

Program EVALPLOT
(Version 2021-1)

by

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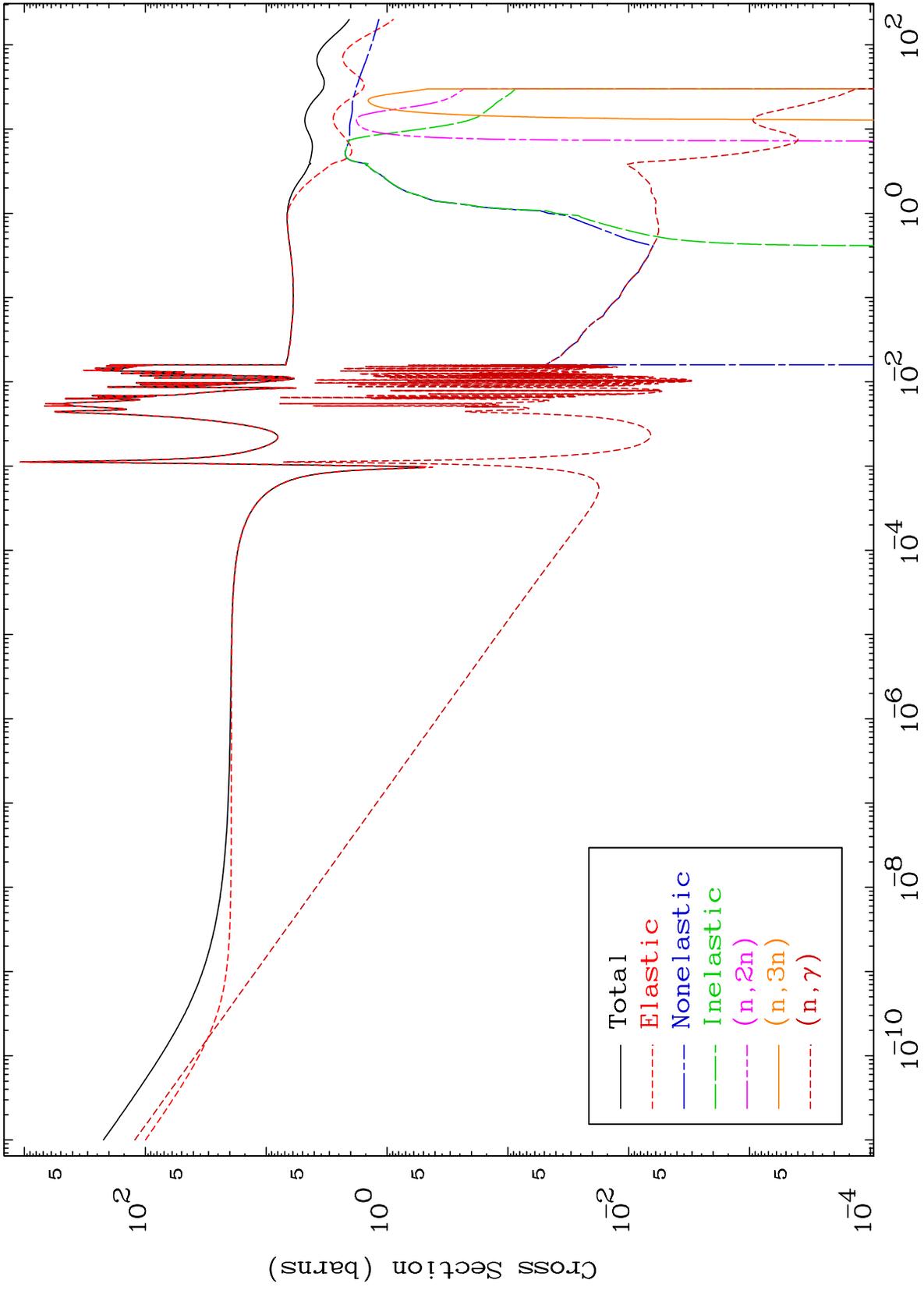
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4967

Neutron Major
293 Kelvin Cross Sections

49-In-127

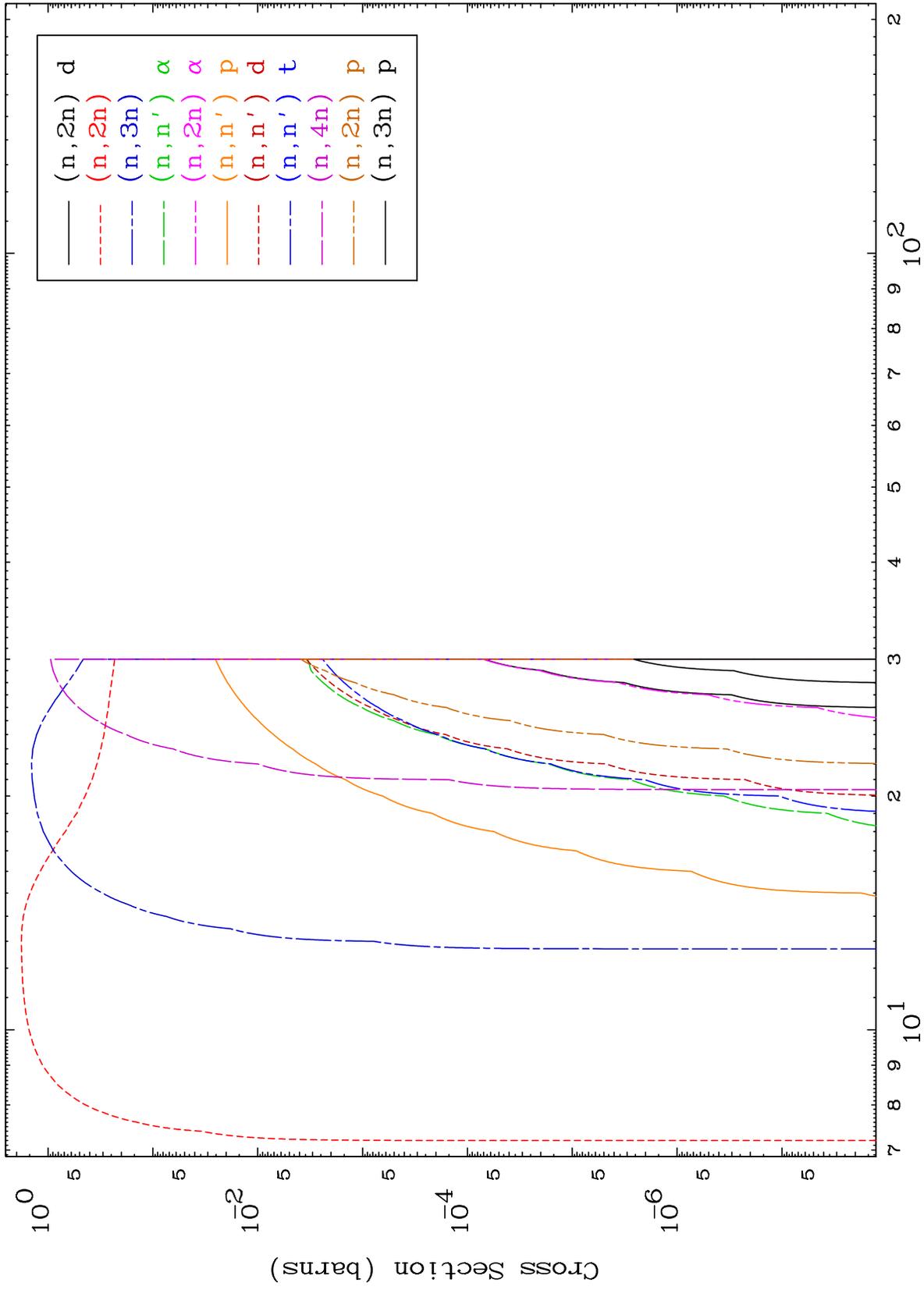


49-In-127

MAT 4967

Neutron Absorption
293 Kelvin Cross Sections

49-In-127



2

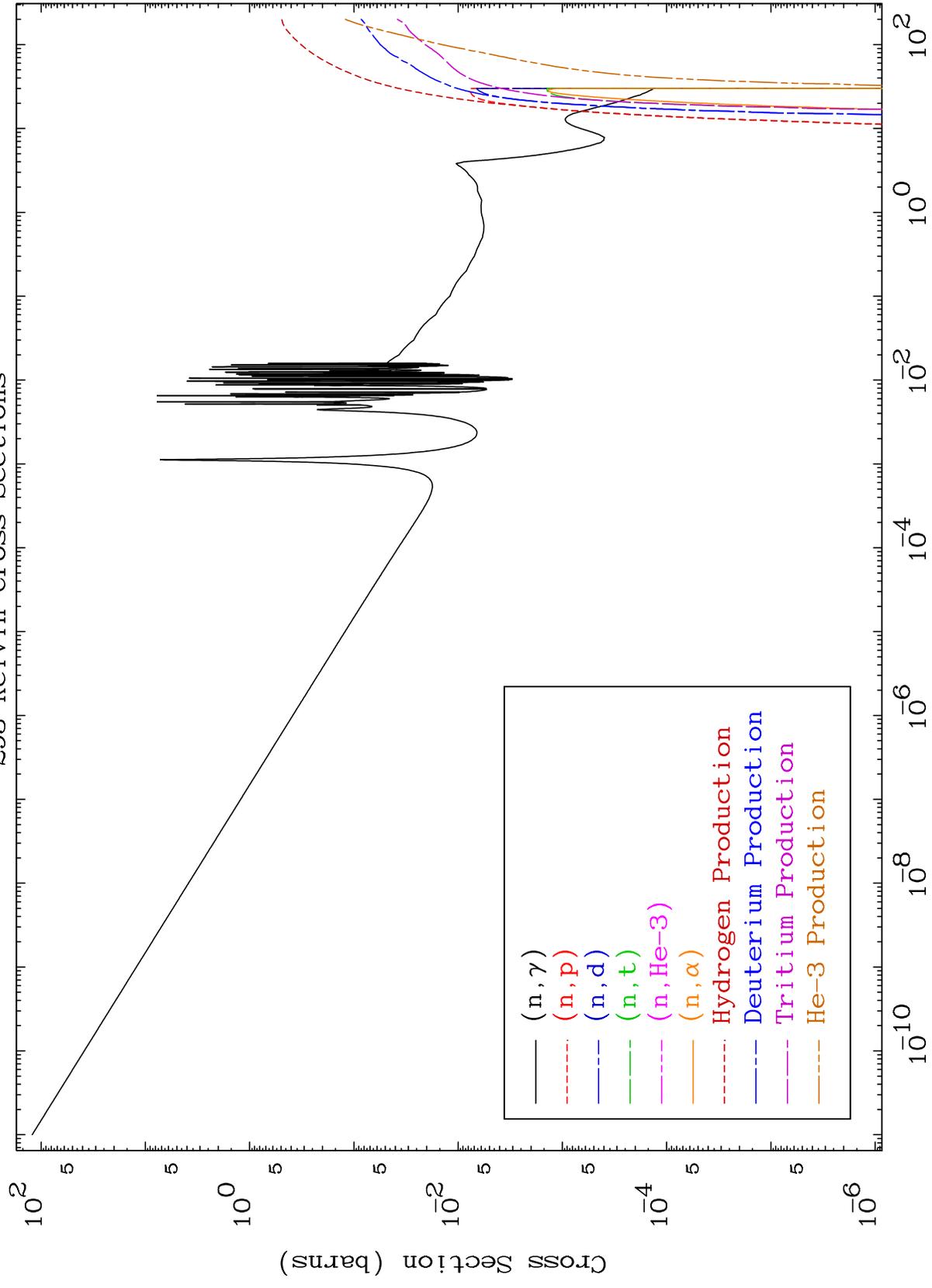
Incident Energy (MeV)

49-In-127

MAT 4967

Neutron Absorption
293 Kelvin Cross Sections

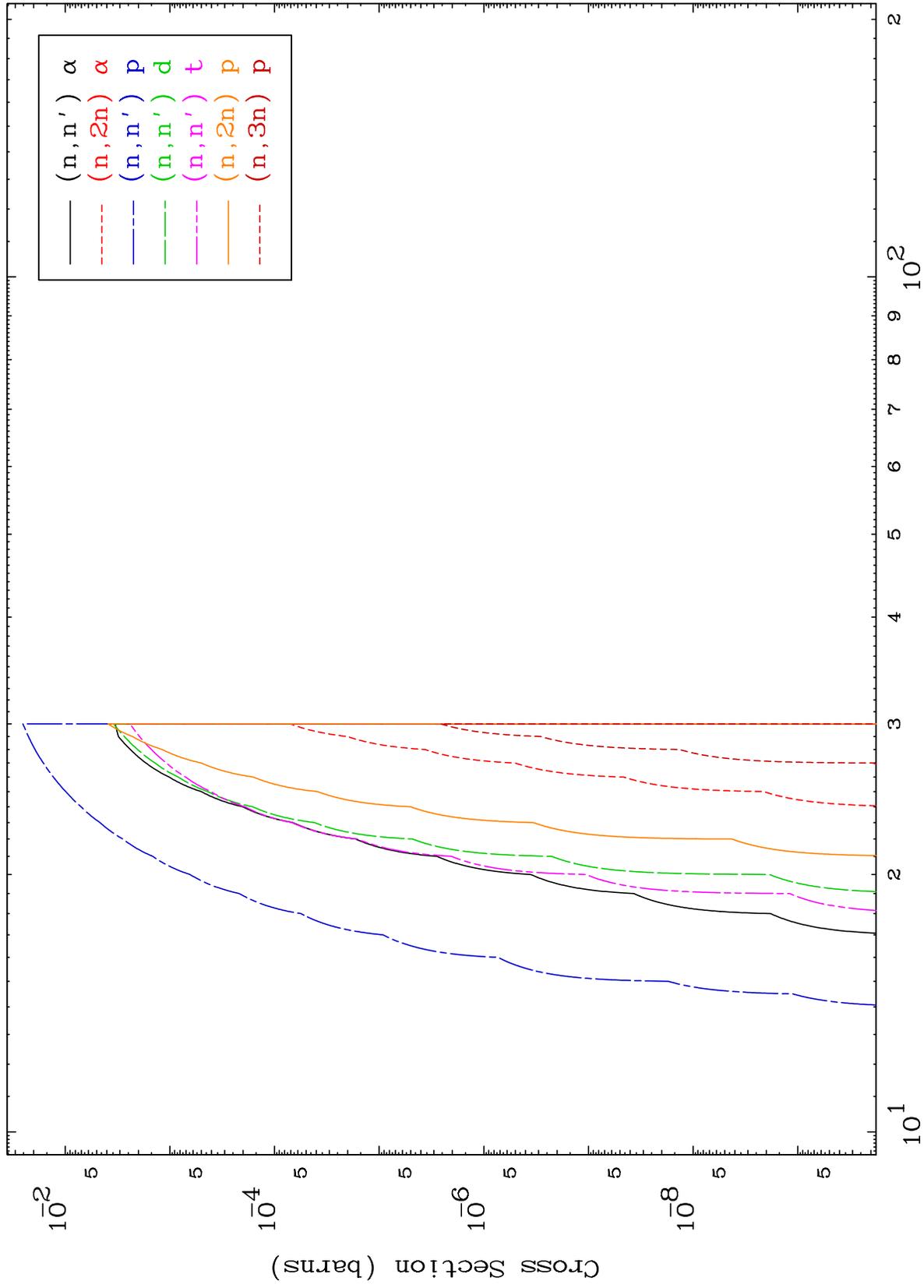
49-In-127



MAT 4967

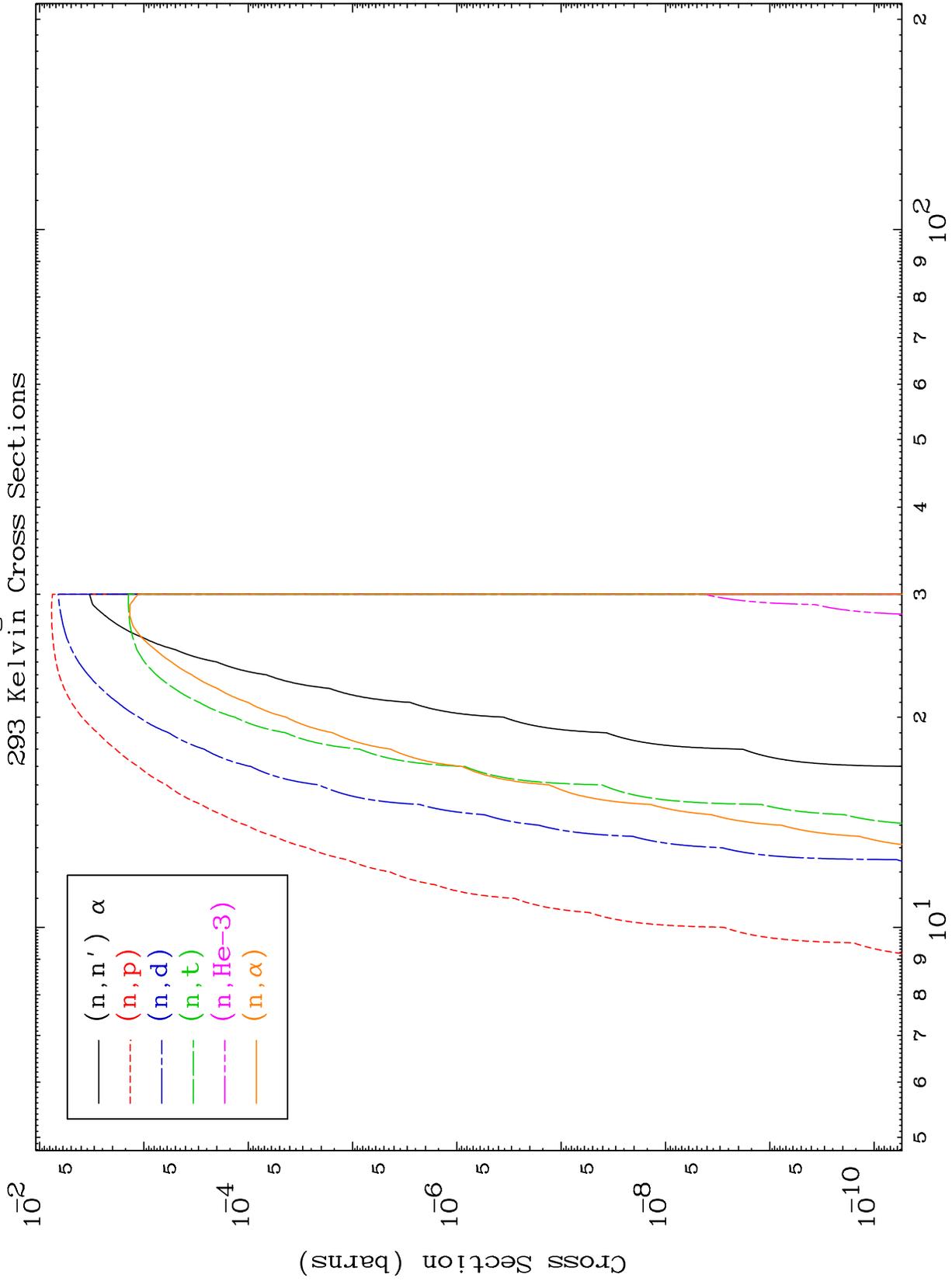
Charged Particle
293 Kelvin Cross Sections

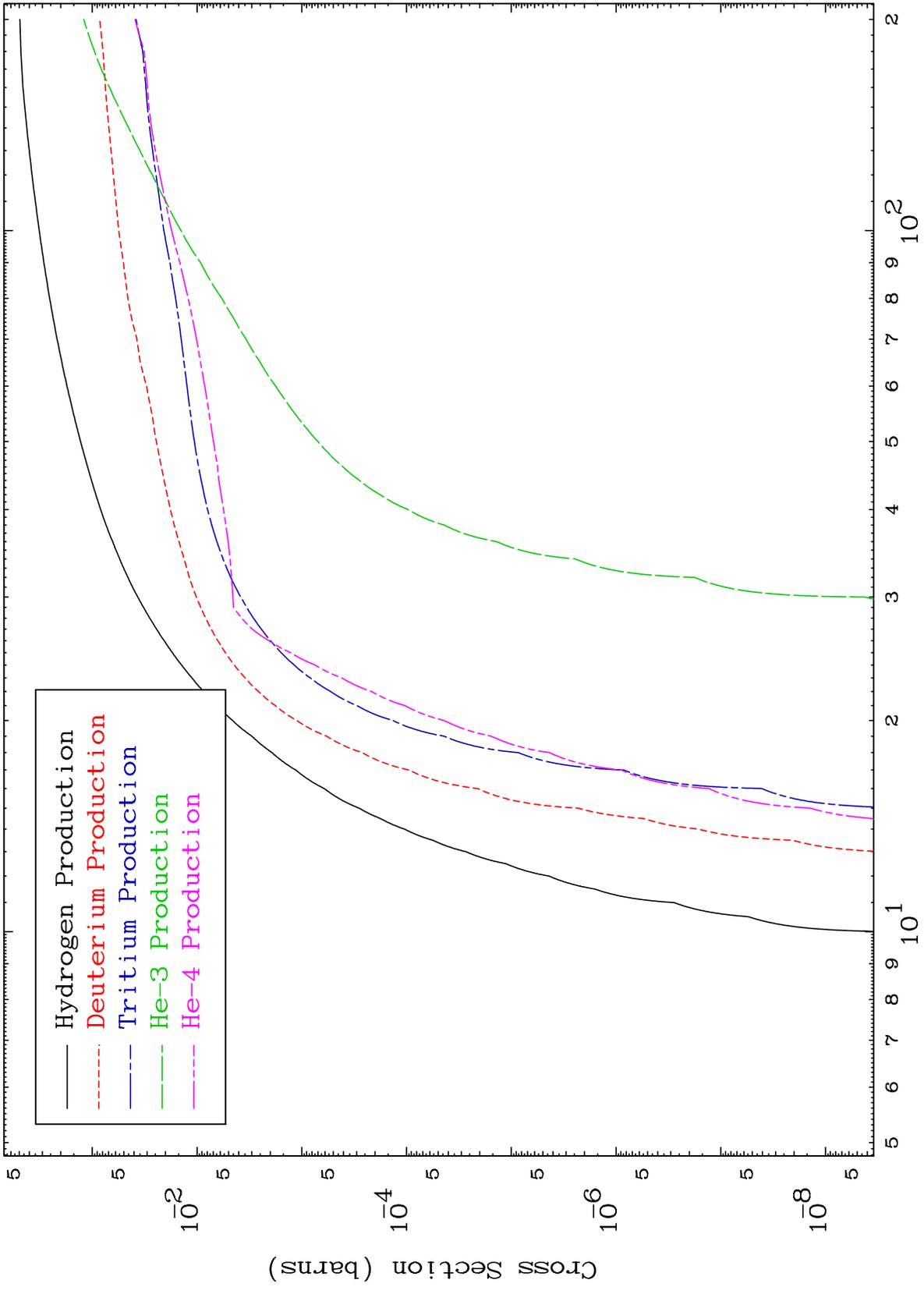
49-In-127



Incident Energy (MeV)

49-In-127

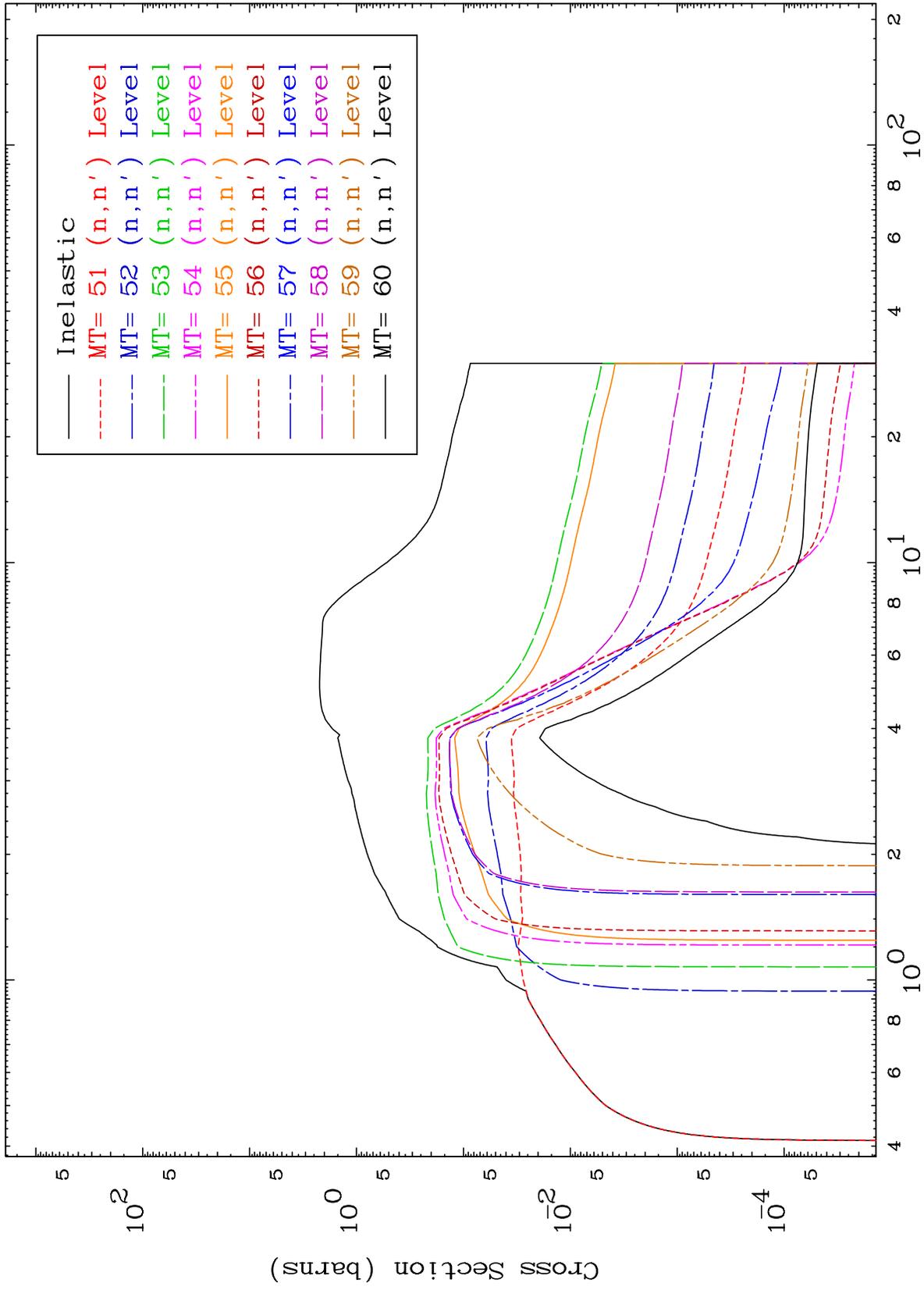




MAT 4967

(n,n') Levels
293 Kelvin Cross Sections

49-In-127



7

Incident Energy (MeV)

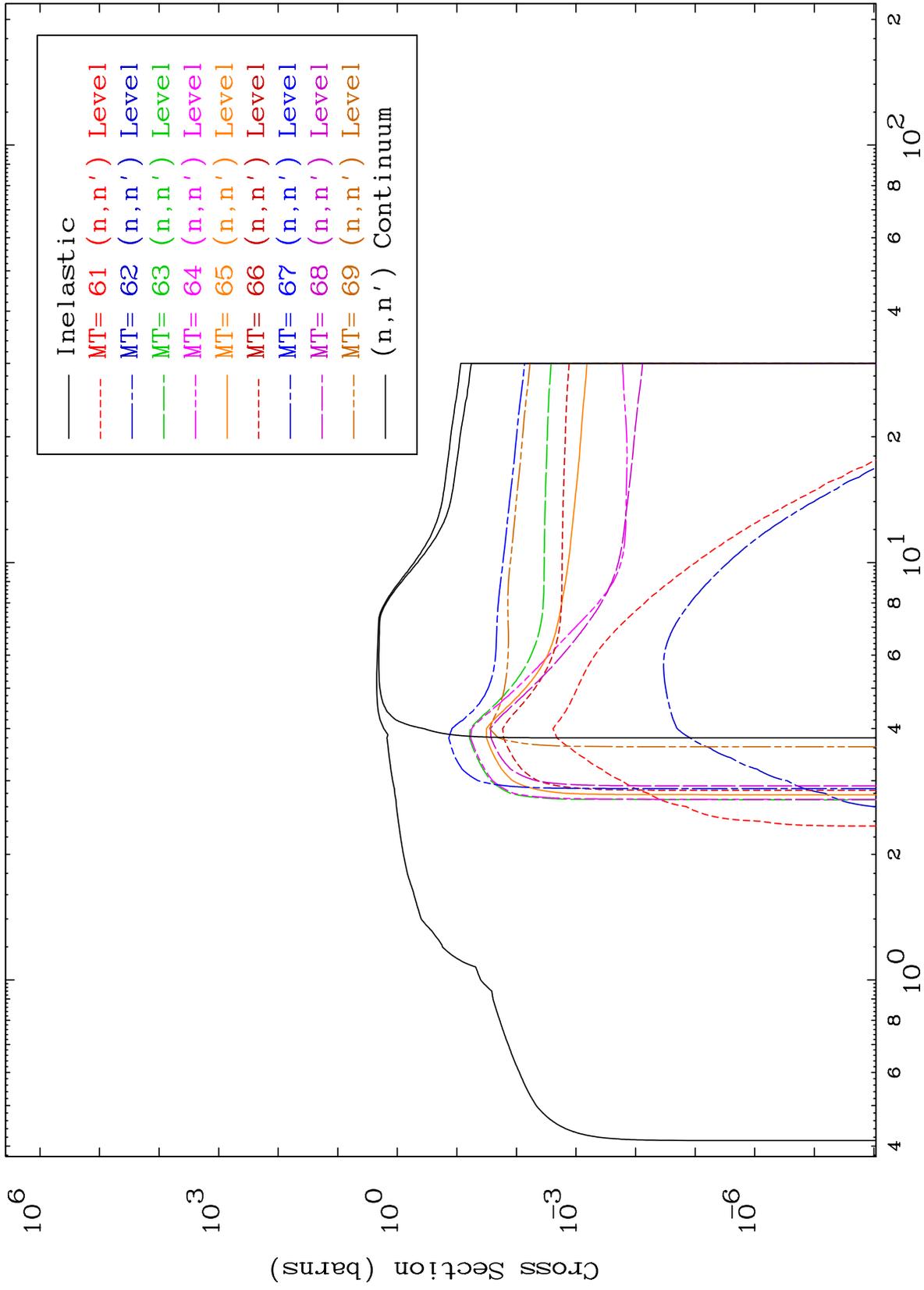
49-In-127

MAT 4967

(n,n') Levels

293 Kelvin Cross Sections

49-In-127



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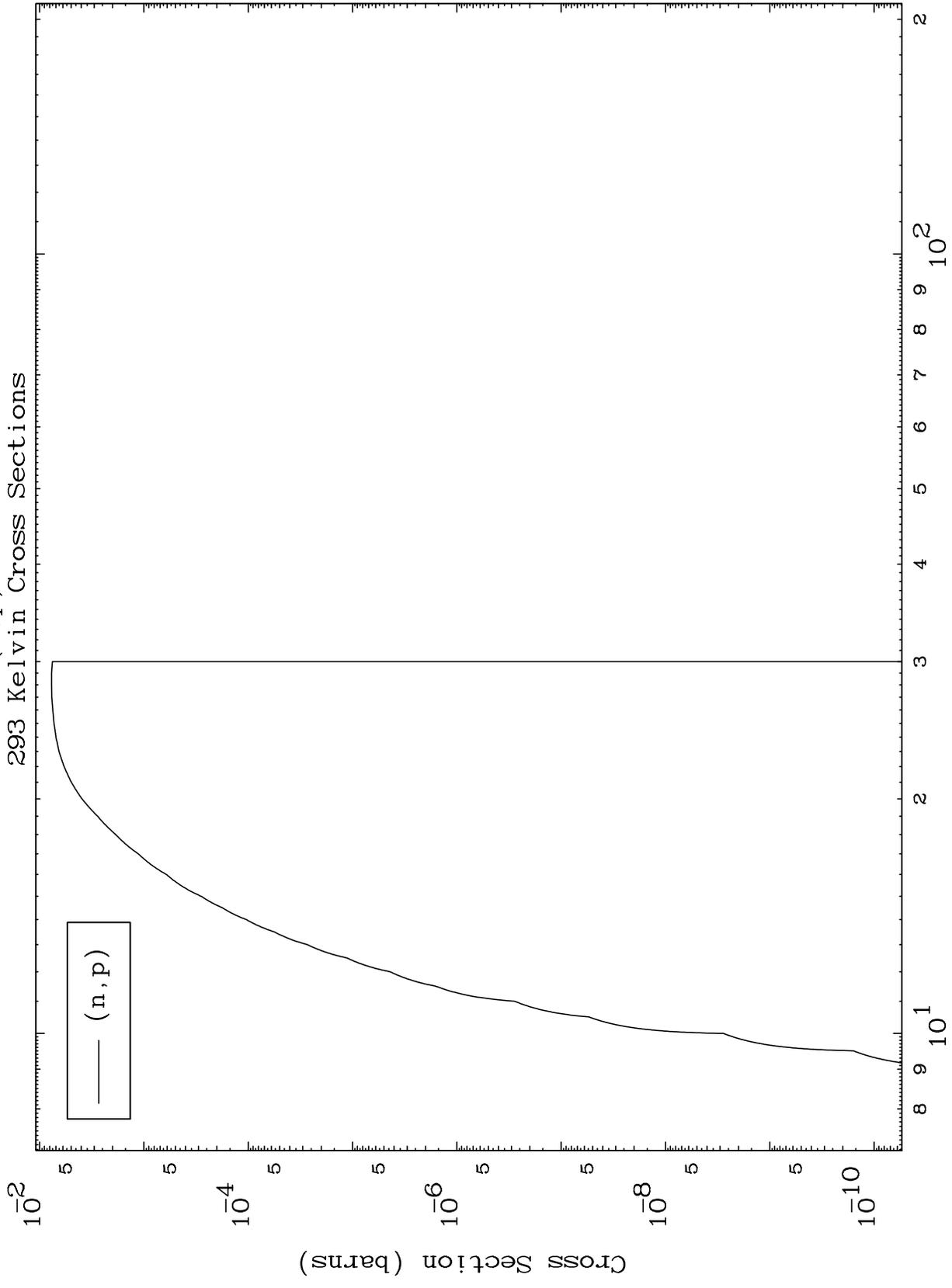
Incident Energy (MeV)

49-In-127

MAT 4967

(n,p) Levels
293 Kelvin Cross Sections

49-In-127



9

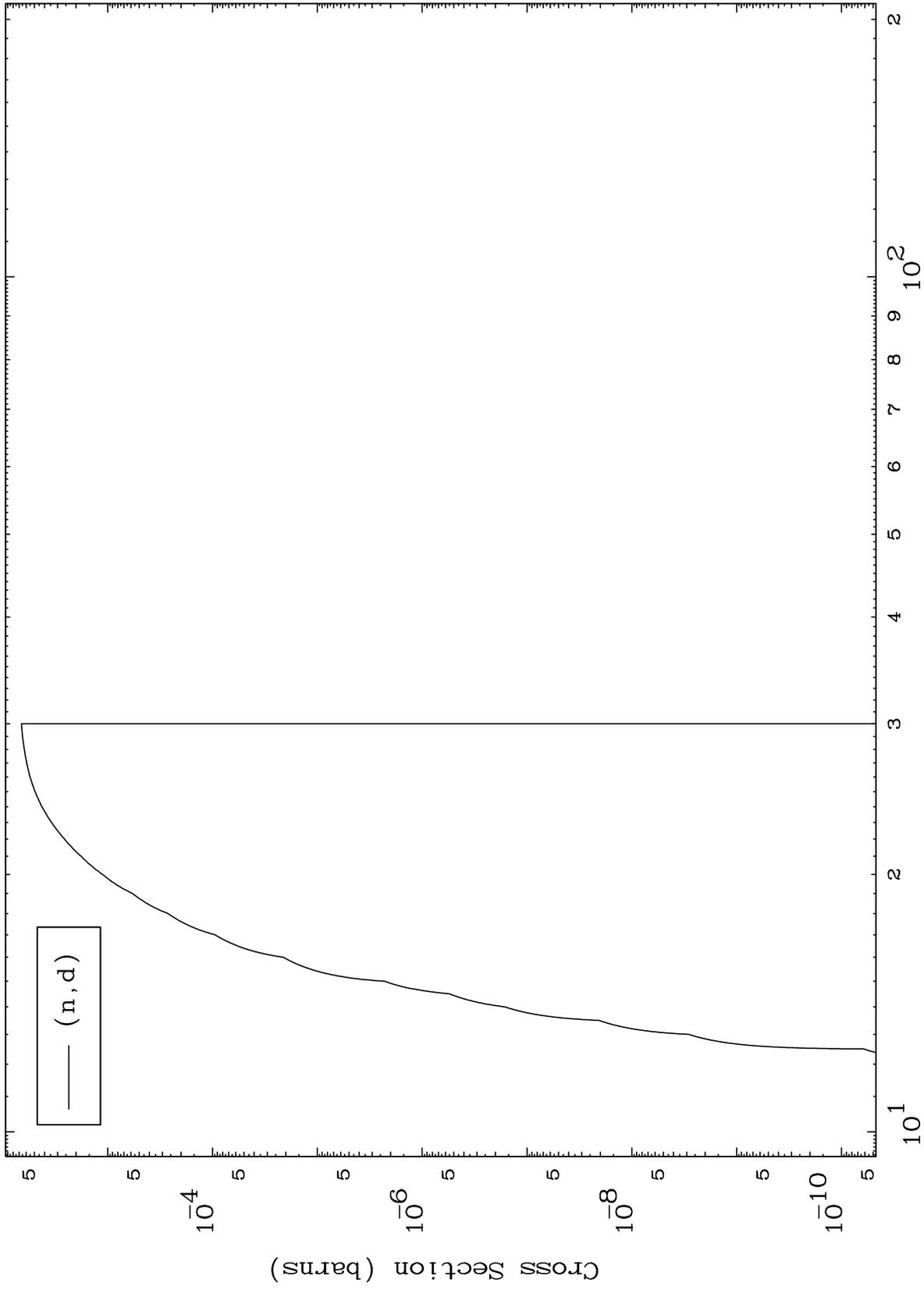
Incident Energy (MeV)

49-In-127

MAT 4967

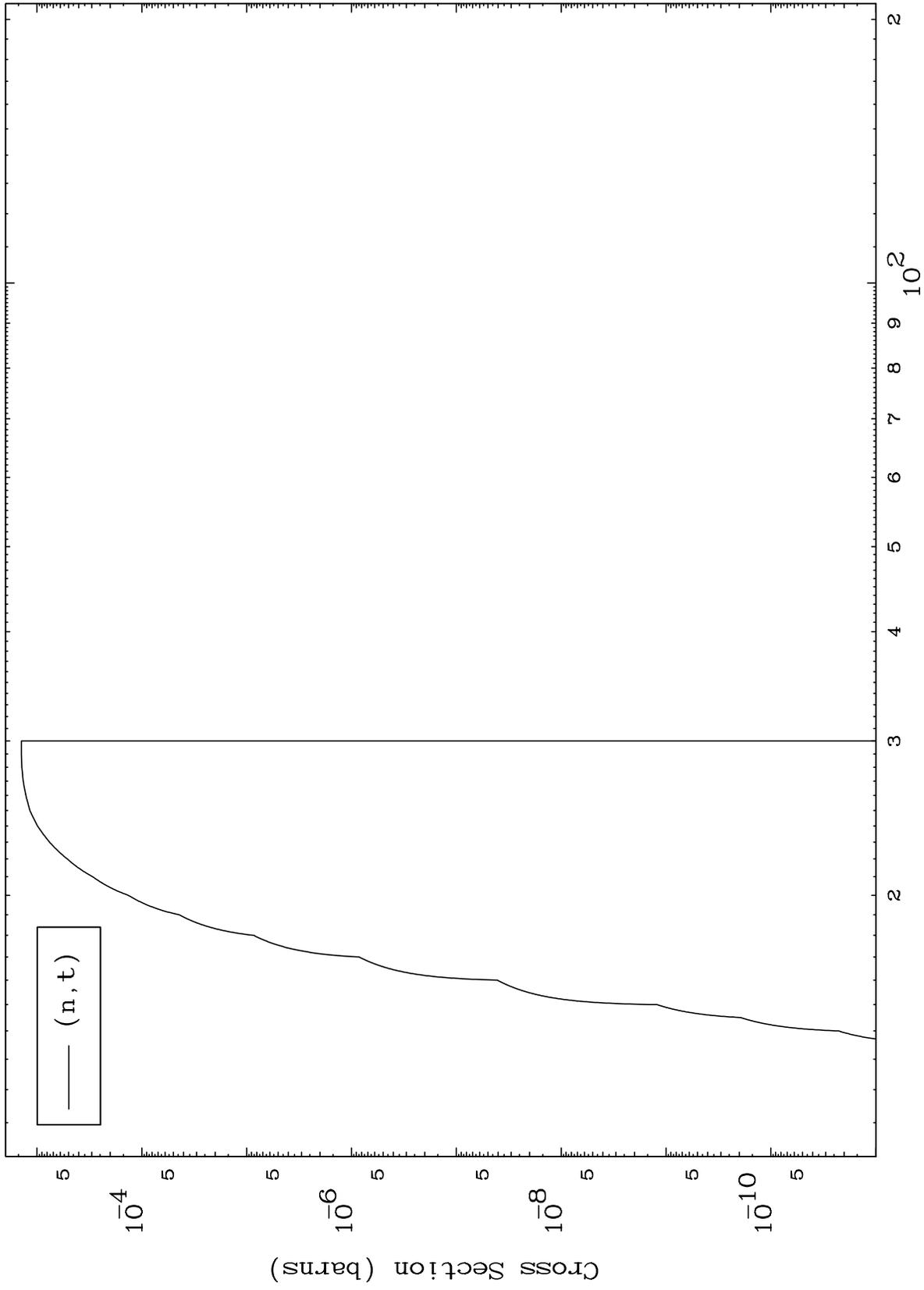
(n,d) Levels
293 Kelvin Cross Sections

49-In-127



Incident Energy (MeV)

