

Program EVALPLOT
(Version 2021-1)

by

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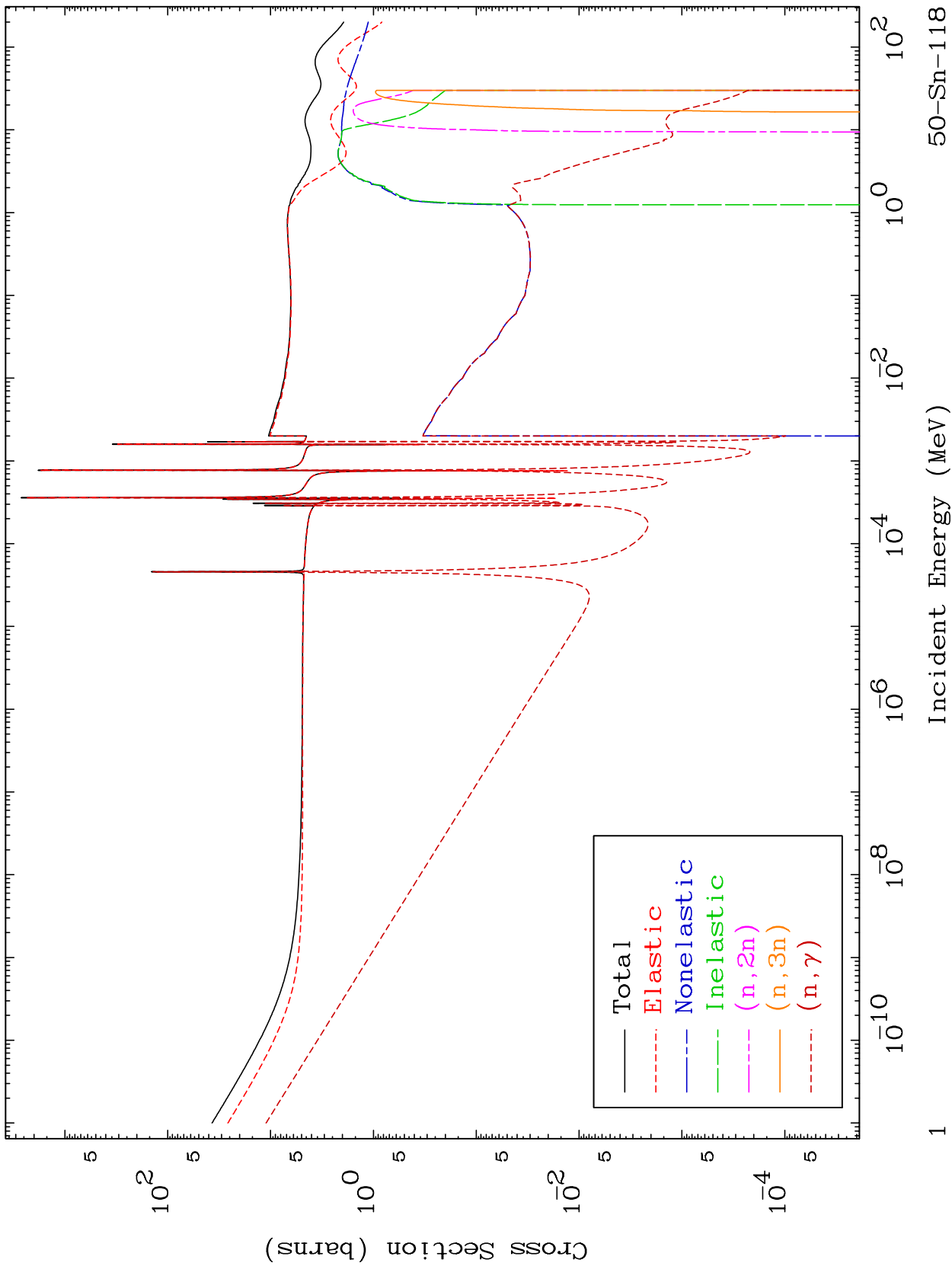
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Press Mouse Button to Start

MAT 5043

Neutron Major
293 Kelvin Cross Sections

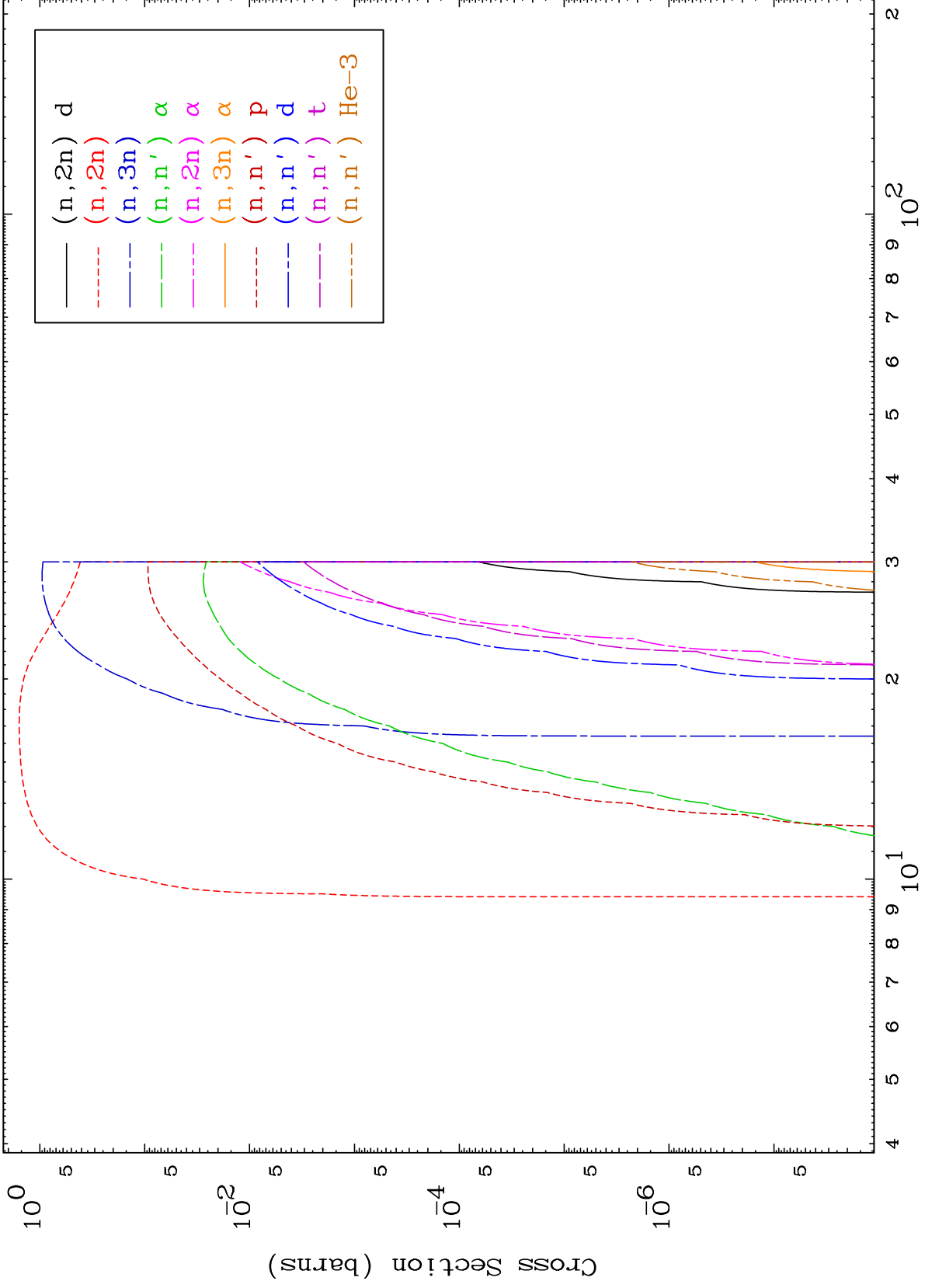
50-Sn-118



MAT 5043

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-118



2

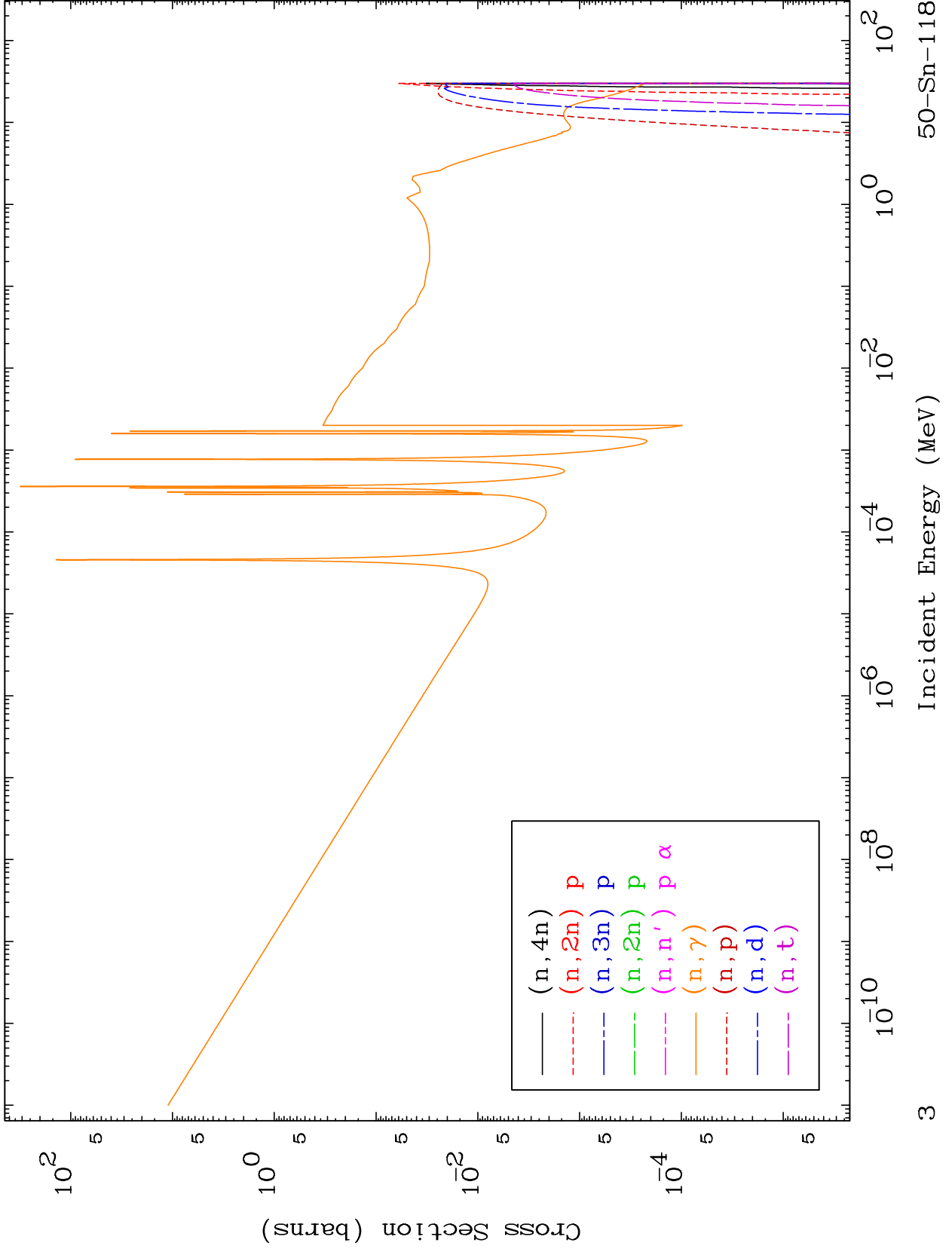
Incident Energy (MeV)

50-Sn-118

MAT 5043

Neutron Absorption
293 Kelvin Cross Sections

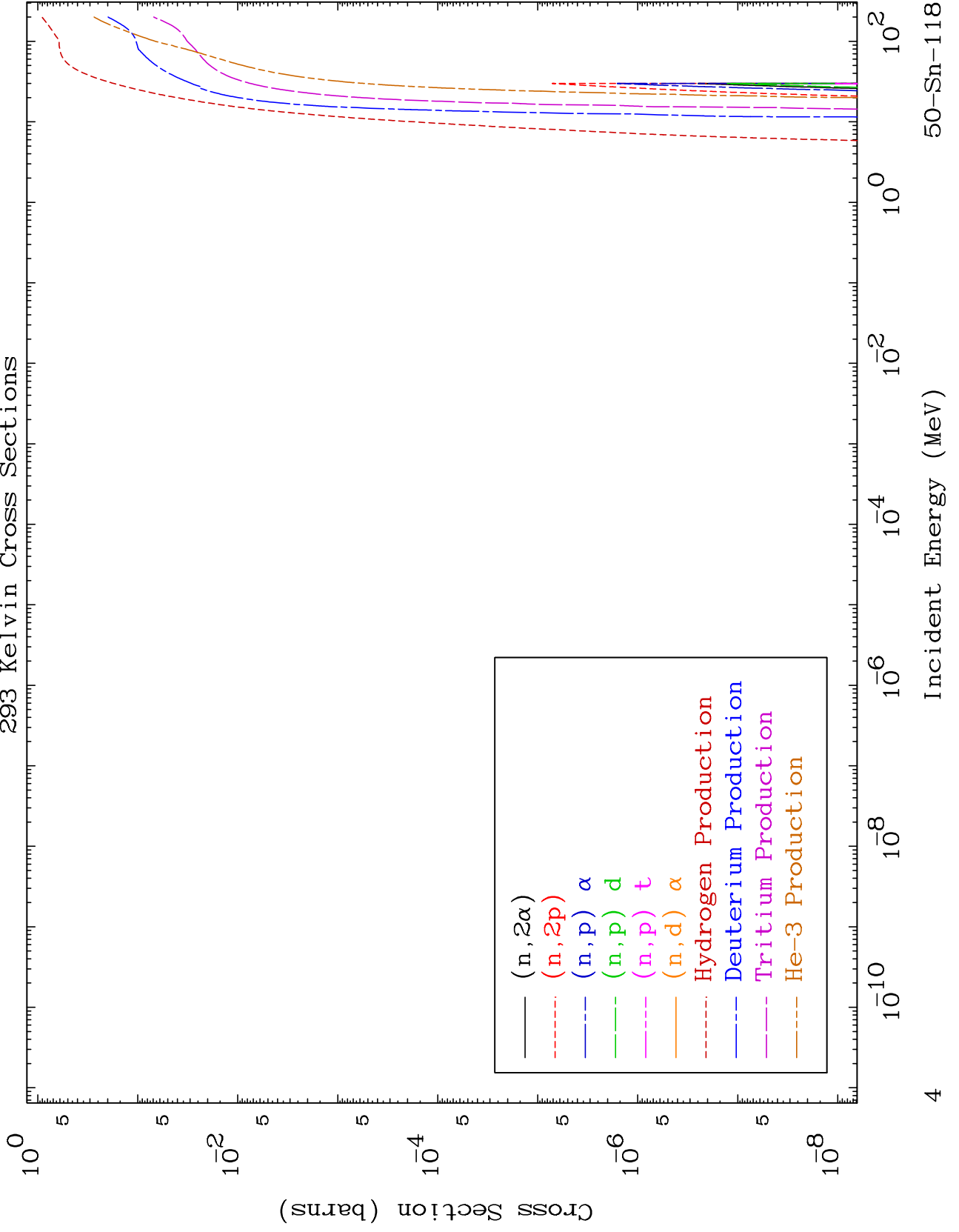
50-Sn-118



MAT 5043

Neutron Absorption
293 Kelvin Cross Sections

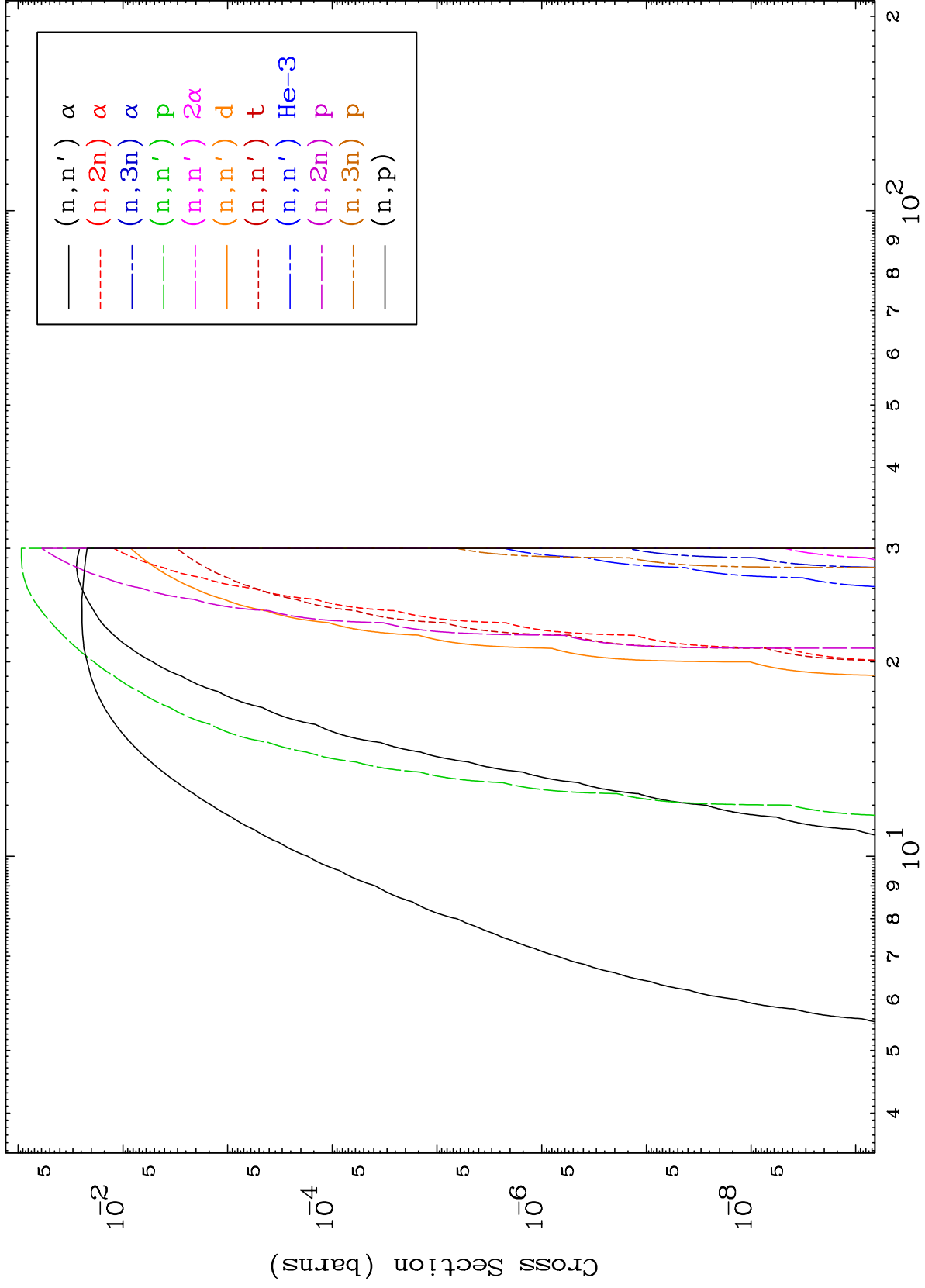
50-Sn-118



MAT 5043

Charged Particle
293 Kelvin Cross Sections

50-Sn-118



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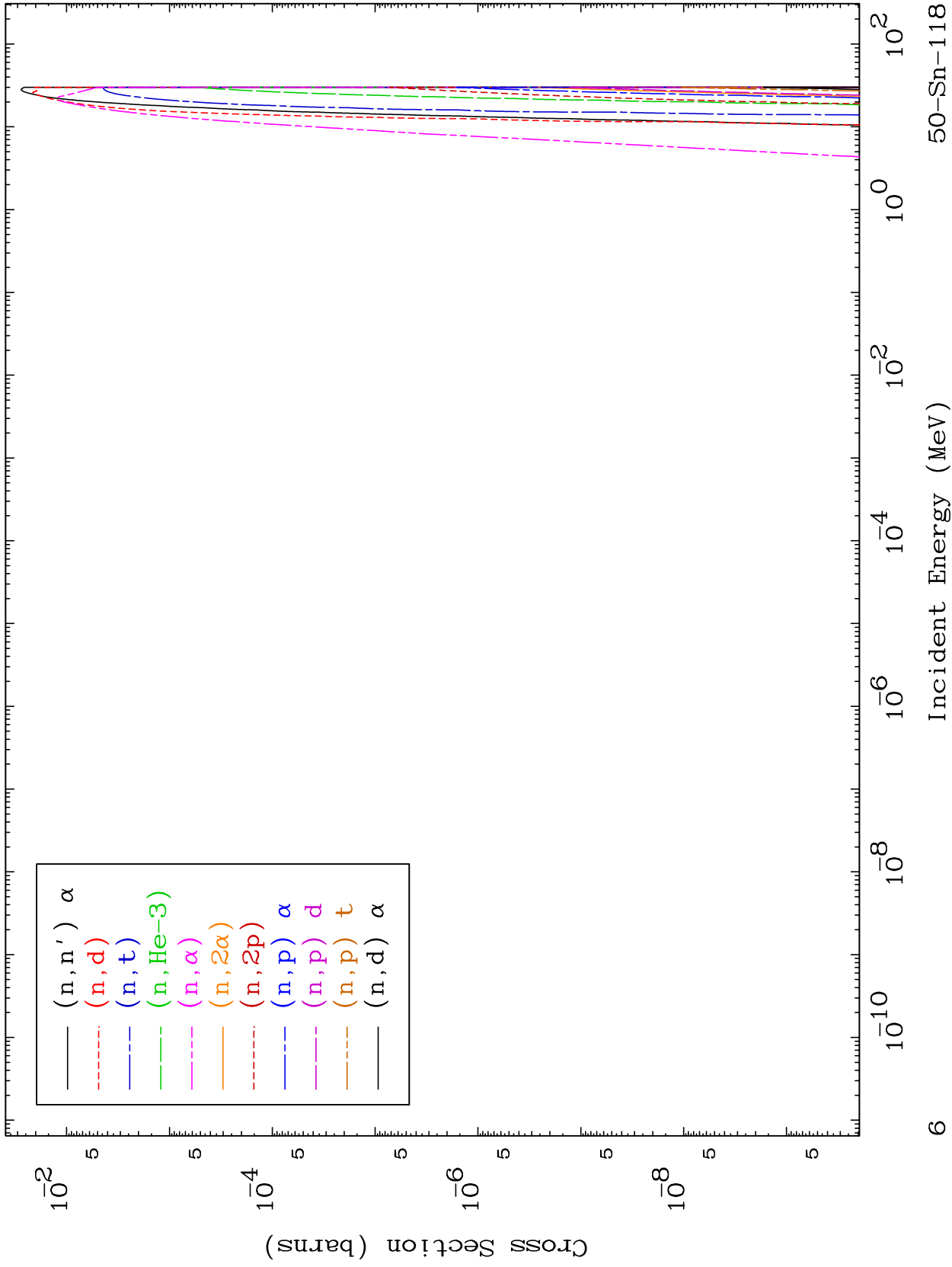
Incident Energy (MeV)

50-Sn-118

MAT 5043

Charged Particle
293 Kelvin Cross Sections

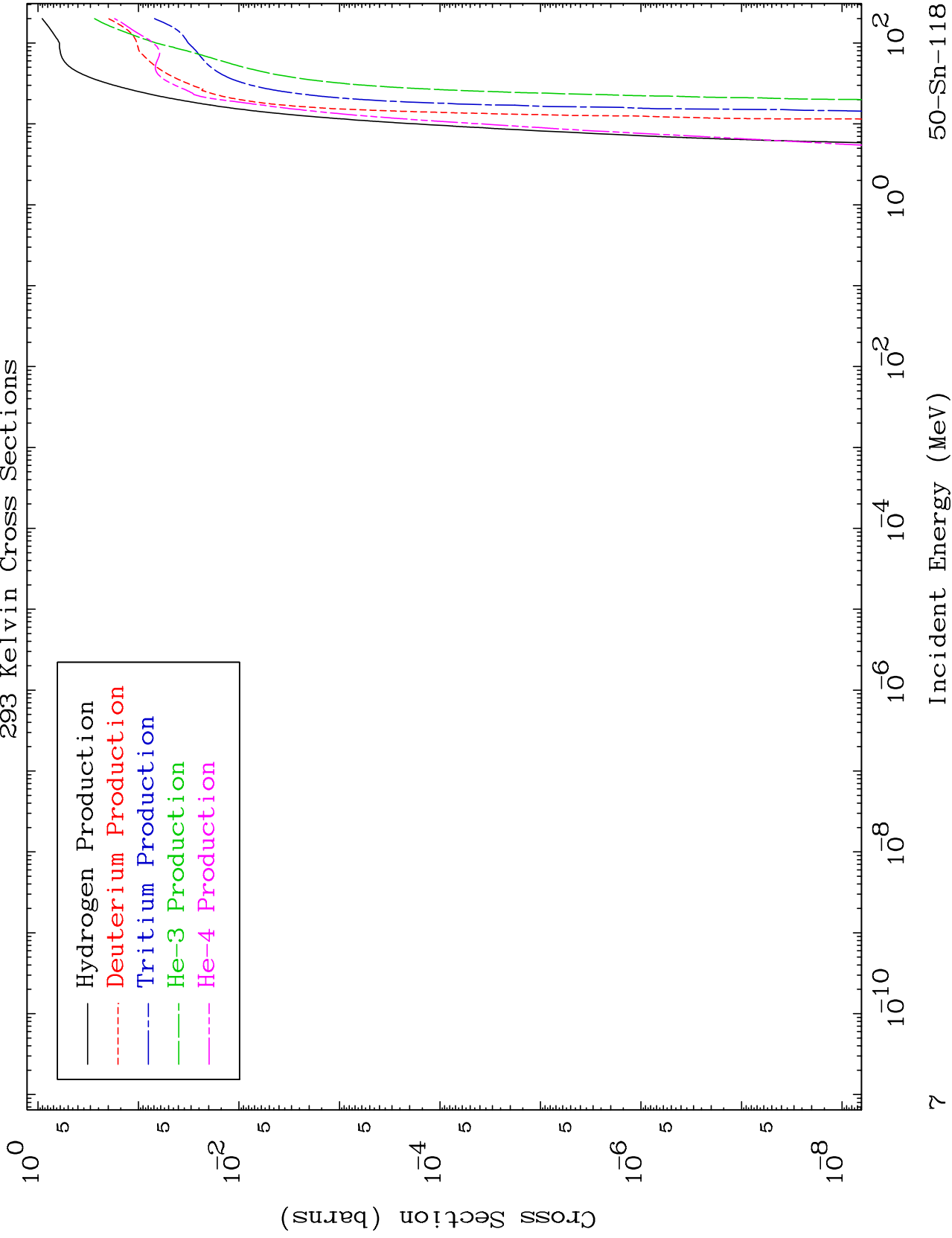
50-Sn-118



MAT 5043

Particle Production
293 Kelvin Cross Sections

50-Sn-118

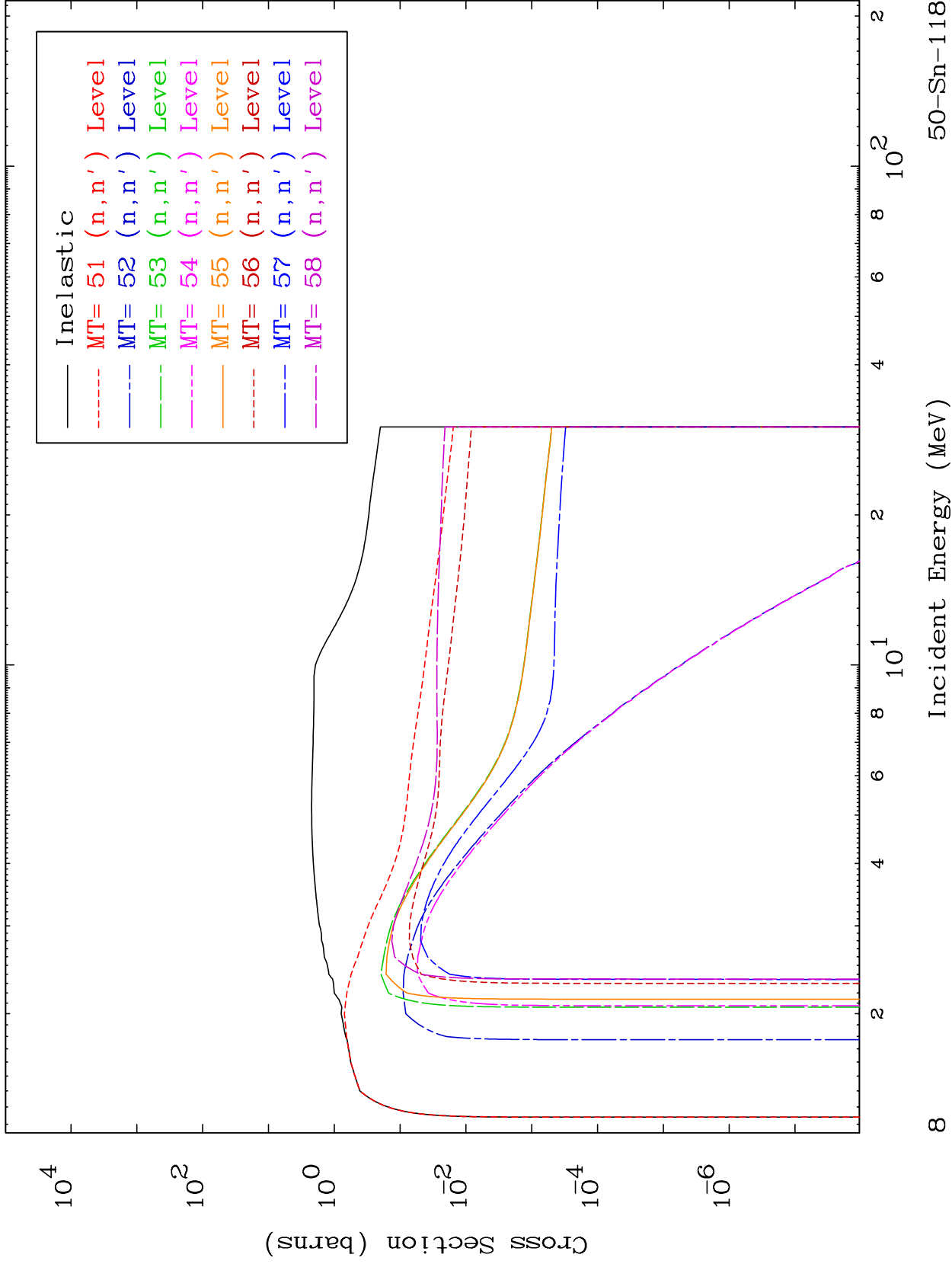


MAT 5043

(n,n') Levels

50-Sn-118

293 Kelvin Cross Sections



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Incident Energy (MeV)

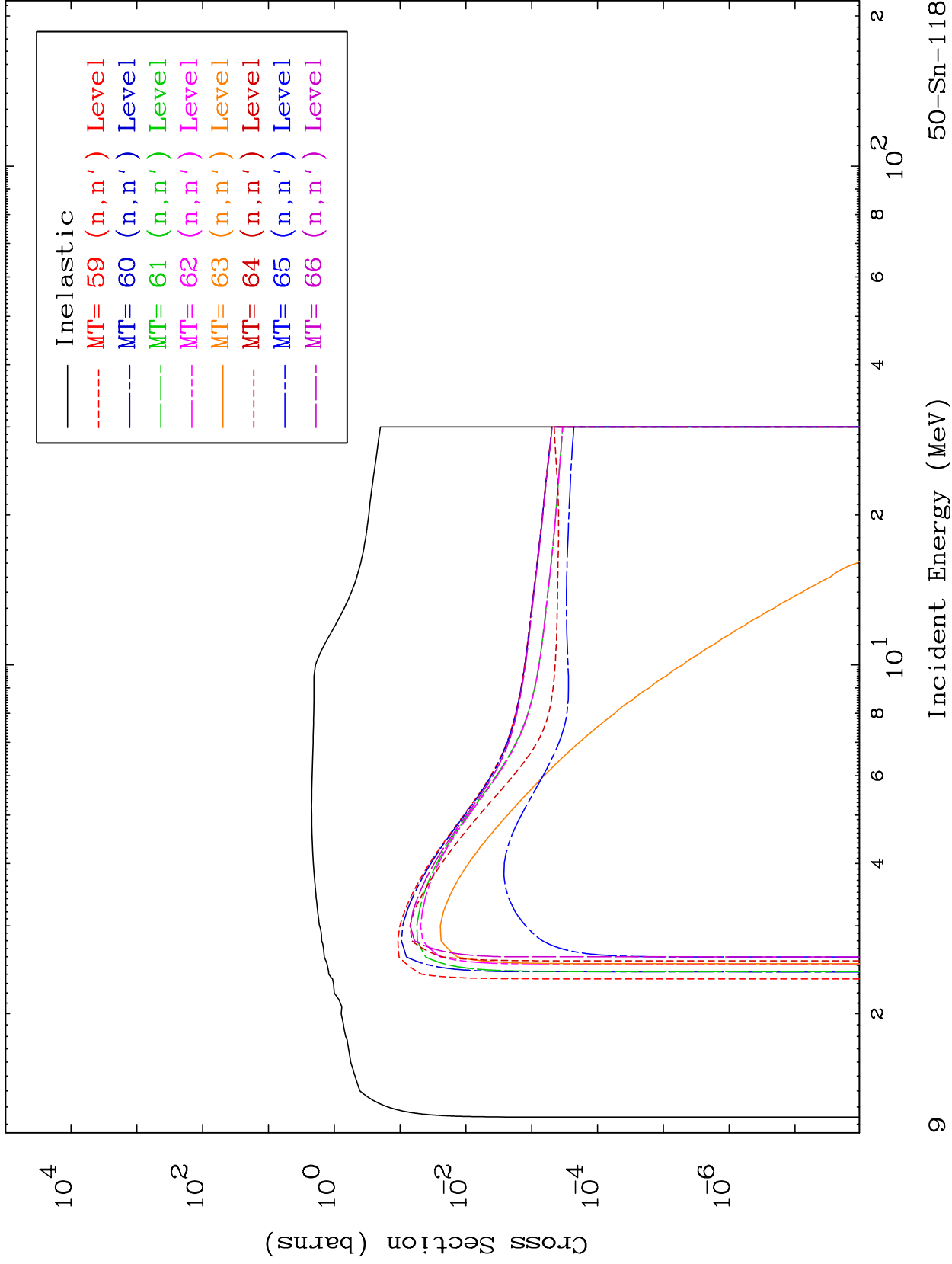
50-Sn-118

MAT 5043

(n,n') Levels

50-Sn-118

293 Kelvin Cross Sections

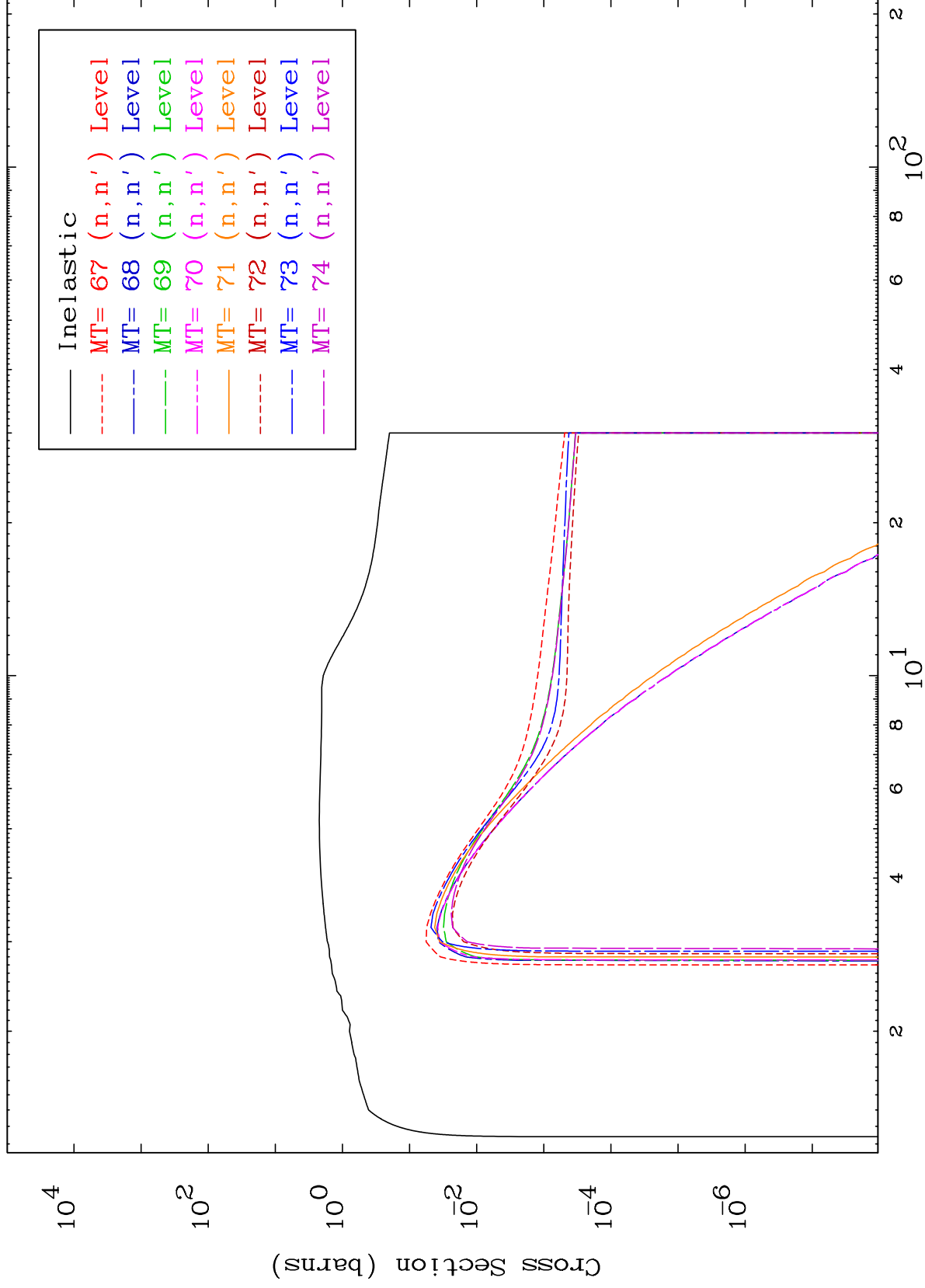


MAT 5043

(n,n') Levels

293 Kelvins Cross Sections

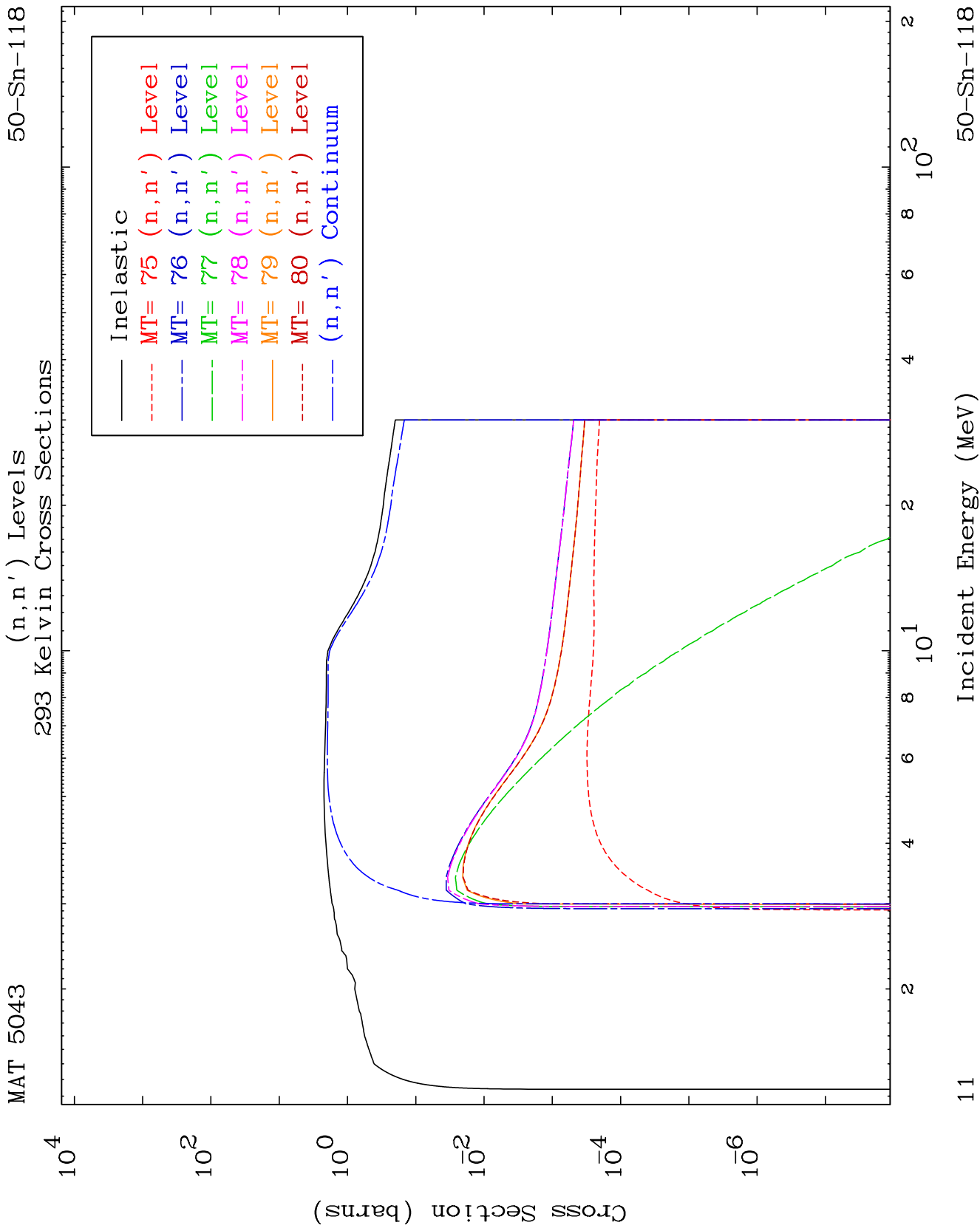
50-Sn-118



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Incident Energy (MeV)

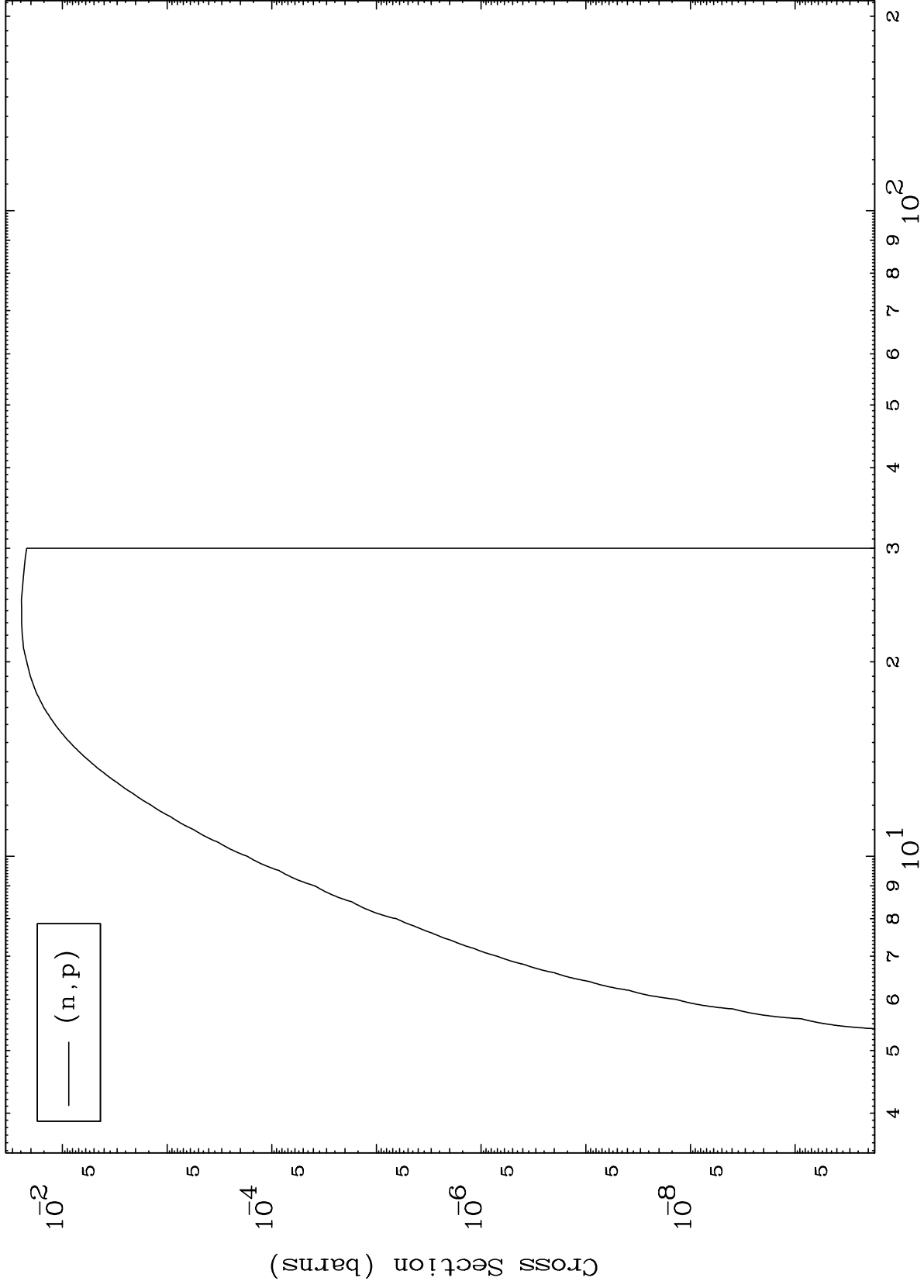
50-Sn-118



MAT 5043

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-118



12

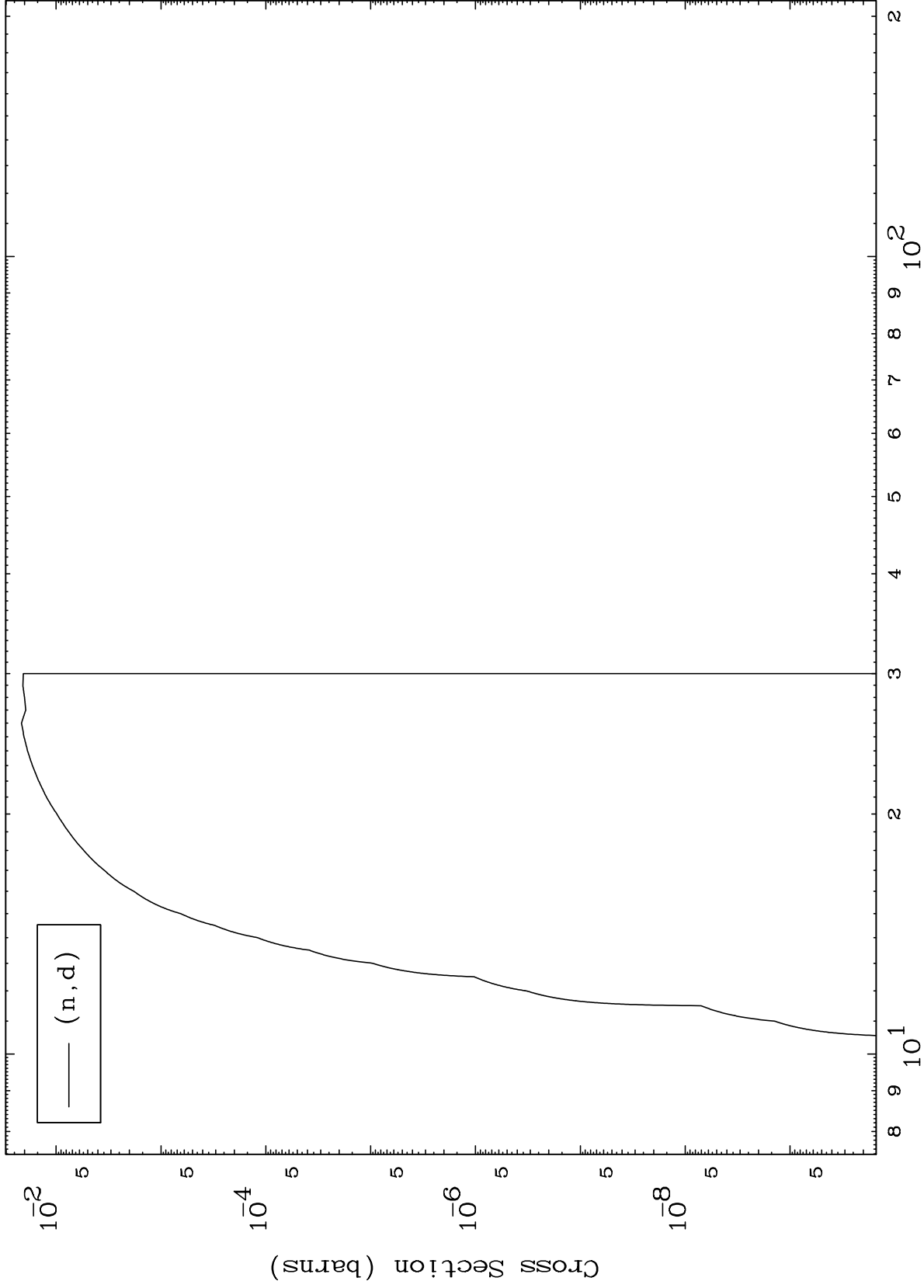
Incident Energy (MeV)

50-Sn-118

MAT 5043

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-118



13

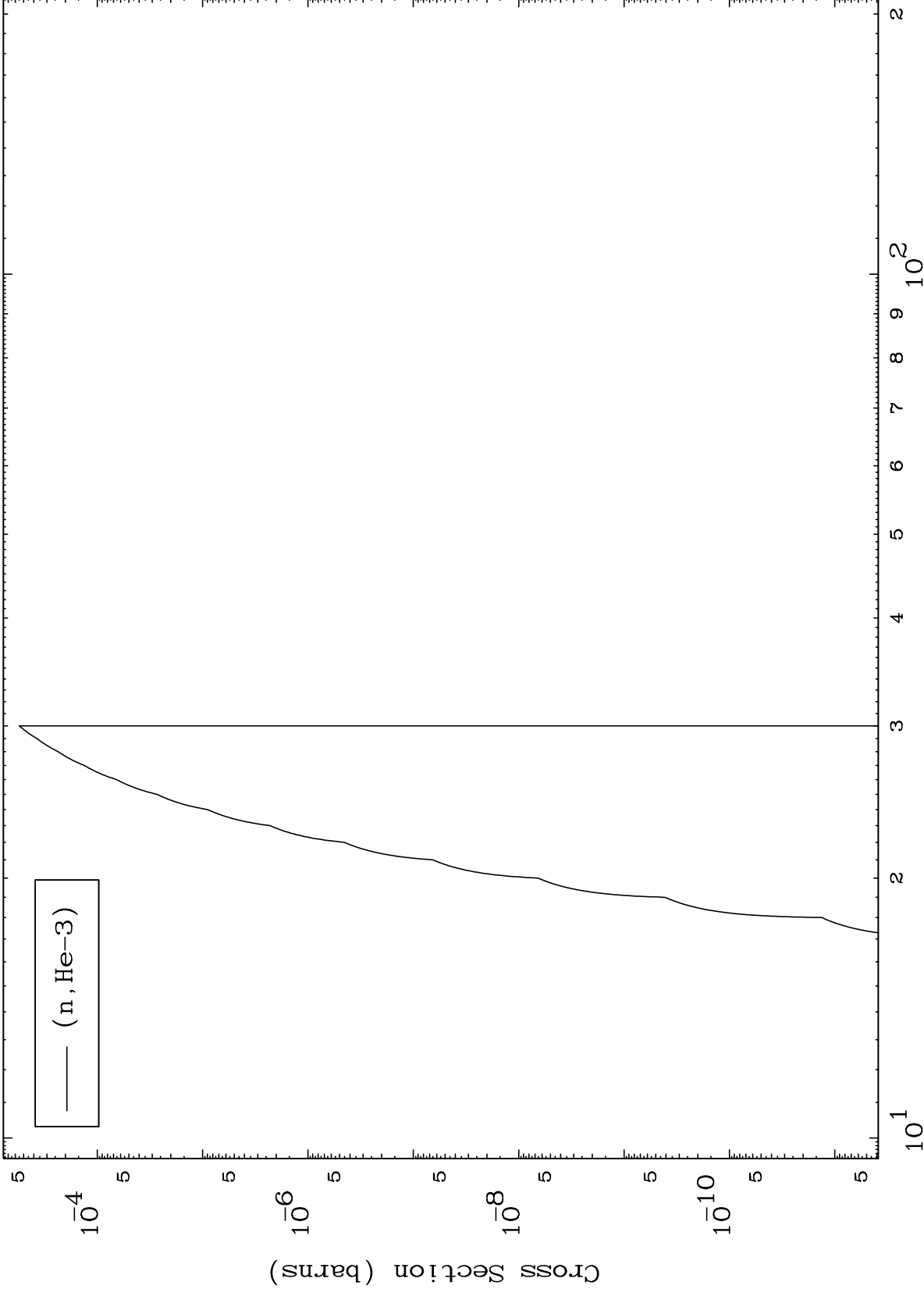
Incident Energy (MeV)

50-Sn-118

MAT 5043

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-118



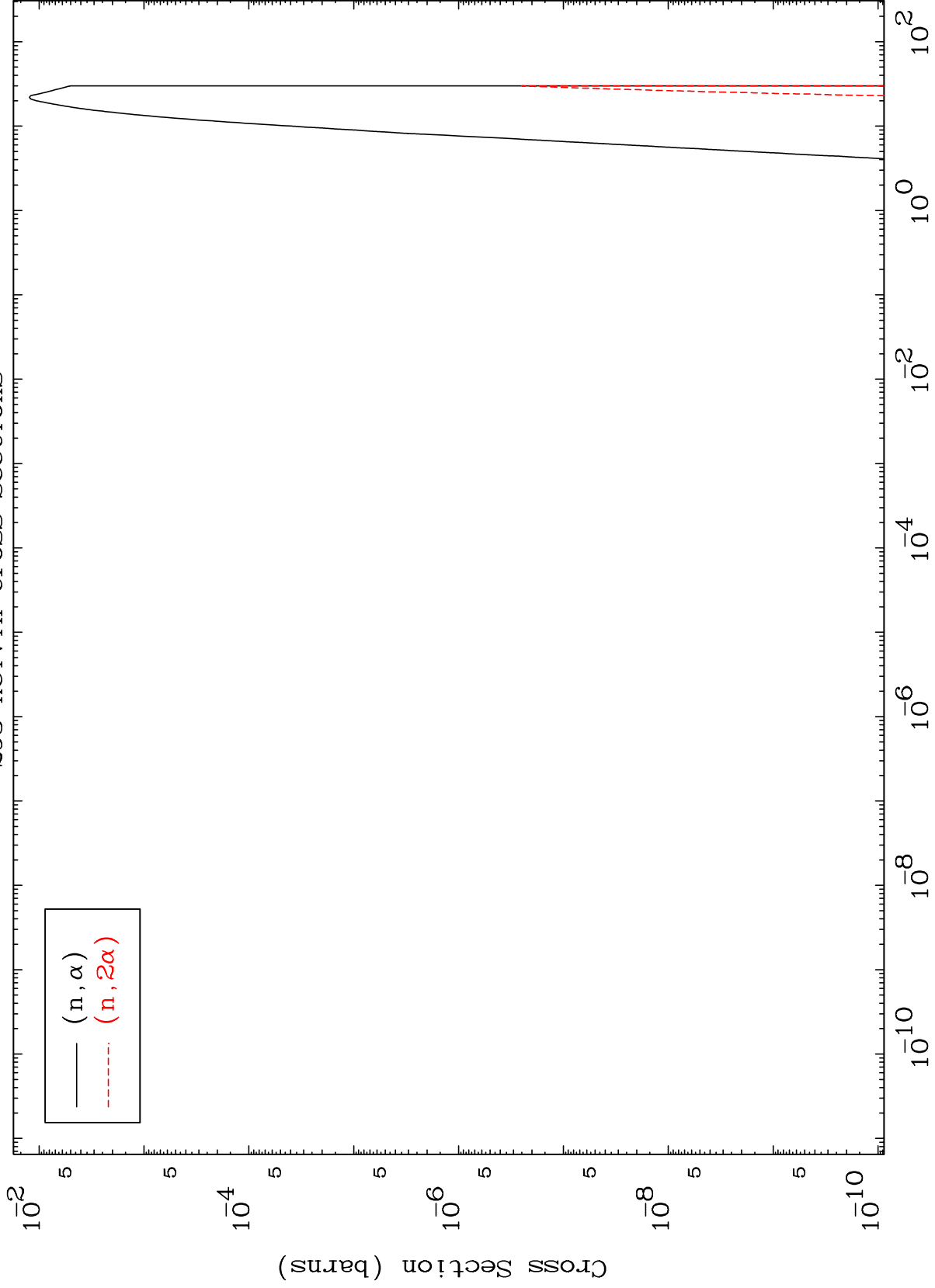
50-Sn-118

Incident Energy (MeV)

MAT 5043

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-118



16

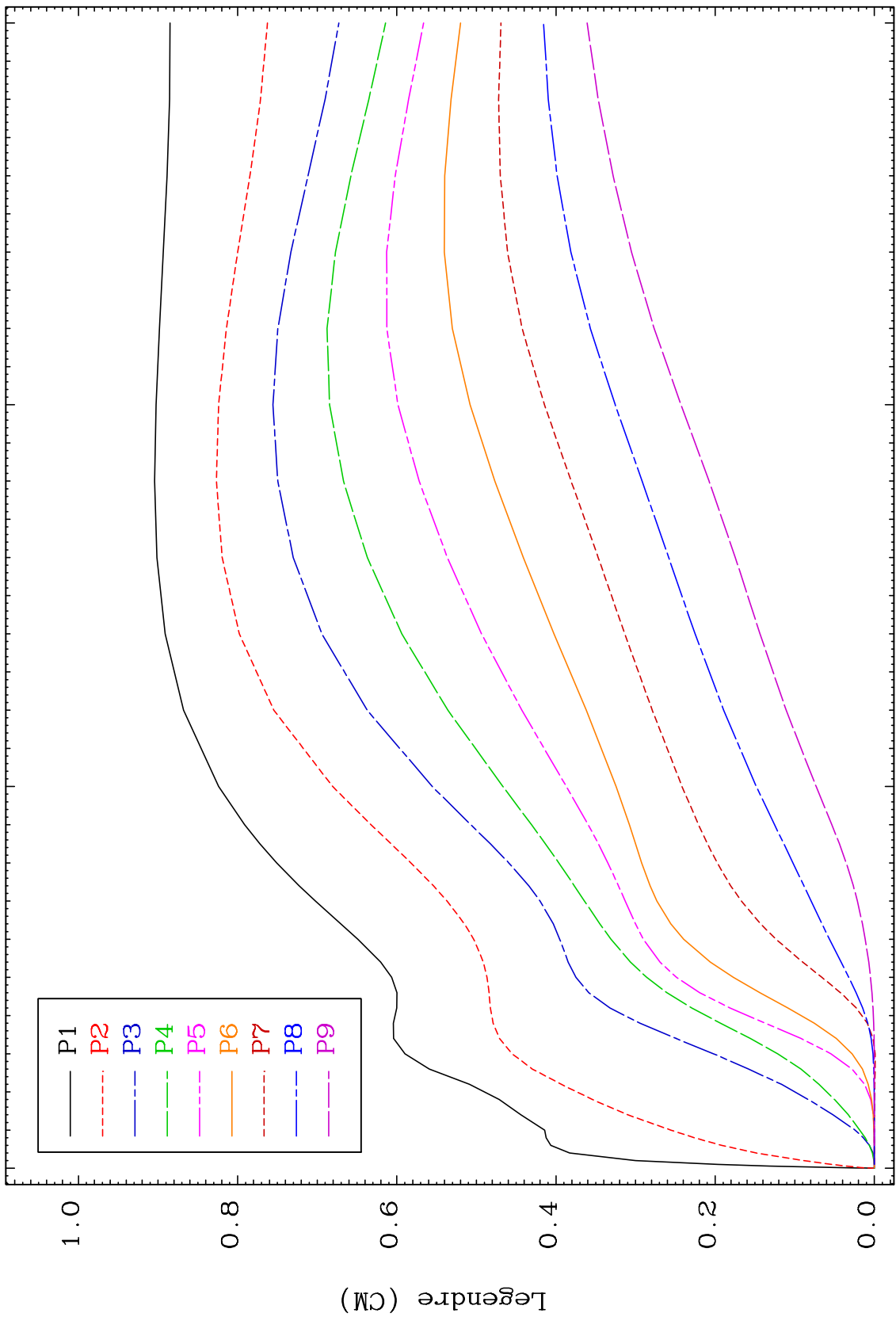
Incident Energy (MeV)

50-Sn-118

MAT 5043

Elastic Legendre Coefficients

50-Sn-118



17

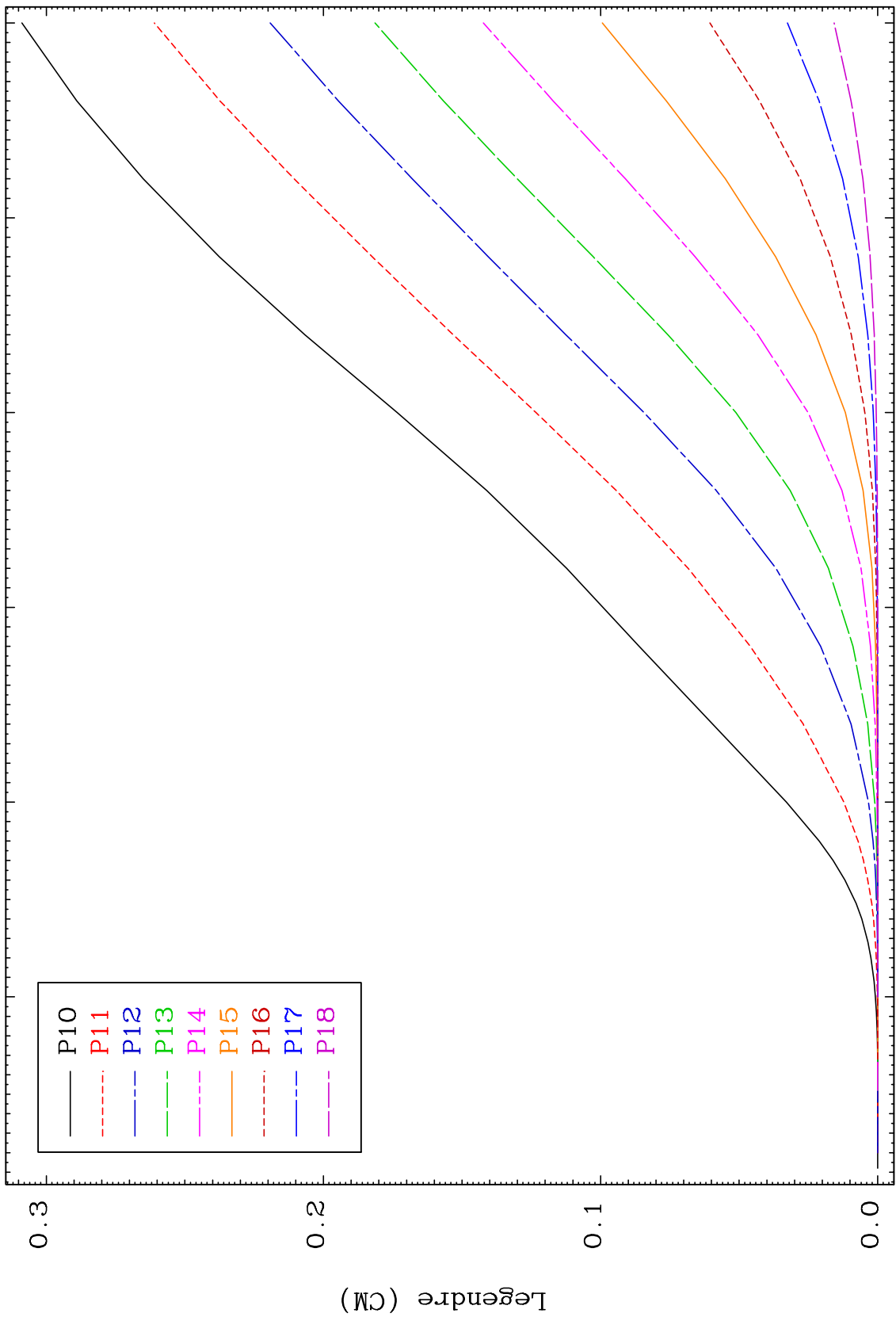
Incident Energy (MeV)

