

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

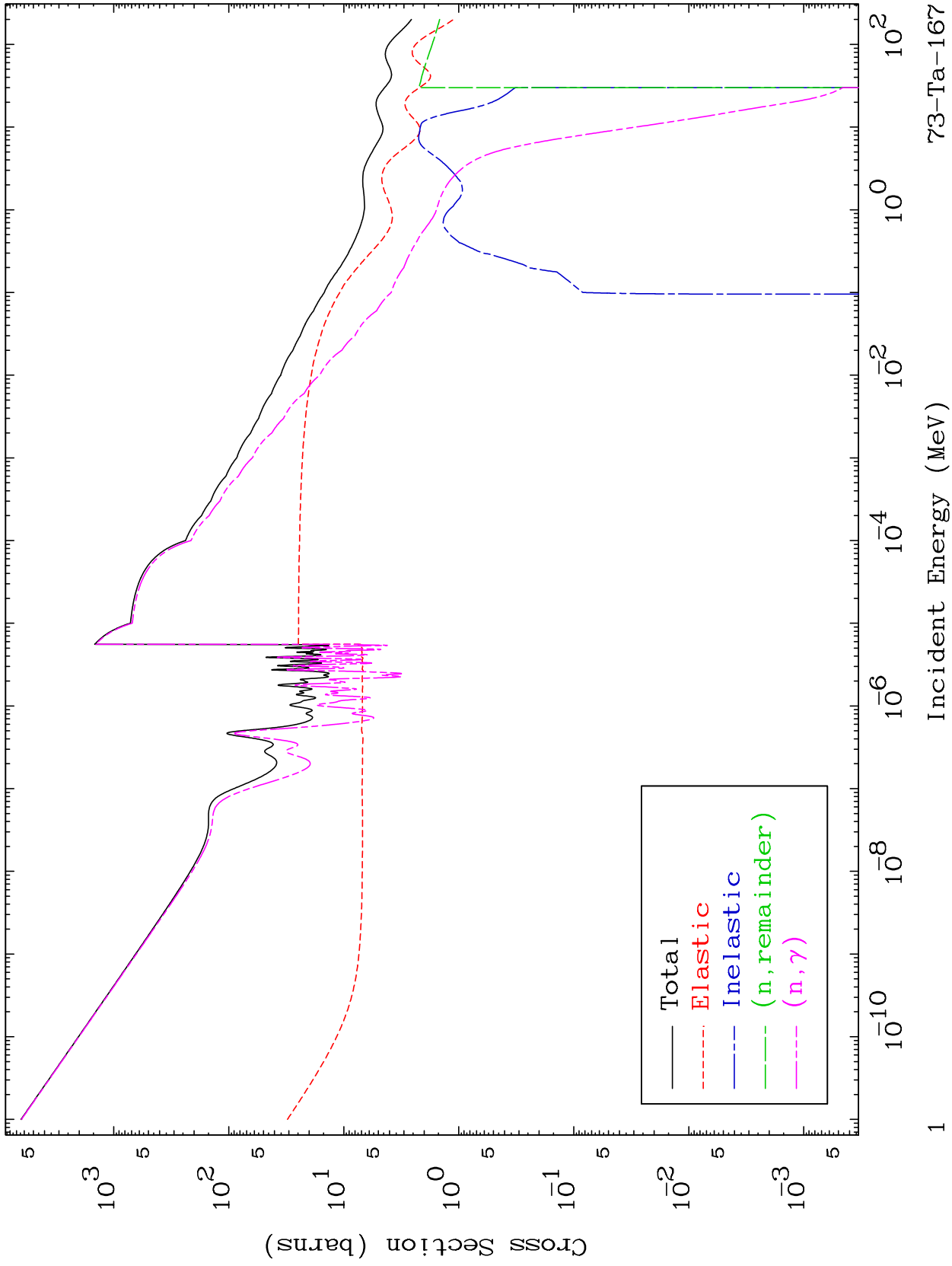
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7286

Major
293 Kelvin Cross Sections

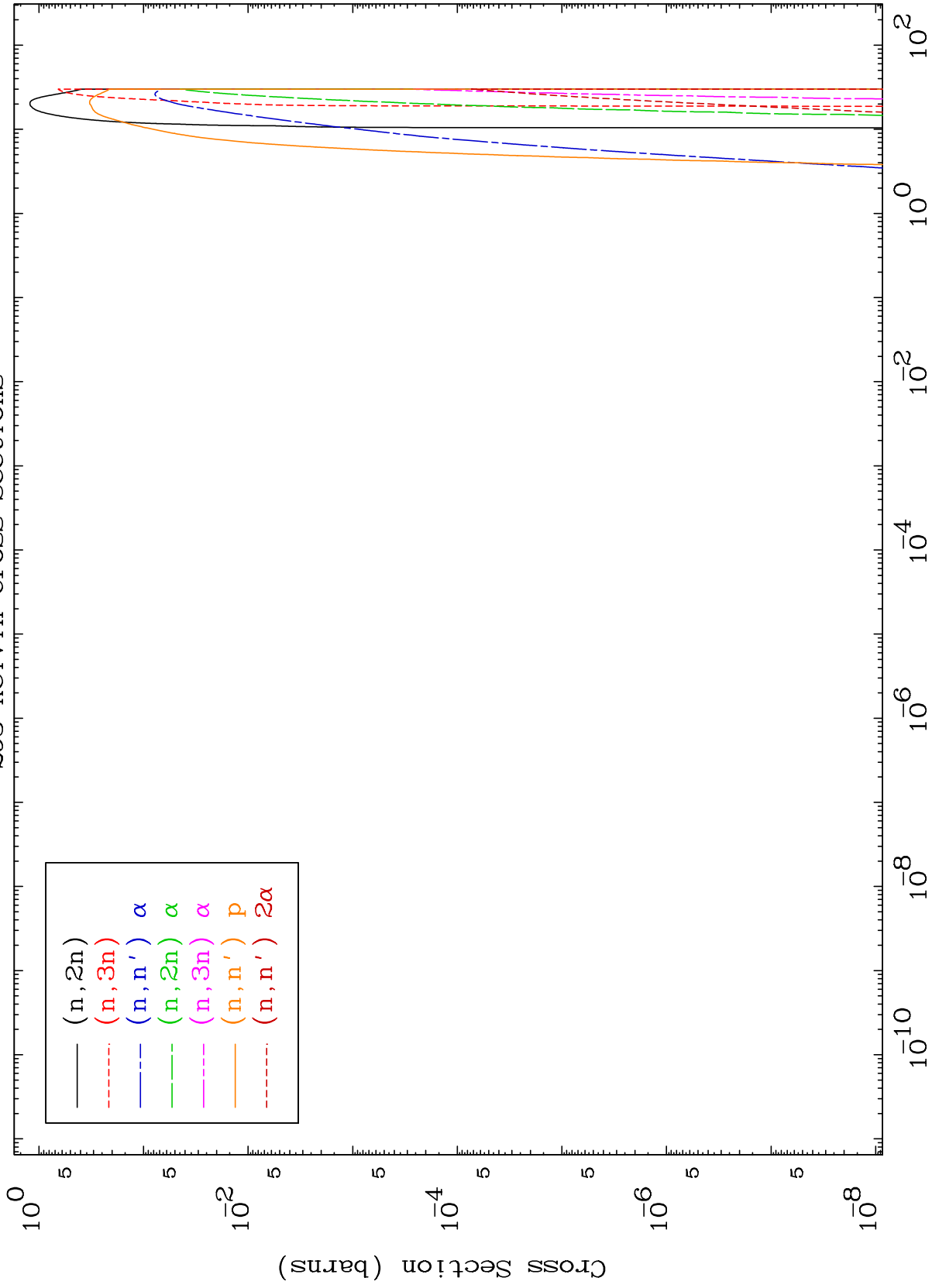
73-Ta-167



MAT 7286

Neutron Production
293 Kelvin Cross Sections

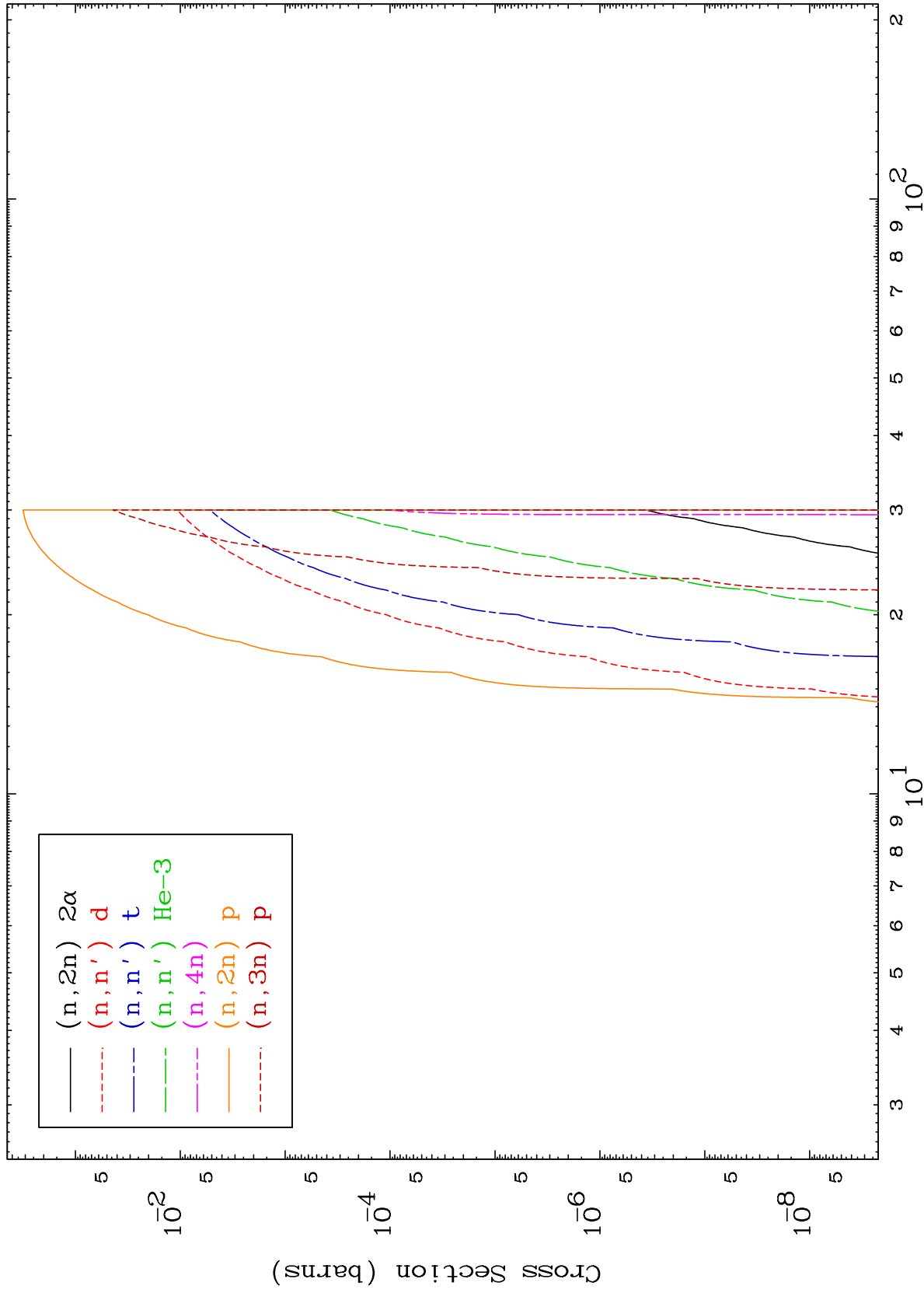
73-Ta-167



2

Incident Energy (MeV)

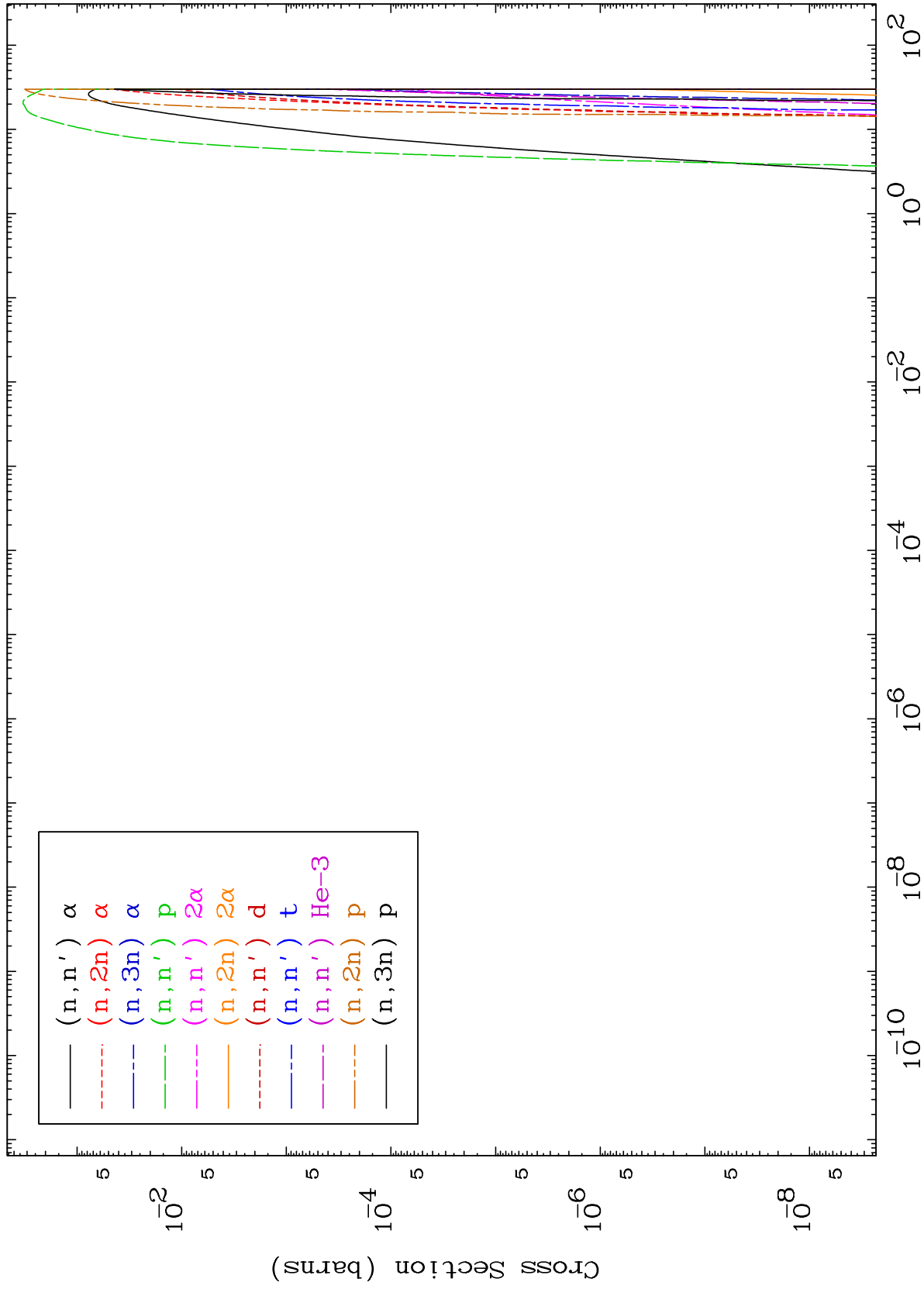
73-Ta-167



MAT 7286

Charged Particle
293 Kelvin Cross Sections

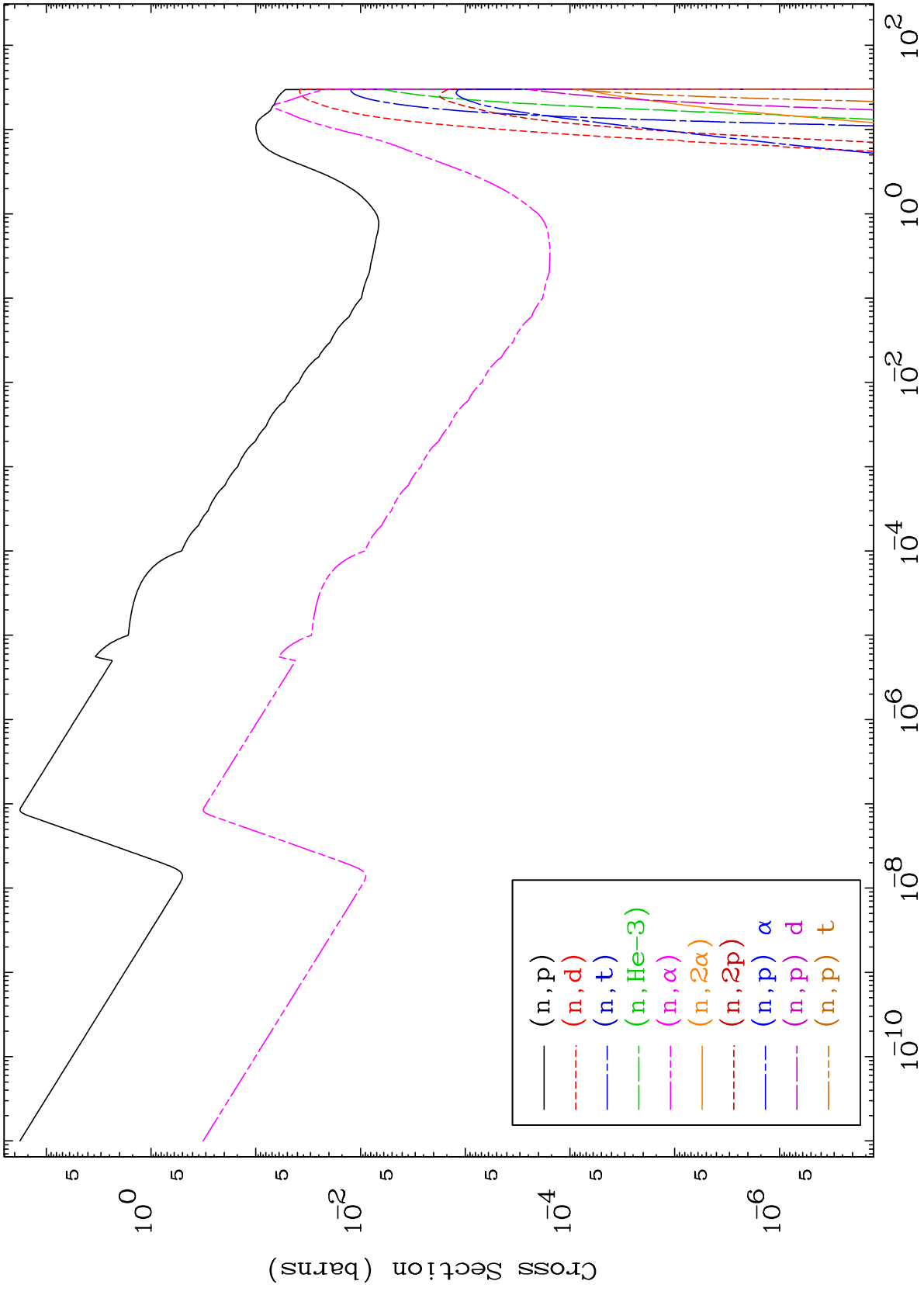
73-Ta-167



MAT 7286

Charged Particle
293 Kelvin Cross Sections

73-Ta-167

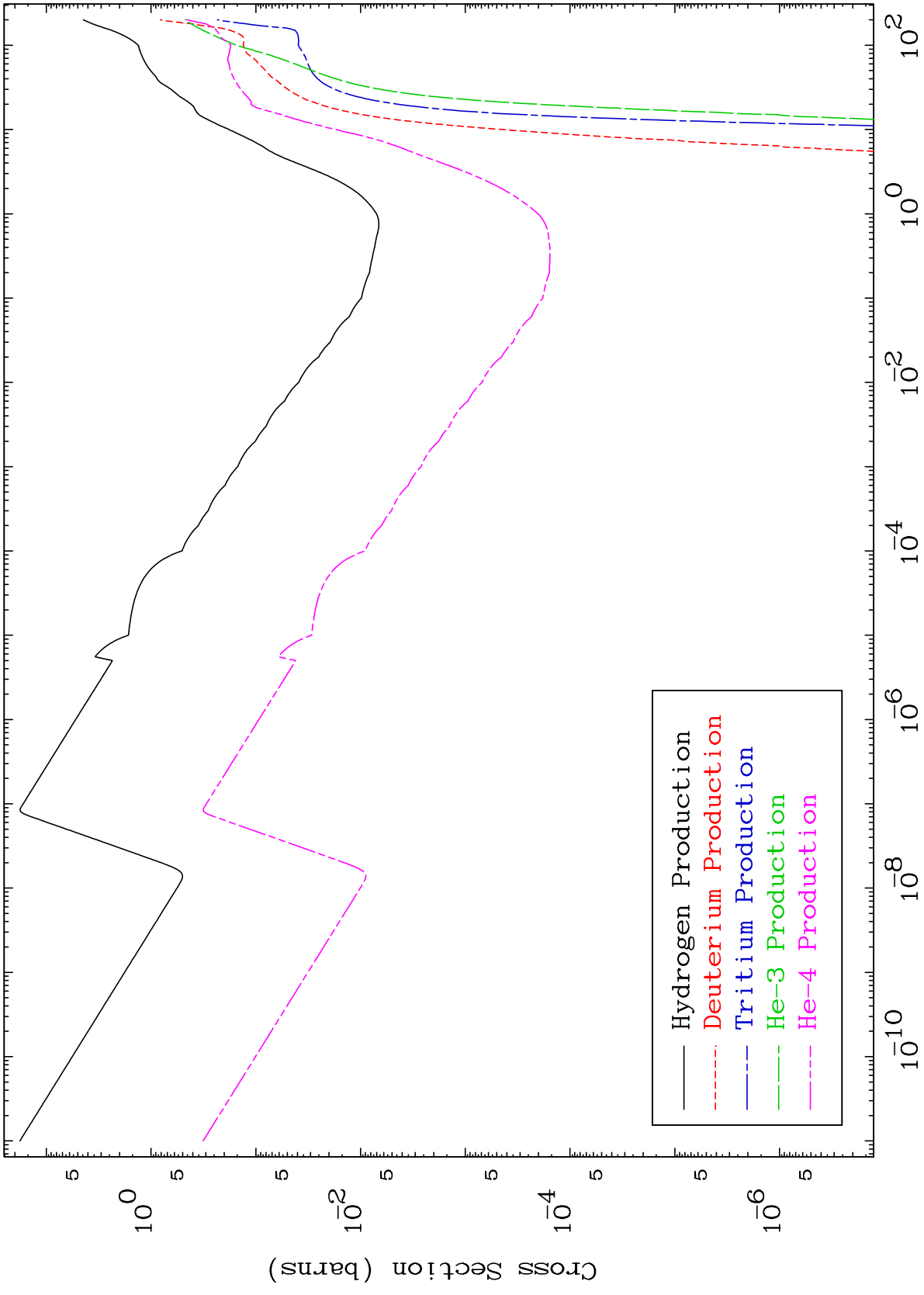


73-Ta-167

MAT 7286

Particle Production
293 Kelvin Cross Sections

73-Ta-167

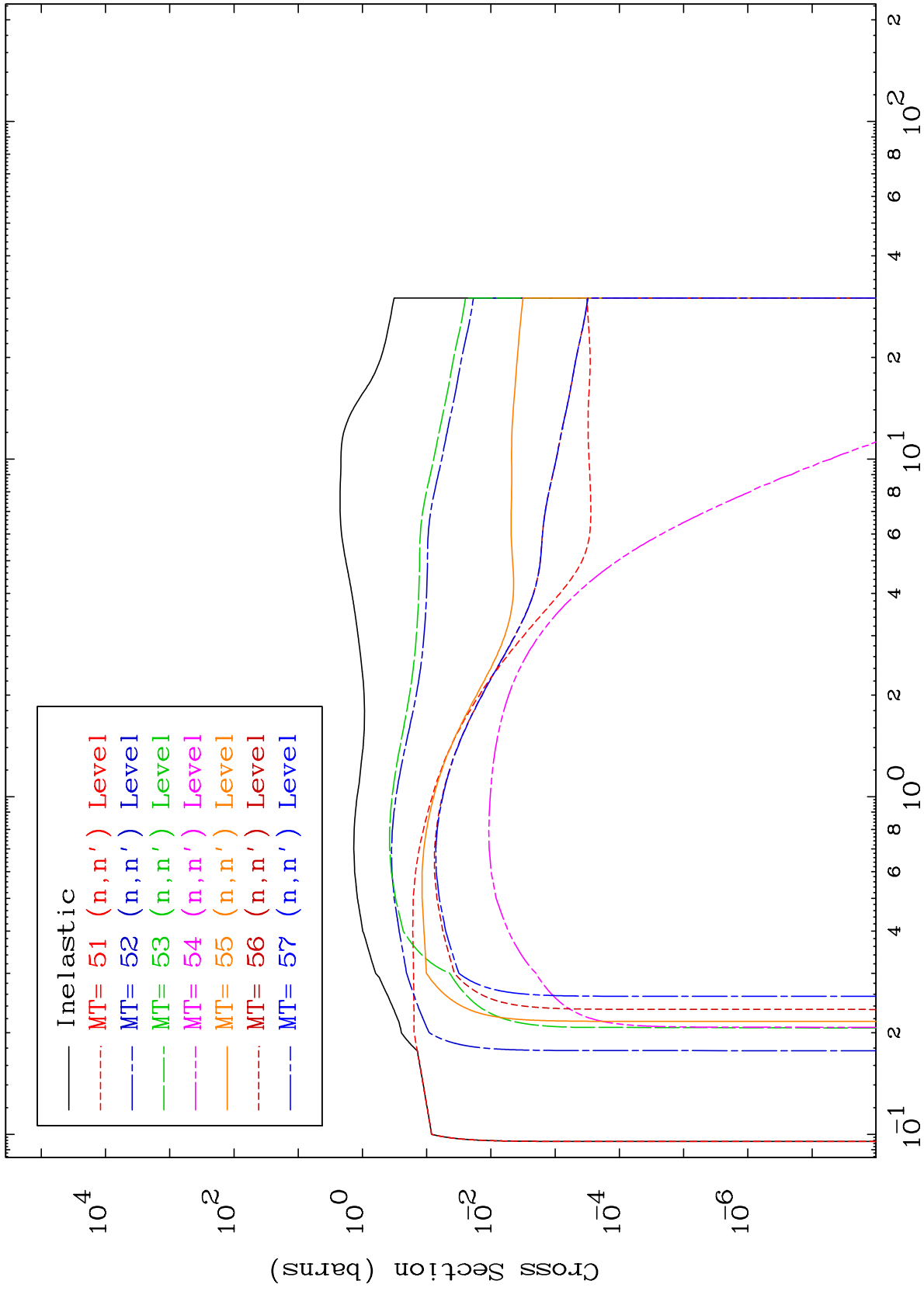


73-Ta-167

MAT 7286

(n,n') Level
293 Kelvin Cross Sections

73-Ta-167



73-Ta-167

Incident Energy (MeV)

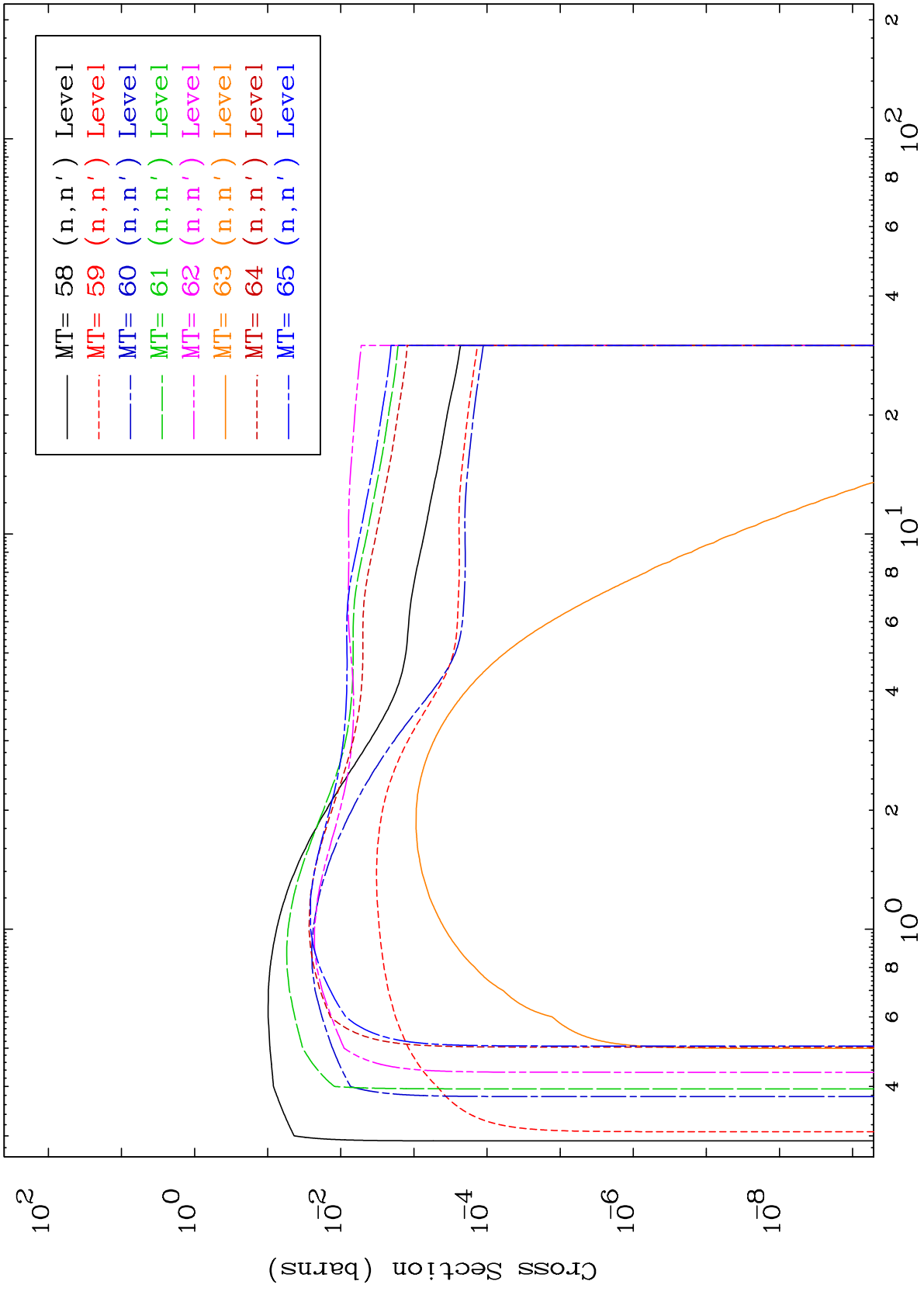
7

MAT 7286

(n,n') Level

293 Kelvin Cross Sections

73-Ta-167



8

Incident Energy (MeV)

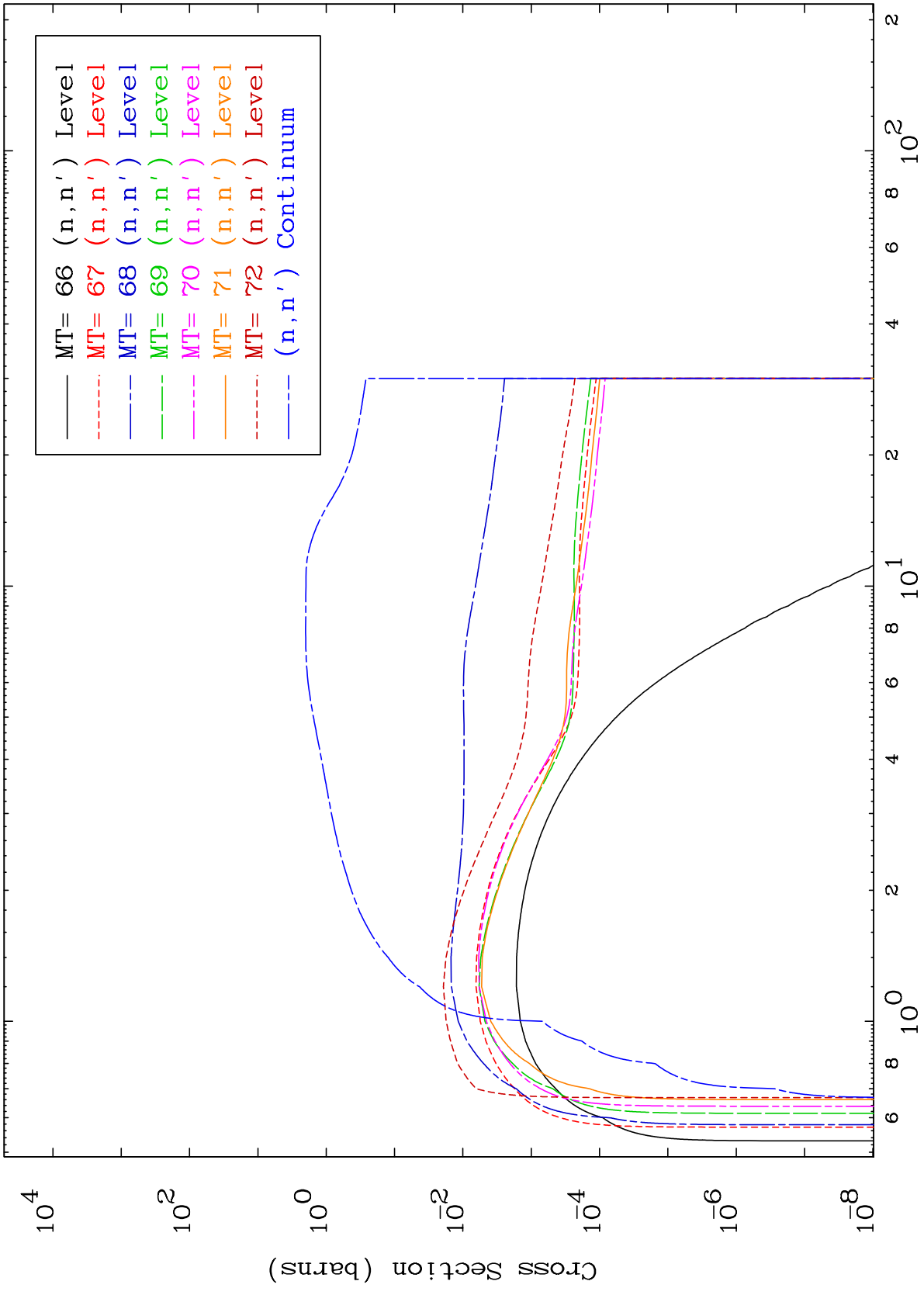
73-Ta-167

MAT 7286

(n,n') Level

73-Ta-167

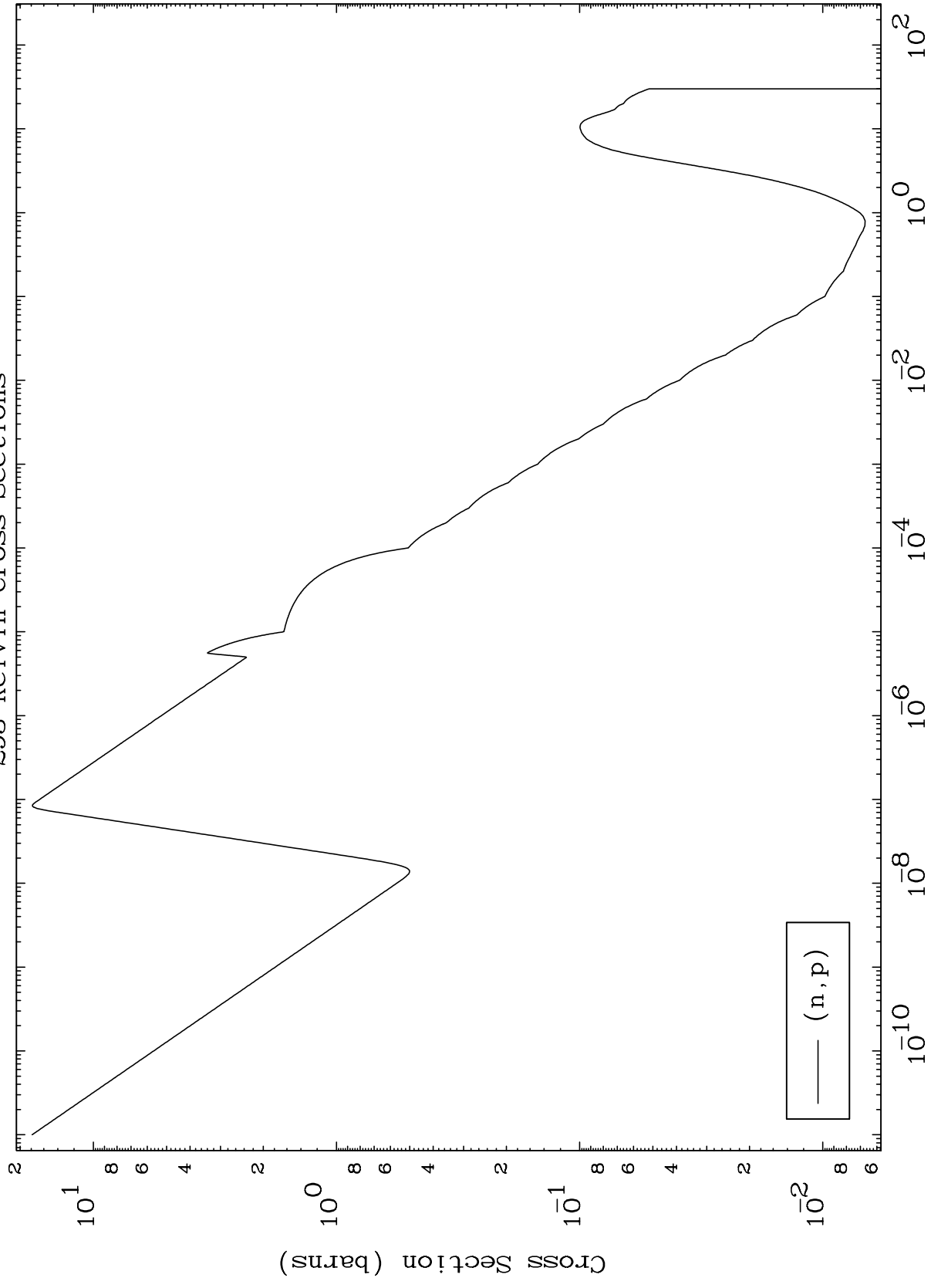
293 Kelvin Cross Sections



MAT 7286

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-167



10

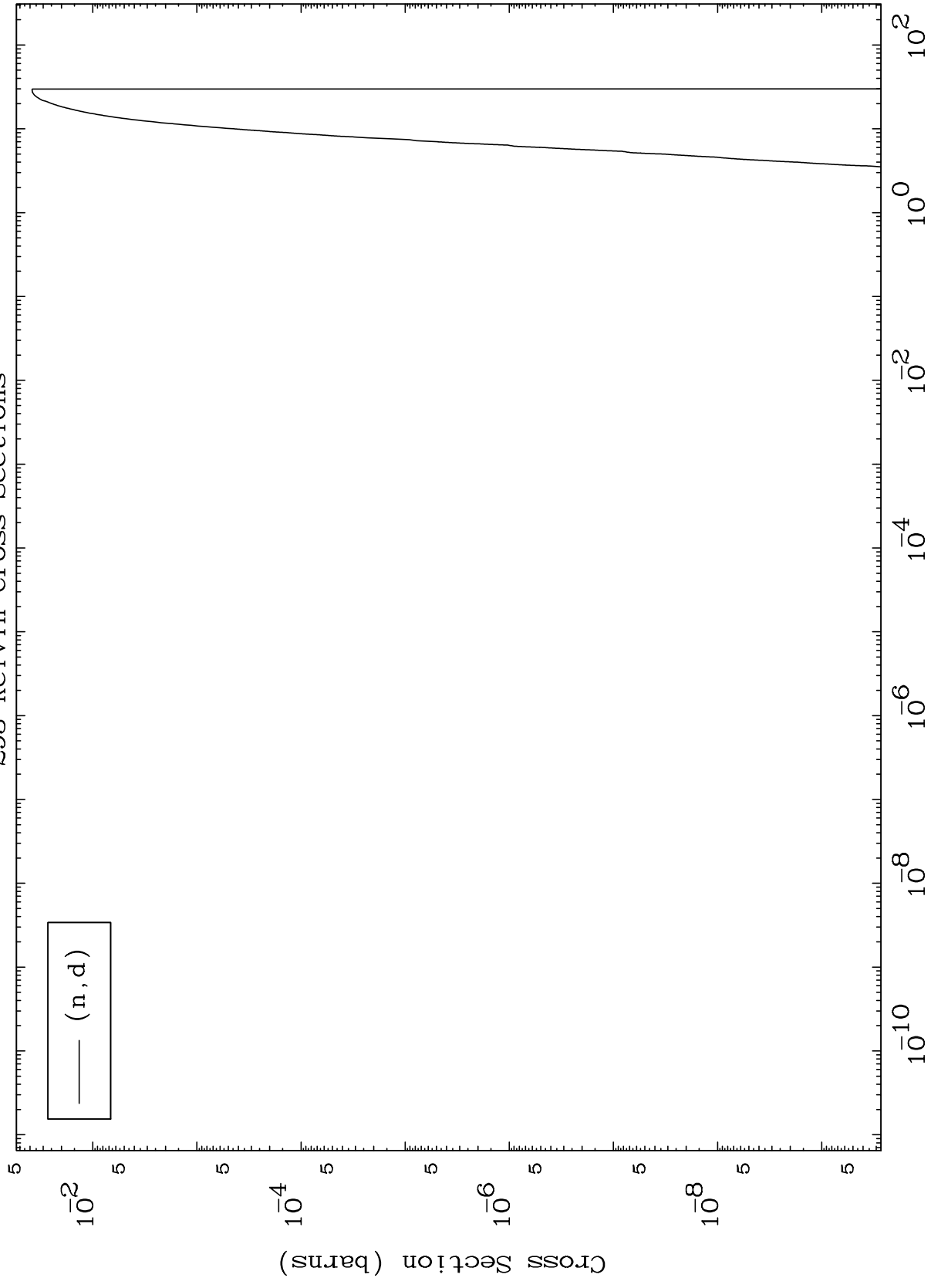
Incident Energy (MeV)

73-Ta-167

MAT 7286

(n,d) Levels
293 Kelvin Cross Sections

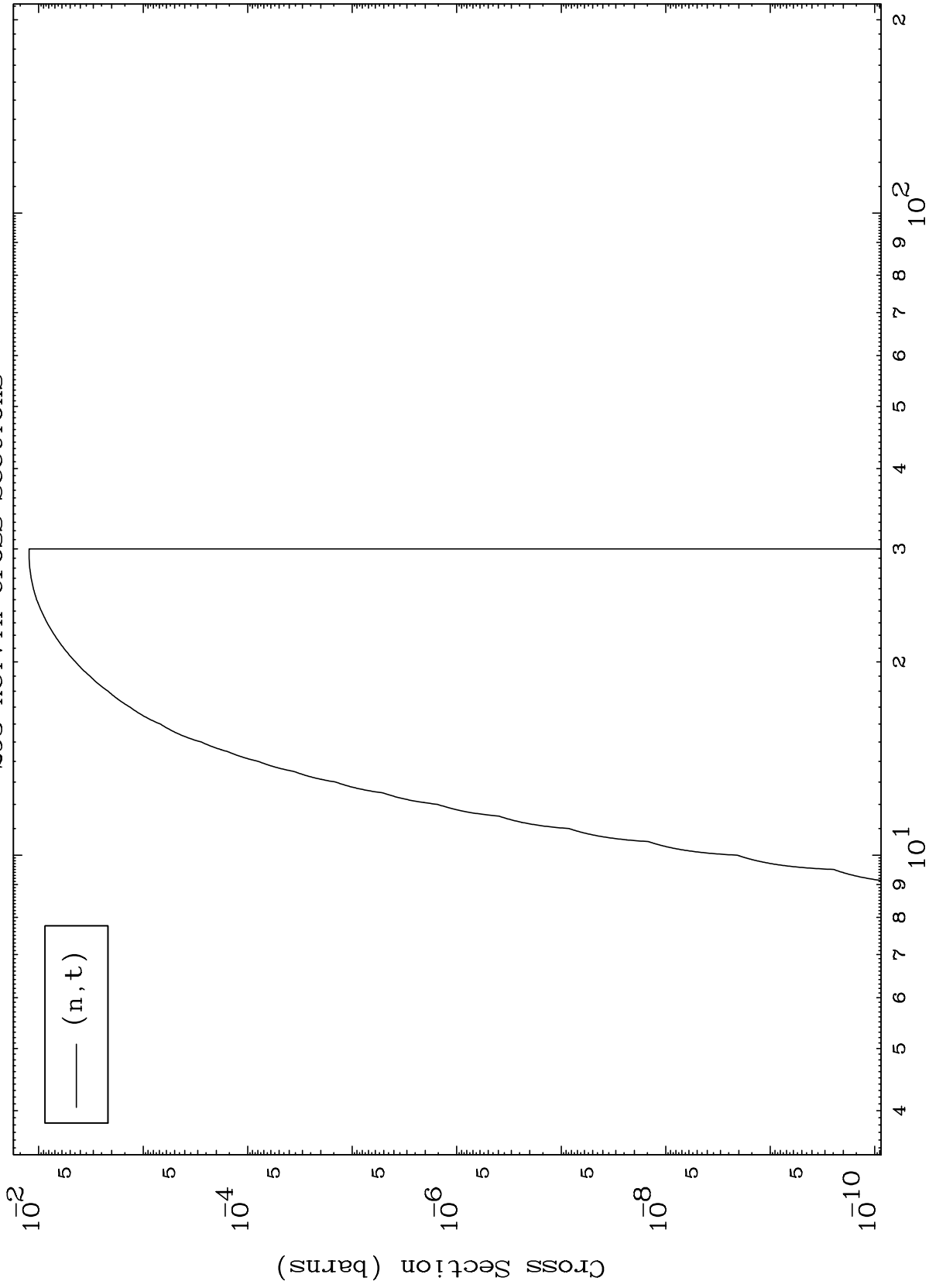
73-Ta-167



MAT 7286

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-167



12

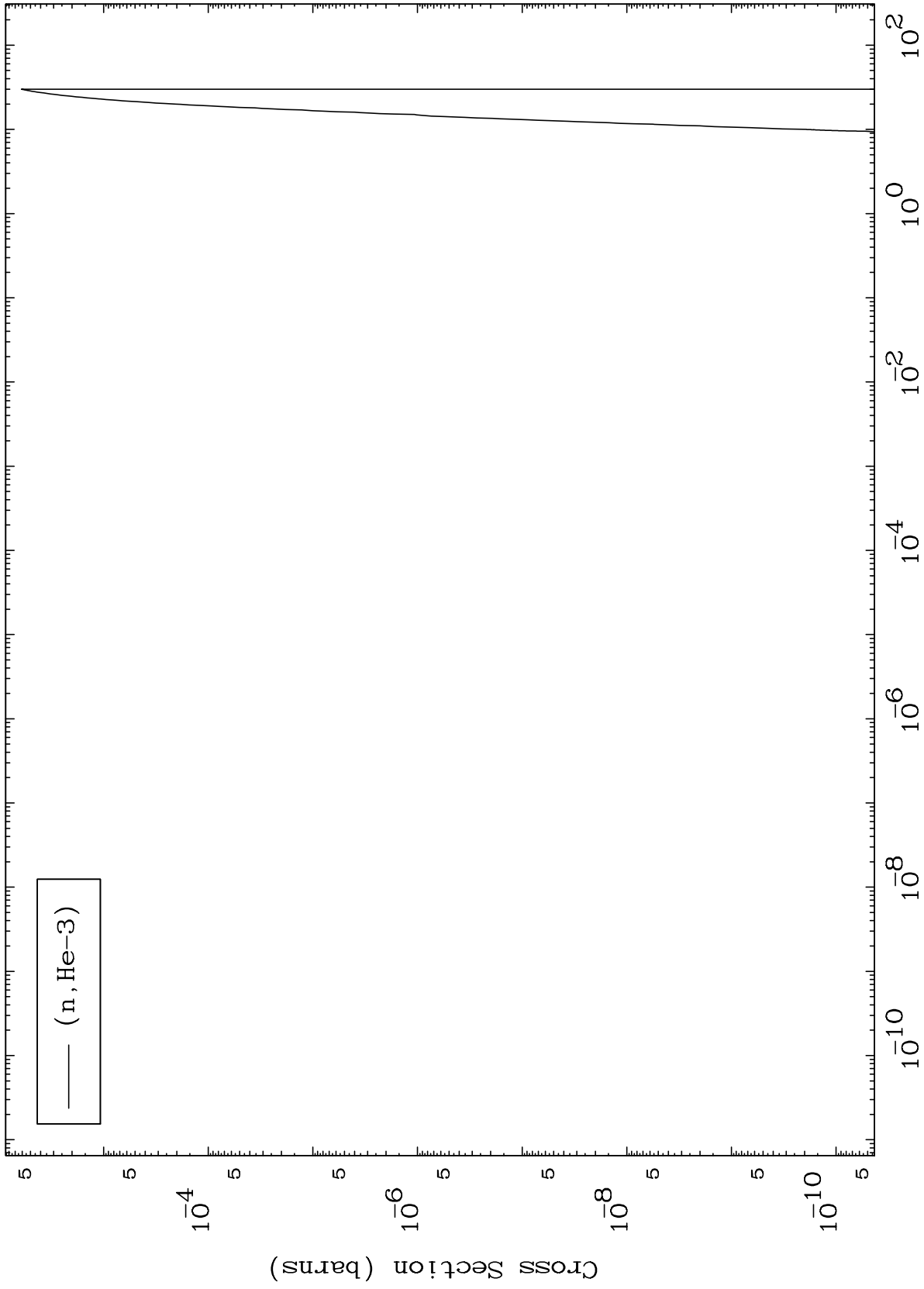
Incident Energy (MeV)

