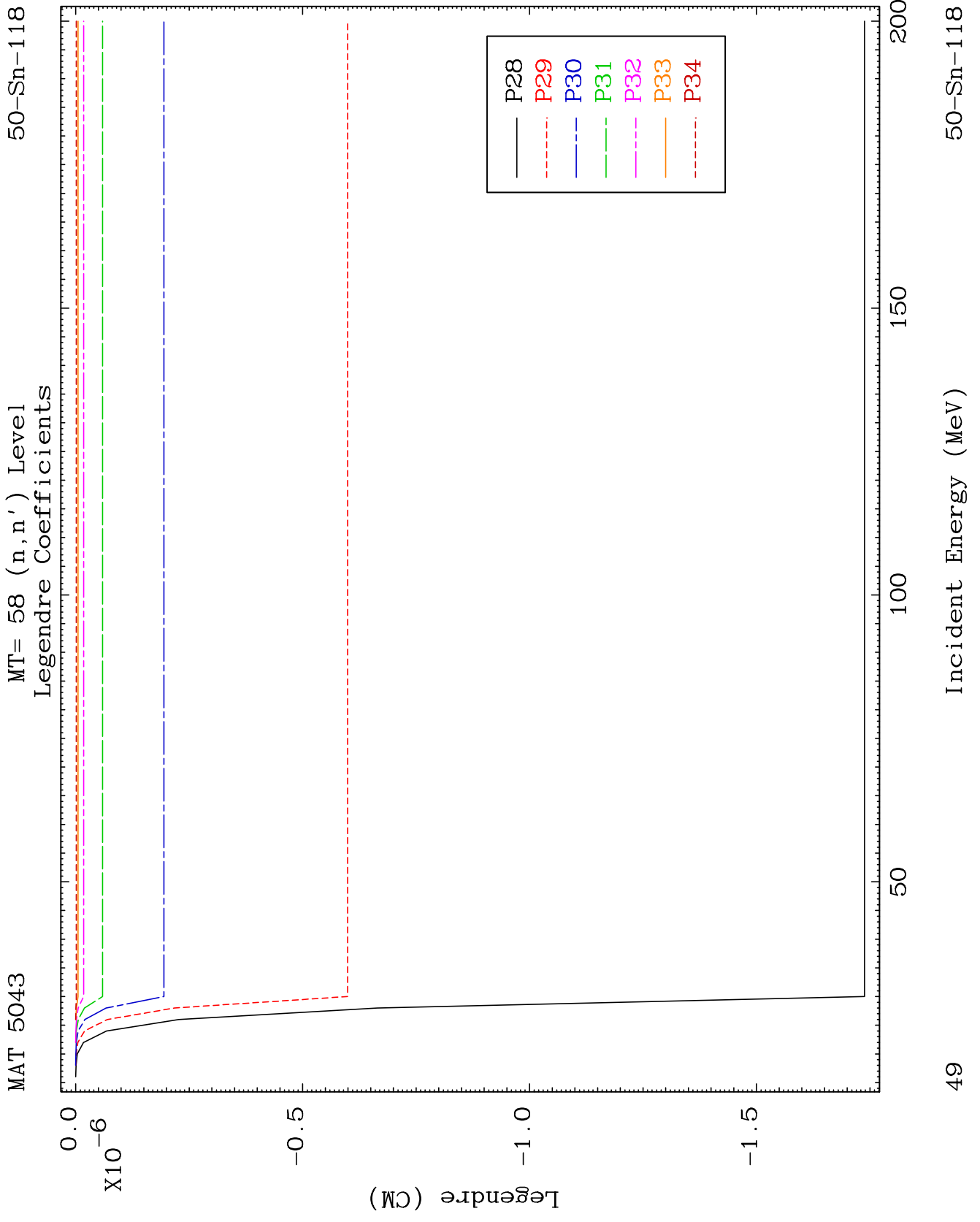
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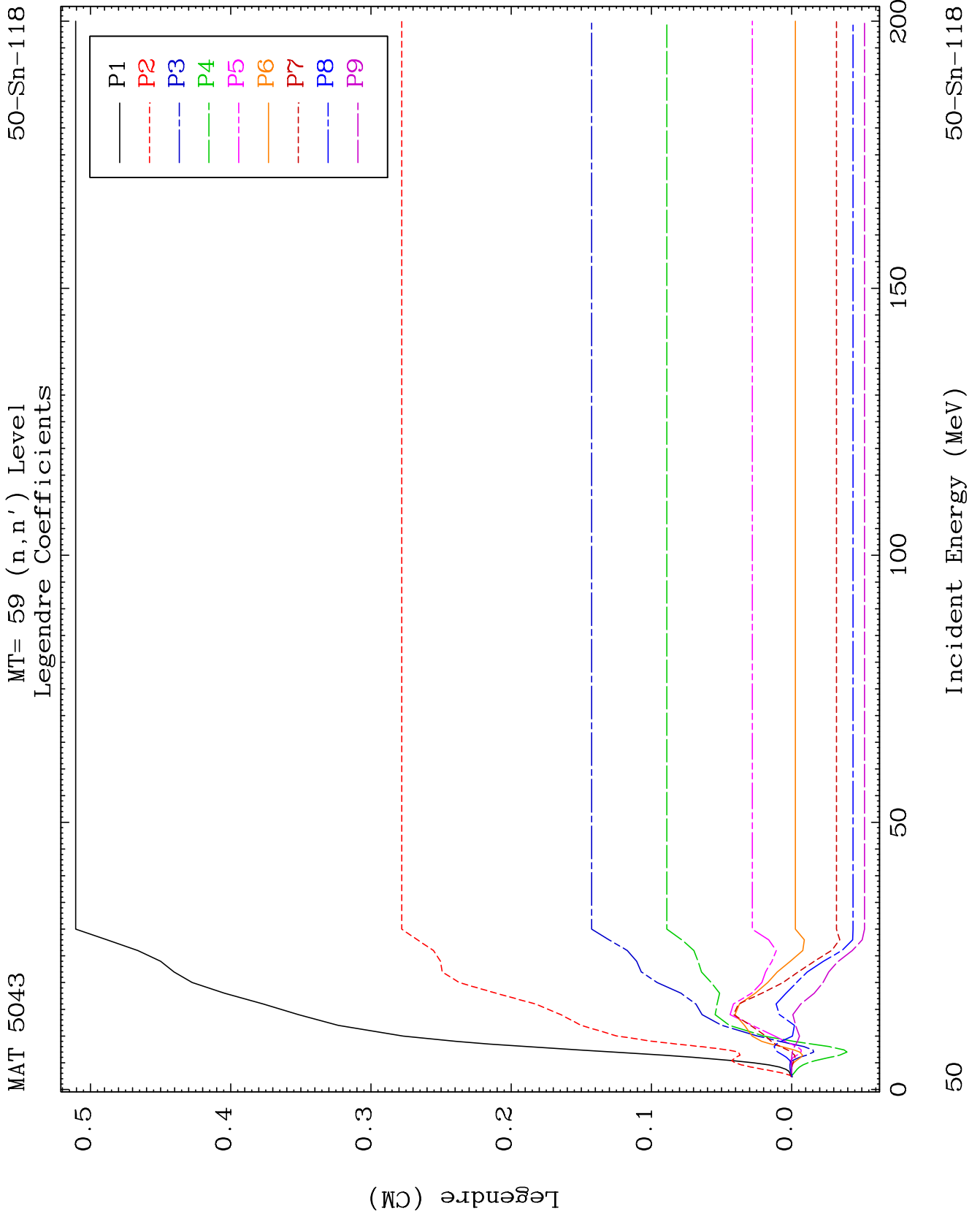


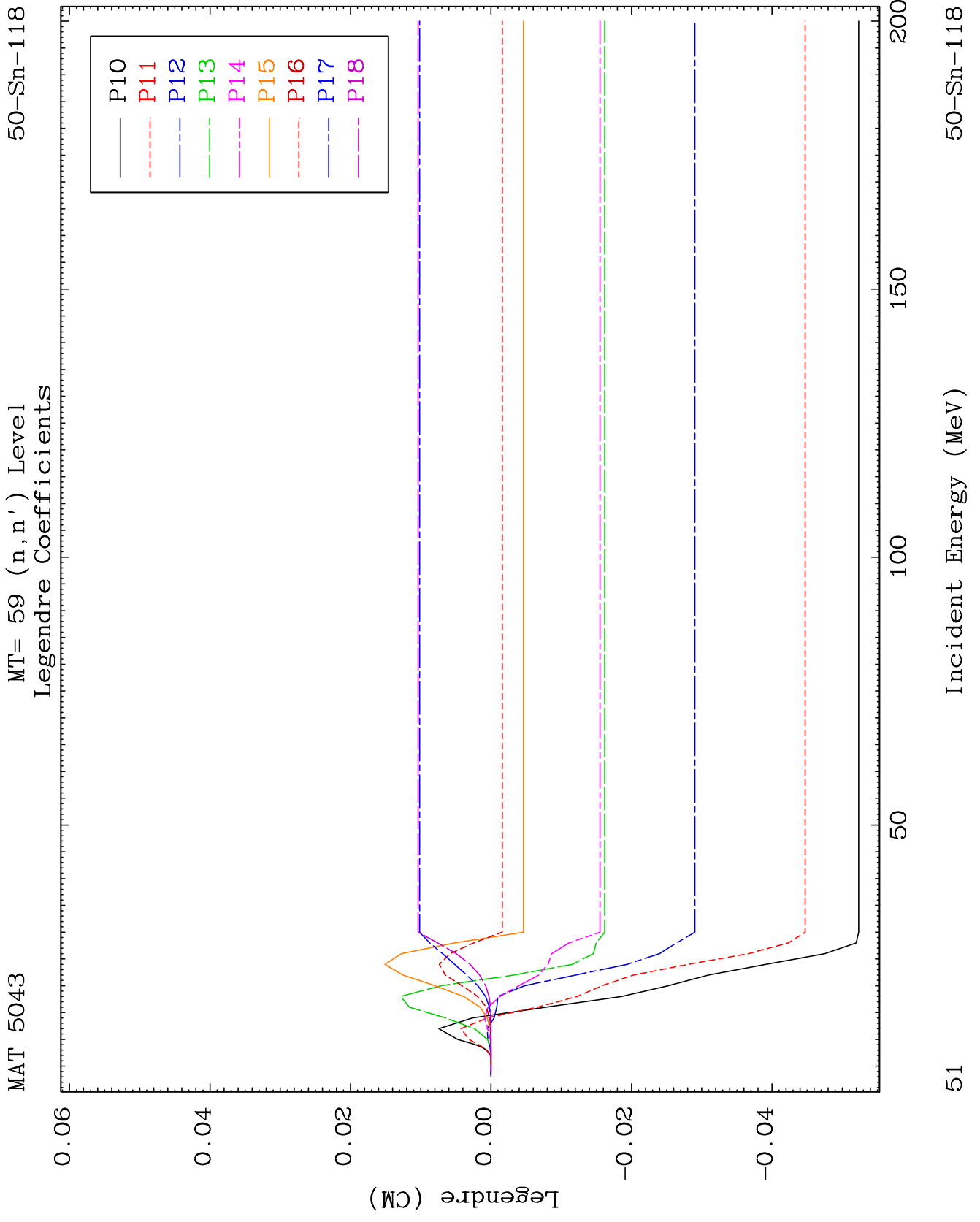
48

Incident Energy (MeV)

50-Sn-118



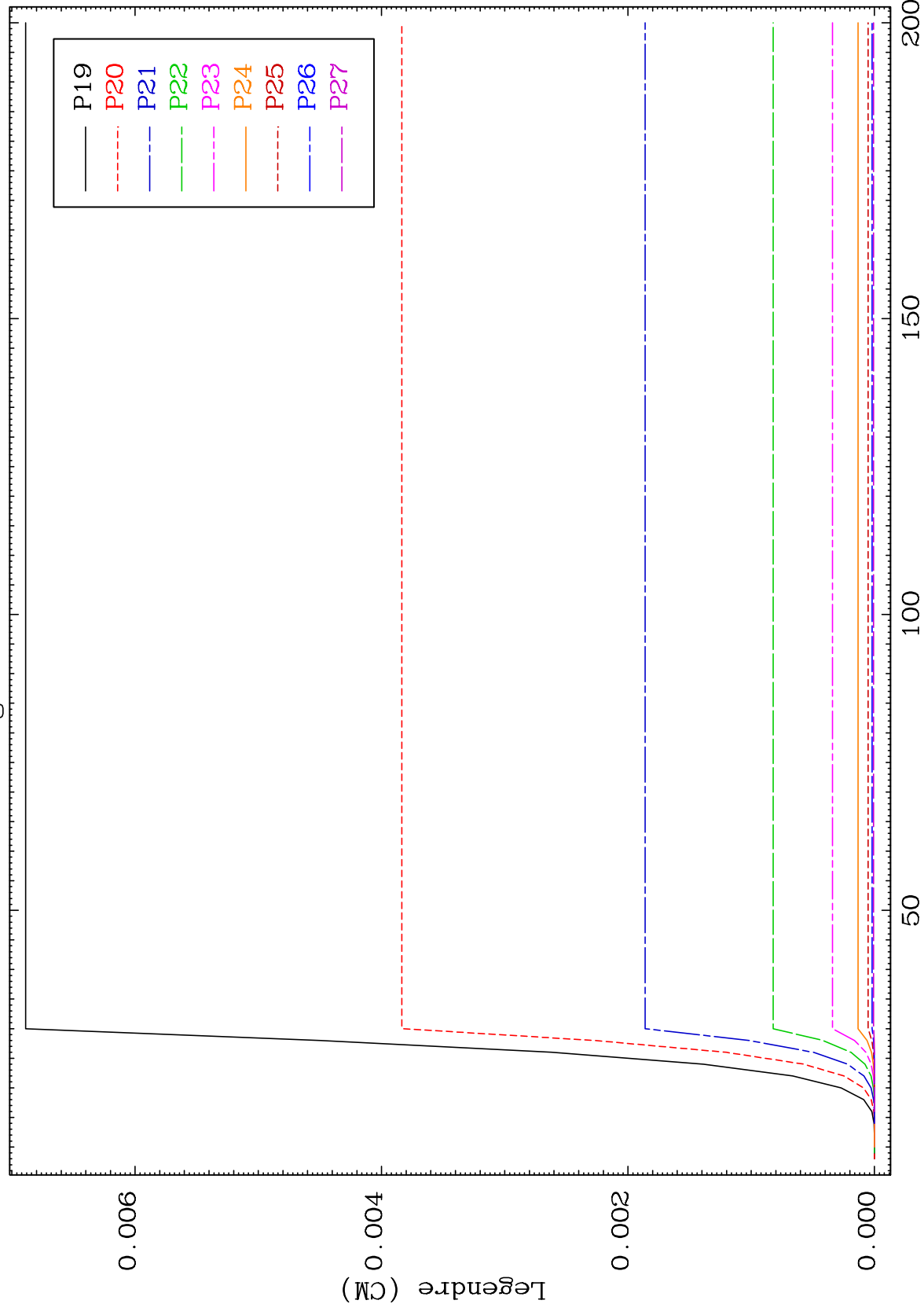




MAT 5043

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

50-Sn-118



52

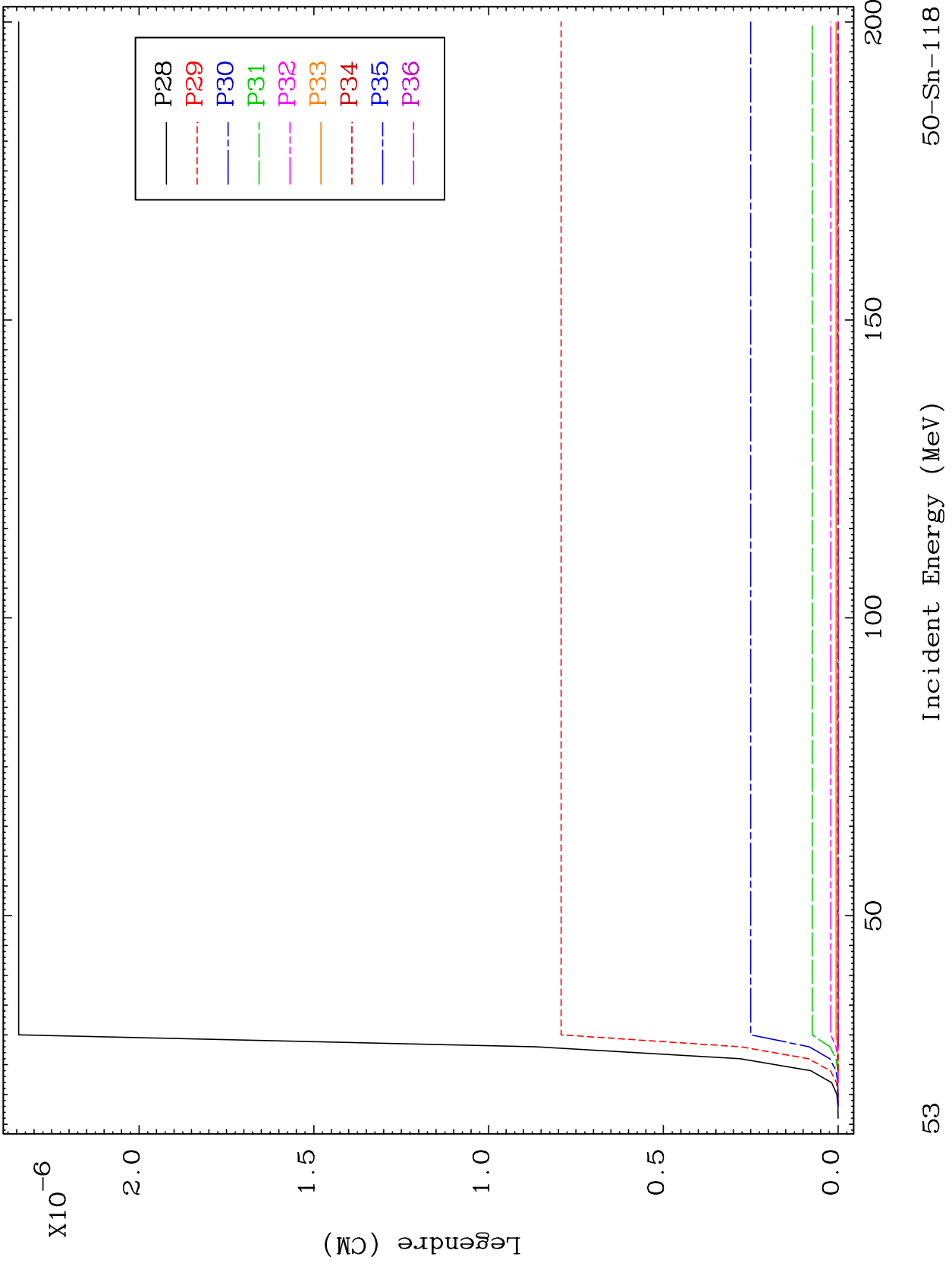
Incident Energy (MeV)

50-Sn-118

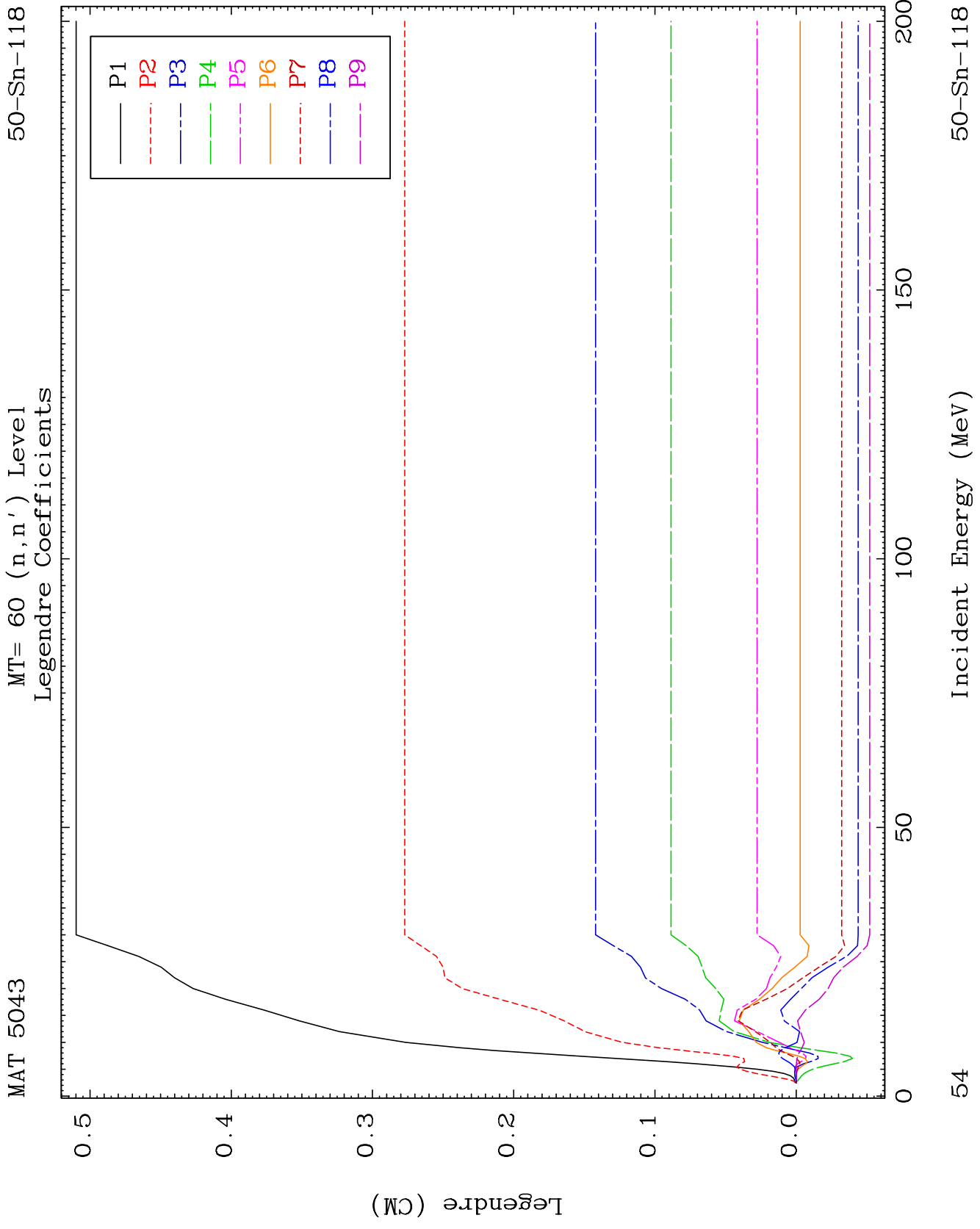
MAT 5043

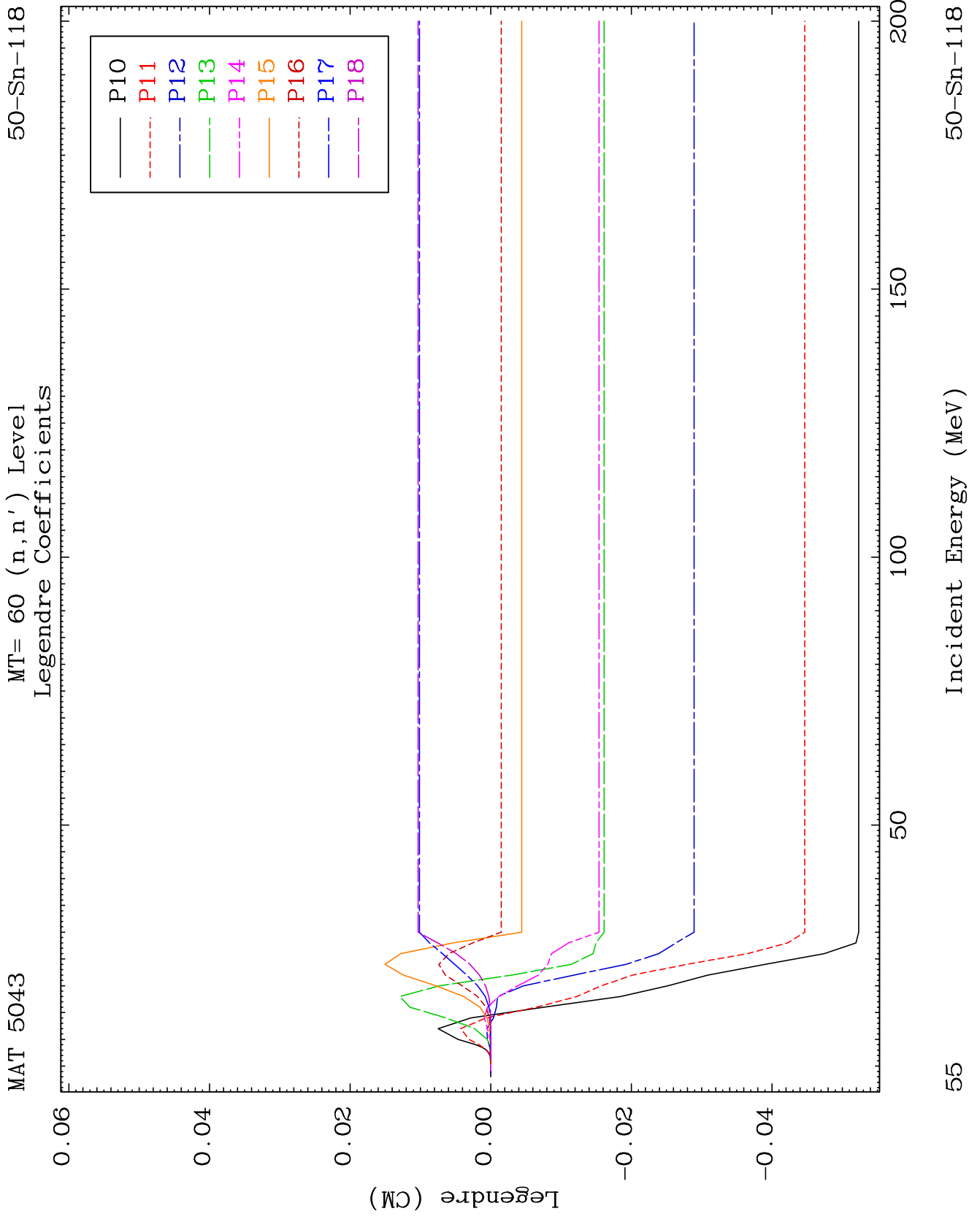
MT= 59 (n,n') Level
Legendre Coefficients

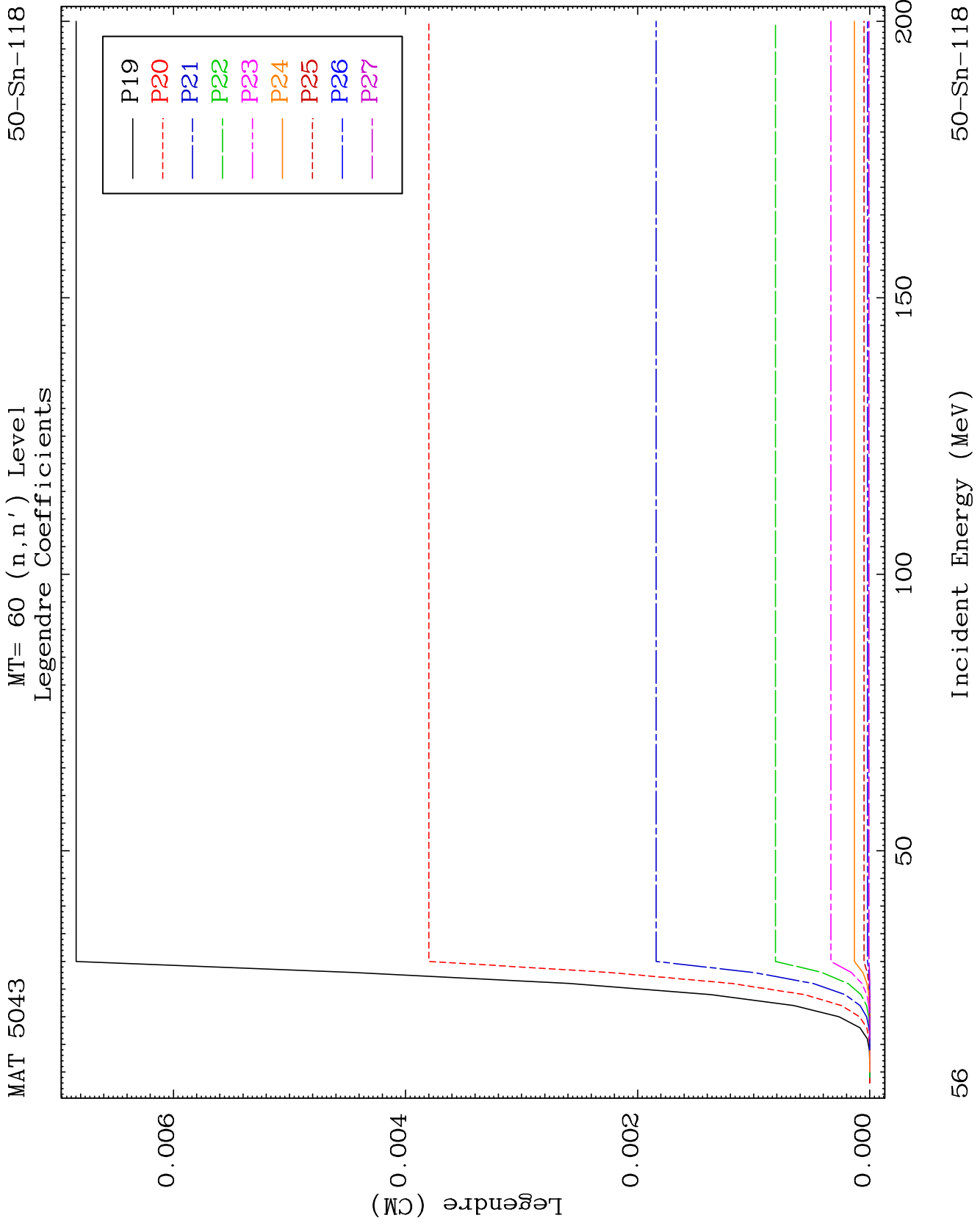
50-Sn-118



53



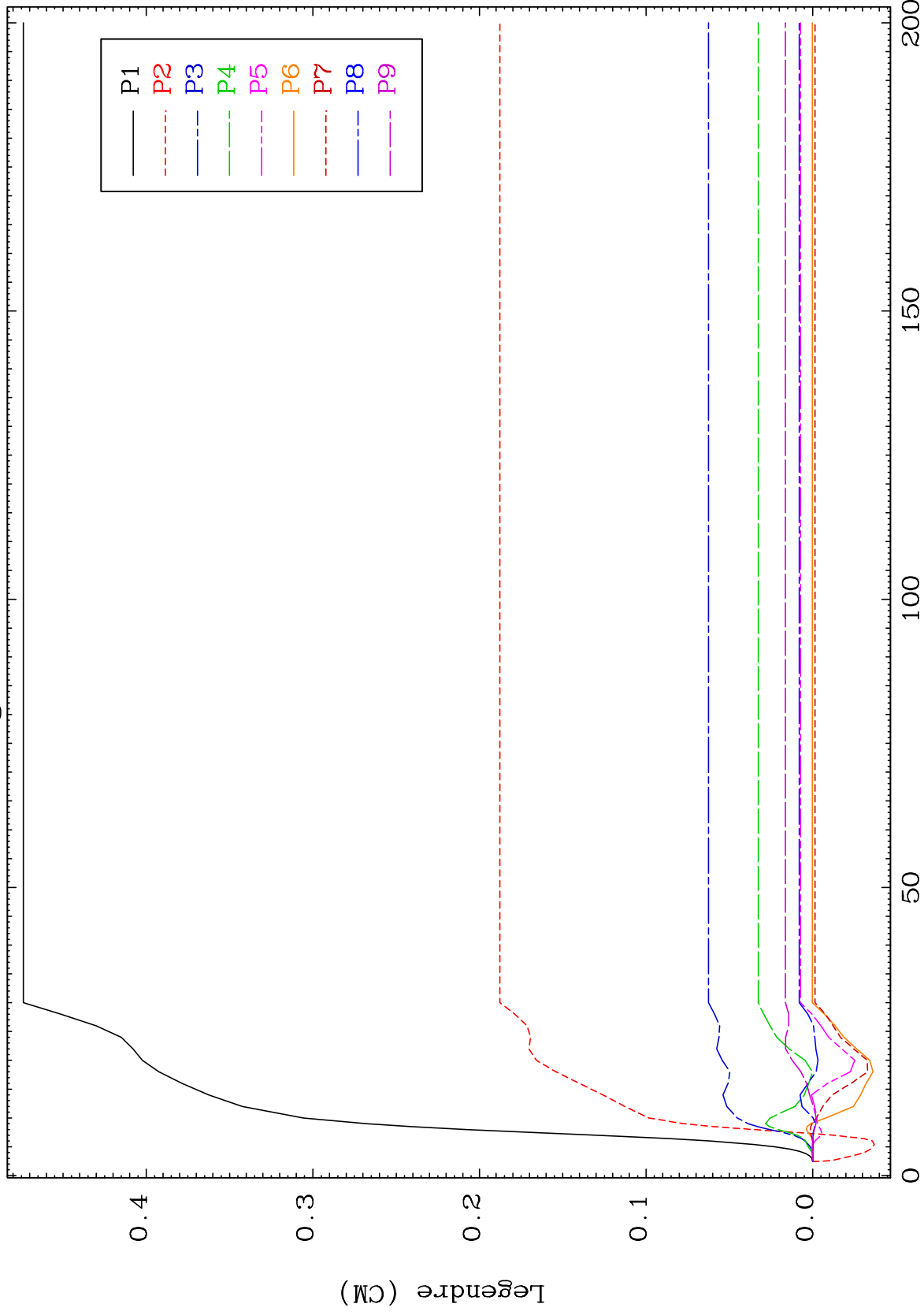




MAT 5043

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

50-Sn-118



50-Sn-118

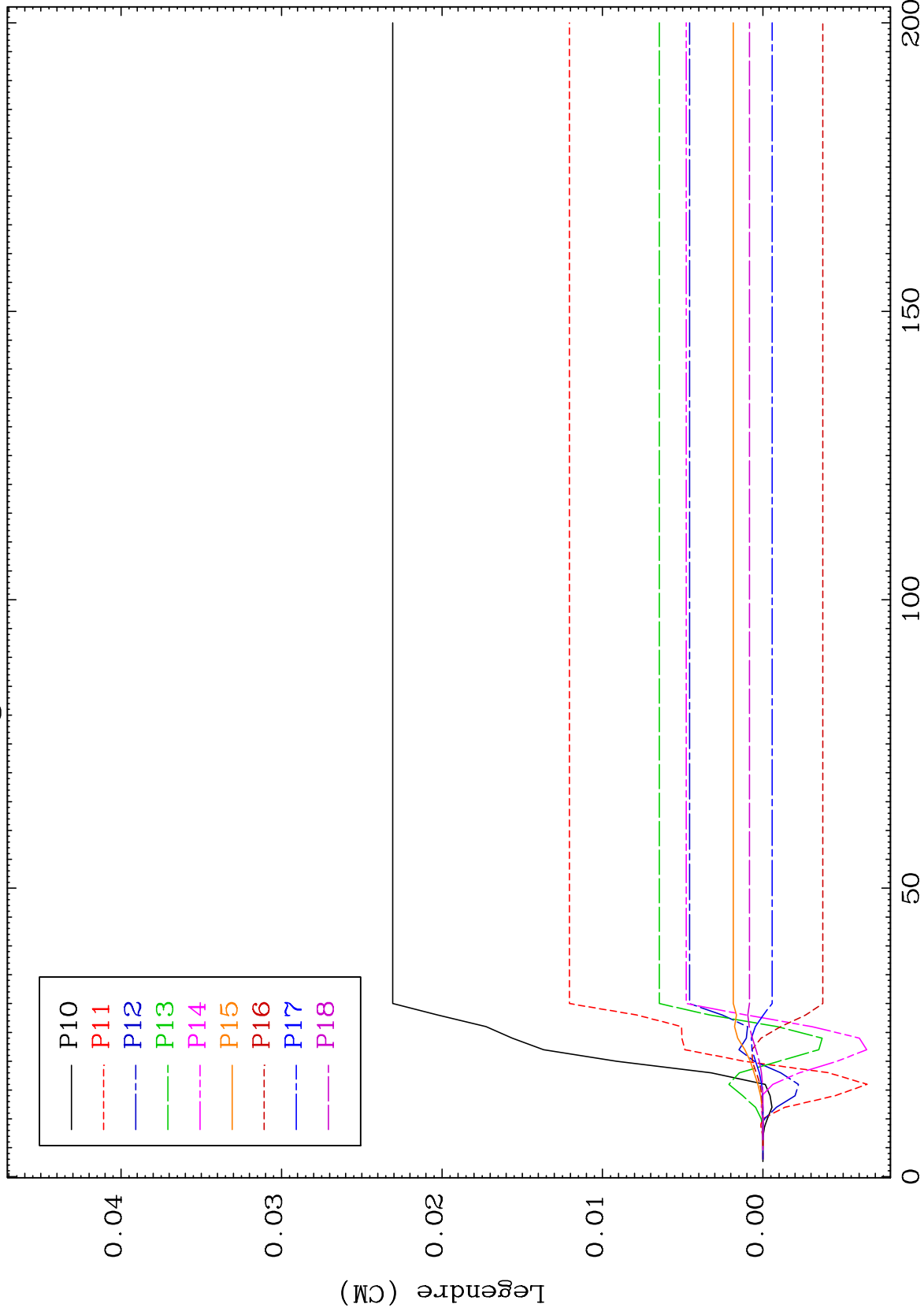
Incident Energy (MeV)

58

MAT 5043

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

50-Sn-118



59

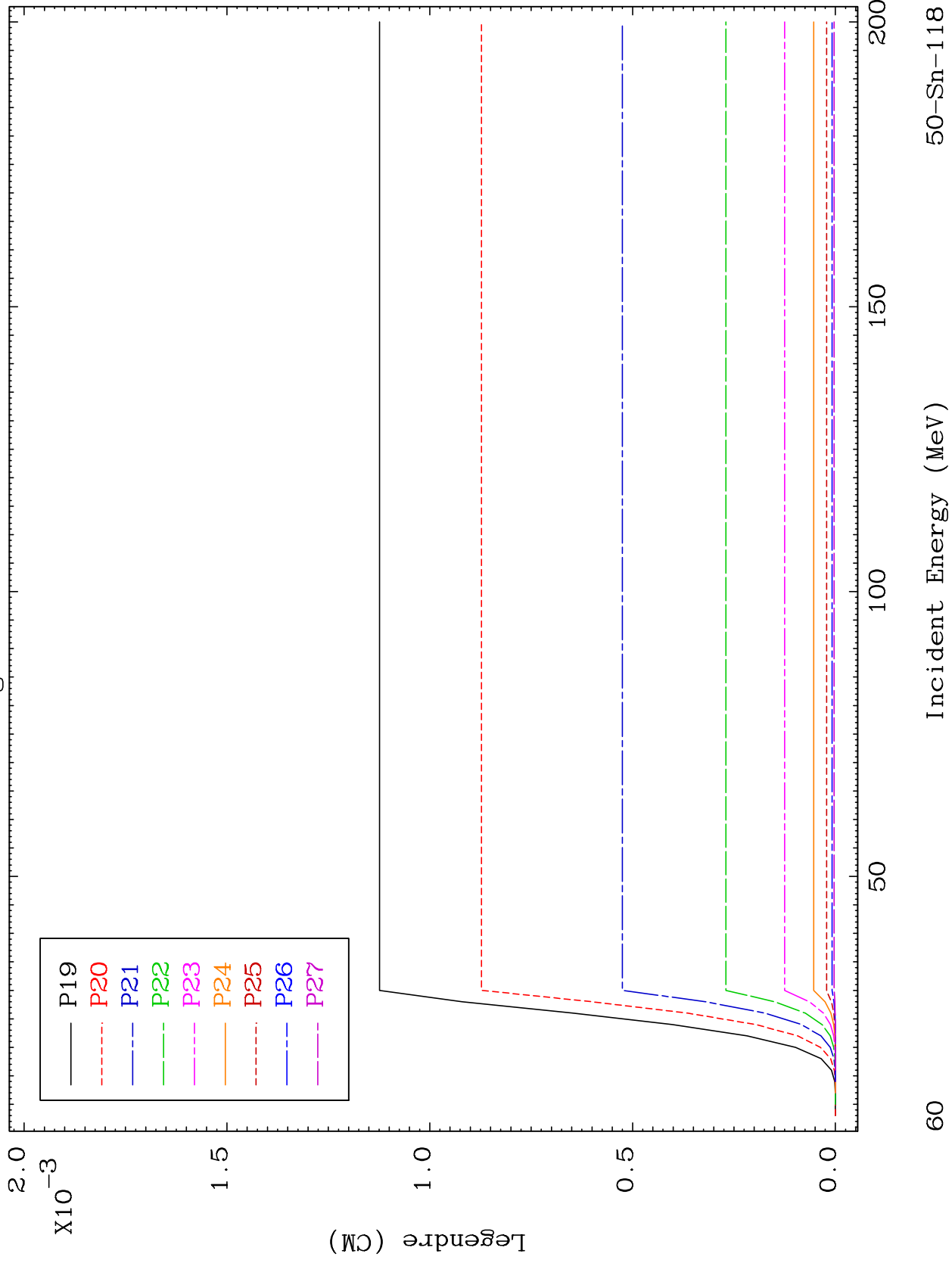
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

