

Program EVALPLOT
(Version 2018-1)

by

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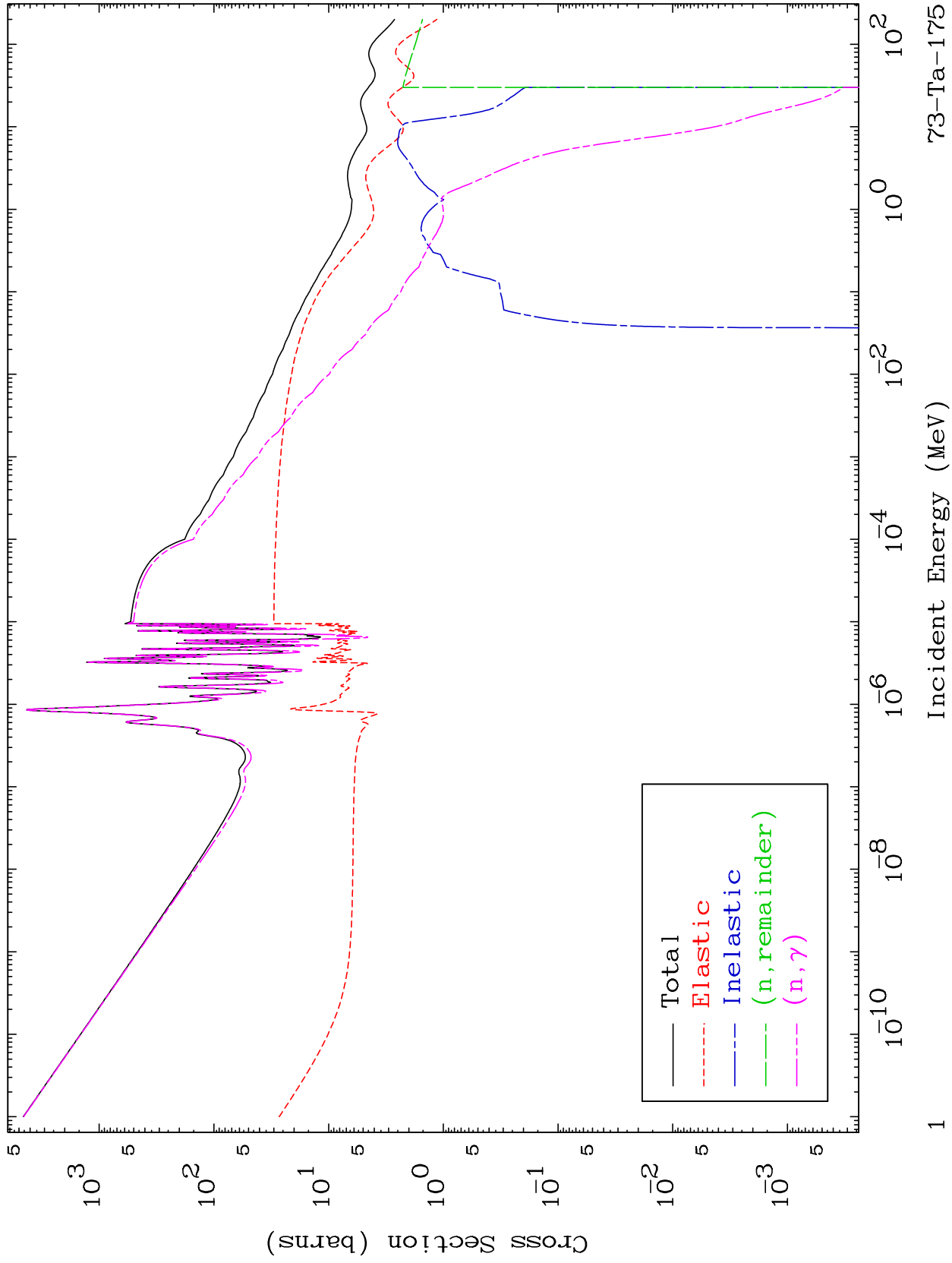
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7310

Major
293 Kelvin Cross Sections

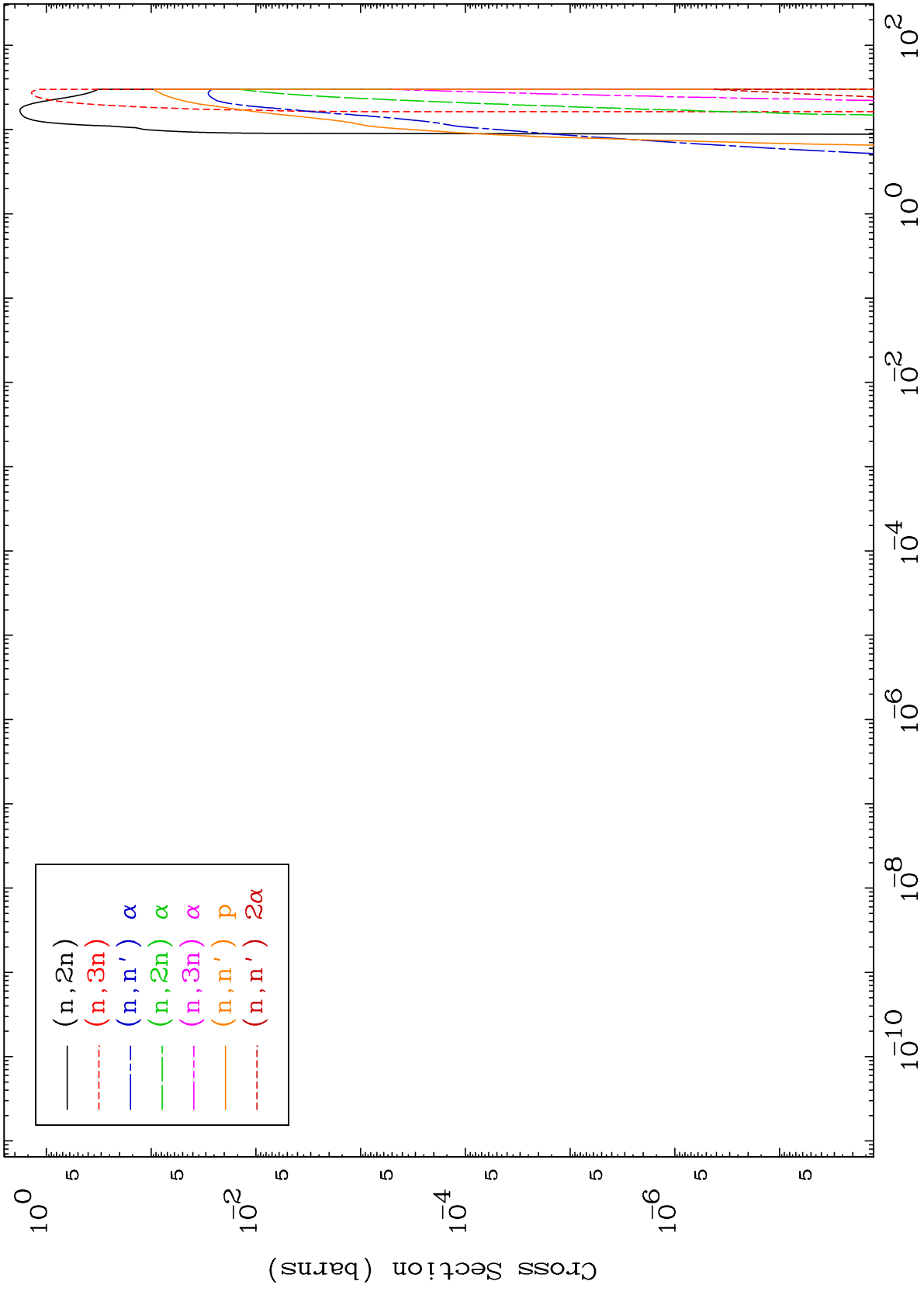
73-Ta-175



MAT 7310

Neutron Production
293 Kelvin Cross Sections

73-Ta-175

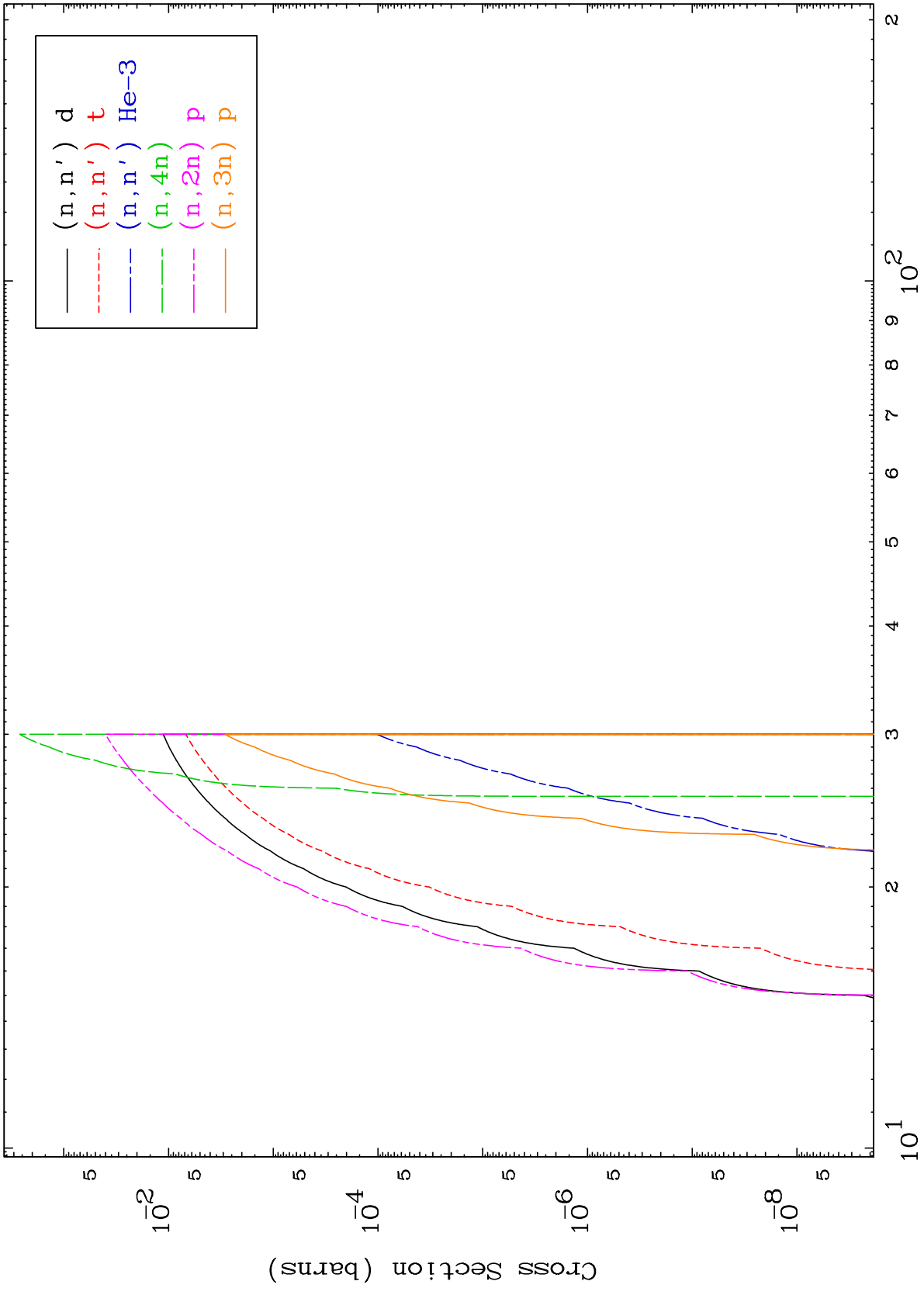


73-Ta-175

MAT 7310

Neutron Production
293 Kelvin Cross Sections

73-Ta-175



73-Ta-175

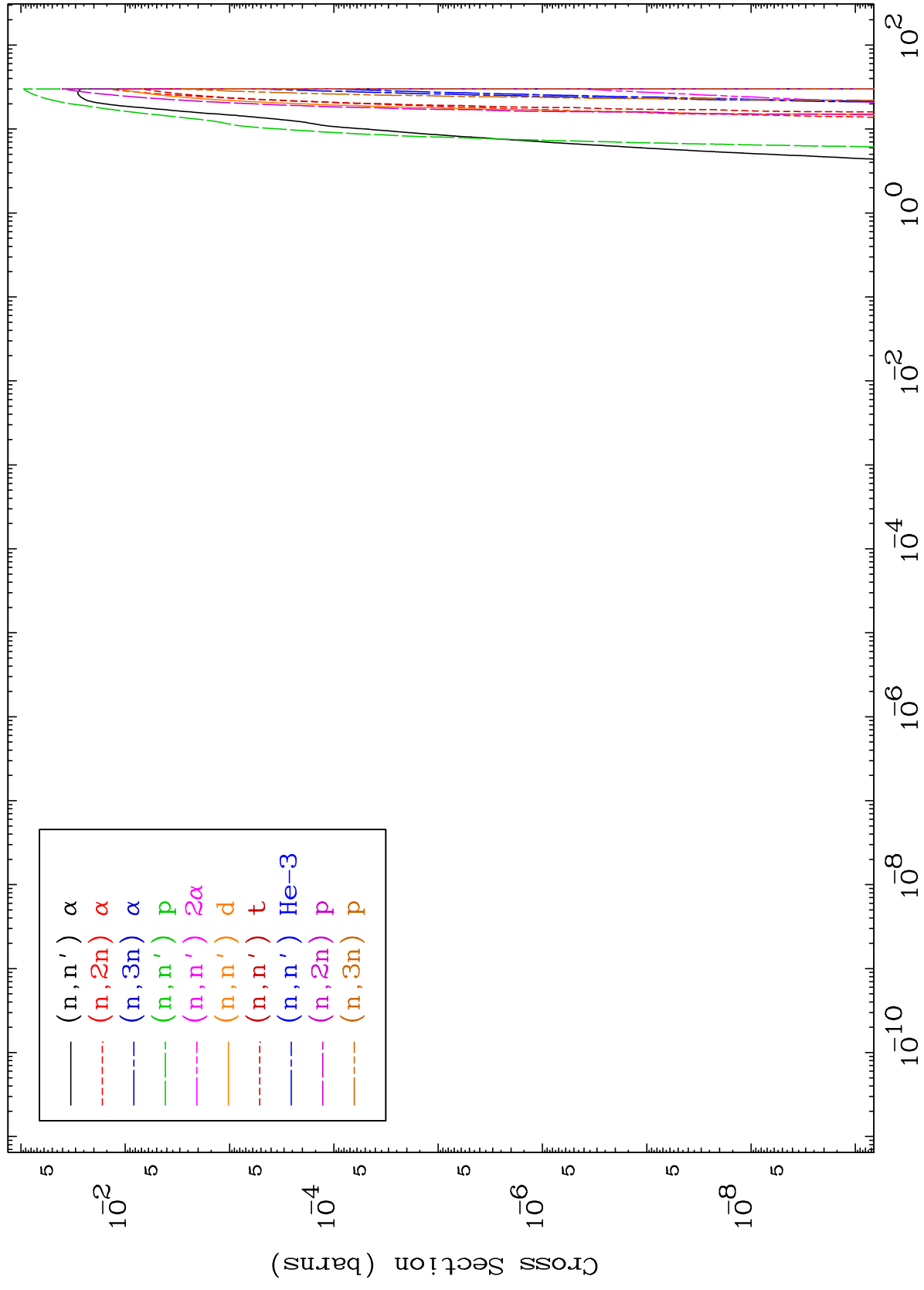
Incident Energy (MeV)

3

MAT 7310

Charged Particle
293 Kelvin Cross Sections

73-Ta-175

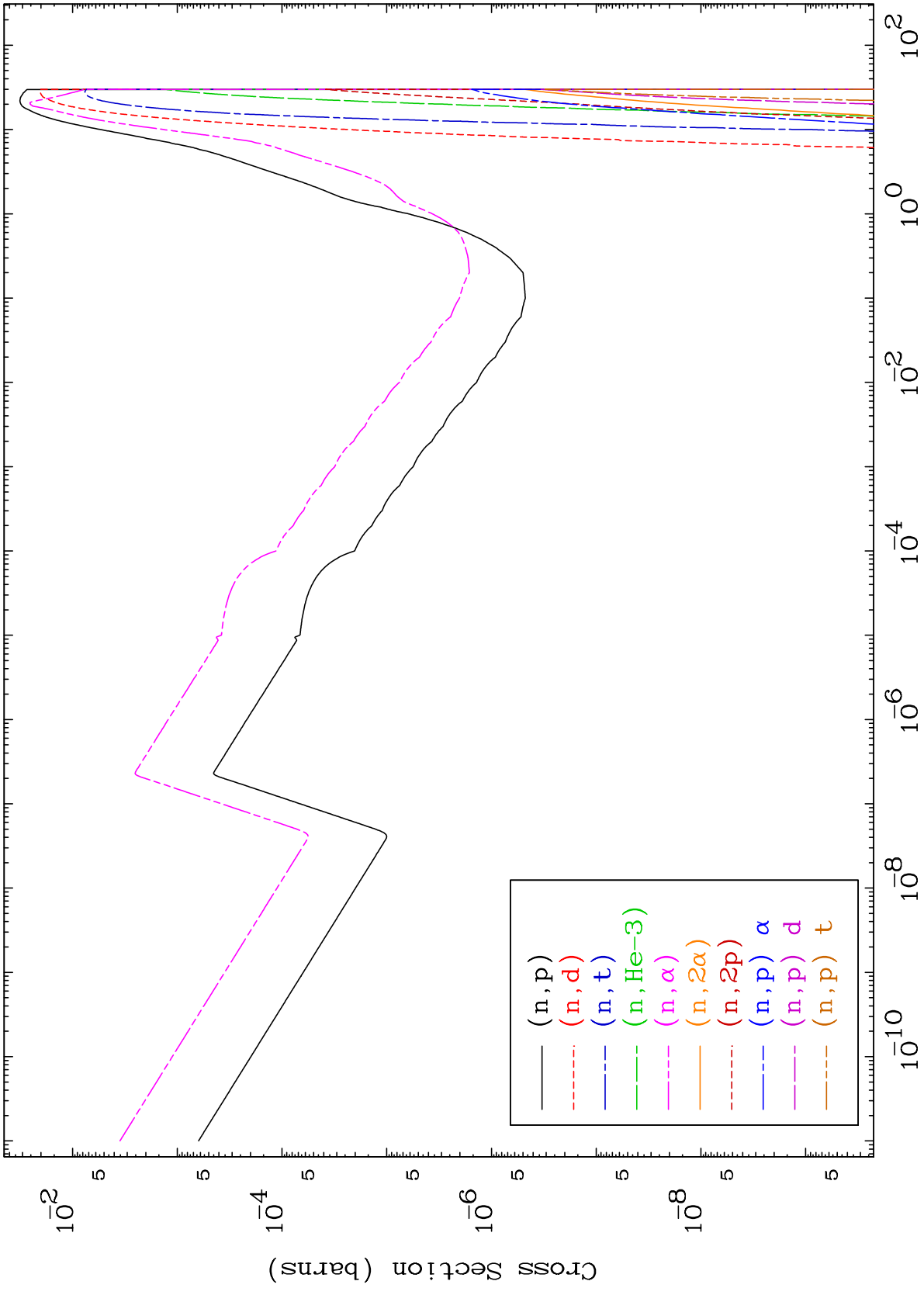


73-Ta-175

MAT 7310

293 Kelvin Cross Sections

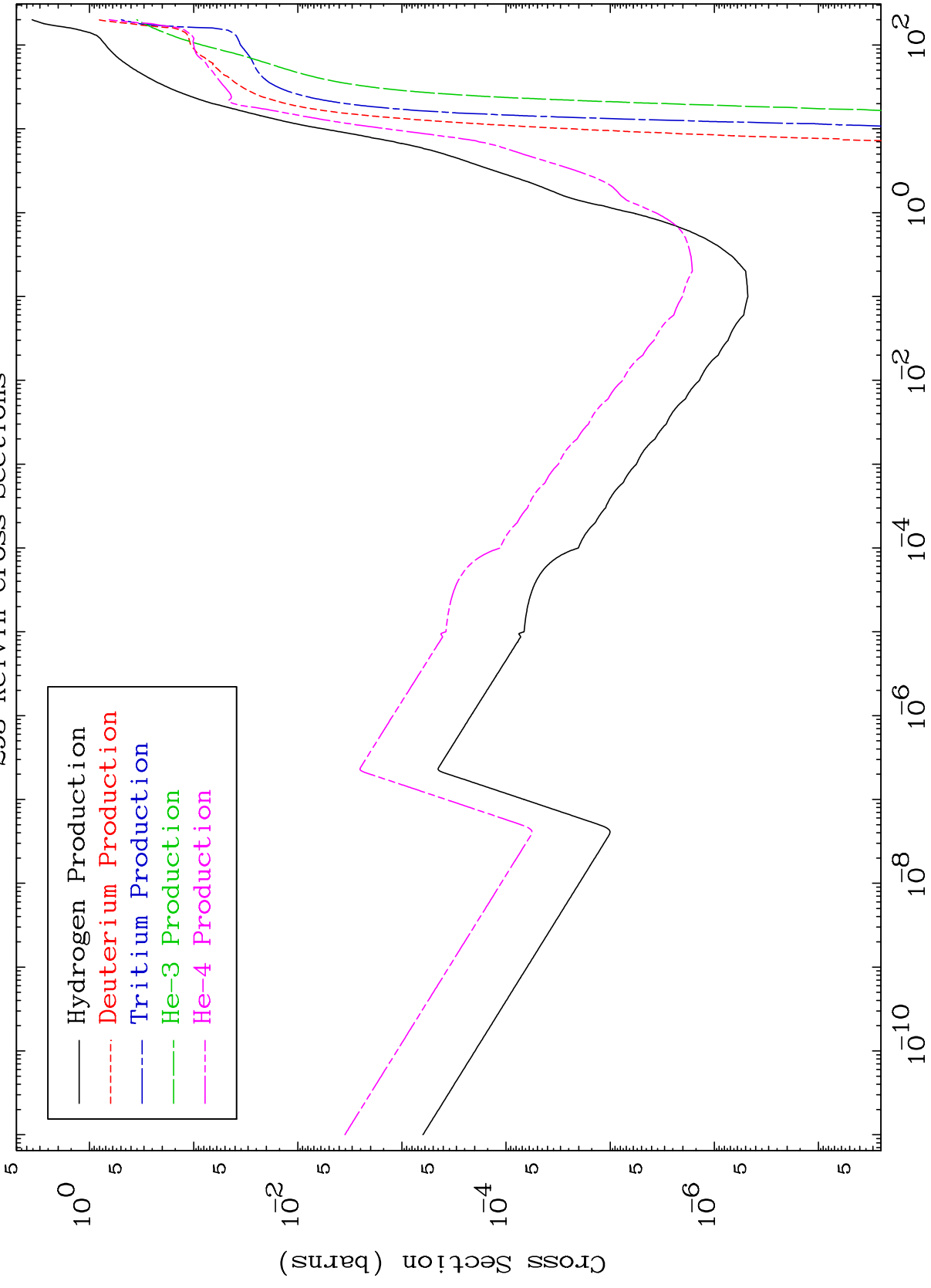
73-Ta-175



MAT 7310

Particle Production
293 Kelvin Cross Sections

73-Ta-175



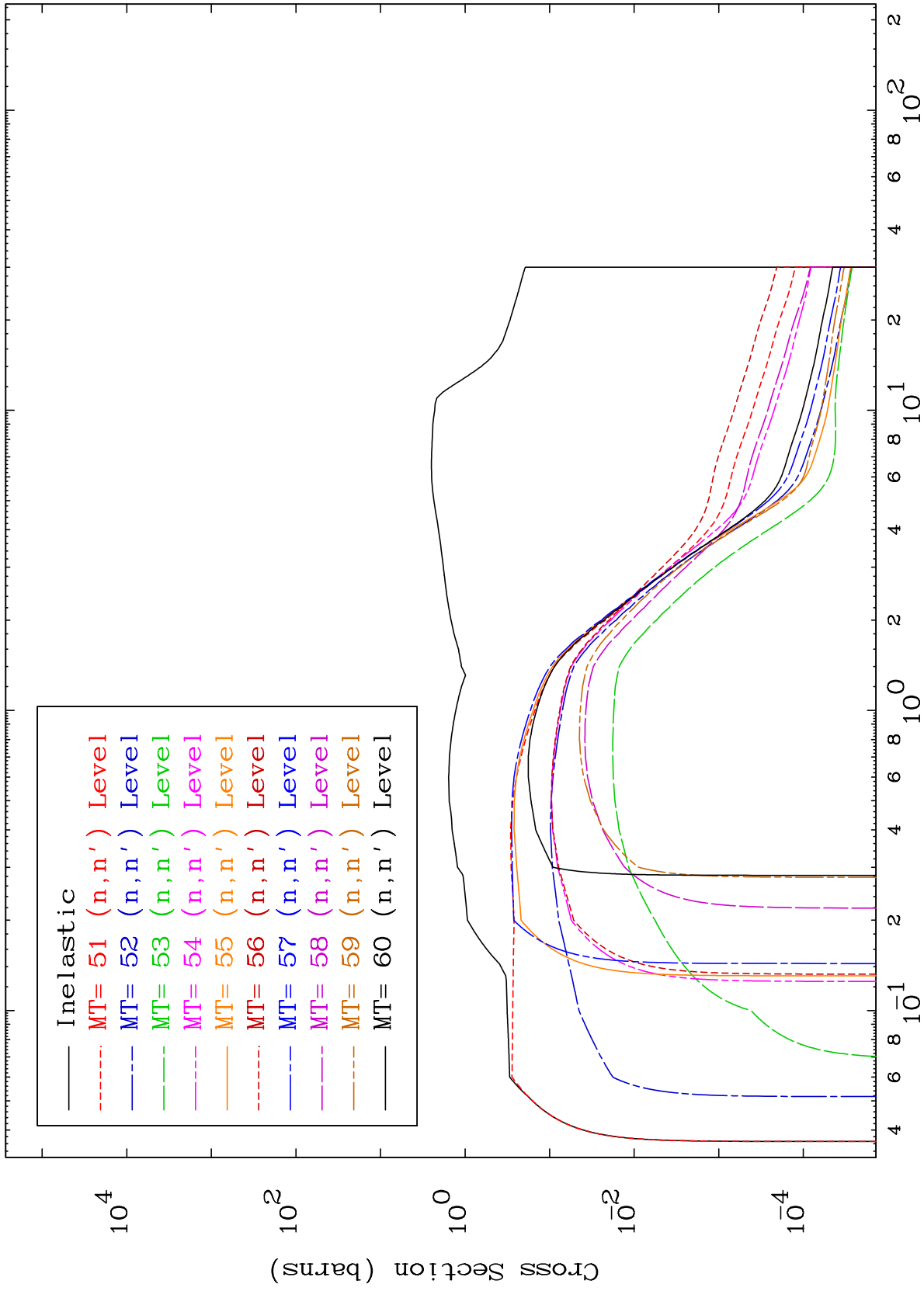
6

73-Ta-175

MAT 7310

(n,n') Level
293 Kelvin Cross Sections

73-Ta-175



7

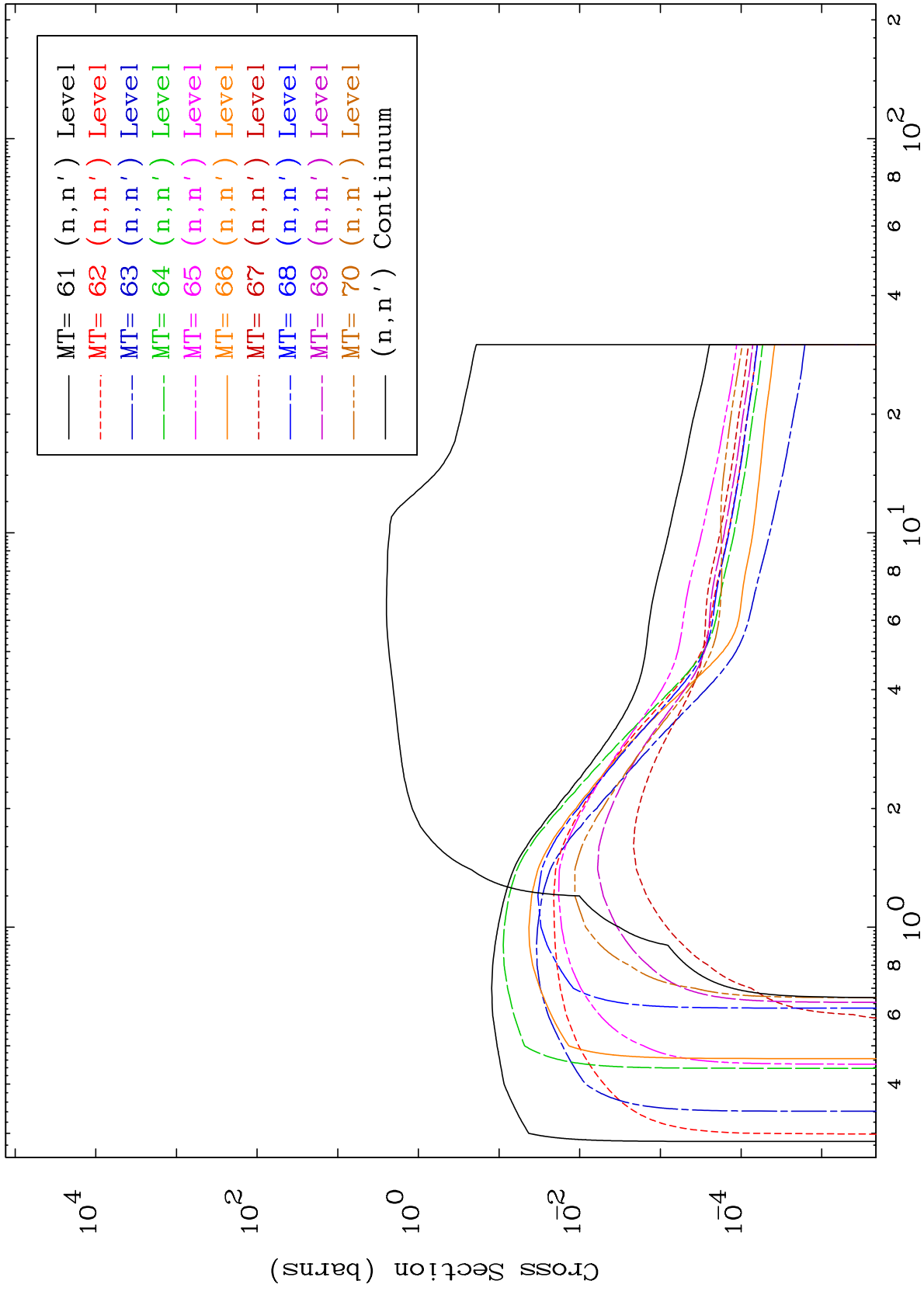
Incident Energy (MeV)

73-Ta-175

MAT 7310

(n,n') Level
293 Kelvin Cross Sections

73-Ta-175



8

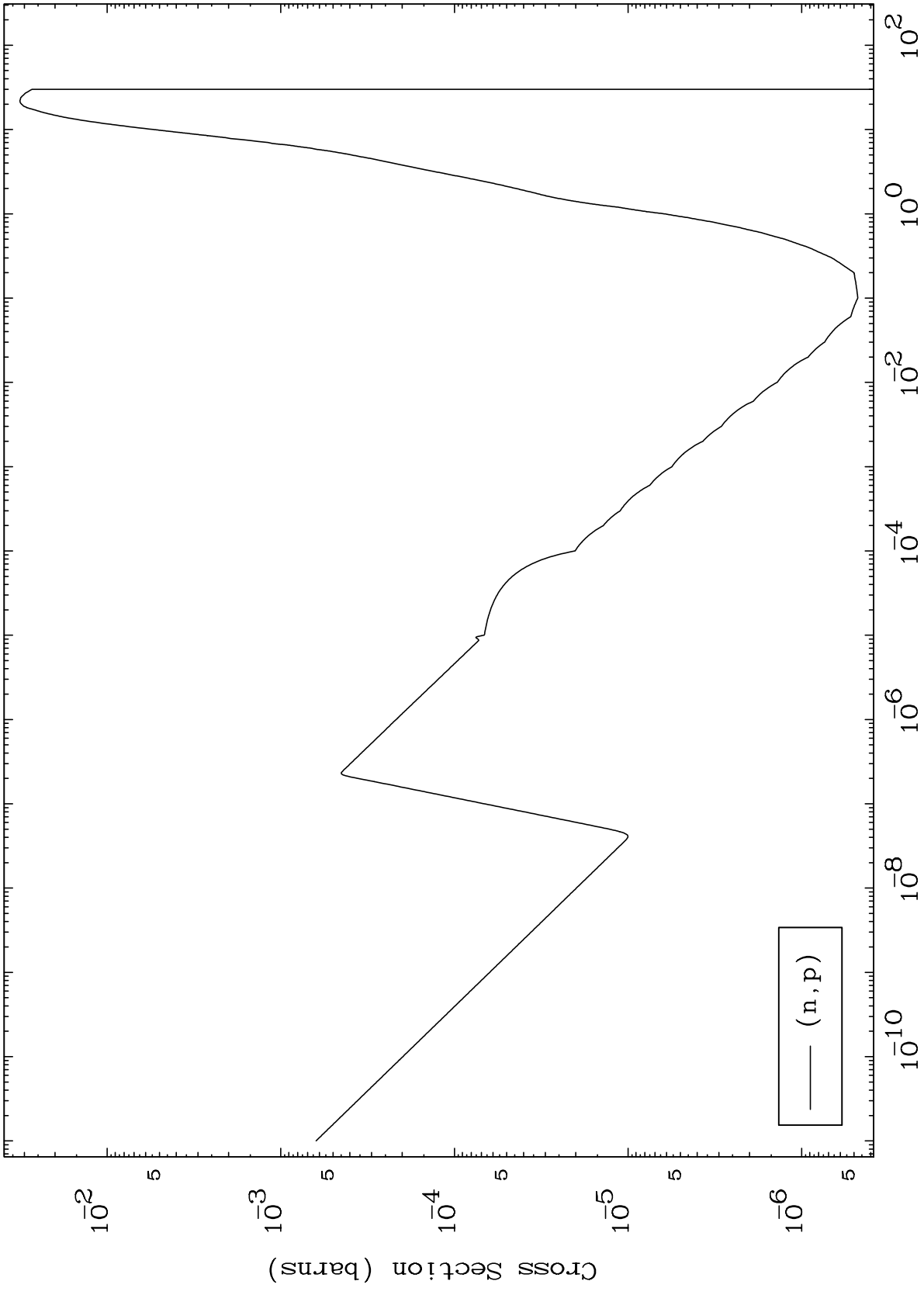
Incident Energy (MeV)

73-Ta-175

MAT 7310

(n,p) Levels
293 Kelvin Cross Sections

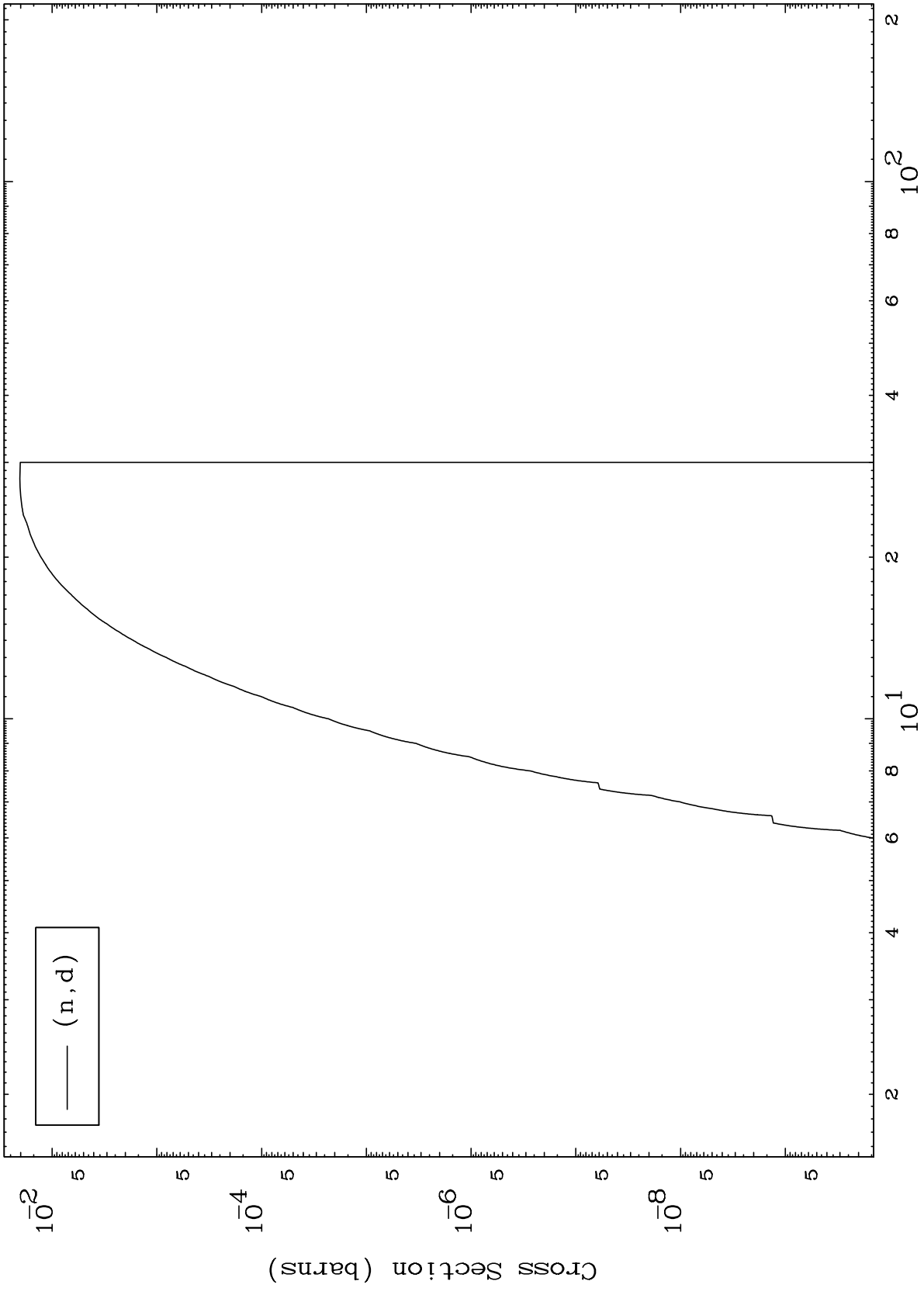
73-Ta-175



MAT 7310

(n,d) Levels
293 Kelvin Cross Sections

⁷³Ta-175



10

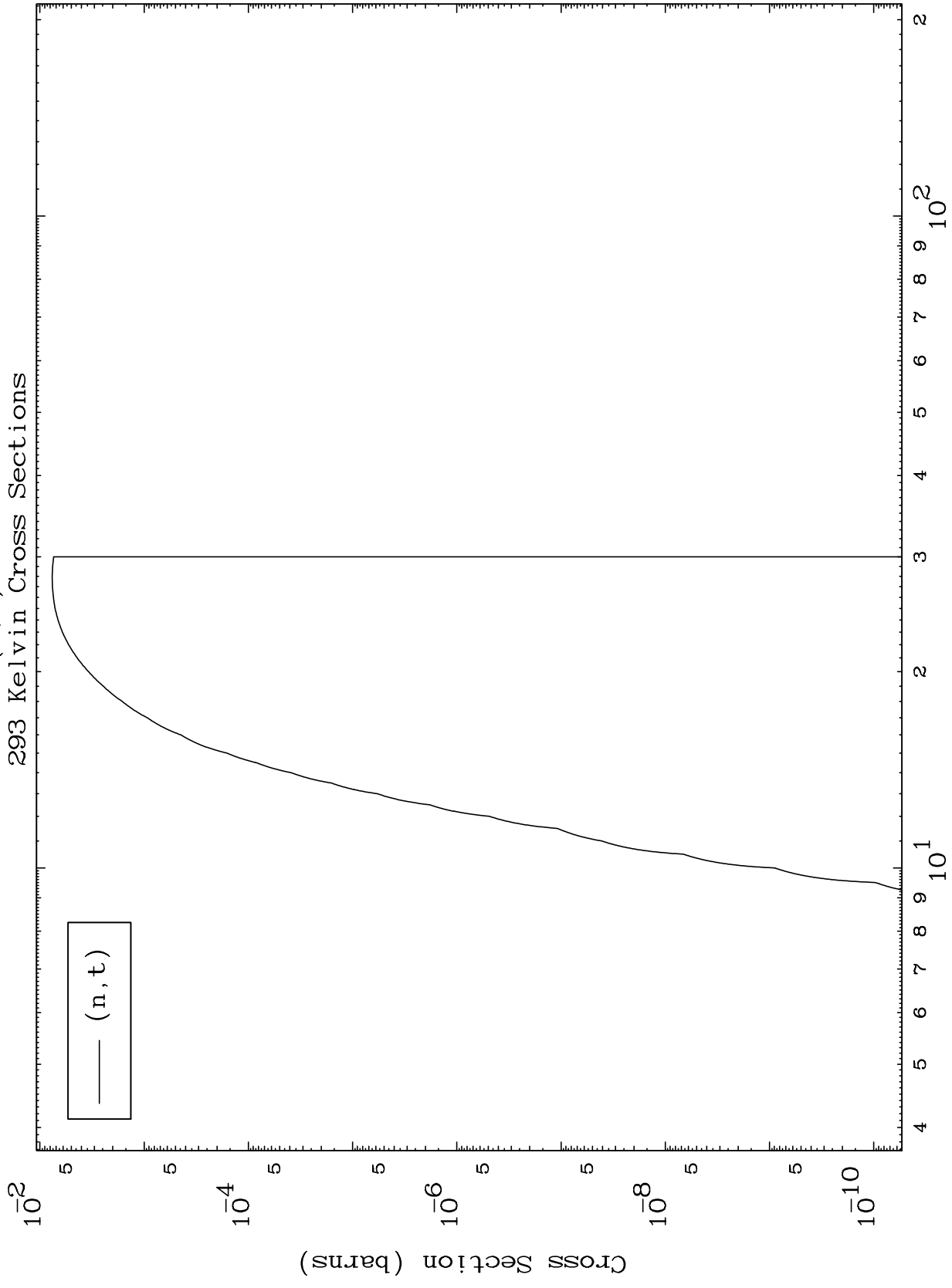
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-175



11

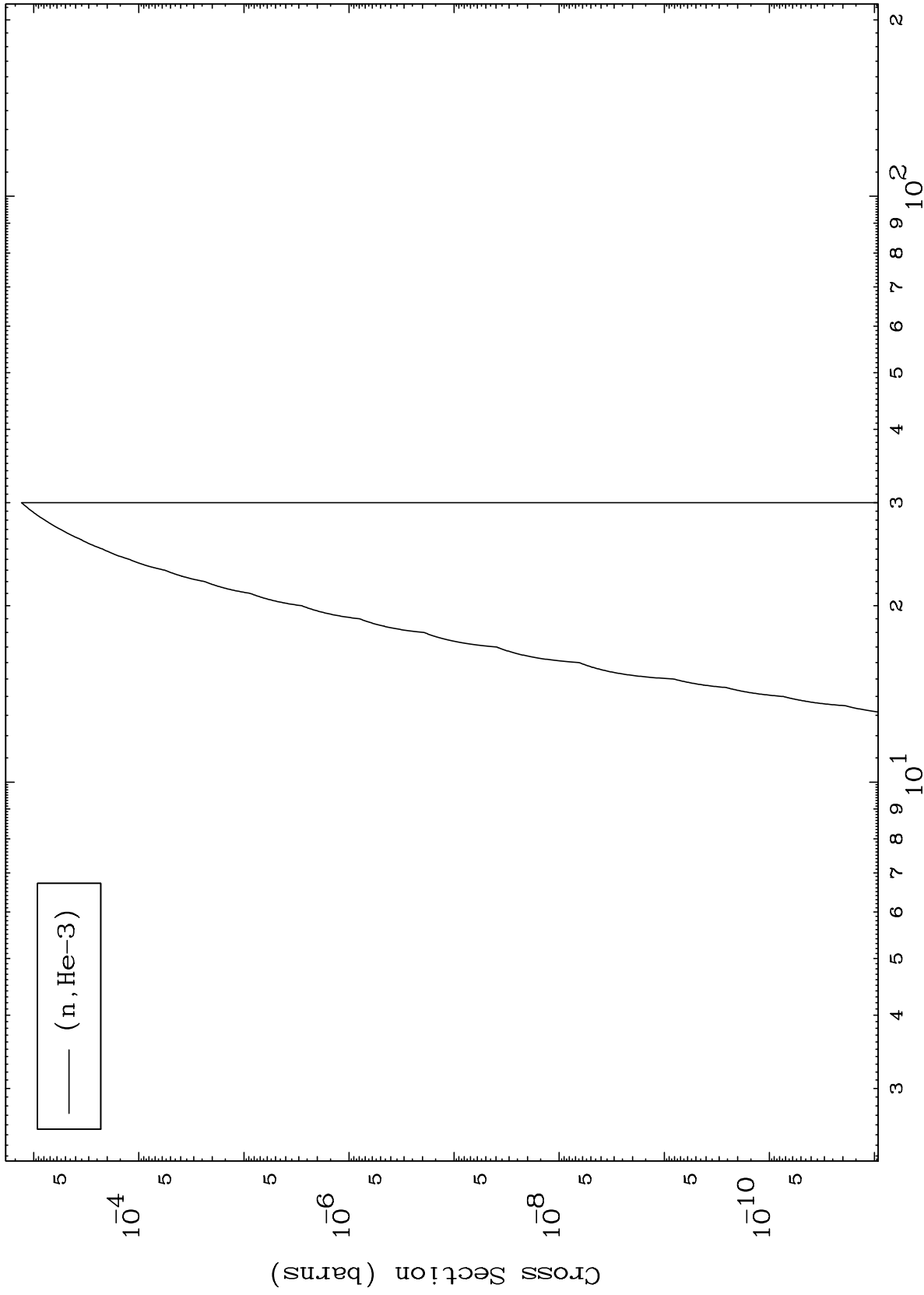
Incident Energy (MeV)

73-Ta-175

MAT 7310

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-175



12

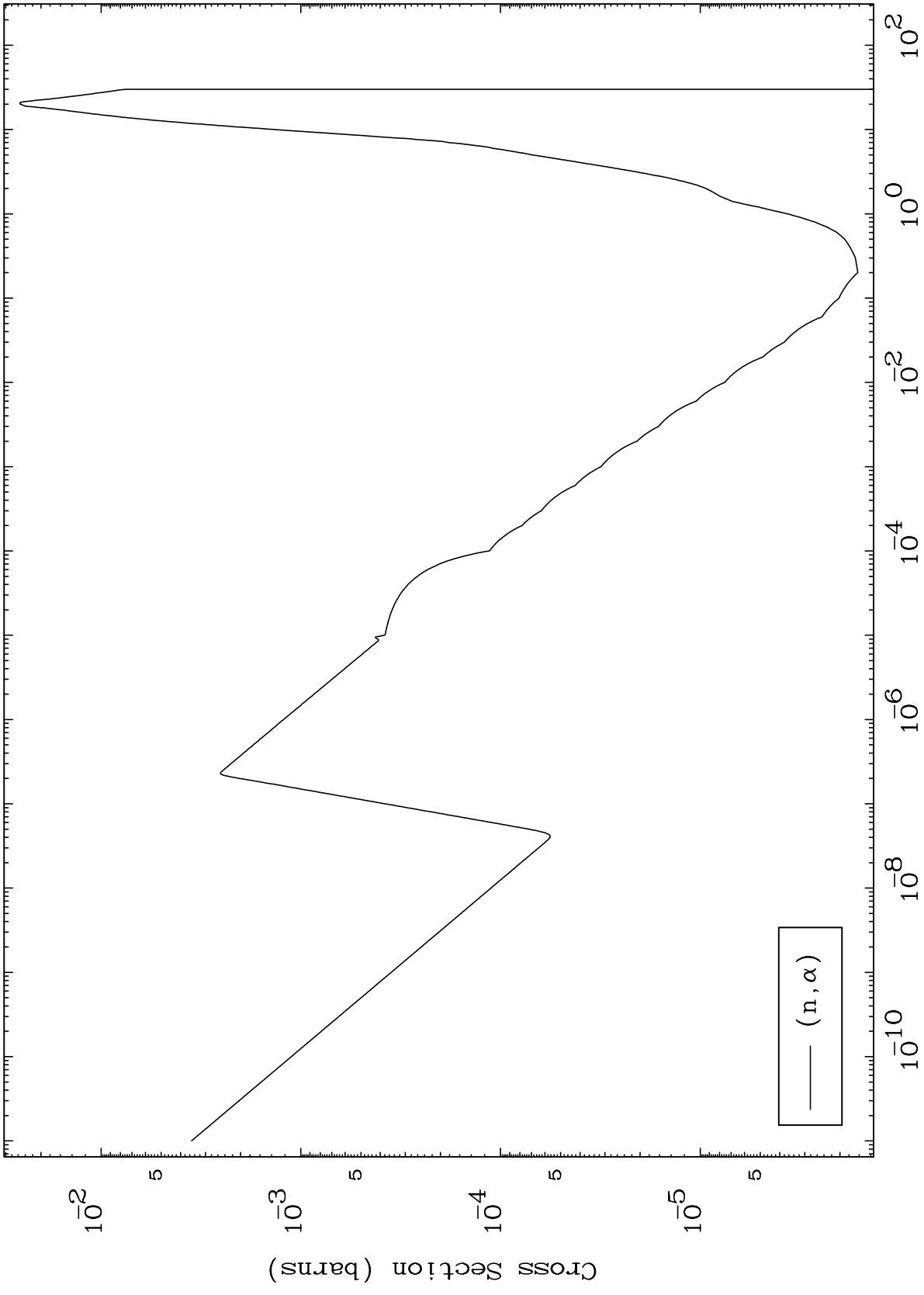
Incident Energy (MeV)