50-Sn-118

MAT 5043

Elastic Legendre Coefficients

50-Sn-118



18

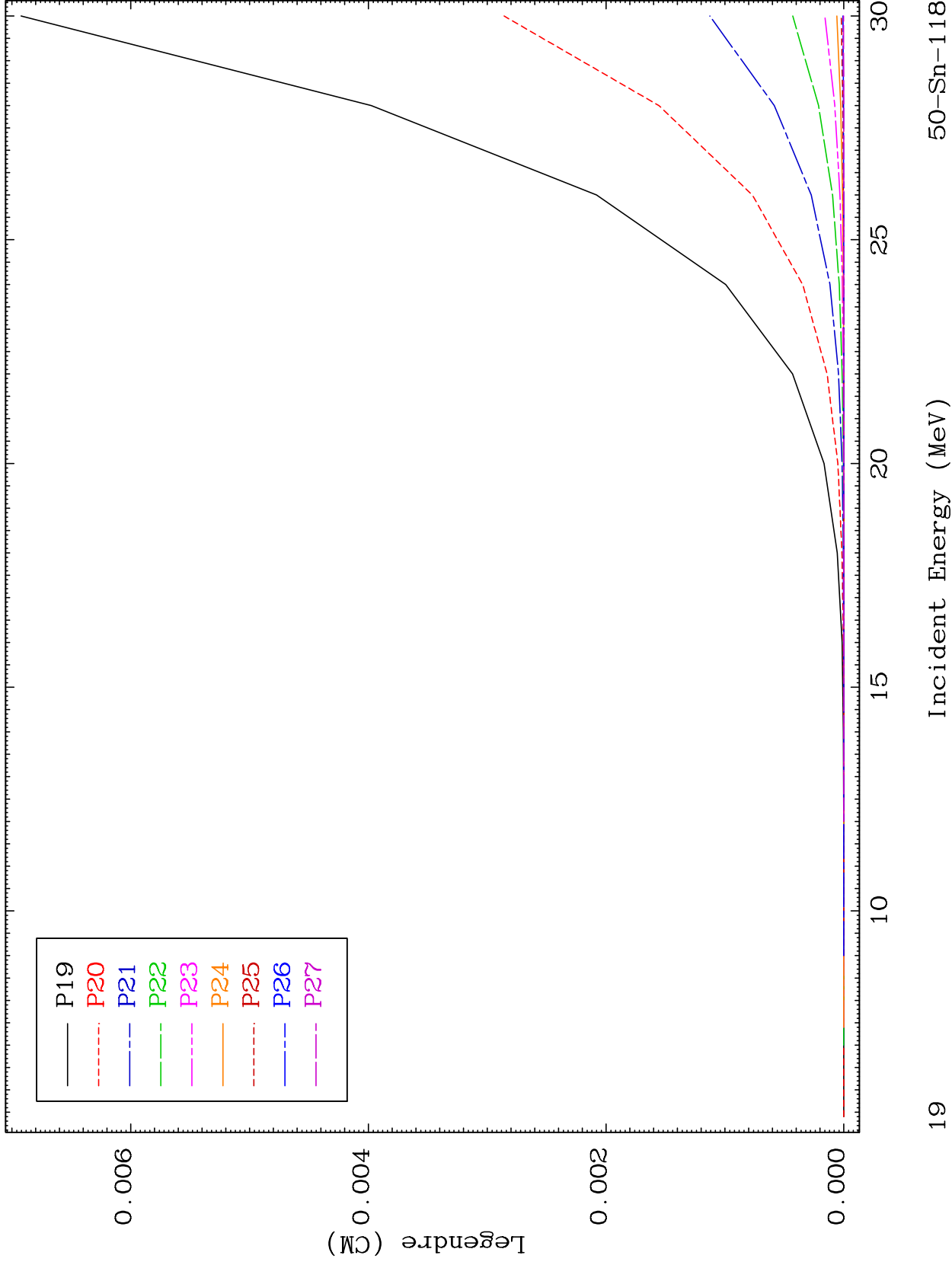
Incident Energy (MeV)

50-Sn-118

MAT 5043

Elastic Legendre Coefficients

50-Sn-118

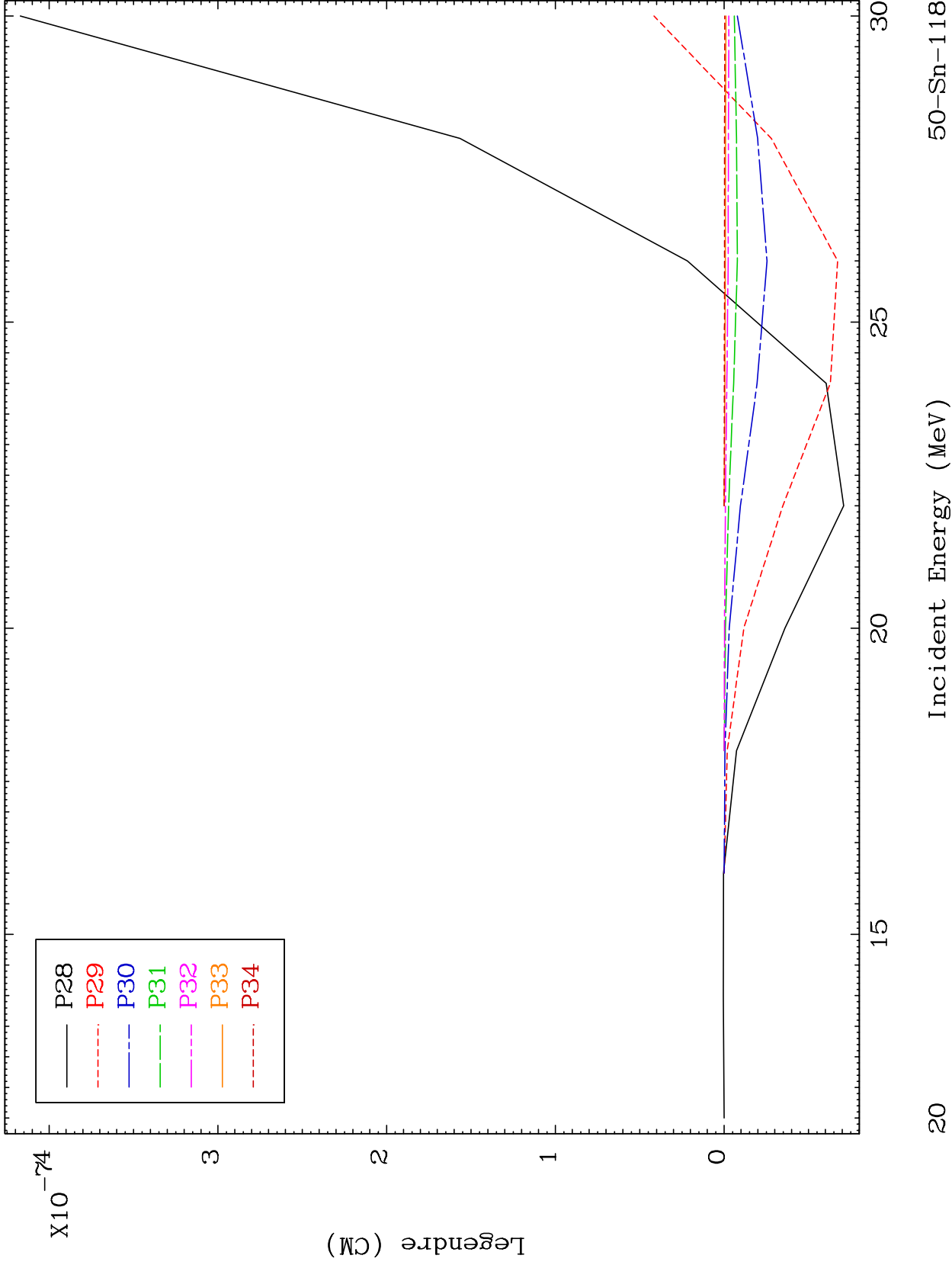


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MAT 5043

Elastic Legendre Coefficients

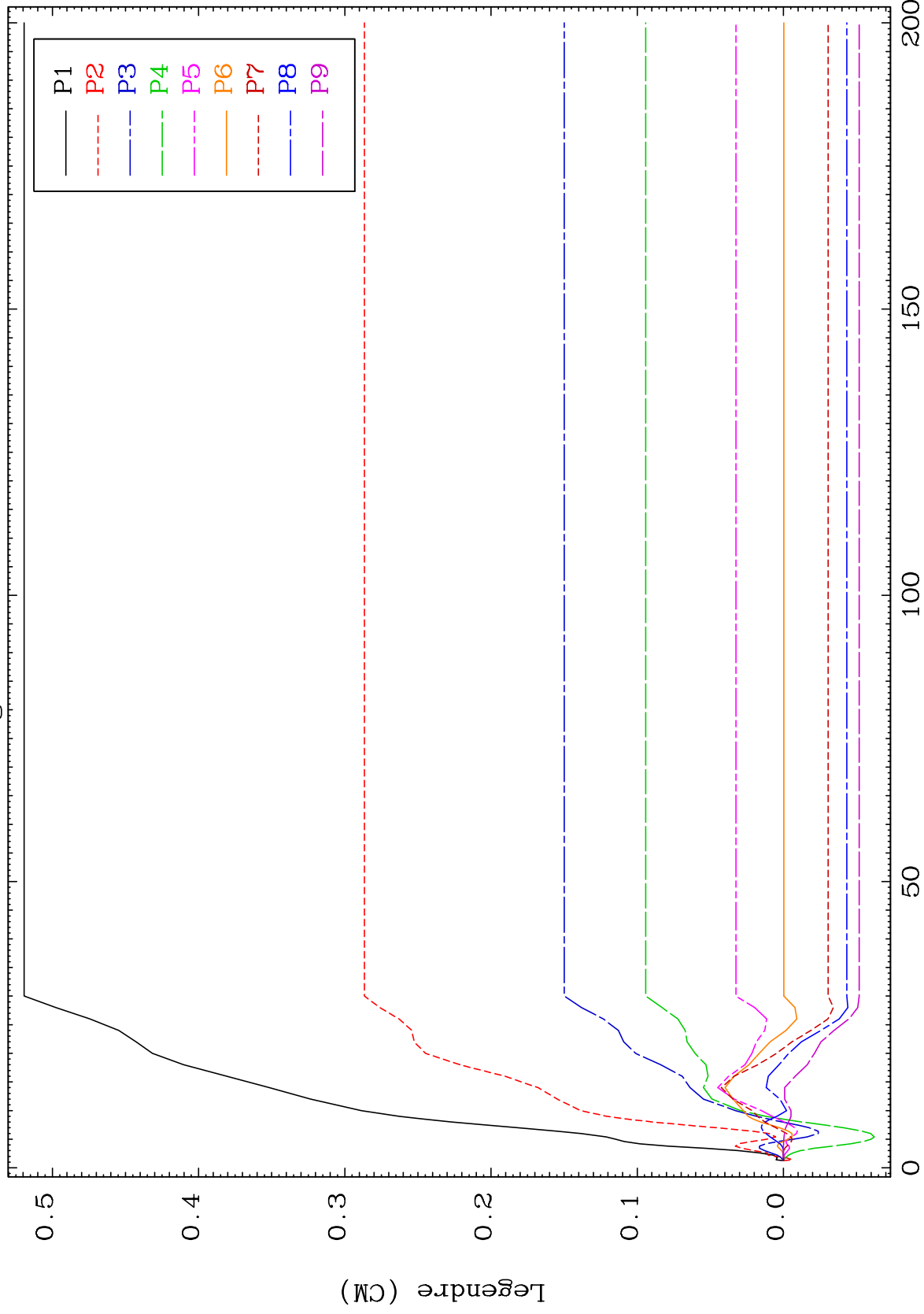
50-Sn-118



MAT 5043

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

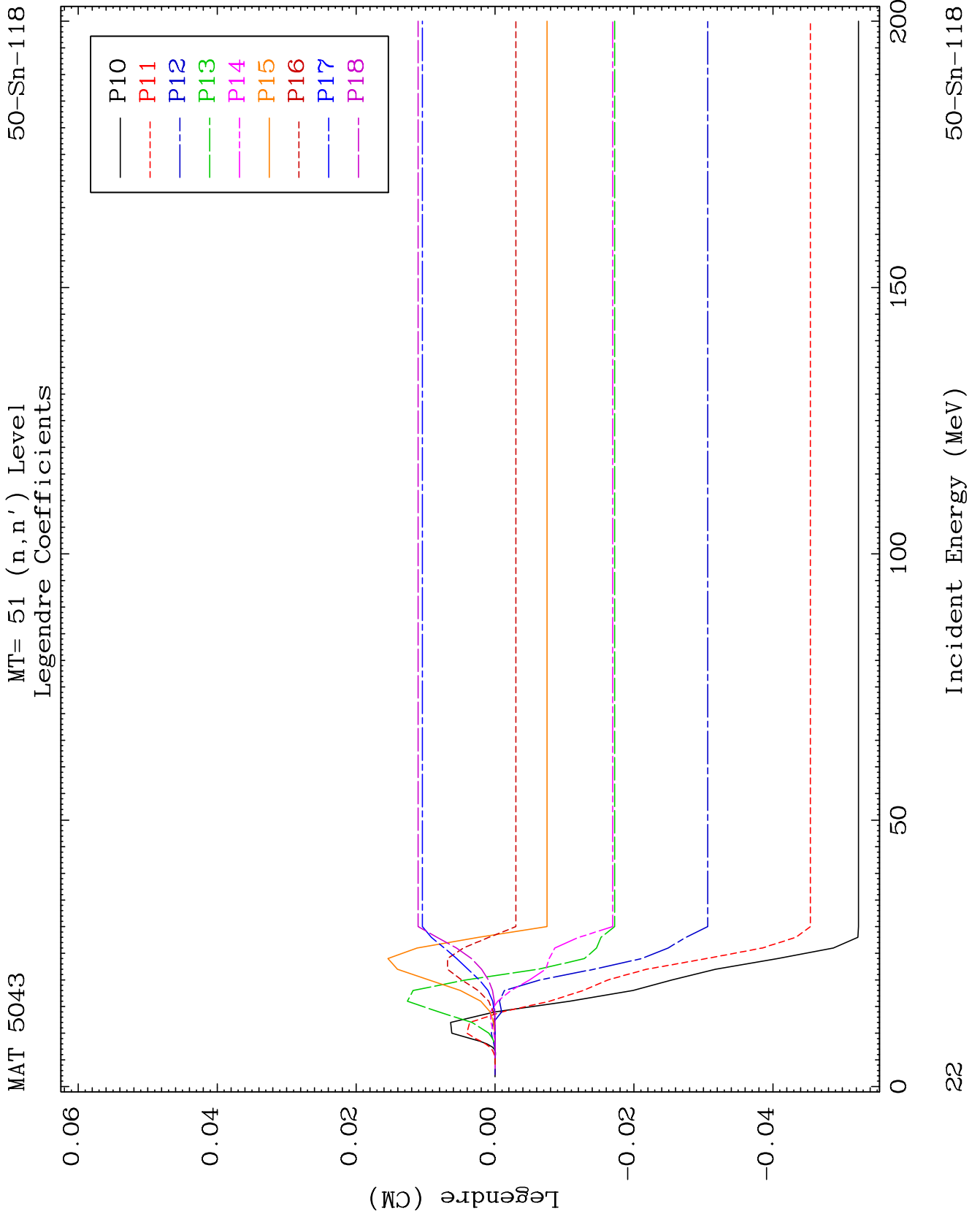
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21

Incident Energy (MeV)

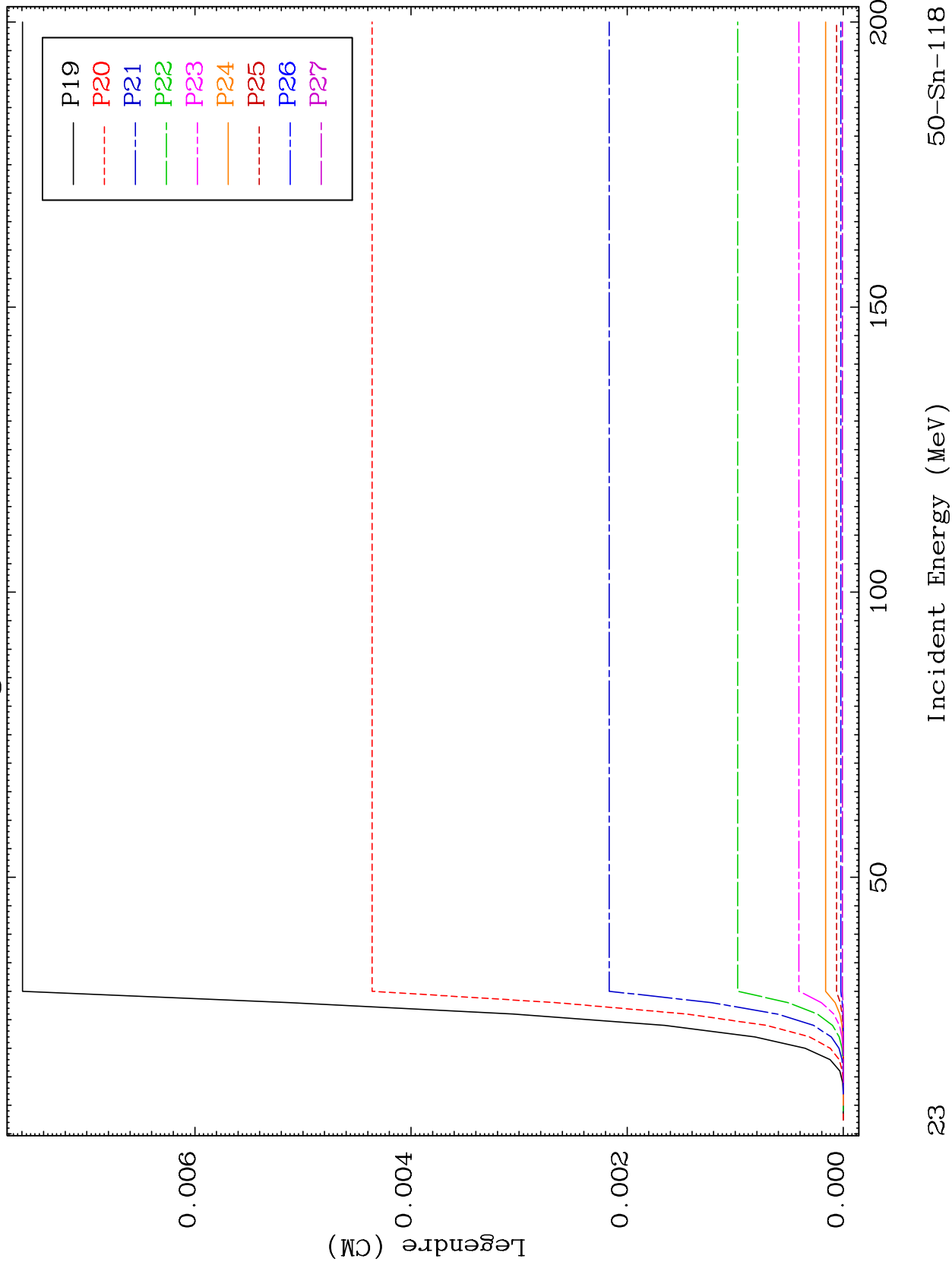
50-Sn-118



MAT 5043

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

50-Sn-118



23

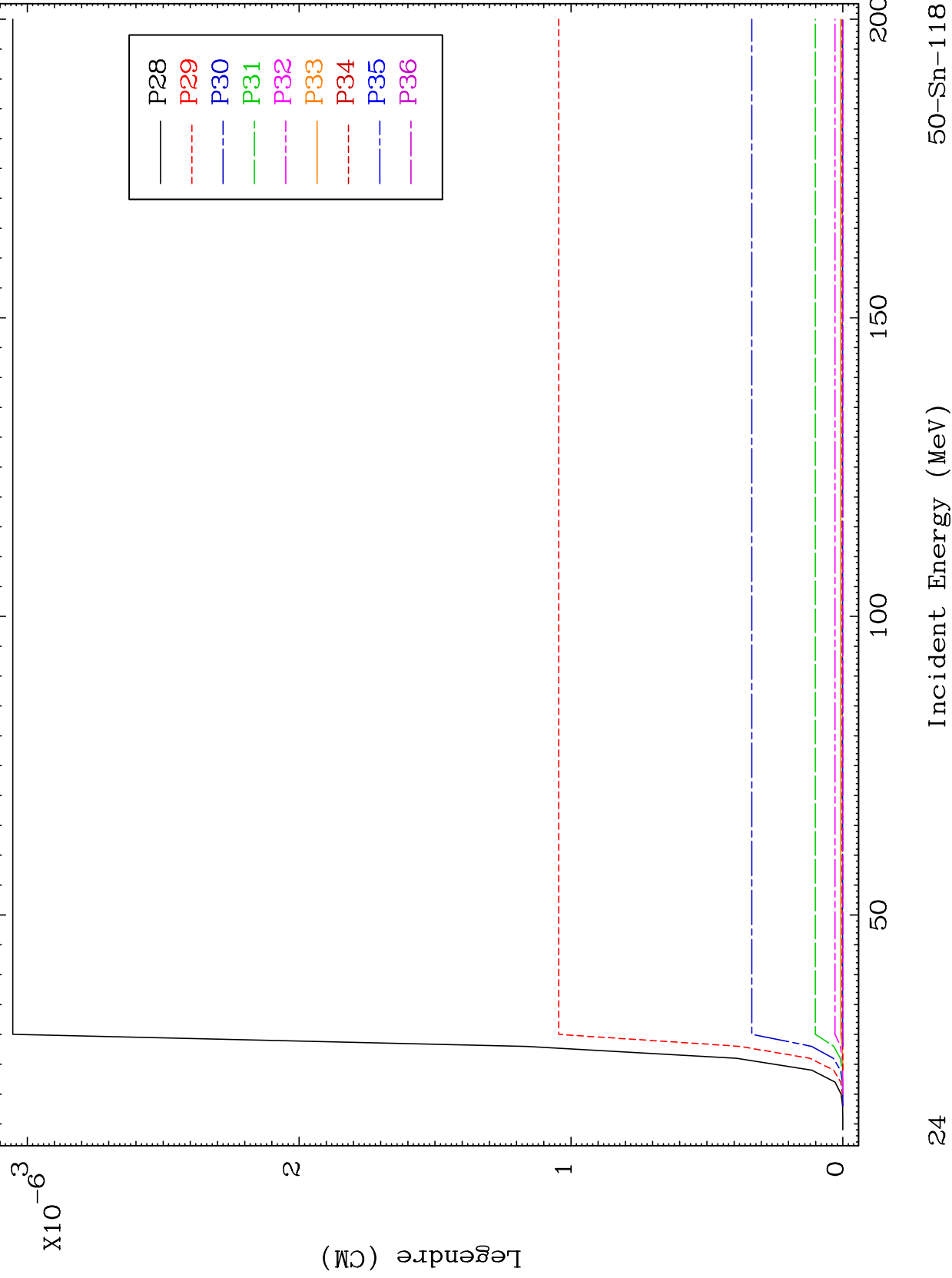
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

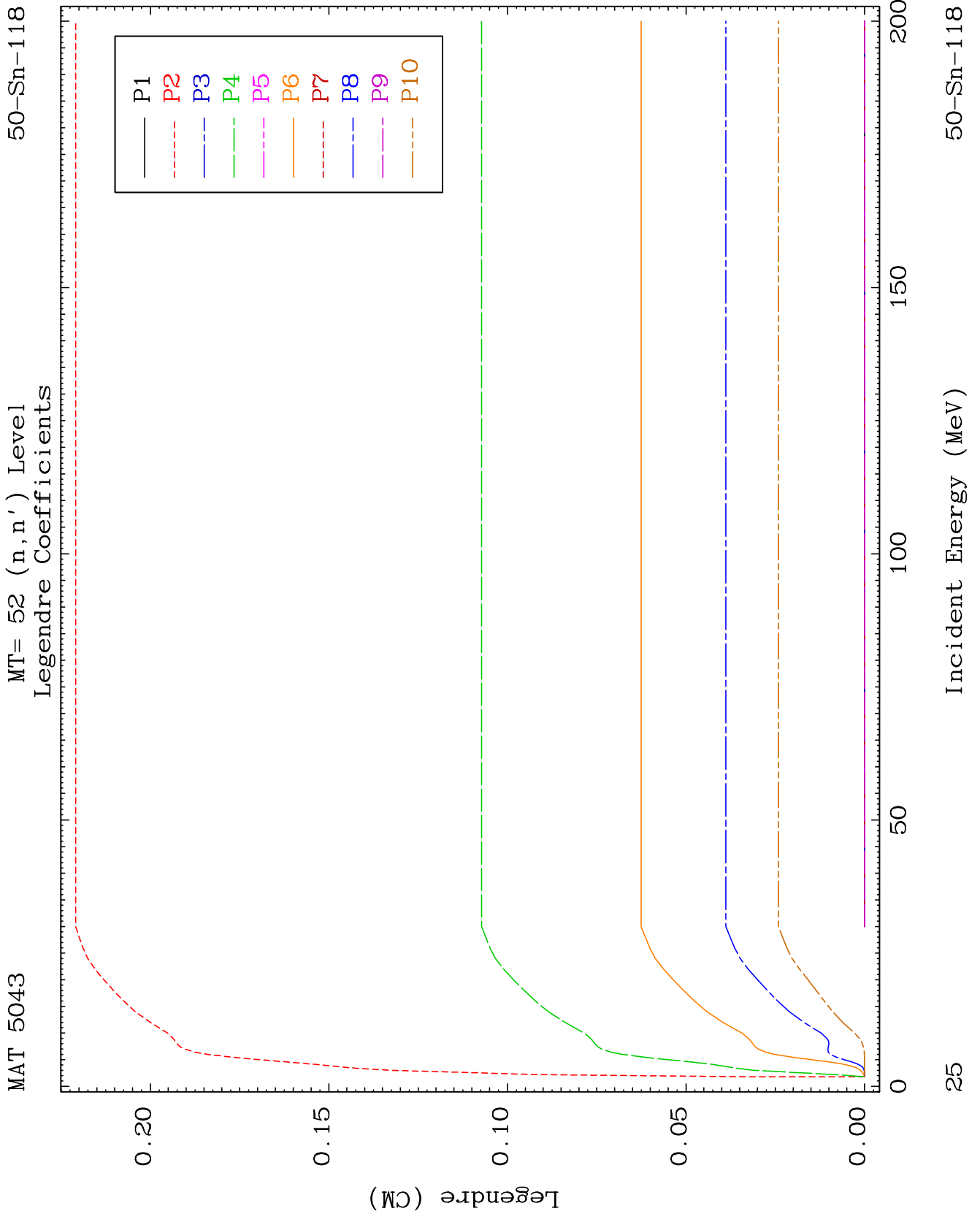
50-Sn-118

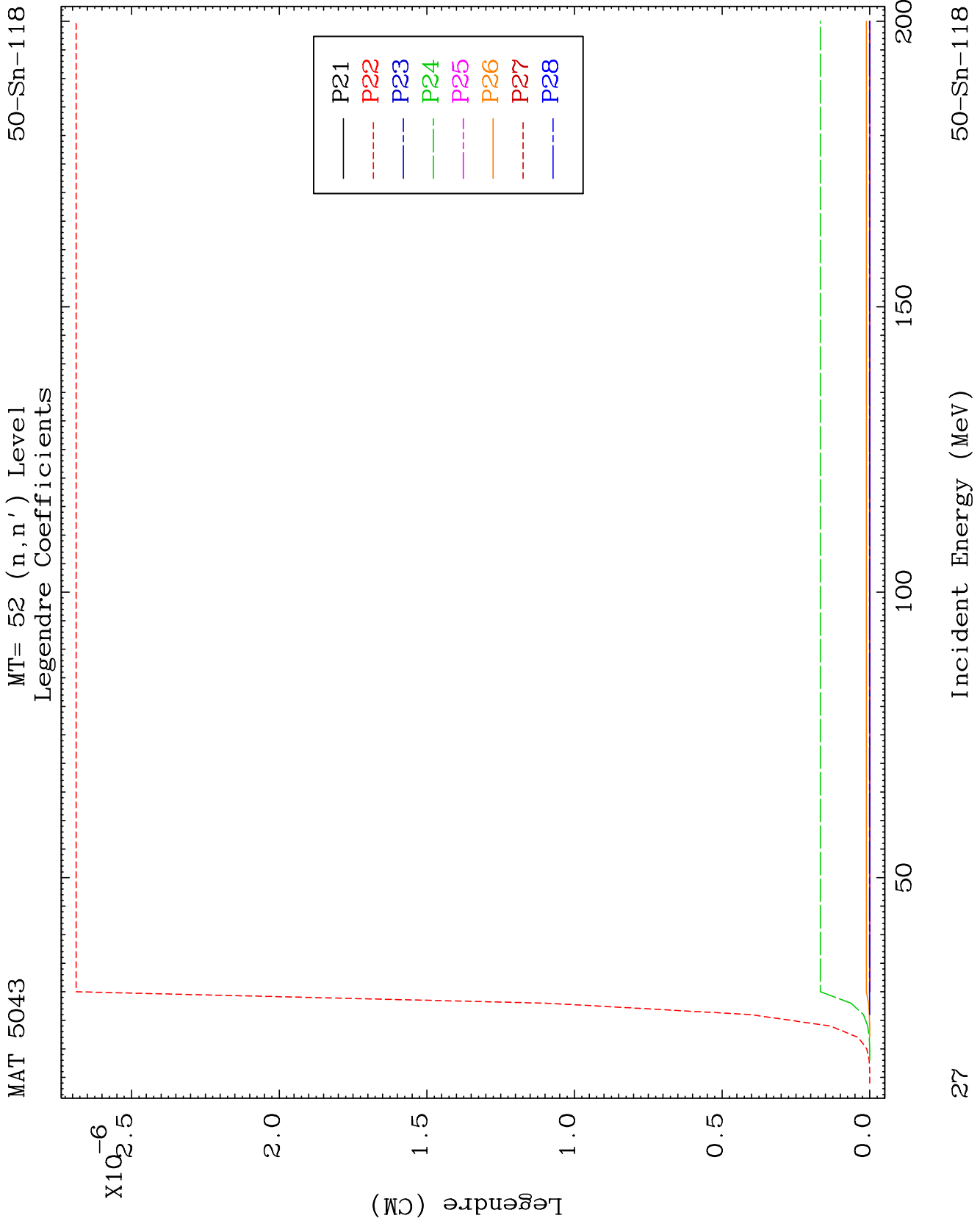


24

Incident Energy (MeV)

50-Sn-118

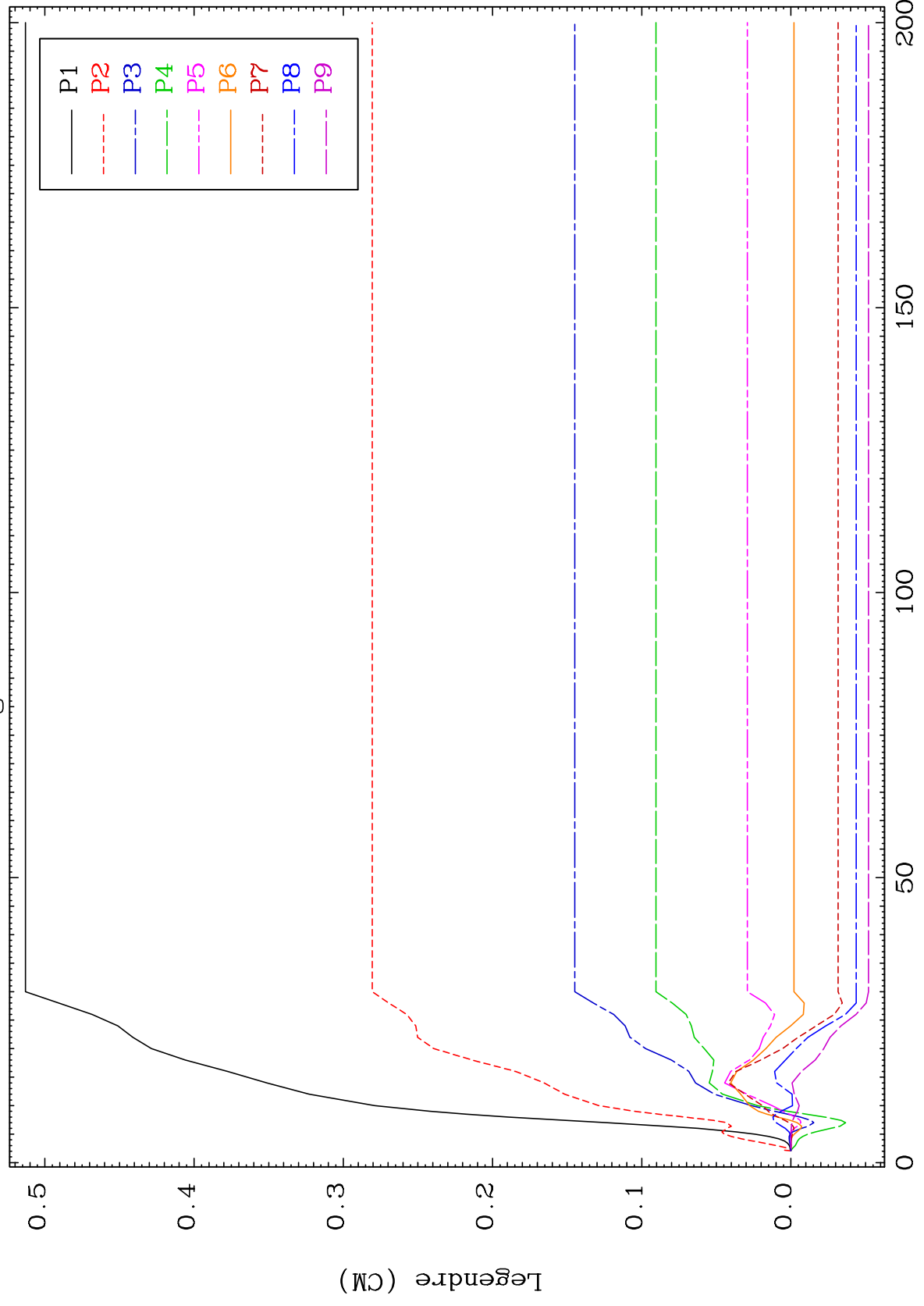




MAT 5043

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

50-Sn-118



50-Sn-118

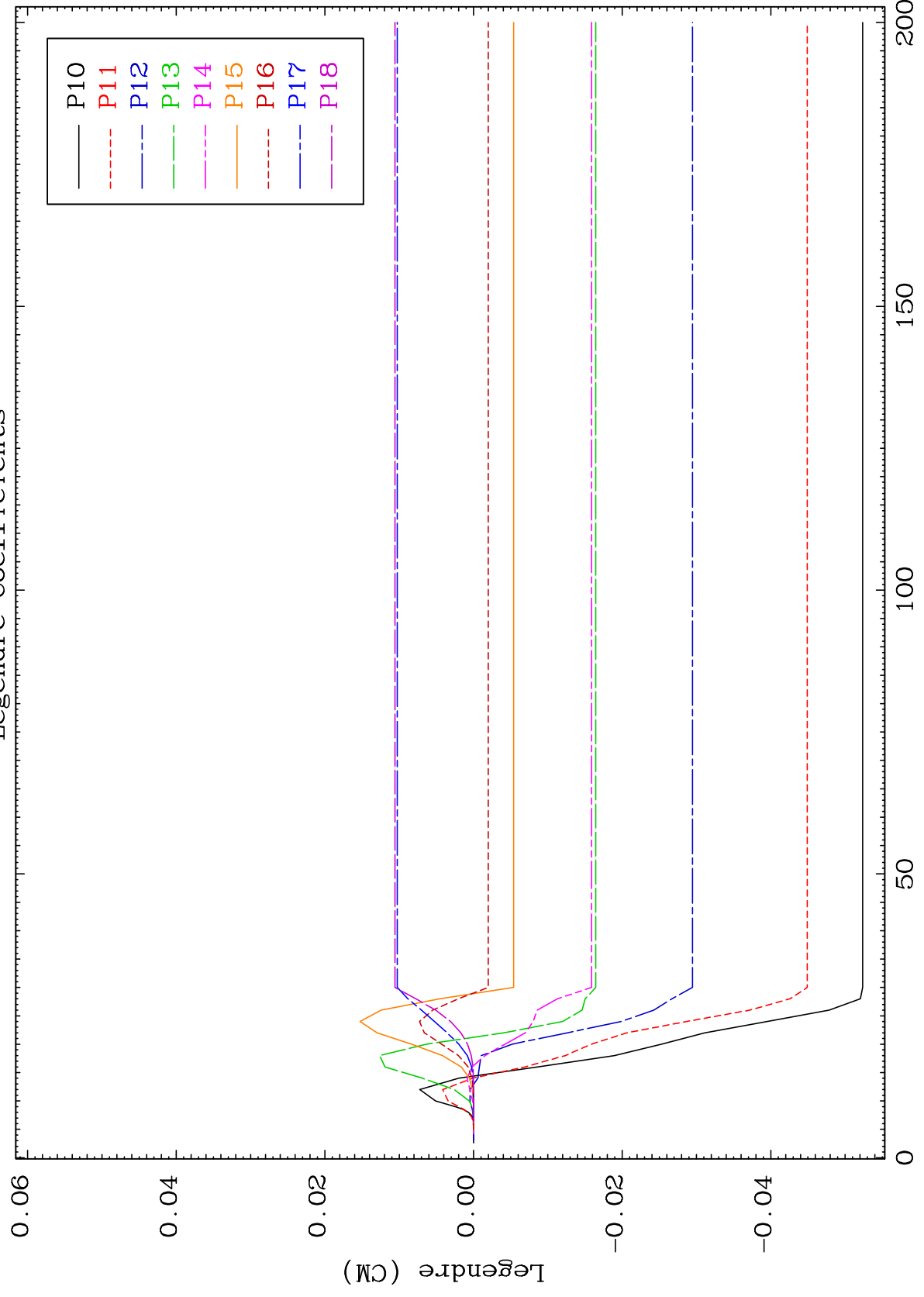
Incident Energy (MeV)

28

MAT 5043

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

50-Sn-118



29

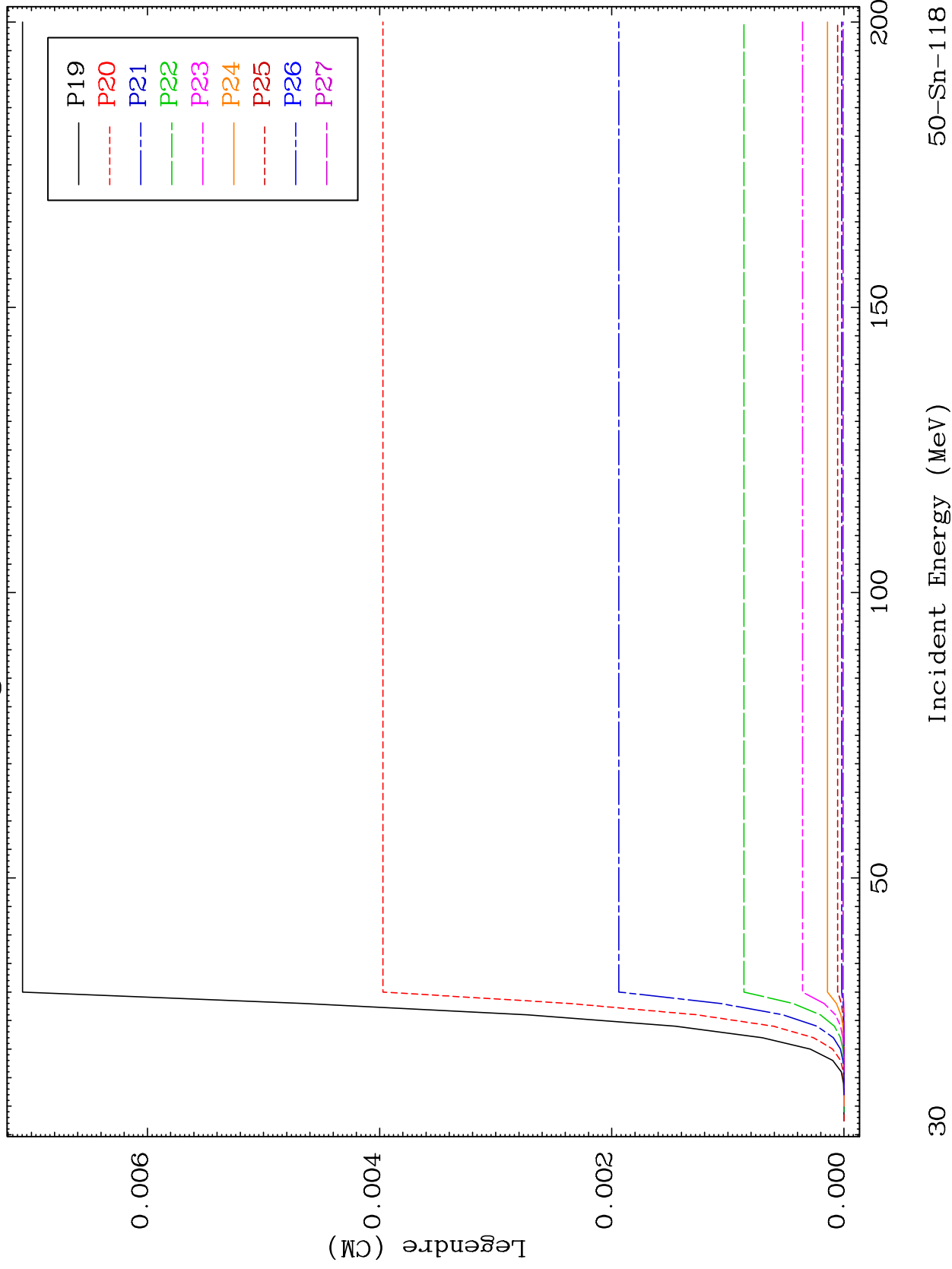
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



50-Sn-118

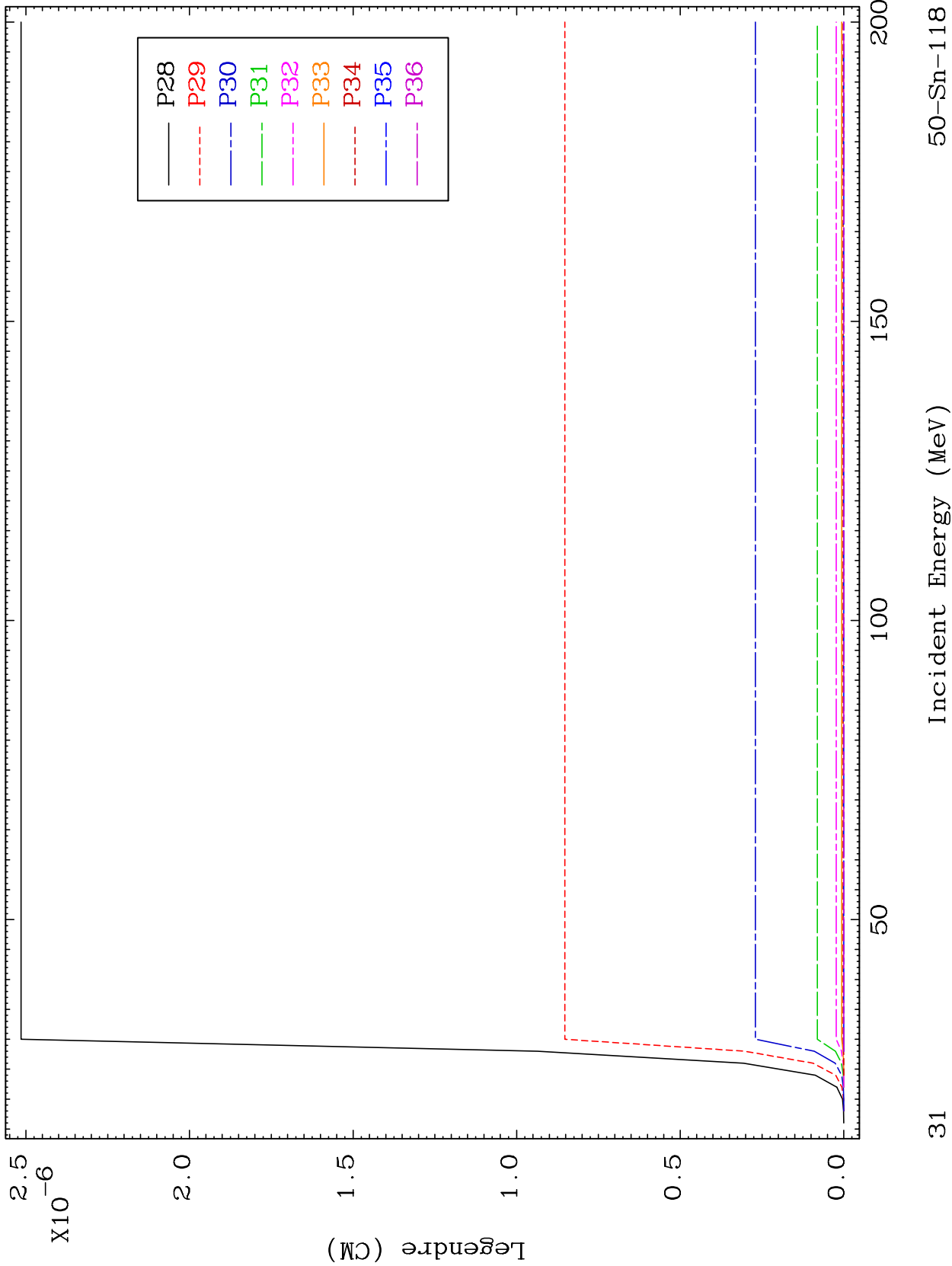
Incident Energy (MeV)

30

MAT 5043

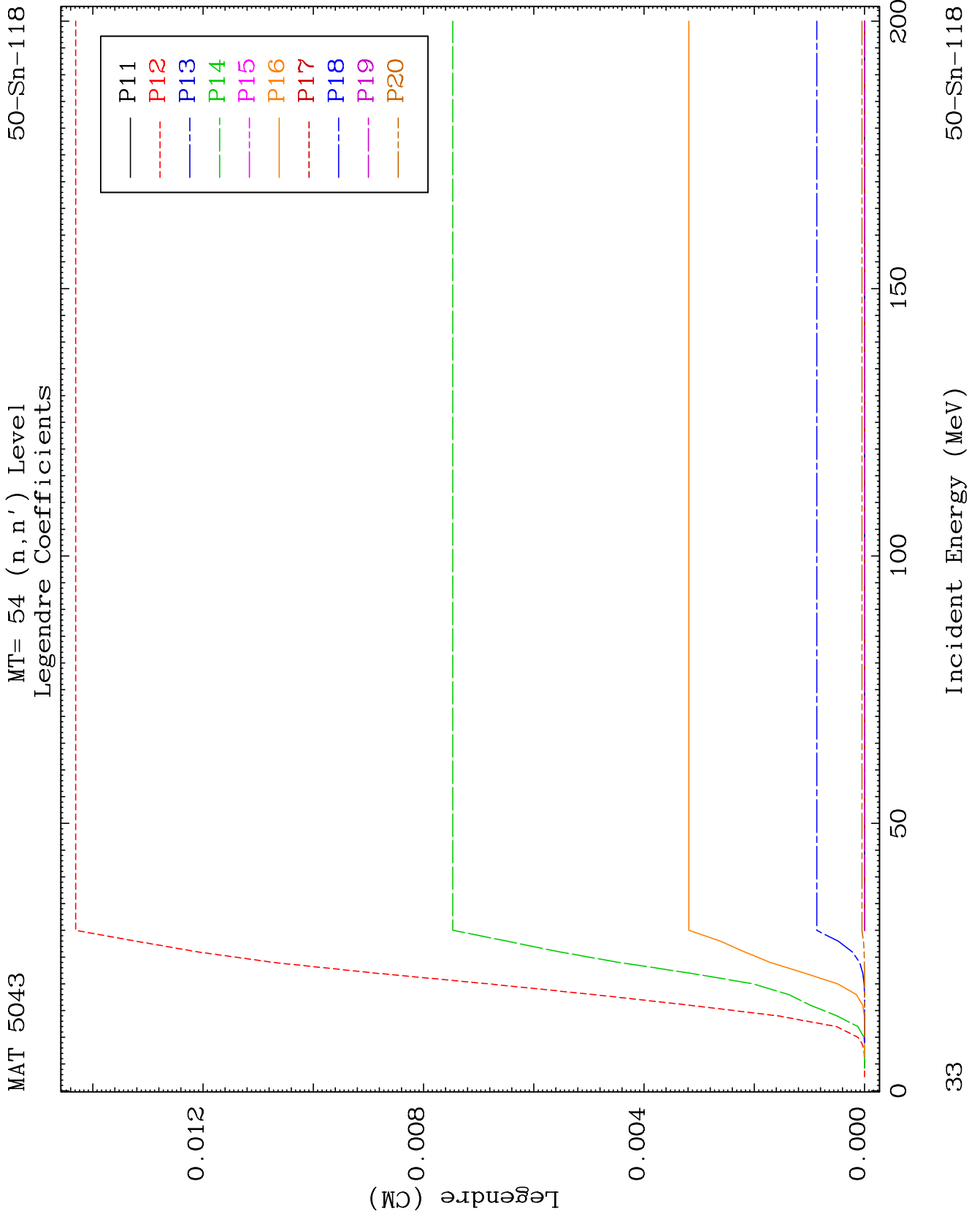
MT= 53 (n,n') Level
Legendre Coefficients

50-Sn-118



31

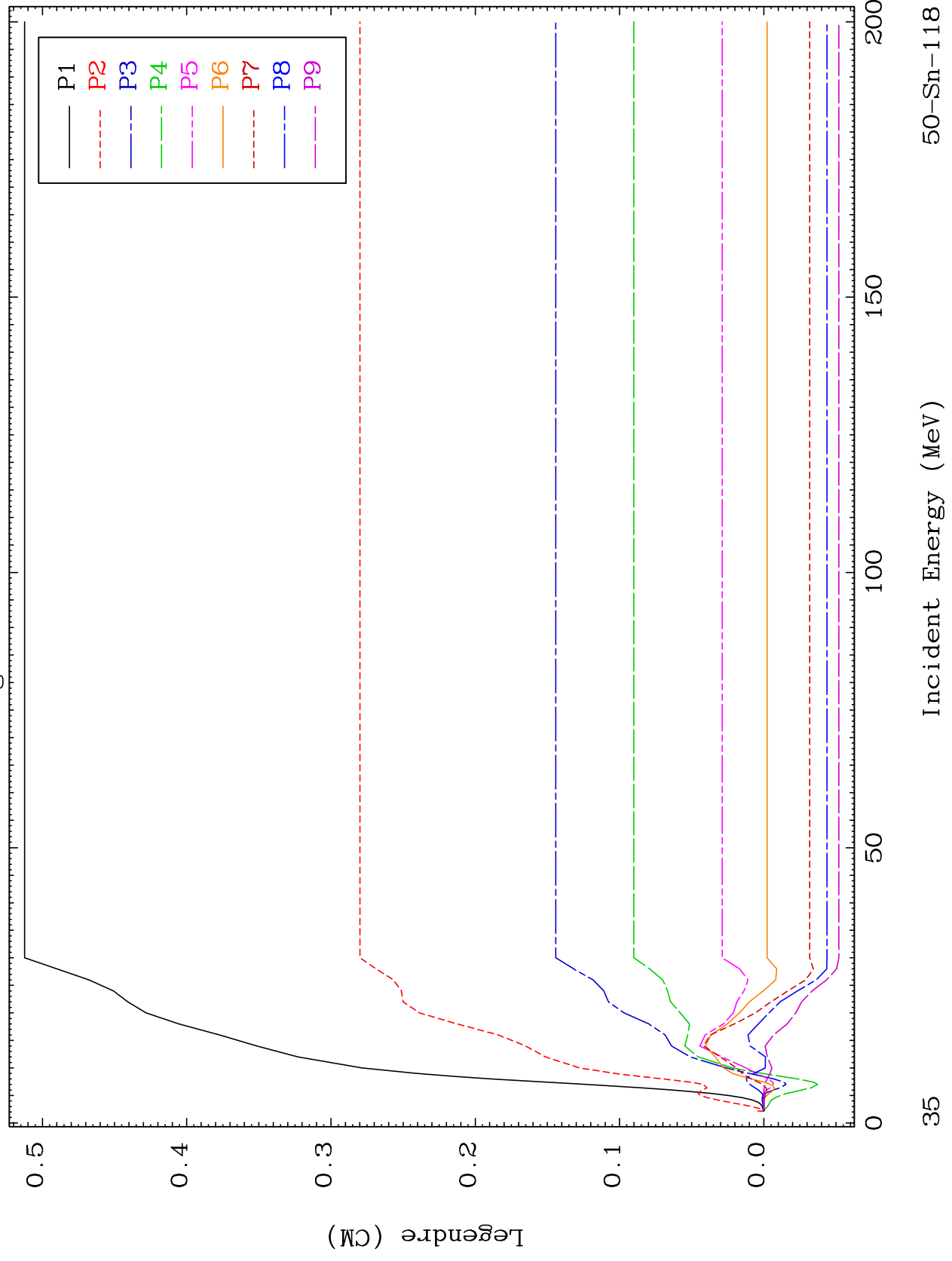
50-Sn-118

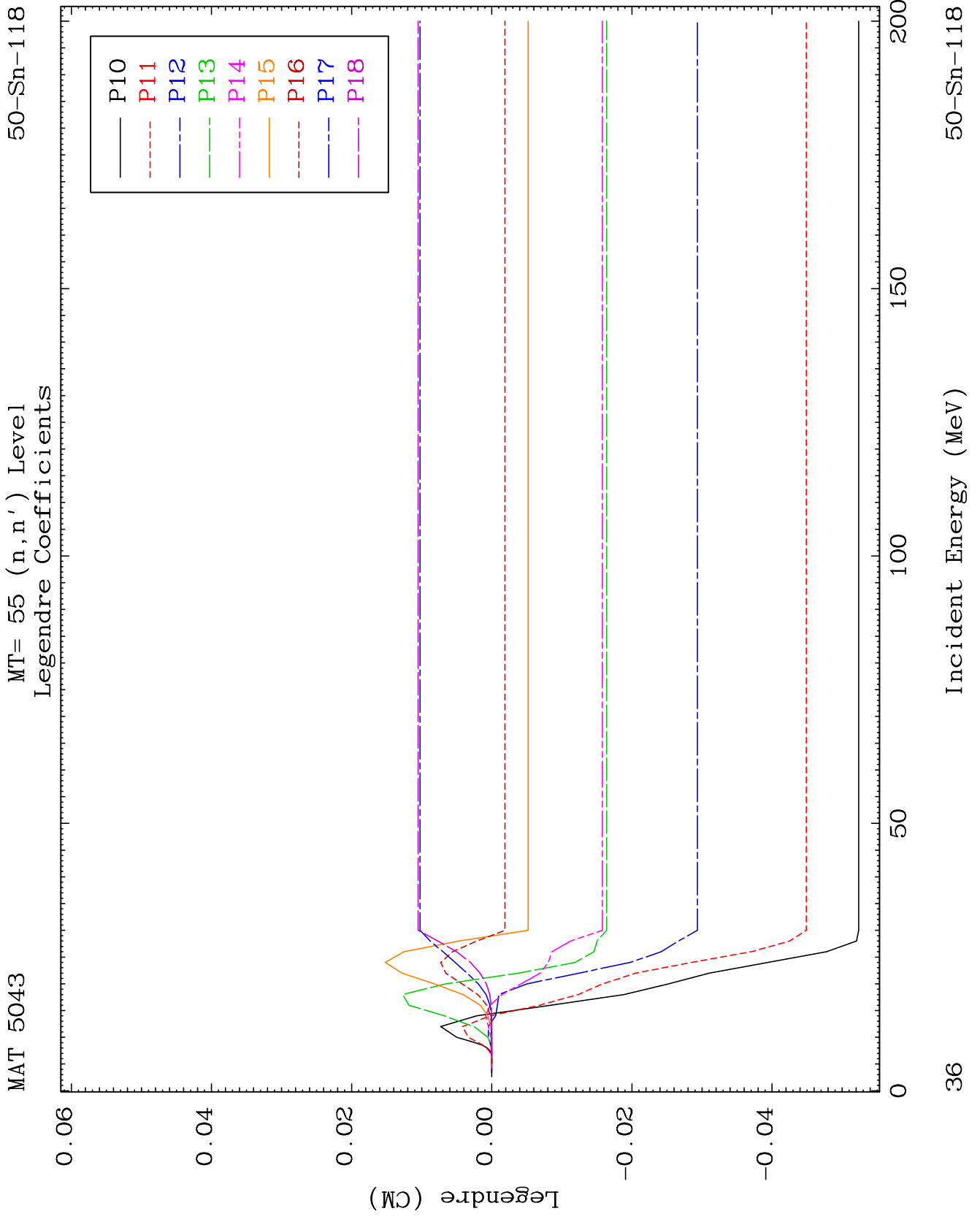


MAT 5043

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

50-Sn-118

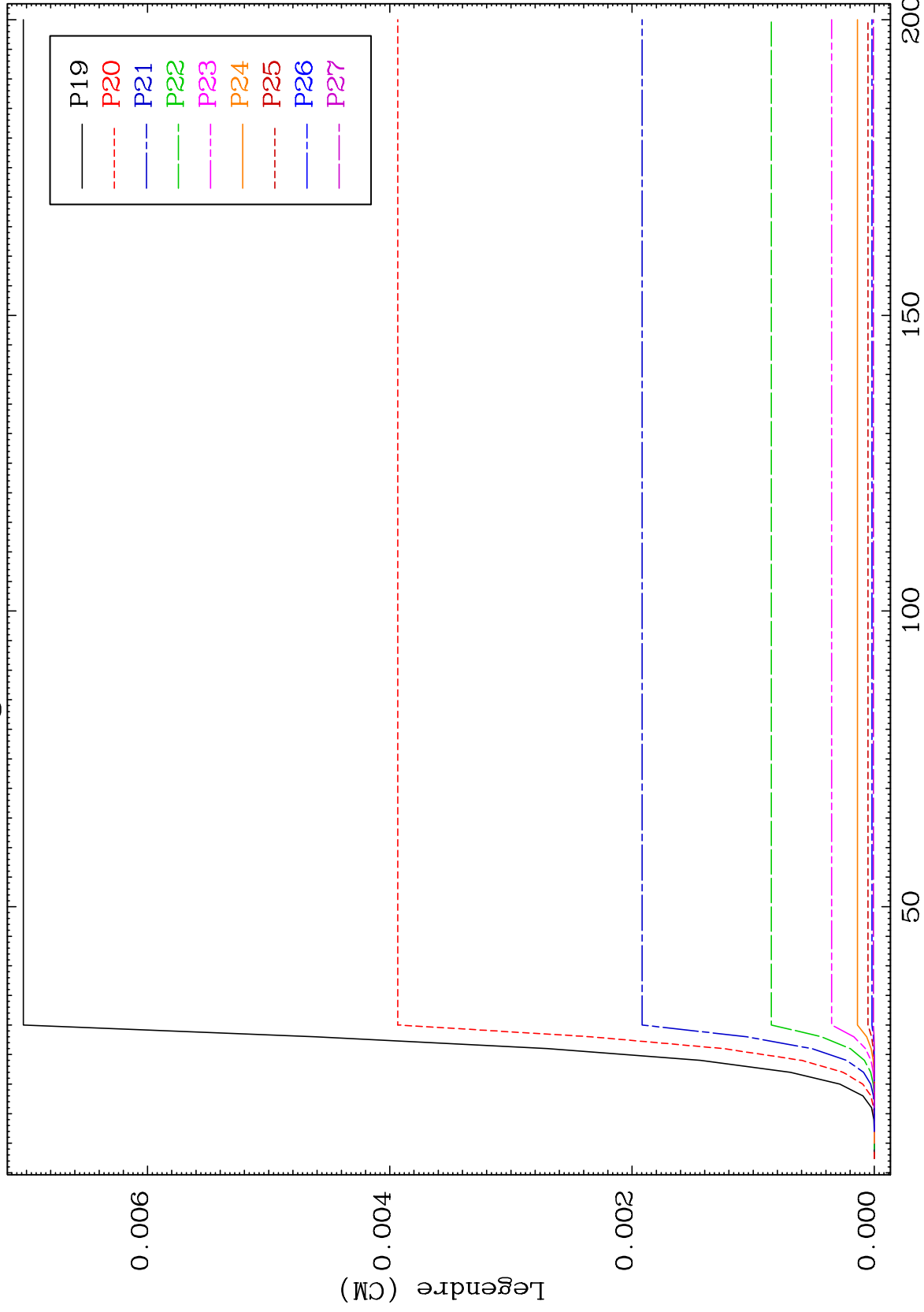




MAT 5043

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

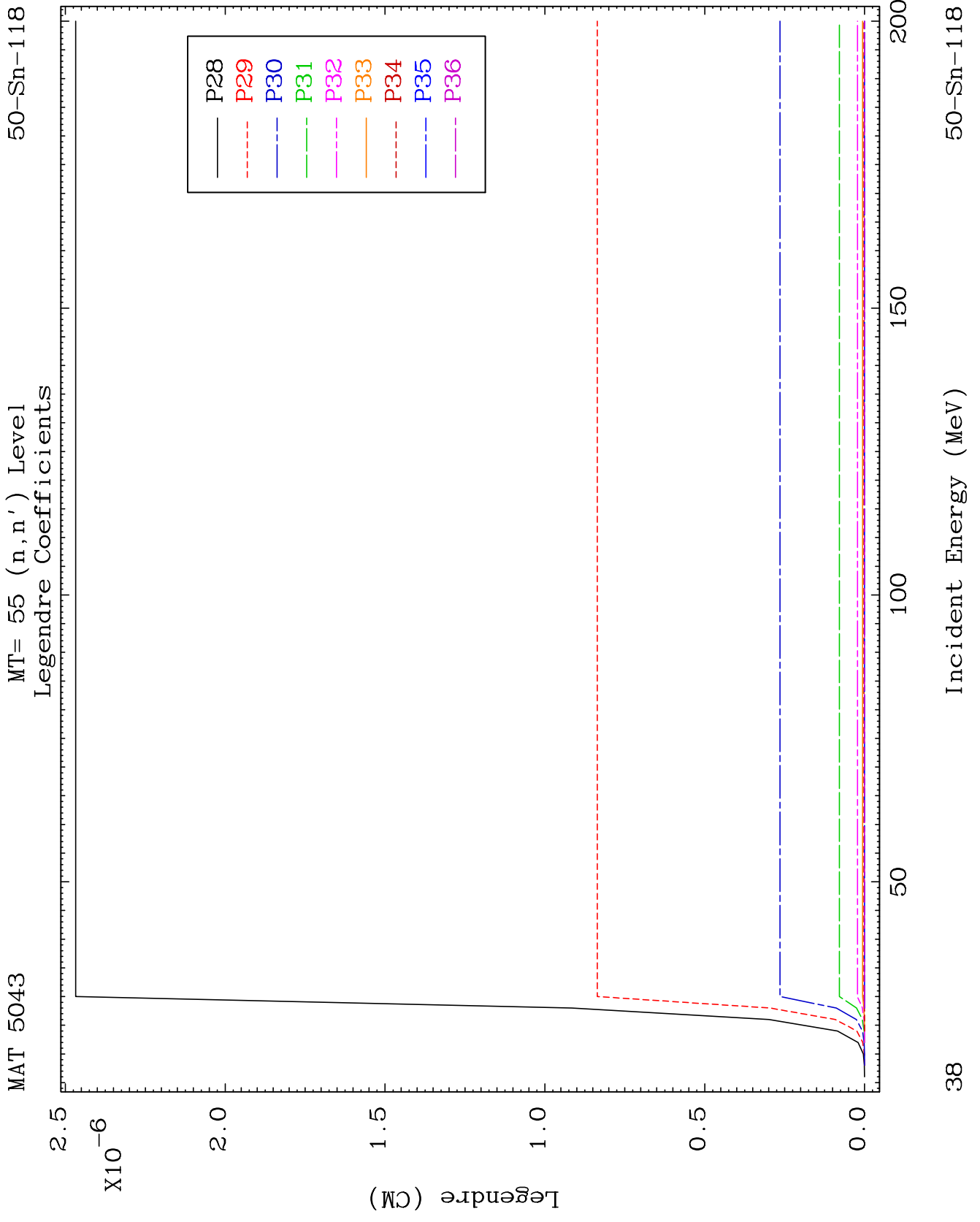
50-Sn-118



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Incident Energy (MeV)