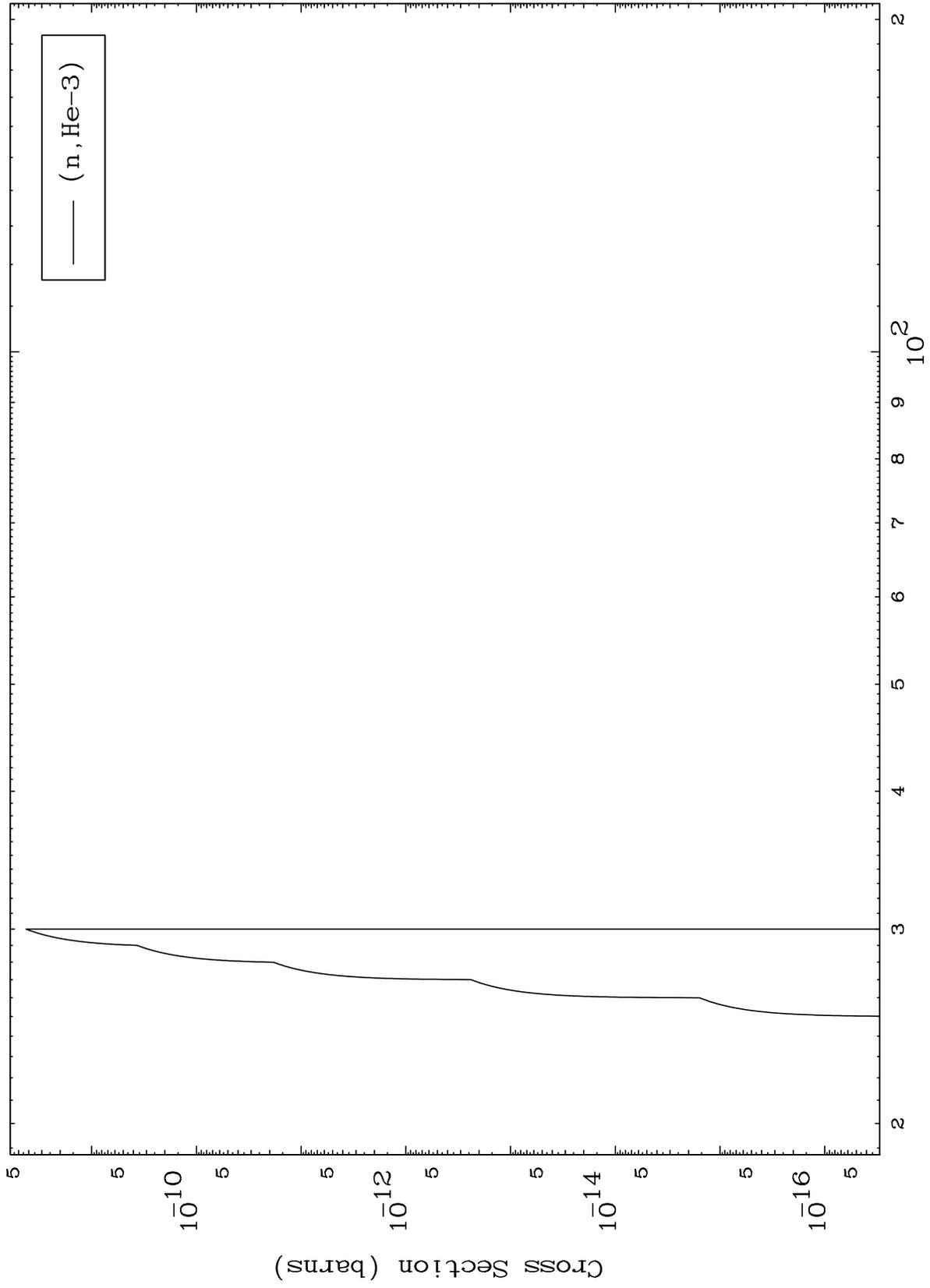
49-In-127



MAT 4967

(n,He3) Levels
293 Kelvin Cross Sections

49-In-127



12

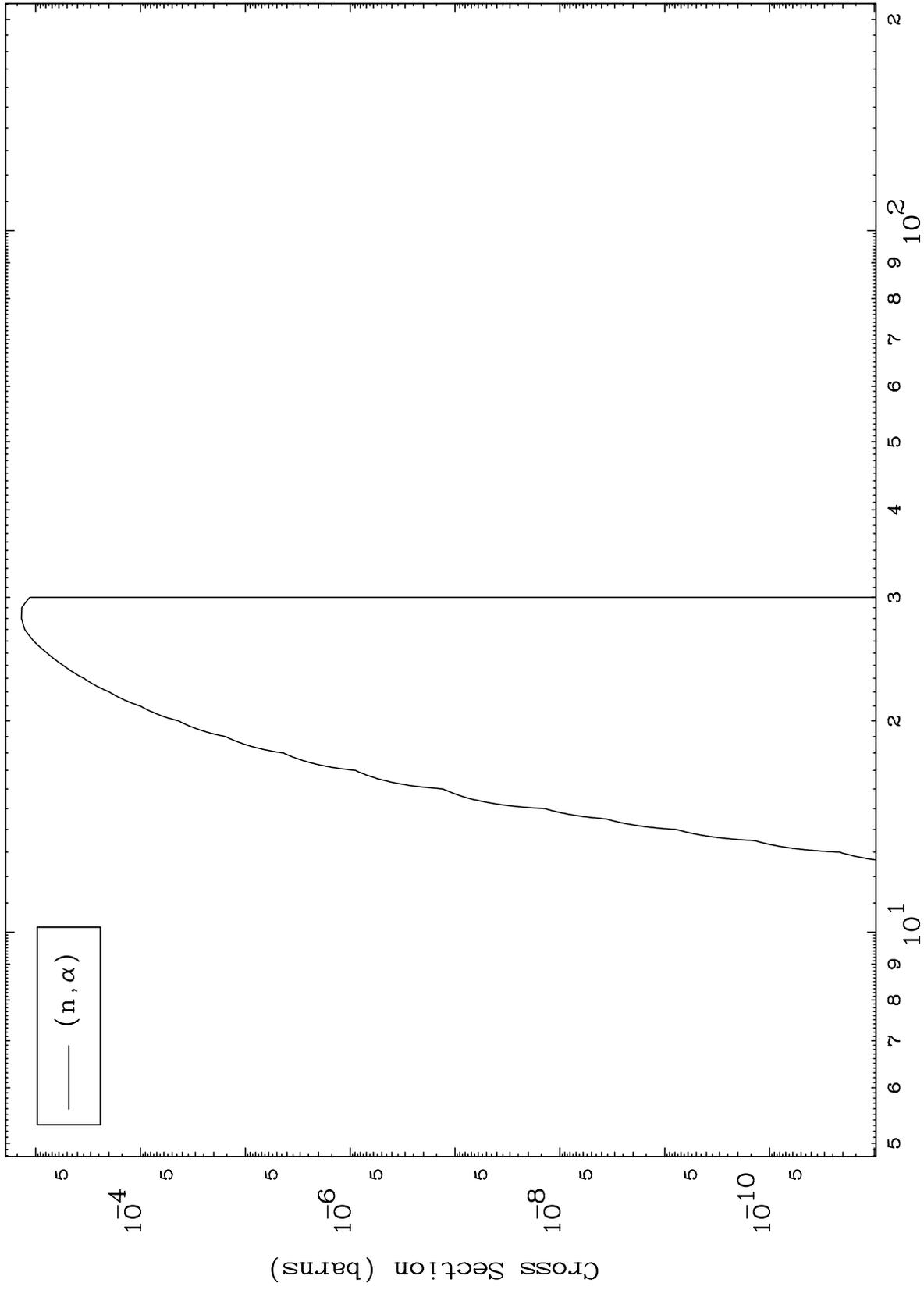
Incident Energy (MeV)

49-In-127

MAT 4967

(n,α) Levels
293 Kelvin Cross Sections

49-In-127



13

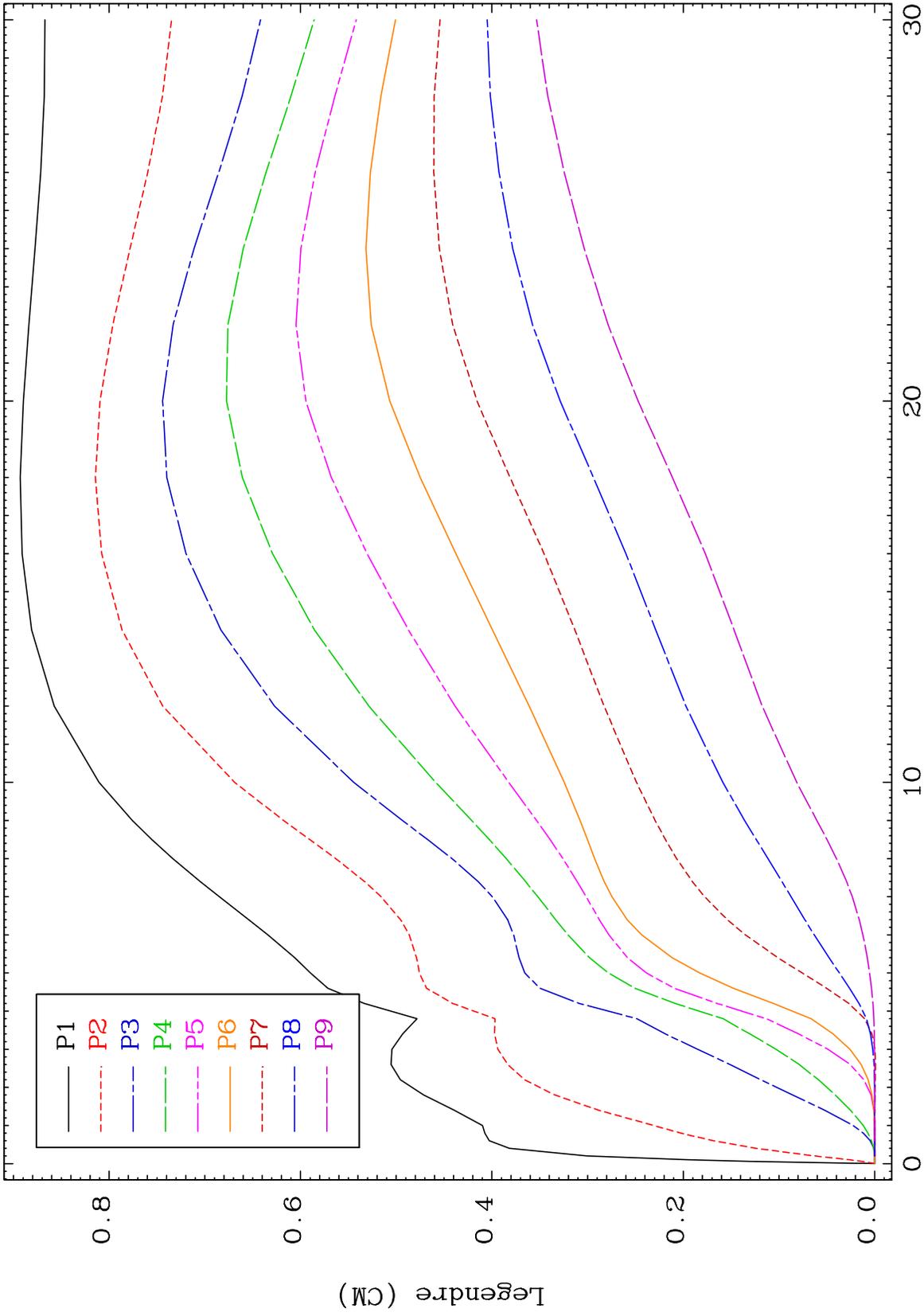
Incident Energy (MeV)

49-In-127

MAT 4967

Elastic Legendre Coefficients

49-In-127



14

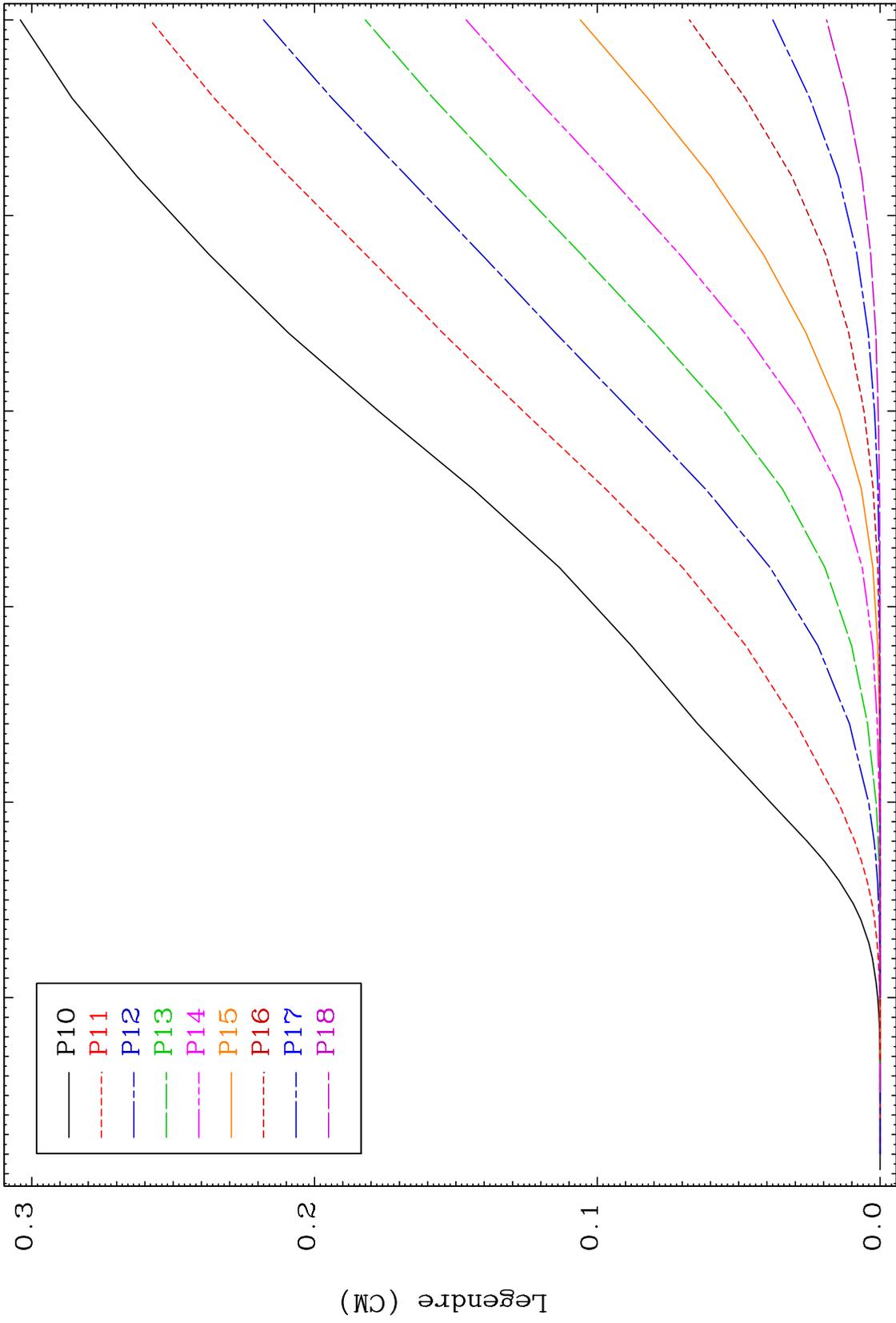
Incident Energy (MeV)

49-In-127

MAT 4967

Elastic Legendre Coefficients

49-In-127



15

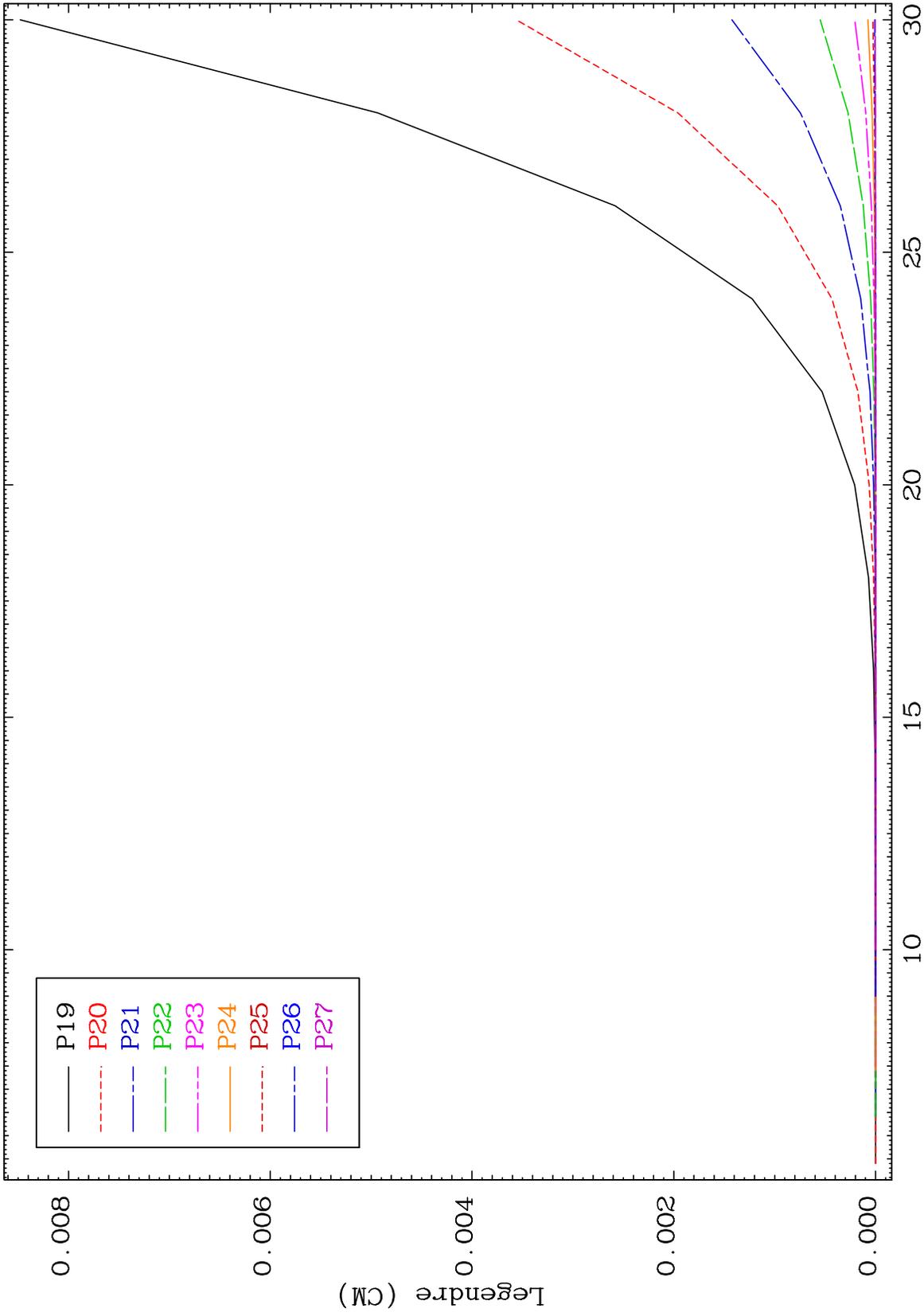
Incident Energy (MeV)

49-In-127

MAT 4967

Elastic Legendre Coefficients

49-In-127



16

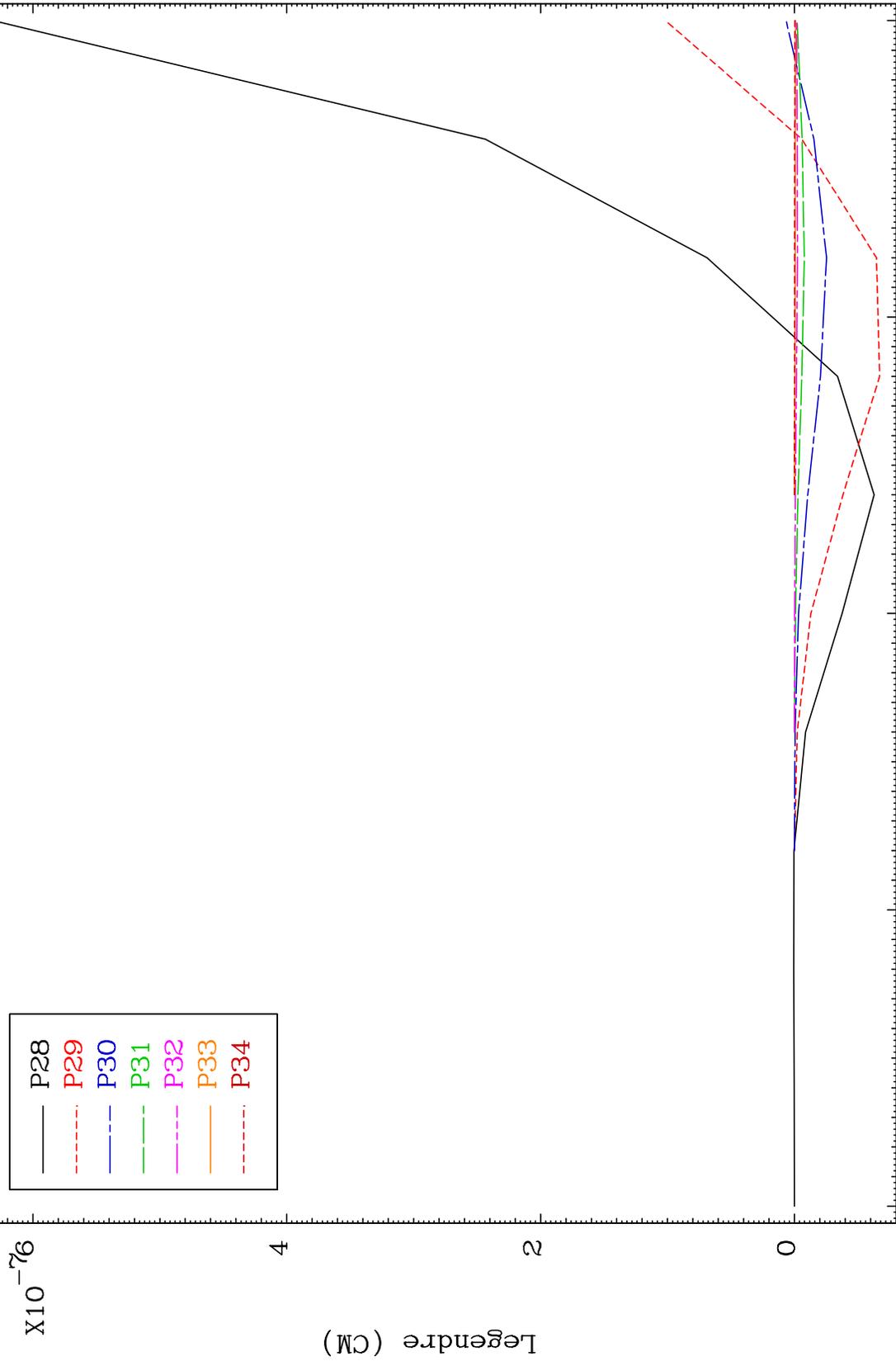
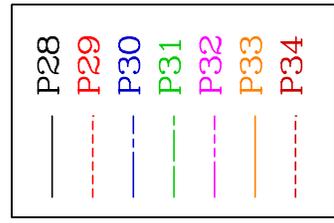
Incident Energy (MeV)

49-In-127

MAT 4967

Elastic Legendre Coefficients

49-In-127



17

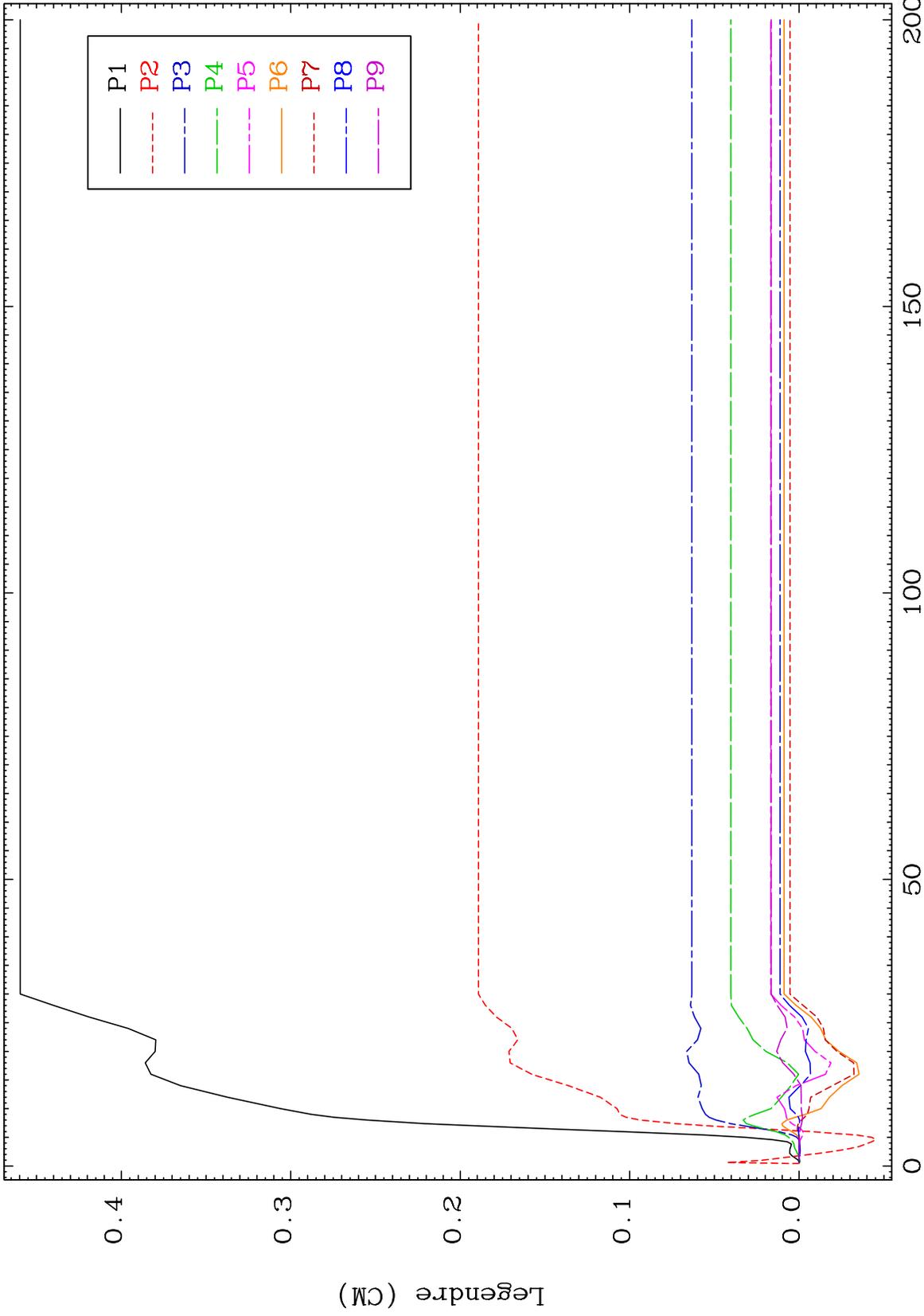
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



18

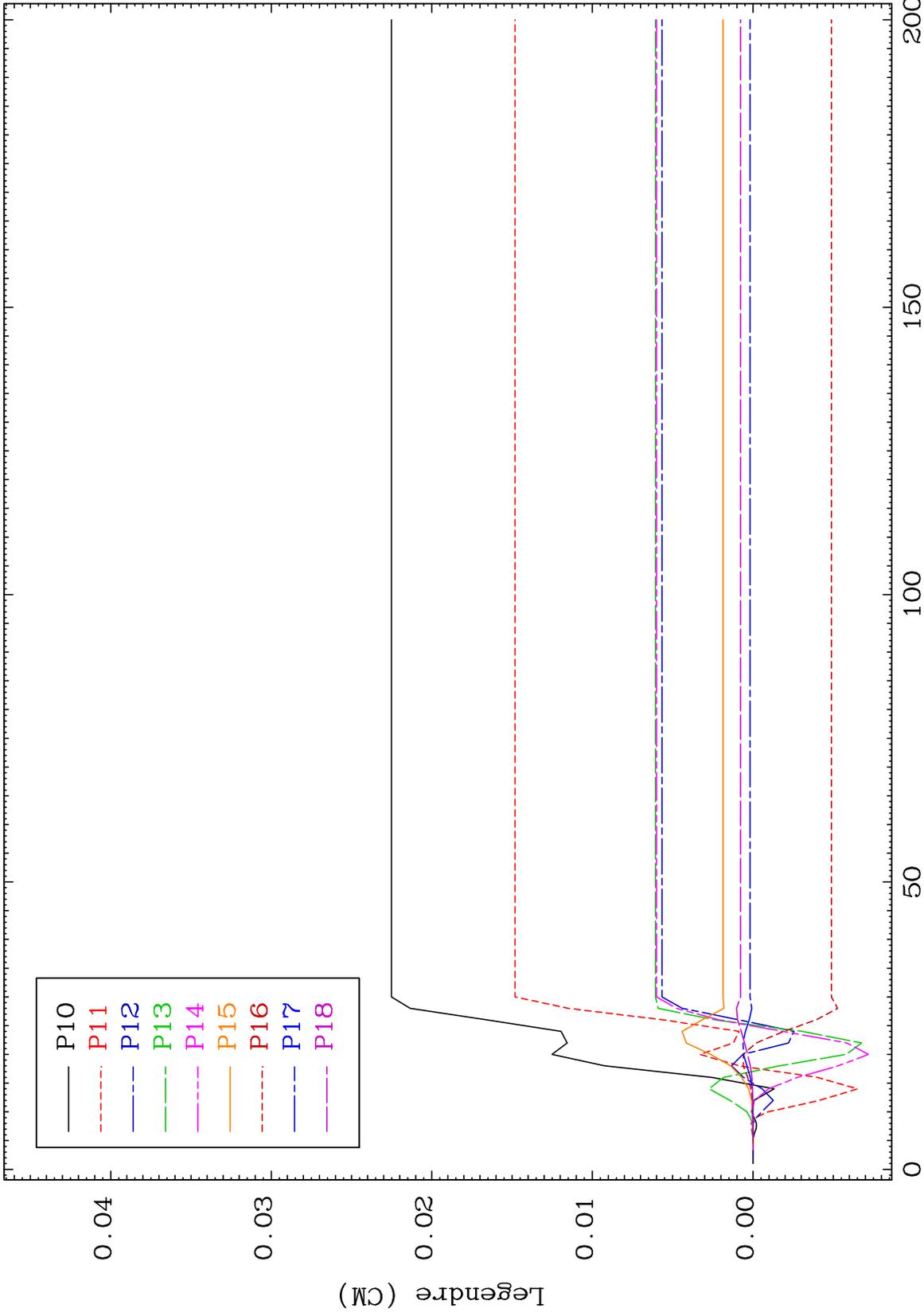
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



19

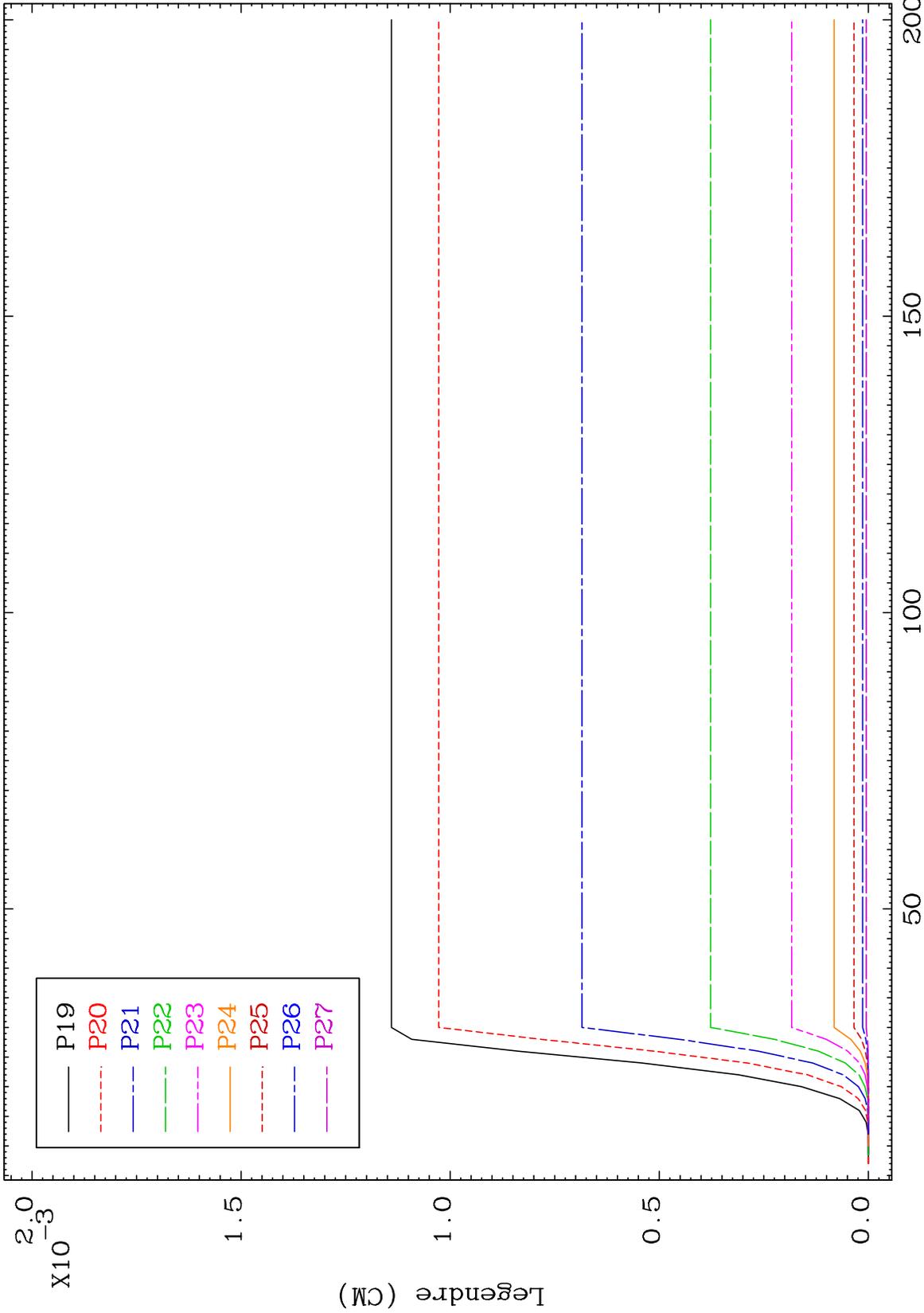
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



20

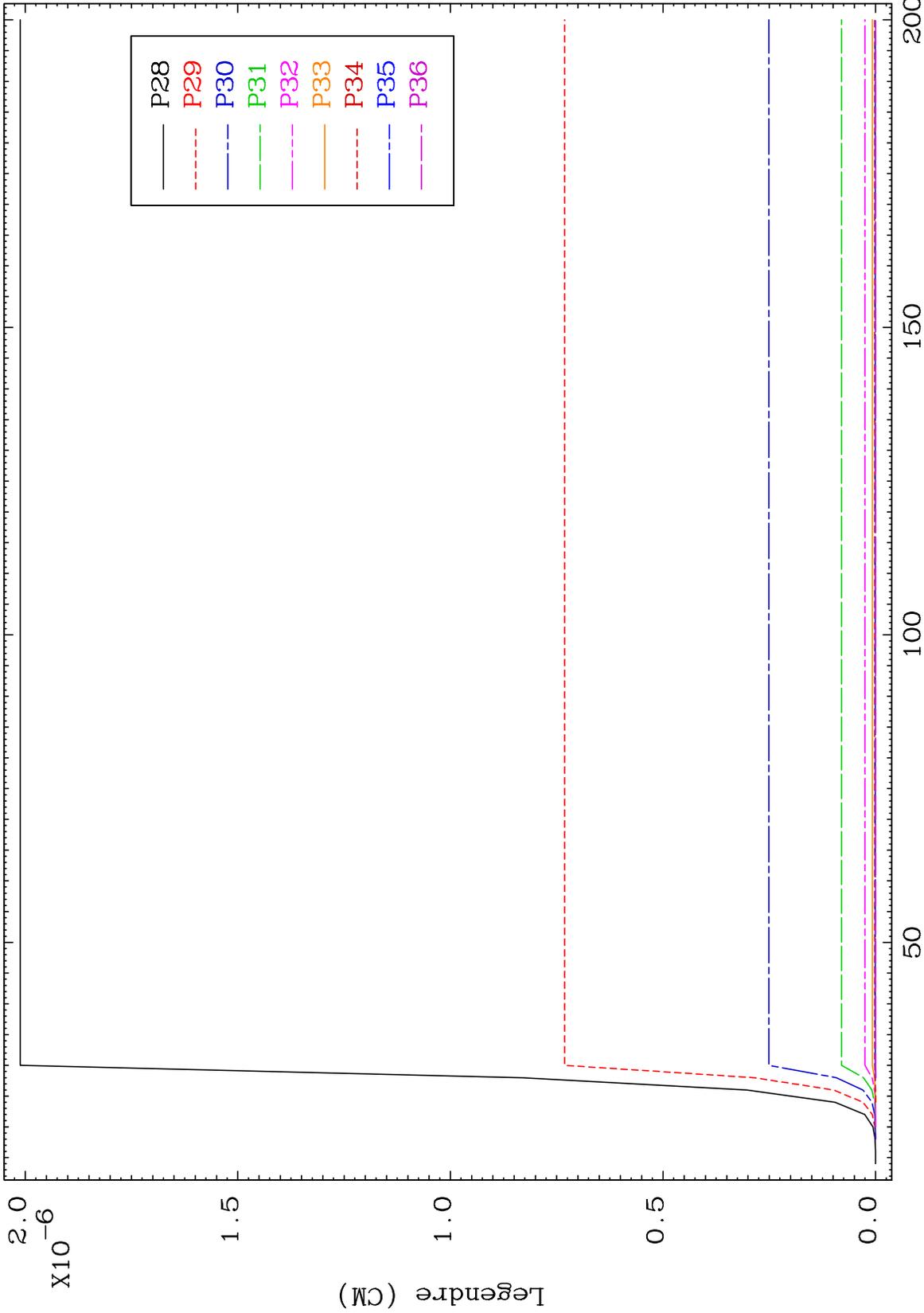
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



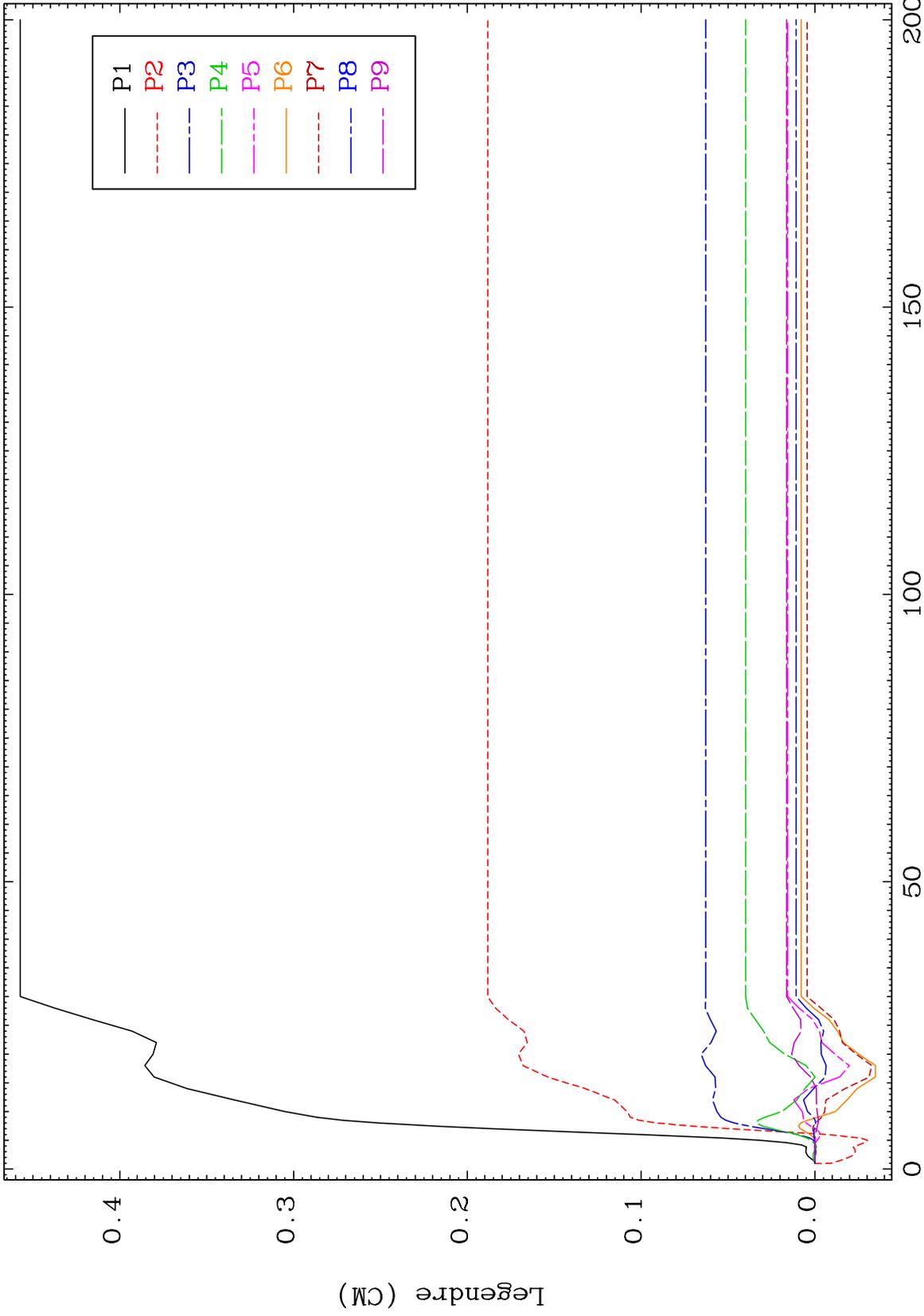
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49-In-127

MAT 4967

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

49-In-127



22

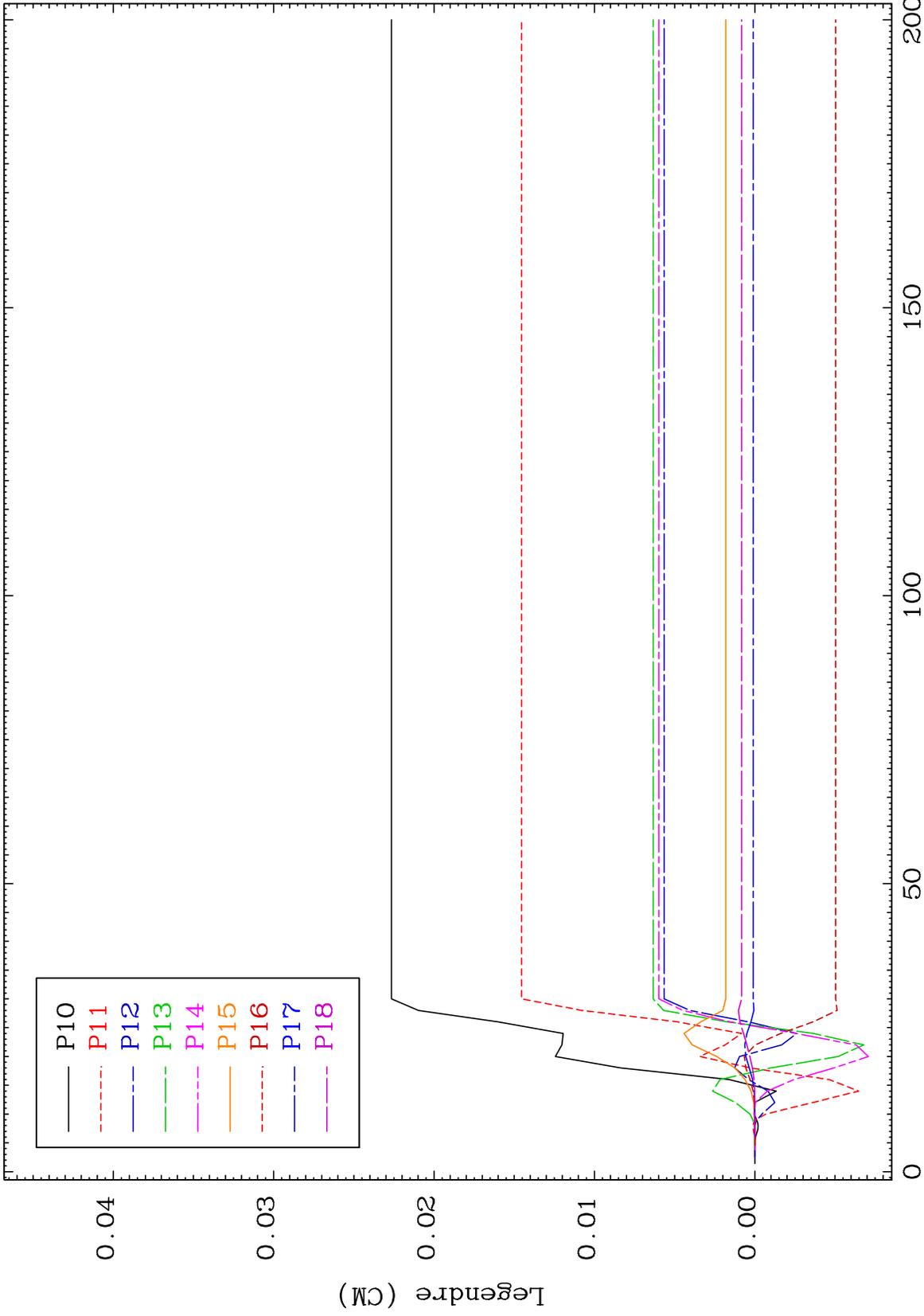
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



23

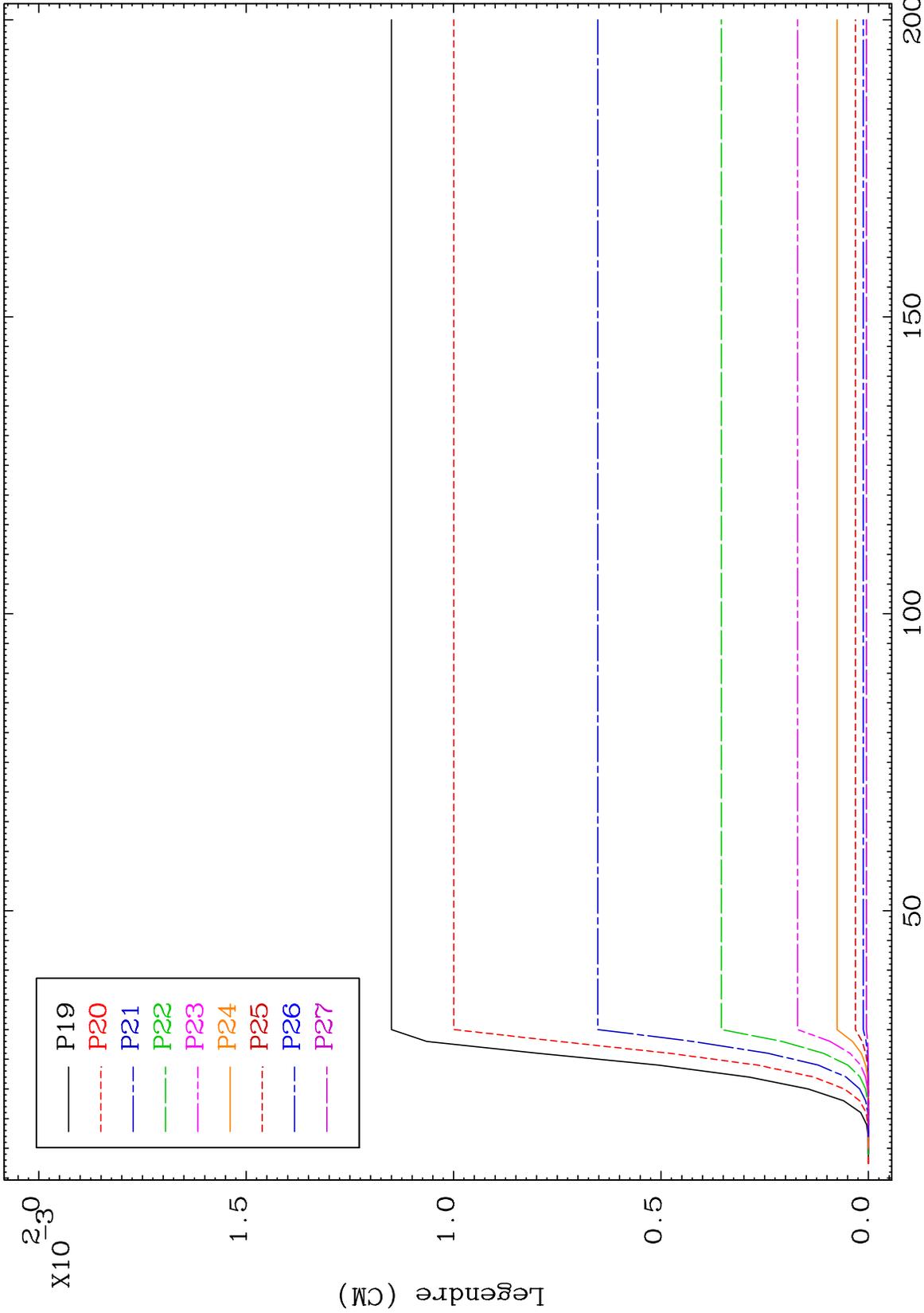
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