73-Ta-175

MAT 7310

(n,α) Levels
293 Kelvin Cross Sections

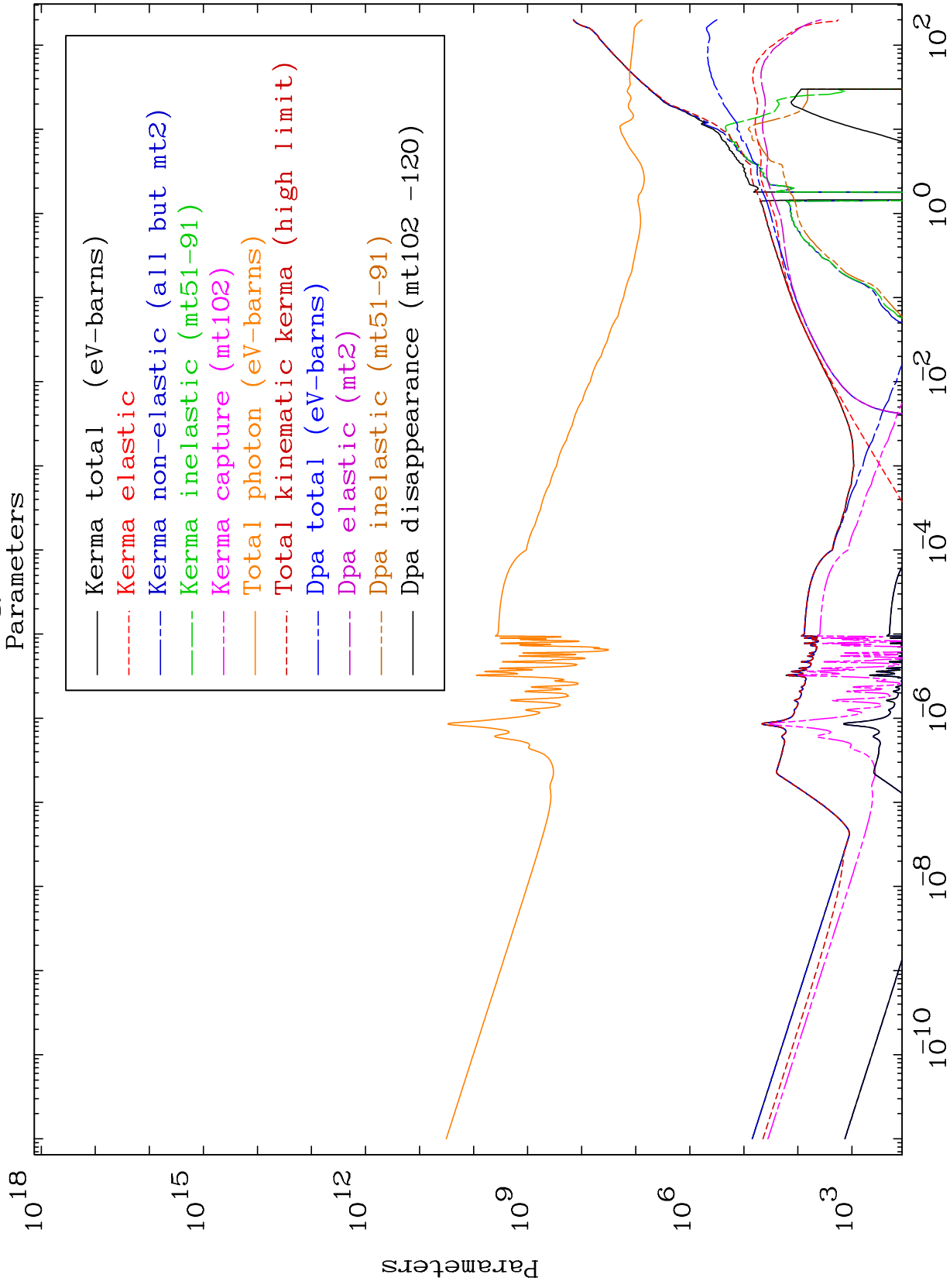
73-Ta-175

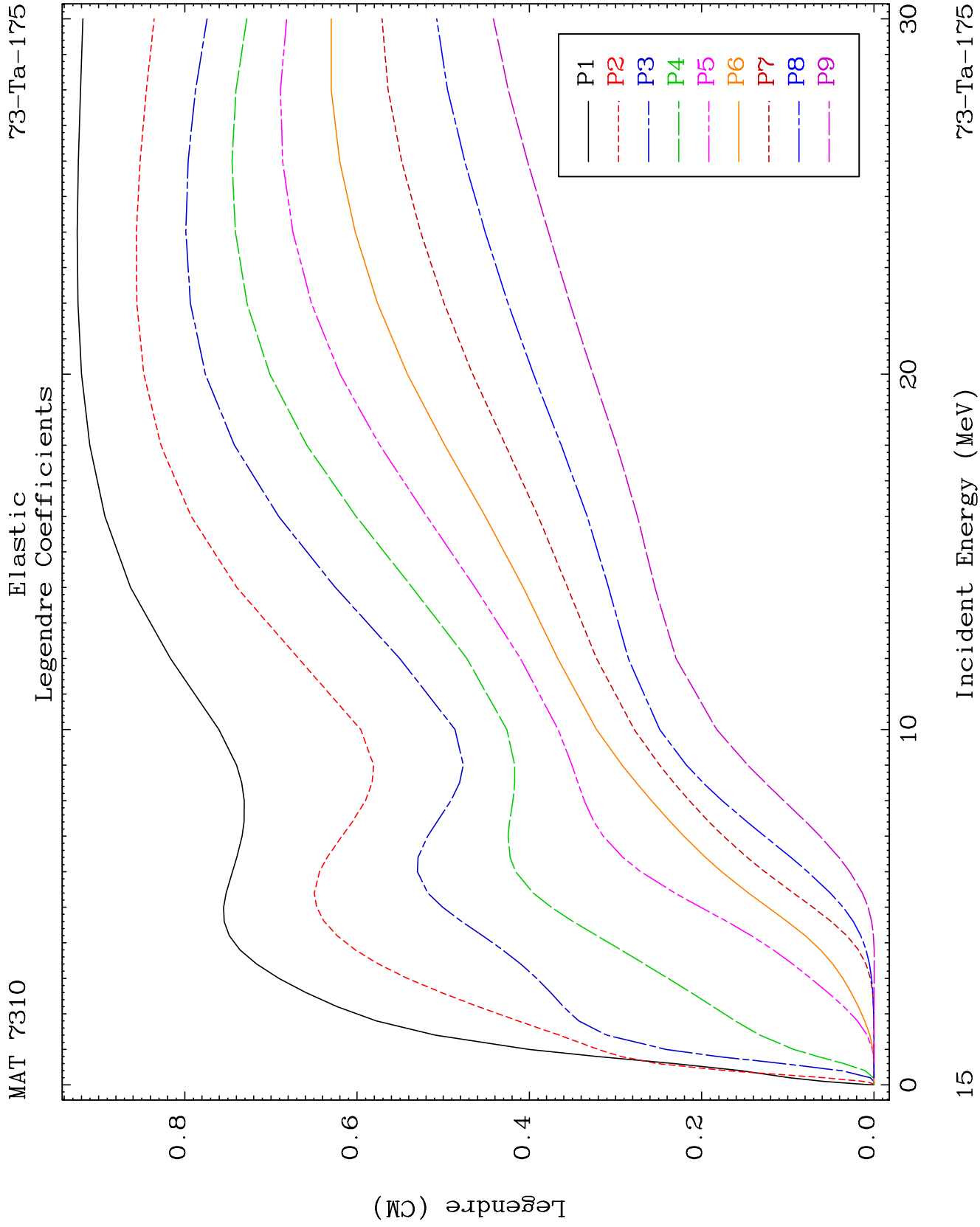


13

Incident Energy (MeV)

73-Ta-175

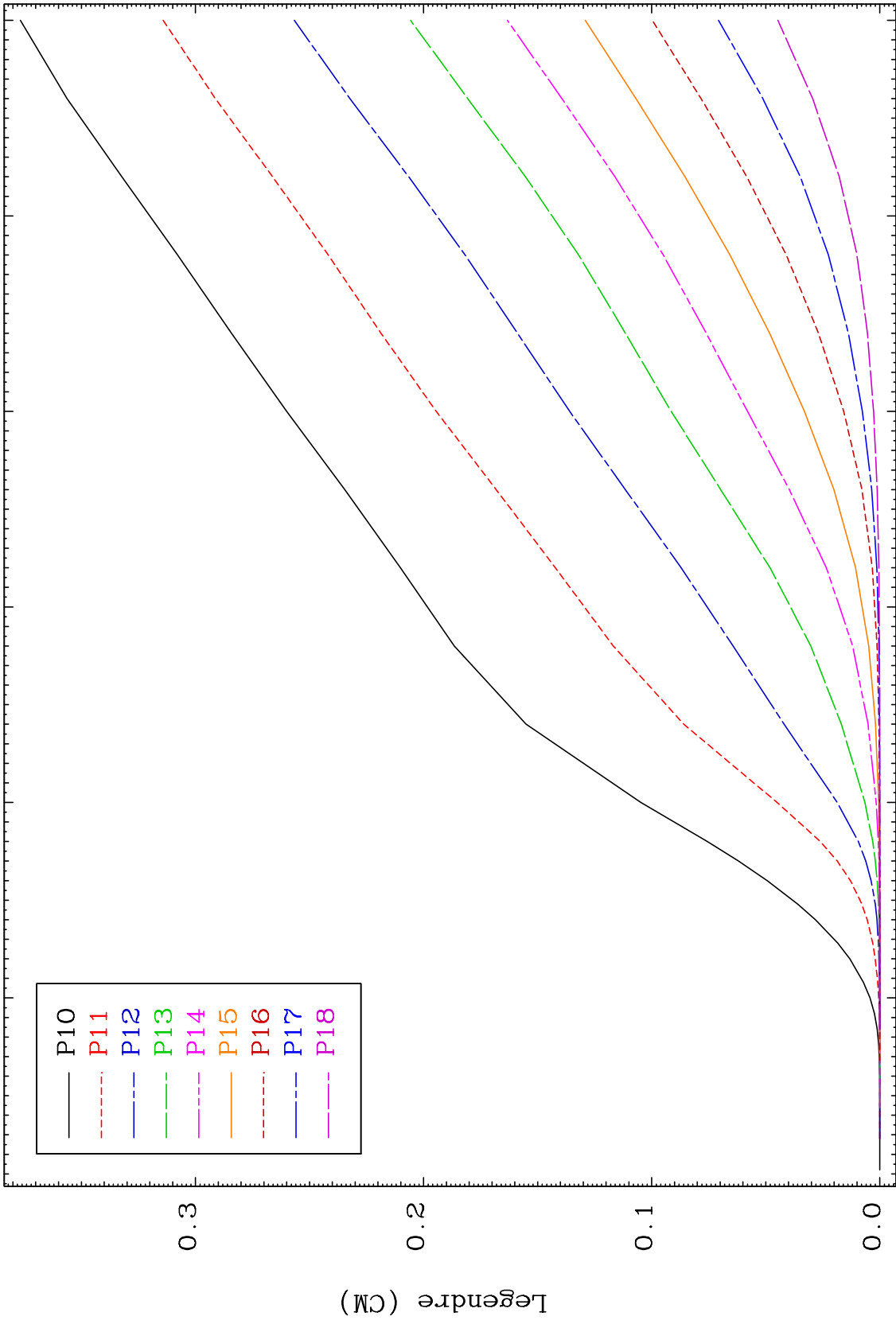




MAT 7310

Elastic Legendre Coefficients

⁷³Ta-¹⁷⁵



16

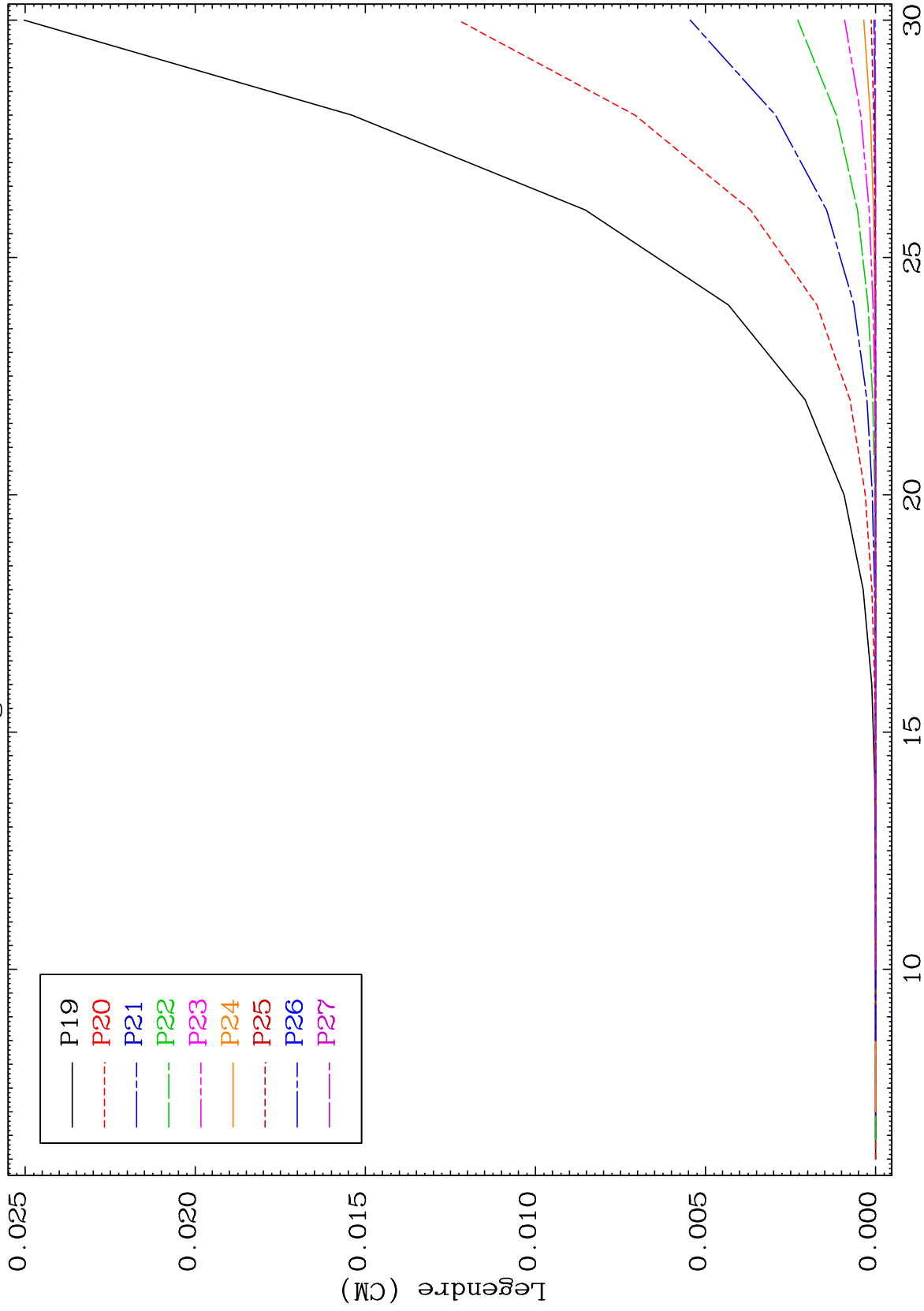
Incident Energy (MeV)

⁷³Ta-¹⁷⁵

MAT 7310

Elastic Legendre Coefficients

⁷³Ta-175



17

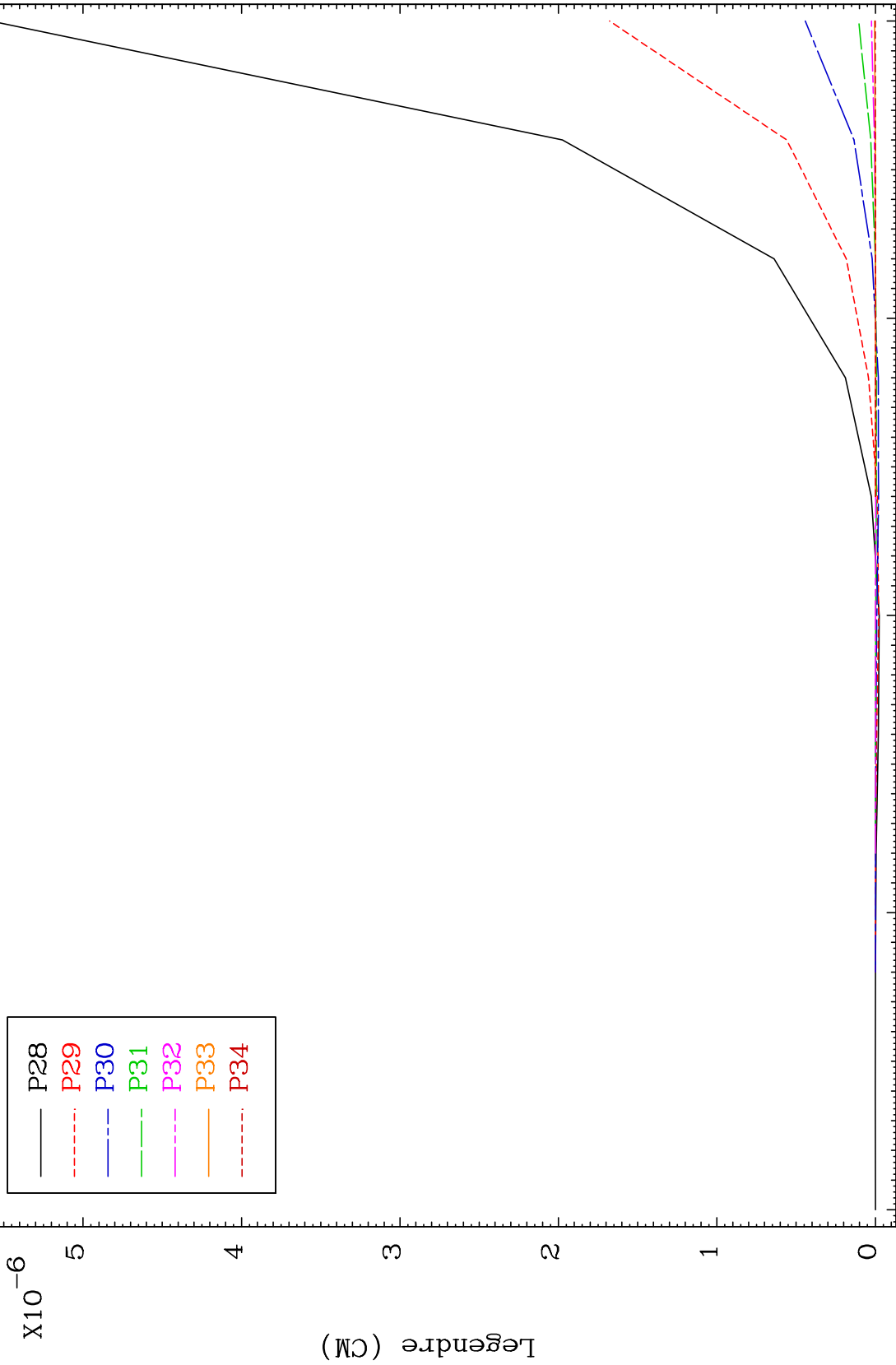
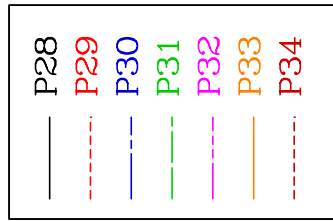
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

Elastic Legendre Coefficients

⁷³Ta-175



18

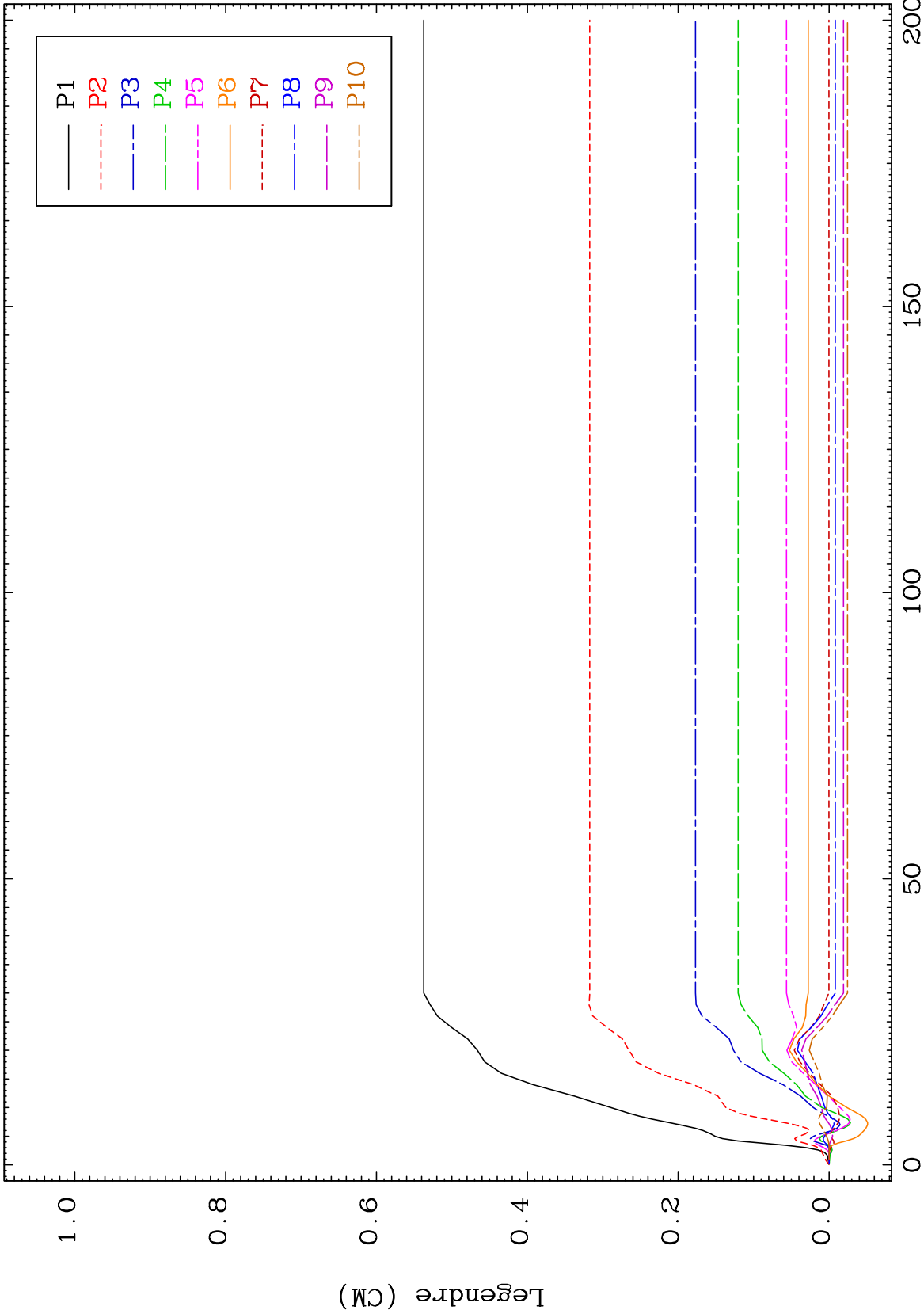
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

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

73-Ta-175



19

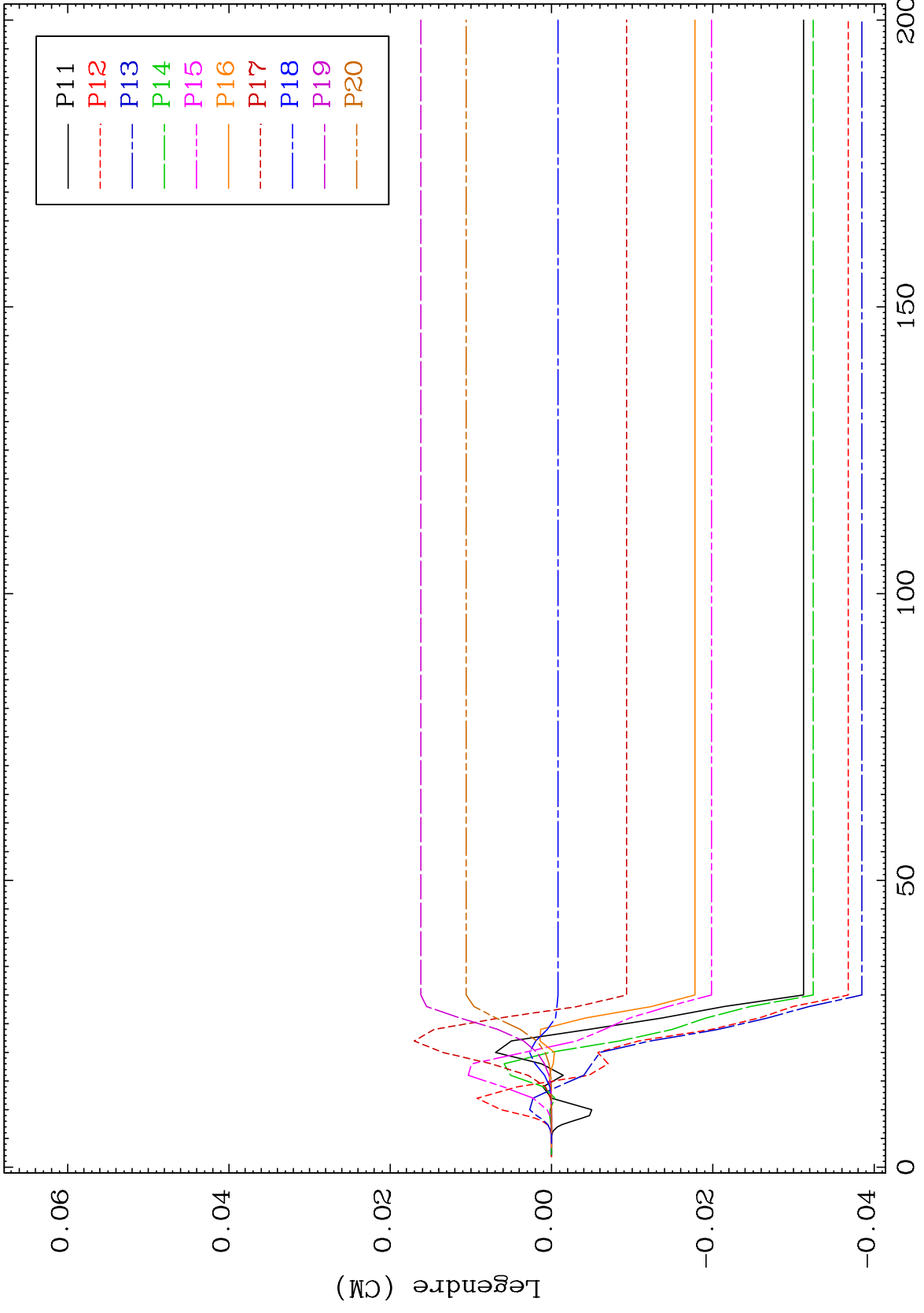
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



20

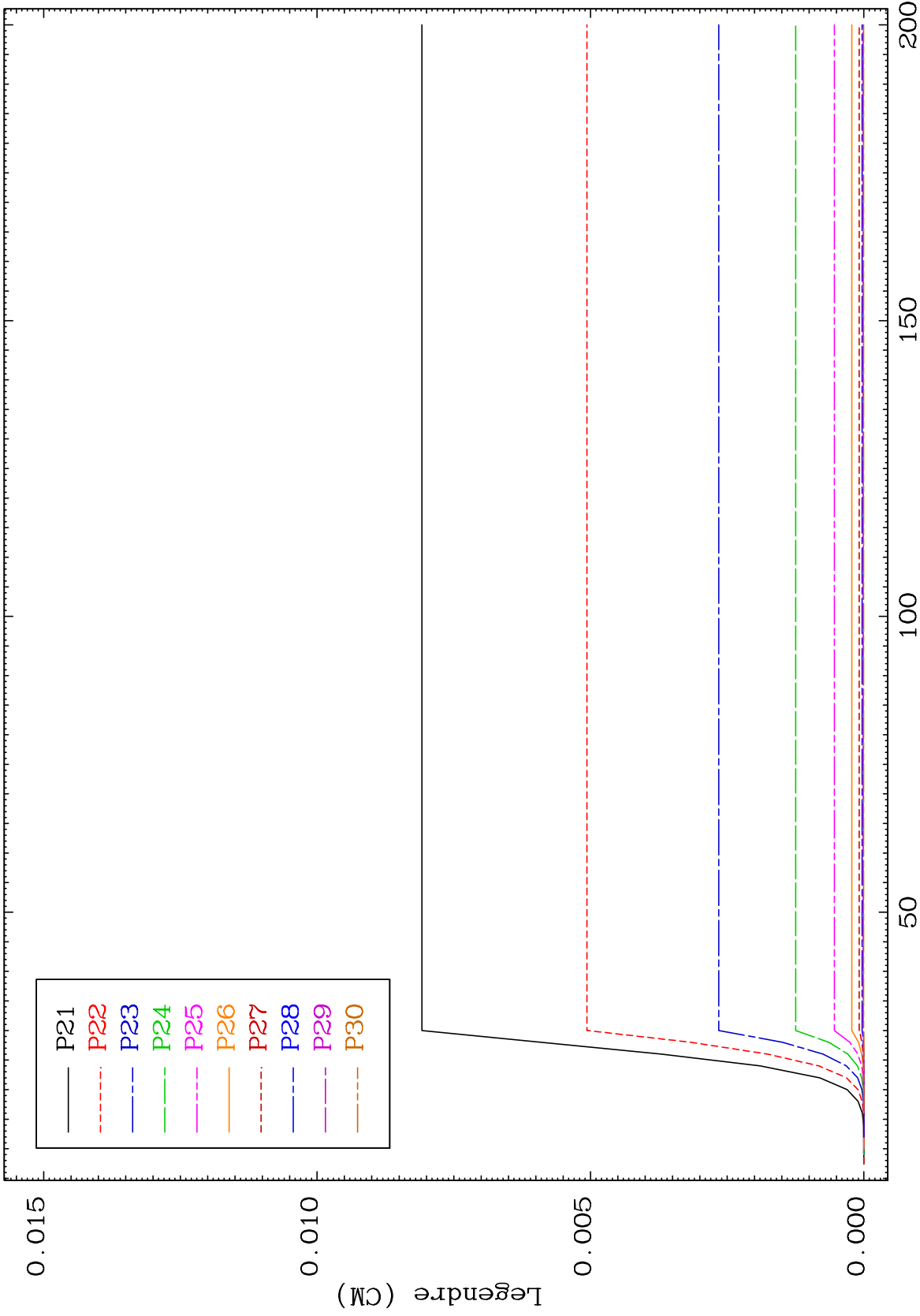
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



21

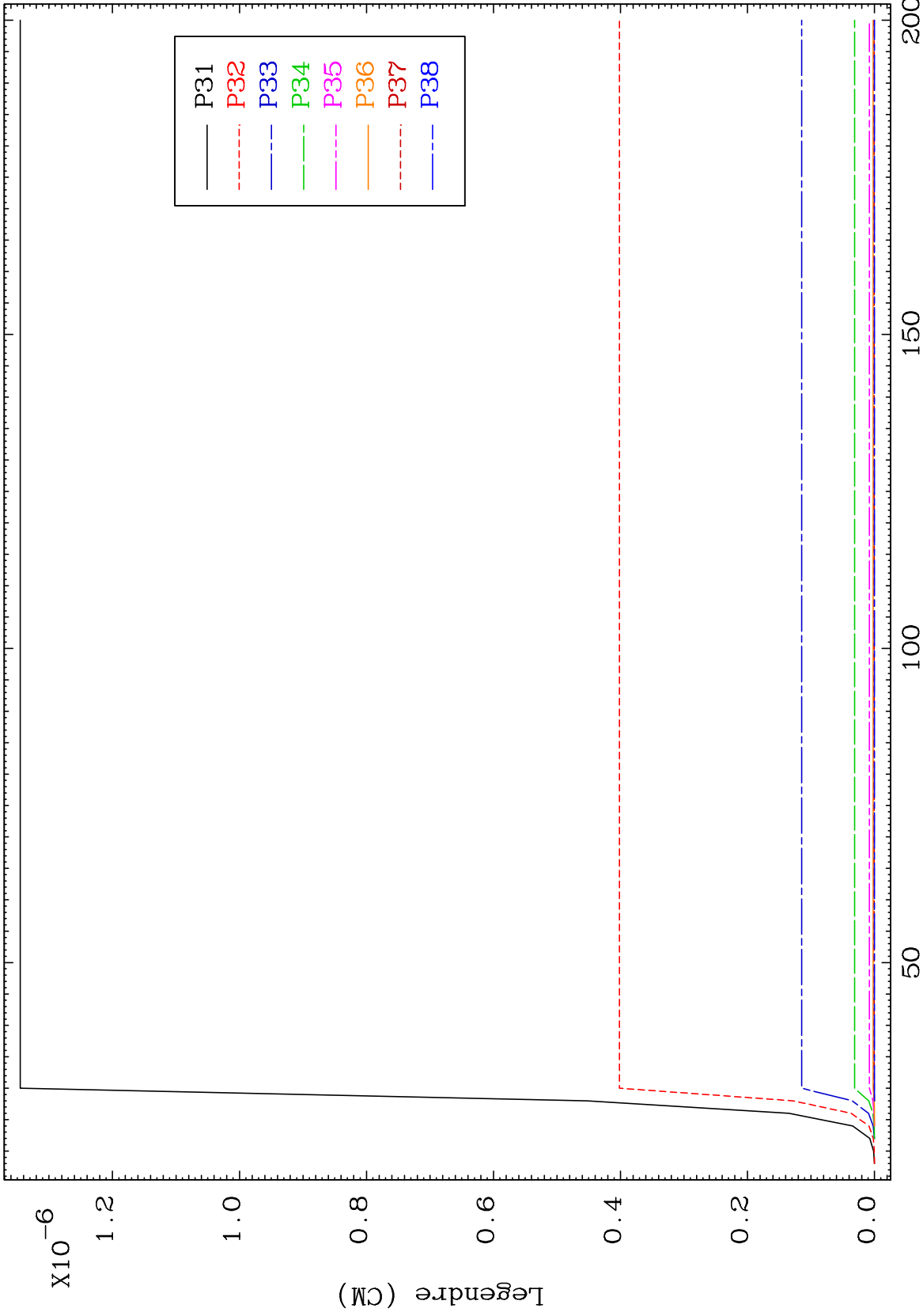
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



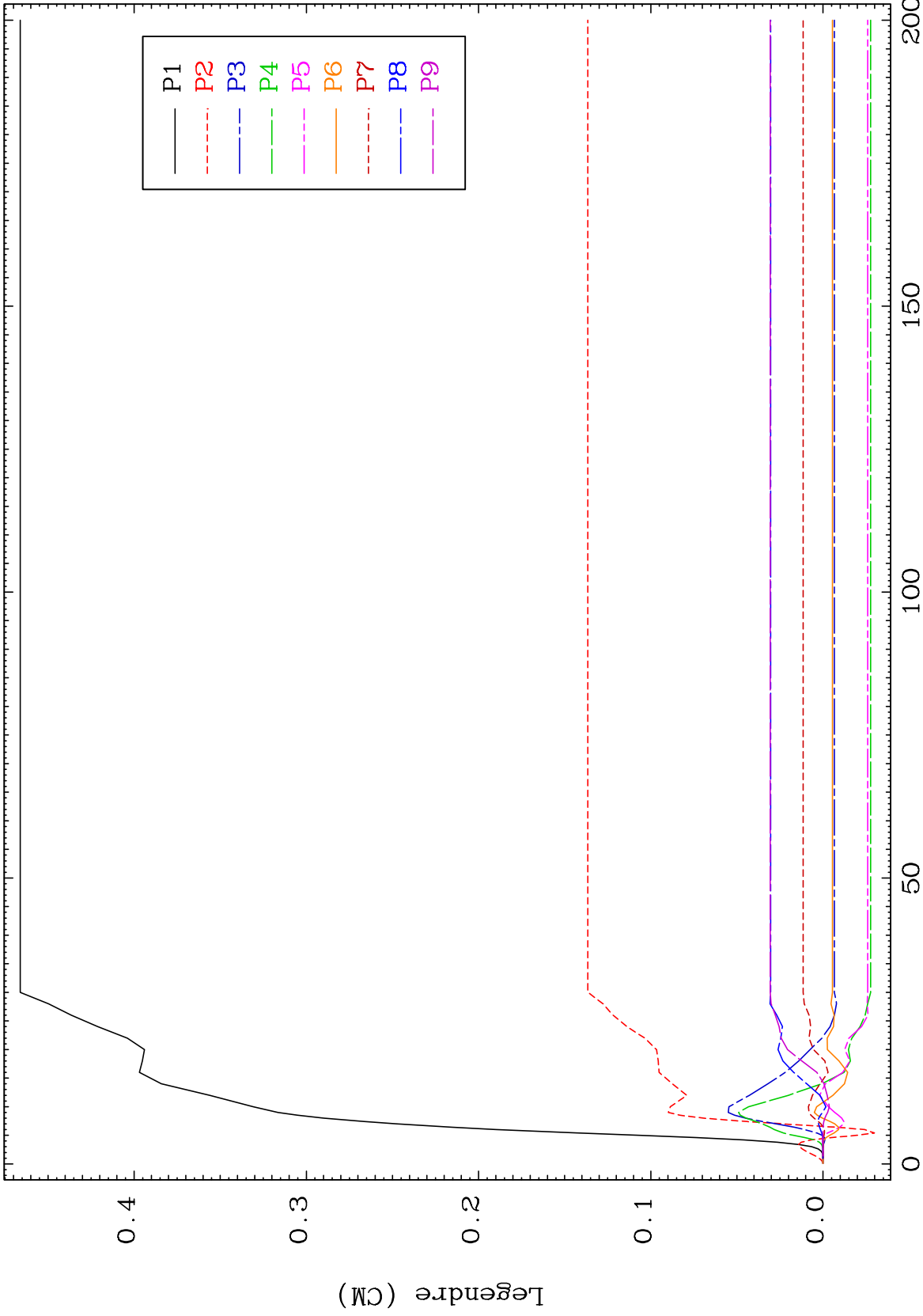
22

73-Ta-175

MAT 7310

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

73-Ta-175



23

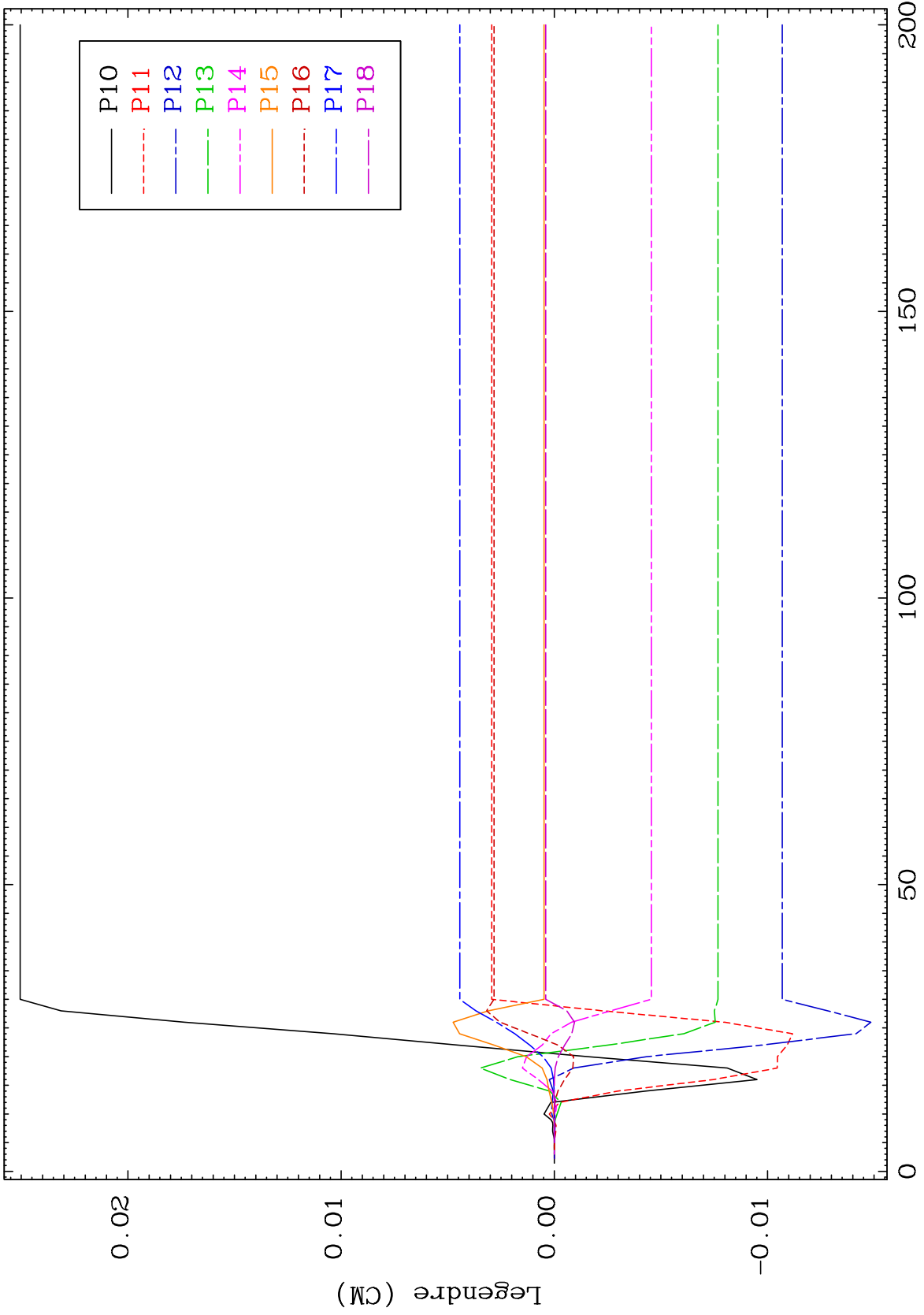
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



24

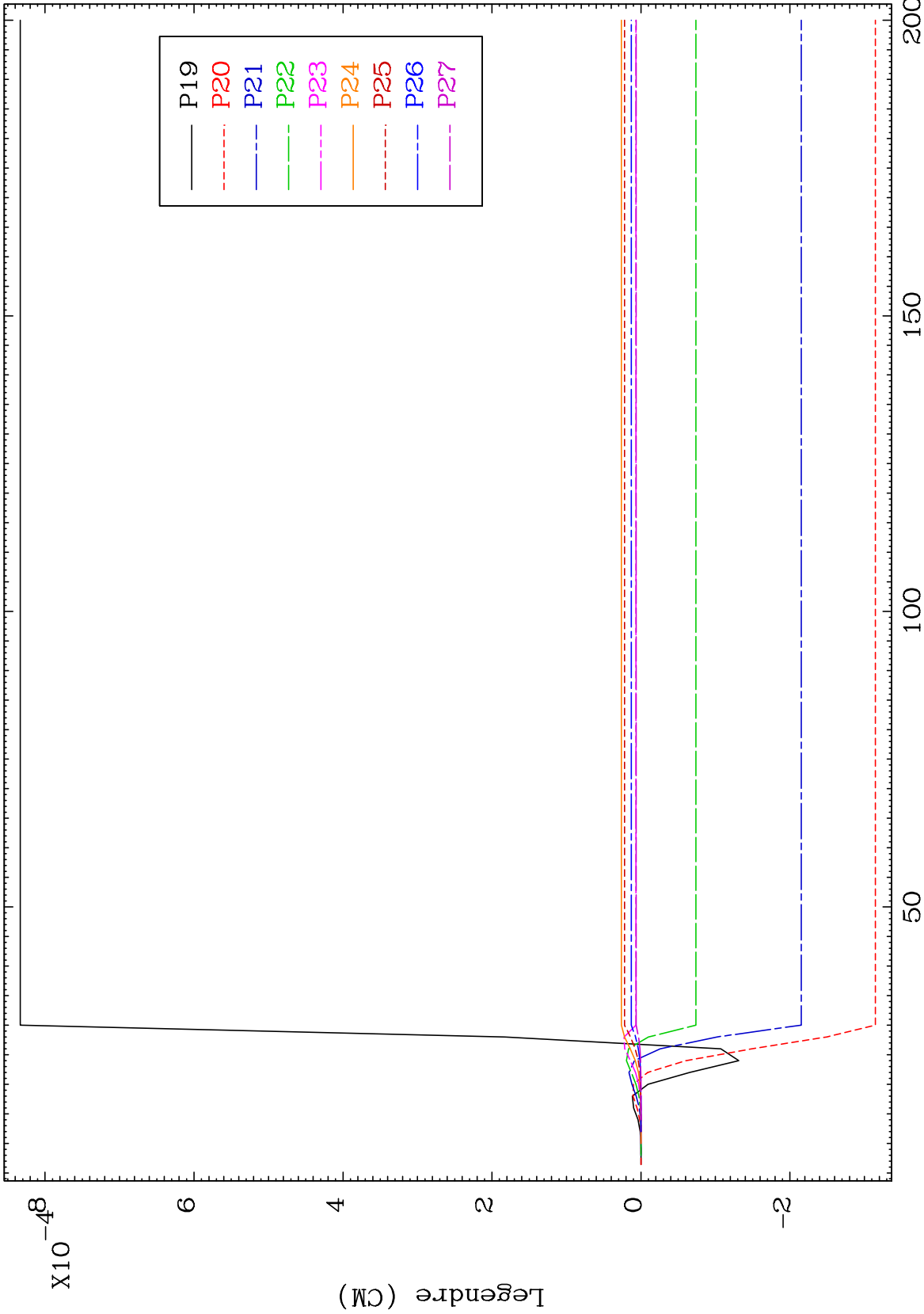
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



25

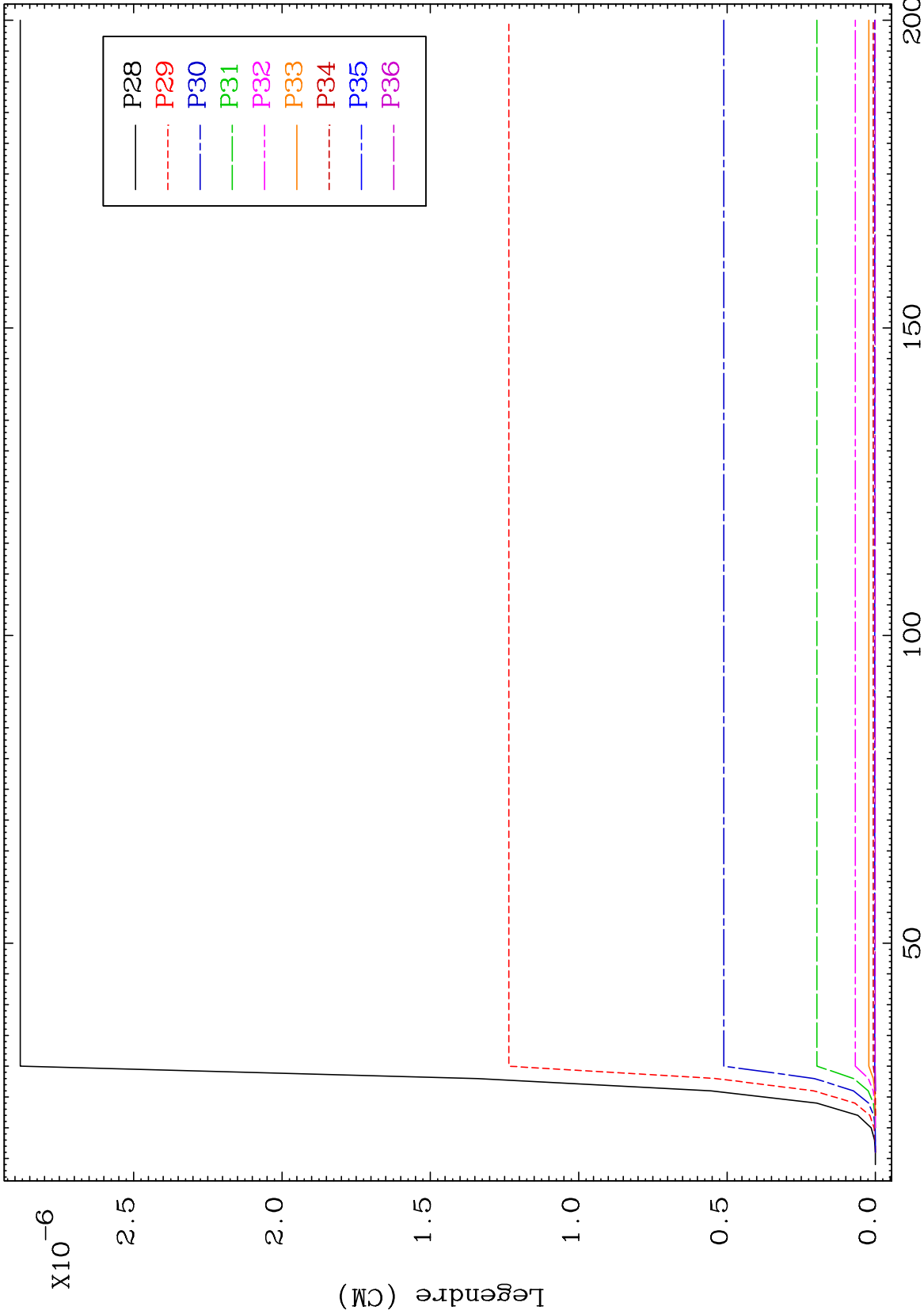
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



