

Program EVALPLOT
(Version 2018-1)

by

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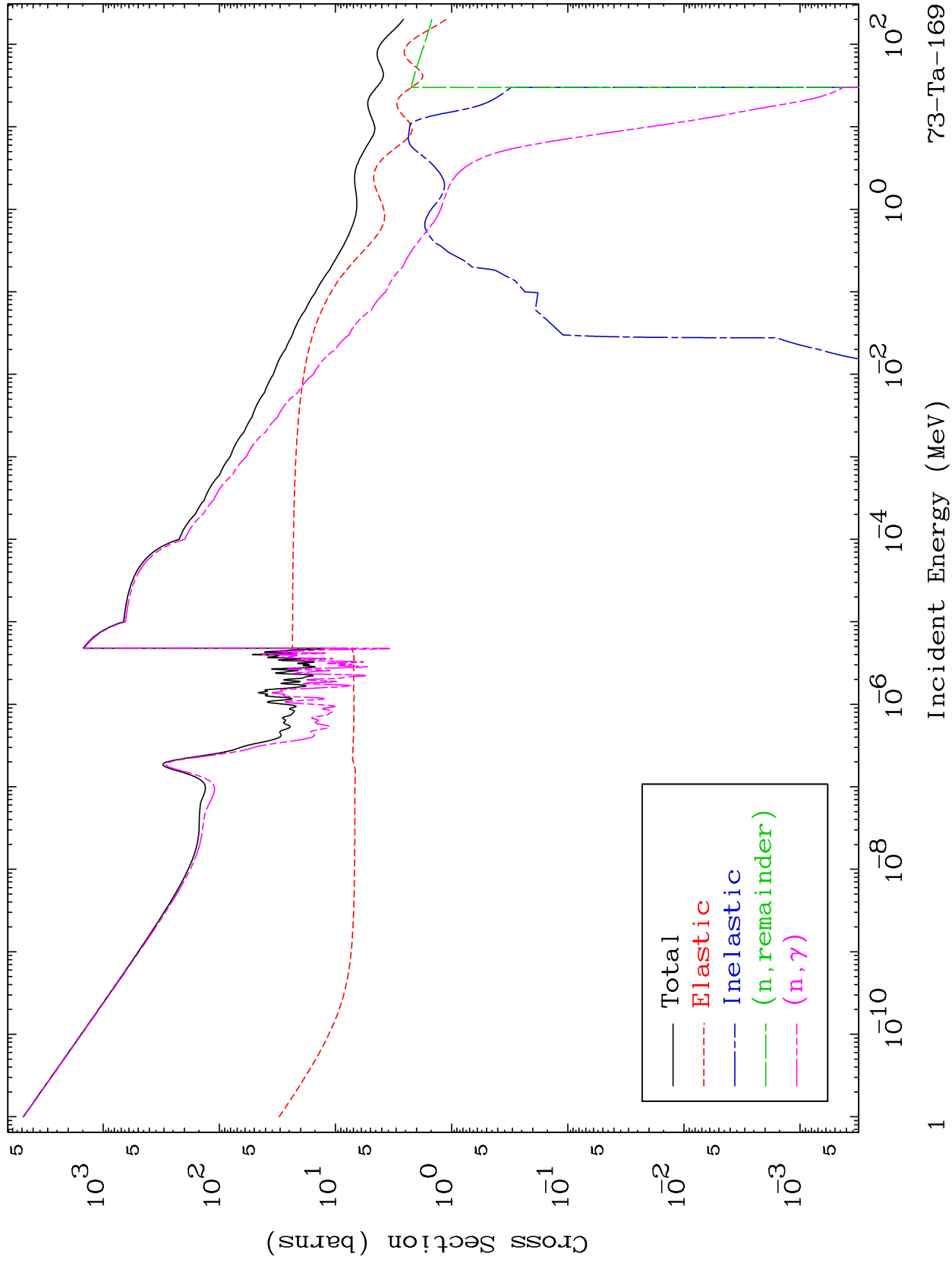
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7292

Major
293 Kelvin Cross Sections

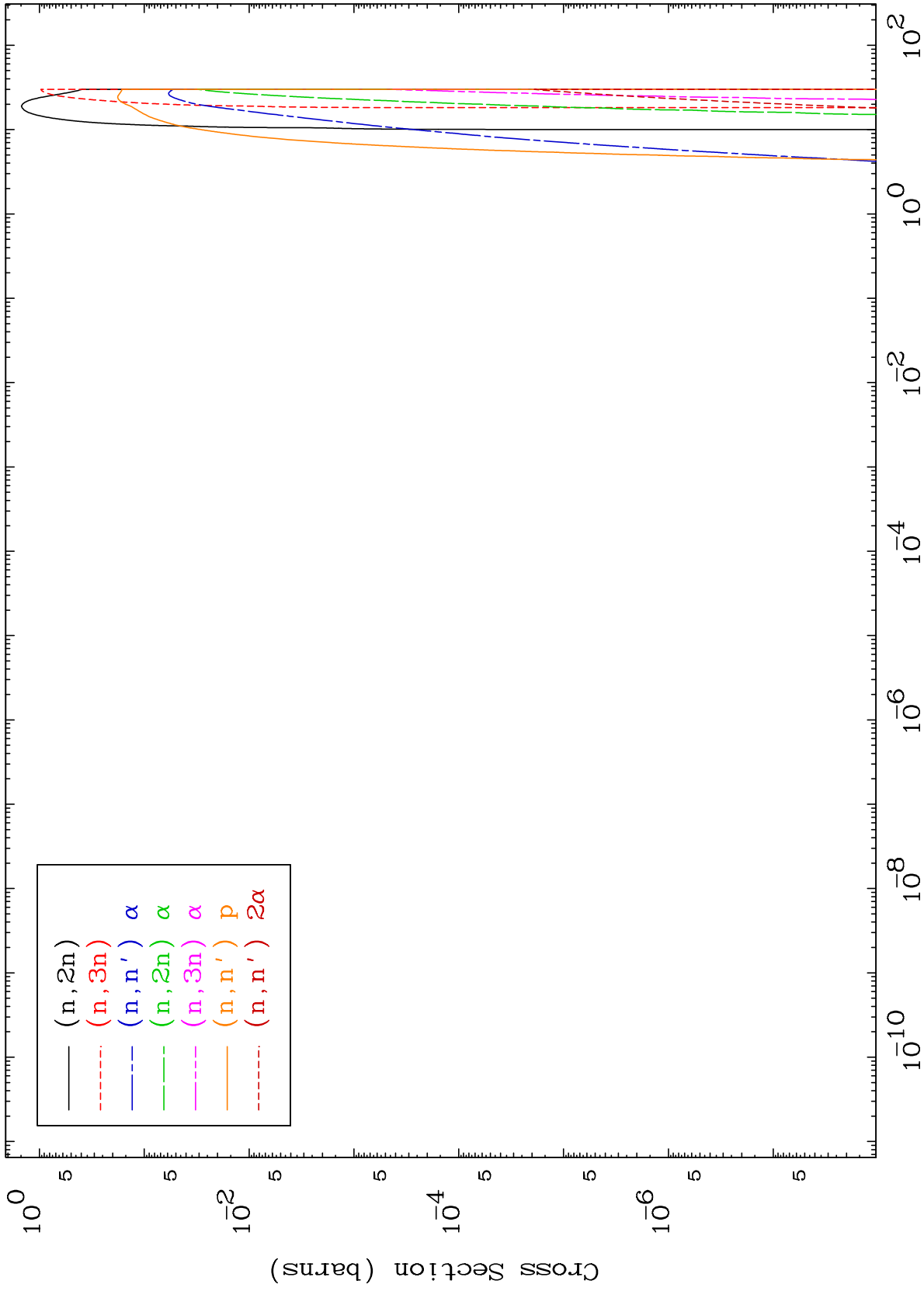
73-Ta-169



MAT 7292

Neutron Production
293 Kelvin Cross Sections

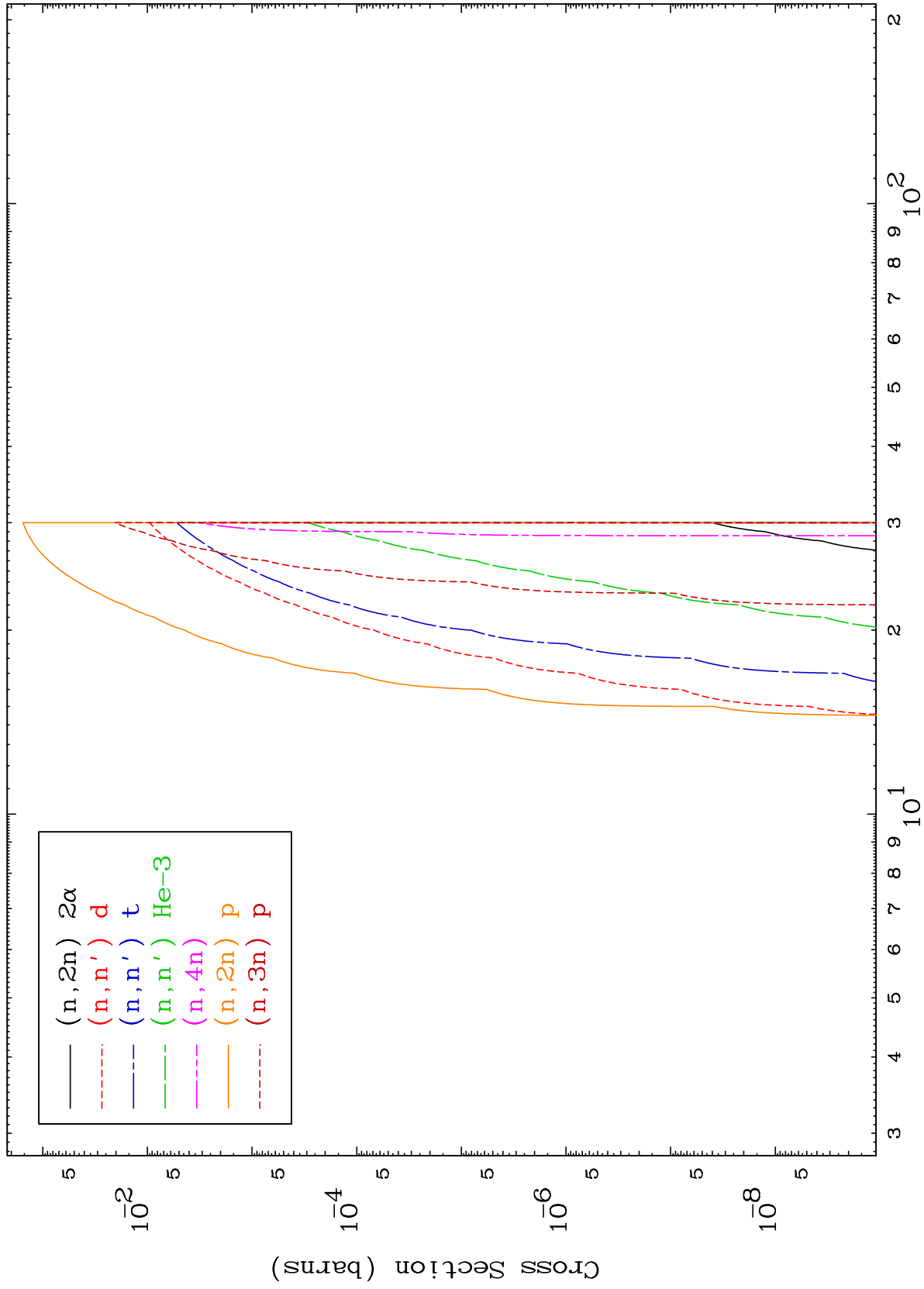
73-Ta-169

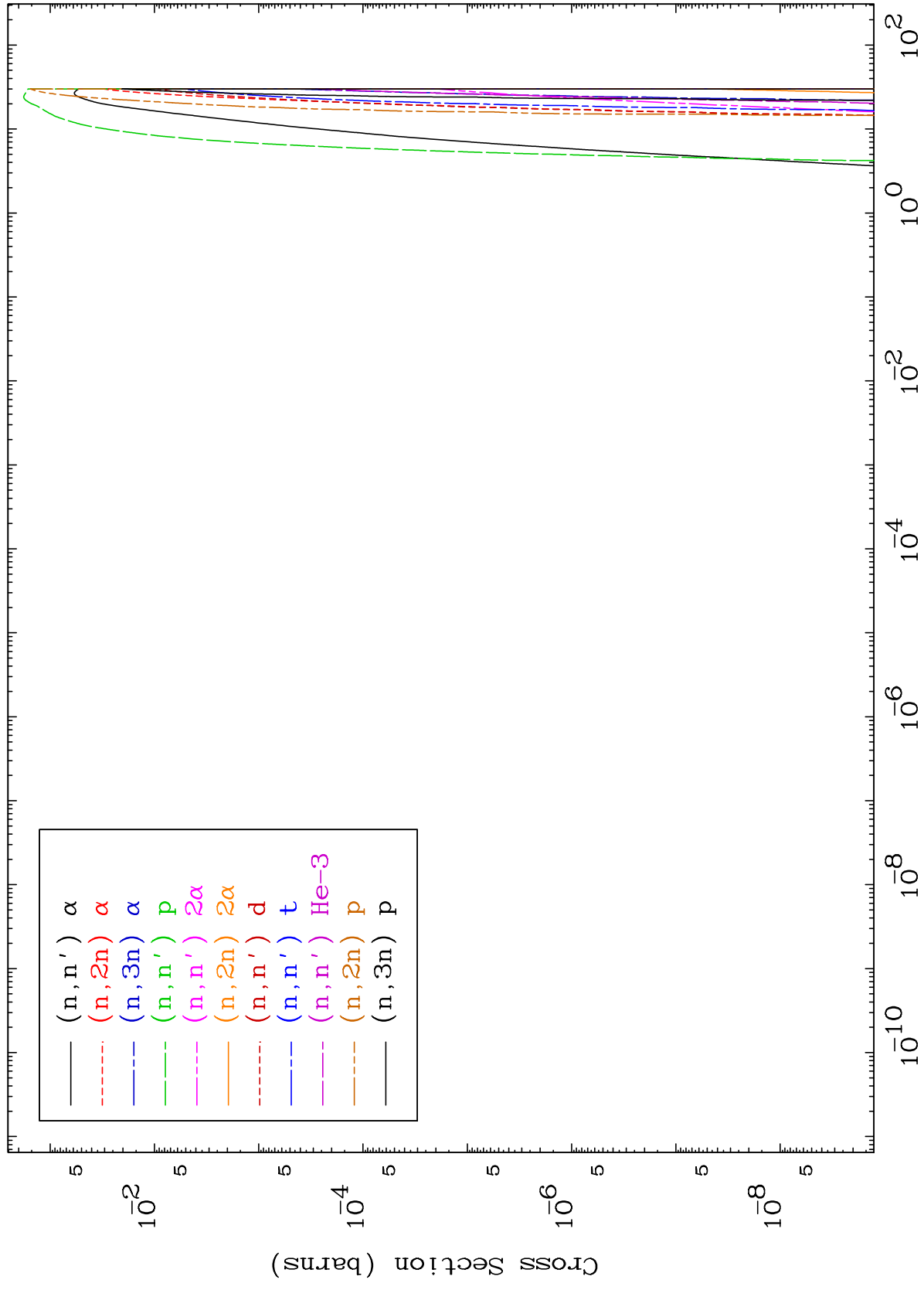


2

Incident Energy (MeV)

73-Ta-169

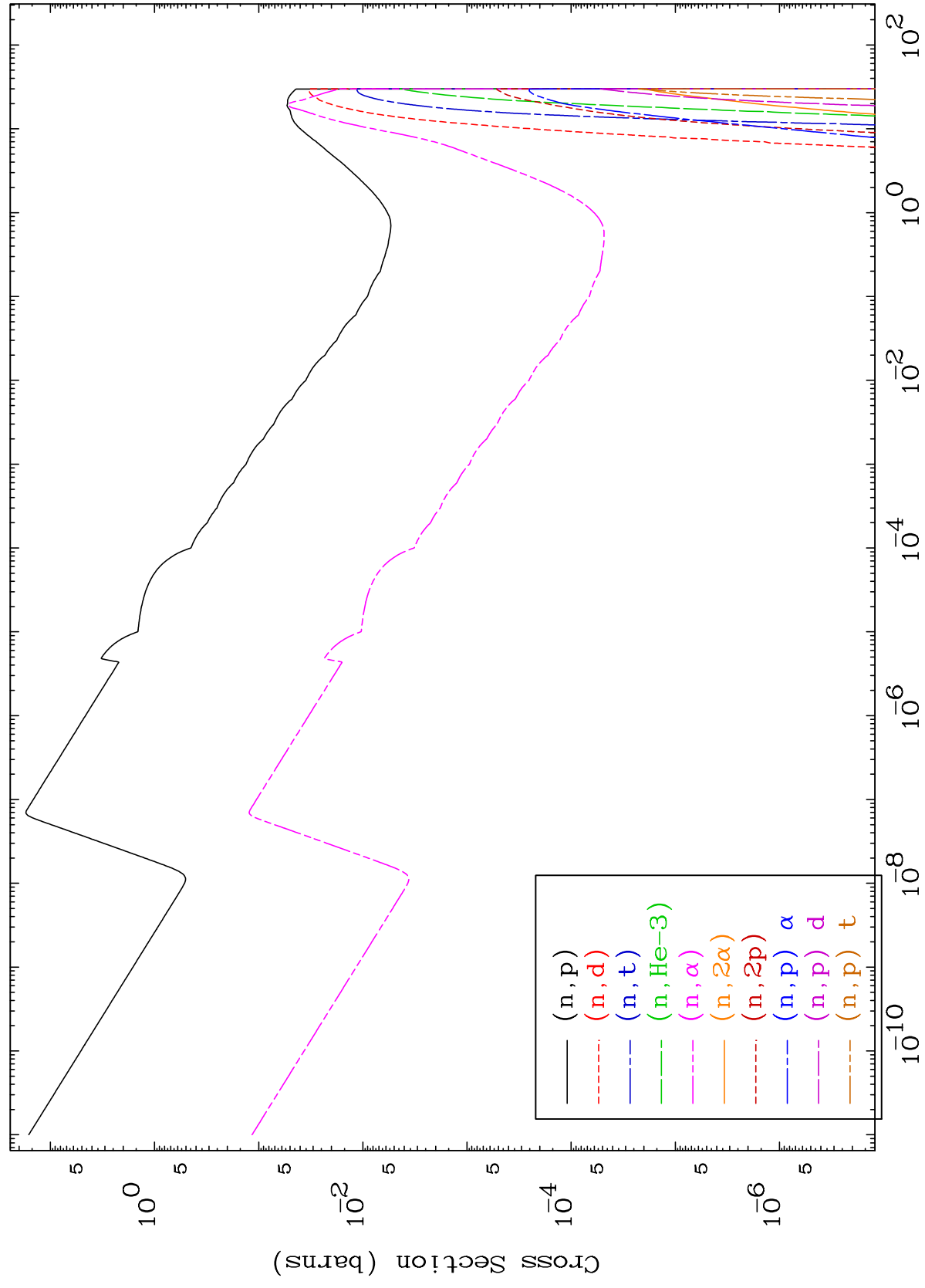




MAT 7292

293 Kelvin Cross Sections

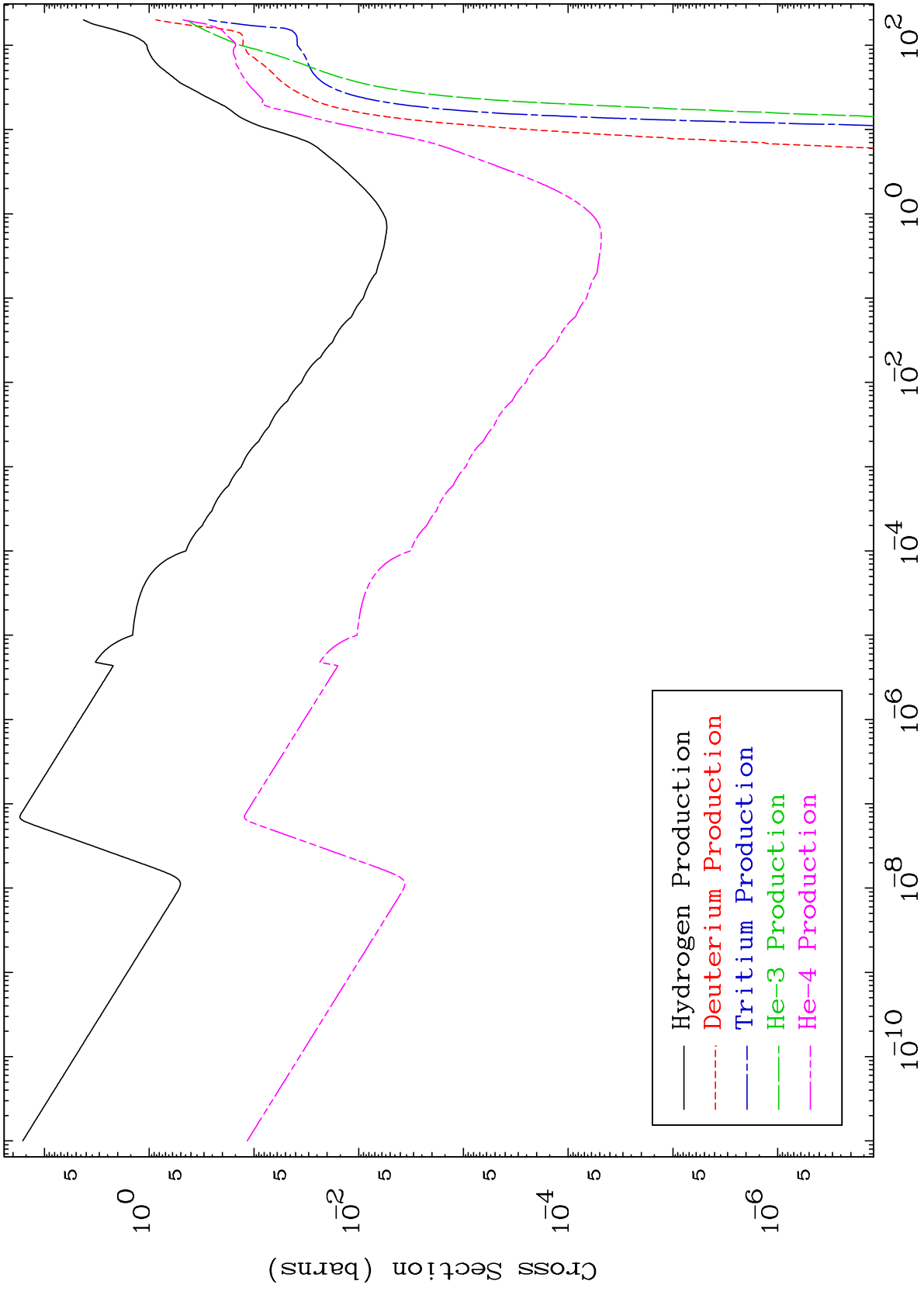
73-Ta-169



MAT 7292

Particle Production
293 Kelvin Cross Sections

73-Ta-169

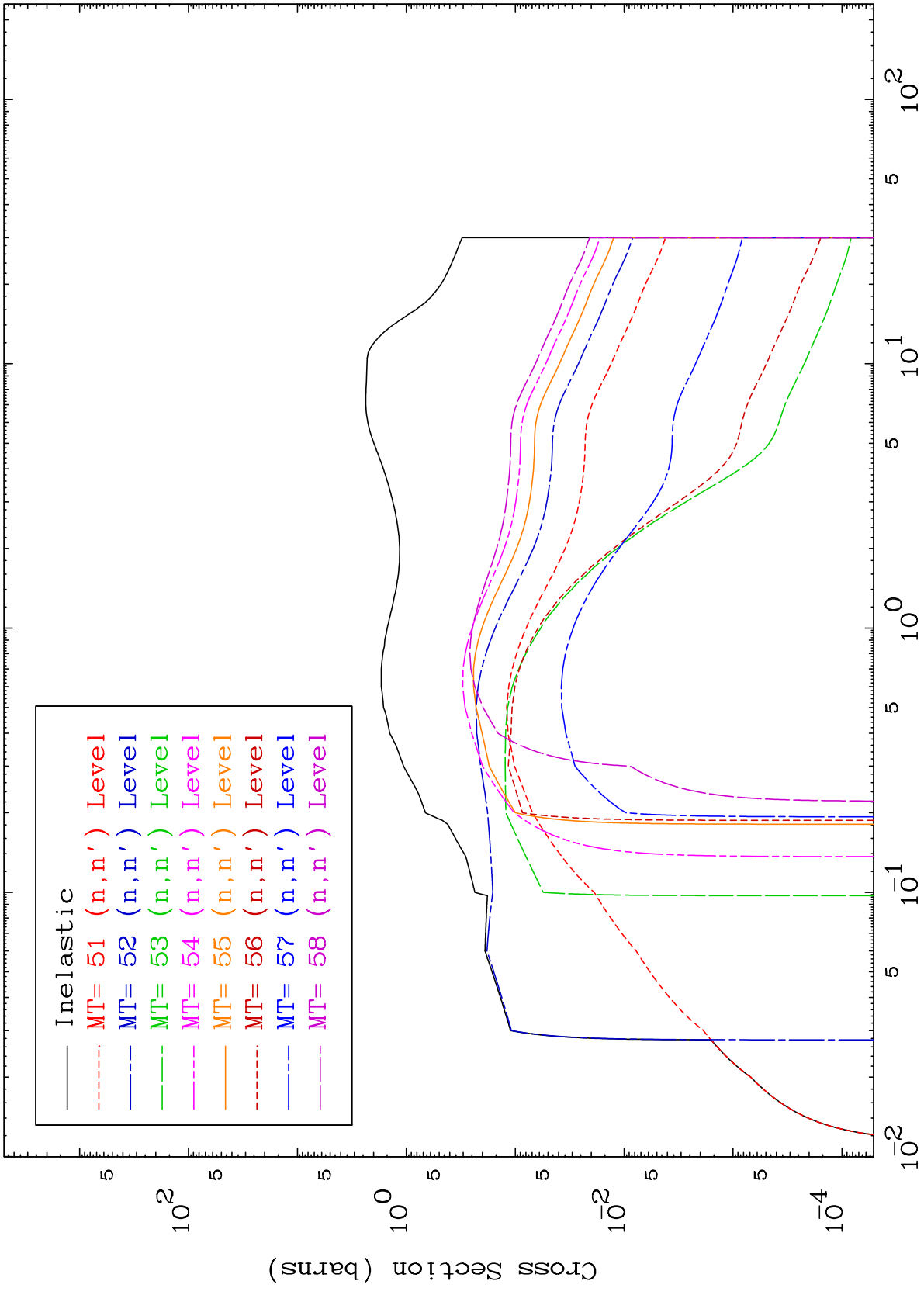


73-Ta-169

MAT 7292

(n,n') Level
293 Kelvin Cross Sections

73-Ta-169



7

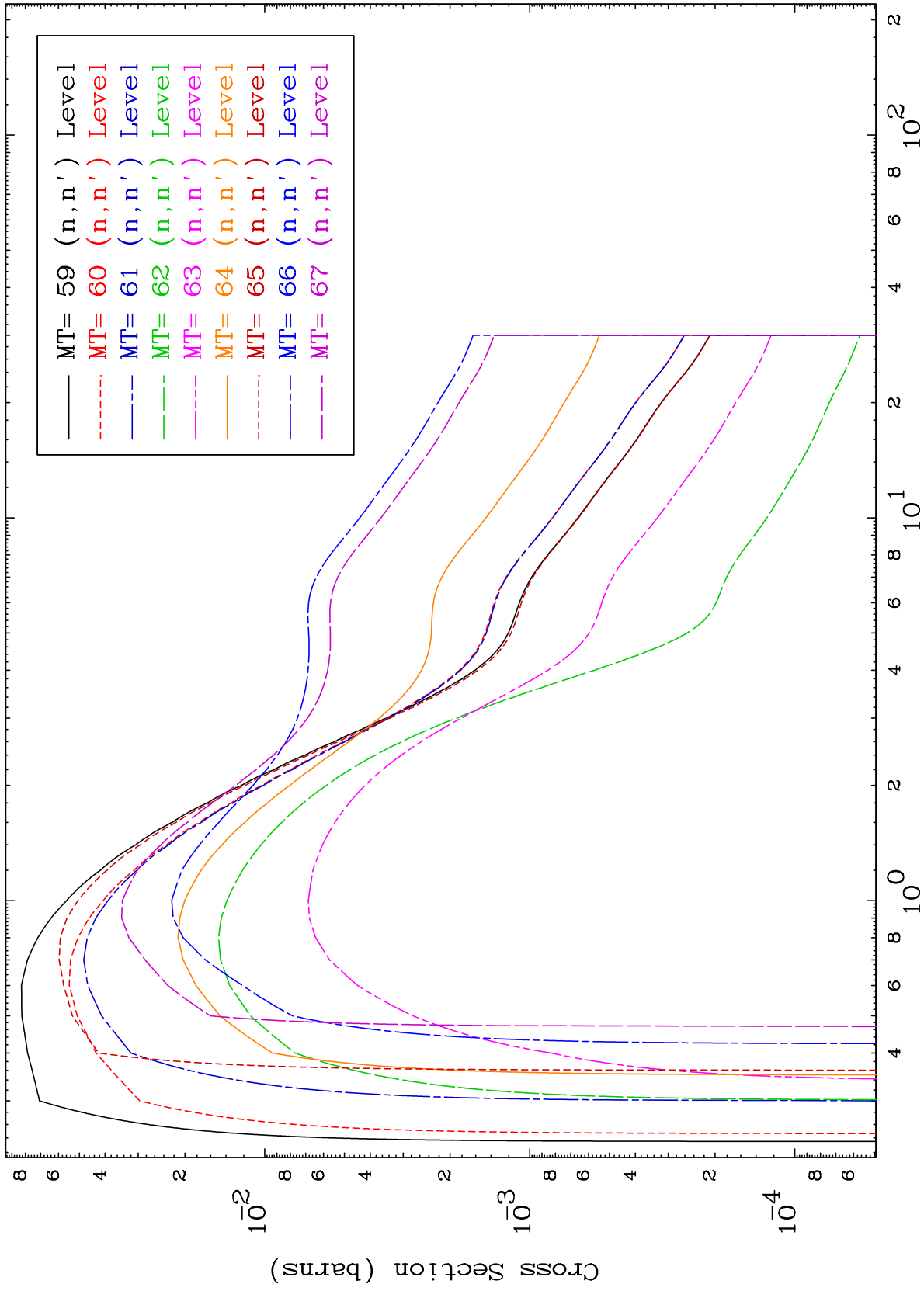
Incident Energy (MeV)

73-Ta-169

MAT 7292

(n,n') Level
293 Kelvin Cross Sections

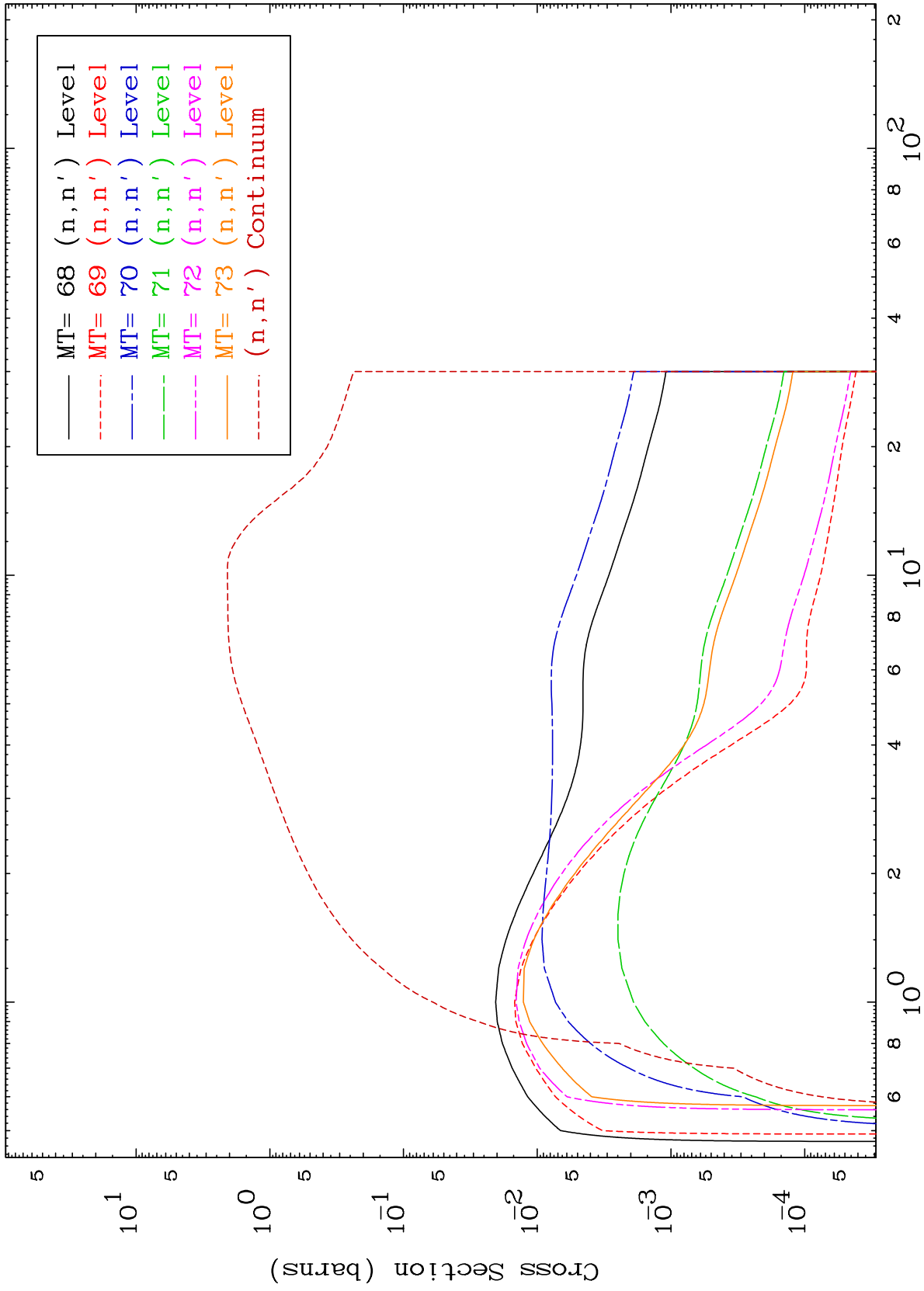
73-Ta-169



8

Incident Energy (MeV)

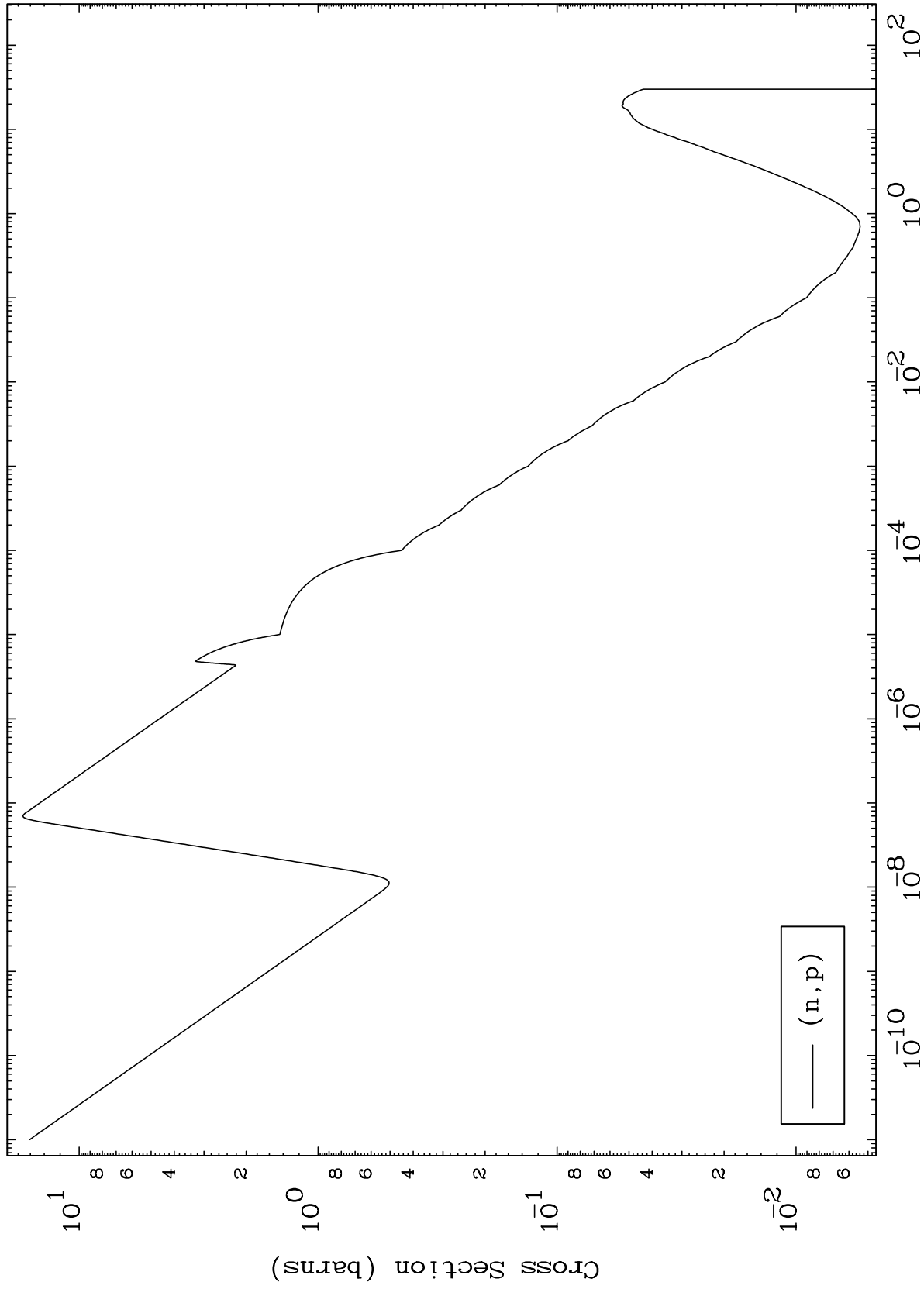
73-Ta-169



MAT 7292

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-169



10

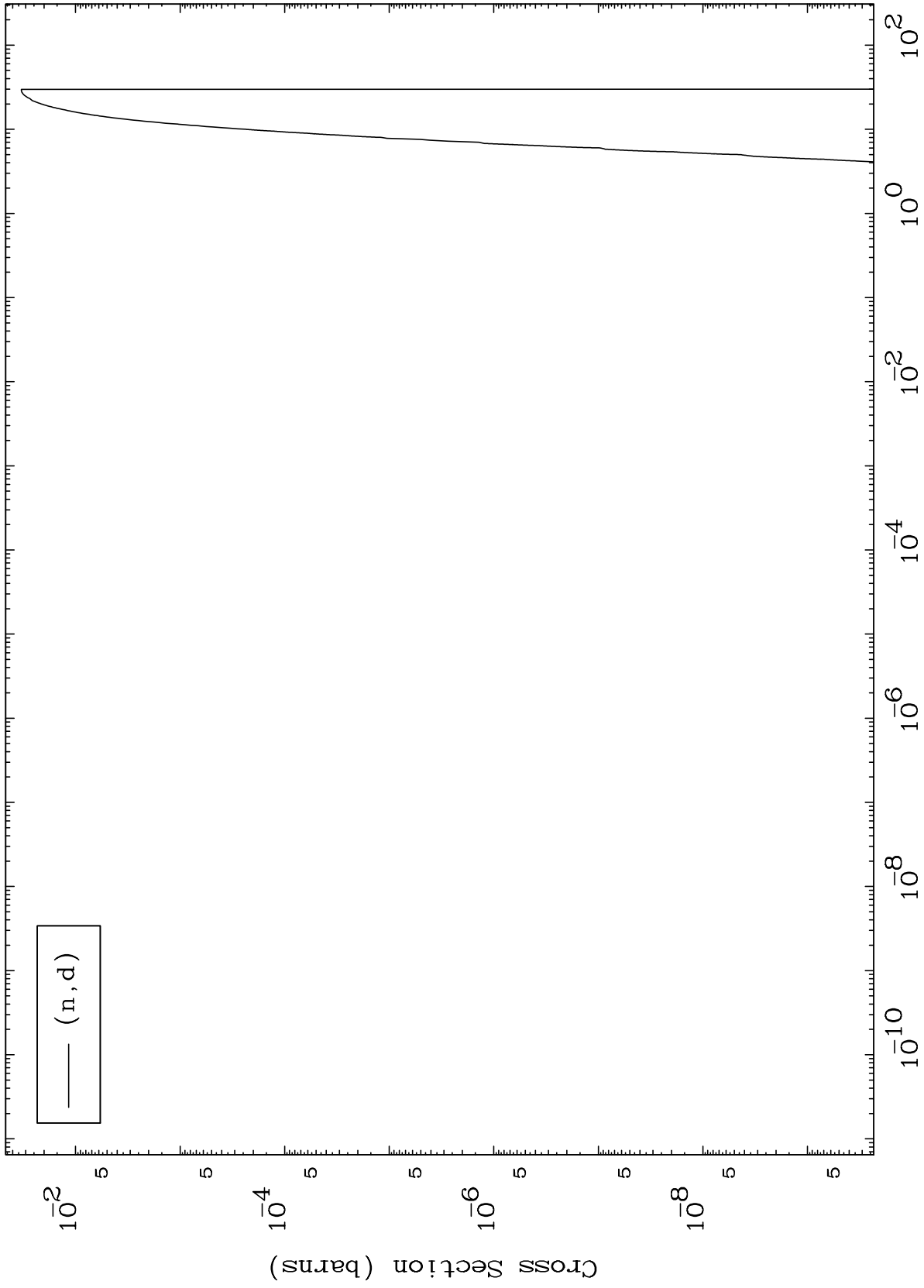
Incident Energy (MeV)

73-Ta-169

MAT 7292

(n,d) Levels
293 Kelvin Cross Sections

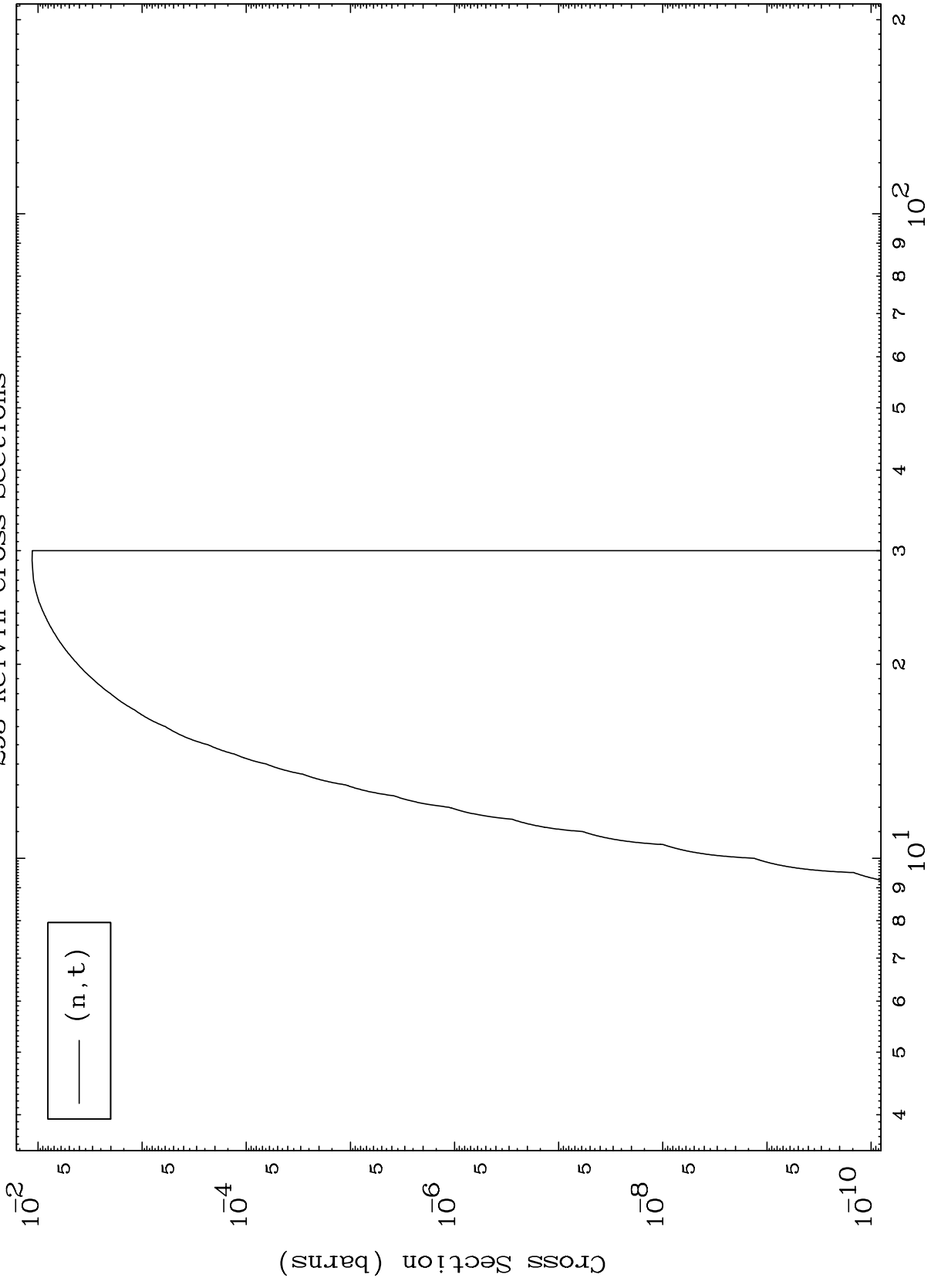
73-Ta-169



MAT 7292

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-169



12

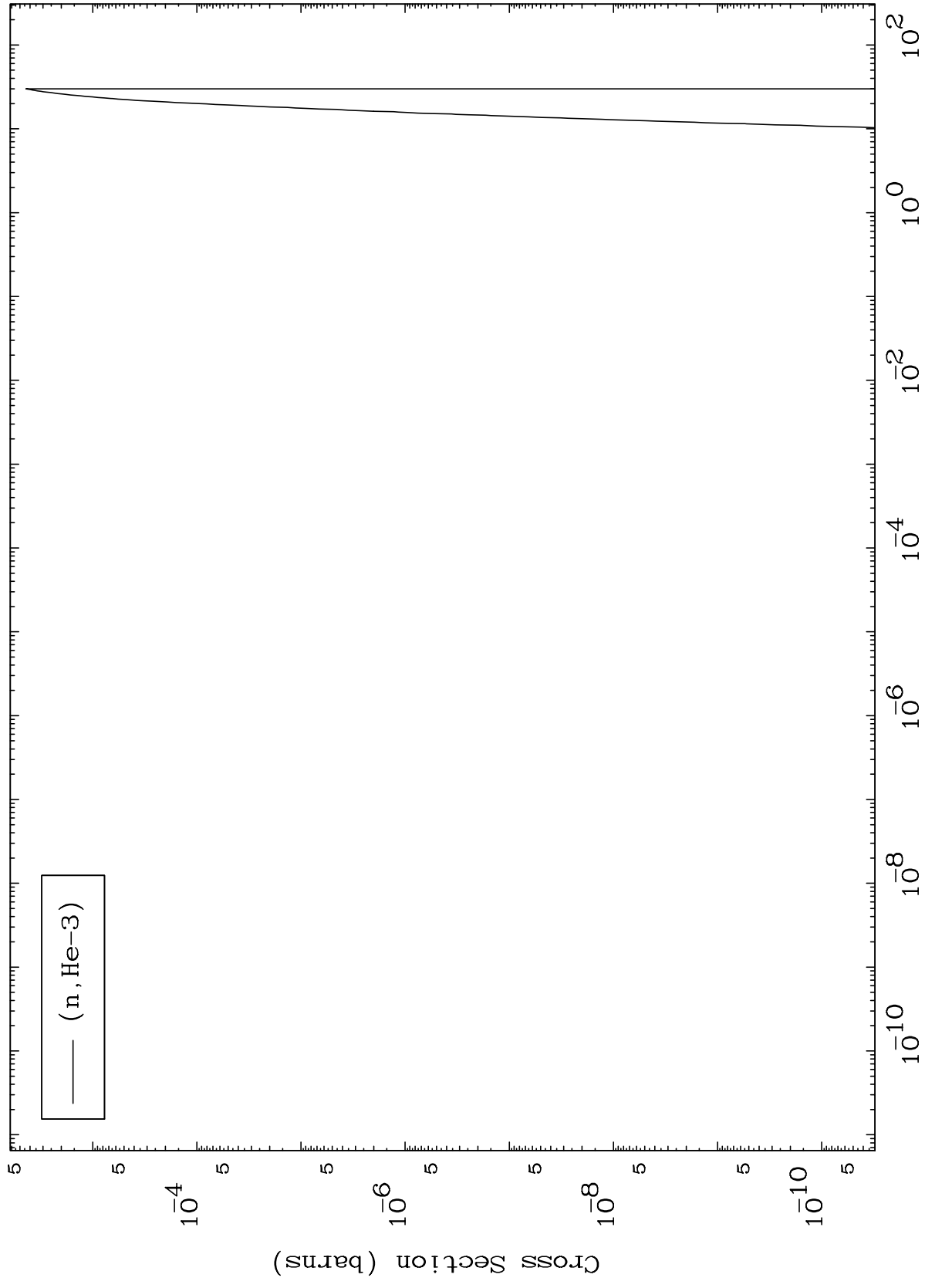
Incident Energy (MeV)

73-Ta-169

MAT 7292

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-169



13

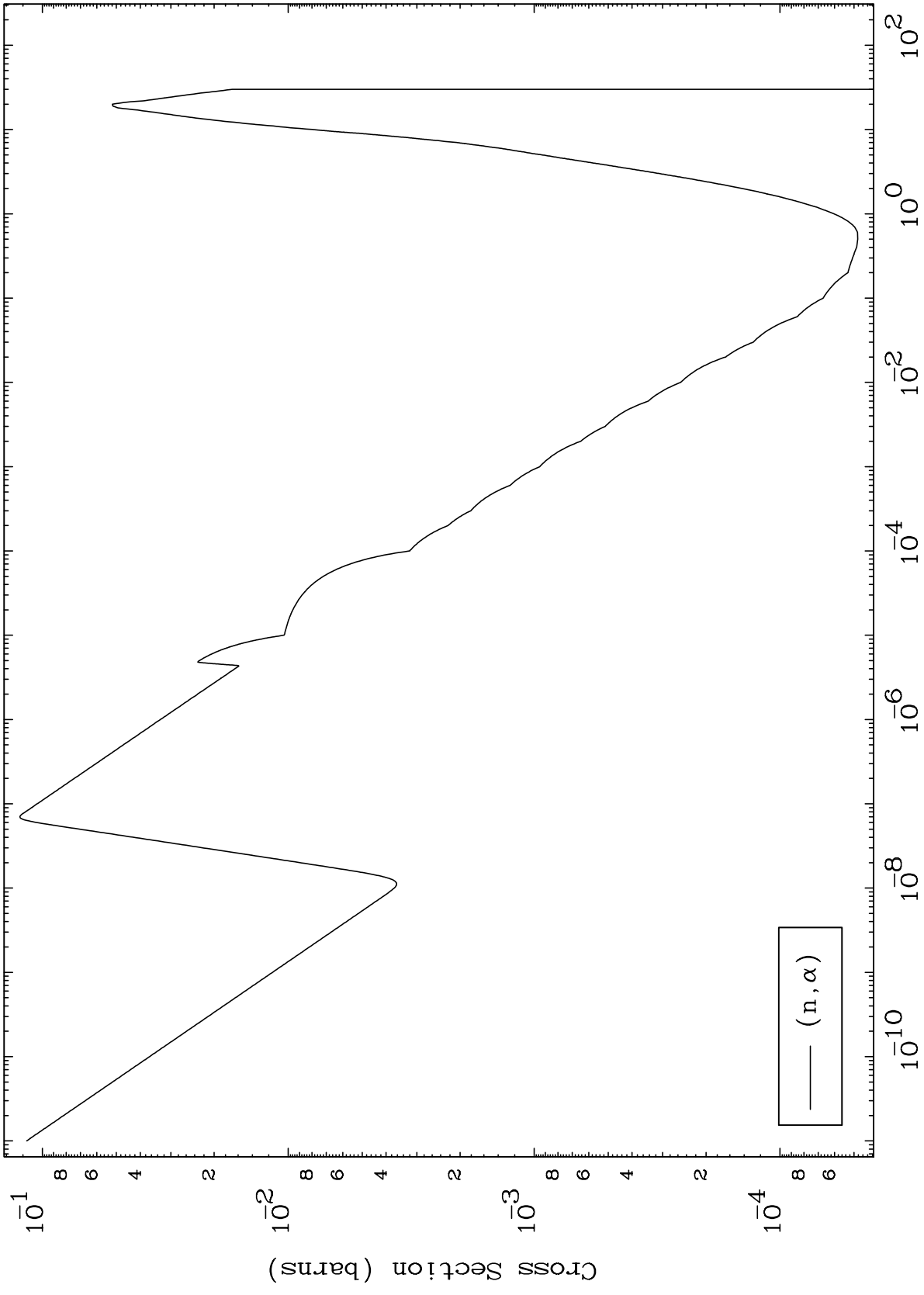
Incident Energy (MeV)