24

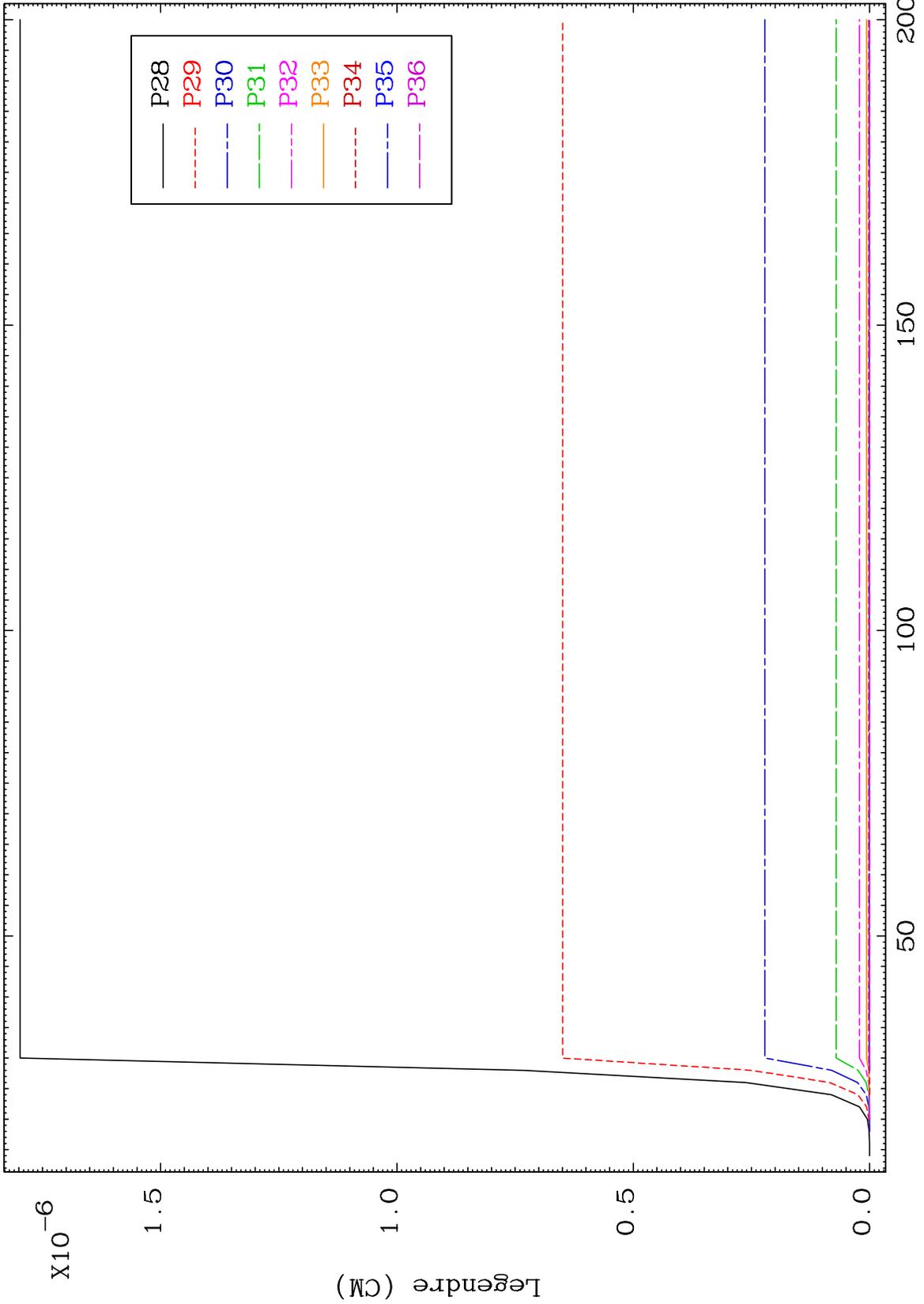
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



25

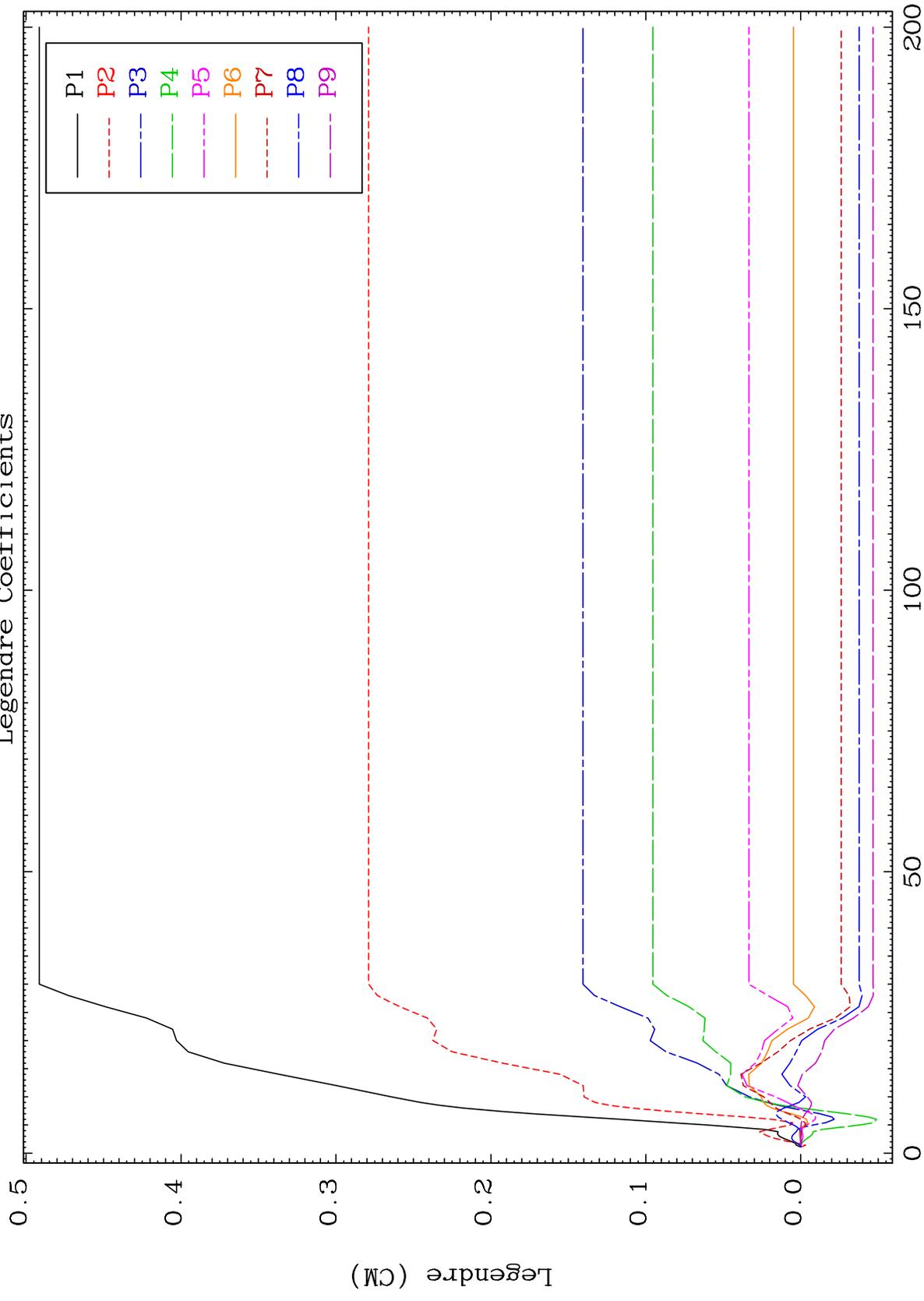
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



26

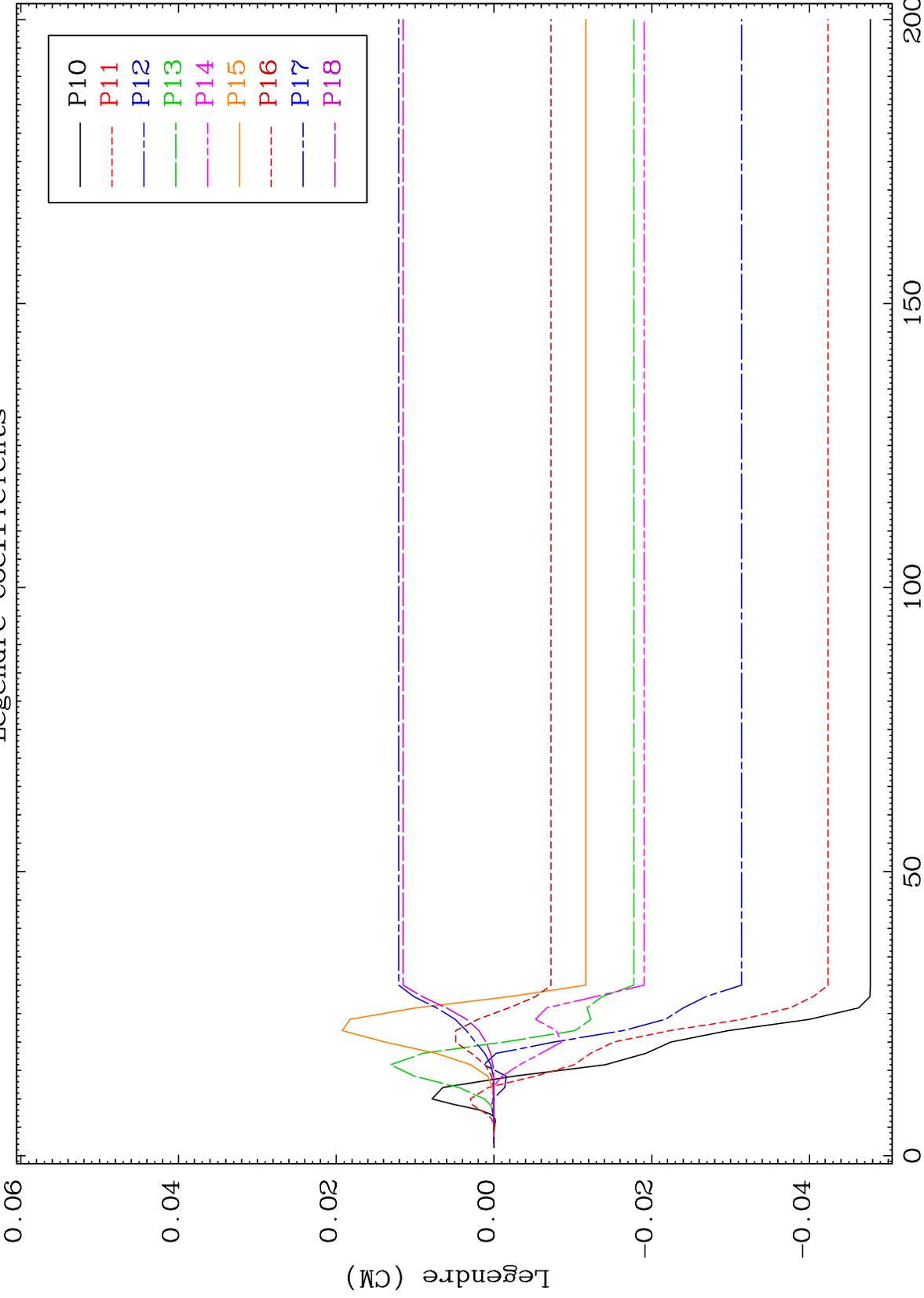
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



27

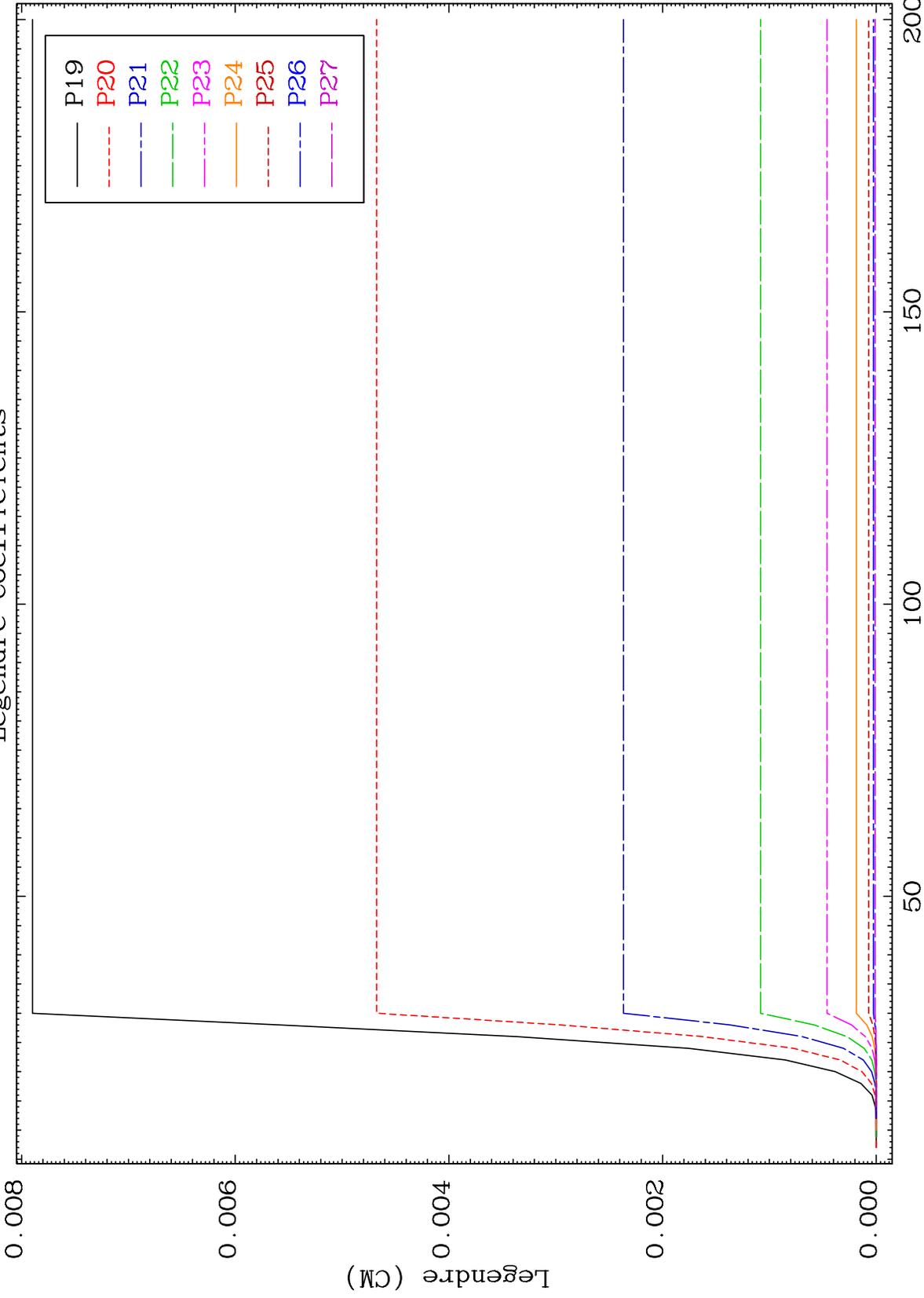
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



28

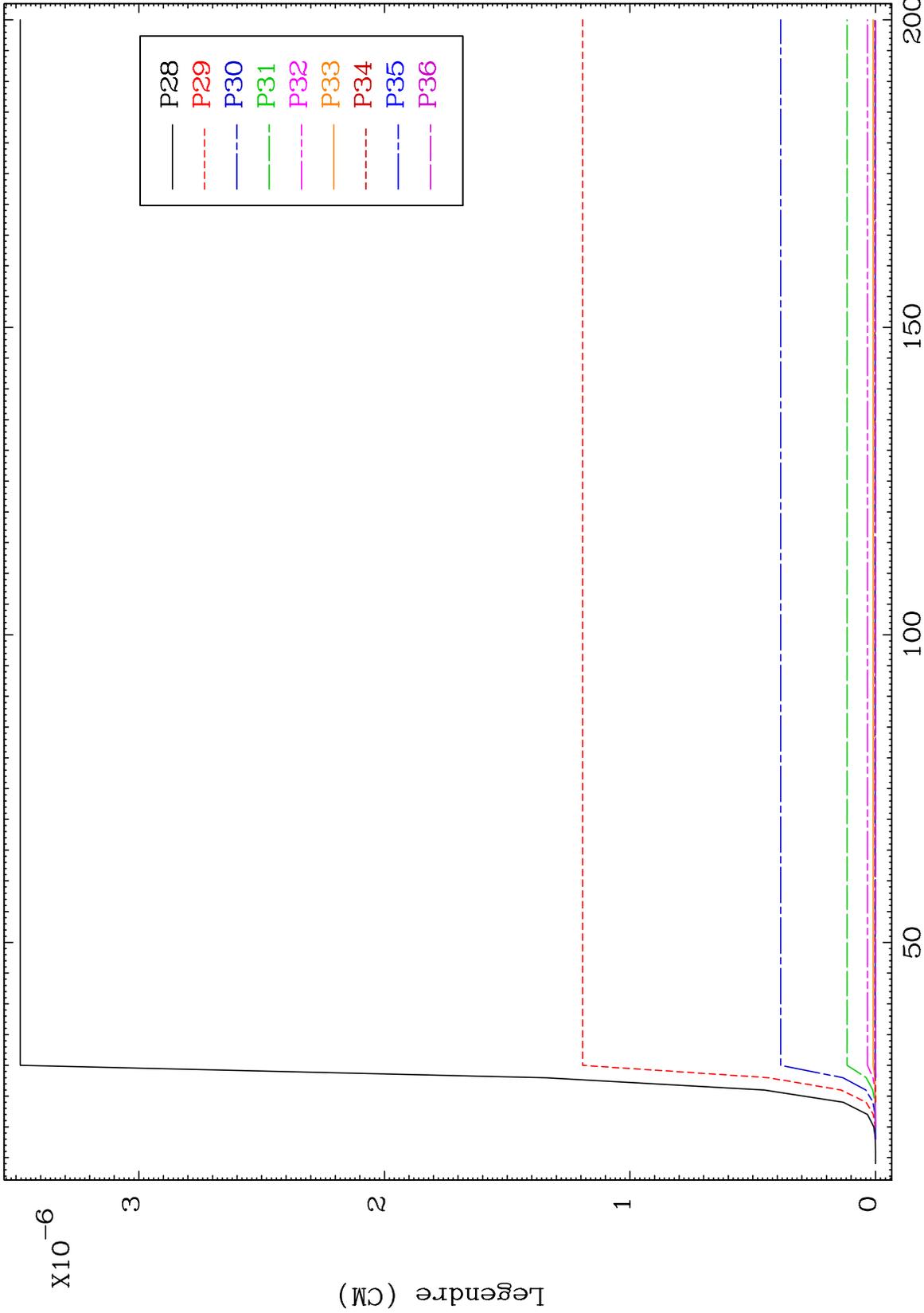
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



29

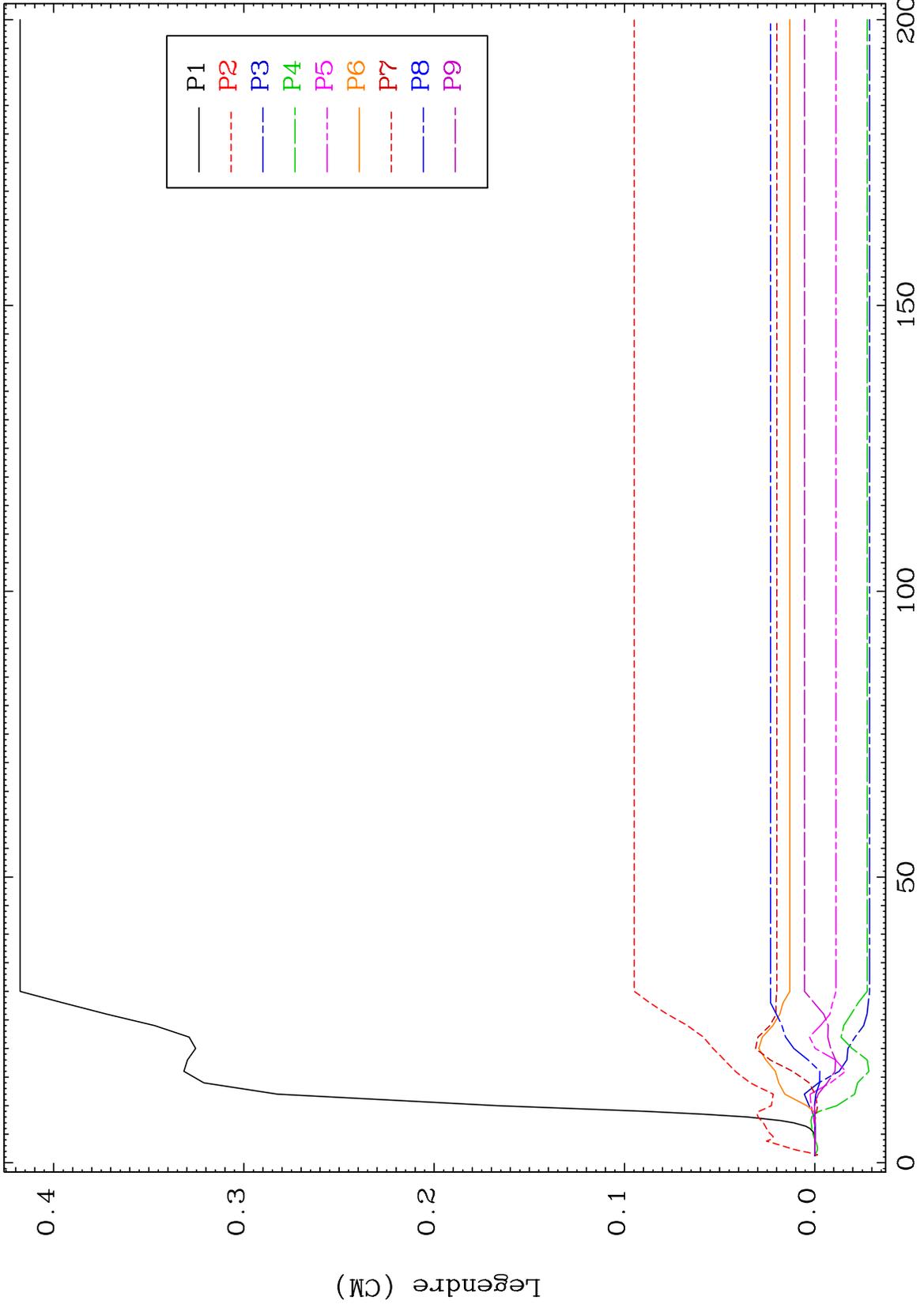
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

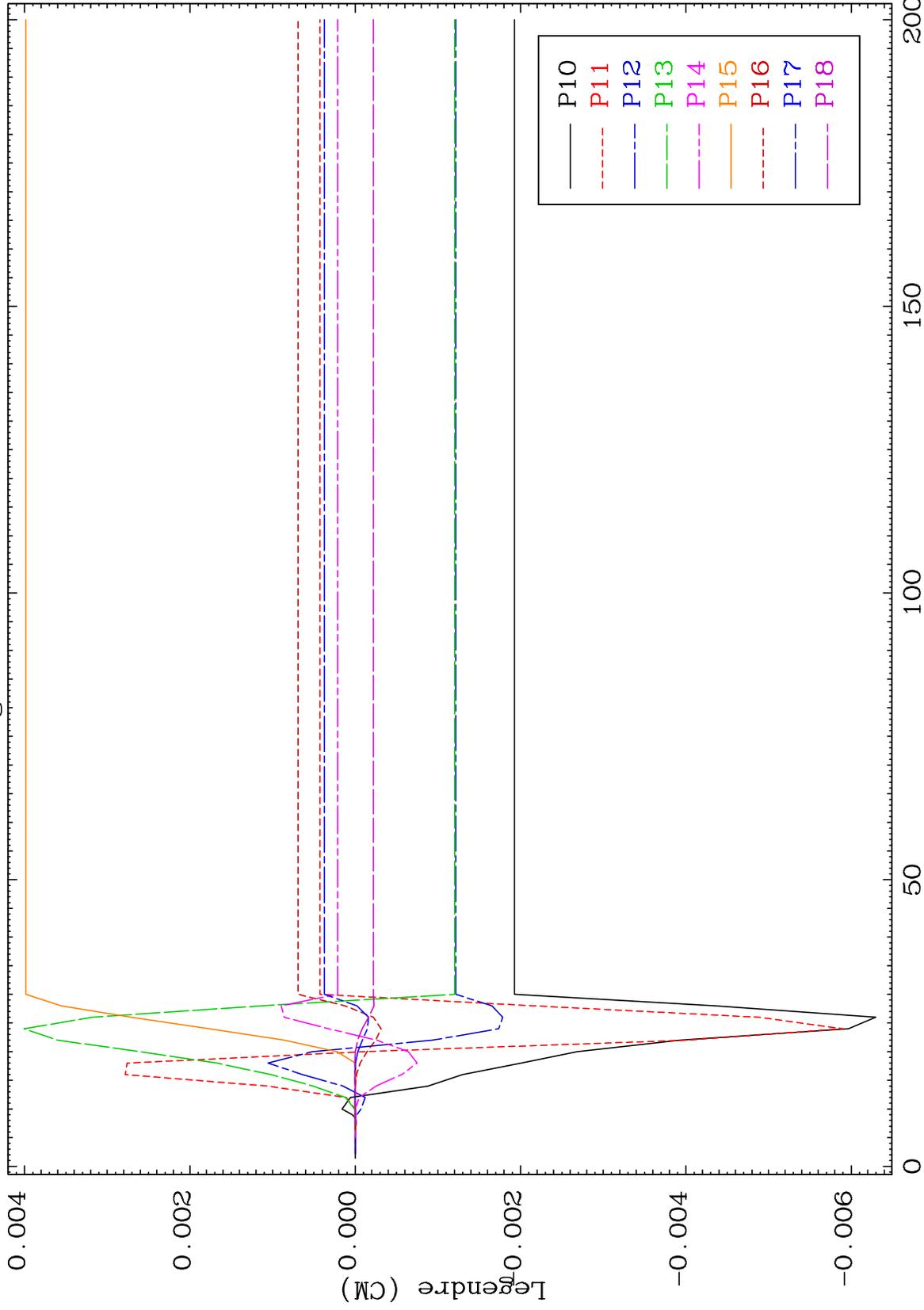
Incident Energy (MeV)

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MAT 4967

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

49-In-127



31

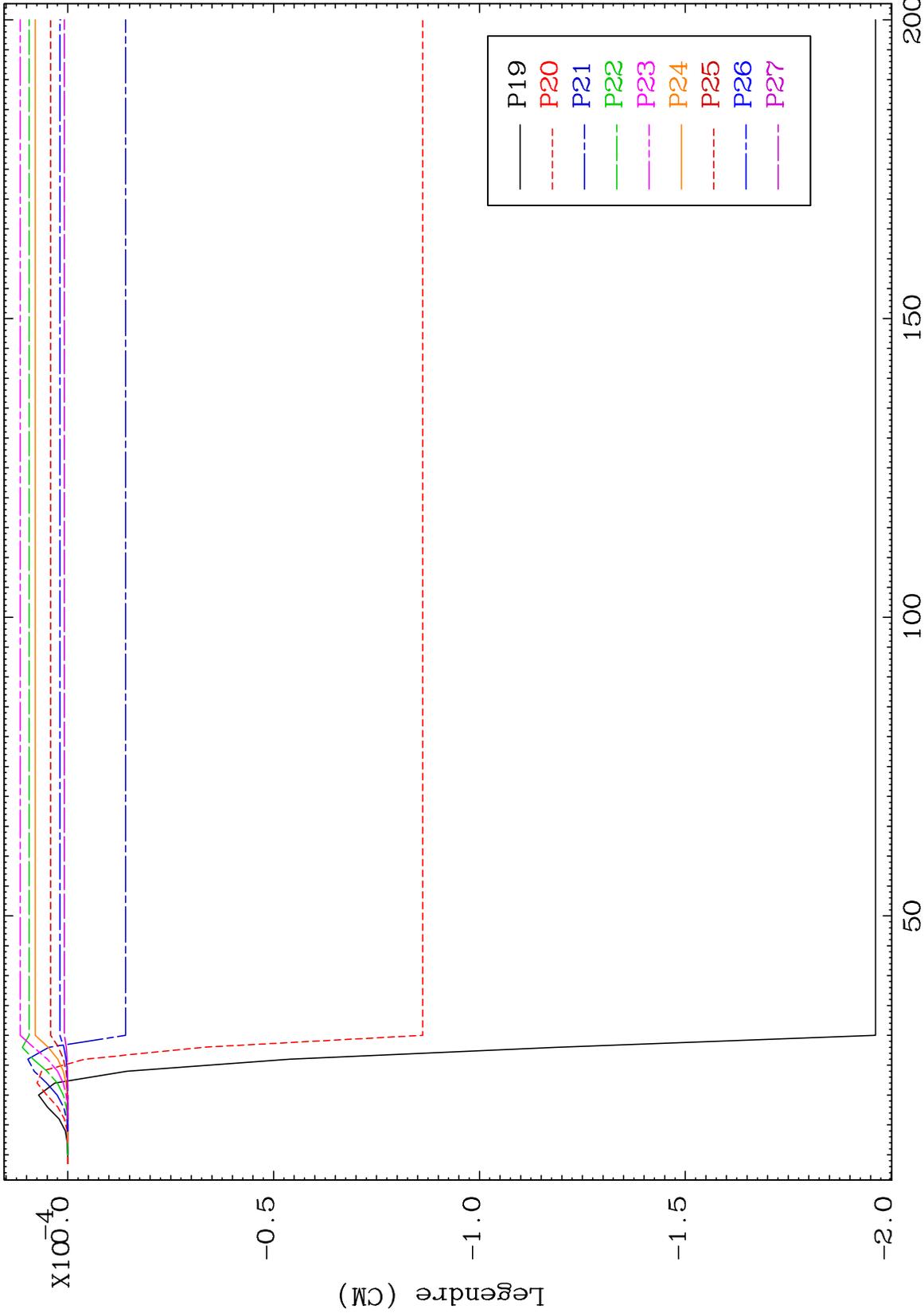
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

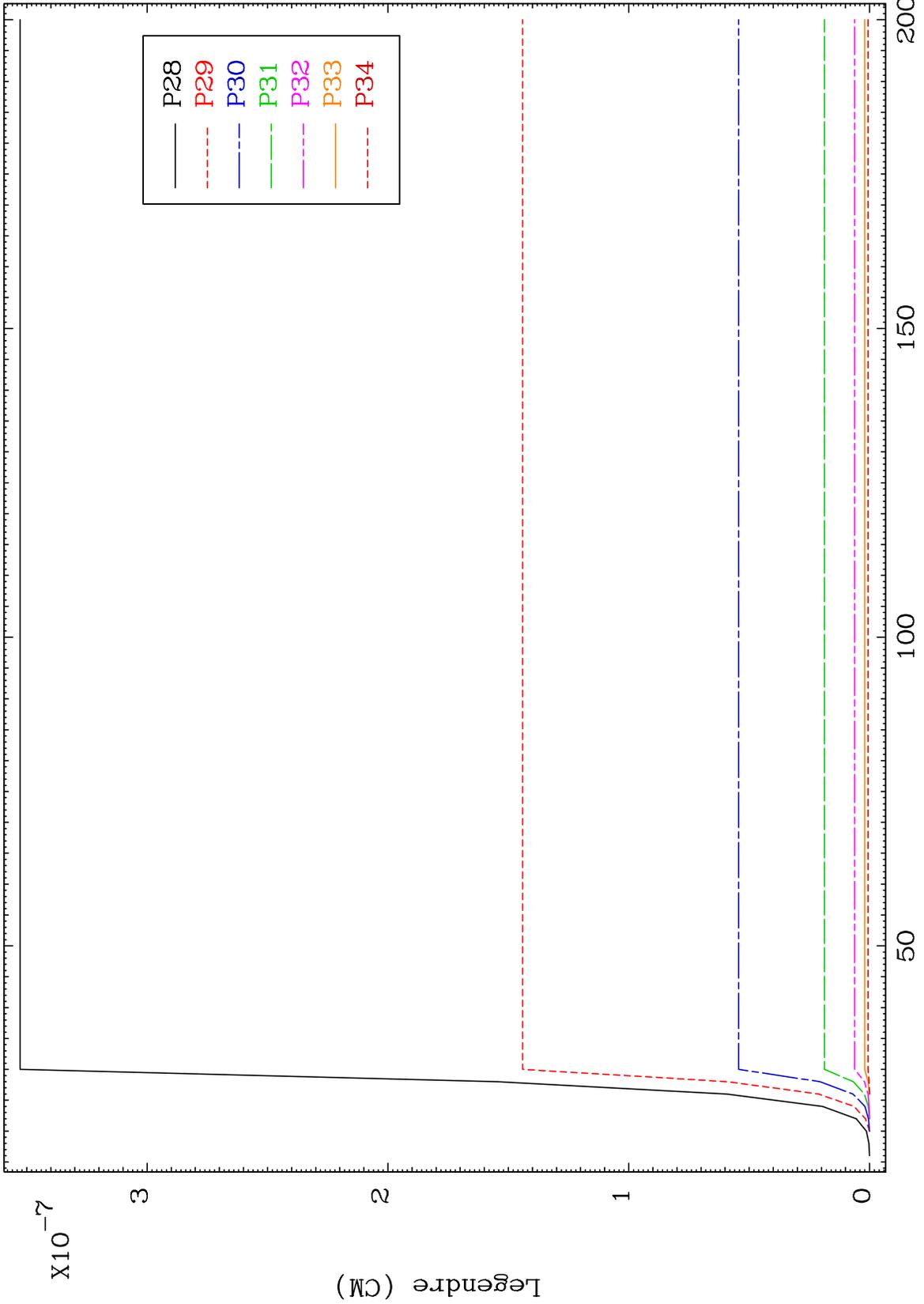
Incident Energy (MeV)

32

MAT 4967

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

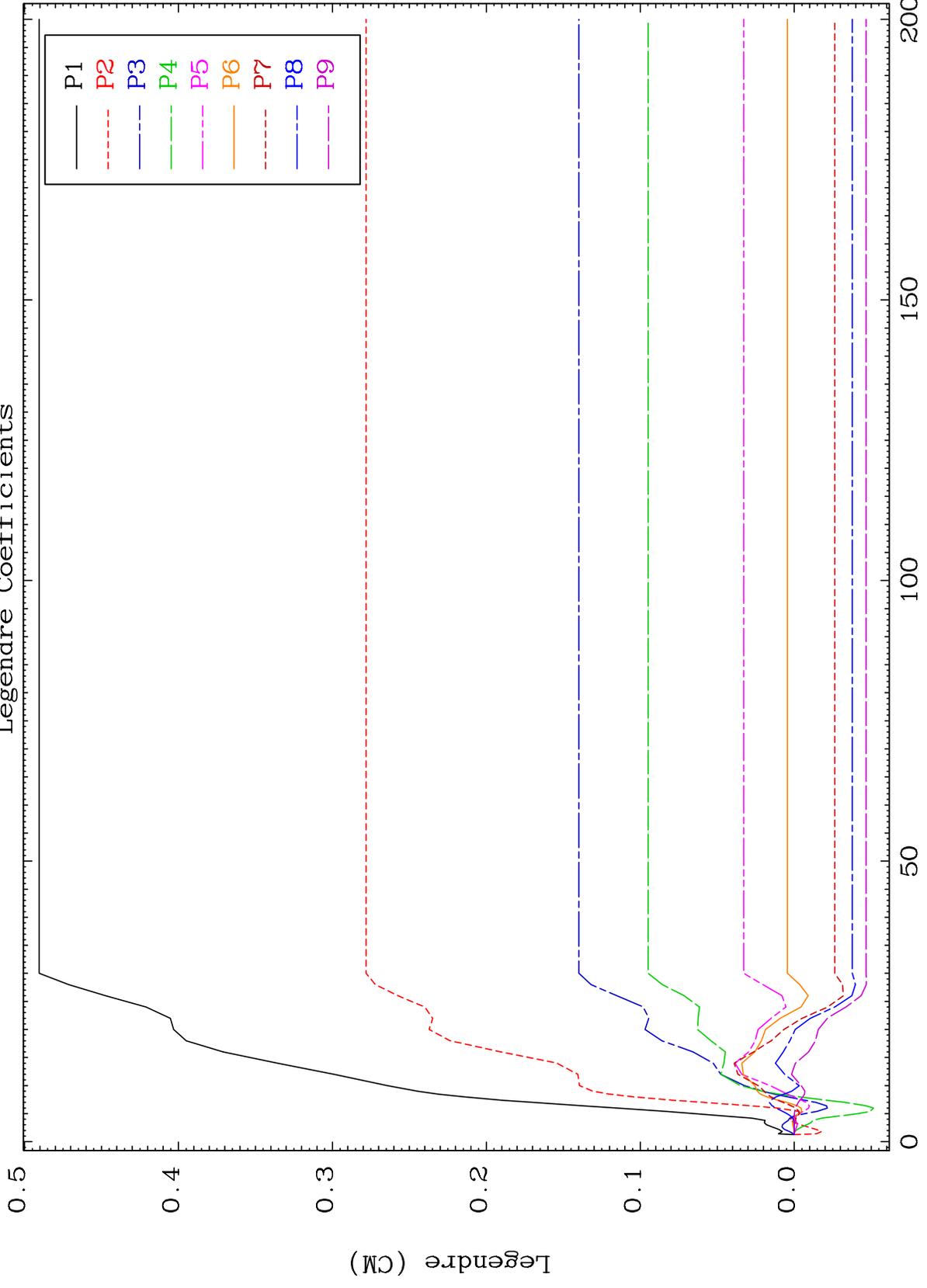
49-In-127



33

49-In-127

MAT 4967 MT= 55 (n,n') Level Legendre Coefficients 49-In-127

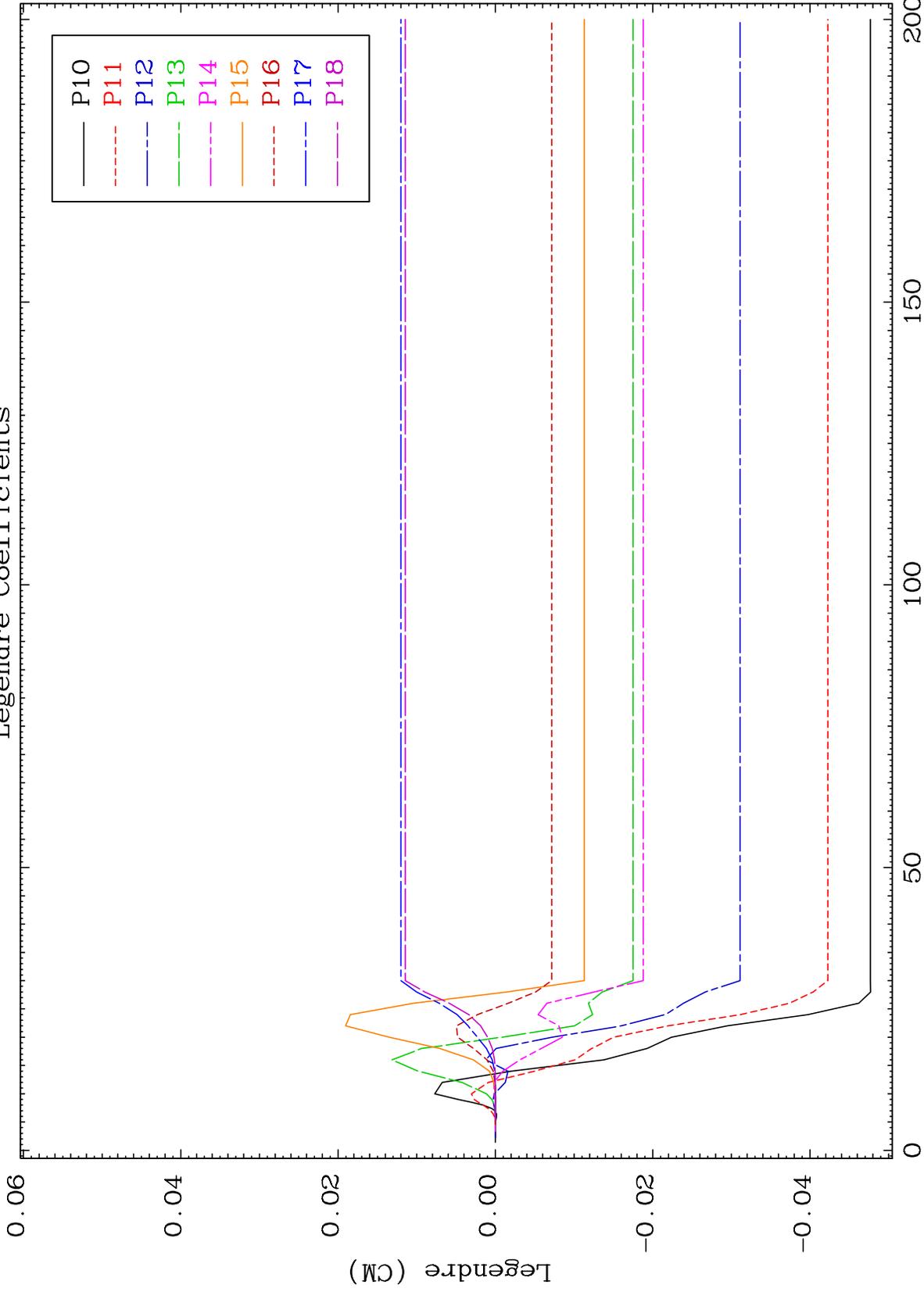


34 49-In-127

MAT 4967

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

49-In-127



35

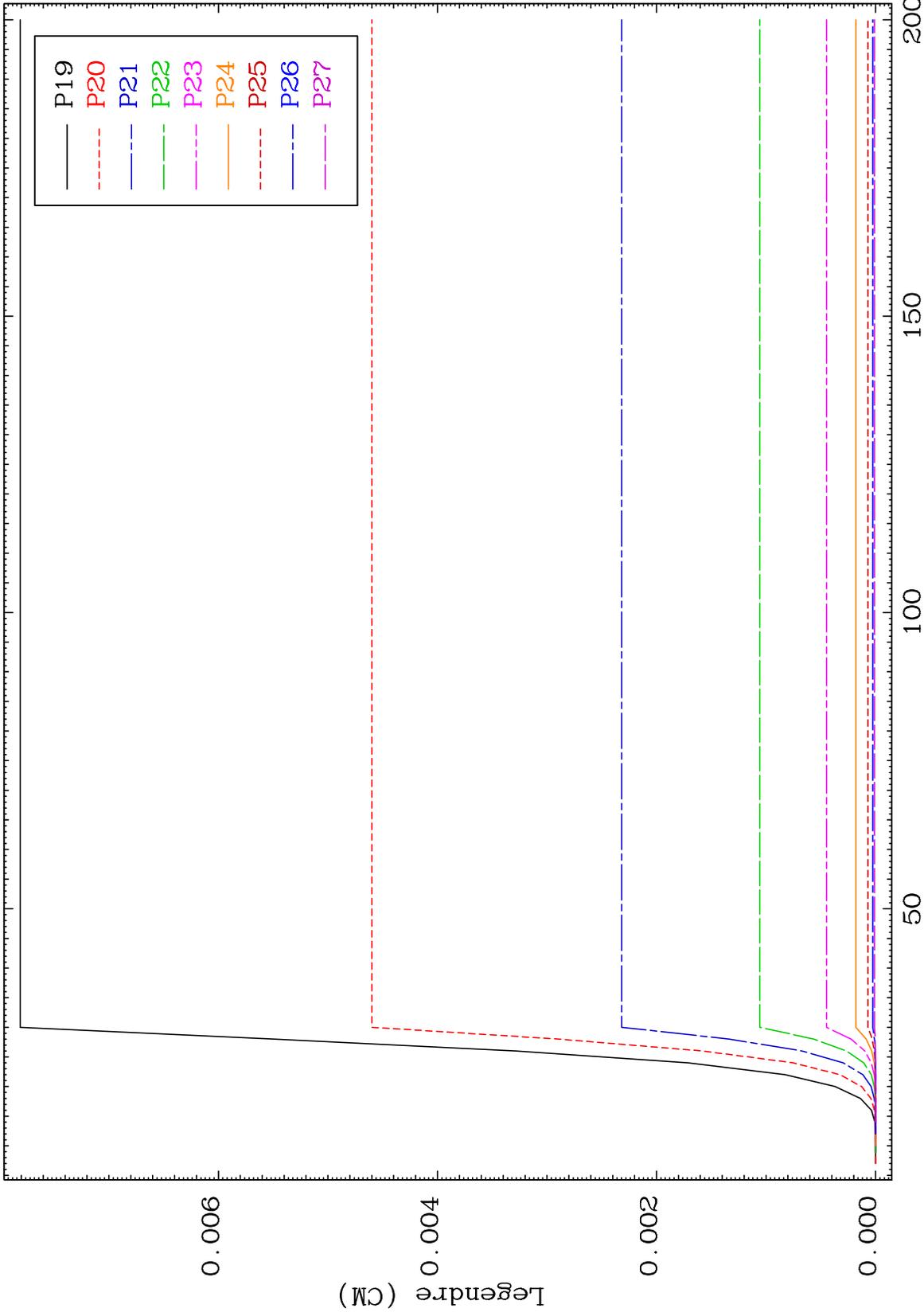
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



