

Program EVALPLOT
(Version 2021-1)

by

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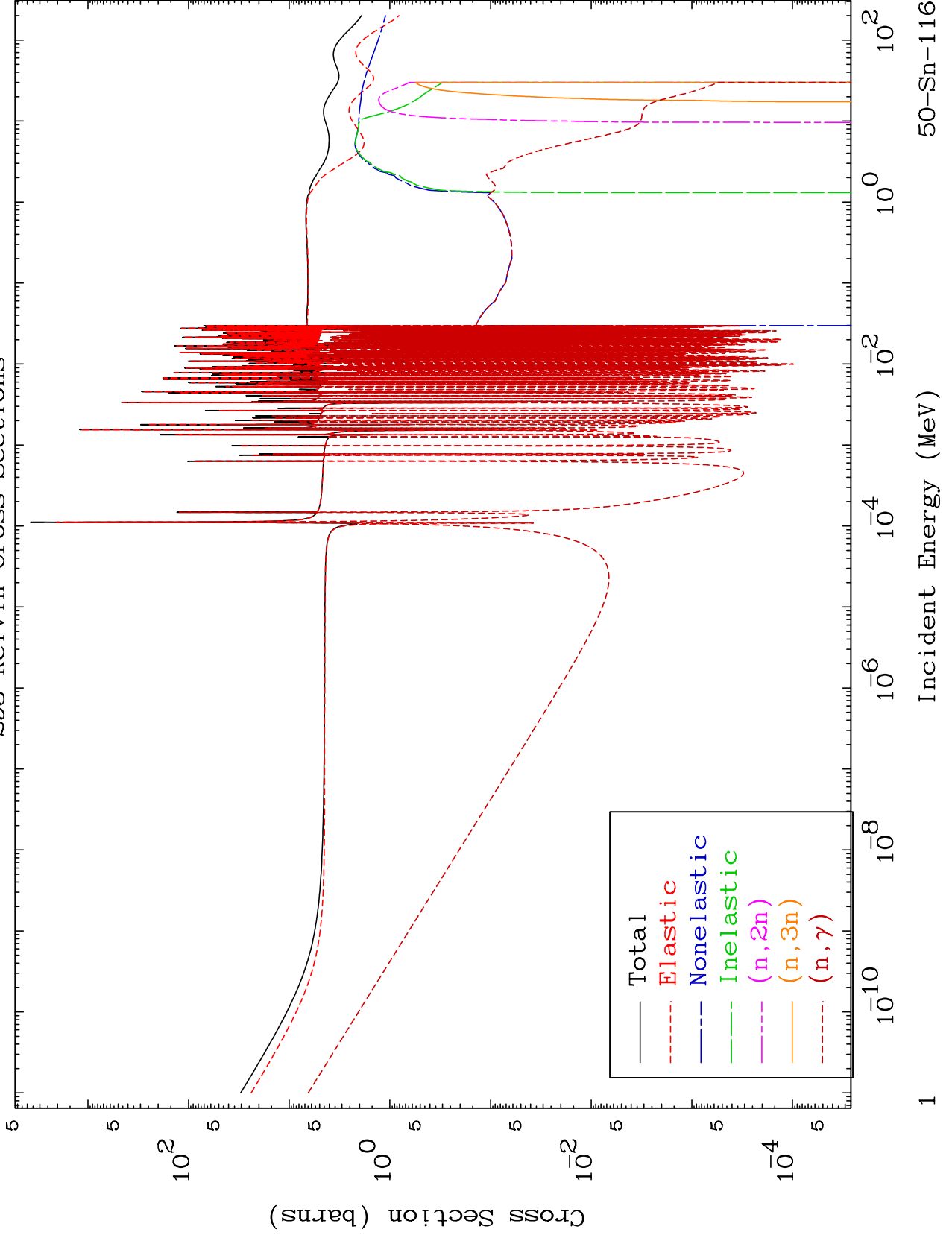
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Press Mouse Button to Start

MAT 5037

Neutron Major
293 Kelvin Cross Sections

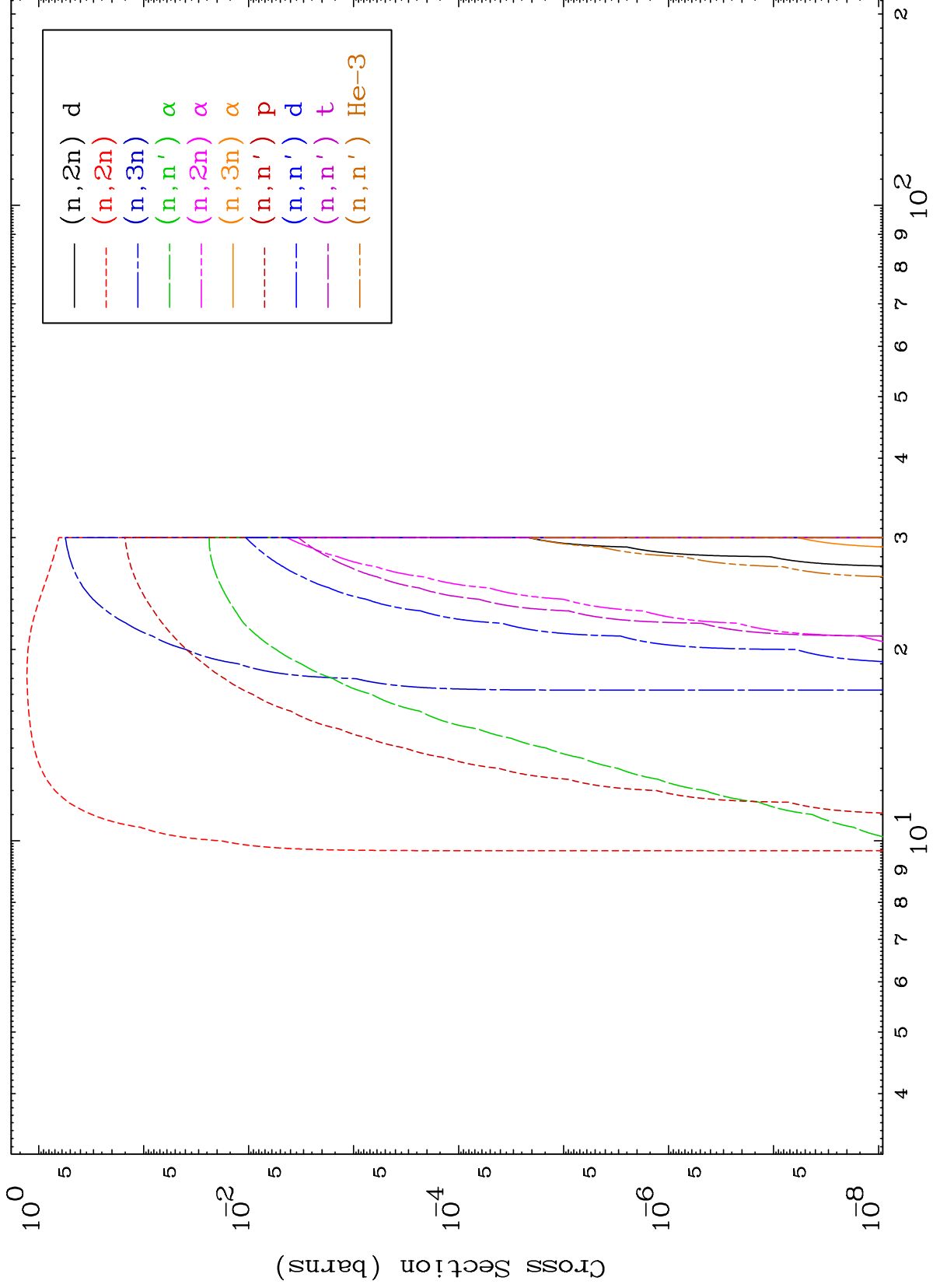
50-Sn-116



MAT 5037

Neutron Absorption
293 Kelvin Cross Sections

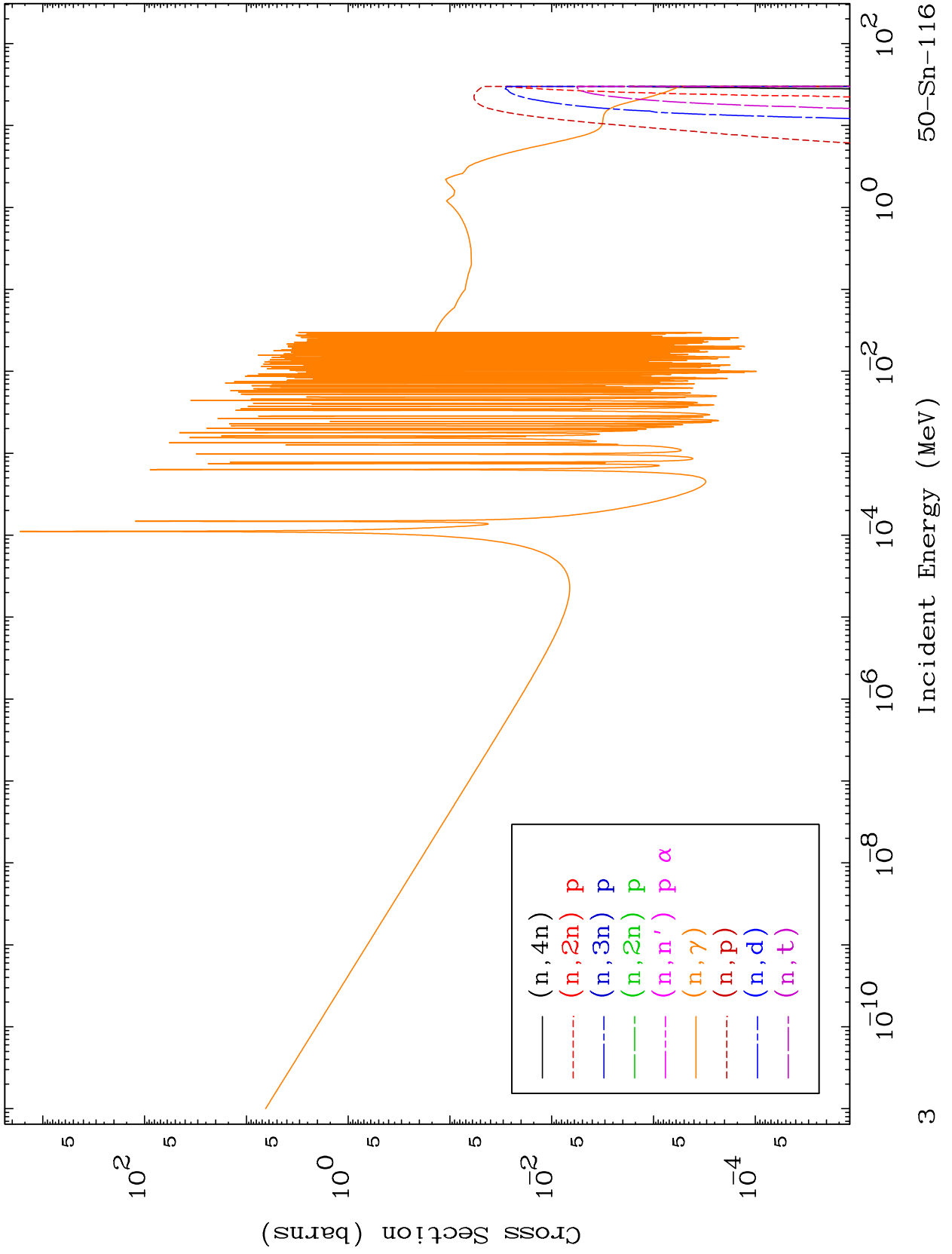
50-Sn-116



MAT 5037

Neutron Absorption
293 Kelvin Cross Sections

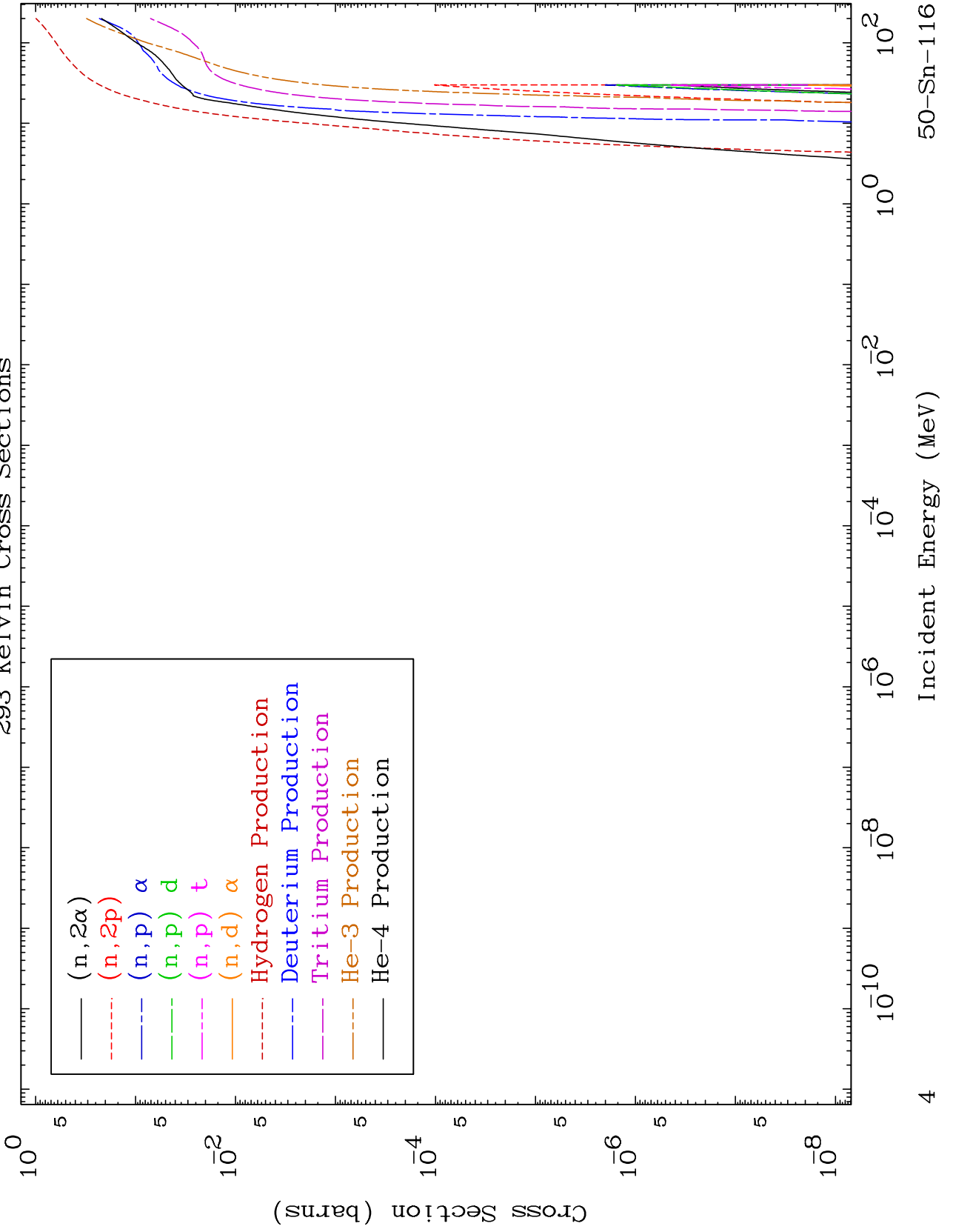
50-Sn-116

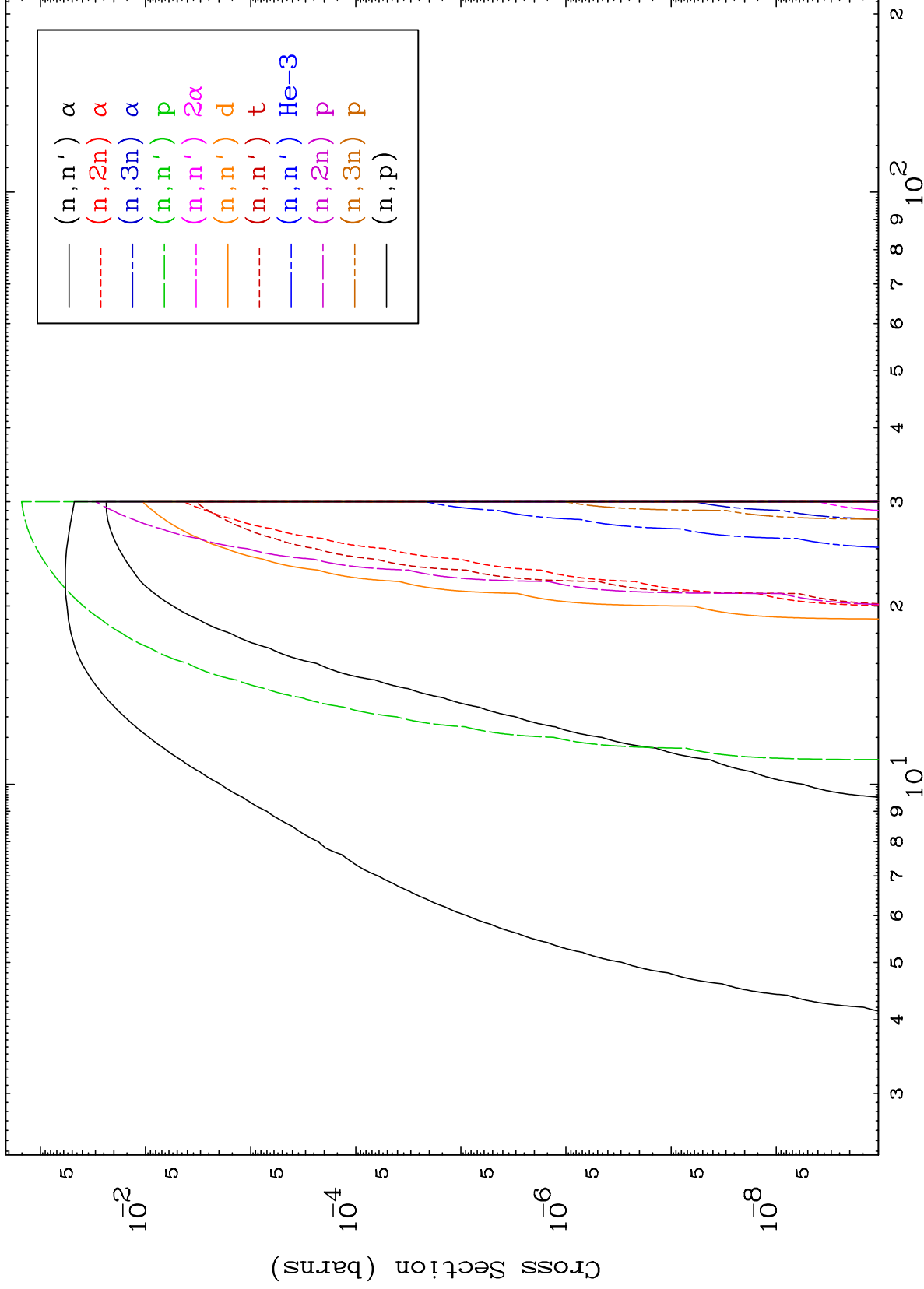


MAT 5037

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-116

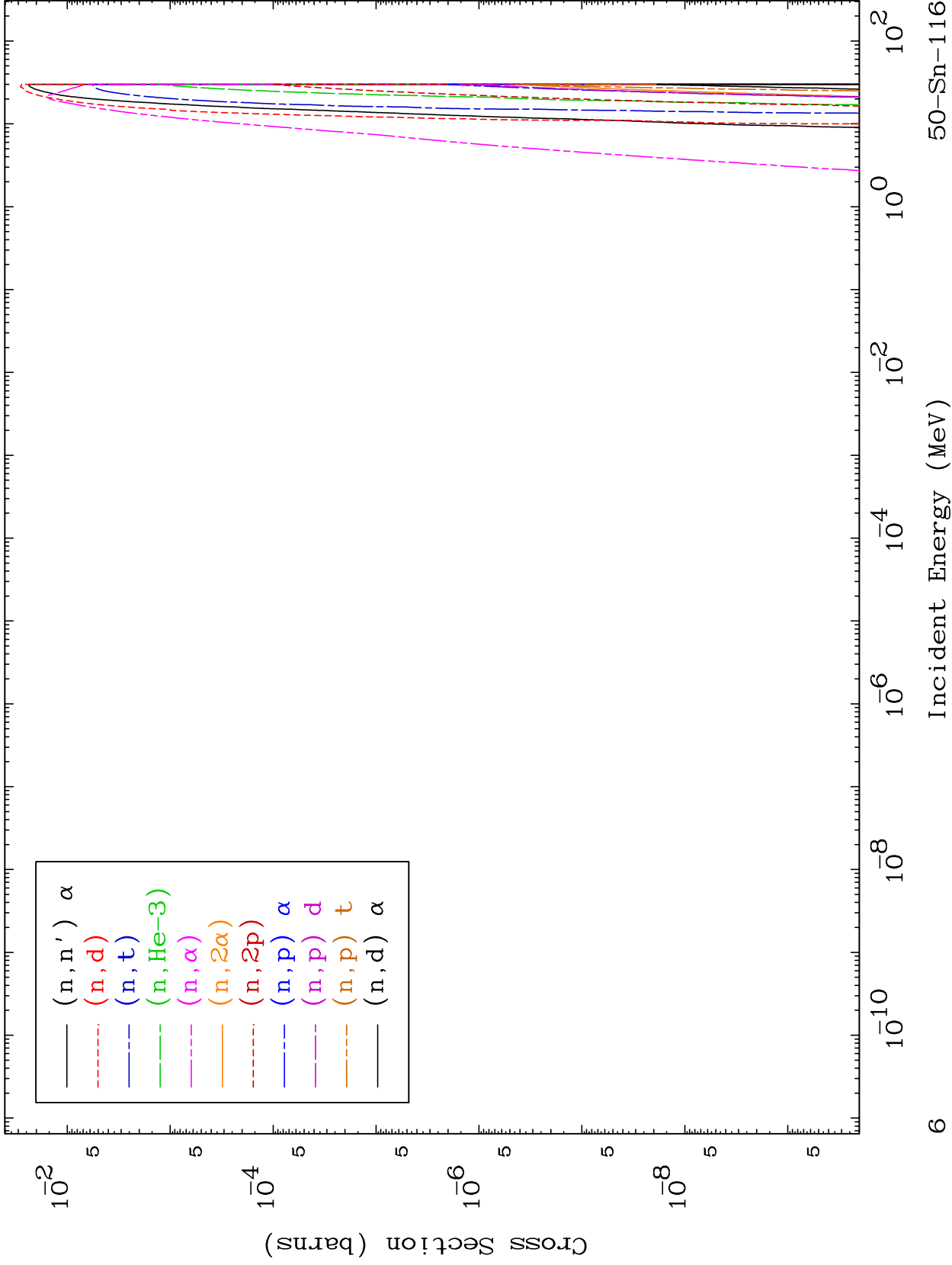




MAT 5037

Charged Particle
293 Kelvin Cross Sections

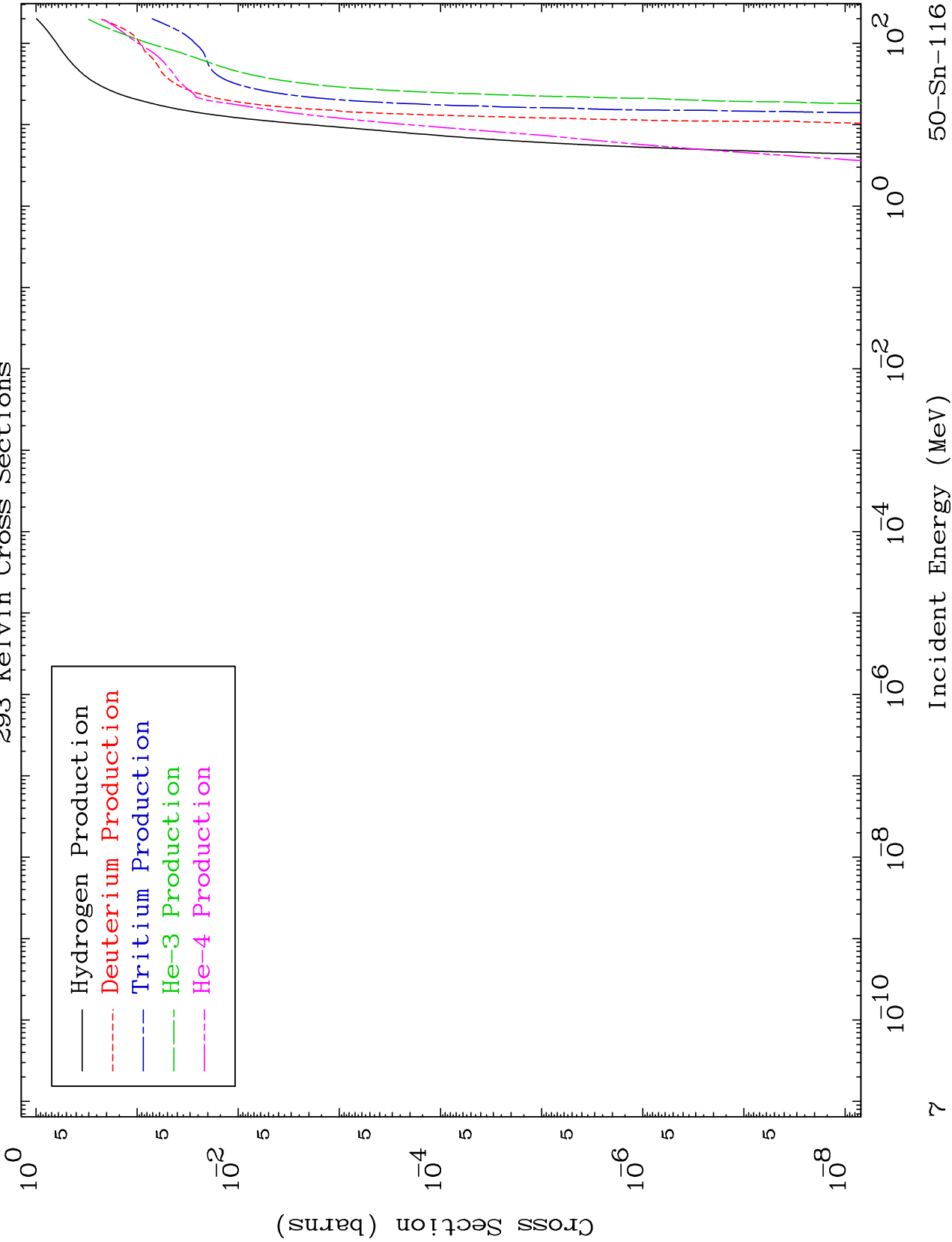
50-Sn-116



MAT 5037

Particle Production
293 Kelvin Cross Sections

50-Sn-116

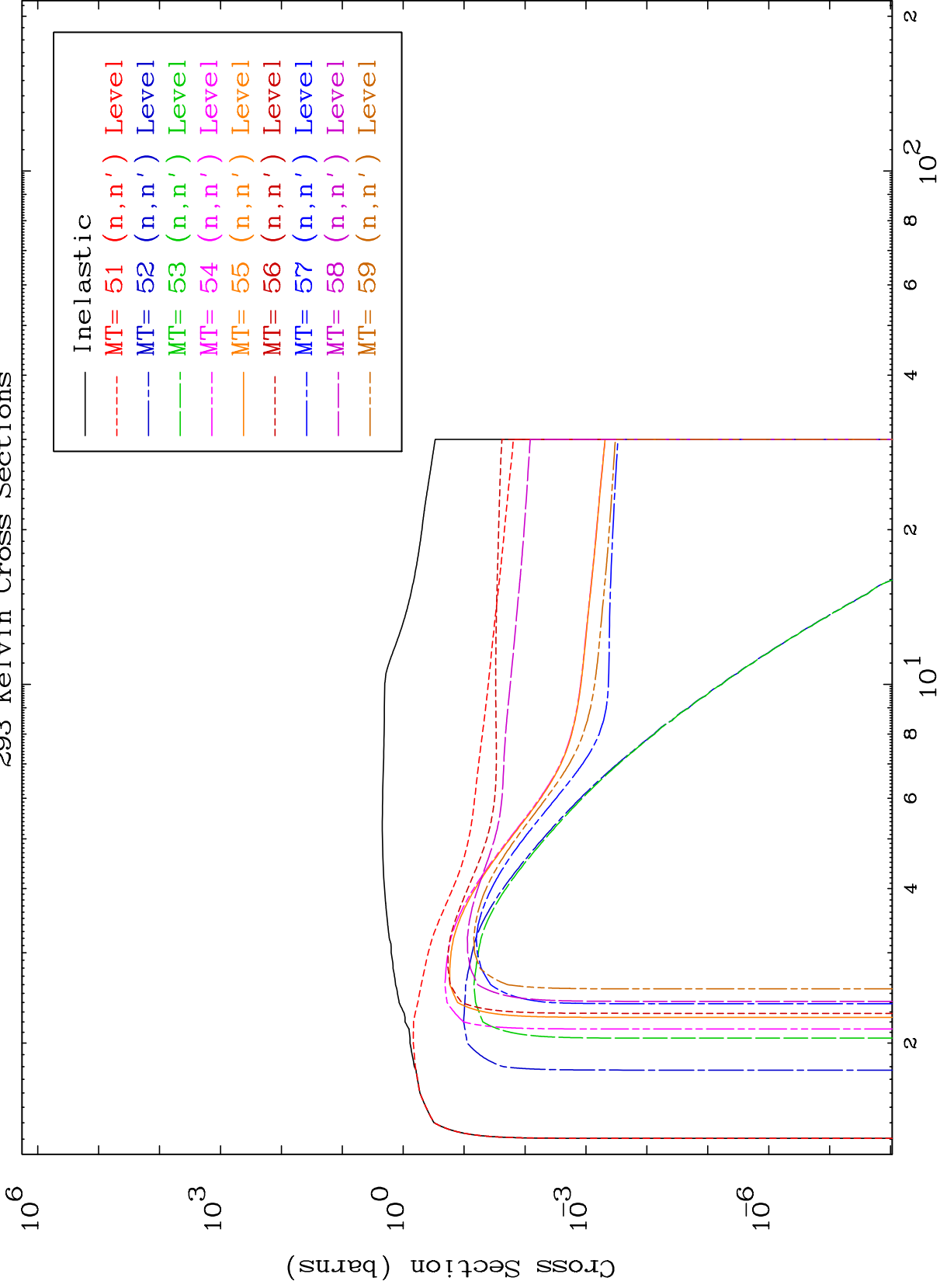


MAT 5037

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-116



8

Incident Energy (MeV)

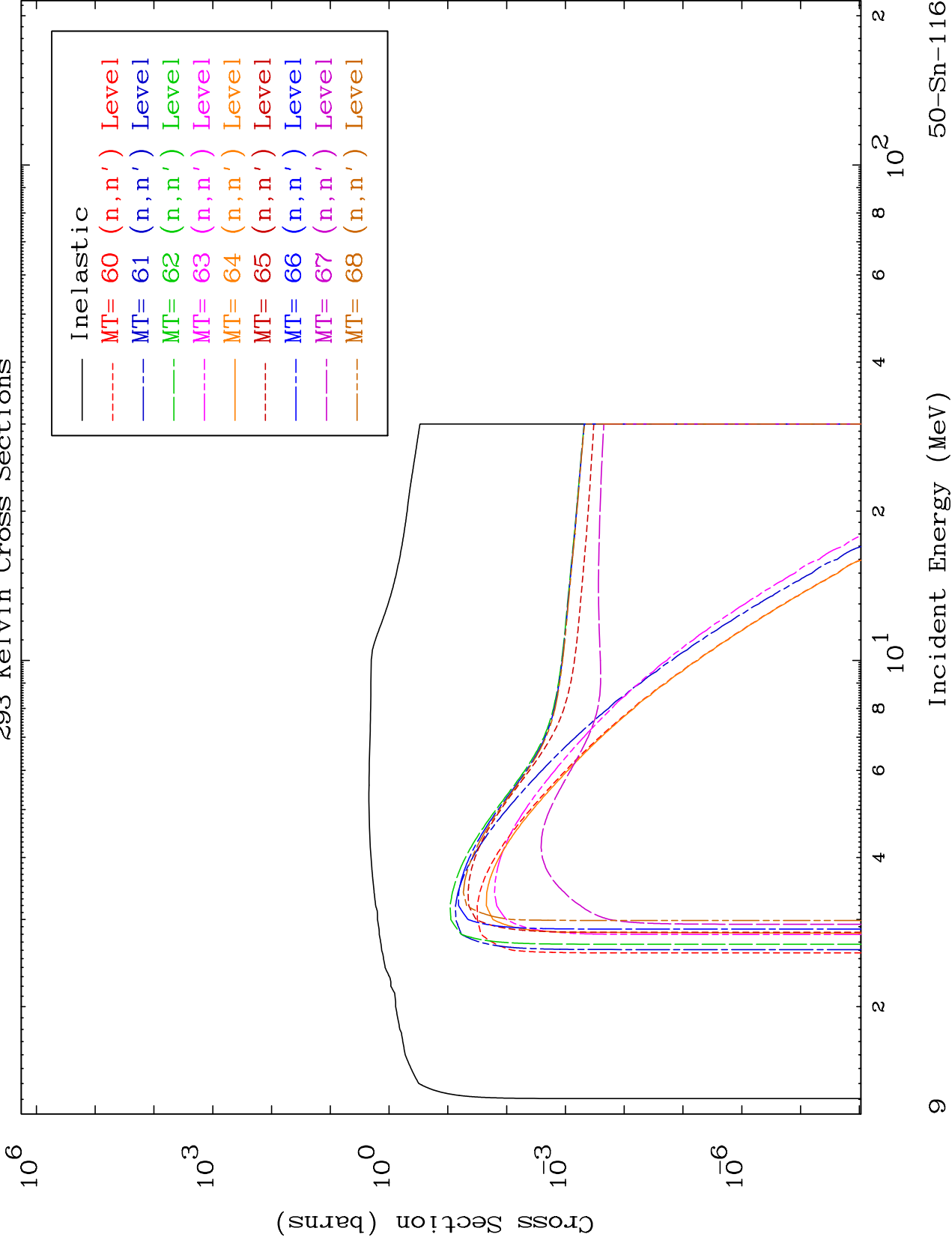
50-Sn-116

MAT 5037

(n,n') Levels

50-Sn-116

293 Kelvin Cross Sections

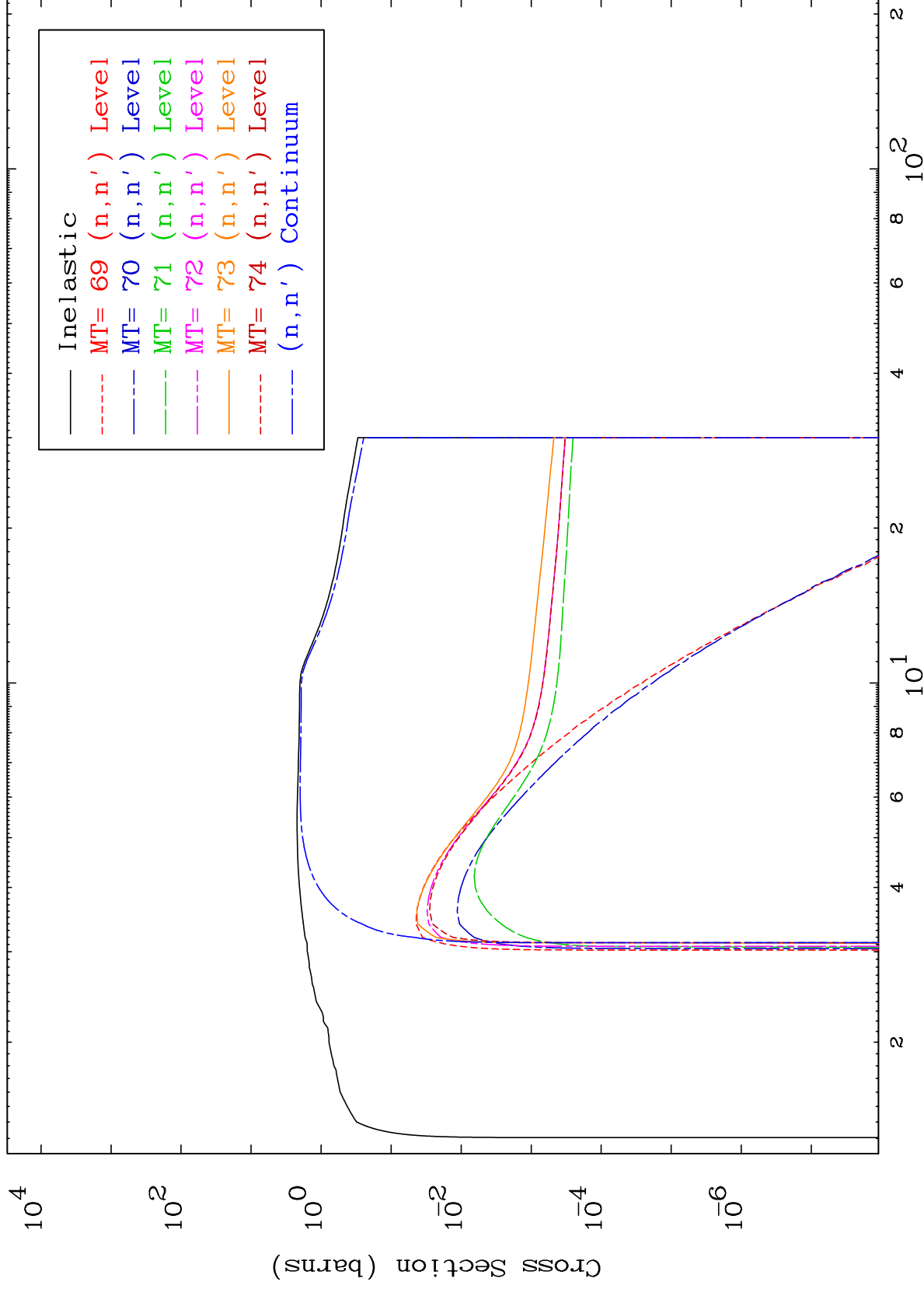


MAT 5037

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-116



10

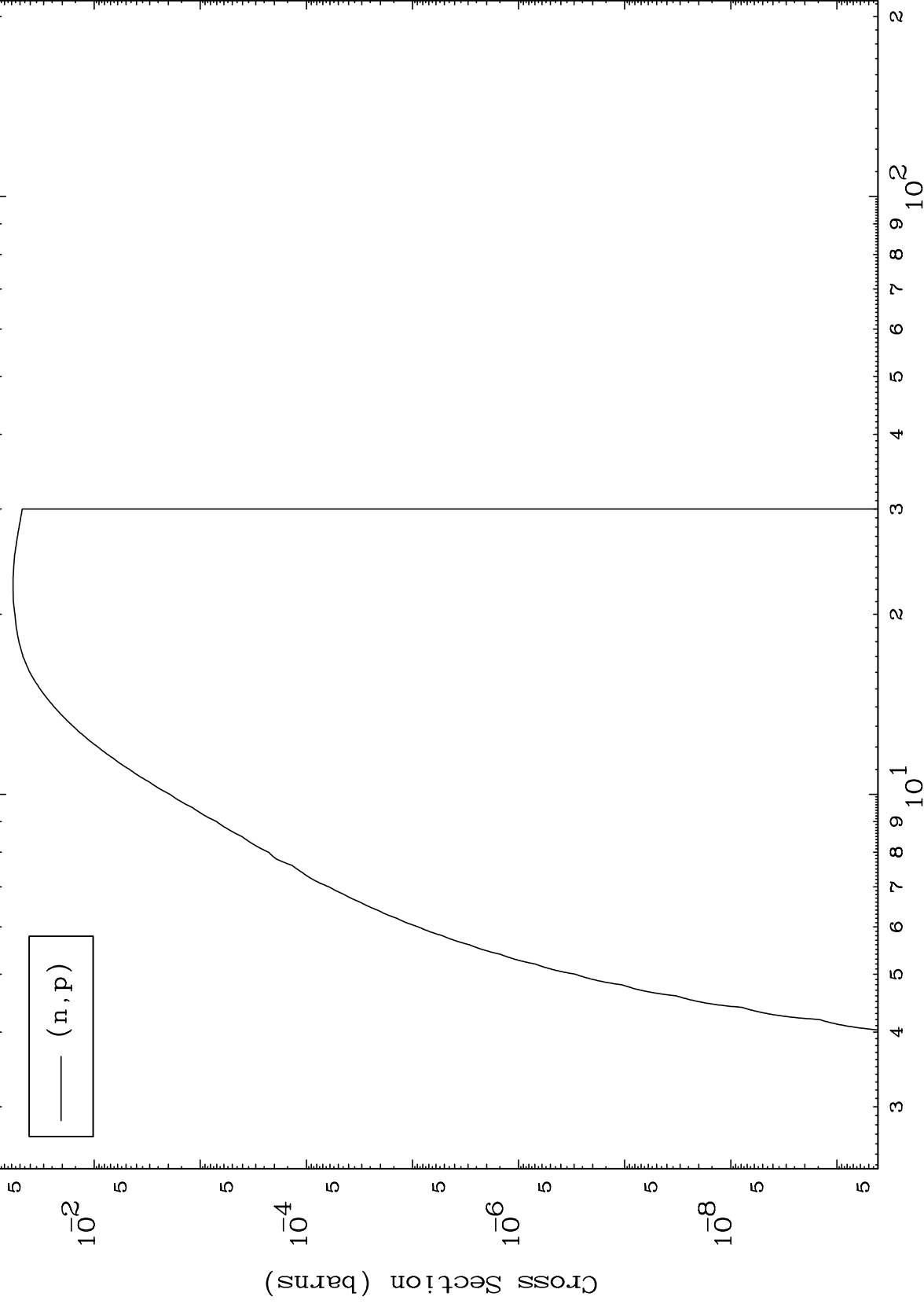
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,p) Levels
293 Kelvin Cross Sections

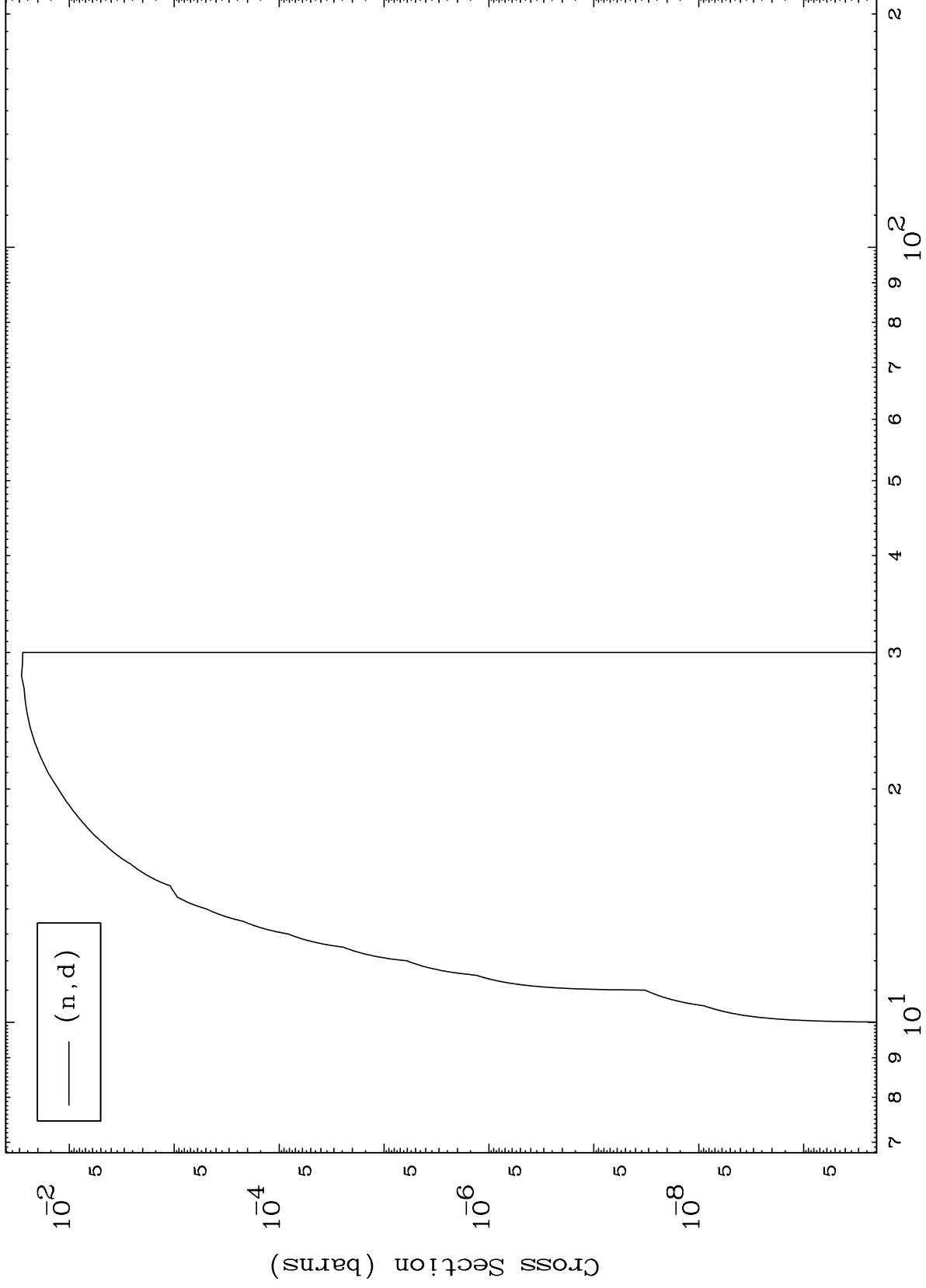
50-Sn-116



MAT 5037

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-116



12

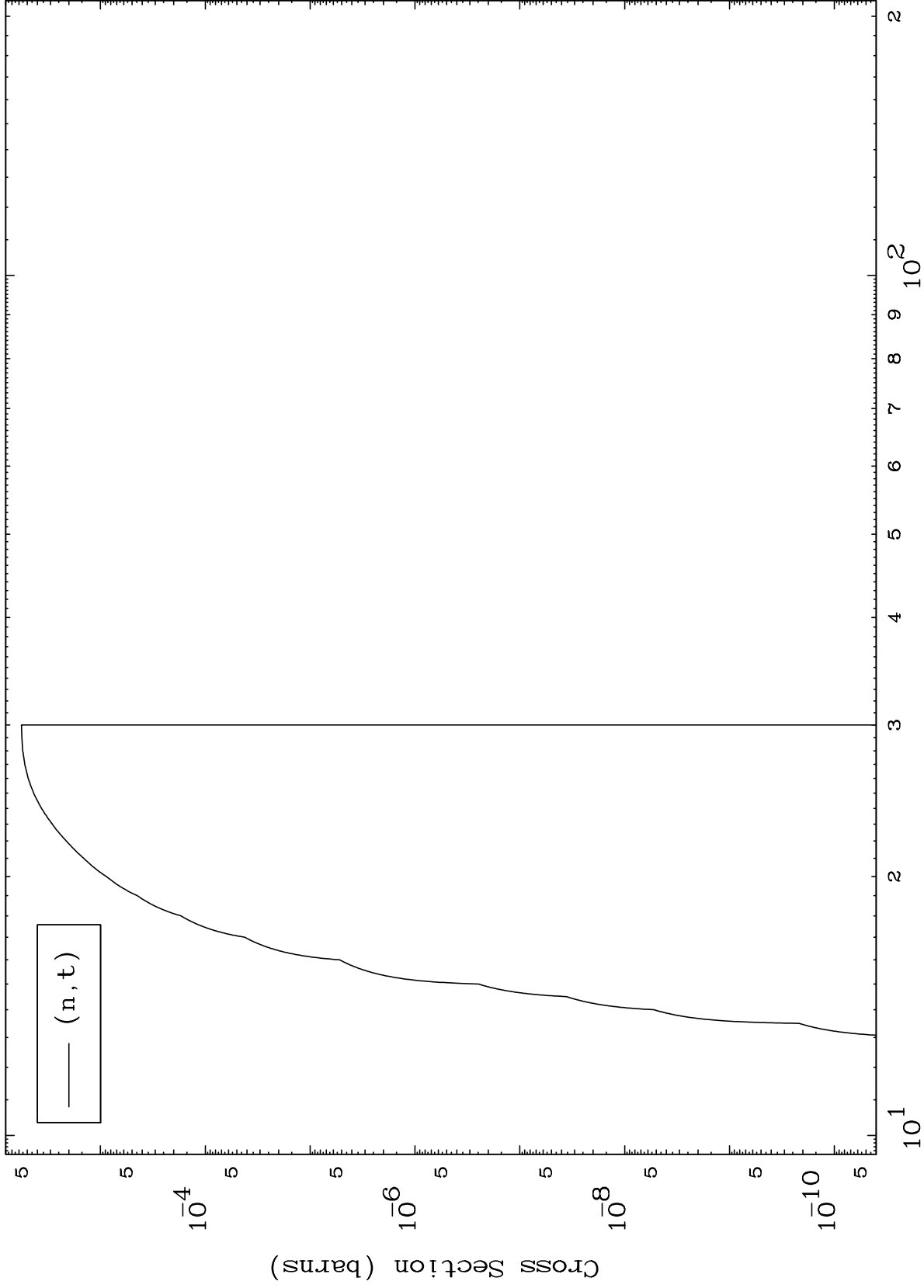
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-116



50-Sn-116

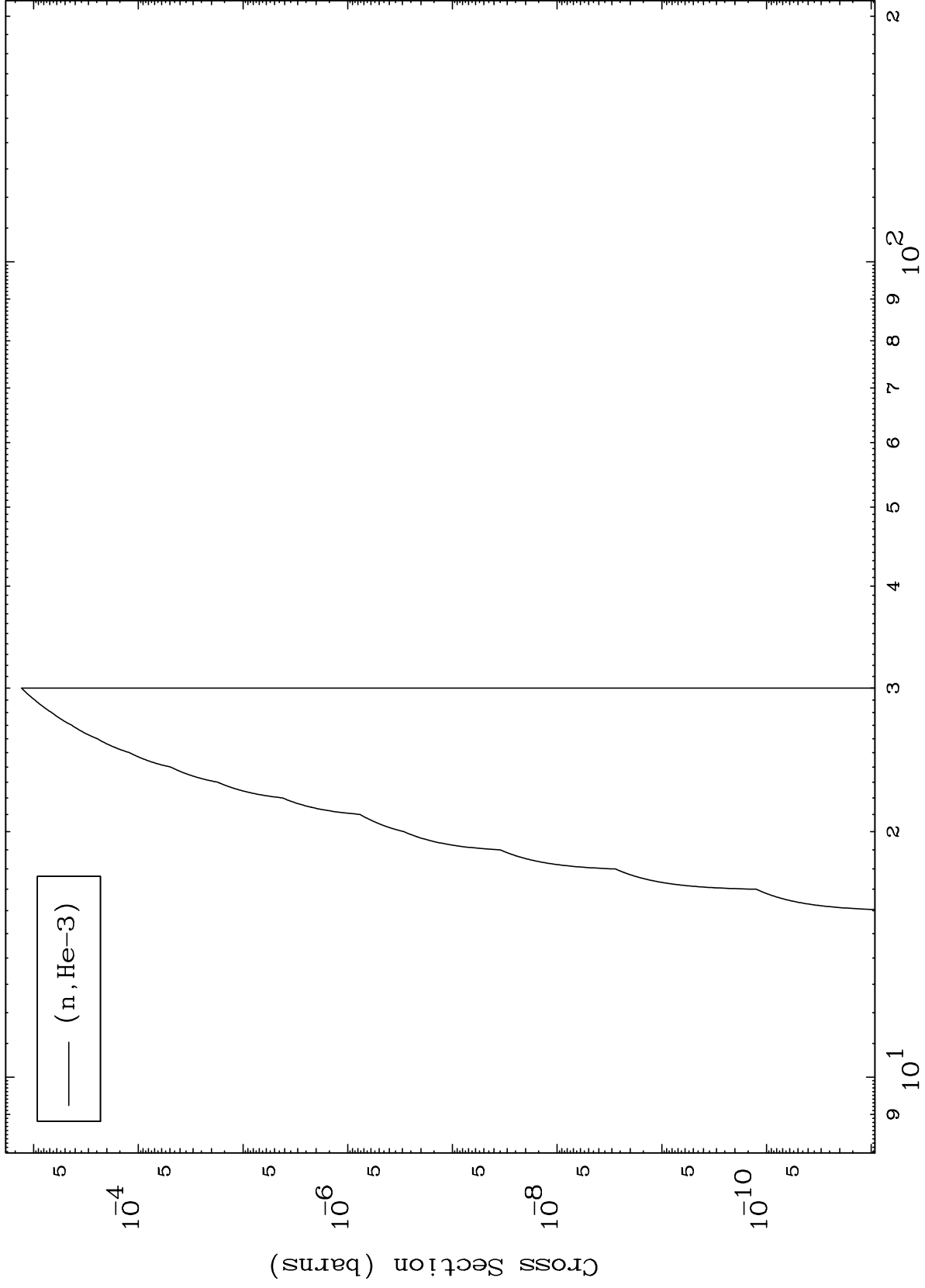
Incident Energy (MeV)