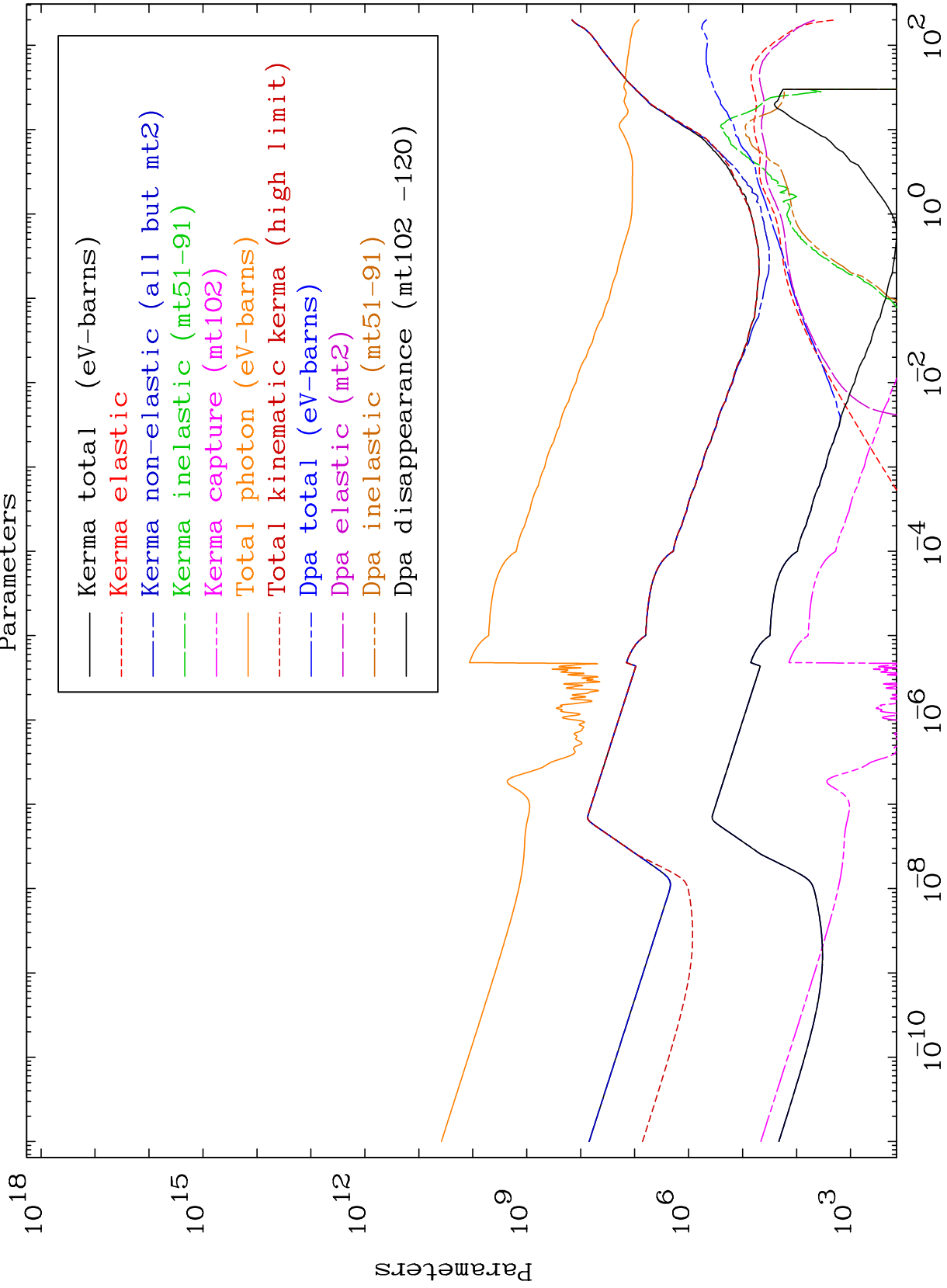
73-Ta-169

MAT 7292

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-169

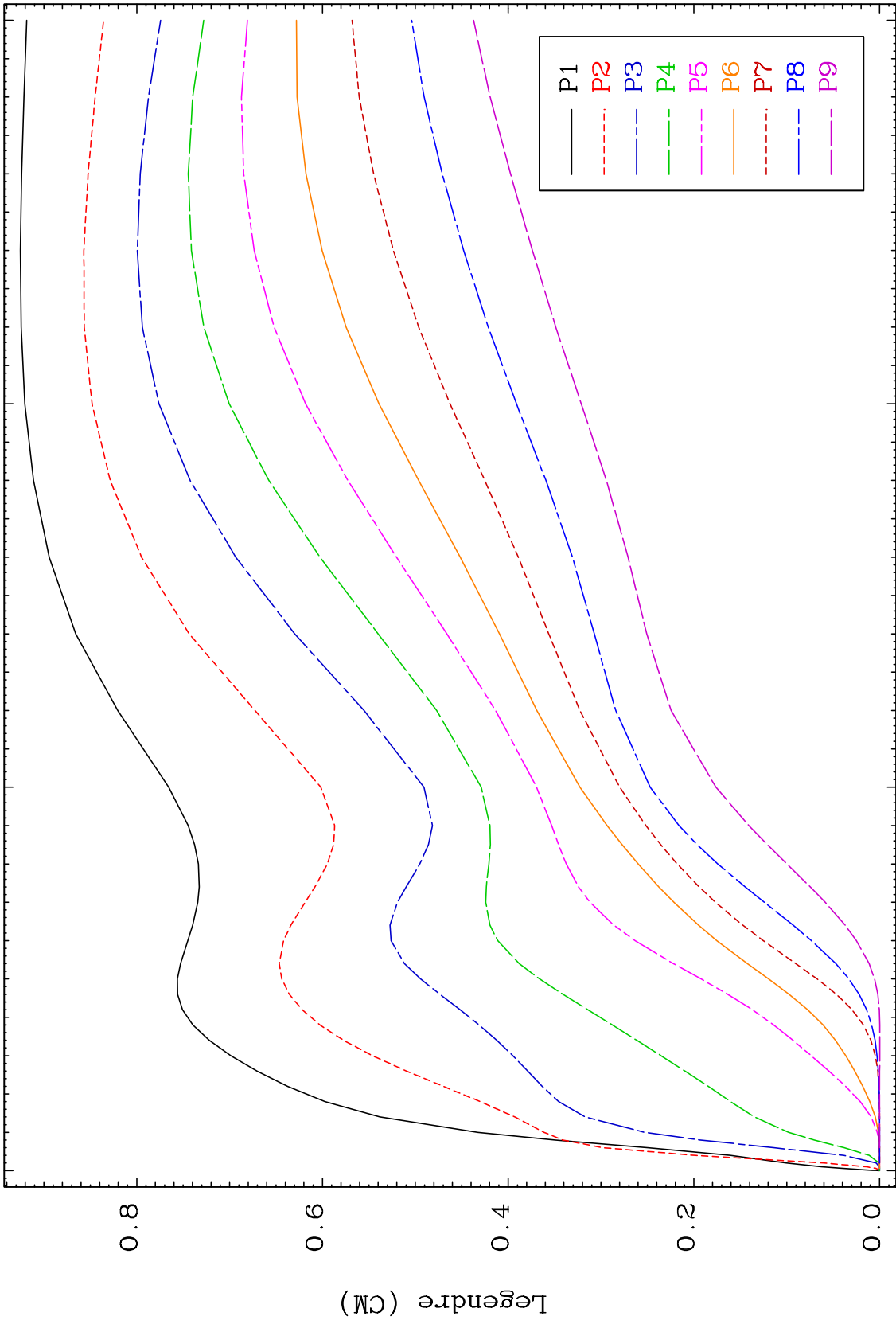




MAT 7292

Elastic Legendre Coefficients

73-Ta-169



16

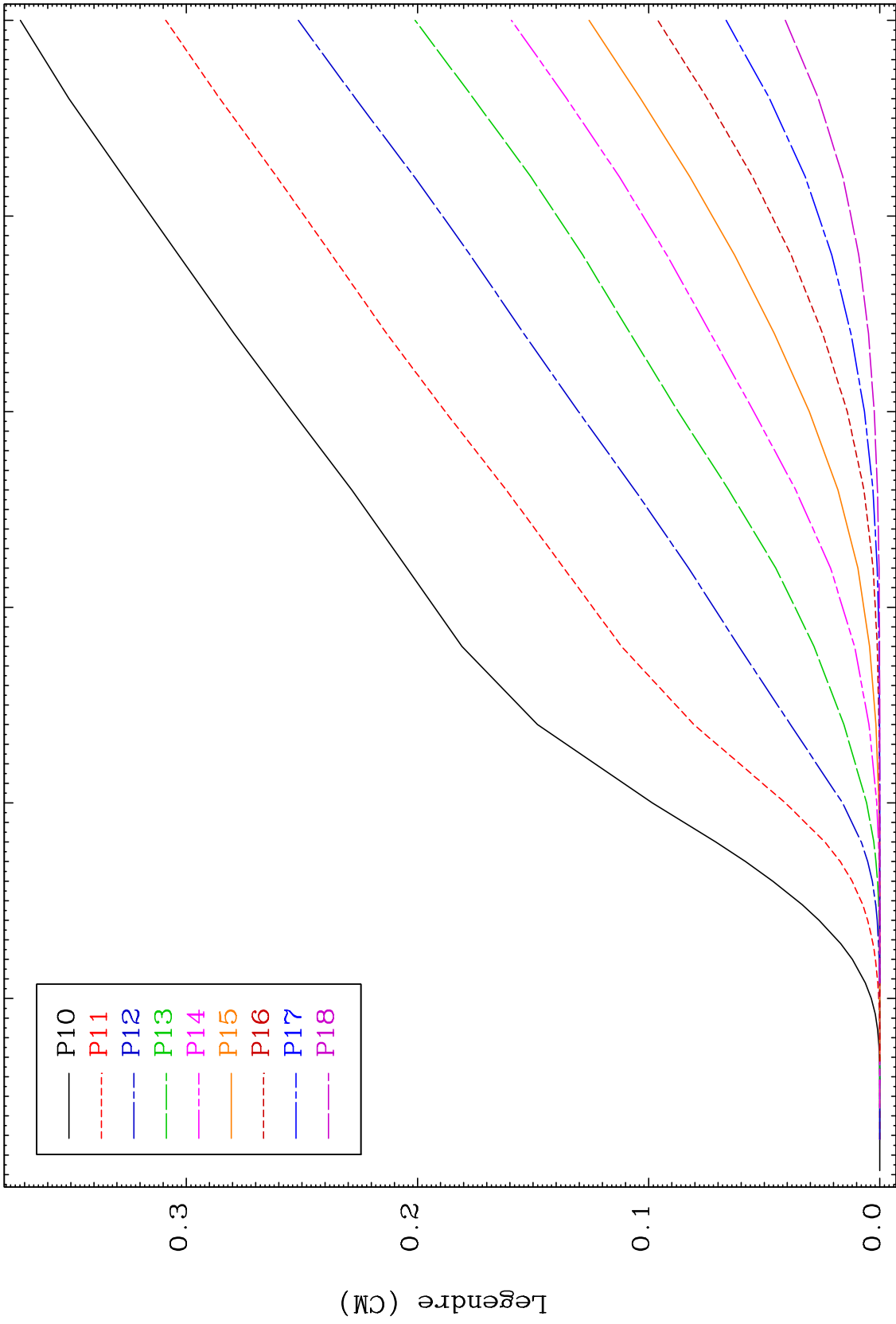
Incident Energy (MeV)

73-Ta-169

MAT 7292

Elastic Legendre Coefficients

⁷³Ta-169



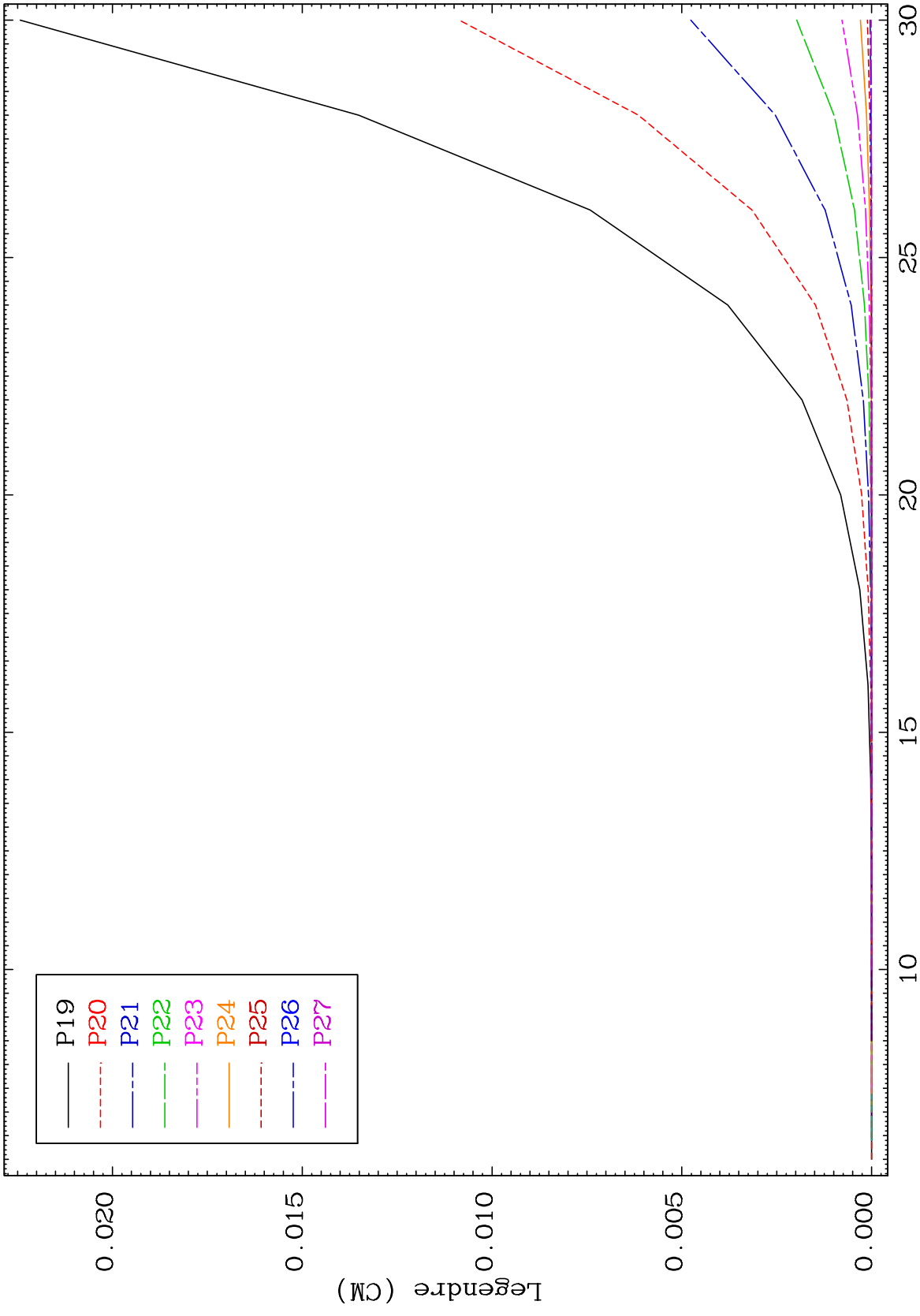
17

⁷³Ta-169

MAT 7292

Elastic Legendre Coefficients

73-Ta-169



18

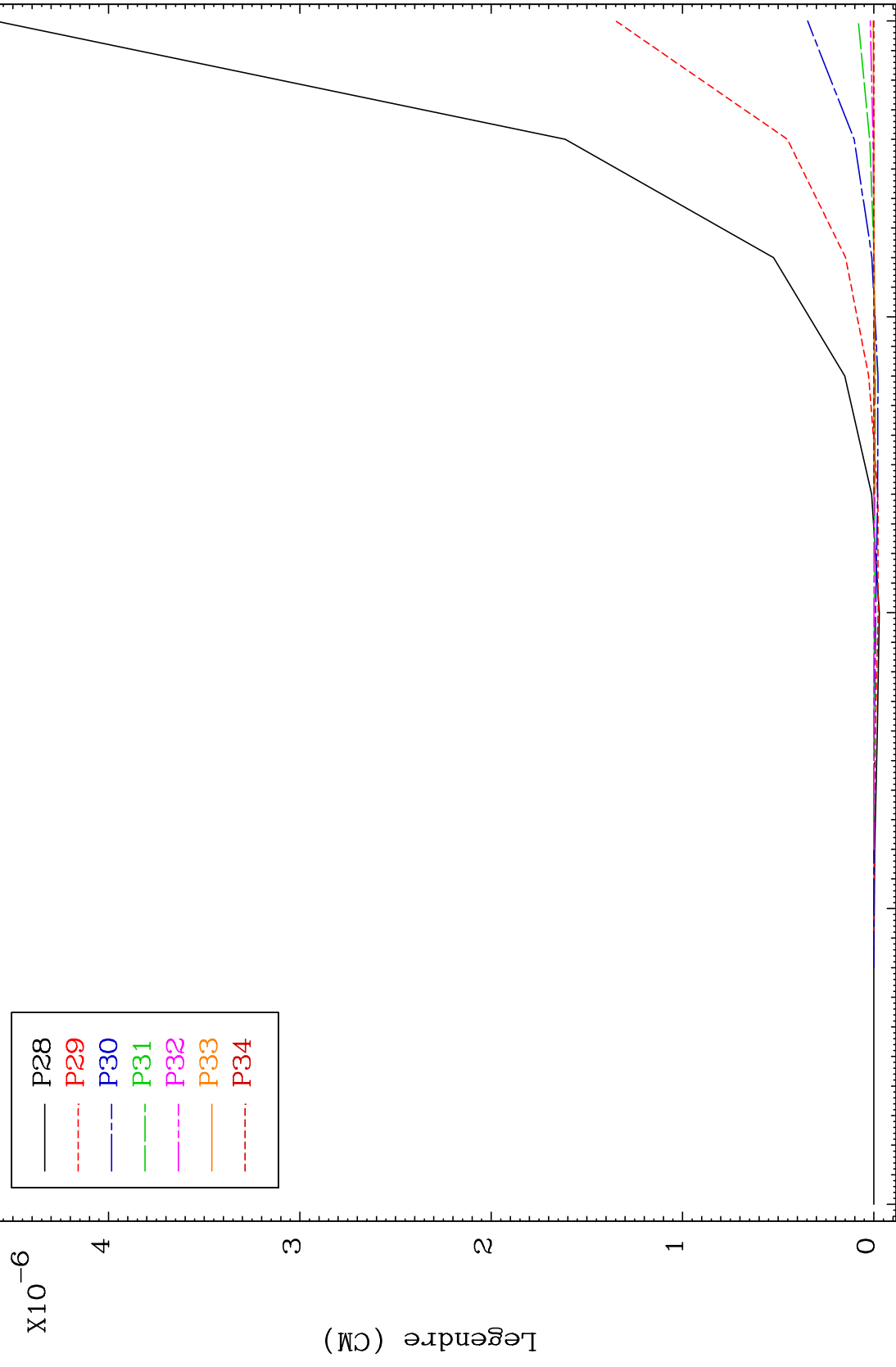
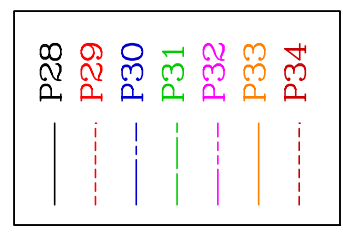
Incident Energy (MeV)

73-Ta-169

MAT 7292

Elastic Legendre Coefficients

⁷³Ta-169



19

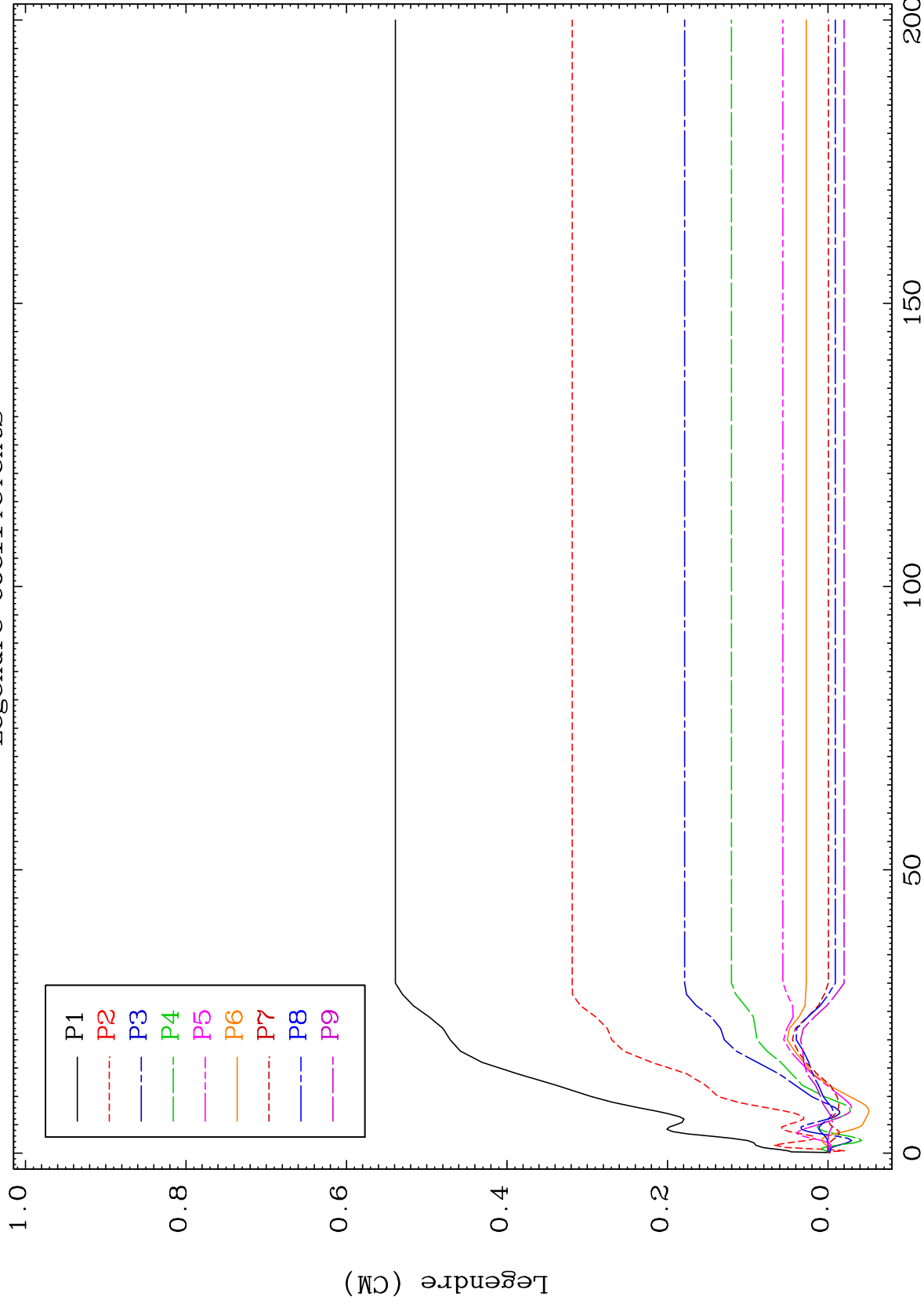
Incident Energy (MeV)

⁷³Ta-169

MAT 7292

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

73-Ta-169



73-Ta-169

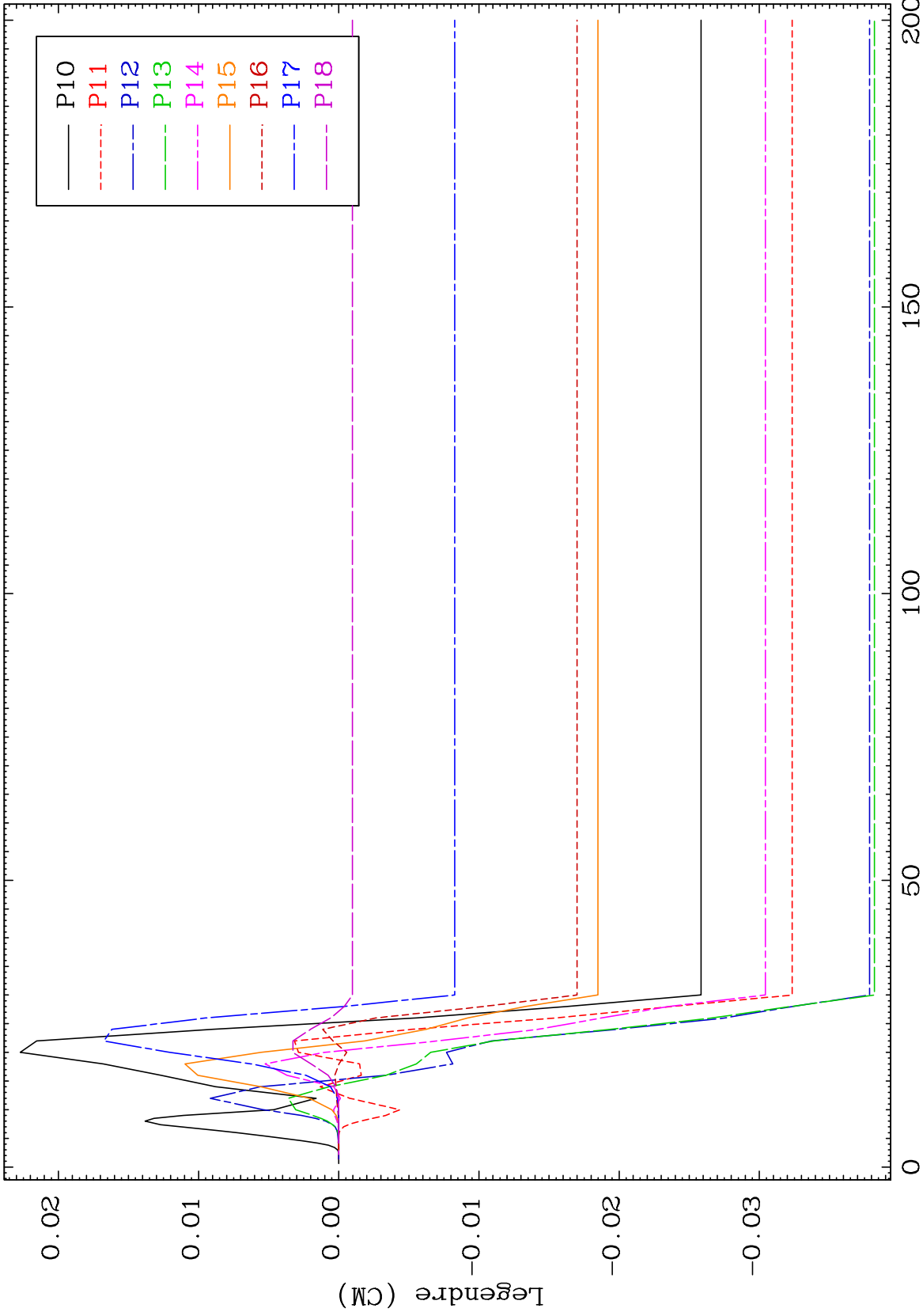
Incident Energy (MeV)

20

MAT 7292

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

73-Ta-169



21

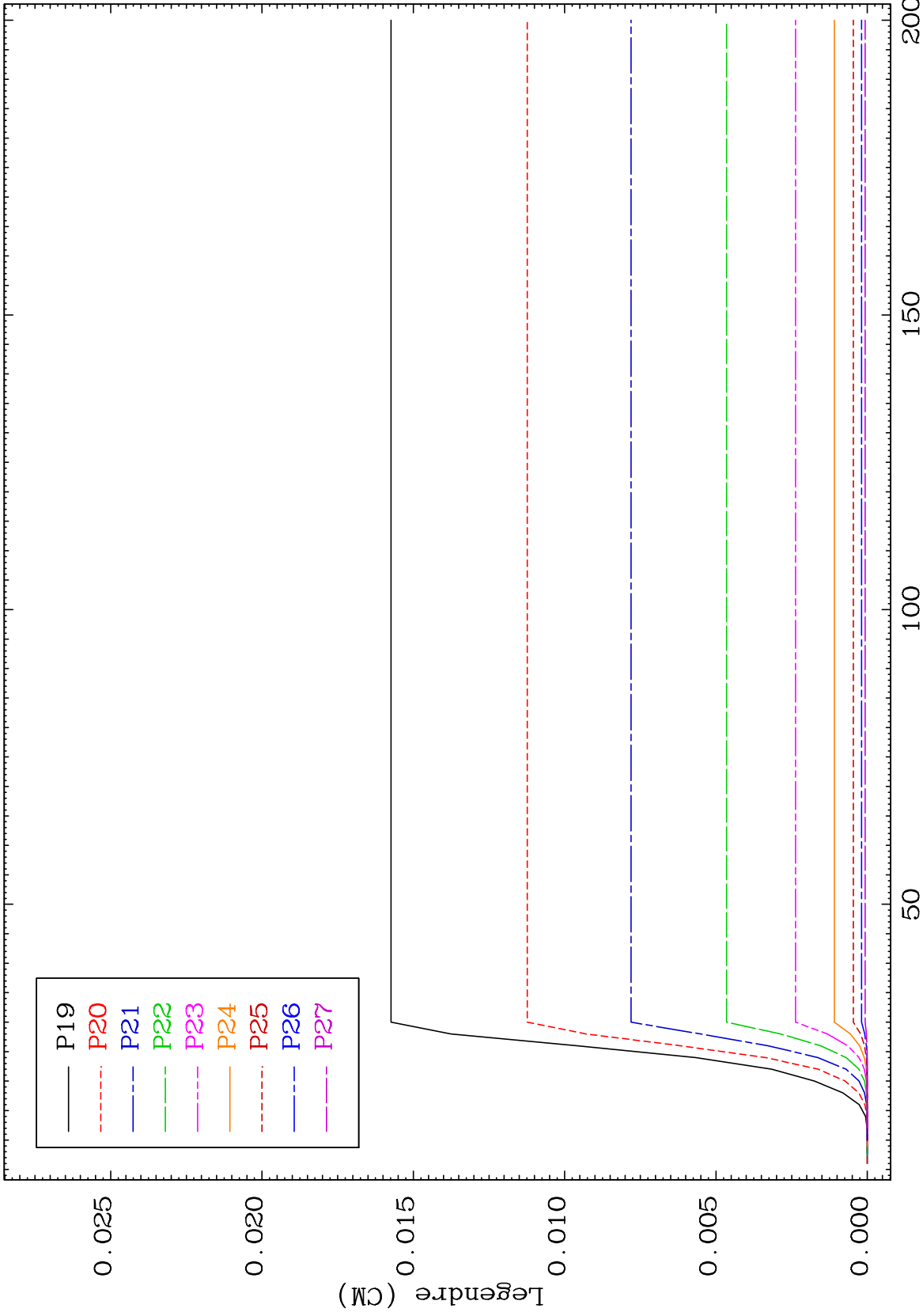
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



22

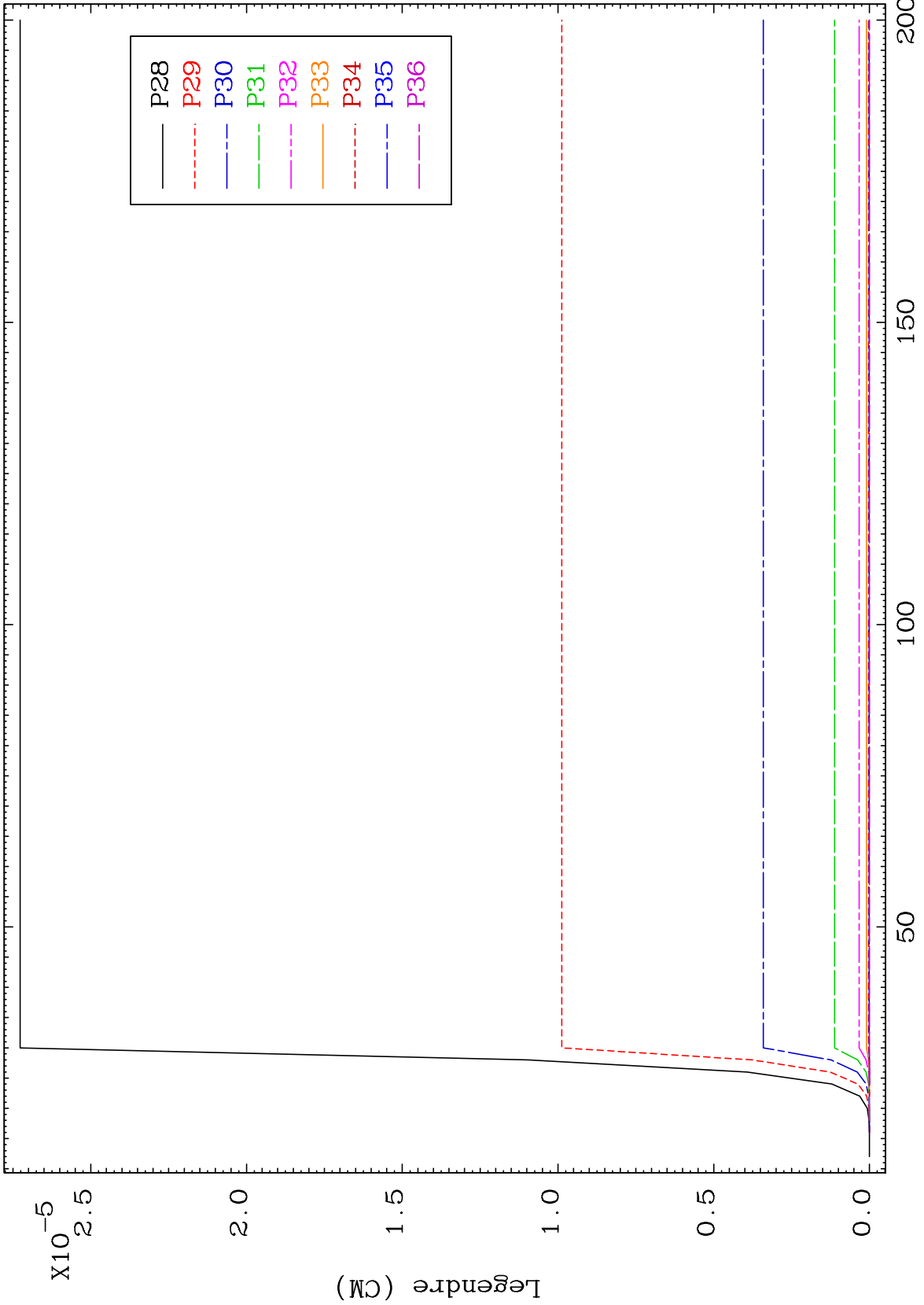
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



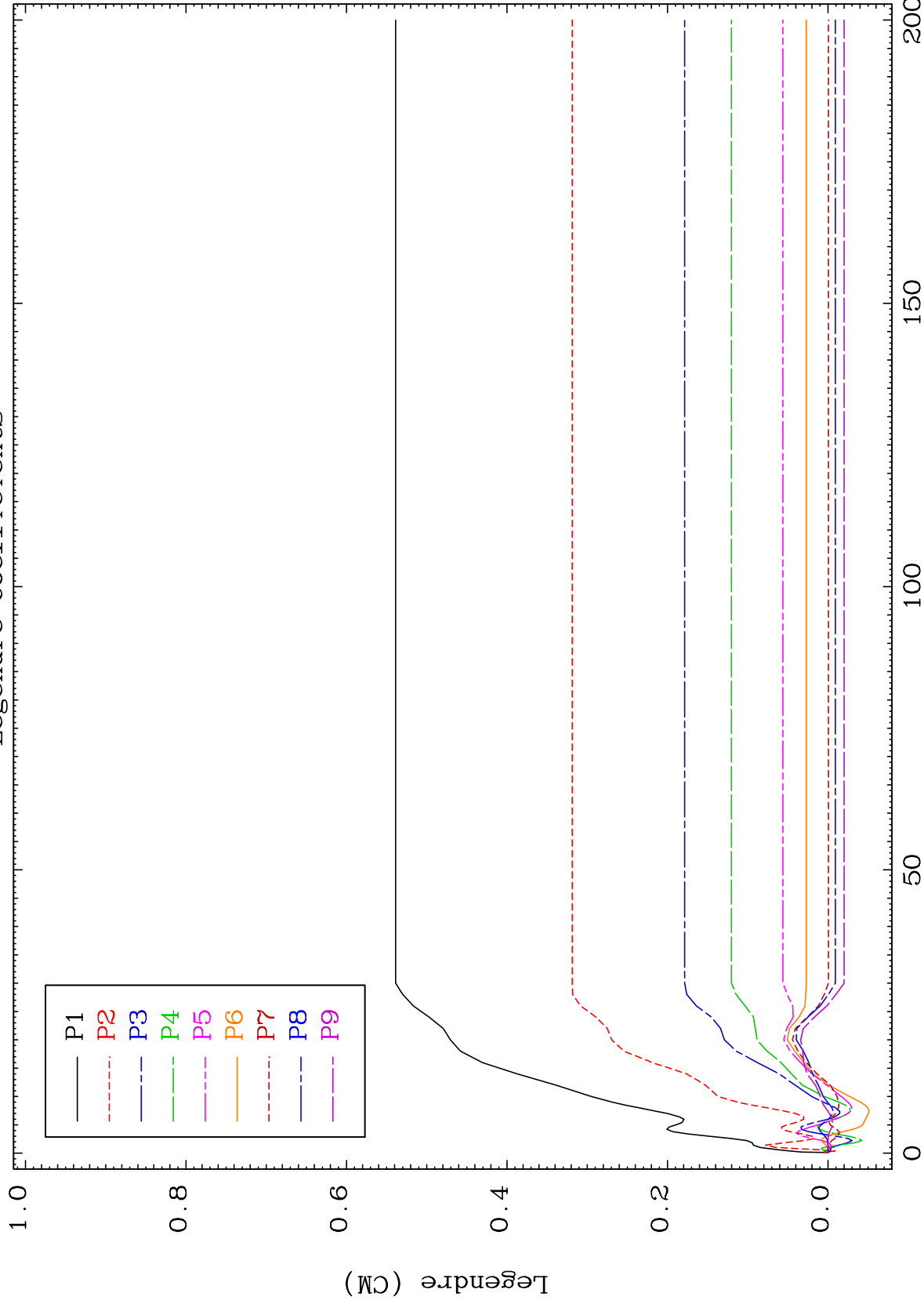
23

73-Ta-169

MAT 7292

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

73-Ta-169

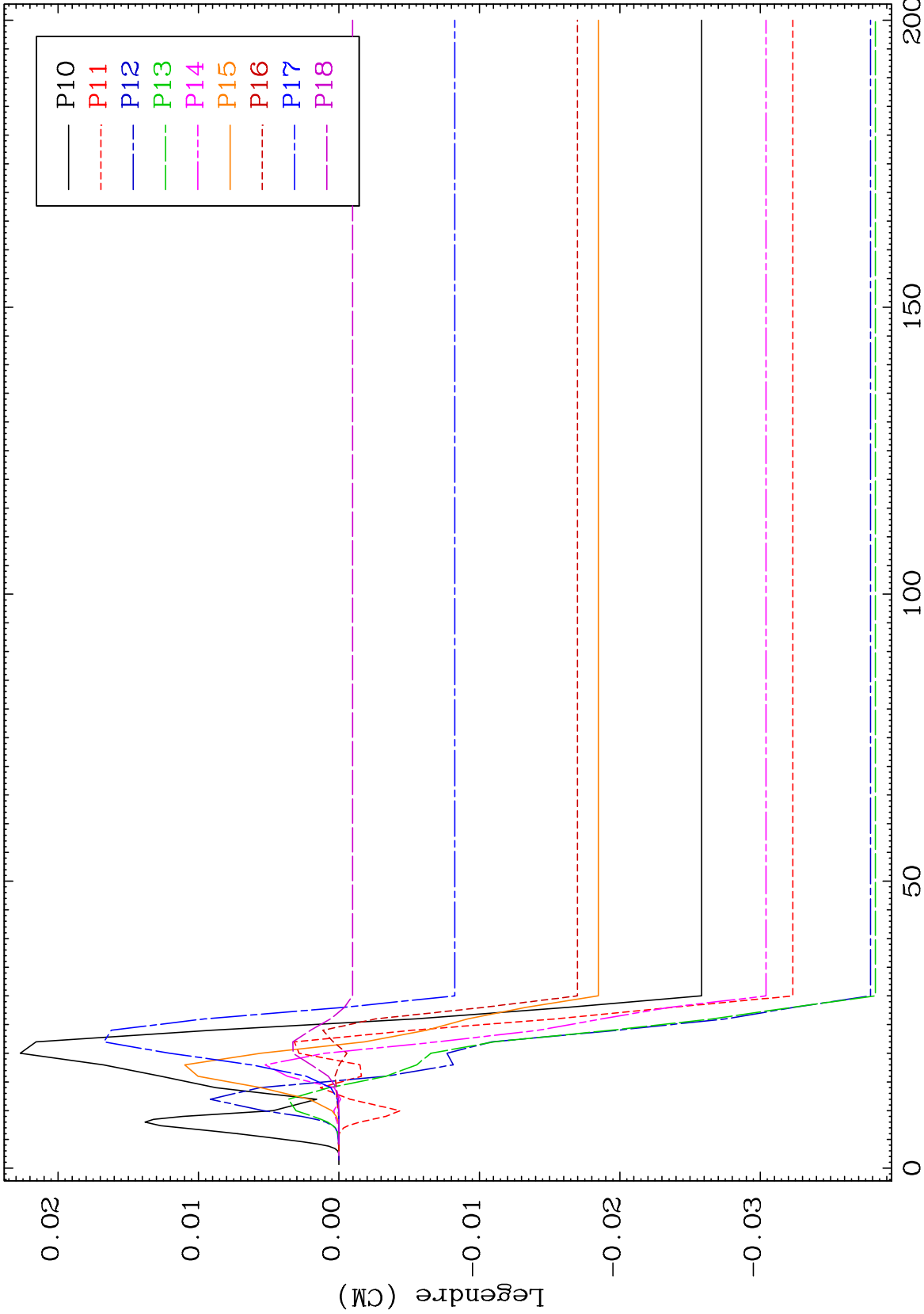


24

MAT 7292

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

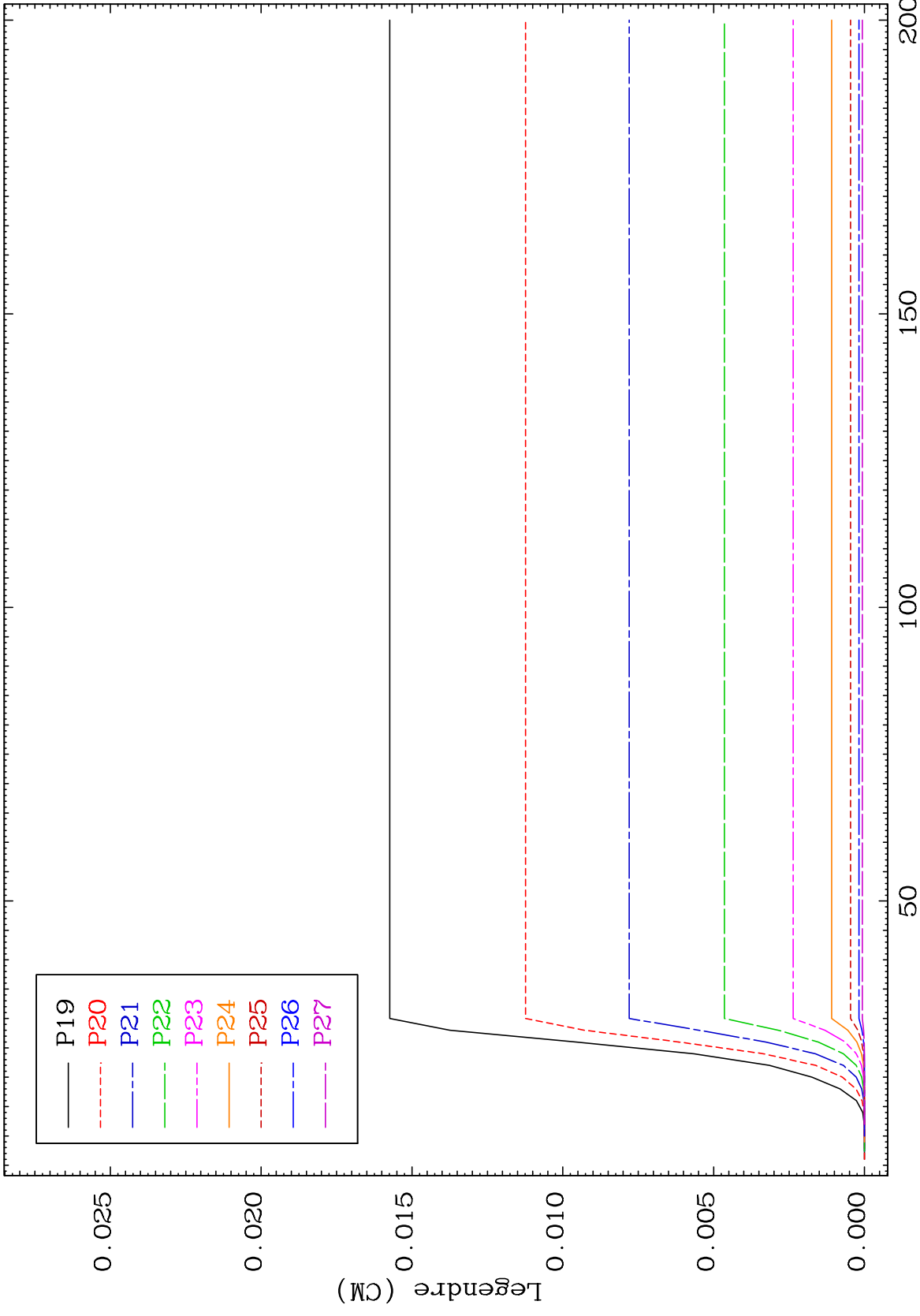
73-Ta-169



25

Incident Energy (MeV)

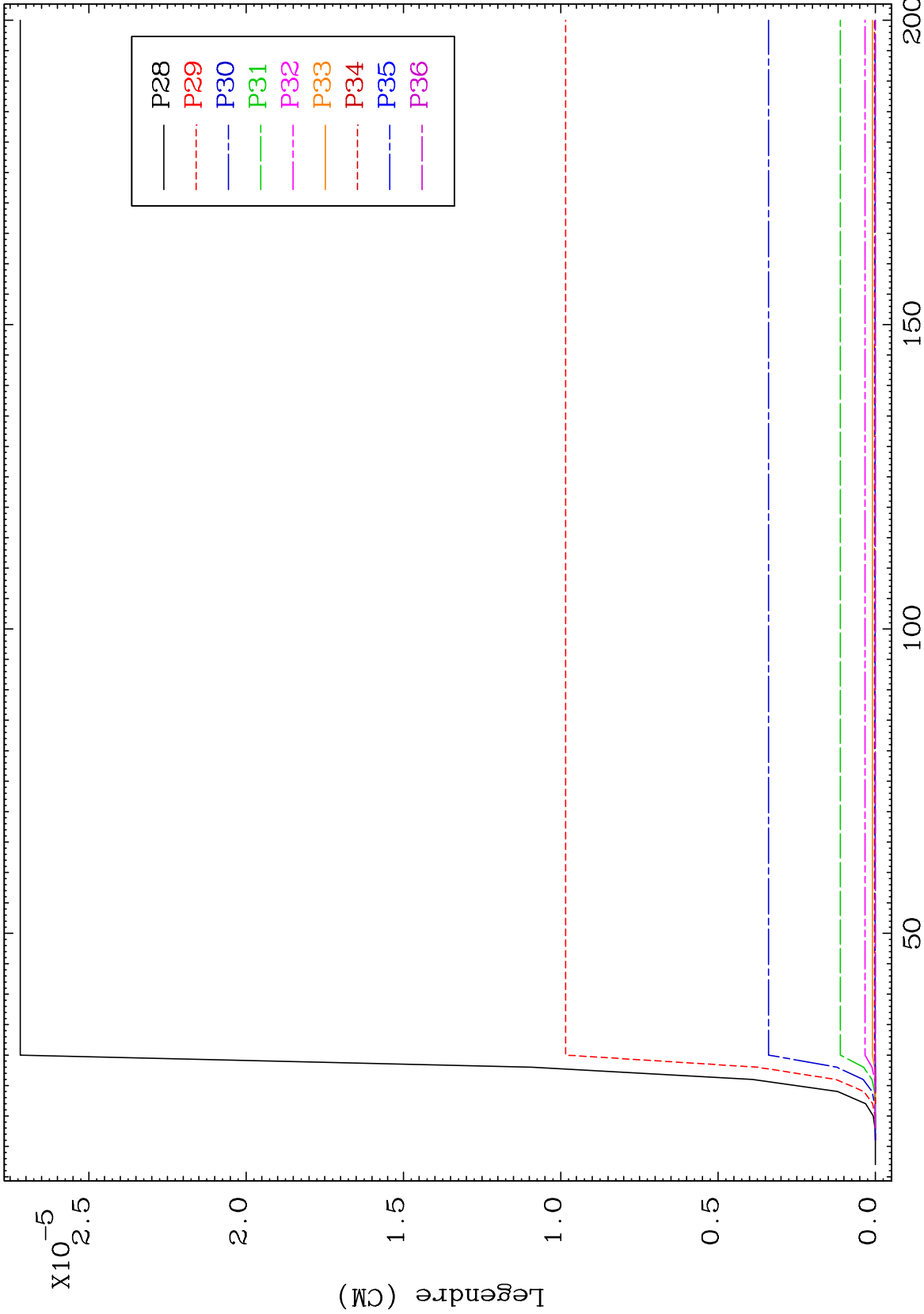
73-Ta-169



MAT 7292

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

73-Ta-169



27

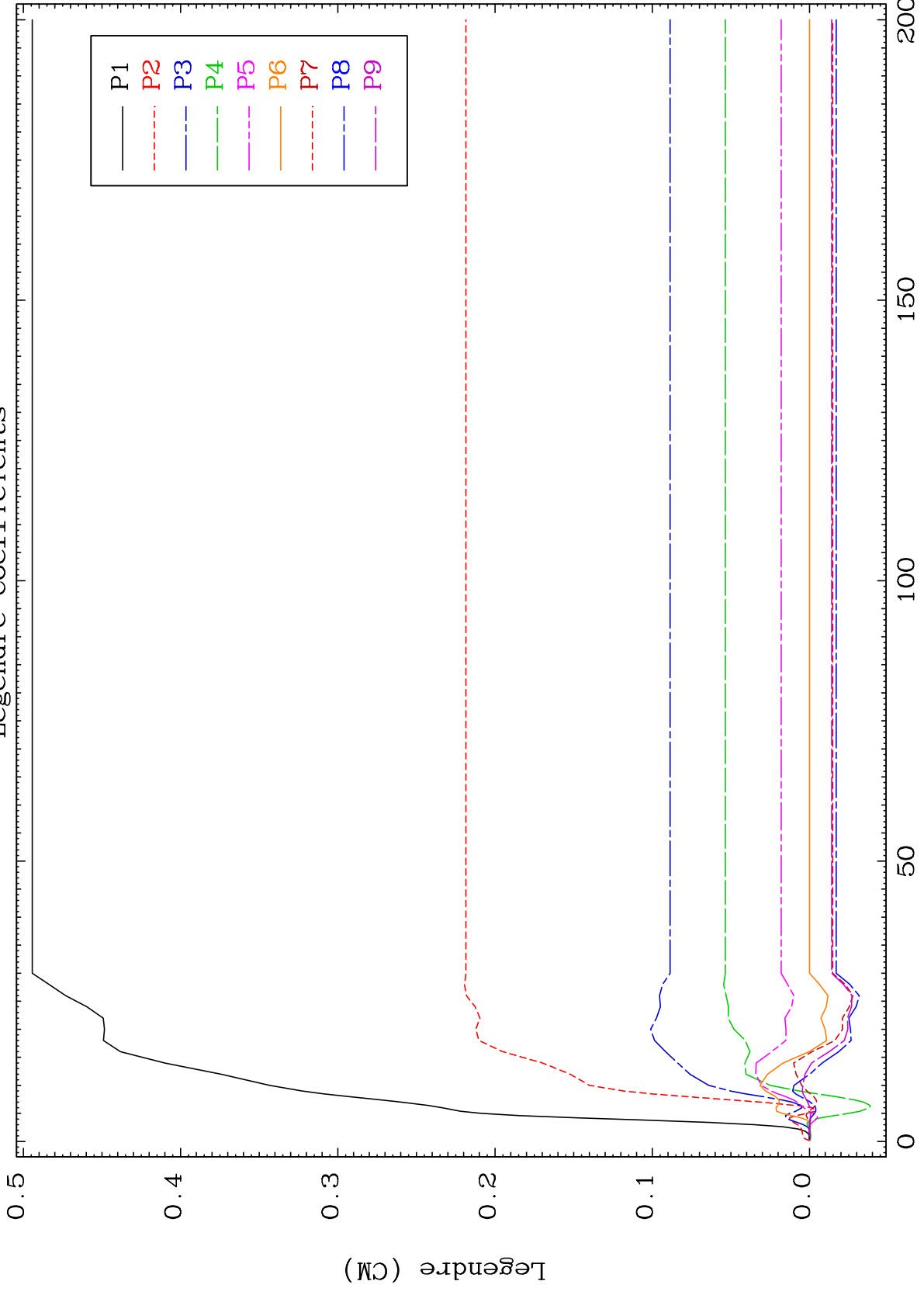
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



28

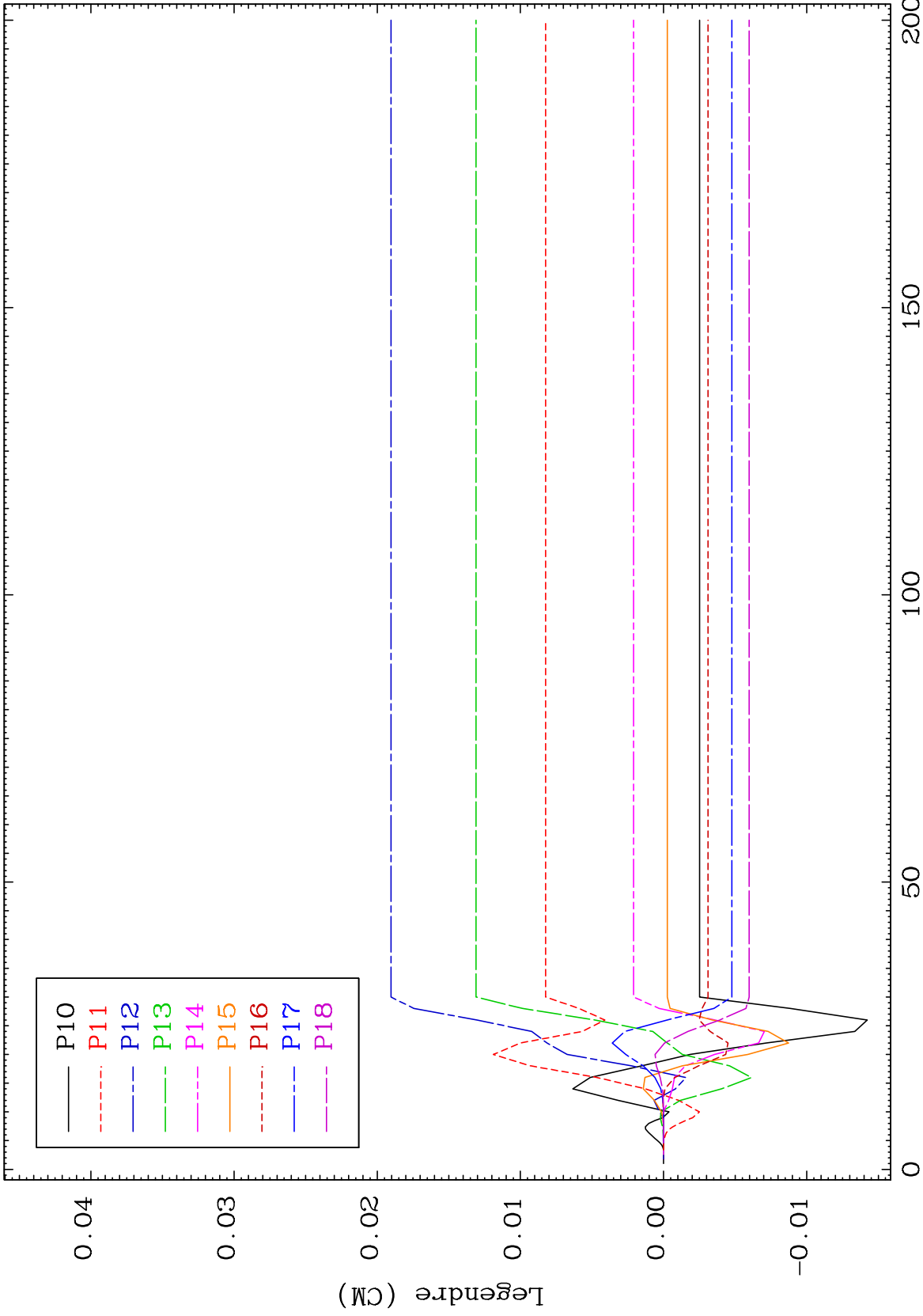
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



29

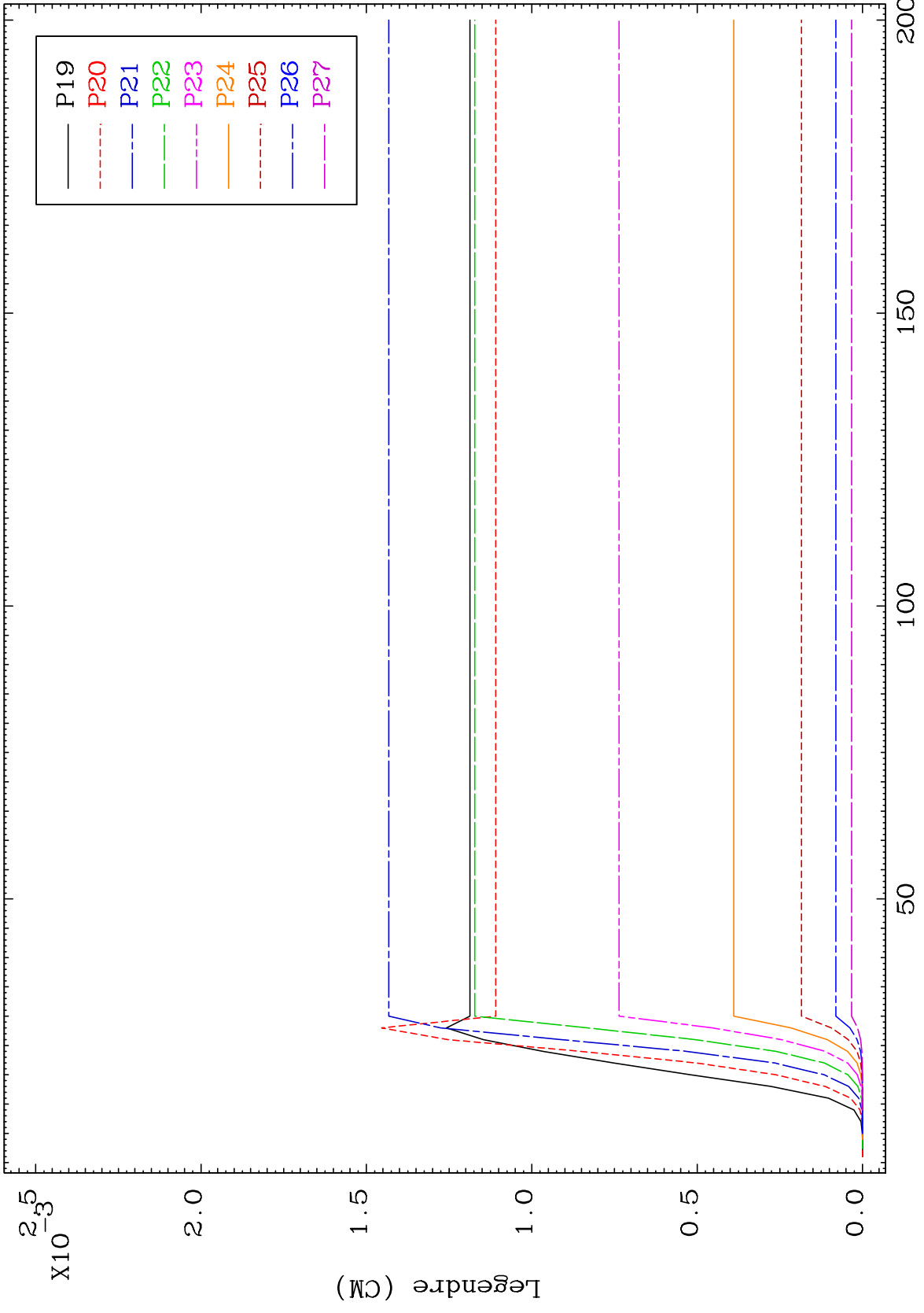
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