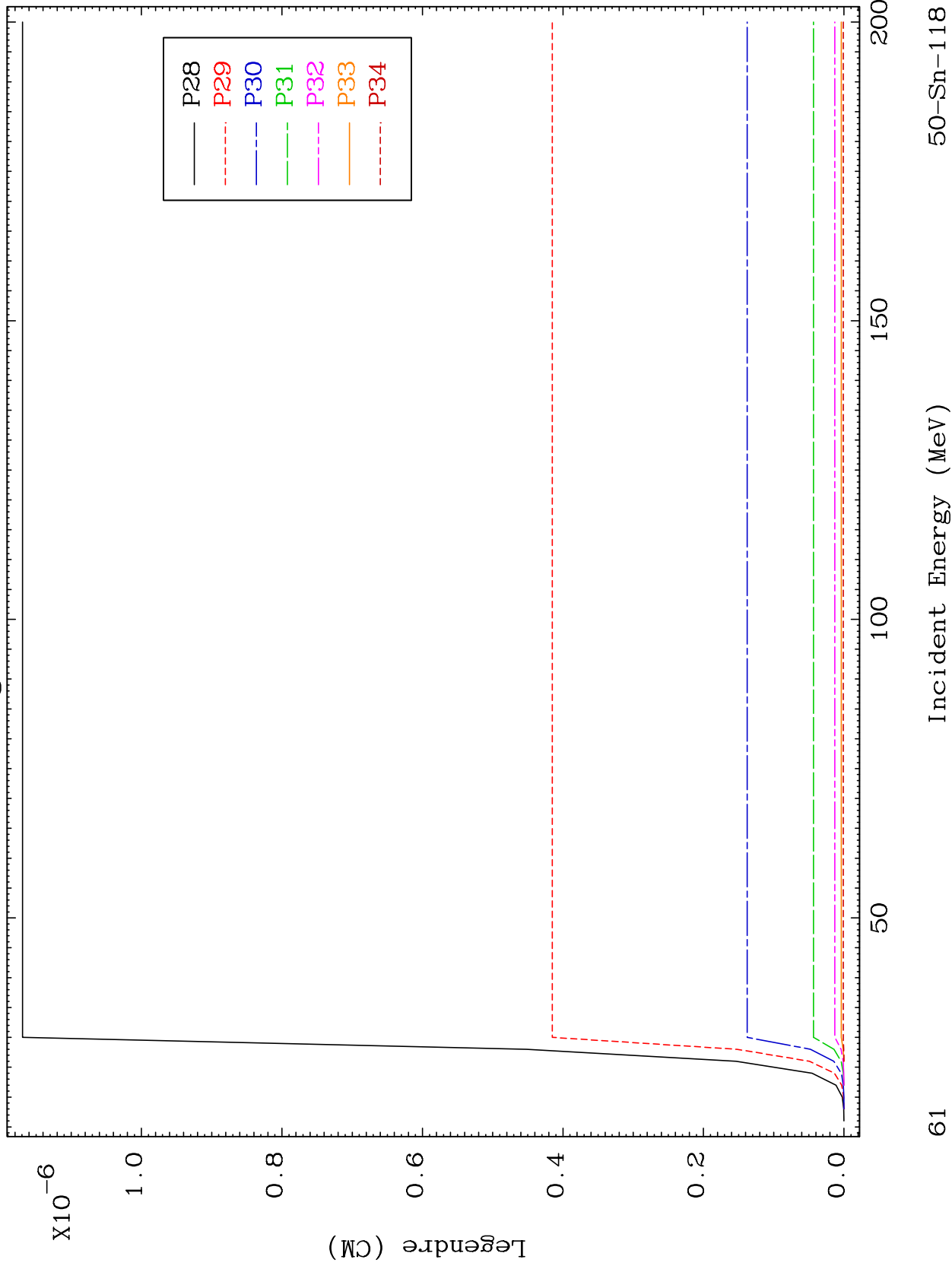
50-Sn-118



MAT 5043

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

50-Sn-118



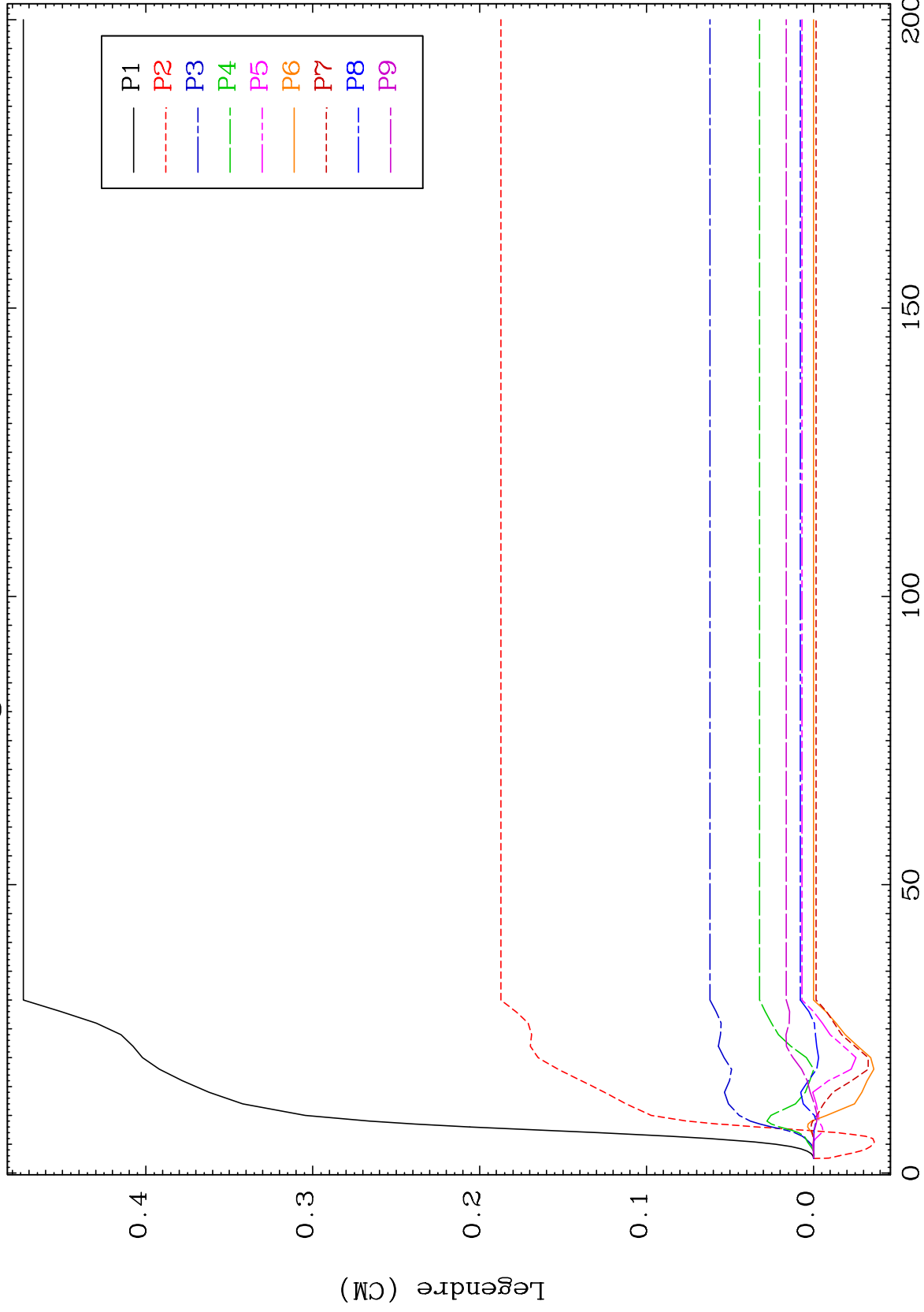
61

50-Sn-118

MAT 5043

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

50-Sn-118



50-Sn-118

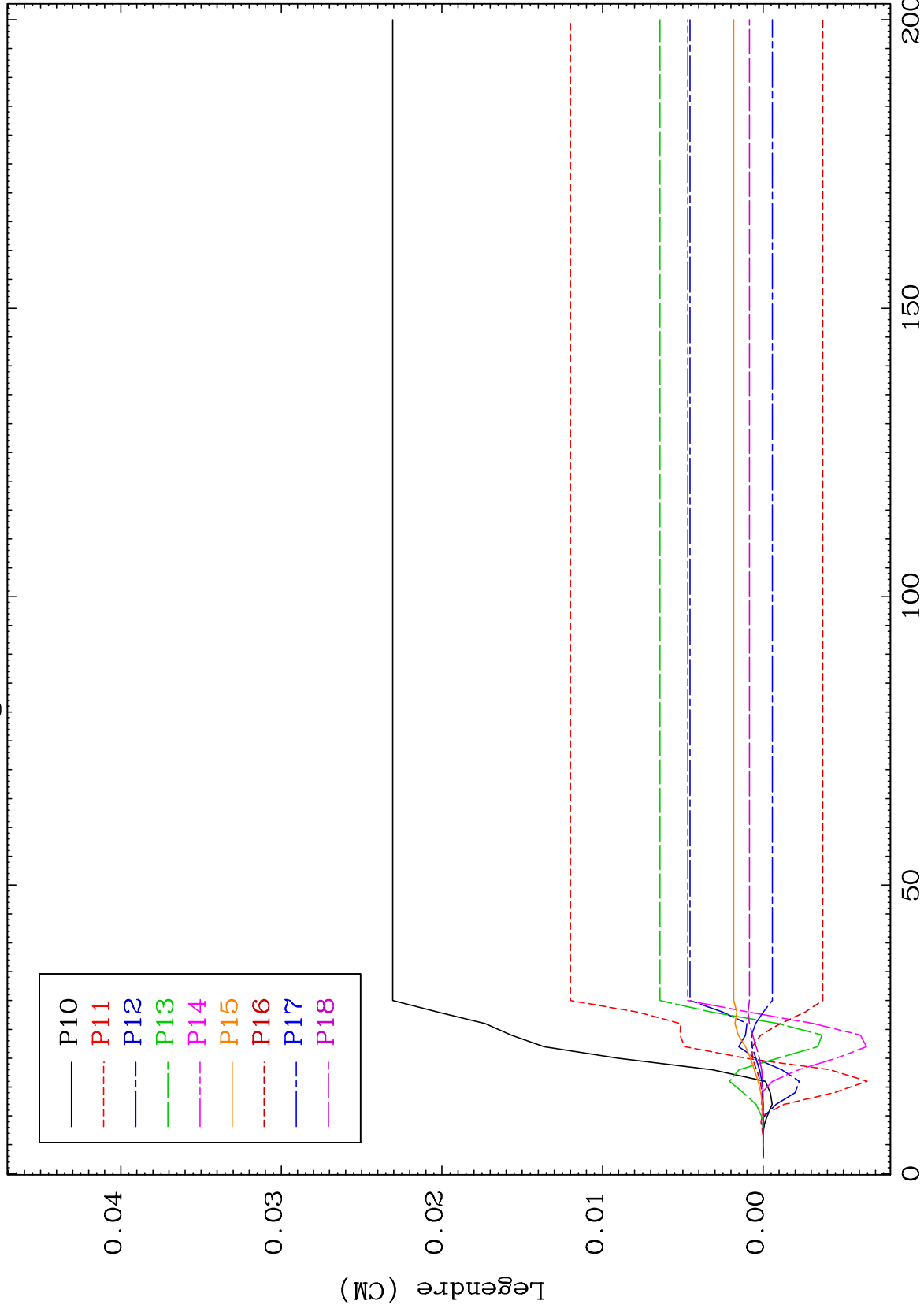
Incident Energy (MeV)

62

MAT 5043

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

50-Sn-118



63

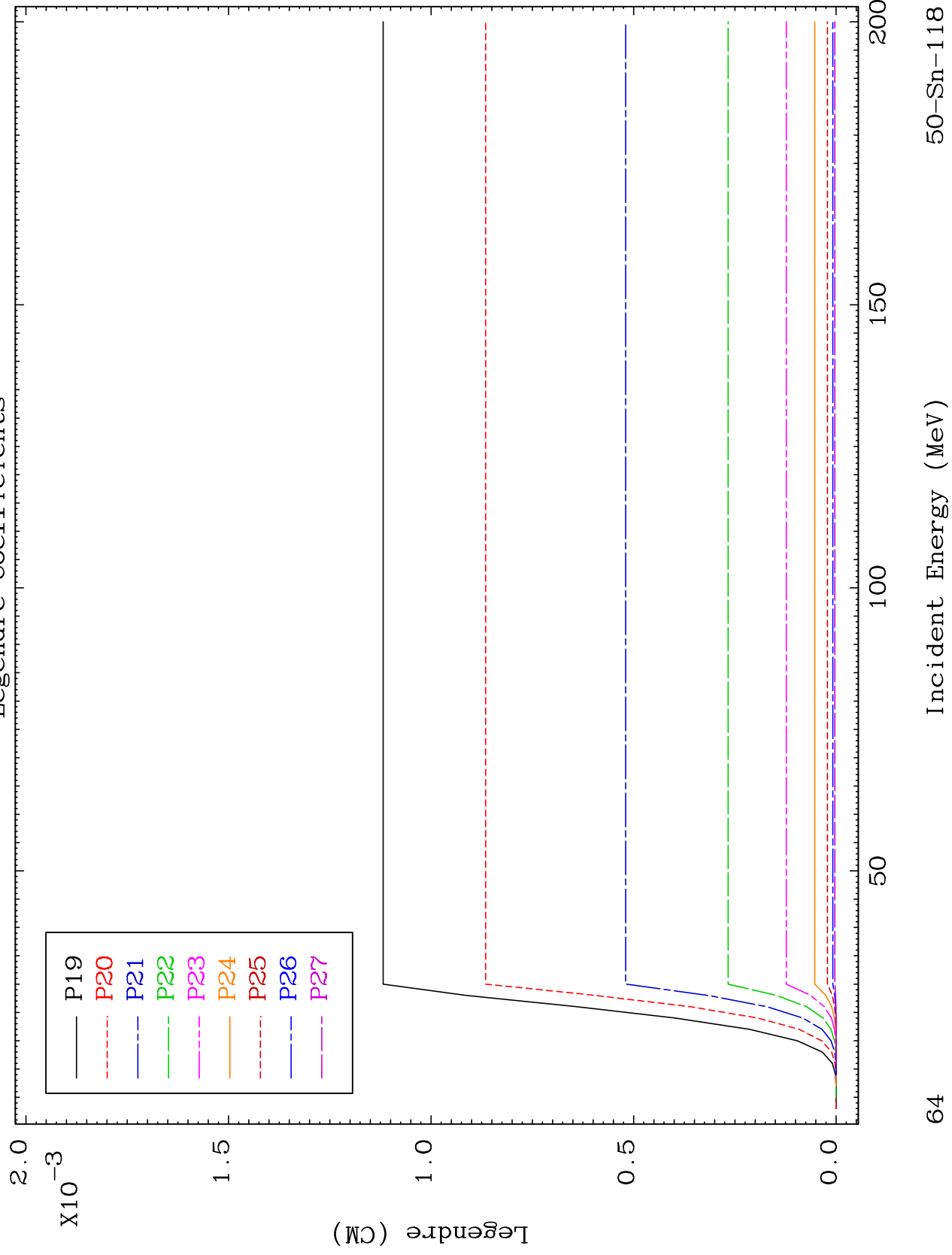
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



64

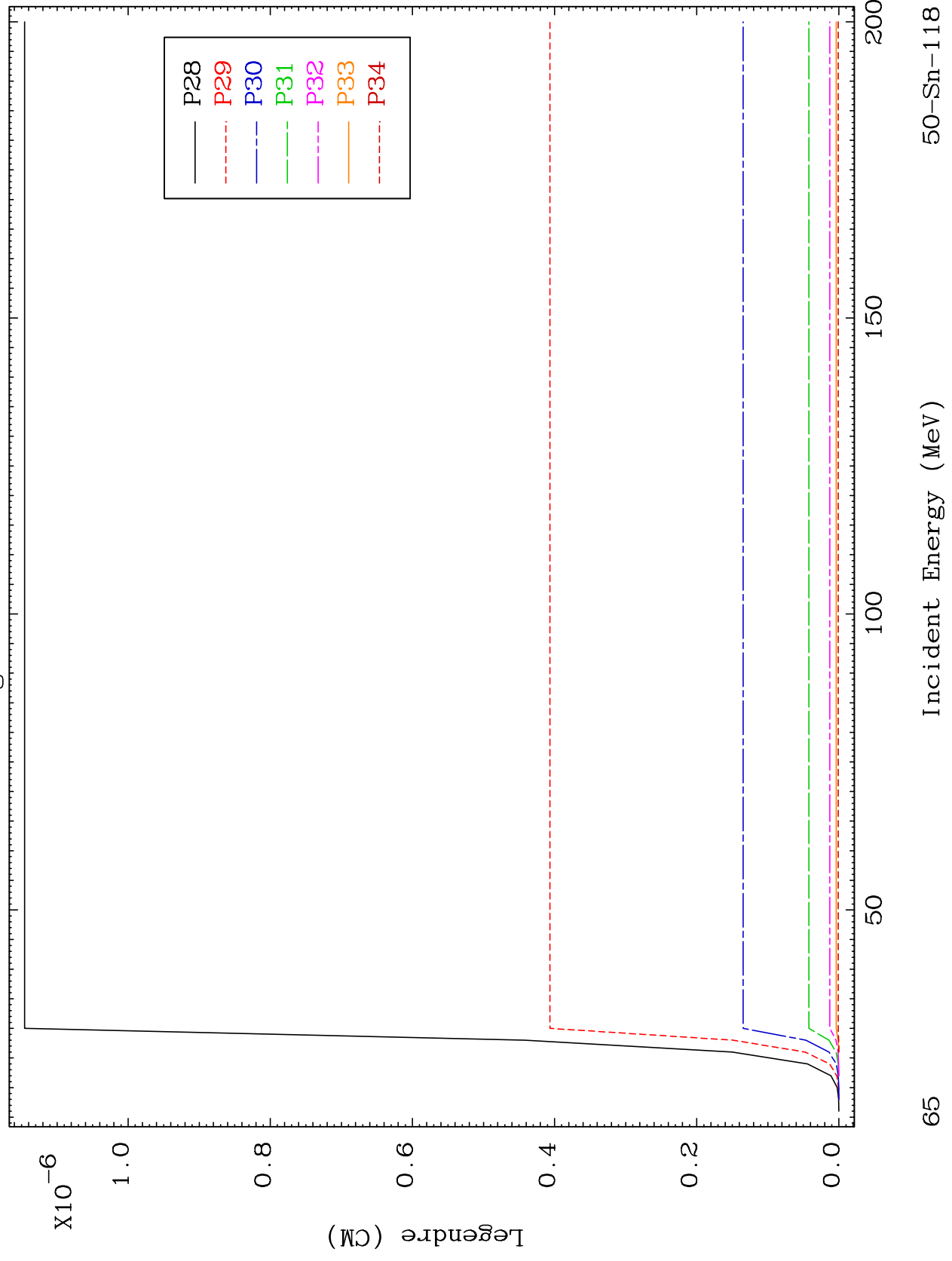
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

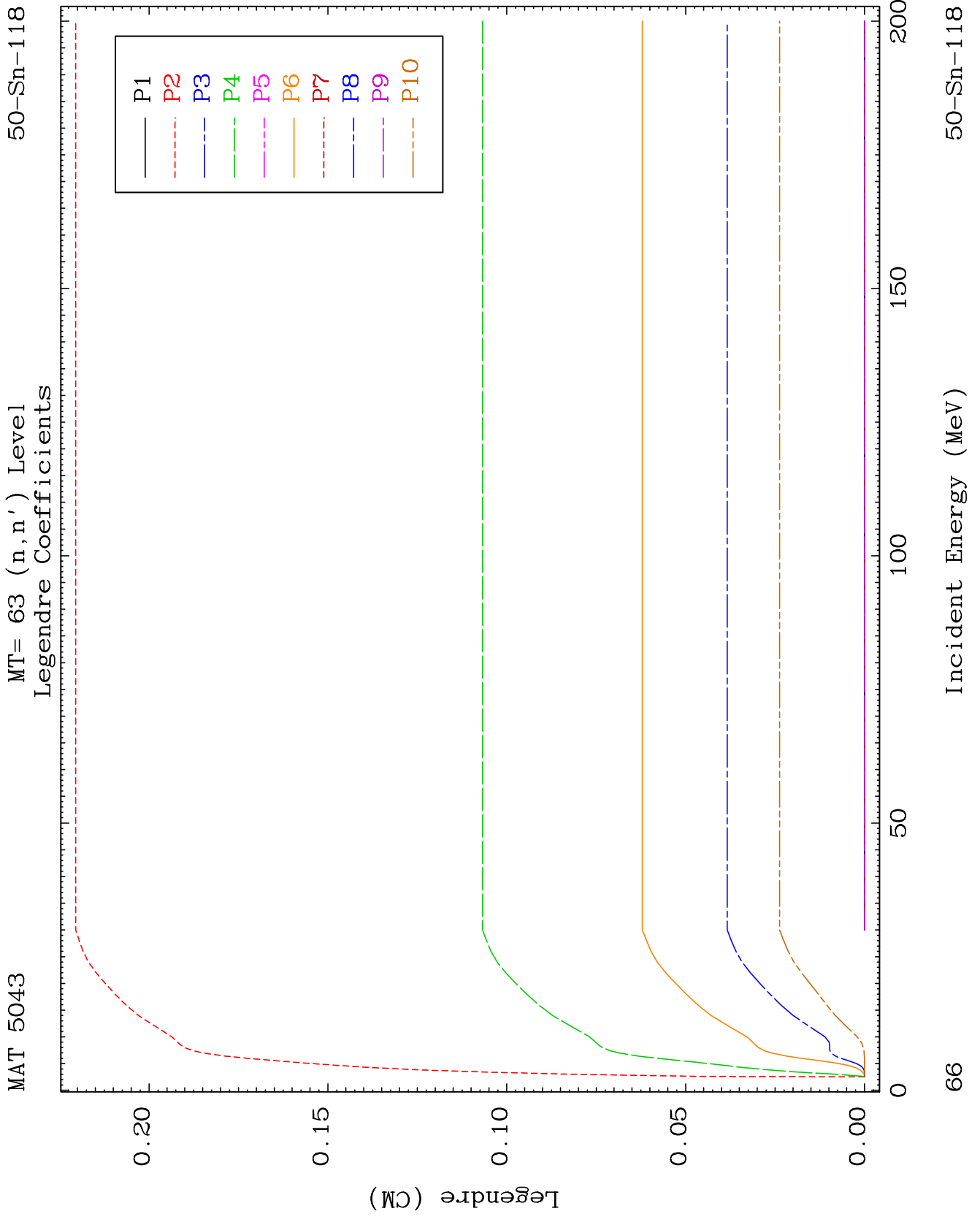
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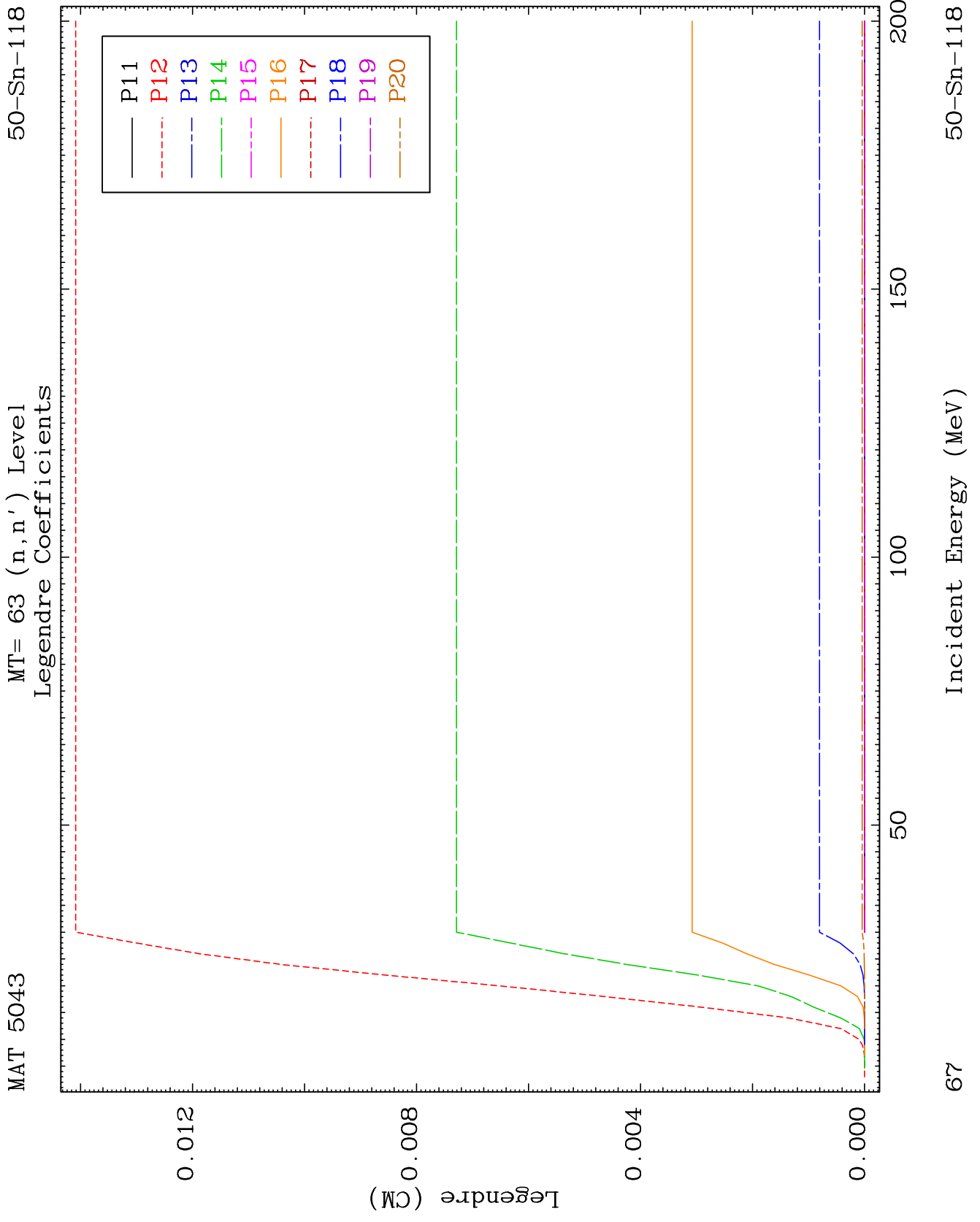


65

Incident Energy (MeV)

50-Sn-118

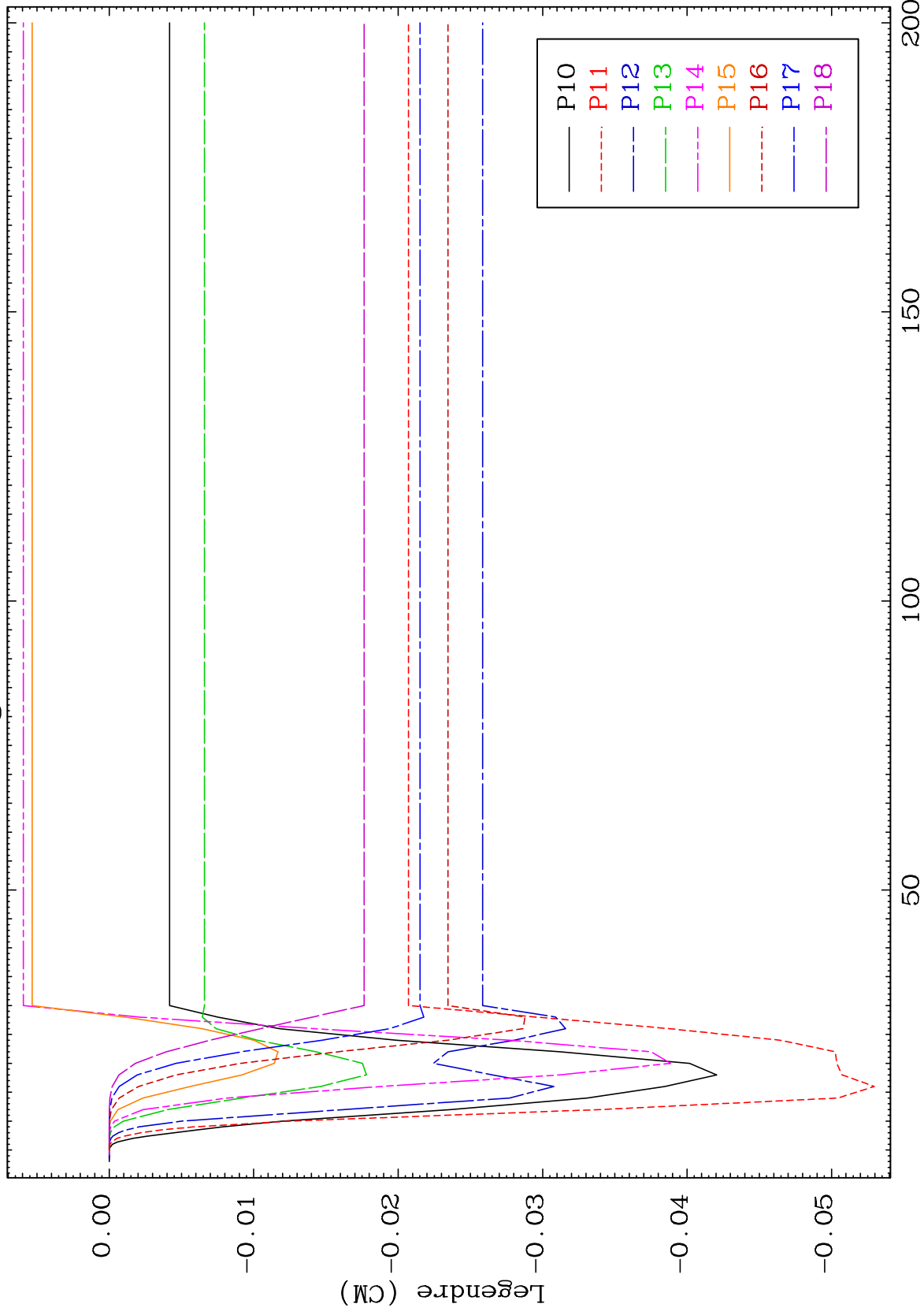




MAT 5043

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

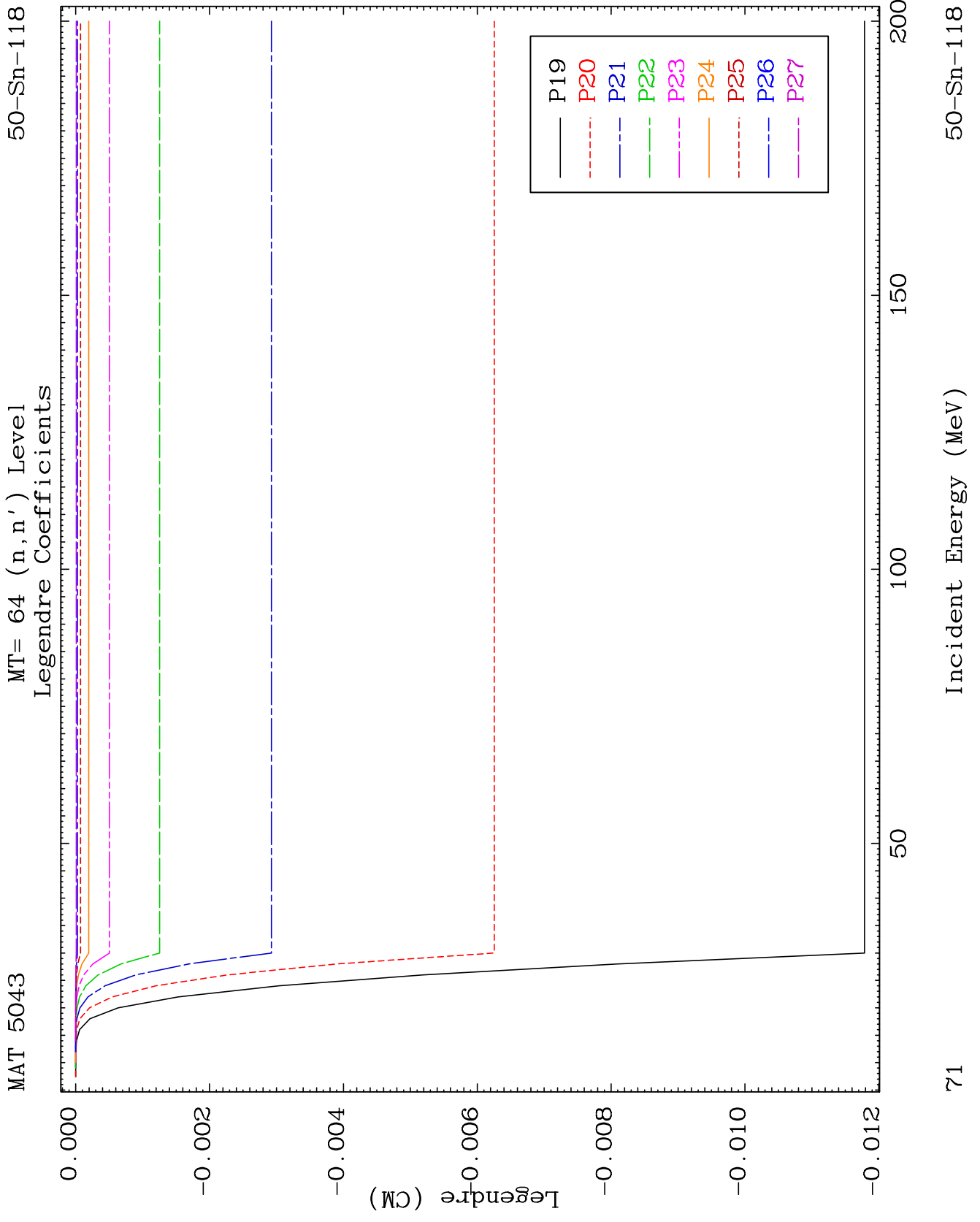
50-Sn-118

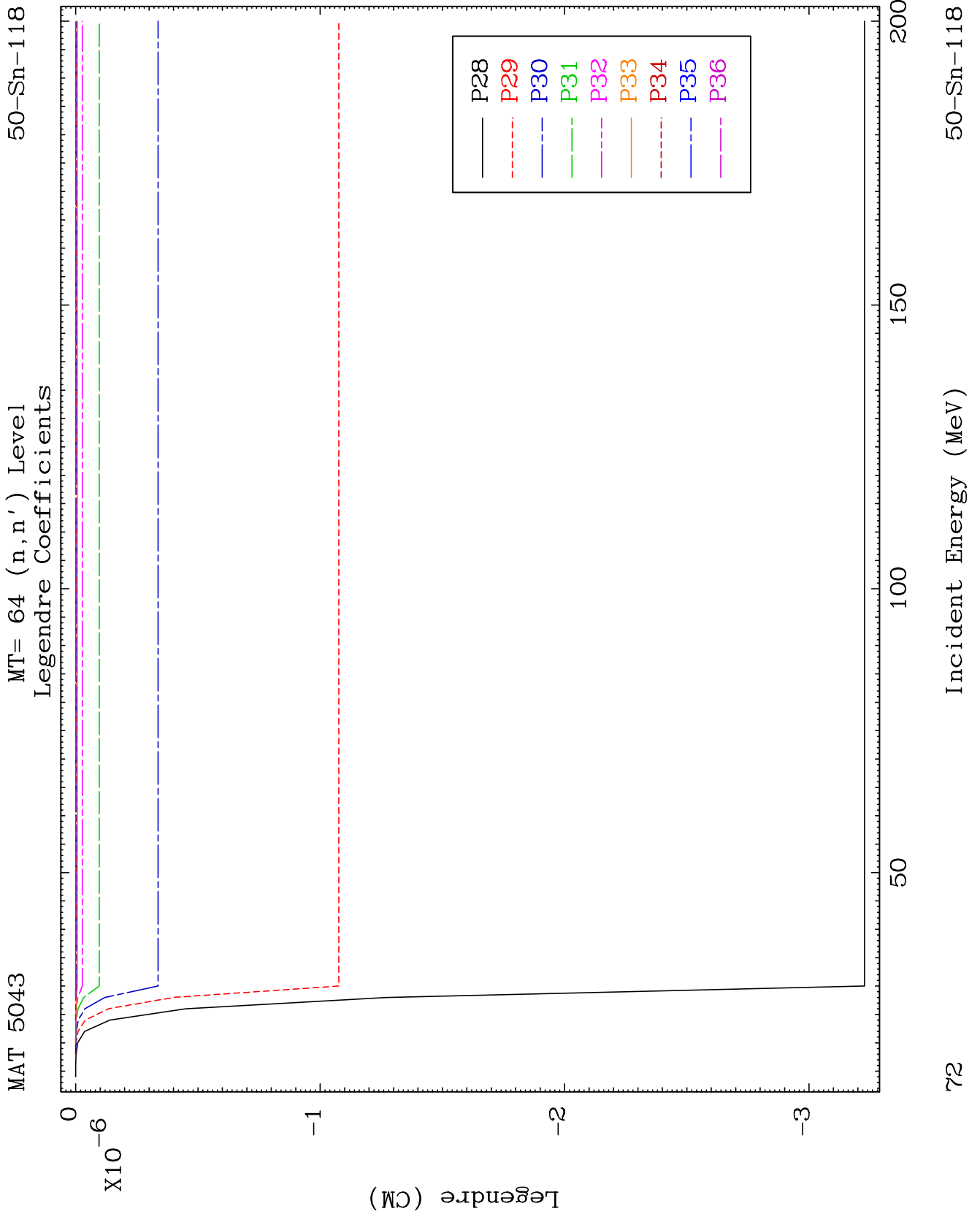


70

Incident Energy (MeV)

50-Sn-118

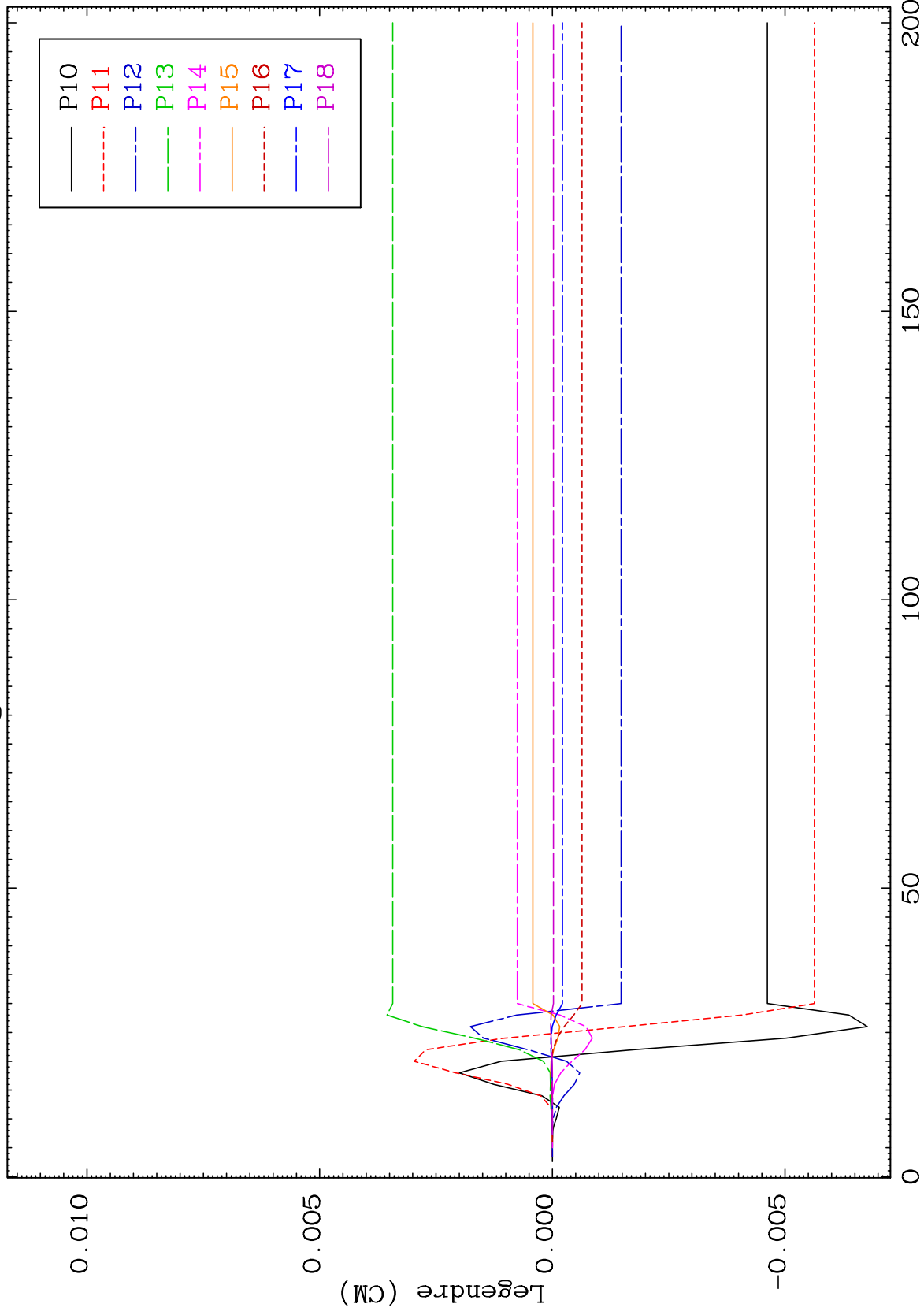




MAT 5043

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

50-Sn-118



74

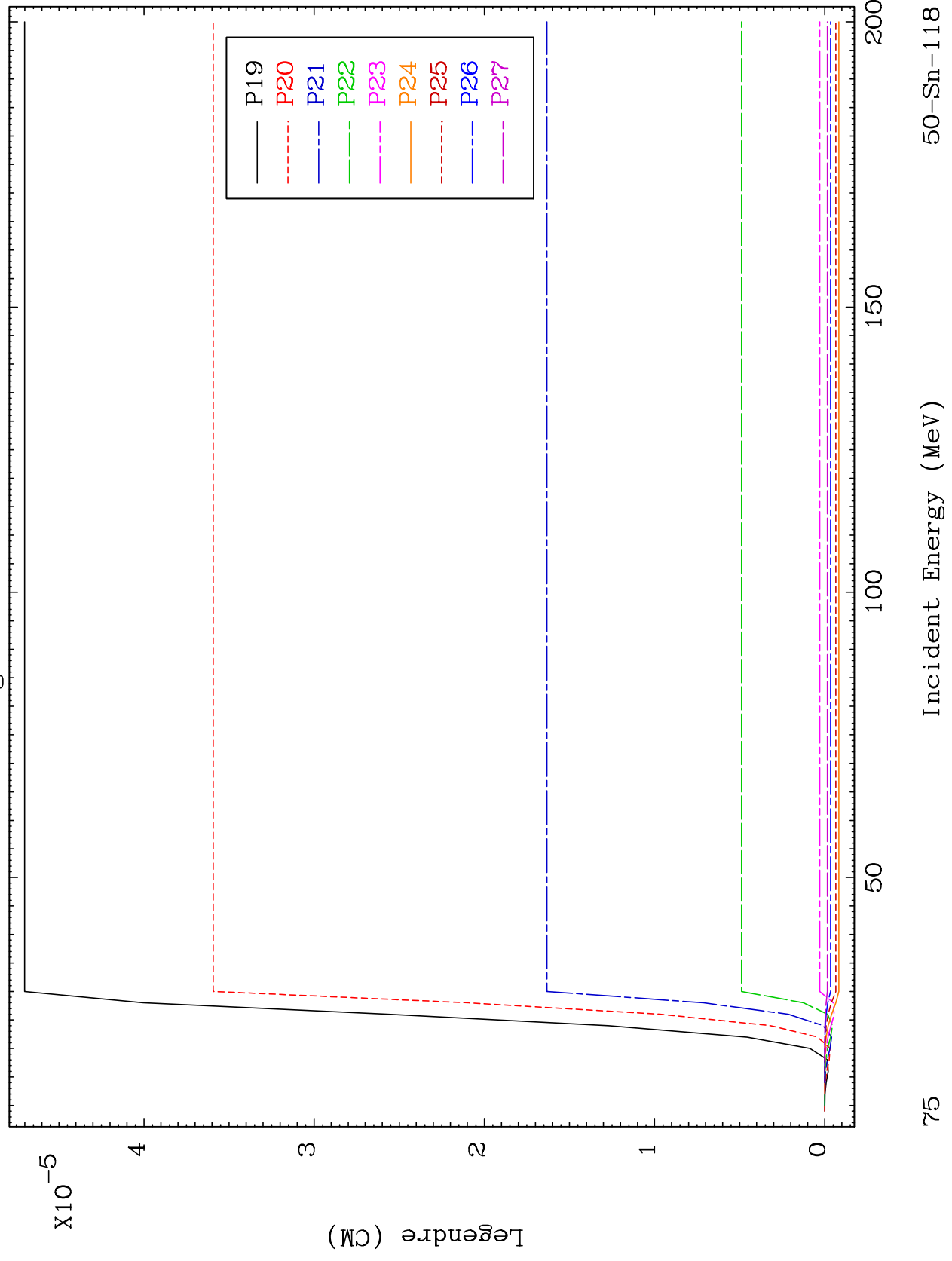
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