73-Ta-167

MAT 7286

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-167



13

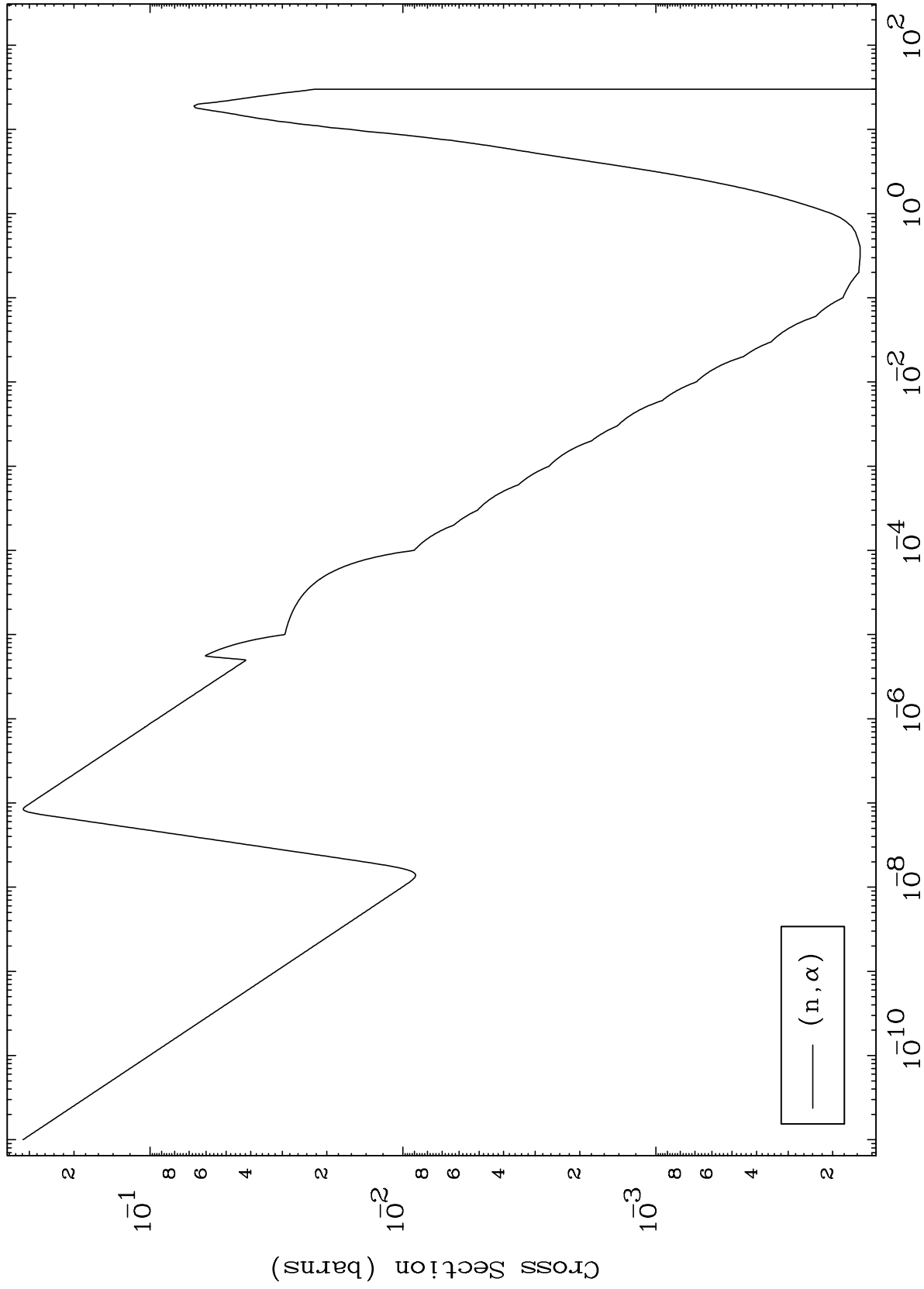
Incident Energy (MeV)

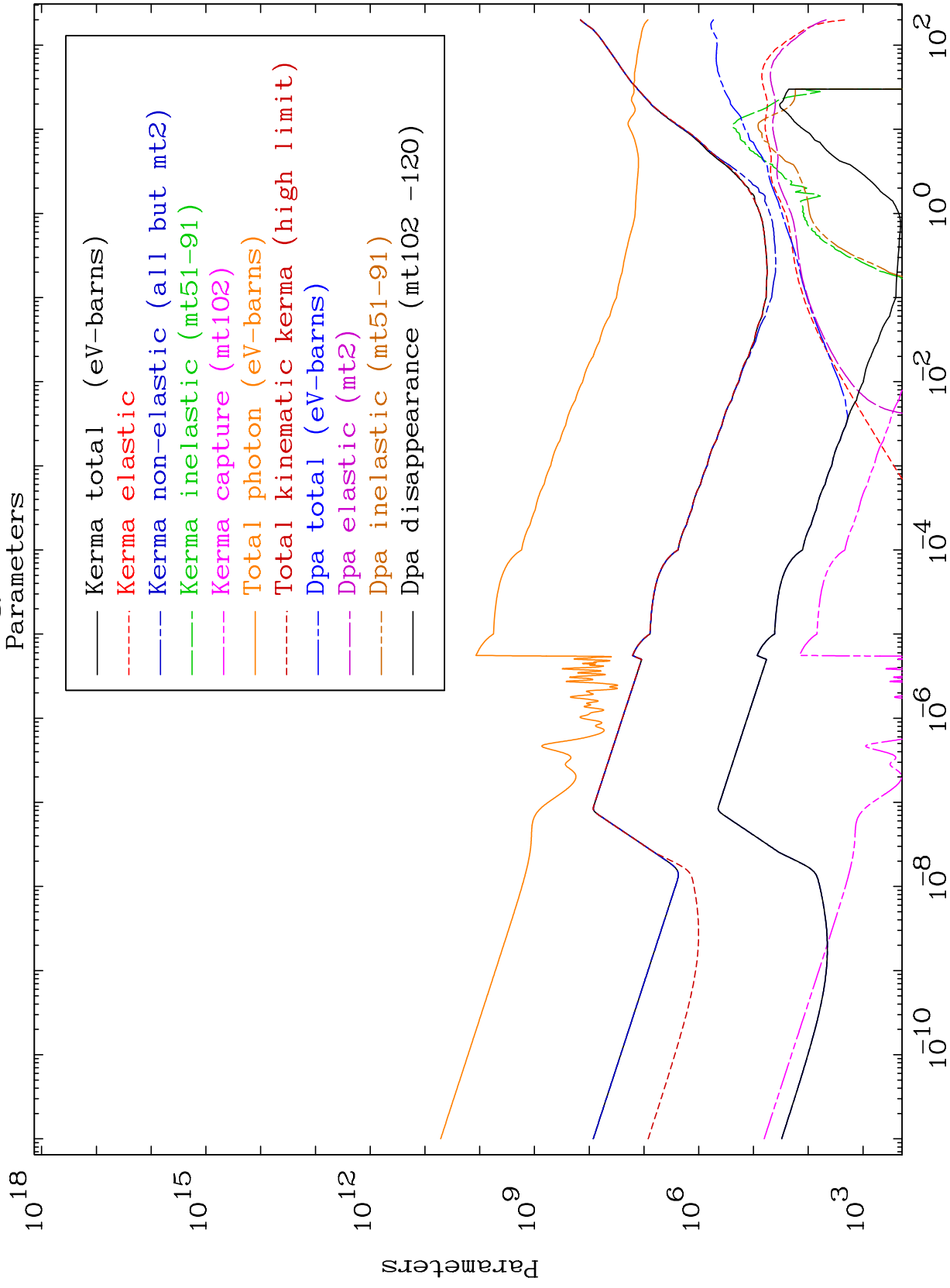
73-Ta-167

MAT 7286

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-167

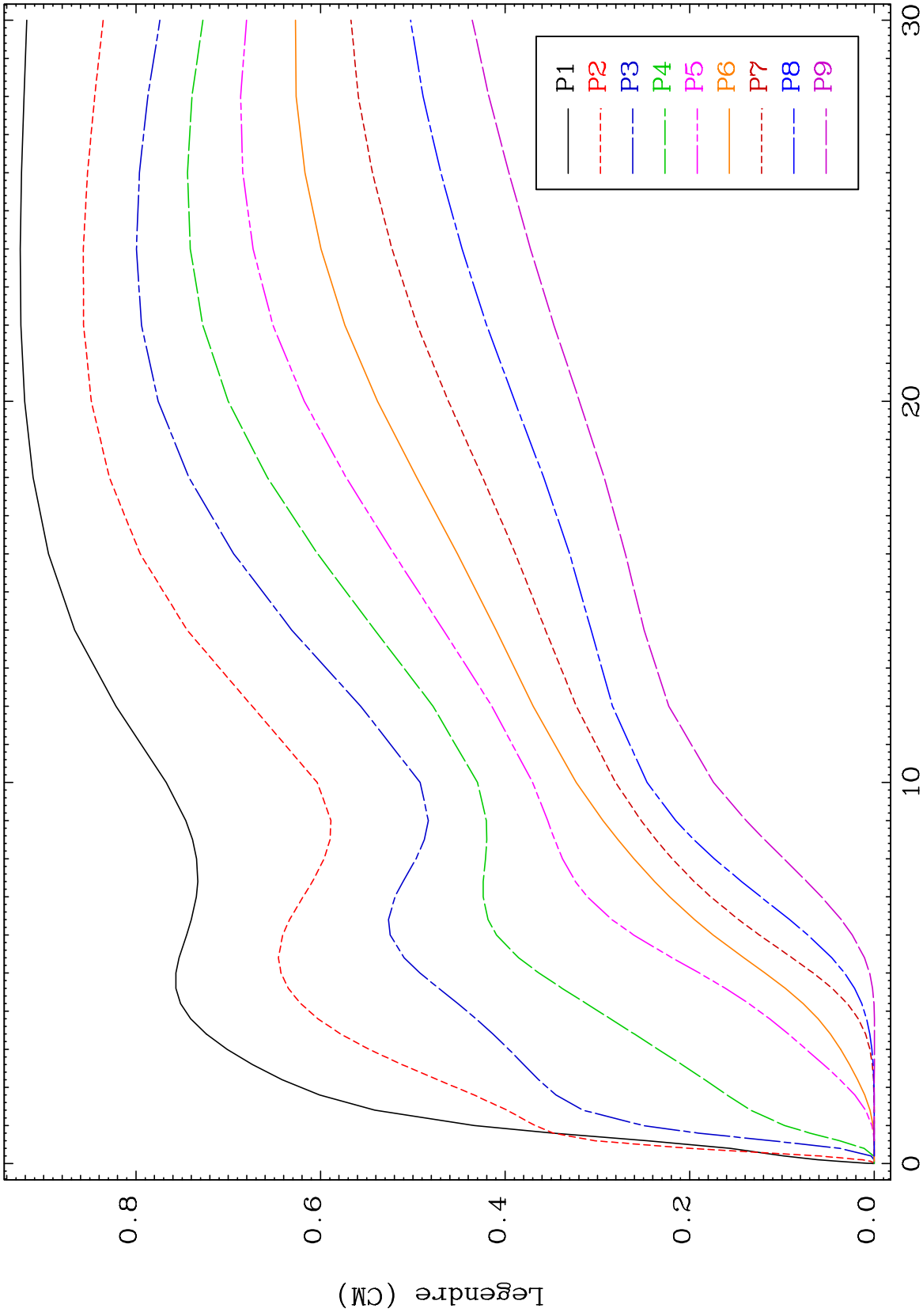




MAT 7286

Elastic Legendre Coefficients

73-Ta-167



16

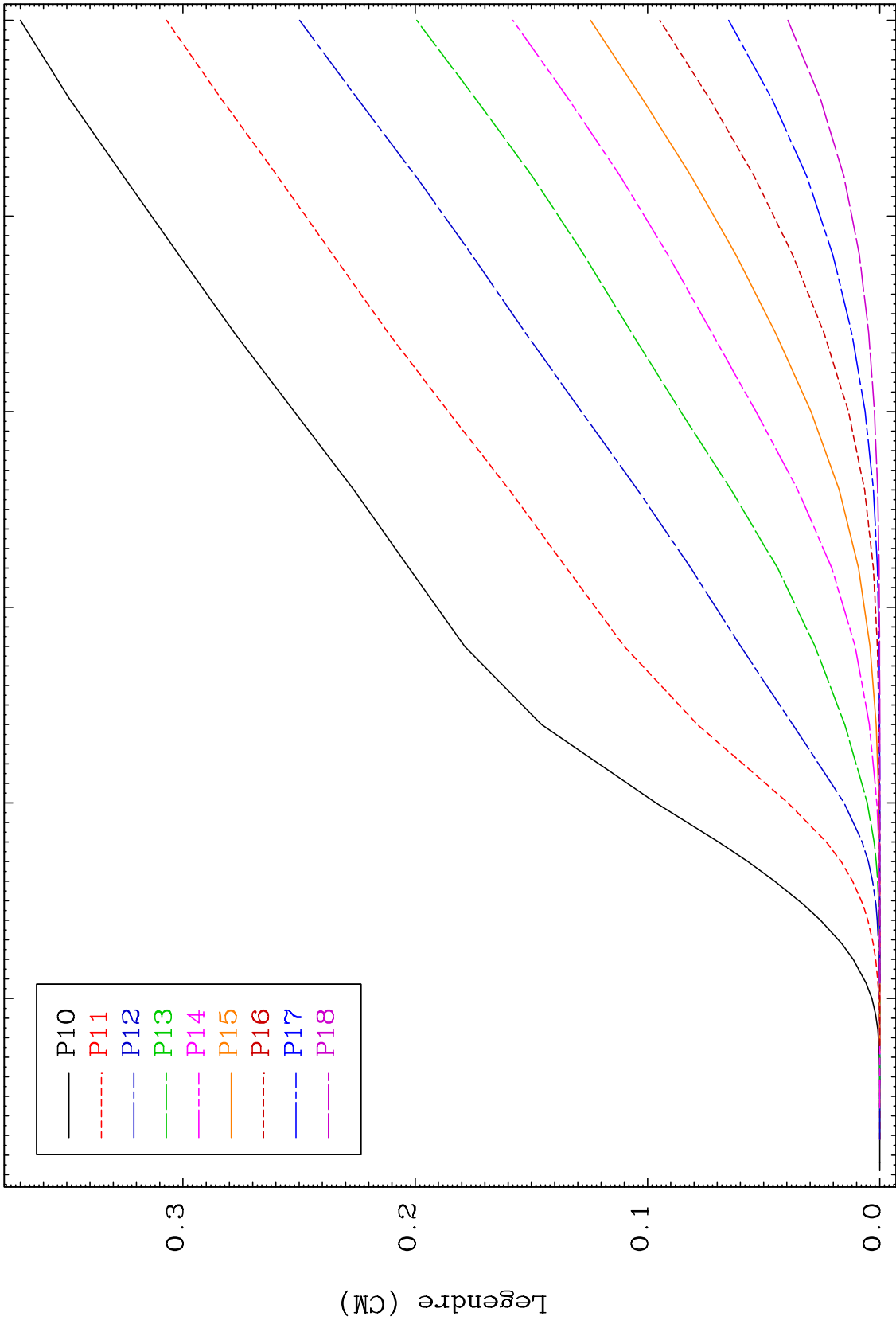
Incident Energy (MeV)

73-Ta-167

MAT 7286

Elastic Legendre Coefficients

73-Ta-167



17

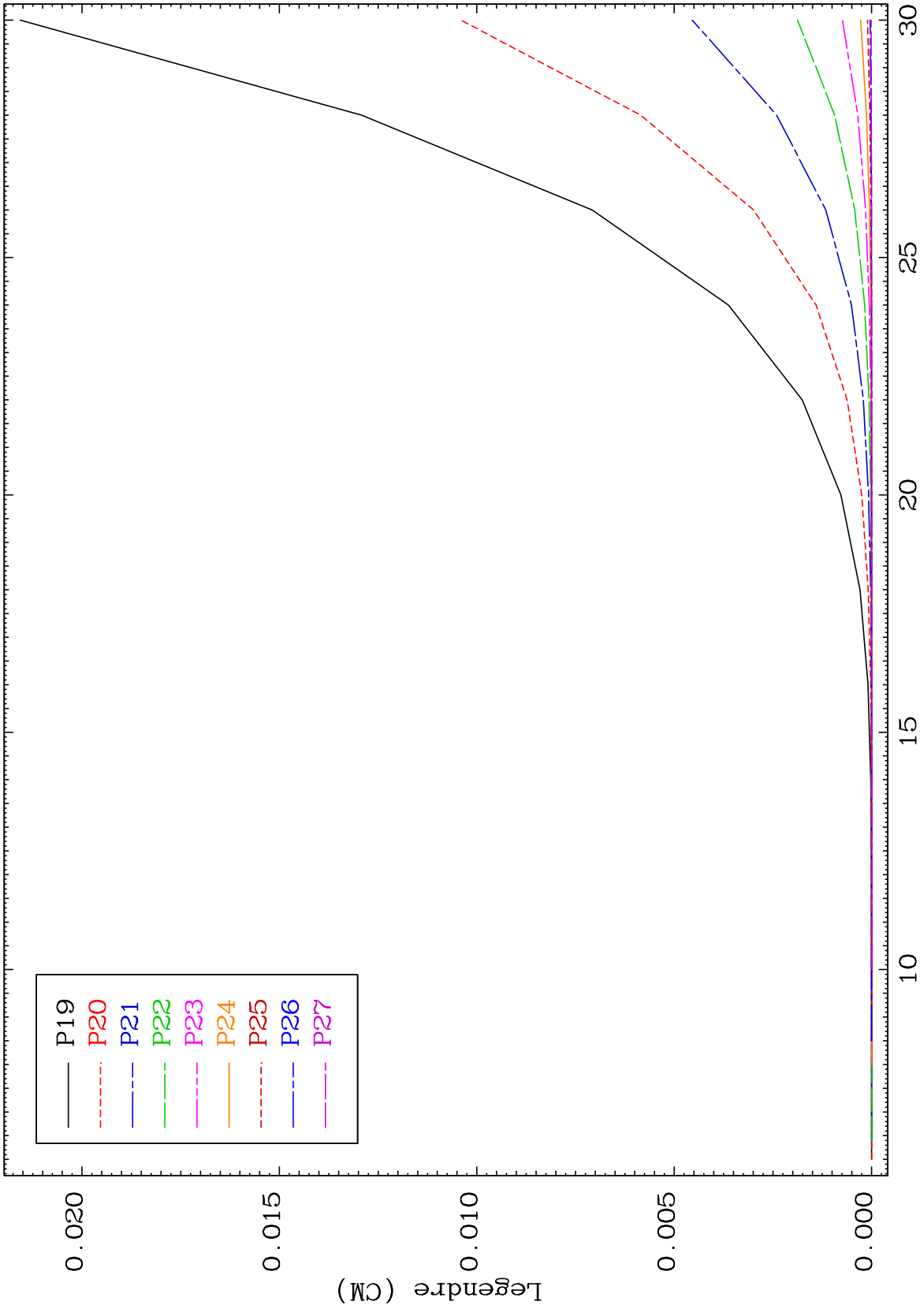
Incident Energy (MeV)

73-Ta-167

MAT 7286

Elastic Legendre Coefficients

⁷³Ta-167



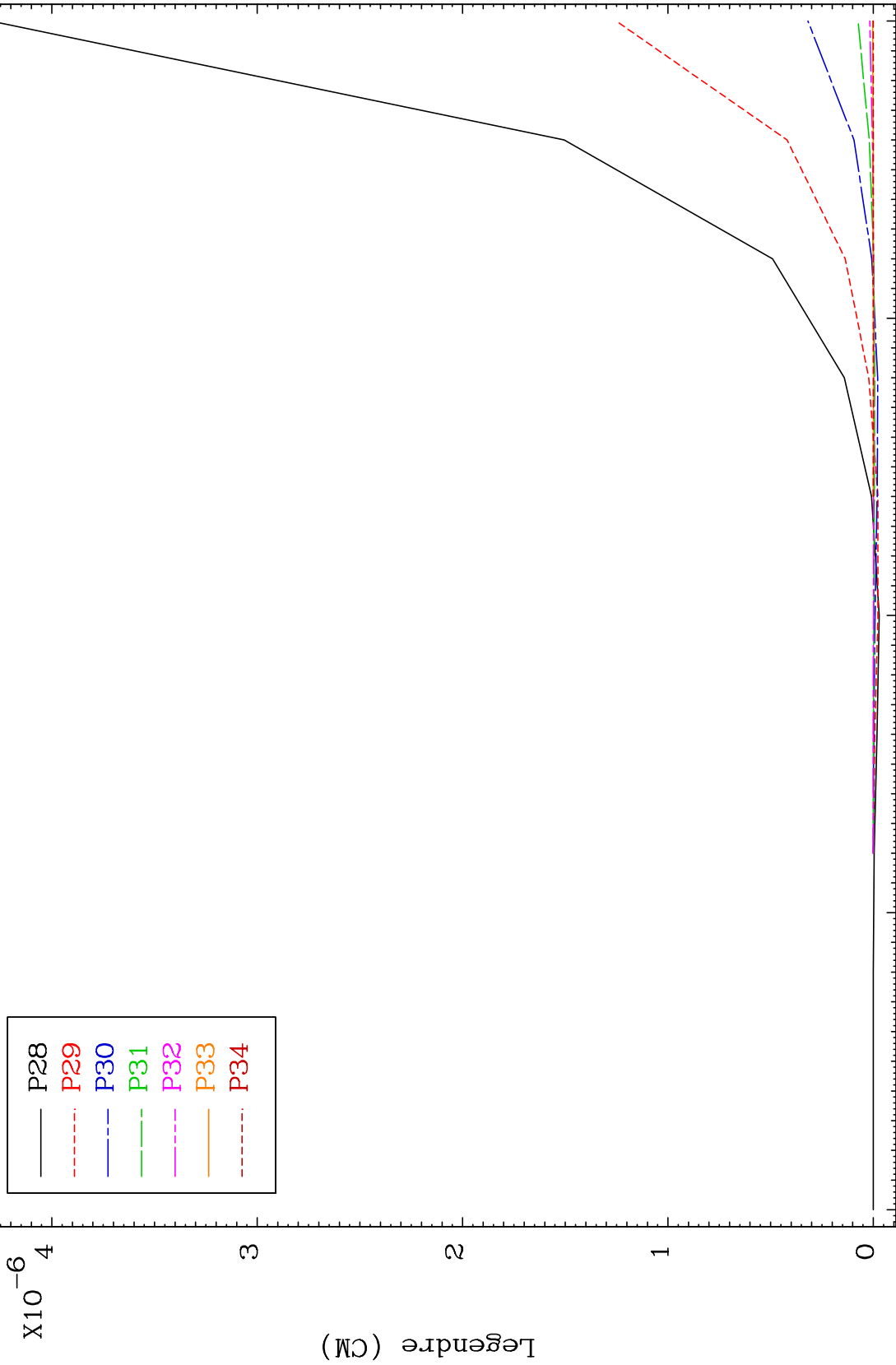
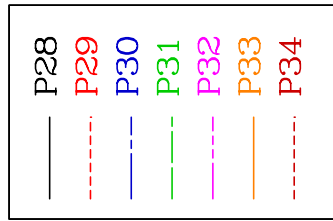
18

⁷³Ta-167

MAT 7286

Elastic Legendre Coefficients

73-Ta-167



19

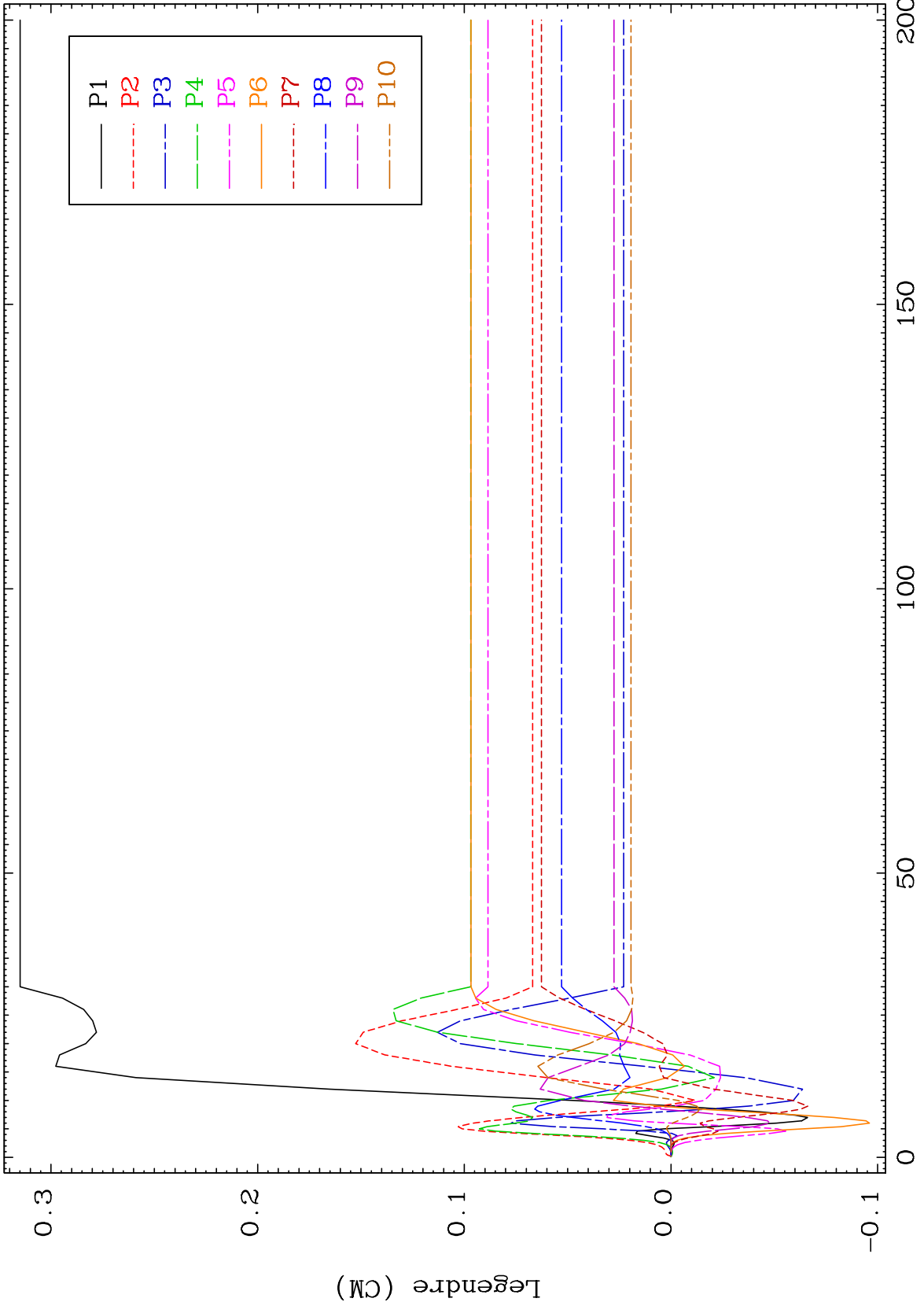
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

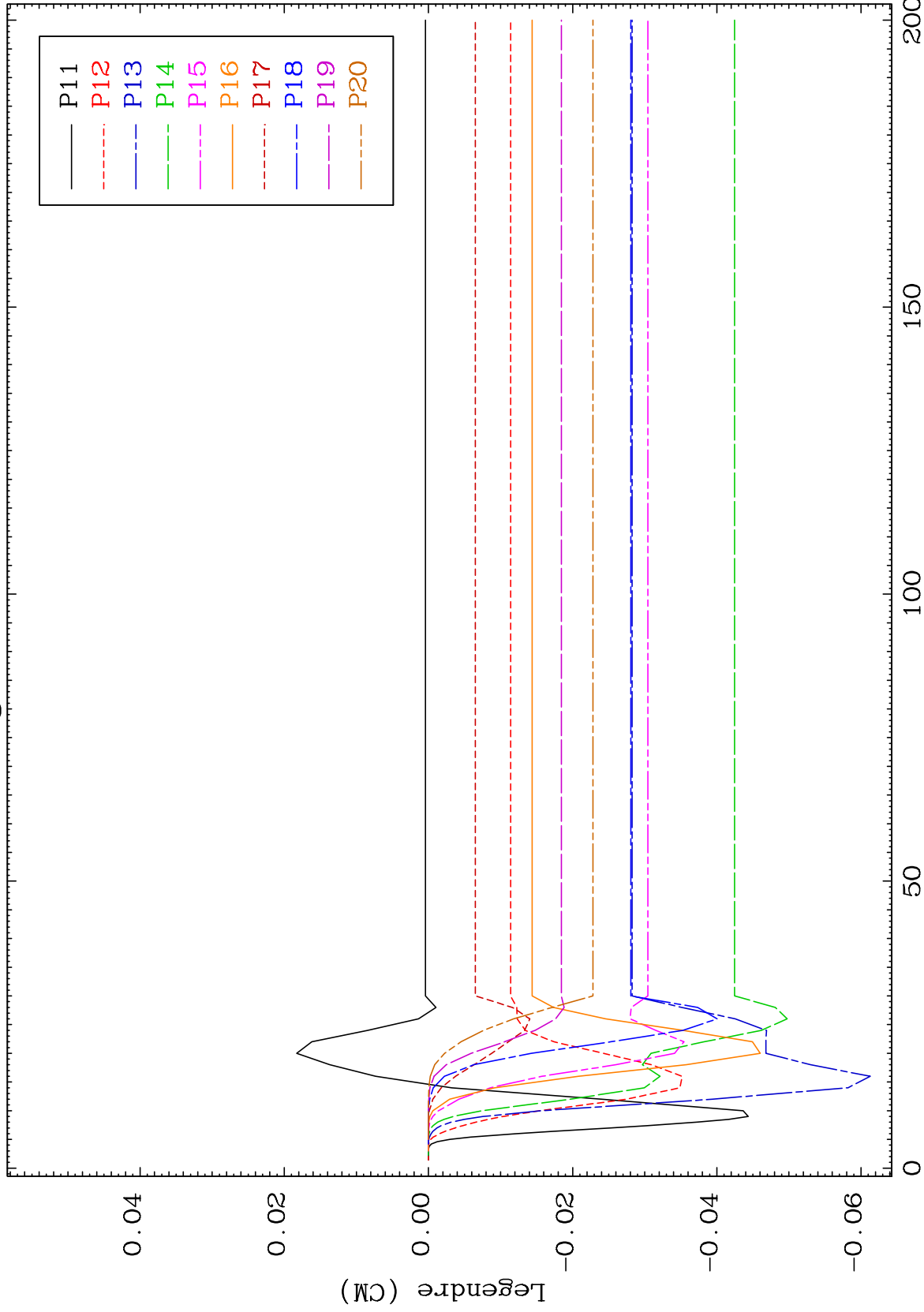
73-Ta-167



MAT 7286

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

73-Ta-167



21

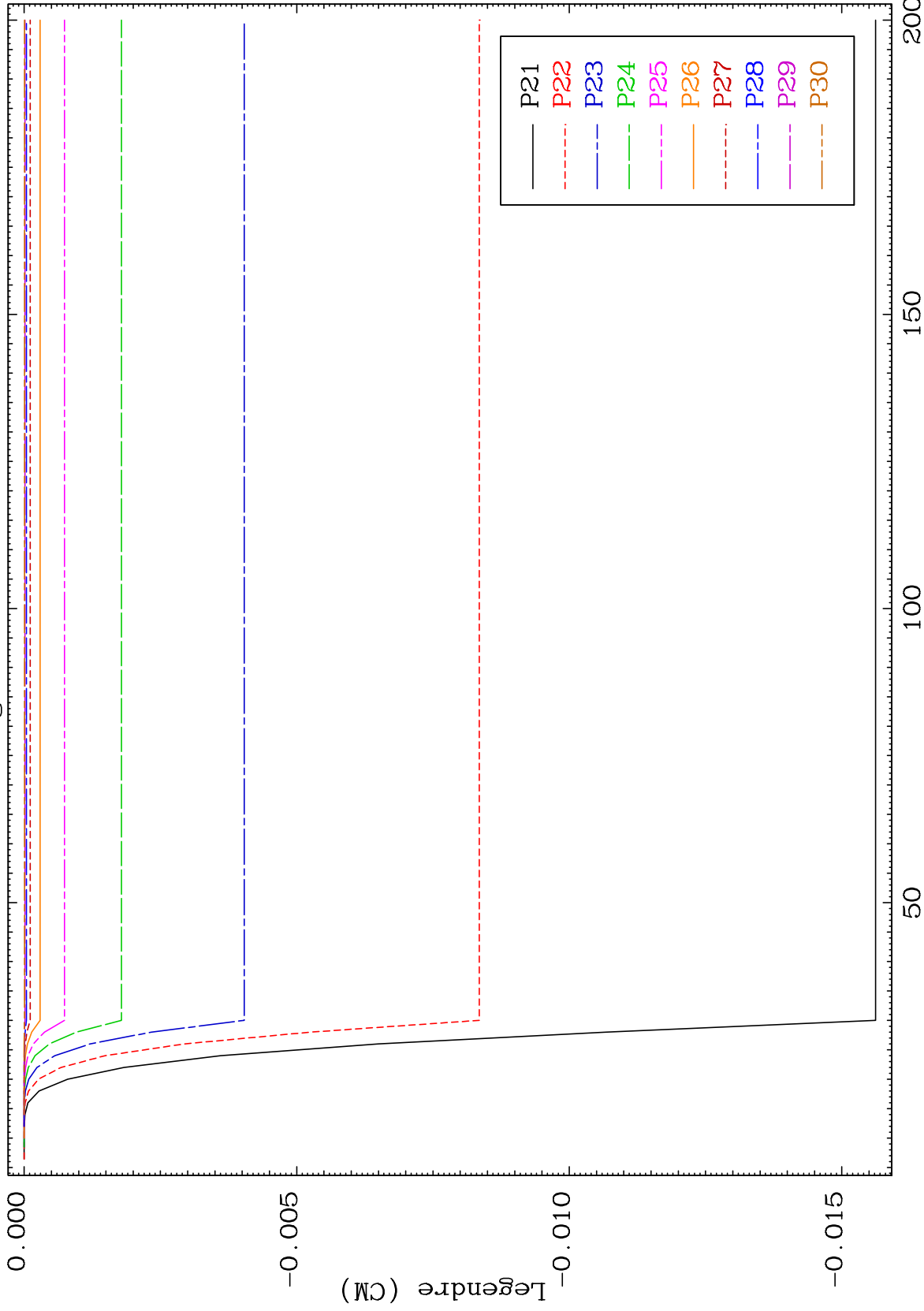
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



22

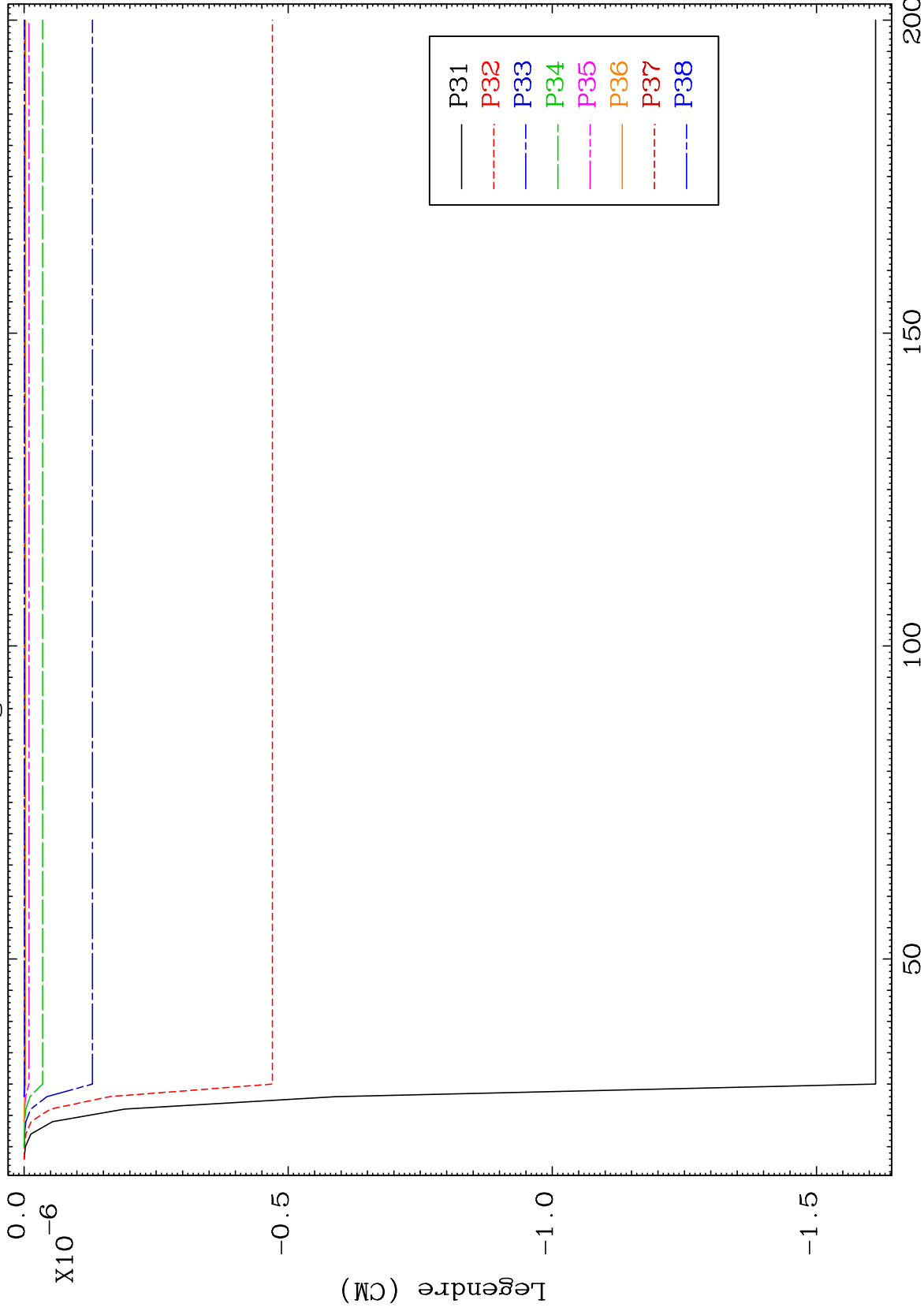
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



23

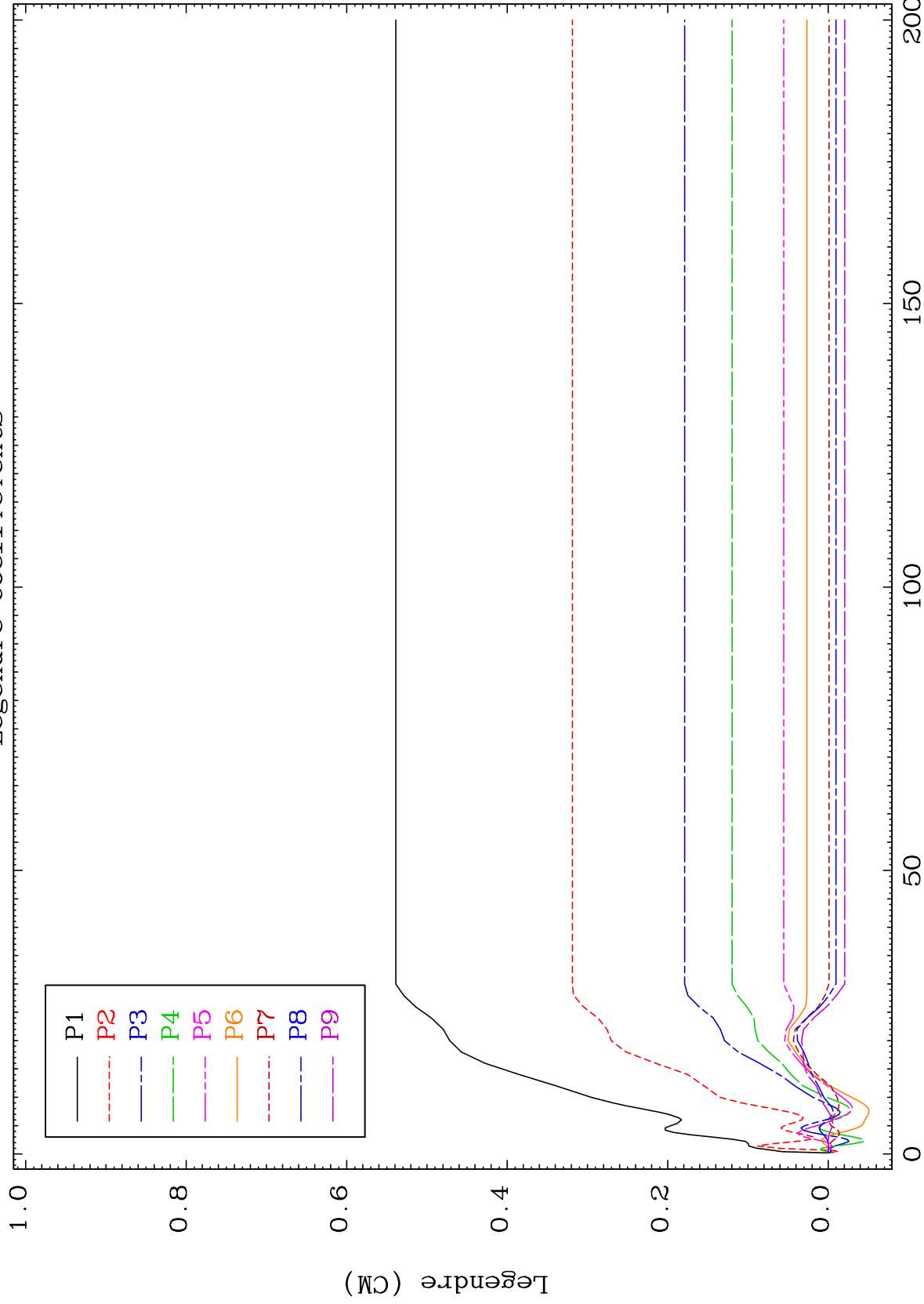
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



24

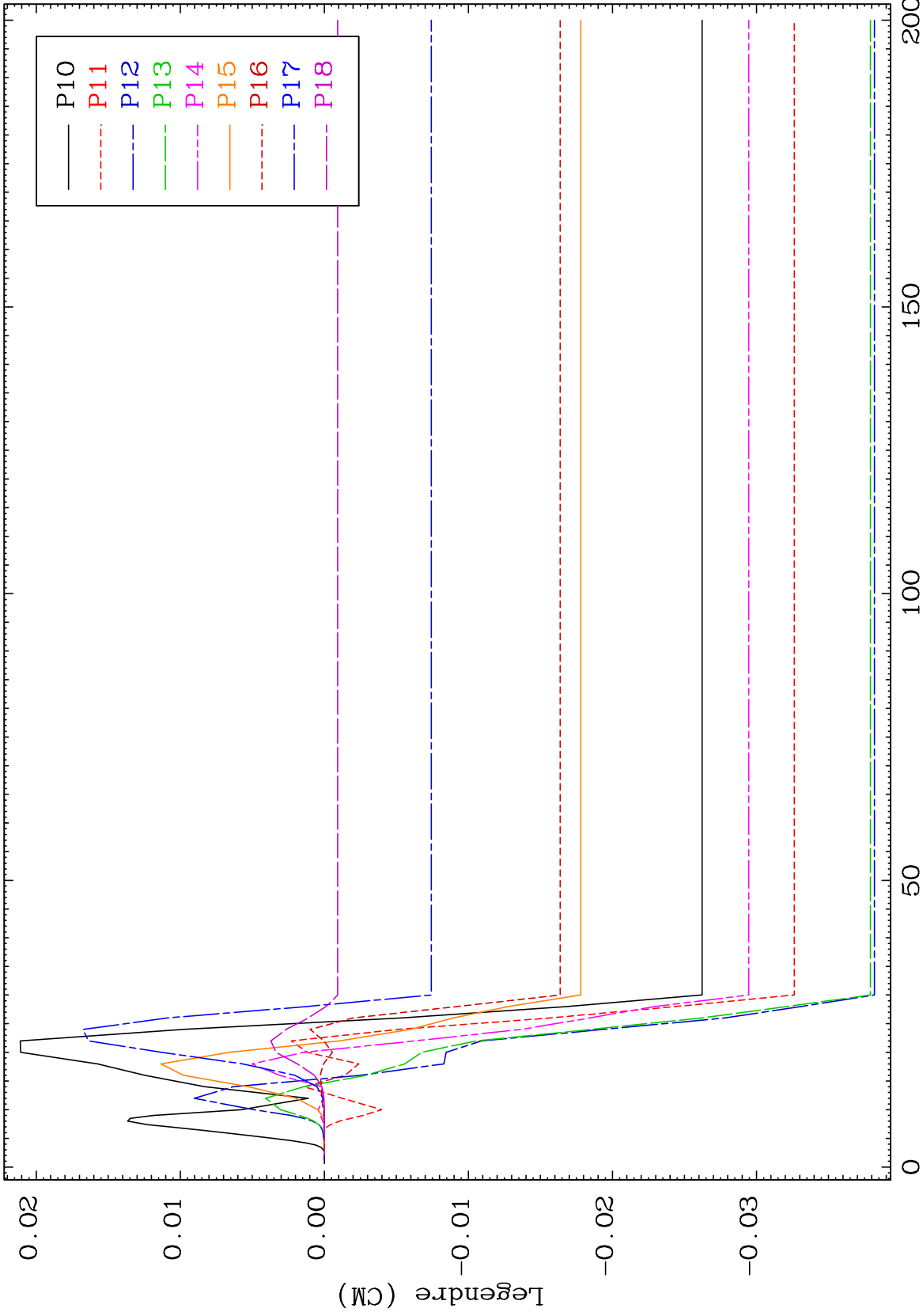
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

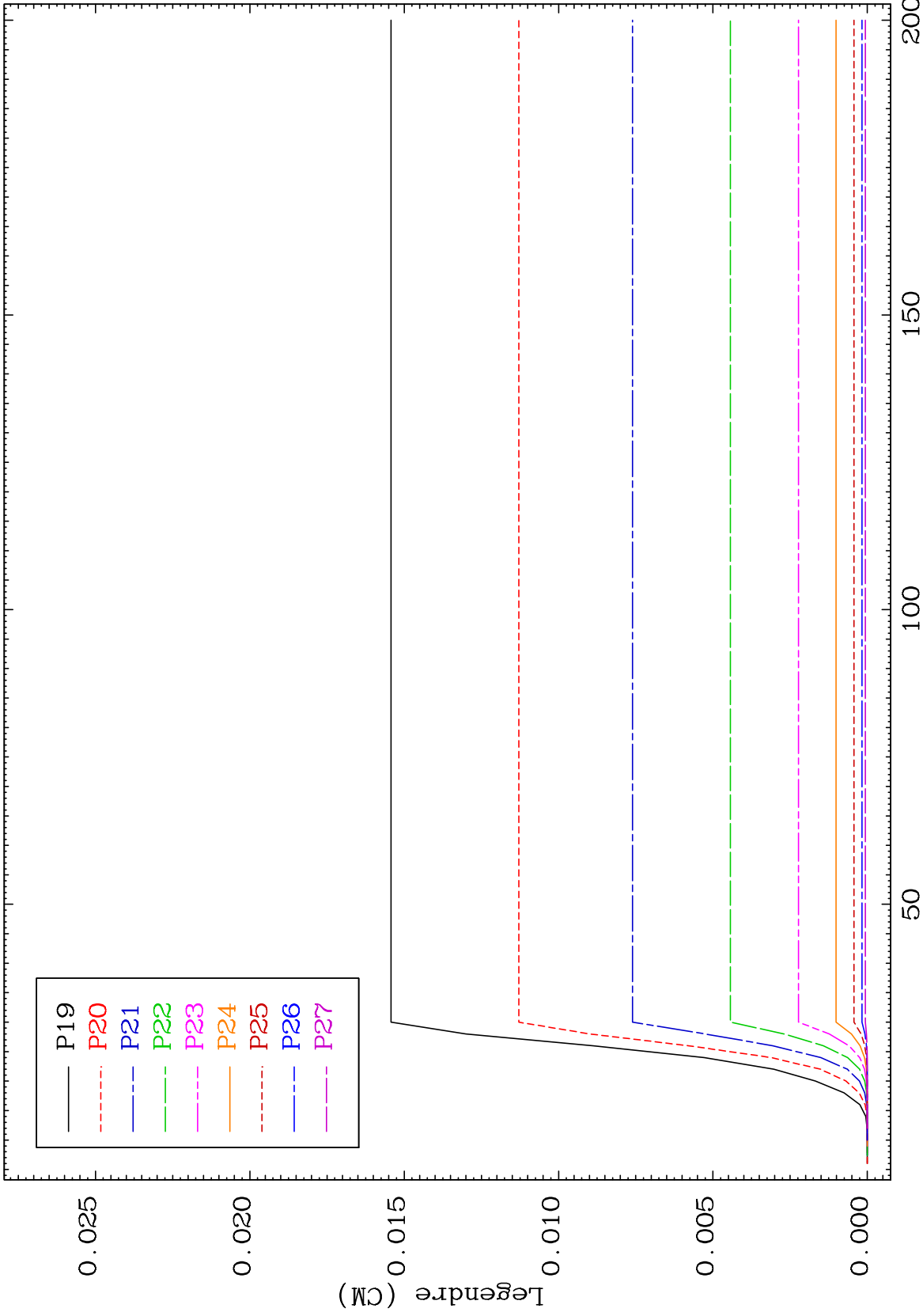
73-Ta-167



25

Incident Energy (MeV)