36

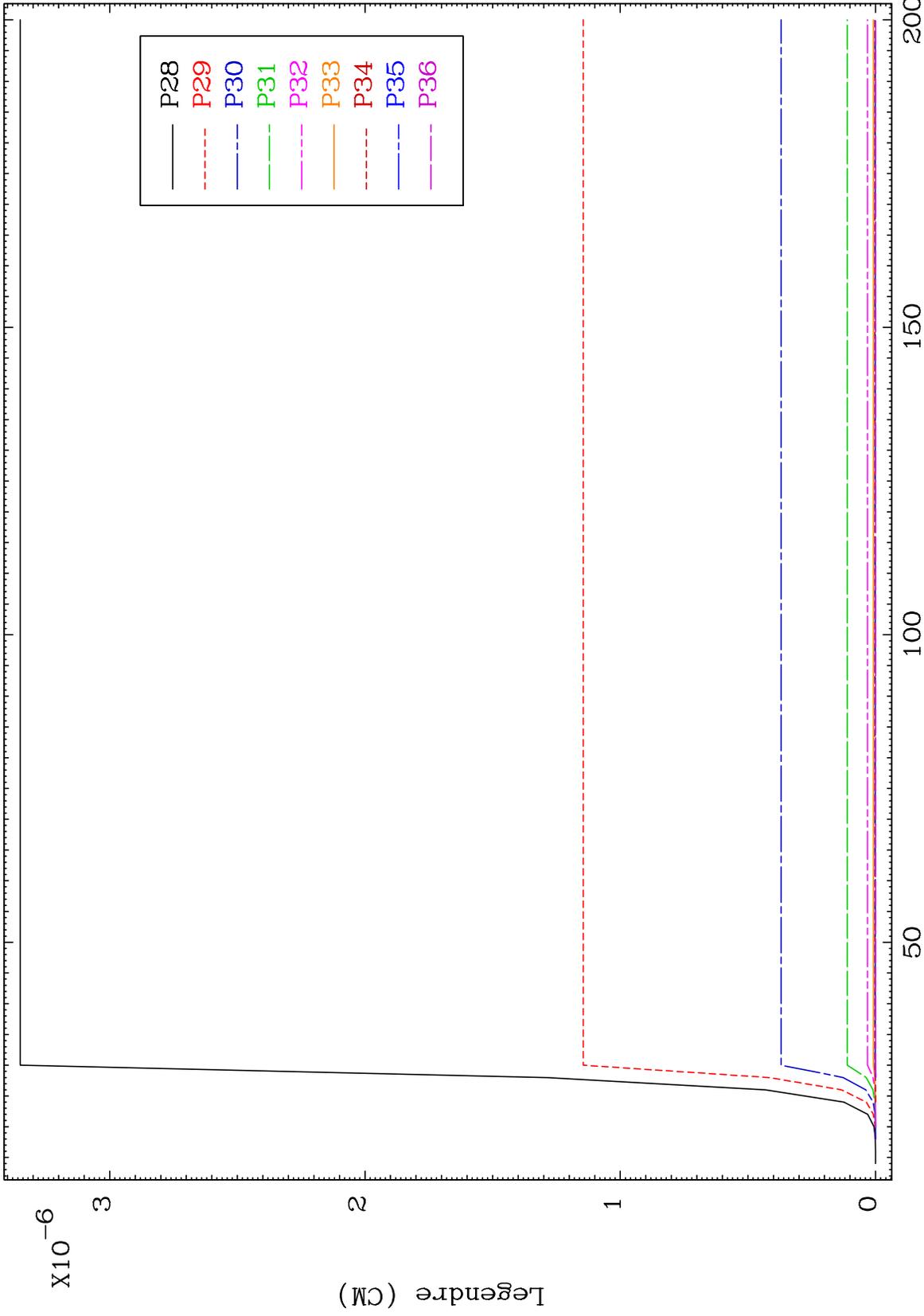
Incident Energy (MeV)

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MAT 4967

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

49-In-127



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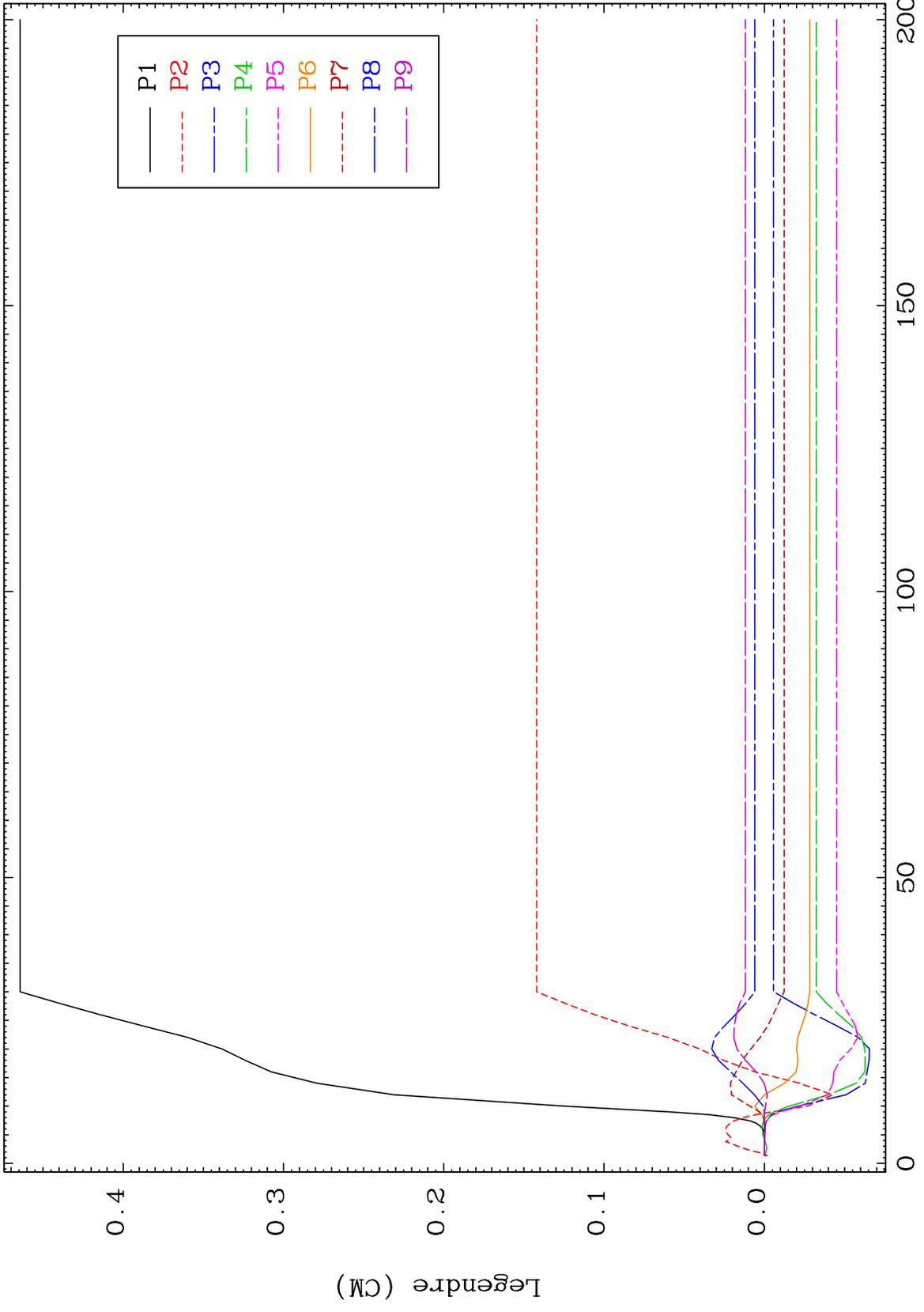
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



38

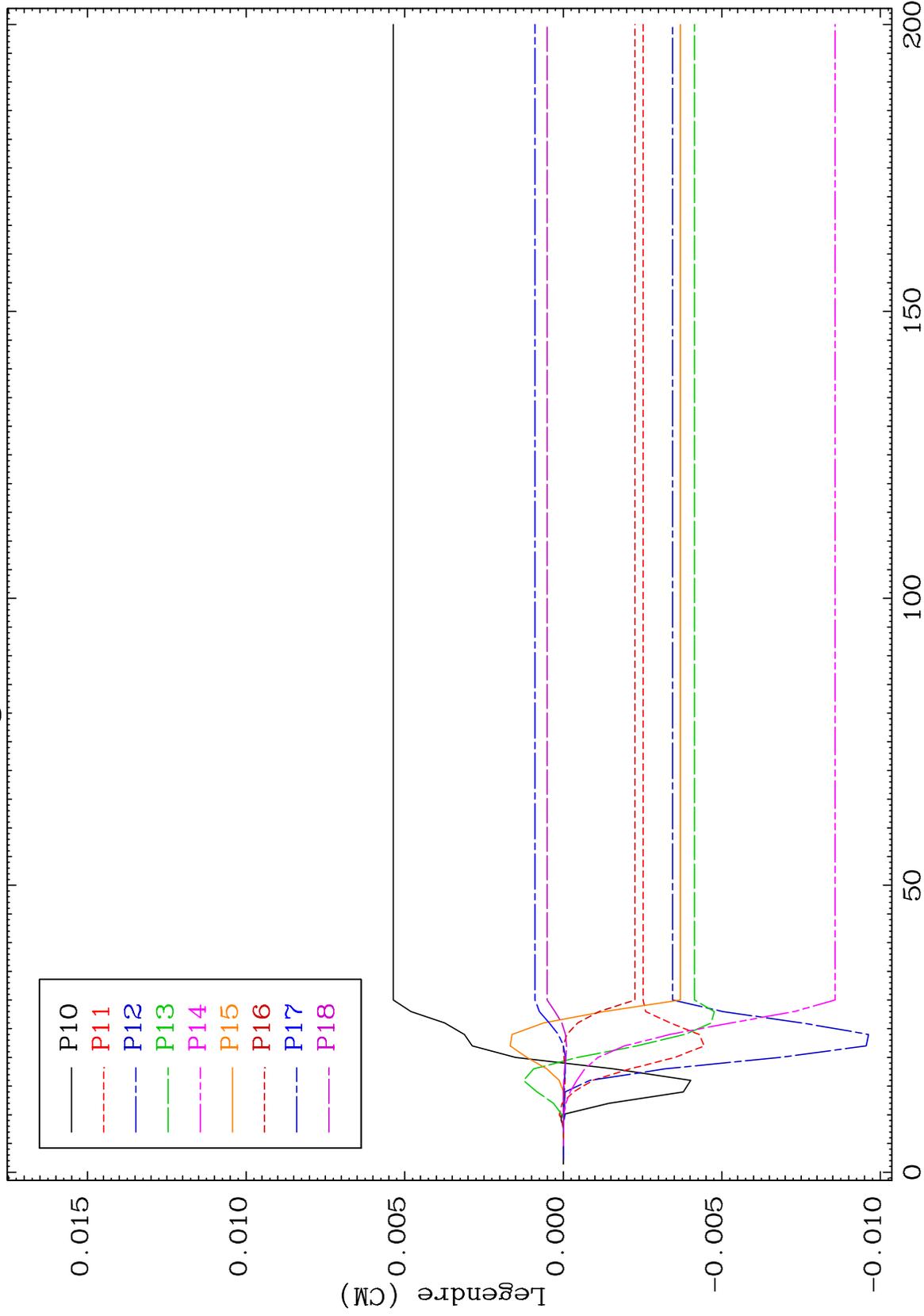
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



39

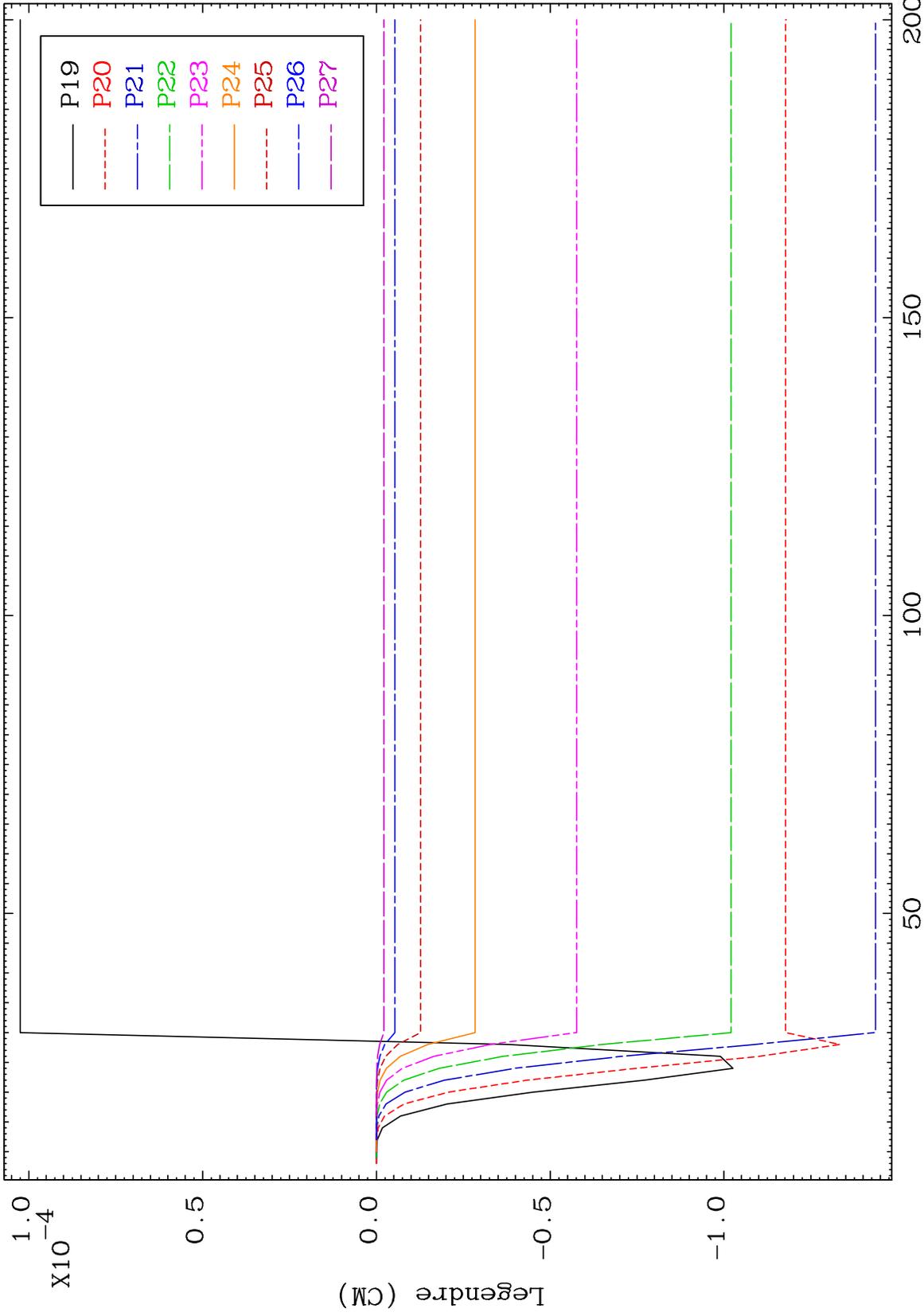
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



40

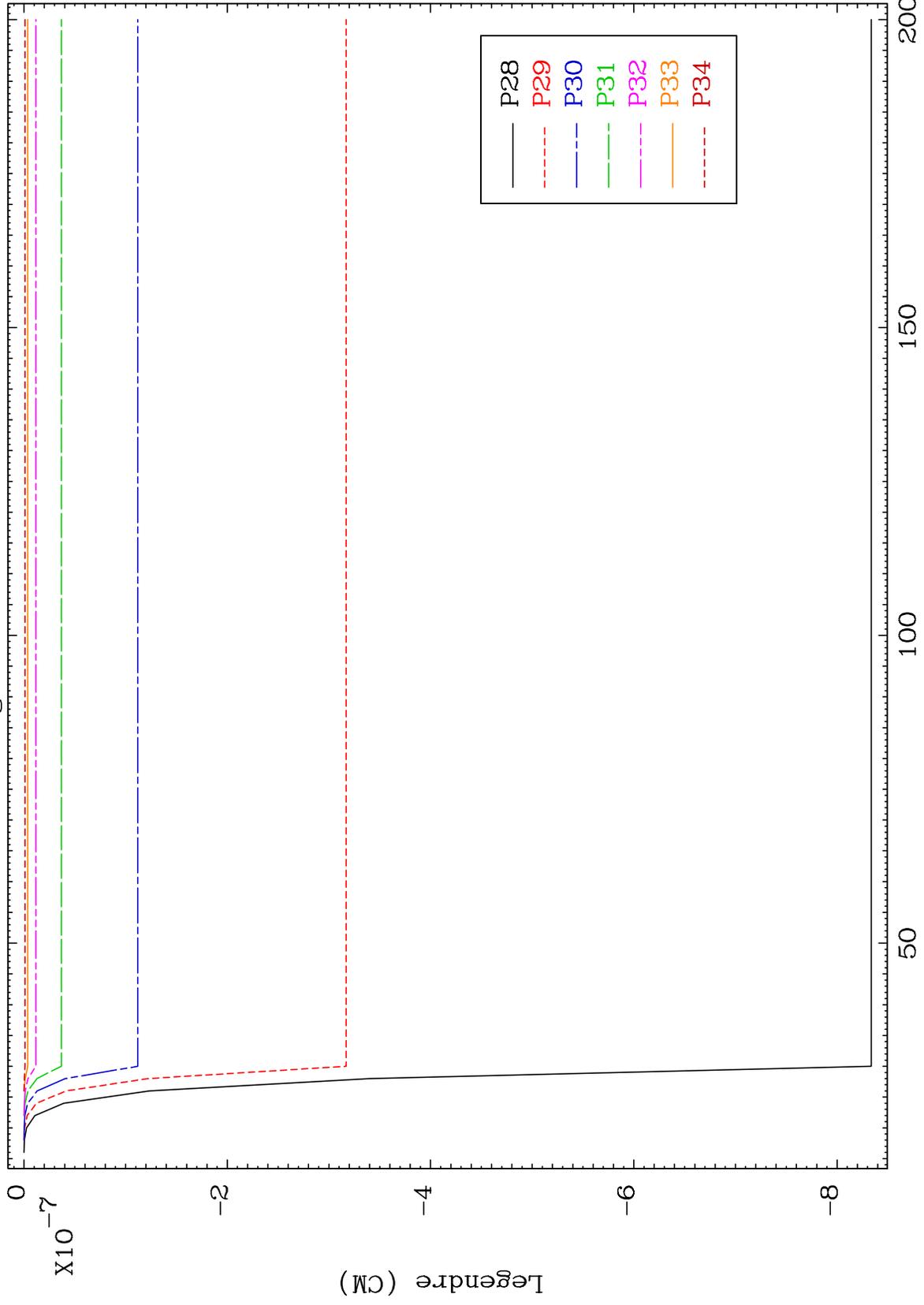
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

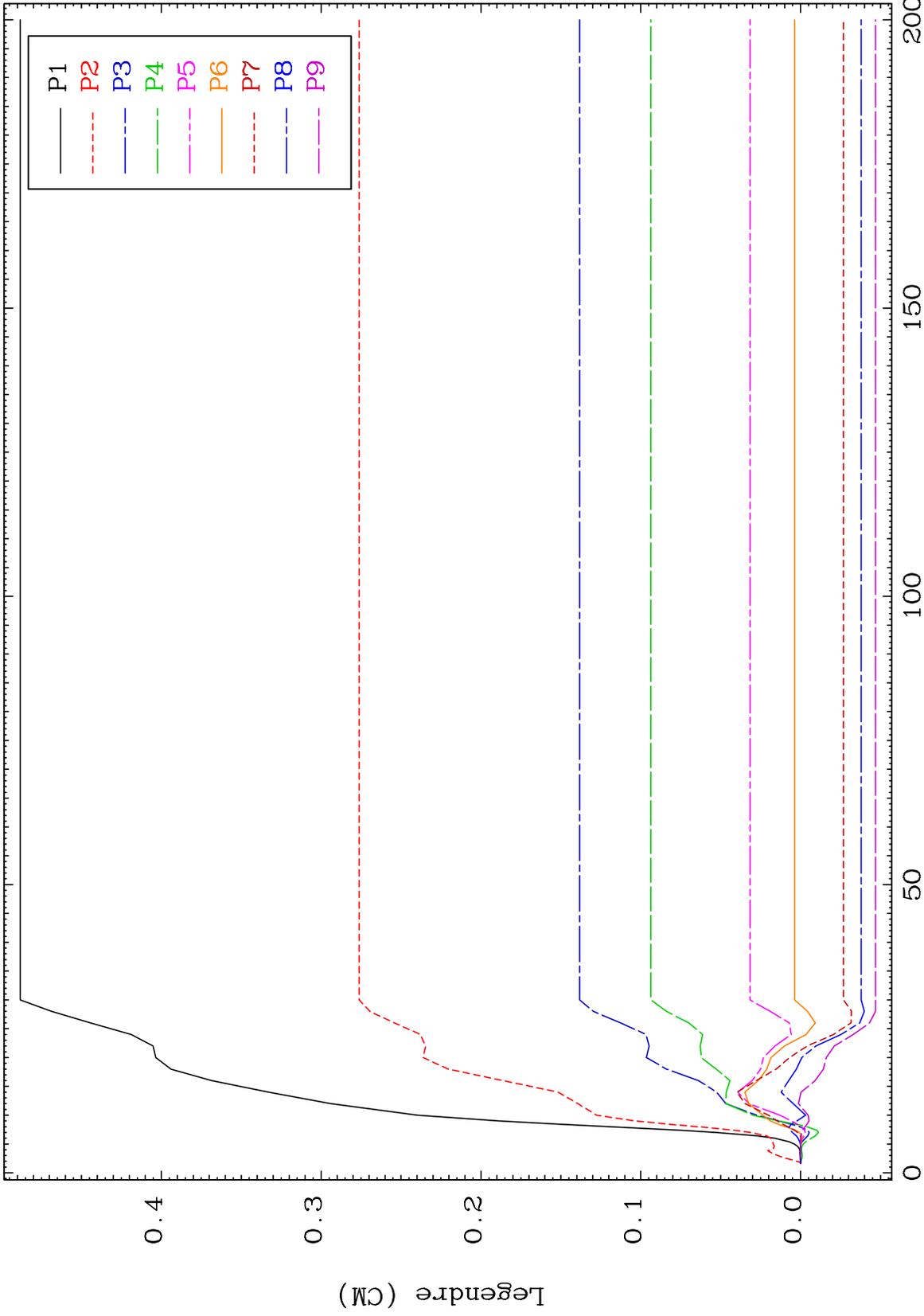
Incident Energy (MeV)

41

MAT 4967

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

49-In-127



42

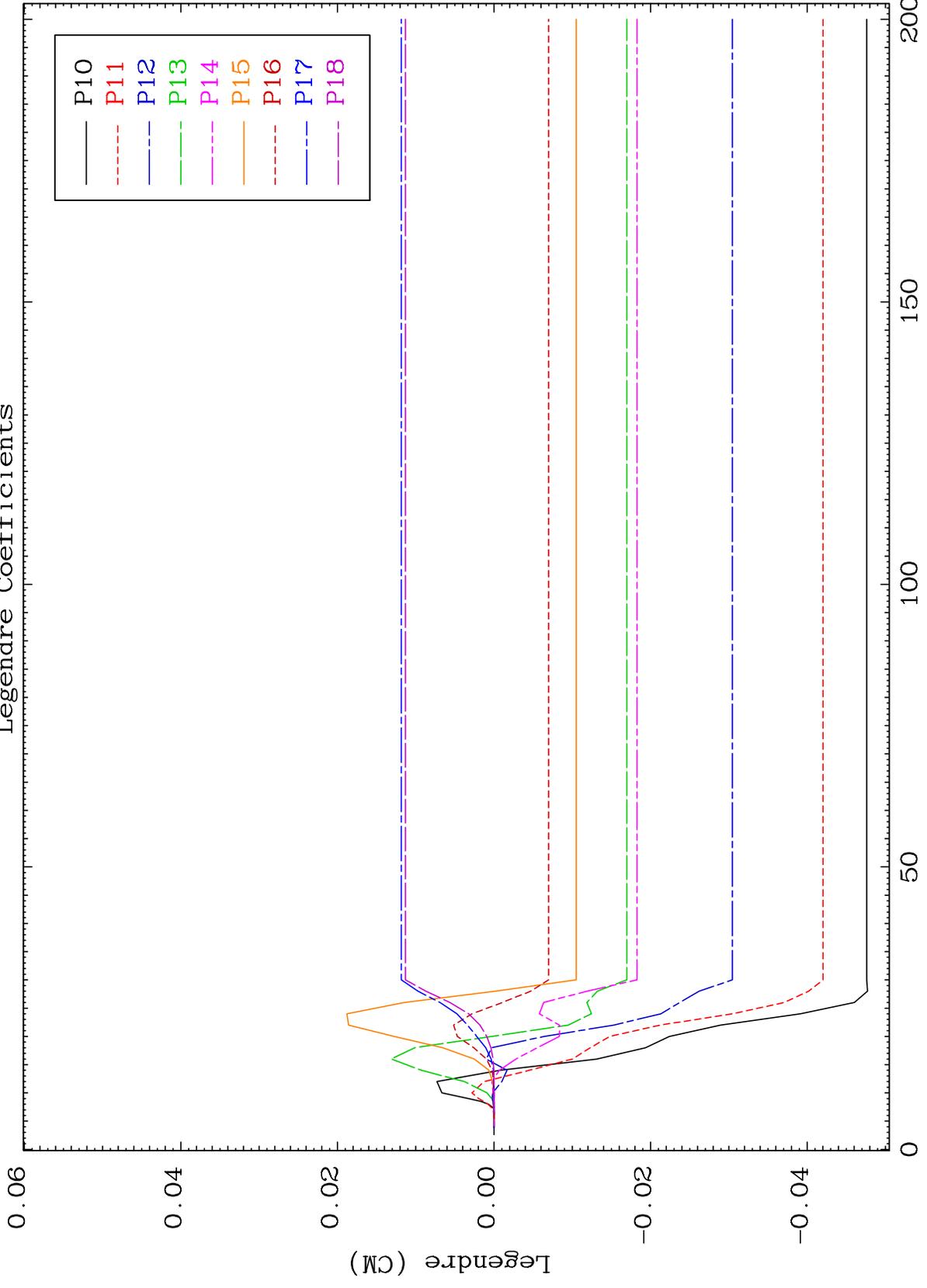
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

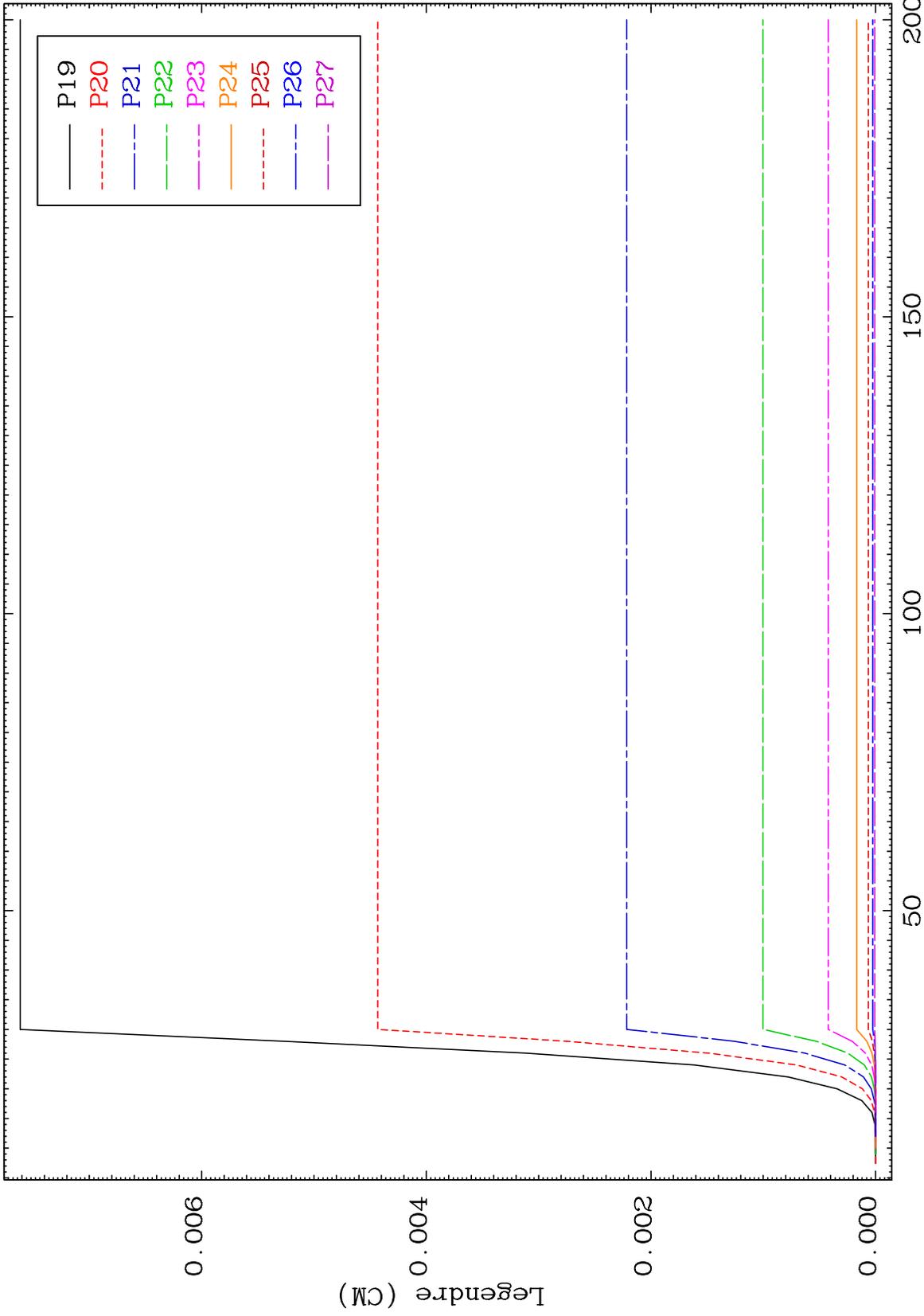
Incident Energy (MeV)

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MAT 4967

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

49-In-127



44

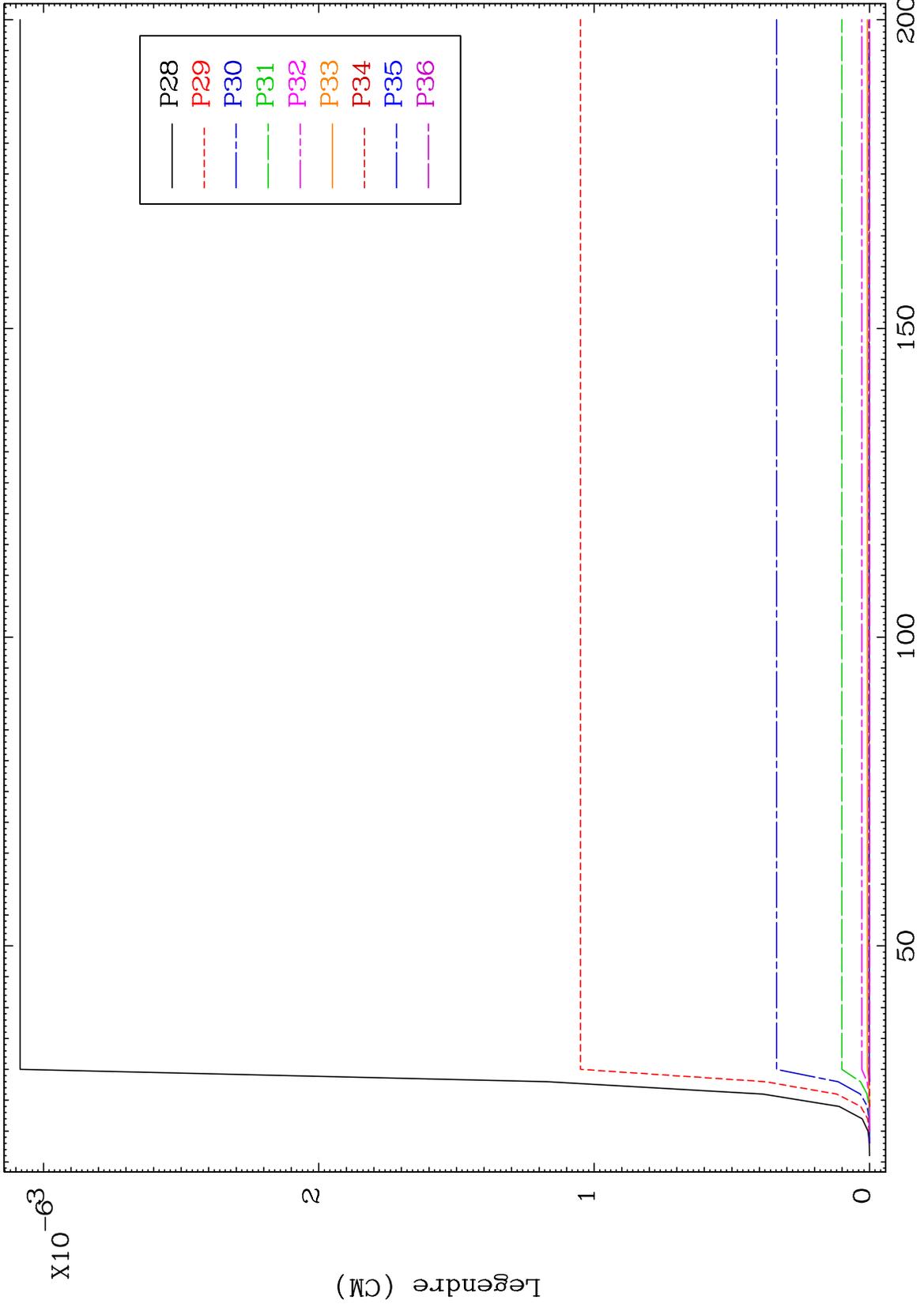
Incident Energy (MeV)

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MAT 4967

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

49-In-127



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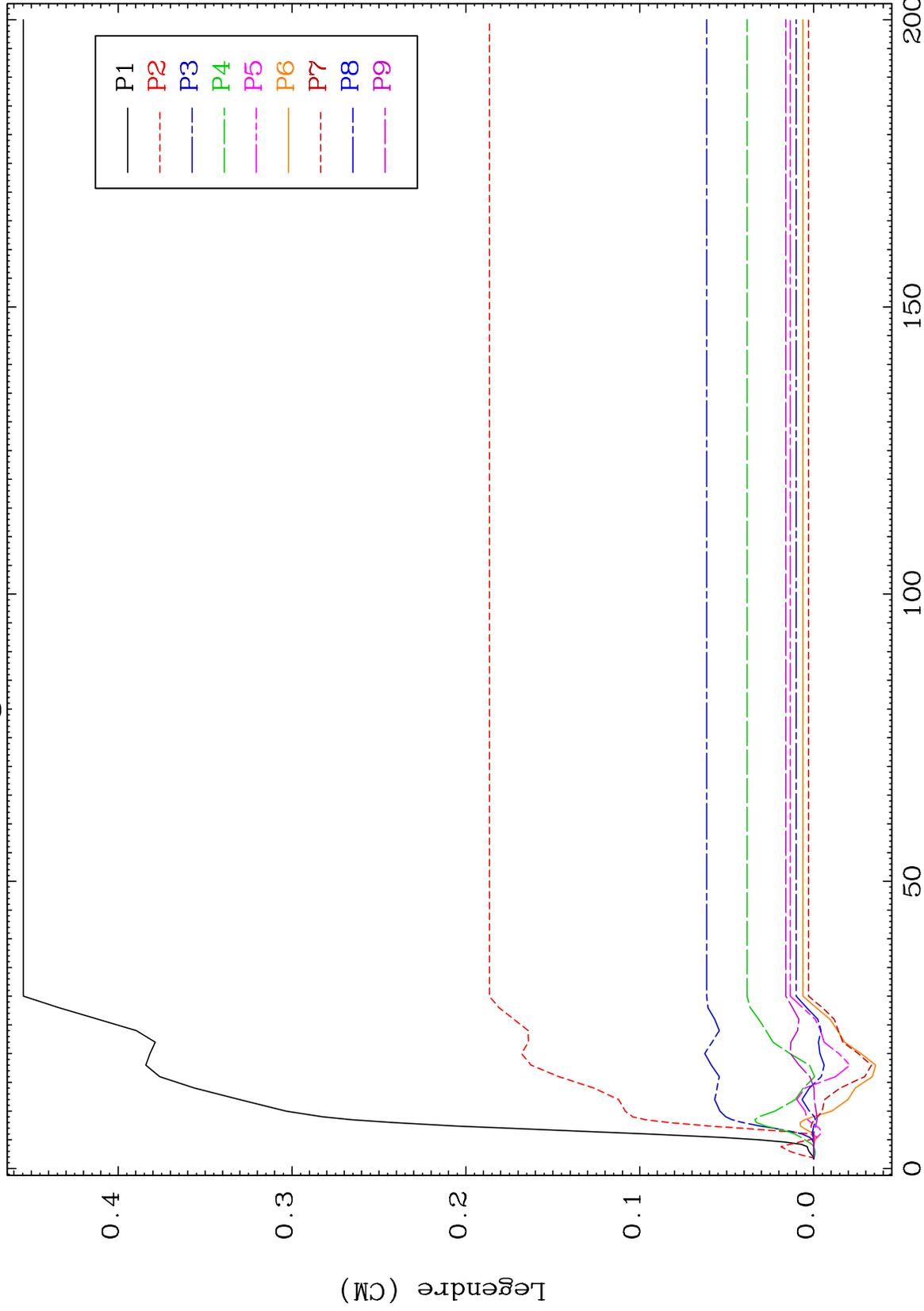
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



46

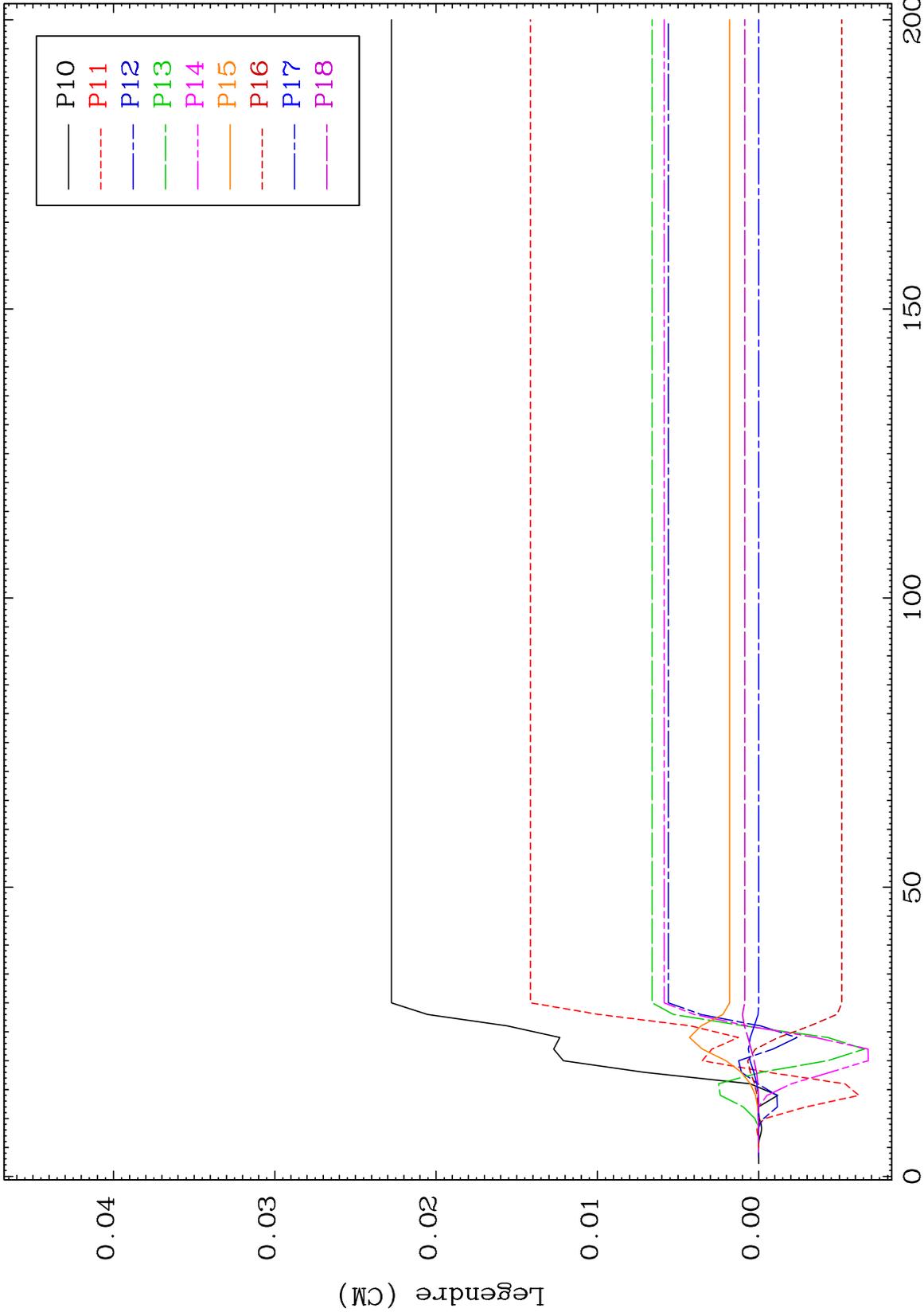
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



47

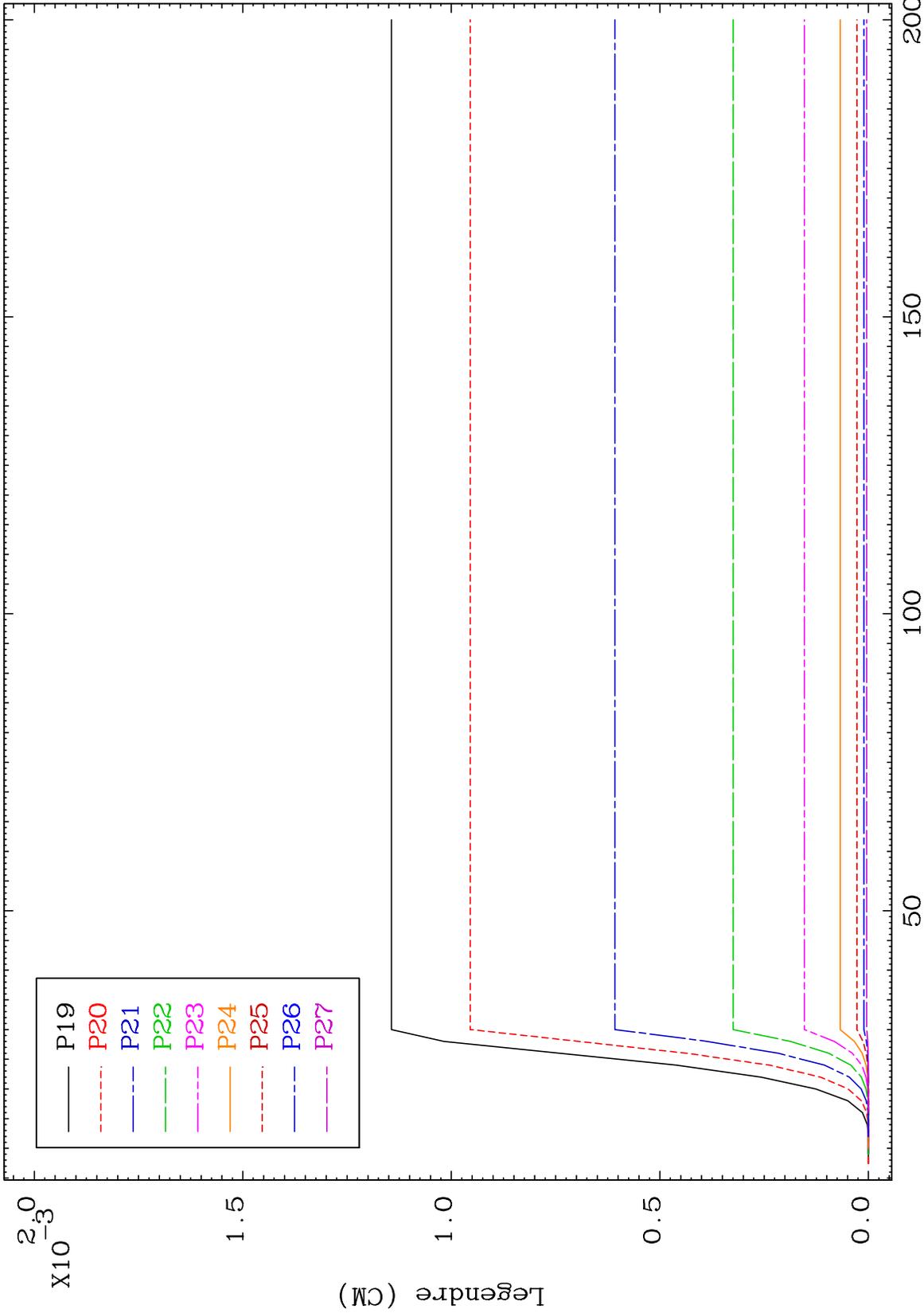
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