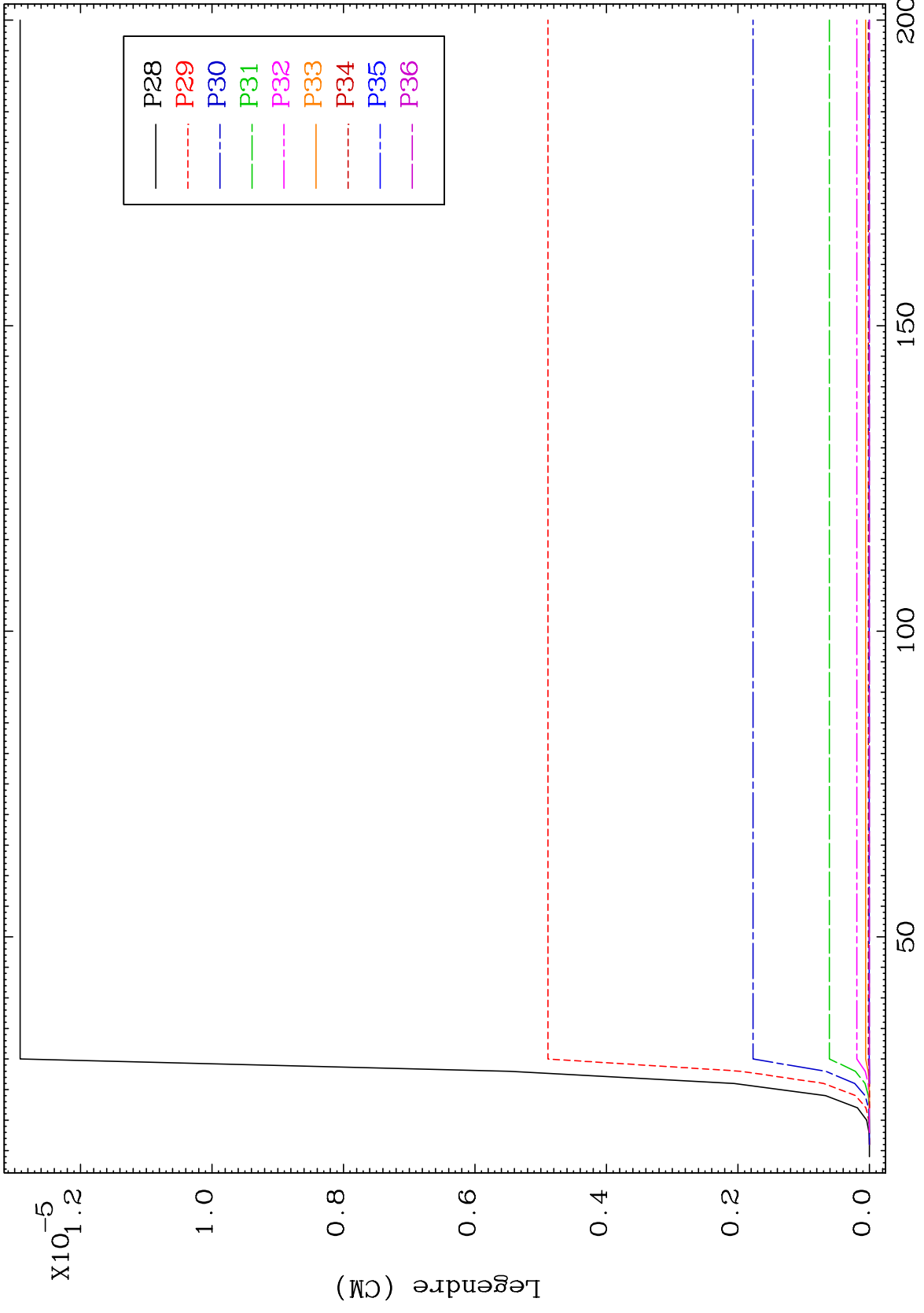
73-Ta-169



30

Incident Energy (MeV)

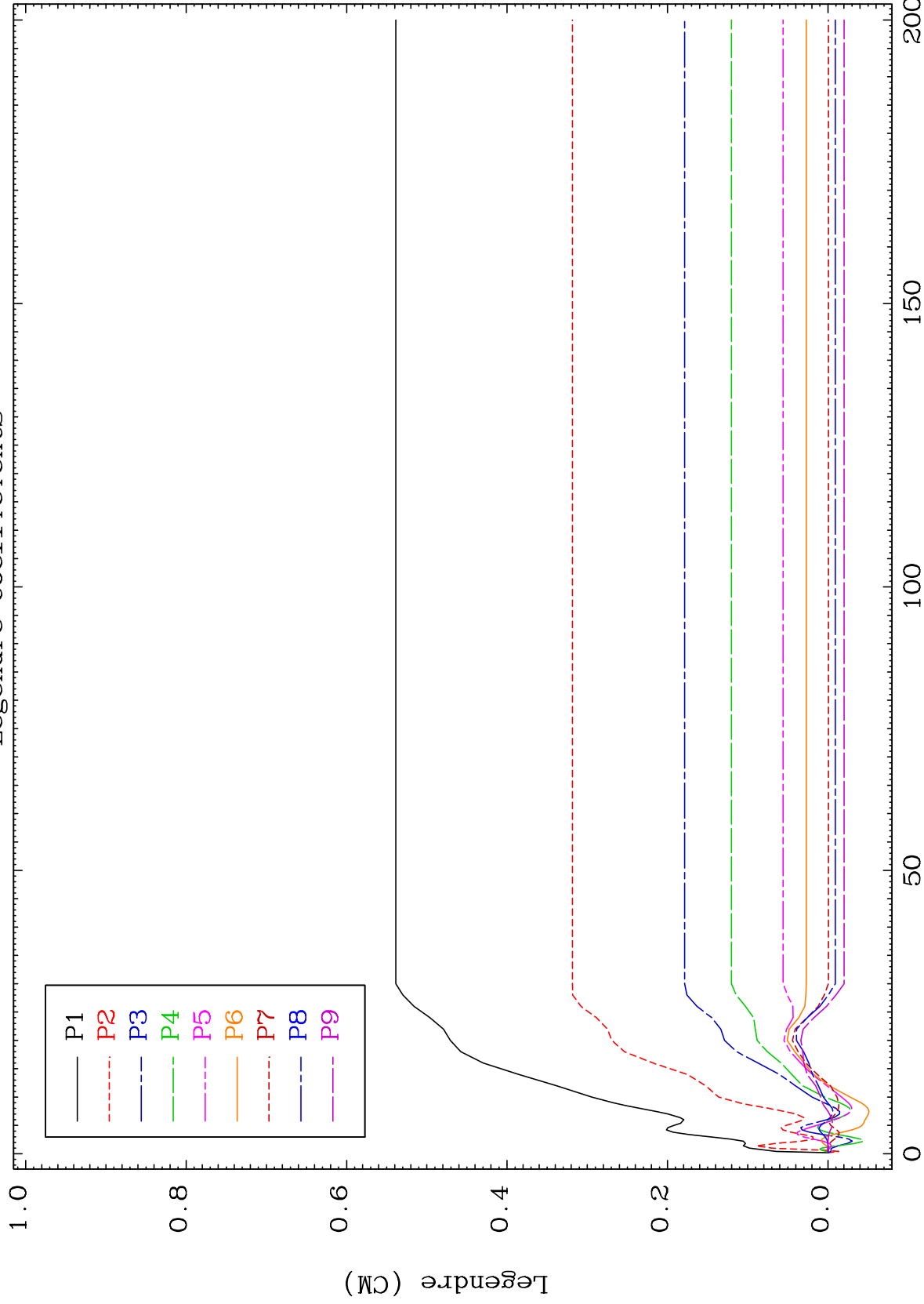
73-Ta-169



MAT 7292

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

73-Ta-169

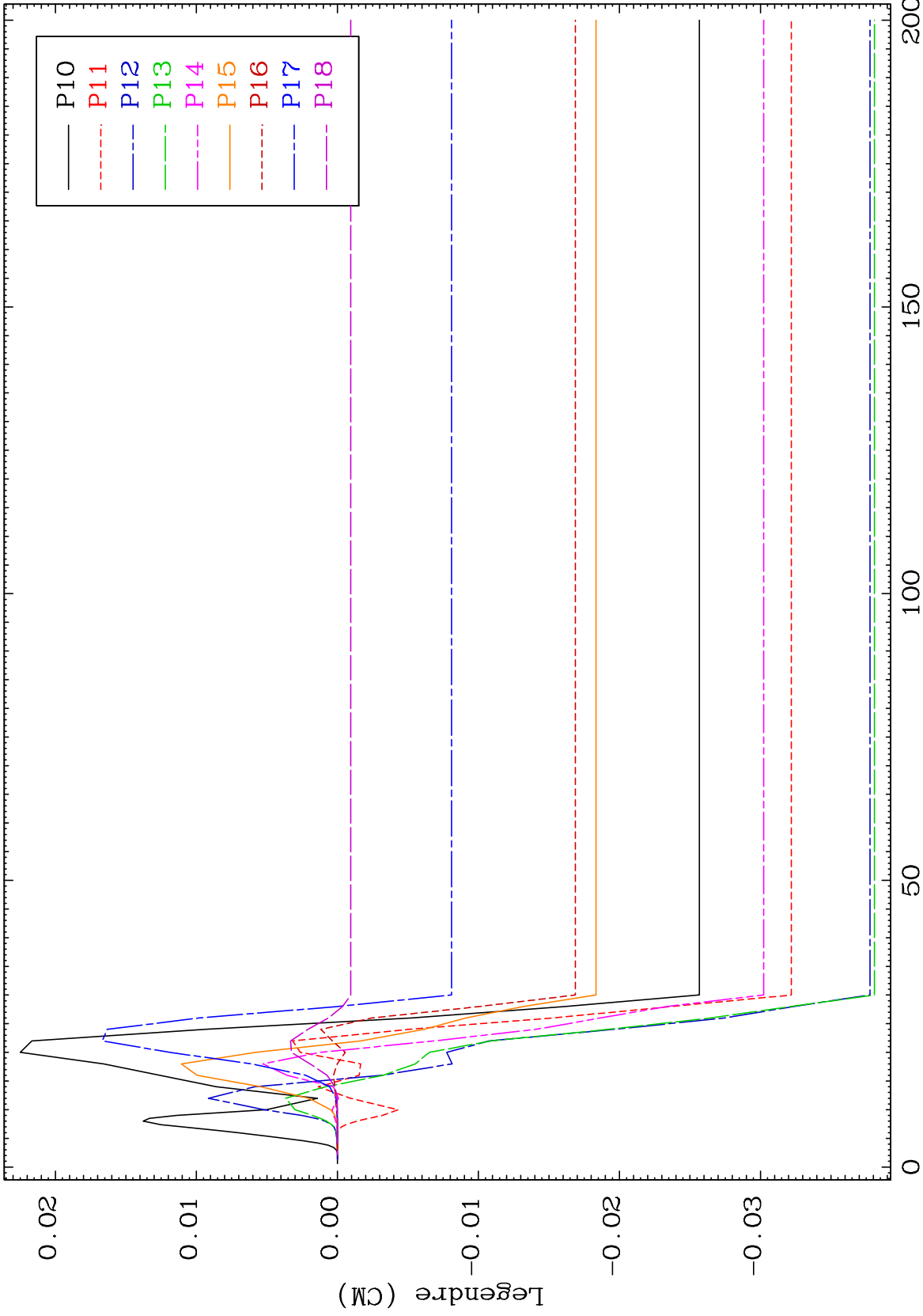


32

MAT 7292

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

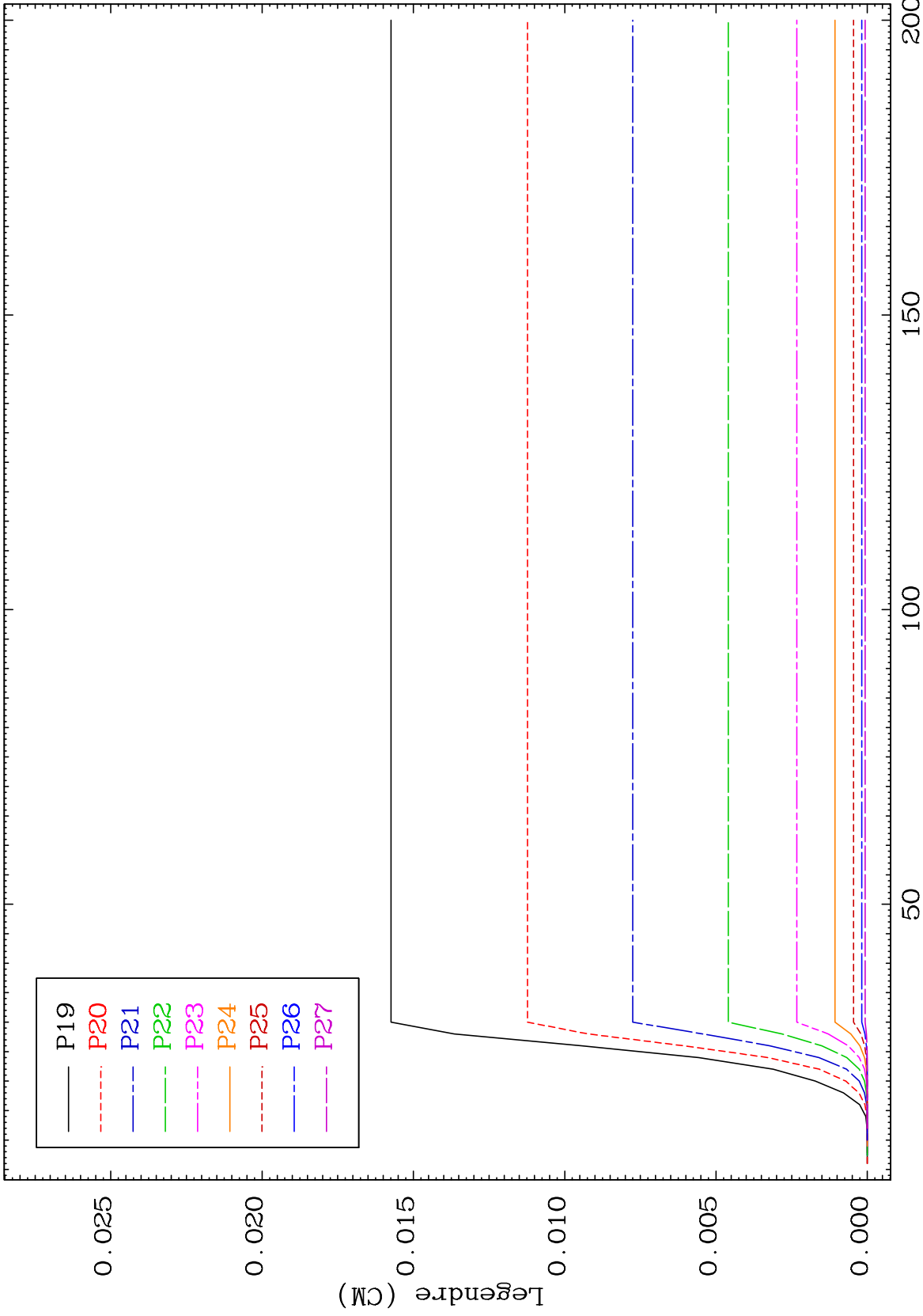
73-Ta-169



33

Incident Energy (MeV)

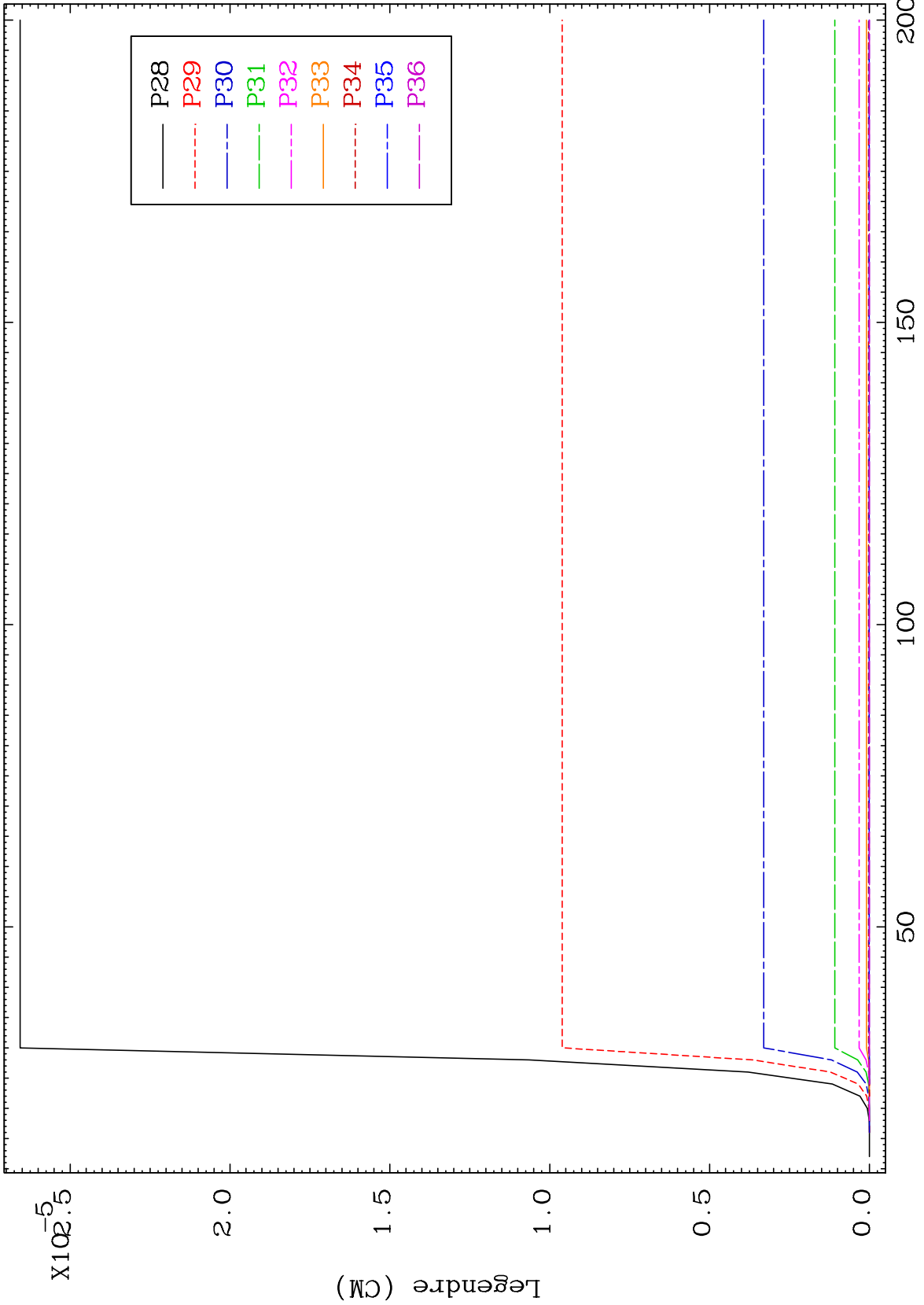
73-Ta-169



MAT 7292

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

73-Ta-169



35

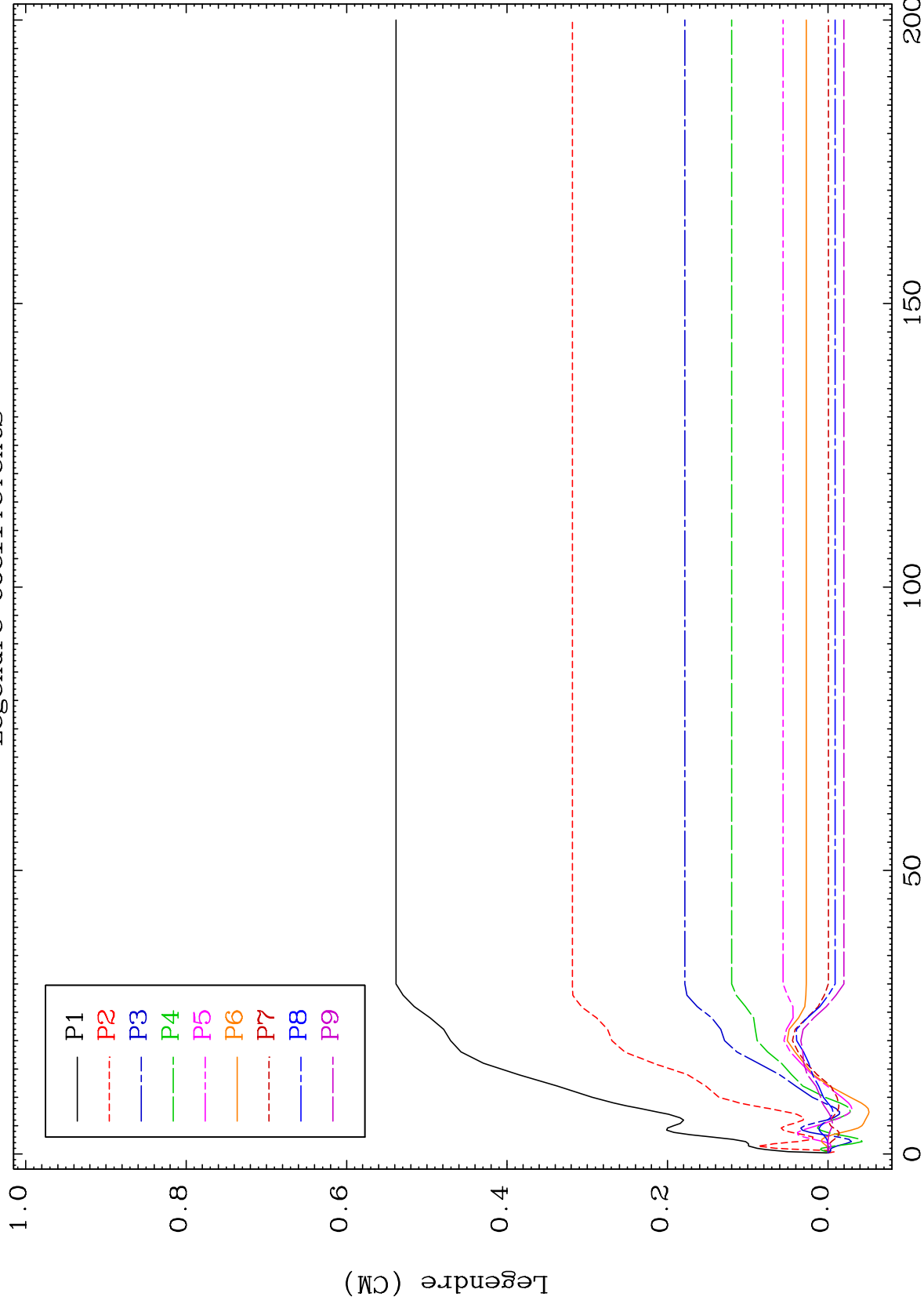
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



36

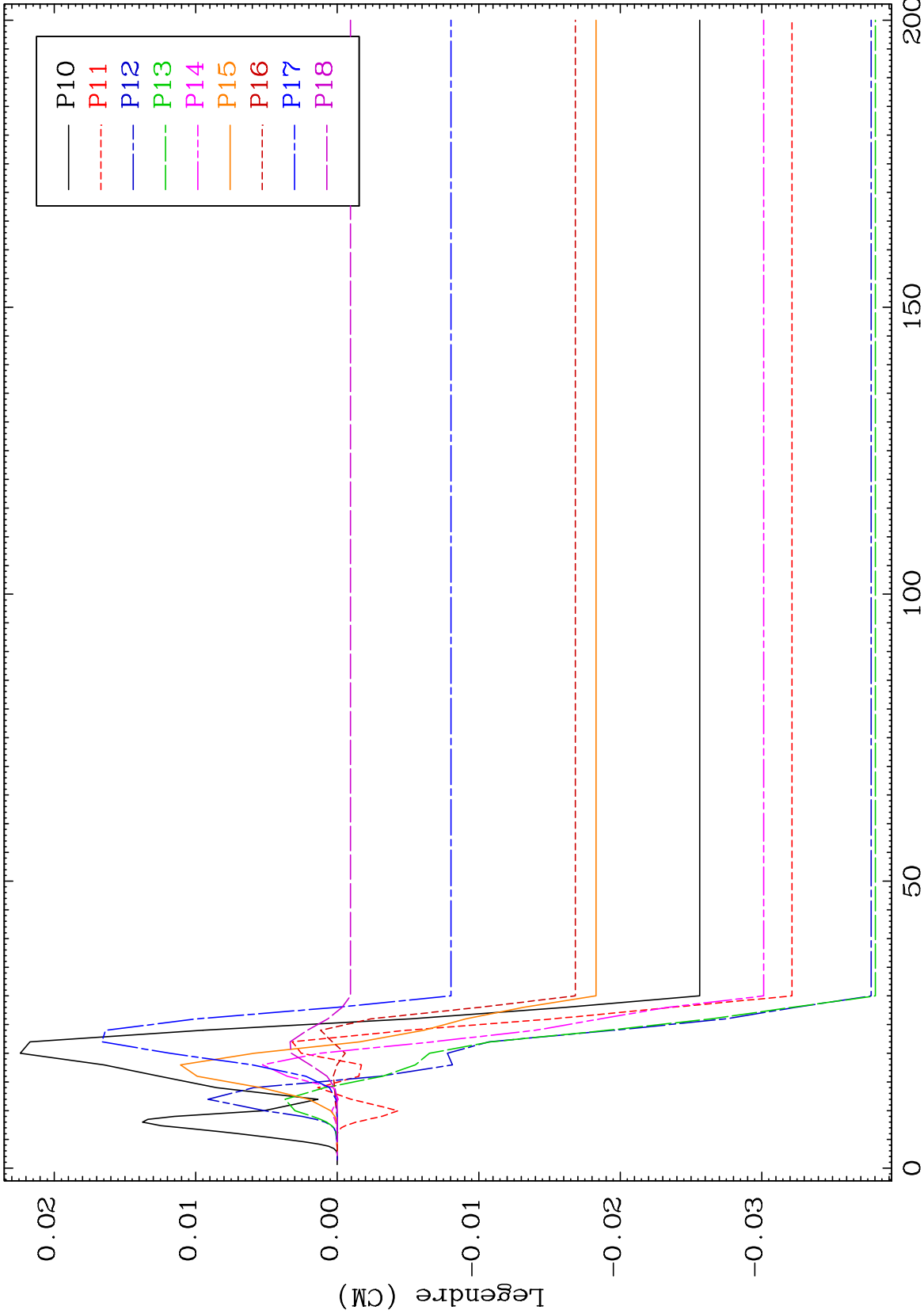
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



37

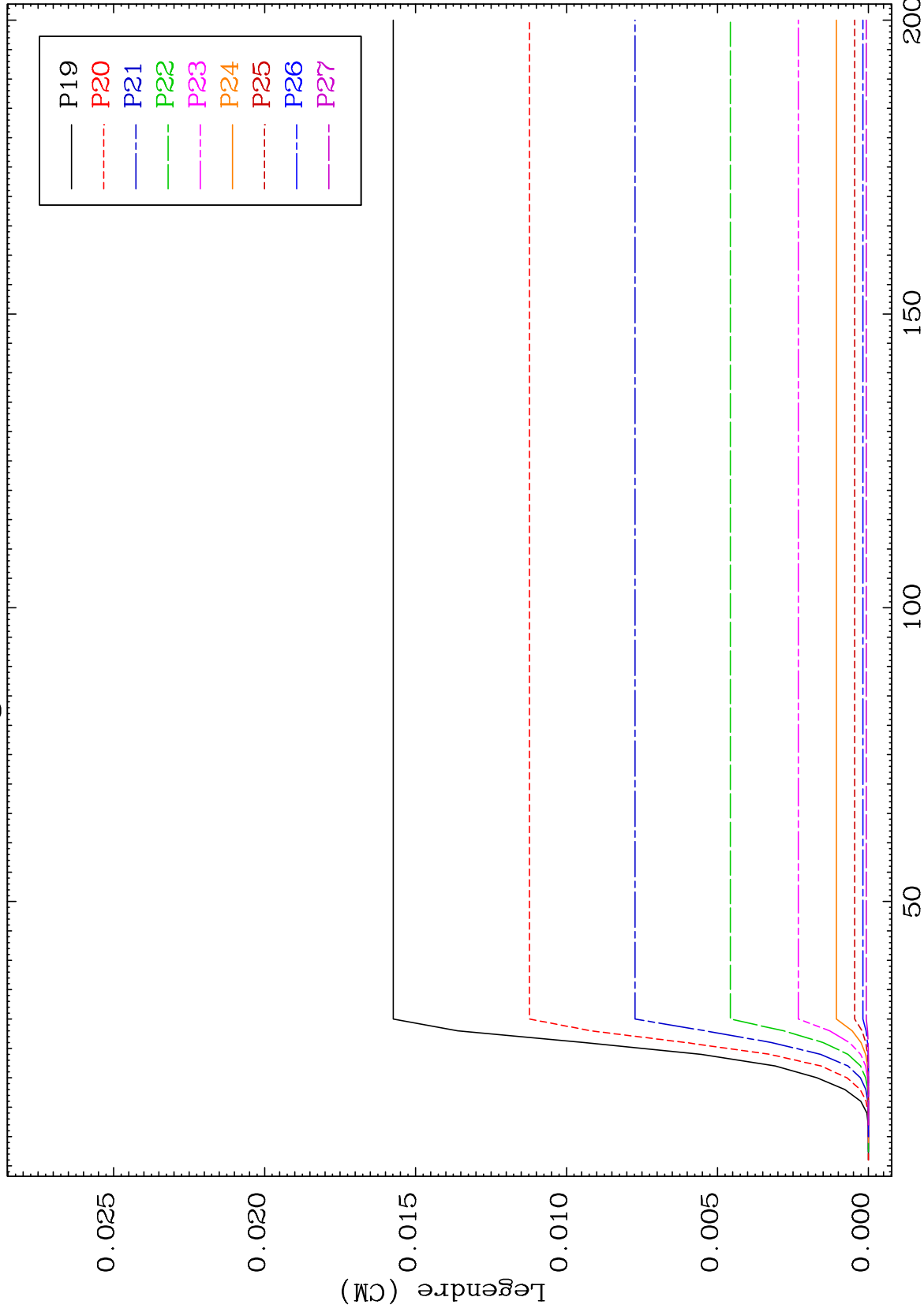
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



38

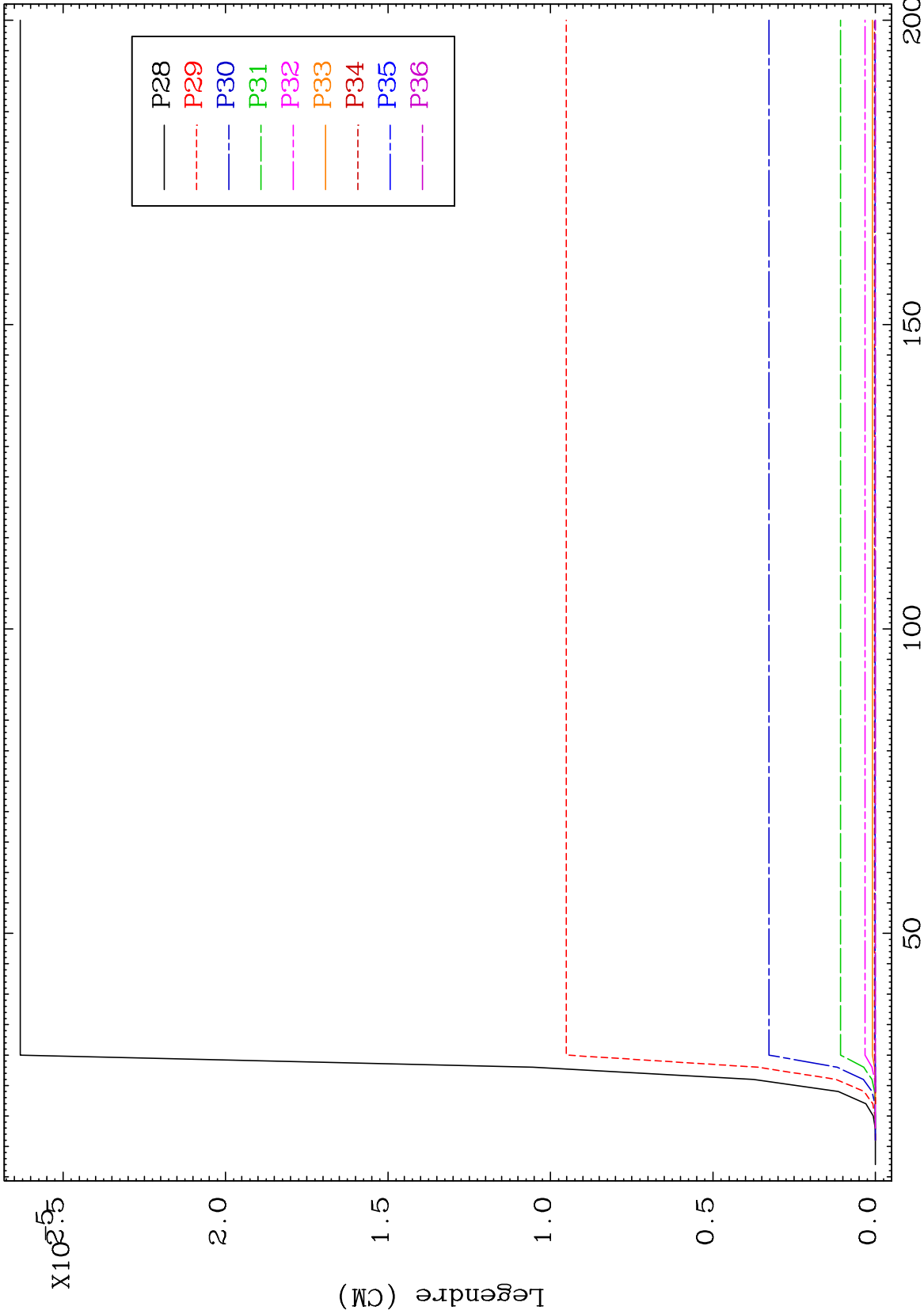
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



39

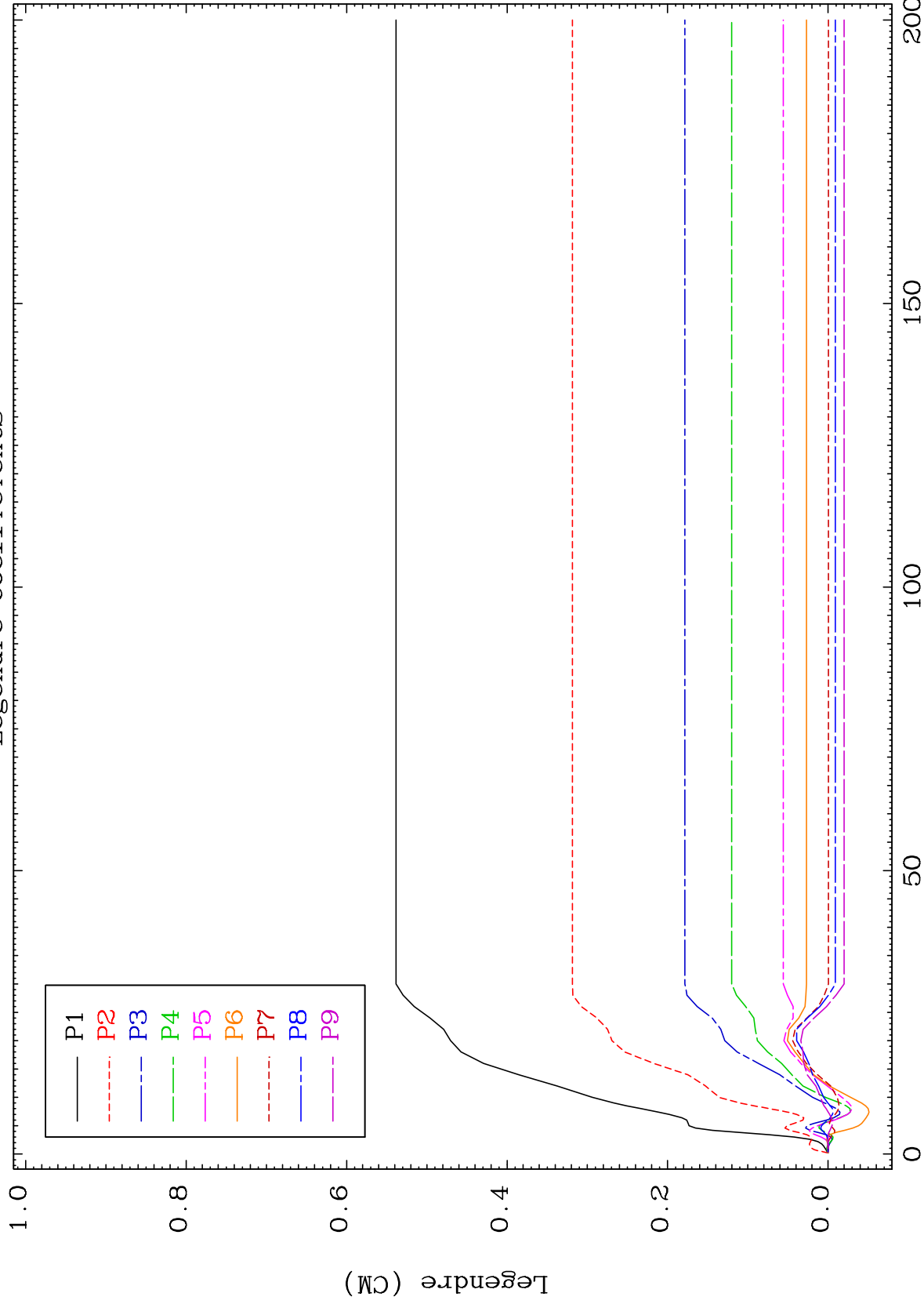
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



73-Ta-169

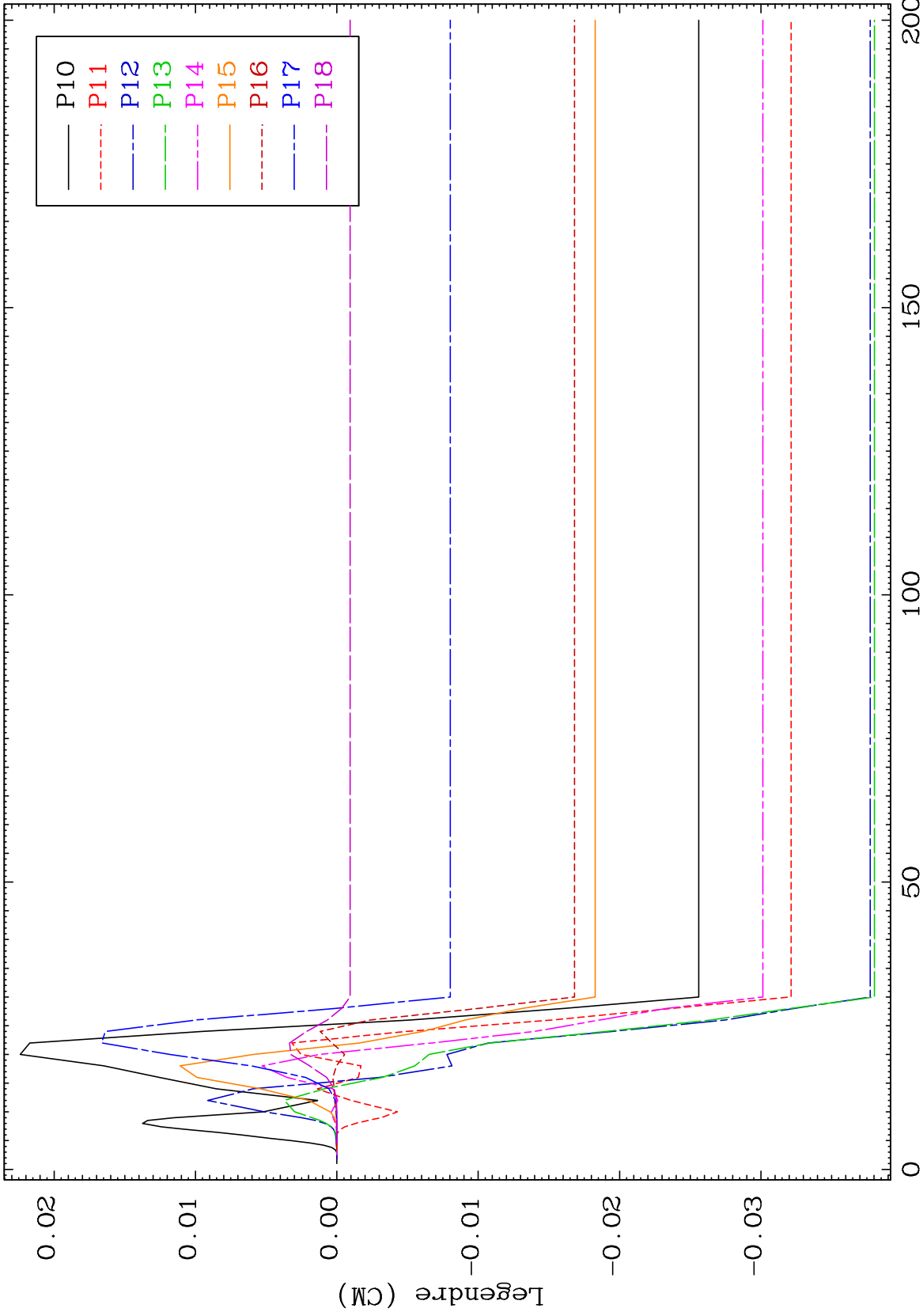
Incident Energy (MeV)

40

MAT 7292

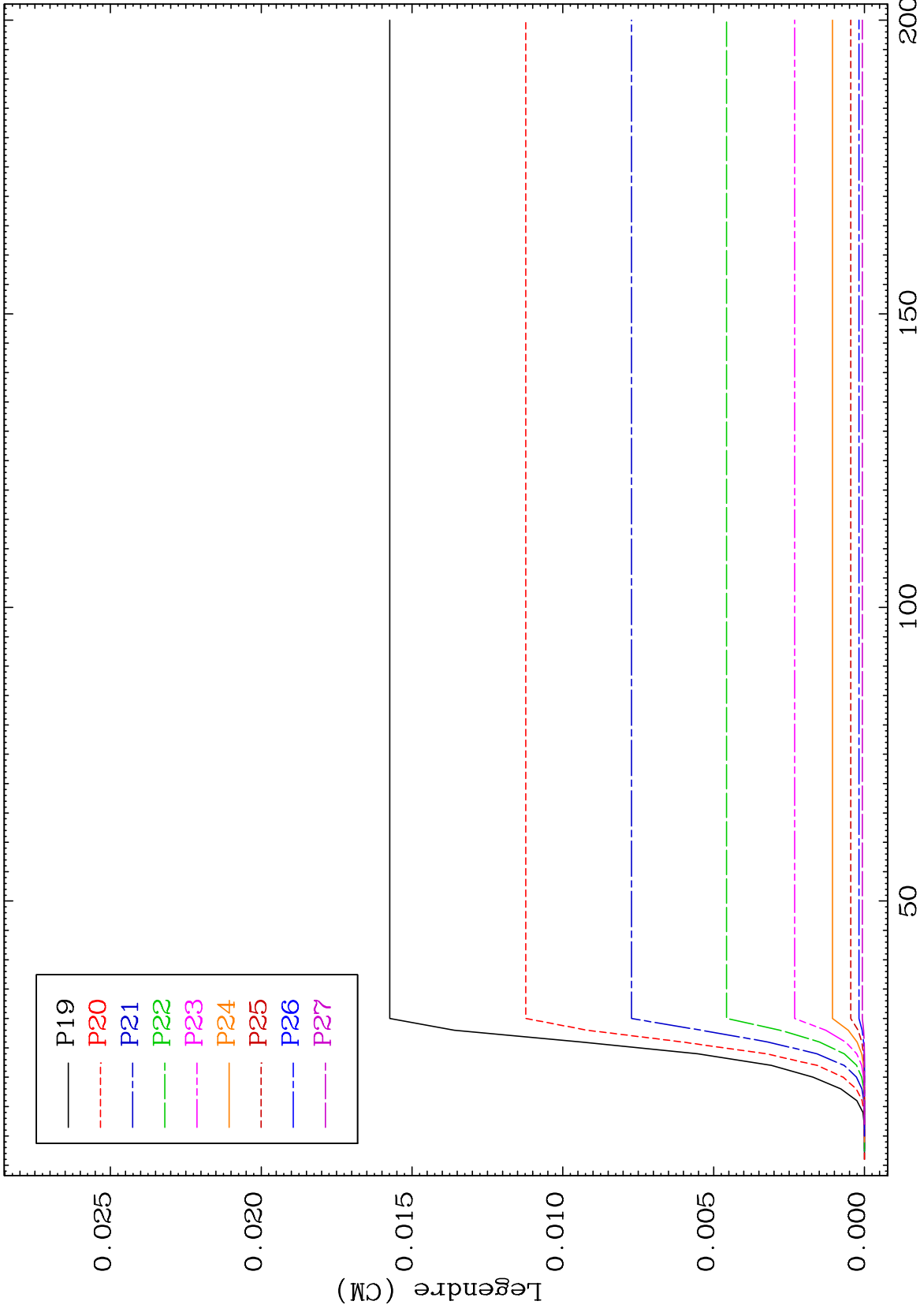
MT= 56 (n,n') Level
Legendre Coefficients

73-Ta-169



41

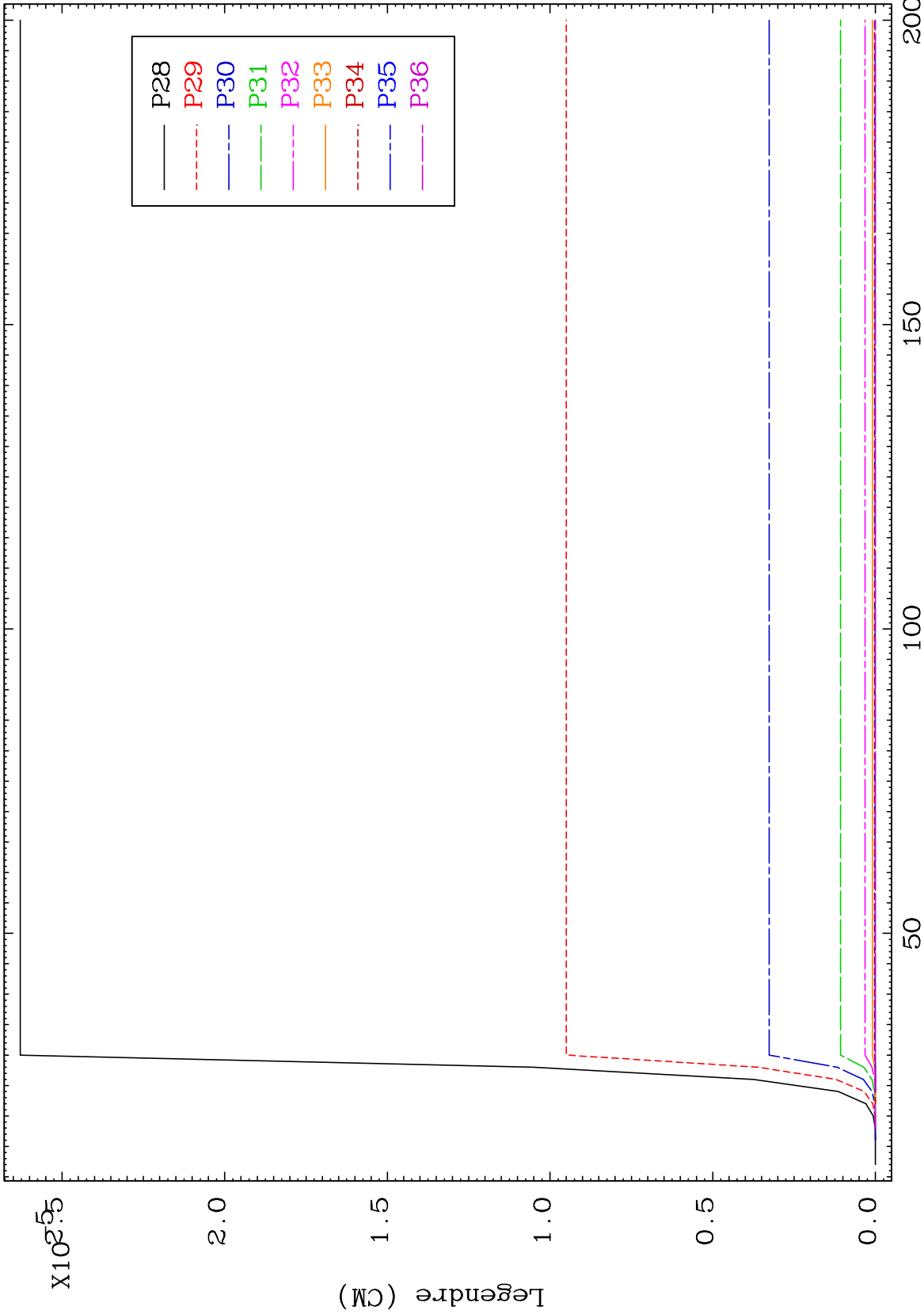
73-Ta-169



MAT 7292

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

73-Ta-169



43

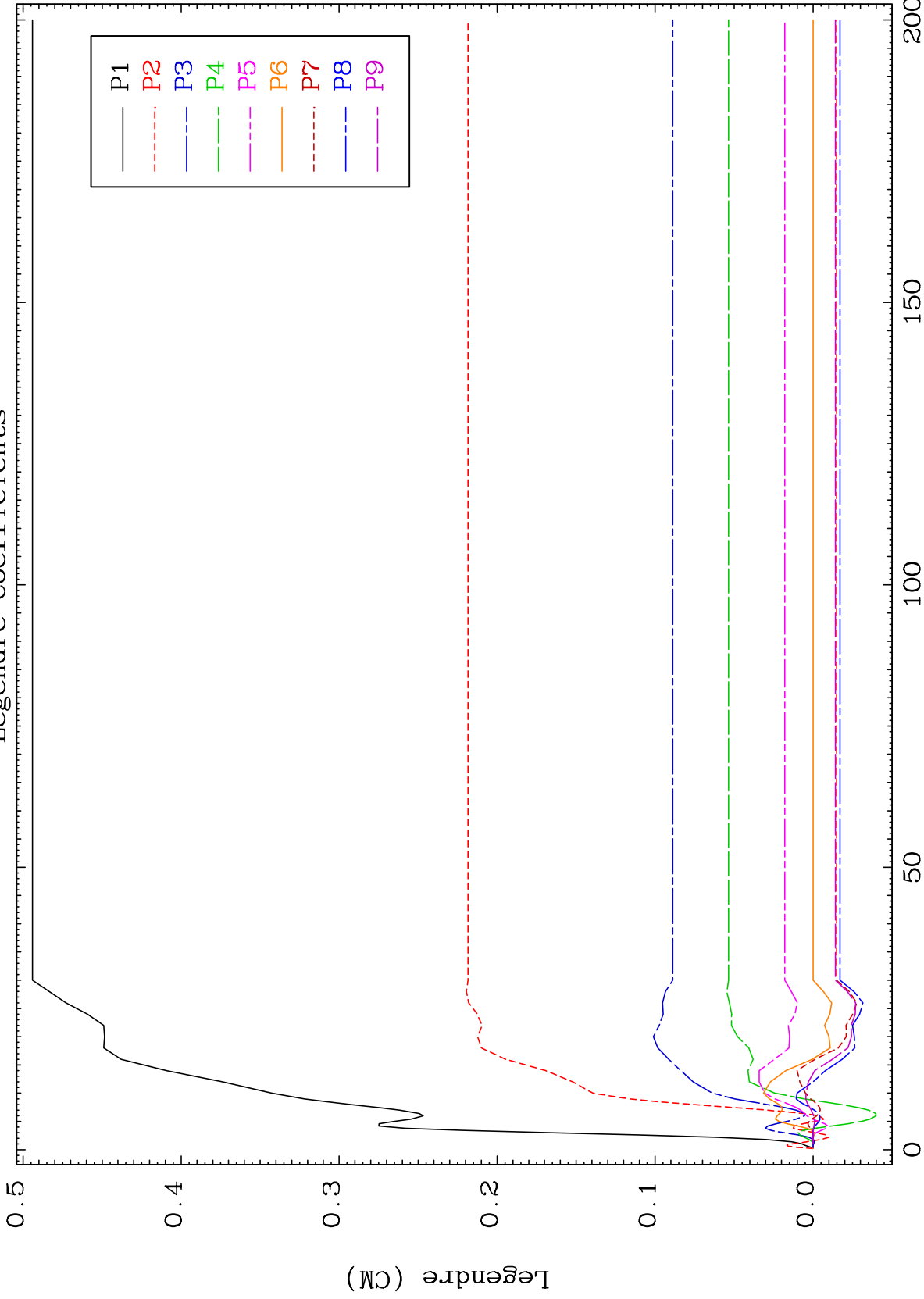
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



44

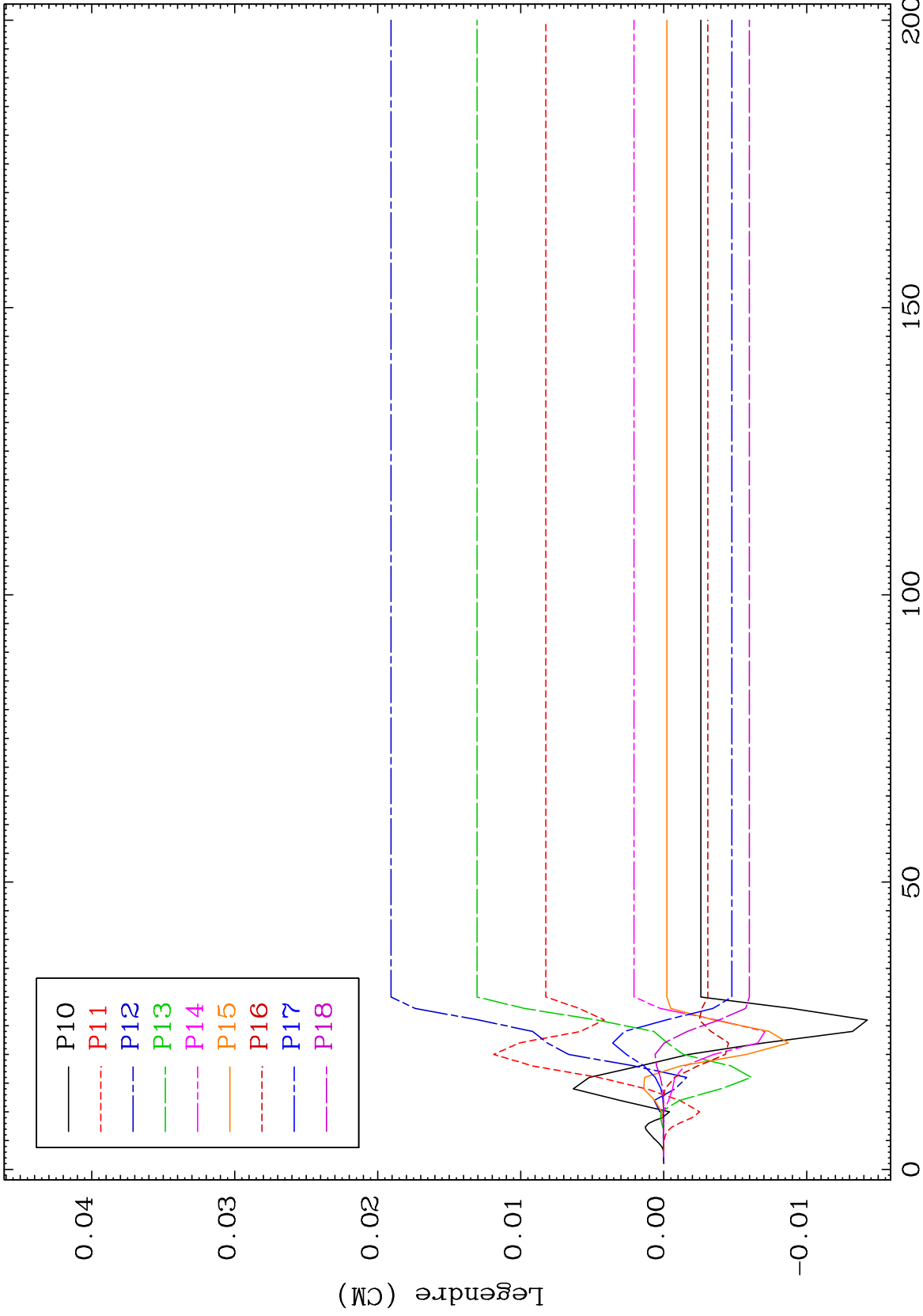
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



