

Program EVALPLOT
(Version 2018-1)

by

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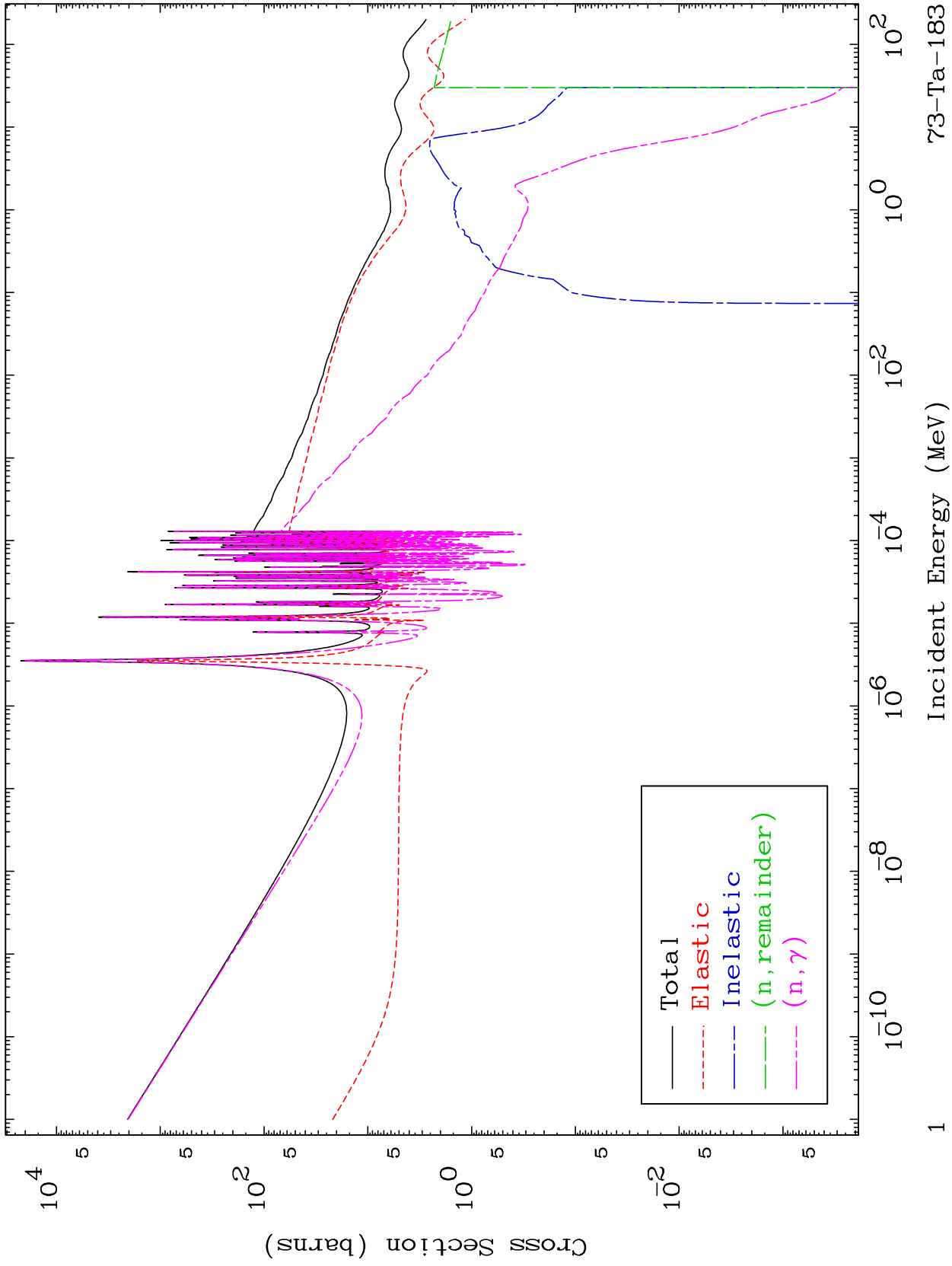
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7334

Major
293 Kelvin Cross Sections

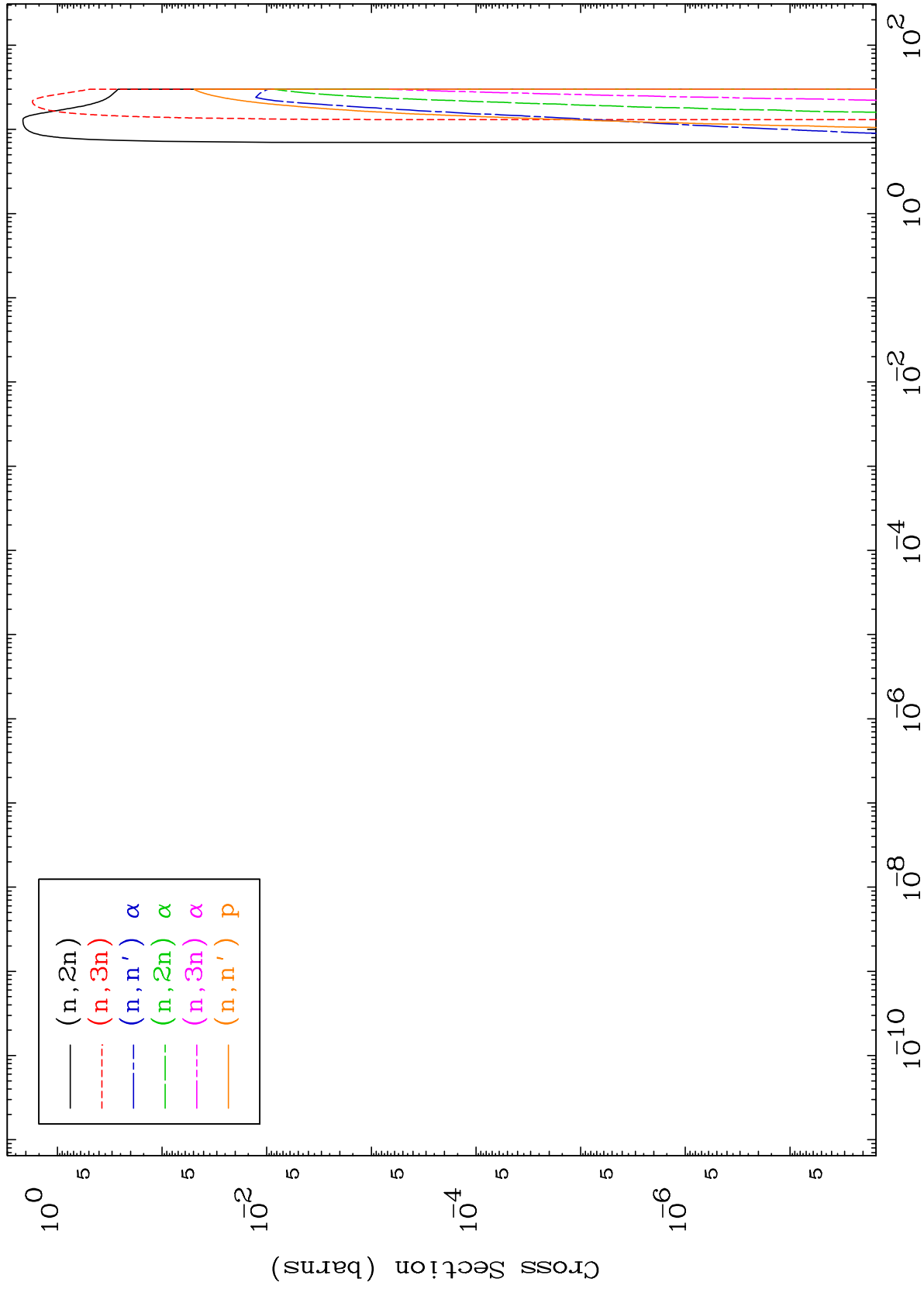
73-Ta-183



MAT 7334

Neutron Production
293 Kelvin Cross Sections

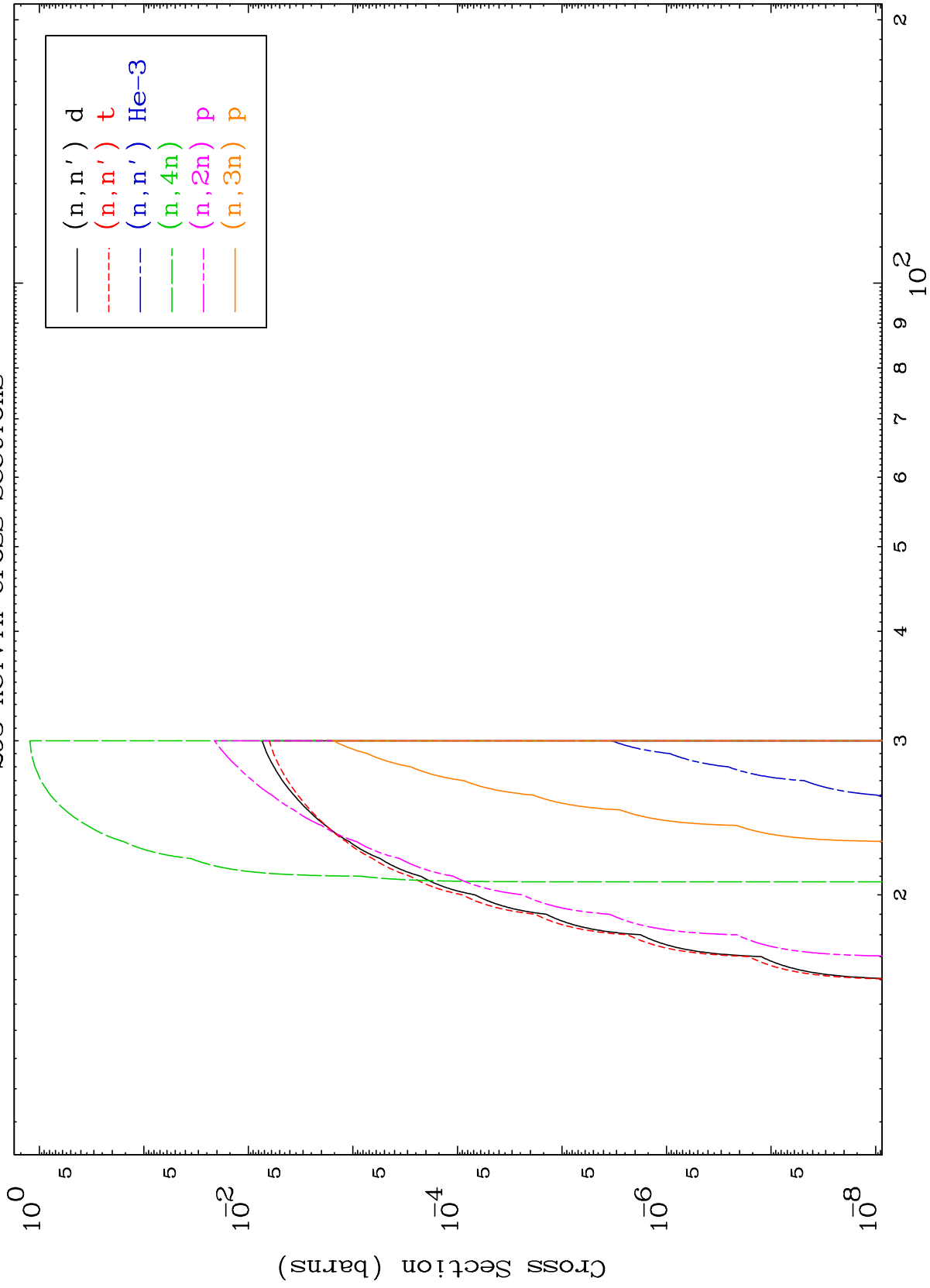
73-Ta-183



2

Incident Energy (MeV)

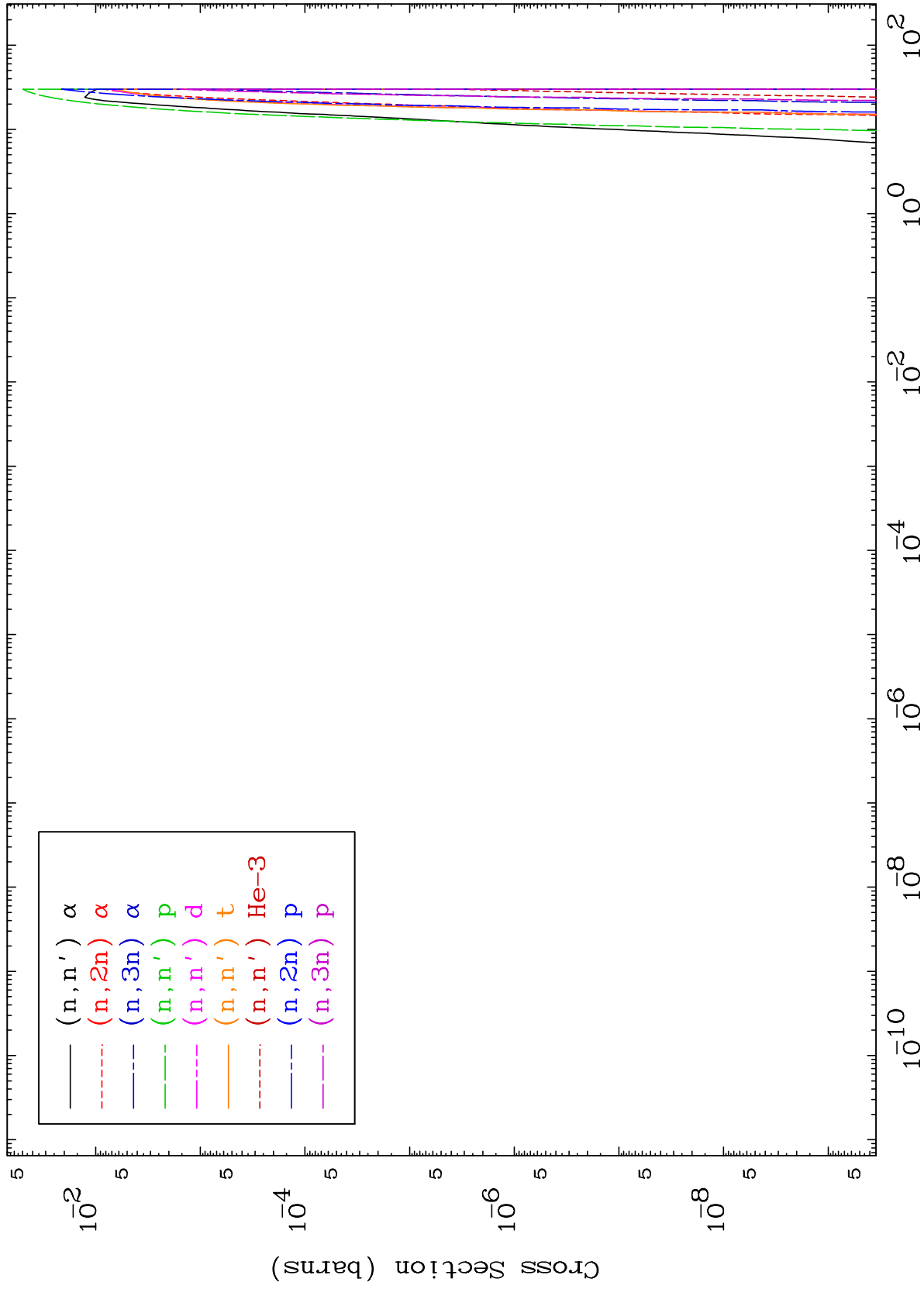
73-Ta-183



MAT 7334

293 Charged Particle
Kelvin Cross Sections

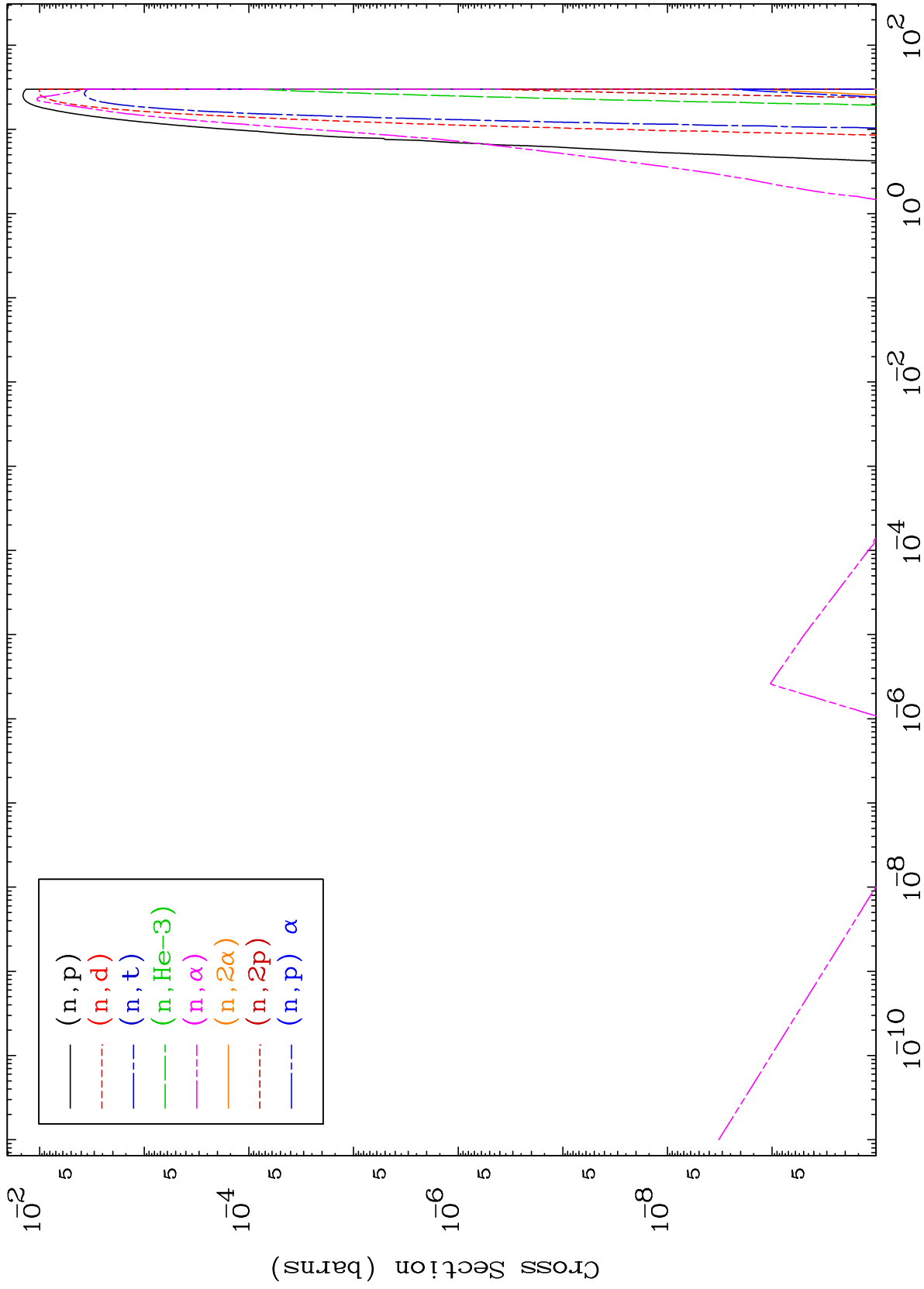
73-Ta-183



MAT 7334

Charged Particle
293 Kelvin Cross Sections

73-Ta-183



5

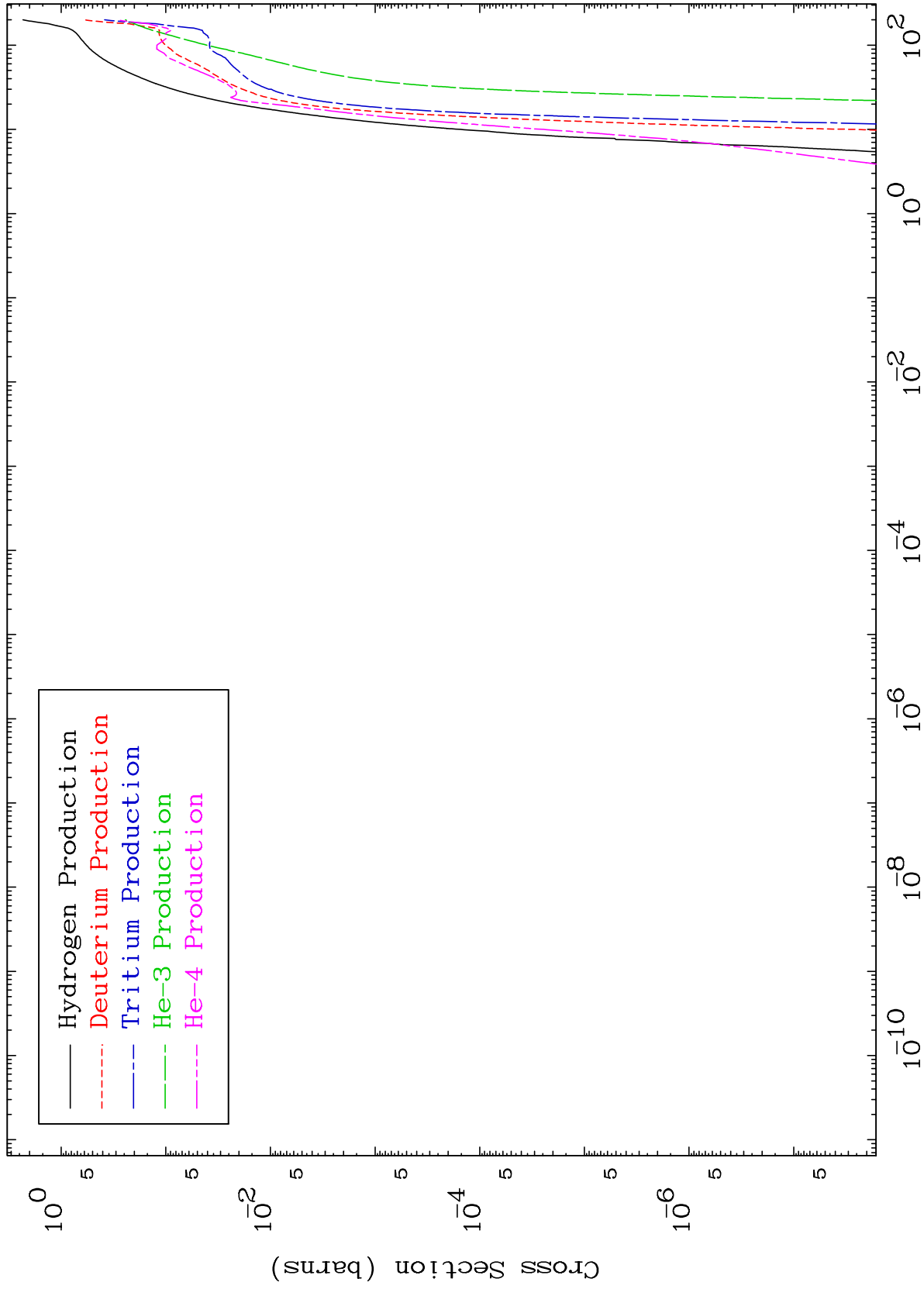
Incident Energy (MeV)

73-Ta-183

MAT 7334

Particle Production
293 Kelvin Cross Sections

73-Ta-183



6

Incident Energy (MeV)

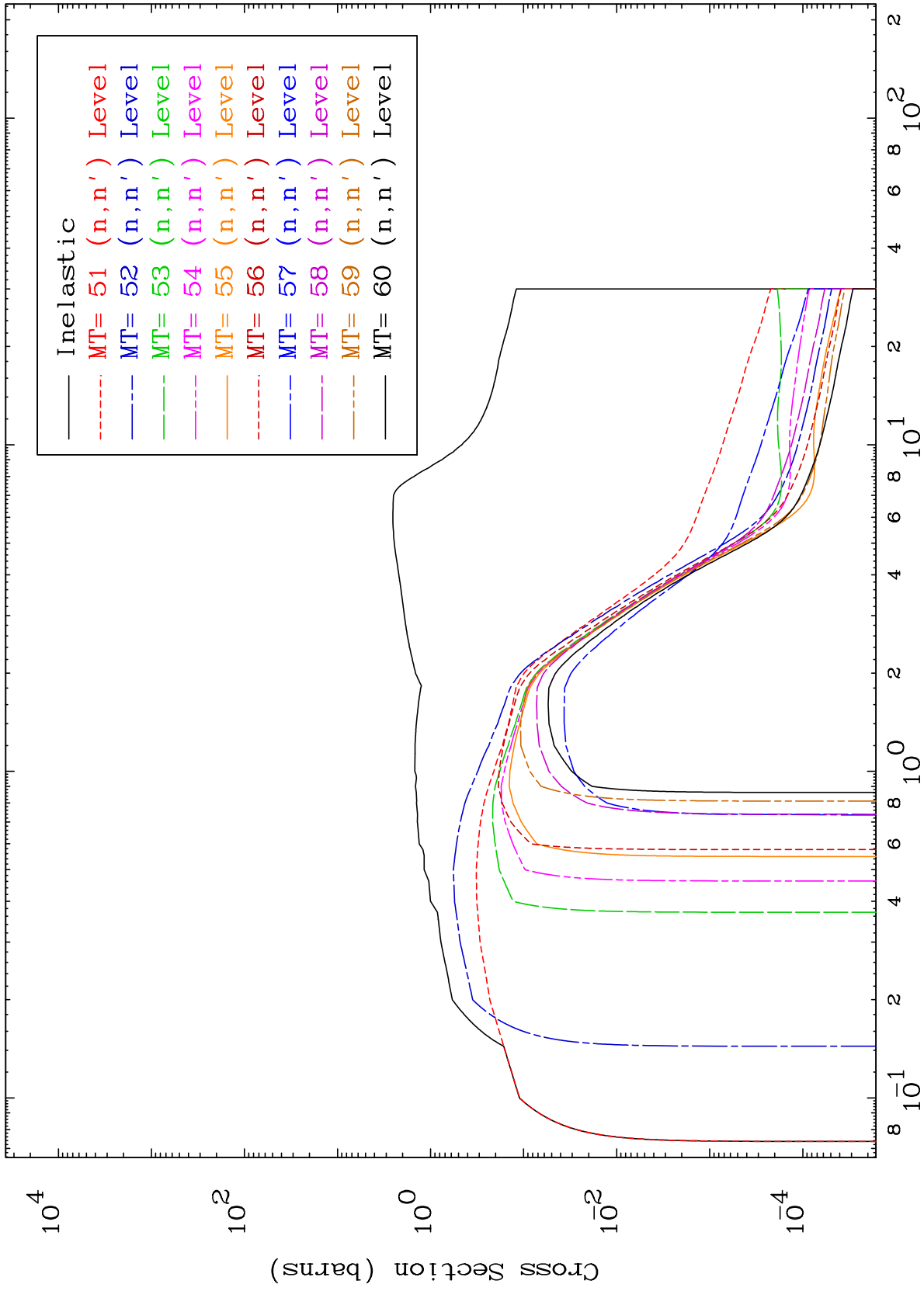
73-Ta-183

MAT 7334

(n,n') Level

73-Ta-183

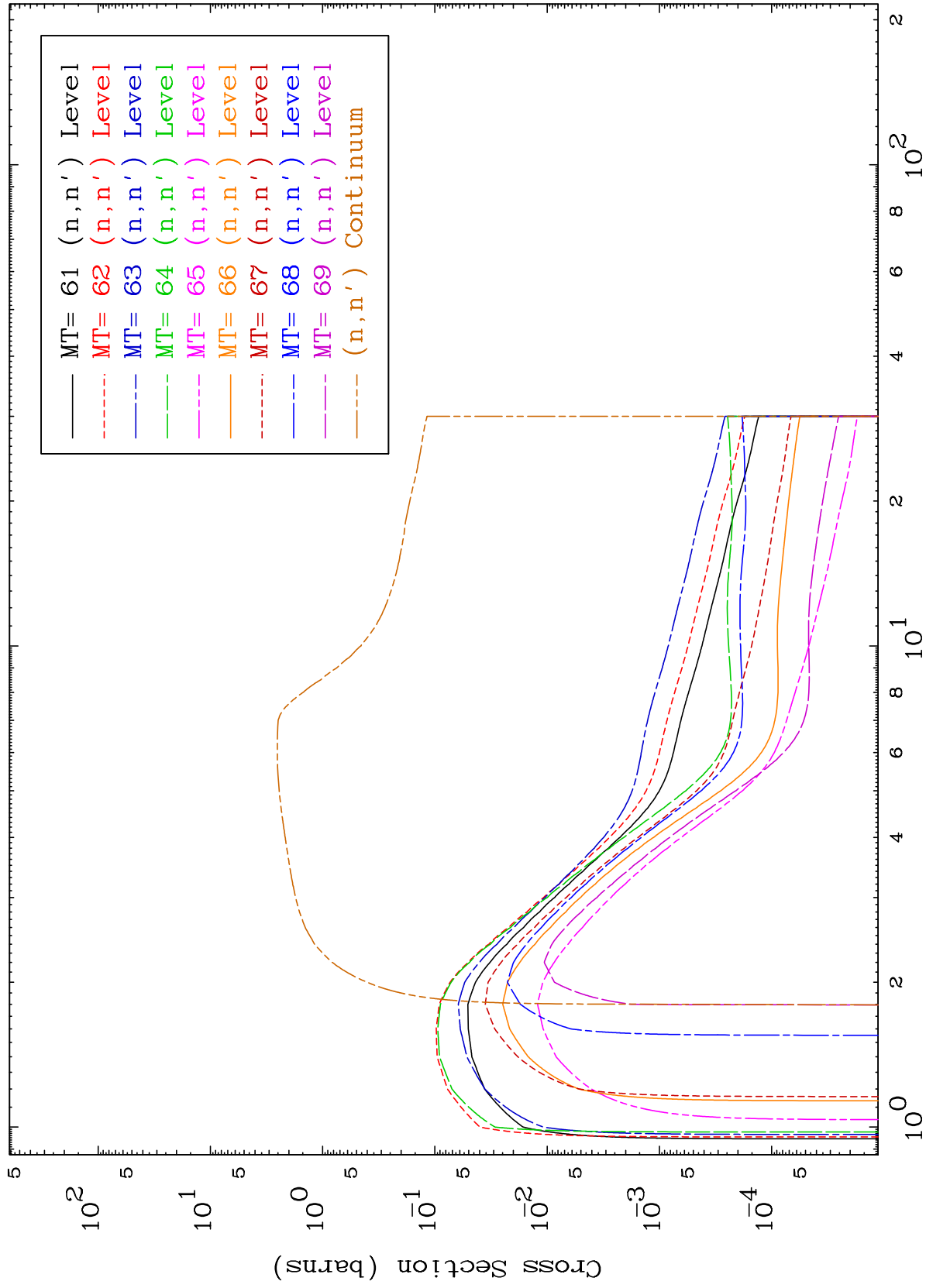
293 Kelvin Cross Sections



7

Incident Energy (MeV)

