

Program EVALPLOT
(Version 2018-1)

by

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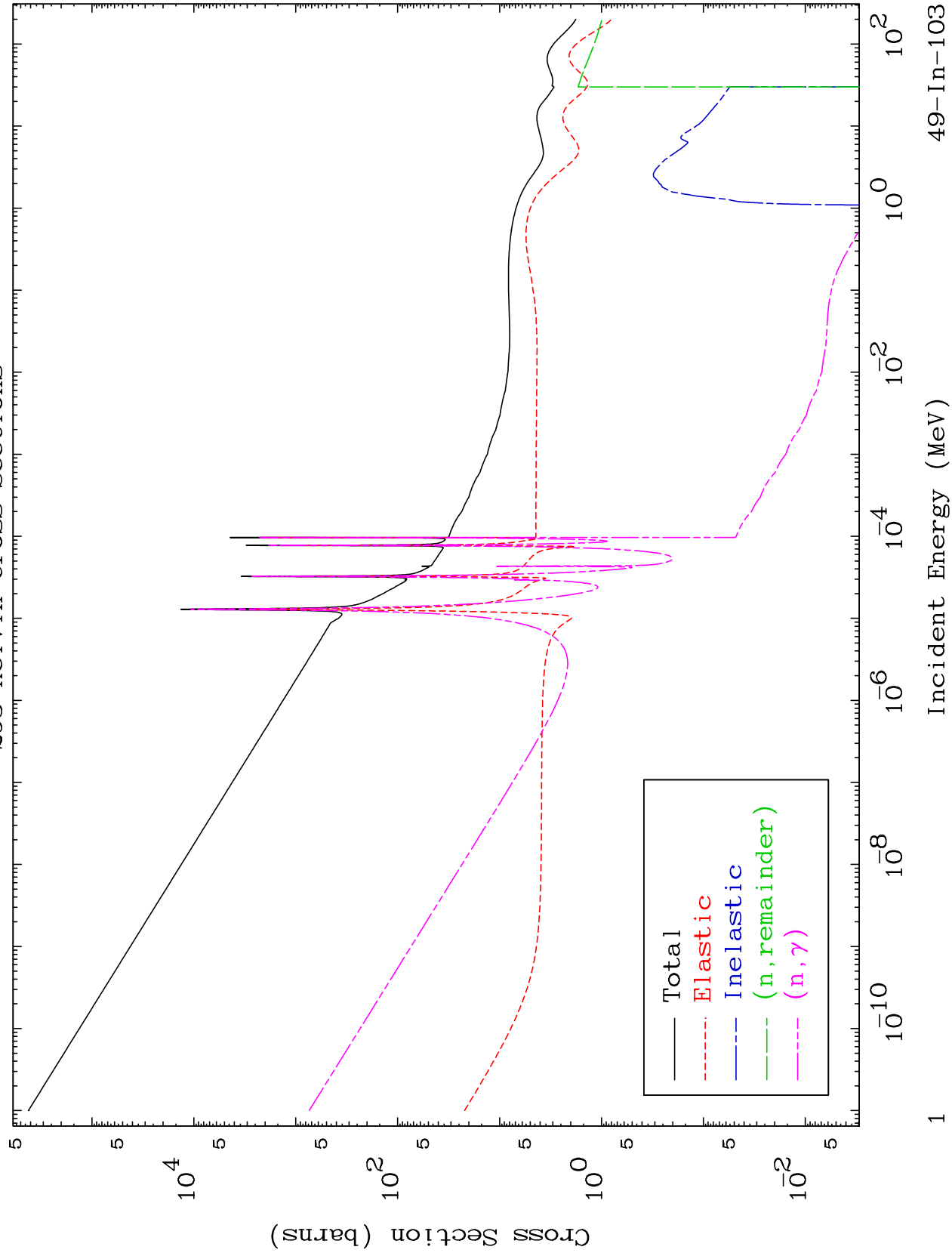
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4895

Major
293 Kelvin Cross Sections

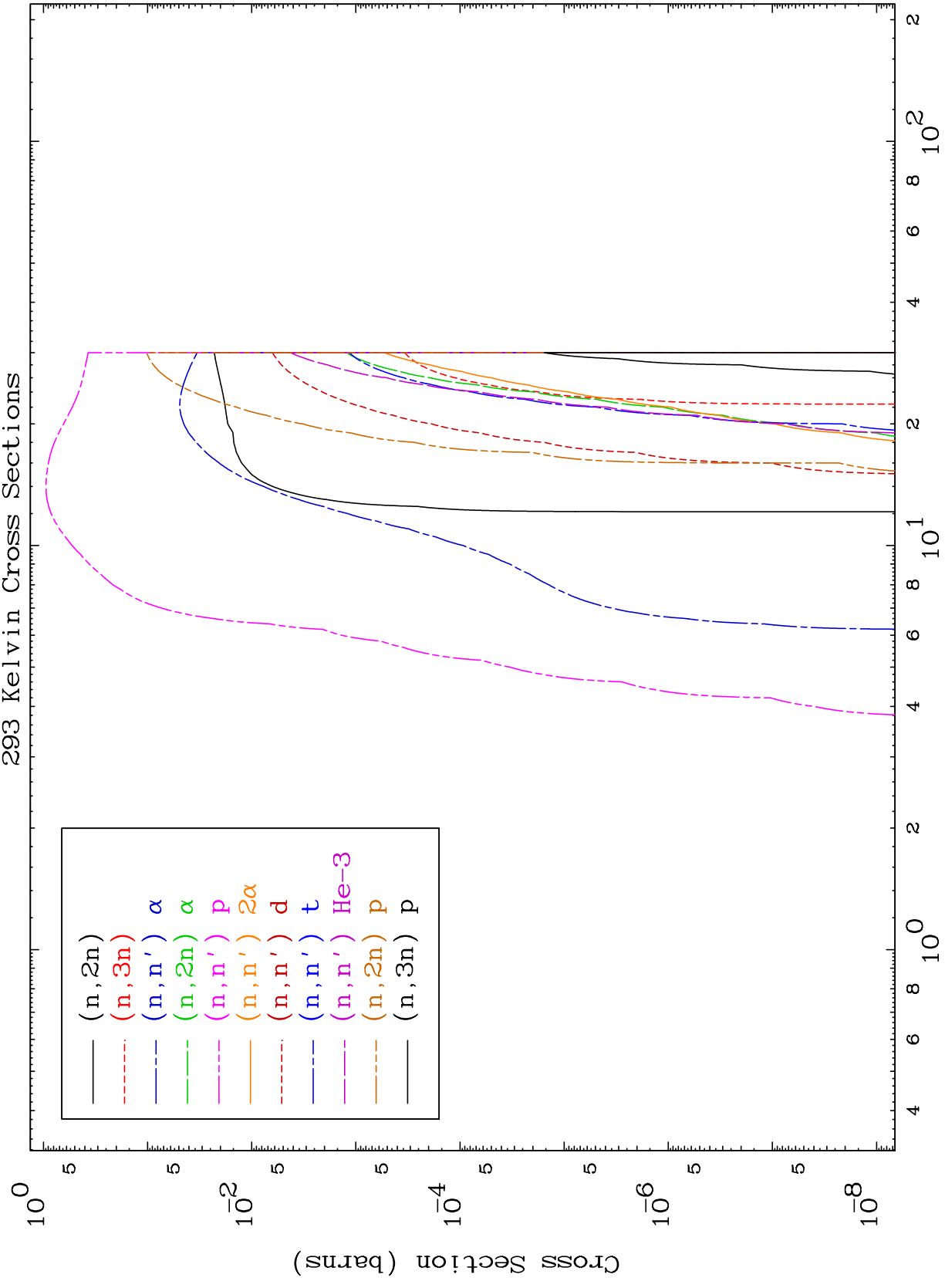
49-In-103



MAT 4895

Neutron Production
293 Kelvin Cross Sections

49-In-103



2

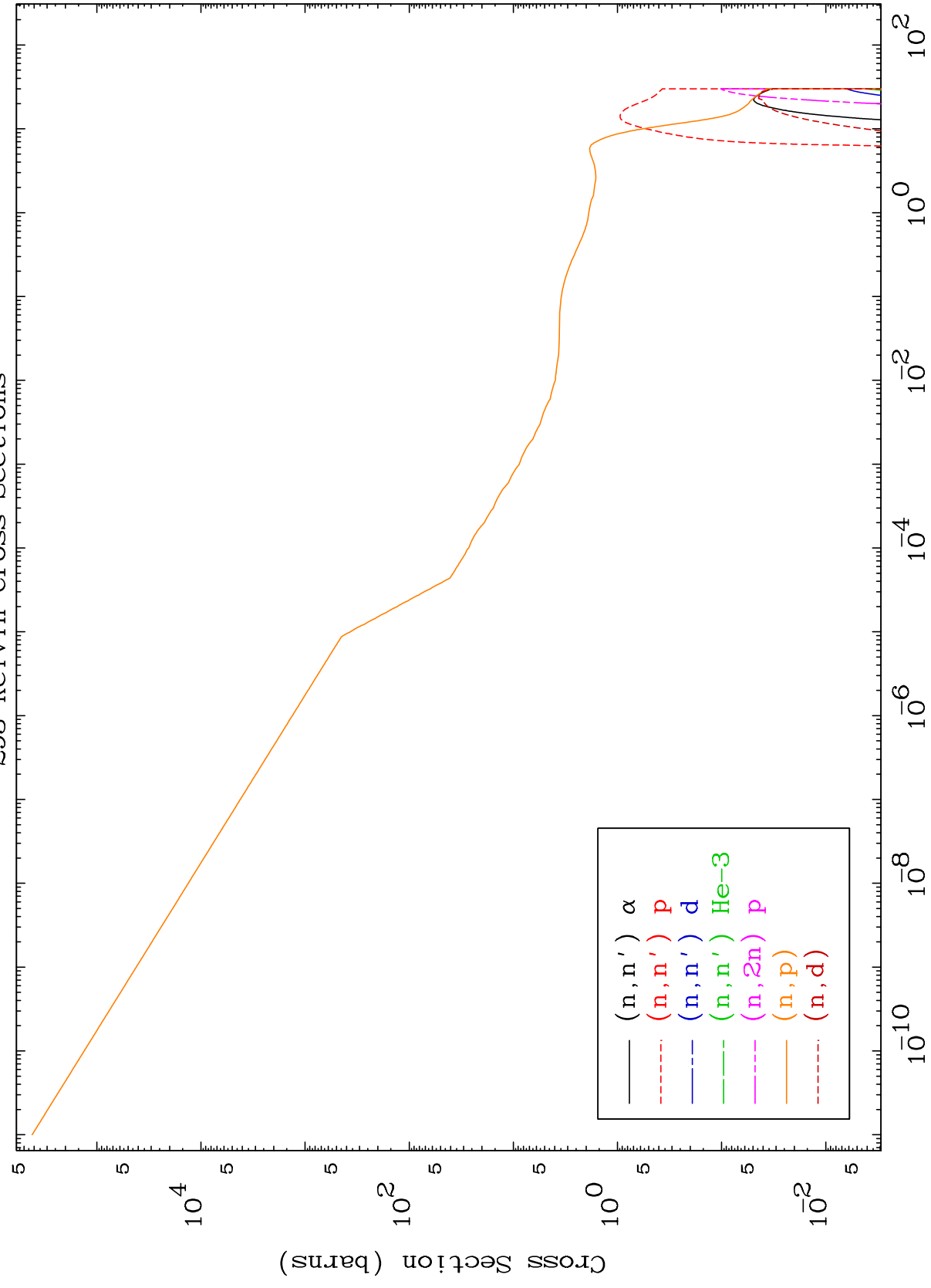
Incident Energy (MeV)

49-In-103

MAT 4895

Charged Particle
293 Kelvin Cross Sections

49-In-103

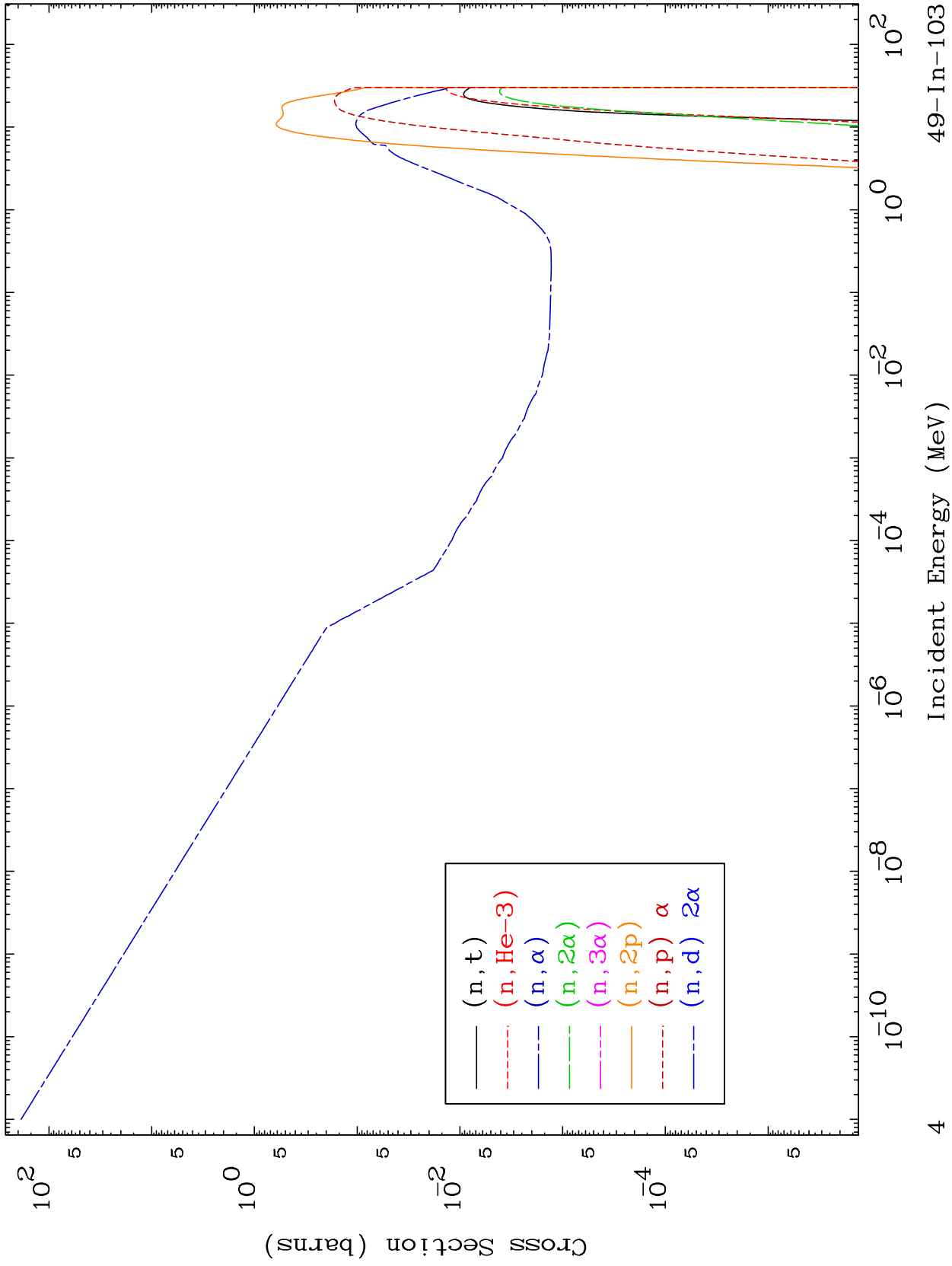


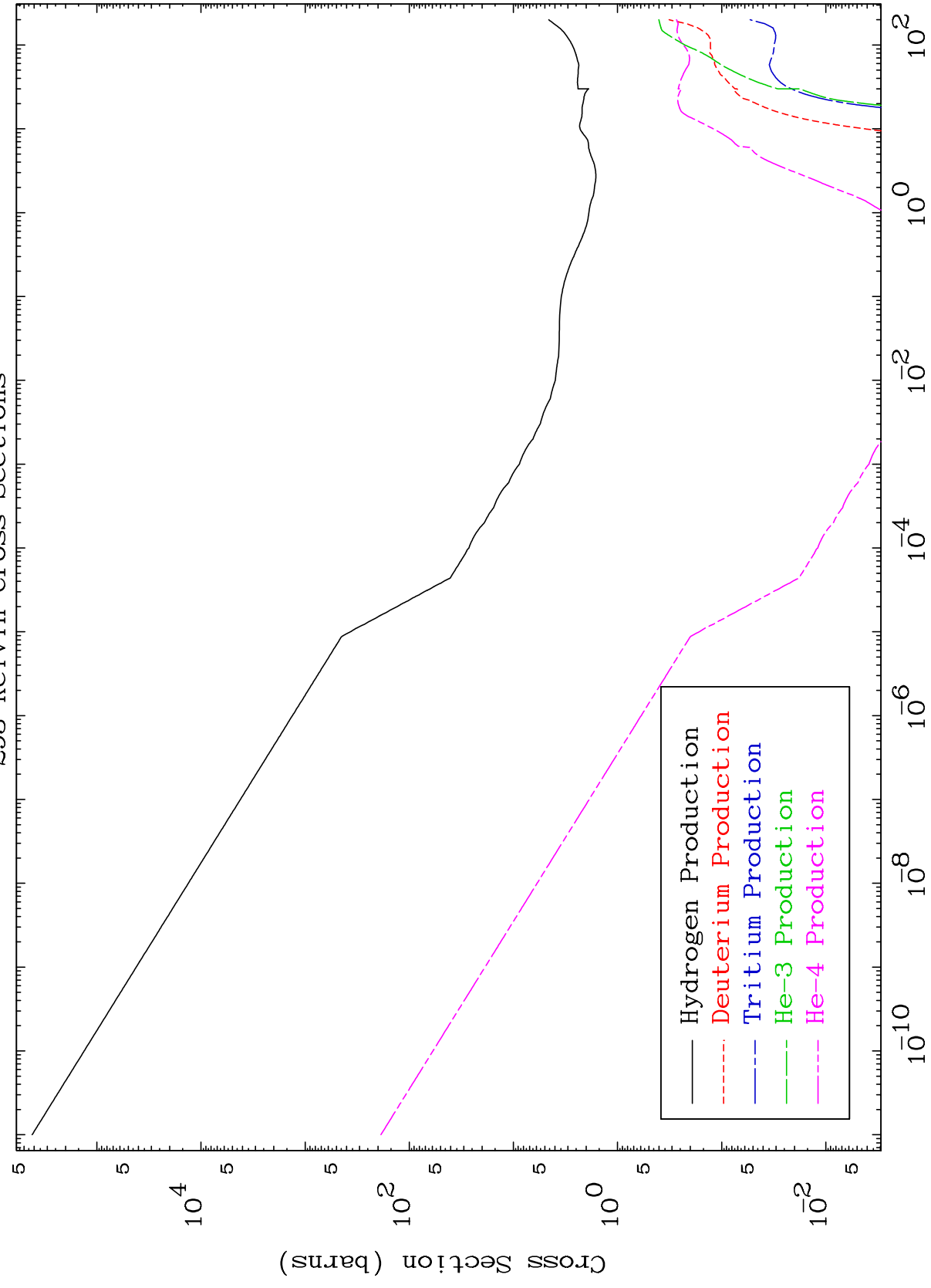
49-In-103

MAT 4895

Charged Particle
293 Kelvin Cross Sections

49-In-103



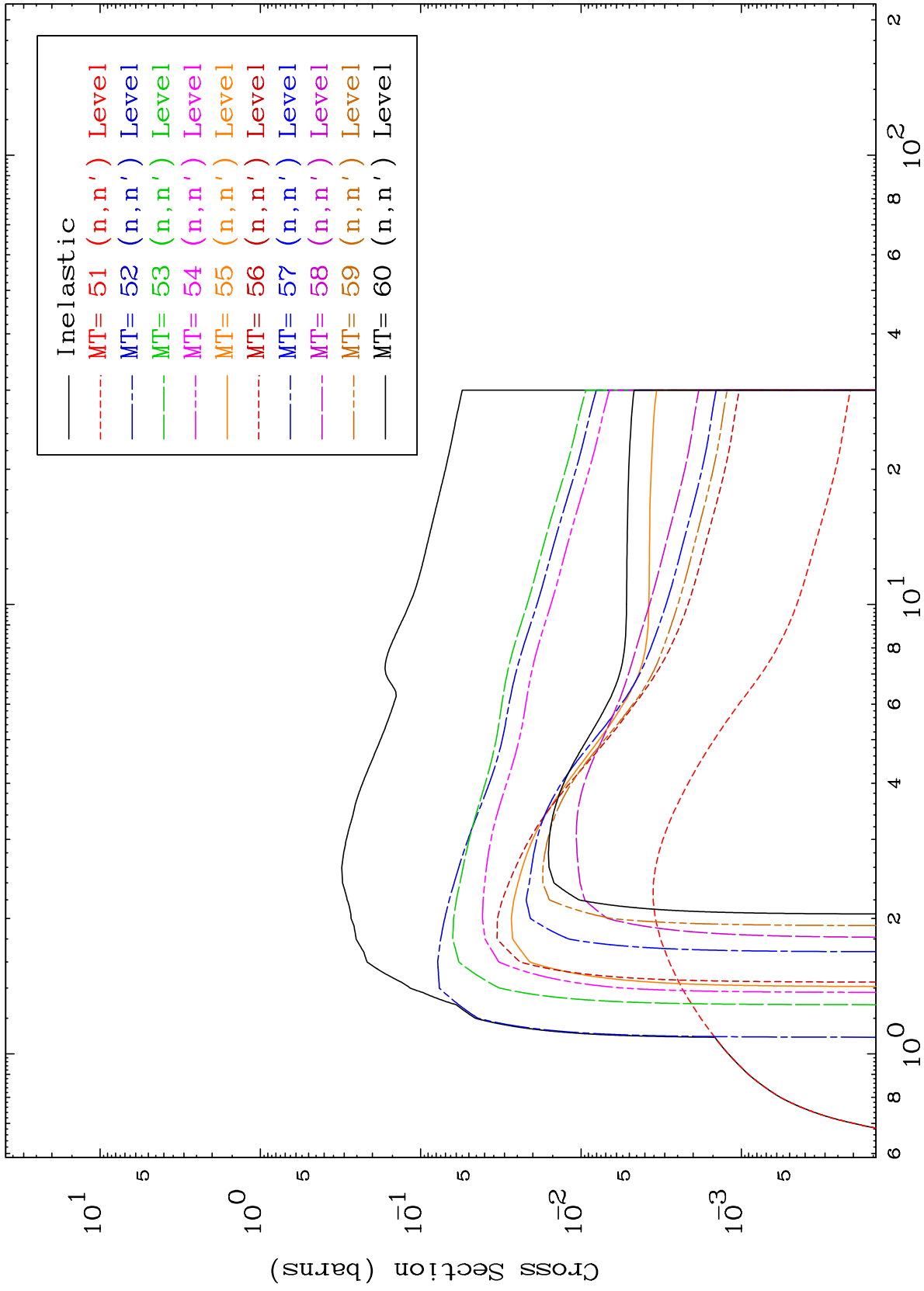


MAT 4895

(n,n') Level

49-In-103

293 Kelvin Cross Sections



6

Incident Energy (MeV)

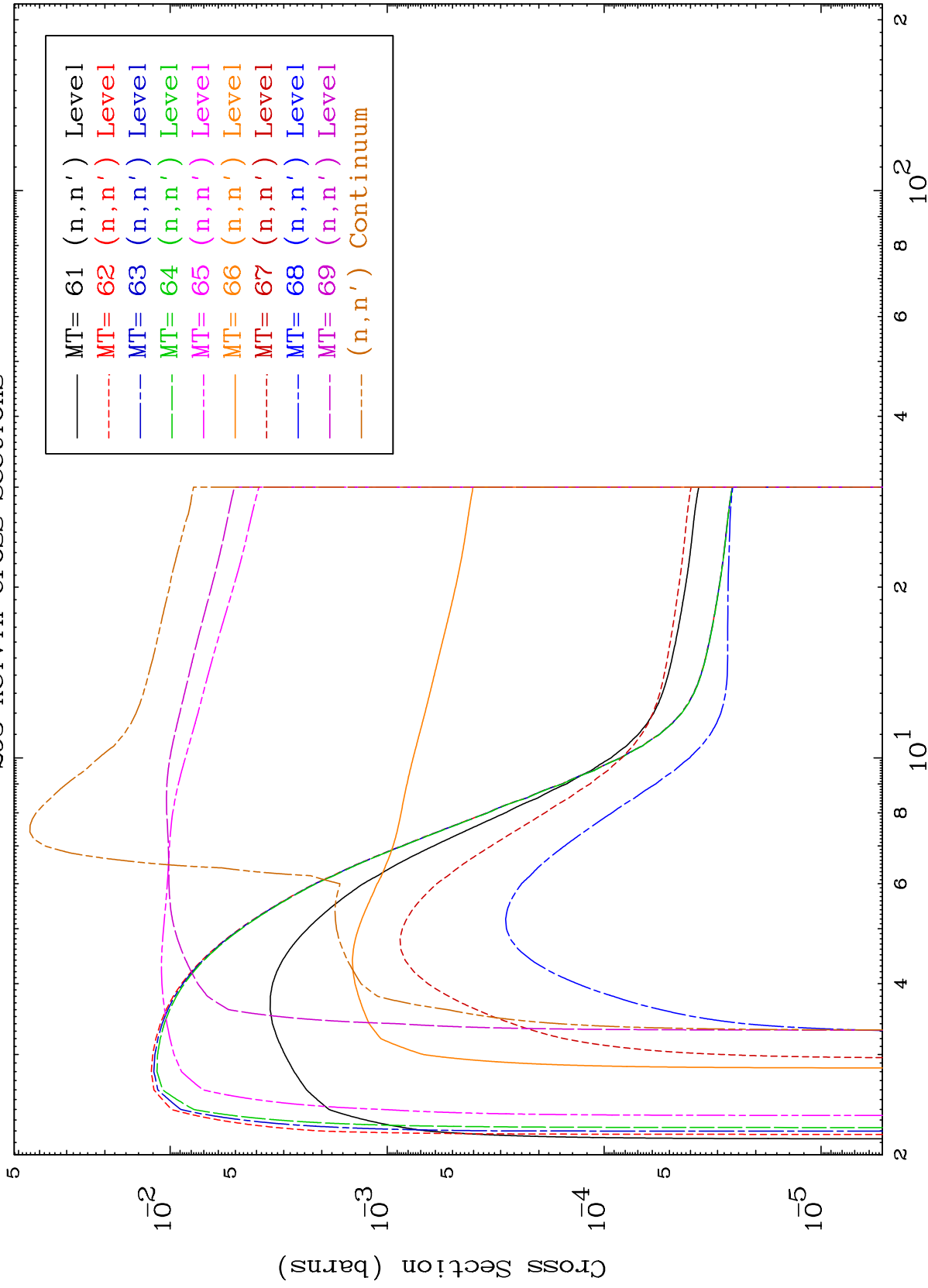
49-In-103

MAT 4895

(n,n') Level

49-In-103

293 Kelvin Cross Sections



7

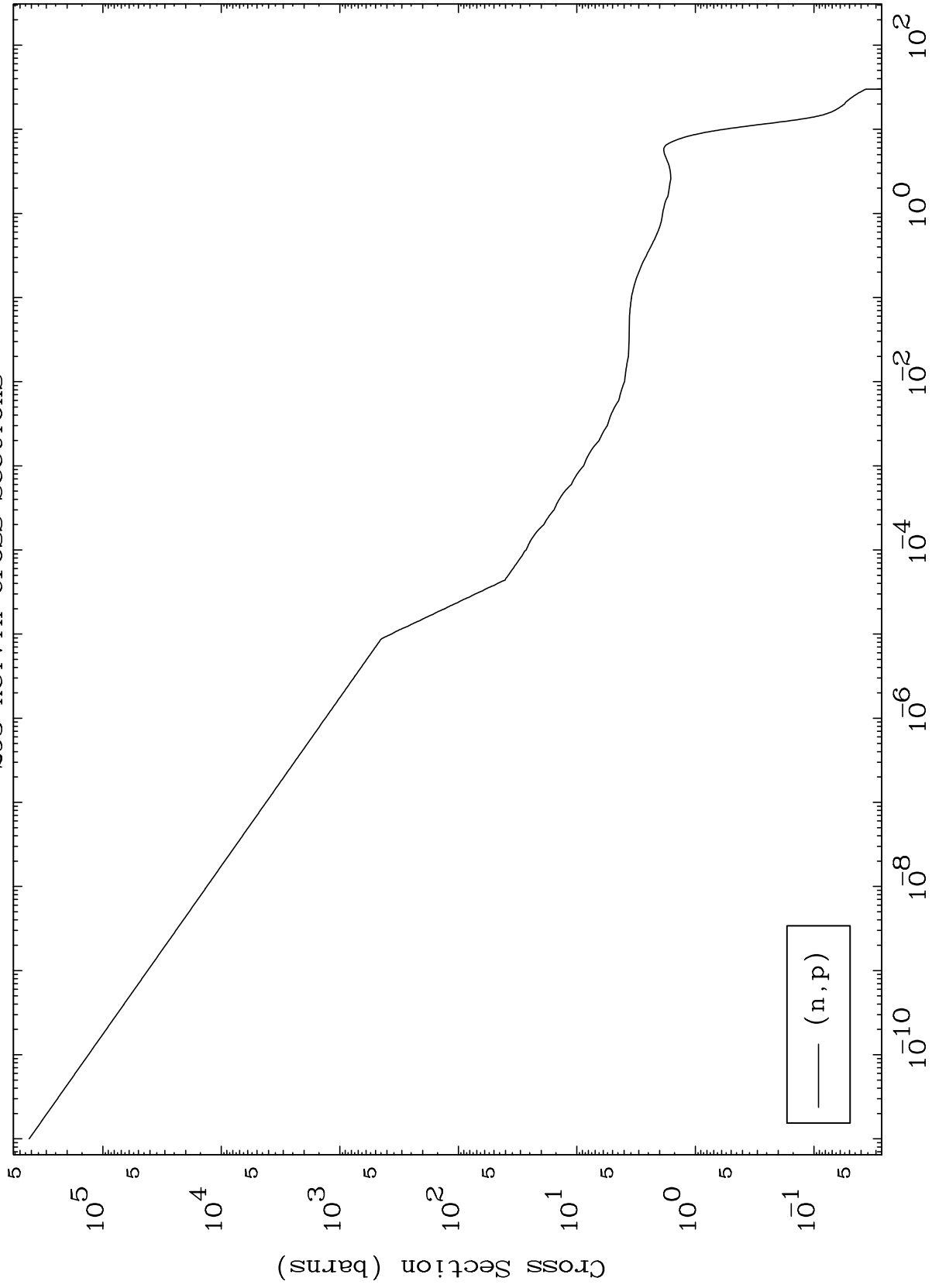
Incident Energy (MeV)

49-In-103

MAT 4895

(n,p) Levels
293 Kelvin Cross Sections

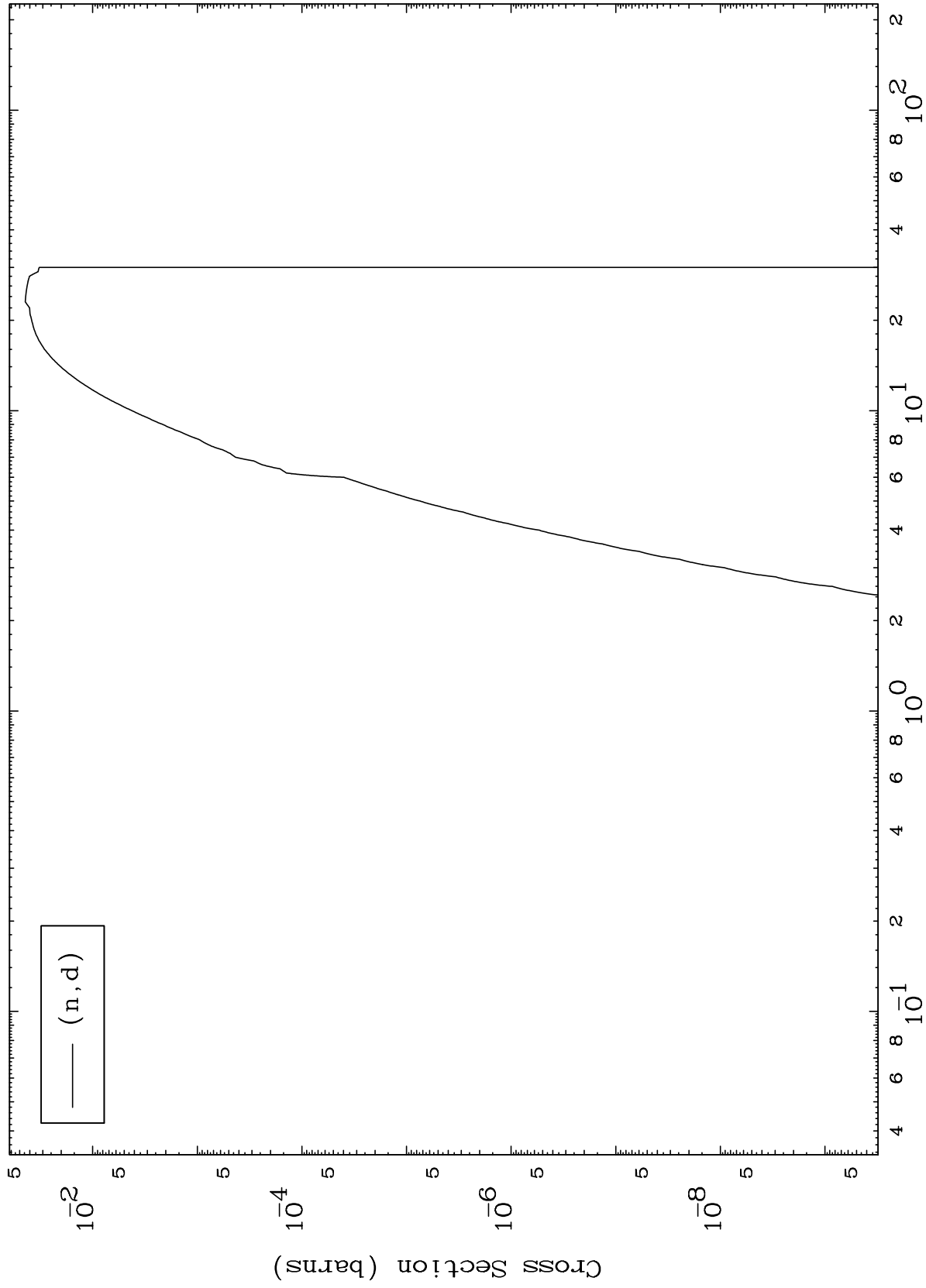
49-In-103



MAT 4895

(n,d) Levels
293 Kelvin Cross Sections

49-In-103



9

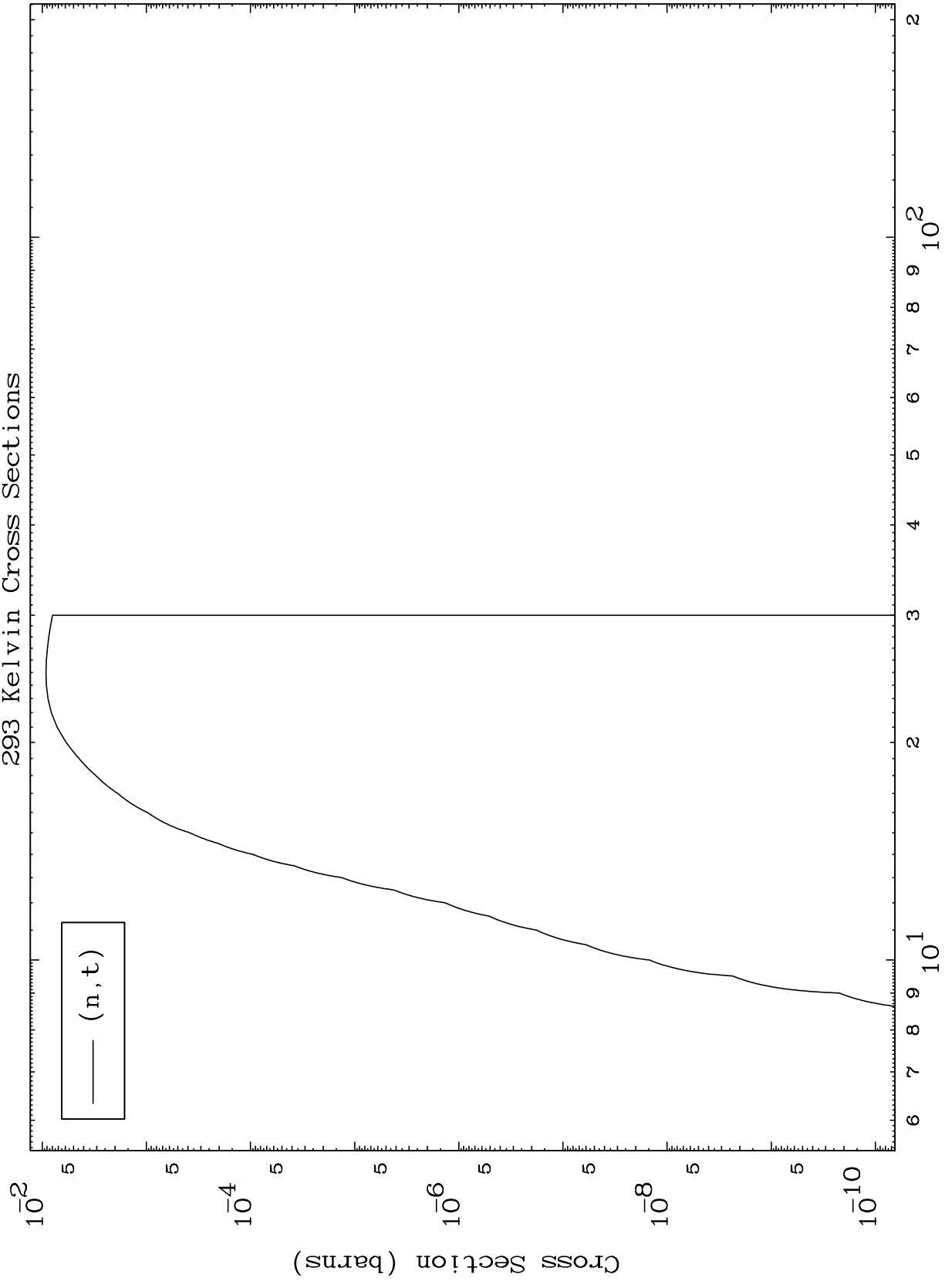
Incident Energy (MeV)

49-In-103

MAT 4895

(n,t) Levels
293 Kelvin Cross Sections

49-In-103



10

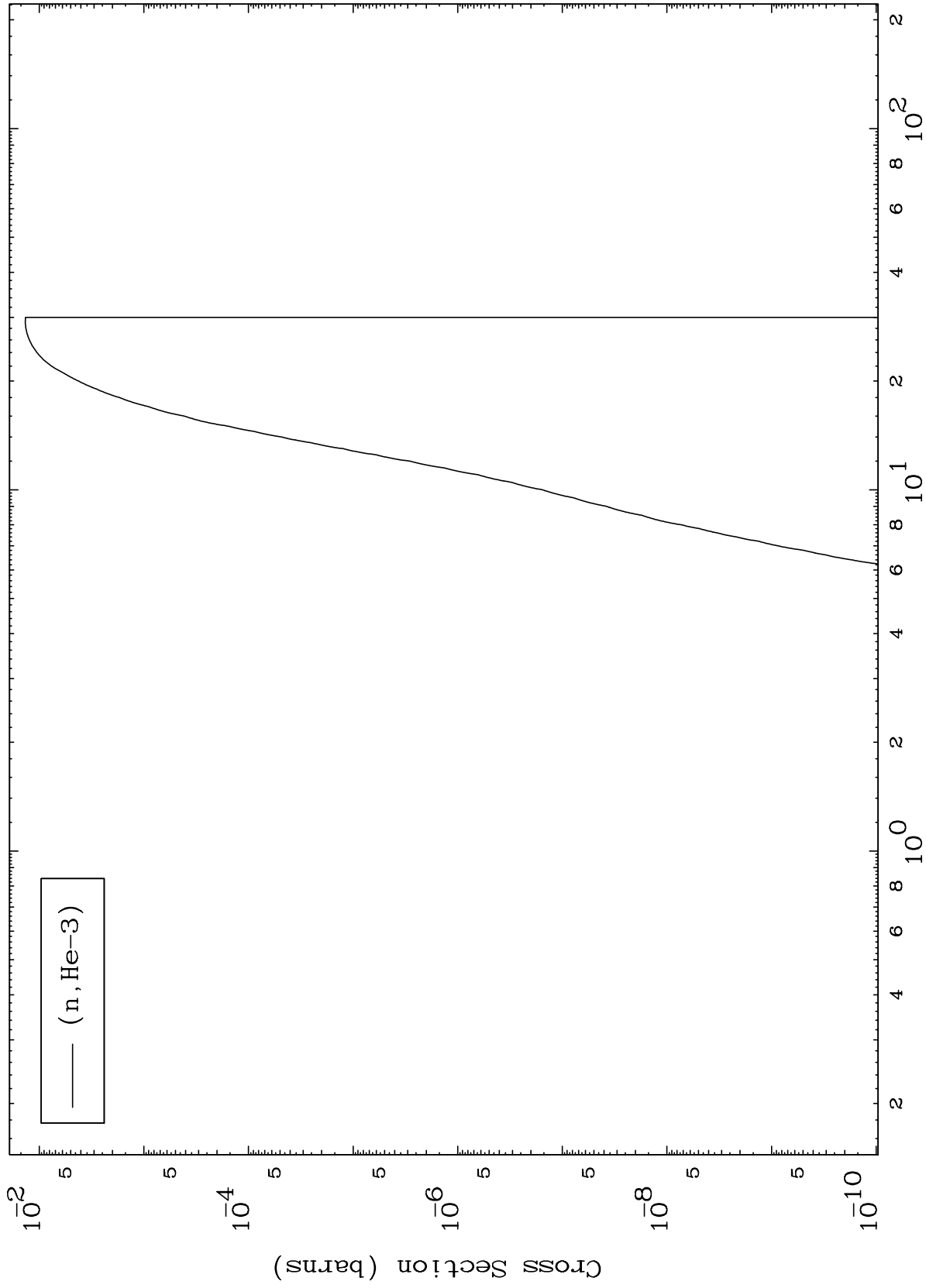
Incident Energy (MeV)

49-In-103

MAT 4895

(n,He3) Levels
293 Kelvin Cross Sections

49-In-103



11

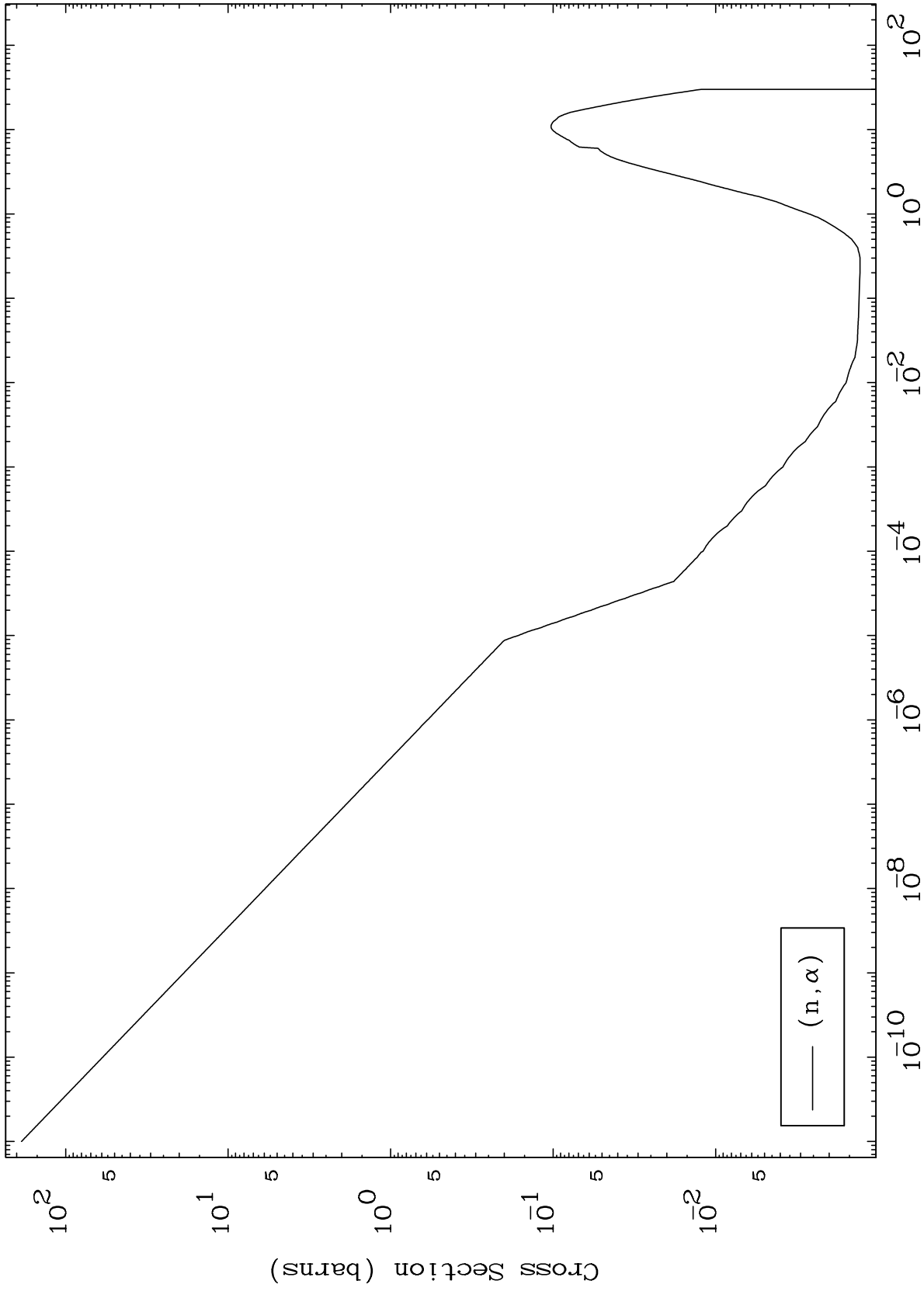
Incident Energy (MeV)