45

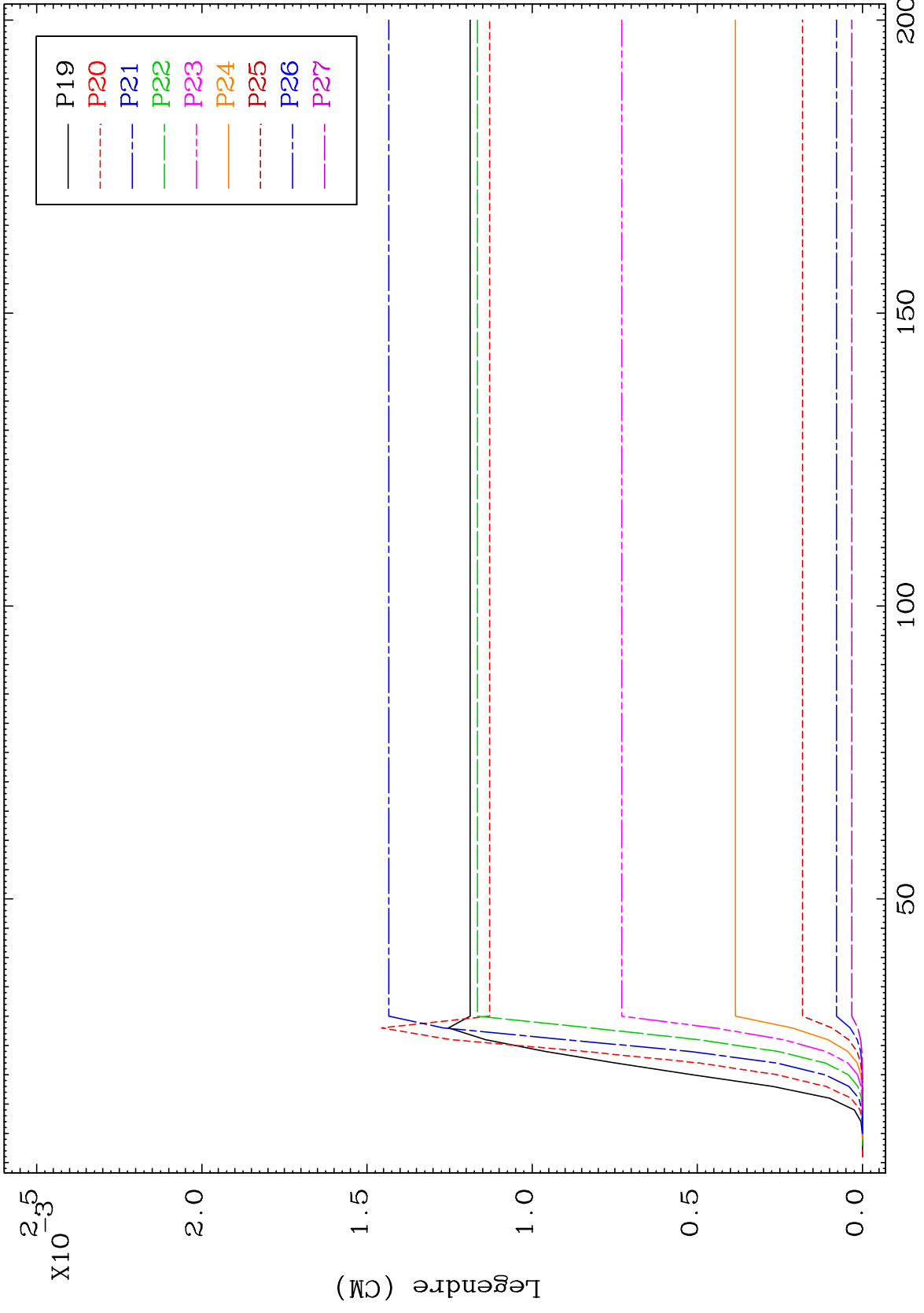
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



46

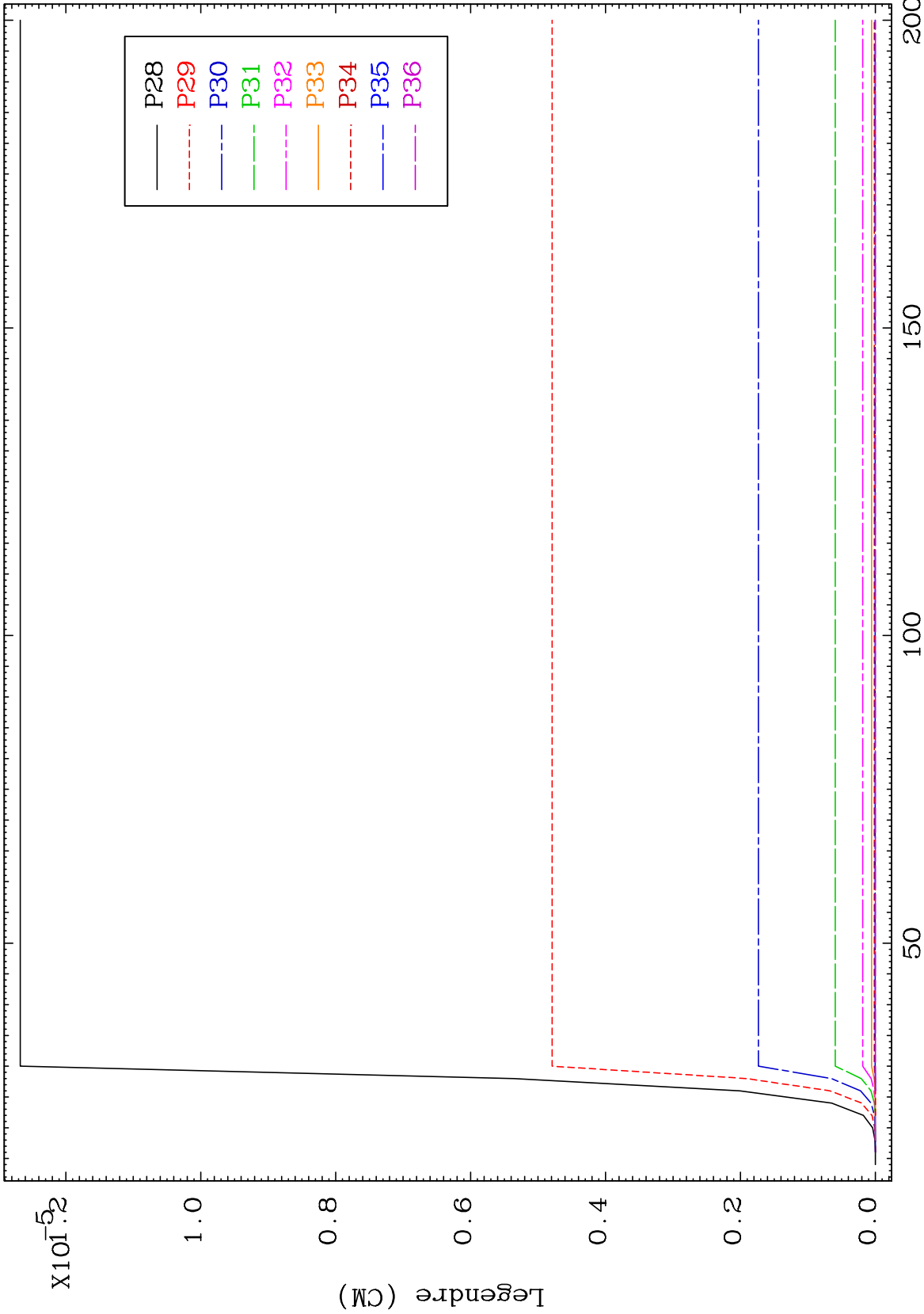
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



47

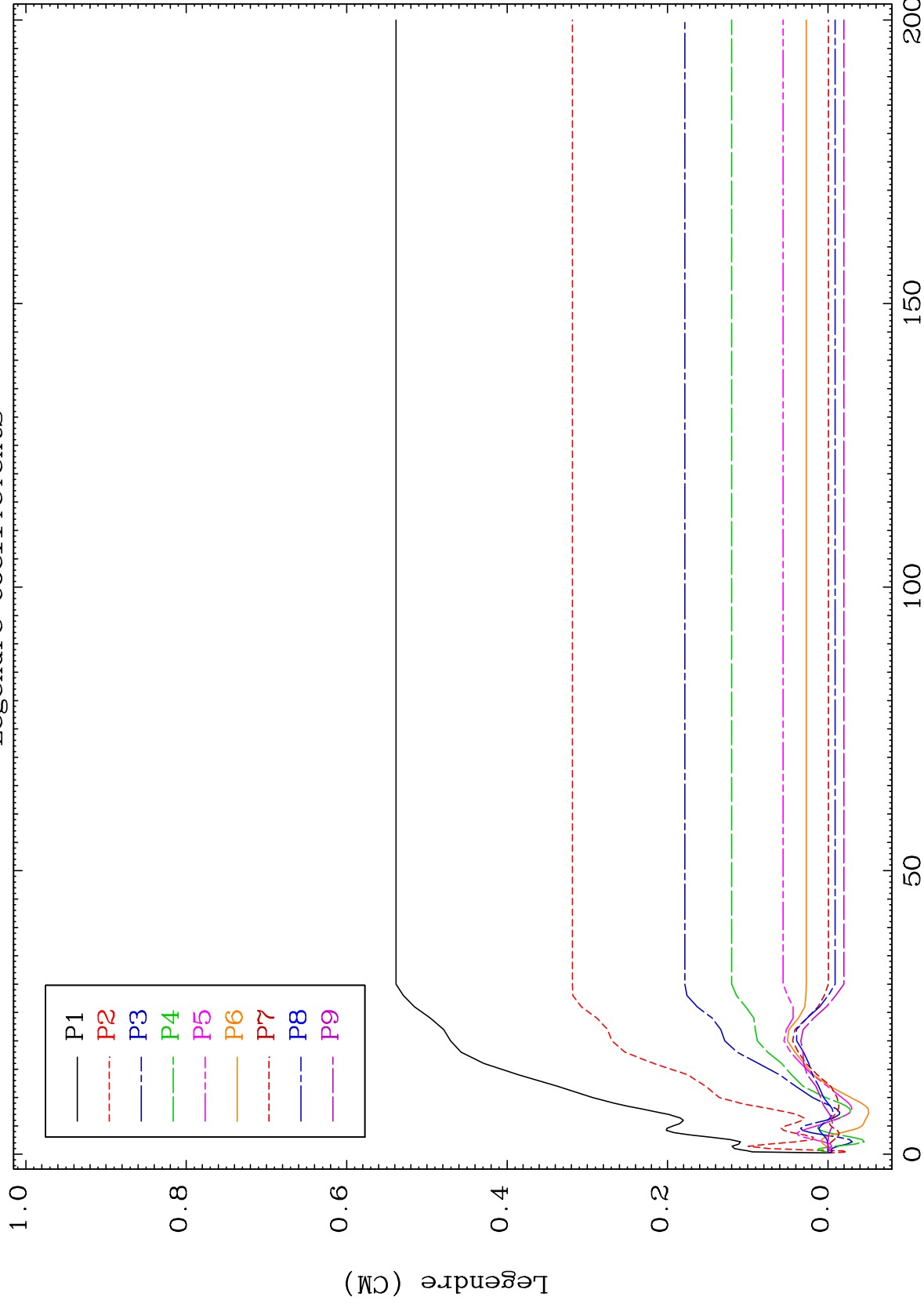
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



48

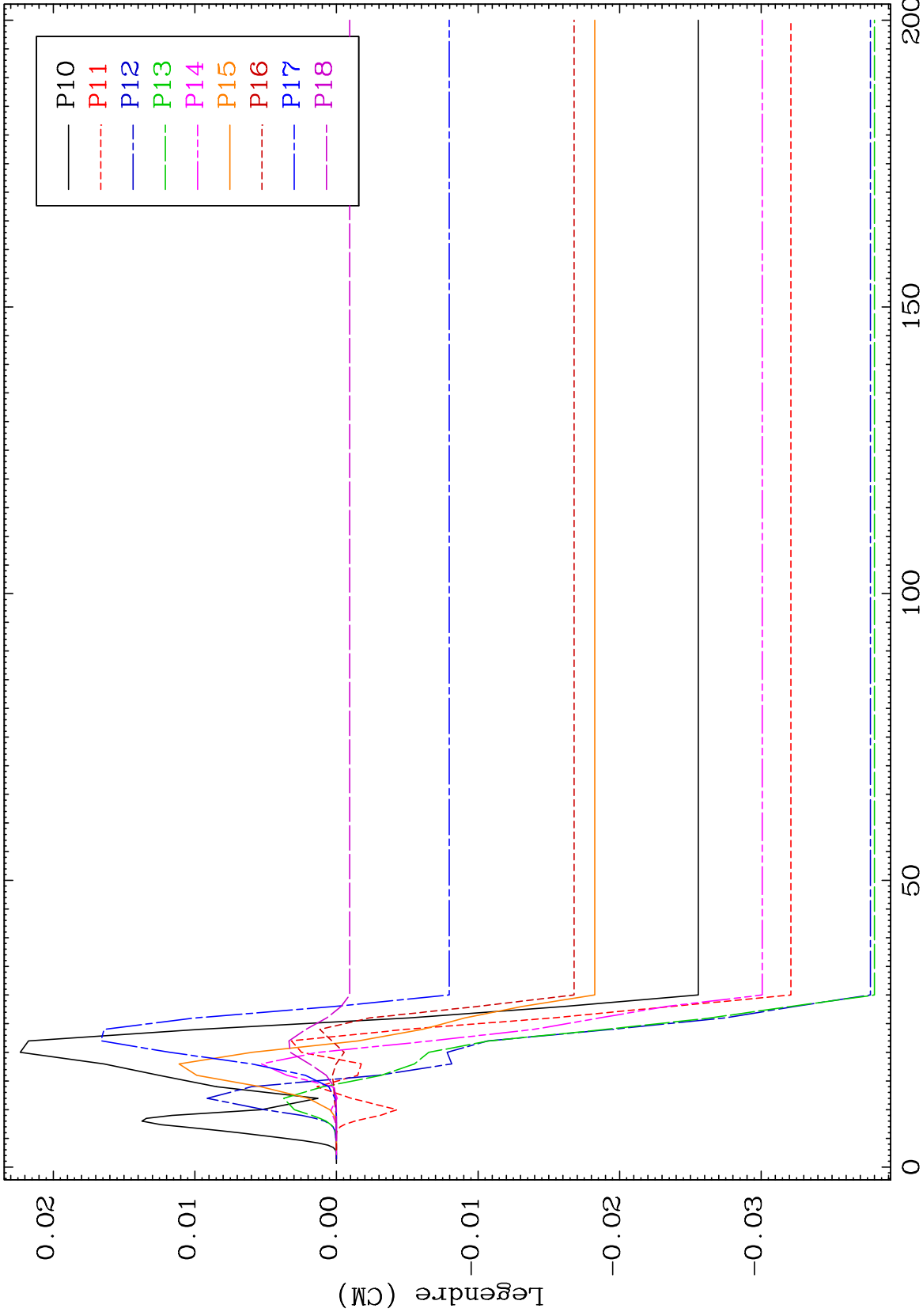
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



49

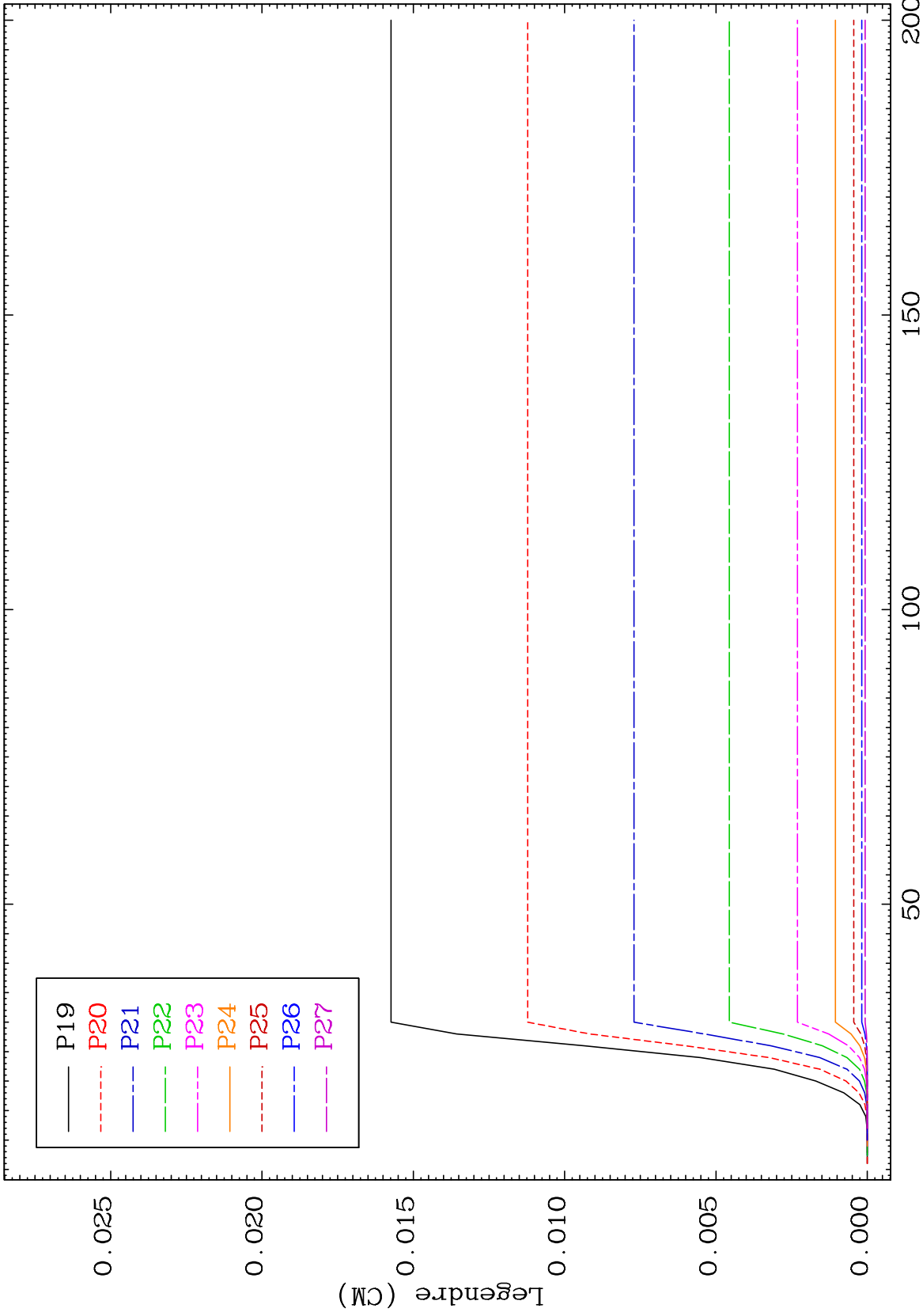
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



50

Incident Energy (MeV)

150

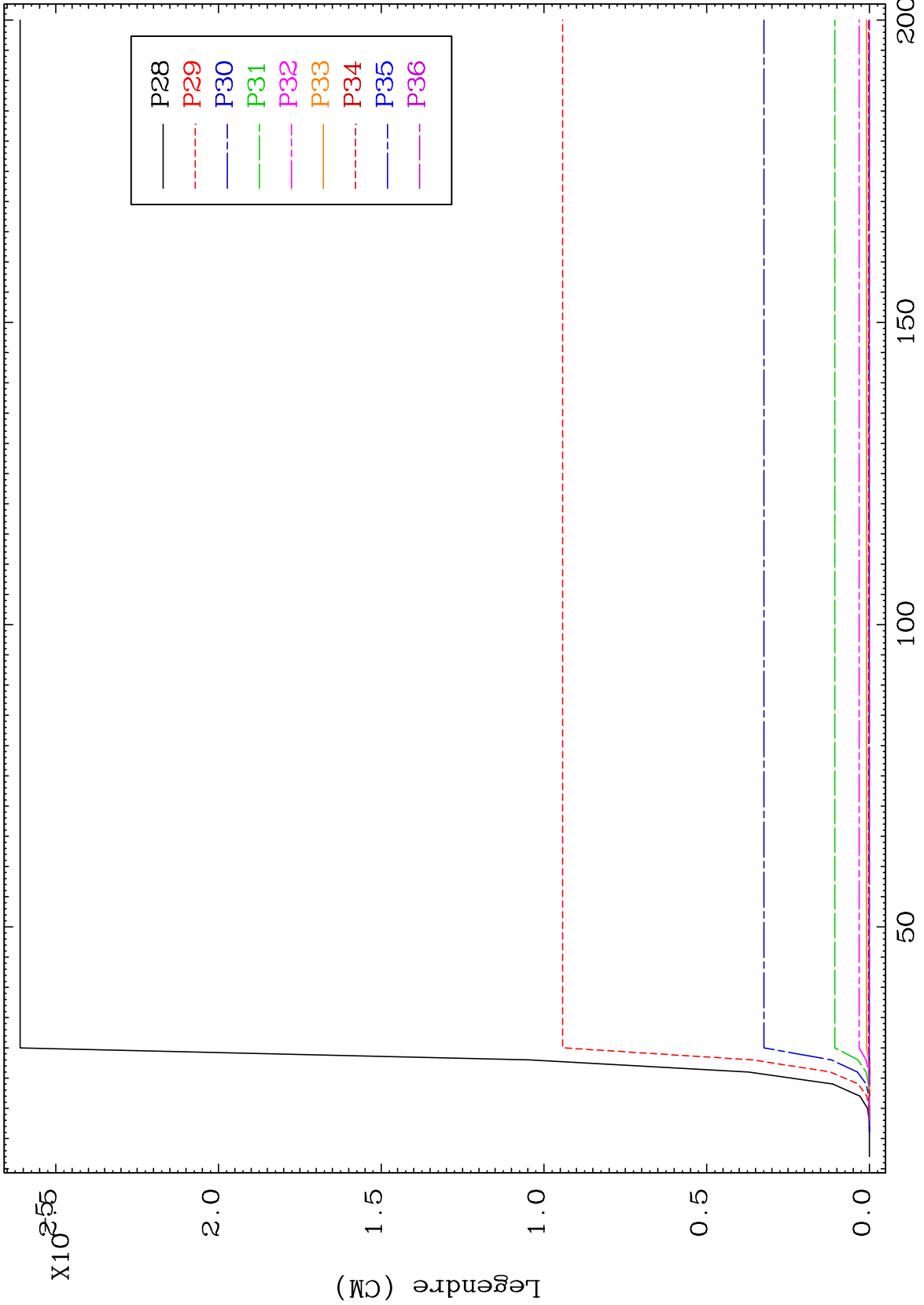
73-Ta-169

200

MAT 7292

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

73-Ta-169



51

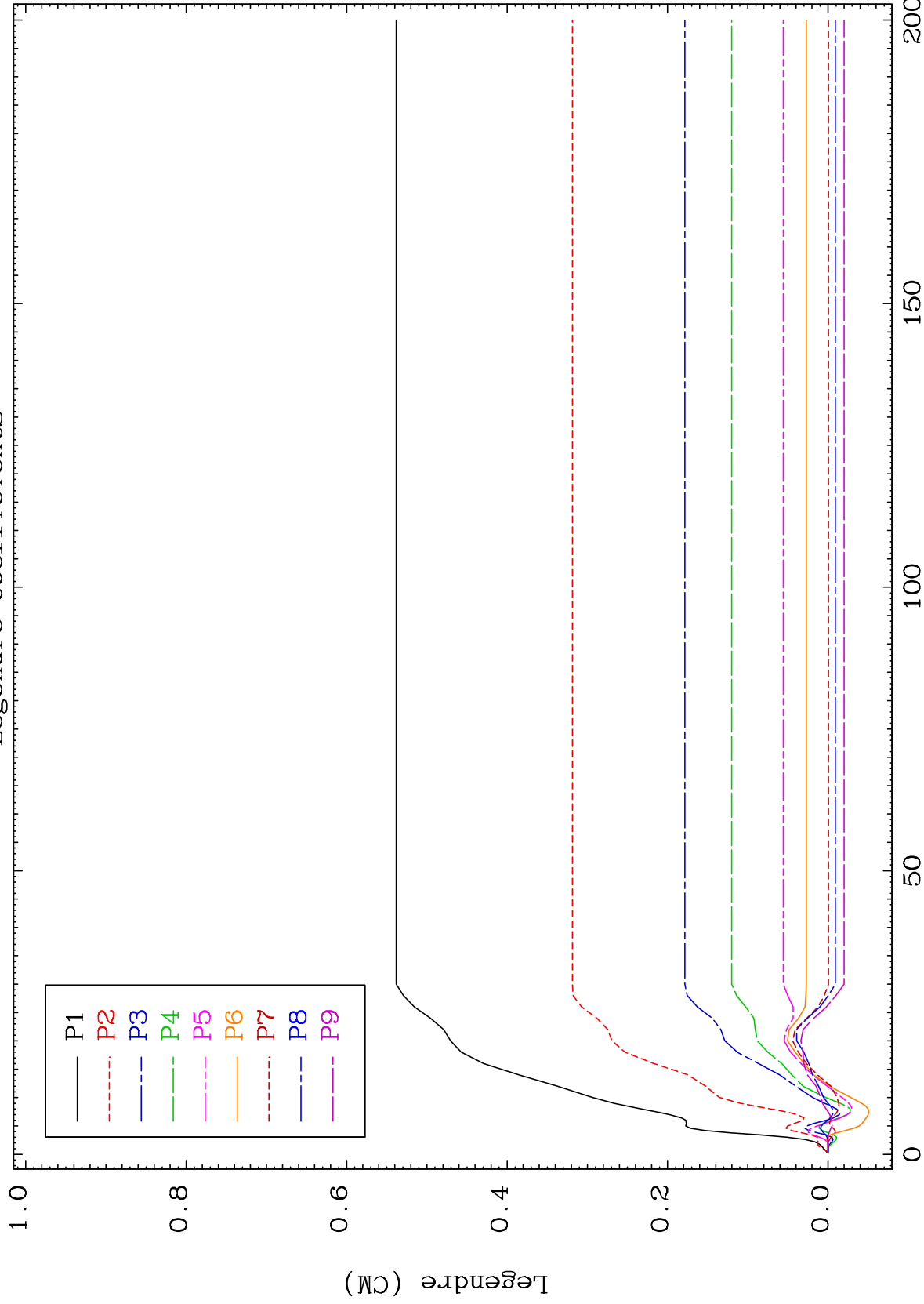
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



52

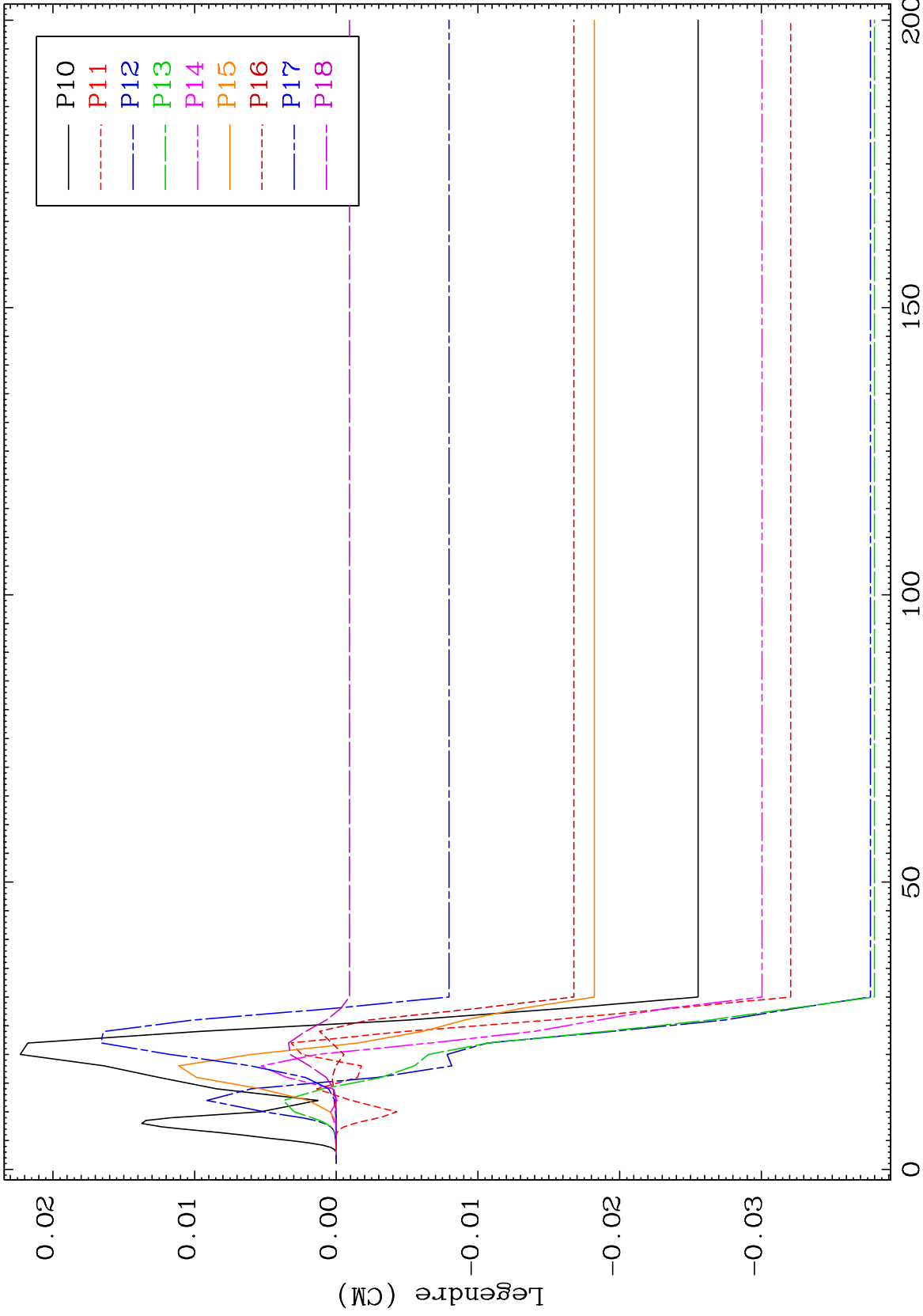
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

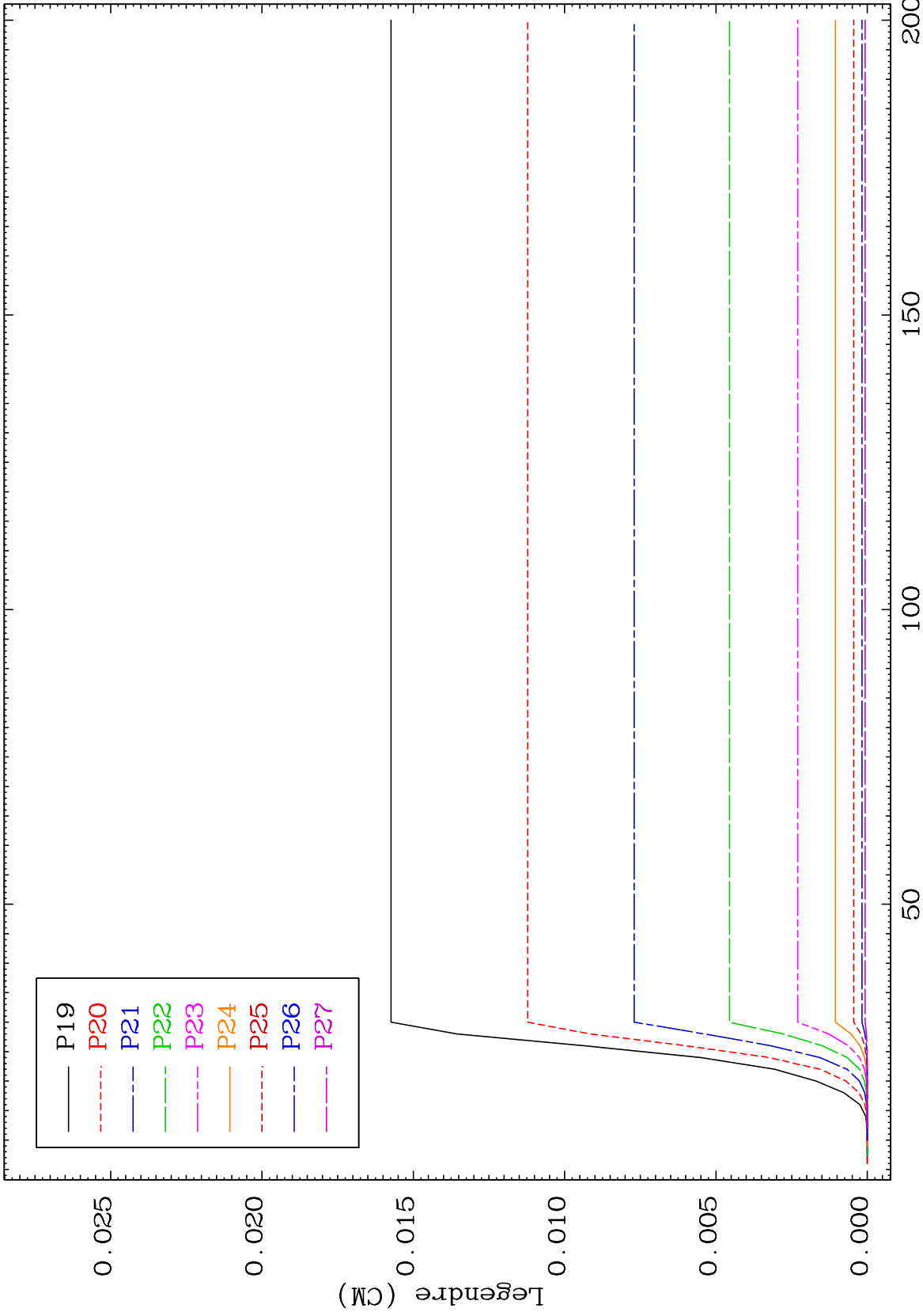
73-Ta-169



53

Incident Energy (MeV)

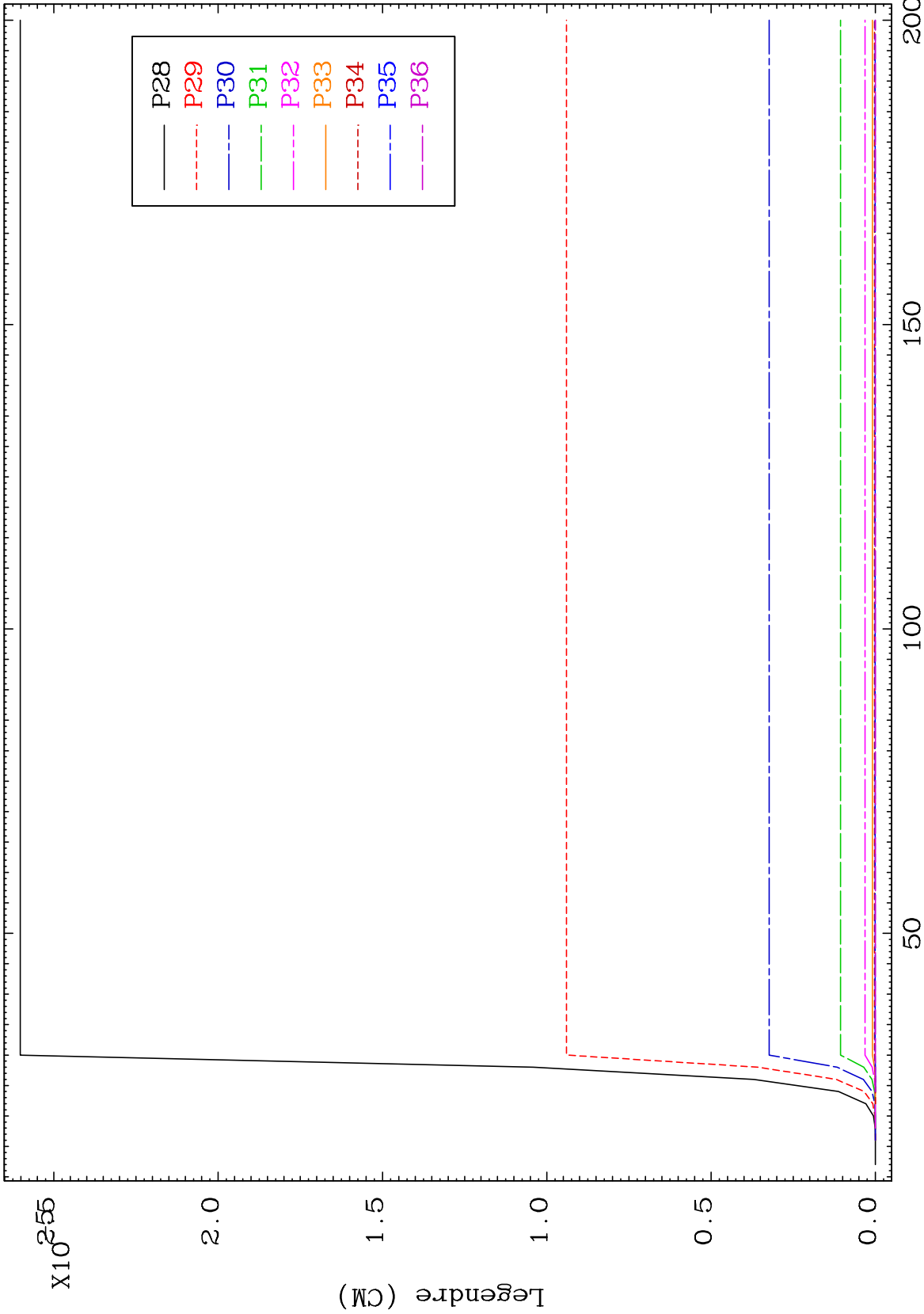
73-Ta-169



MAT 7292

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

73-Ta-169



55

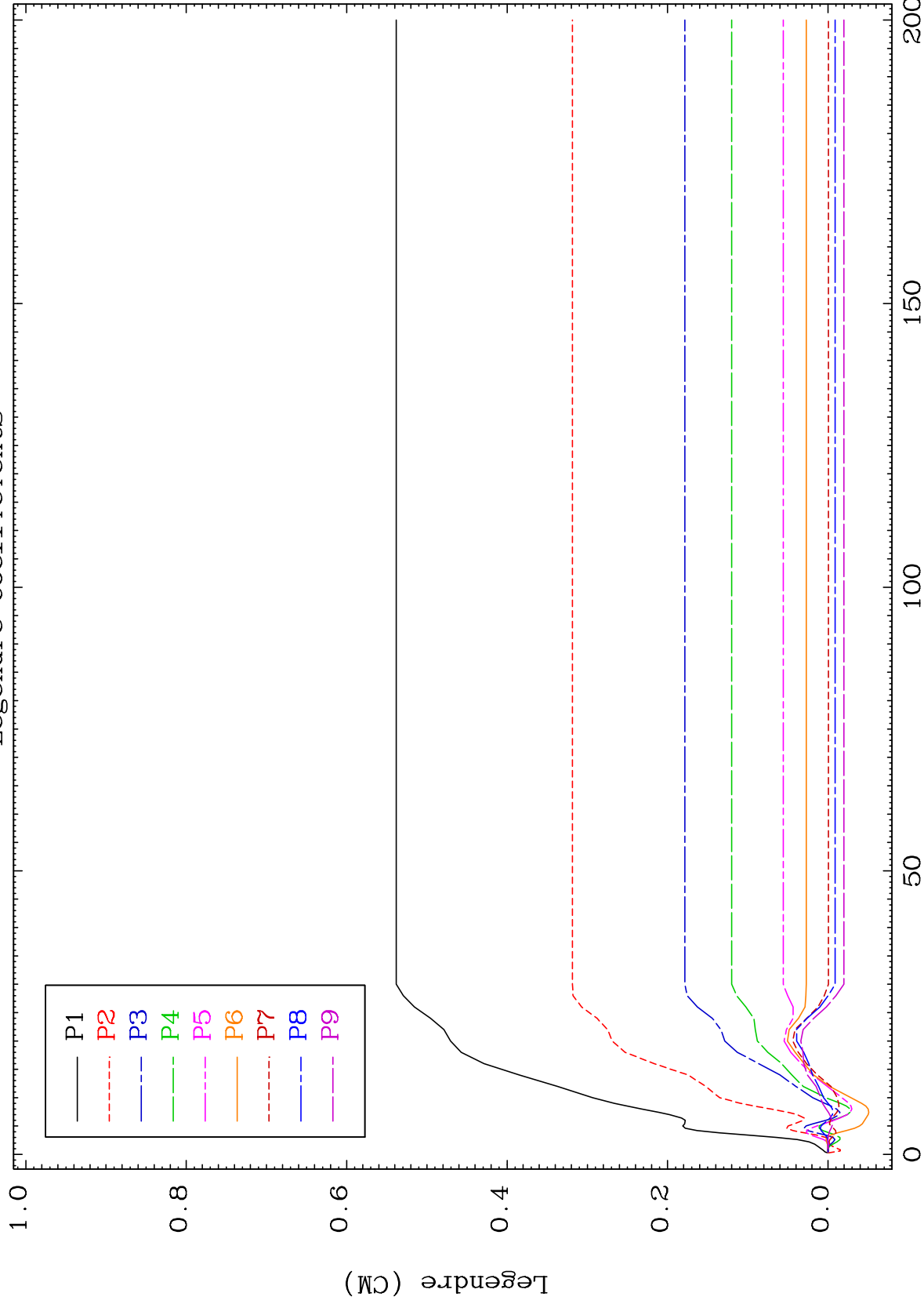
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



56

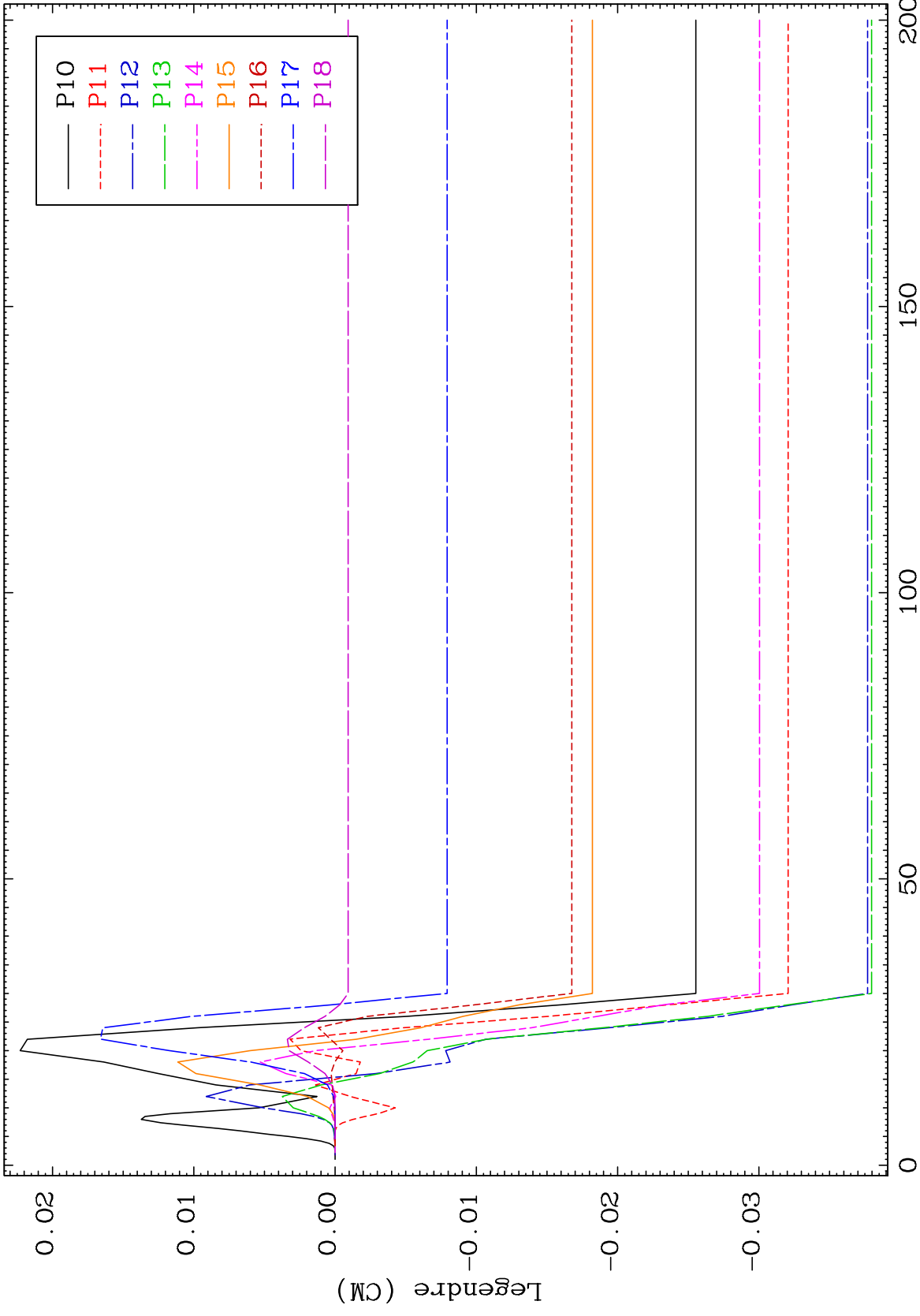
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

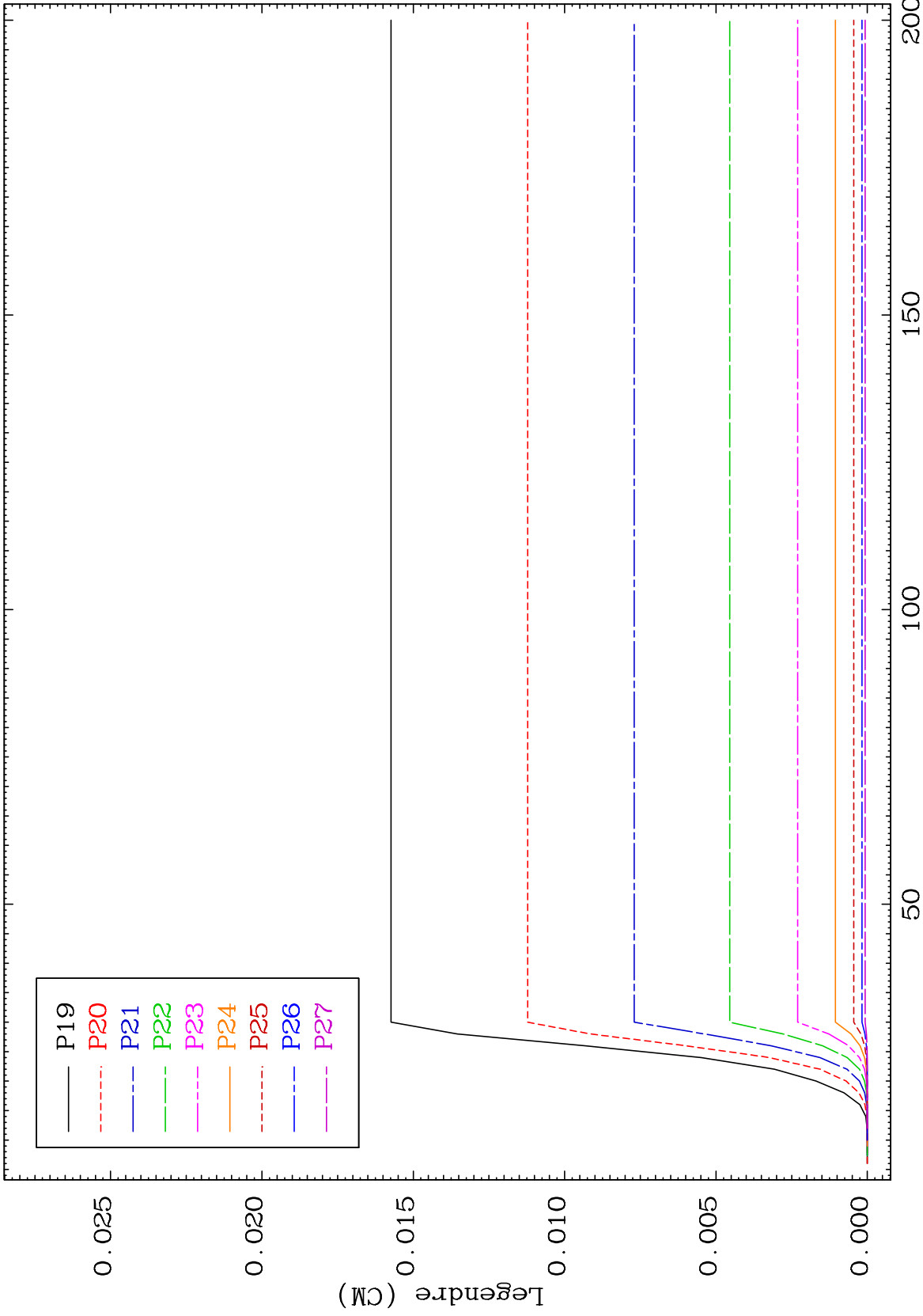
73-Ta-169



57

Incident Energy (MeV)

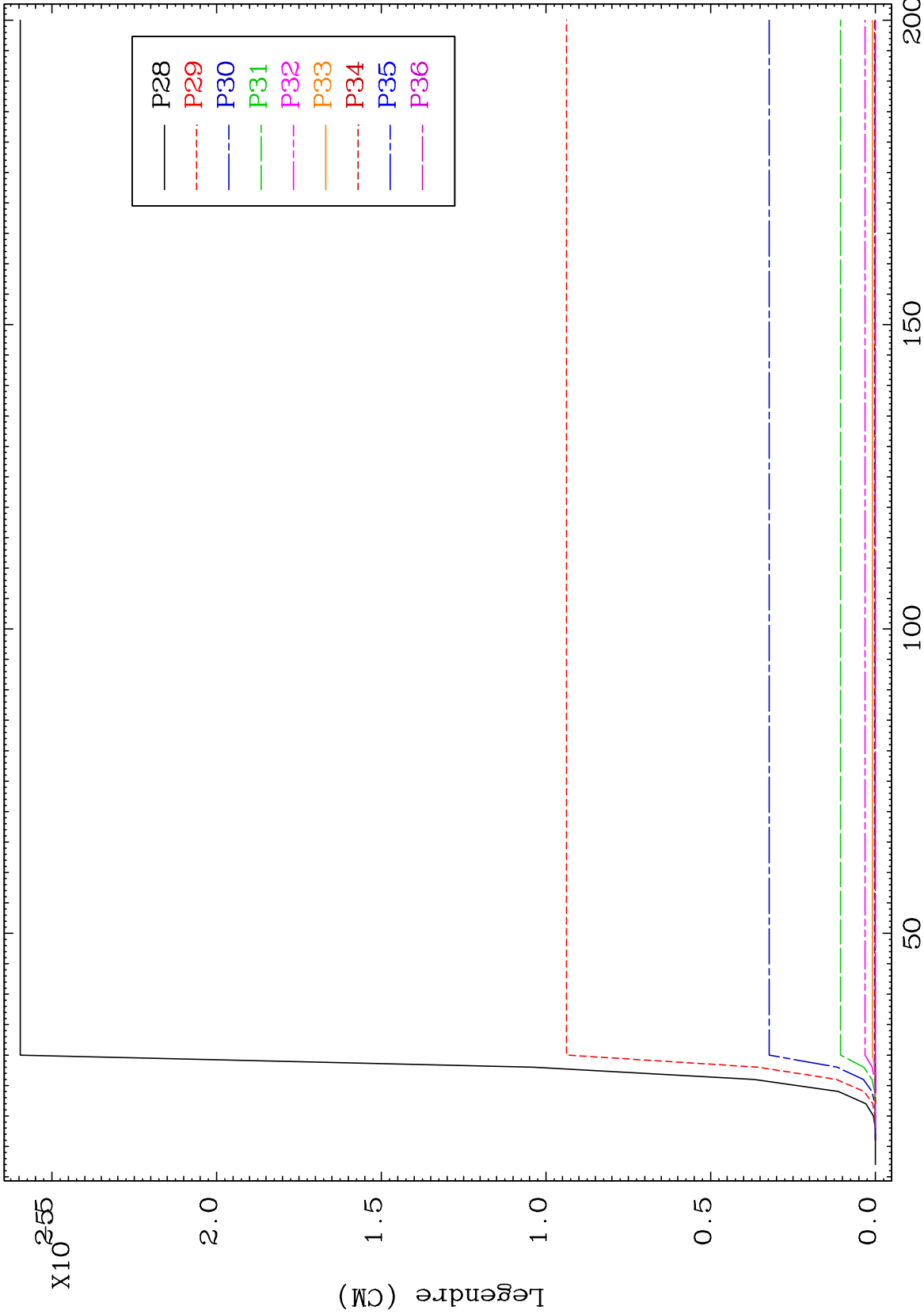
73-Ta-169



MAT 7292

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

73-Ta-169



59

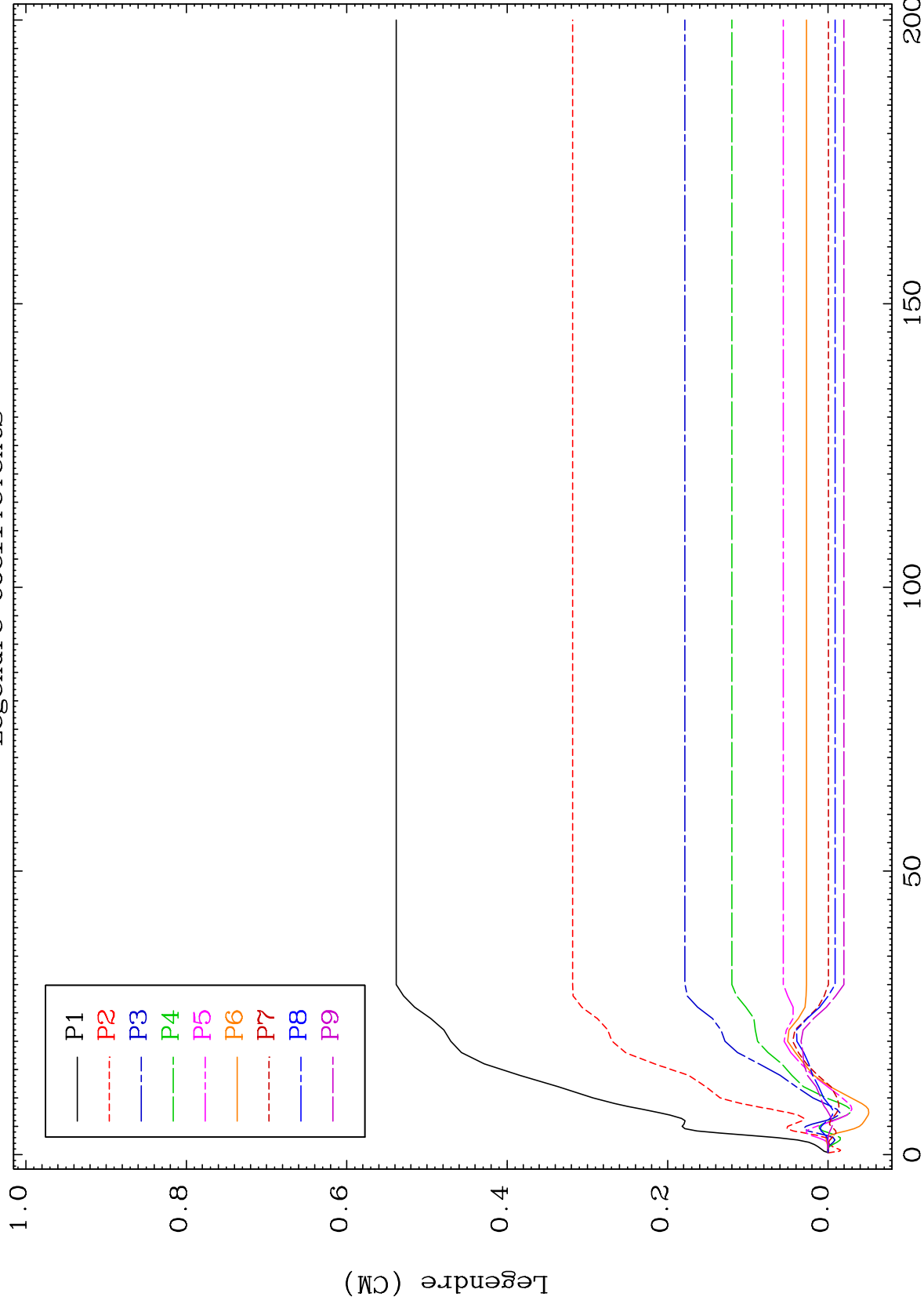
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