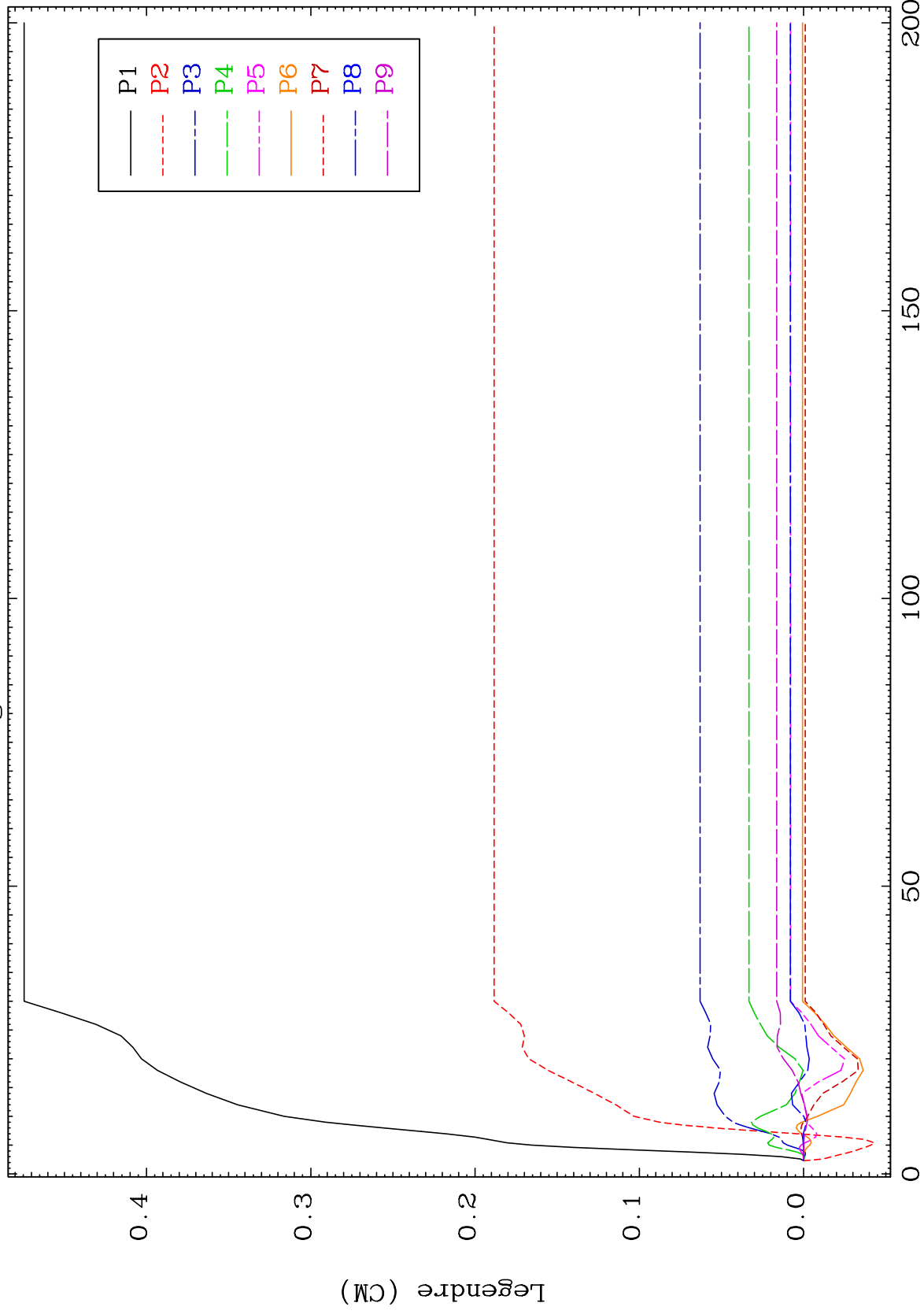
50-Sn-118



MAT 5043

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

50-Sn-118



39

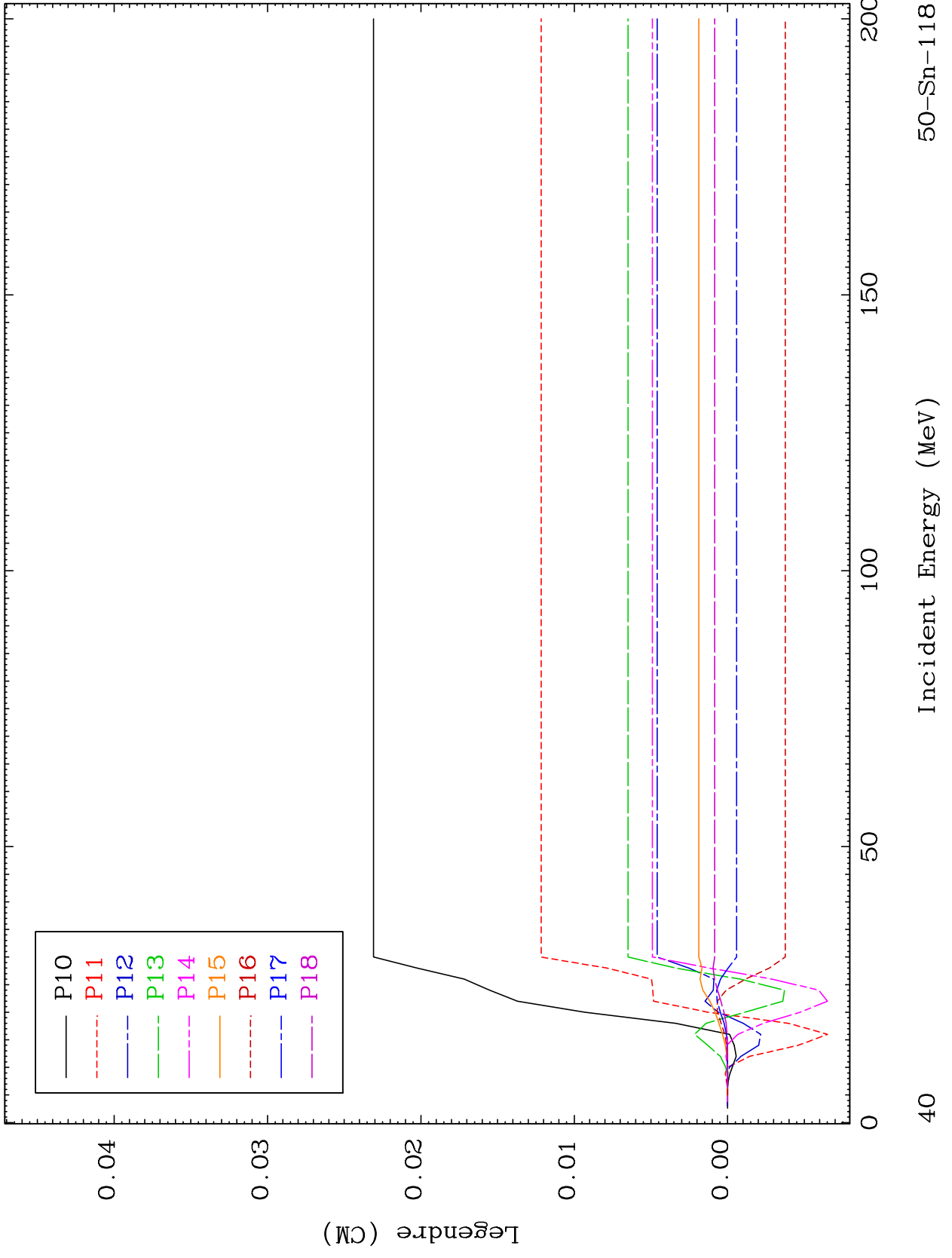
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

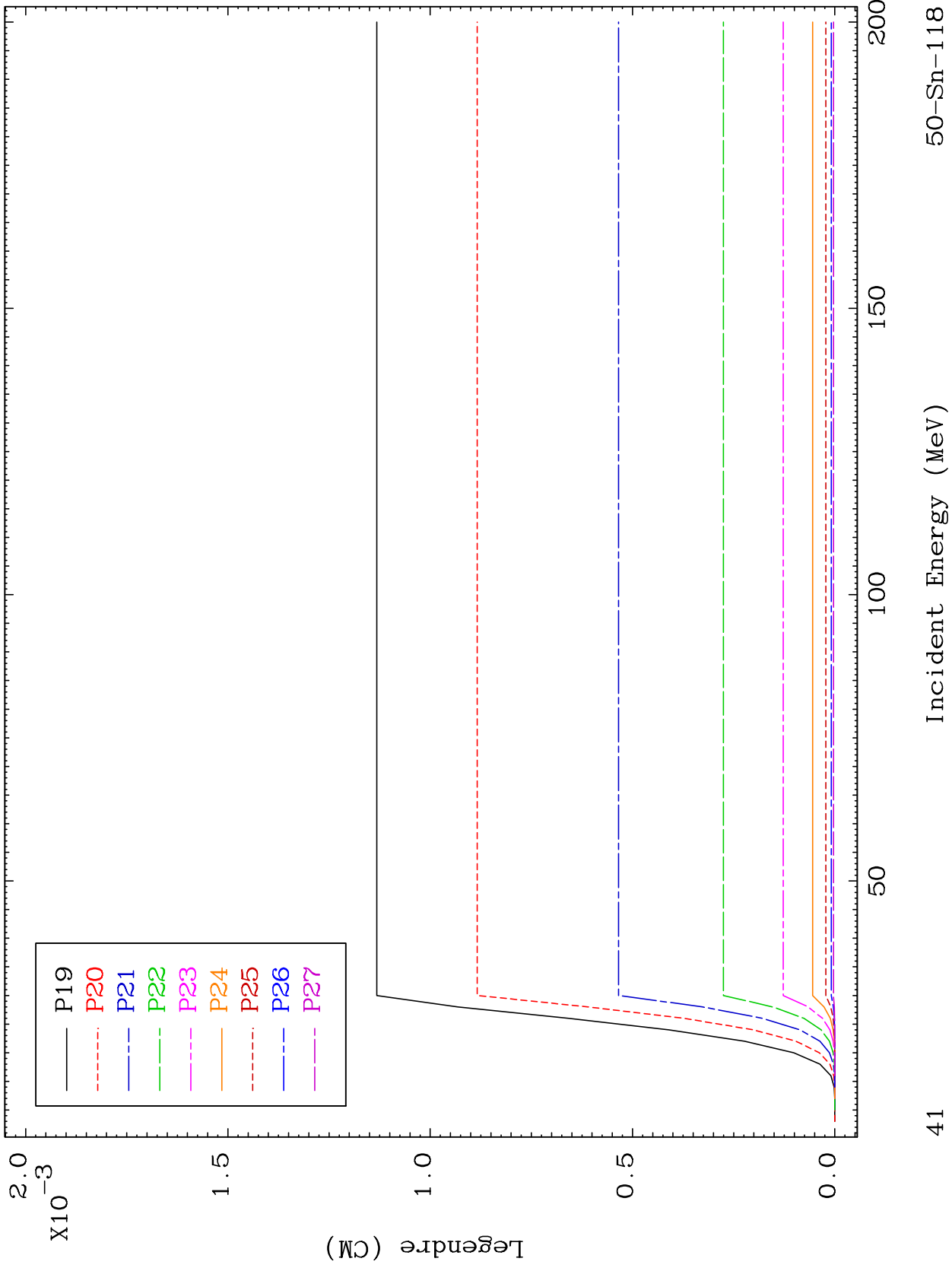
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MAT 5043

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

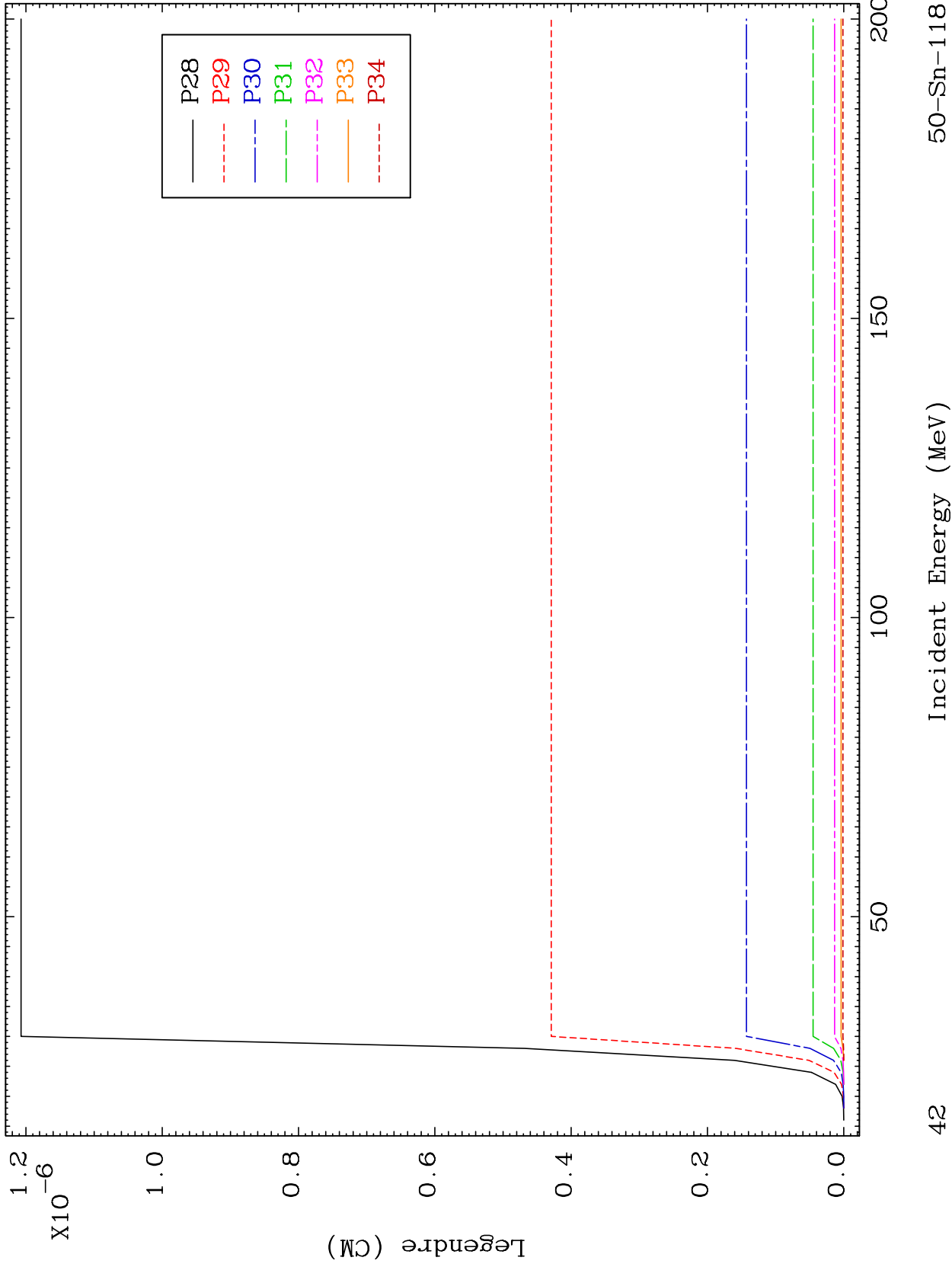
50-Sn-118



MAT 5043

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

50-Sn-118



42

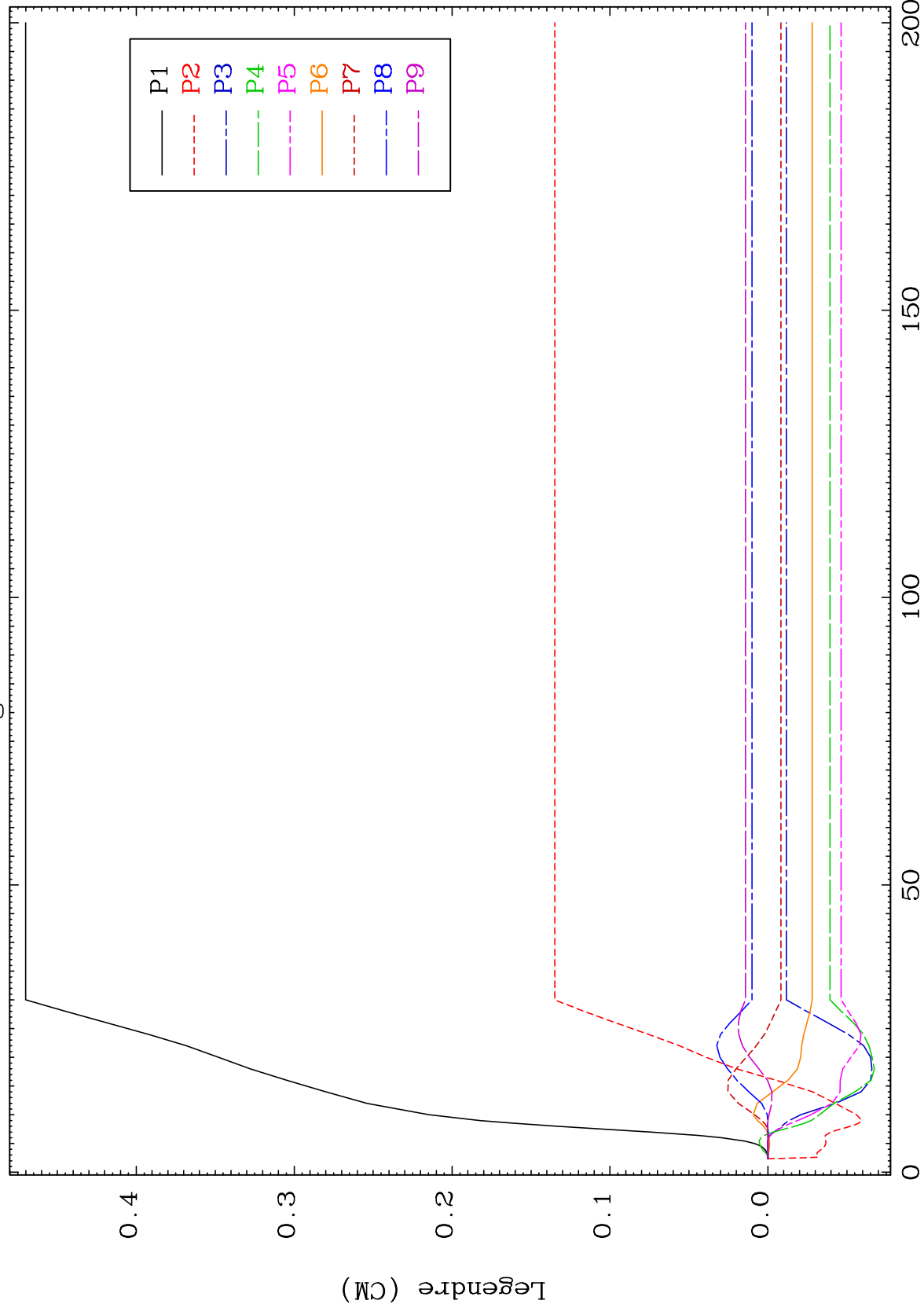
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



43

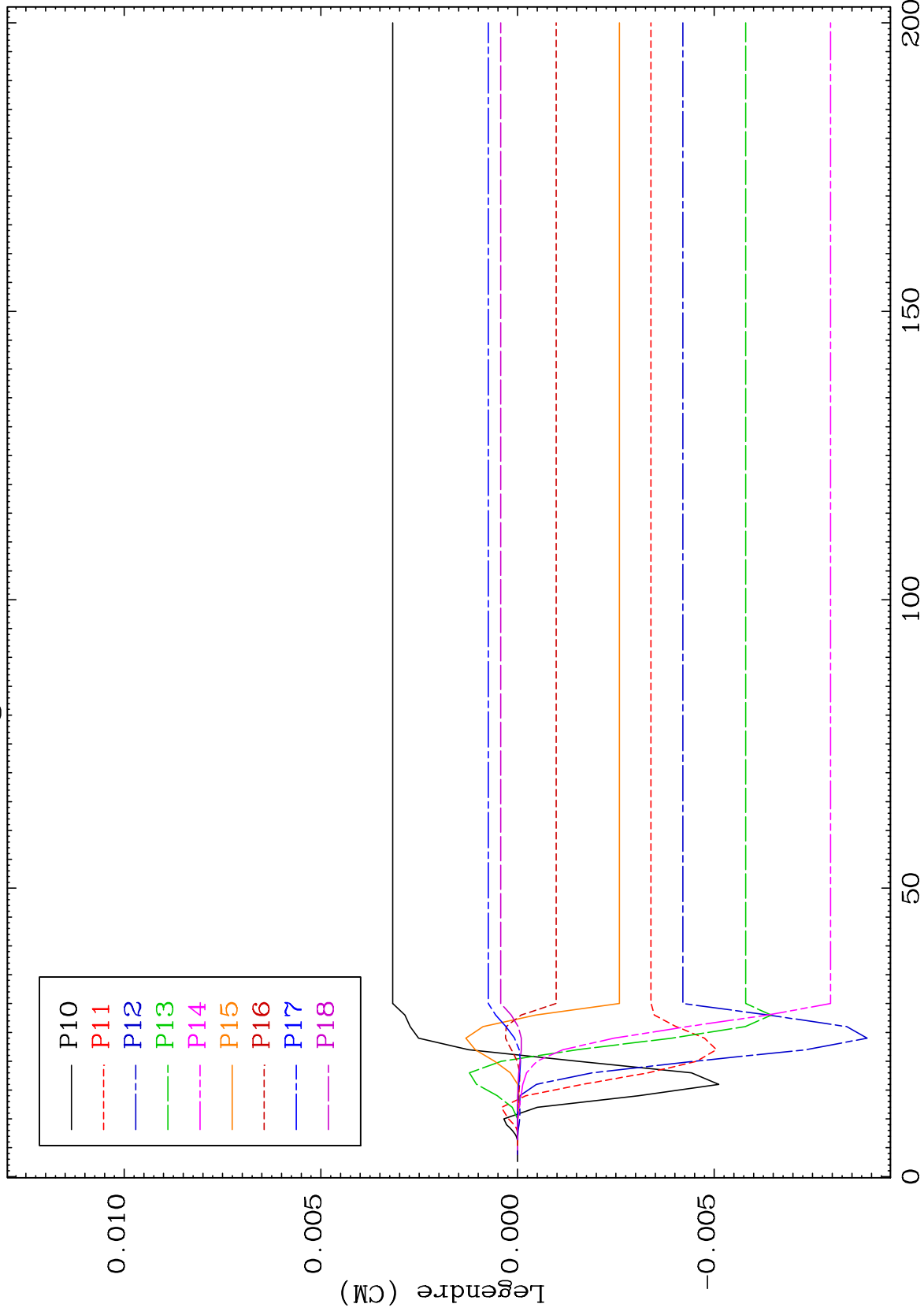
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

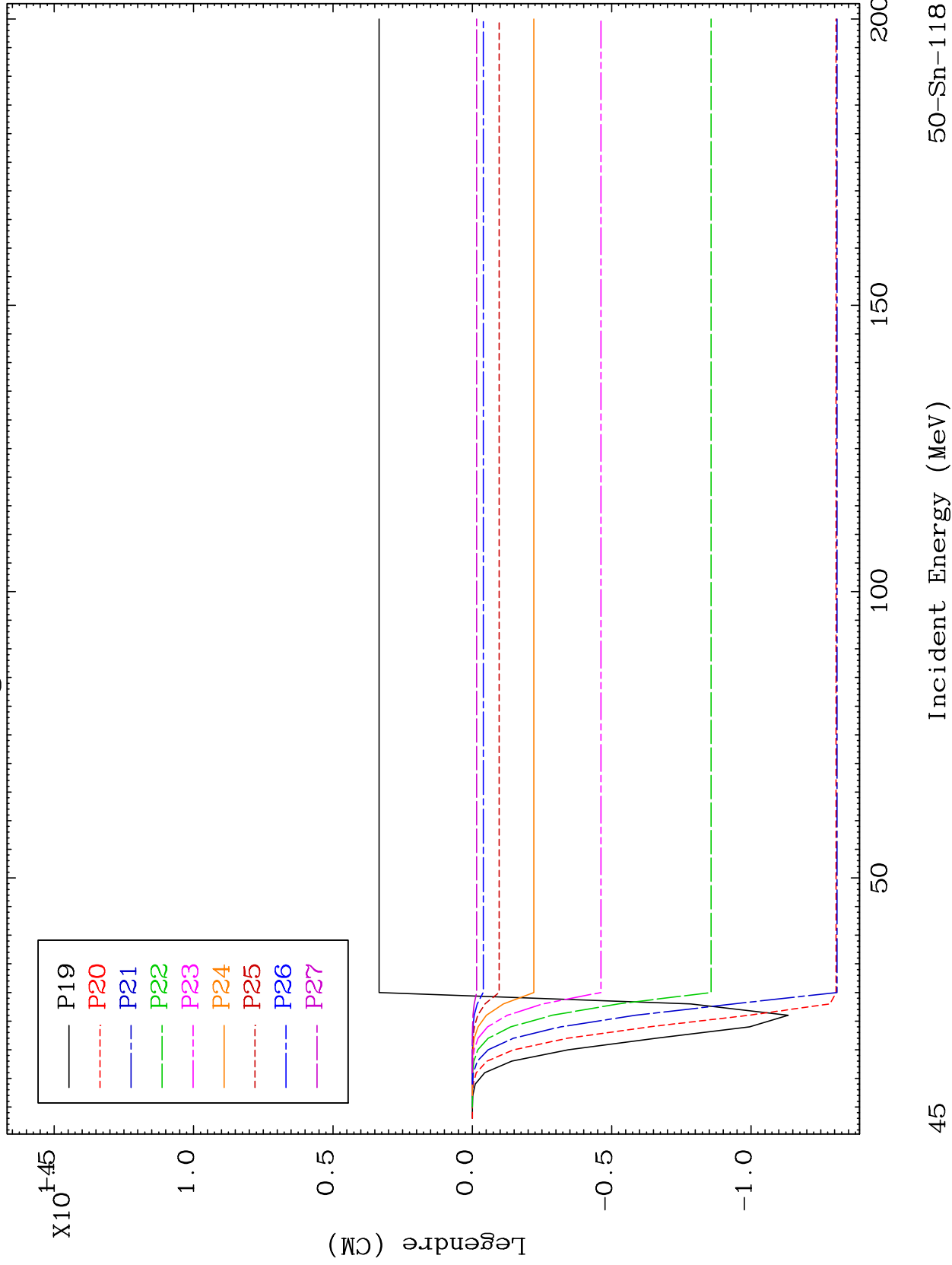
50-Sn-118



MAT 5043

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

50-Sn-118



45

Incident Energy (MeV)

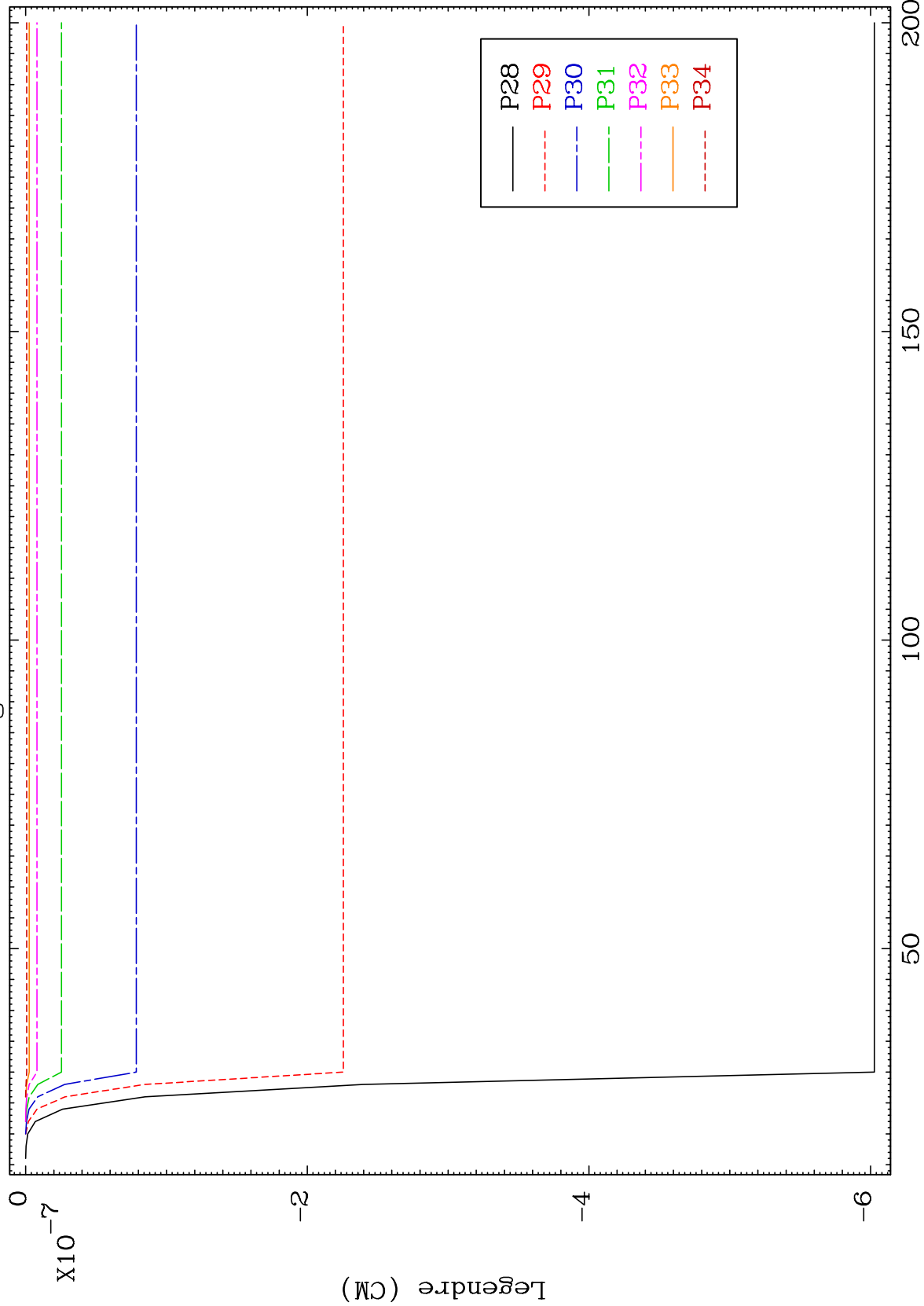
50-Sn-118

MAT 5043

MT= 57 (n,n') Level

50-Sn-118

Legendre Coefficients



50-Sn-118

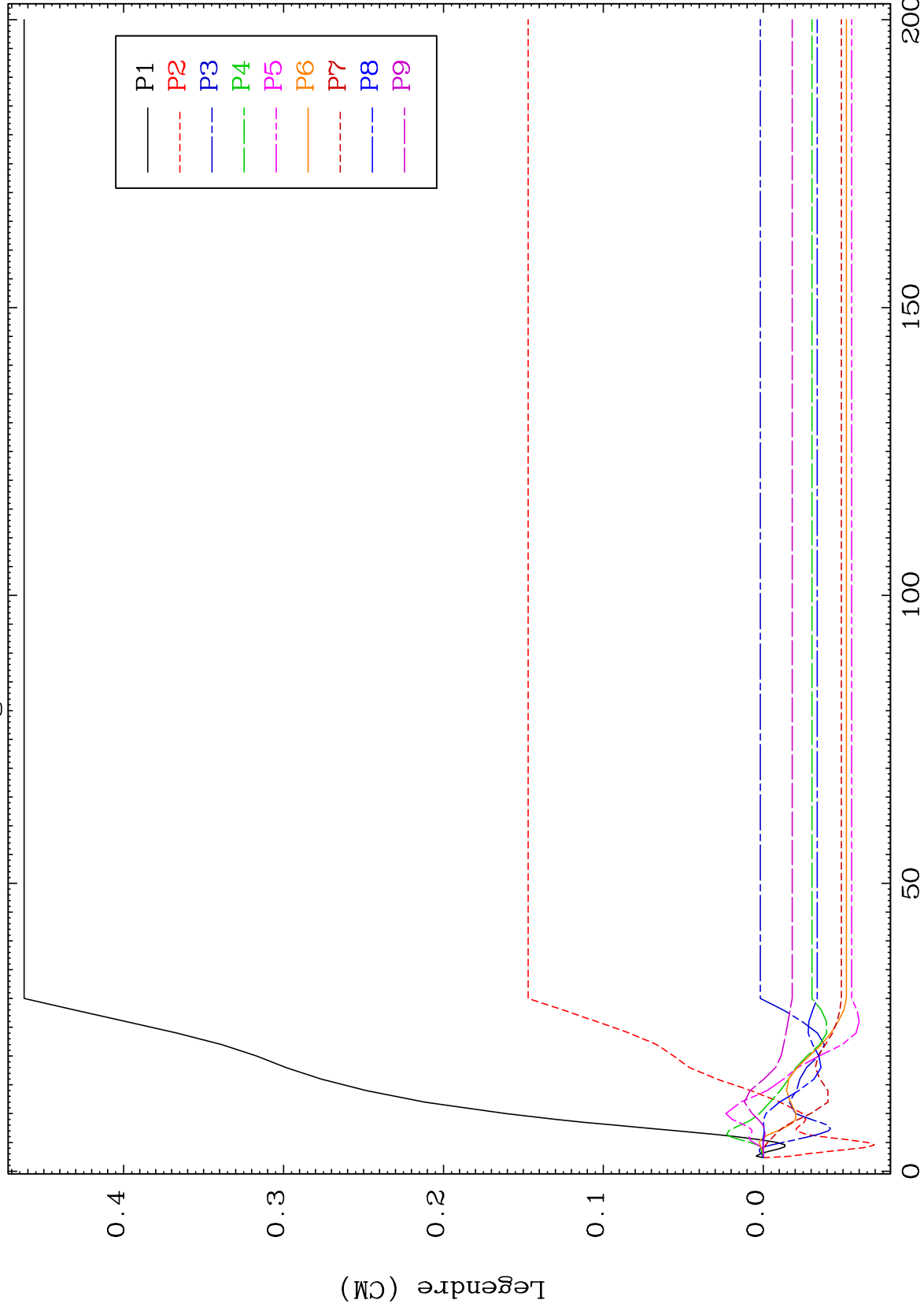
Incident Energy (MeV)

46

MAT 5043

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

50-Sn-118



47

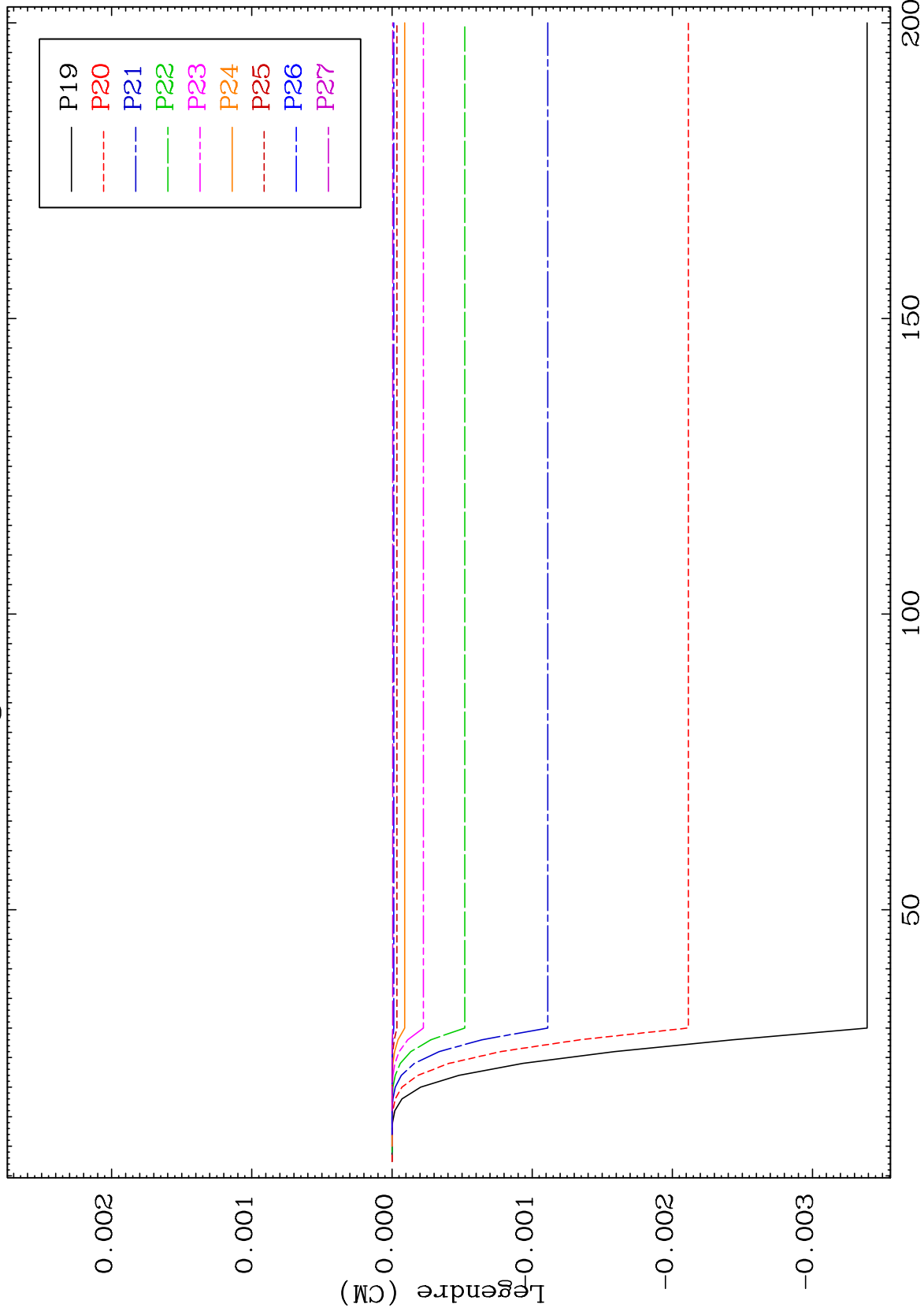
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

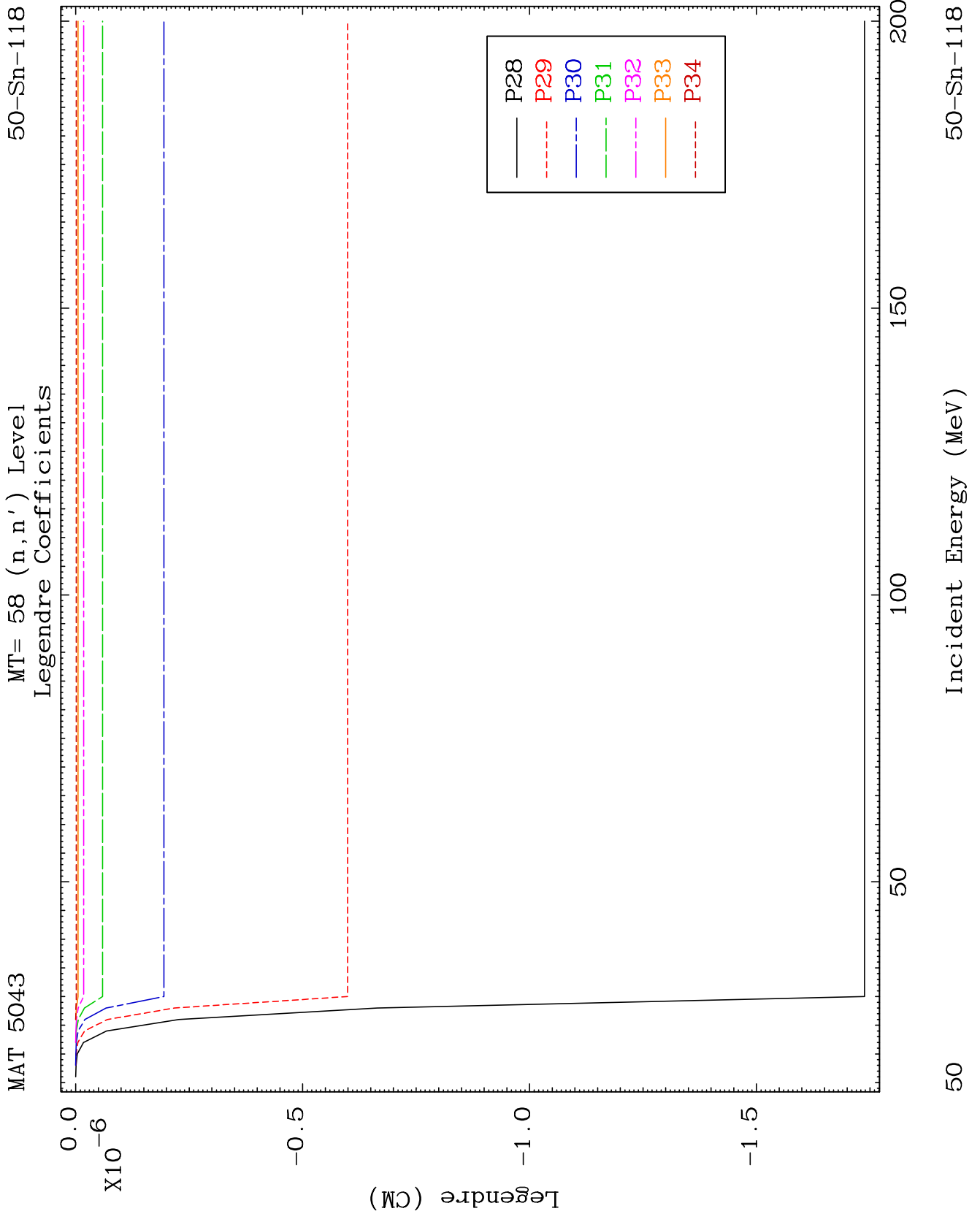
50-Sn-118



49

Incident Energy (MeV)

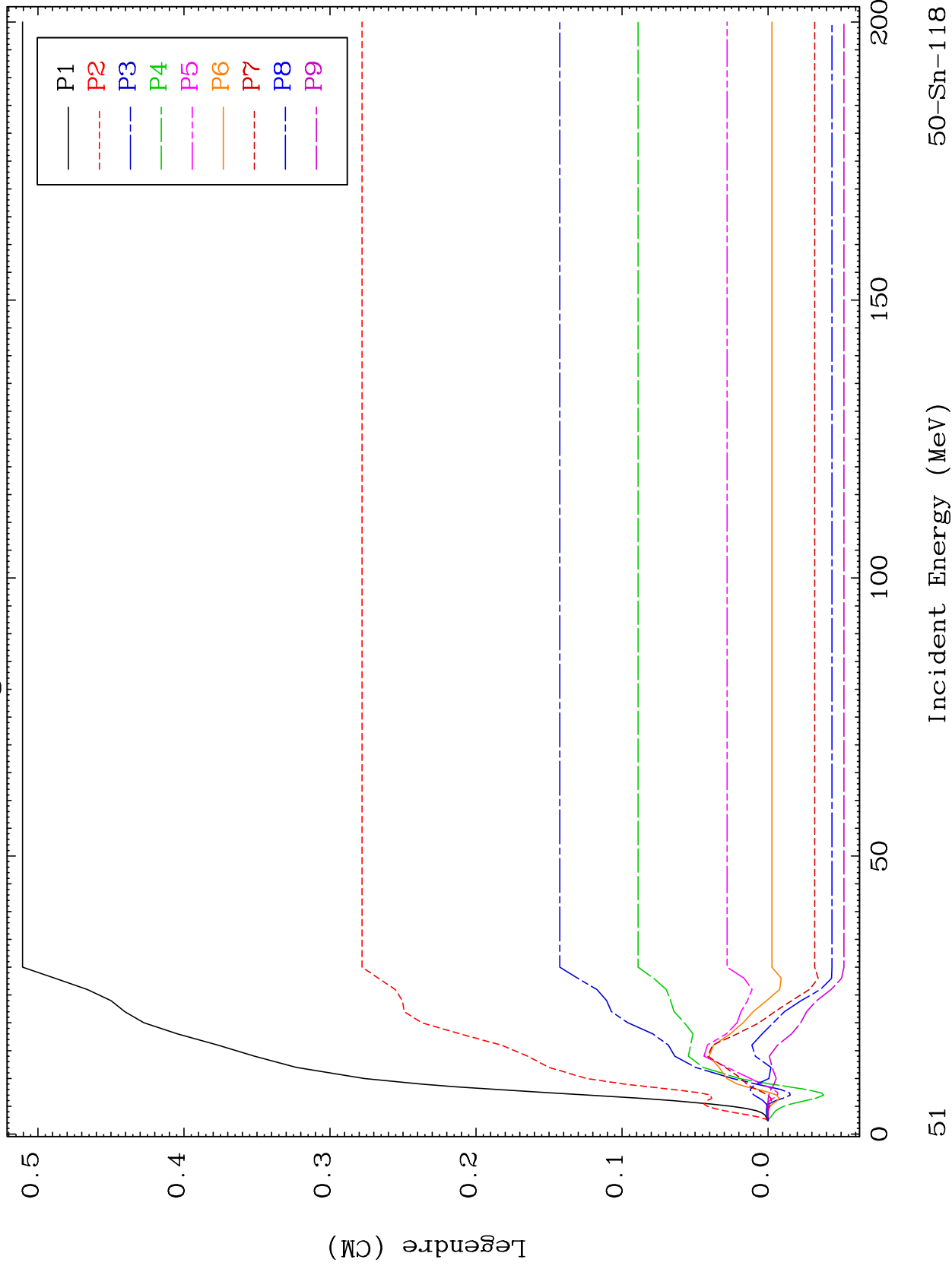
50-Sn-118



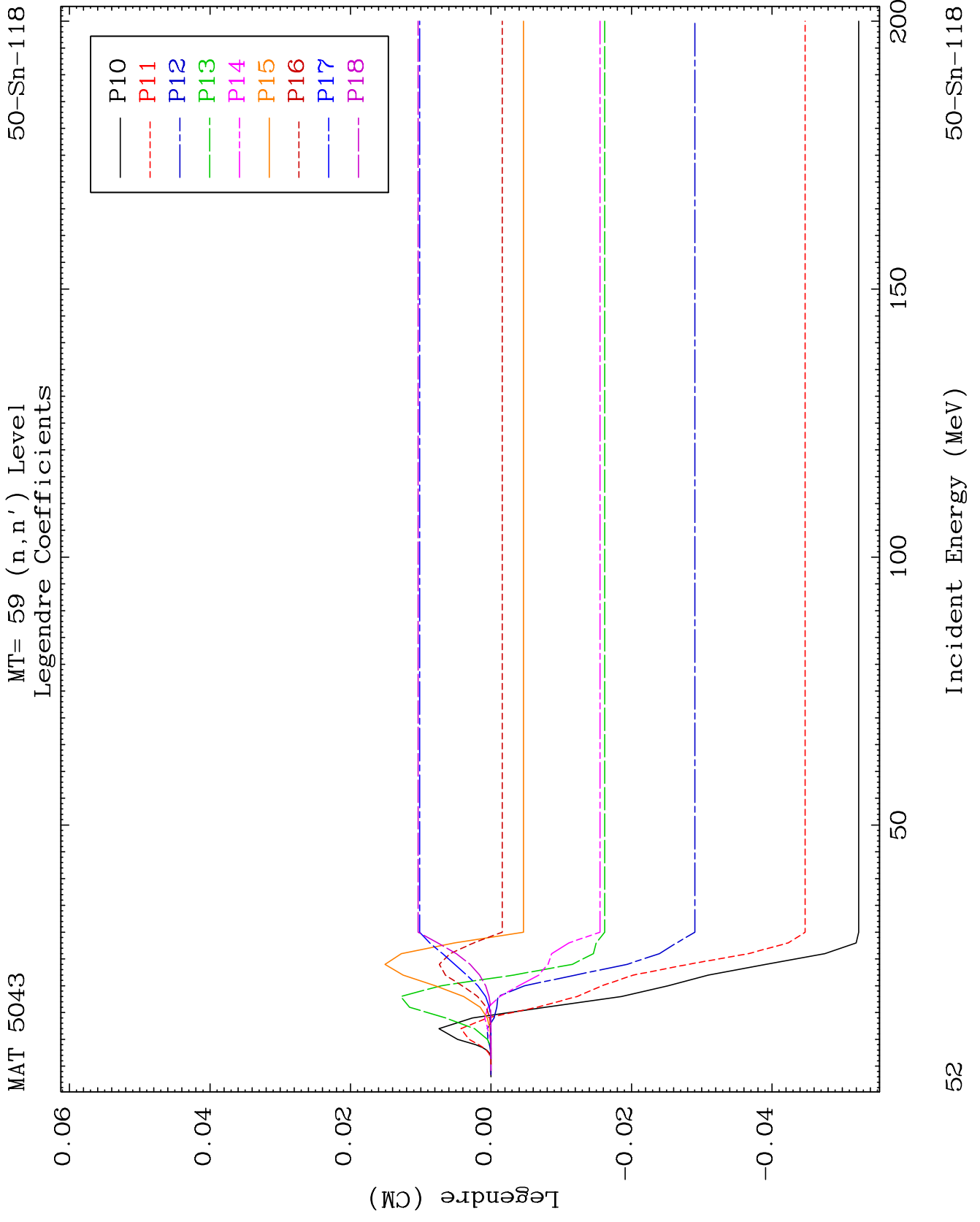
MAT 5043

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

50-Sn-118



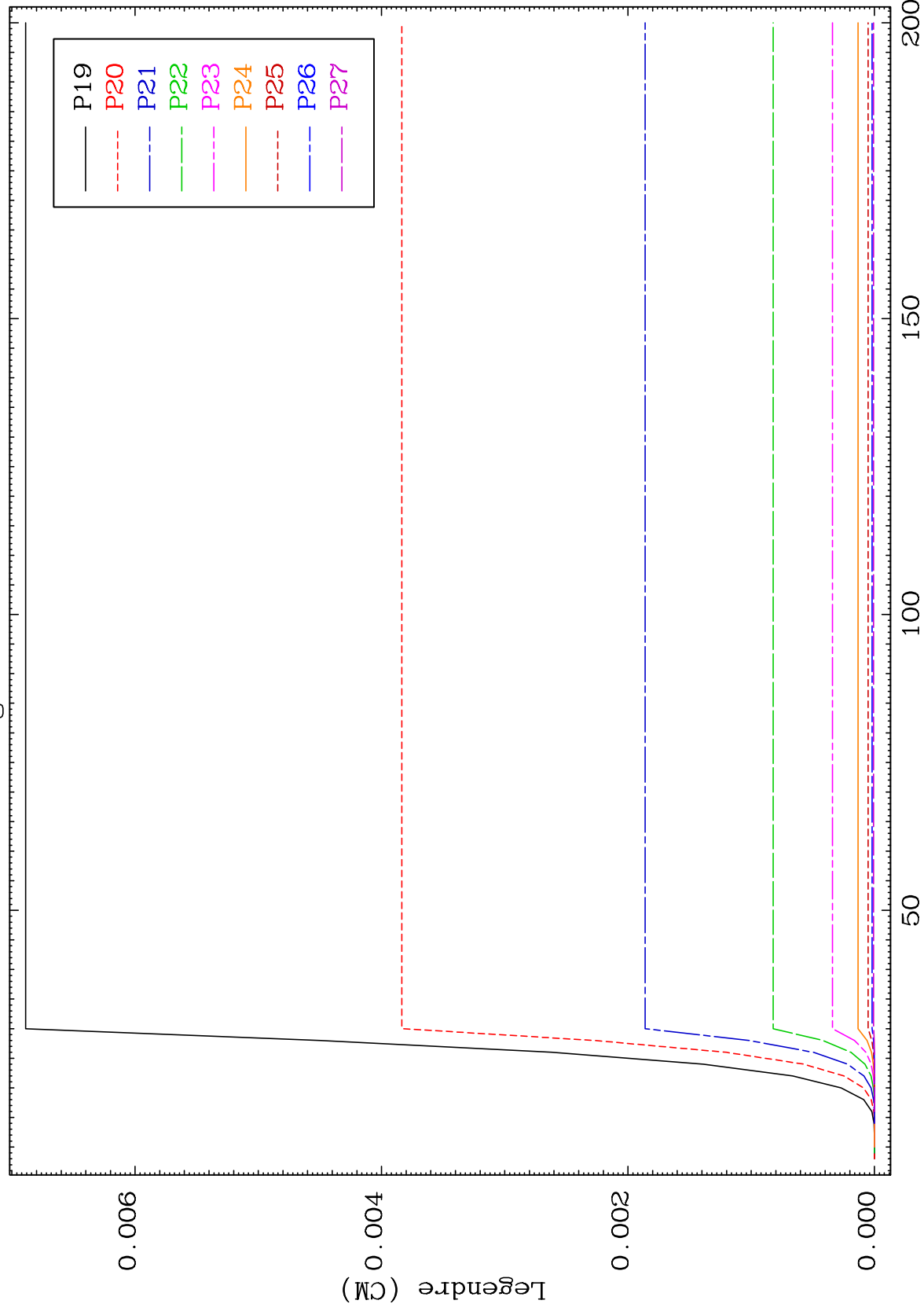
51



MAT 5043

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

50-Sn-118



53

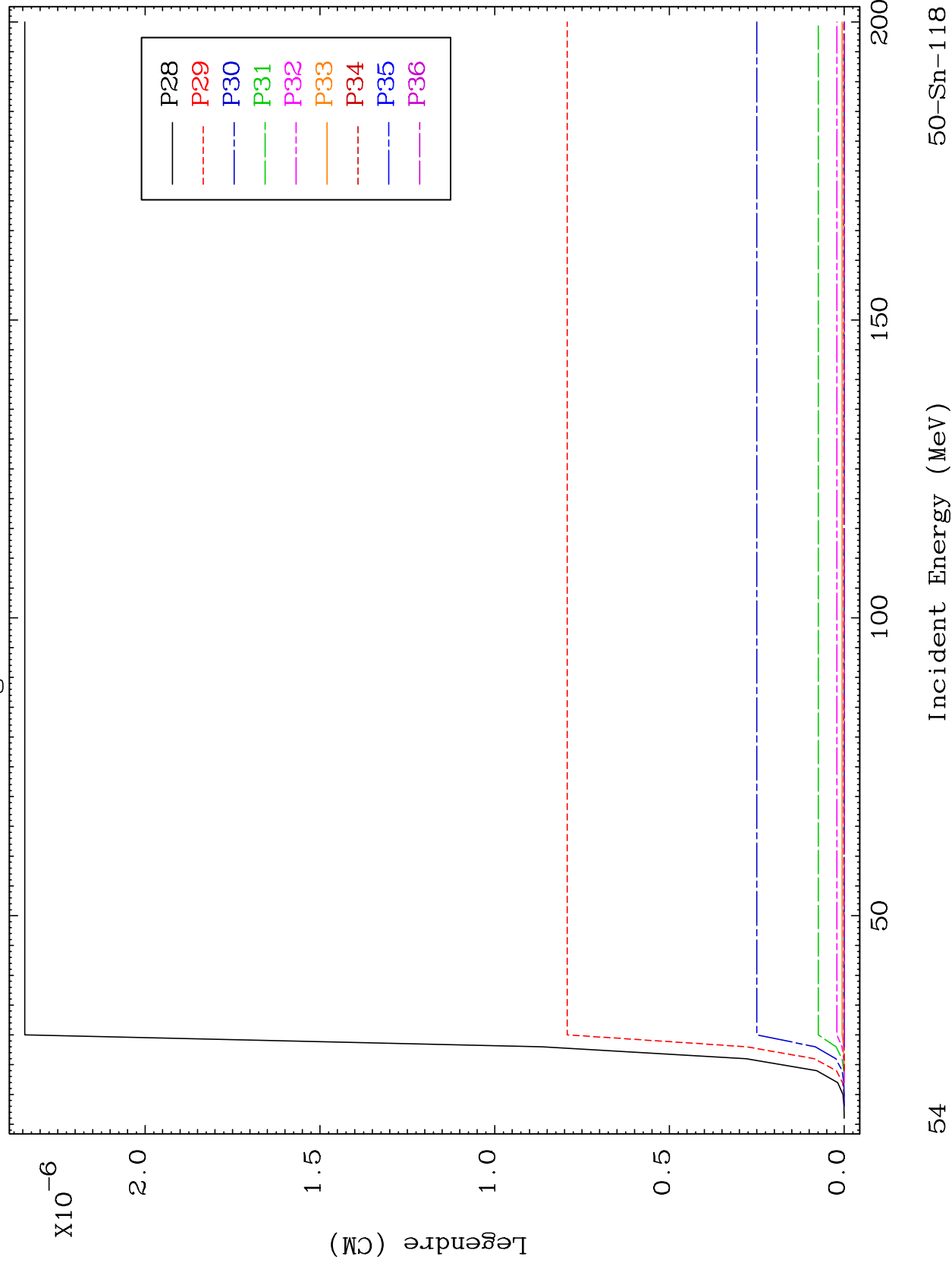
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