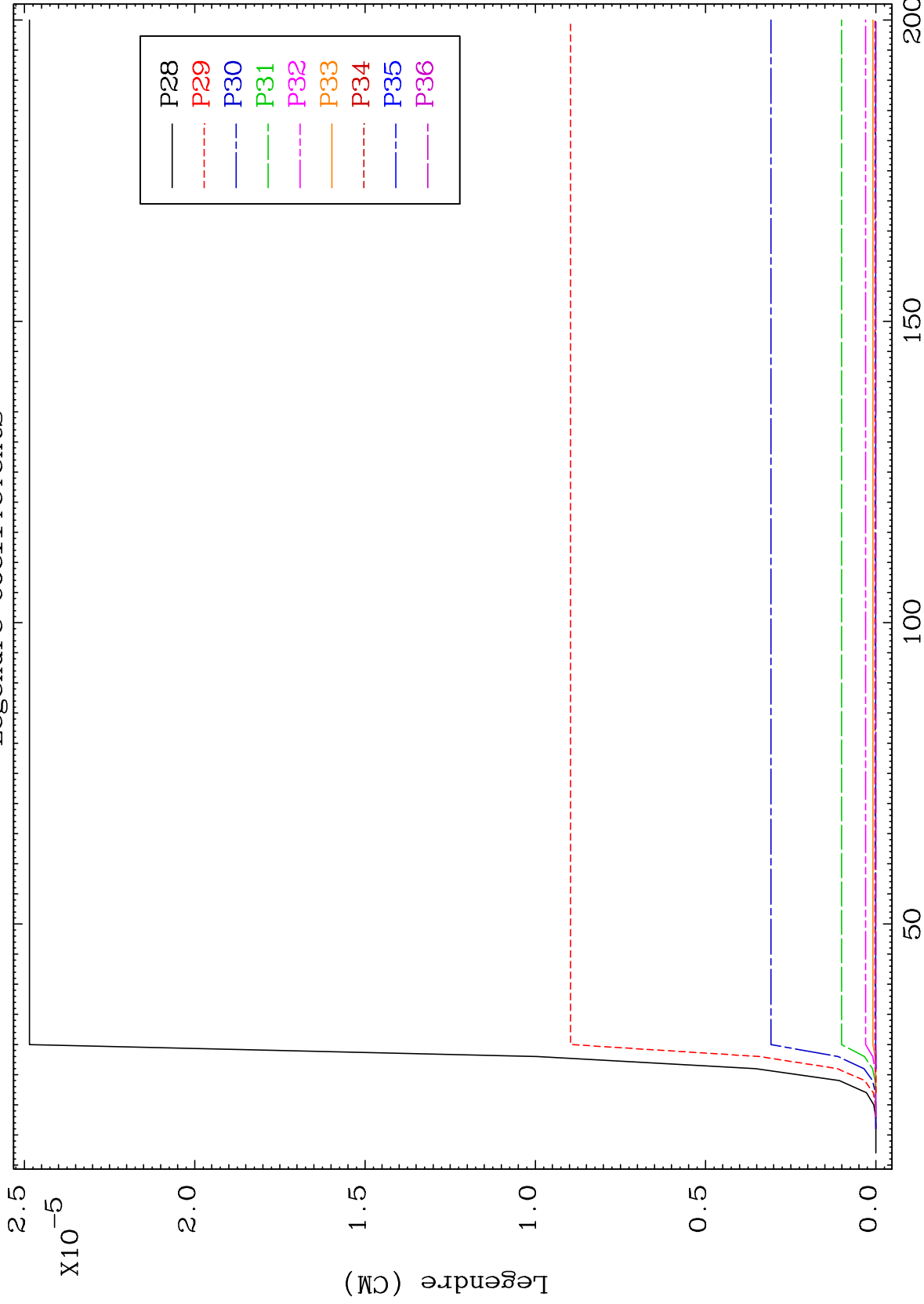
73-Ta-167



MAT 7286

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

73-Ta-167



27

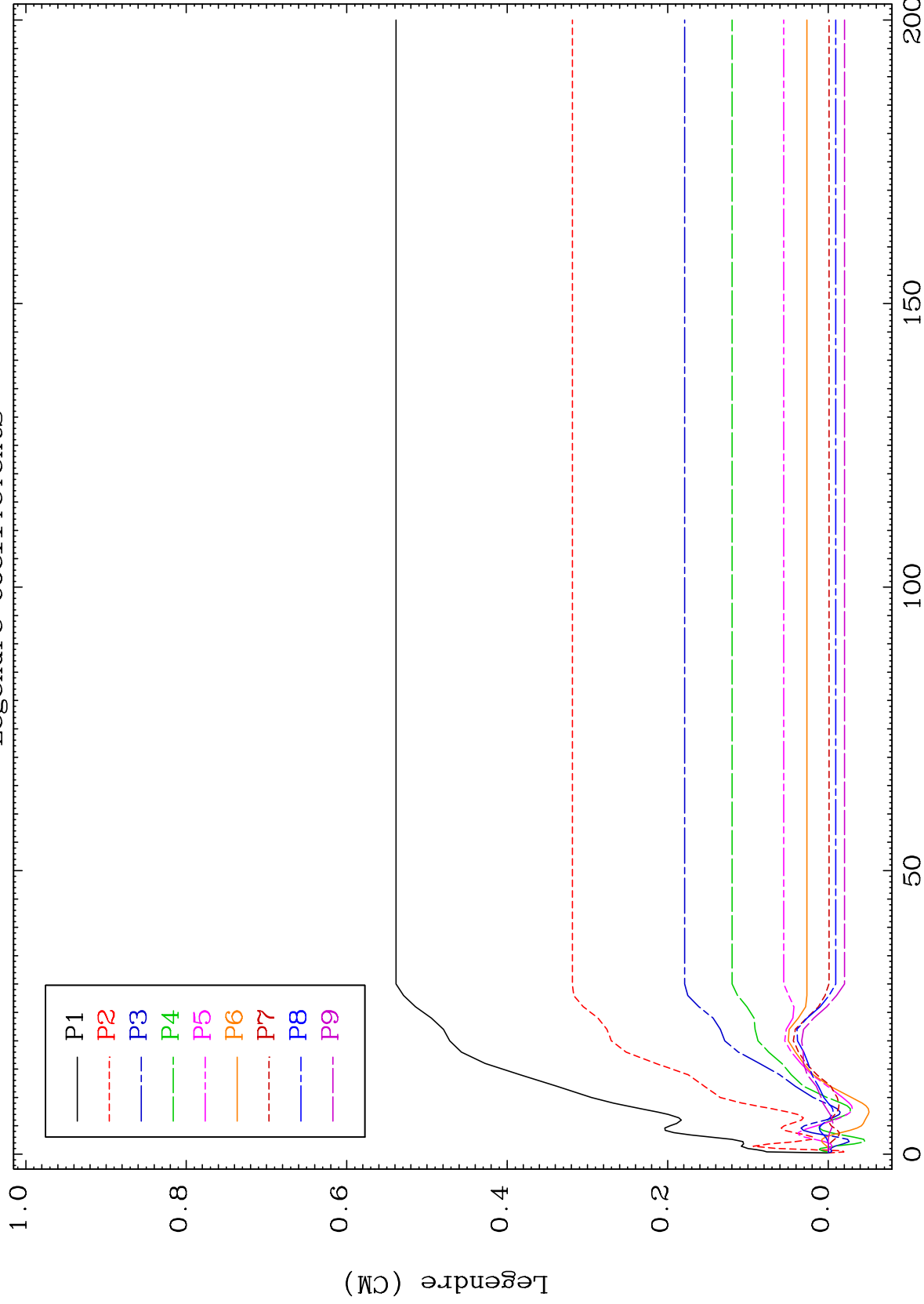
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



28

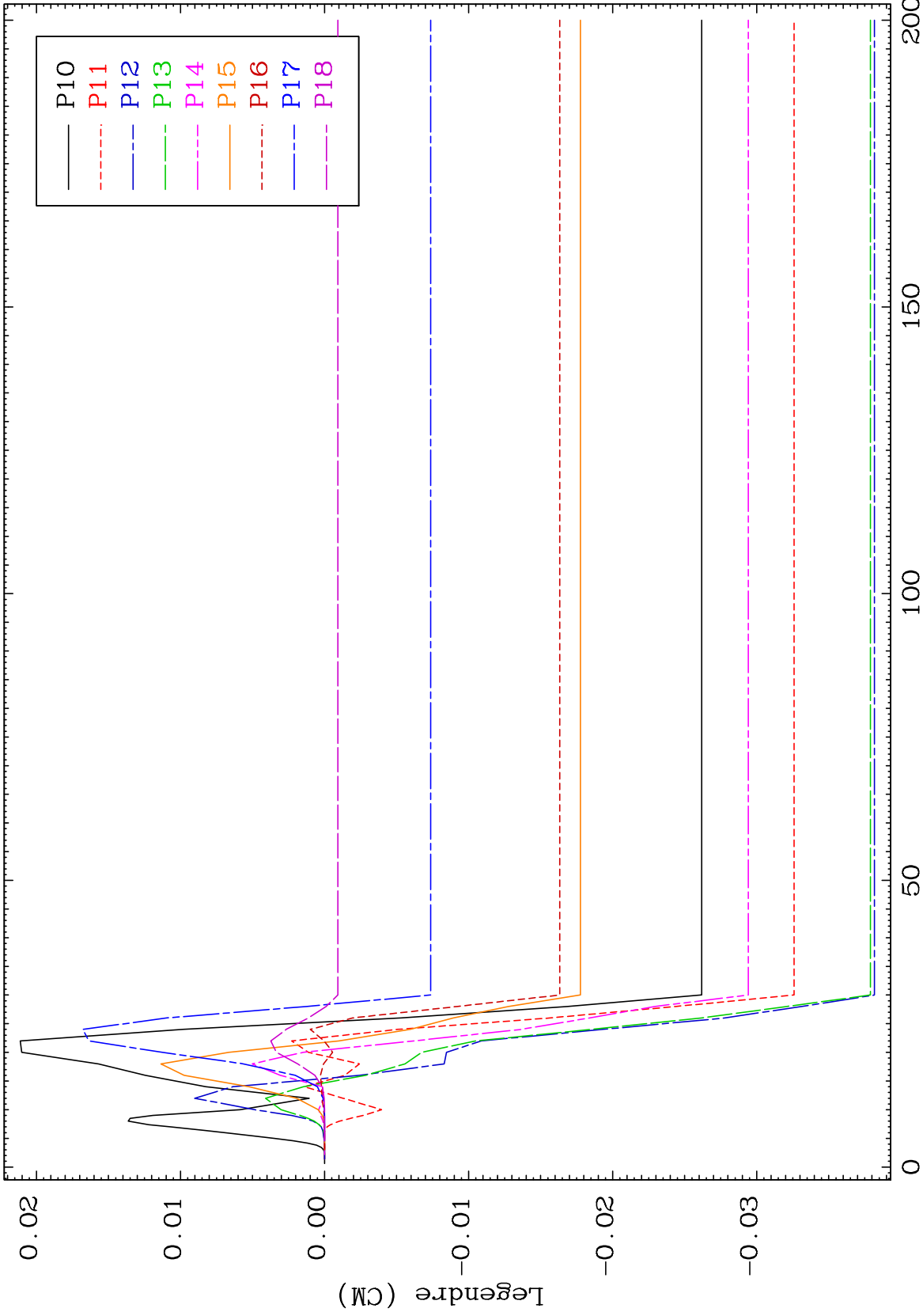
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



29

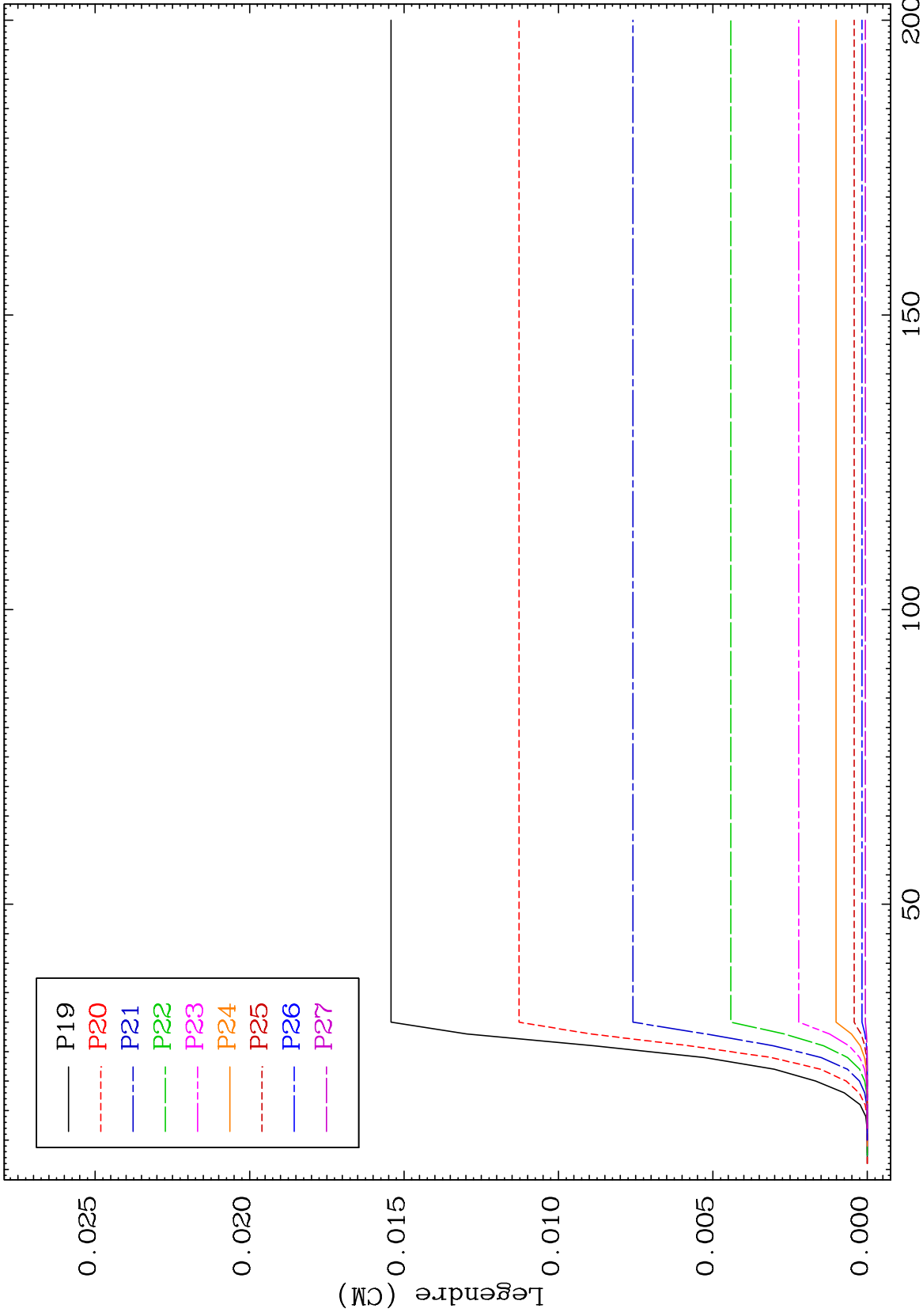
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



30

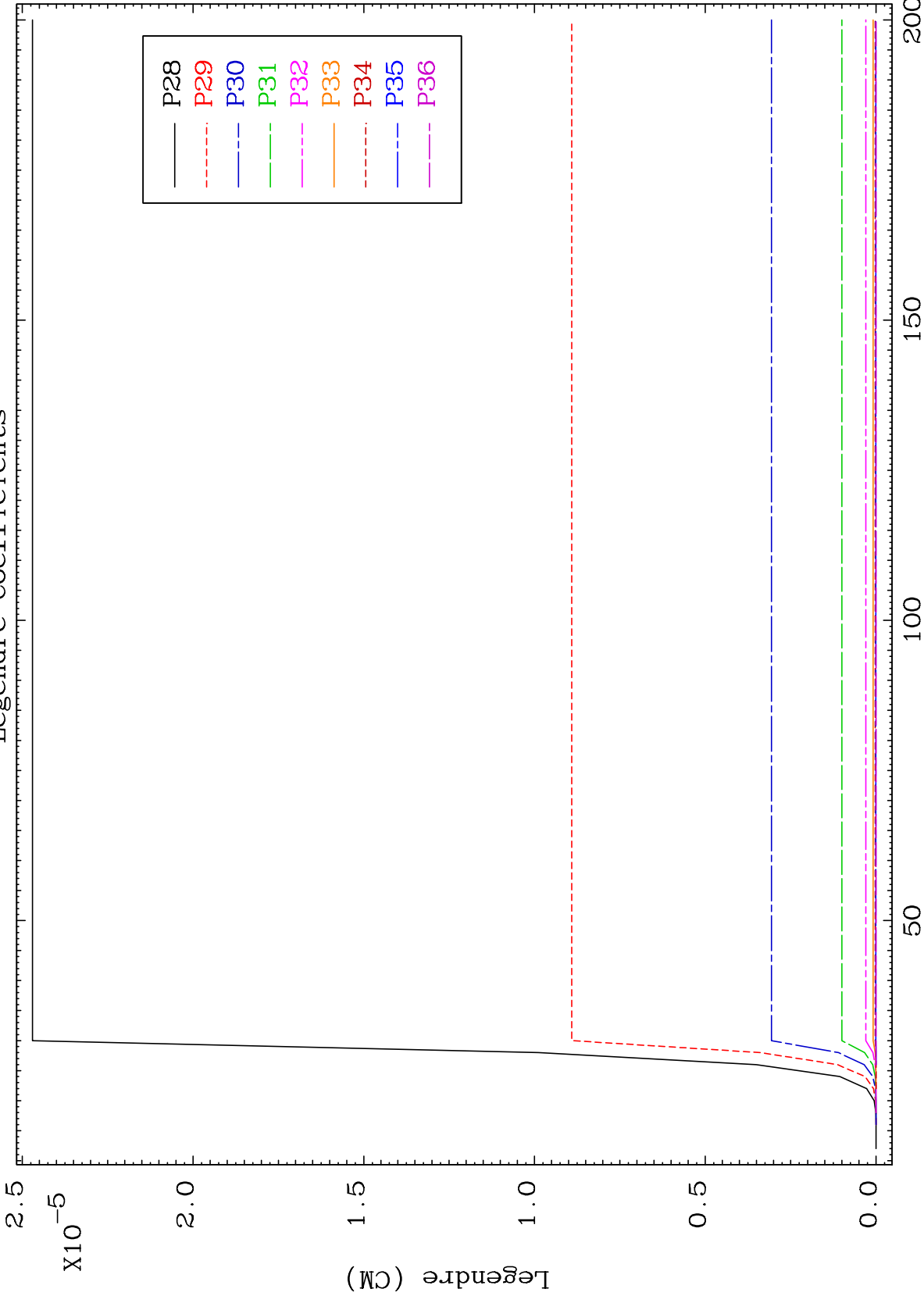
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



31

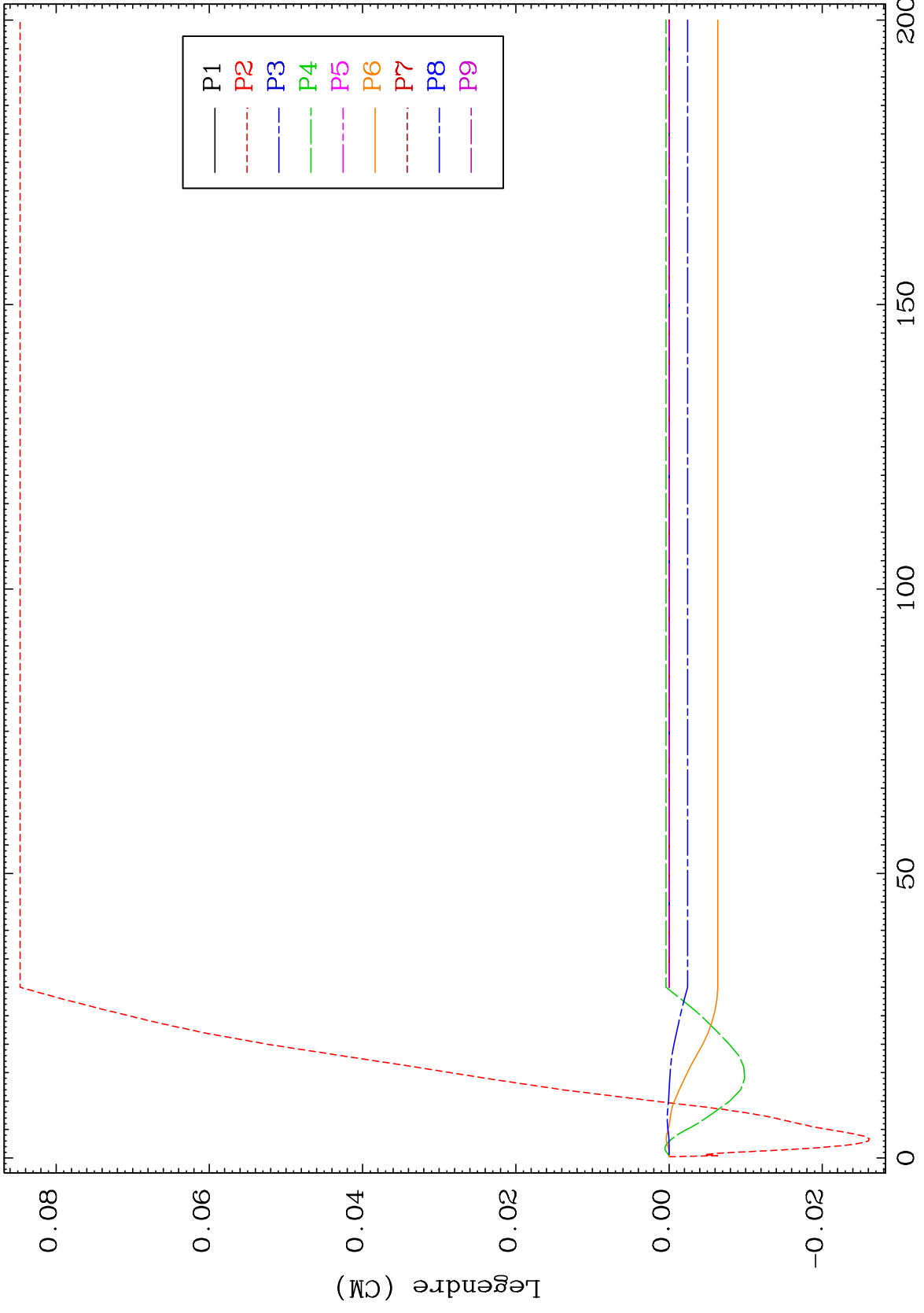
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



32

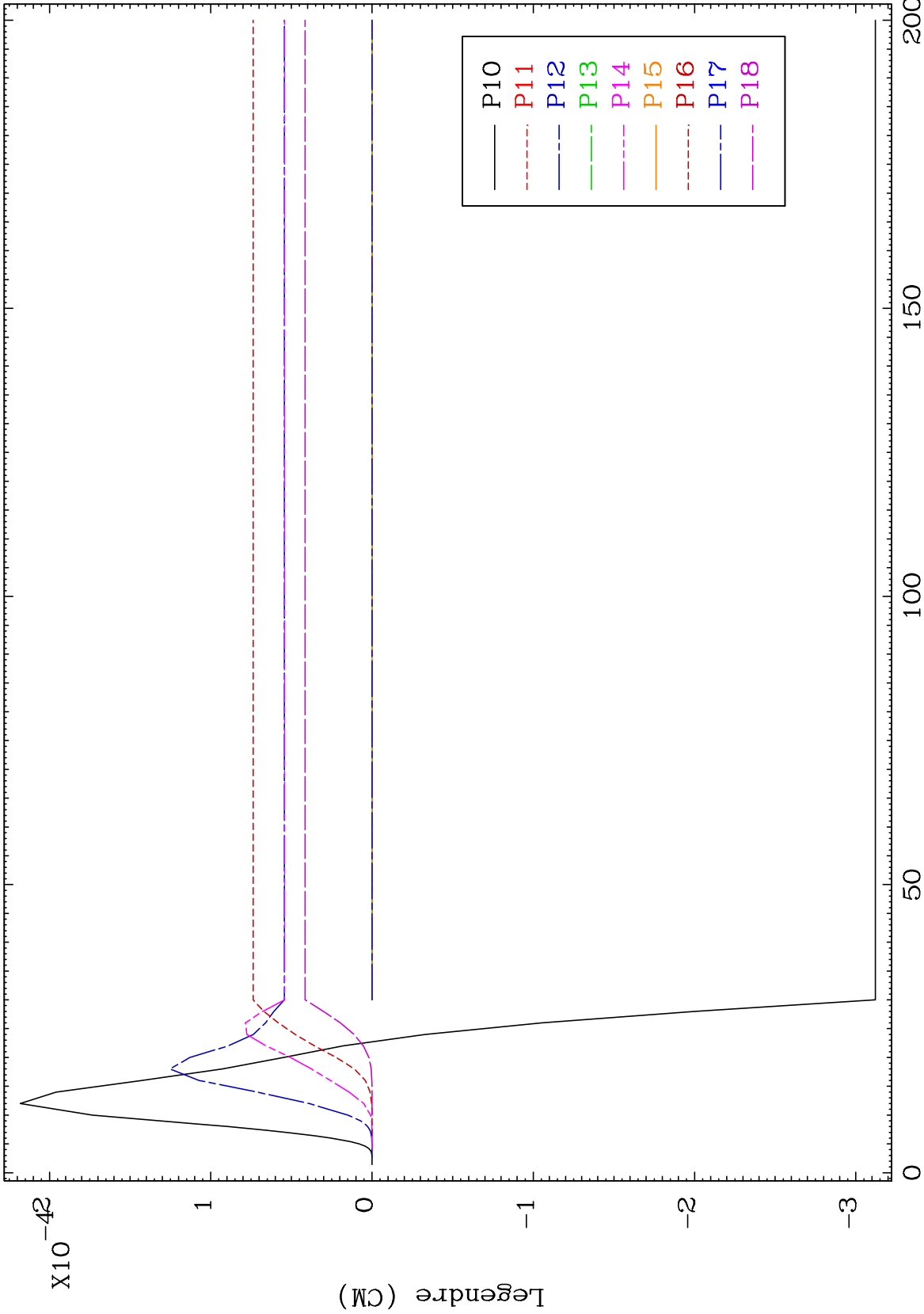
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



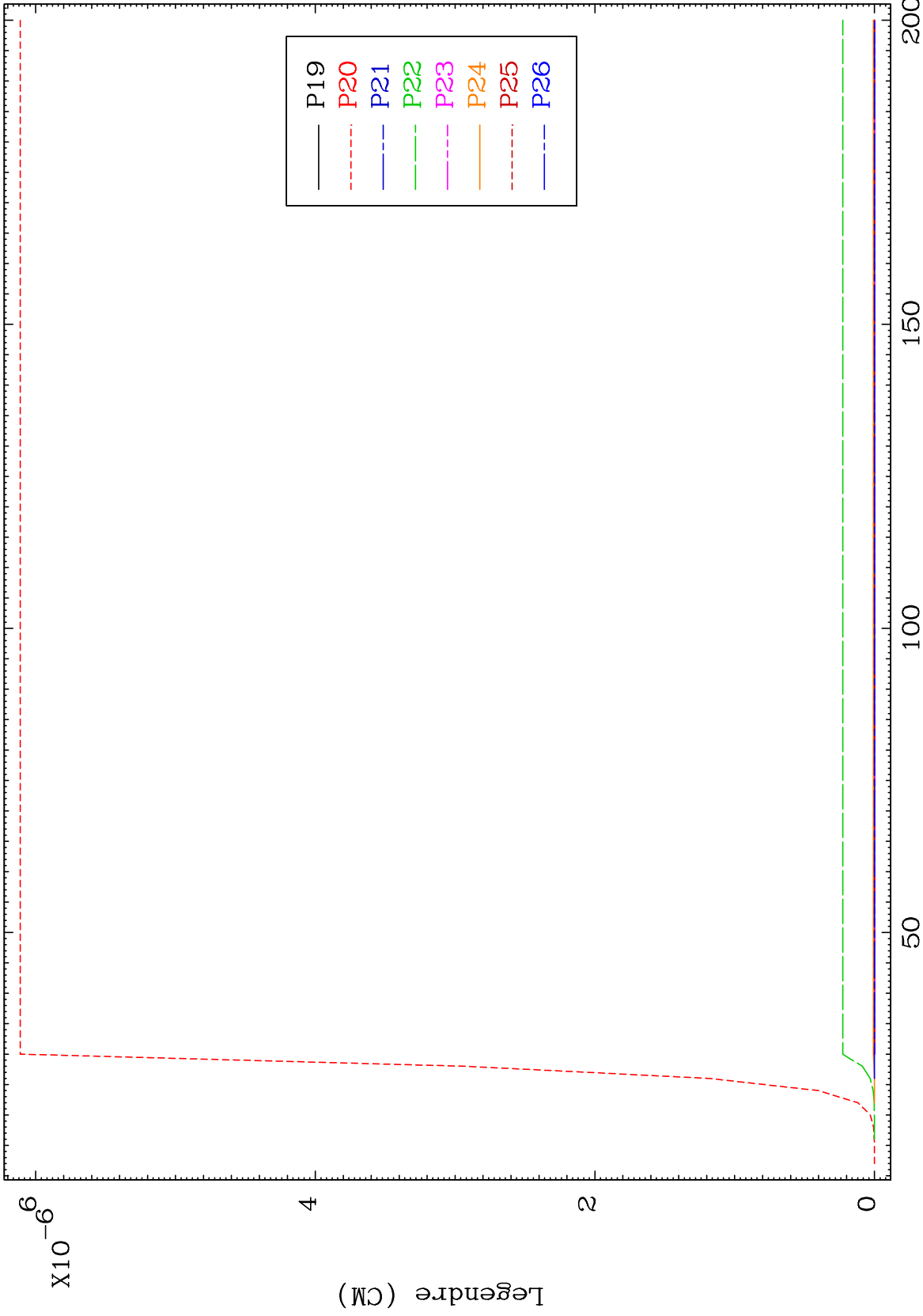
33

73-Ta-167

MAT 7286

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

73-Ta-167



34

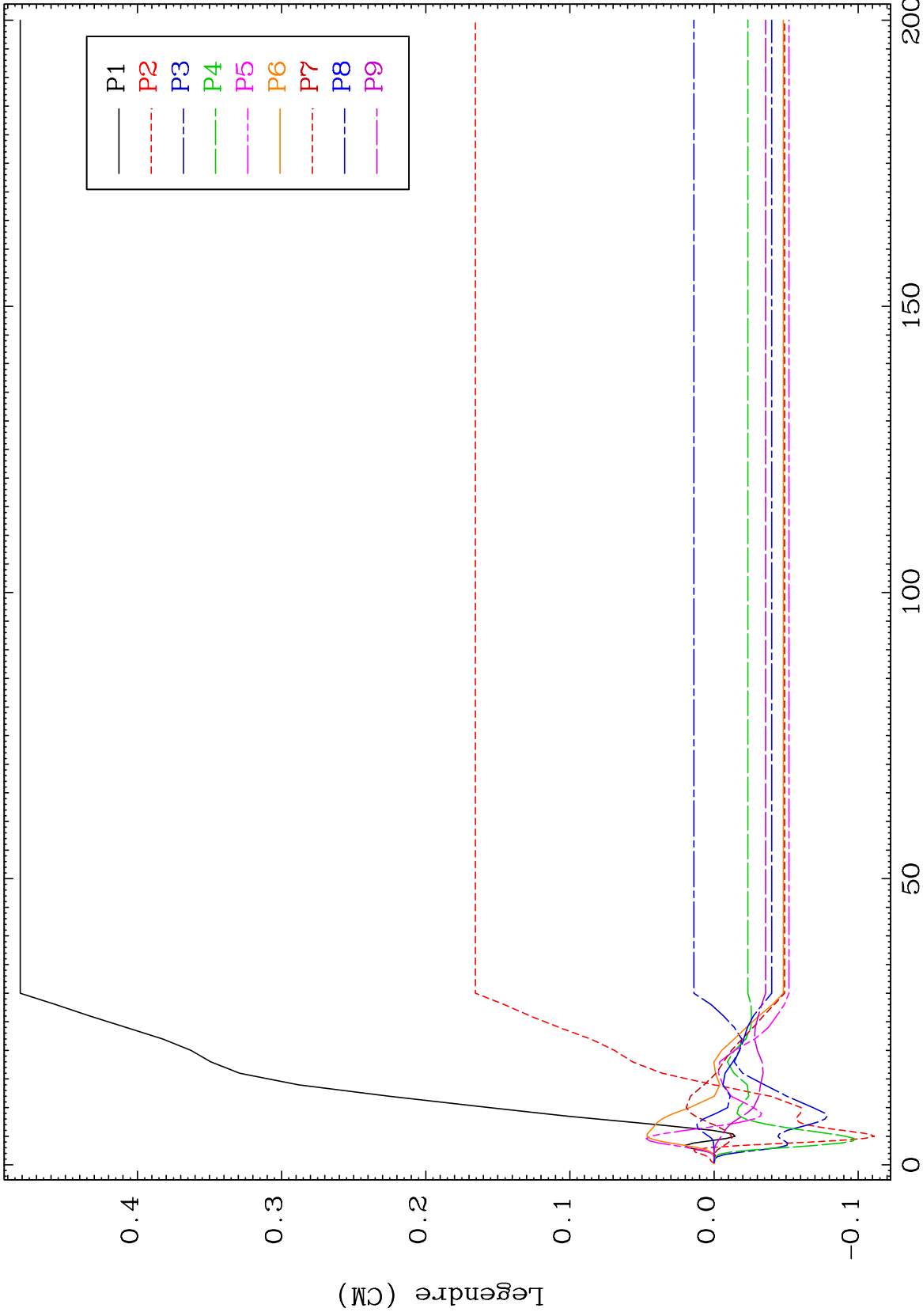
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

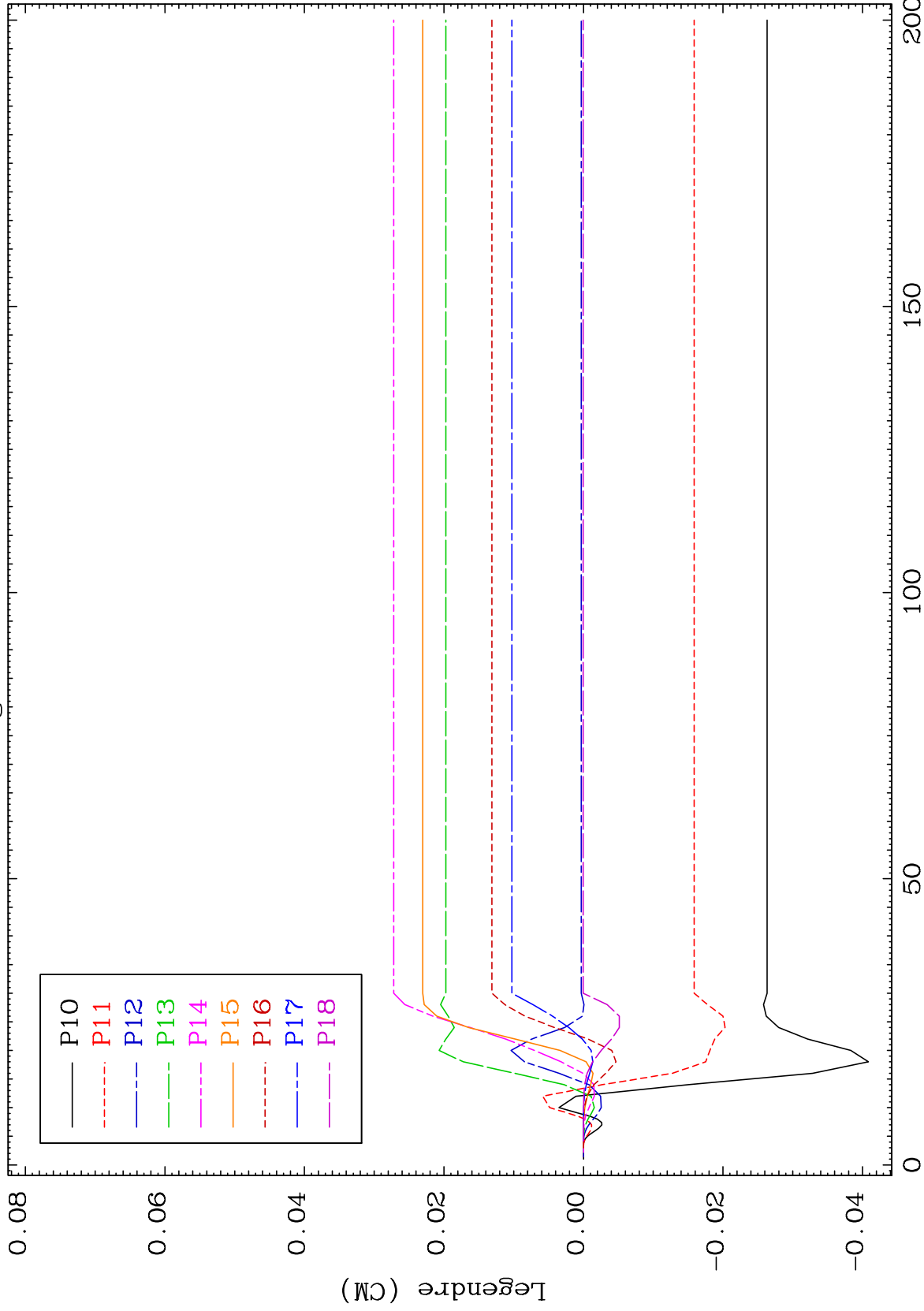
Incident Energy (MeV)

35

MAT 7286

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

73-Ta-167



36

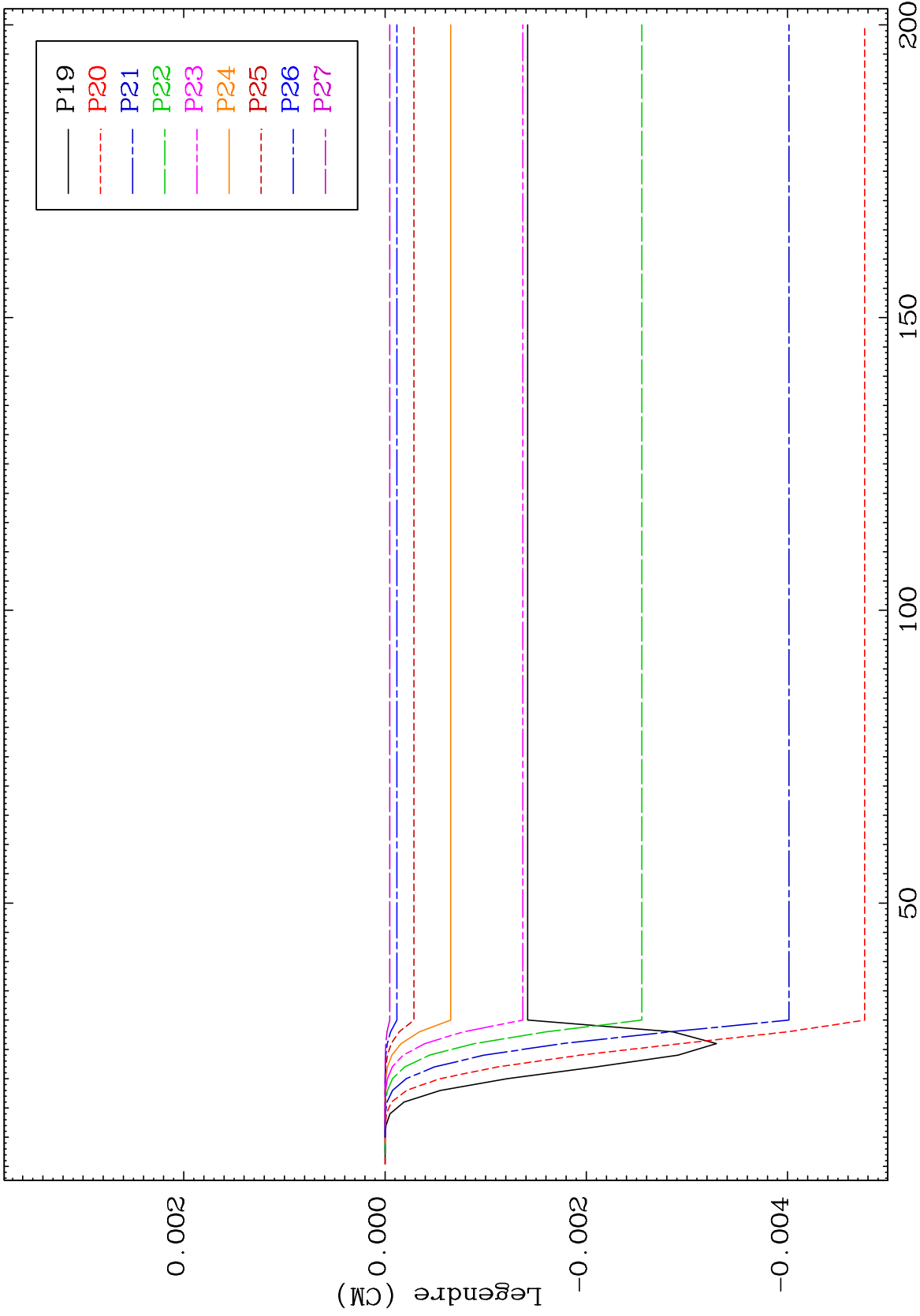
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



37

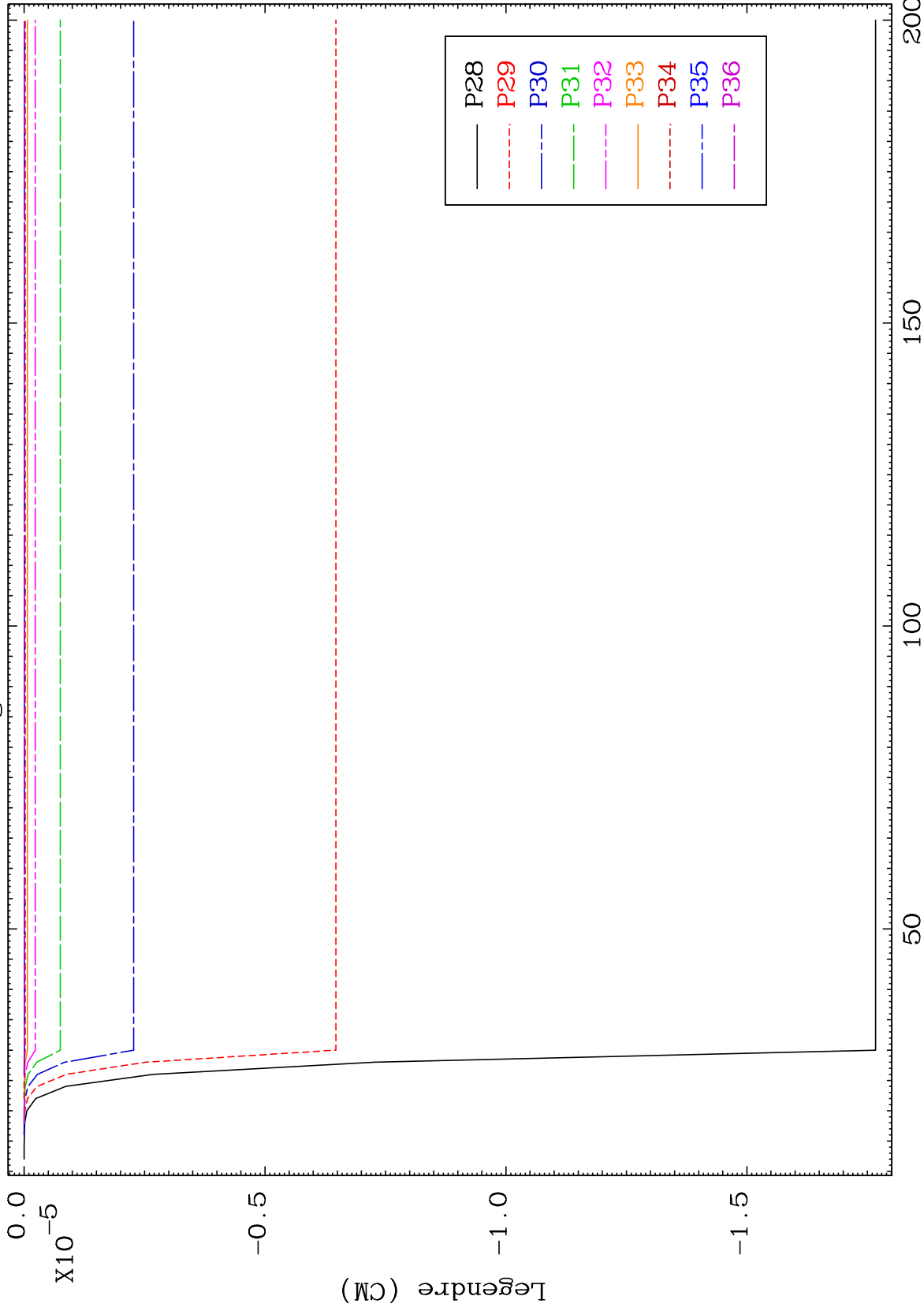
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

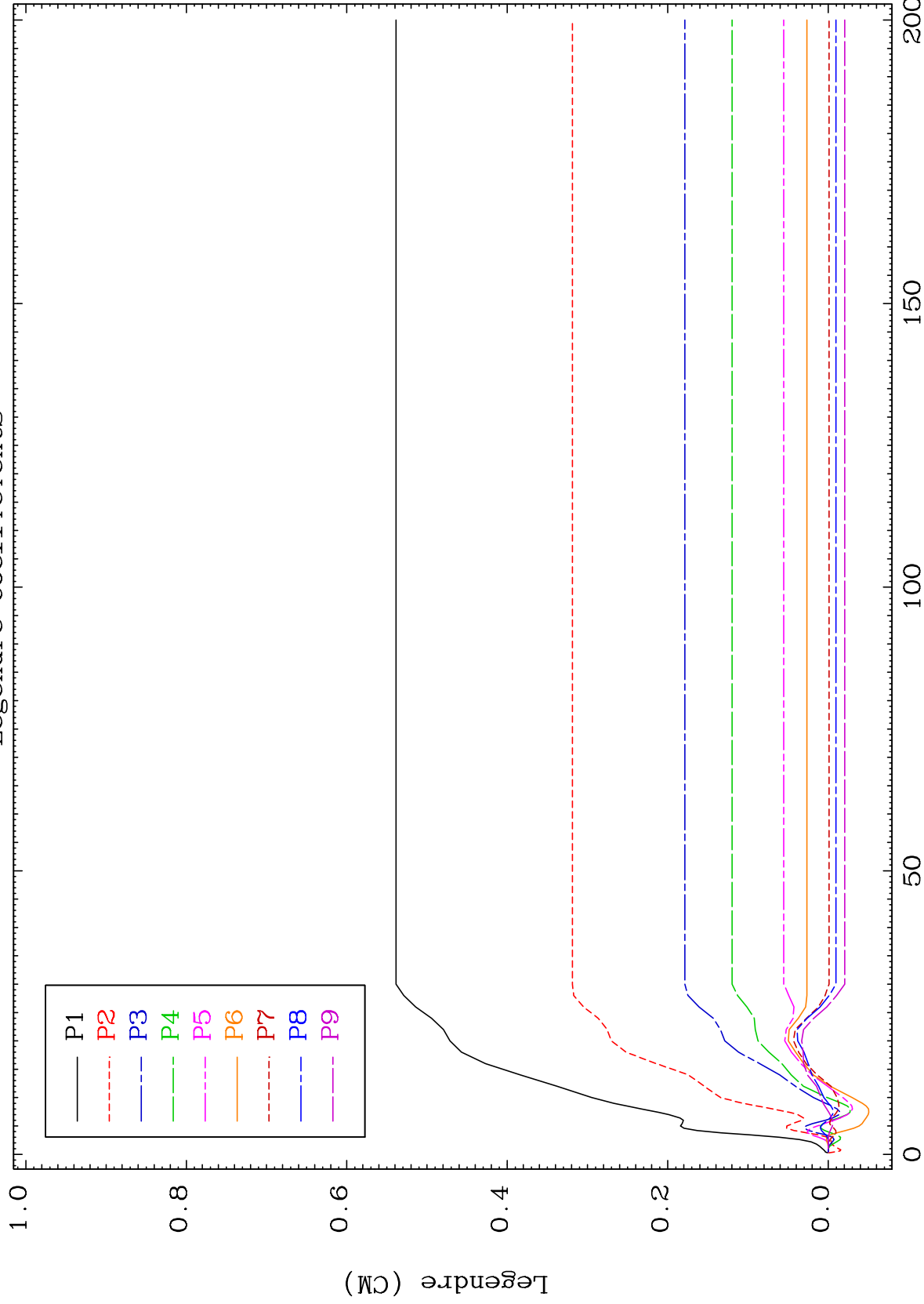
Incident Energy (MeV)

38

MAT 7286

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

73-Ta-167



39

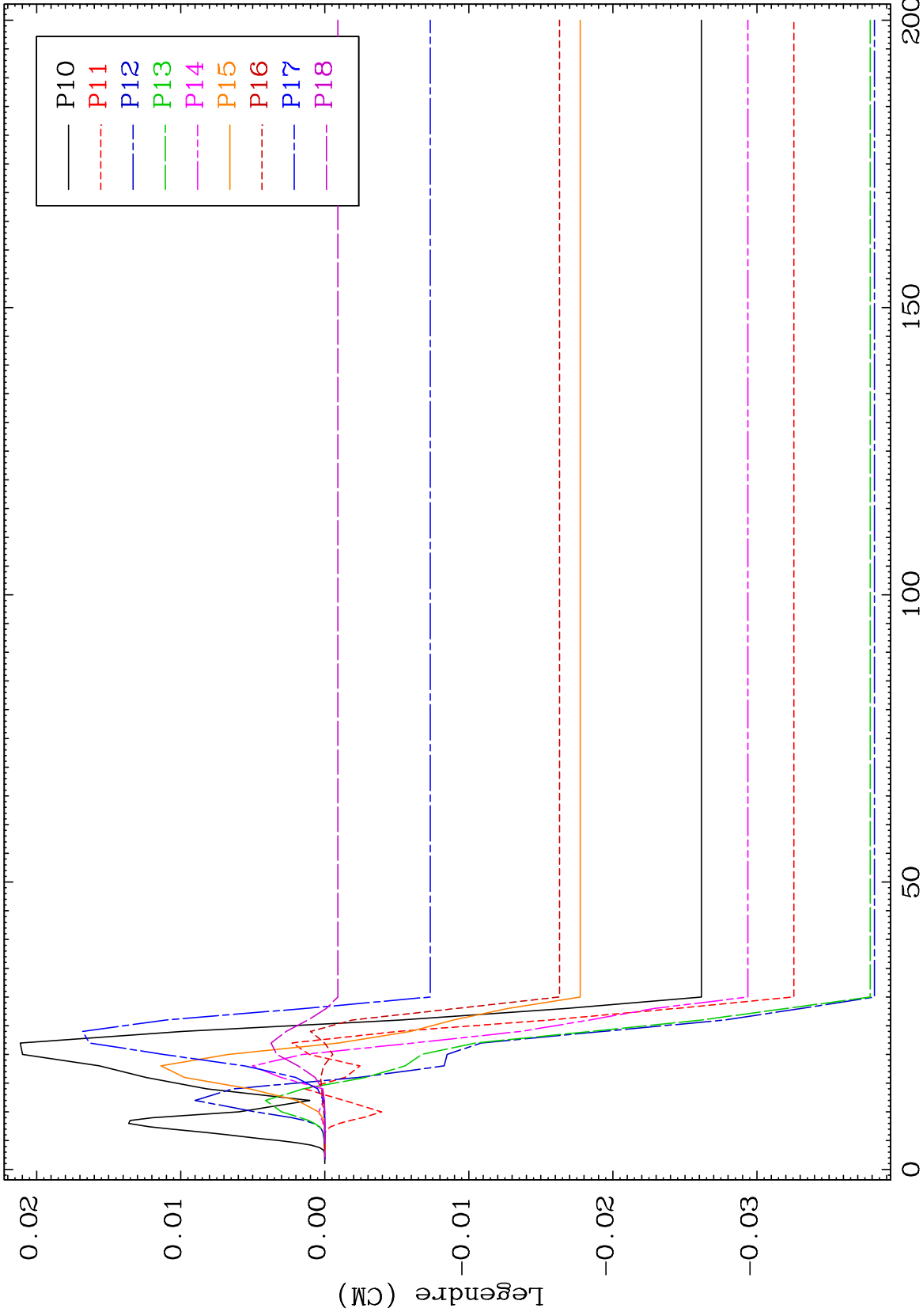
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