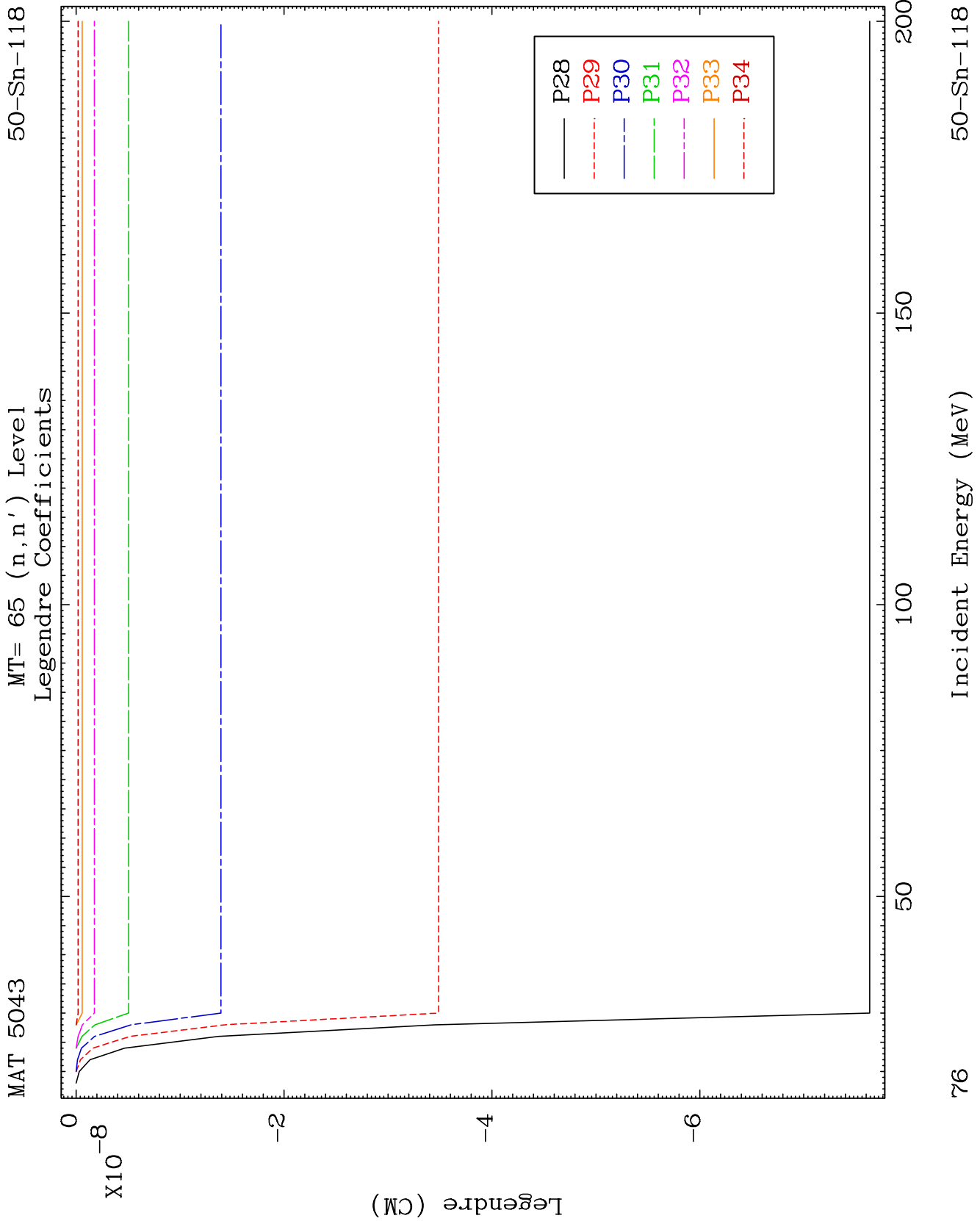
50-Sn-118

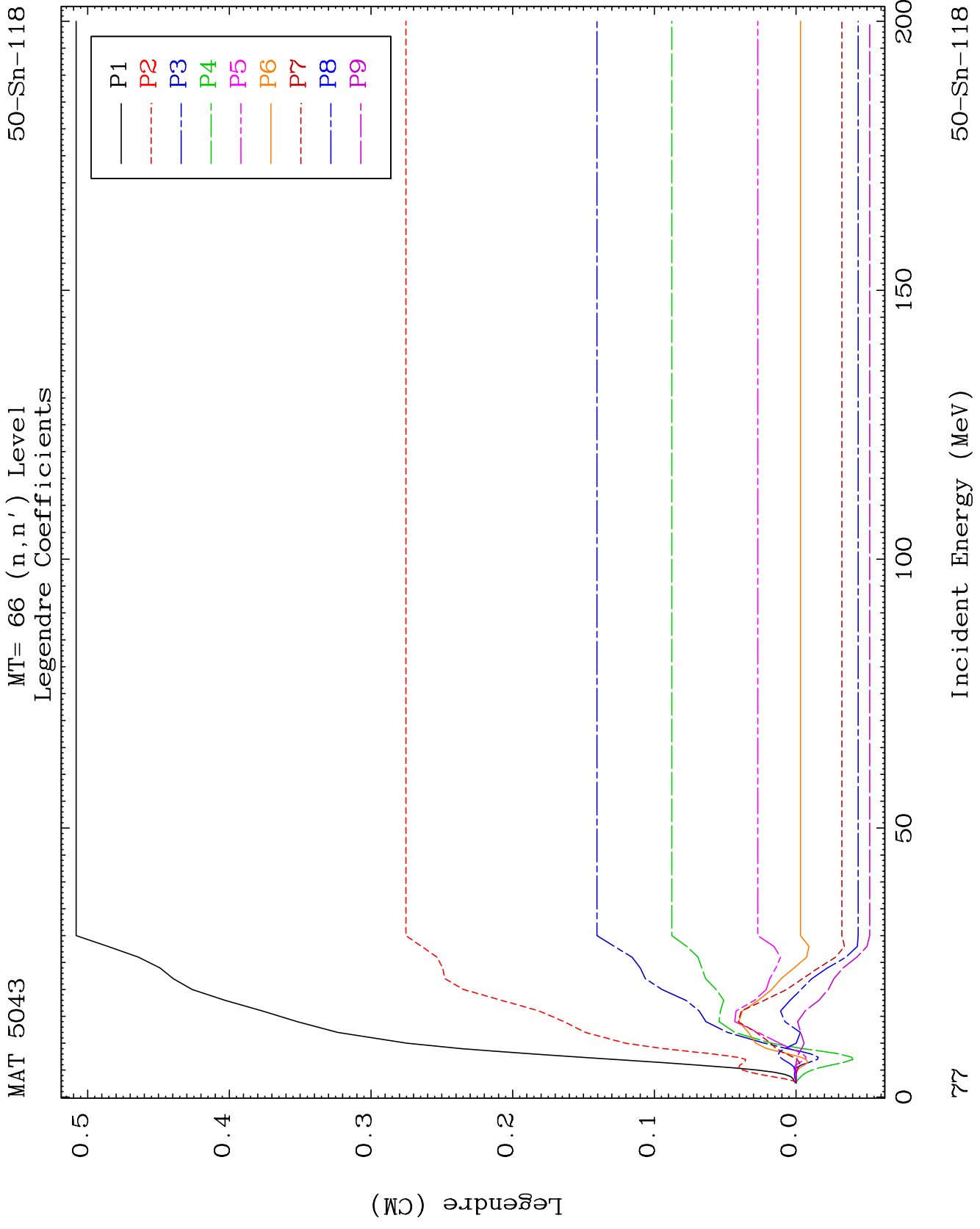


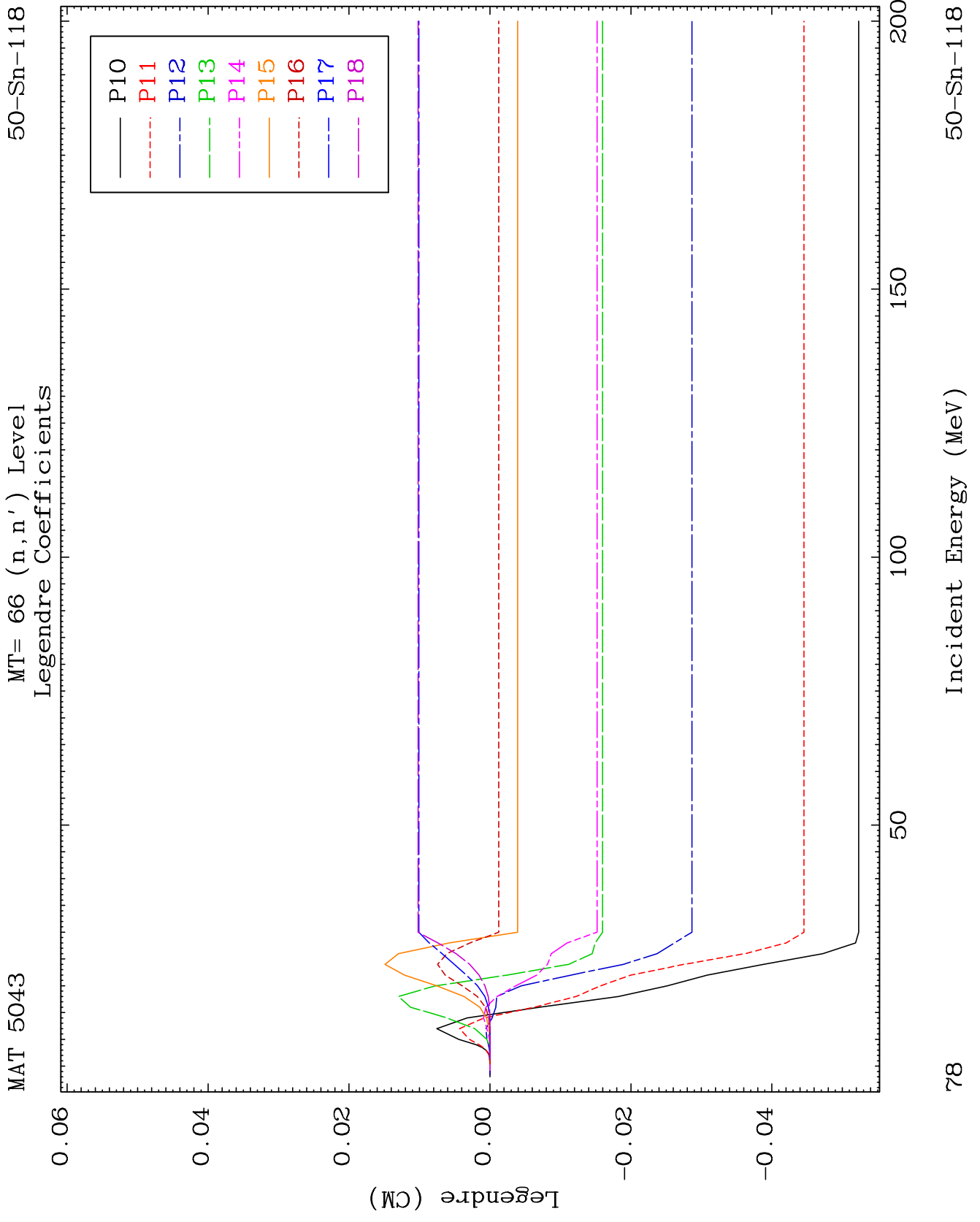
75

Incident Energy (MeV)

50-Sn-118



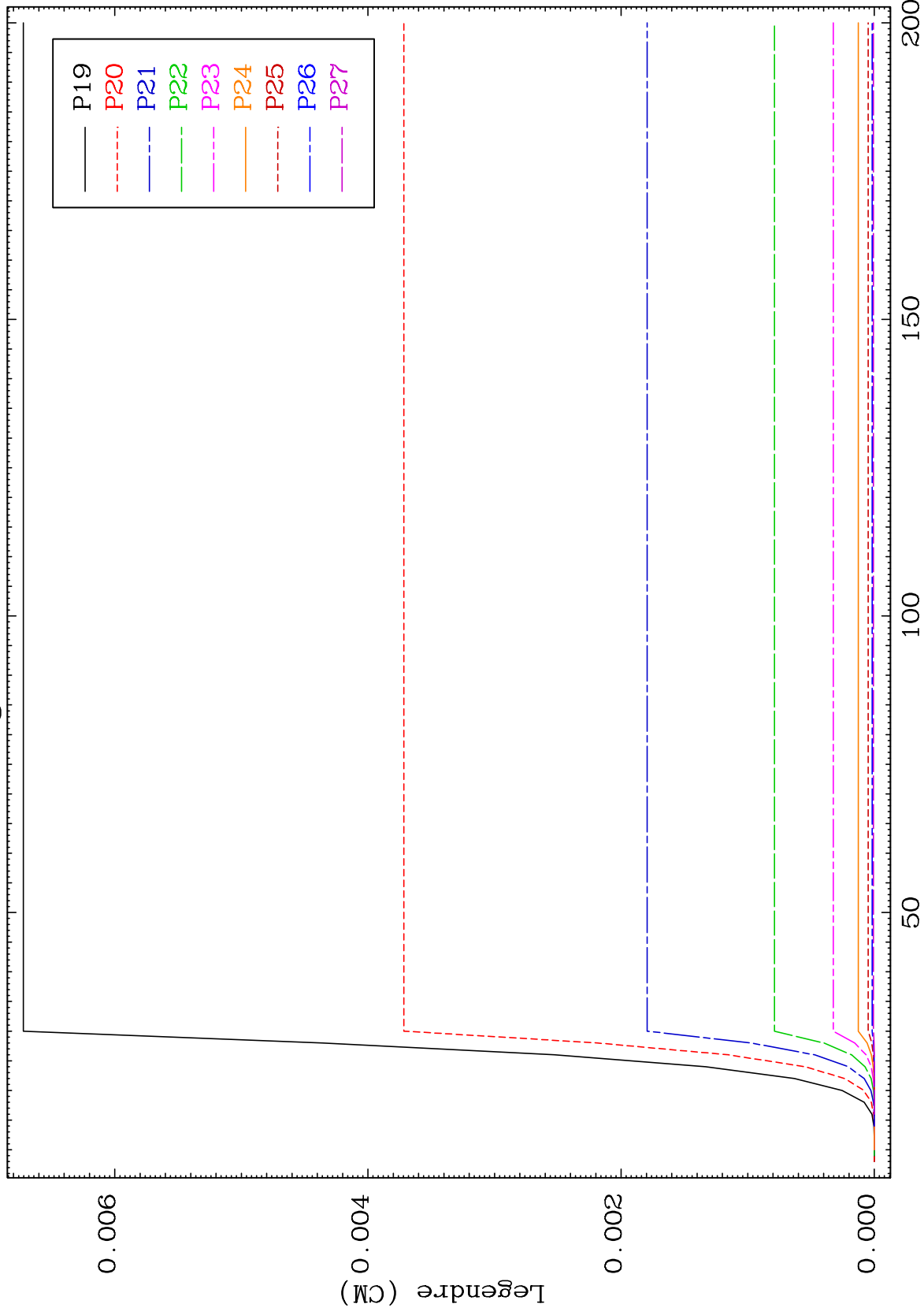




MAT 5043

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

50-Sn-118



79

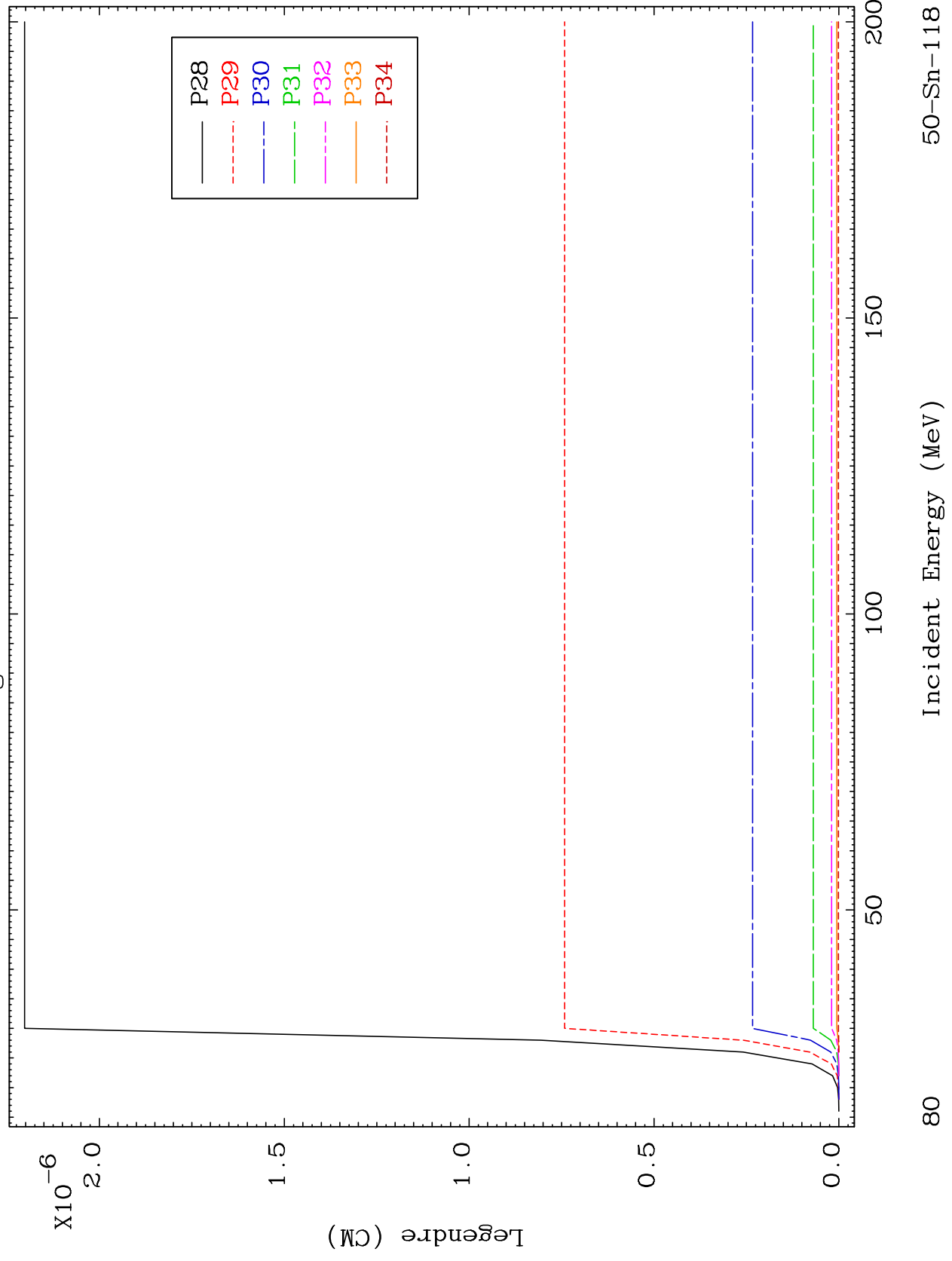
Incident Energy (MeV)

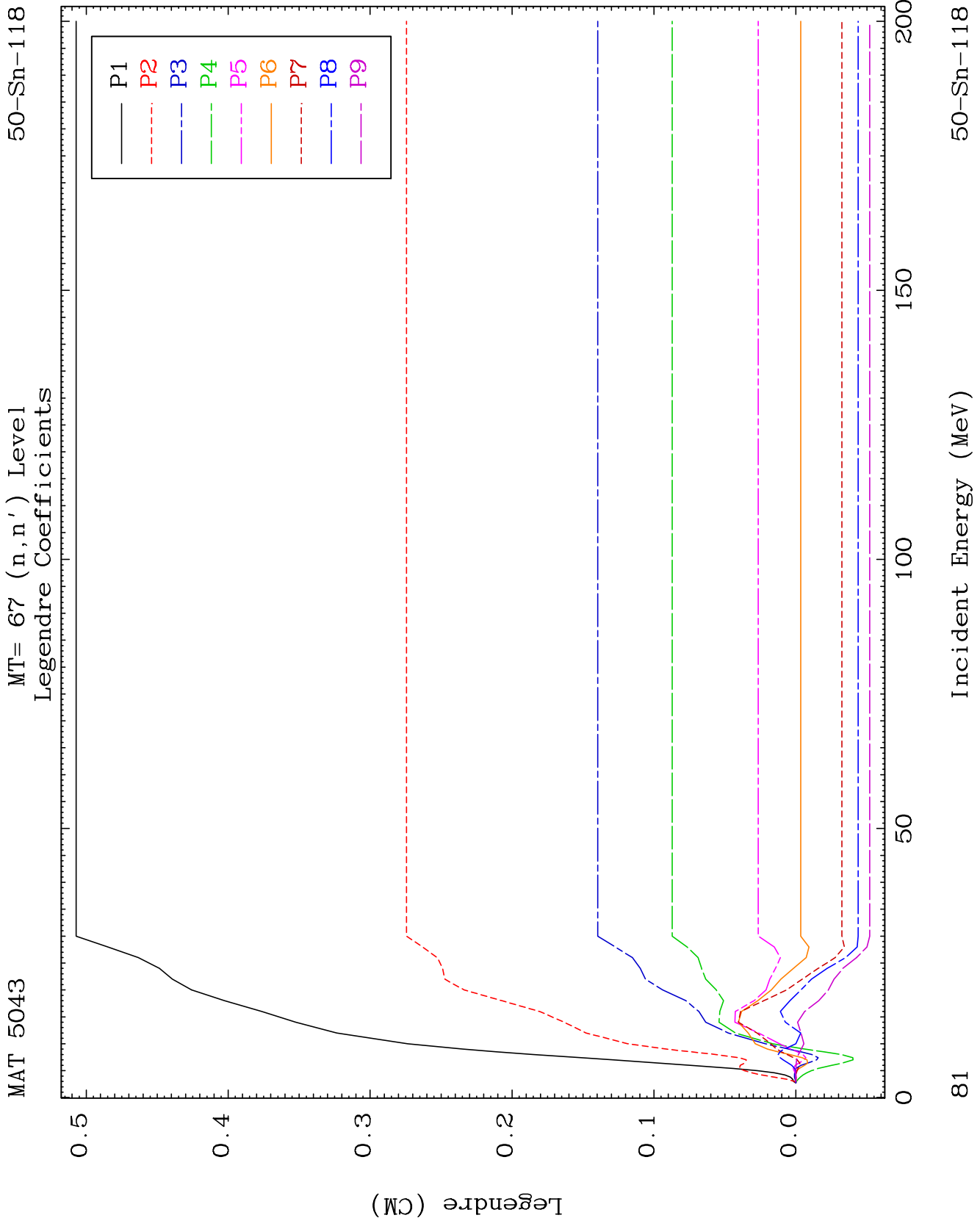
50-Sn-118

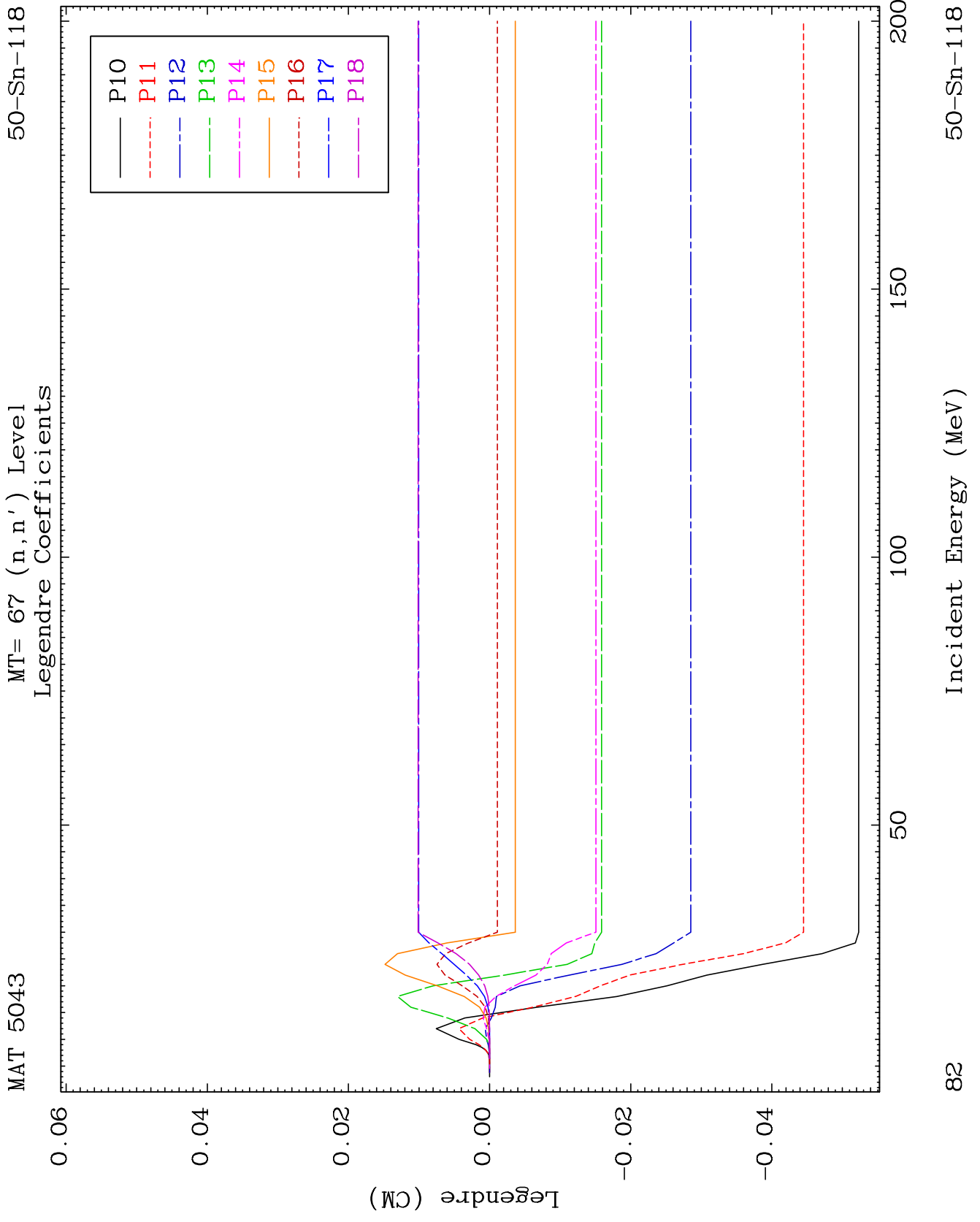
MAT 5043

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

50-Sn-118



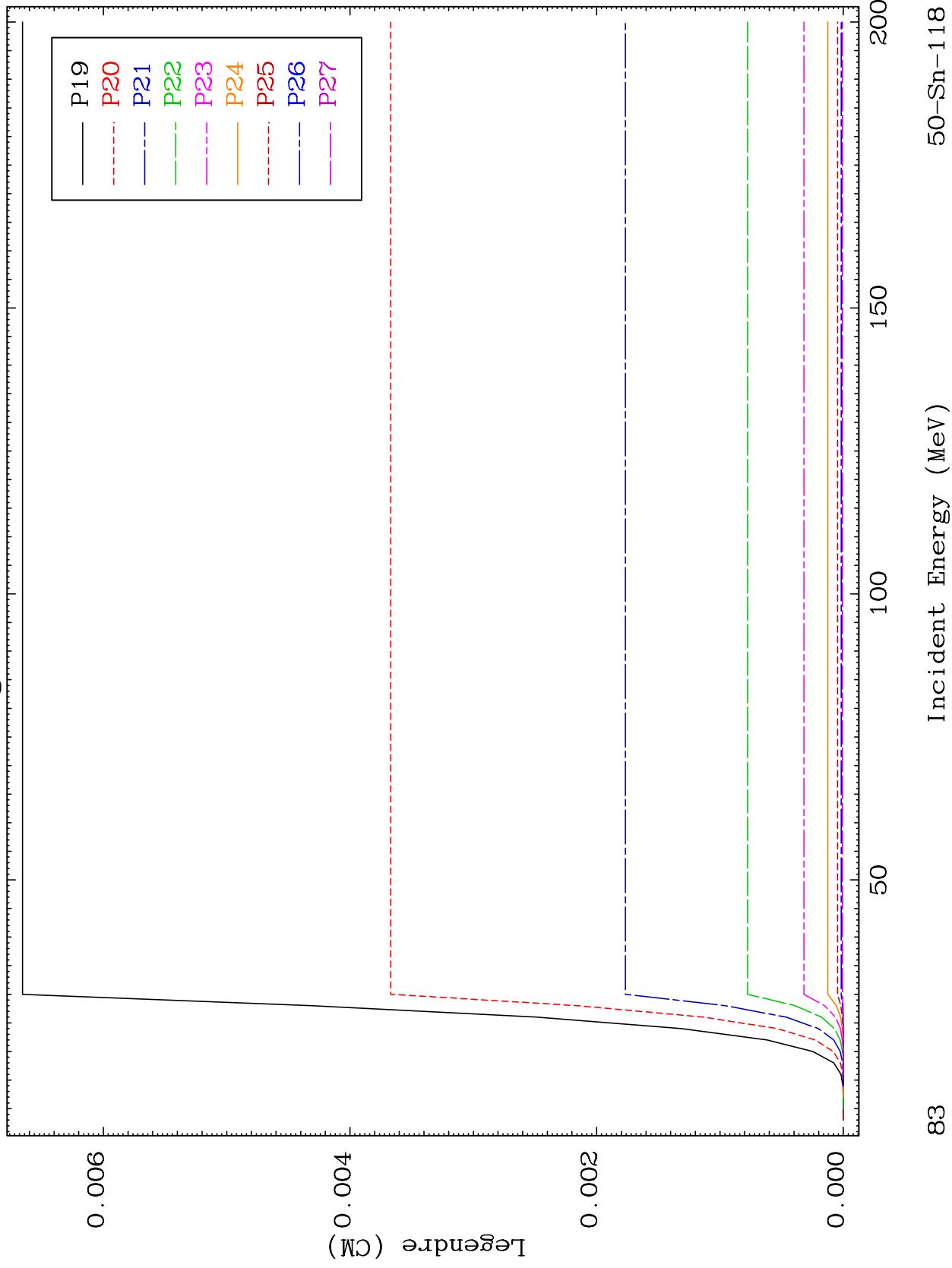




MAT 5043

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

50-Sn-118



83

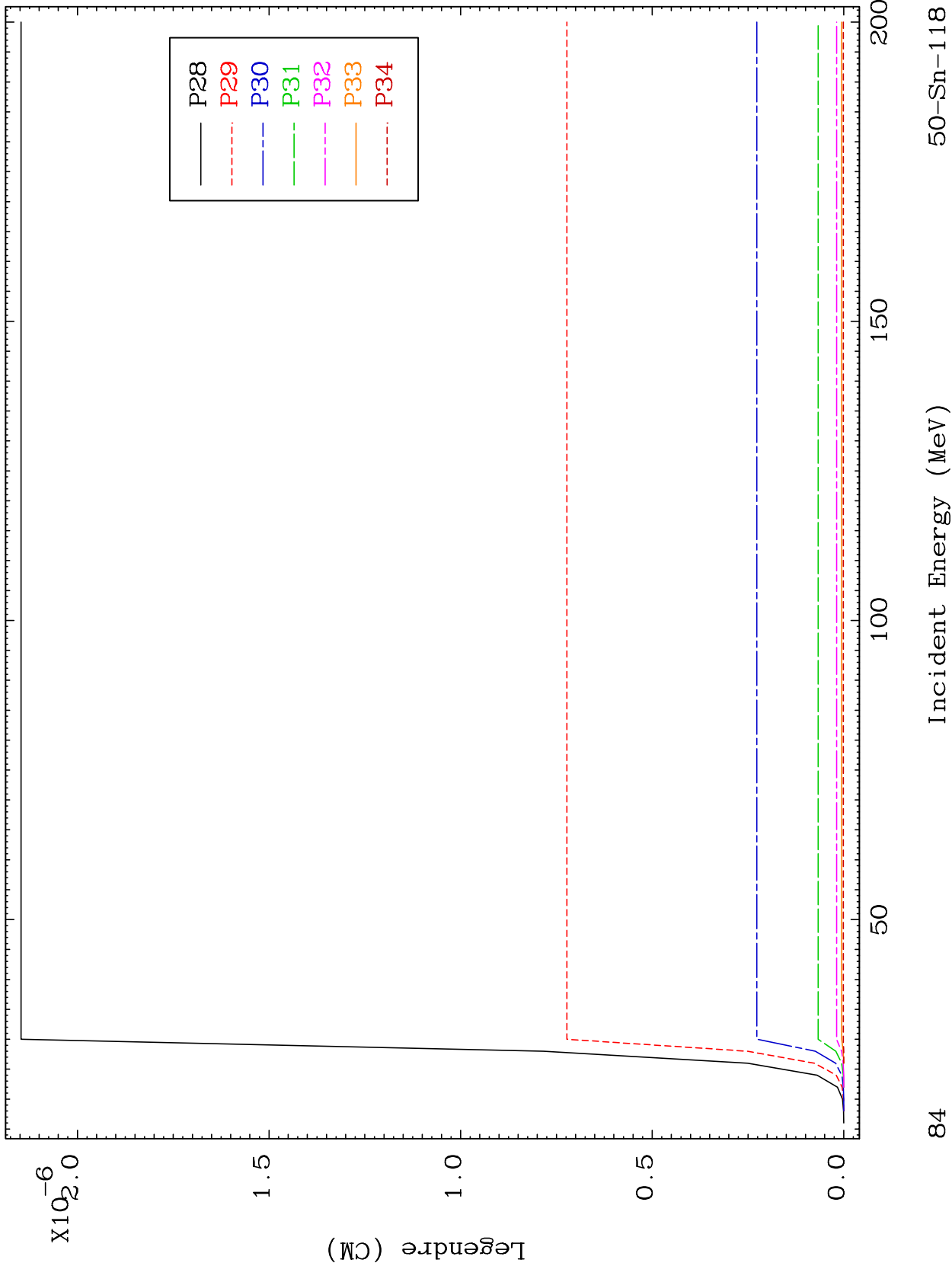
Incident Energy (MeV)

50-Sn-118

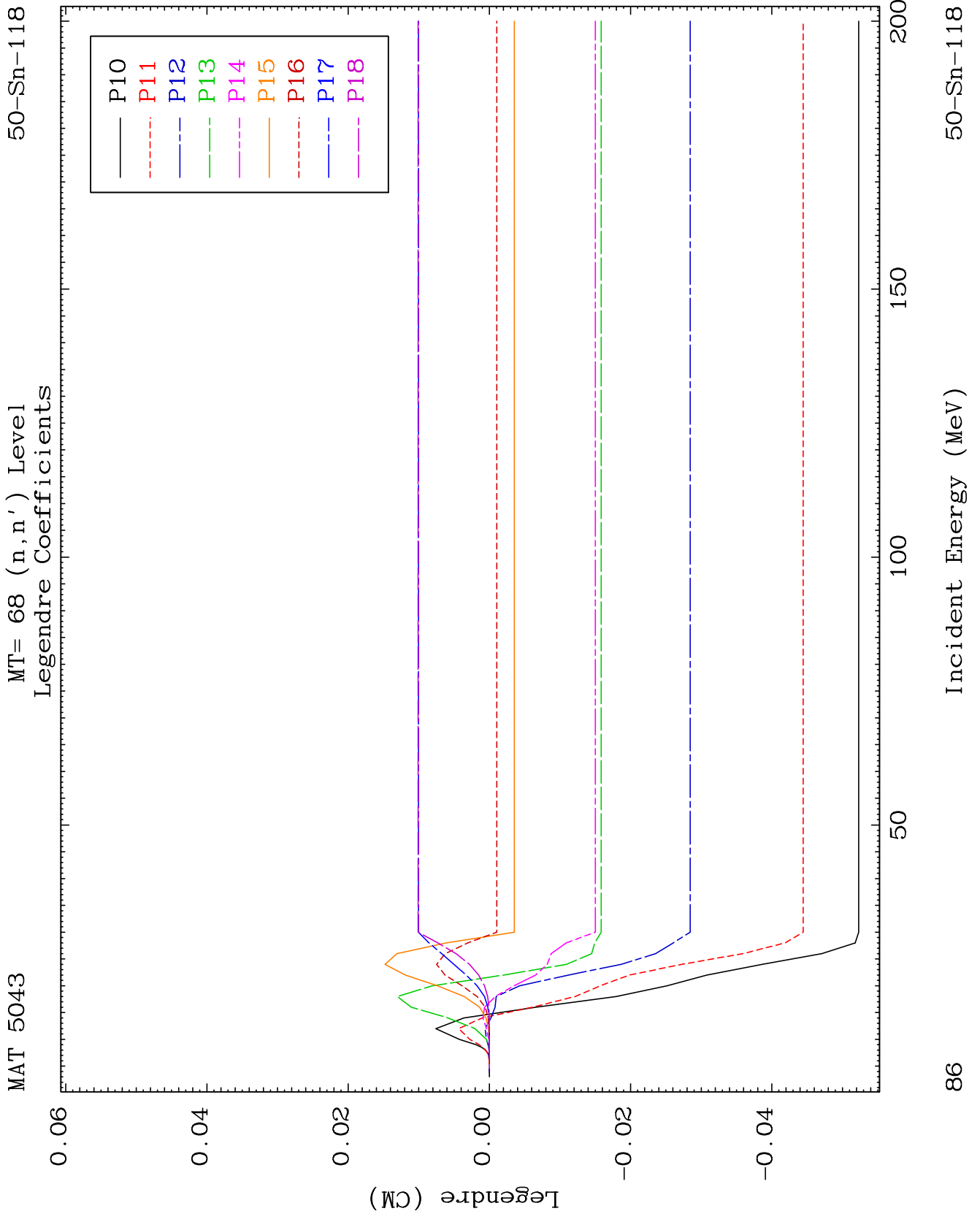
MAT 5043

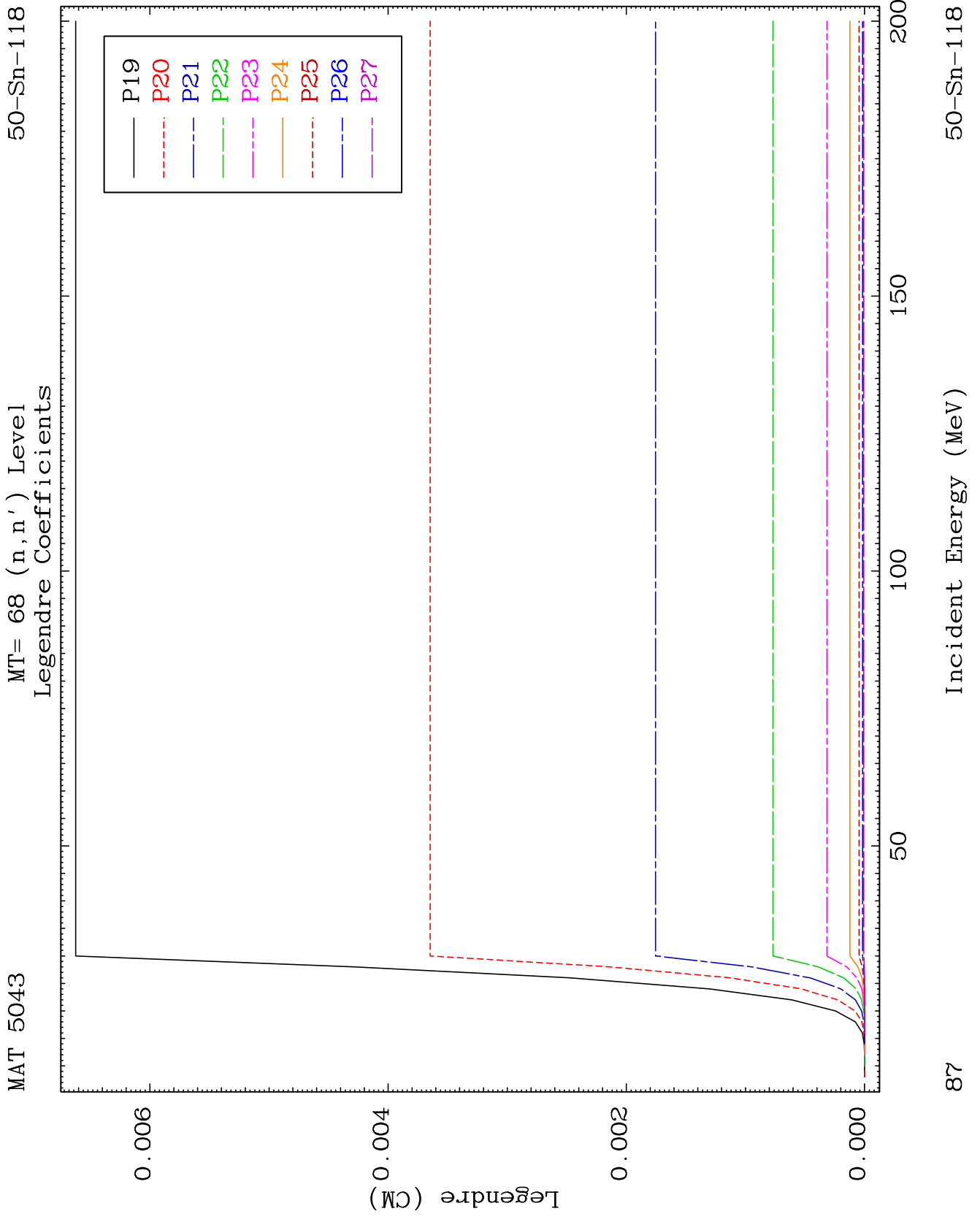
MT= 67 (n,n') Level
Legendre Coefficients