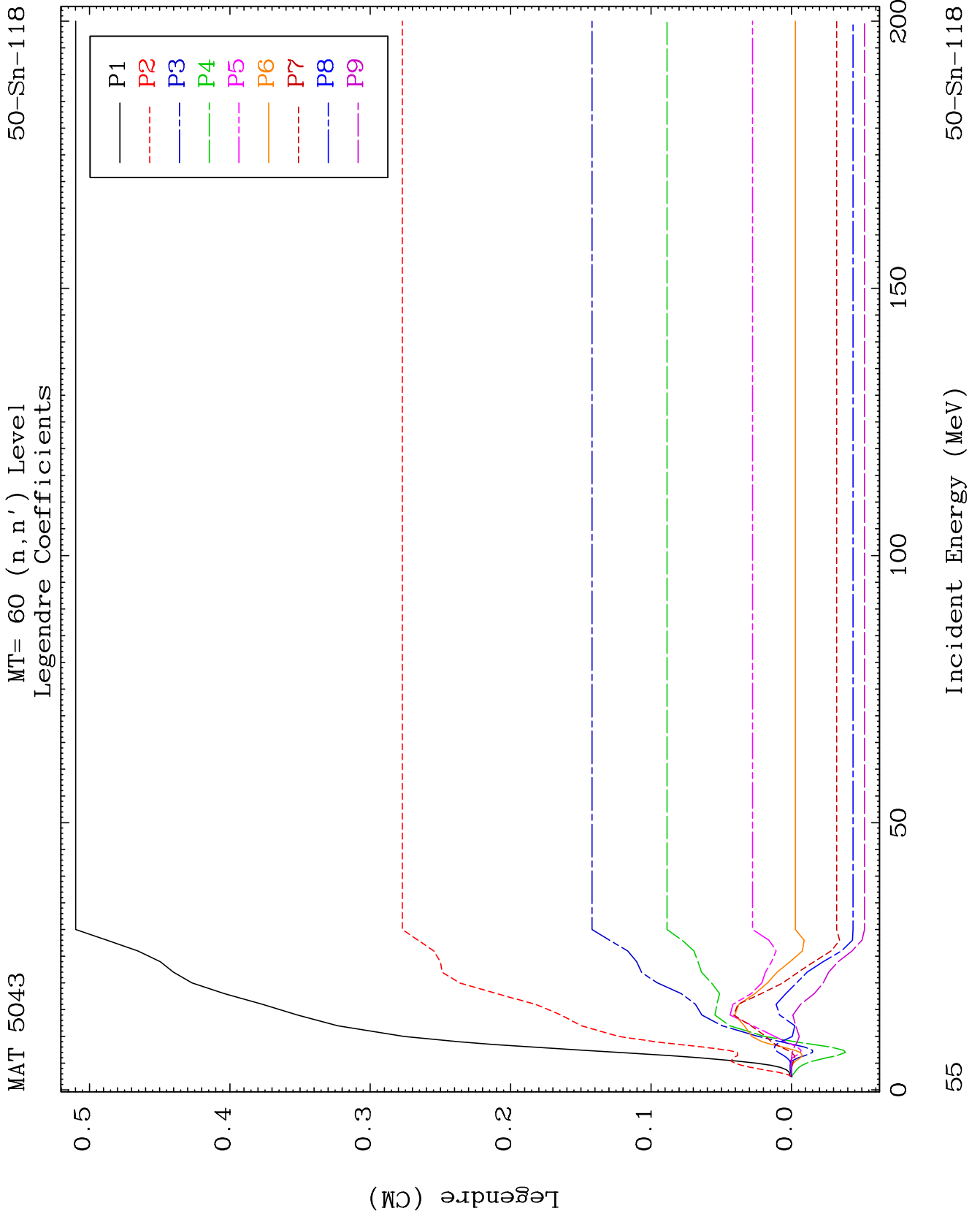
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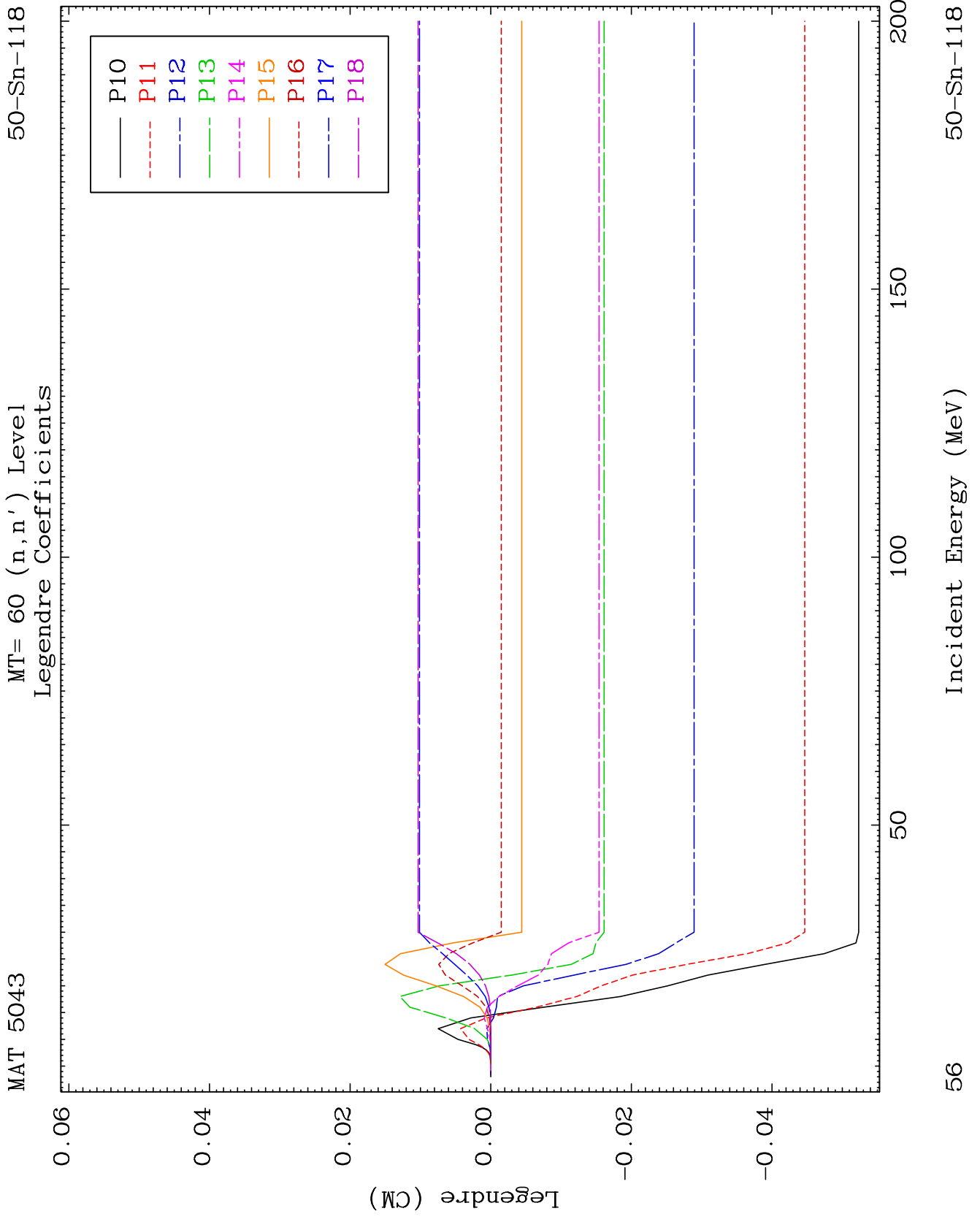


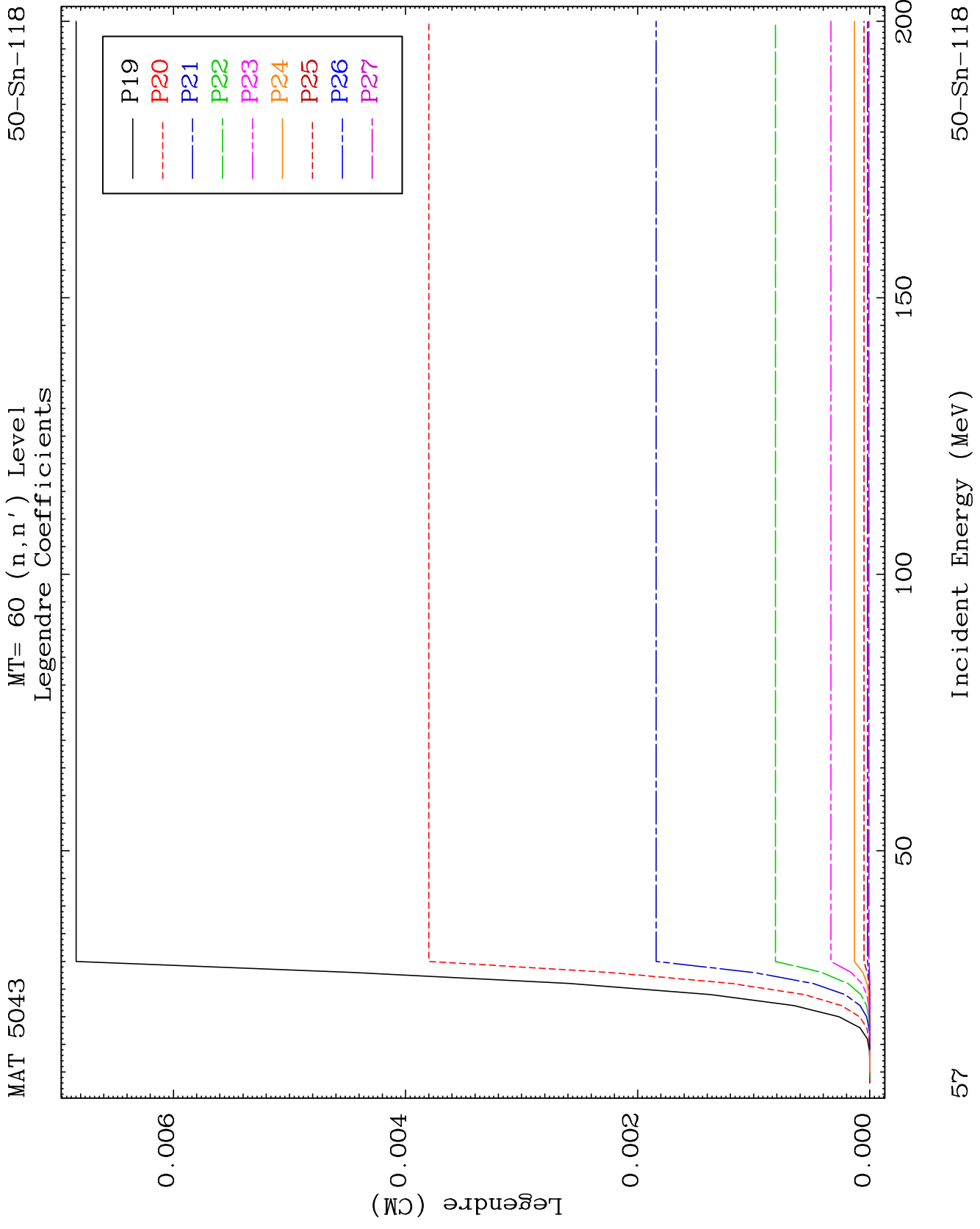
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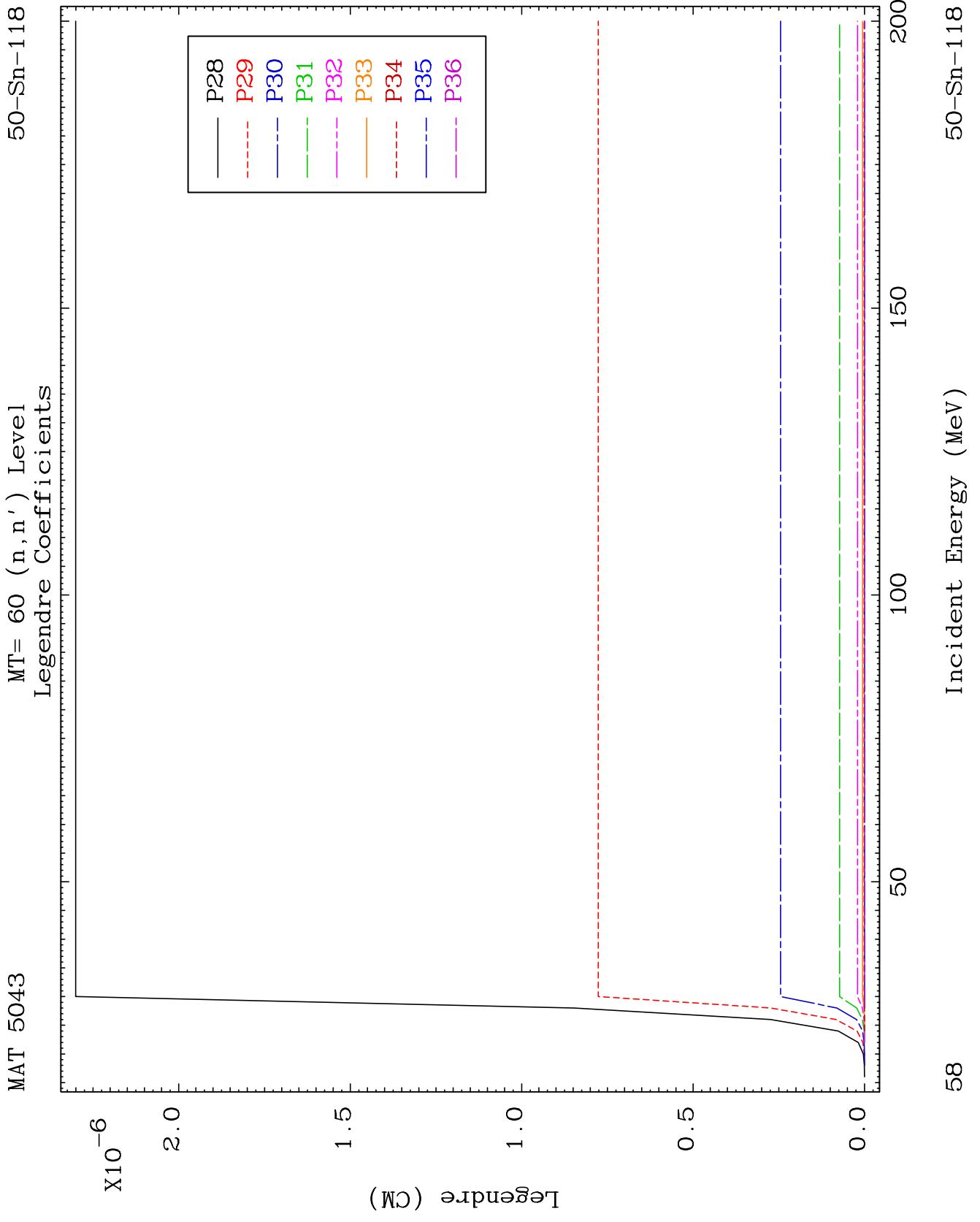
Incident Energy (MeV)

50-Sn-118





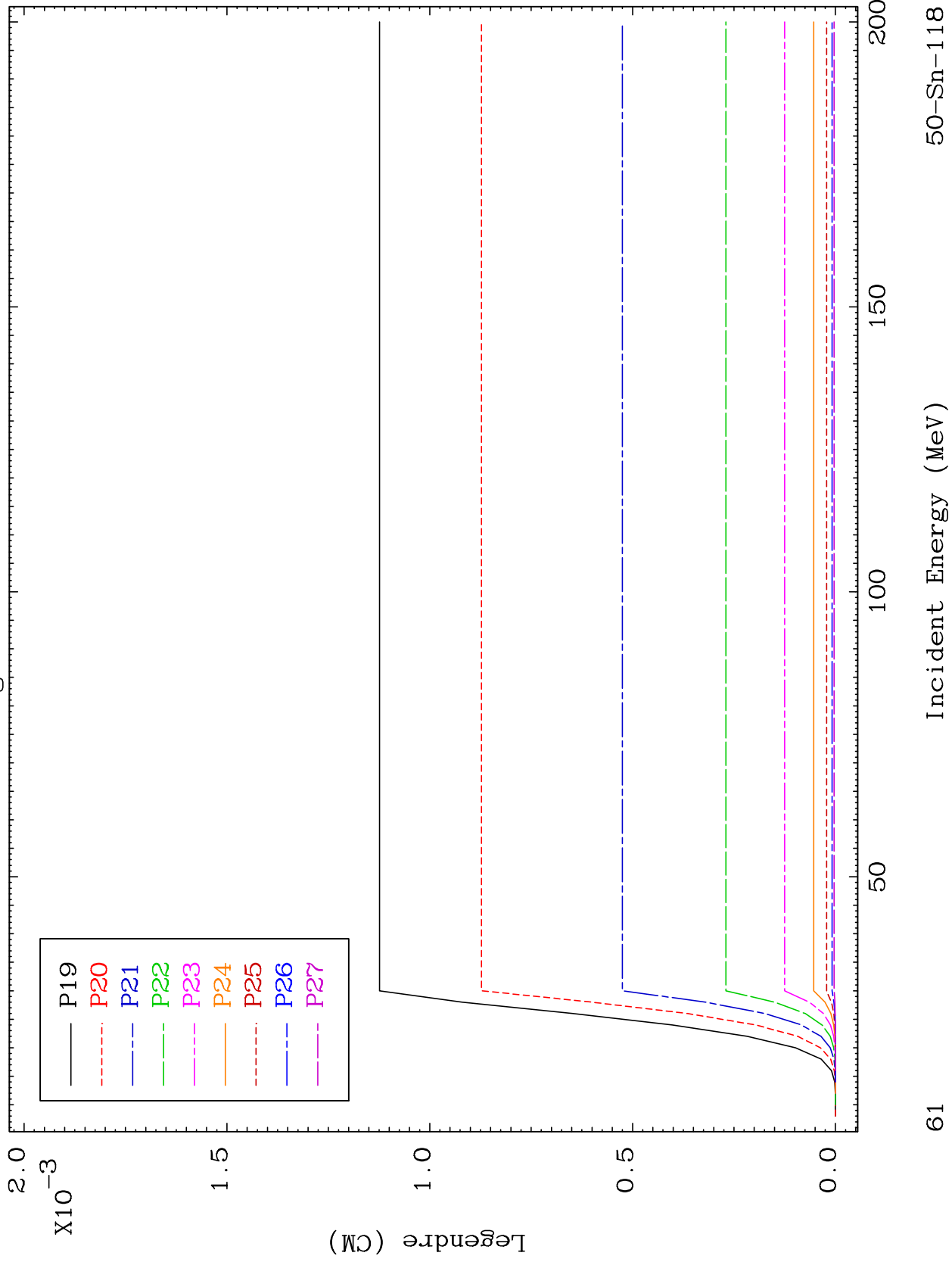




MAT 5043

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

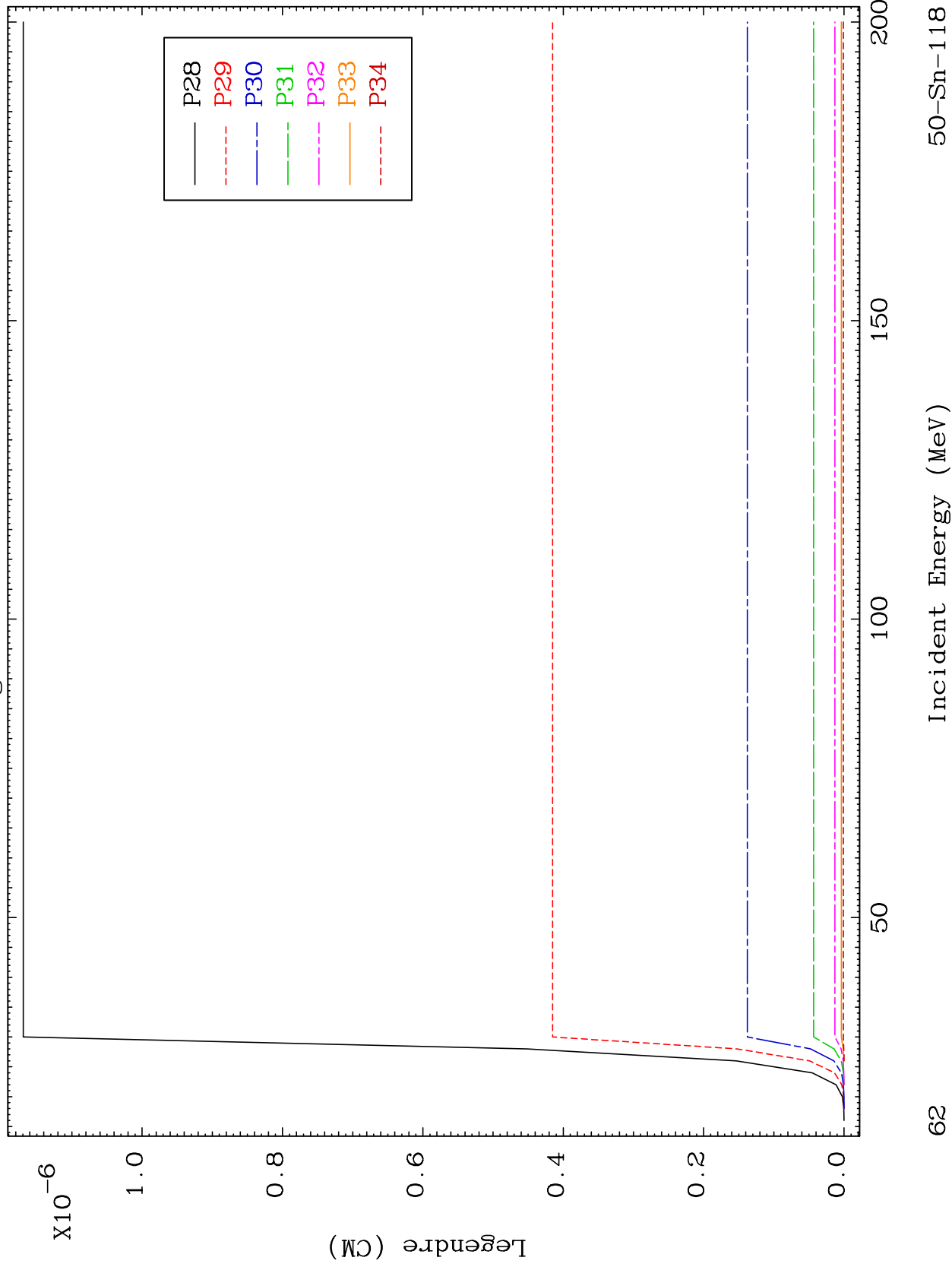
50-Sn-118



MAT 5043

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

50-Sn-118

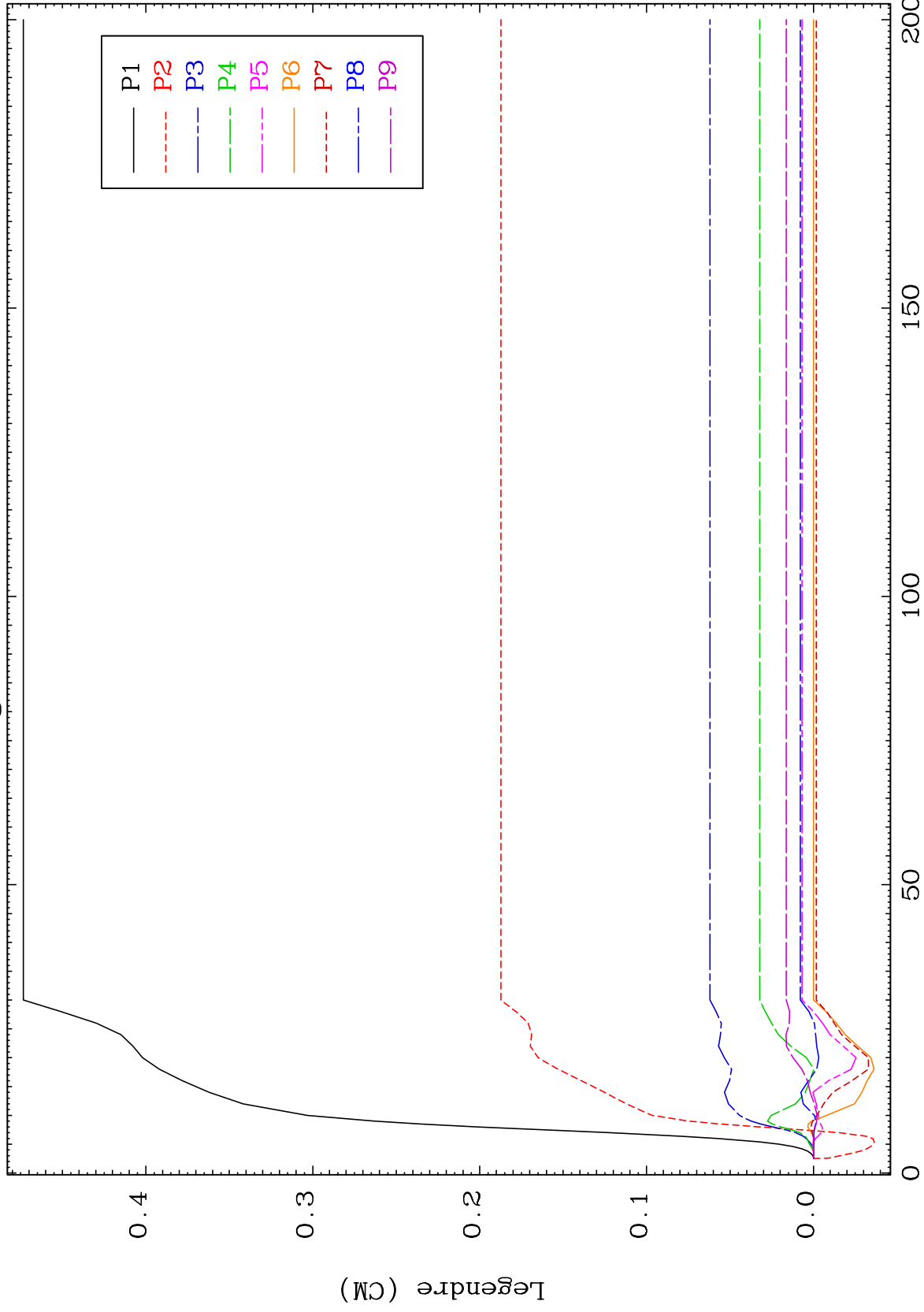


62

MAT 5043

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

50-Sn-118



63

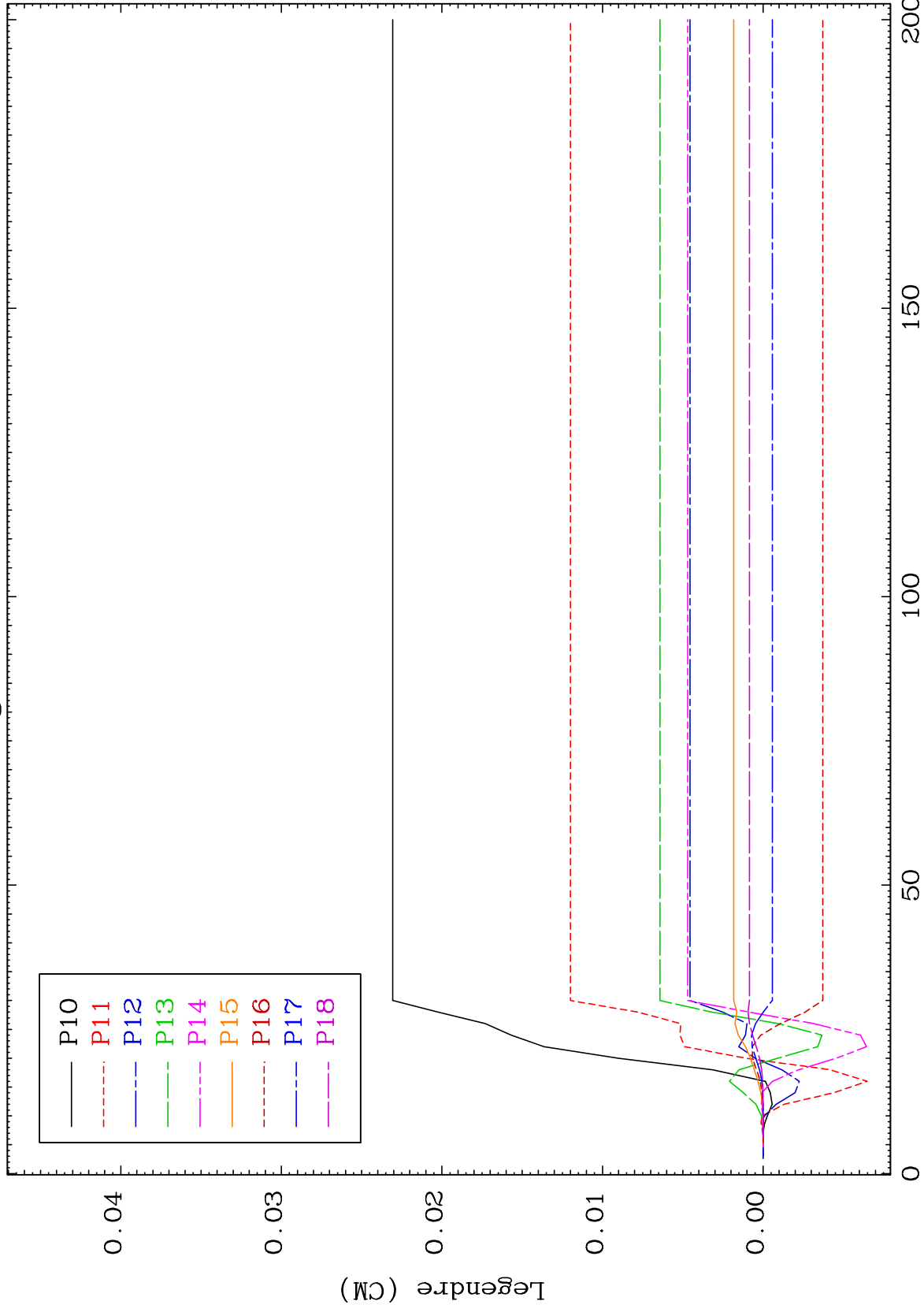
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



64

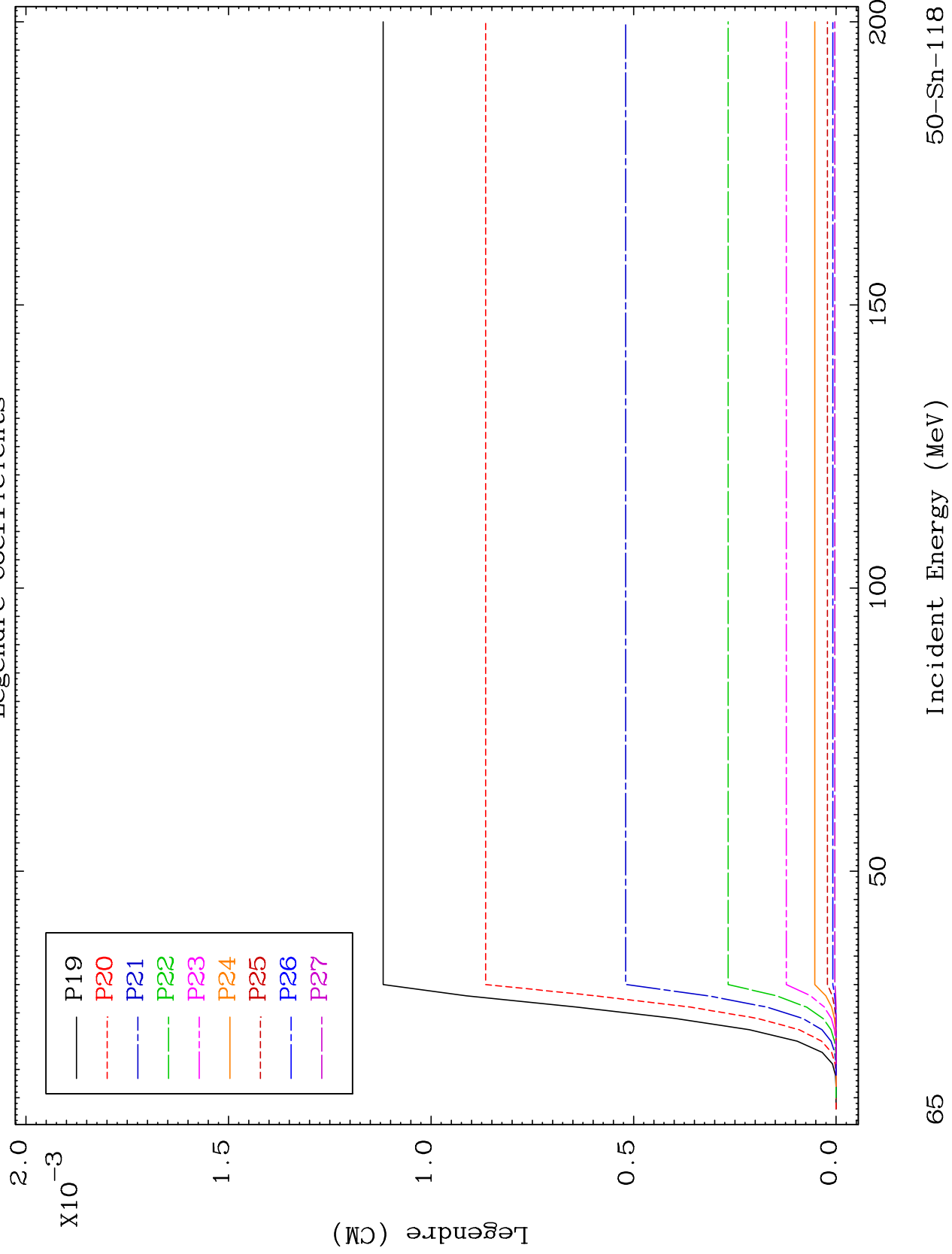
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



65

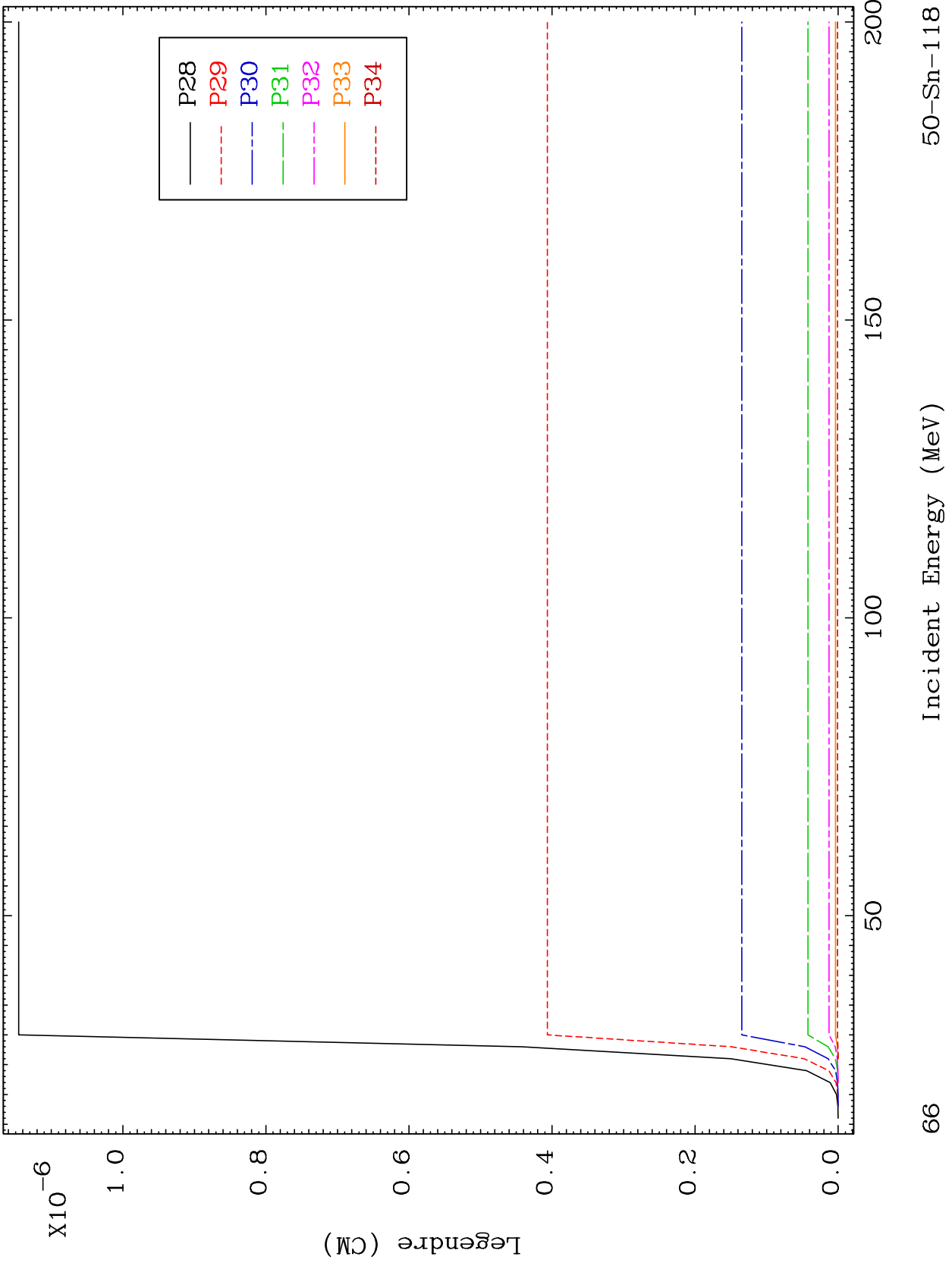
Incident Energy (MeV)

50-Sn-118

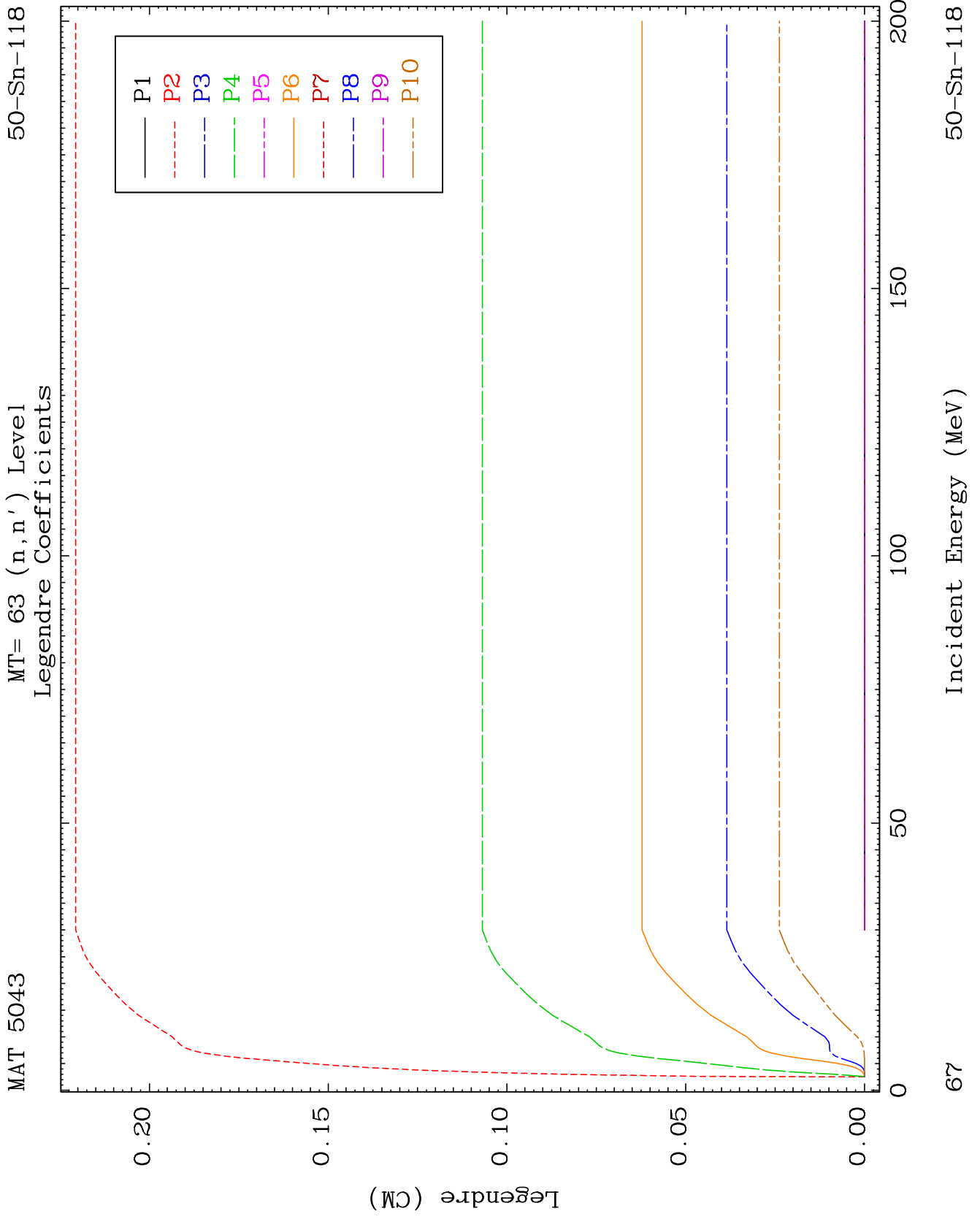
MAT 5043

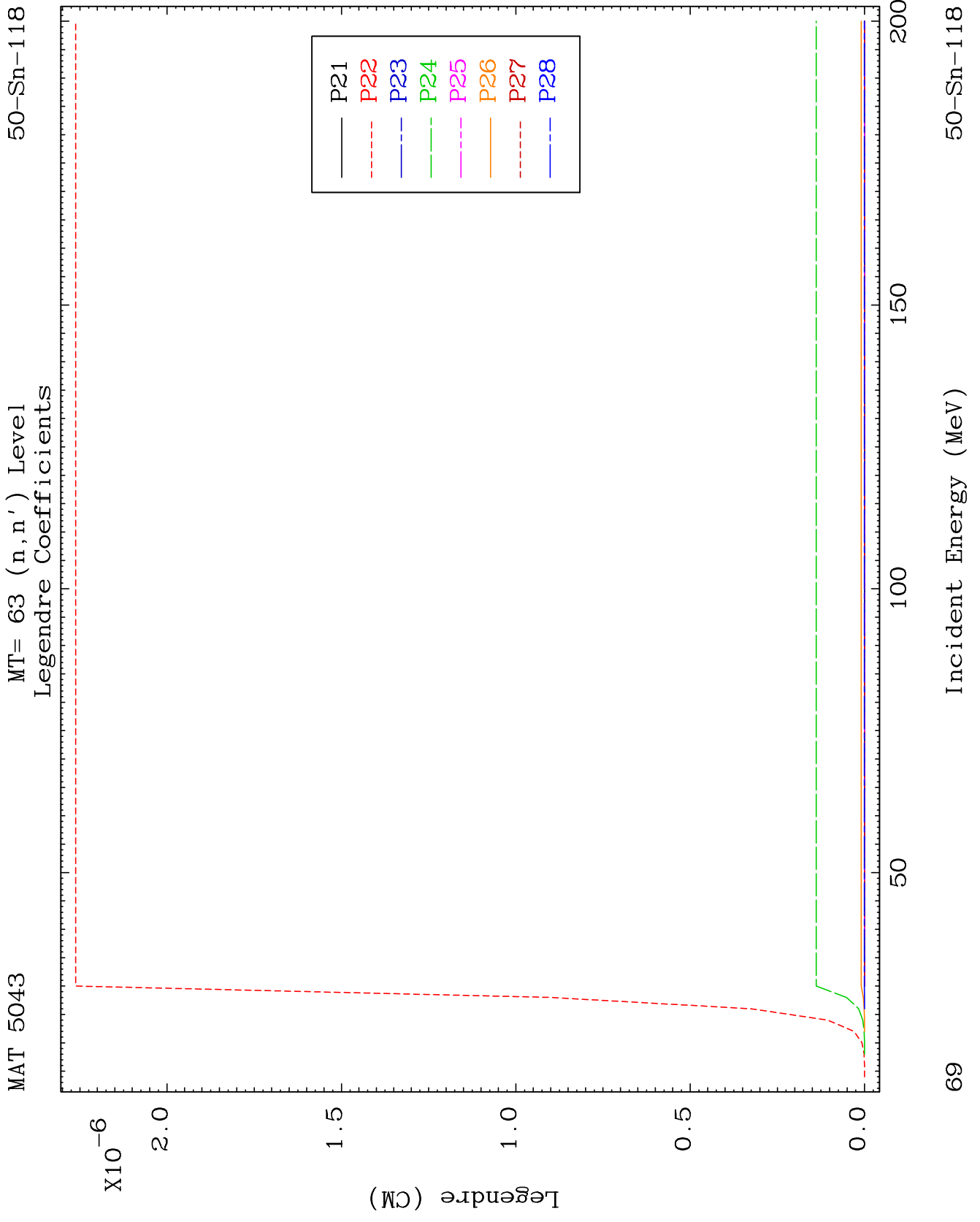
MT= 62 (n,n') Level
Legendre Coefficients

50-Sn-118



66

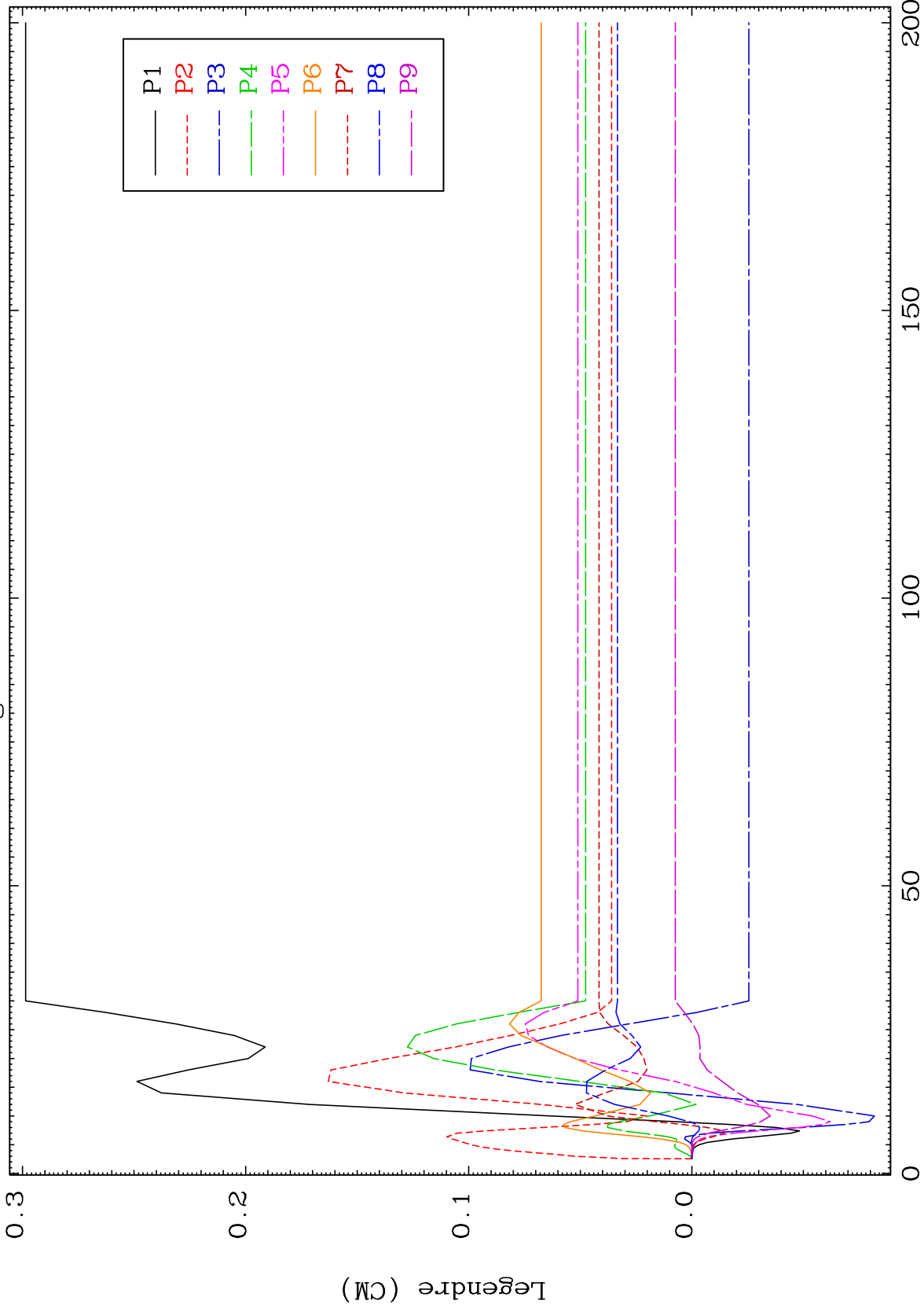




MAT 5043

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

50-Sn-118



50-Sn-118

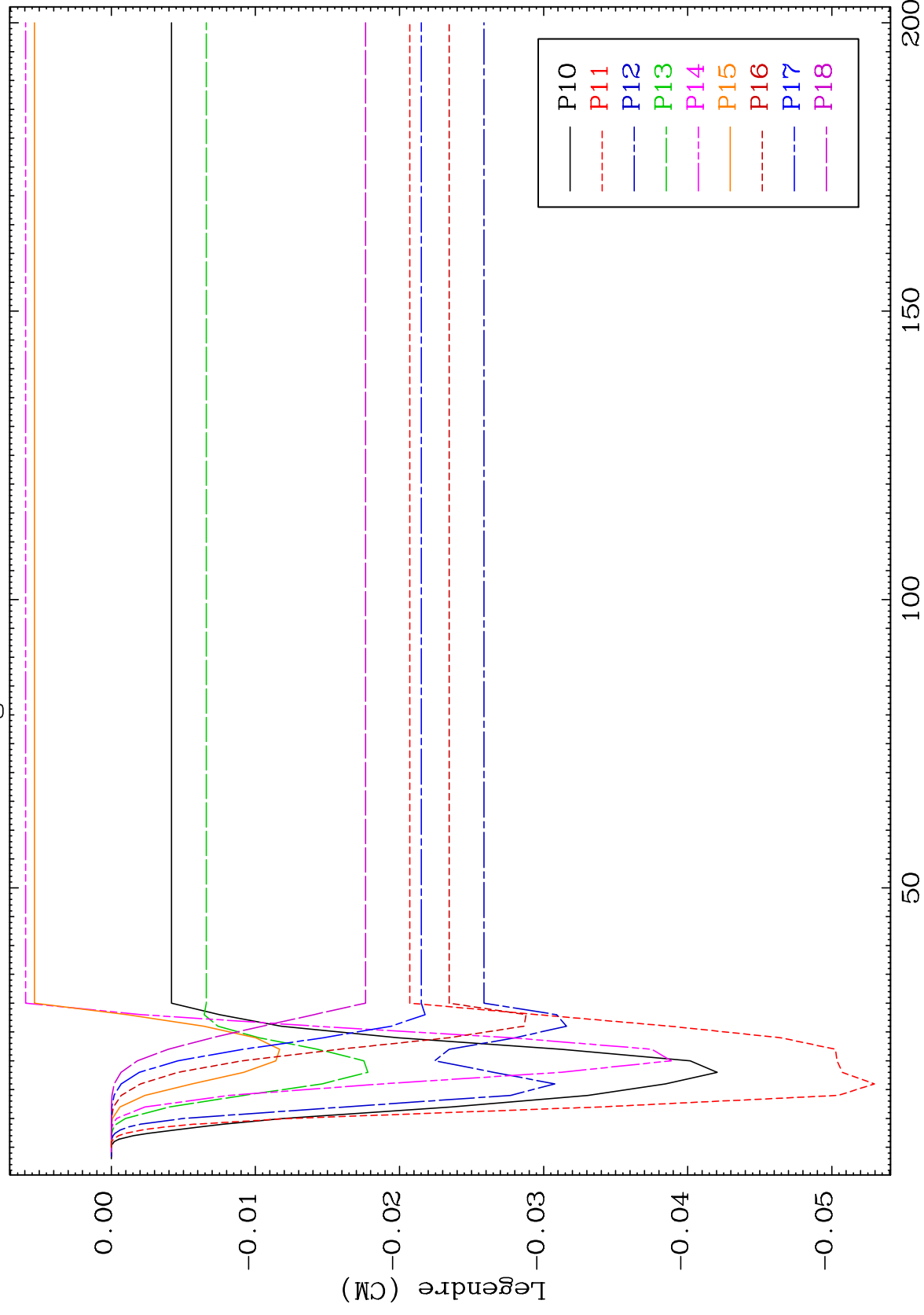
Incident Energy (MeV)

70

MAT 5043

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

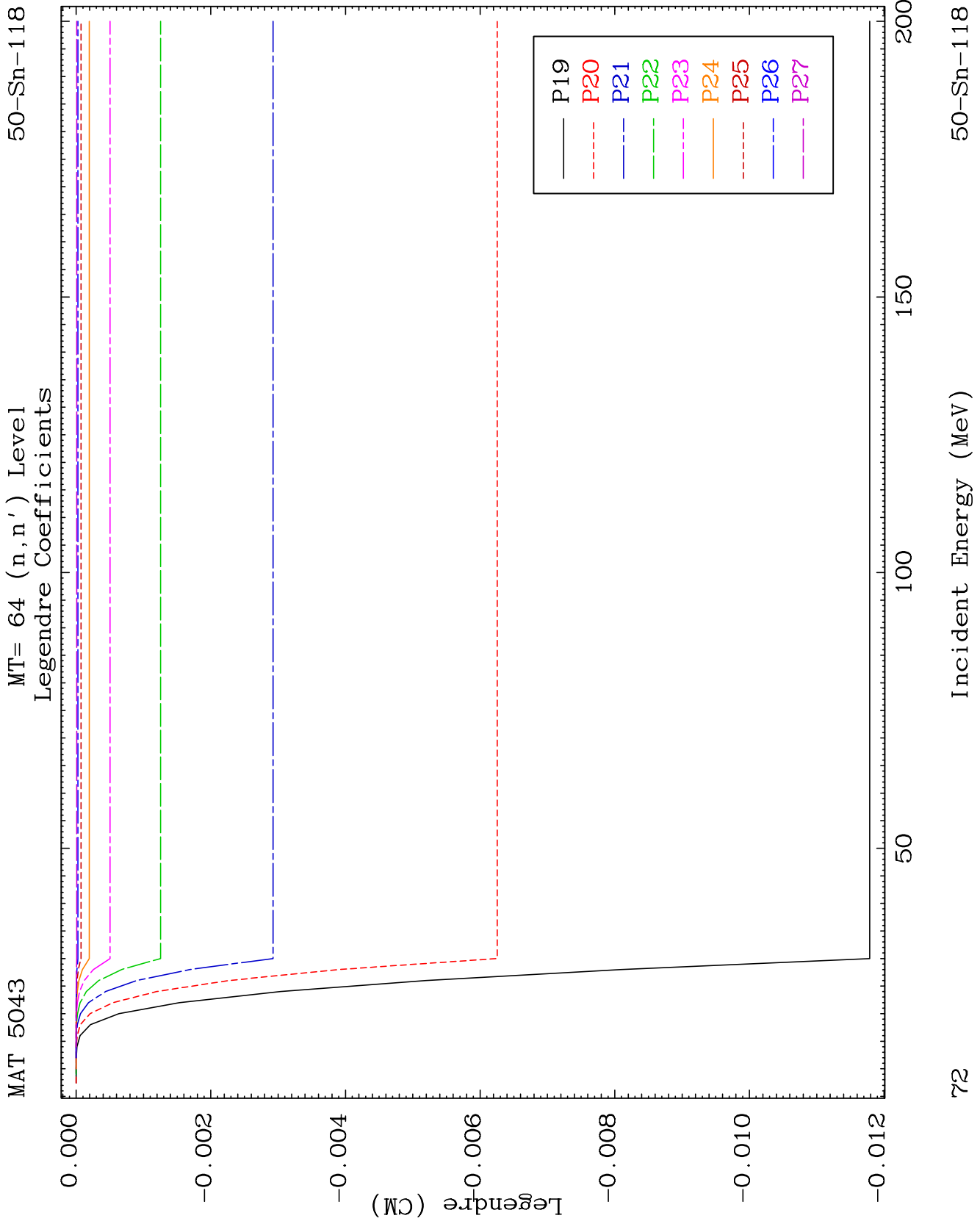
50-Sn-118



71

Incident Energy (MeV)

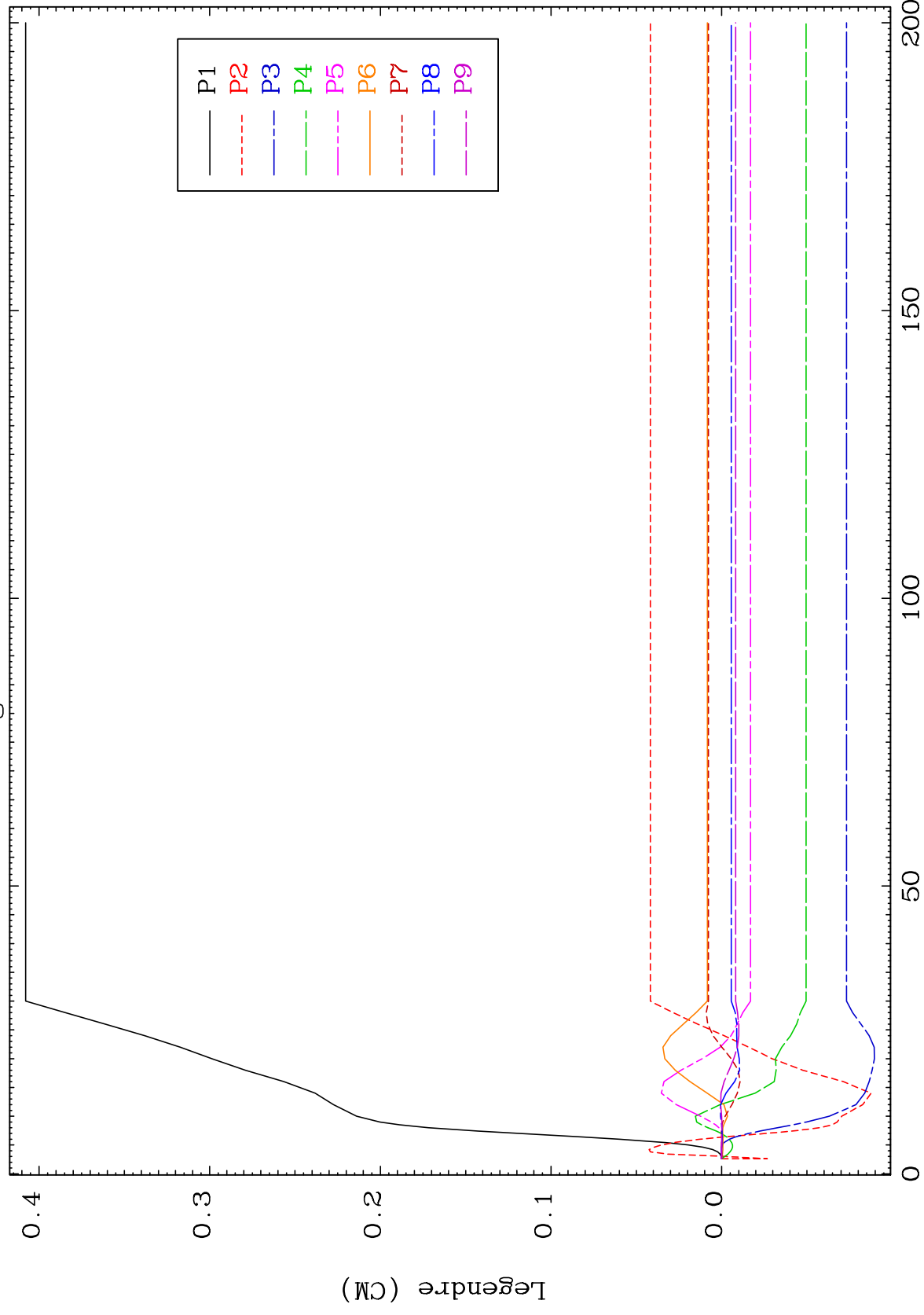
50-Sn-118



MAT 5043

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

50-Sn-118



74

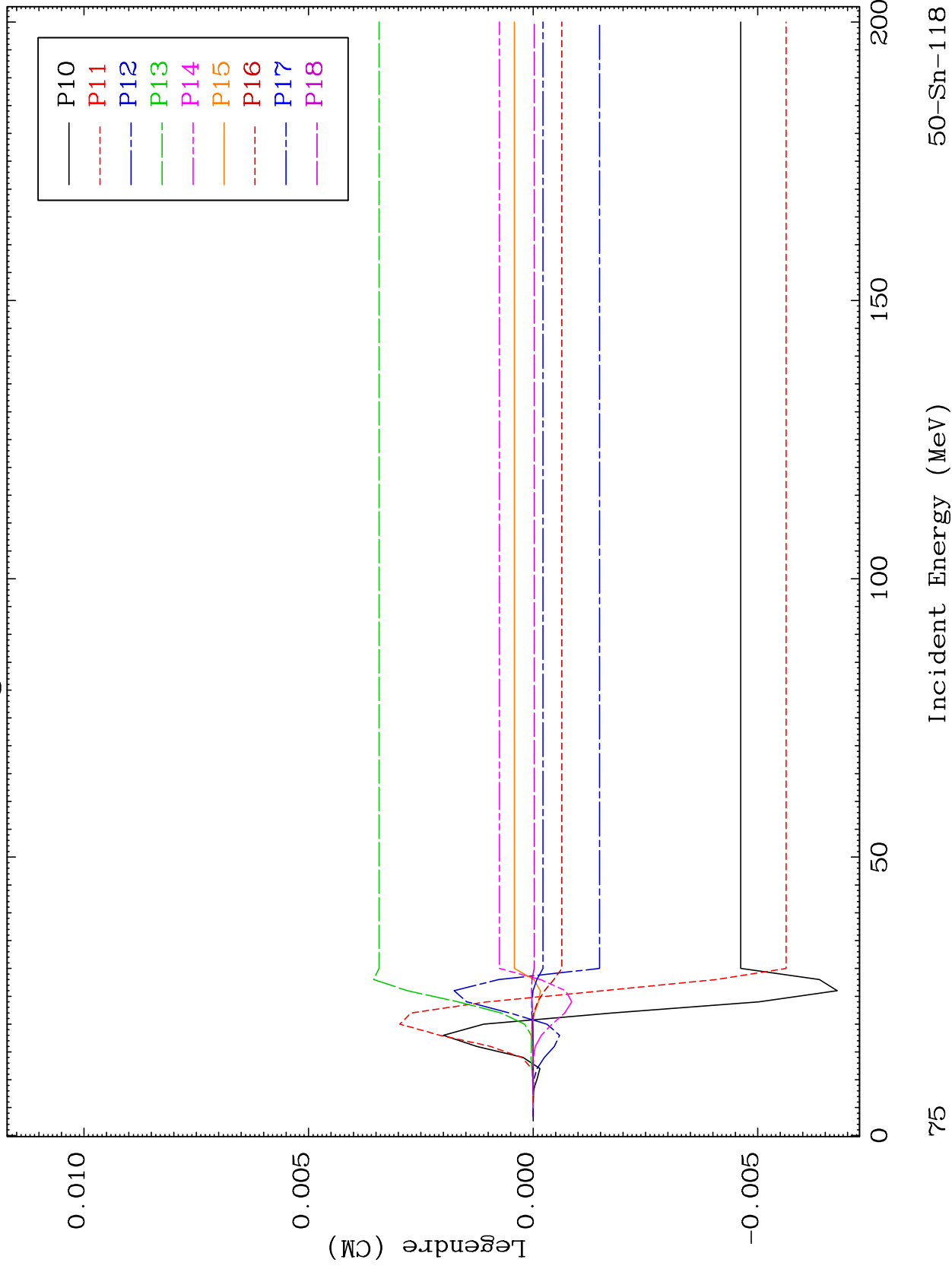
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



50-Sn-118

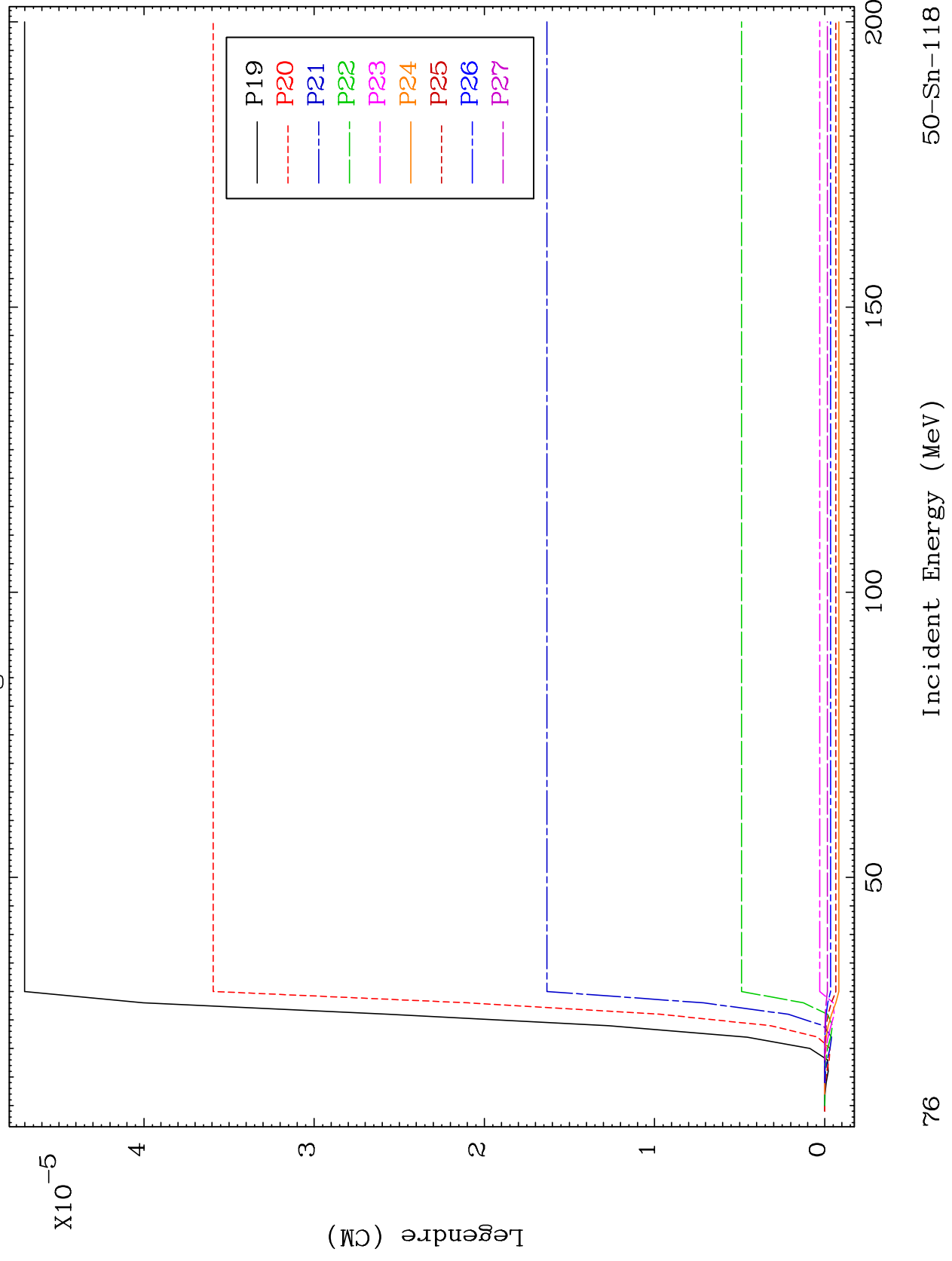
Incident Energy (MeV)