26

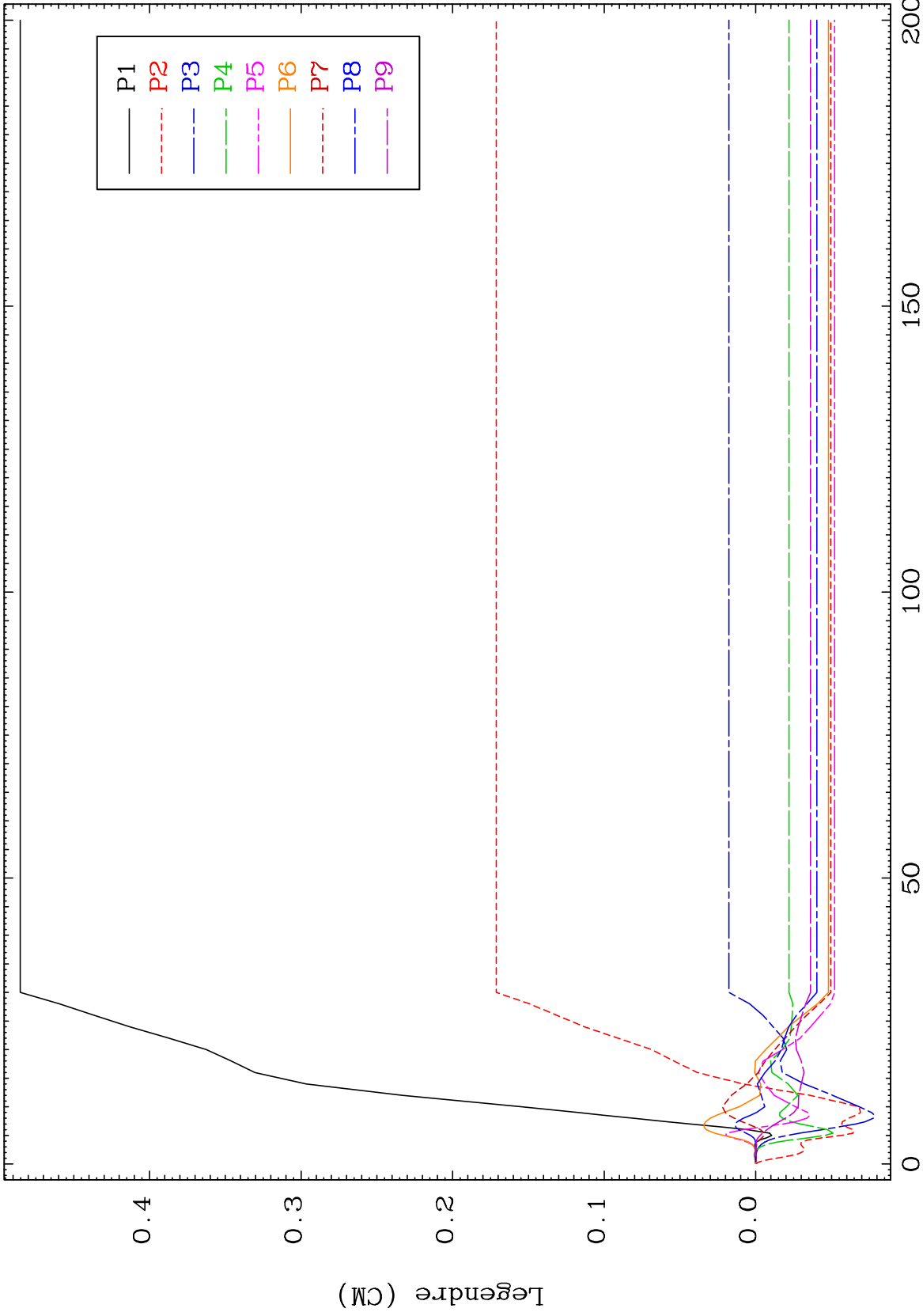
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



27

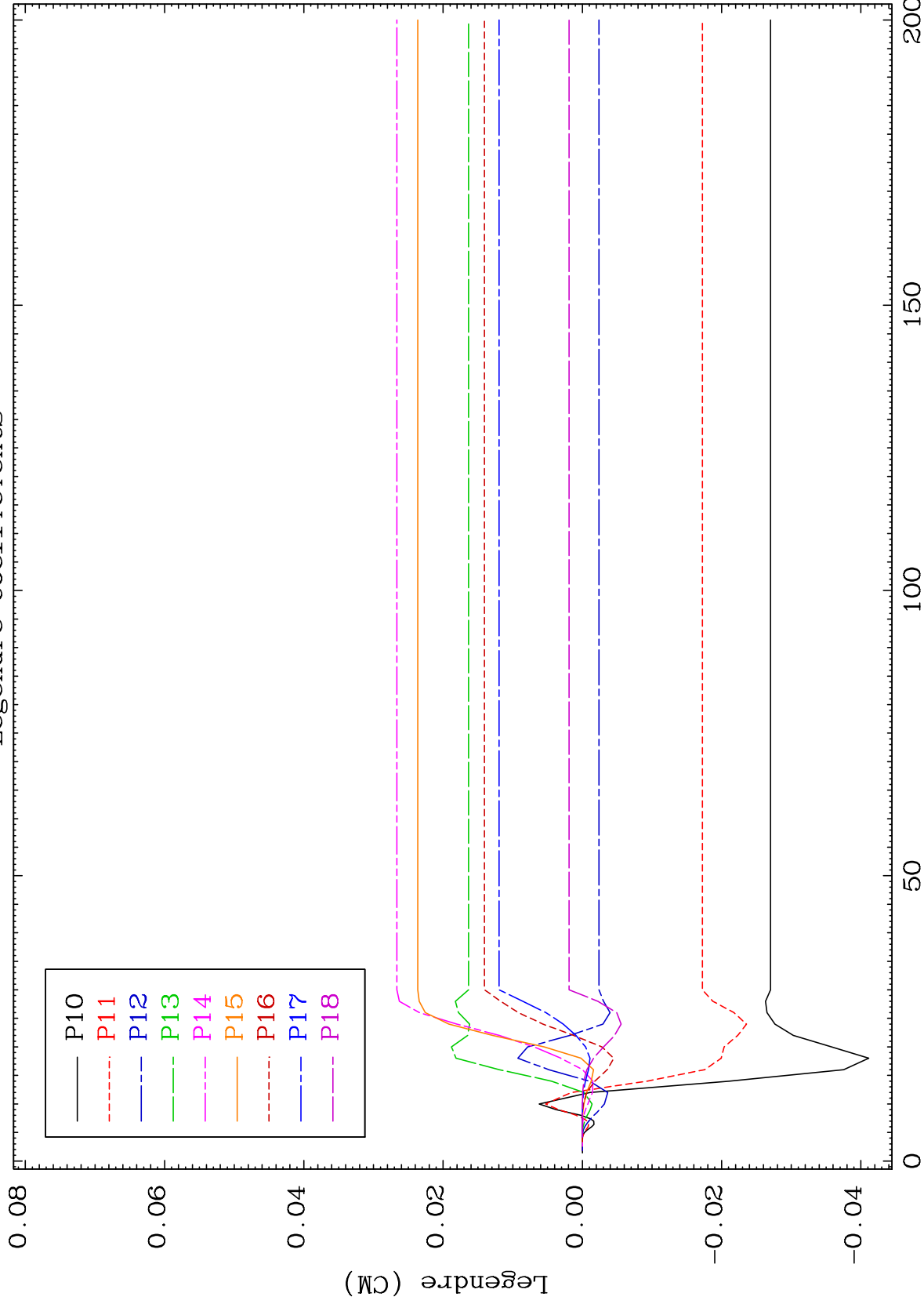
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



28

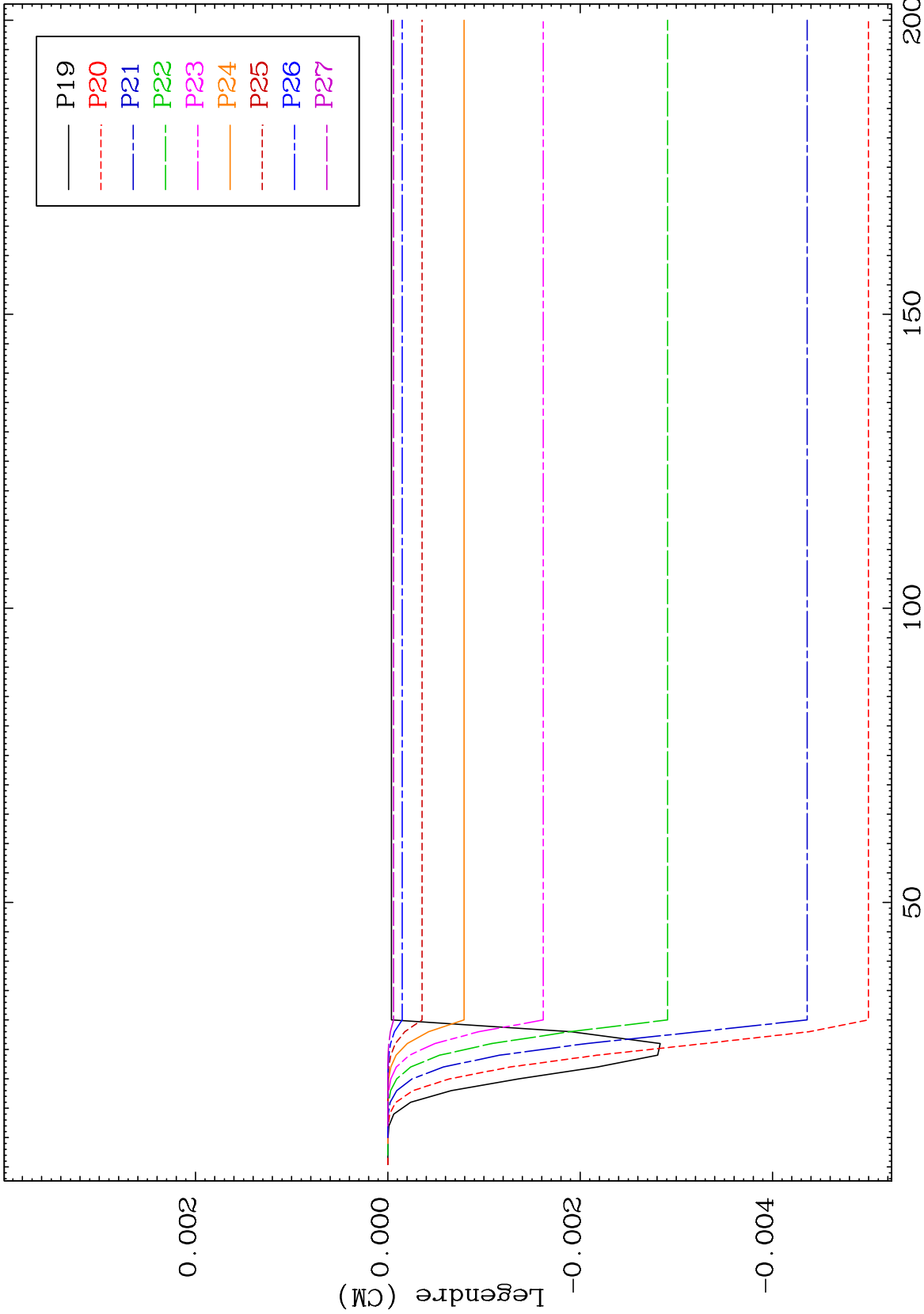
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



29

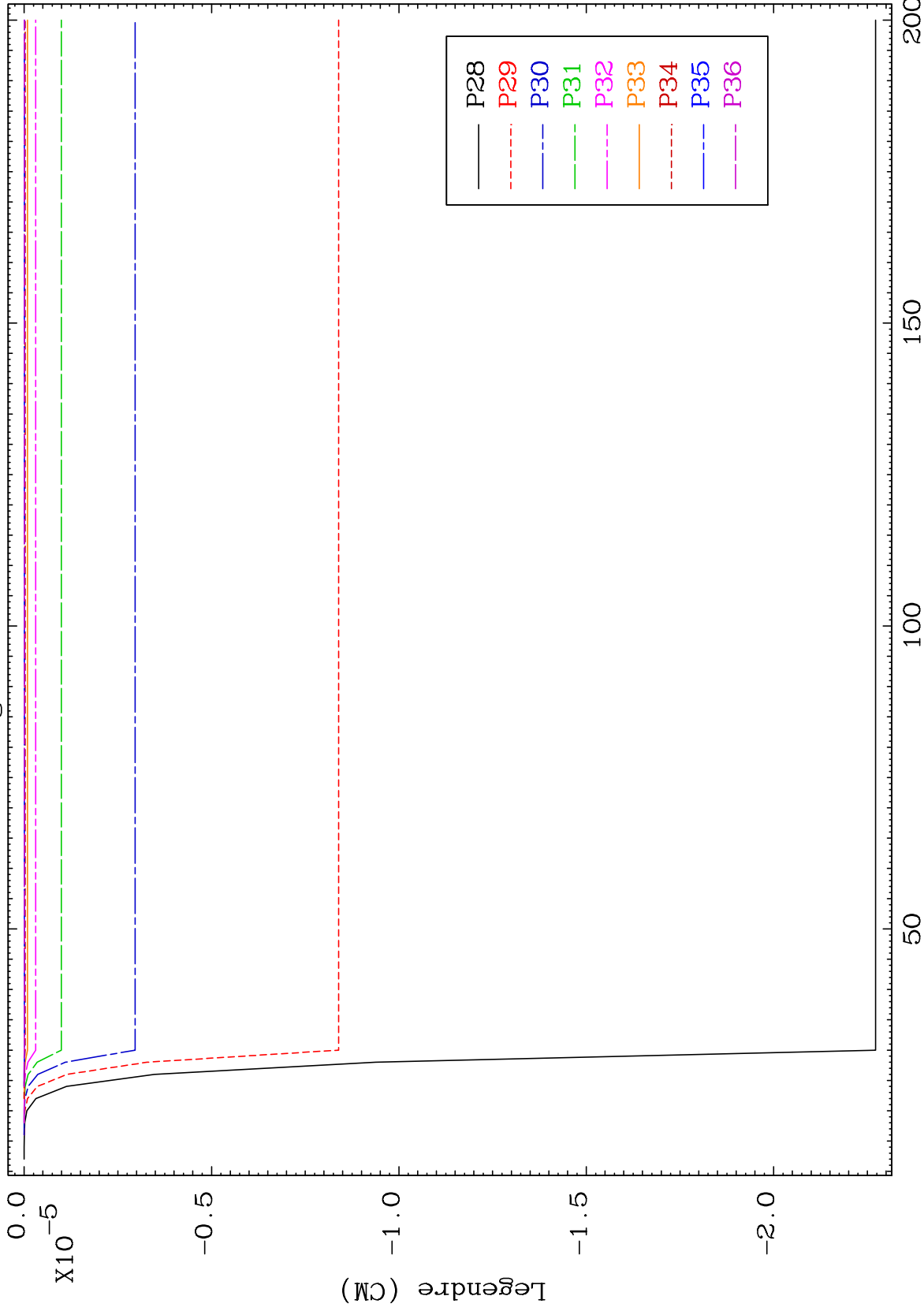
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175

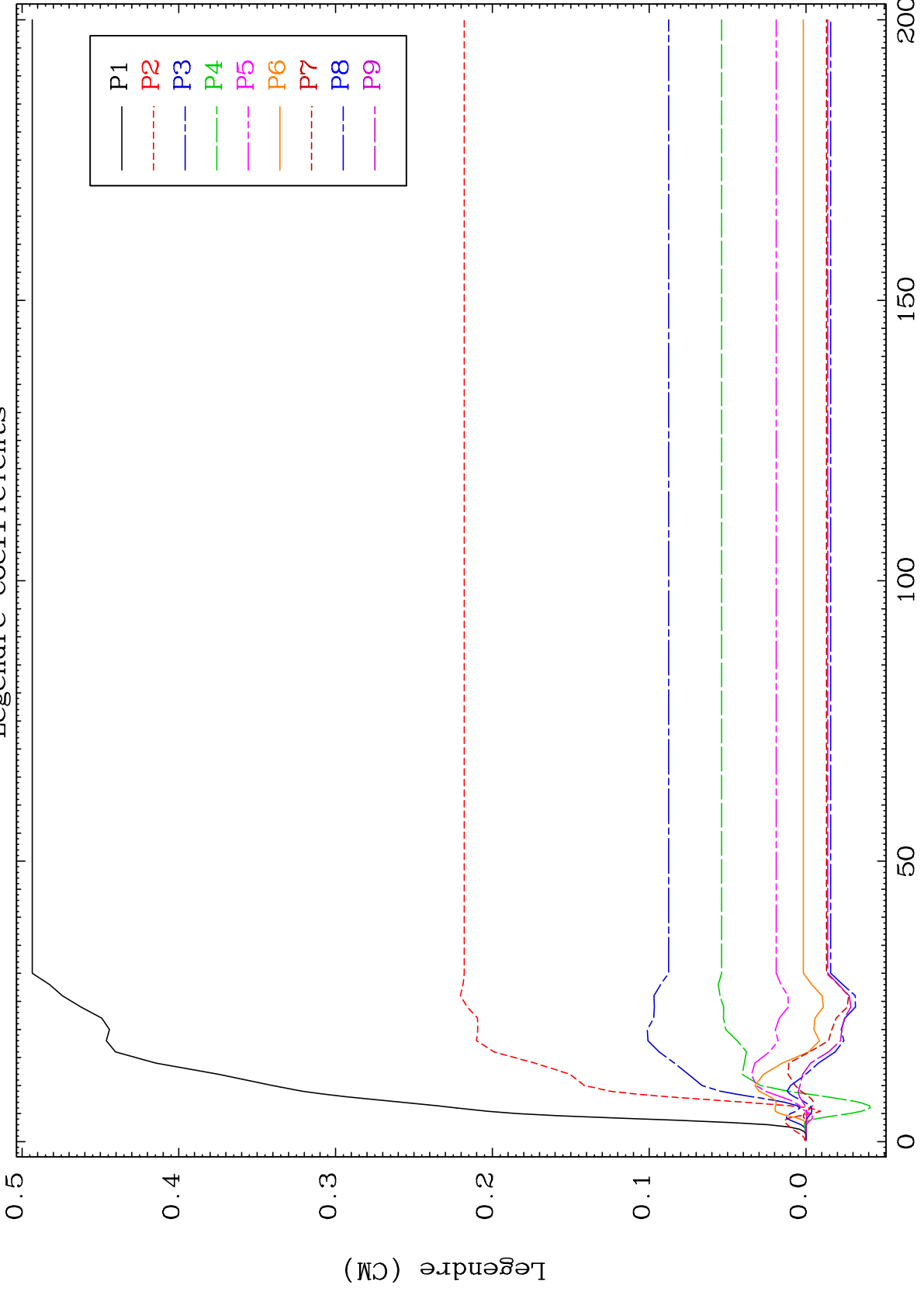


73-Ta-175

Incident Energy (MeV)

30

MAT 7310 MT= 54 (n,n') Level Legendre Coefficients 73-Ta-175

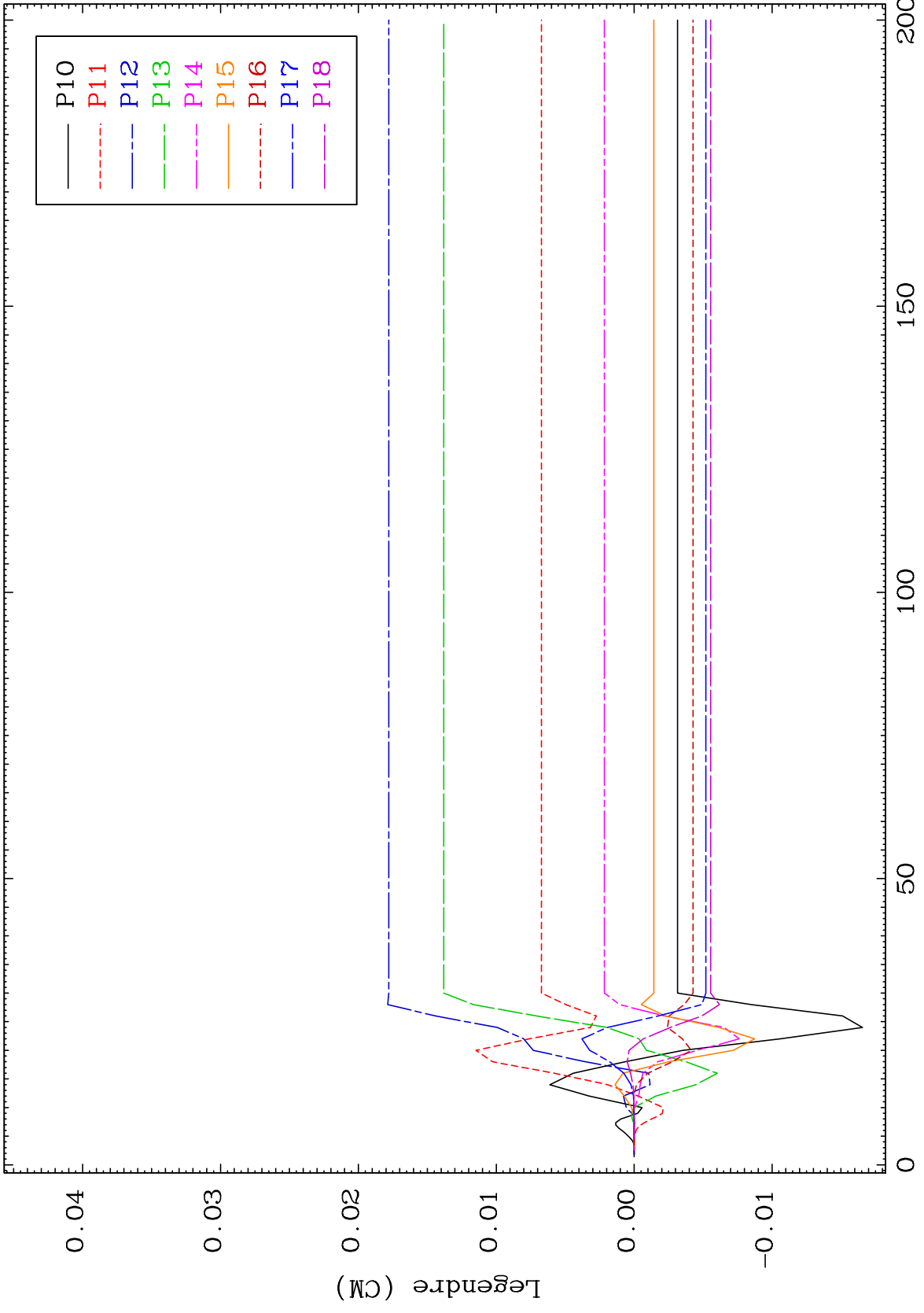


31 73-Ta-175

MAT 7310

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

73-Ta-175



32

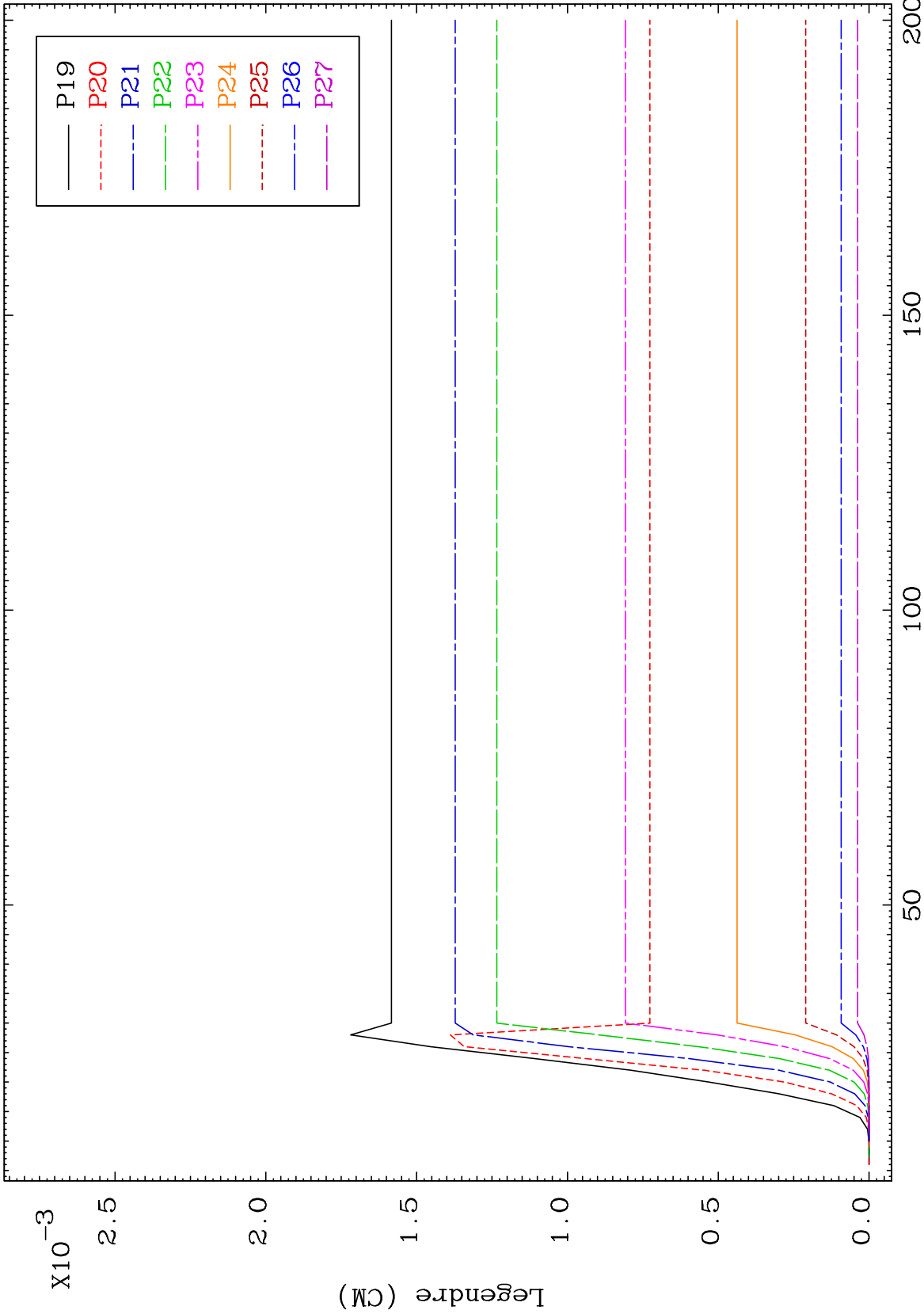
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



33

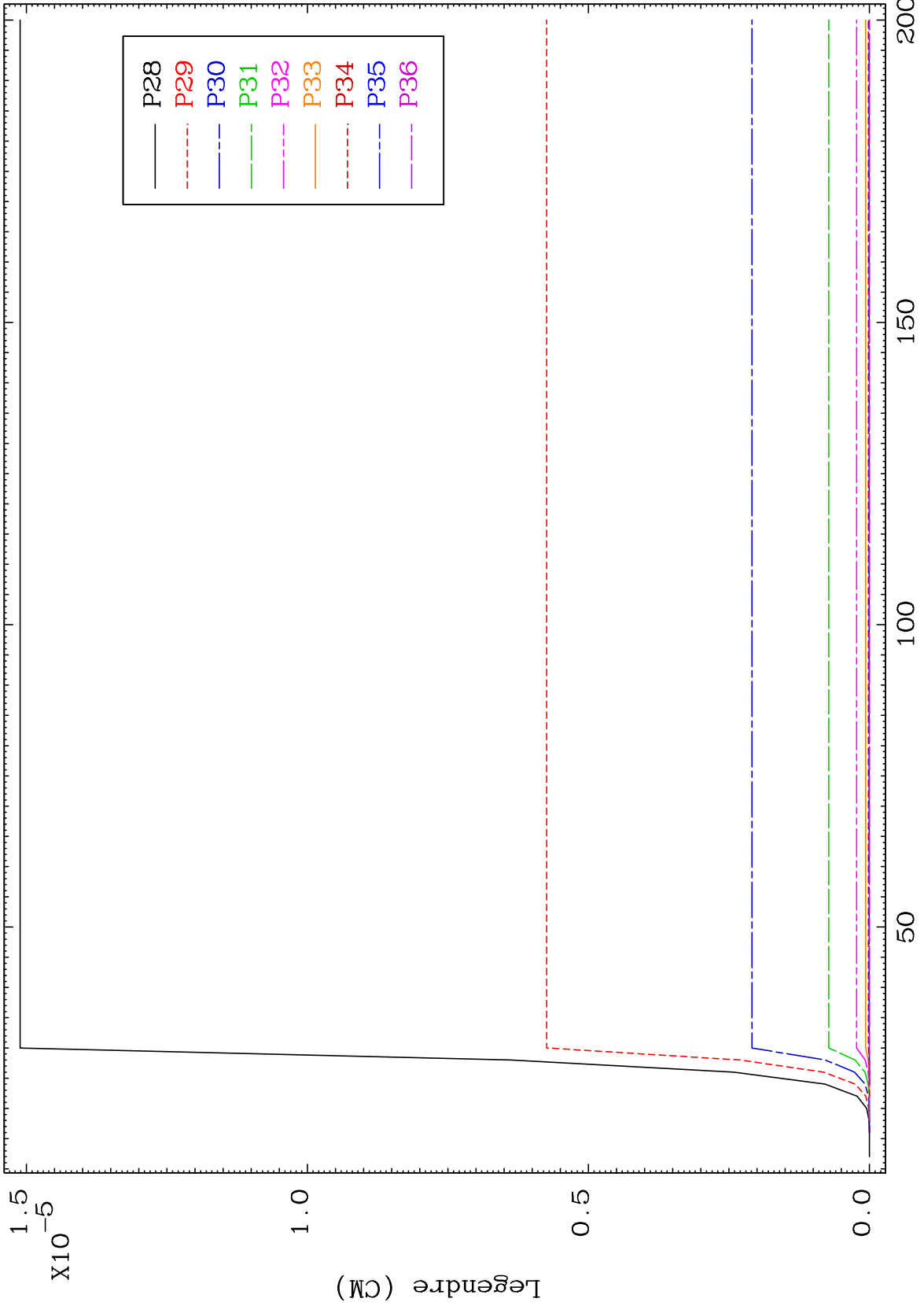
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



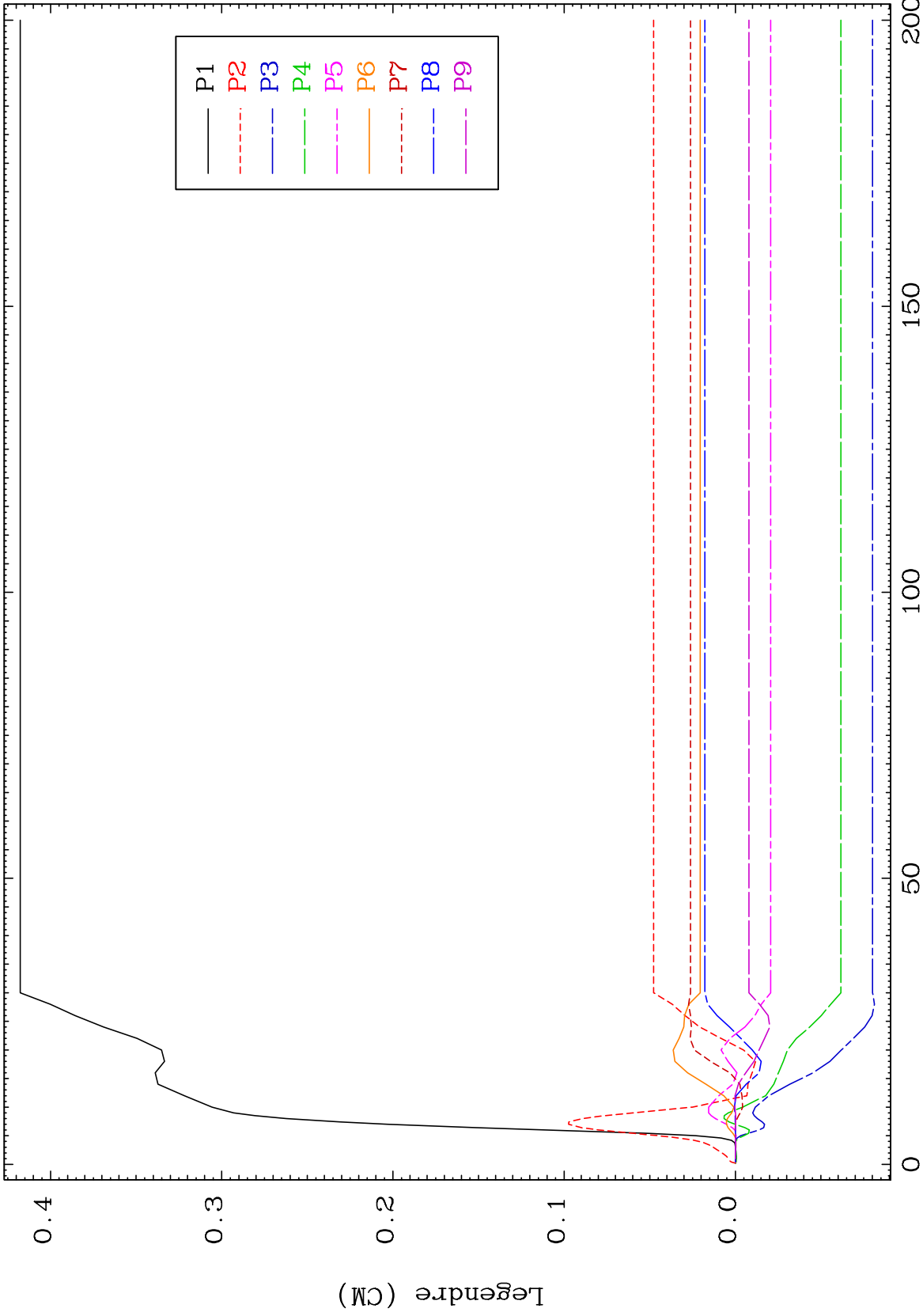
34

73-Ta-175

MAT 7310

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

73-Ta-175



35

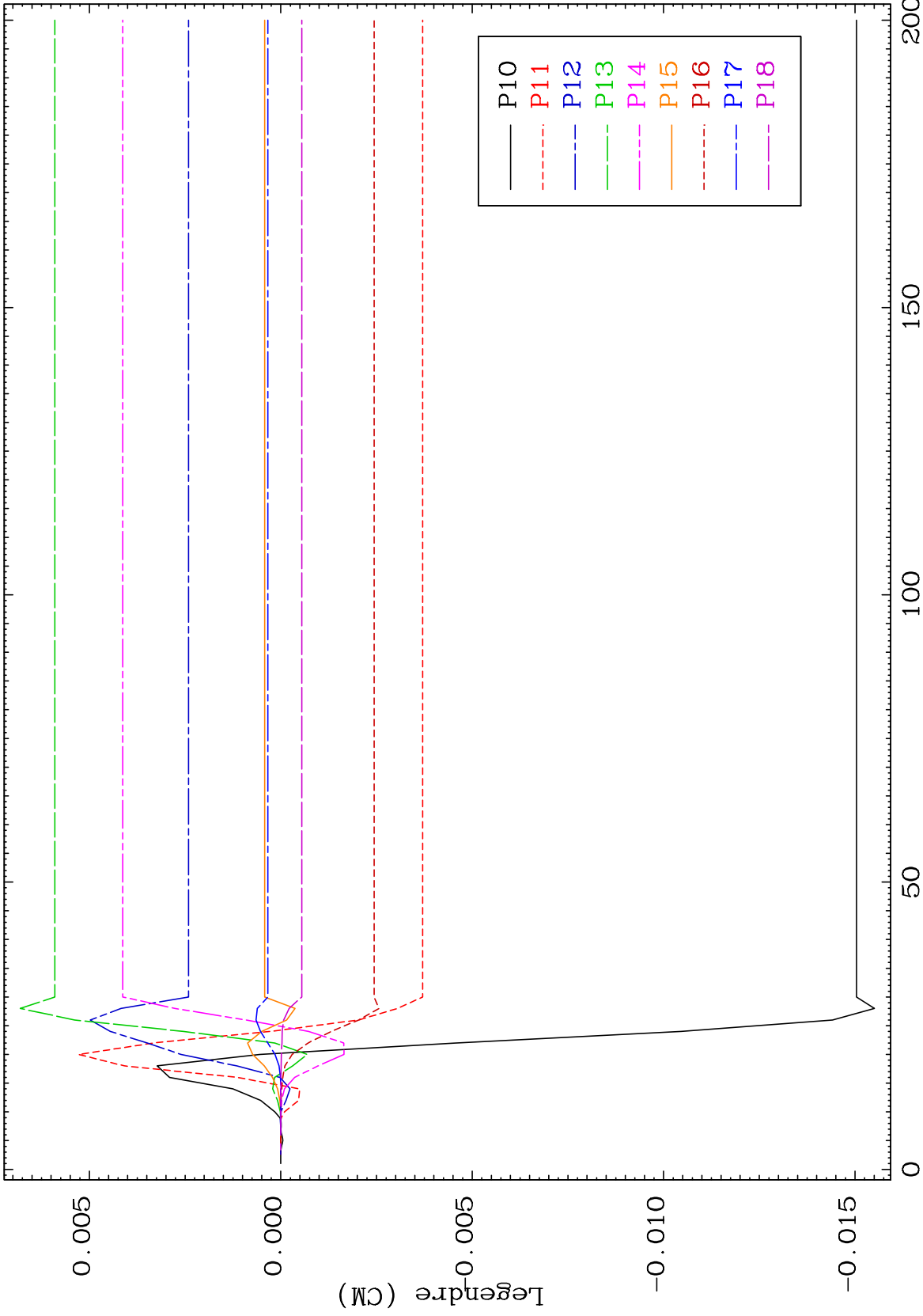
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



36

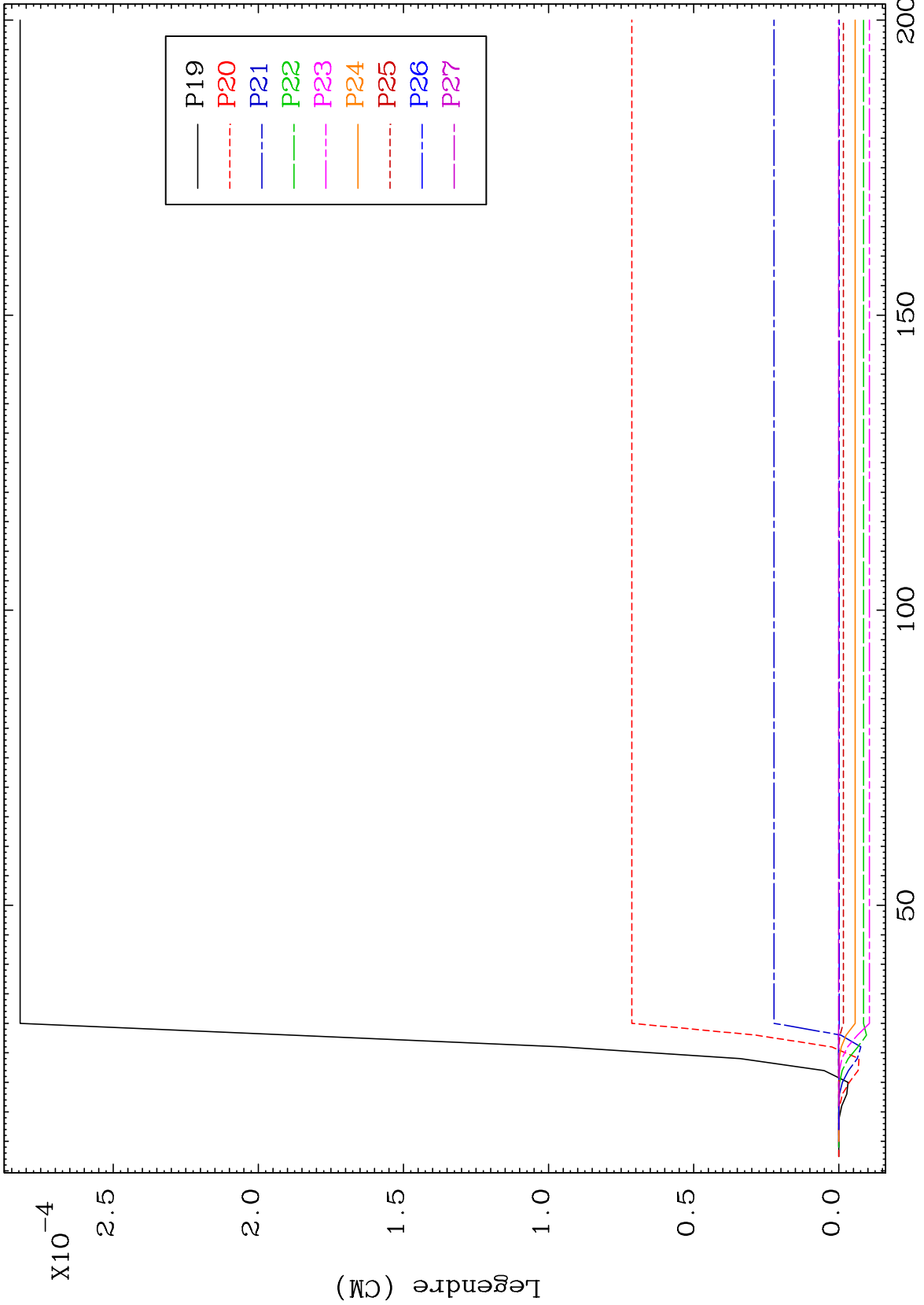
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



37

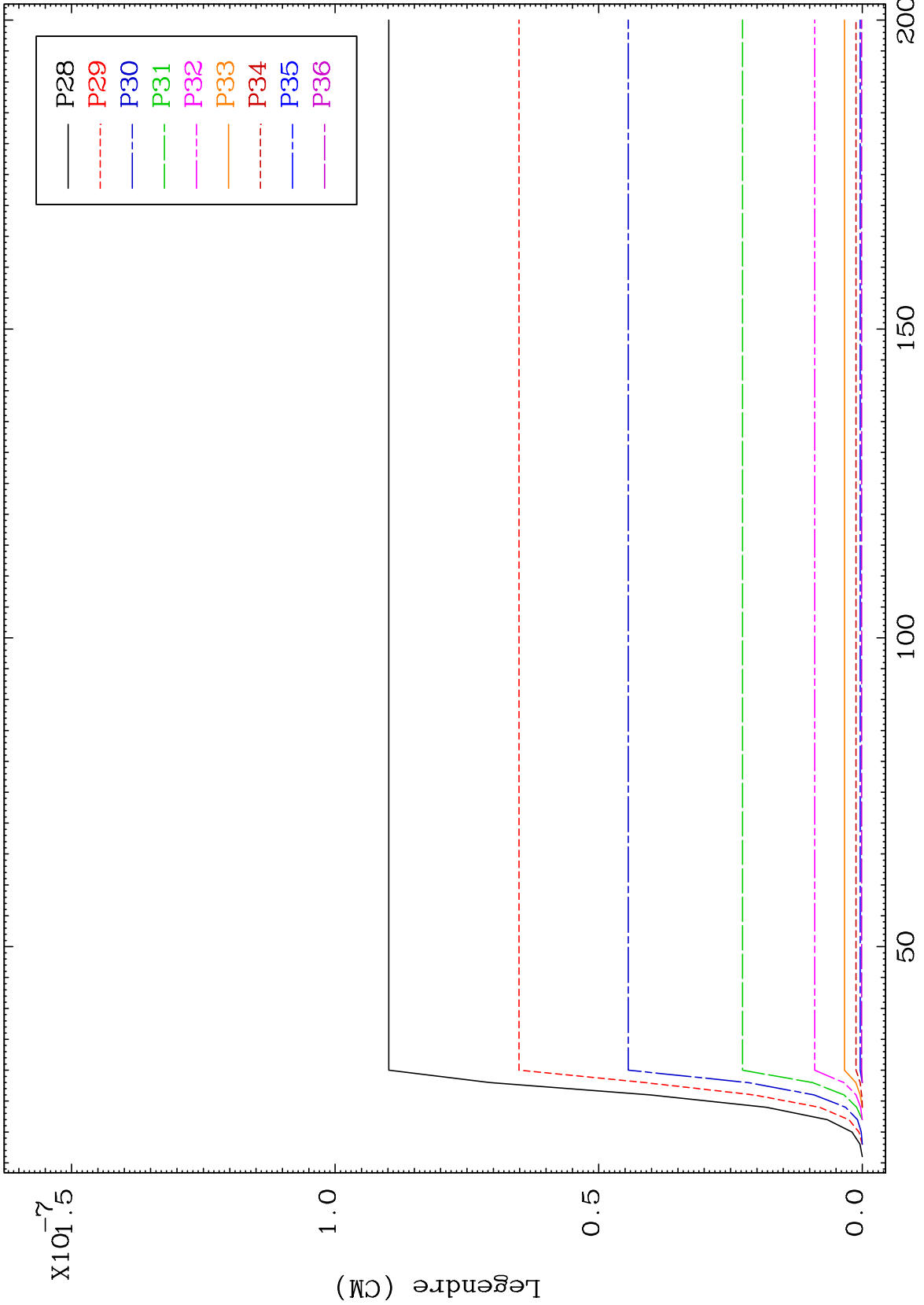
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175

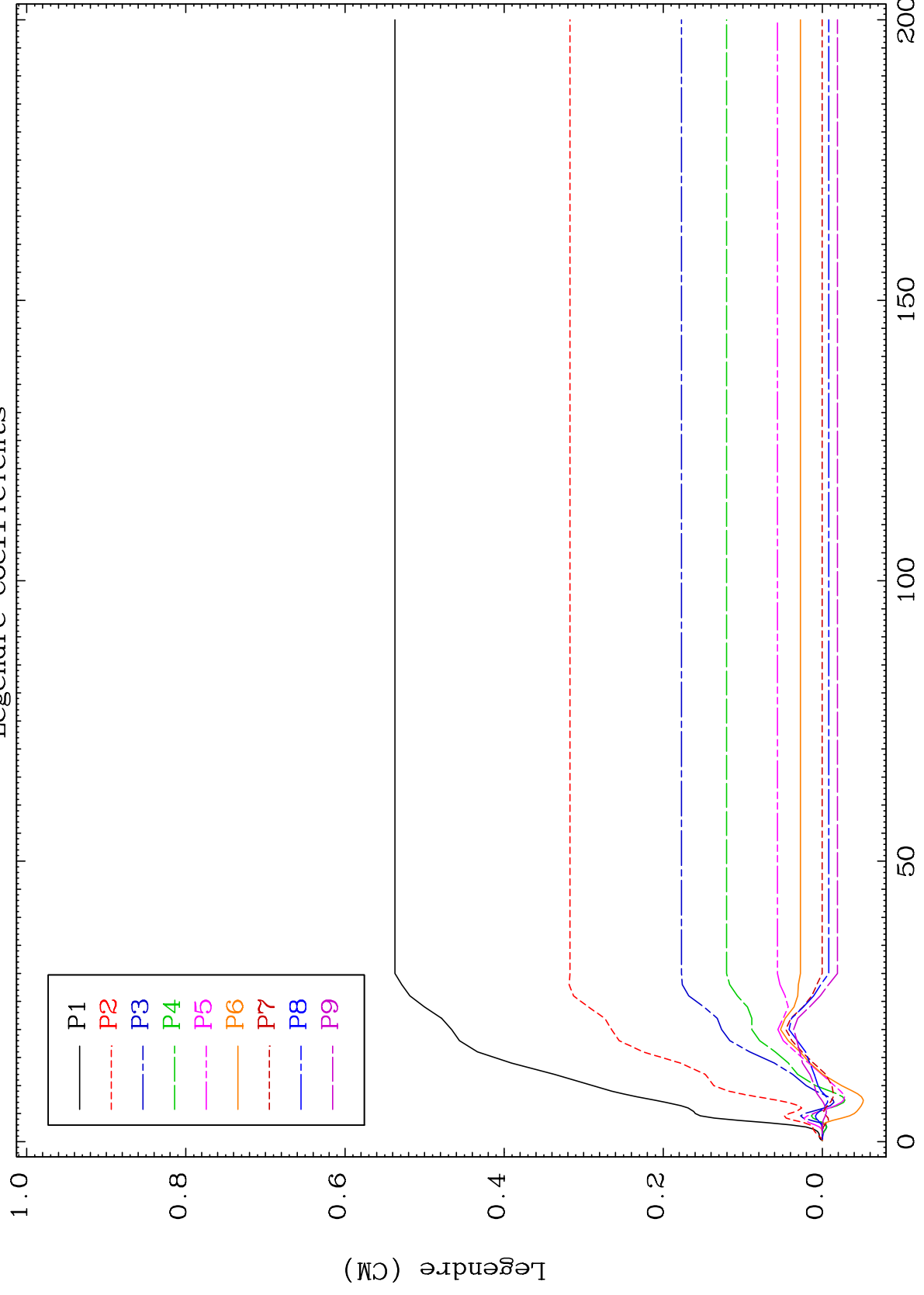


38

Incident Energy (MeV)