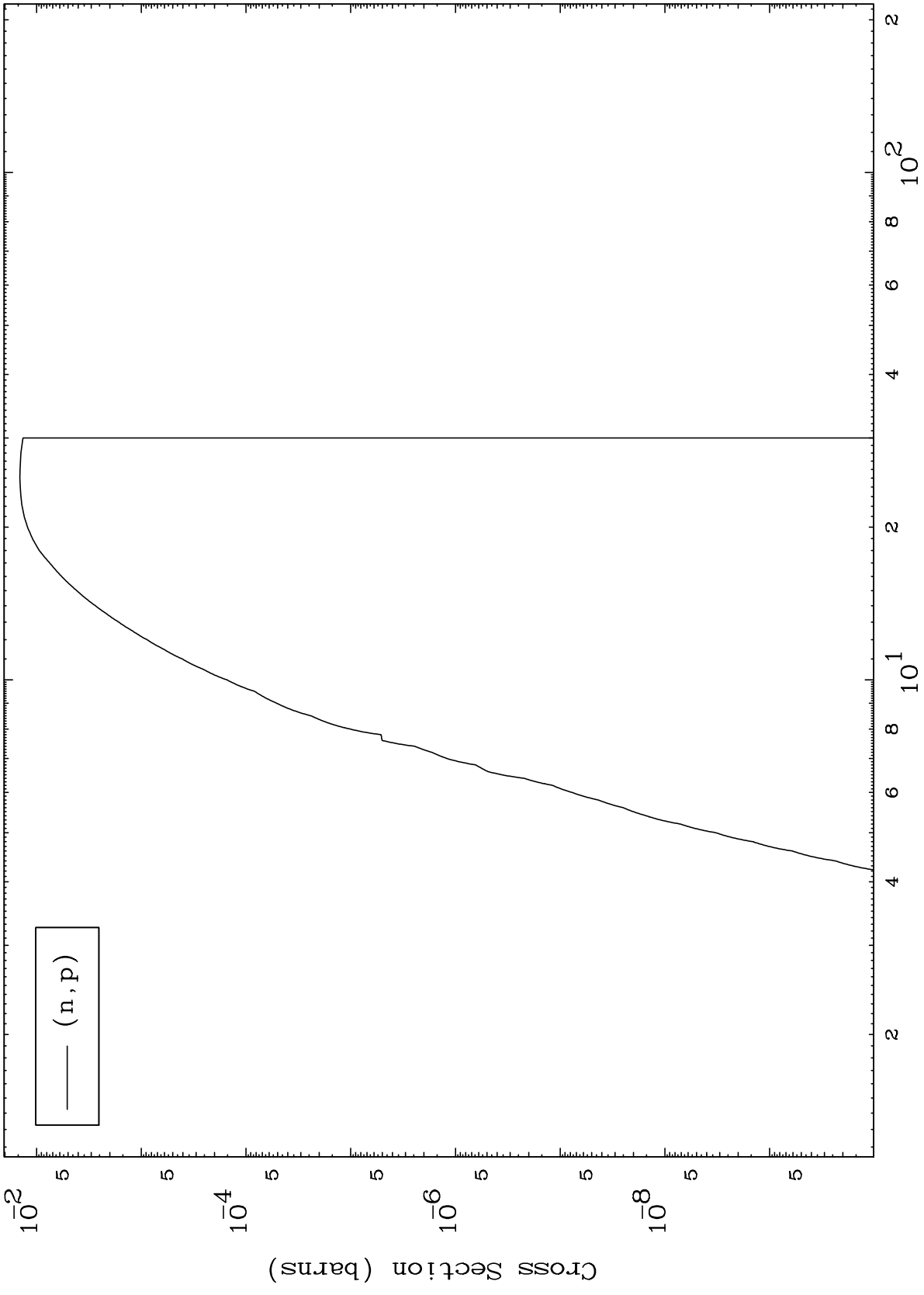
73-Ta-183



MAT 7334

(n,p) Levels
293 Kelvin Cross Sections

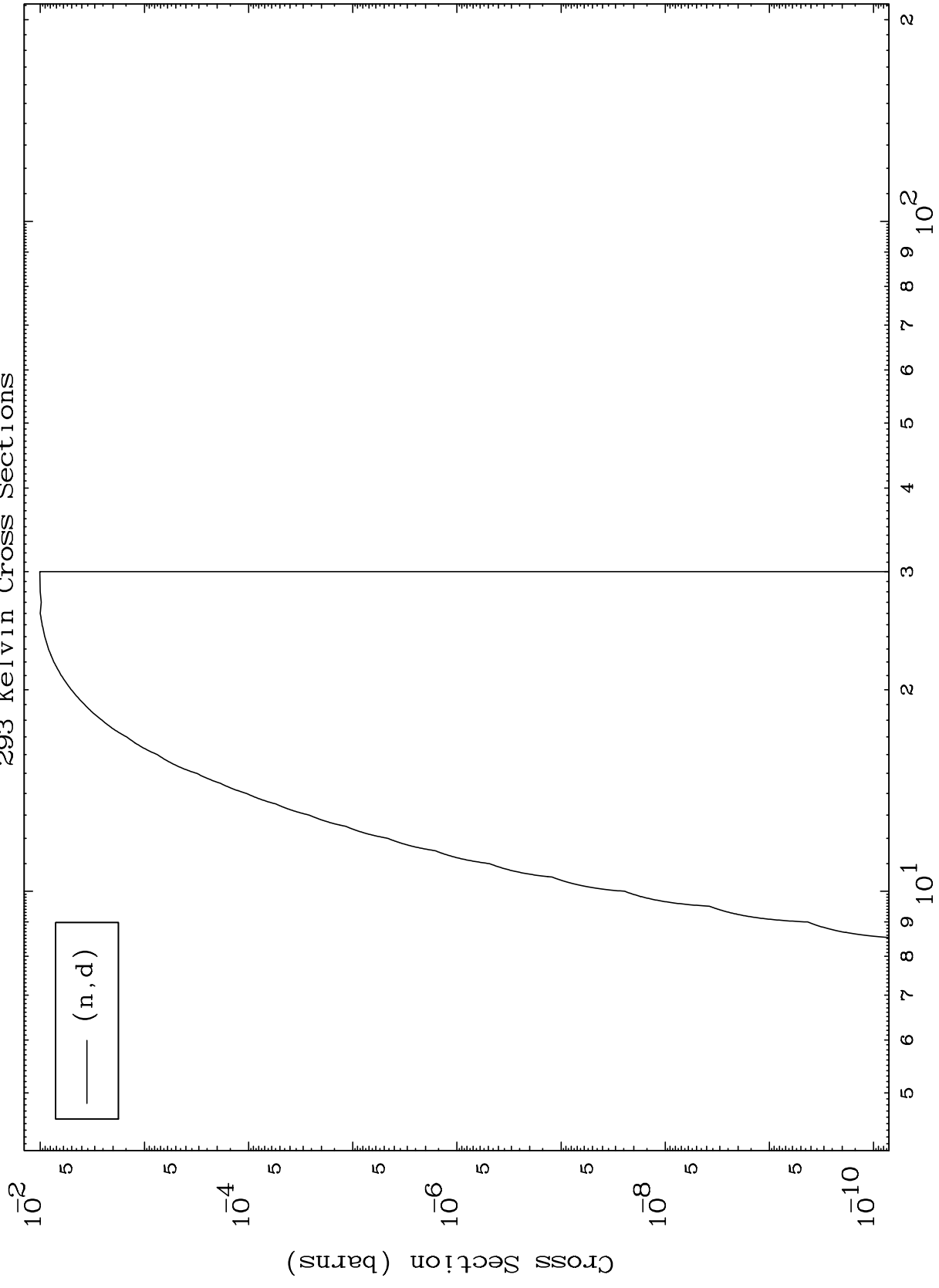
73-Ta-183



MAT 7334

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-183



10

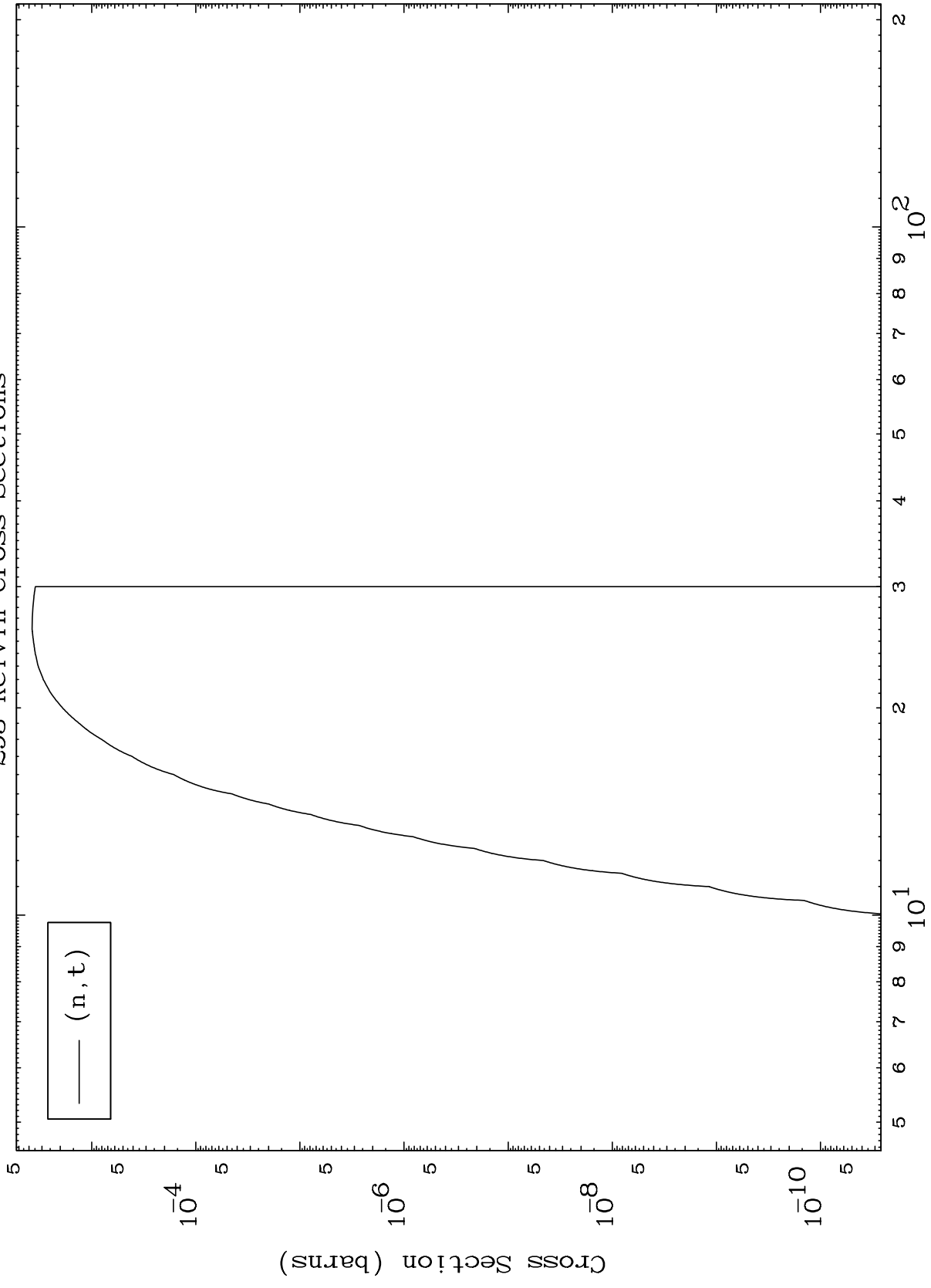
Incident Energy (MeV)

73-Ta-183

MAT 7334

(n,t) Levels
293 Kelvin Cross Sections

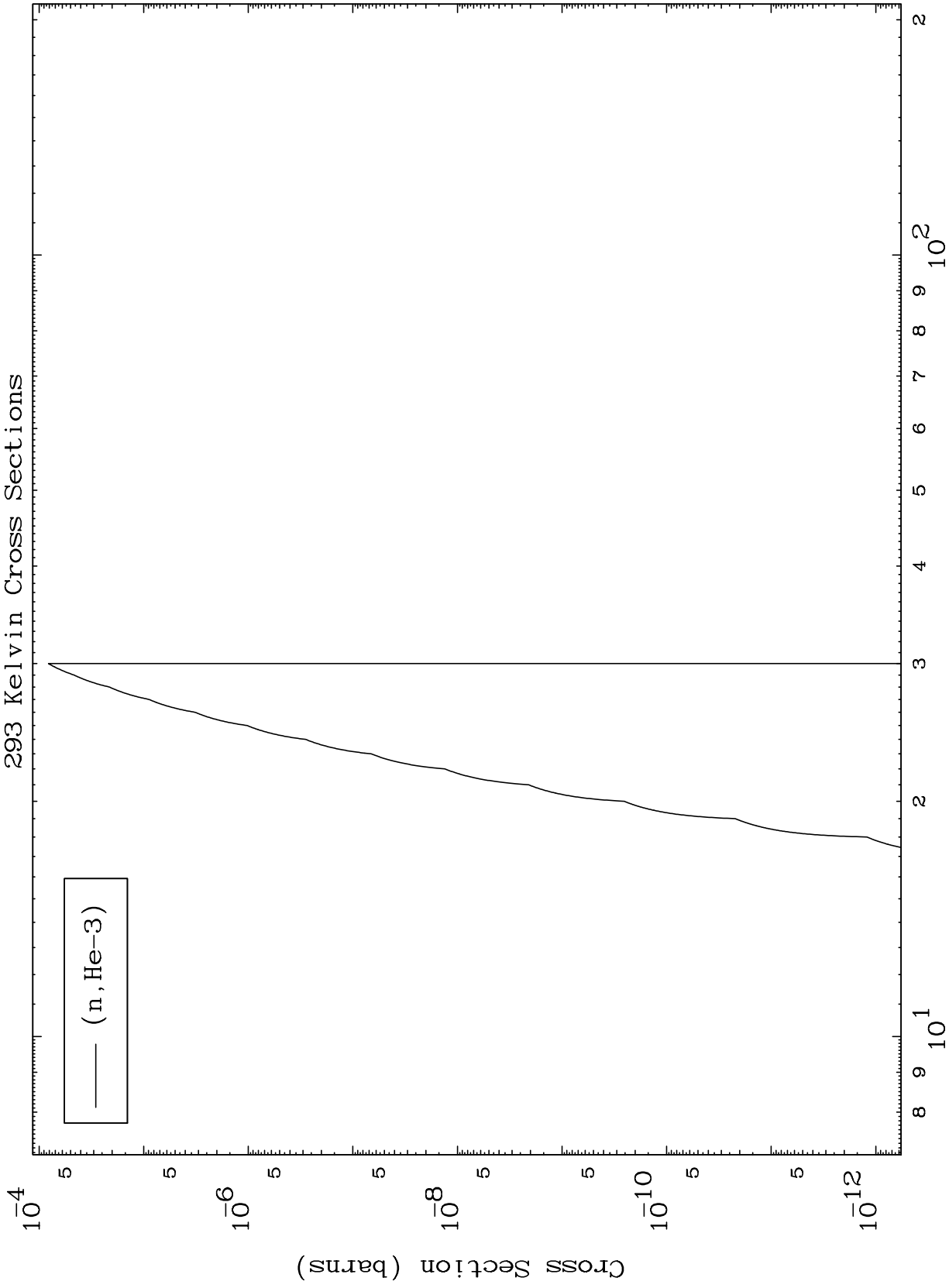
73-Ta-183



MAT 7334

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-183



12

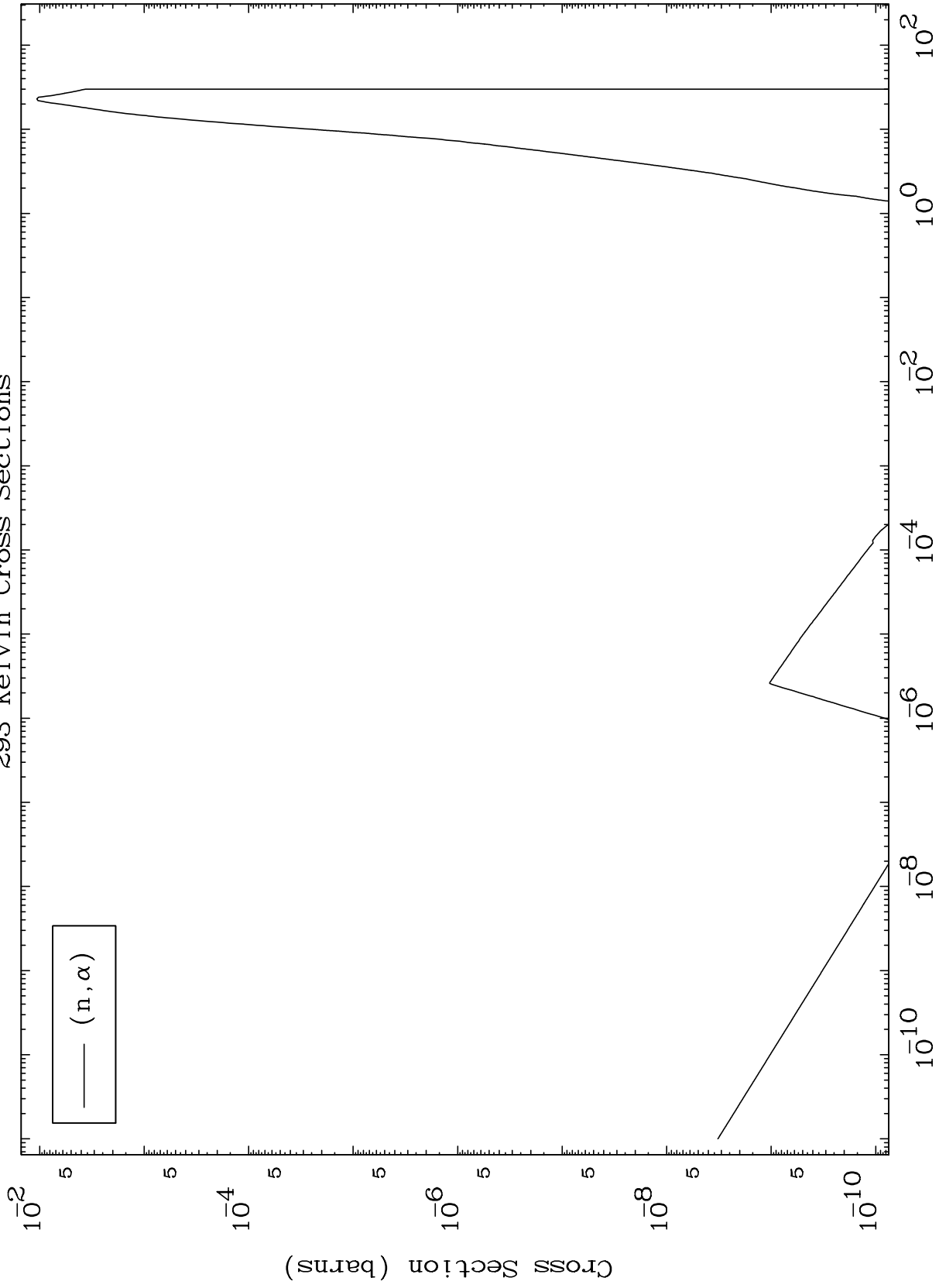
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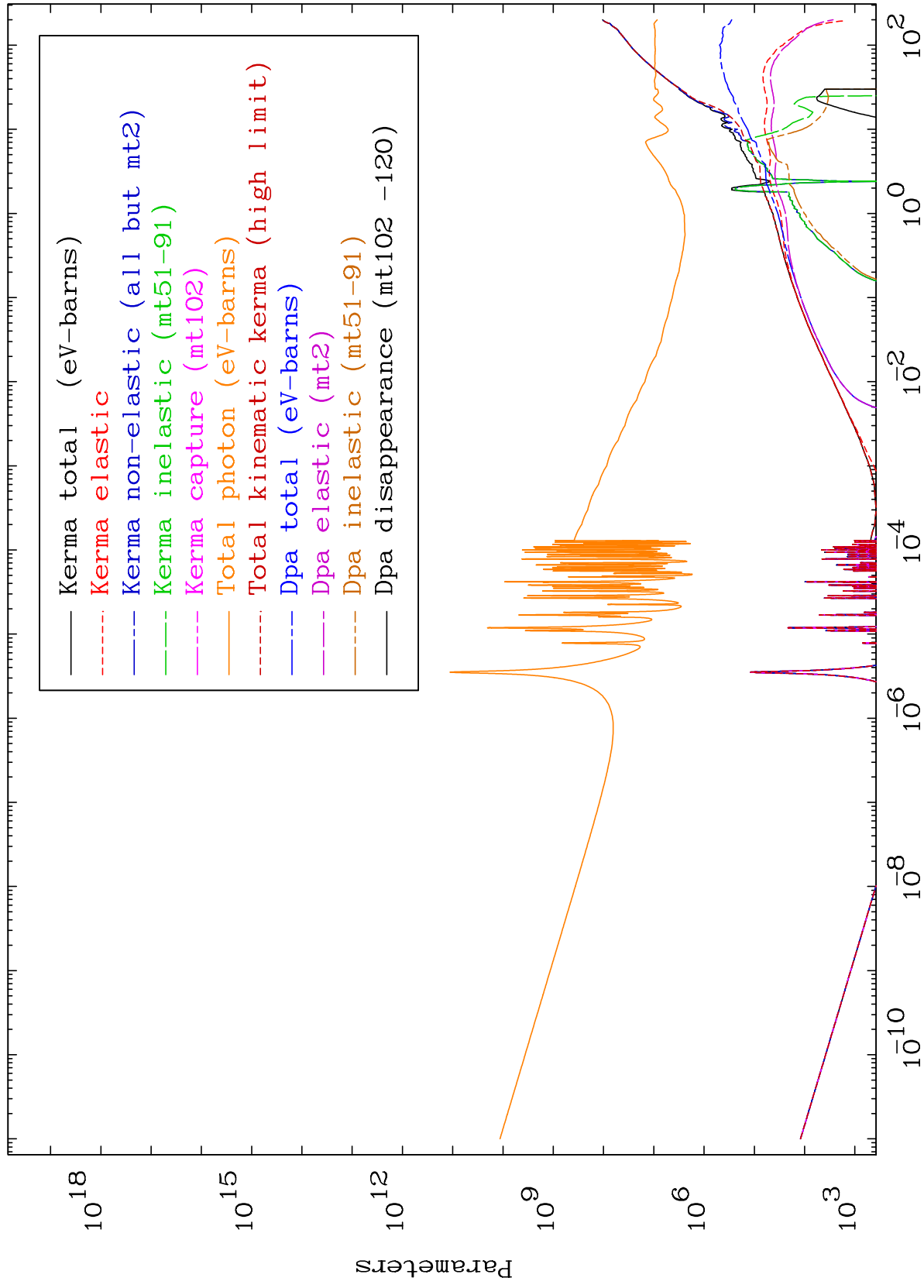
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MAT 7334

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-183

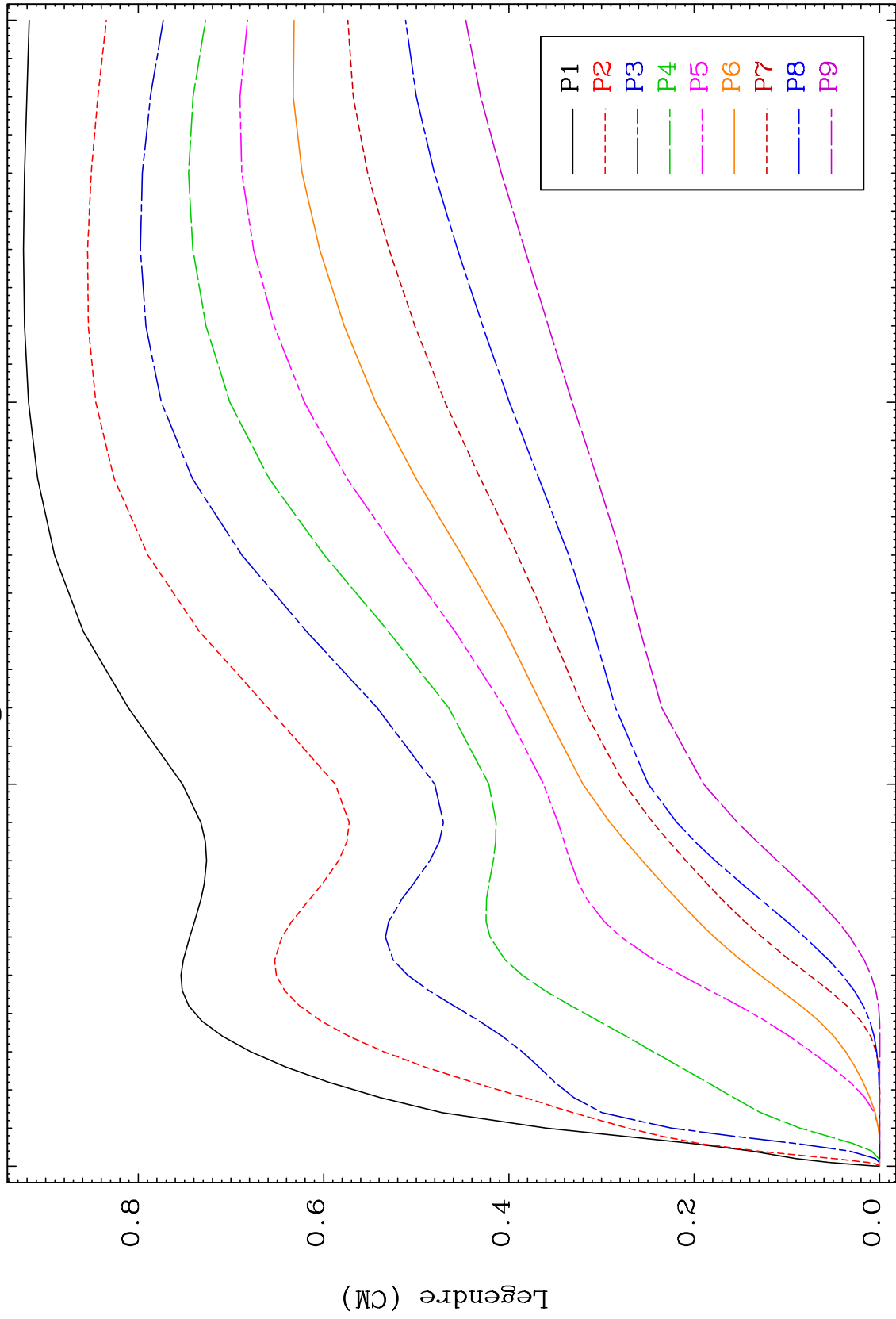




MAT 7334

Elastic Legendre Coefficients

73-Ta-183



15

Incident Energy (MeV)

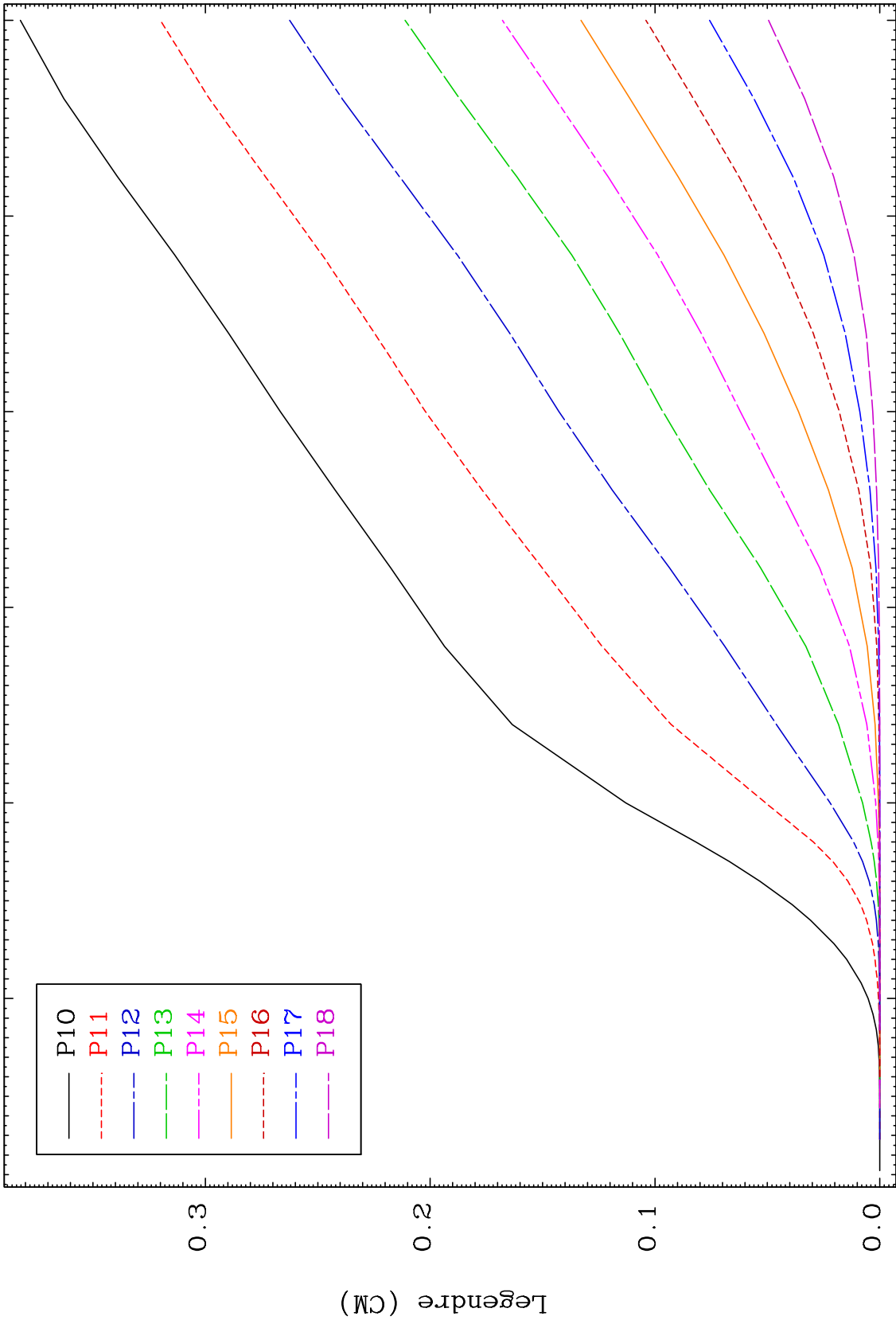
73-Ta-183

30

MAT 7334

Elastic Legendre Coefficients

⁷³Ta-183



16

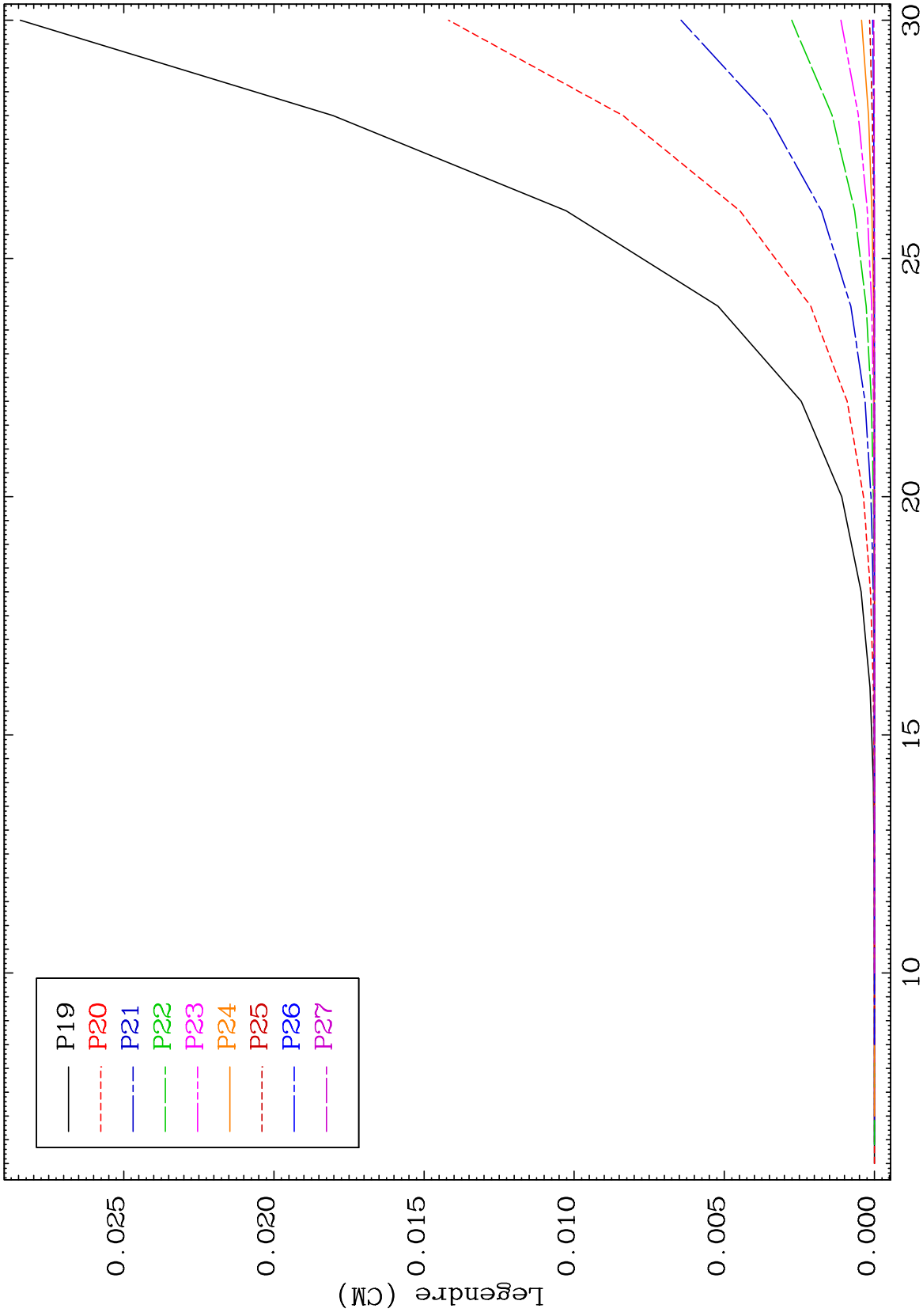
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

Elastic Legendre Coefficients

73-Ta-183



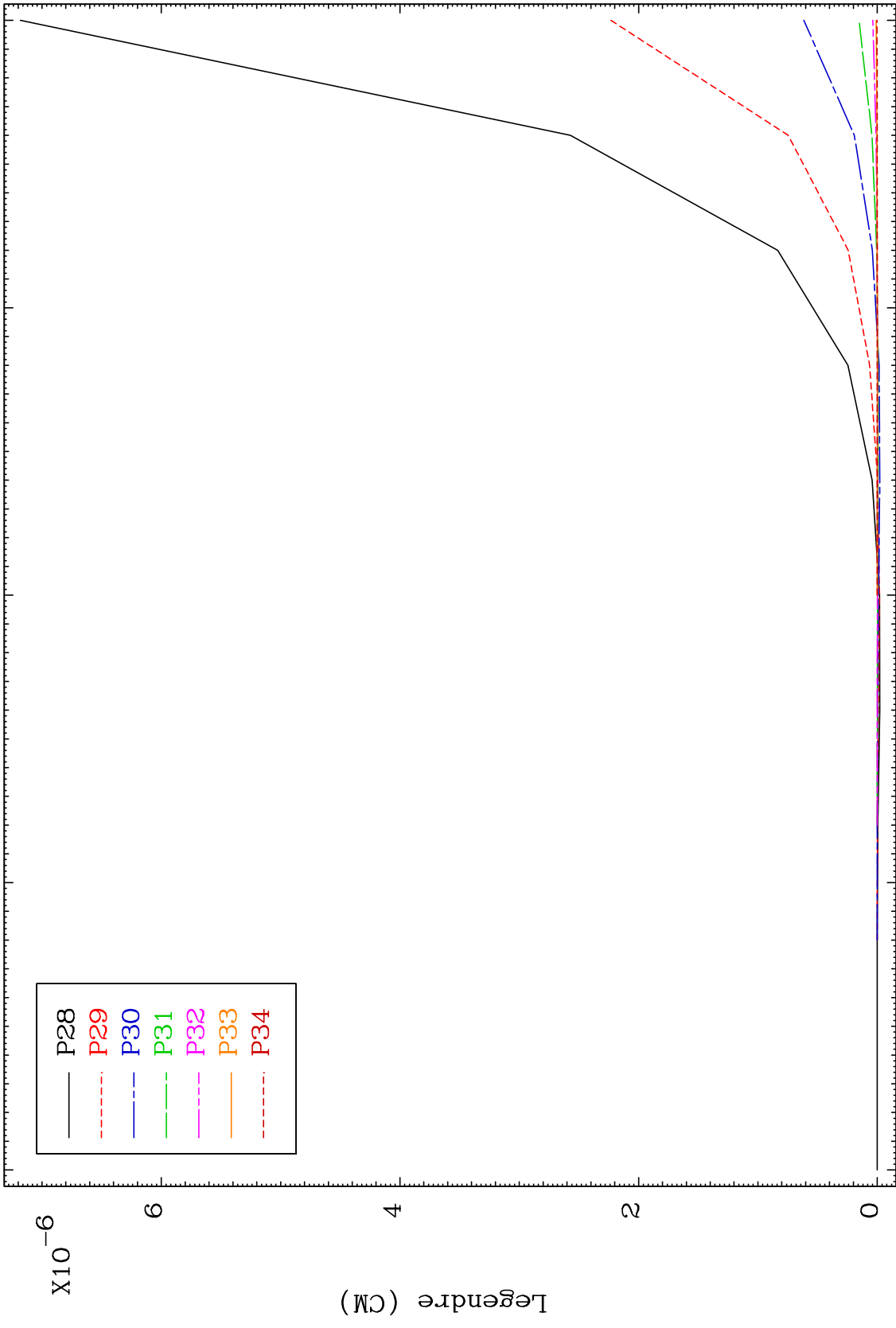
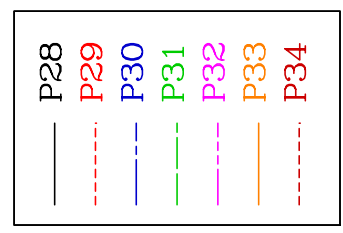
17

73-Ta-183

MAT 7334

Elastic Legendre Coefficients

⁷³Ta-183



18

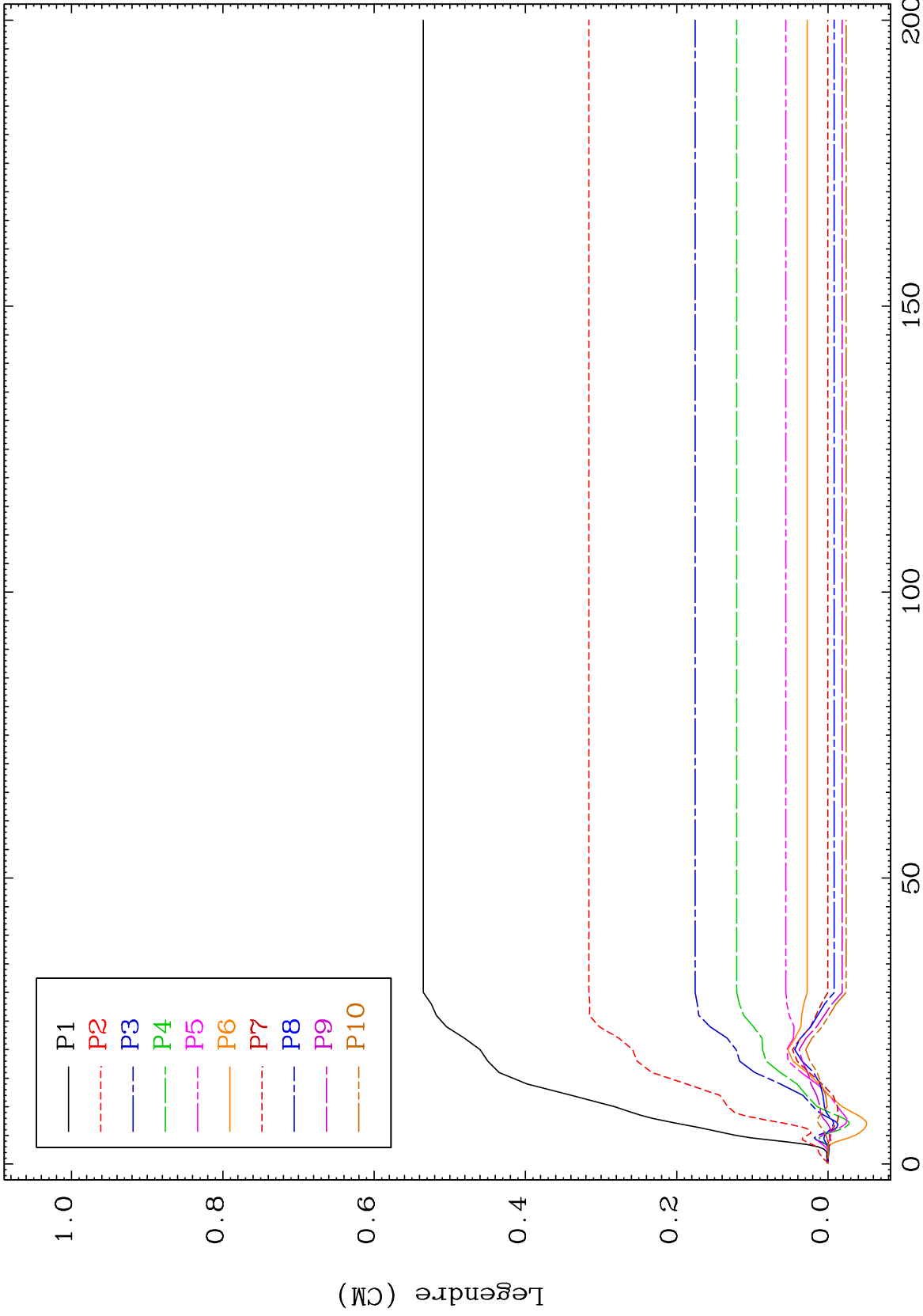
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