40

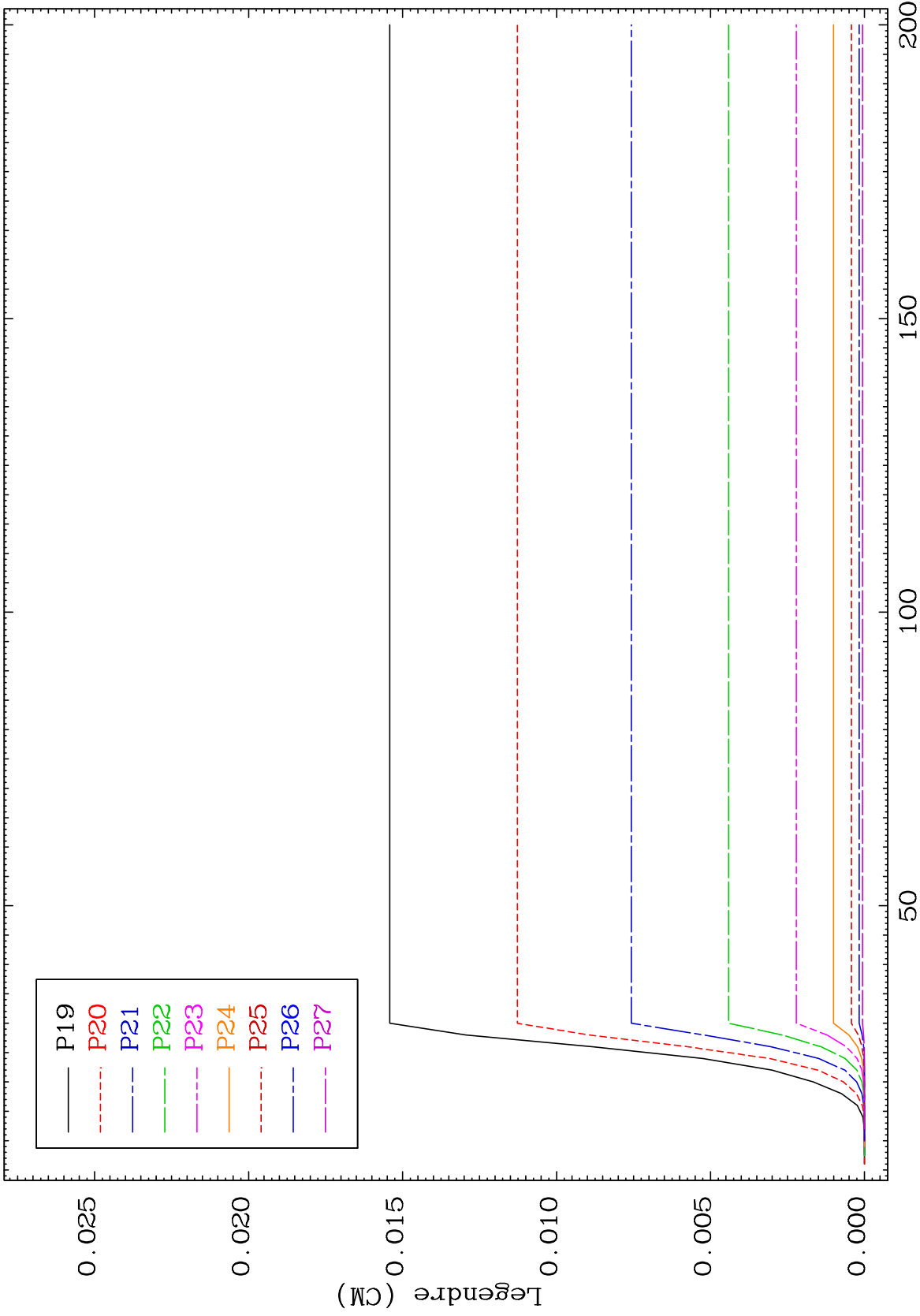
Incident Energy (MeV)

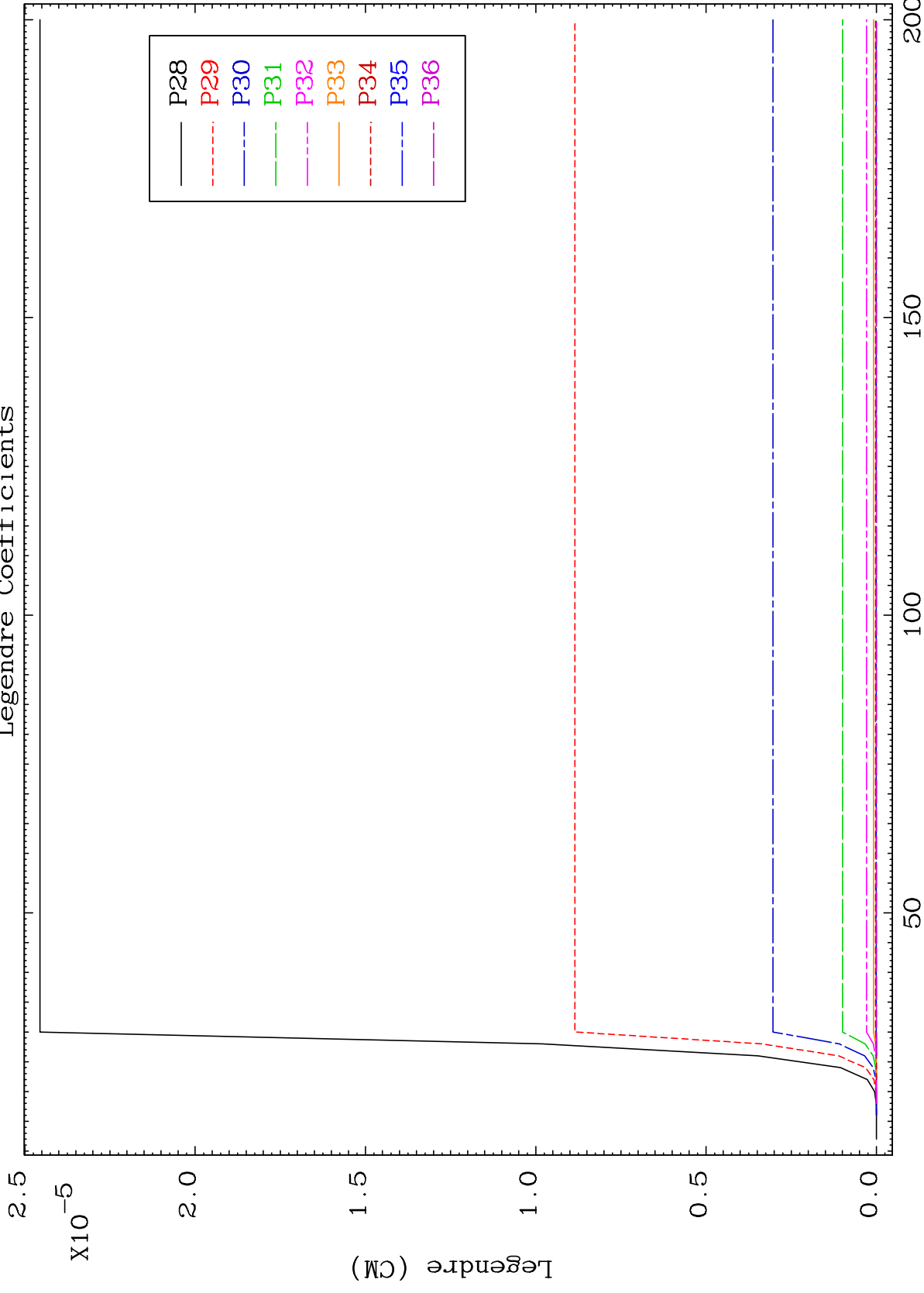
73-Ta-167

MAT 7286

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

73-Ta-167

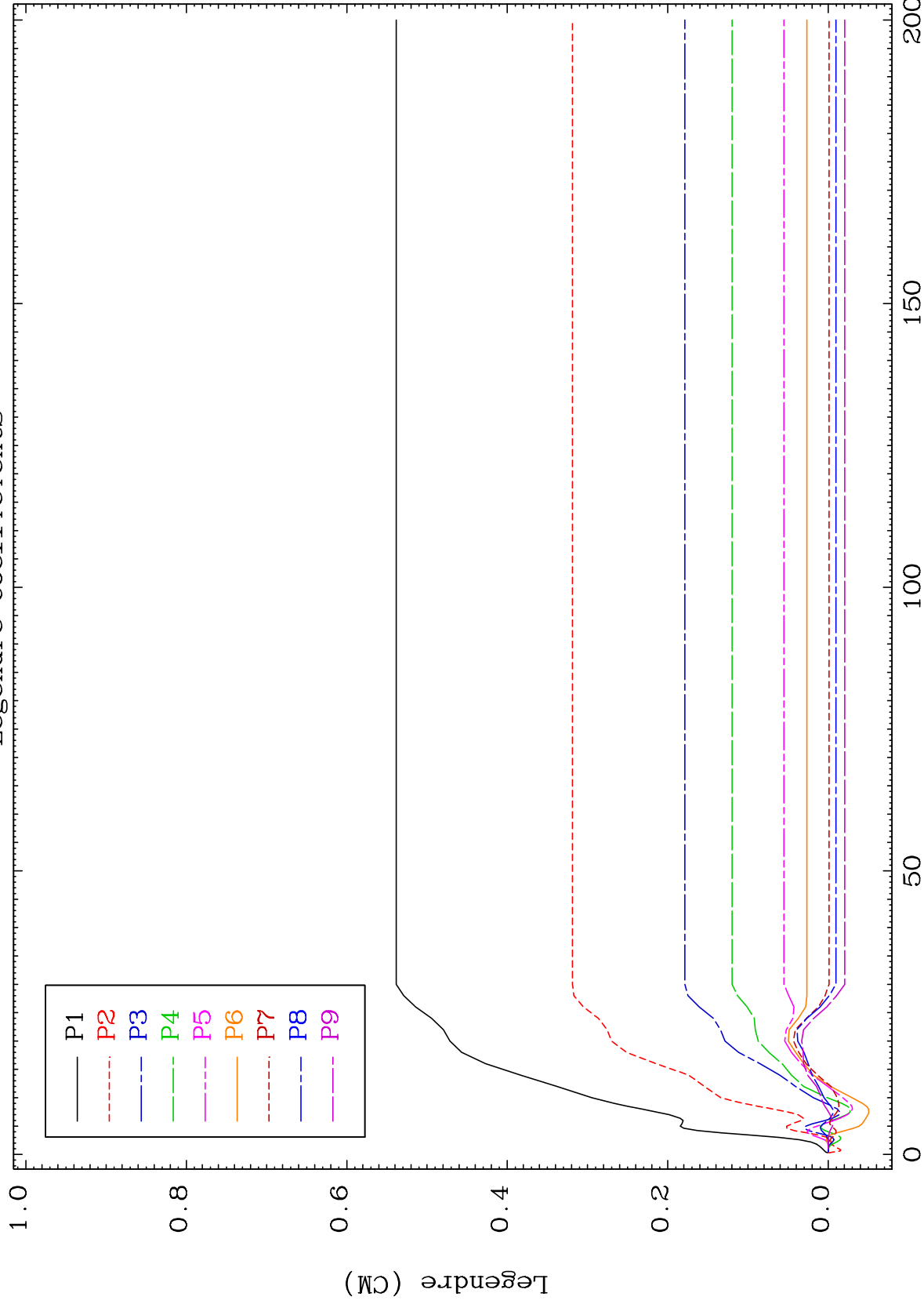




MAT 7286

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

73-Ta-167



43

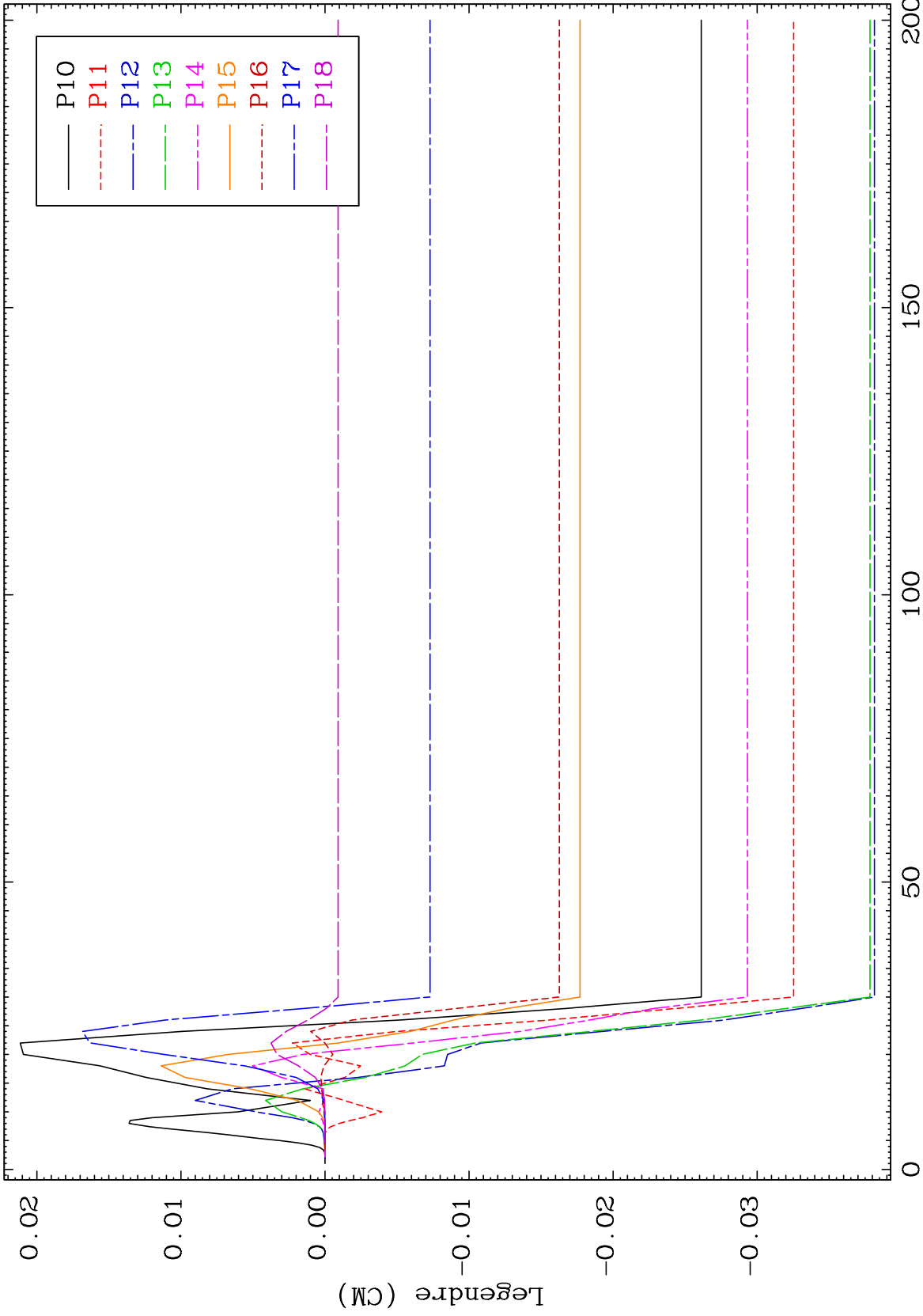
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



44

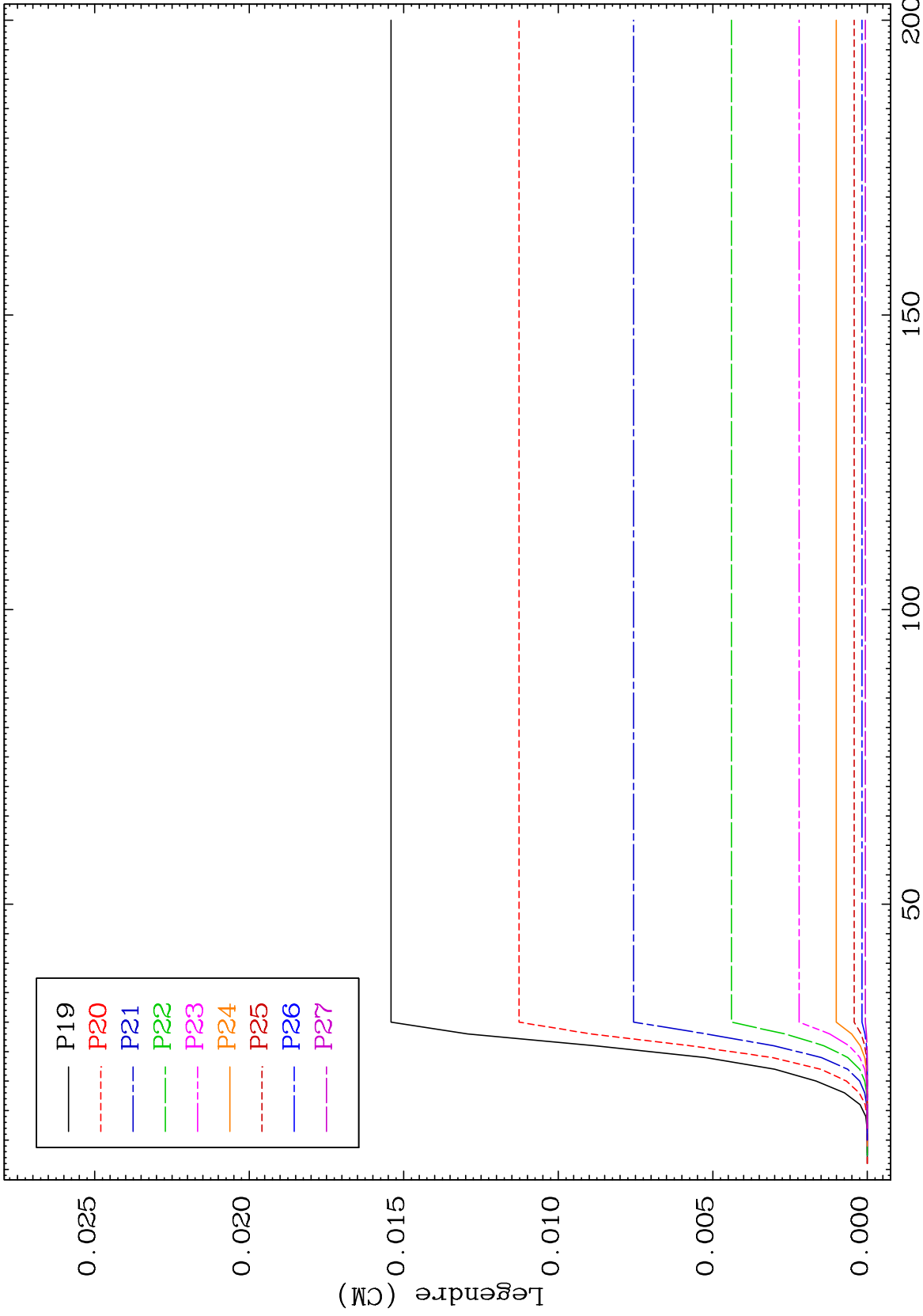
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



45

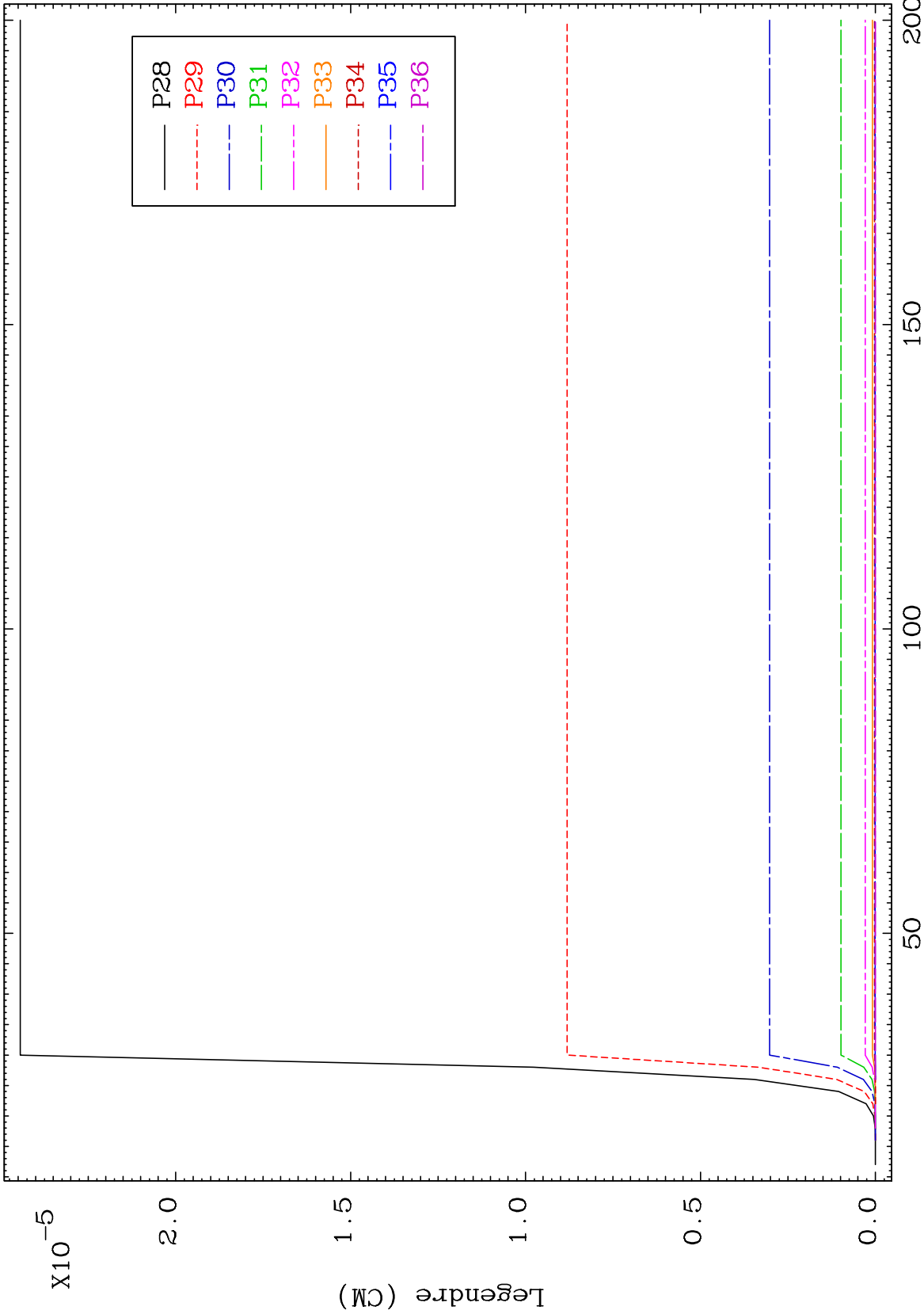
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



46

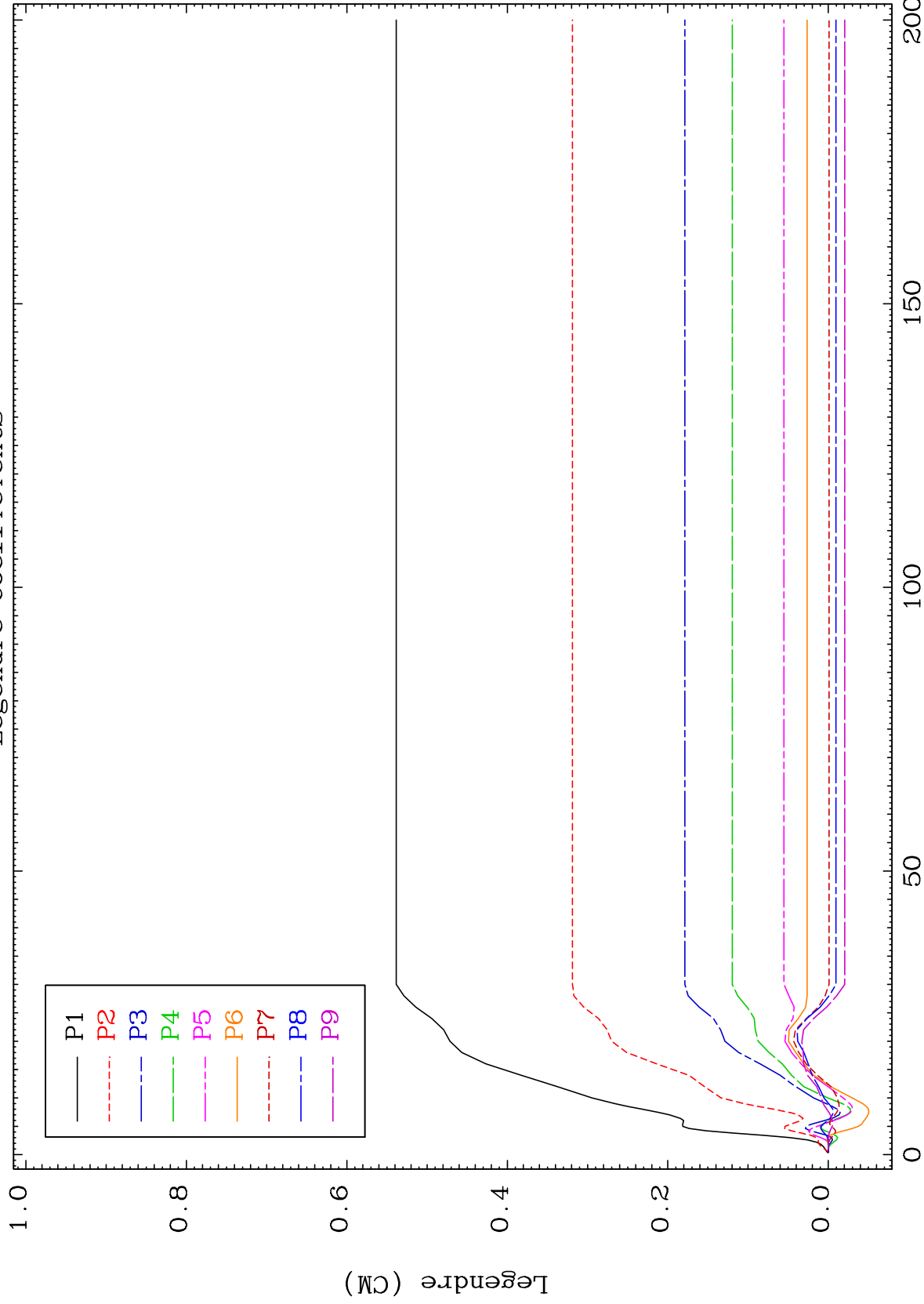
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



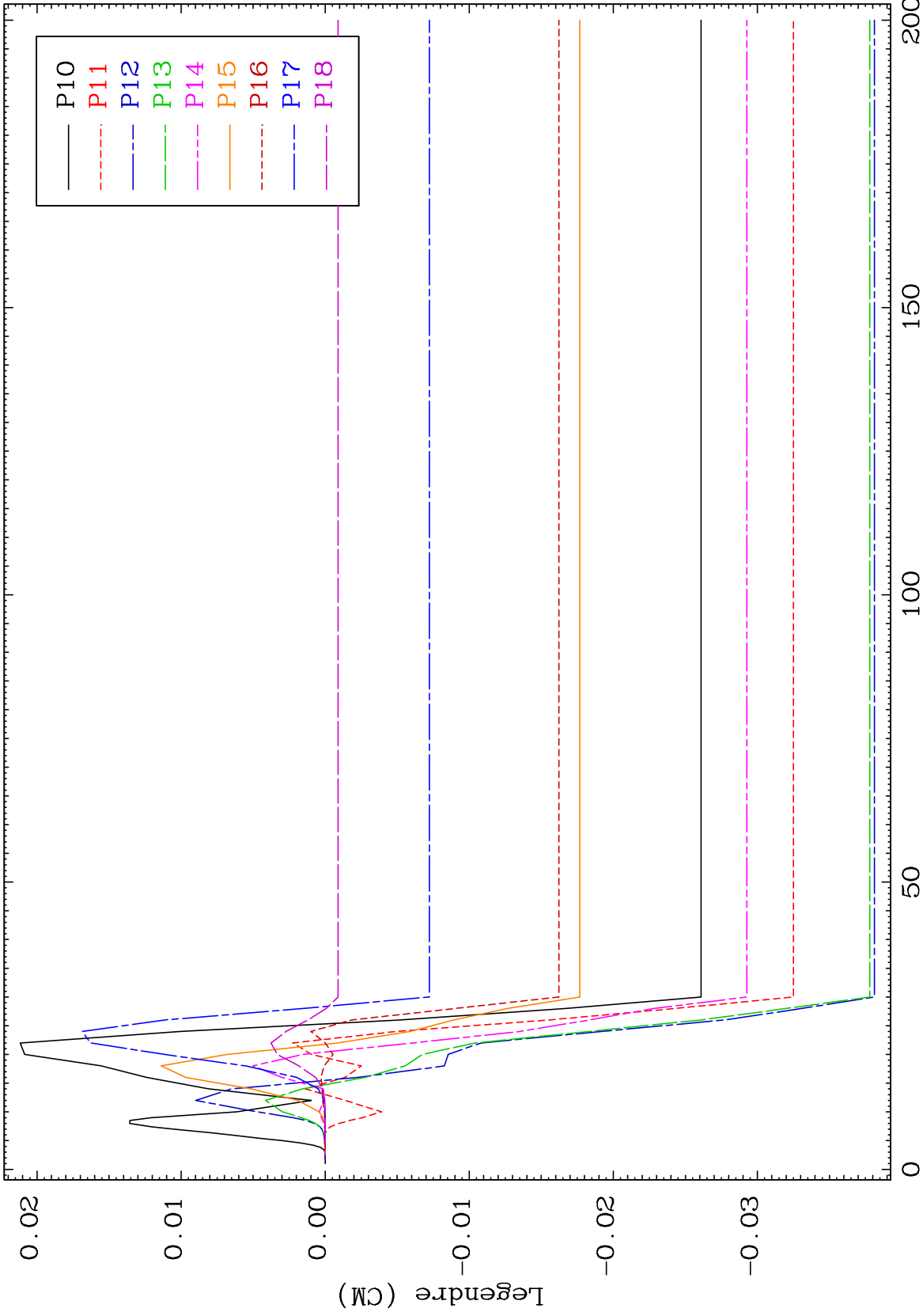
47

73-Ta-167

MAT 7286

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

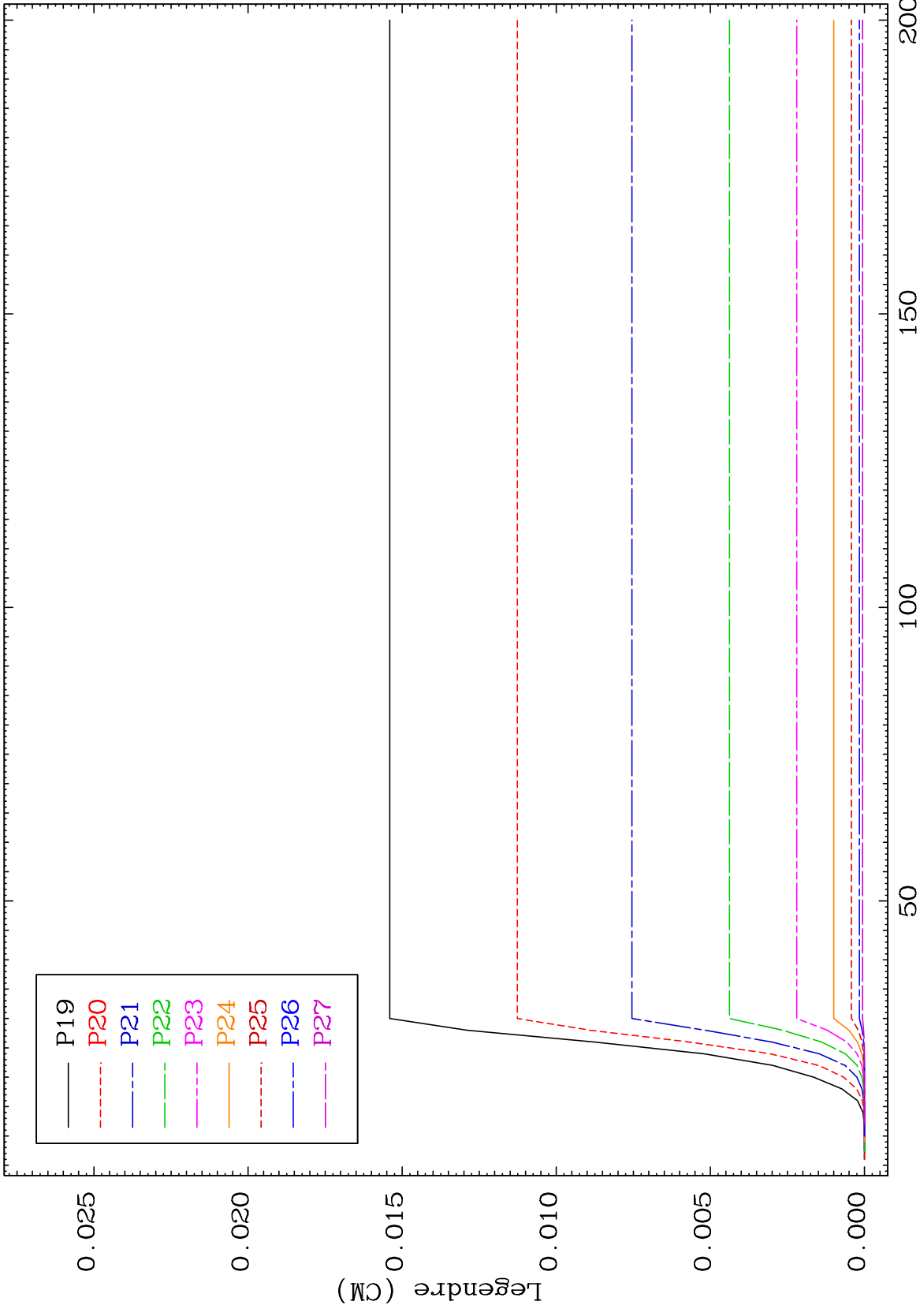
73-Ta-167



48

Incident Energy (MeV)

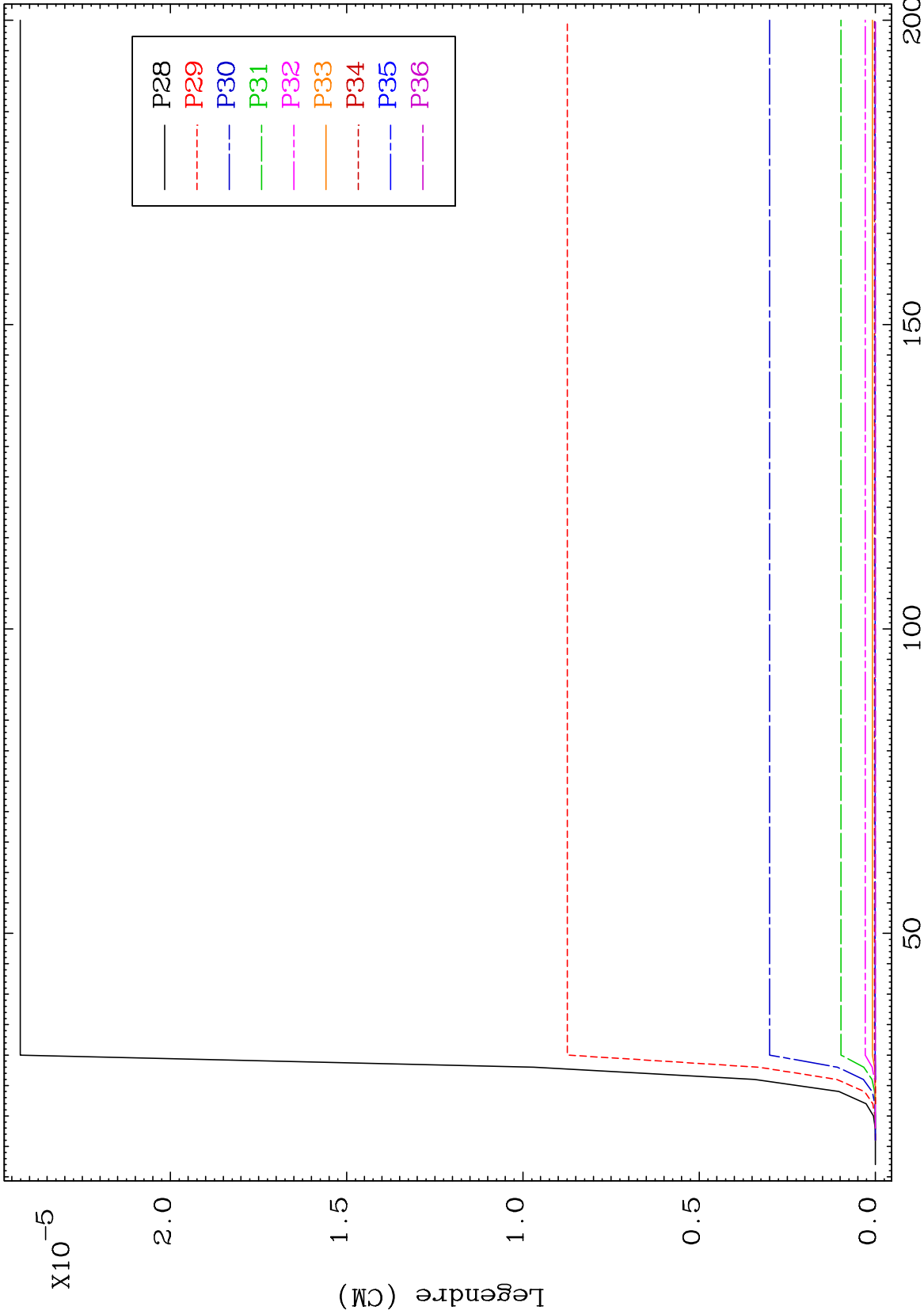
73-Ta-167



MAT 7286

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

73-Ta-167



50

50

100

150

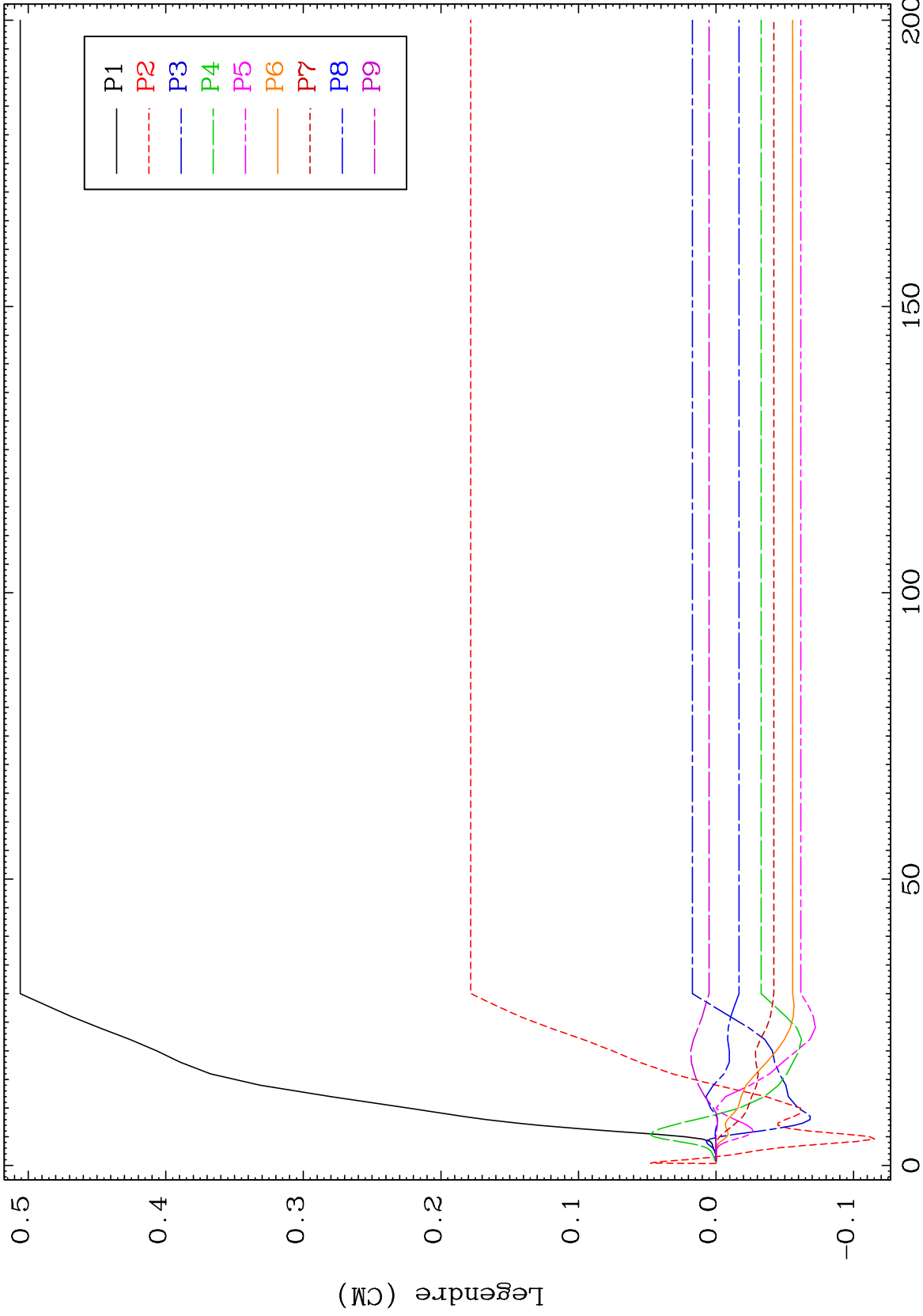
200

73-Ta-167

MAT 7286

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

73-Ta-167



51

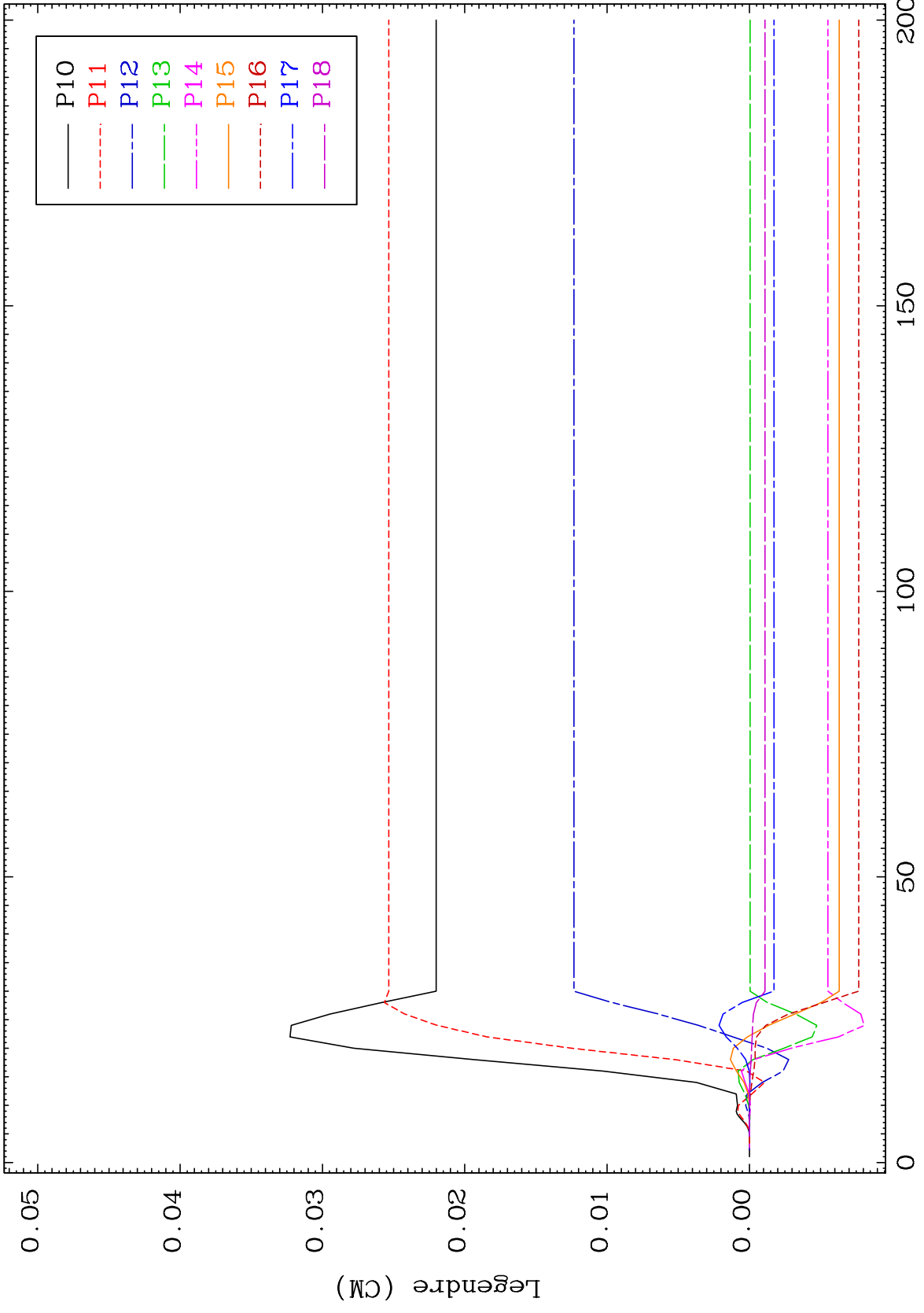
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



52

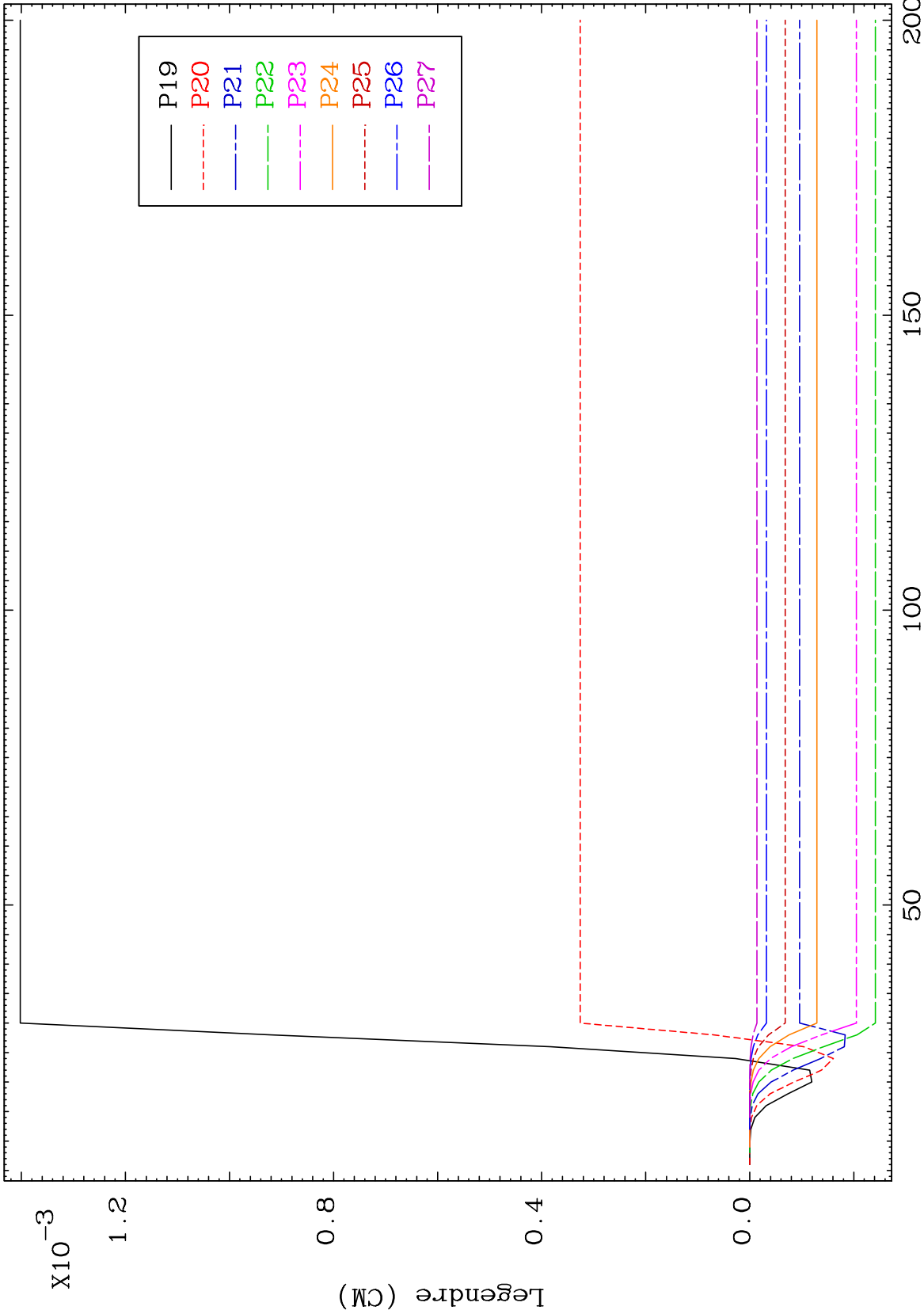
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