⁷³Ta-169



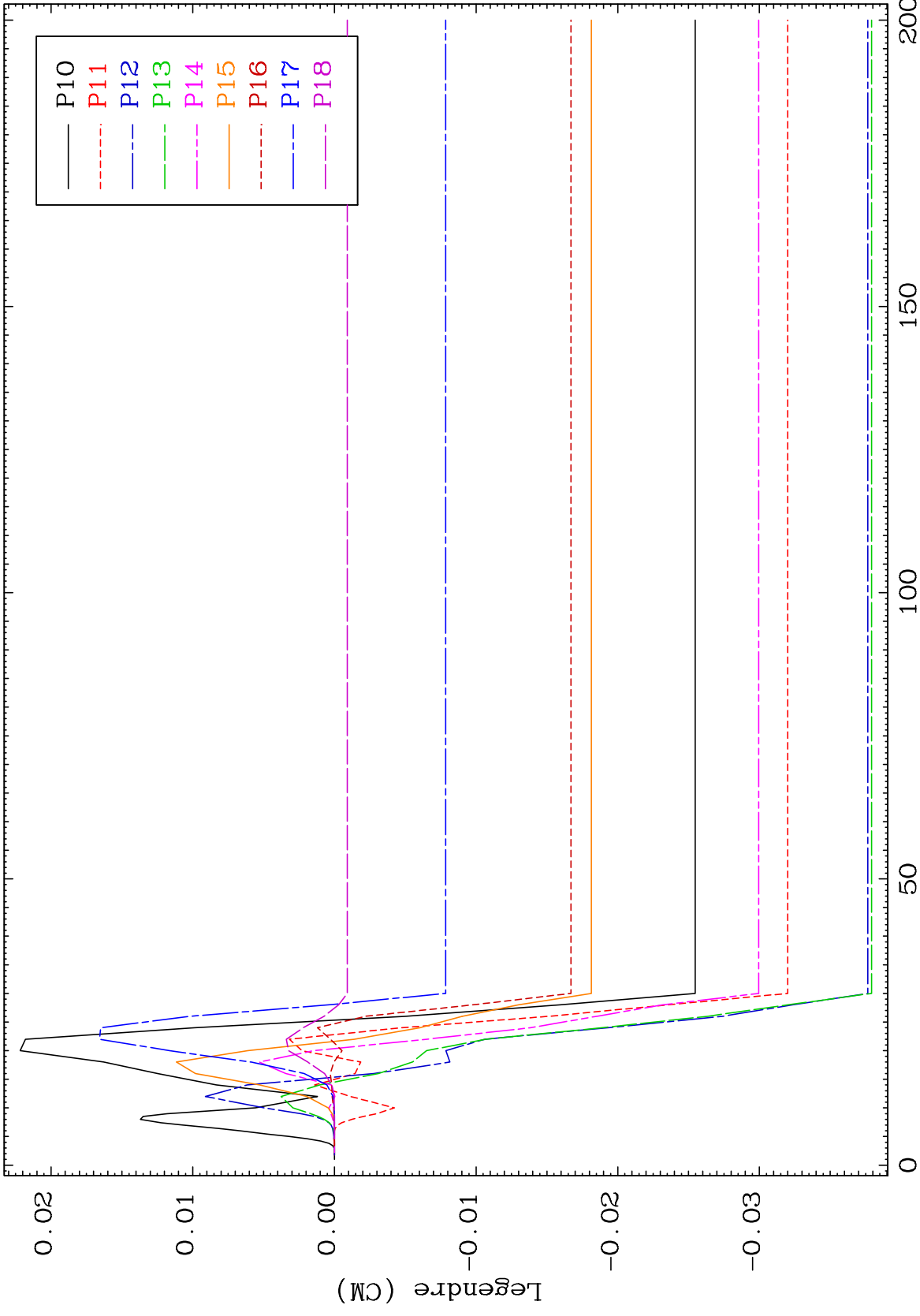
⁷³Ta-169

Incident Energy (MeV)

MAT 7292

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

73-Ta-169



61

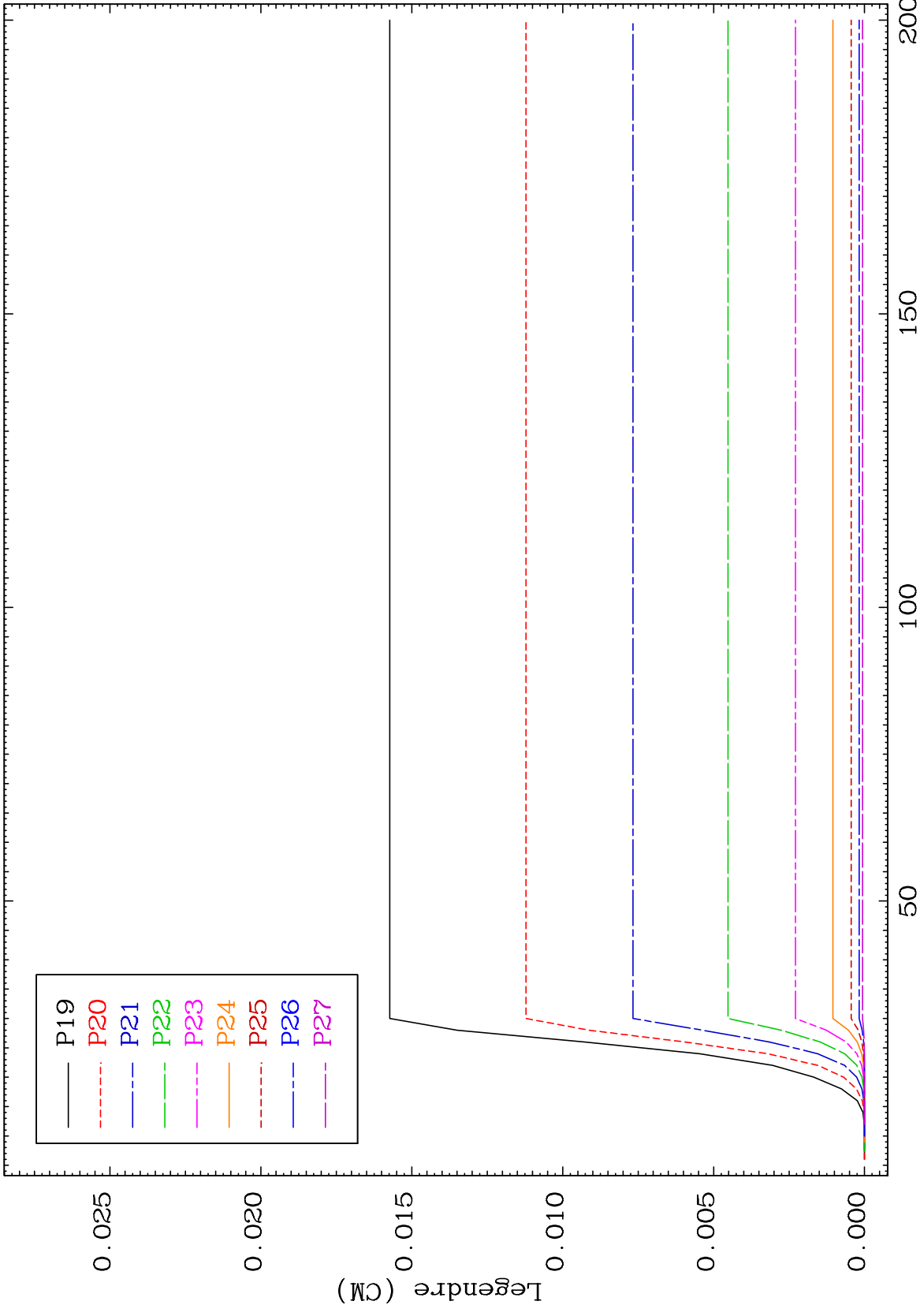
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



62

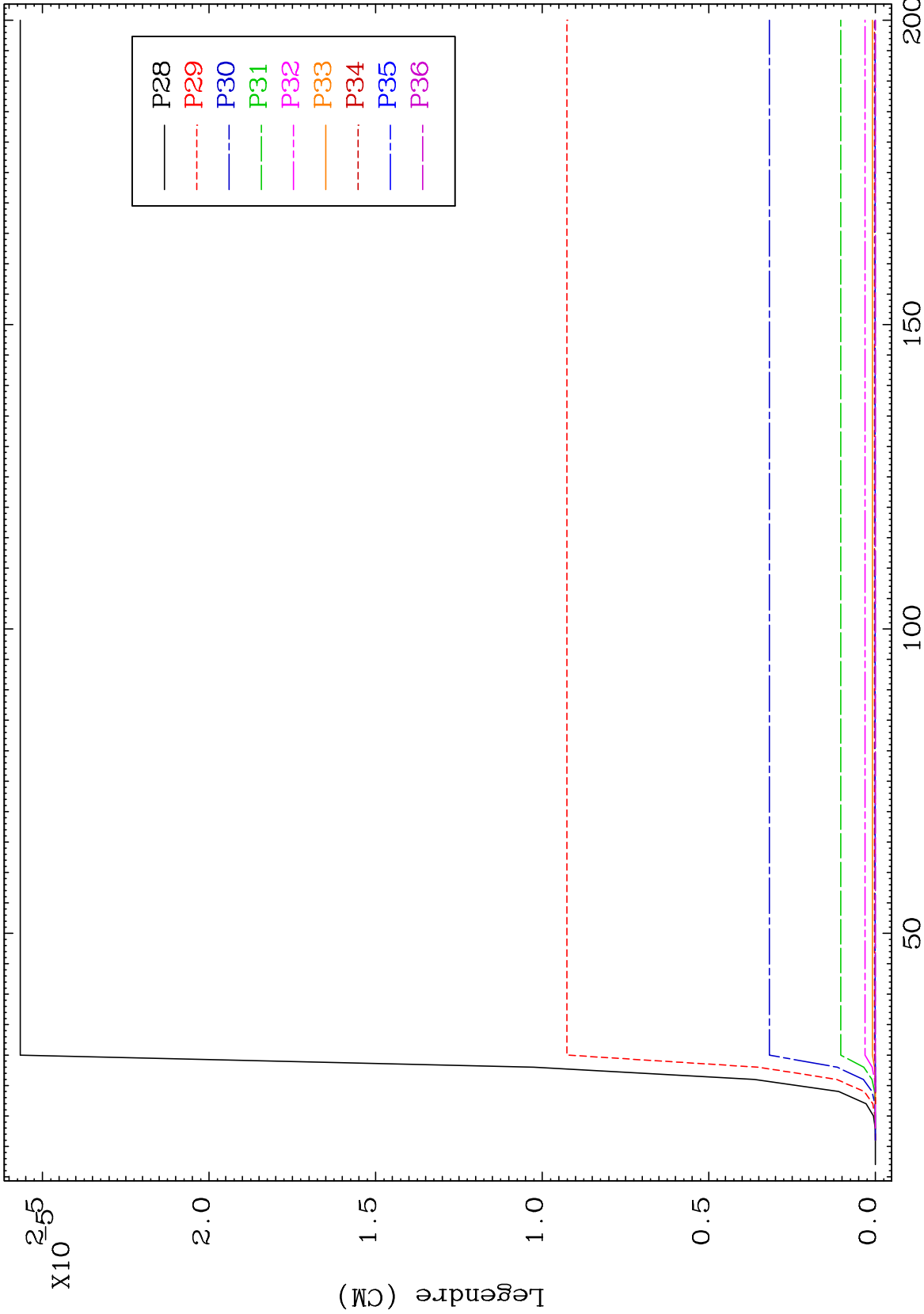
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



63

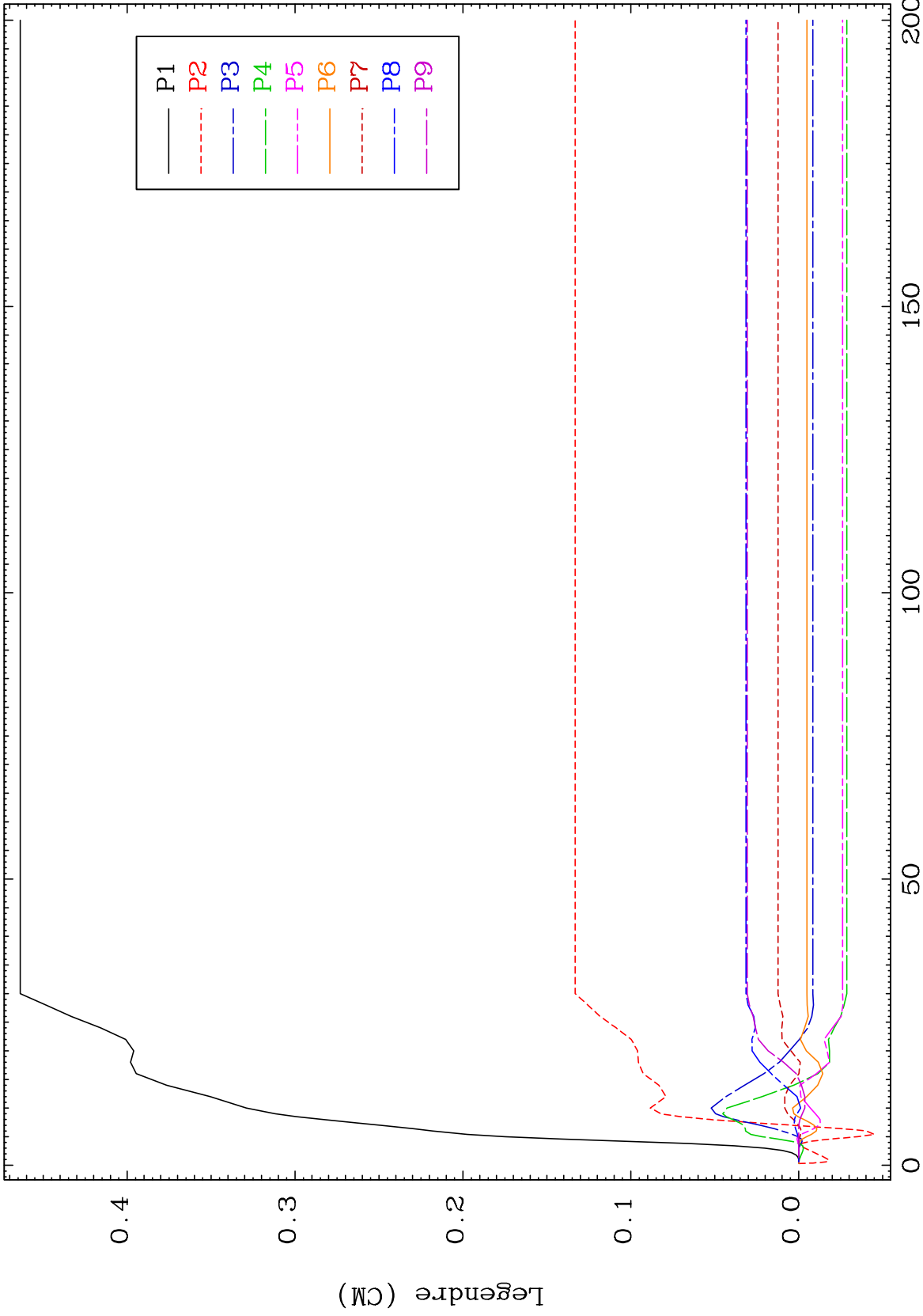
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



64

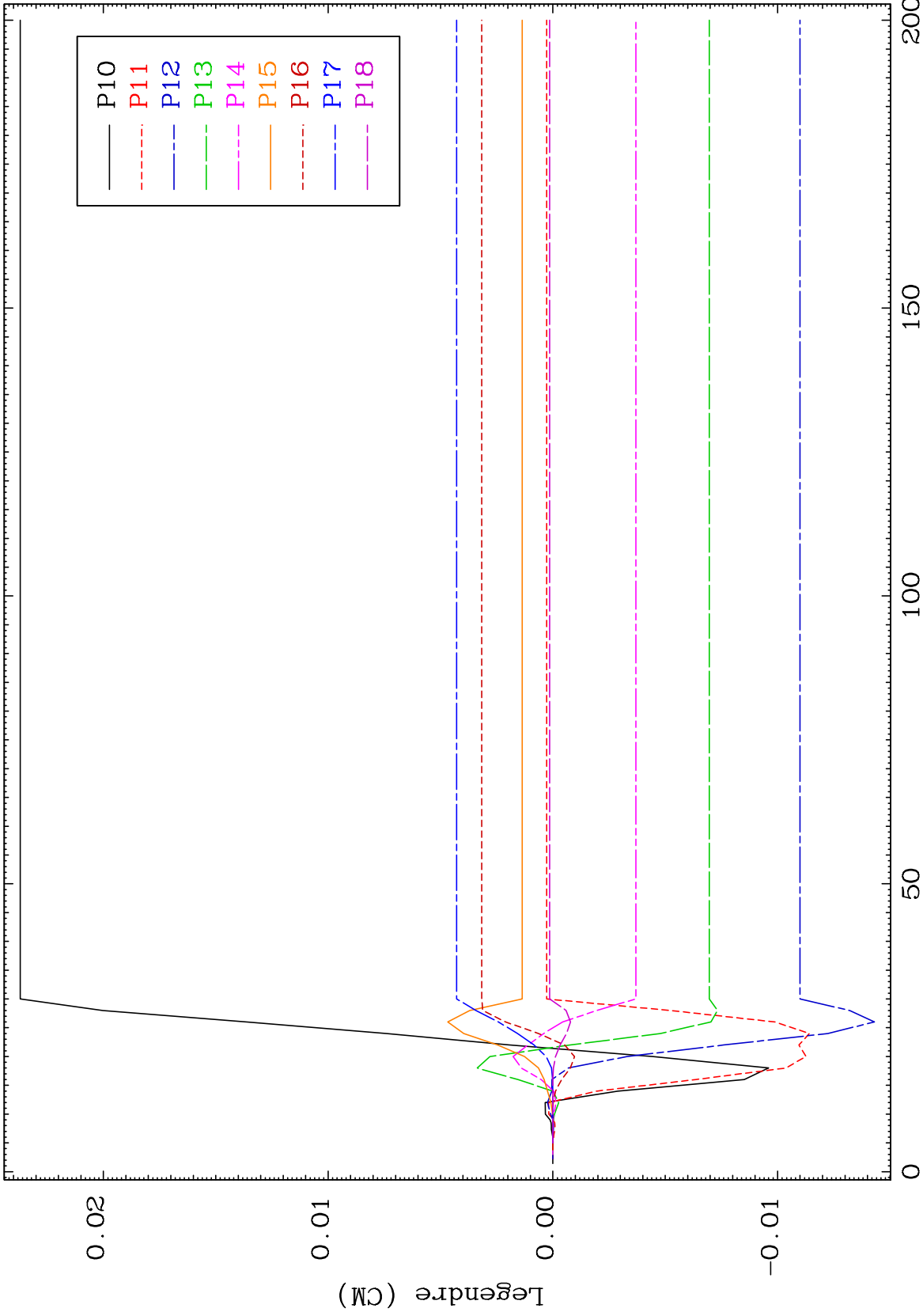
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



65

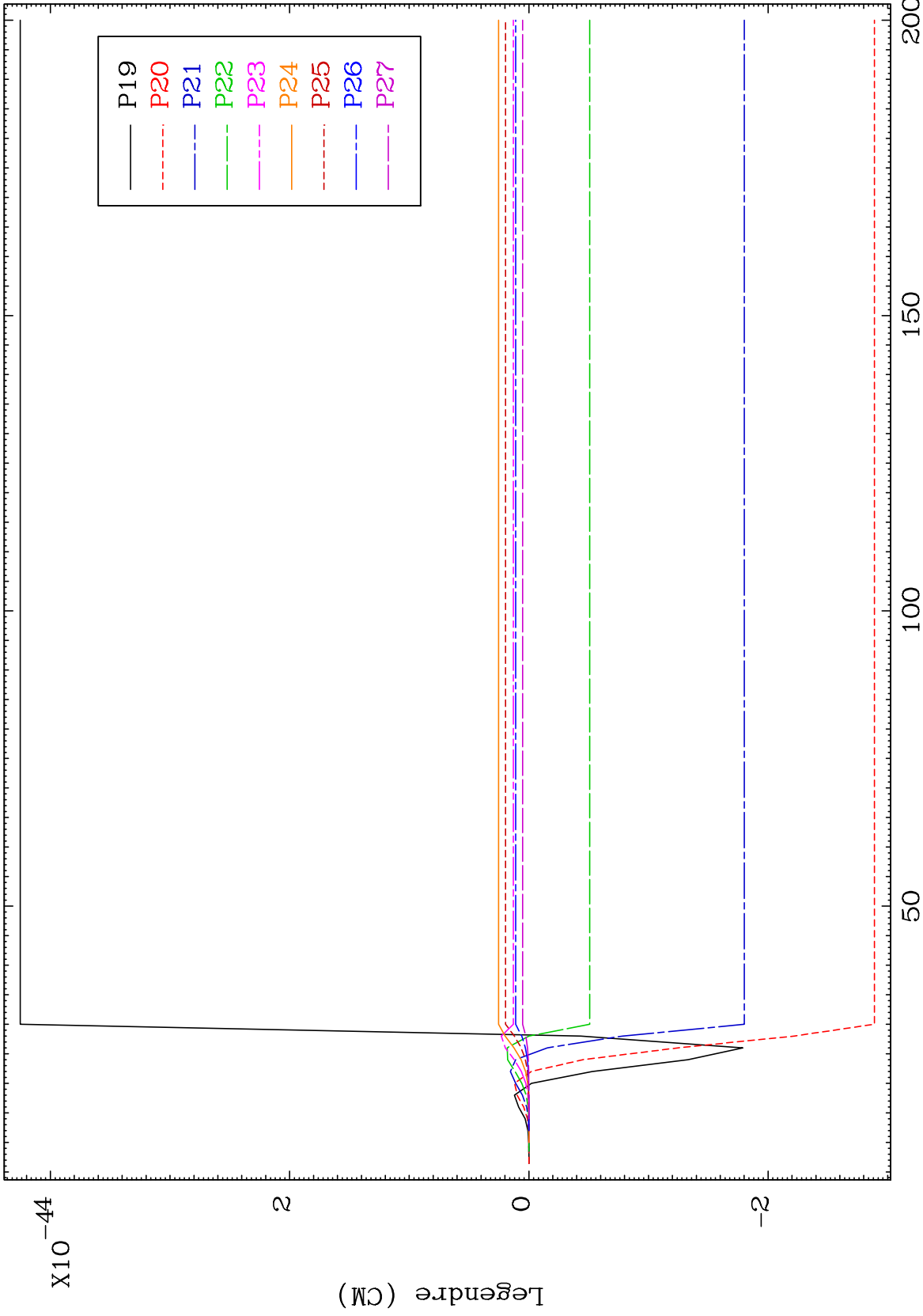
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



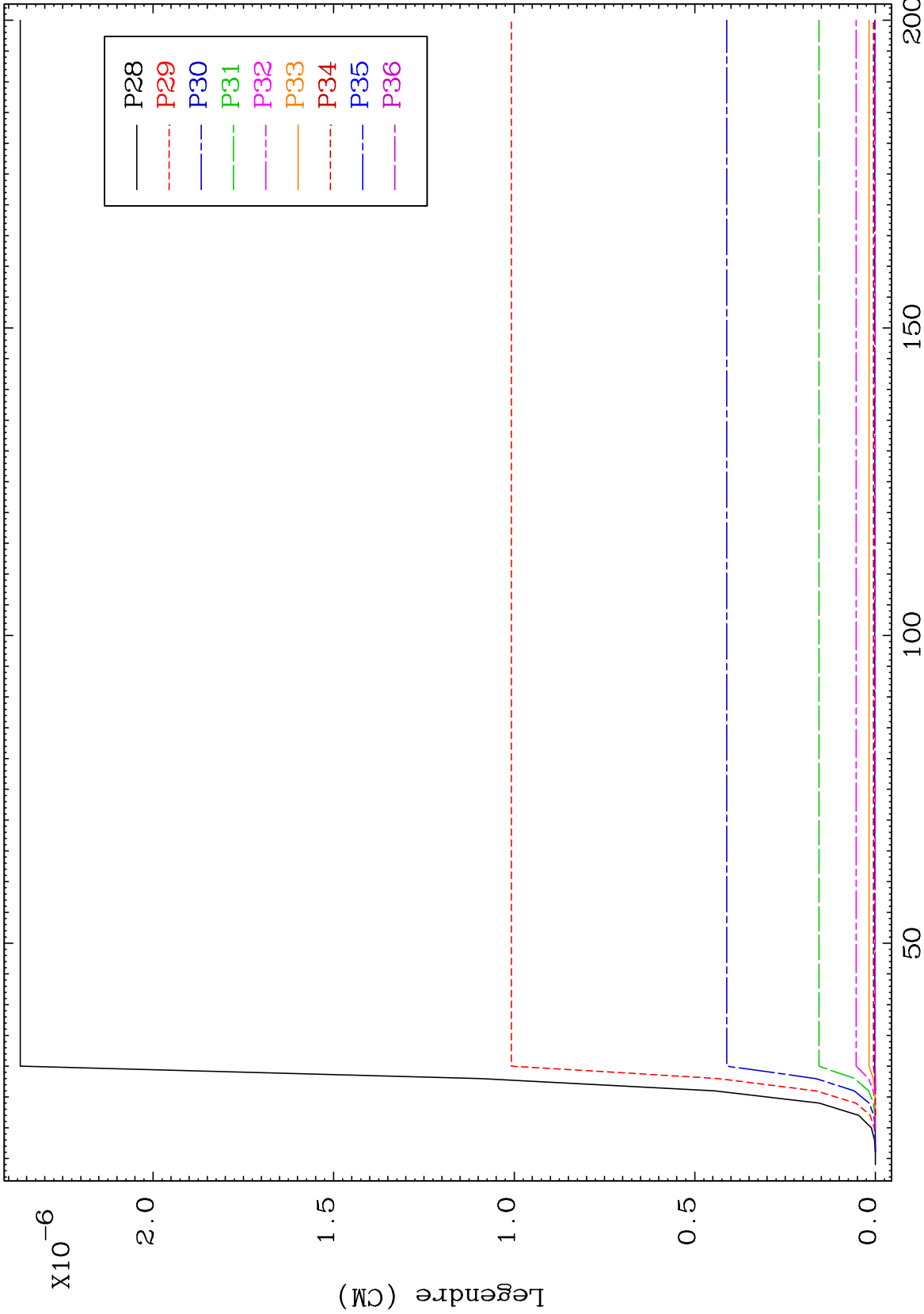
66

73-Ta-169

MAT 7292

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

73-Ta-169



67

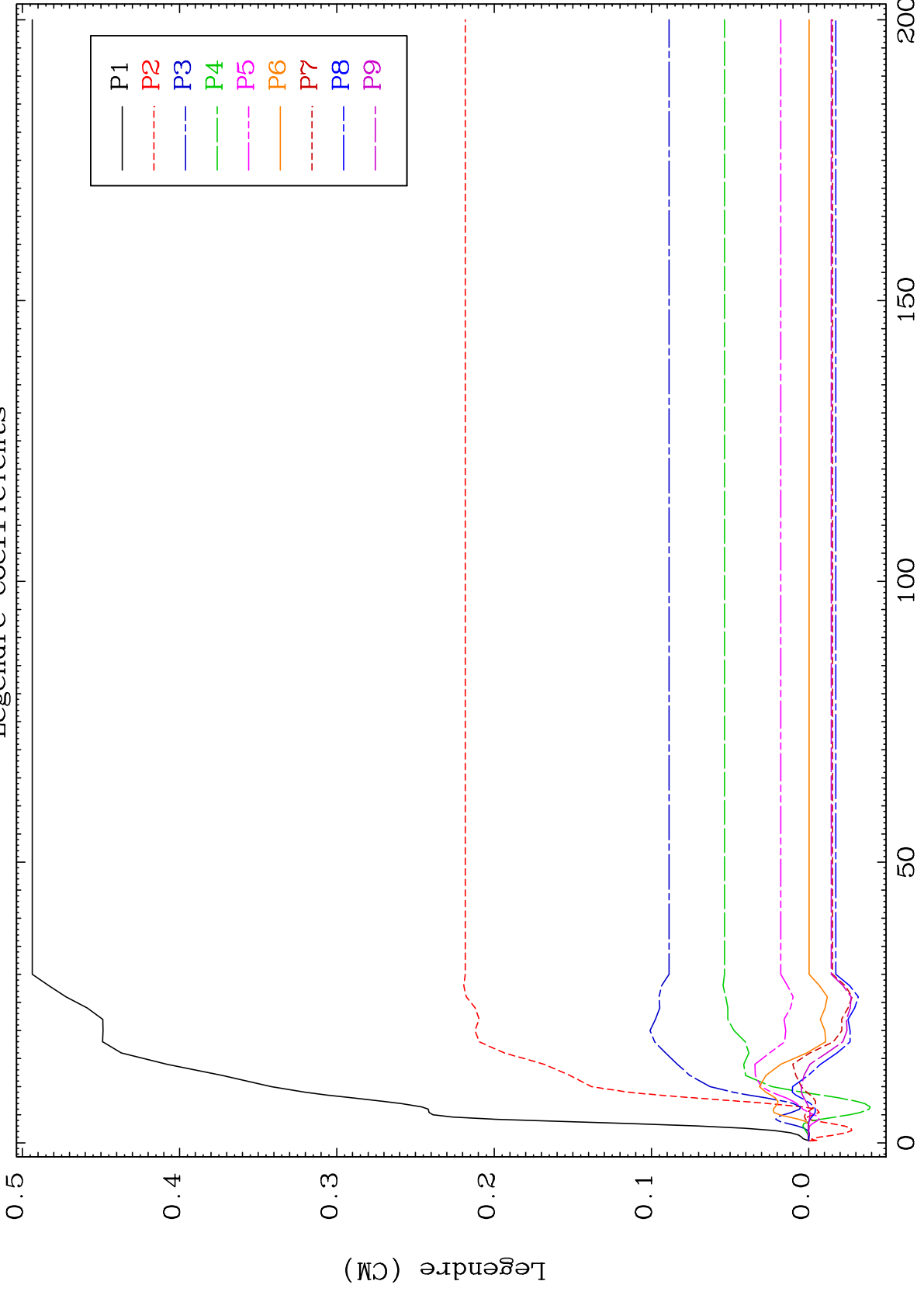
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



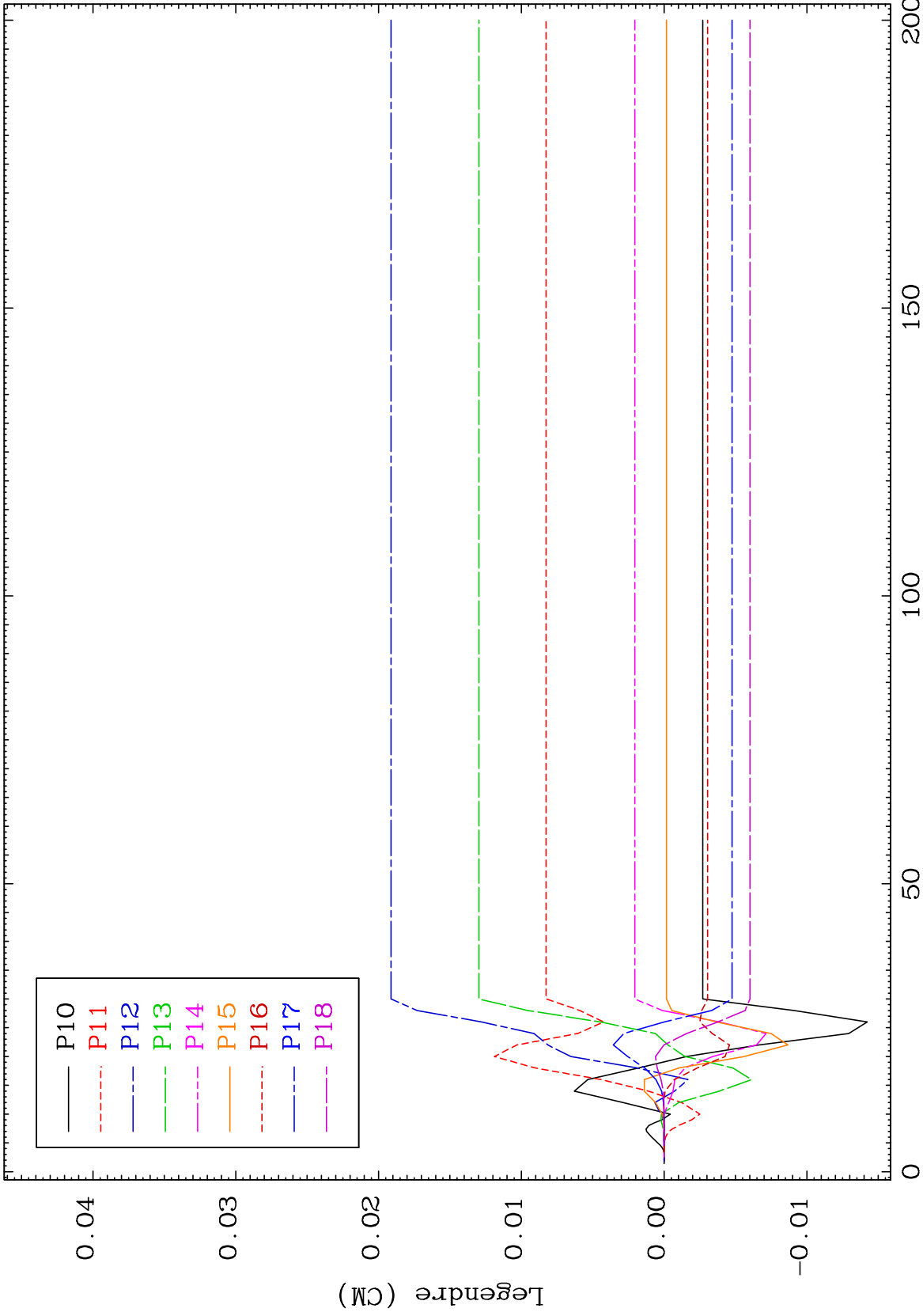
68

73-Ta-169

MAT 7292

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

73-Ta-169



69

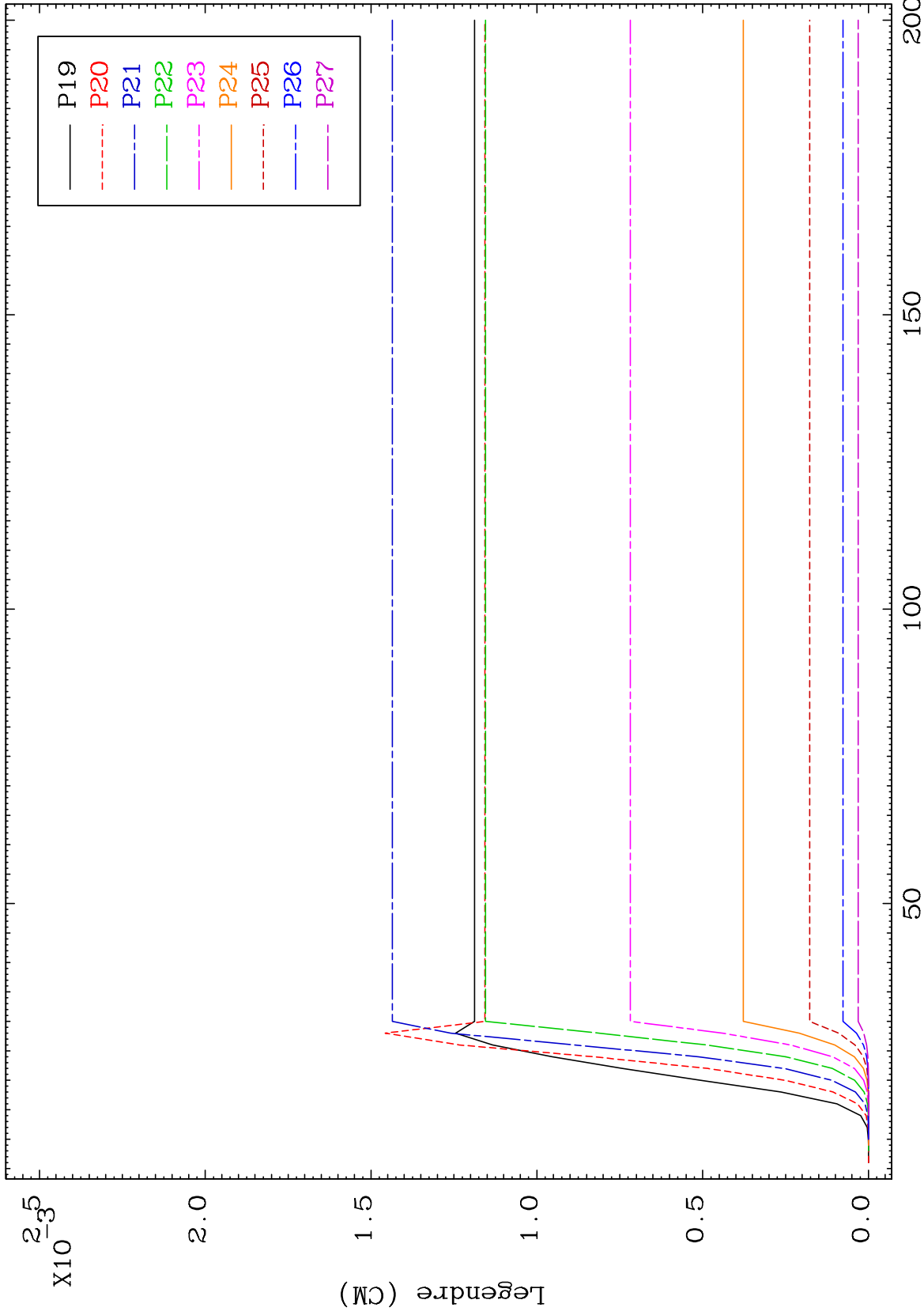
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

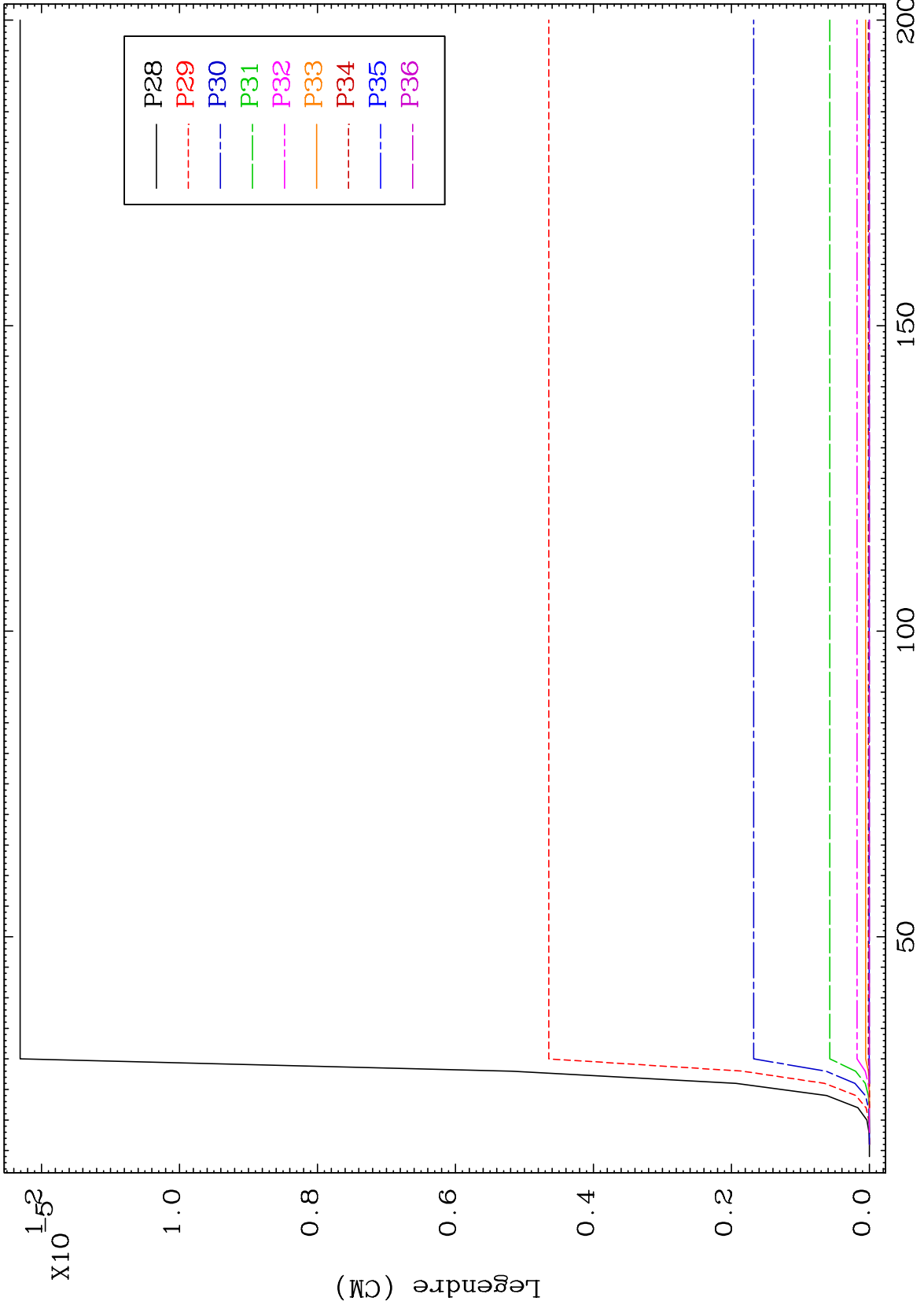
73-Ta-169



70

Incident Energy (MeV)

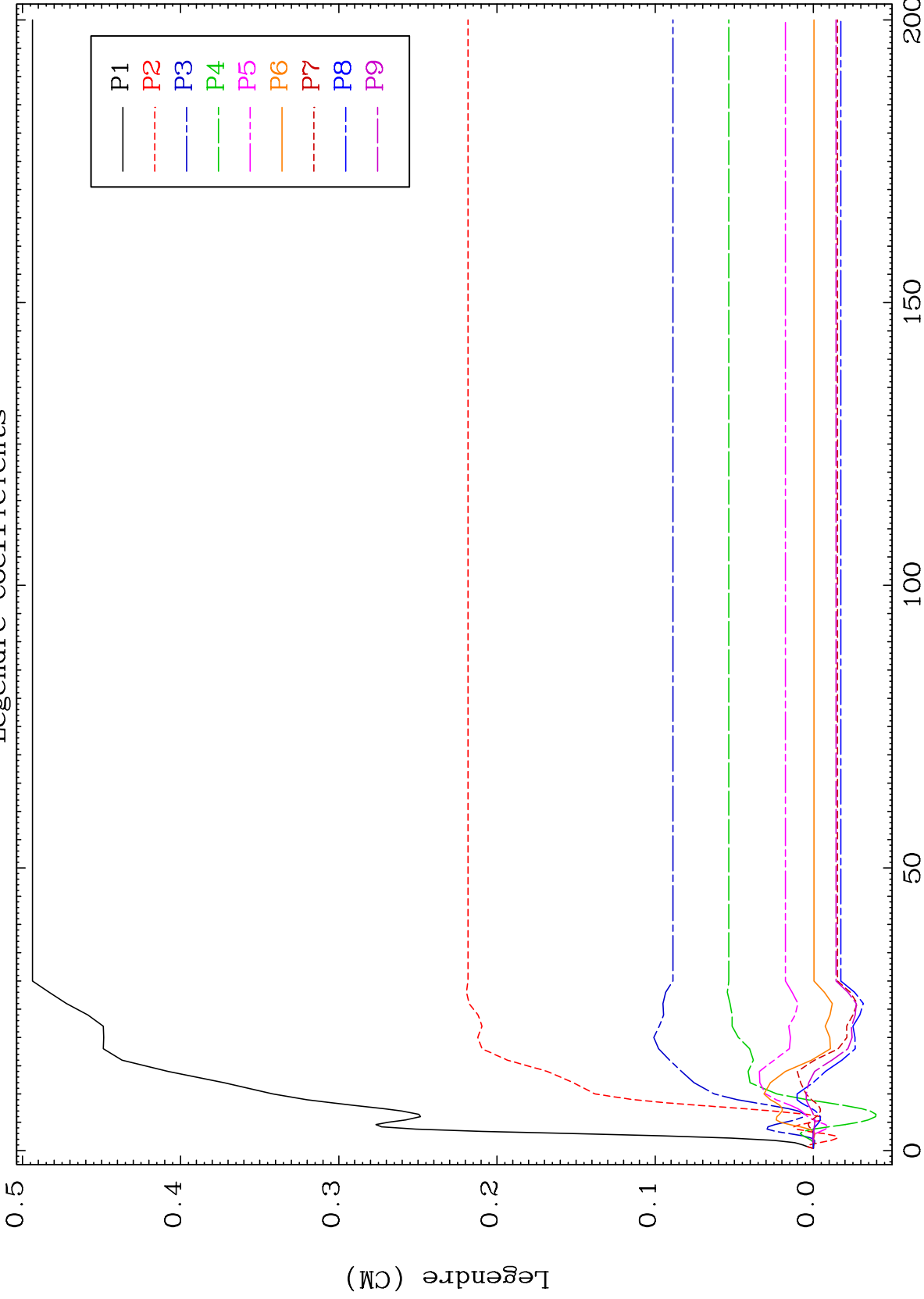
73-Ta-169



MAT 7292

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

⁷³Ta-169



72

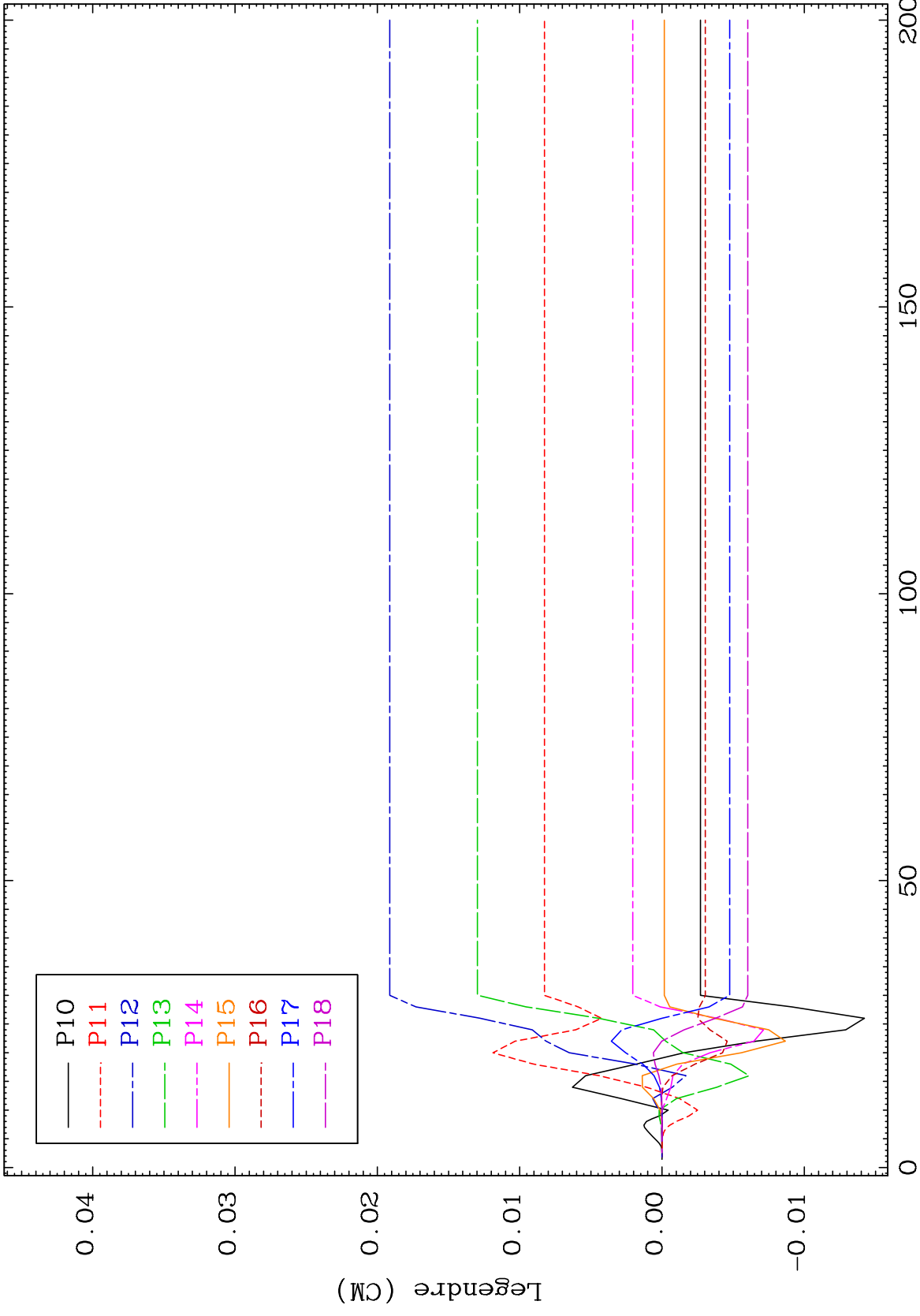
Incident Energy (MeV)

⁷³Ta-169

MAT 7292

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

73-Ta-169



73

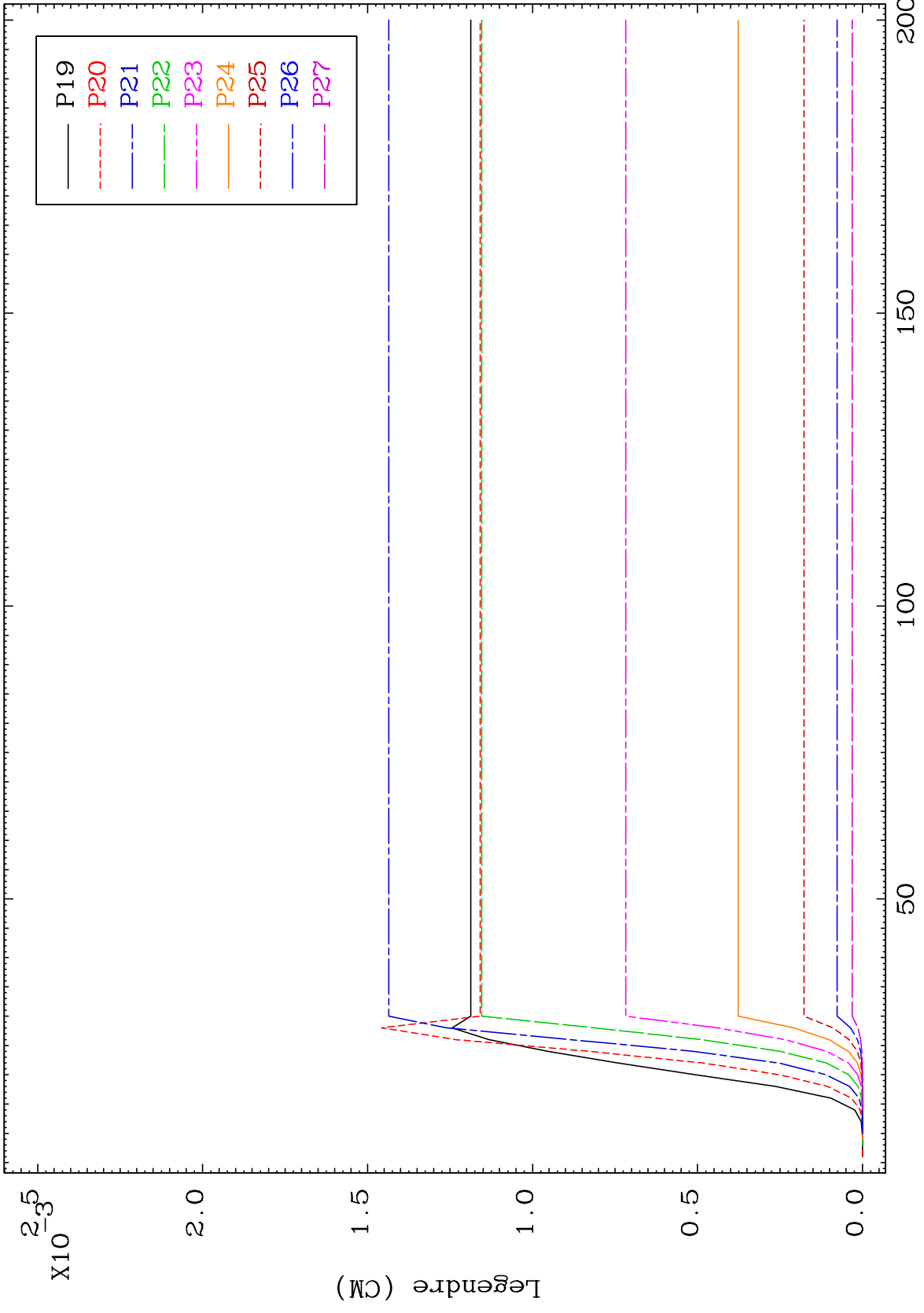
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