49-In-103

MAT 4895

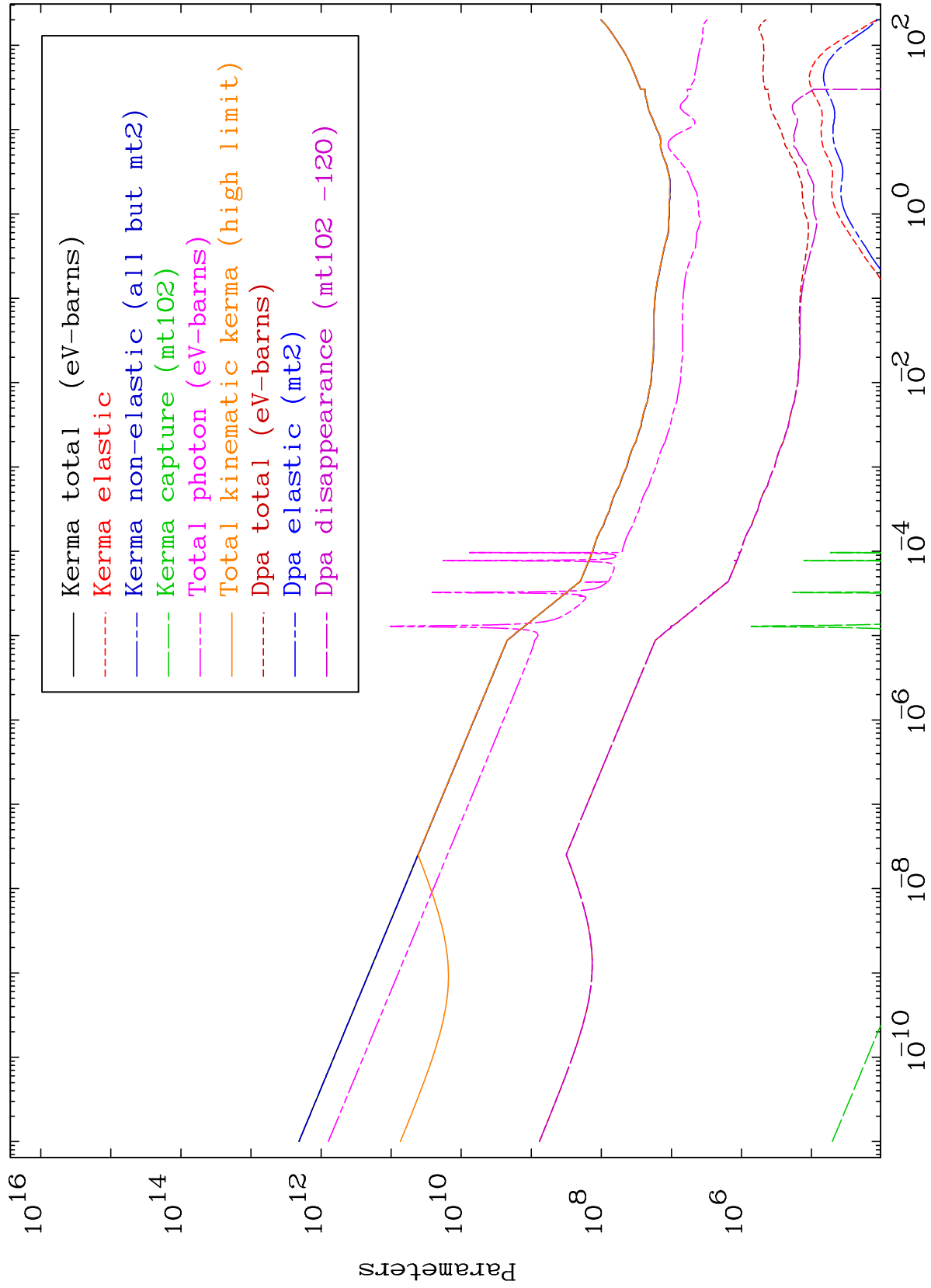
(n,α) Levels
293 Kelvin Cross Sections

49-In-103



12

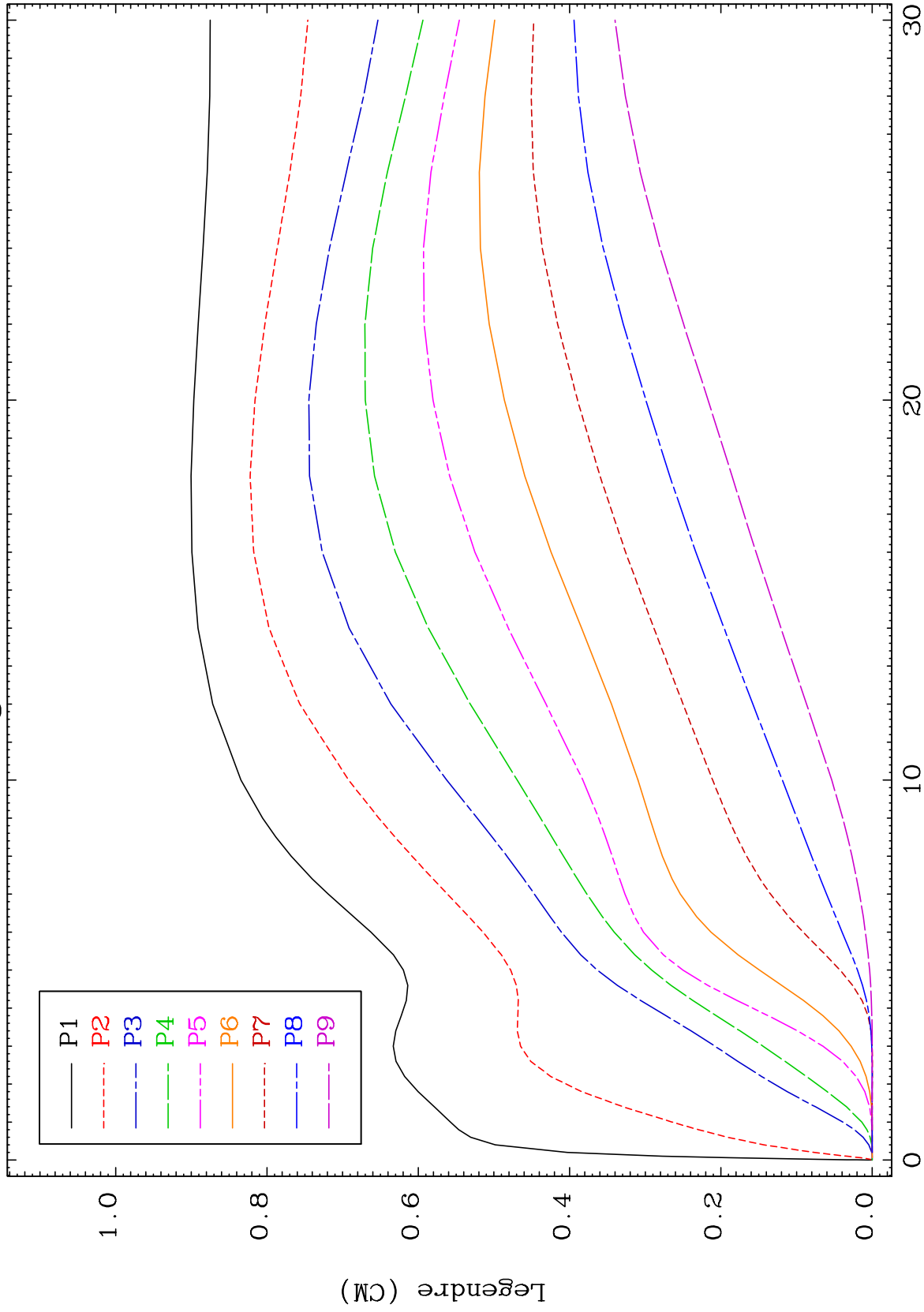
49-In-103



MAT 4895

Elastic Legendre Coefficients

49-In-103



14

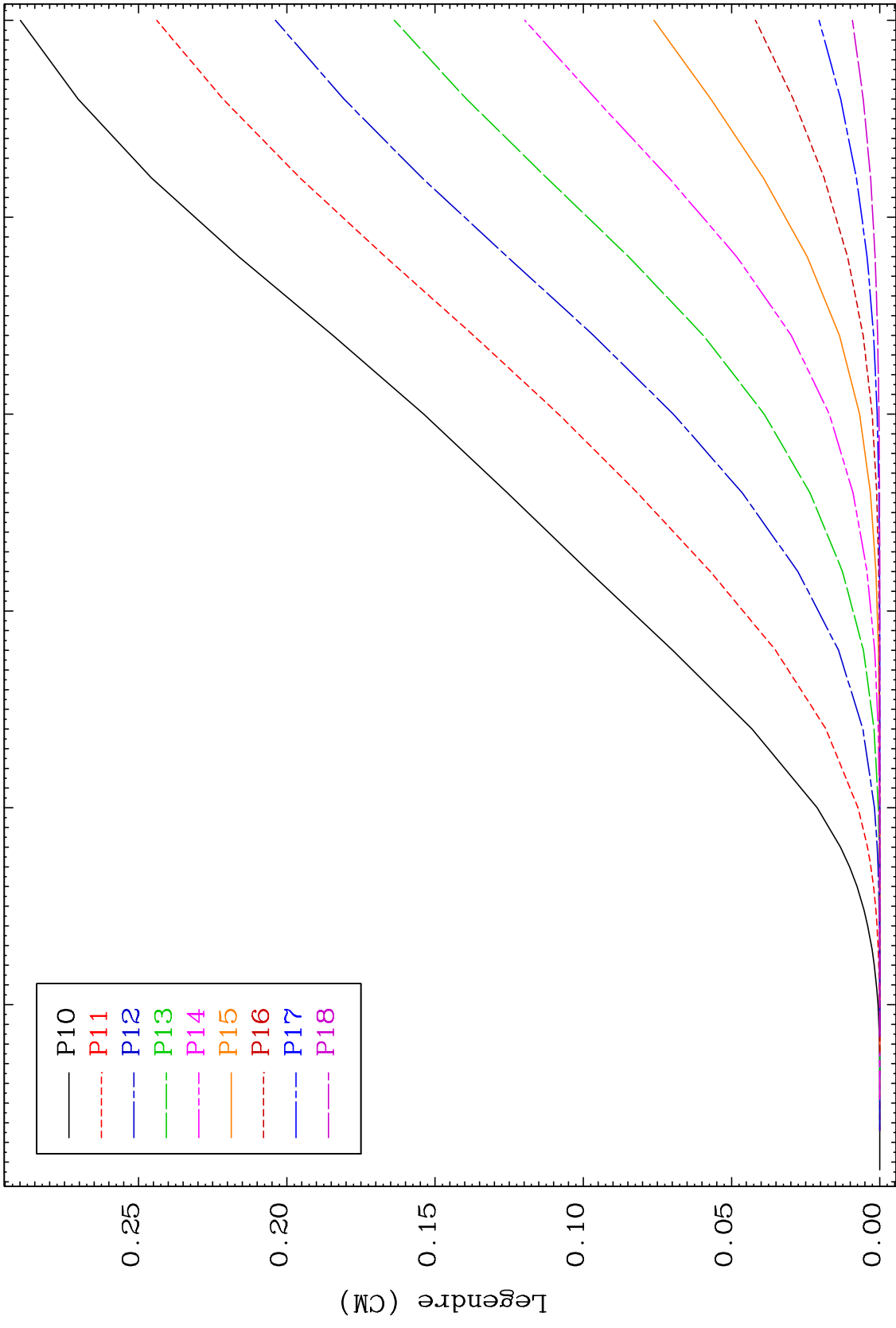
Incident Energy (MeV)

49-In-103

MAT 4895

Elastic Legendre Coefficients

49-In-103



15

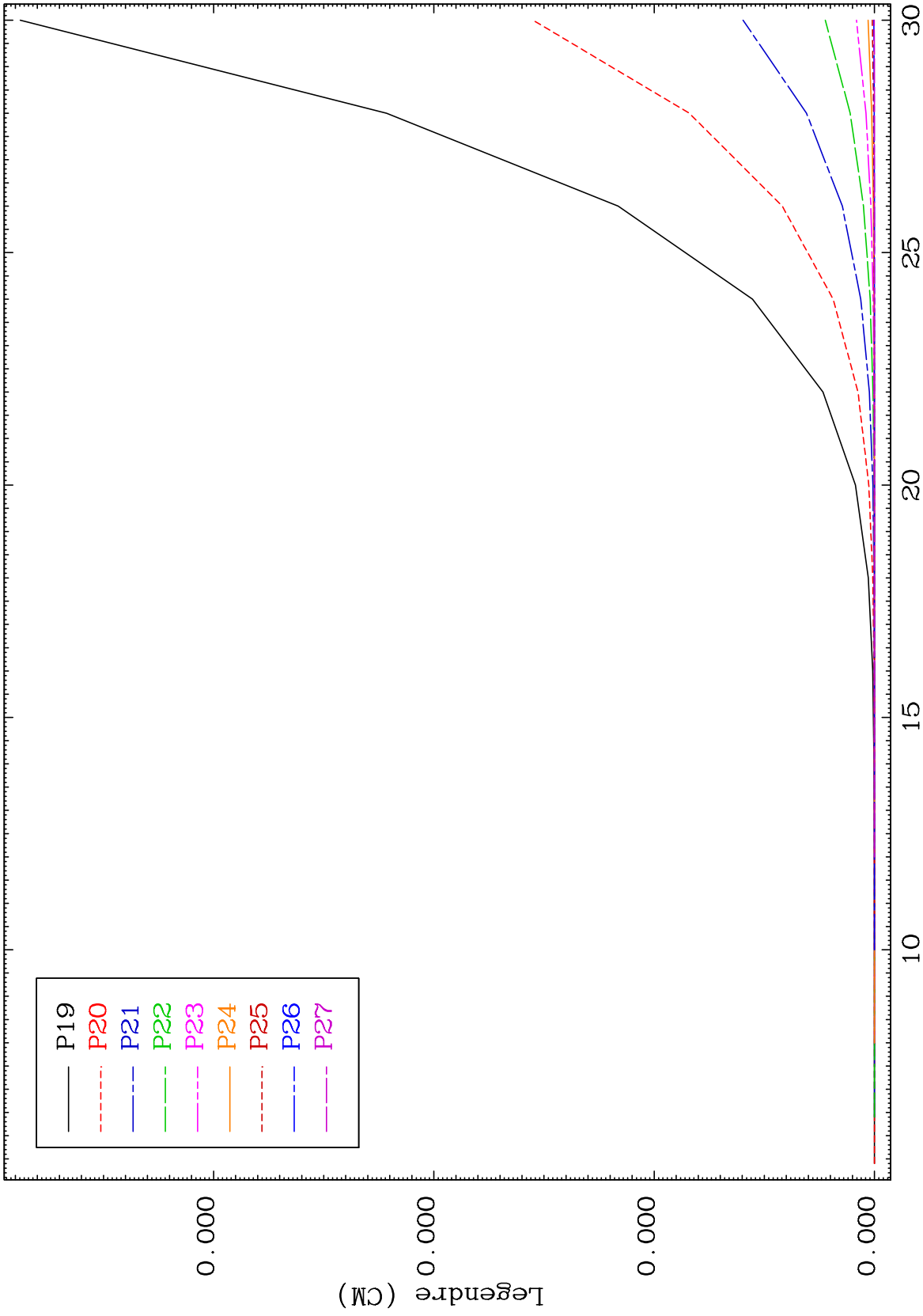
Incident Energy (MeV)

49-In-103

MAT 4895

Elastic Legendre Coefficients

49-In-103



16

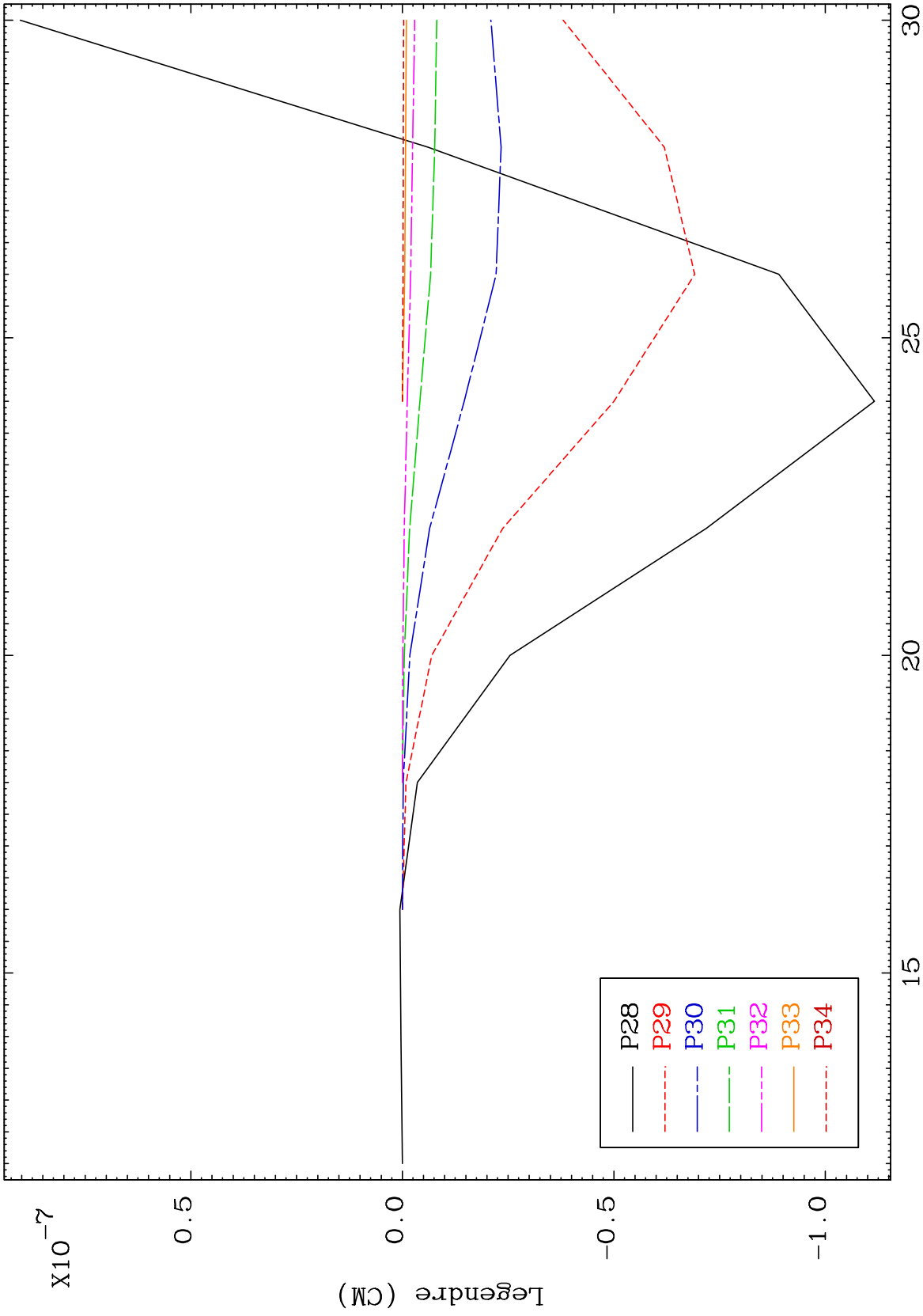
Incident Energy (MeV)

49-In-103

MAT 4895

Elastic Legendre Coefficients

49-In-103



17

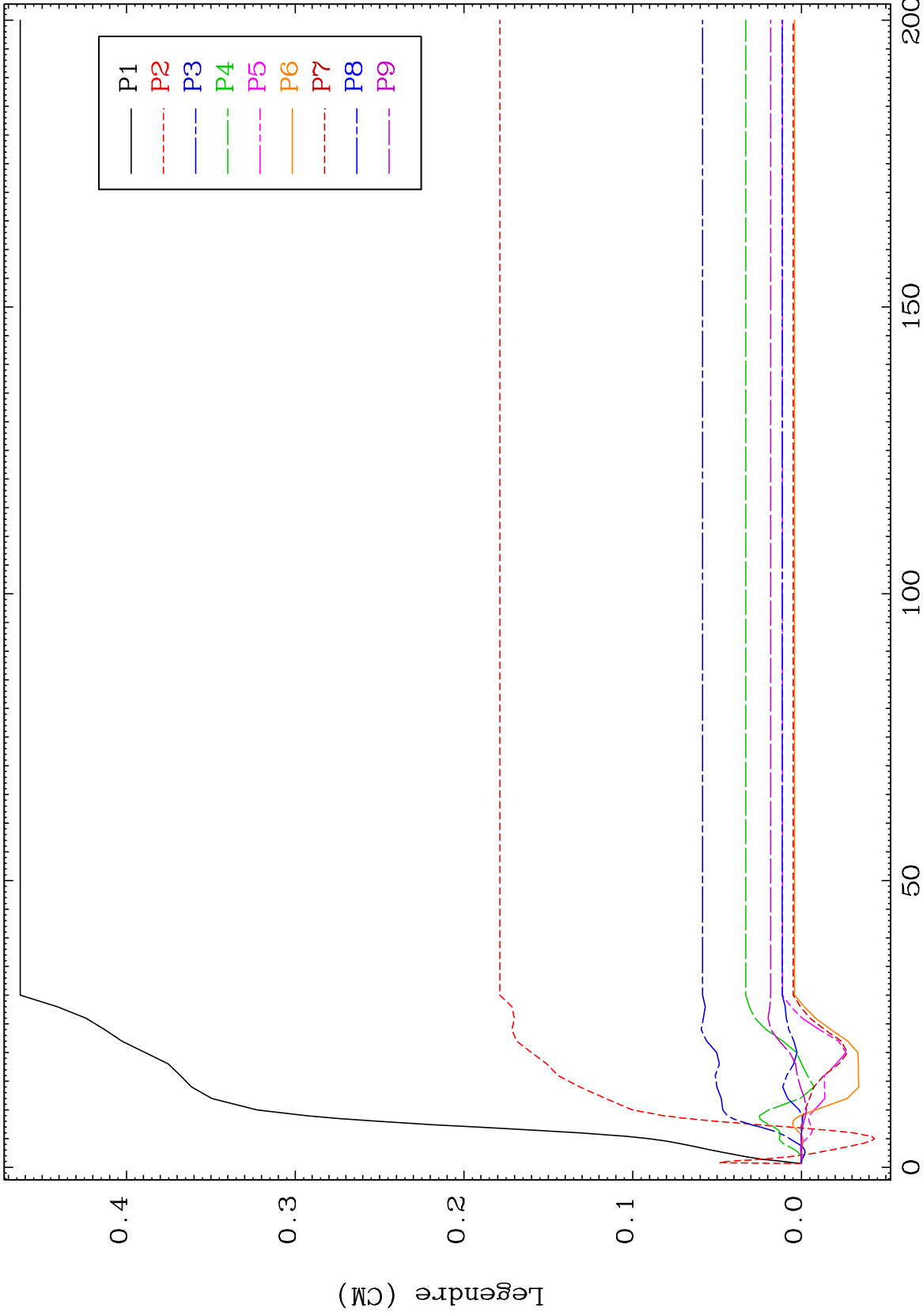
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



18

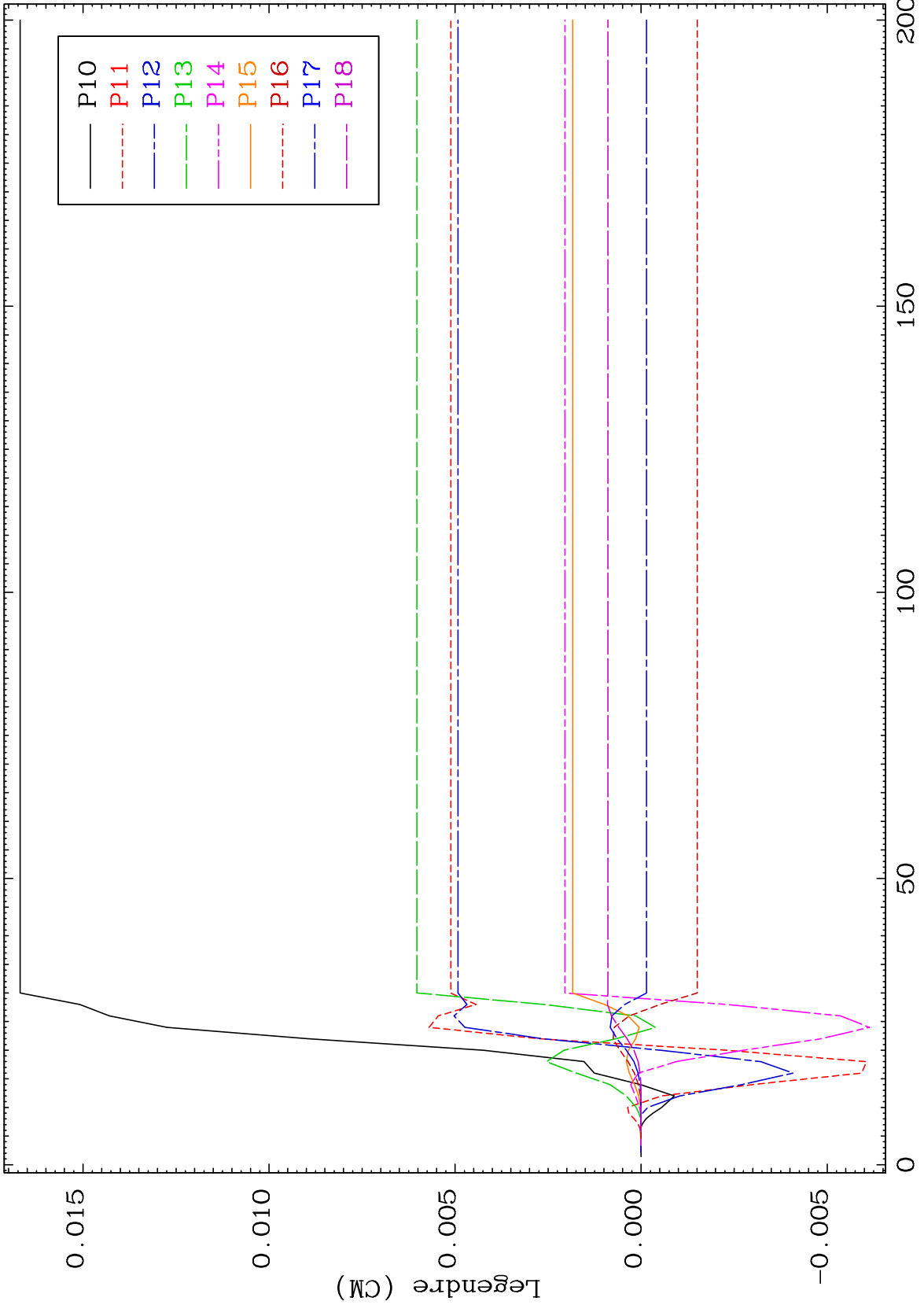
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



19

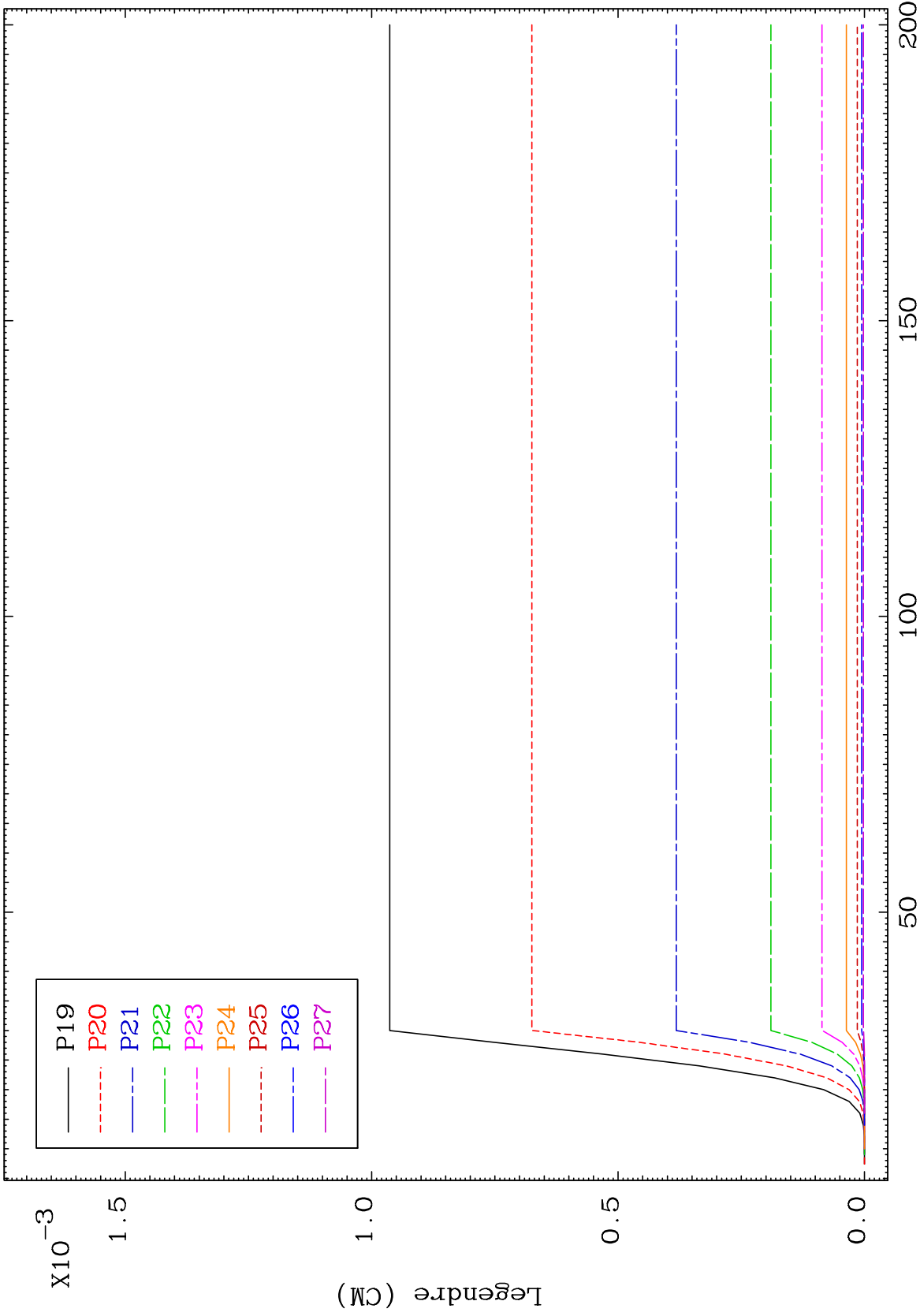
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



20

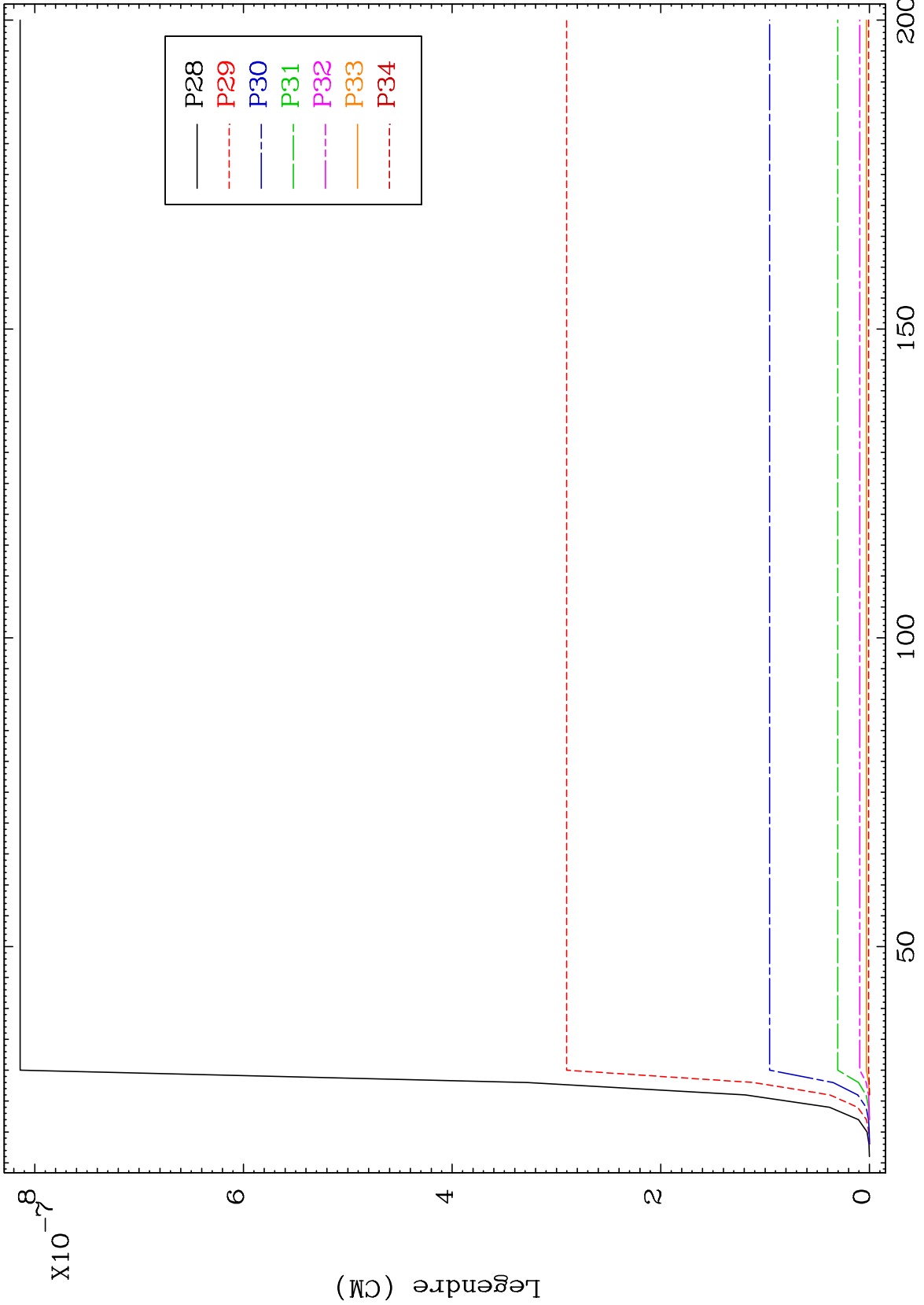
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



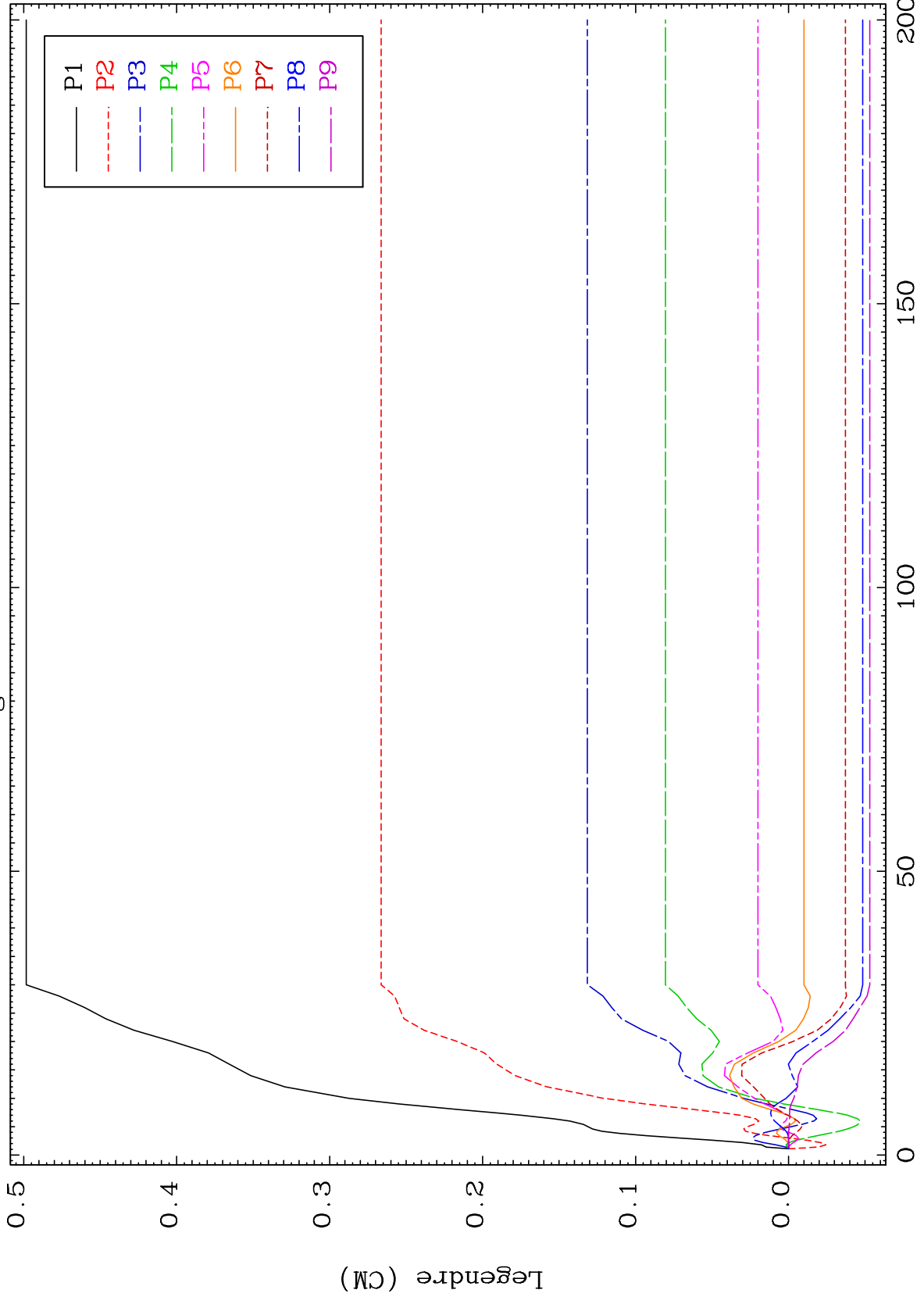
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49-In-103

MAT 4895

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

49-In-103



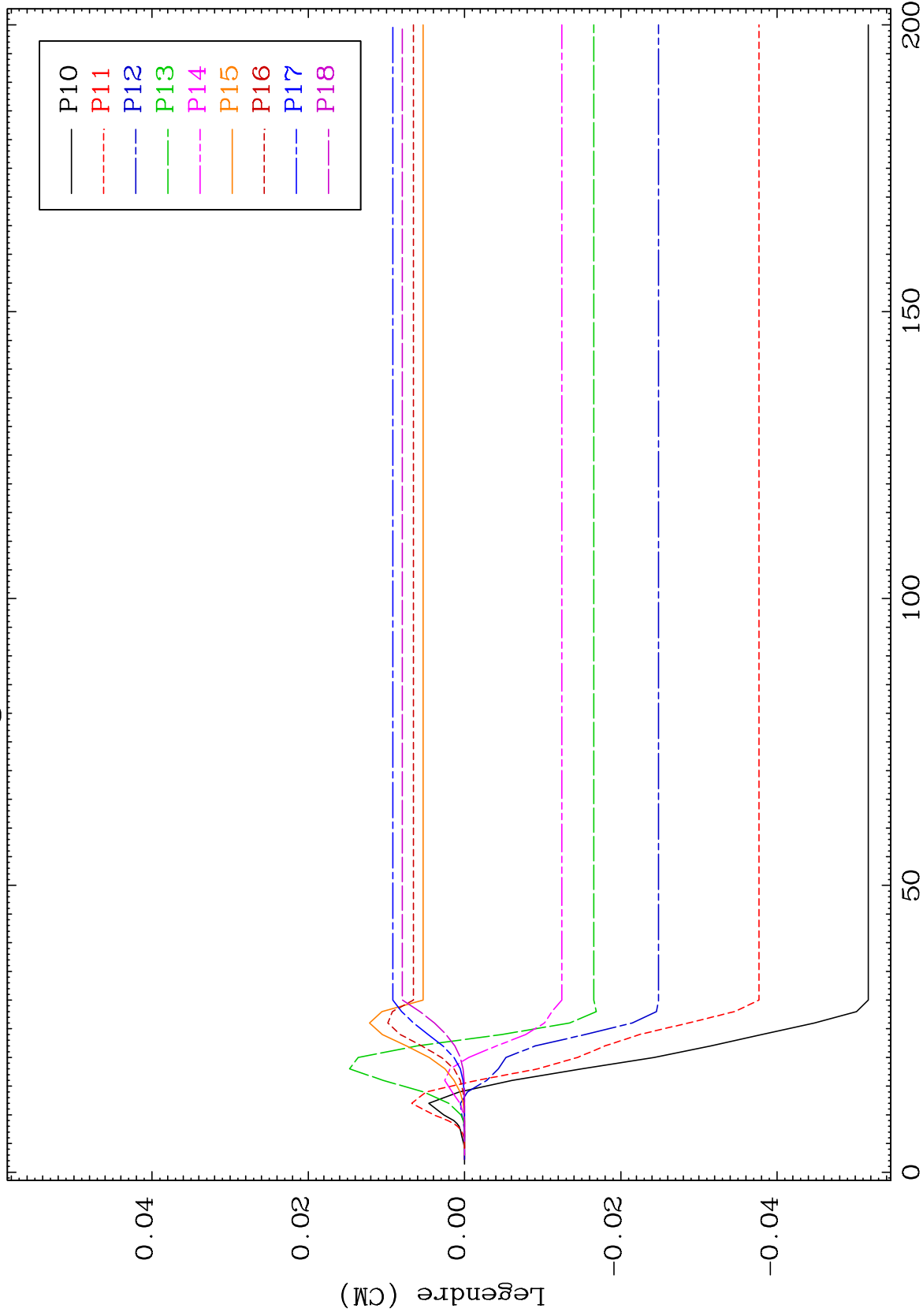
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49-In-103

MAT 4895

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

49-In-103



23

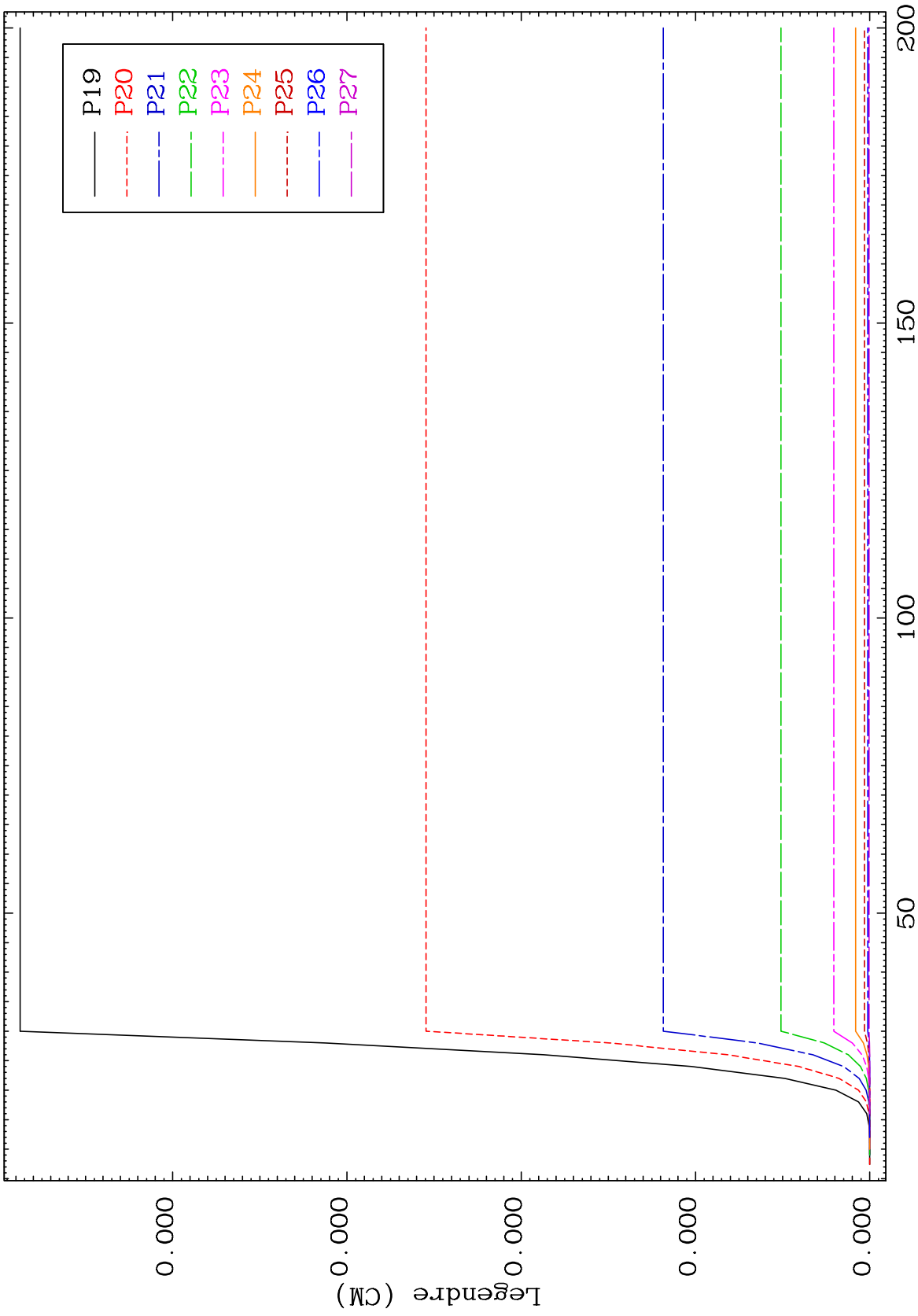
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



24

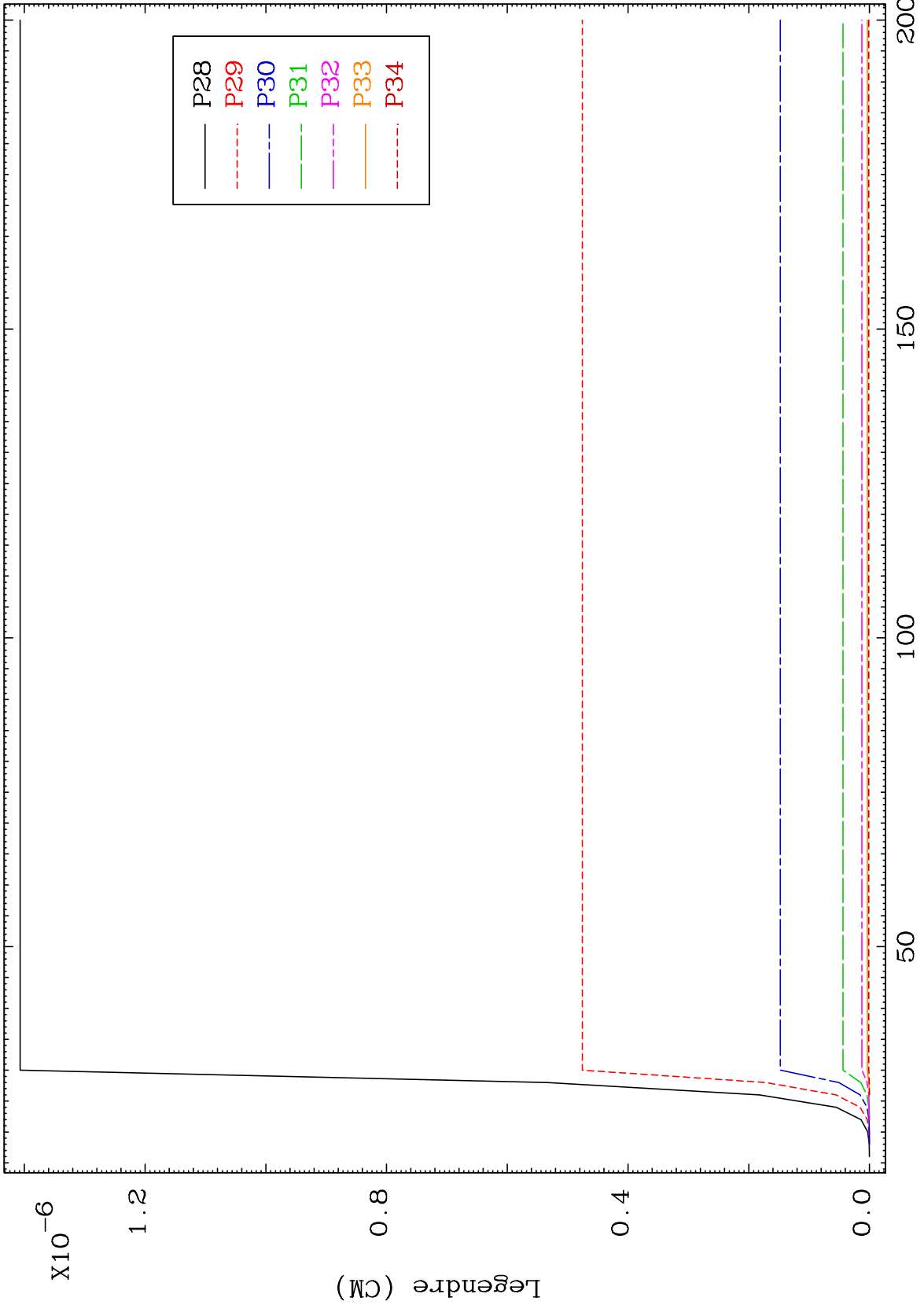
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