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

73-Ta-183



19

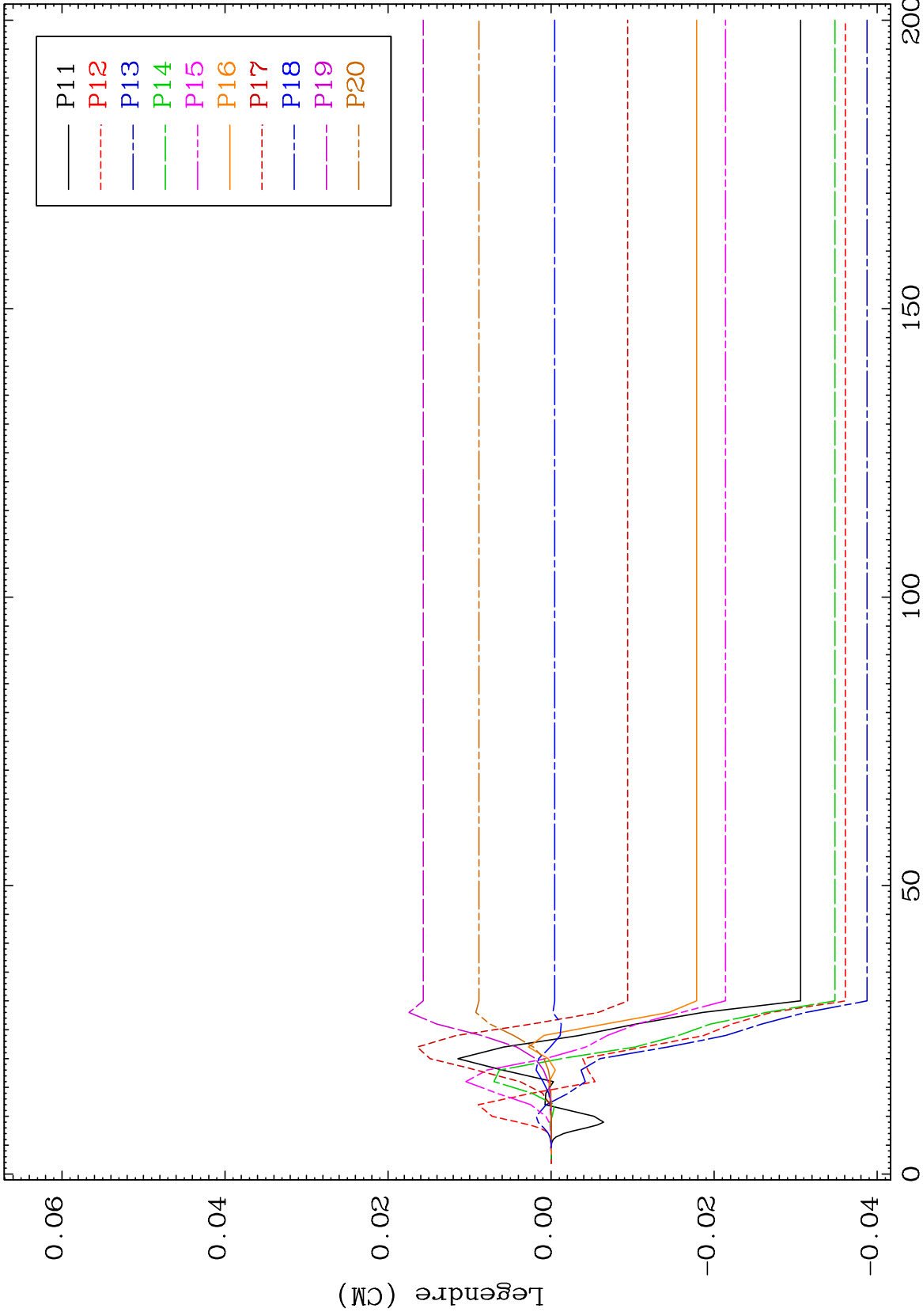
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



20

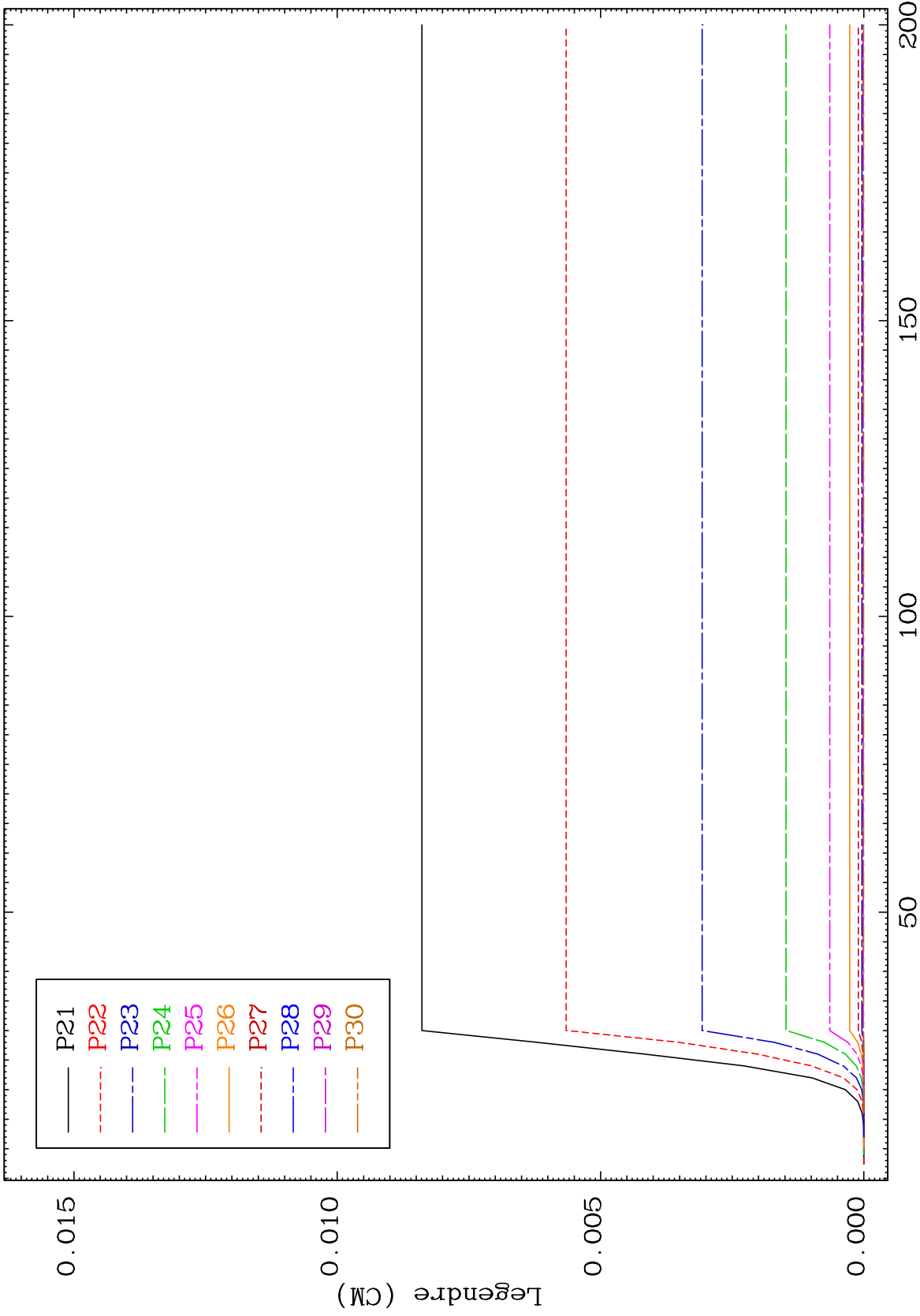
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



21

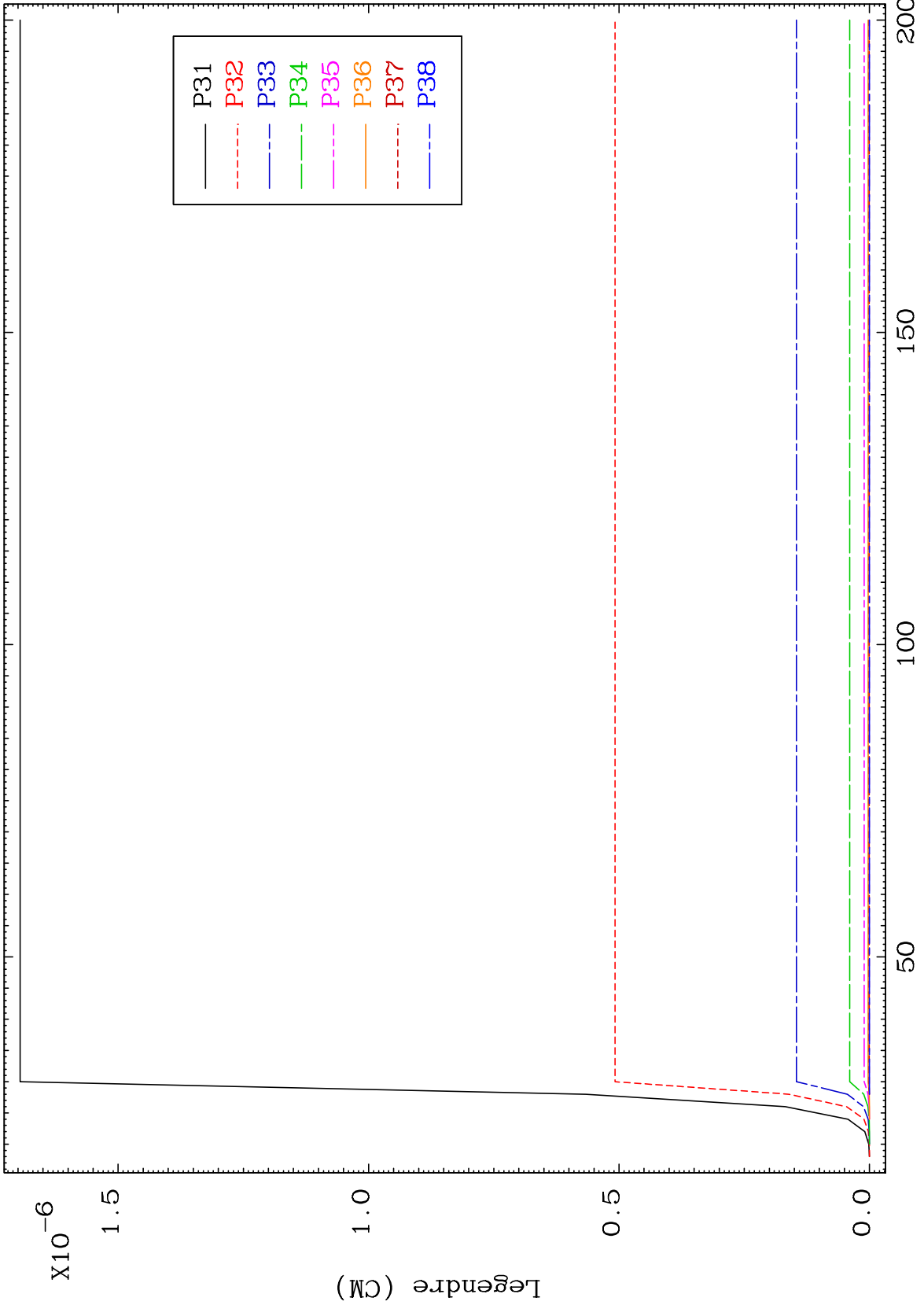
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



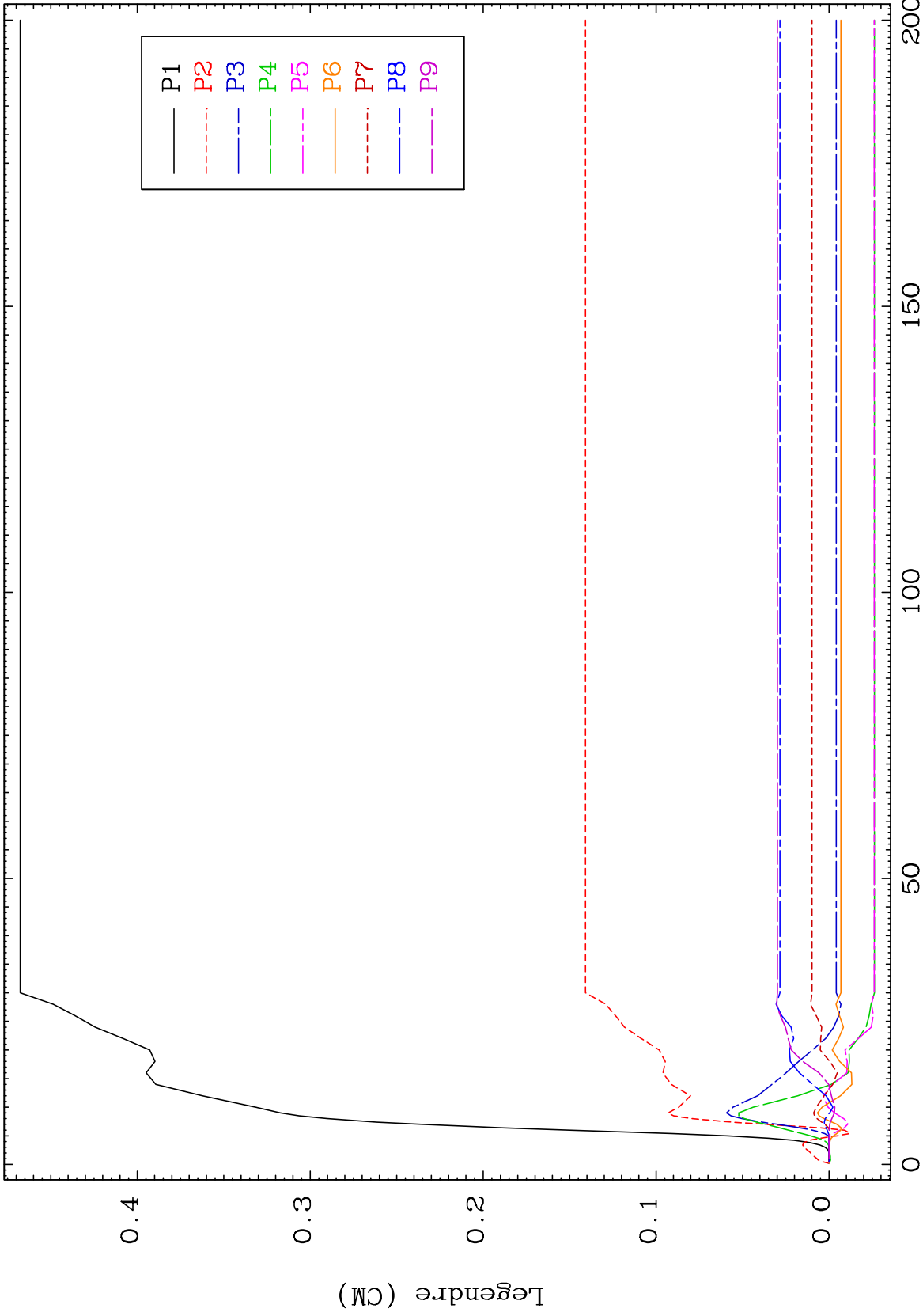
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73-Ta-183

MAT 7334

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

73-Ta-183



23

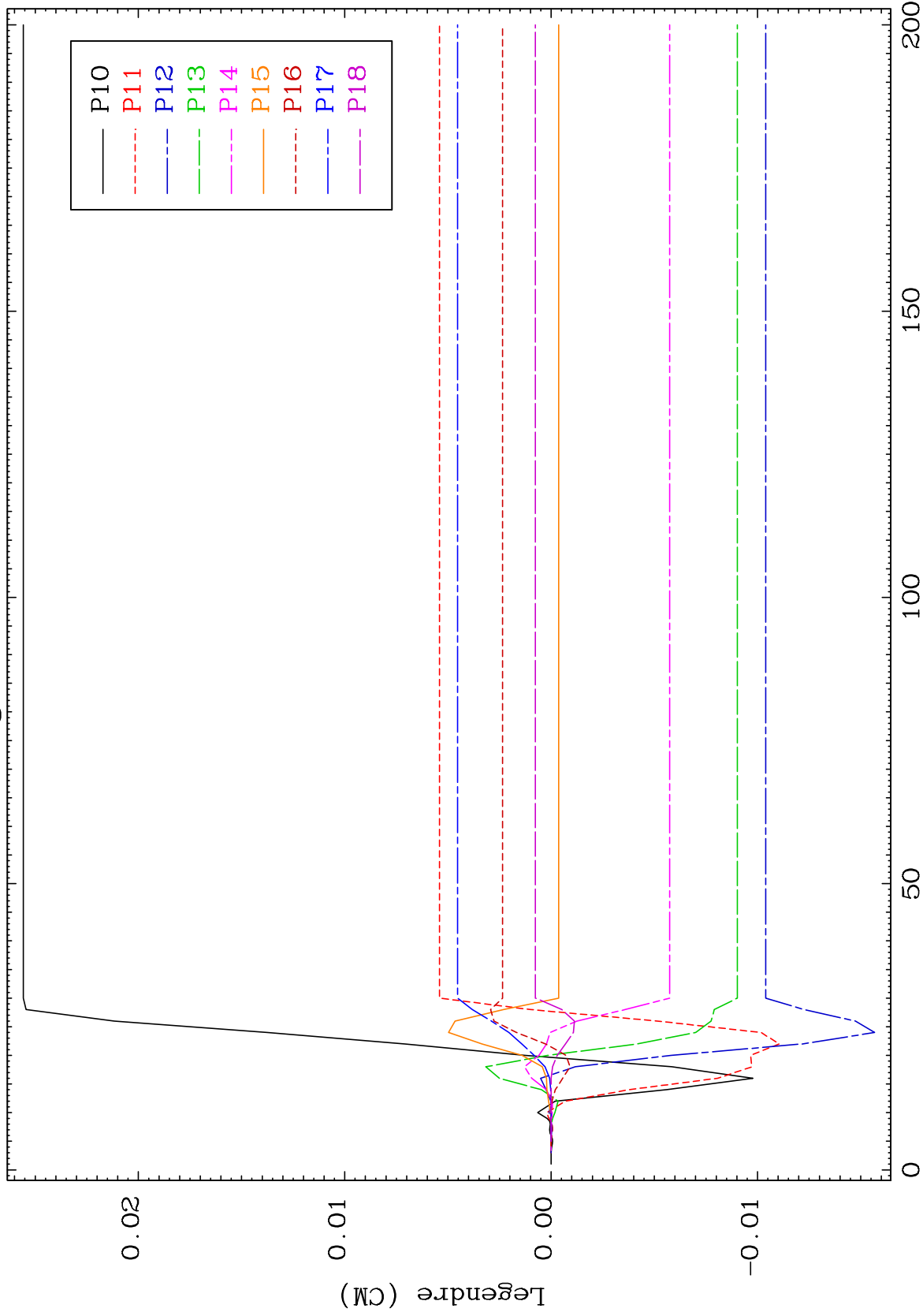
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



24

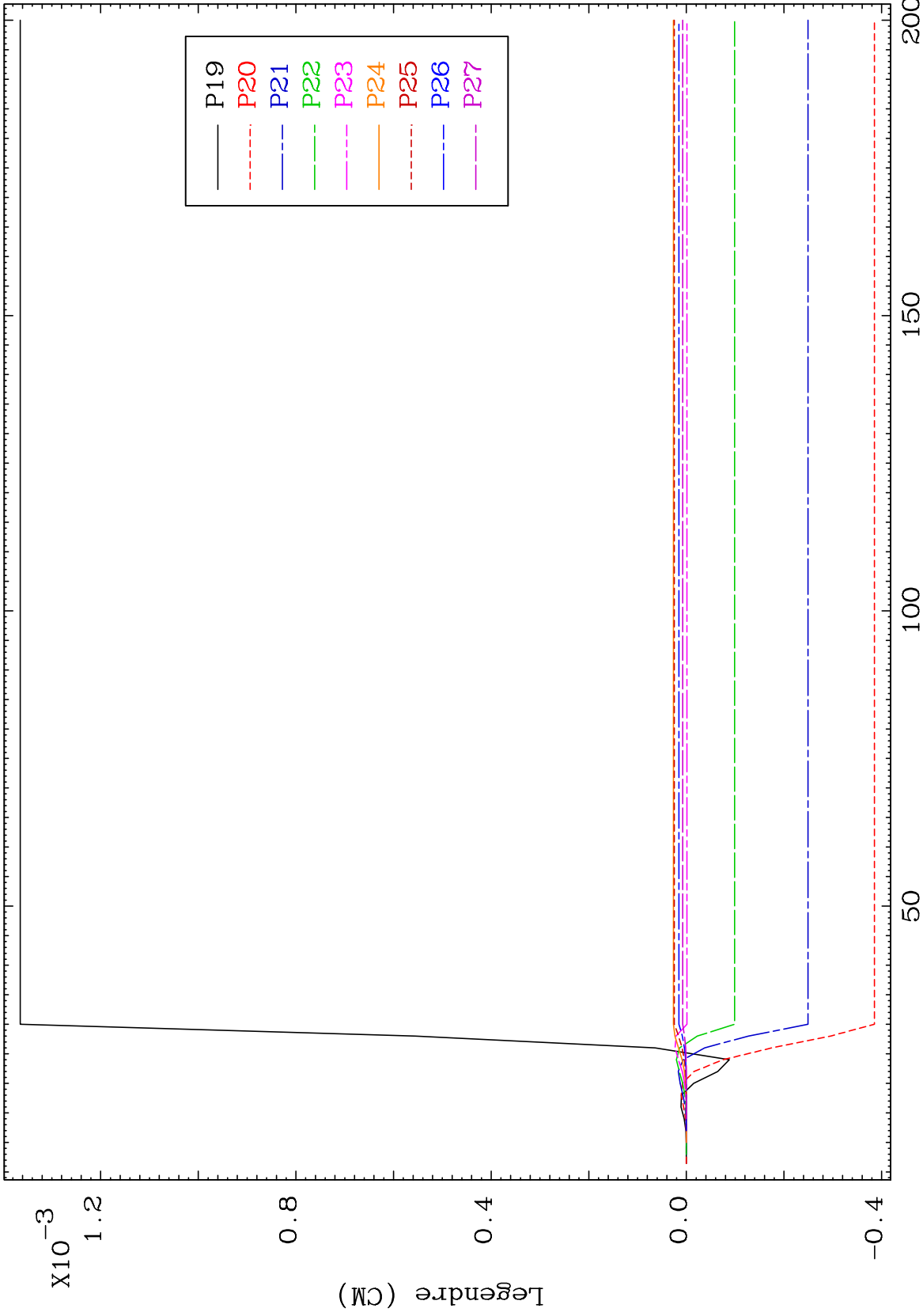
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



25

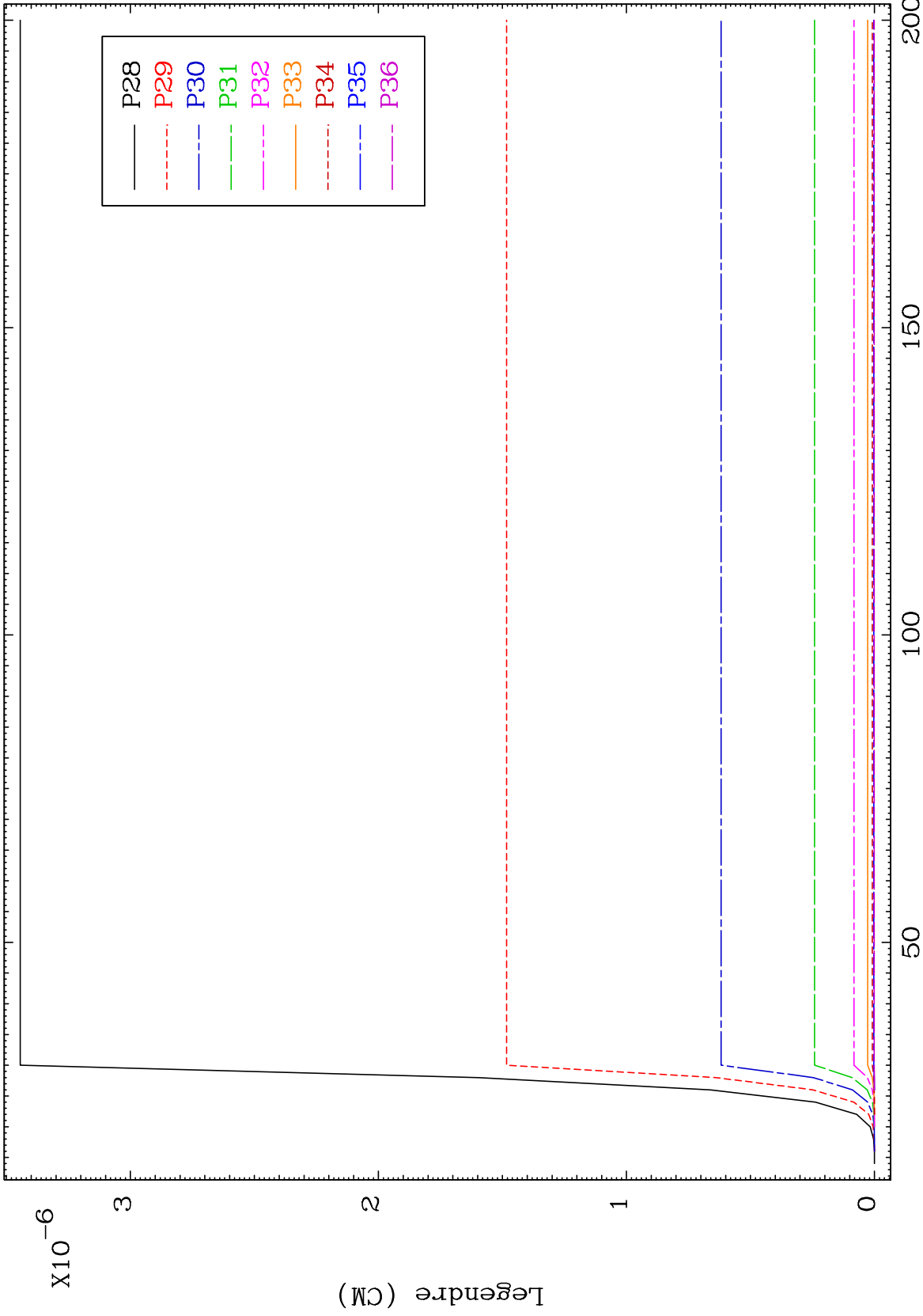
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



26

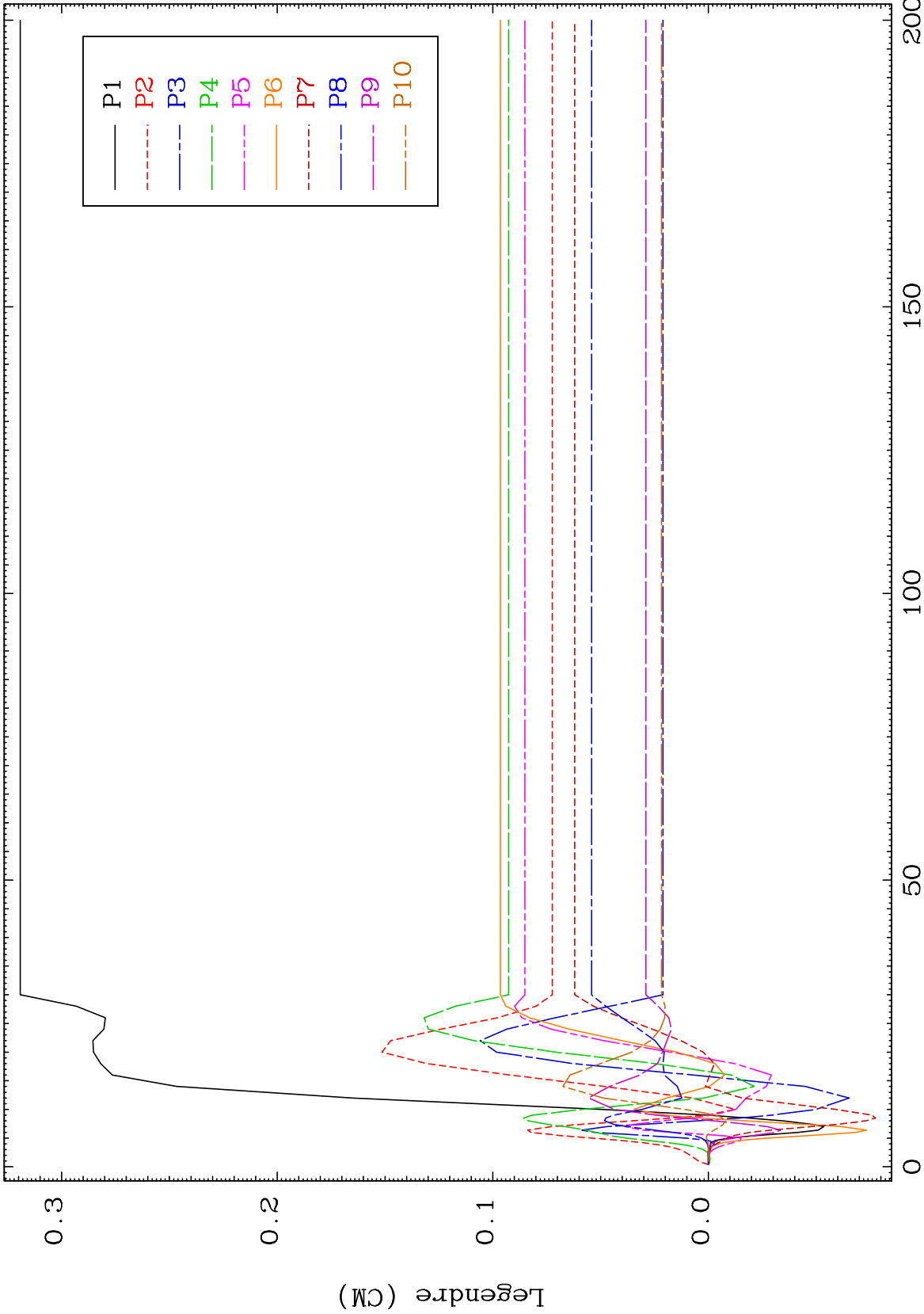
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



27

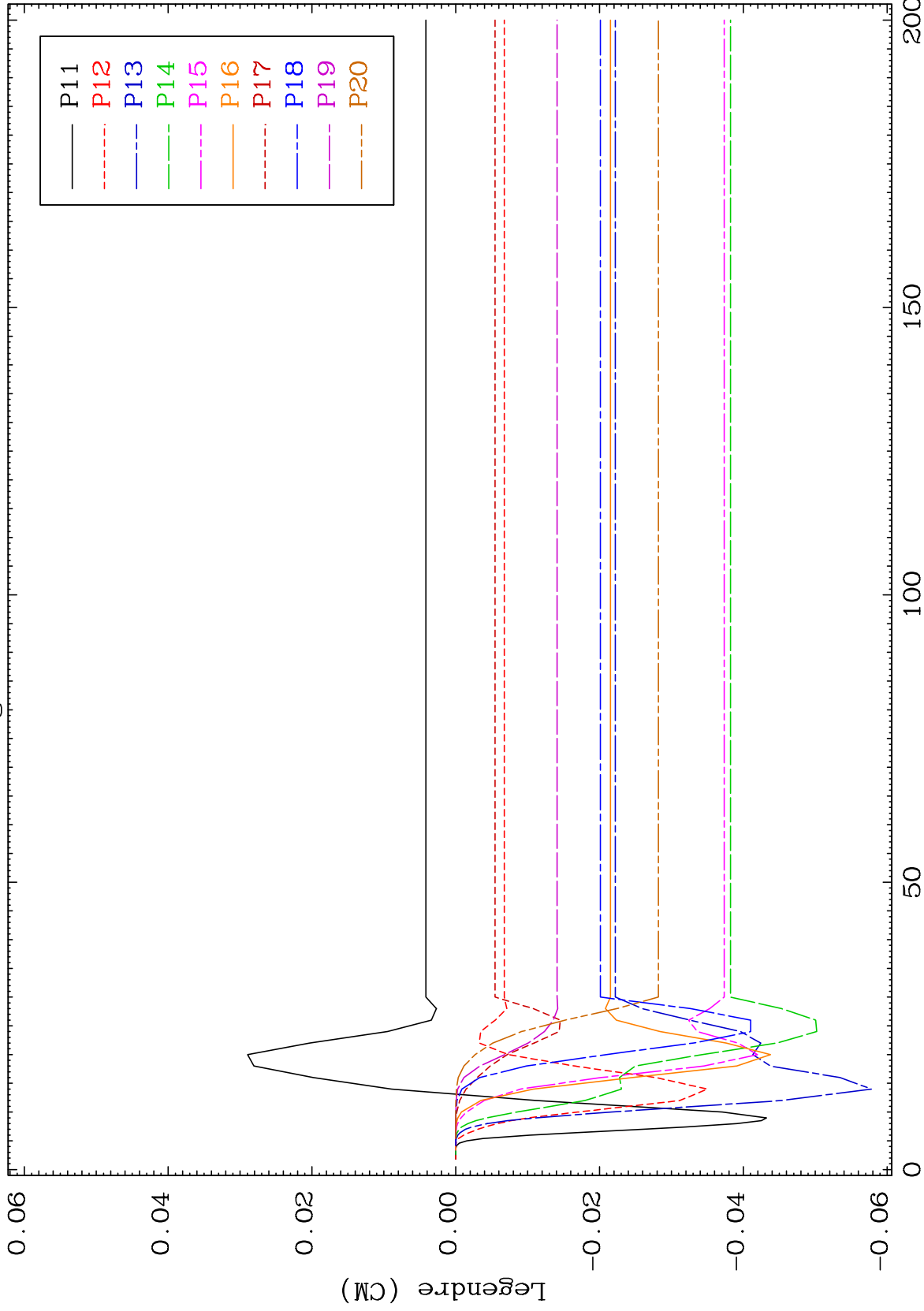
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