74

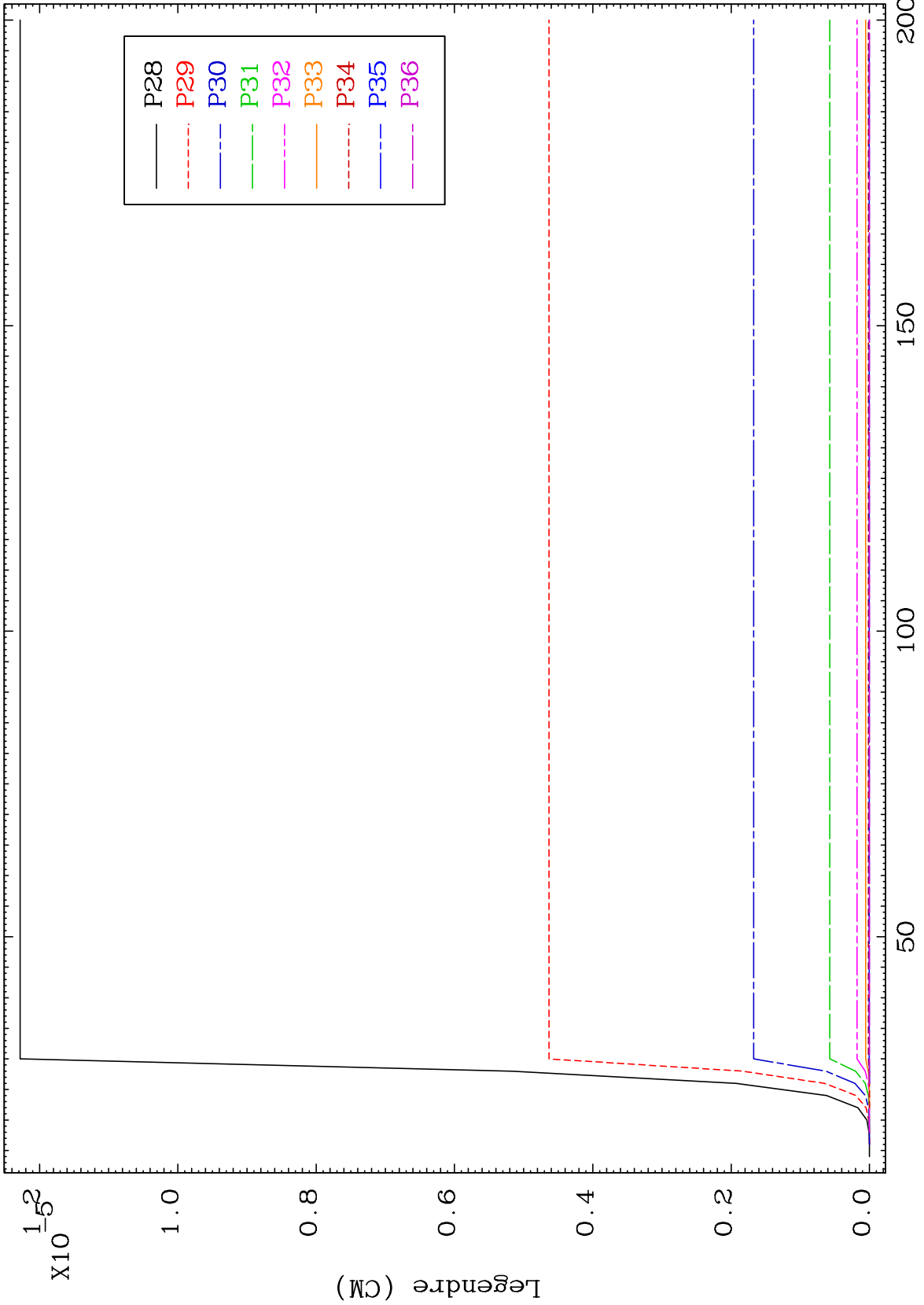
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



75

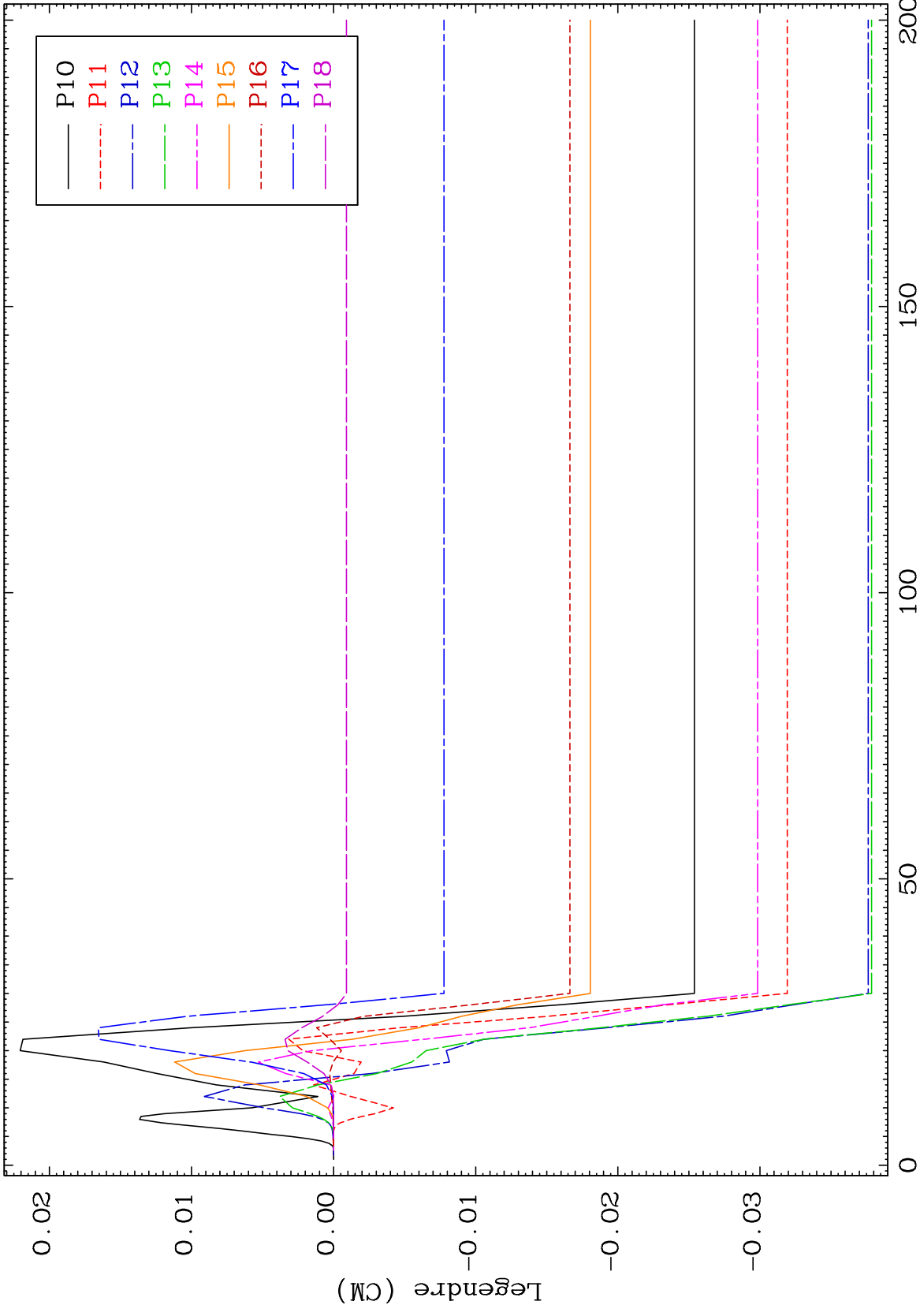
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

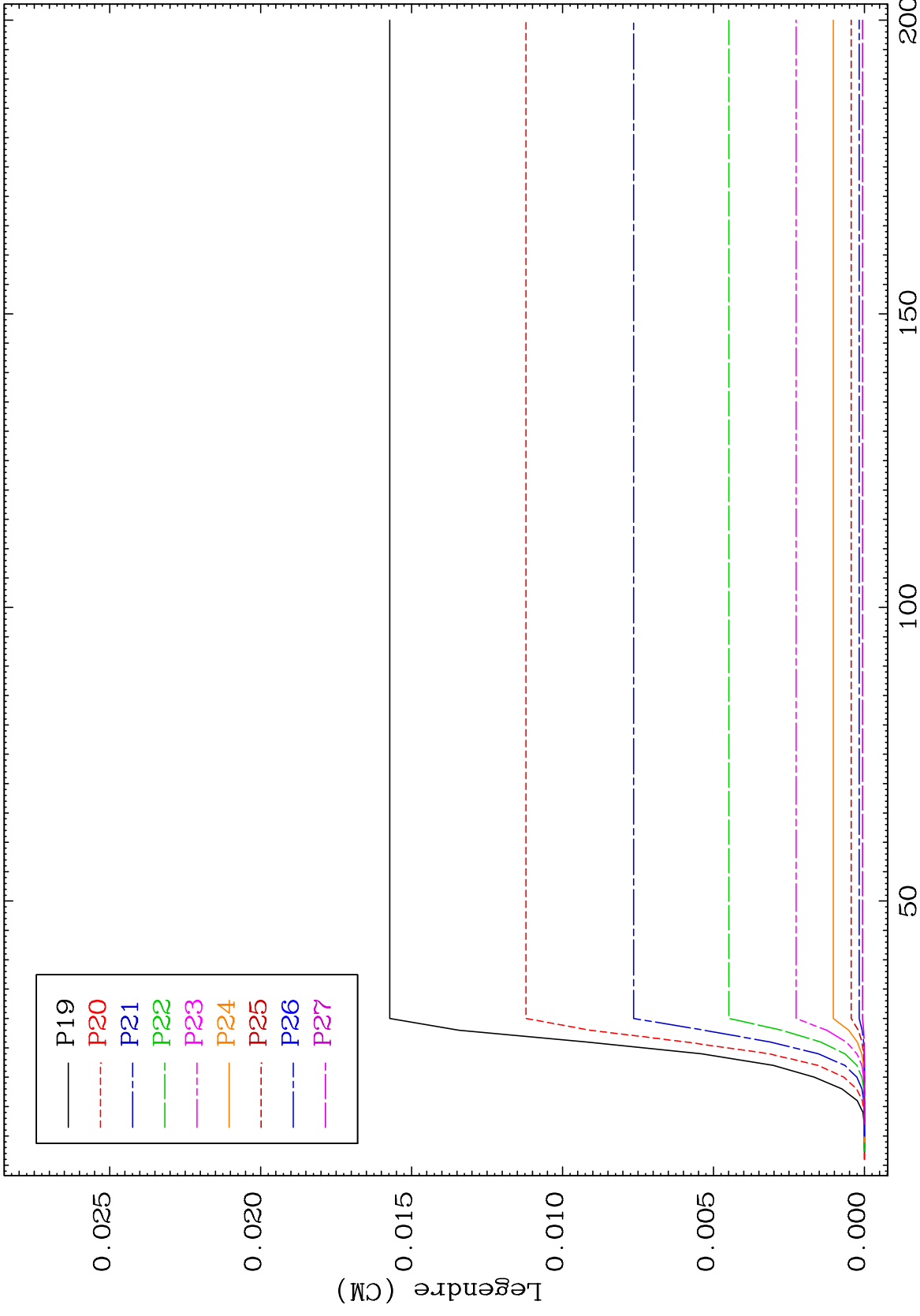
73-Ta-169



77

Incident Energy (MeV)

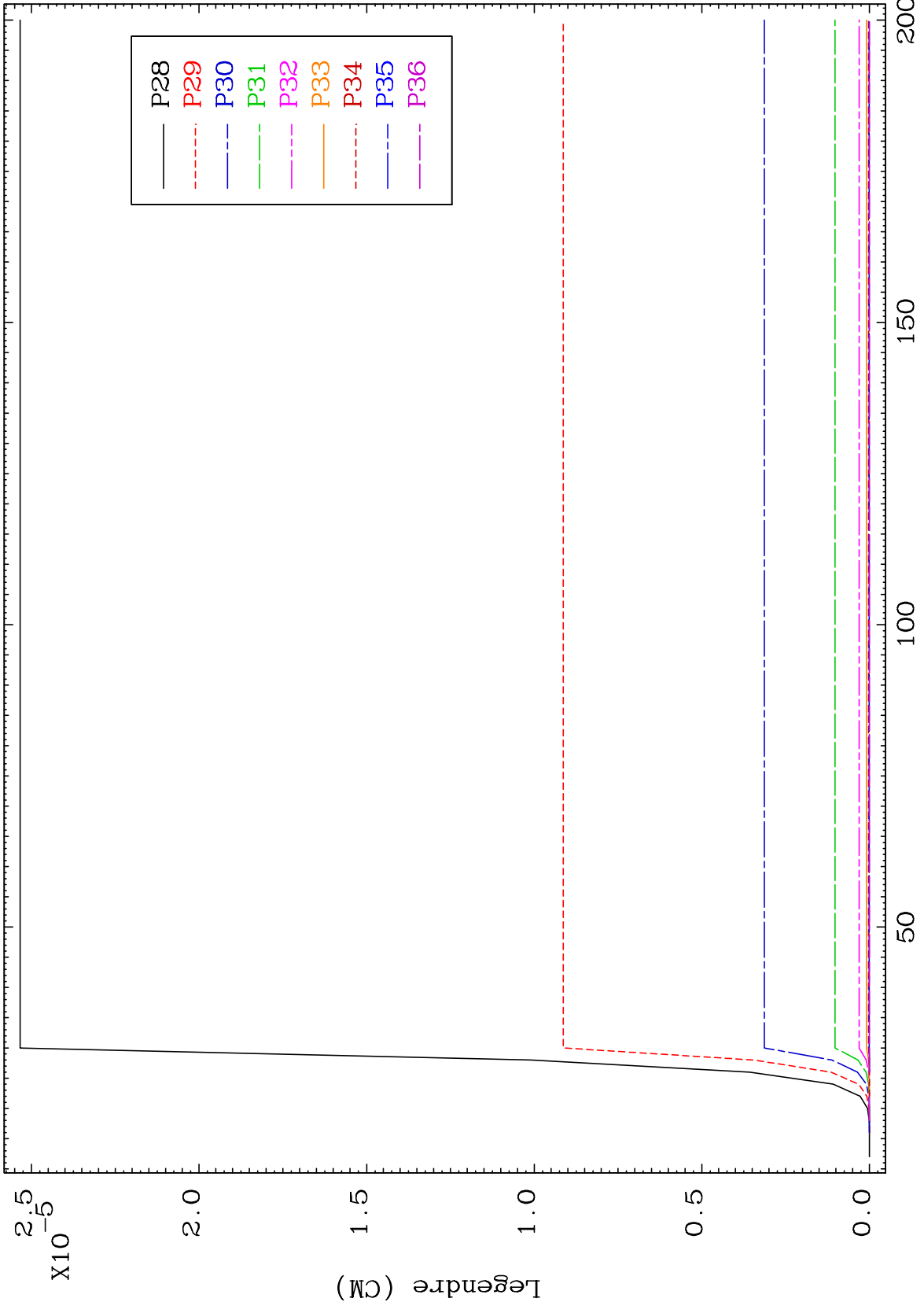
73-Ta-169



MAT 7292

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

73-Ta-169



79

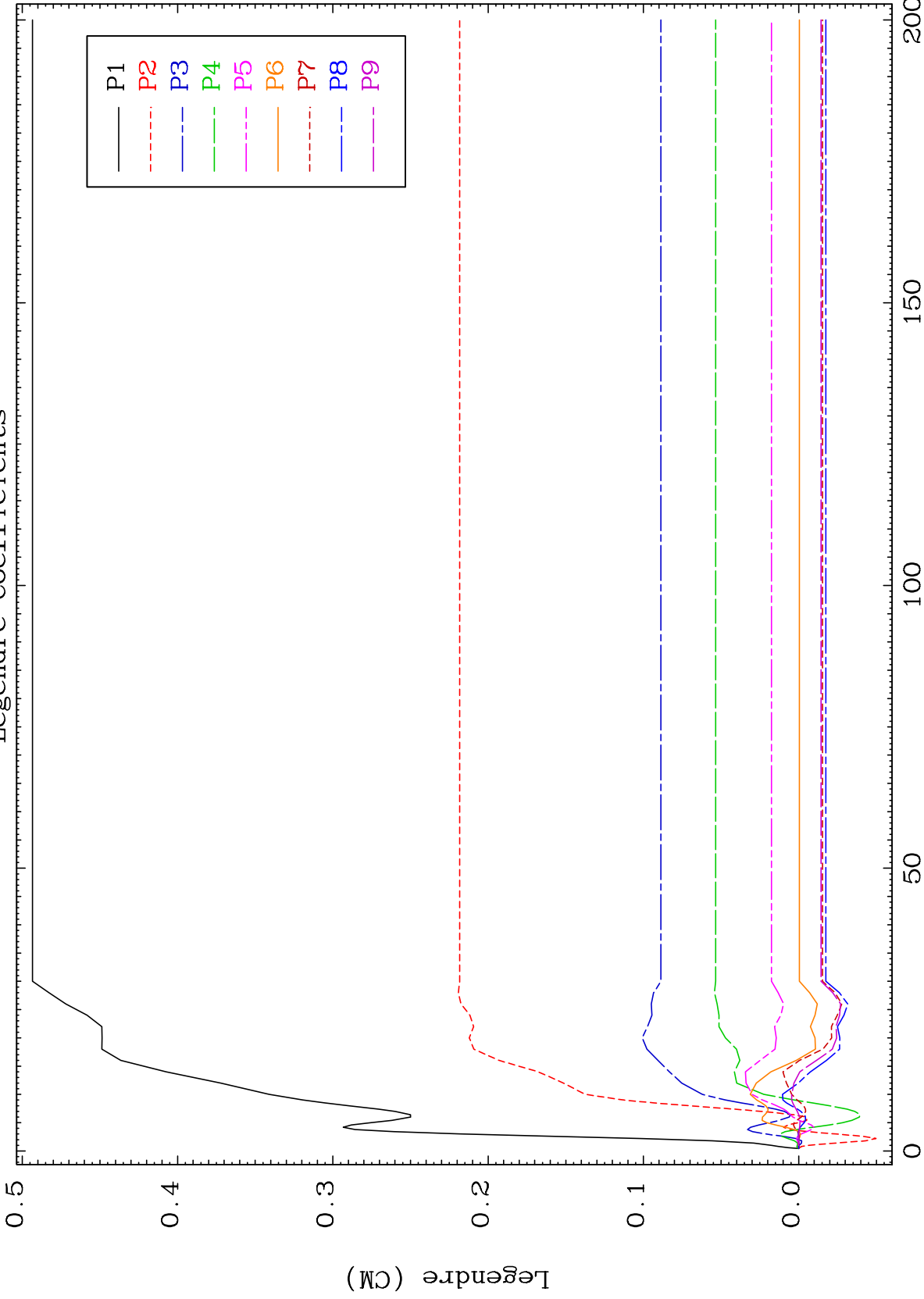
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



73-Ta-169

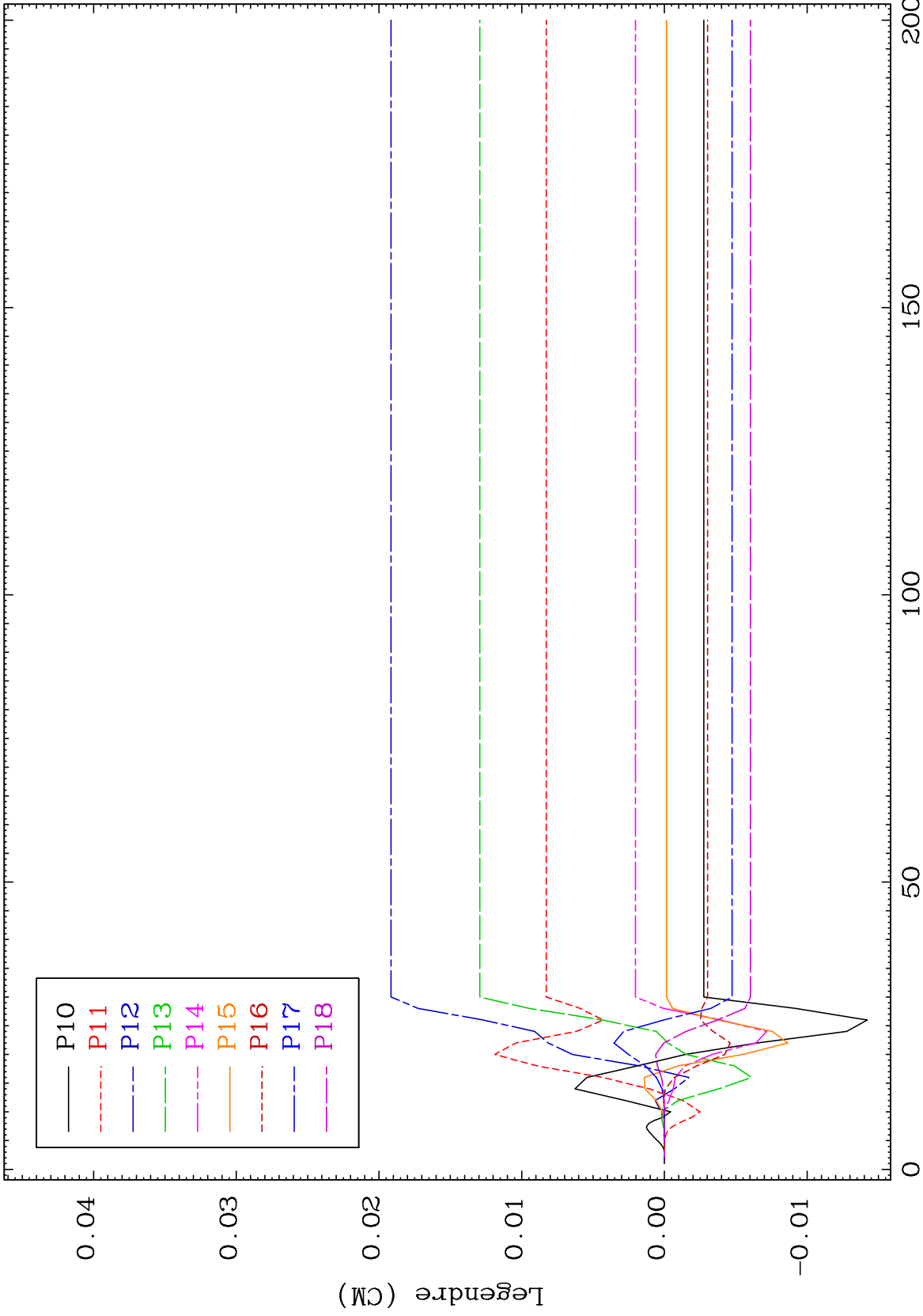
Incident Energy (MeV)

80

MAT 7292

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

73-Ta-169



81

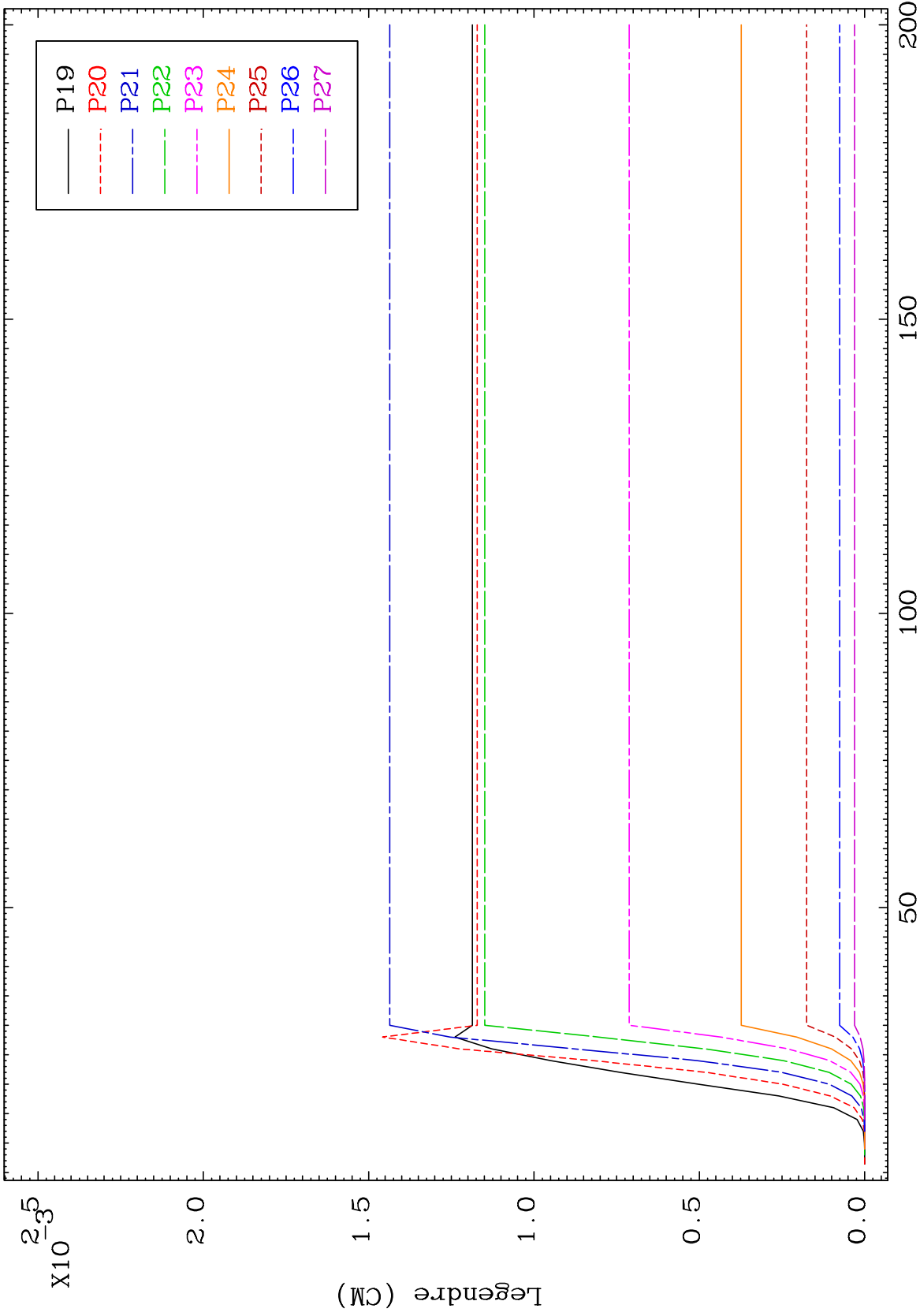
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



82

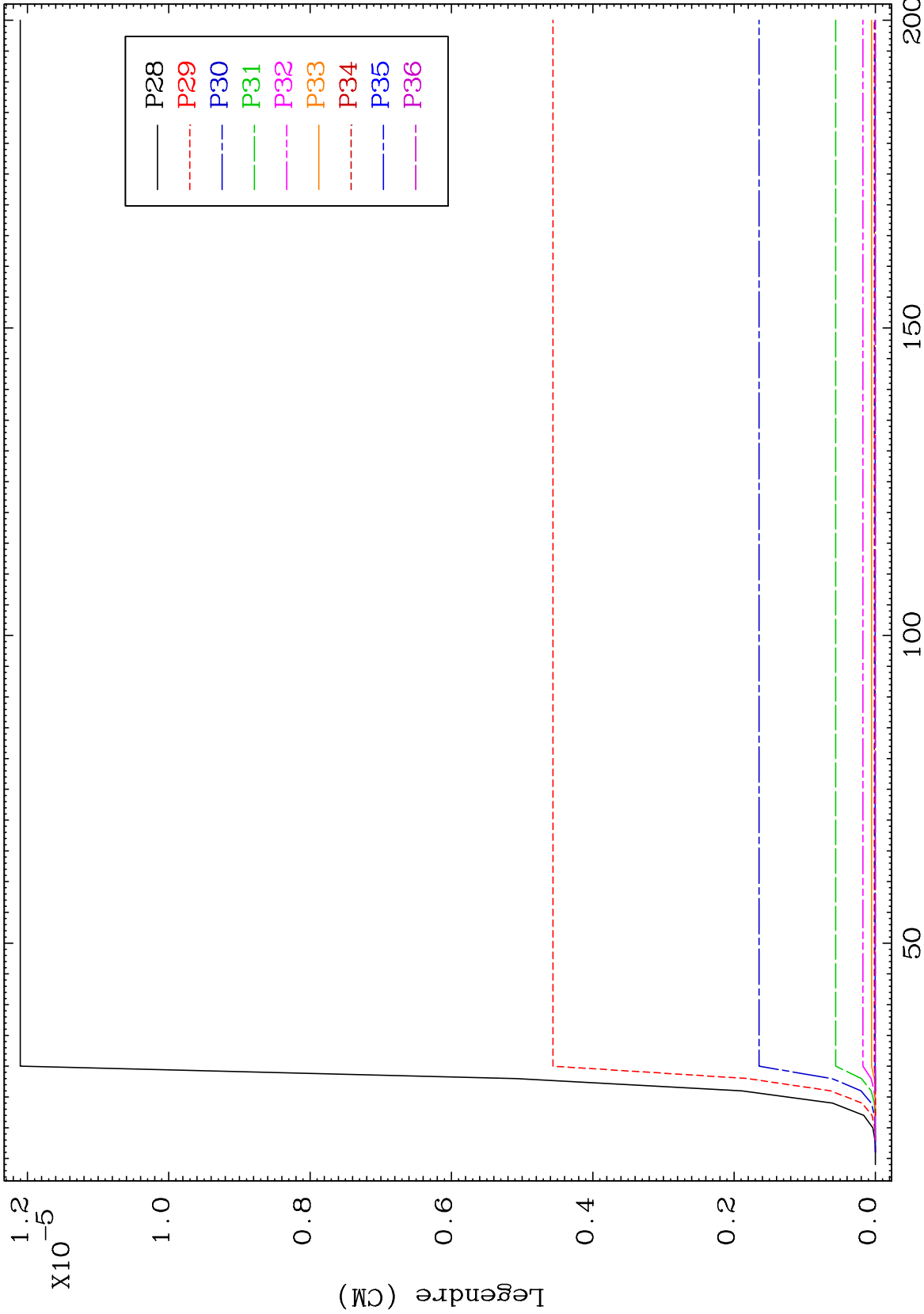
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



83

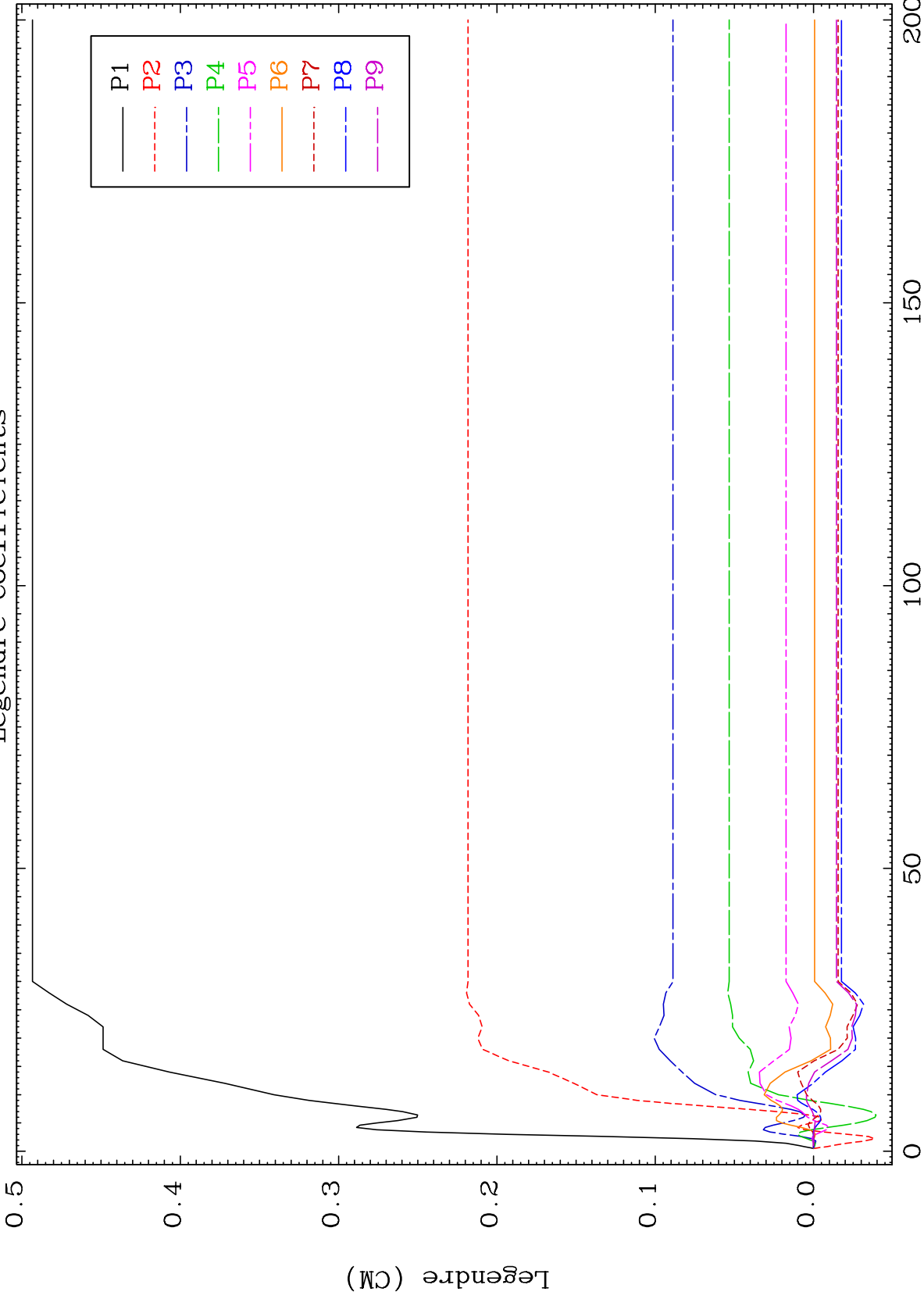
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

⁷³Ta-169



84

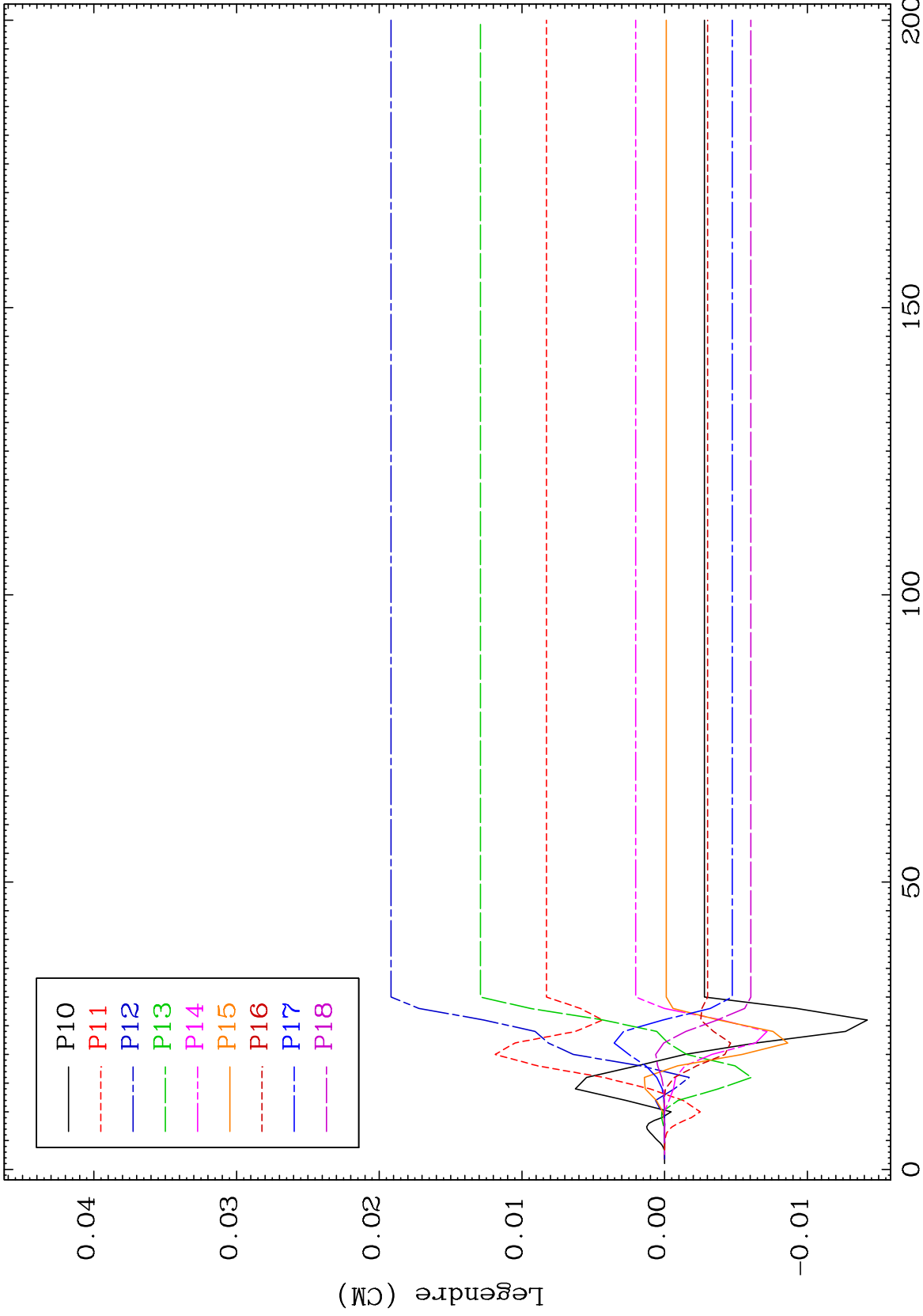
Incident Energy (MeV)

⁷³Ta-169

MAT 7292

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

73-Ta-169



85

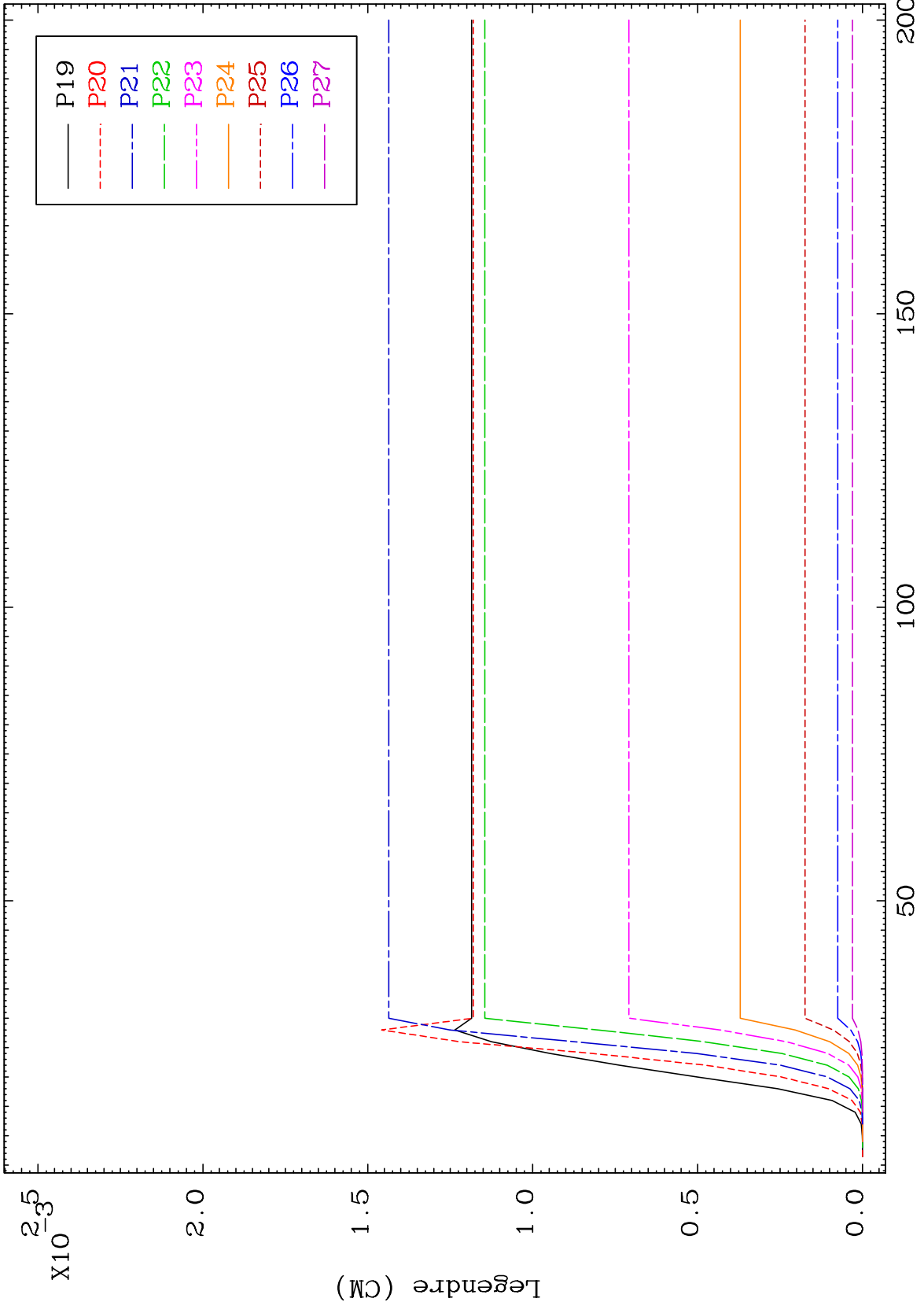
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



86

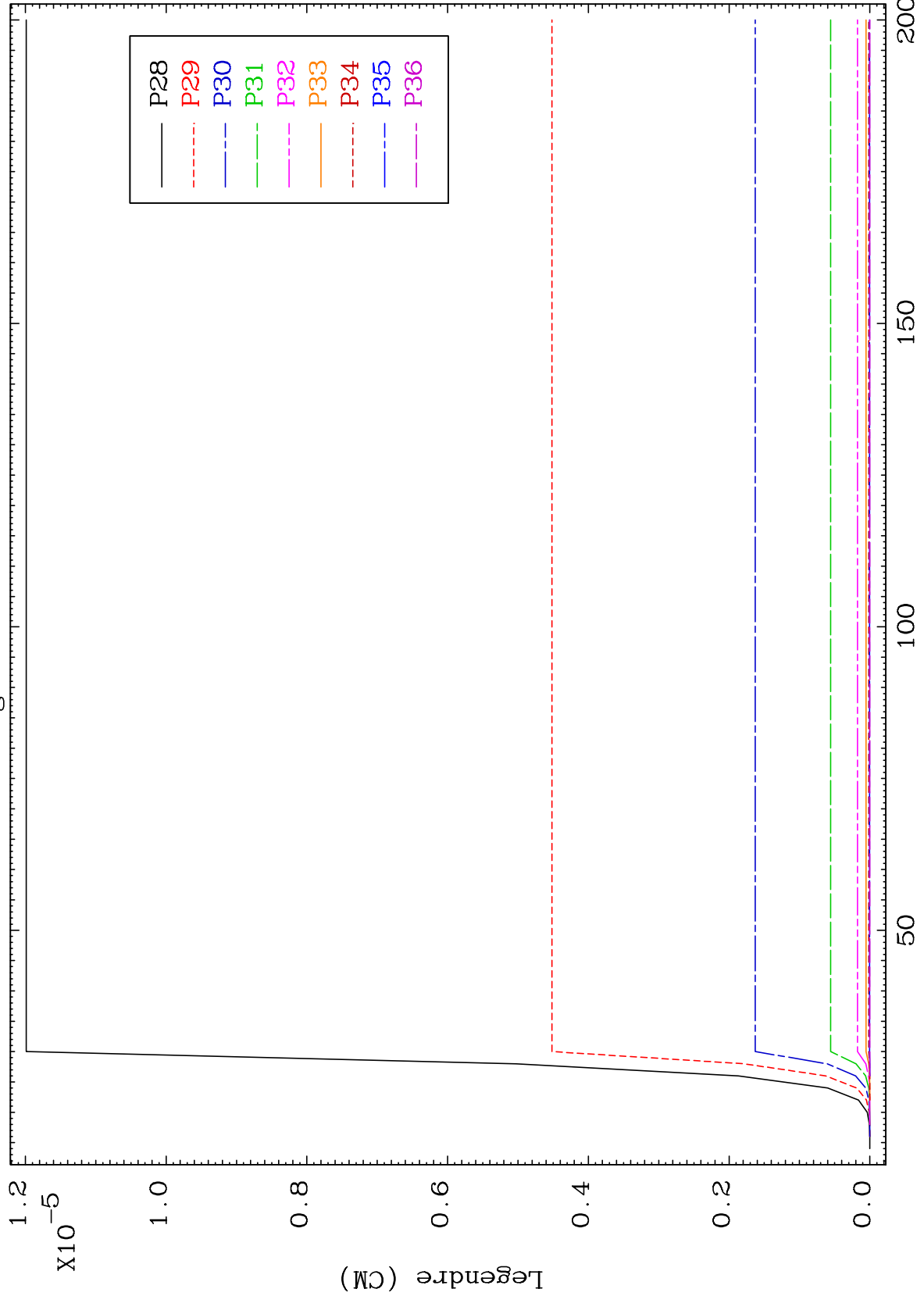
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



87

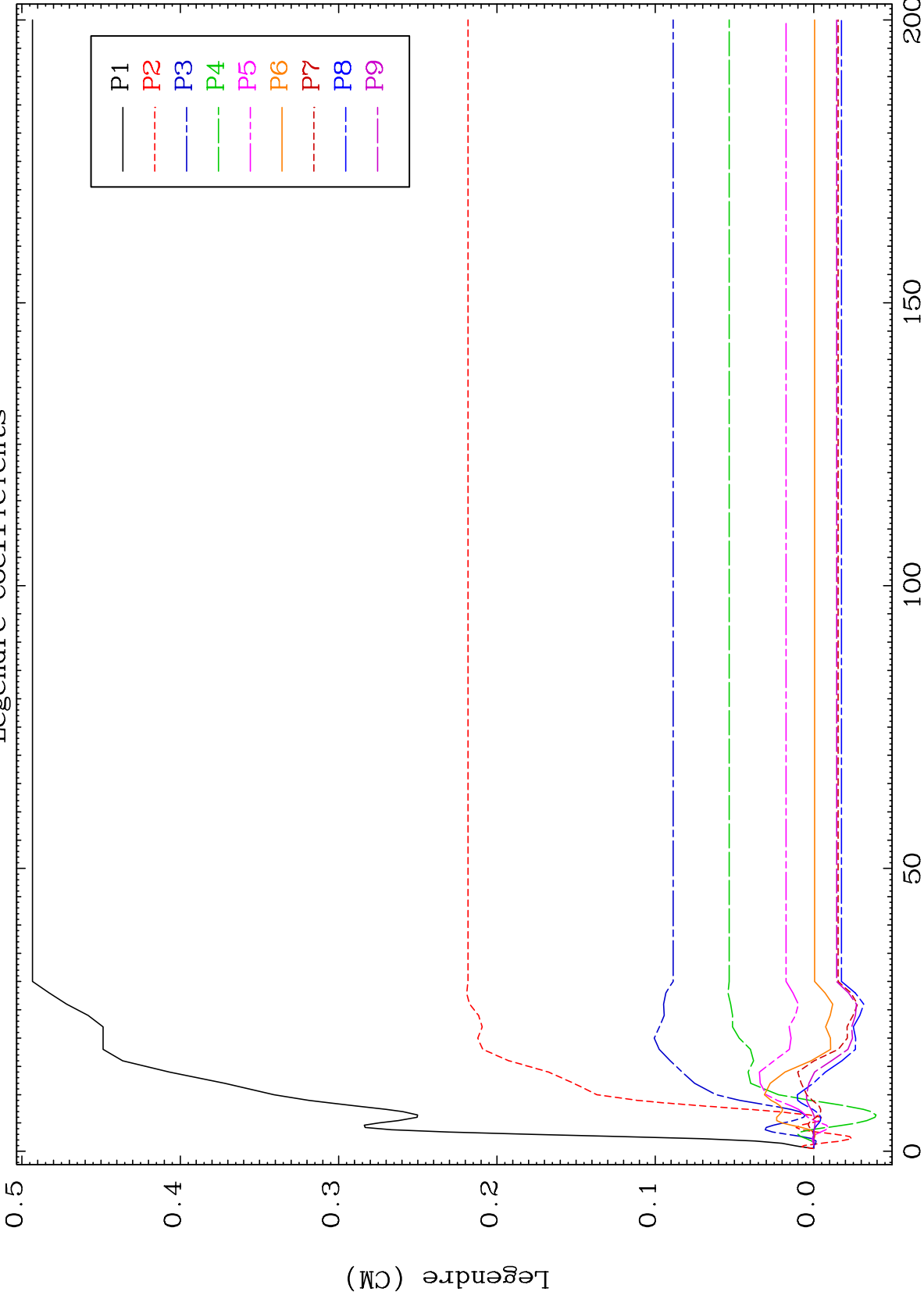
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



88

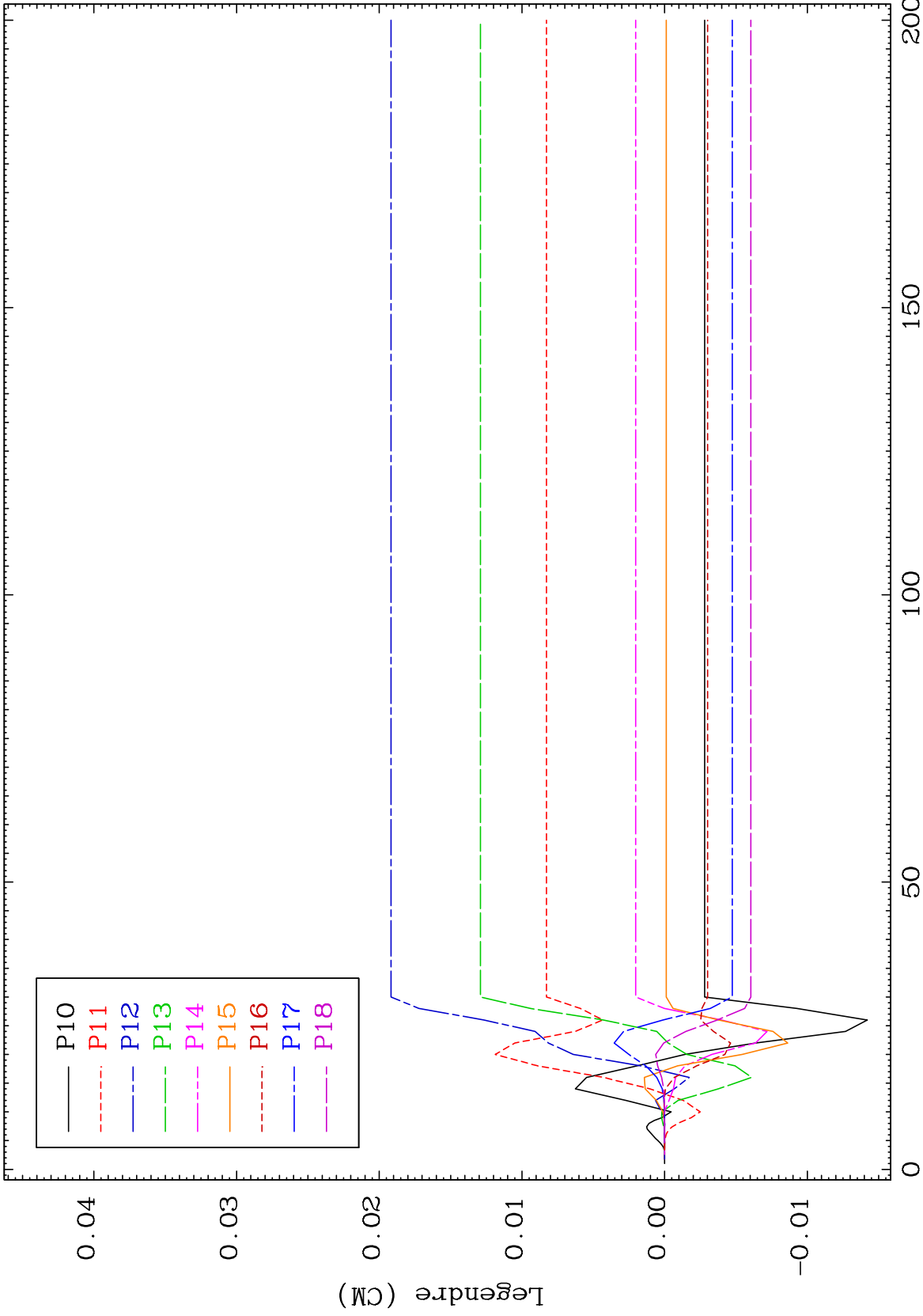
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



89

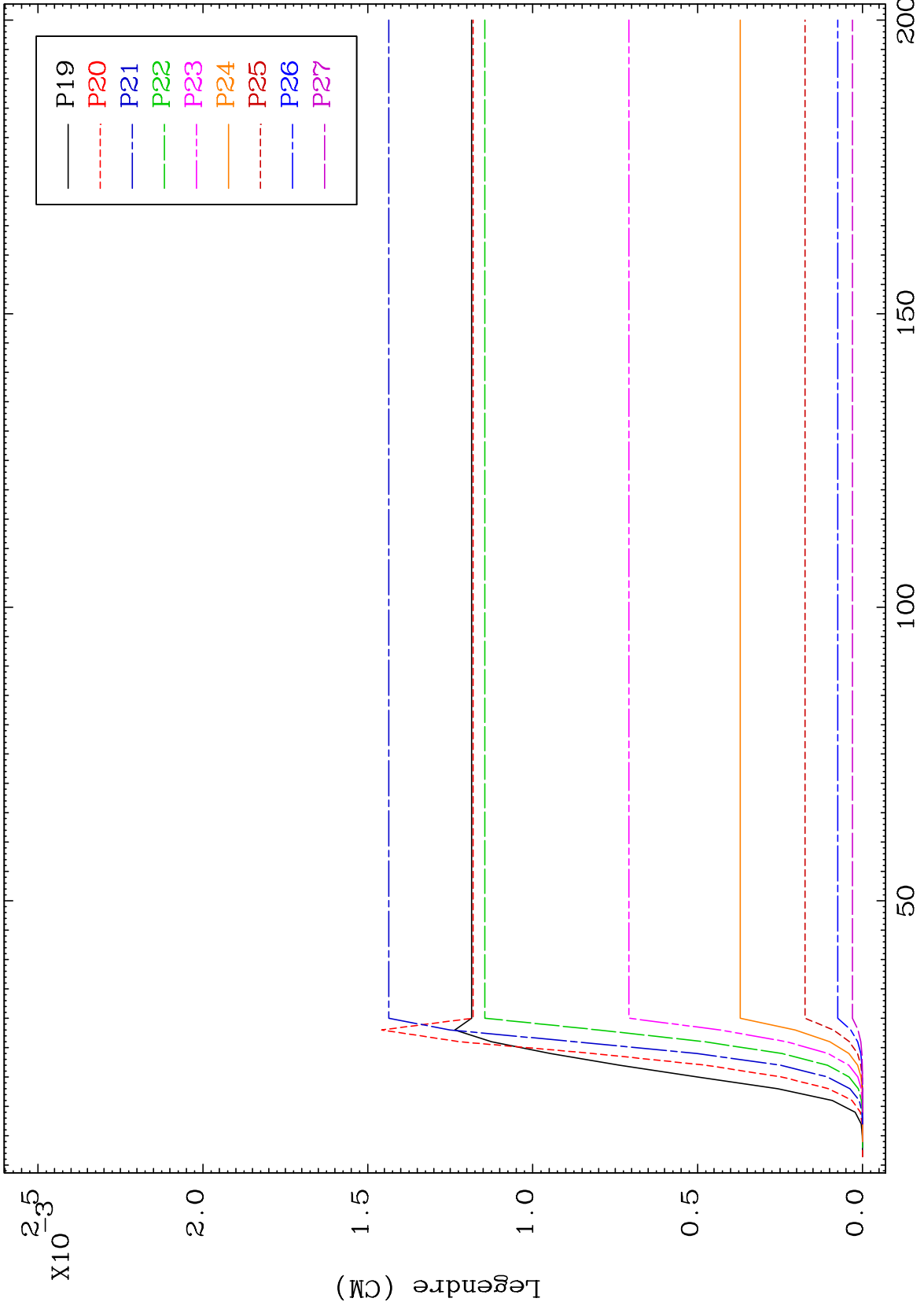
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