73-Ta-175

MAT 7310 MT= 56 (n,n') Level Legendre Coefficients 73-Ta-175

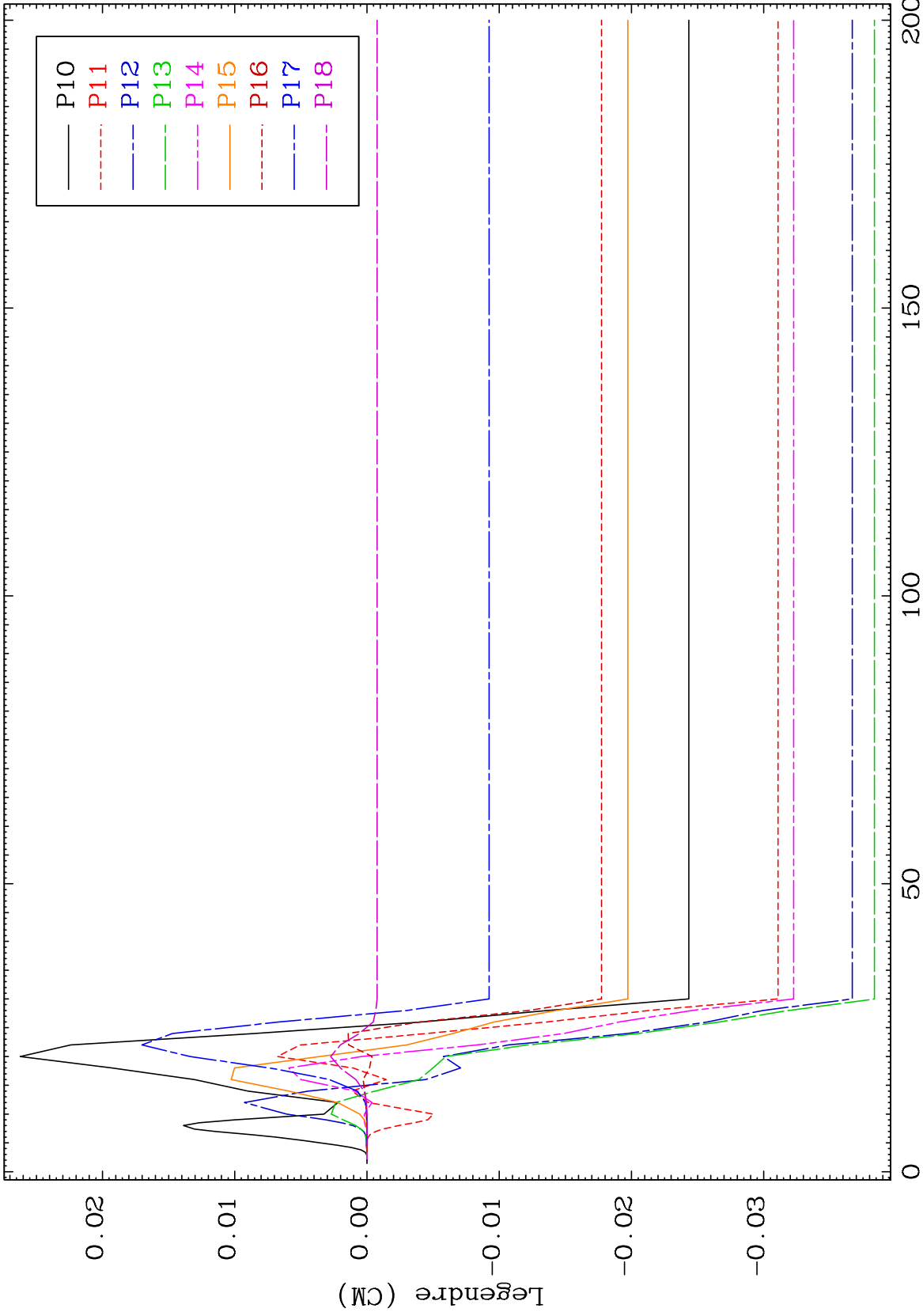


39 Incident Energy (MeV) 73-Ta-175

MAT 7310

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

73-Ta-175



40

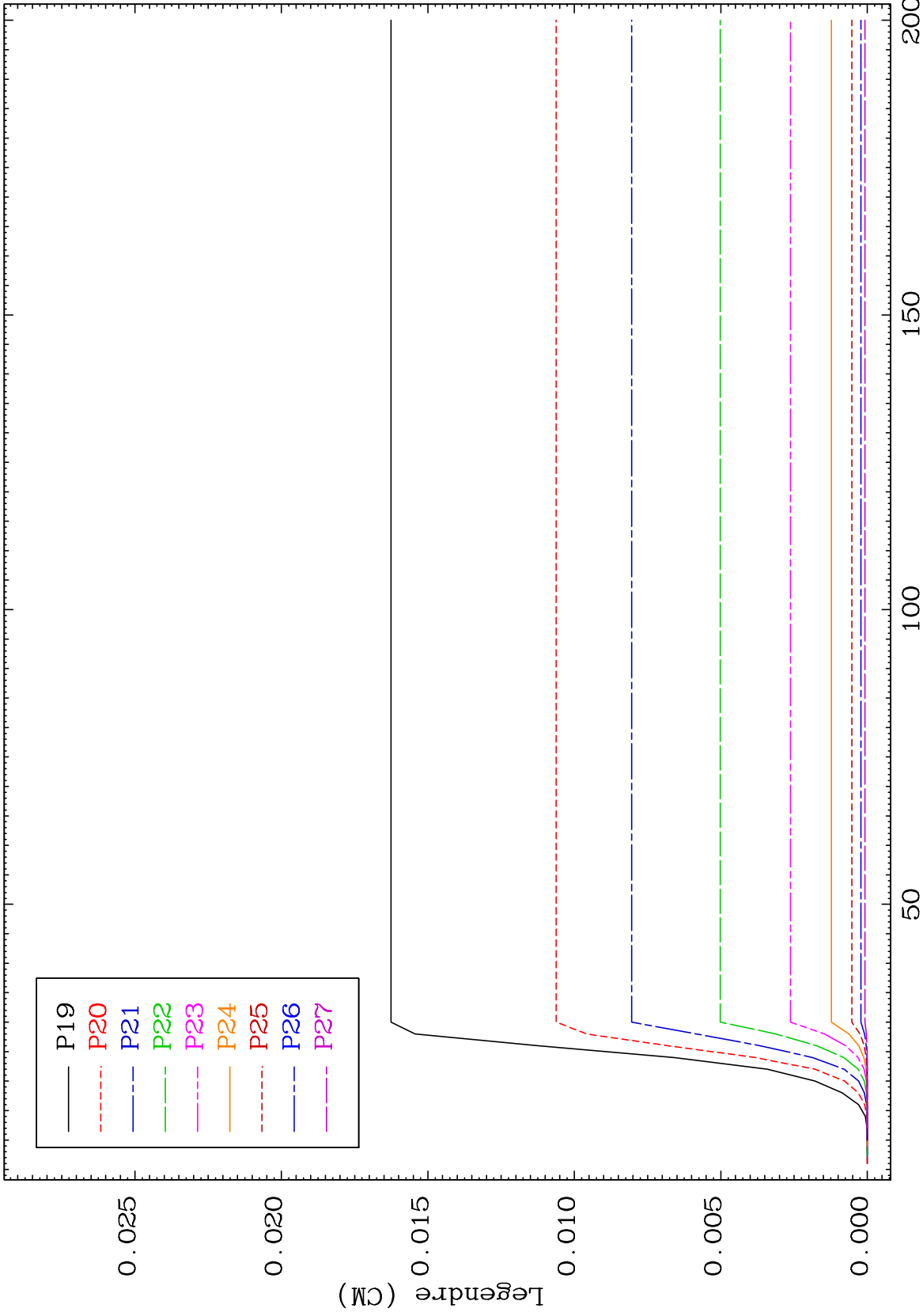
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

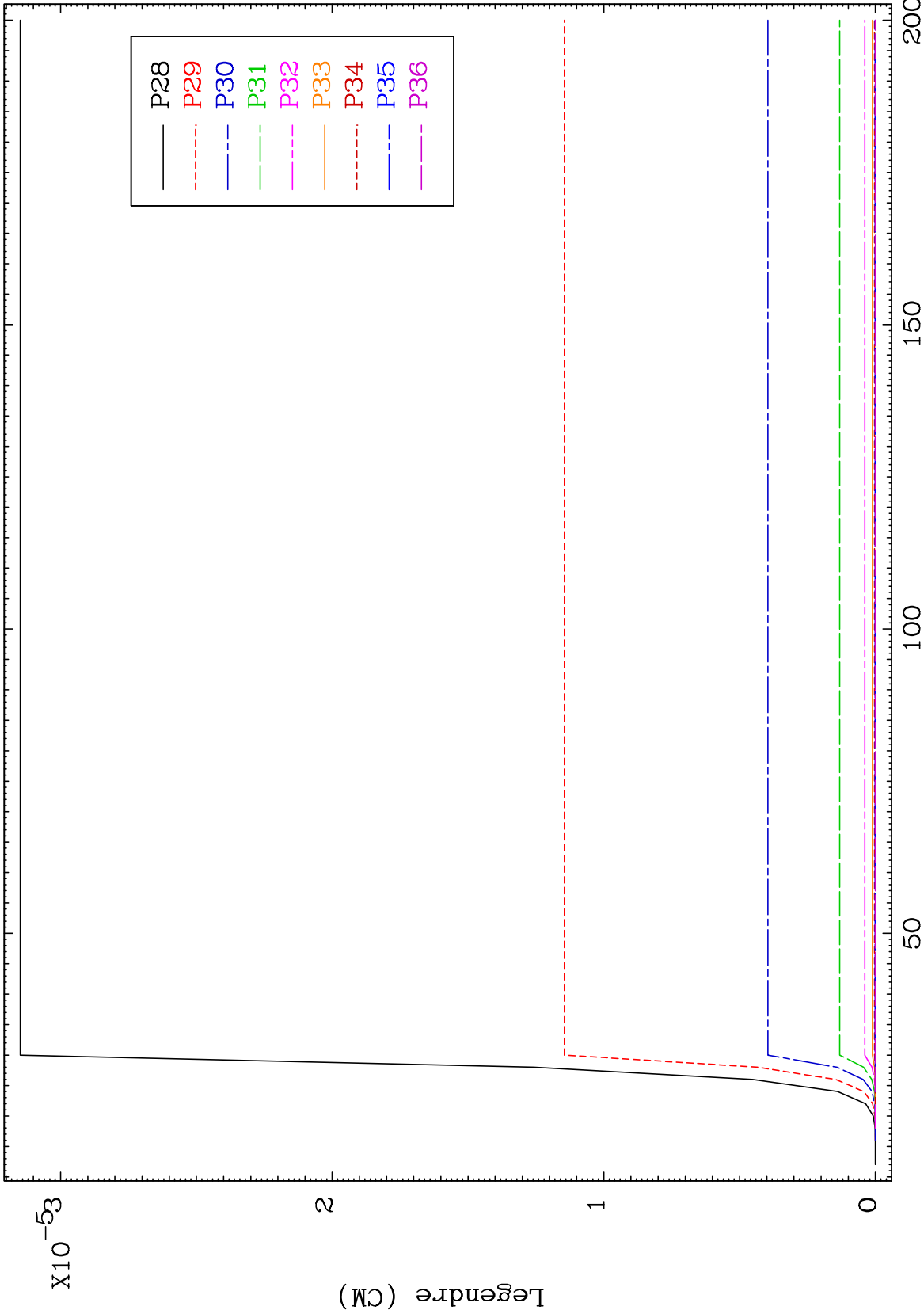
73-Ta-175



MAT 7310

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

73-Ta-175



42

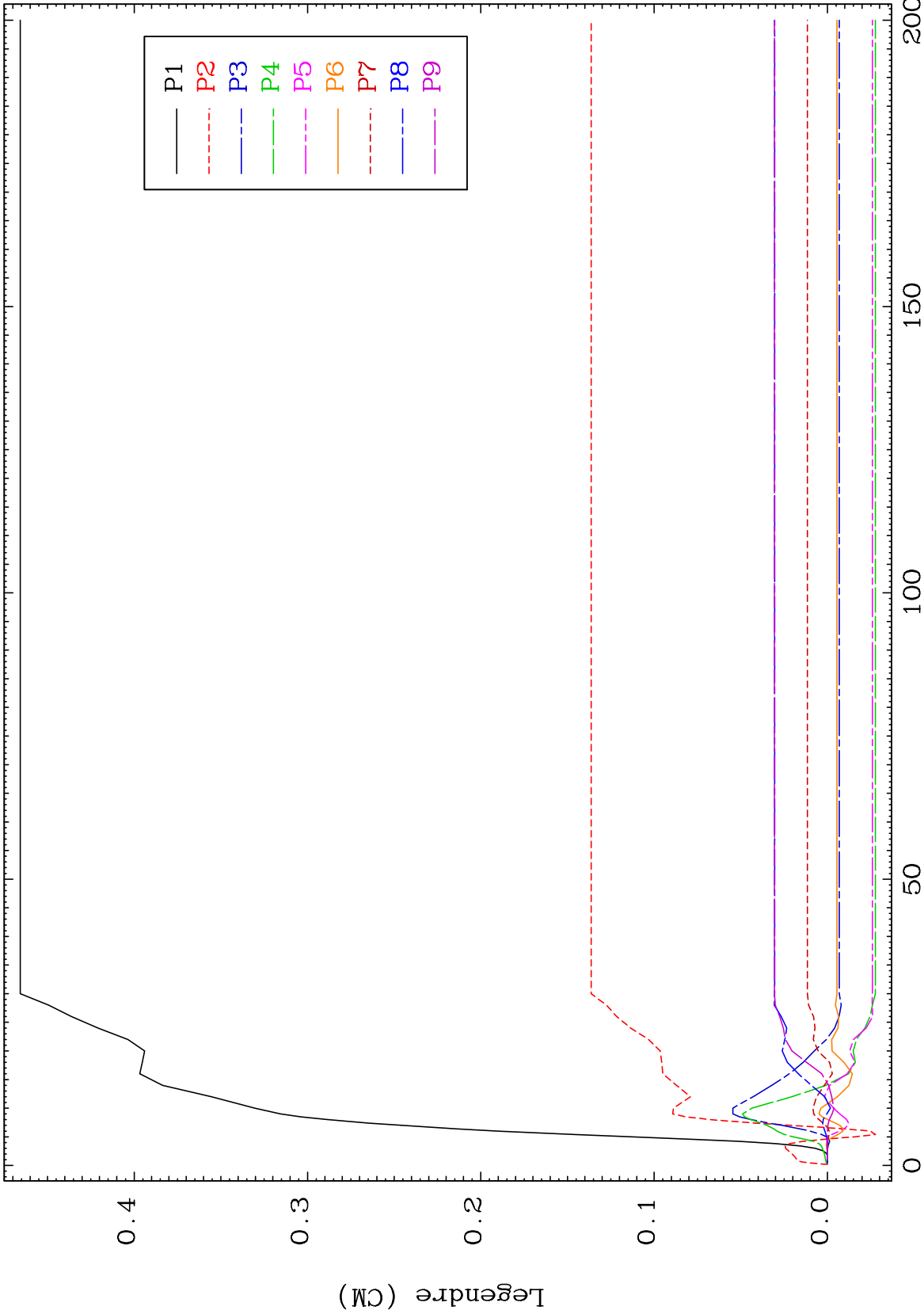
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



43

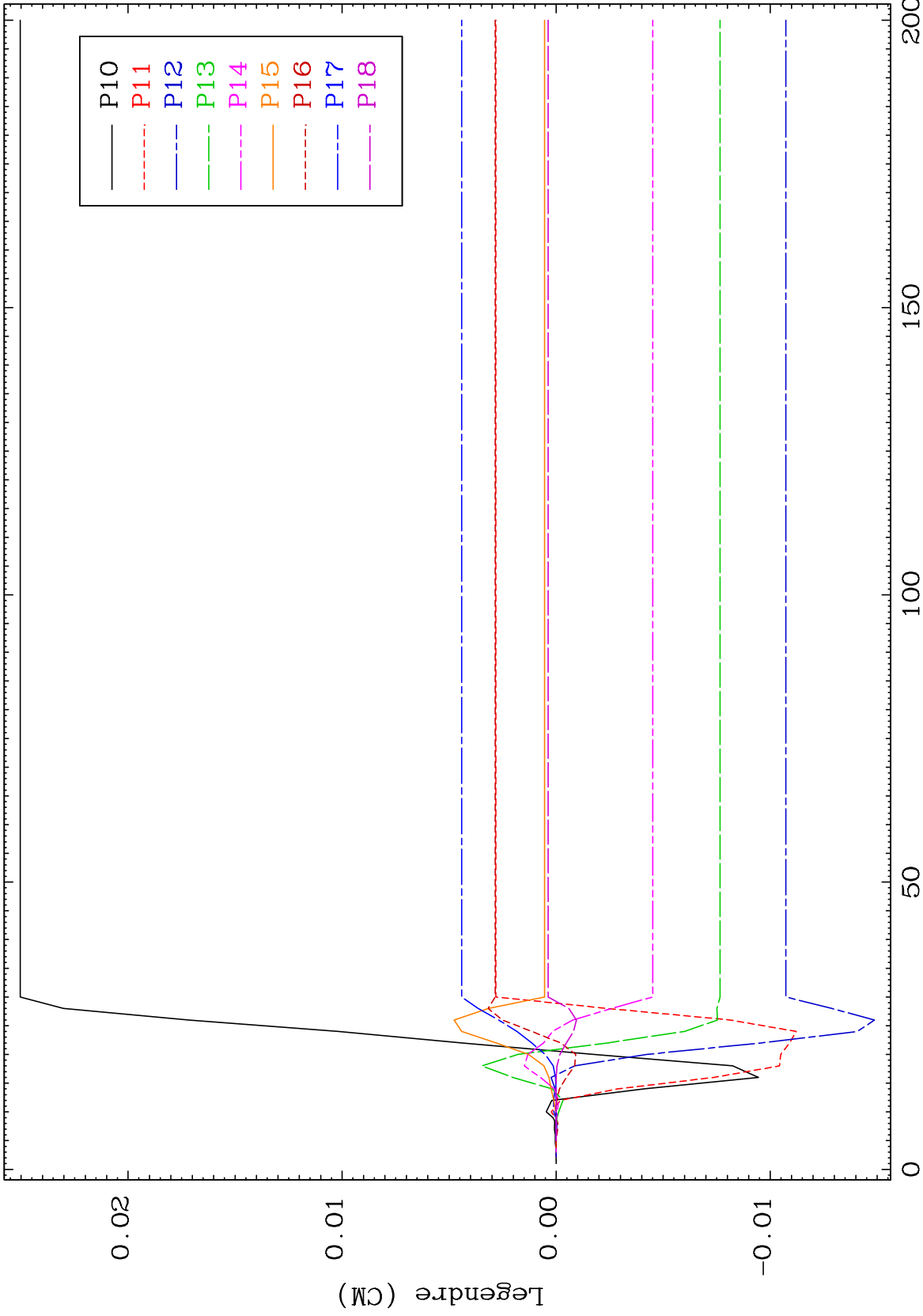
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



44

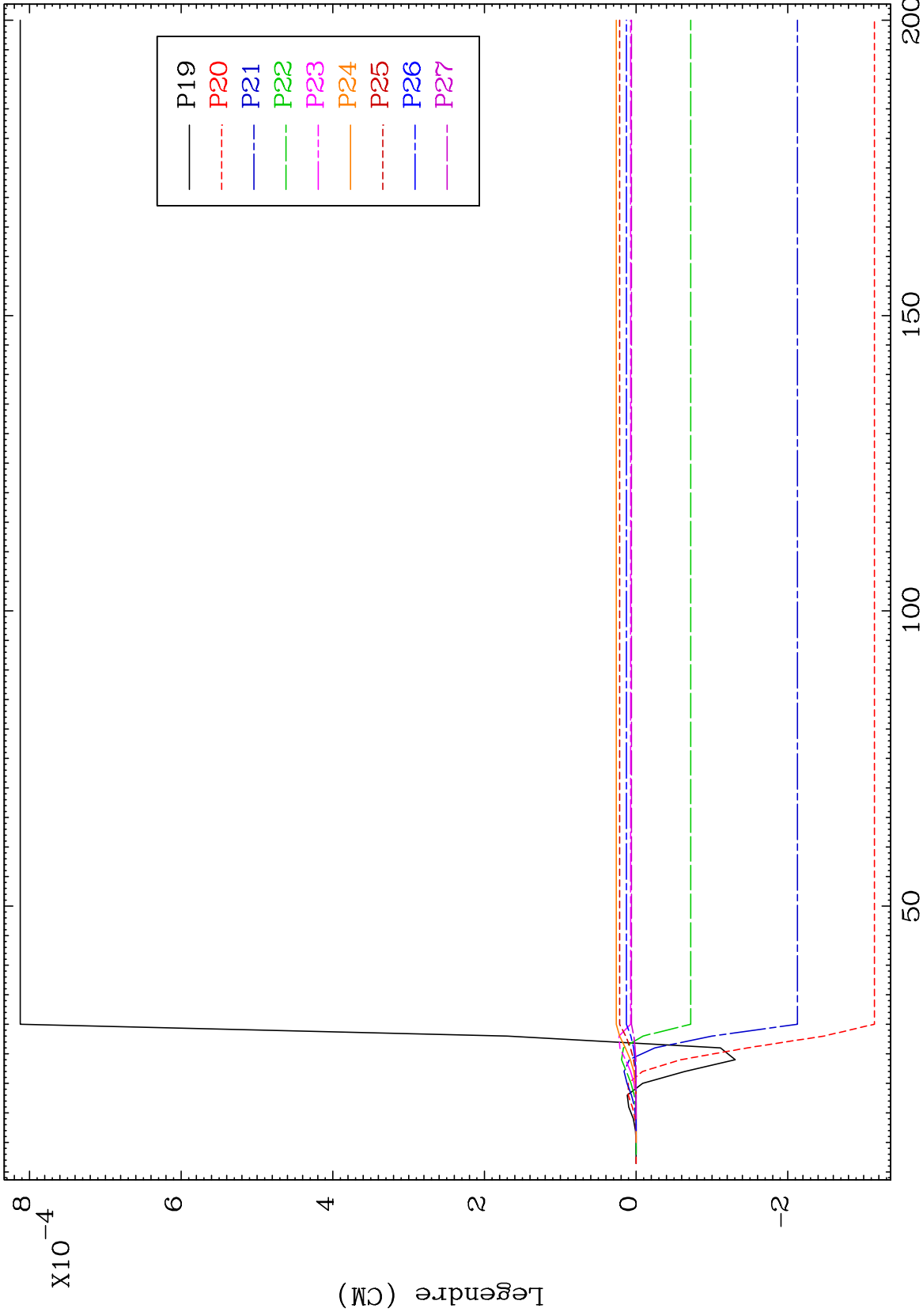
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



45

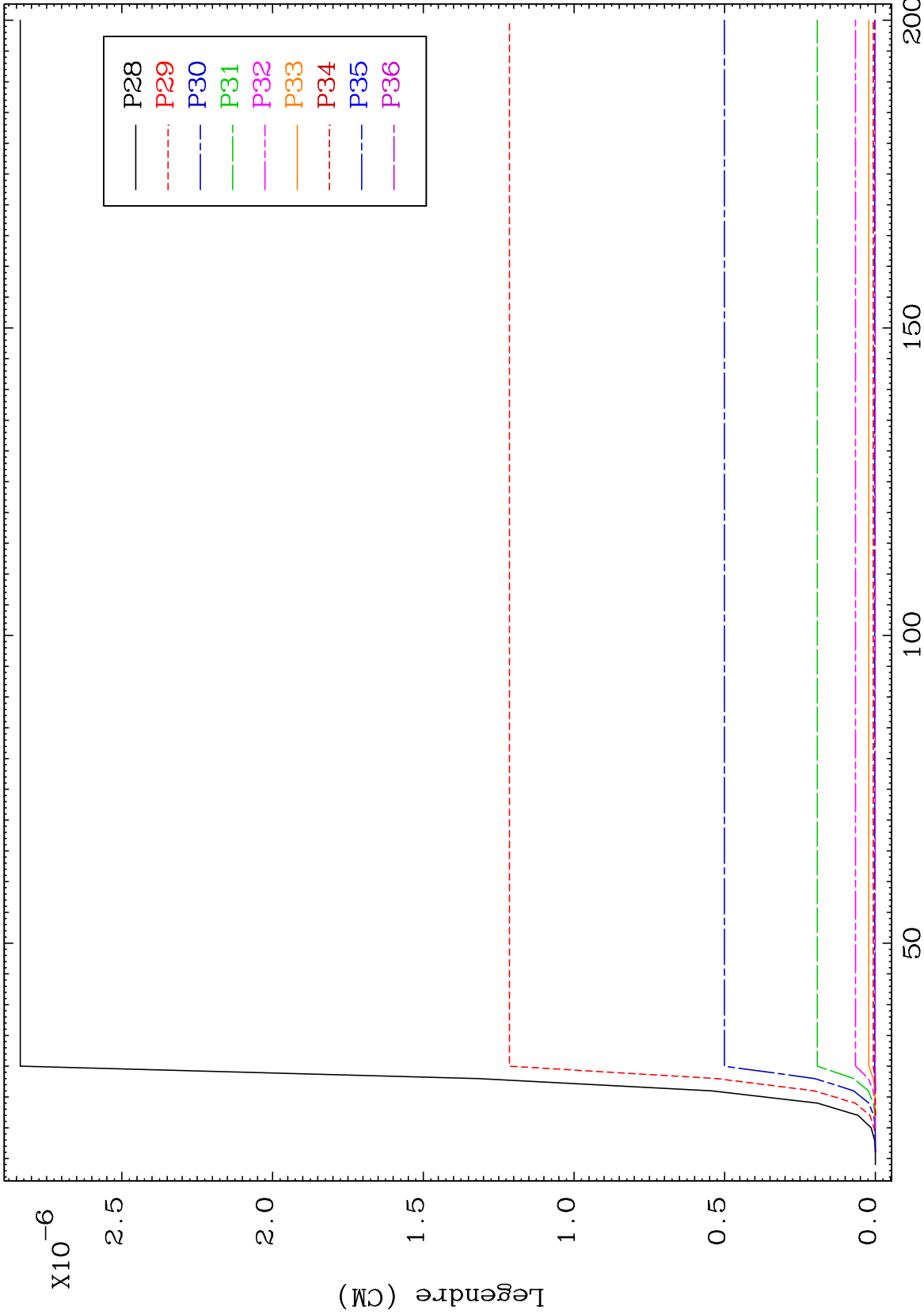
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175

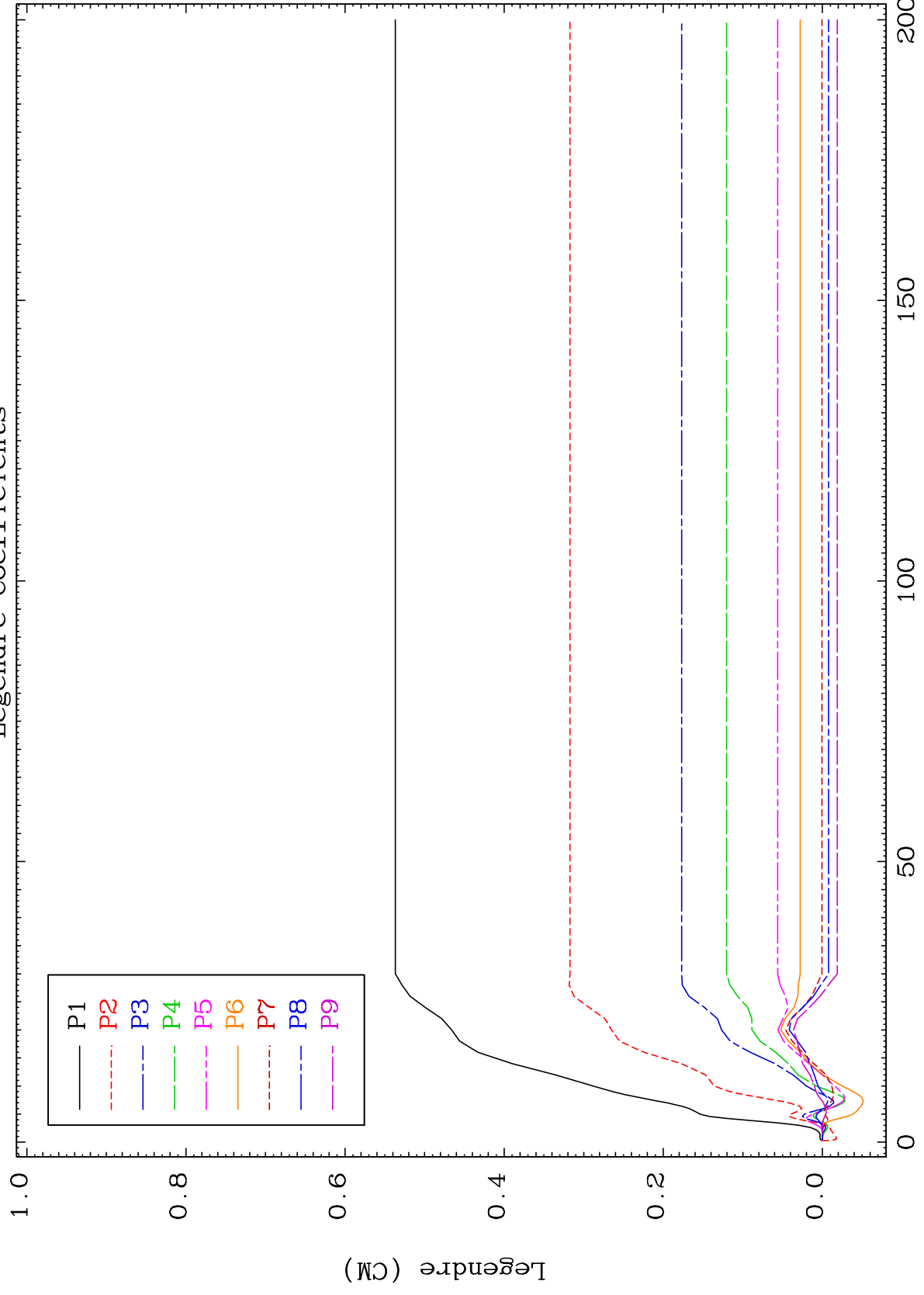


46

Incident Energy (MeV)

73-Ta-175

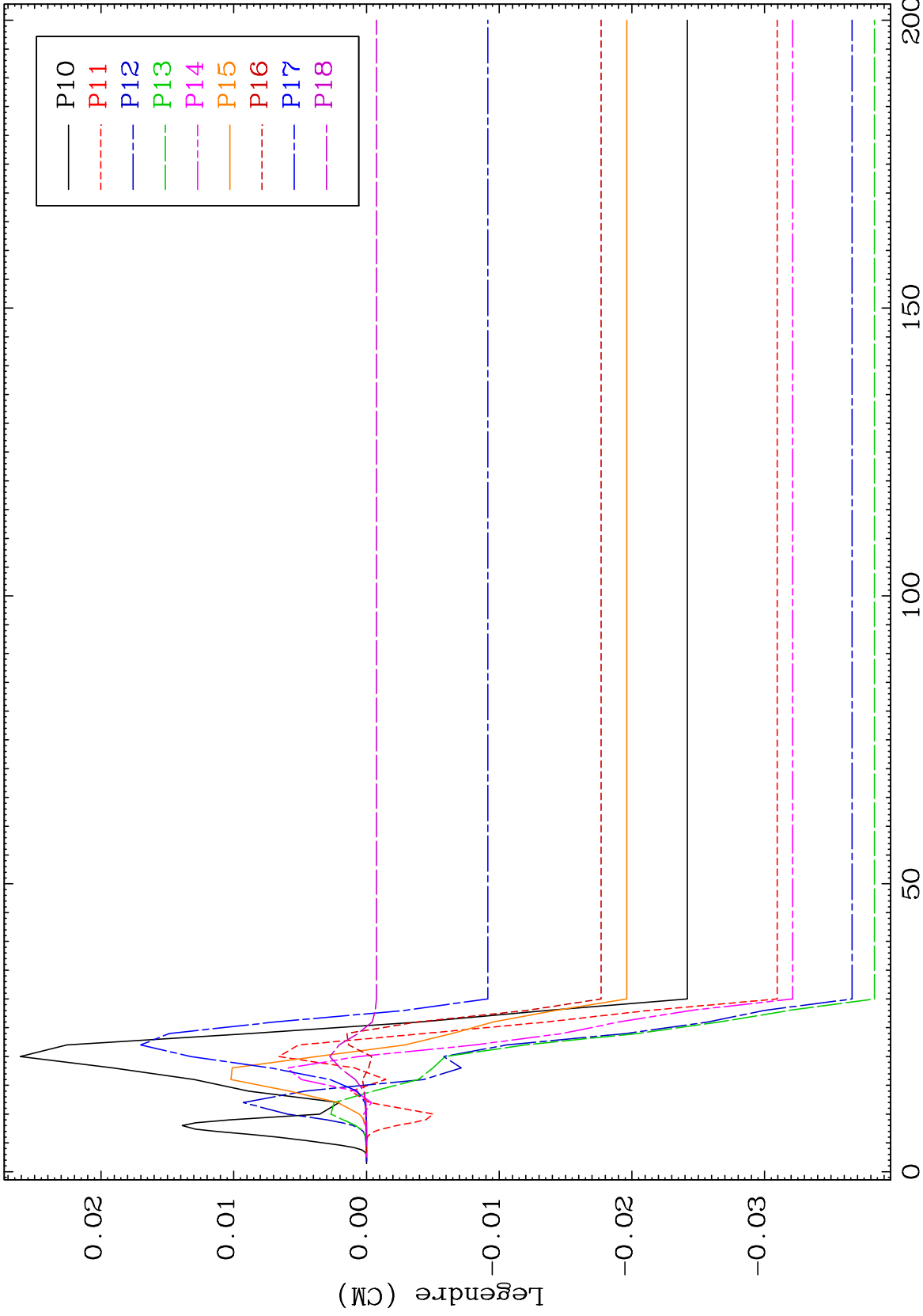
MAT 7310 MT= 58 (n,n') Level Legendre Coefficients 73-Ta-175



MAT 7310

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

73-Ta-175



48

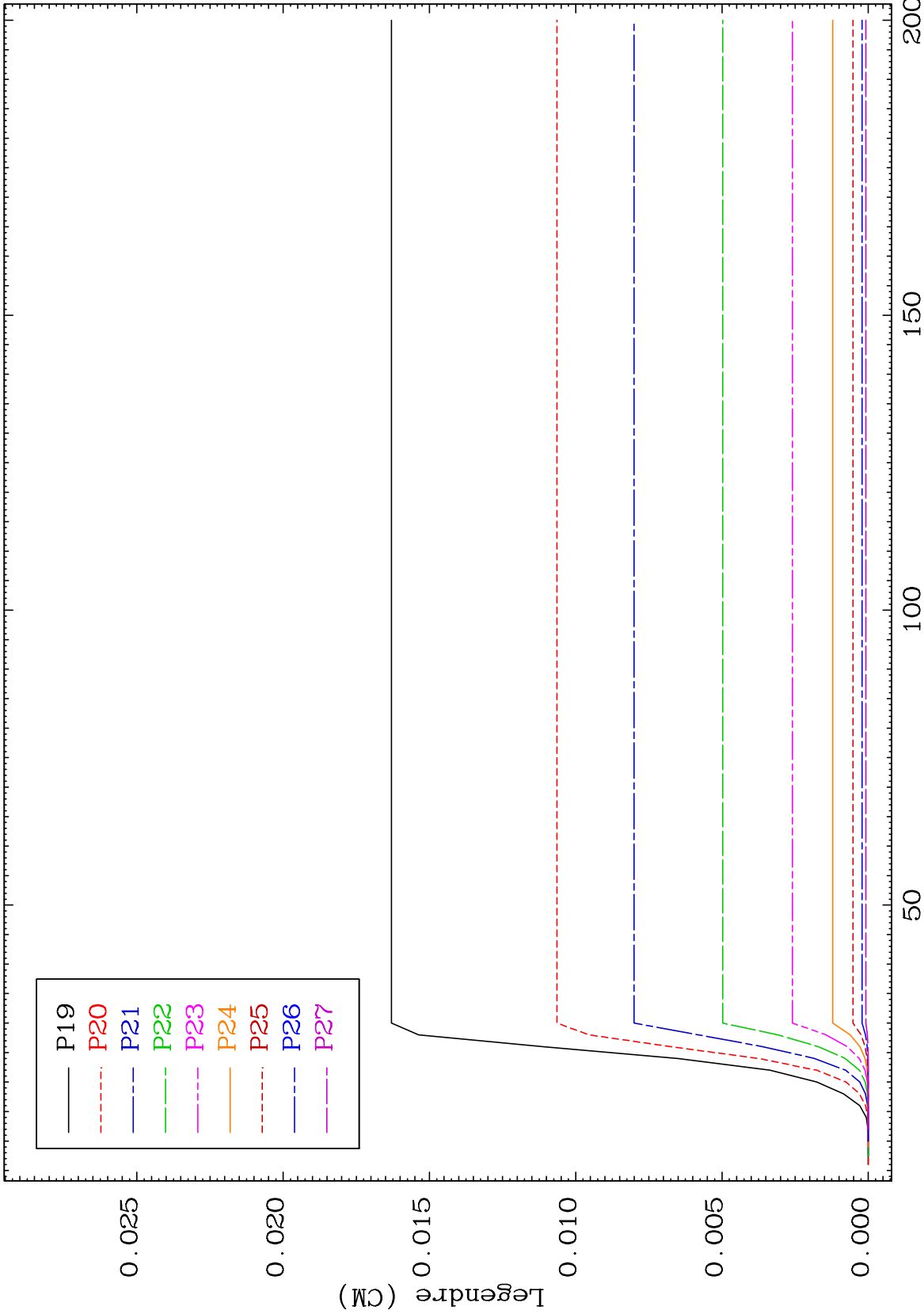
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



49

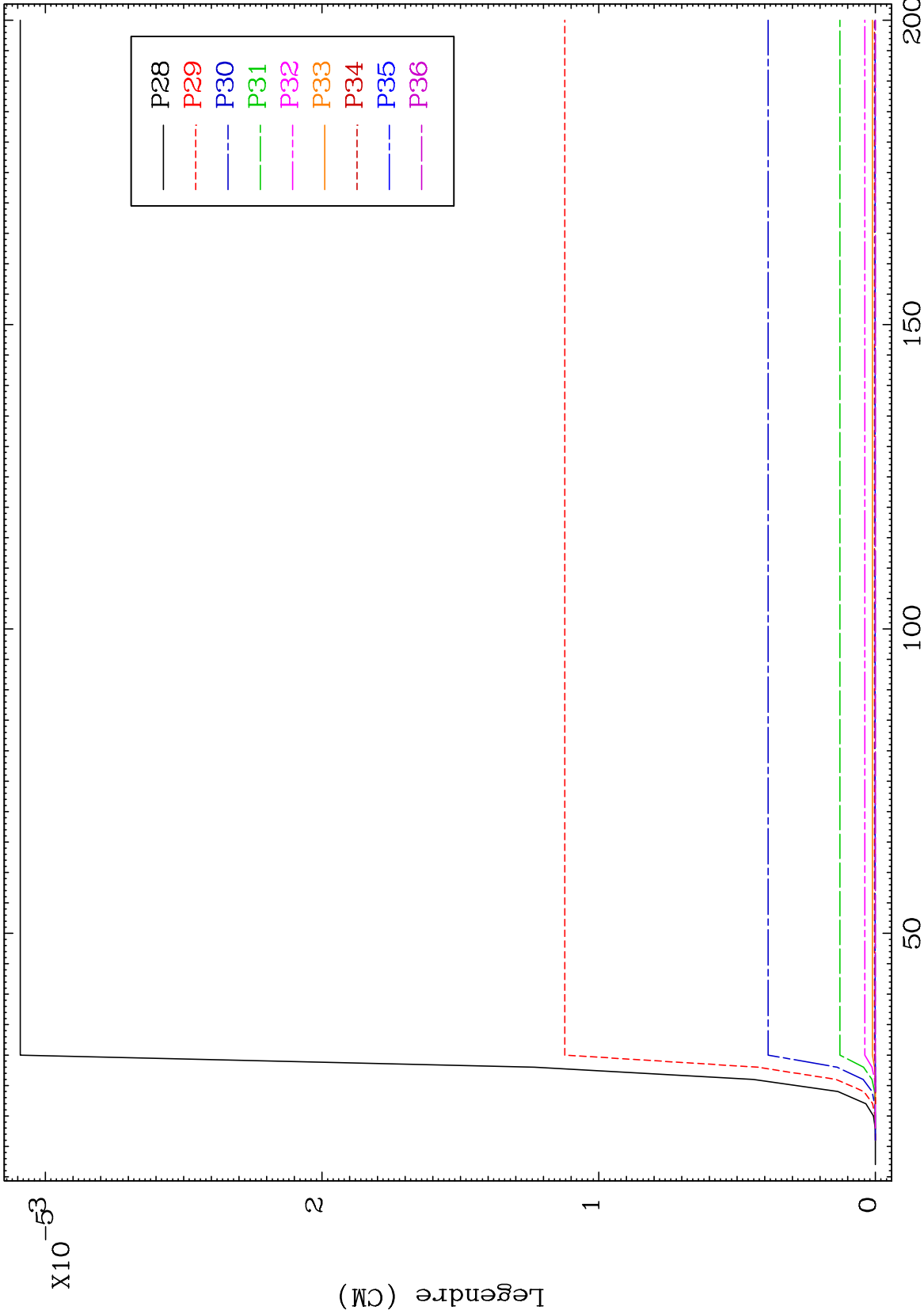
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



50

50

100

150

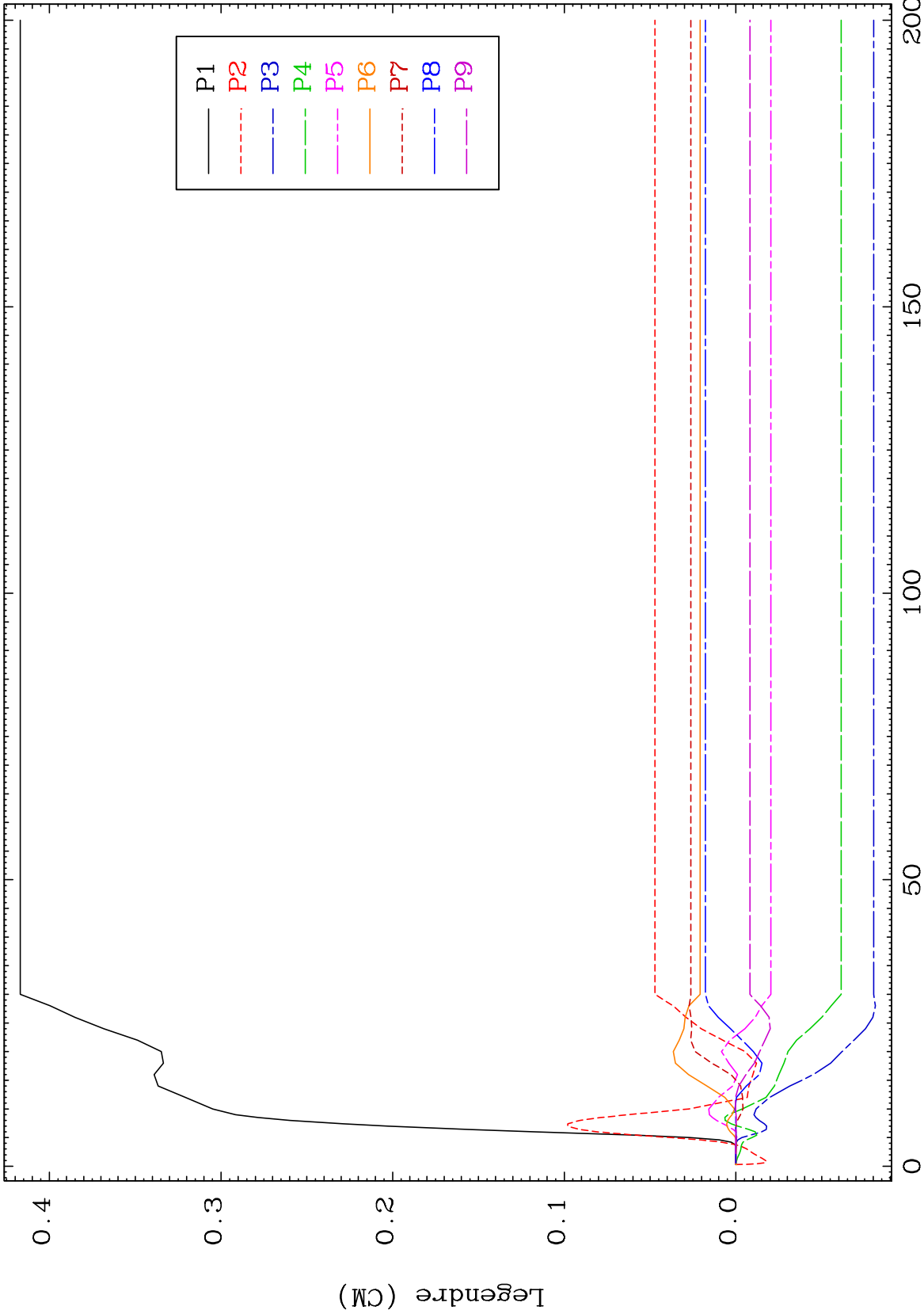
200

73-Ta-175

MAT 7310

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

73-Ta-175



51

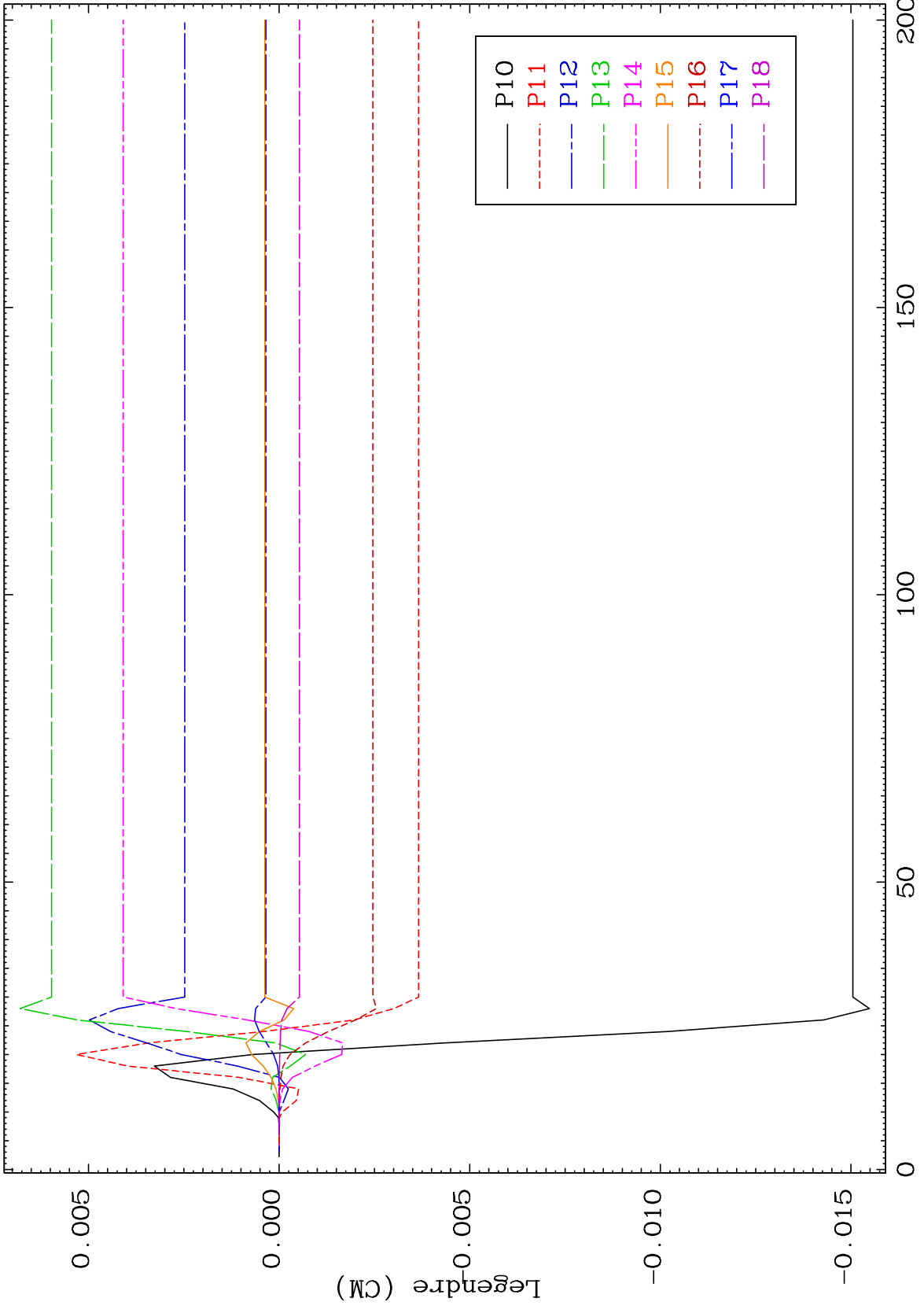
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