75

MAT 5043

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

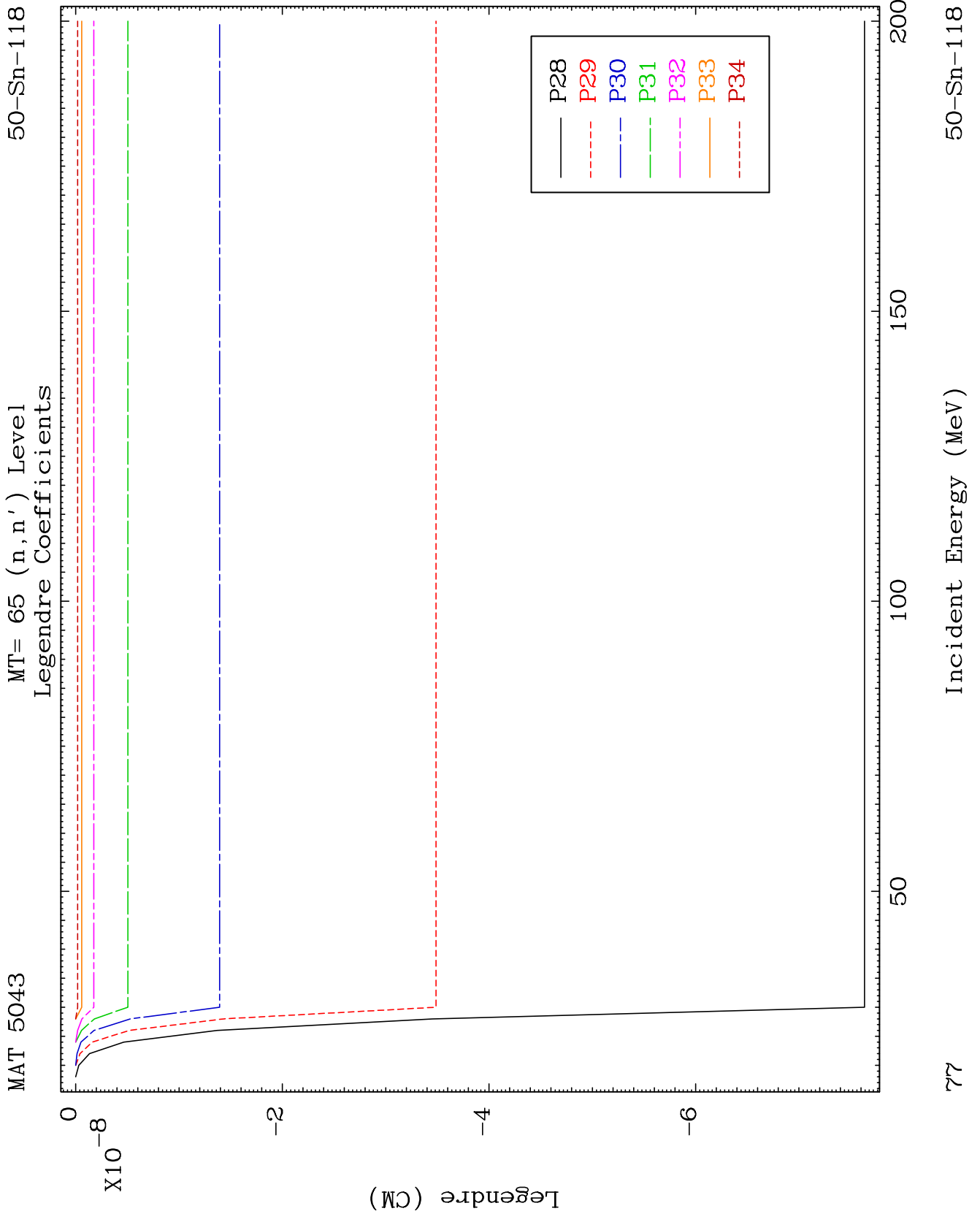
50-Sn-118

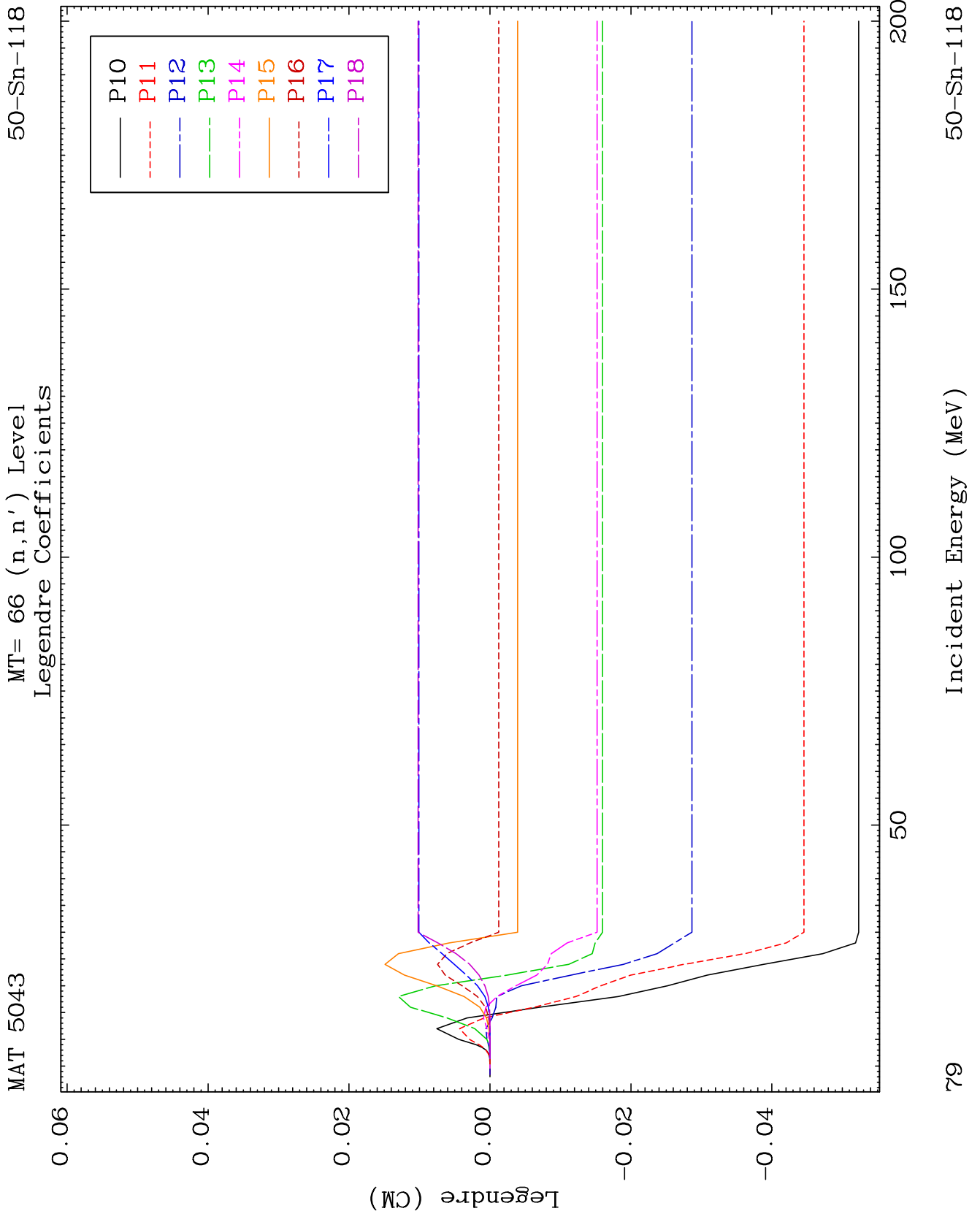


76

Incident Energy (MeV)

50-Sn-118

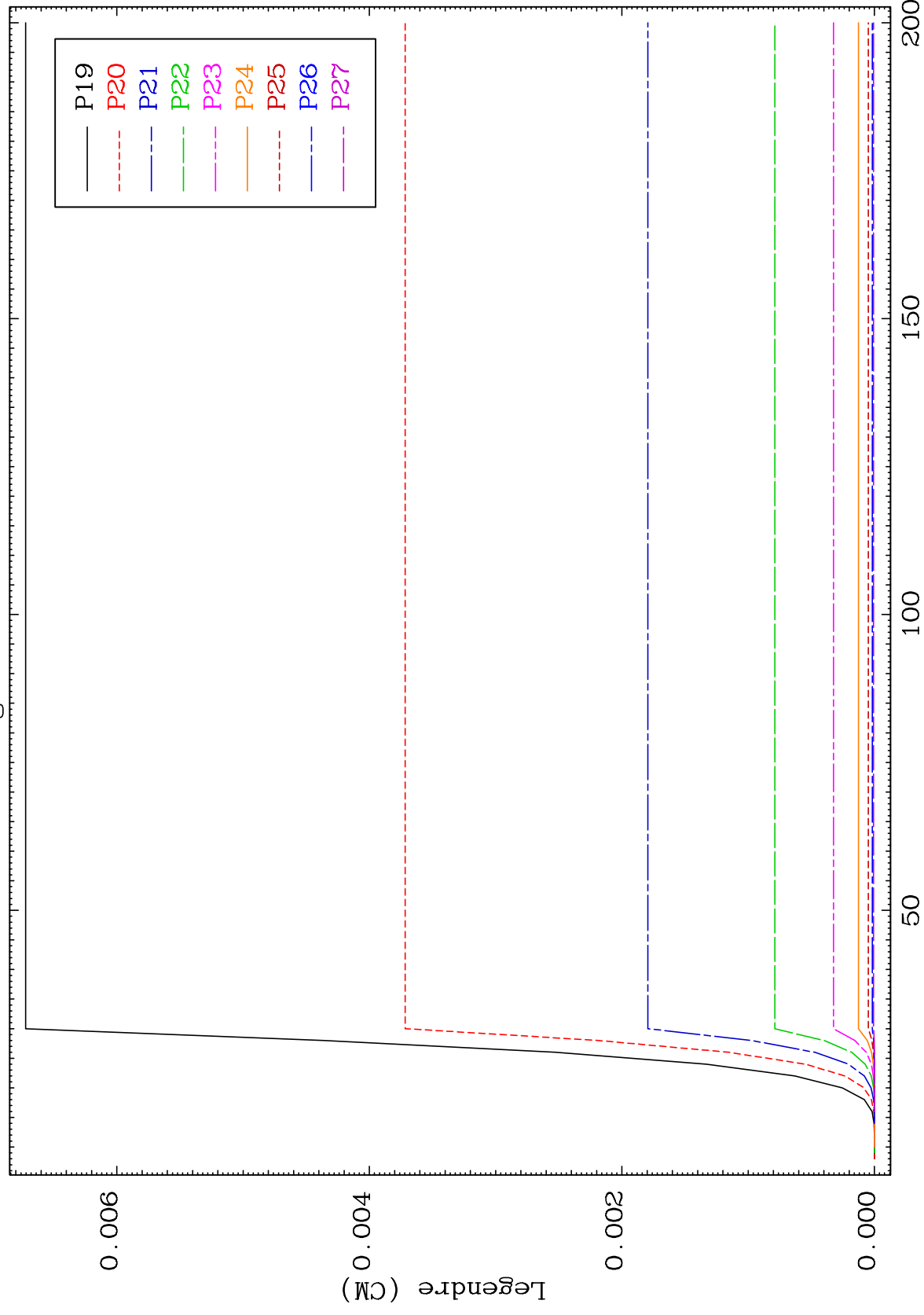




MAT 5043

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

50-Sn-118



80

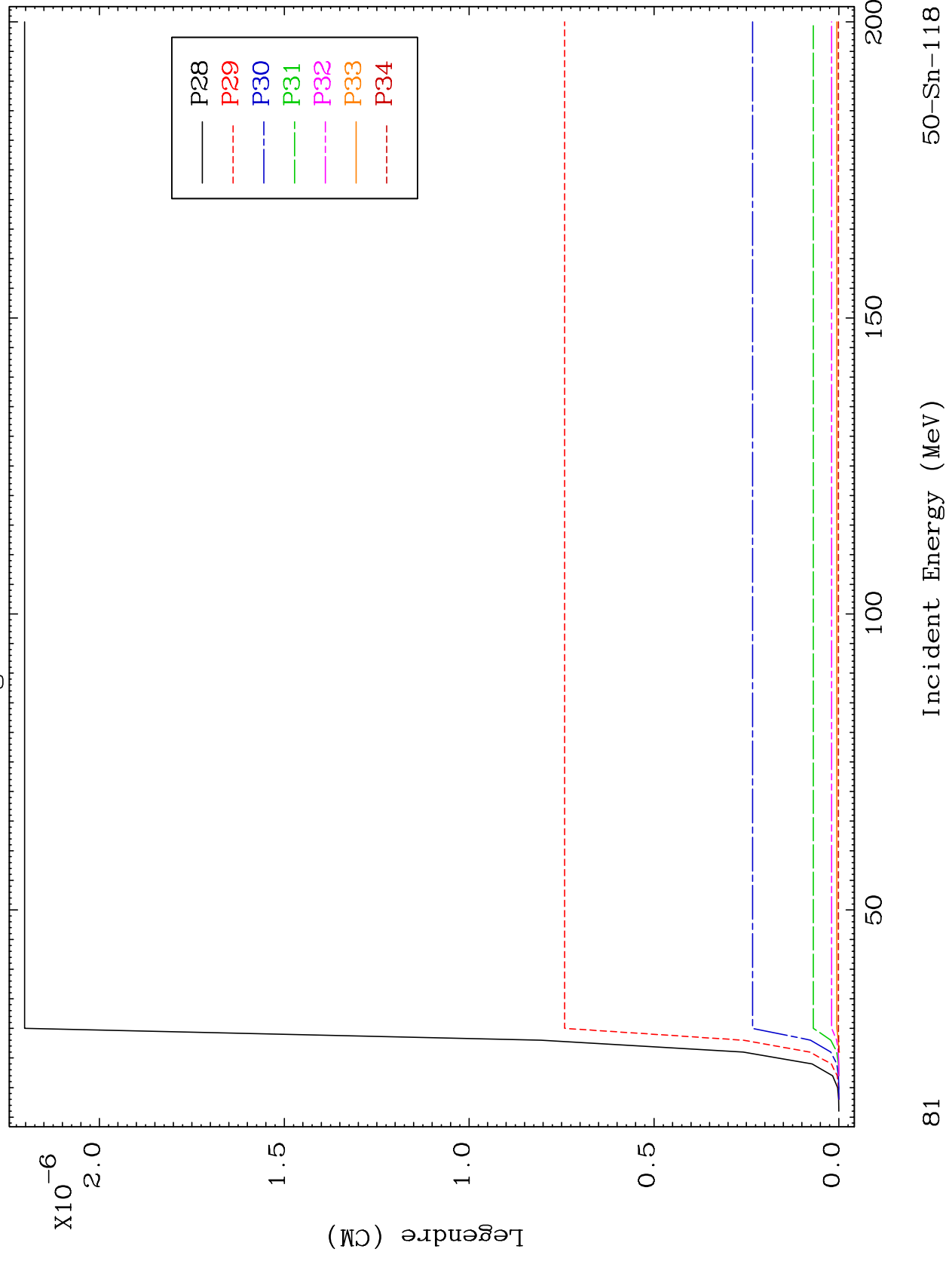
Incident Energy (MeV)

50-Sn-118

MAT 5043

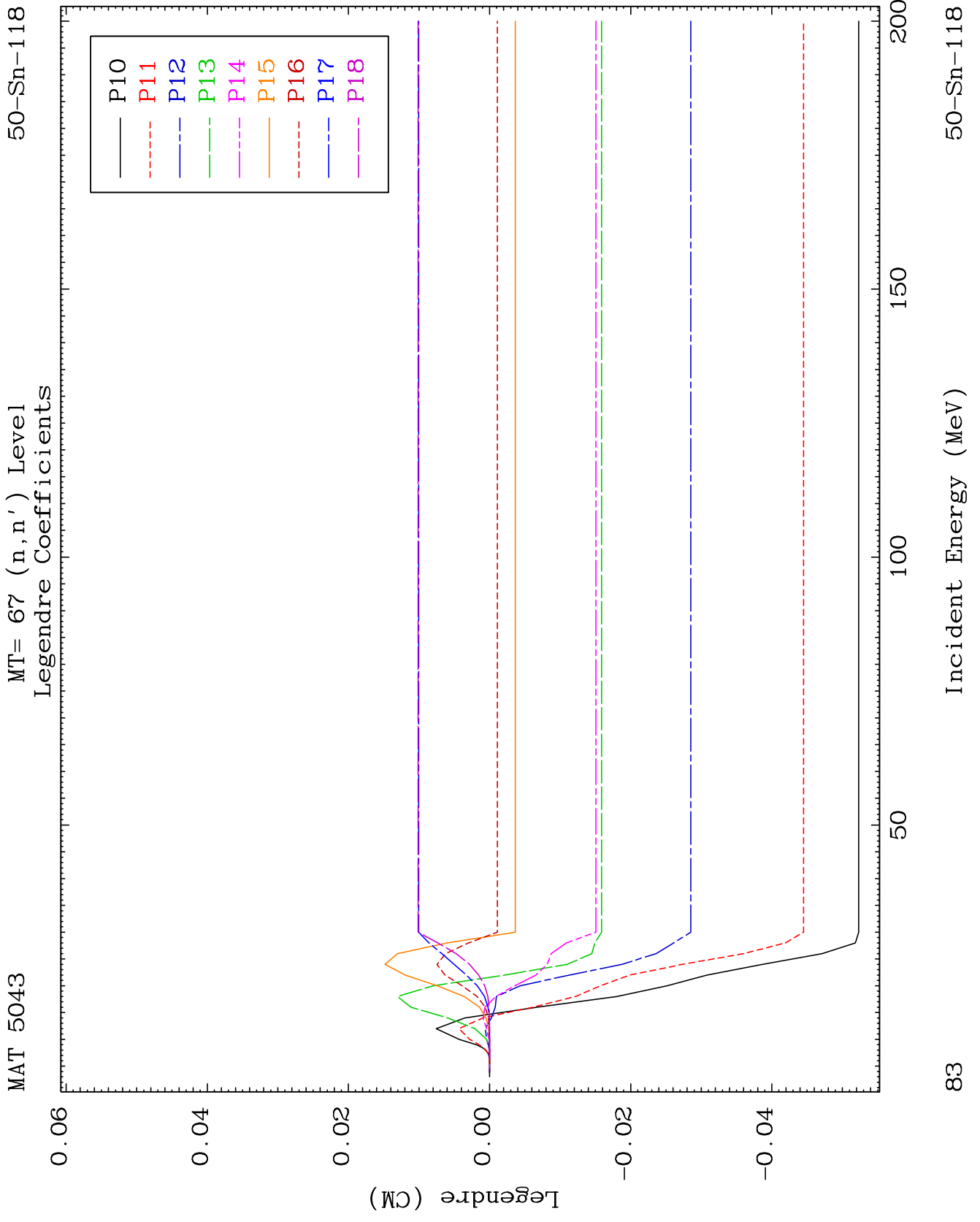
MT= 66 (n,n') Level
Legendre Coefficients

50-Sn-118



81

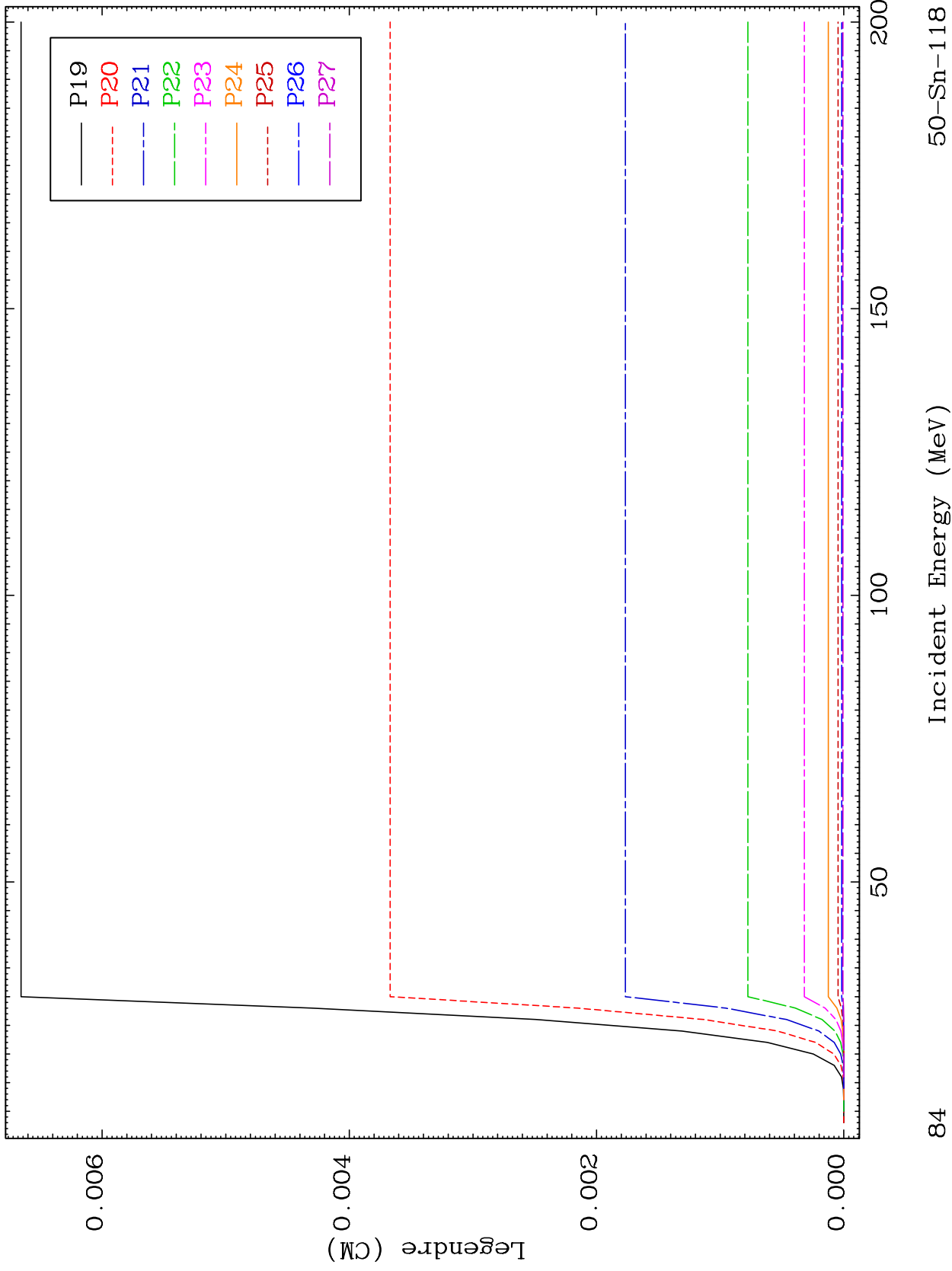
50-Sn-118



MAT 5043

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

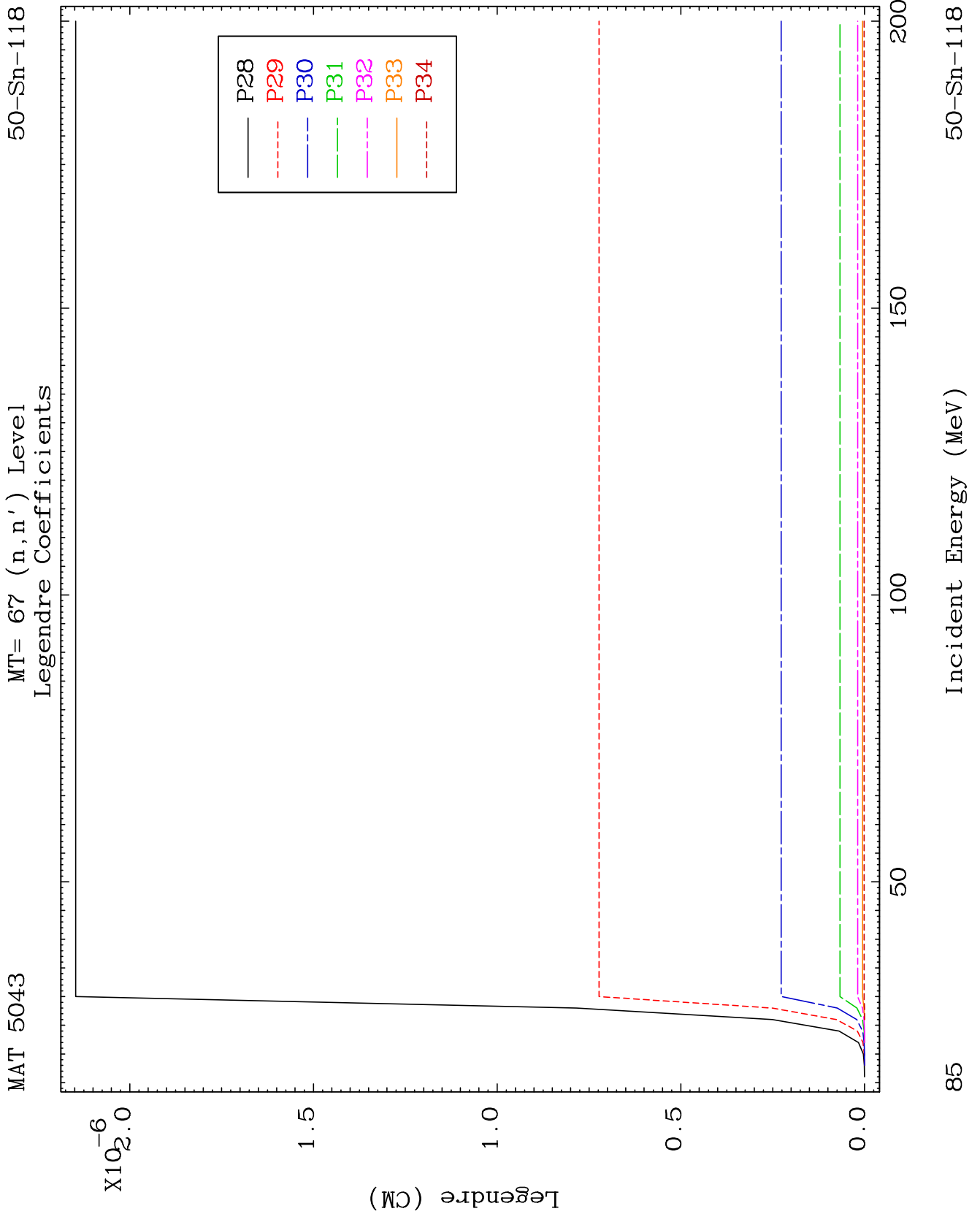
50-Sn-118

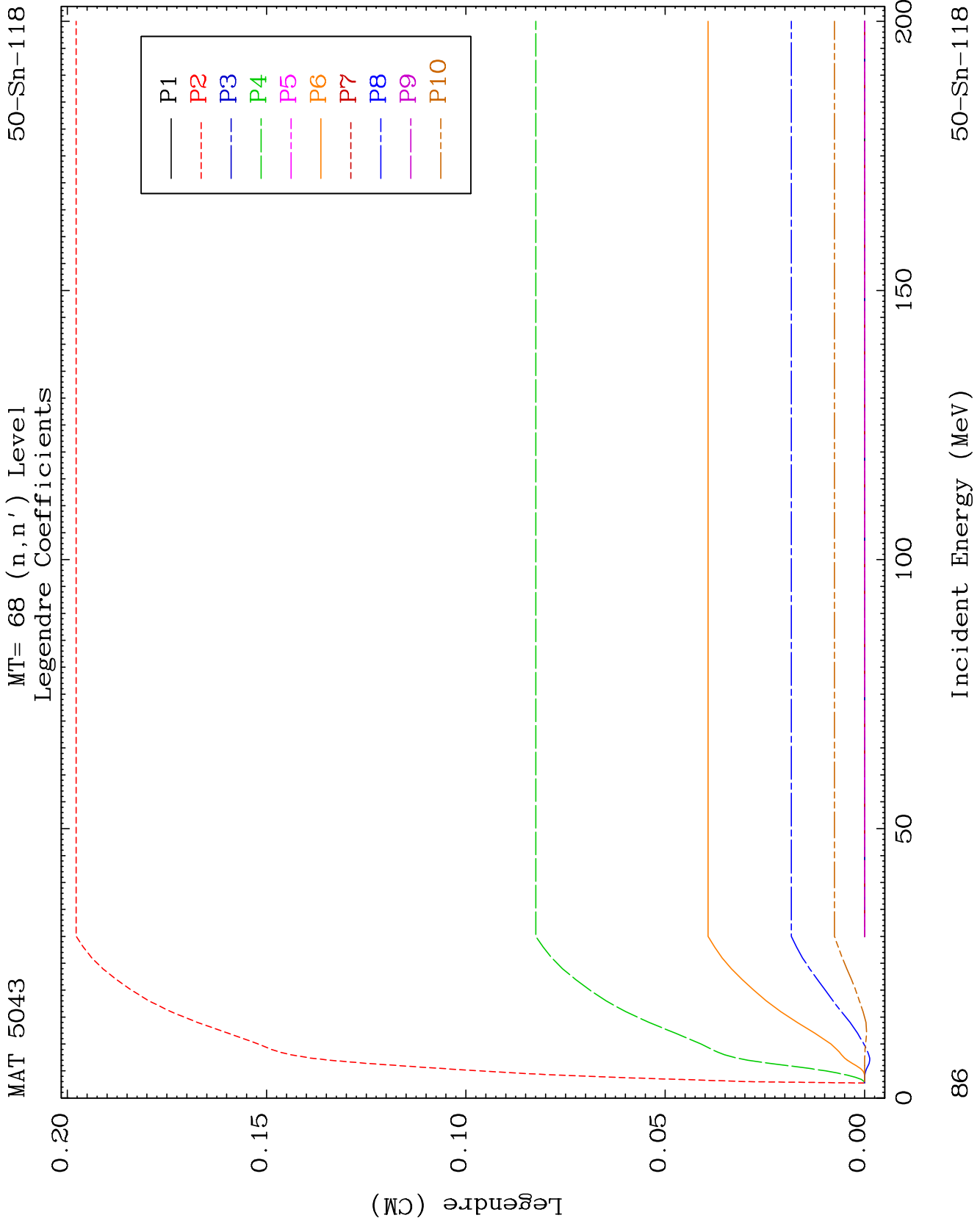


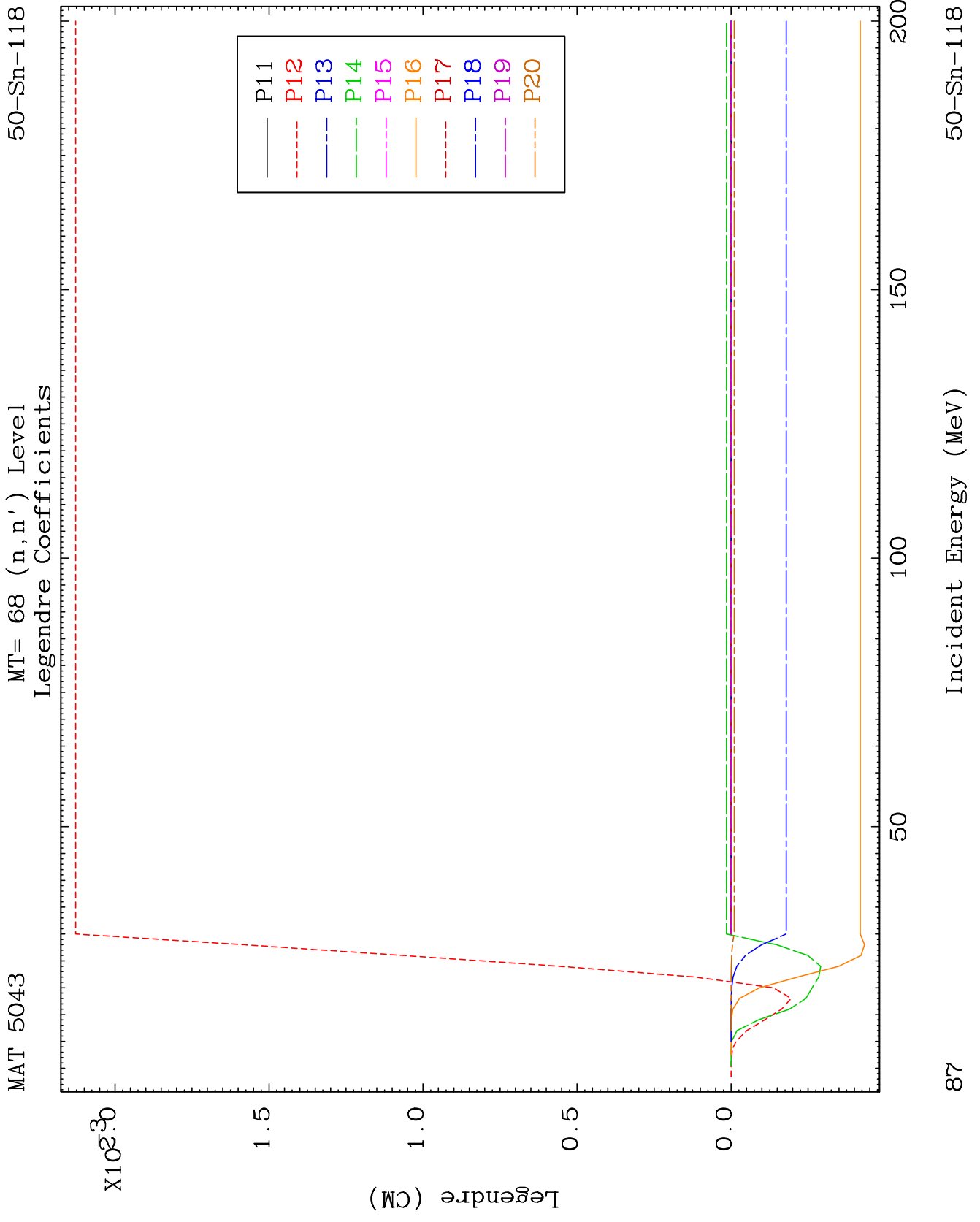
84

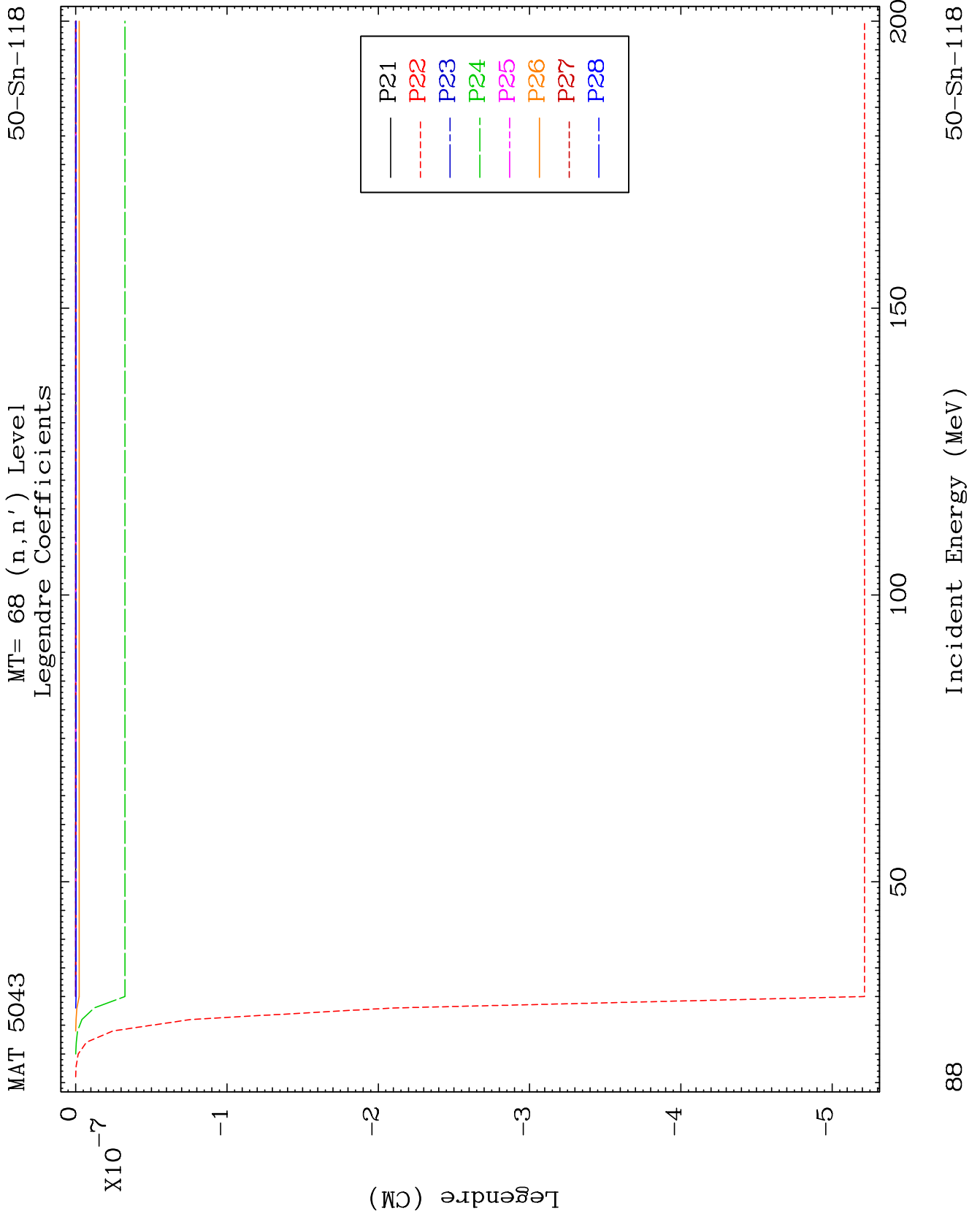
Incident Energy (MeV)

50-Sn-118





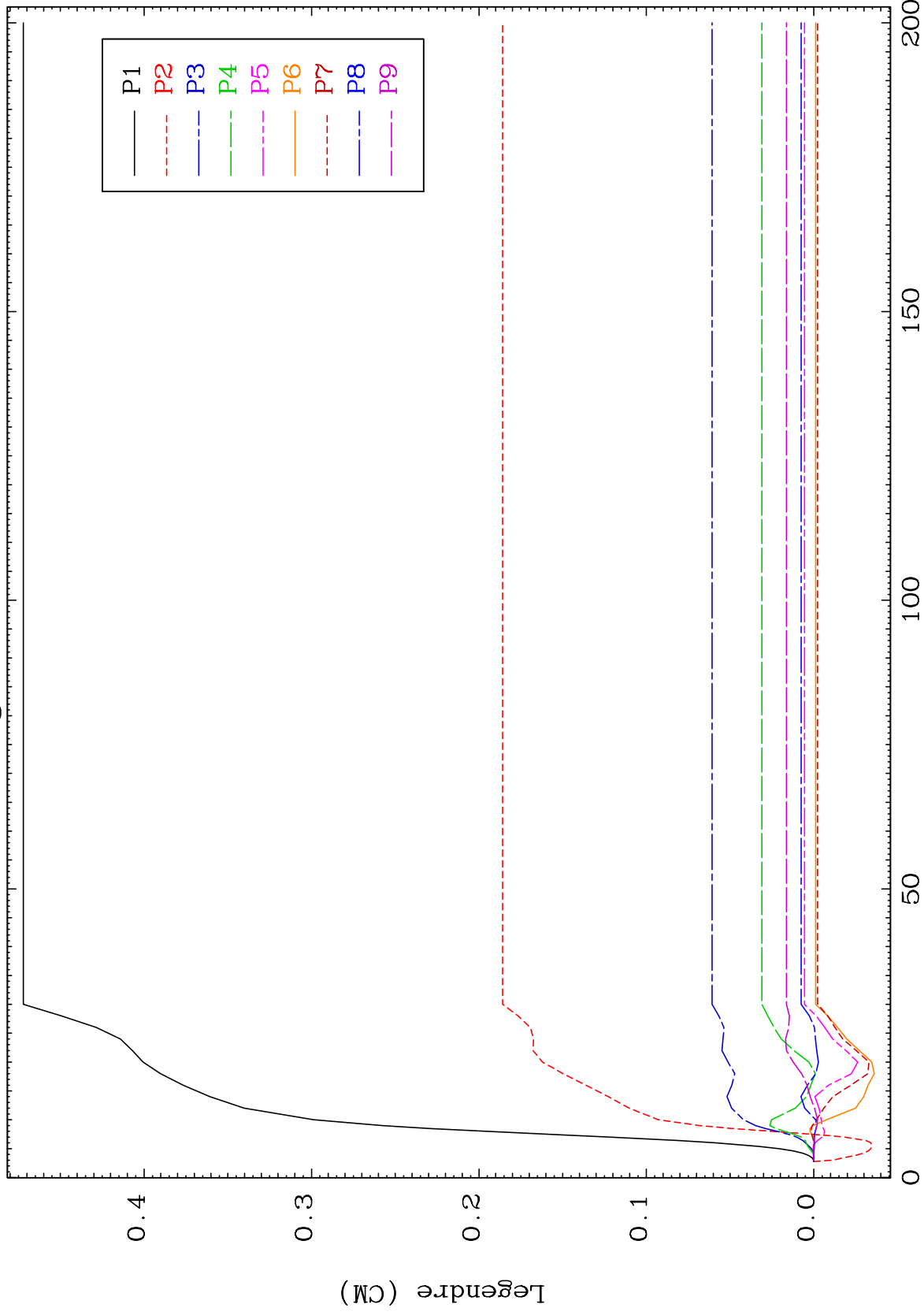




MAT 5043

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

50-Sn-118



89

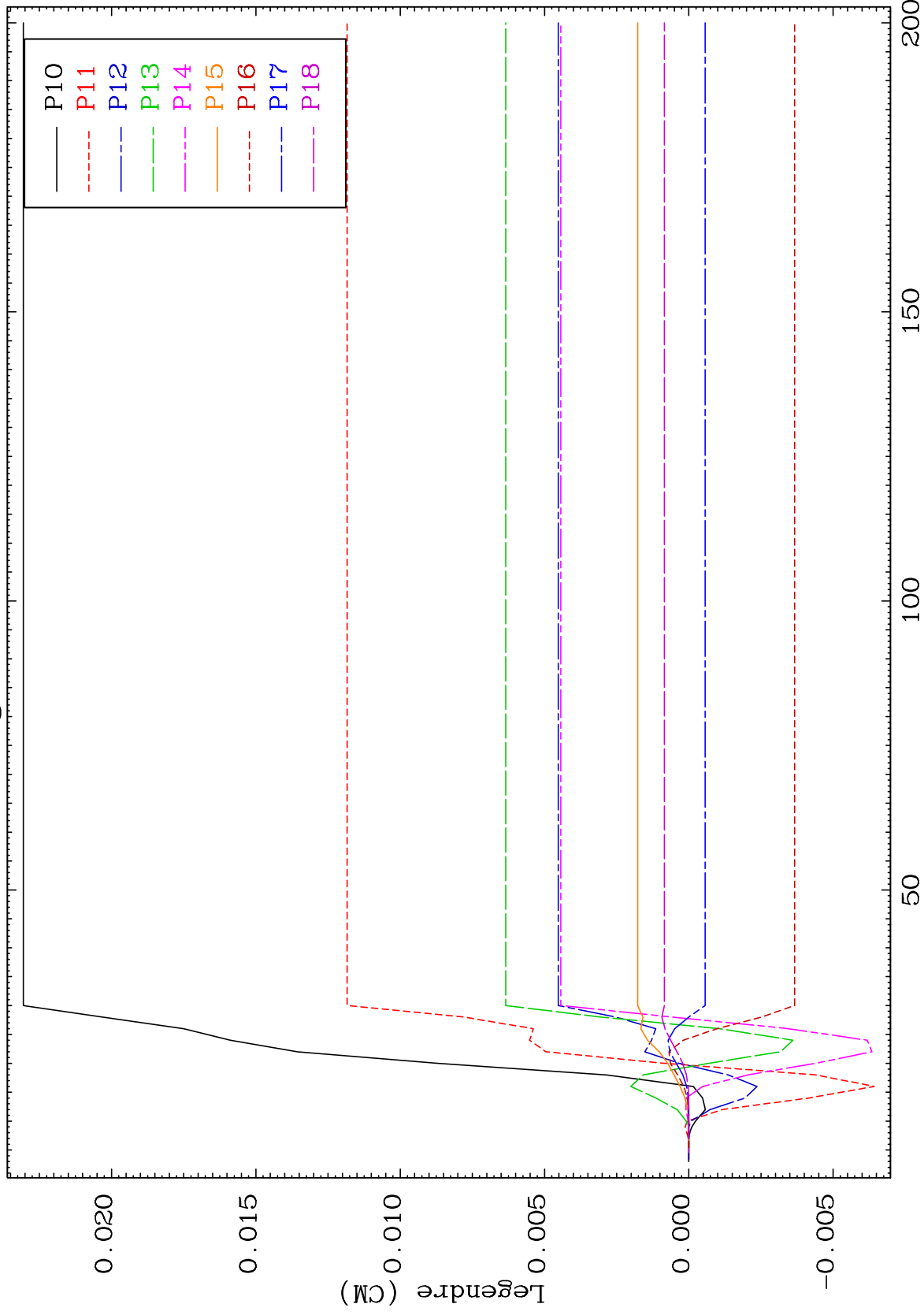
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



90

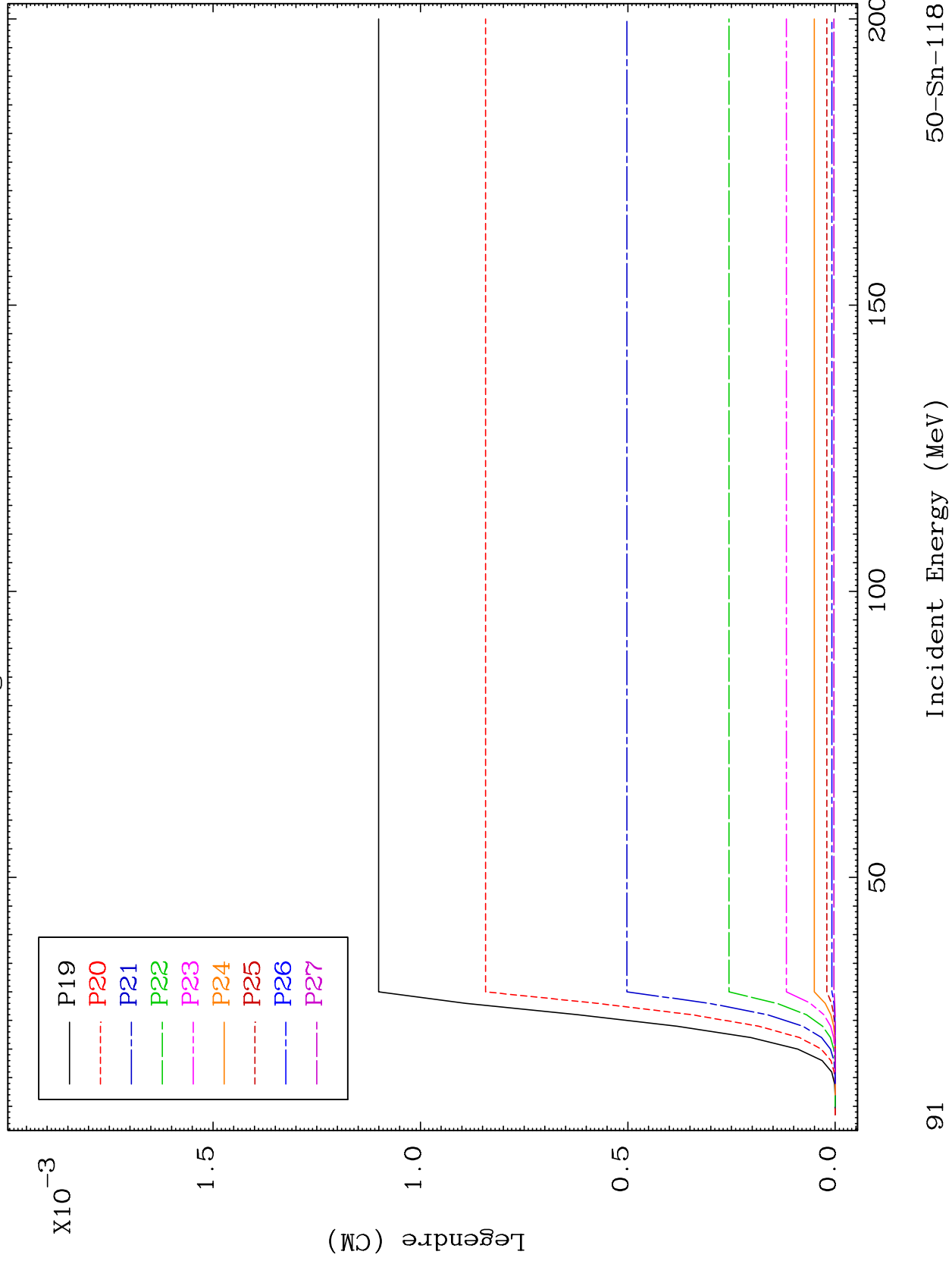
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

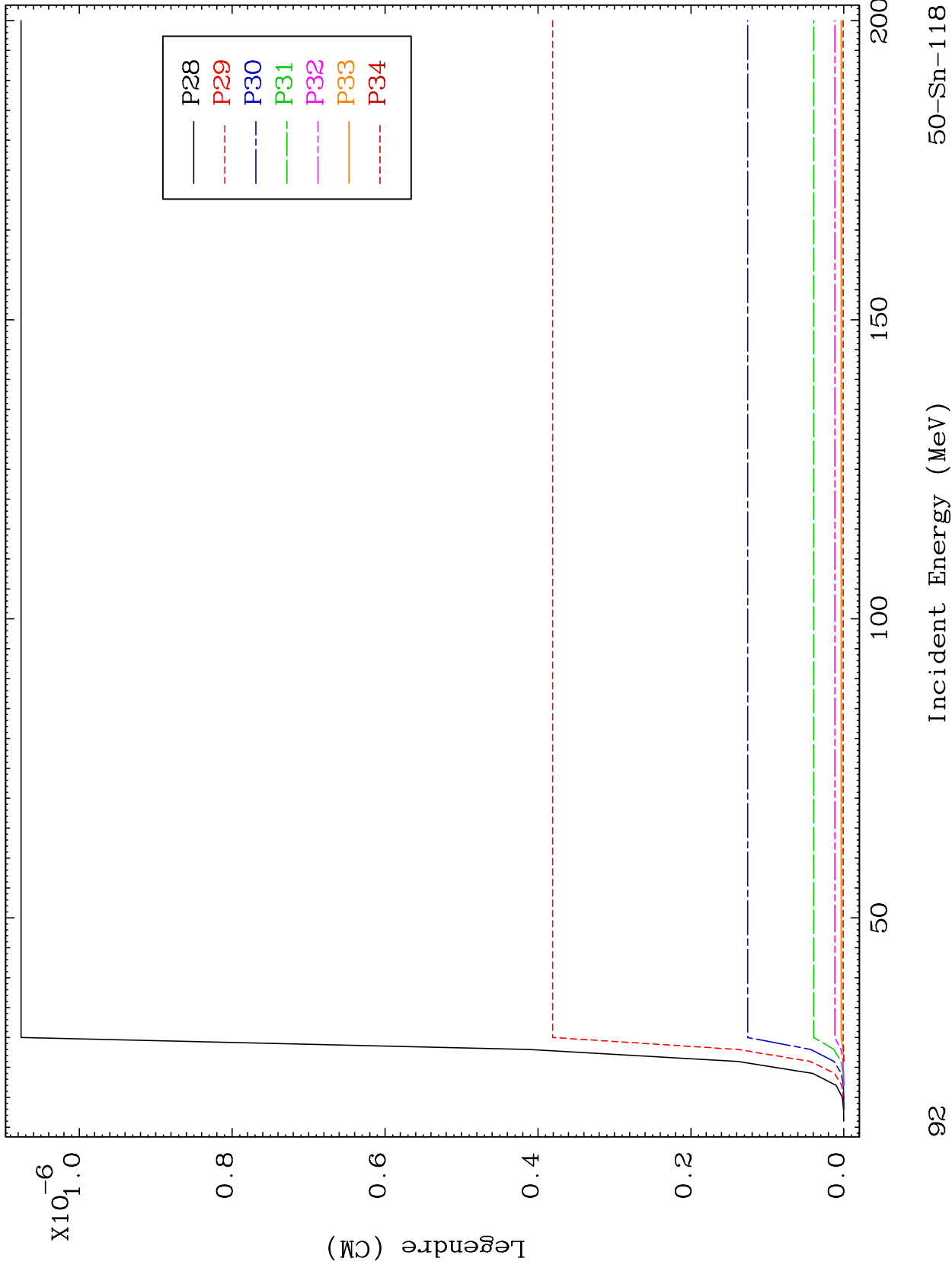
50-Sn-118

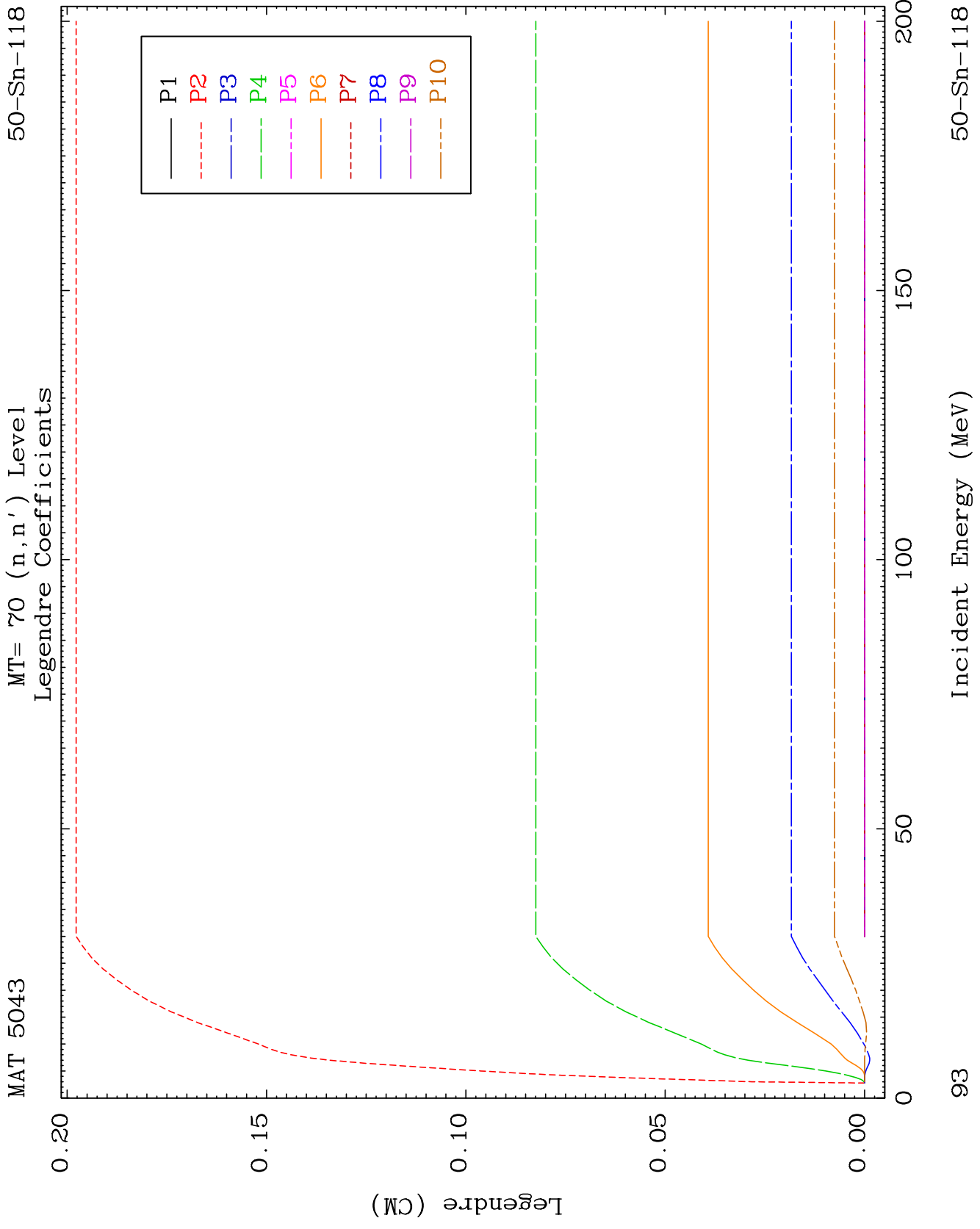


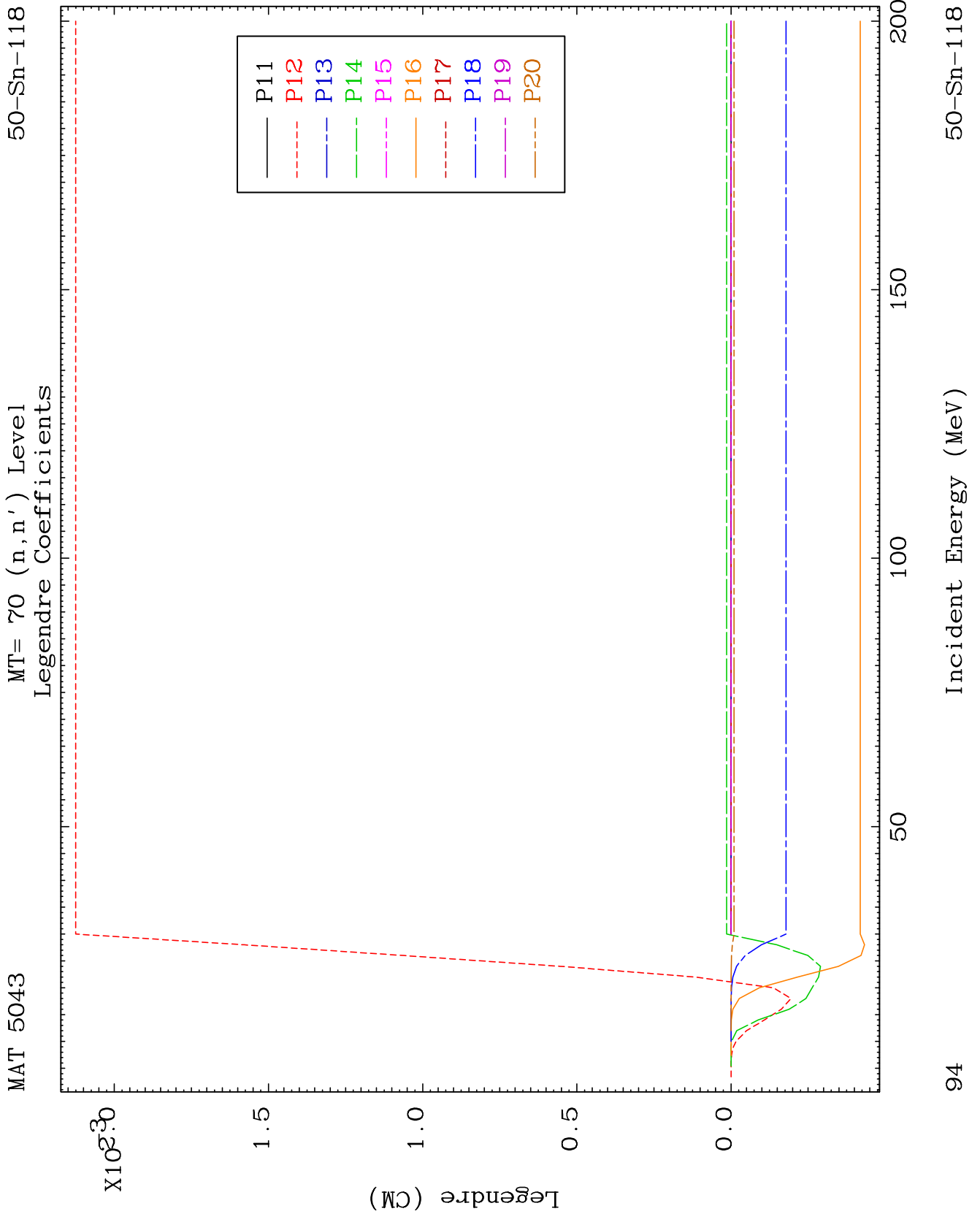
MAT 5043

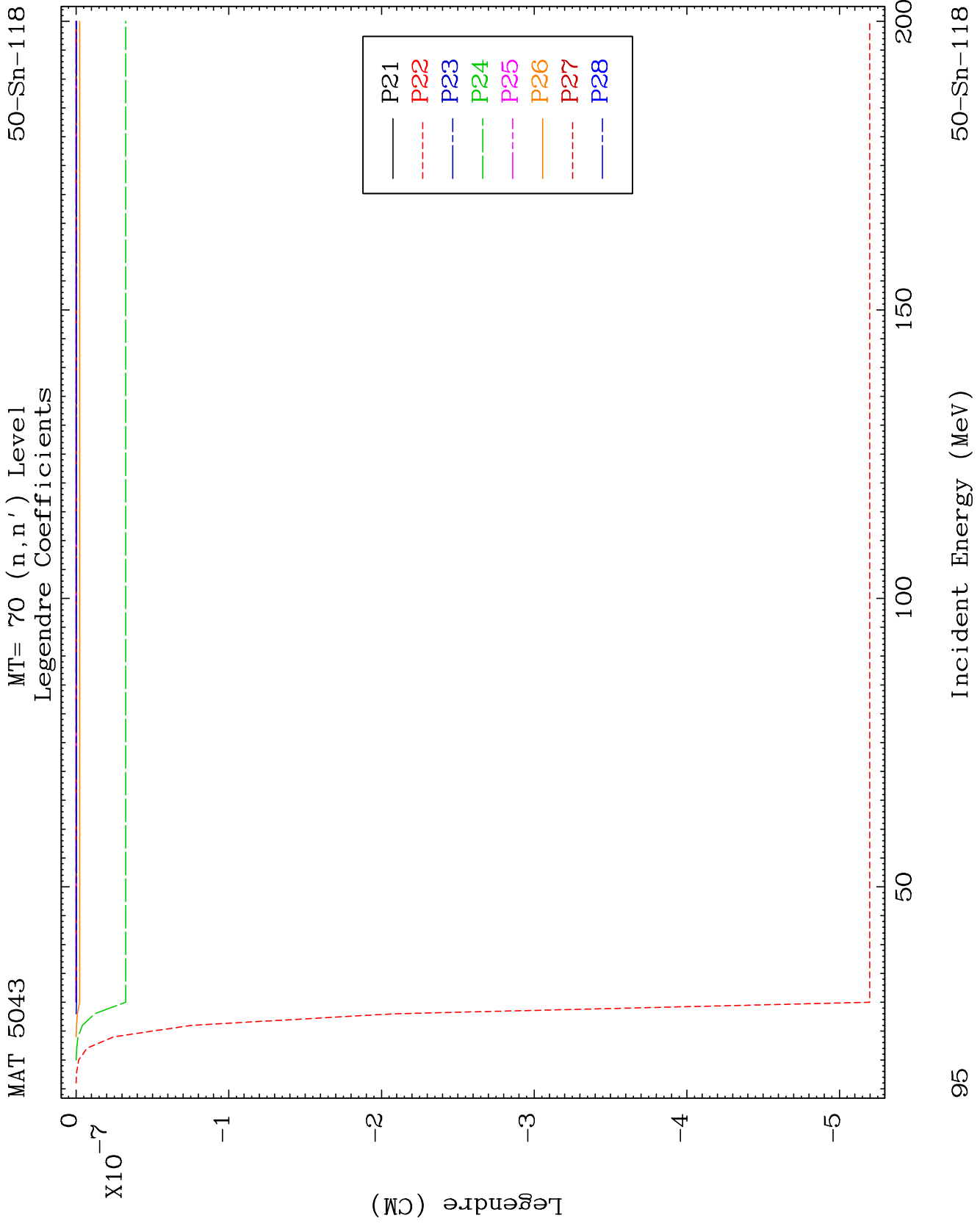
MT= 69 (n,n') Level
Legendre Coefficients