28

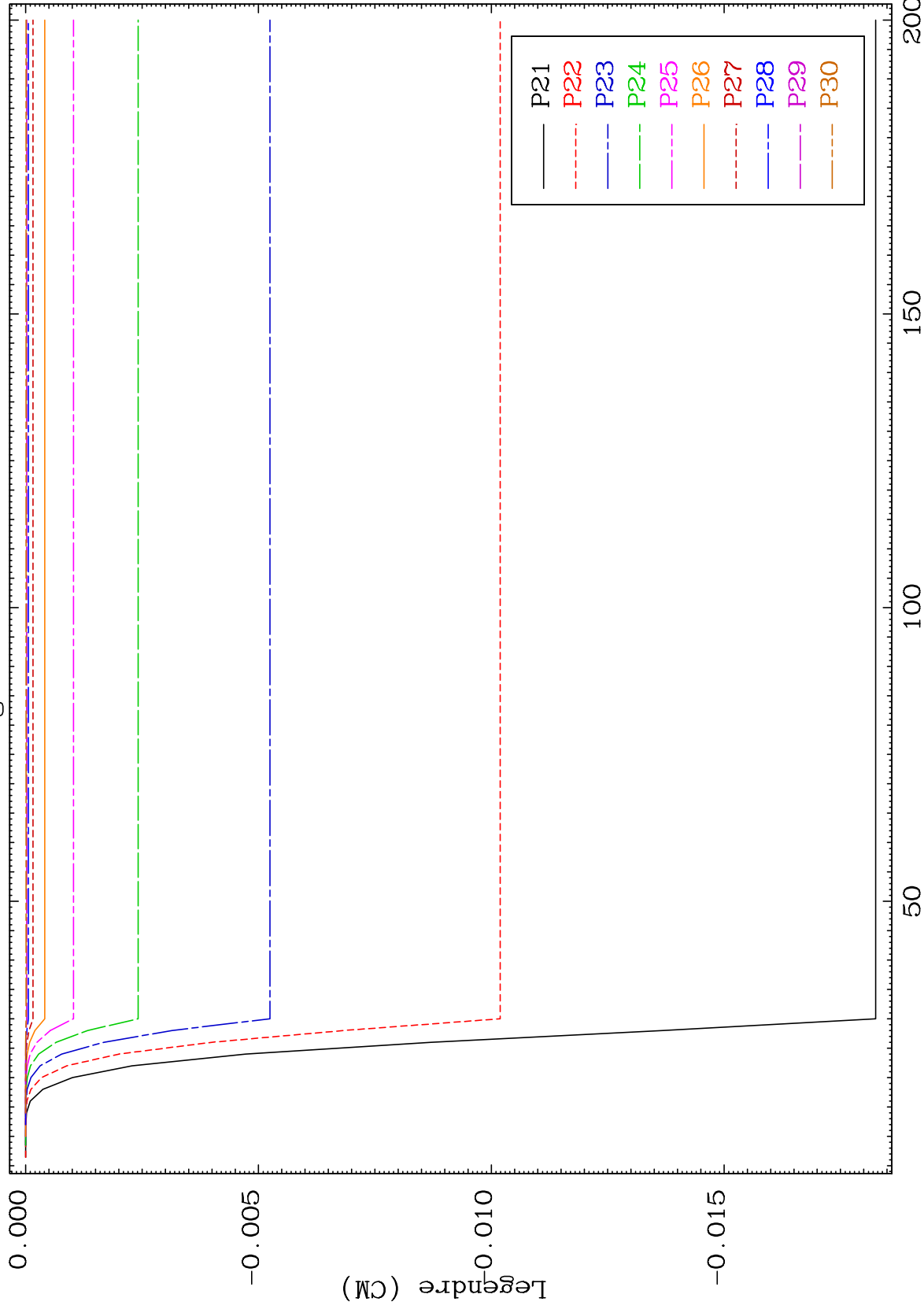
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



29

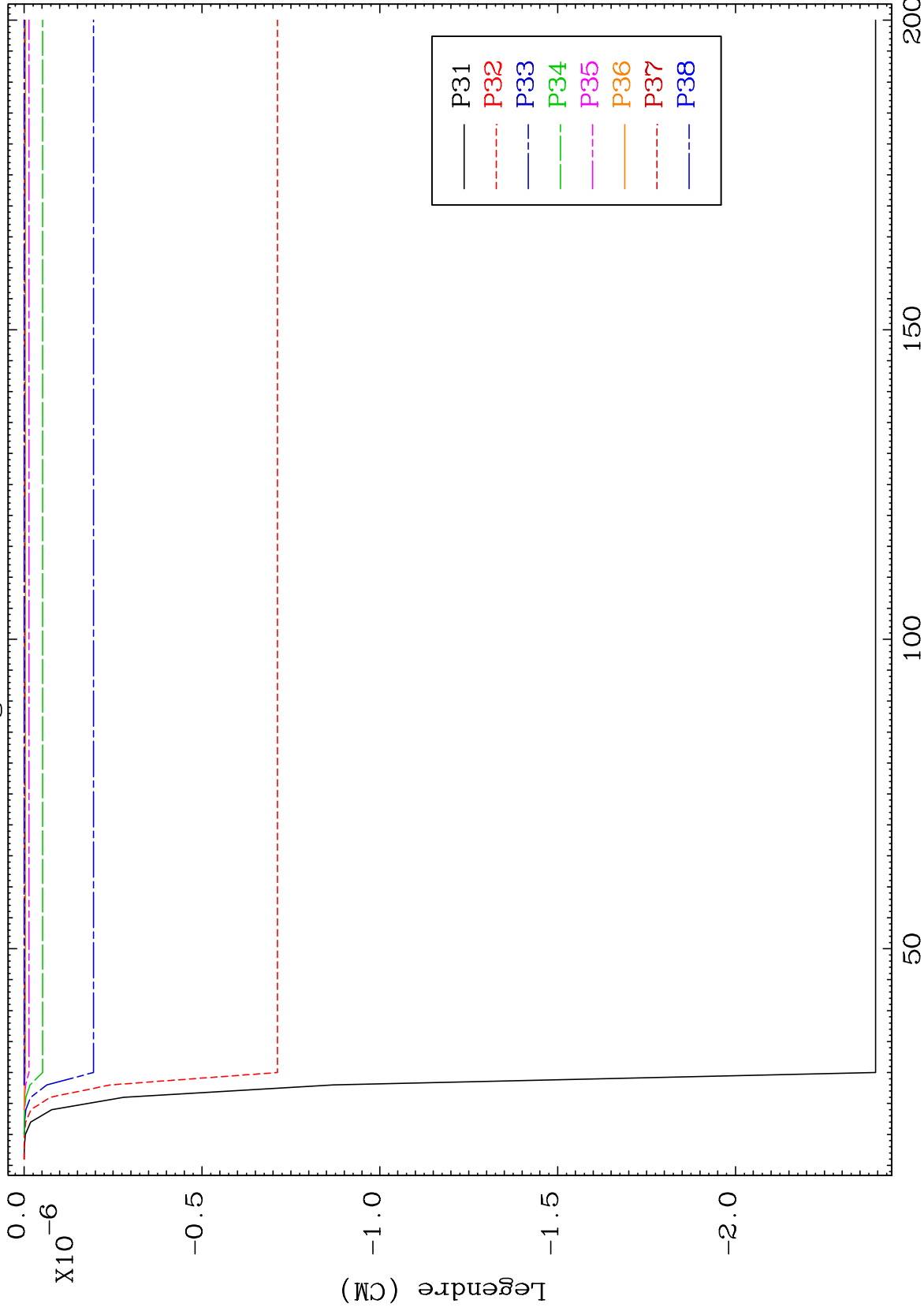
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



30

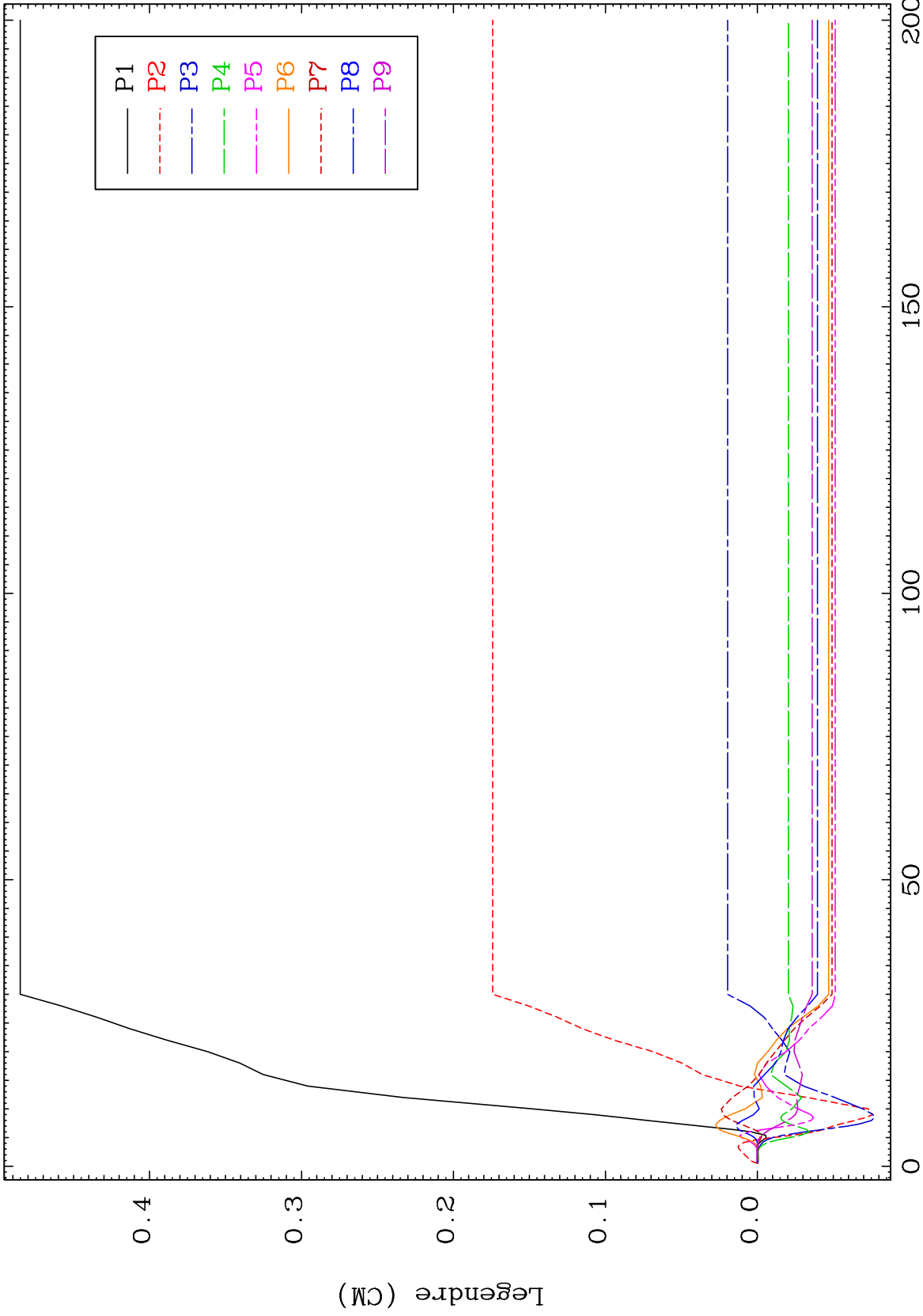
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



31

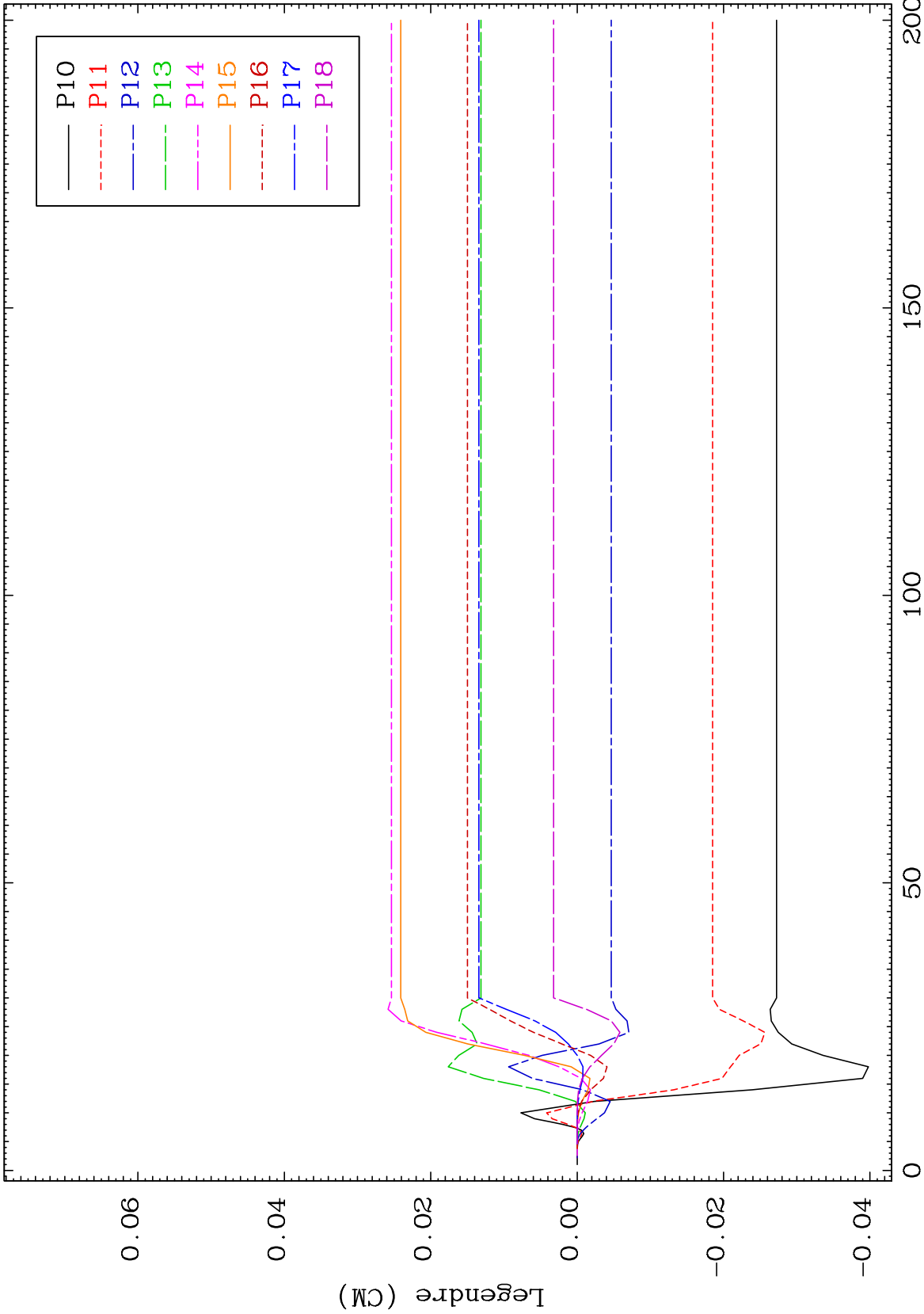
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



32

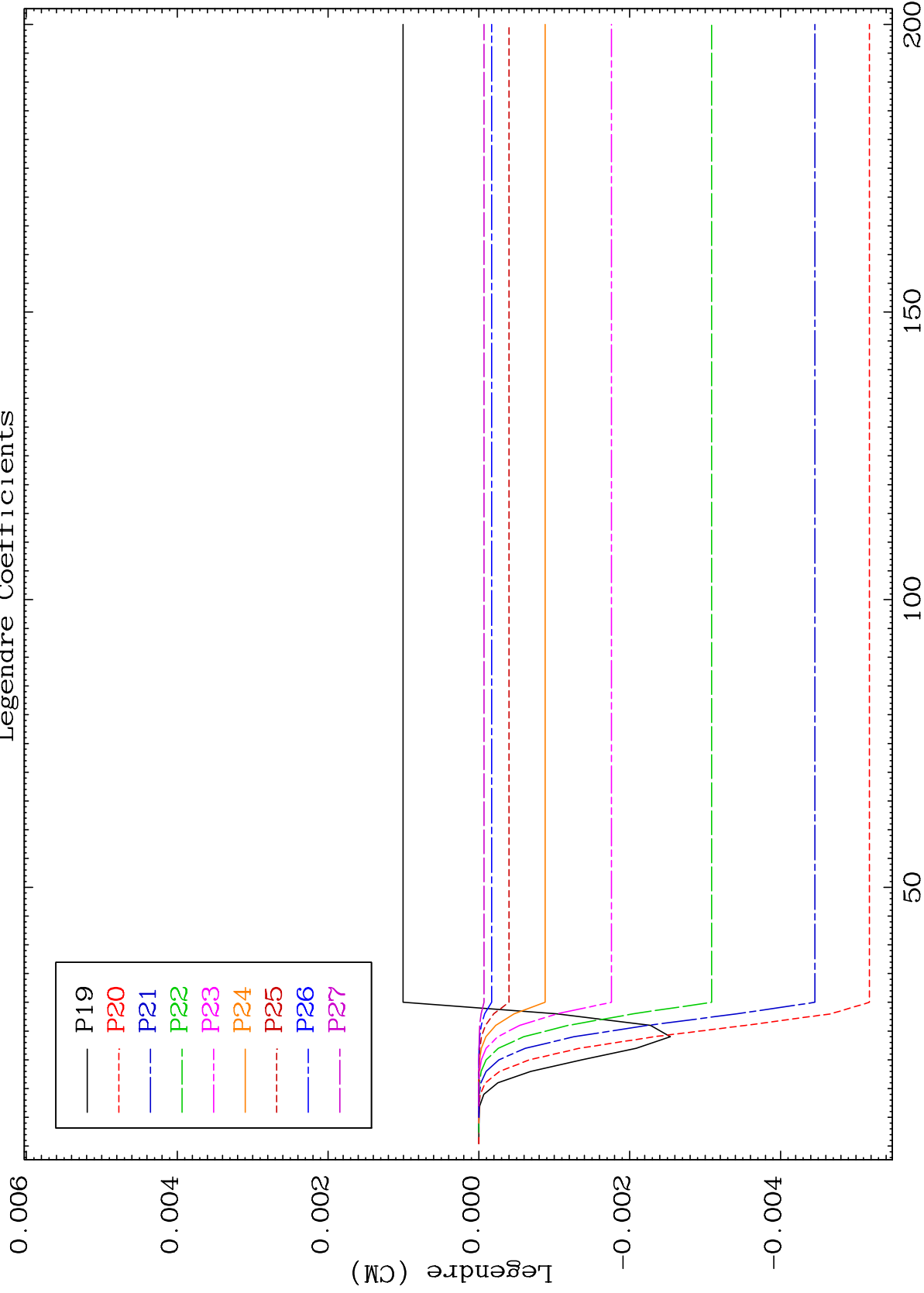
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



33

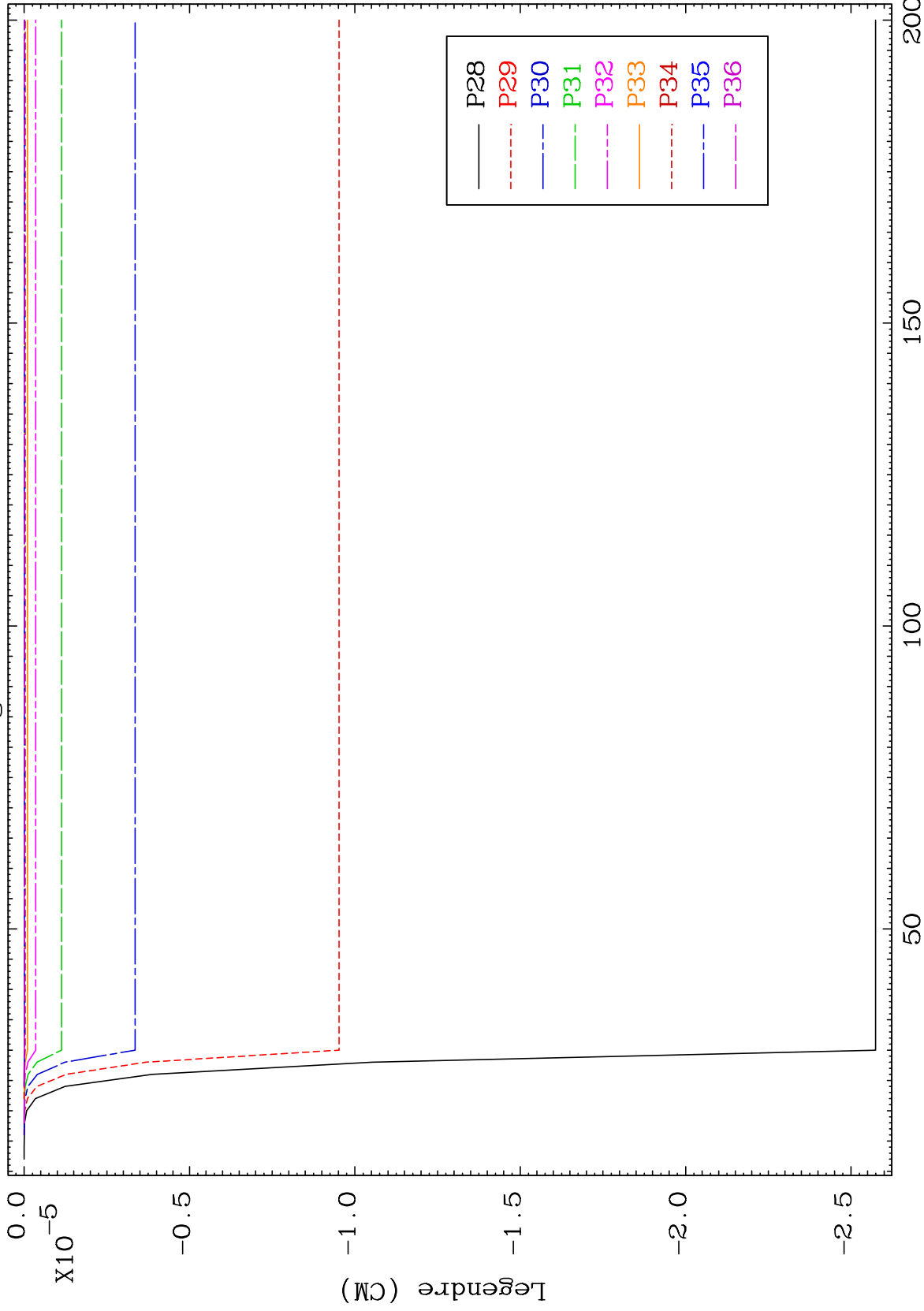
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



34

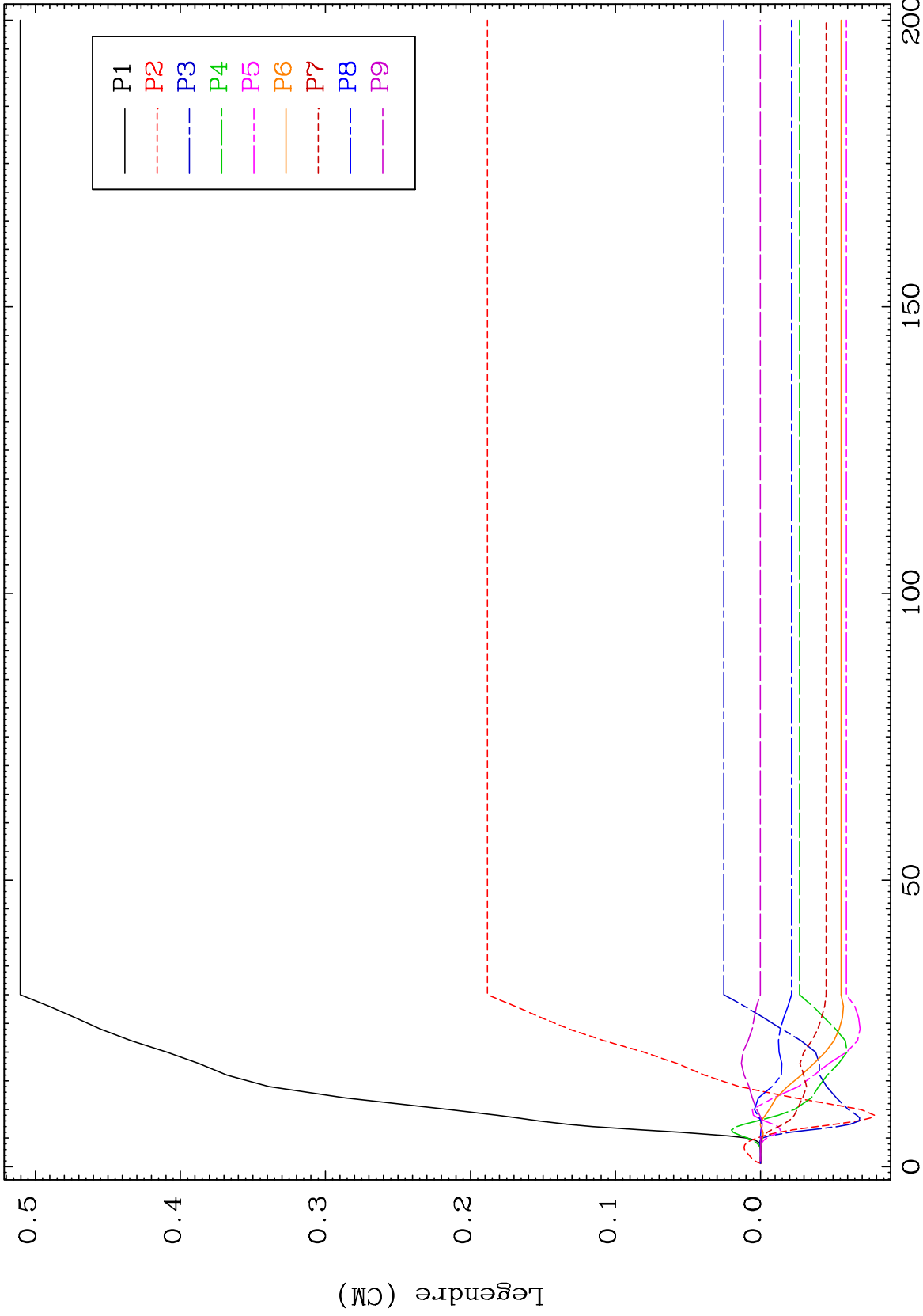
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

⁷³Ta-183



35

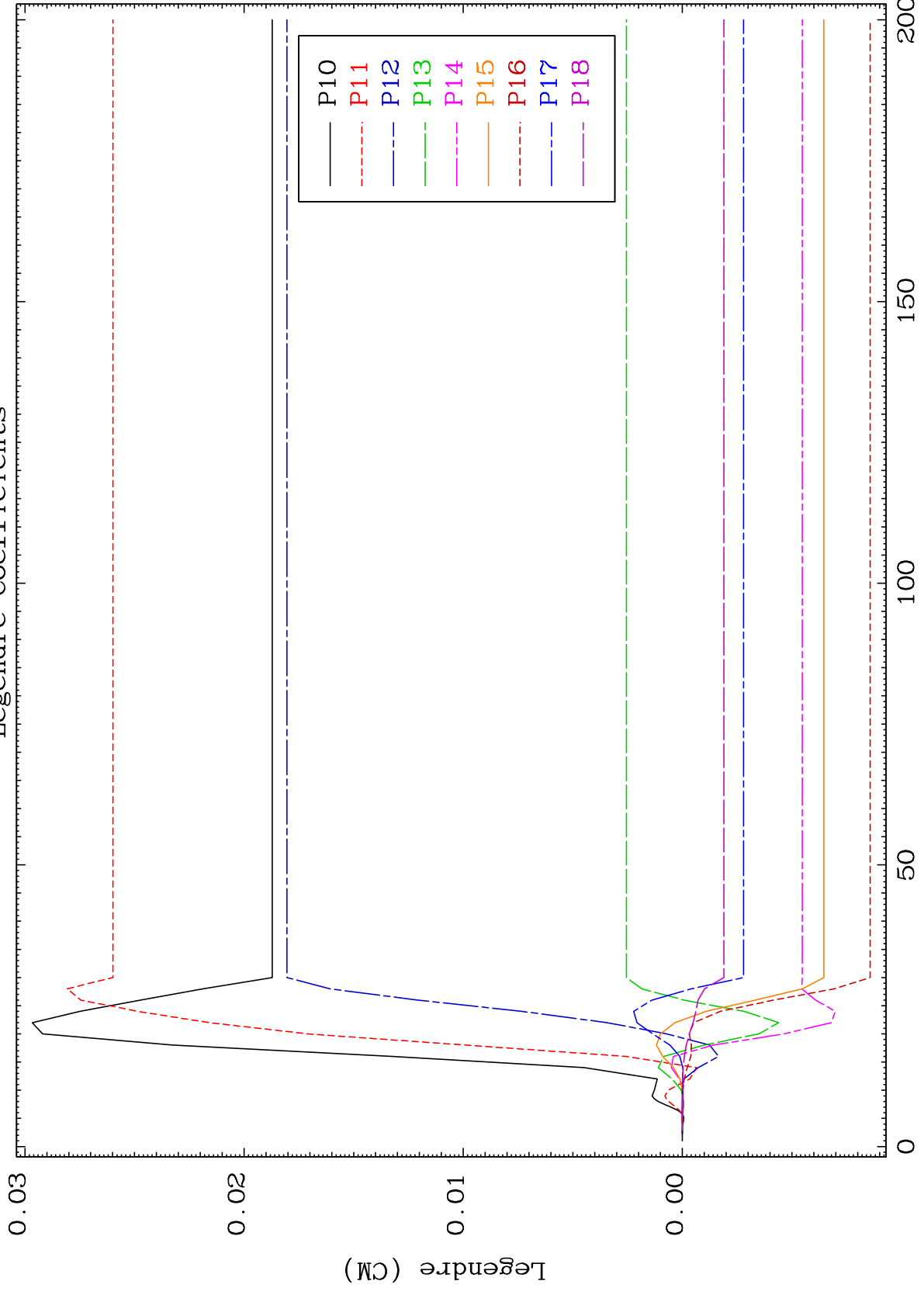
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

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

73-Ta-183



36

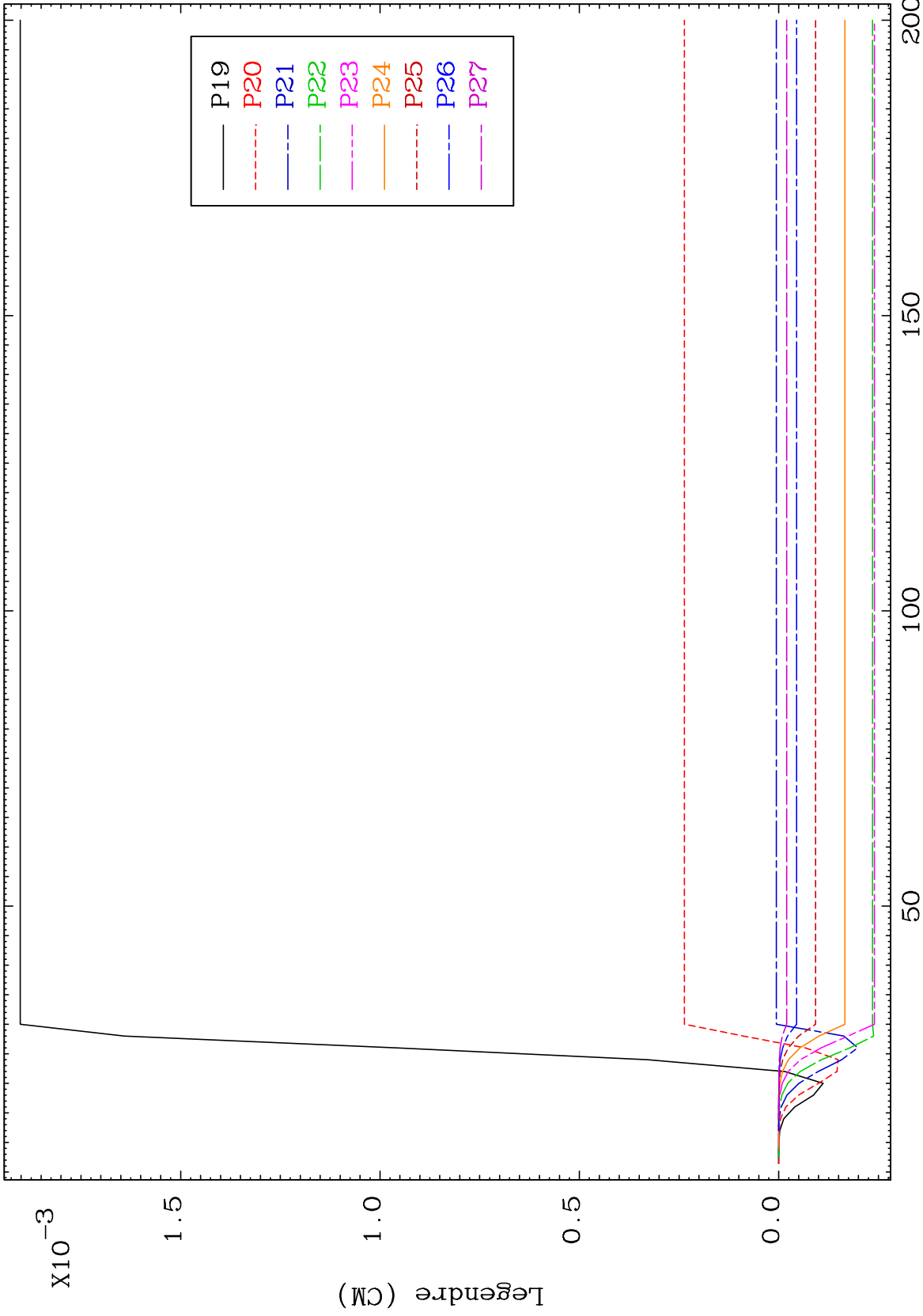
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



37

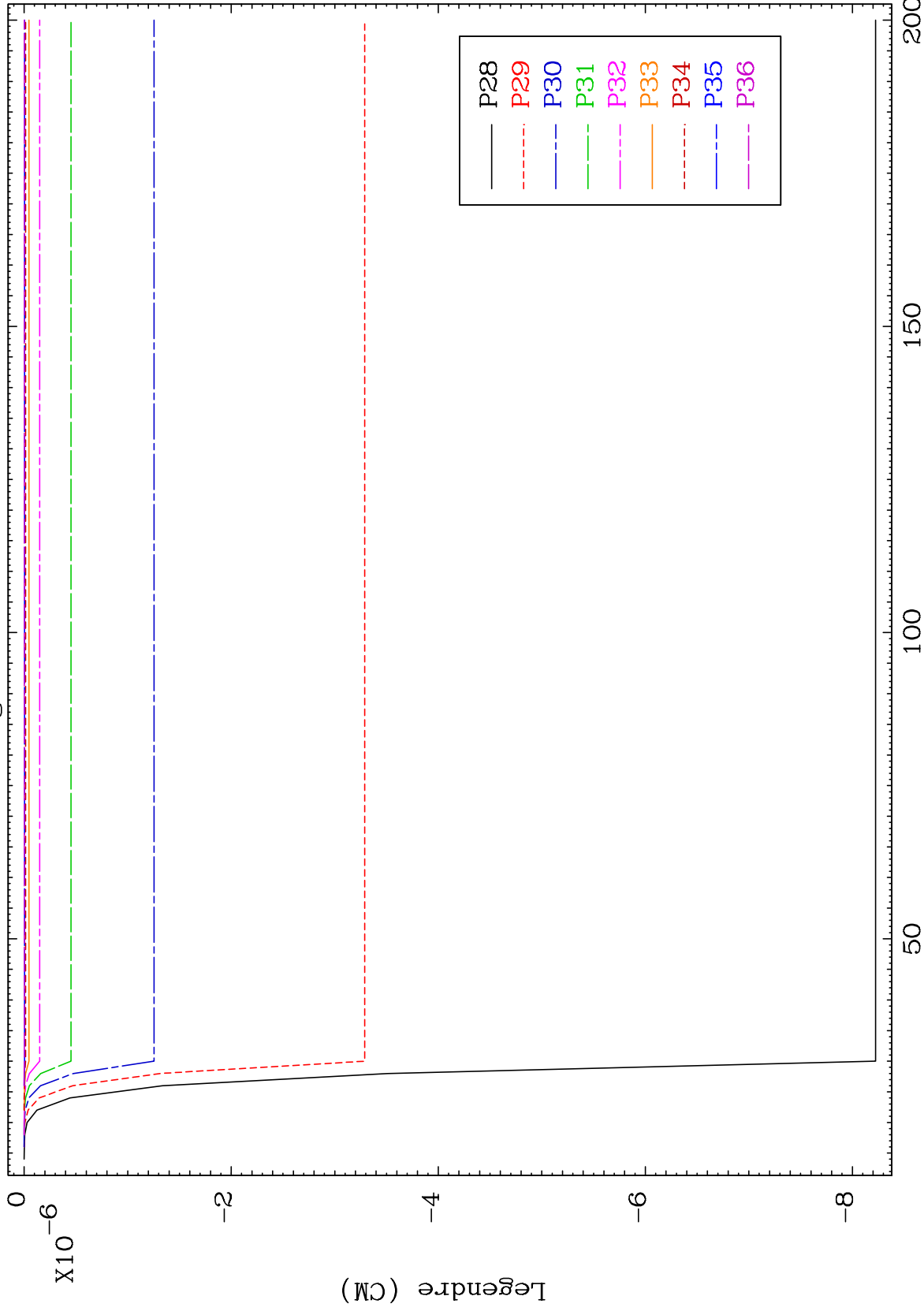
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