13

MAT 5037

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-116



14

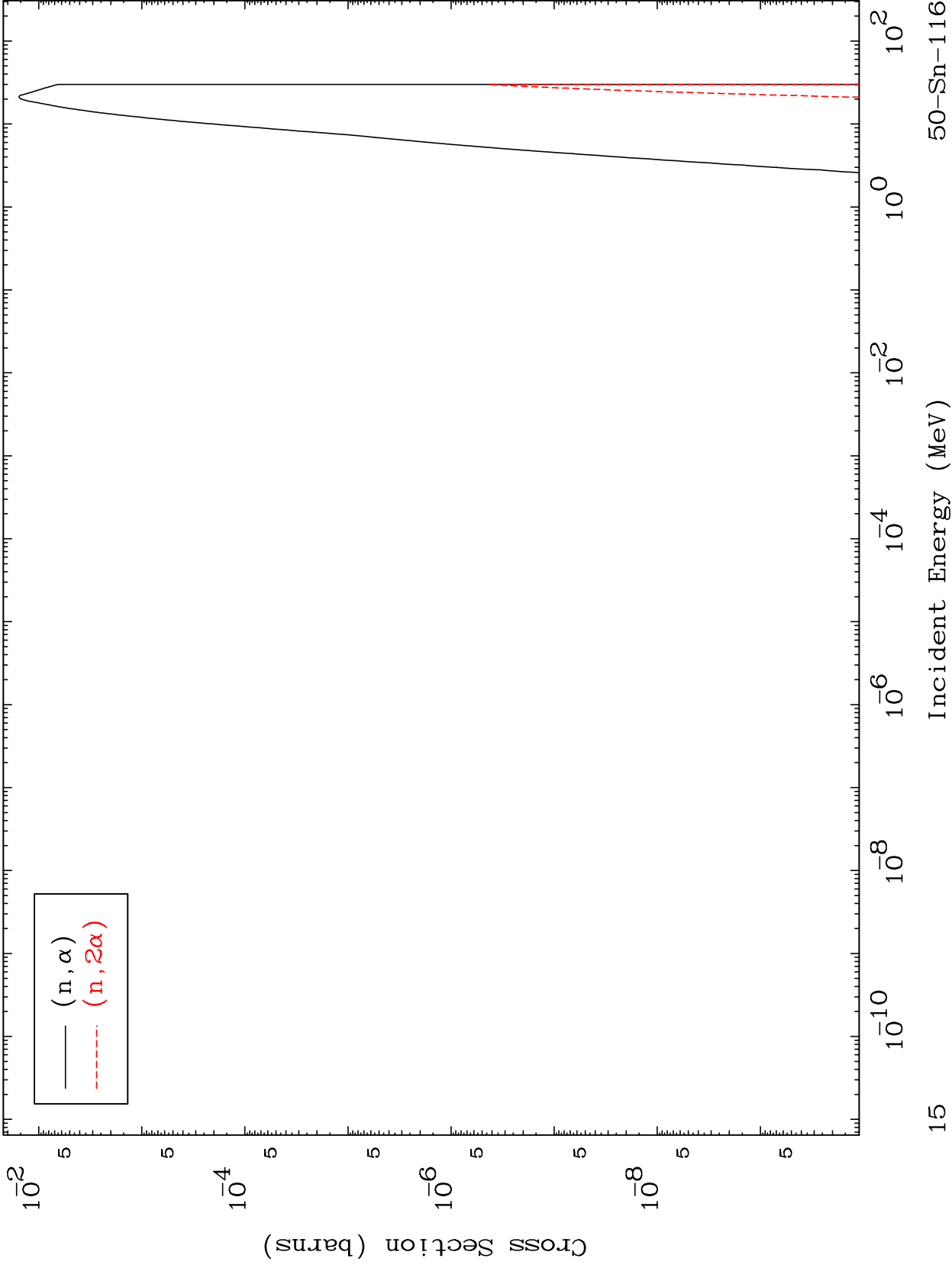
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n, α) Levels
293 Kelvin Cross Sections

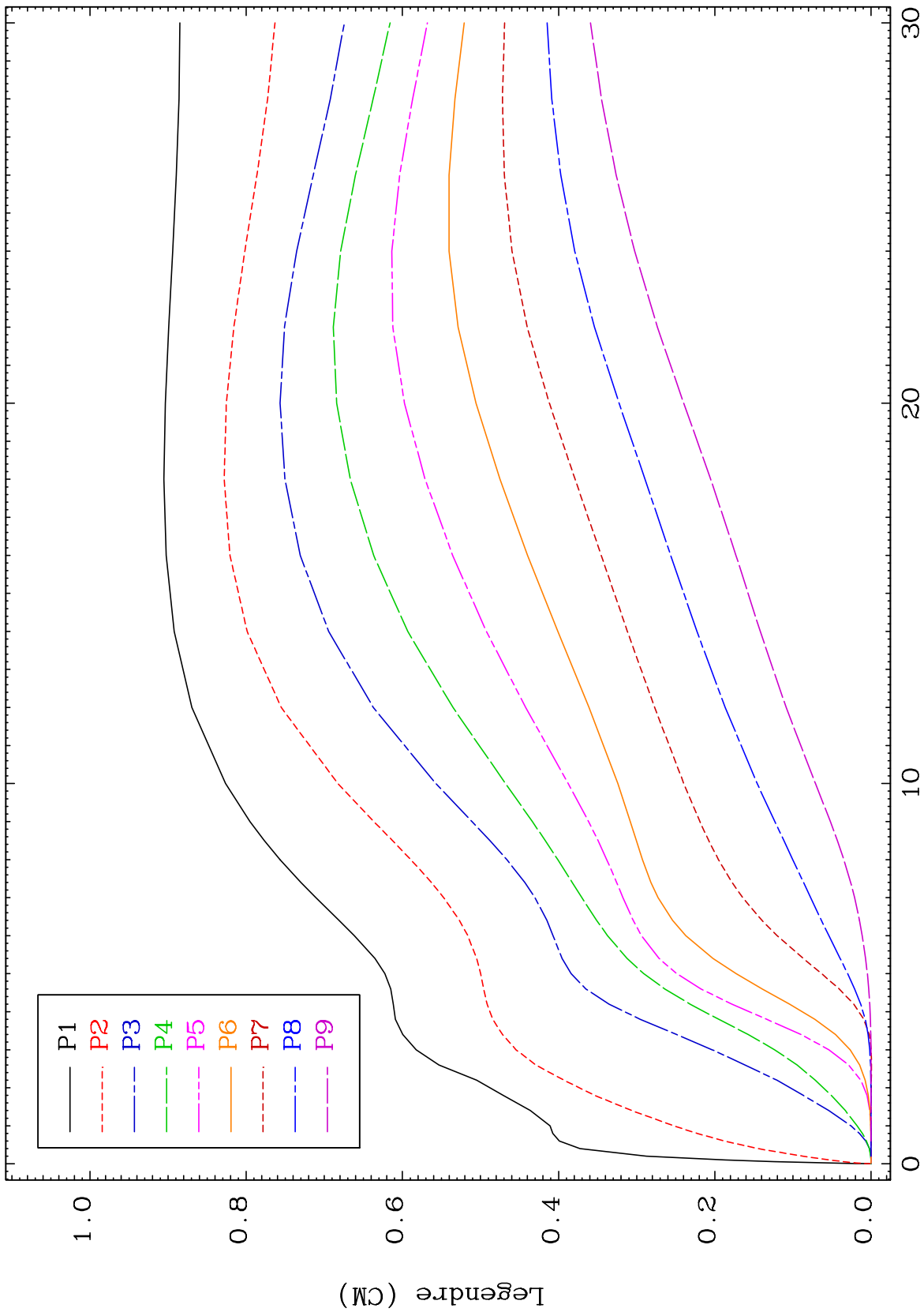
50-Sn-116



MAT 5037

Elastic Legendre Coefficients

50-Sn-116



16

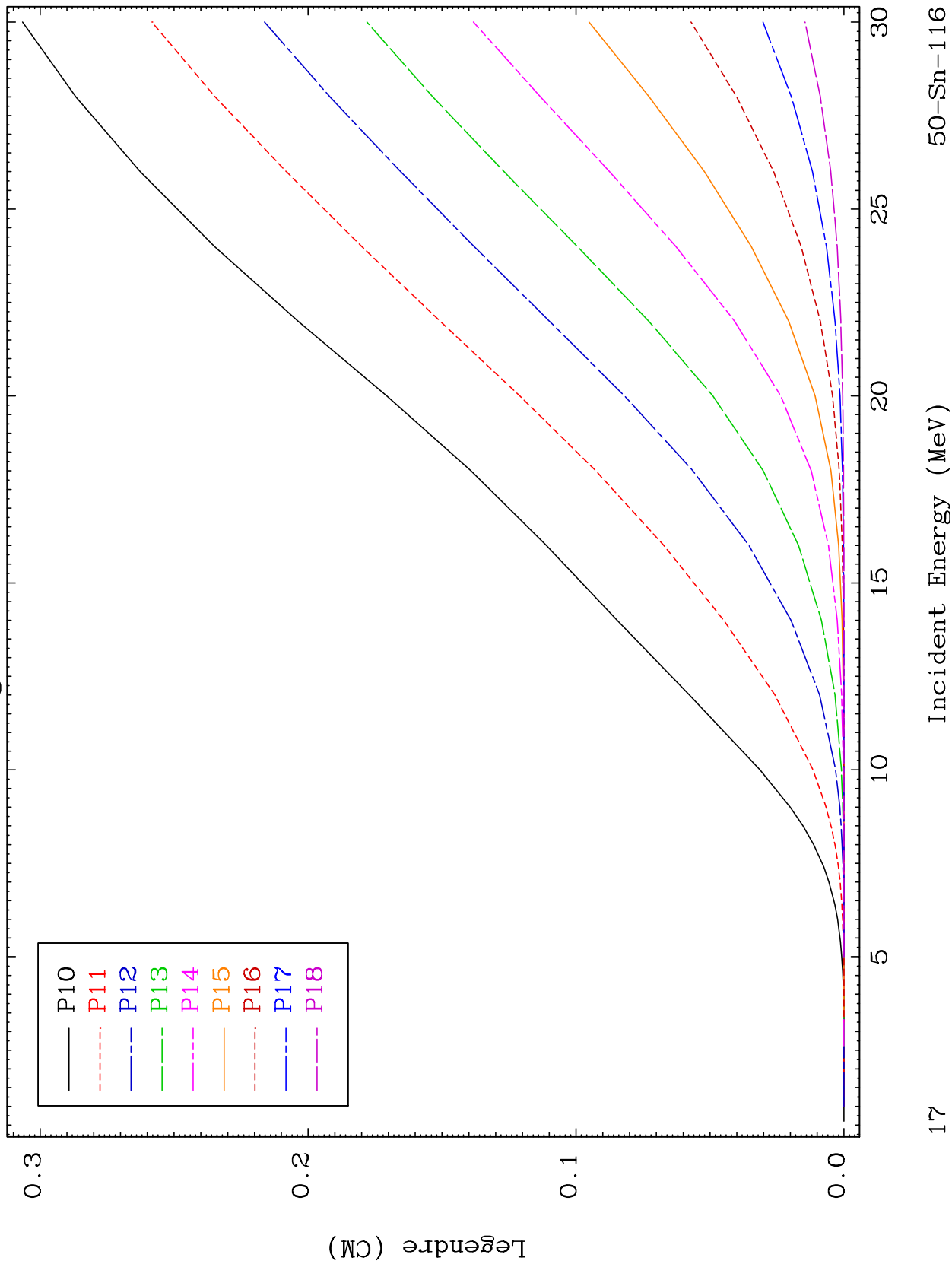
Incident Energy (MeV)

50-Sn-116

MAT 5037

Elastic Legendre Coefficients

50-Sn-116

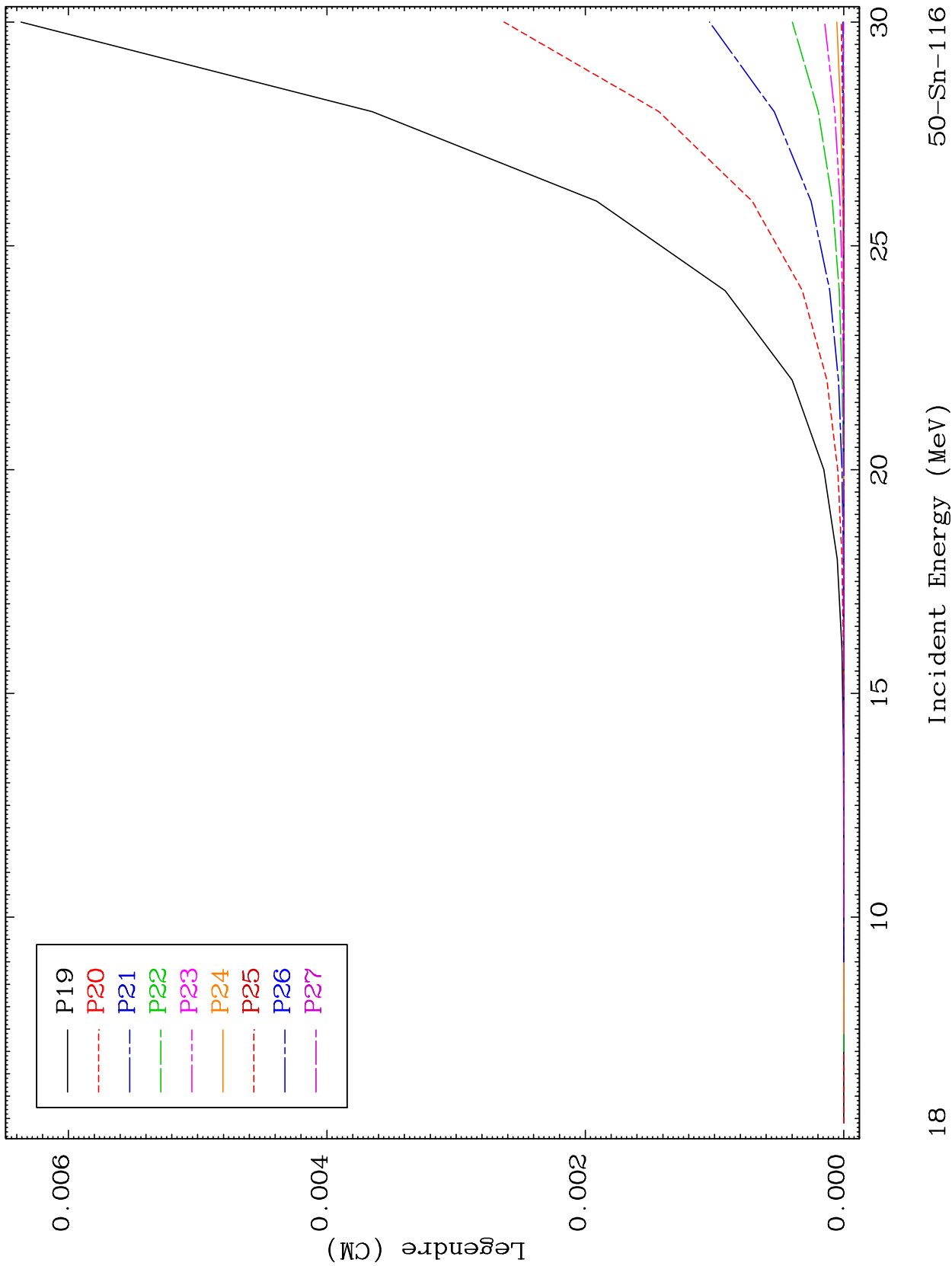


17

MAT 5037

Elastic Legendre Coefficients

50-Sn-116



18

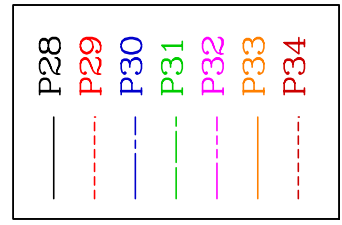
Incident Energy (MeV)

50-Sn-116

MAT 5037

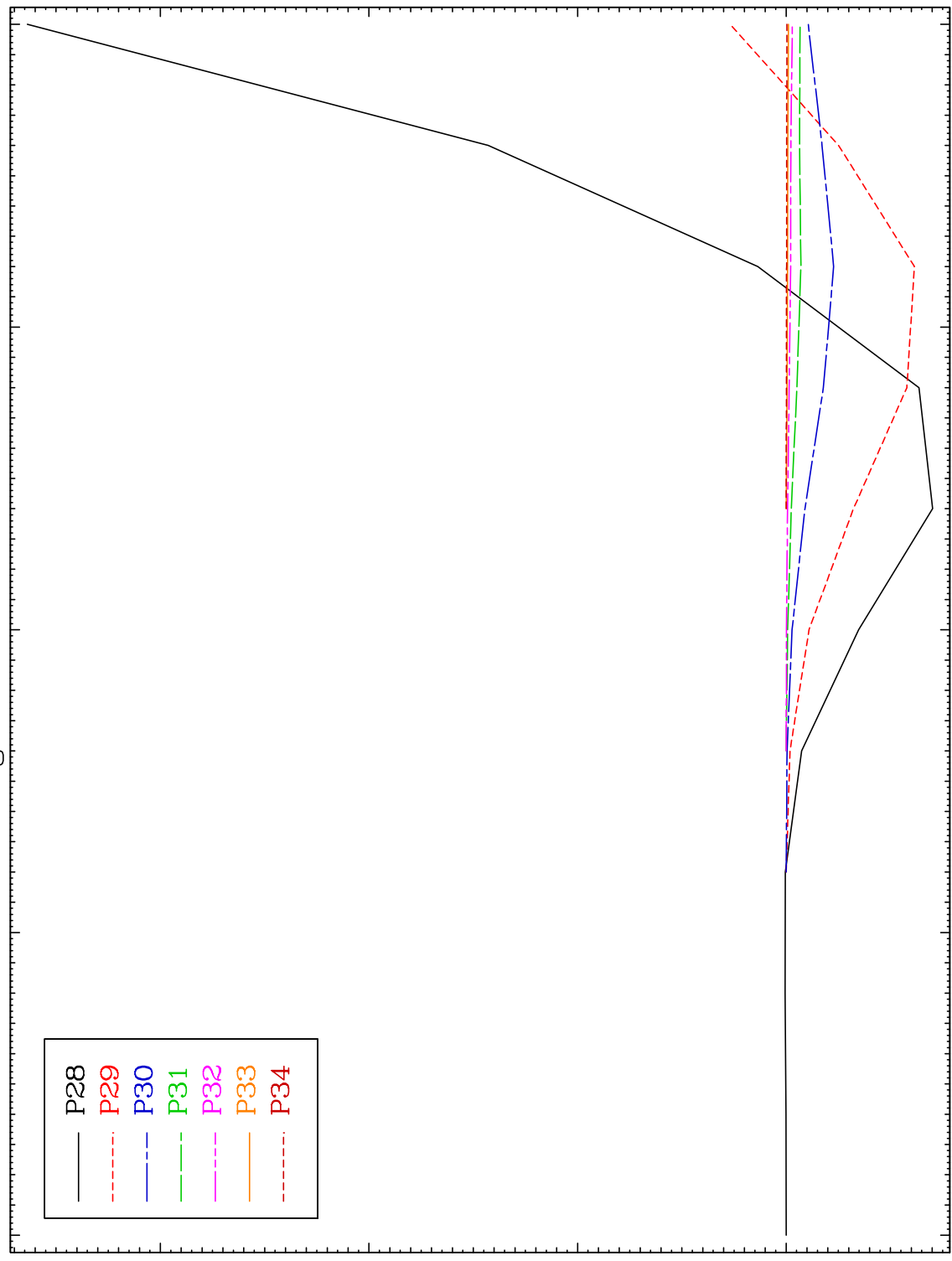
Elastic
Legendre Coefficients

50-Sn-116



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

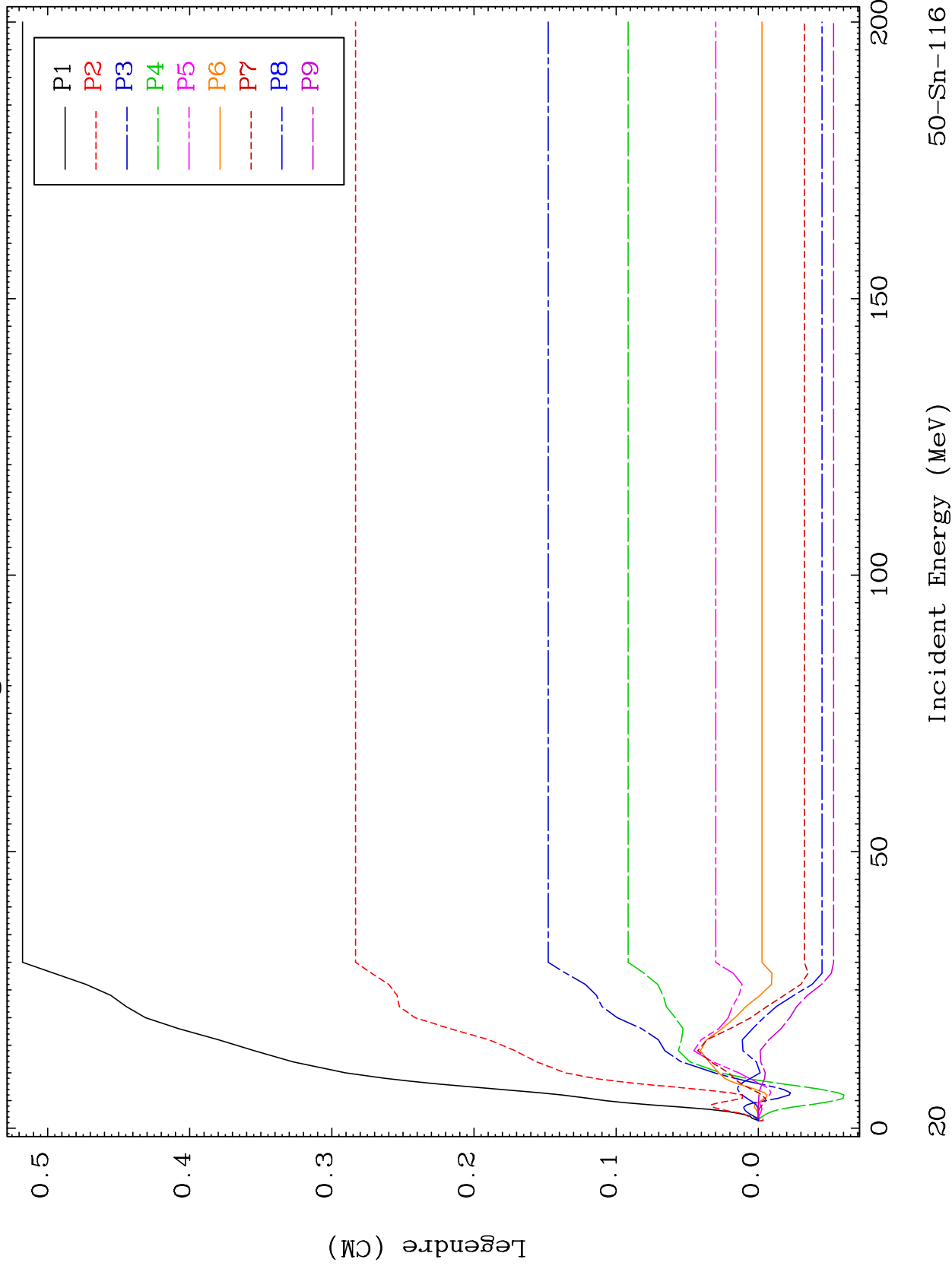
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

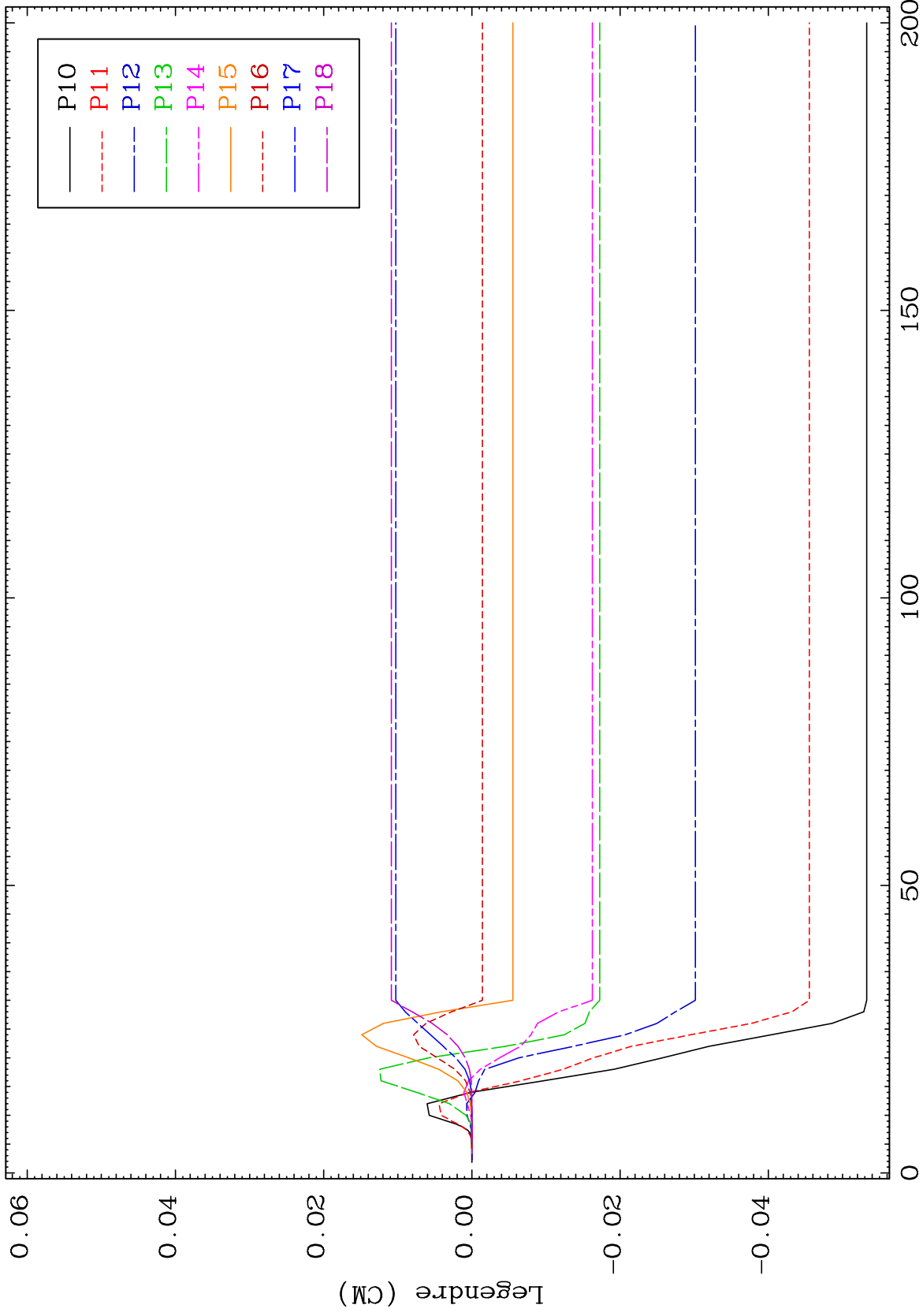
50-Sn-116



MAT 5037

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

50-Sn-116



21

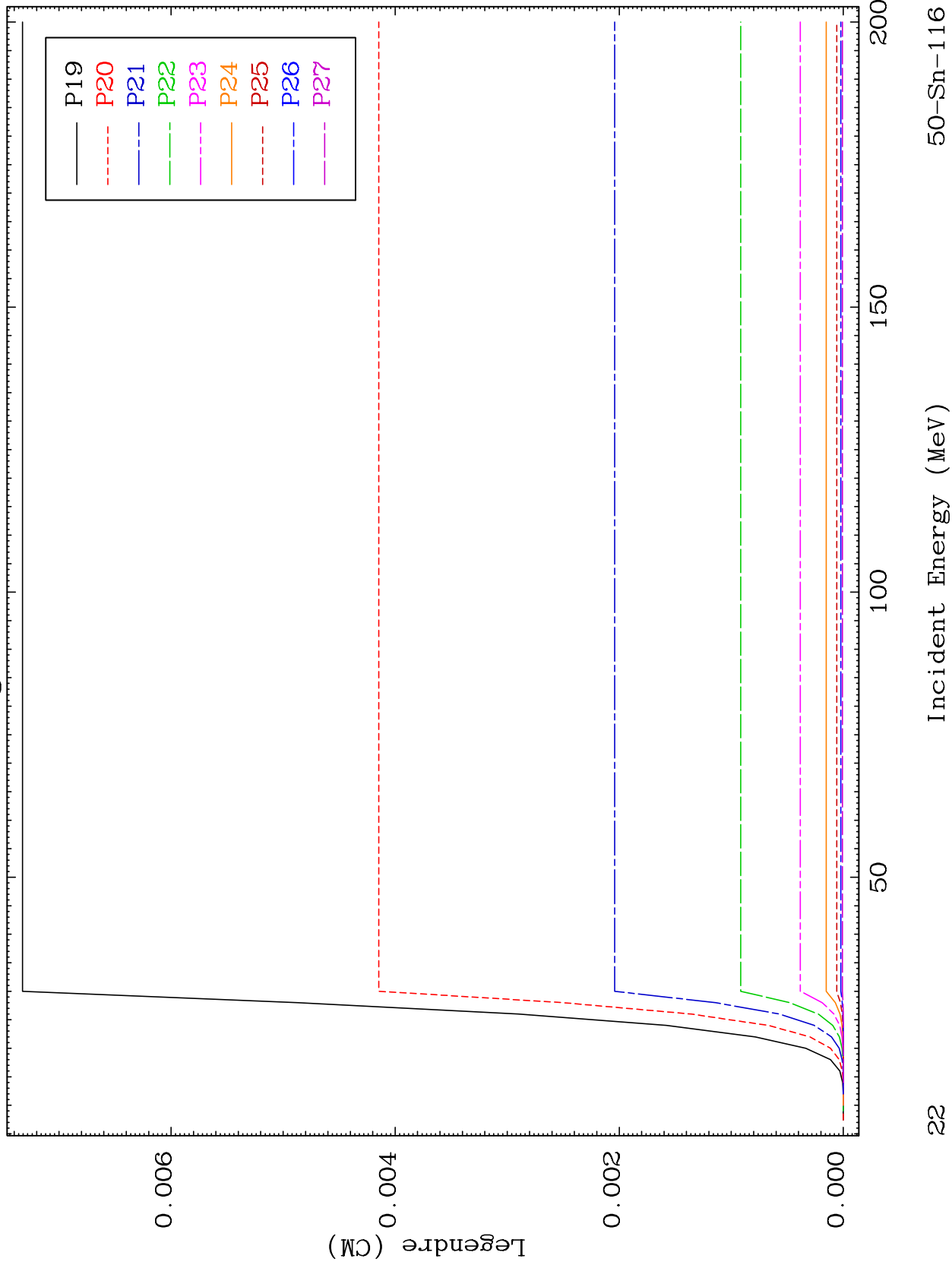
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



22

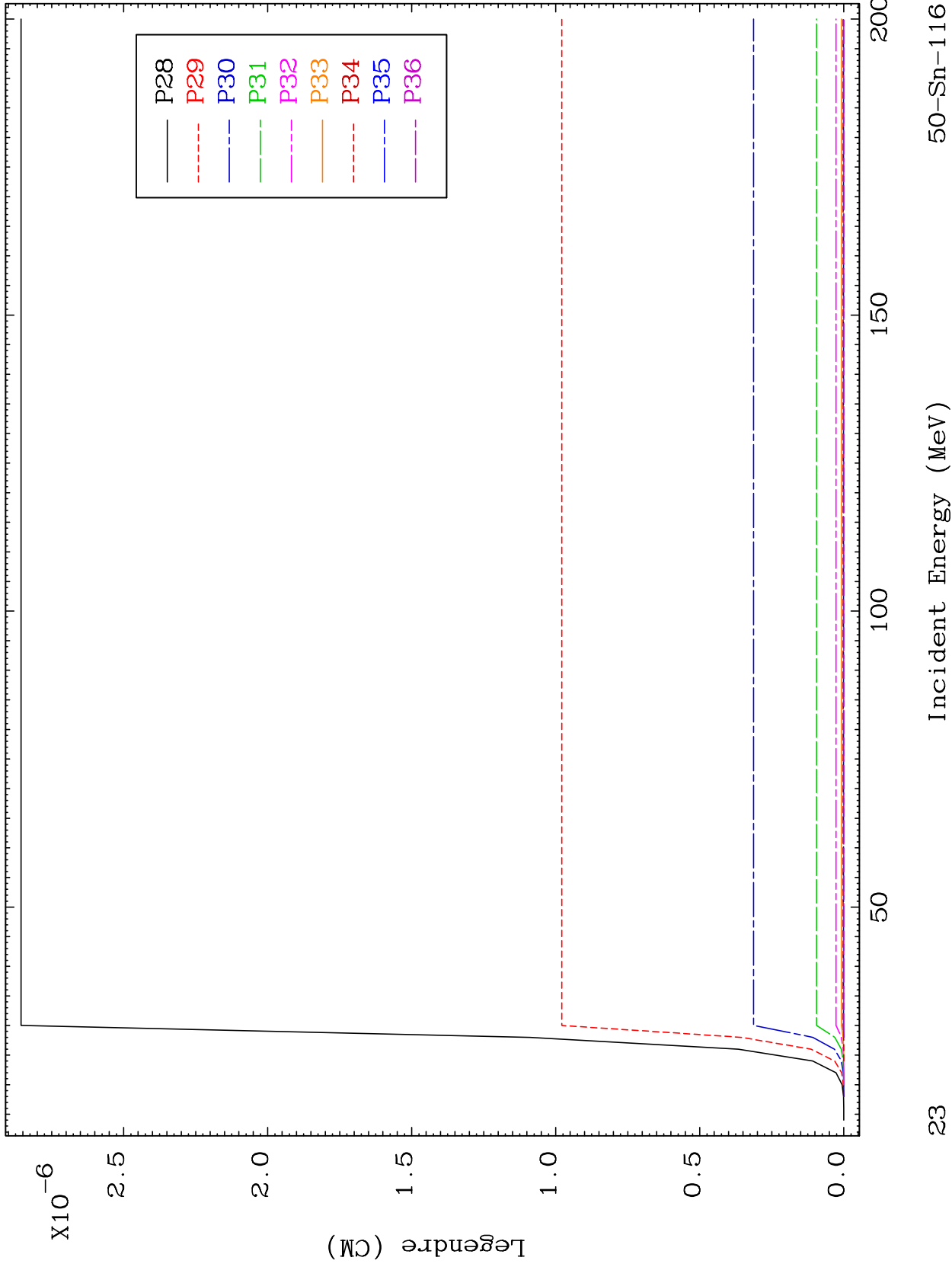
Incident Energy (MeV)

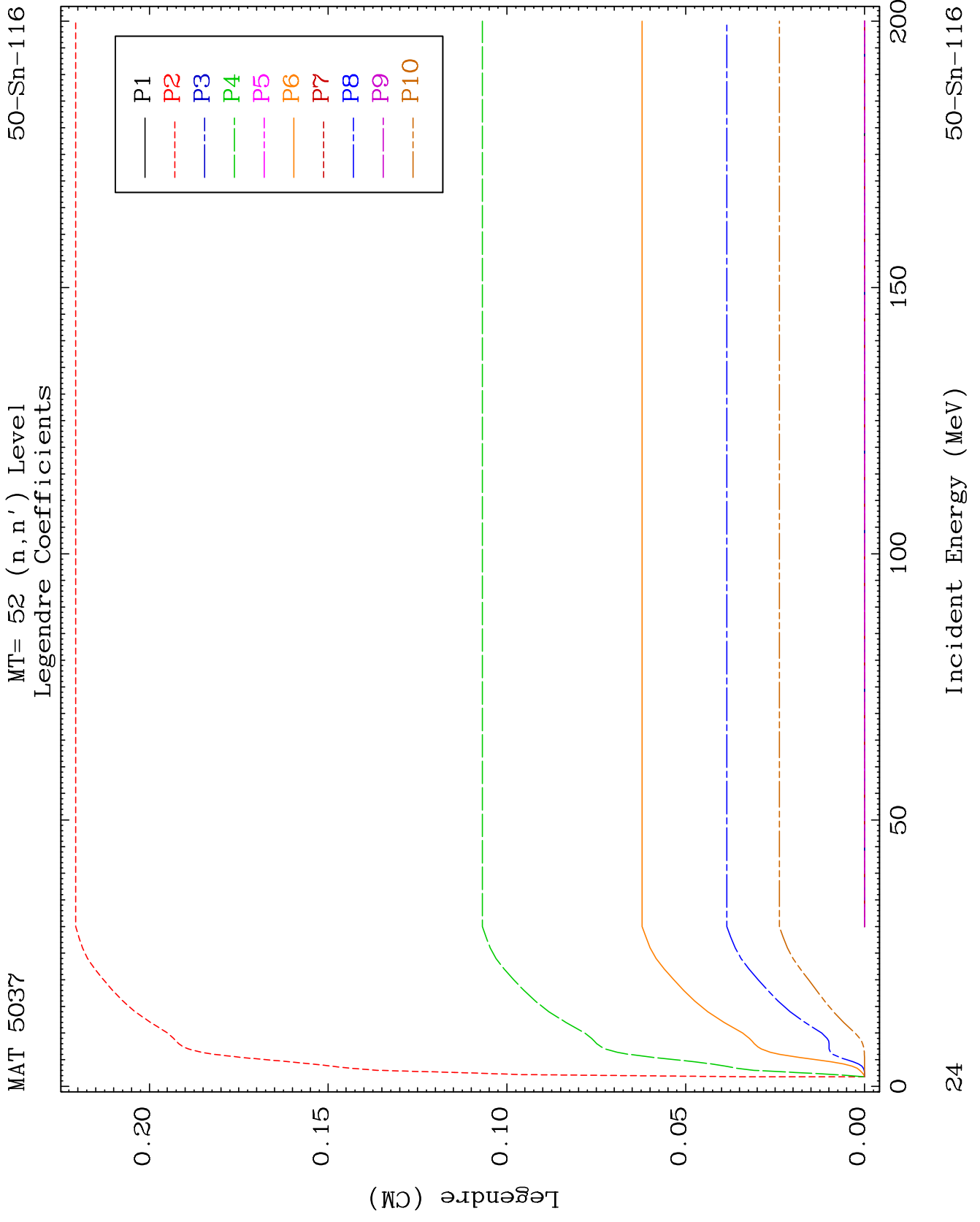
50-Sn-116

MAT 5037

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

50-Sn-116

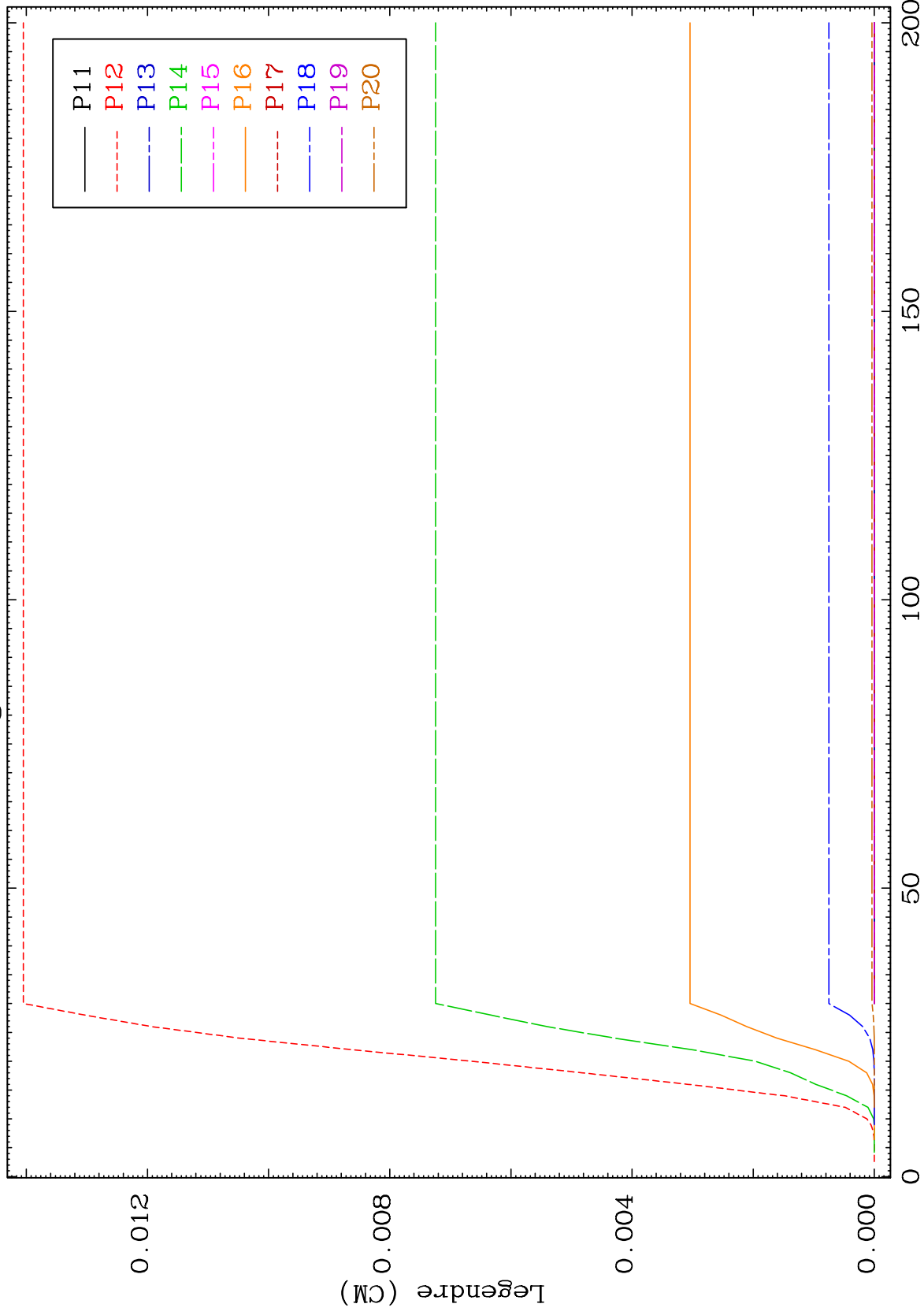




MAT 5037

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

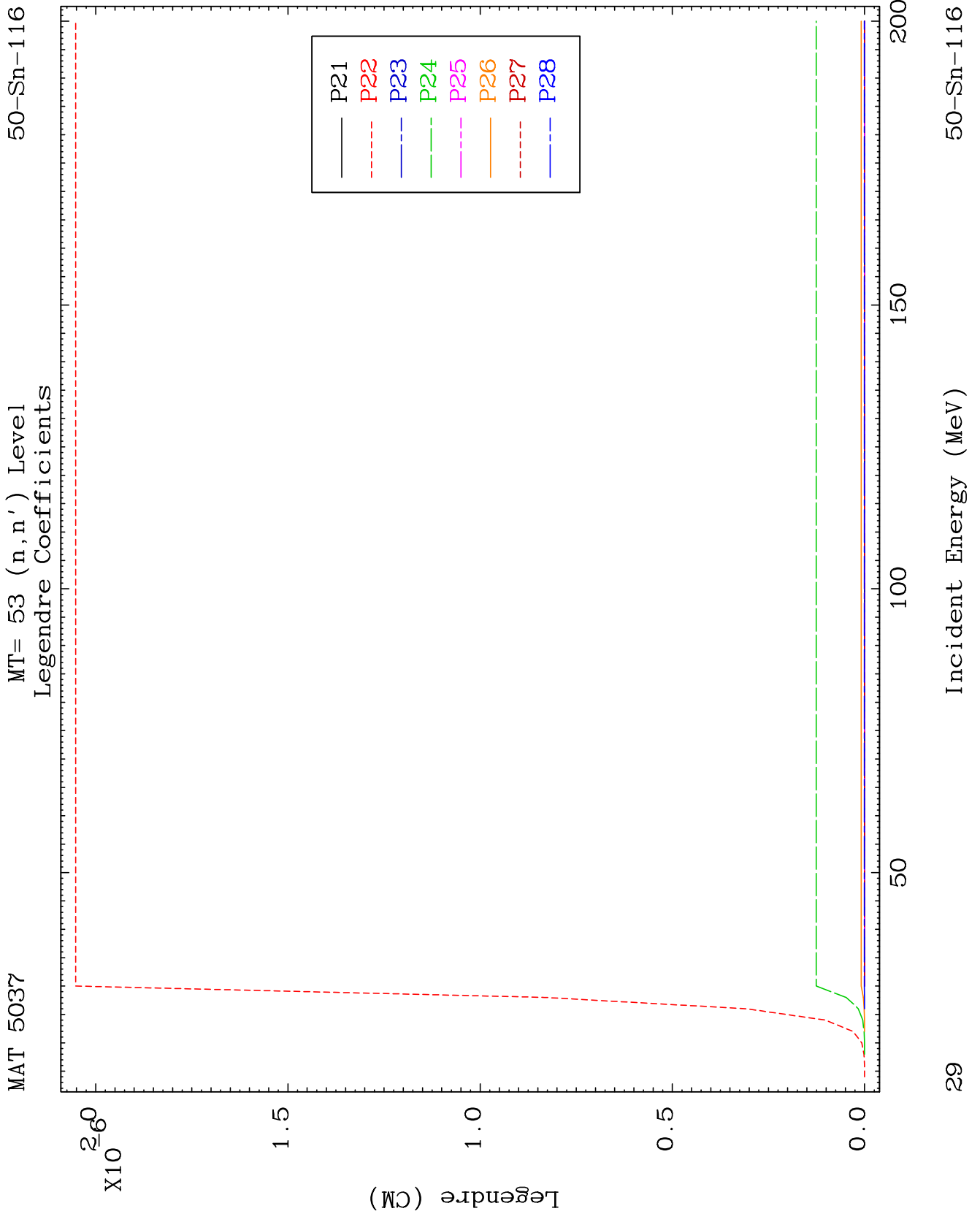
50-Sn-116



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Incident Energy (MeV)

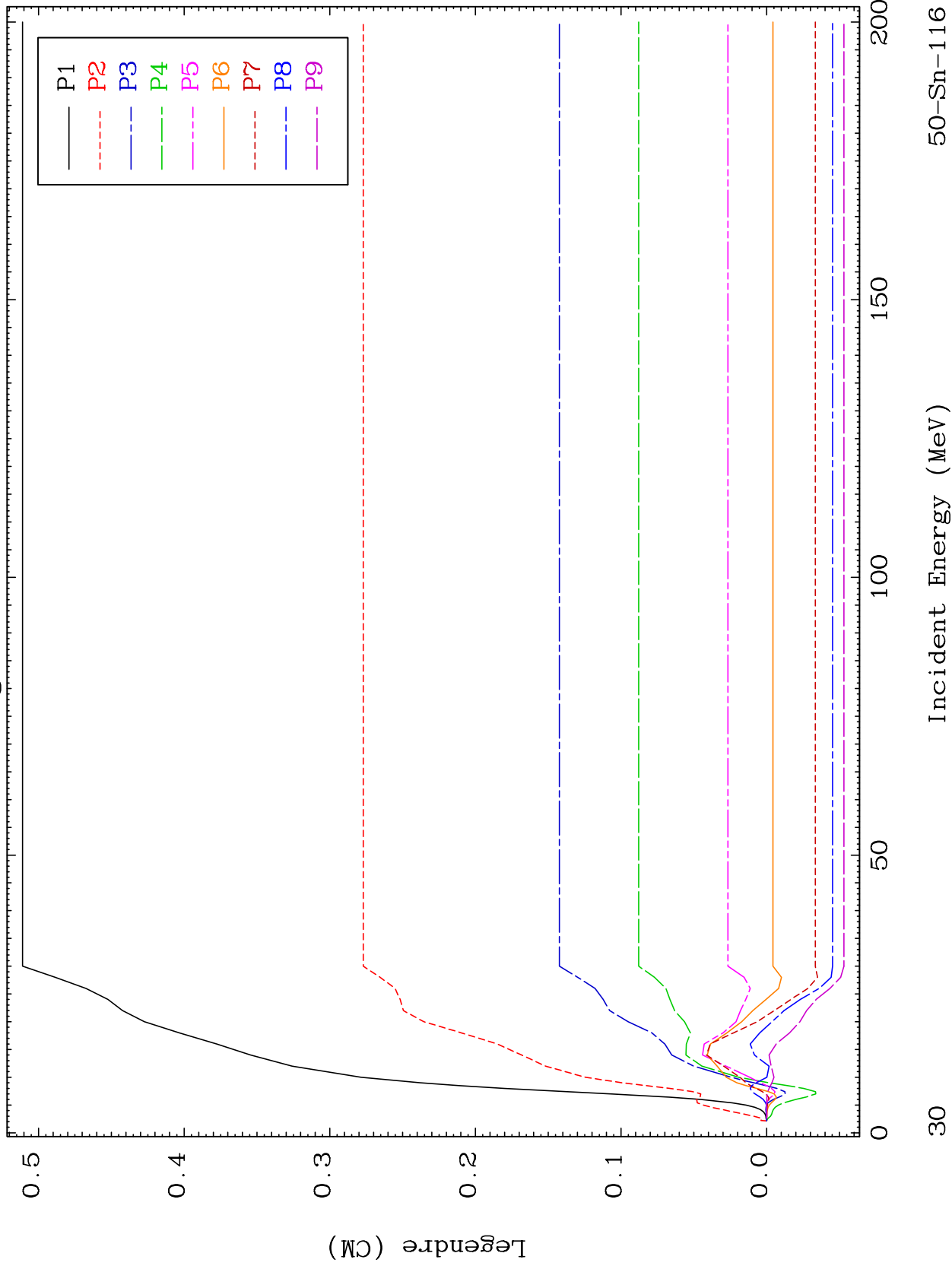
50-Sn-116



MAT 5037

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

50-Sn-116



50-Sn-116

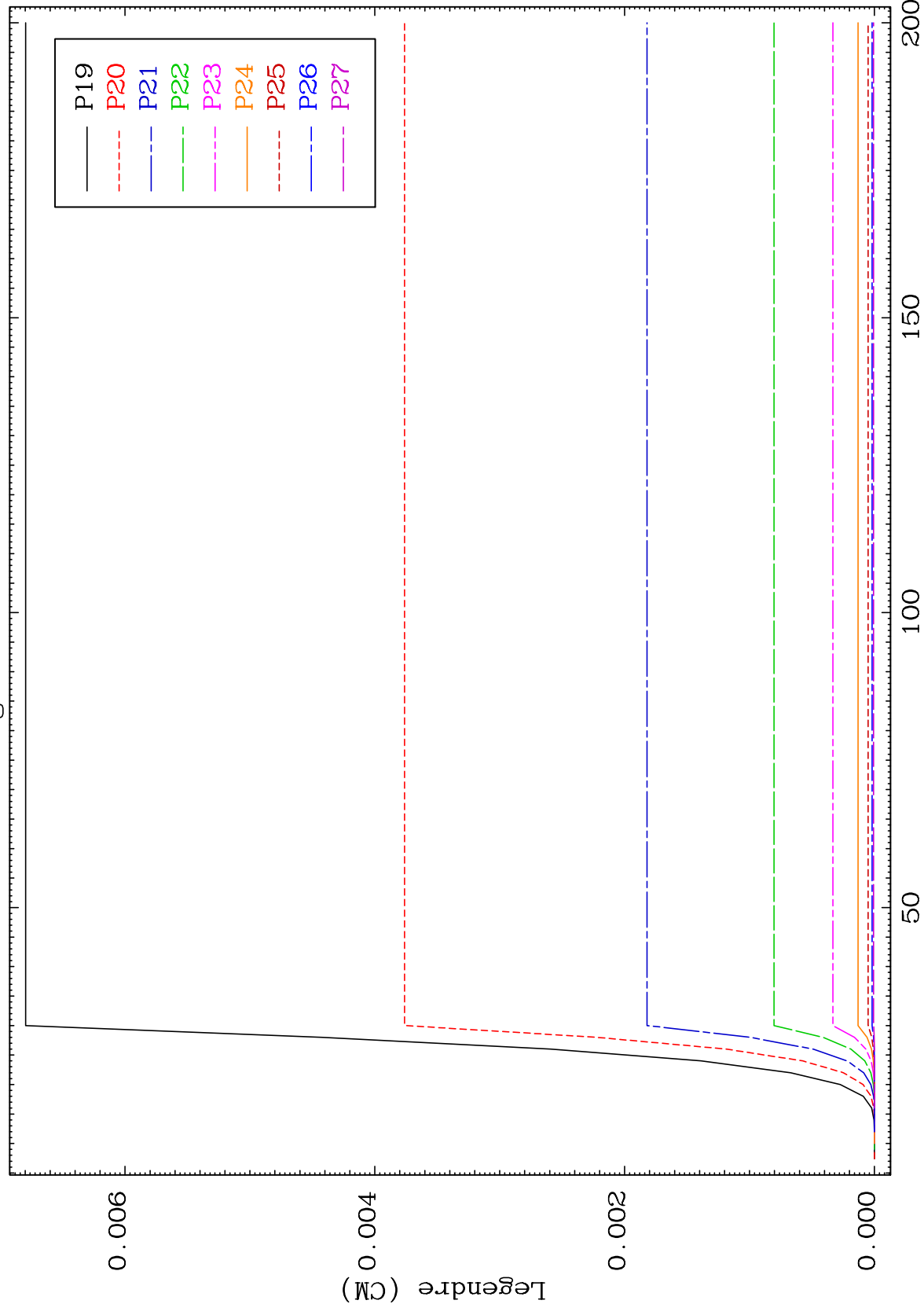
Incident Energy (MeV)