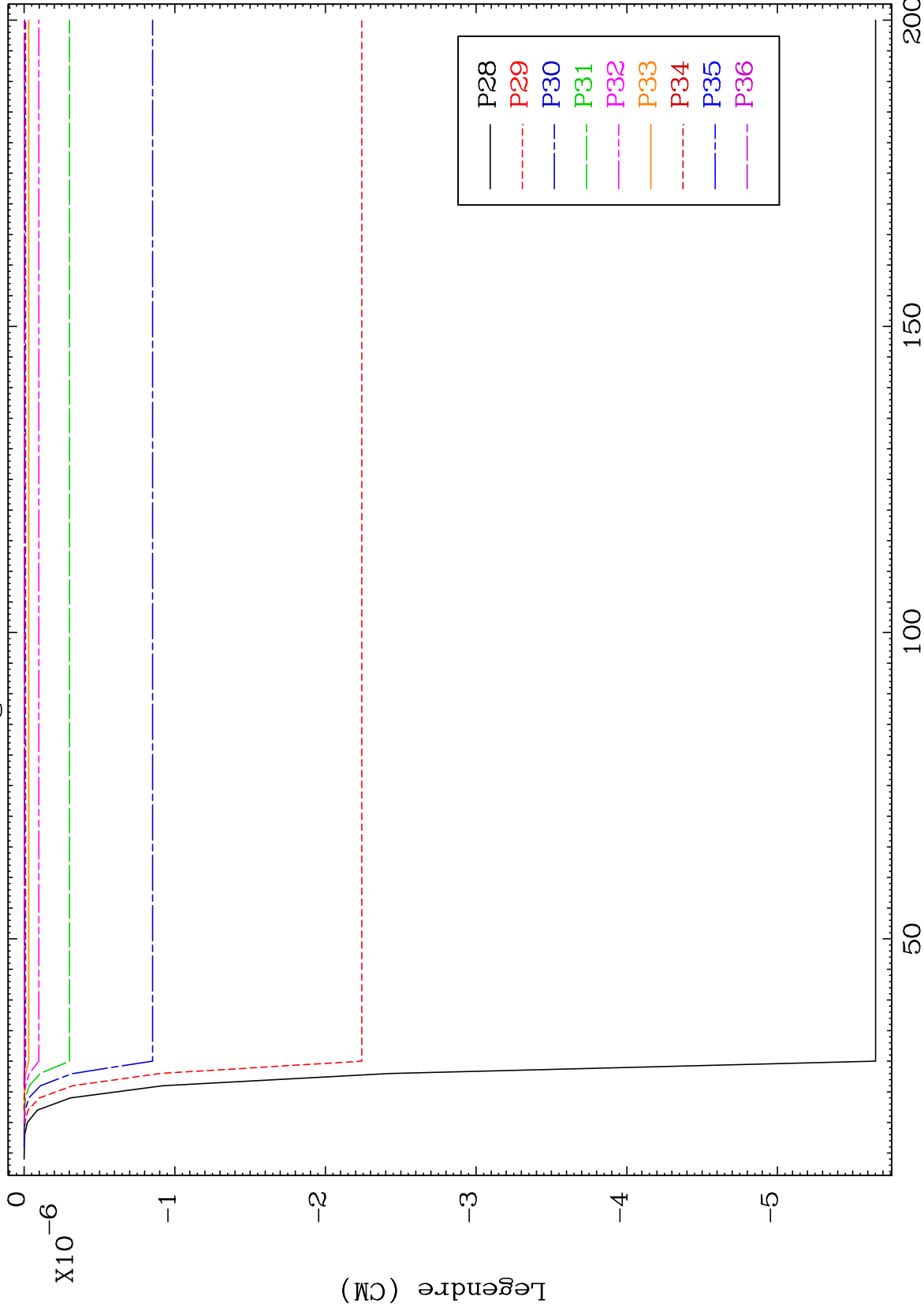
53

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

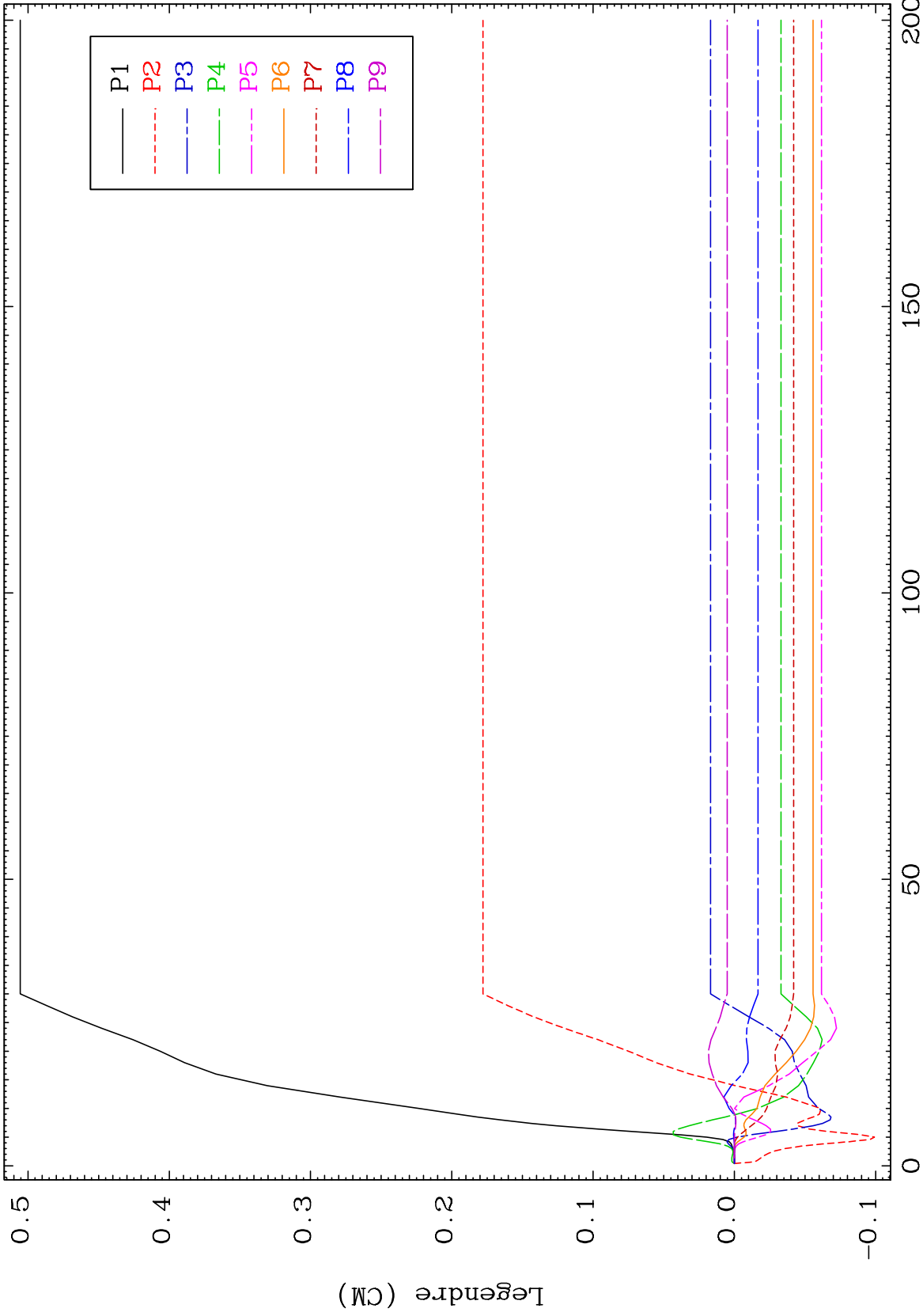
Incident Energy (MeV)

54

MAT 7286

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

73-Ta-167



55

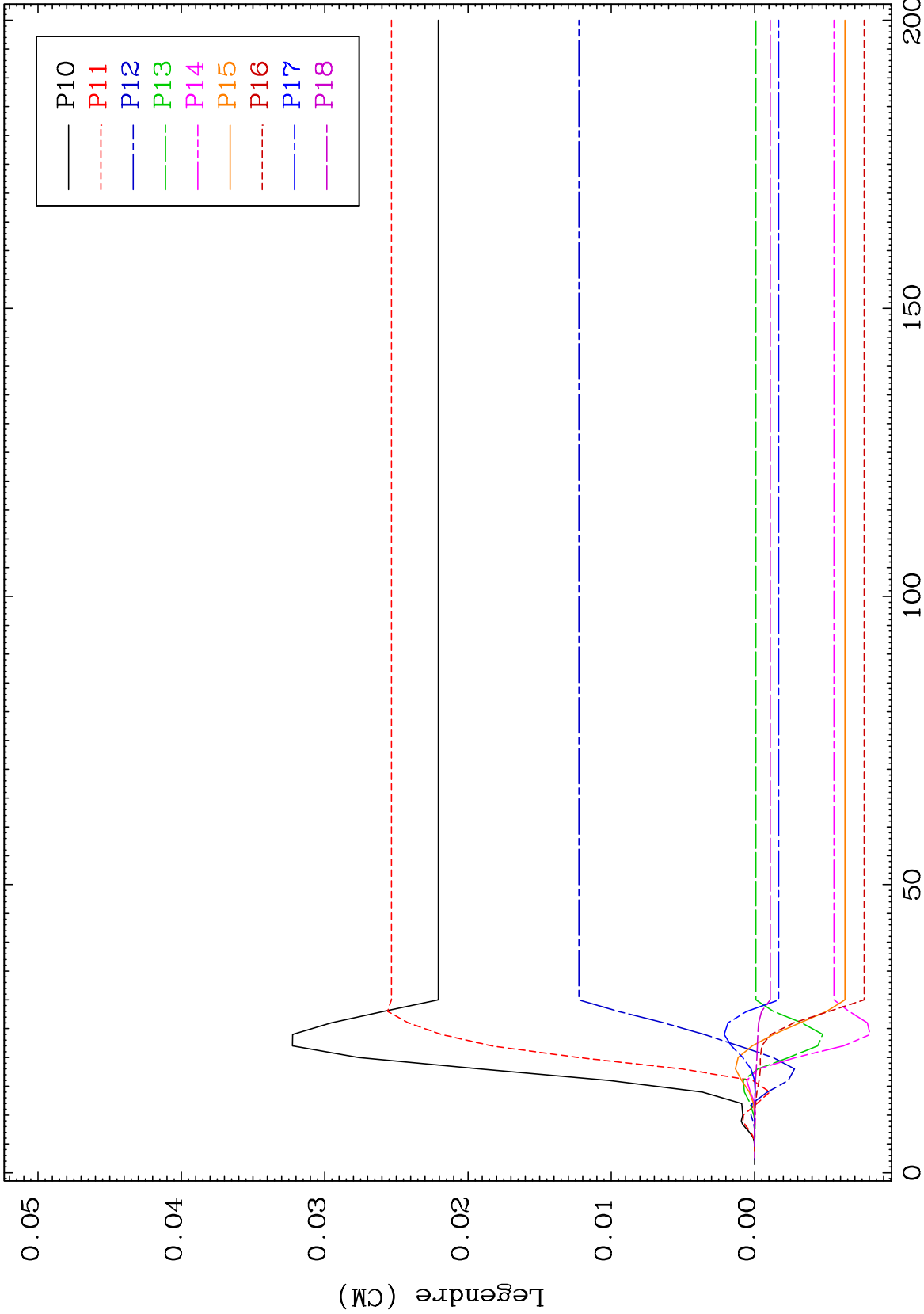
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



56

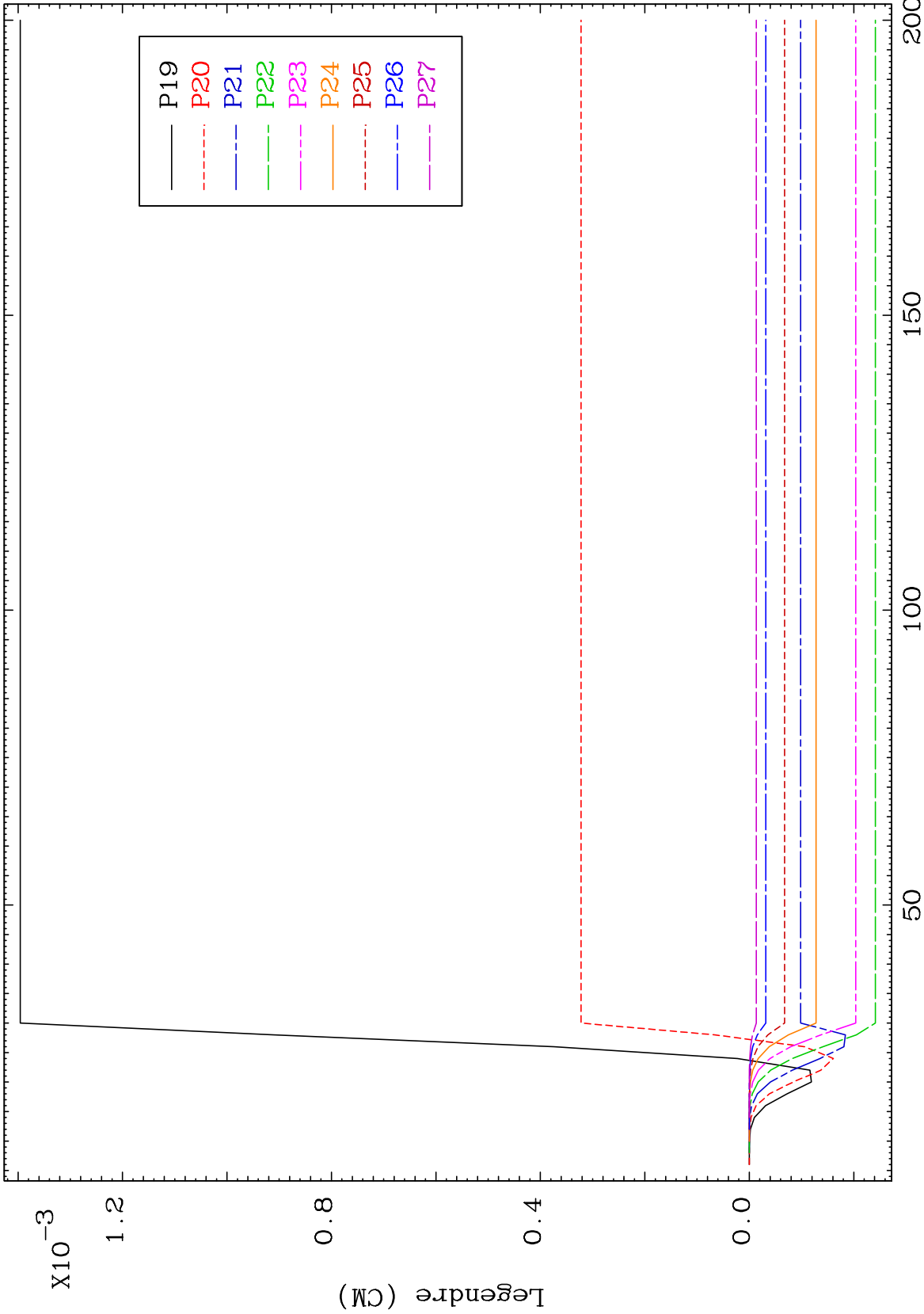
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



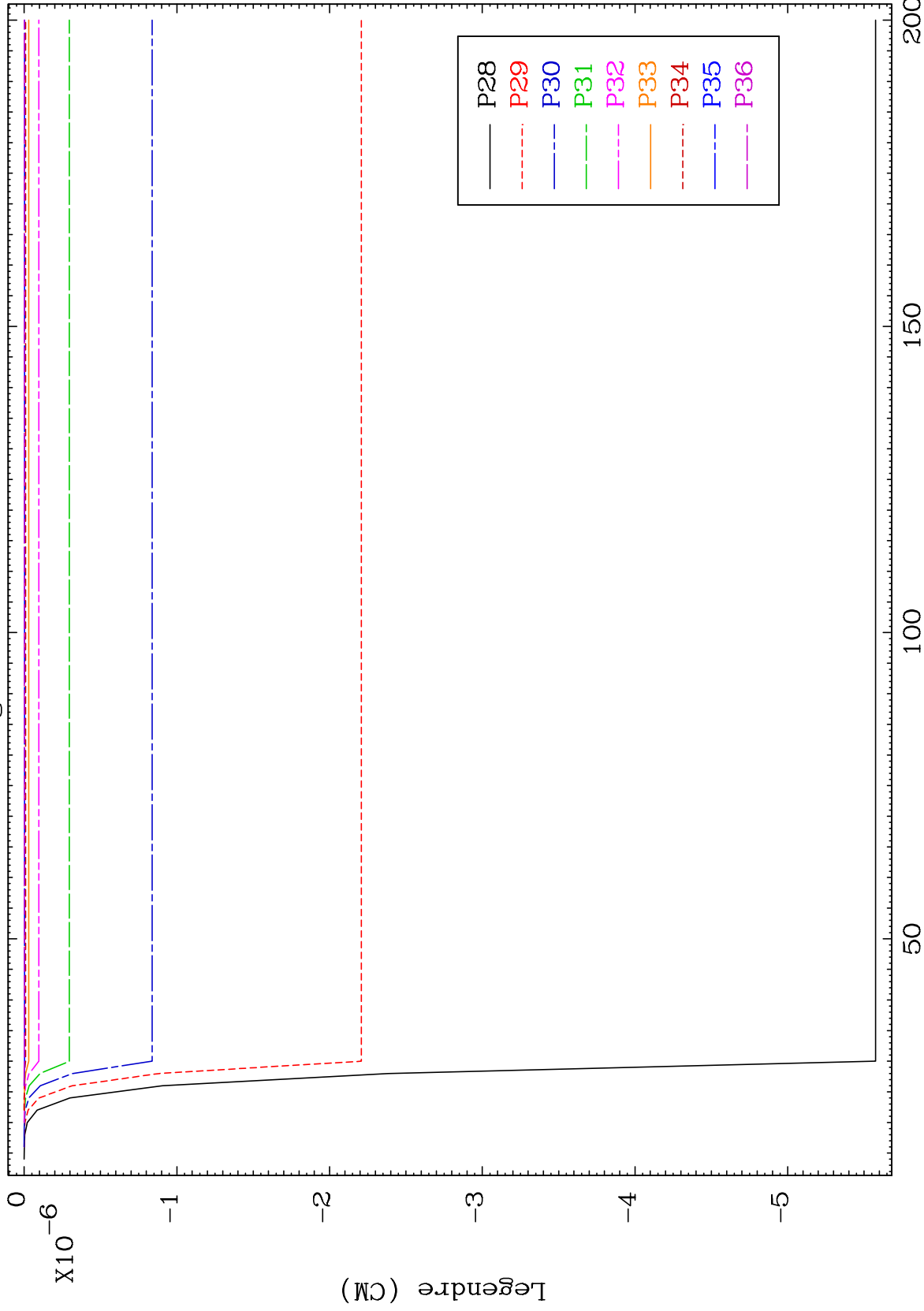
57

73-Ta-167

MAT 7286

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

73-Ta-167



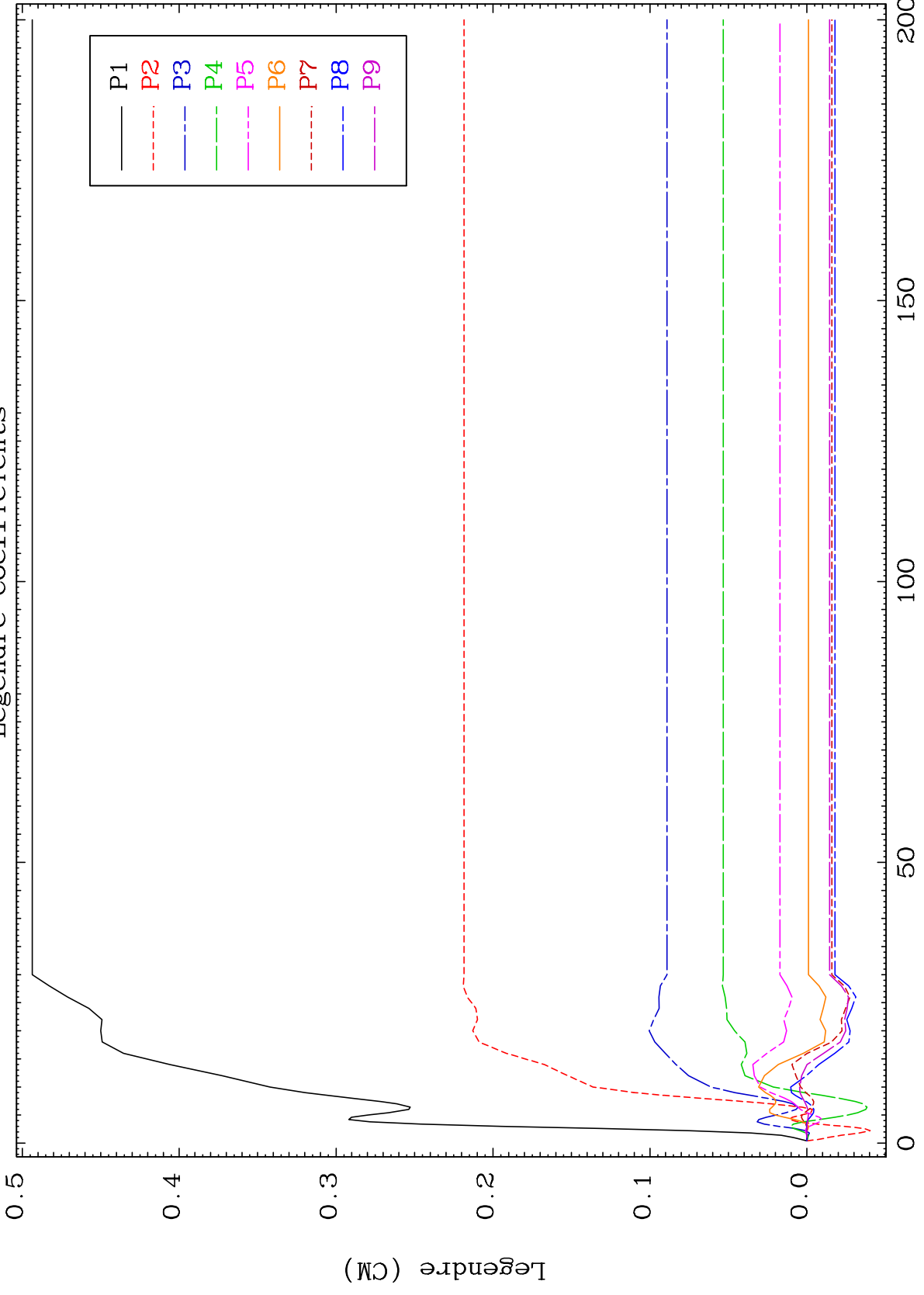
58

73-Ta-167

MAT 7286

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

73-Ta-167



59

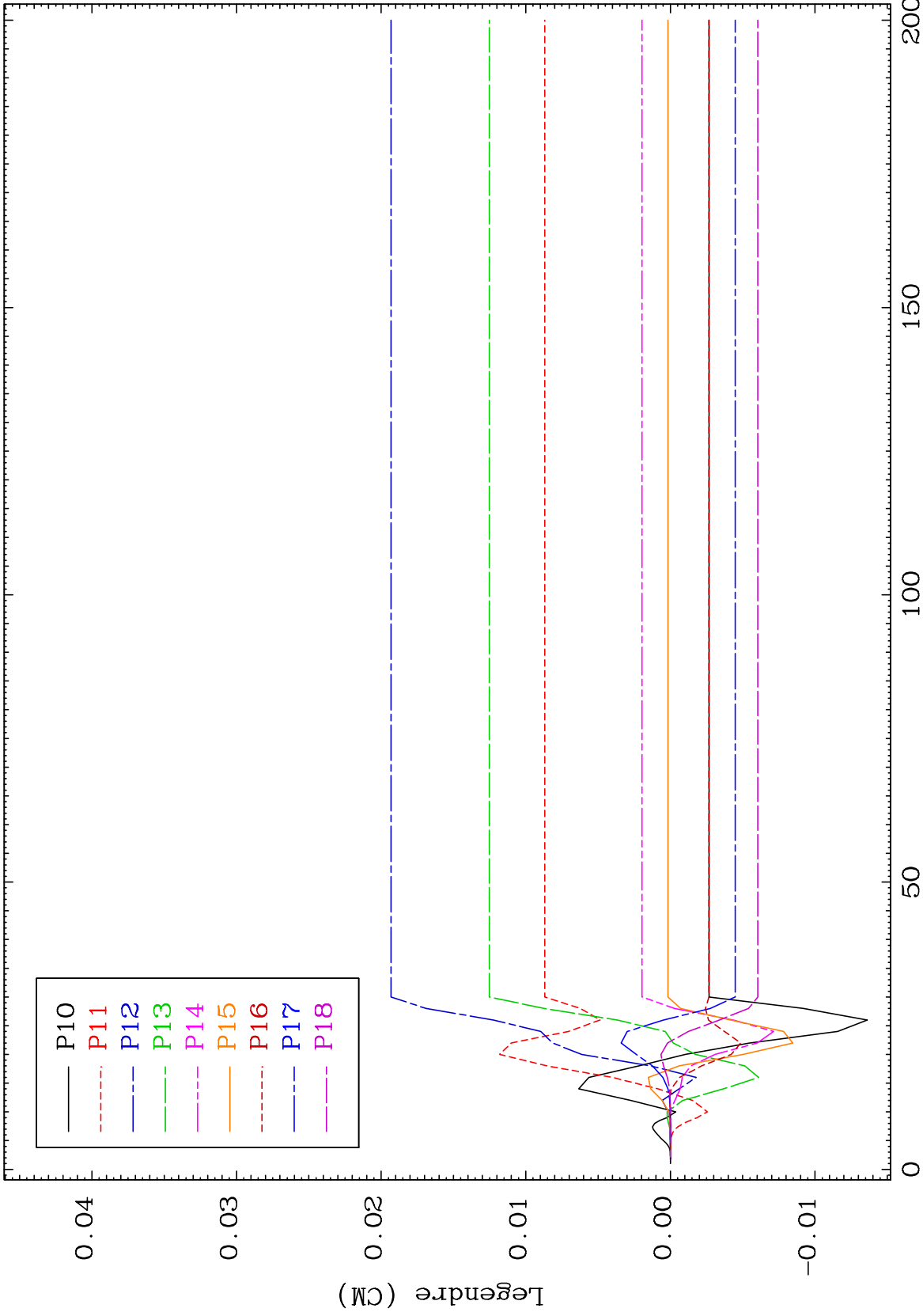
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



60

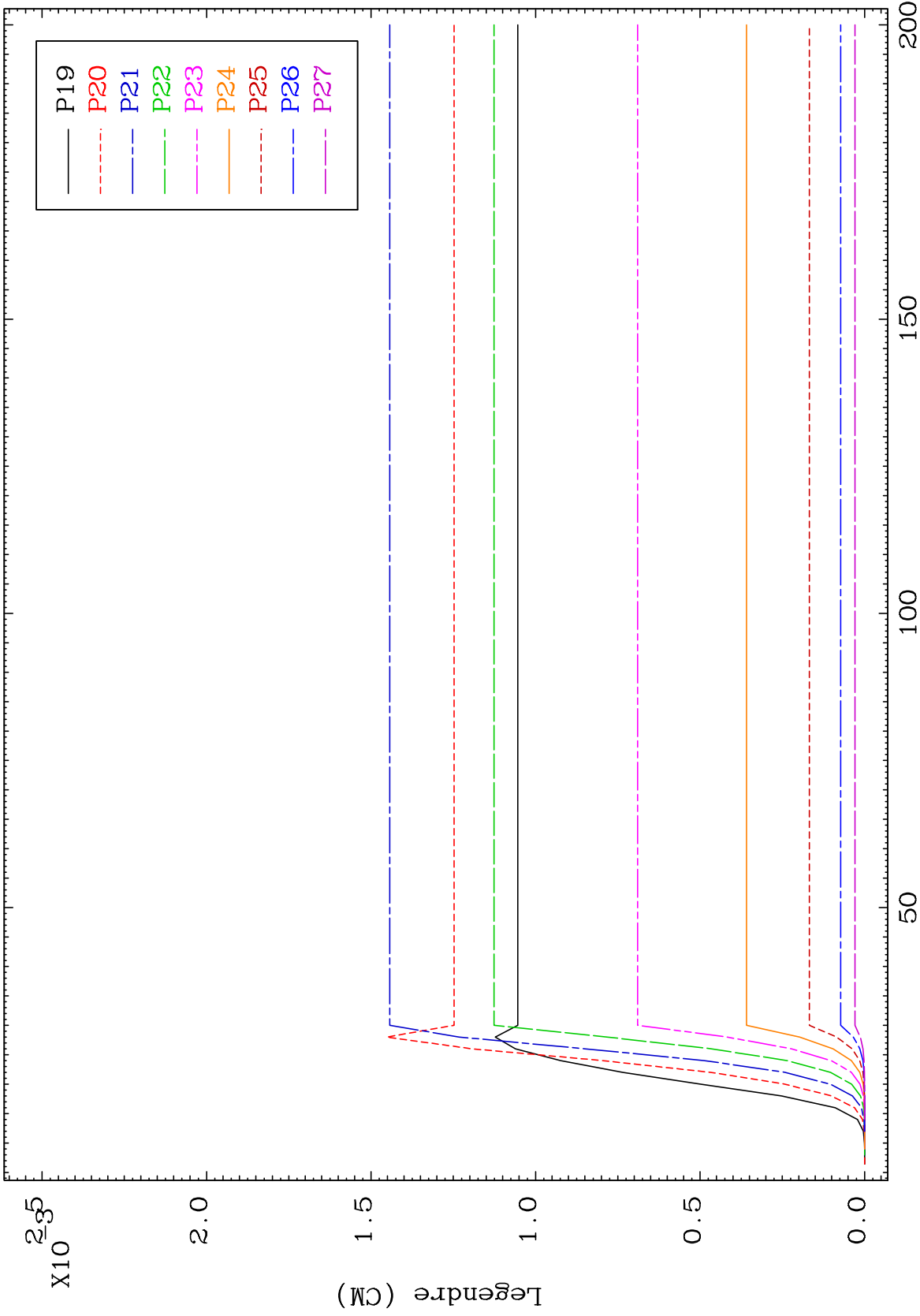
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



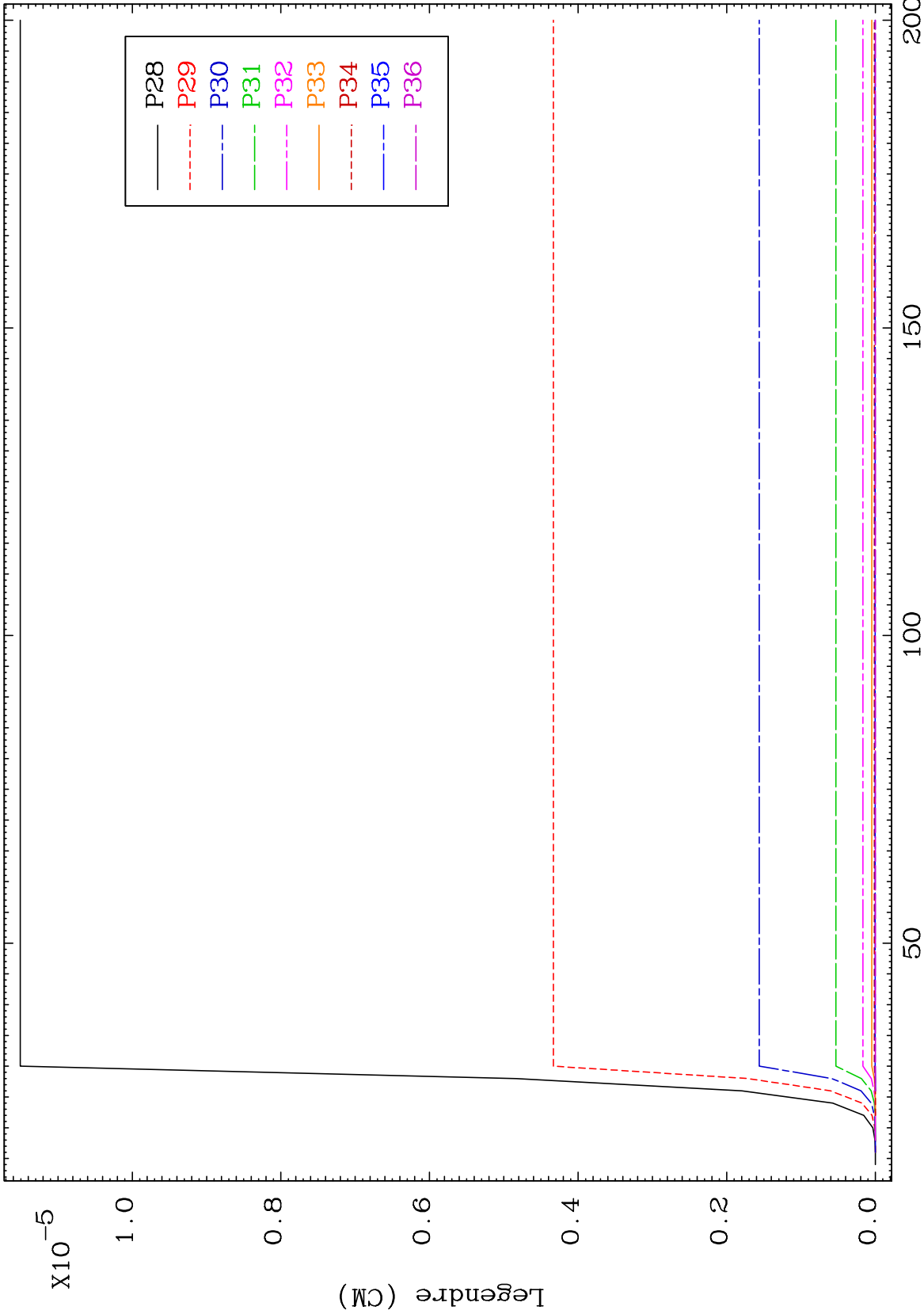
61

73-Ta-167

MAT 7286

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

73-Ta-167



62

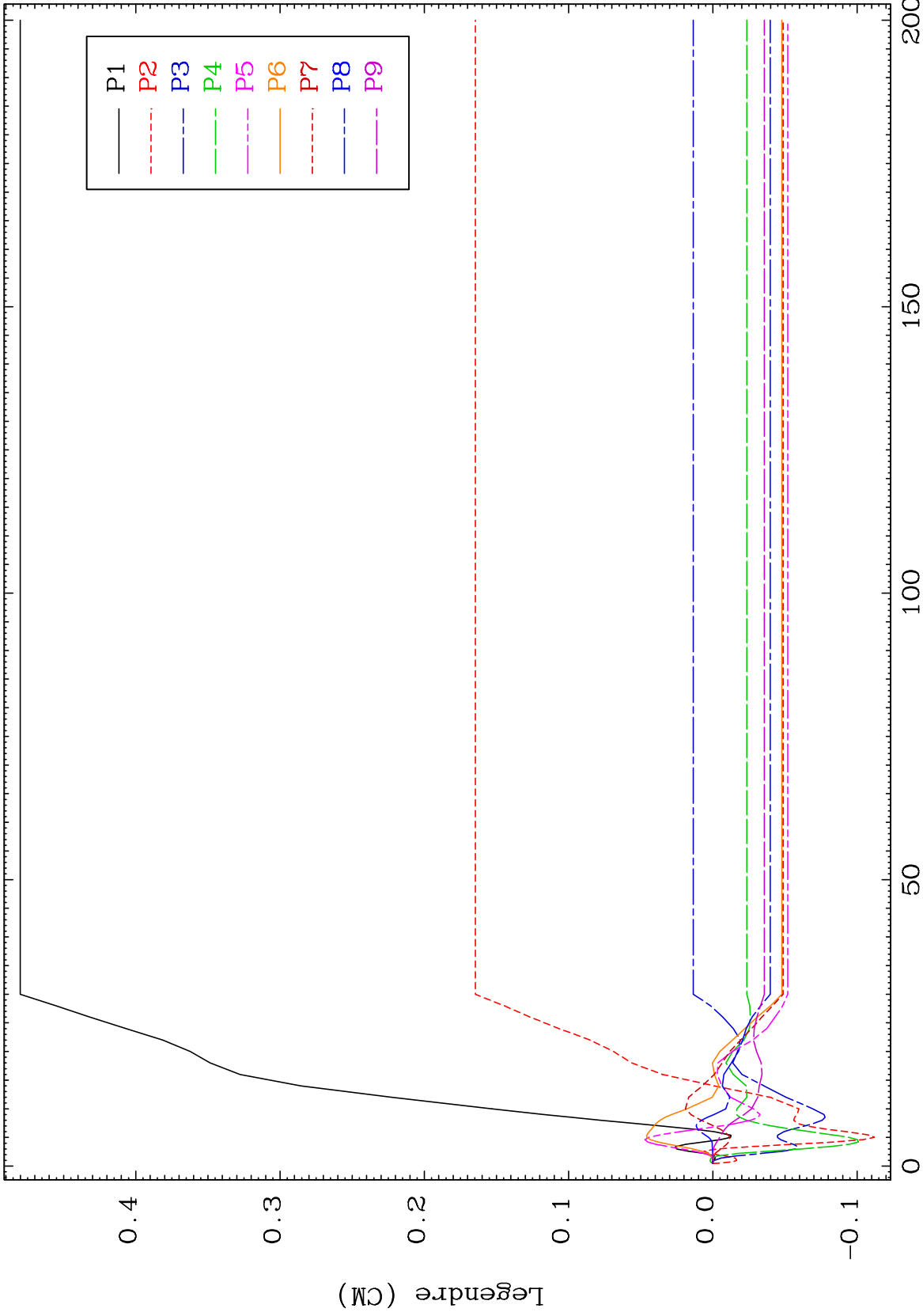
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



63

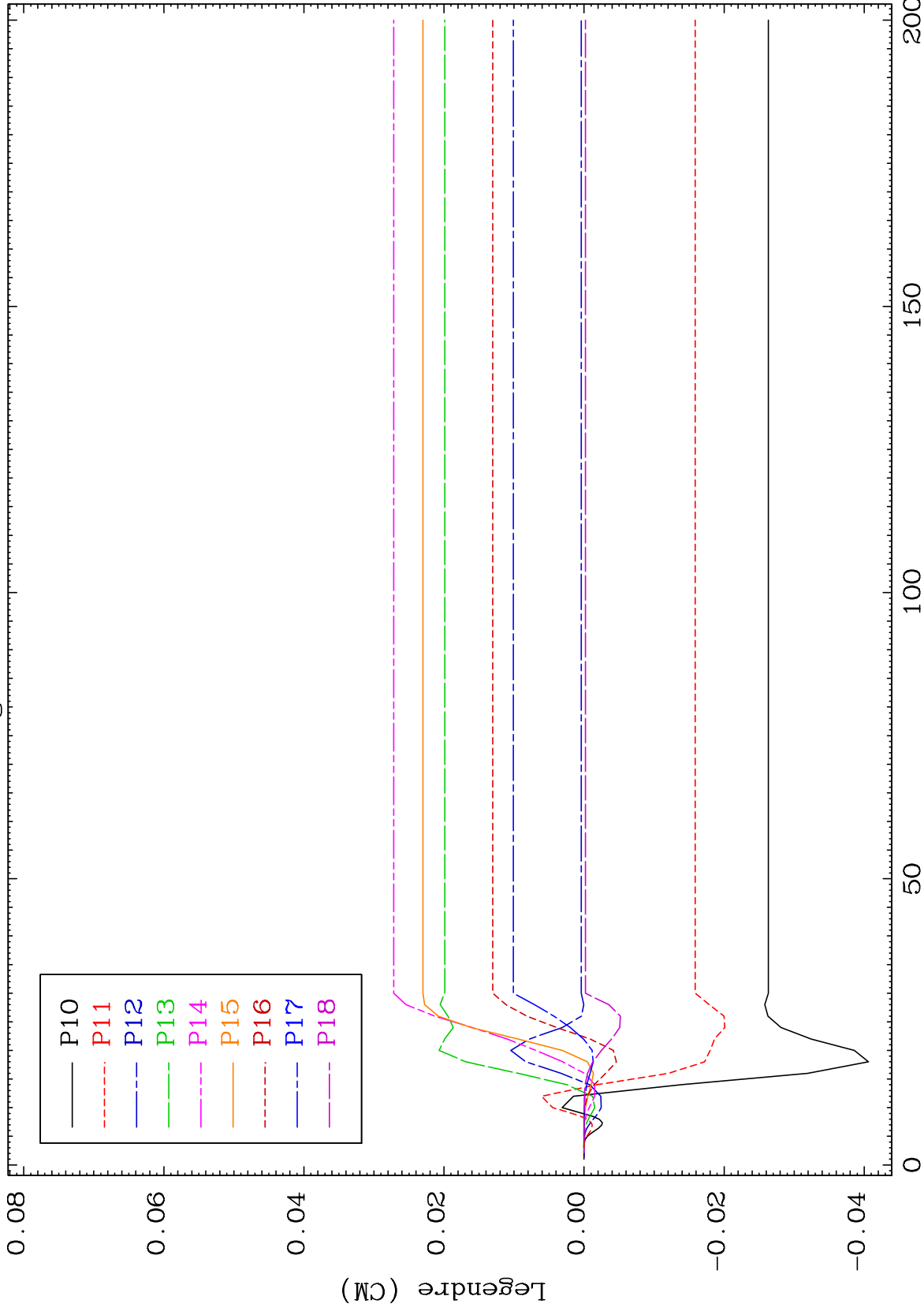
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



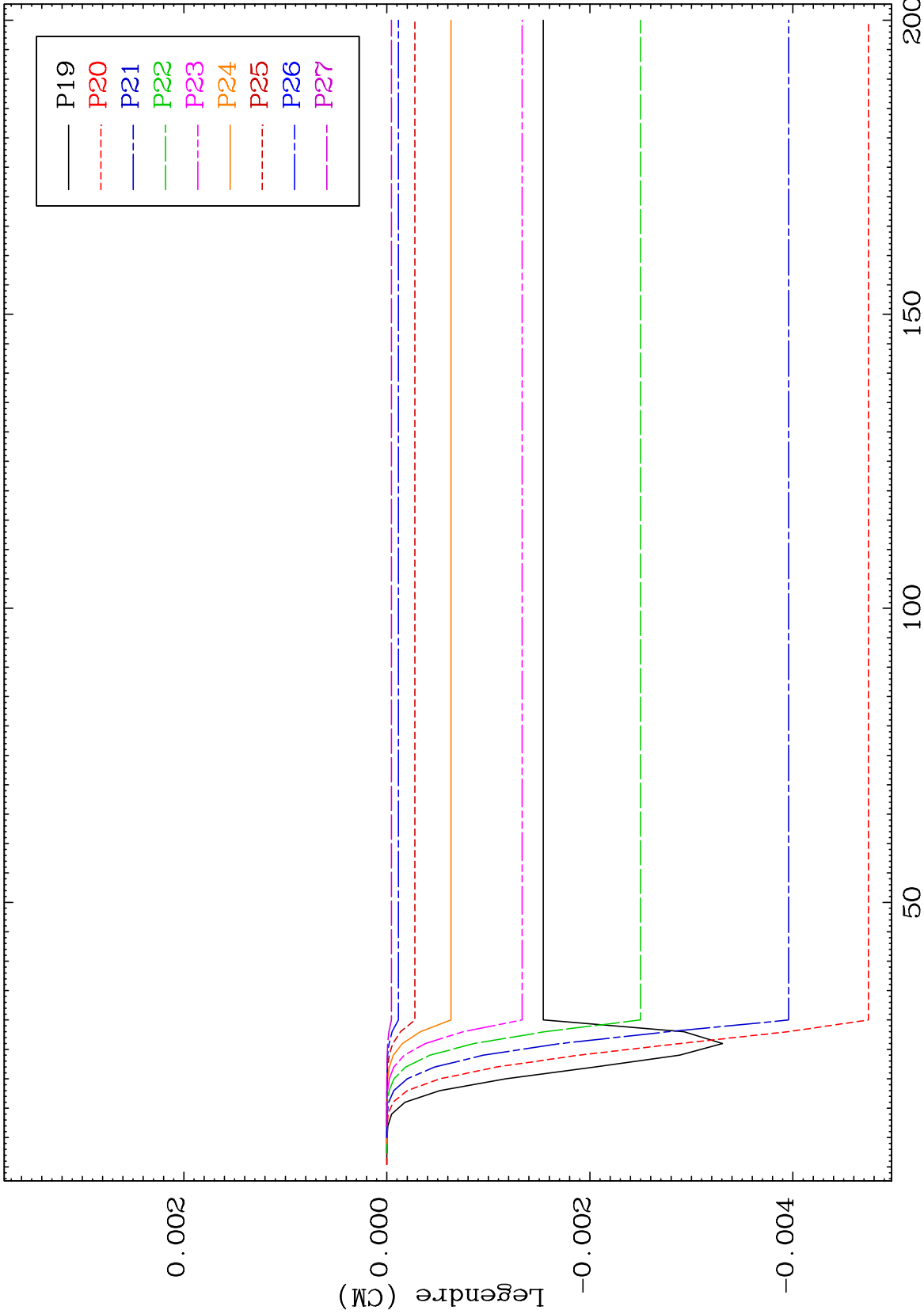
64

73-Ta-167

MAT 7286

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

73-Ta-167



65

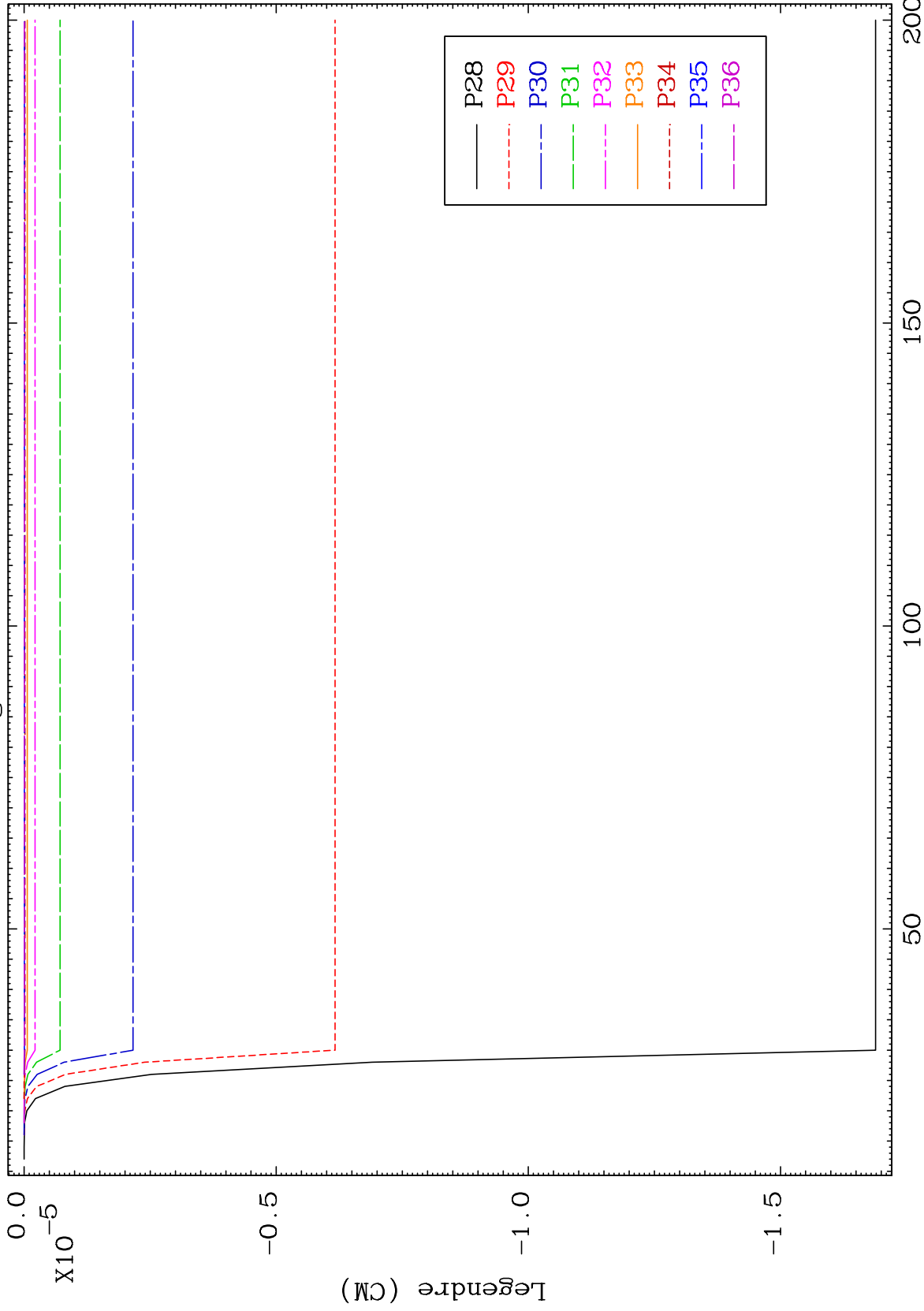
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

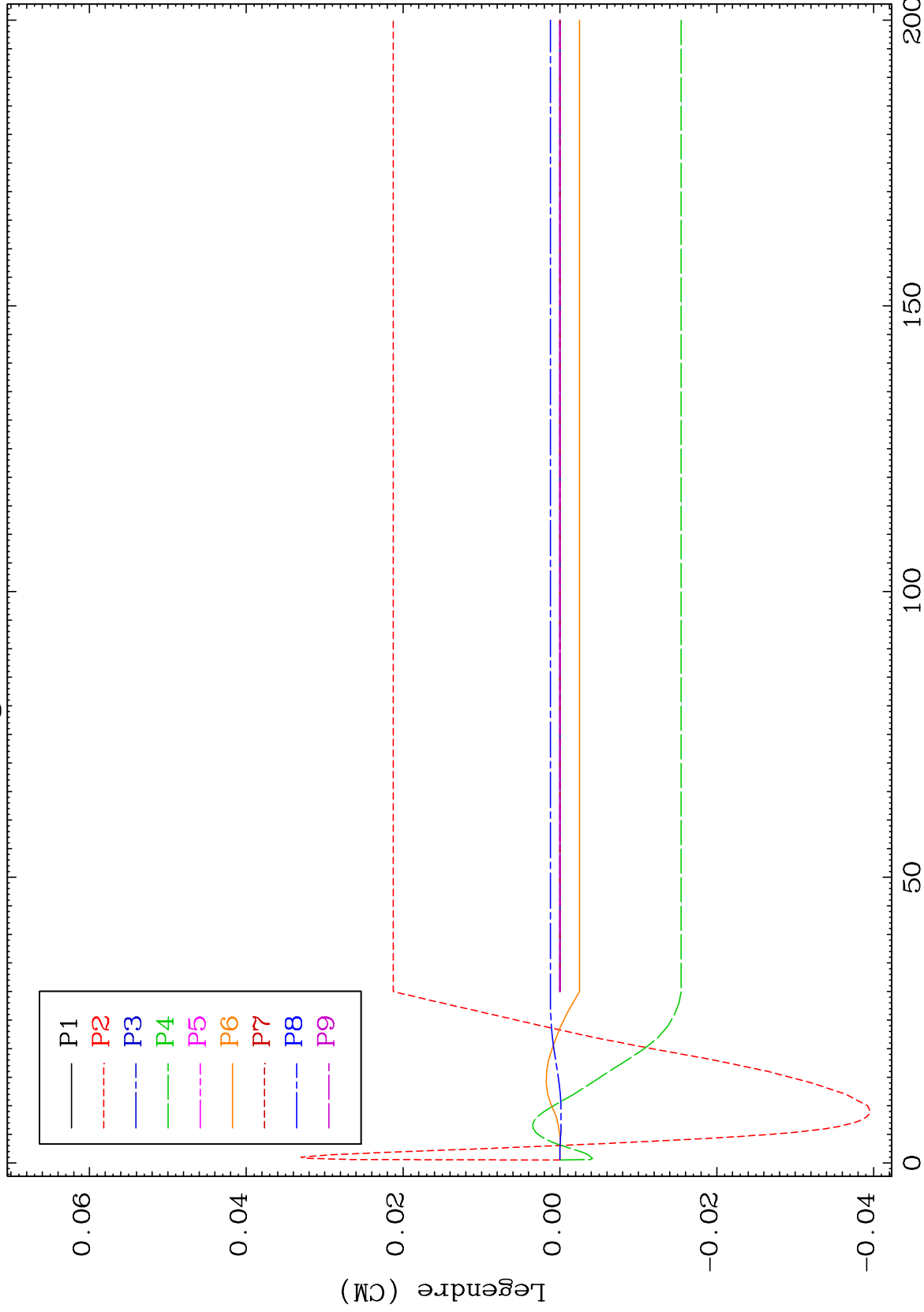
Incident Energy (MeV)