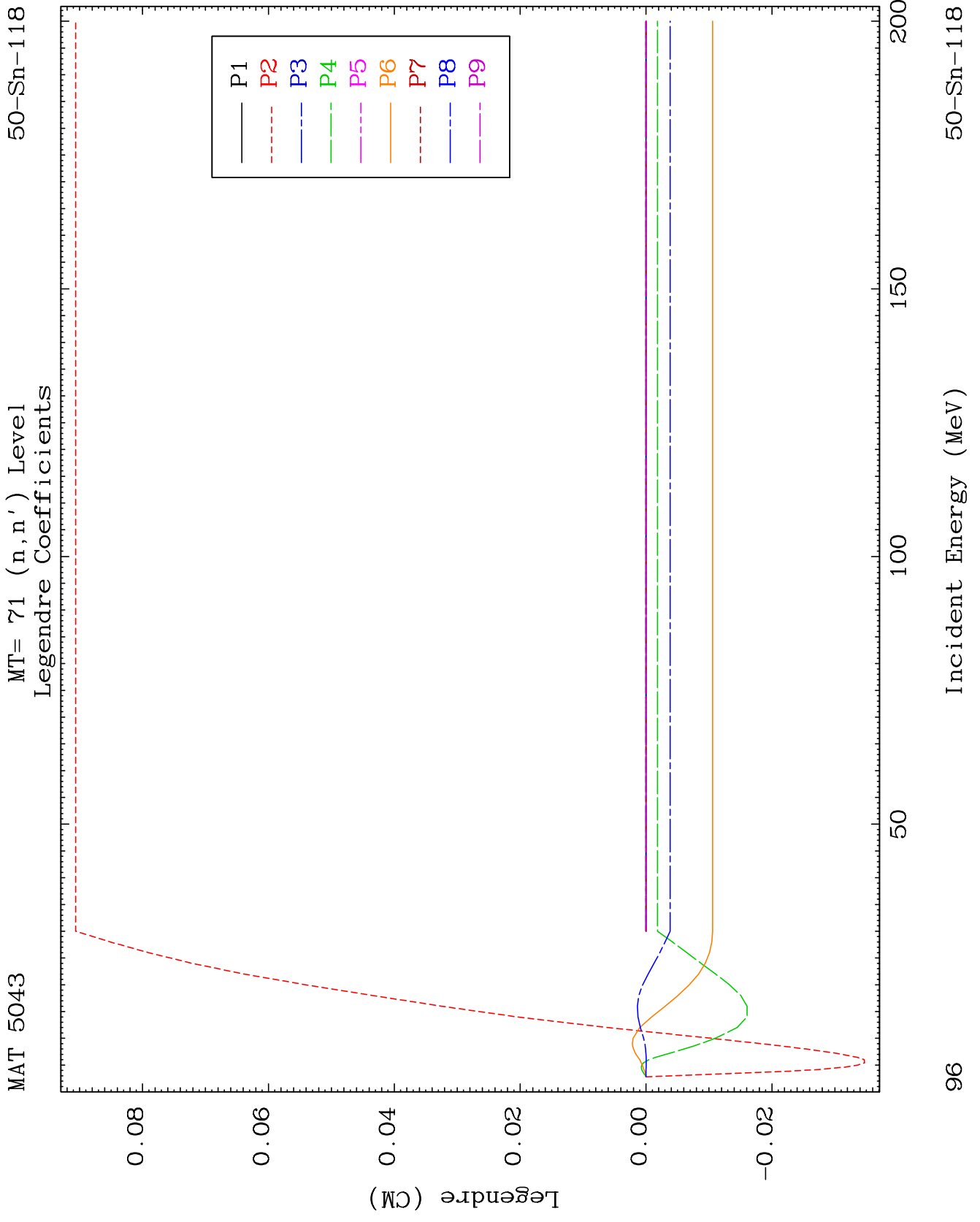
50-Sn-118







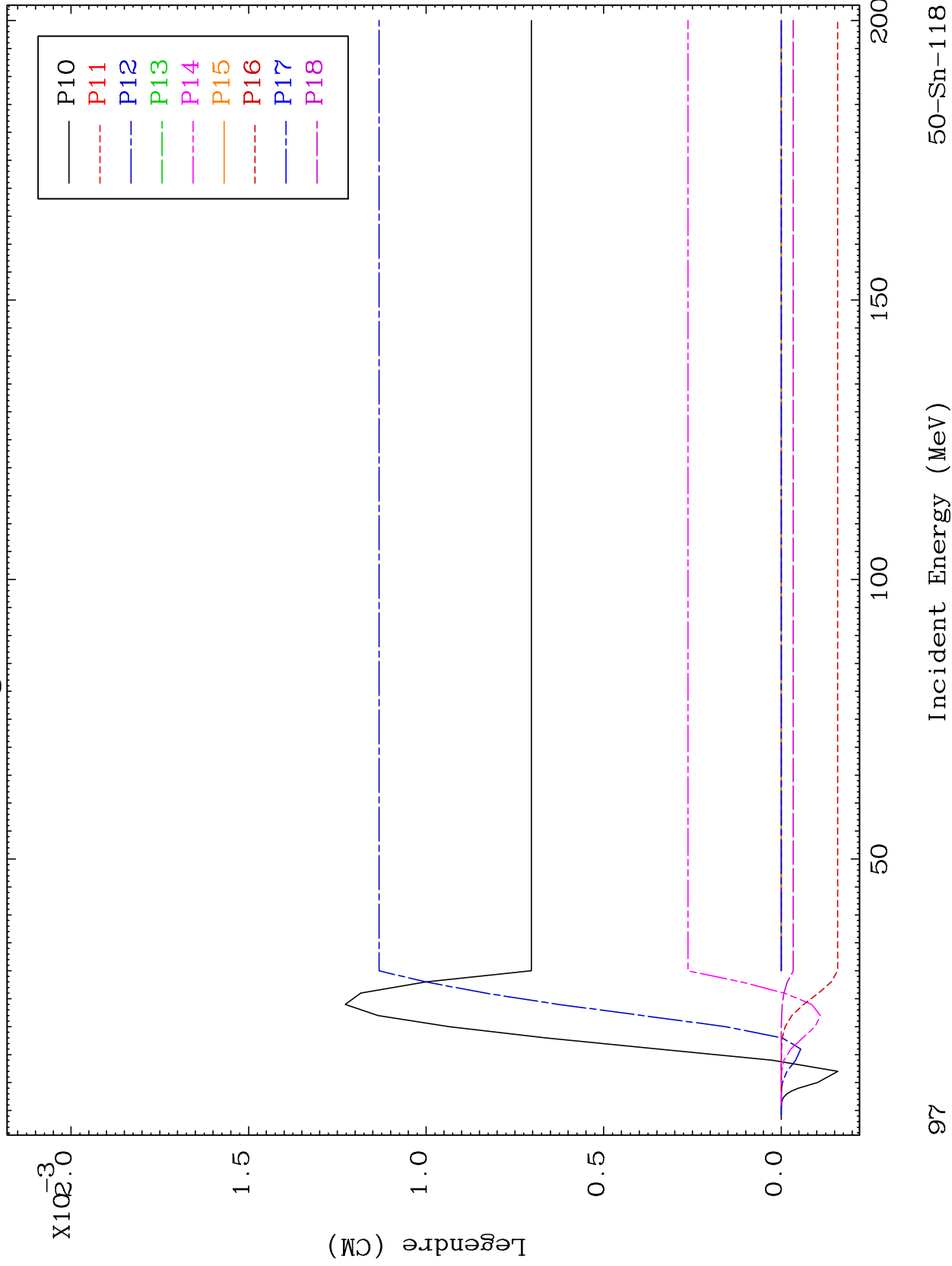




MAT 5043

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

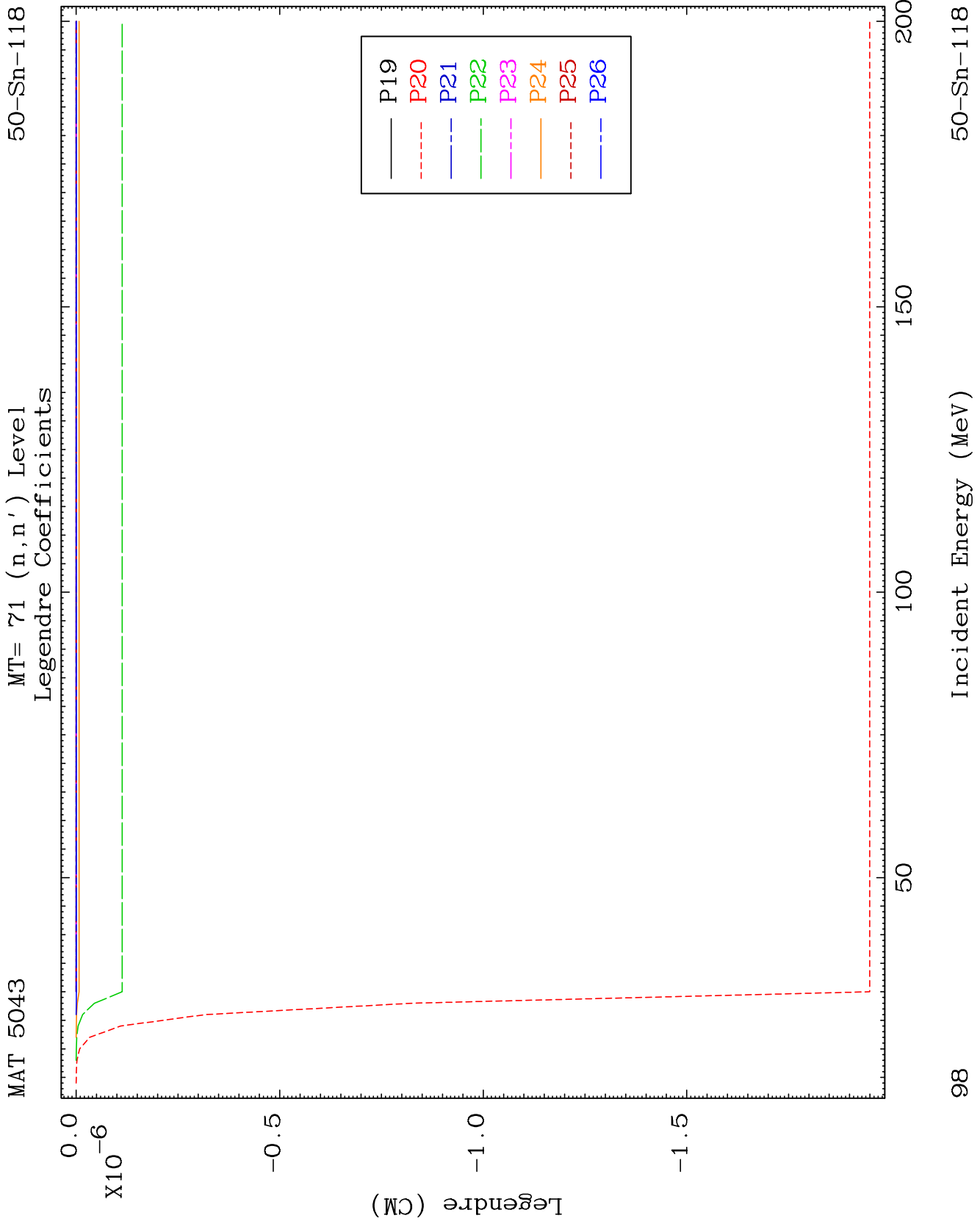
50-Sn-118



97

Incident Energy (MeV)

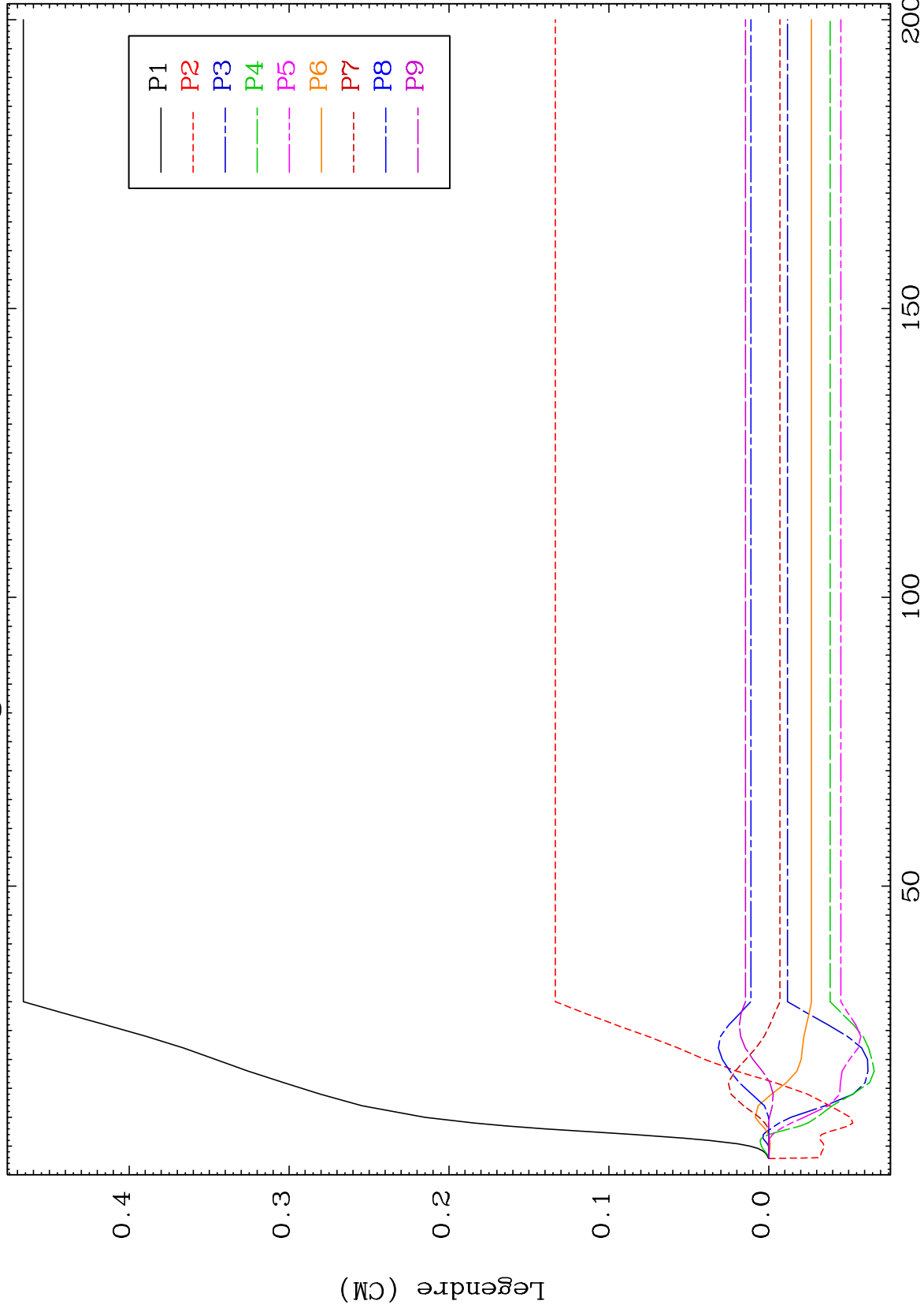
50-Sn-118



MAT 5043

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

50-Sn-118



99

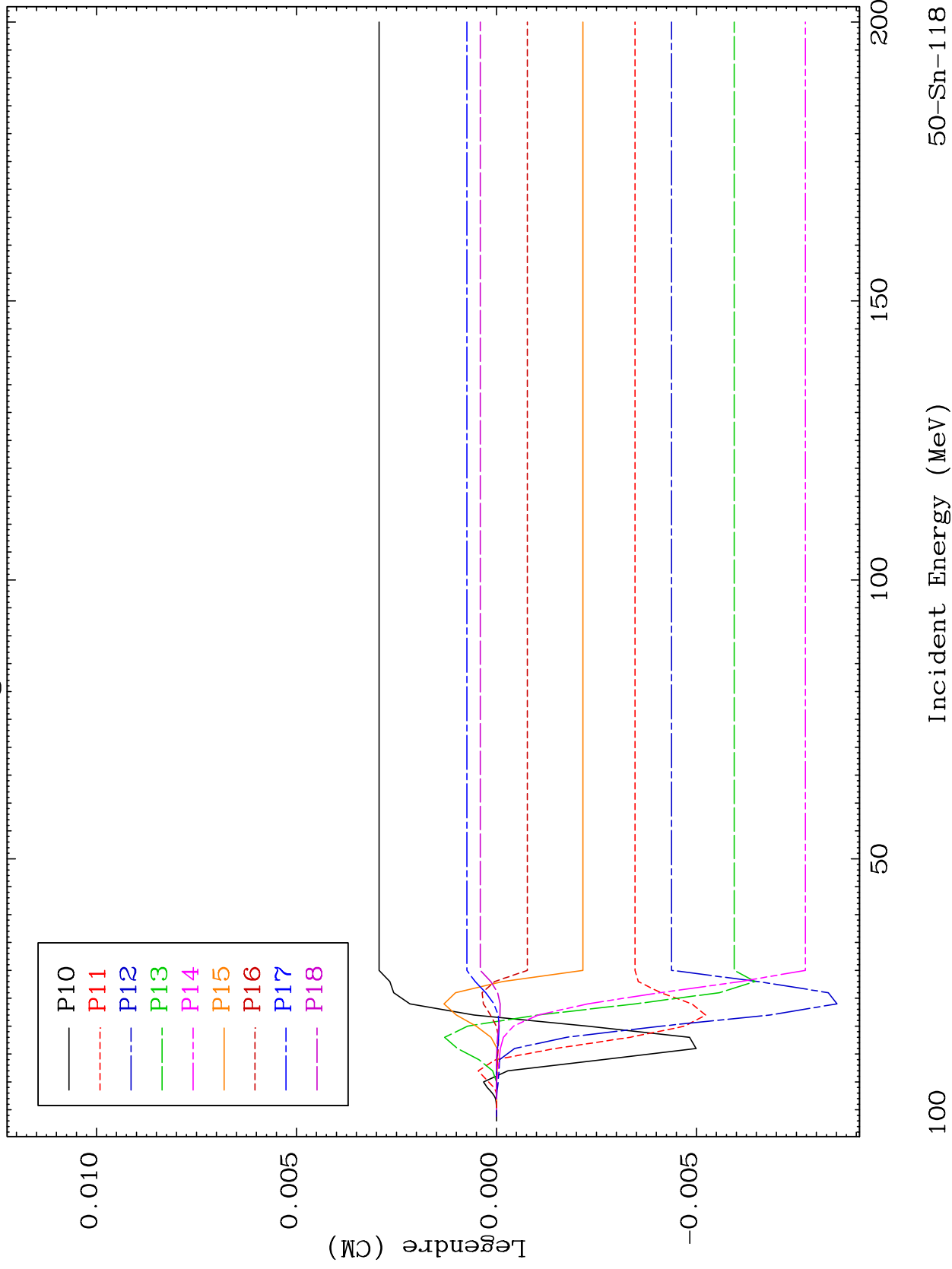
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

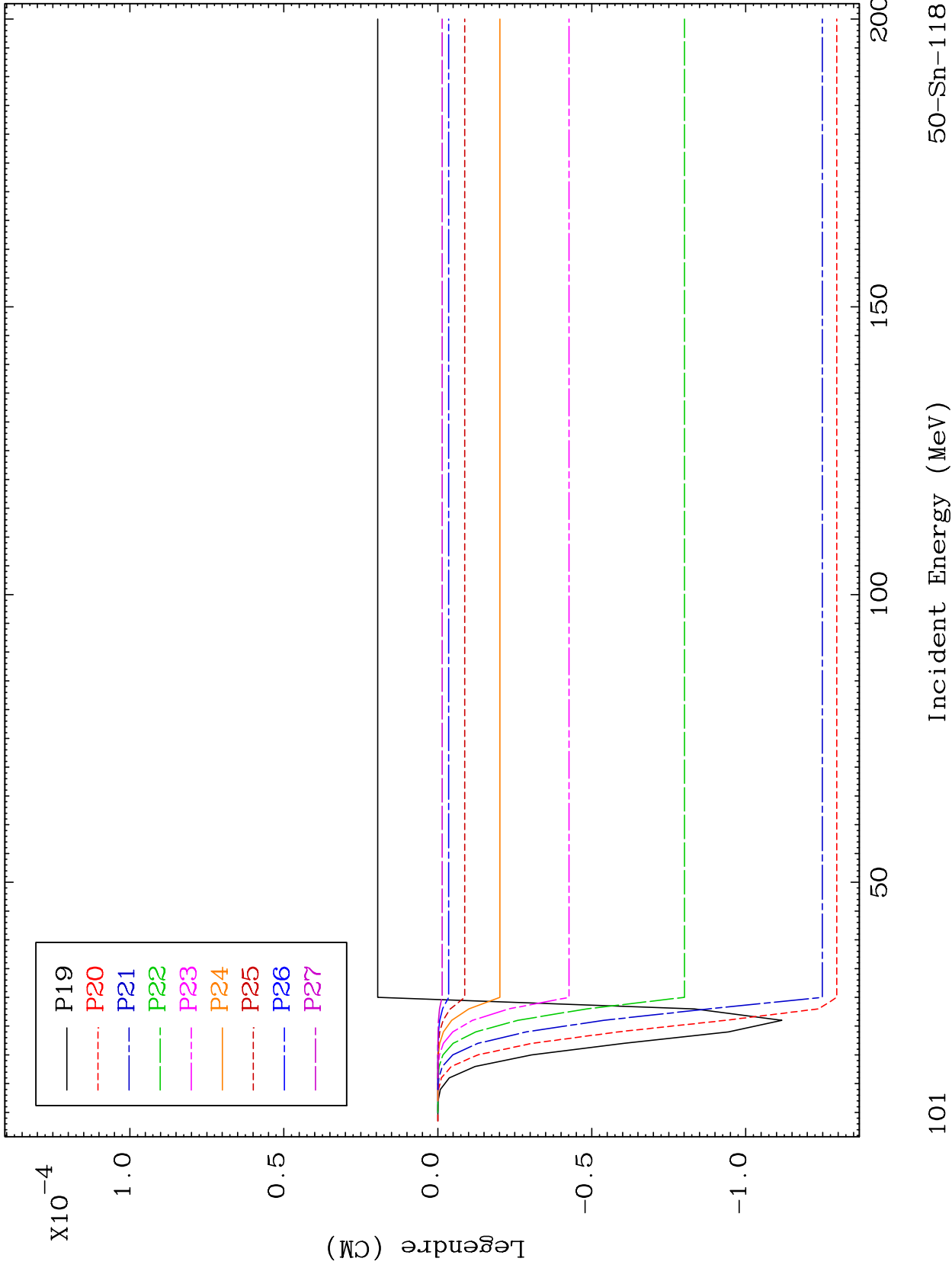
50-Sn-118

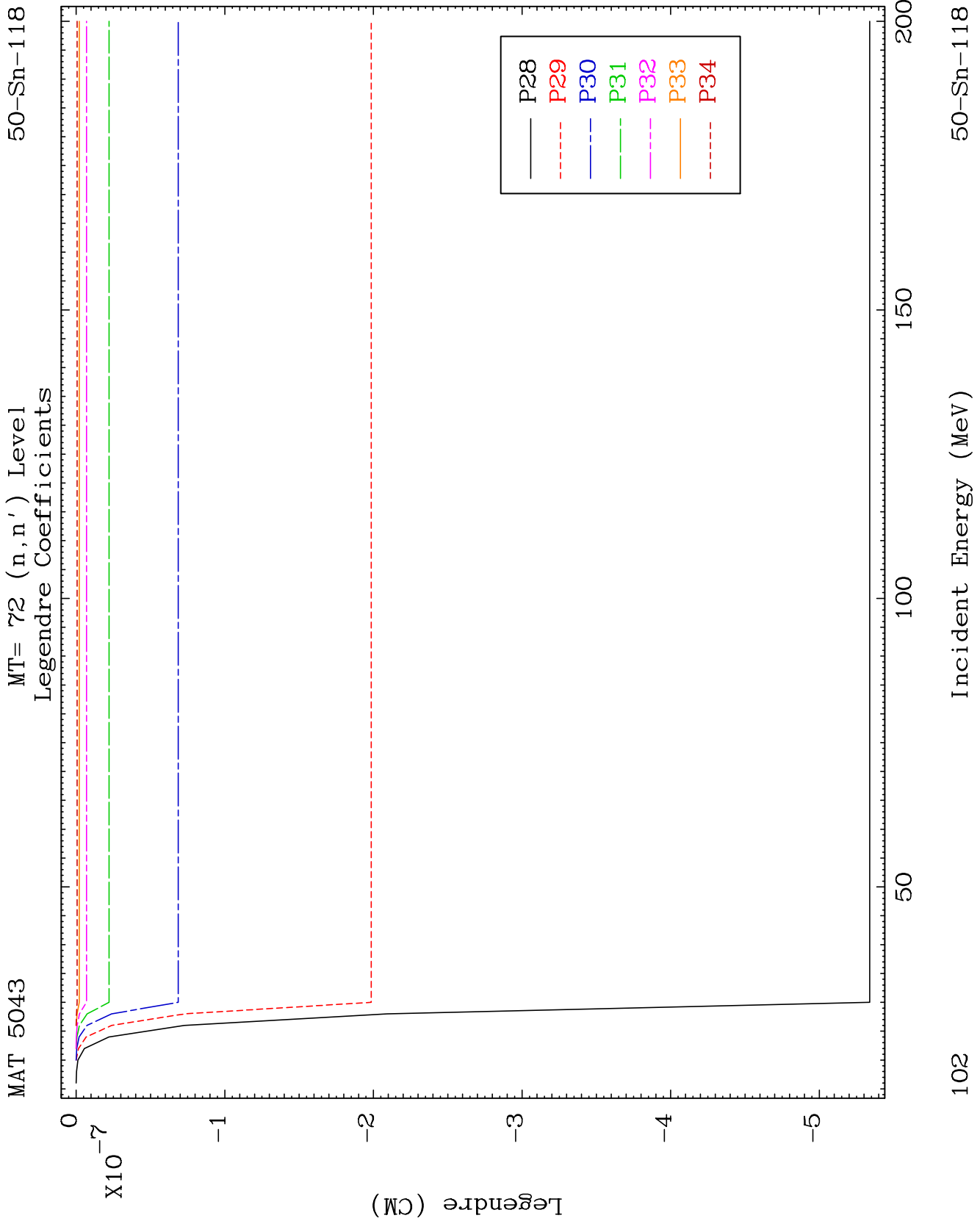


MAT 5043

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

50-Sn-118

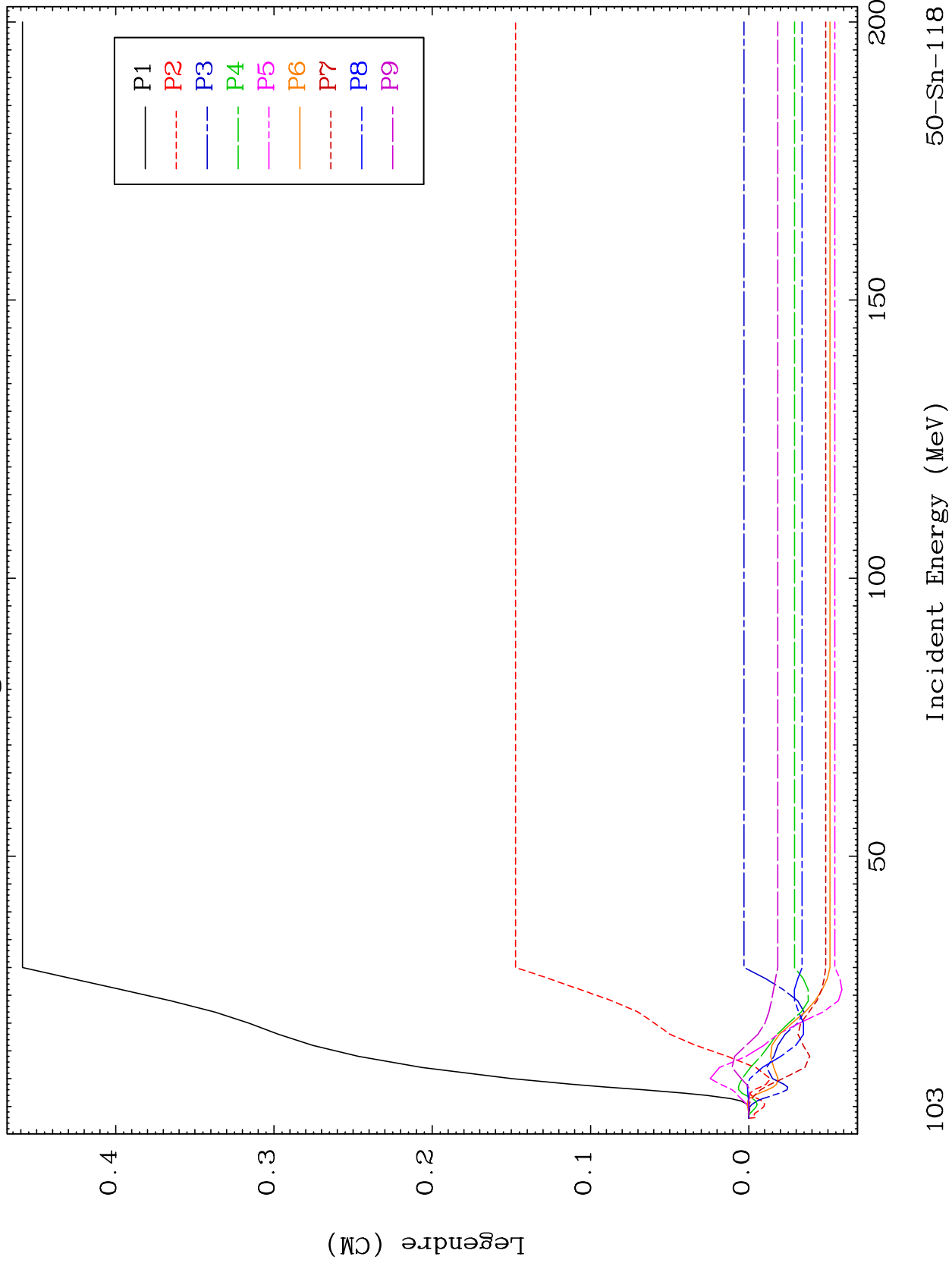




MAT 5043

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

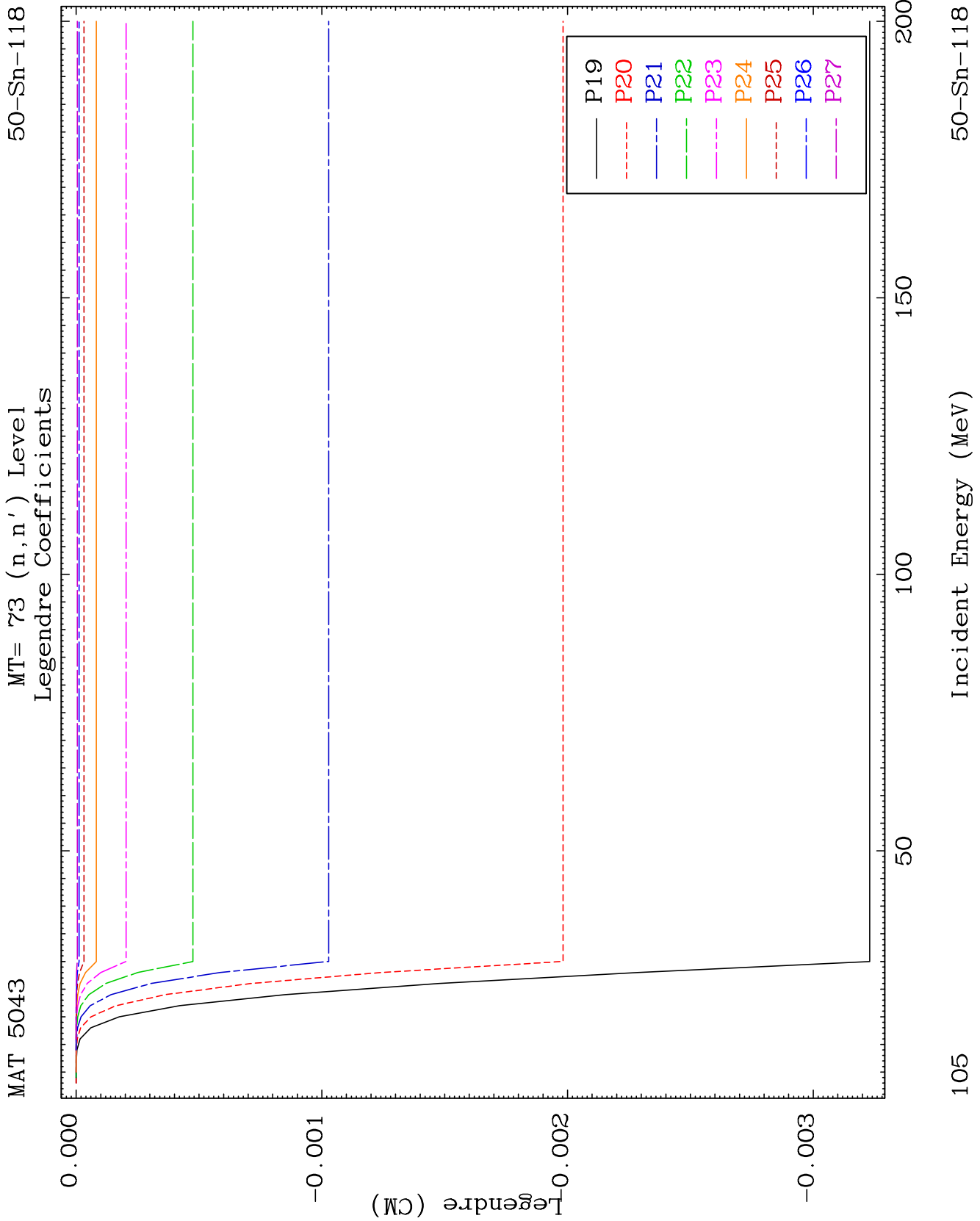
50-Sn-118

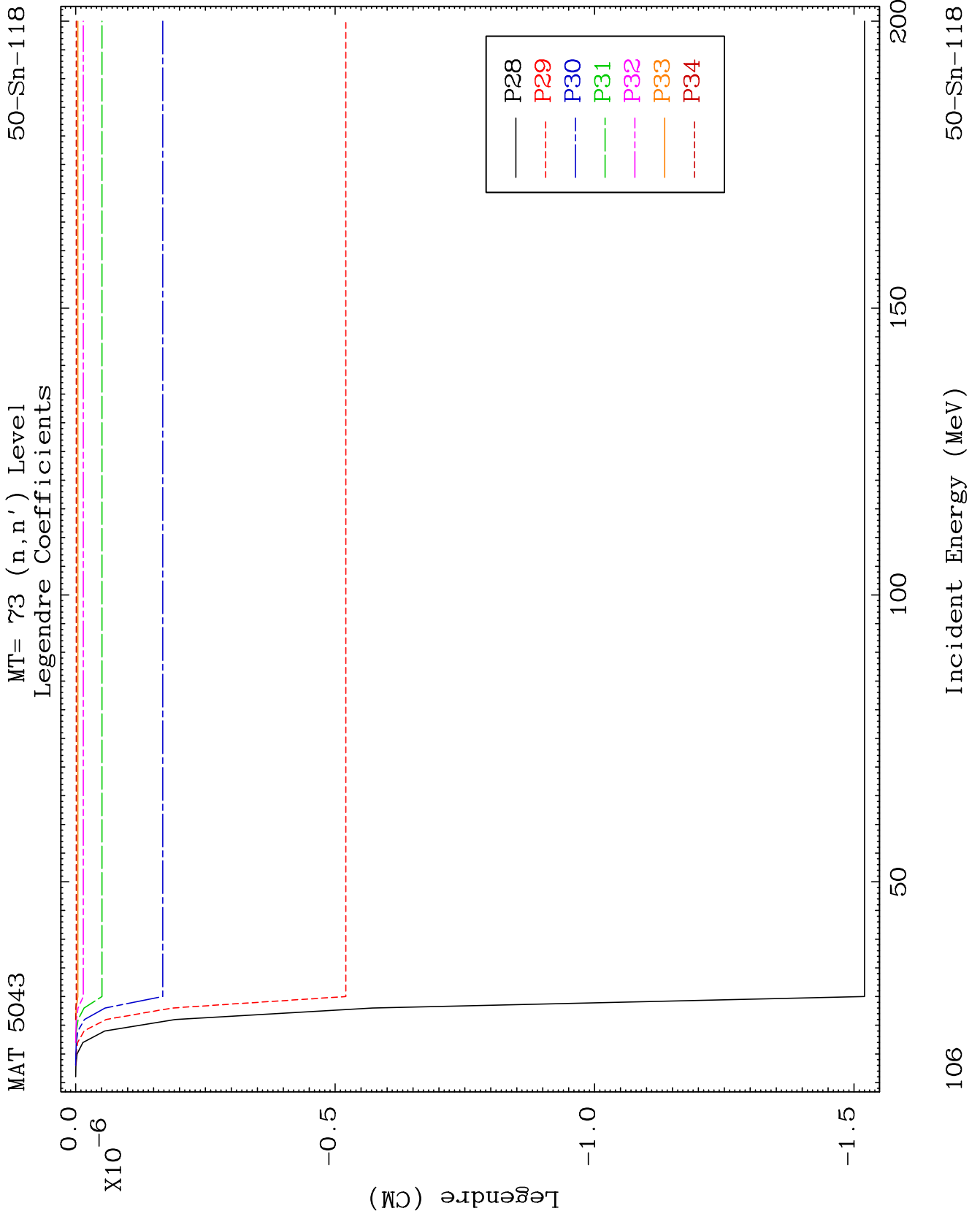


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Incident Energy (MeV)

50-Sn-118

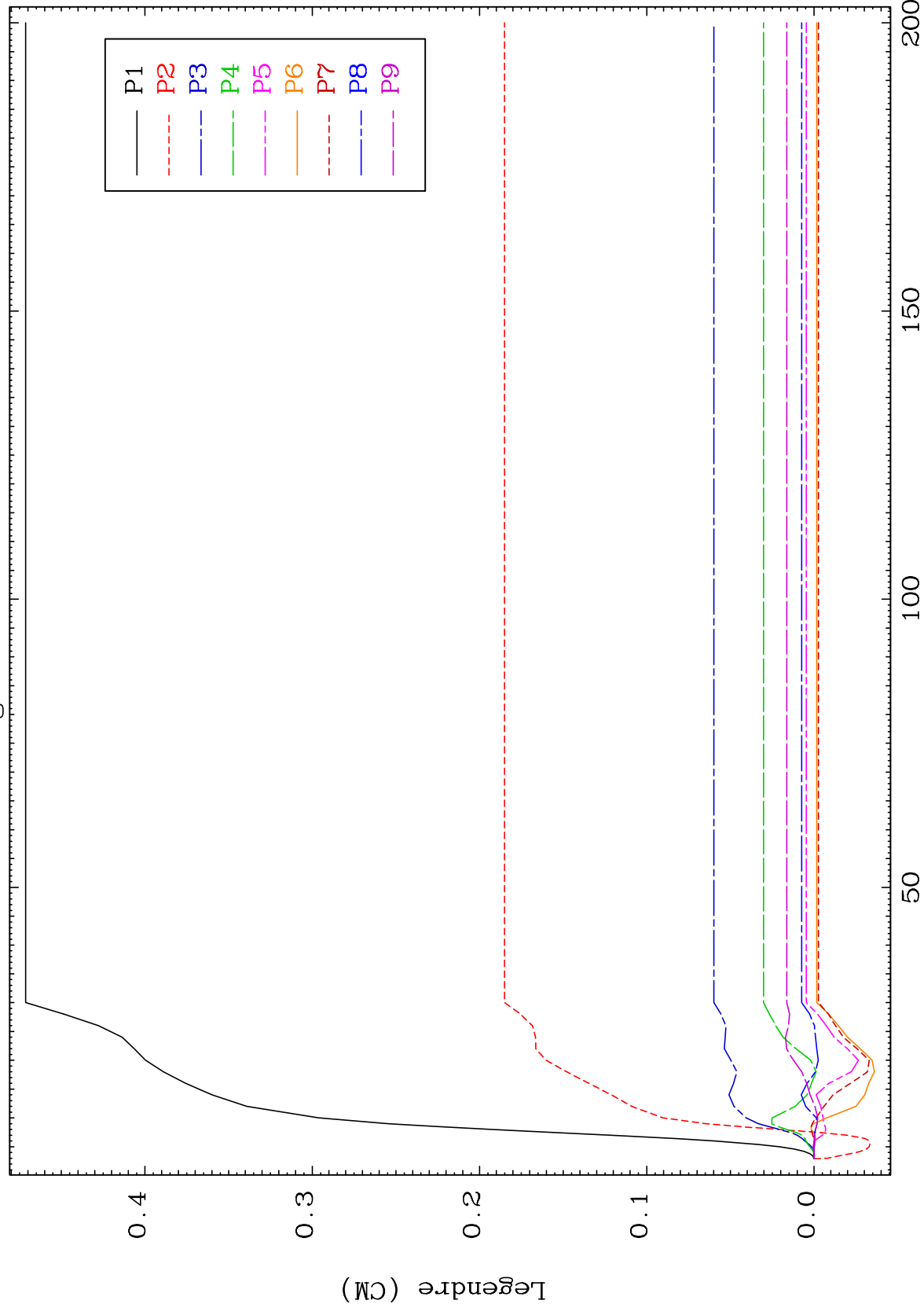




MAT 5043

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

50-Sn-118



107

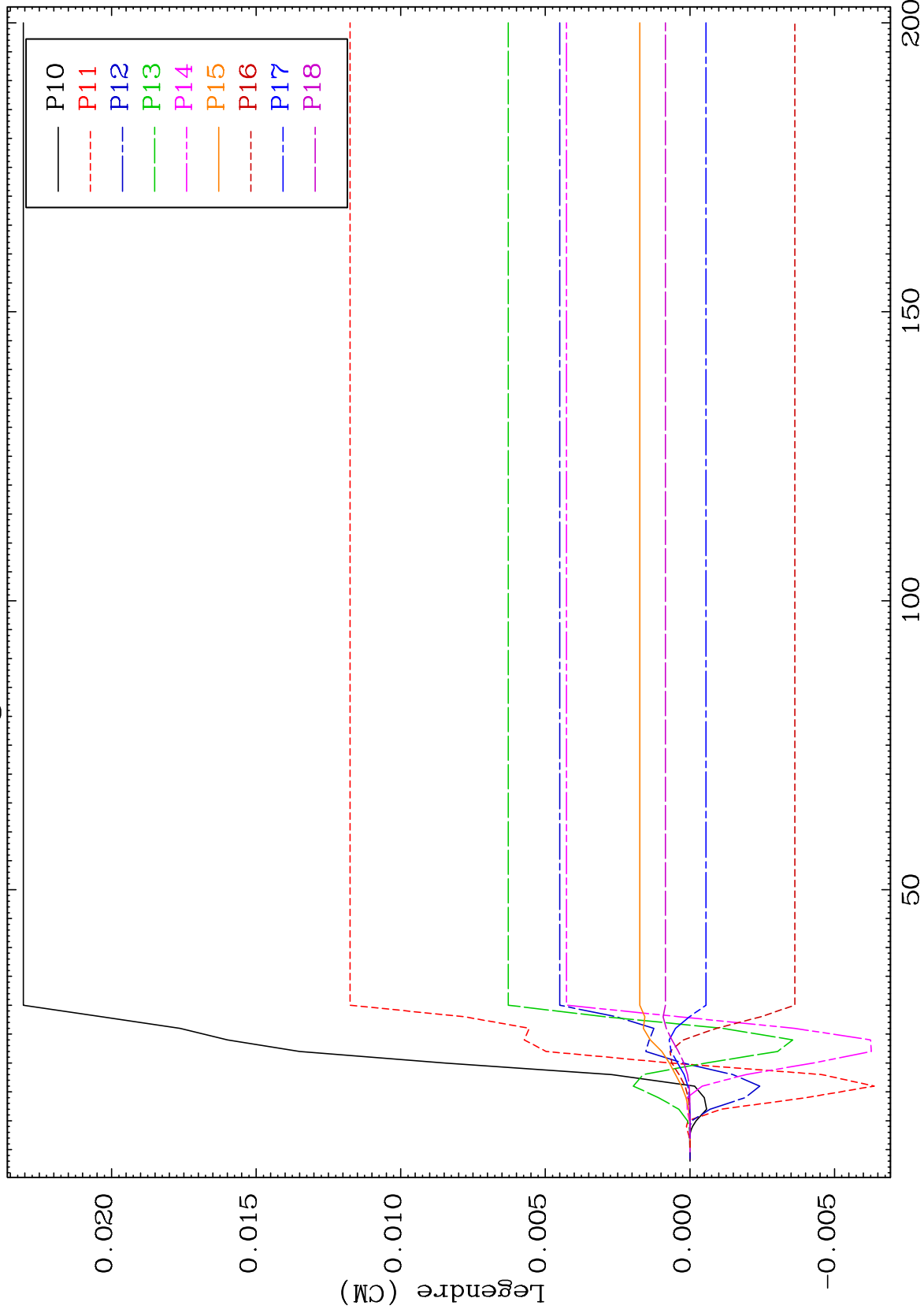
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



108

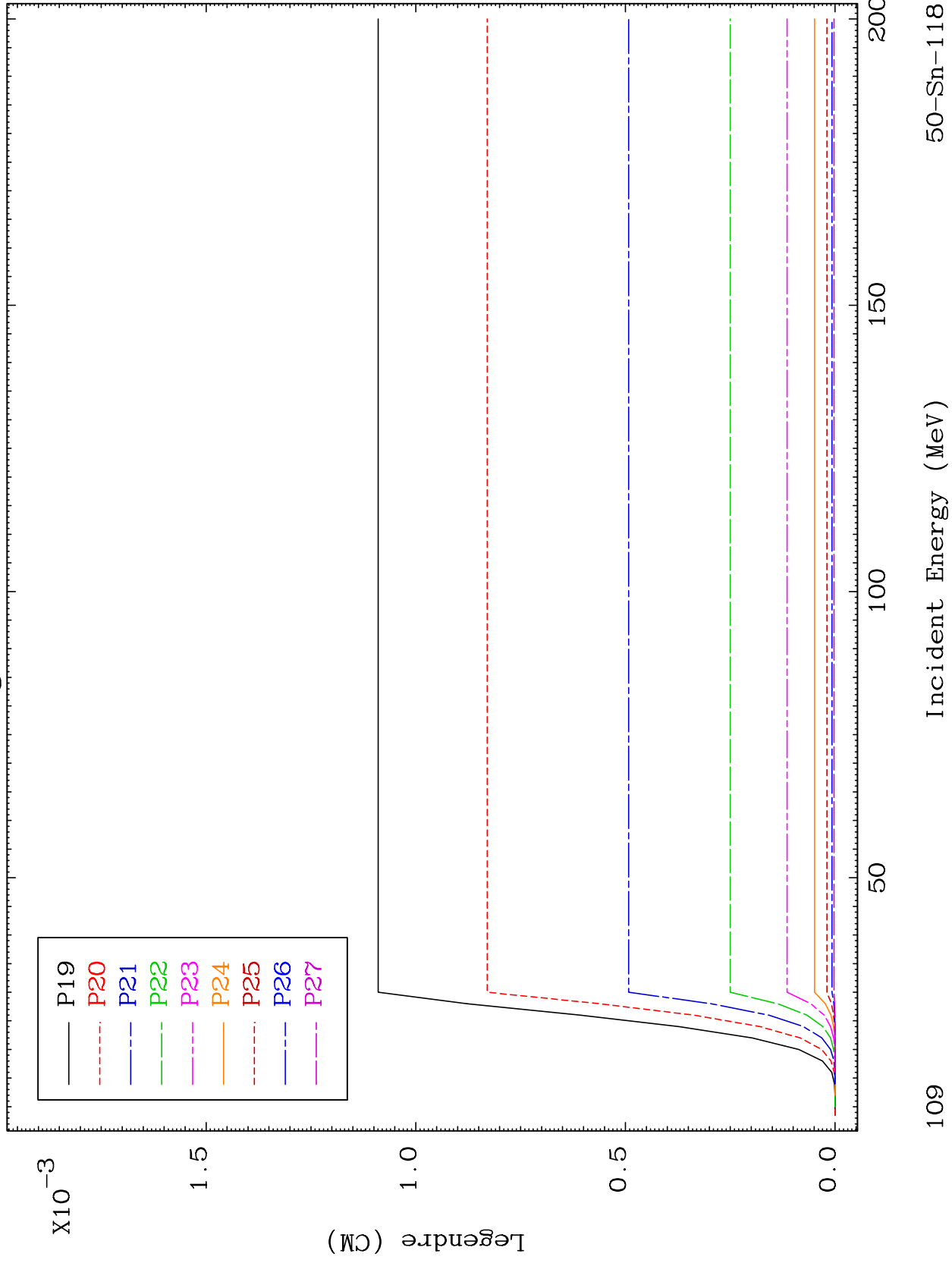
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118

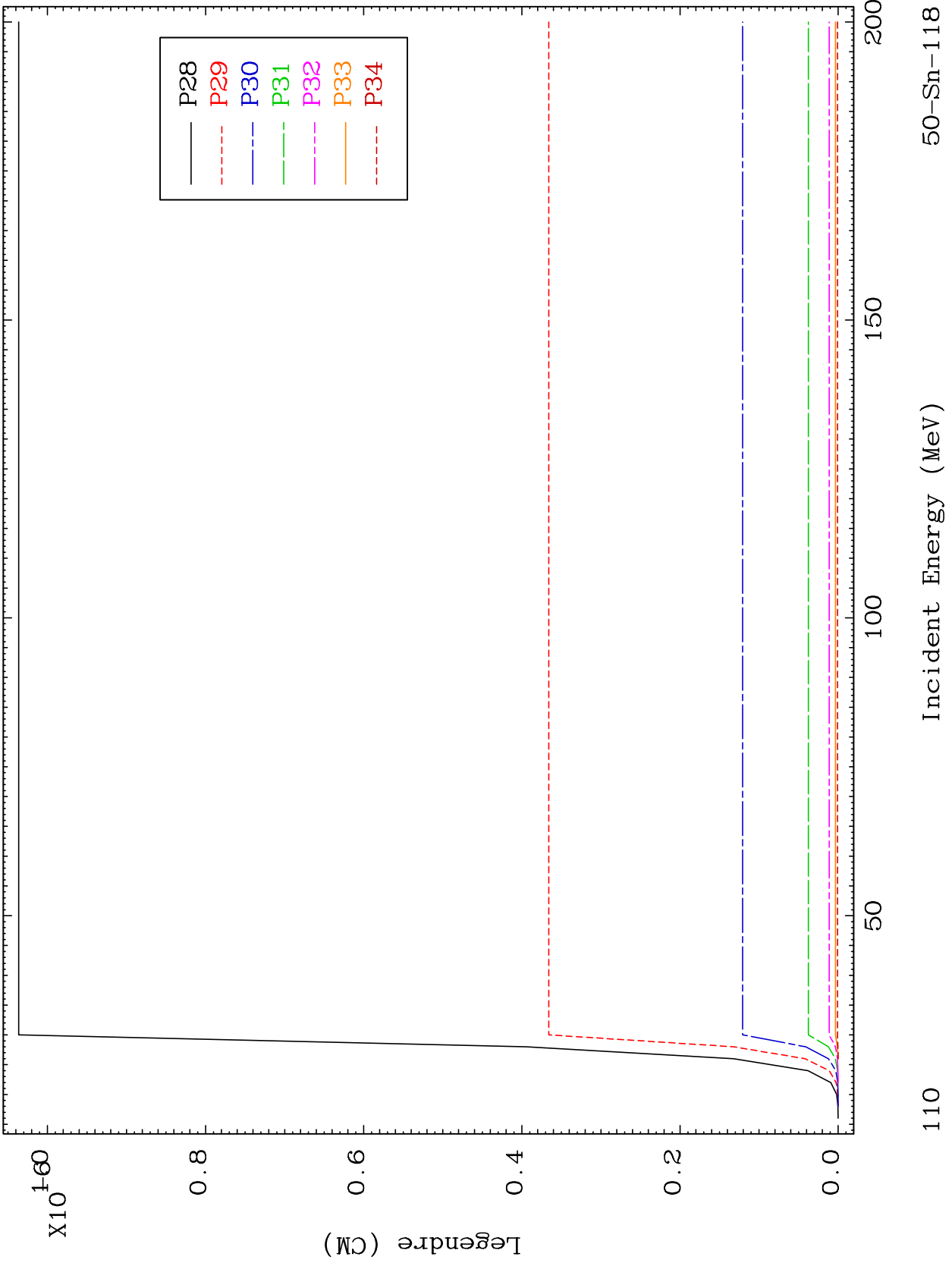


109

MAT 5043

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

50-Sn-118



110

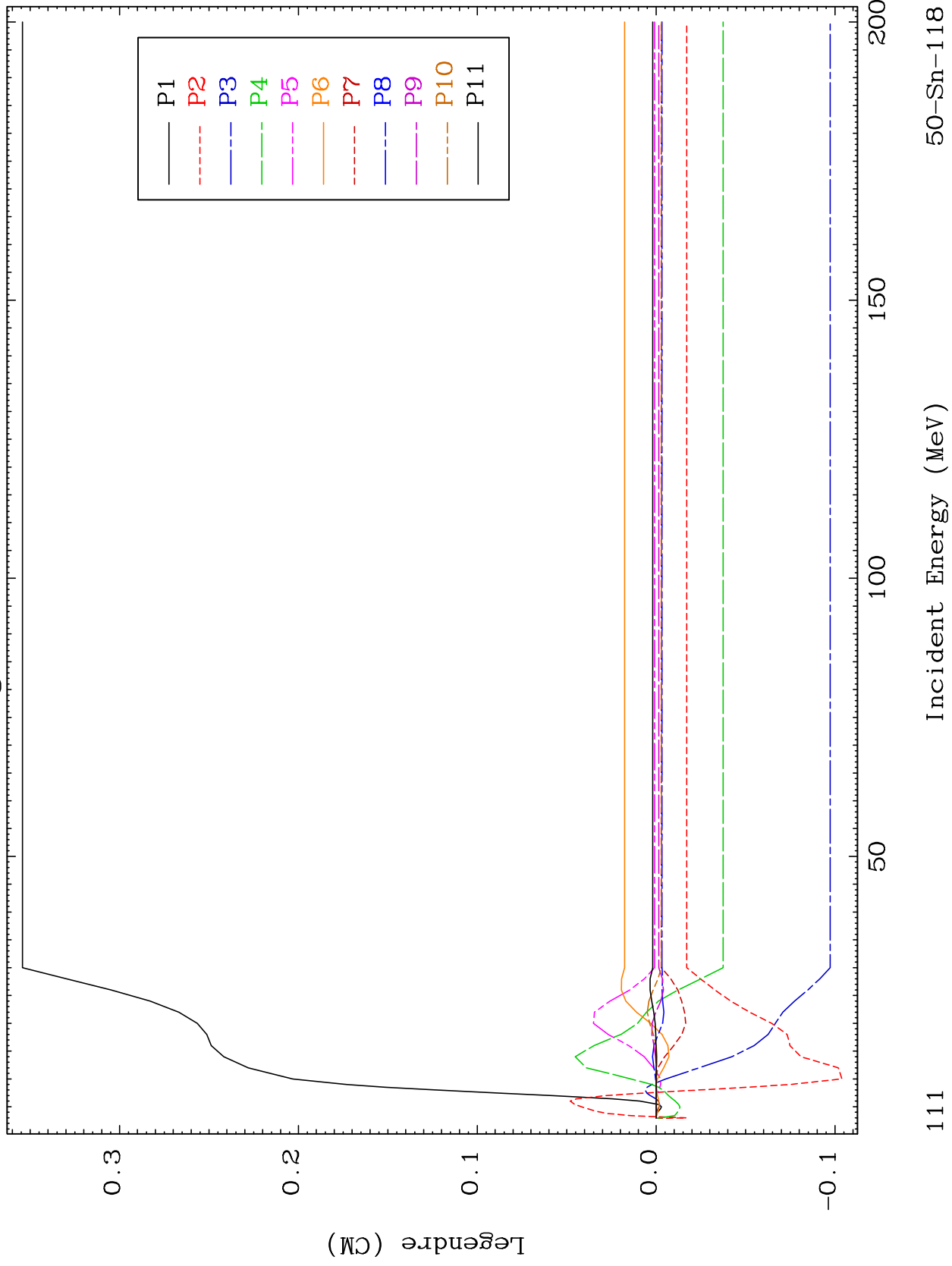
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



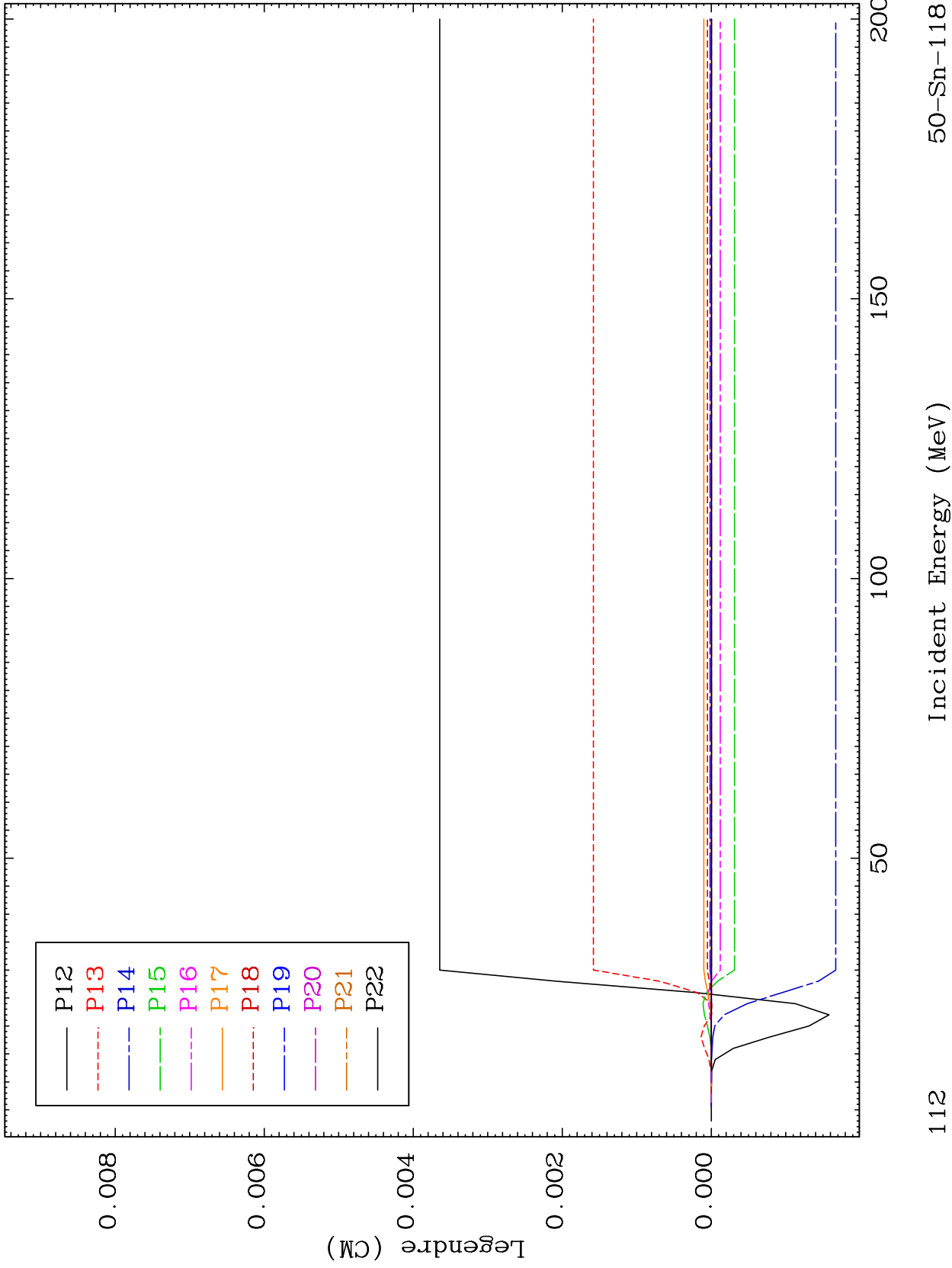
111

50-Sn-118

MAT 5043

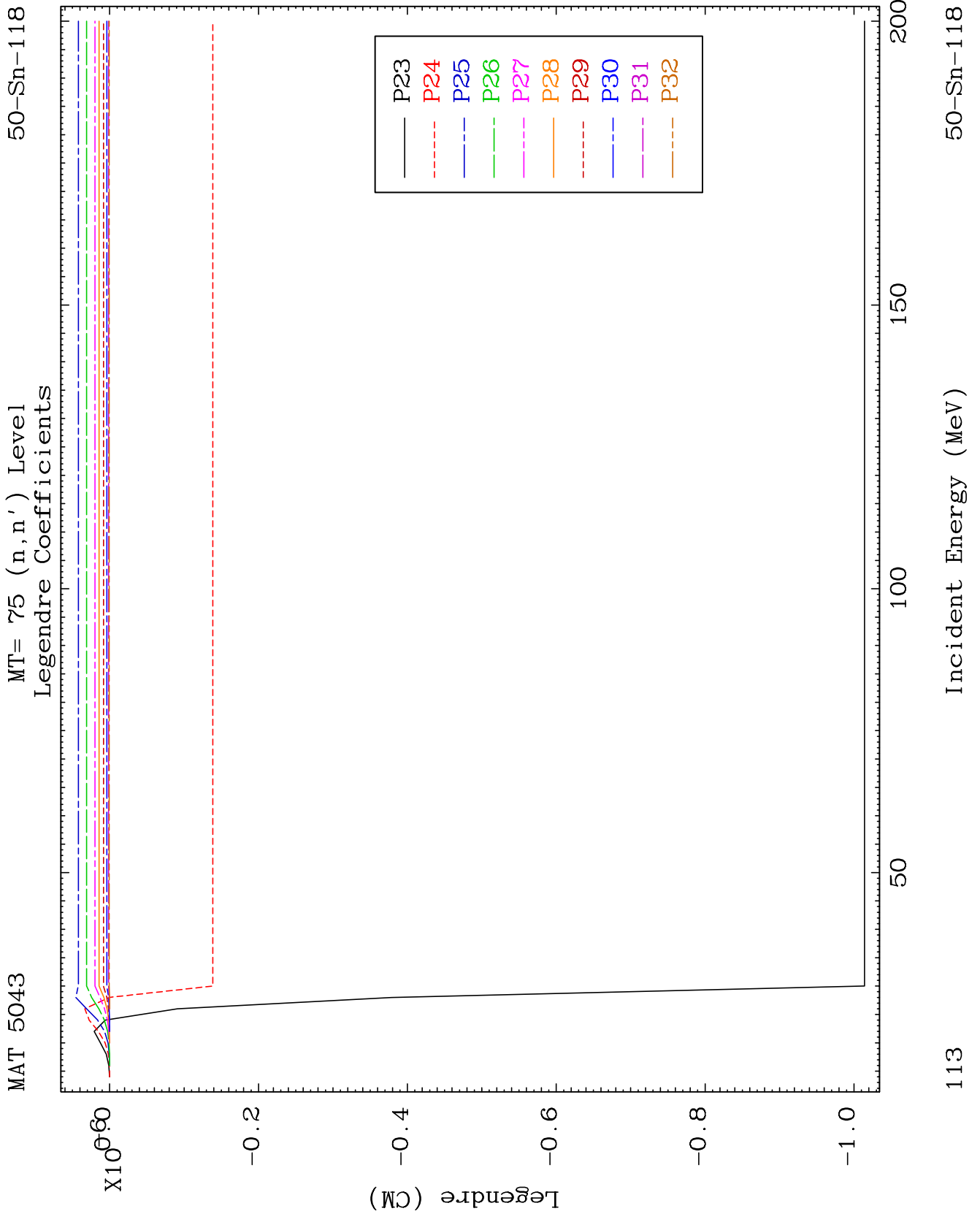
MT= 75 (n,n') Level
Legendre Coefficients