50-Sn-118



84

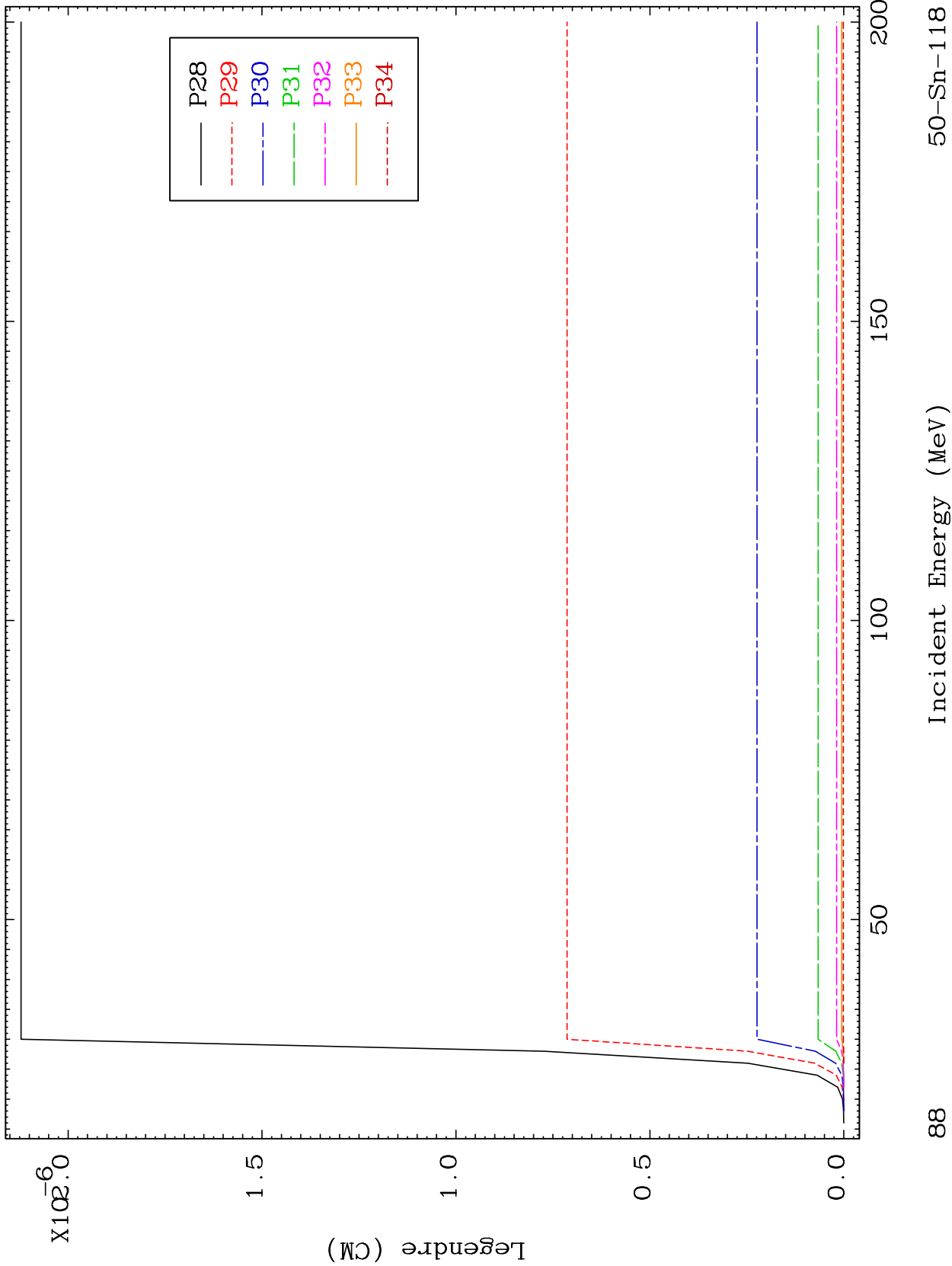




MAT 5043

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

50-Sn-118



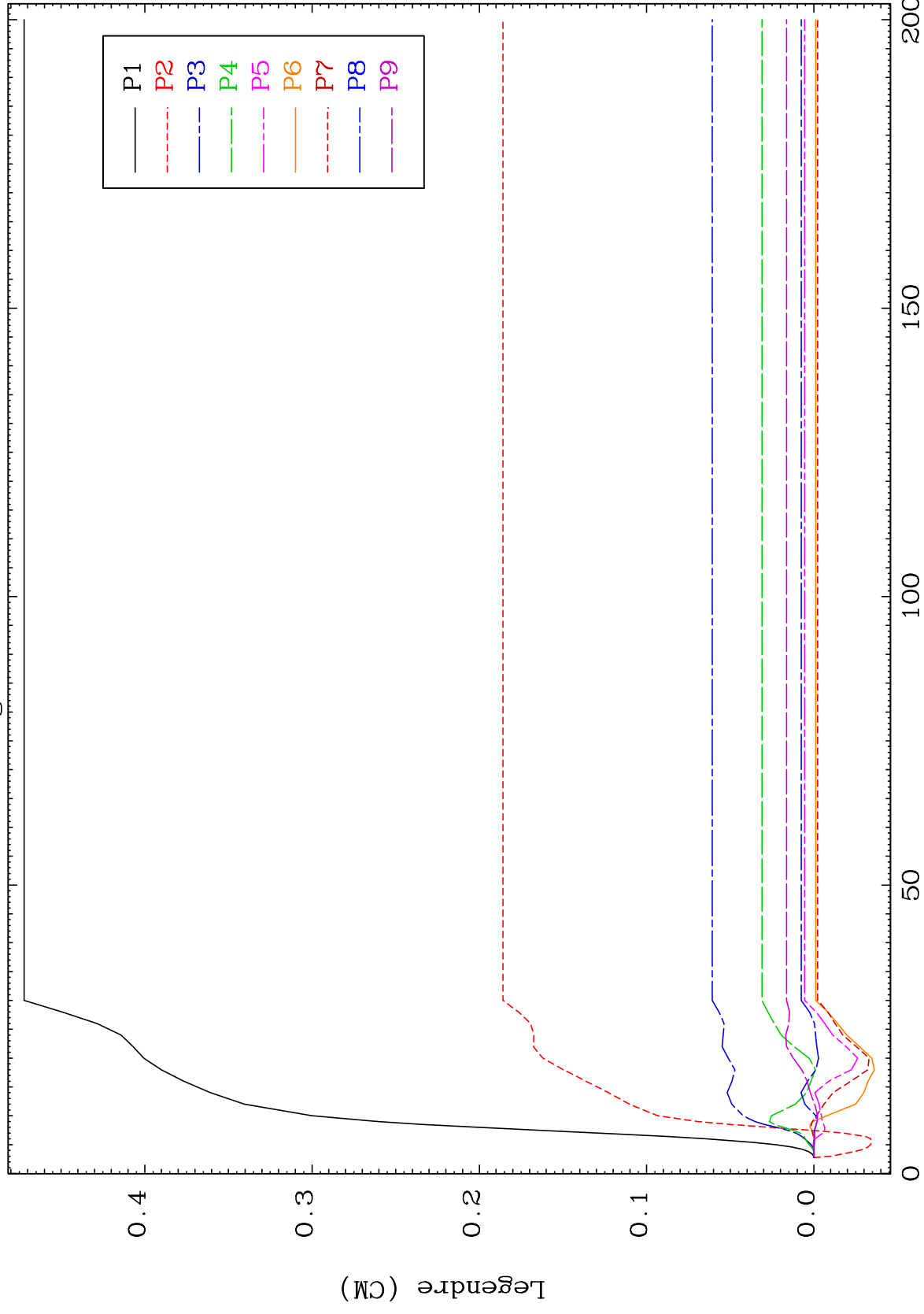
88

50-Sn-118

MAT 5043

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

50-Sn-118



50-Sn-118

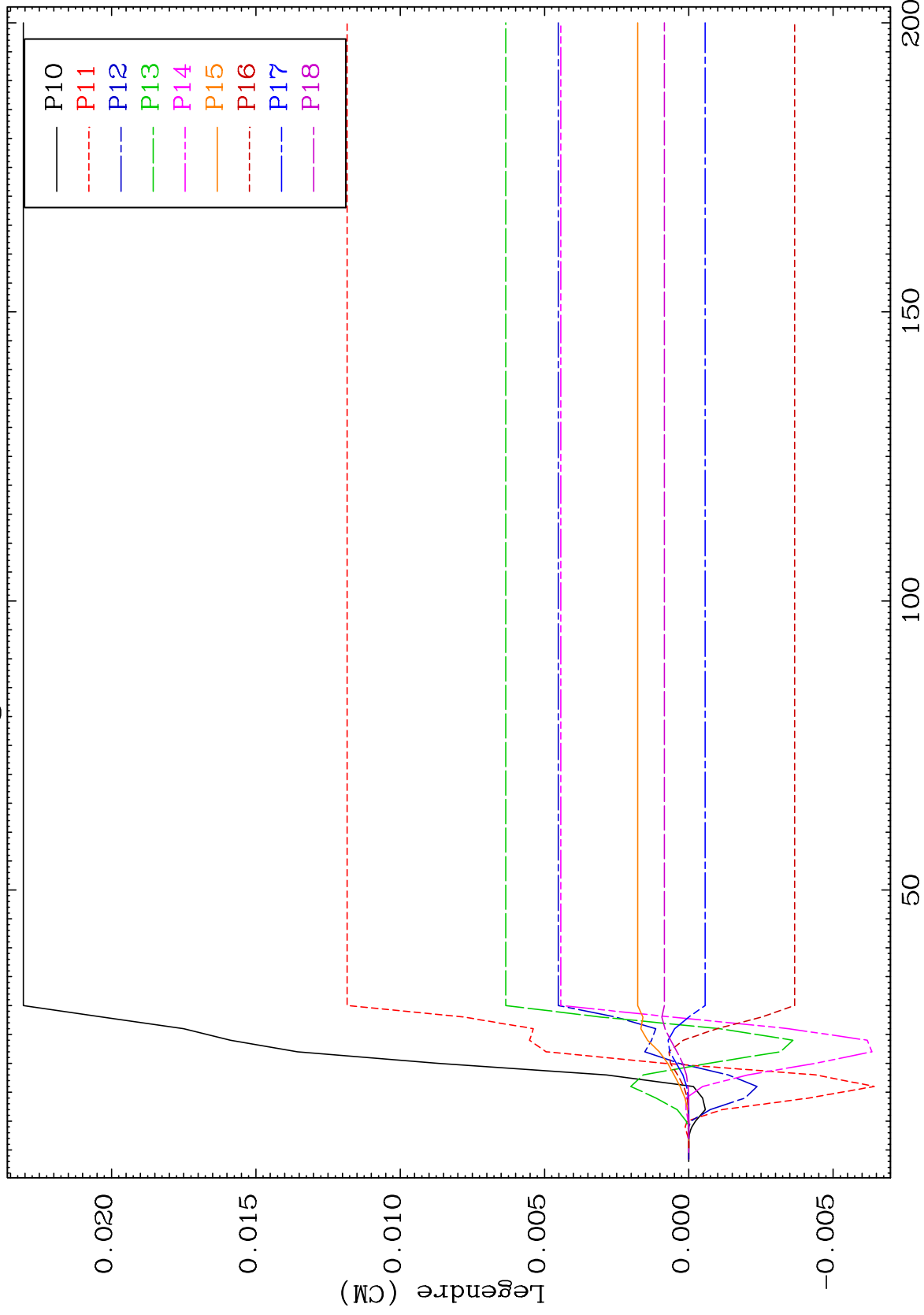
Incident Energy (MeV)

89

MAT 5043

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

50-Sn-118



90

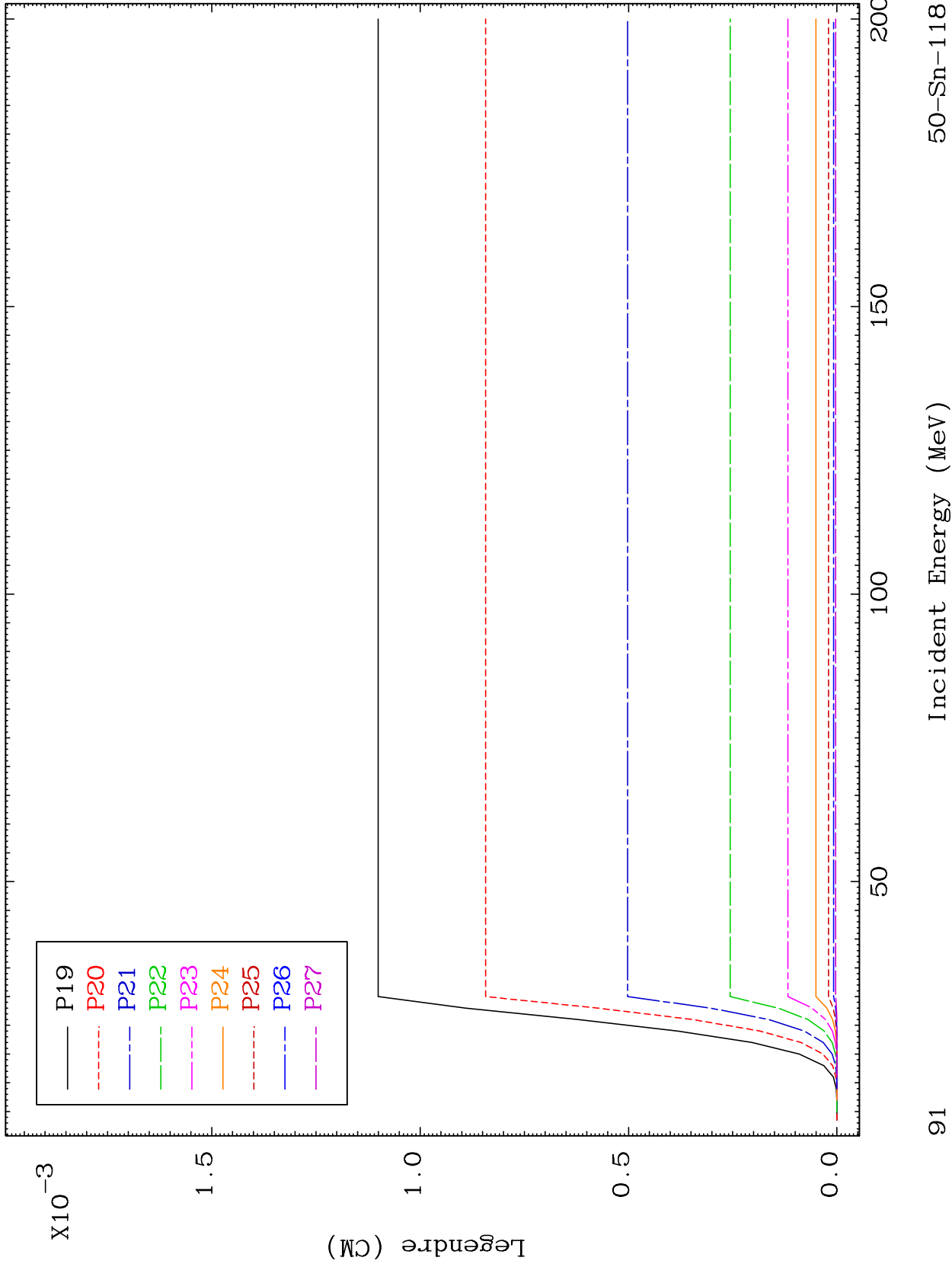
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

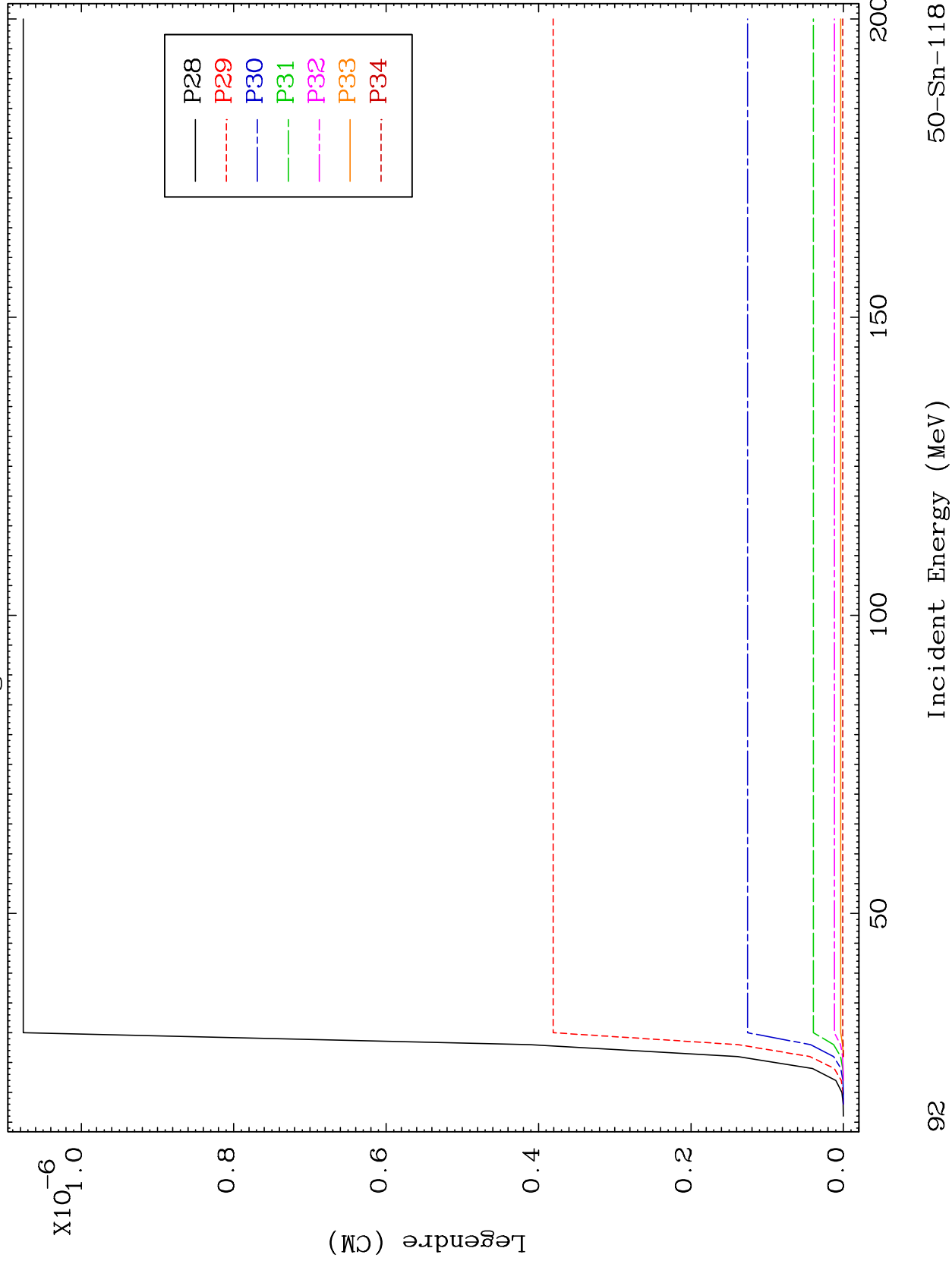
50-Sn-118

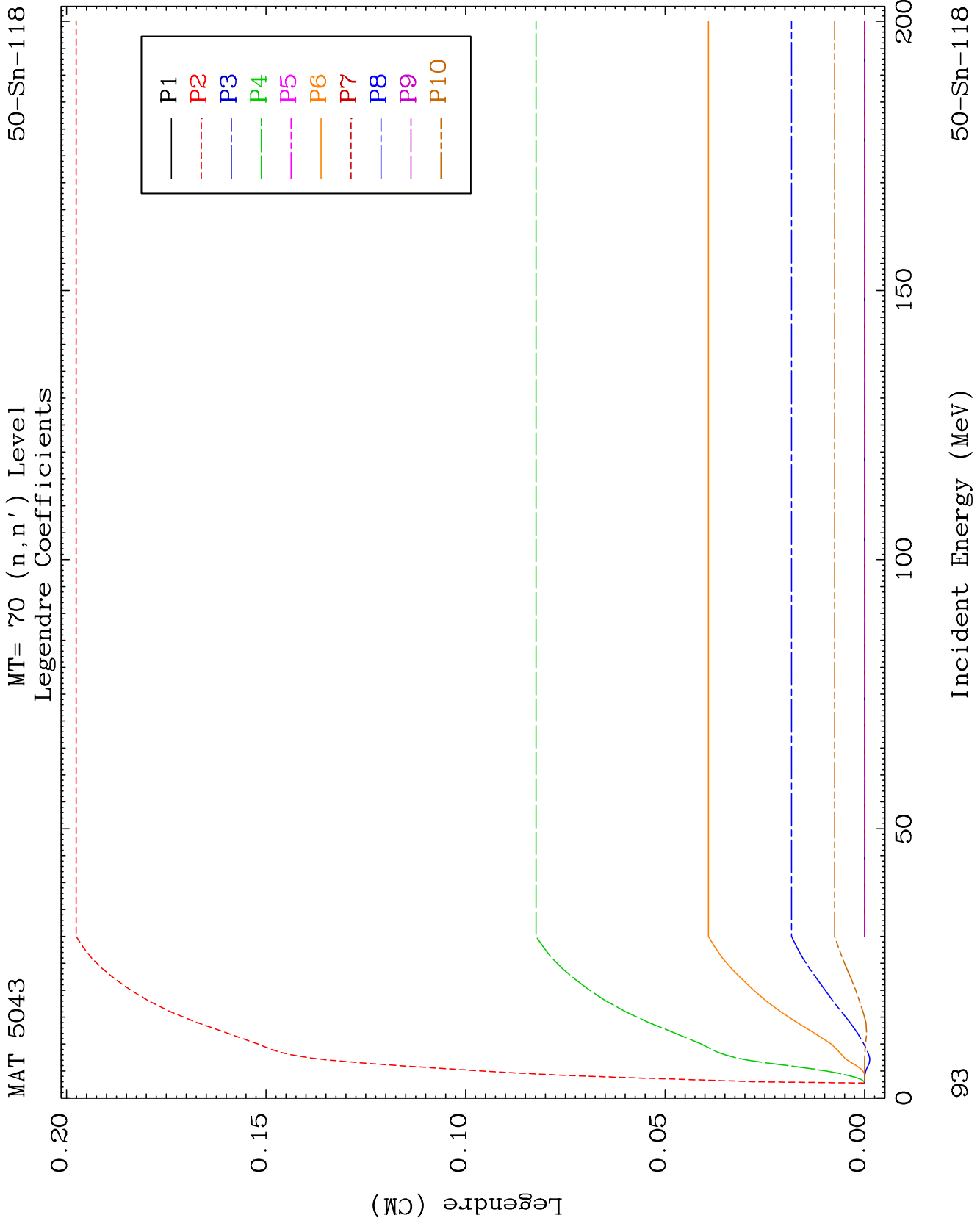


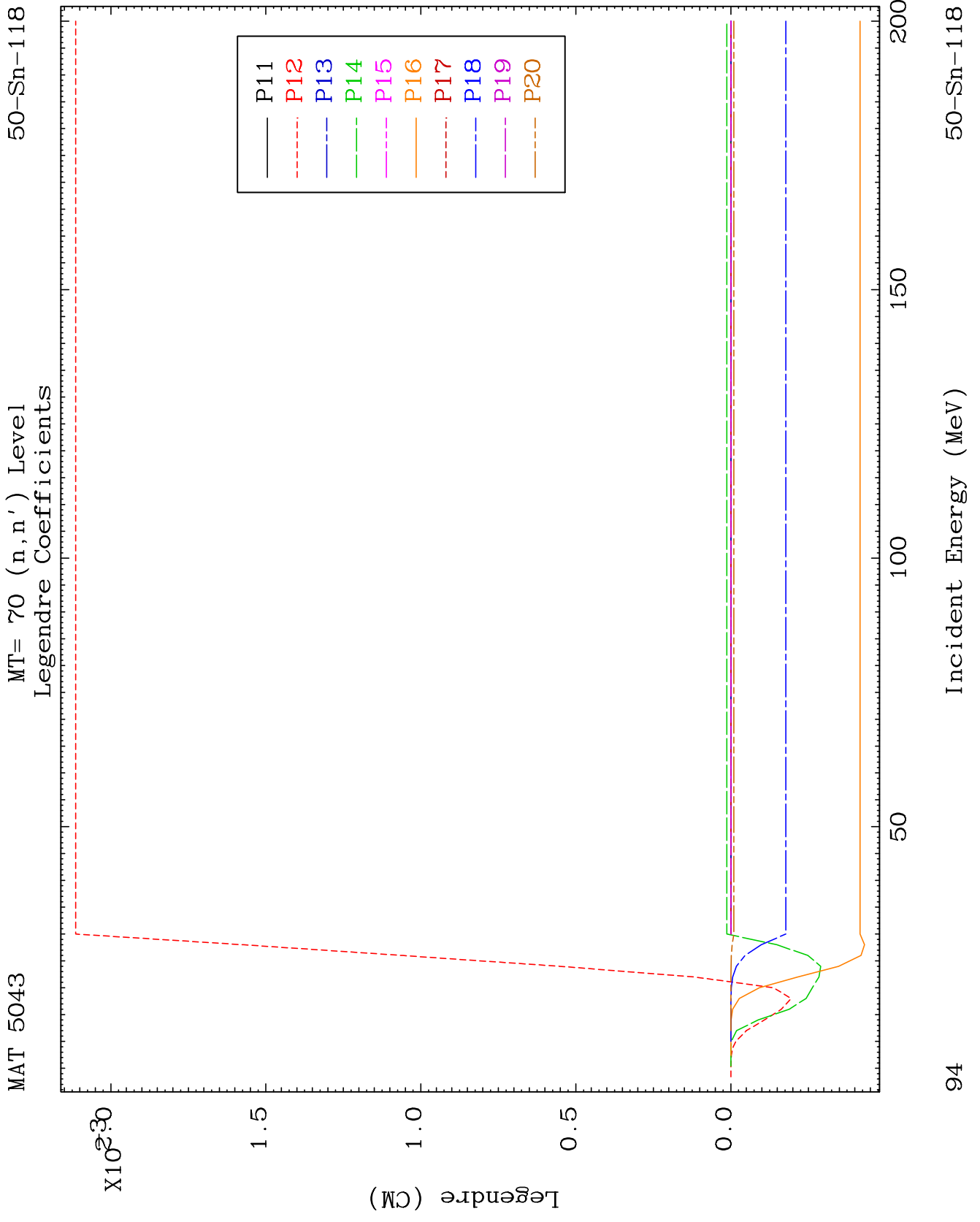
MAT 5043

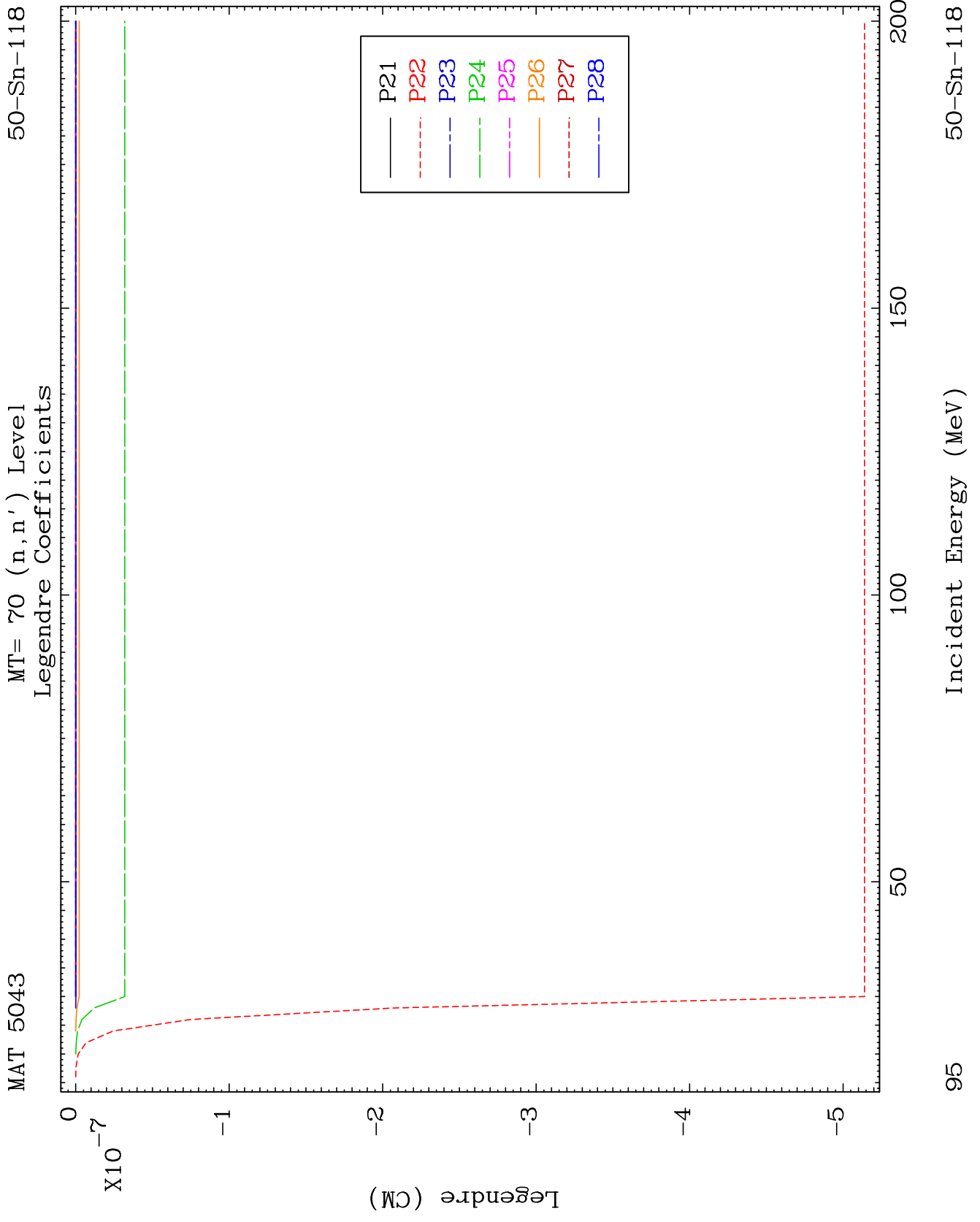
MT= 69 (n,n') Level
Legendre Coefficients