66

MAT 7286

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

73-Ta-167



67

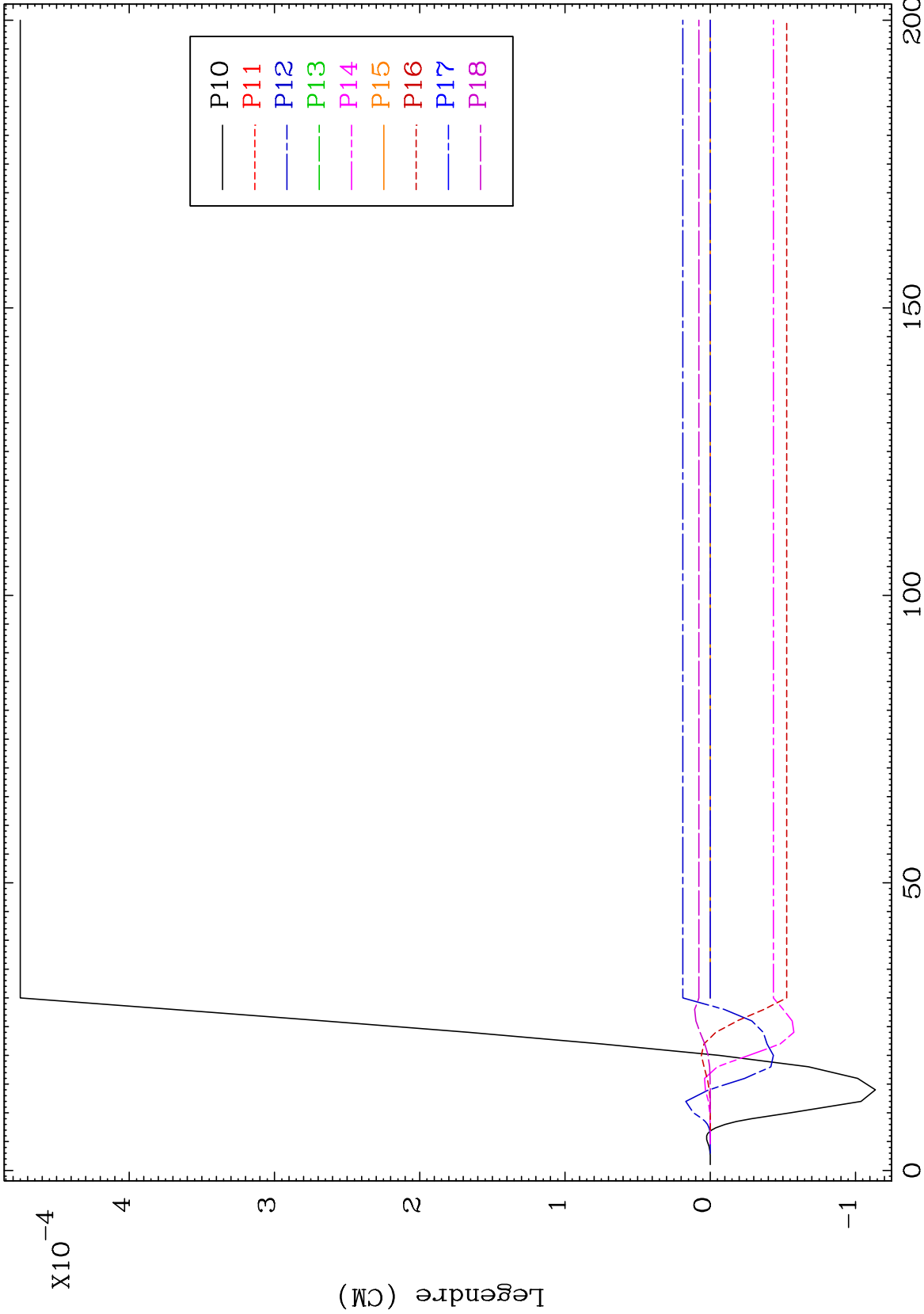
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



68

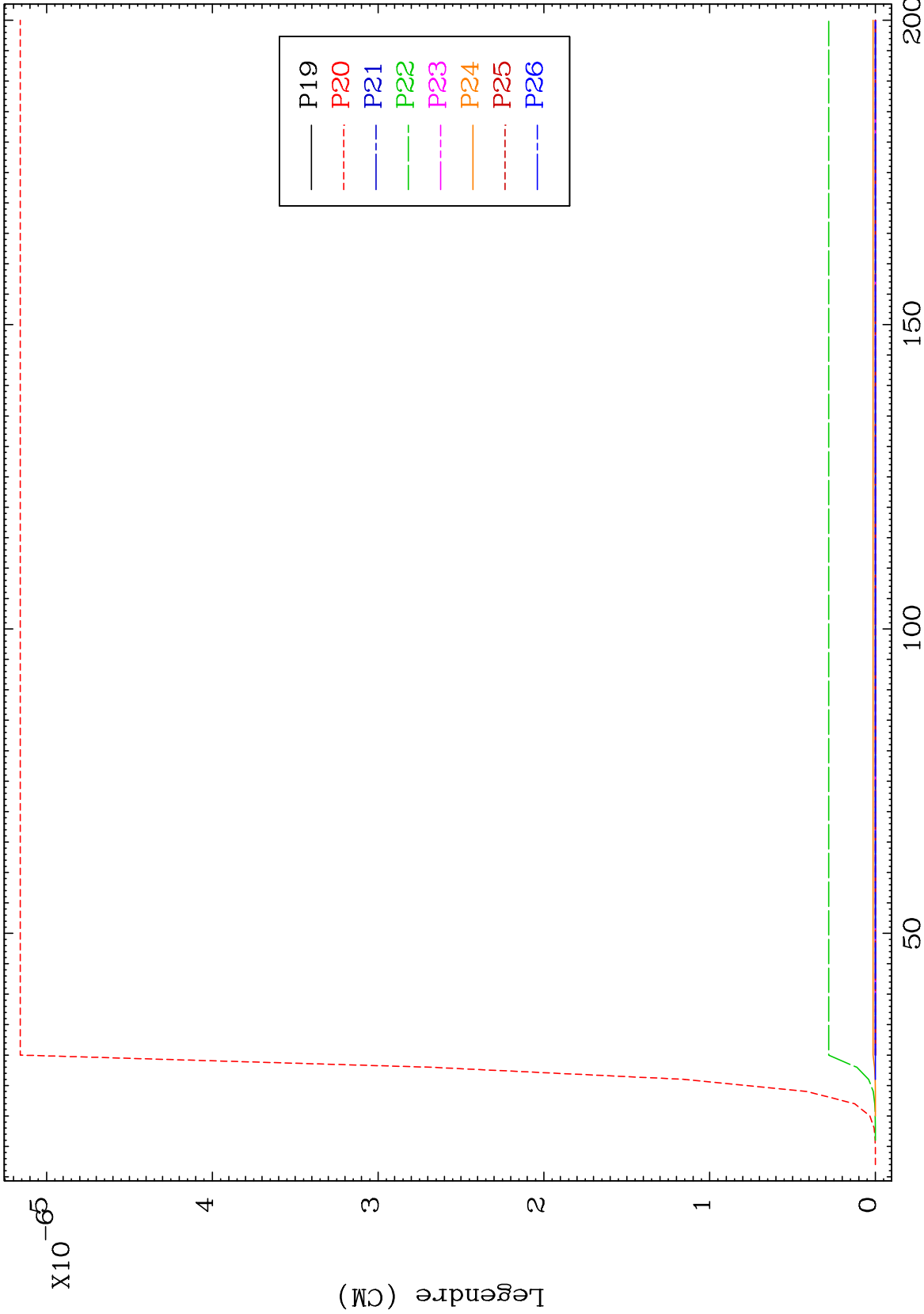
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



69

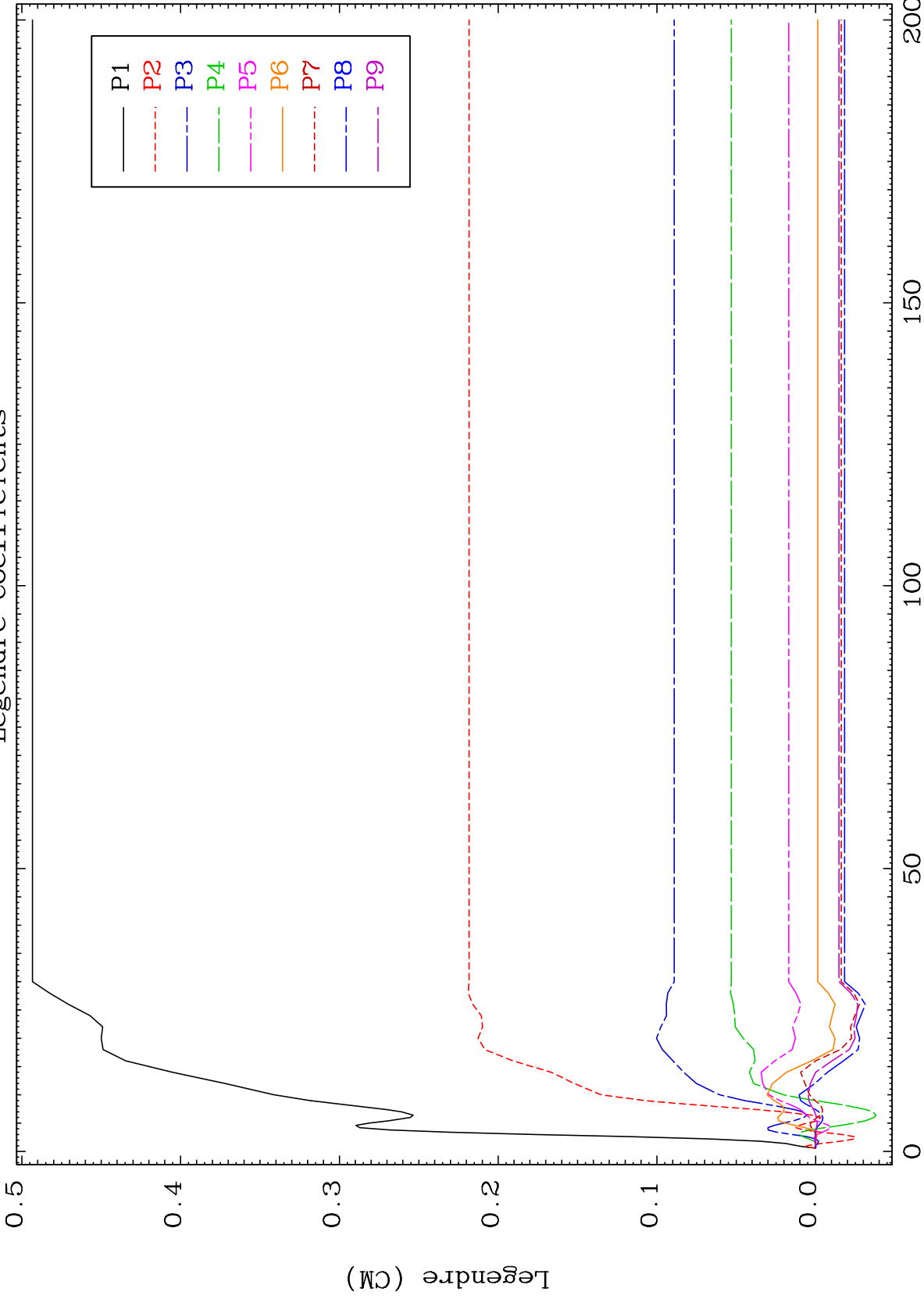
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



70

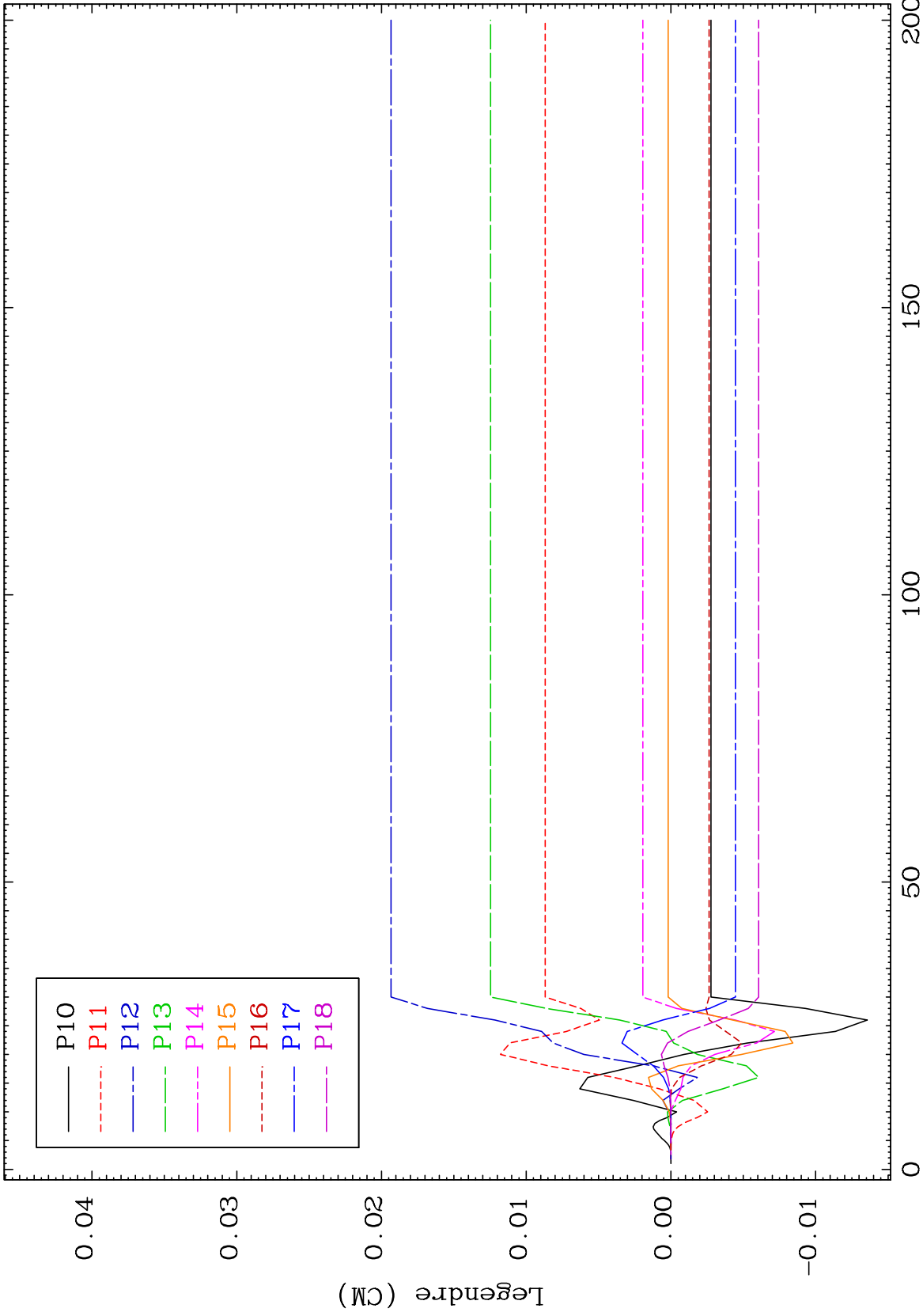
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



71

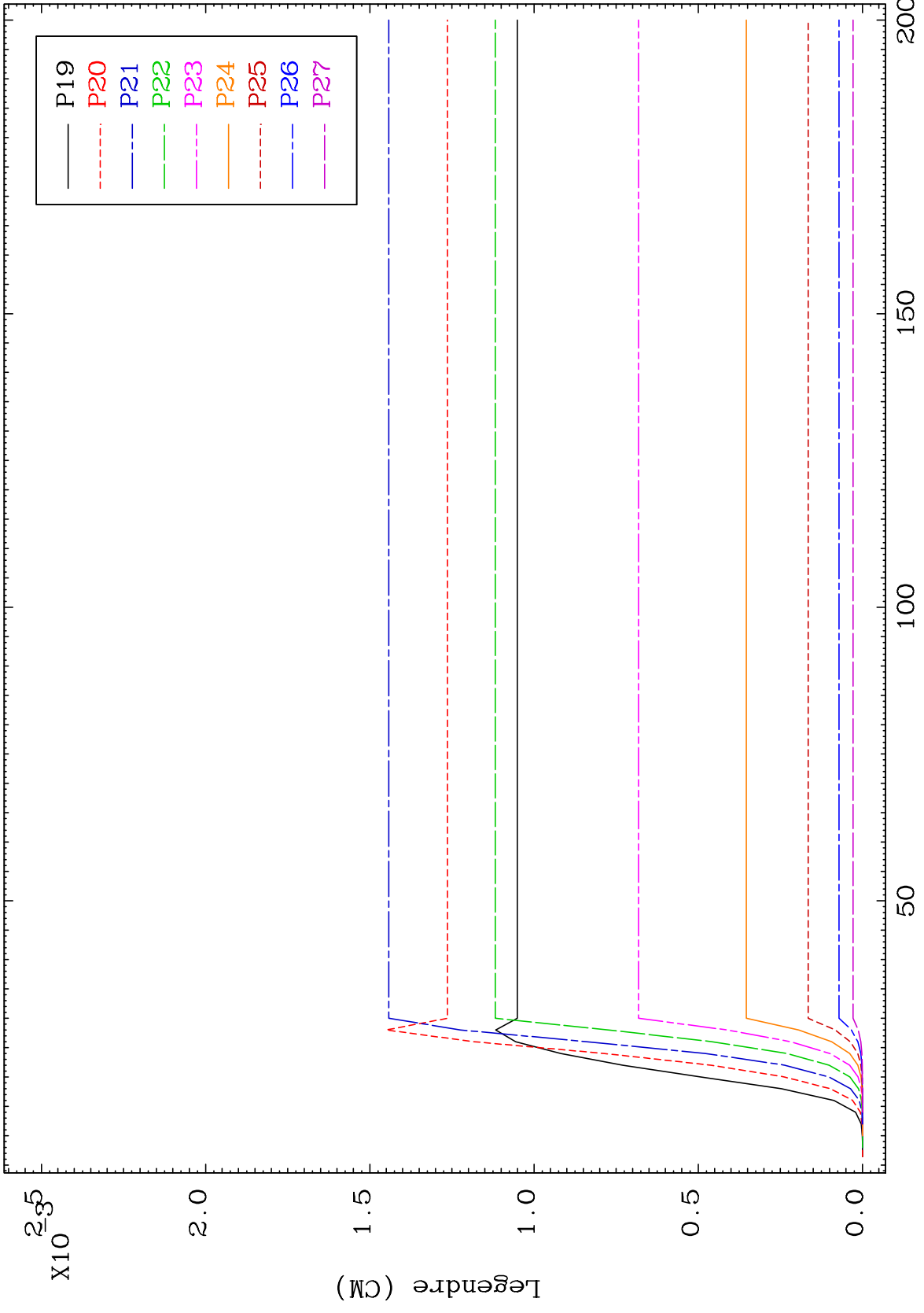
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



72

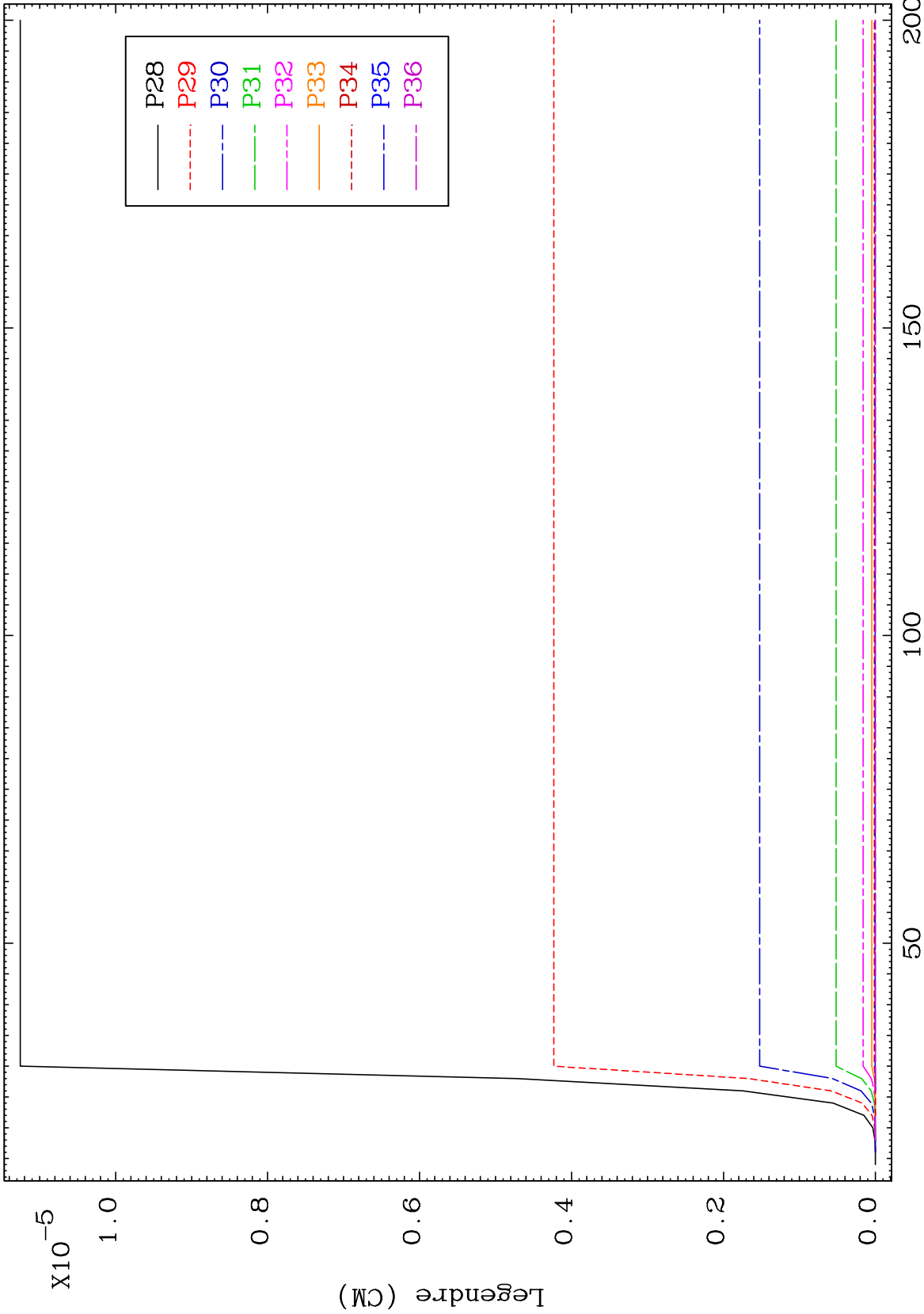
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73

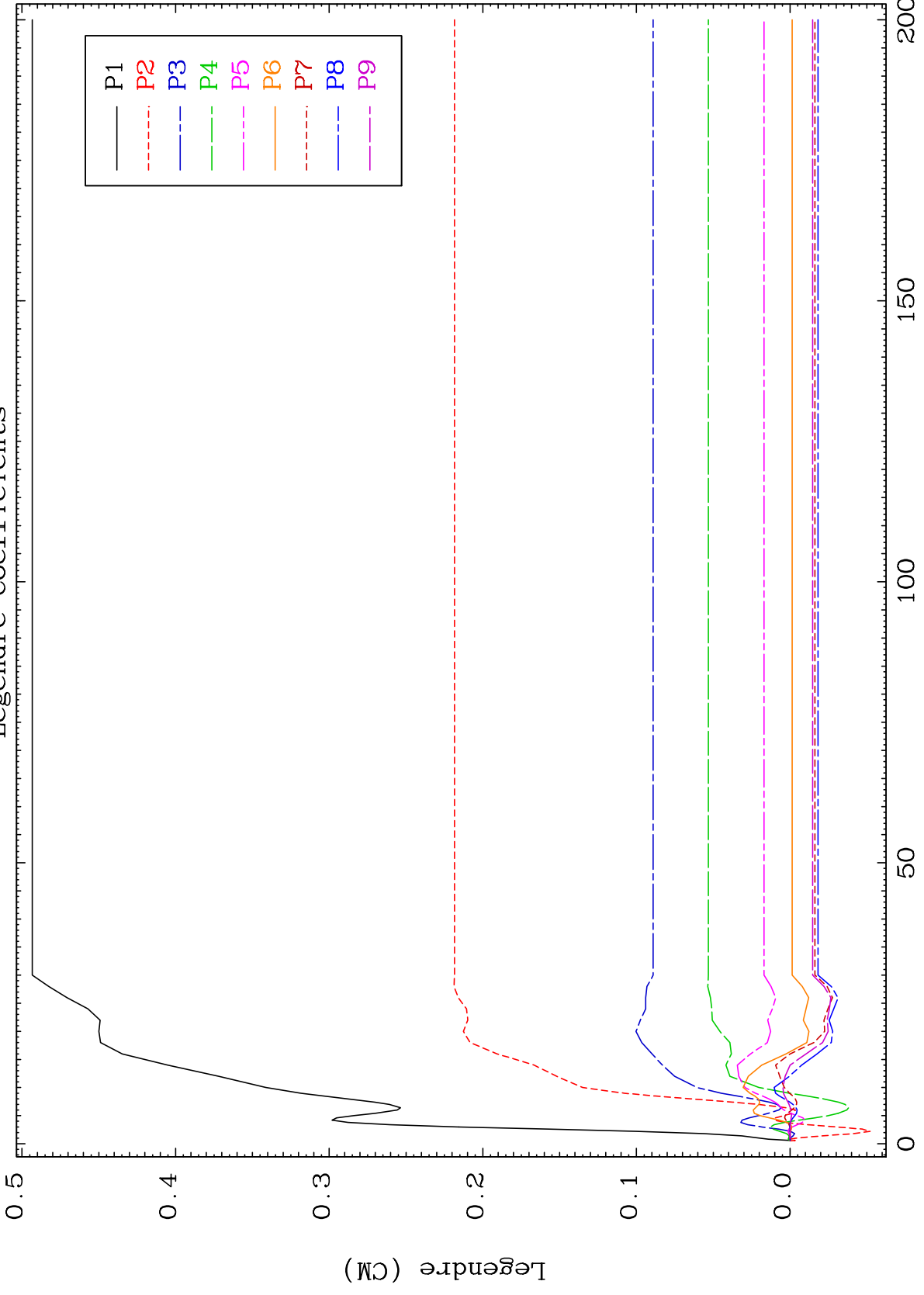
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



74

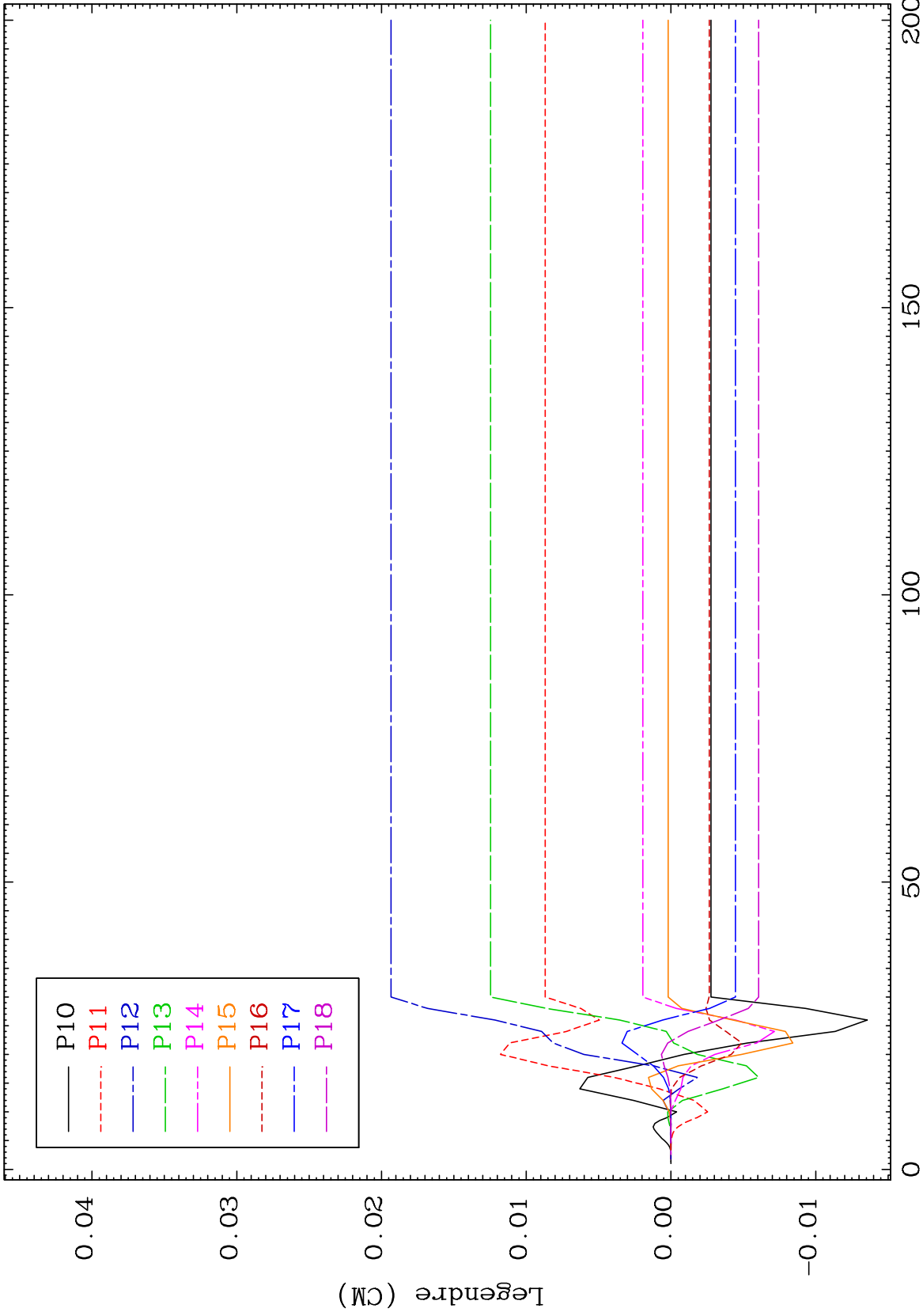
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



75

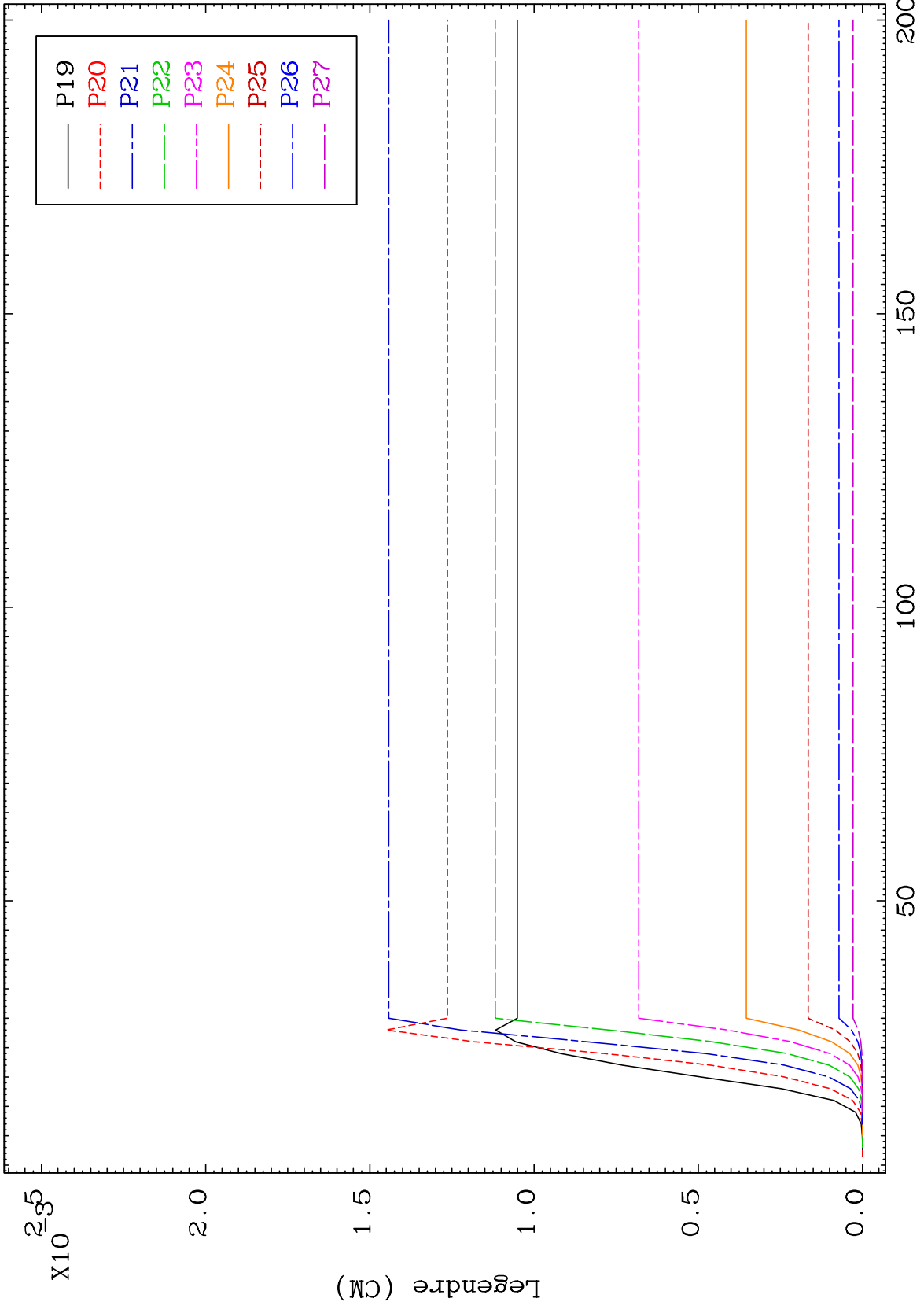
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



76

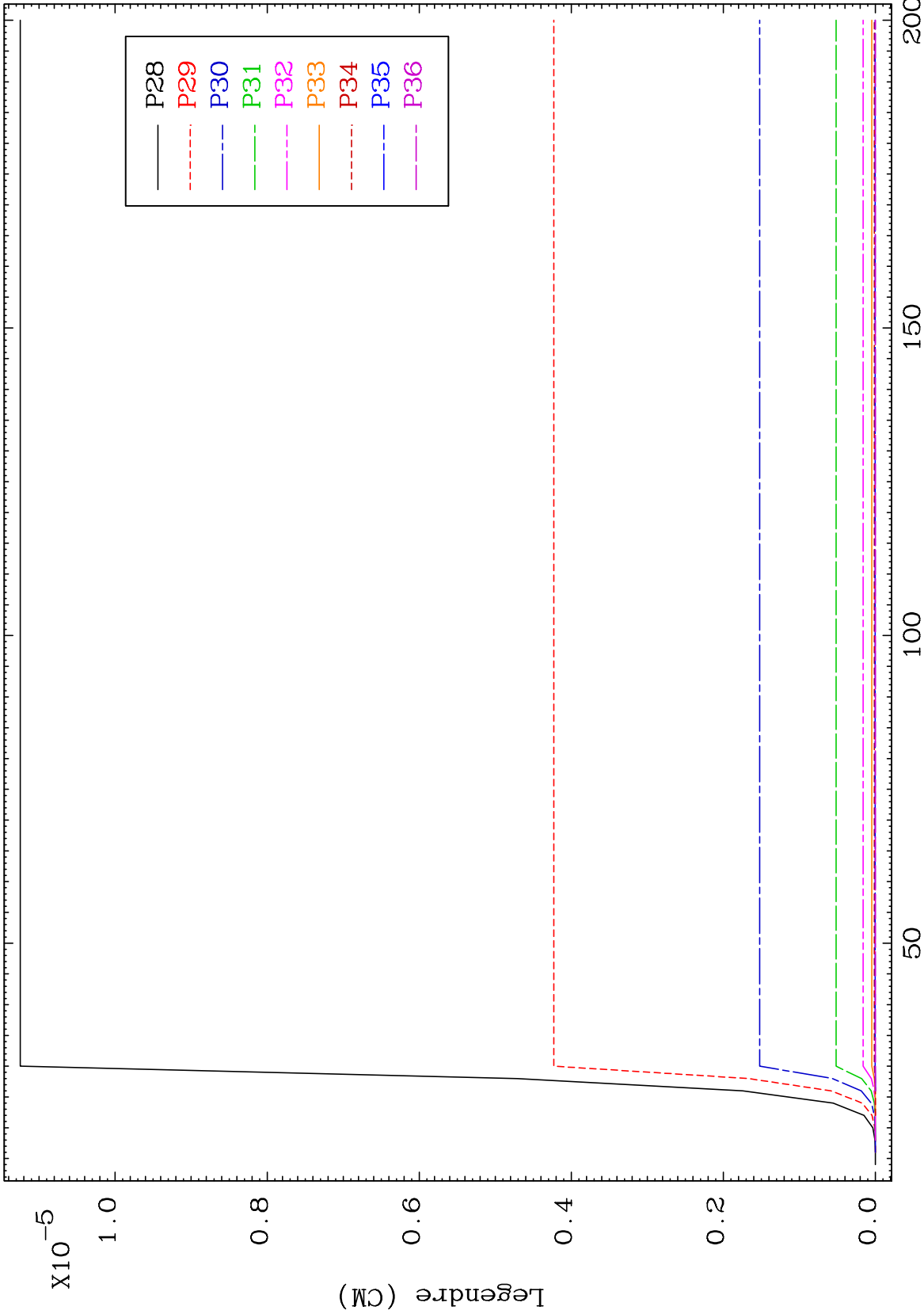
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



77

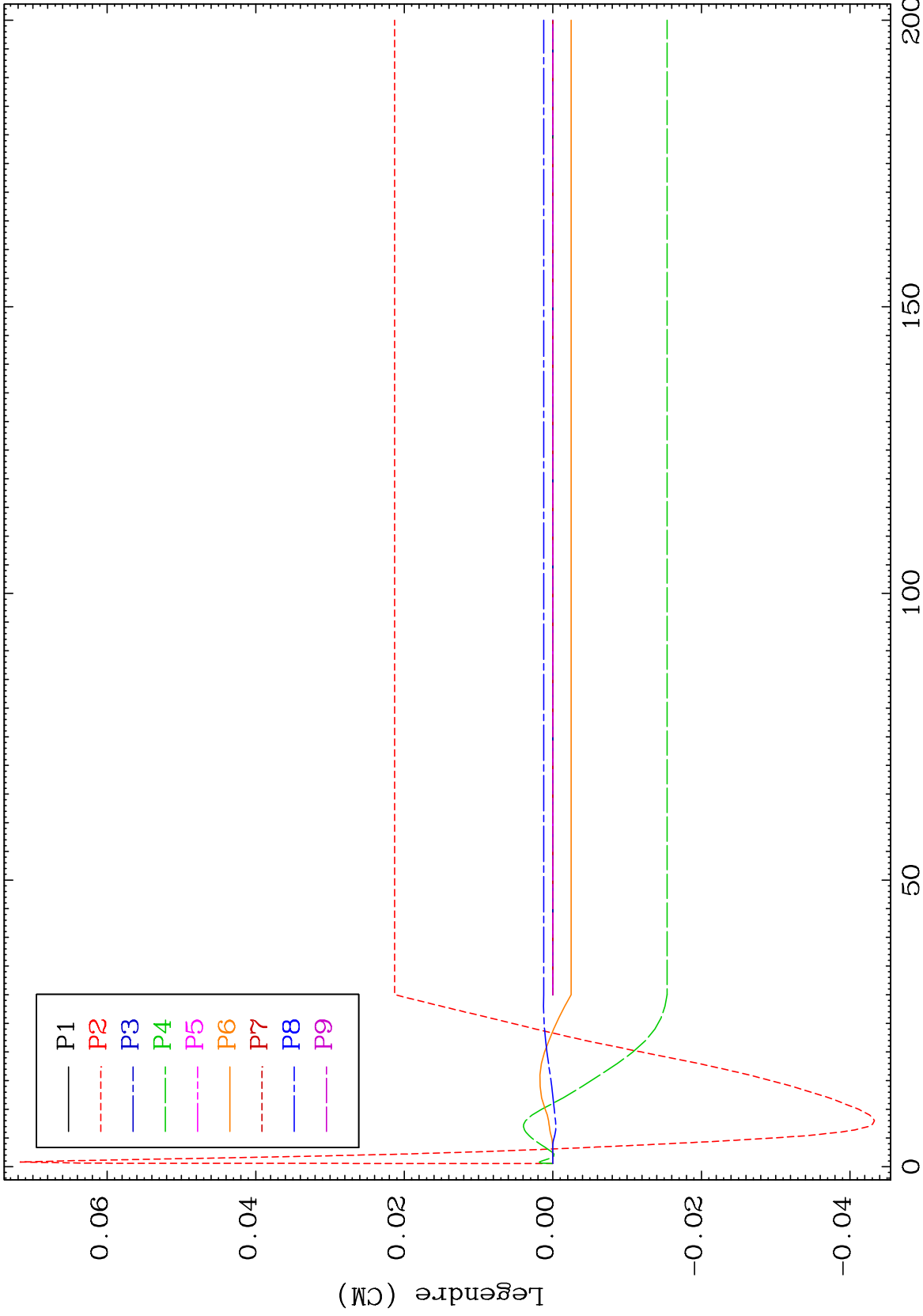
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



78

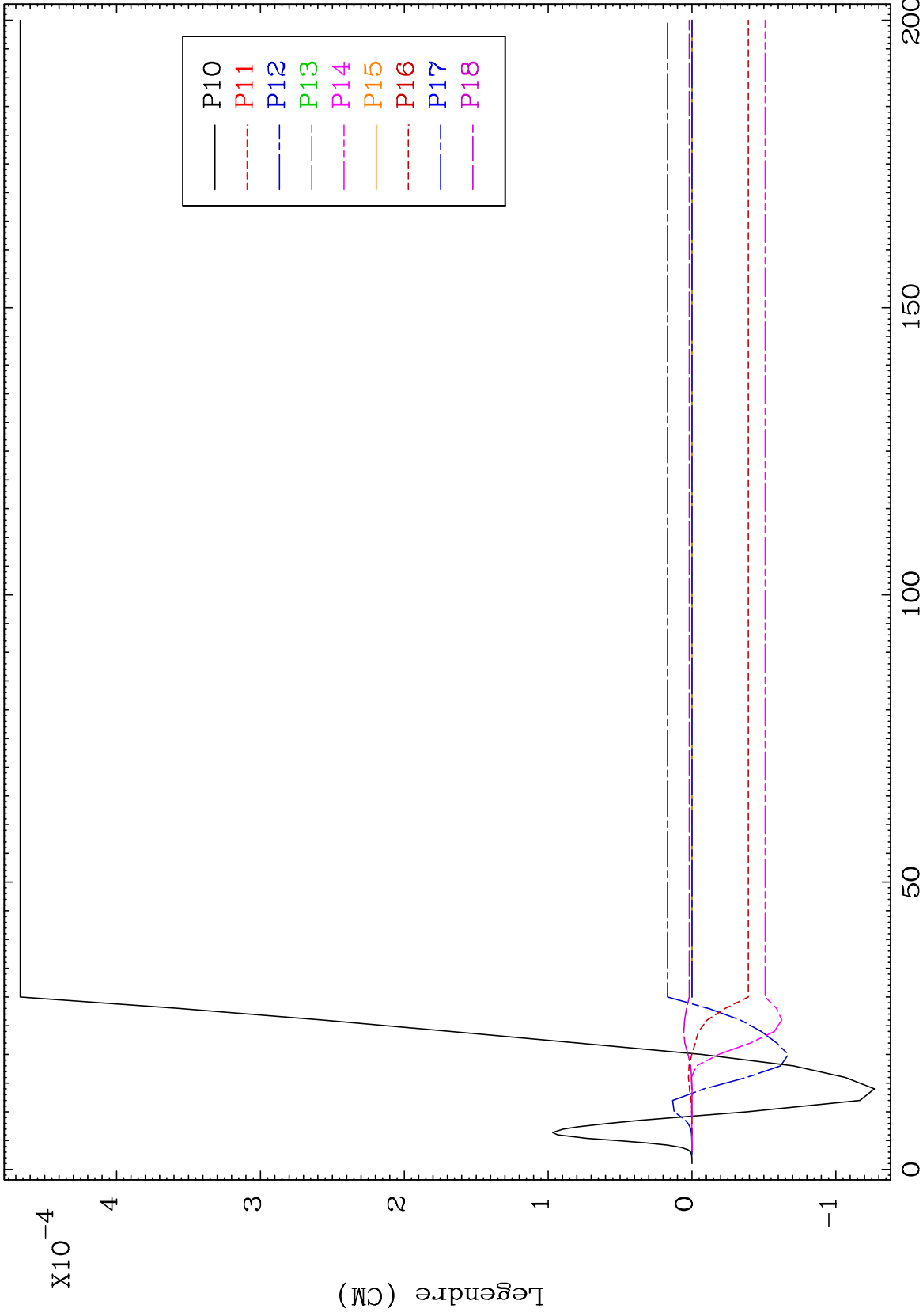
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167

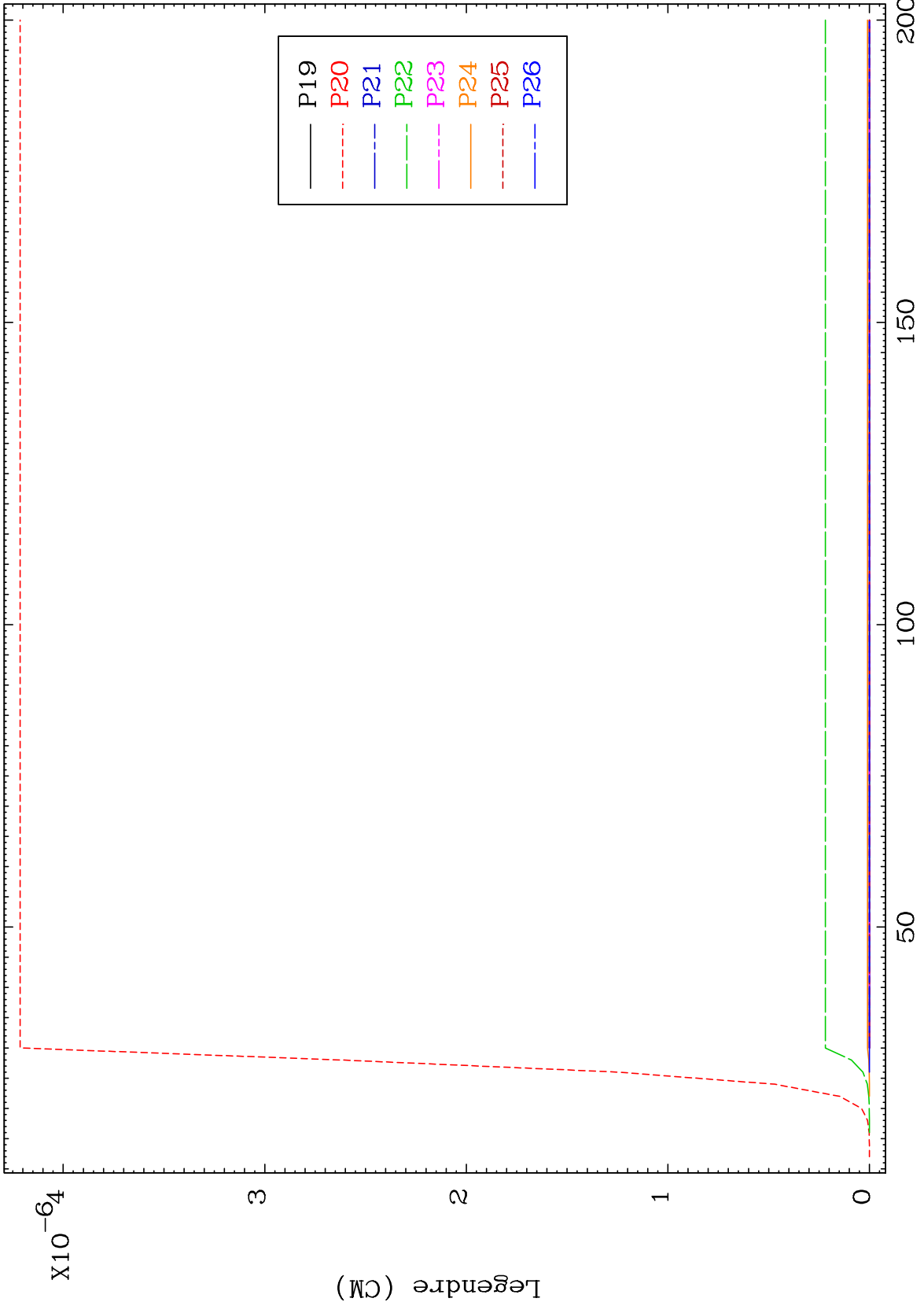


79

Incident Energy (MeV)

73-Ta-167

MAT 7286 MT= 66 (n,n') Level Legendre Coefficients 73-Ta-167

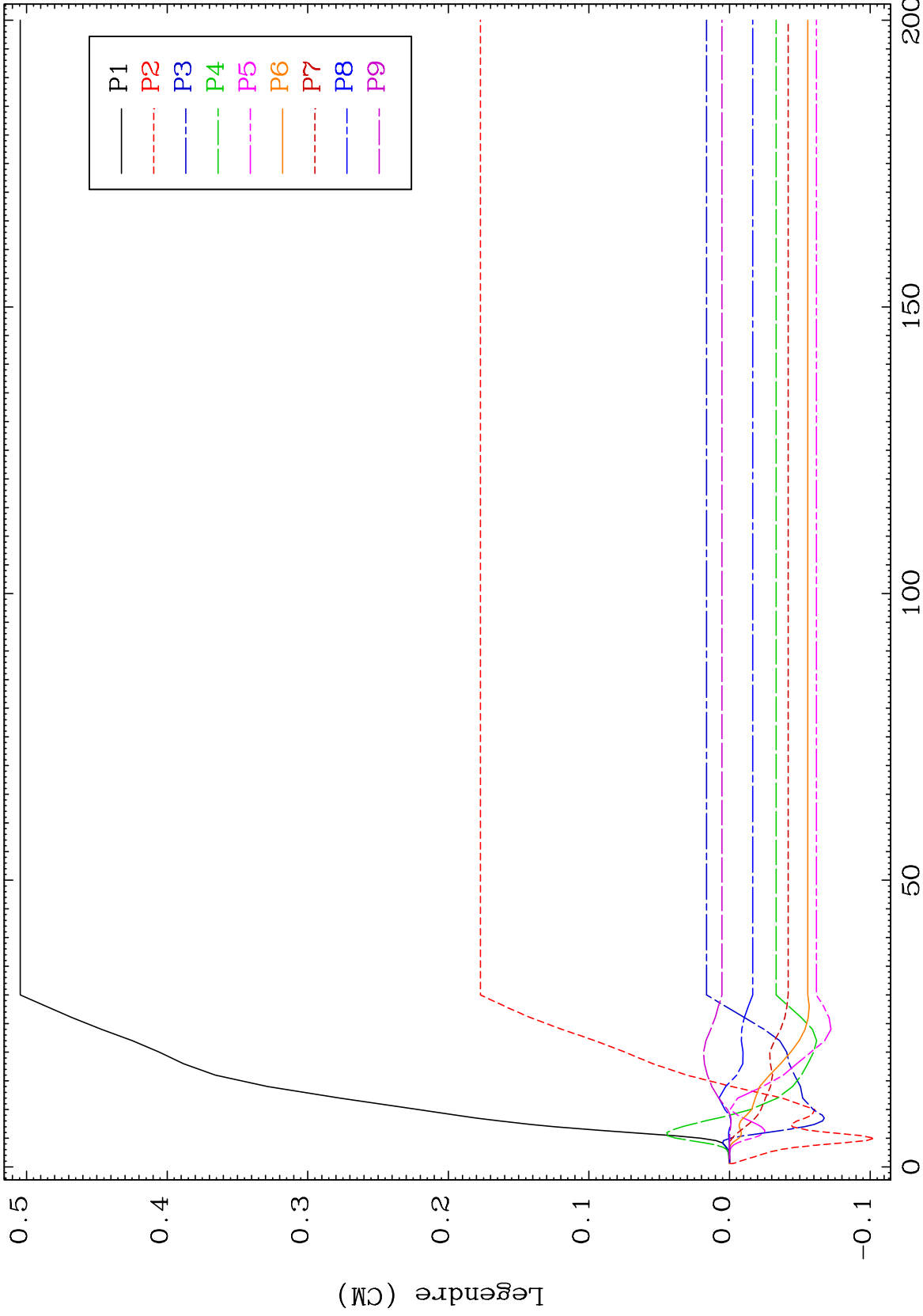


73-Ta-167

MAT 7286

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

73-Ta-167



81

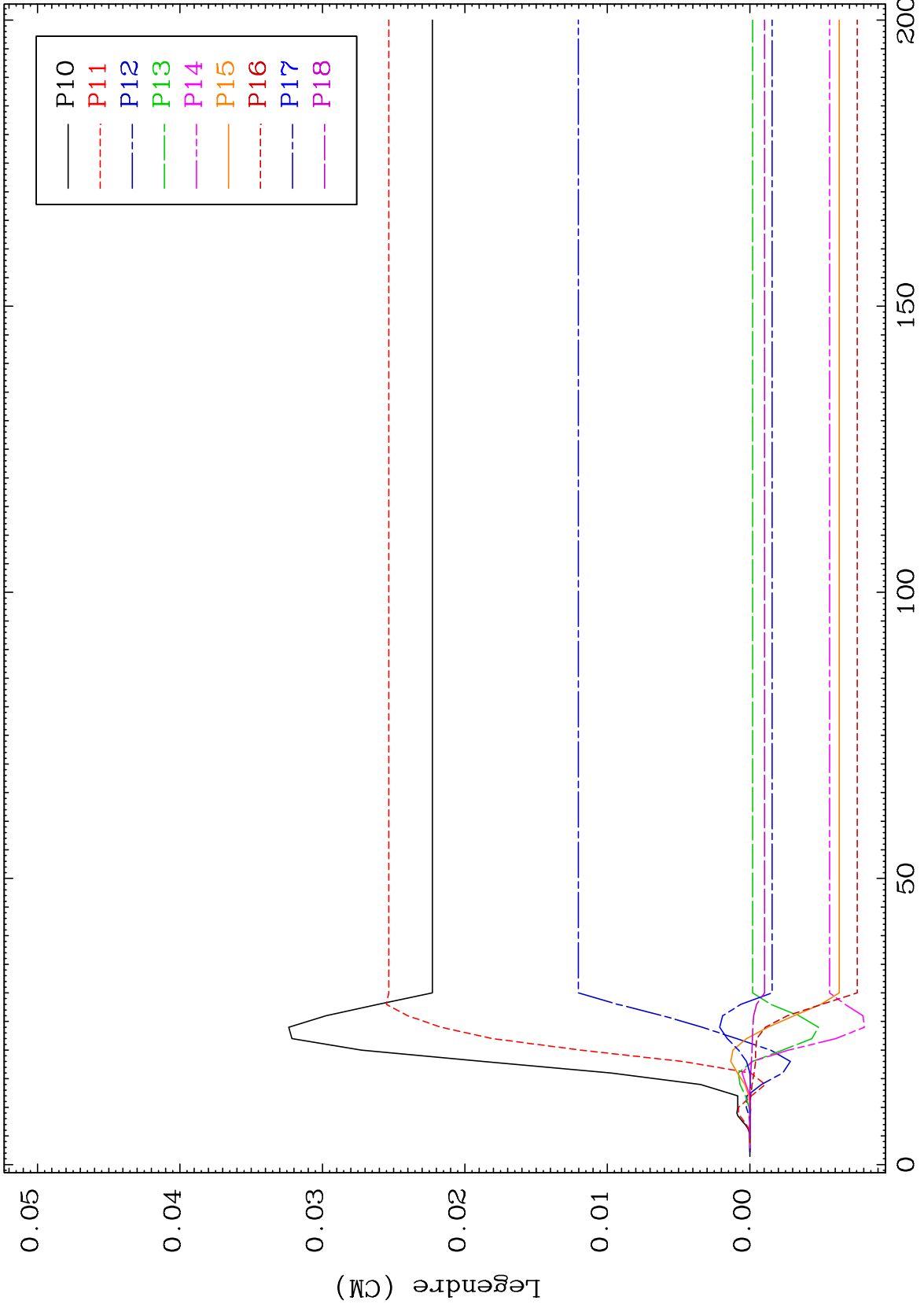
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