52

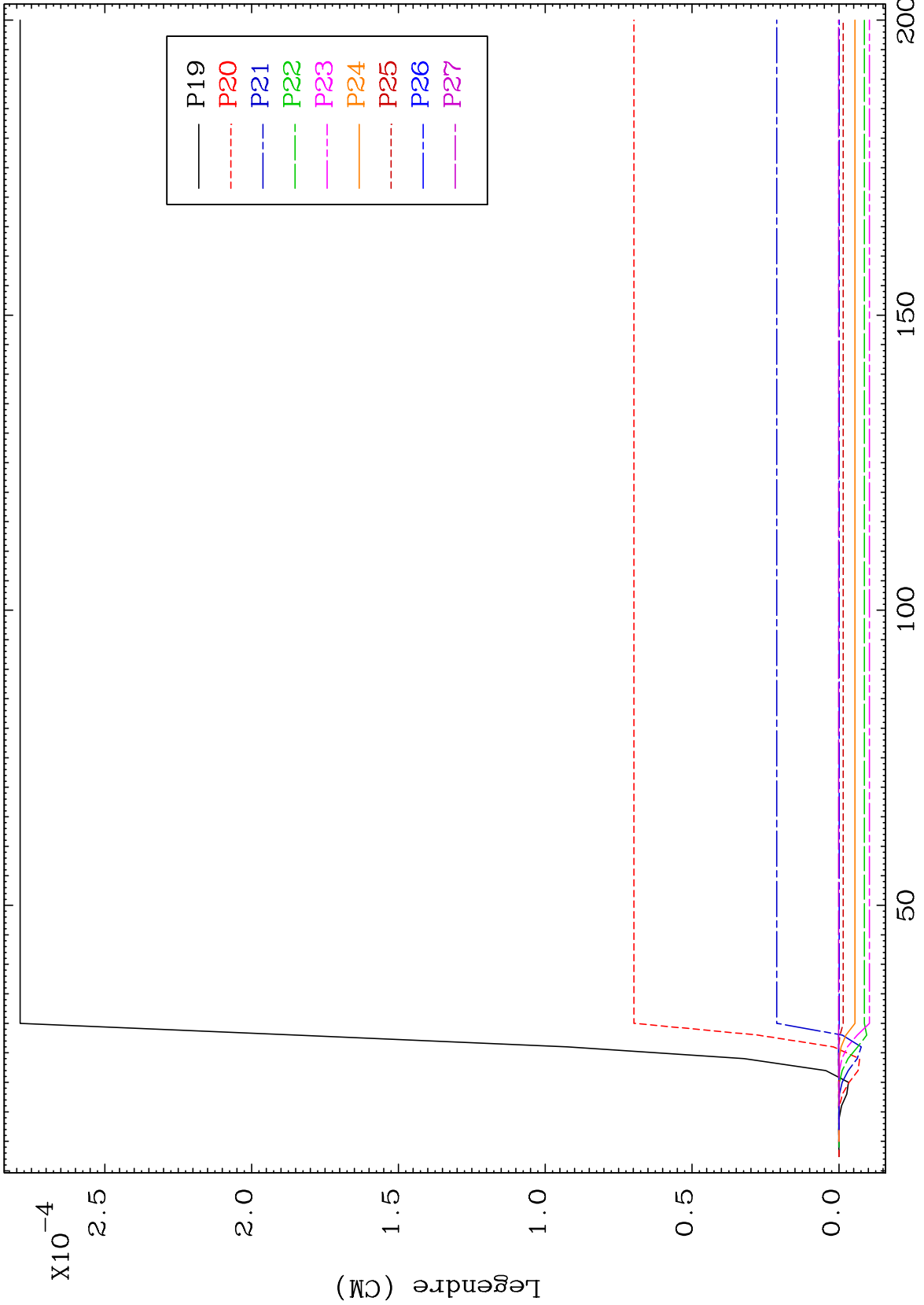
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



53

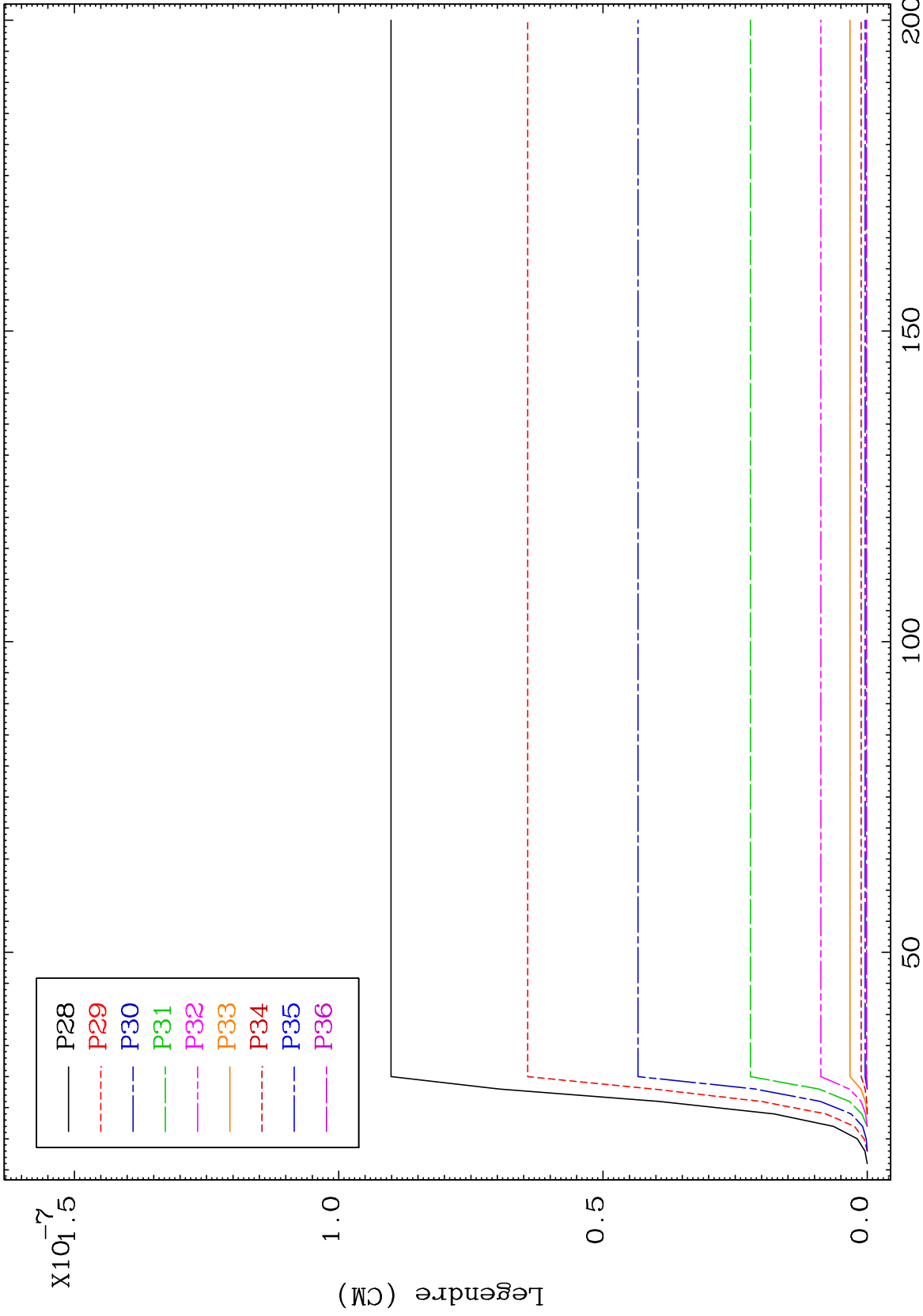
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



54

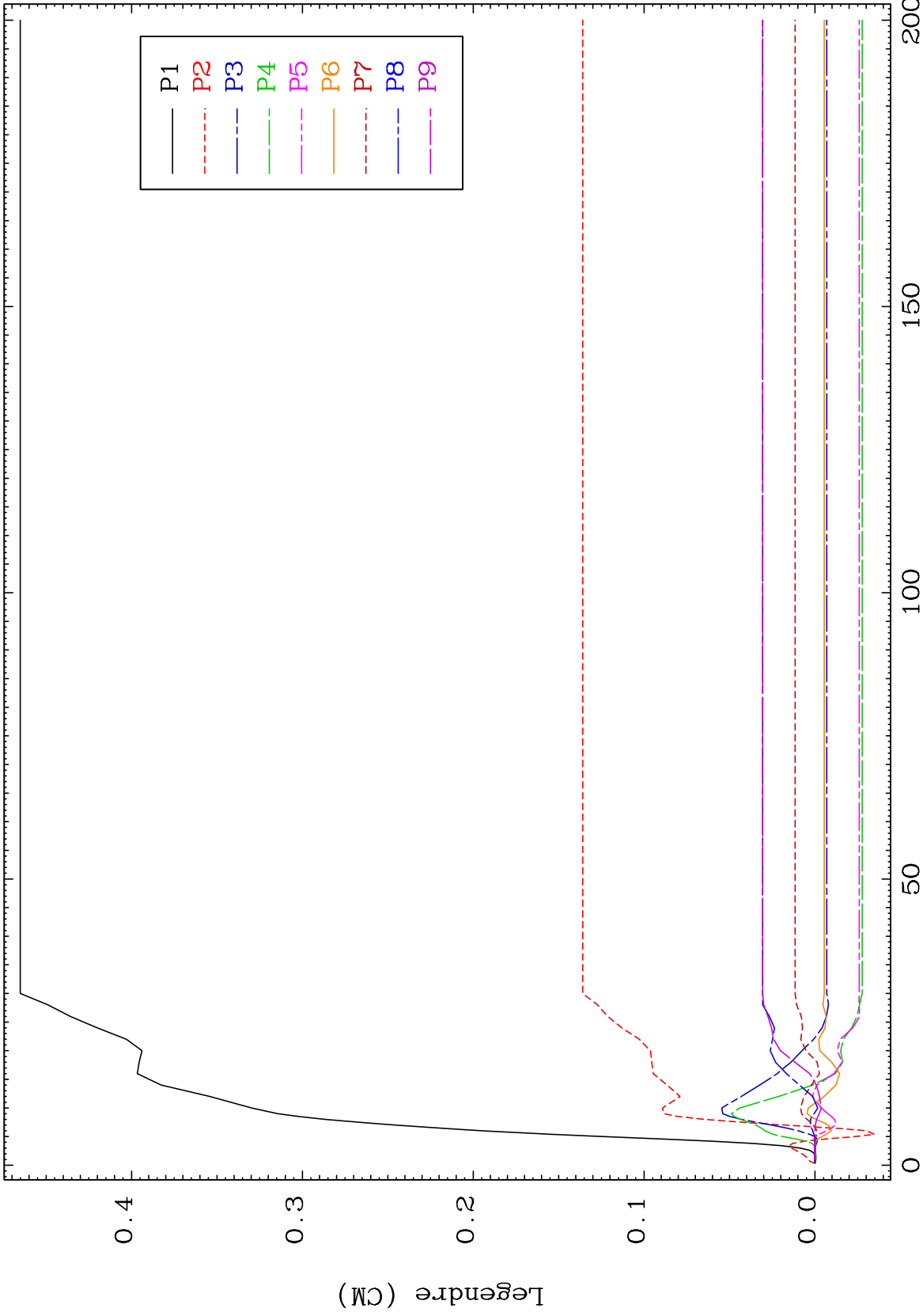
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



55

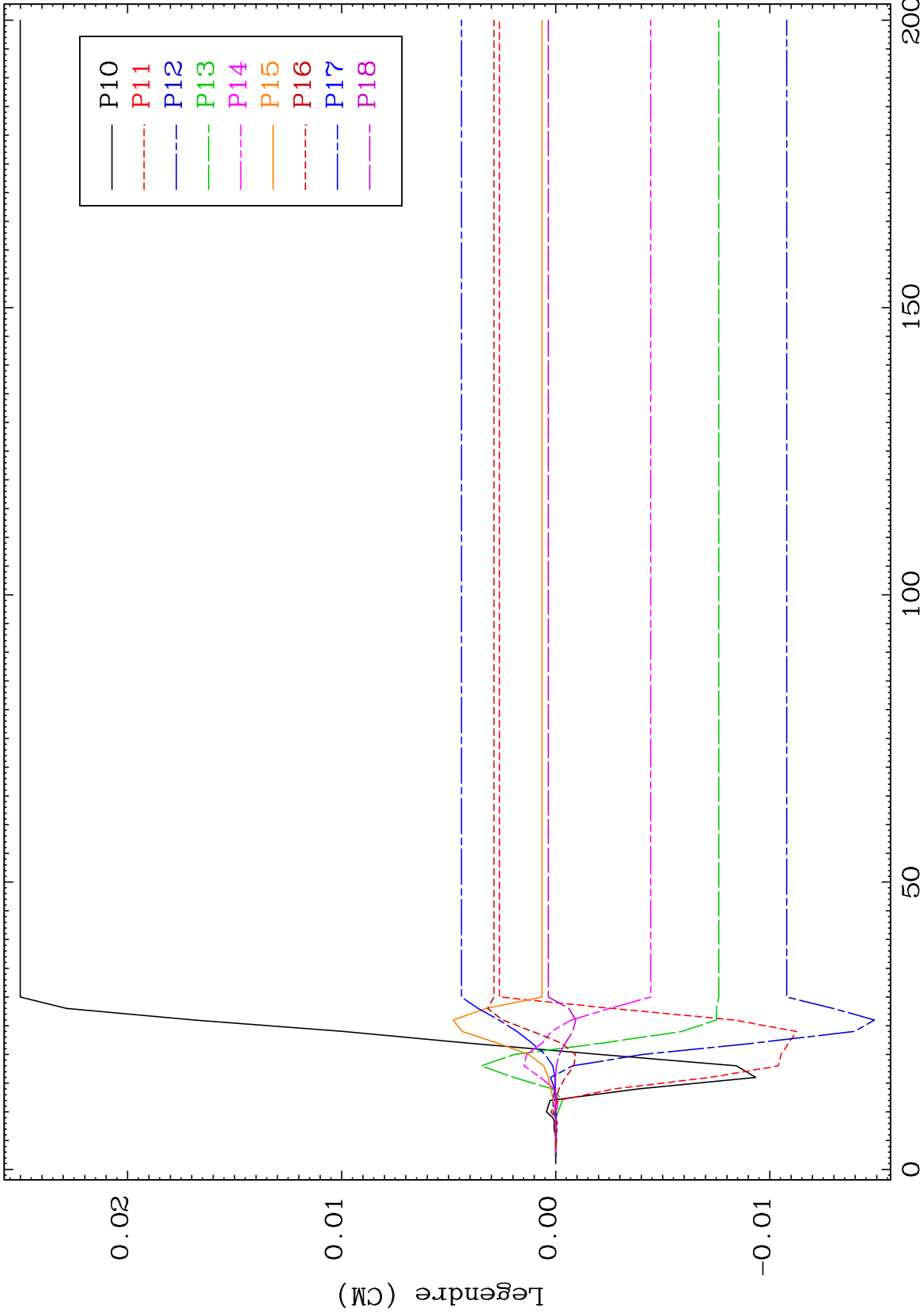
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



56

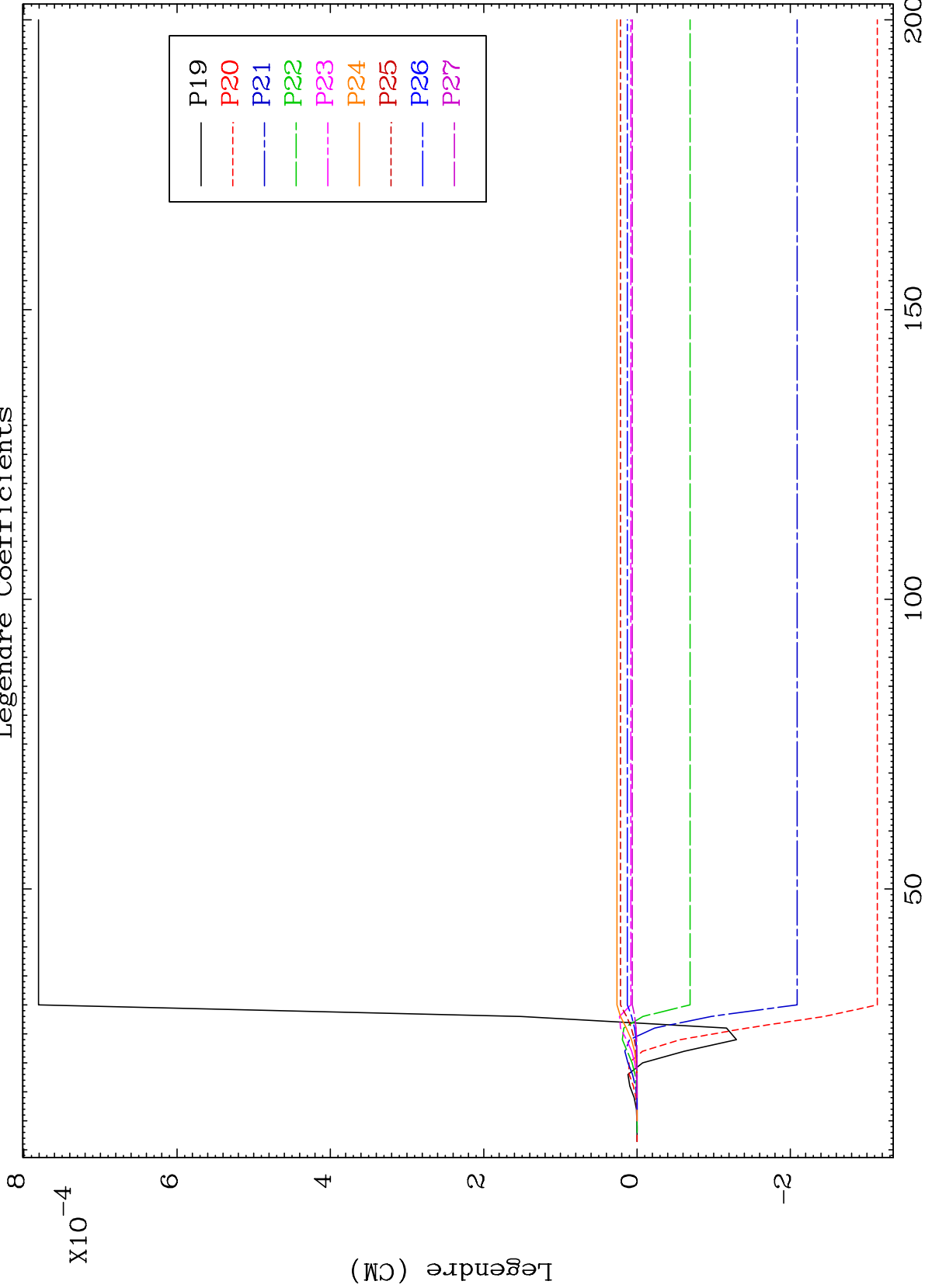
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



57

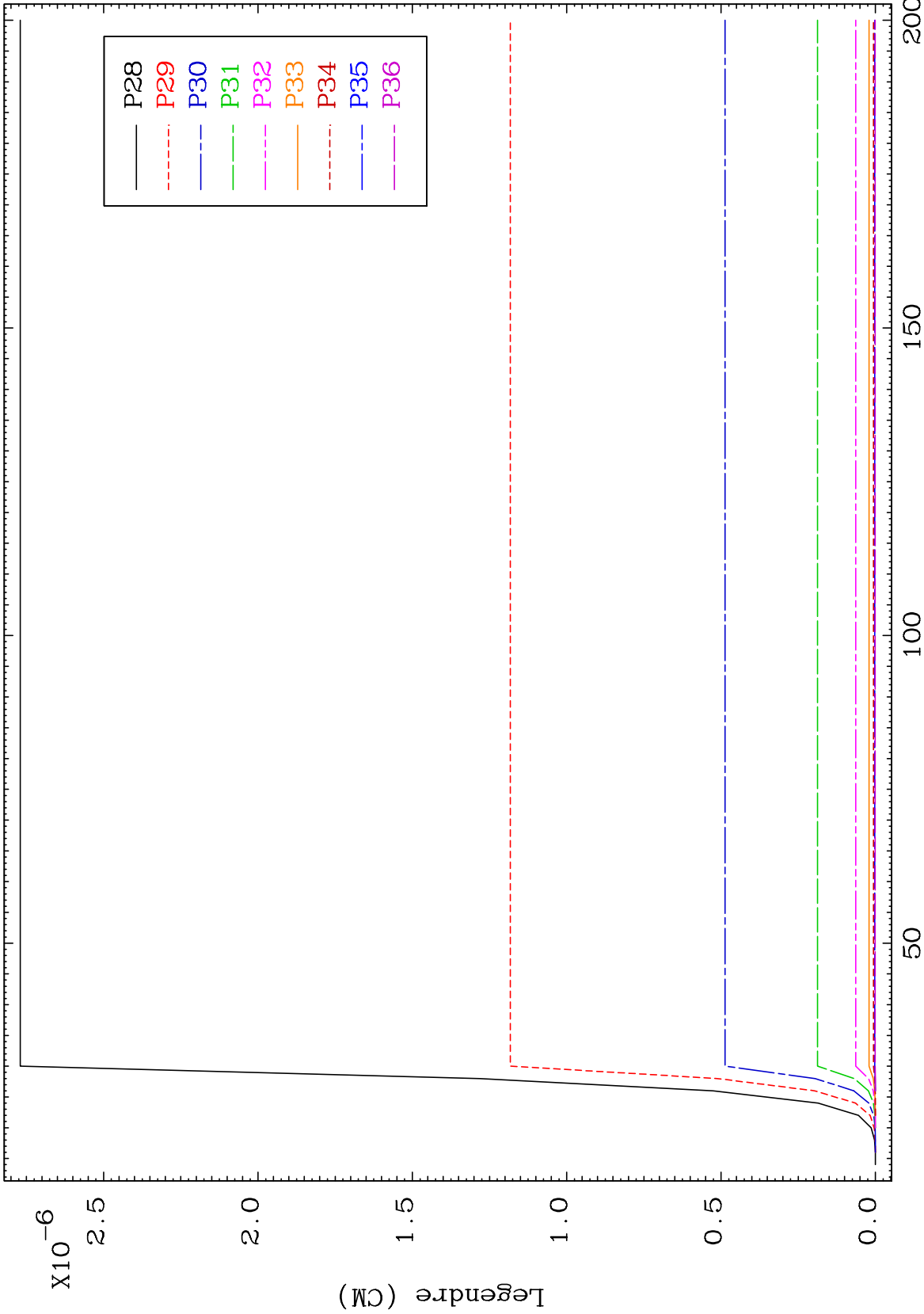
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



58

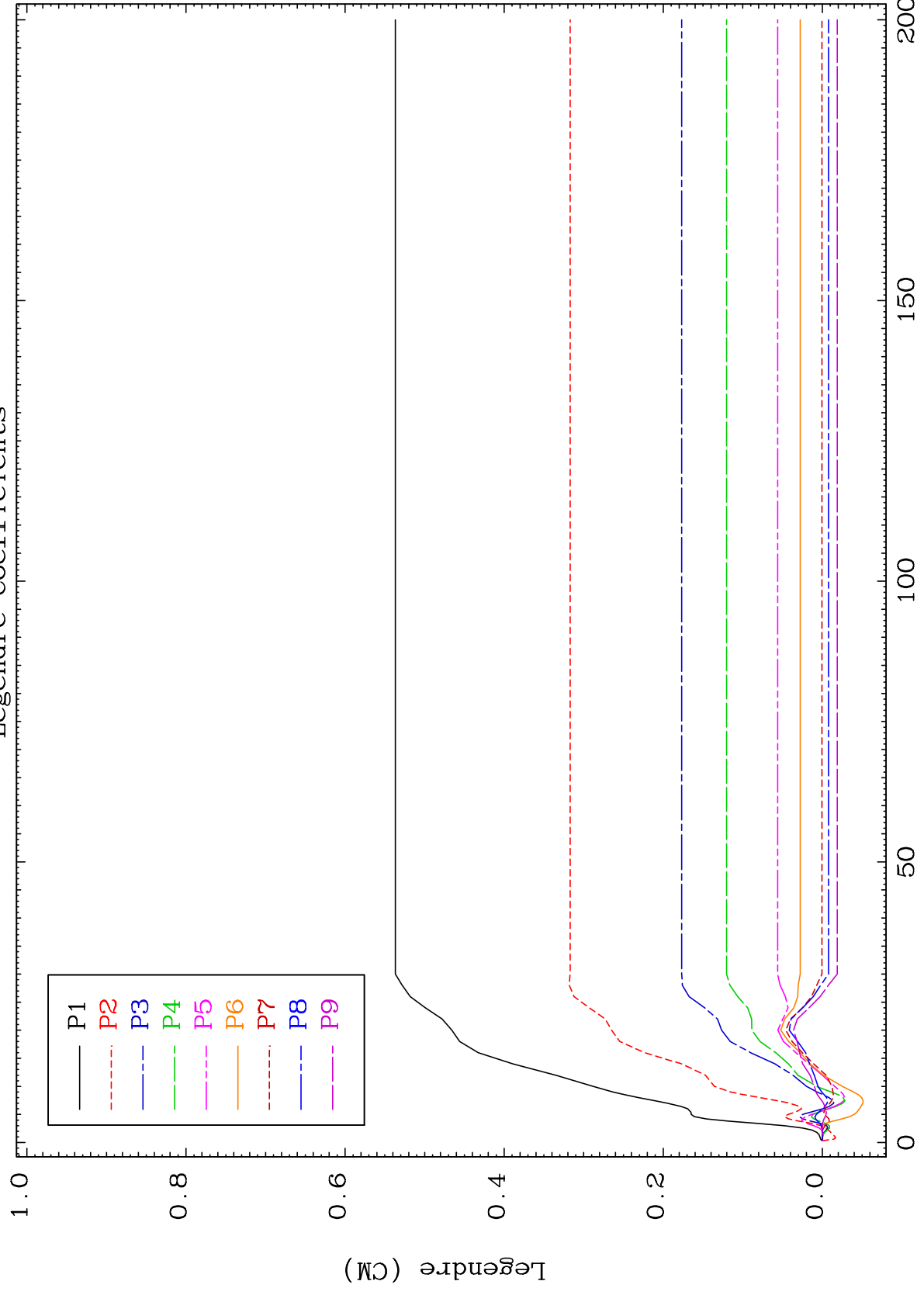
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175

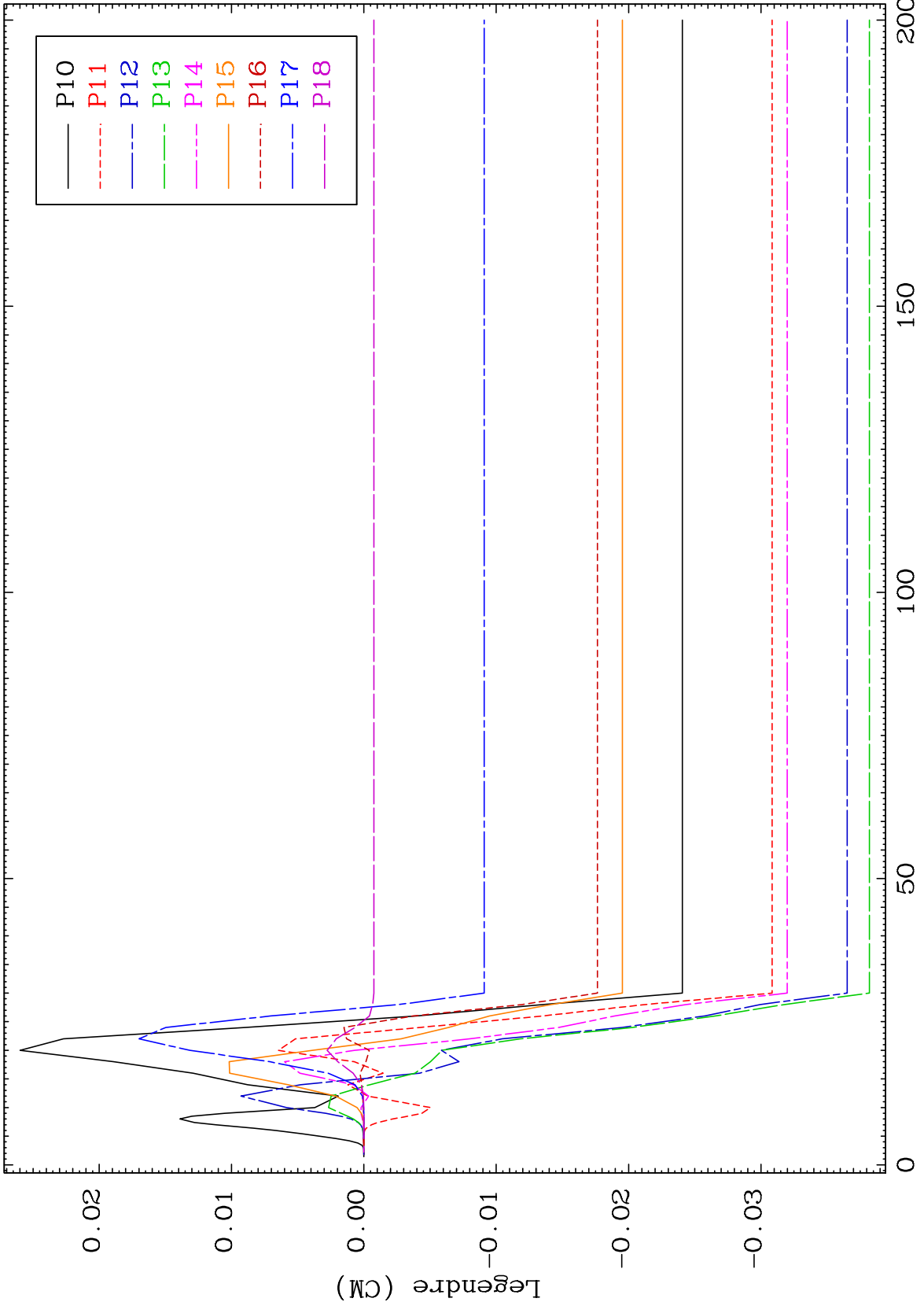


59

Incident Energy (MeV)

73-Ta-175

MAT 7310 MT= 61 (n,n') Level Legendre Coefficients 73-Ta-175

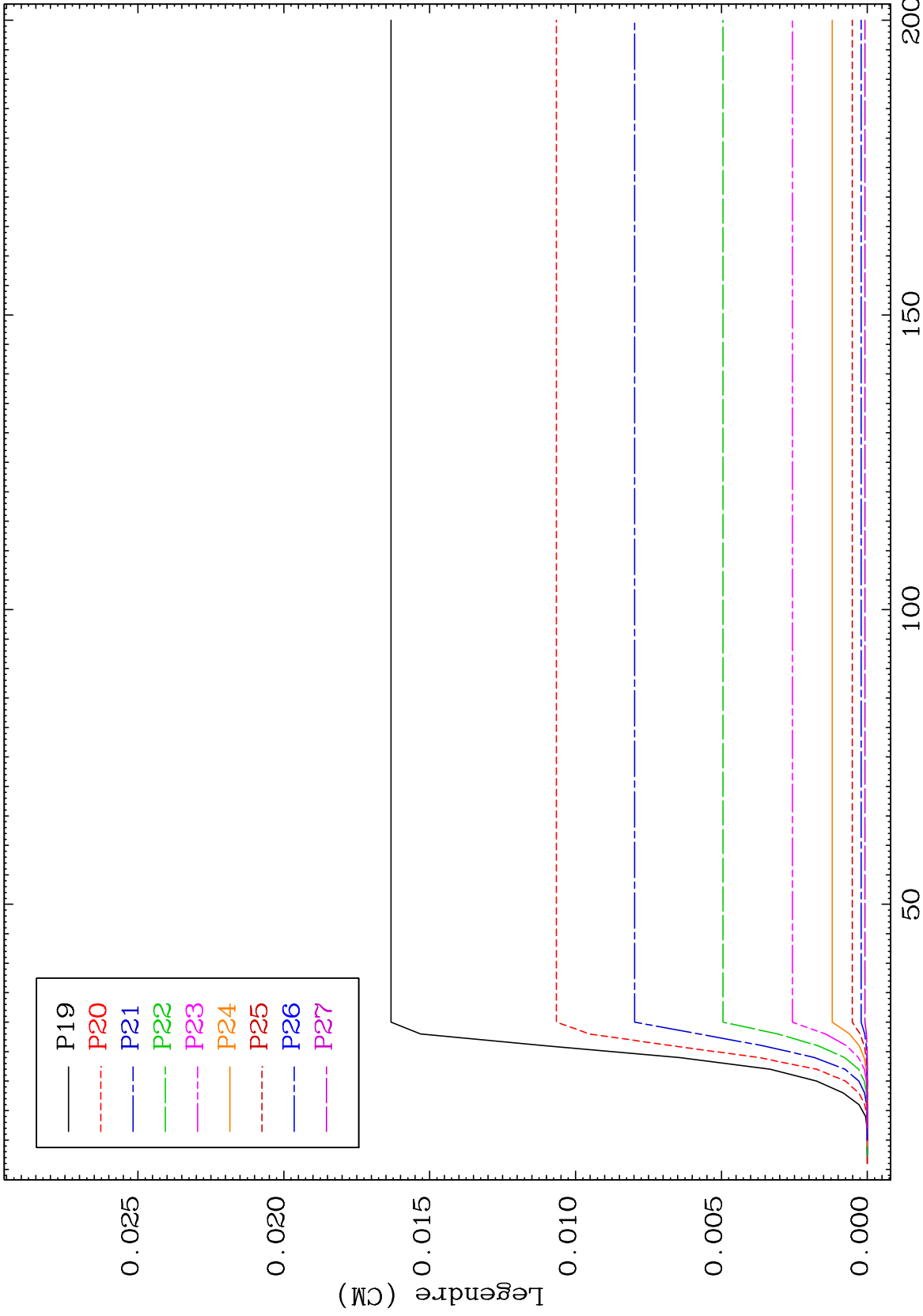


73-Ta-175

MAT 7310

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

73-Ta-175



61

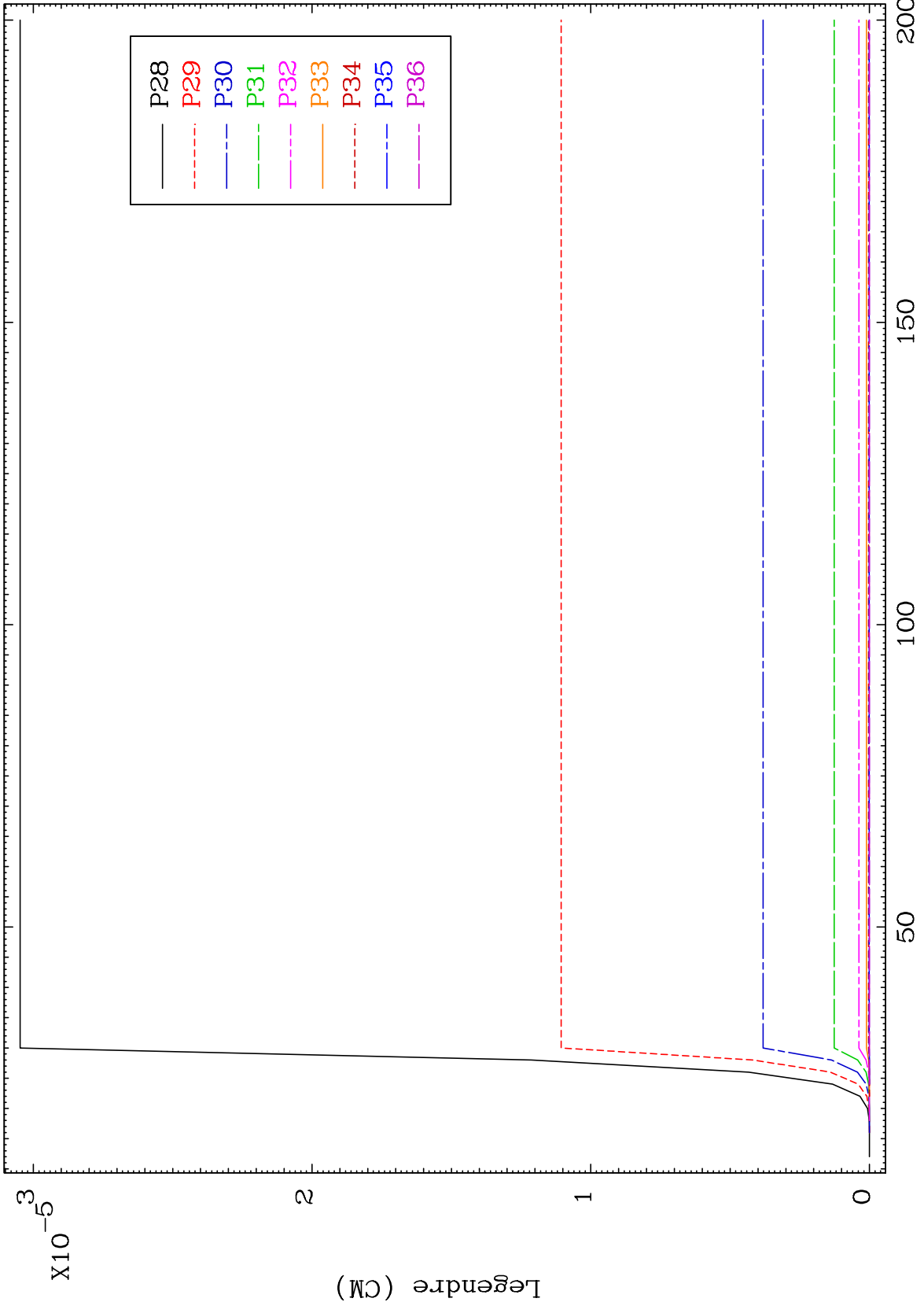
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



62

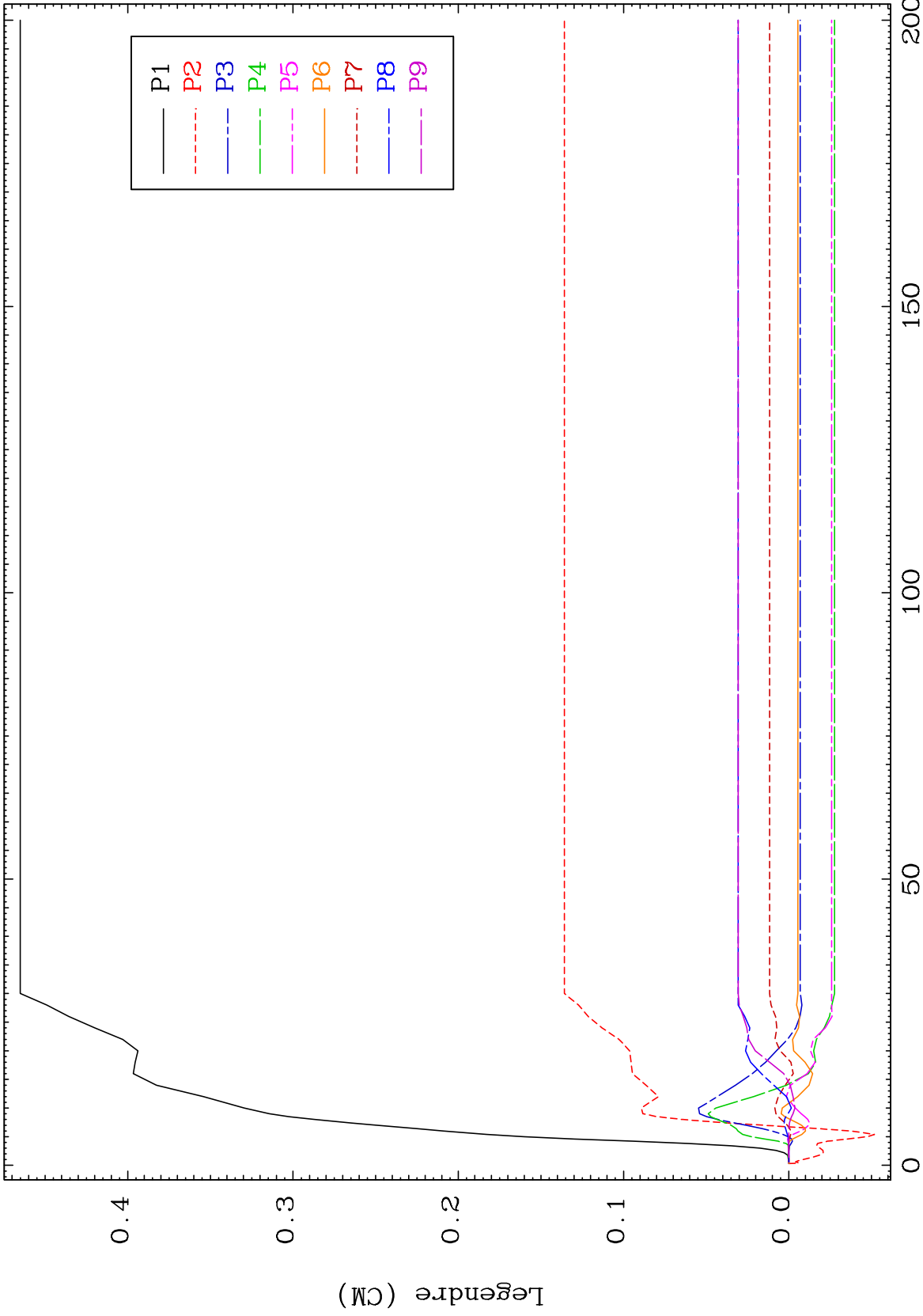
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



63

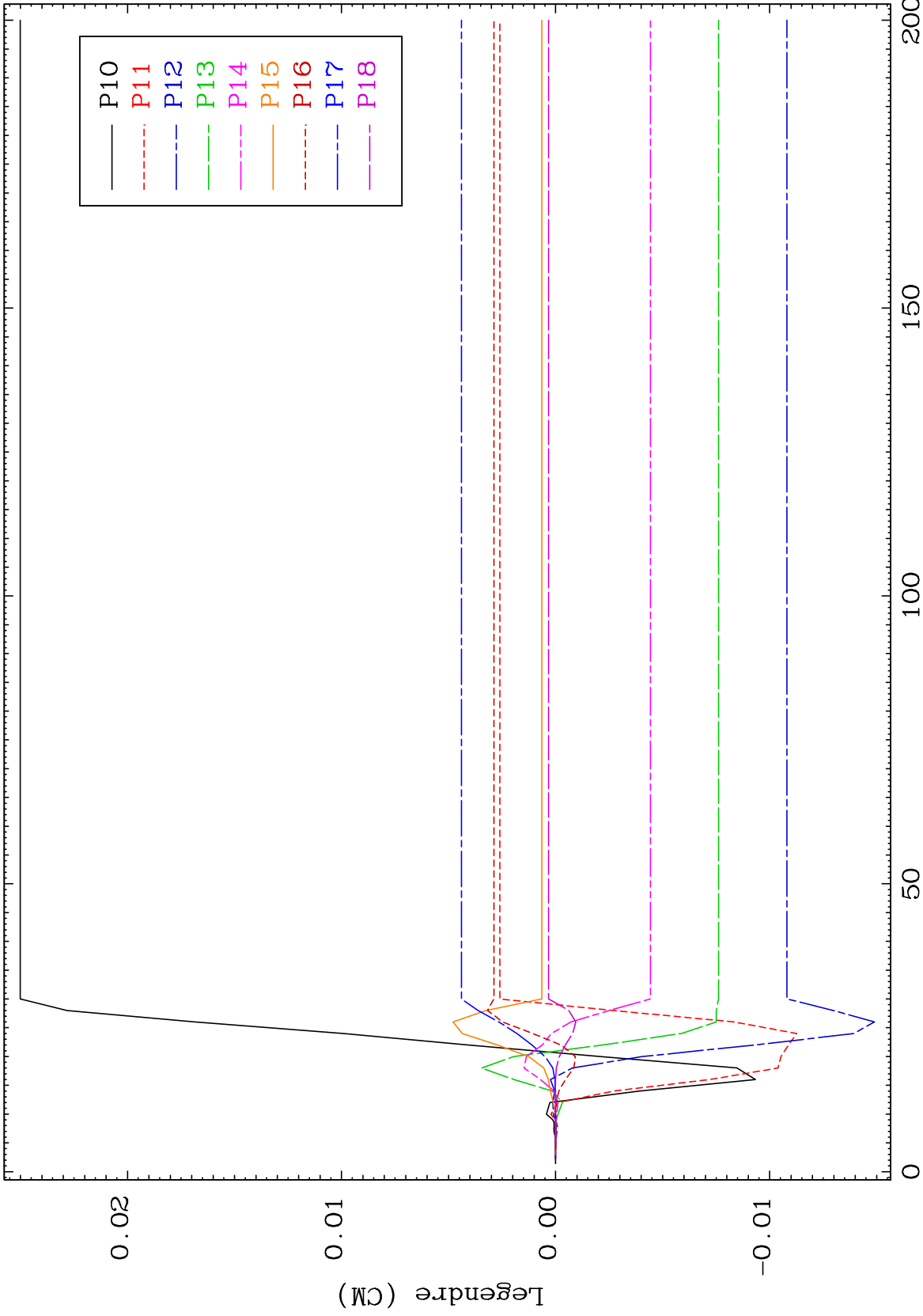
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



64

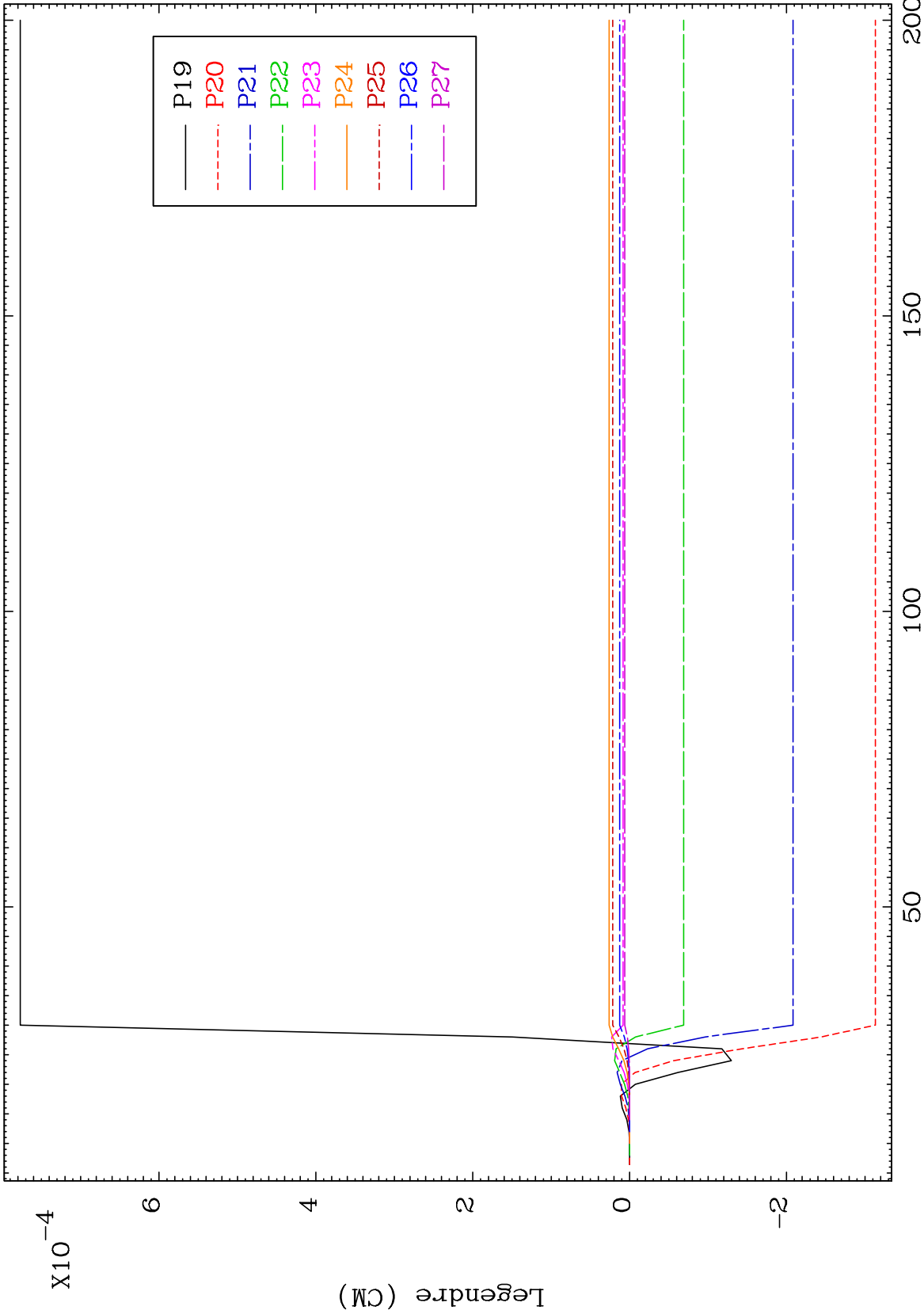
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



65

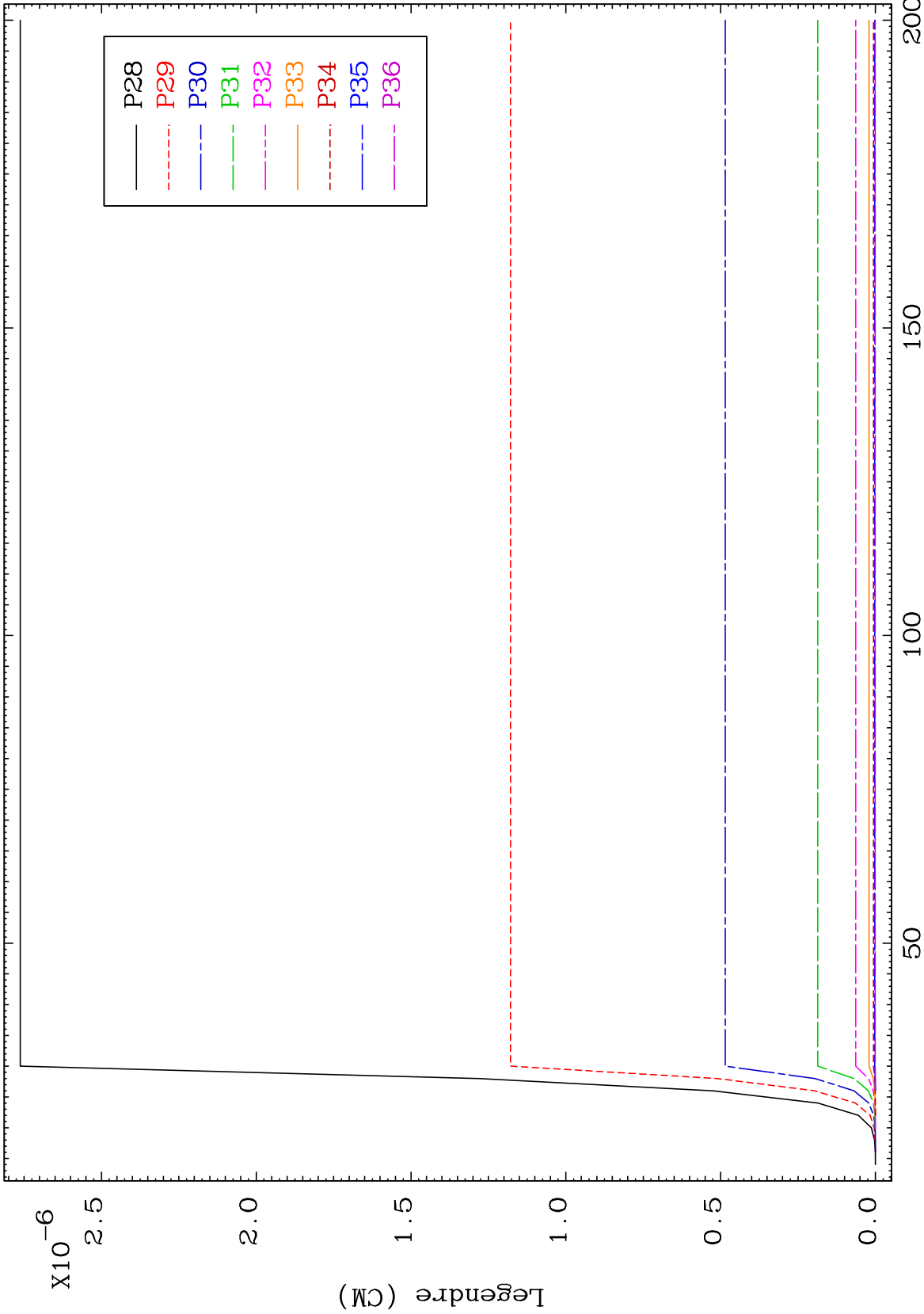
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175