50-Sn-118





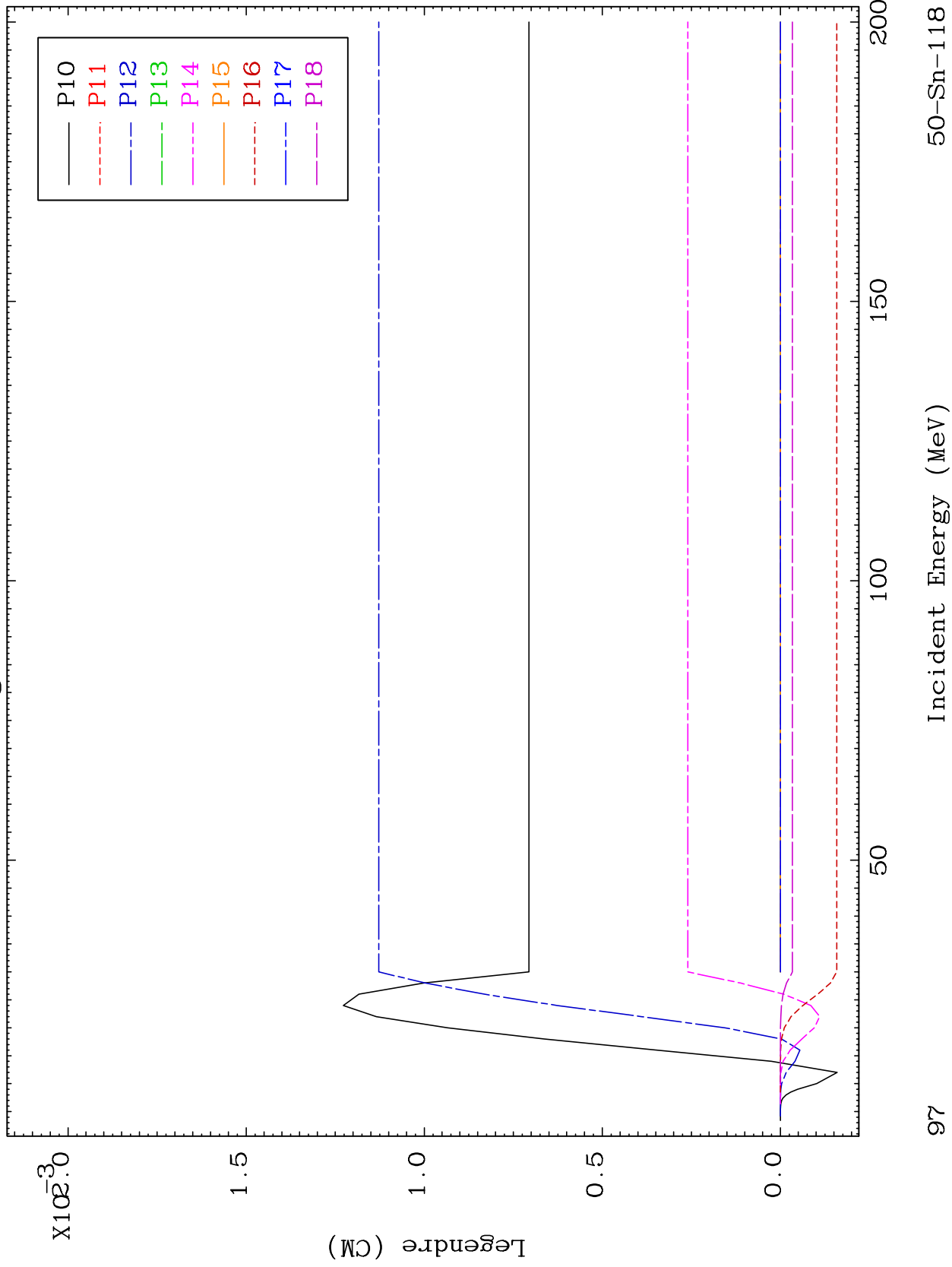


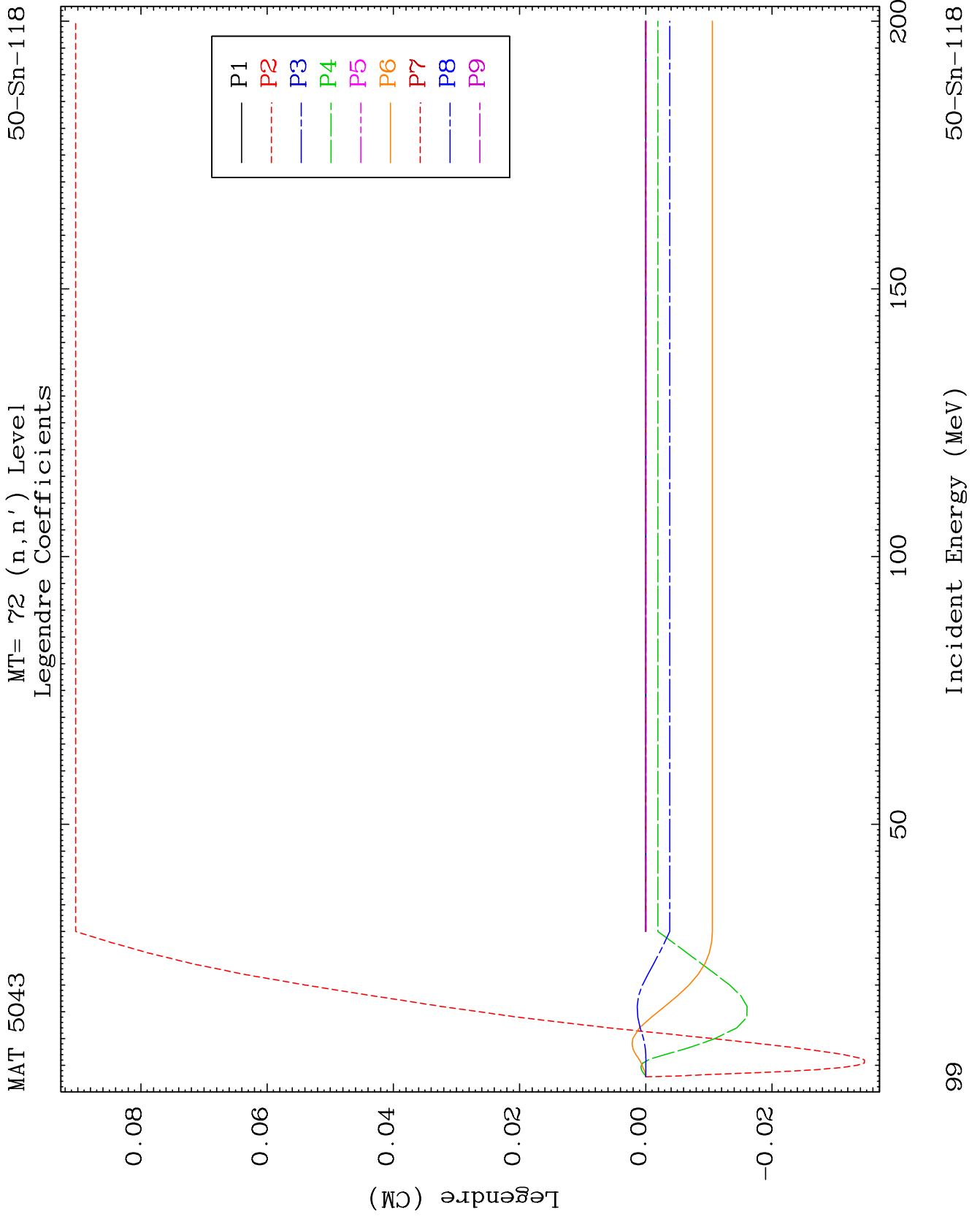


MAT 5043

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

50-Sn-118

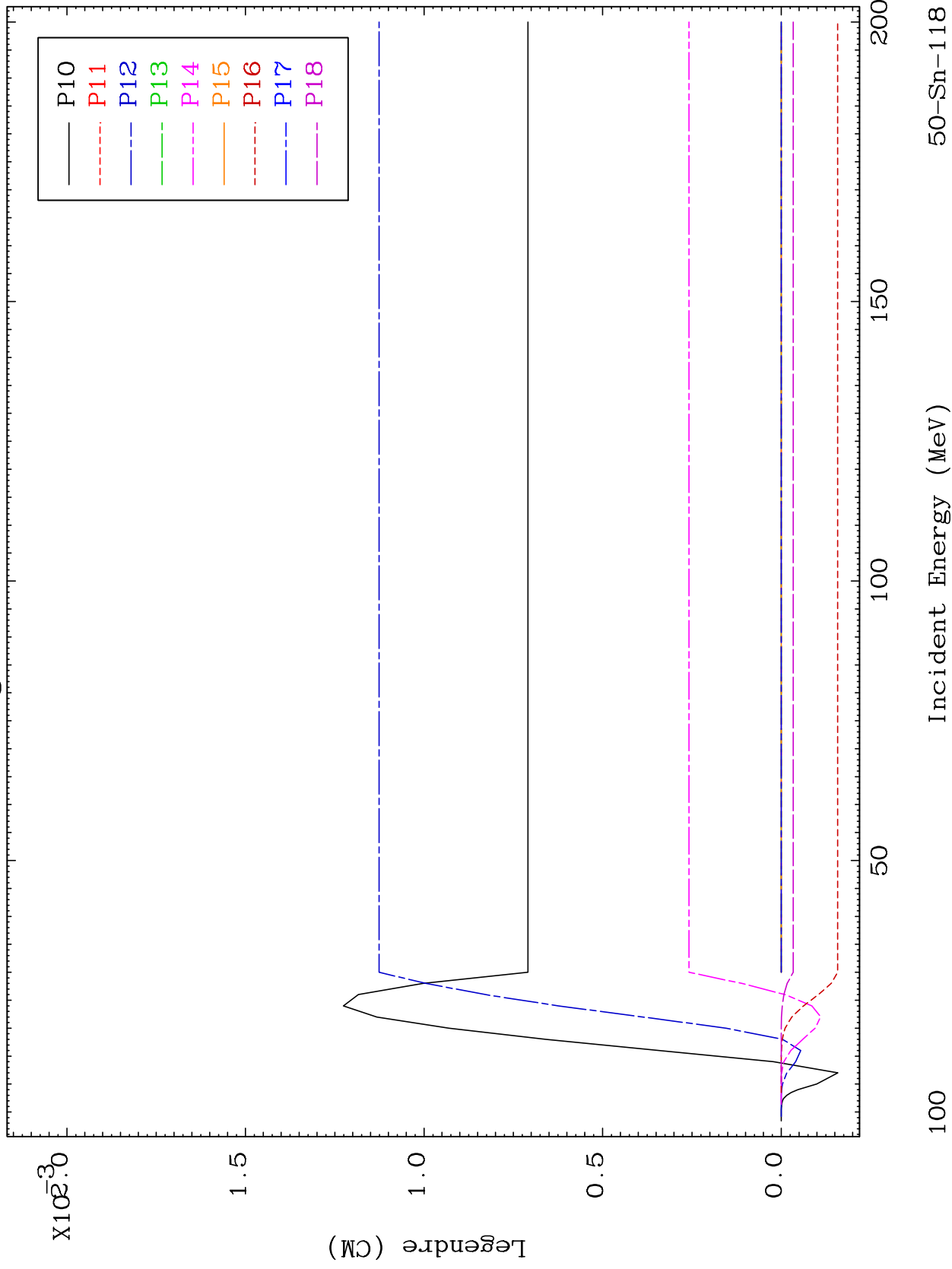


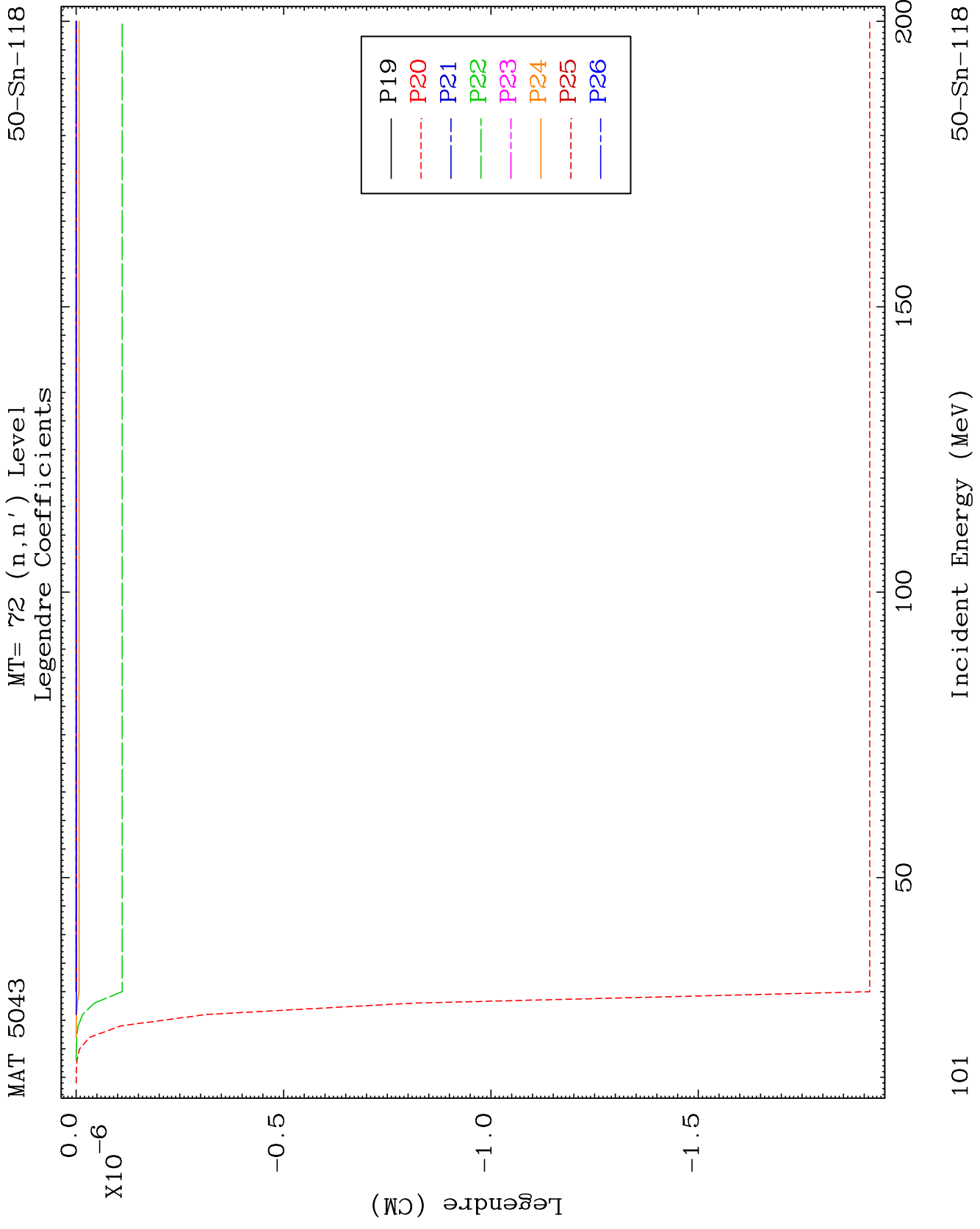


MAT 5043

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

50-Sn-118

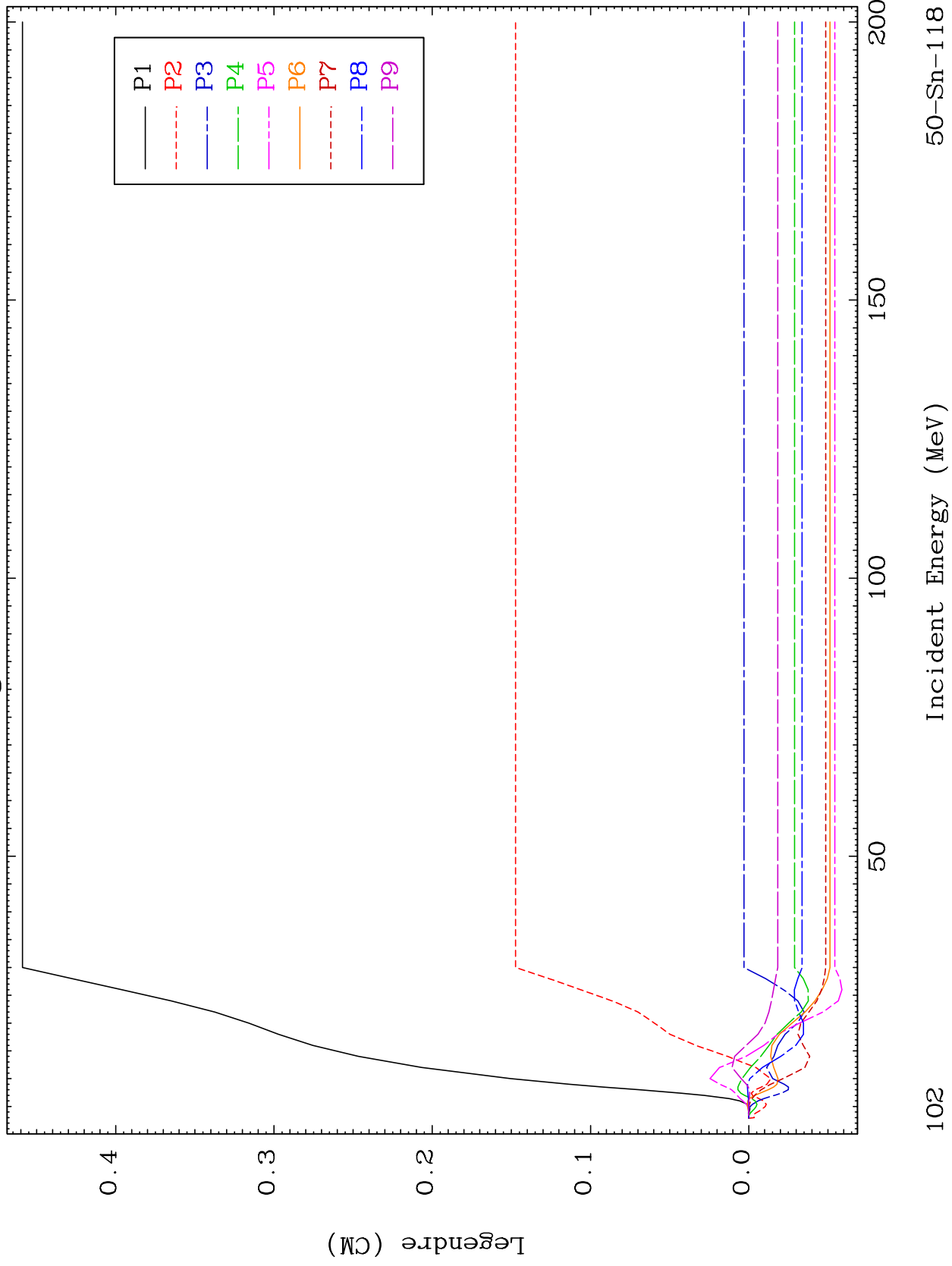




MAT 5043

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

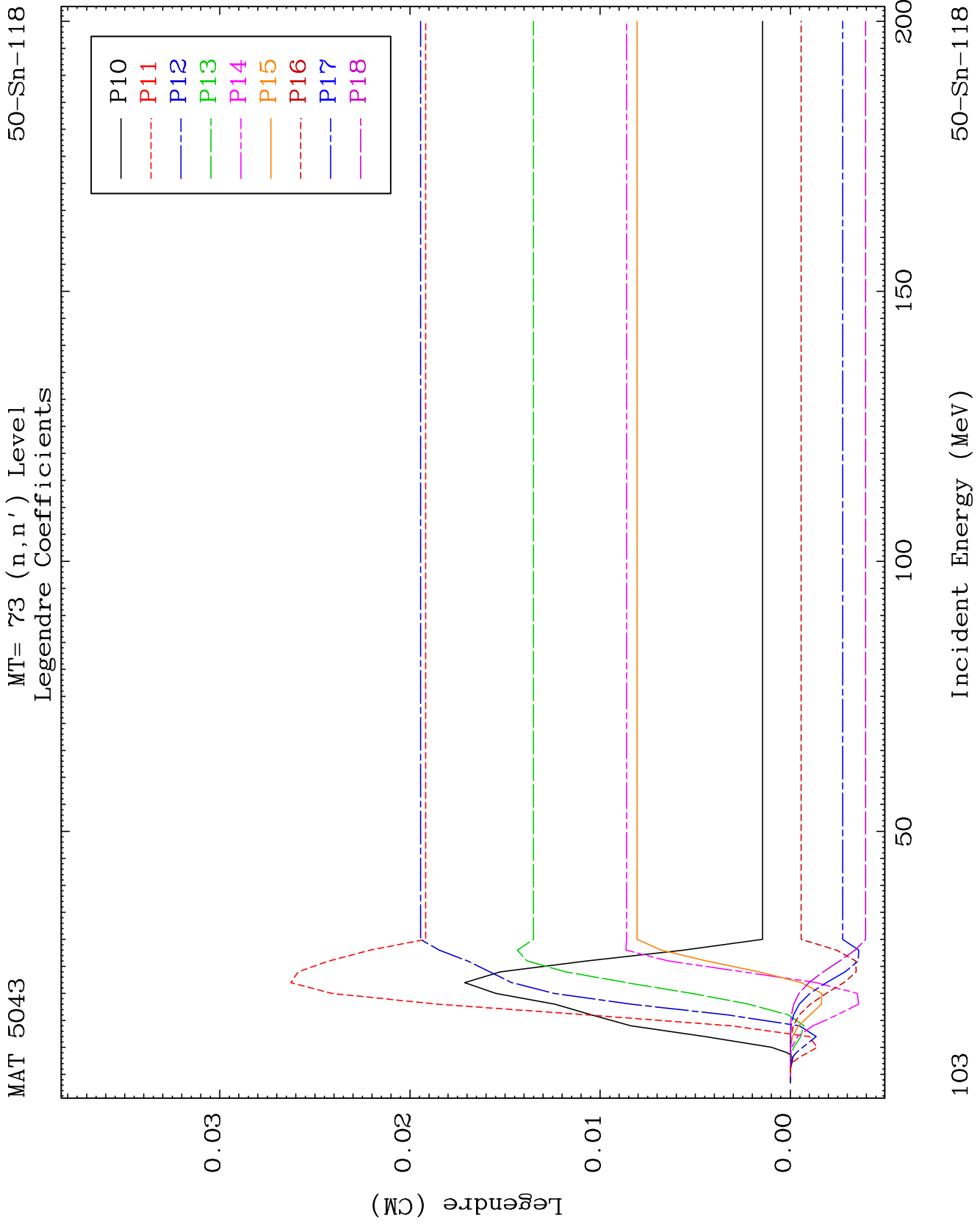
50-Sn-118

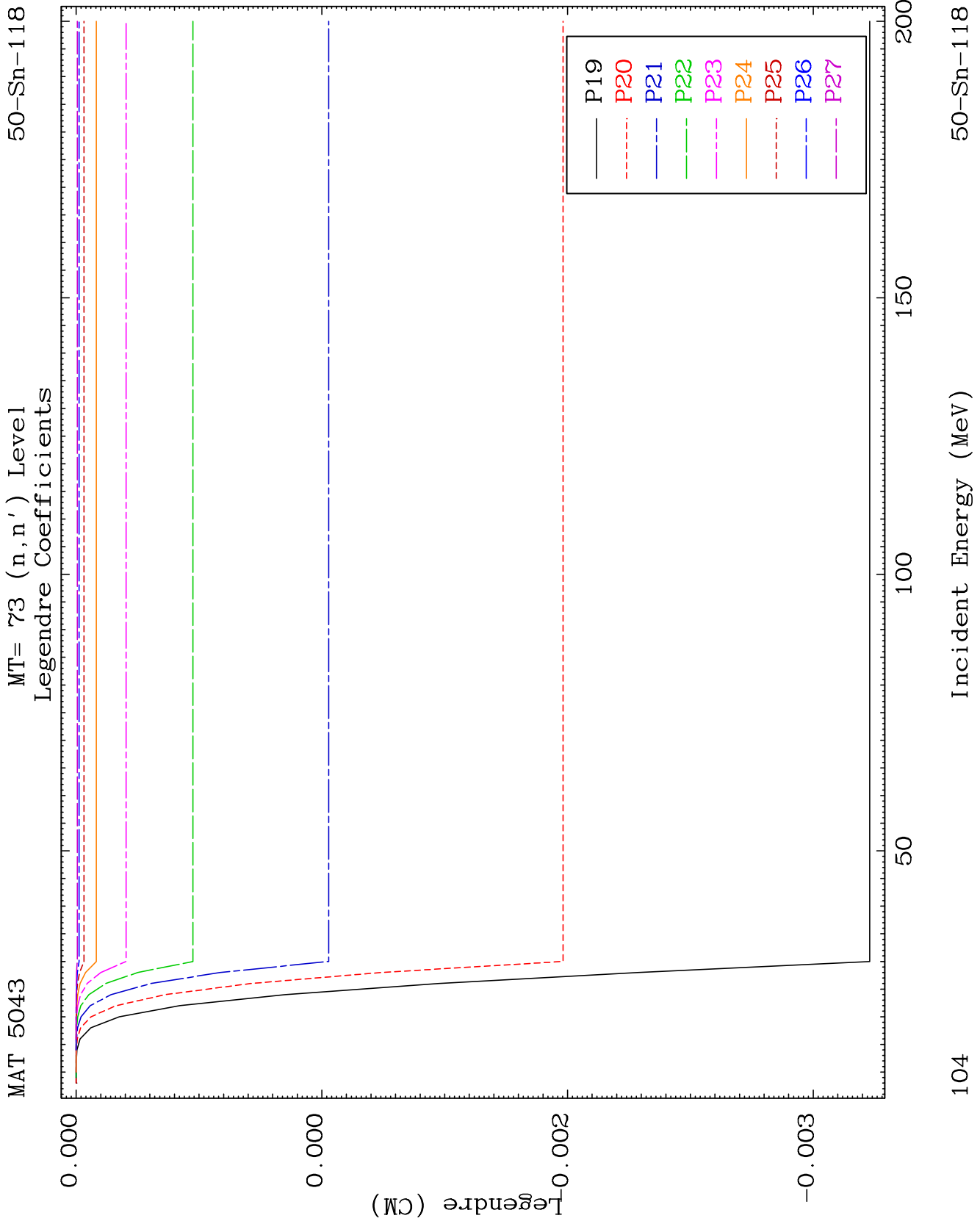


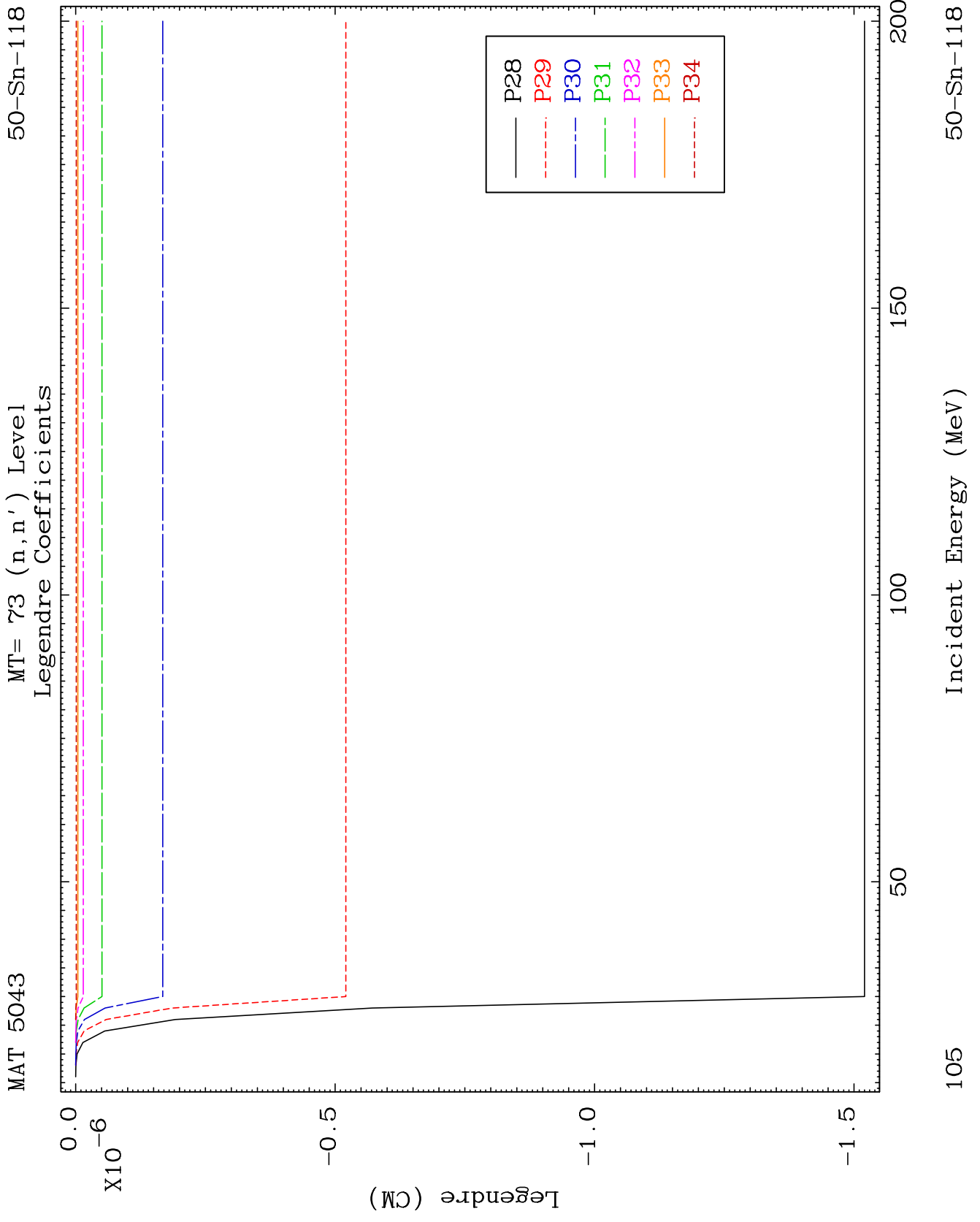
102

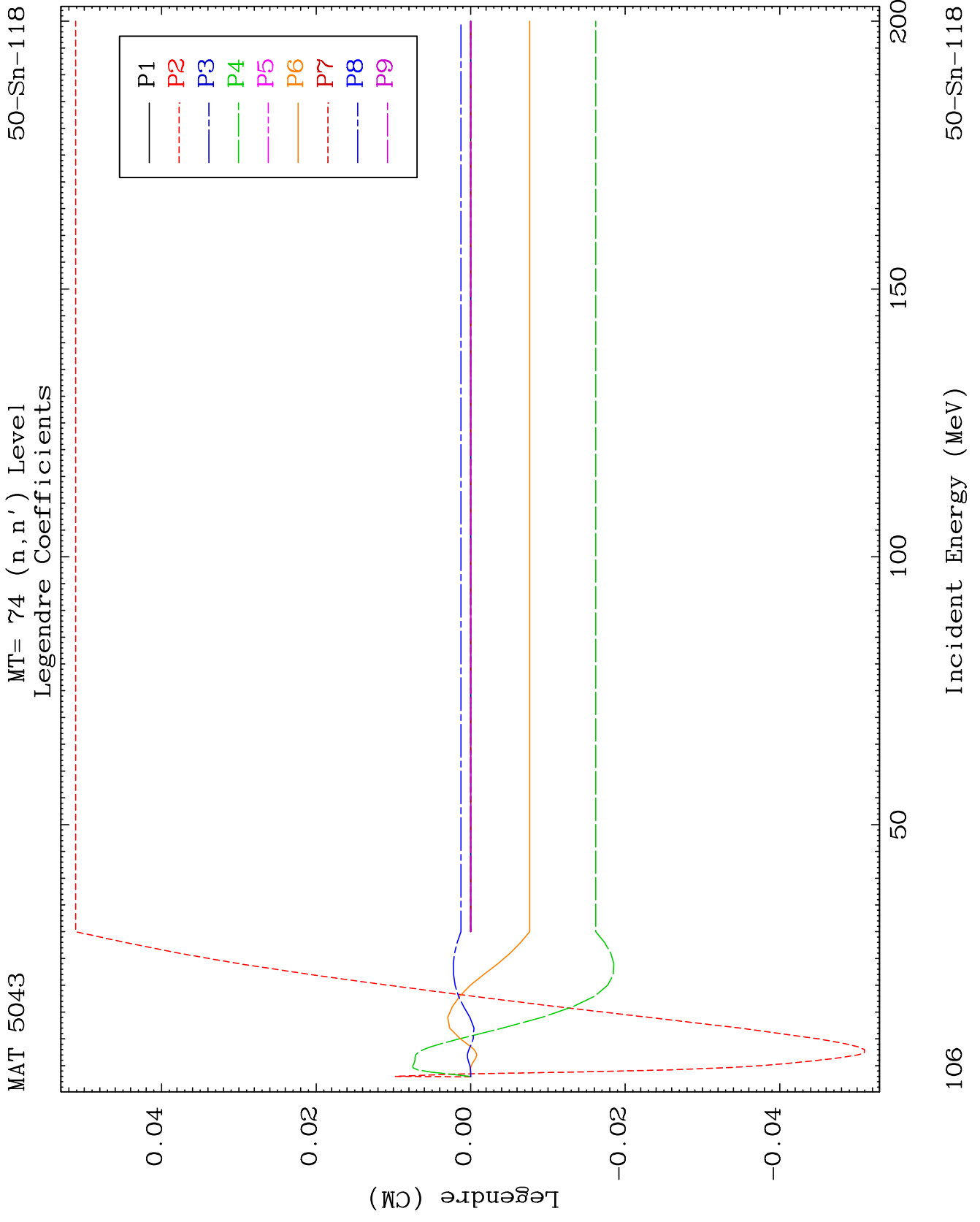
Incident Energy (MeV)

50-Sn-118





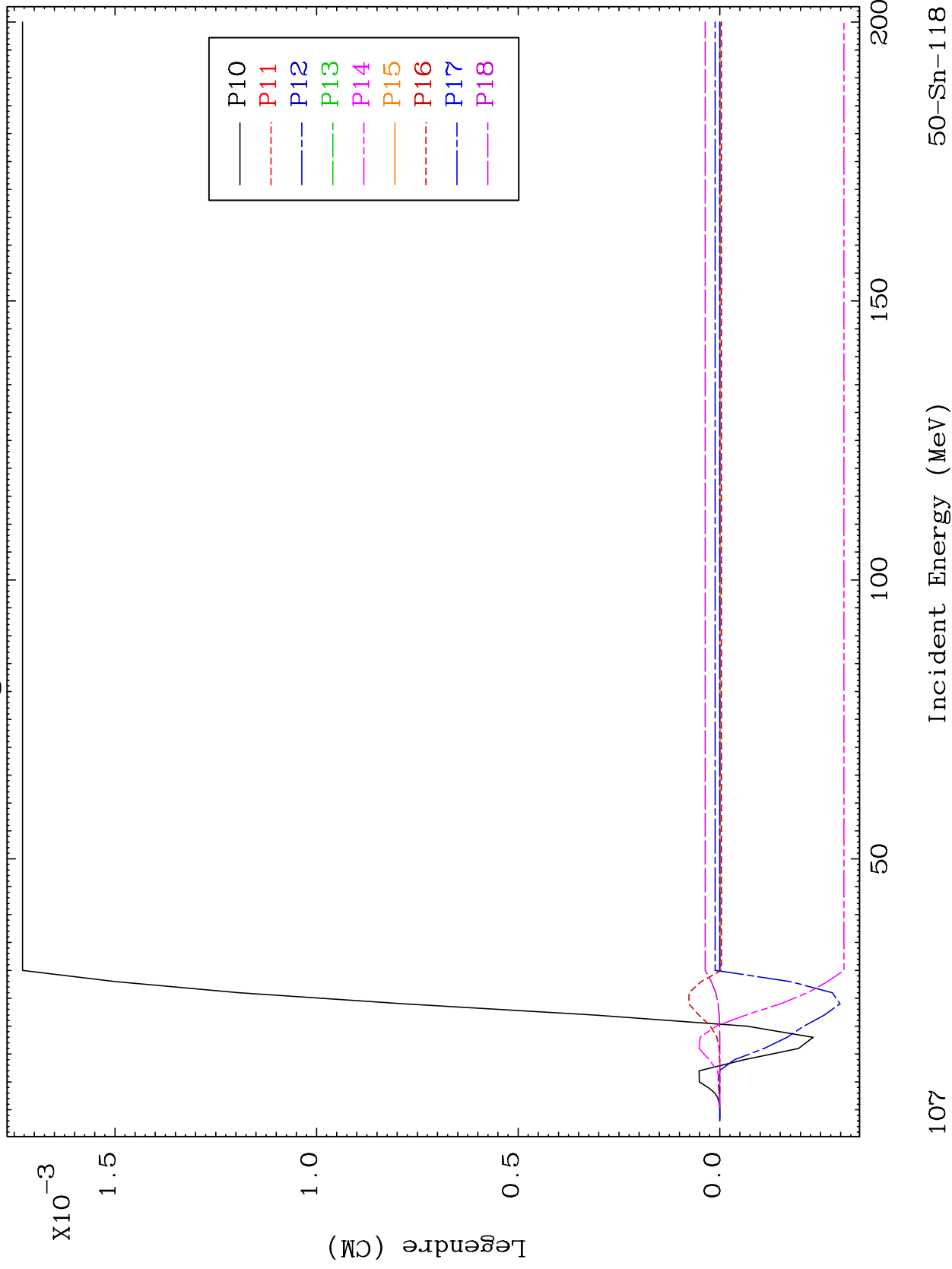


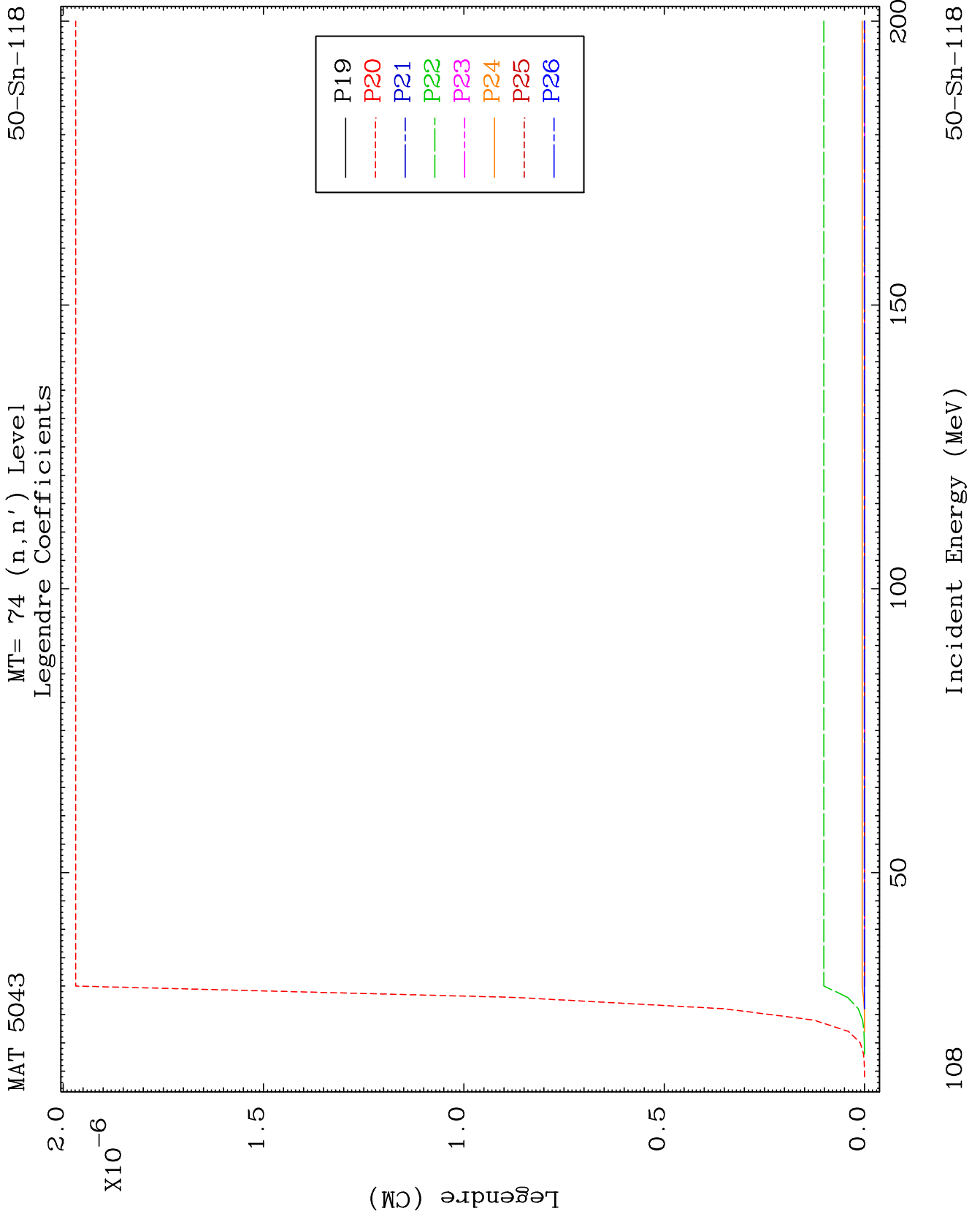


MAT 5043

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

50-Sn-118

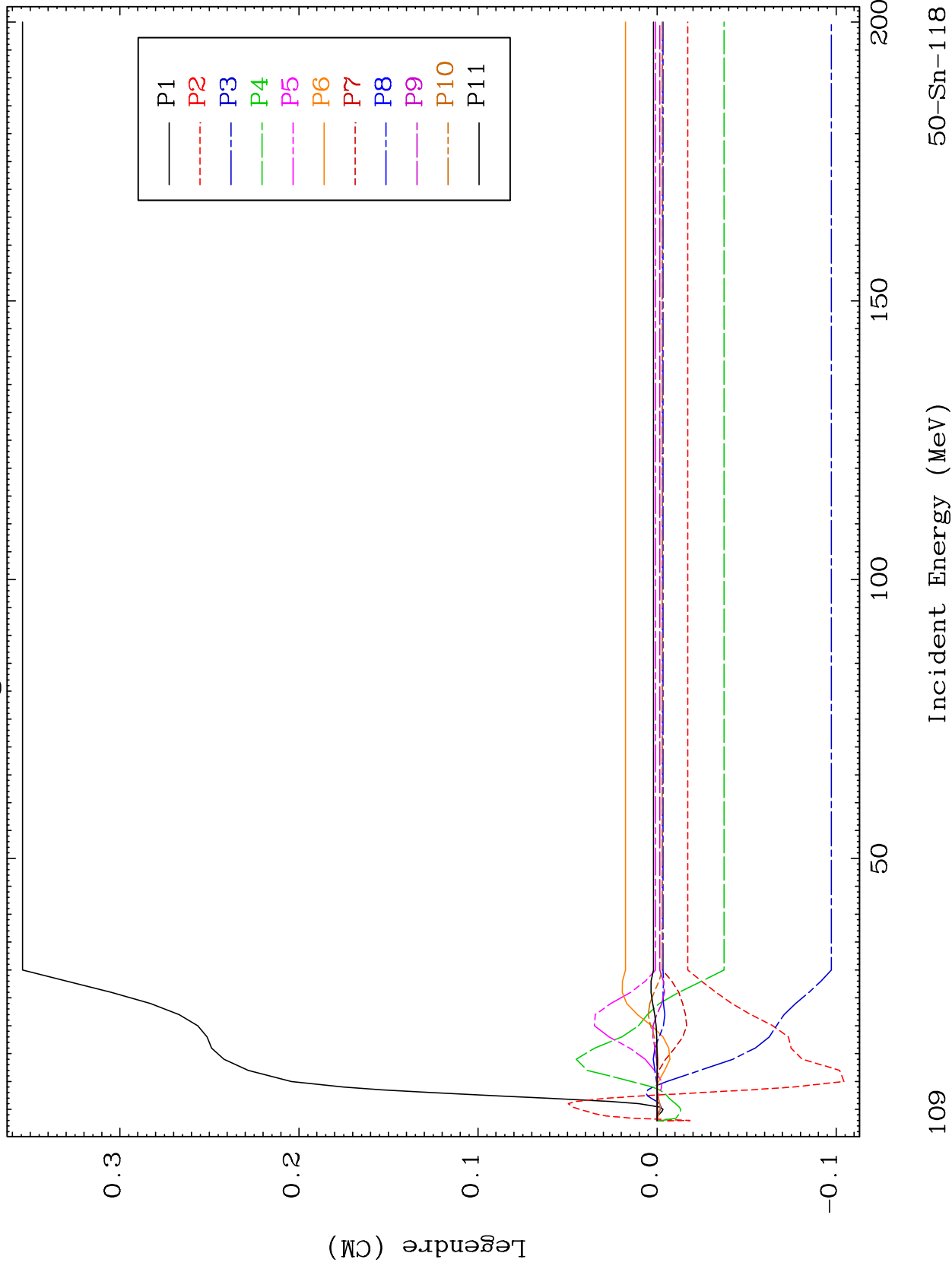




MAT 5043

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

50-Sn-118



50-Sn-118

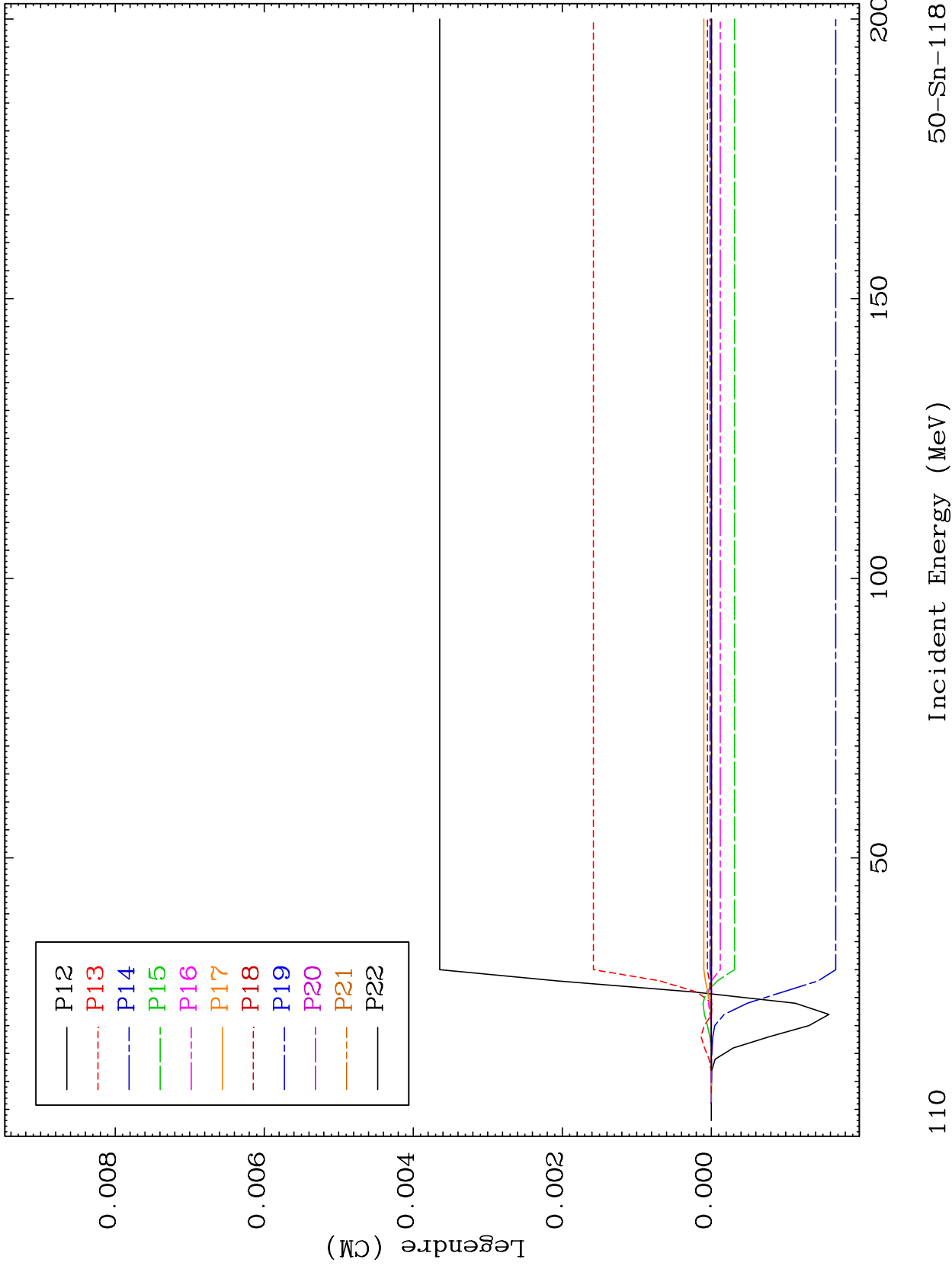
Incident Energy (MeV)

109

MAT 5043

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

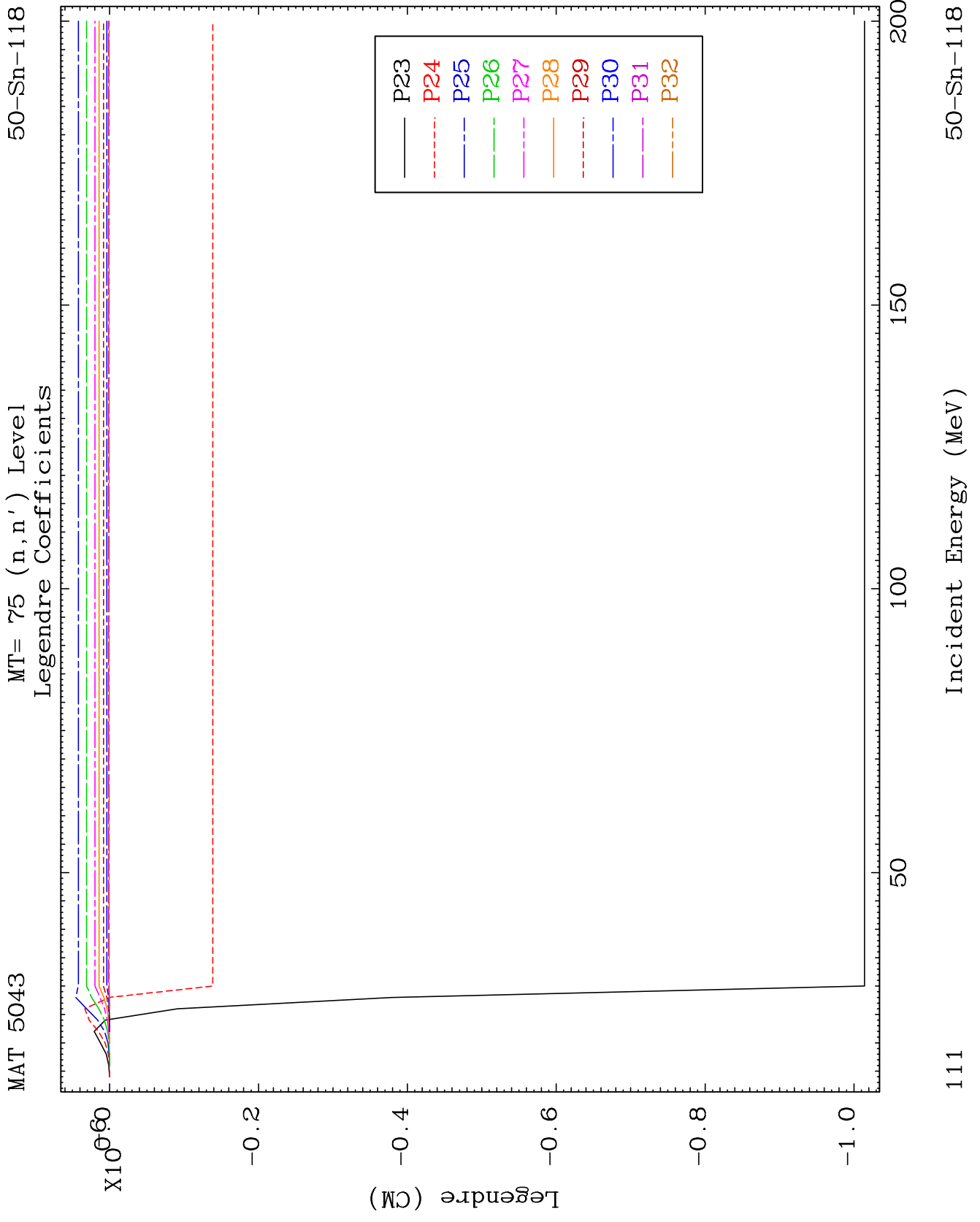
50-Sn-118



110

Incident Energy (MeV)