25

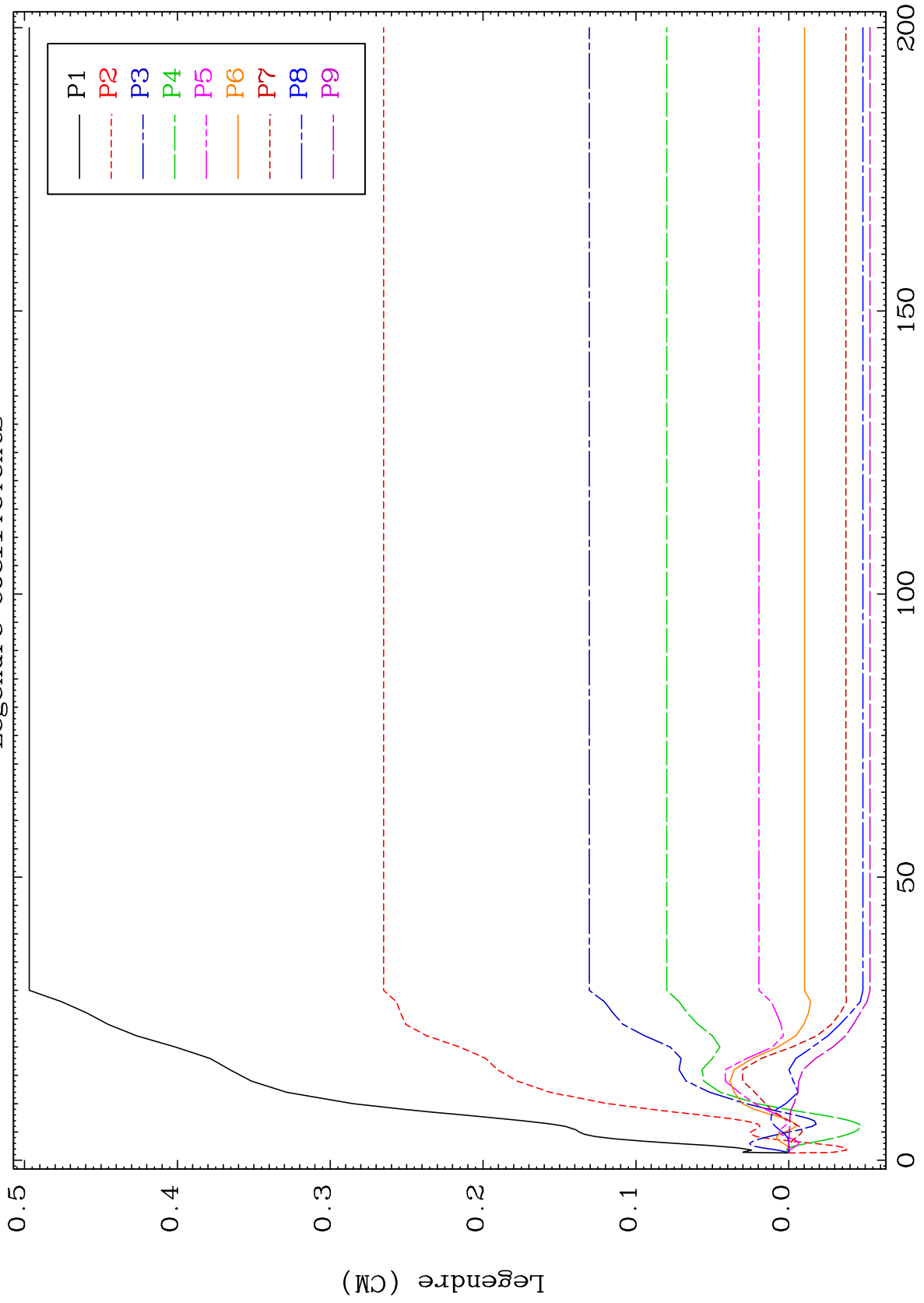
49-In-103

49-In-103

MAT 4895

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

49-In-103



26

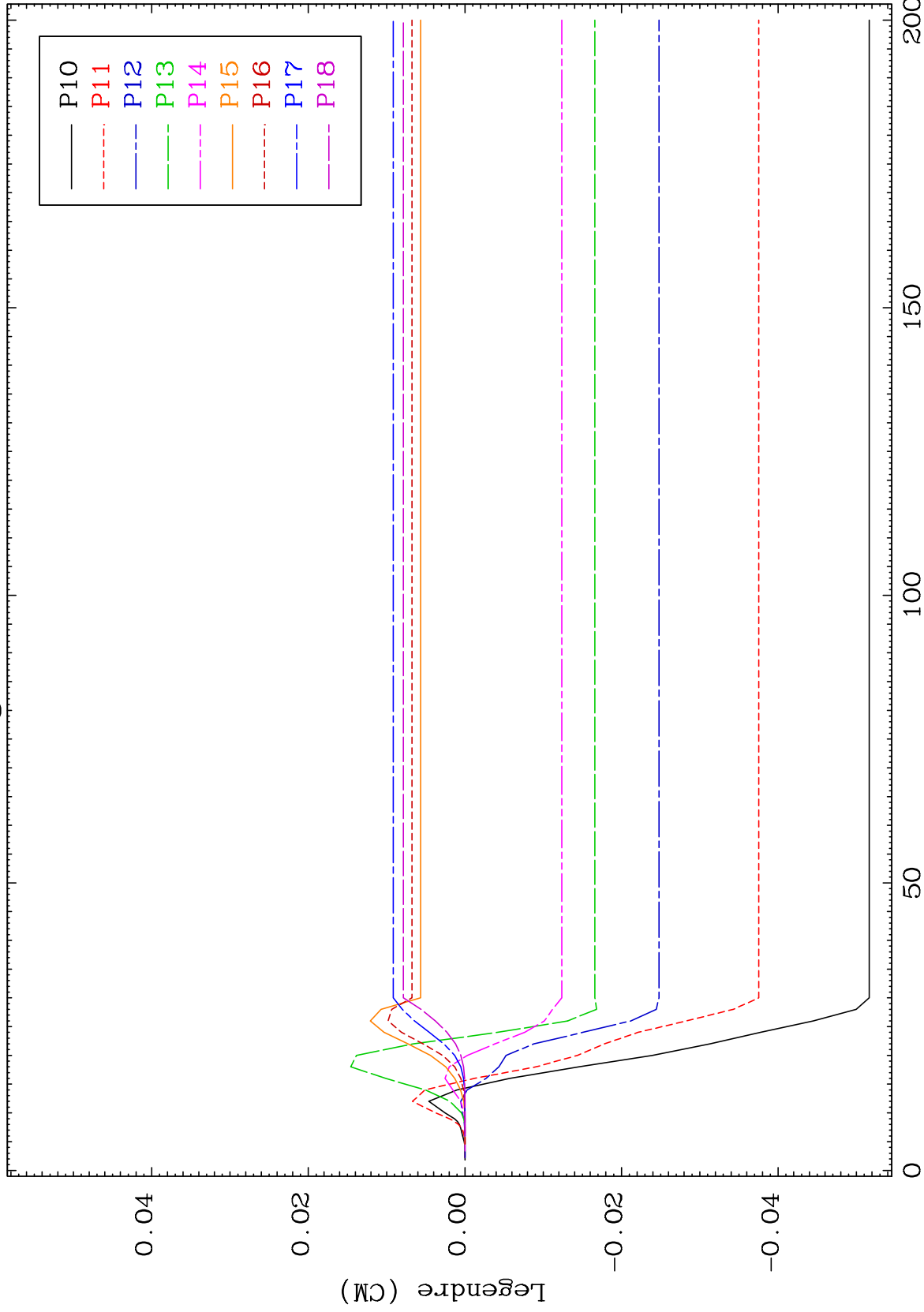
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



27

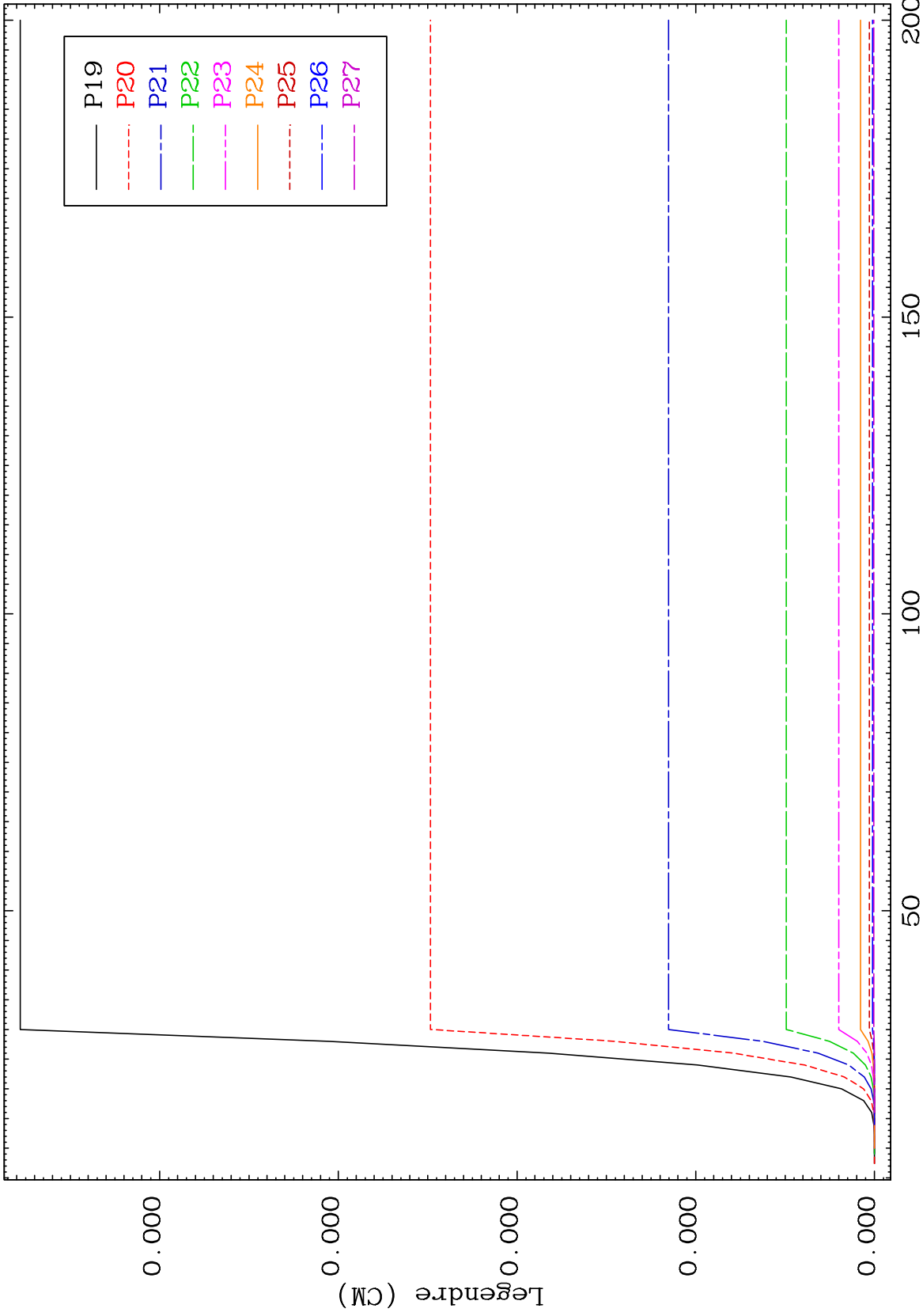
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



28

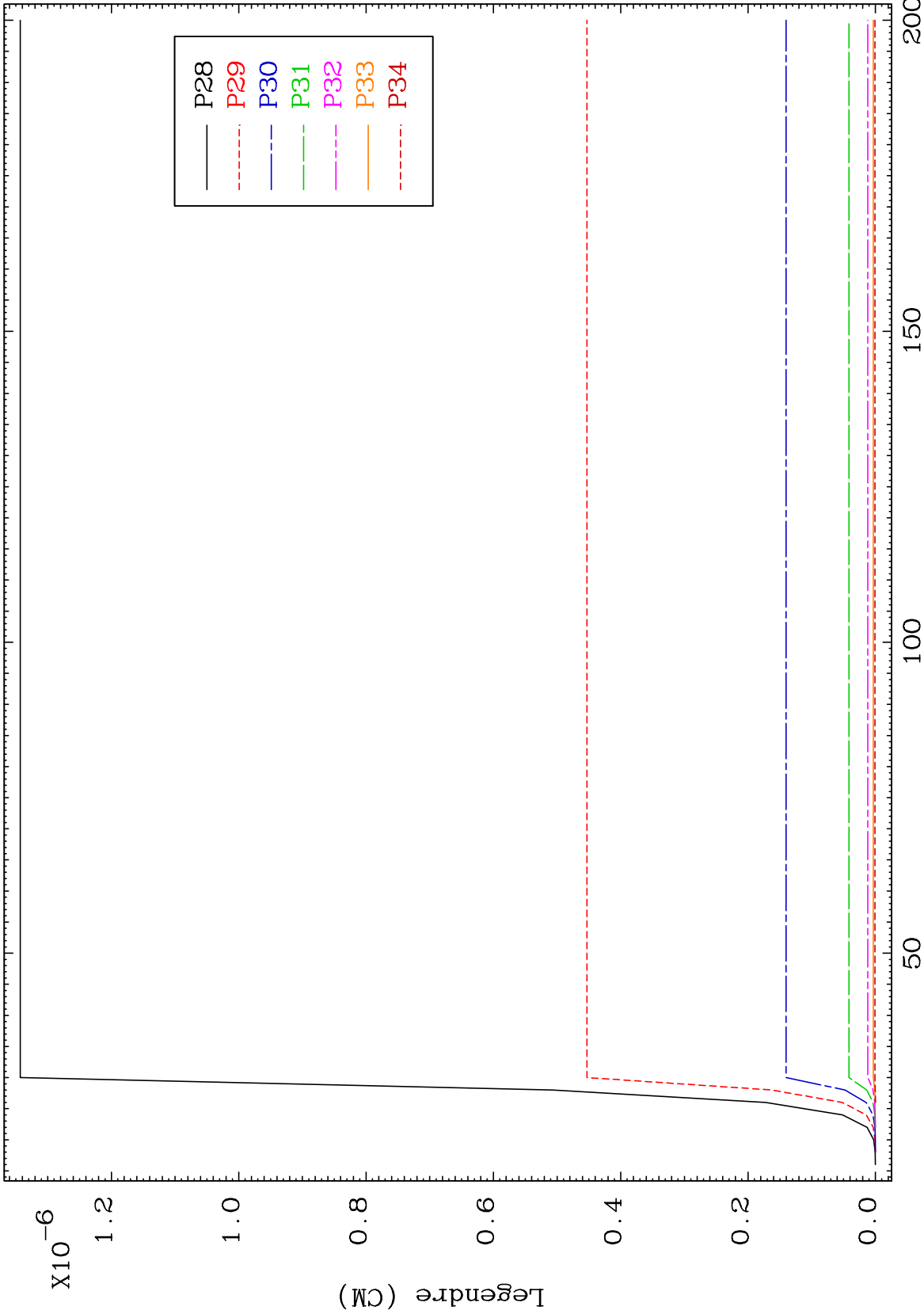
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103

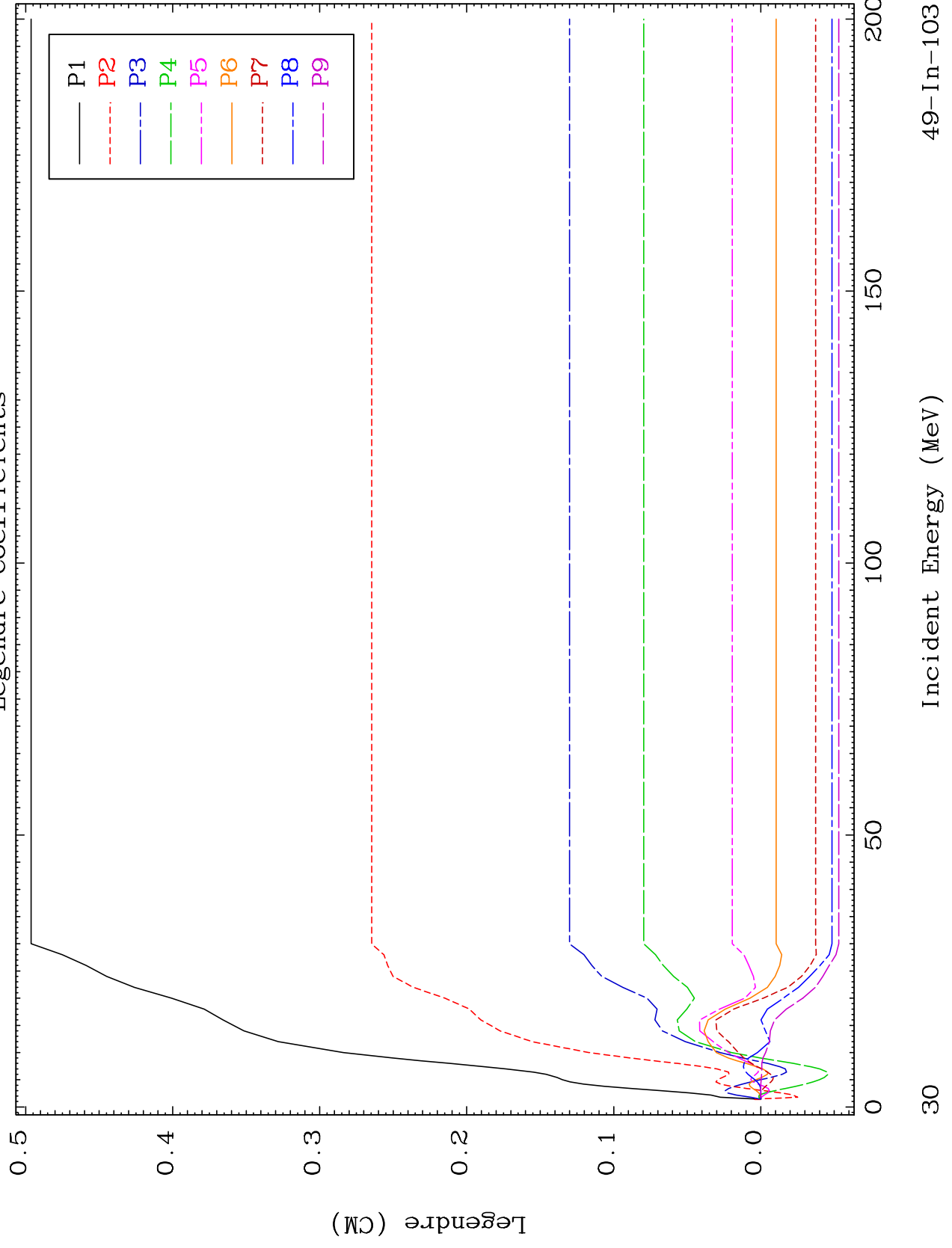


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Incident Energy (MeV)

49-In-103

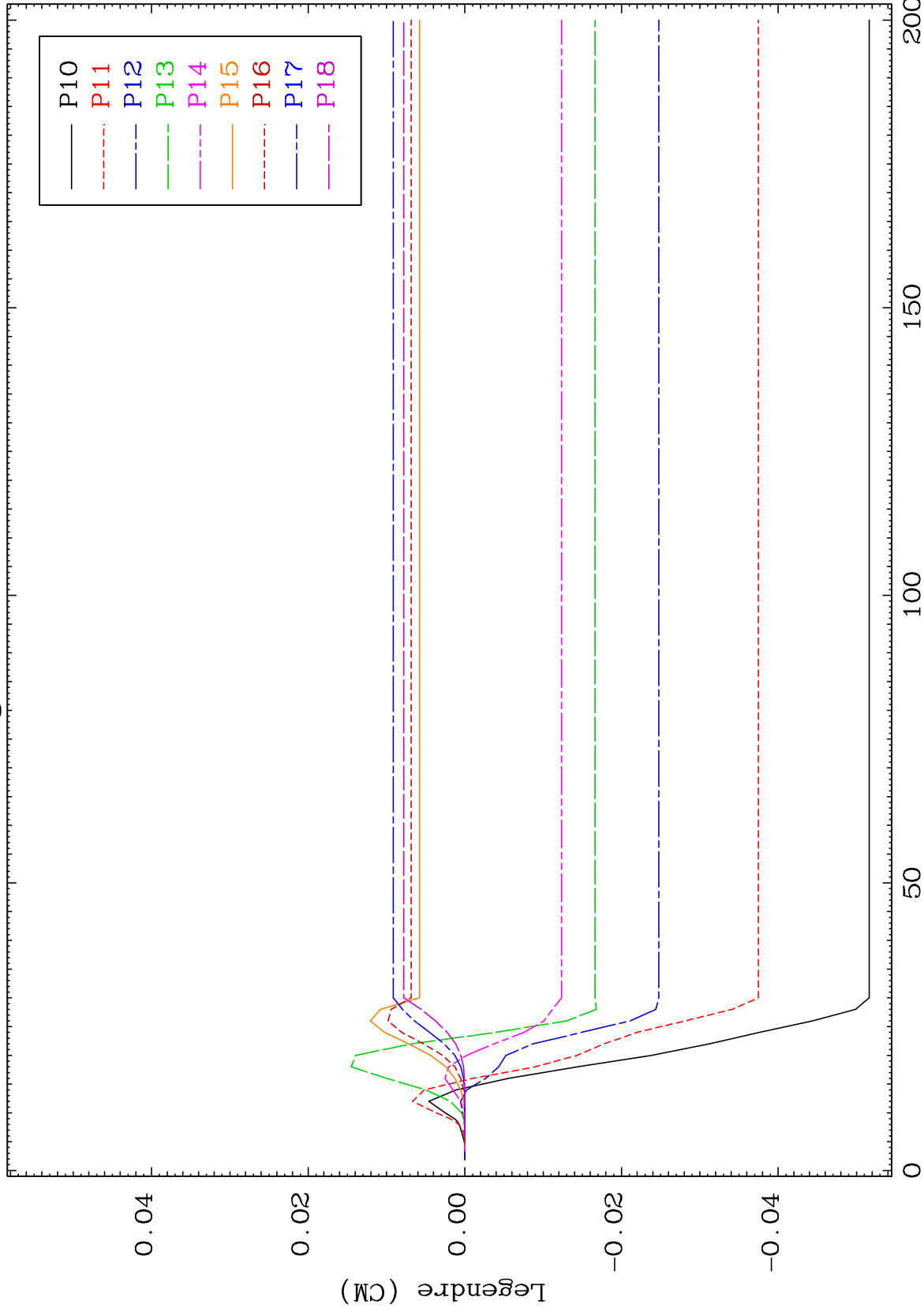
MAT 4895 MT= 54 (n,n') Level Legendre Coefficients 49-In-103



MAT 4895

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

49-In-103



31

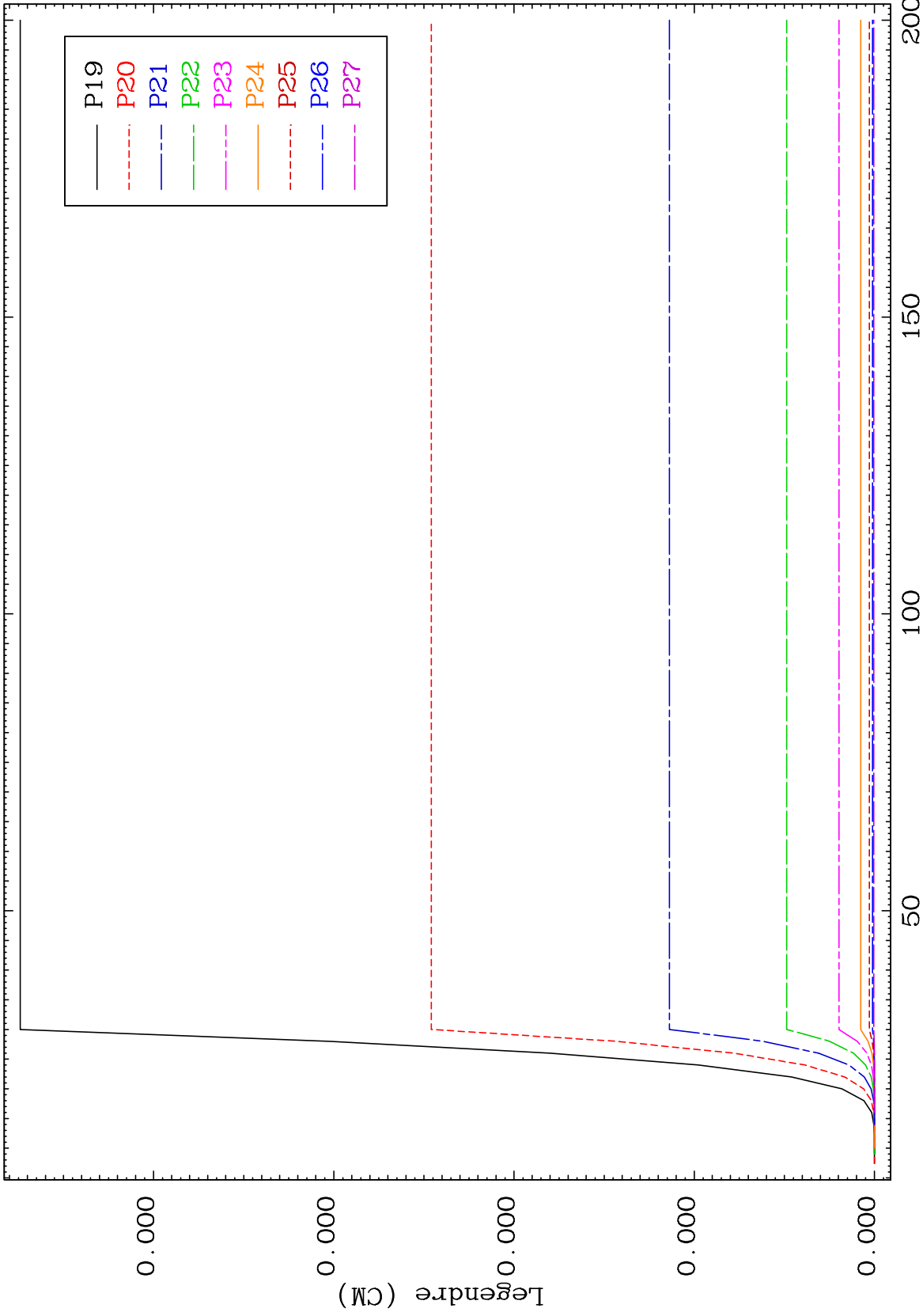
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



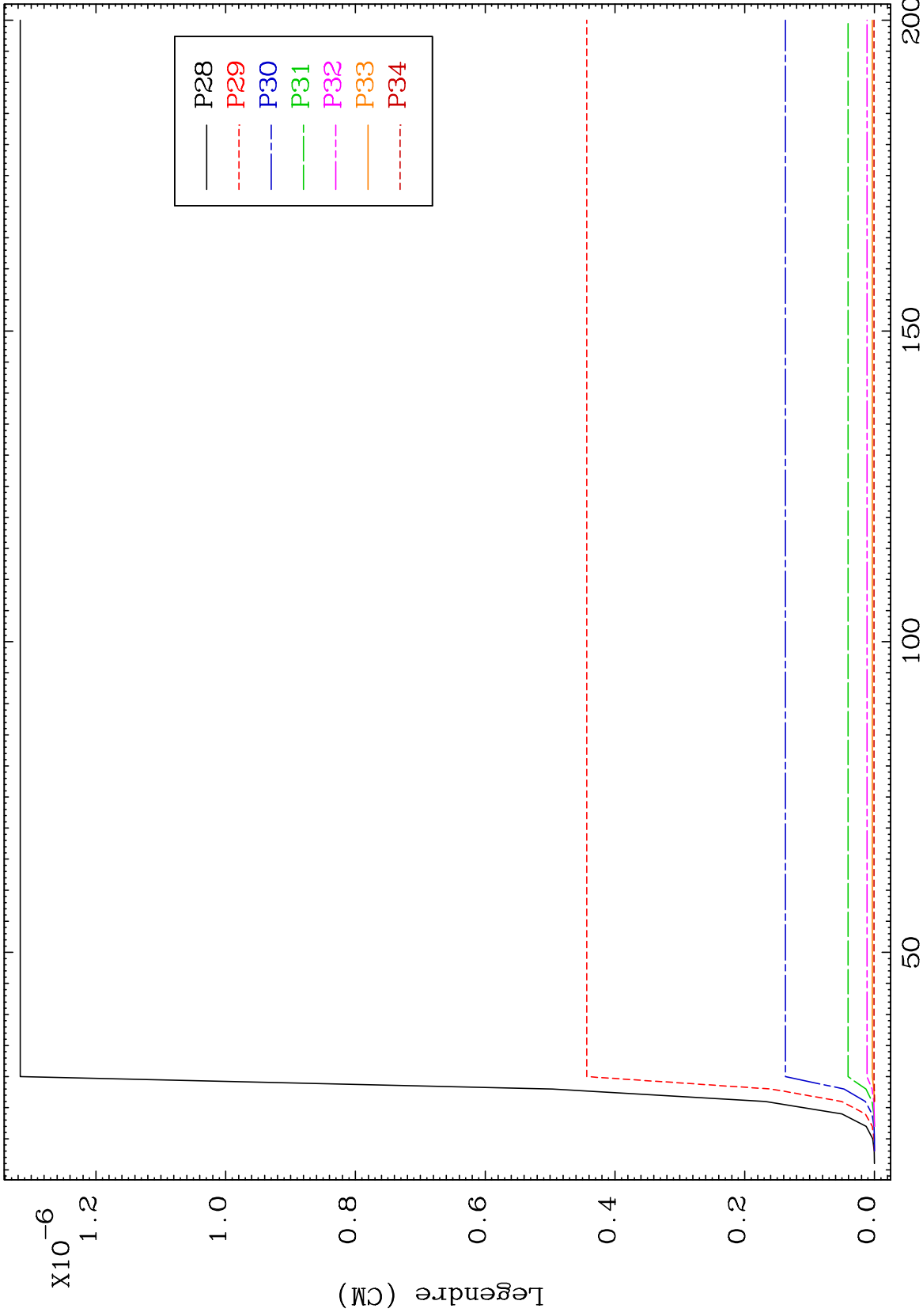
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49-In-103

MAT 4895

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

49-In-103



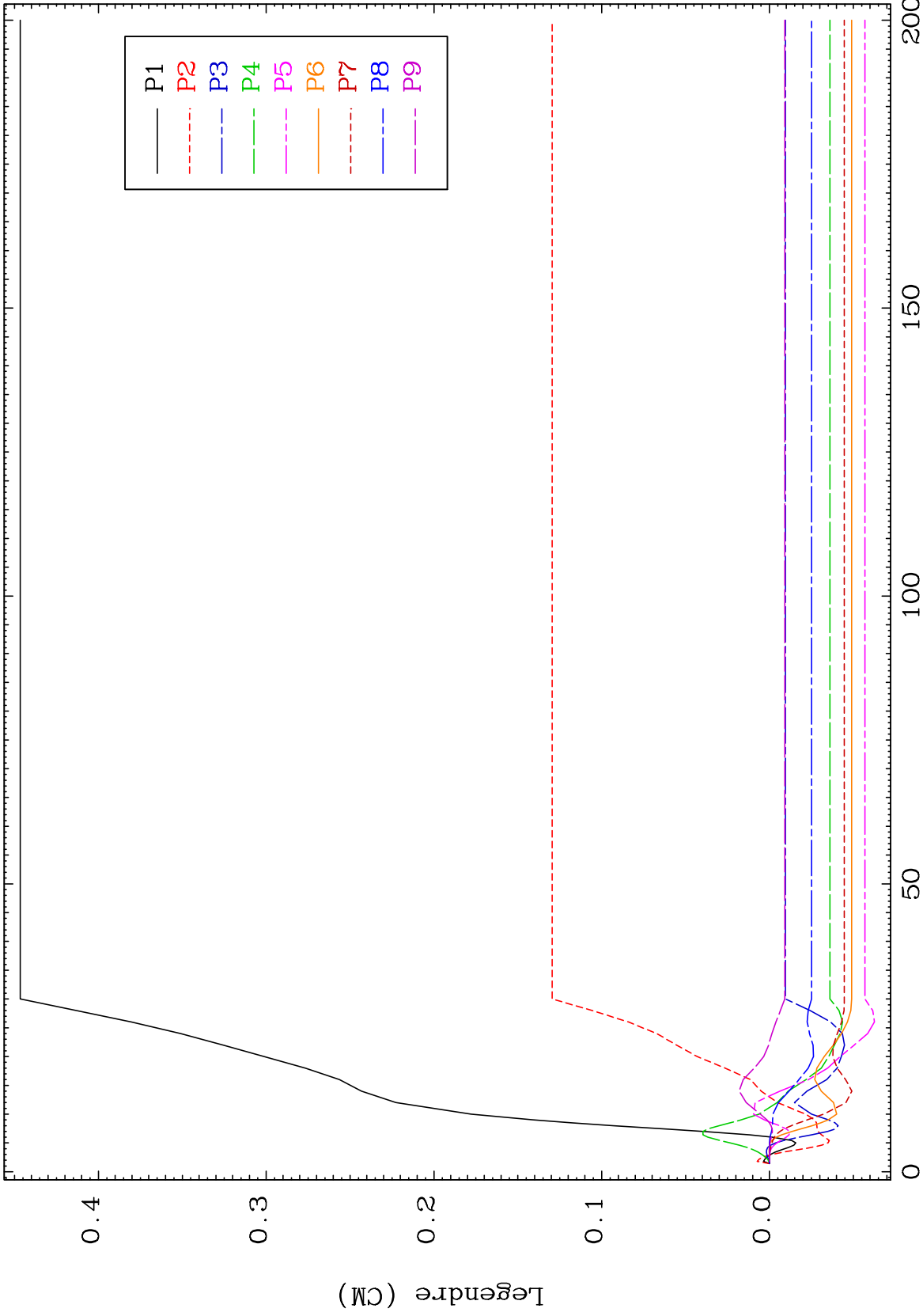
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49-In-103

MAT 4895

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

49-In-103



34

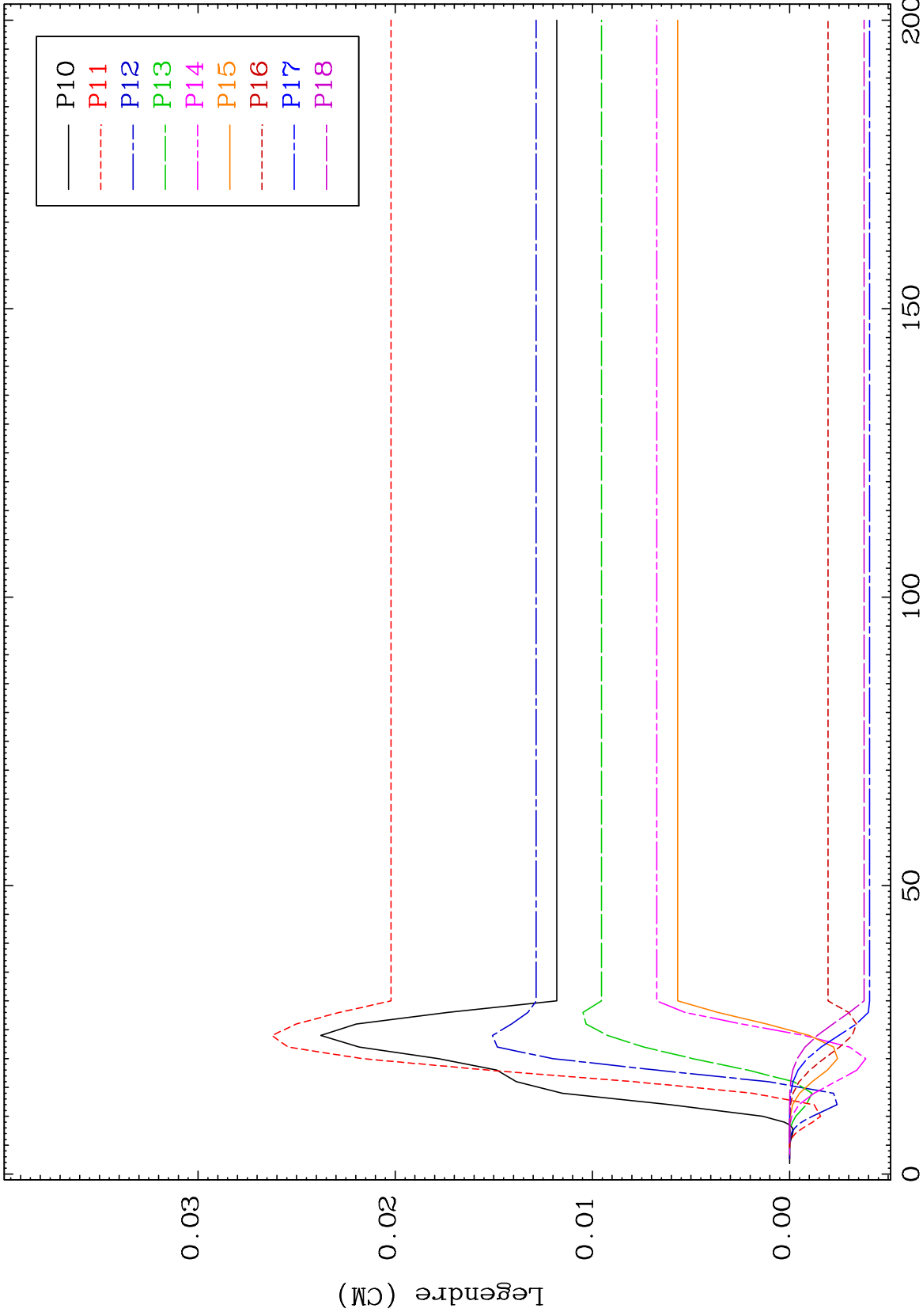
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



35

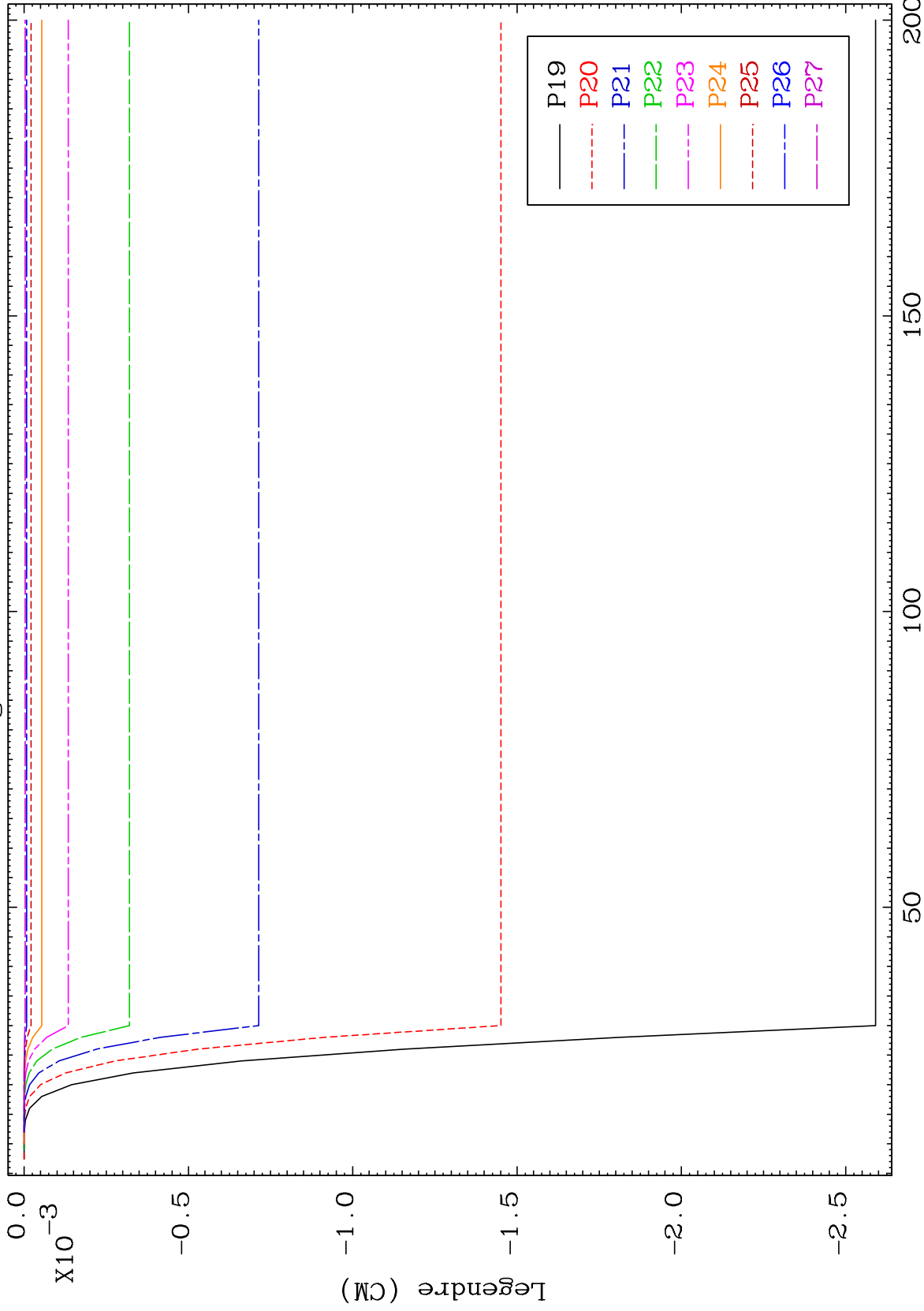
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



49-In-103

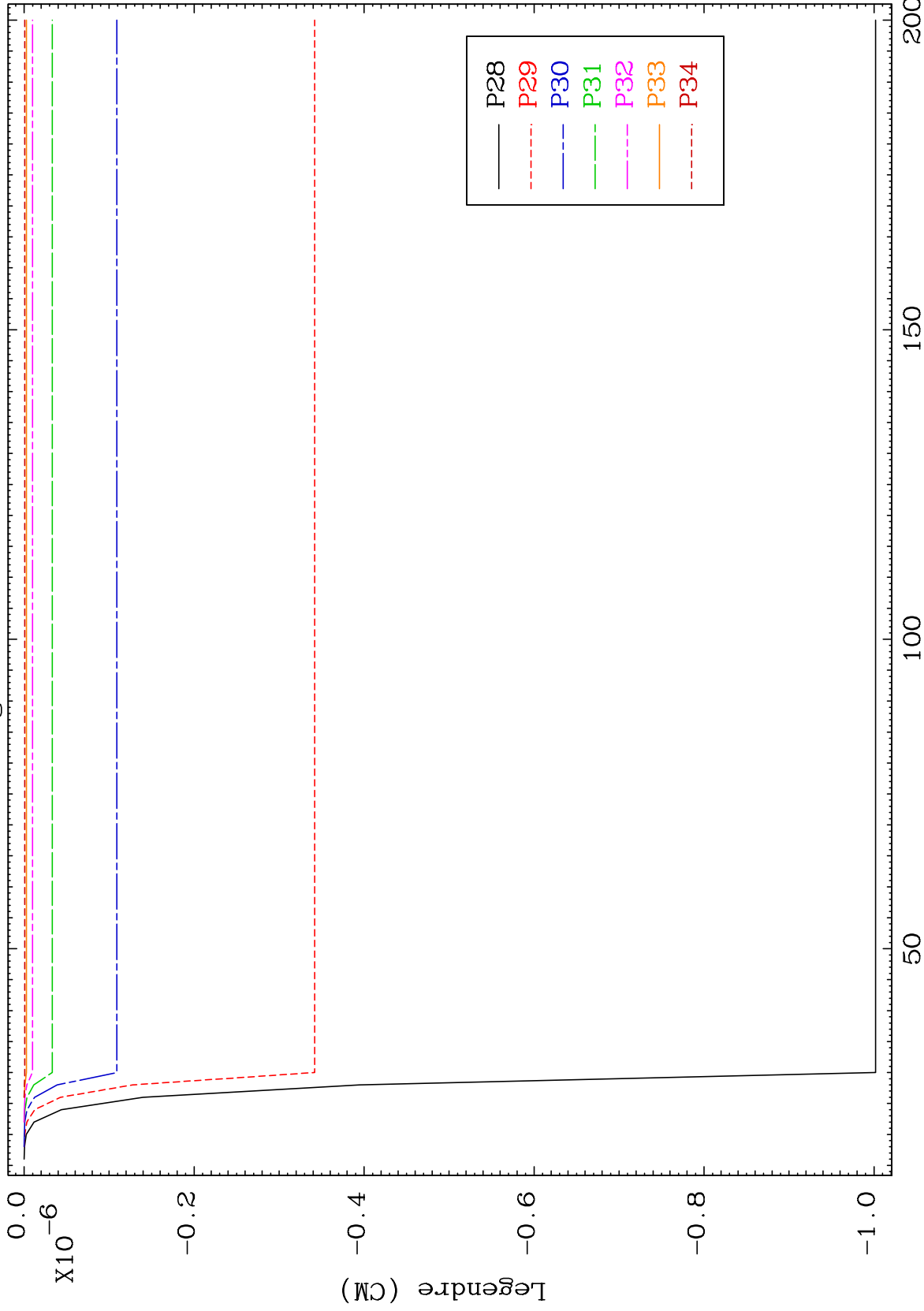
Incident Energy (MeV)

36

MAT 4895

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

49-In-103



37

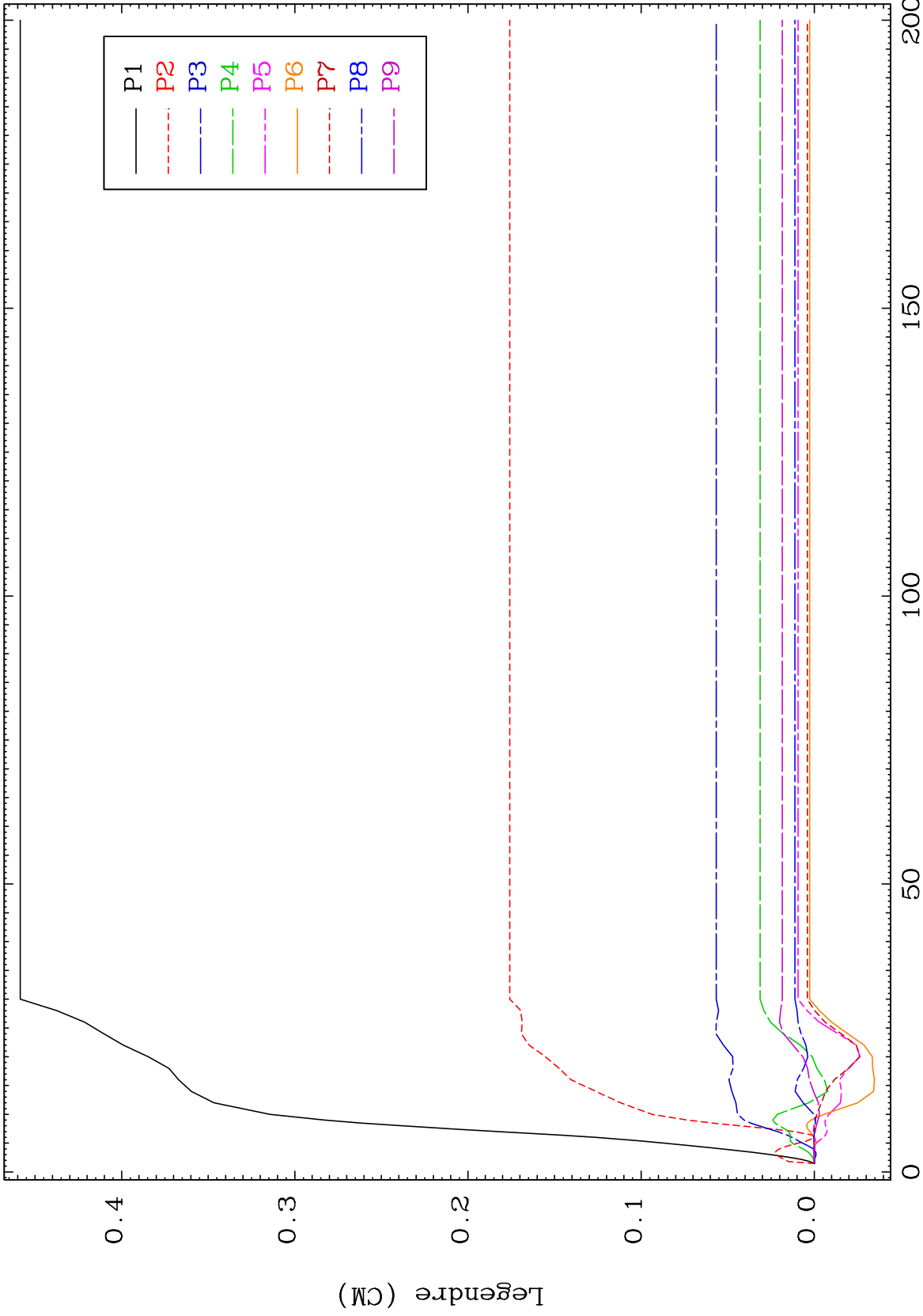
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



38

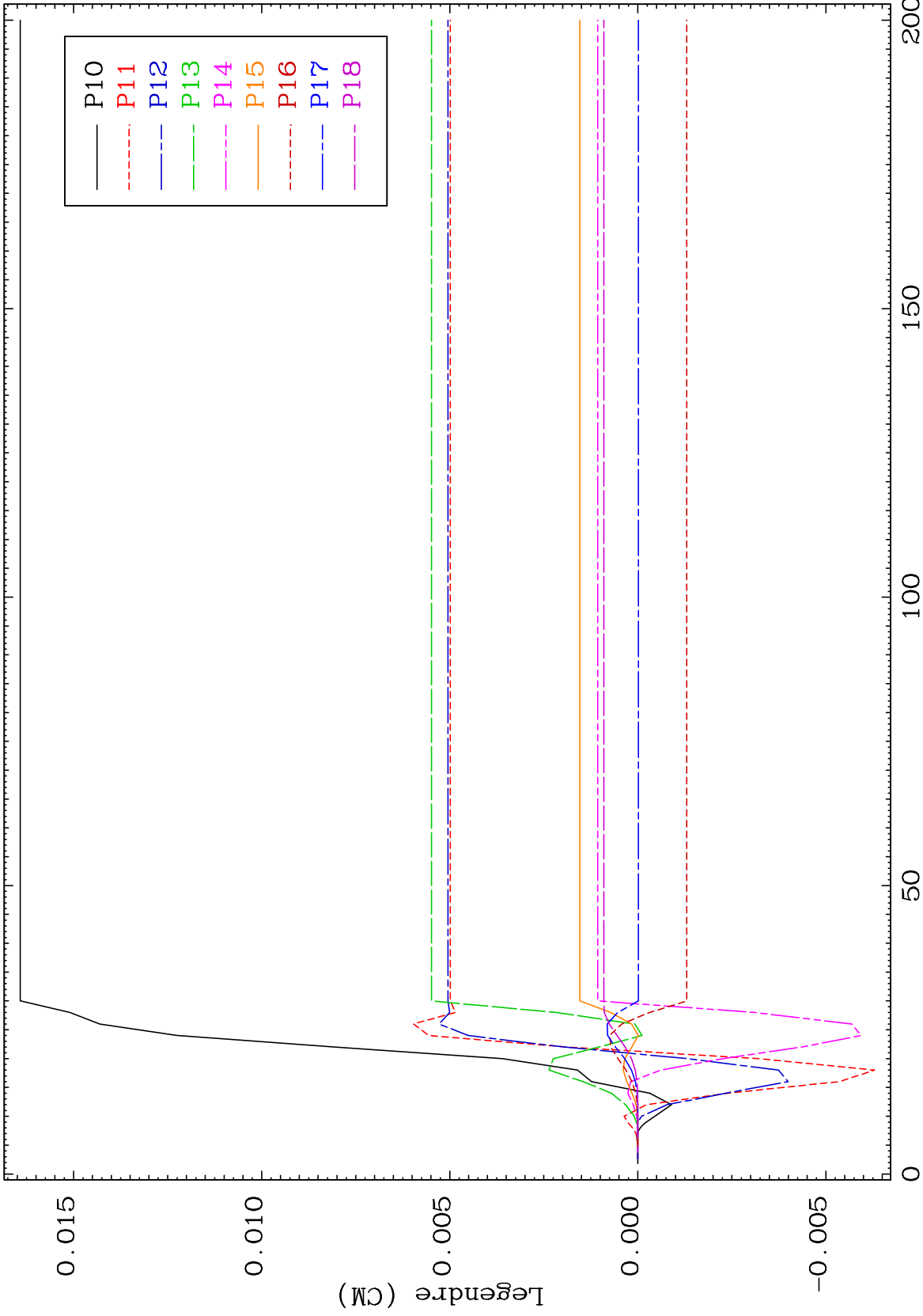
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