30

MAT 5037

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

50-Sn-116



32

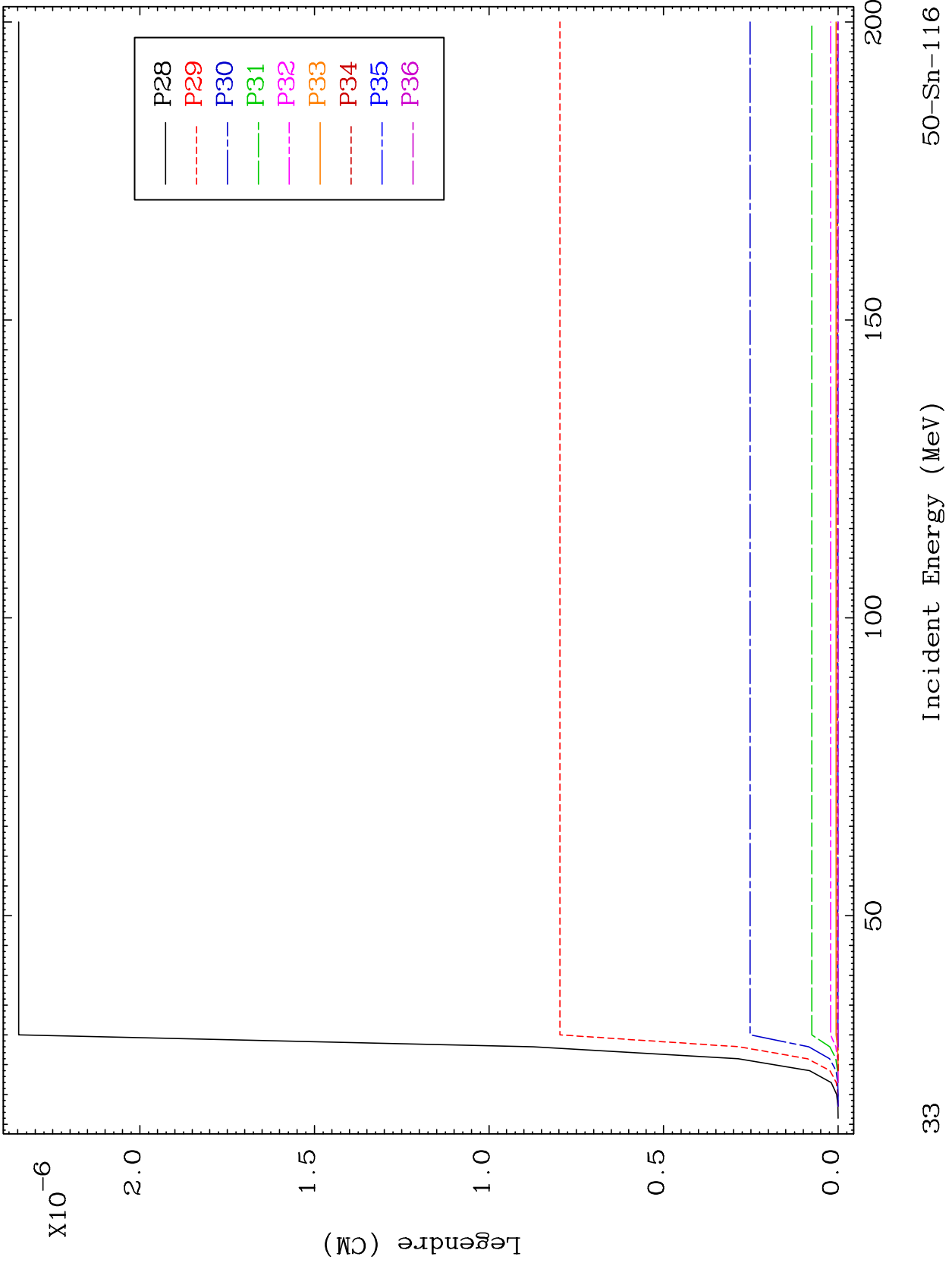
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



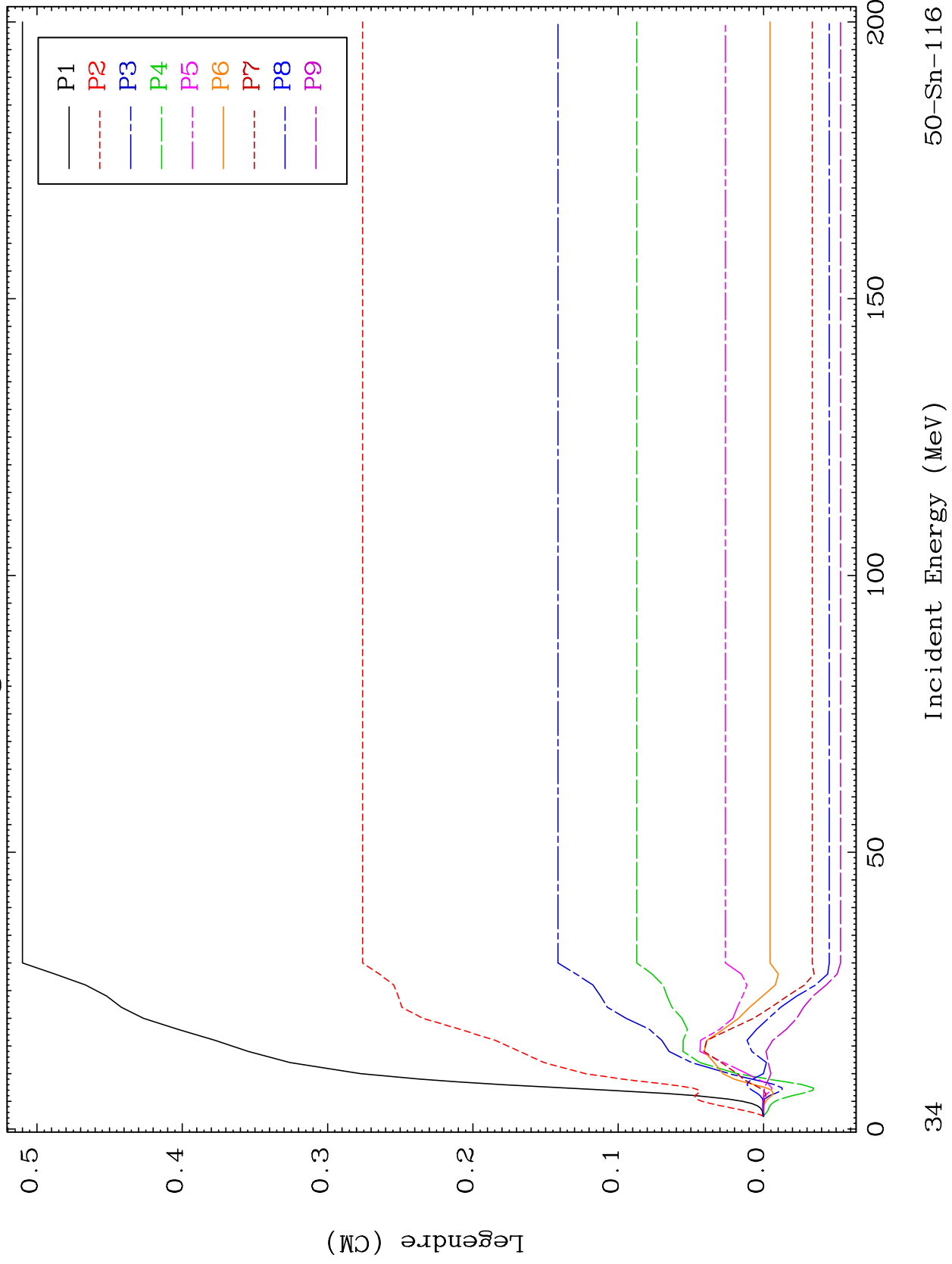
33

50-Sn-116

MAT 5037

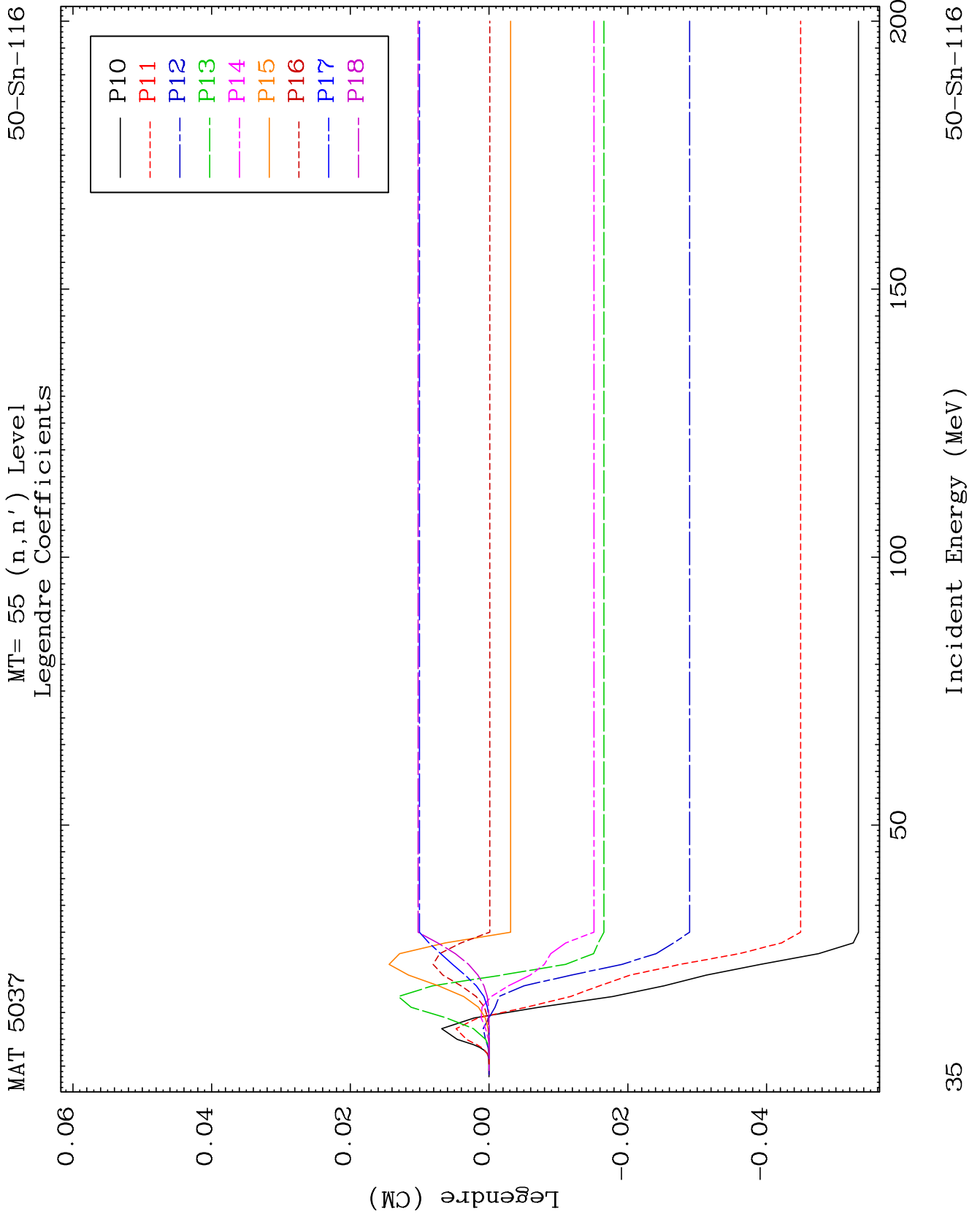
MT= 55 (n,n') Level
Legendre Coefficients

50-Sn-116



34

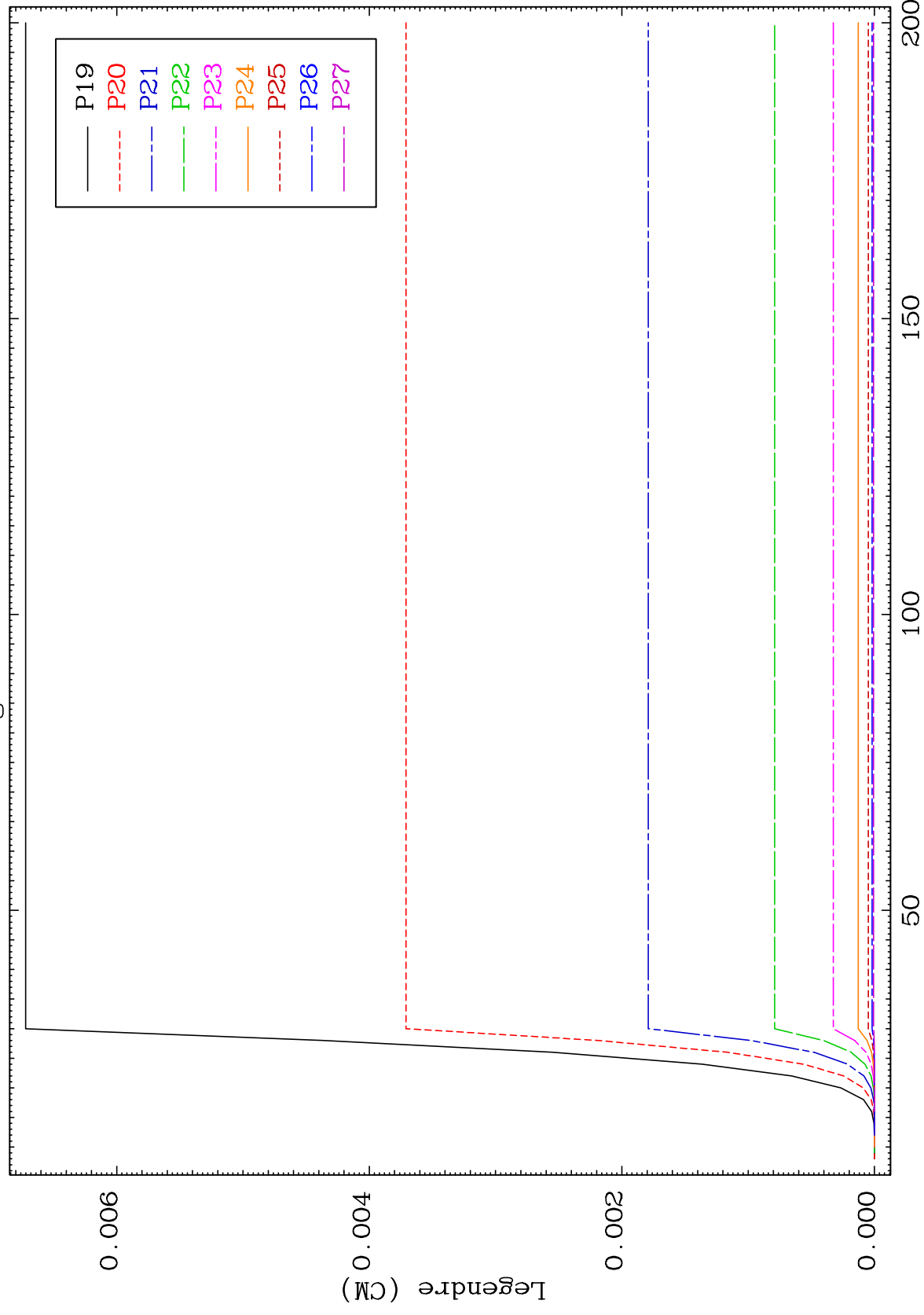
50-Sn-116



MAT 5037

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

50-Sn-116



36

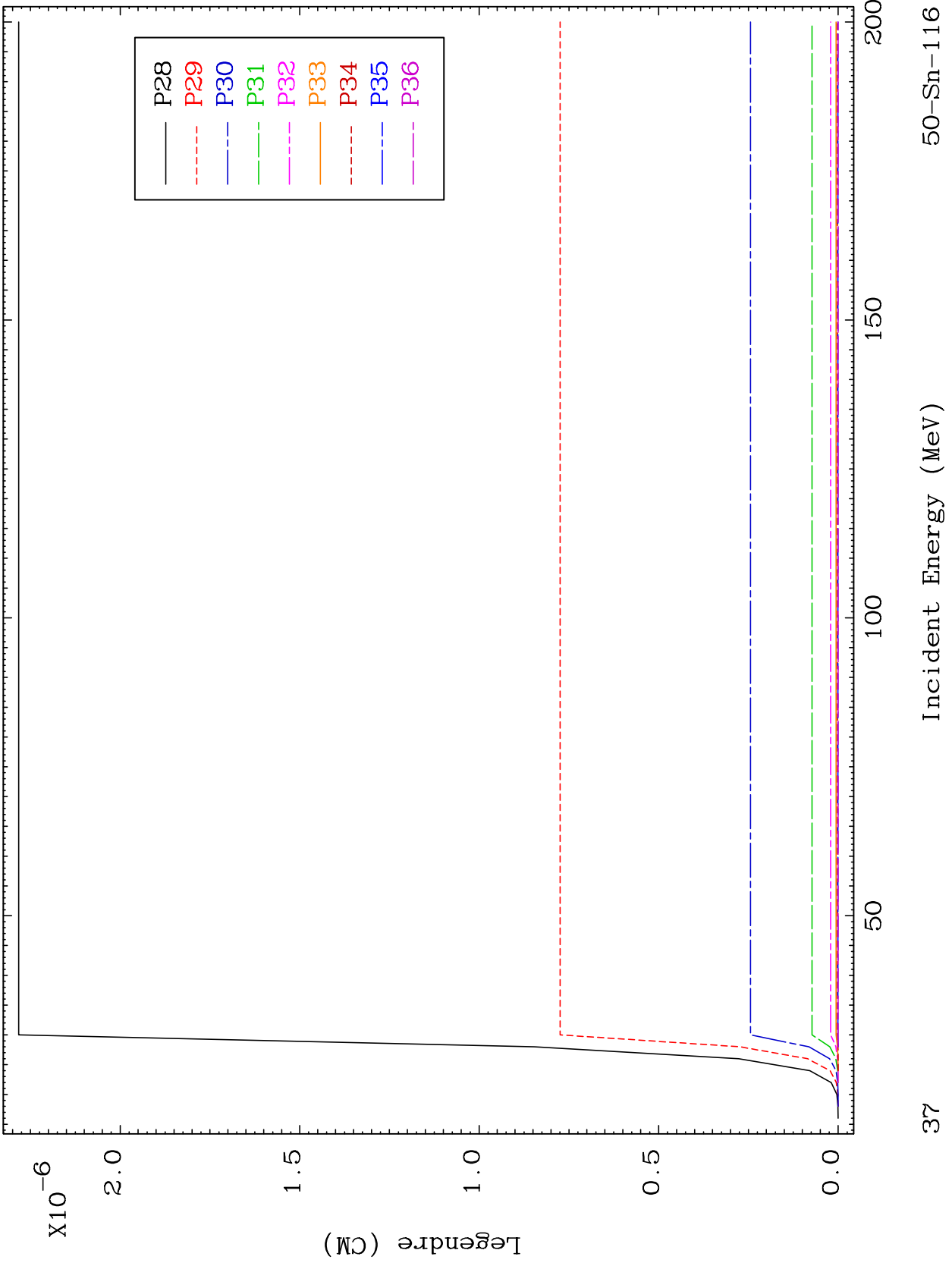
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



37

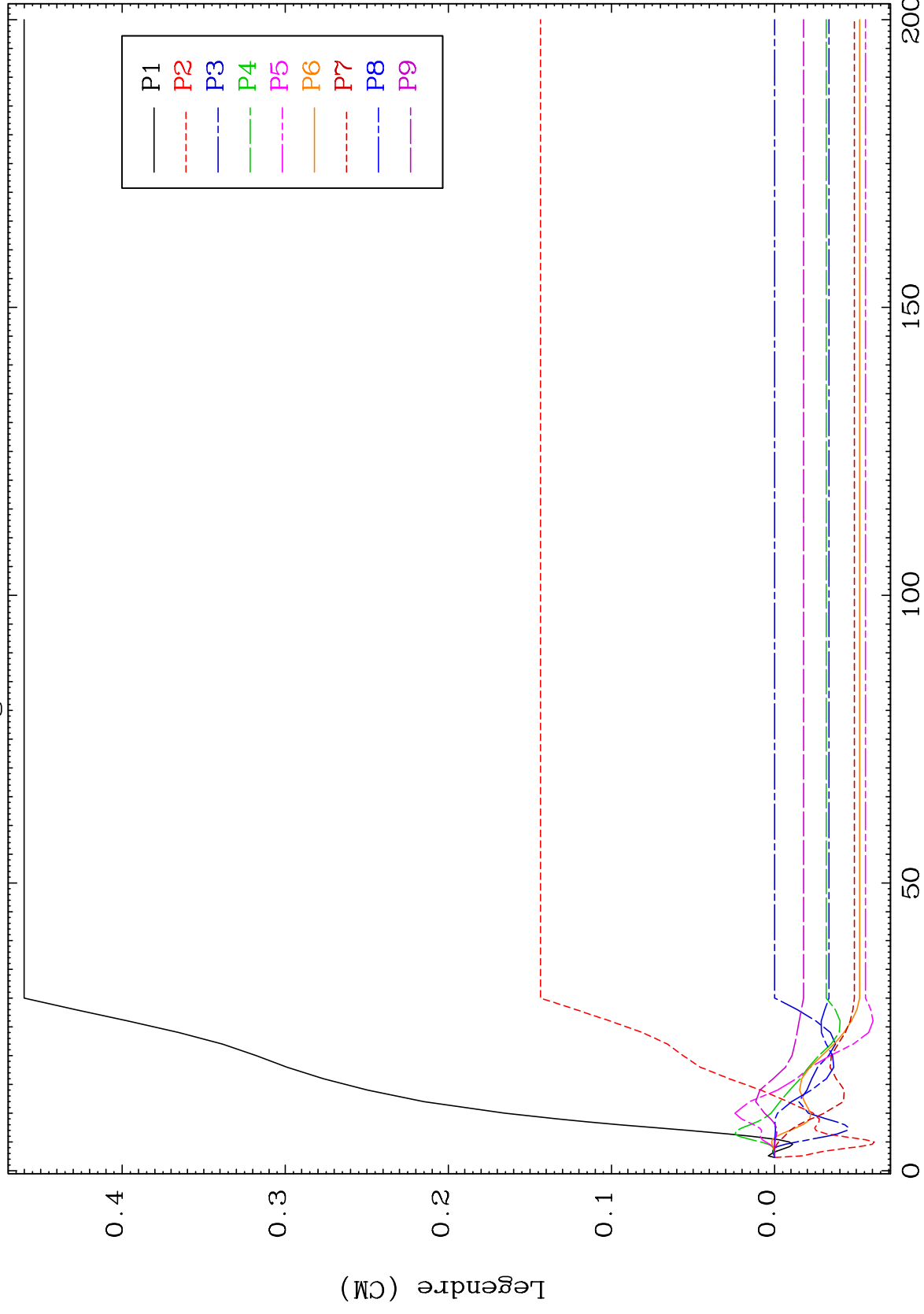
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



50-Sn-116

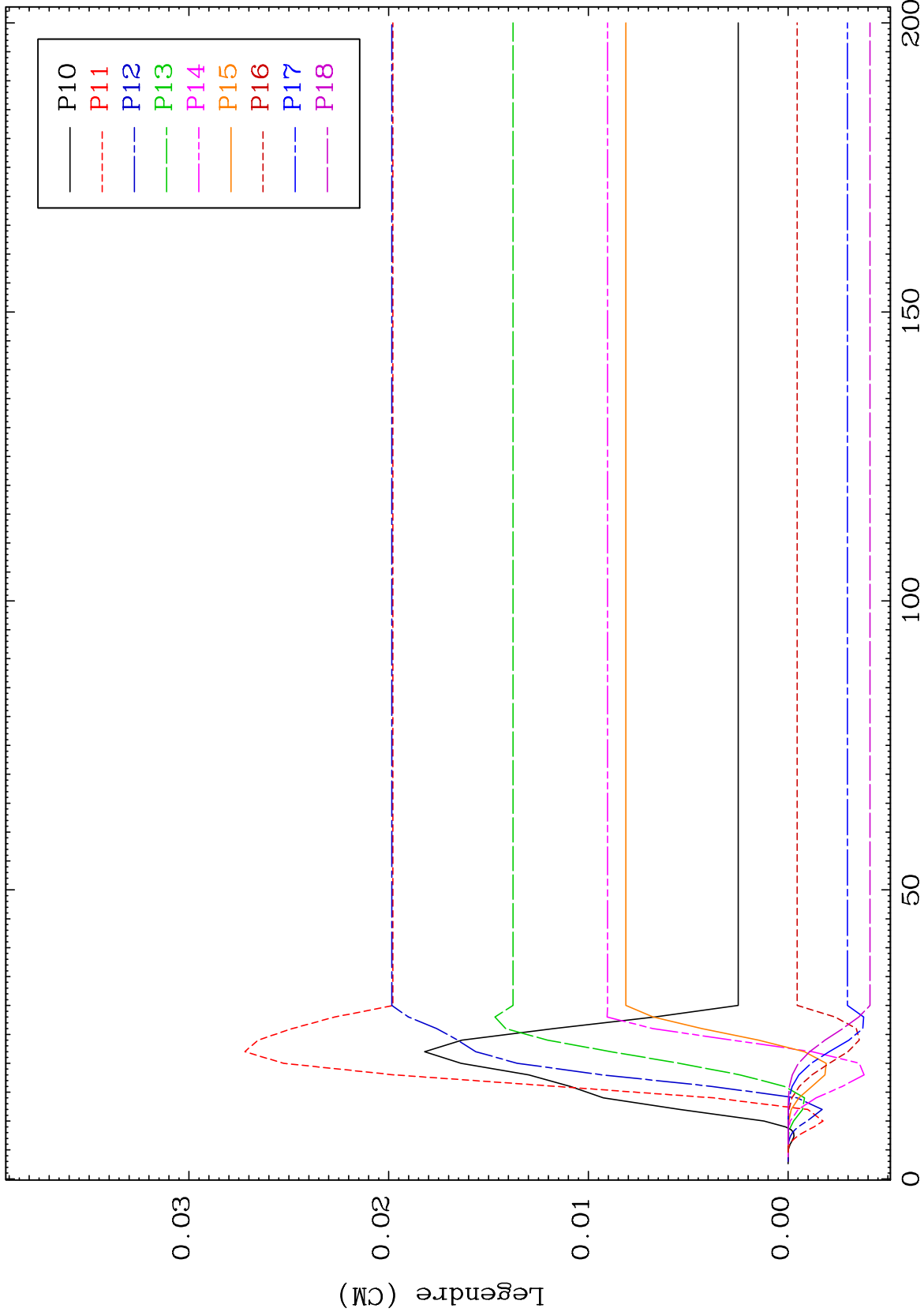
Incident Energy (MeV)

38

MAT 5037

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

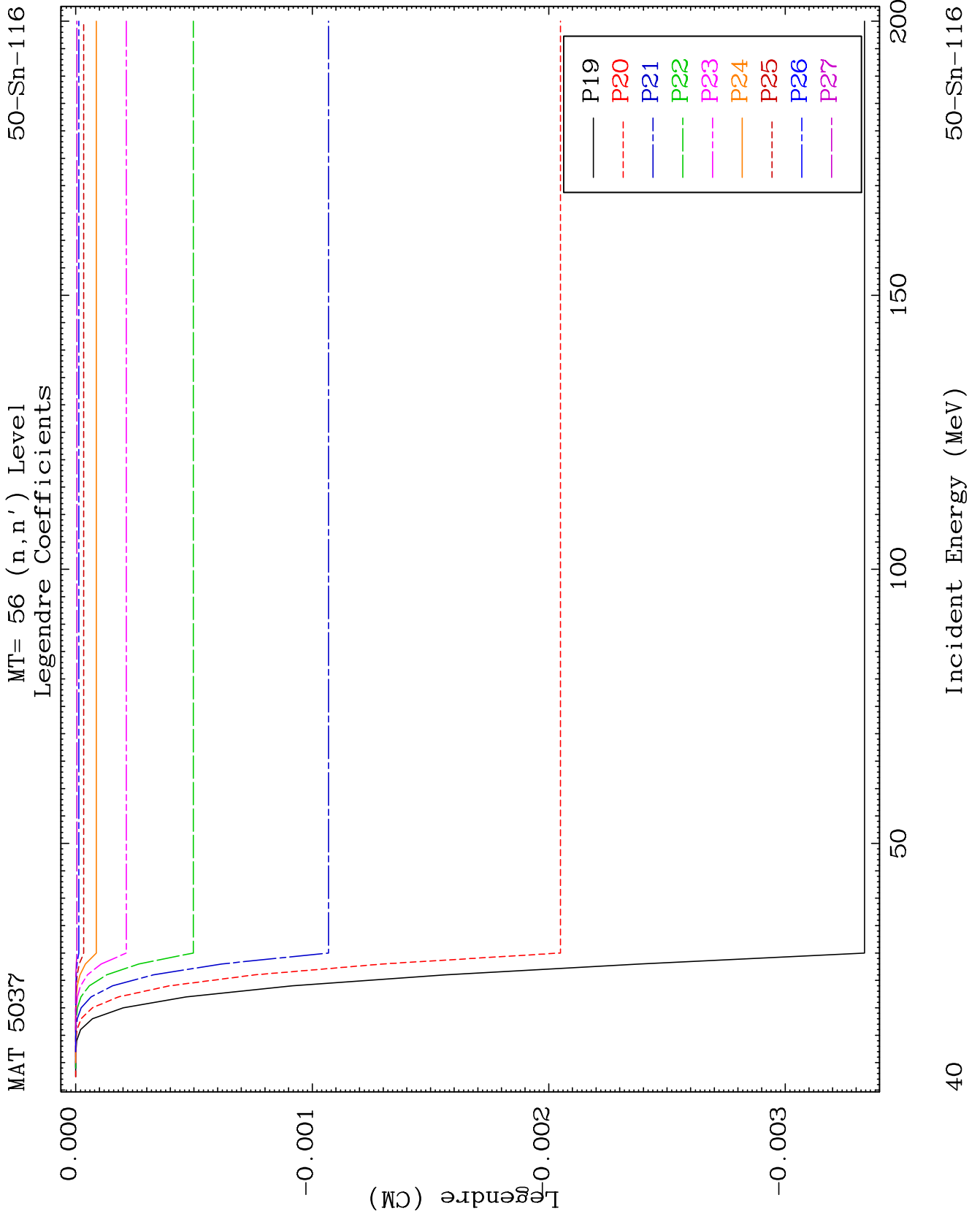
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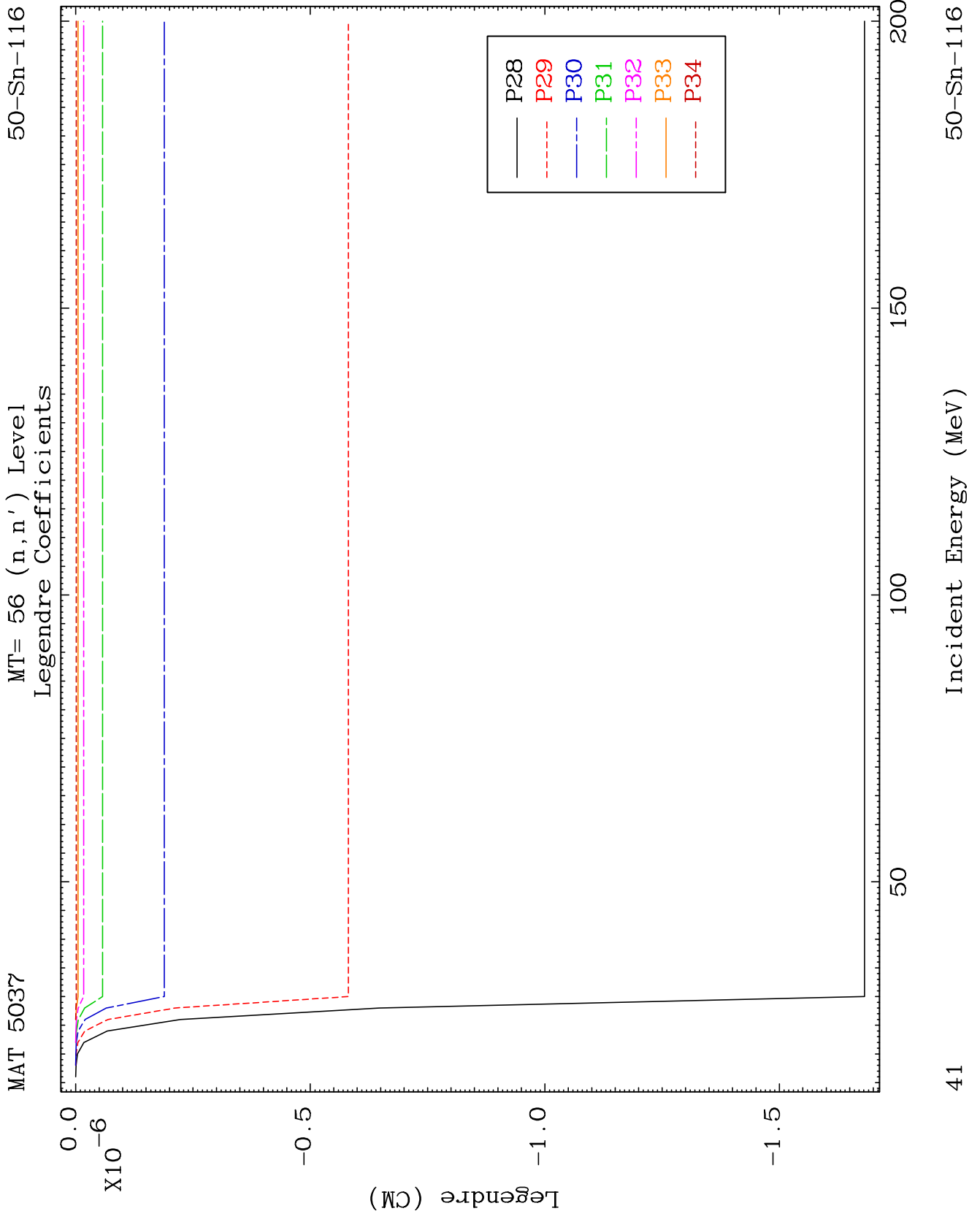


39

Incident Energy (MeV)

50-Sn-116

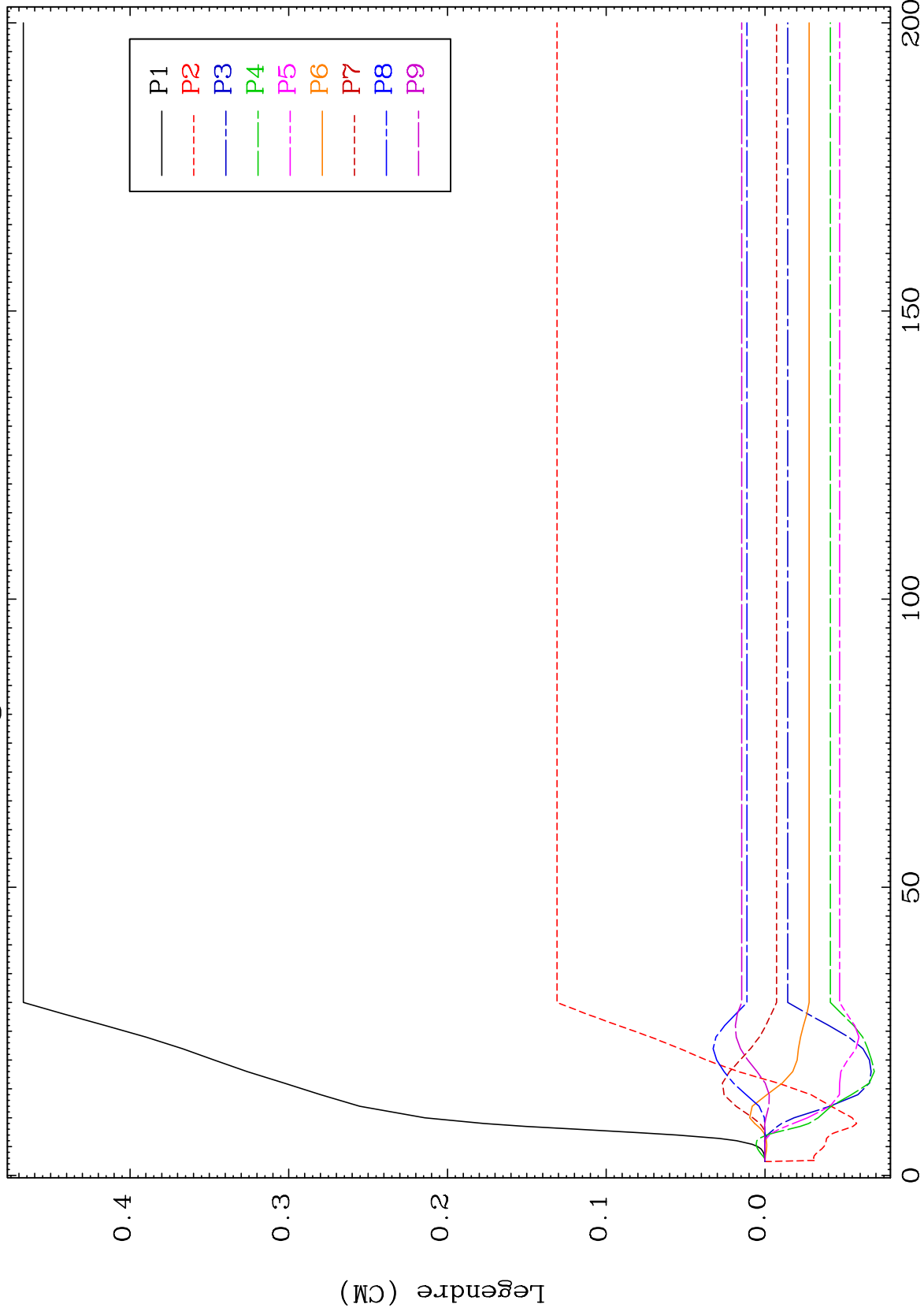




MAT 5037

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

50-Sn-116



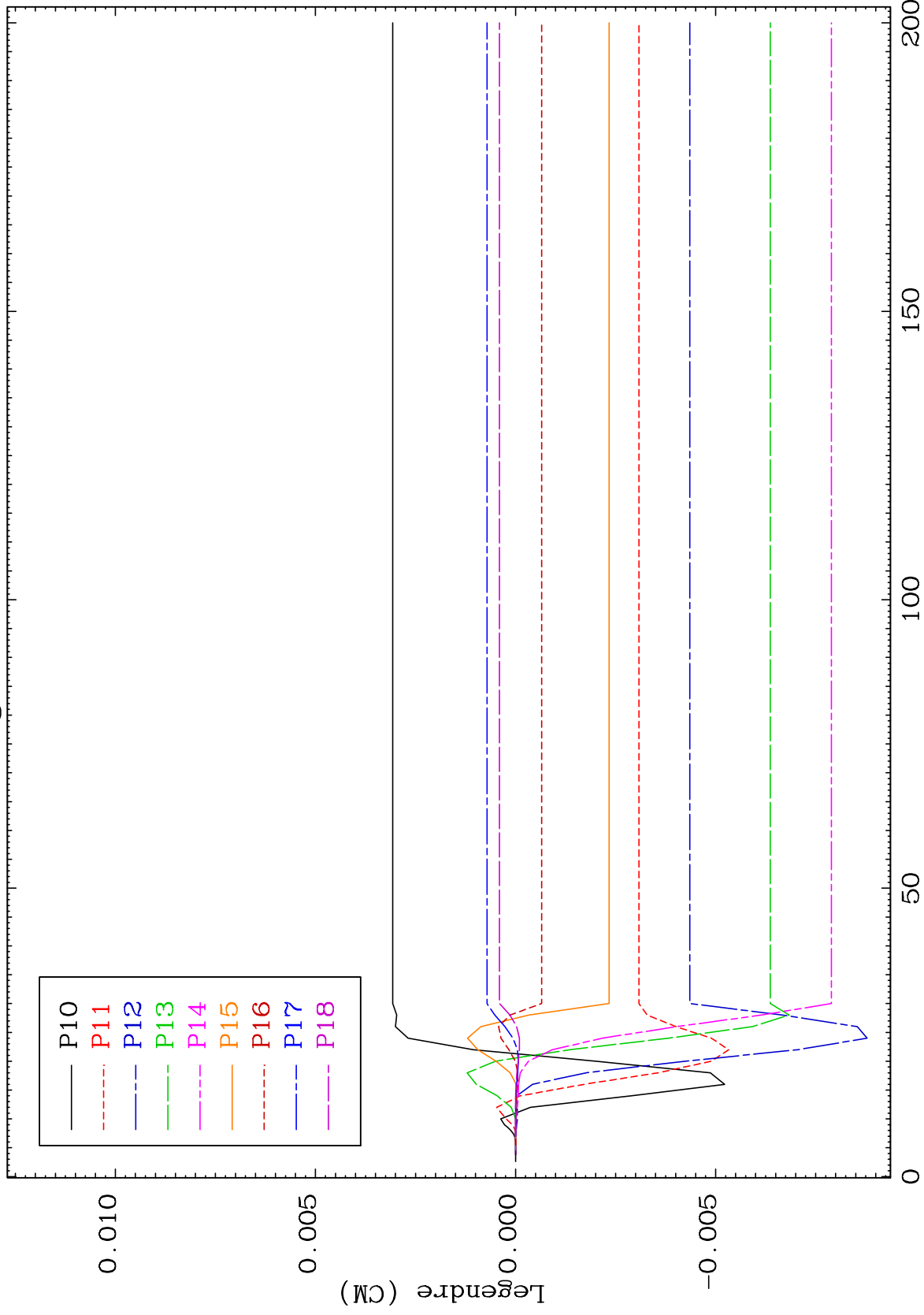
42

50-Sn-116

MAT 5037

50-Sn-116

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



43

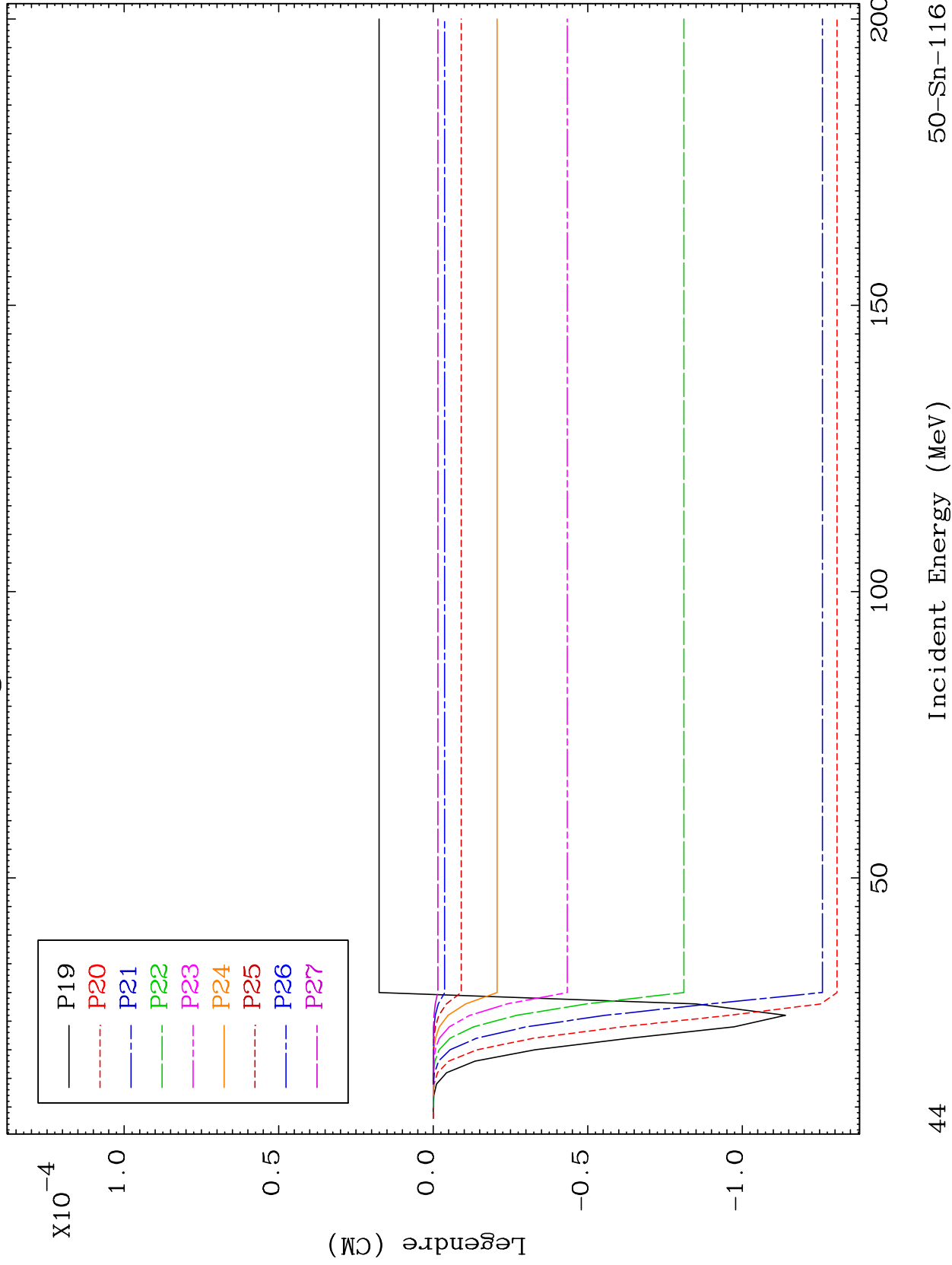
50-Sn-116

Incident Energy (MeV)

MAT 5037

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

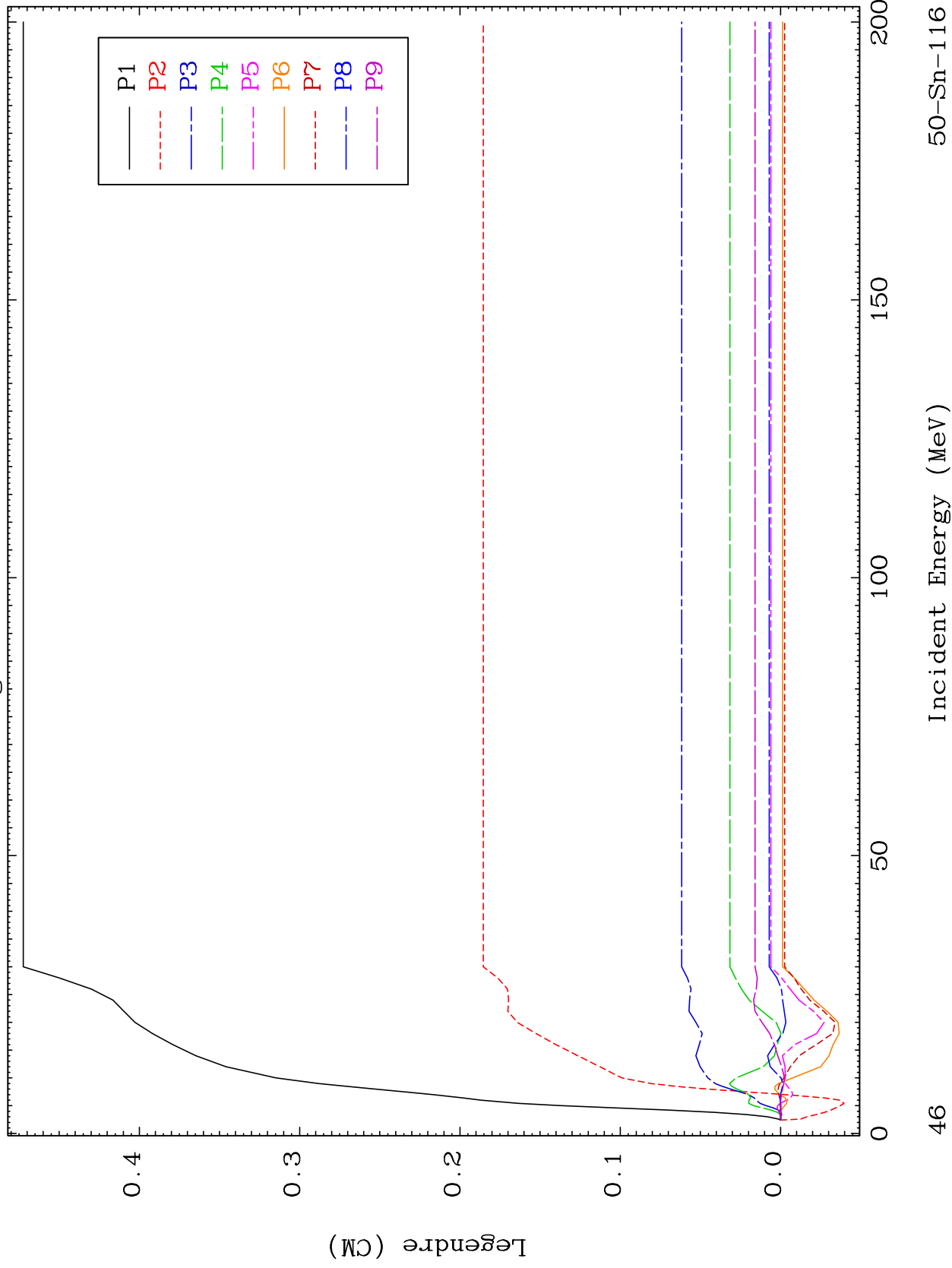
50-Sn-116



MAT 5037

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

50-Sn-116



50-Sn-116

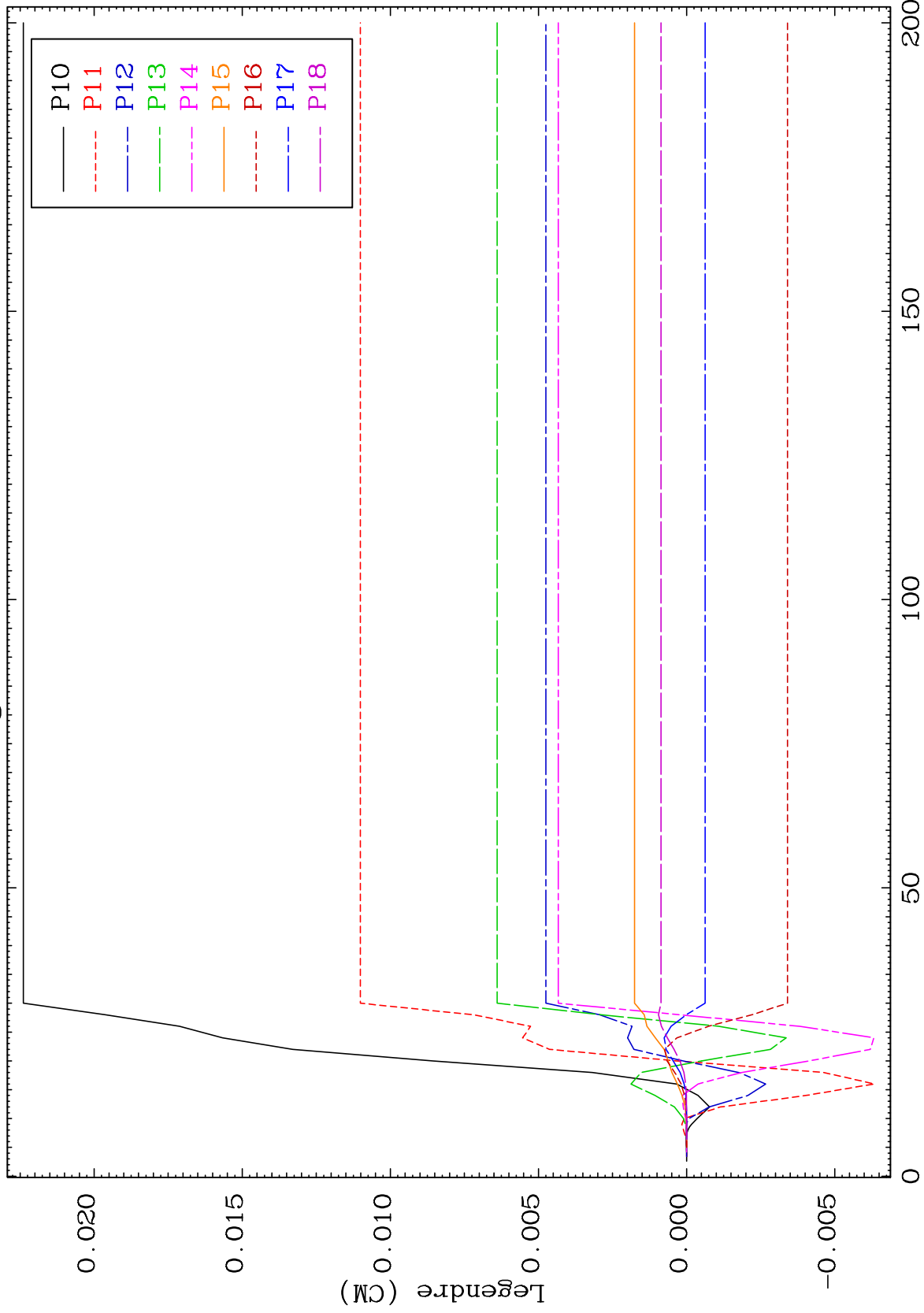
Incident Energy (MeV)

46

MAT 5037

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

50-Sn-116



47

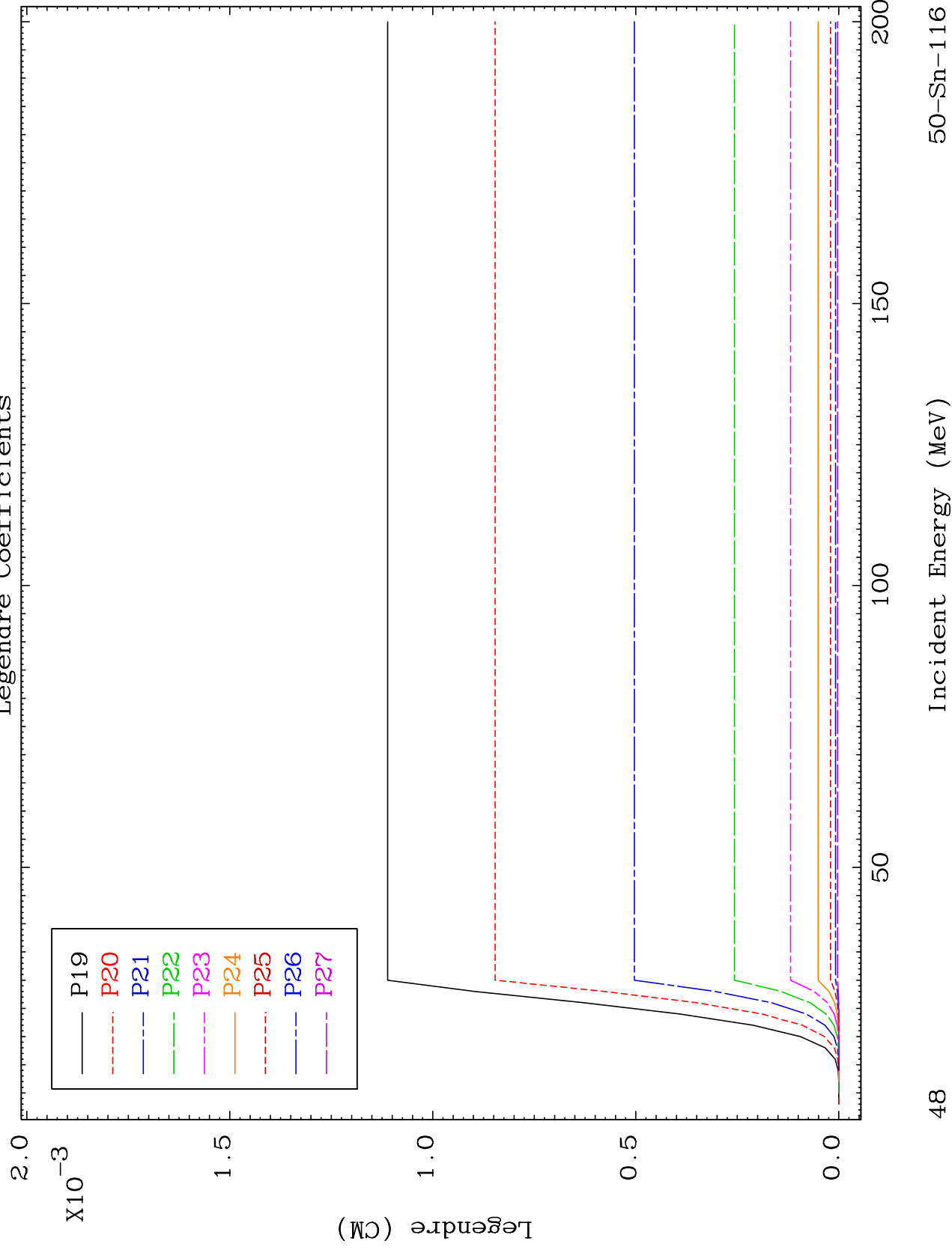
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