90

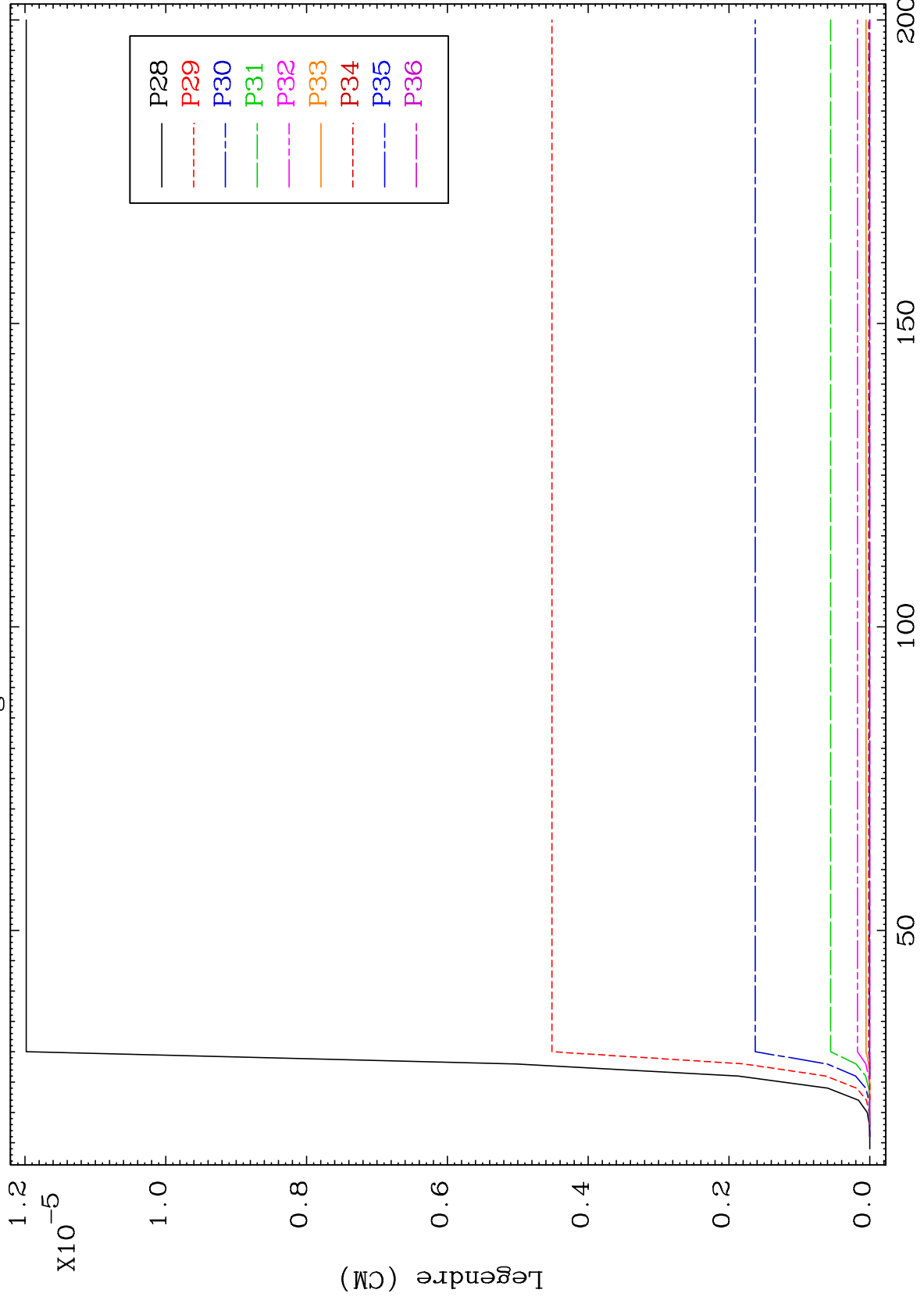
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



91

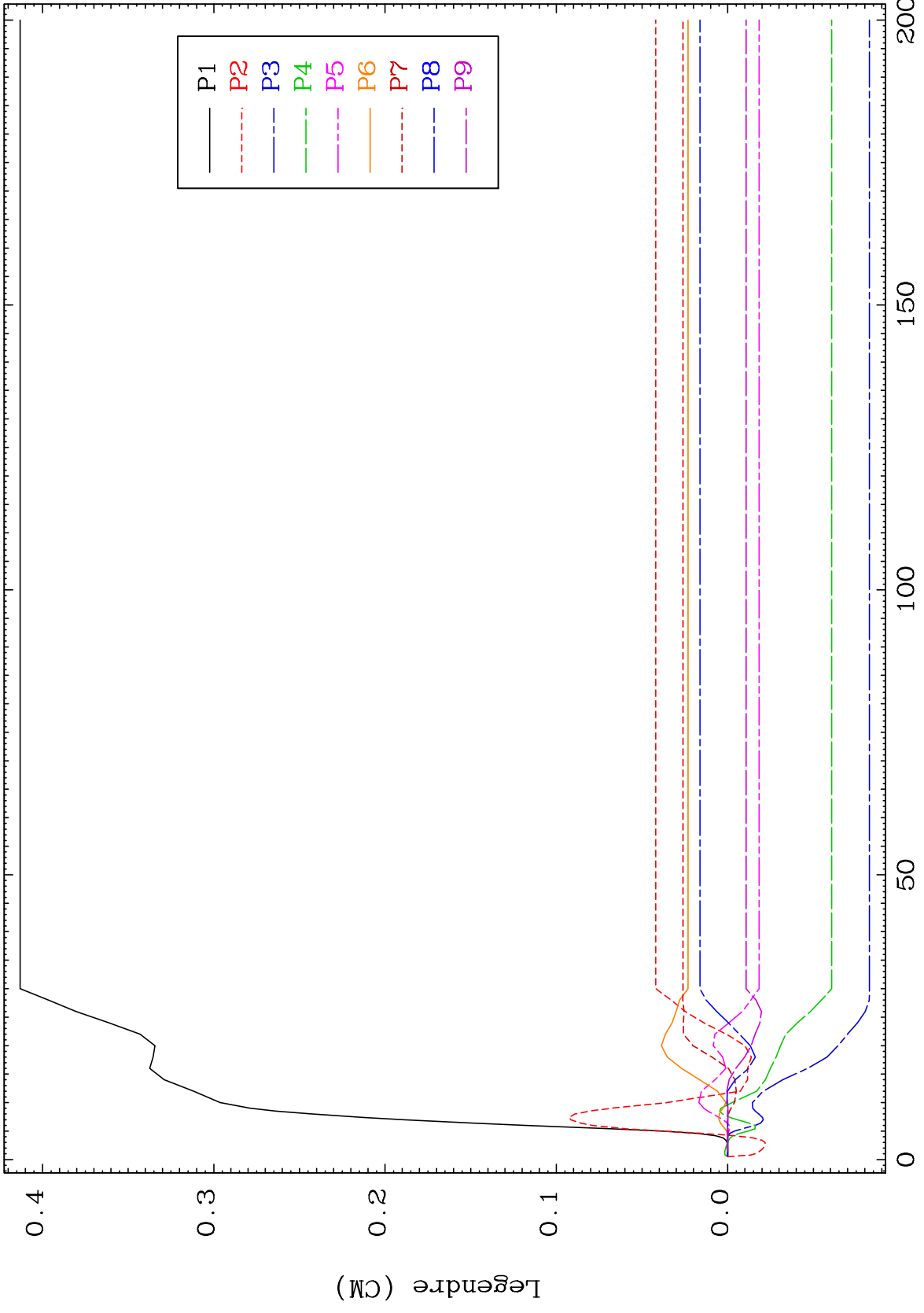
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



92

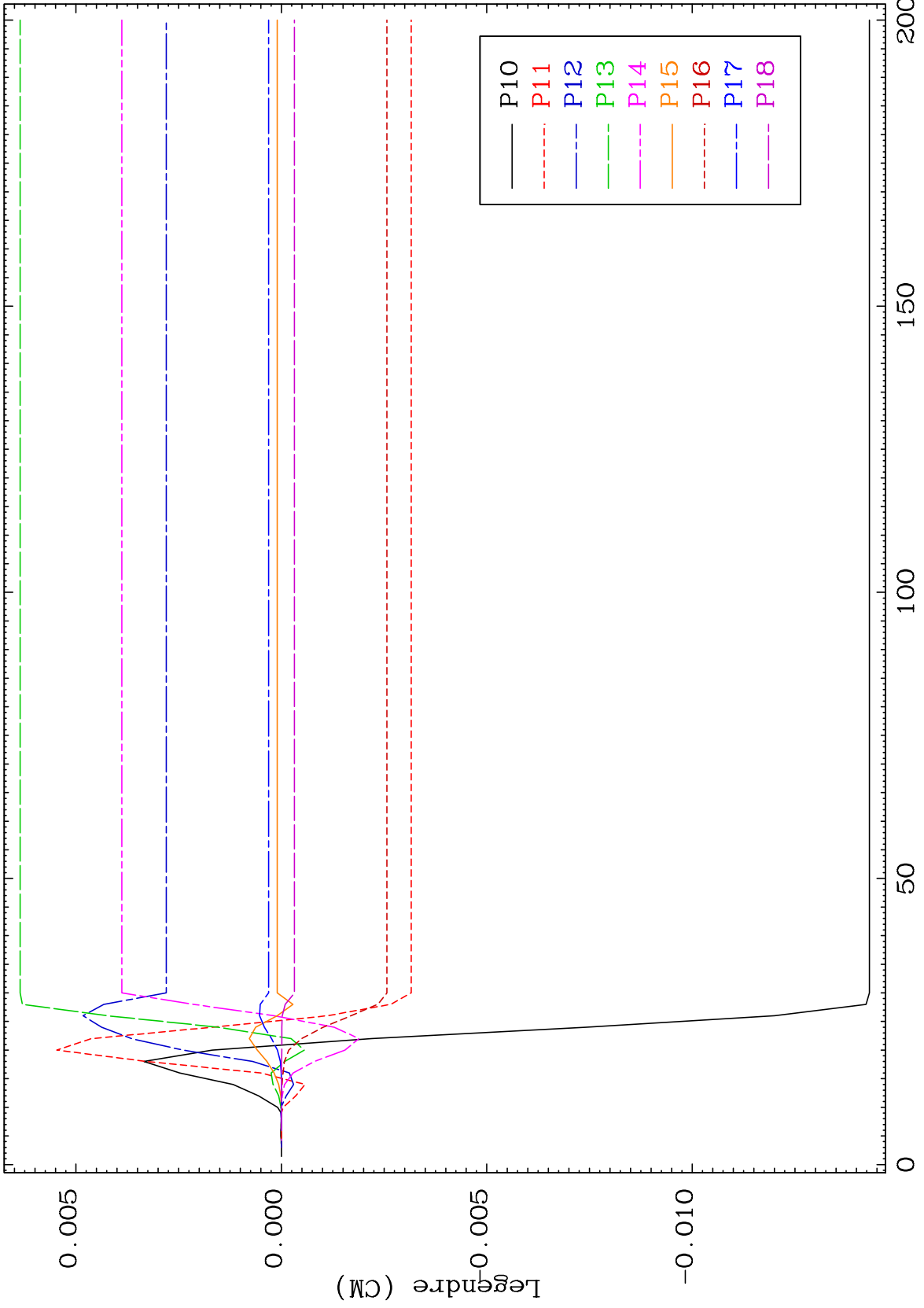
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



93

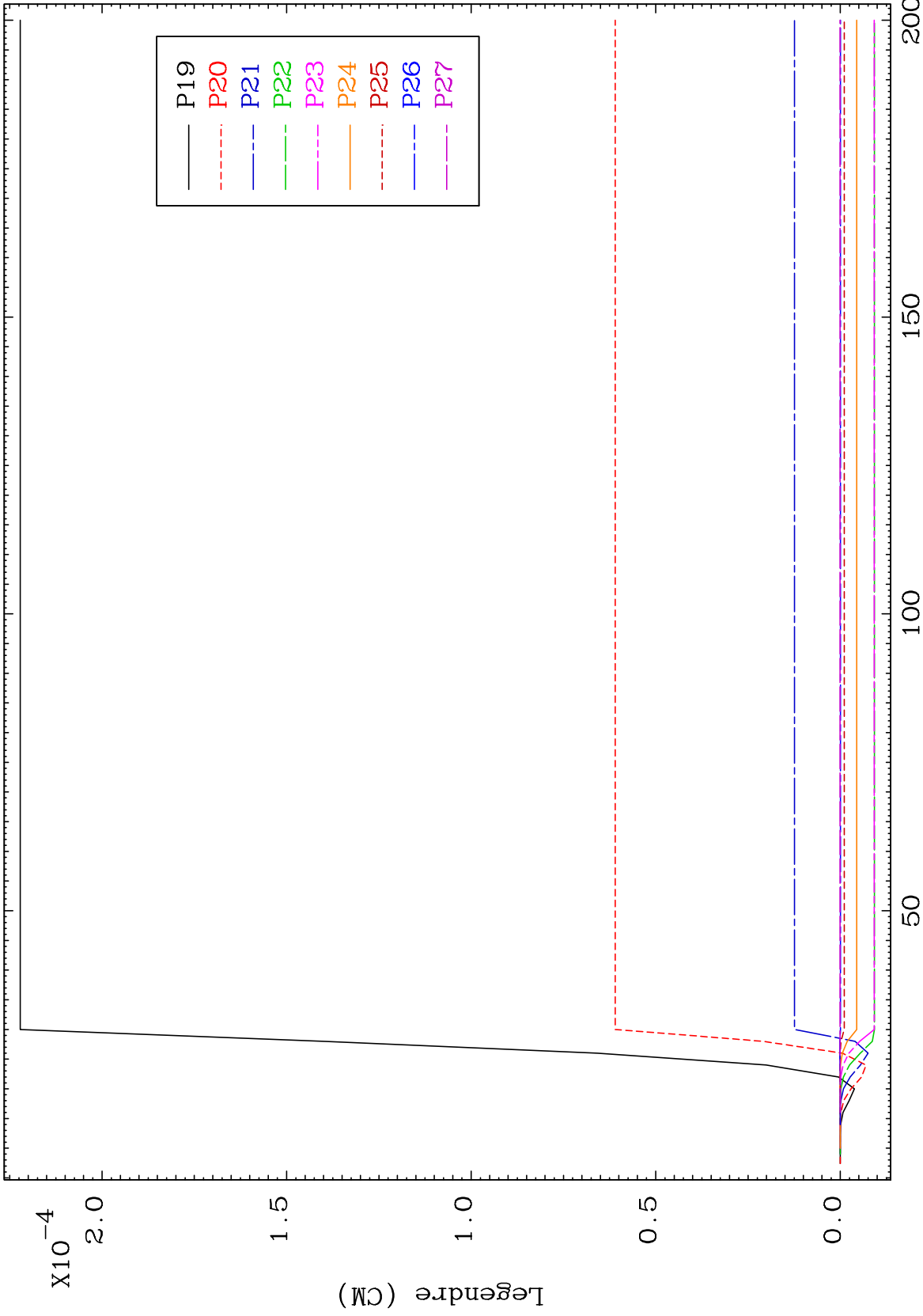
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



94

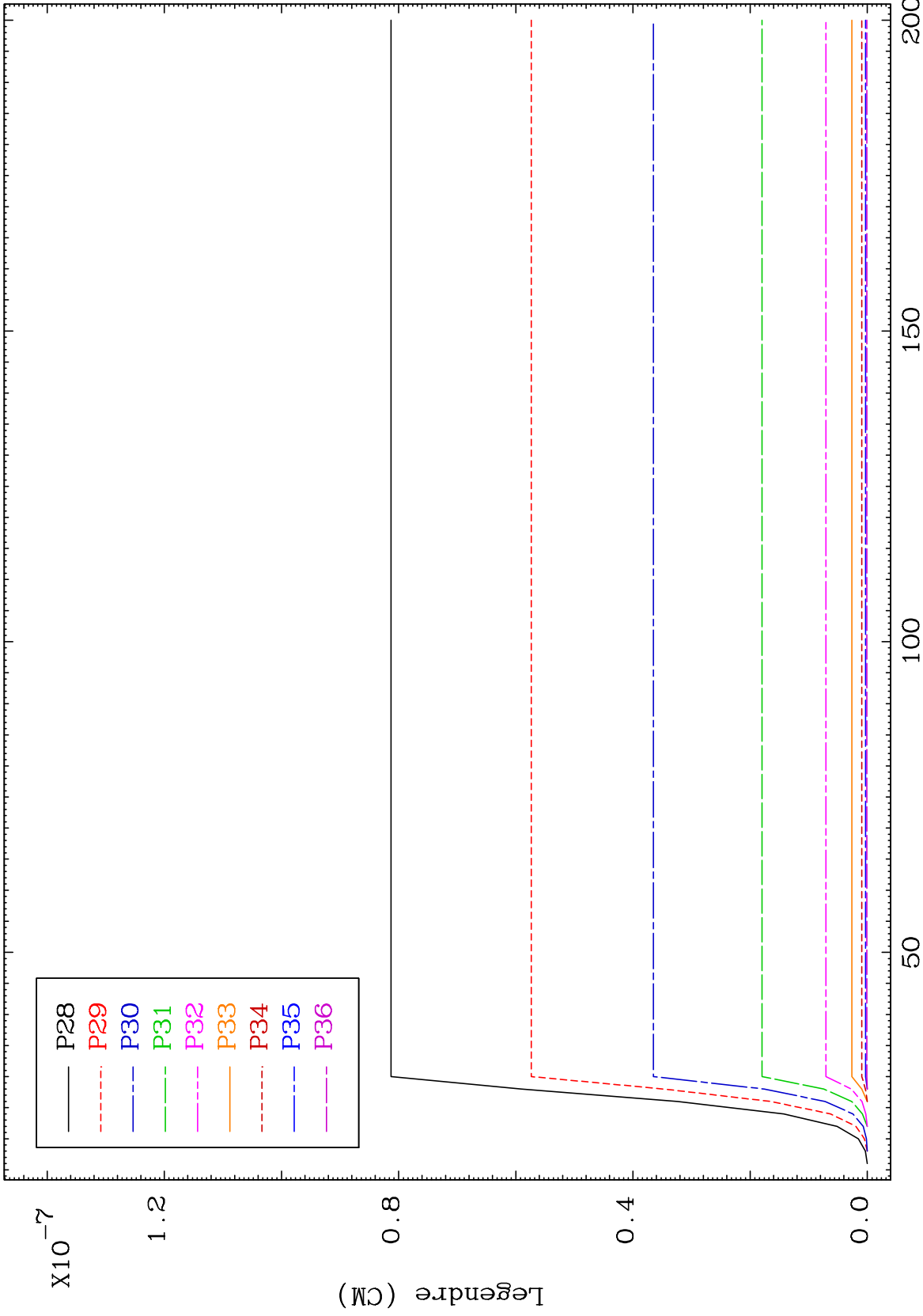
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



95

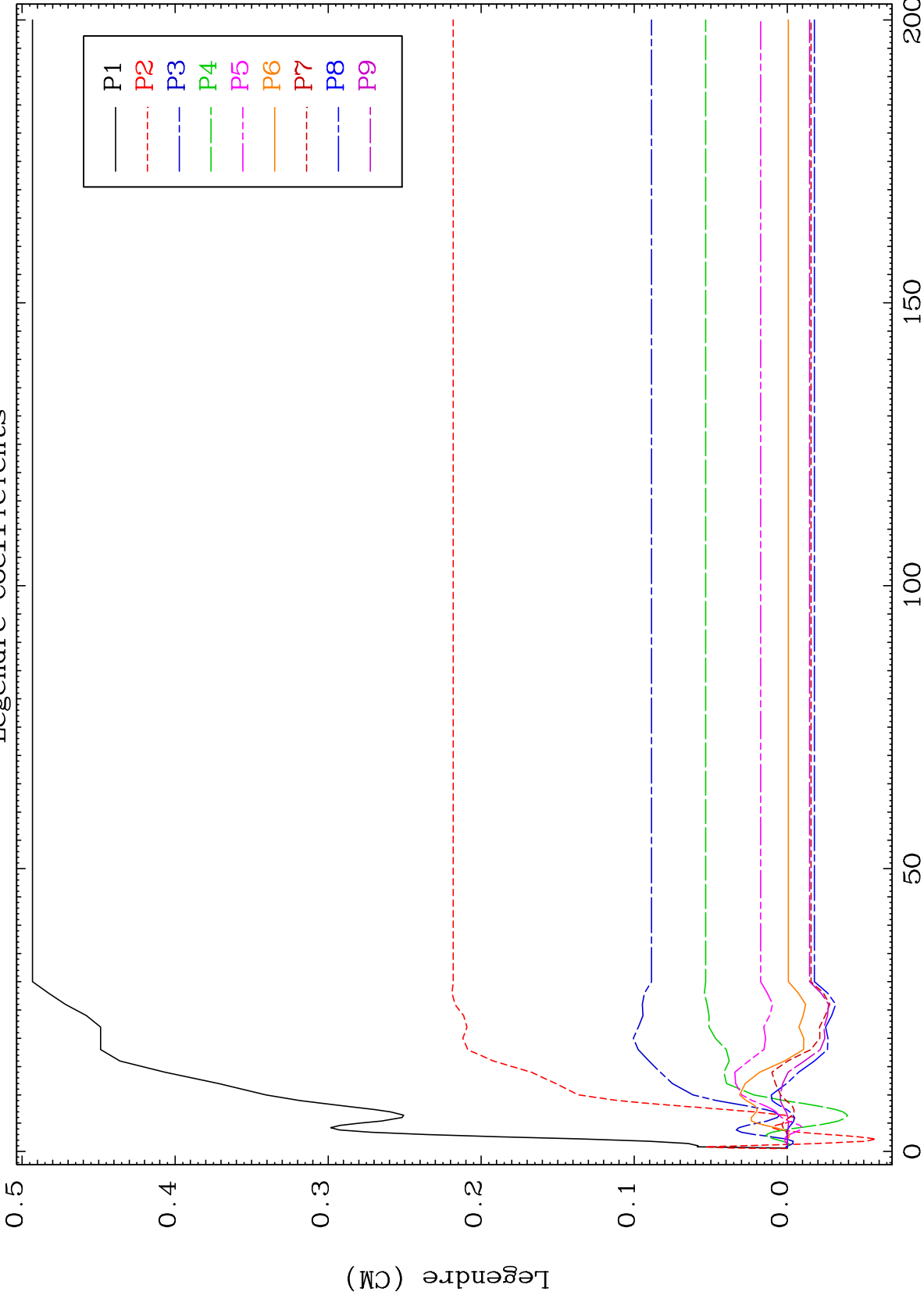
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



96

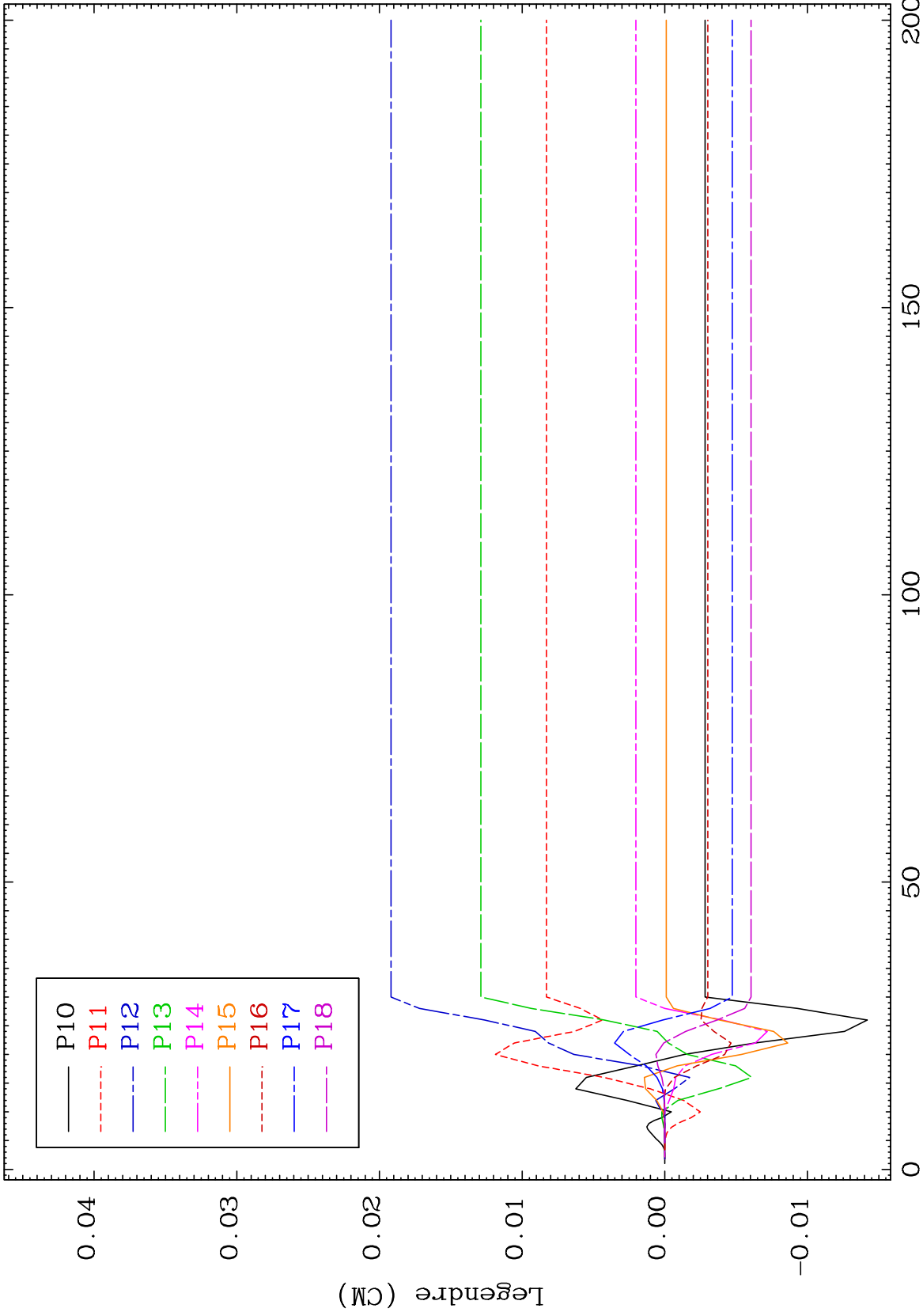
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

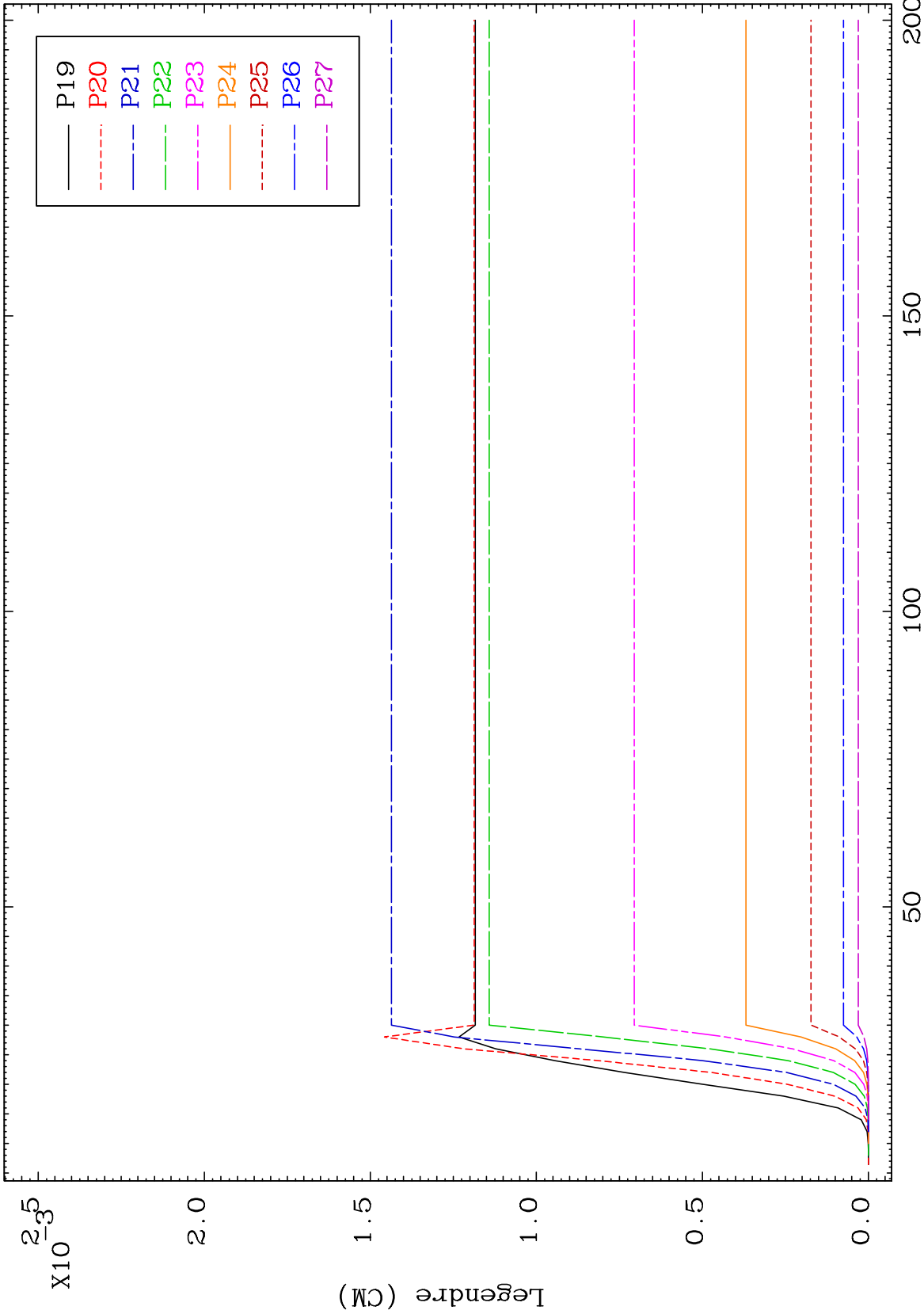
73-Ta-169



MAT 7292

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

73-Ta-169



98

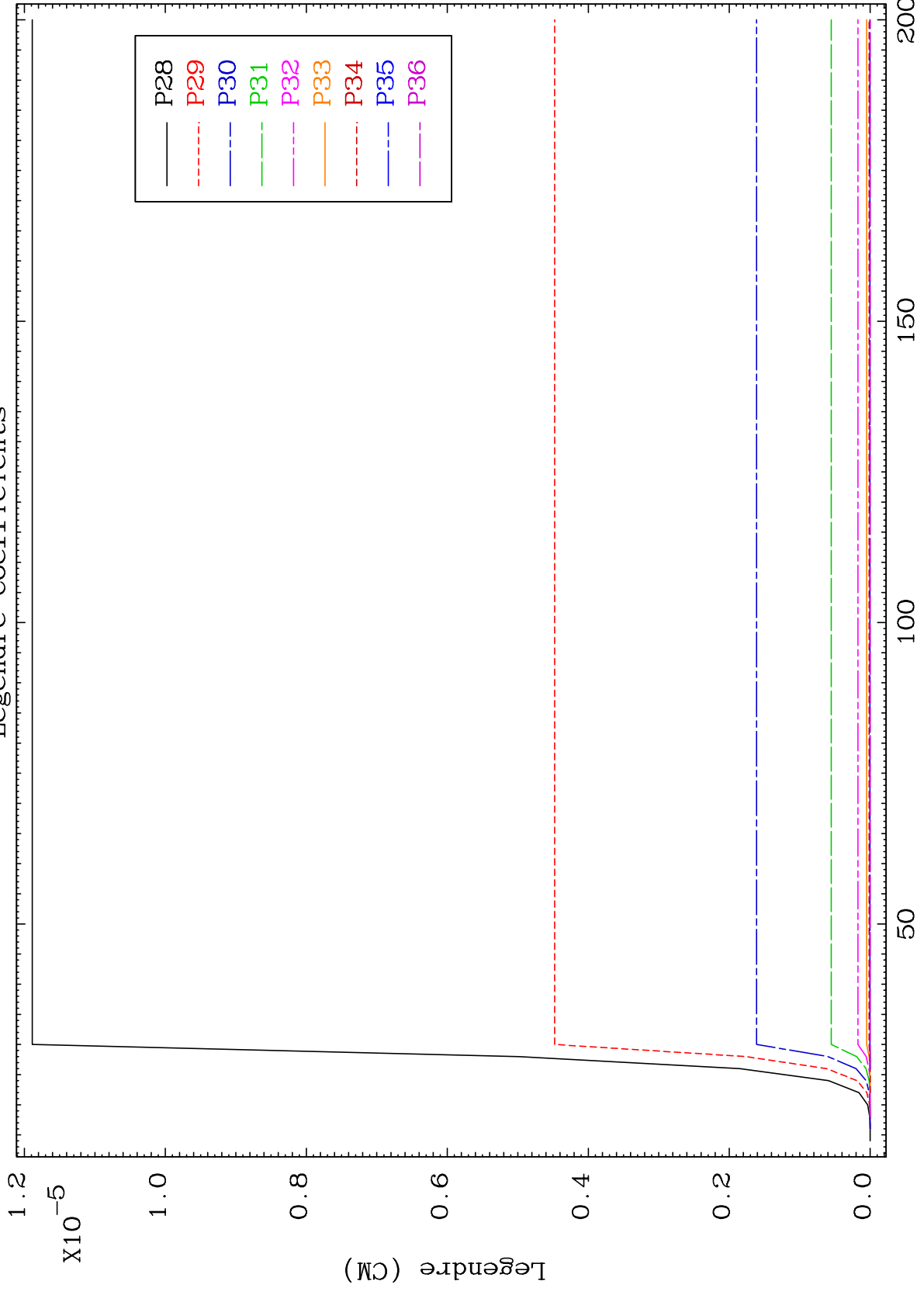
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



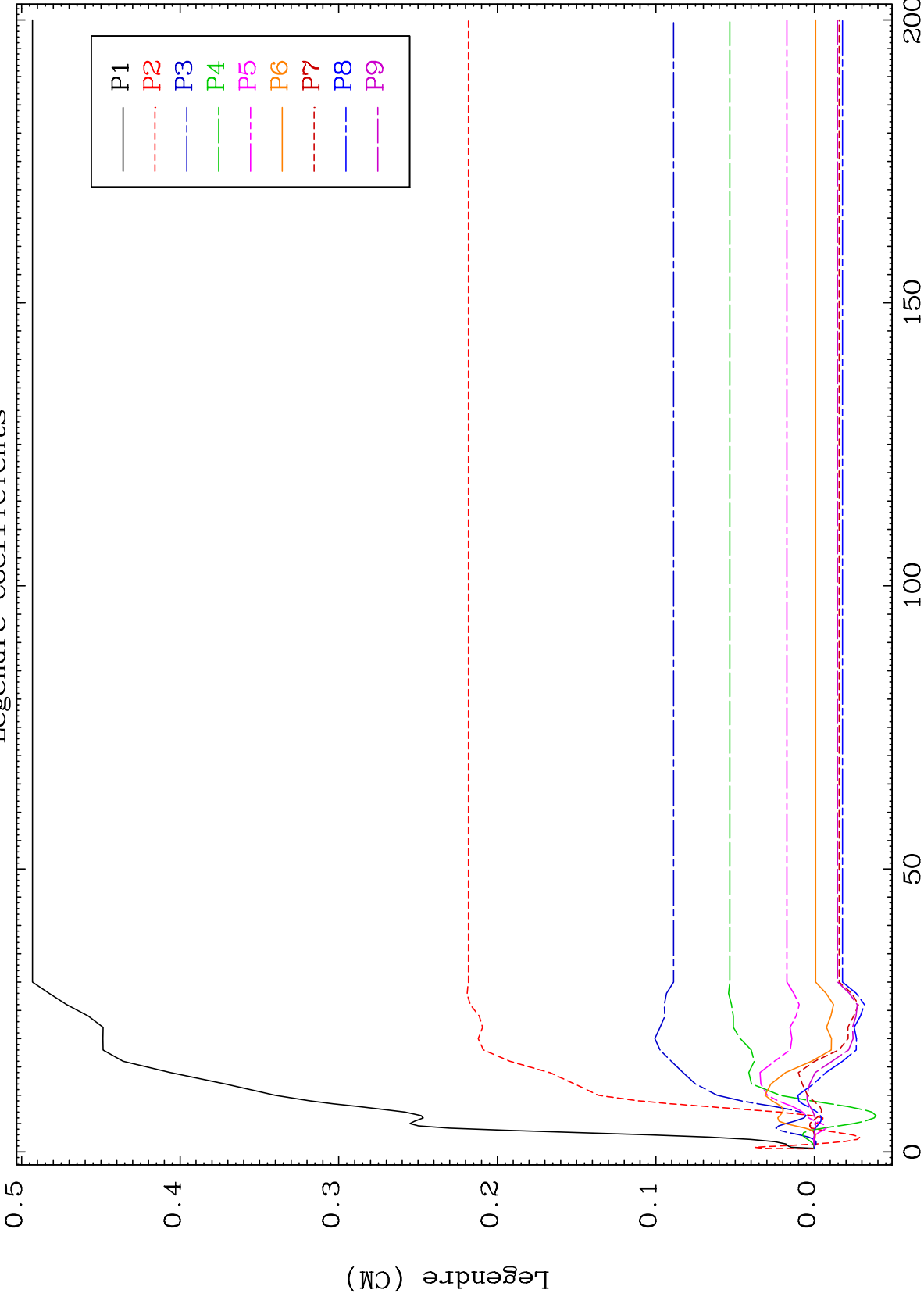
99

73-Ta-169

MAT 7292

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

73-Ta-169



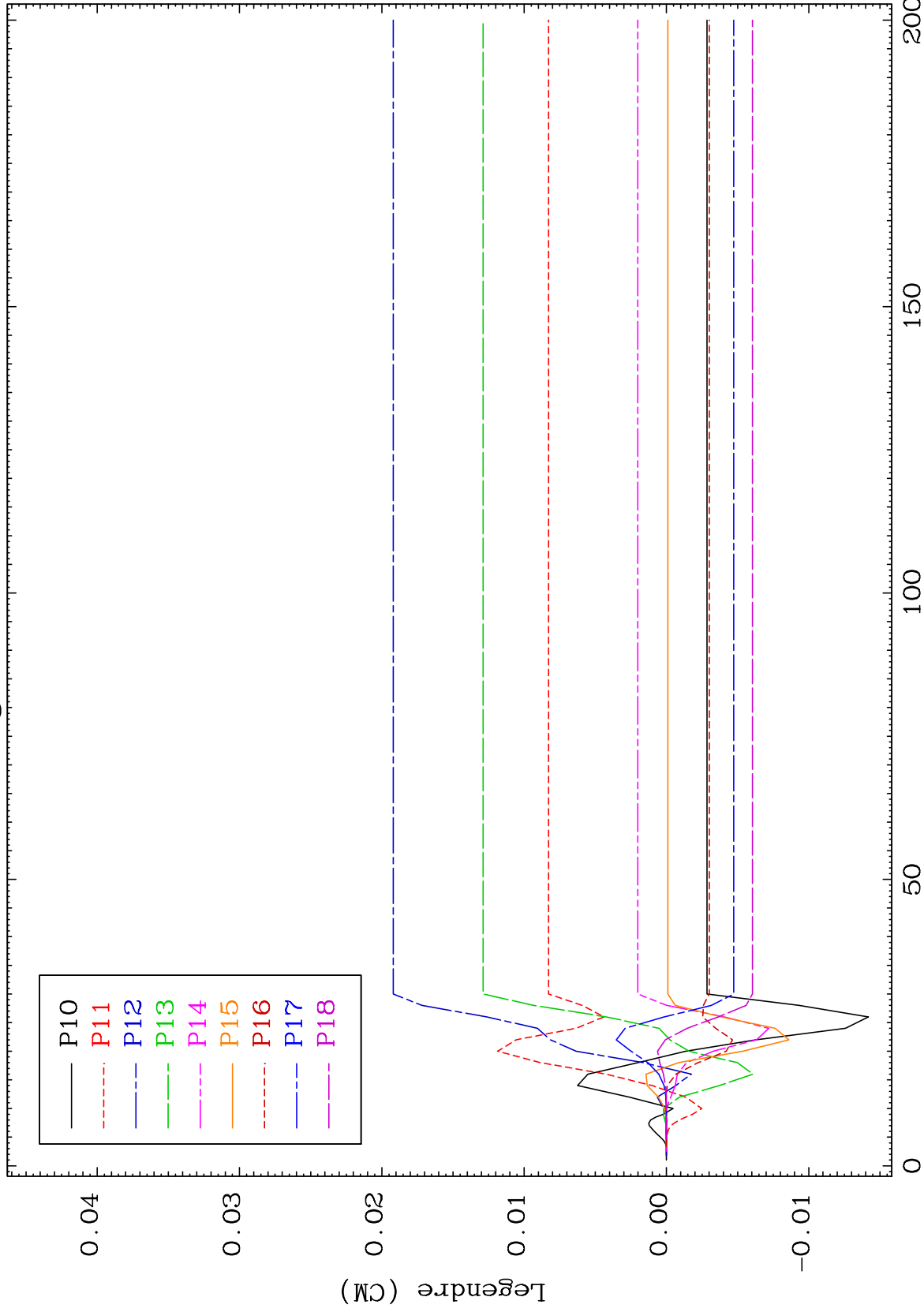
73-Ta-169

Incident Energy (MeV)

MAT 7292

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

73-Ta-169



101

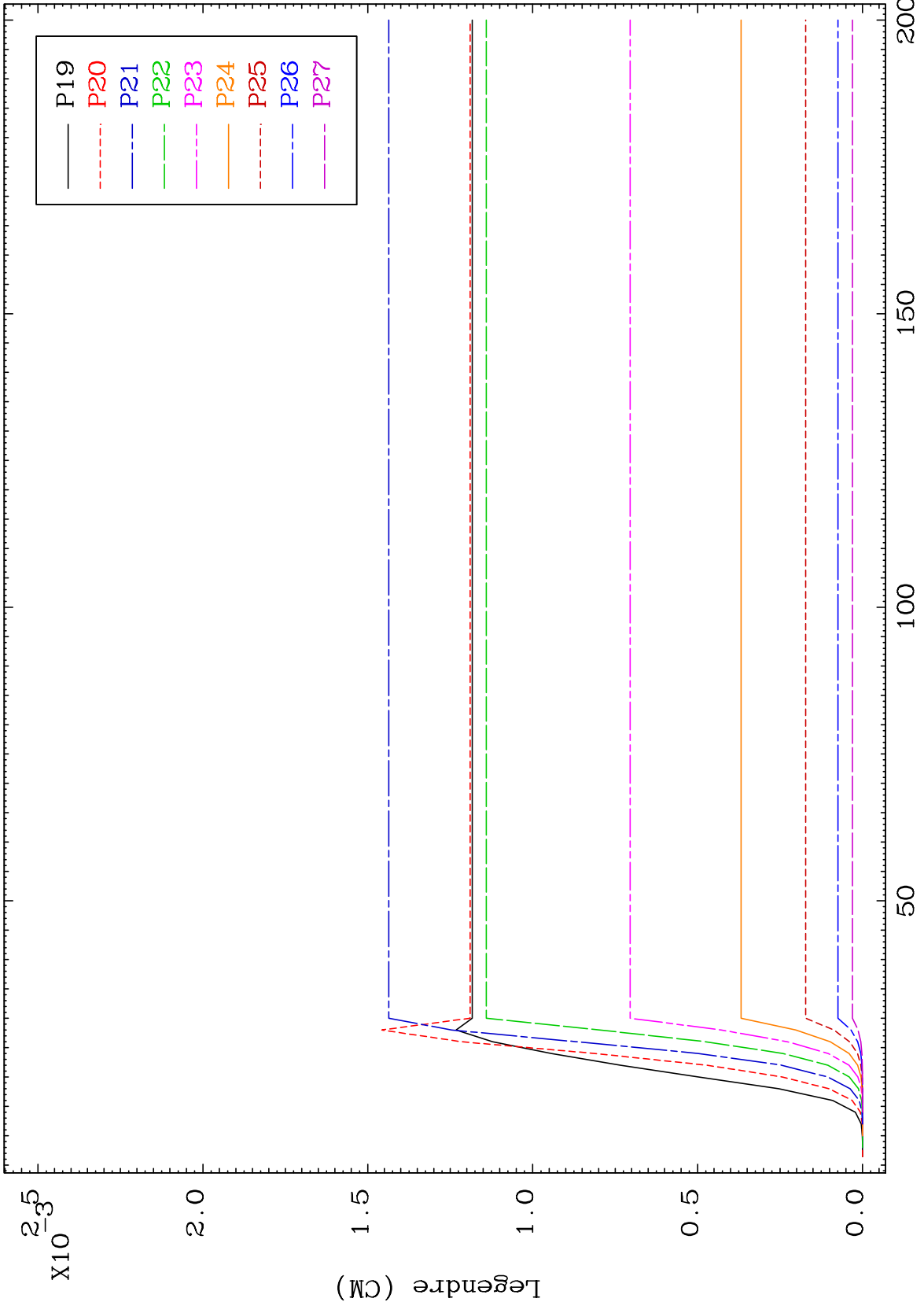
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



102

Incident Energy (MeV)

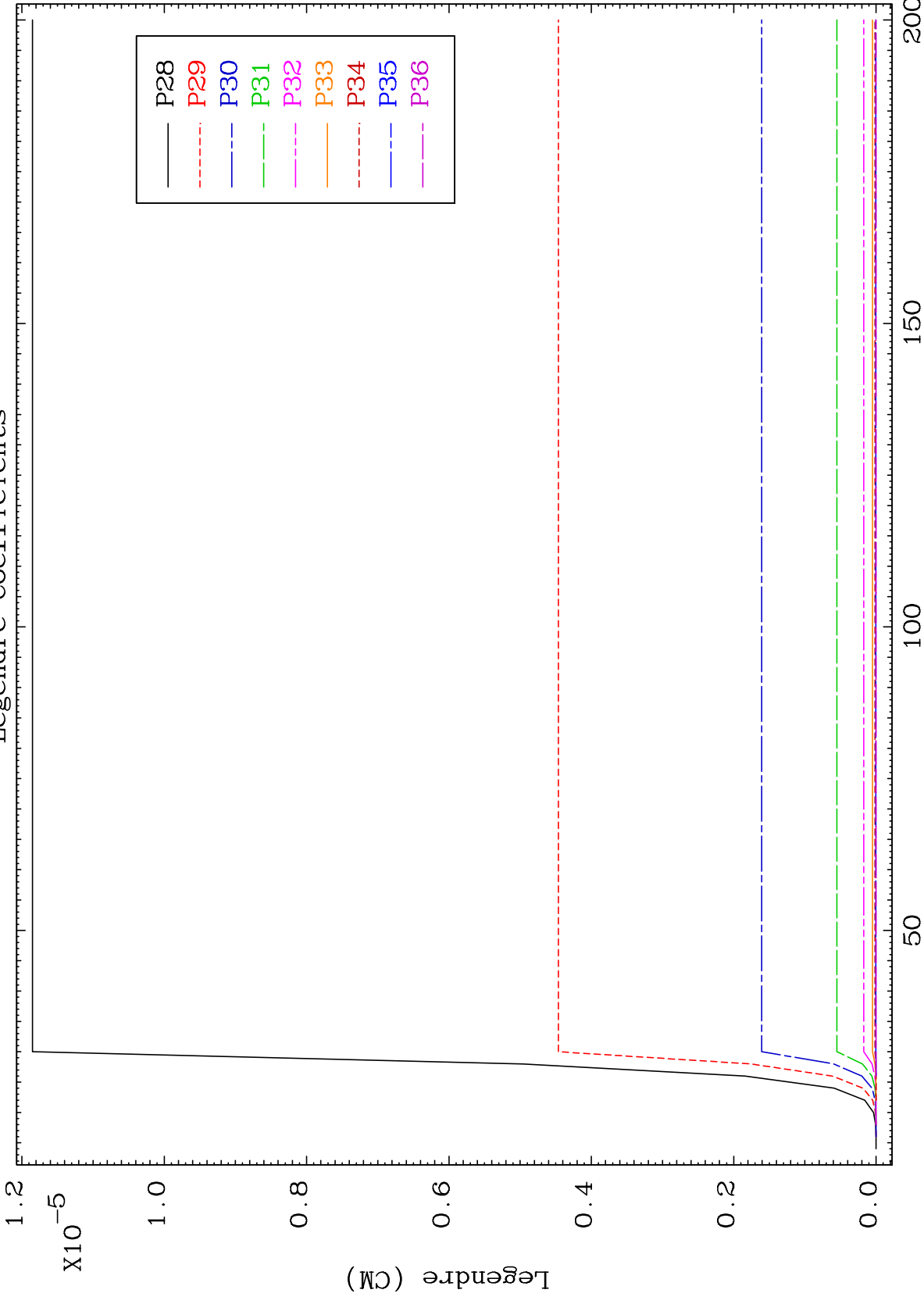
73-Ta-169

MAT 7292

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

73-Ta-169

73-Ta-169

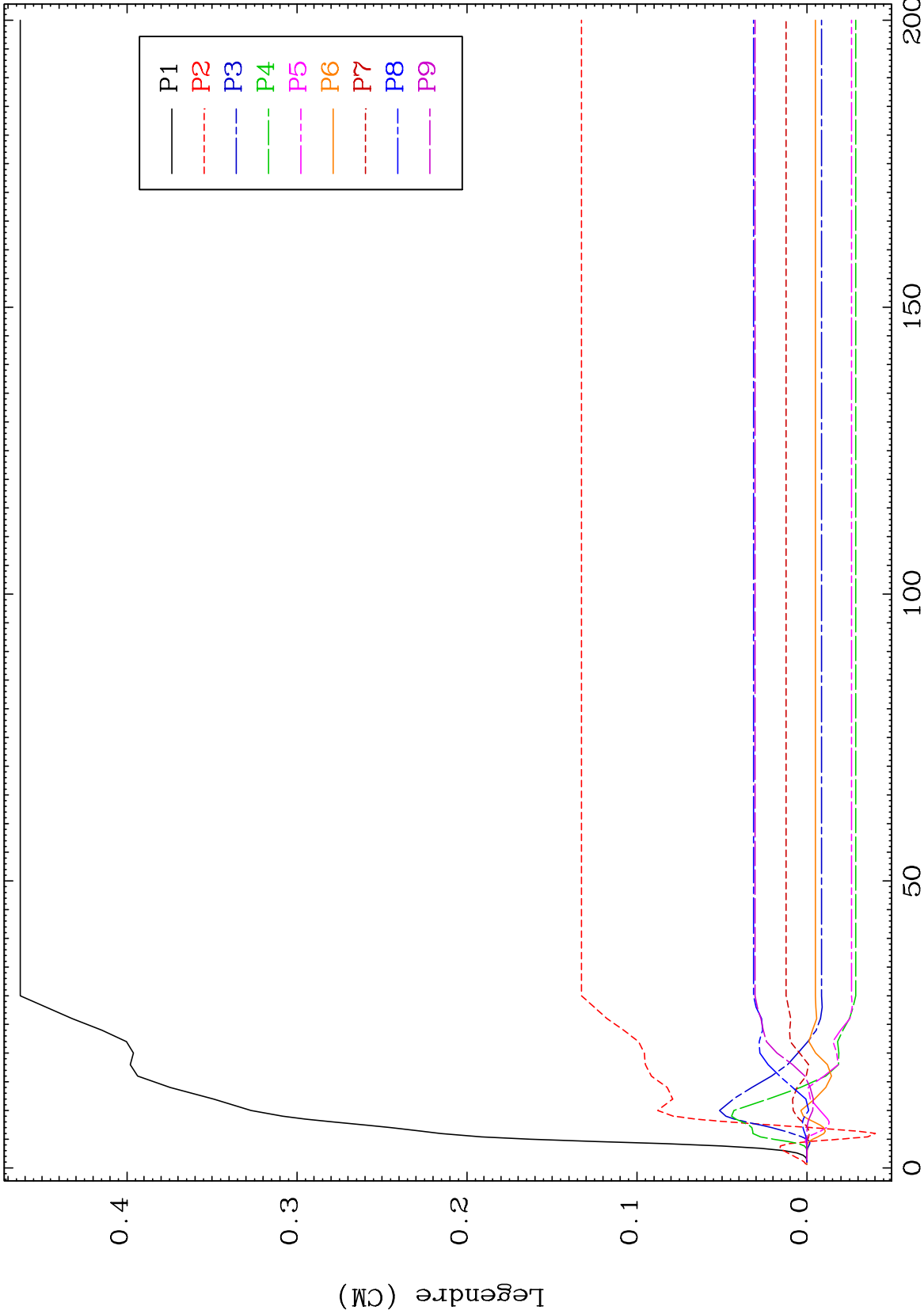


103

MAT 7292

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

73-Ta-169



73-Ta-169

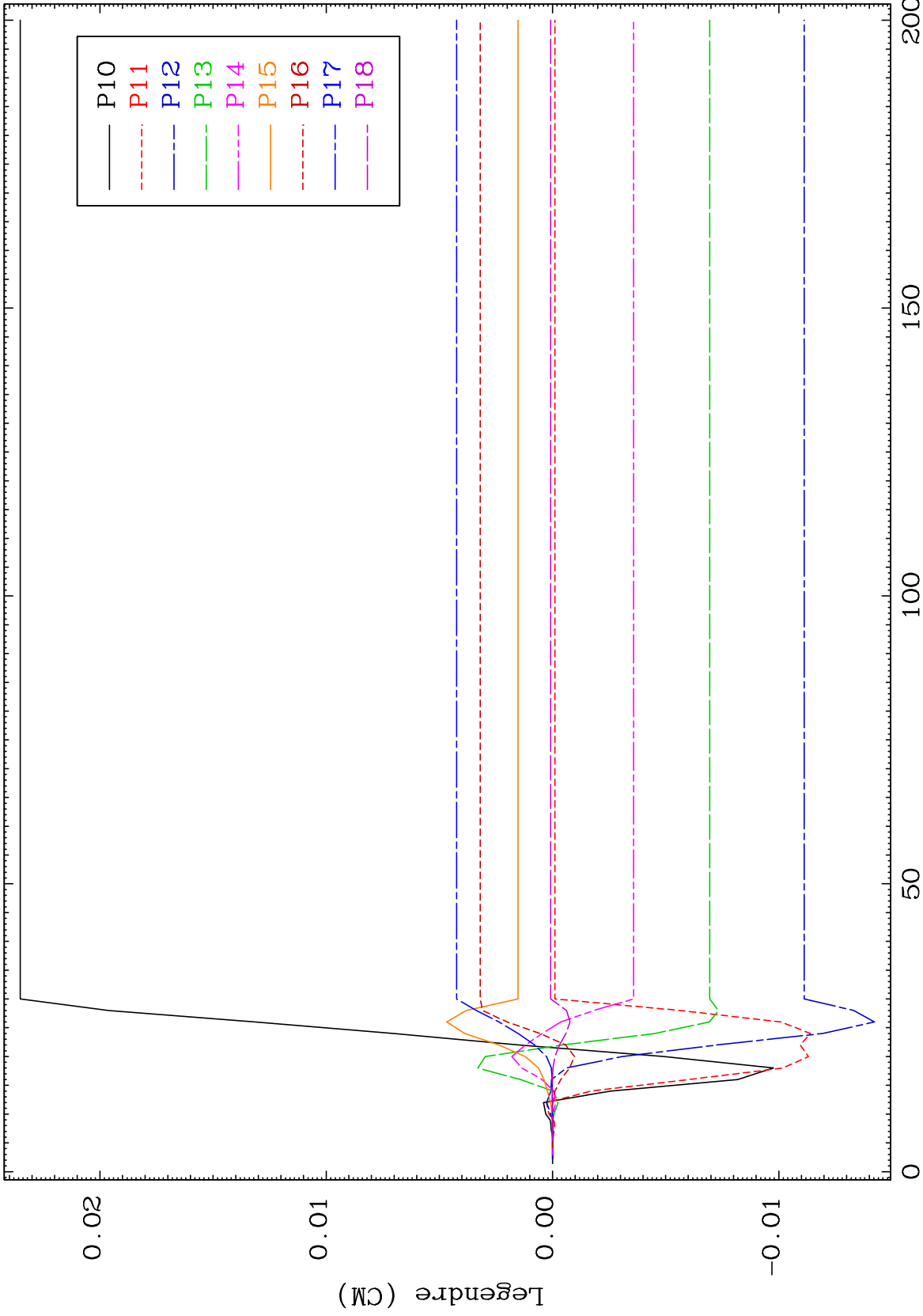
Incident Energy (MeV)