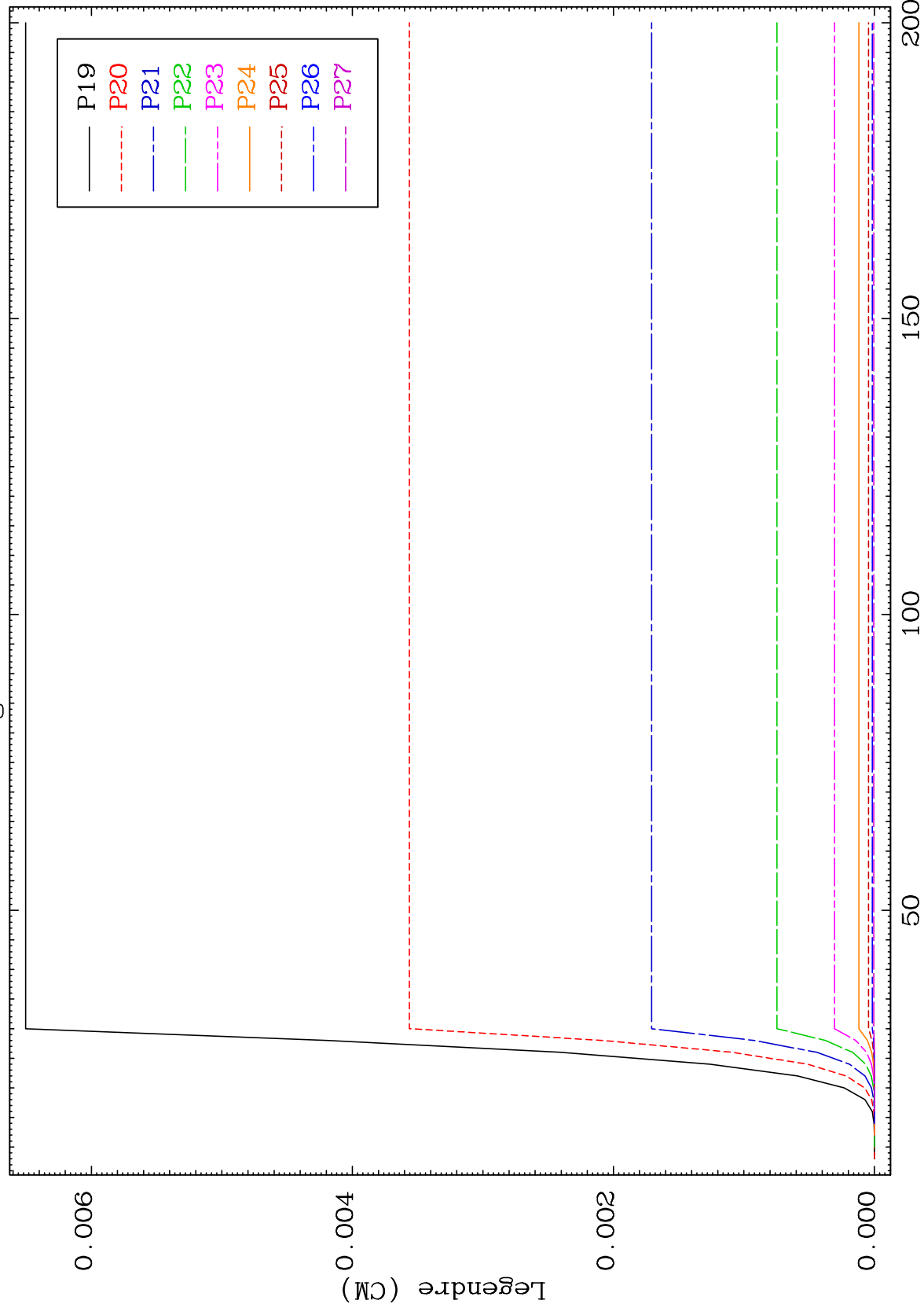
50-Sn-118



MAT 5043

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

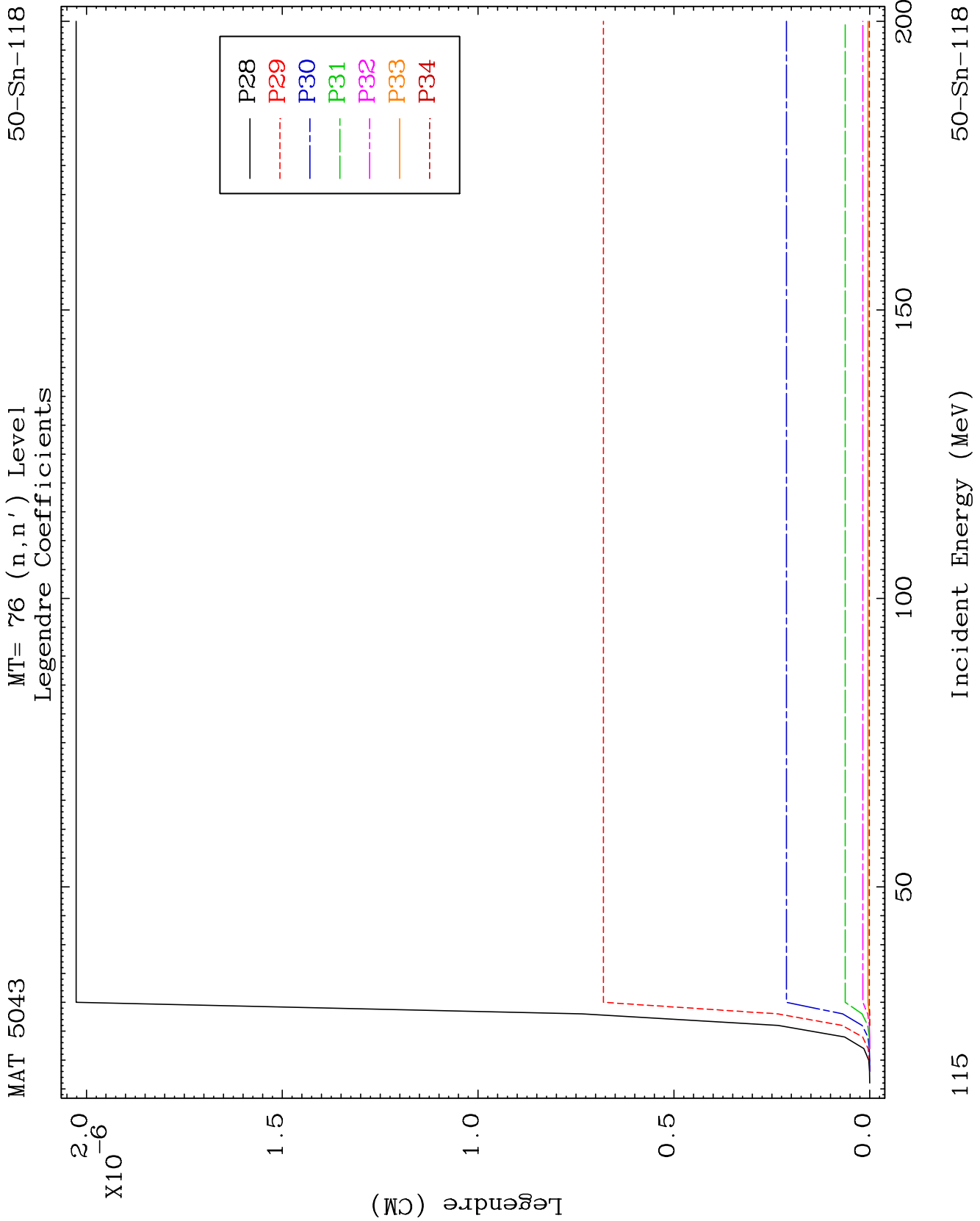
50-Sn-118

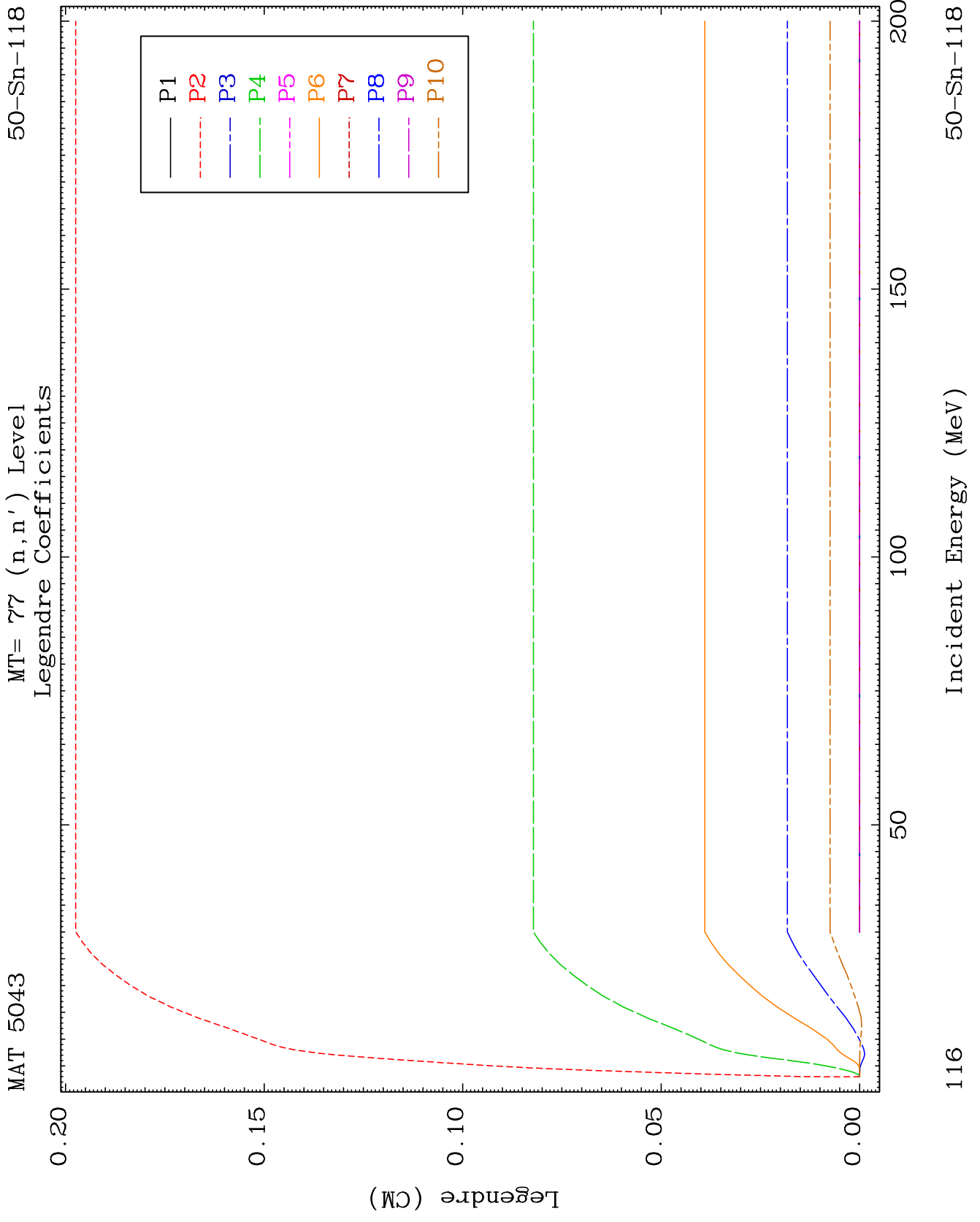


114

Incident Energy (MeV)

50-Sn-118

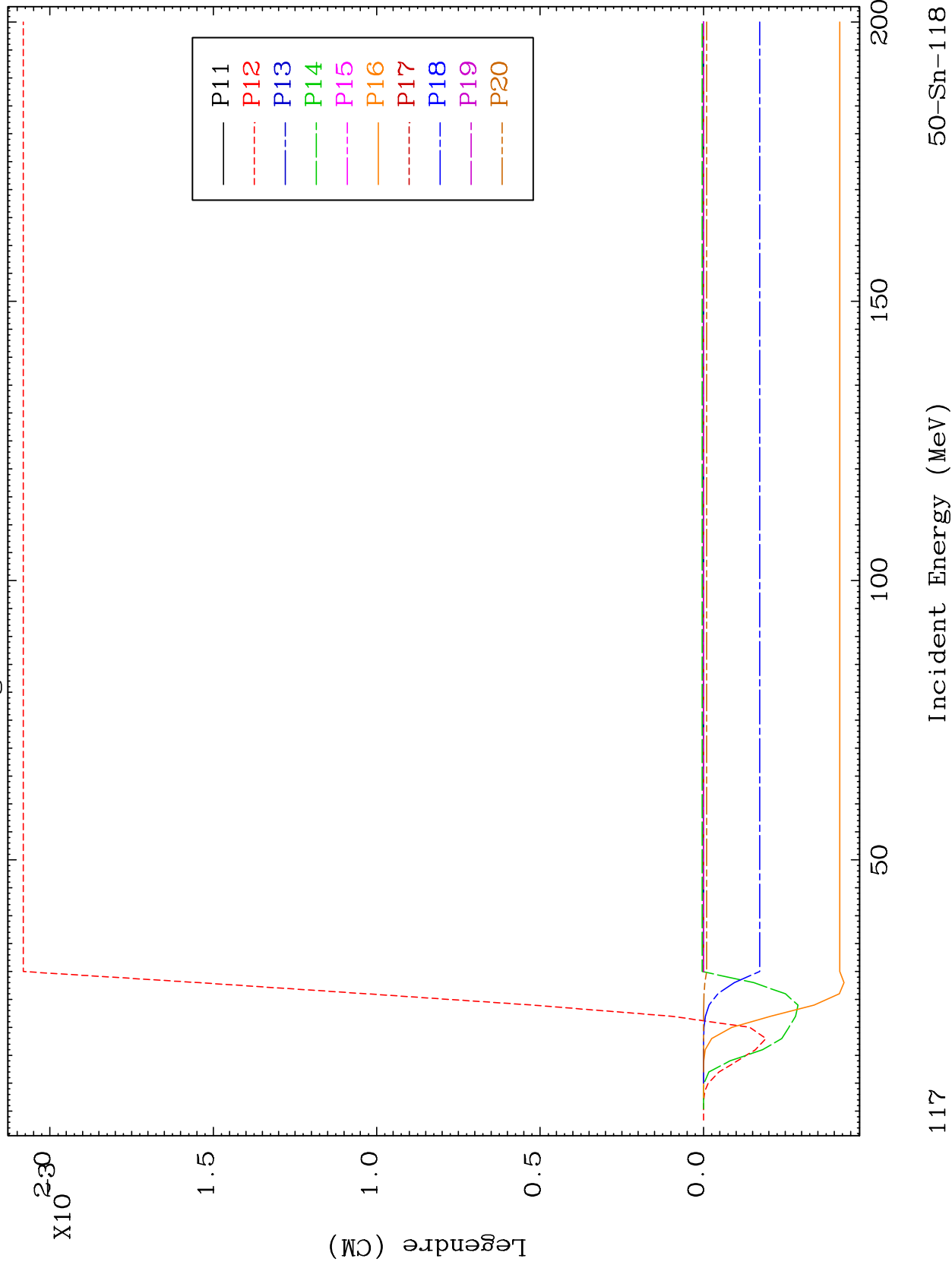




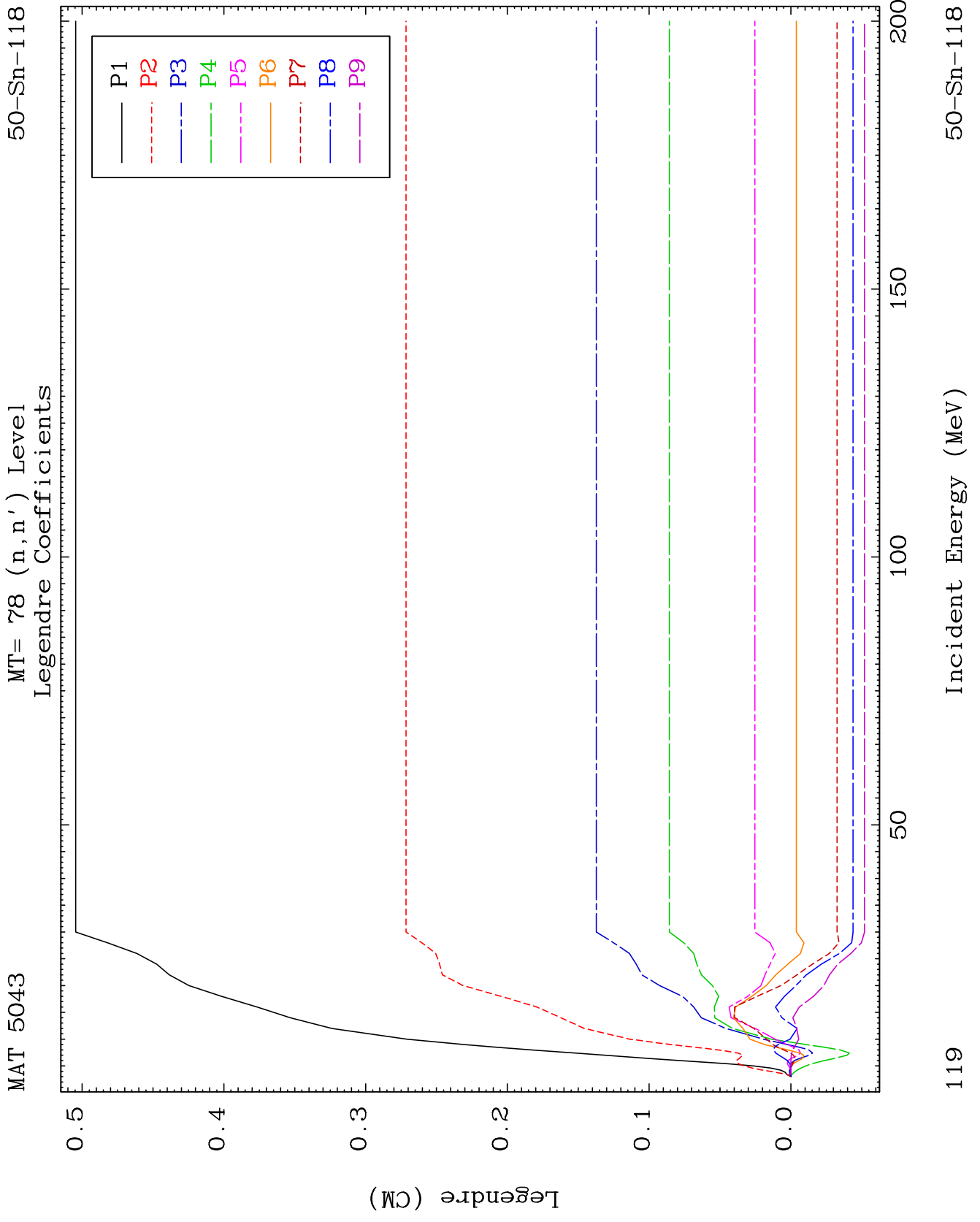
MAT 5043

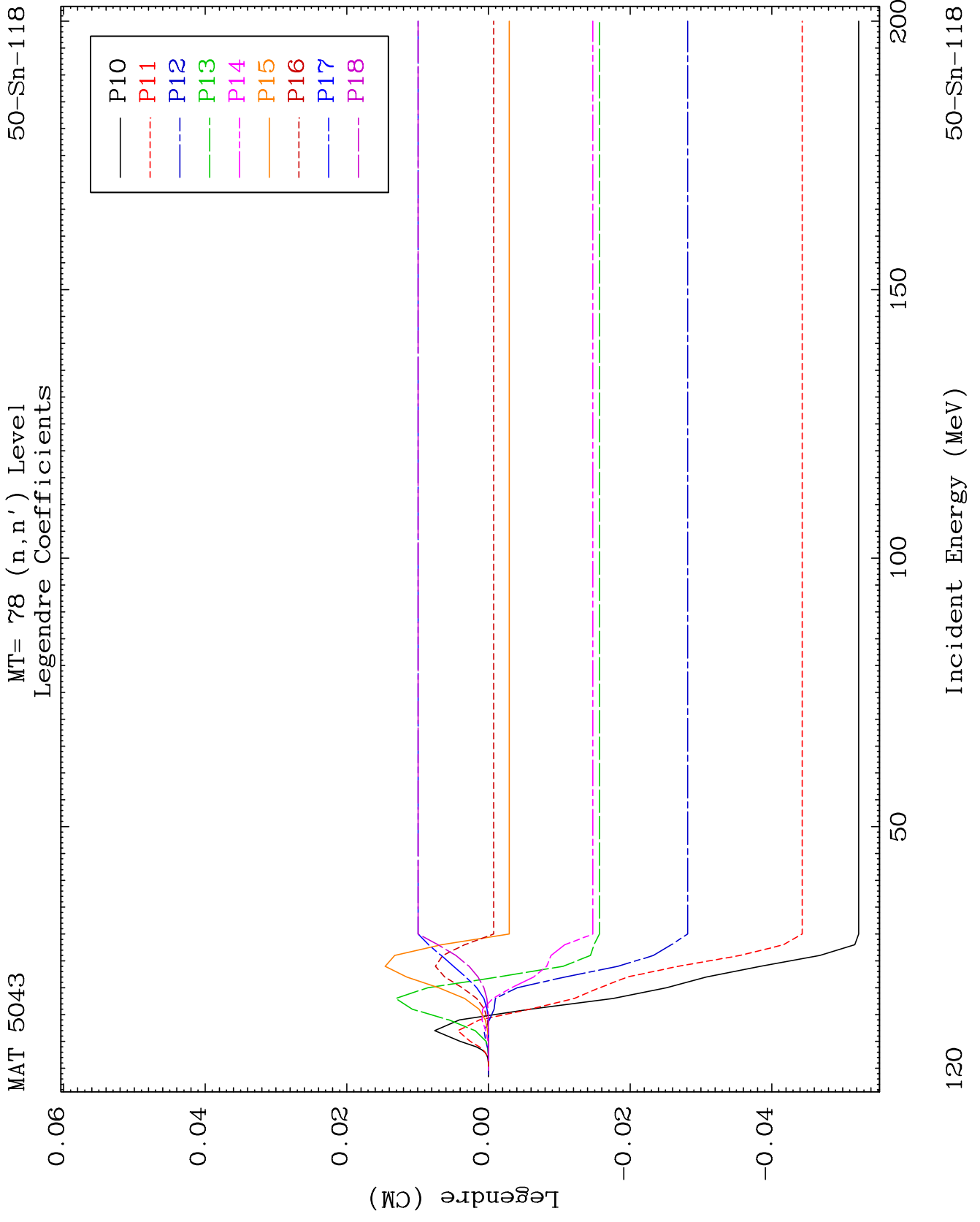
MT= 77 (n,n') Level
Legendre Coefficients

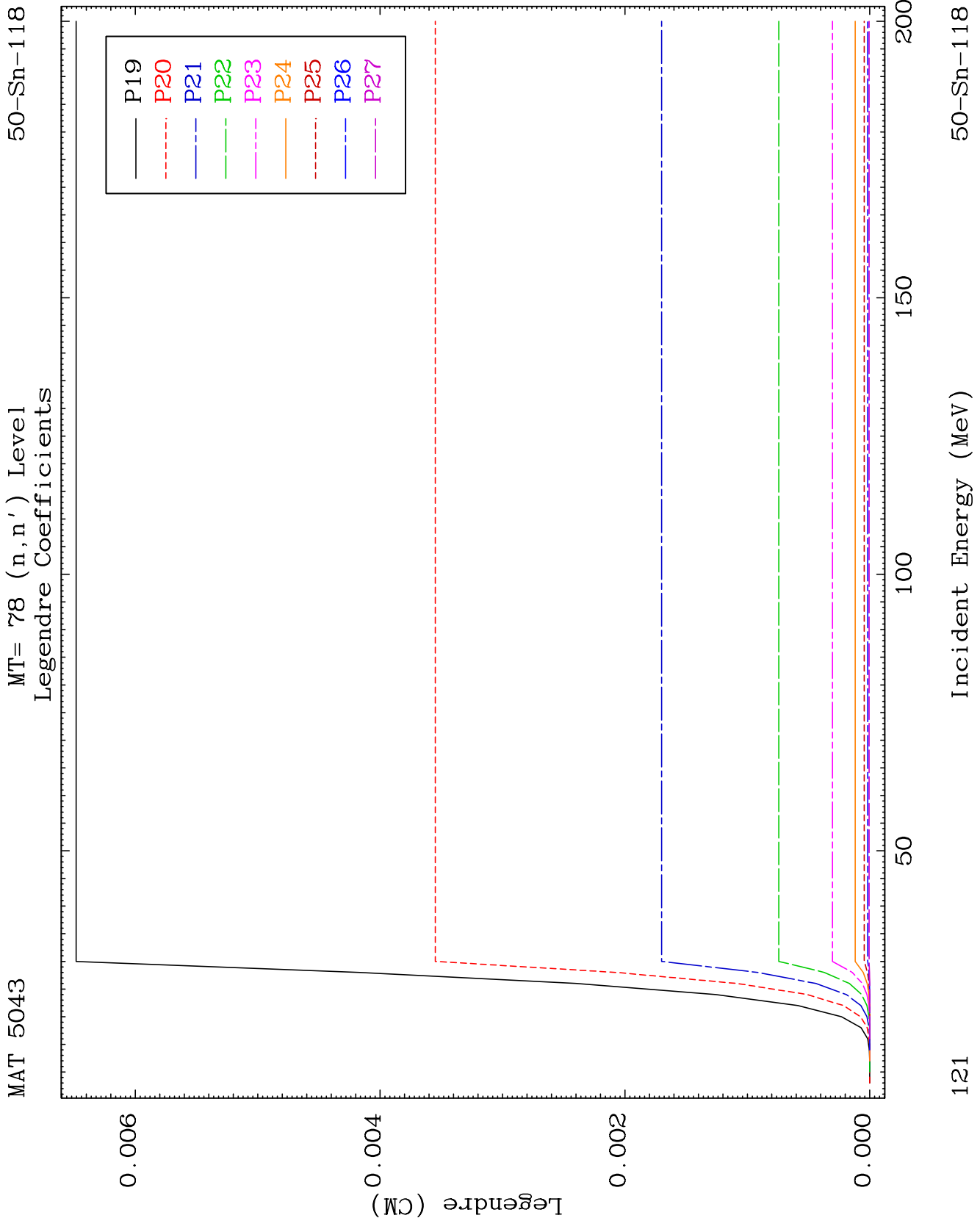
50-Sn-118



117



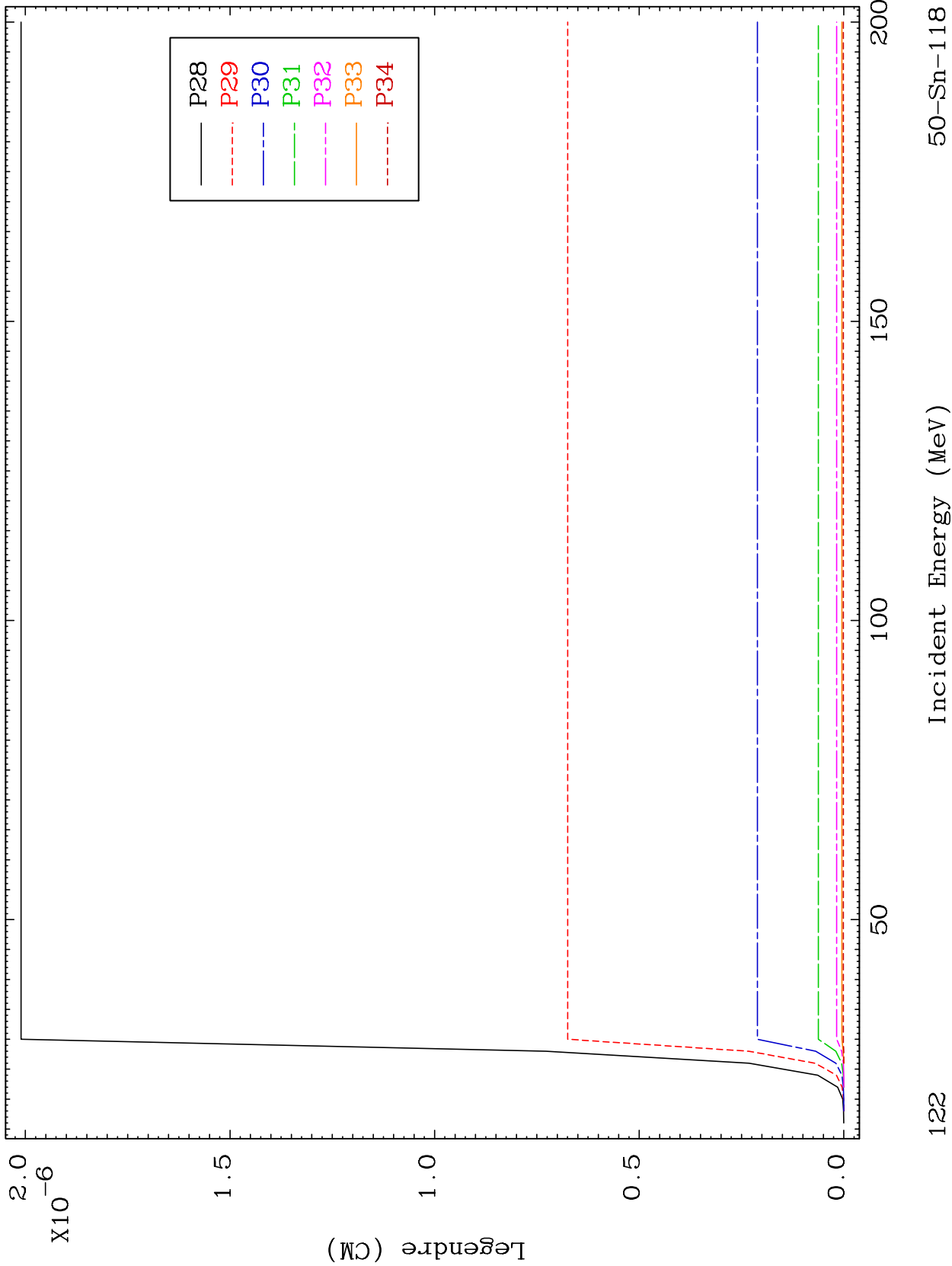




MAT 5043

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

50-Sn-118



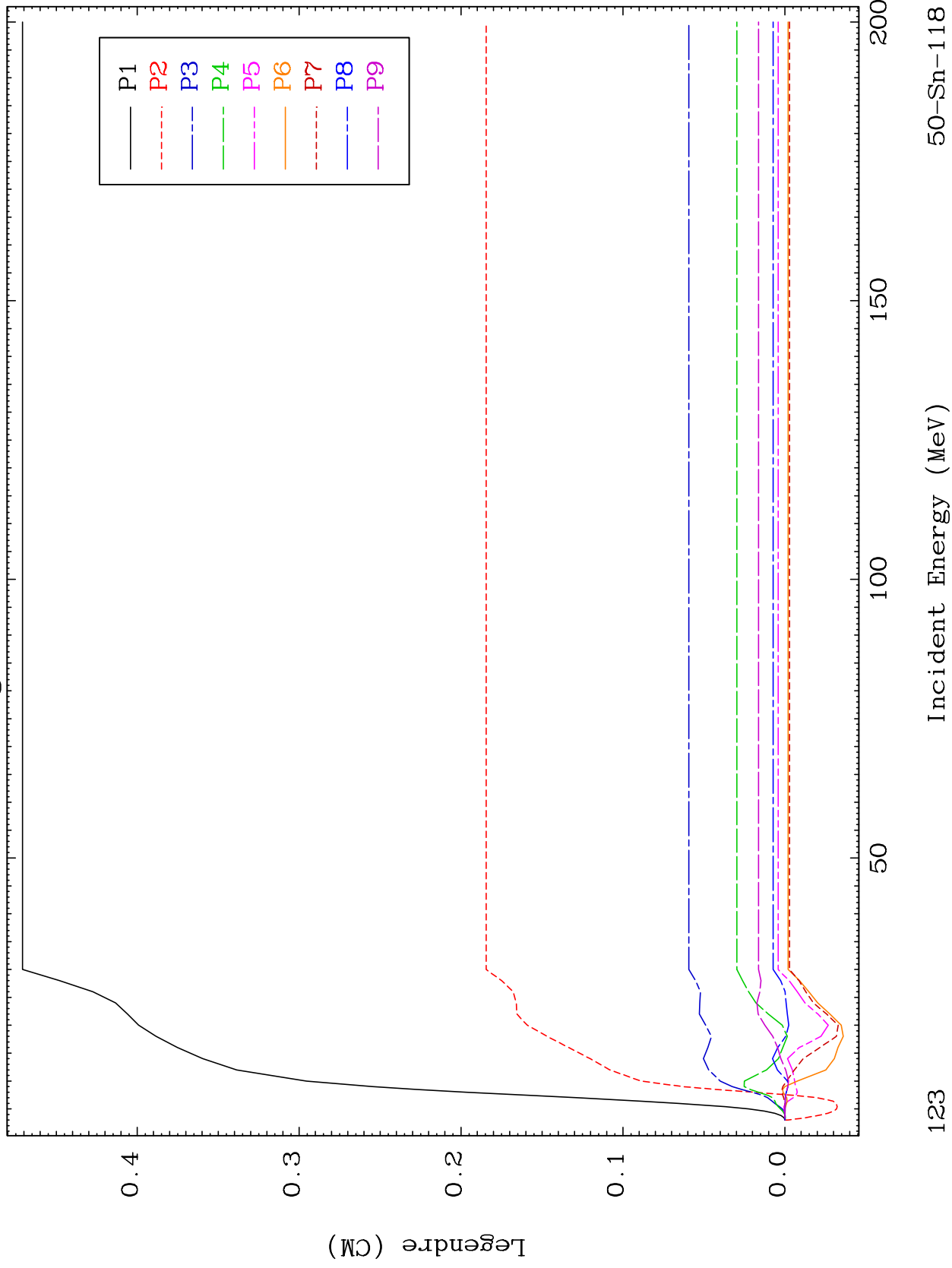
122

50-Sn-118

MAT 5043

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

50-Sn-118



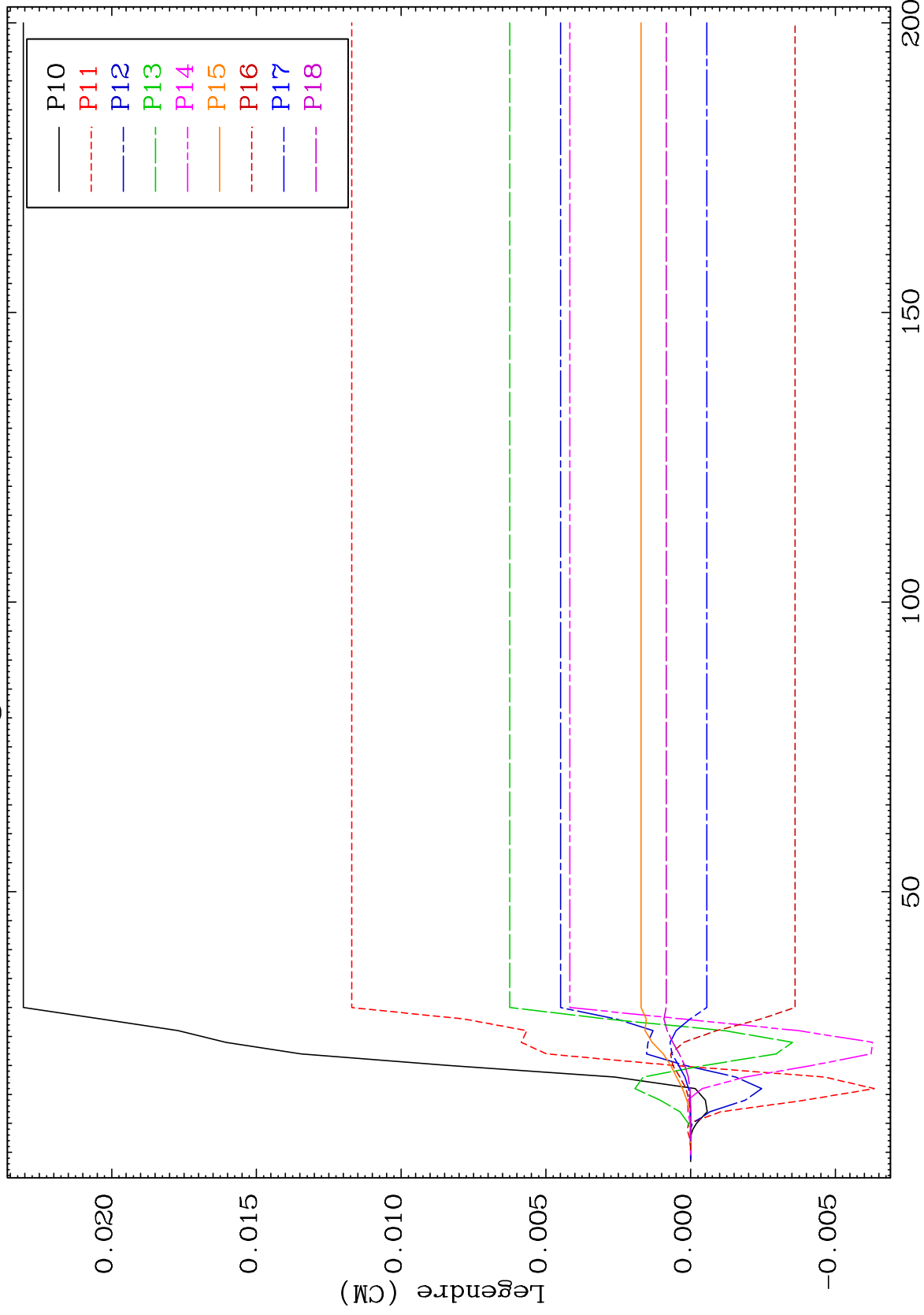
123

50-Sn-118

MAT 5043

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

50-Sn-118



124

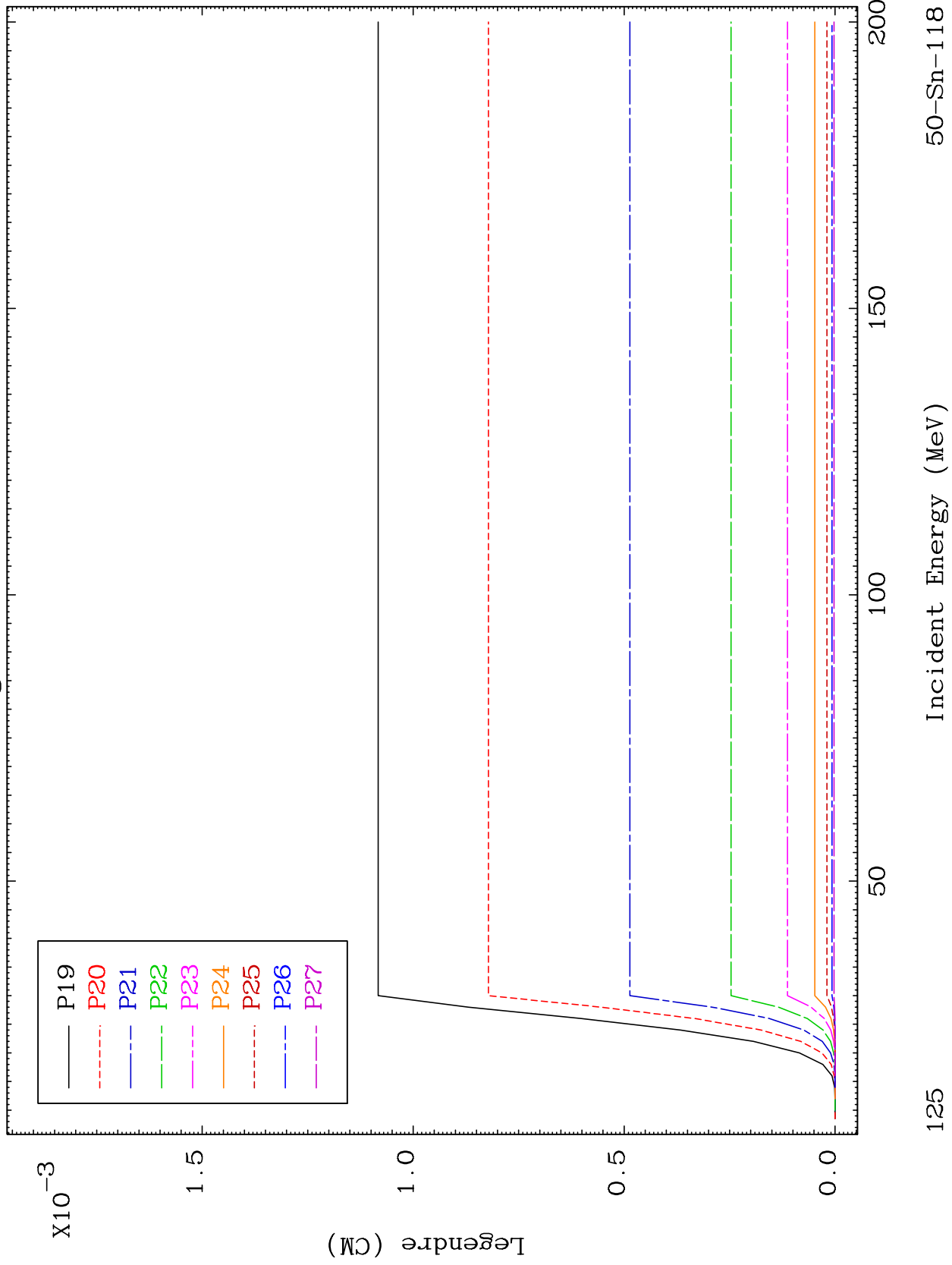
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



50-Sn-118

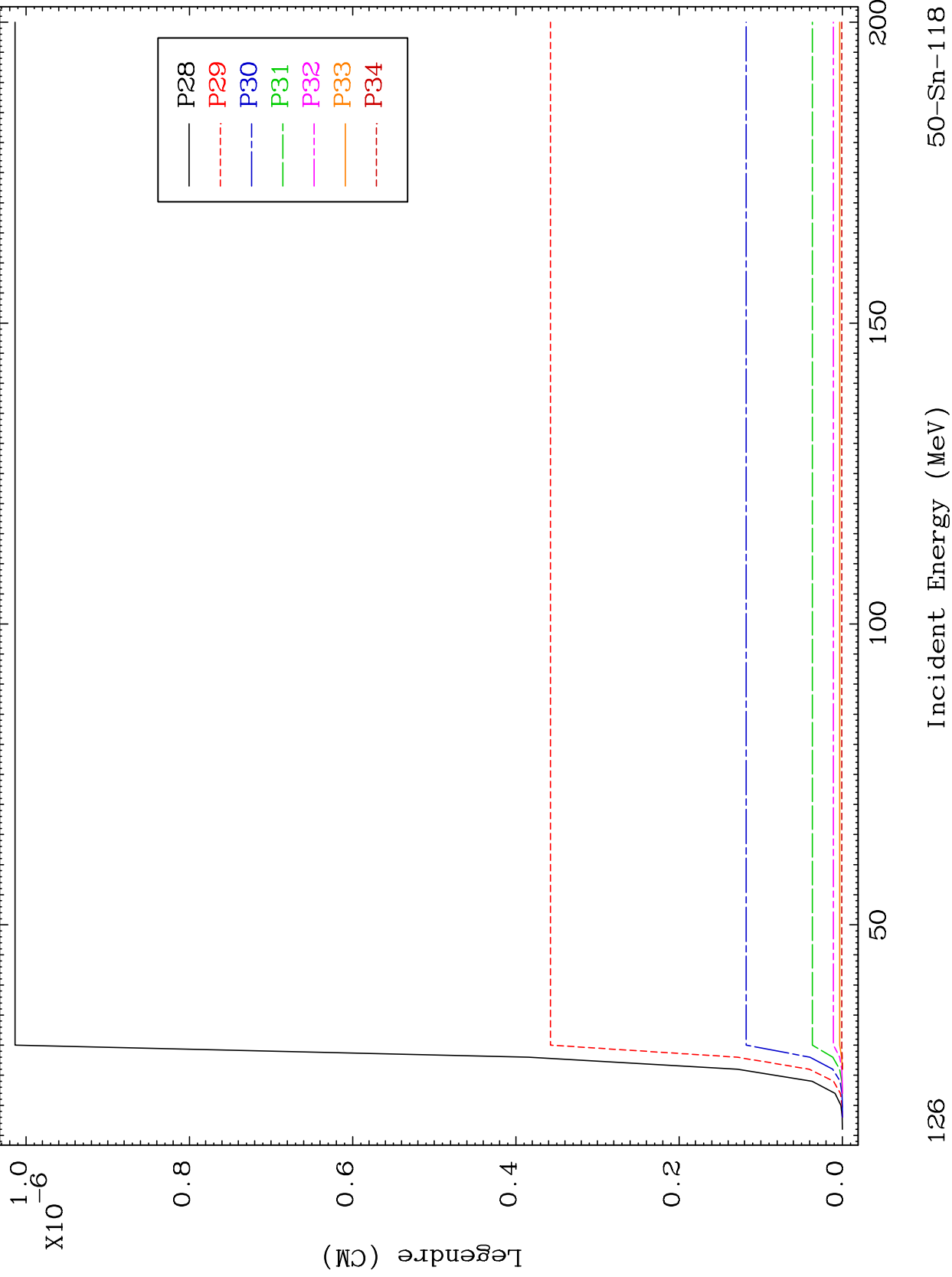
Incident Energy (MeV)