82

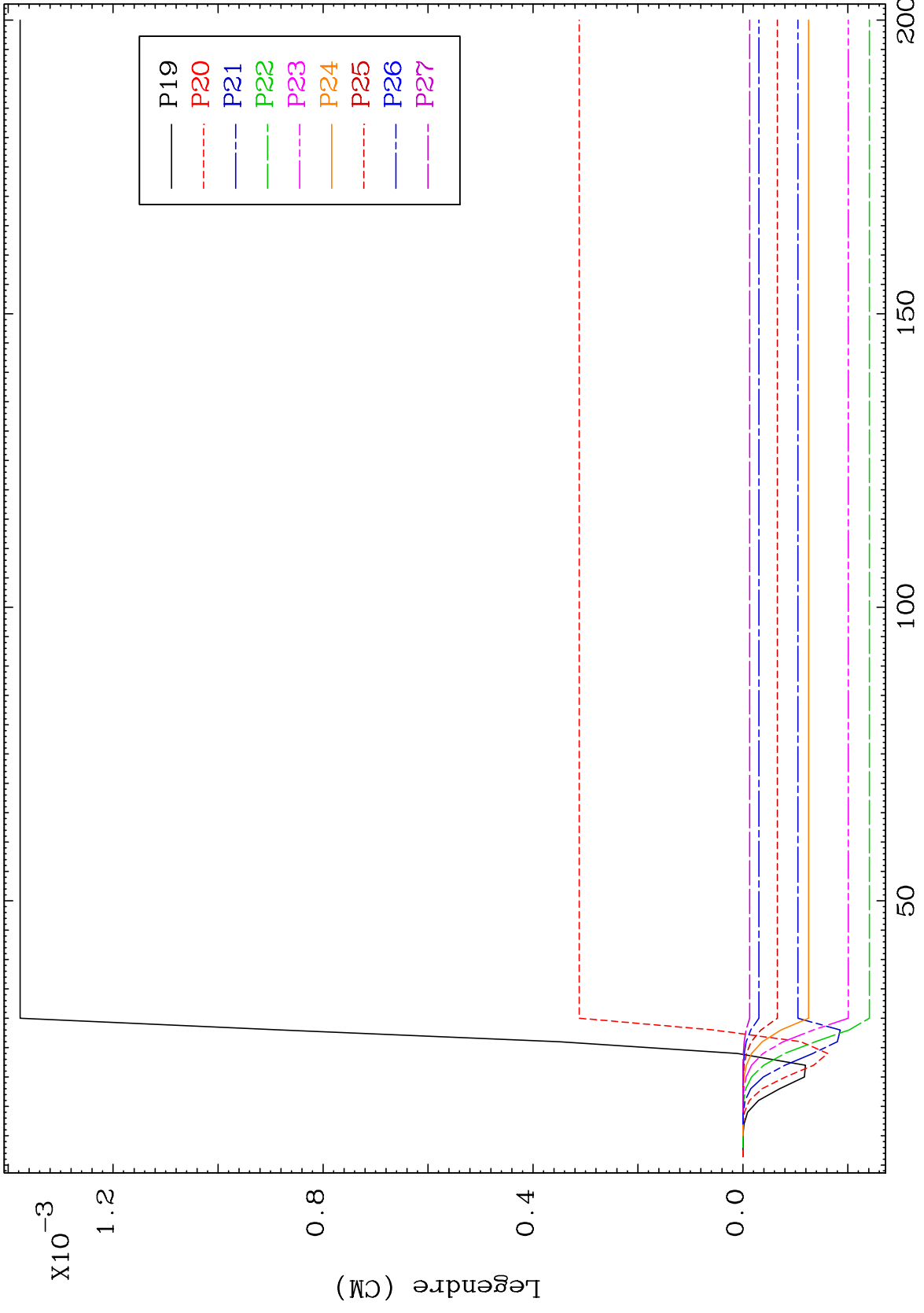
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



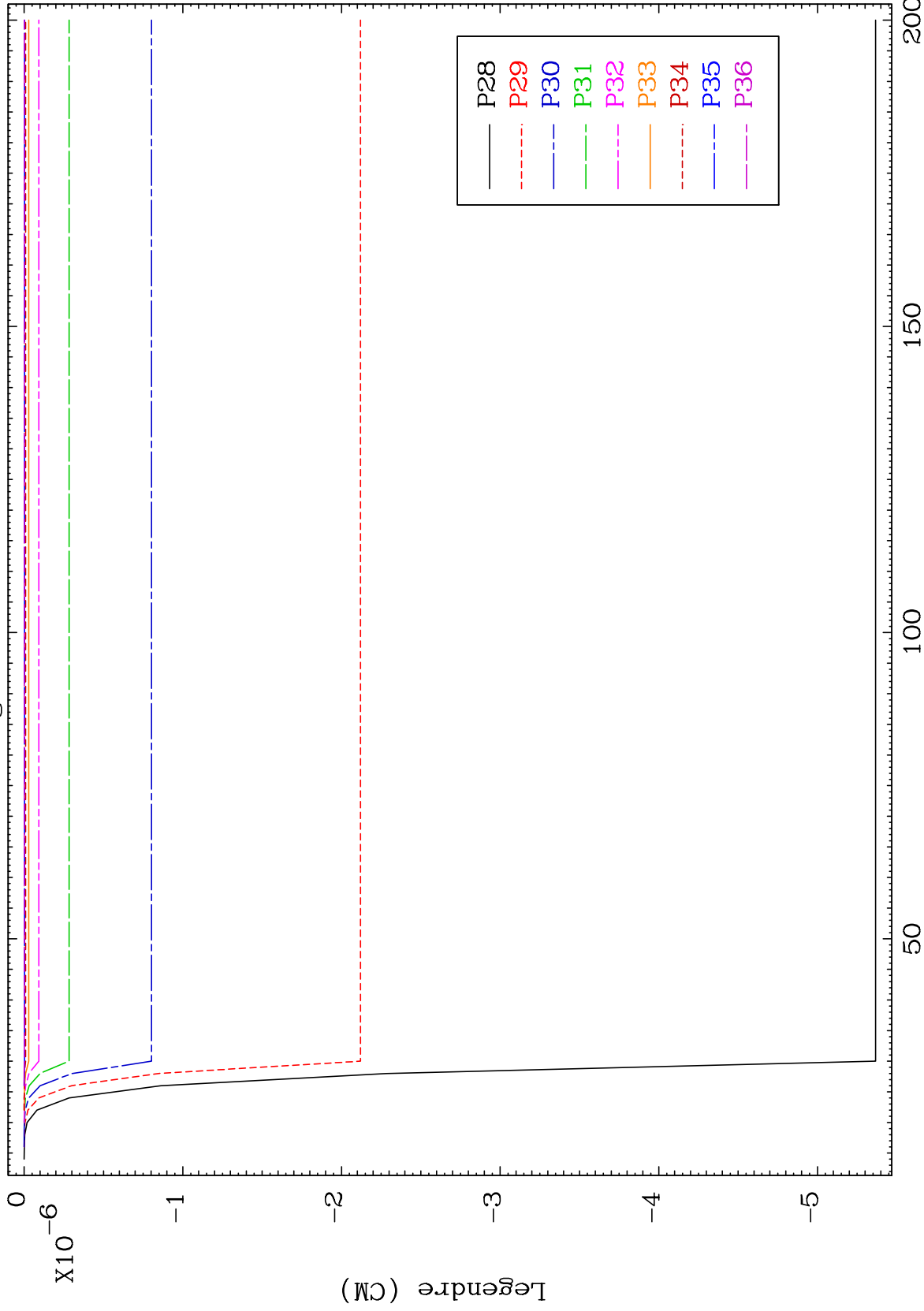
83

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

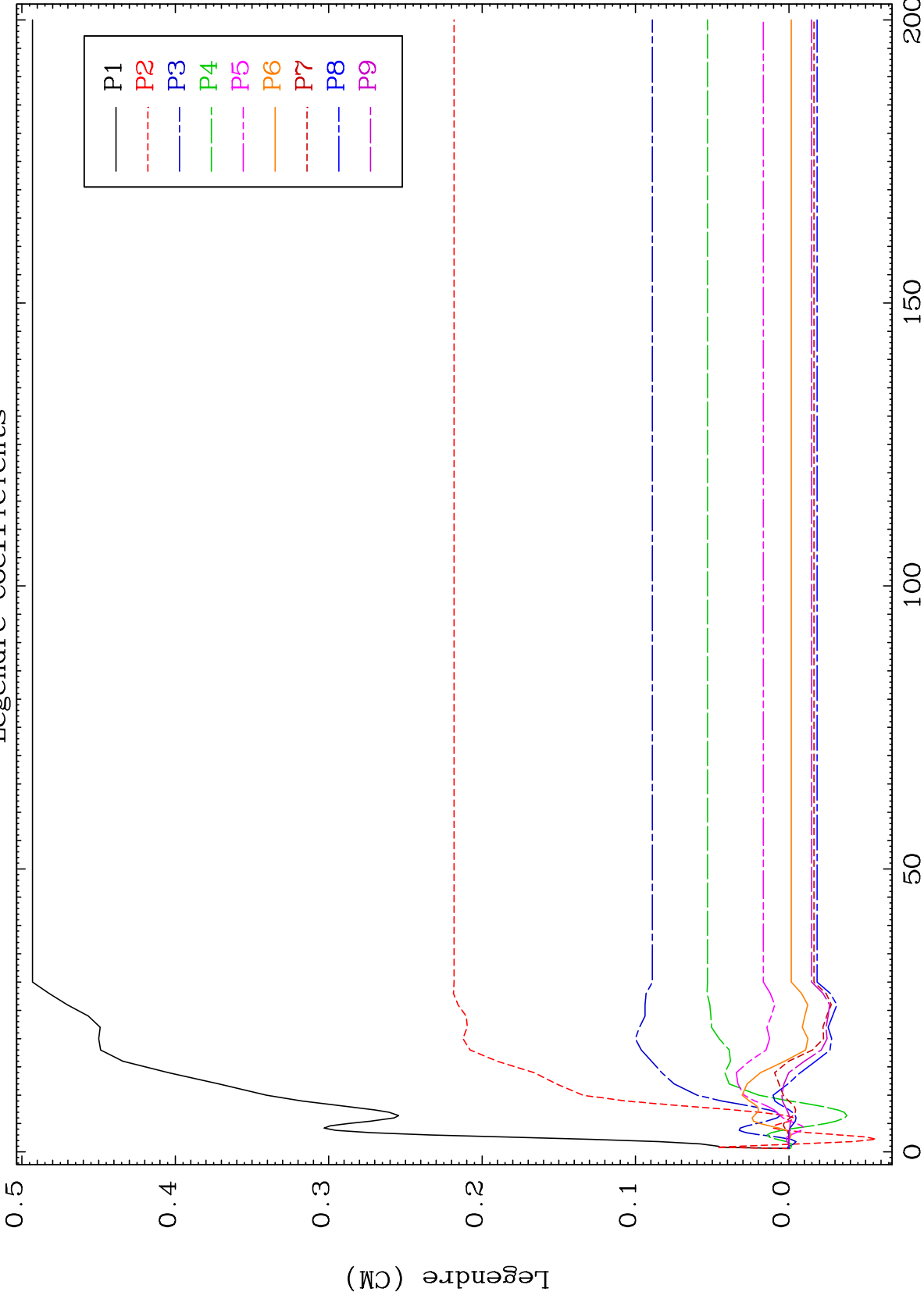
Incident Energy (MeV)

84

MAT 7286

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

73-Ta-167



85

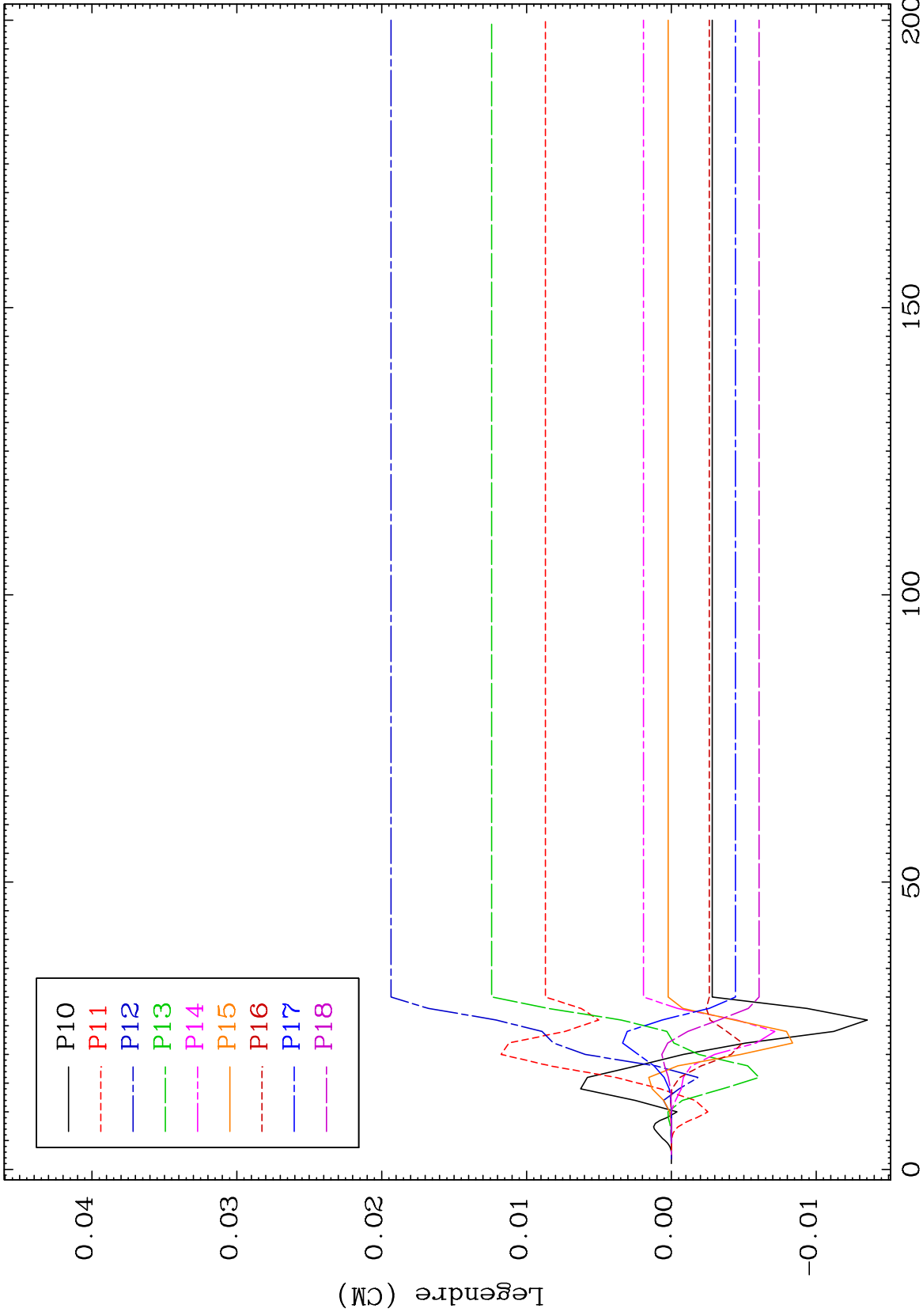
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



86

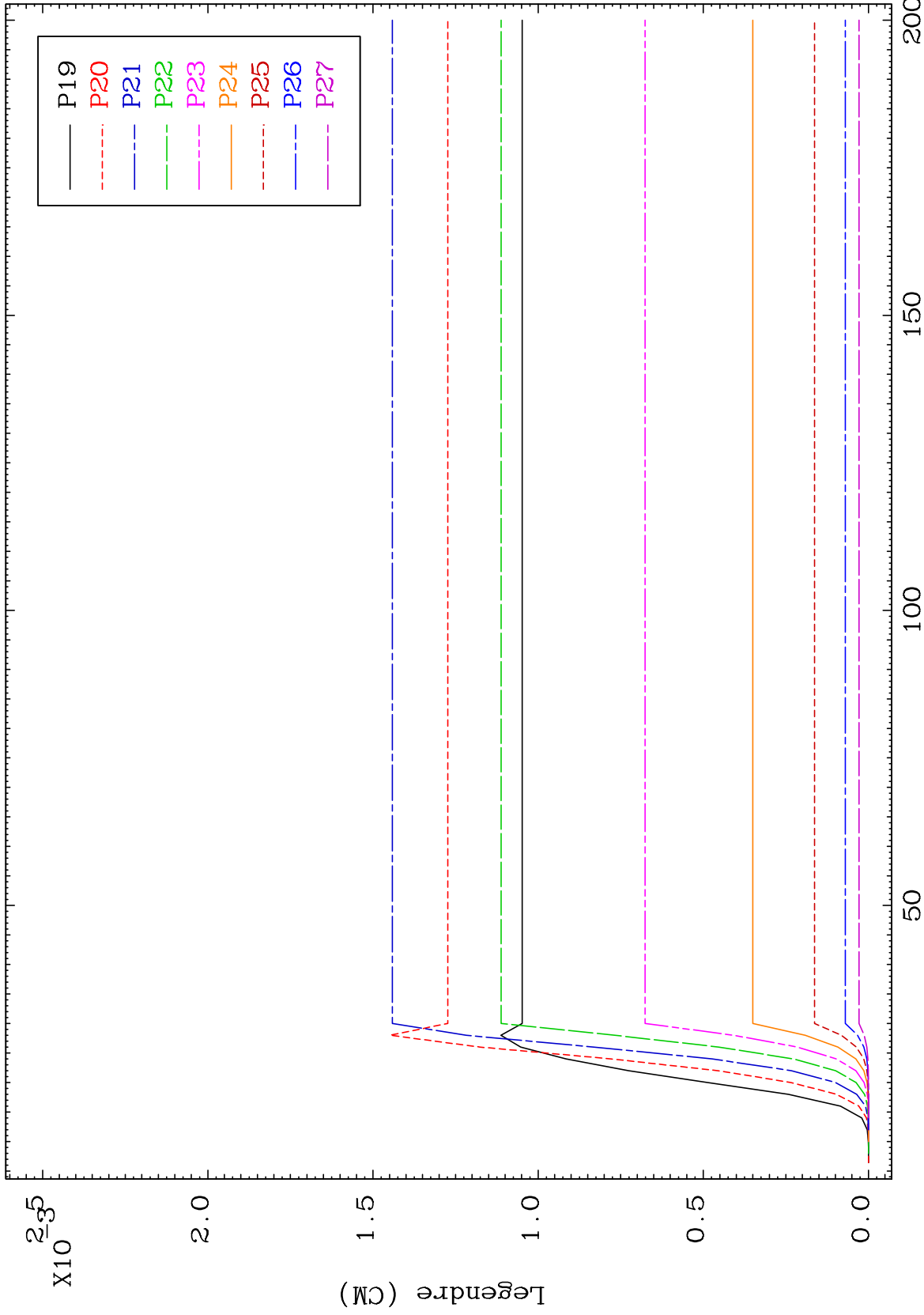
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



87

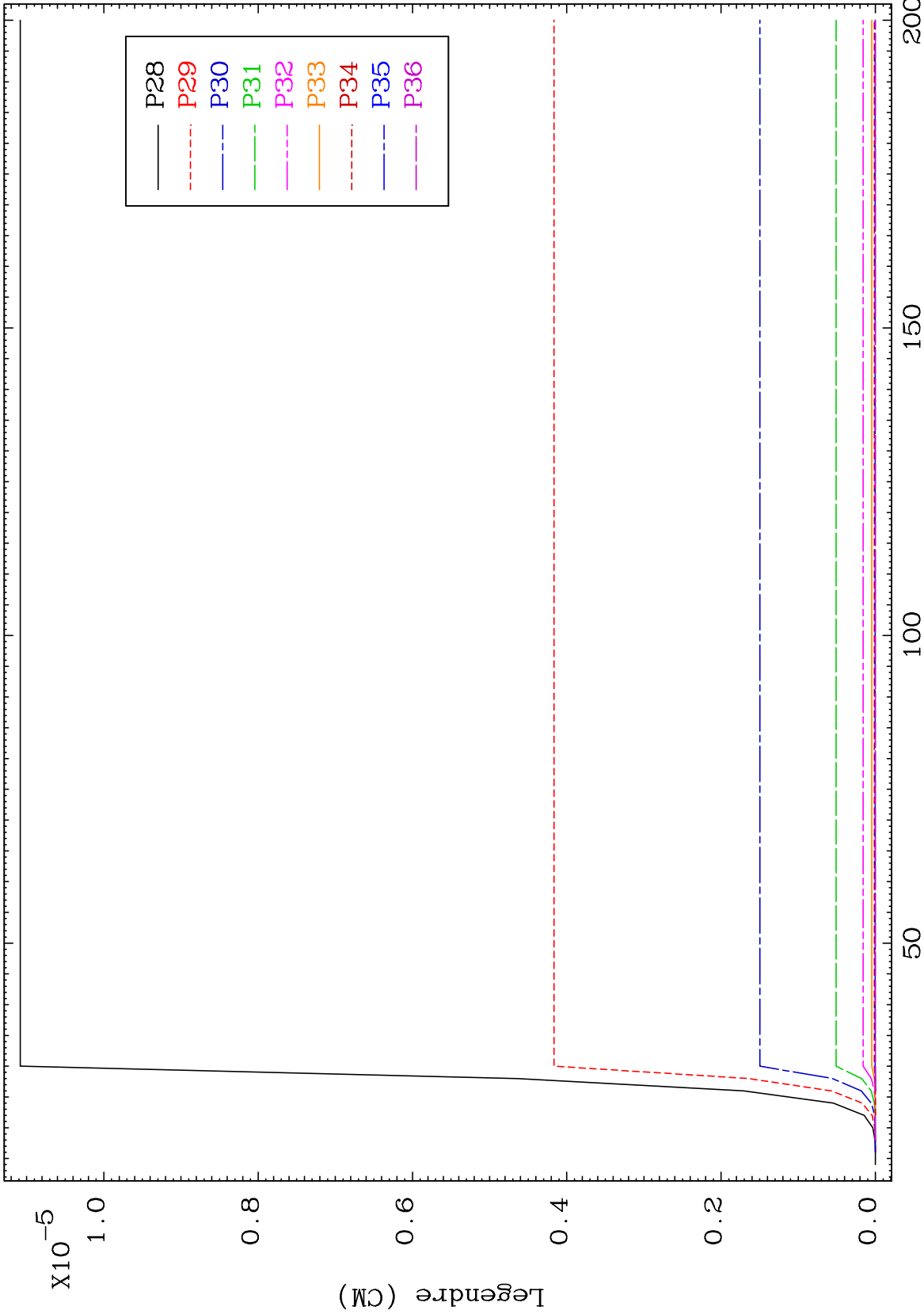
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



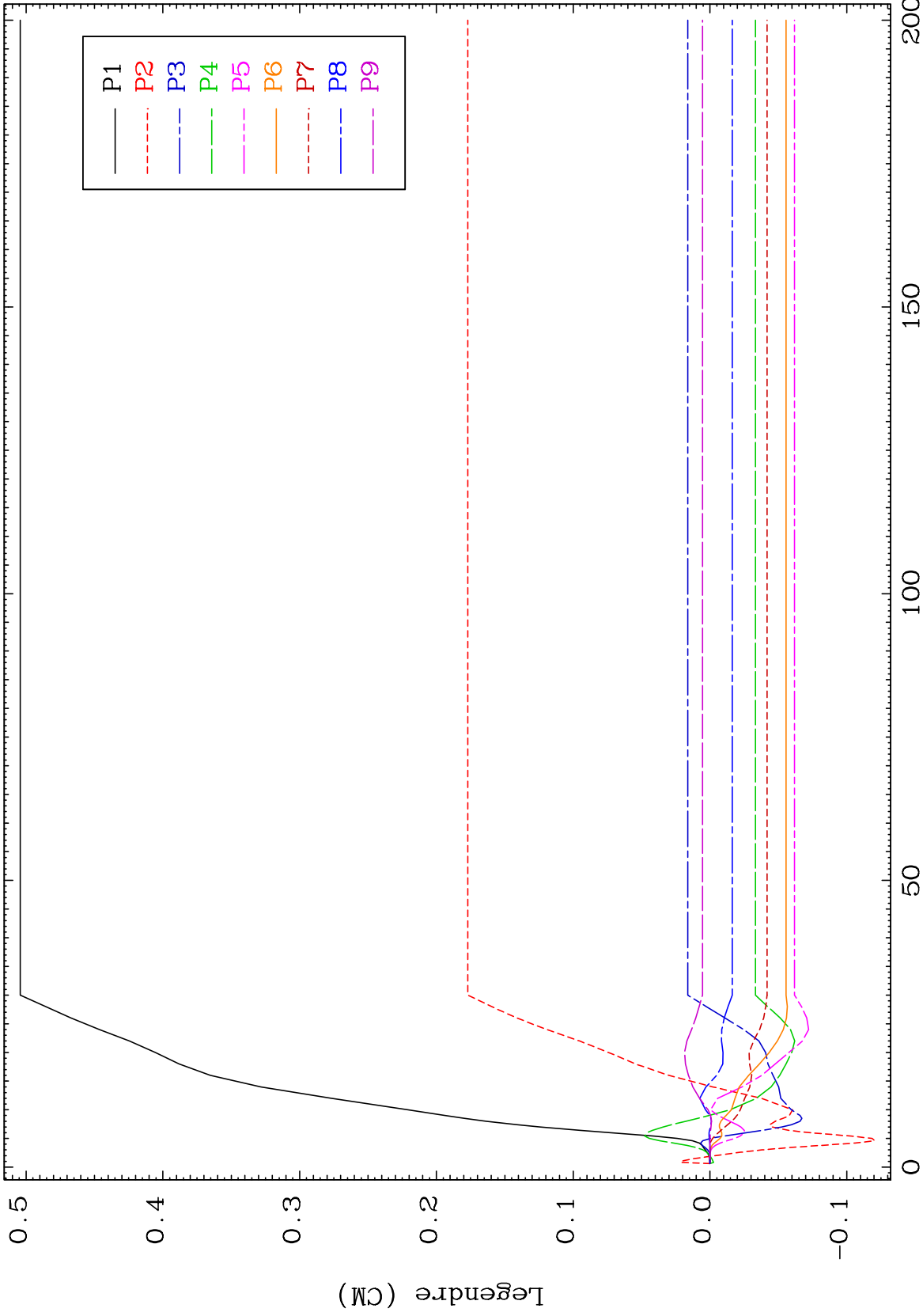
88

73-Ta-167

MAT 7286

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

73-Ta-167



89

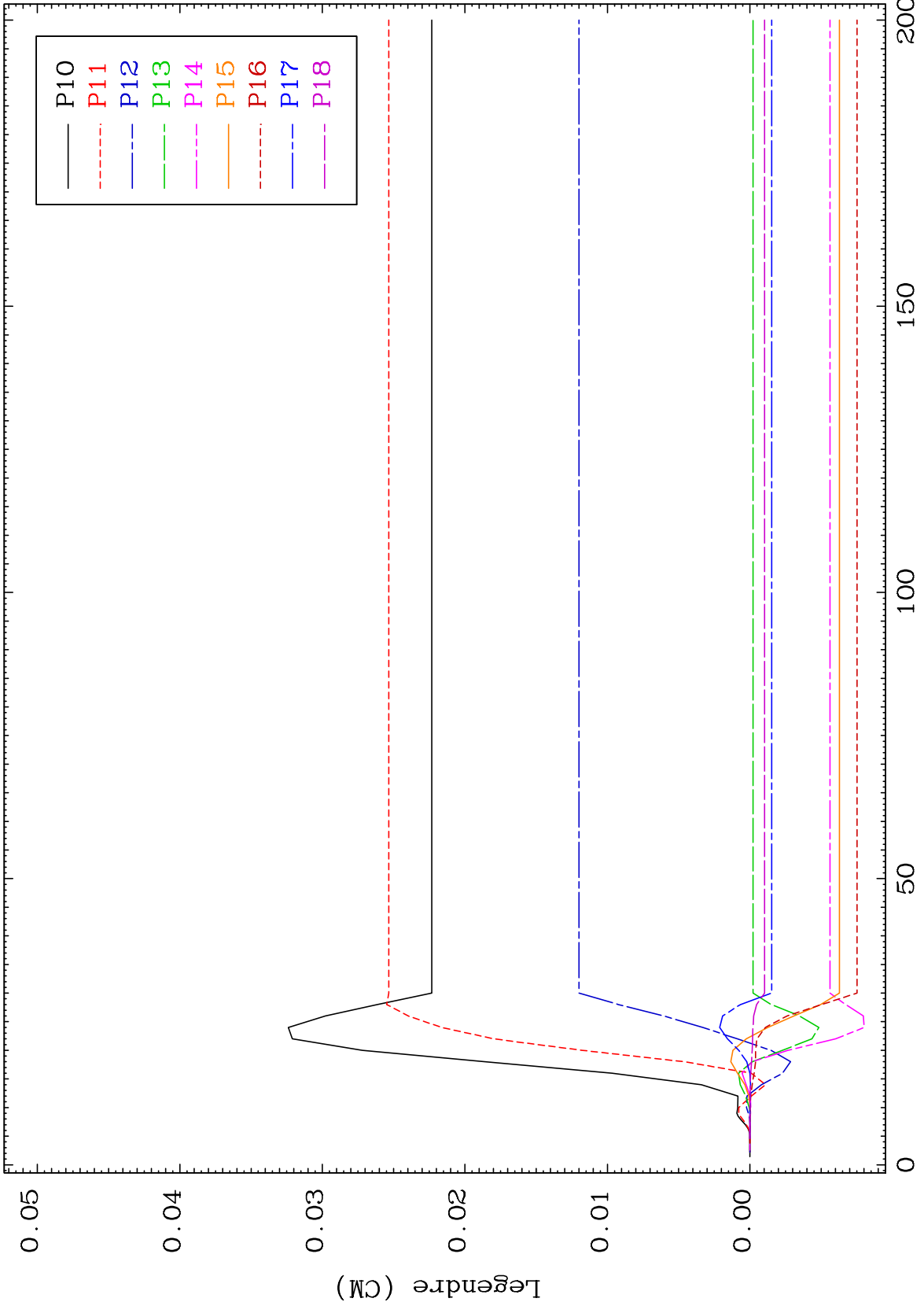
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



90

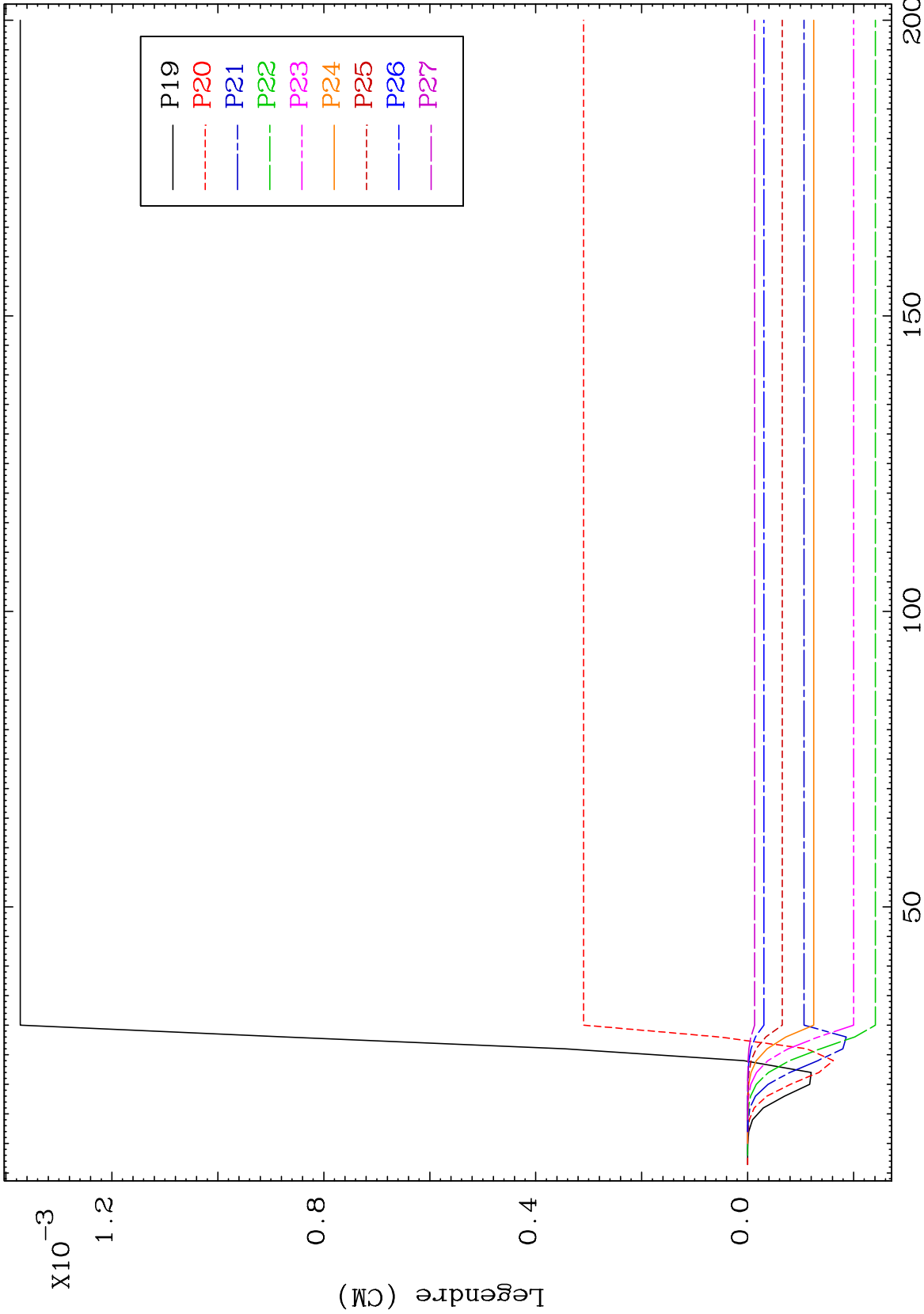
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



91

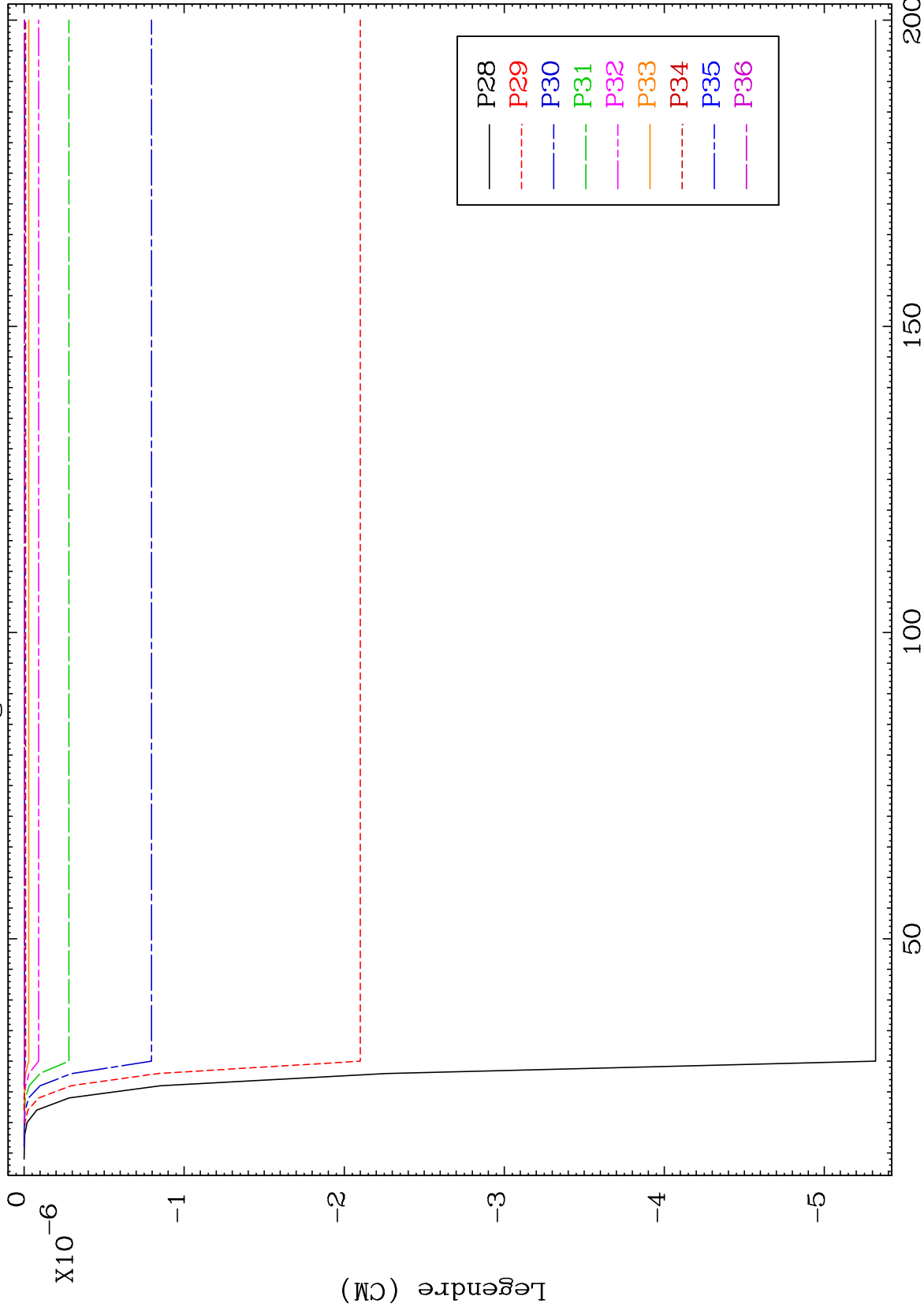
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

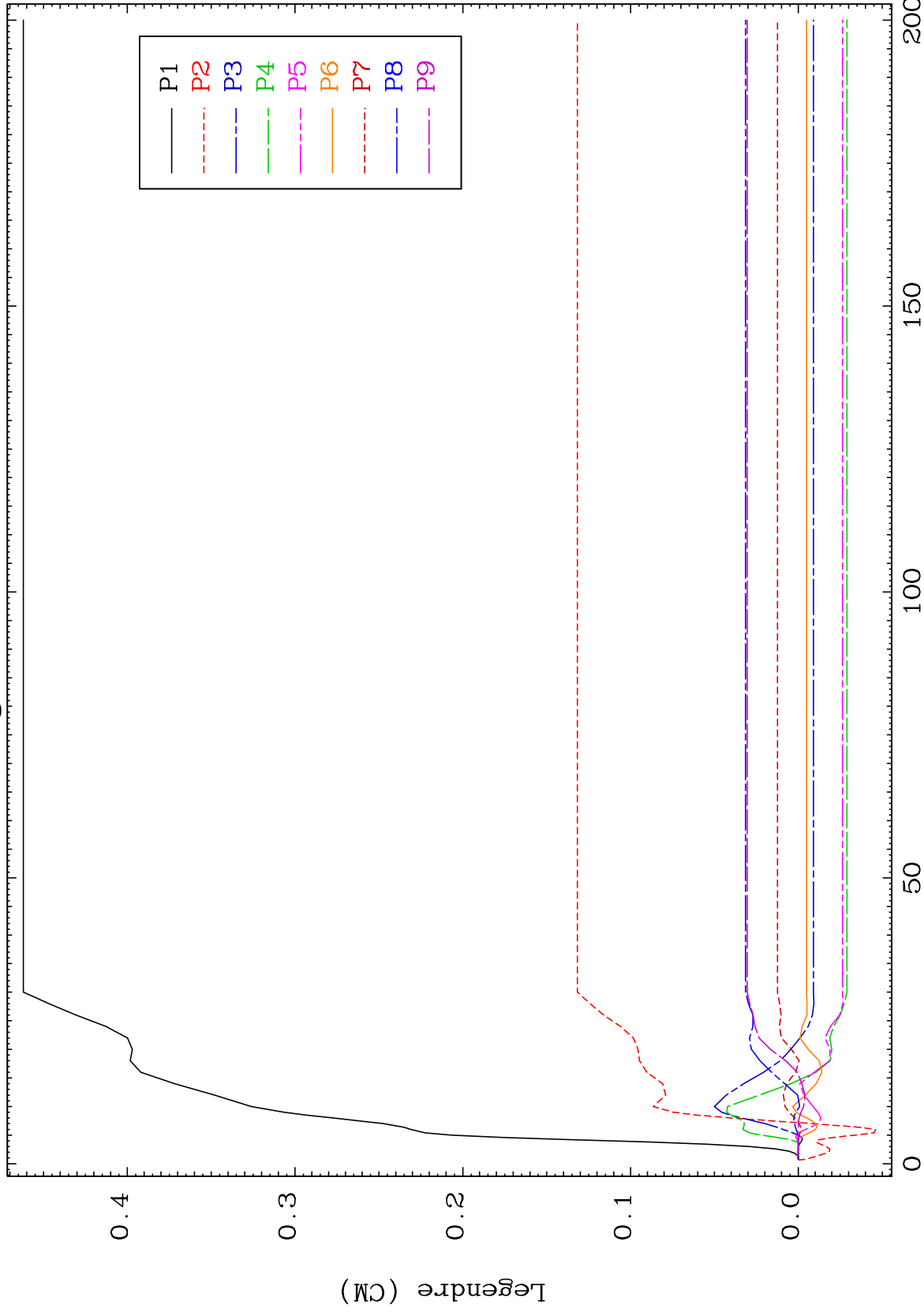
Incident Energy (MeV)

92

MAT 7286

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

73-Ta-167



93

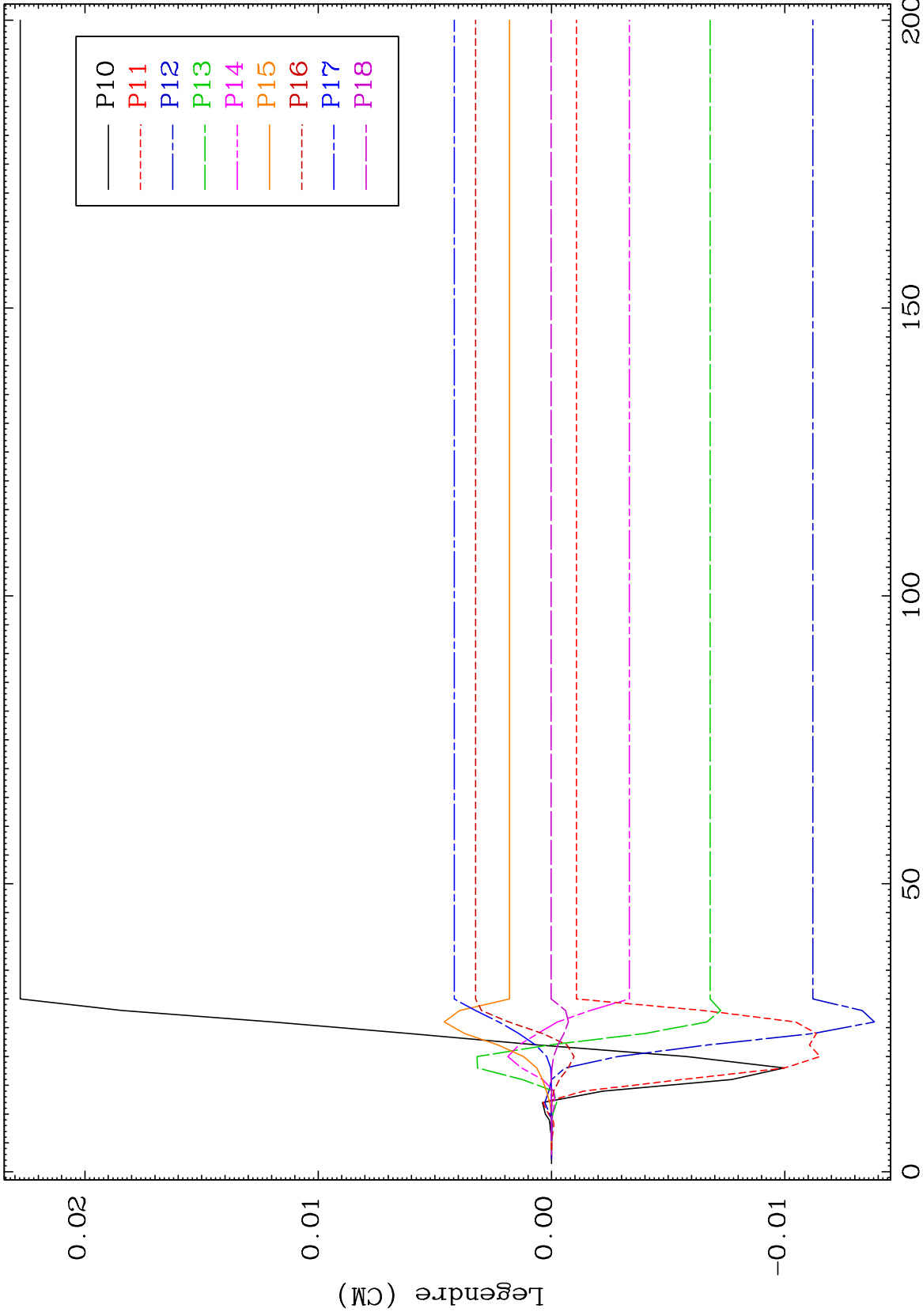
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



94

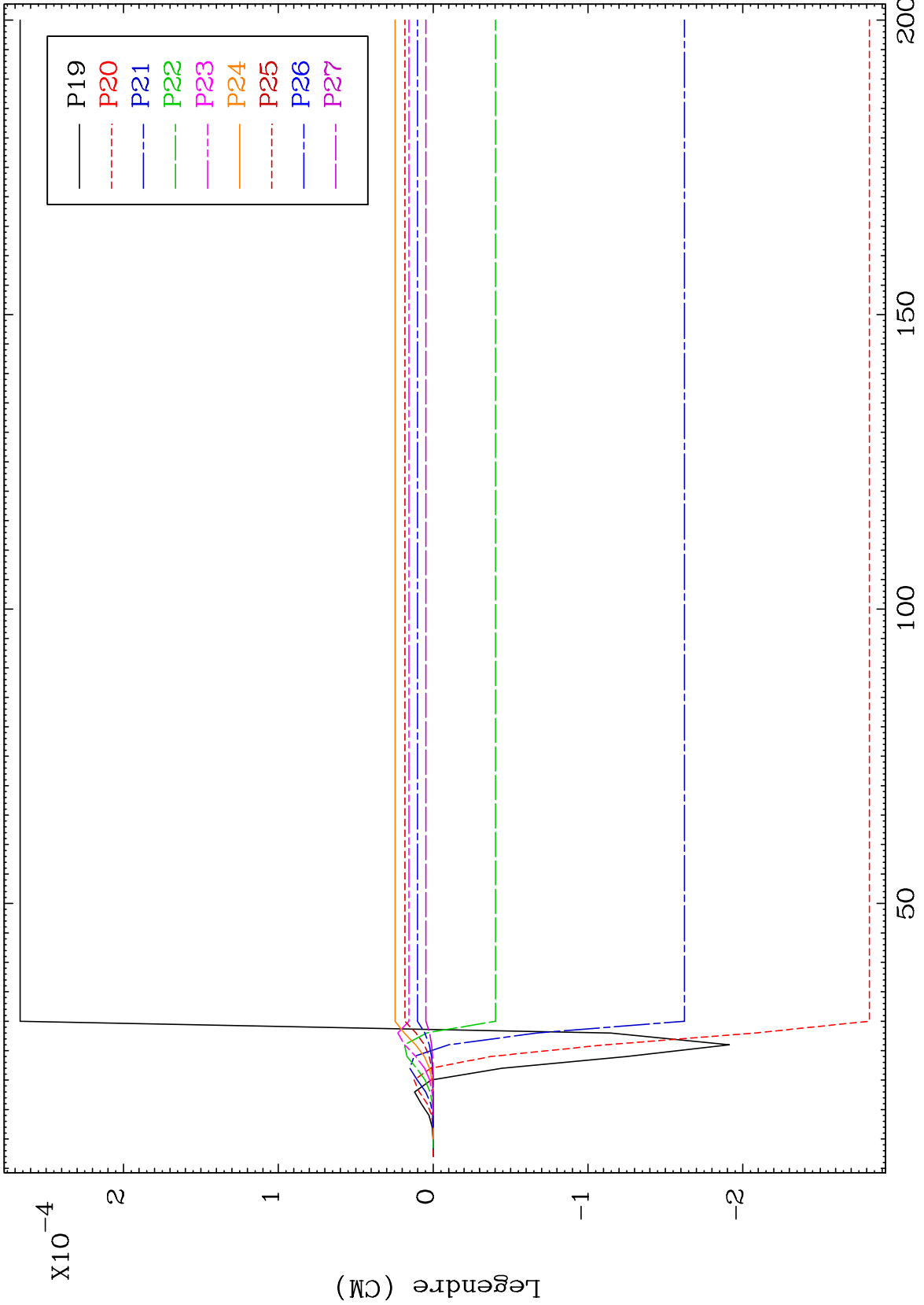
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