104

MAT 7292

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

73-Ta-169



105

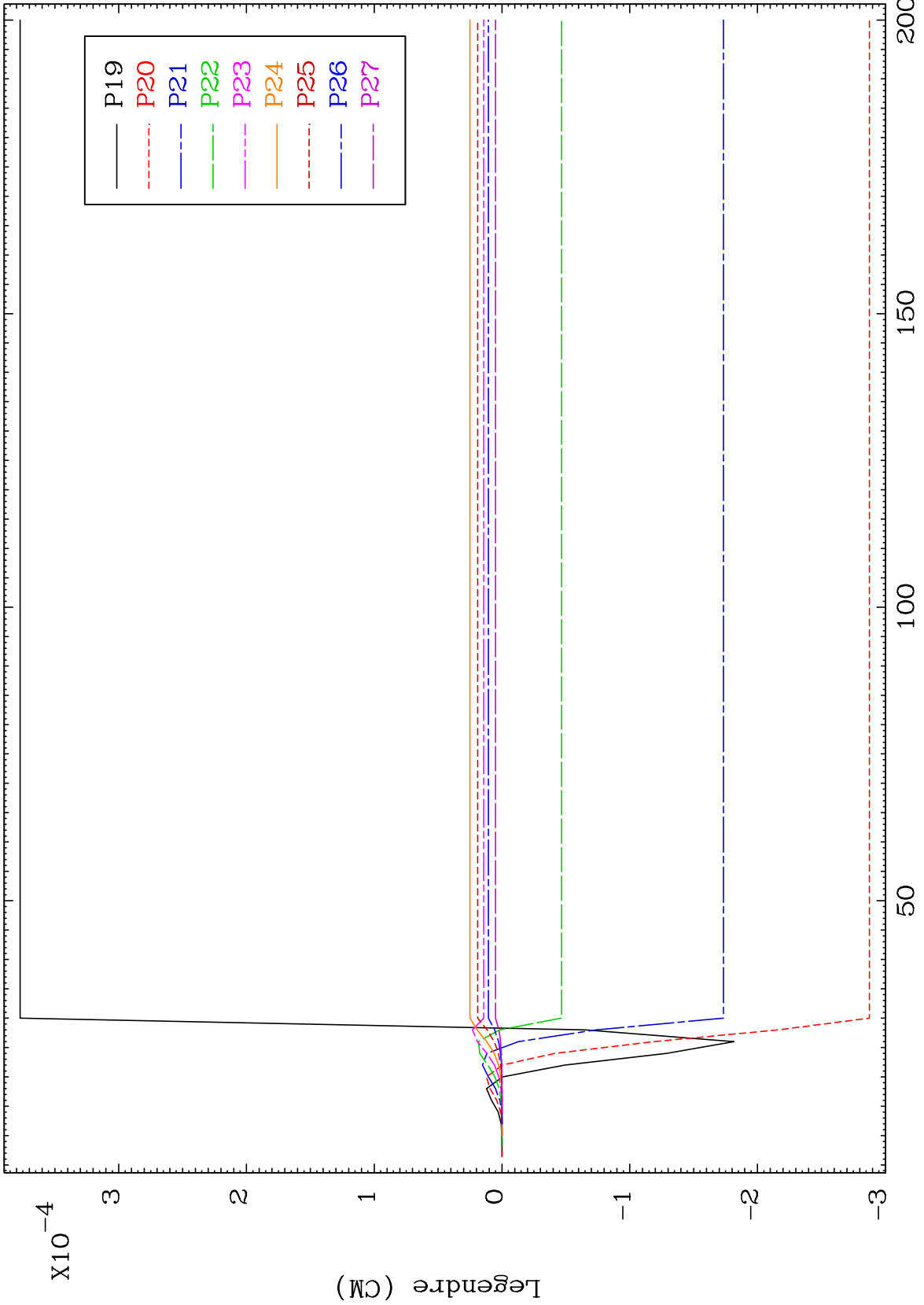
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



106

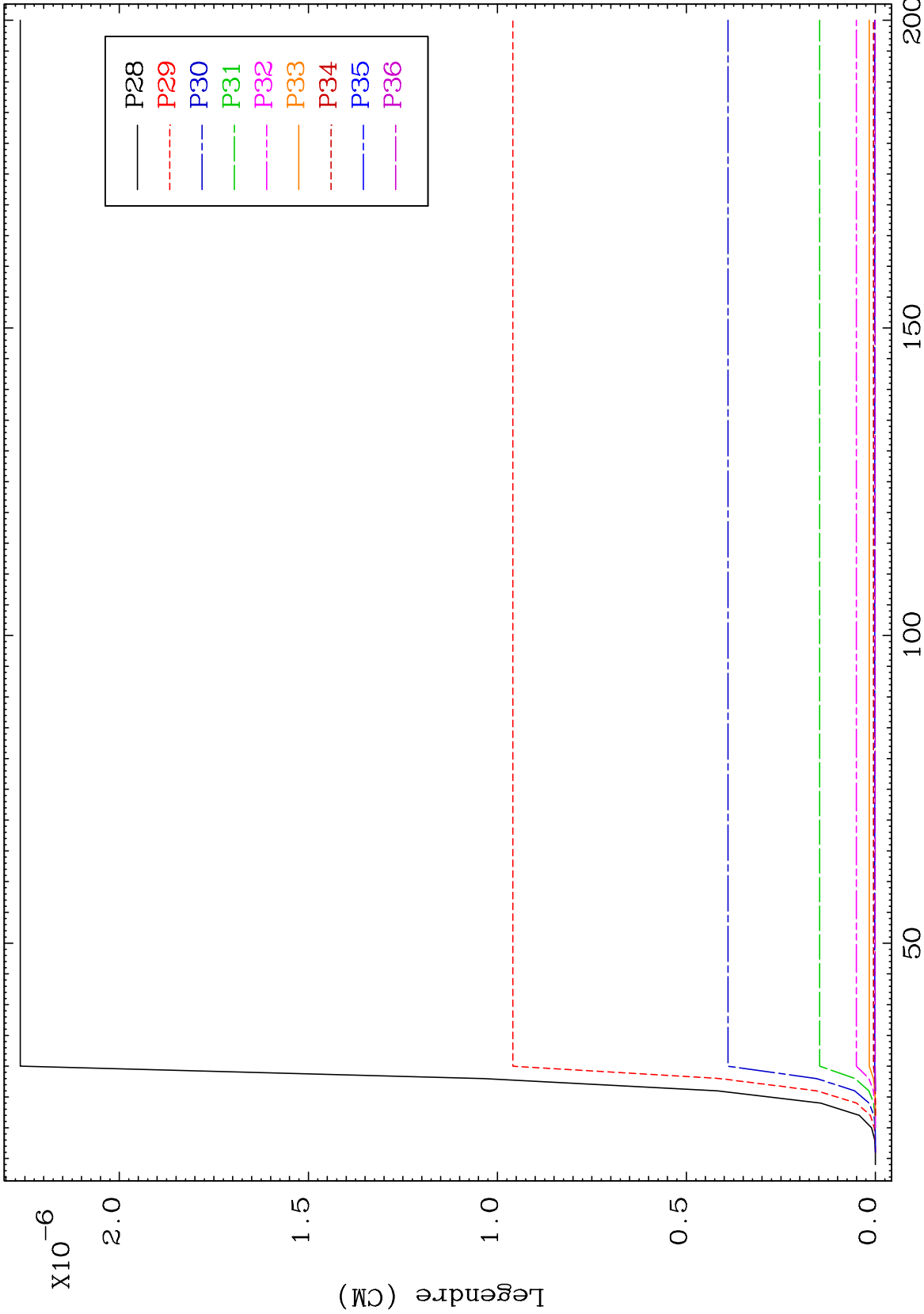
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



107

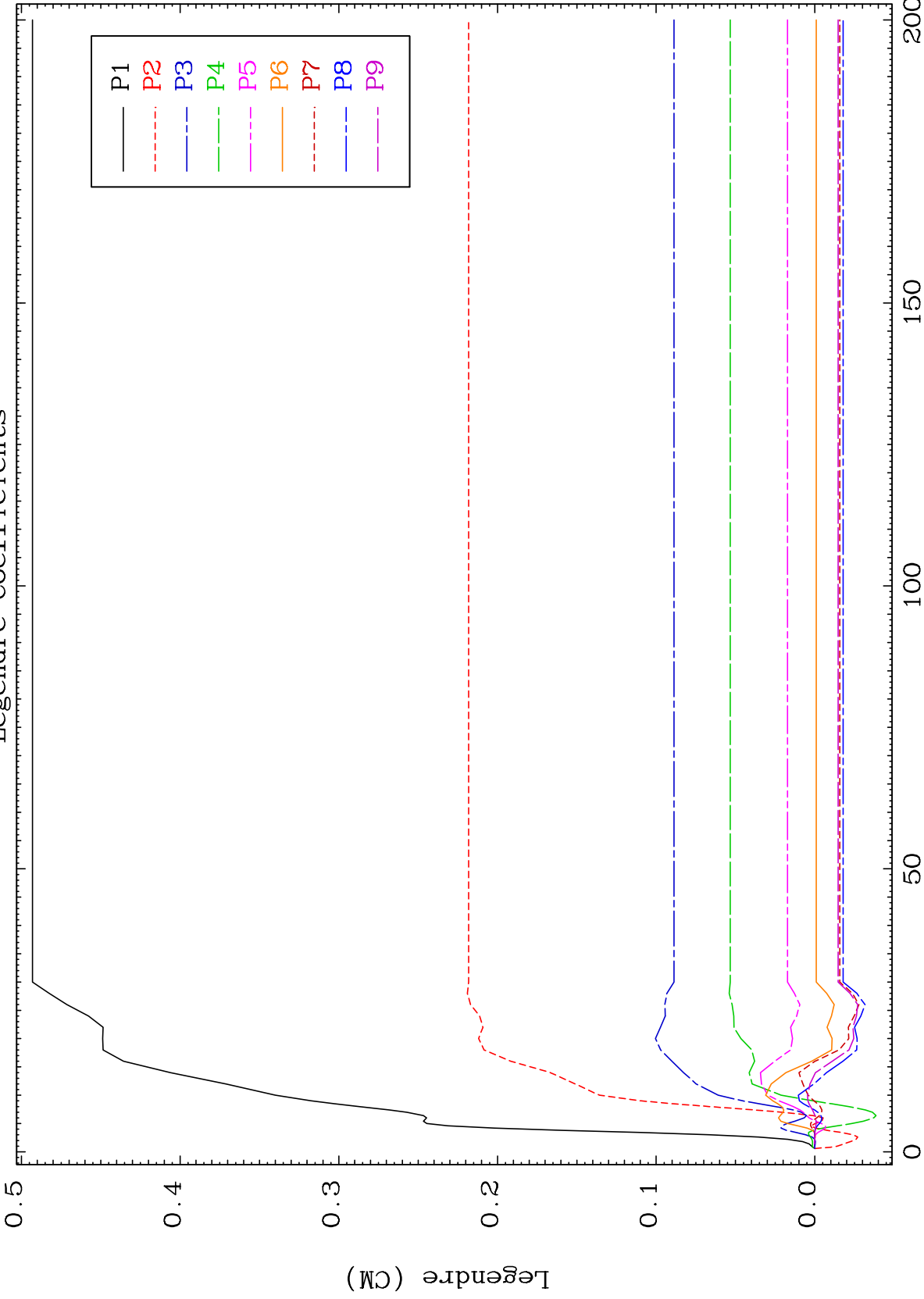
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



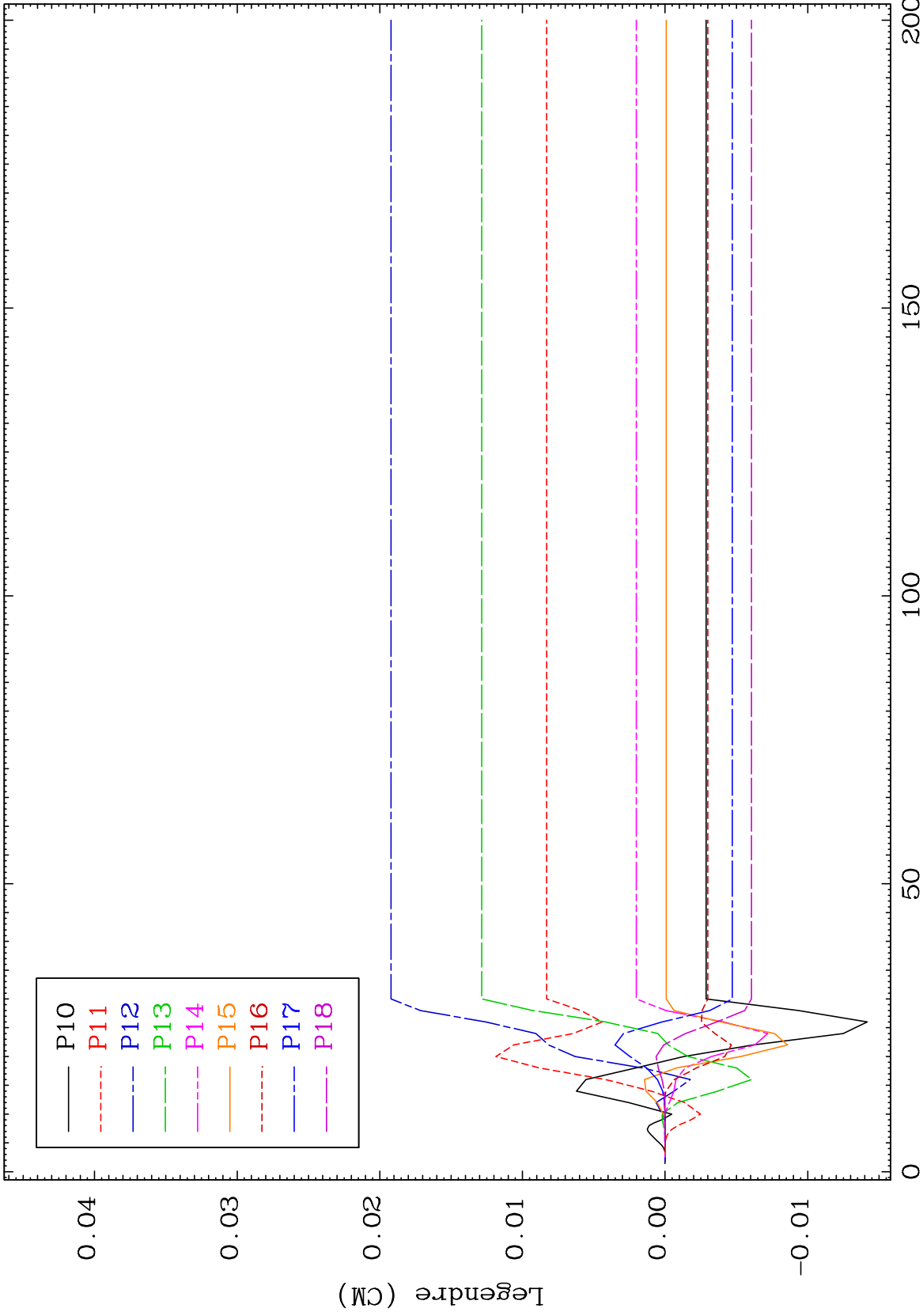
108

73-Ta-169

MAT 7292

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

73-Ta-169



109

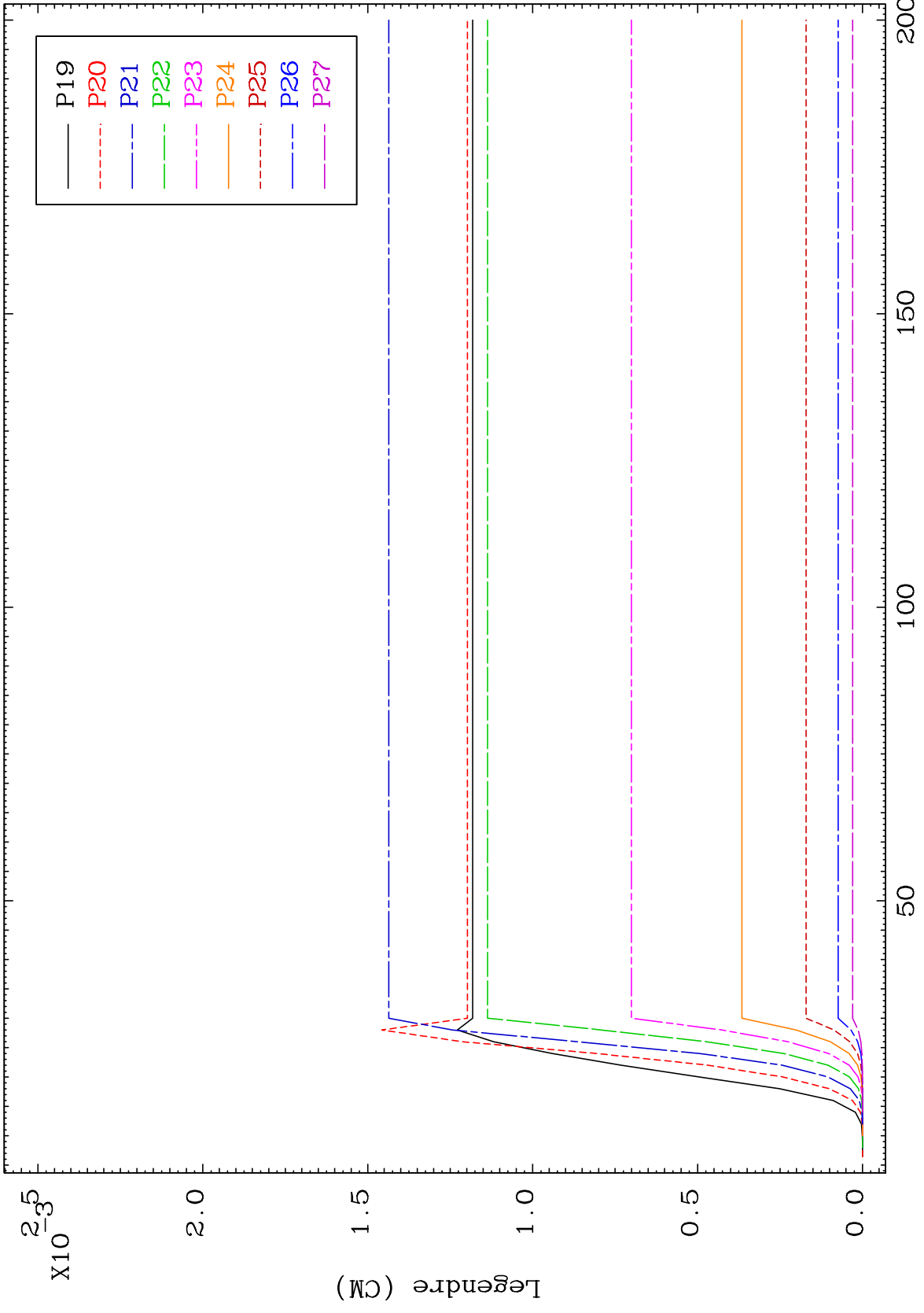
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



110

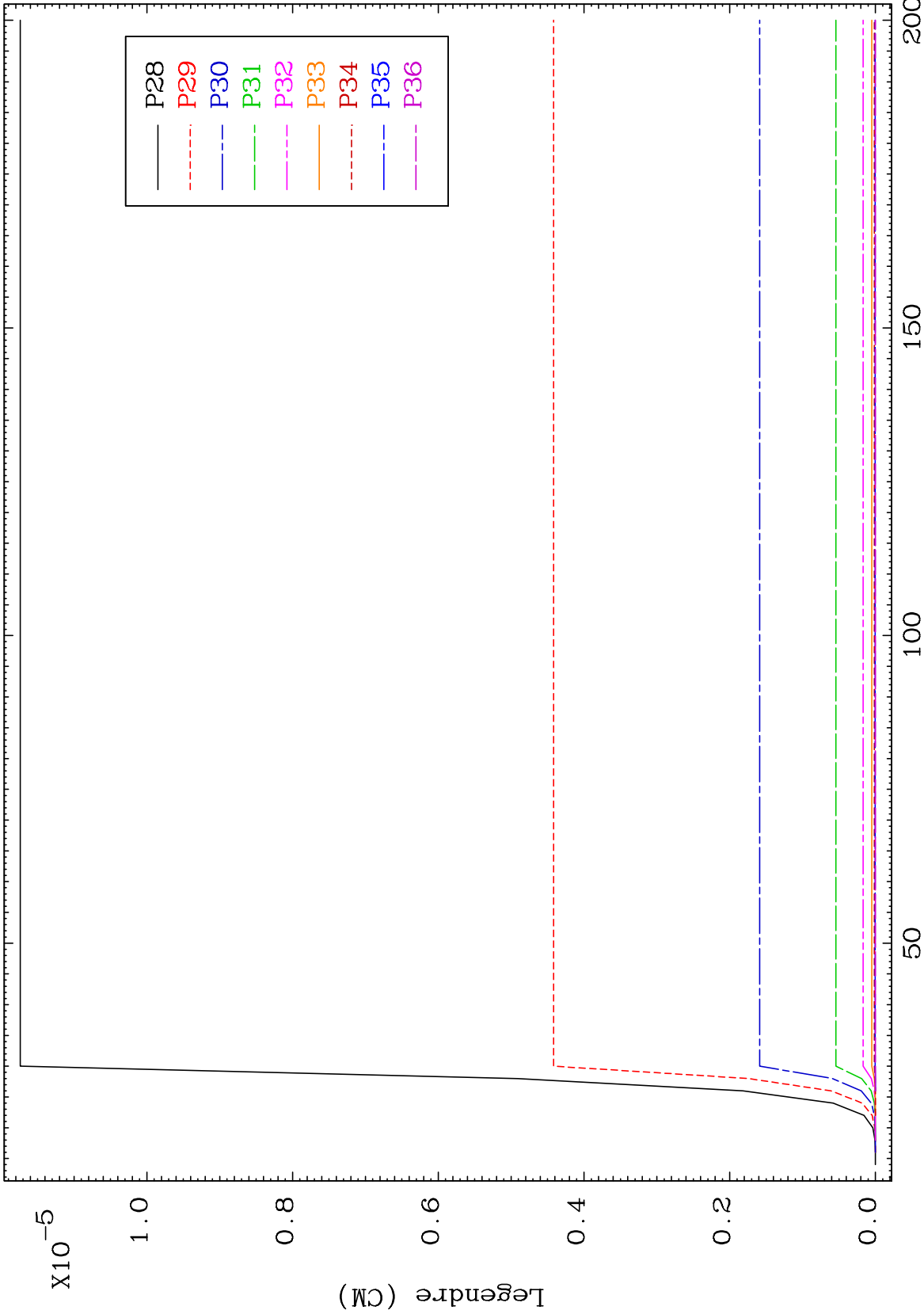
Incident Energy (MeV)

73-Ta-169

MAT 7292

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

73-Ta-169



111

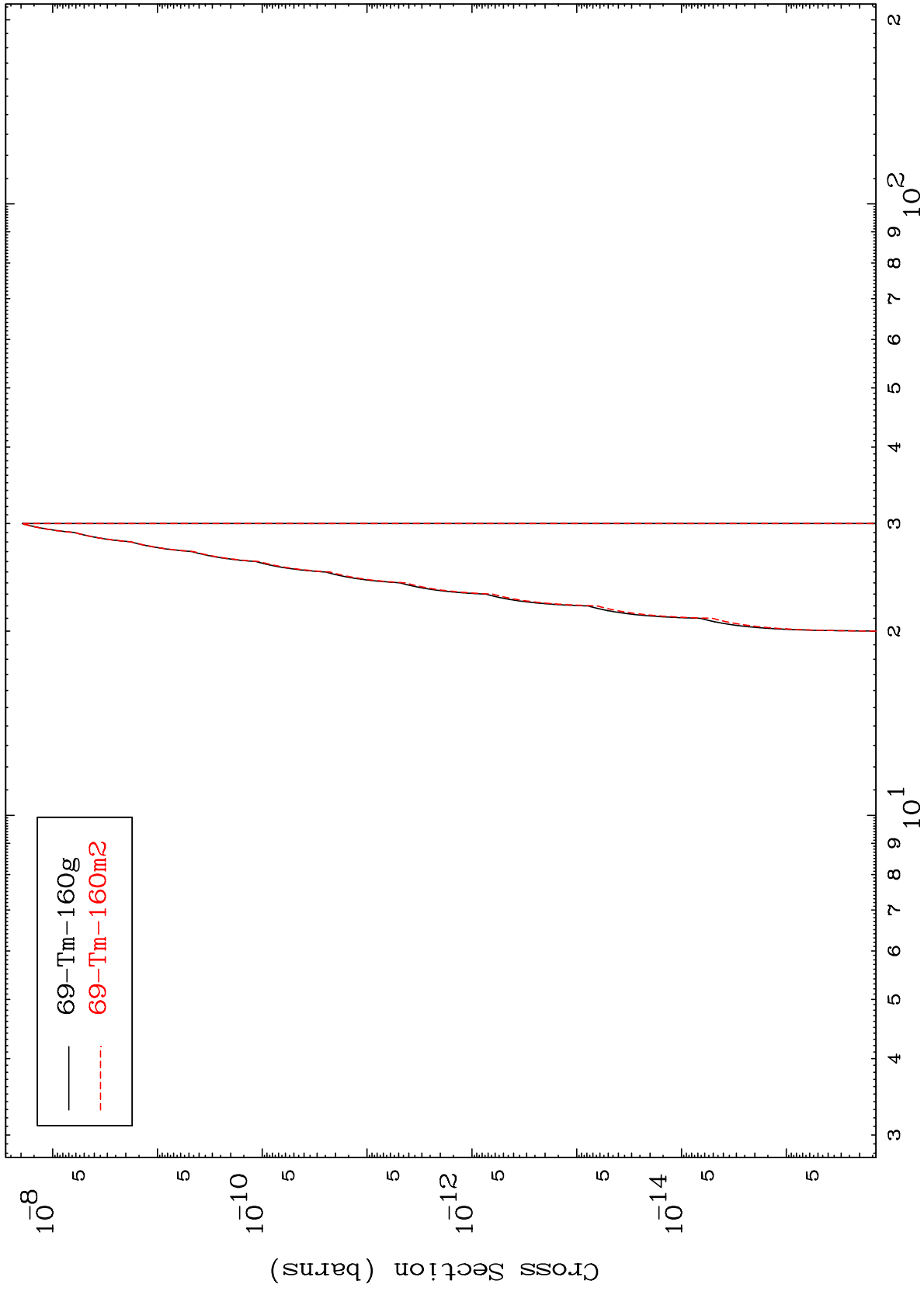
73-Ta-169

MAT 7292

(n,2n) 2 α

73-Ta-169

Radionuclide Production Cross Section



112

Incident Energy (MeV)

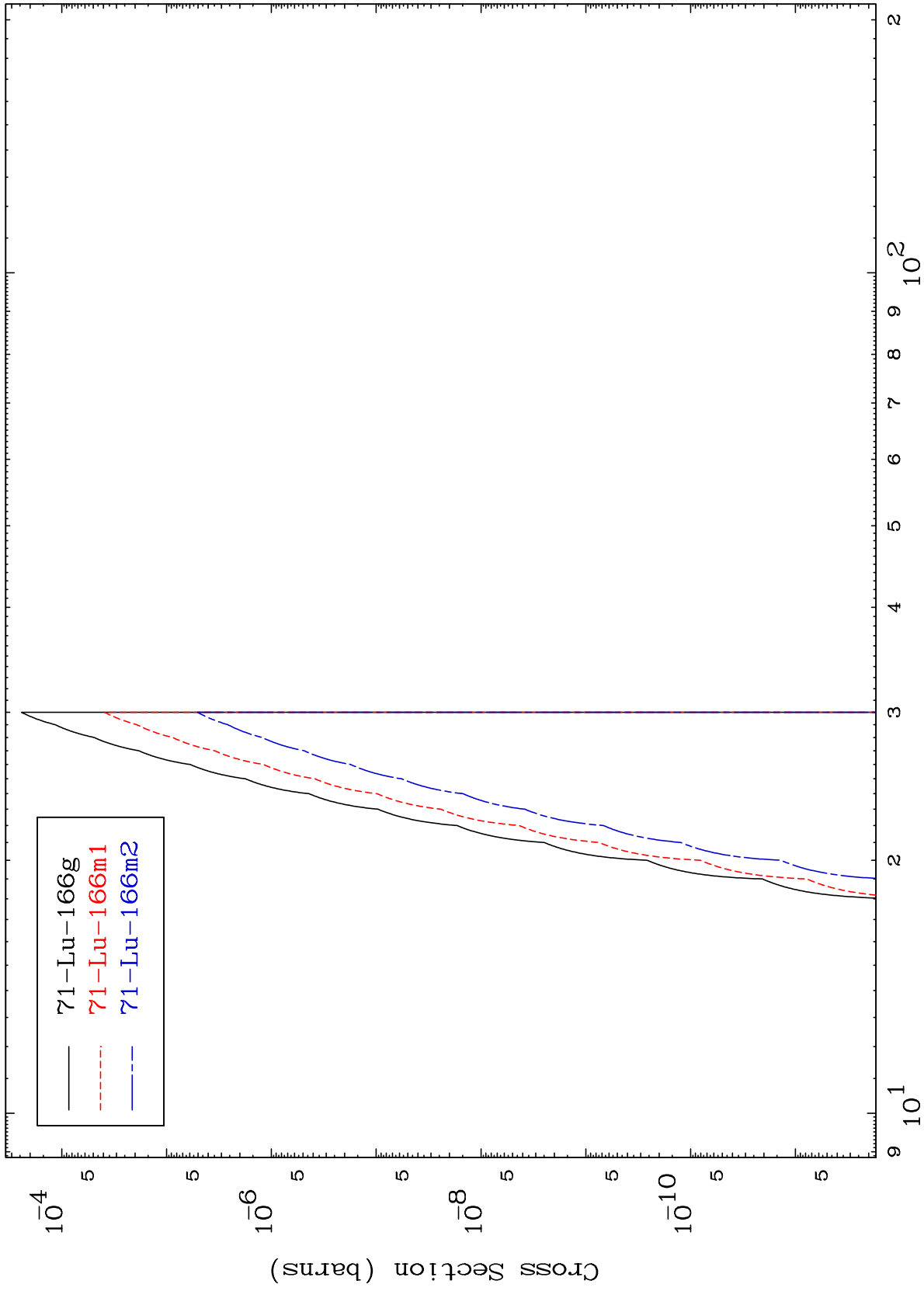
73-Ta-169

MAT 7292

(n, n') He-3

73-Ta-169

Radionuclide Production Cross Section



113

Incident Energy (MeV)

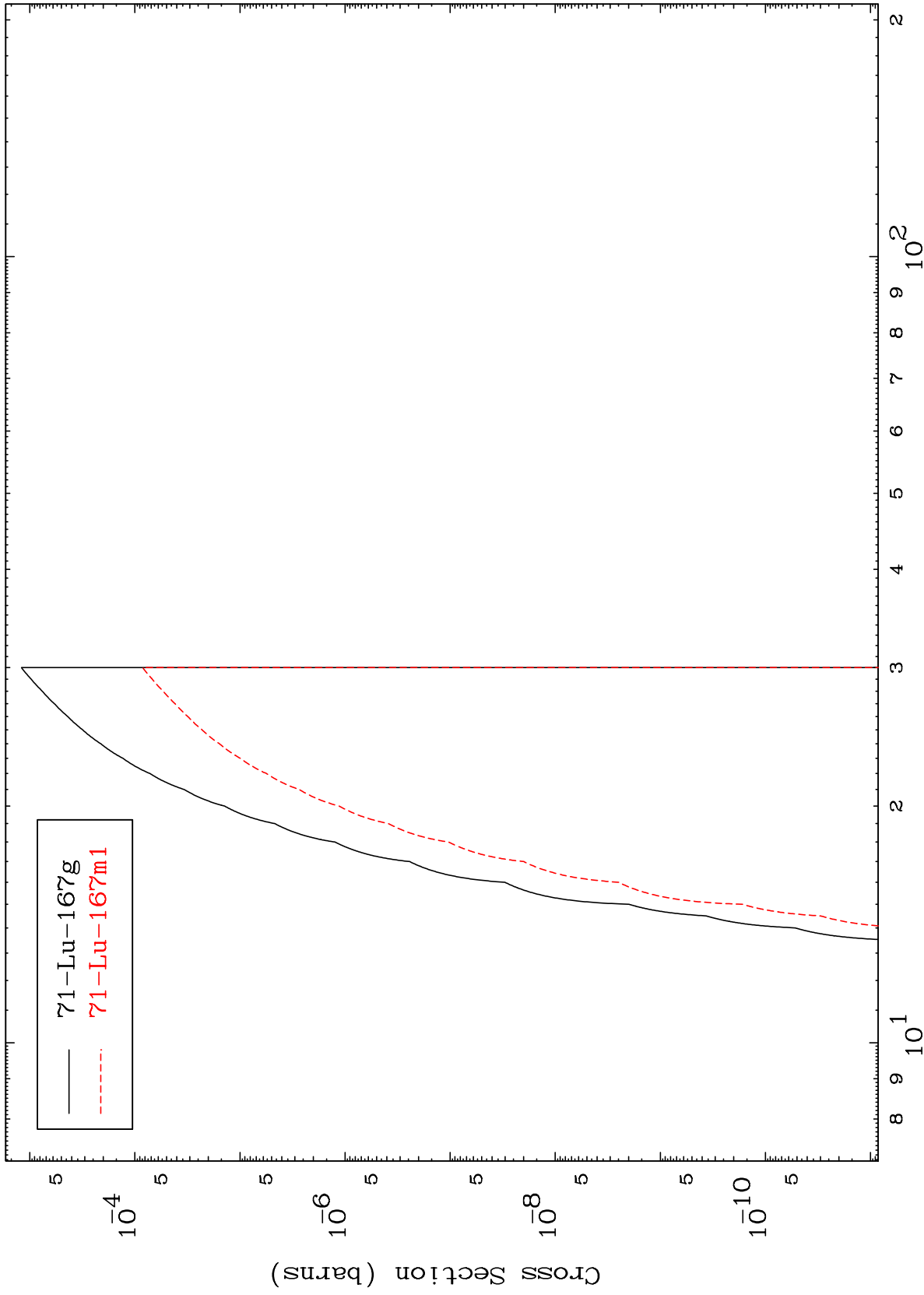
73-Ta-169

MAT 7292

(n,2n) p

73-Ta-169

Radionuclide Production Cross Section



114

Incident Energy (MeV)

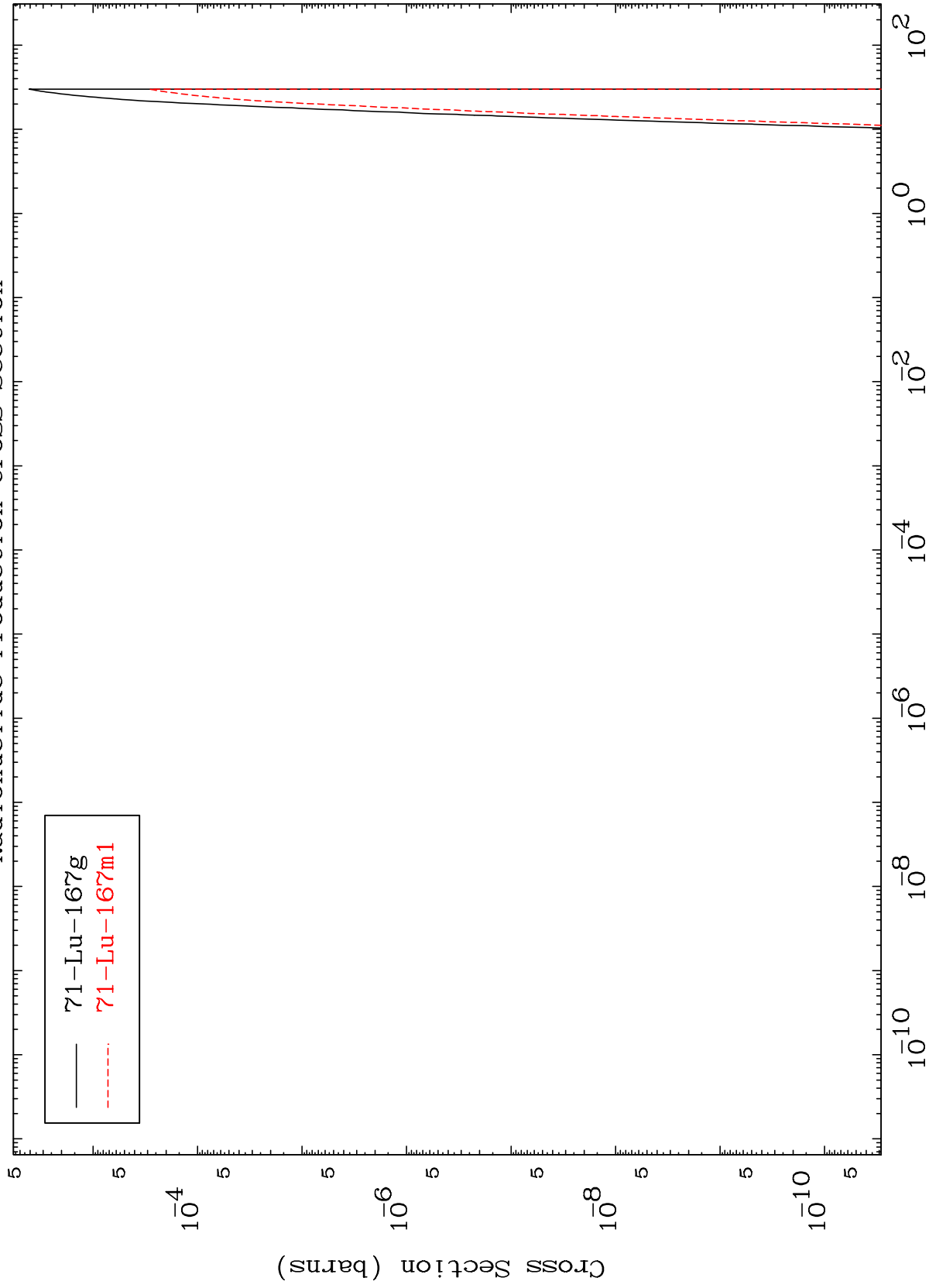
73-Ta-169

MAT 7292

(n, He-3)

73-Ta-169

Radionuclide Production Cross Section



115

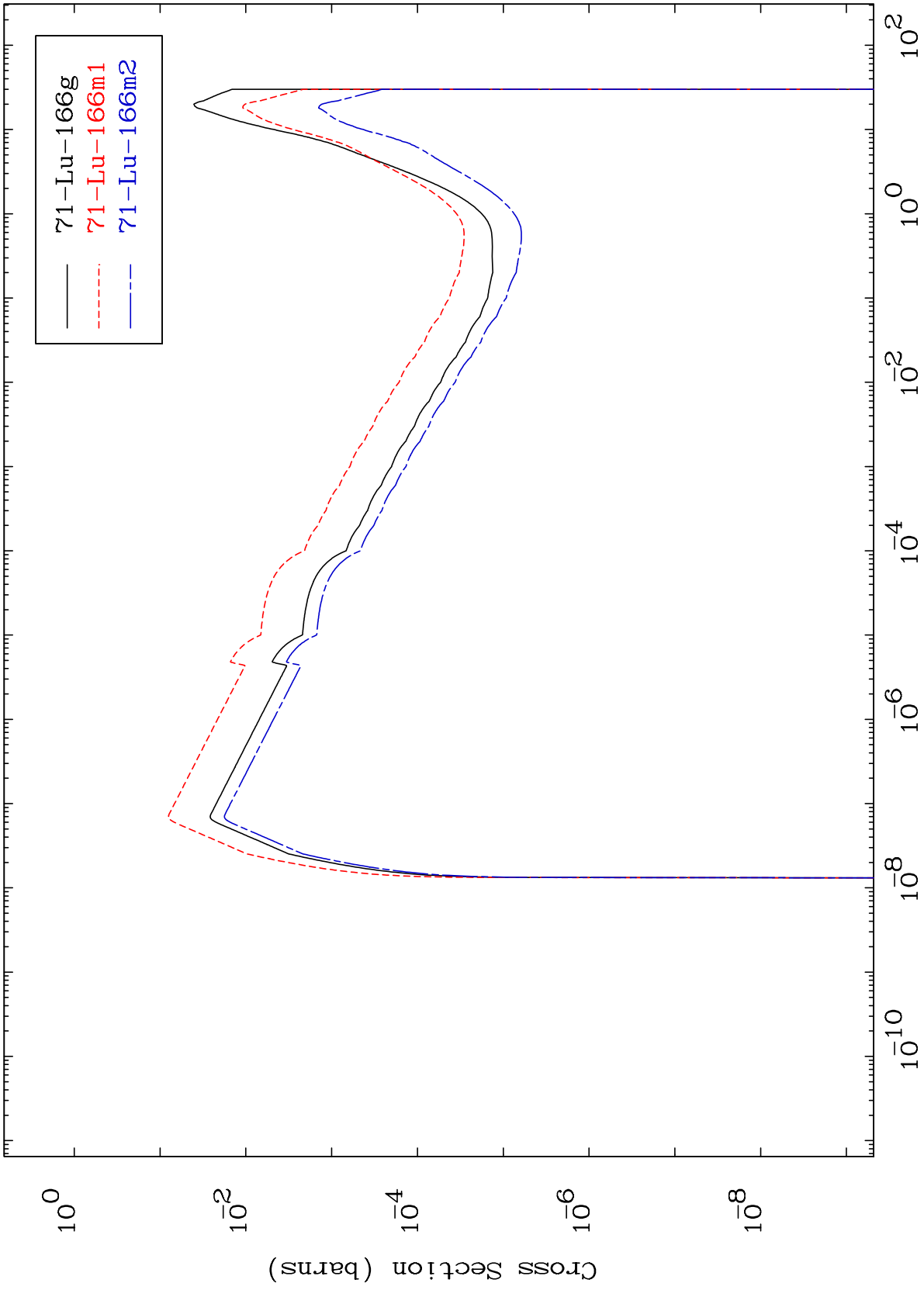
Incident Energy (MeV)

73-Ta-169

MAT 7292

73-Ta-169

(n,α)
Radionuclide Production Cross Section



116

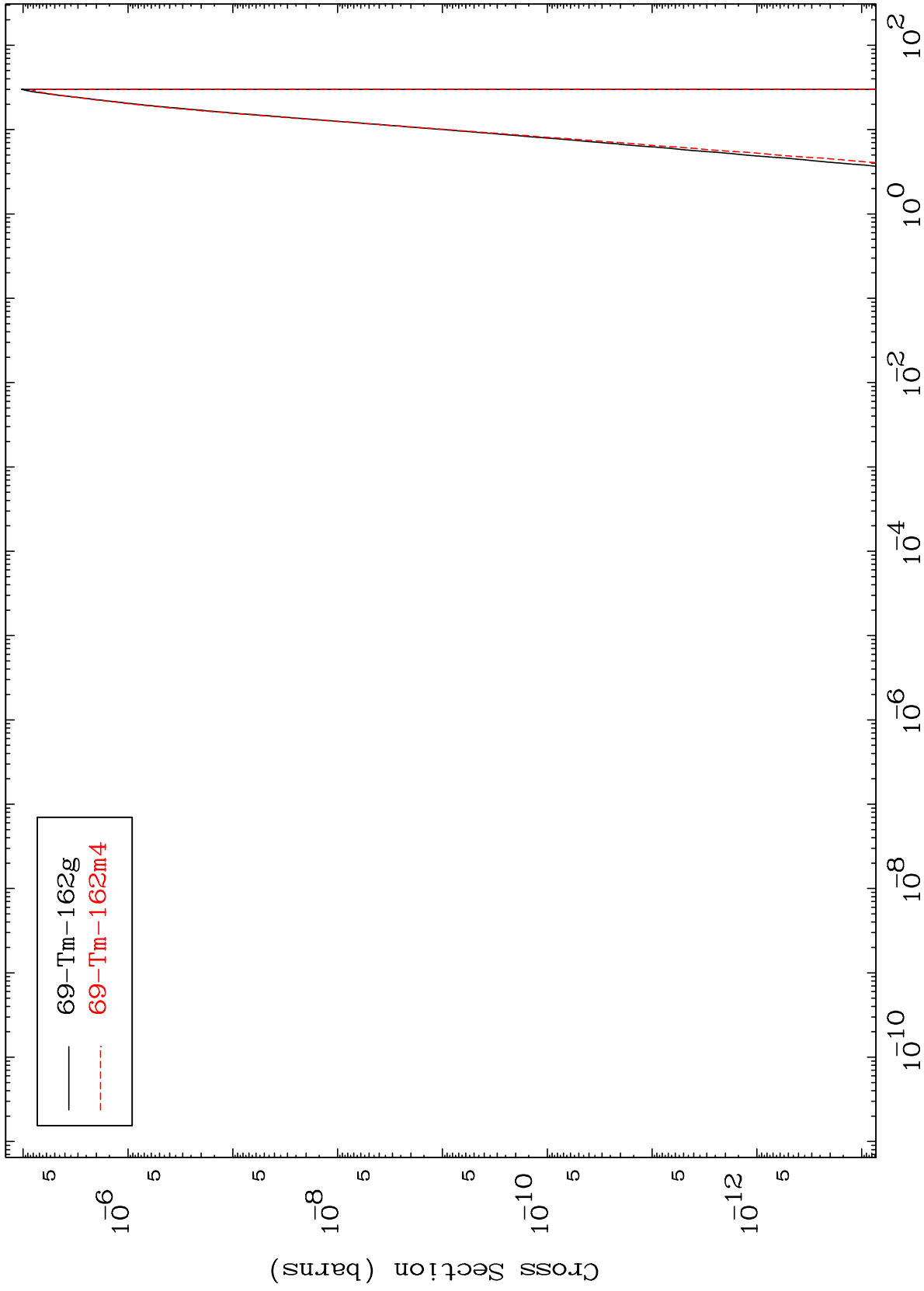
73-Ta-169

MAT 7292

(n,2α)

73-Ta-169

Radionuclide Production Cross Section



117

Incident Energy (MeV)

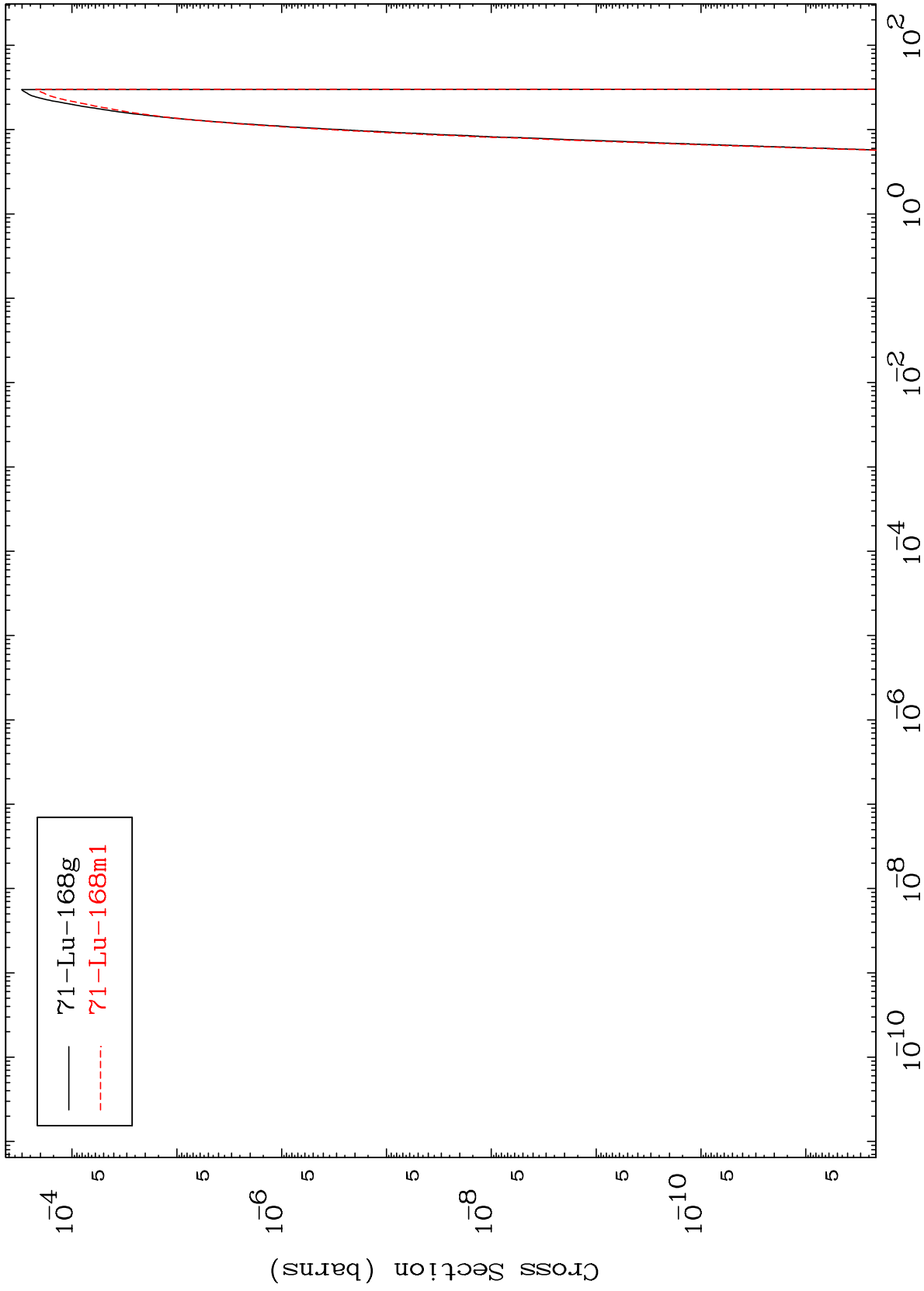
73-Ta-169

MAT 7292

(n,2p)

73-Ta-169

Radionuclide Production Cross Section



118

Incident Energy (MeV)

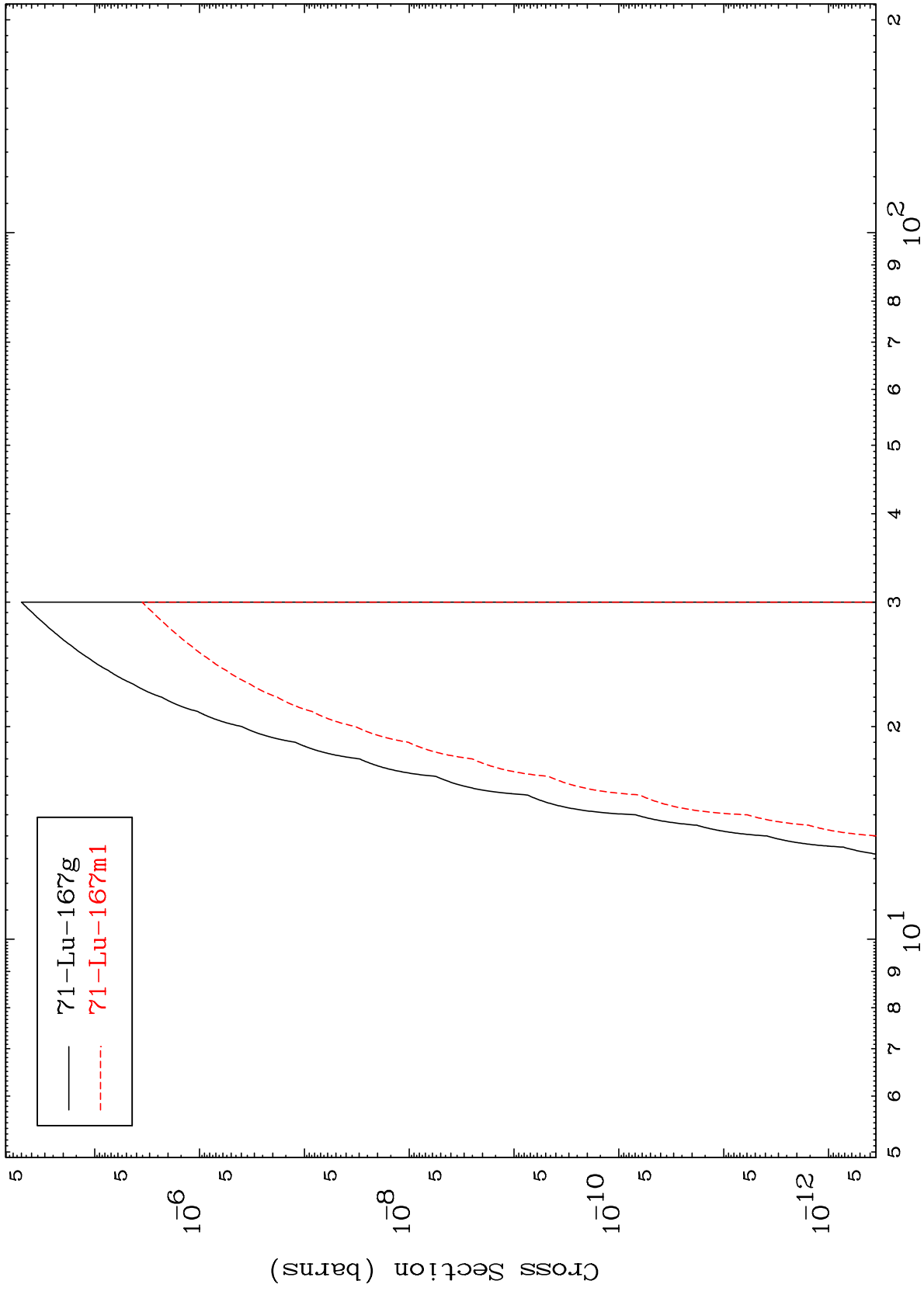
73-Ta-169

MAT 7292

(n,p) d

73-Ta-169

Radionuclide Production Cross Section



119

Incident Energy (MeV)

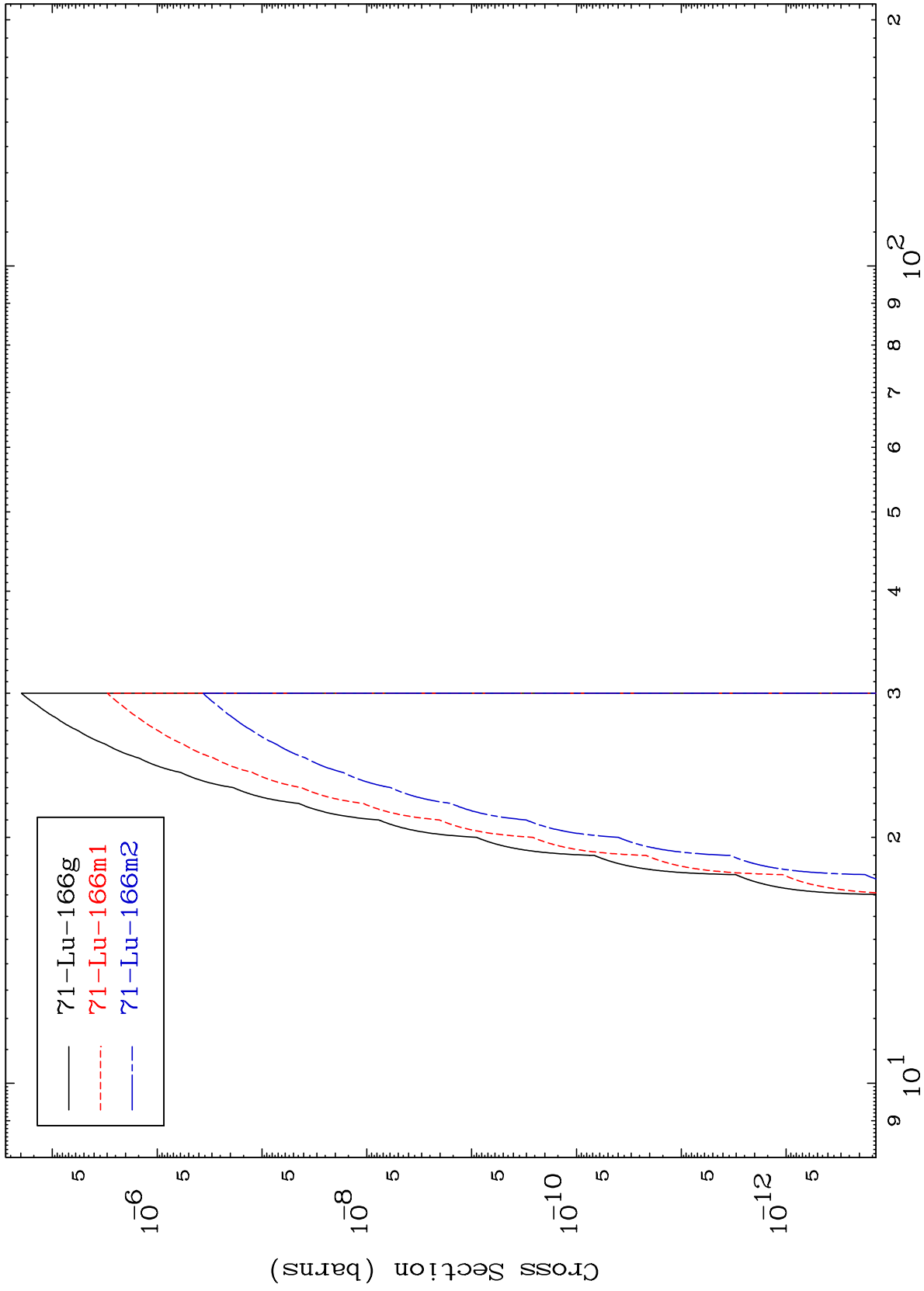
73-Ta-169

MAT 7292

(n,p) t

73-Ta-169

Radionuclide Production Cross Section



120

Incident Energy (MeV)

73-Ta-169