48

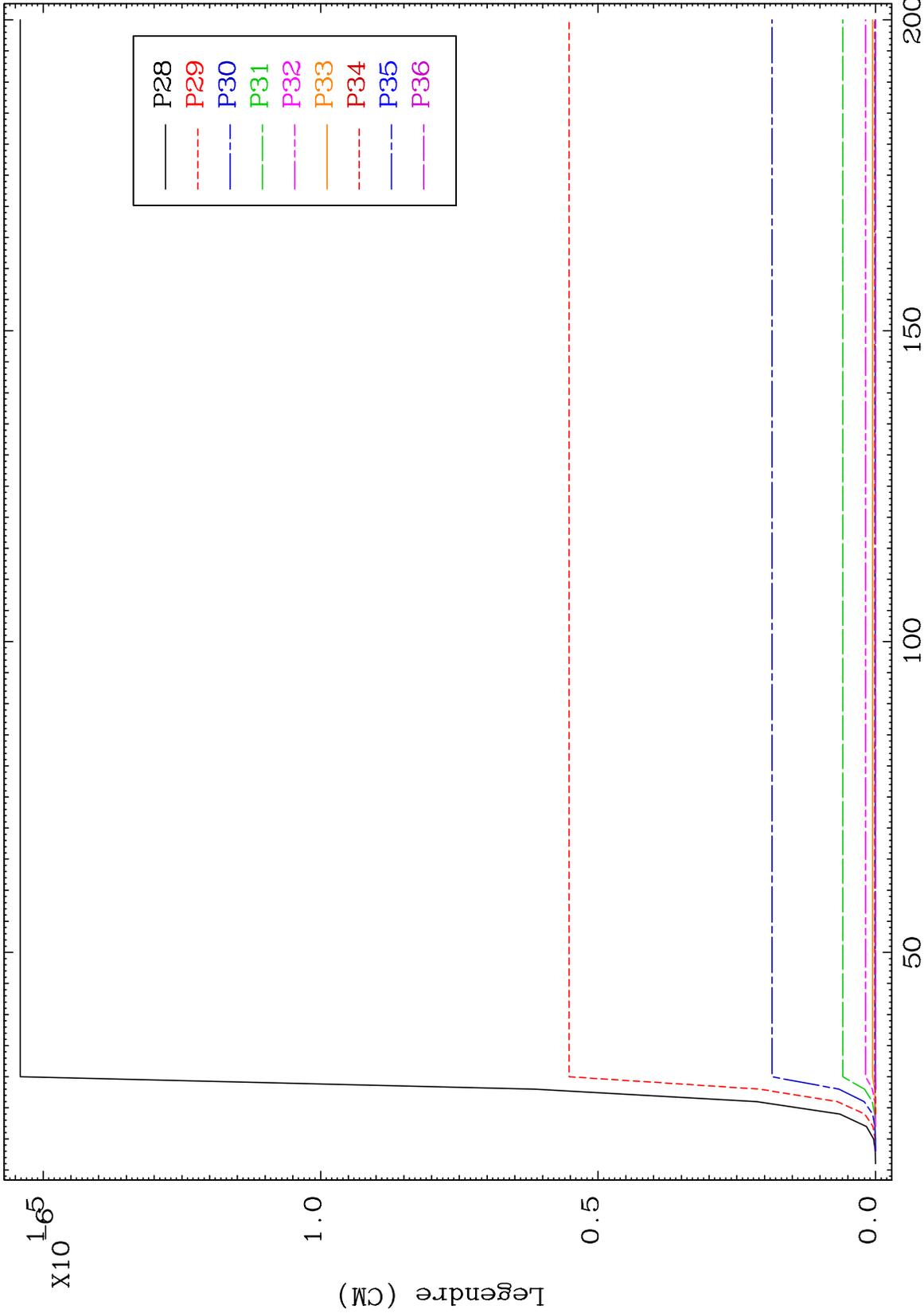
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



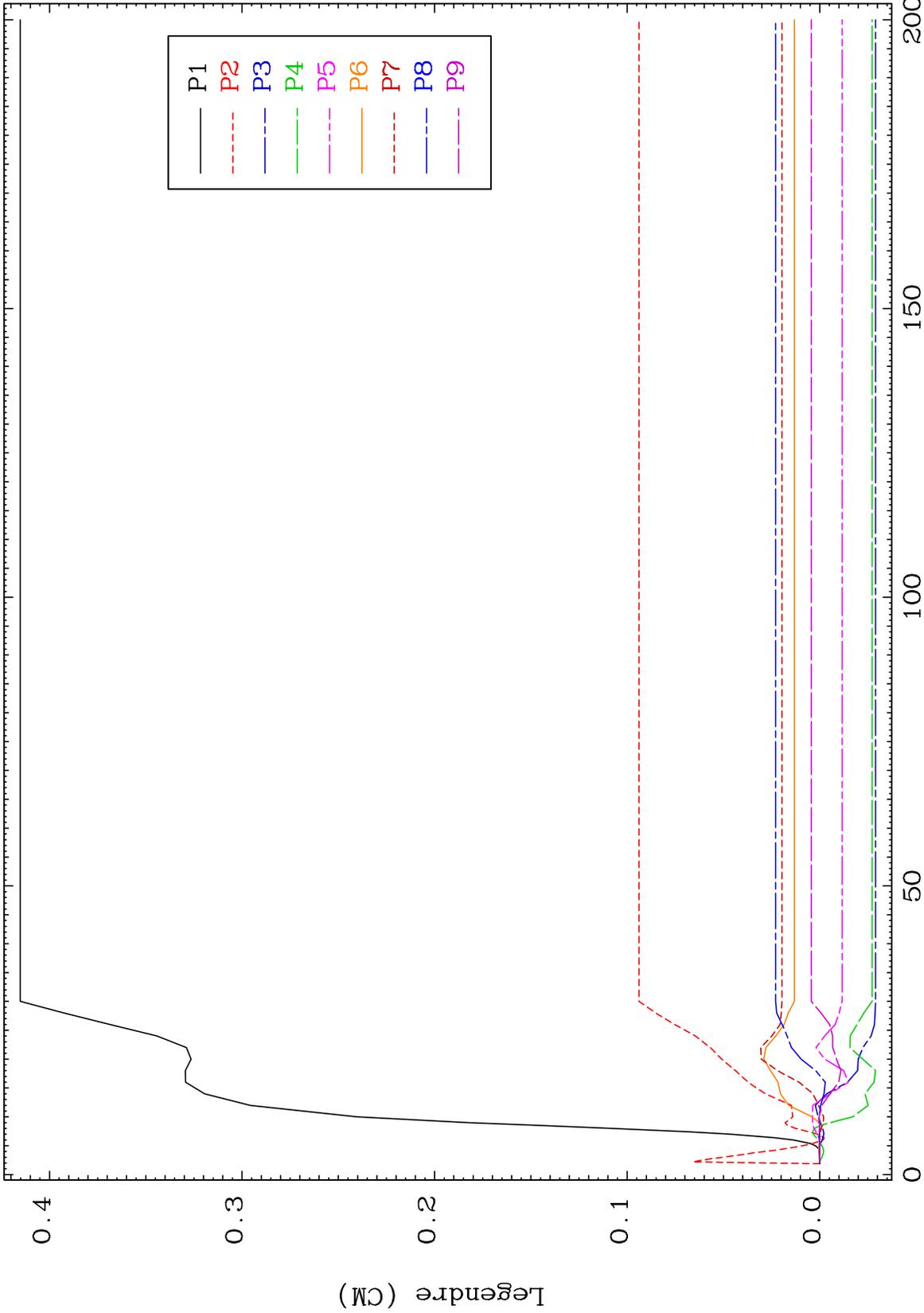
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49-In-127

MAT 4967

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

49-In-127

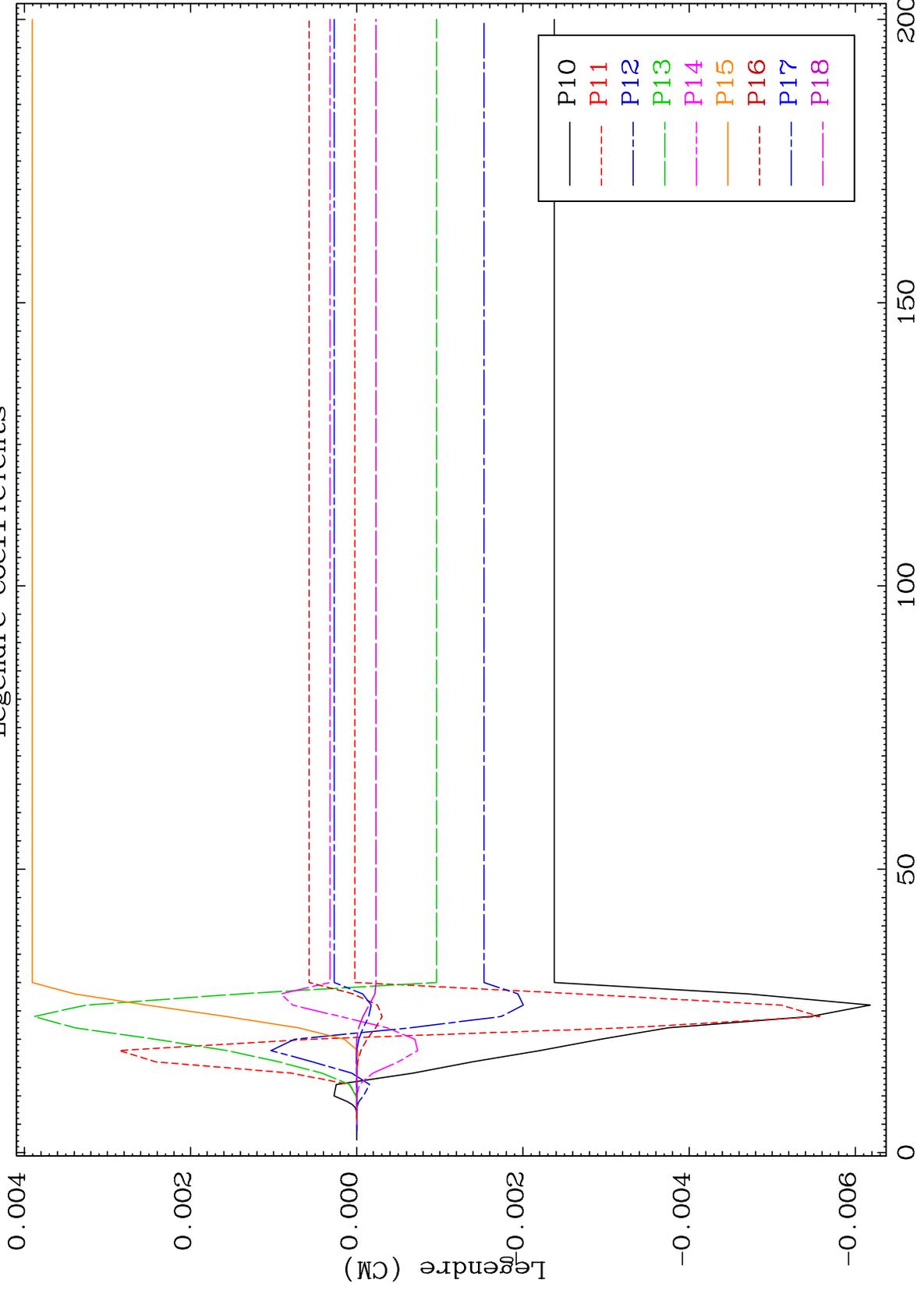


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Incident Energy (MeV)

49-In-127

MAT 4967 MT= 59 (n,n') Level Legendre Coefficients 49-In-127

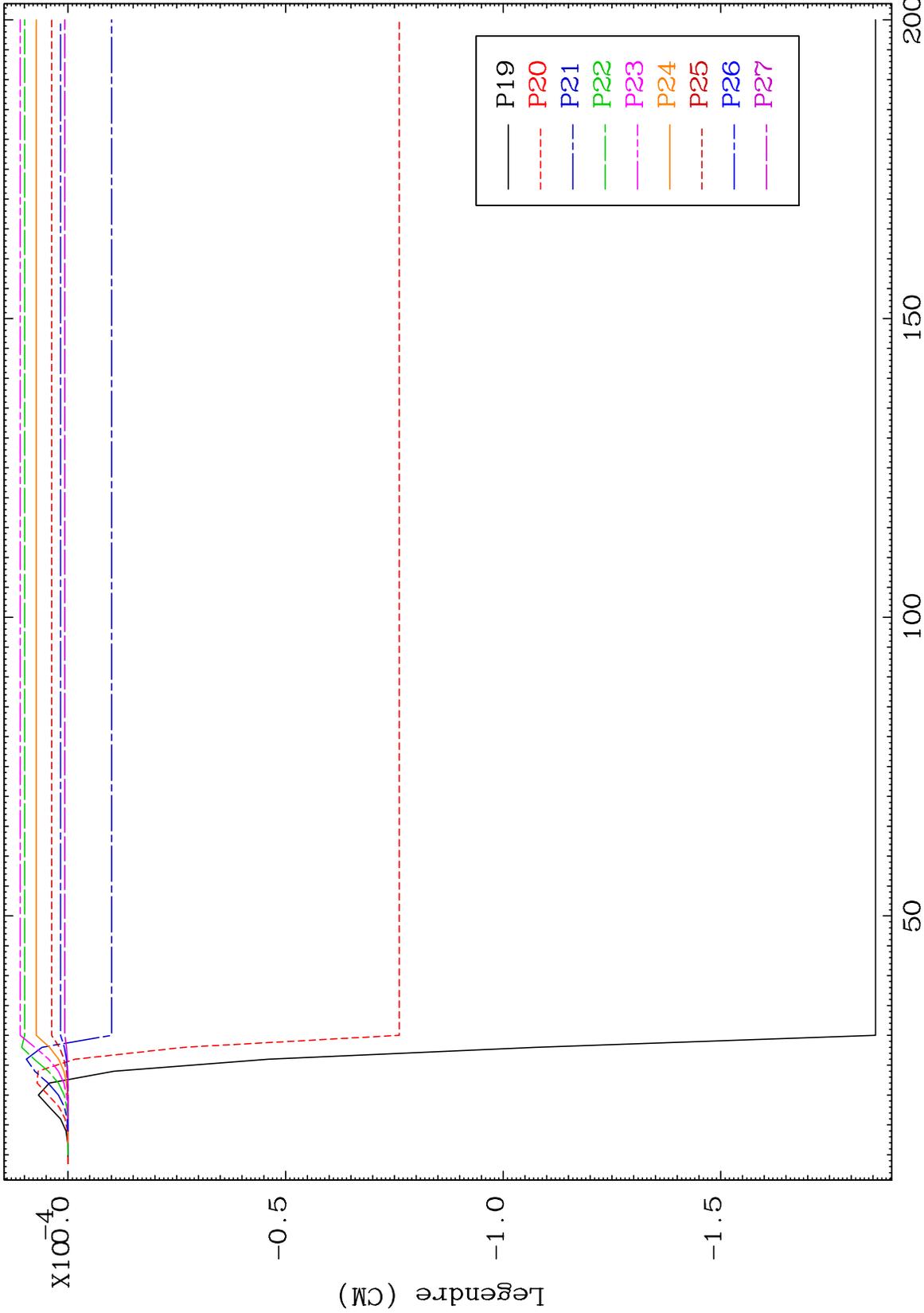


51 49-In-127

MAT 4967

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

49-In-127



52

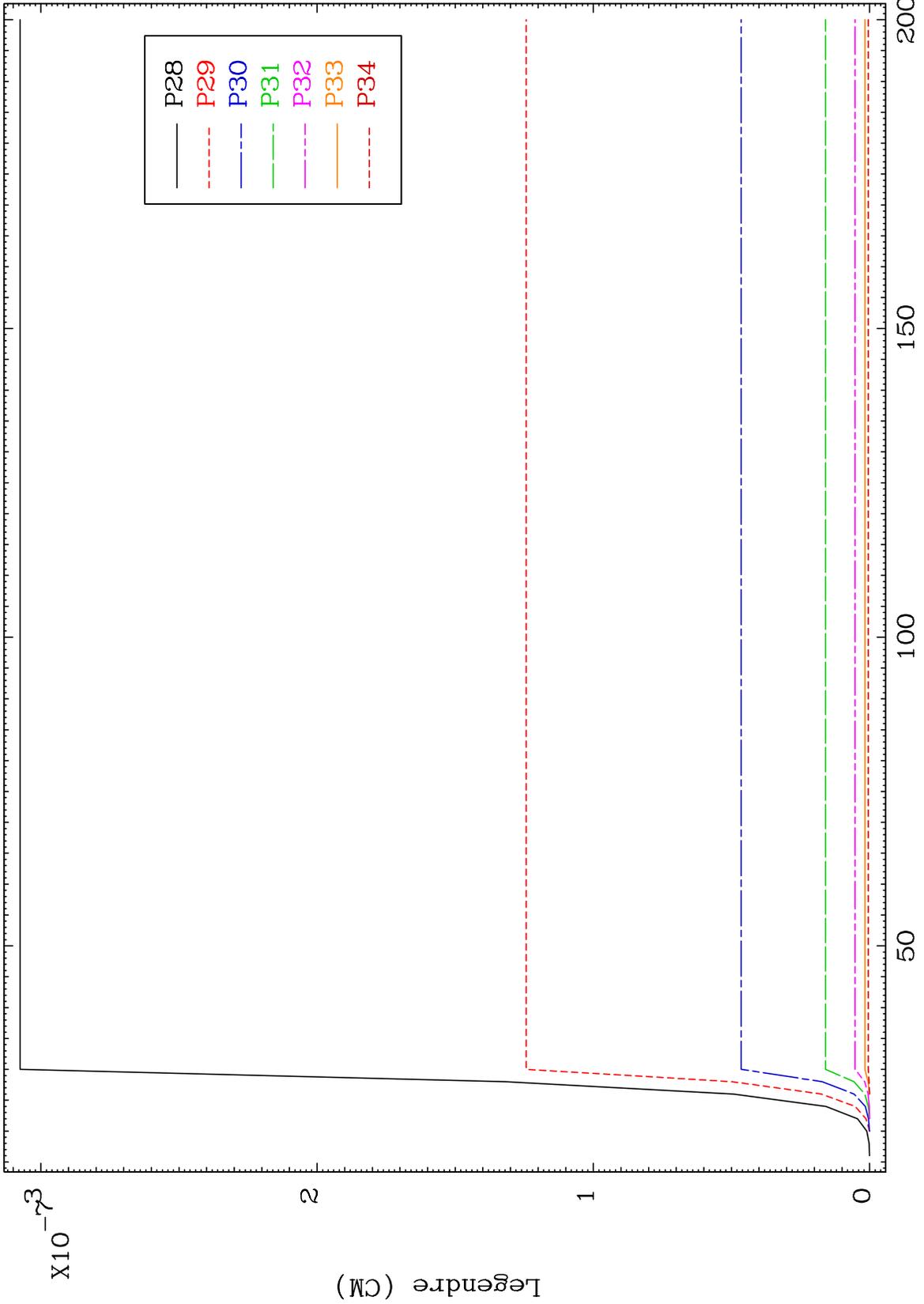
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



53

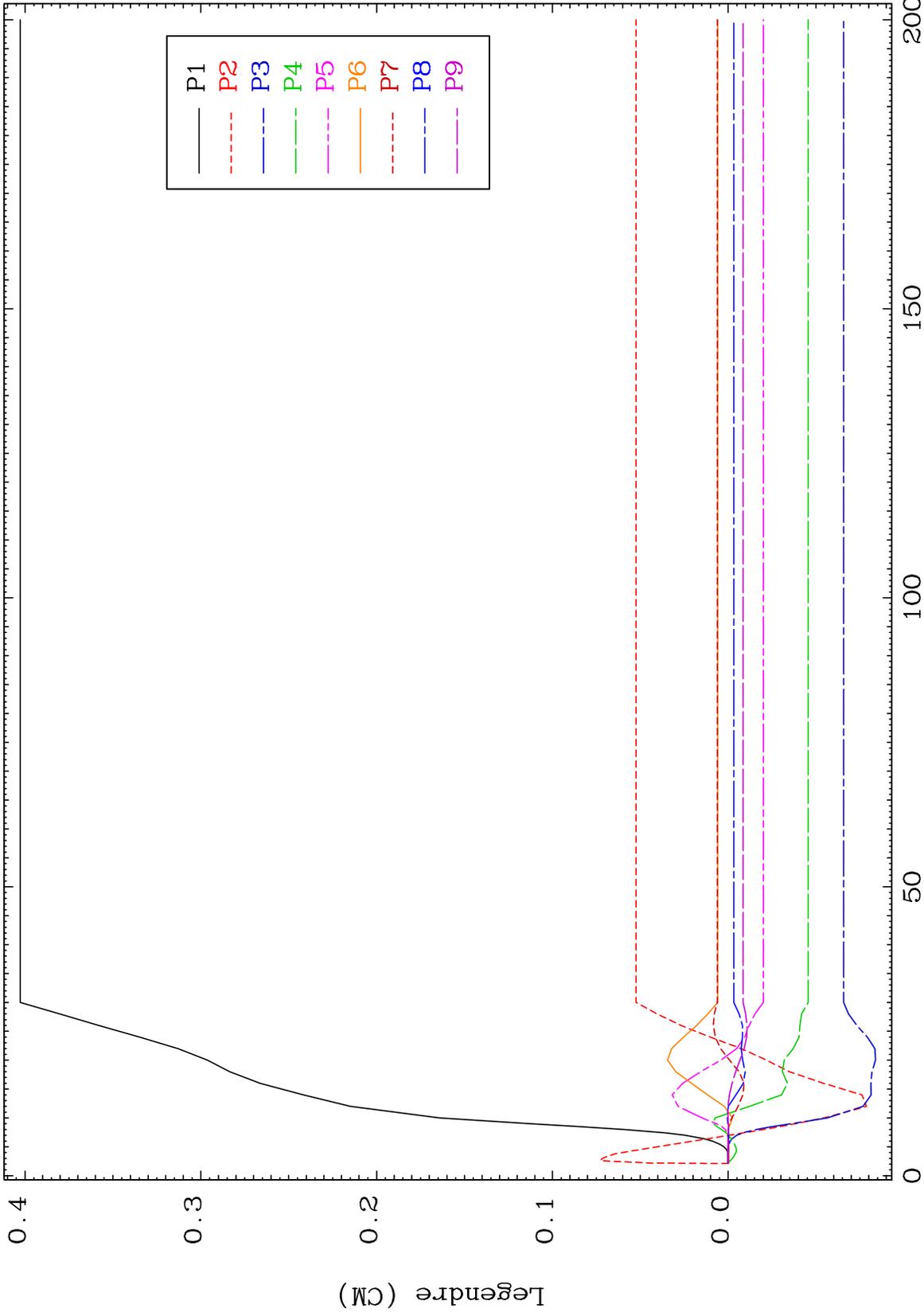
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



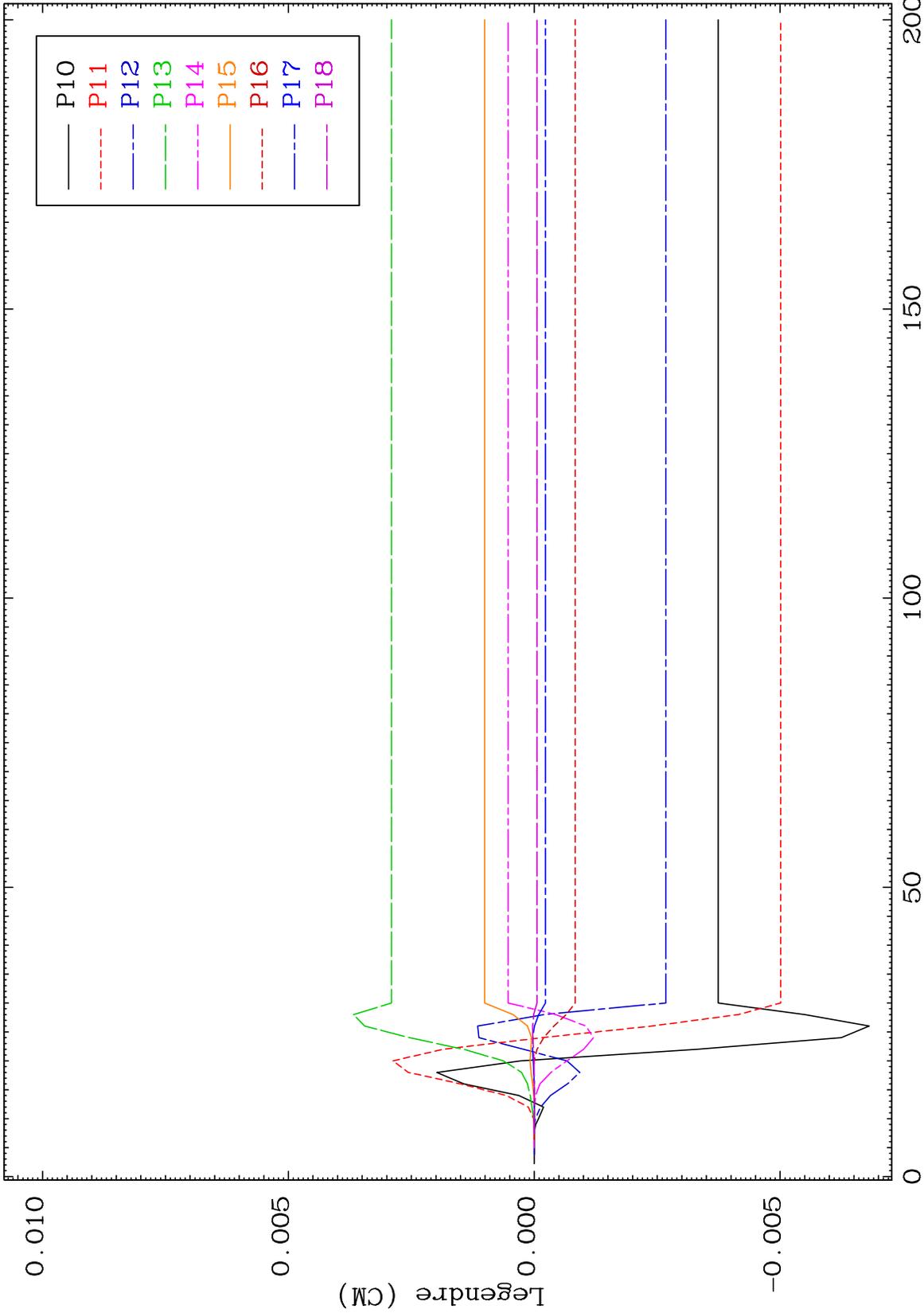
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49-In-127

MAT 4967

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

49-In-127



55

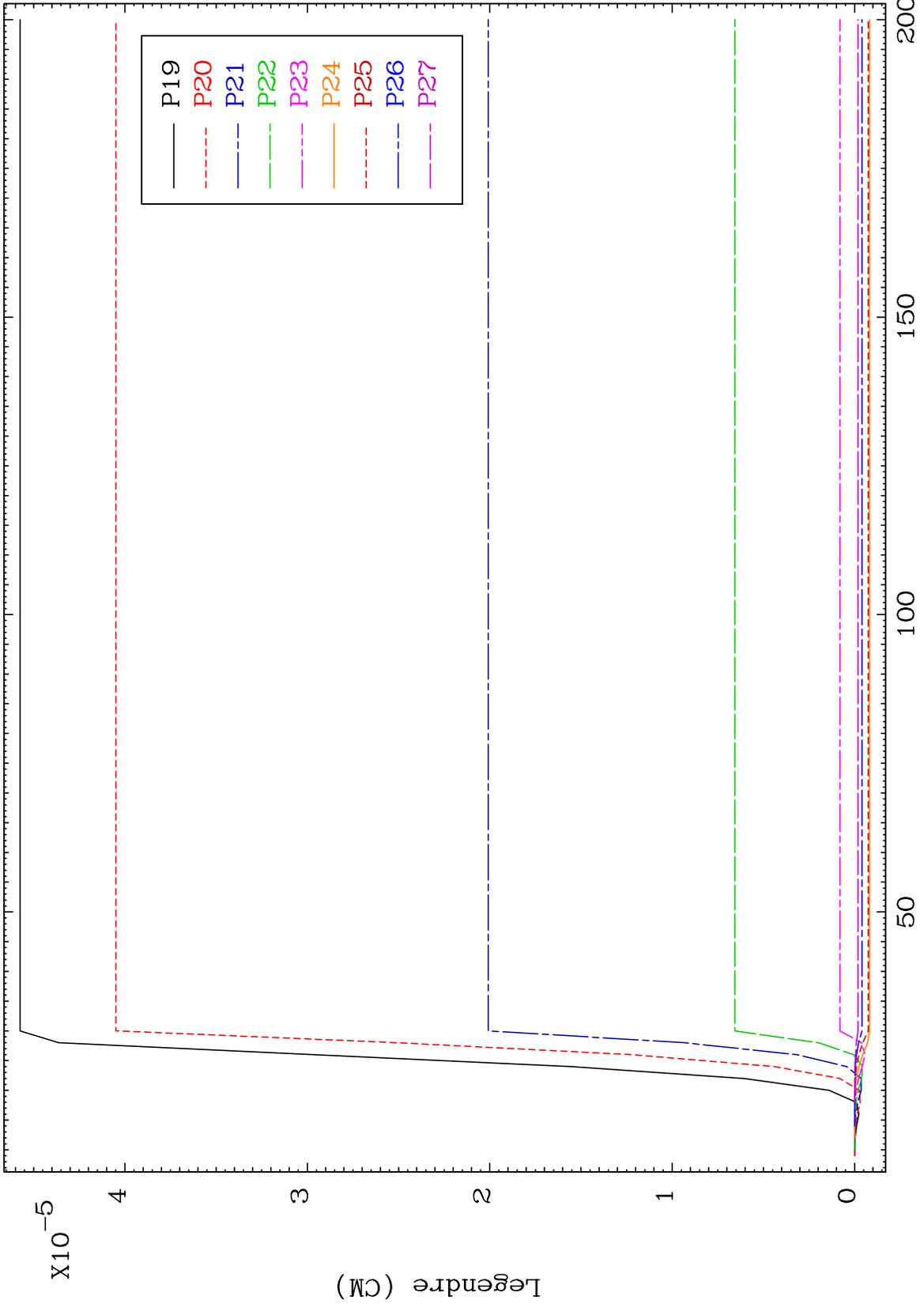
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



56

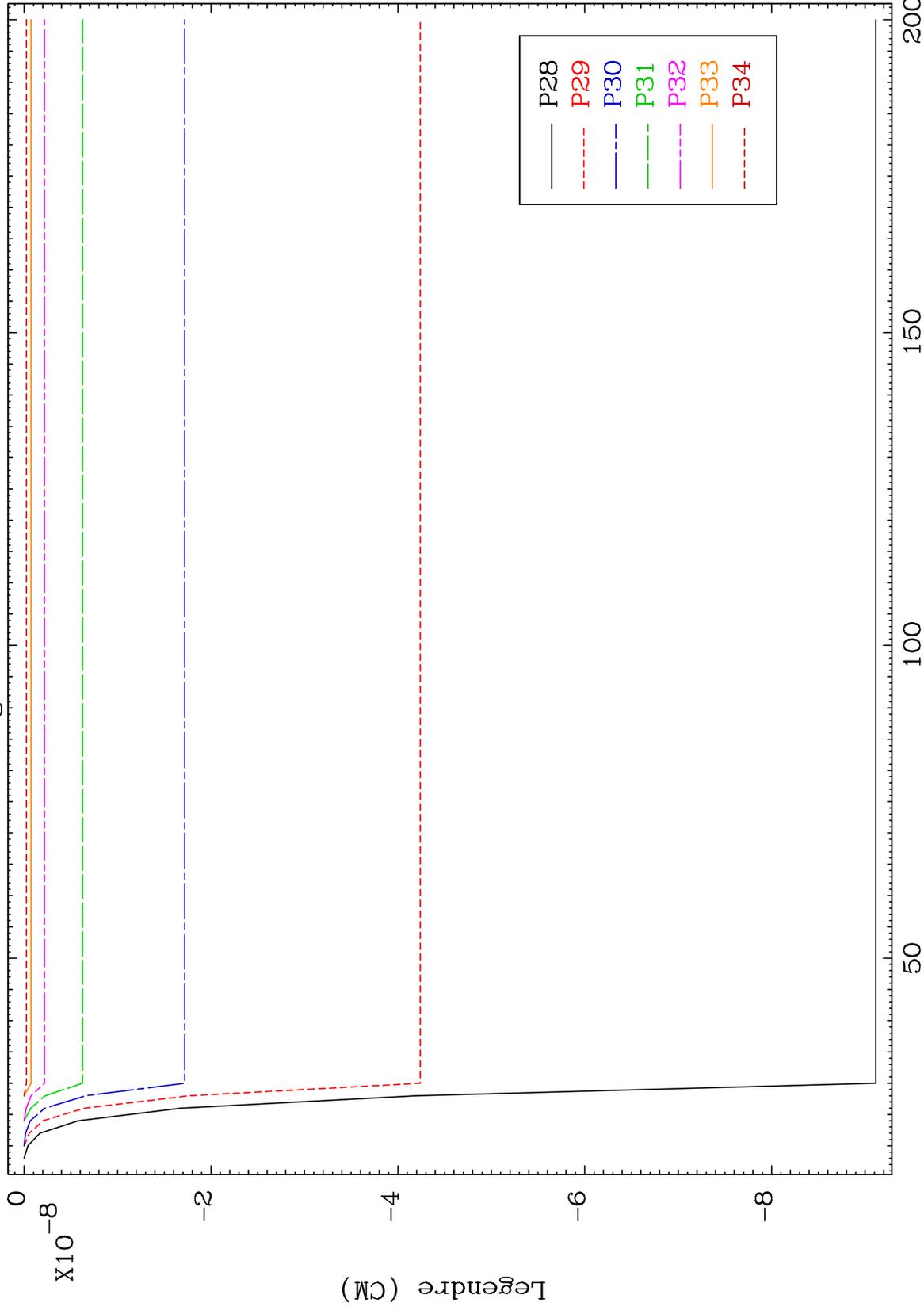
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



57

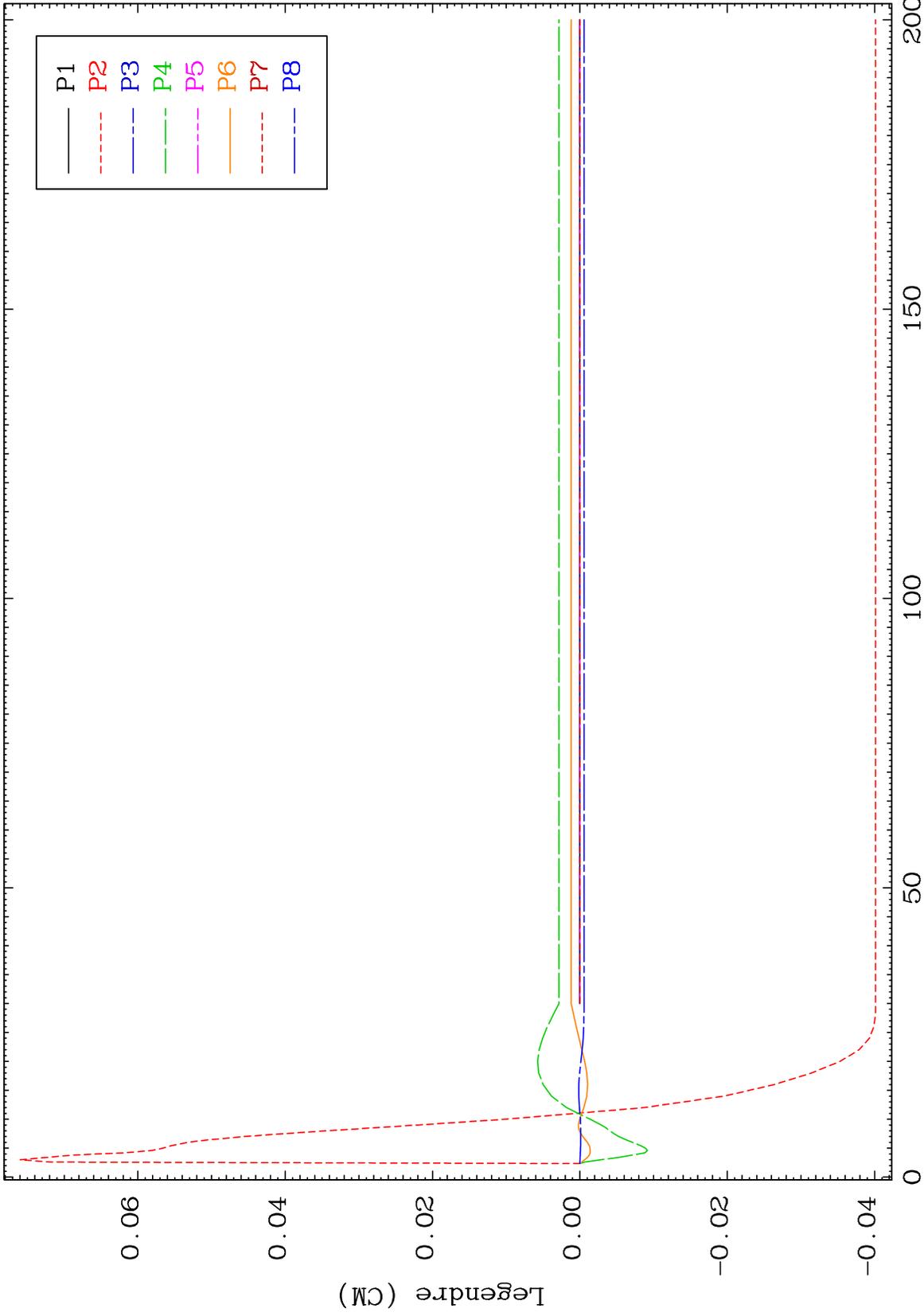
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



58

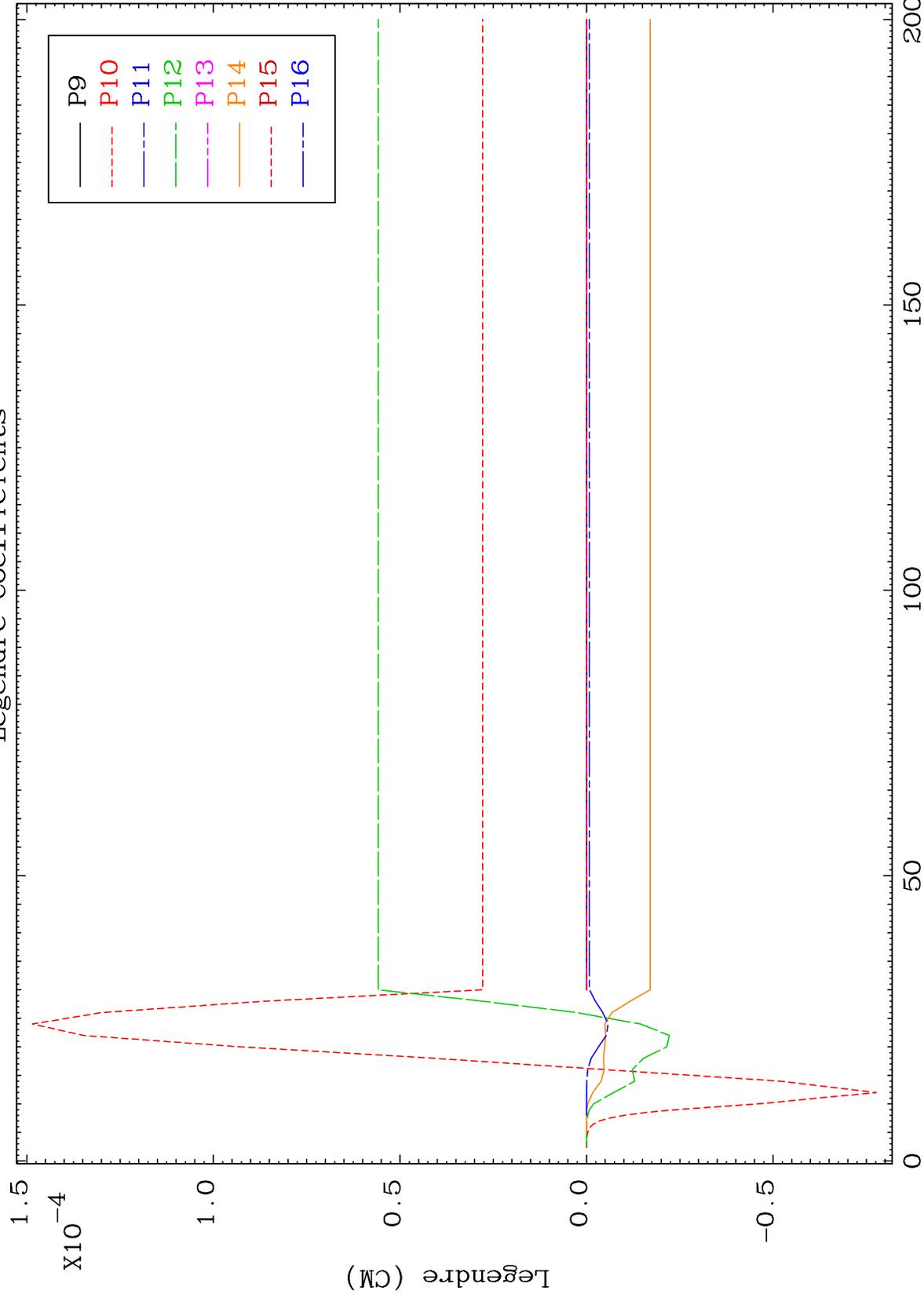
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



49-In-127

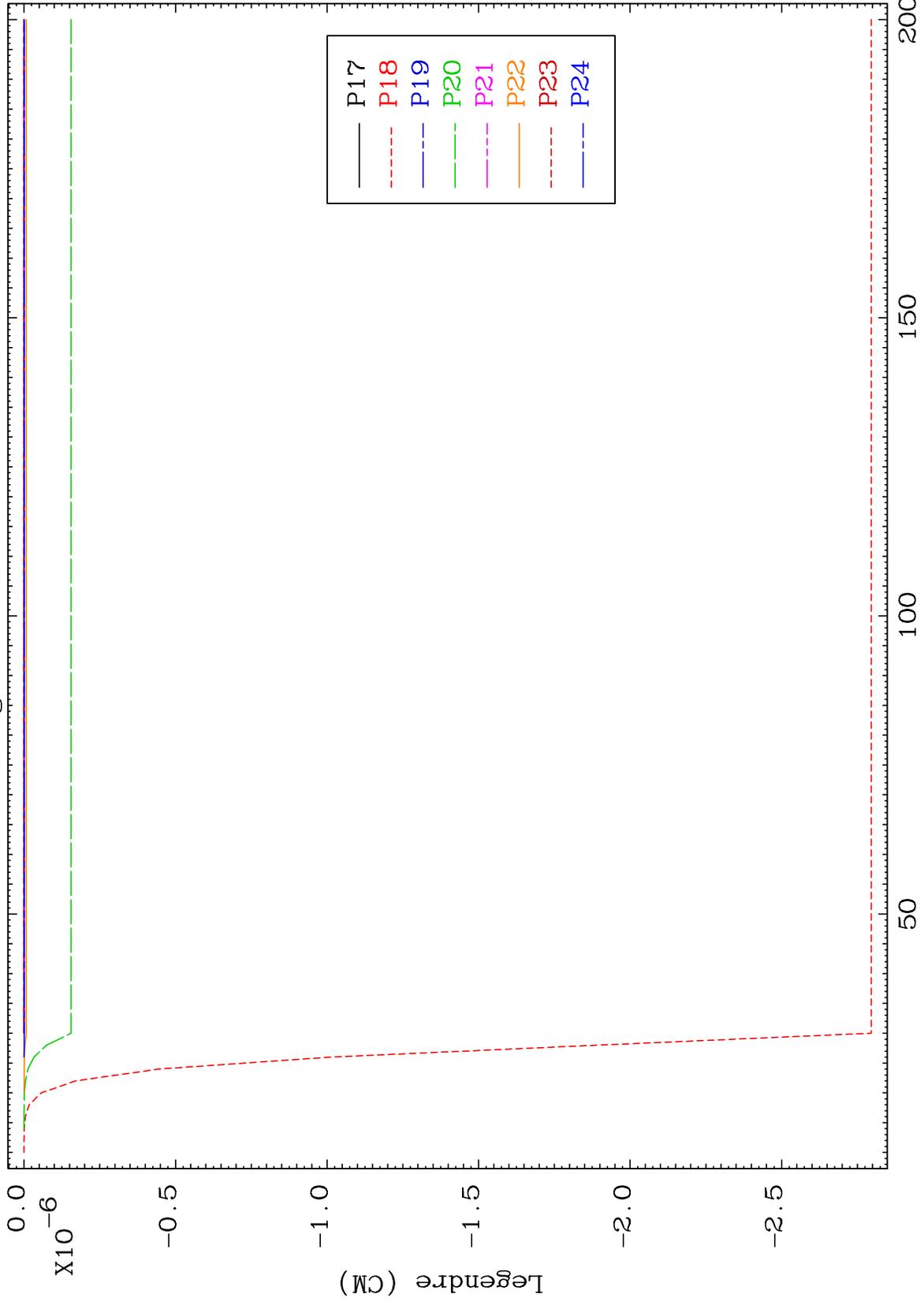
Incident Energy (MeV)

59

MAT 4967

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

49-In-127



49-In-127

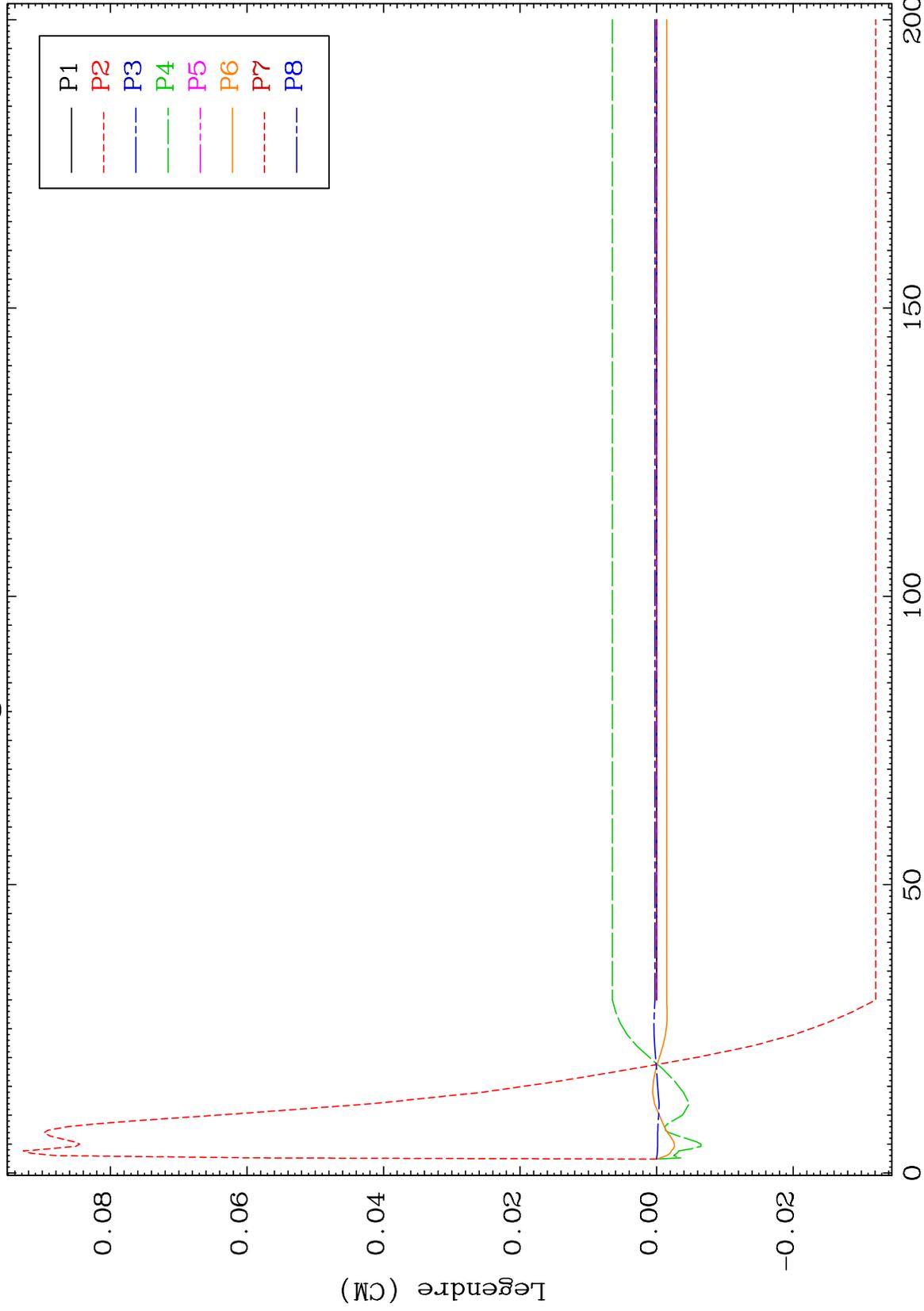
Incident Energy (MeV)