48

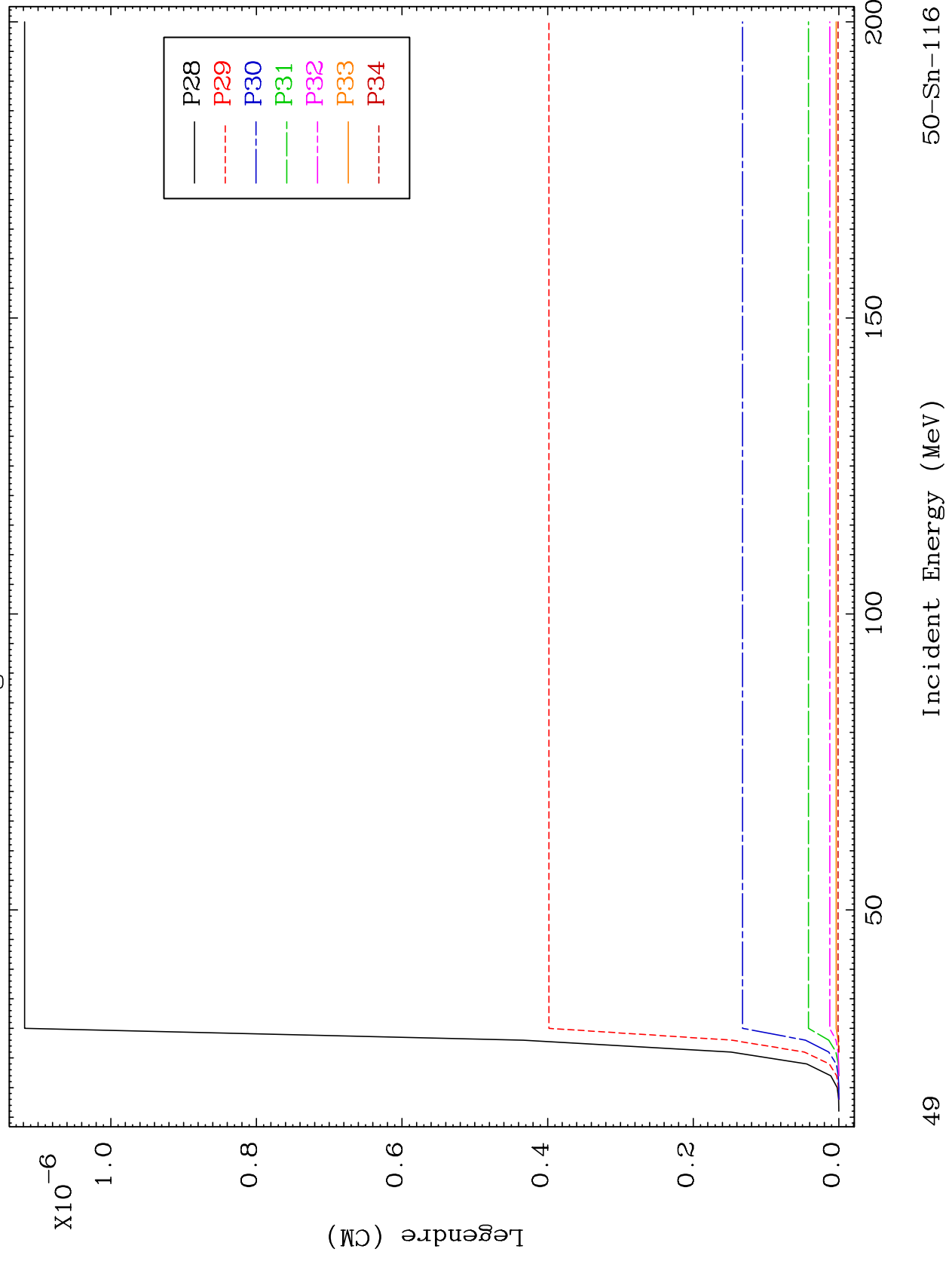
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



49

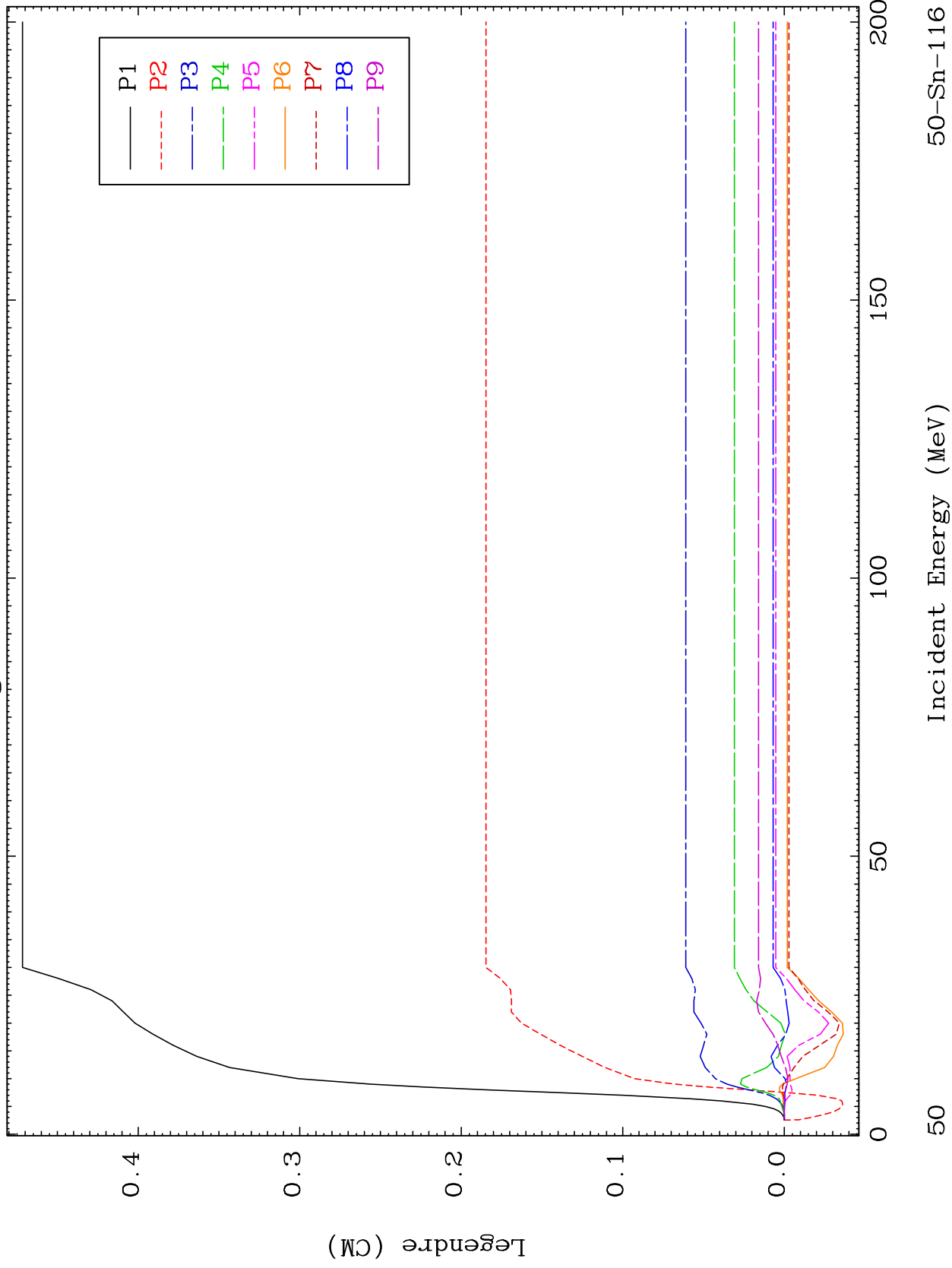
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



50-Sn-116

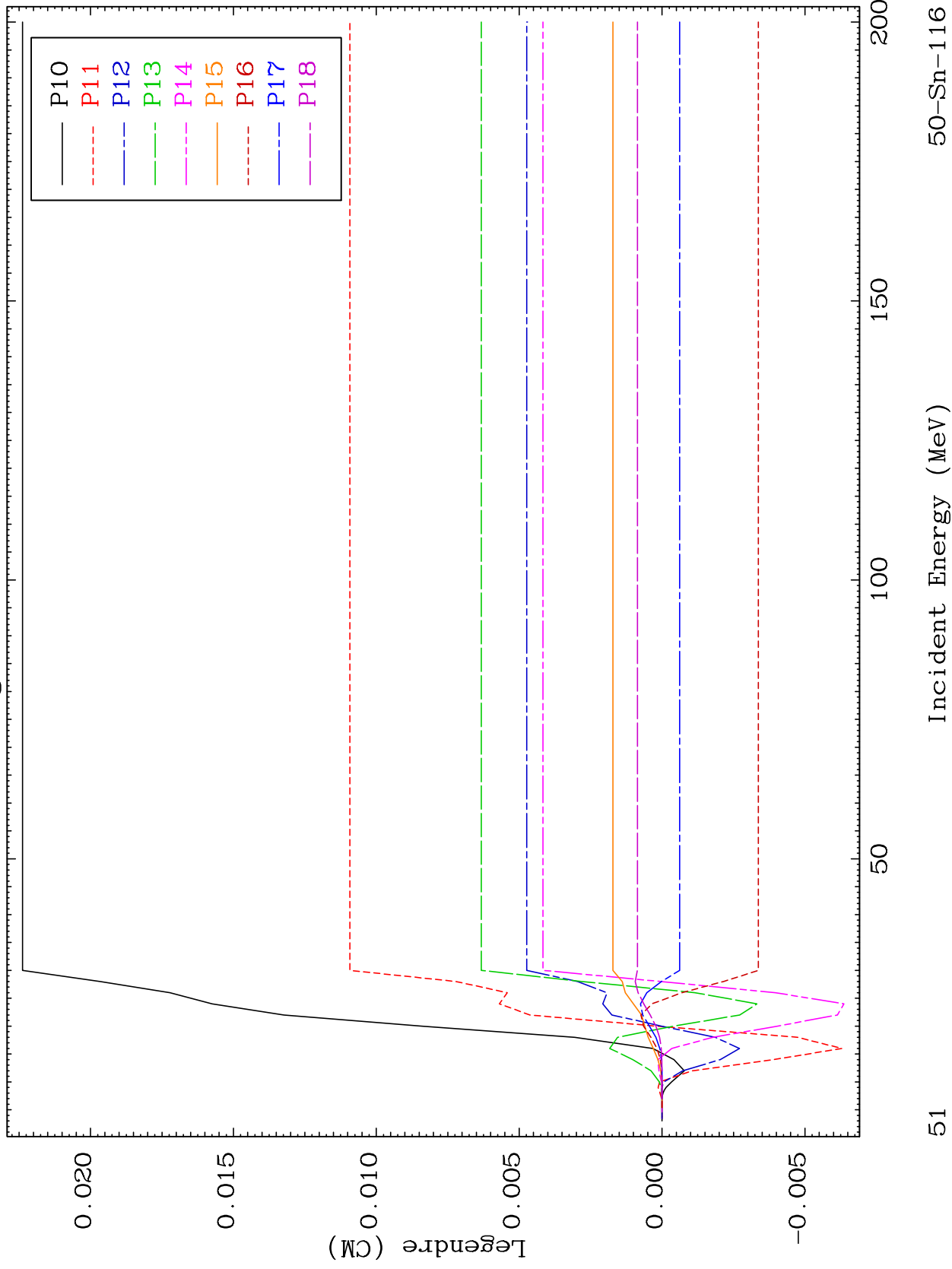
Incident Energy (MeV)

50

MAT 5037

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

50-Sn-116



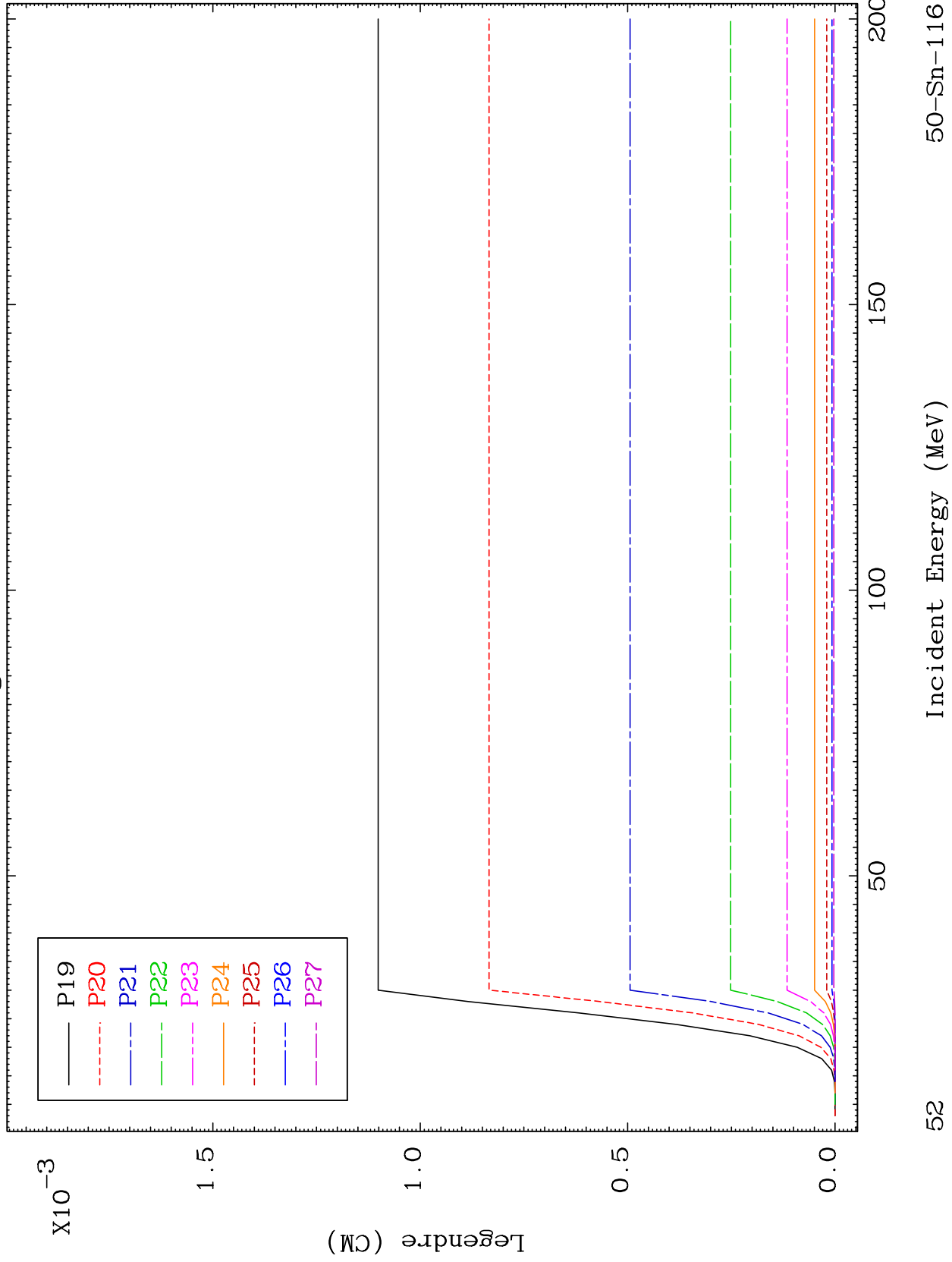
51

50-Sn-116

MAT 5037

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

50-Sn-116

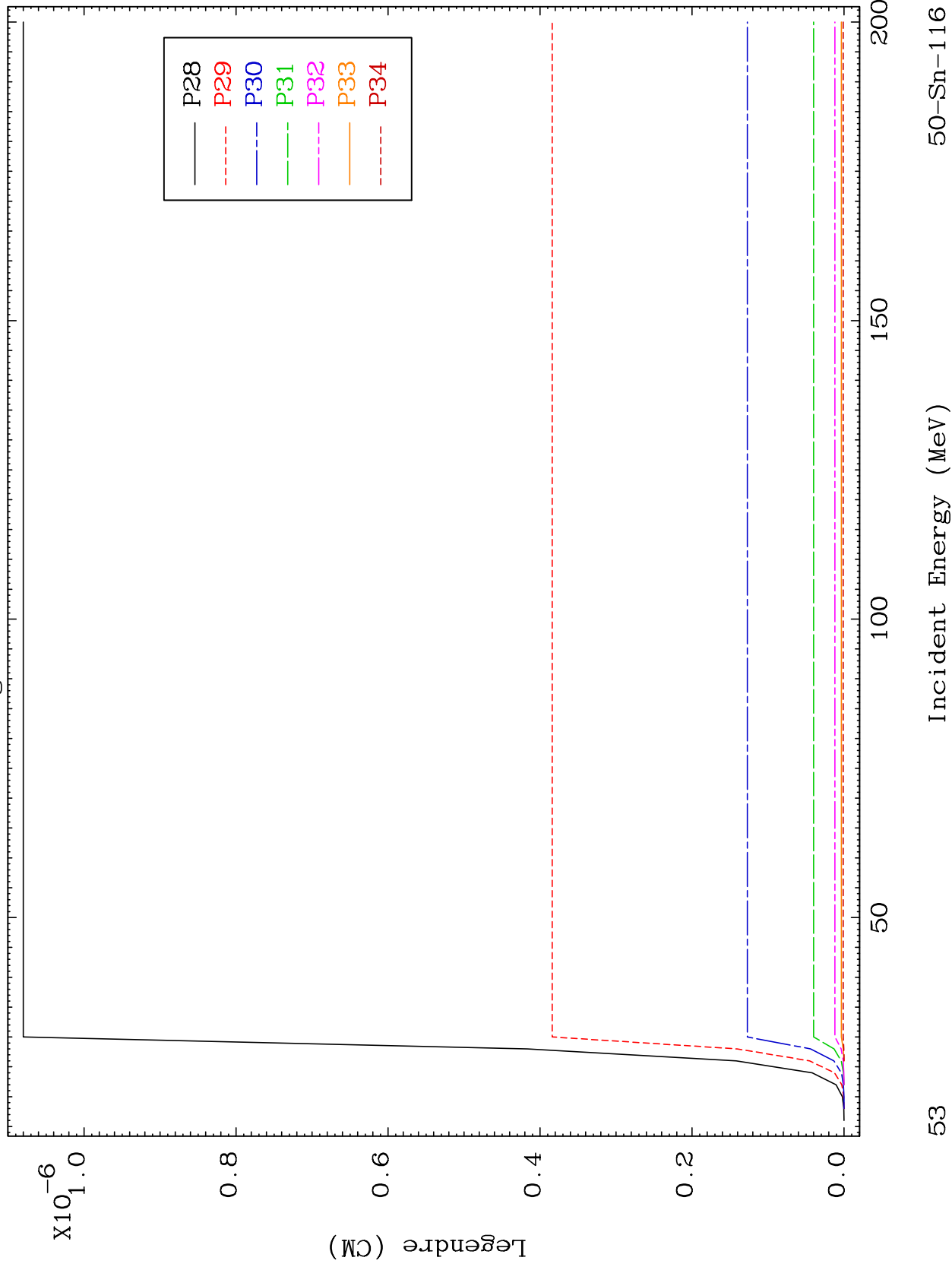


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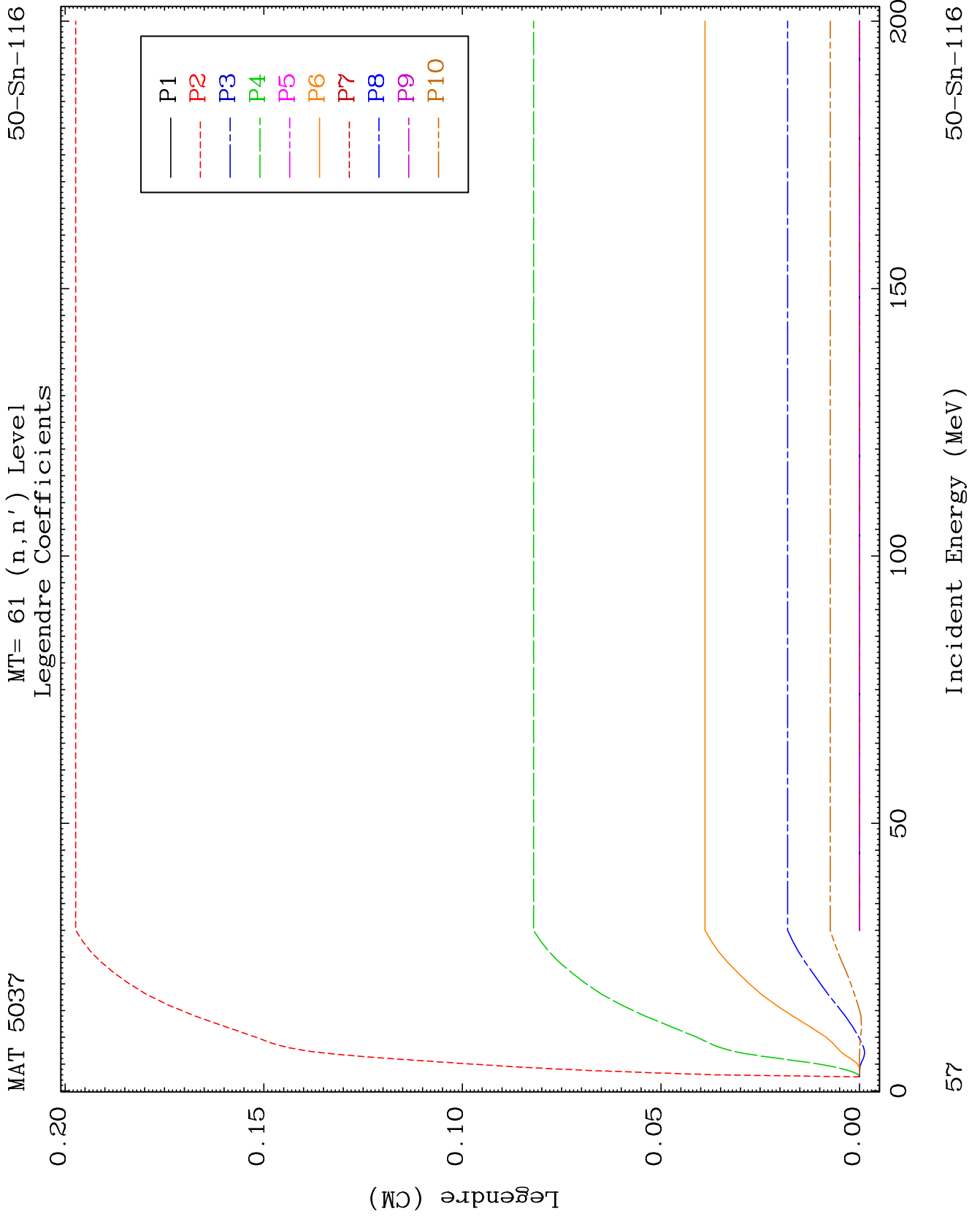
MAT 5037

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

50-Sn-116



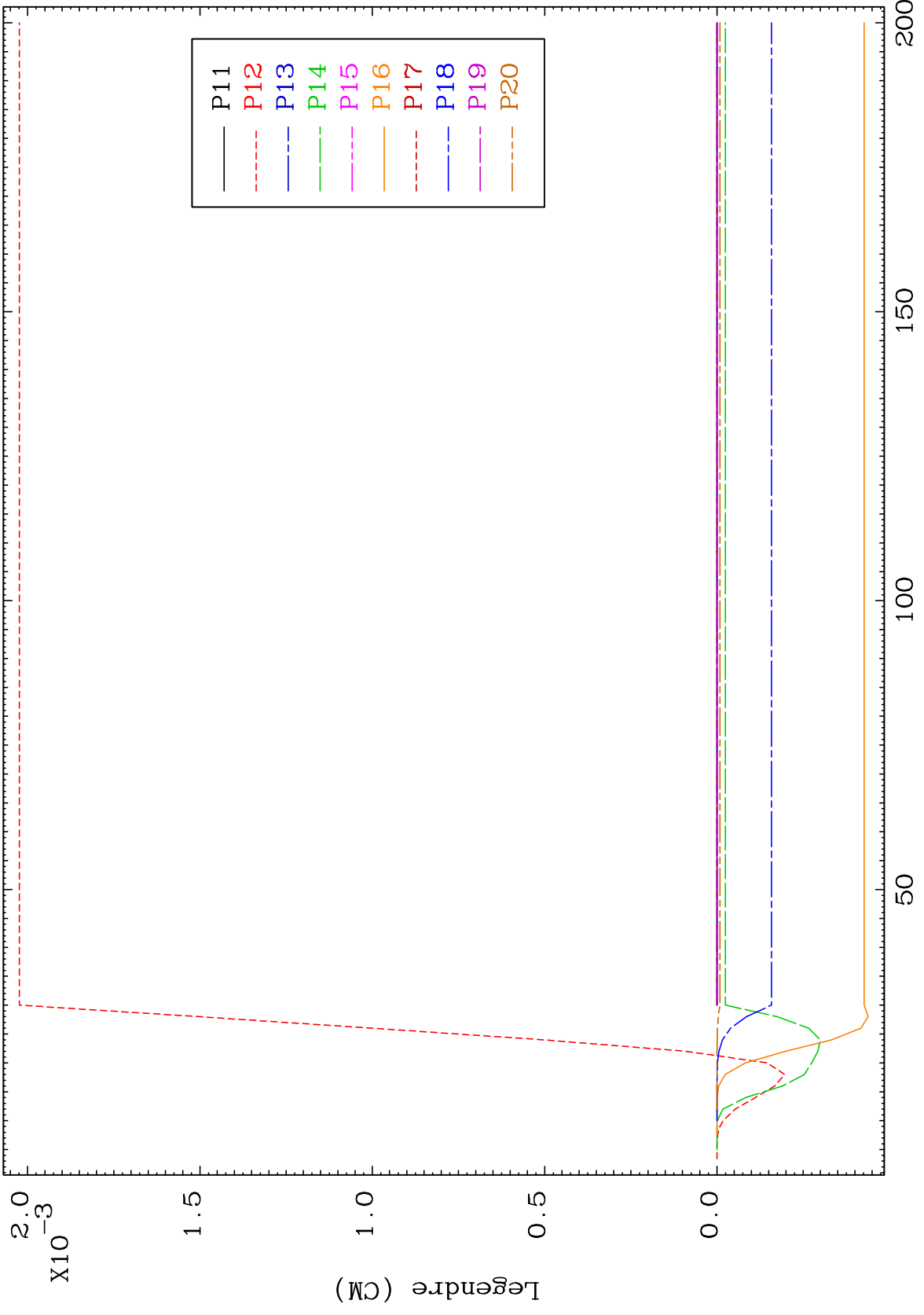
53



MAT 5037

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

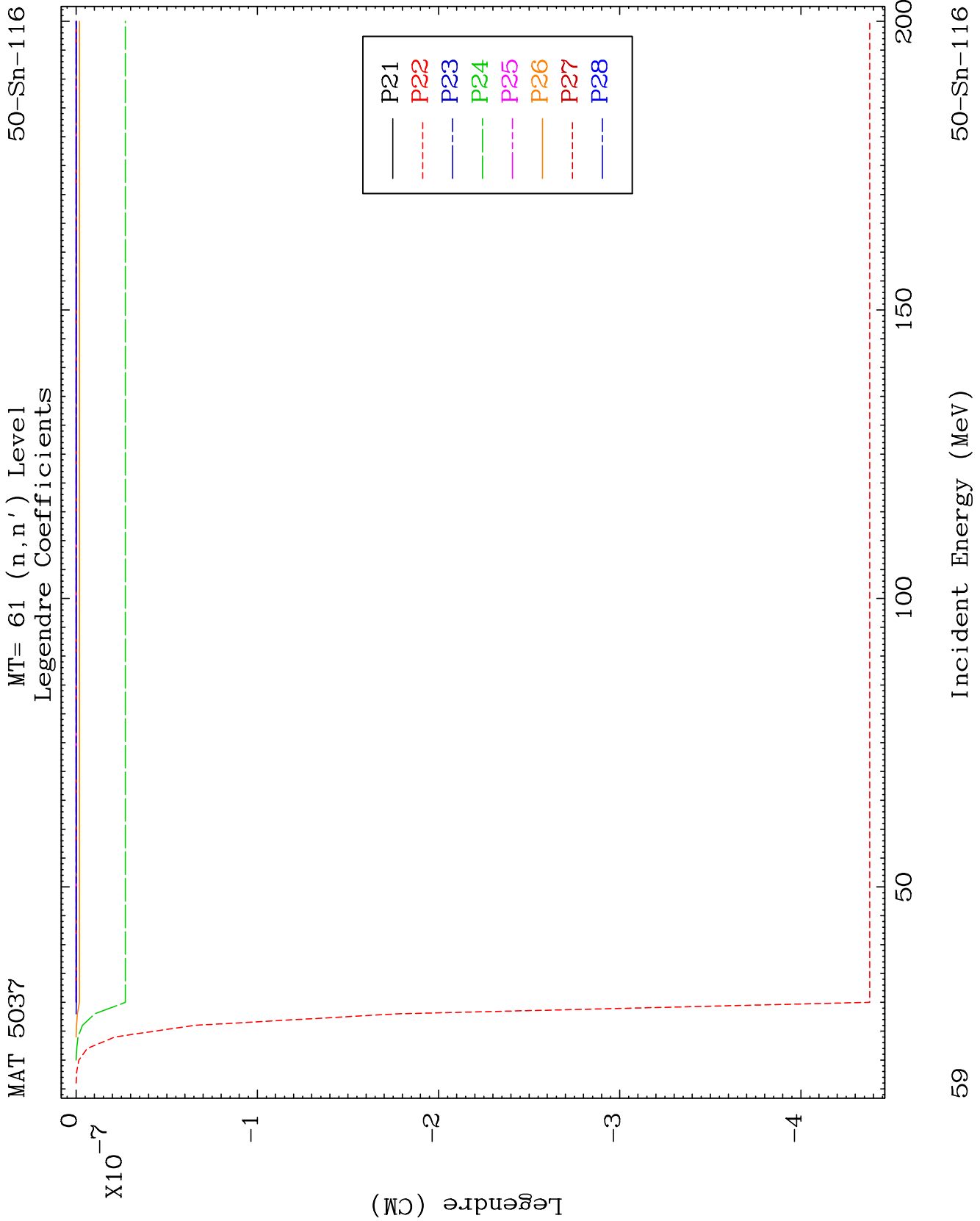
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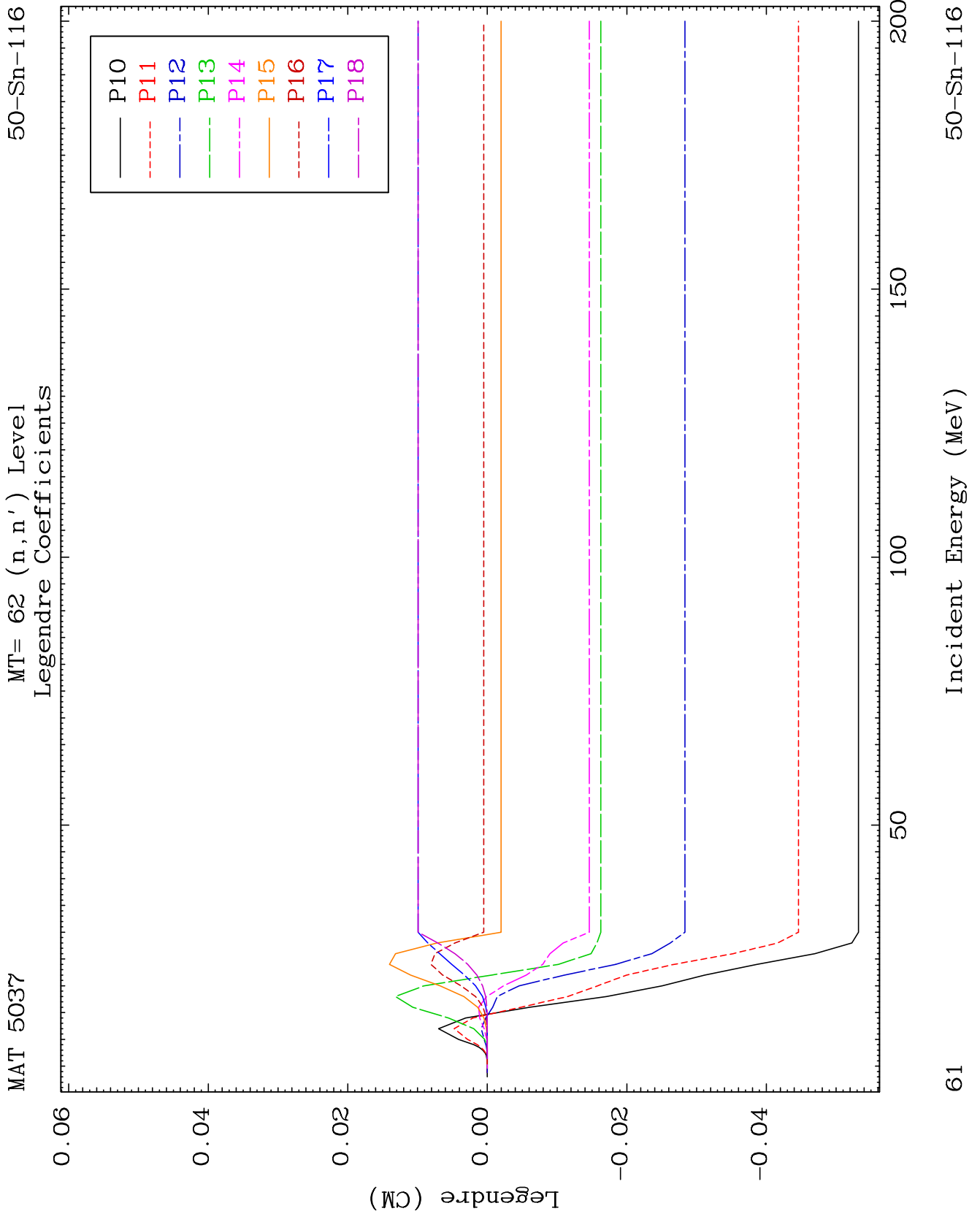


58

Incident Energy (MeV)

50-Sn-116

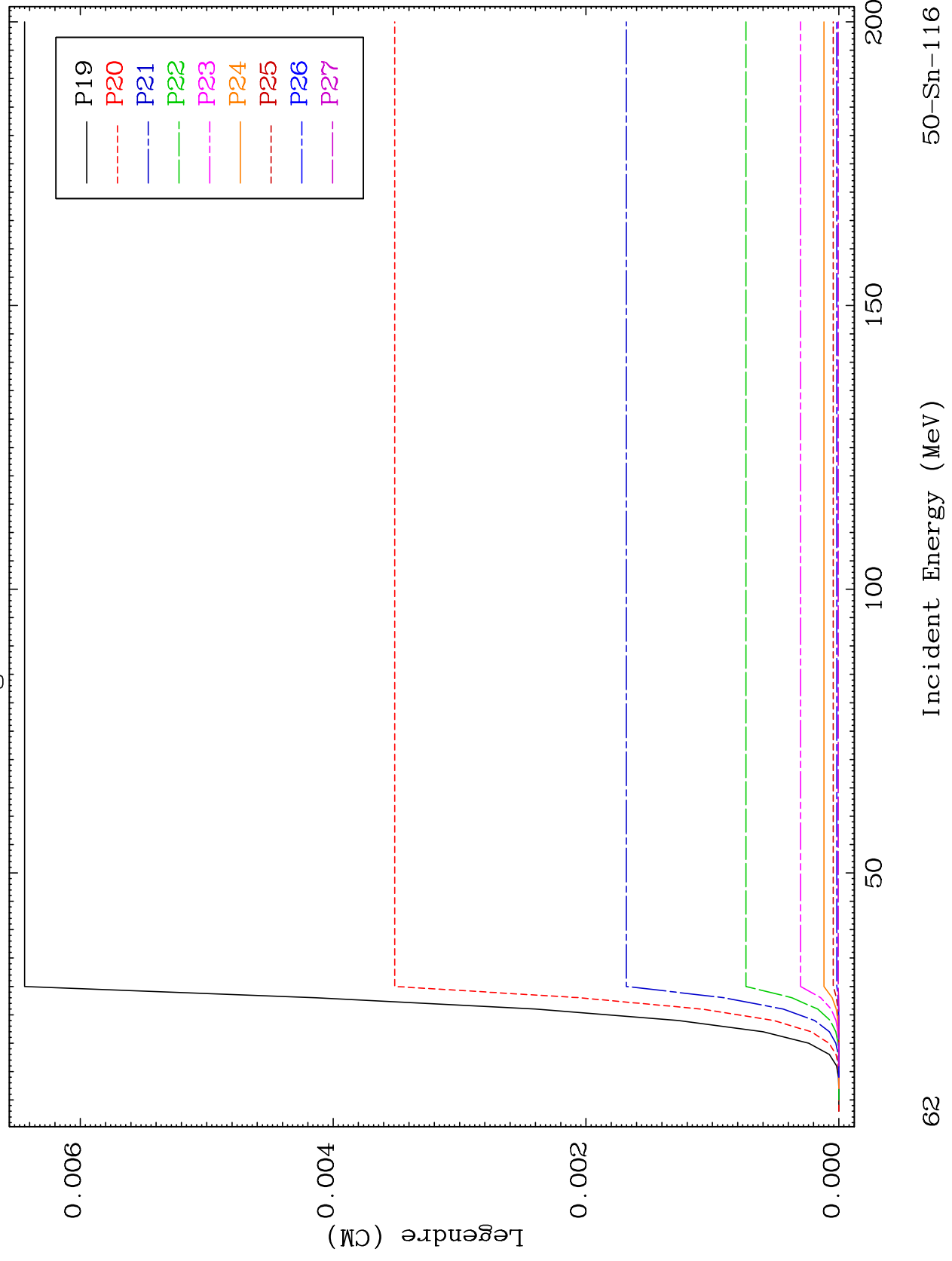




MAT 5037

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

50-Sn-116



62

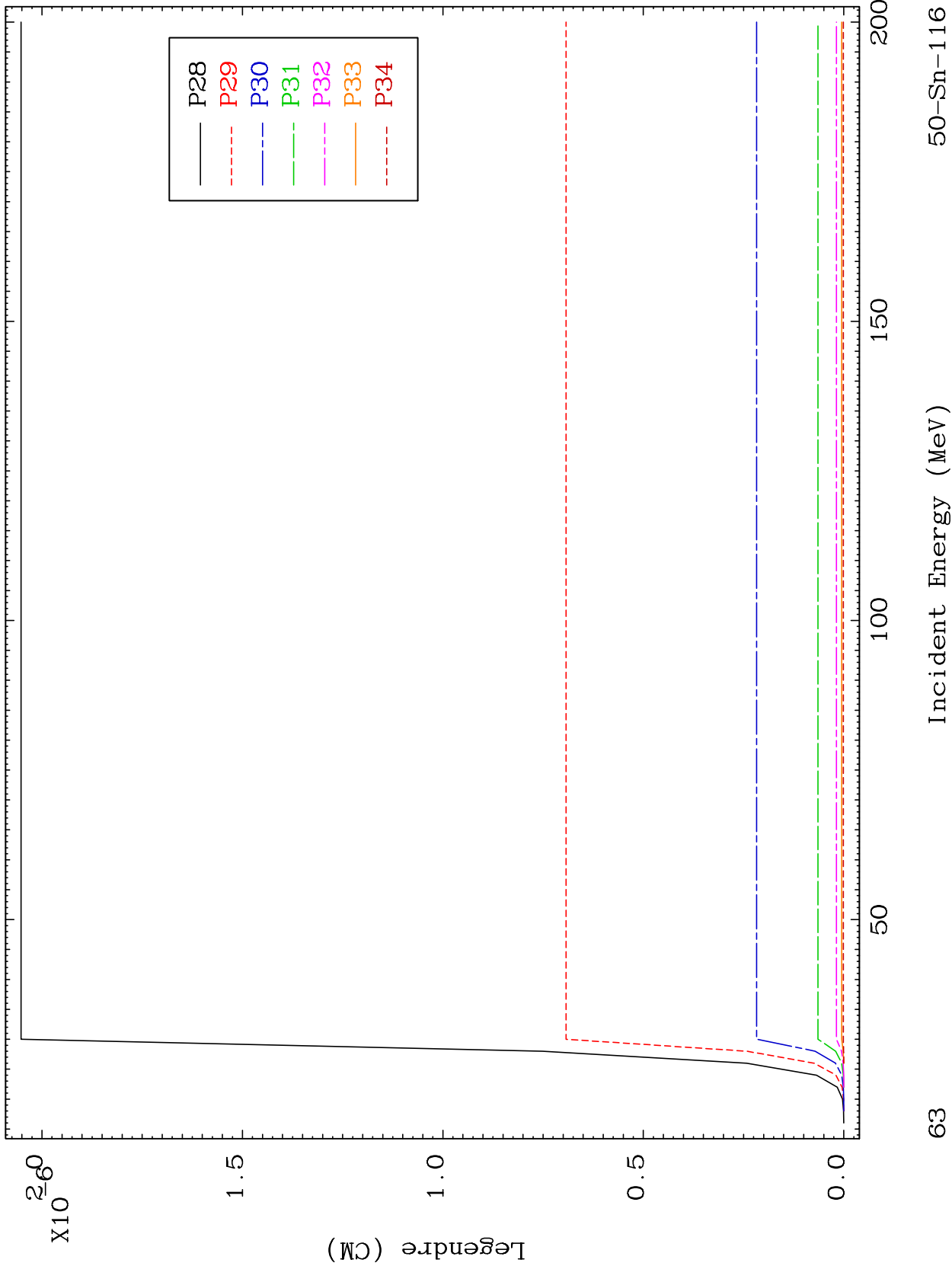
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116

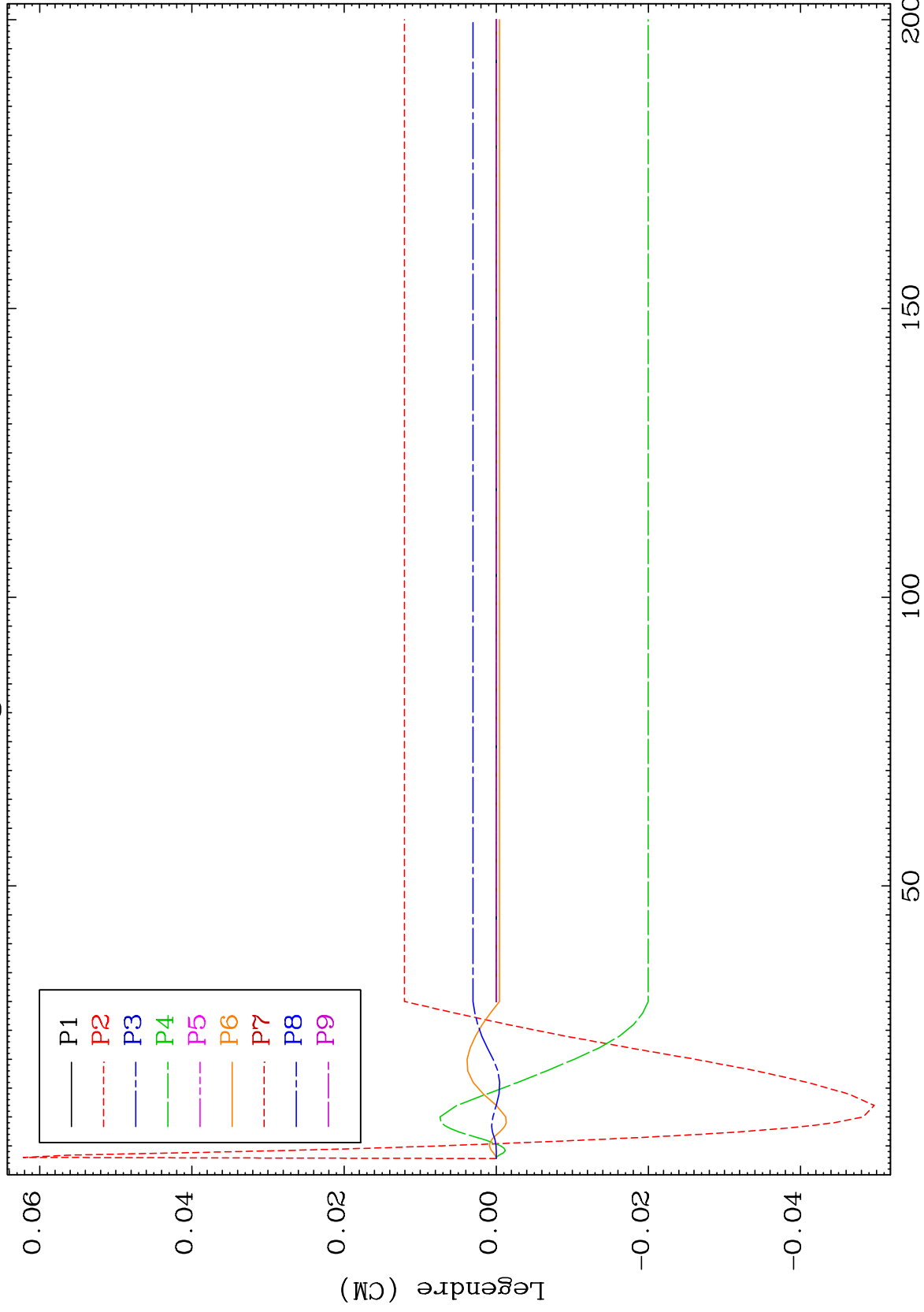


63

MAT 5037

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

50-Sn-116



64

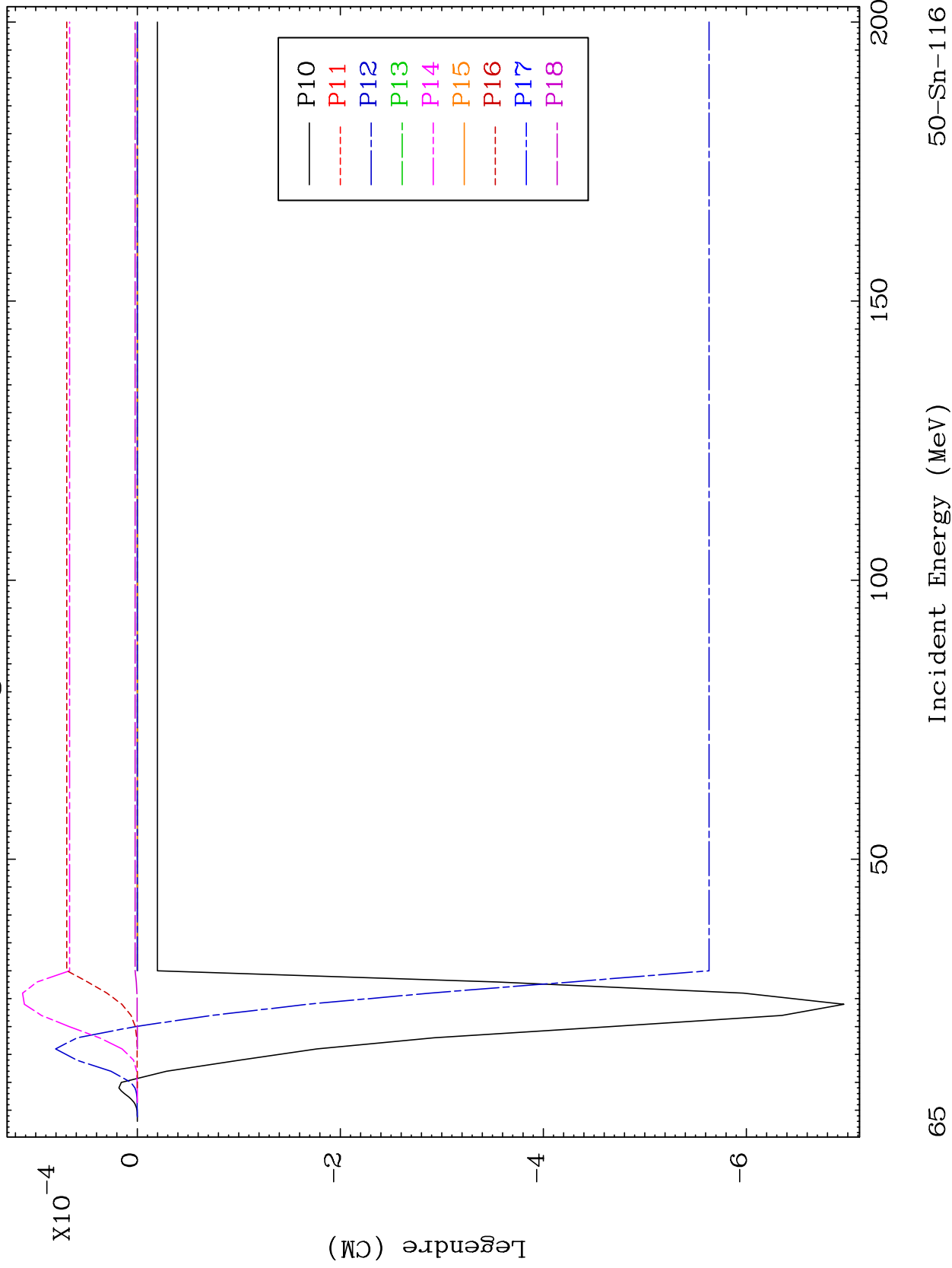
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



65

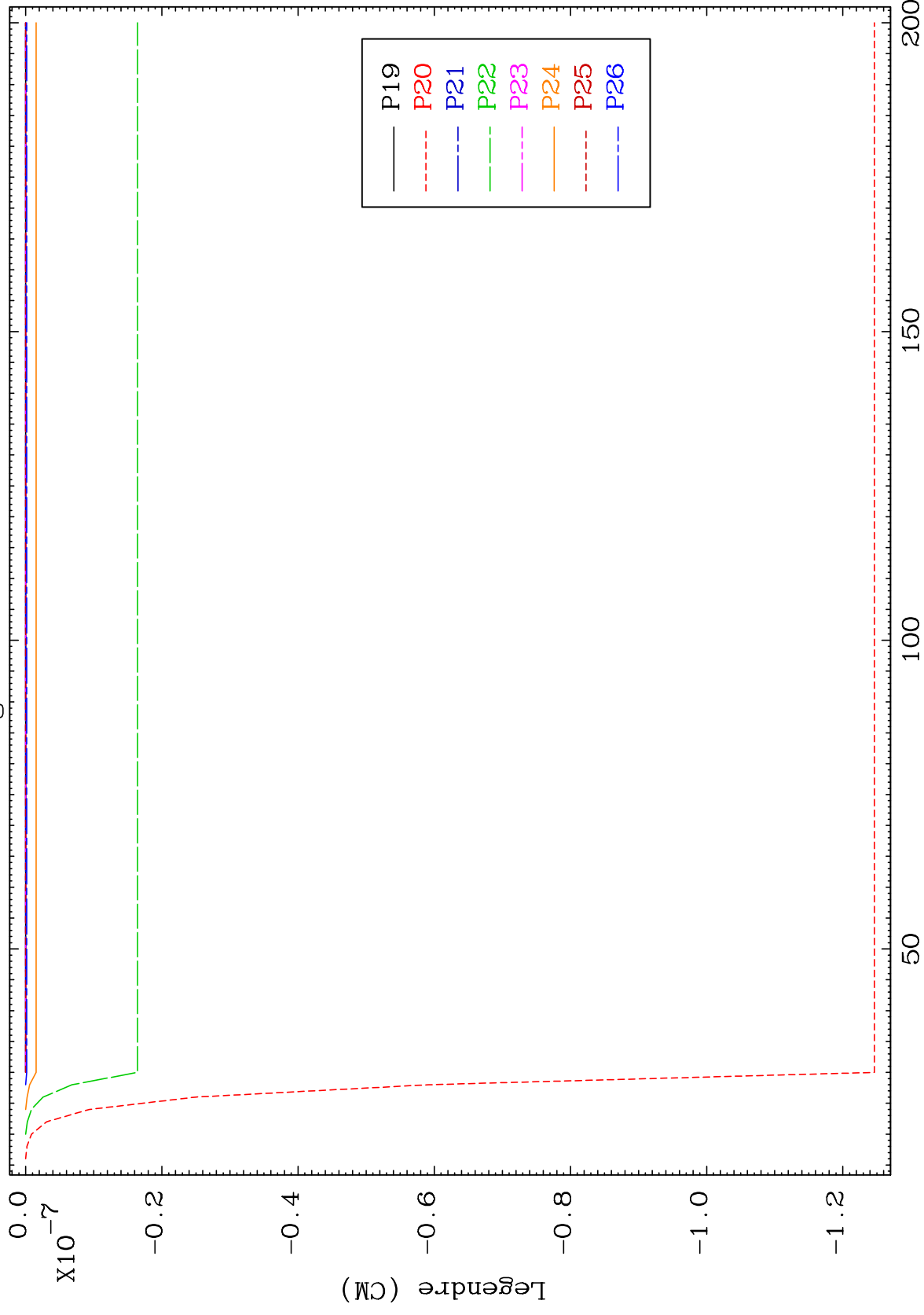
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