38

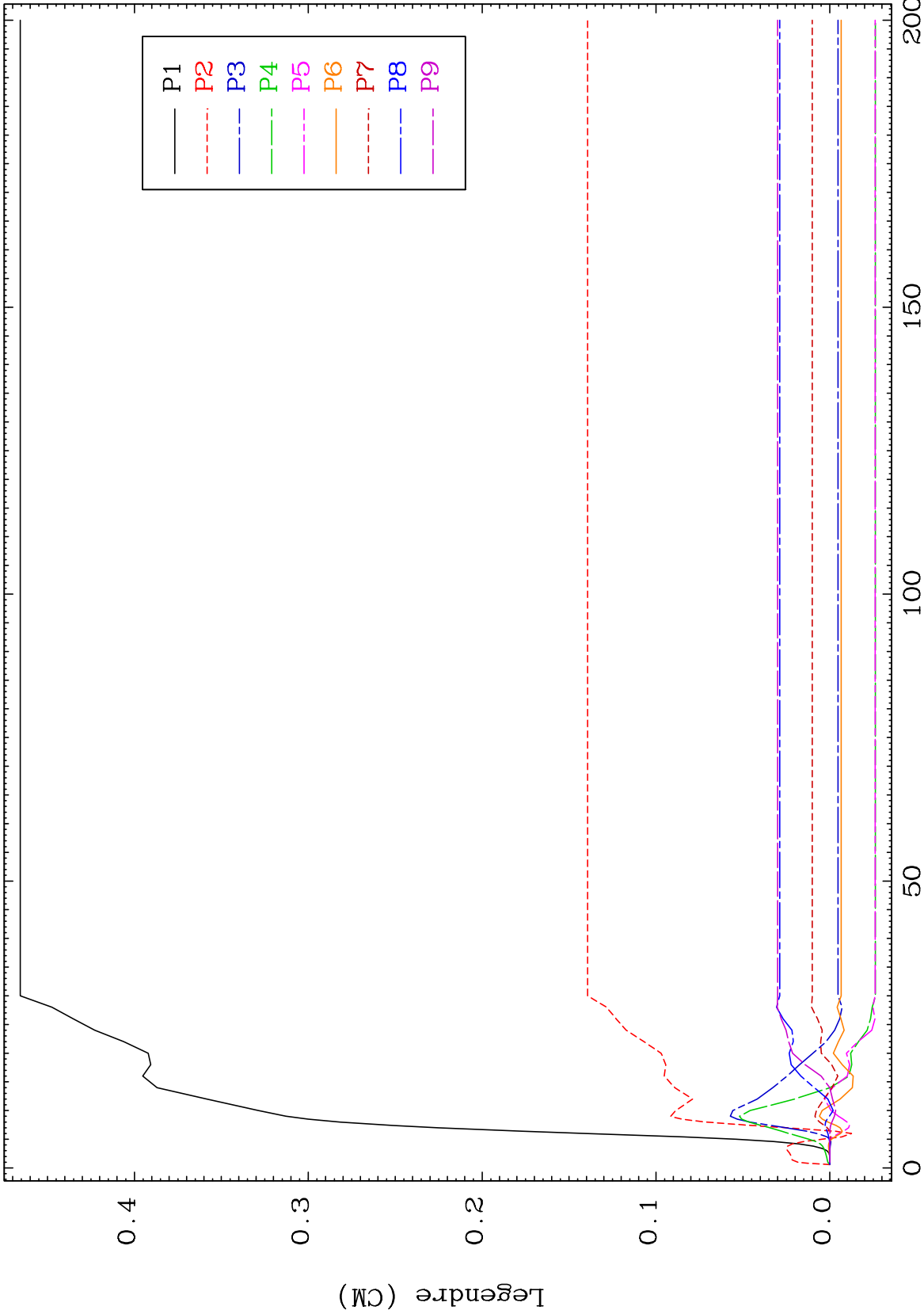
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



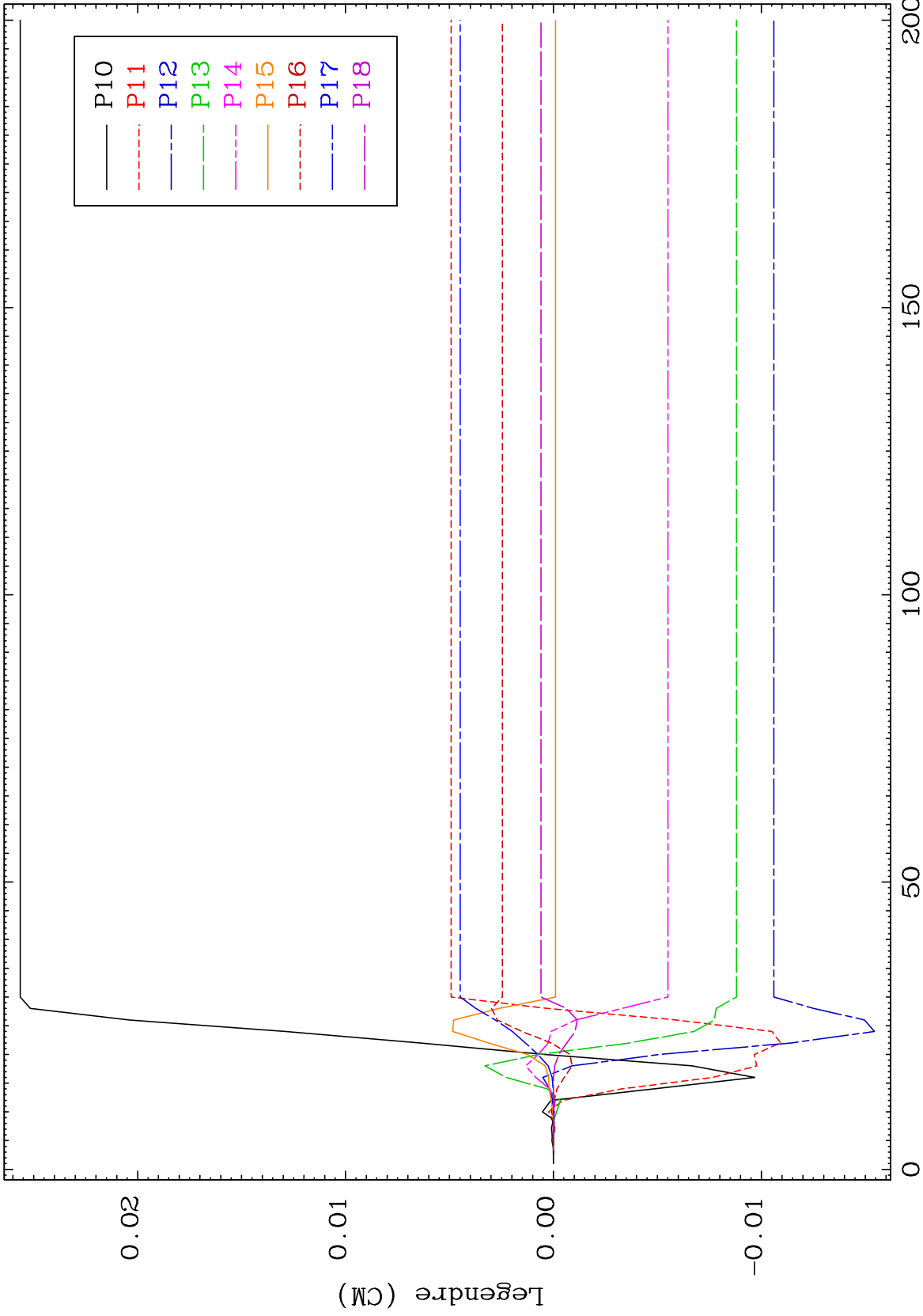
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73-Ta-183

MAT 7334

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

73-Ta-183



40

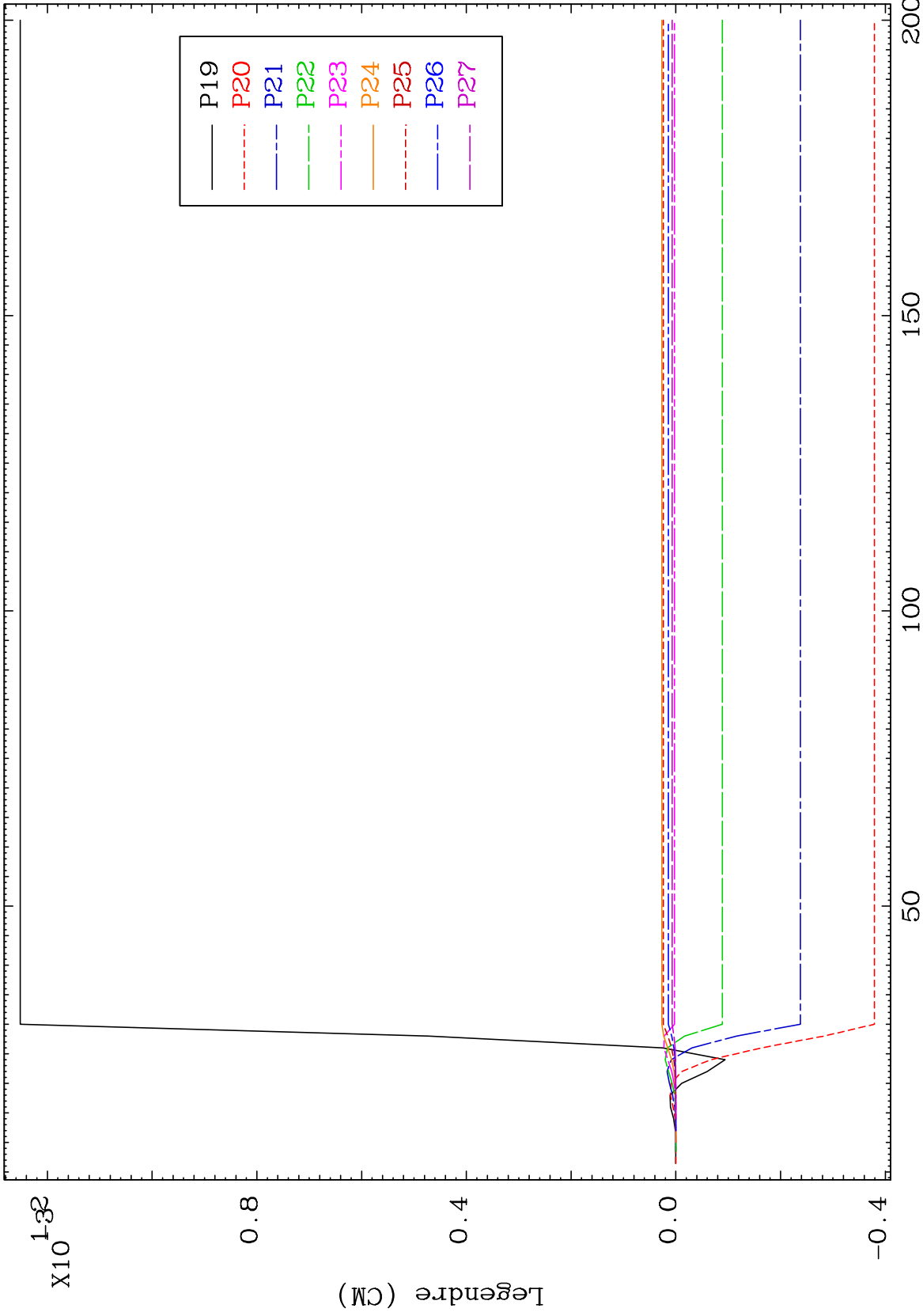
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



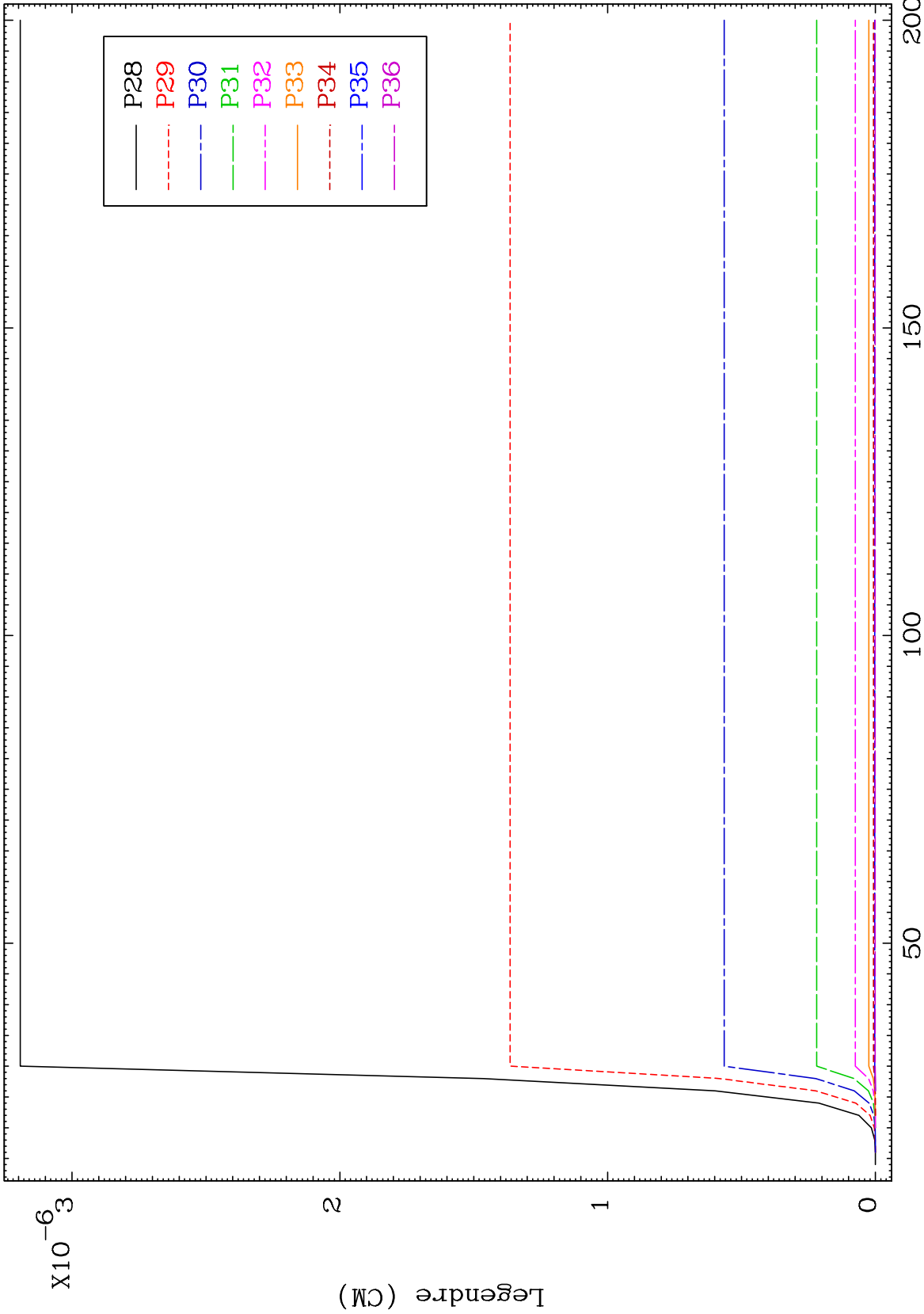
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73-Ta-183

MAT 7334

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

73-Ta-183



42

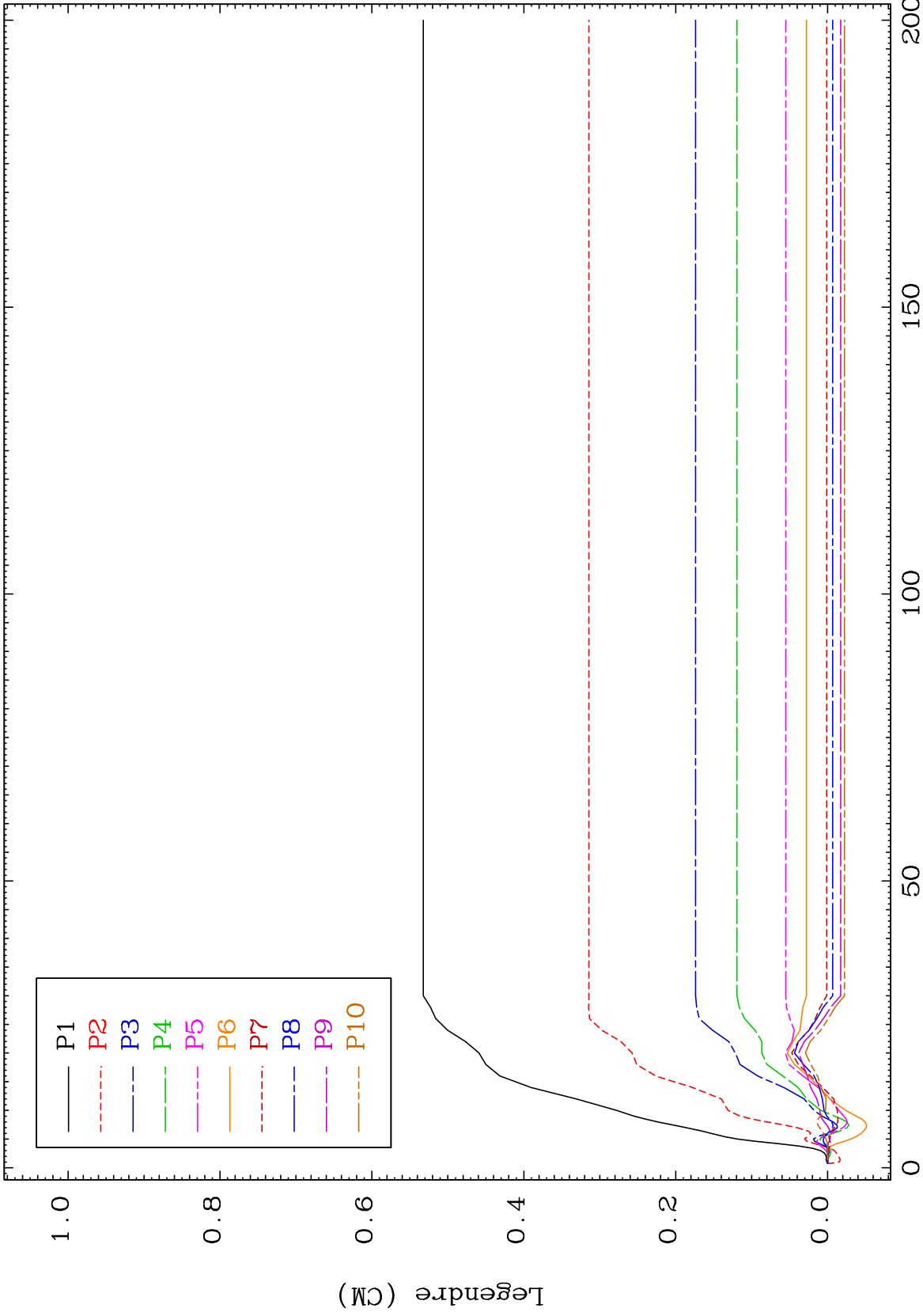
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



43

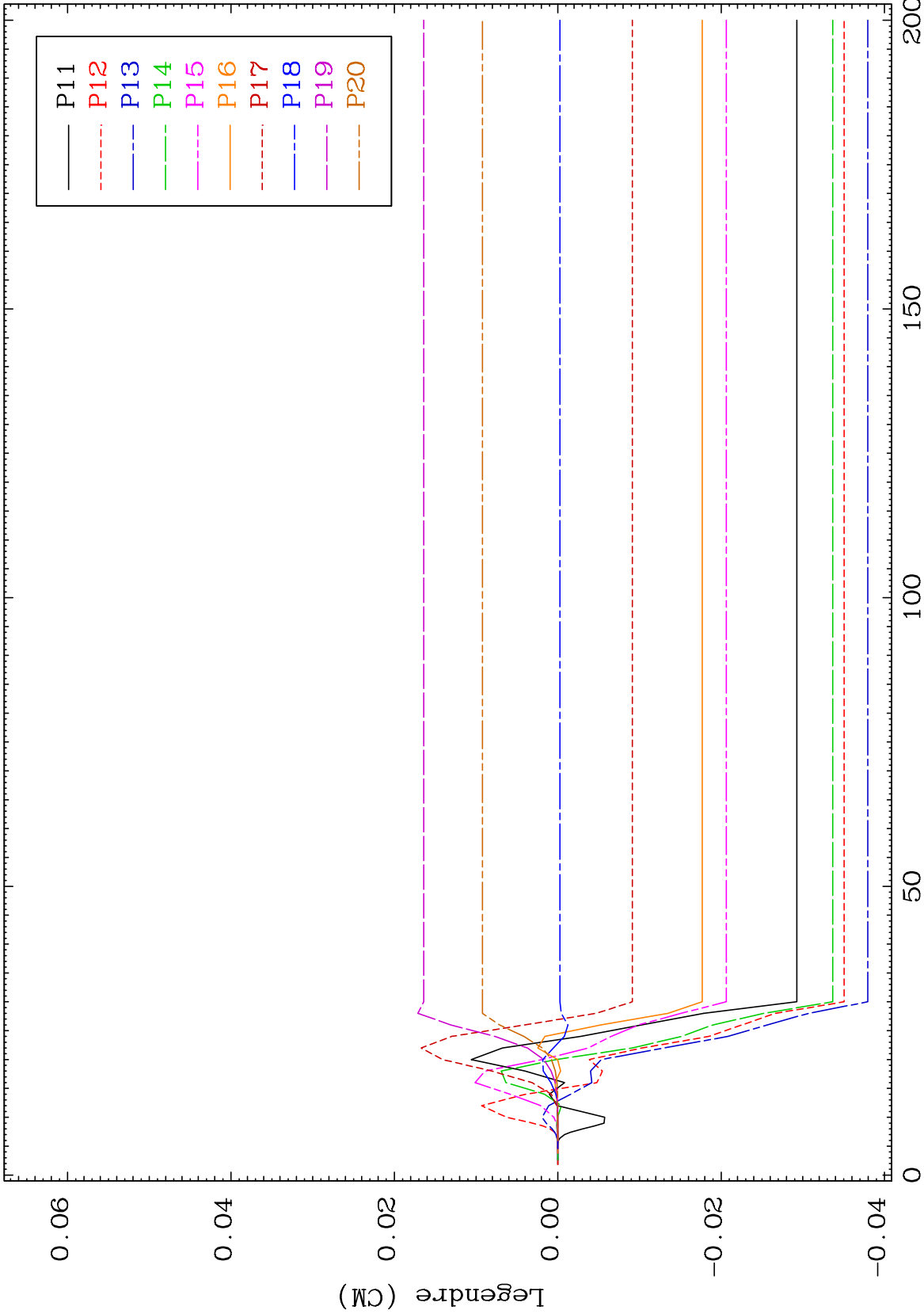
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



44

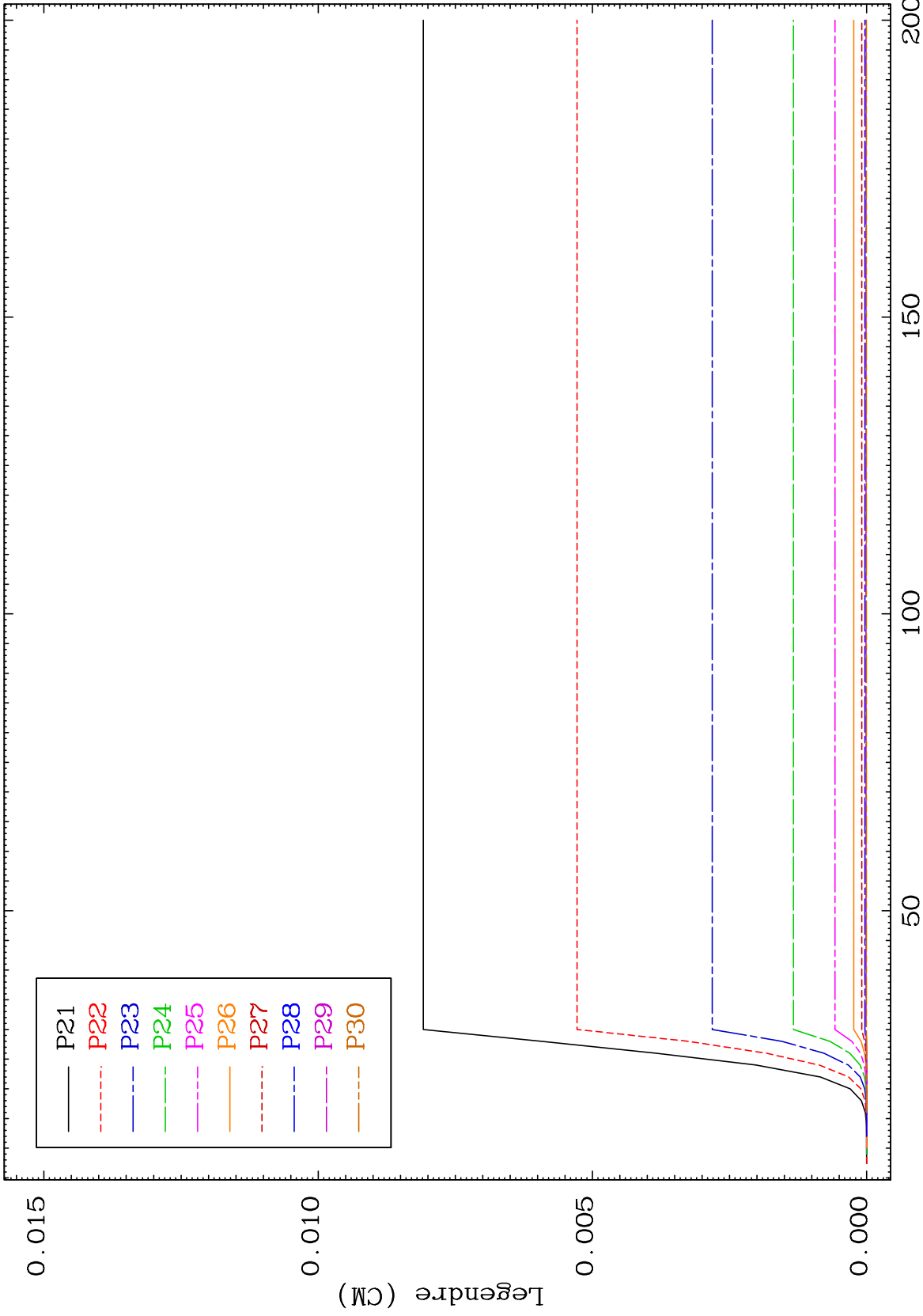
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



45

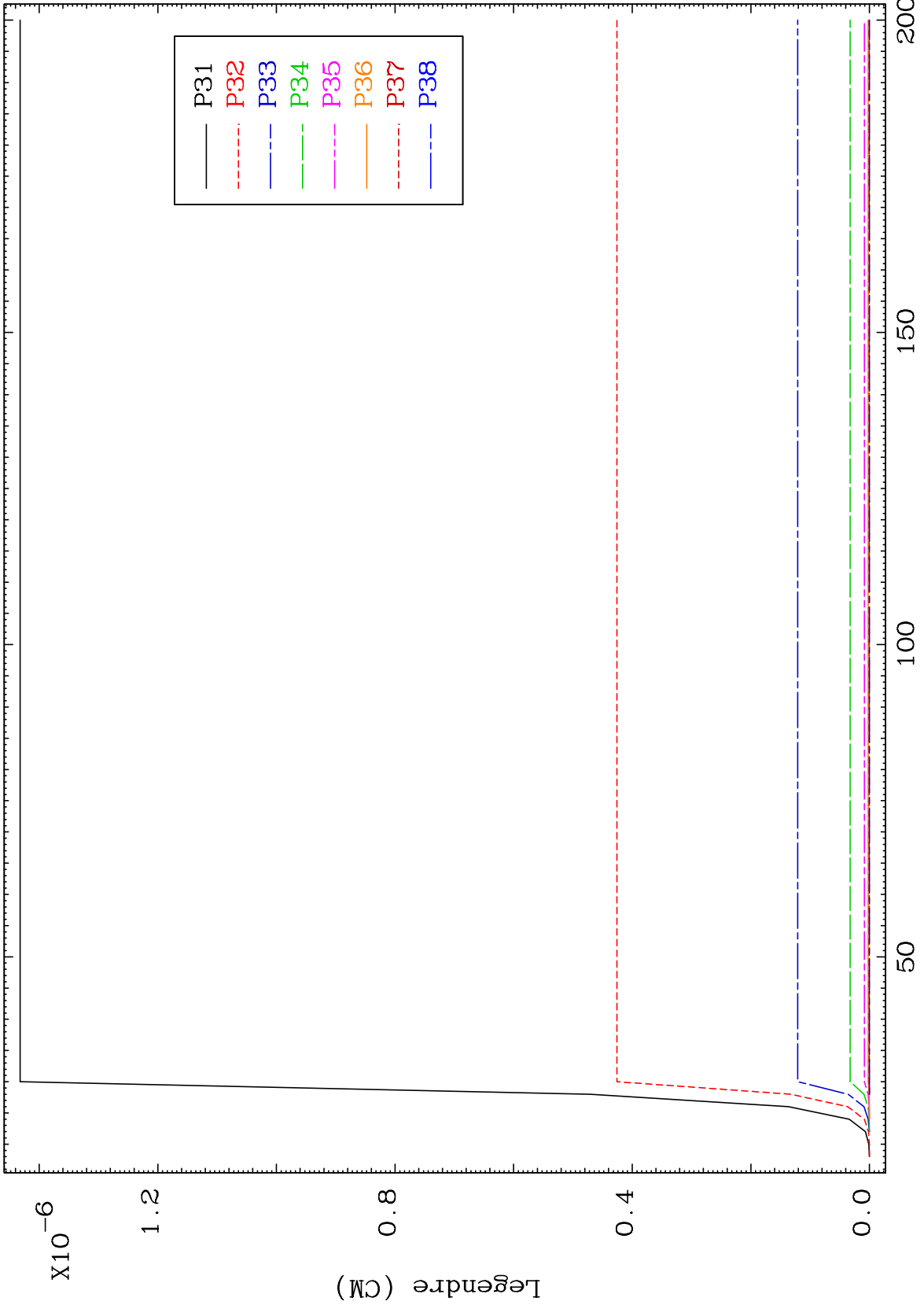
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



46

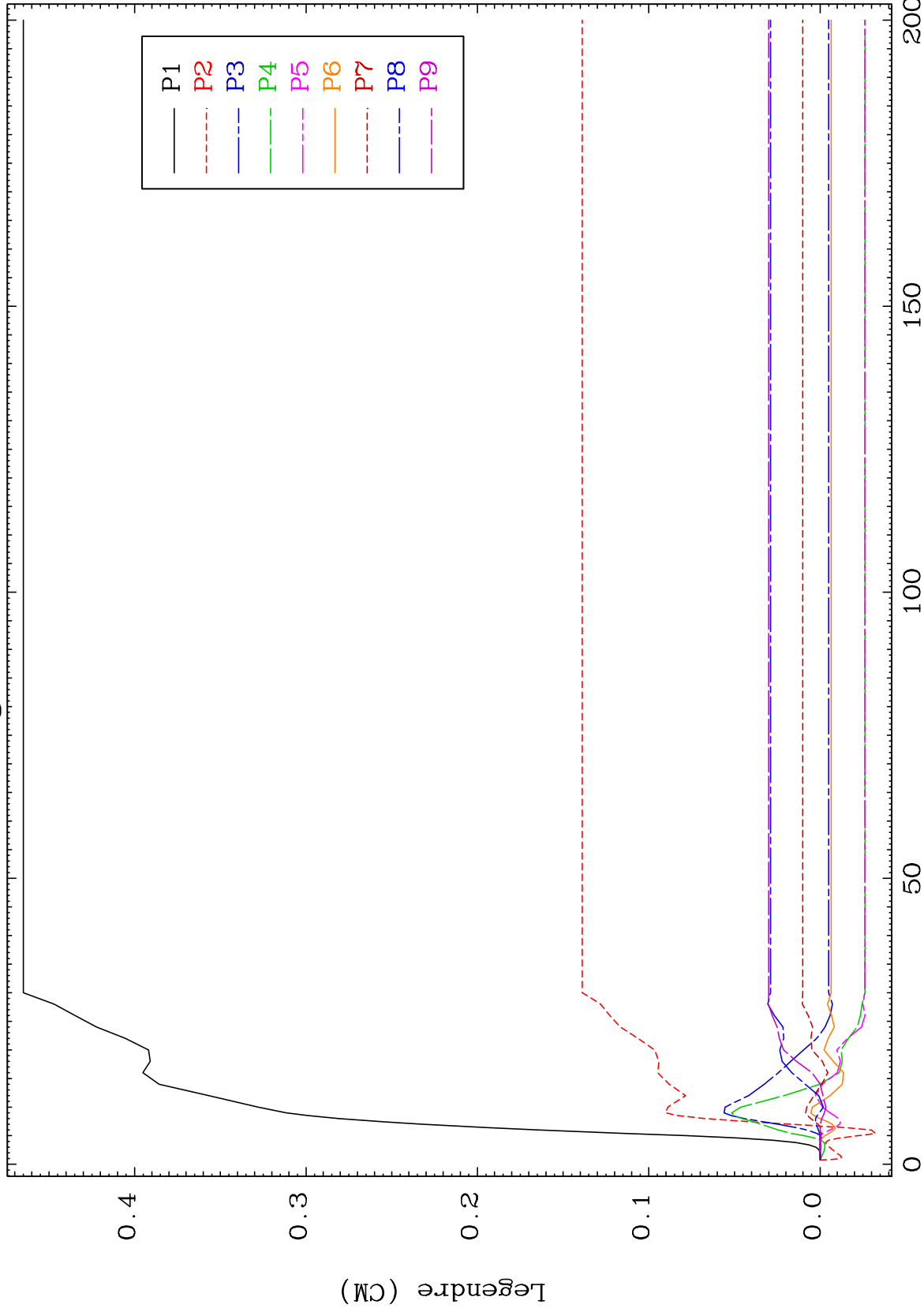
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