60

MAT 4967

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

49-In-127



61

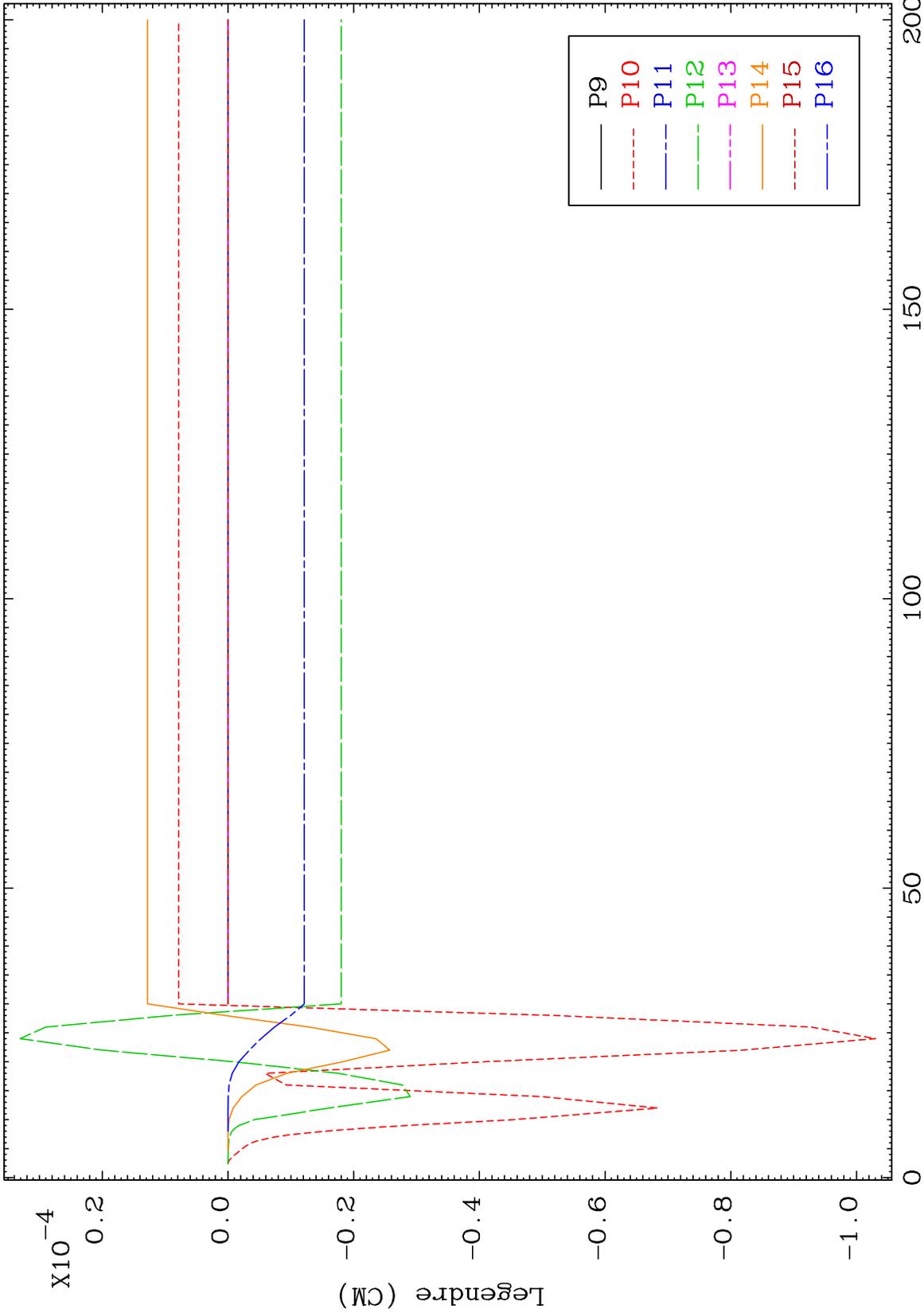
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



62

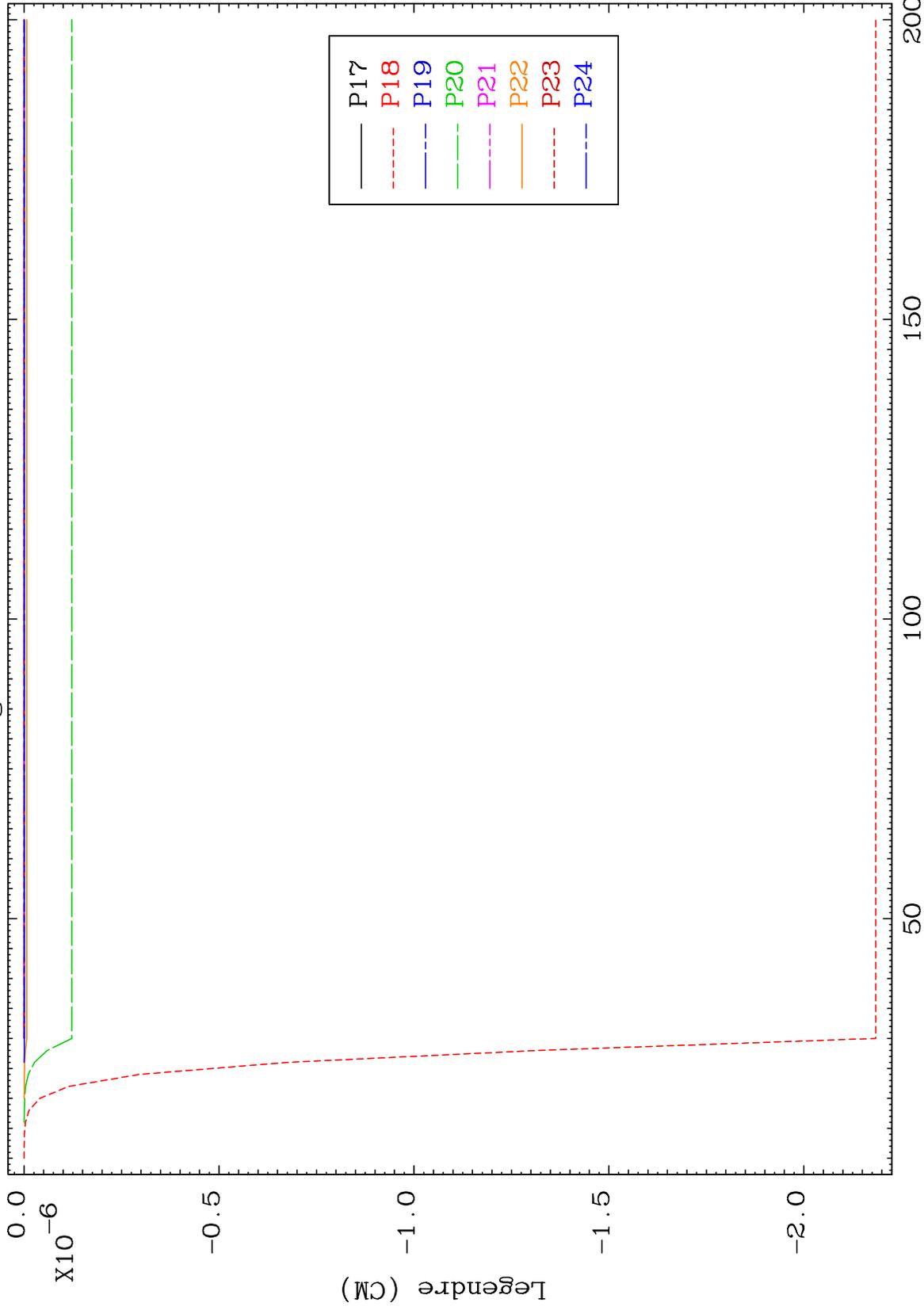
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



63

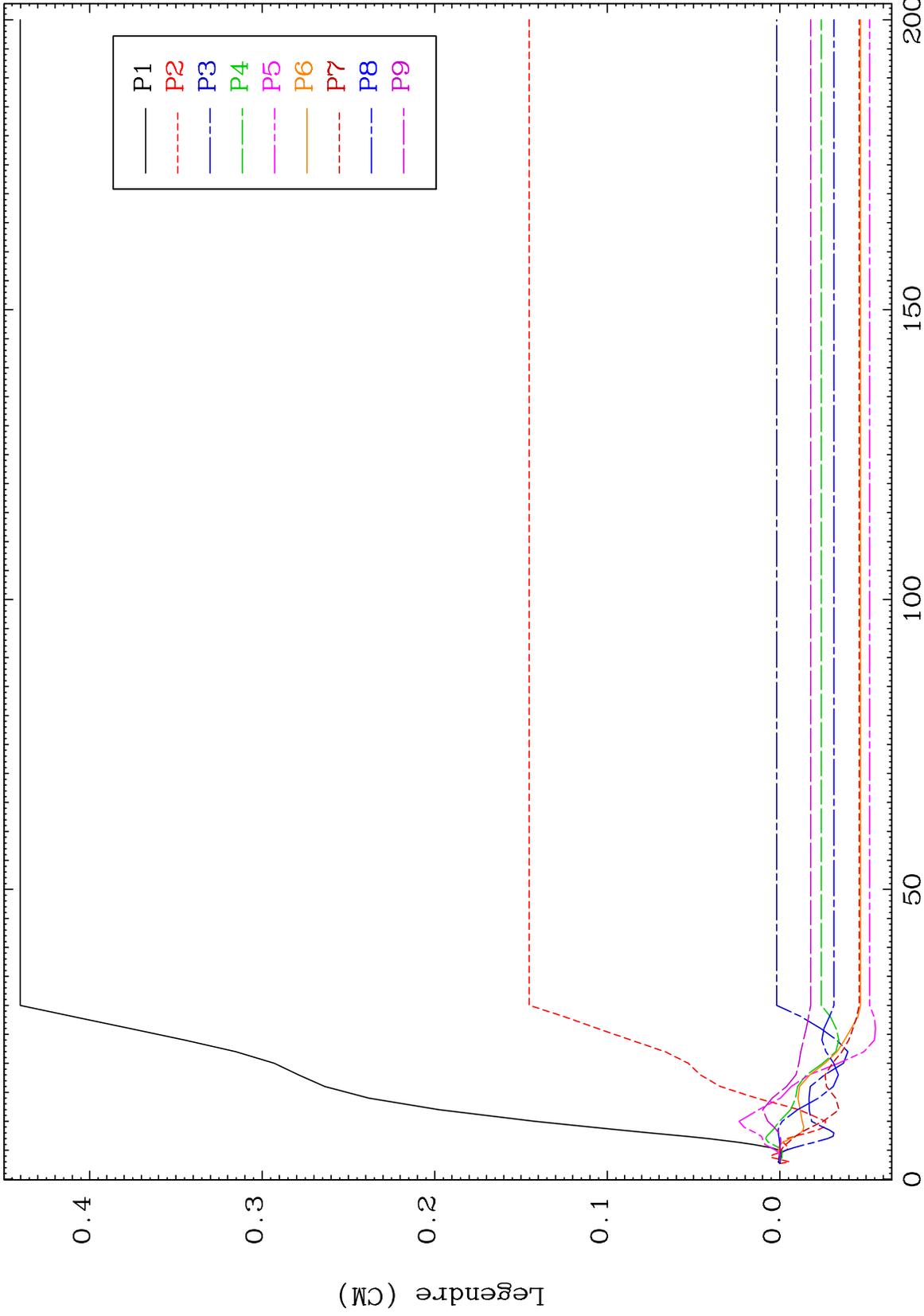
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



64

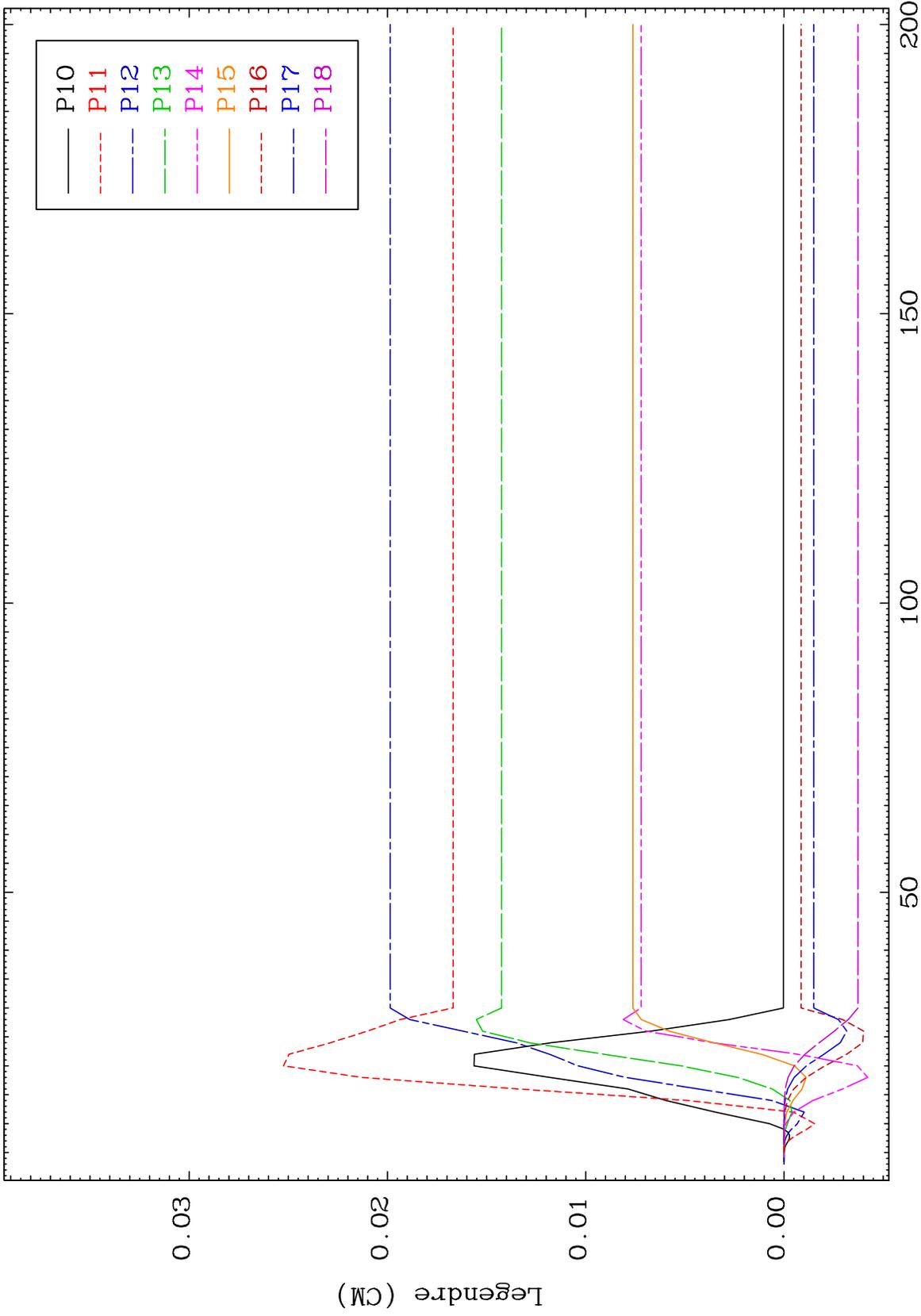
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



65

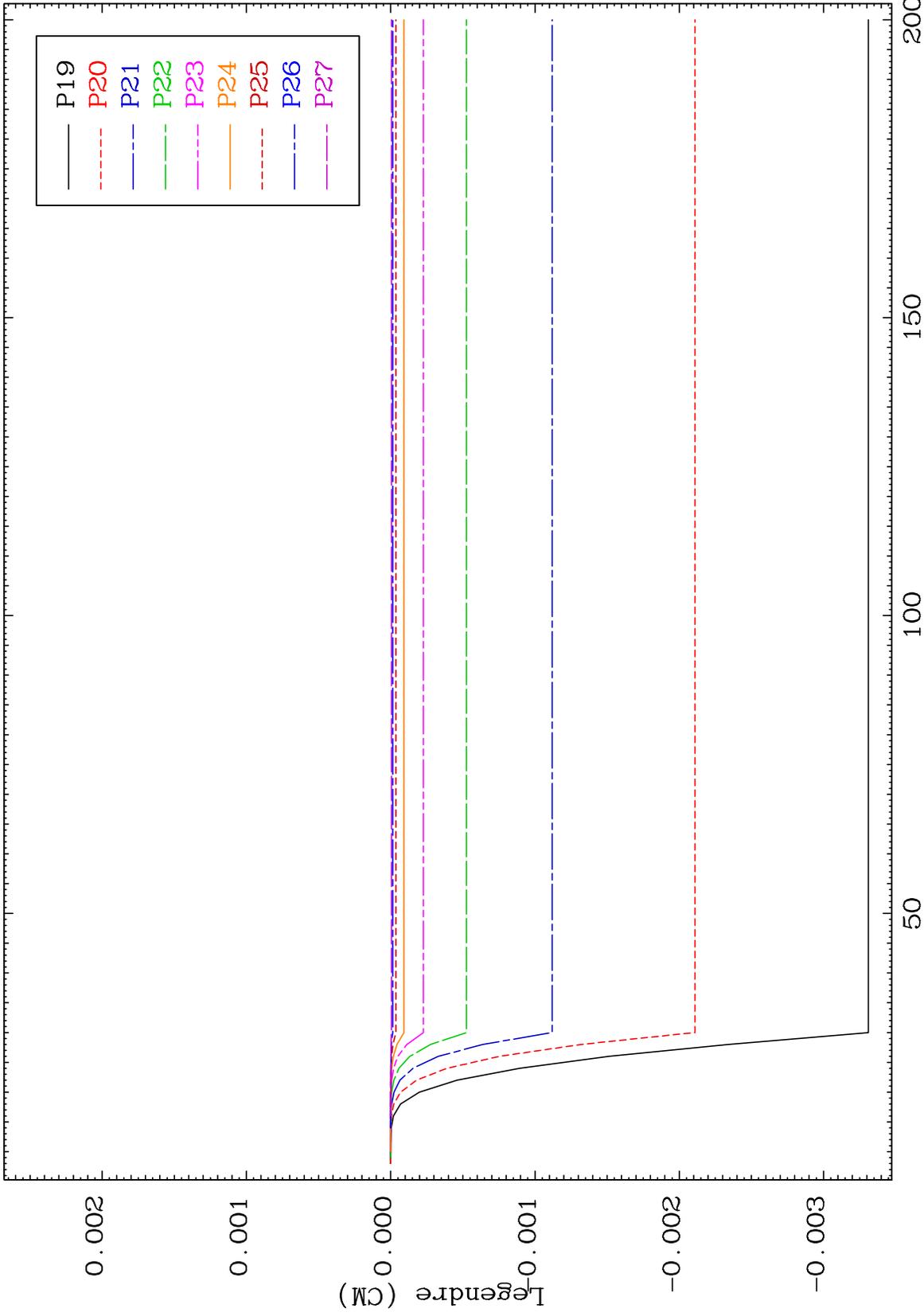
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



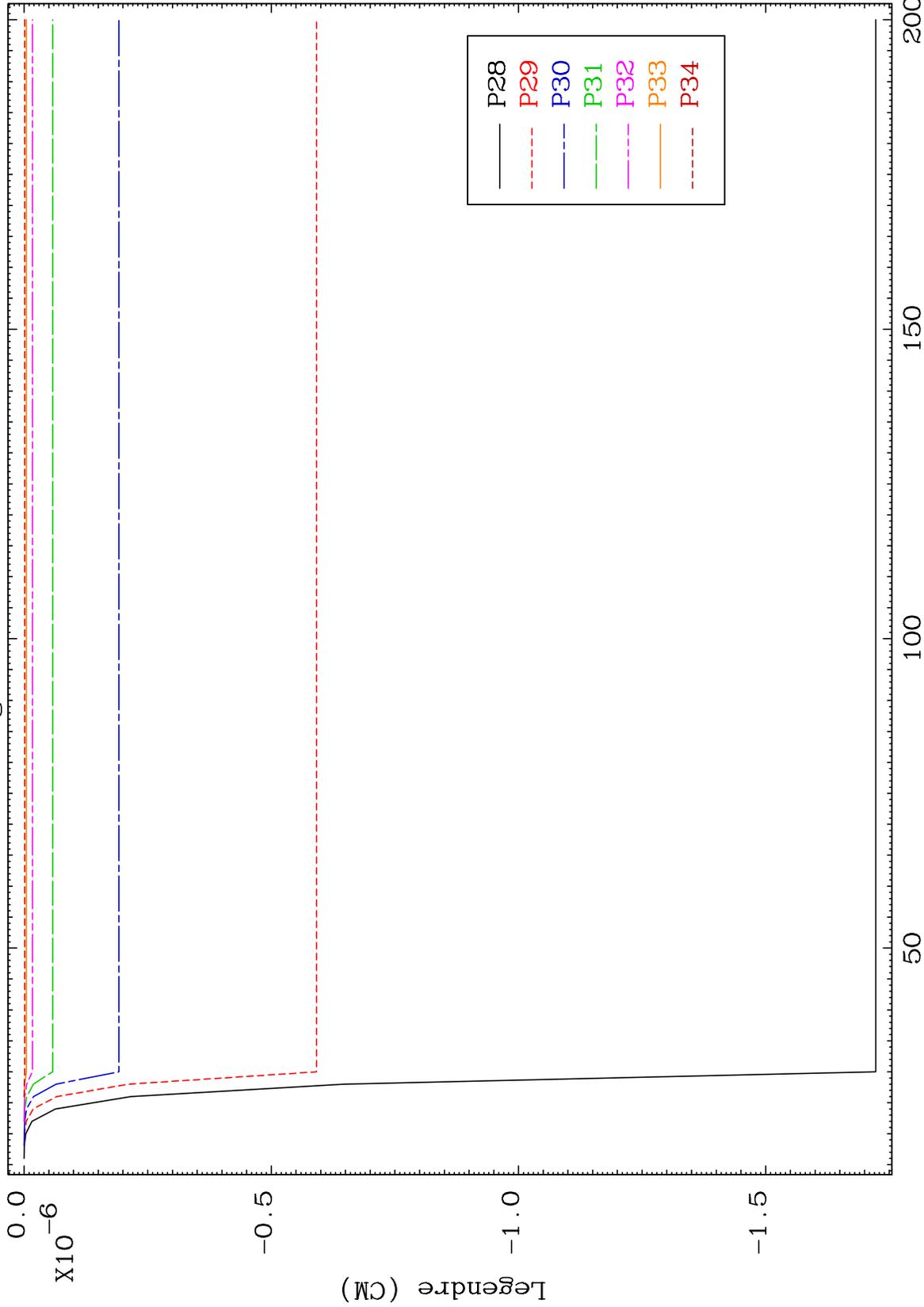
66

49-In-127

MAT 4967

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

49-In-127



67

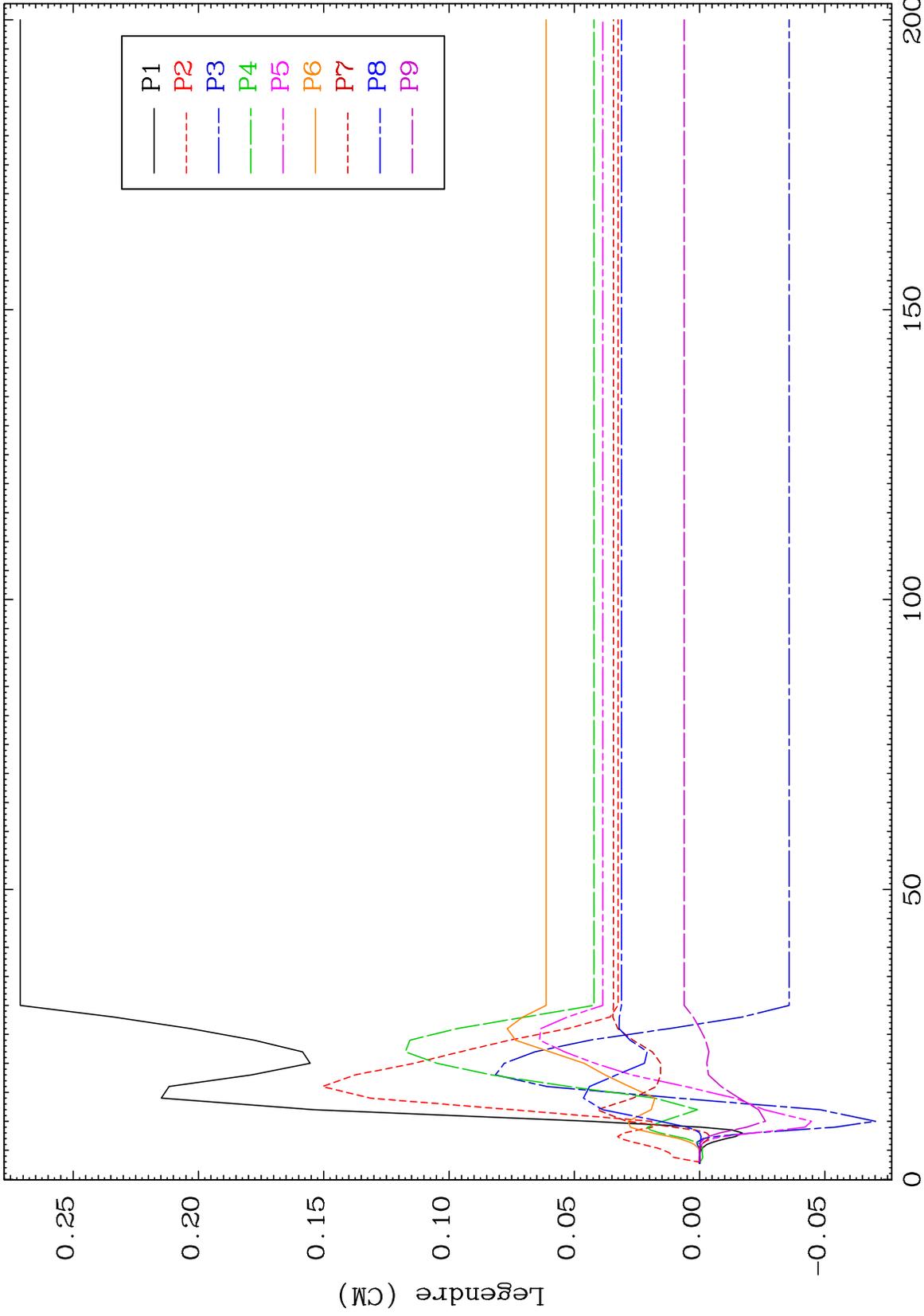
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



68

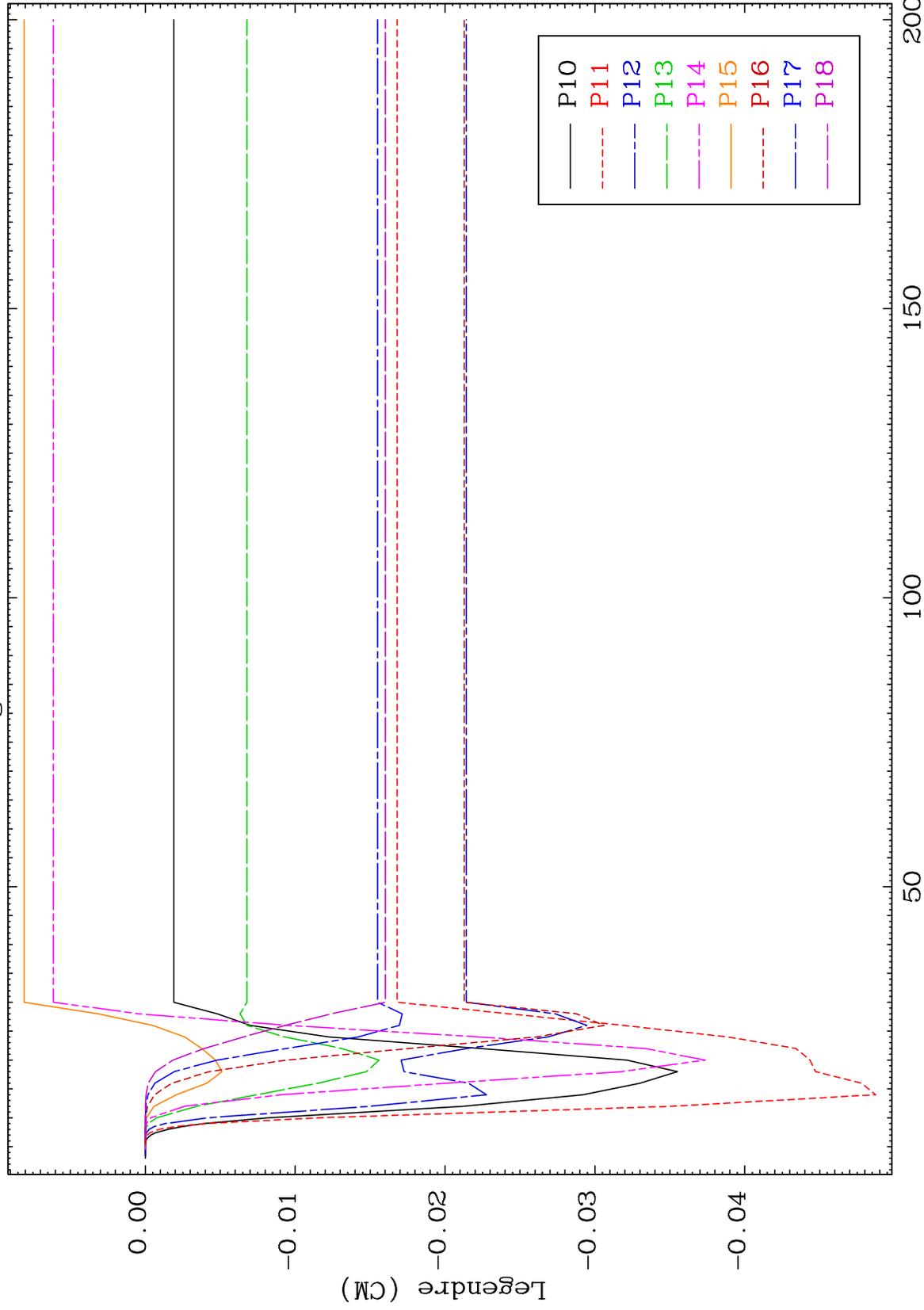
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127

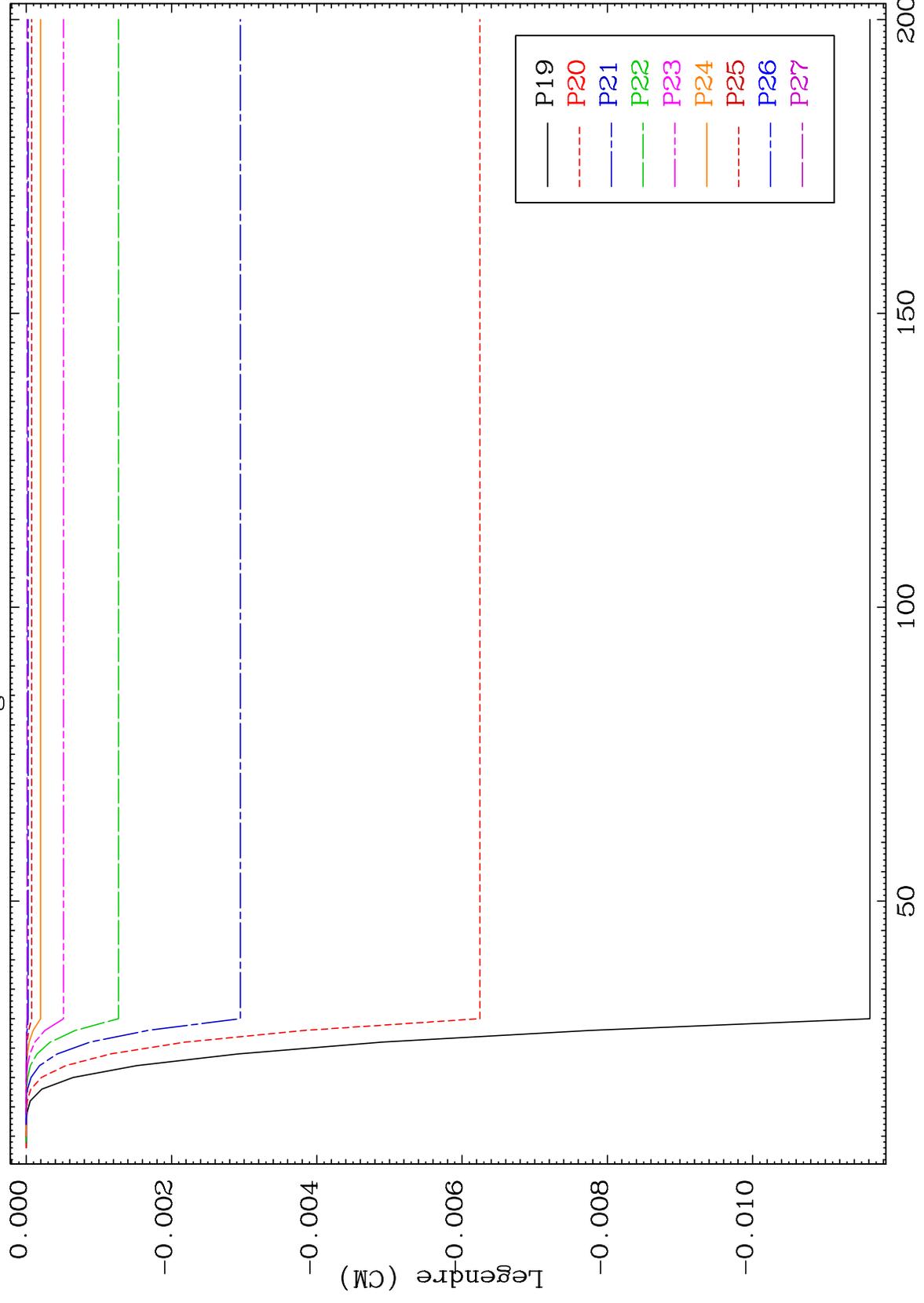


69

Incident Energy (MeV)

49-In-127

MAT 4967 MT= 64 (n,n') Level Legendre Coefficients 49-In-127

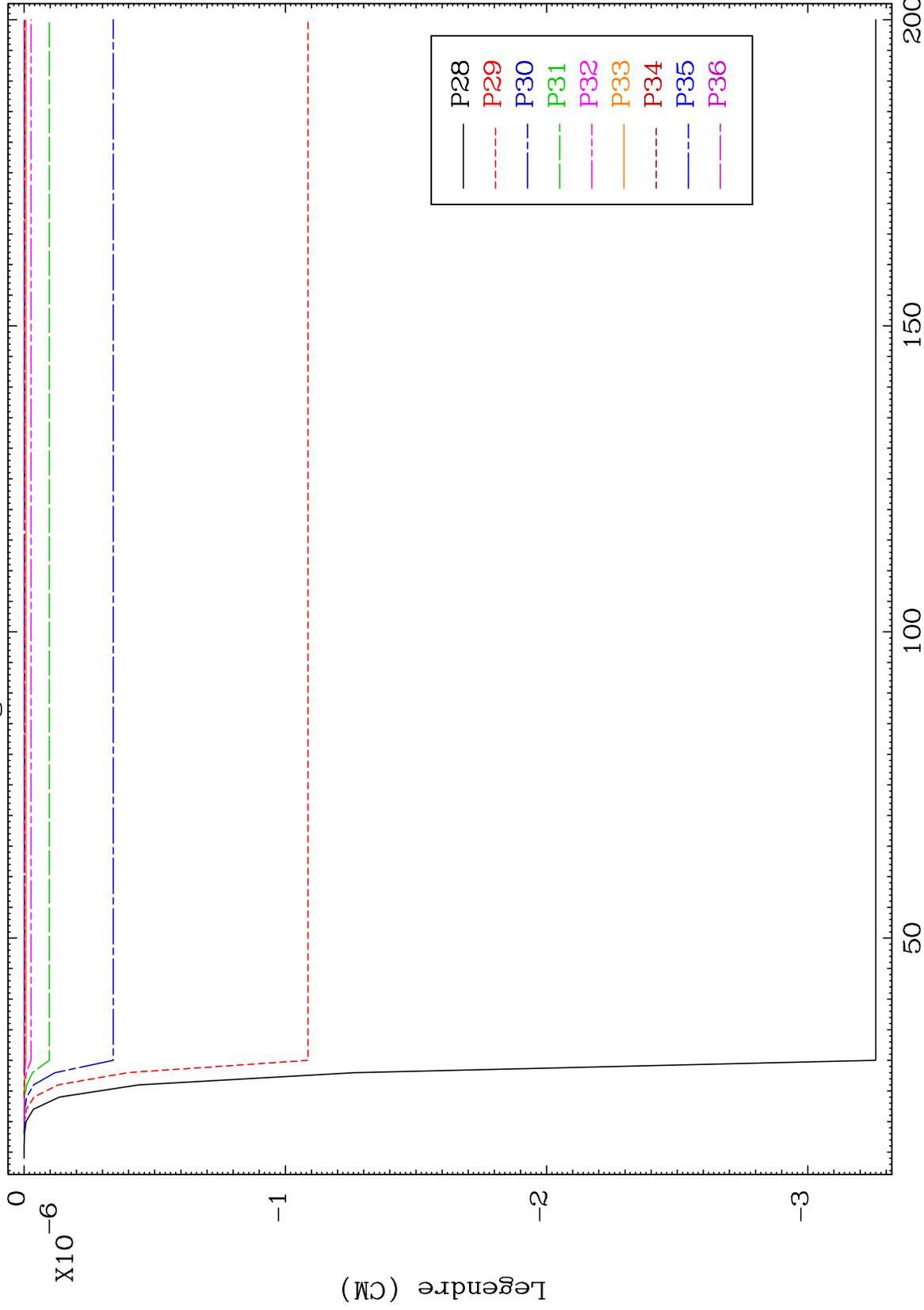


70 Incident Energy (MeV) 49-In-127

MAT 4967

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

49-In-127



71

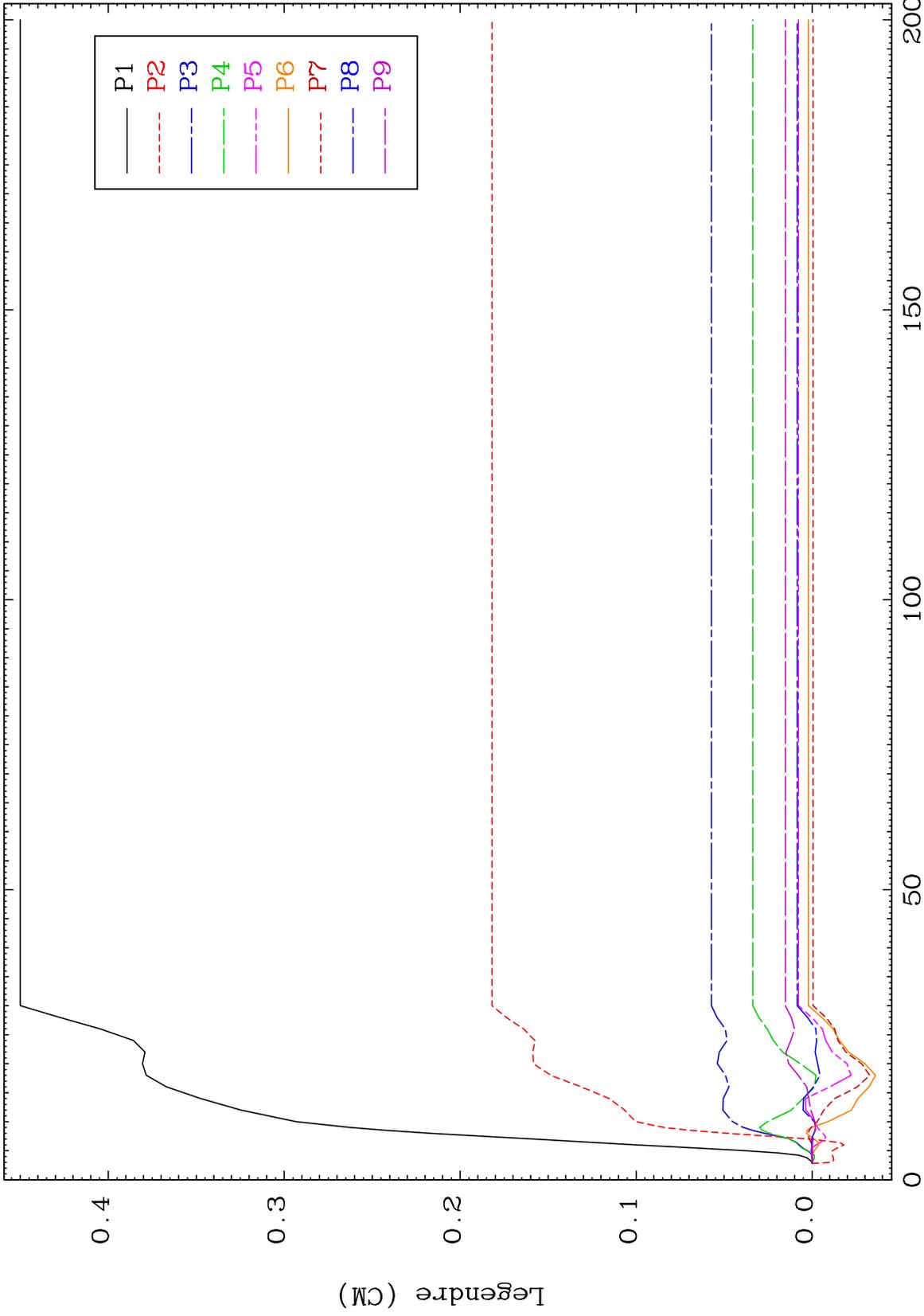
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



72

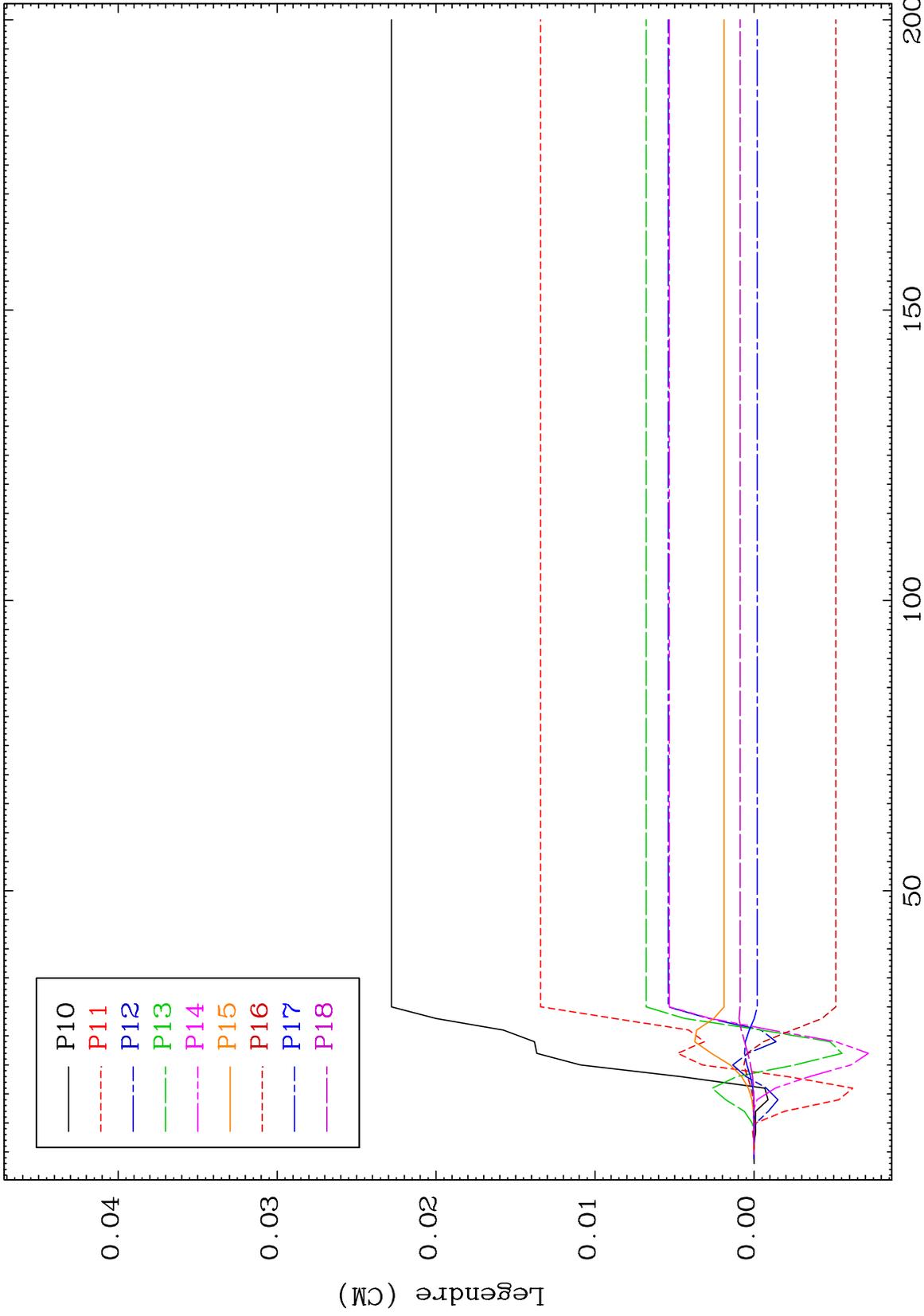
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