95

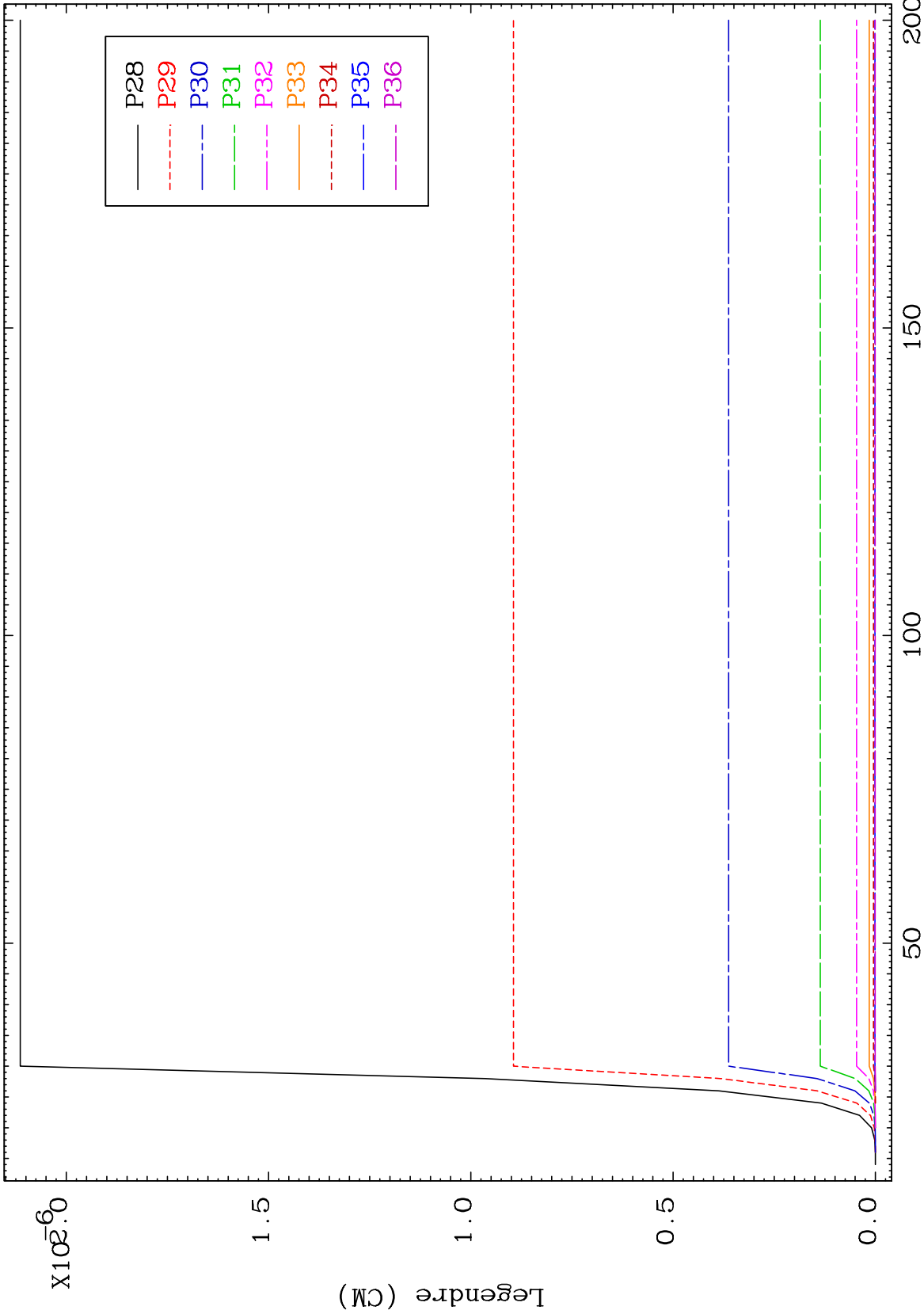
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



96

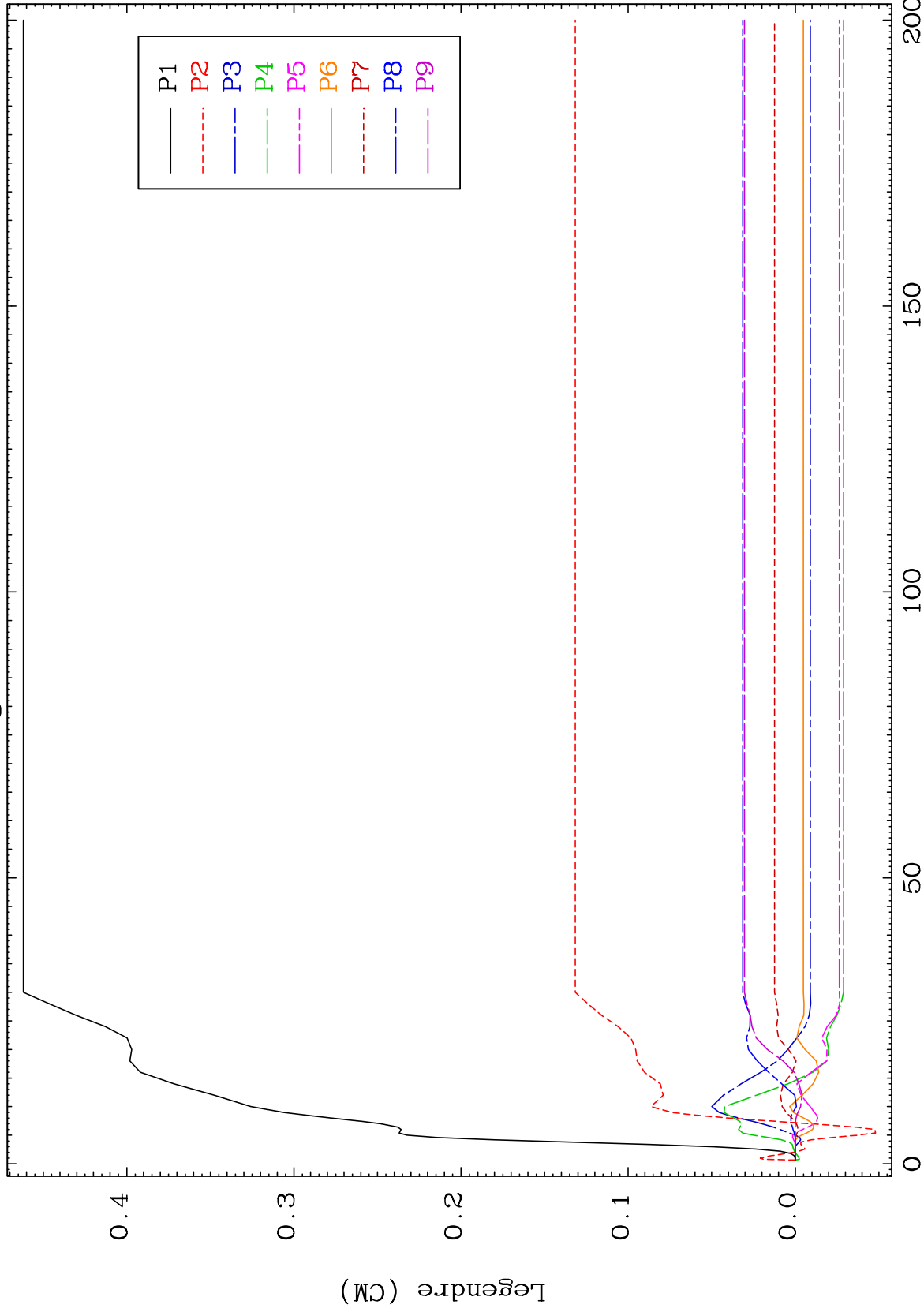
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



97

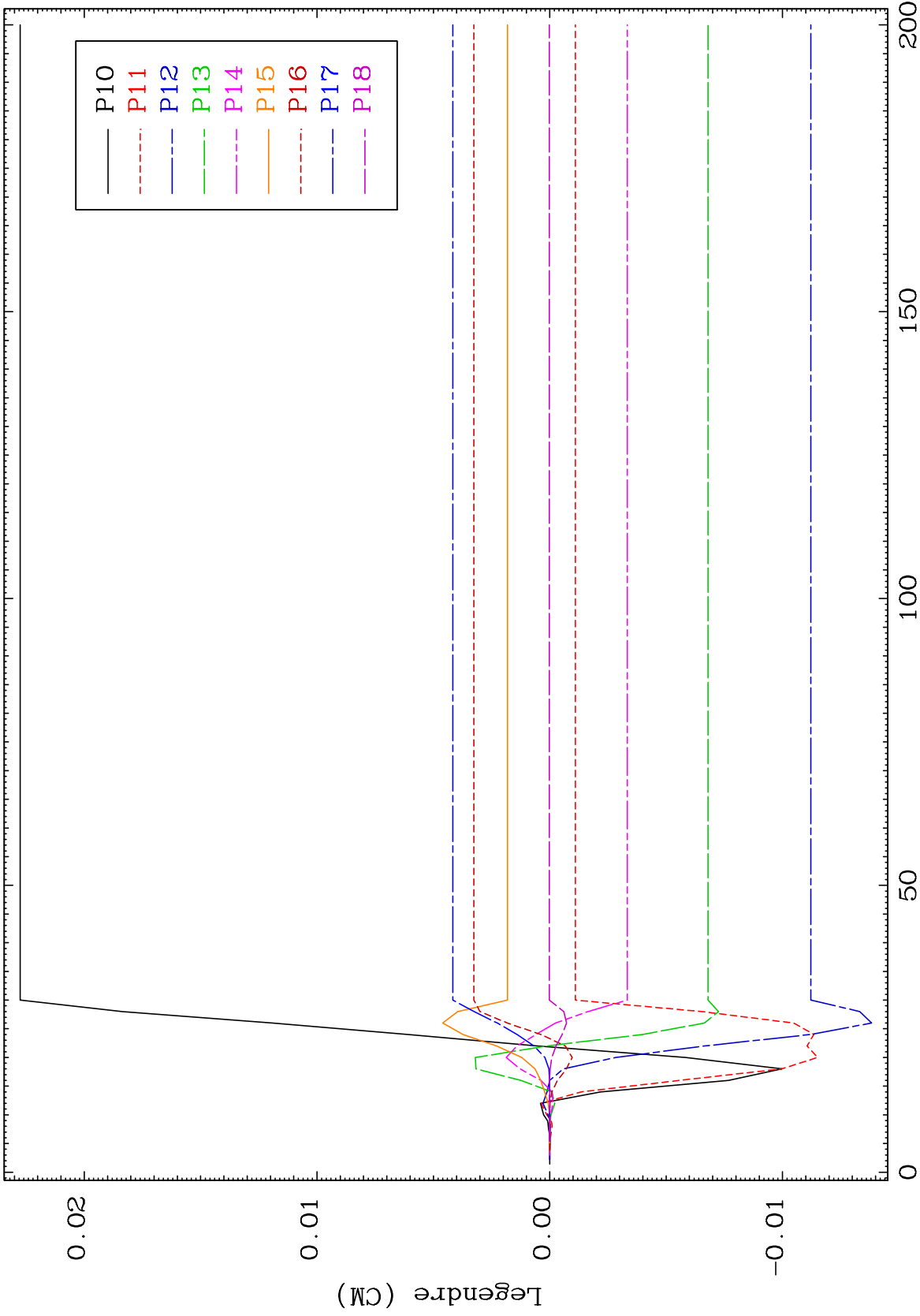
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



98

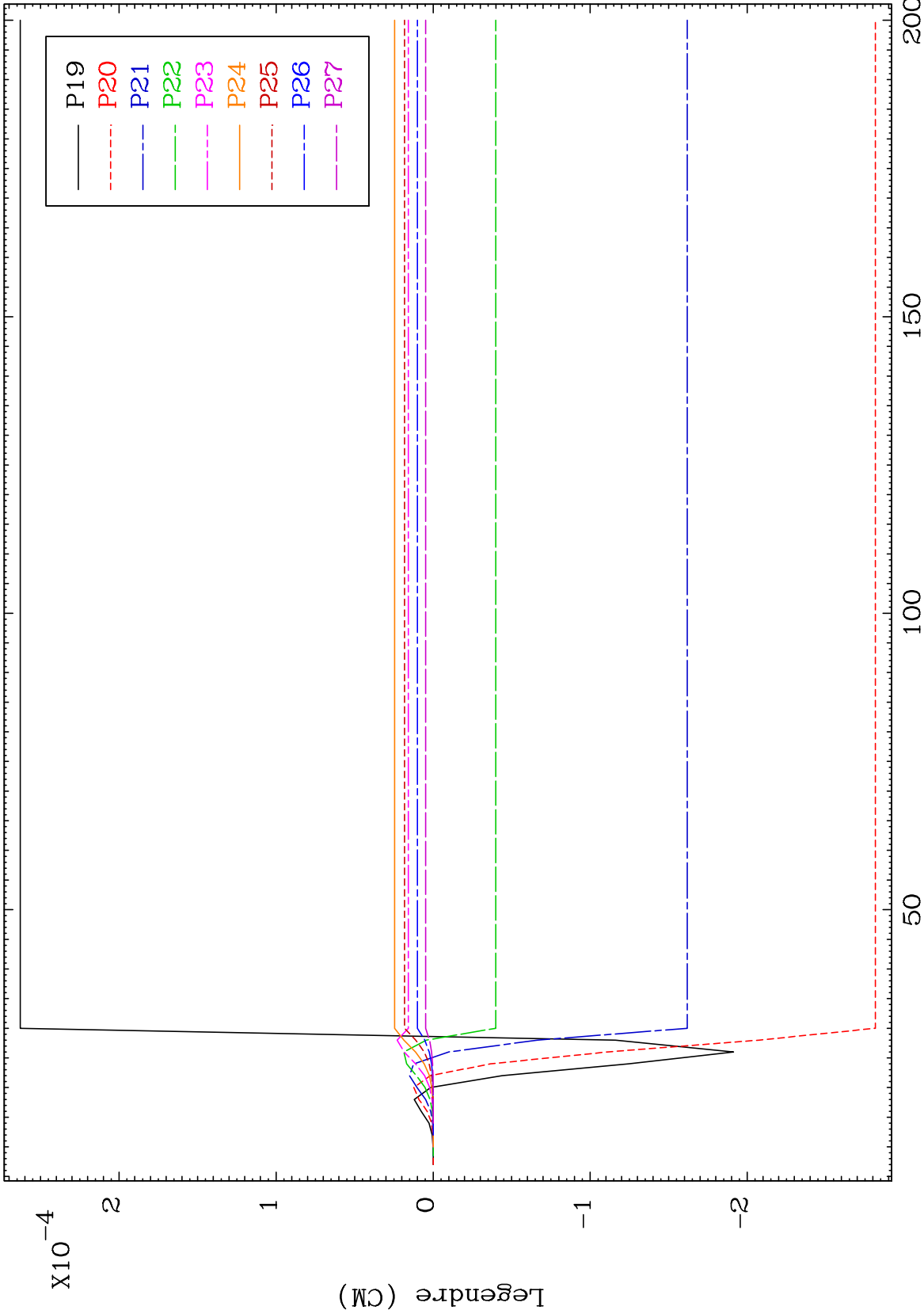
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



99

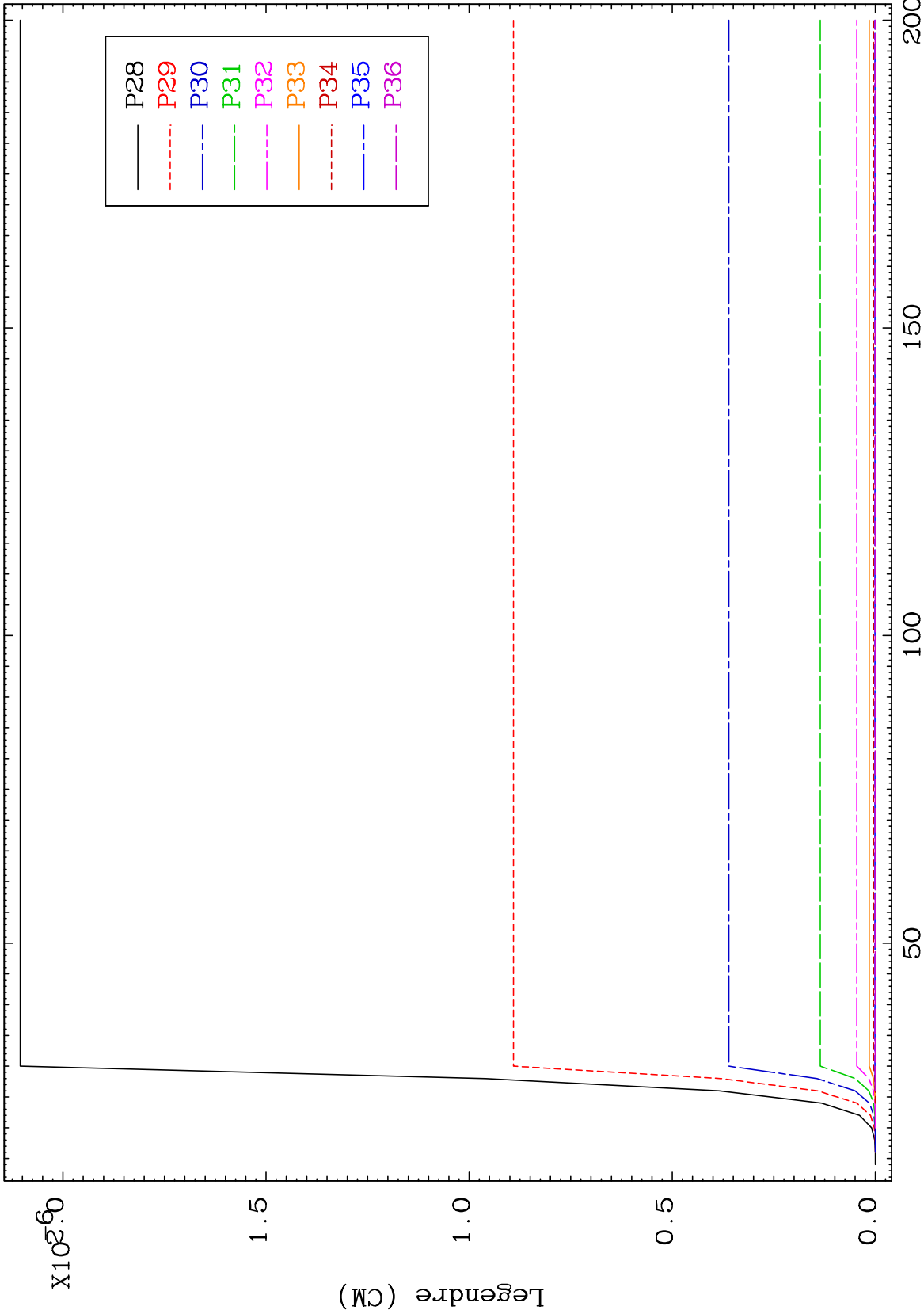
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

73-Ta-167



73-Ta-167

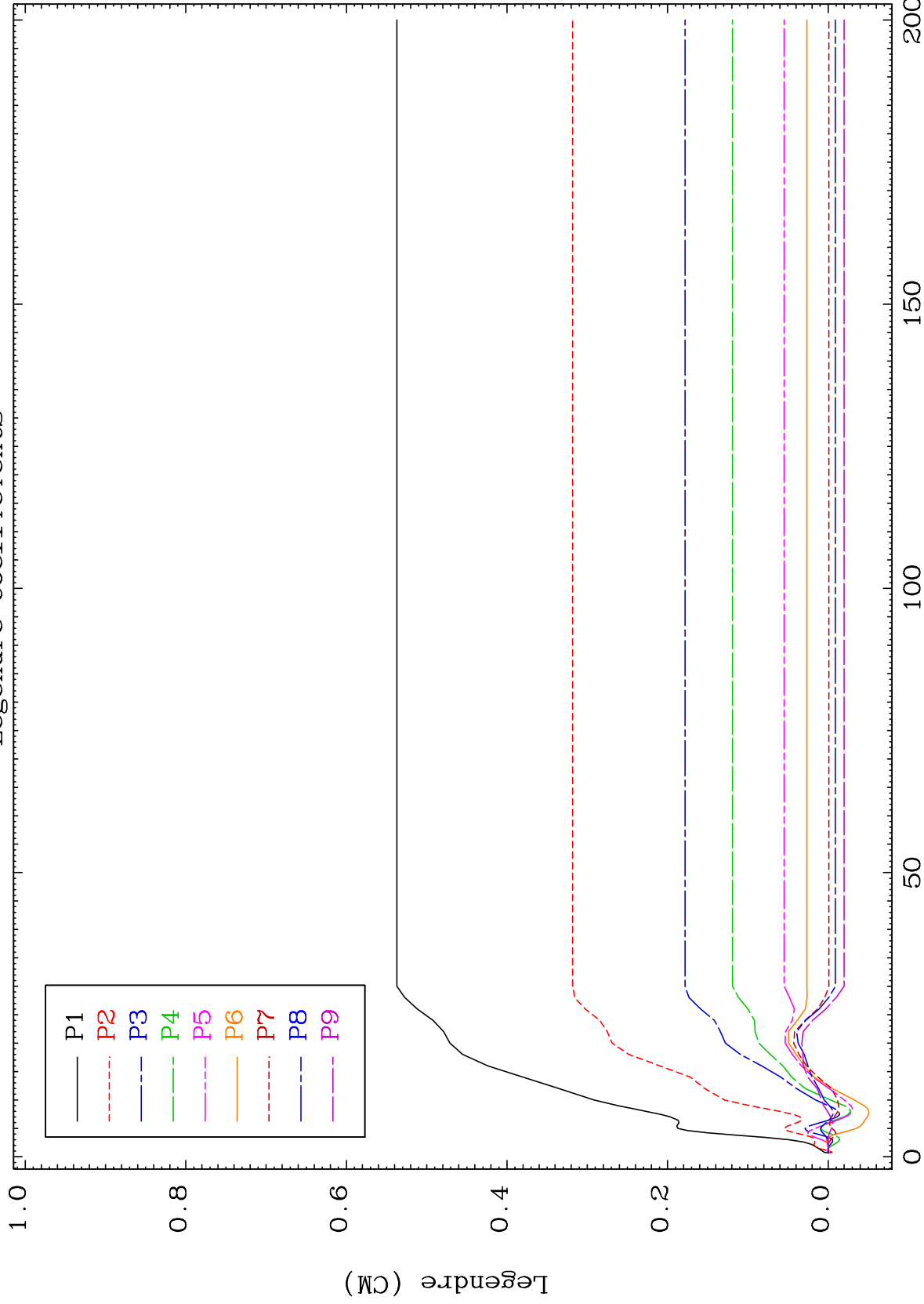
Incident Energy (MeV)

Legendre (CM) X10^2.0

MAT 7286

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

73-Ta-167



101

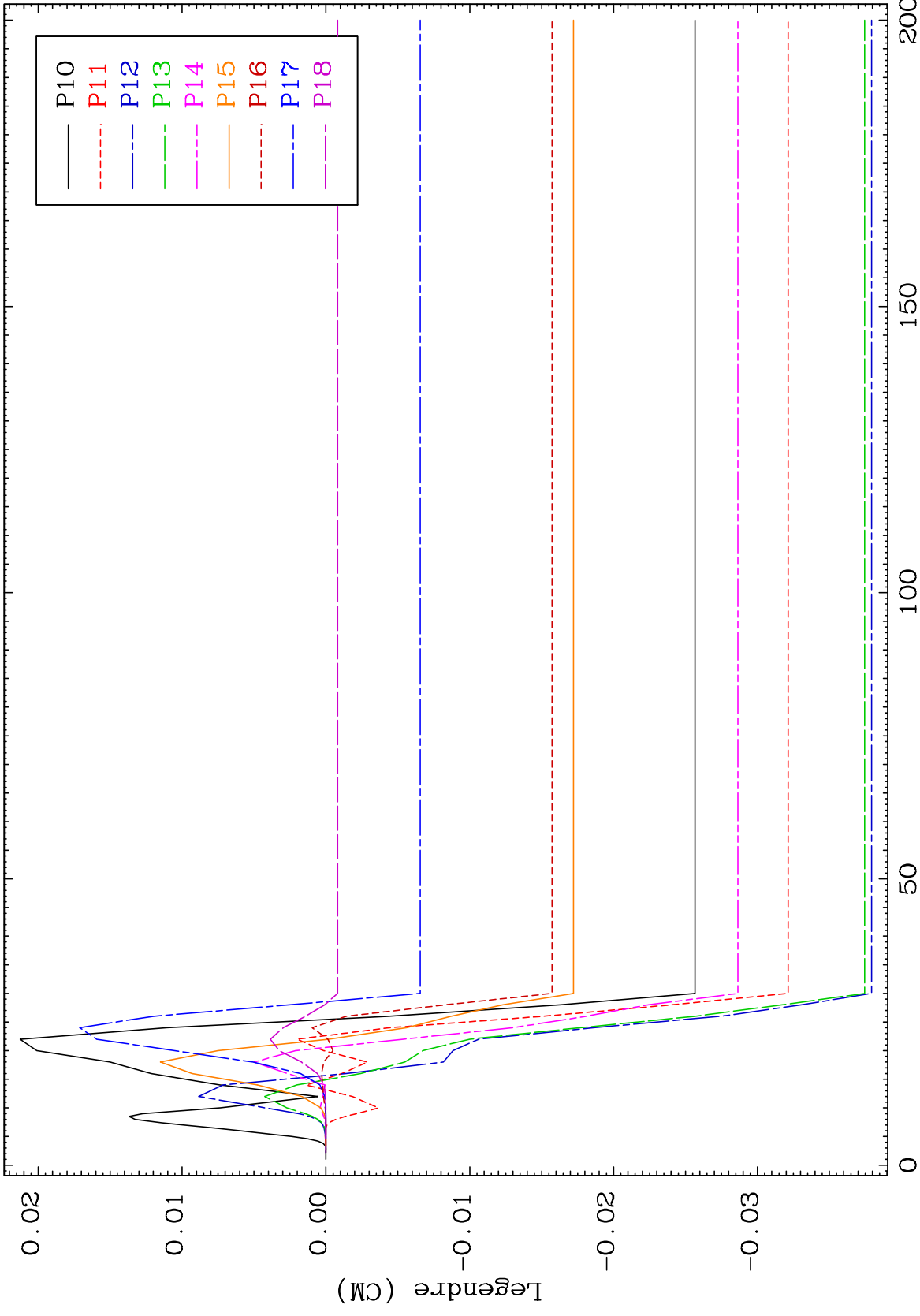
Incident Energy (MeV)

73-Ta-167

MAT 7286

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

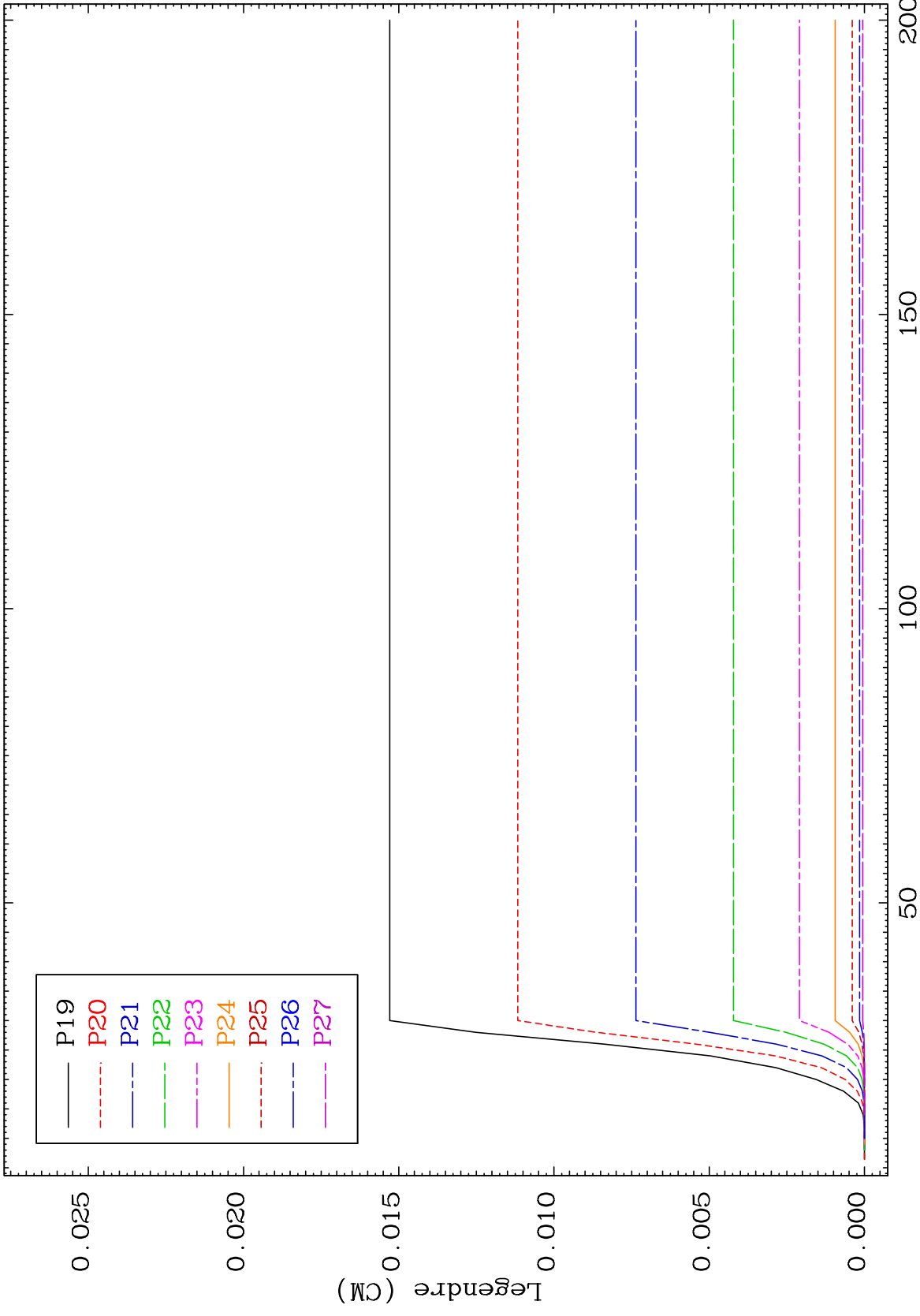
73-Ta-167



102

Incident Energy (MeV)

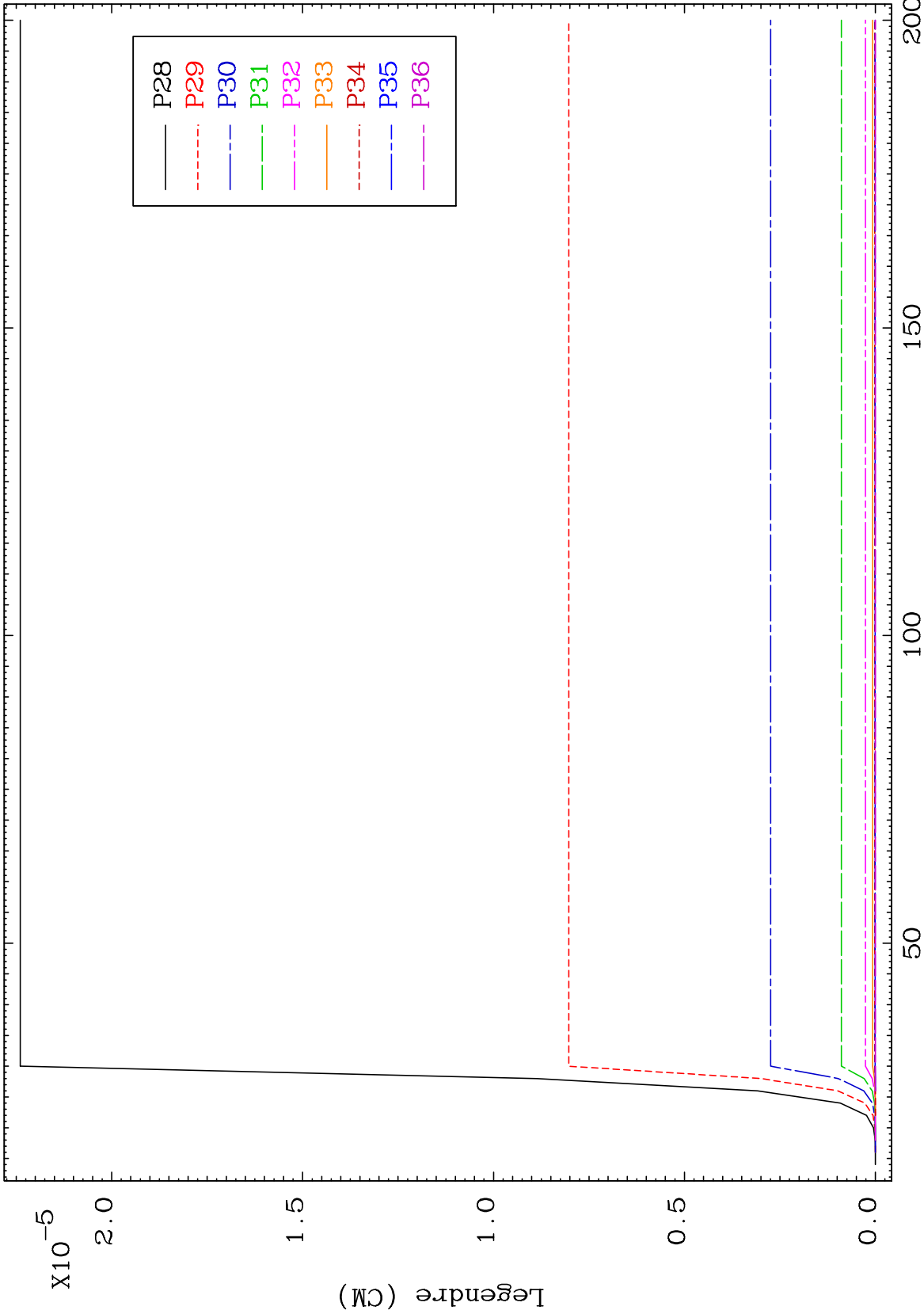
73-Ta-167



MAT 7286

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

73-Ta-167



104

Incident Energy (MeV)

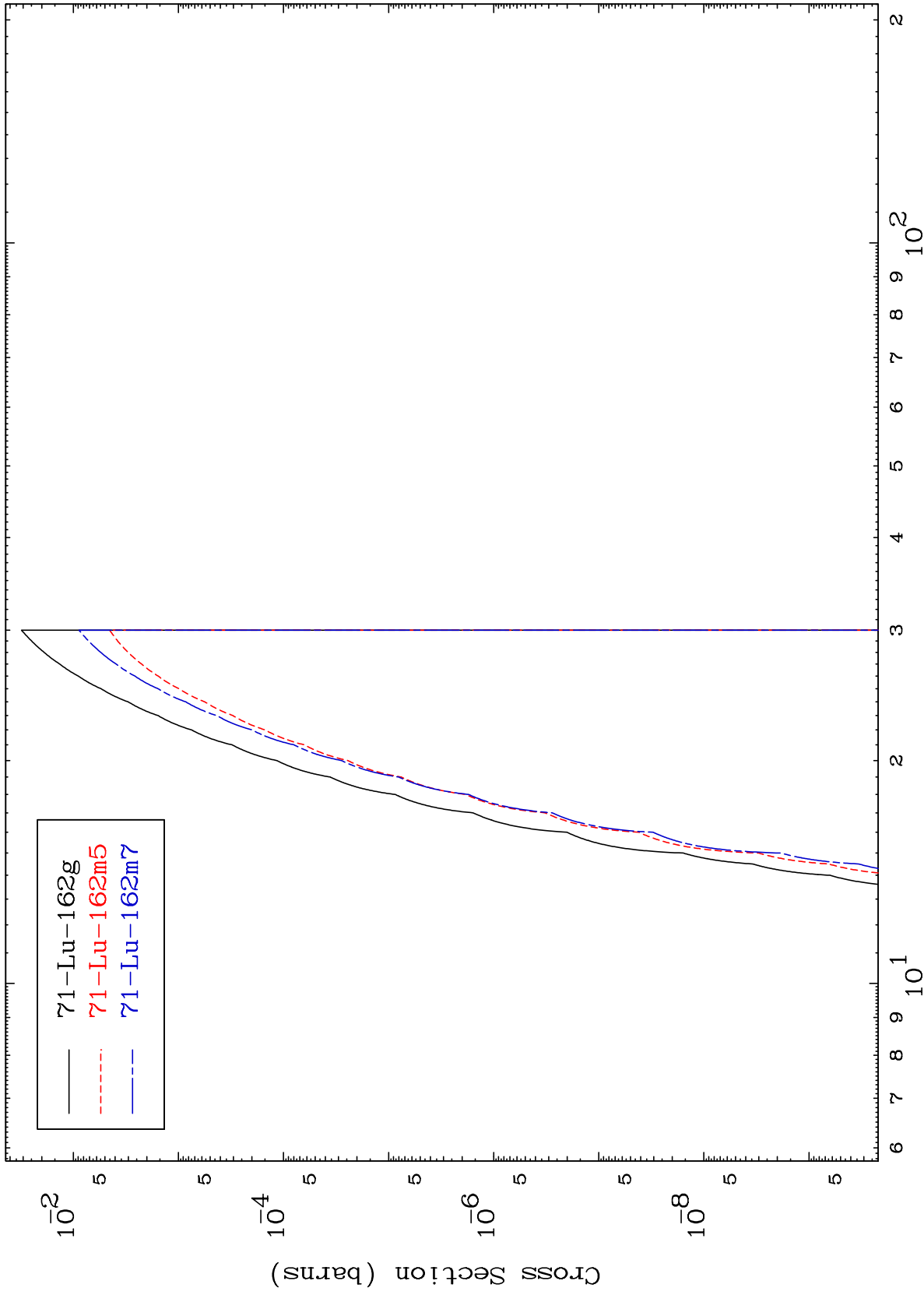
73-Ta-167

MAT 7286

(n,2n) α

73-Ta-167

Radionuclide Production Cross Section



105

Incident Energy (MeV)

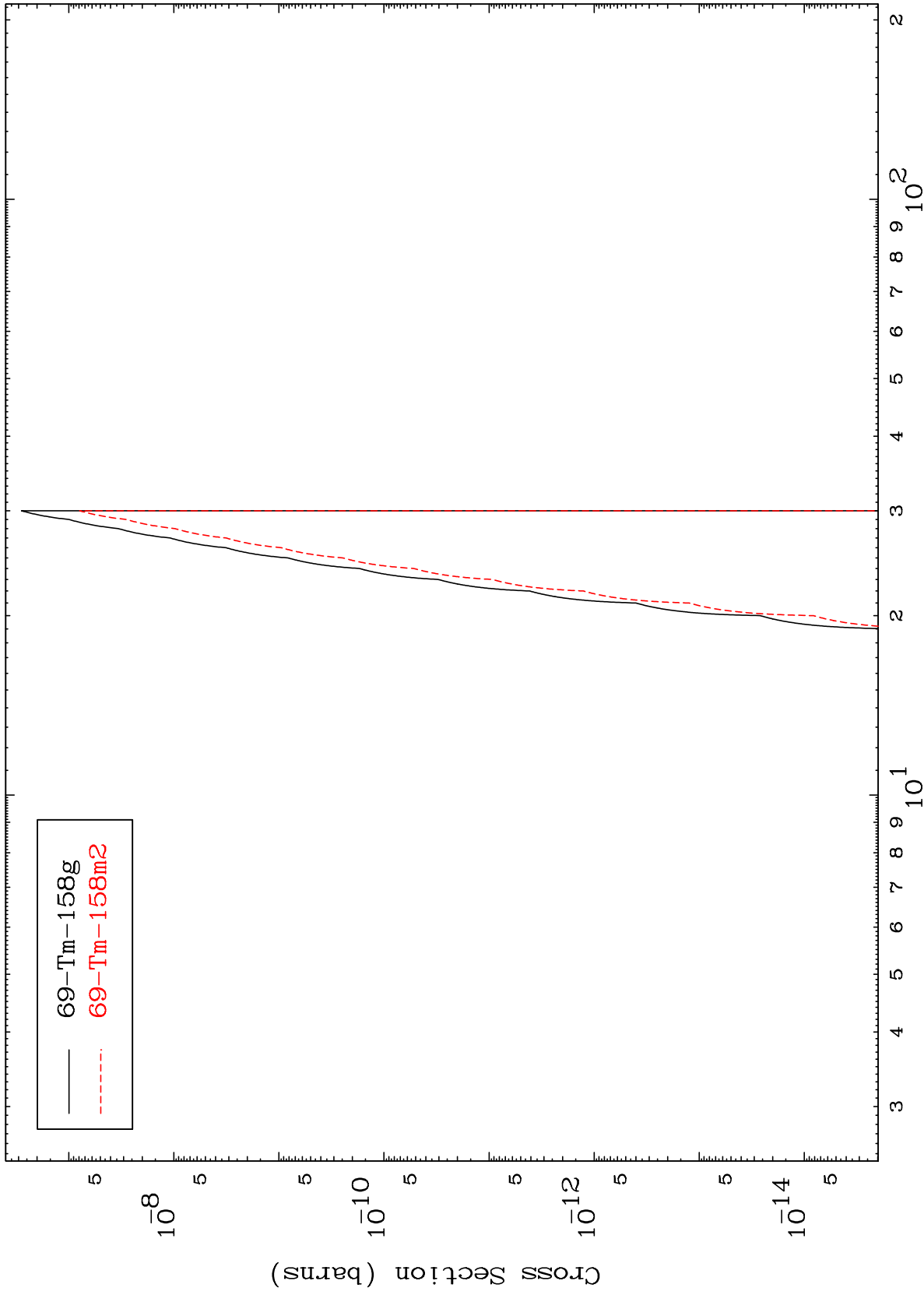
73-Ta-167

MAT 7286

(n,2n) 2α

73-Ta-167

Radionuclide Production Cross Section



69-Tm-158g
69-Tm-158m2

106

Incident Energy (MeV)

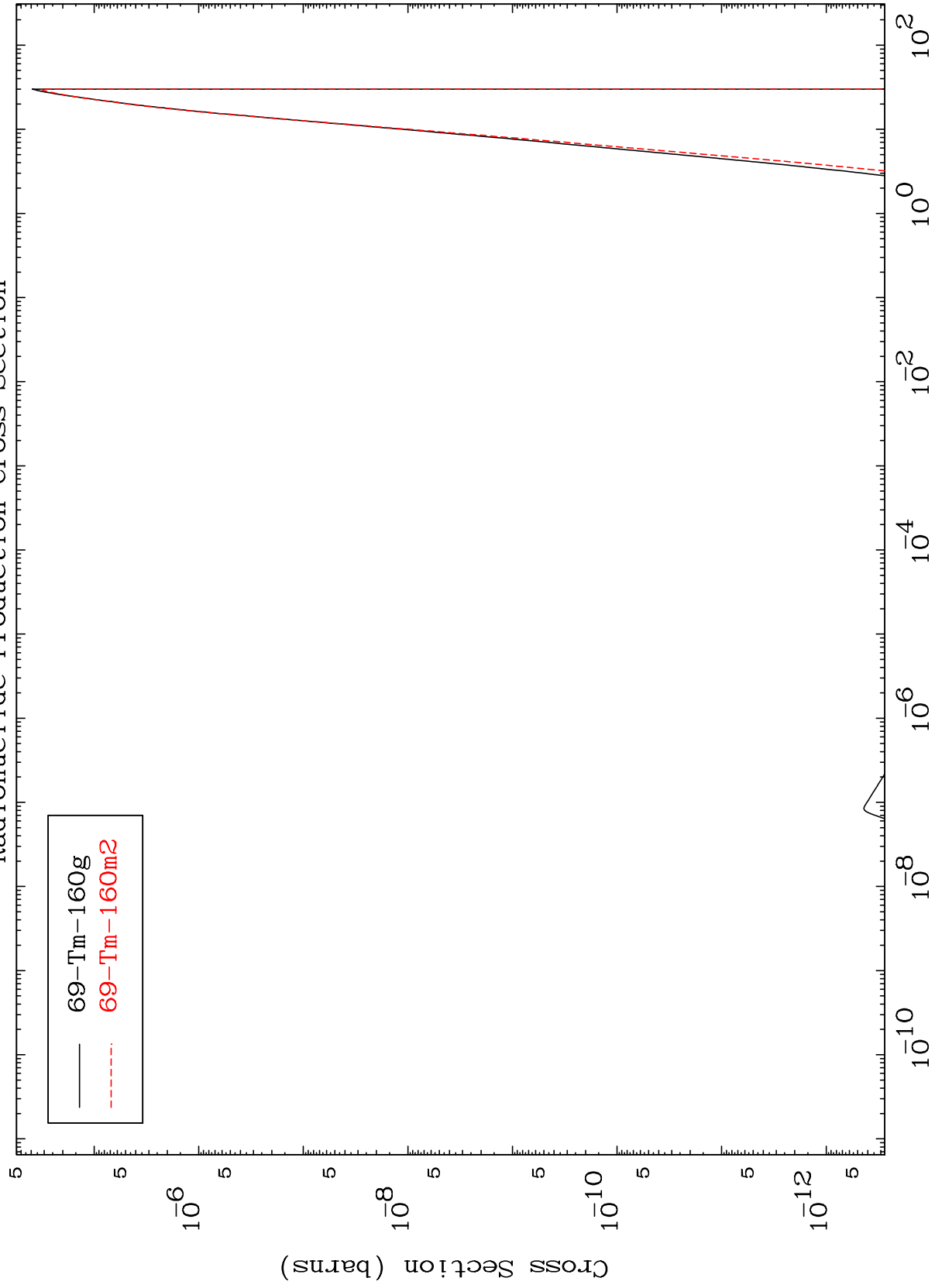
73-Ta-167

MAT 7286

(n,2α)

73-Ta-167

Radionuclide Production Cross Section



69-Tm-160g
69-Tm-160m2

107

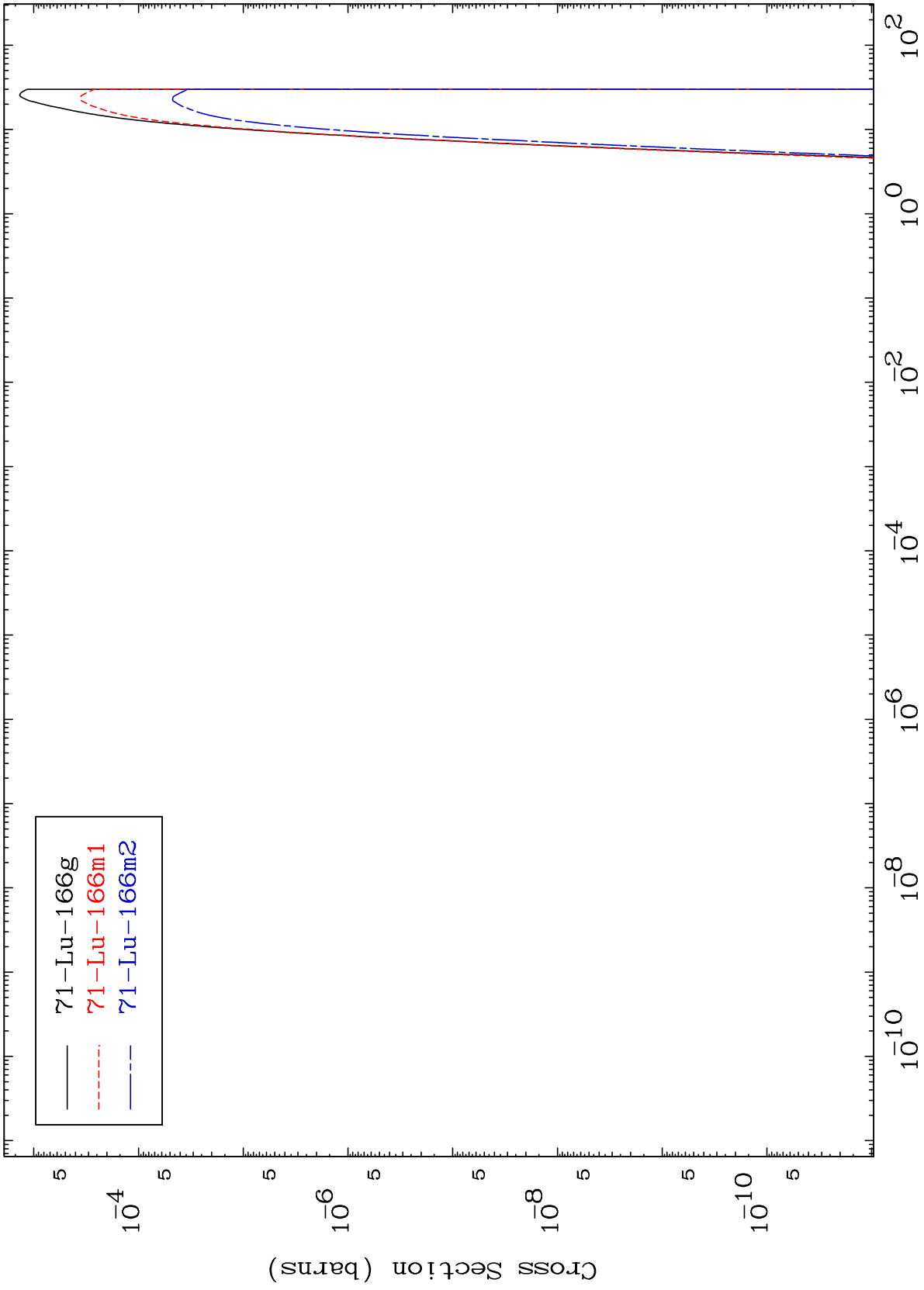
Incident Energy (MeV)

73-Ta-167

MAT 7286

Radionuclide Production Cross Section
(n,2p)

⁷³Ta-167



108

Incident Energy (MeV)

⁷³Ta-167