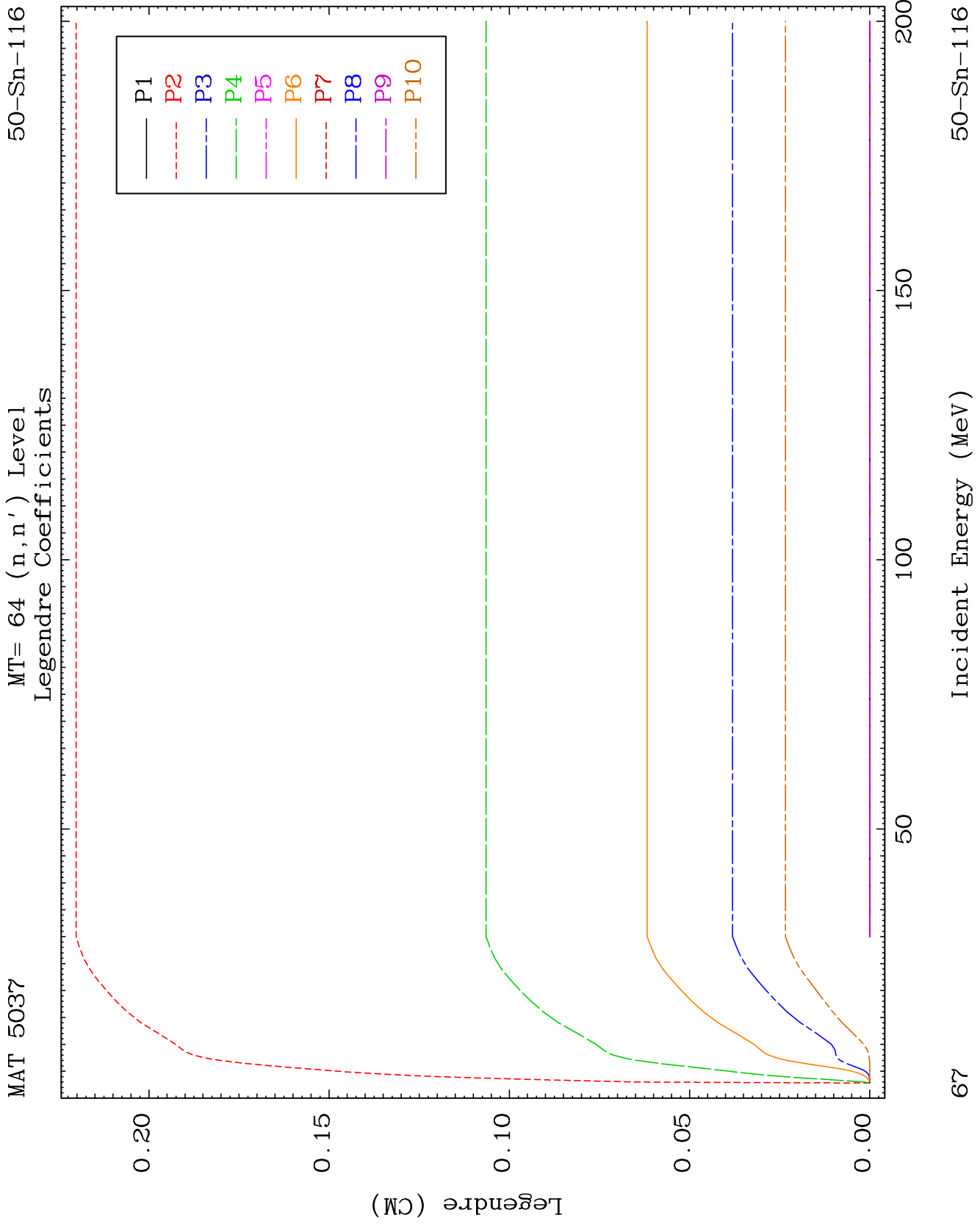
50-Sn-116

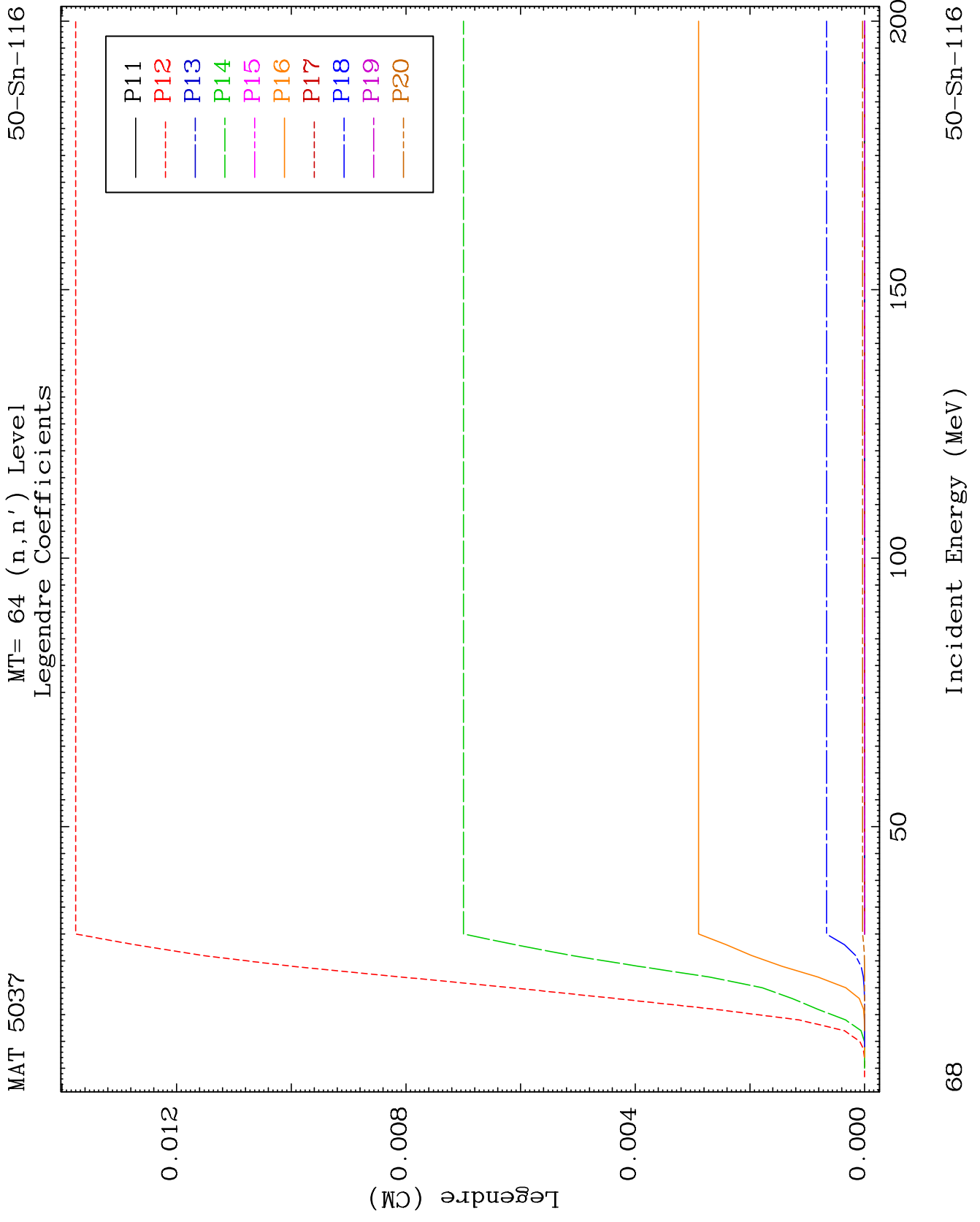


66

Incident Energy (MeV)

50-Sn-116

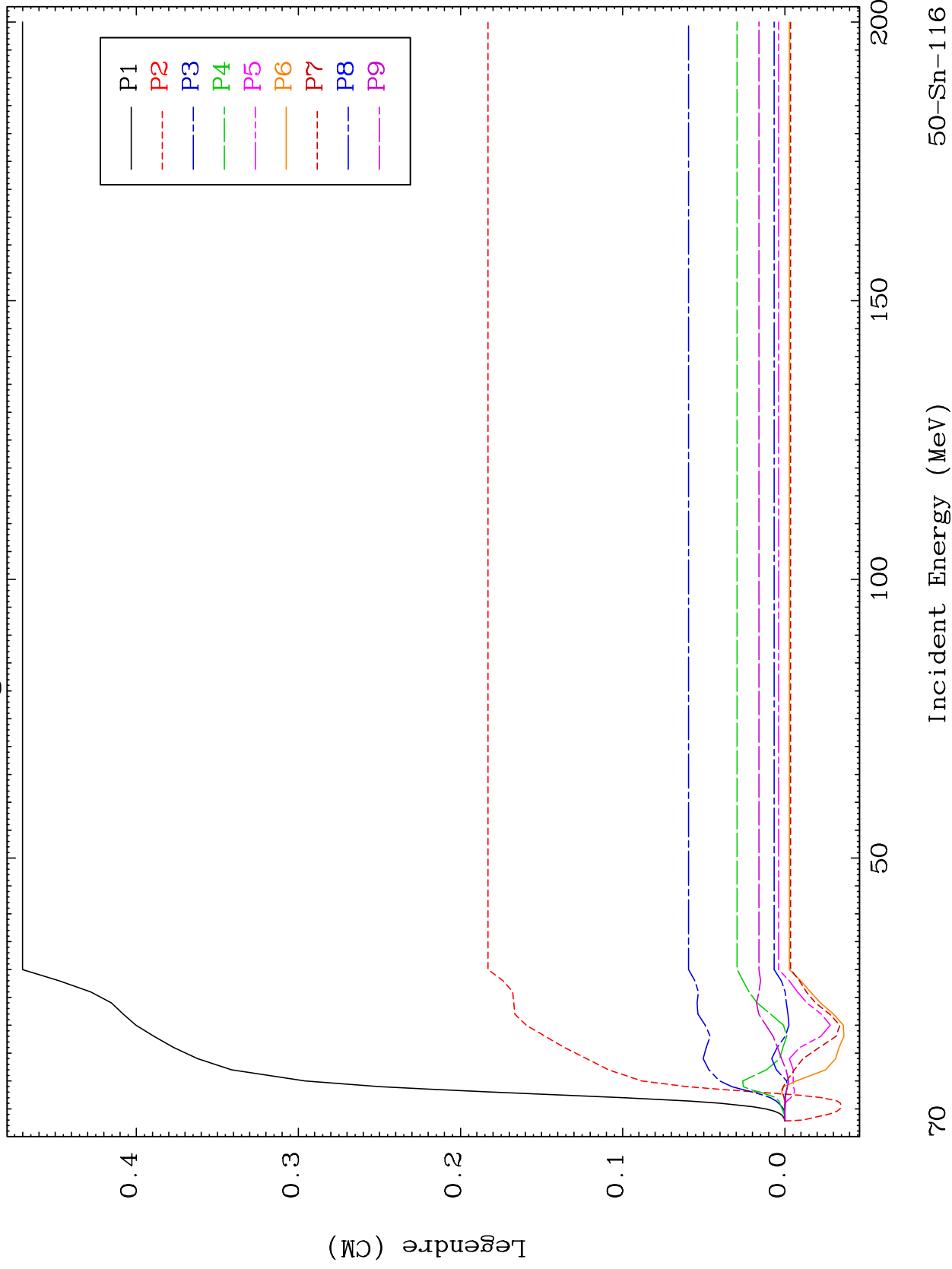




MAT 5037

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

50-Sn-116



70

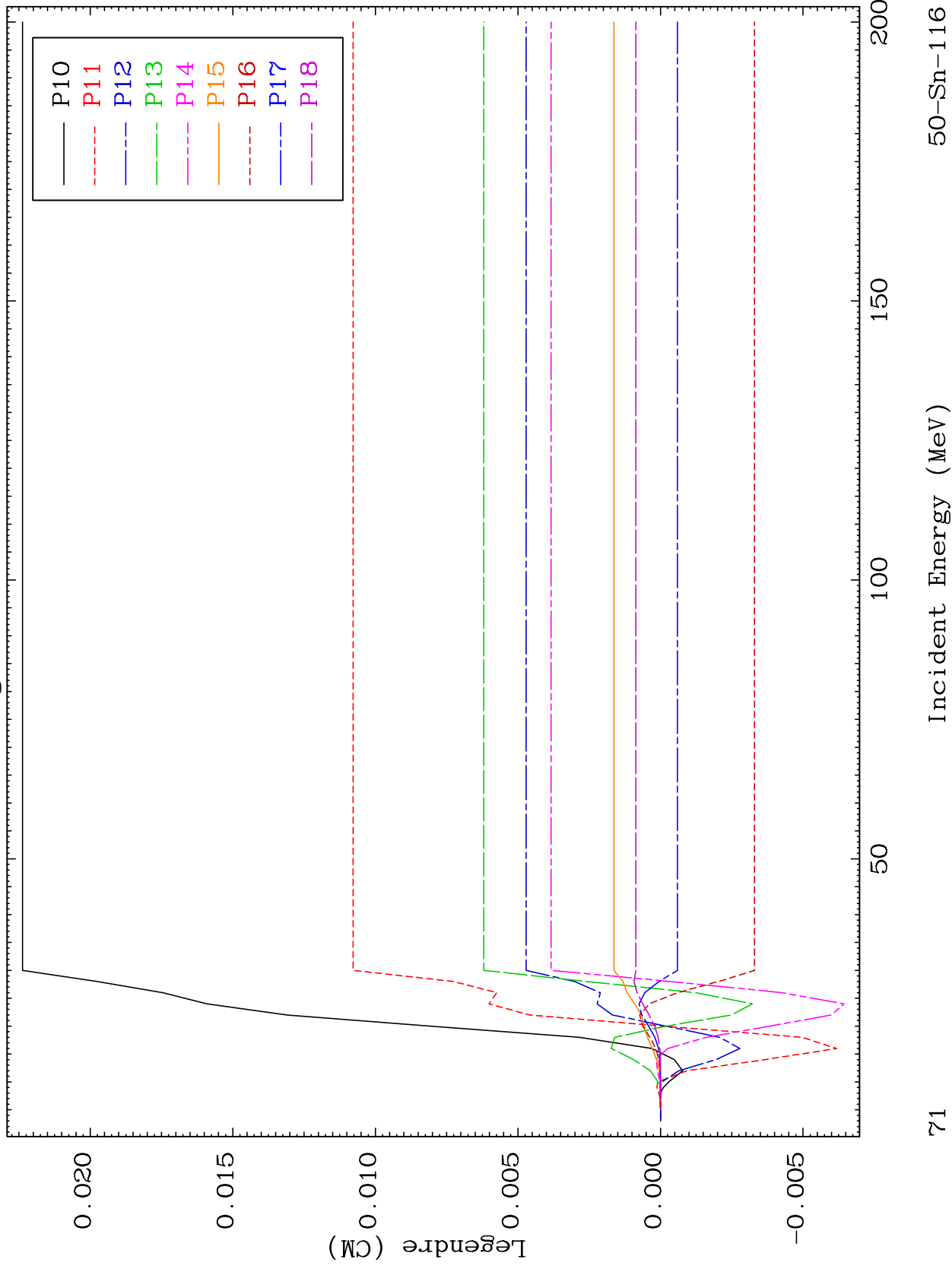
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



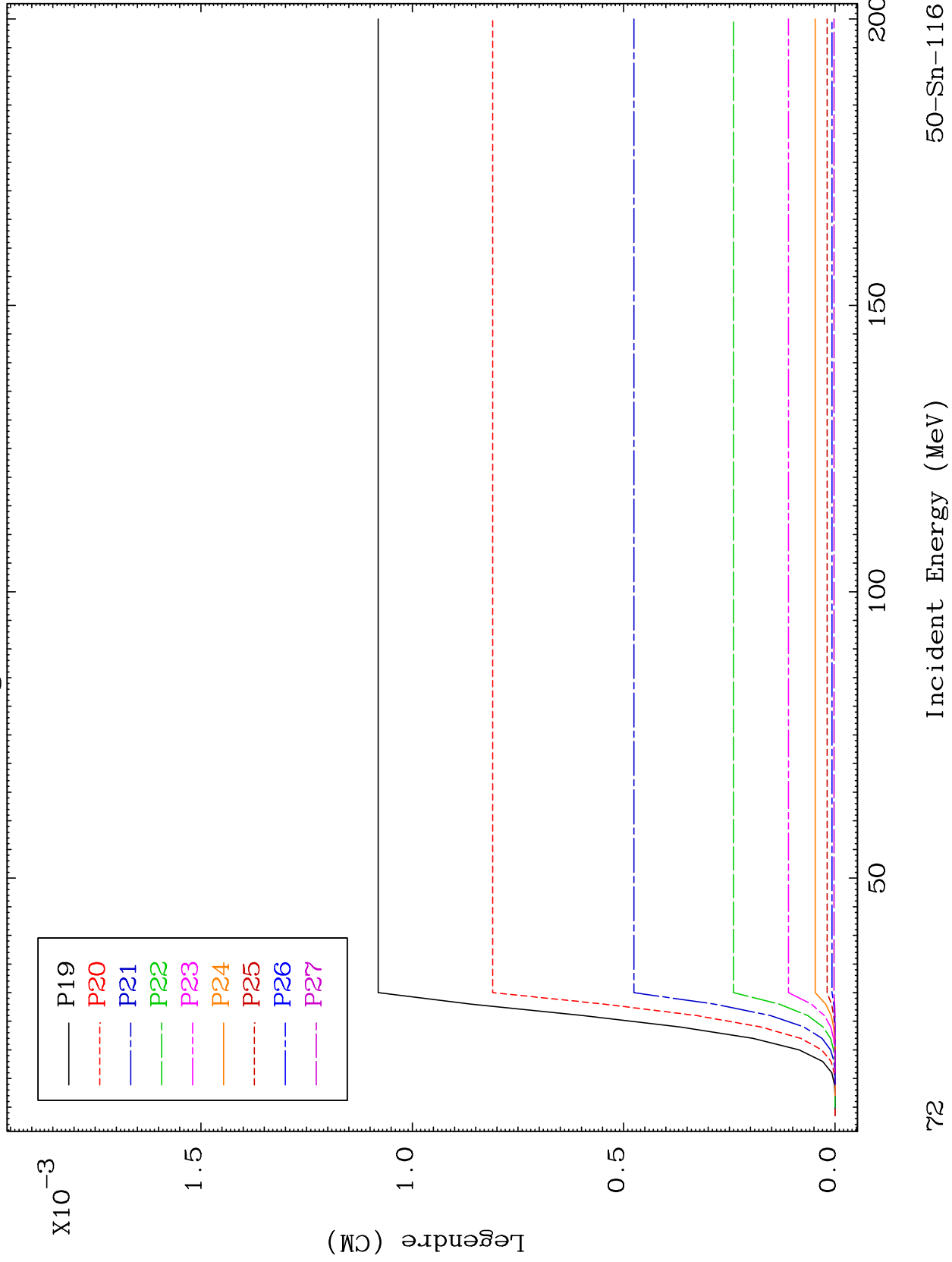
71

50-Sn-116

MAT 5037

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

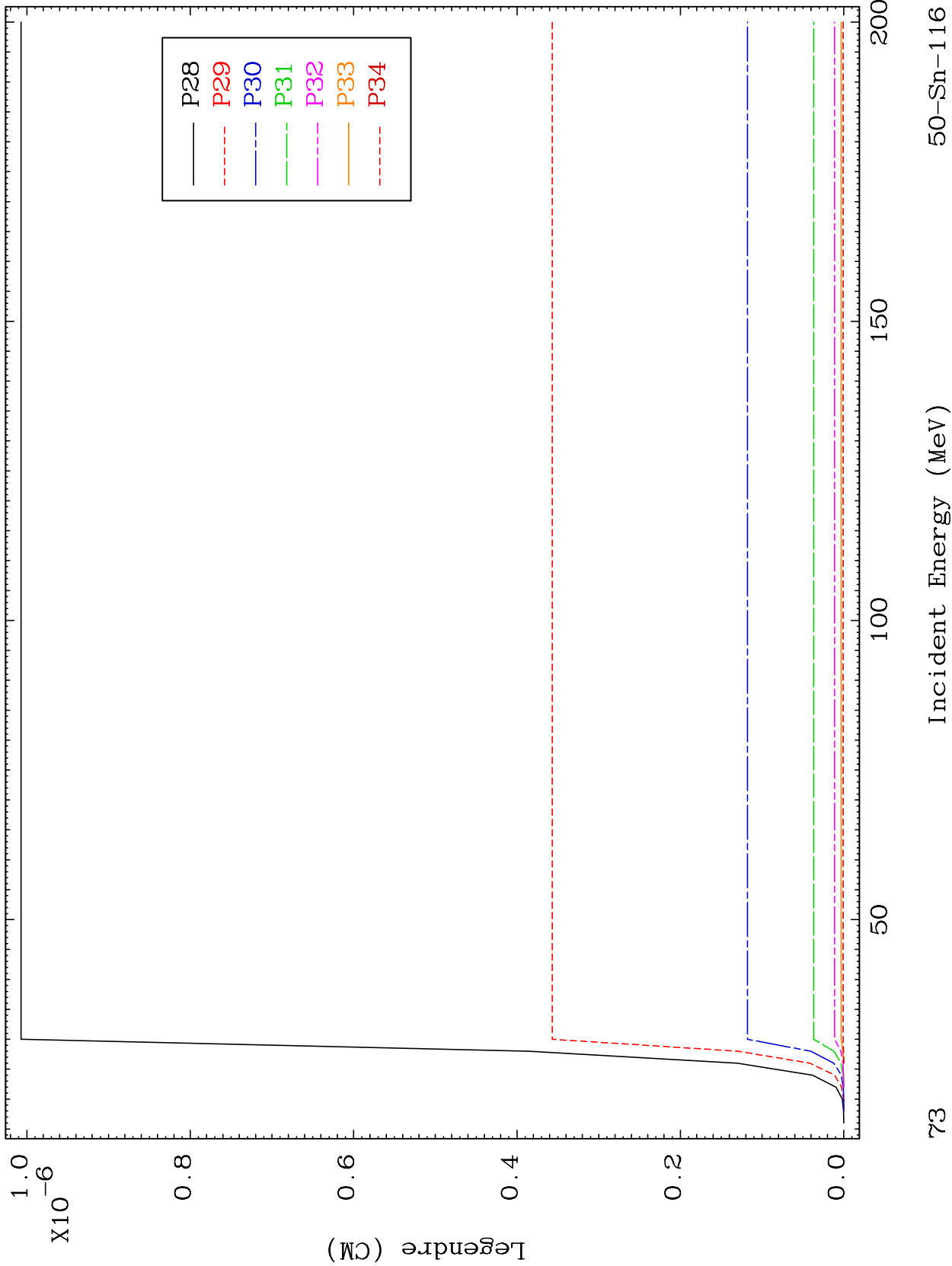
50-Sn-116



MAT 5037

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

50-Sn-116



73

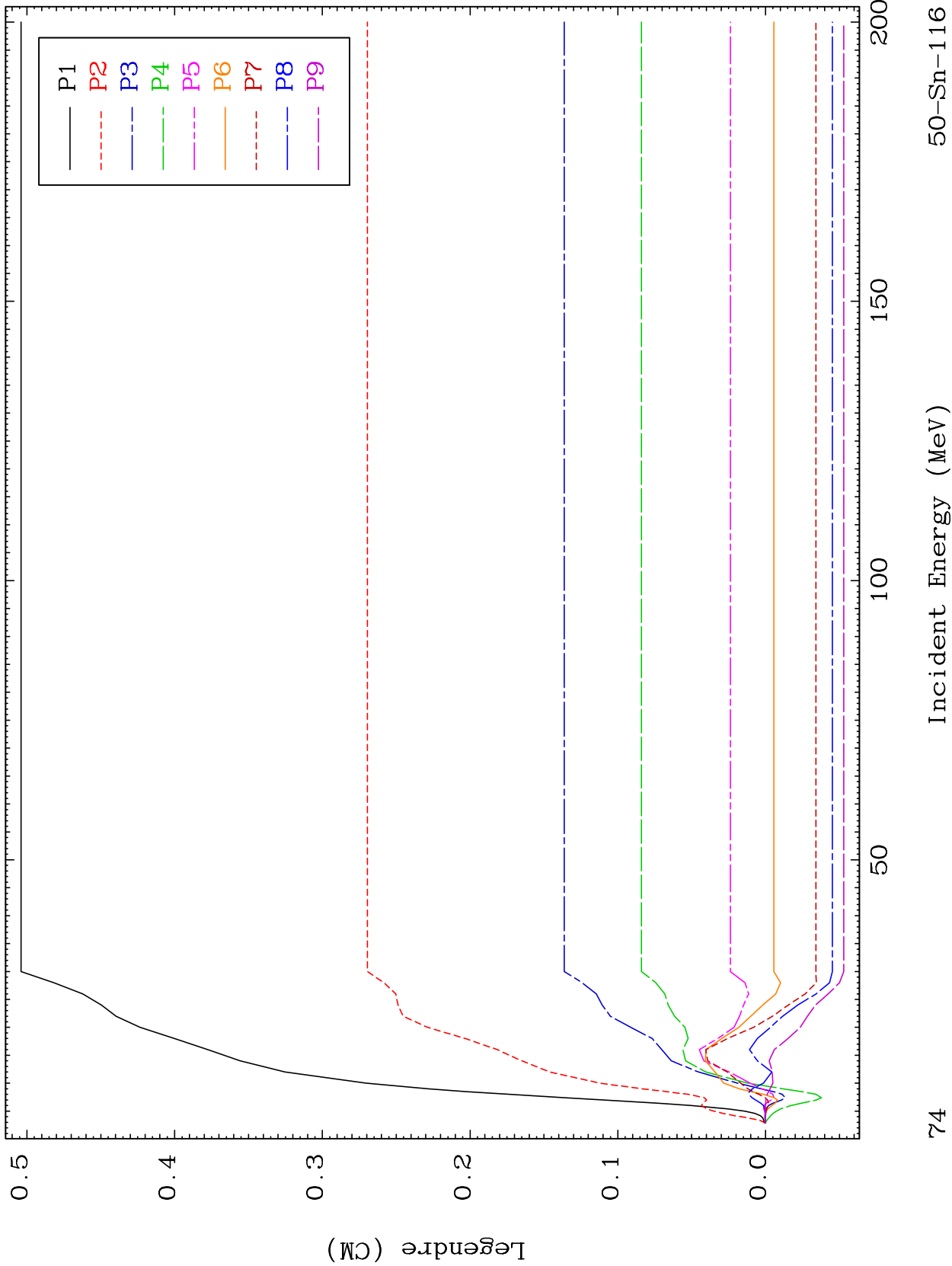
Incident Energy (MeV)

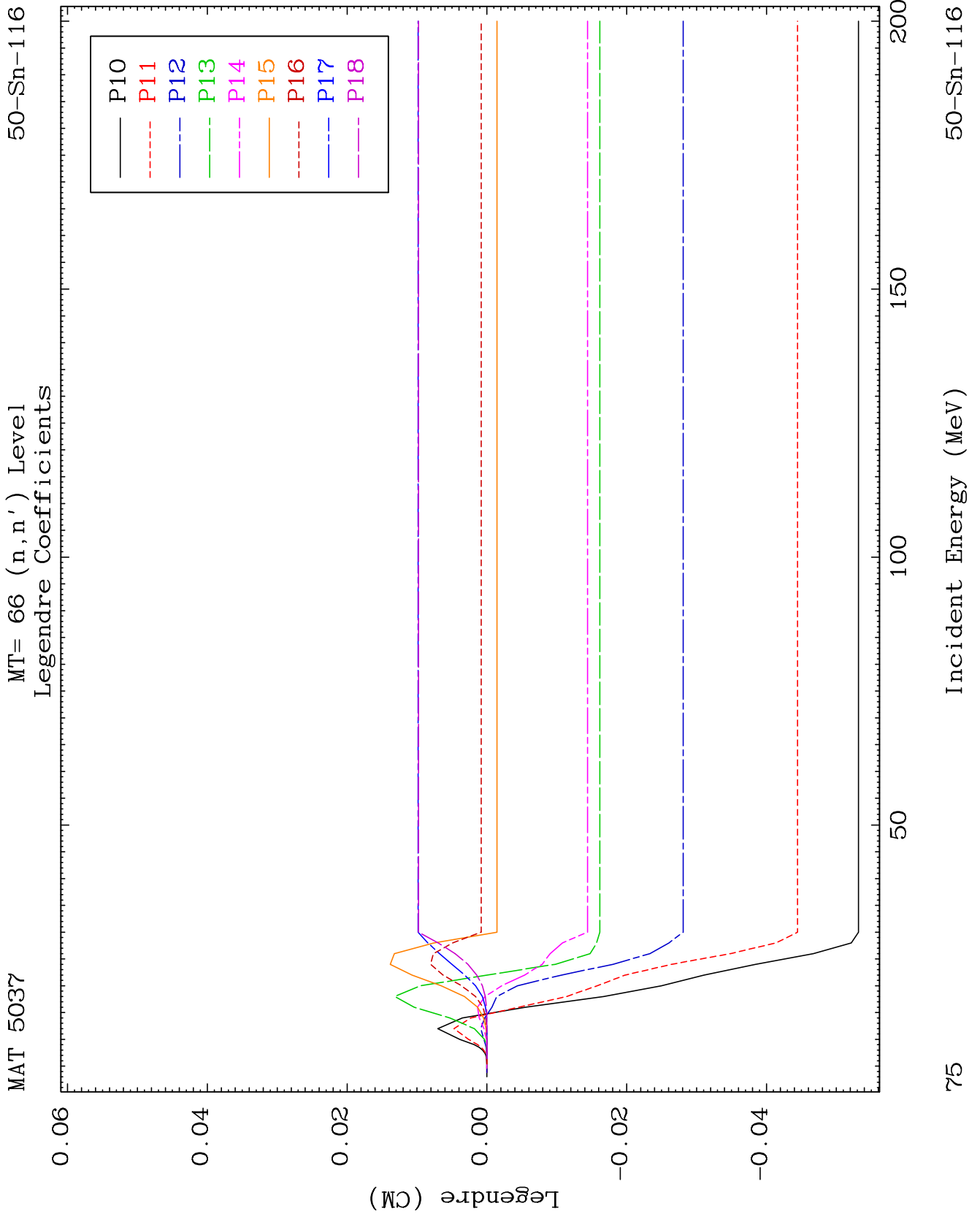
50-Sn-116

MAT 5037

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

50-Sn-116

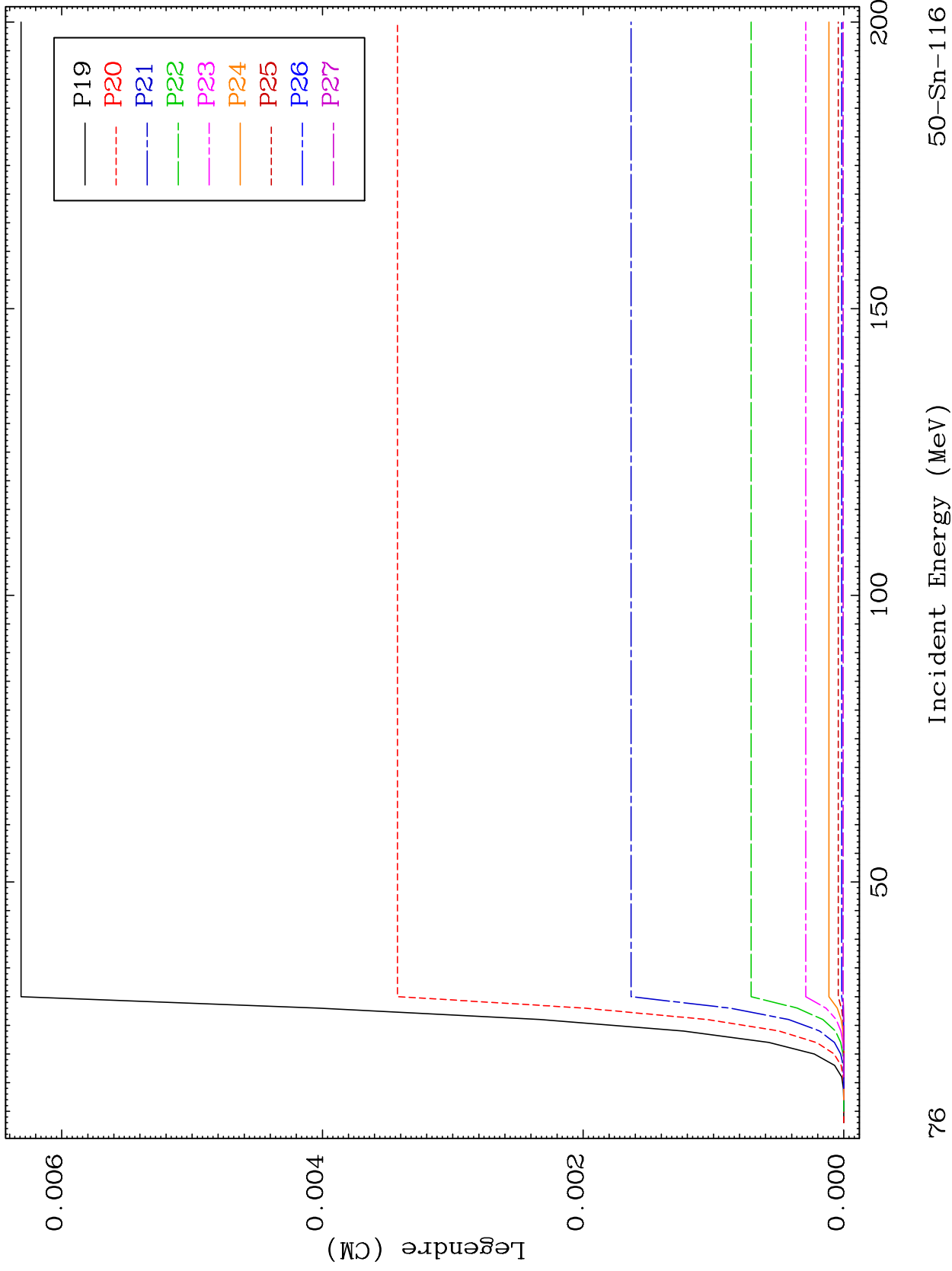




MAT 5037

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

50-Sn-116



76

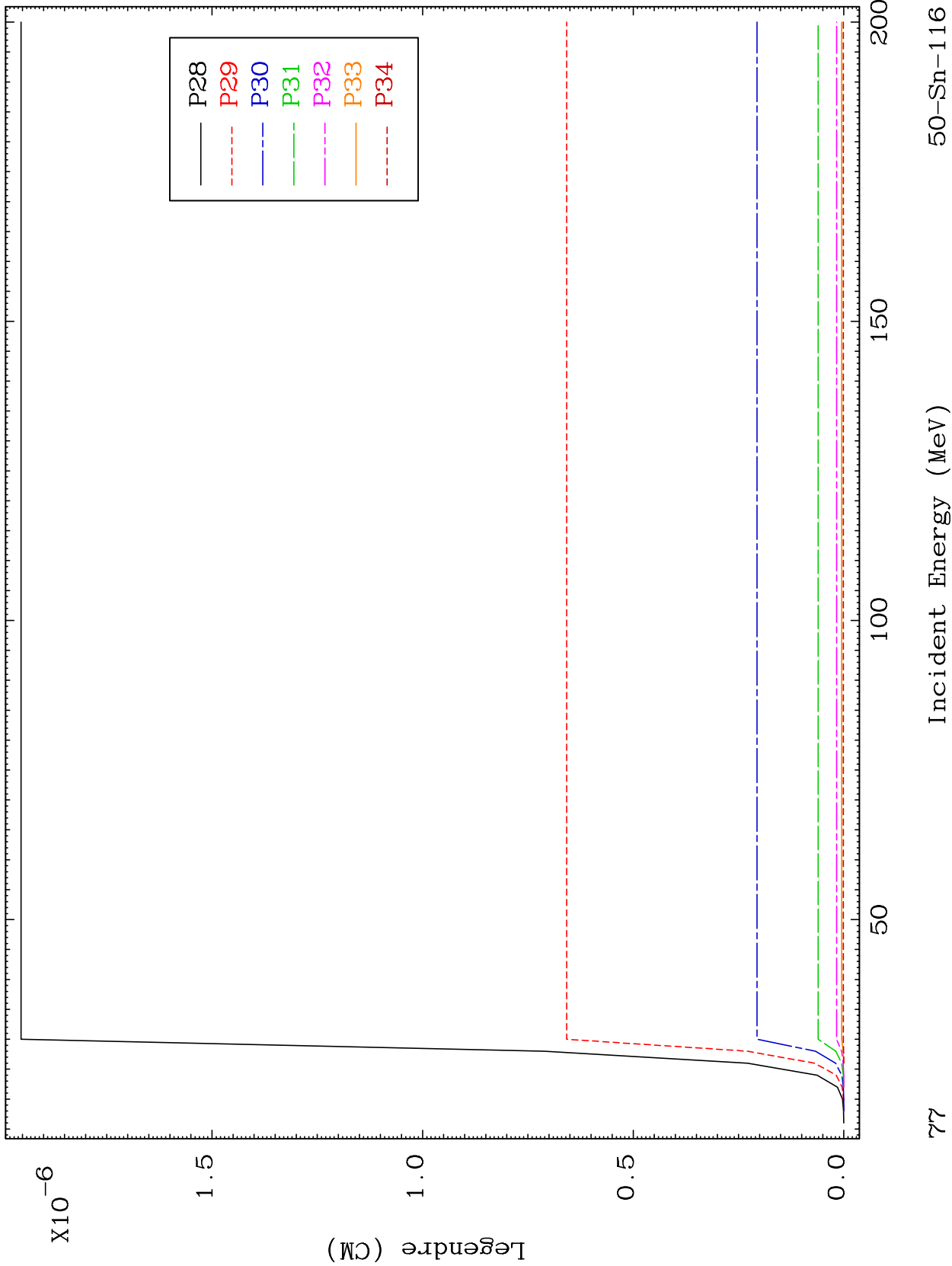
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

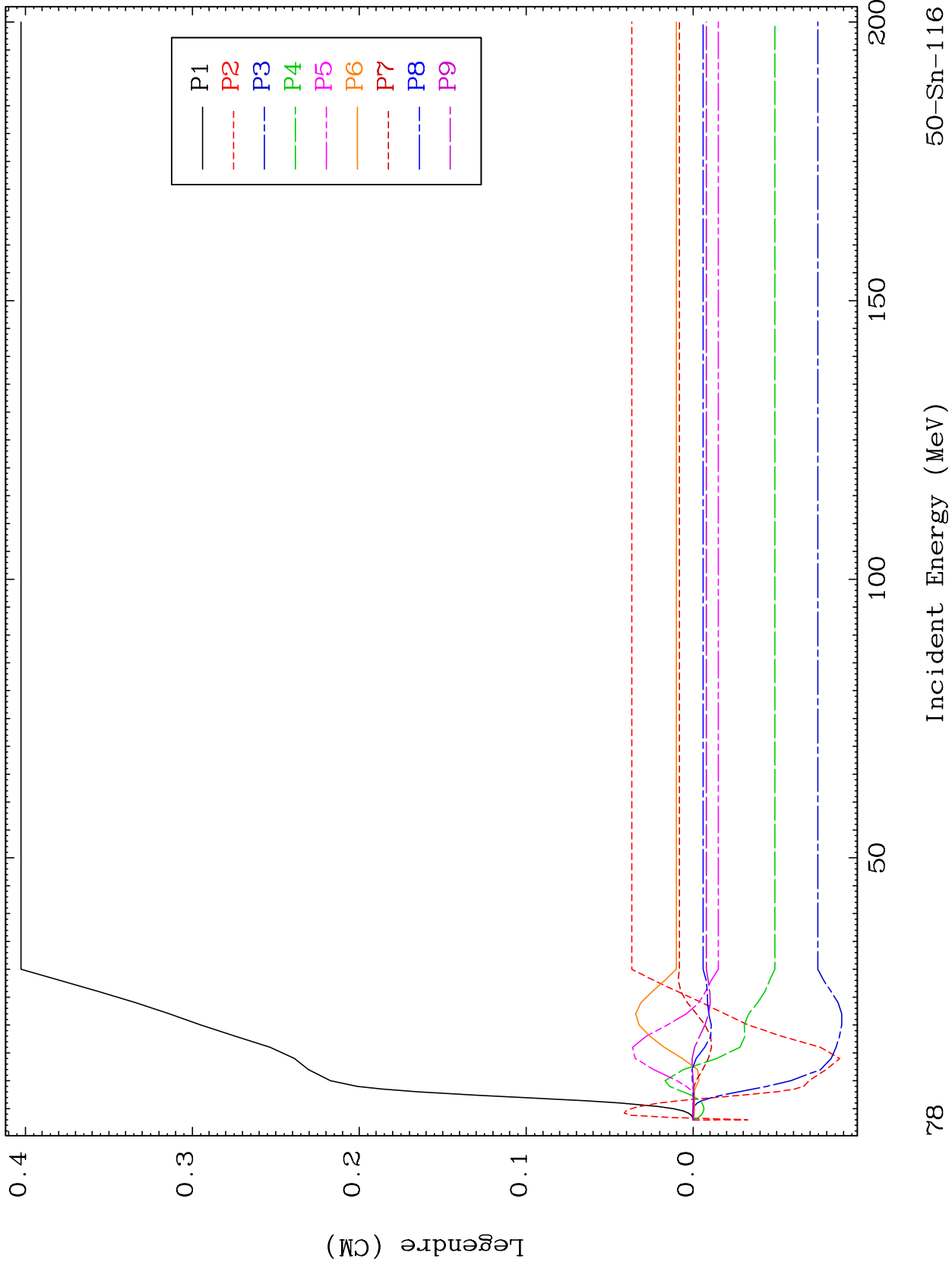
50-Sn-116



MAT 5037

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

50-Sn-116



78

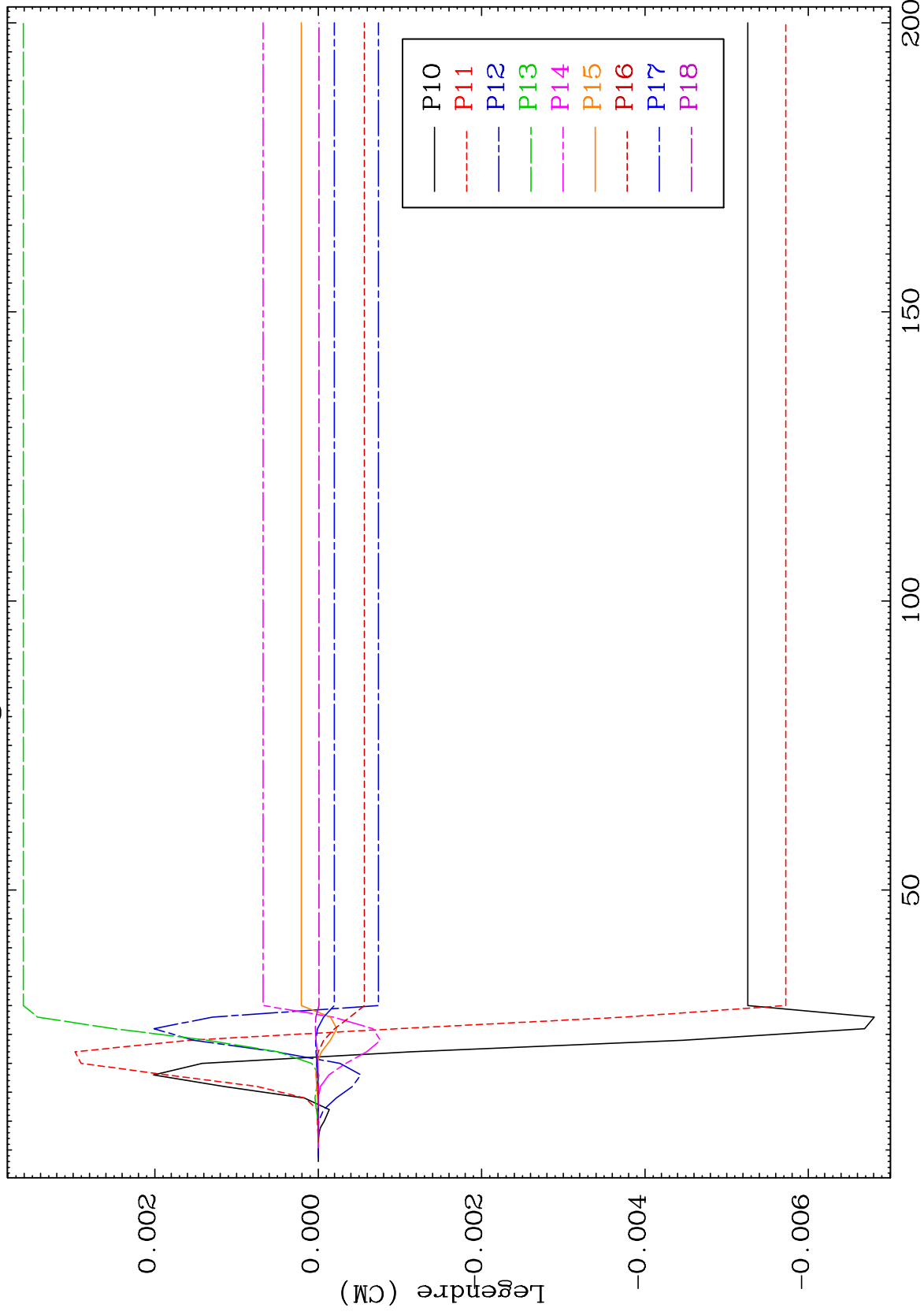
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



79

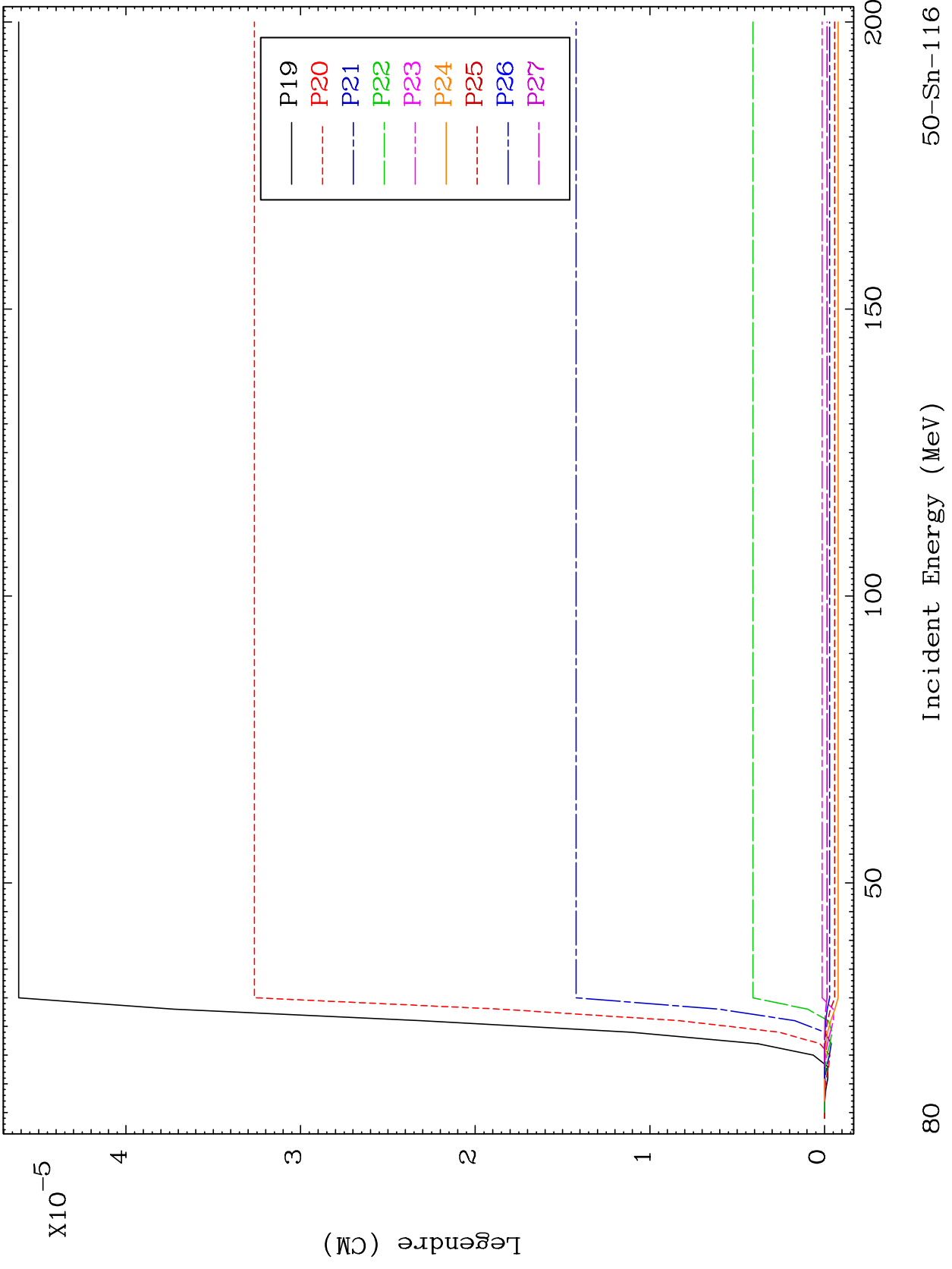
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

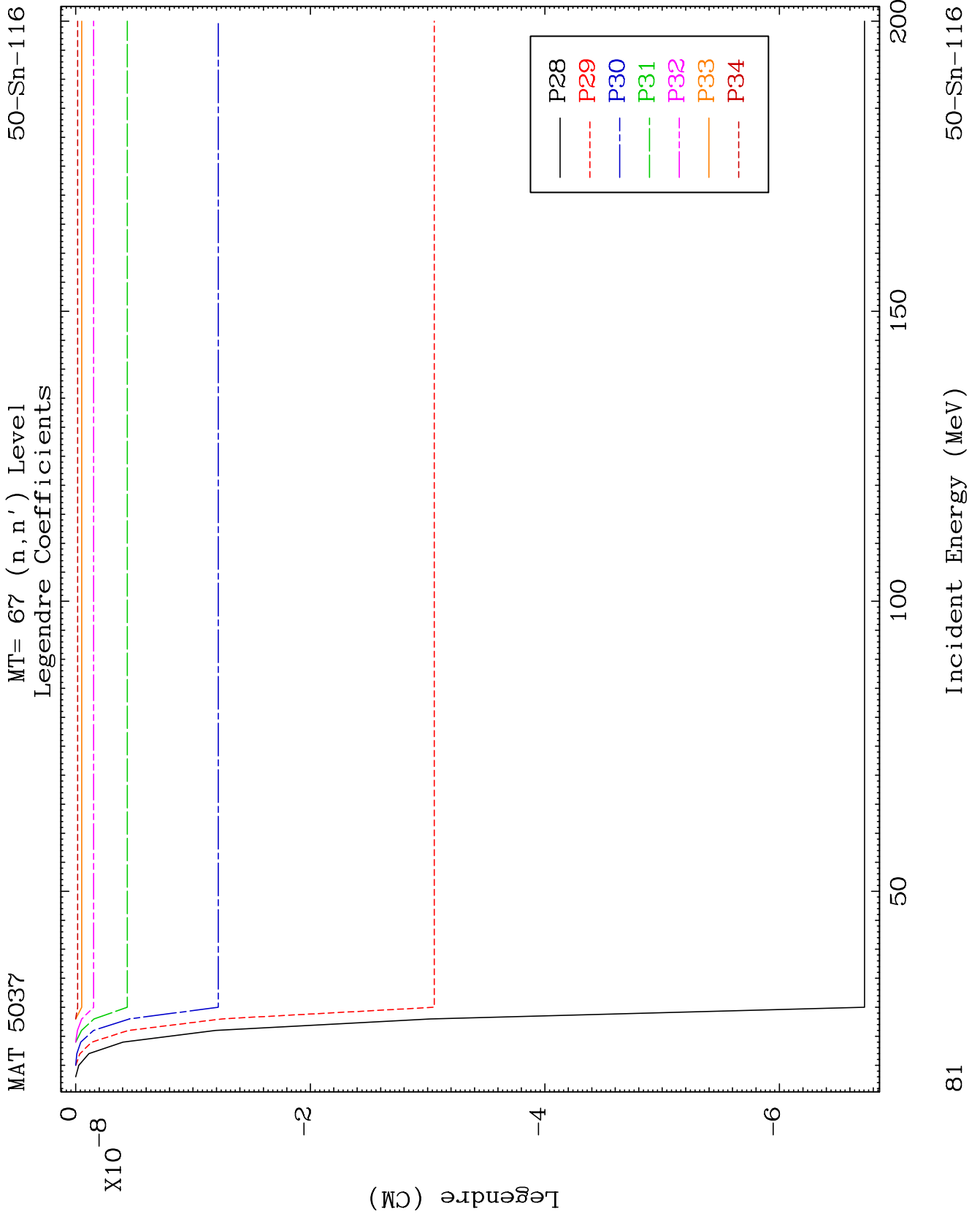
50-Sn-116



80

Incident Energy (MeV)