125

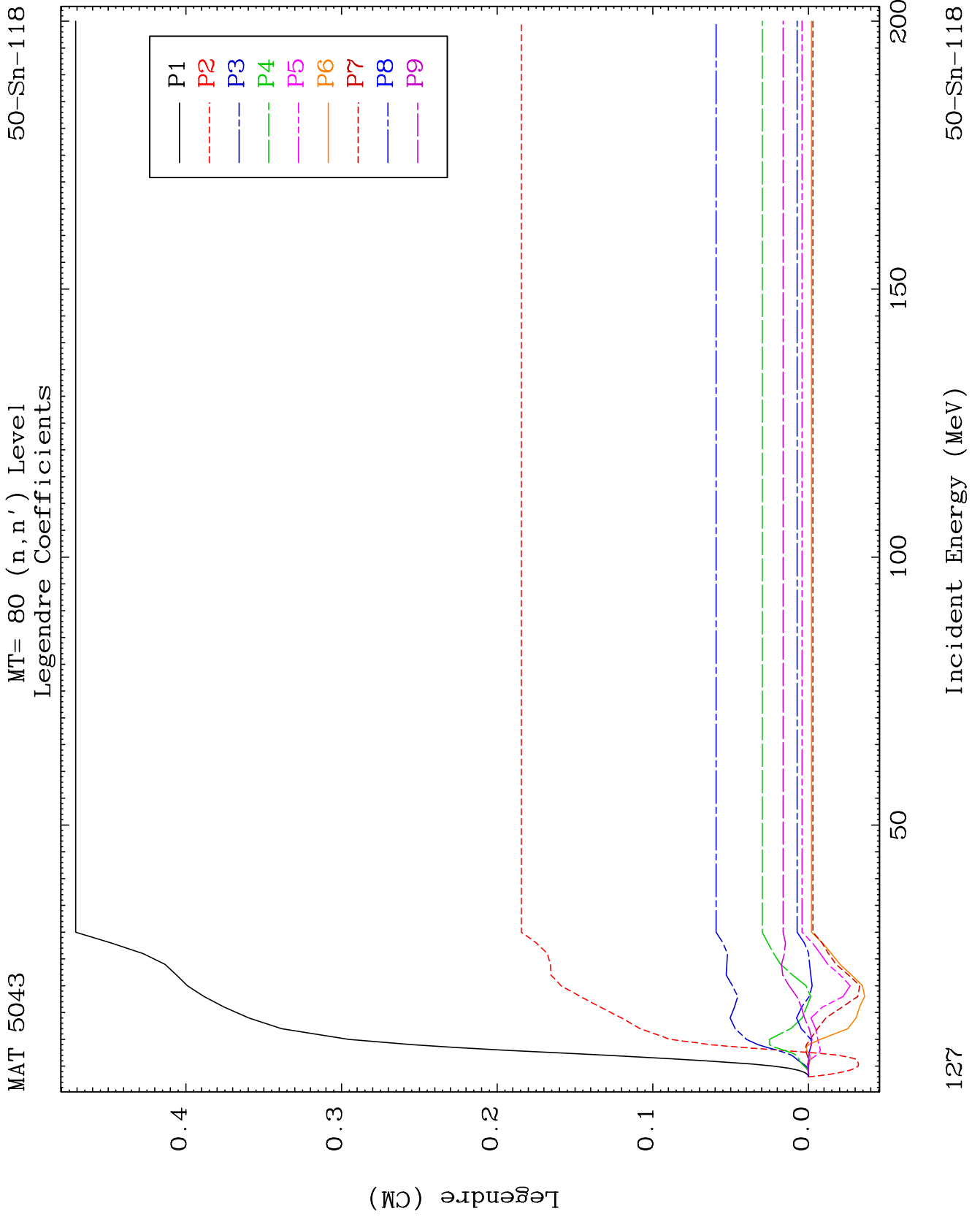
MAT 5043

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

50-Sn-118



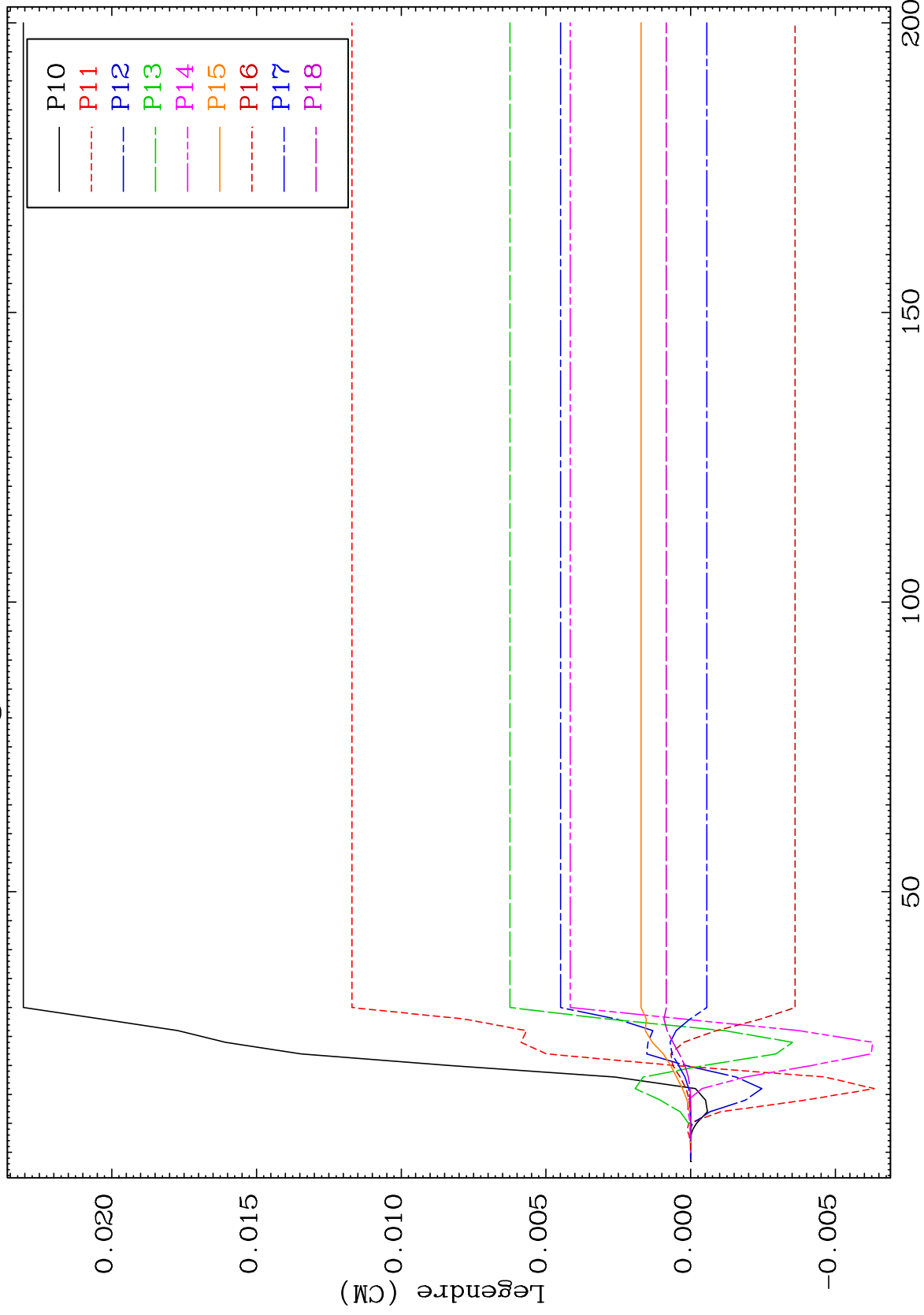
126



MAT 5043

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

50-Sn-118



128

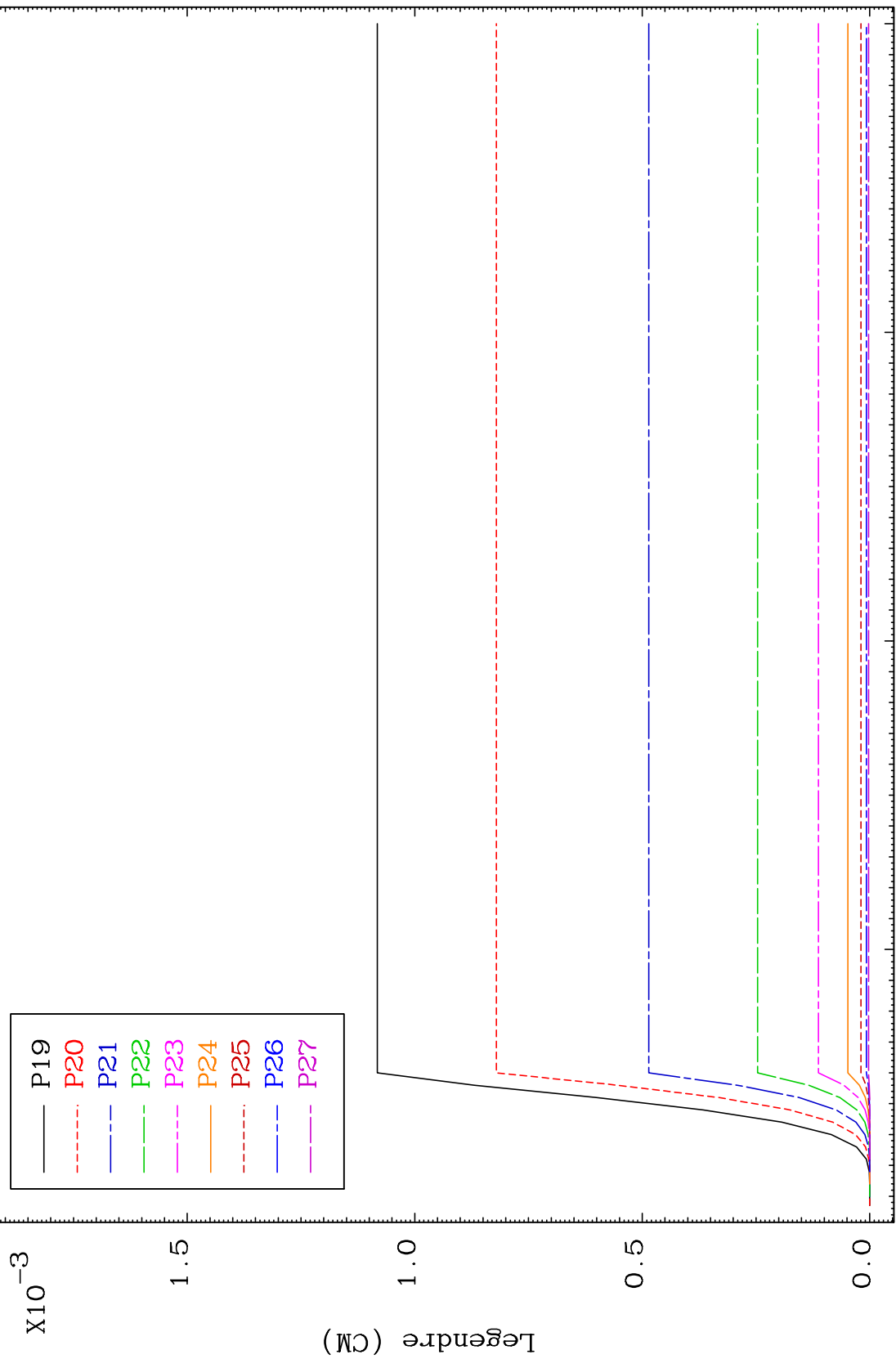
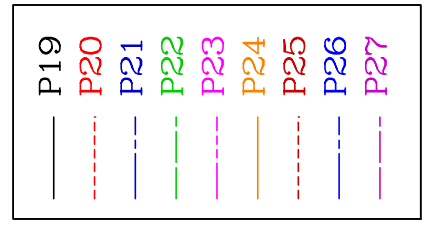
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



129

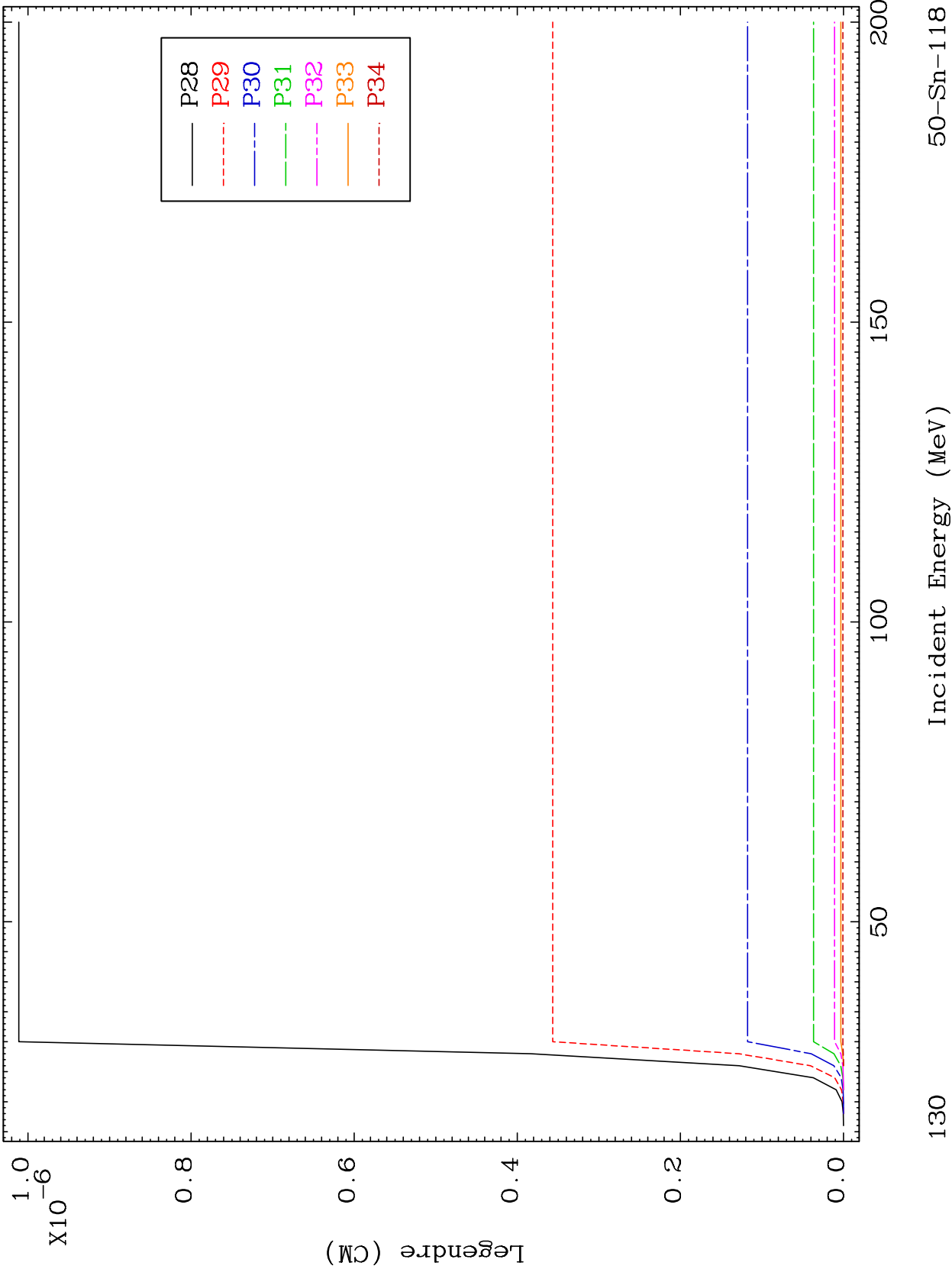
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



130

Incident Energy (MeV)

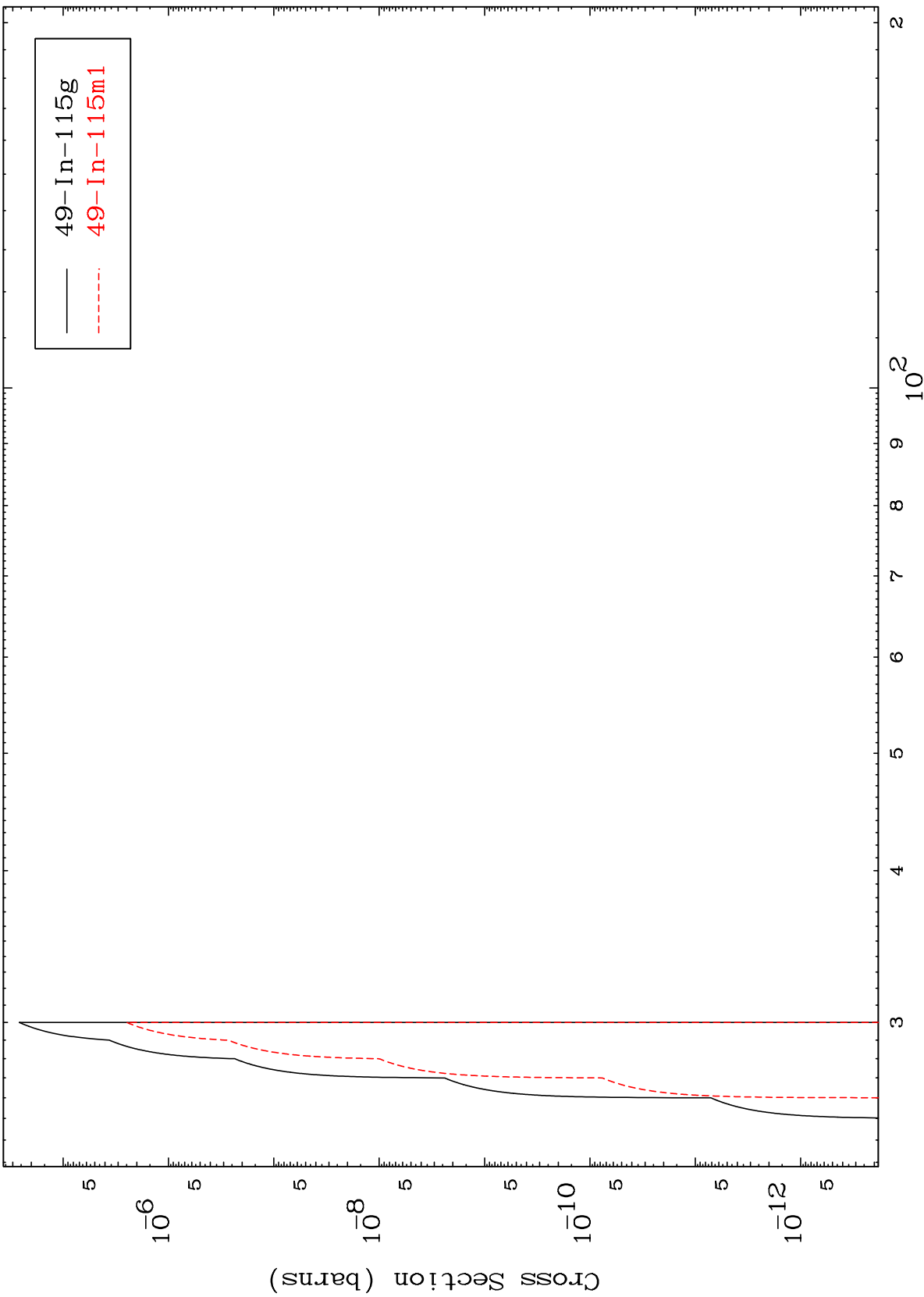
50-Sn-118

MAT 5043

(n,2n) d

50-Sn-118

Radionuclide Production Cross Section



49-In-115g
49-In-115m1

131

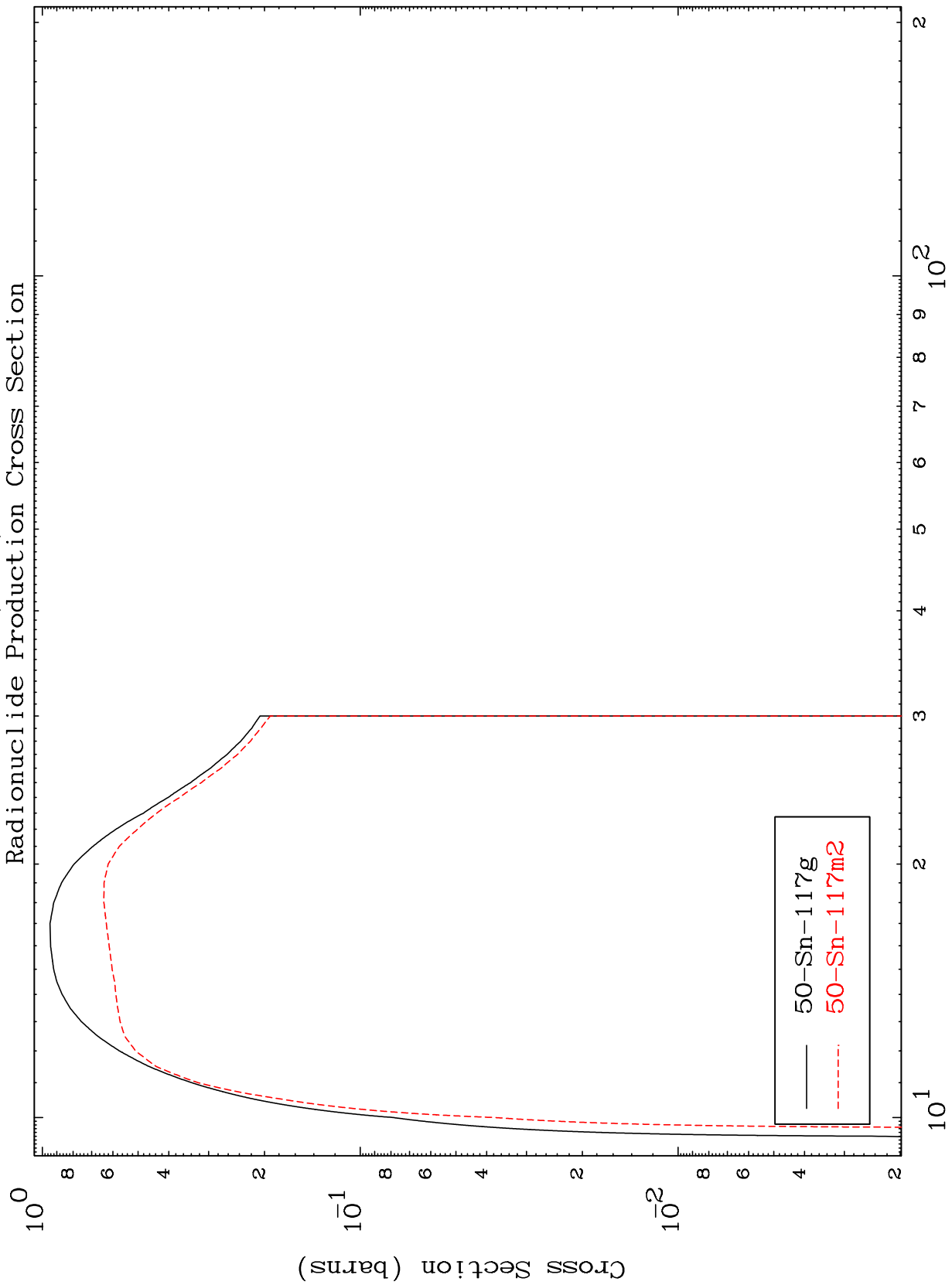
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,2n)
Radionuclide Production Cross Section



50-Sn-118

Incident Energy (MeV)

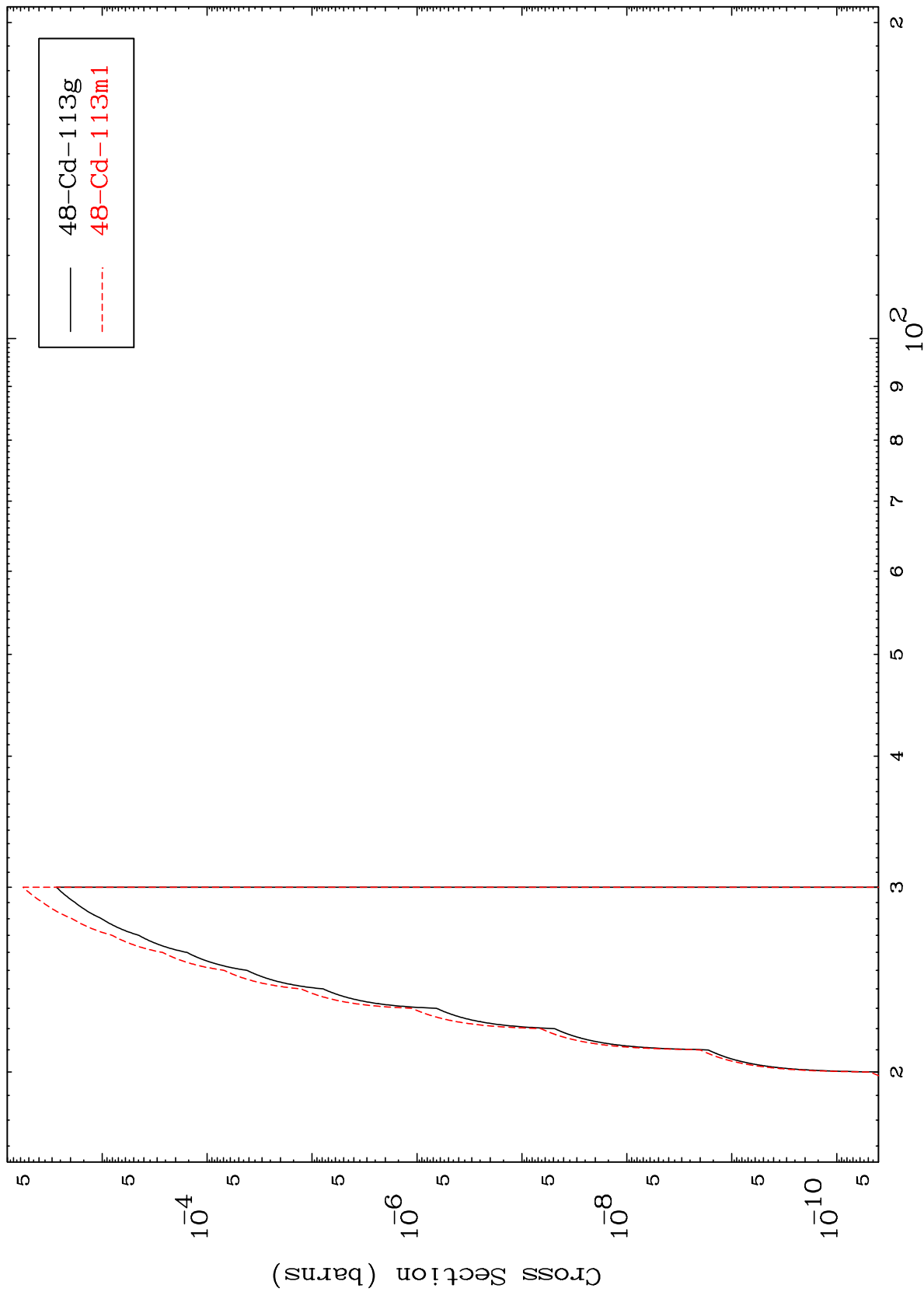
132

MAT 5043

50-Sn-118

(n,2n) α

Radionuclide Production Cross Section



50-Sn-118

Incident Energy (MeV)

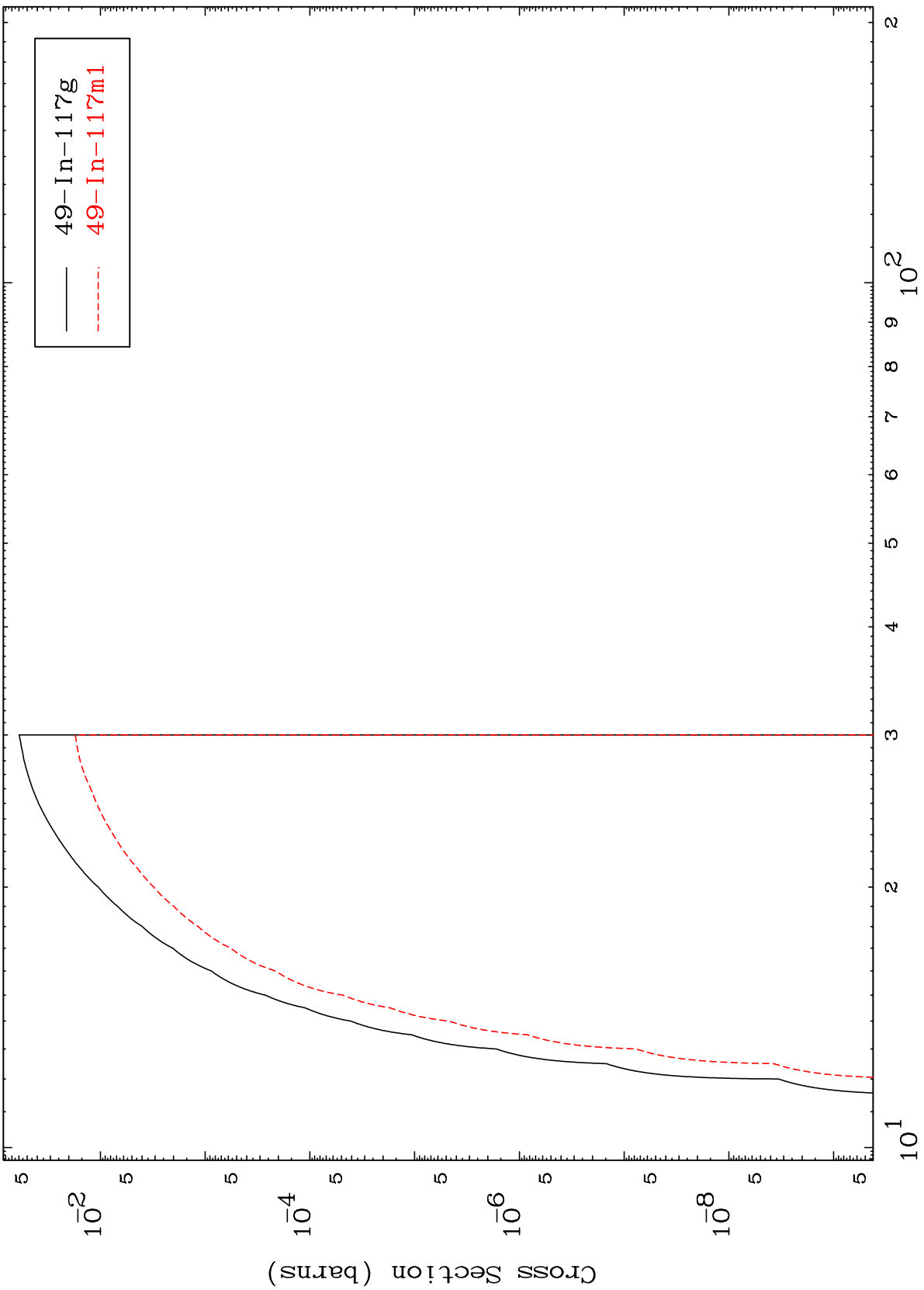
133

MAT 5043

(n,n') p

50-Sn-118

Radionuclide Production Cross Section



134

Incident Energy (MeV)

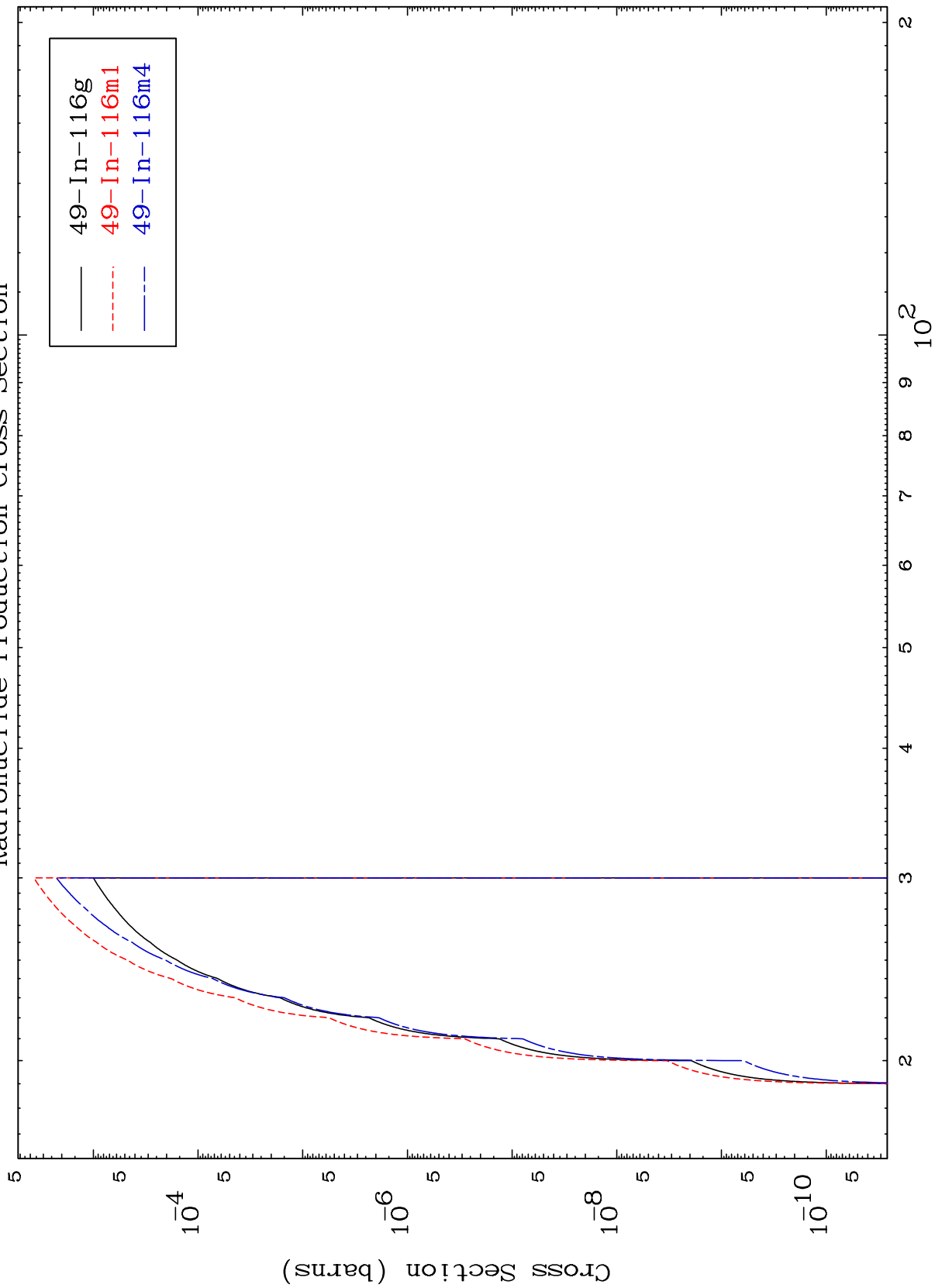
50-Sn-118

MAT 5043

(n,n') d

50-Sn-118

Radionuclide Production Cross Section

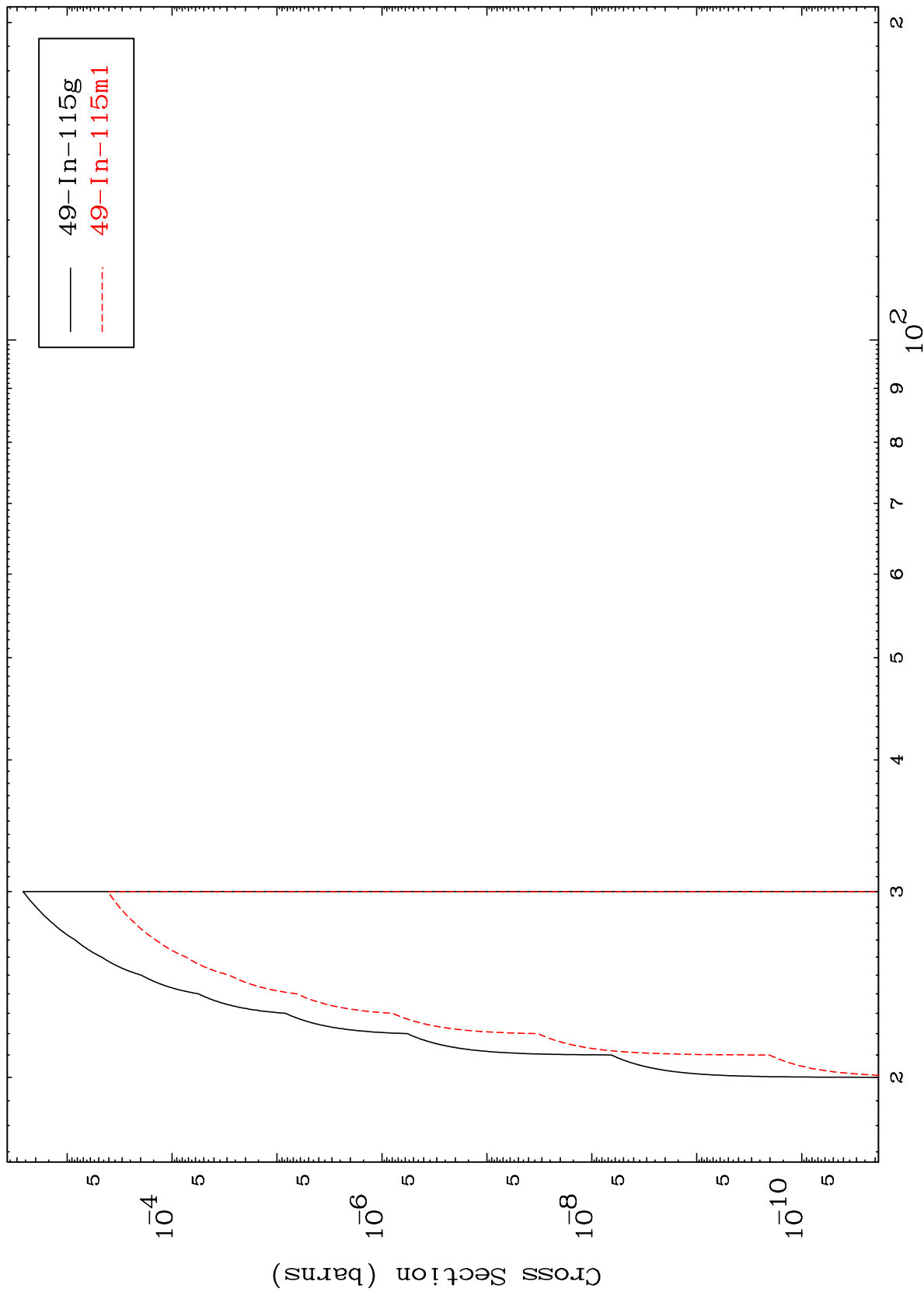


135

Incident Energy (MeV)

50-Sn-118

Radionuclide Production Cross Section

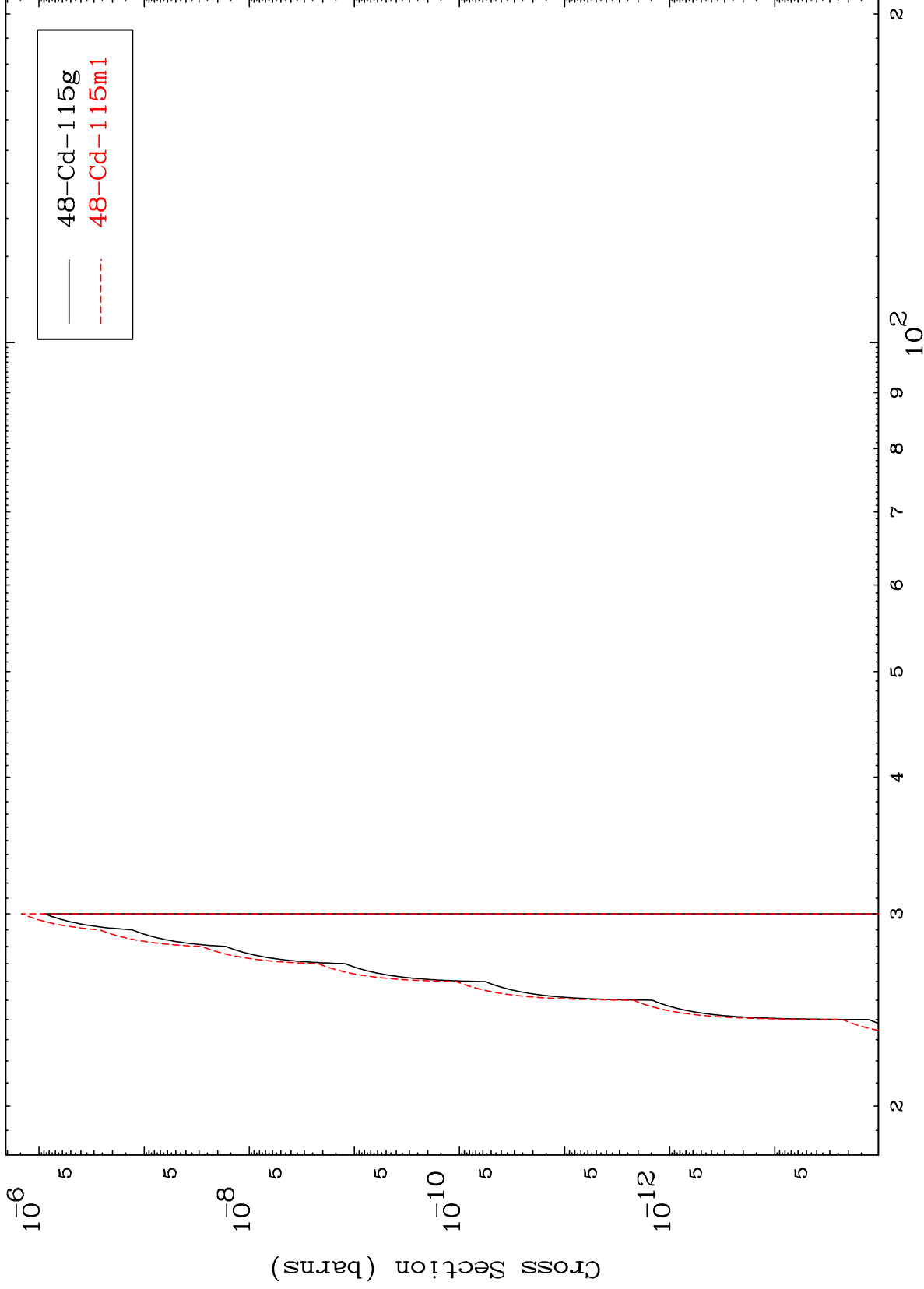


MAT 5043

(n,n') He-3

50-Sn-118

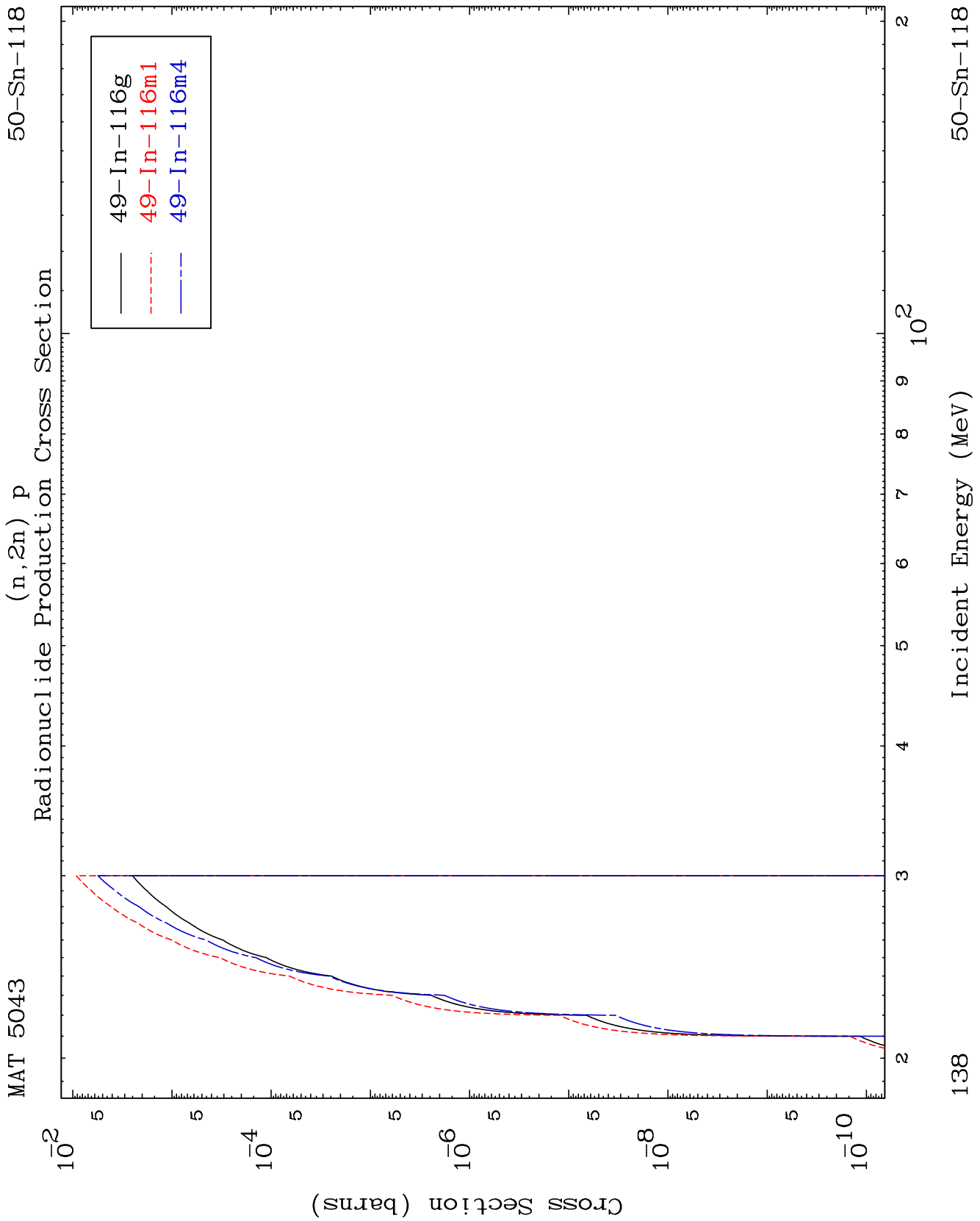
Radionuclide Production Cross Section



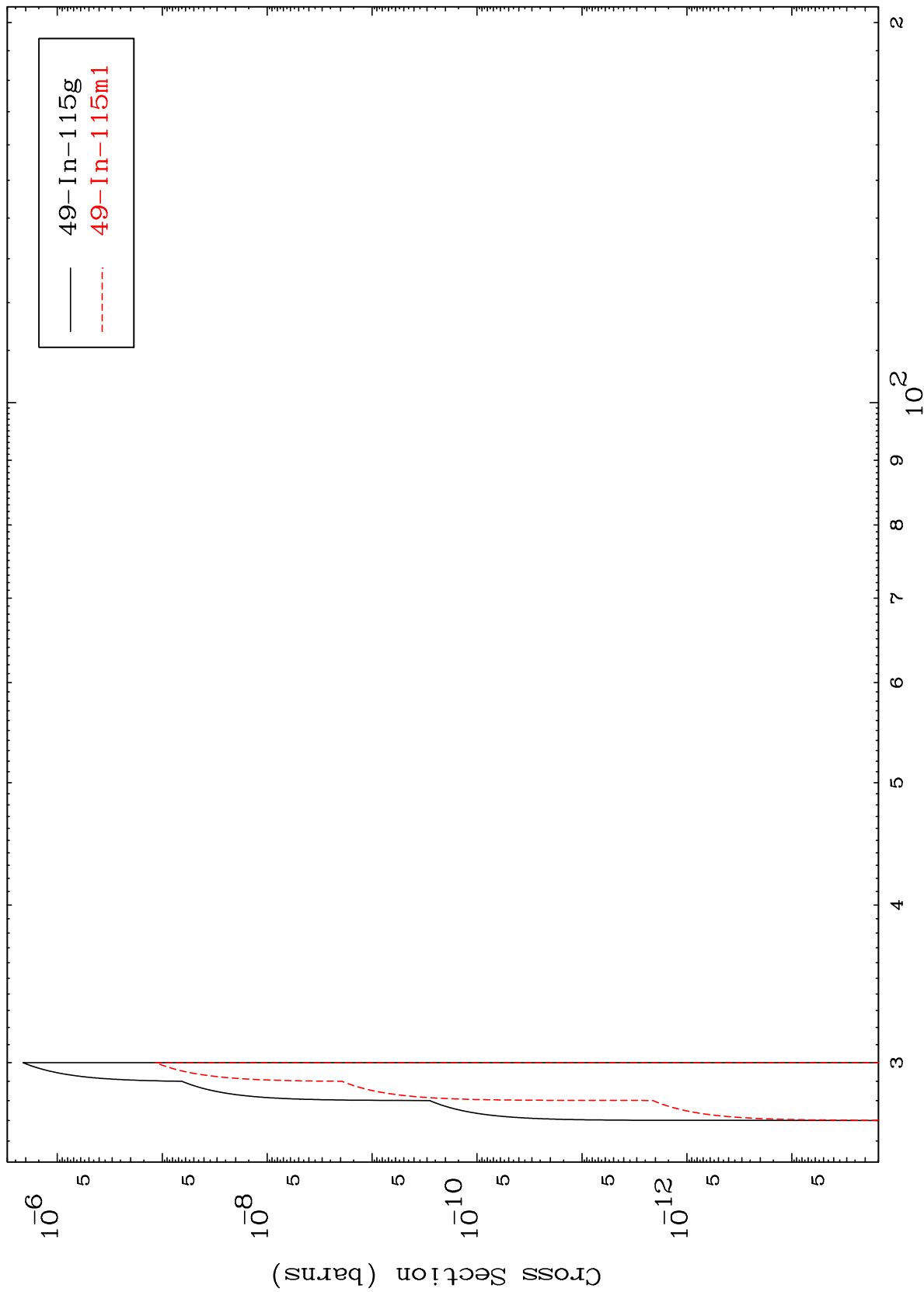
137

Incident Energy (MeV)