73

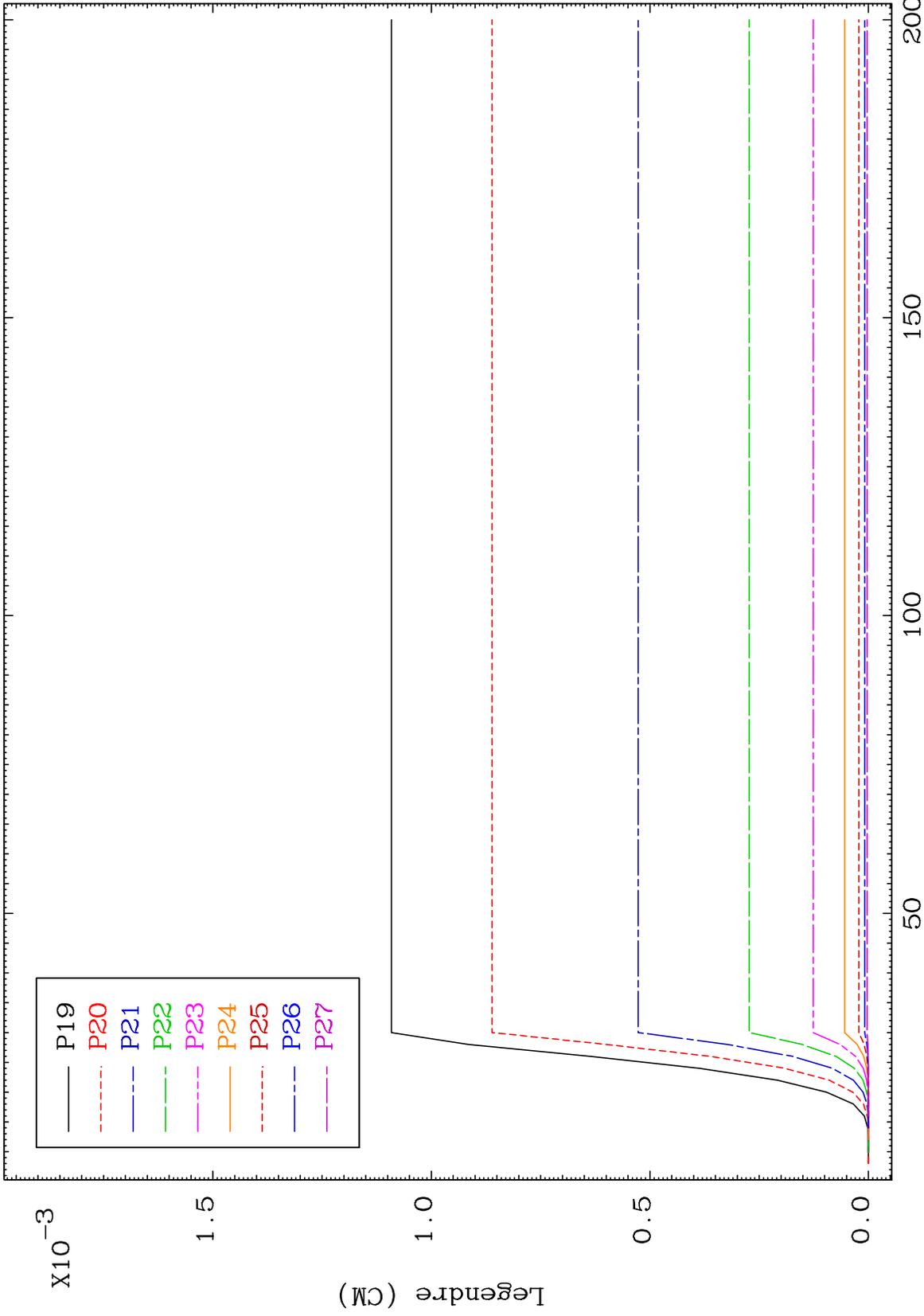
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



74

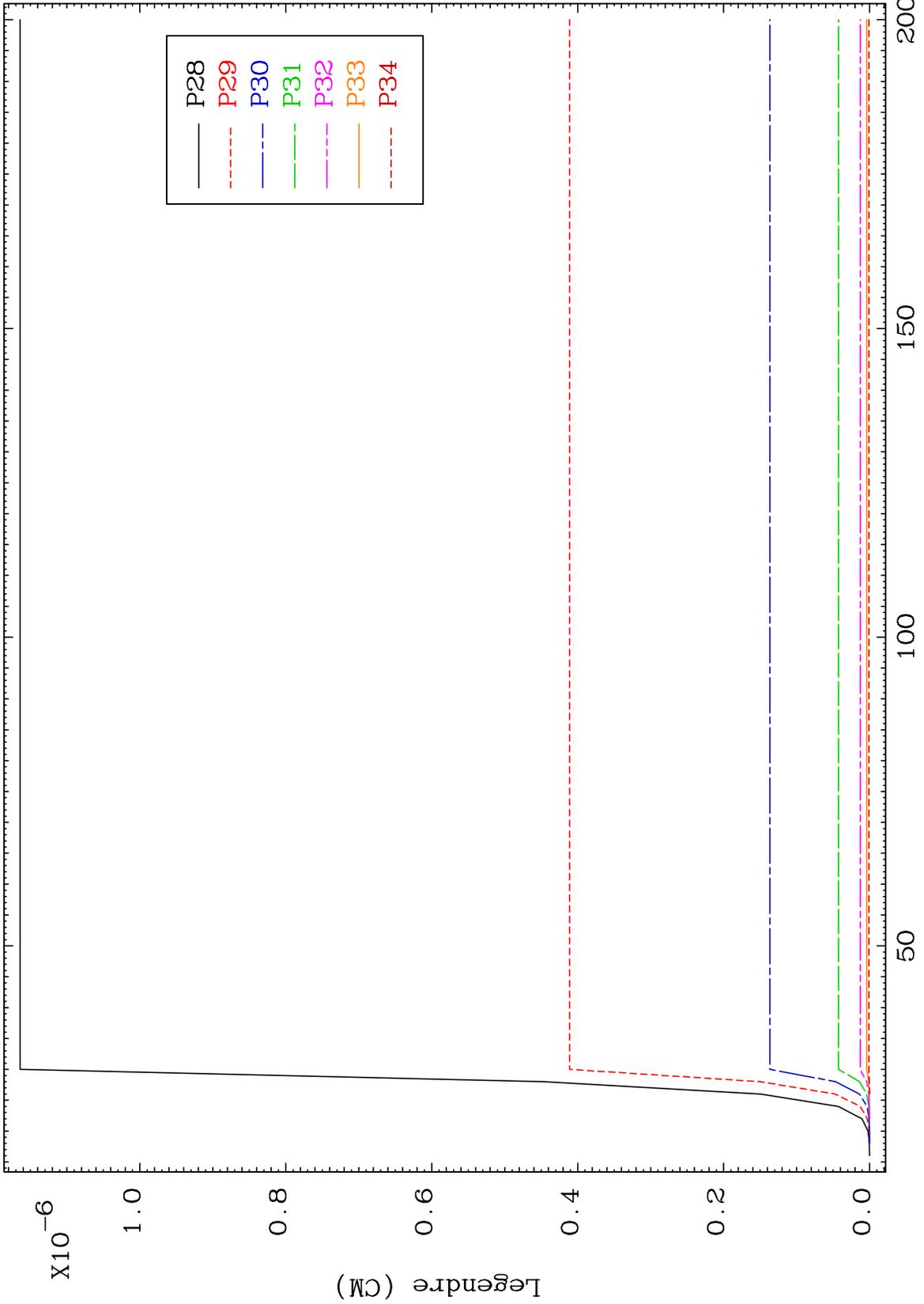
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



75

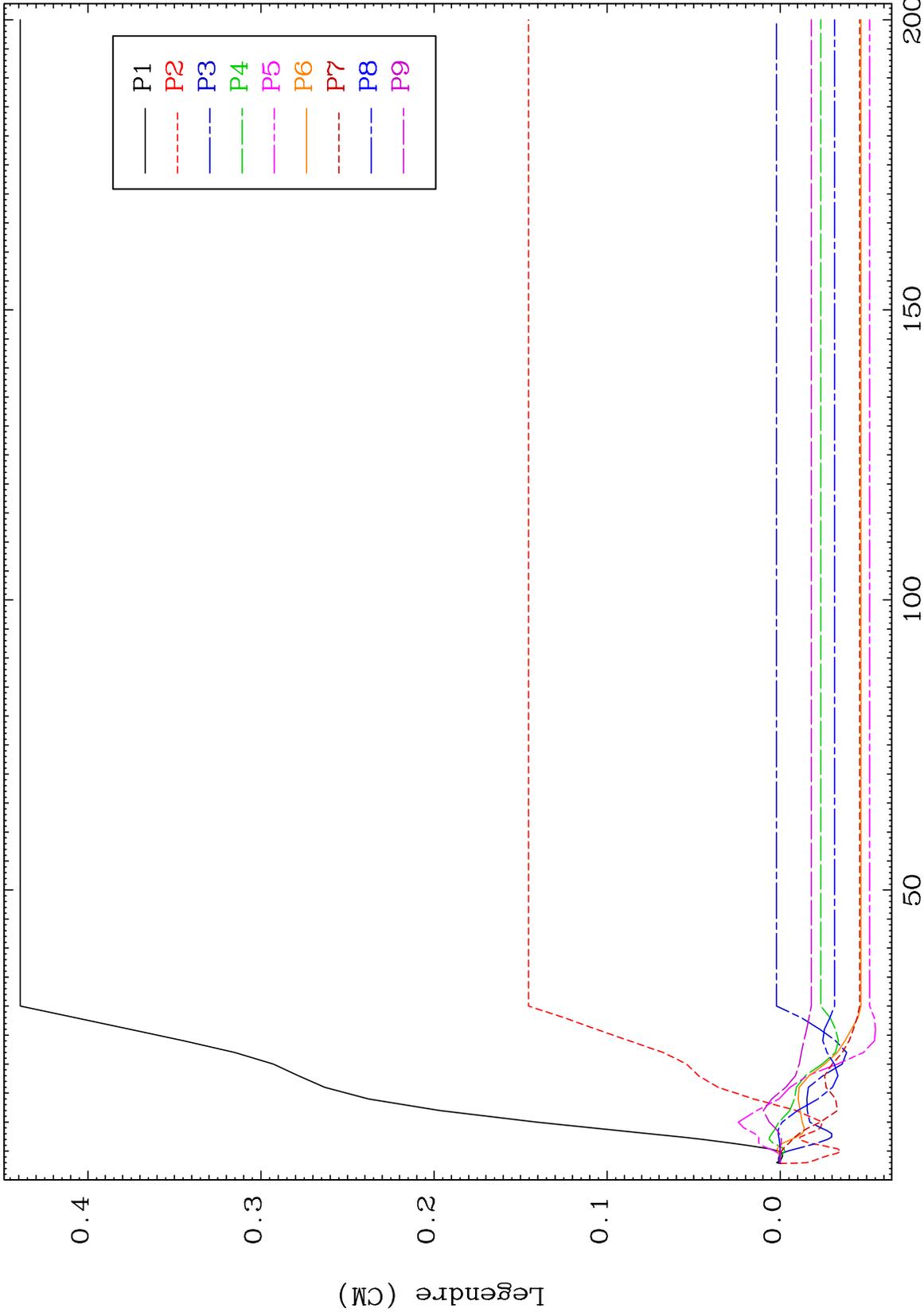
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



76

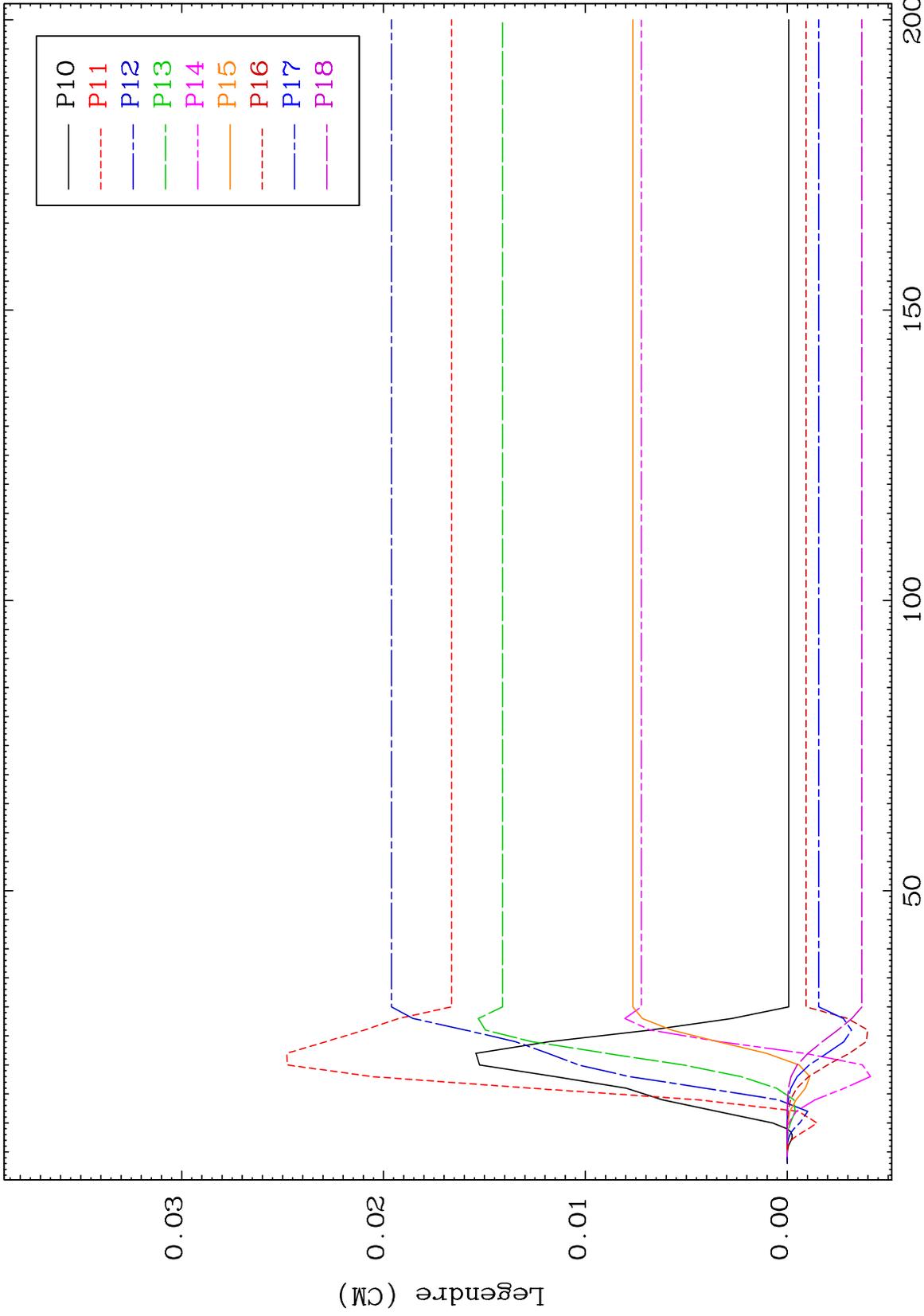
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



77

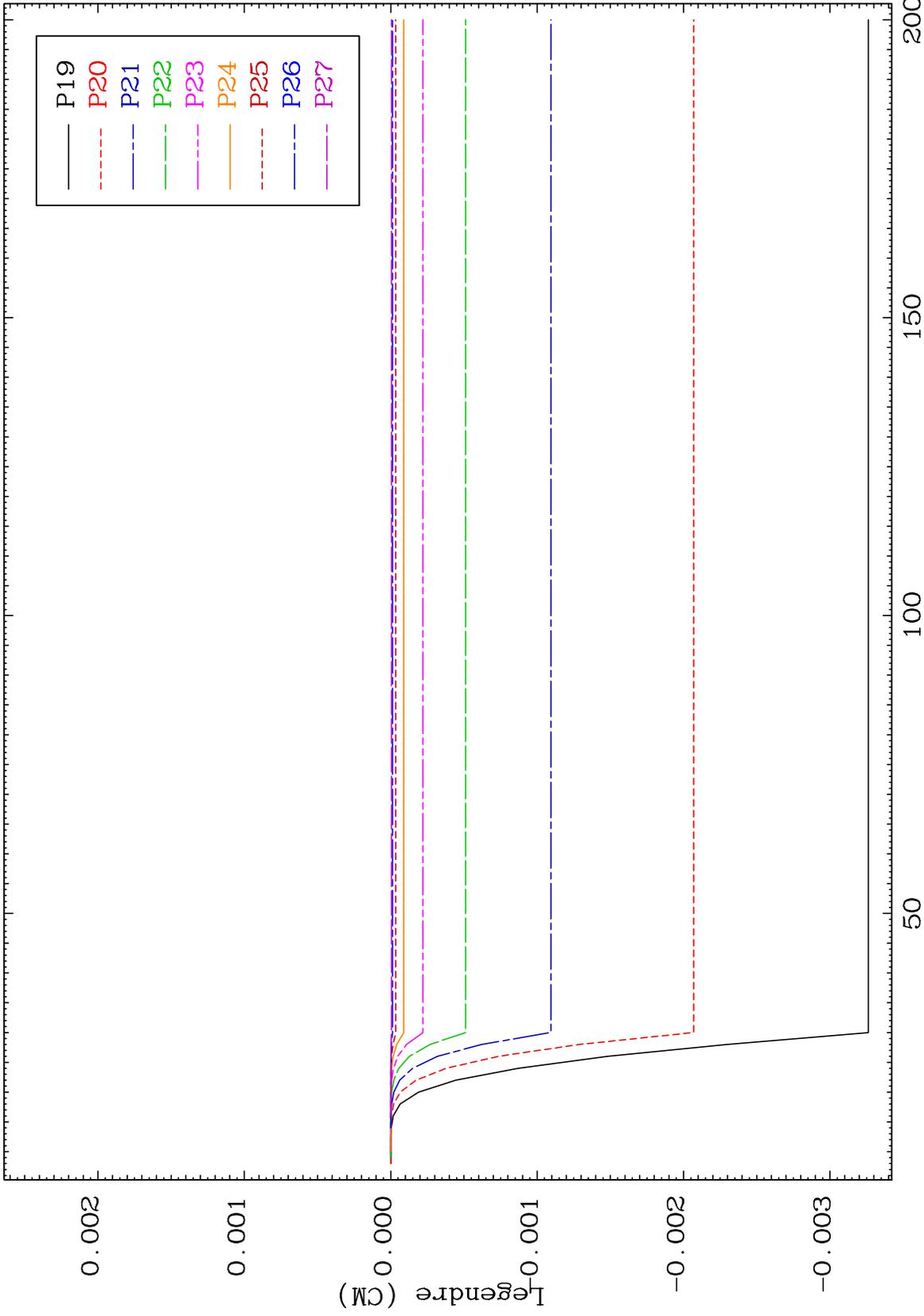
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



78

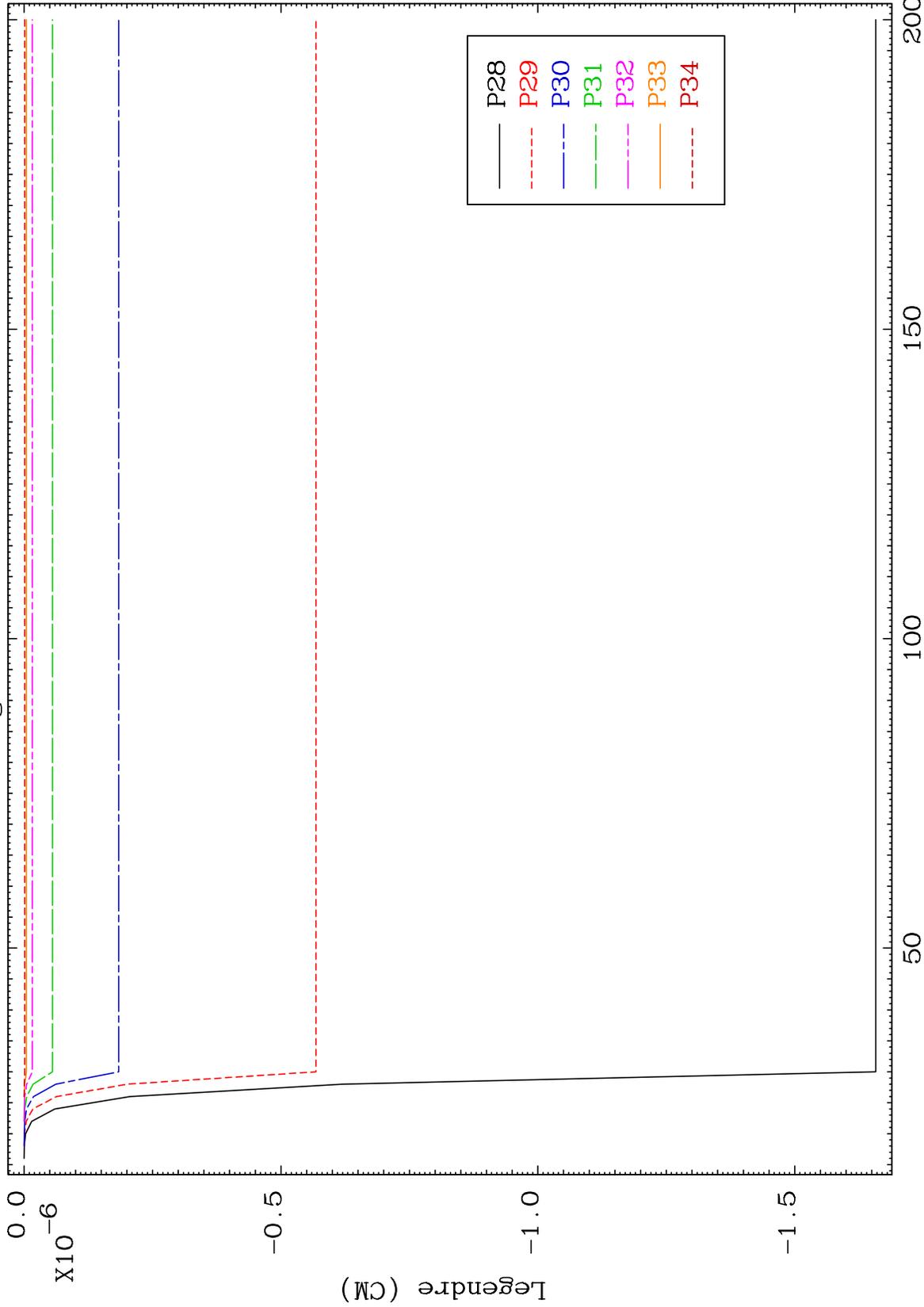
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



79

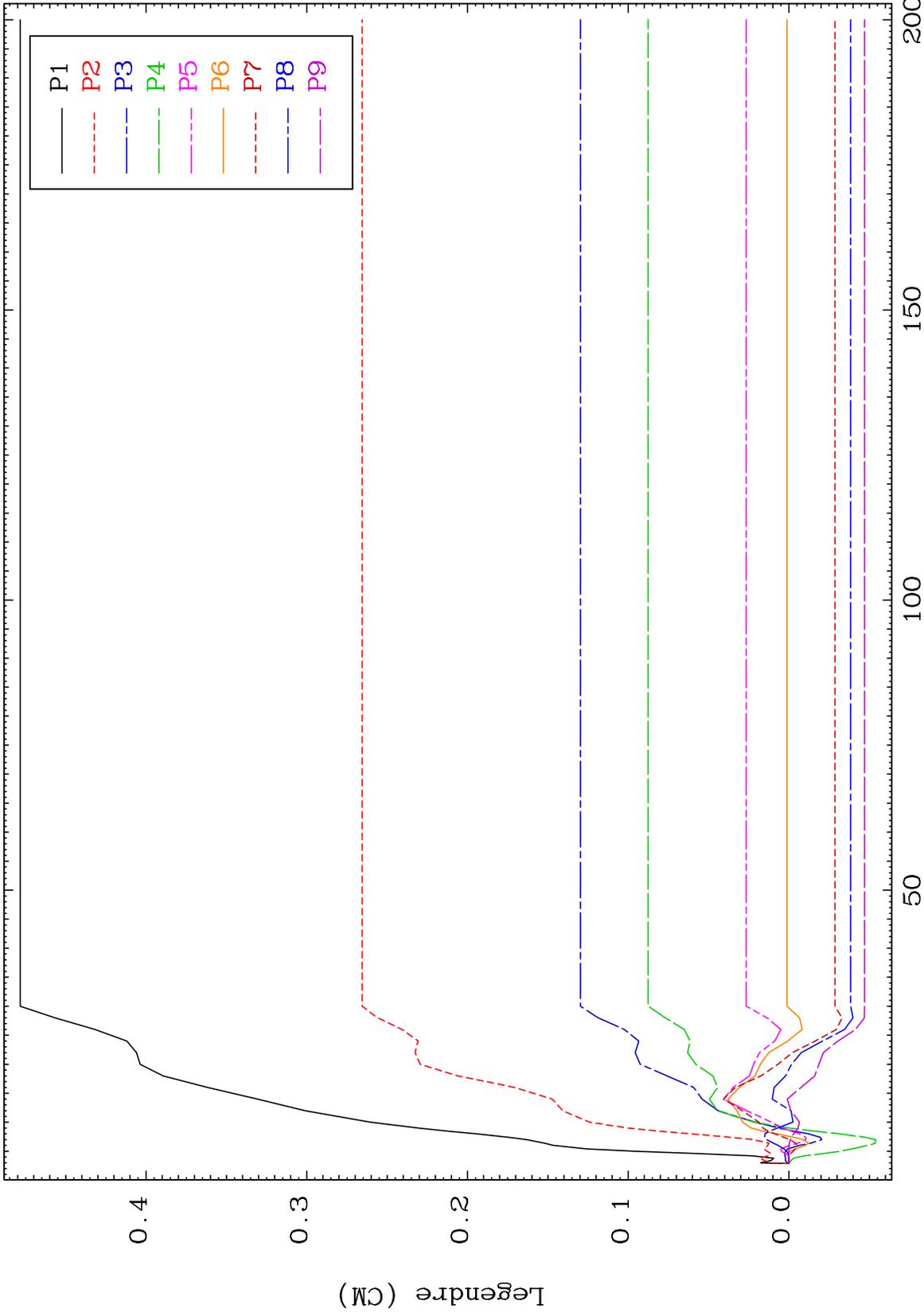
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



80

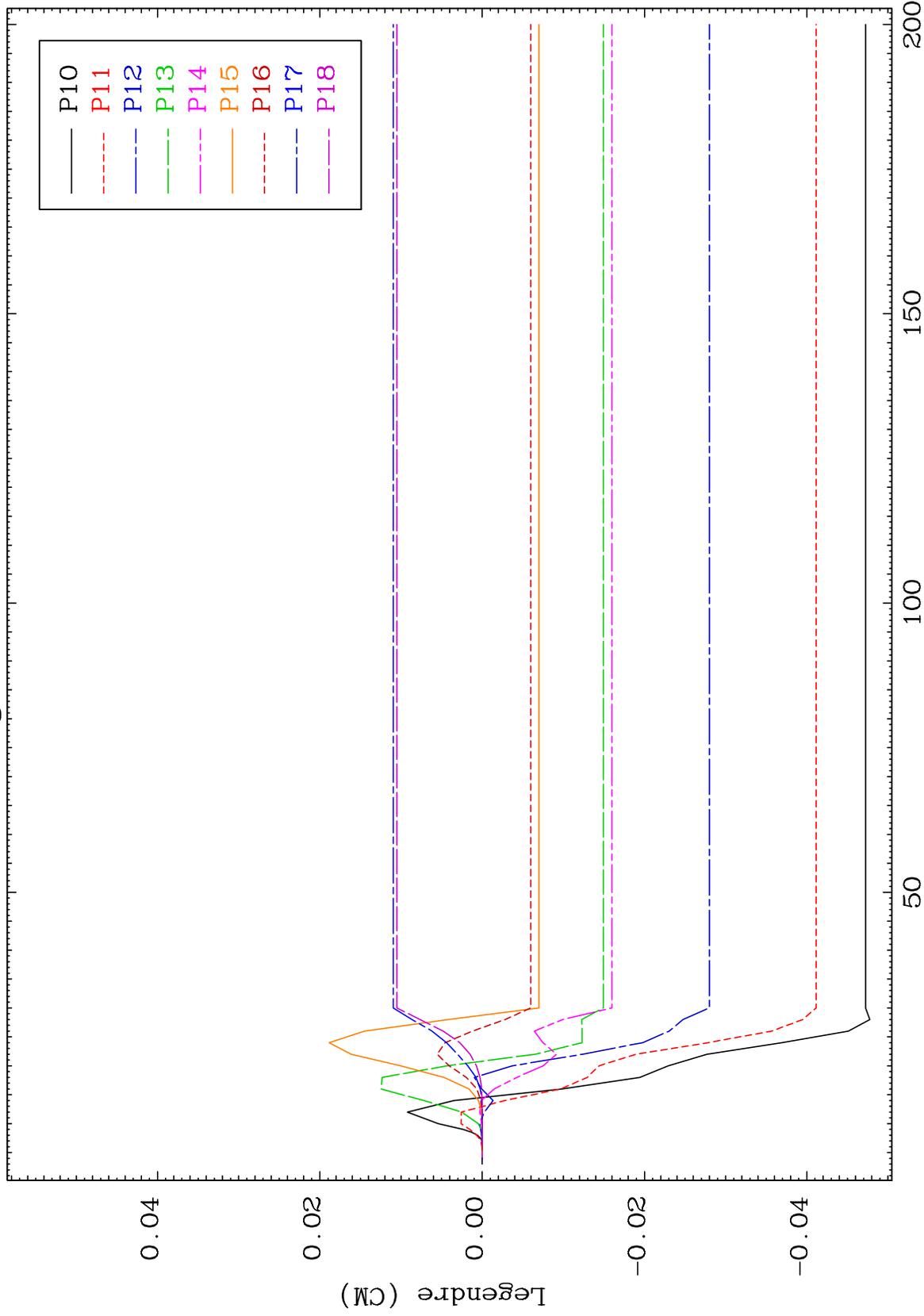
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



81

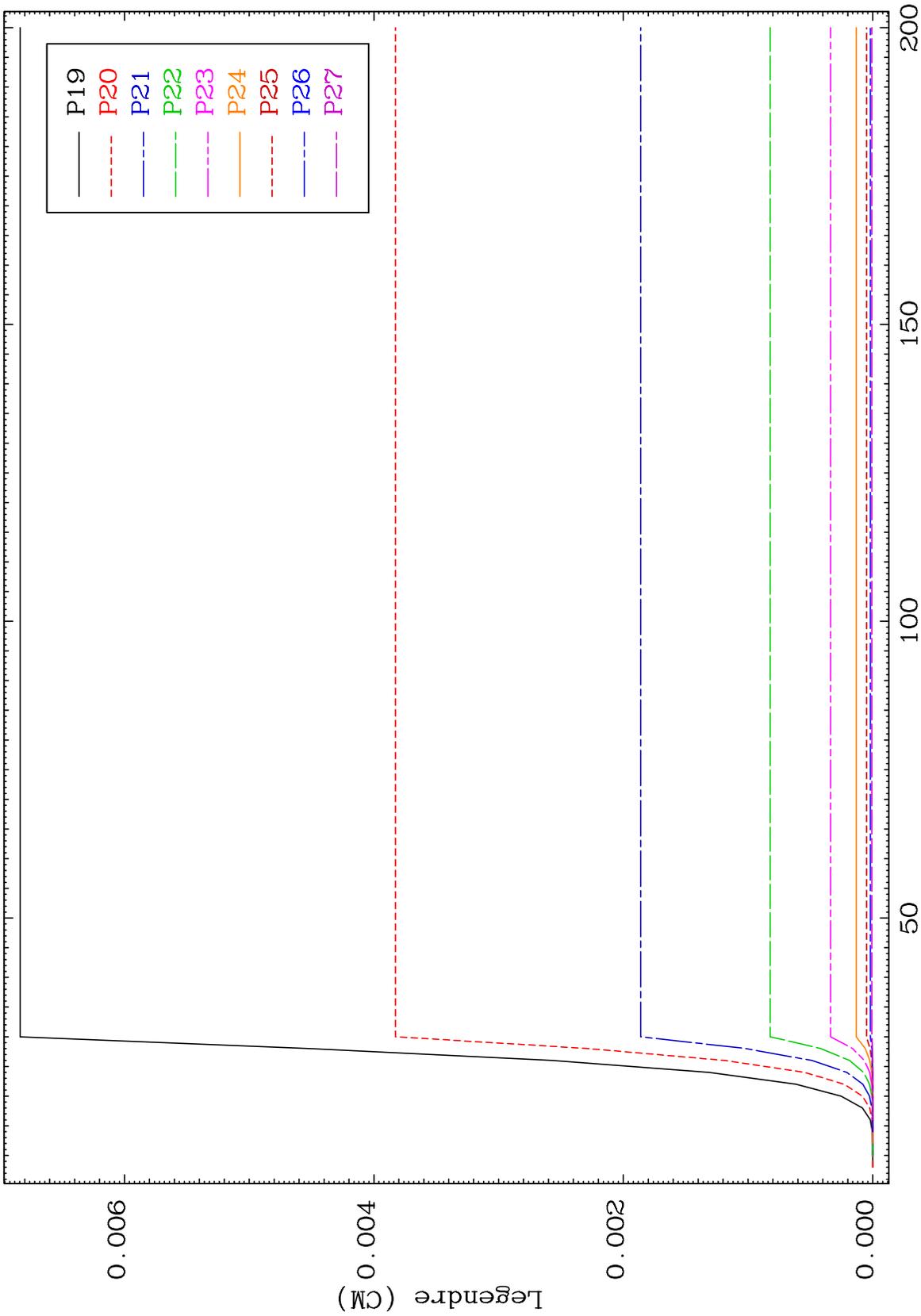
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



82

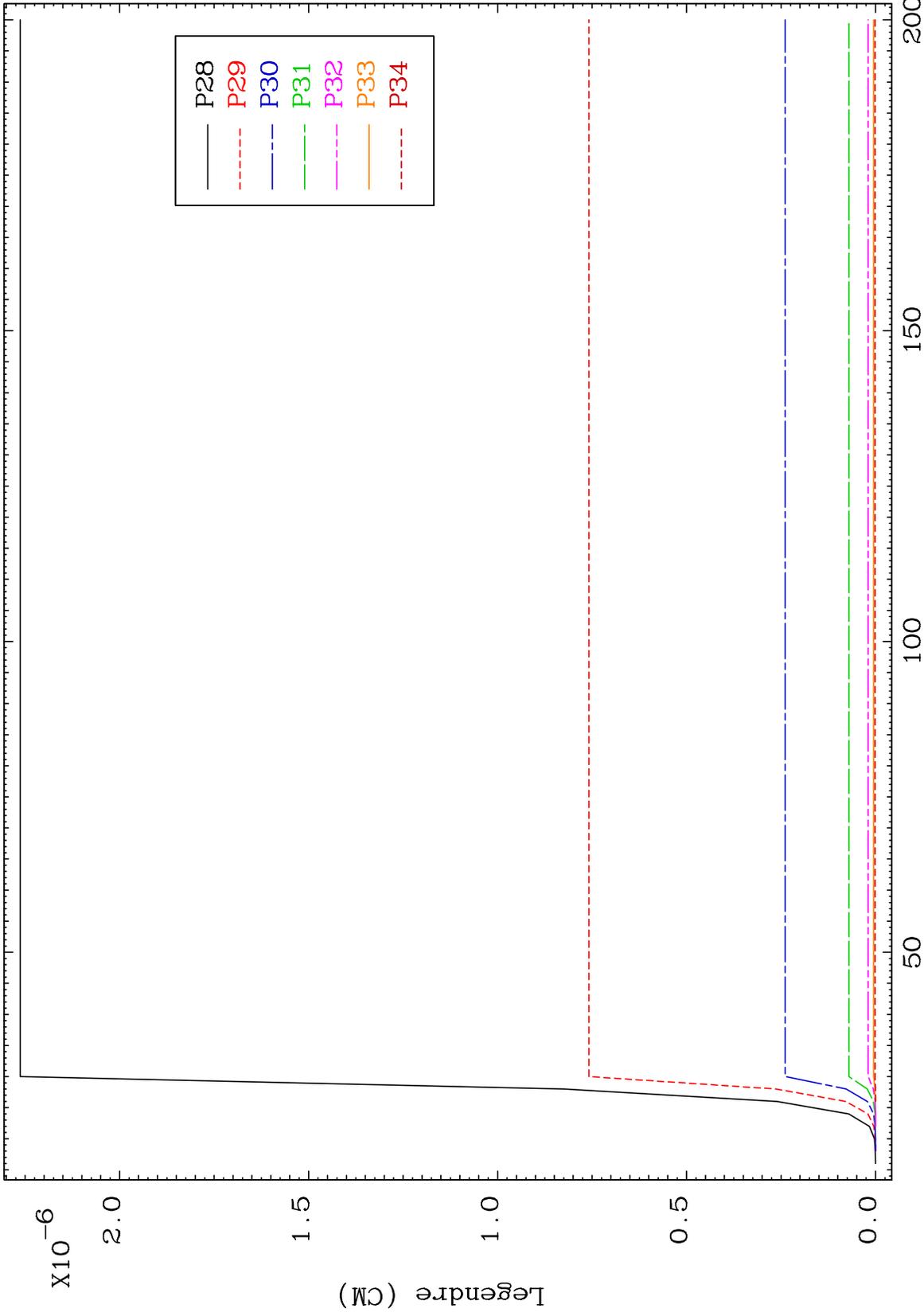
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



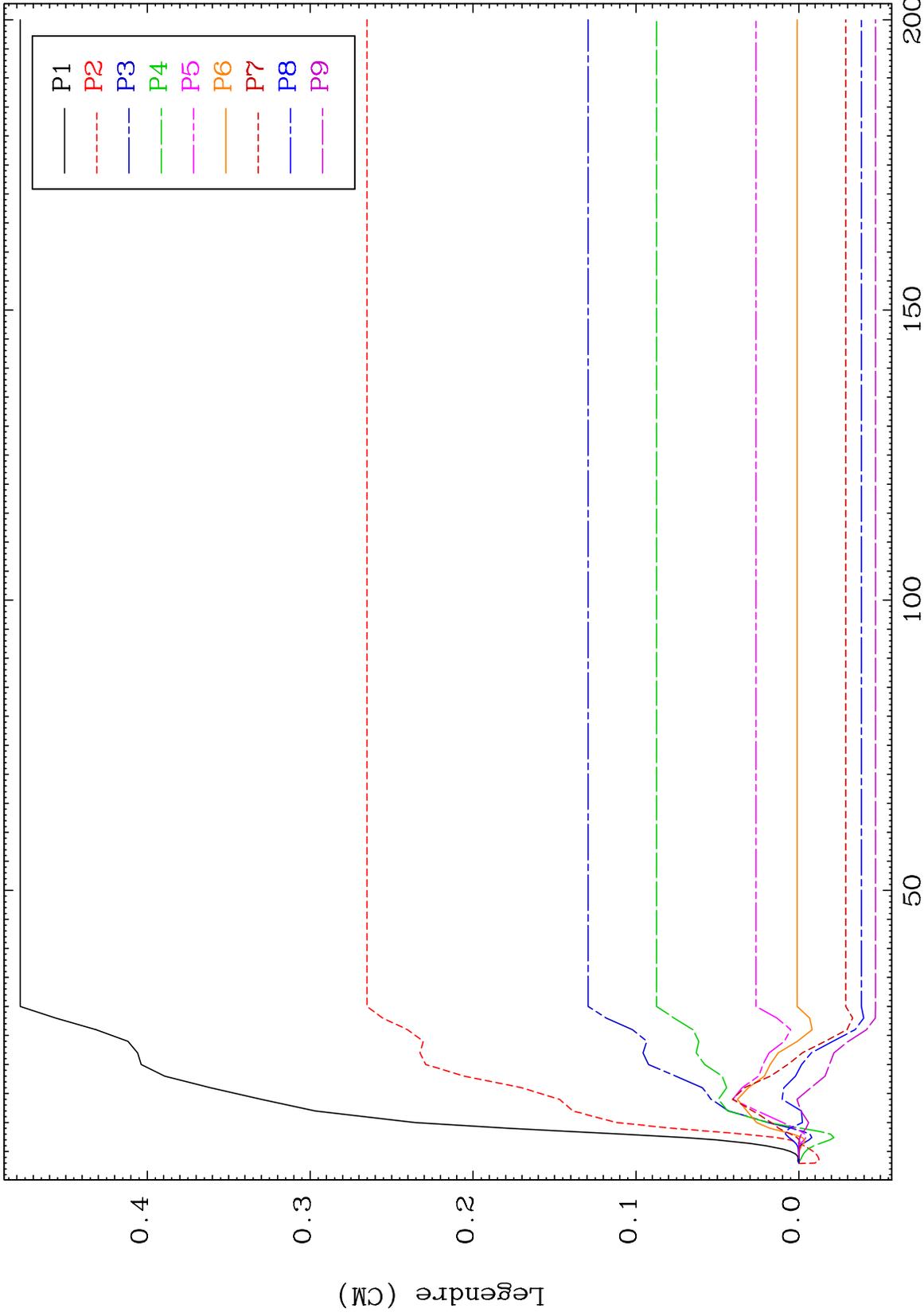
83

49-In-127

MAT 4967

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

49-In-127



84

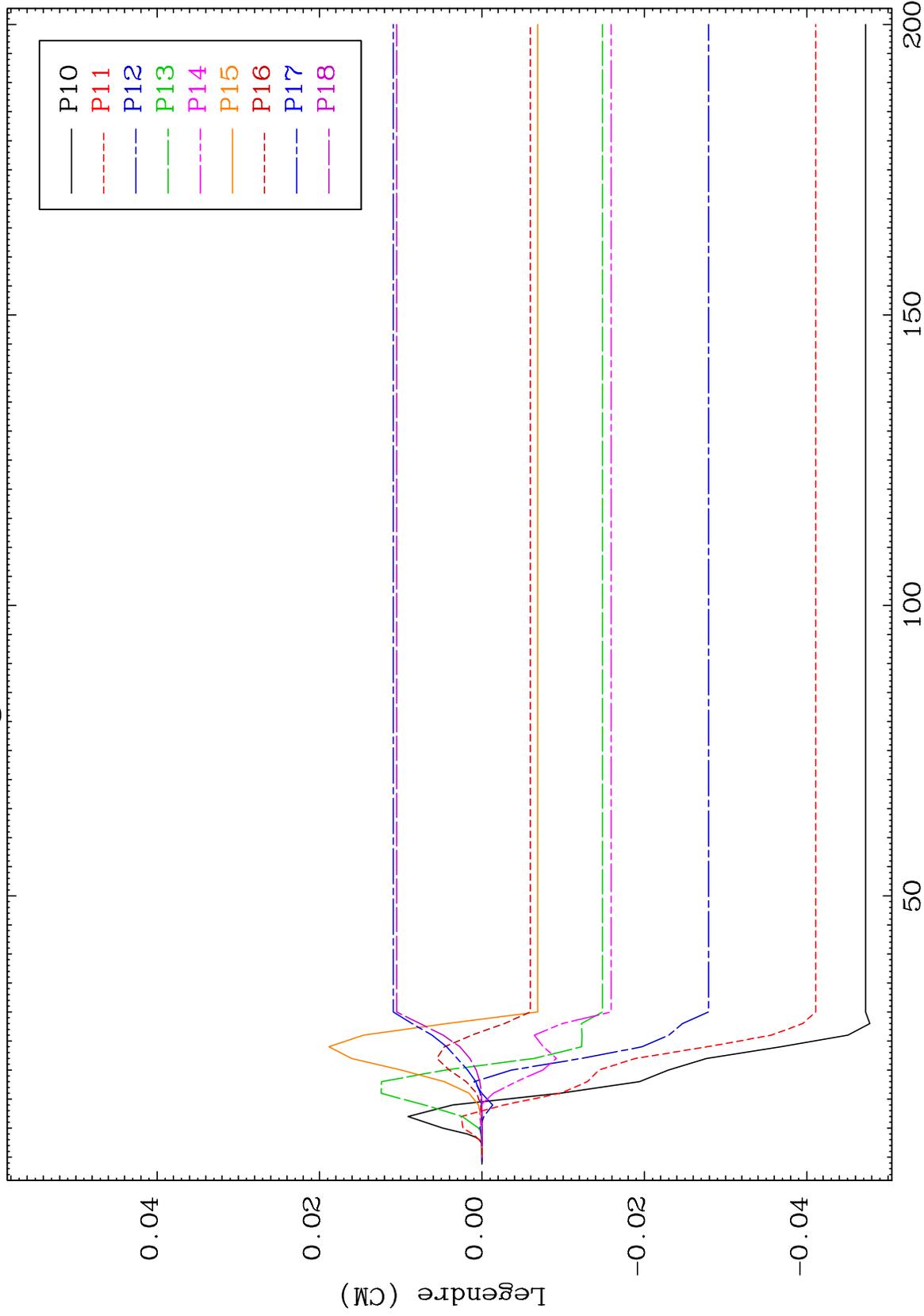
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