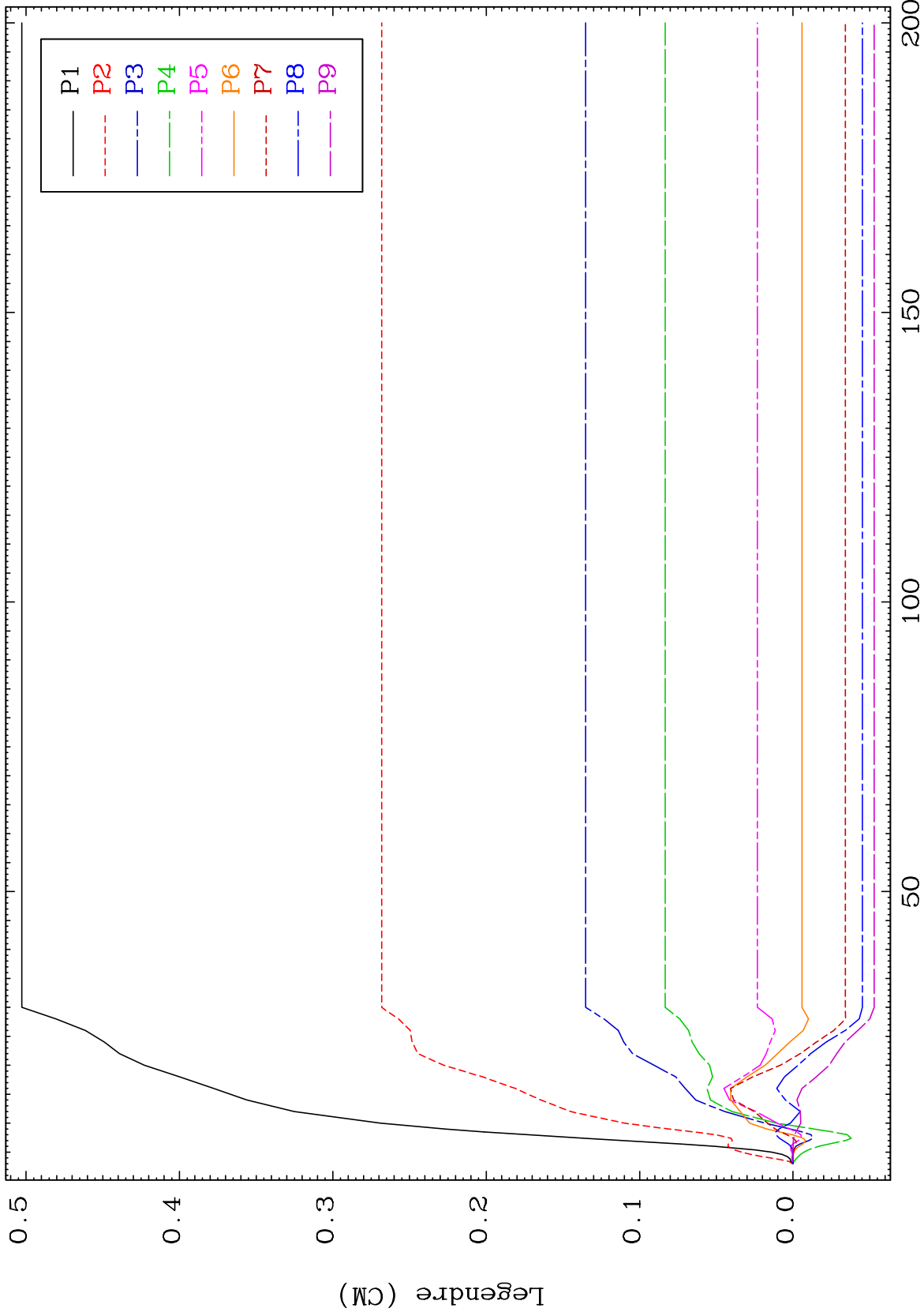
50-Sn-116



MAT 5037

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

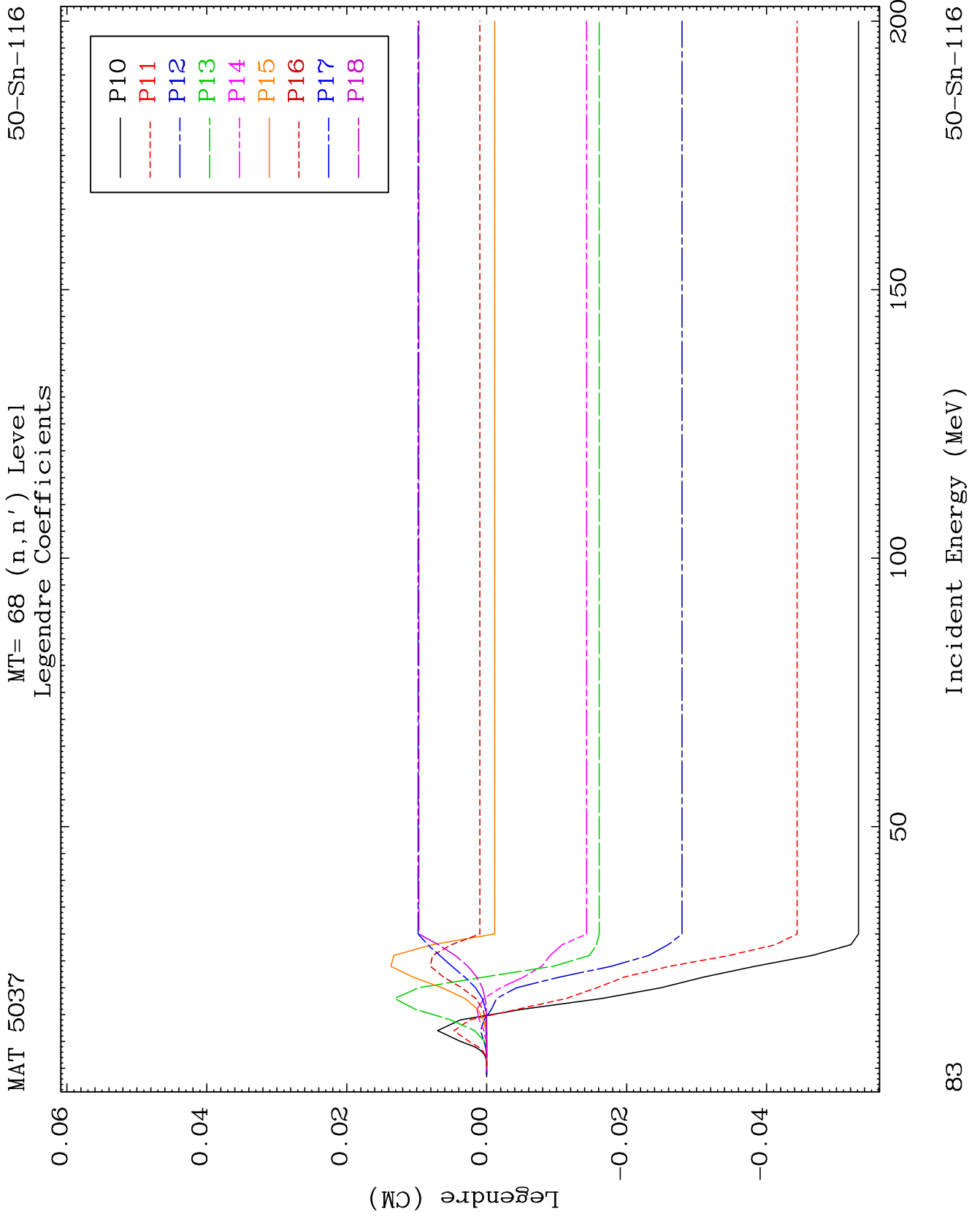
50-Sn-116



82

Incident Energy (MeV)

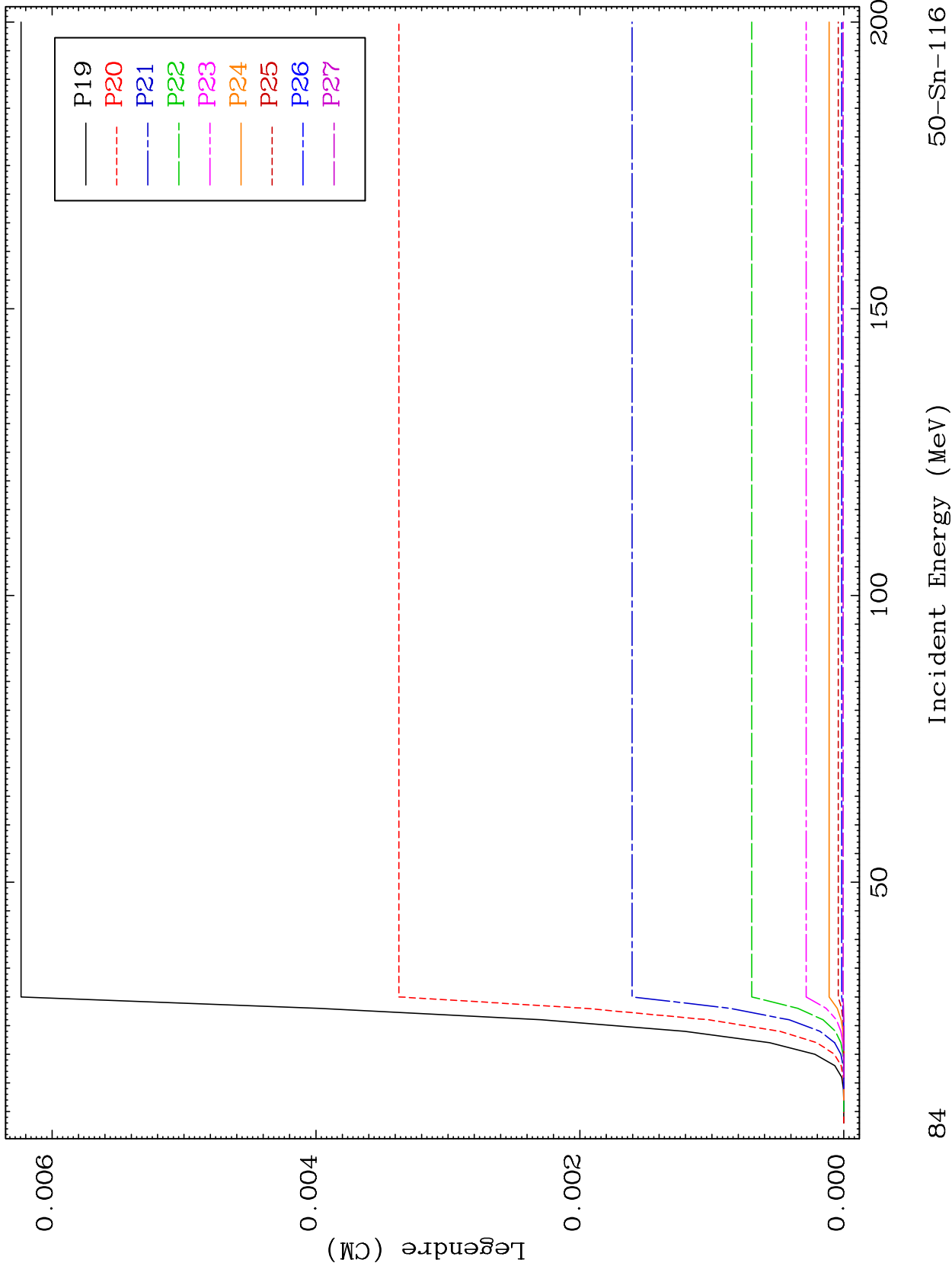
50-Sn-116



MAT 5037

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

50-Sn-116



84

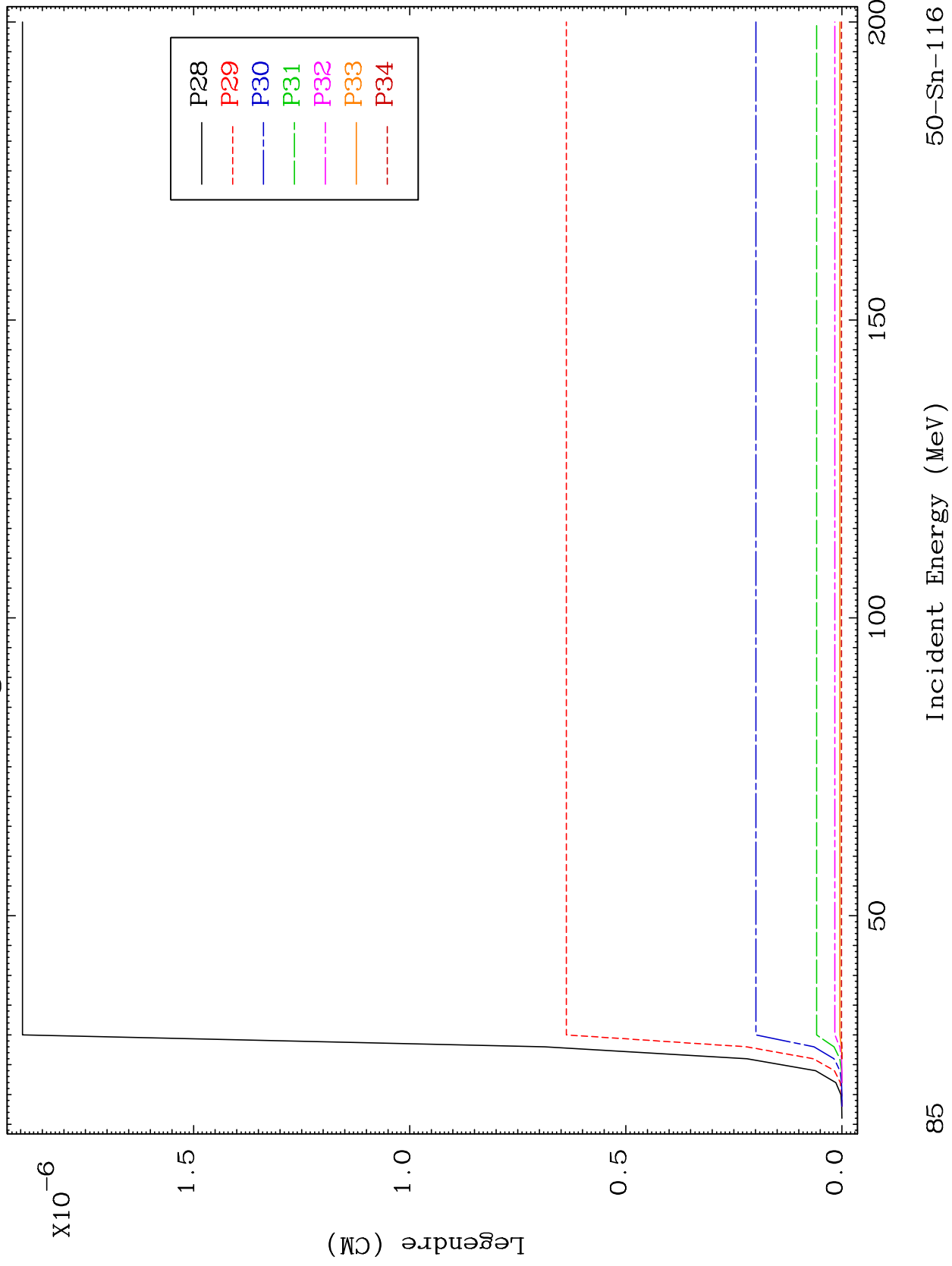
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

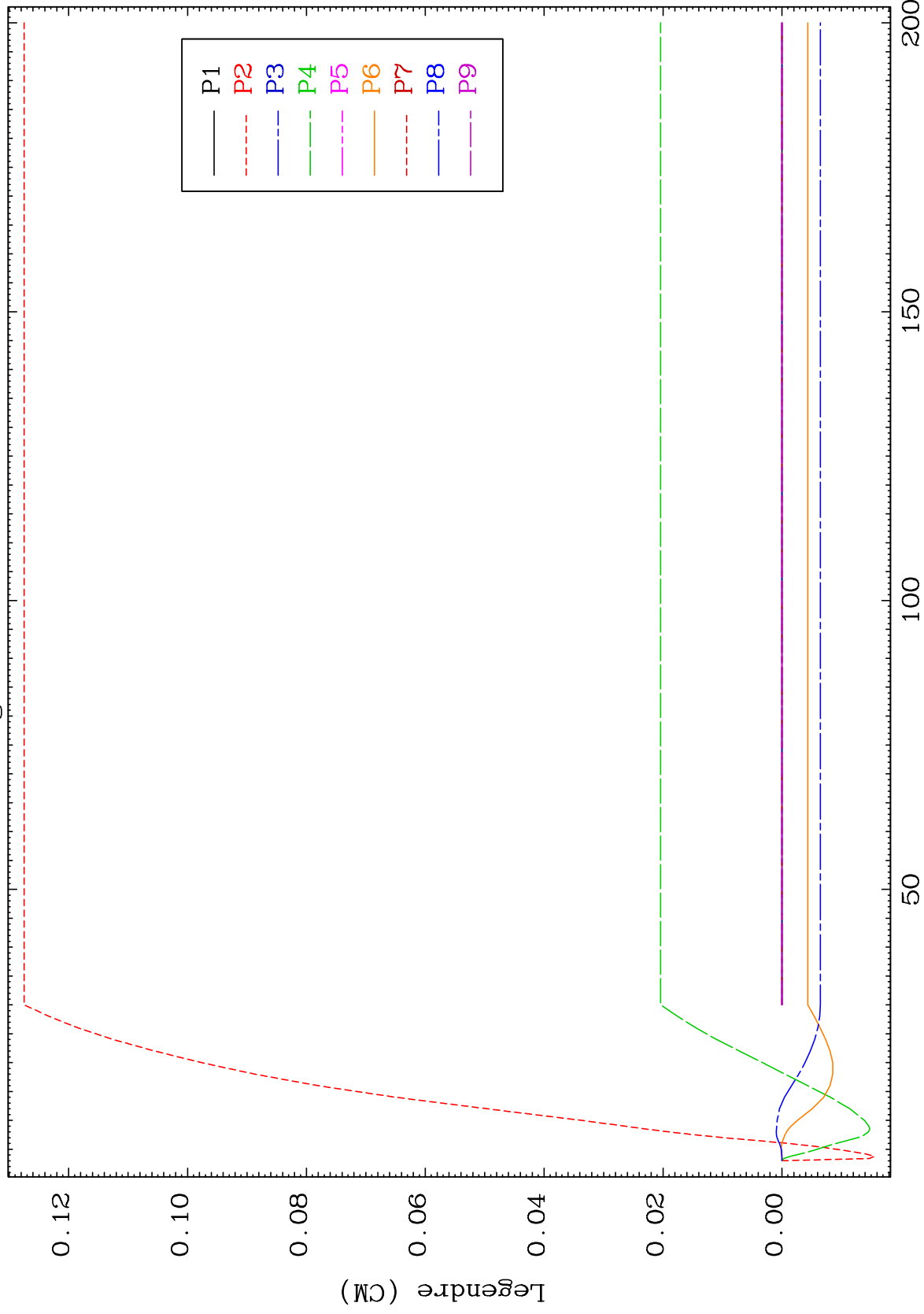
50-Sn-116



MAT 5037

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

50-Sn-116



86

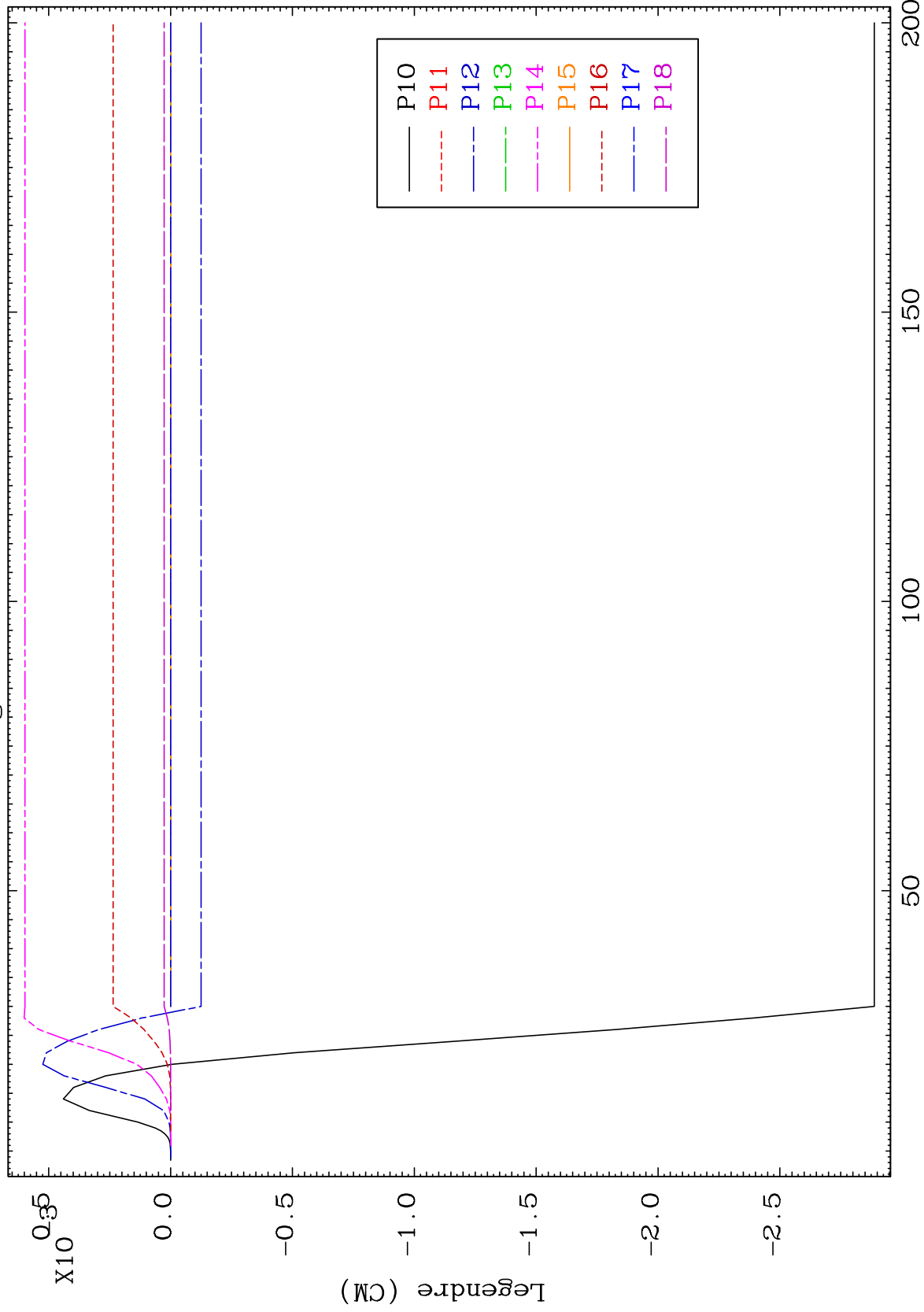
Incident Energy (MeV)

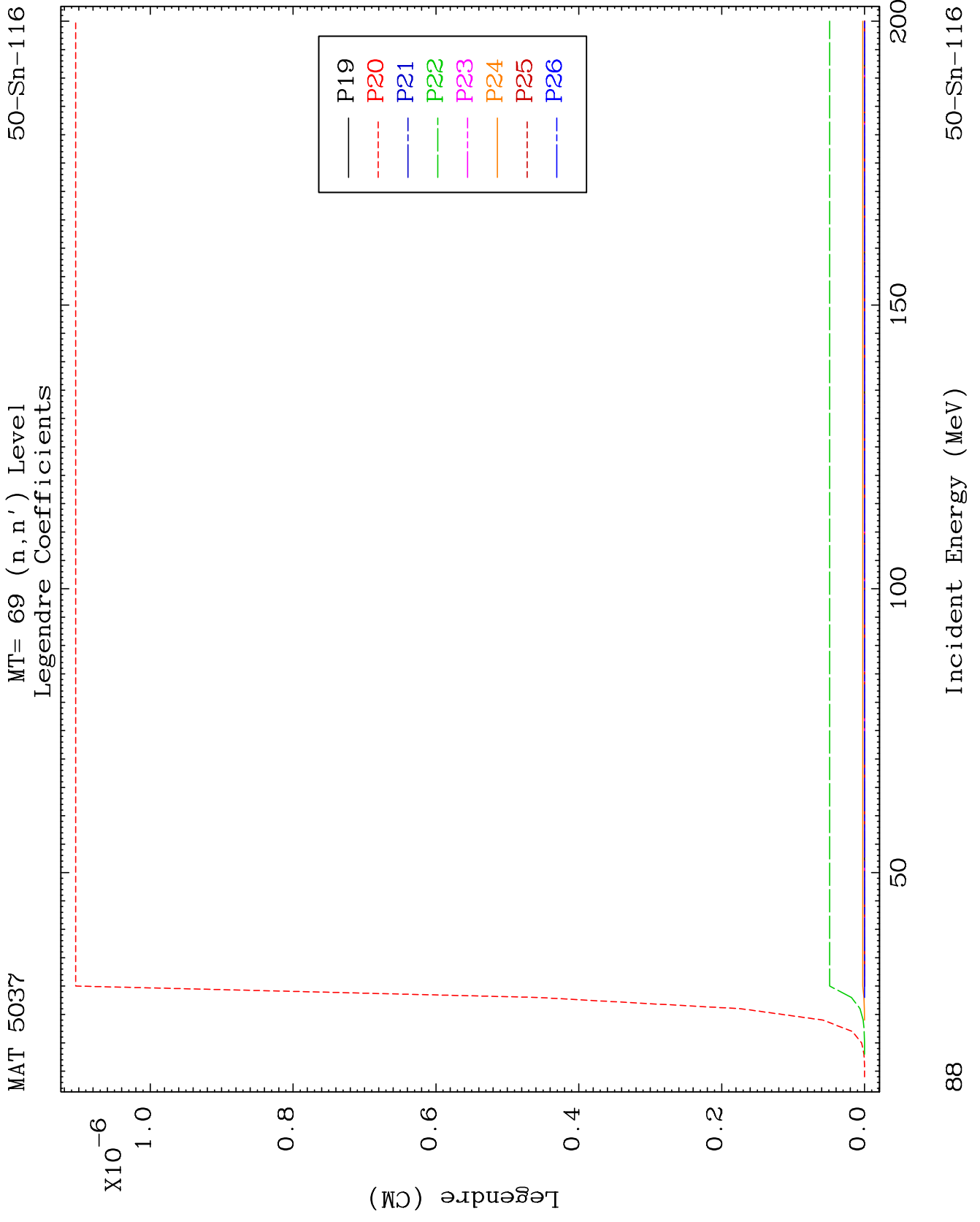
50-Sn-116

MAT 5037

50-Sn-116

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

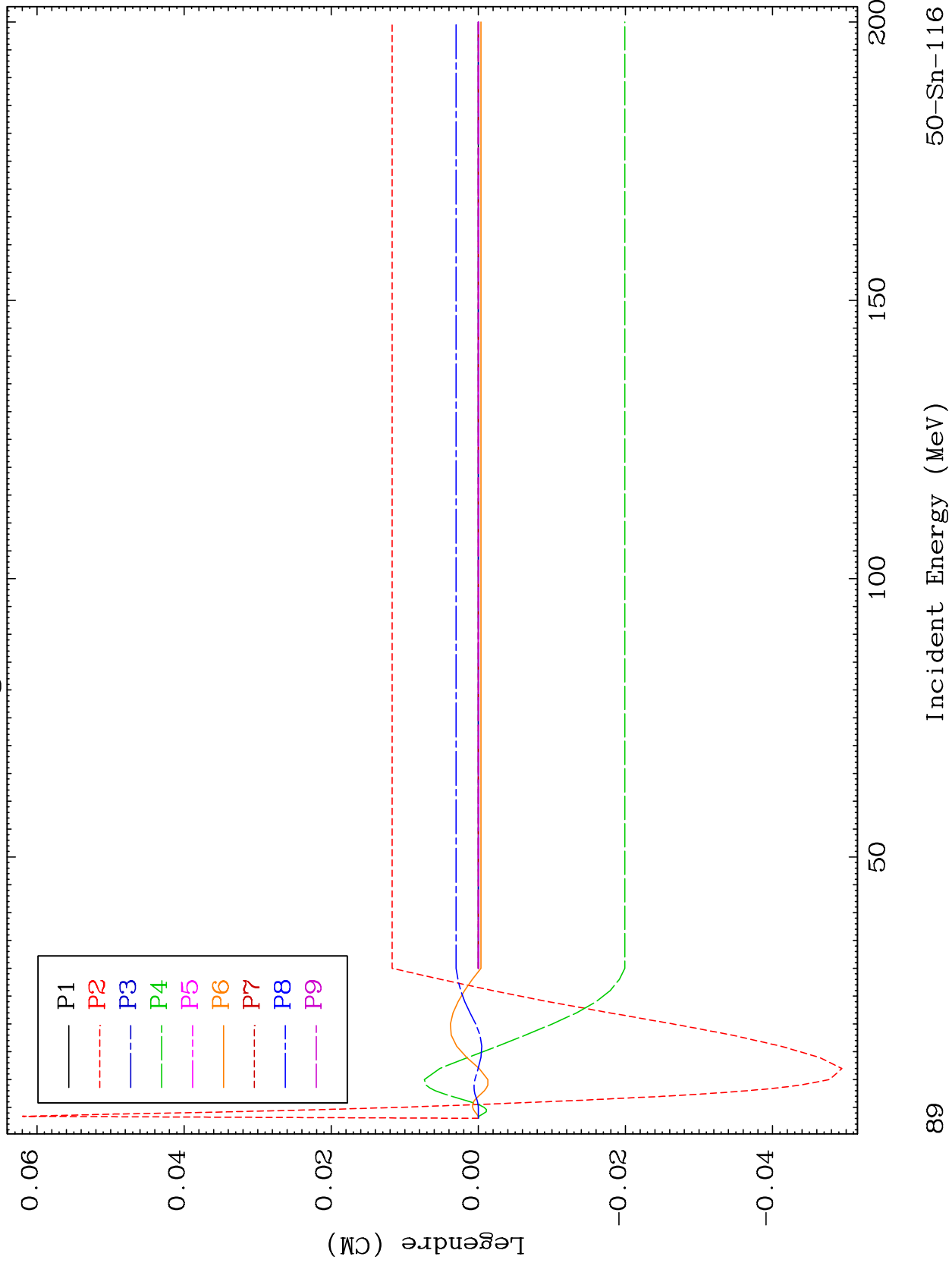




MAT 5037

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

50-Sn-116



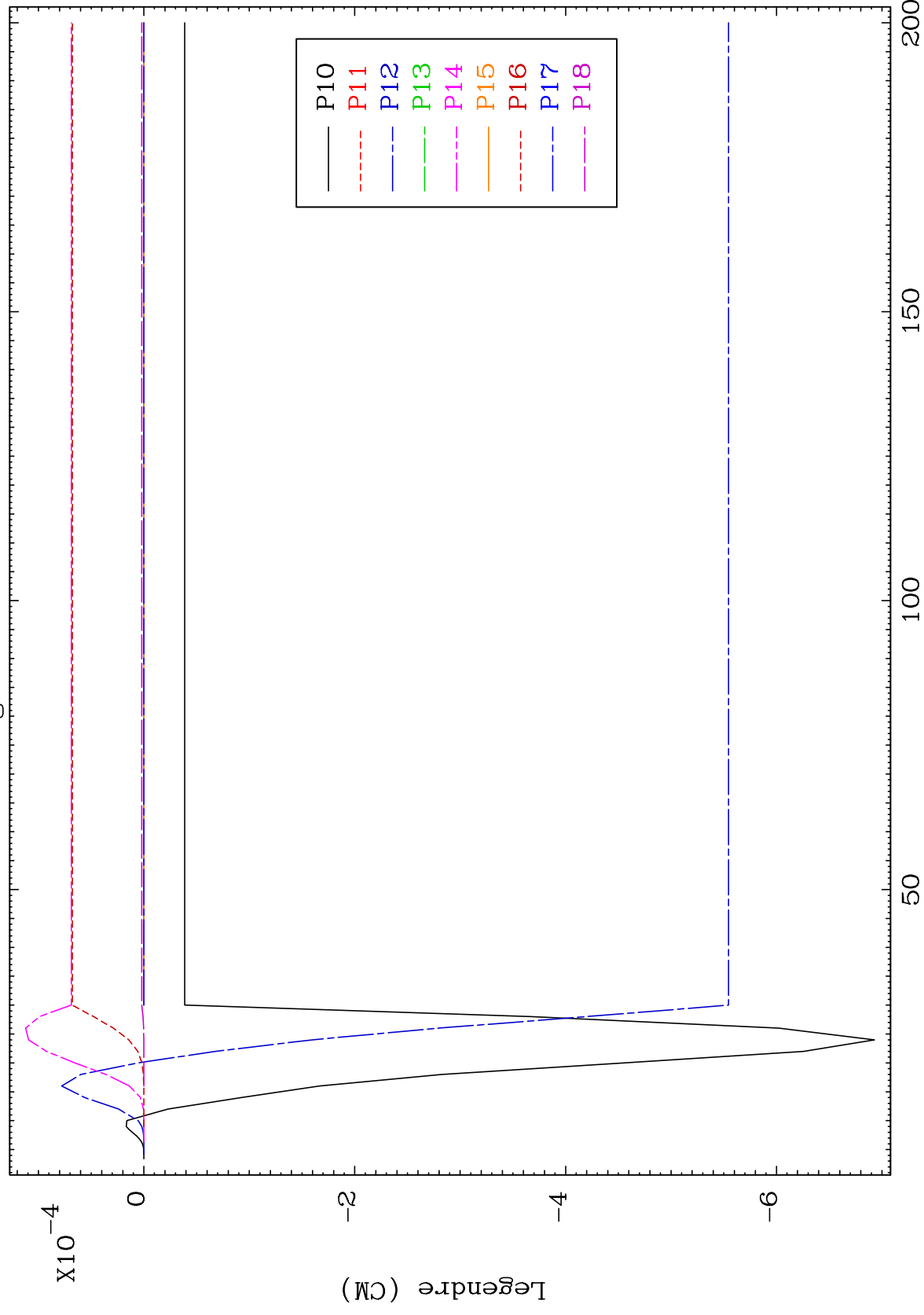
89

50-Sn-116

MAT 5037

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

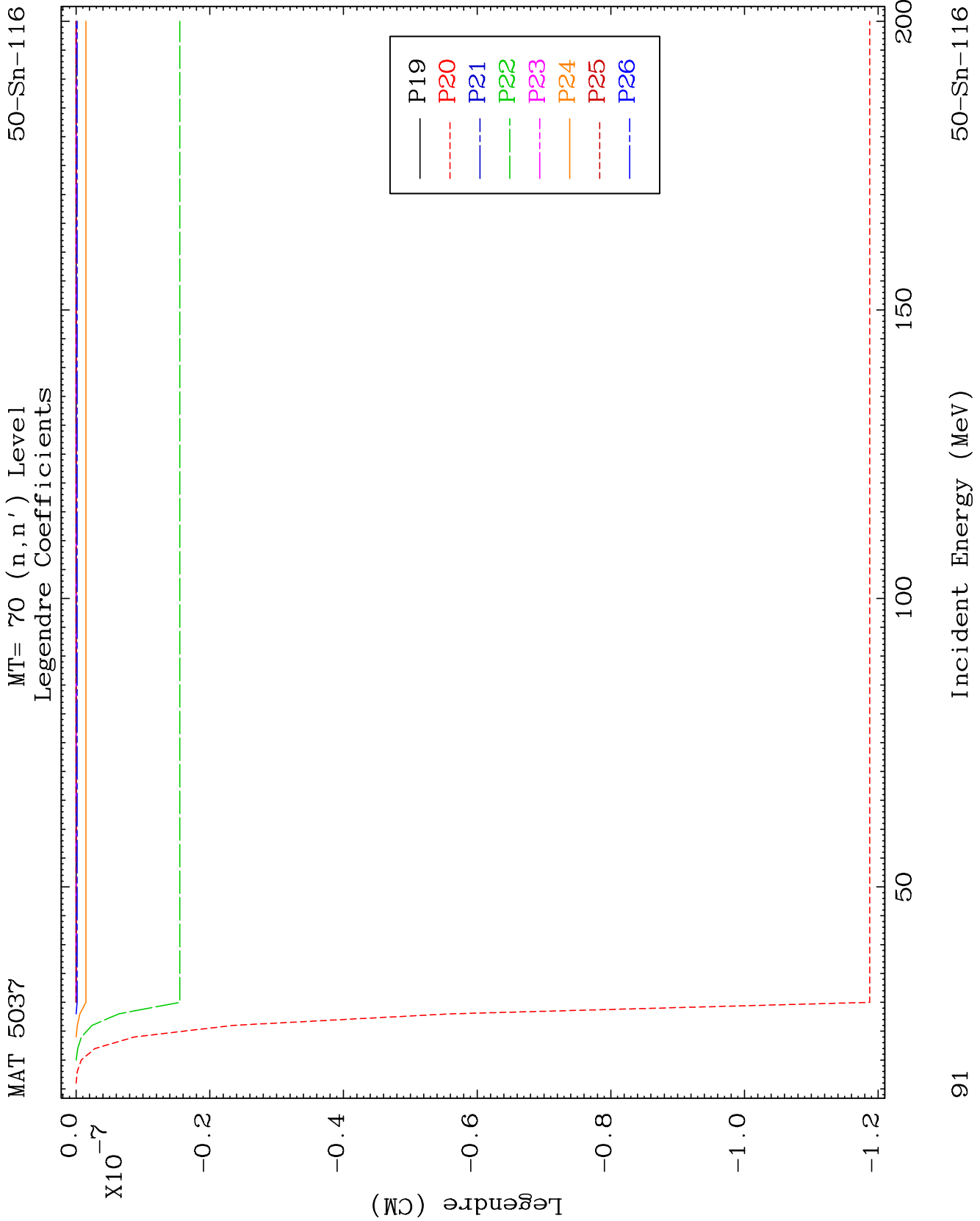
50-Sn-116



90

Incident Energy (MeV)

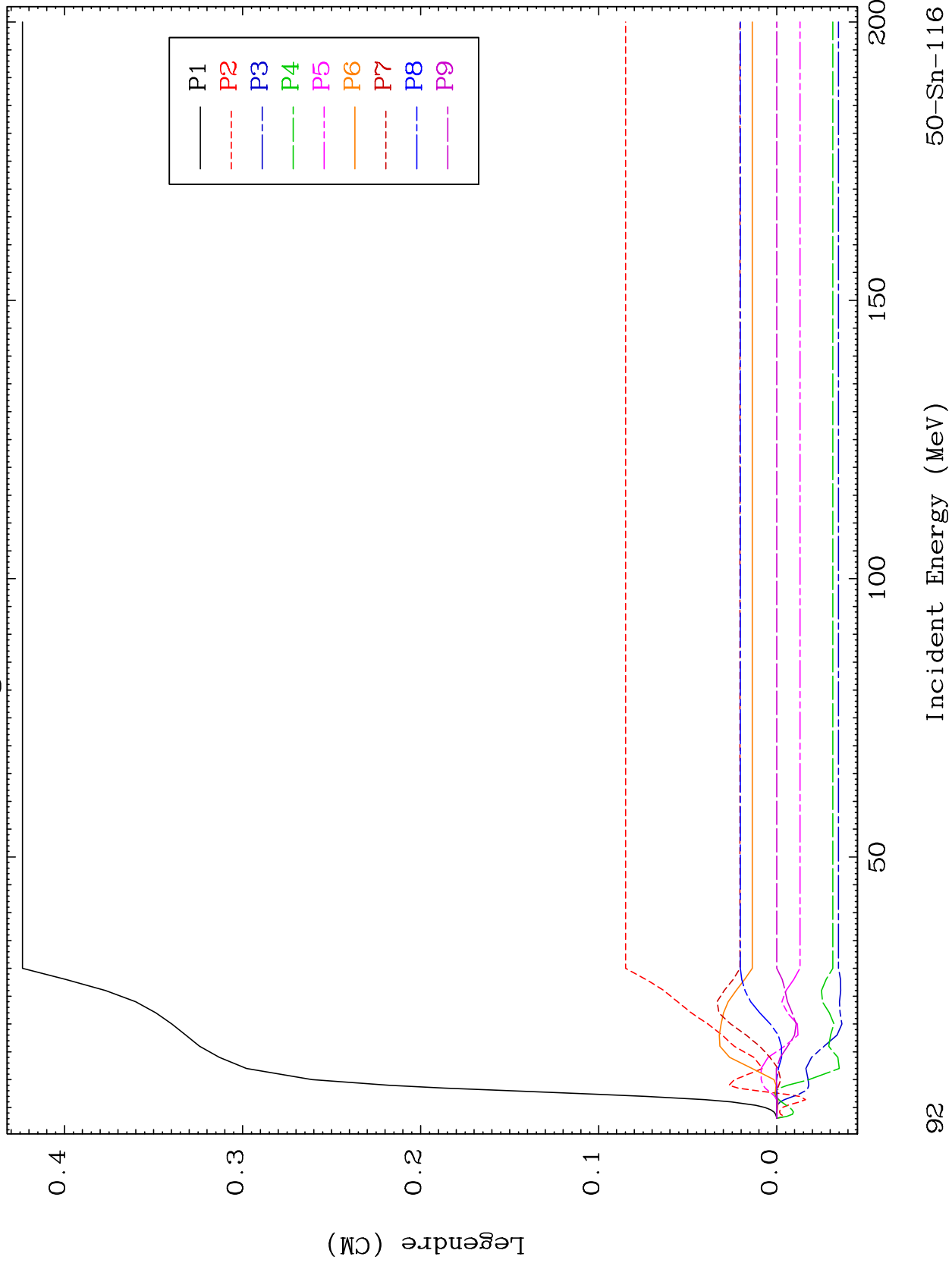
50-Sn-116



MAT 5037

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

50-Sn-116



92

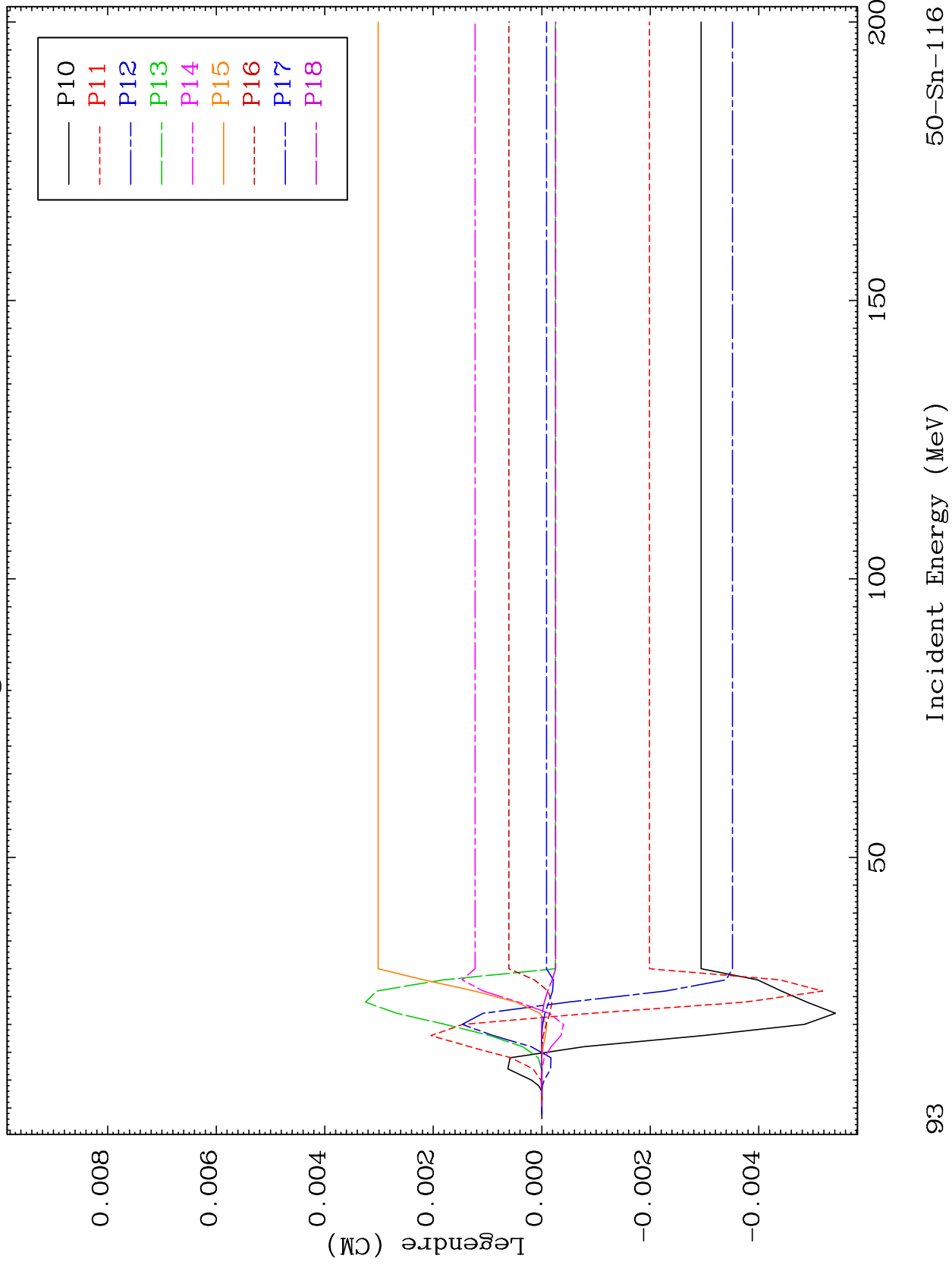
Incident Energy (MeV)