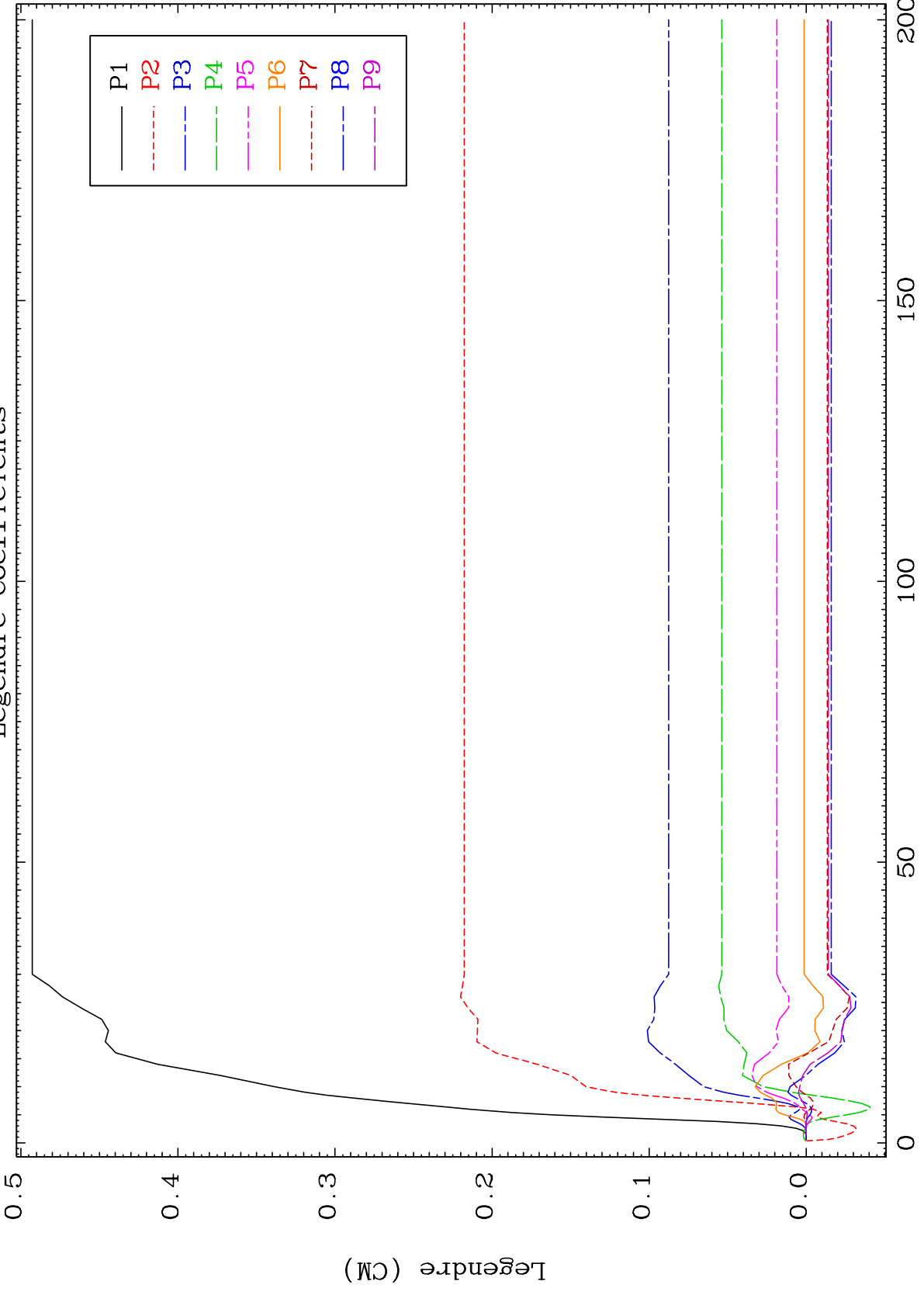


66

Incident Energy (MeV)

73-Ta-175

MAT 7310 MT= 63 (n,n') Level Legendre Coefficients 73-Ta-175

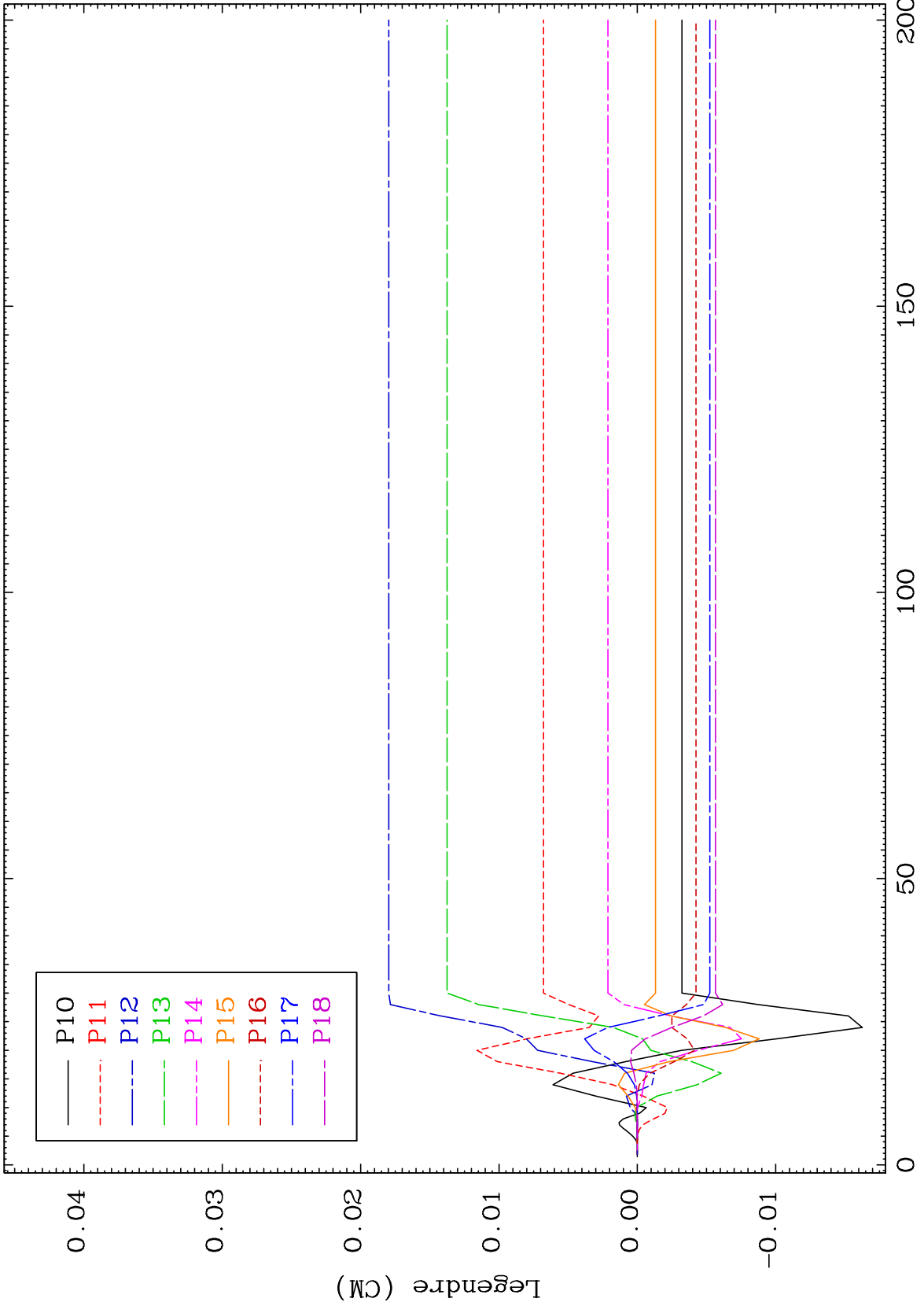


67 73-Ta-175

MAT 7310

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

73-Ta-175



68

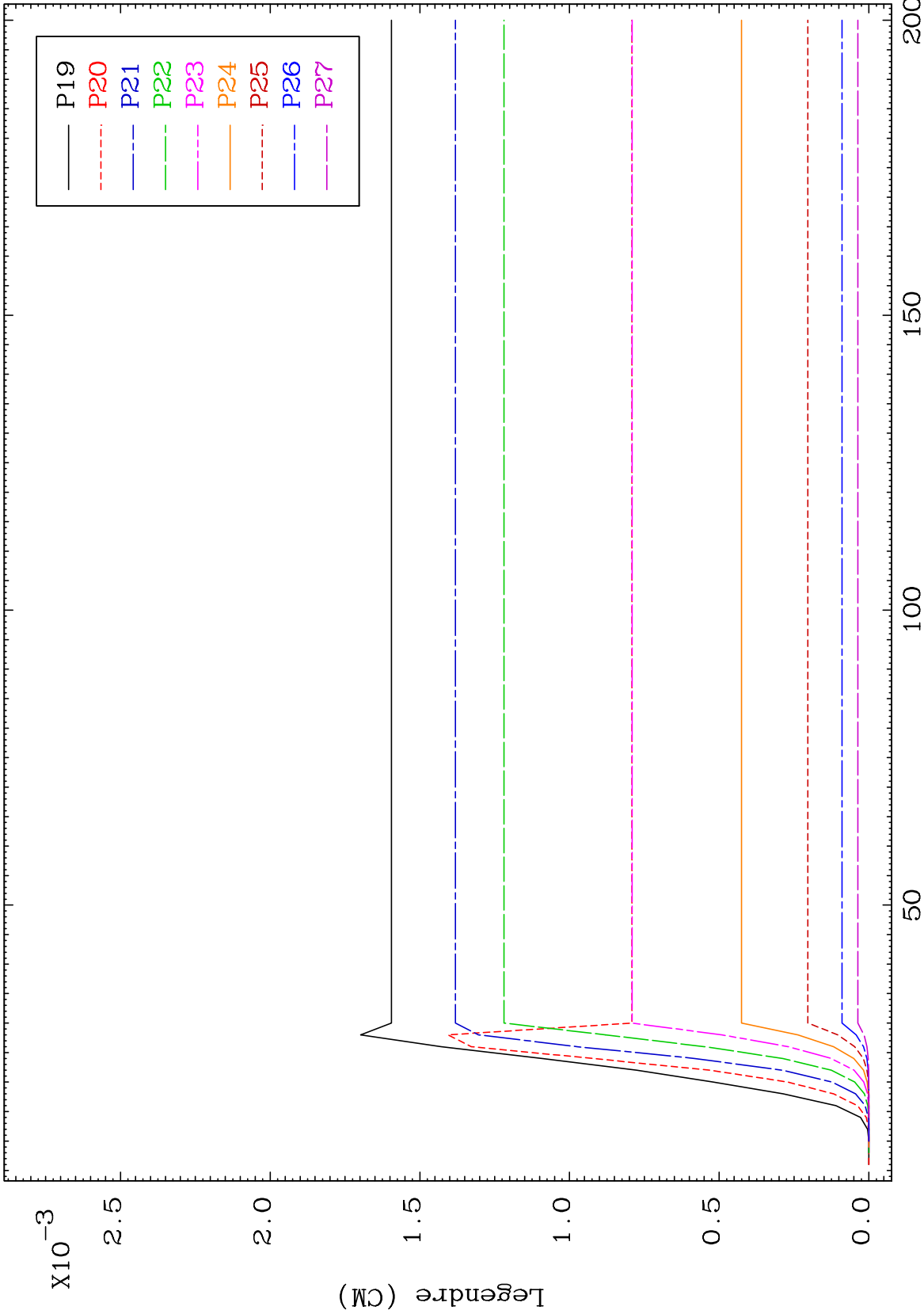
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



69

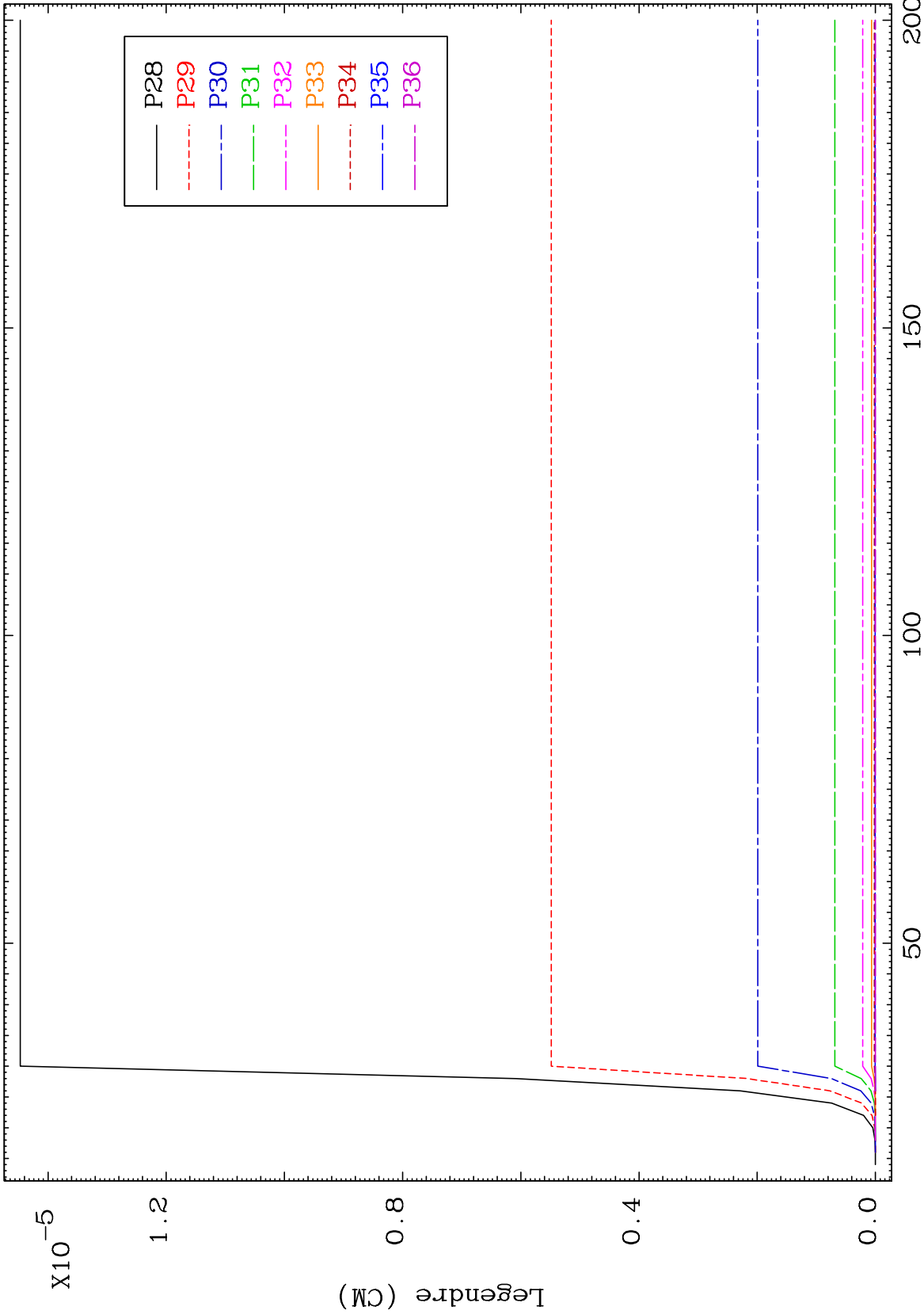
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

⁷³Ta-175



70

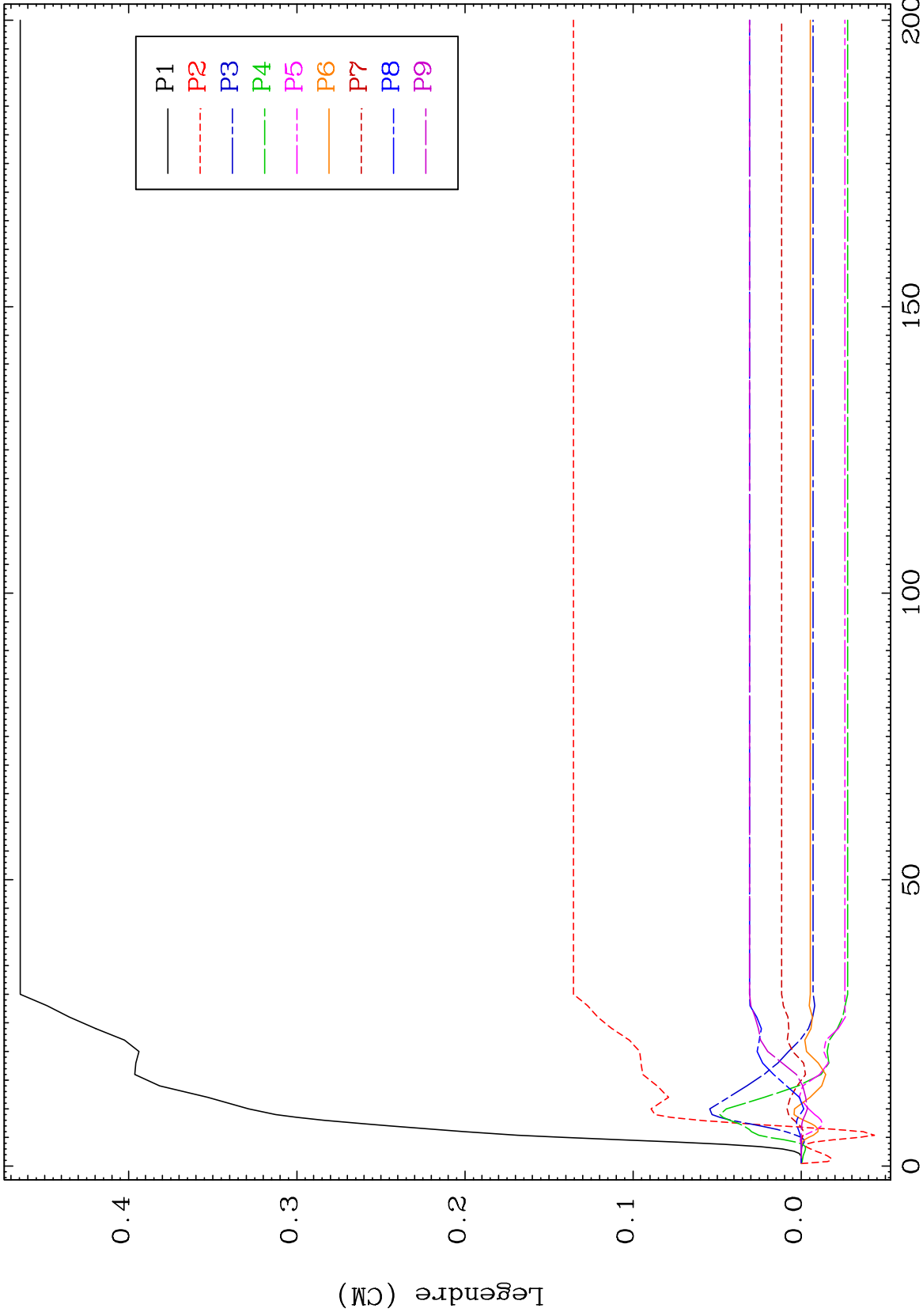
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

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

73-Ta-175



71

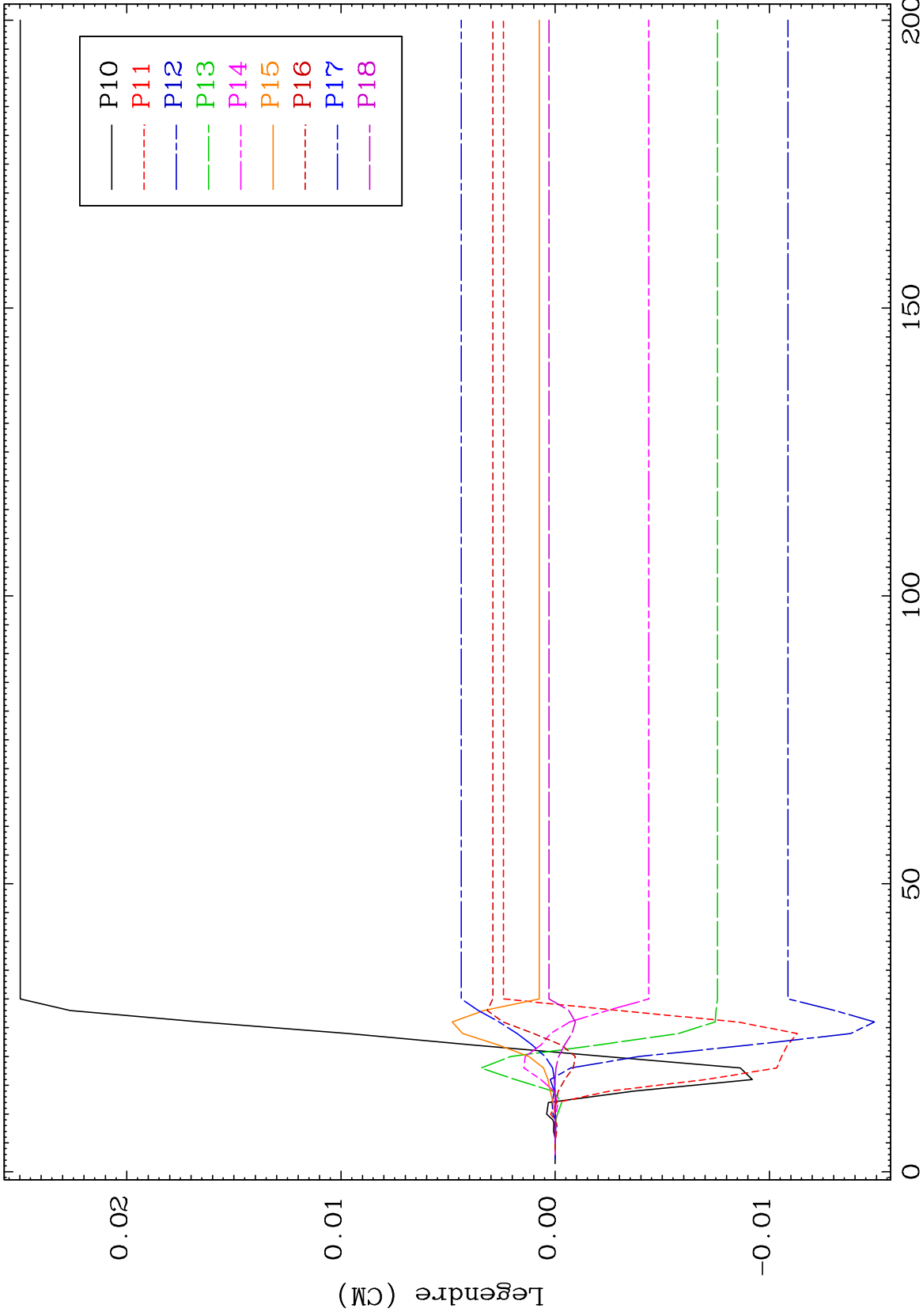
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



72

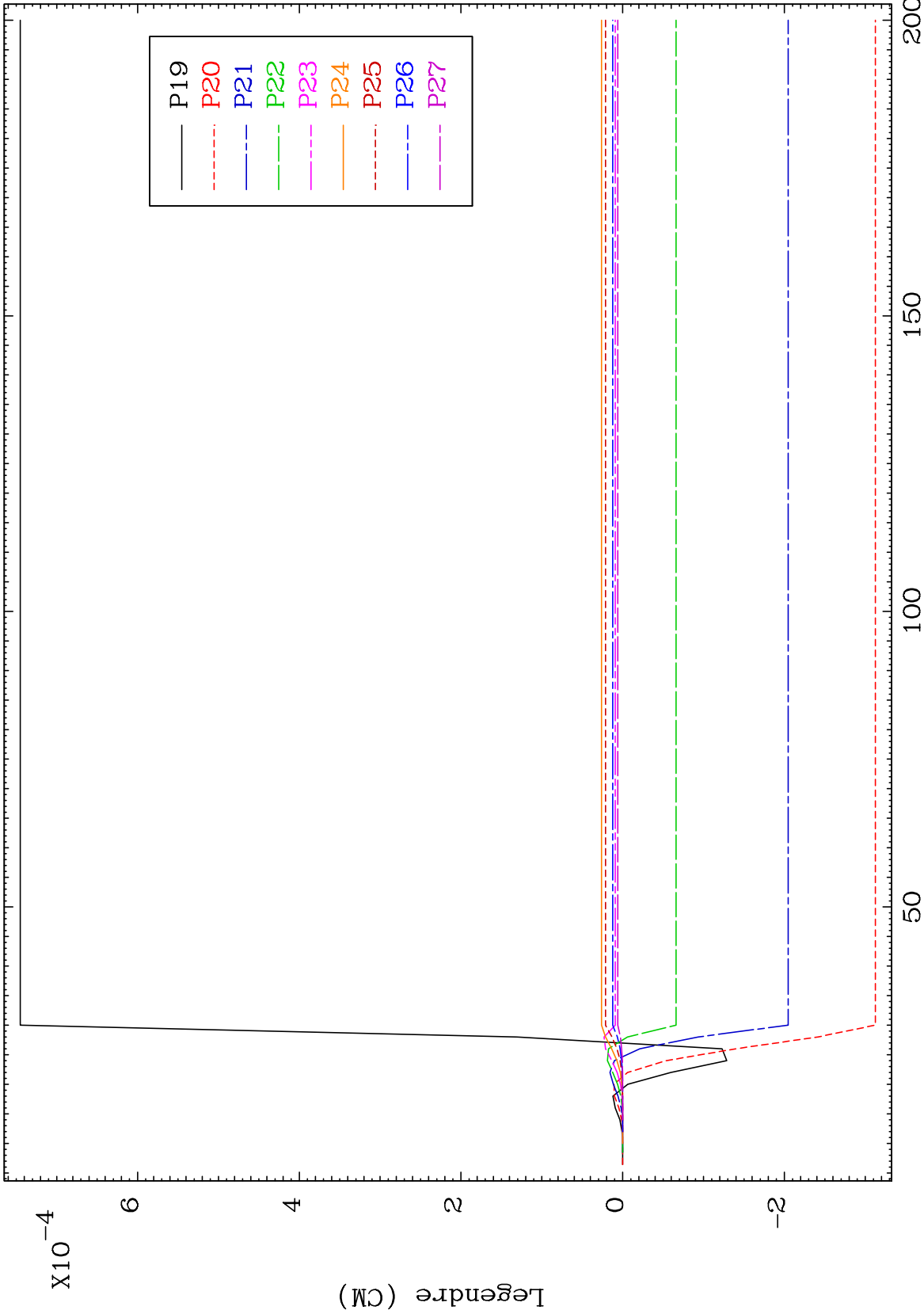
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



73

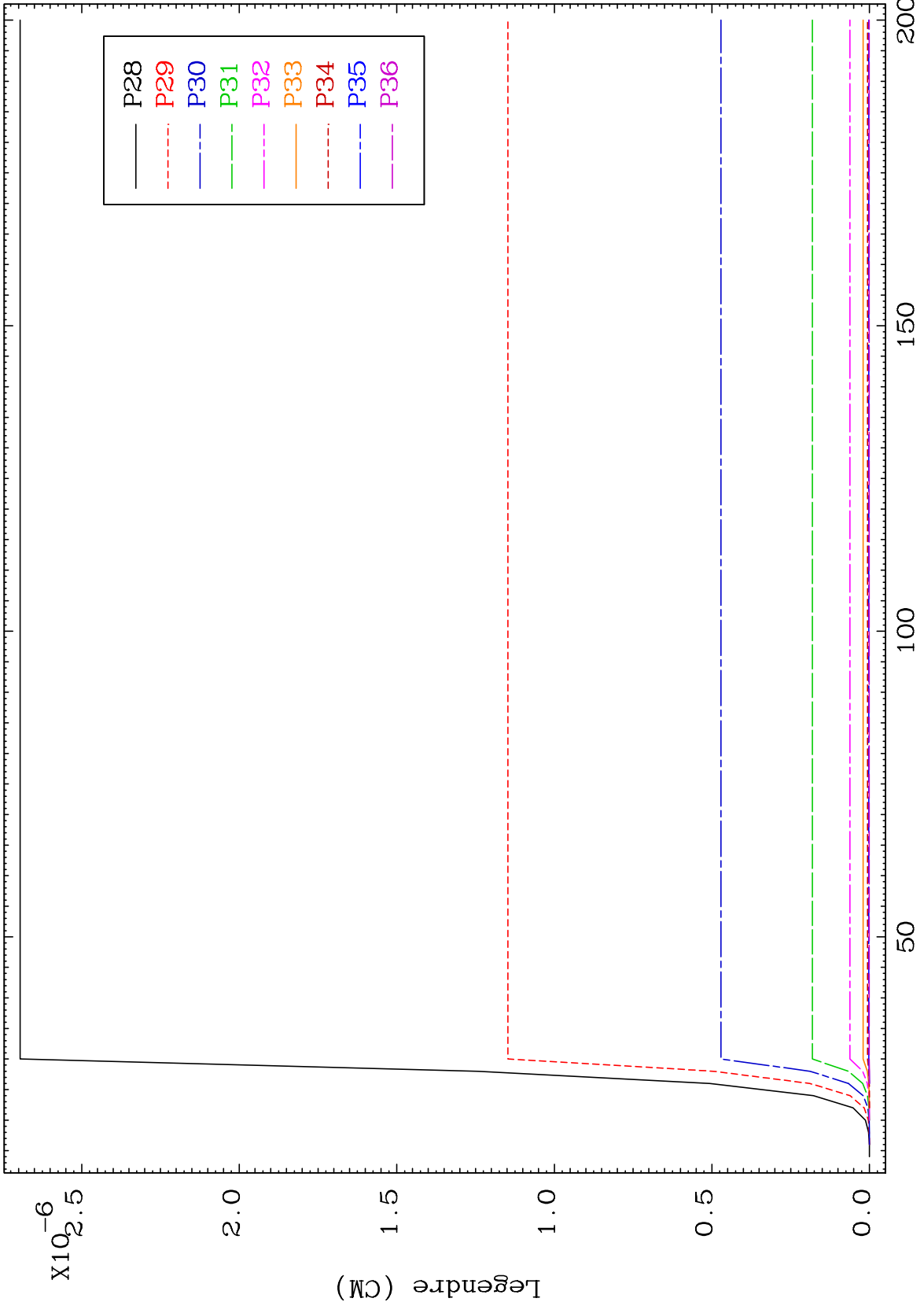
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175

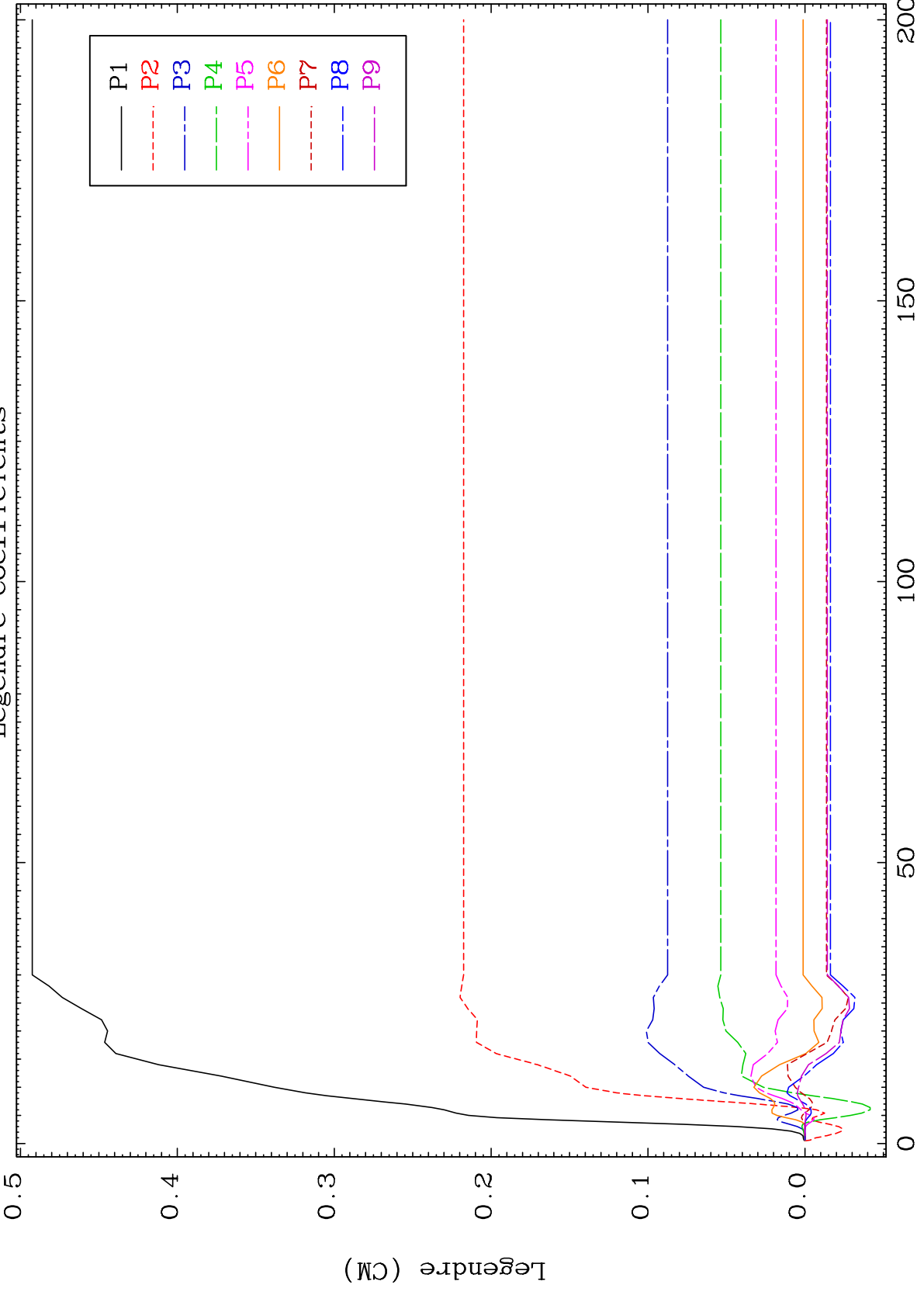


74

Incident Energy (MeV)

73-Ta-175

MAT 7310 MT= 65 (n,n') Level Legendre Coefficients 73-Ta-175

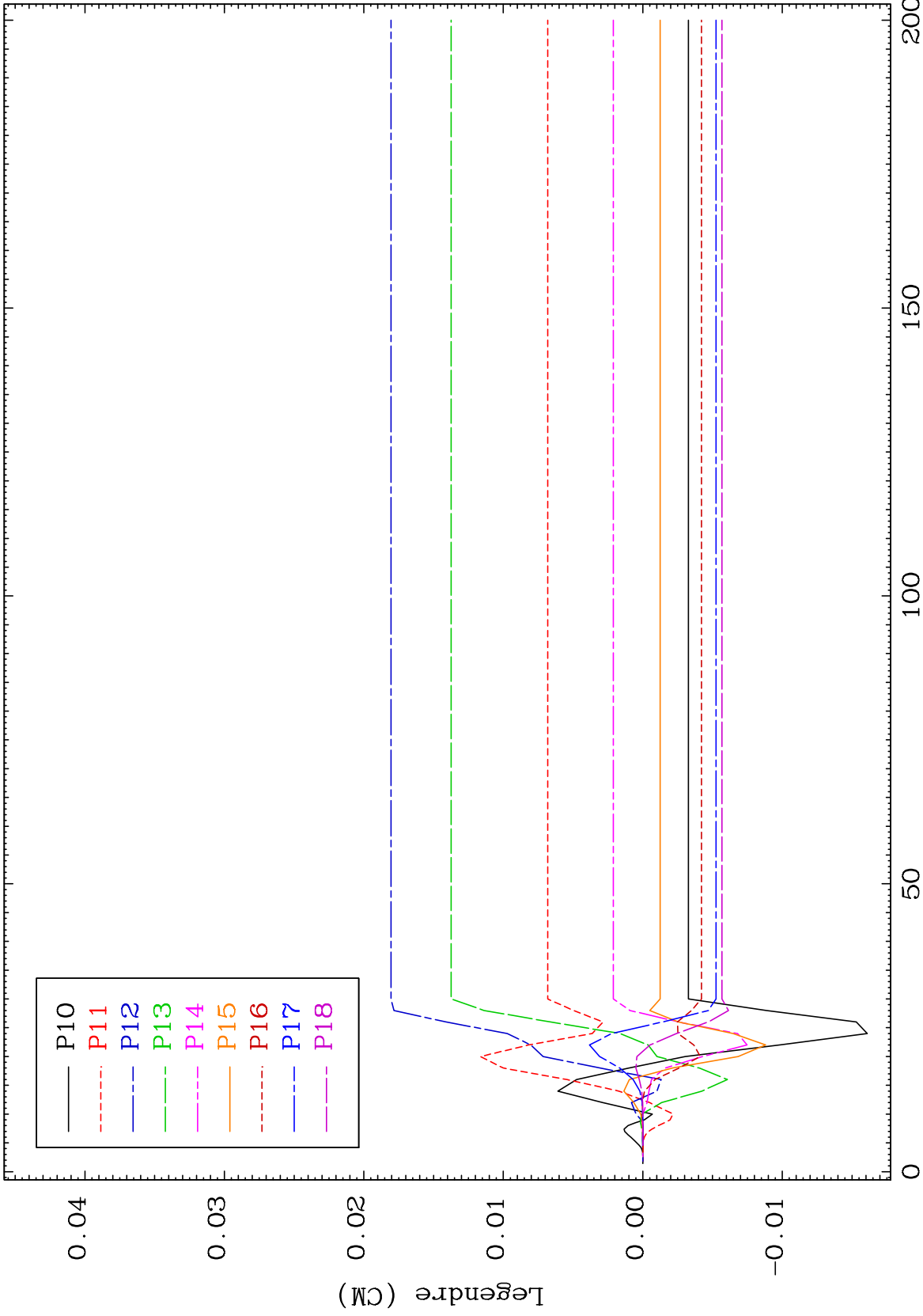


73-Ta-175

MAT 7310

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

73-Ta-175



76

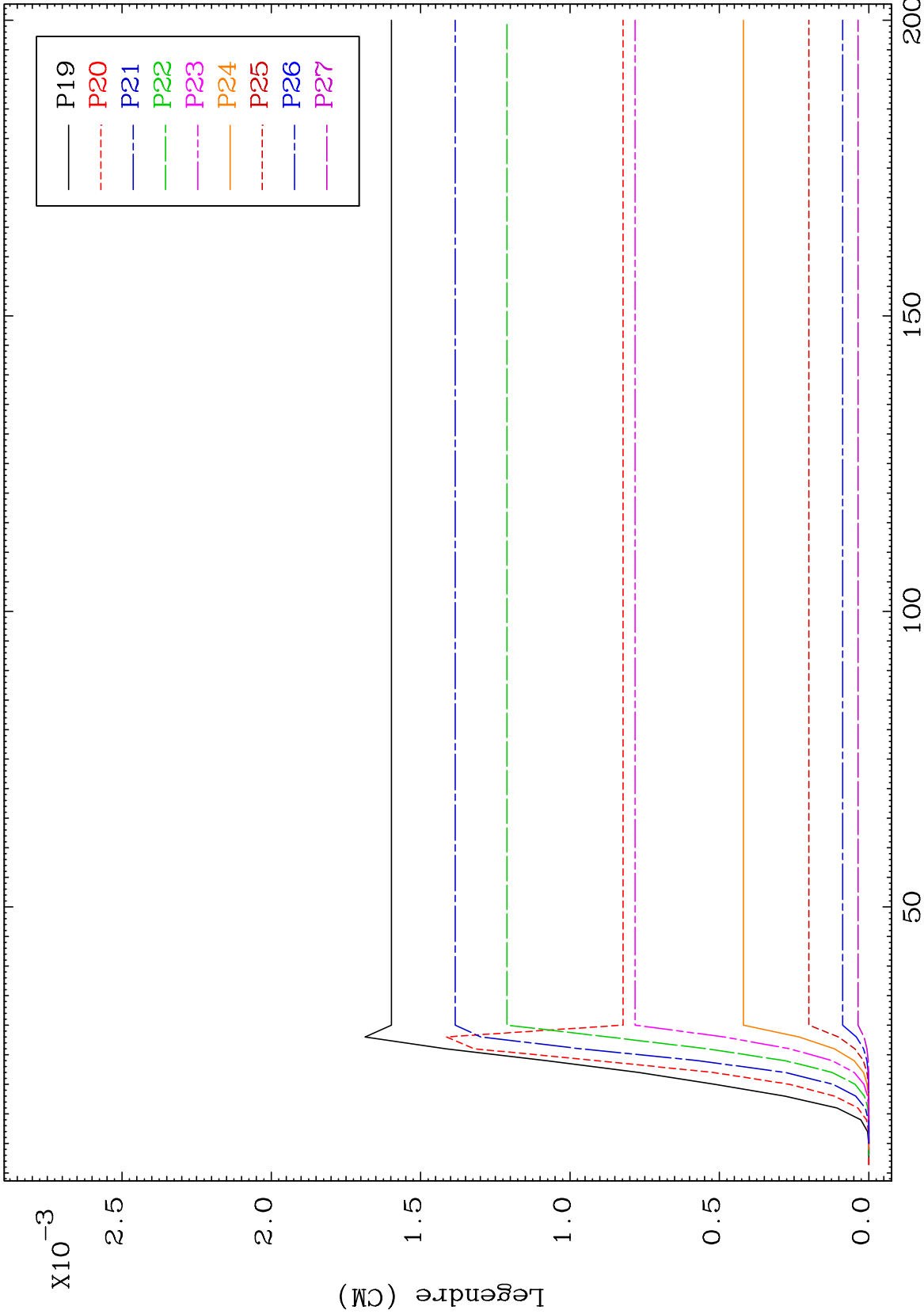
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



77

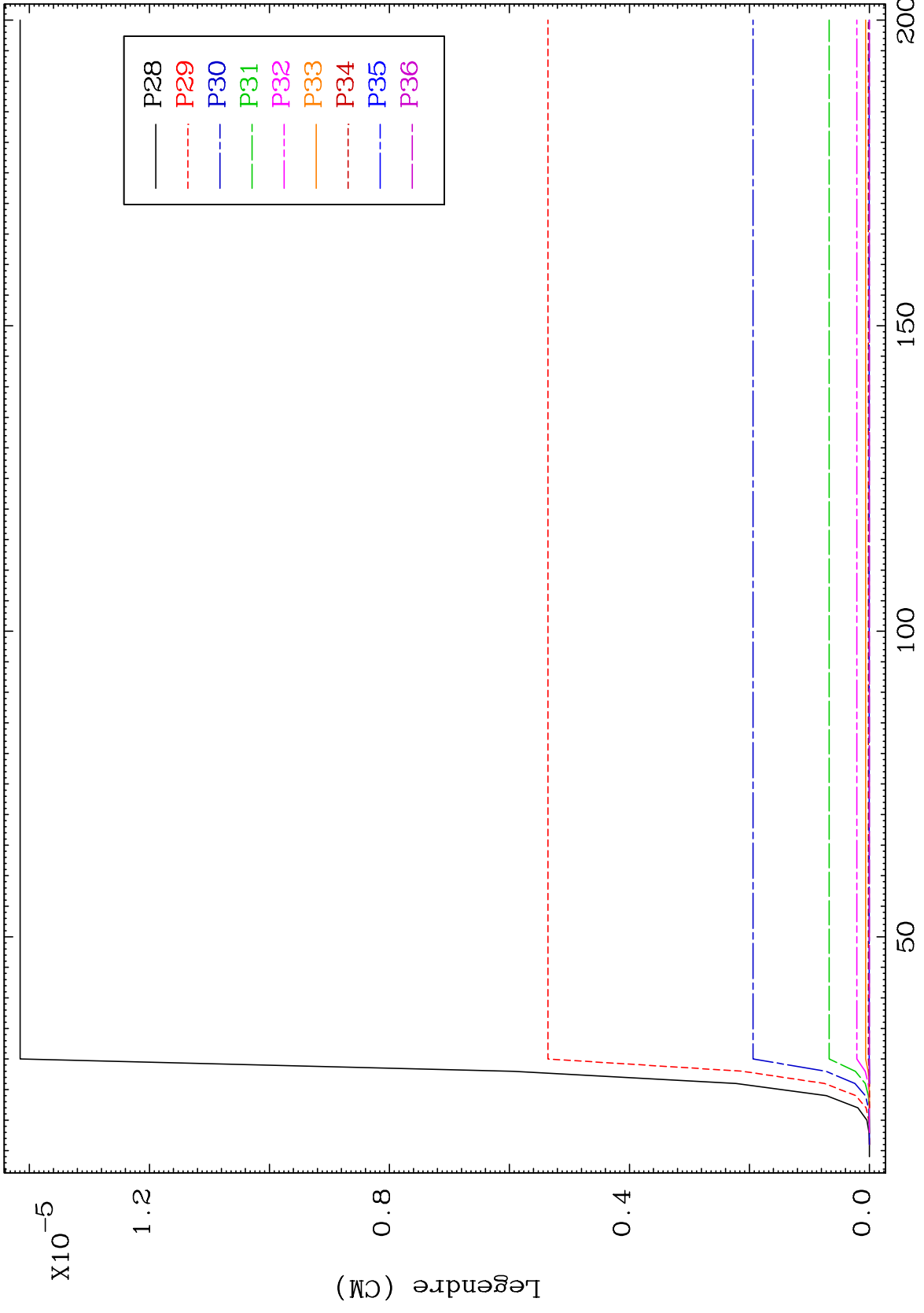
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



78

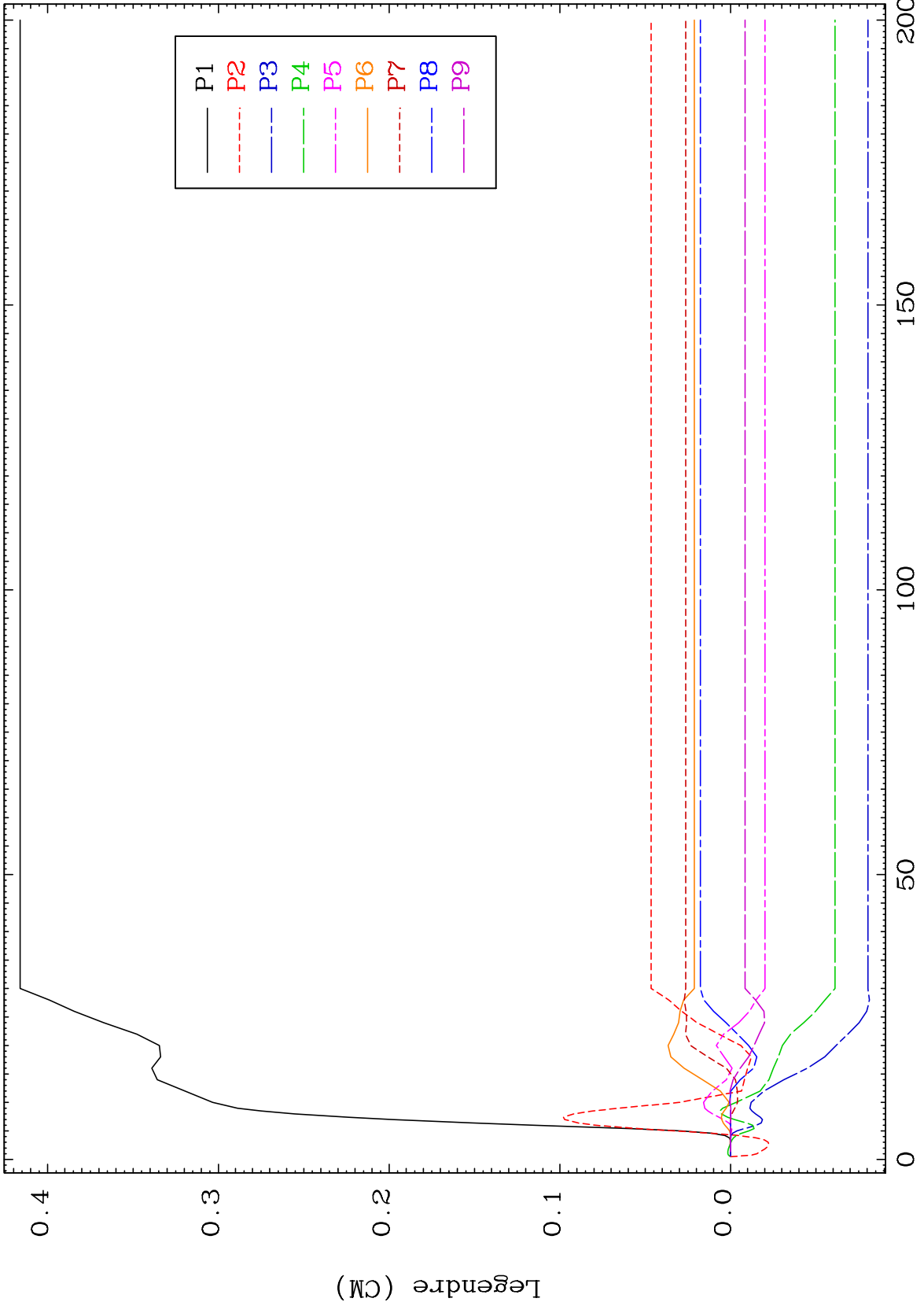
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