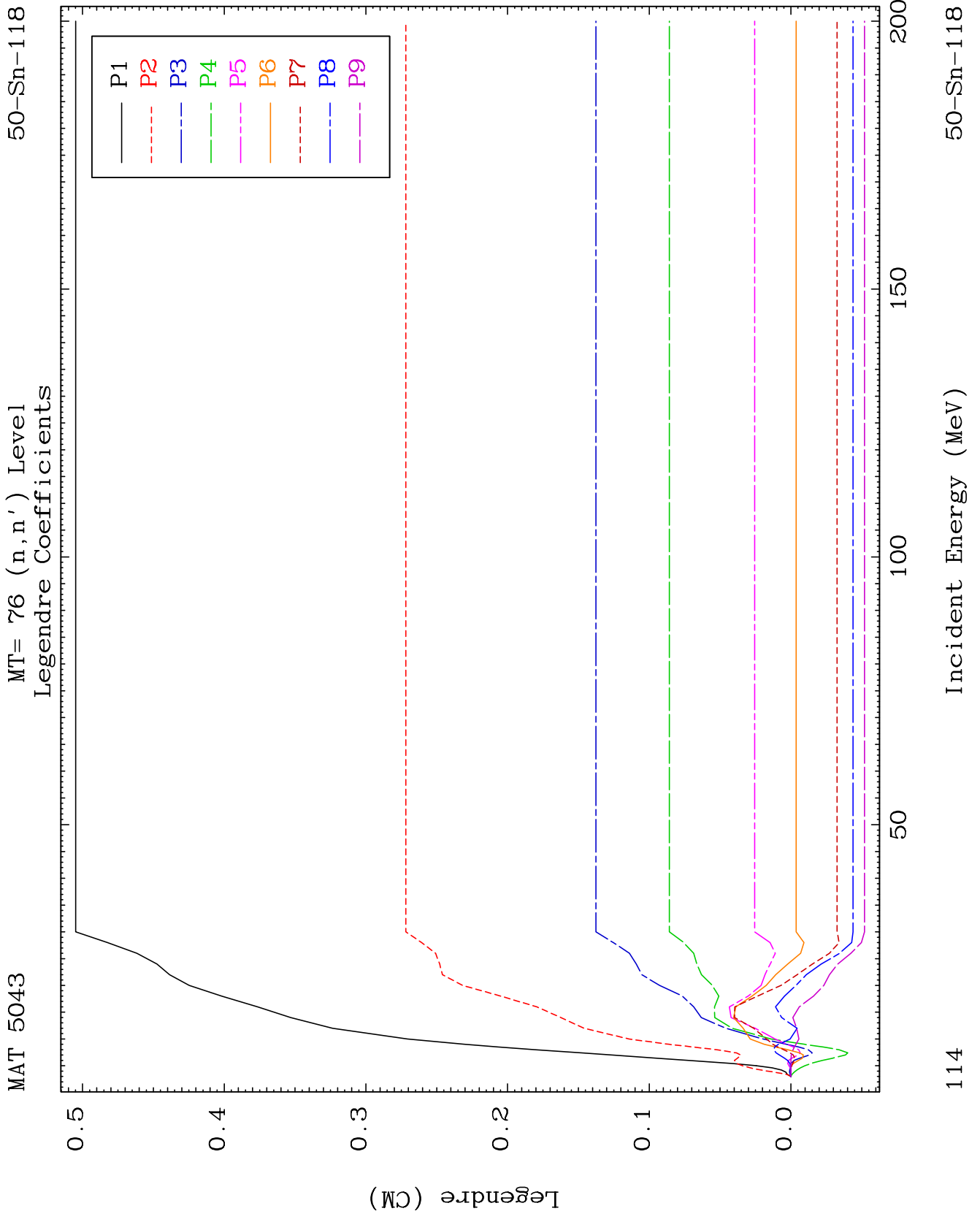
50-Sn-118



112

50-Sn-118

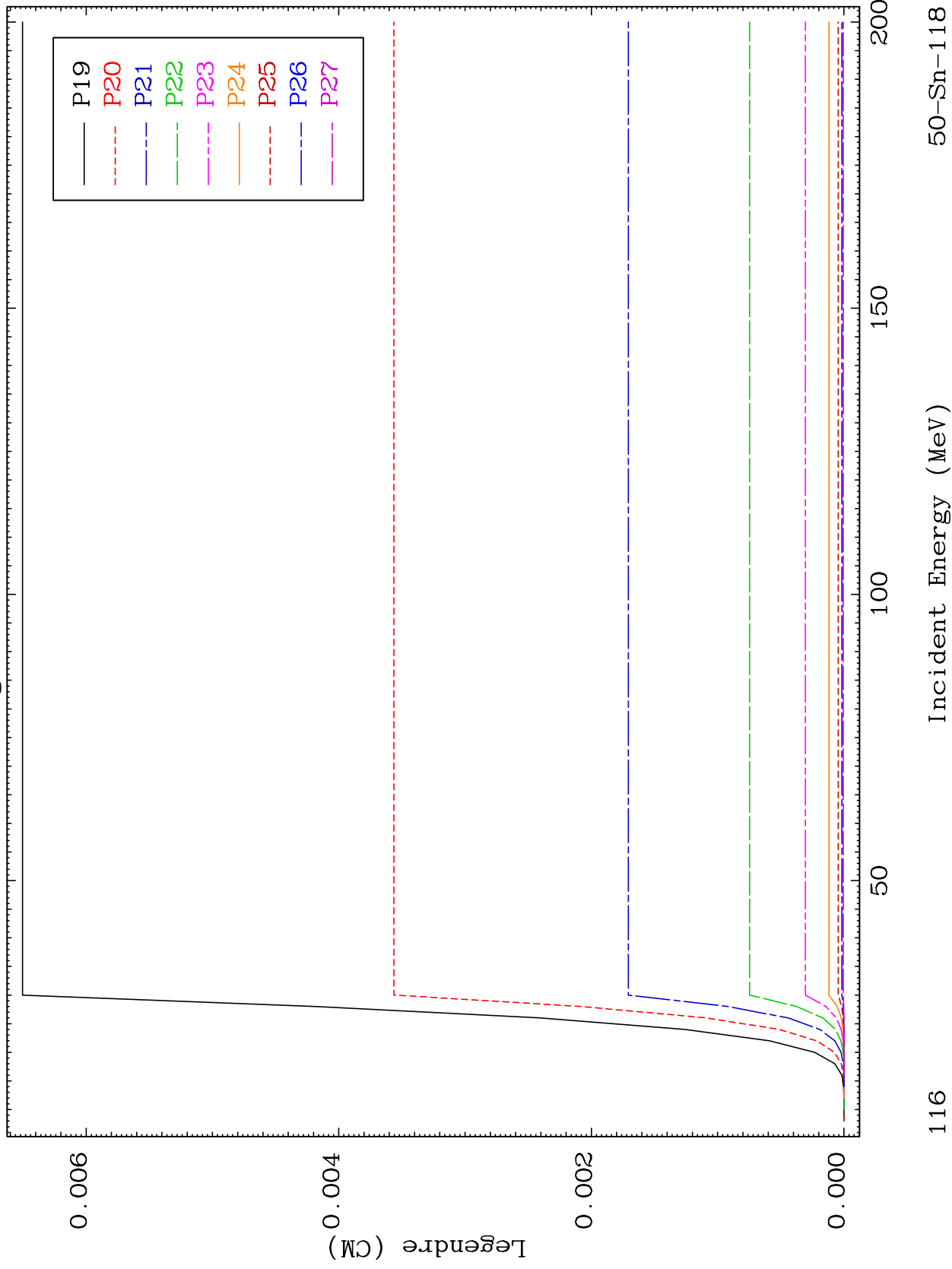




MAT 5043

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

50-Sn-118



116

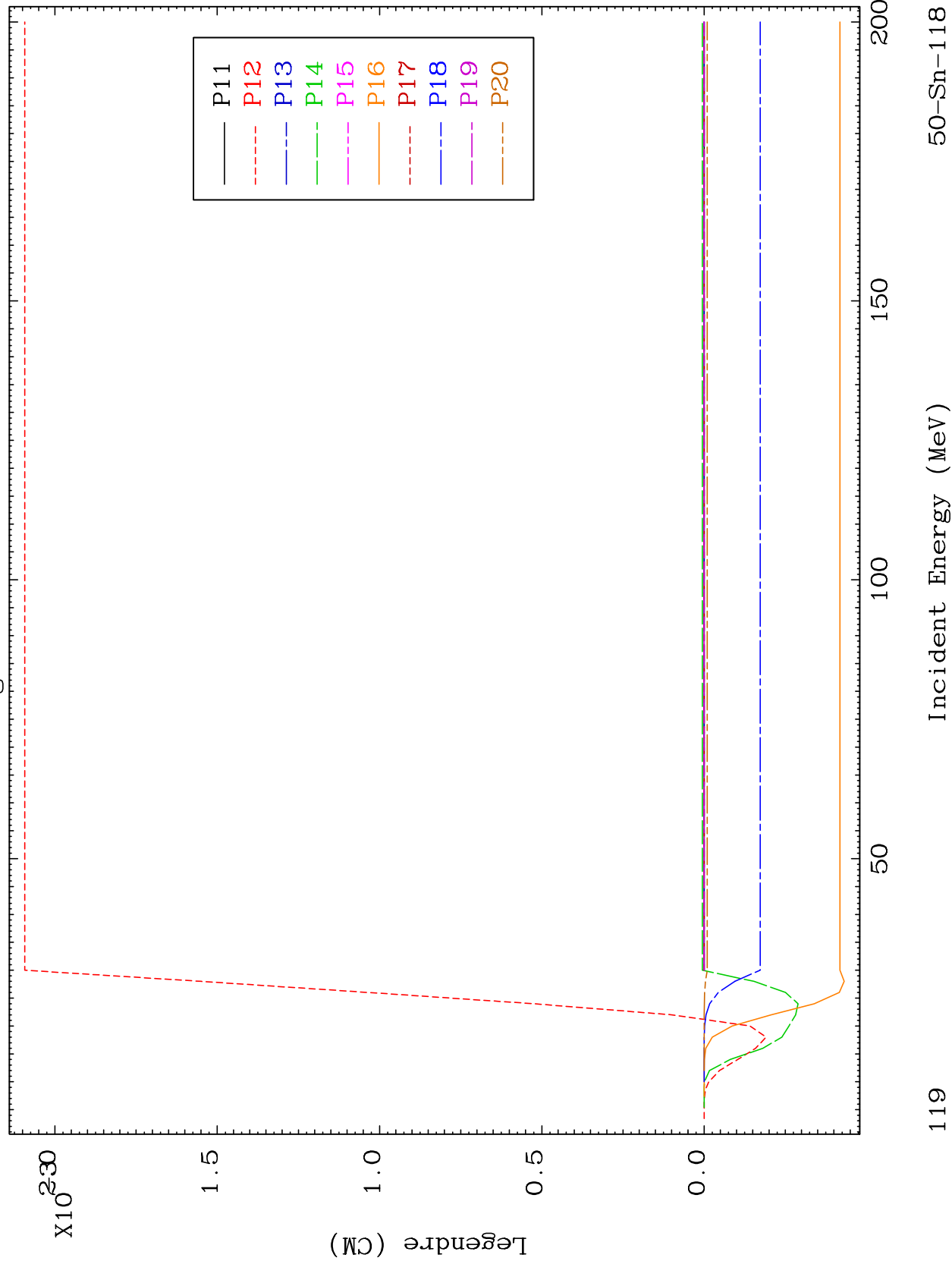
Incident Energy (MeV)

50-Sn-118

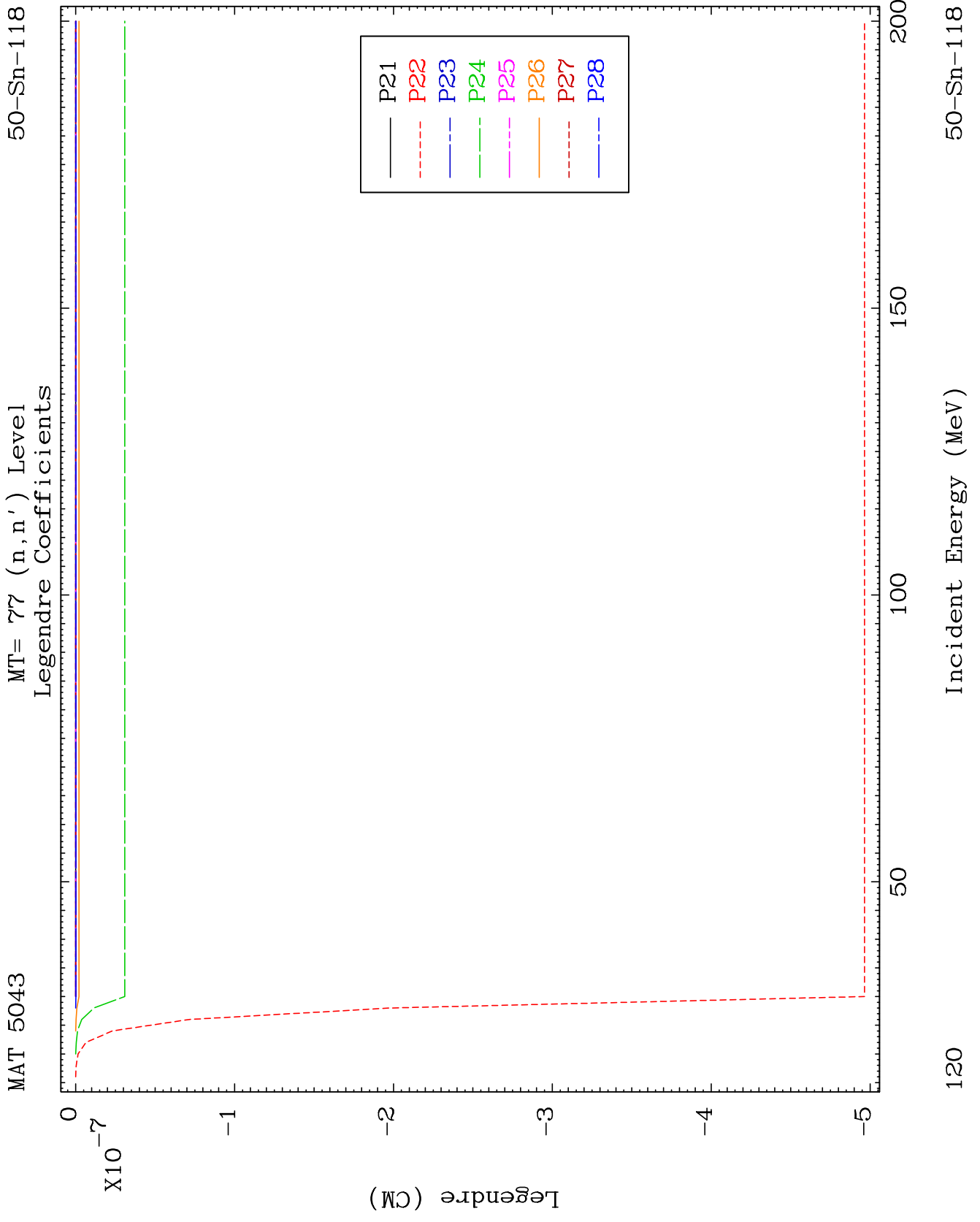
MAT 5043

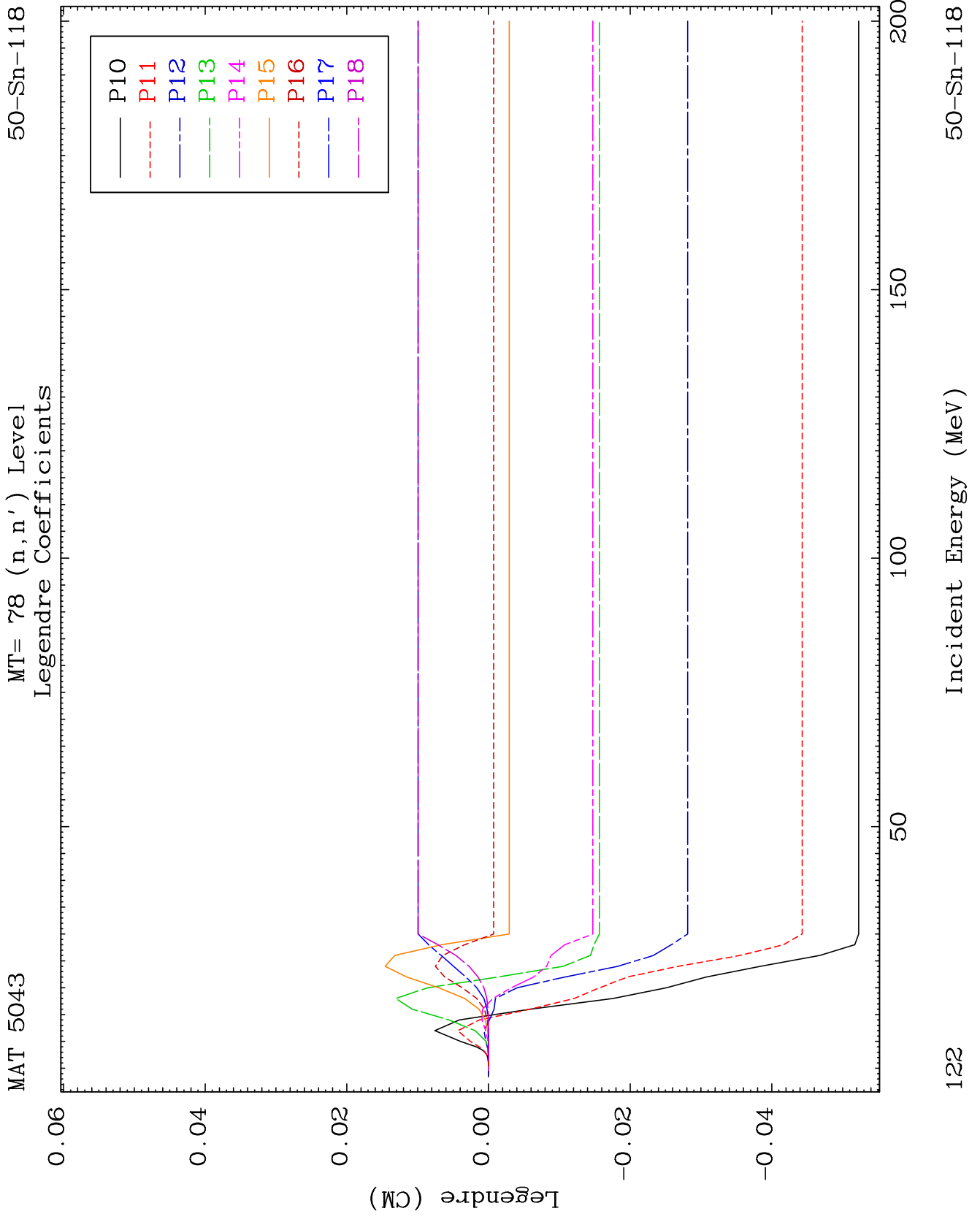
MT= 77 (n,n') Level
Legendre Coefficients

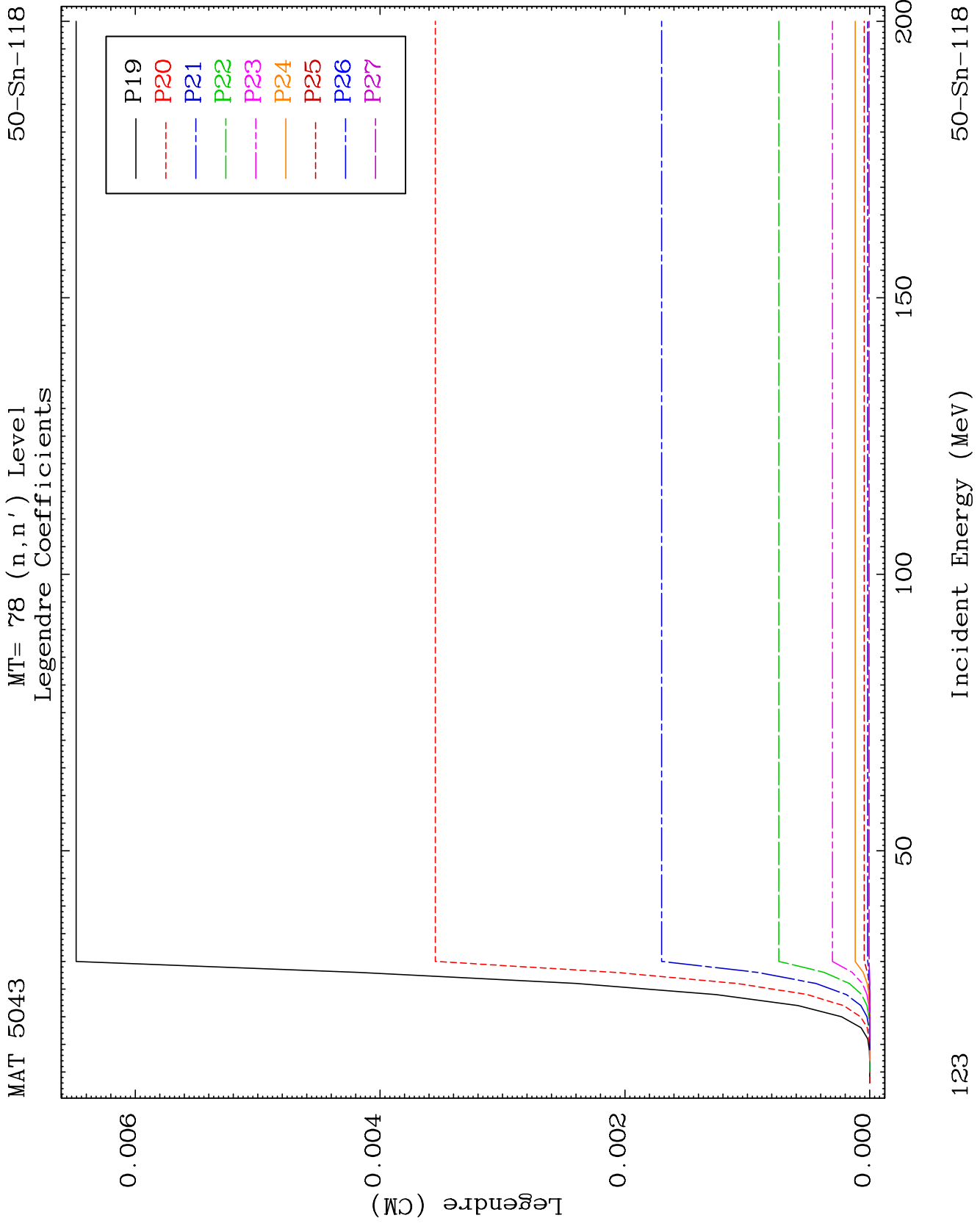
50-Sn-118



119



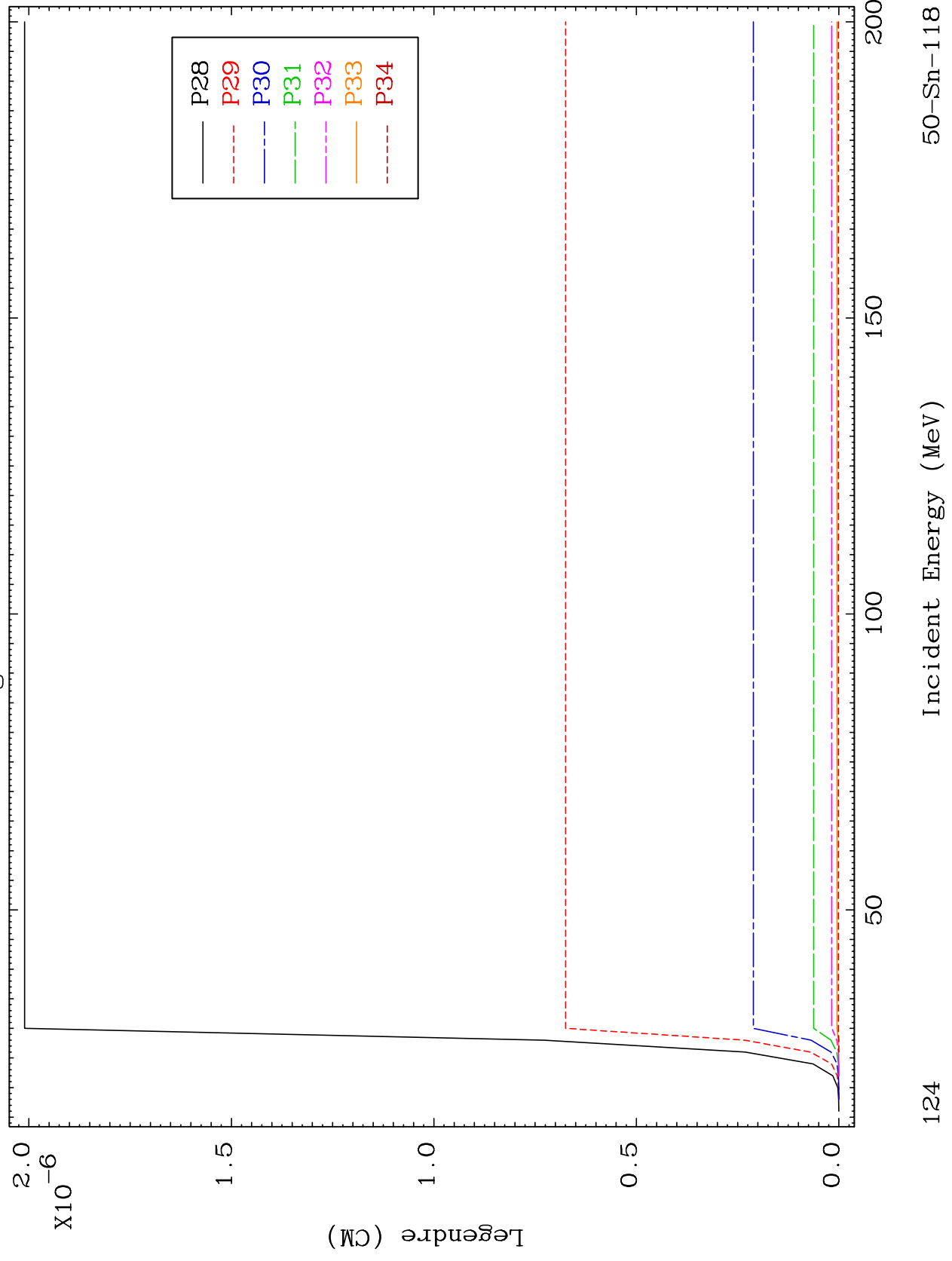




MAT 5043

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

50-Sn-118



124

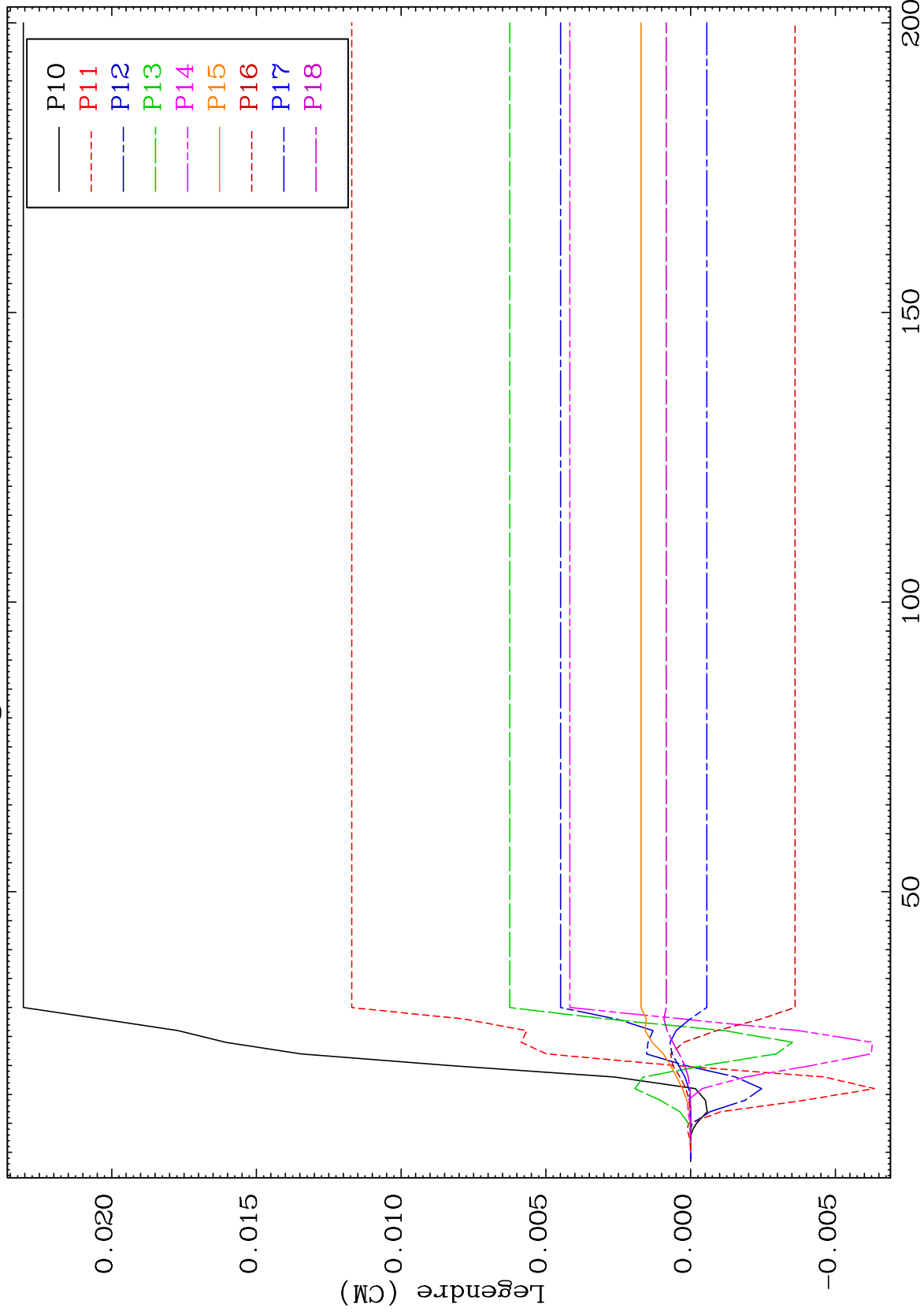
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



126

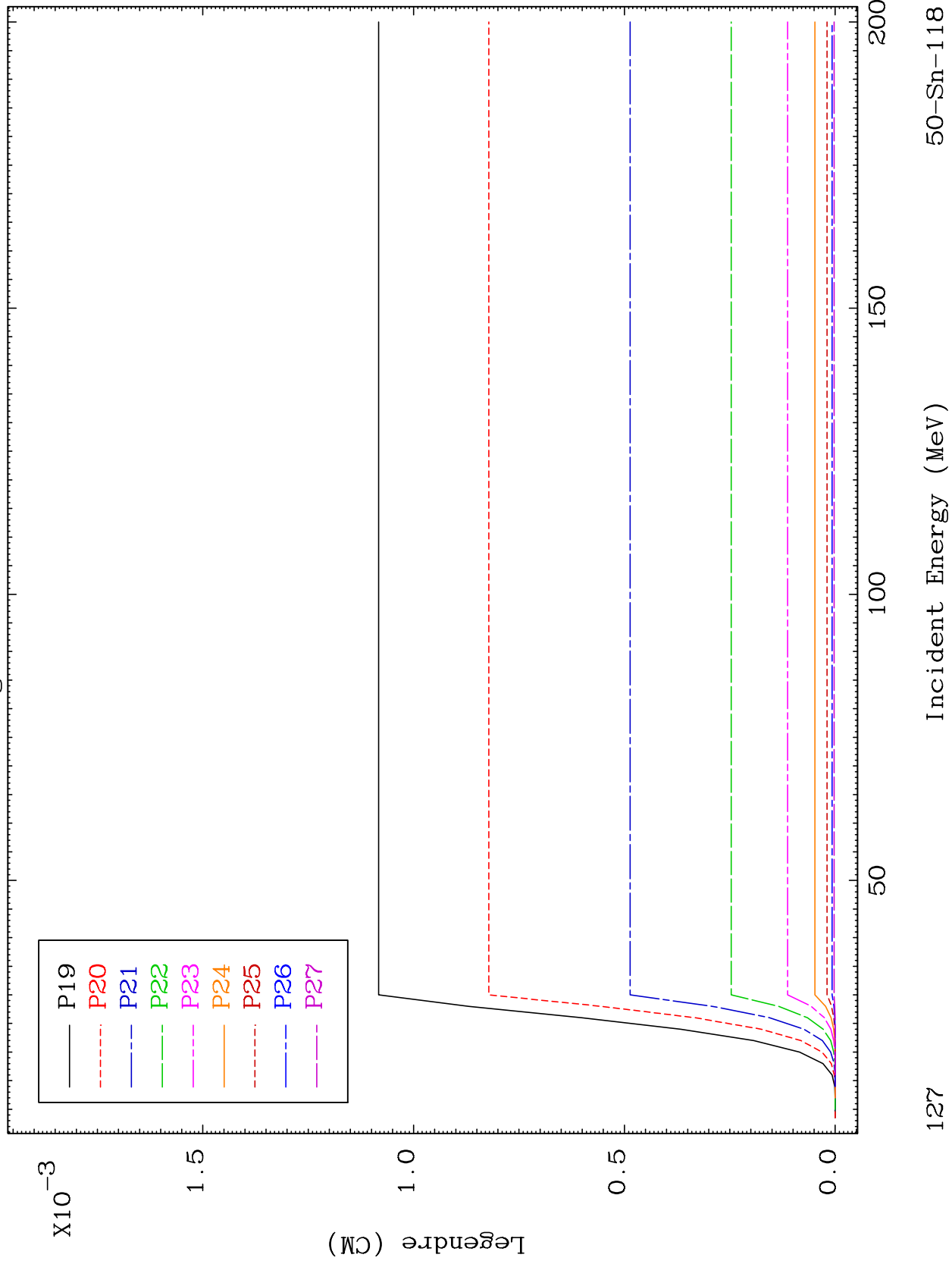
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

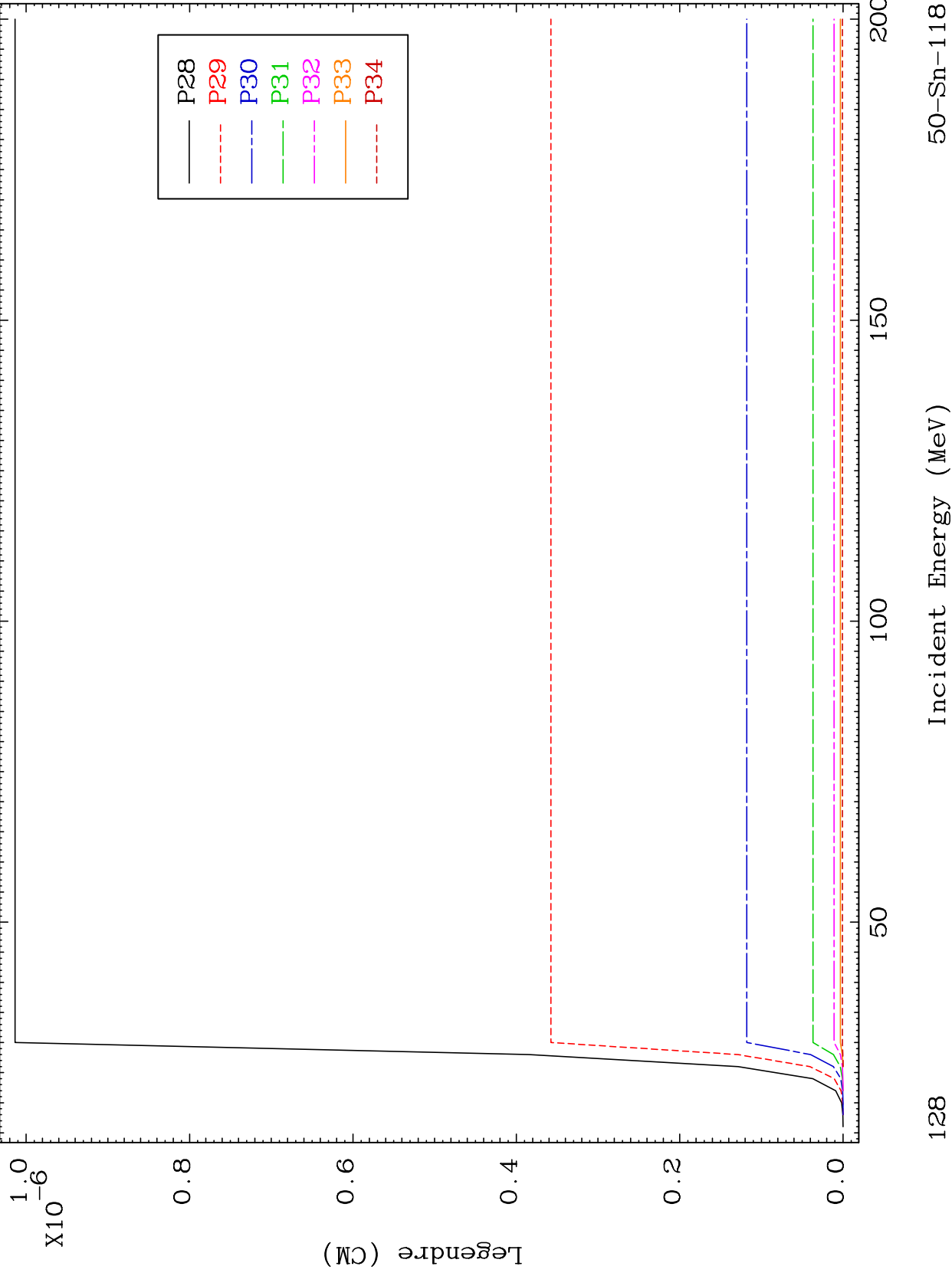
50-Sn-118



MAT 5043

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

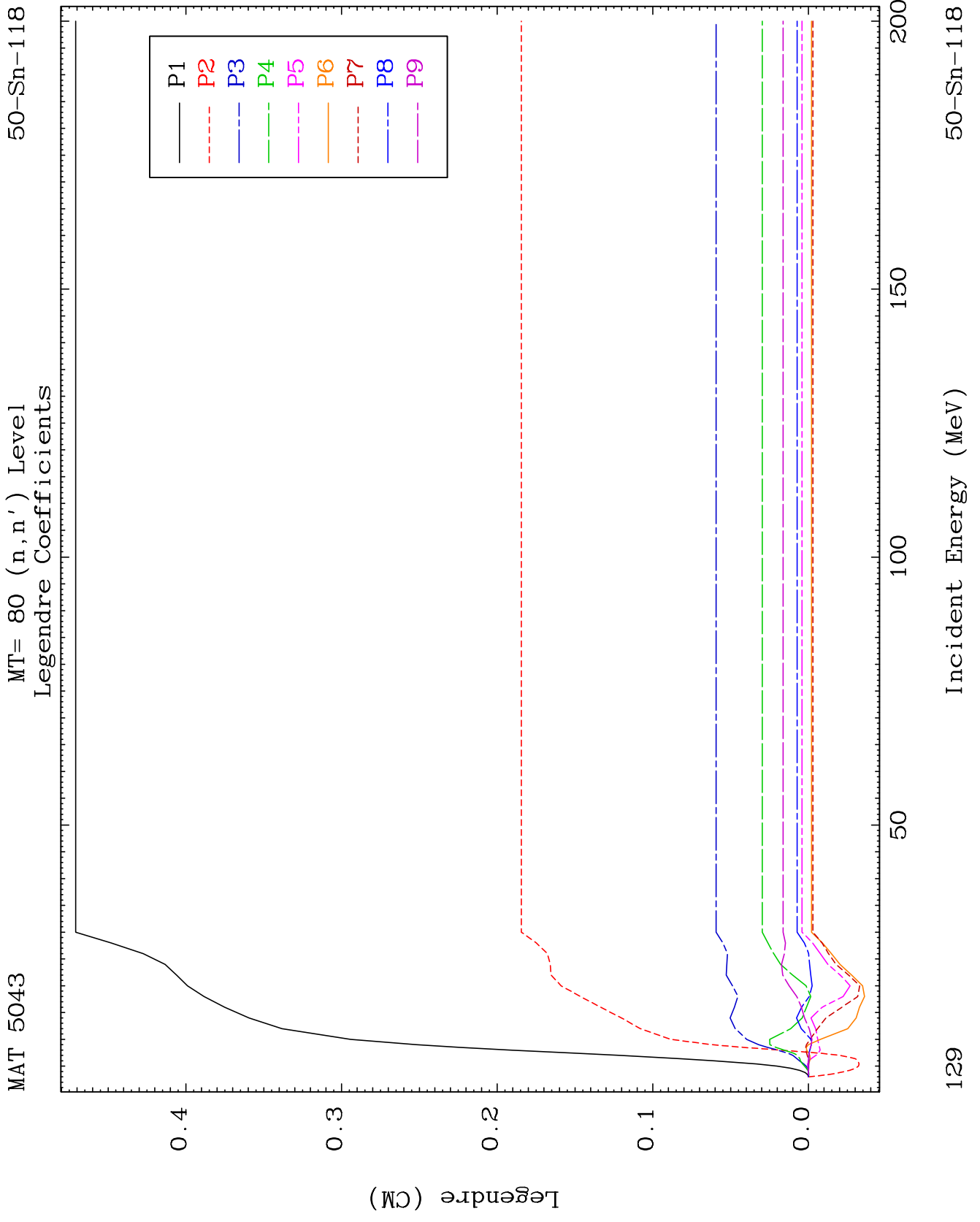
50-Sn-118



128

Incident Energy (MeV)

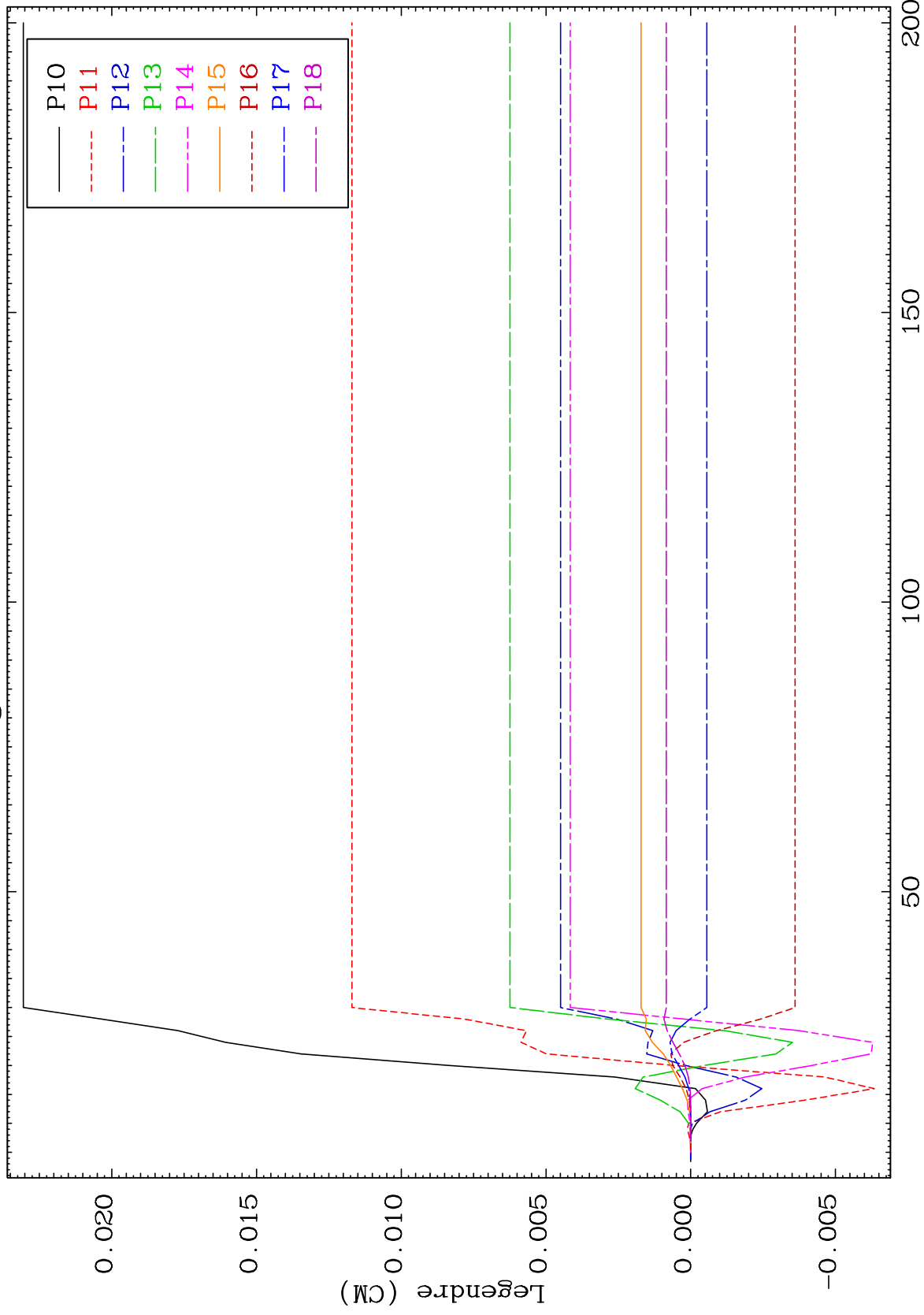
50-Sn-118



MAT 5043

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

50-Sn-118



130

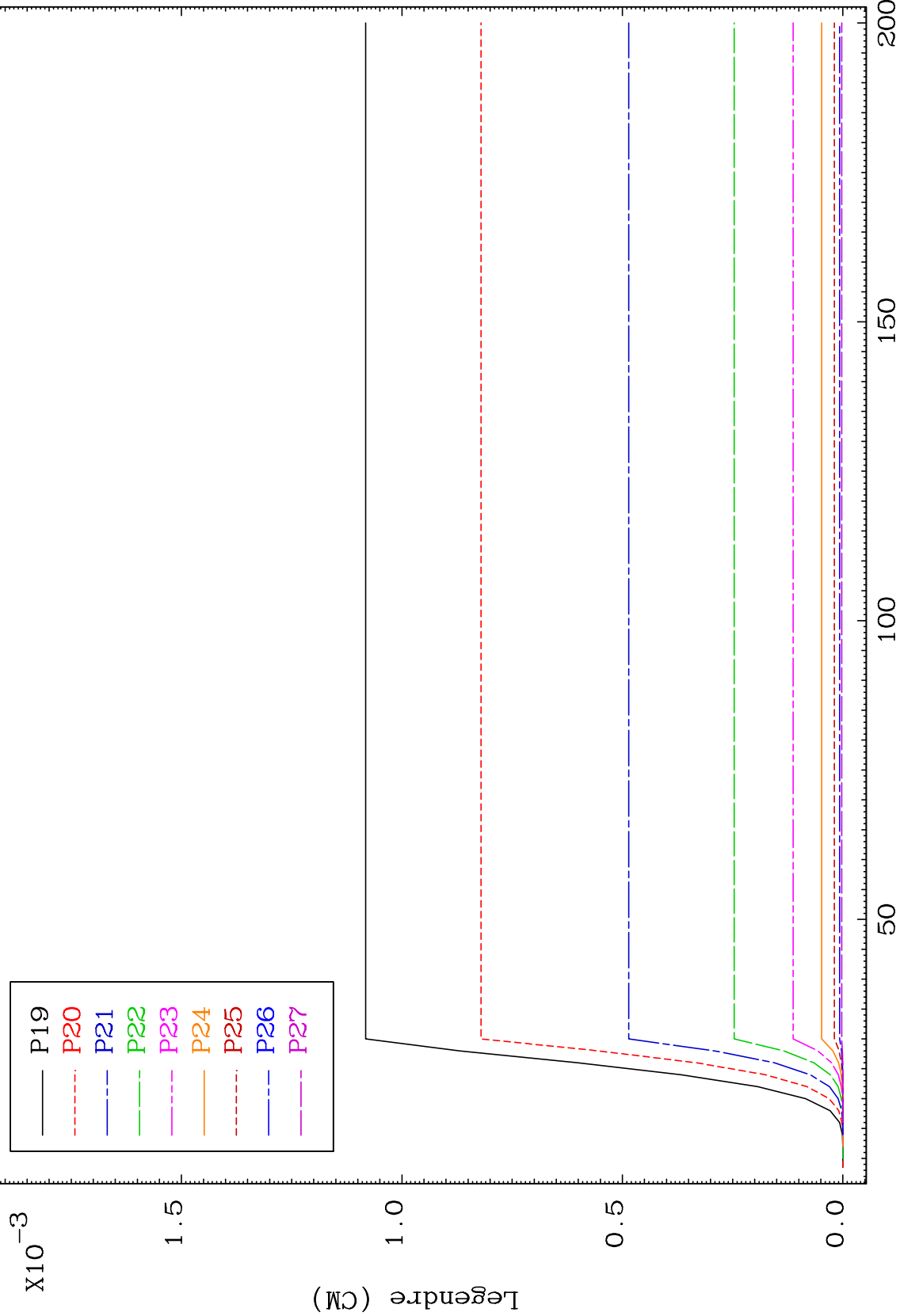
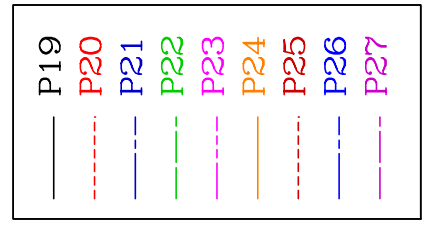
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

50-Sn-118



131

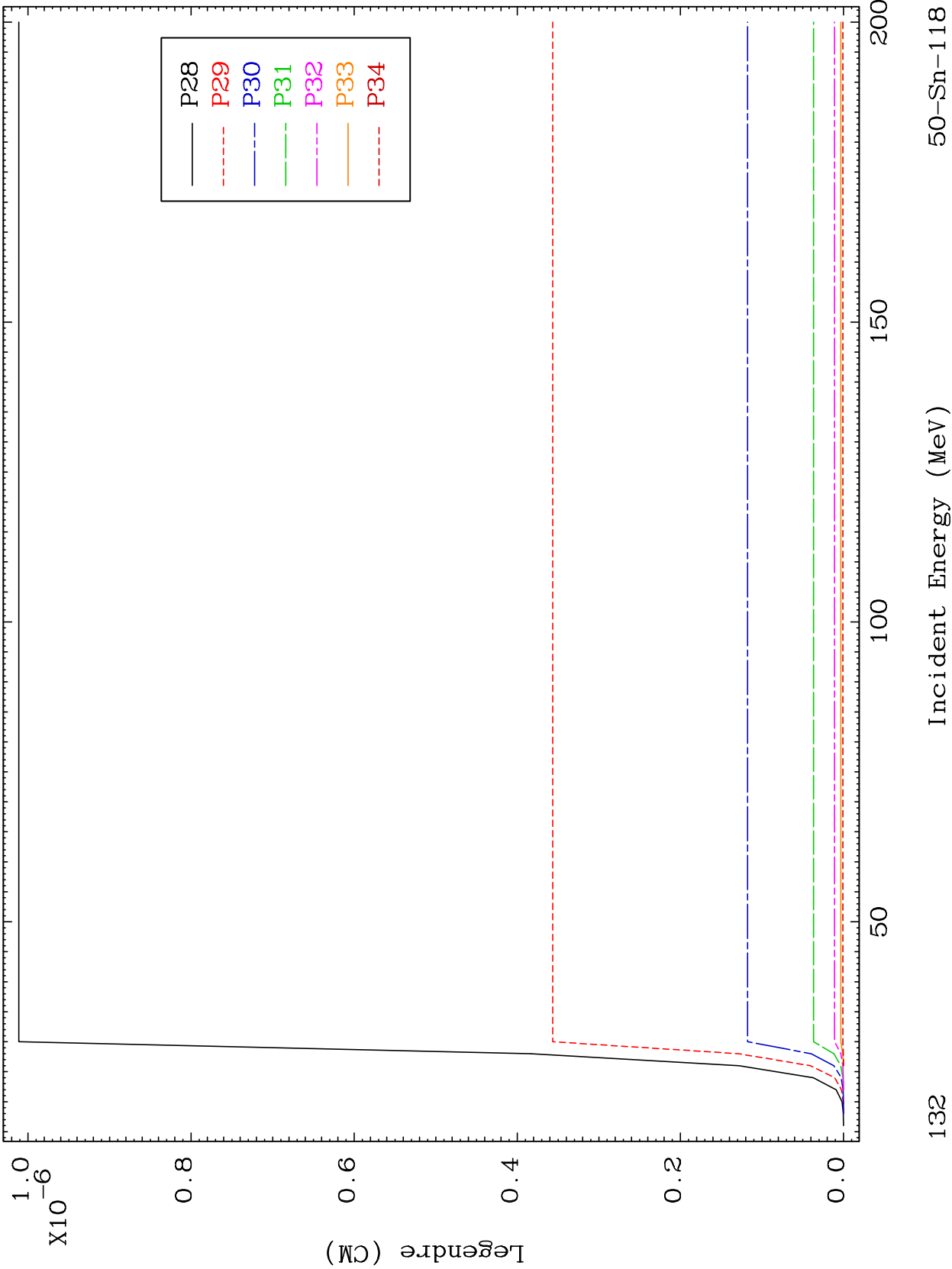
Incident Energy (MeV)

50-Sn-118

MAT 5043

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

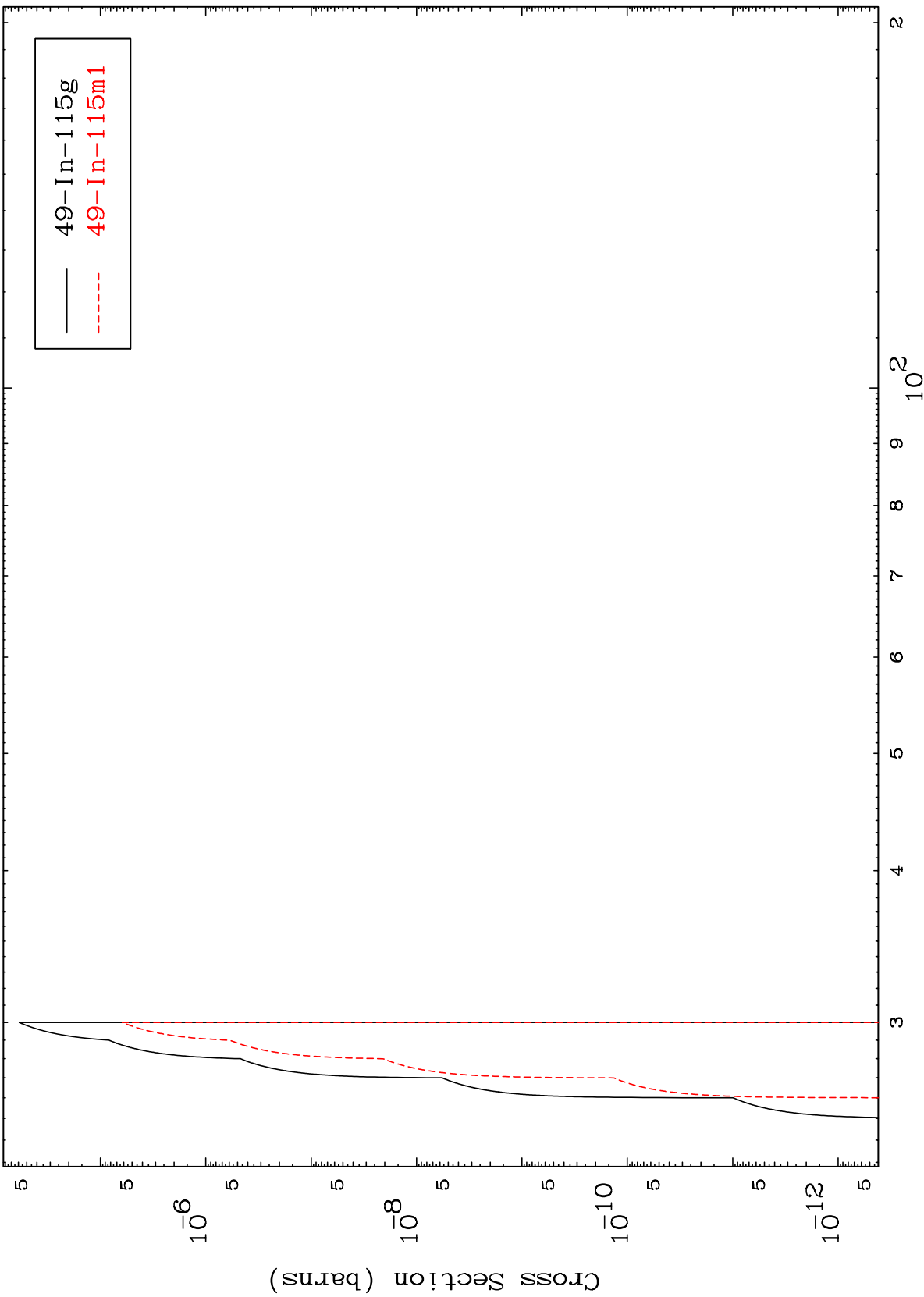
50-Sn-118



132

50-Sn-118

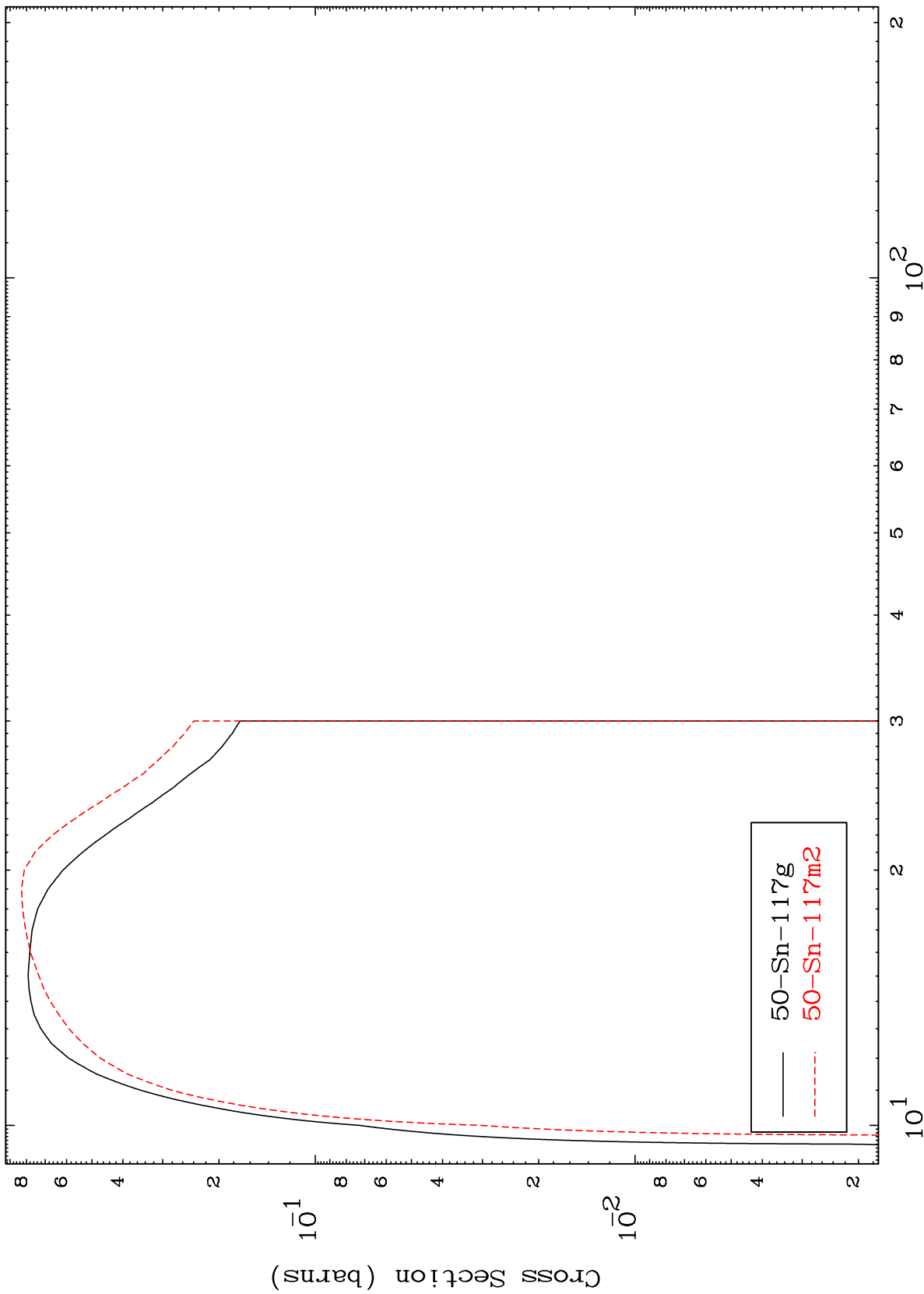
Radionuclide Production Cross Section



MAT 5043

50-Sn-118

(n,2n)
Radionuclide Production Cross Section



50-Sn-118

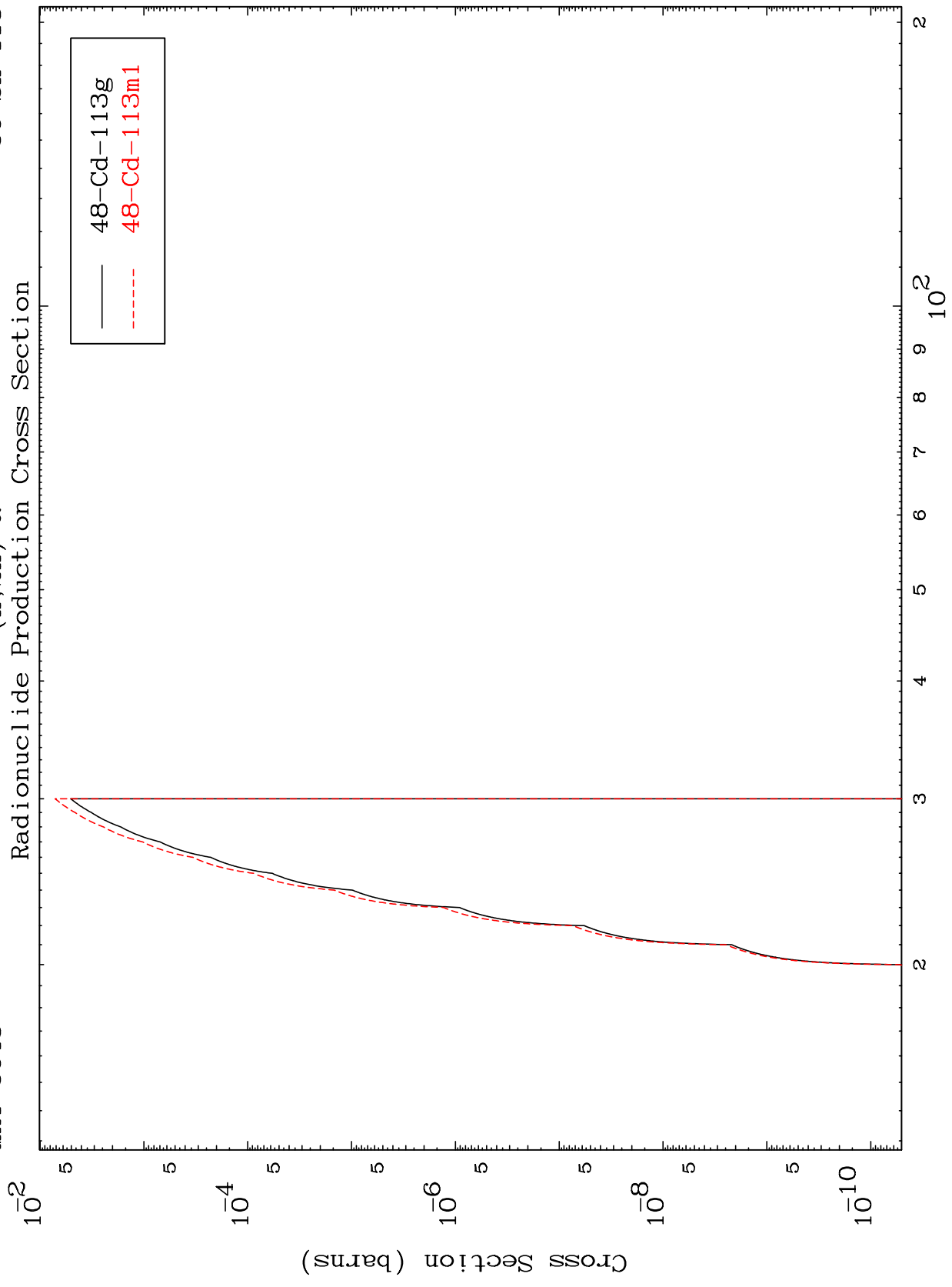
Incident Energy (MeV)