39

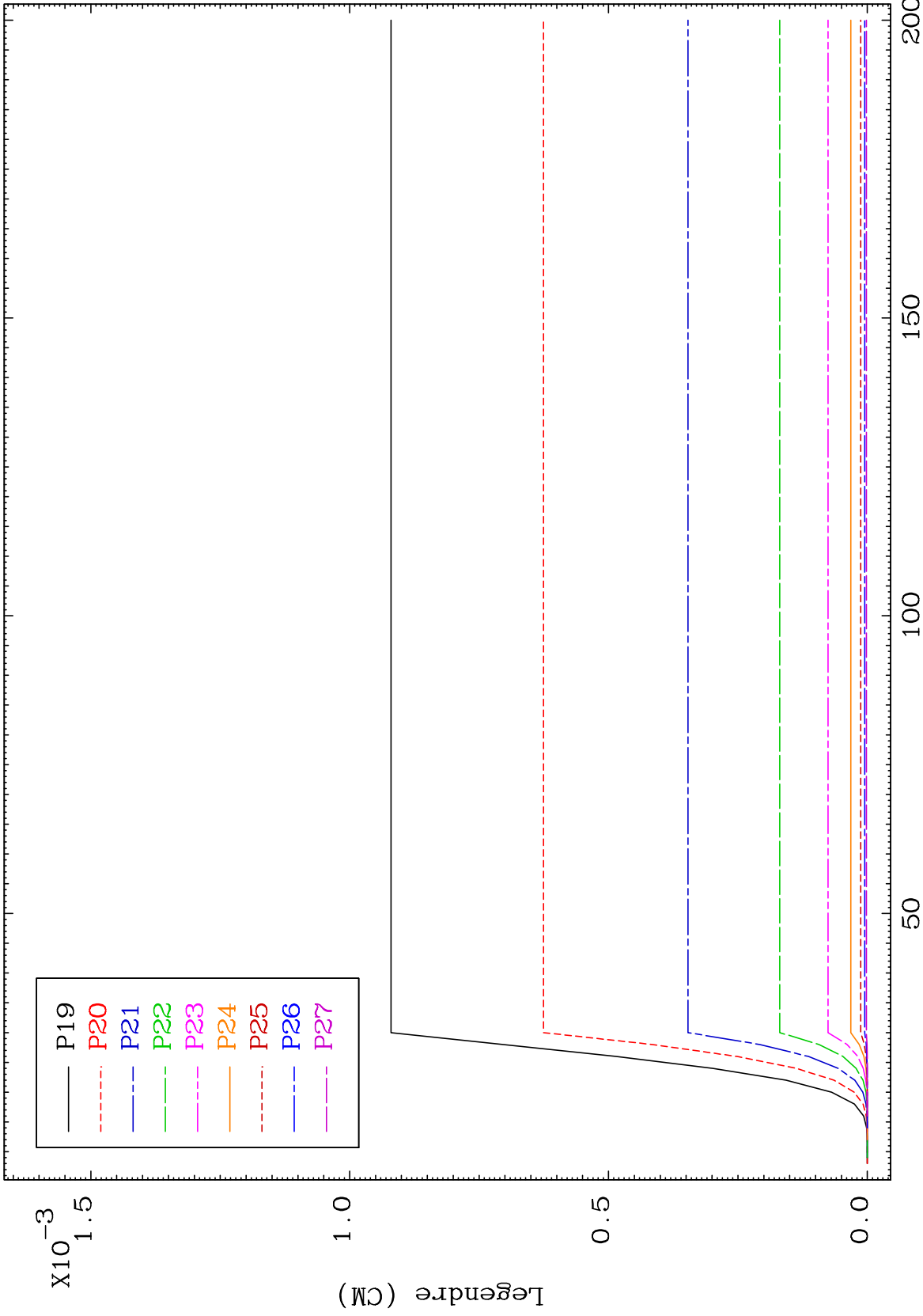
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



40

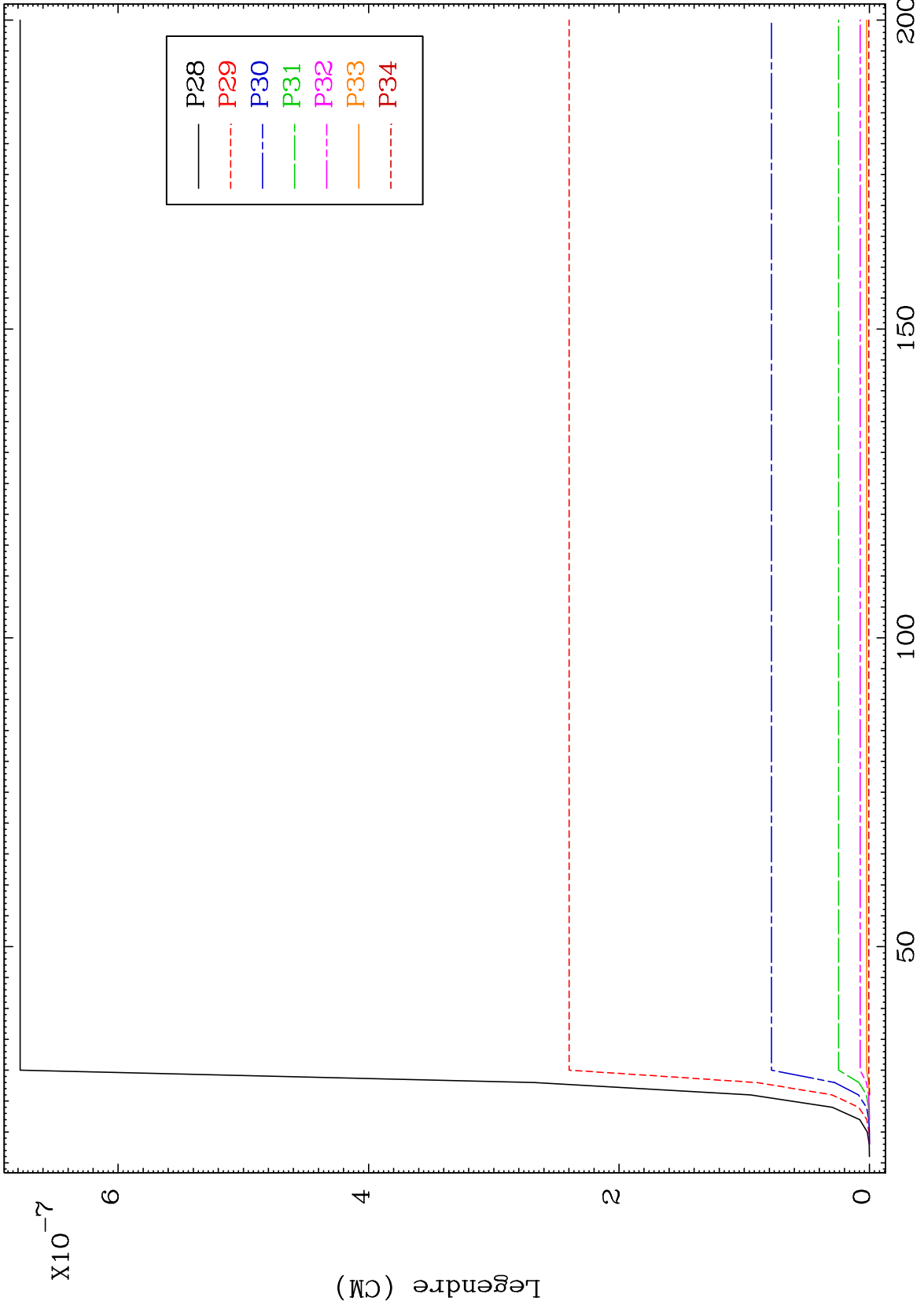
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



41

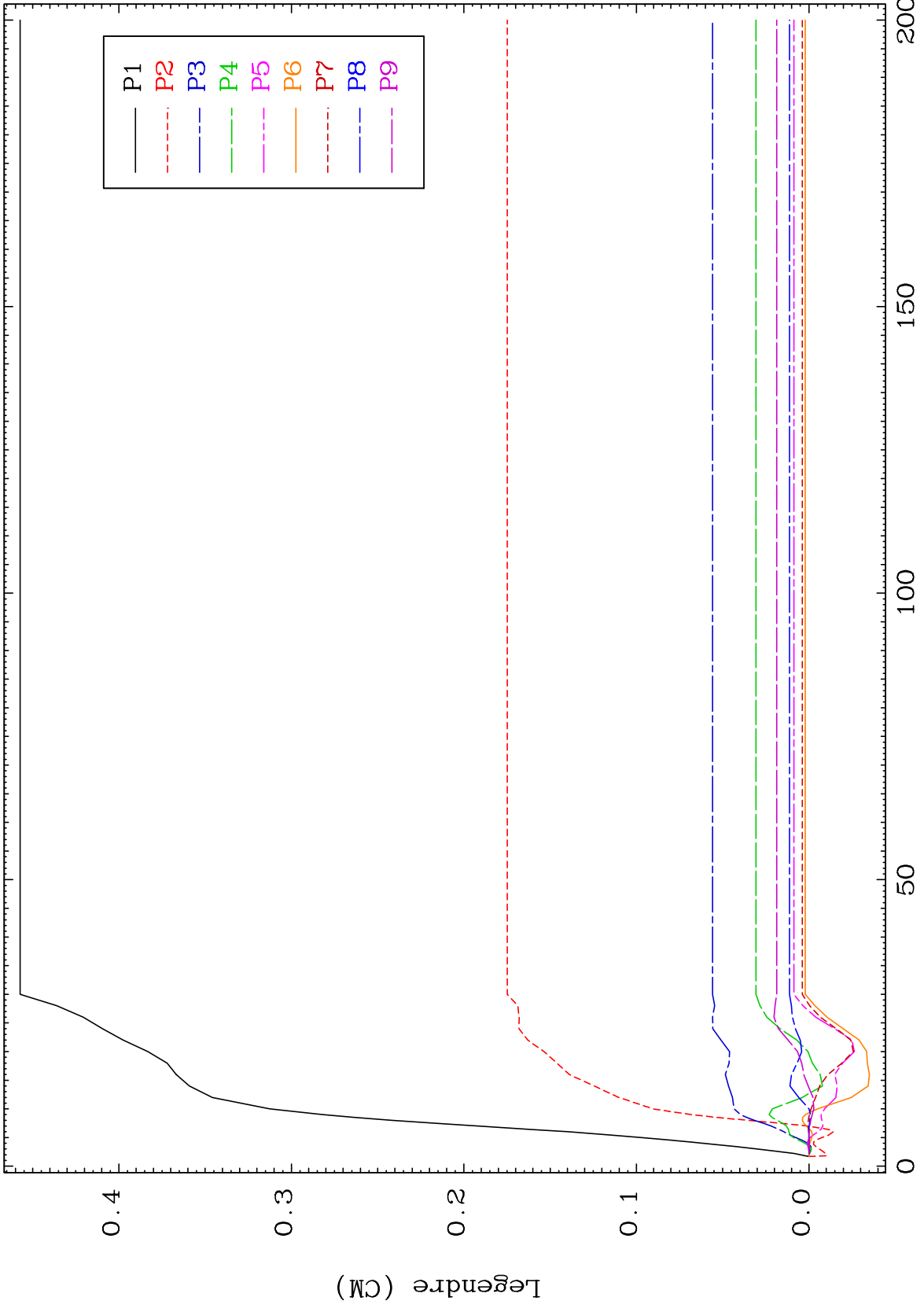
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



42

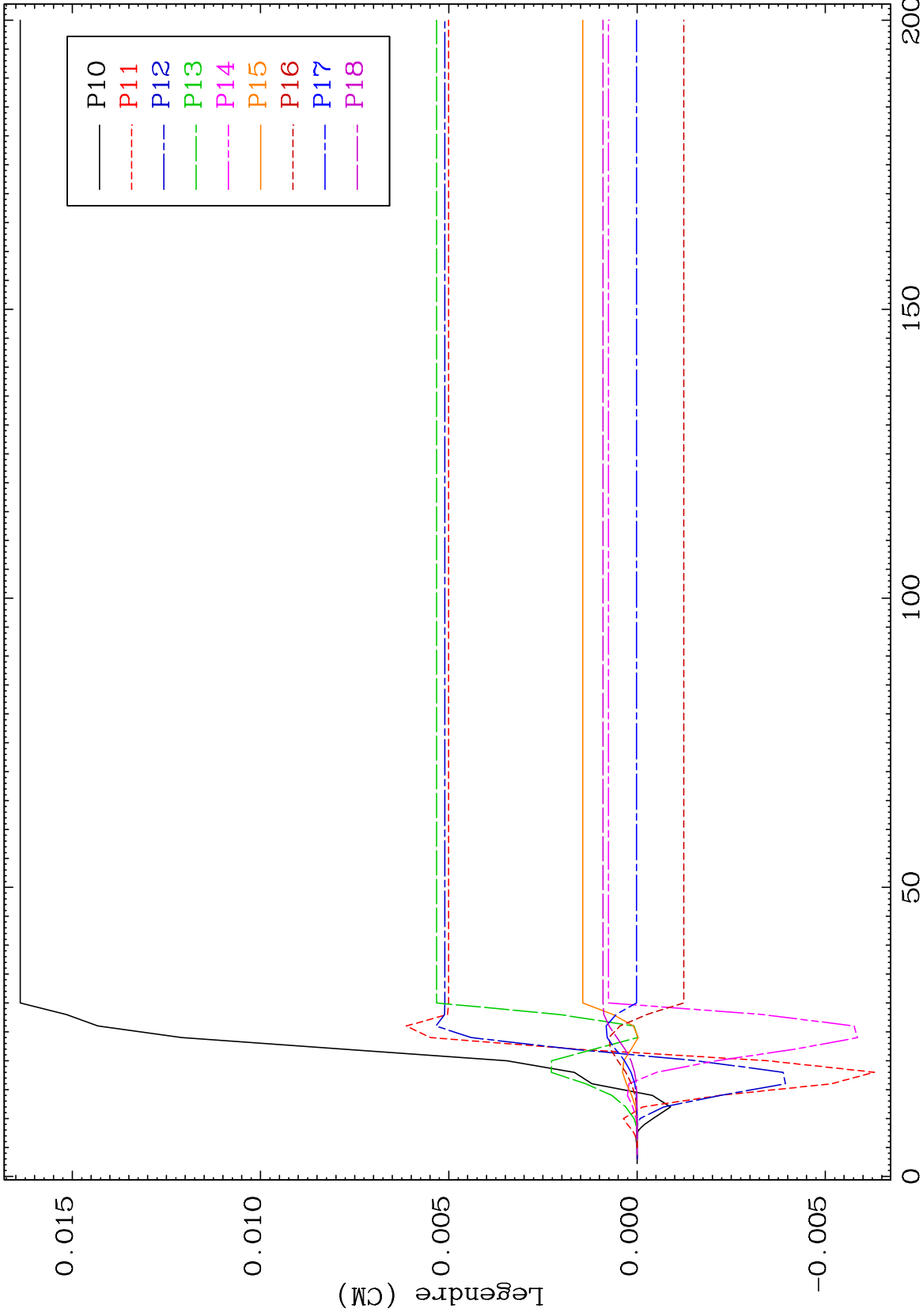
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



43

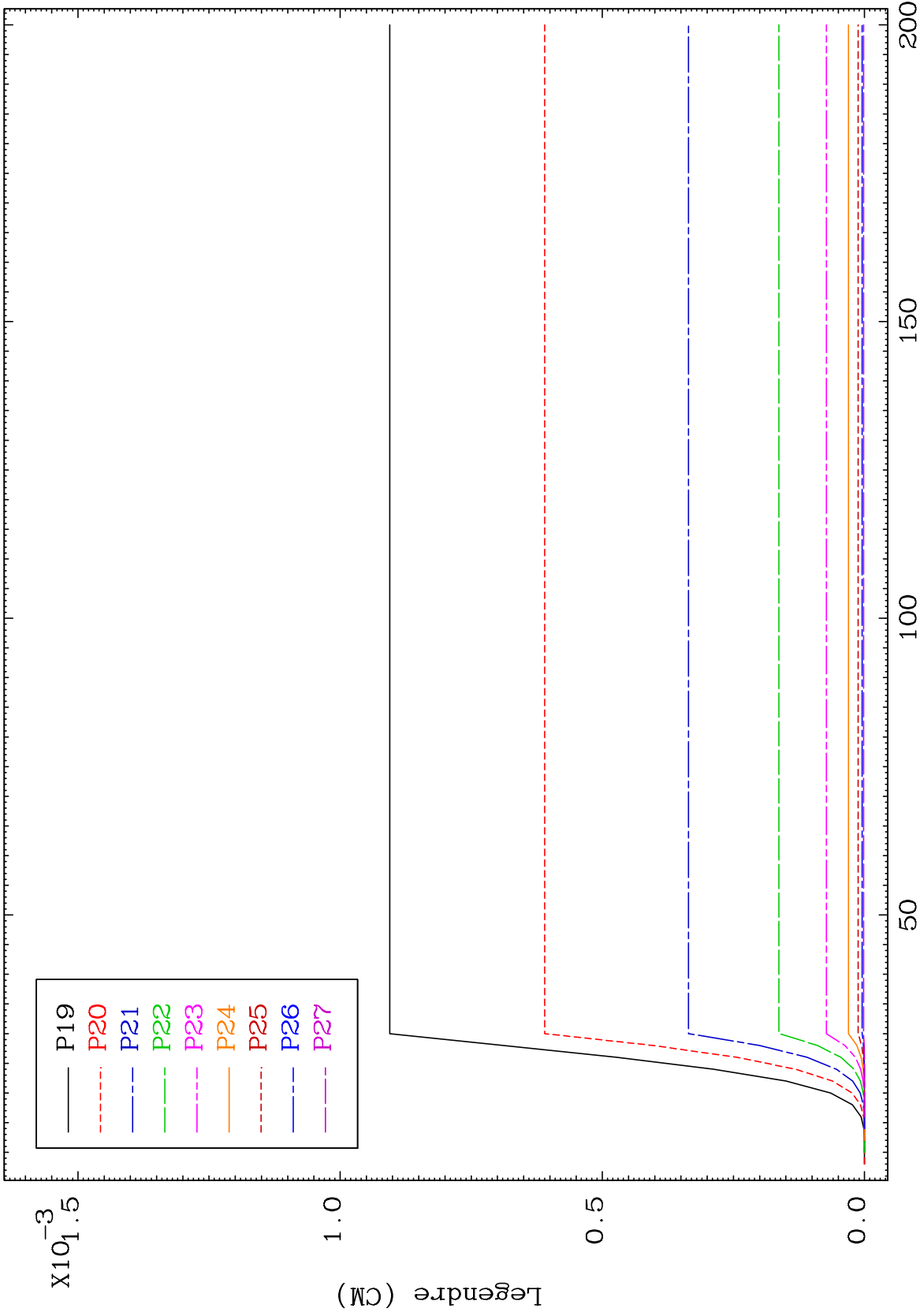
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



44

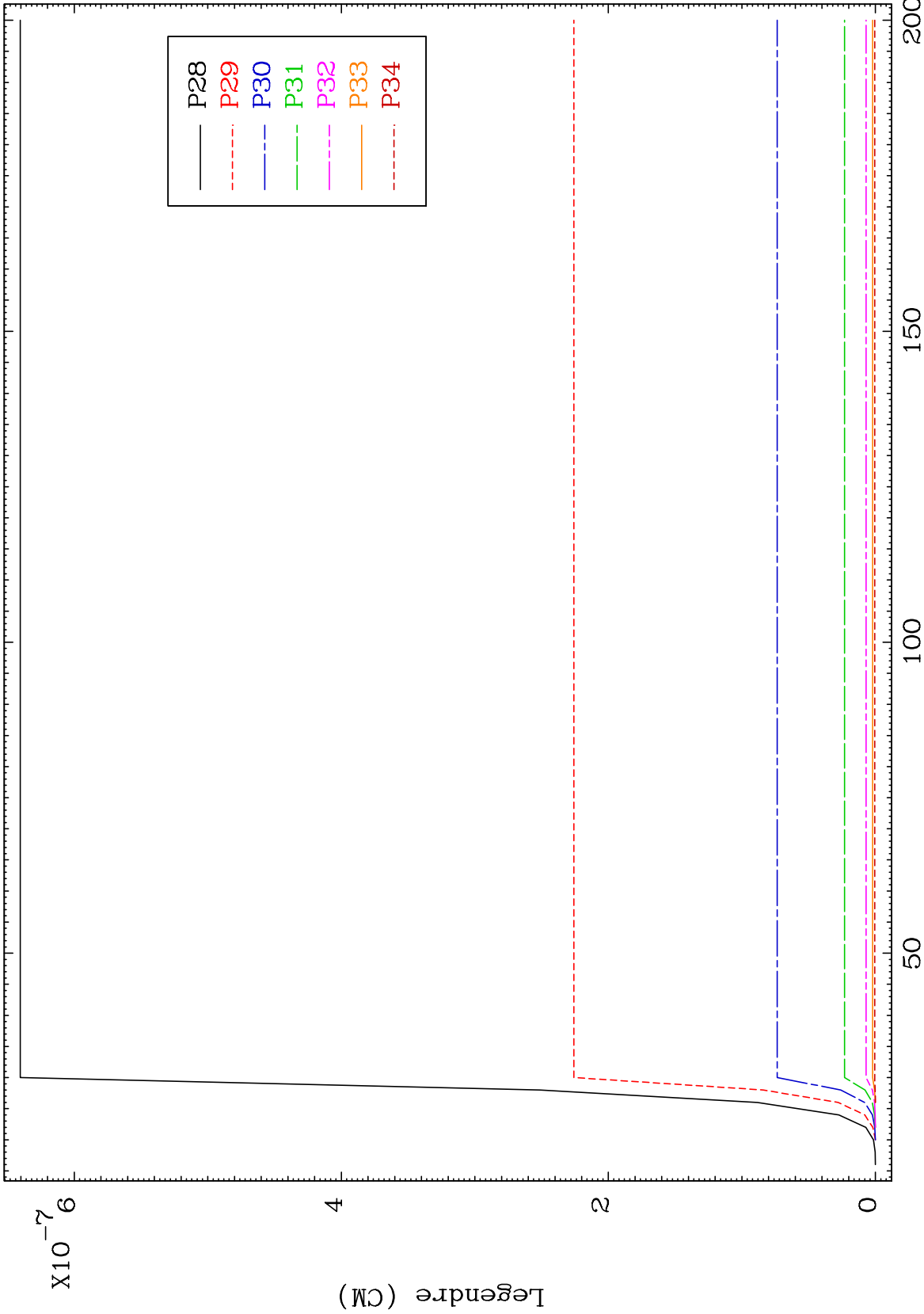
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



45

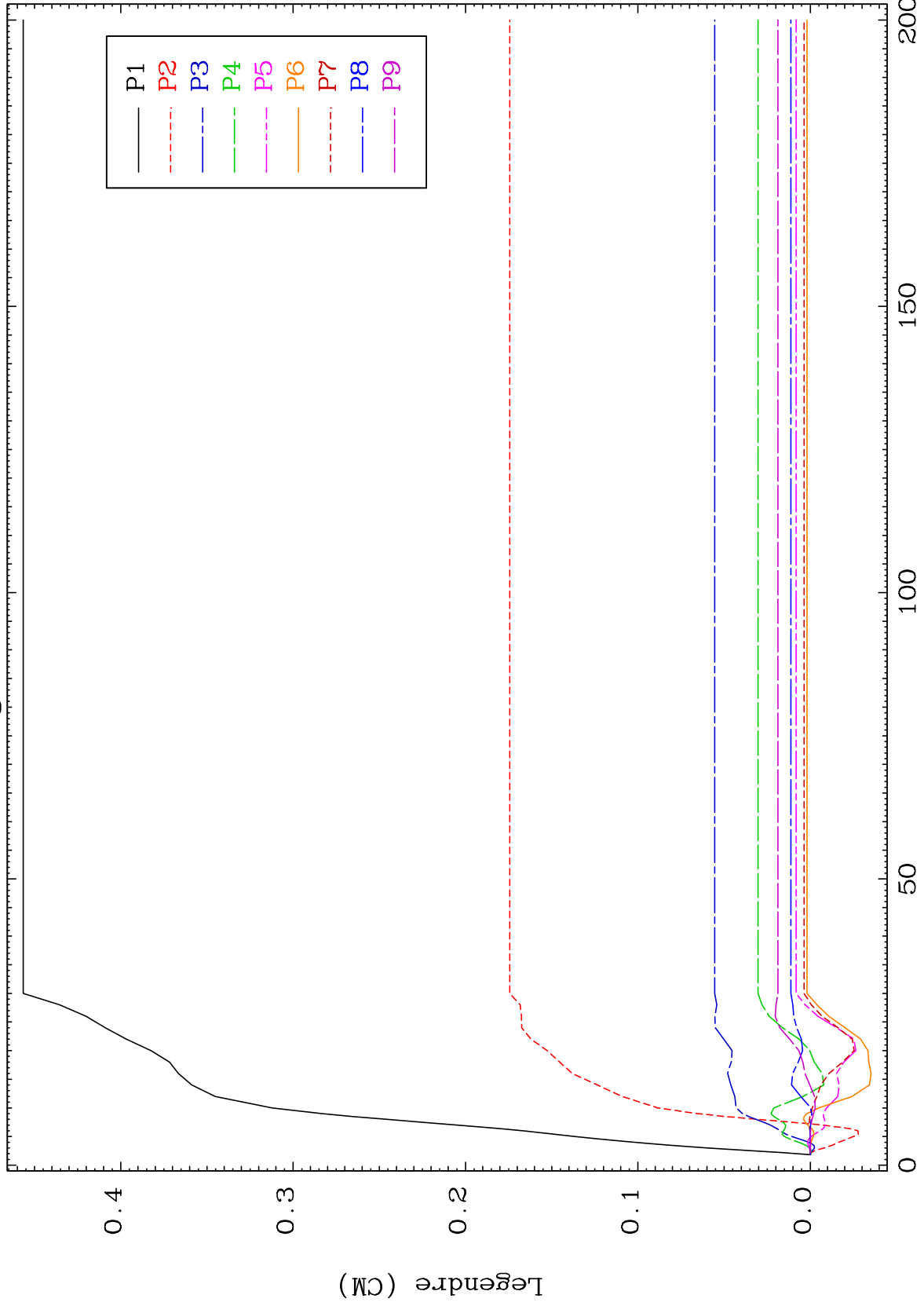
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



46

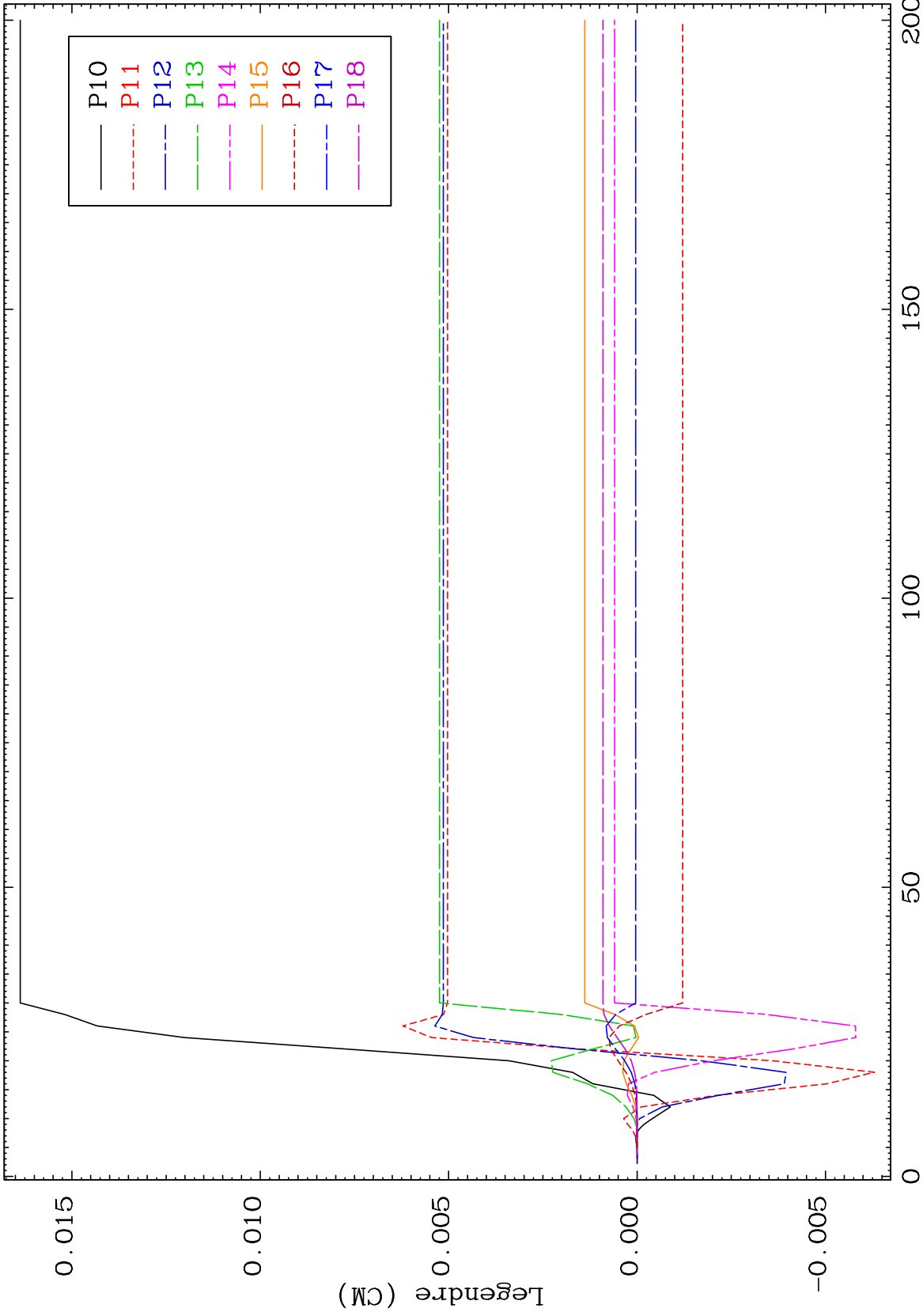
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



47

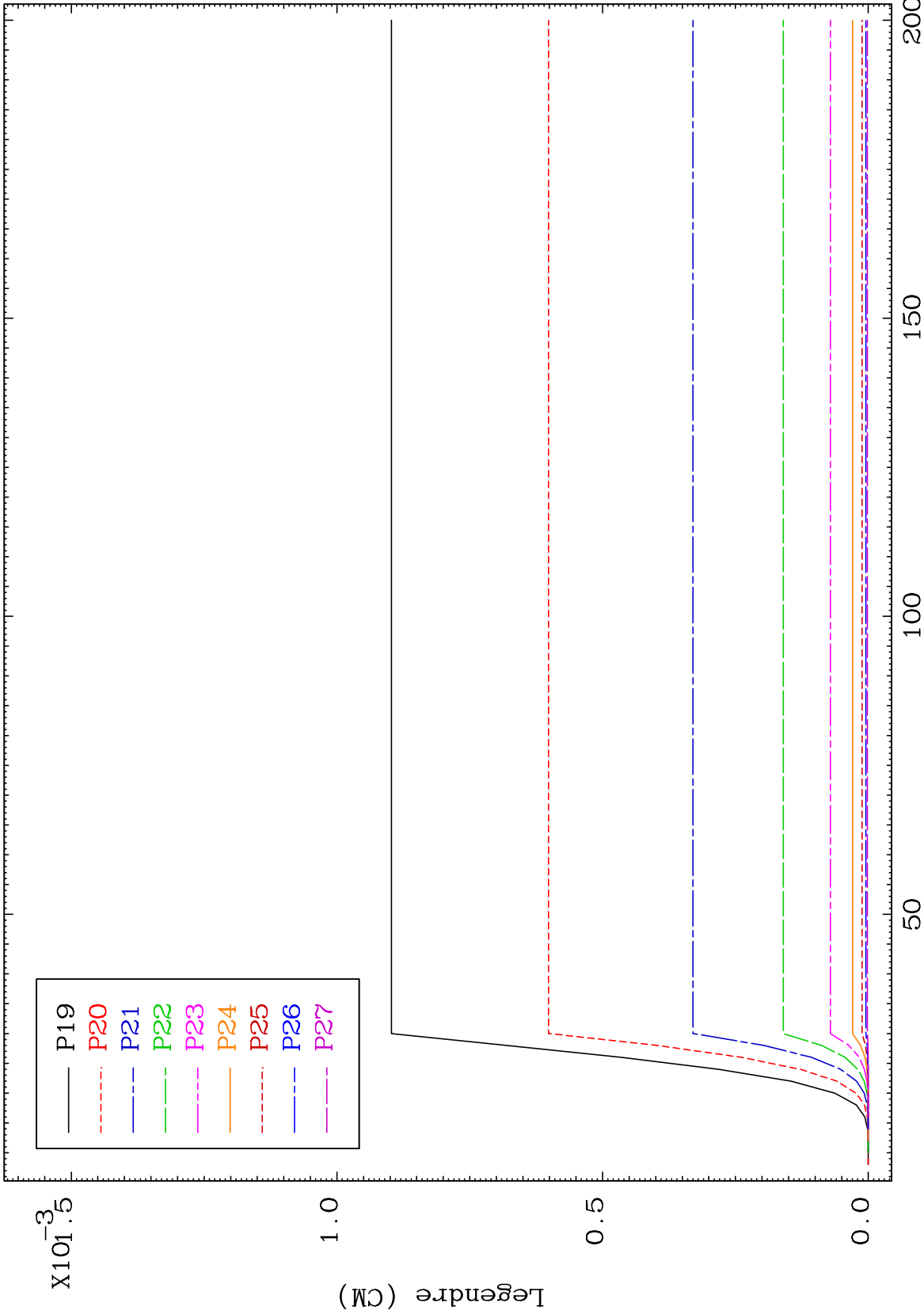
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



48

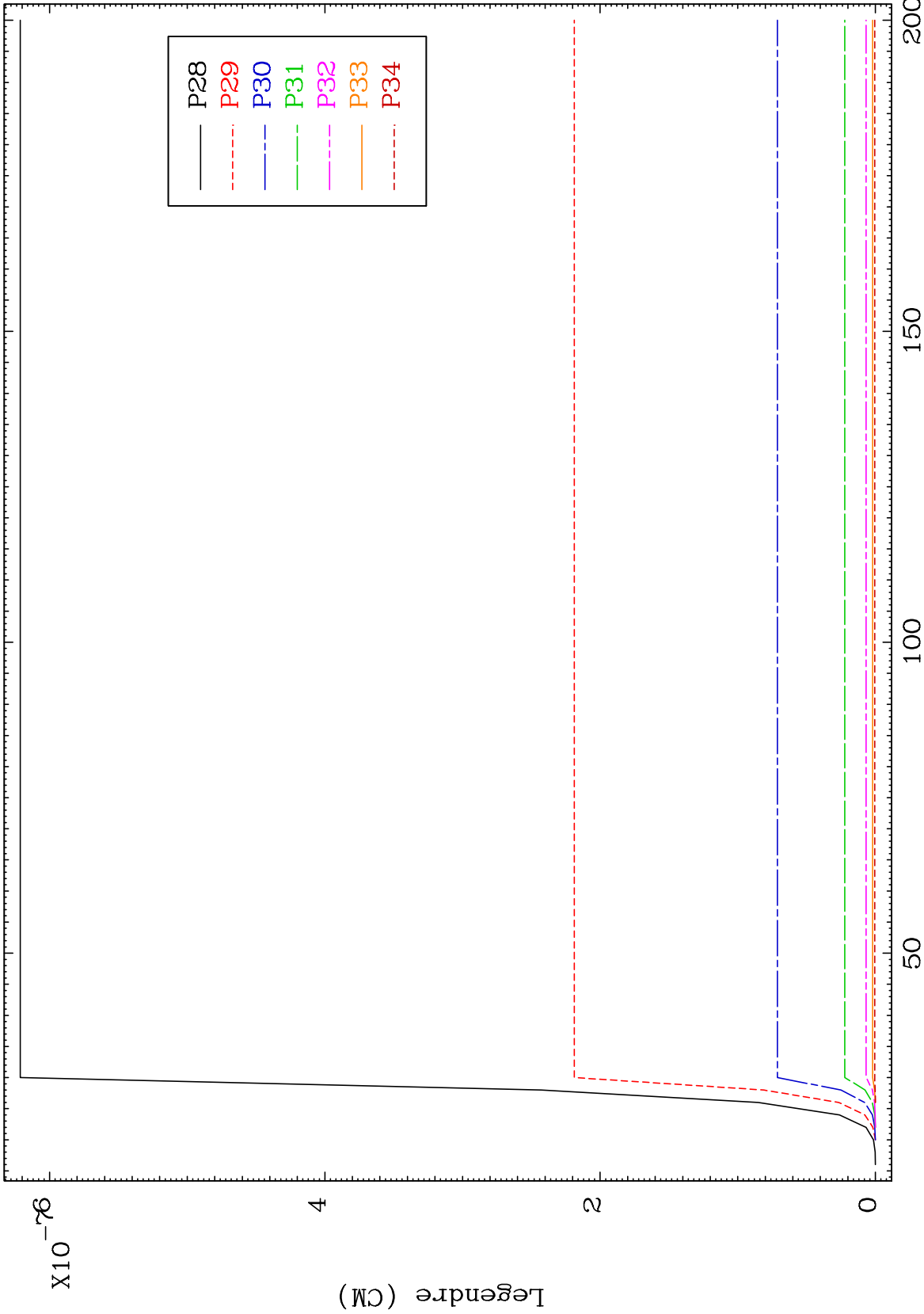
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



49

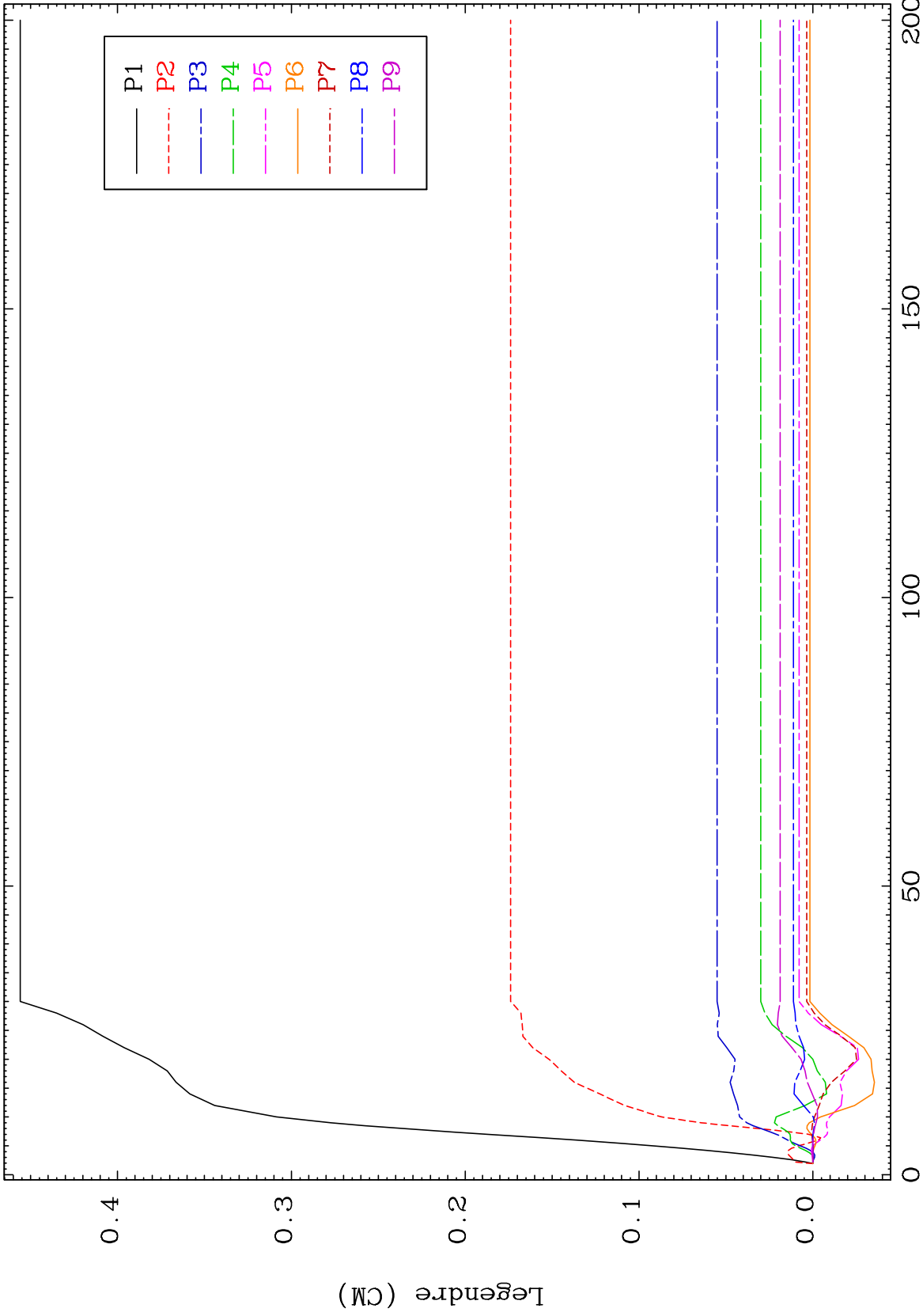
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



50

Incident Energy (MeV)

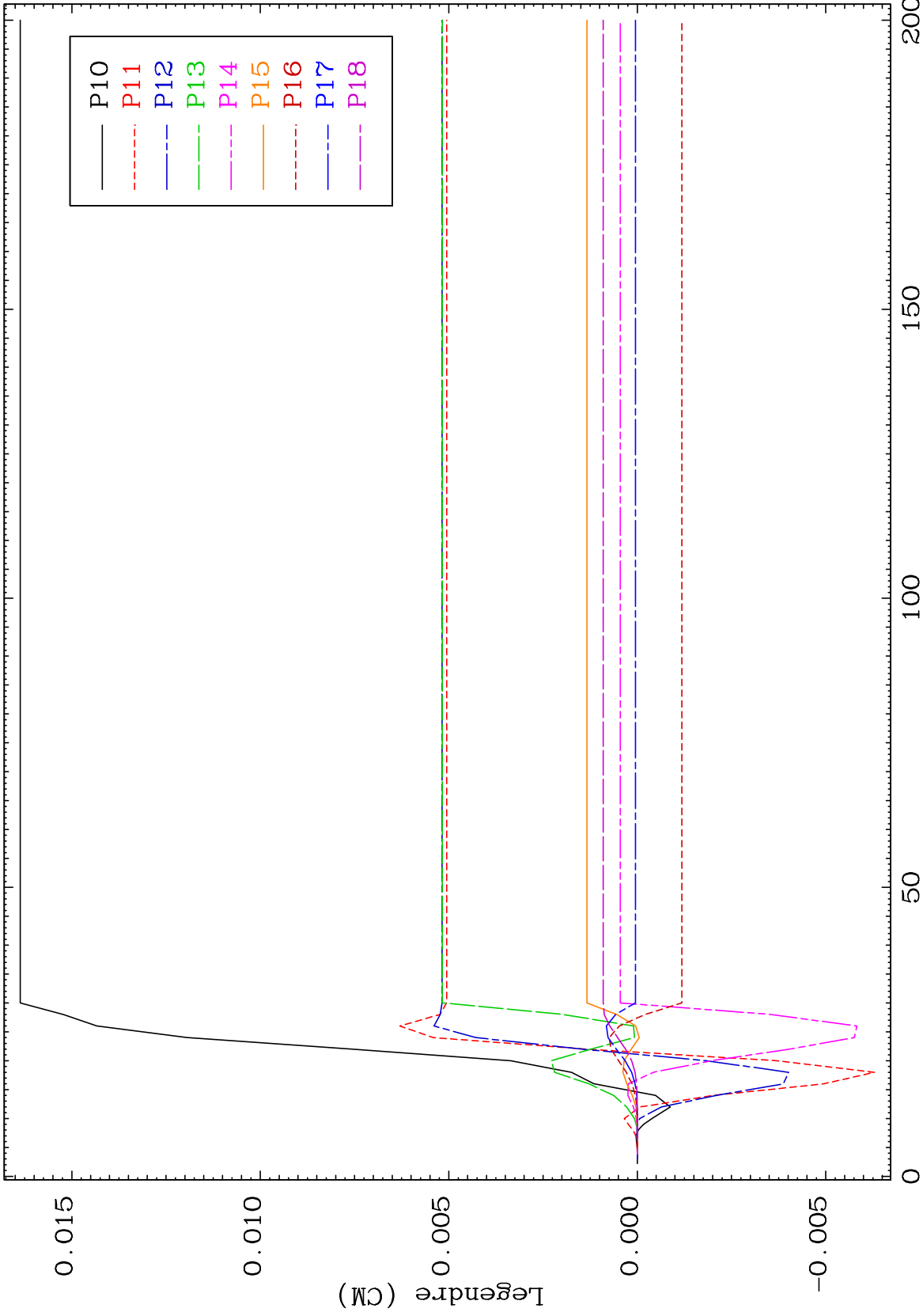
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49-In-103

MAT 4895

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

49-In-103



51

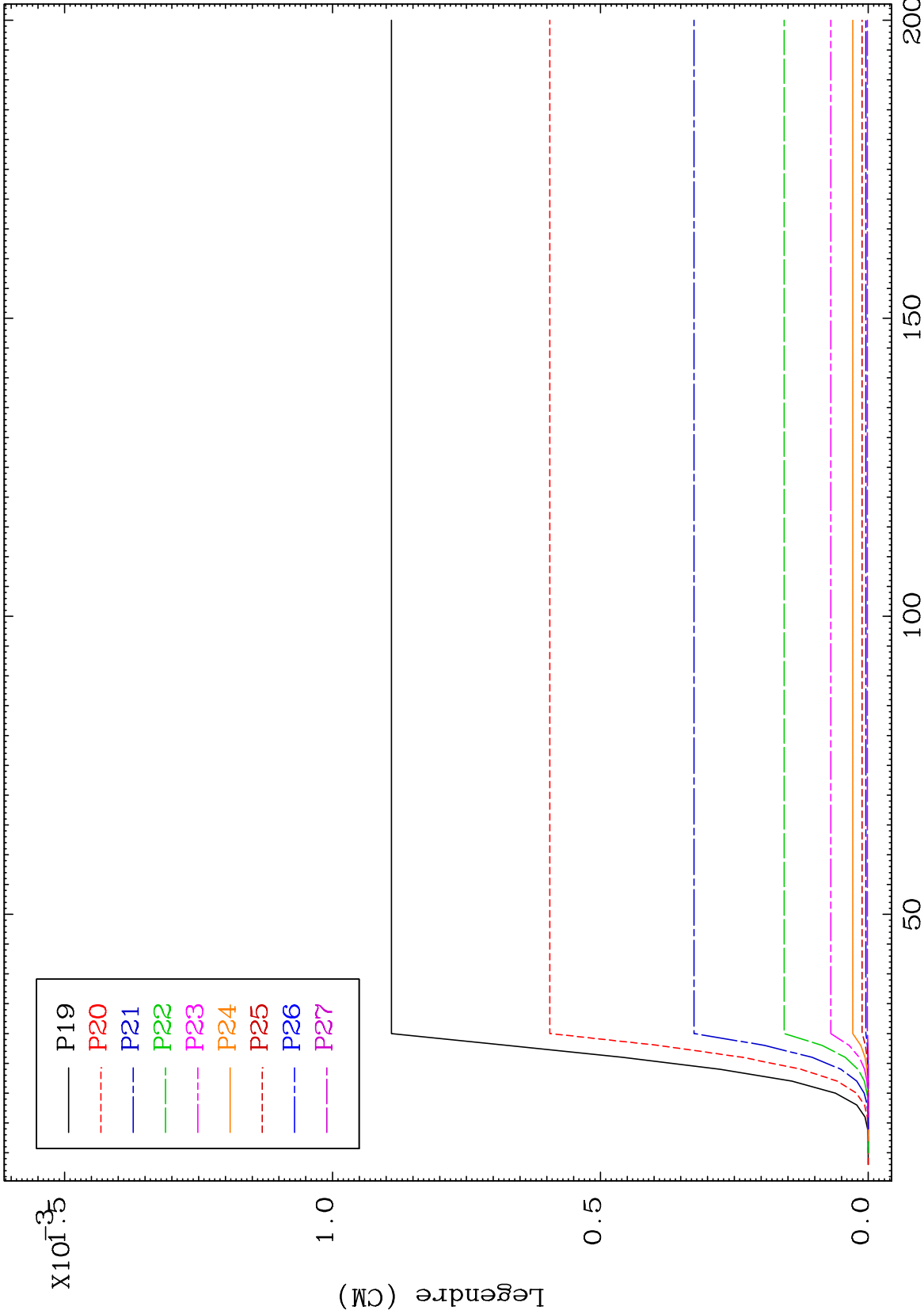
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