79

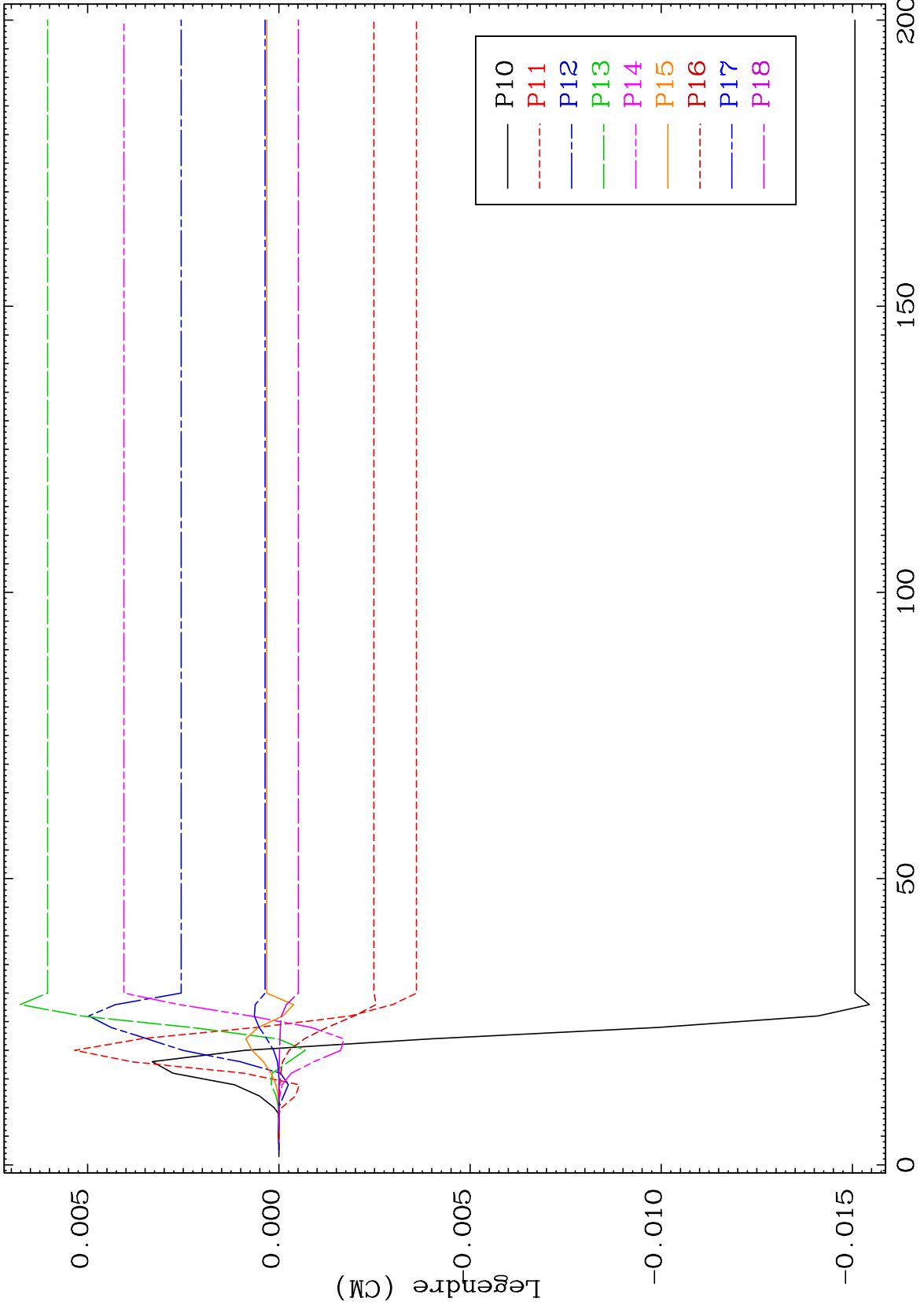
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



80

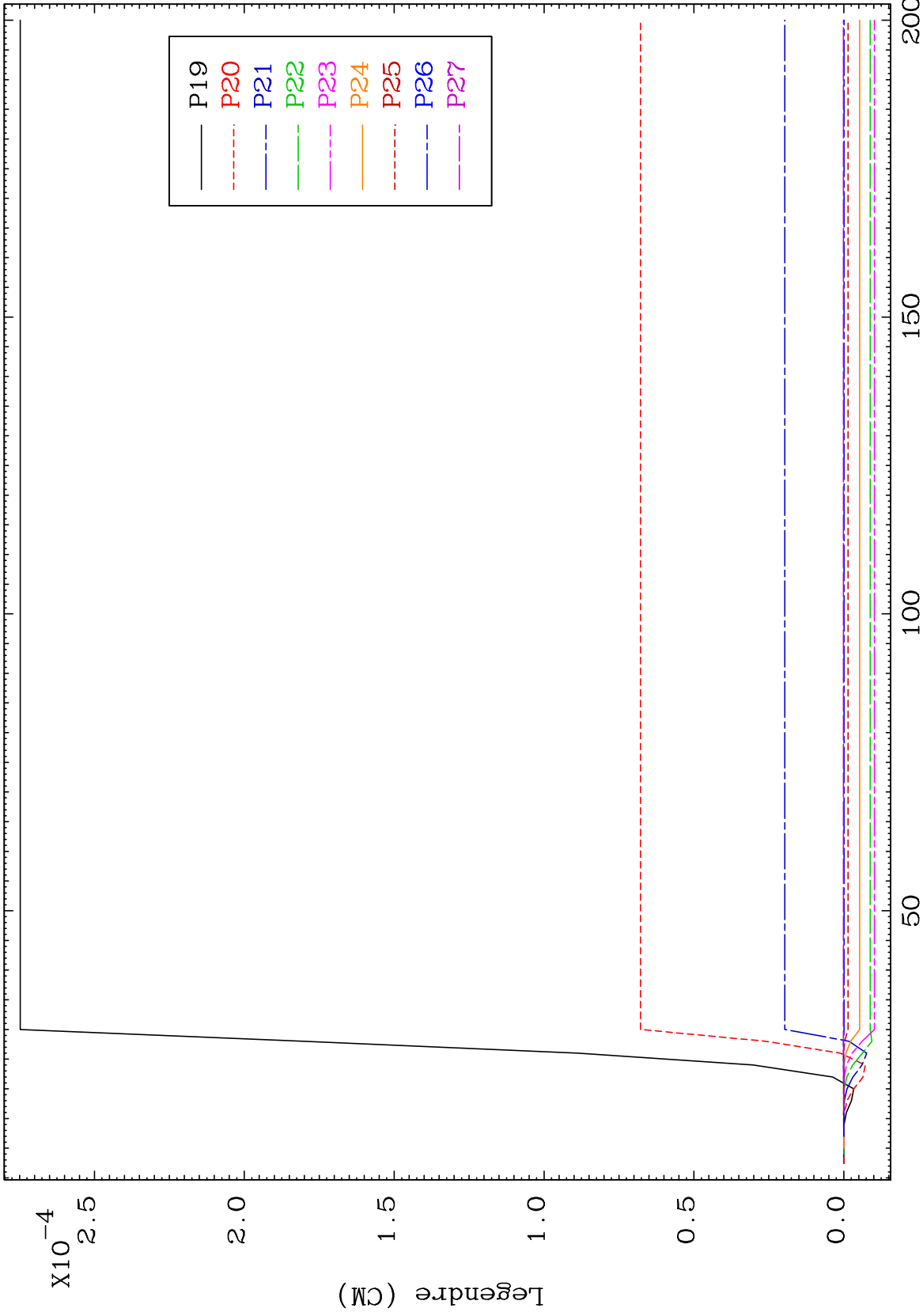
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



81

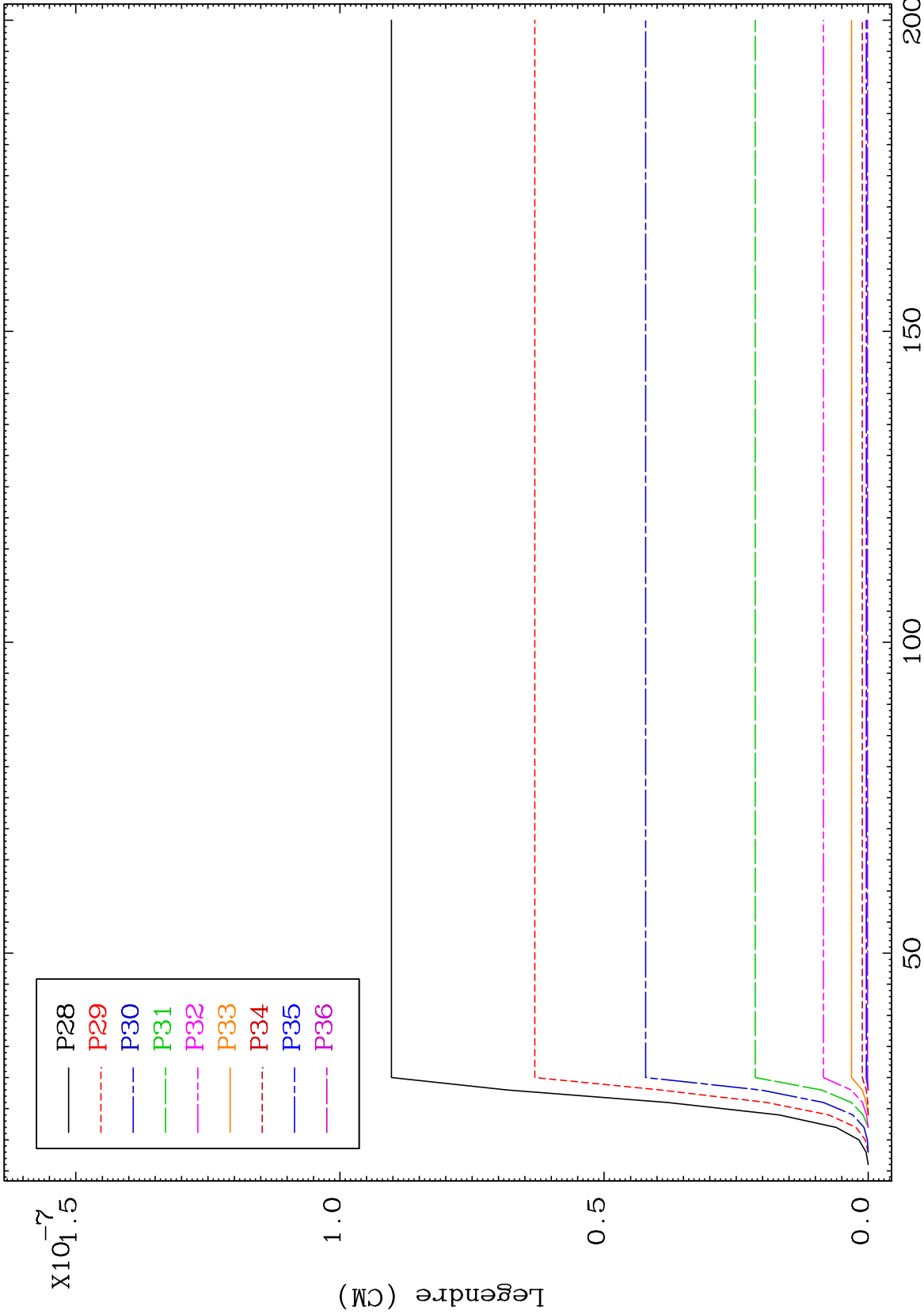
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



82

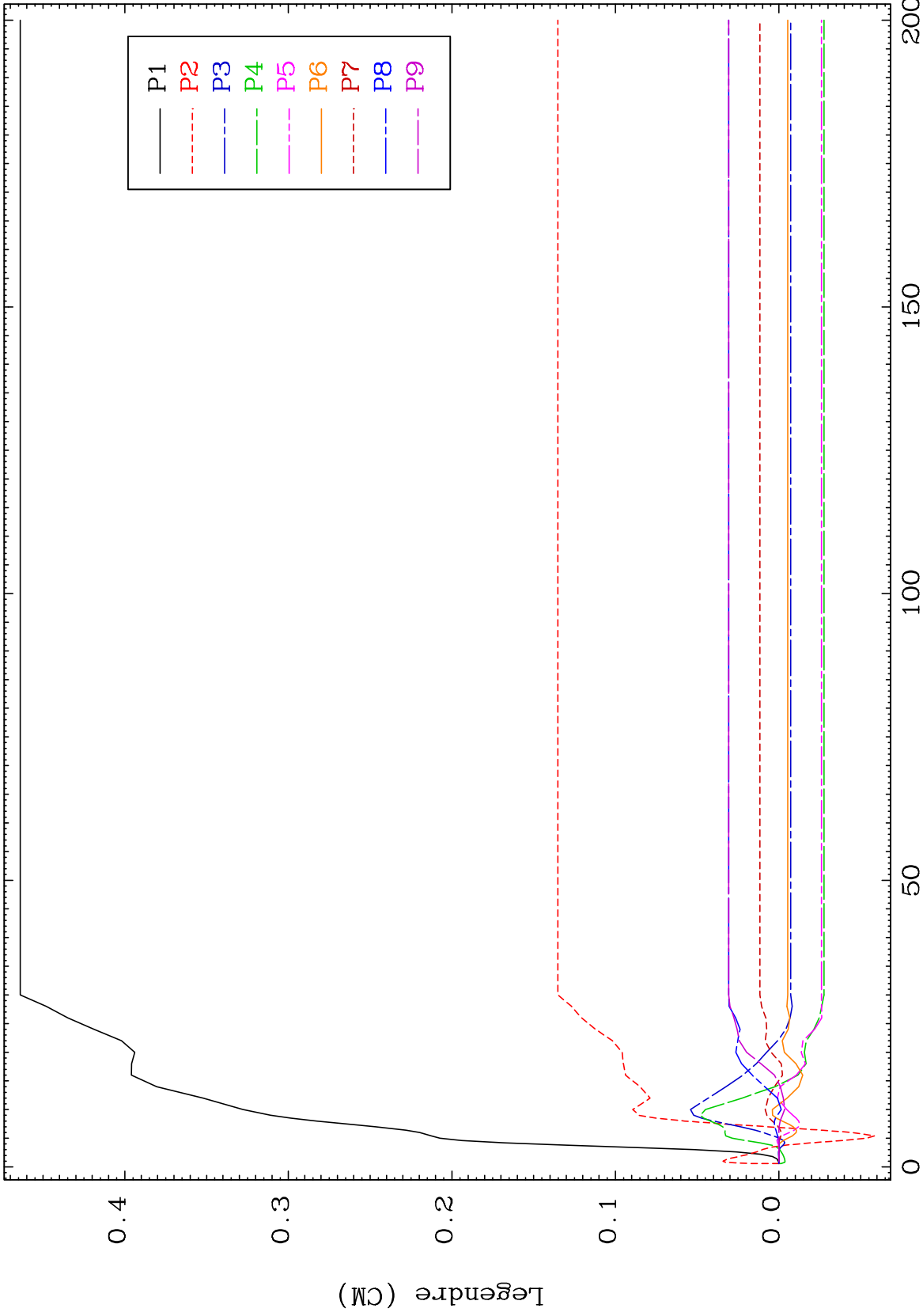
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



83

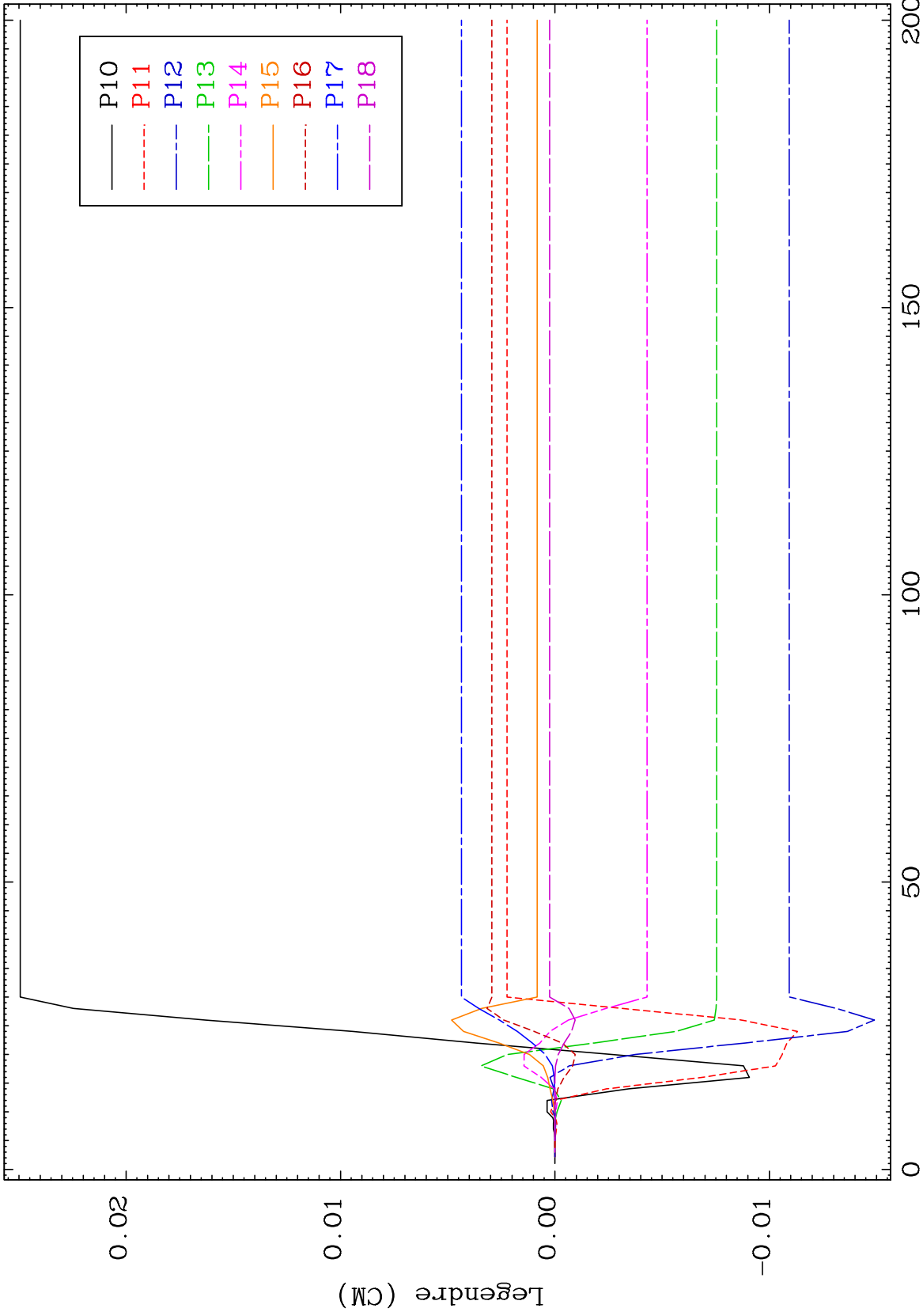
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



84

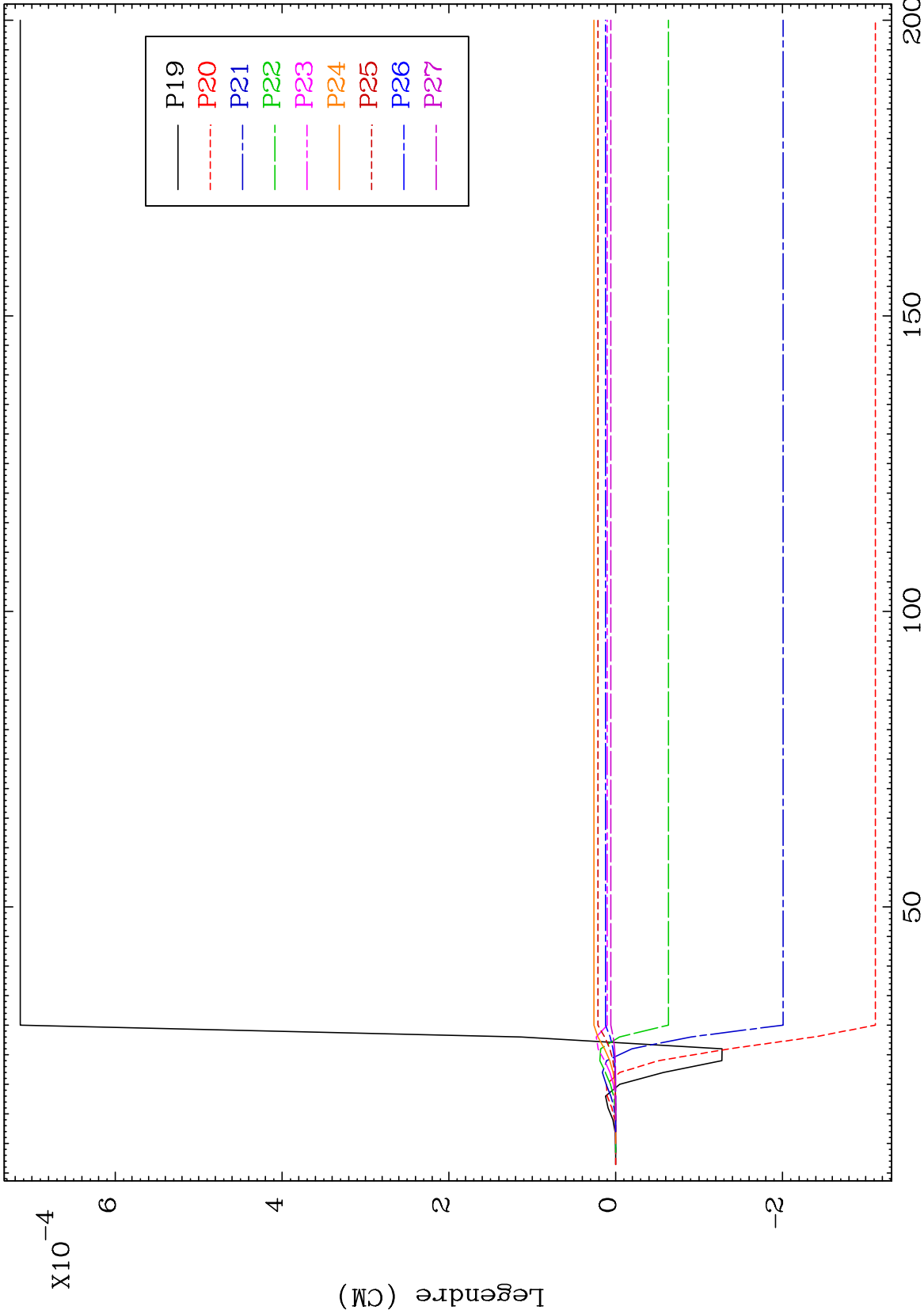
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



85

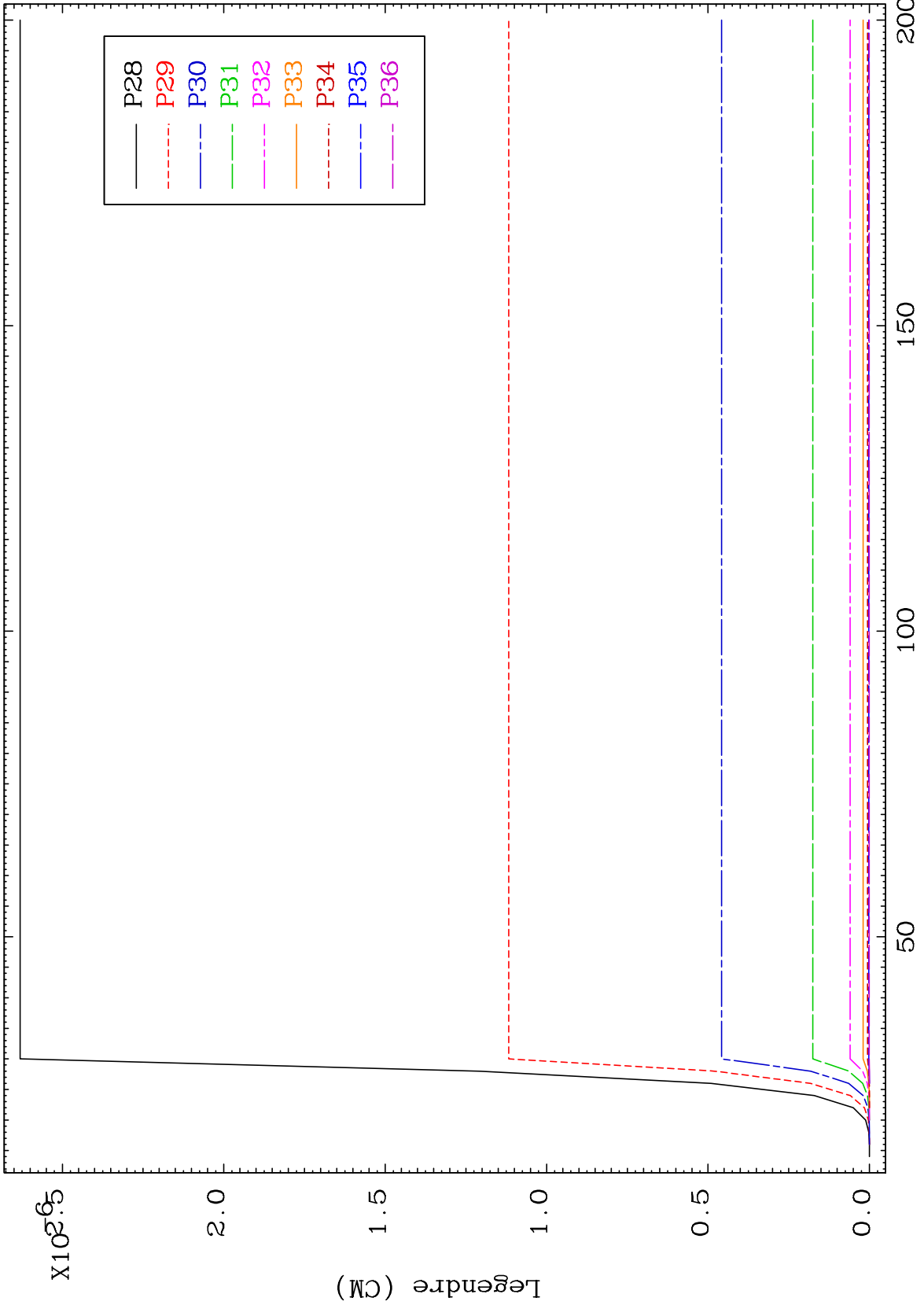
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



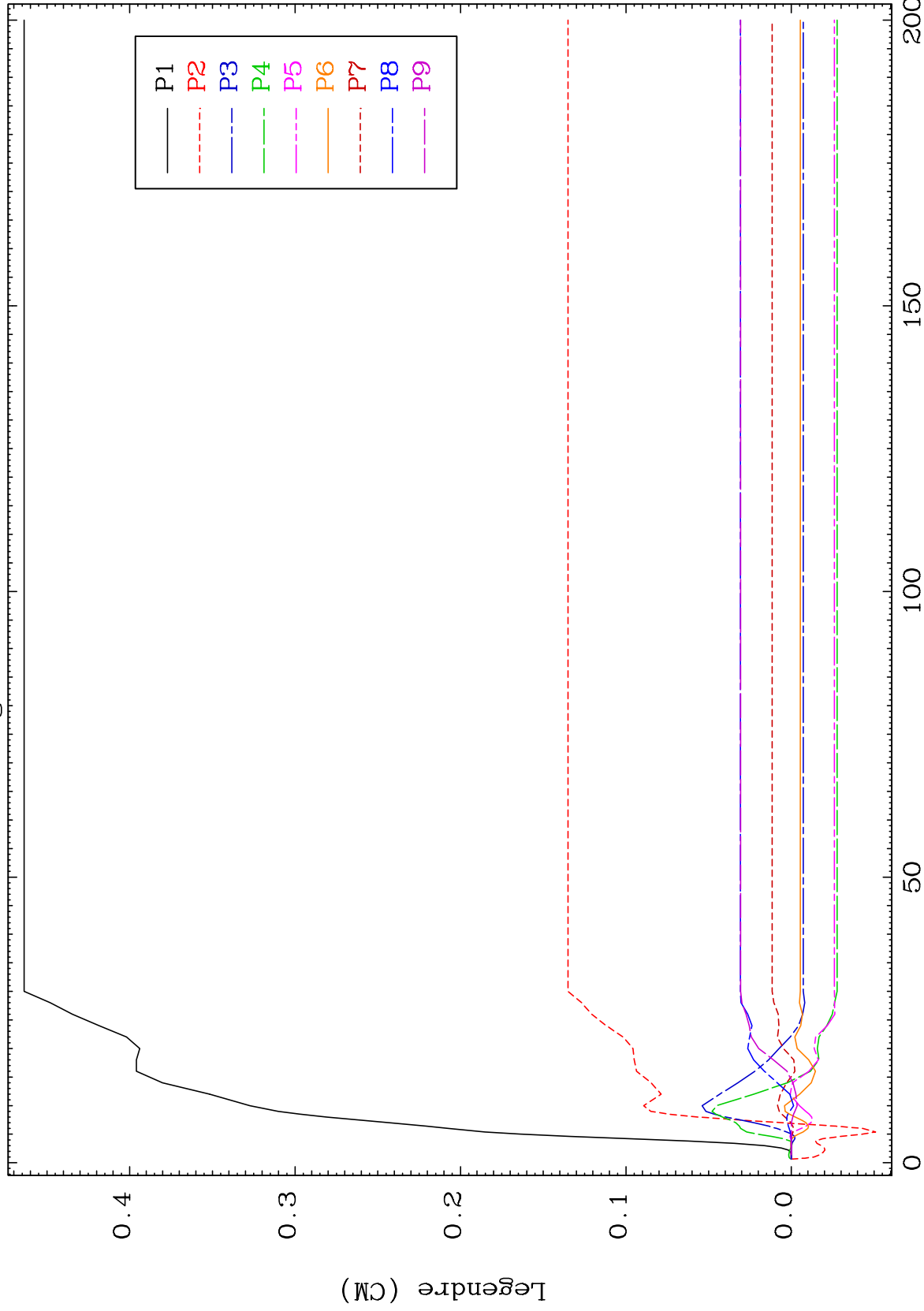
86

73-Ta-175

MAT 7310

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

⁷³Ta-175



87

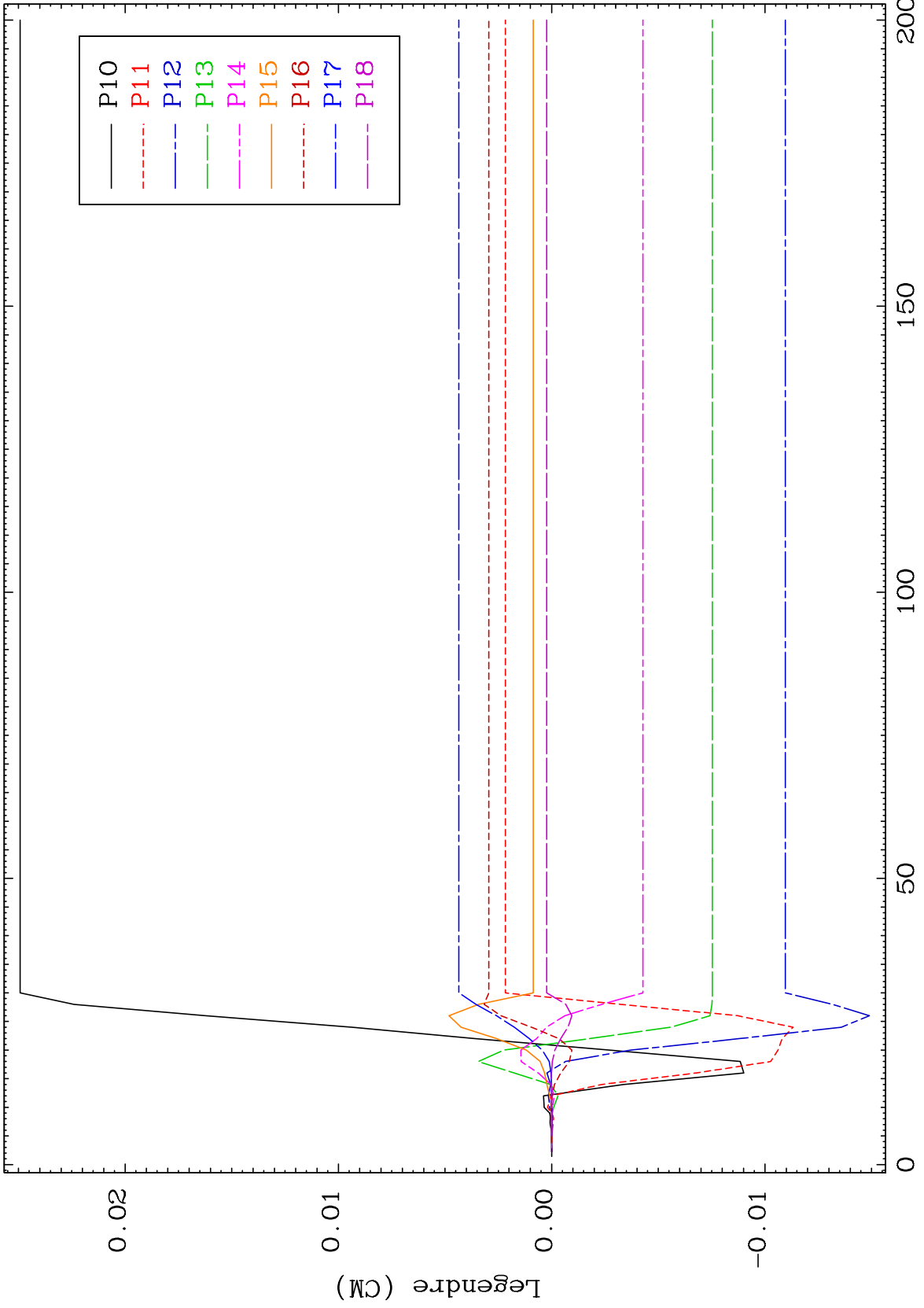
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

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

73-Ta-175



88

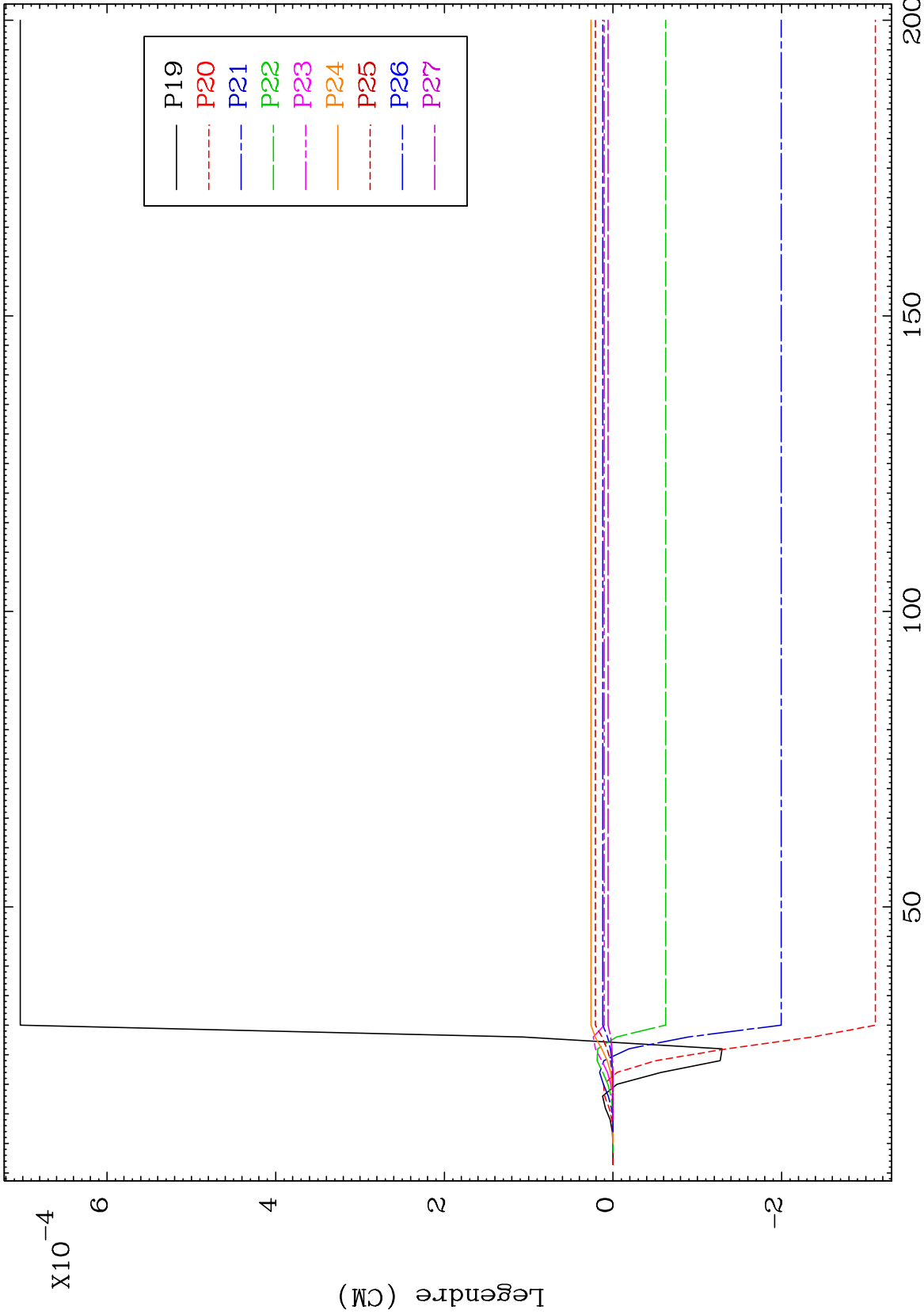
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



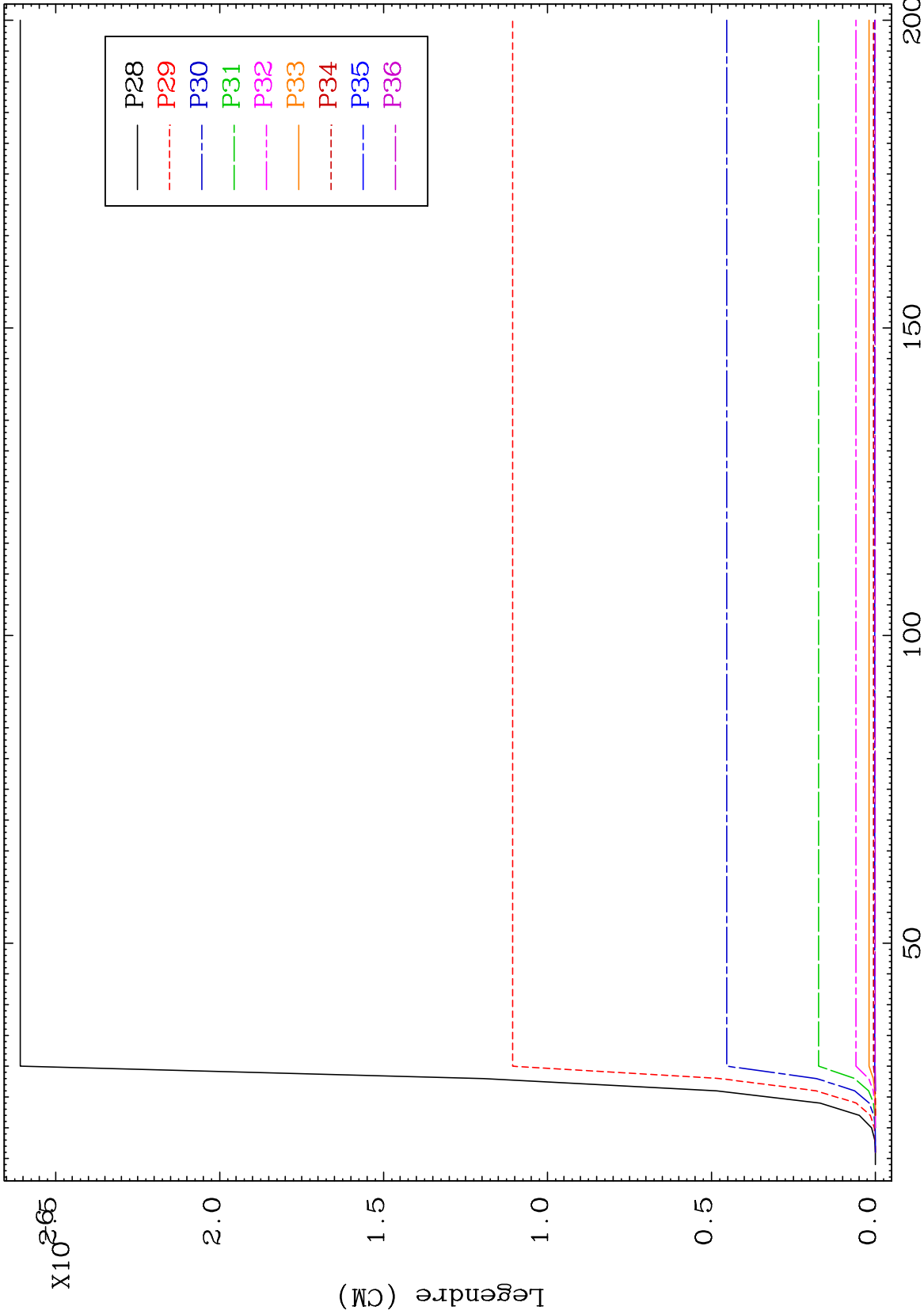
89

73-Ta-175

MAT 7310

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

73-Ta-175



90

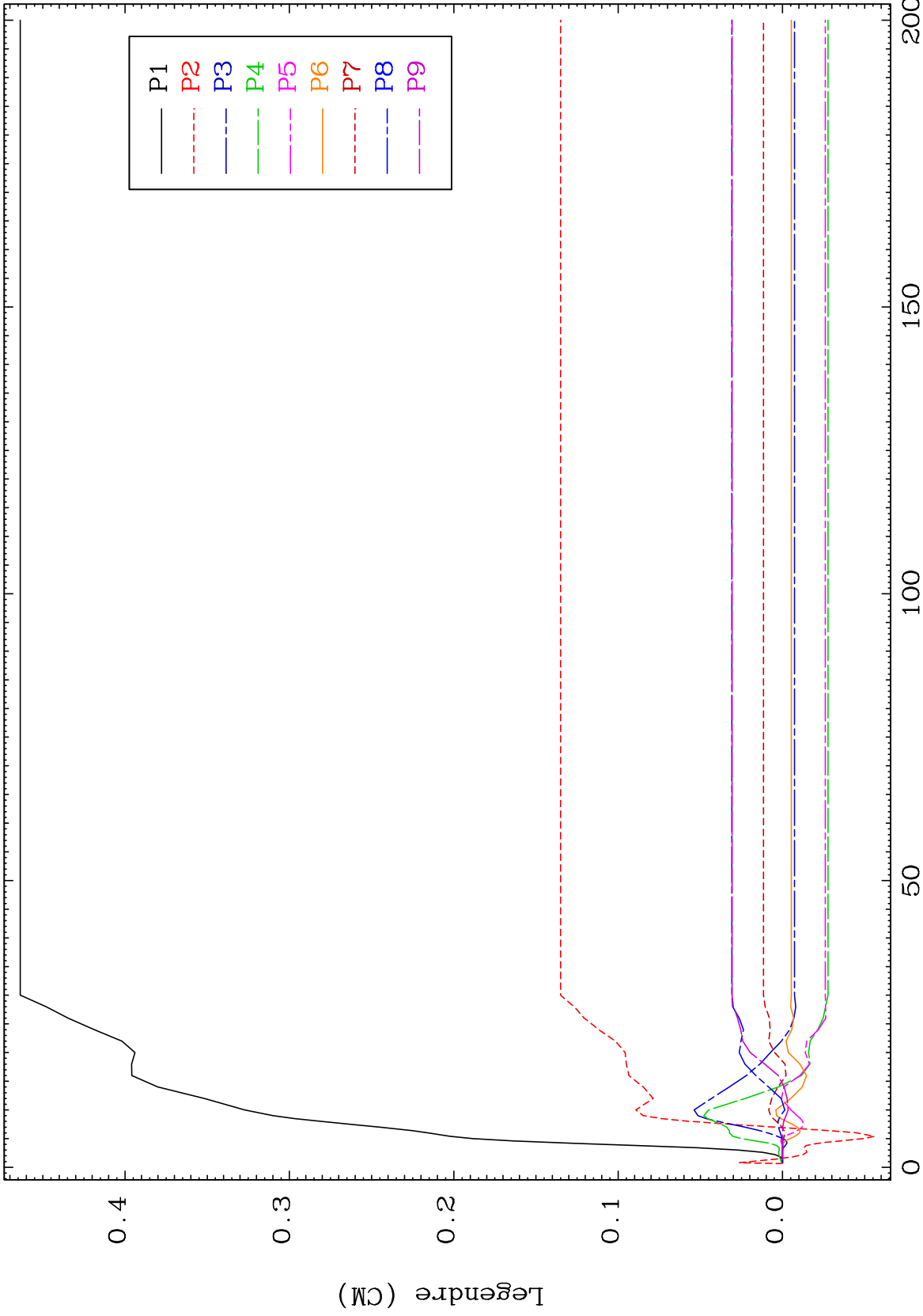
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



91

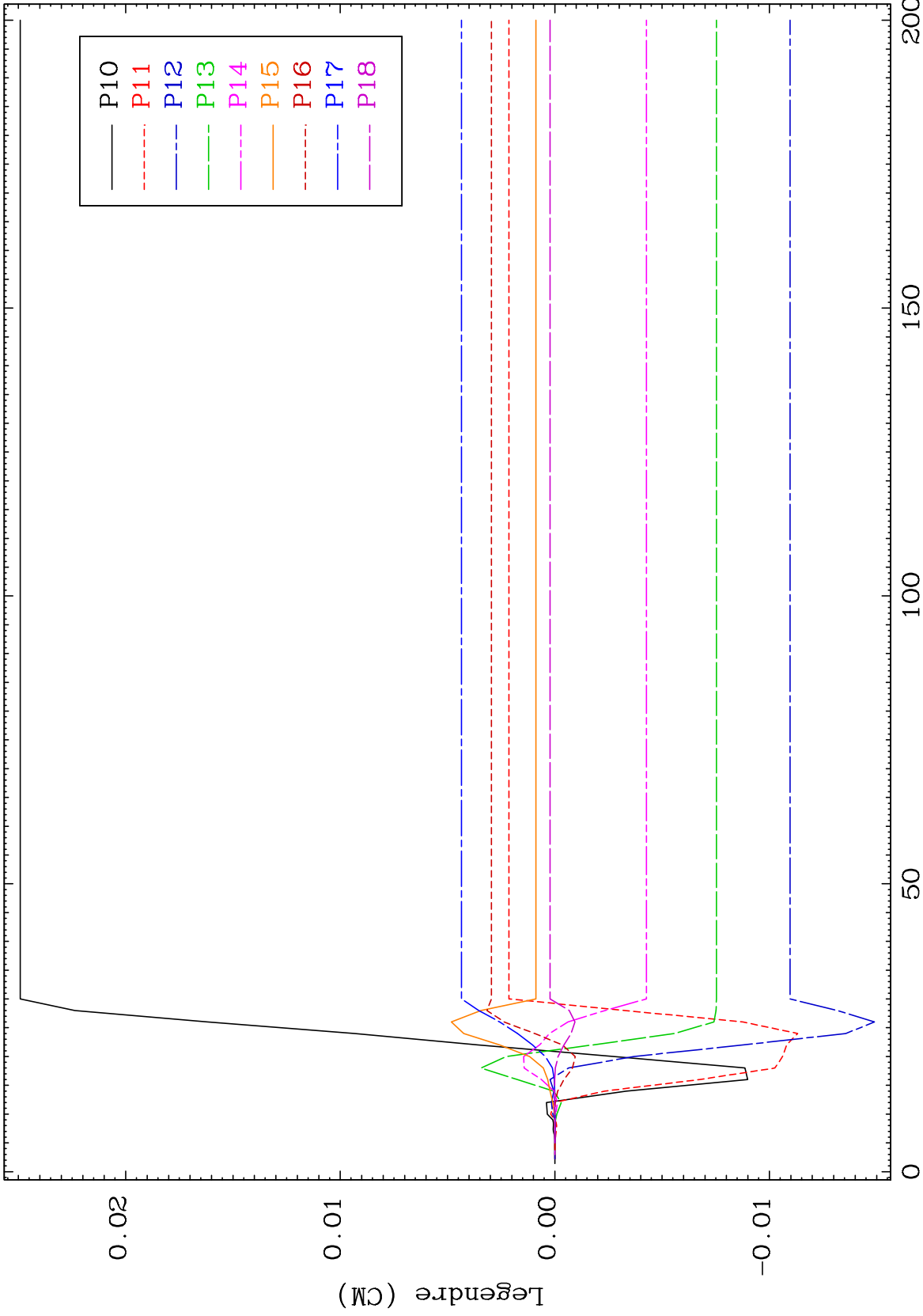
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