47

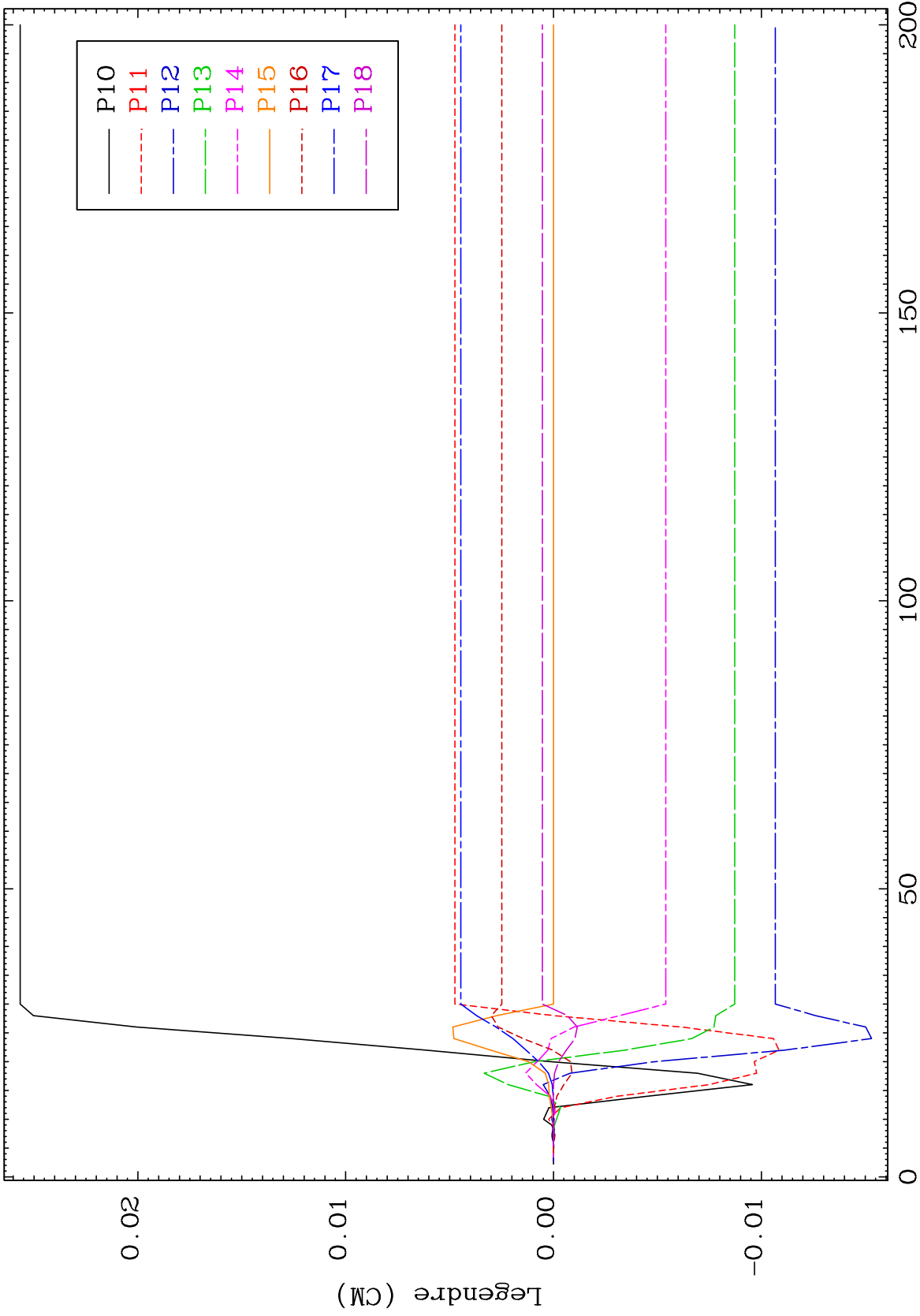
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



48

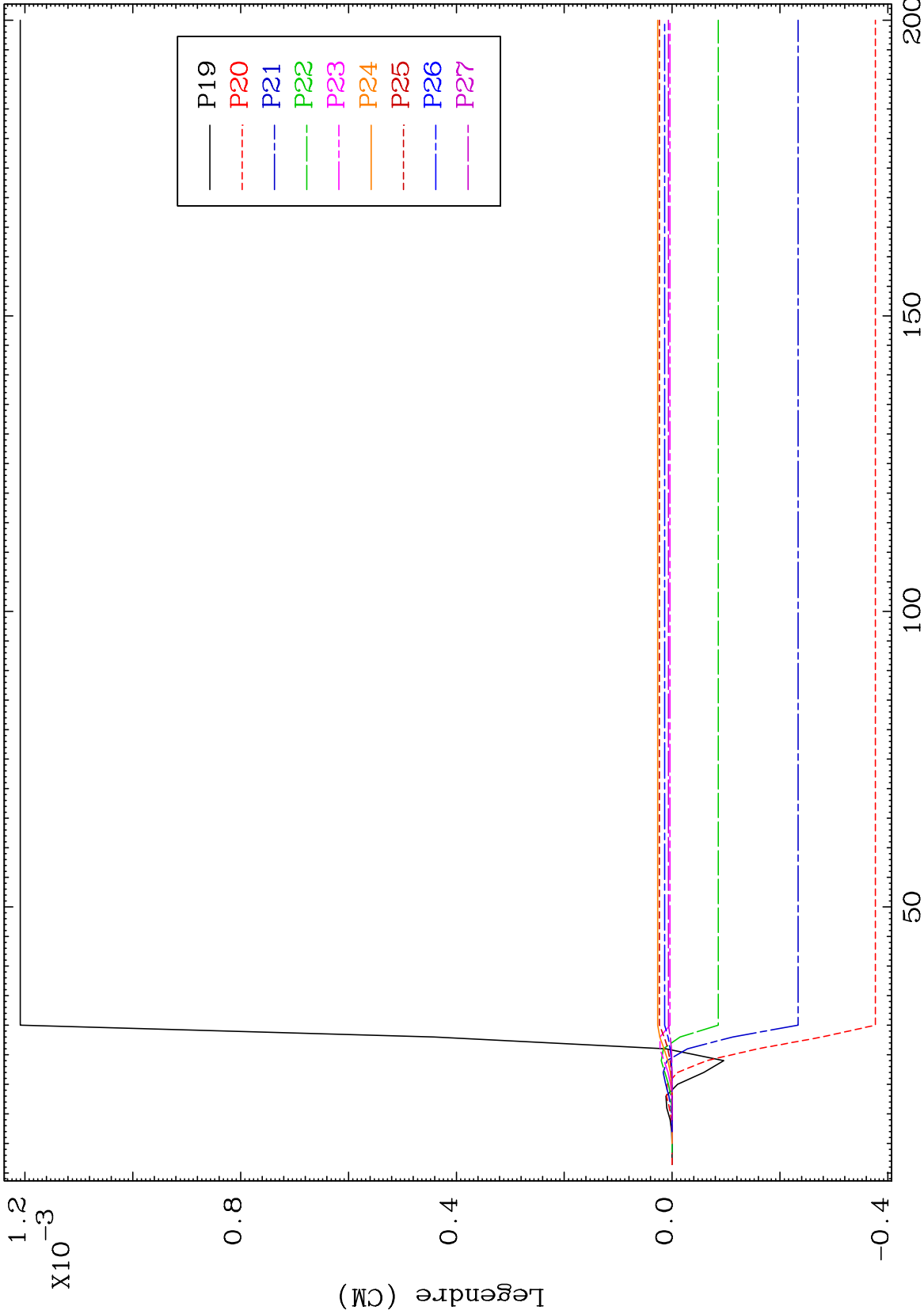
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



49

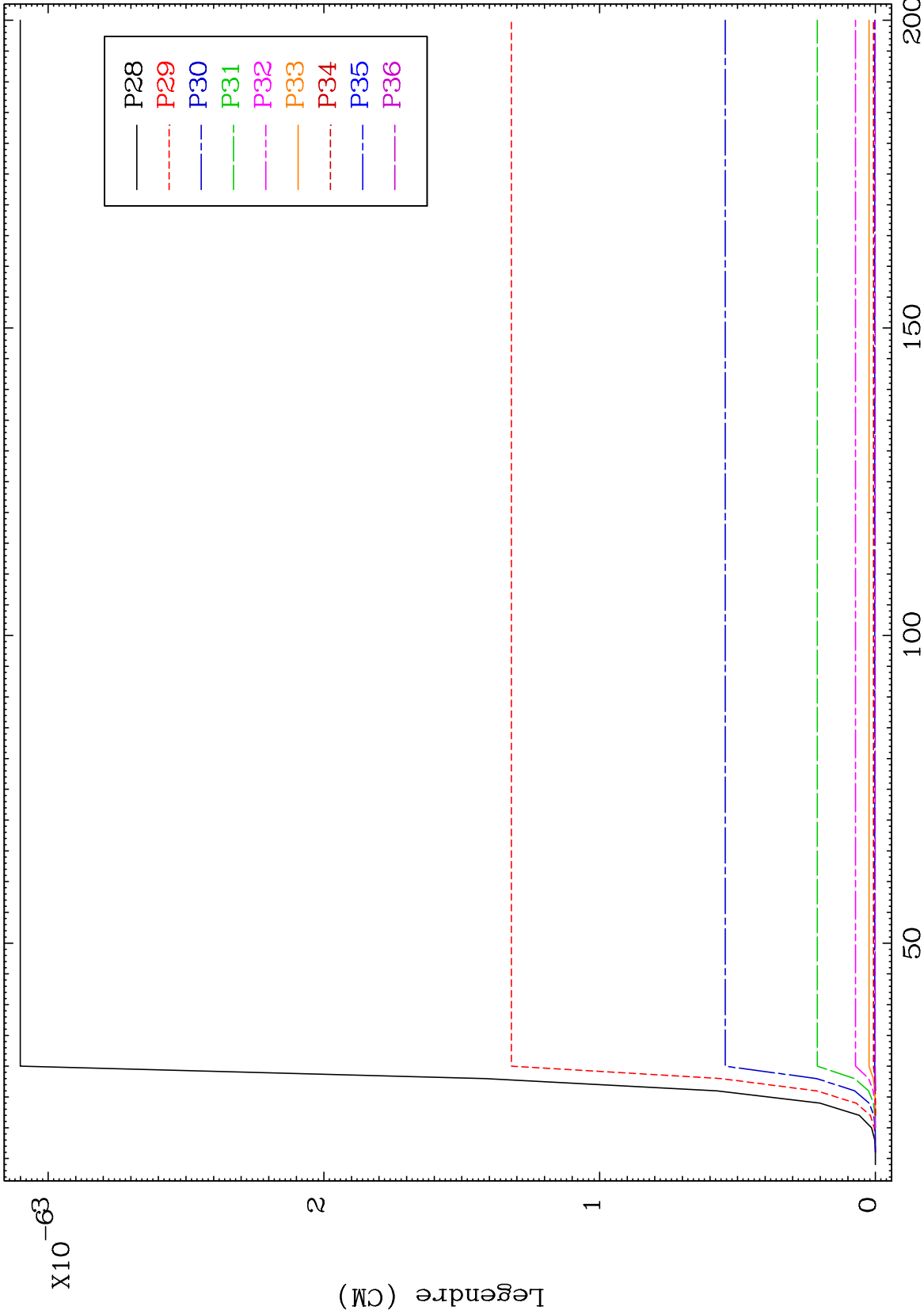
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



50

50

100

150

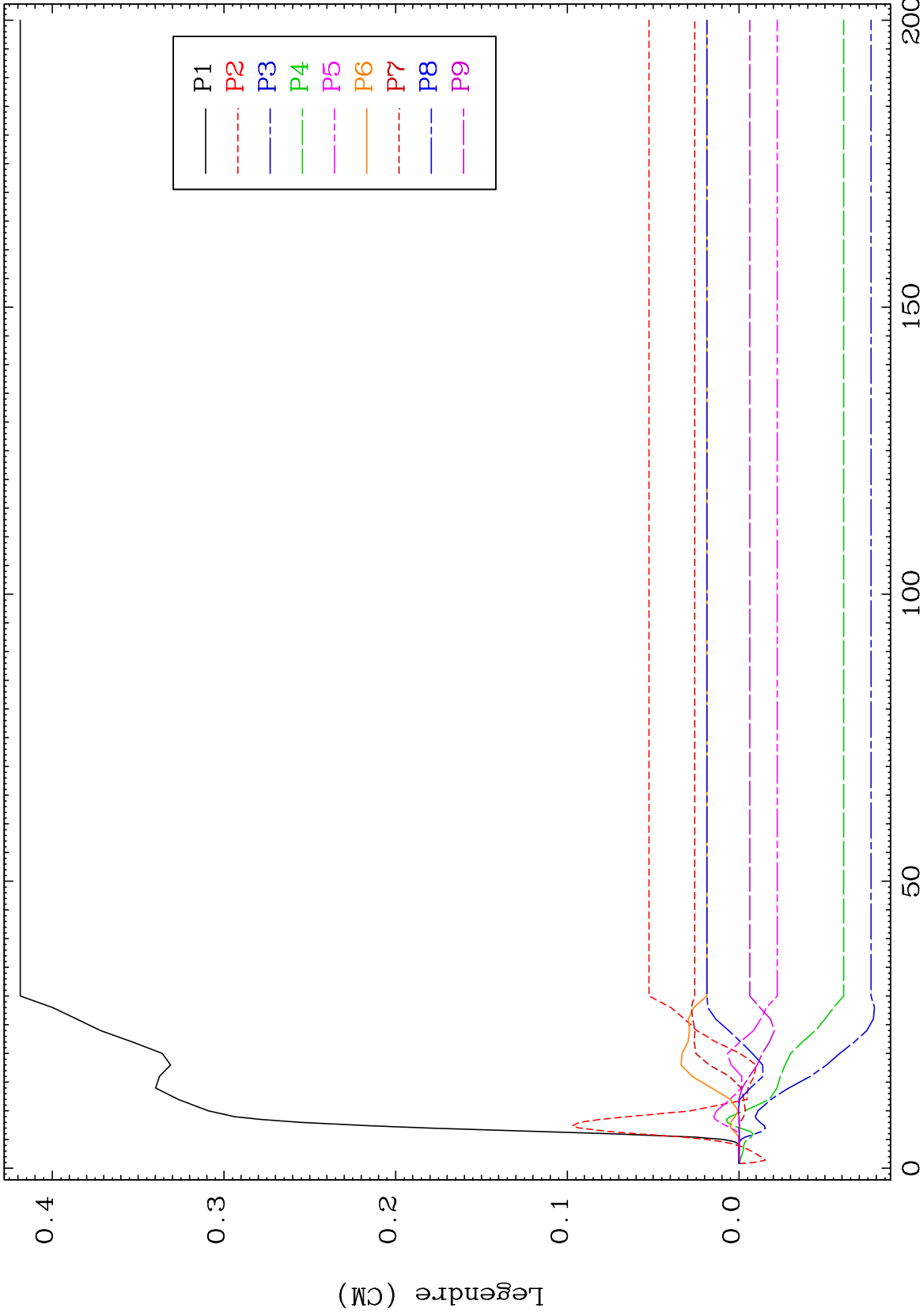
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73-Ta-183

MAT 7334

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

73-Ta-183



51

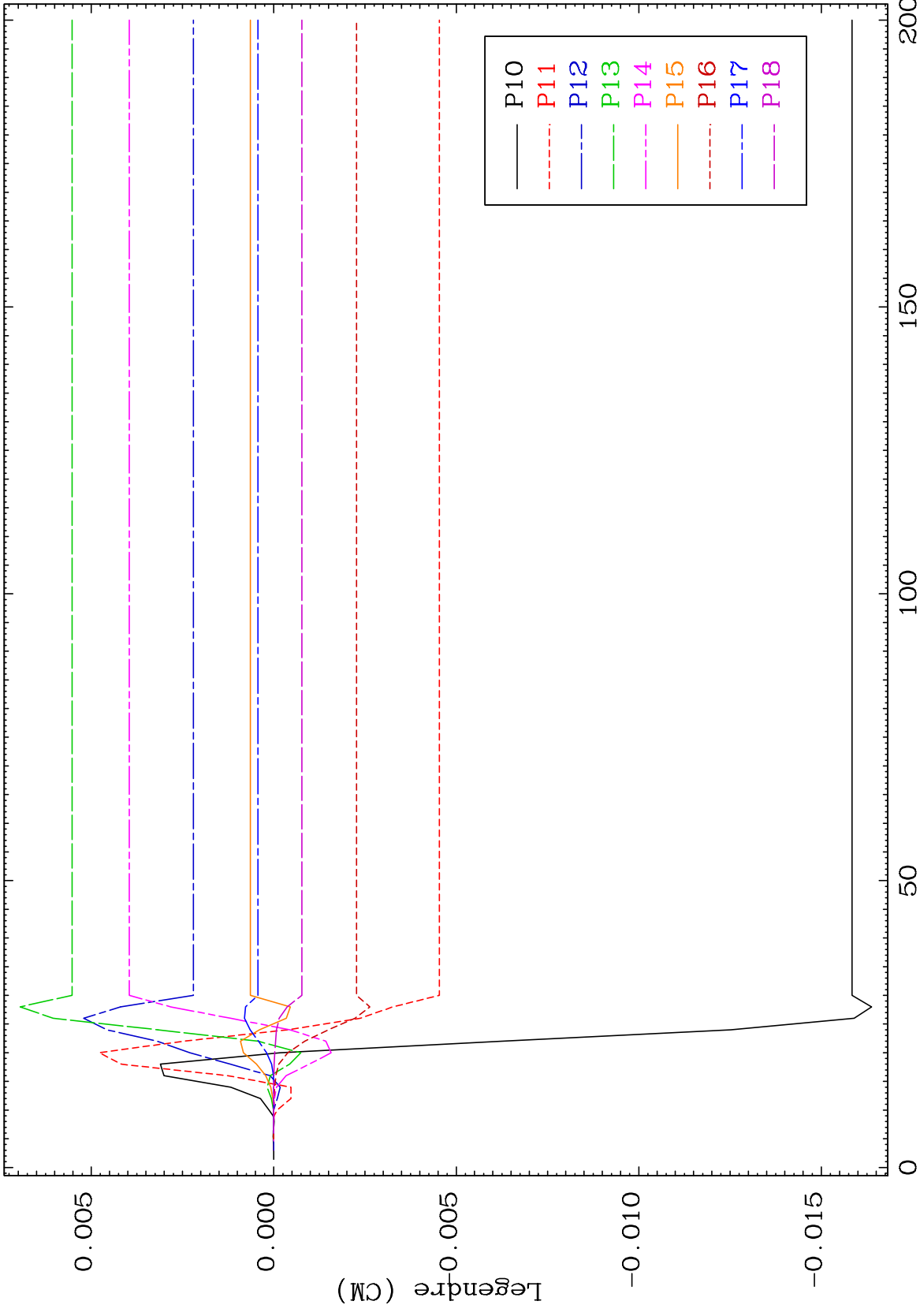
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



52

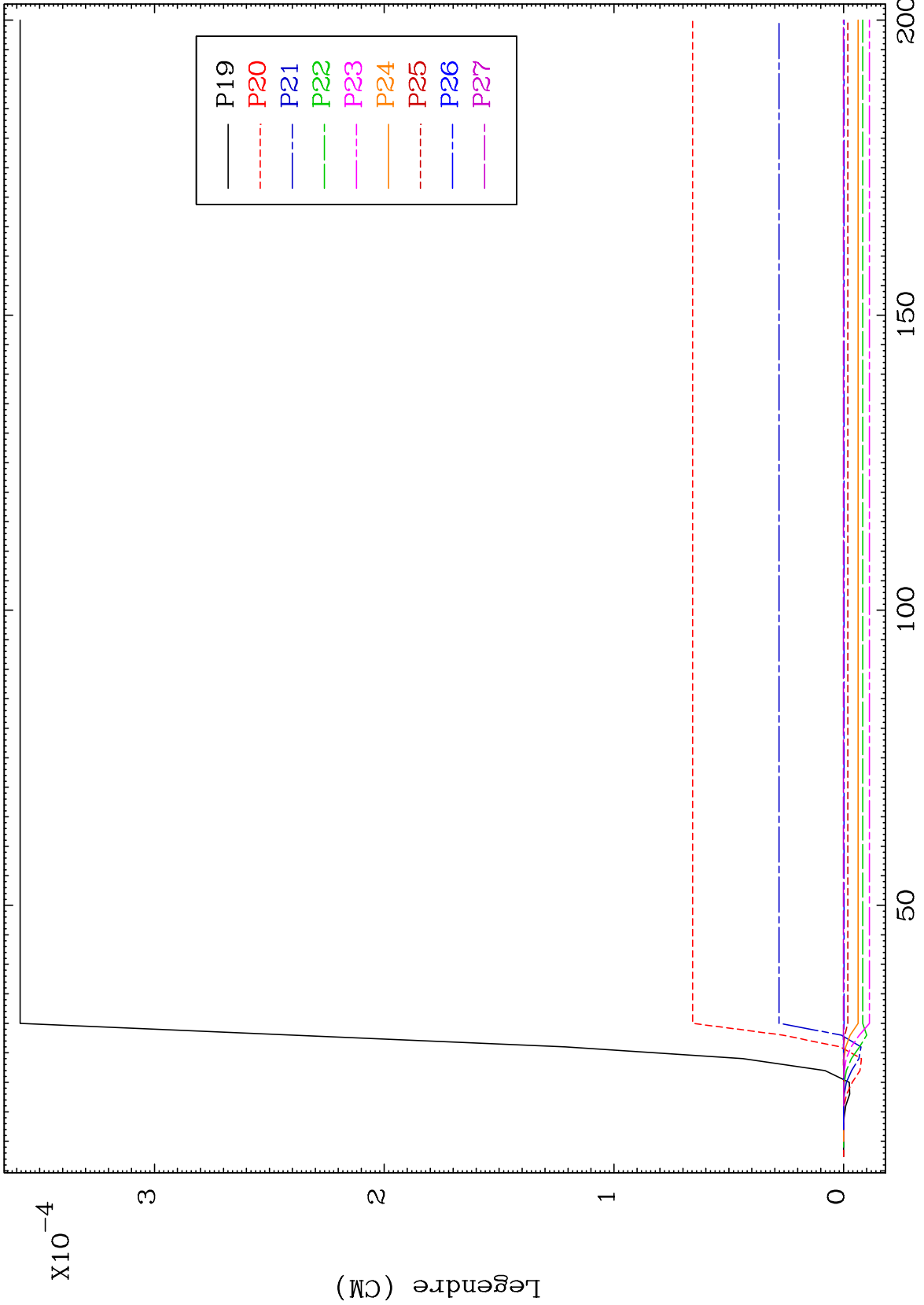
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



53

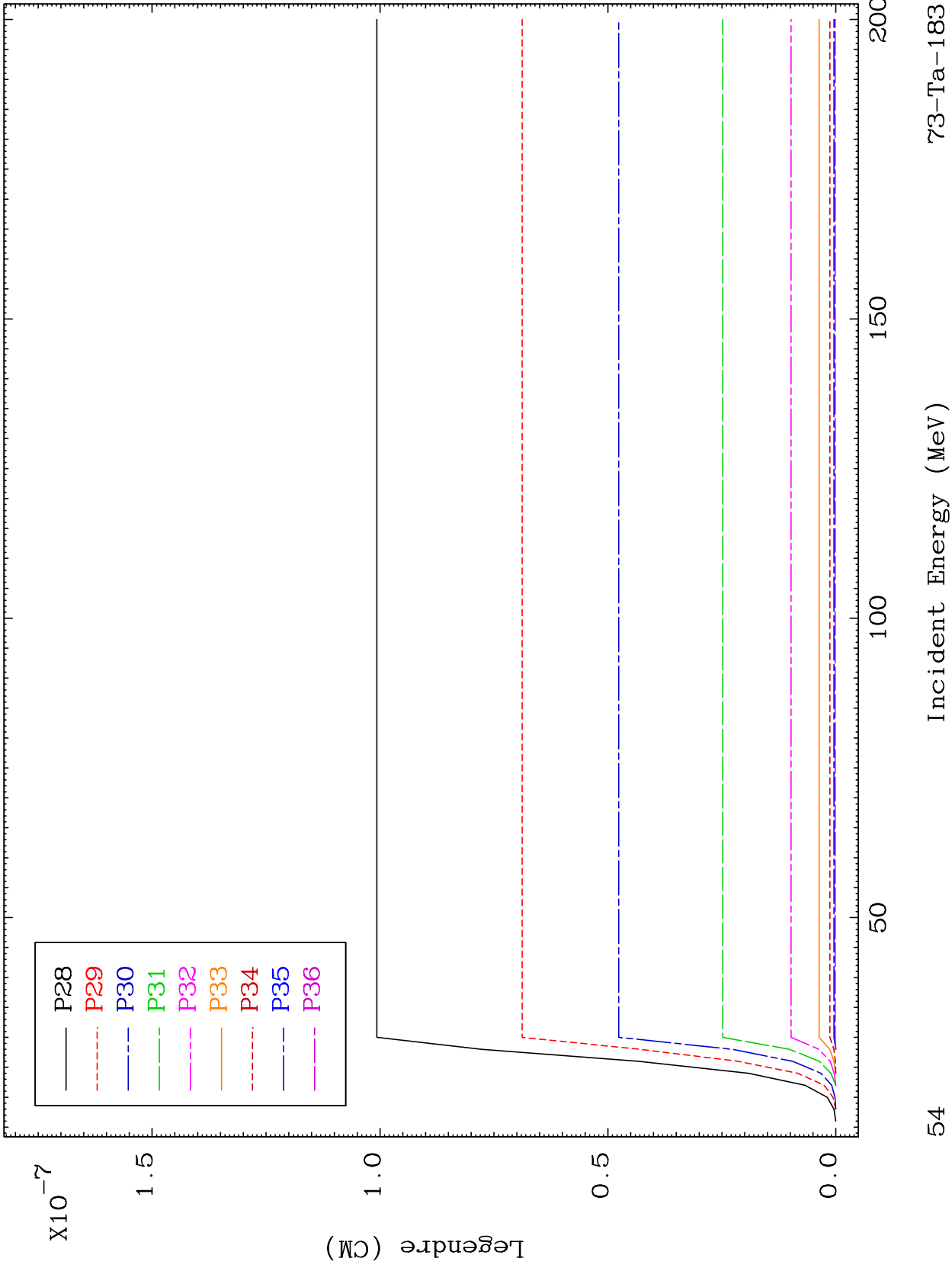
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

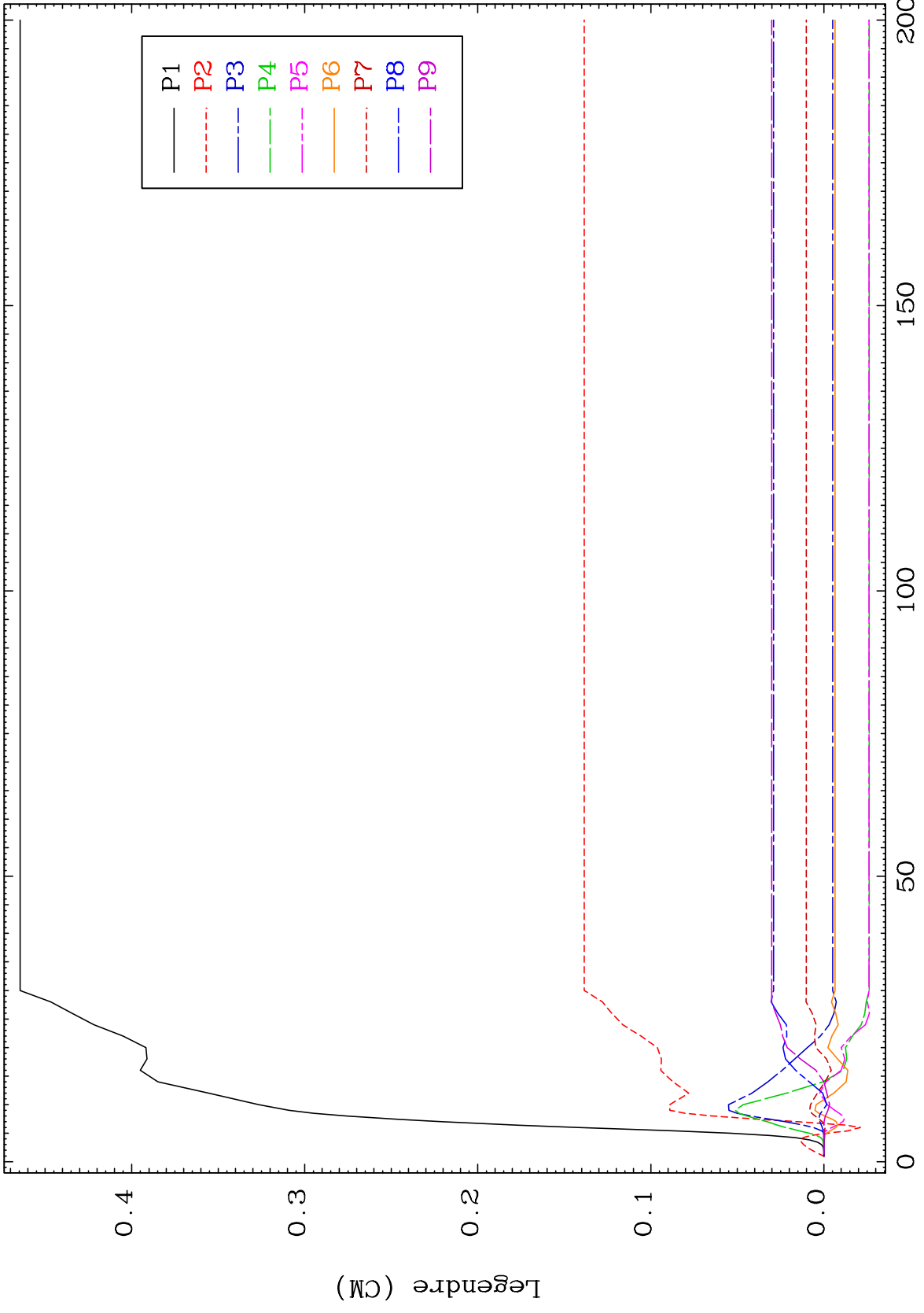
73-Ta-183



MAT 7334

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

73-Ta-183



55

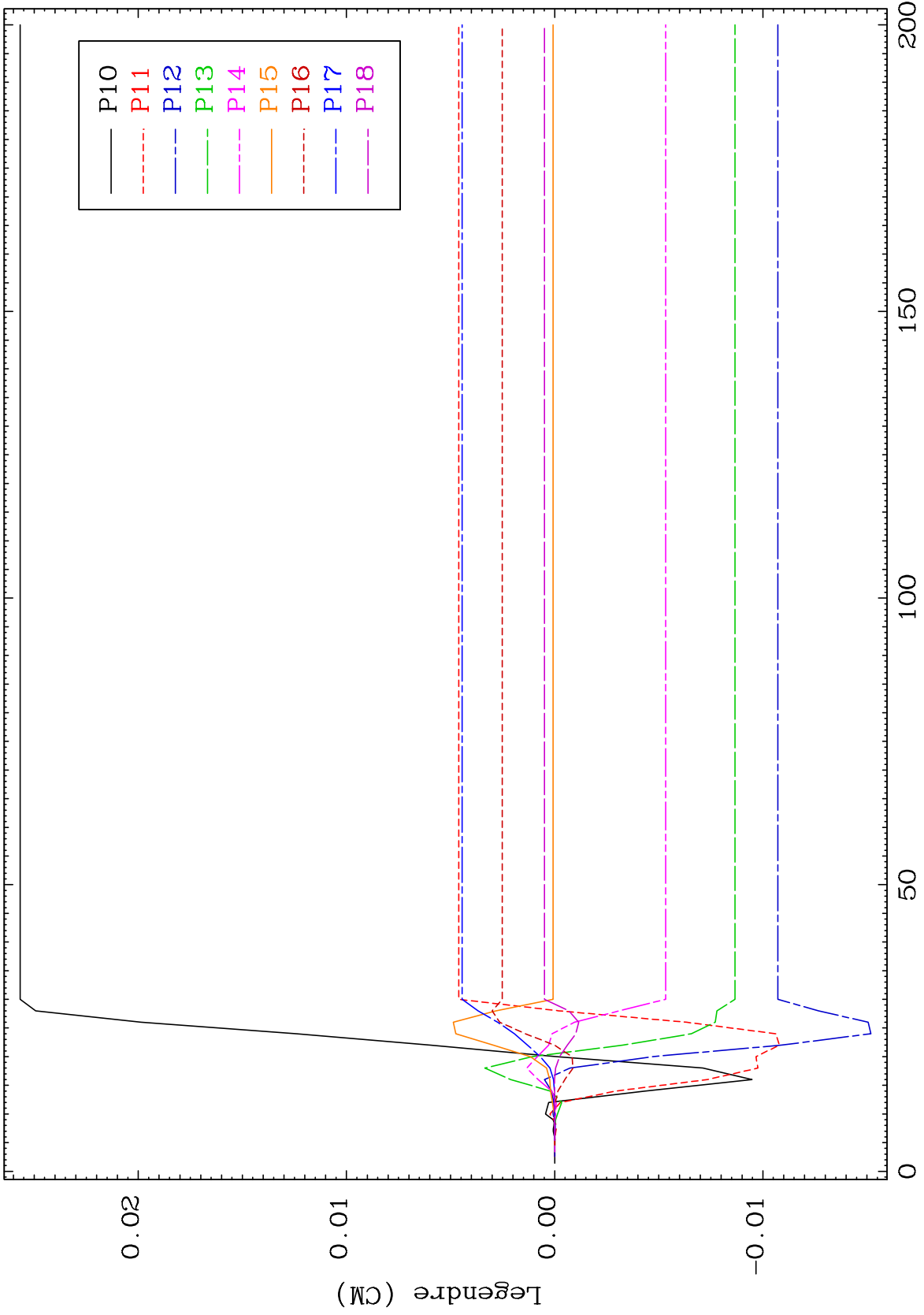
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



56

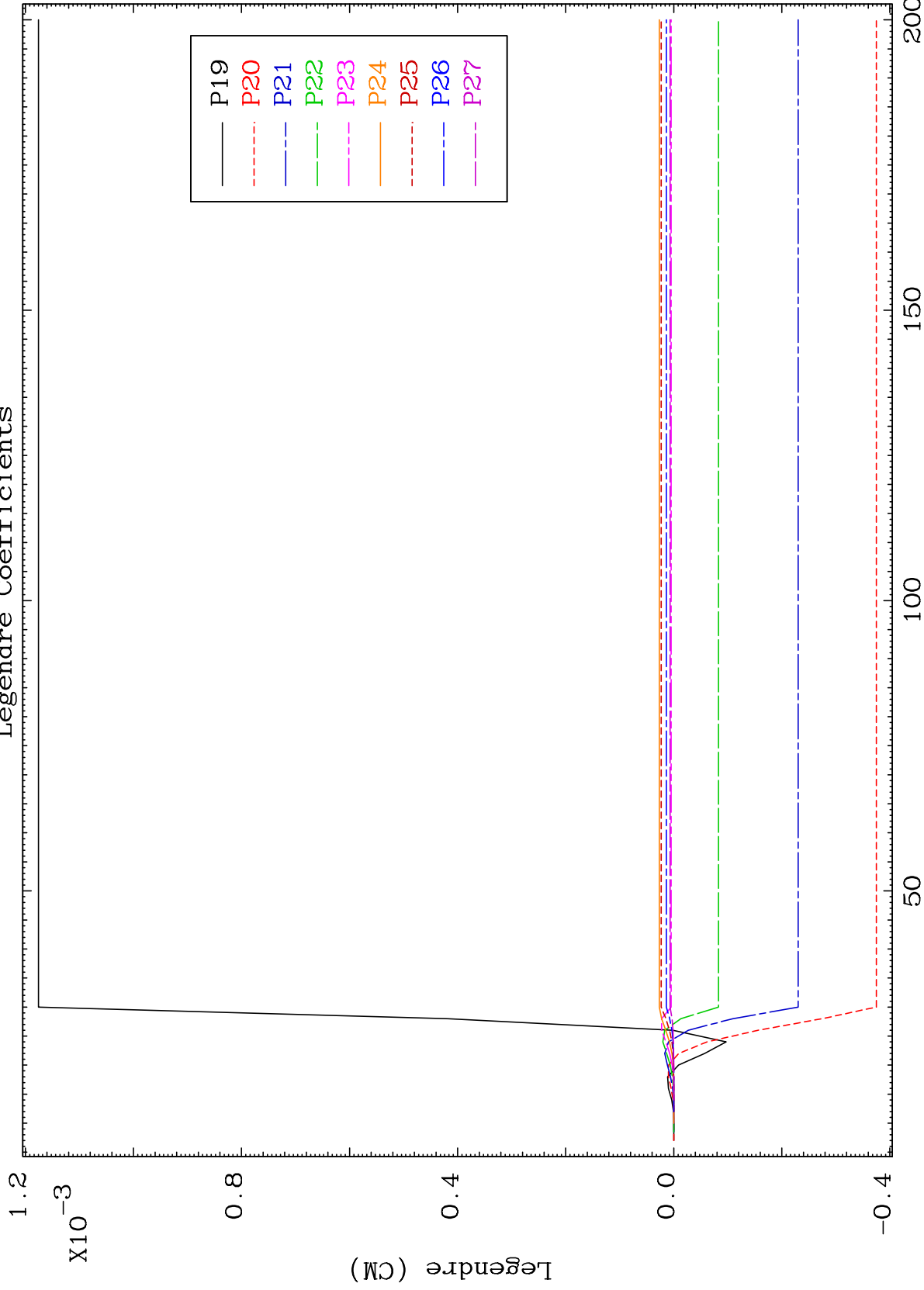
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