52

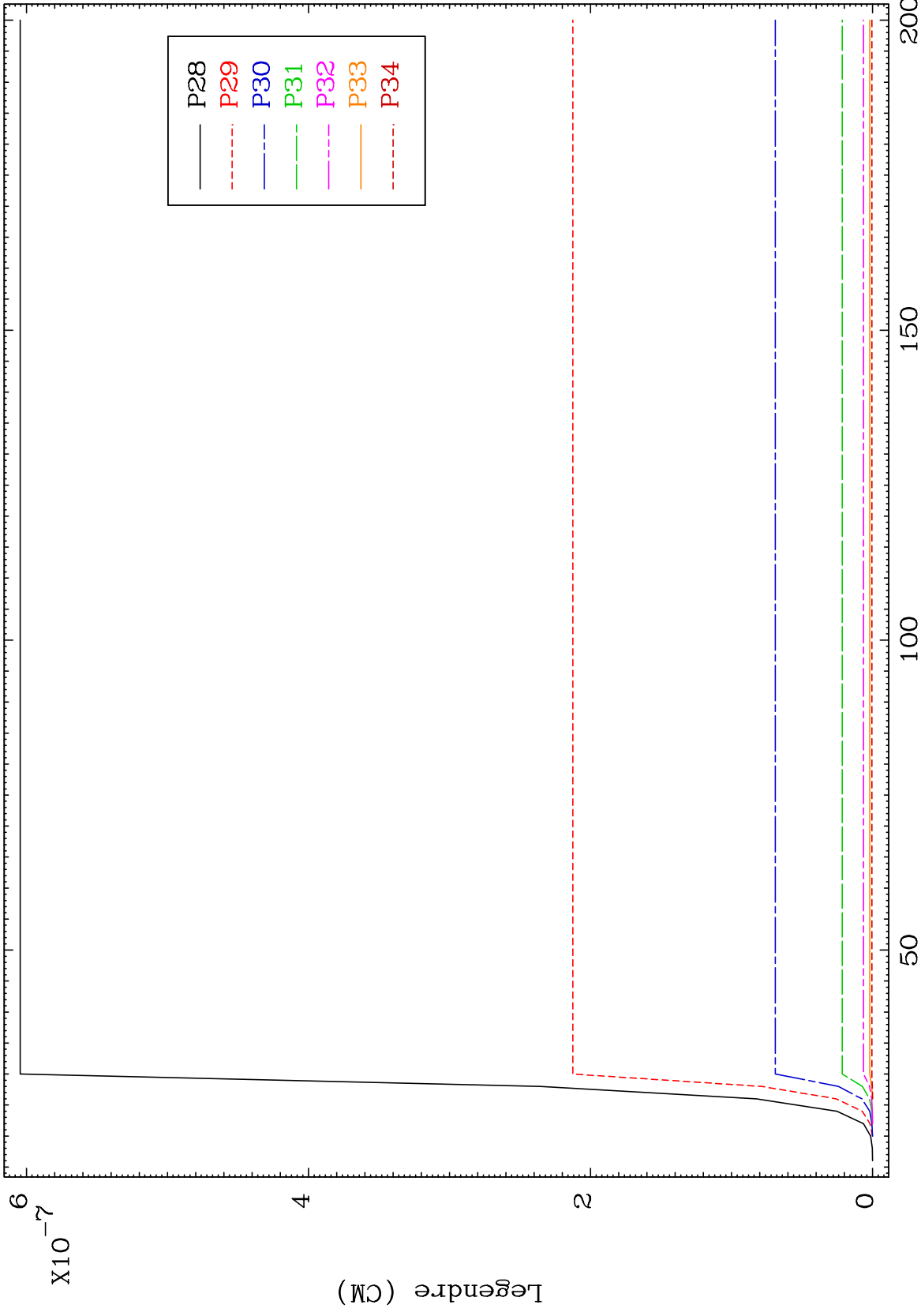
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



53

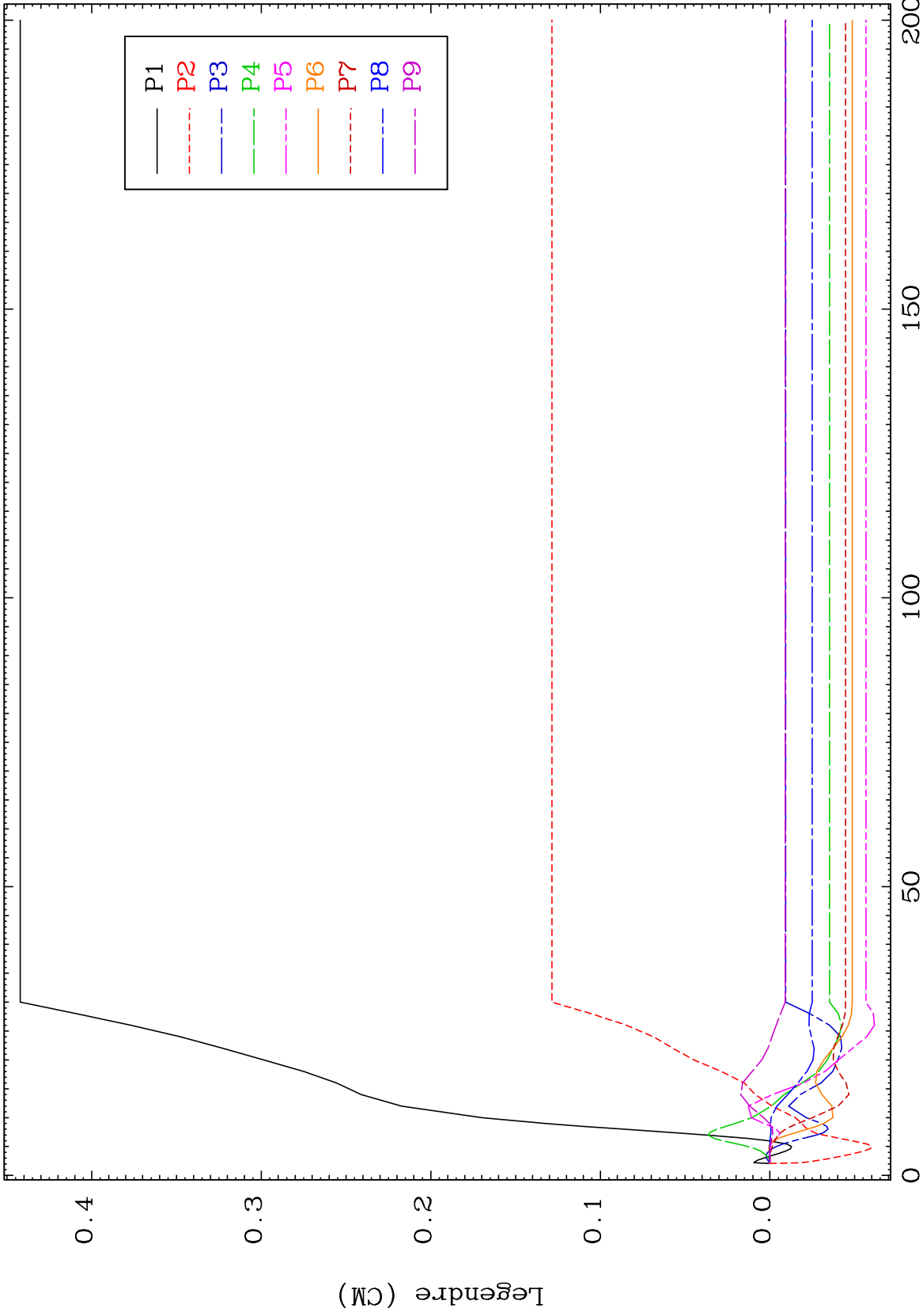
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



54

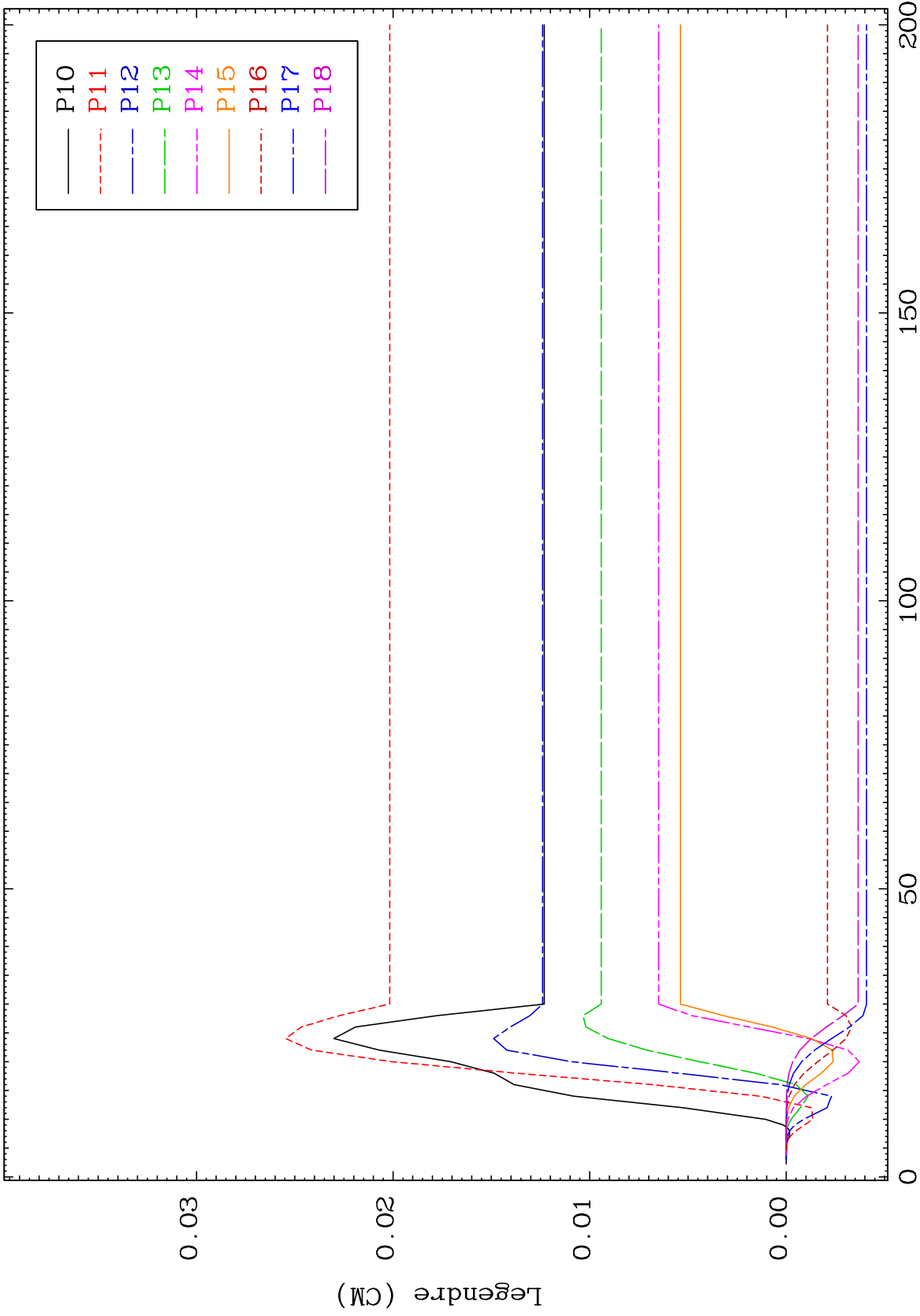
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



55

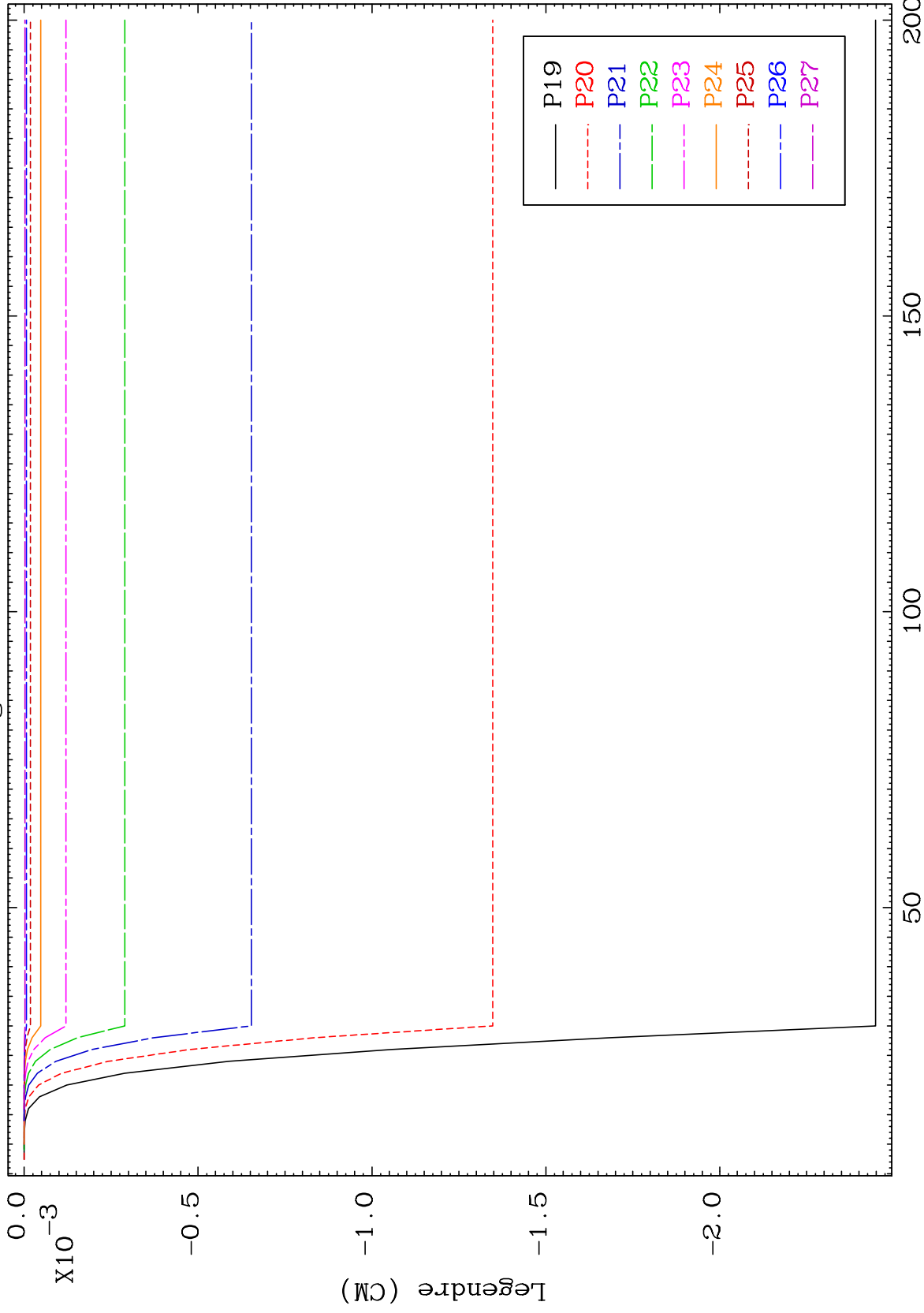
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



49-In-103

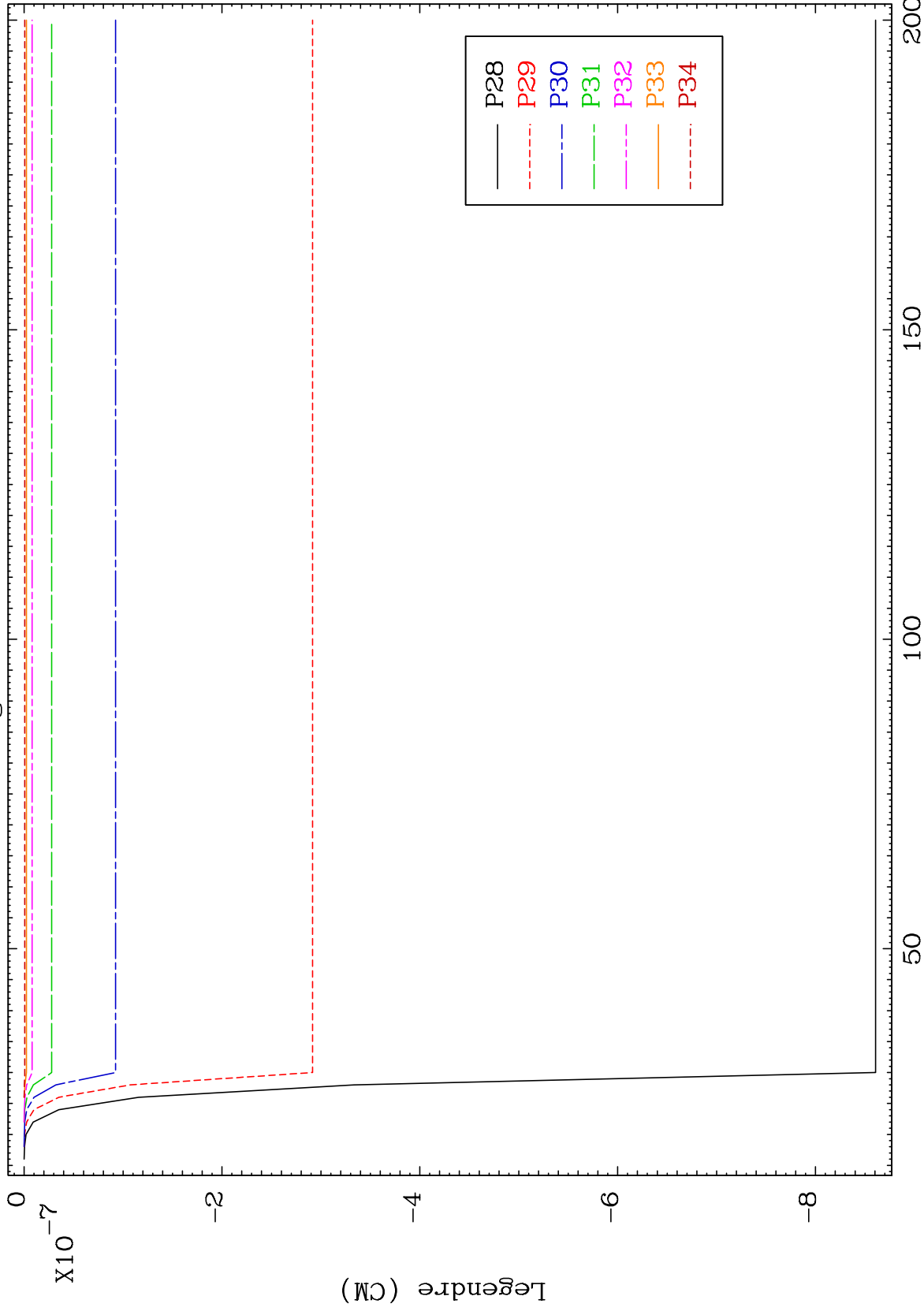
Incident Energy (MeV)

56

MAT 4895

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

49-In-103



57

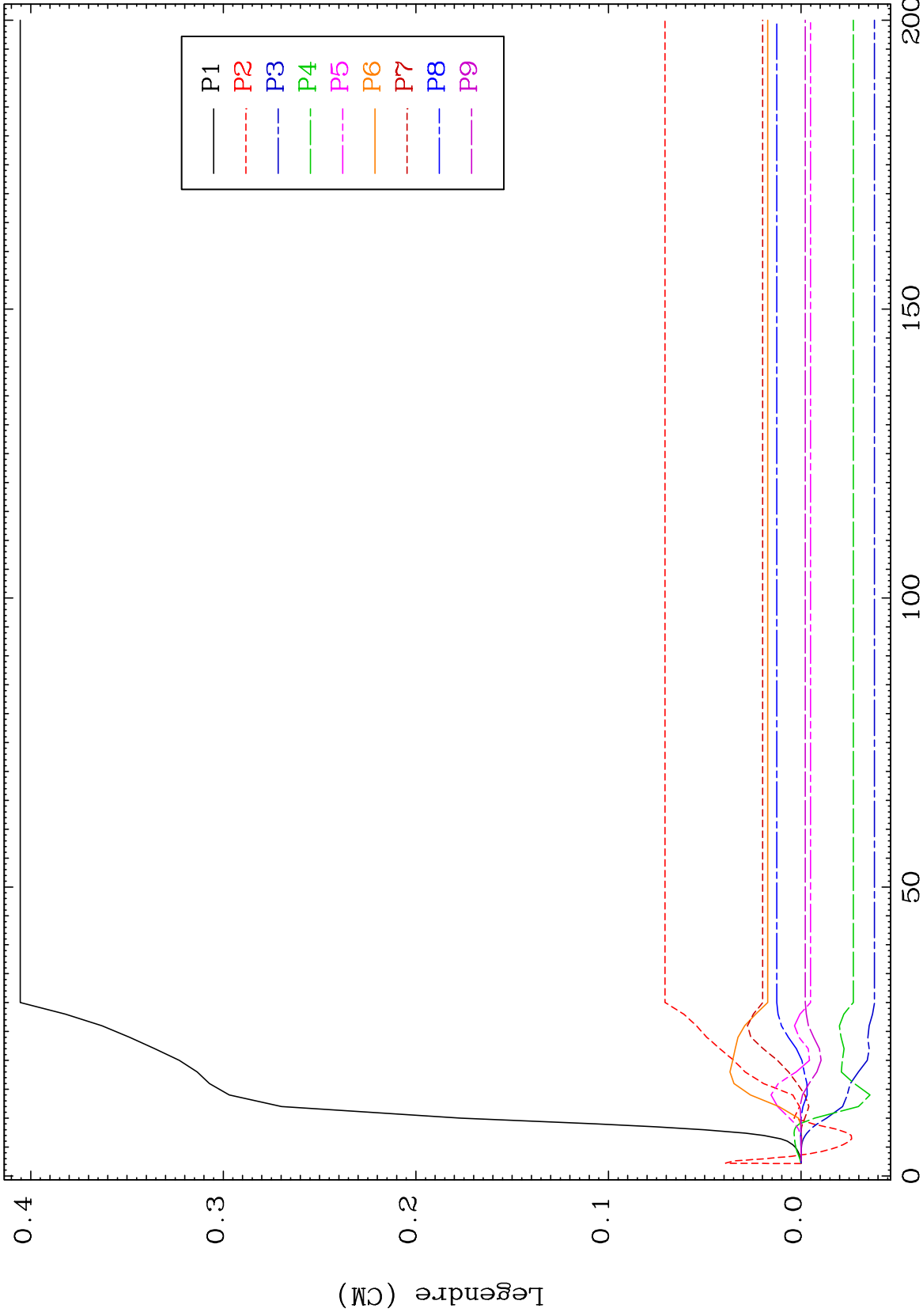
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



58

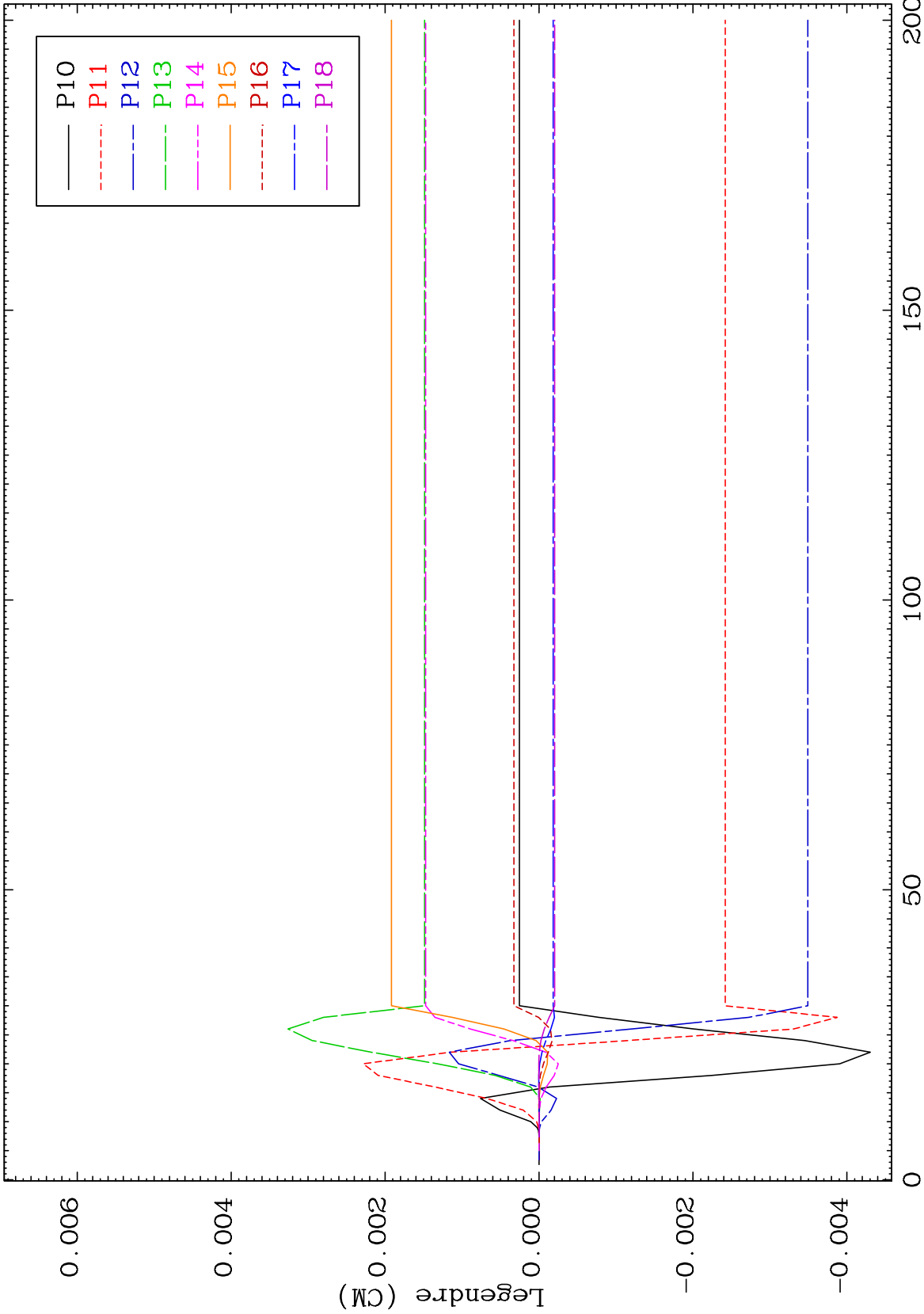
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



59

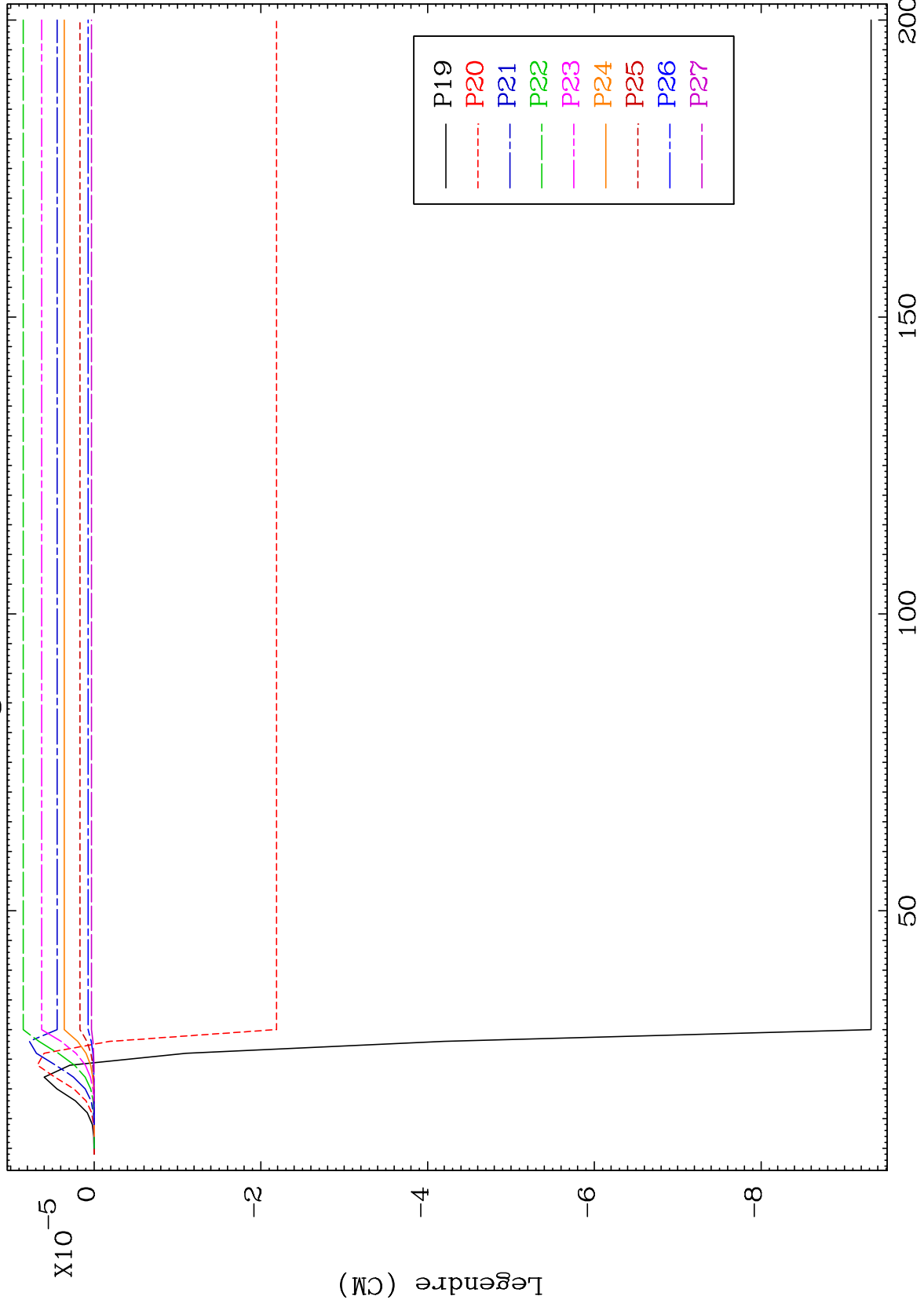
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



60

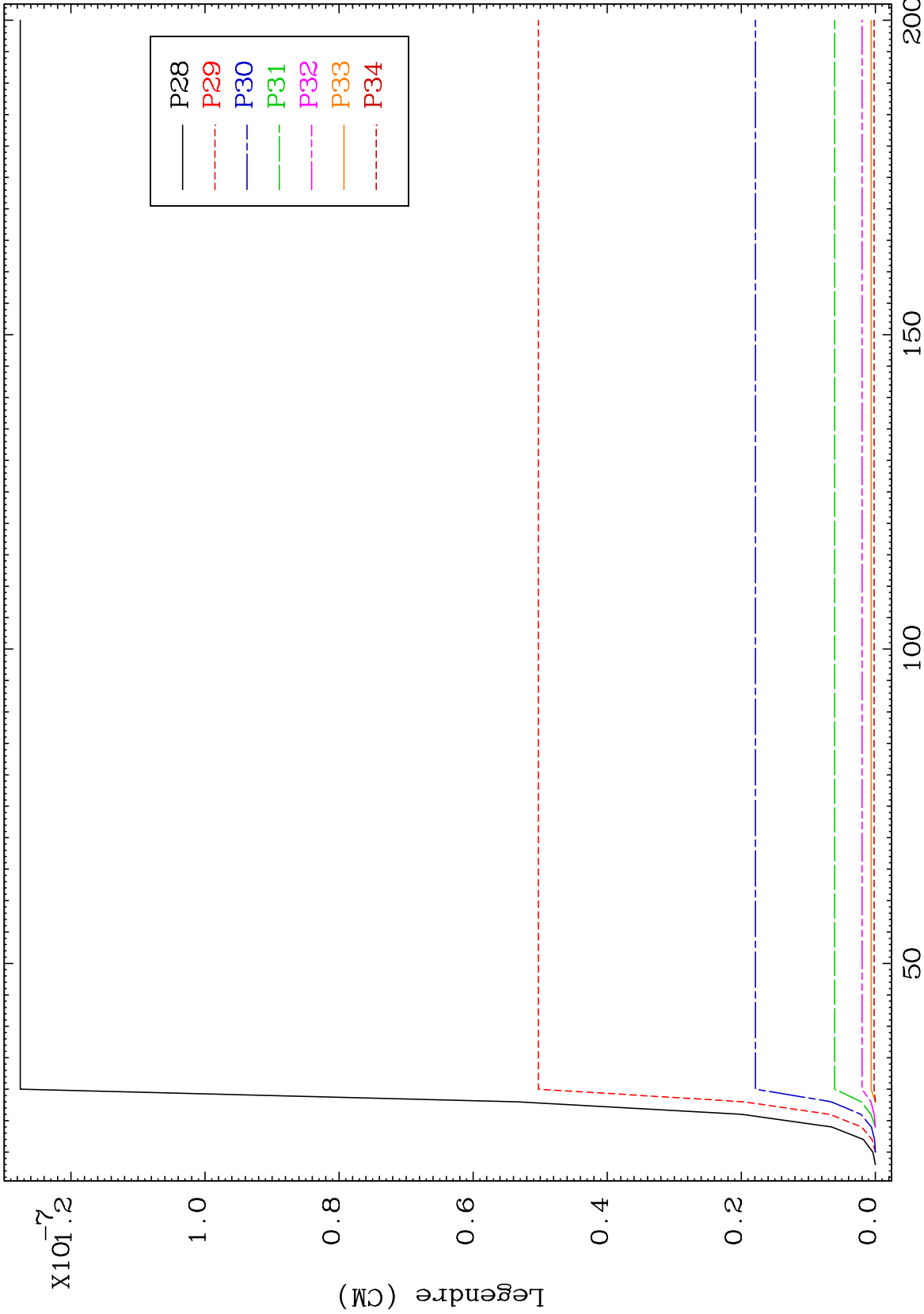
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



61

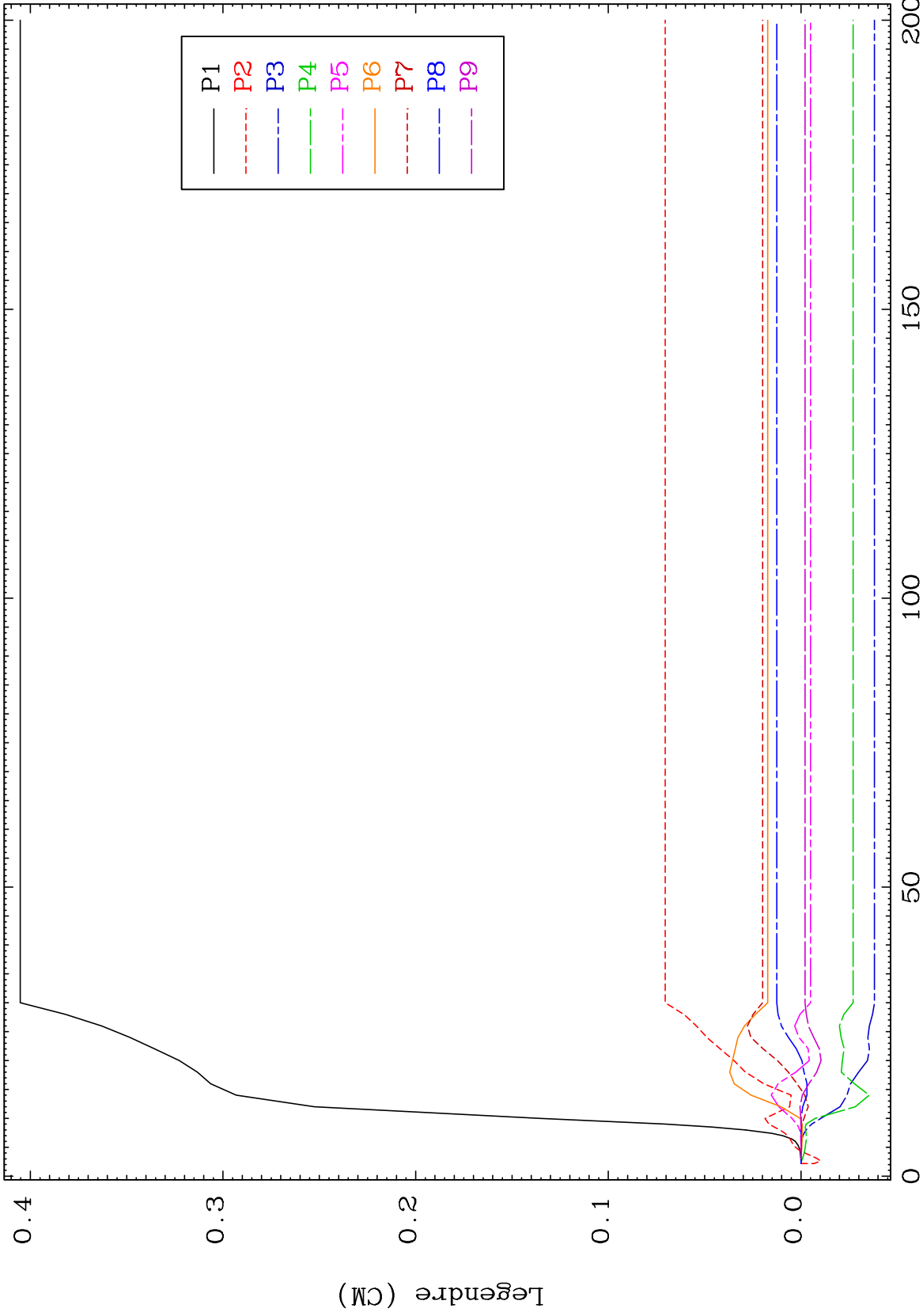
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



62

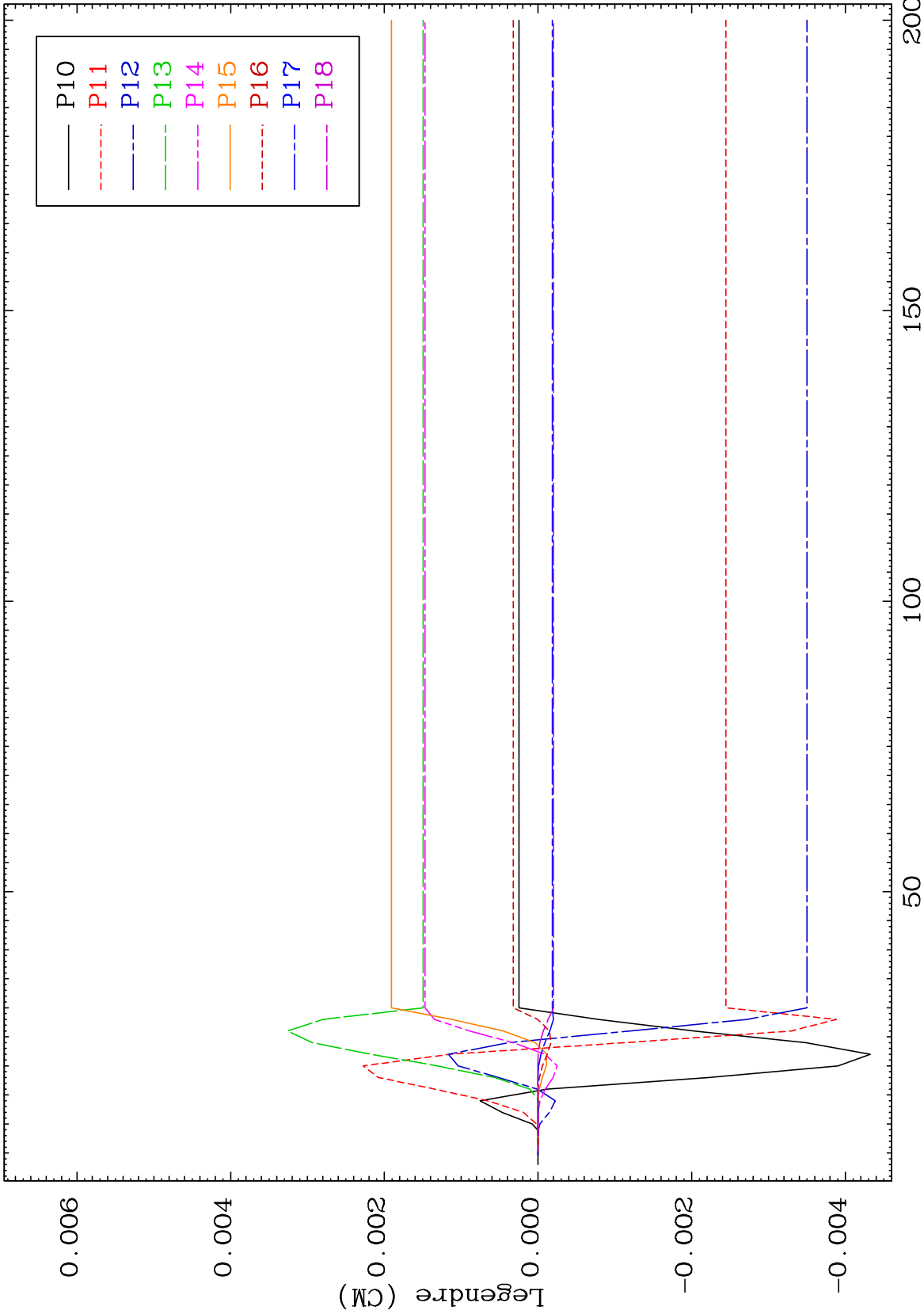
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



63

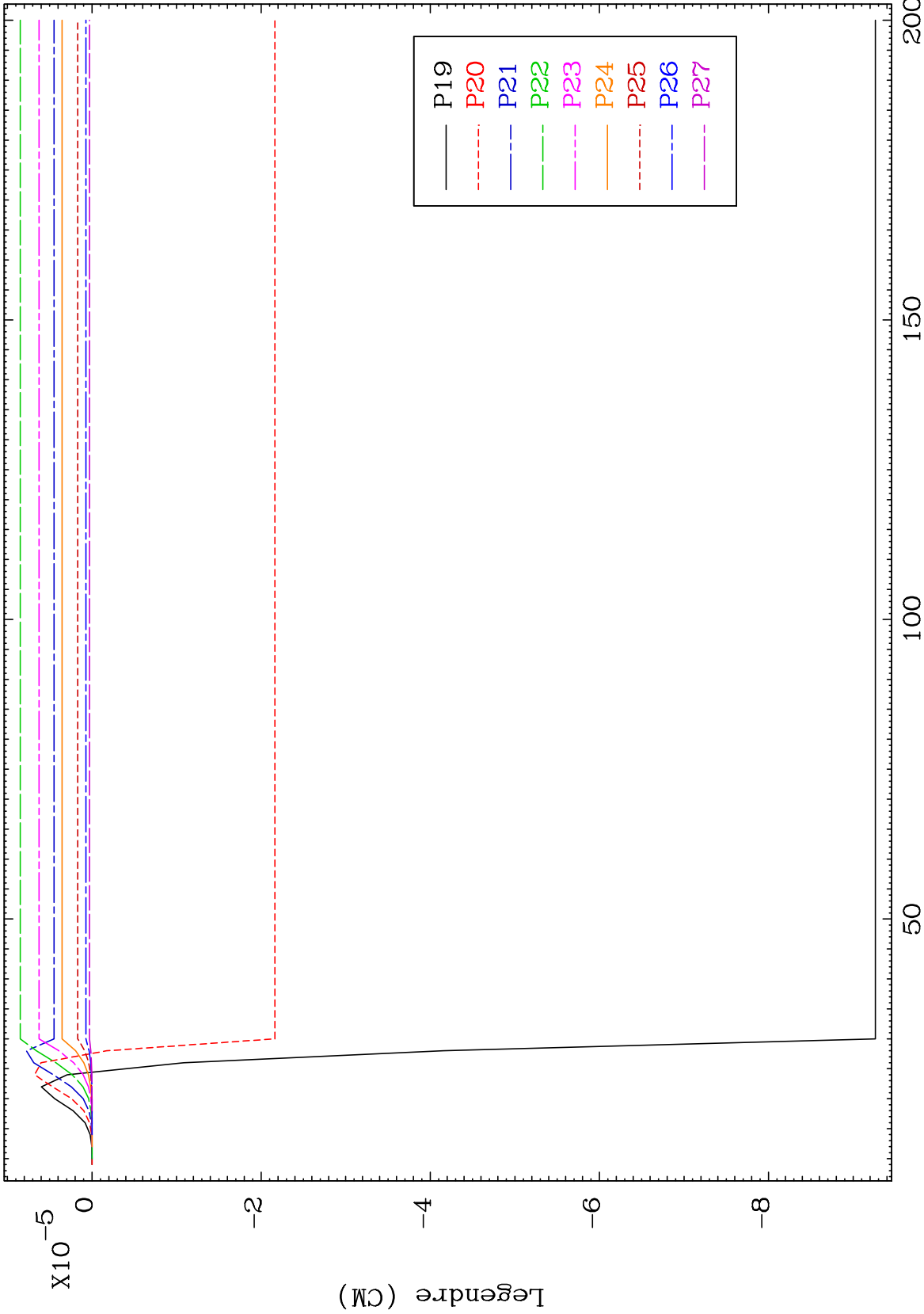
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



64

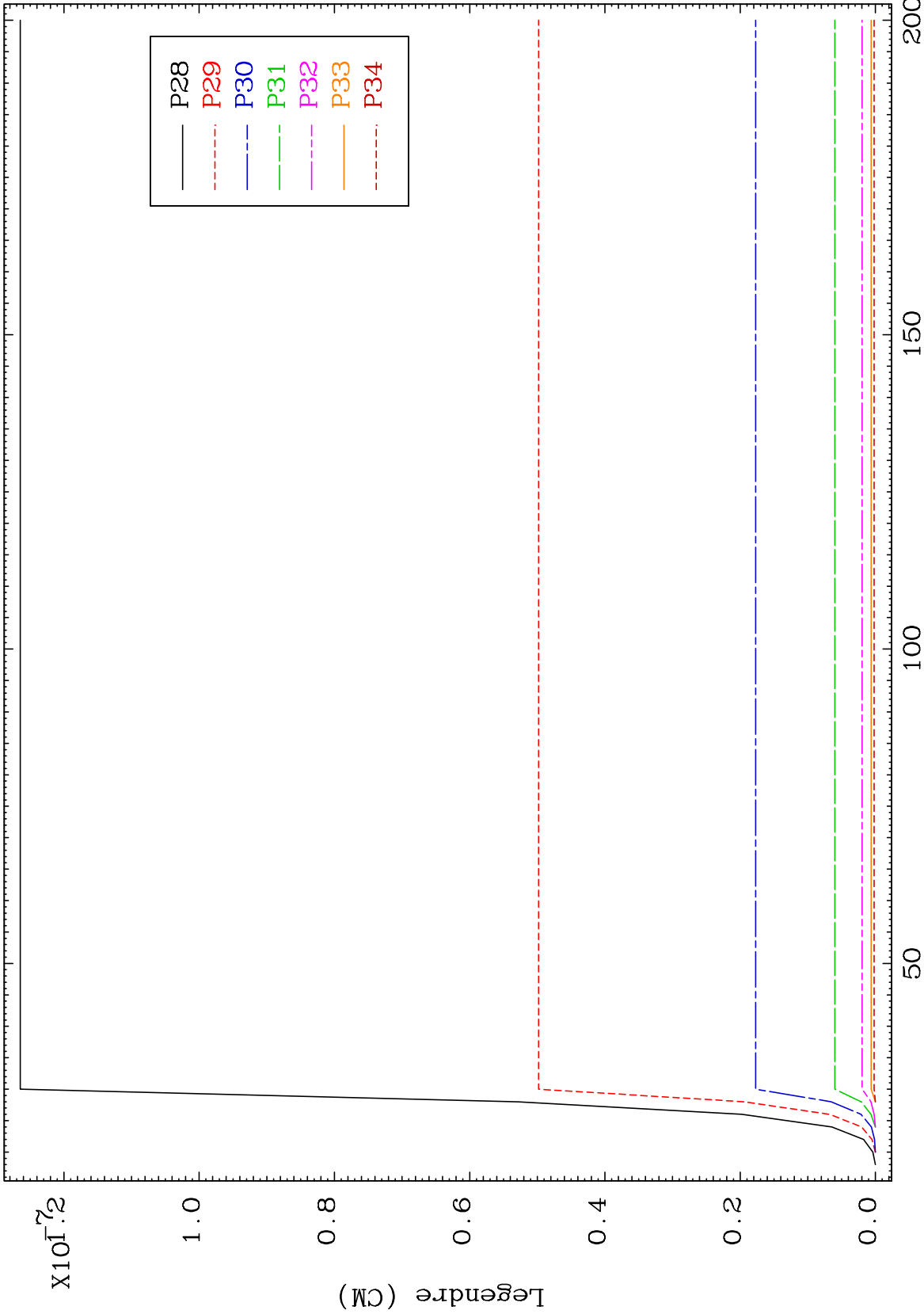
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