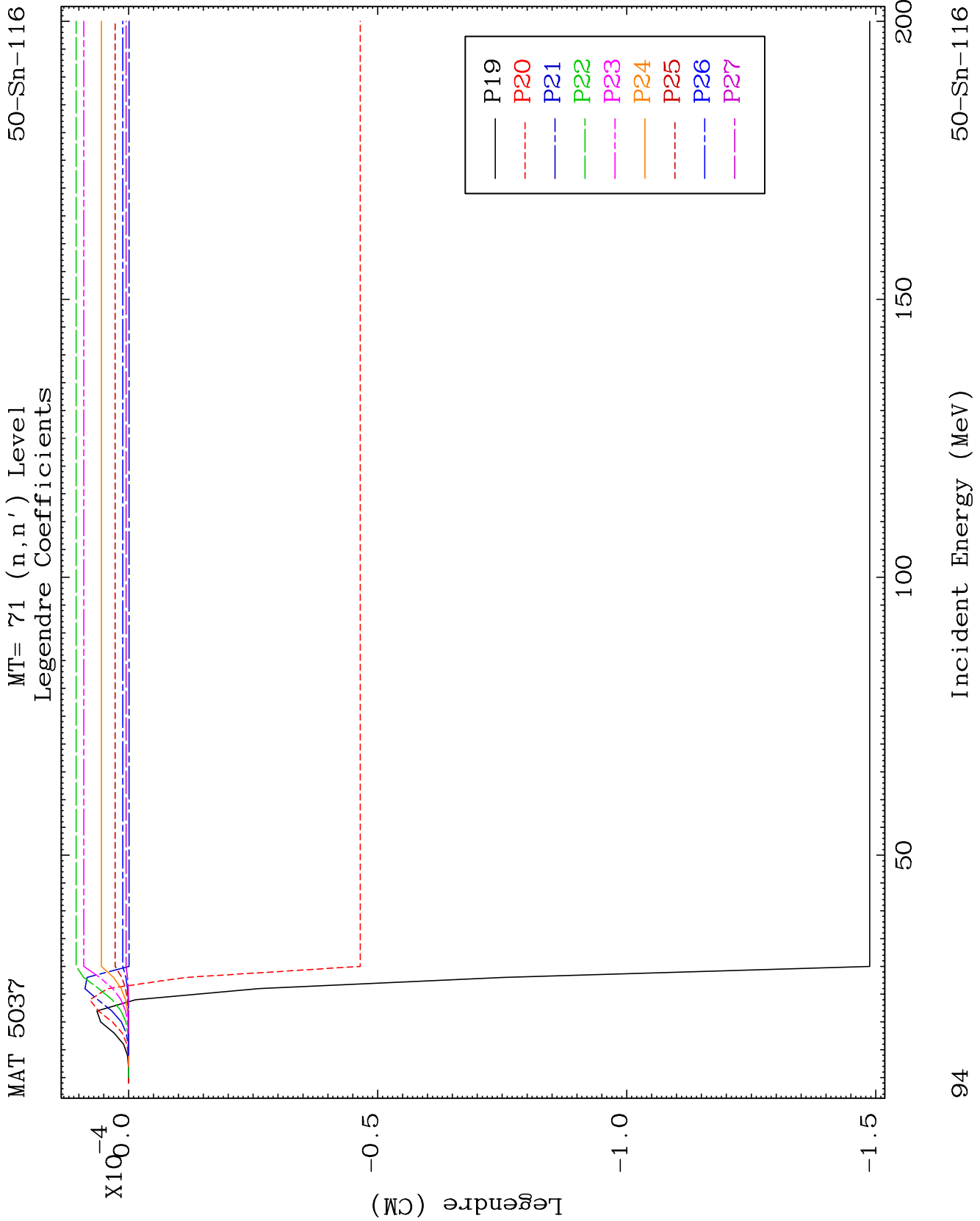
50-Sn-116

MAT 5037

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

50-Sn-116

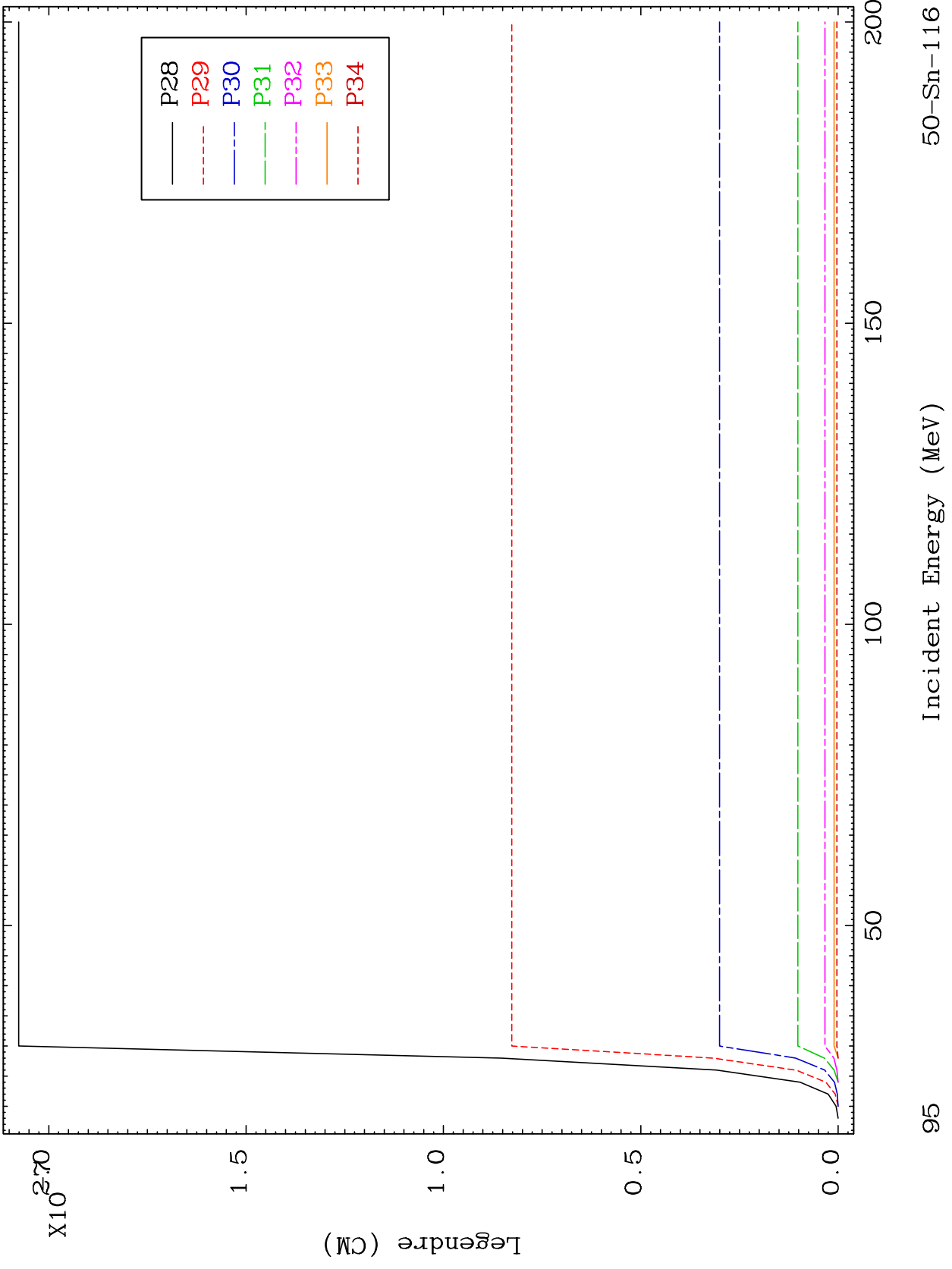




MAT 5037

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

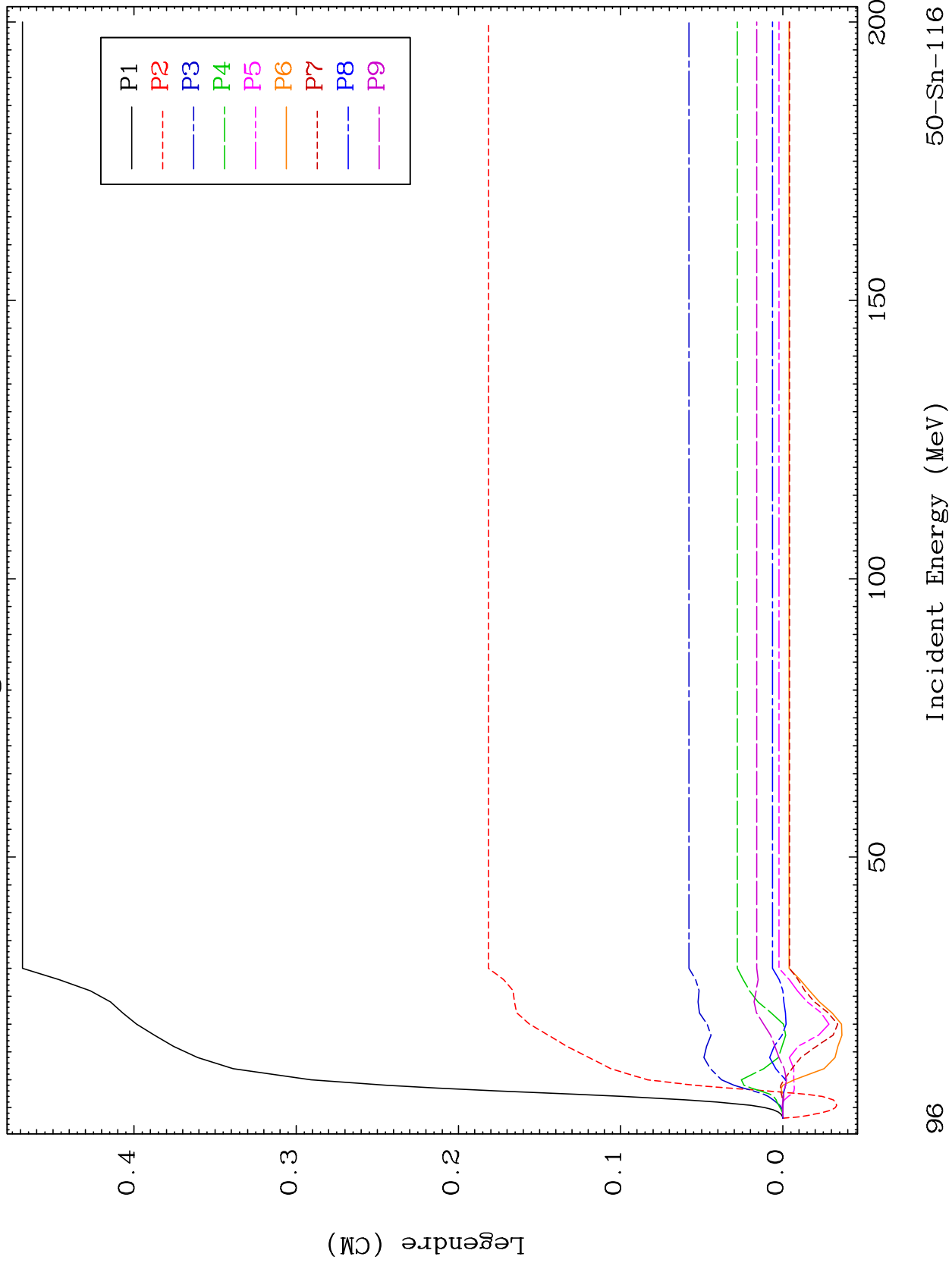
50-Sn-116



MAT 5037

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

50-Sn-116



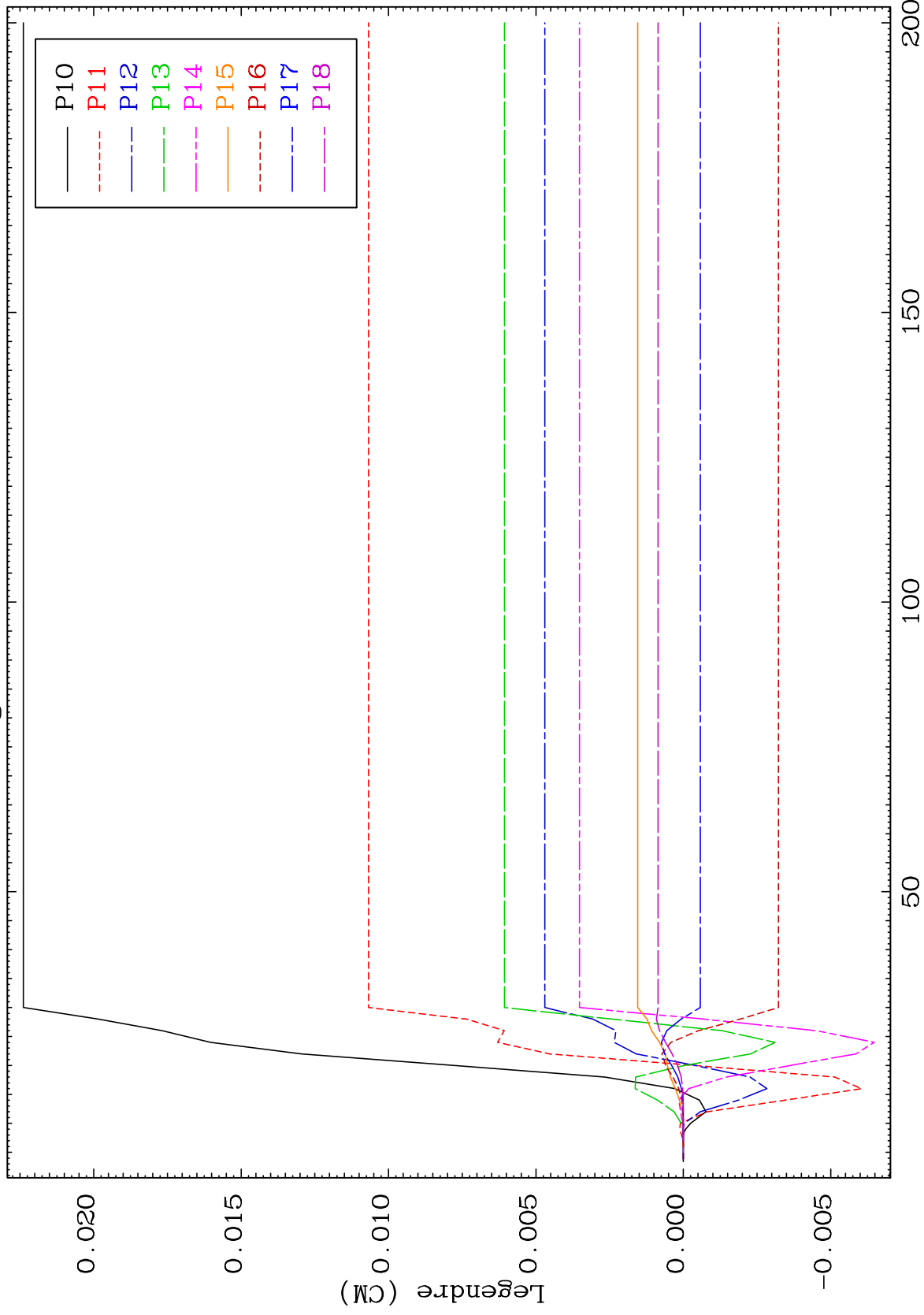
96

50-Sn-116

MAT 5037

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

50-Sn-116



97

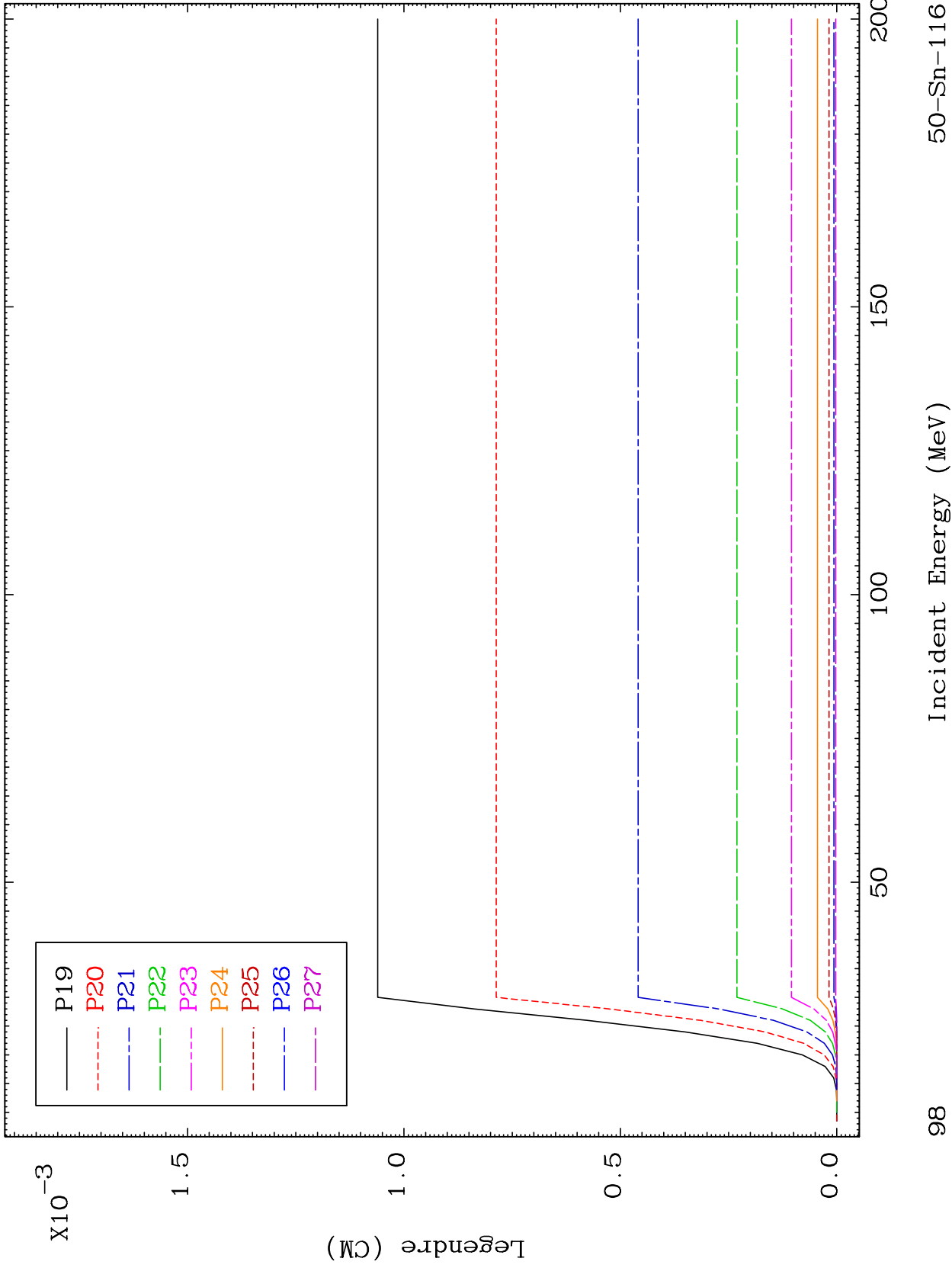
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



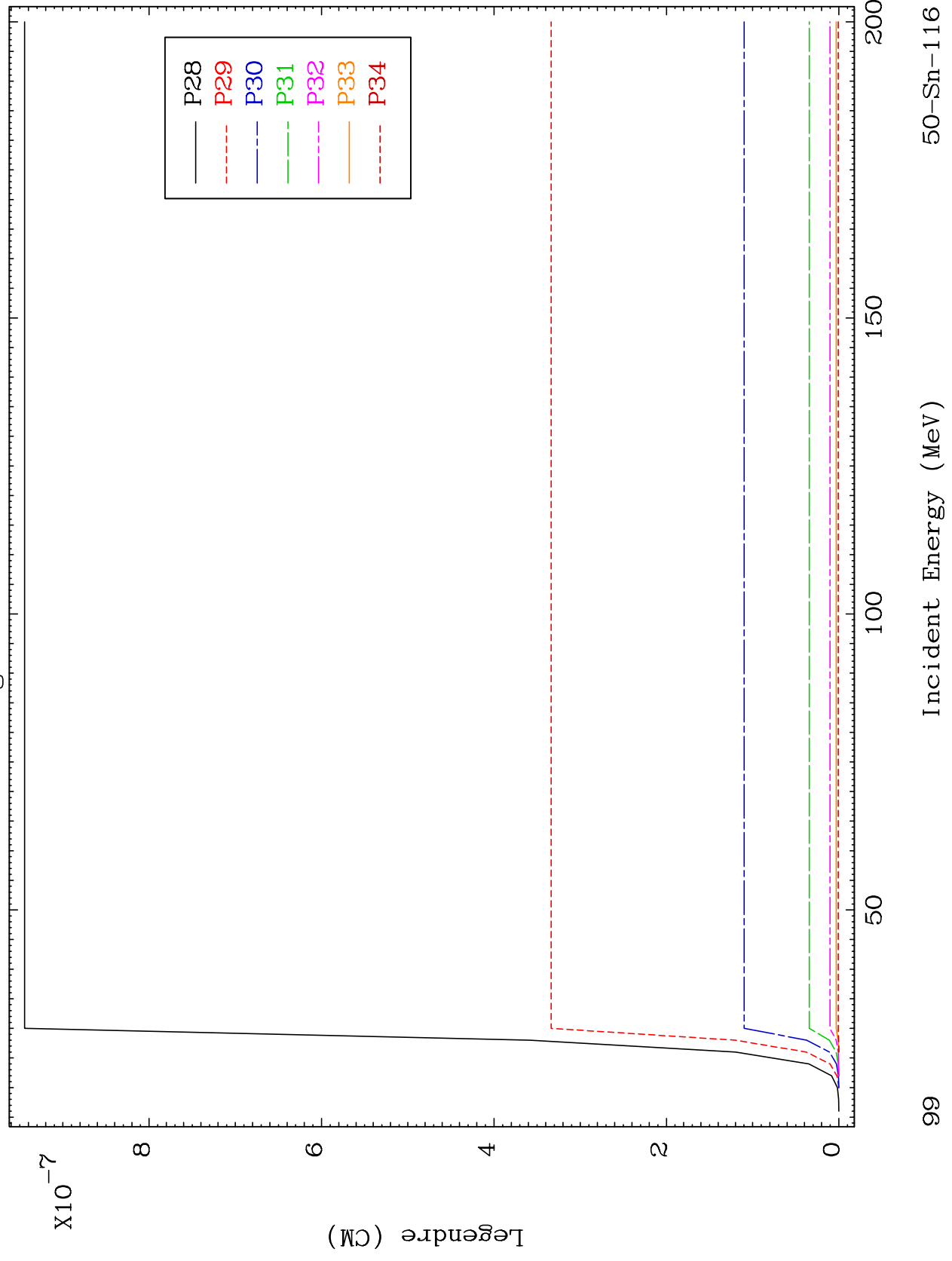
98

50-Sn-116

MAT 5037

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

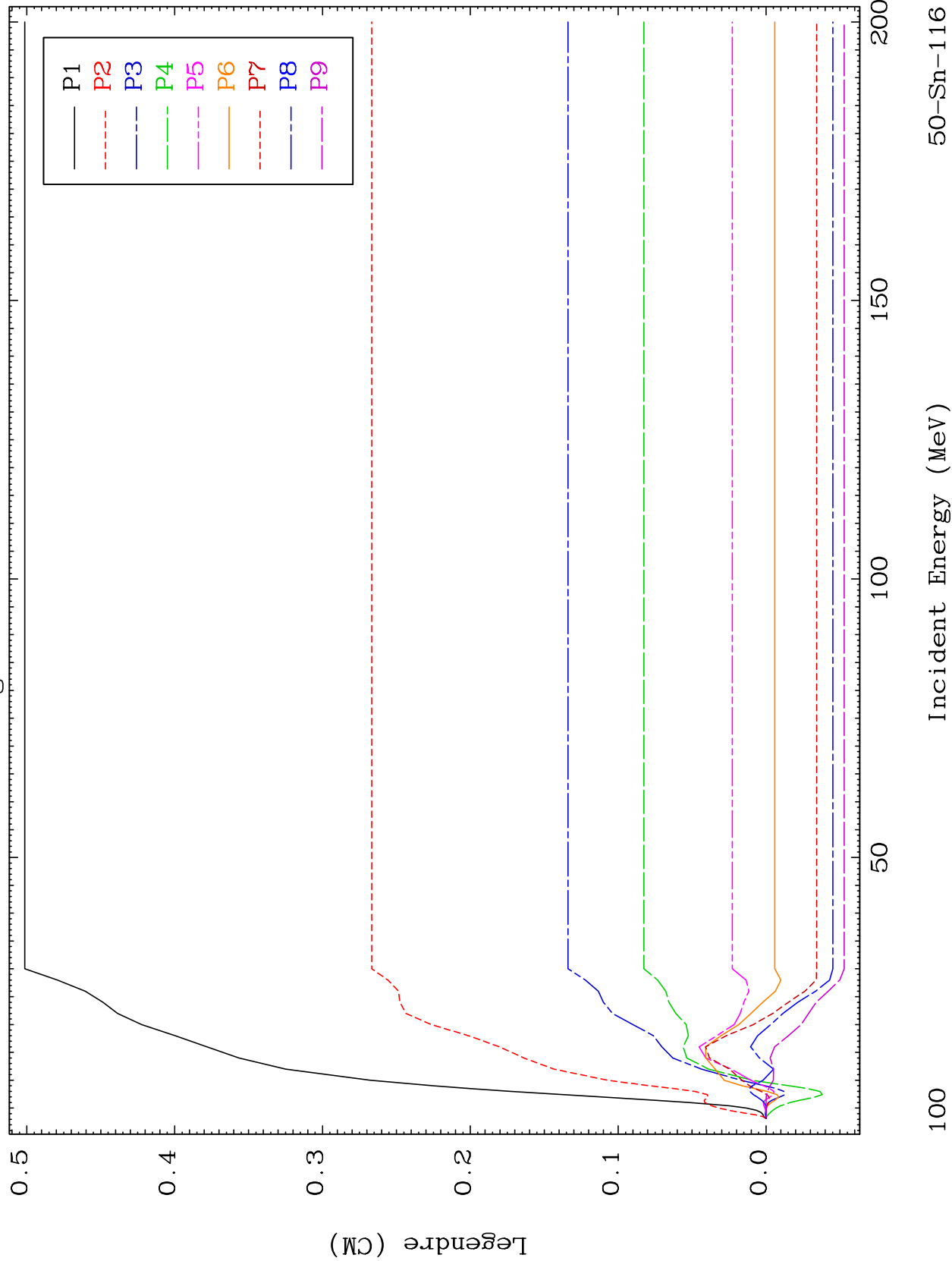
50-Sn-116



MAT 5037

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

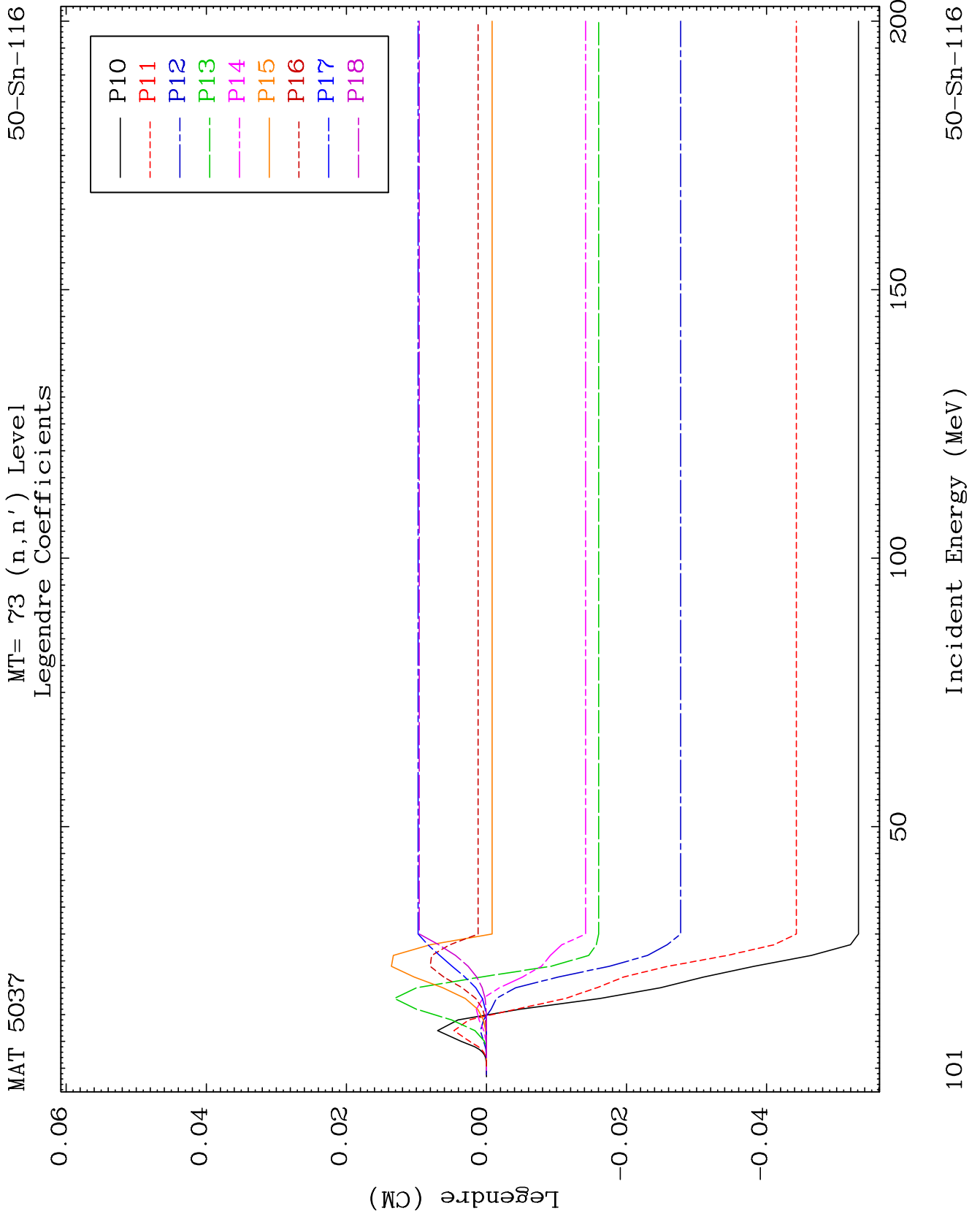
50-Sn-116



50-Sn-116

Incident Energy (MeV)

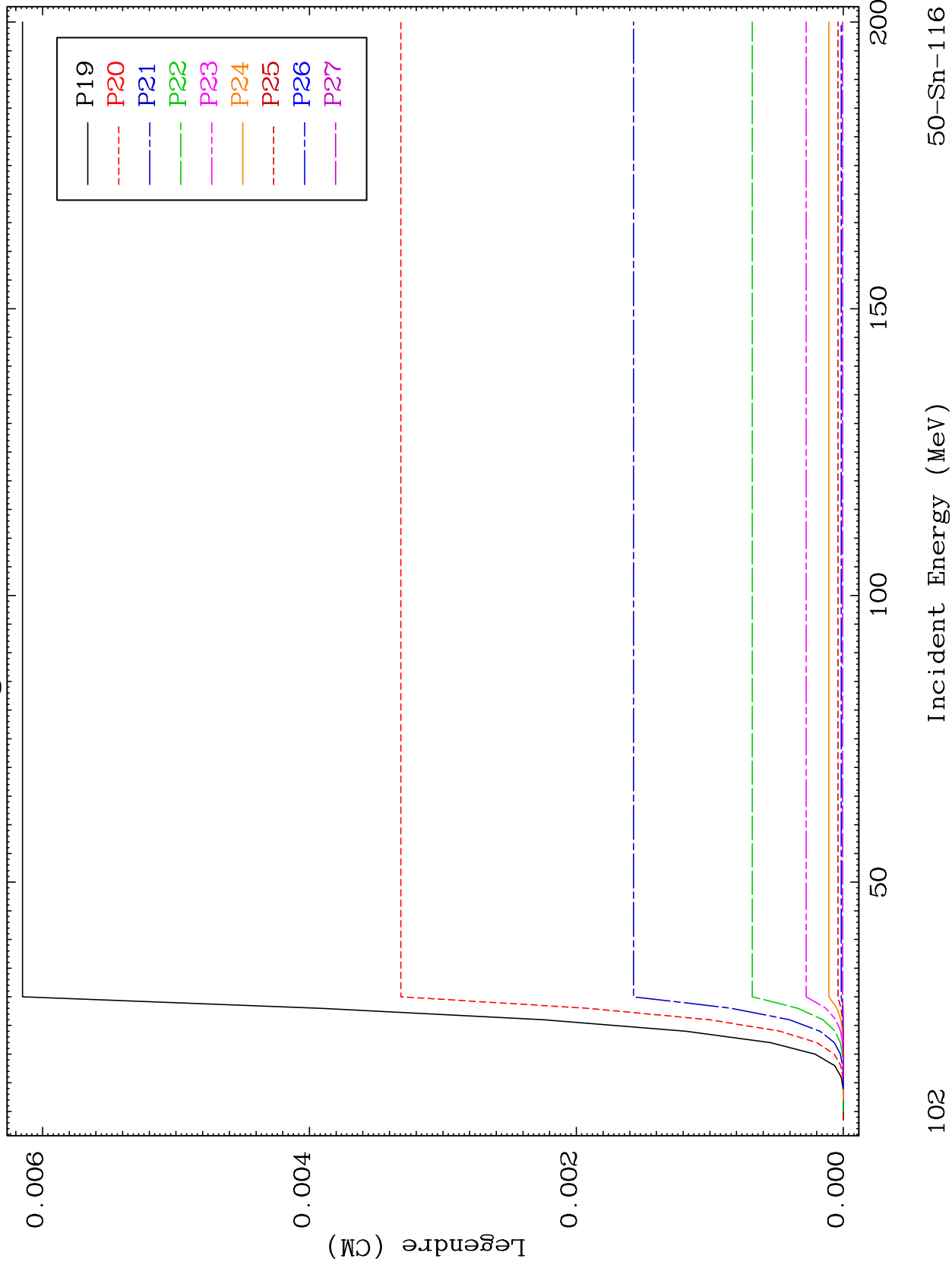
100



MAT 5037

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

50-Sn-116



102

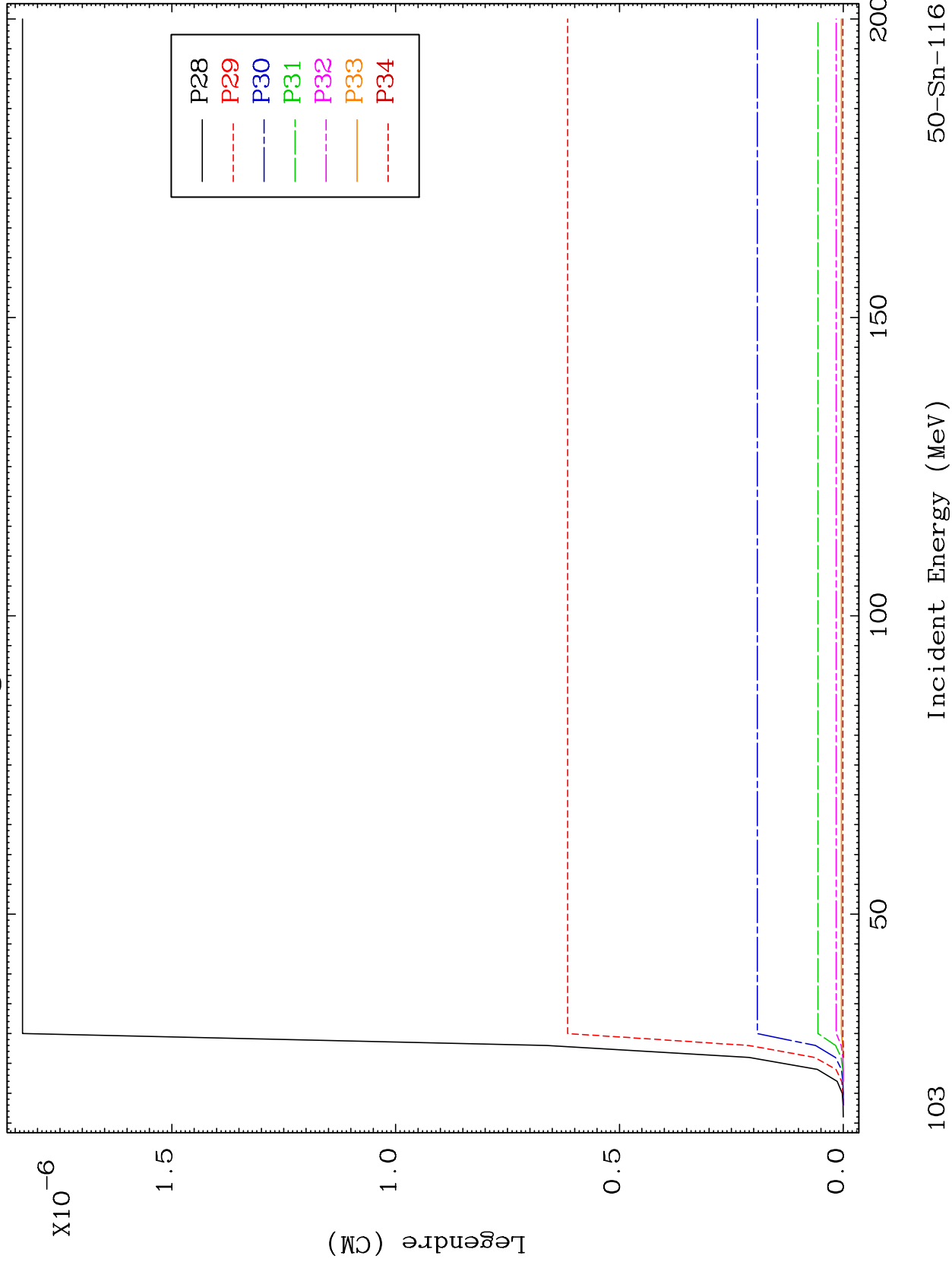
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116

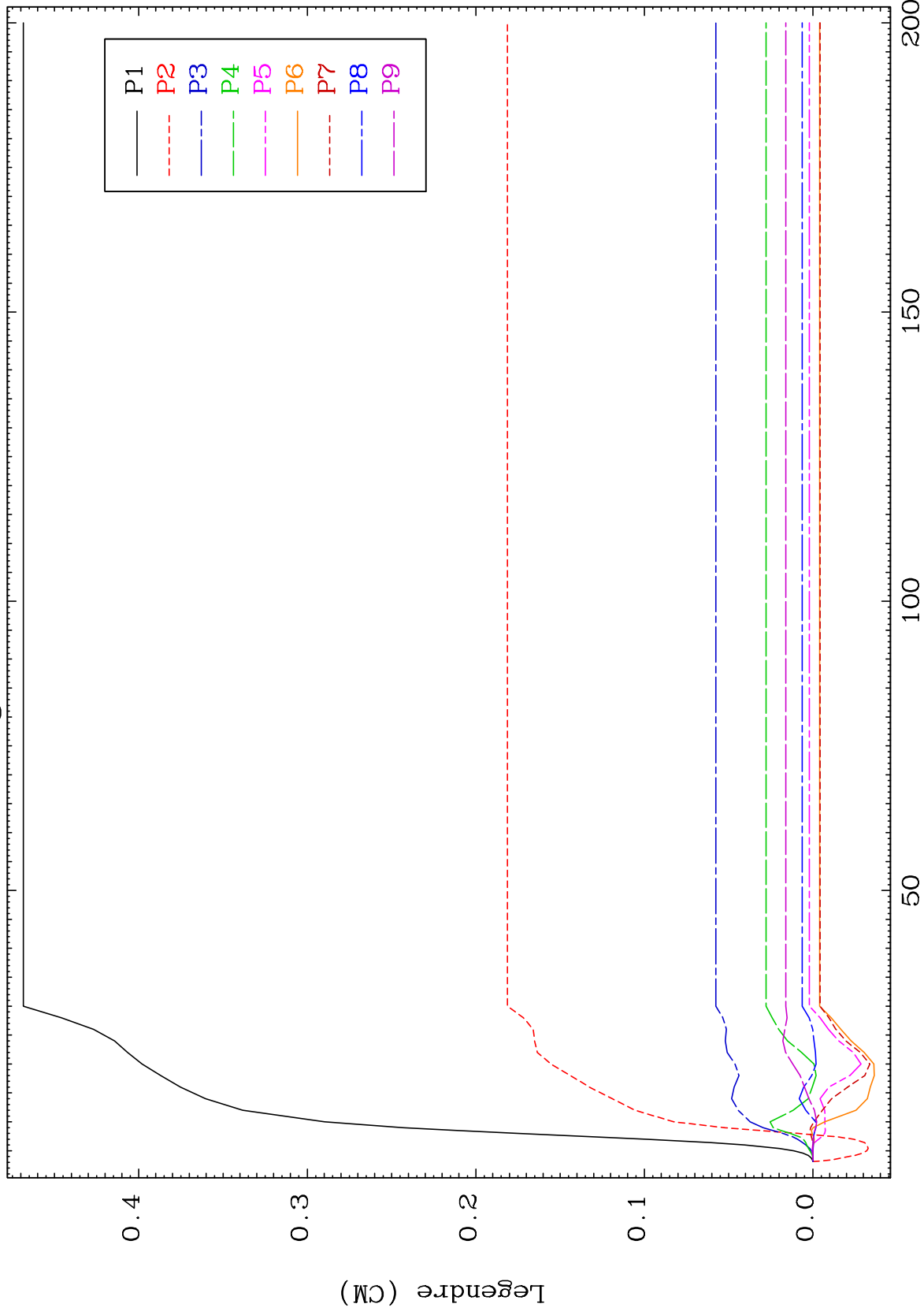


103

MAT 5037

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

50-Sn-116



104

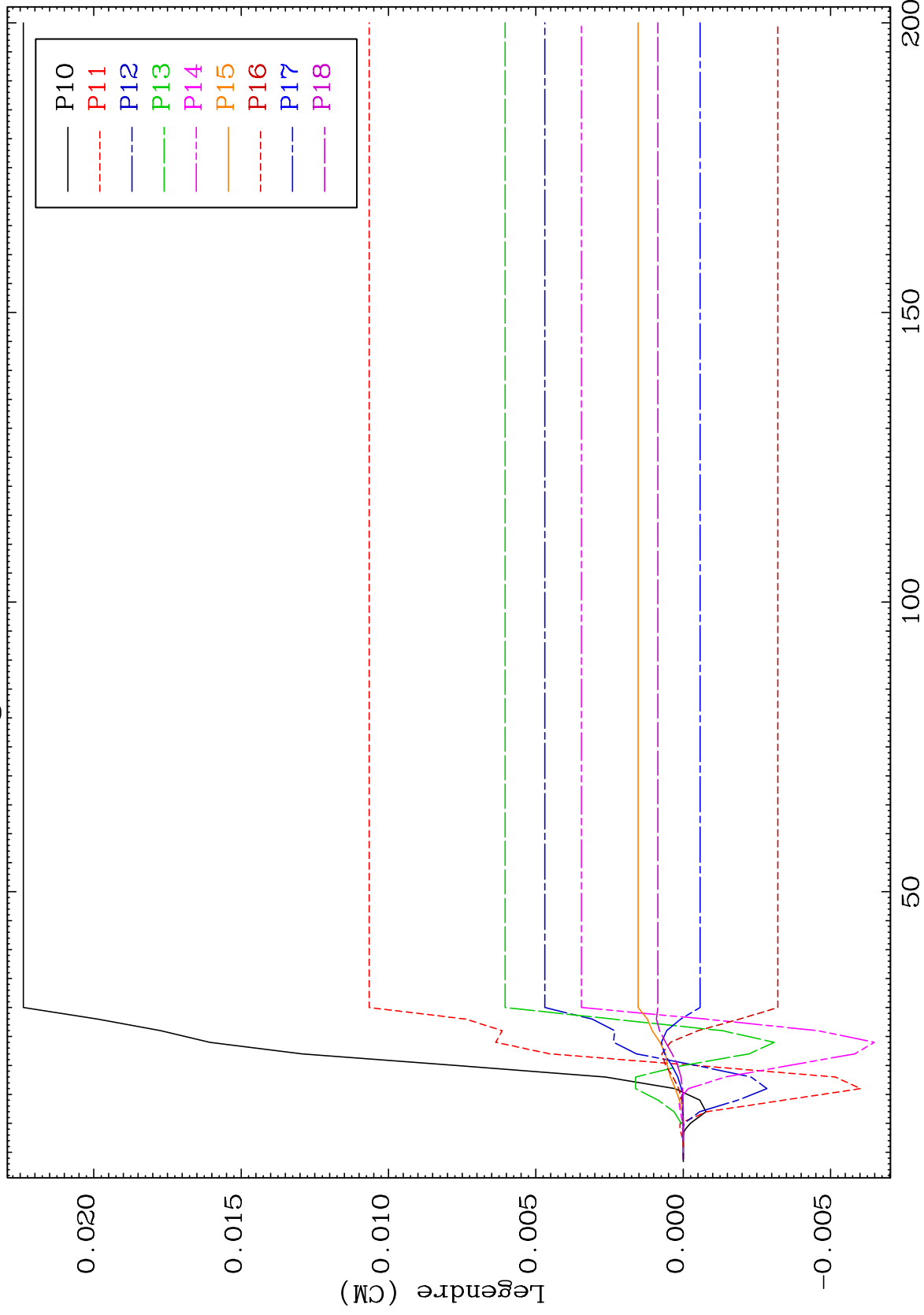
Incident Energy (MeV)

50-Sn-116

MAT 5037

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

50-Sn-116



50-Sn-116

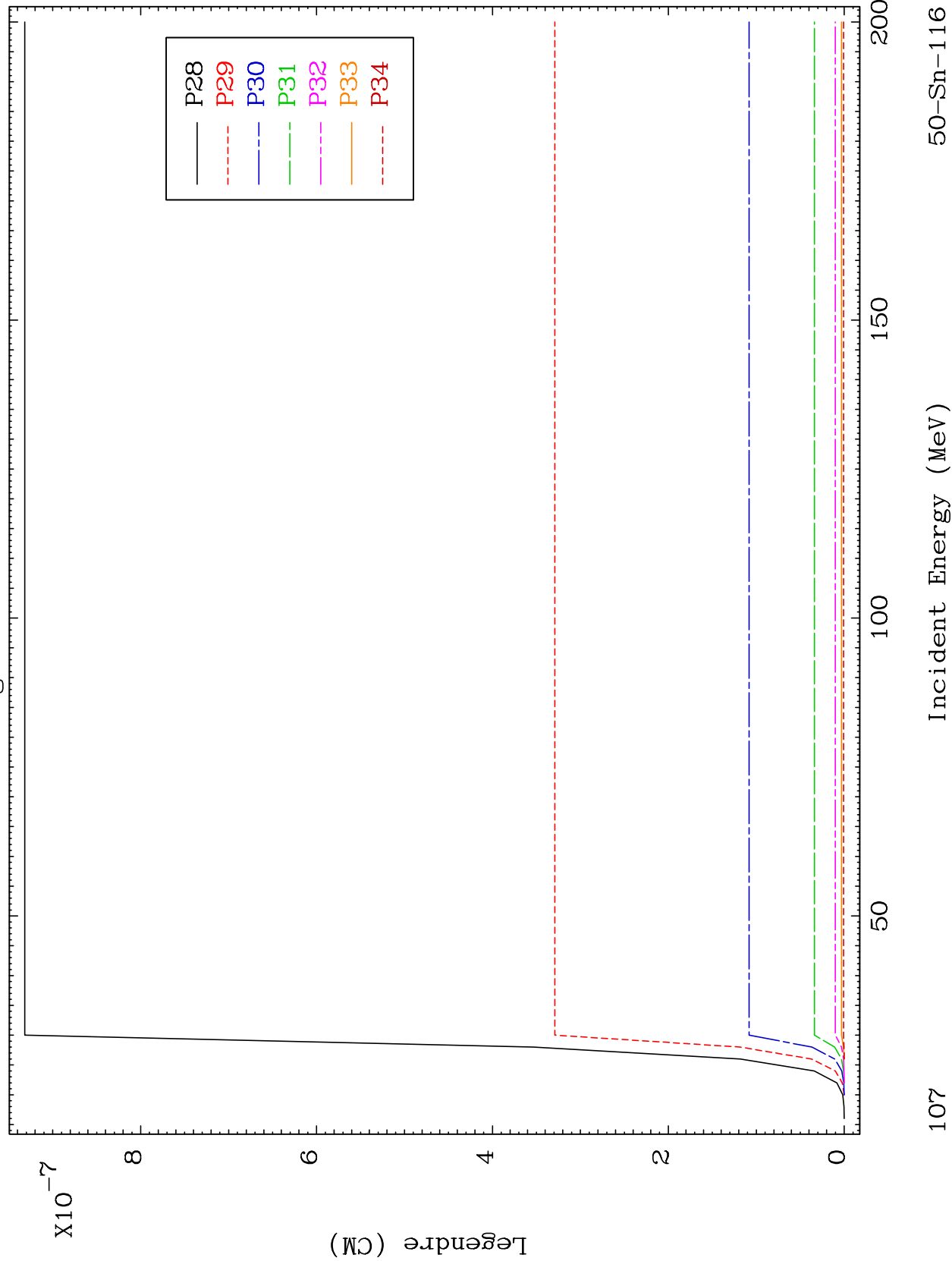
Incident Energy (MeV)

105

MAT 5037

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

50-Sn-116



107

Incident Energy (MeV)

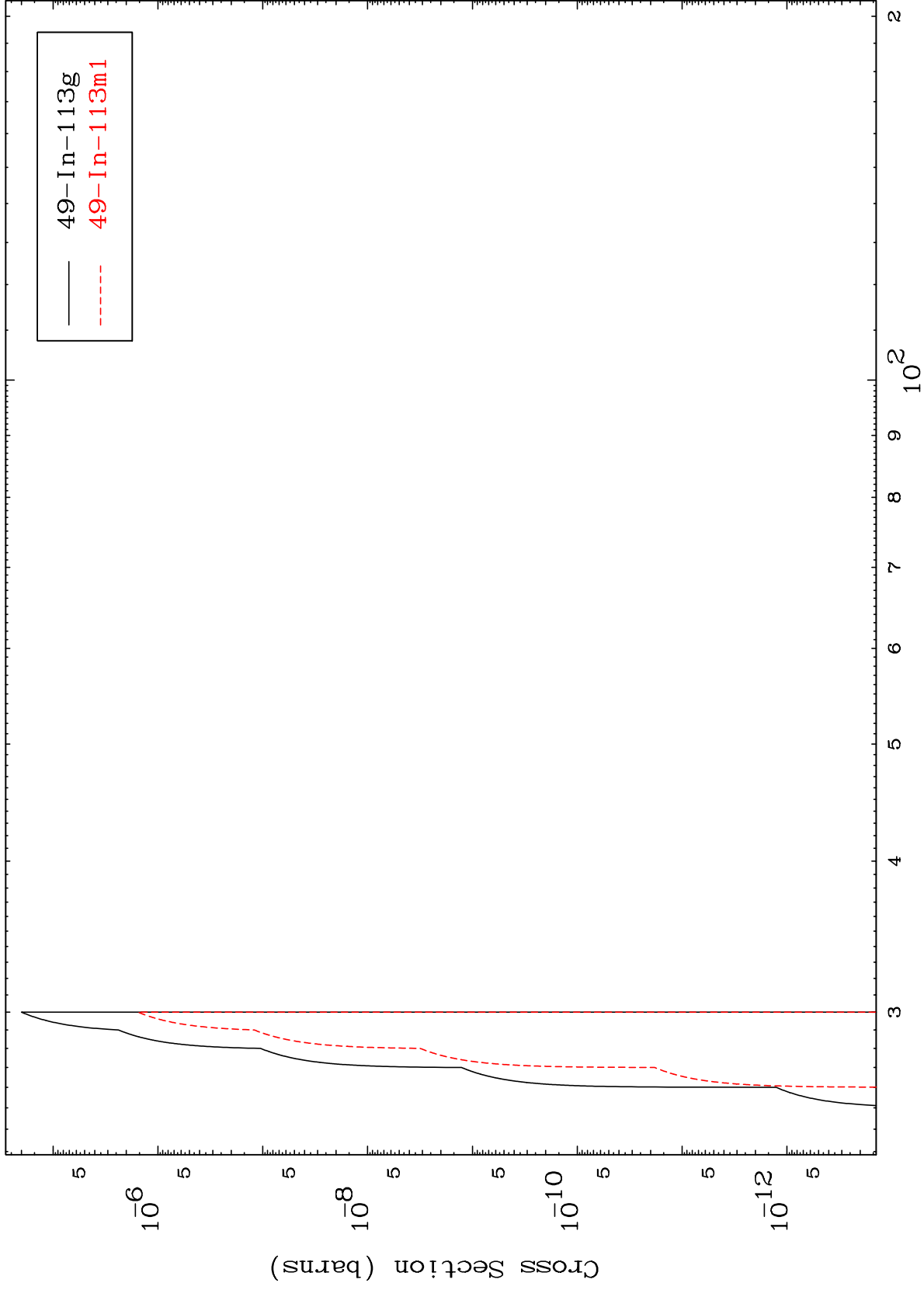
50-Sn-116

MAT 5037

(n,2n) d

50-Sn-116

Radionuclide Production Cross Section

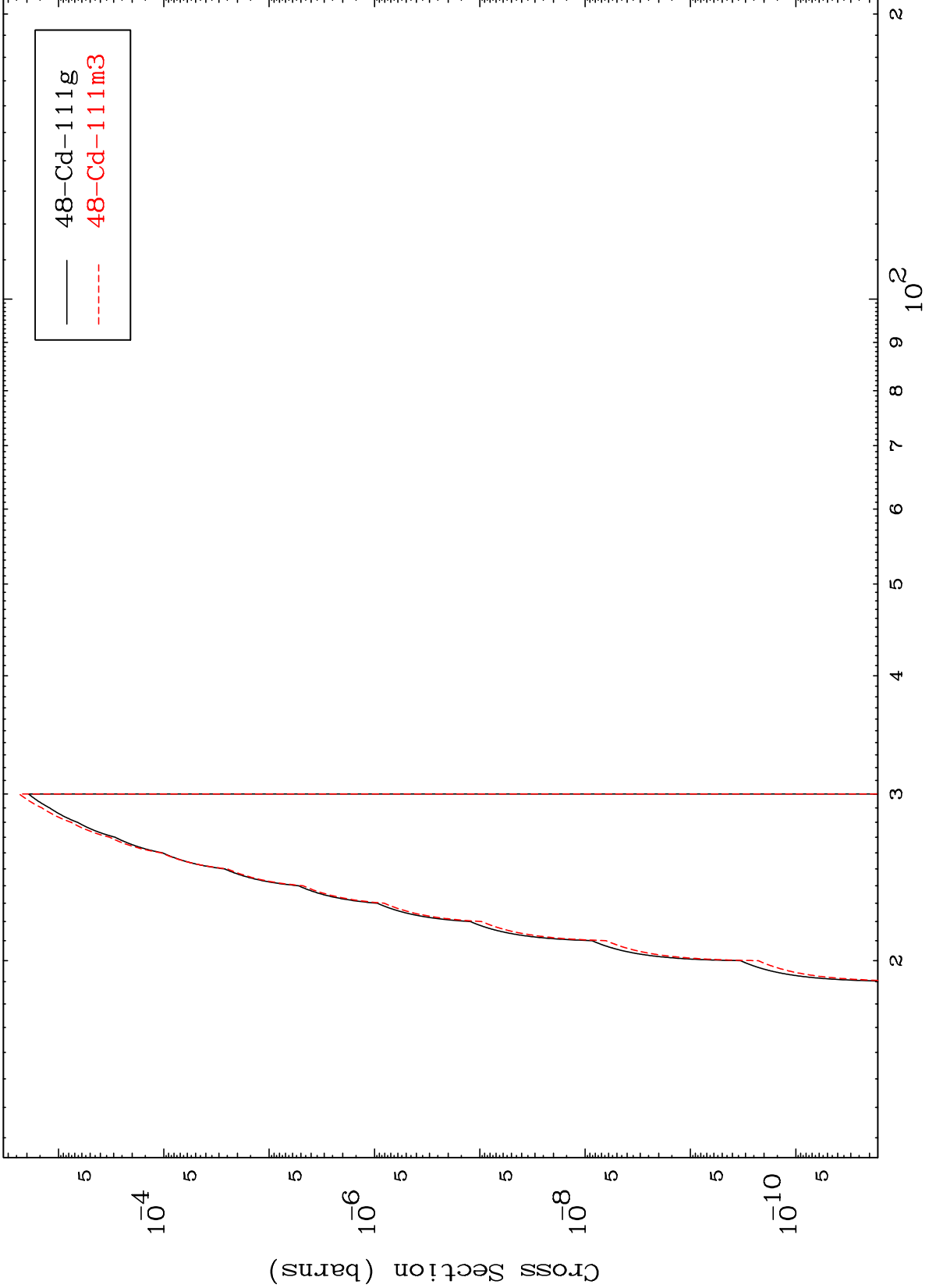


108

Incident Energy (MeV)

50-Sn-116

Radionuclide Production Cross Section

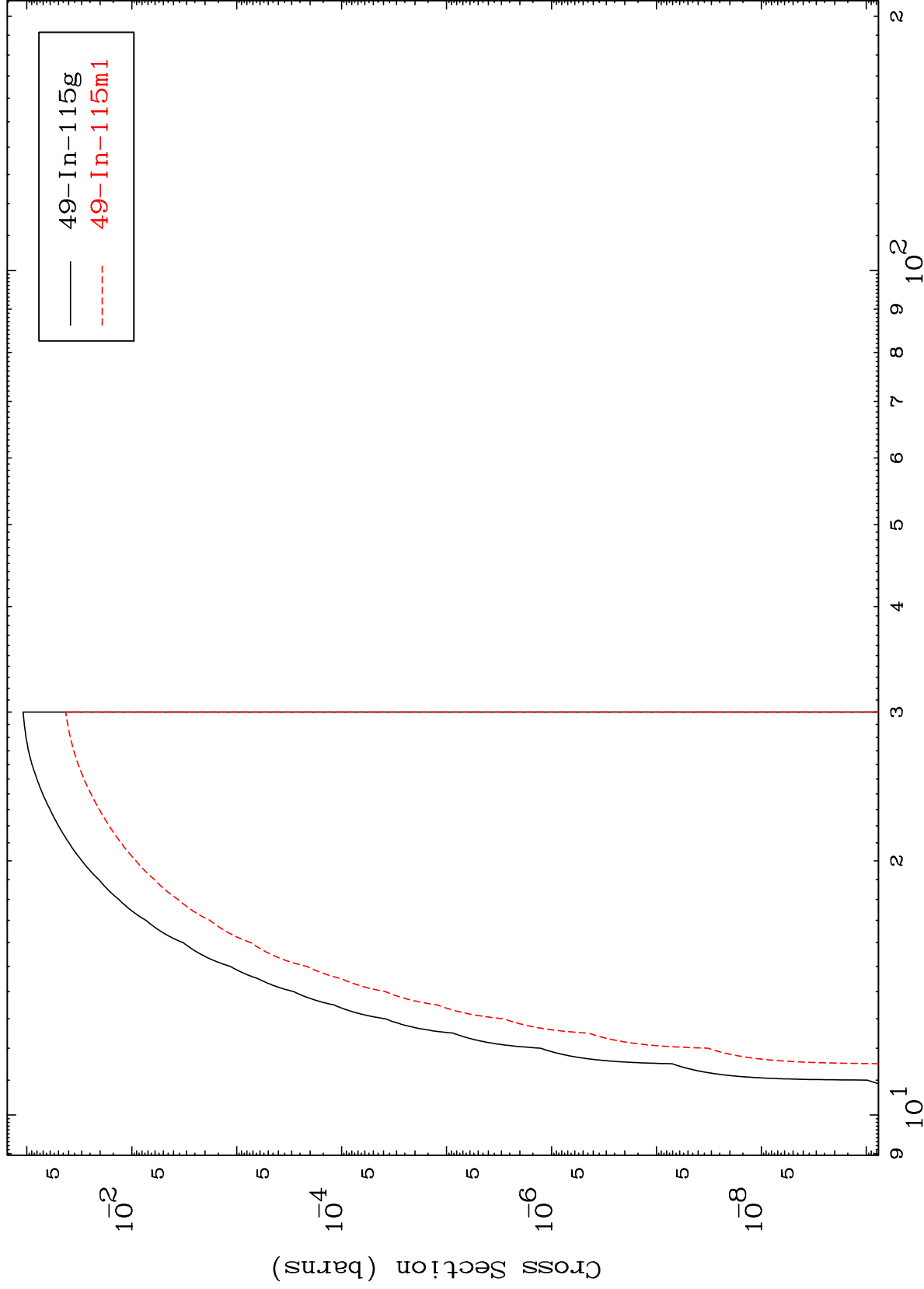


MAT 5037

(n,n') p

50-Sn-116

Radionuclide Production Cross Section



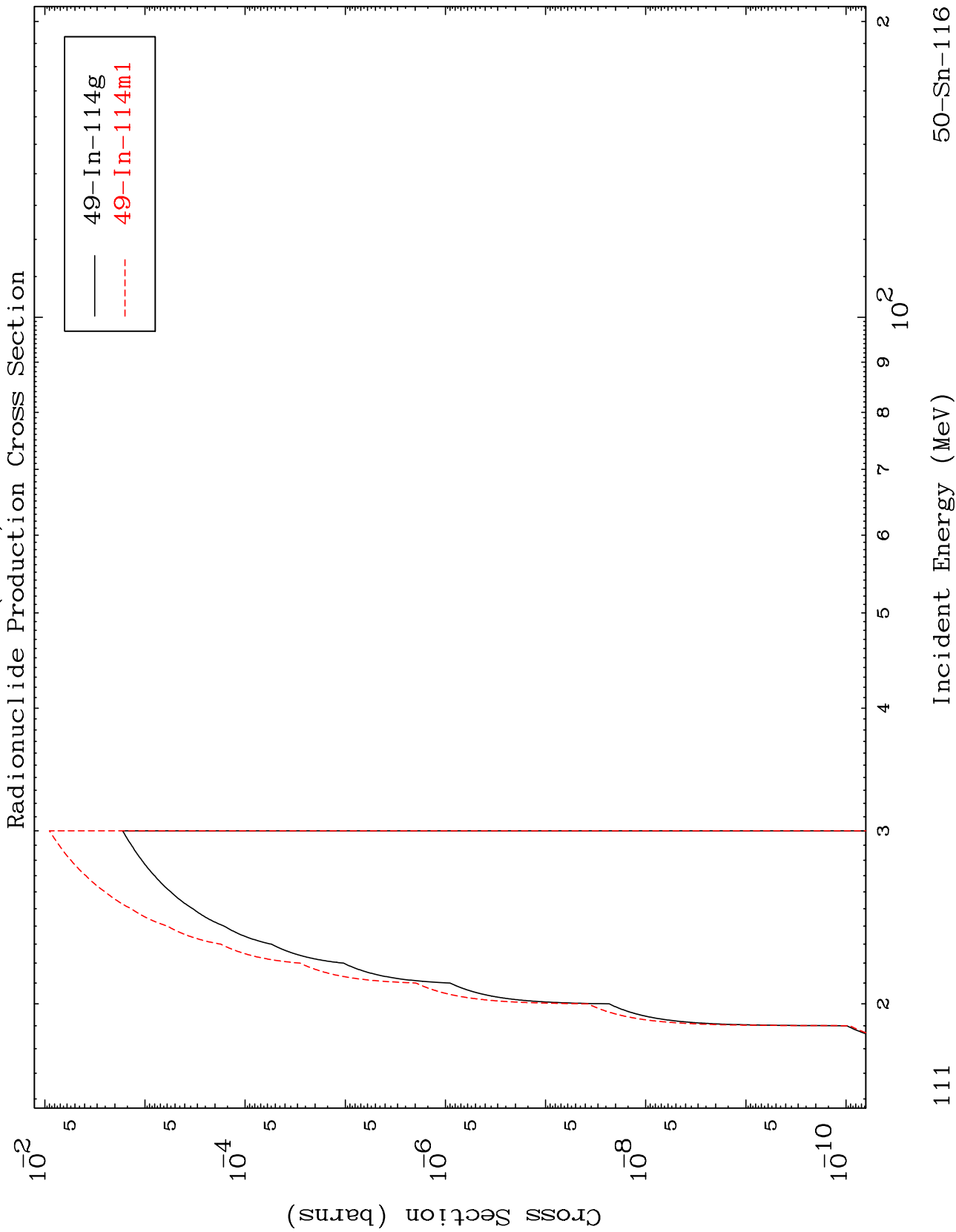
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,n') d