57

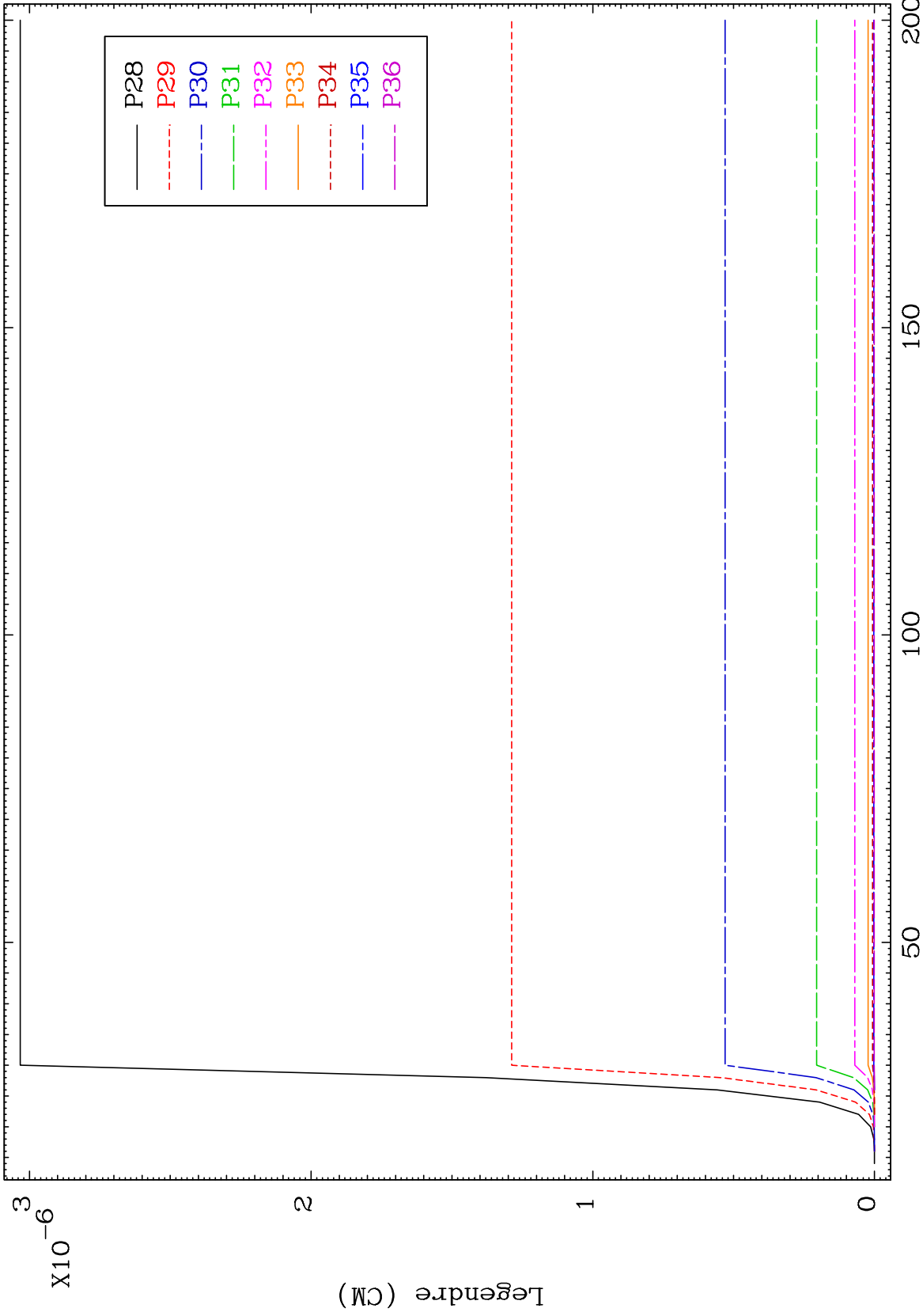
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



58

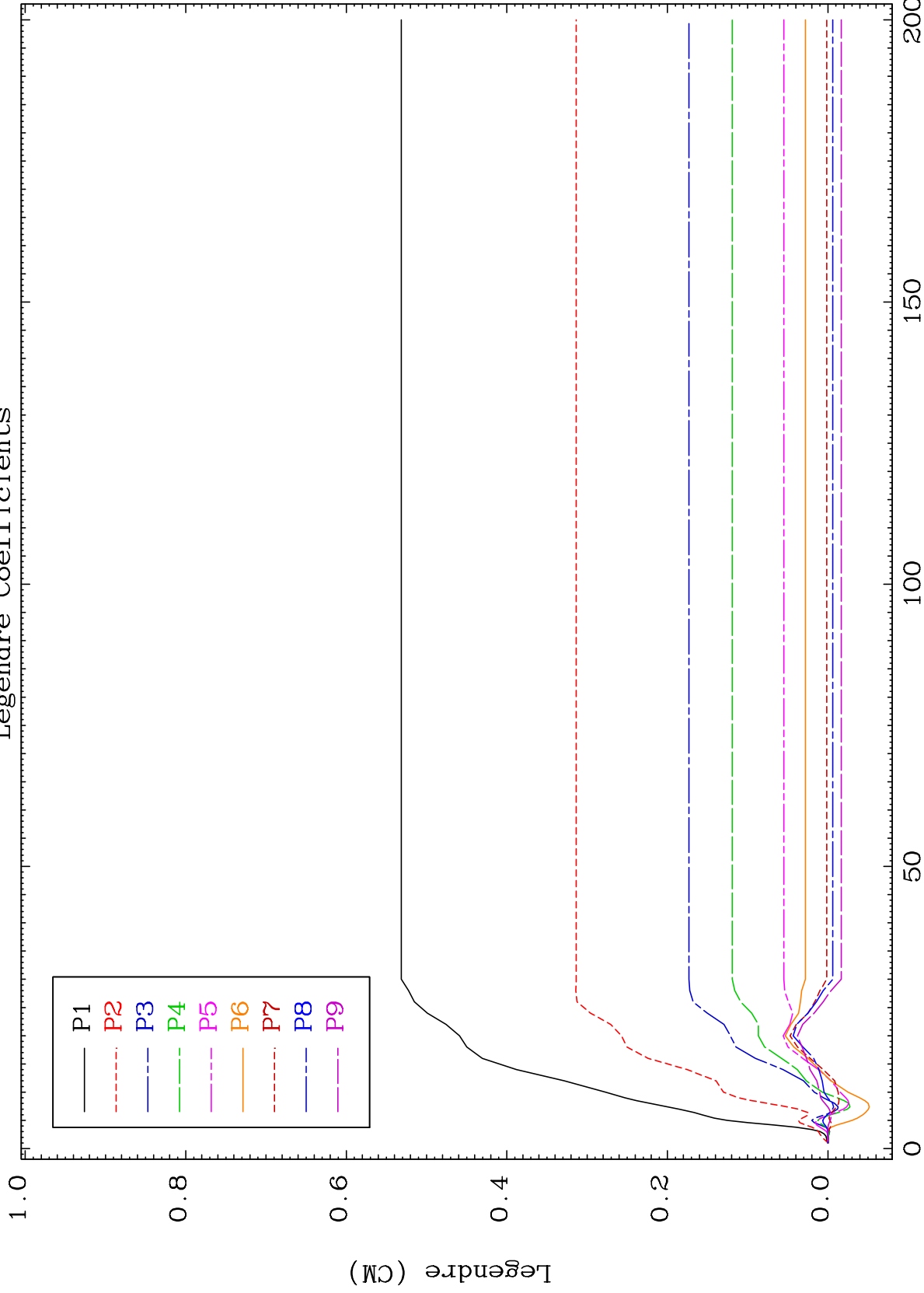
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



59

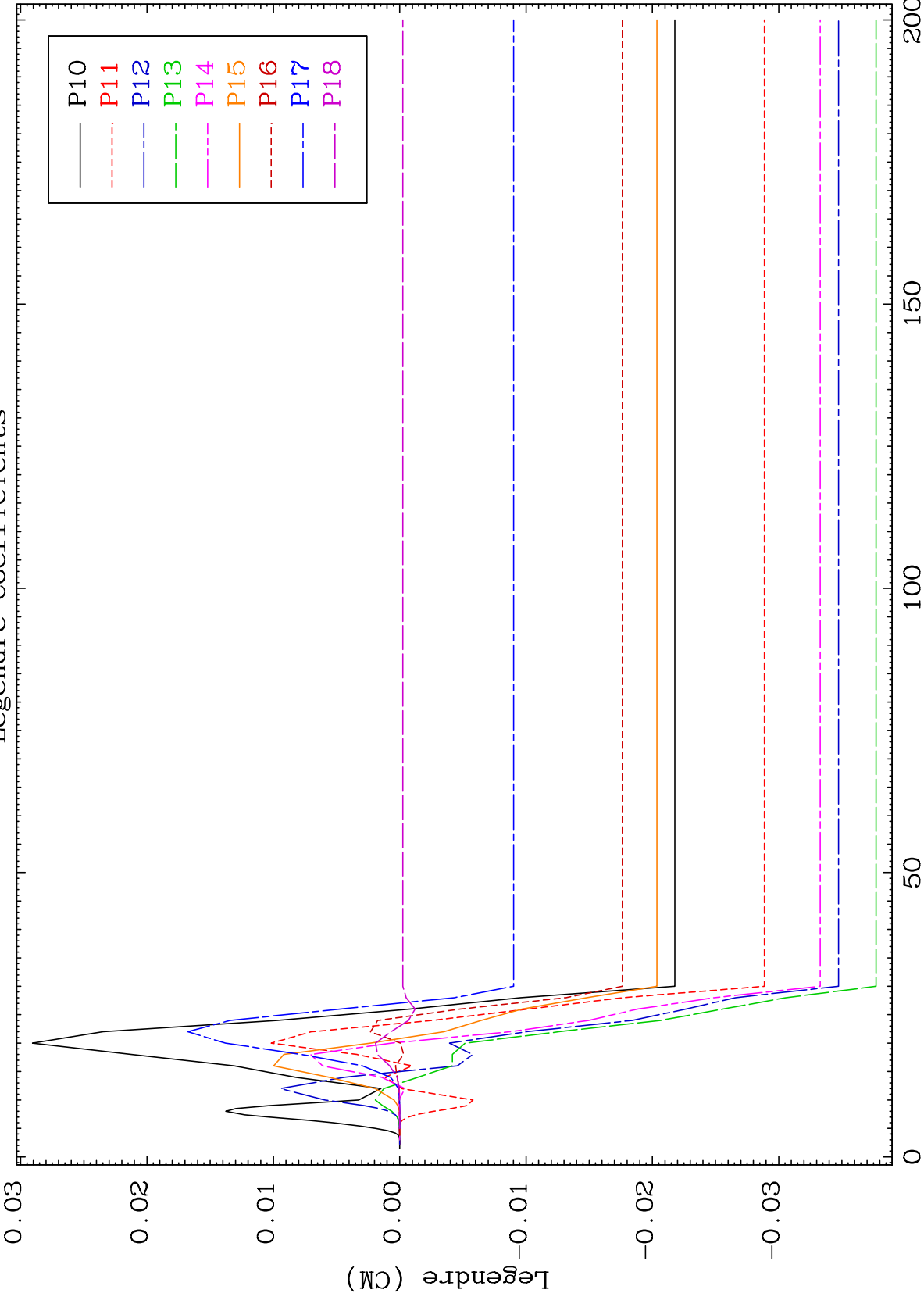
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



73-Ta-183

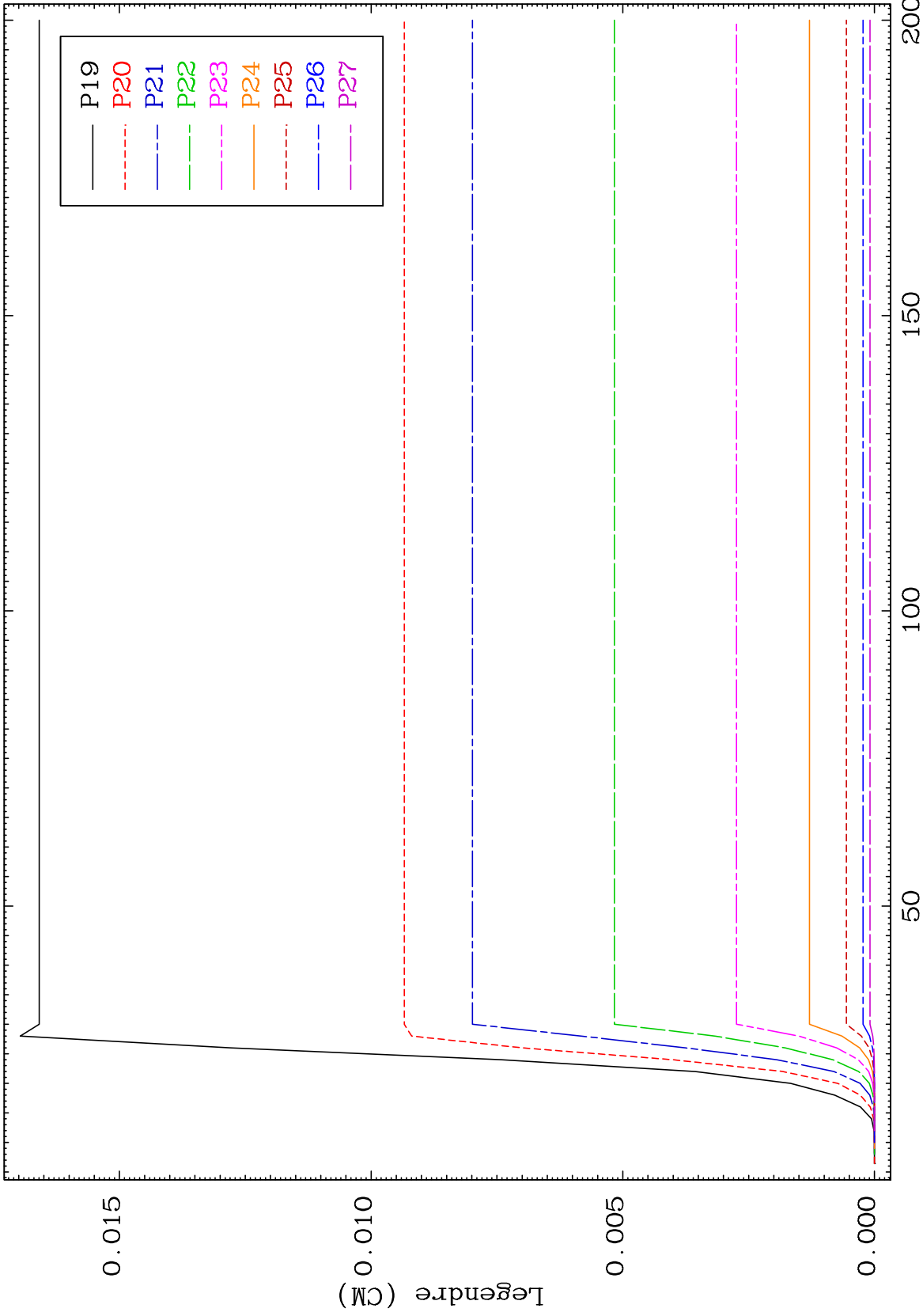
Incident Energy (MeV)

60

MAT 7334

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

73-Ta-183



61

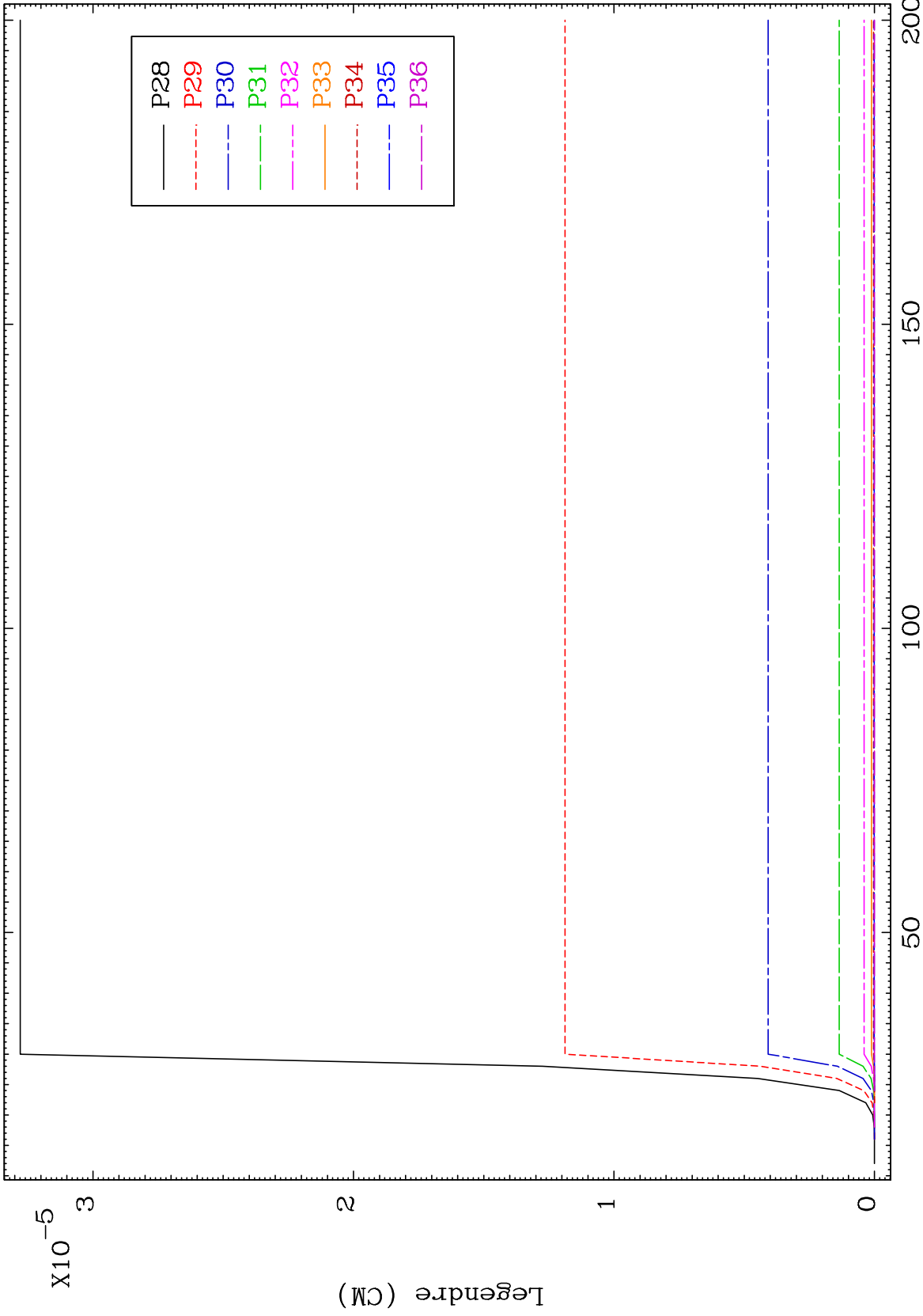
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



62

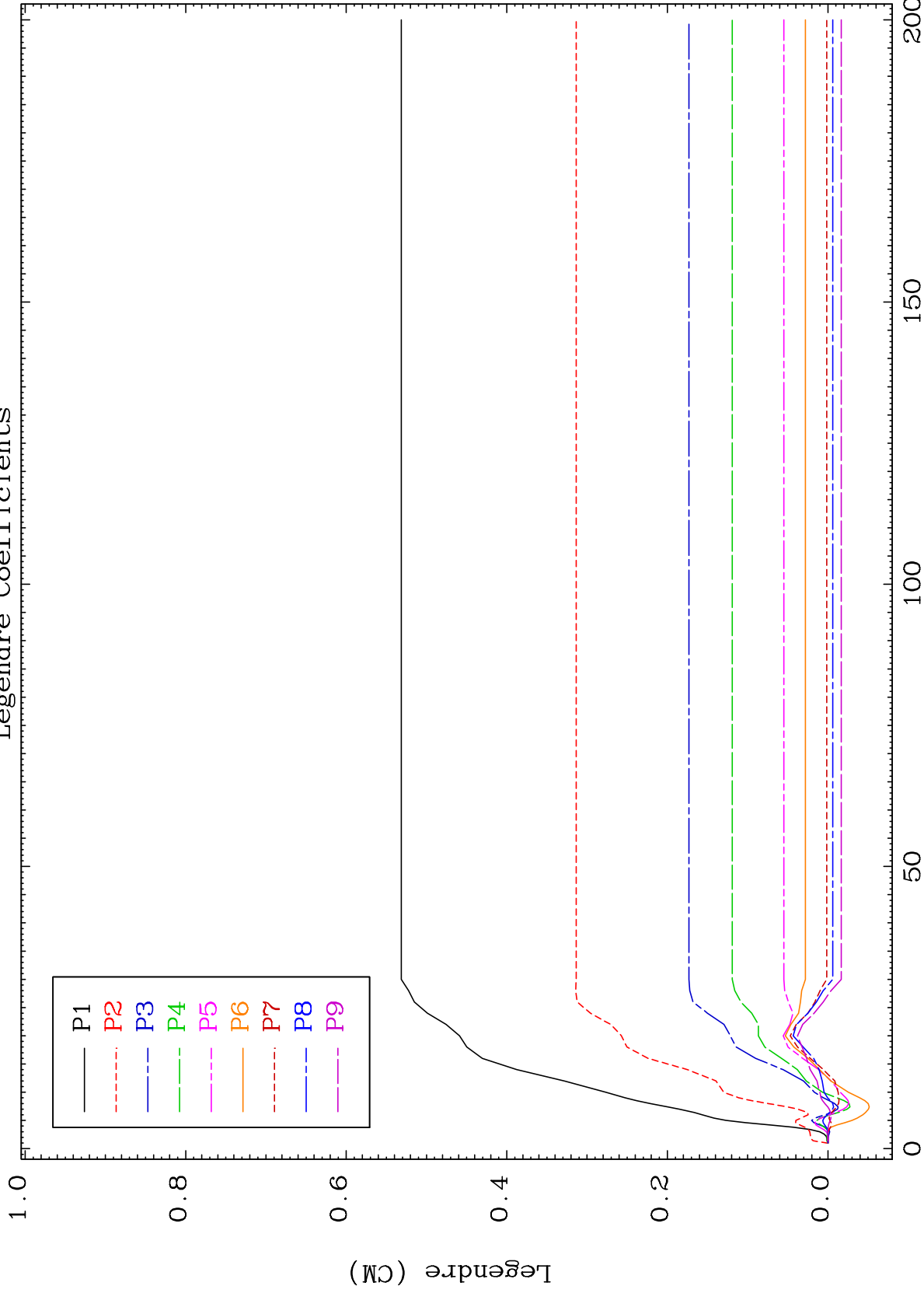
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

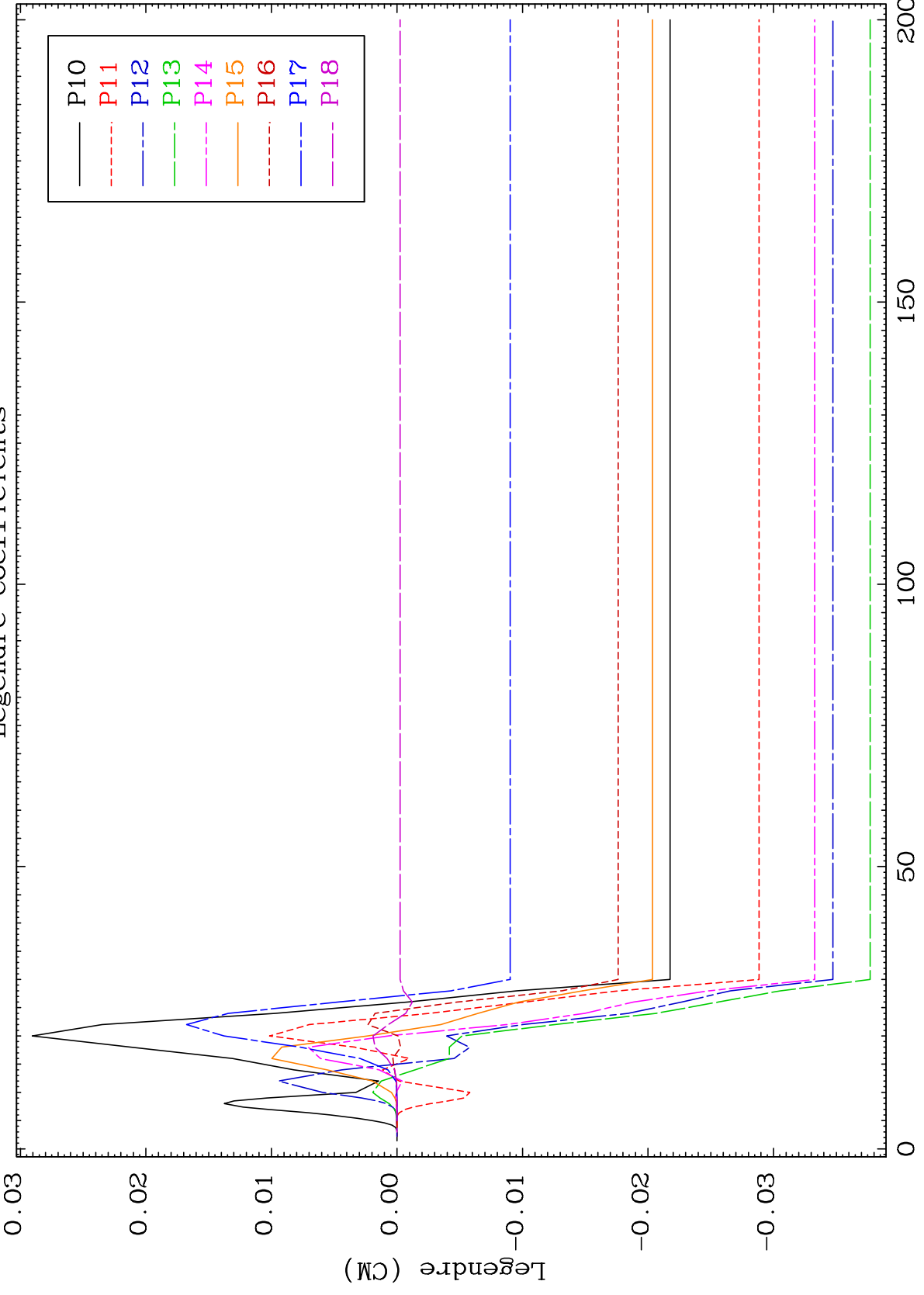
73-Ta-183



63

Incident Energy (MeV)

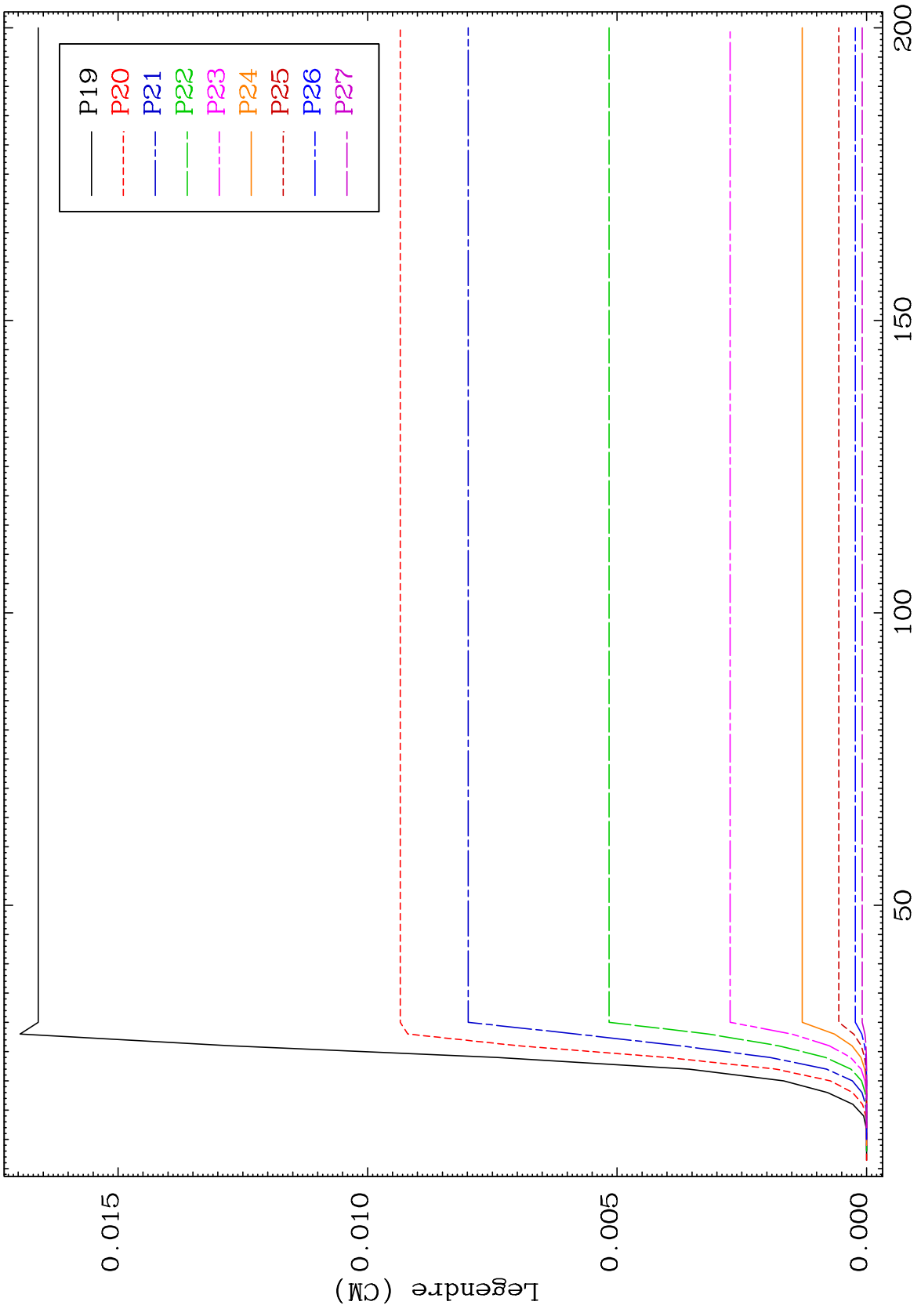
73-Ta-183



MAT 7334

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

73-Ta-183



65

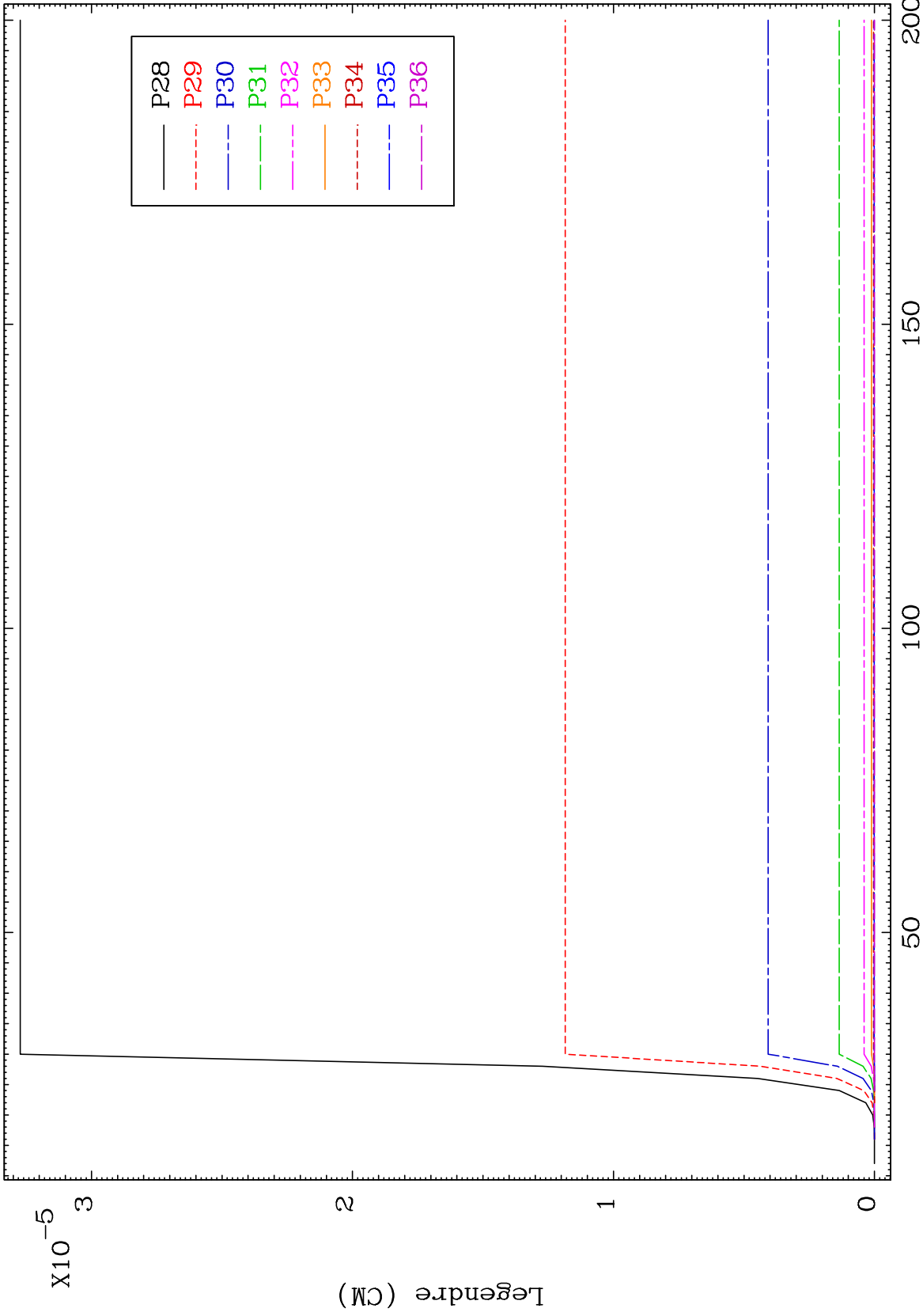
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