65

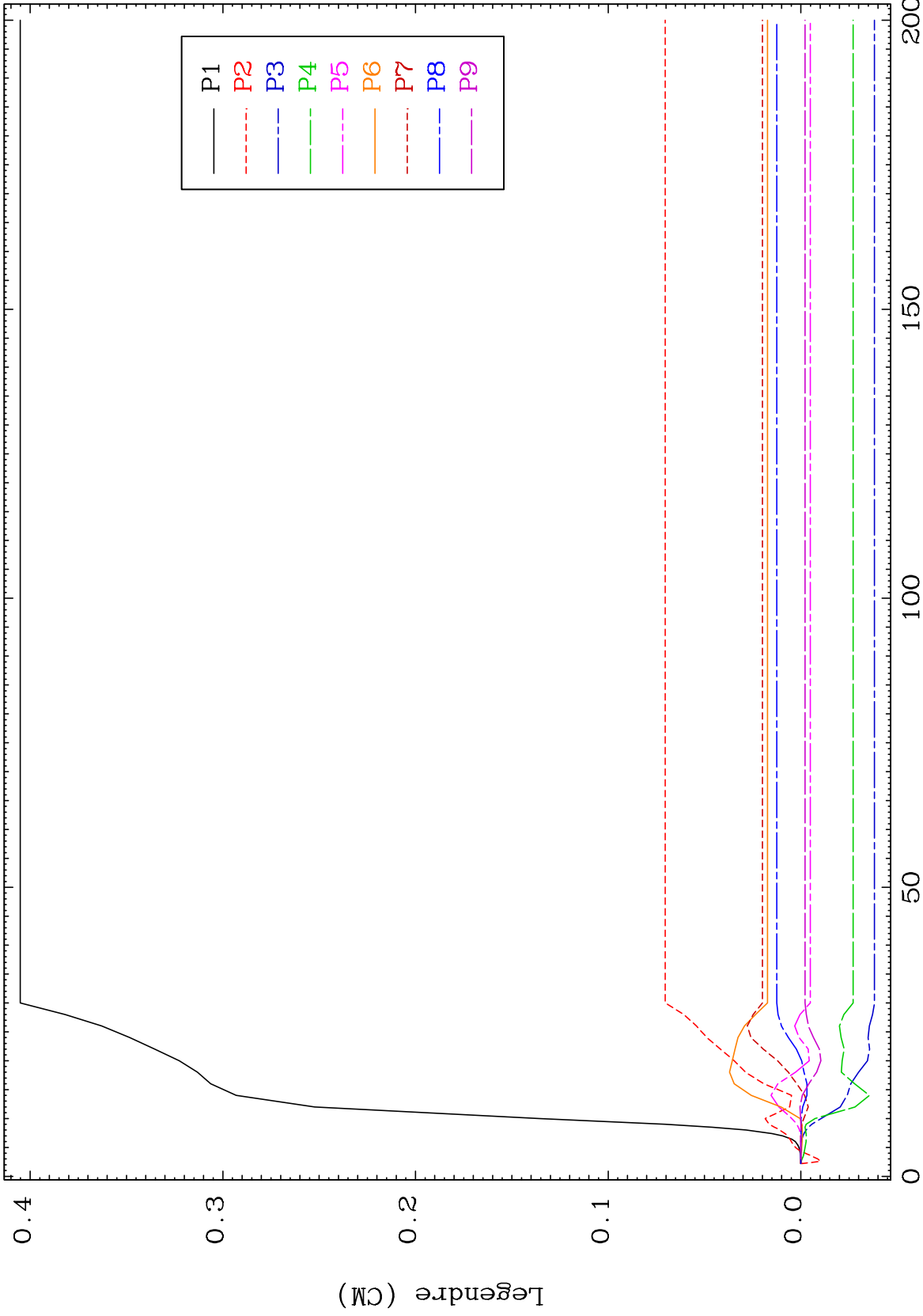
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



66

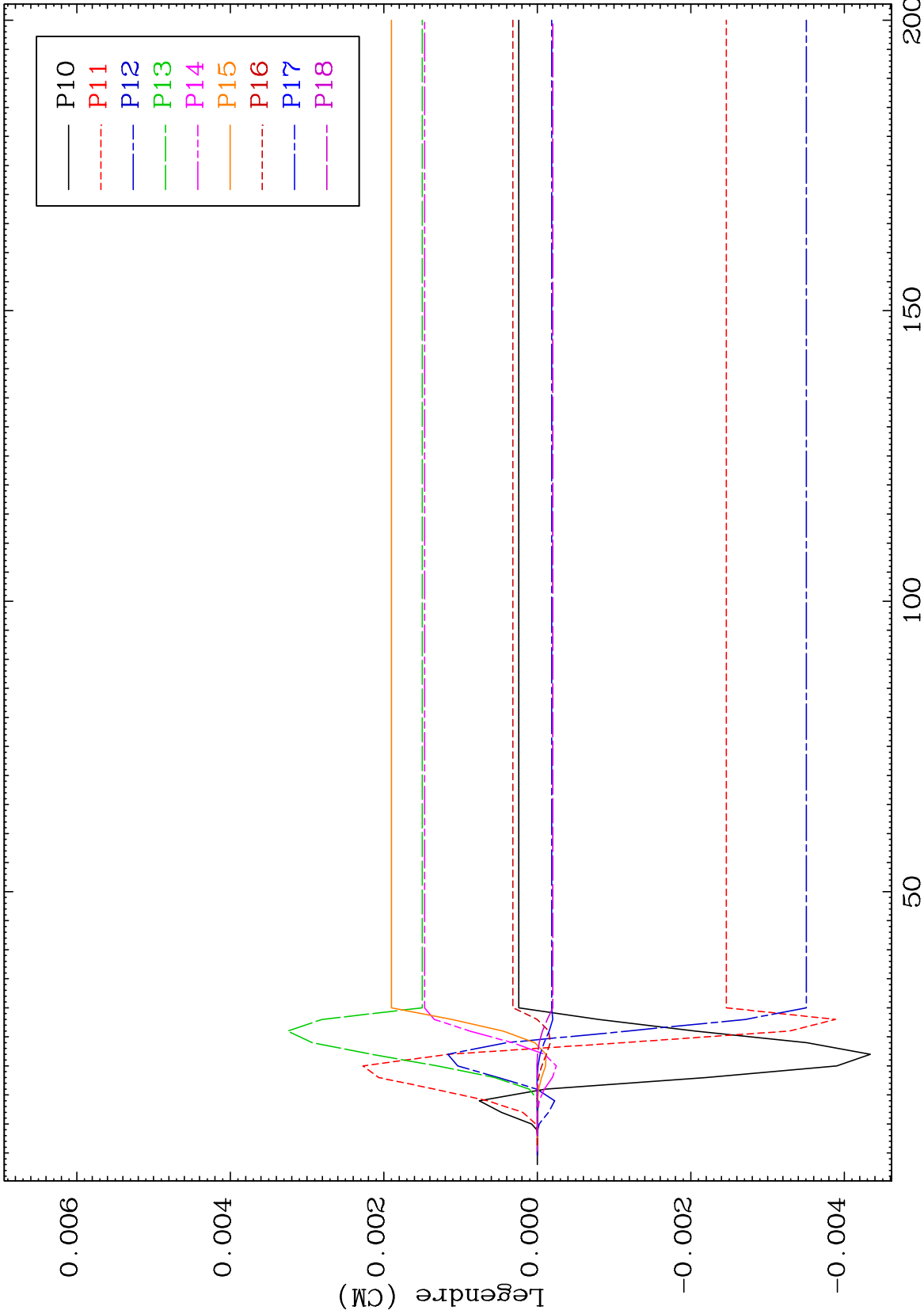
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



67

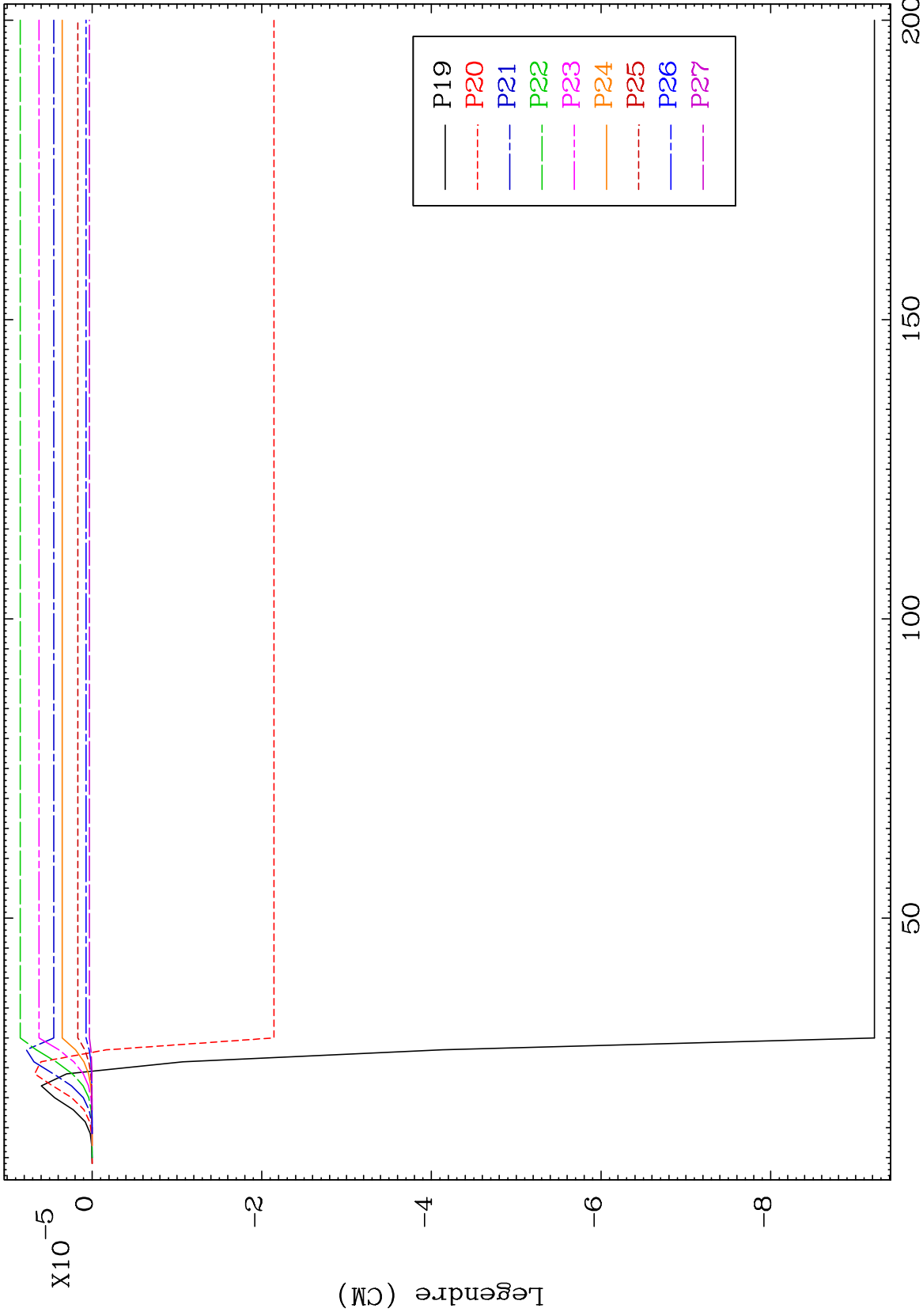
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



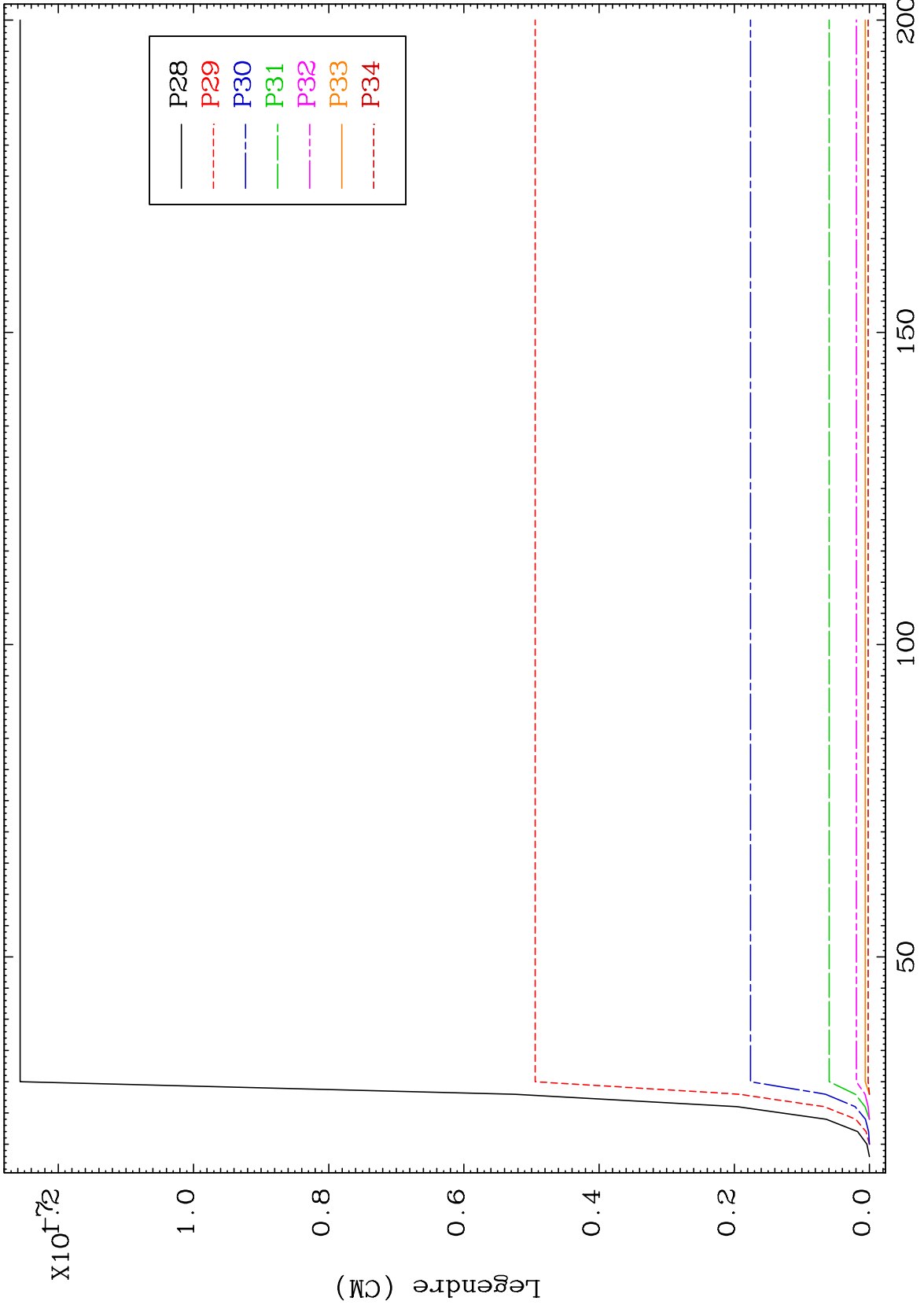
68

49-In-103

MAT 4895

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

49-In-103



69

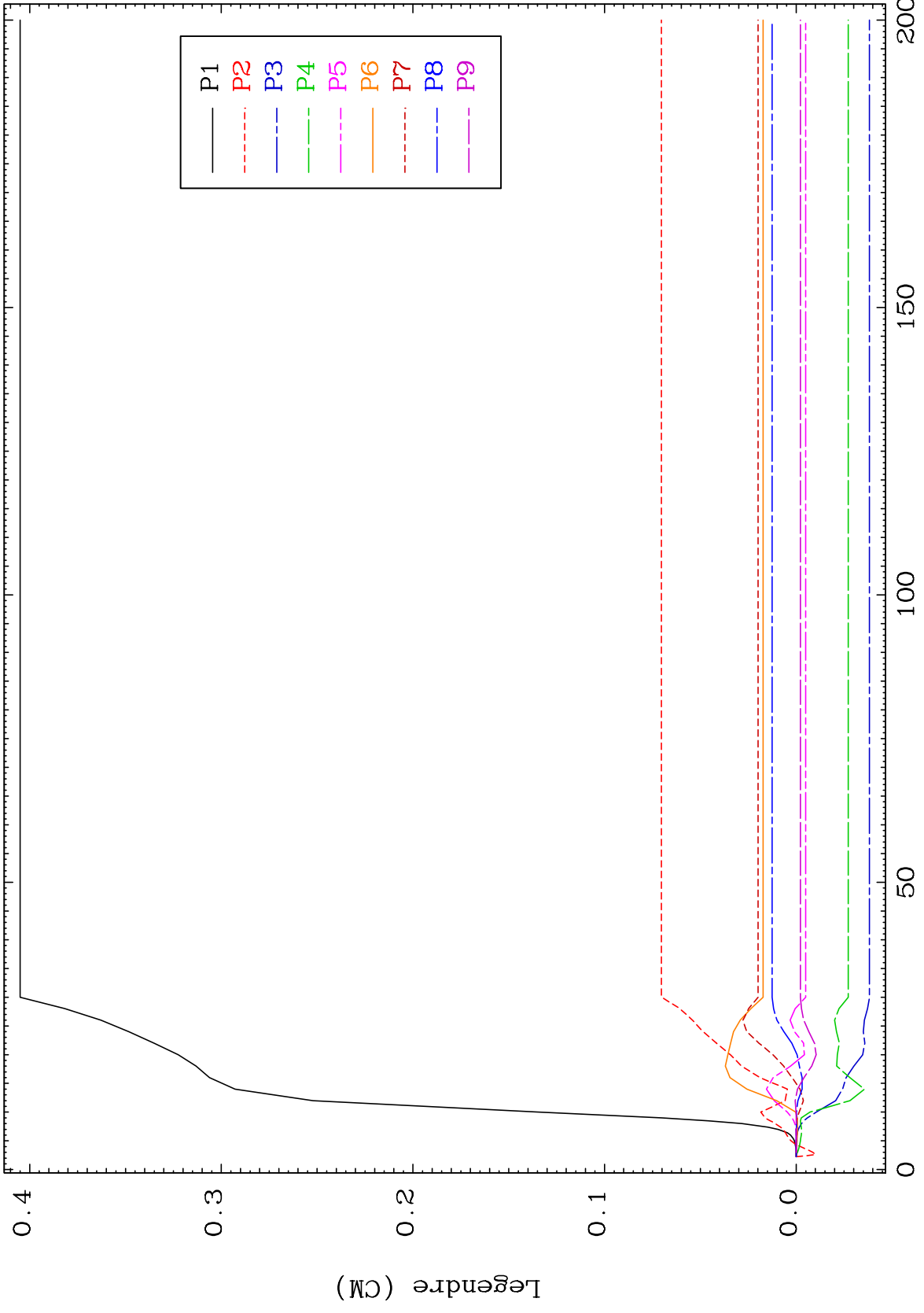
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



70

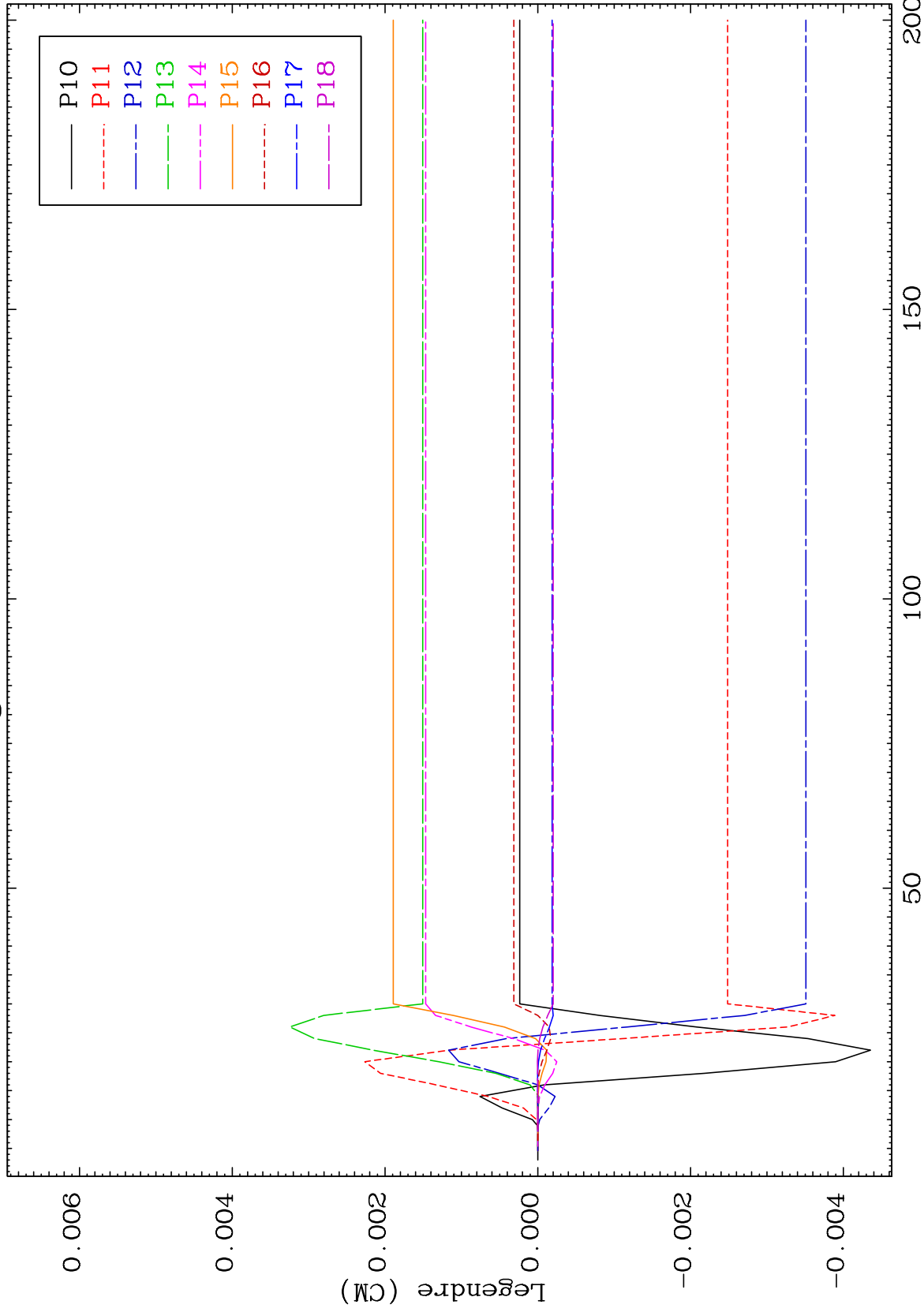
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



71

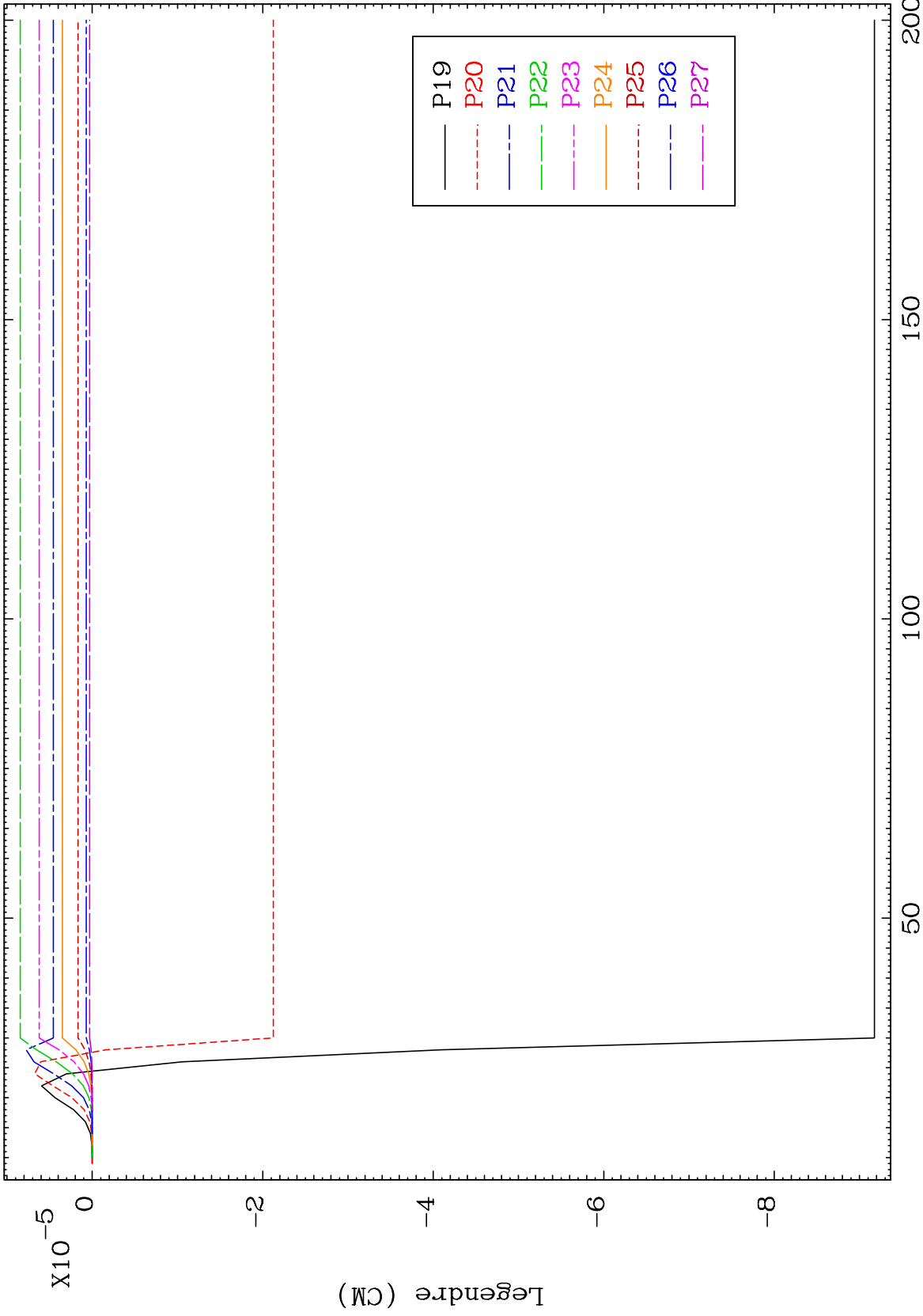
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



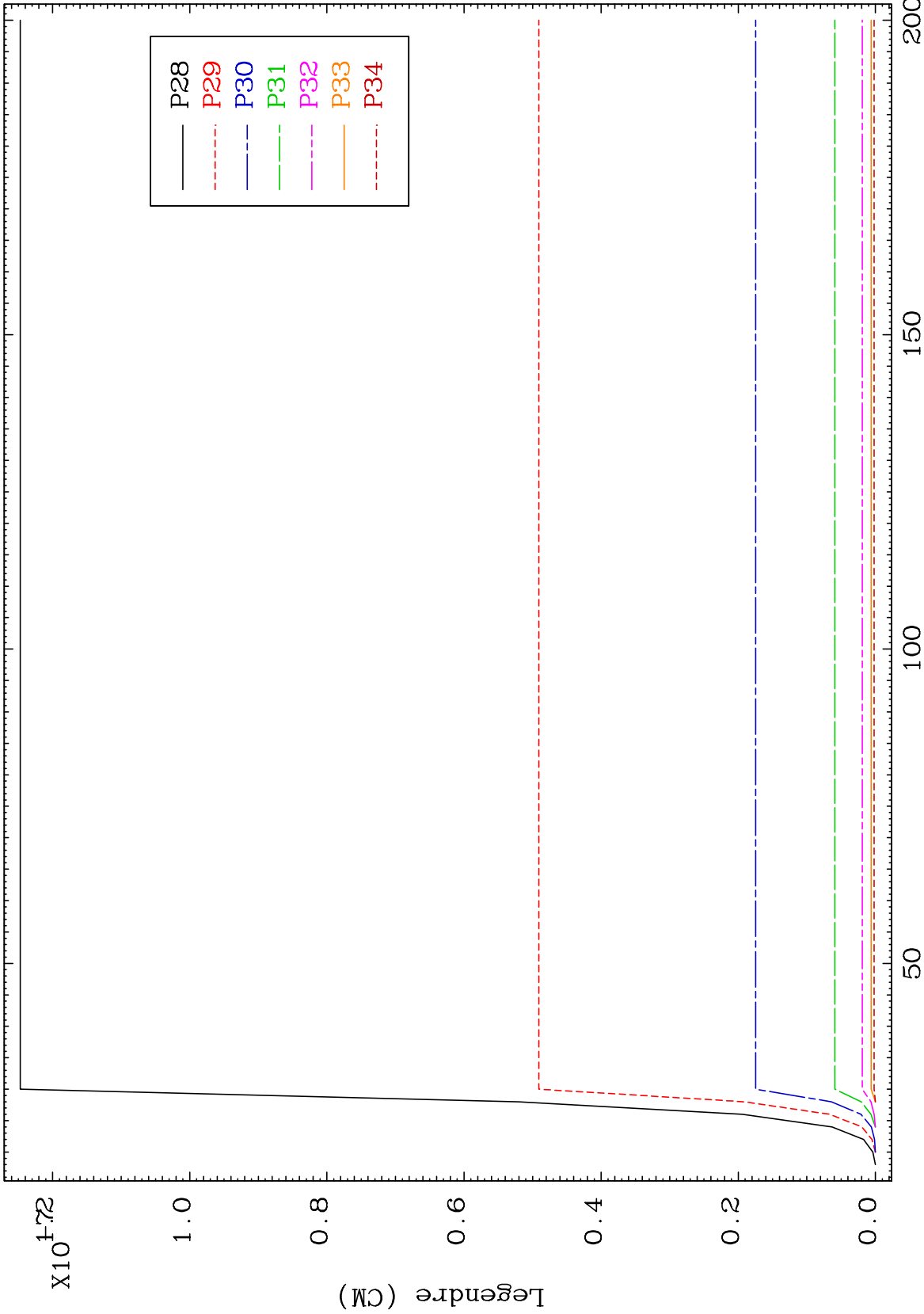
72

49-In-103

MAT 4895

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

49-In-103



73

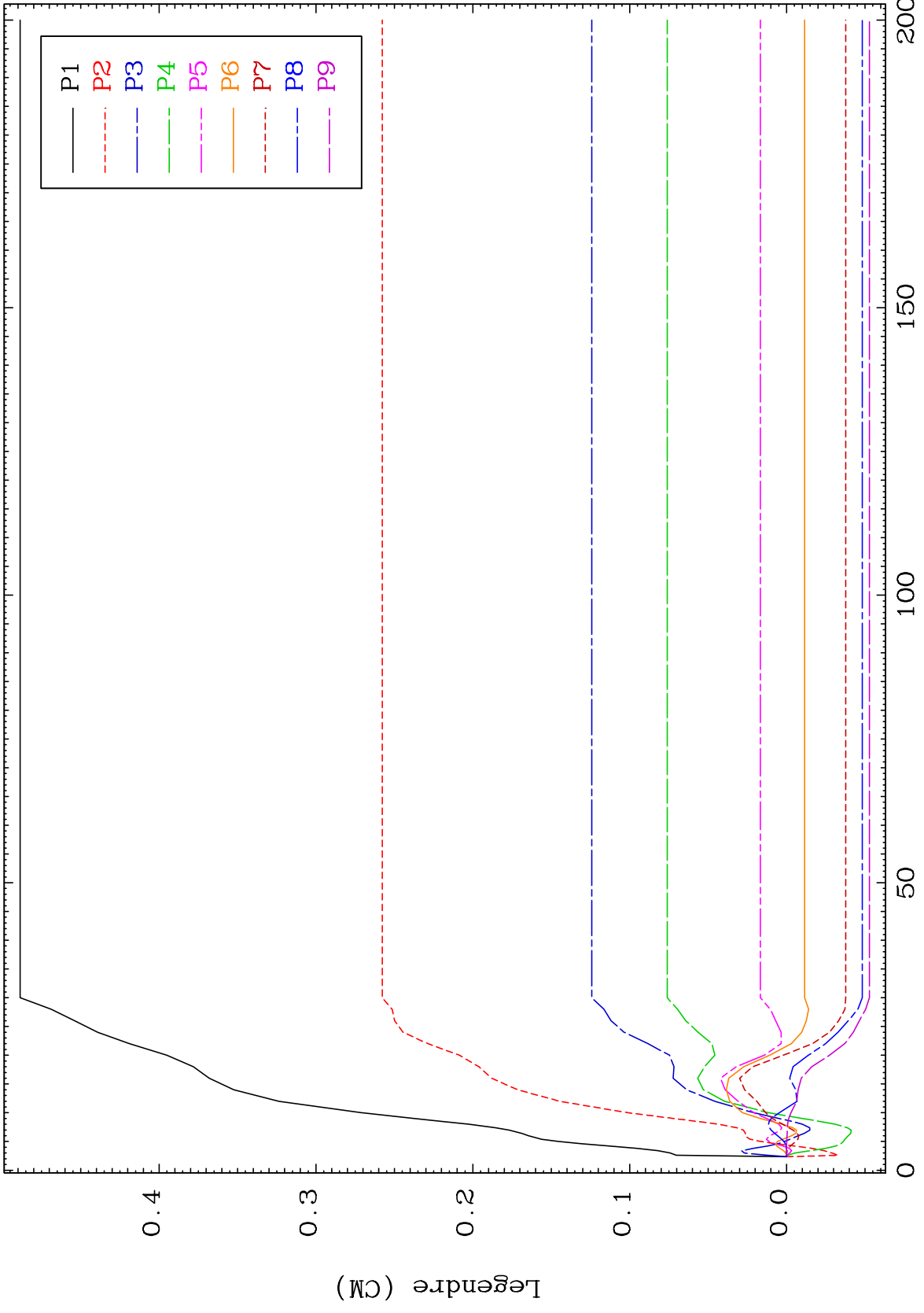
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



74

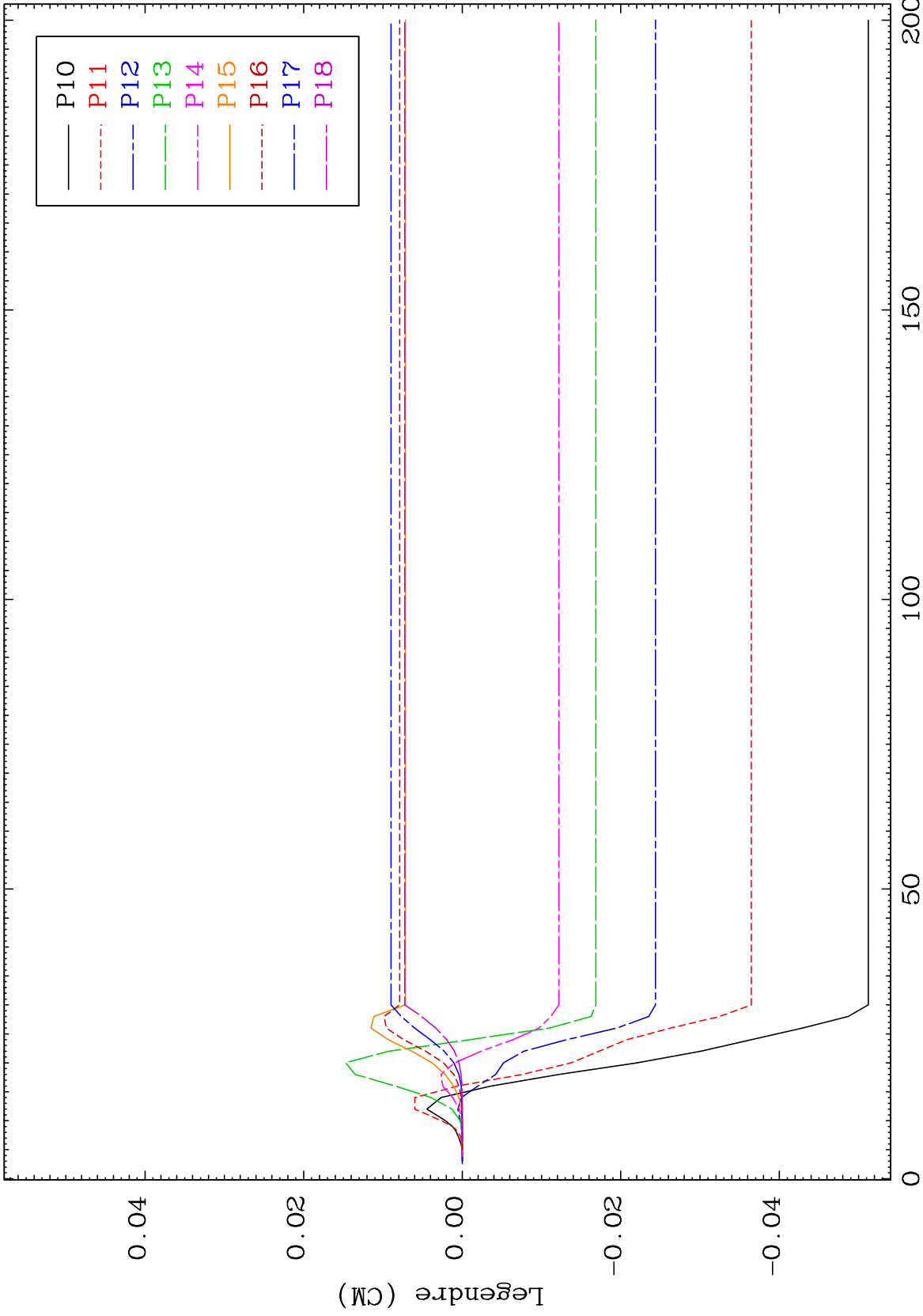
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



75

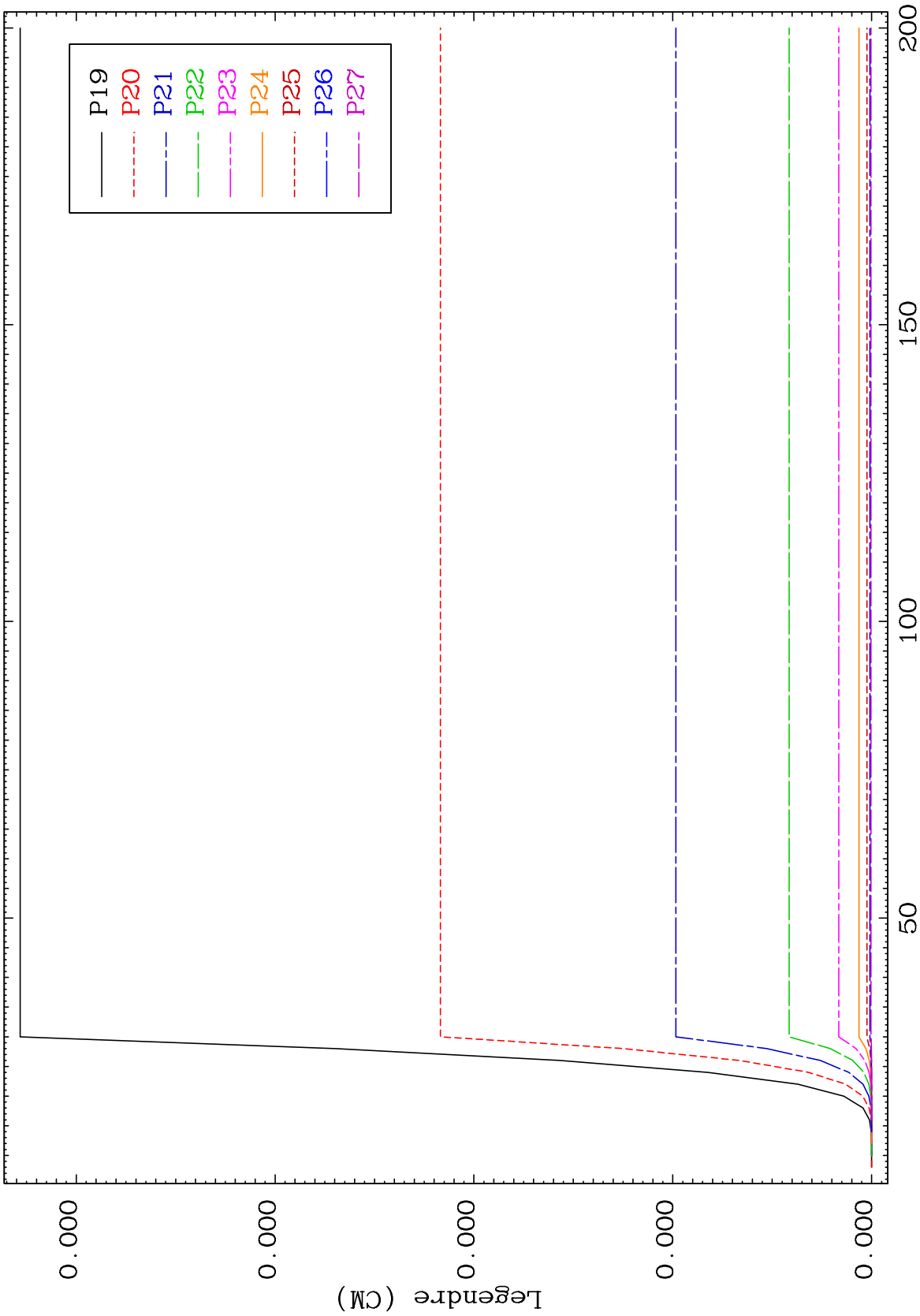
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



76

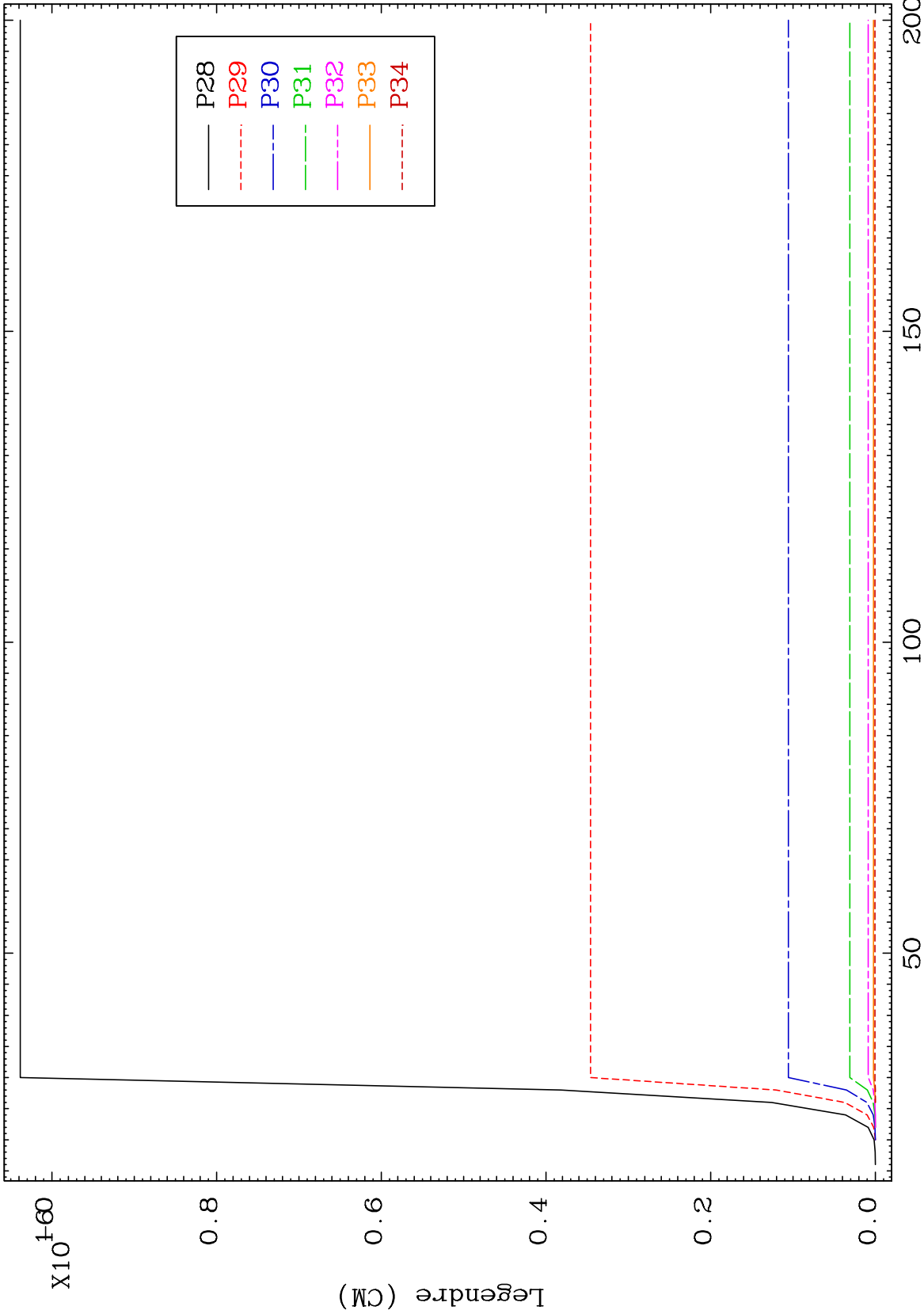
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



77

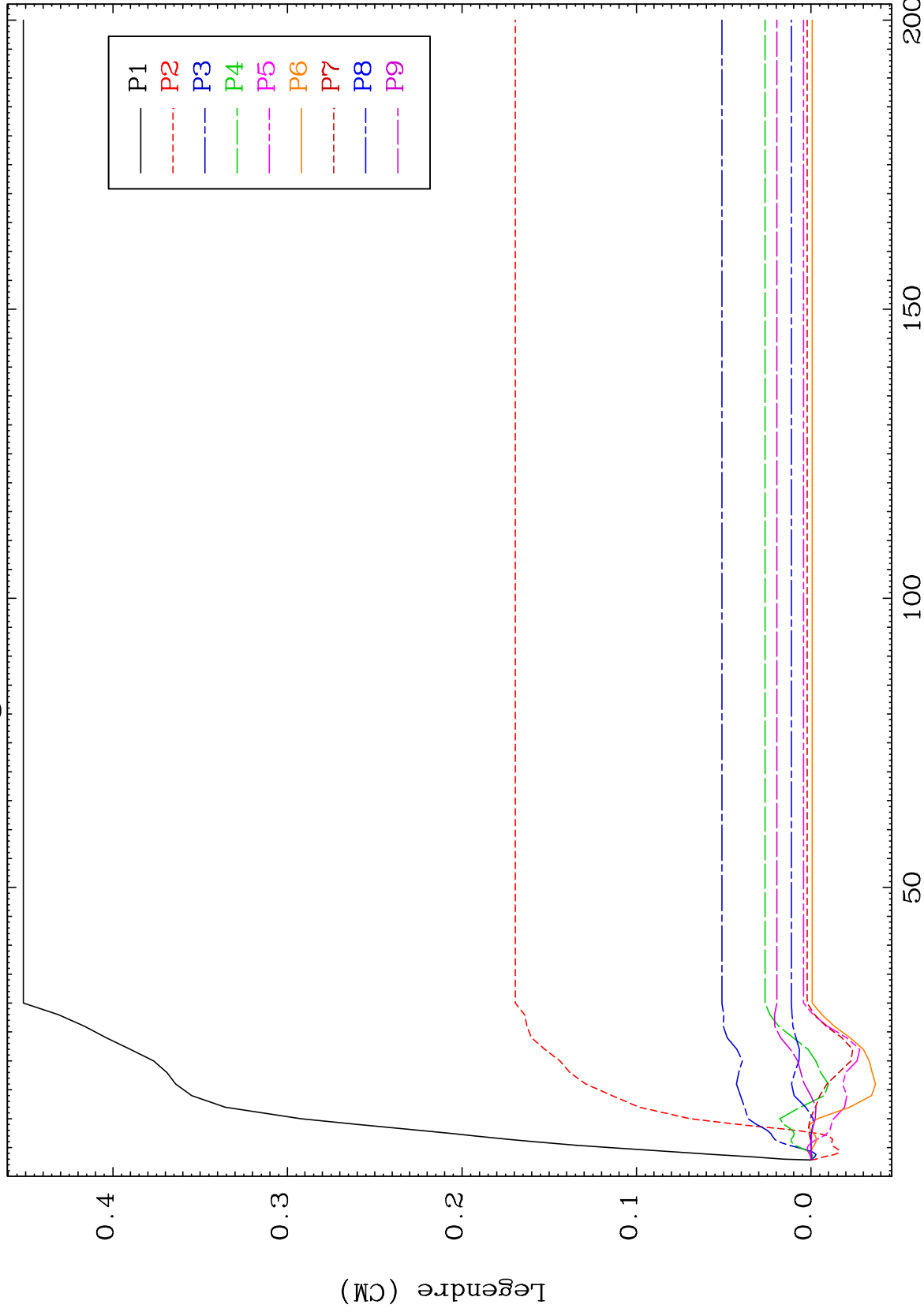
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