85

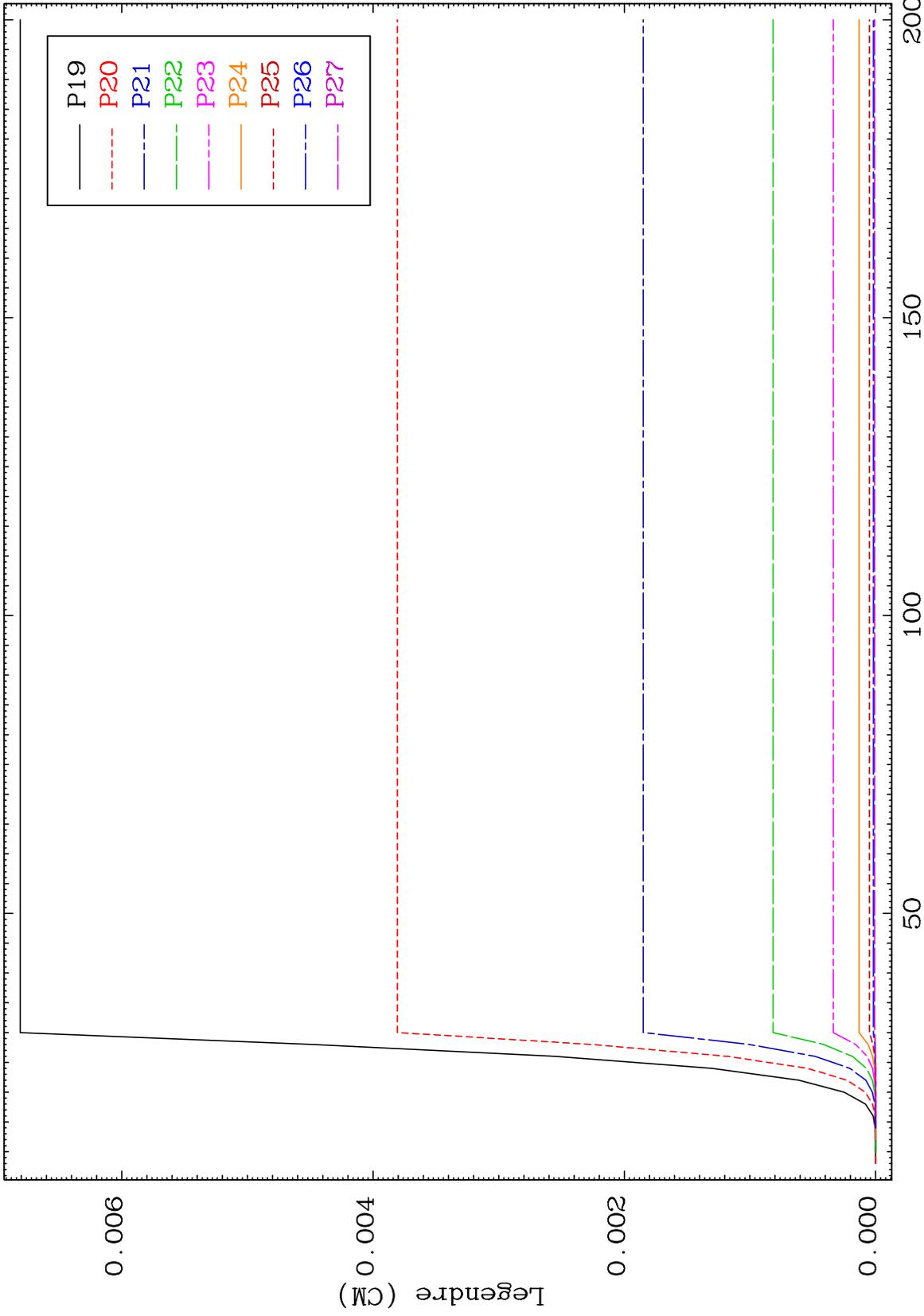
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



86

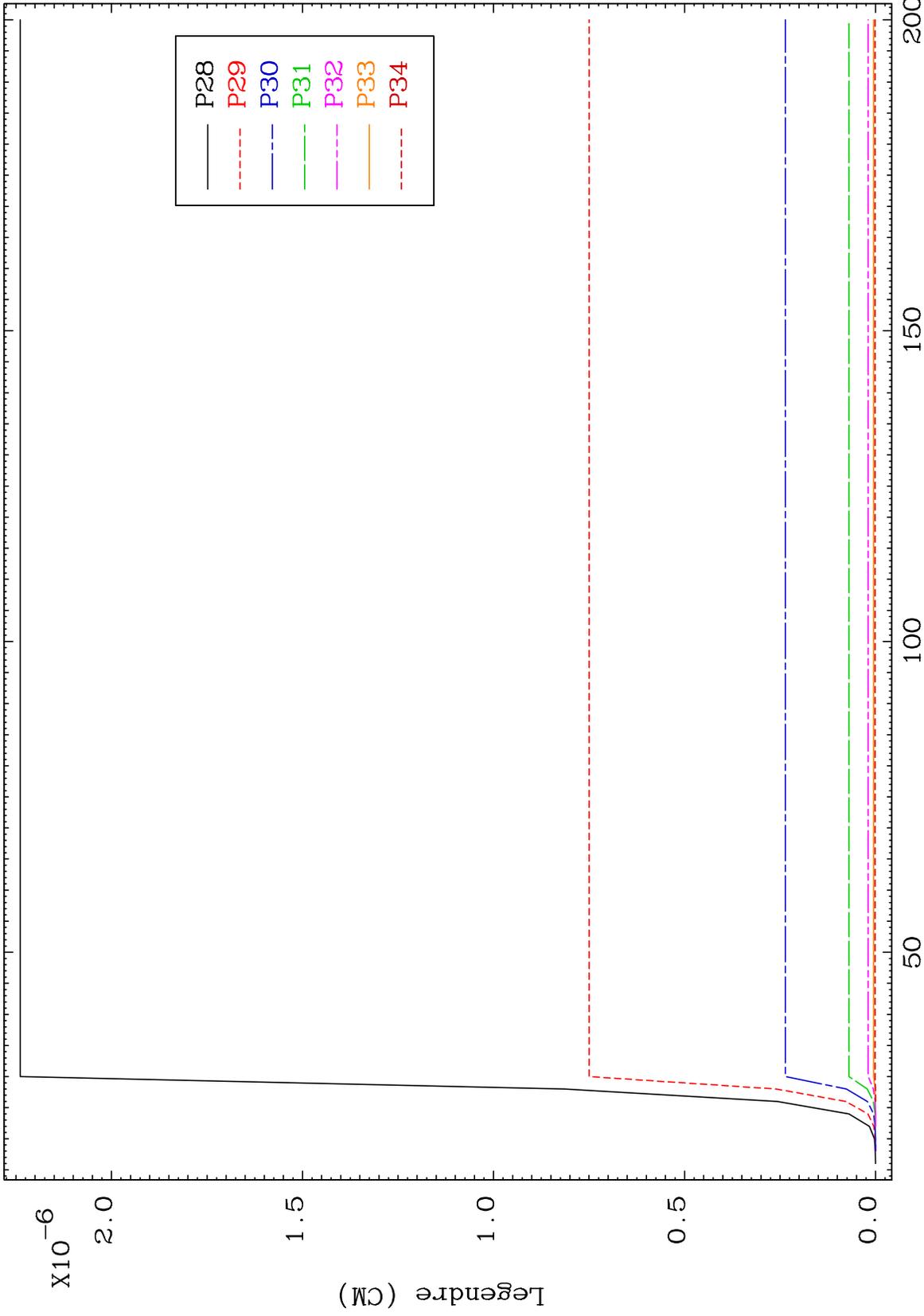
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



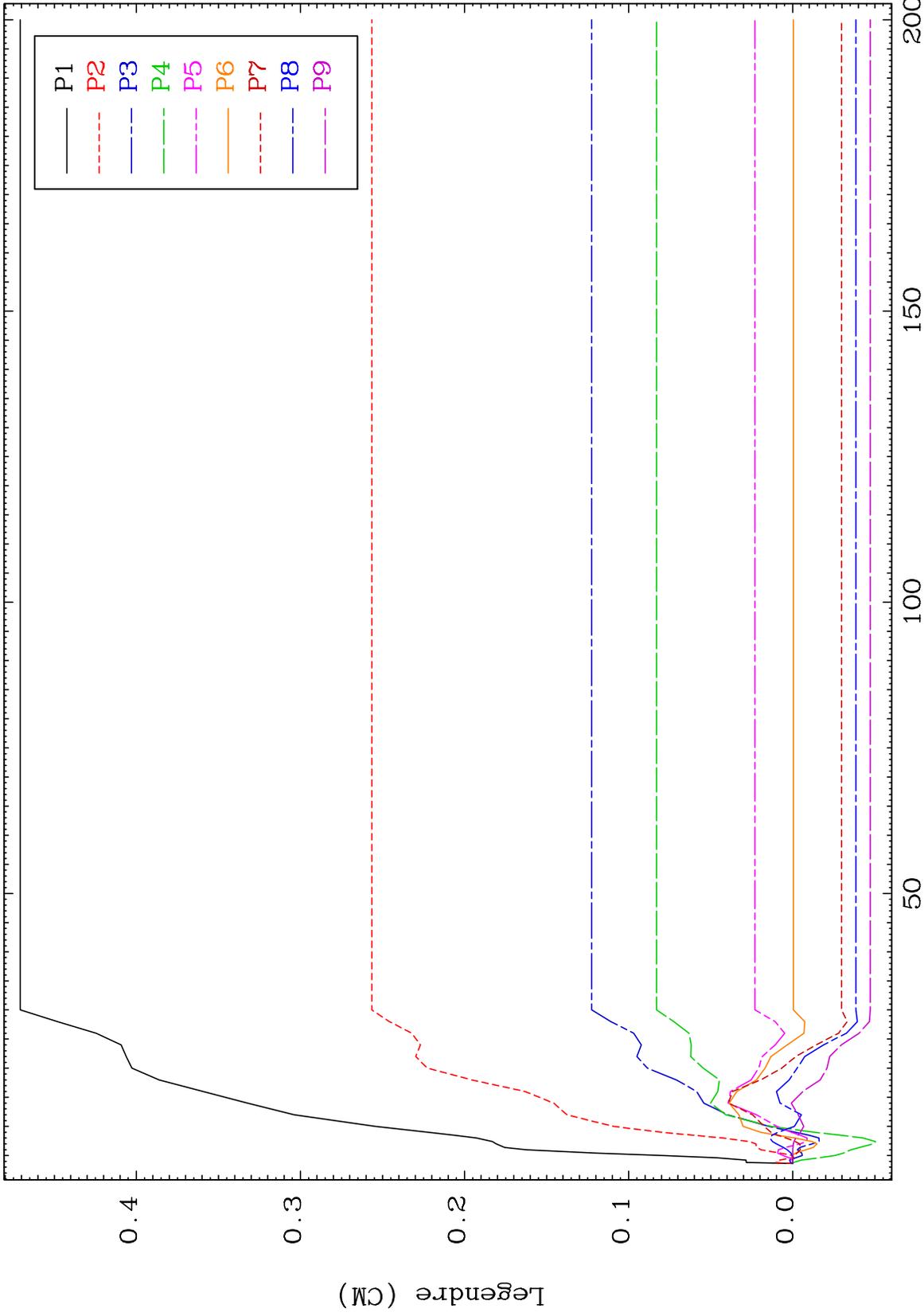
87

49-In-127

MAT 4967

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

49-In-127



88

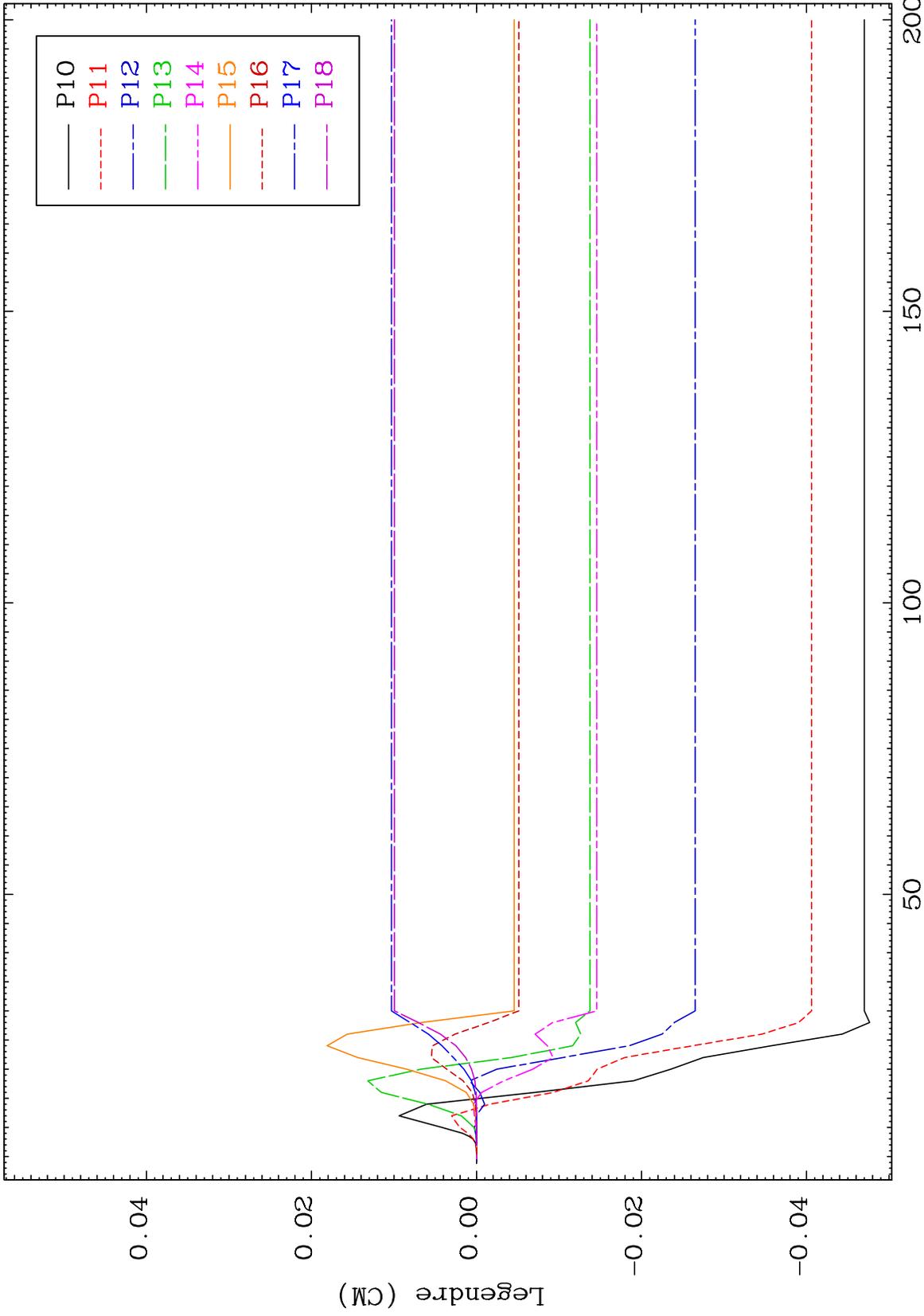
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



89

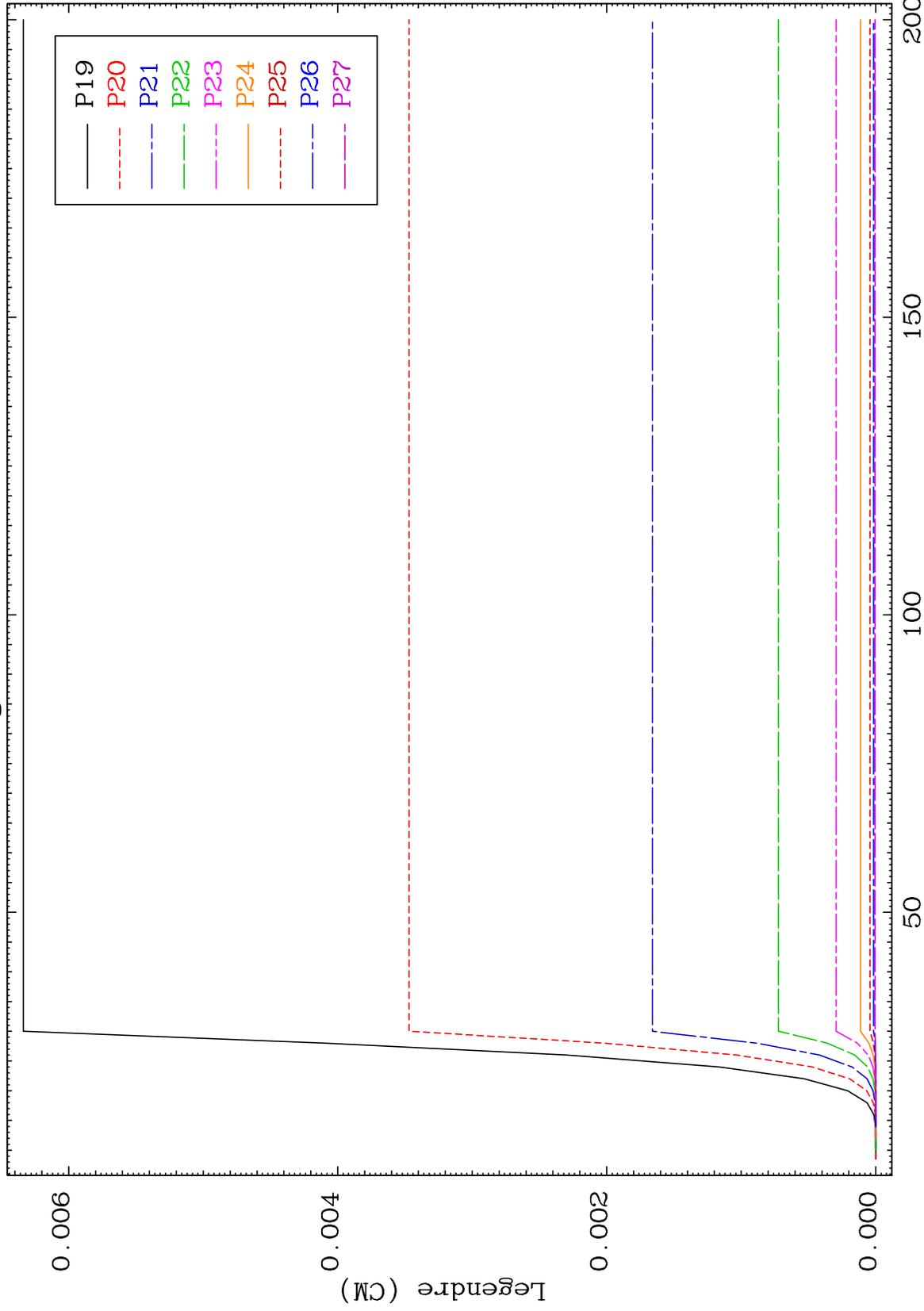
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



90

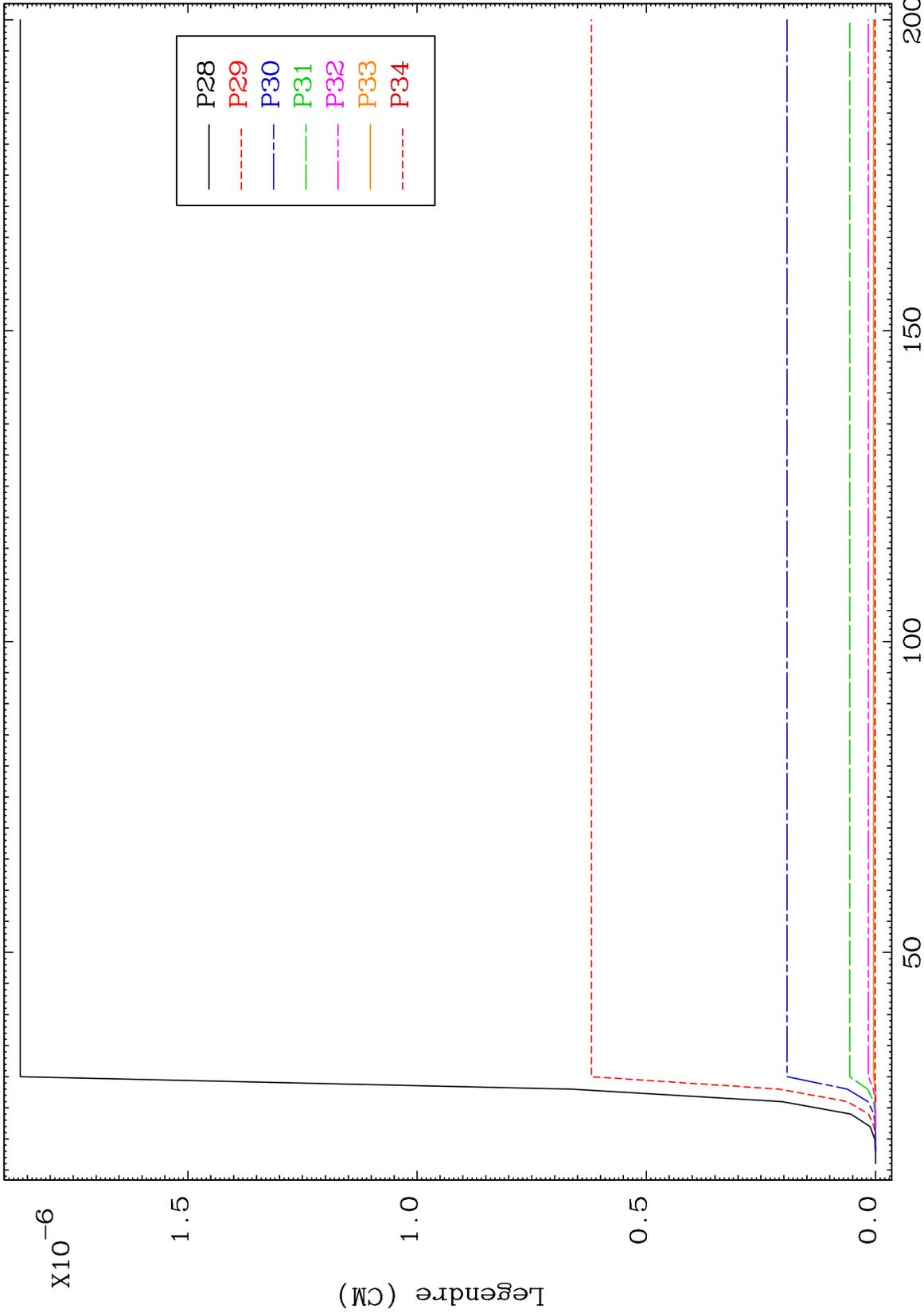
Incident Energy (MeV)

49-In-127

MAT 4967

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

49-In-127



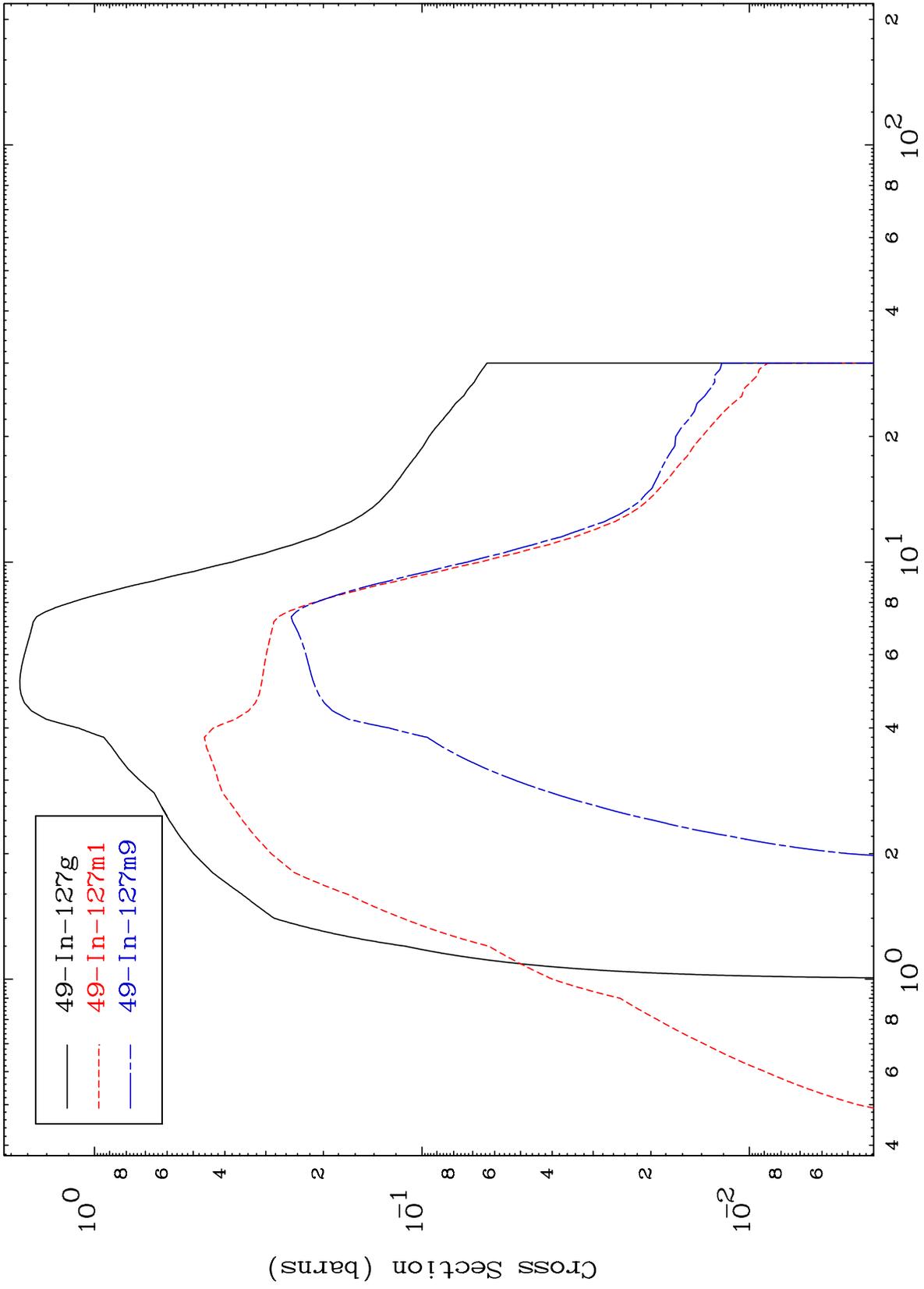
91

49-In-127

MAT 4967

Inelastic Radionuclide Production Cross Section

49-In-127



92

Incident Energy (MeV)

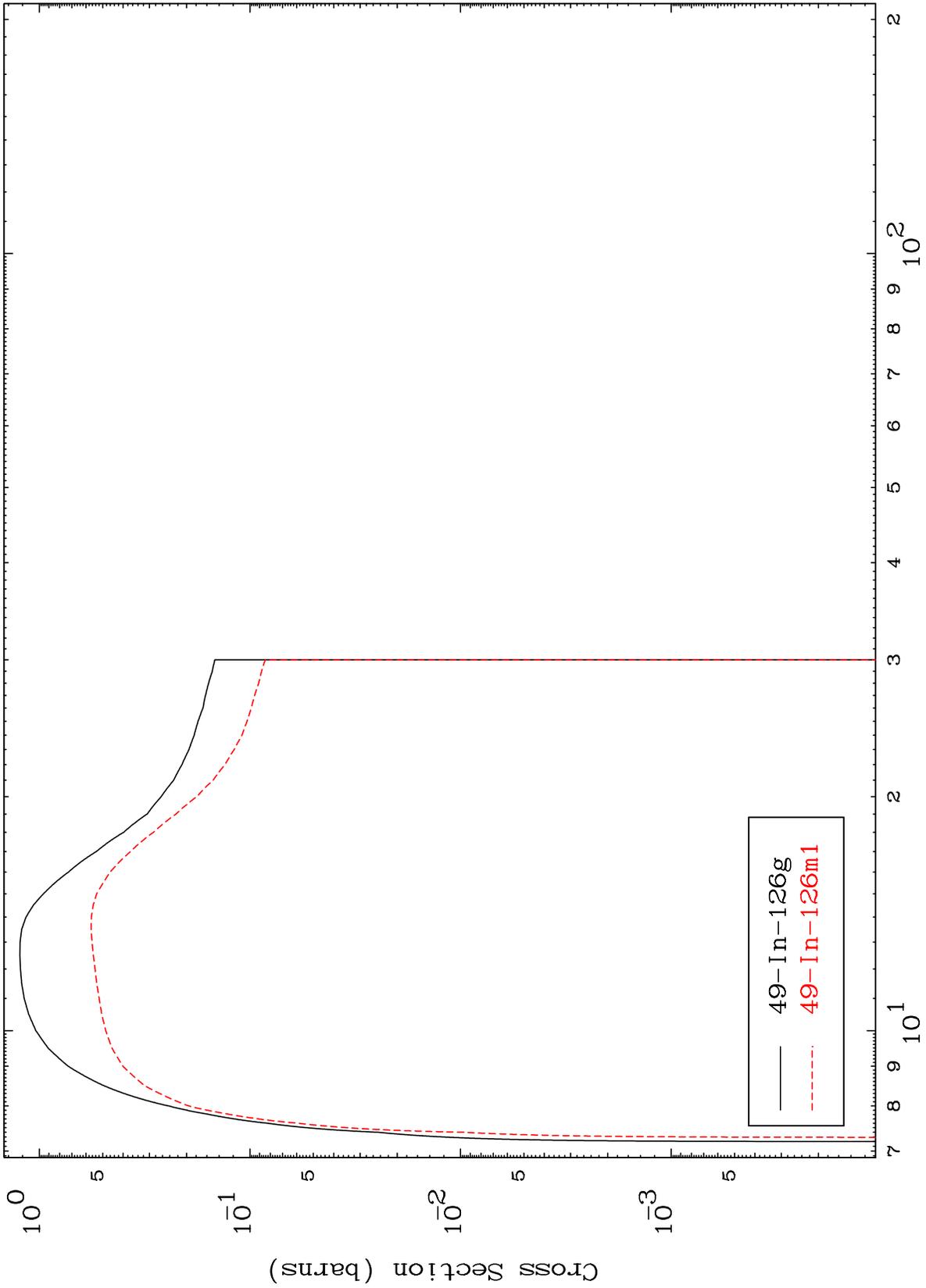
49-In-127

MAT 4967

(n,2n)

49-In-127

Radionuclide Production Cross Section



93

Incident Energy (MeV)

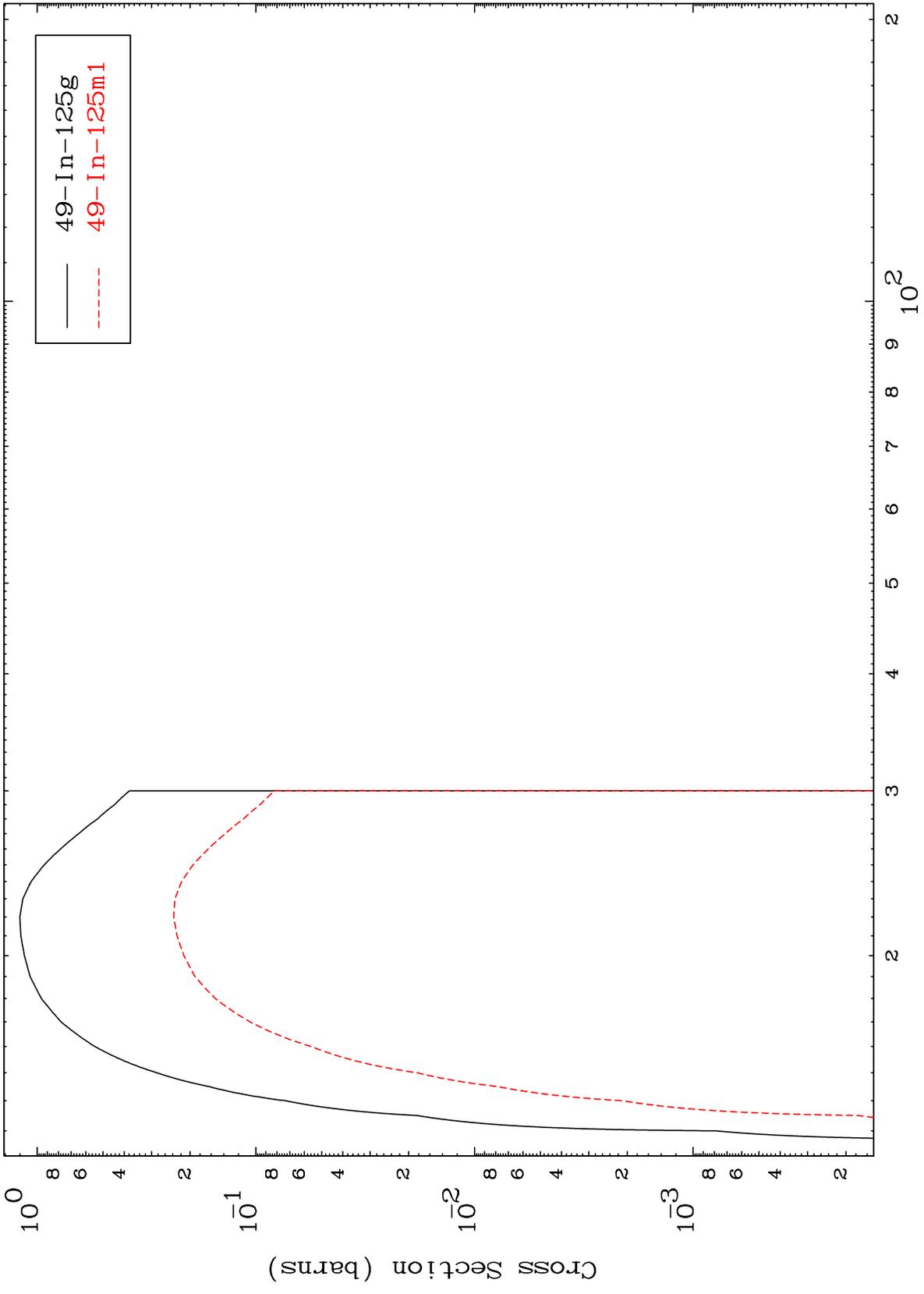
49-In-127

MAT 4967

(n,3n)

49-In-127

Radionuclide Production Cross Section



49-In-125g
49-In-125m1

94

Incident Energy (MeV)

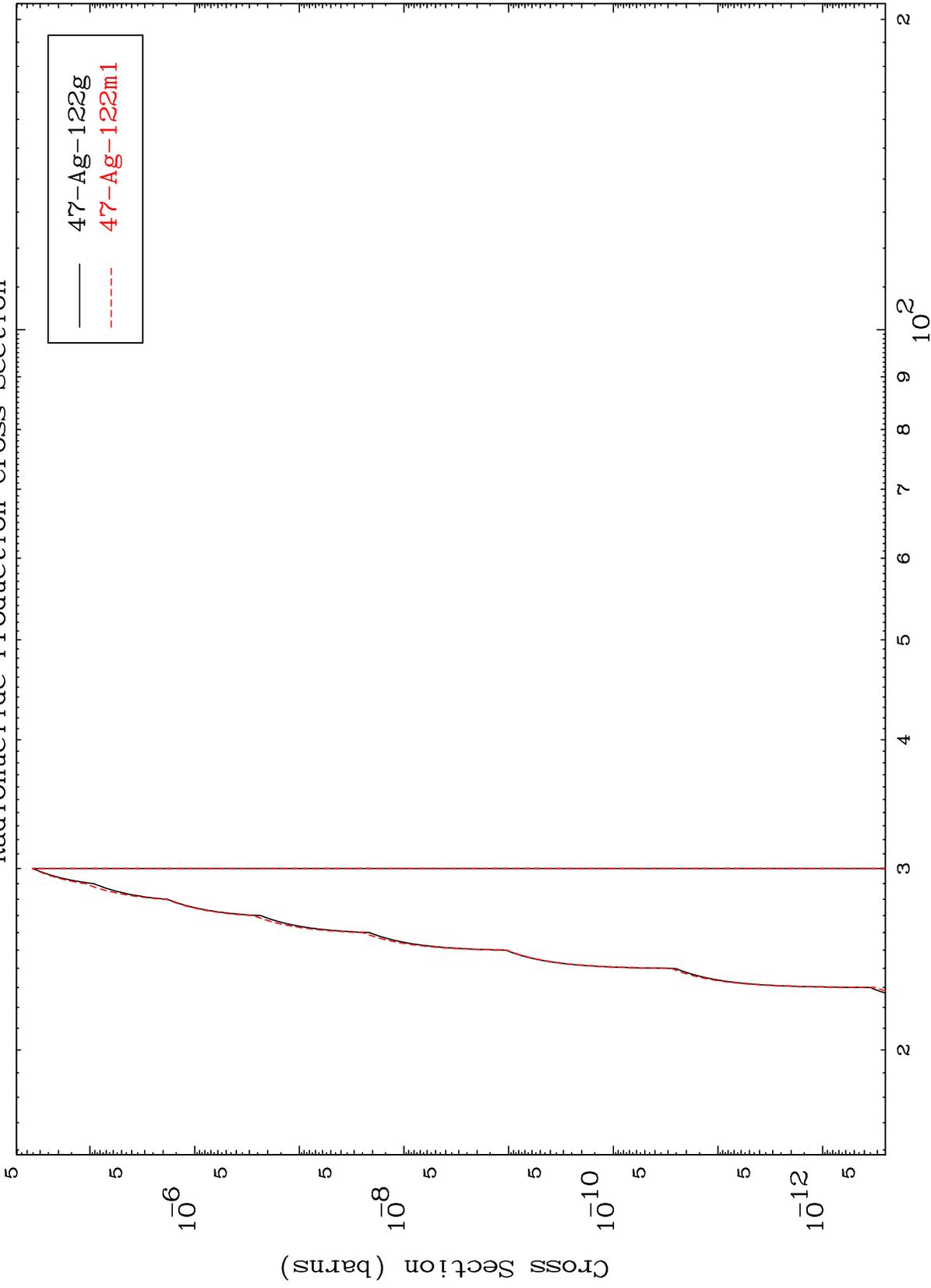
49-In-127

MAT 4967

(n,2n) α

49-In-127

Radionuclide Production Cross Section



95

Incident Energy (MeV)

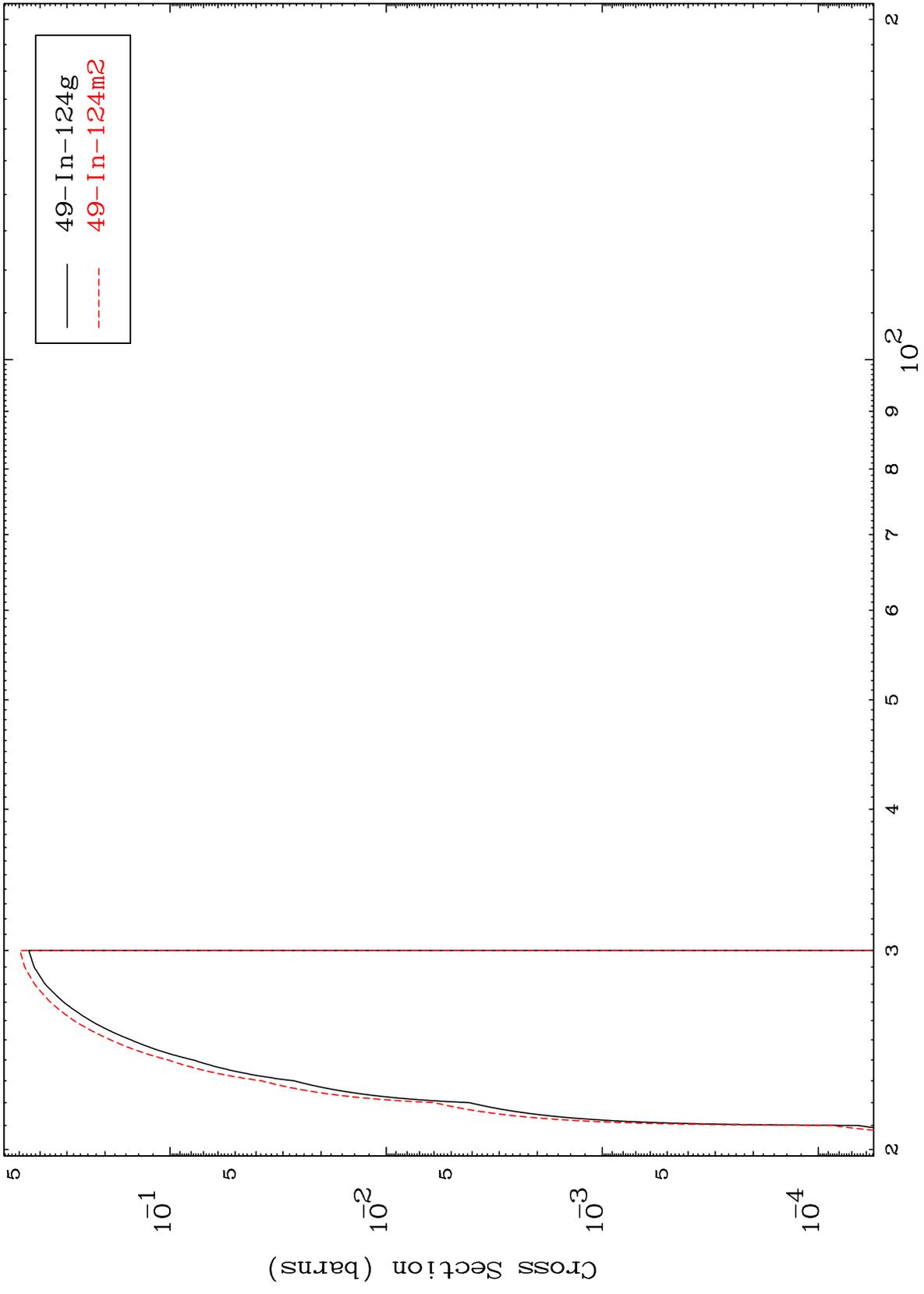
49-In-127

MAT 4967

(n,4n)

49-In-127

Radionuclide Production Cross Section



96

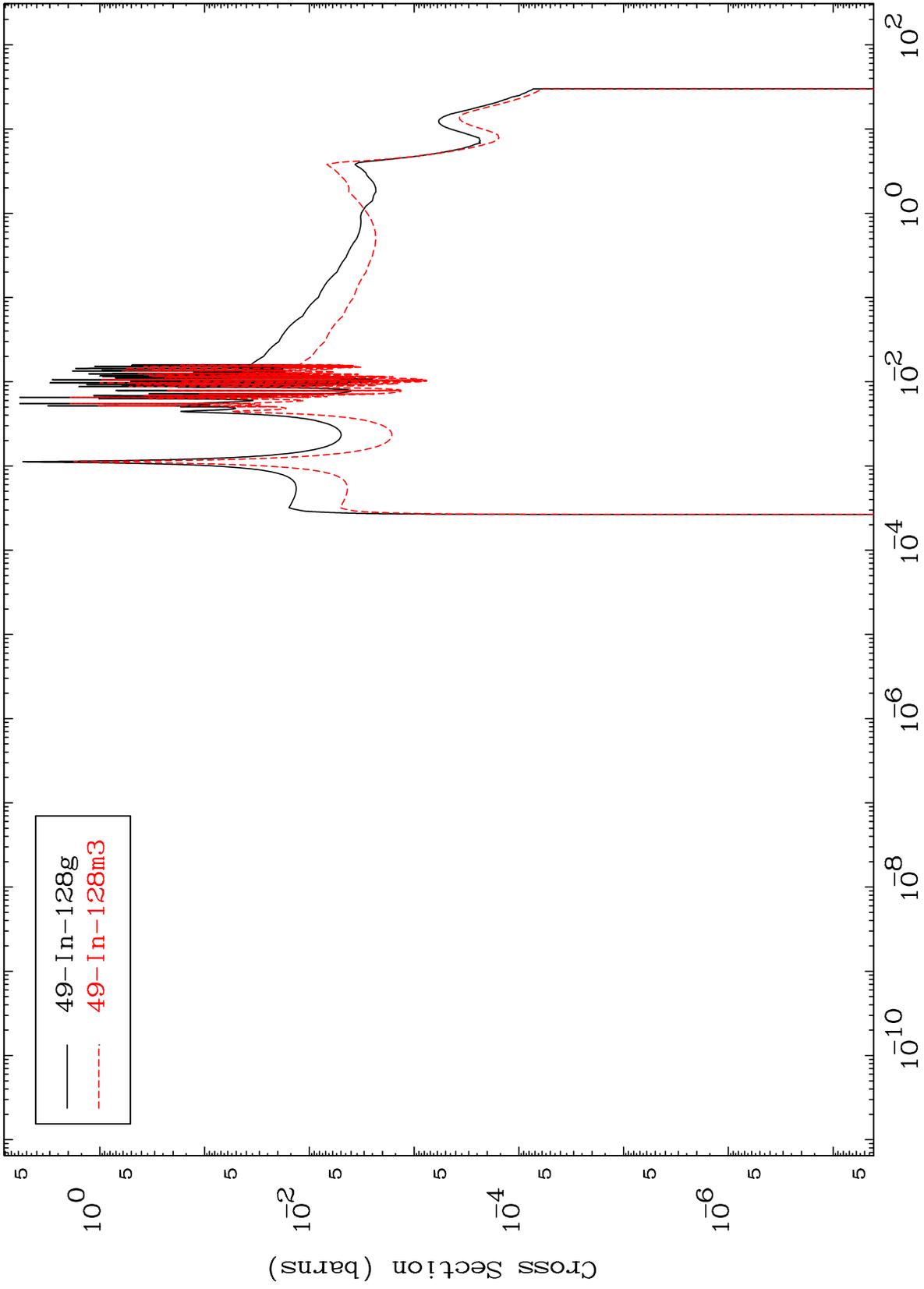
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

Radionuclide Production Cross Section (n,γ)



97

49-In-127