134

MAT 5043

50-Sn-118

(n,2n) α



135

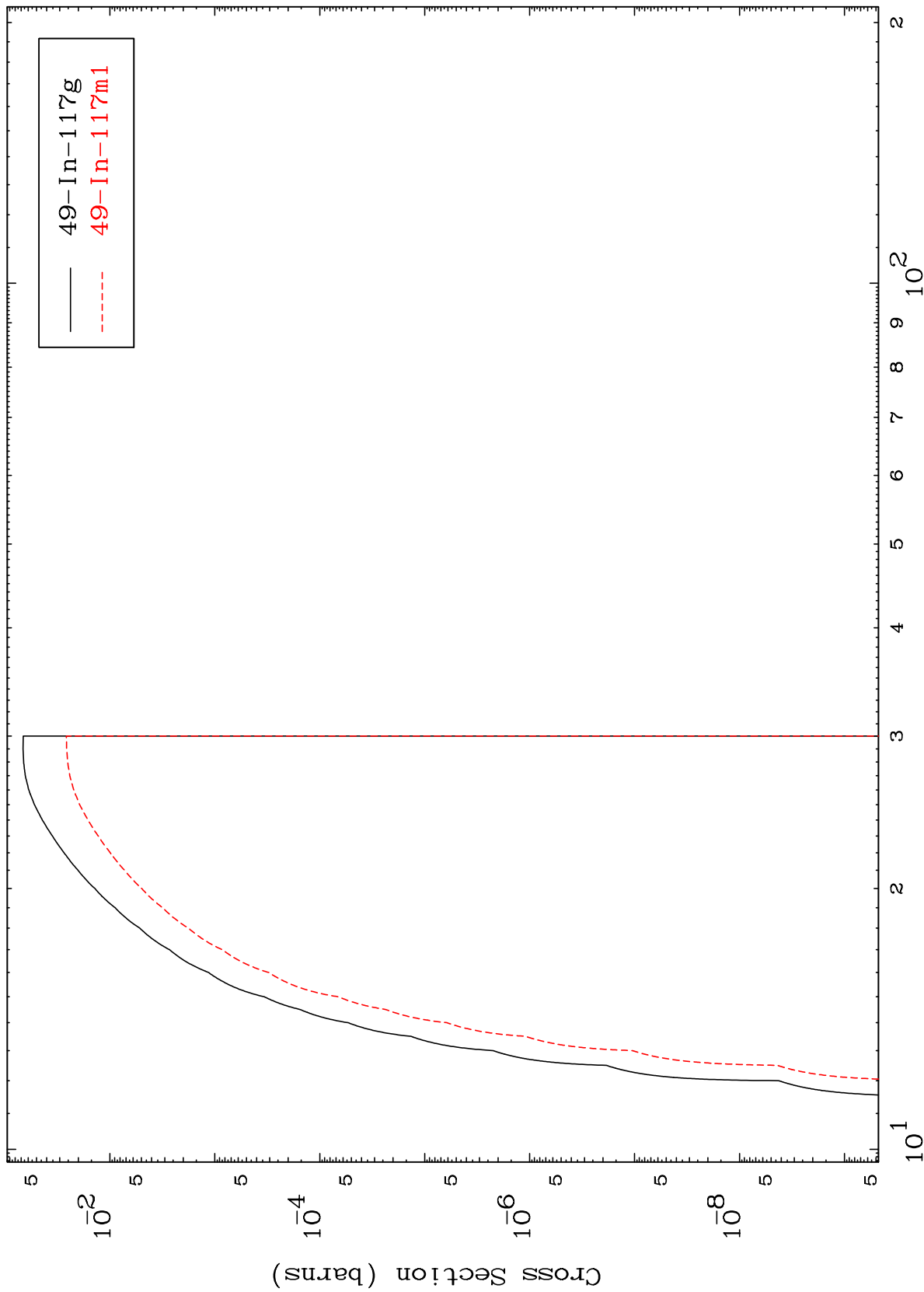
50-Sn-118

MAT 5043

(n,n') p

50-Sn-118

Radionuclide Production Cross Section

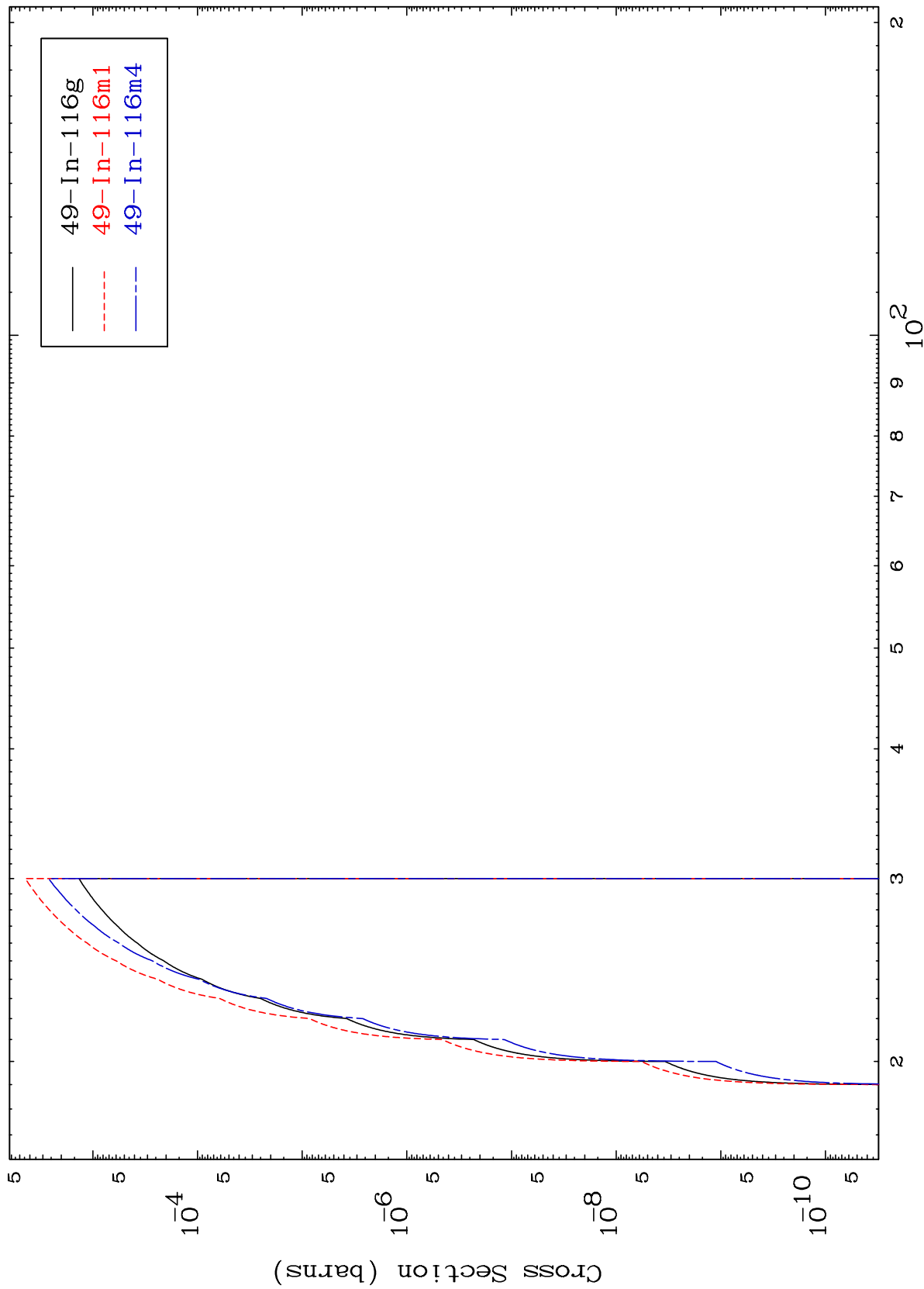


Incident Energy (MeV)

50-Sn-118

136

Radionuclide Production Cross Section

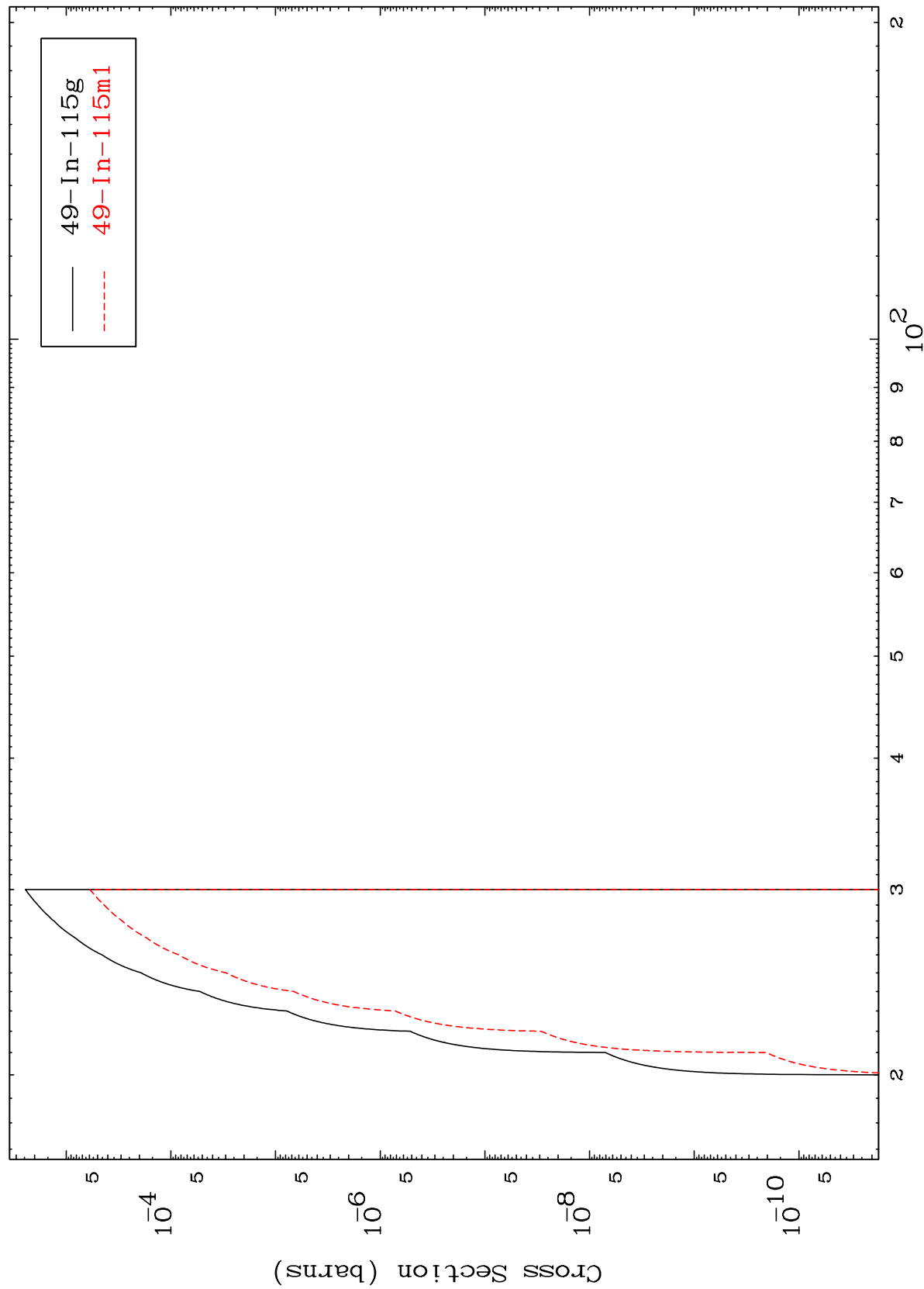


MAT 5043

(n,n') t

50-Sn-118

Radionuclide Production Cross Section



138

Incident Energy (MeV)

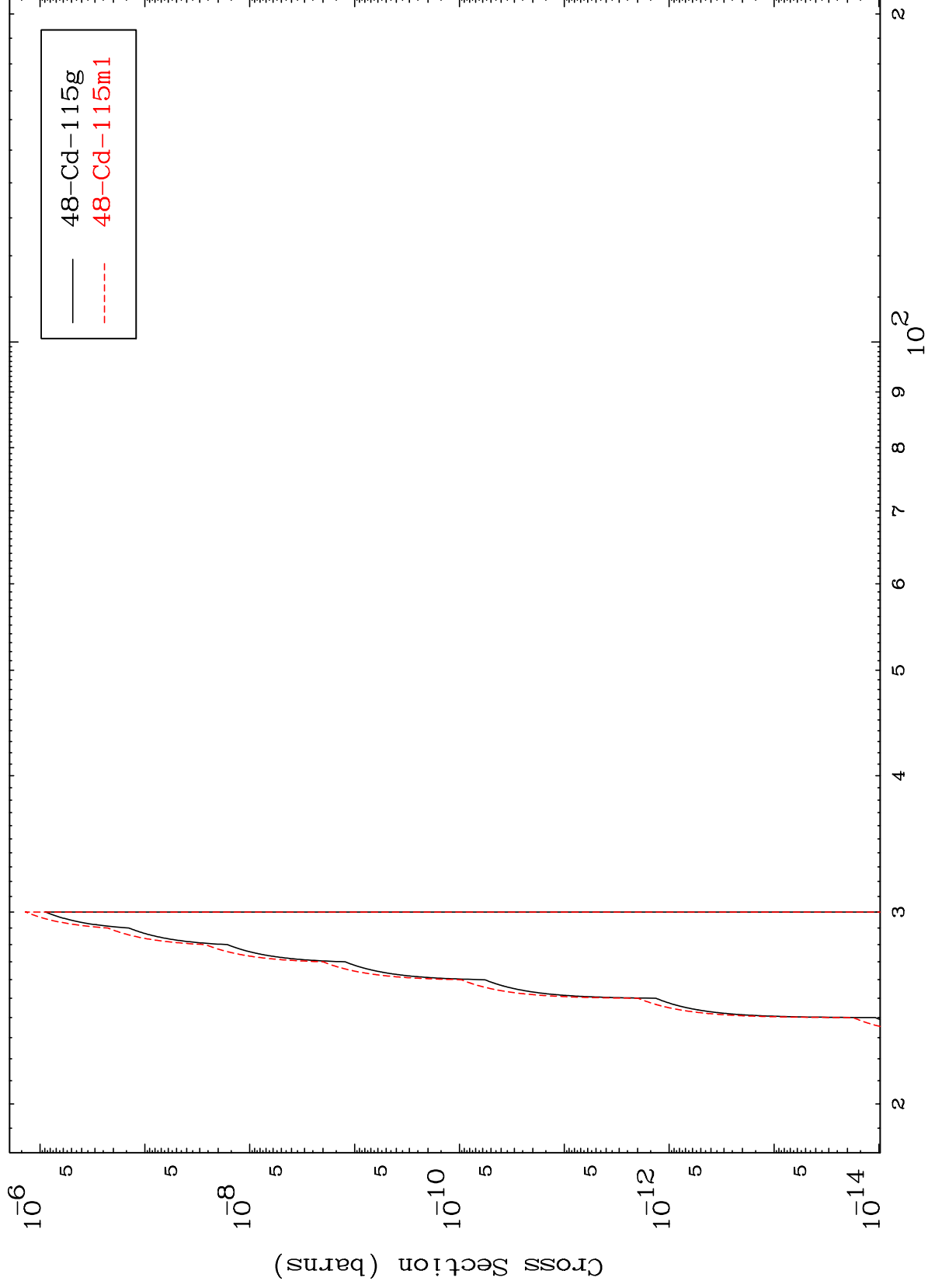
50-Sn-118

MAT 5043

(n,n') He-3

50-Sn-118

Radionuclide Production Cross Section



139

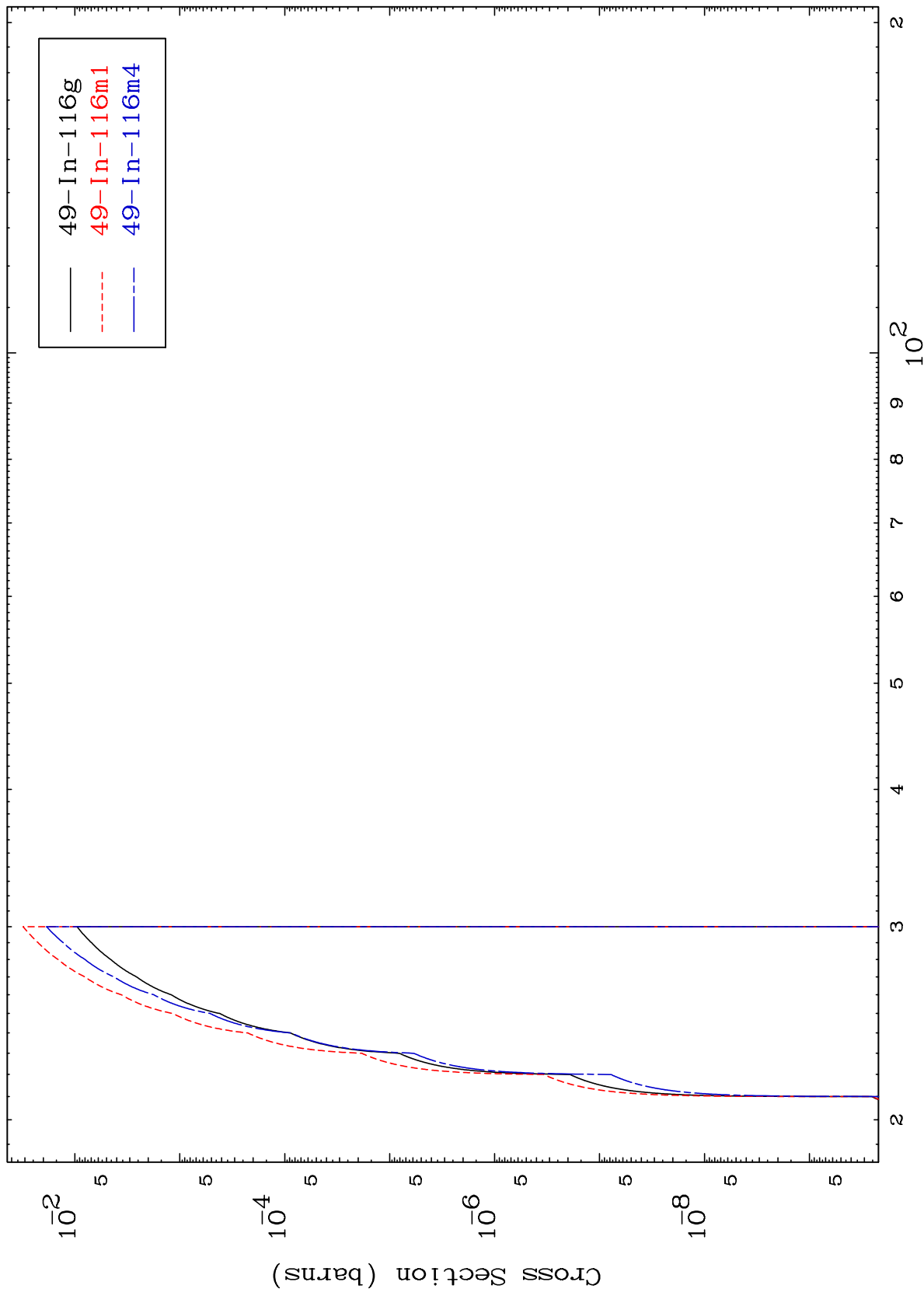
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,2n) p
Radionuclide Production Cross Section



50-Sn-118

Incident Energy (MeV)

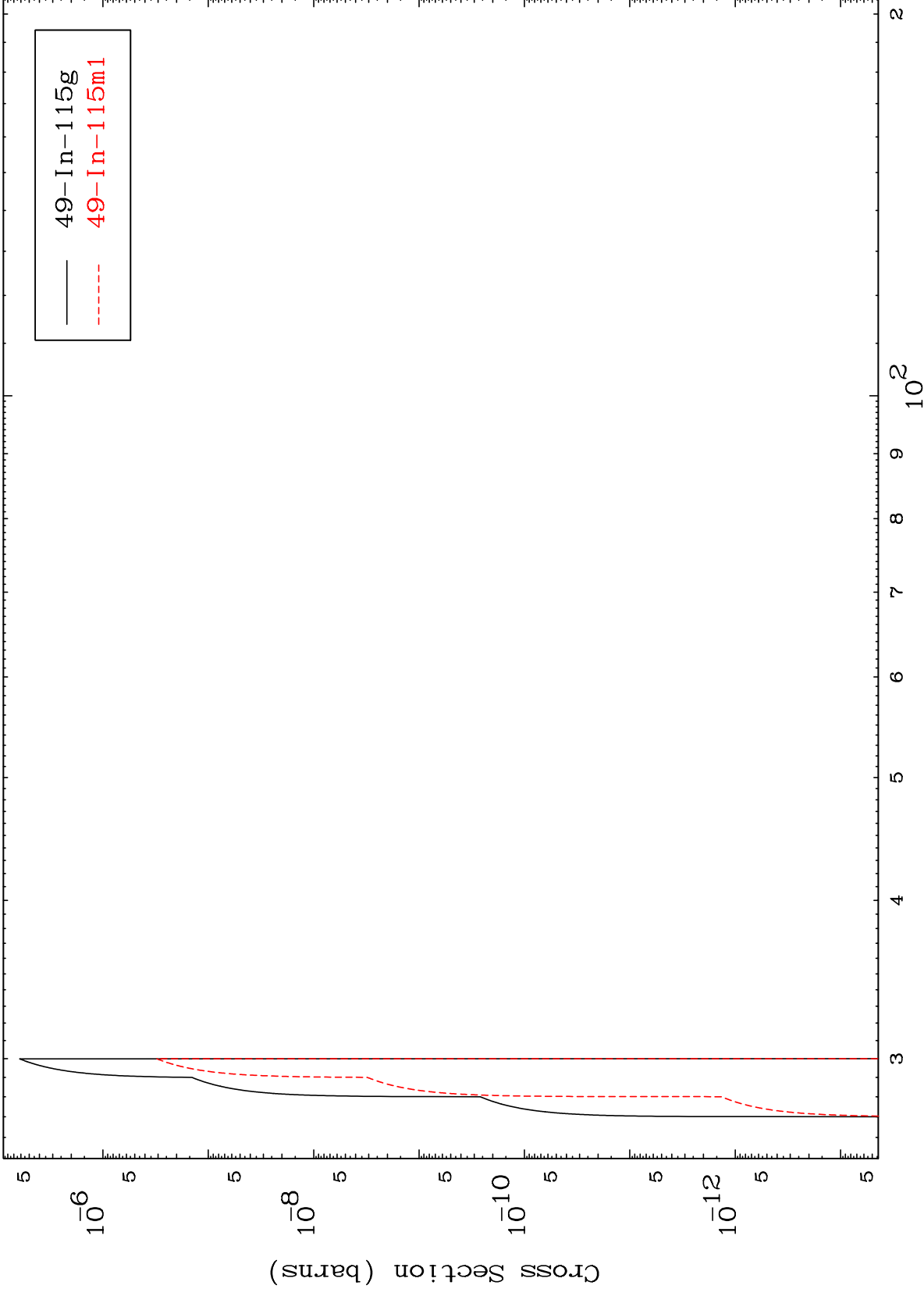
140

MAT 5043

(n,3n) p

50-Sn-118

Radionuclide Production Cross Section



141

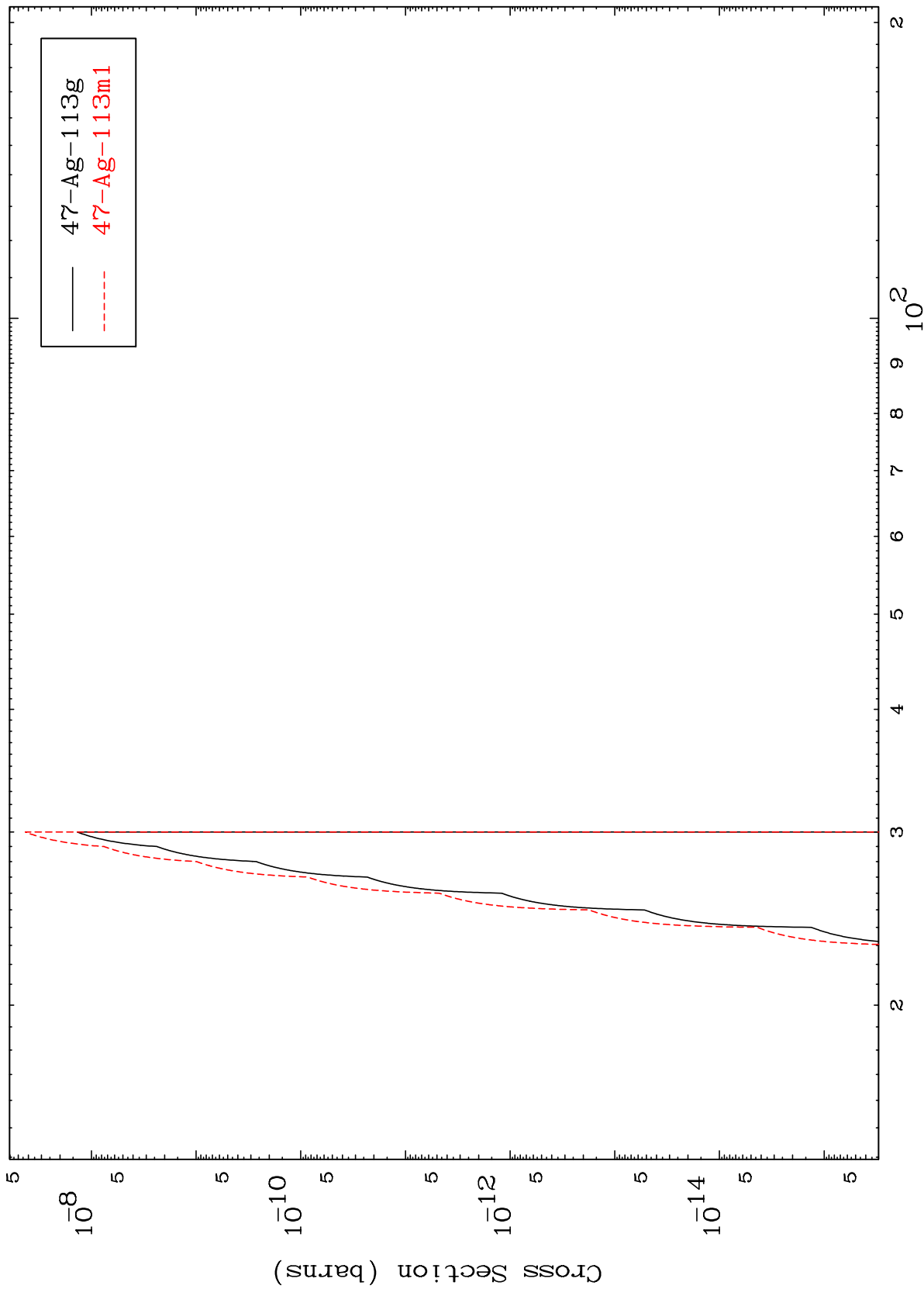
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,n') p α
Radionuclide Production Cross Section



142

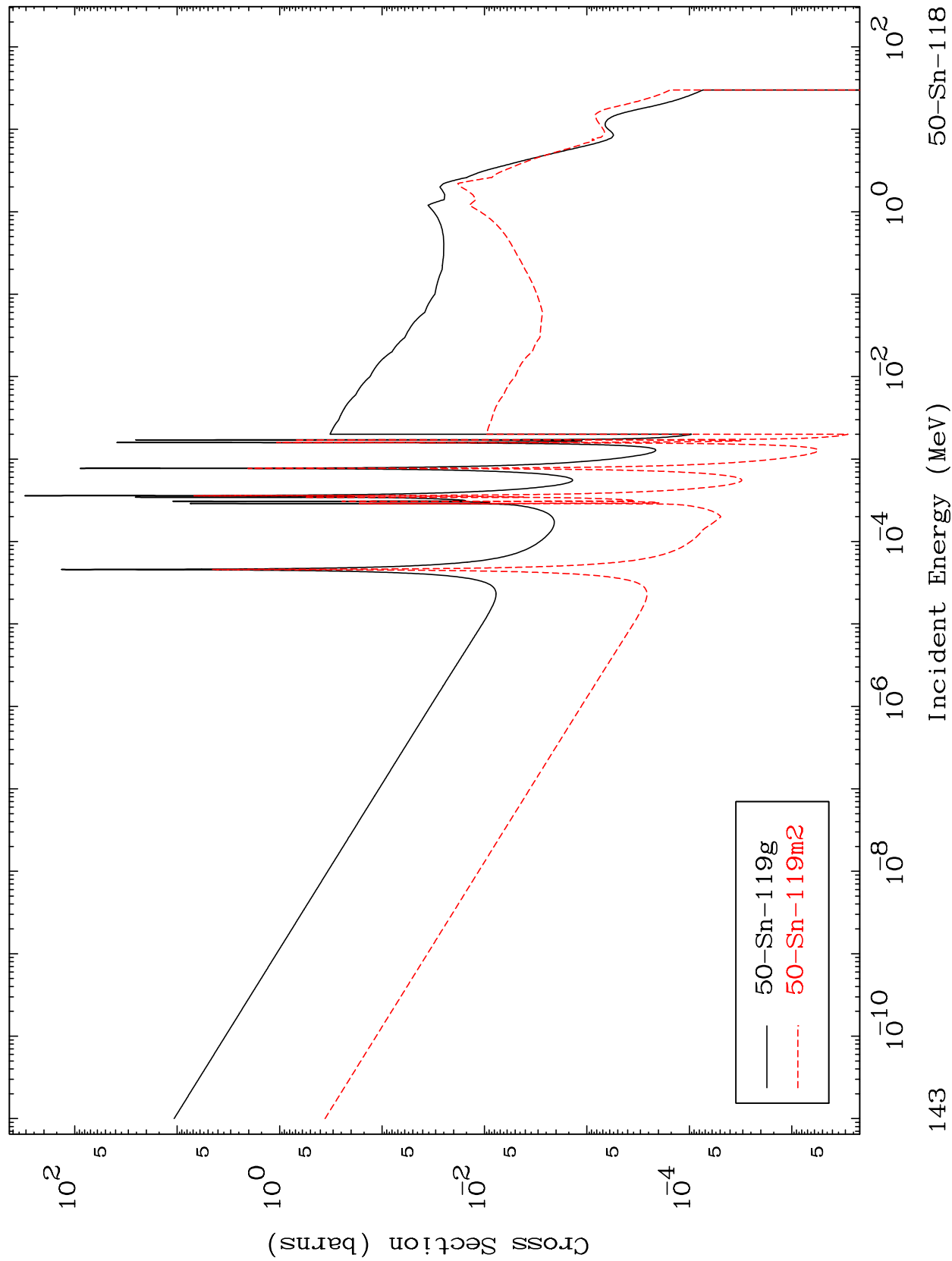
50-Sn-118

Incident Energy (MeV)

MAT 5043

50-Sn-118

(n, γ)
Radionuclide Production Cross Section



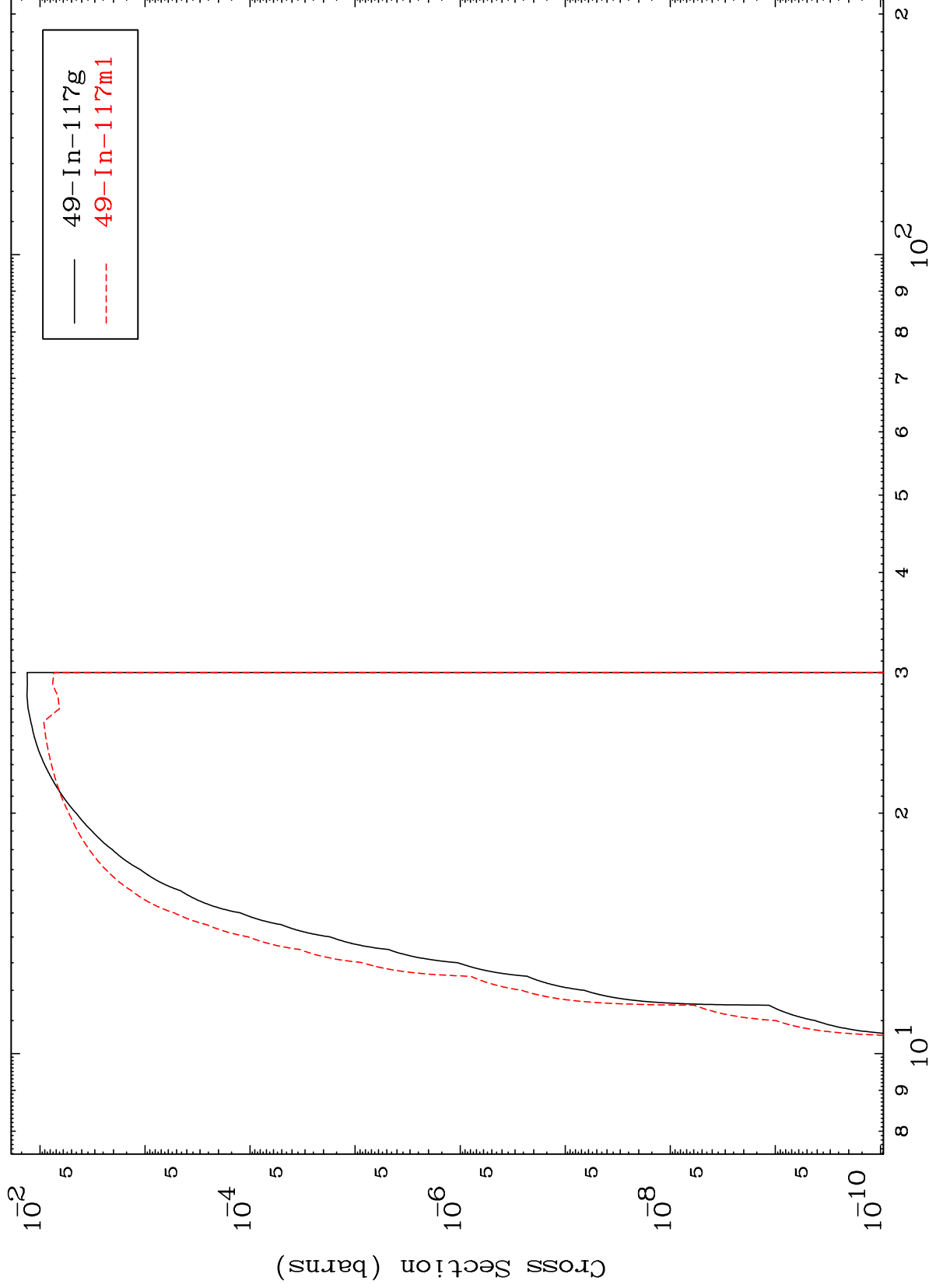
143

MAT 5043

(n,d)

50-Sn-118

Radionuclide Production Cross Section



145

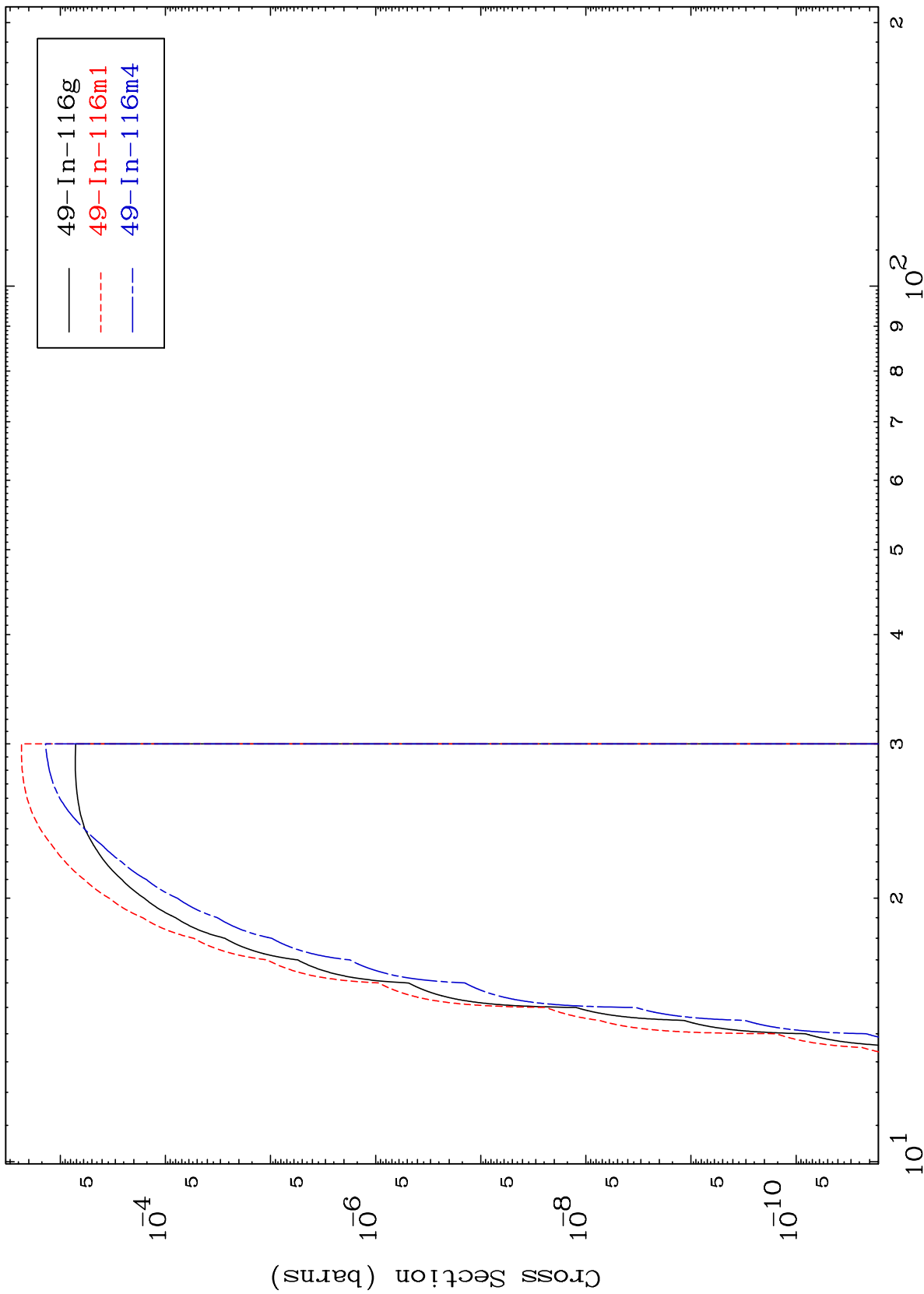
Incident Energy (MeV)

50-Sn-118

MAT 5043

50-Sn-118

(n,t)
Radionuclide Production Cross Section



50-Sn-118

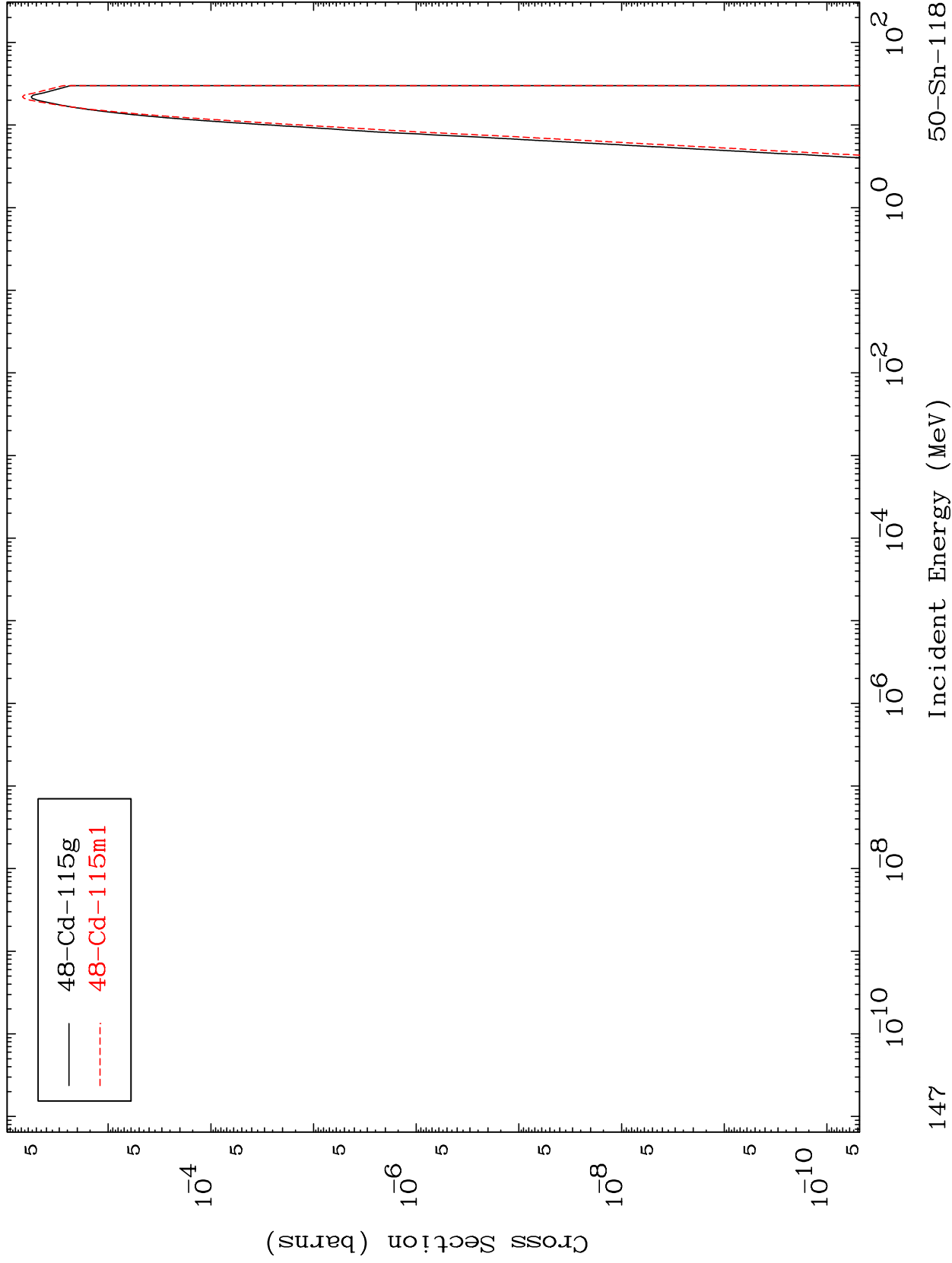
Incident Energy (MeV)

146

MAT 5043

50-Sn-118

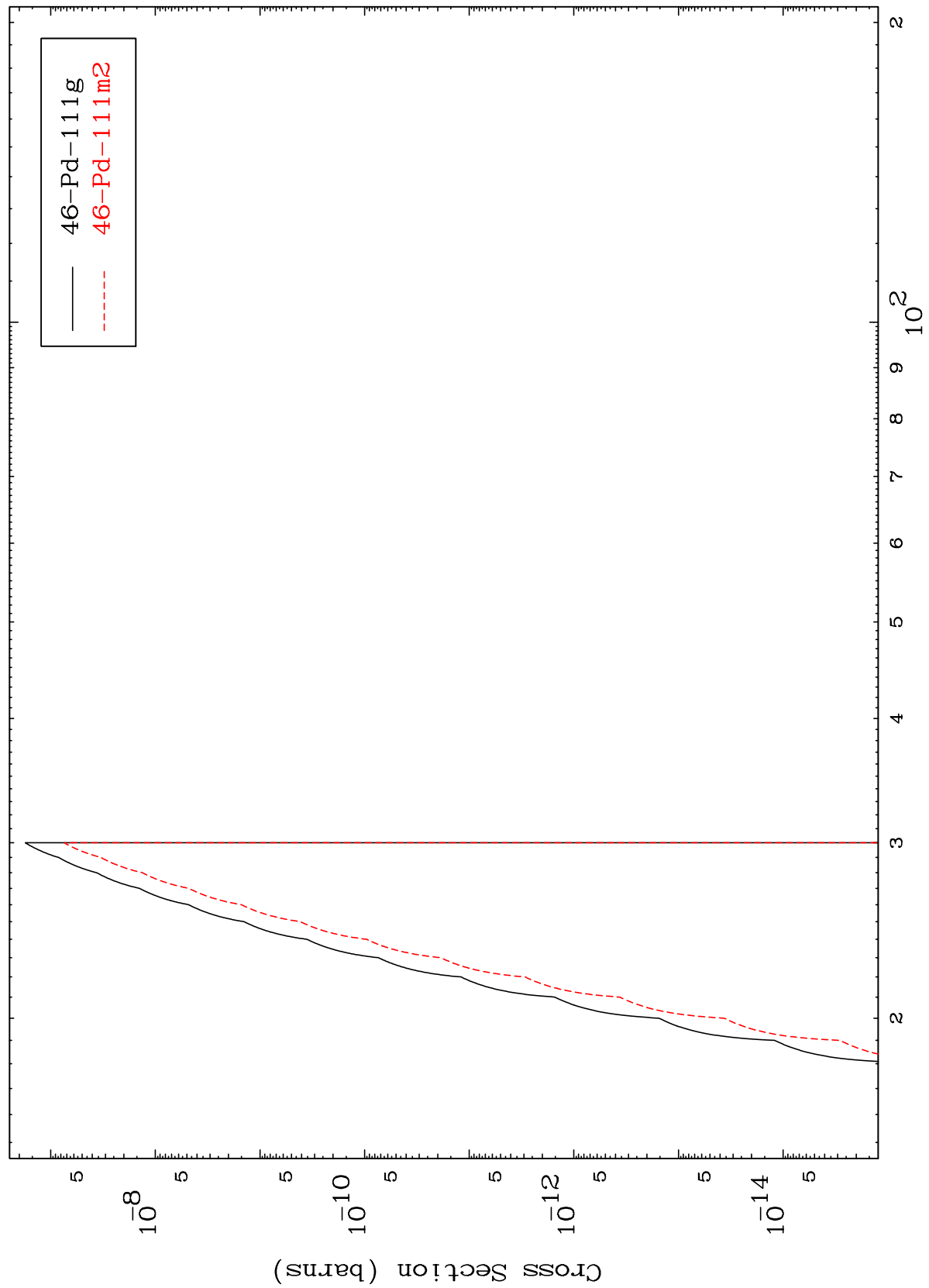
Radionuclide Production Cross Section



MAT 5043

50-Sn-118

(n,2α)
Radionuclide Production Cross Section



50-Sn-118

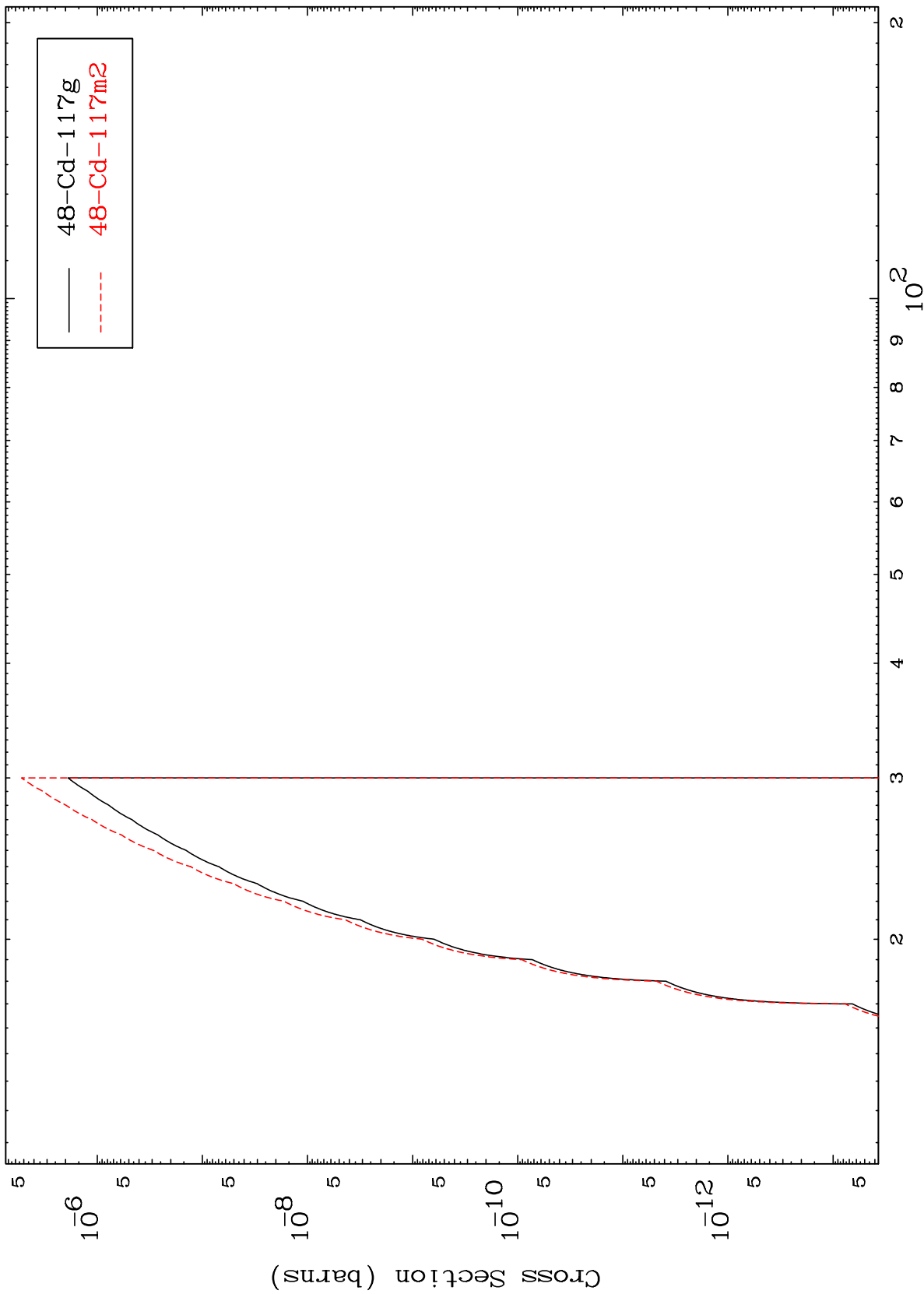
Incident Energy (MeV)

148

MAT 5043

50-Sn-118

(n,2p)
Radionuclide Production Cross Section



149

Incident Energy (MeV)

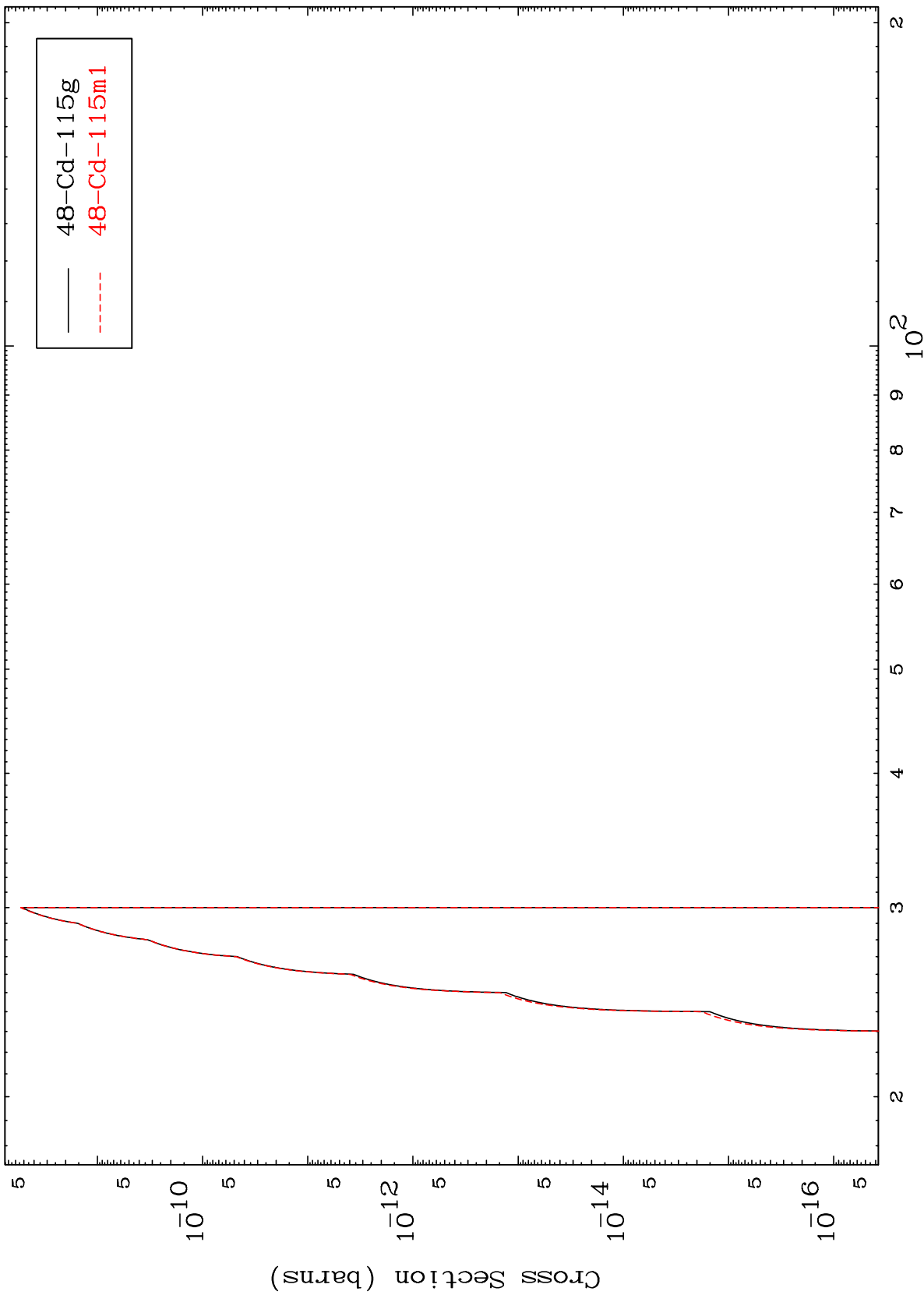
50-Sn-118

MAT 5043

(n,p) t

50-Sn-118

Radionuclide Production Cross Section



150

Incident Energy (MeV)

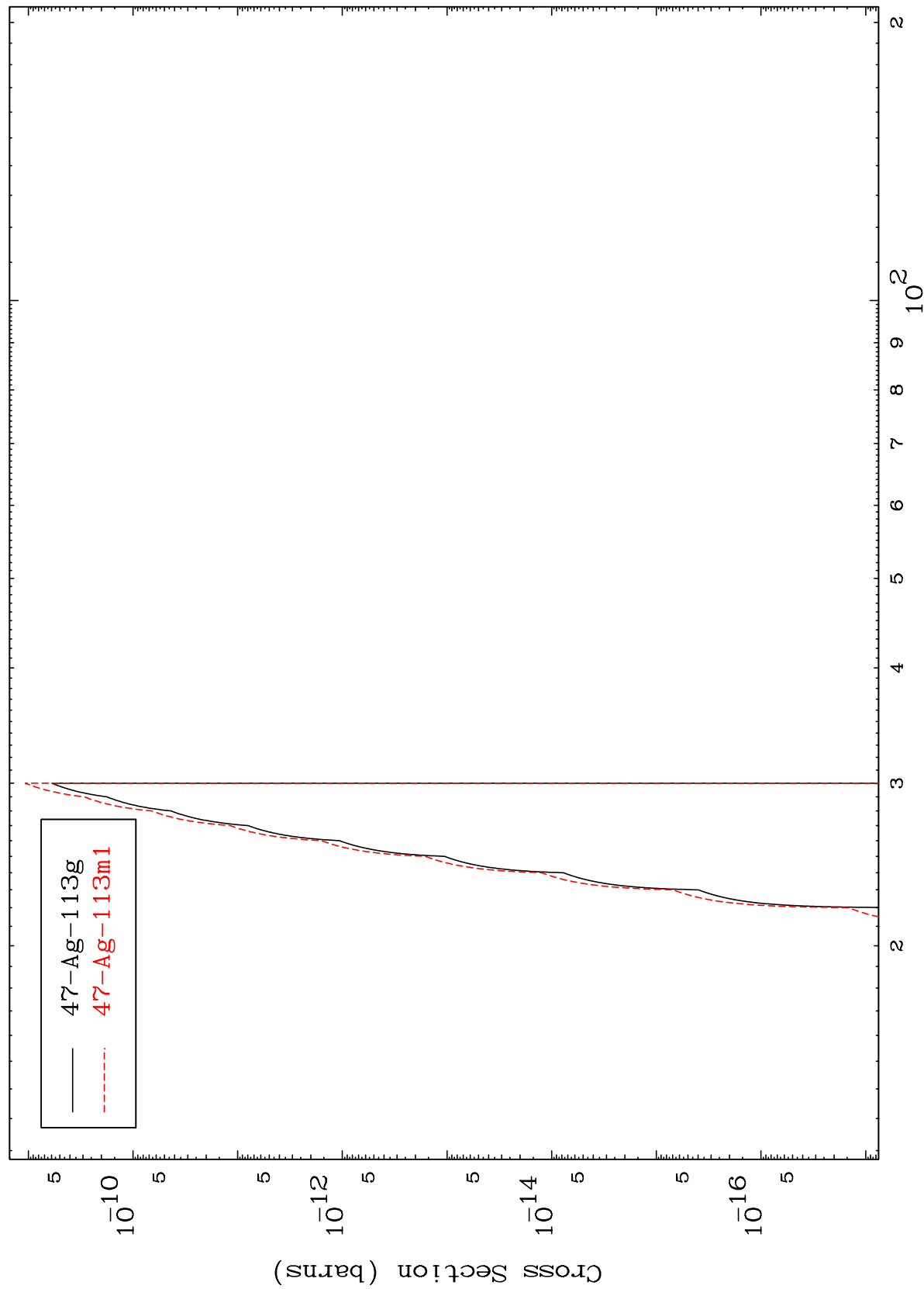
50-Sn-118

MAT 5043

(n,d) α

50-Sn-118

Radionuclide Production Cross Section



151

Incident Energy (MeV)

50-Sn-118