50-Sn-116



111

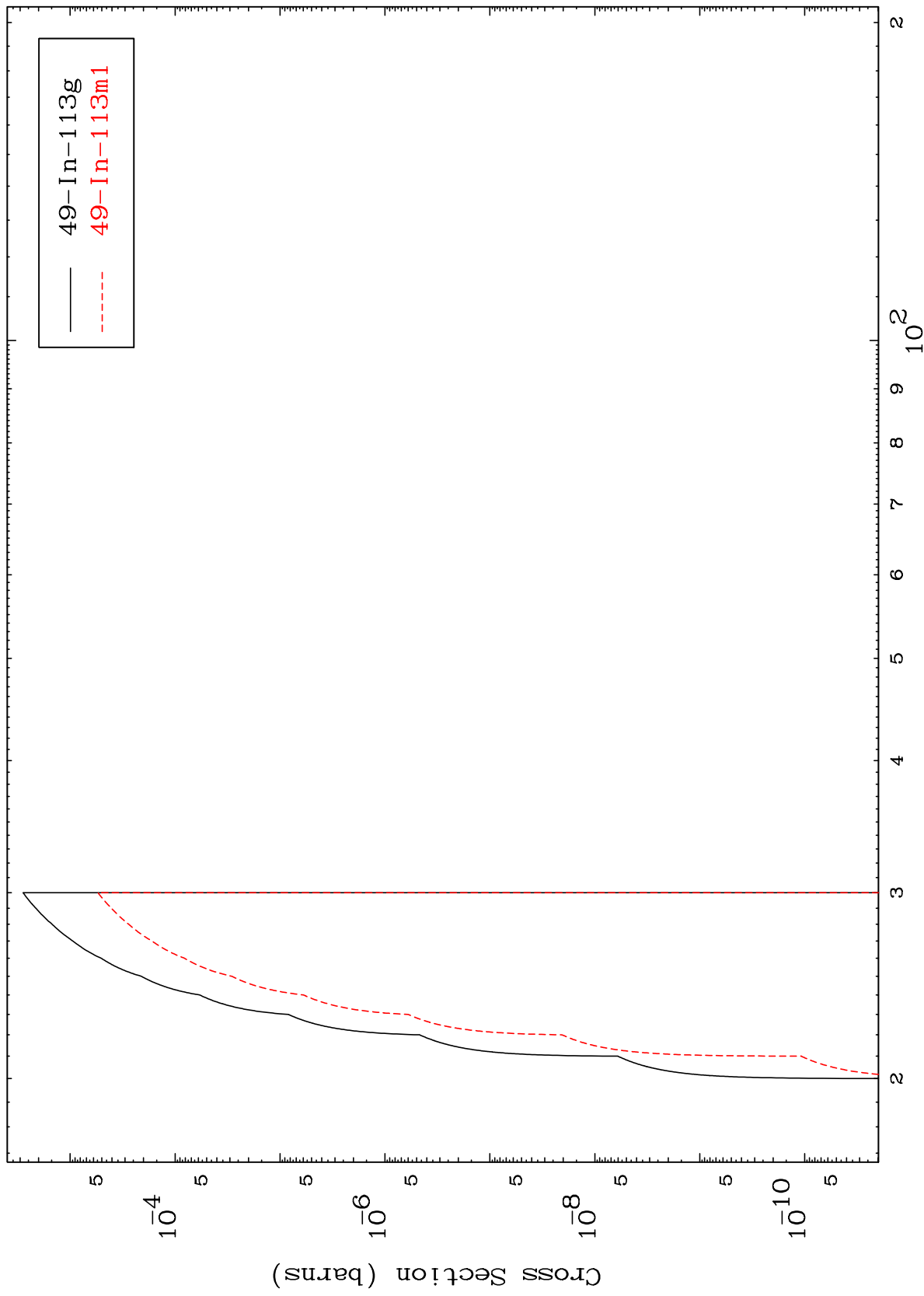
50-Sn-116

MAT 5037

(n,n') t

50-Sn-116

Radionuclide Production Cross Section

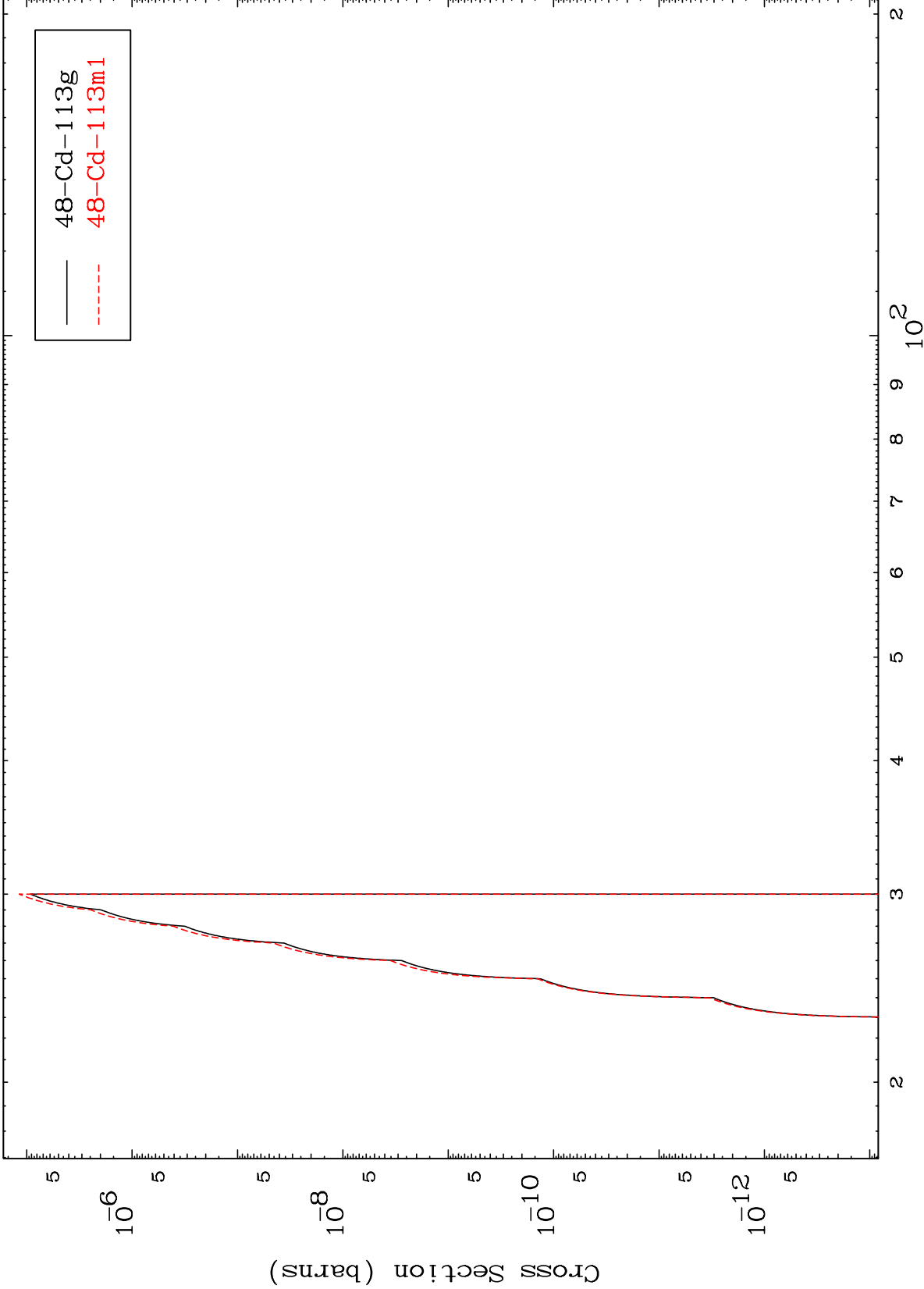


112

Incident Energy (MeV)

50-Sn-116

Radionuclide Production Cross Section

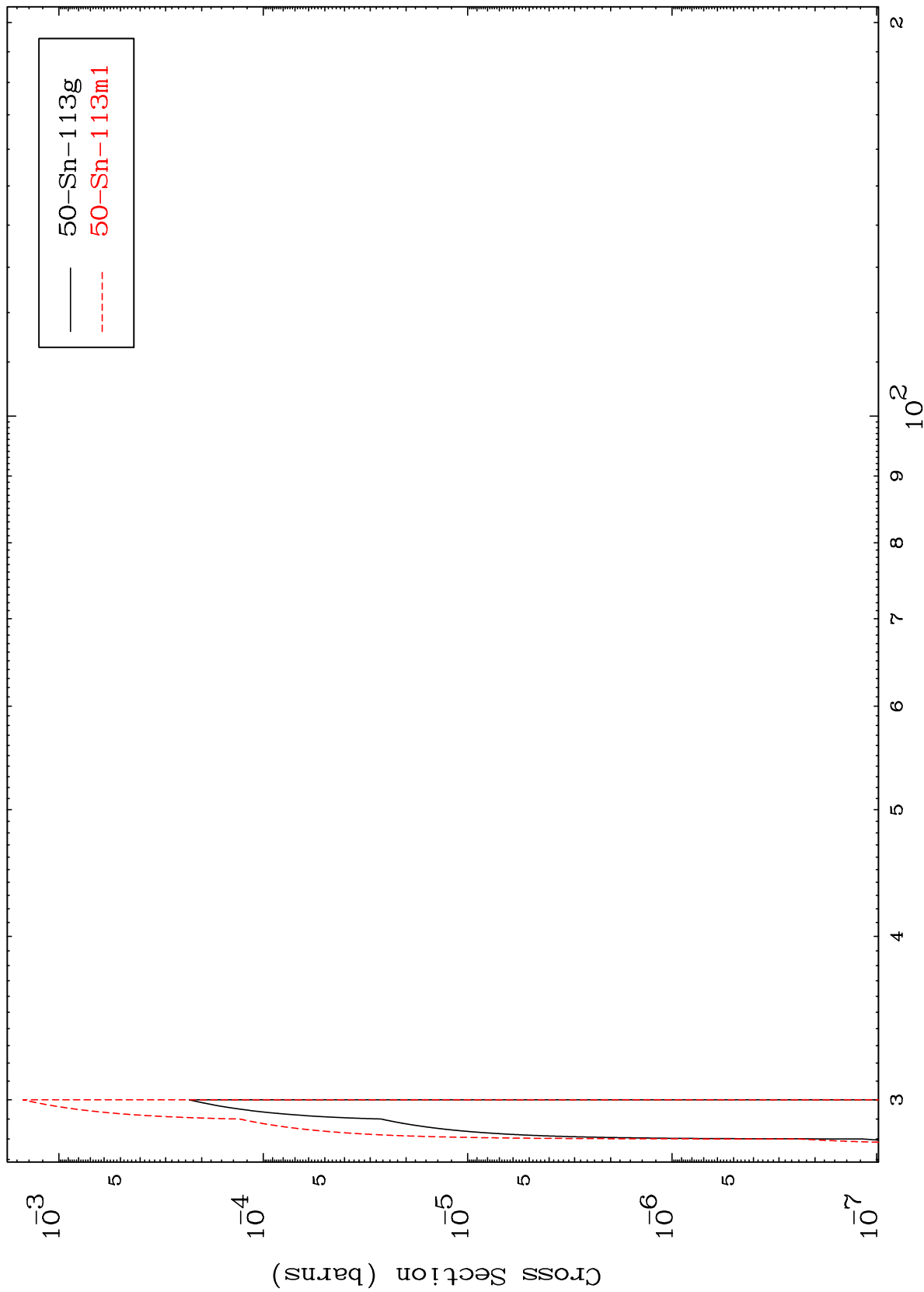


— 48-Cd-113g
- - - 48-Cd-113m1

MAT 5037

50-Sn-116

(n,4n)
Radionuclide Production Cross Section



50-Sn-116

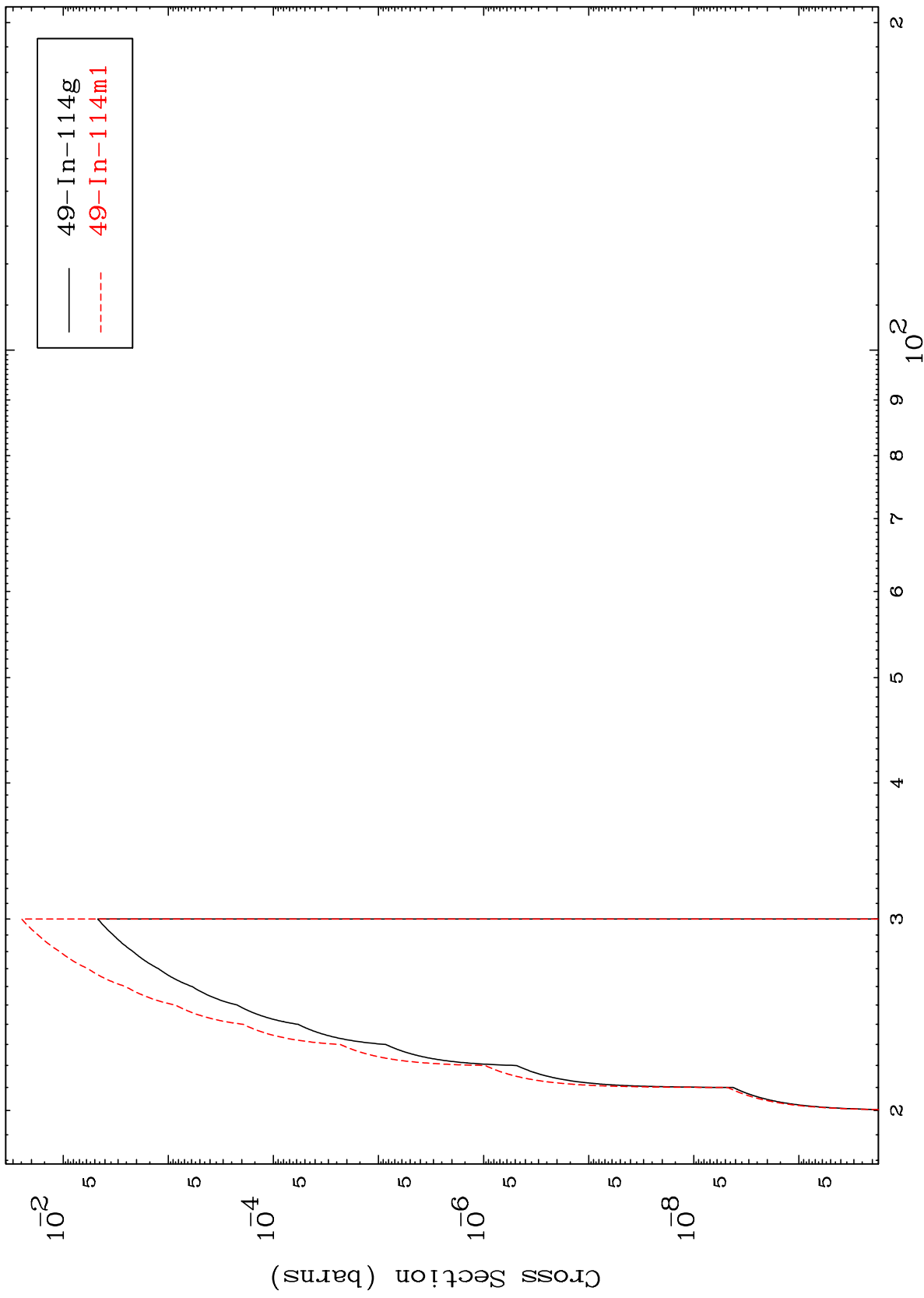
Incident Energy (MeV)

114

MAT 5037

50-Sn-116

(n,2n) p
Radionuclide Production Cross Section



50-Sn-116

Incident Energy (MeV)

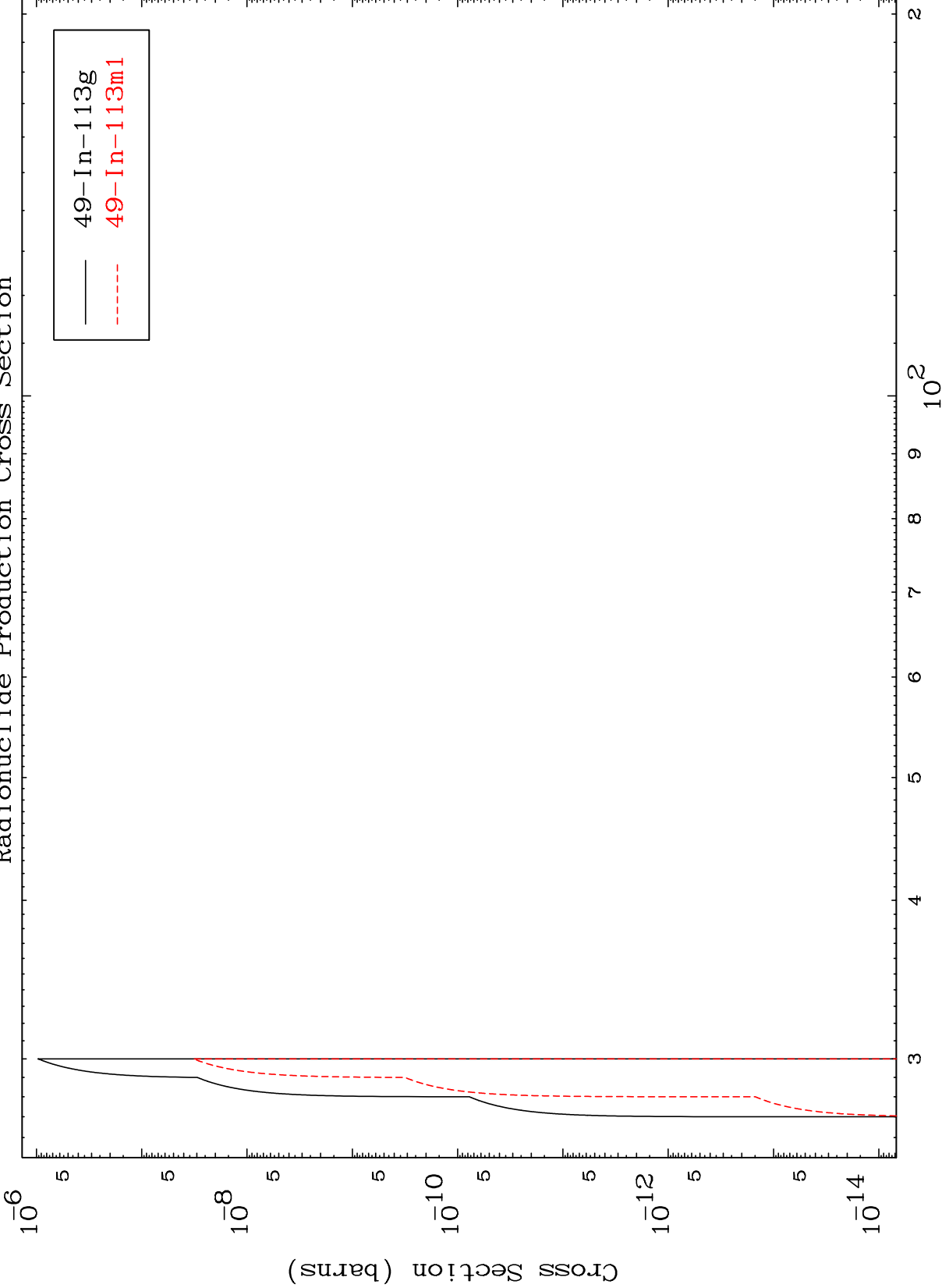
115

MAT 5037

(n,3n) p

50-Sn-116

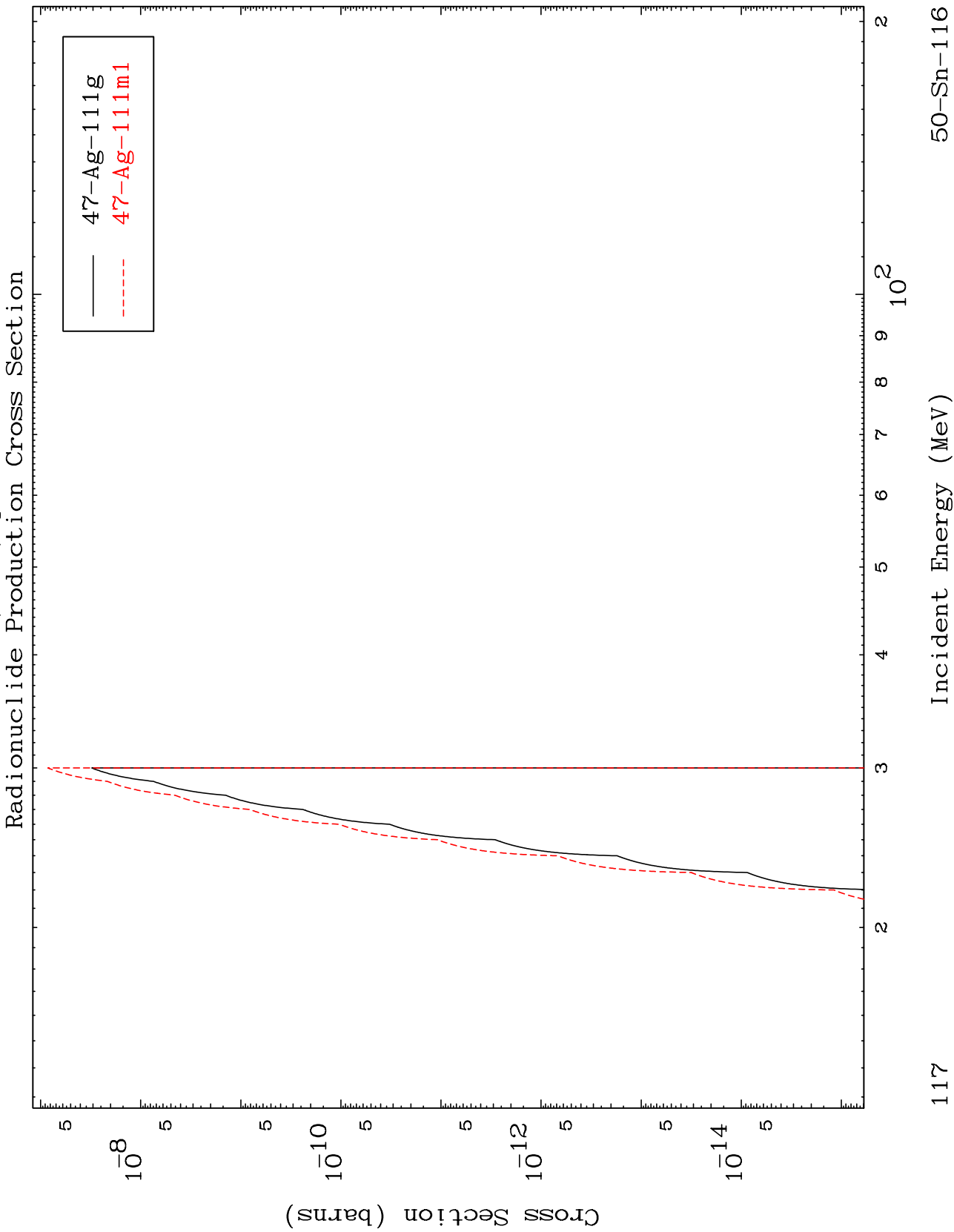
Radionuclide Production Cross Section



116

Incident Energy (MeV)

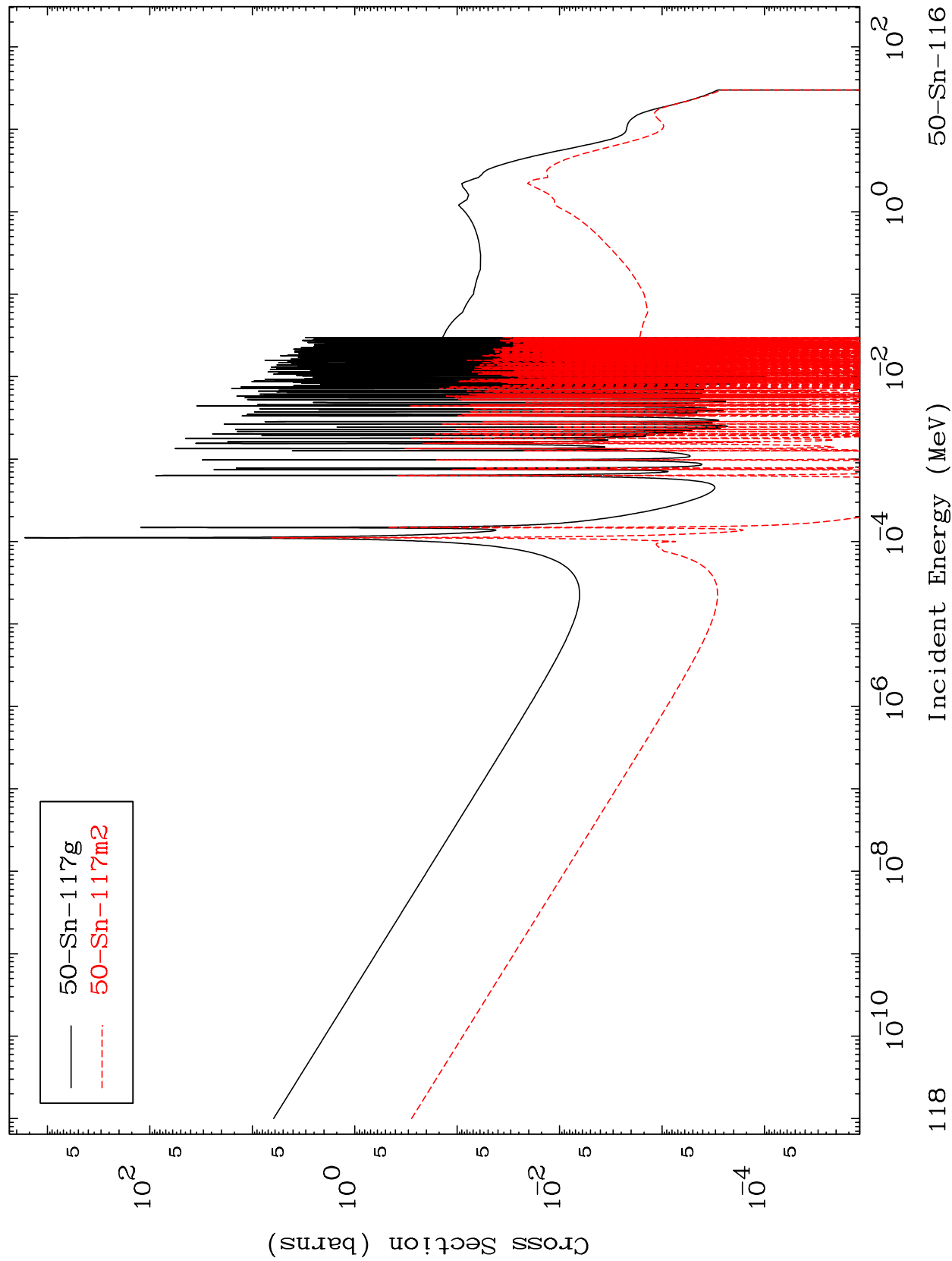
50-Sn-116



MAT 5037

50-Sn-116

(n, γ)
Radionuclide Production Cross Section



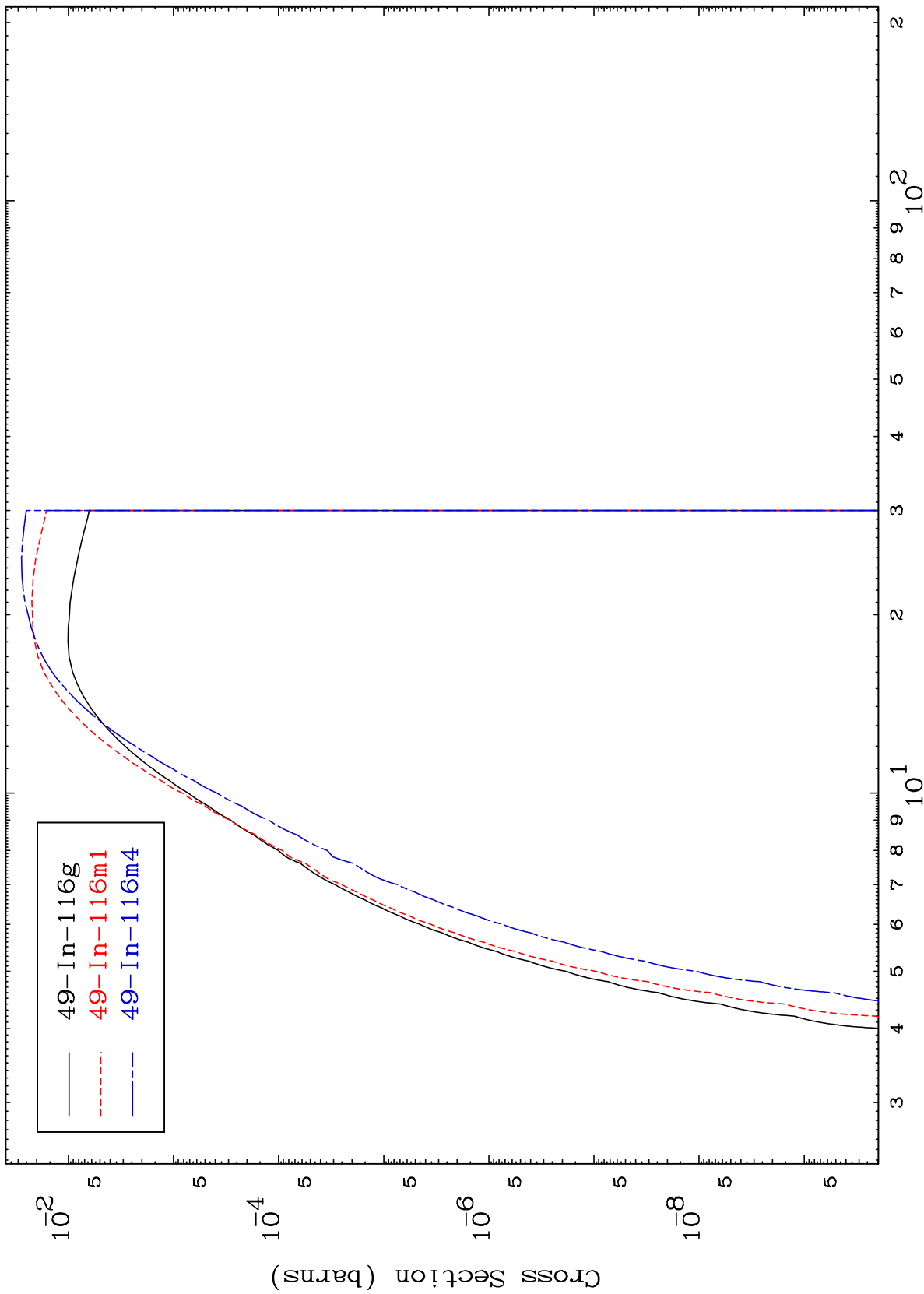
118

50-Sn-116

MAT 5037

50-Sn-116

(n,p)
Radionuclide Production Cross Section



119

Incident Energy (MeV)

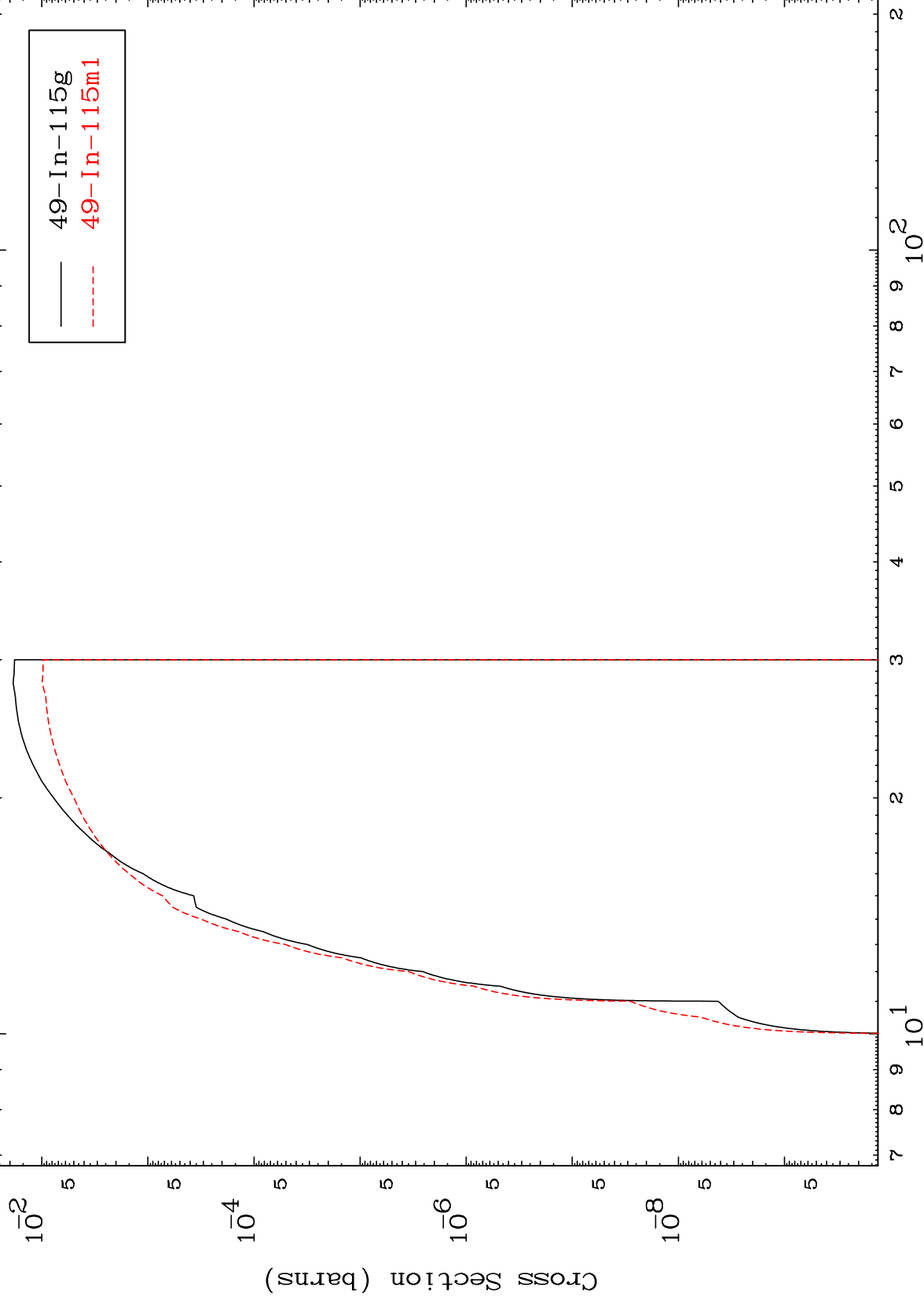
50-Sn-116

MAT 5037

(n,d)

50-Sn-116

Radionuclide Production Cross Section



120

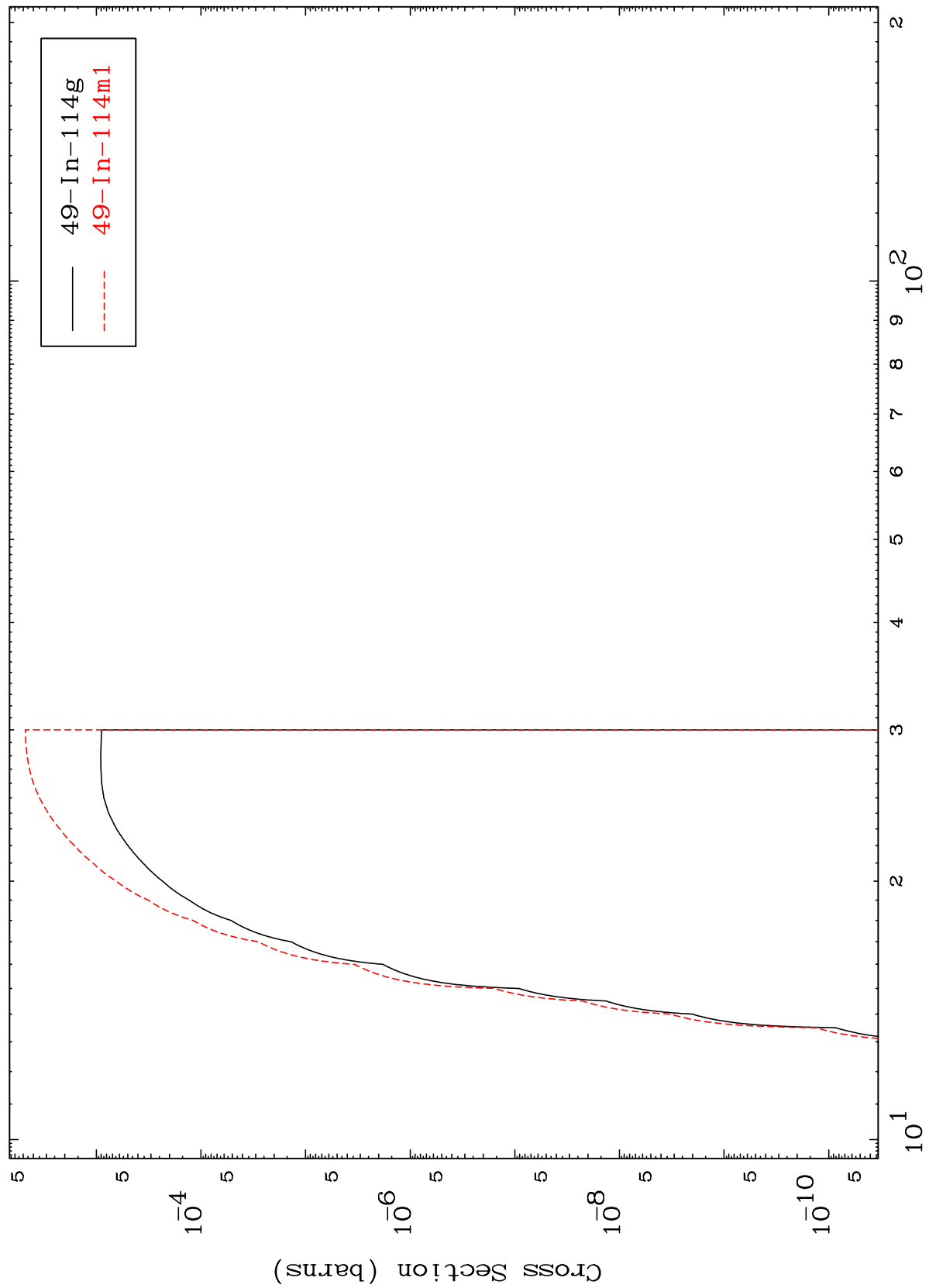
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(n,t)
Radionuclide Production Cross Section



50-Sn-116

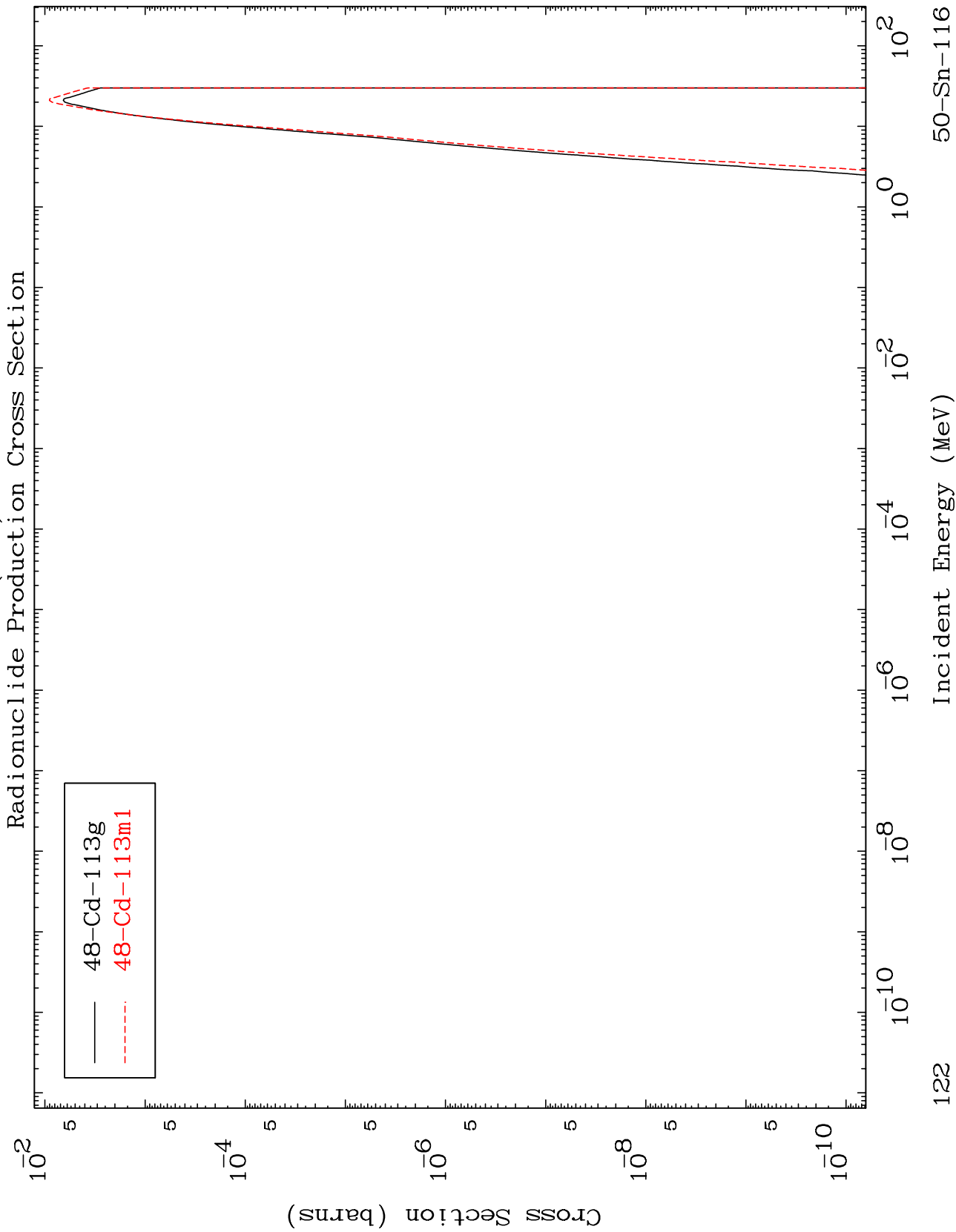
Incident Energy (MeV)

121

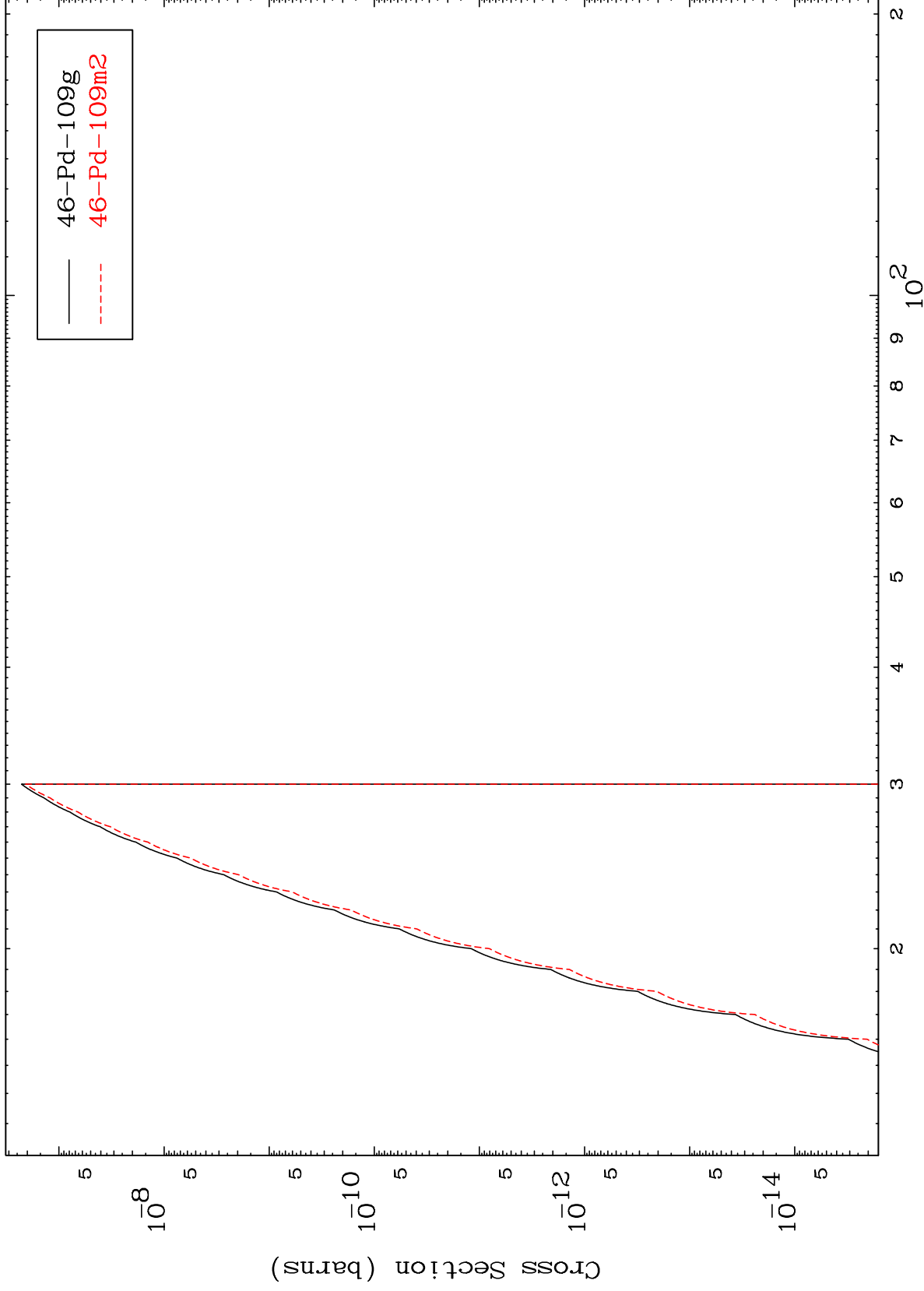
MAT 5037

50-Sn-116

Radionuclide Production Cross Section



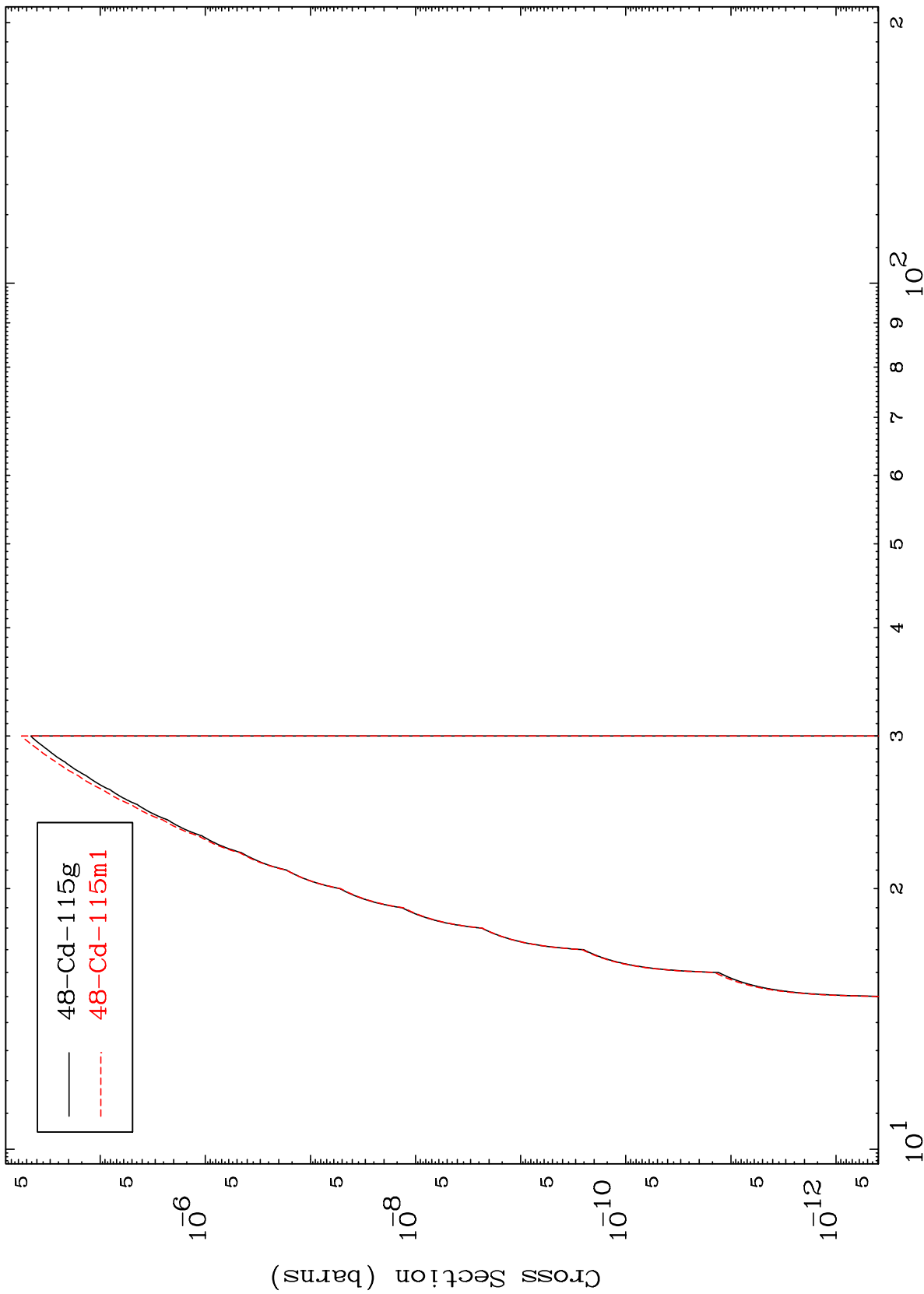
Radionuclide Production Cross Section



MAT 5037

50-Sn-116

(n,2p)
Radionuclide Production Cross Section

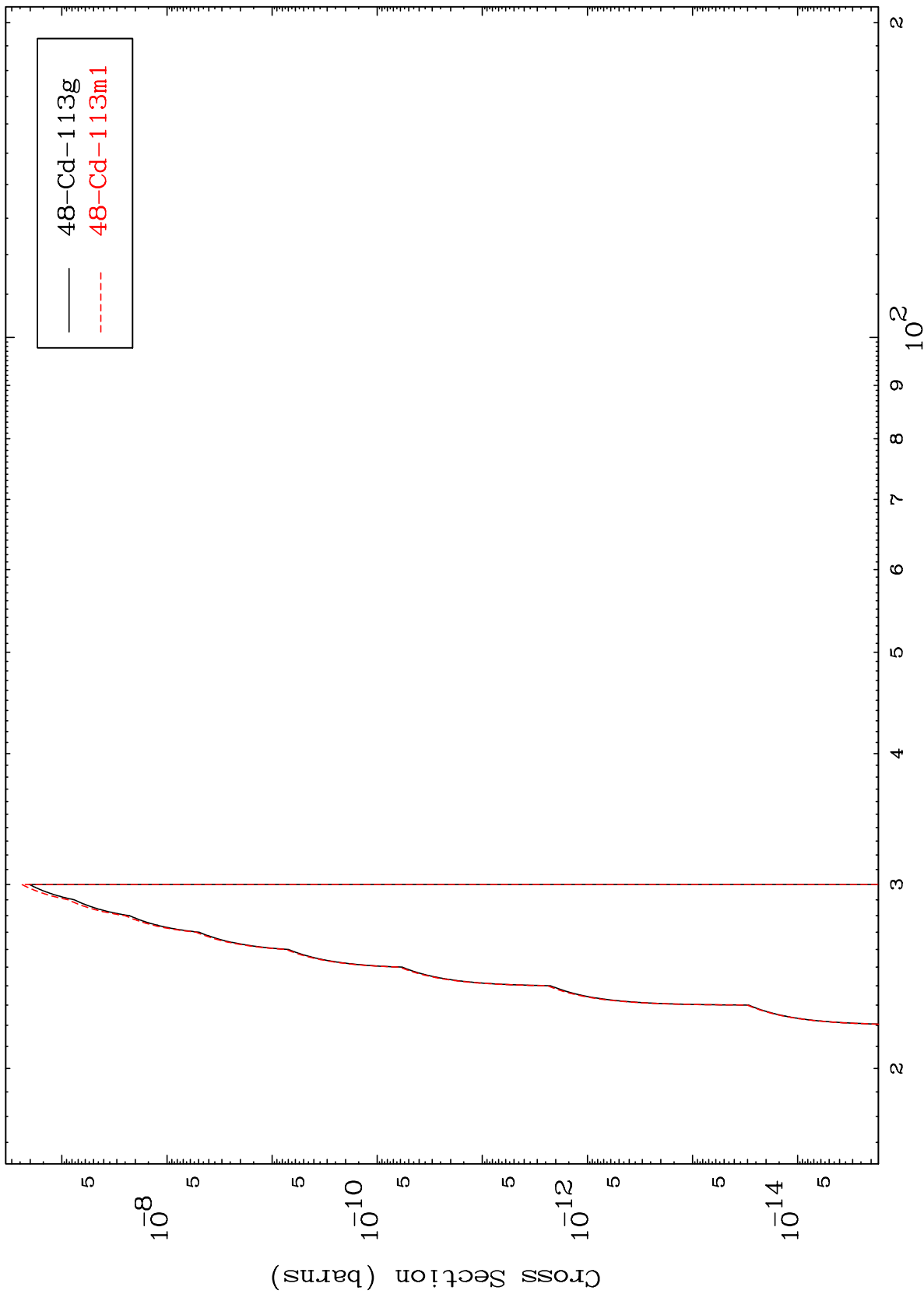


50-Sn-116

Incident Energy (MeV)

124

Radionuclide Production Cross Section



48-Cd-113g
48-Cd-113m1

Radionuclide Production Cross Section