50-Sn-118



Radionuclide Production Cross Section

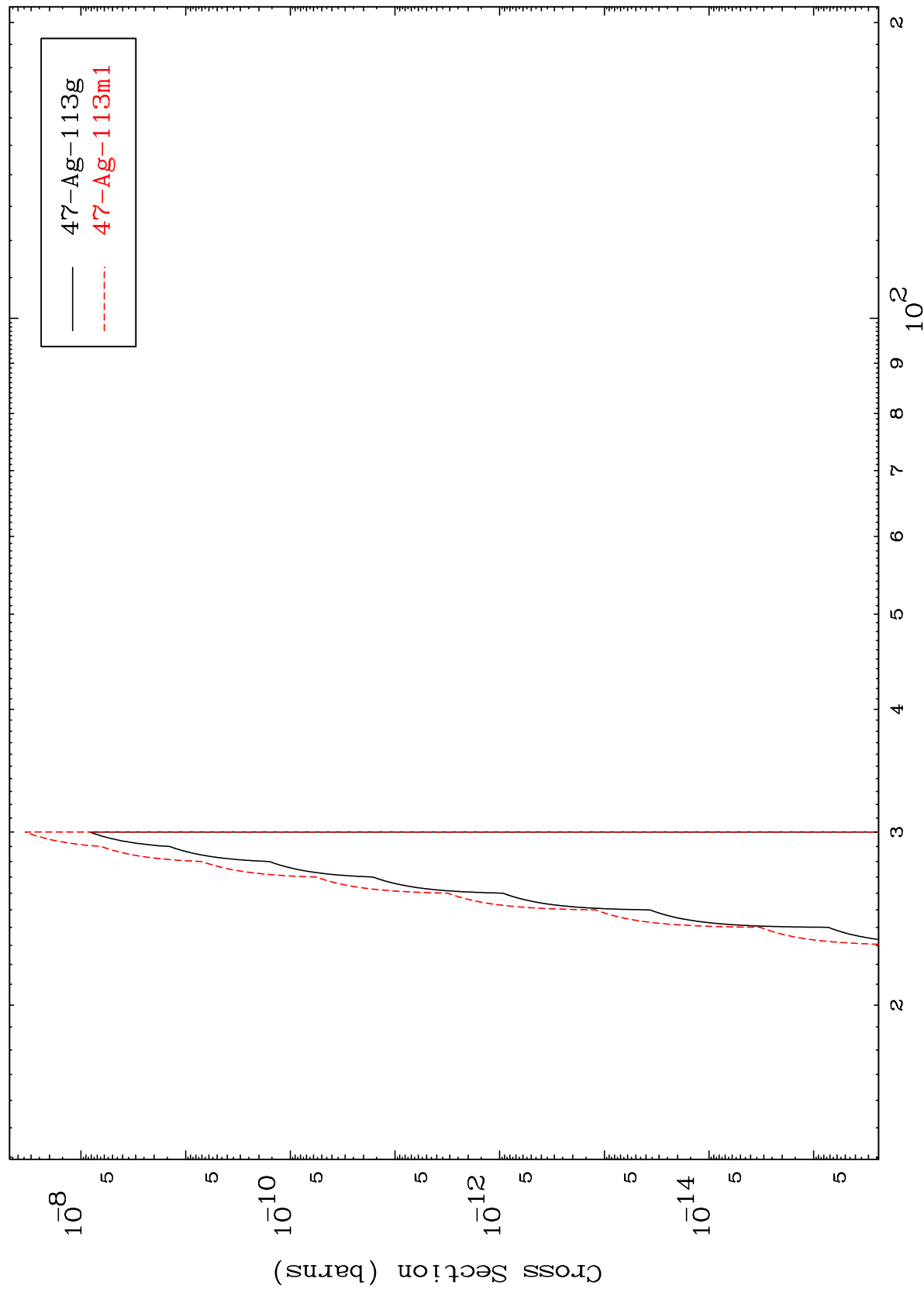


MAT 5043

(n,n') p α

50-Sn-118

Radionuclide Production Cross Section



140

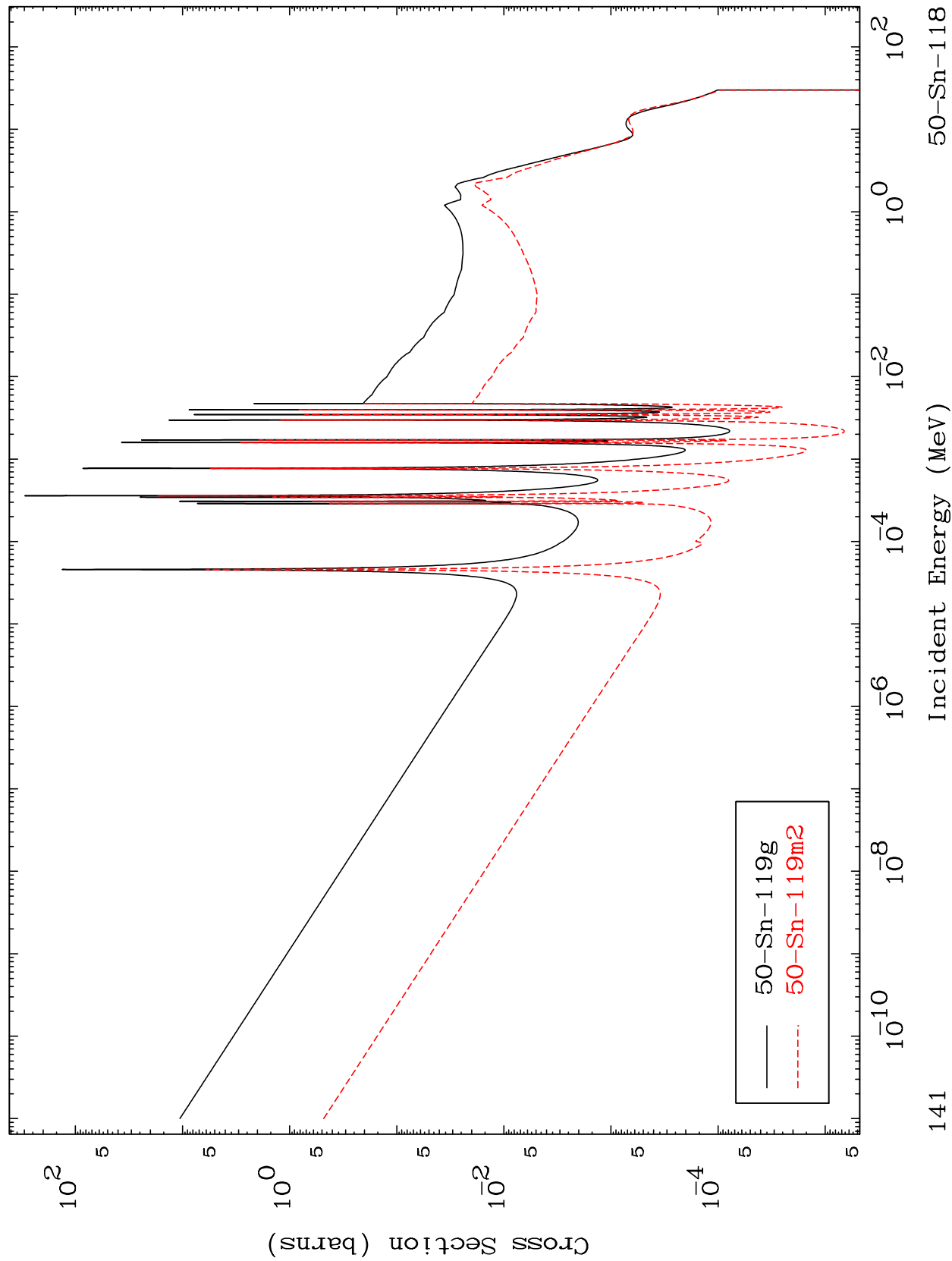
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n, γ)
Radionuclide Production Cross Section

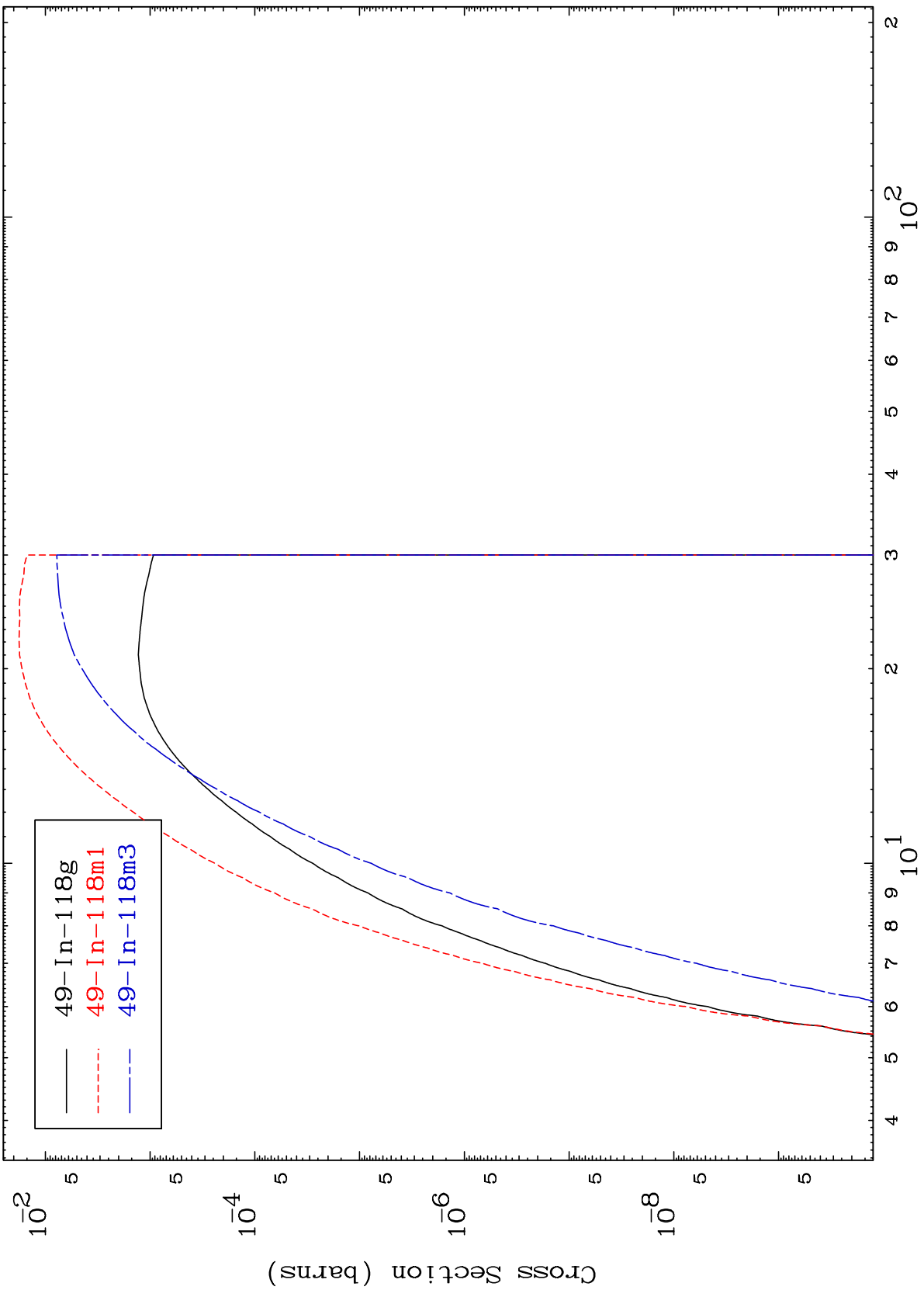


141

MAT 5043

50-Sn-118

(n,p)
Radionuclide Production Cross Section



50-Sn-118

Incident Energy (MeV)

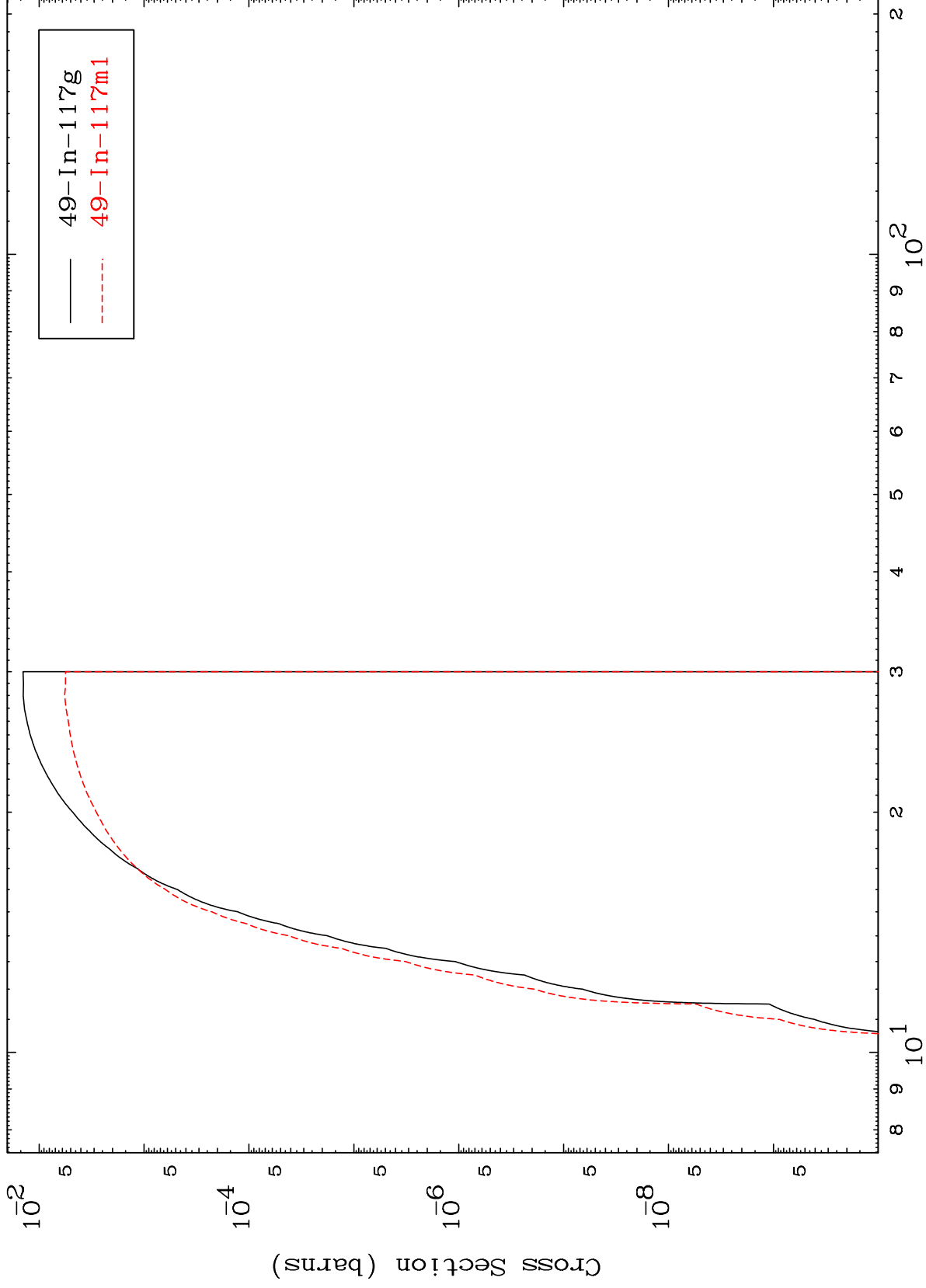
142

MAT 5043

(n,d)

50-Sn-118

Radionuclide Production Cross Section



143

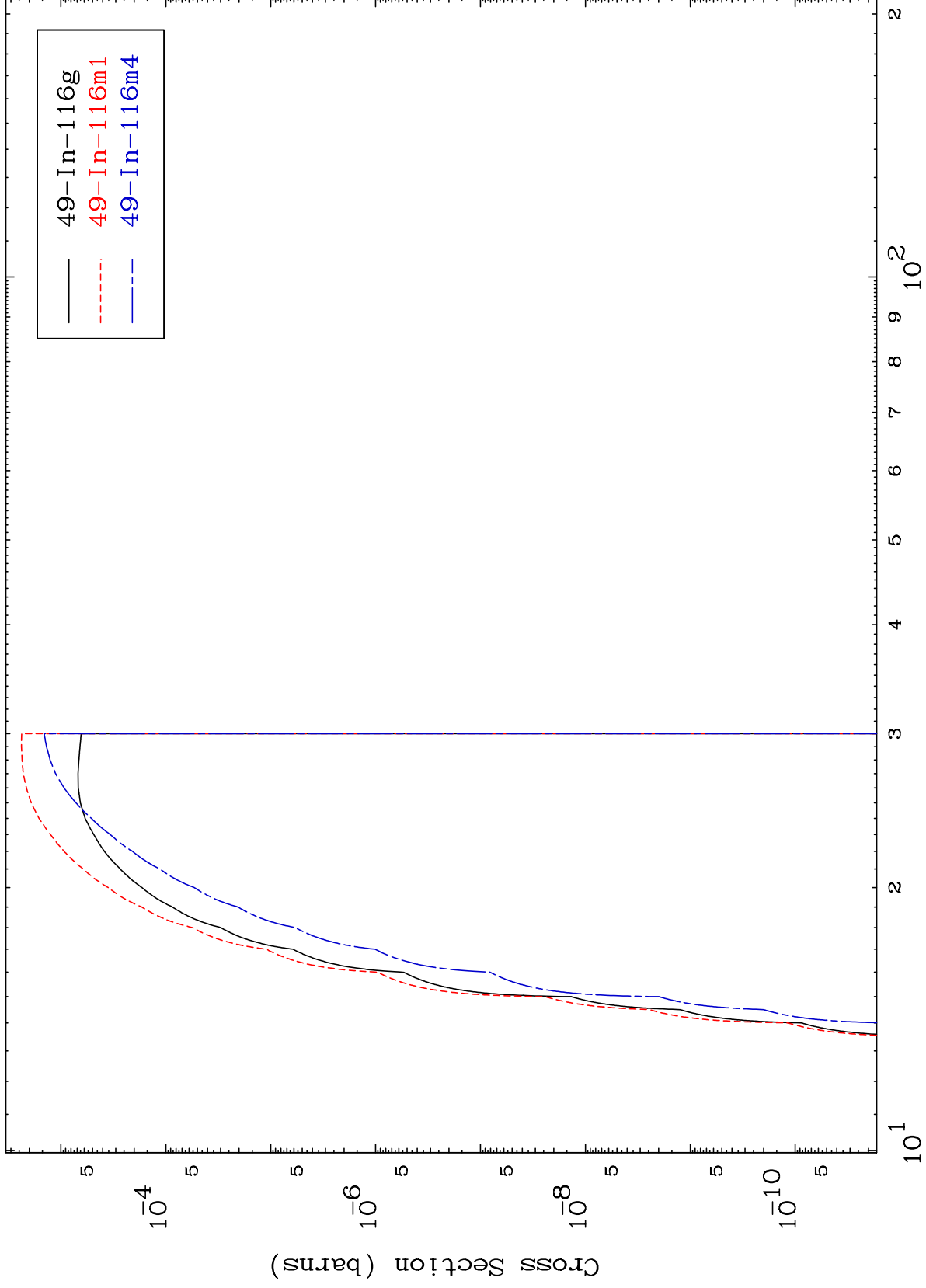
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,t)
Radionuclide Production Cross Section



50-Sn-118

Incident Energy (MeV)

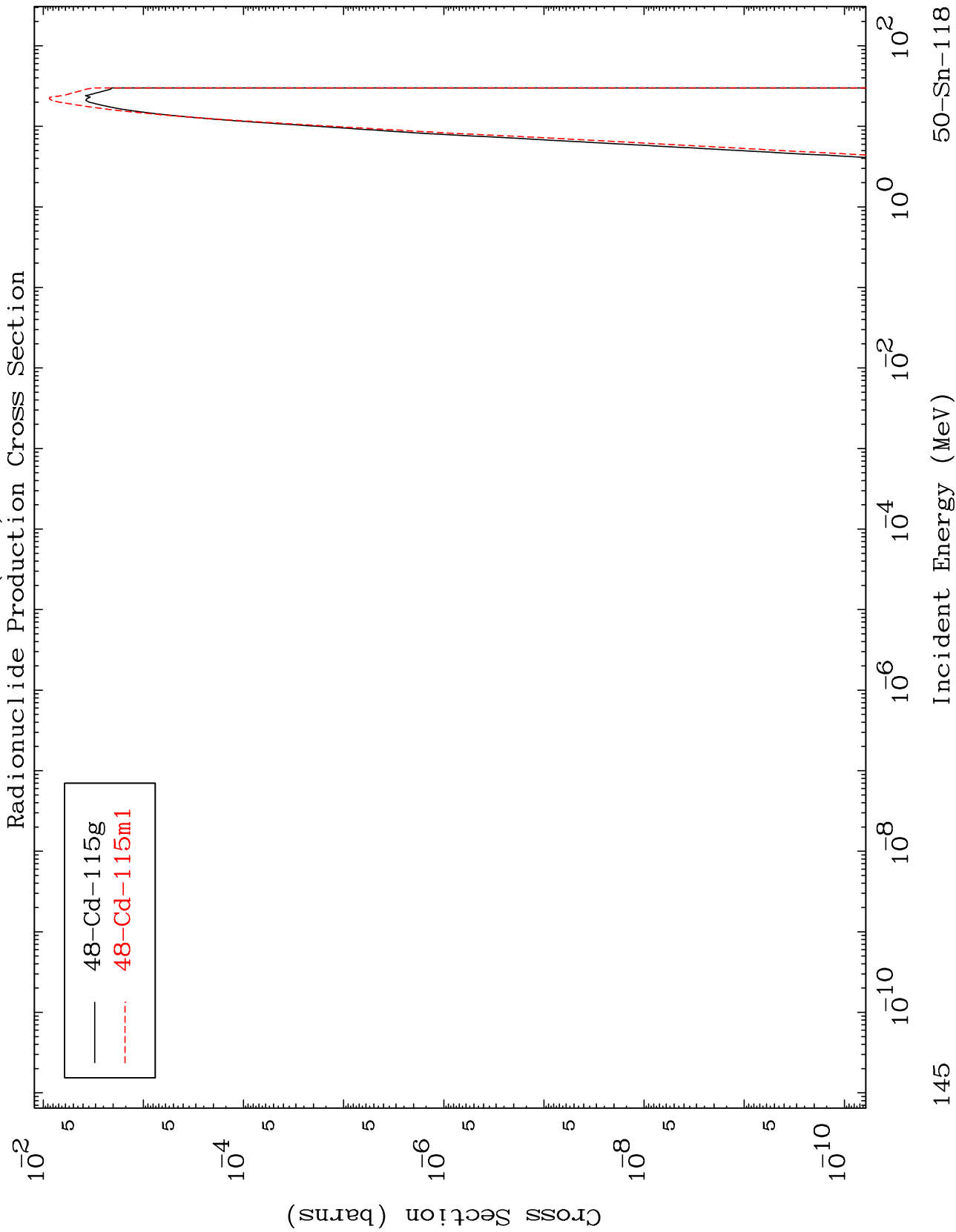
144

MAT 5043

50-Sn-118

Radionuclide Production Cross Section

(n, α)

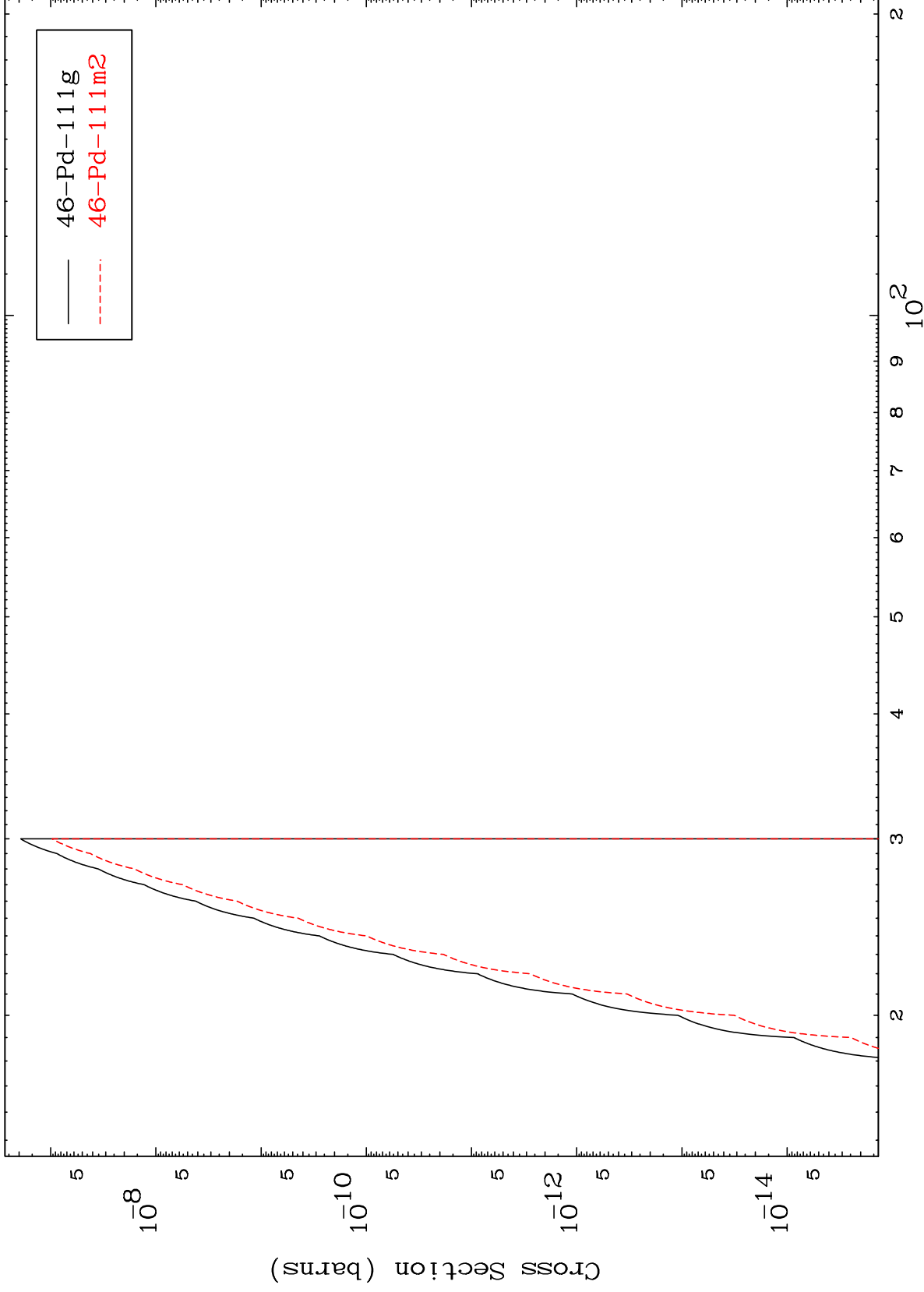


MAT 5043

(n,2α)

50-Sn-118

Radionuclide Production Cross Section



146

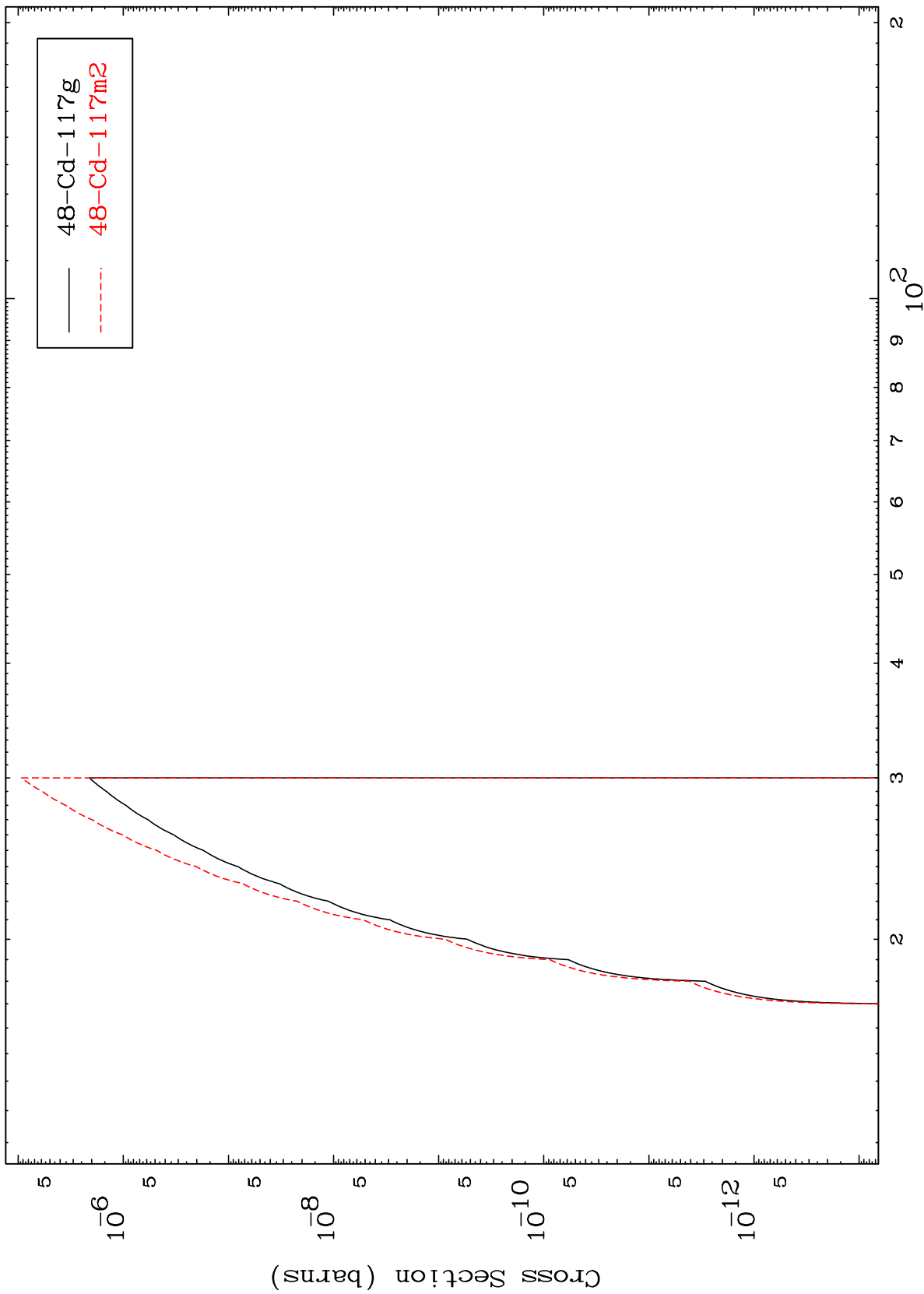
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,2p)
Radionuclide Production Cross Section



147

Incident Energy (MeV)

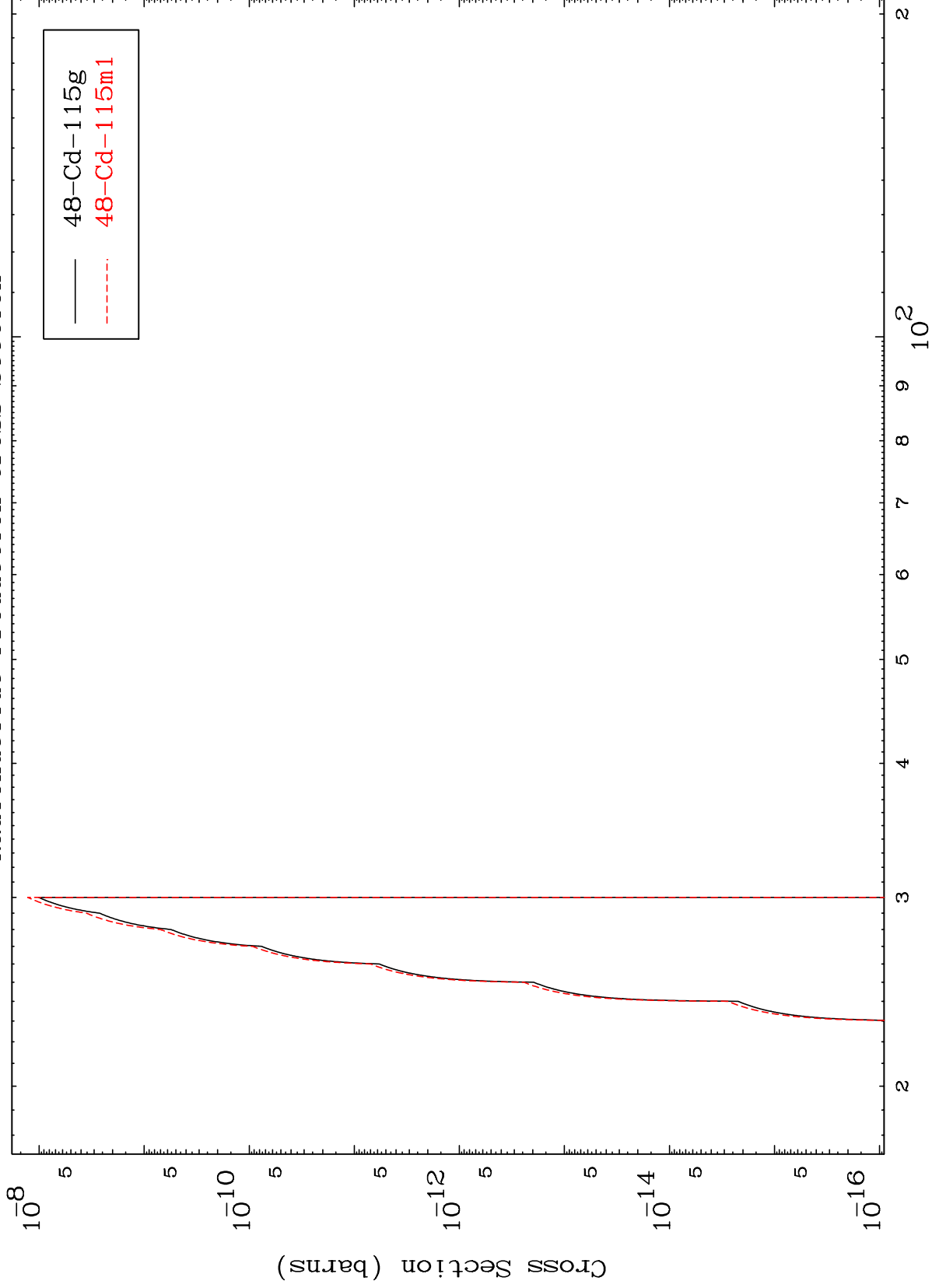
50-Sn-118

MAT 5043

(n,p) t

50-Sn-118

Radionuclide Production Cross Section



148

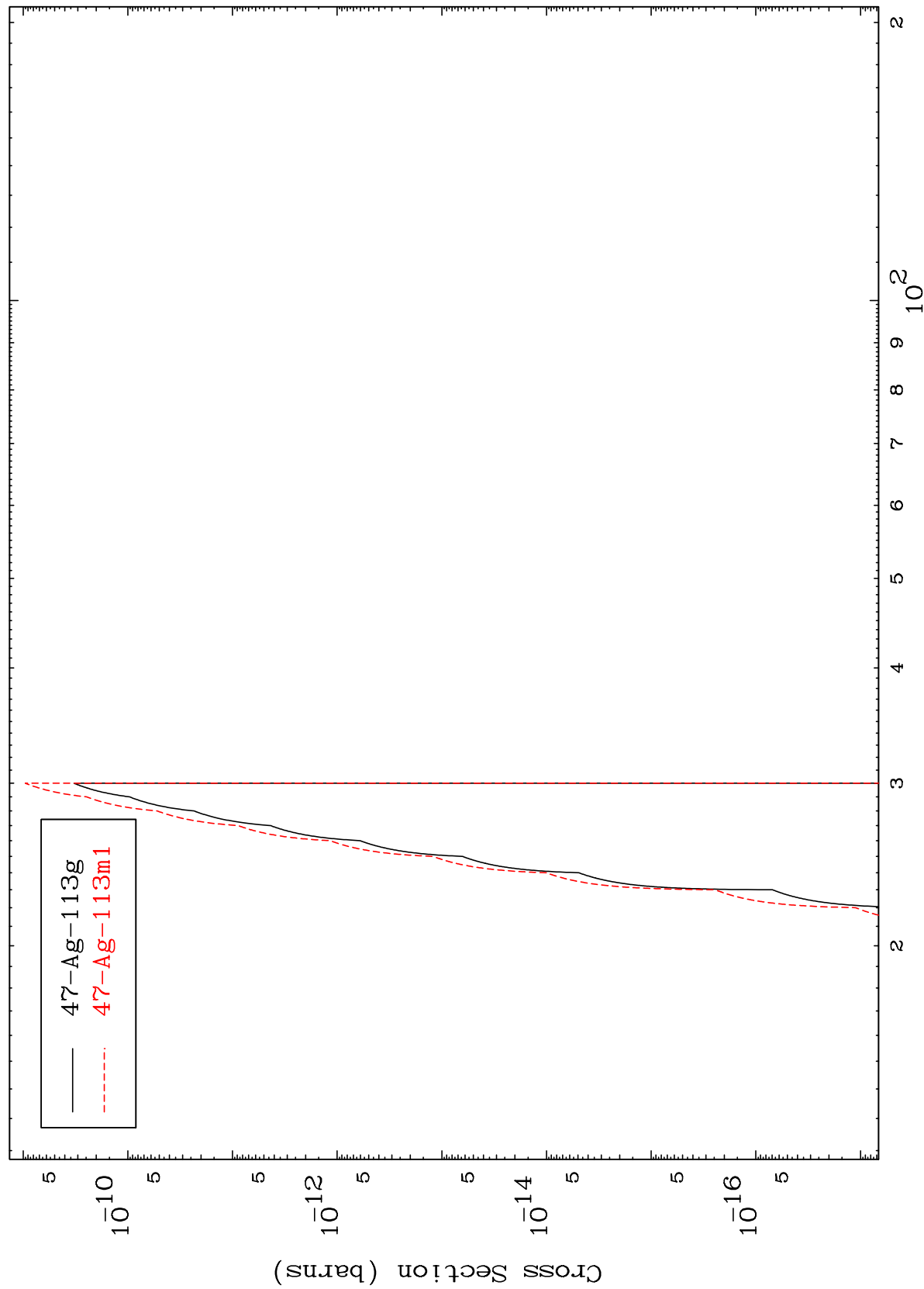
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,d) α
Radionuclide Production Cross Section



149

50-Sn-118

Incident Energy (MeV)