78

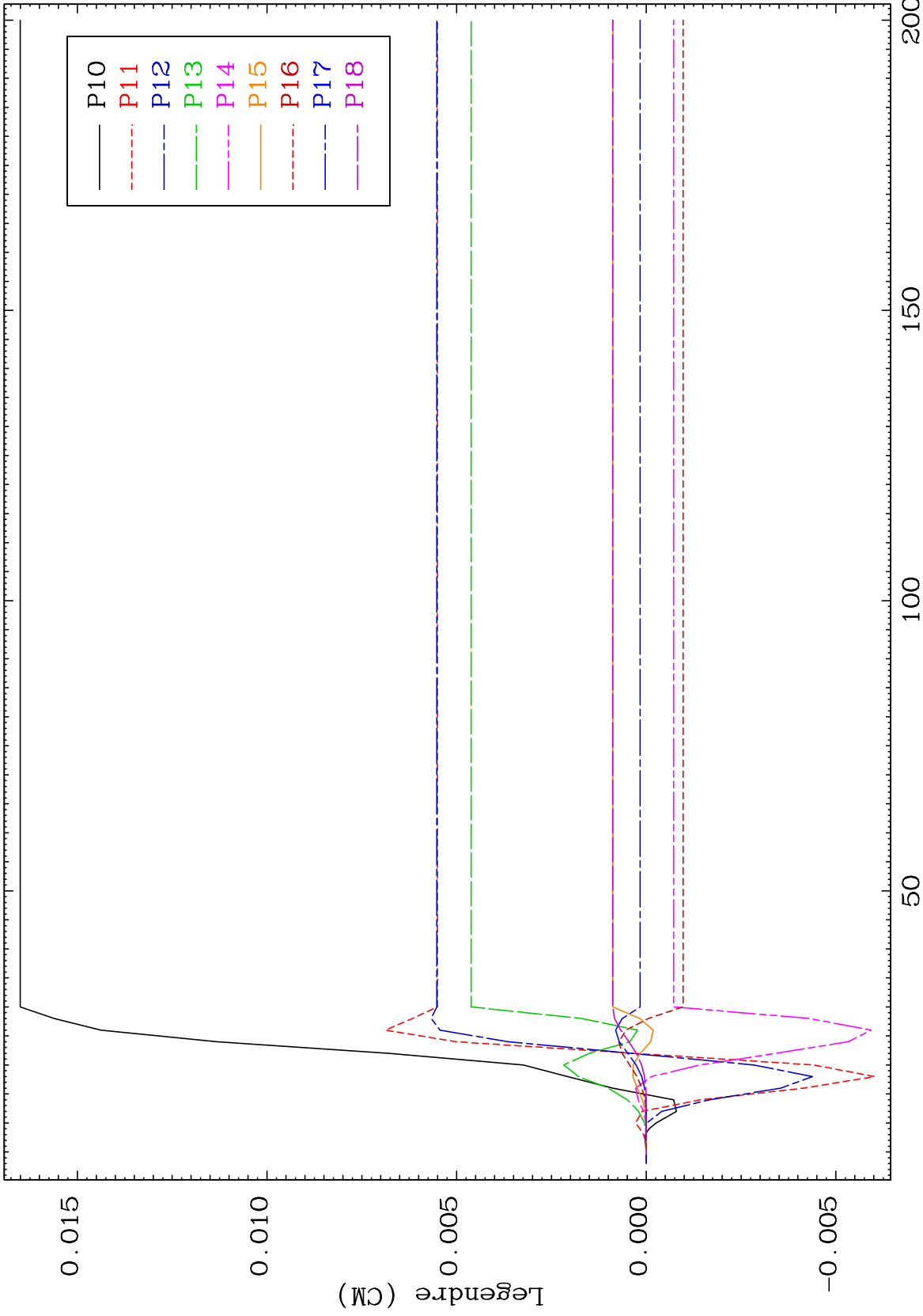
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



79

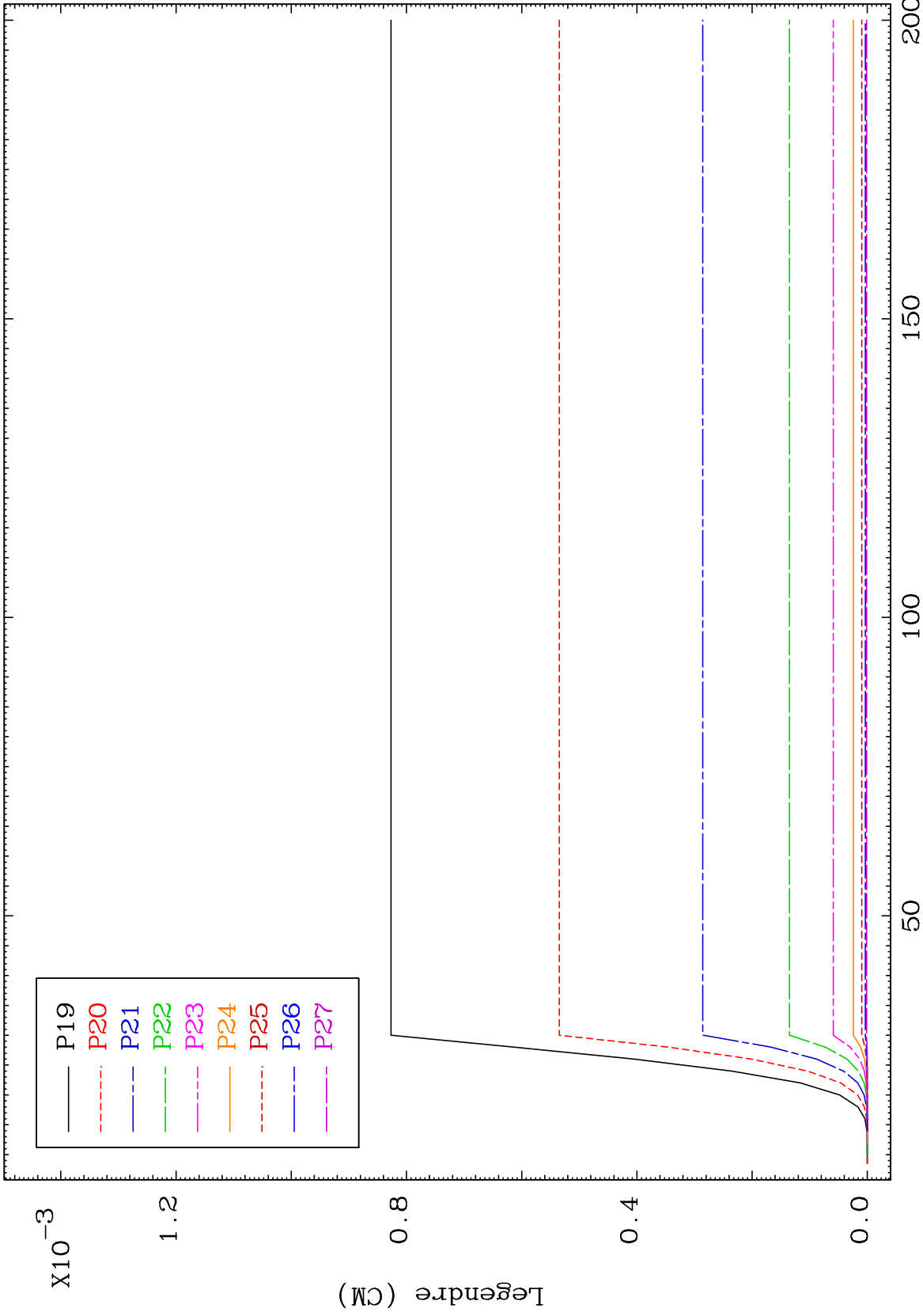
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



80

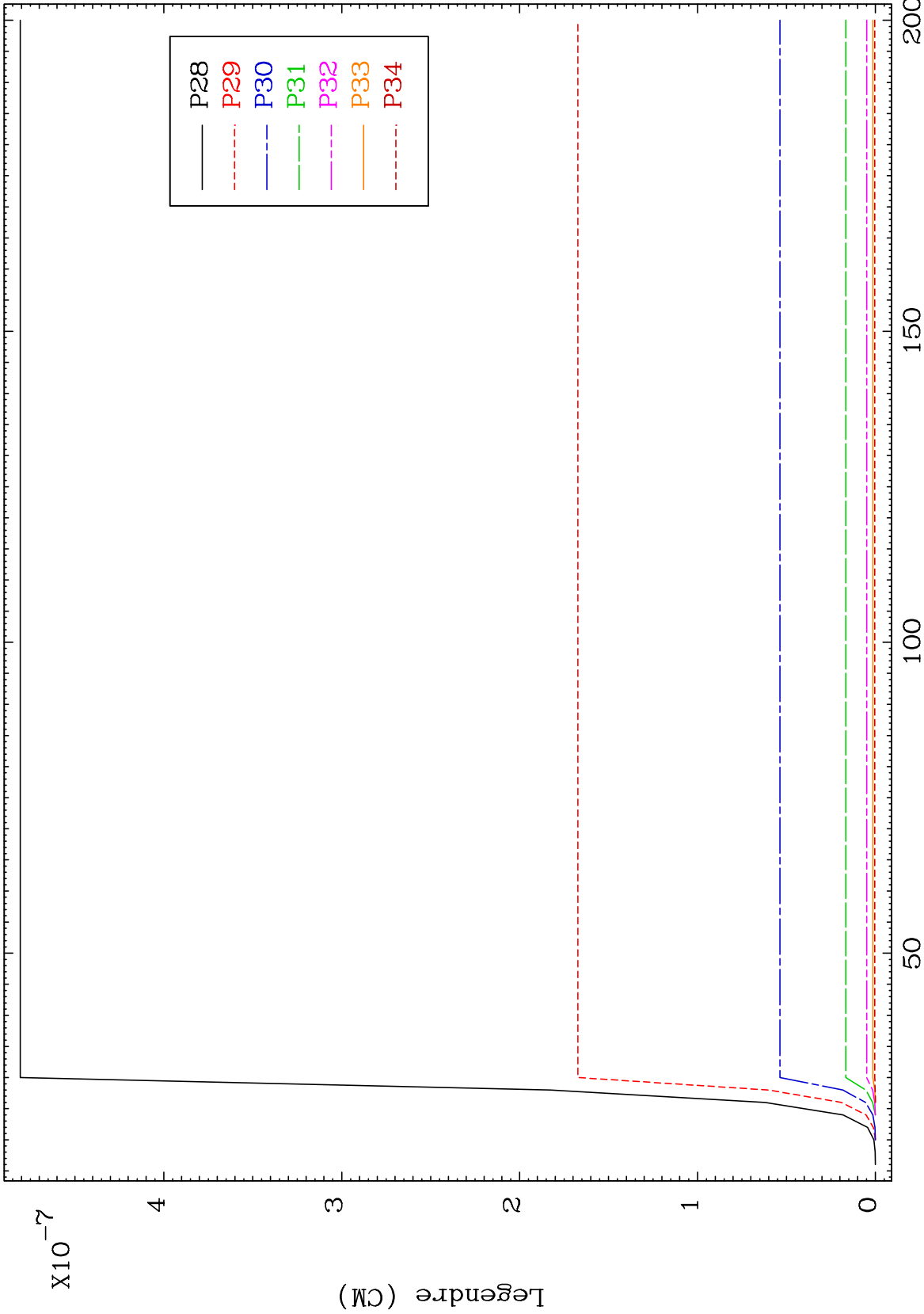
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



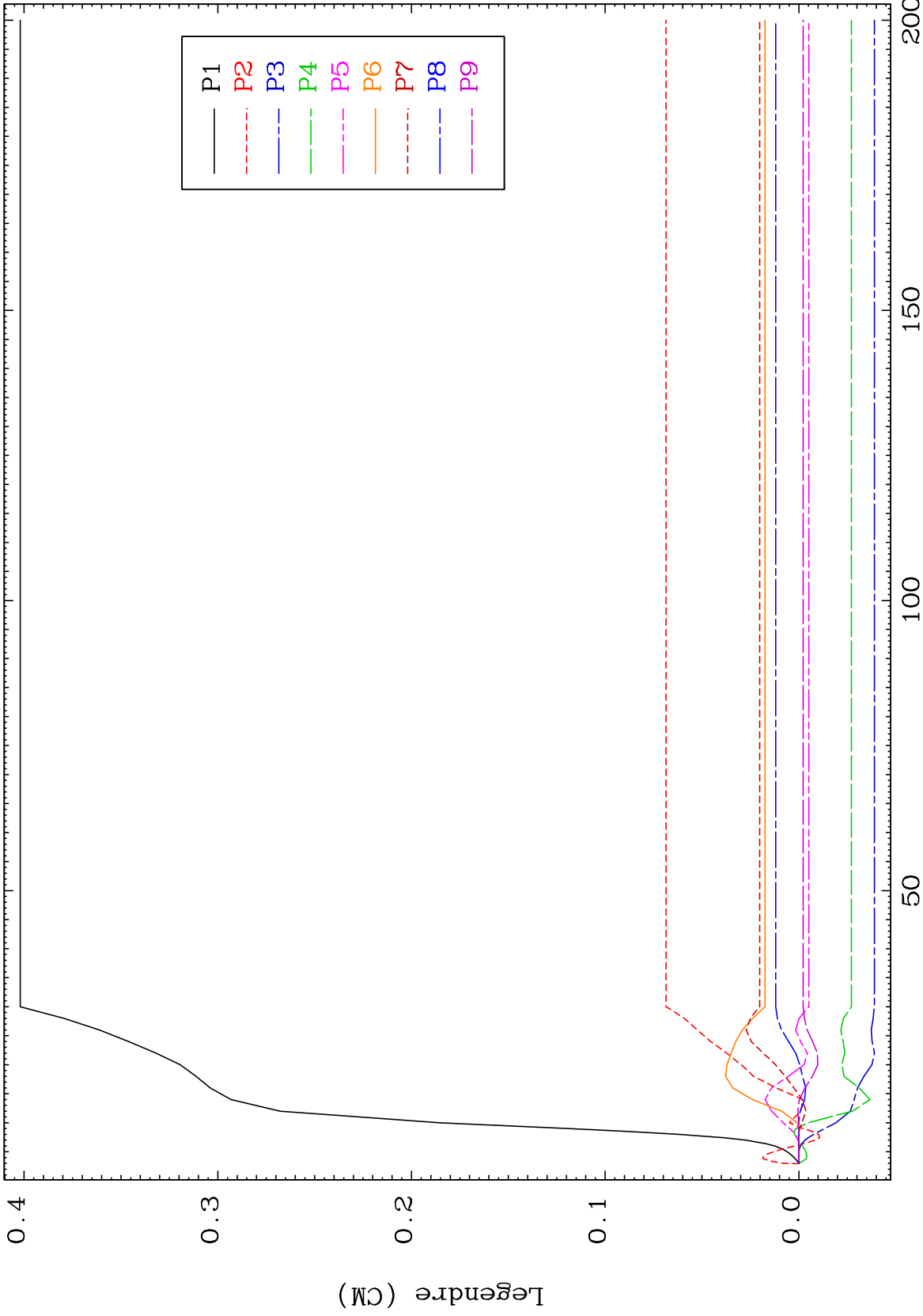
81

49-In-103

MAT 4895

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

49-In-103



82

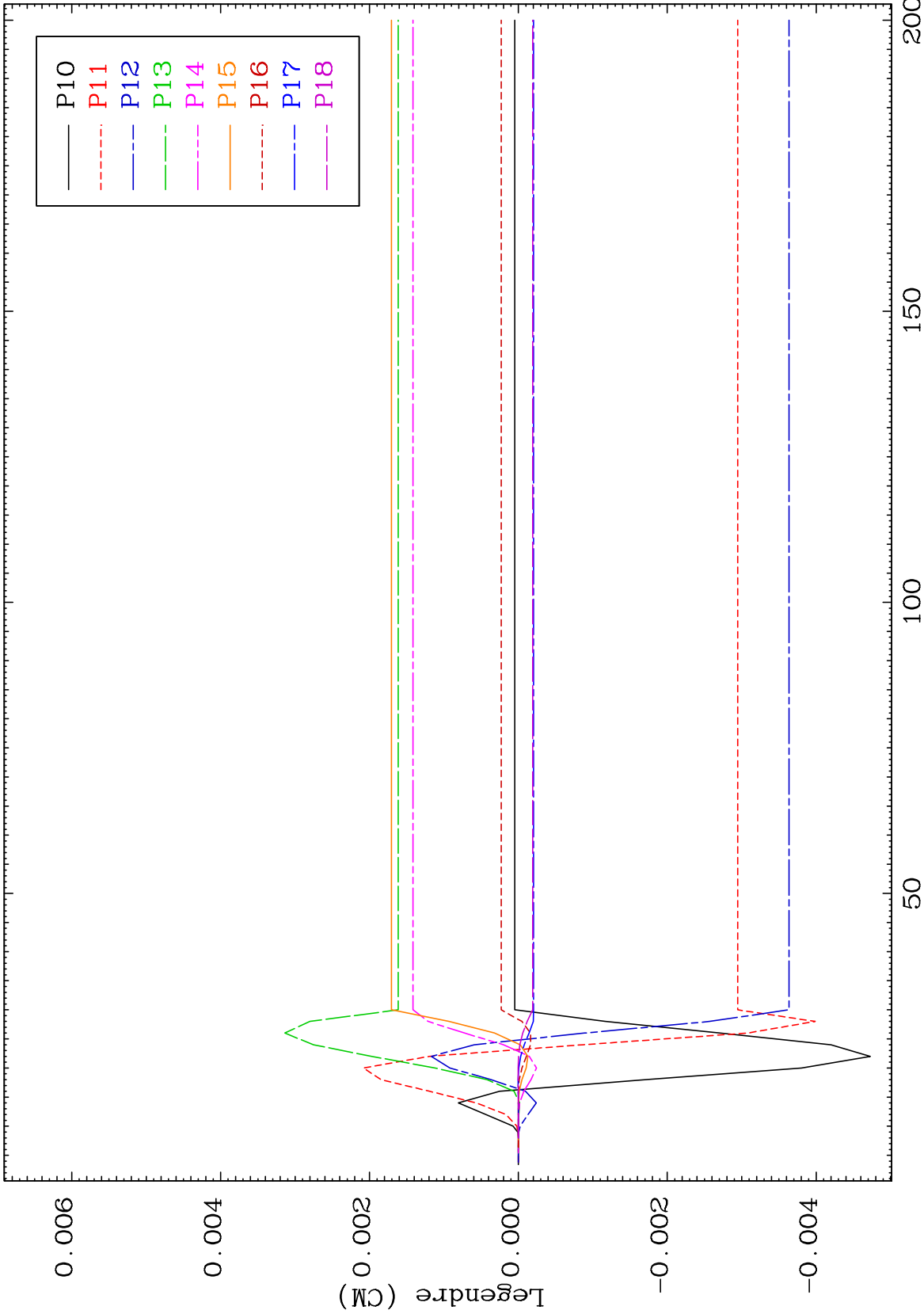
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



83

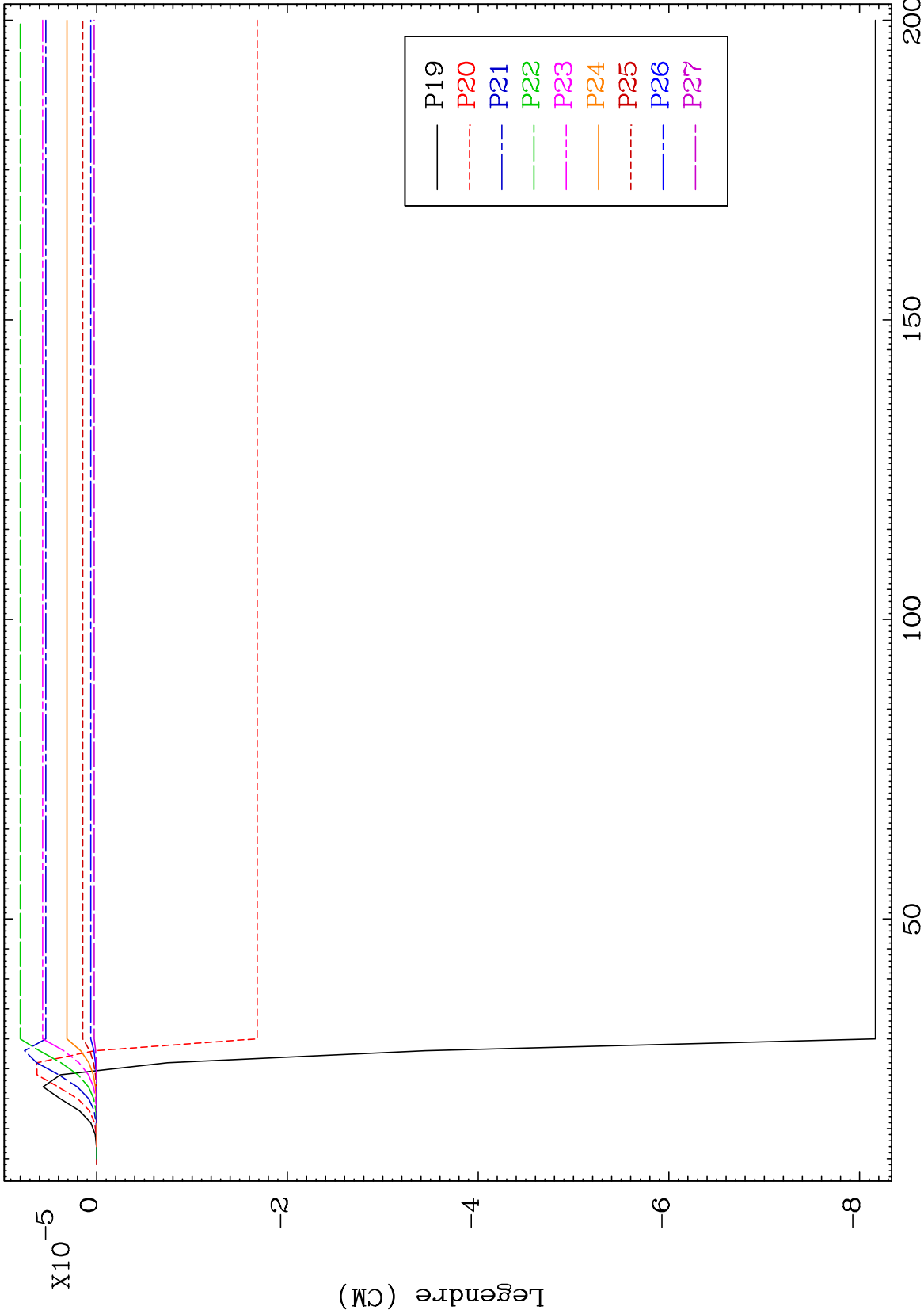
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



84

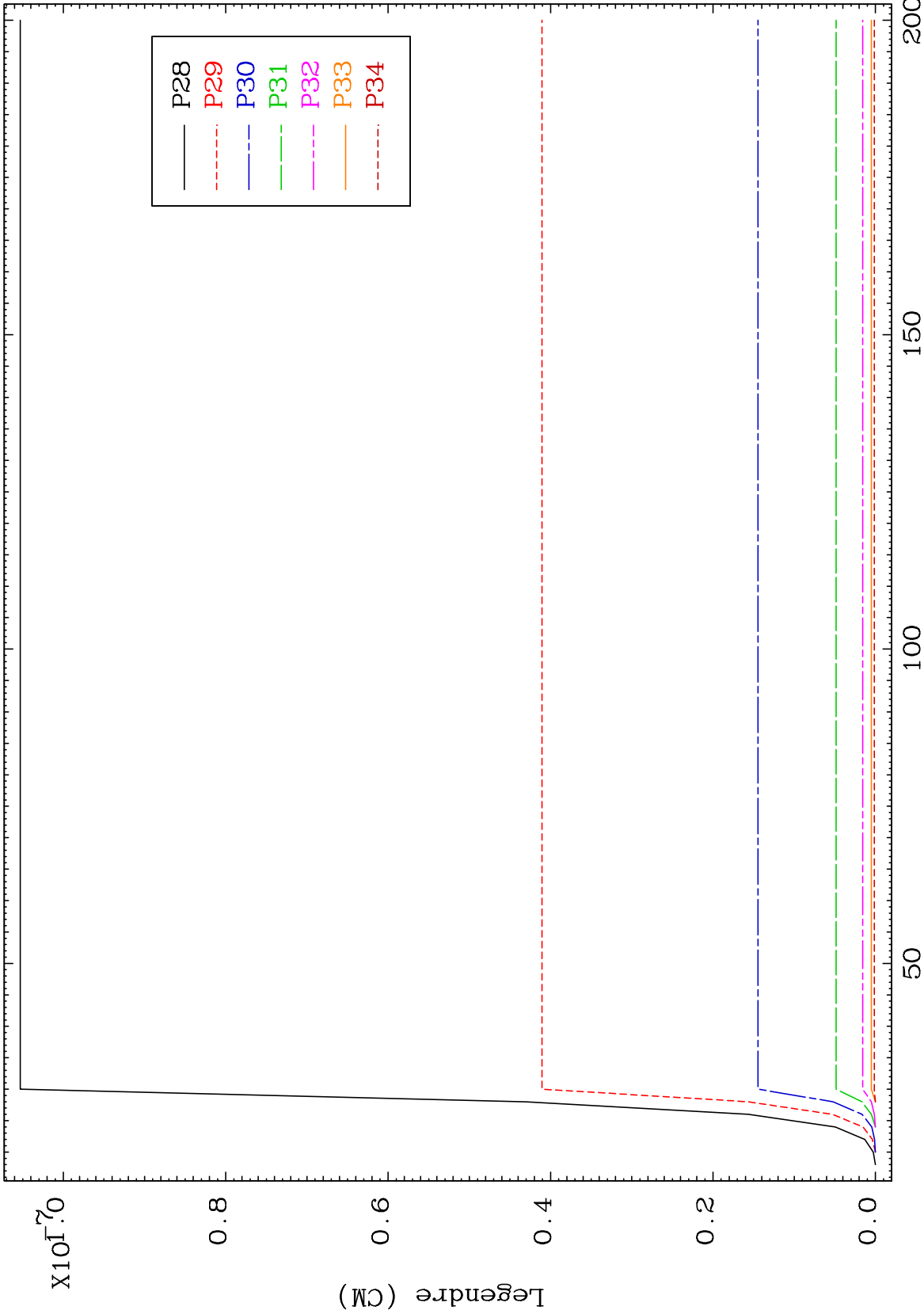
Incident Energy (MeV)

49-In-103

MAT 4895

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

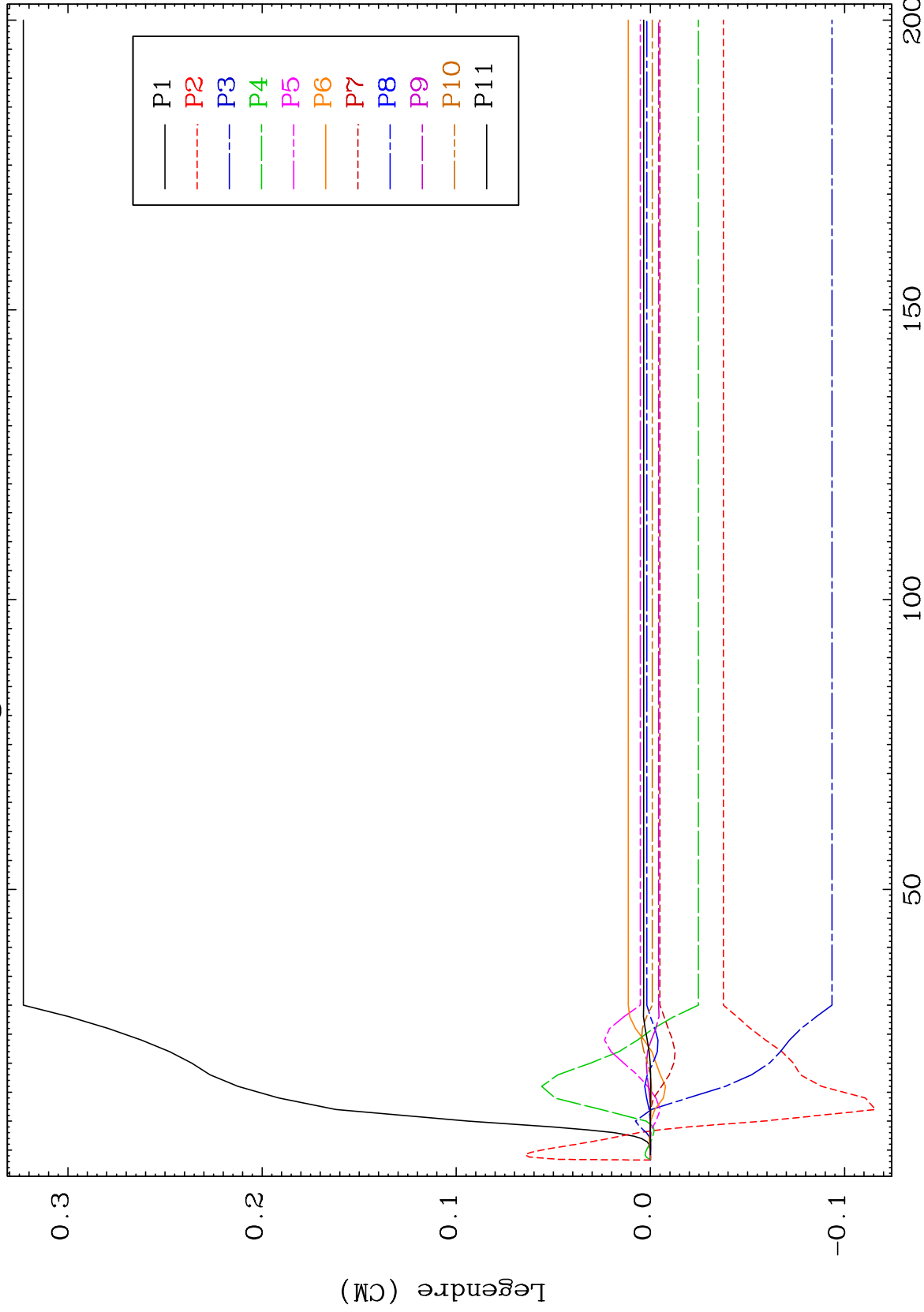
49-In-103



85

Incident Energy (MeV)

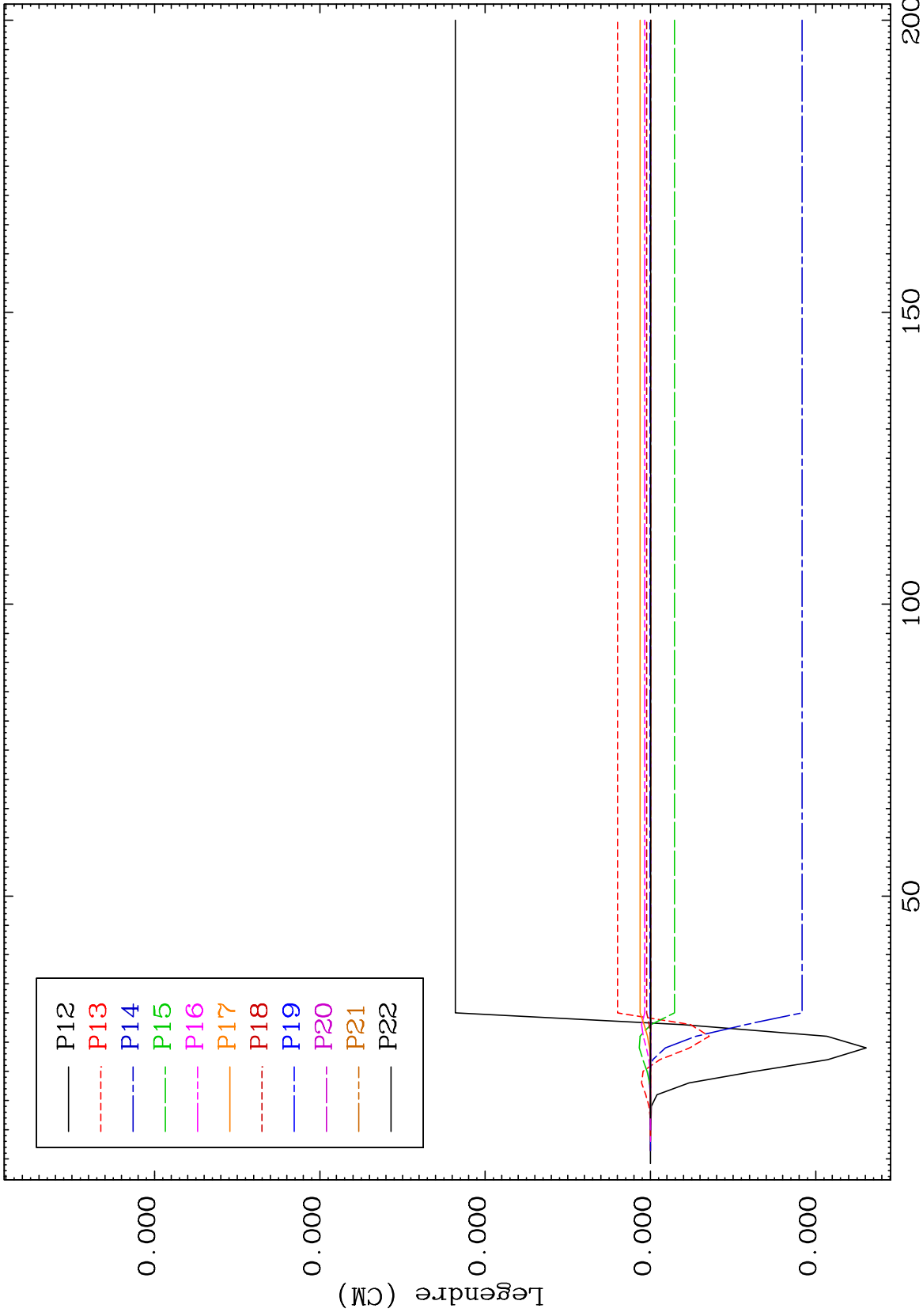
49-In-103



MAT 4895

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

49-In-103



87

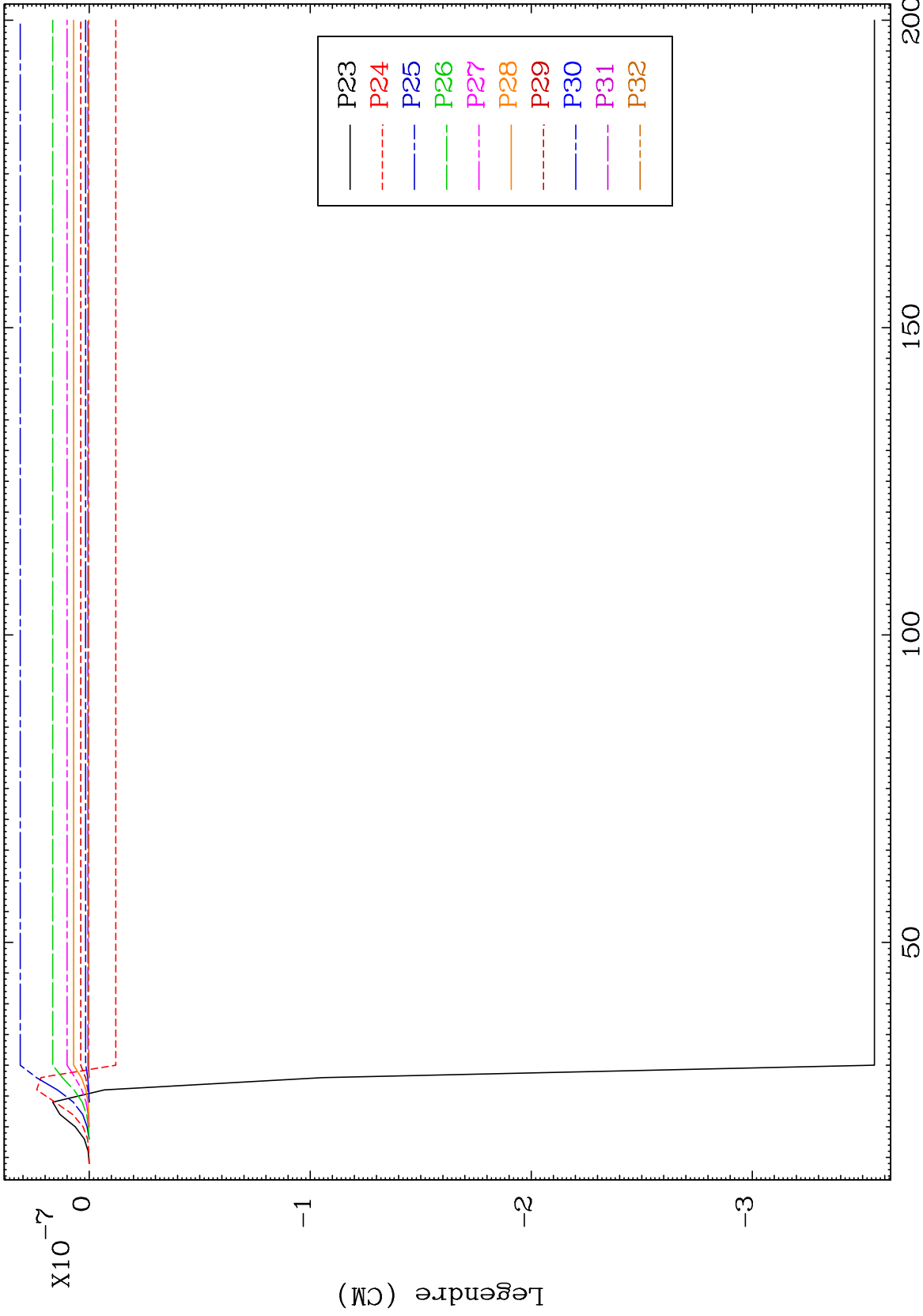
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



88

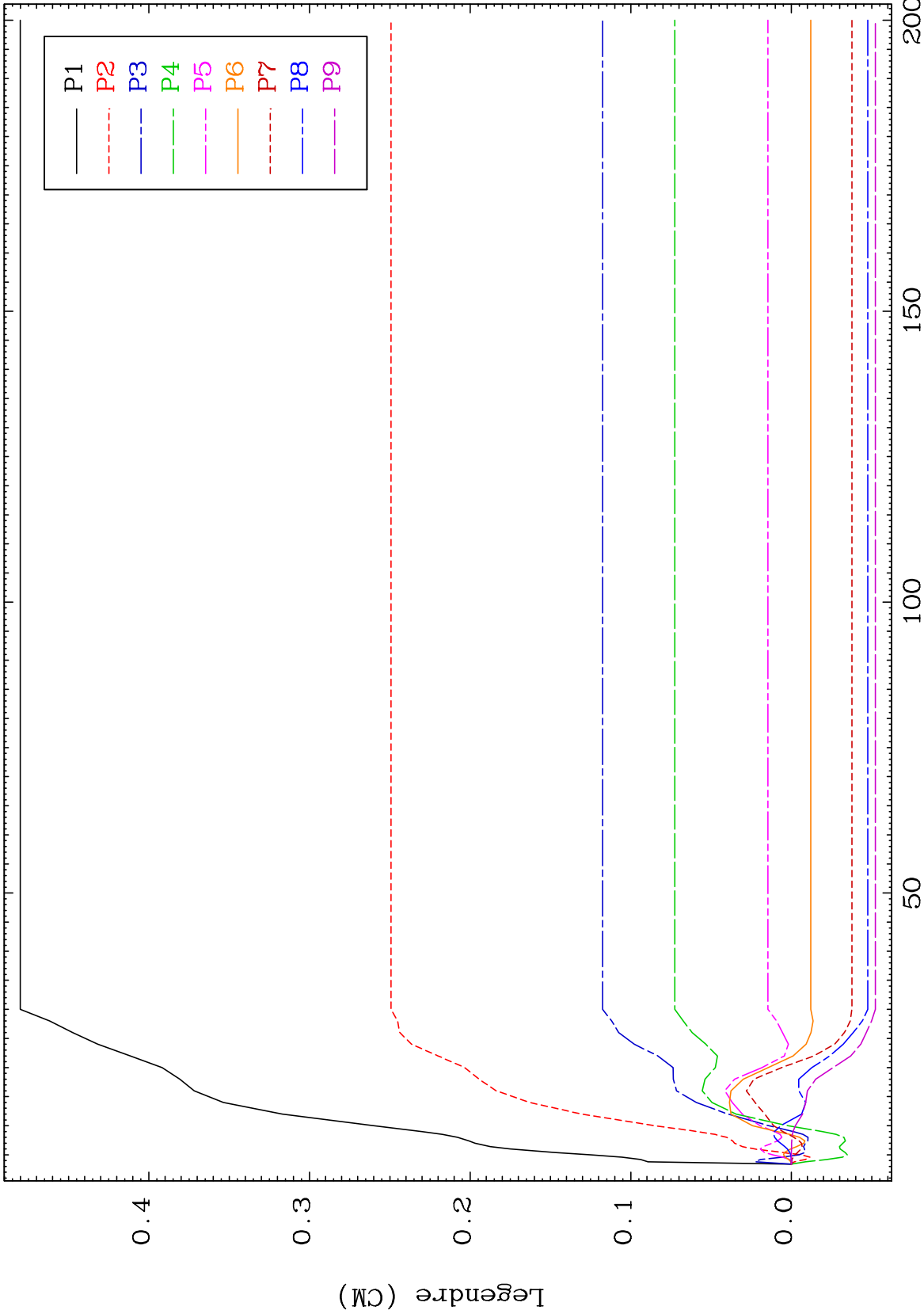
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



89

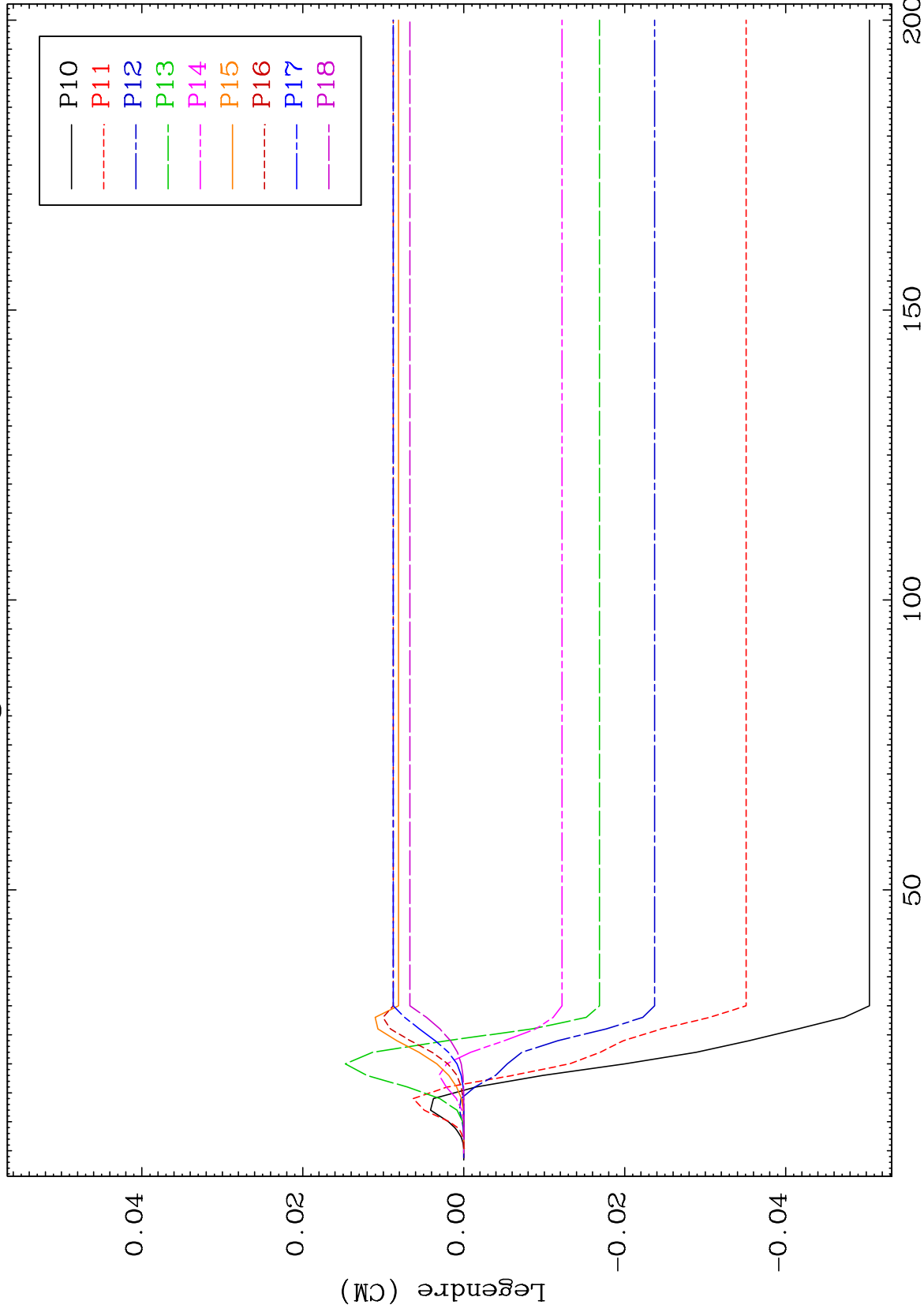
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



90

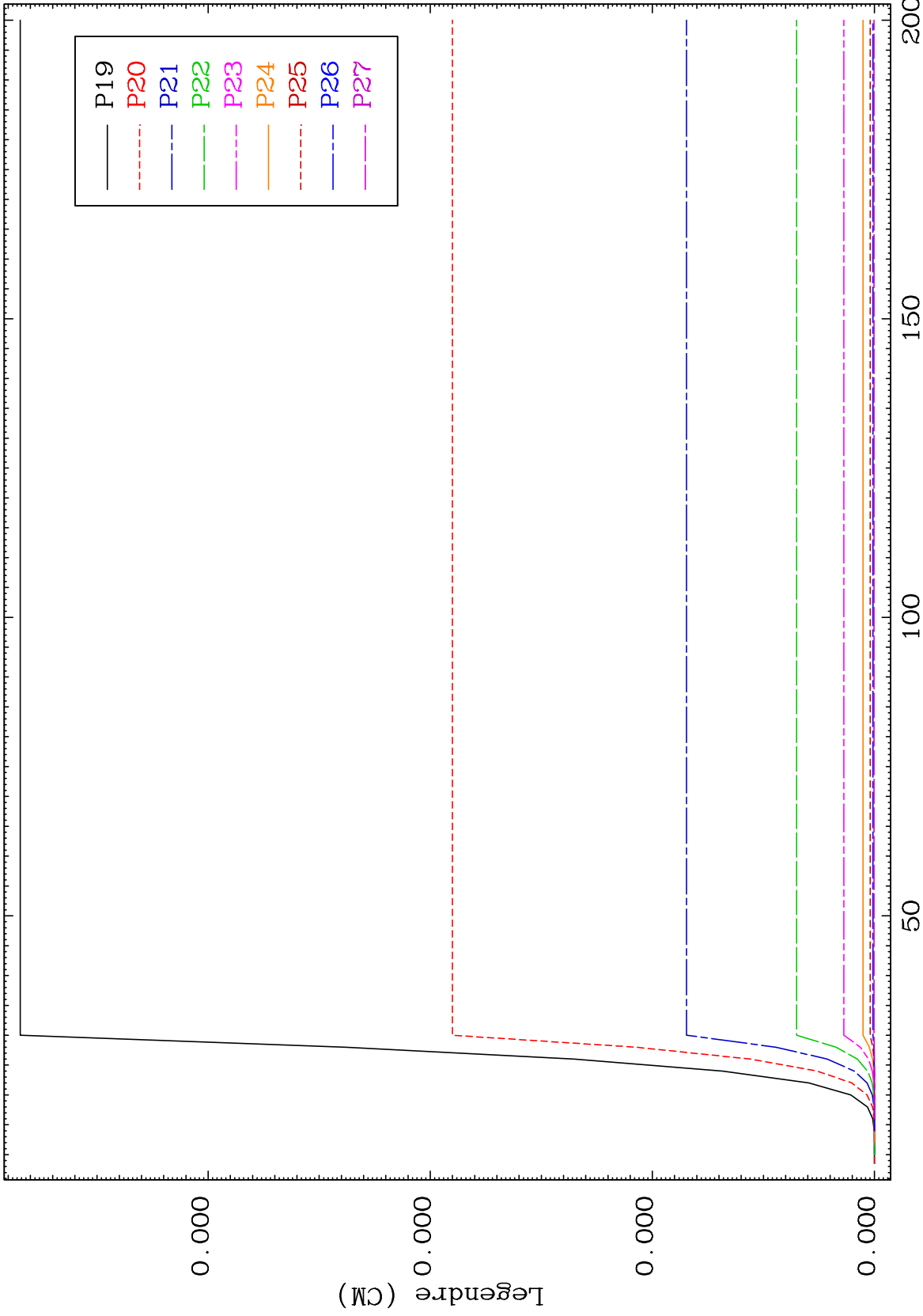
Incident Energy (MeV)