92

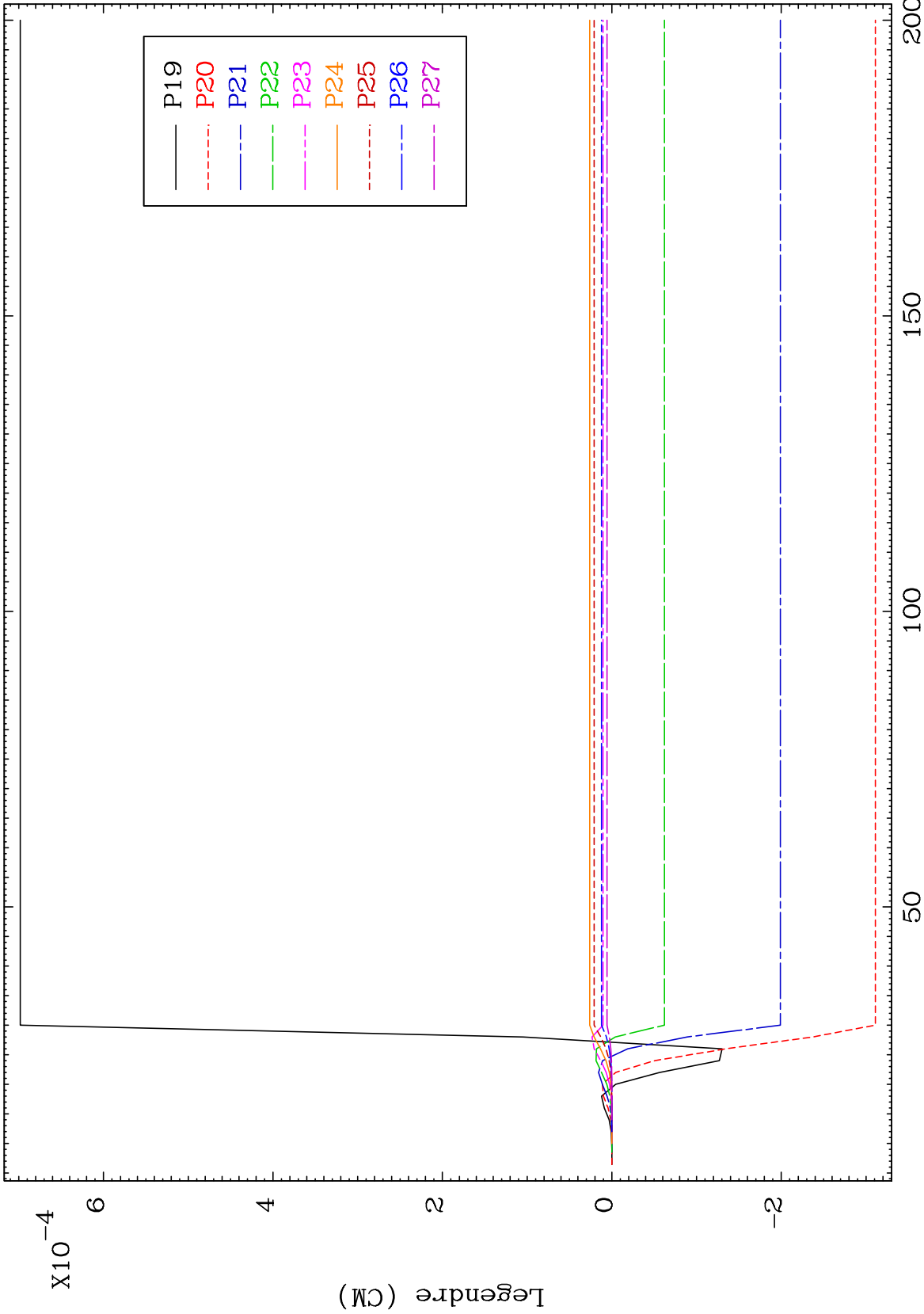
Incident Energy (MeV)

73-Ta-175

MAT 7310

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

73-Ta-175



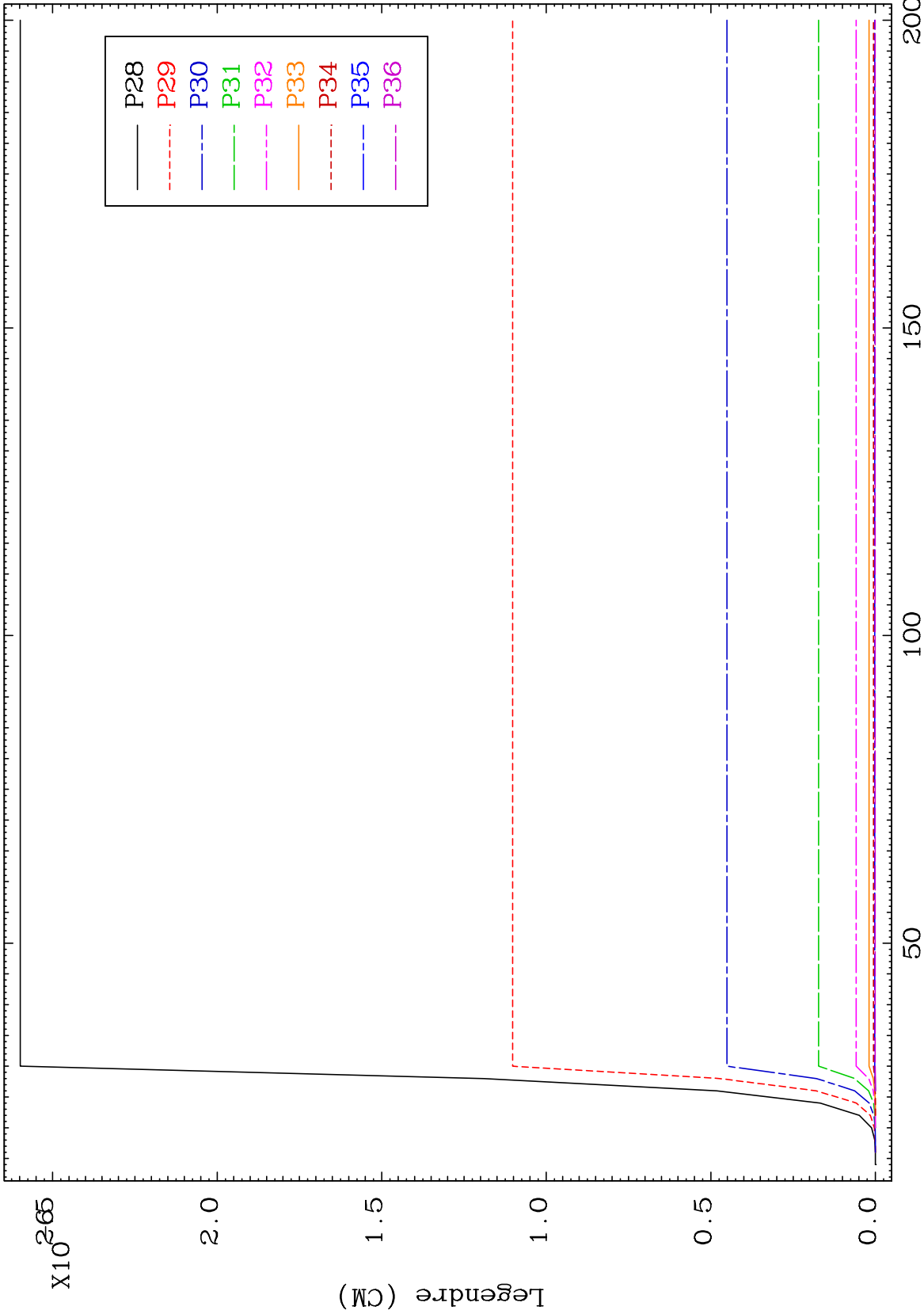
93

73-Ta-175

MAT 7310

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

73-Ta-175



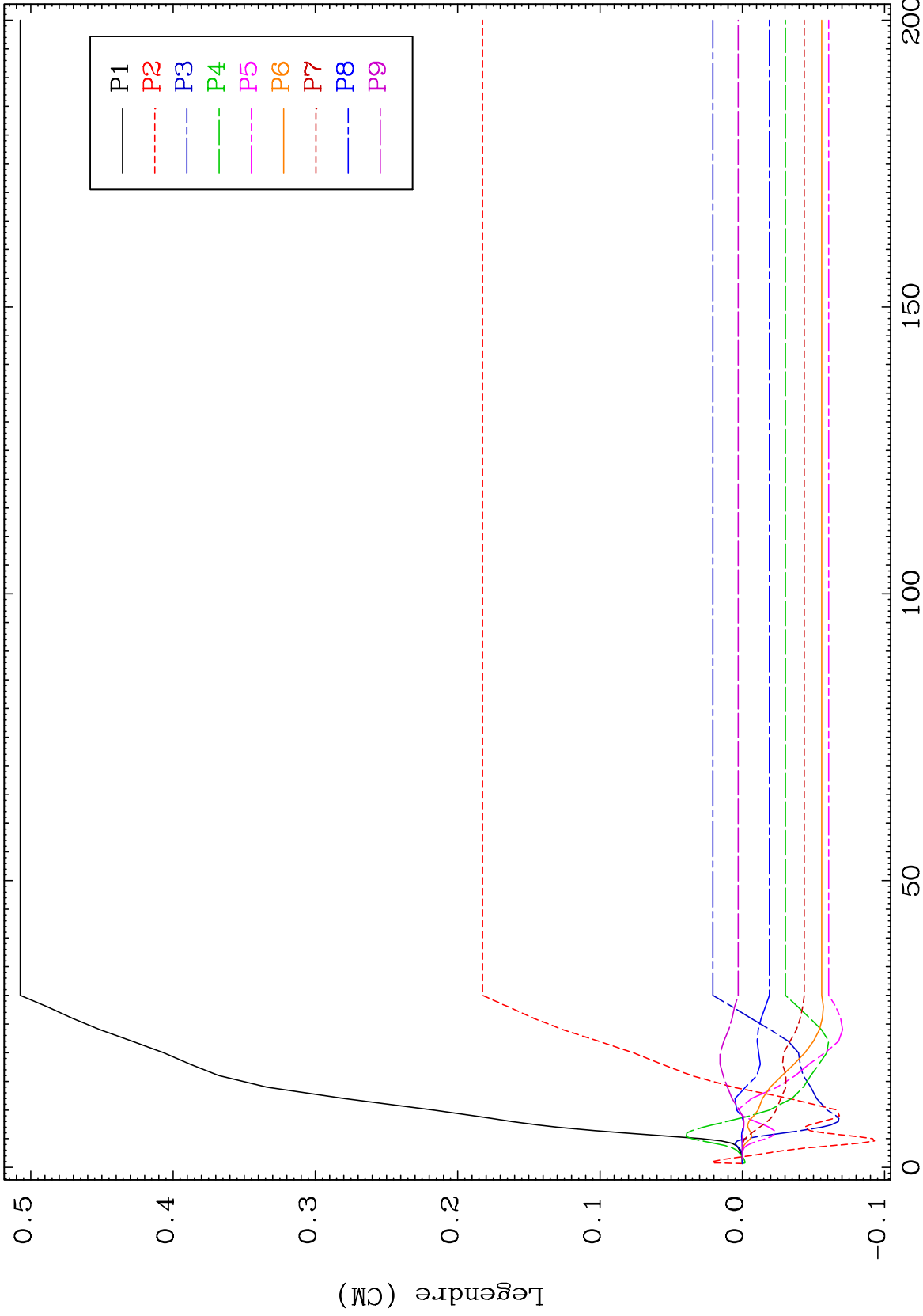
94

73-Ta-175

MAT 7310

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

⁷³Ta-175



95

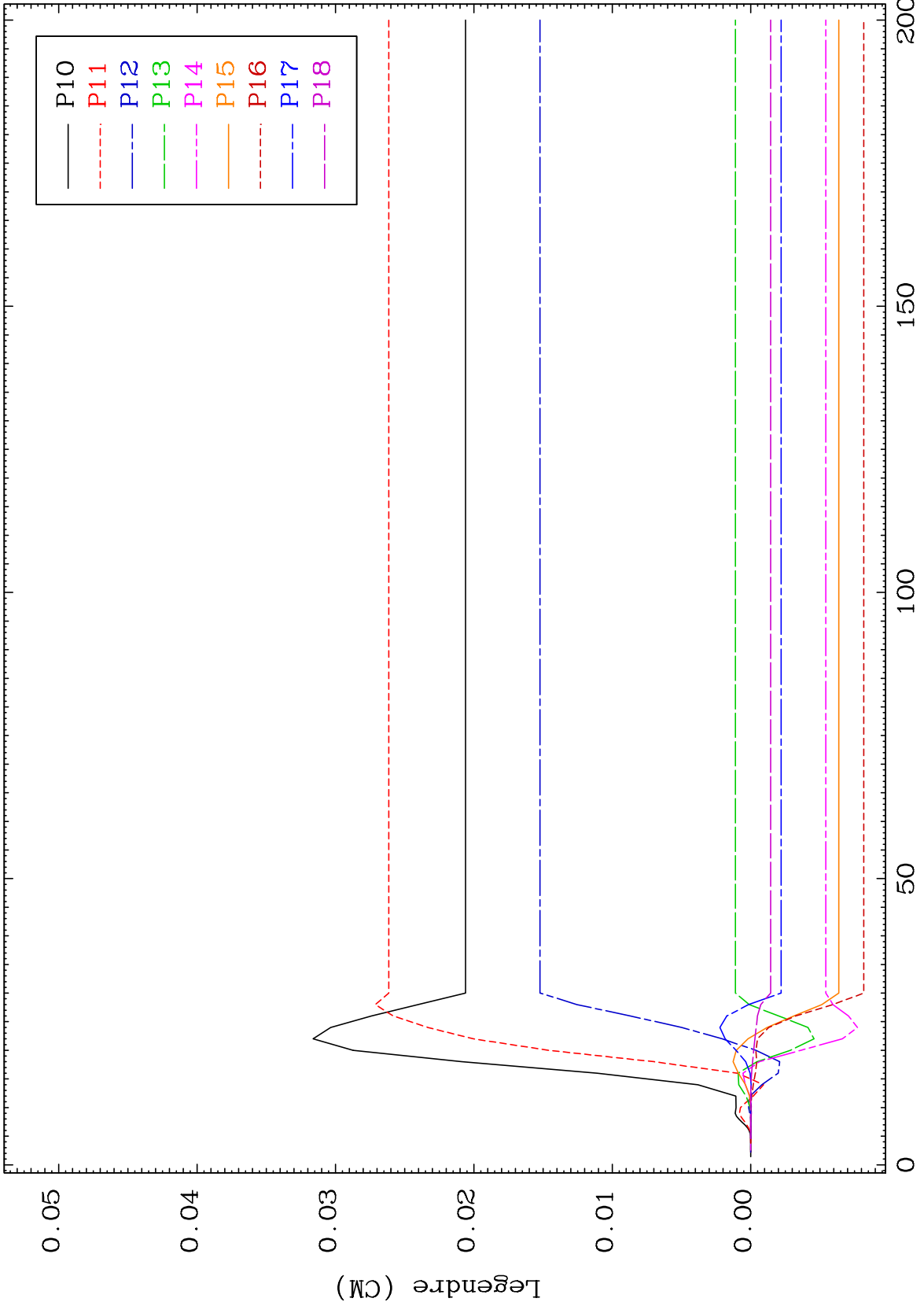
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

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

⁷³Ta-175



96

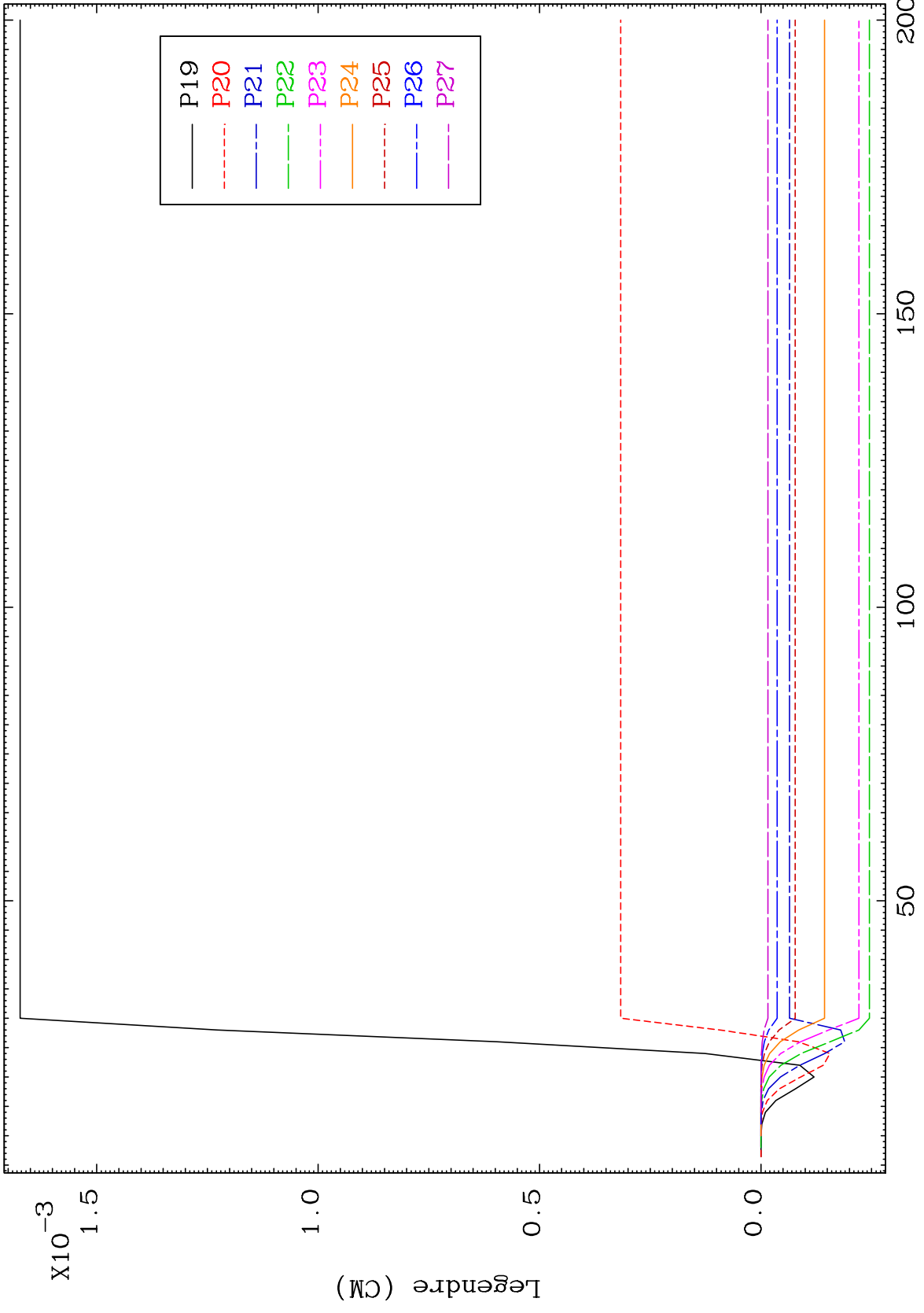
Incident Energy (MeV)

⁷³Ta-175

MAT 7310

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

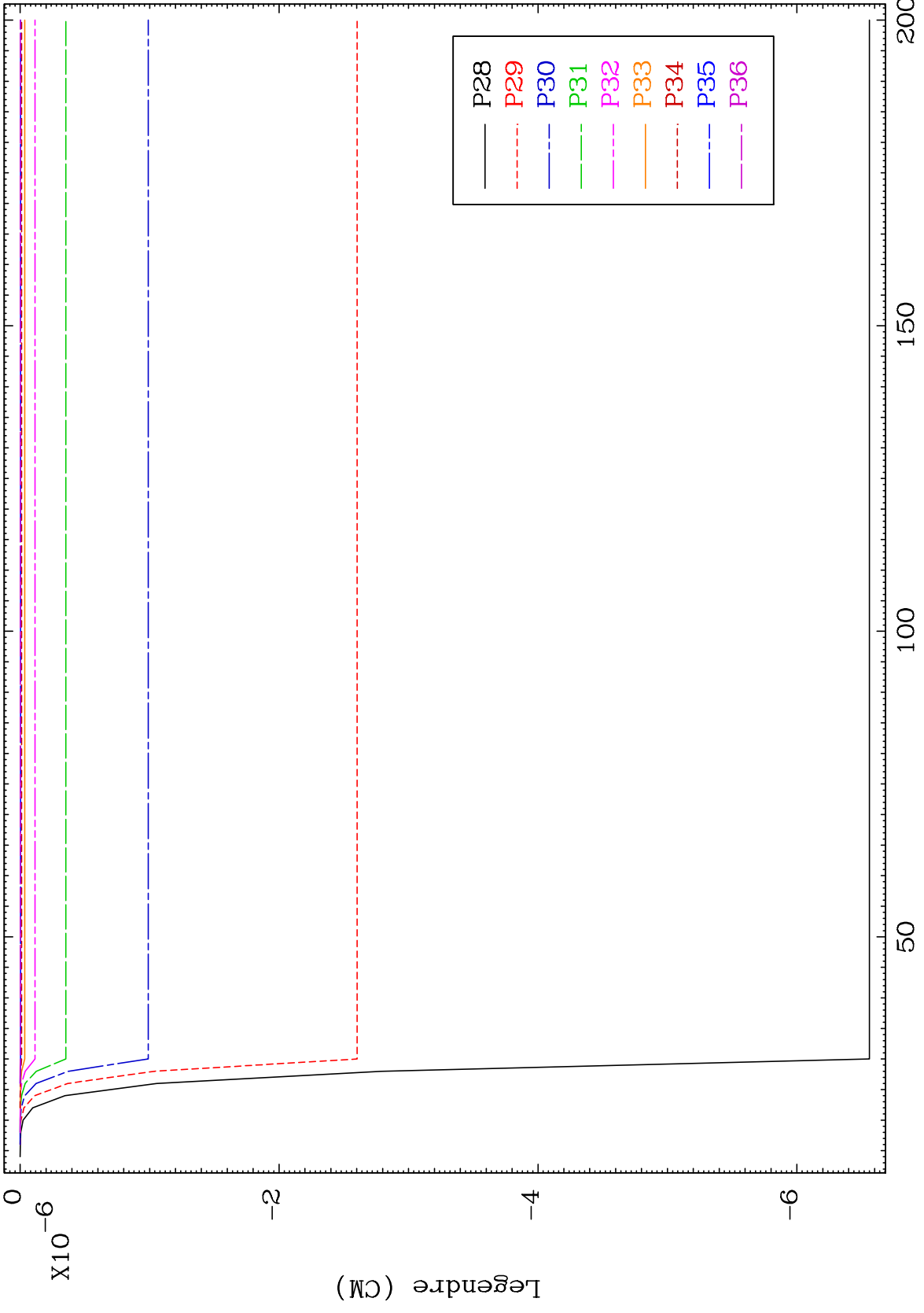
73-Ta-175



97

73-Ta-175

MAT 7310 MT= 70 (n,n') Level Legendre Coefficients 73-Ta-175



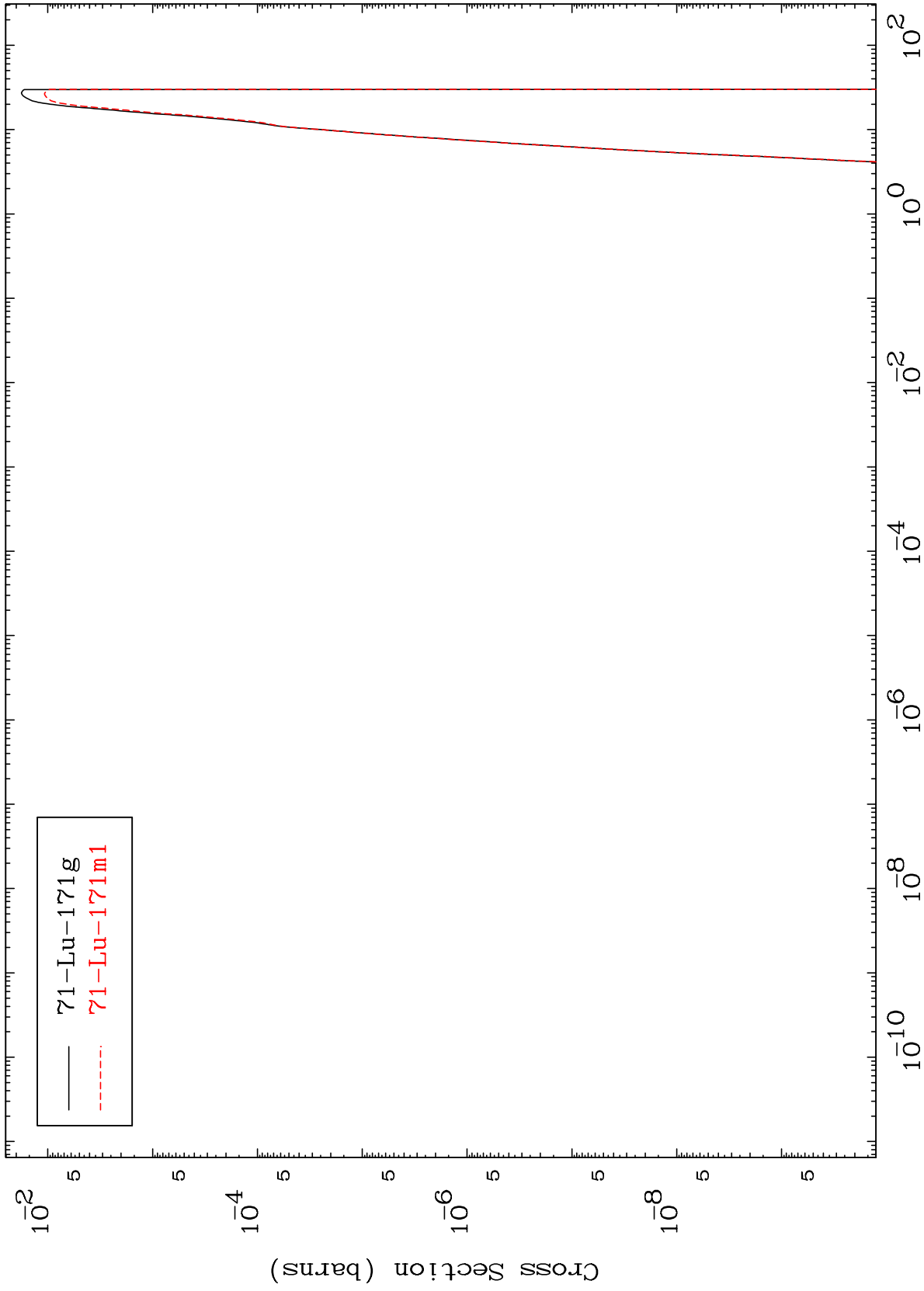
98 73-Ta-175

MAT 7310

(n,n') α

⁷³Ta-175

Radionuclide Production Cross Section



99

Incident Energy (MeV)

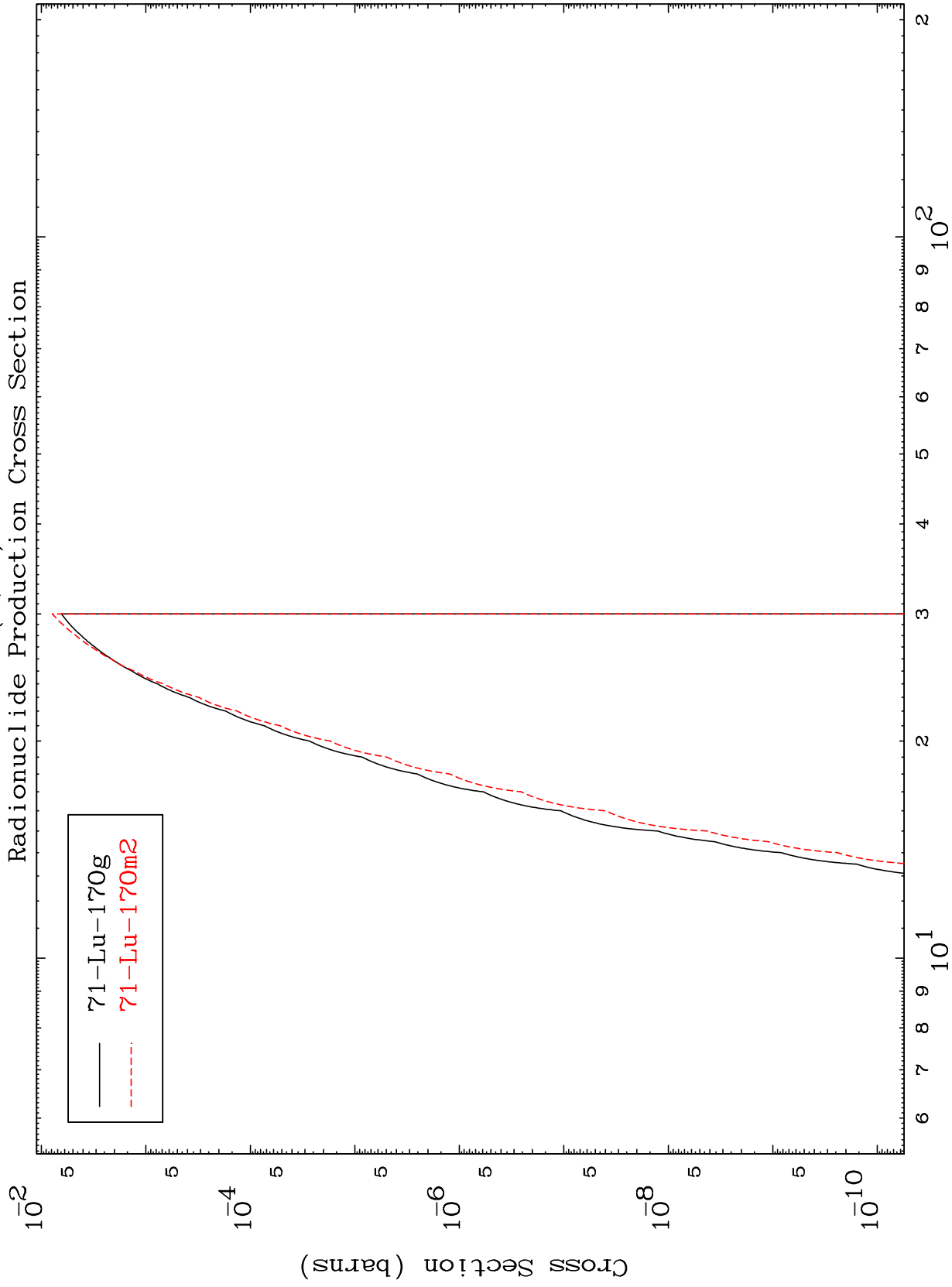
⁷³Ta-175

MAT 7310

$(n, 2n) \alpha$

$^{73}\text{Ta-175}$

Radionuclide Production Cross Section



100

Incident Energy (MeV)

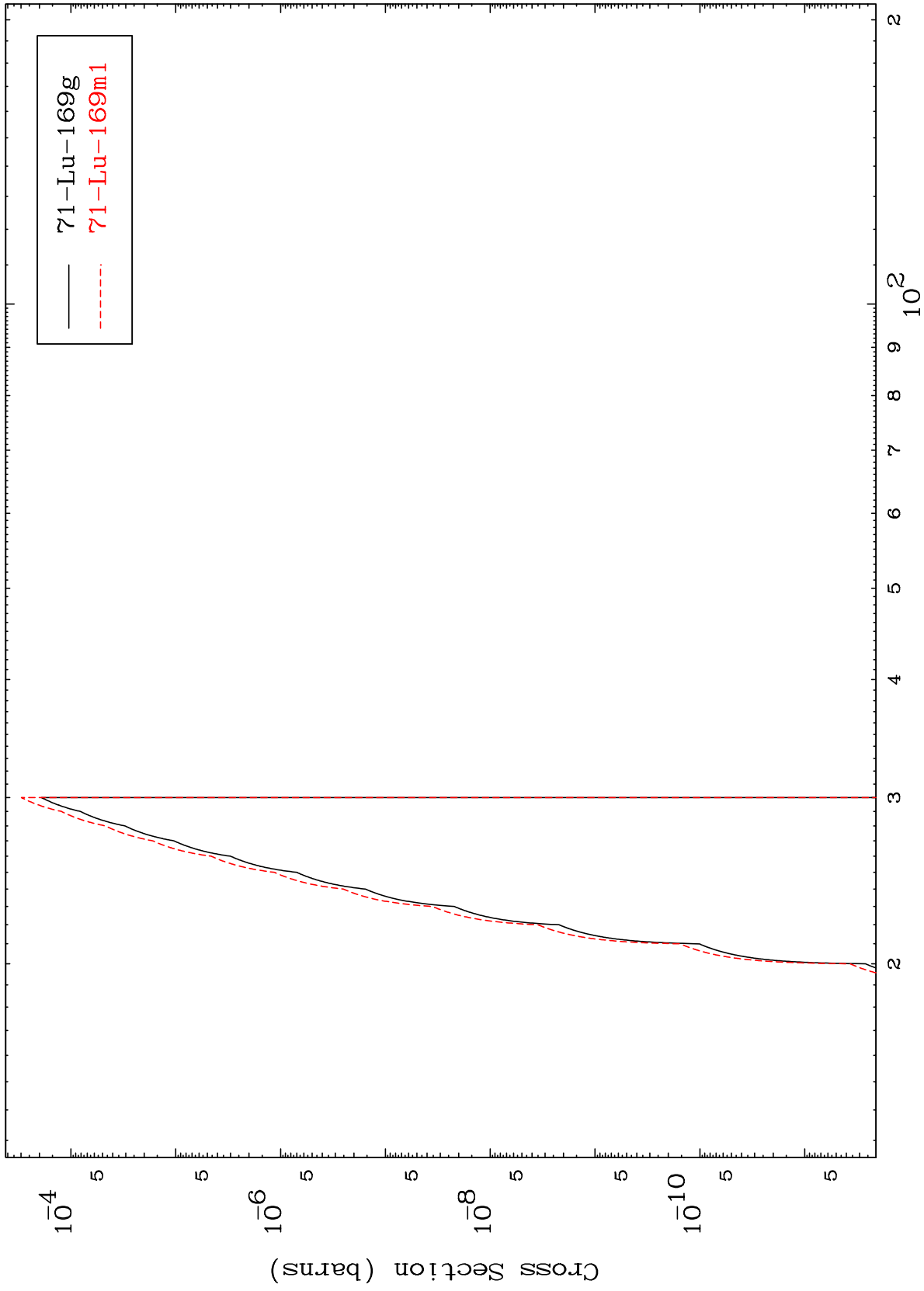
$^{73}\text{Ta-175}$

MAT 7310

$(n, 3n) \alpha$

$^{73}\text{Ta-175}$

Radionuclide Production Cross Section



101

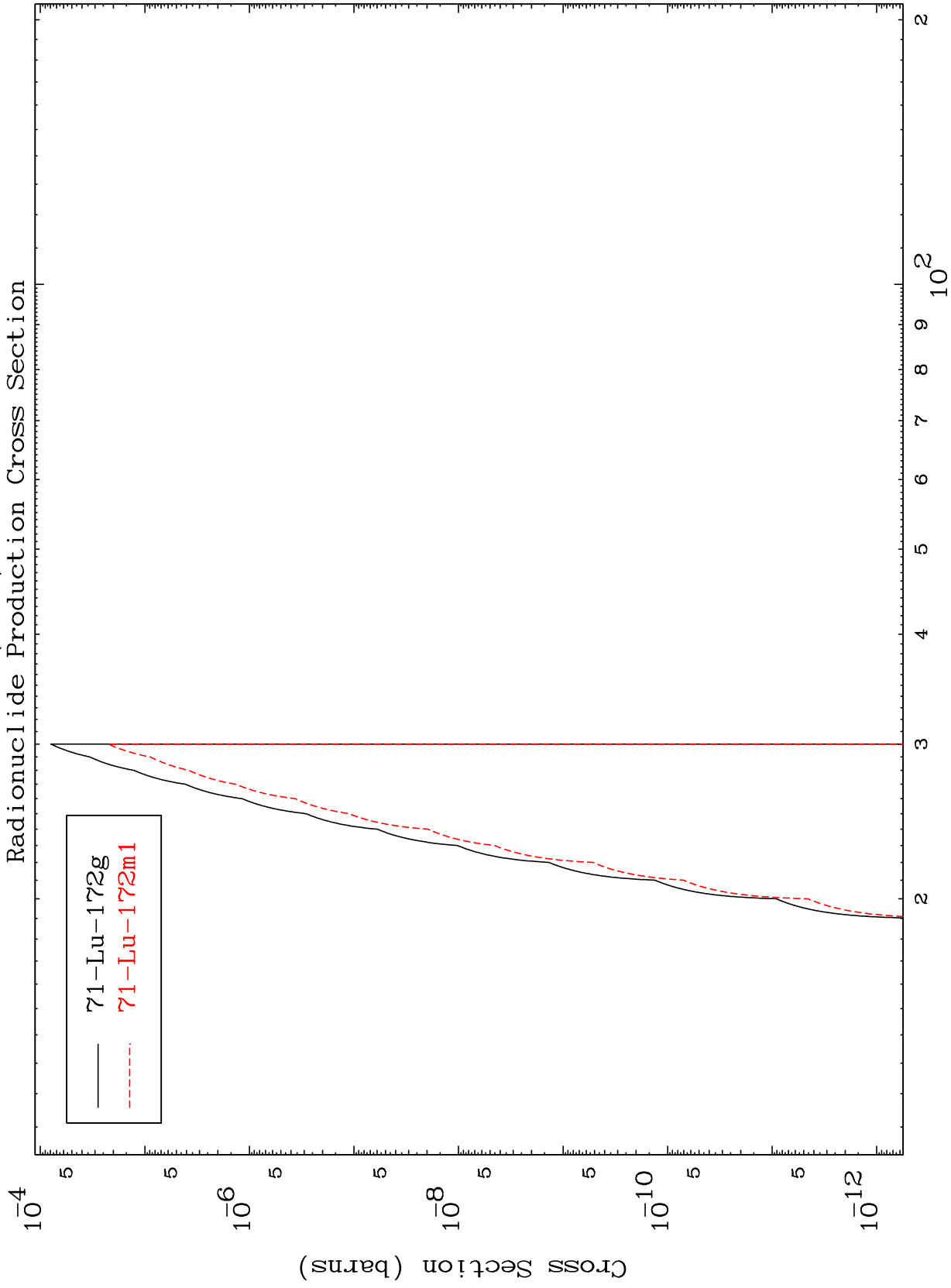
Incident Energy (MeV)

$^{73}\text{Ta-175}$

MAT 7310

(n, n') He-3

73-Ta-175



71-Lu-172g
71-Lu-172m1

102

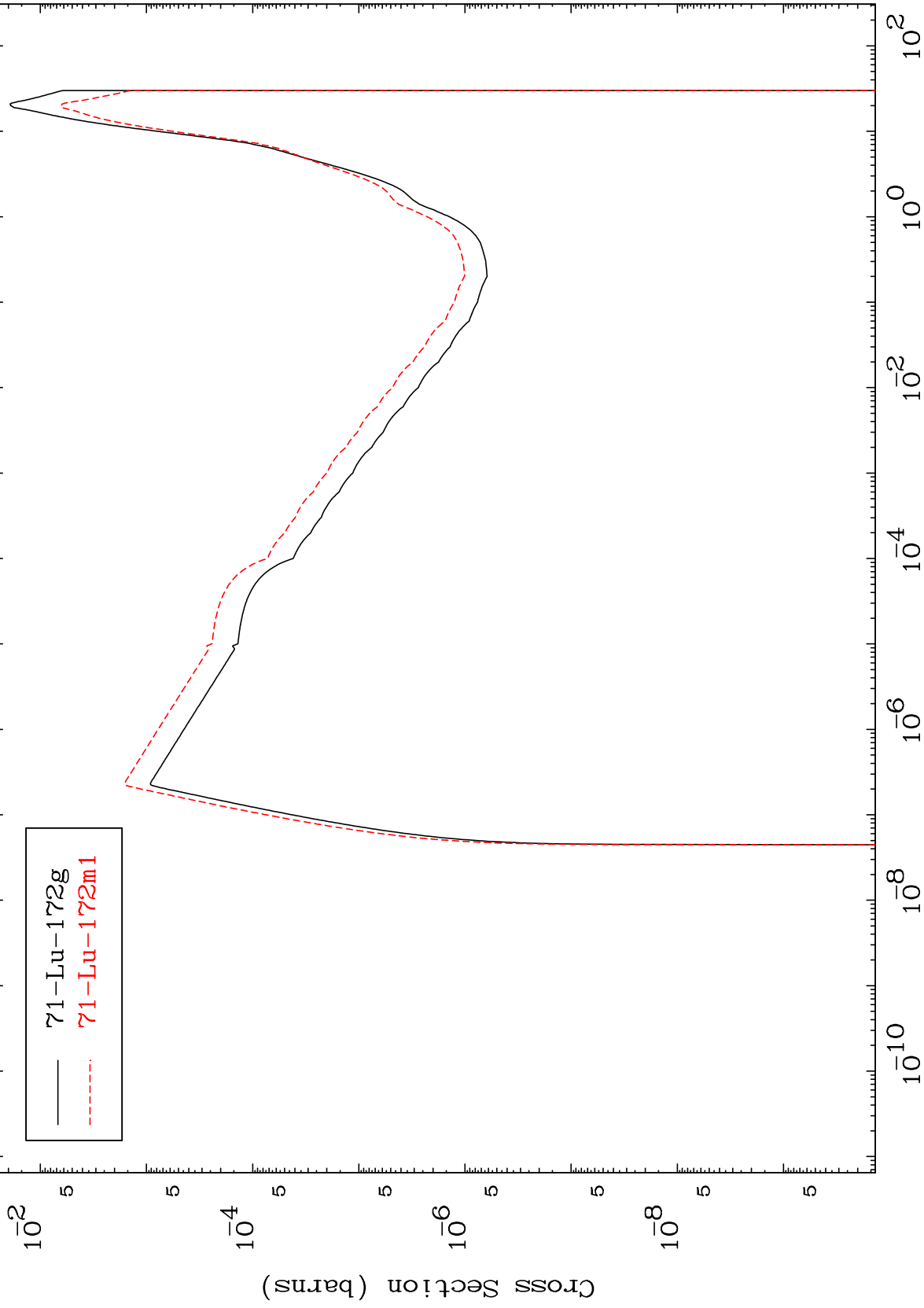
Incident Energy (MeV)

73-Ta-175

MAT 7310

Radionuclide Production Cross Section
(n, α)

⁷³Ta-175



— 71-Lu-172g
- - - 71-Lu-172m1

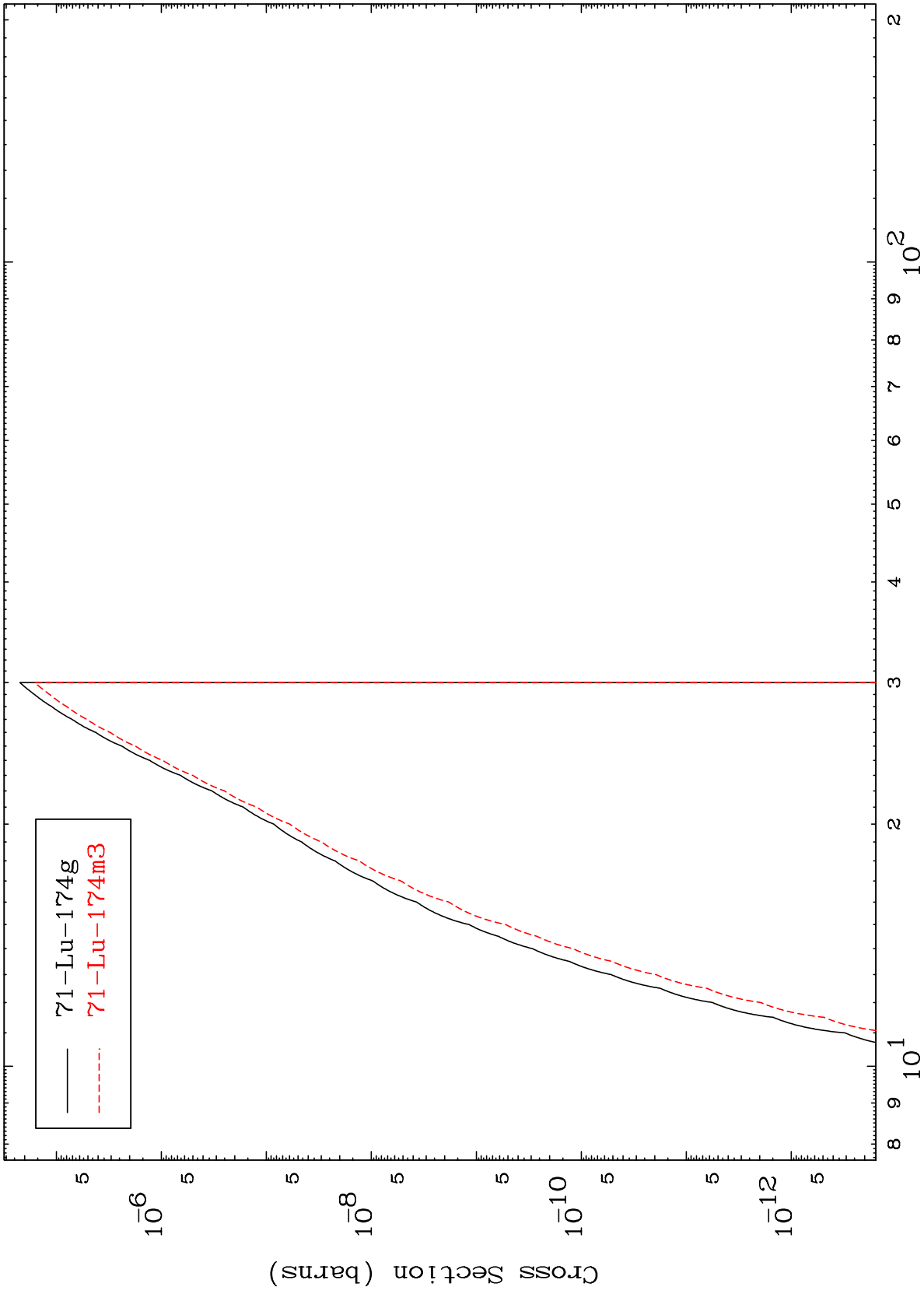
103

⁷³Ta-175

MAT 7310

73-Ta-175

Radionuclide Production Cross Section (n,2p)



104

Incident Energy (MeV)

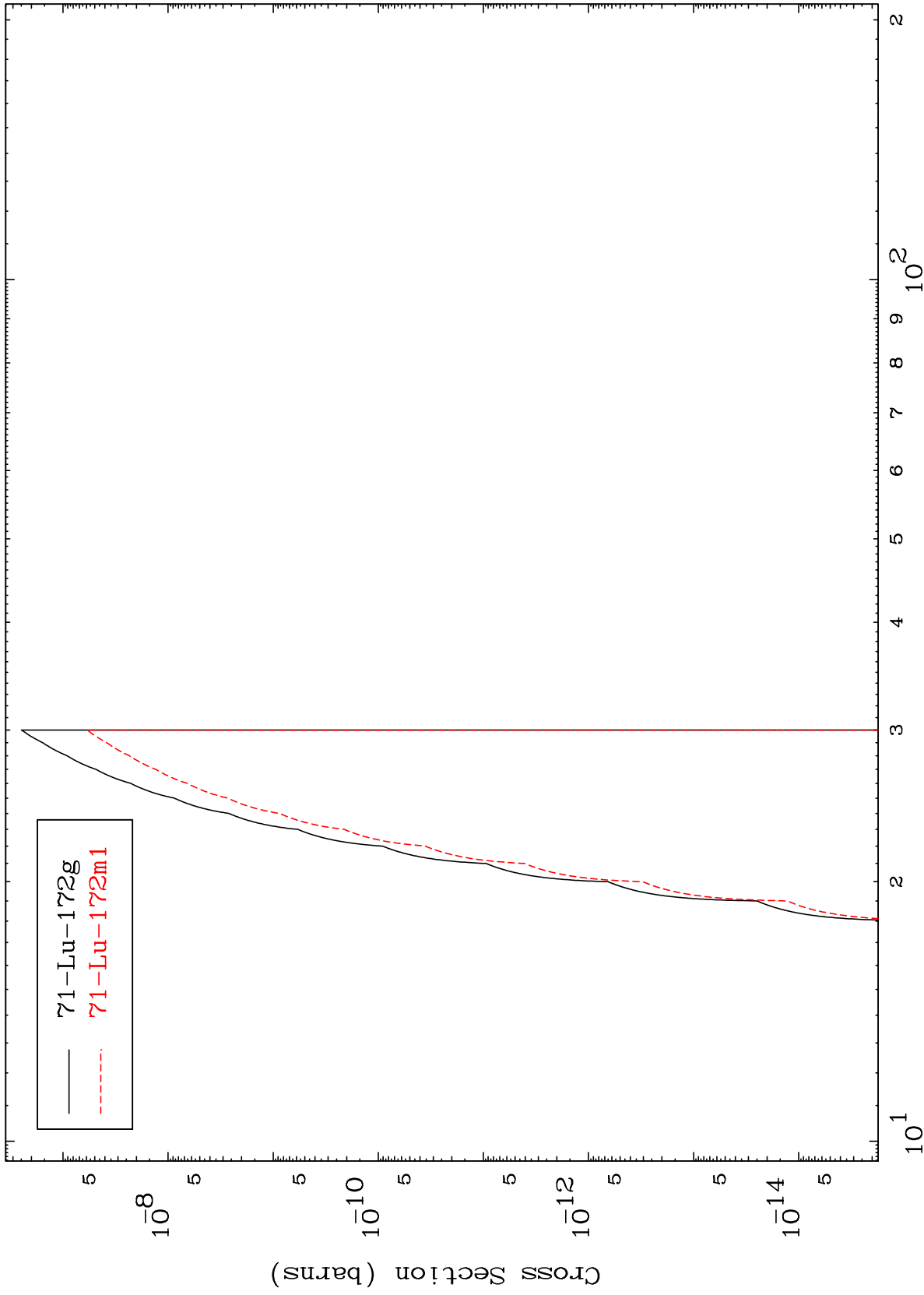
73-Ta-175

MAT 7310

(n,p) t

73-Ta-175

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-175