49-In-103

MAT 4895

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

49-In-103



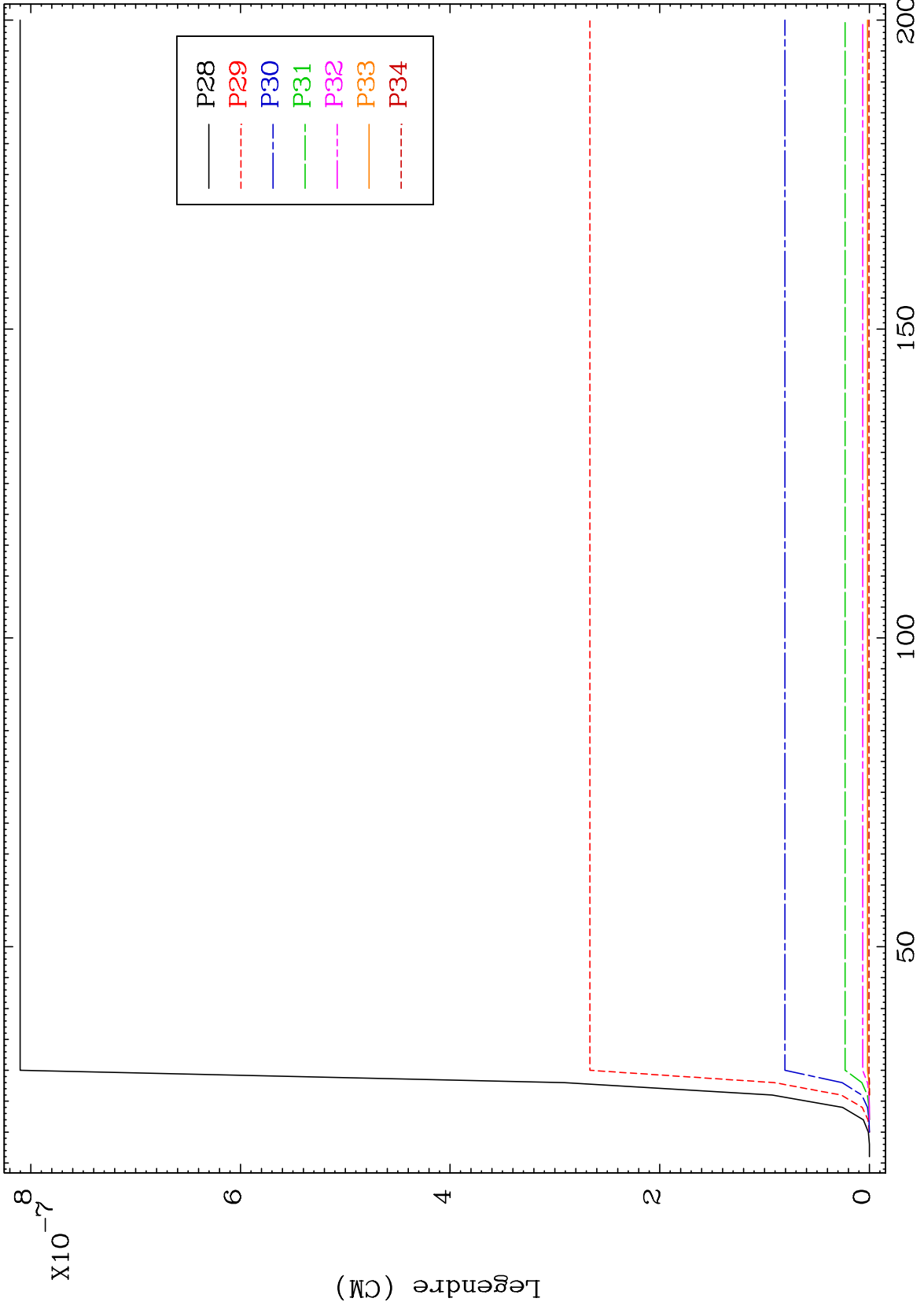
91

49-In-103

MAT 4895

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

49-In-103



92

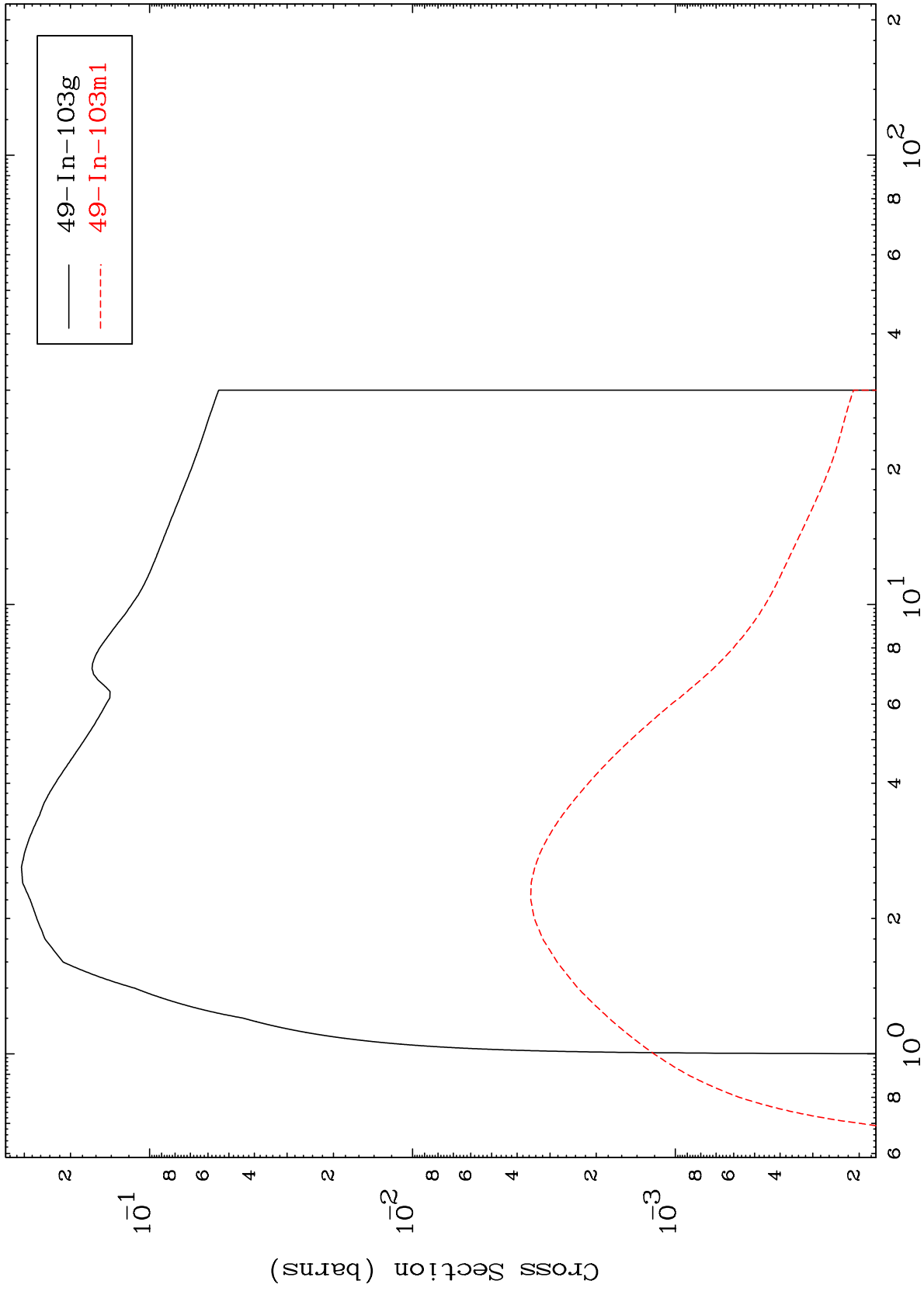
Incident Energy (MeV)

49-In-103

MAT 4895

49-In-103

Inelastic Radionuclide Production Cross Section



93

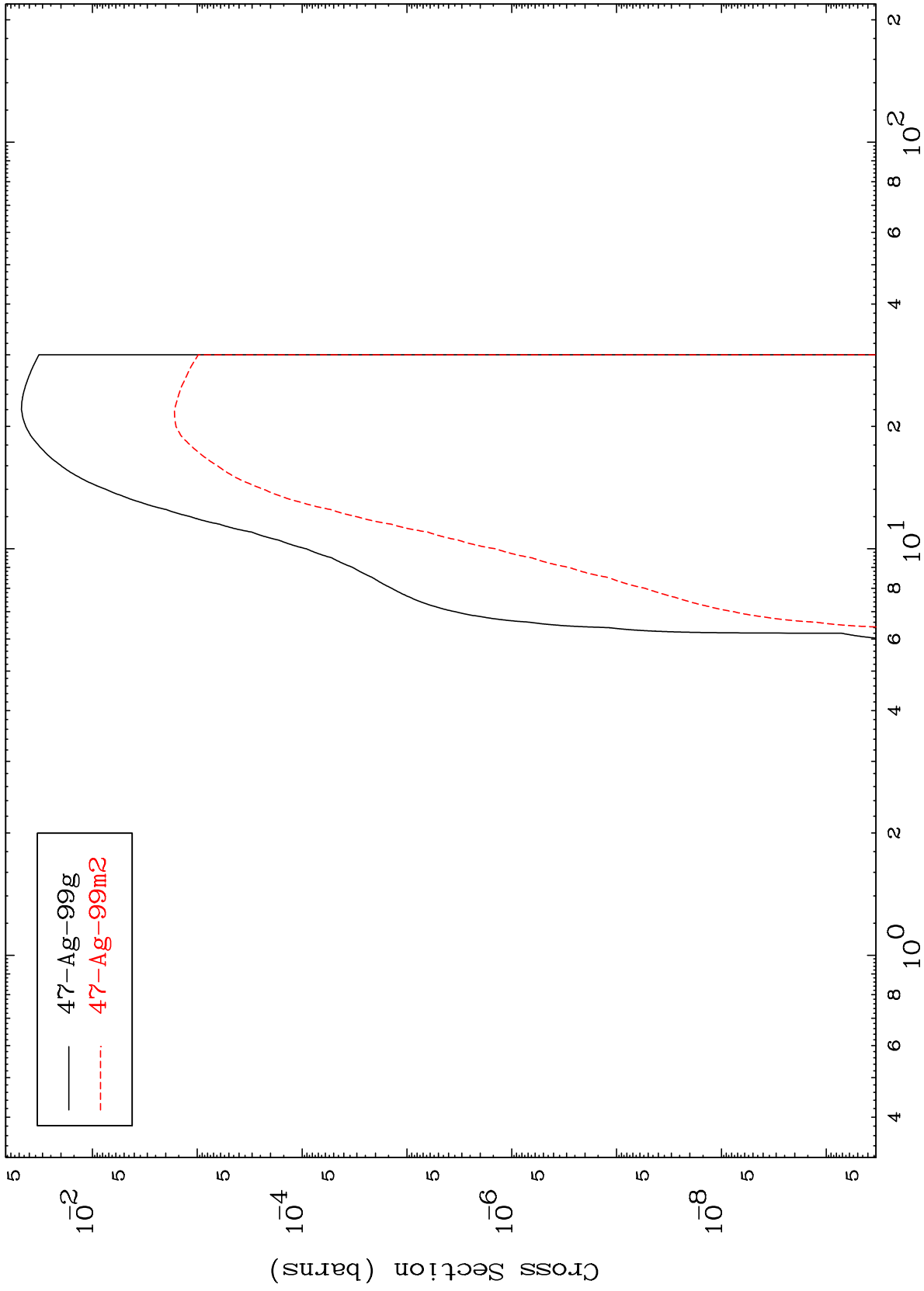
49-In-103

MAT 4895

(n,n') α

49-In-103

Radionuclide Production Cross Section



94

Incident Energy (MeV)

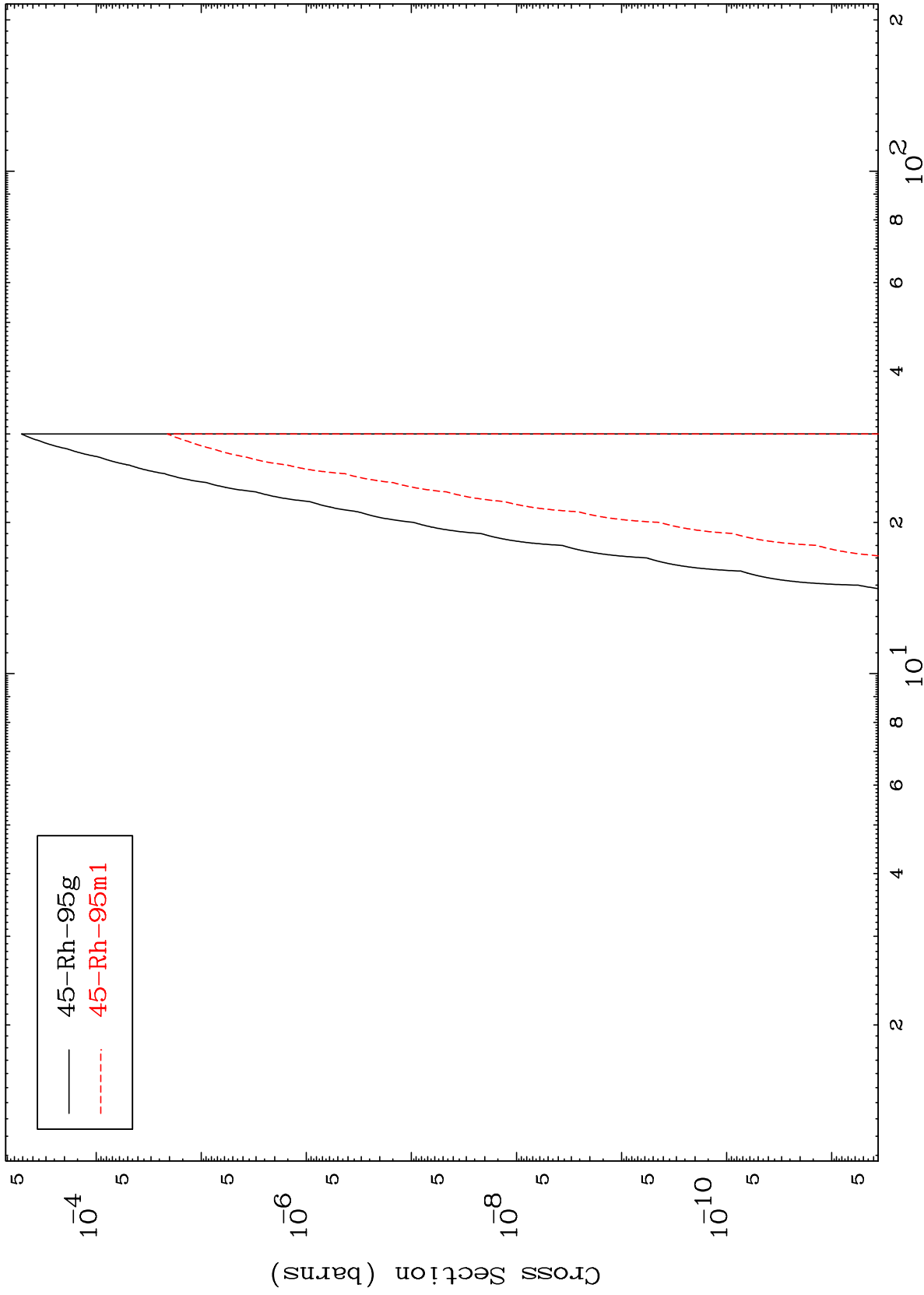
49-In-103

MAT 4895

(n,n') 2 α

49-In-103

Radionuclide Production Cross Section



95

Incident Energy (MeV)

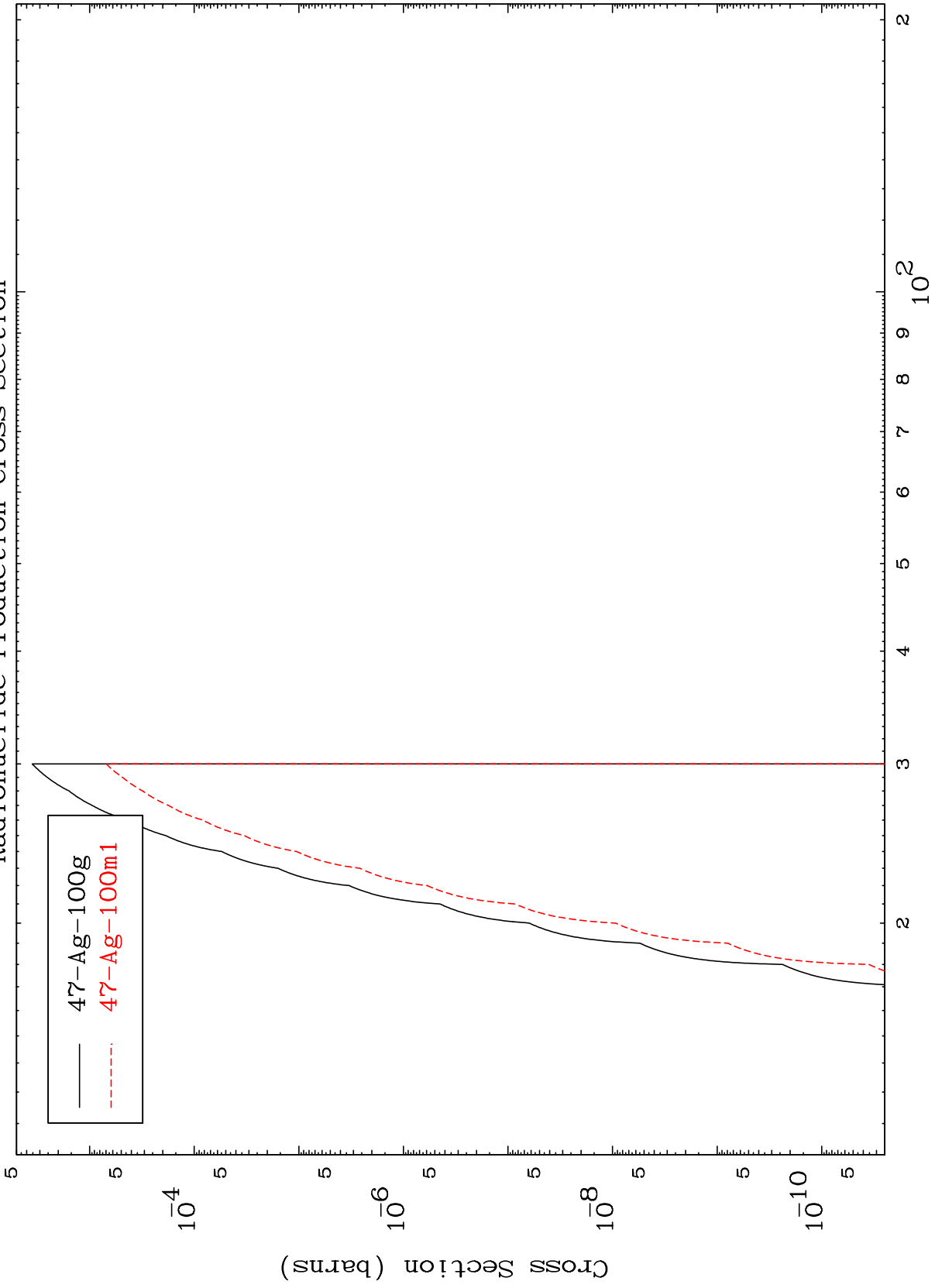
49-In-103

MAT 4895

(n, n') He-3

49-In-103

Radionuclide Production Cross Section



96

Incident Energy (MeV)

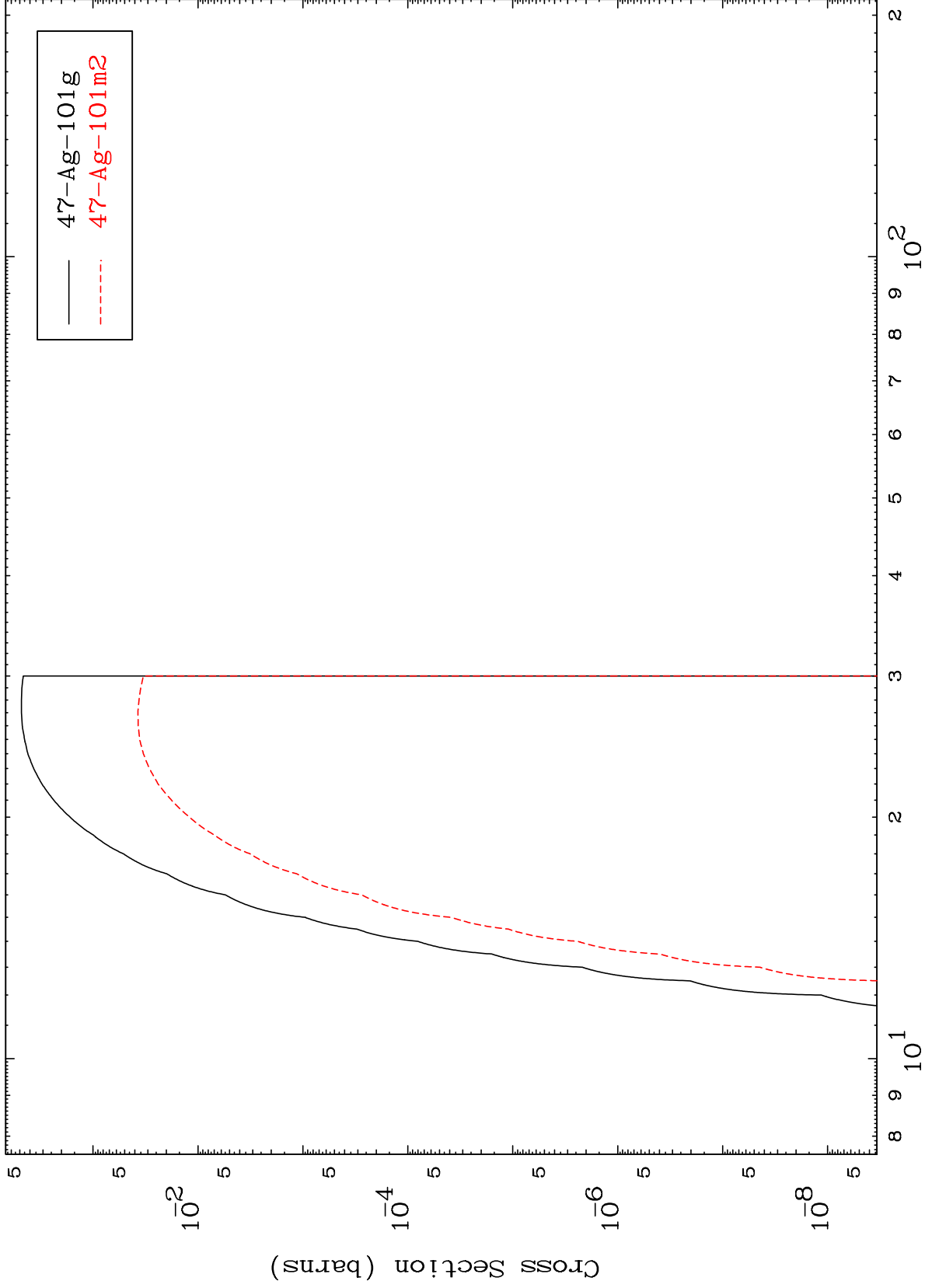
49-In-103

MAT 4895

(n,2n) p

49-In-103

Radionuclide Production Cross Section



97

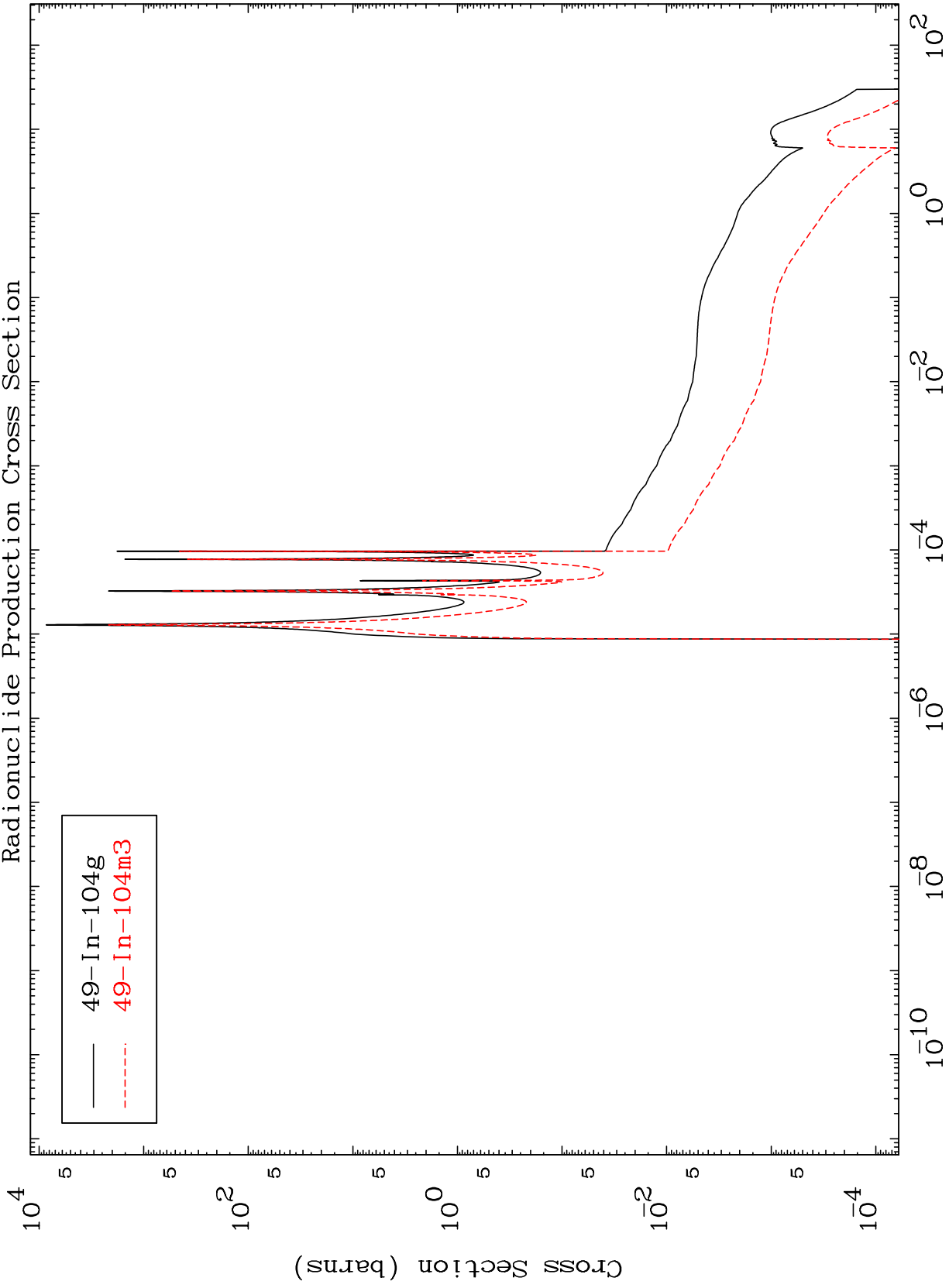
Incident Energy (MeV)

49-In-103

MAT 4895

49-In-103

Radionuclide Production Cross Section



98

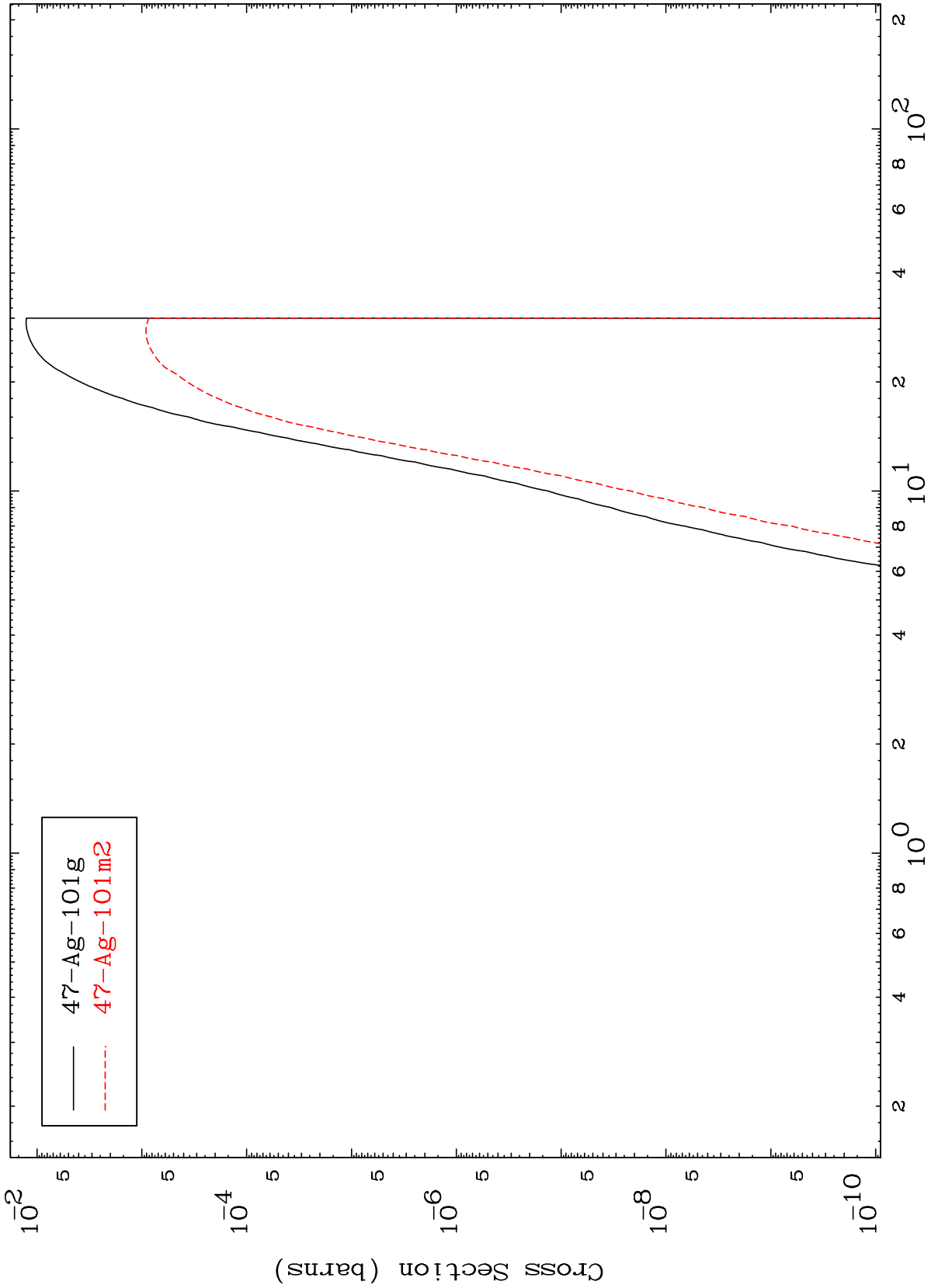
49-In-103

MAT 4895

(n, He-3)

49-In-103

Radionuclide Production Cross Section



99

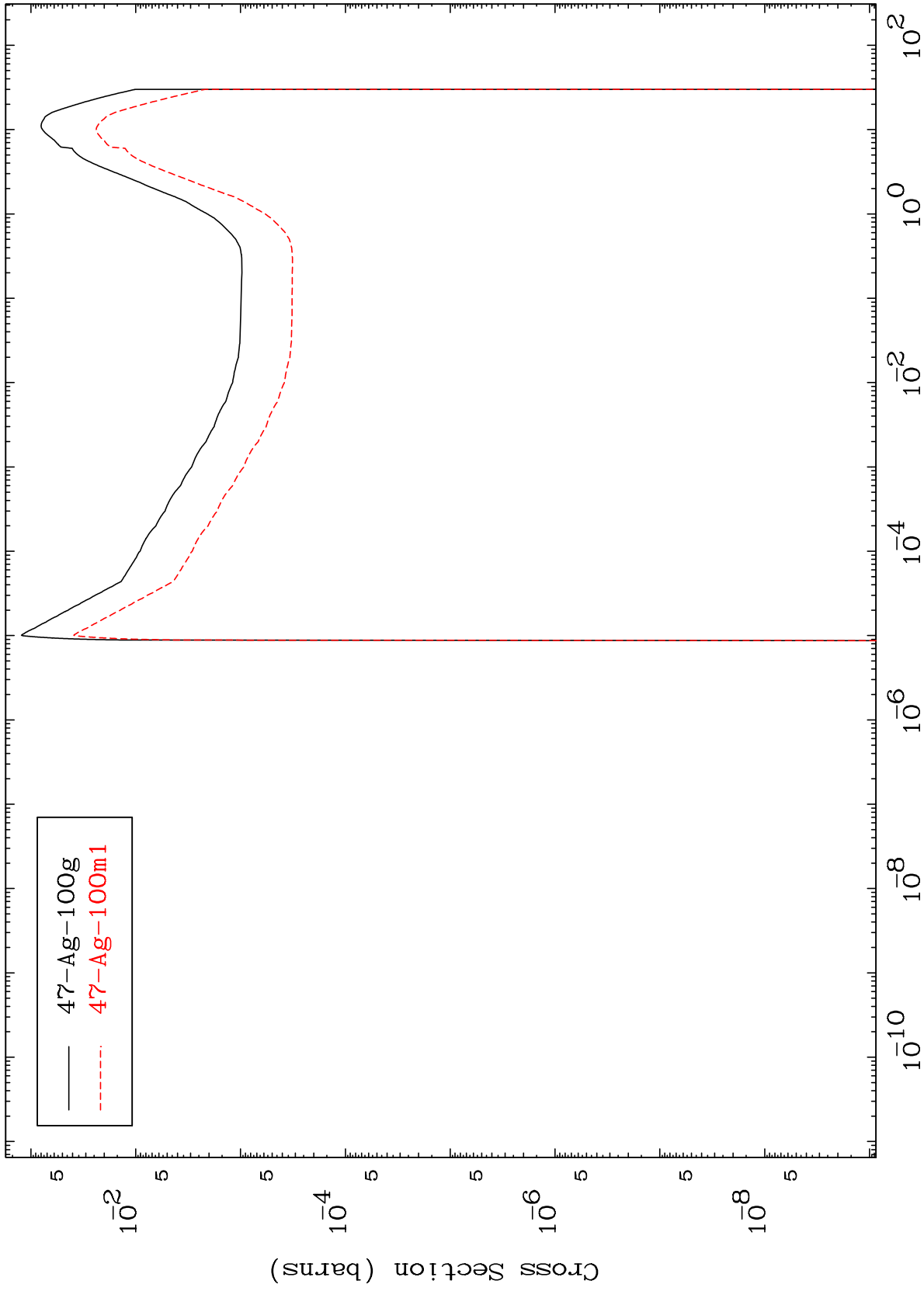
Incident Energy (MeV)

49-In-103

MAT 4895

49-In-103

Radionuclide Production Cross Section



— 47-Ag-100g
- - - 47-Ag-100ml

100

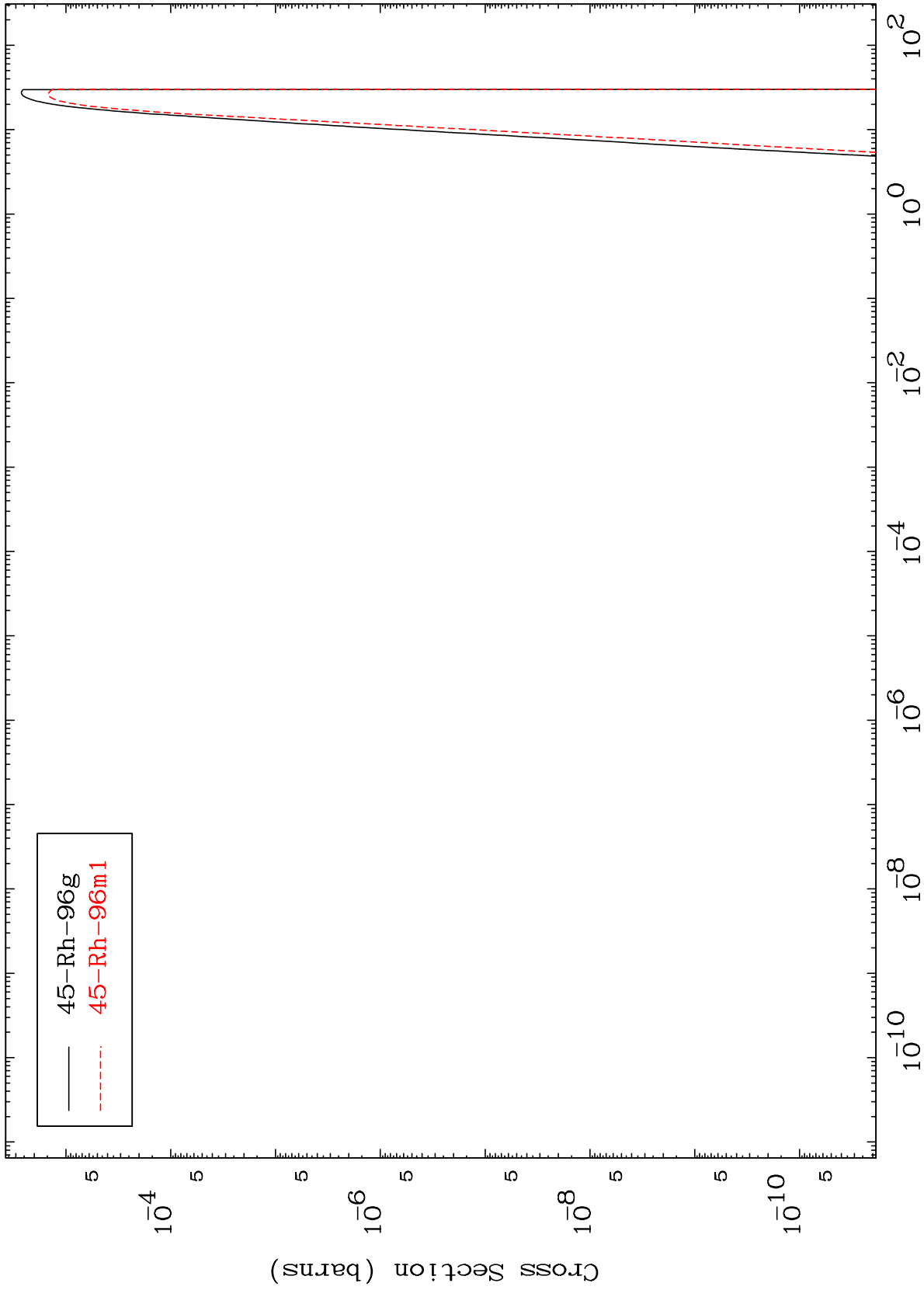
49-In-103

MAT 4895

(n,2α)

49-In-103

Radionuclide Production Cross Section



101

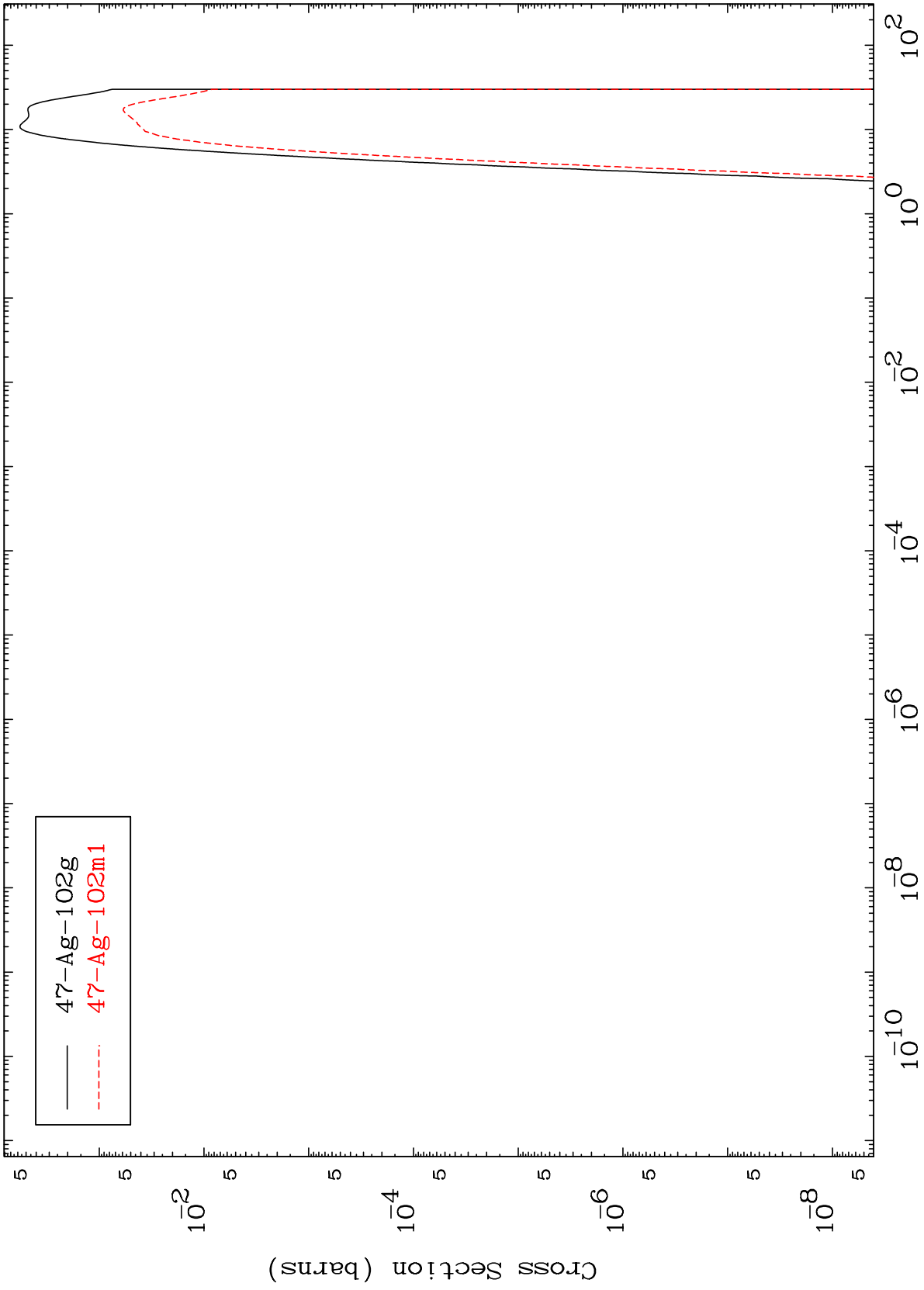
Incident Energy (MeV)

49-In-103

MAT 4895

(n,2p)
Radionuclide Production Cross Section

49-In-103



102

Incident Energy (MeV)

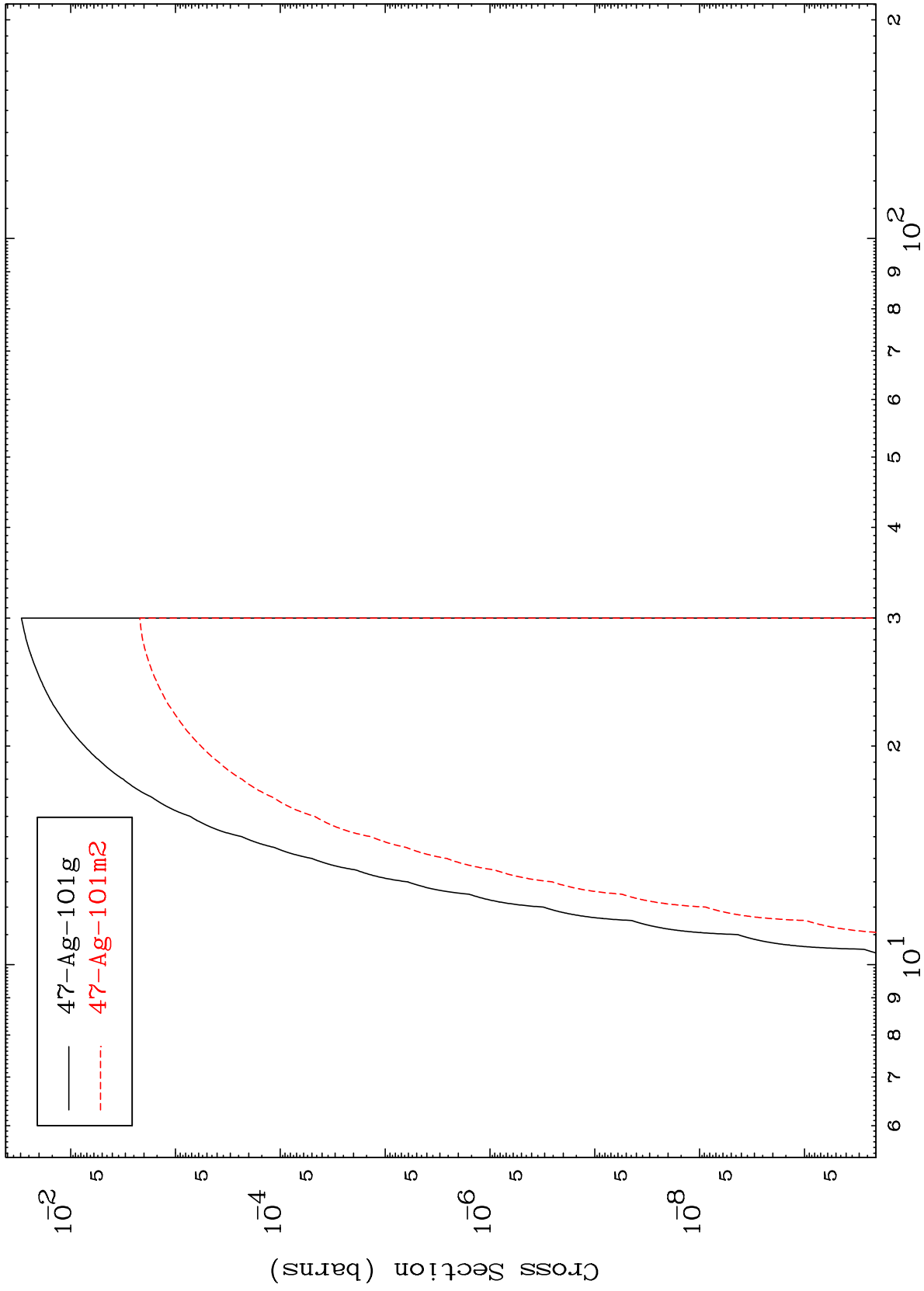
49-In-103

MAT 4895

(n,p) d

49-In-103

Radionuclide Production Cross Section



103

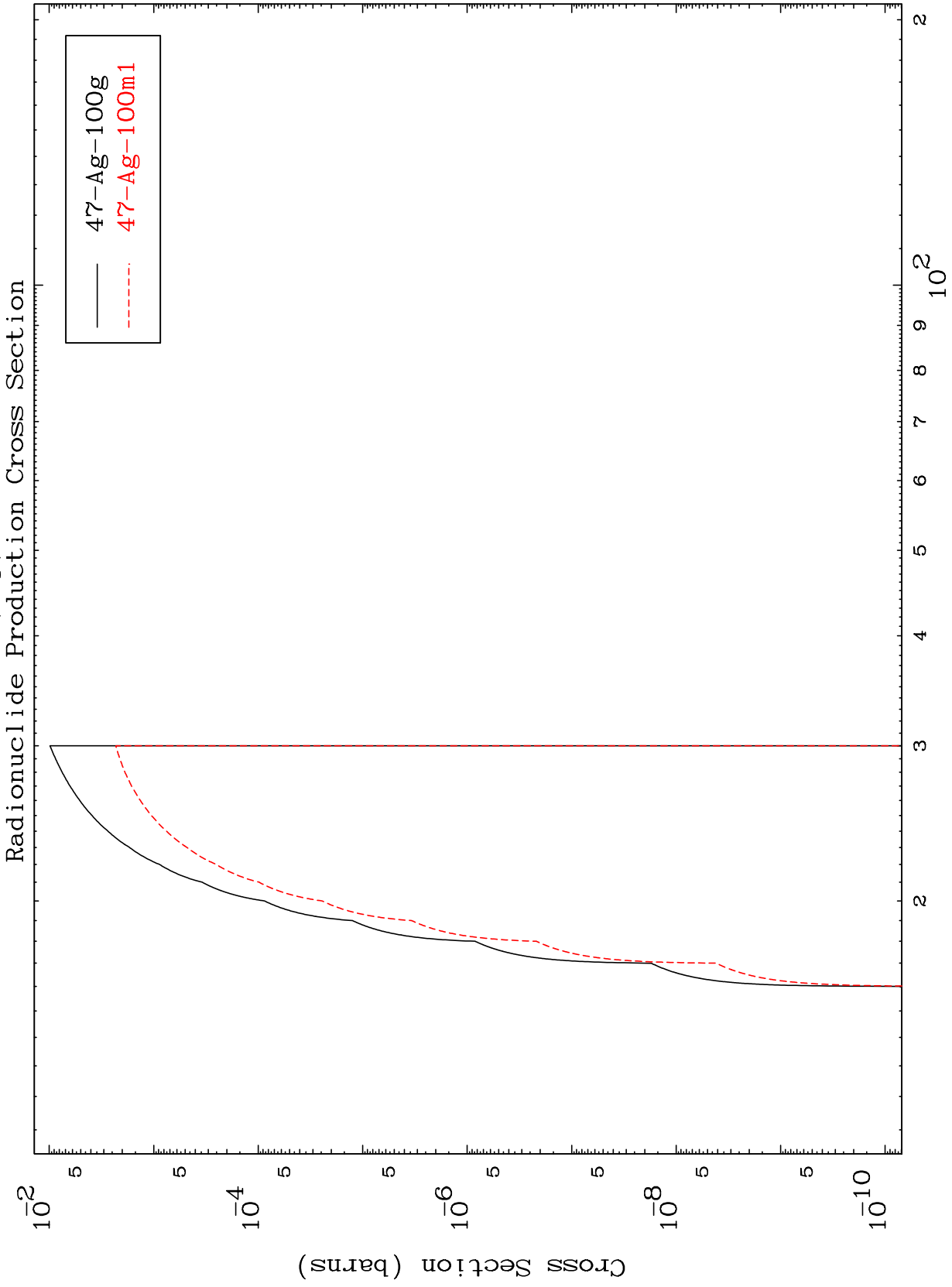
Incident Energy (MeV)

49-In-103

MAT 4895

(n,p) t

49-In-103



104

Incident Energy (MeV)

49-In-103