66

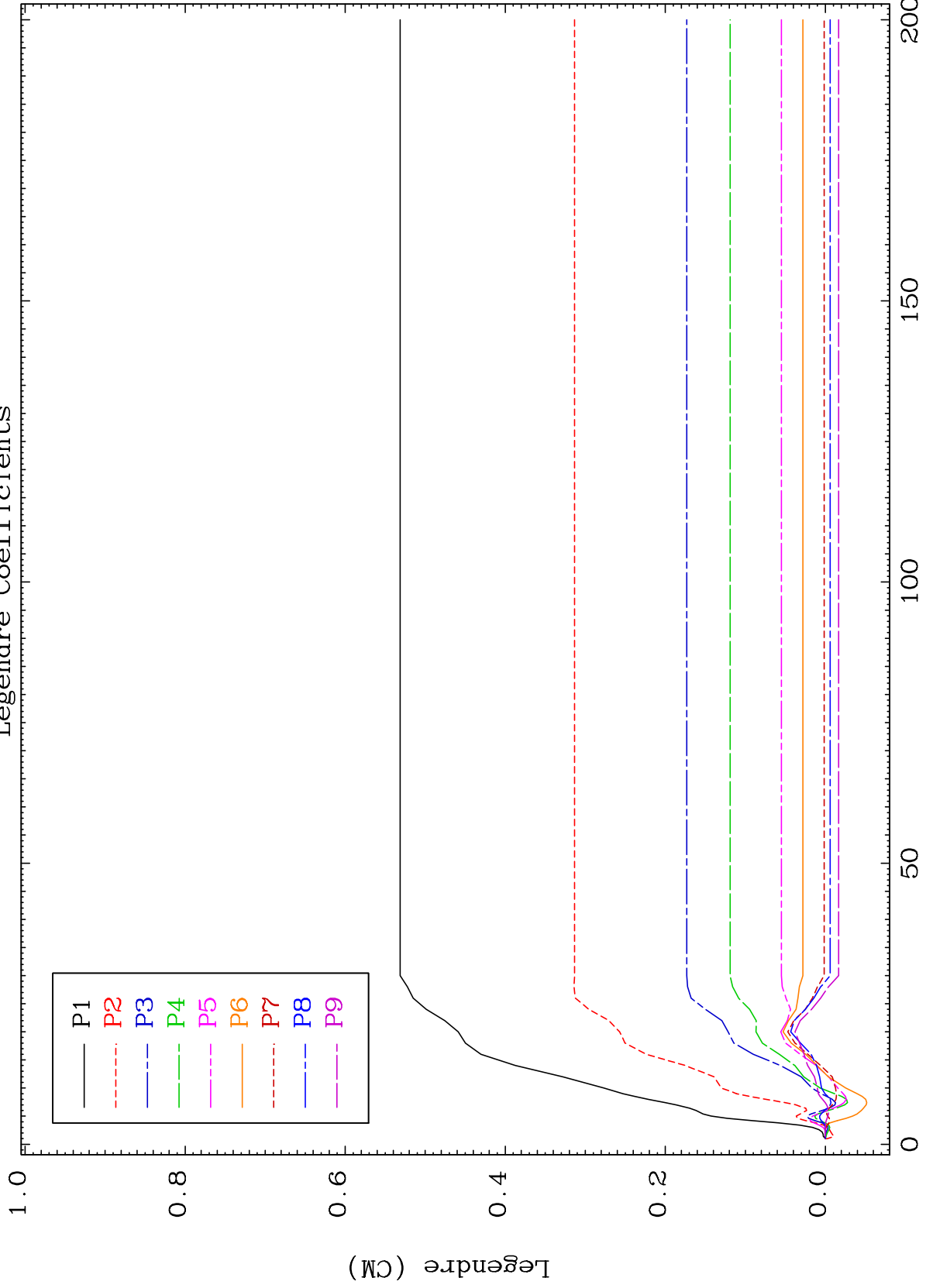
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

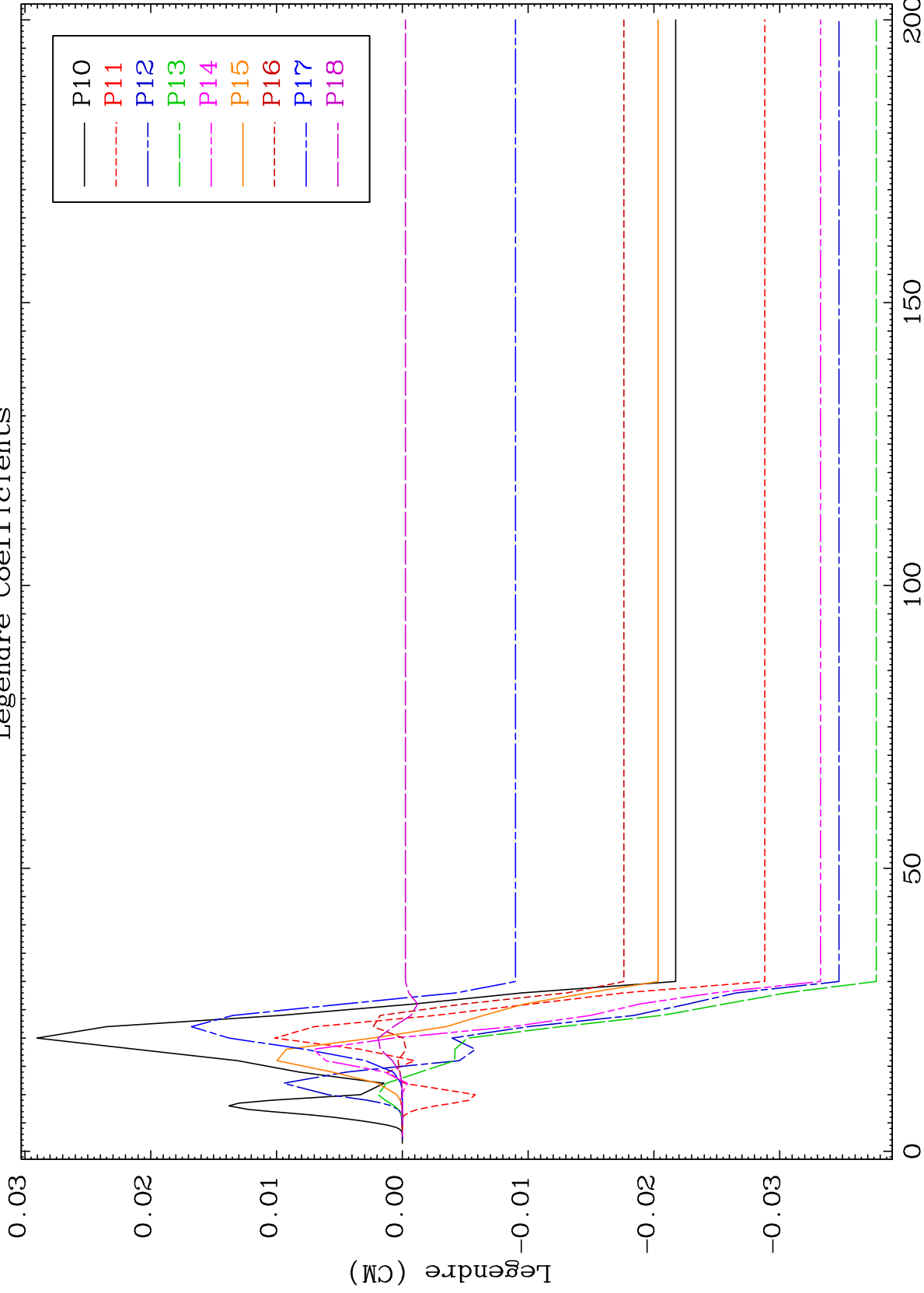
73-Ta-183



MAT 7334

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

73-Ta-183



68

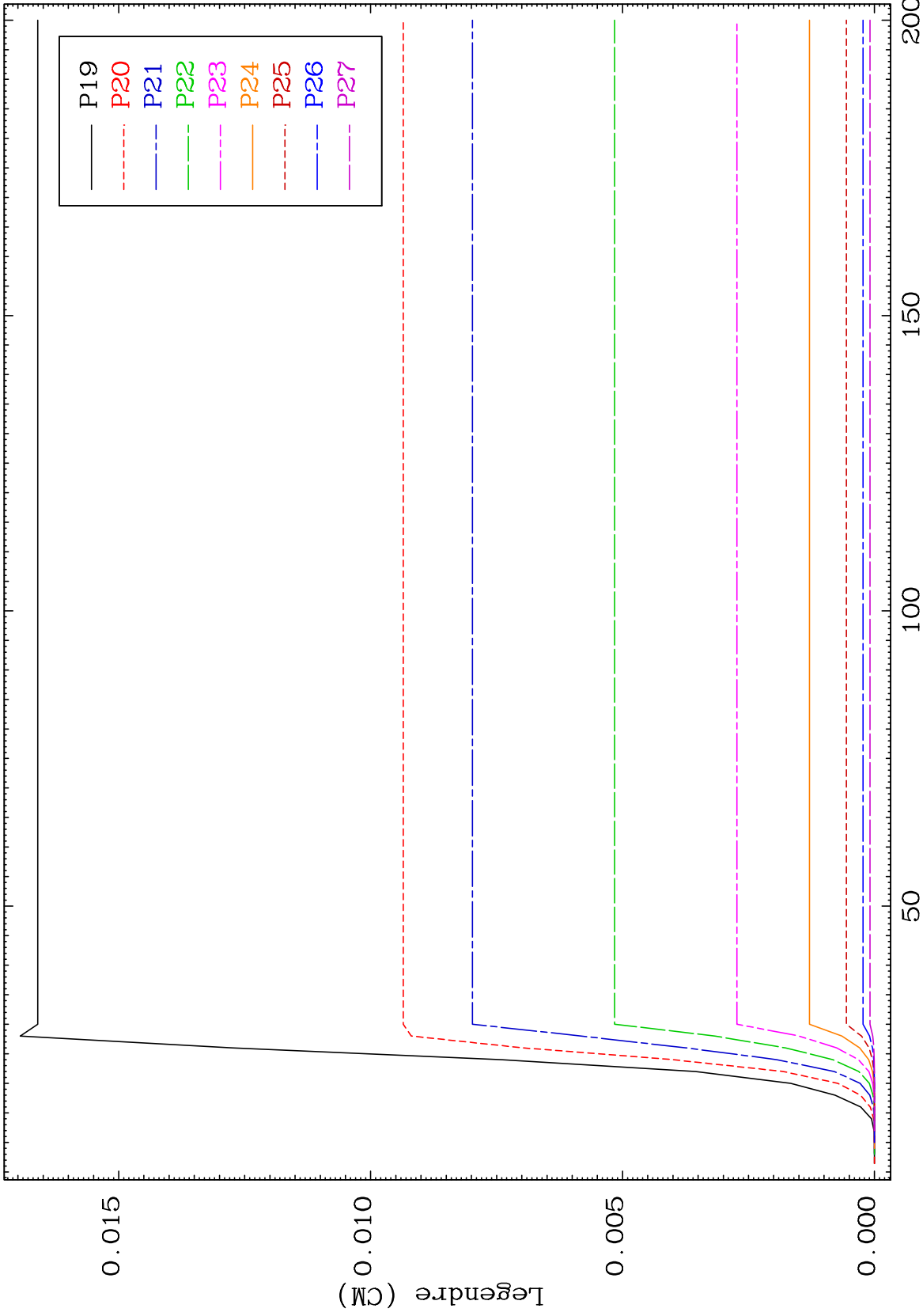
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



69

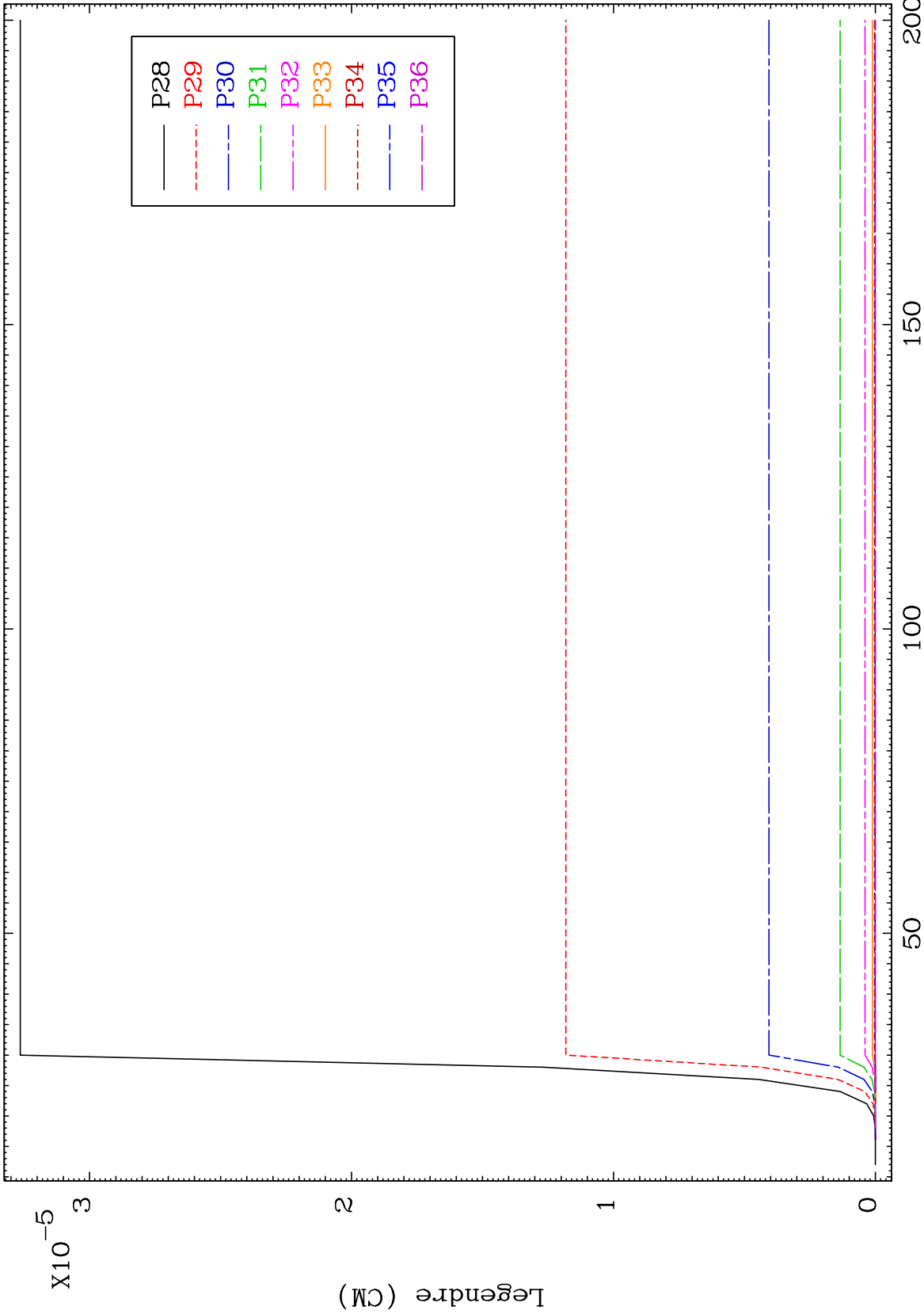
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

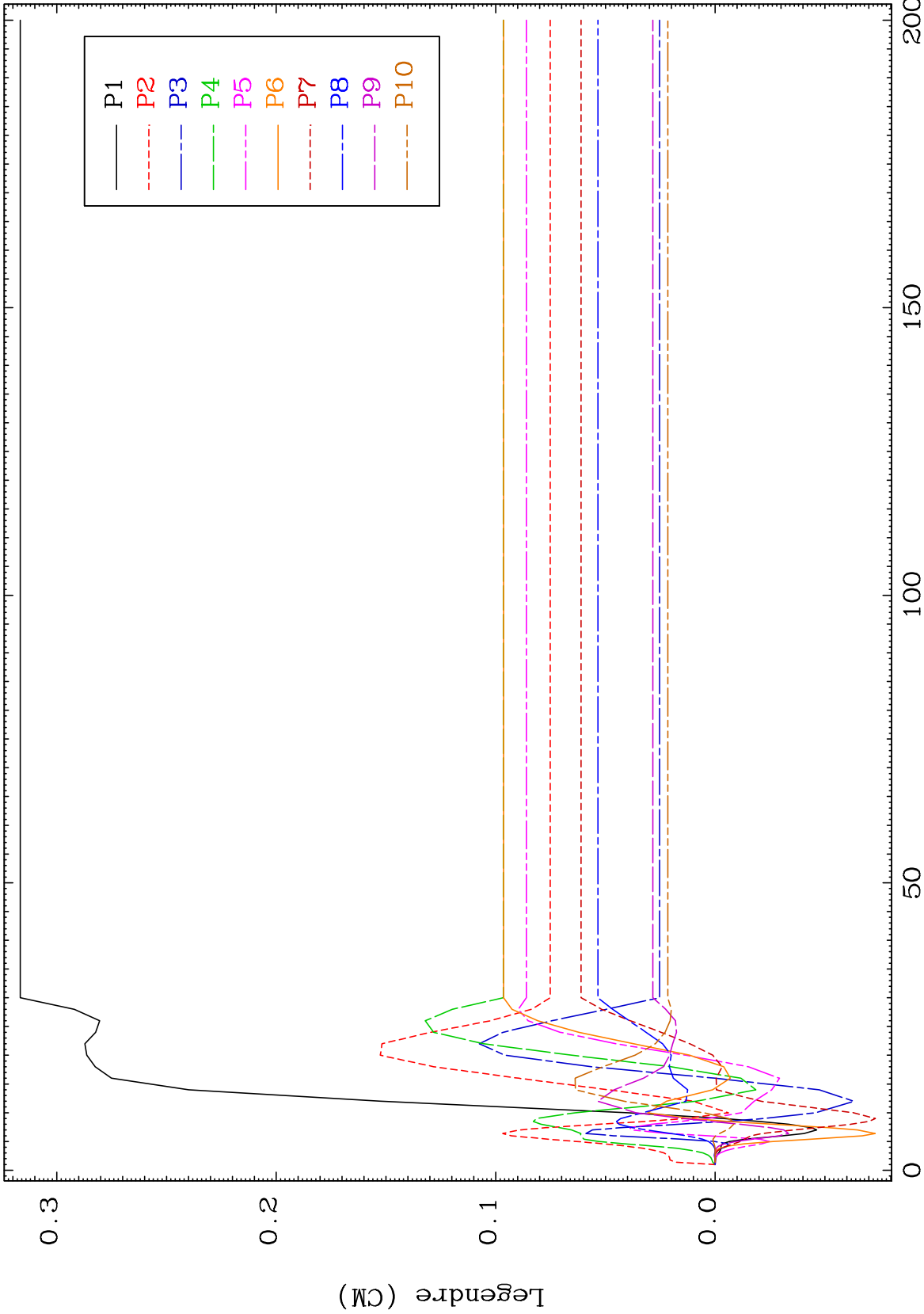
73-Ta-183



MAT 7334

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

73-Ta-183



71

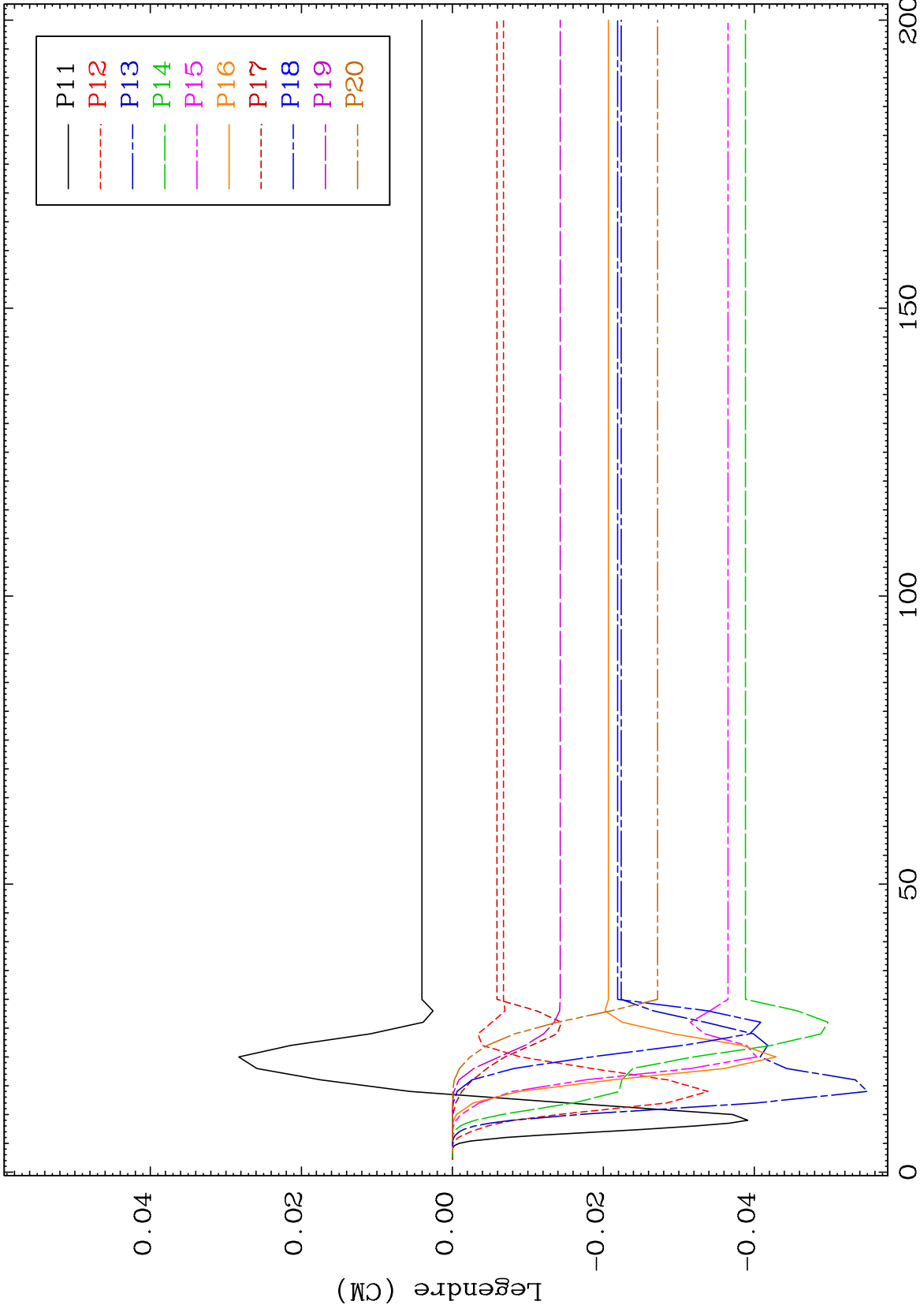
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183

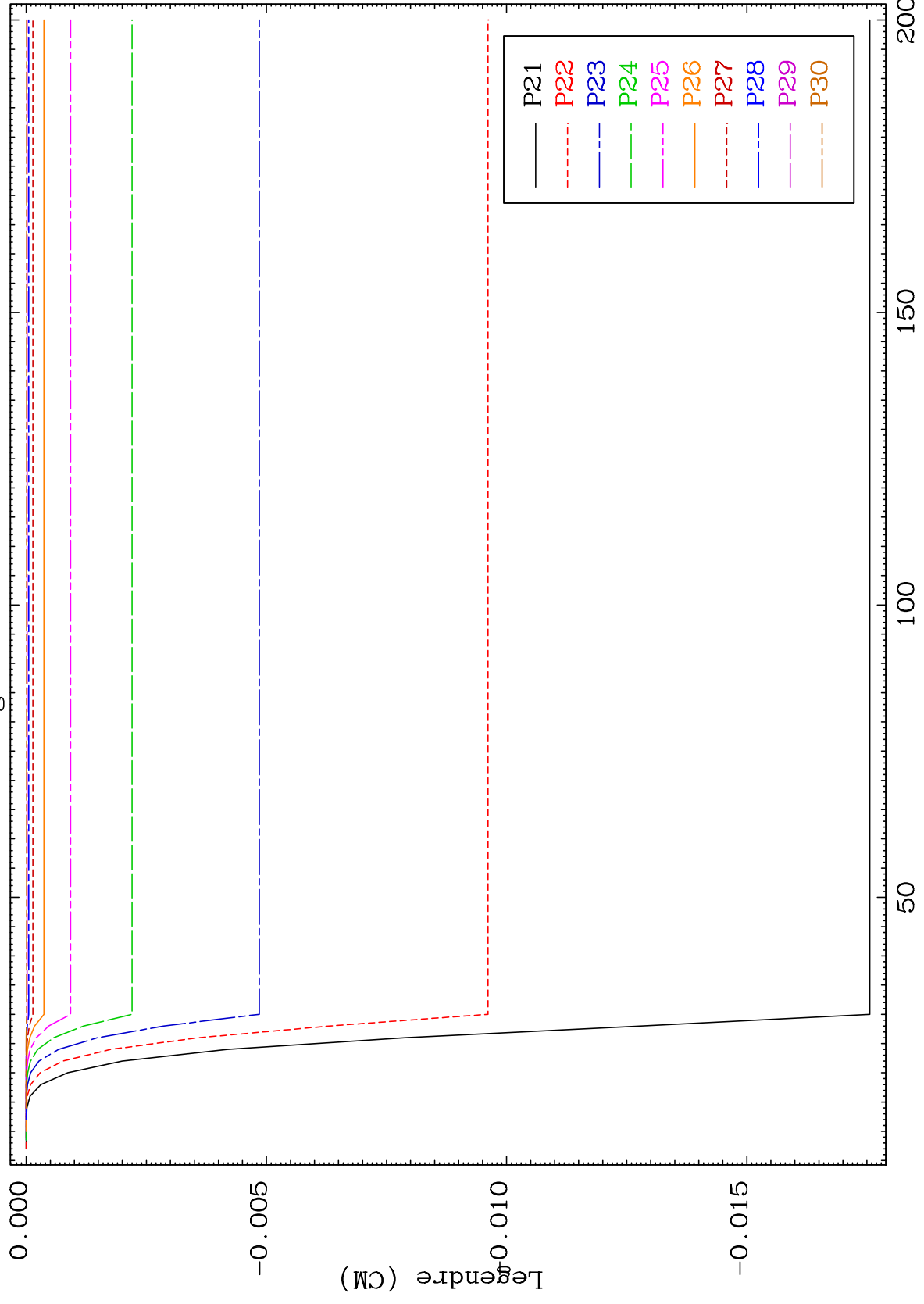


72

Incident Energy (MeV)

73-Ta-183

MAT 7334 MT= 64 (n,n') Level Legendre Coefficients 73-Ta-183

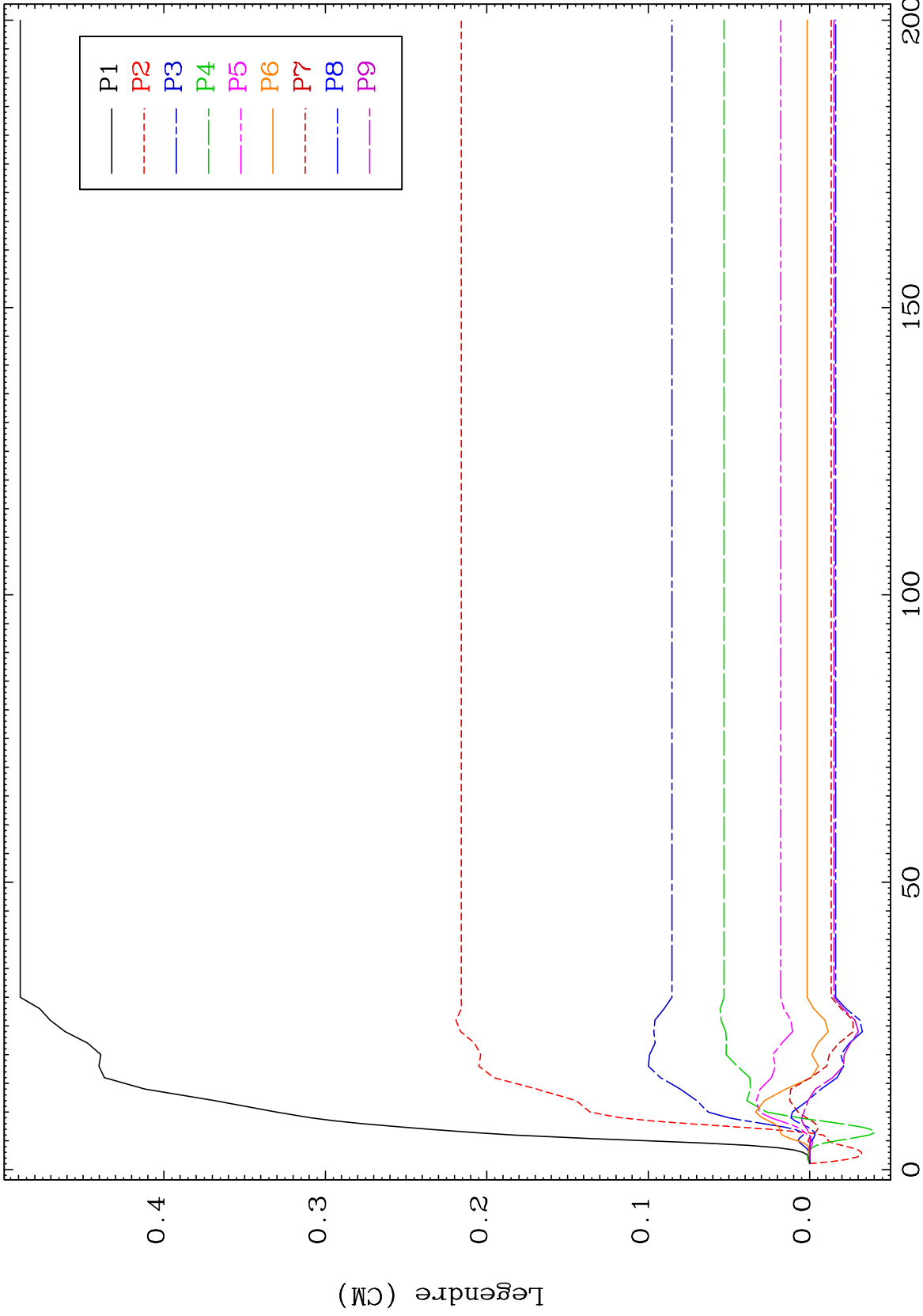


73 73-Ta-183

MAT 7334

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

73-Ta-183



75

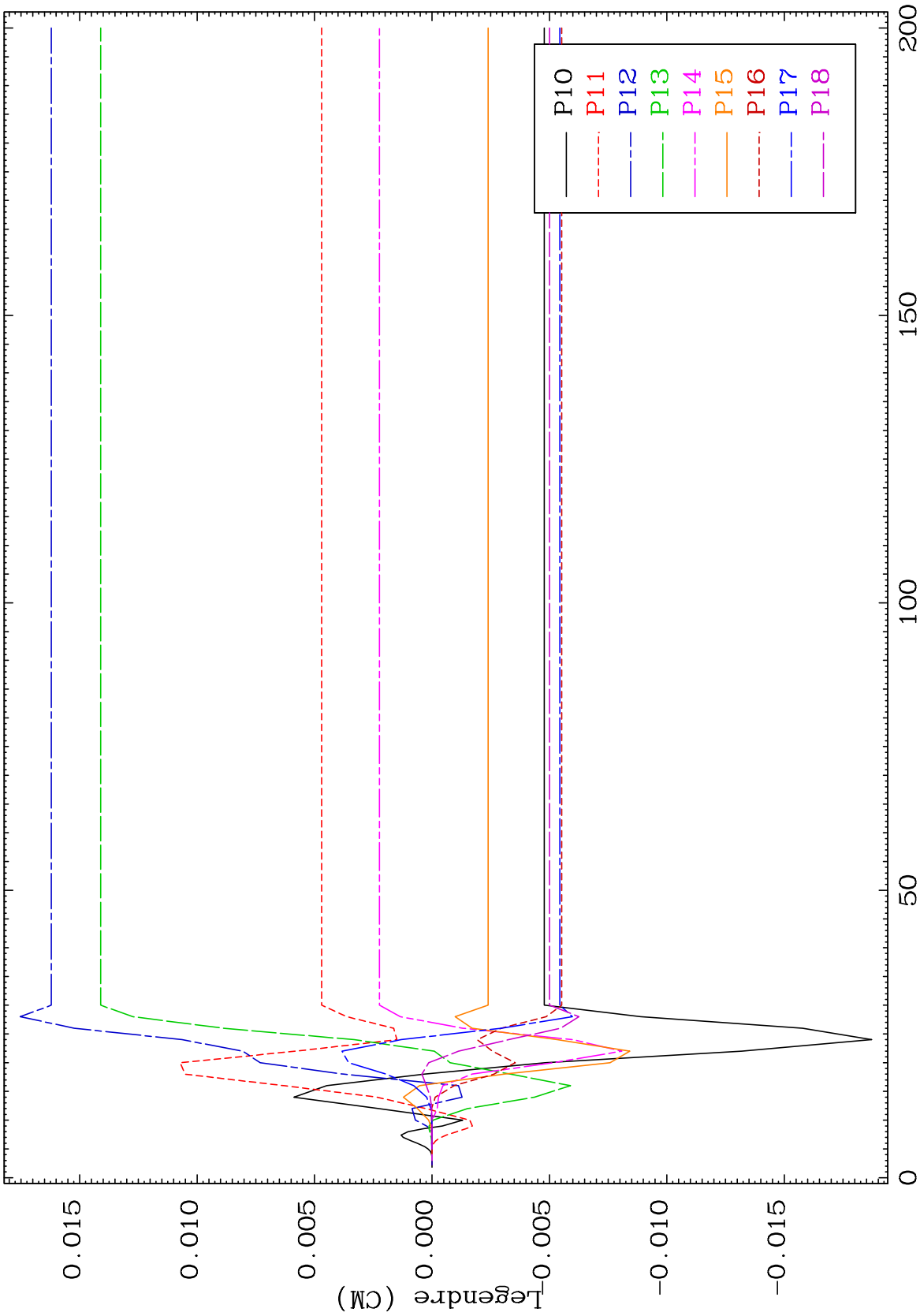
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



76

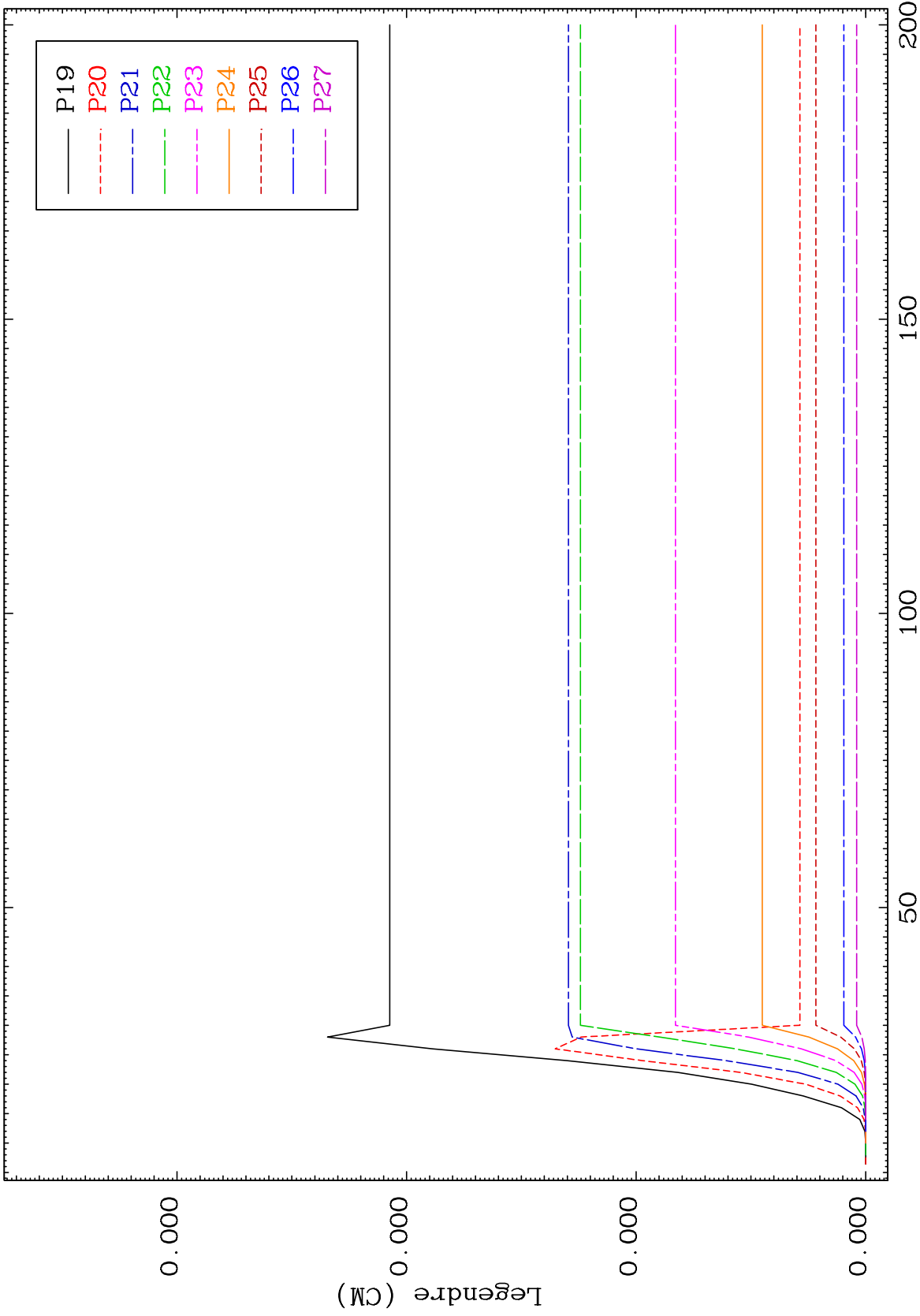
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



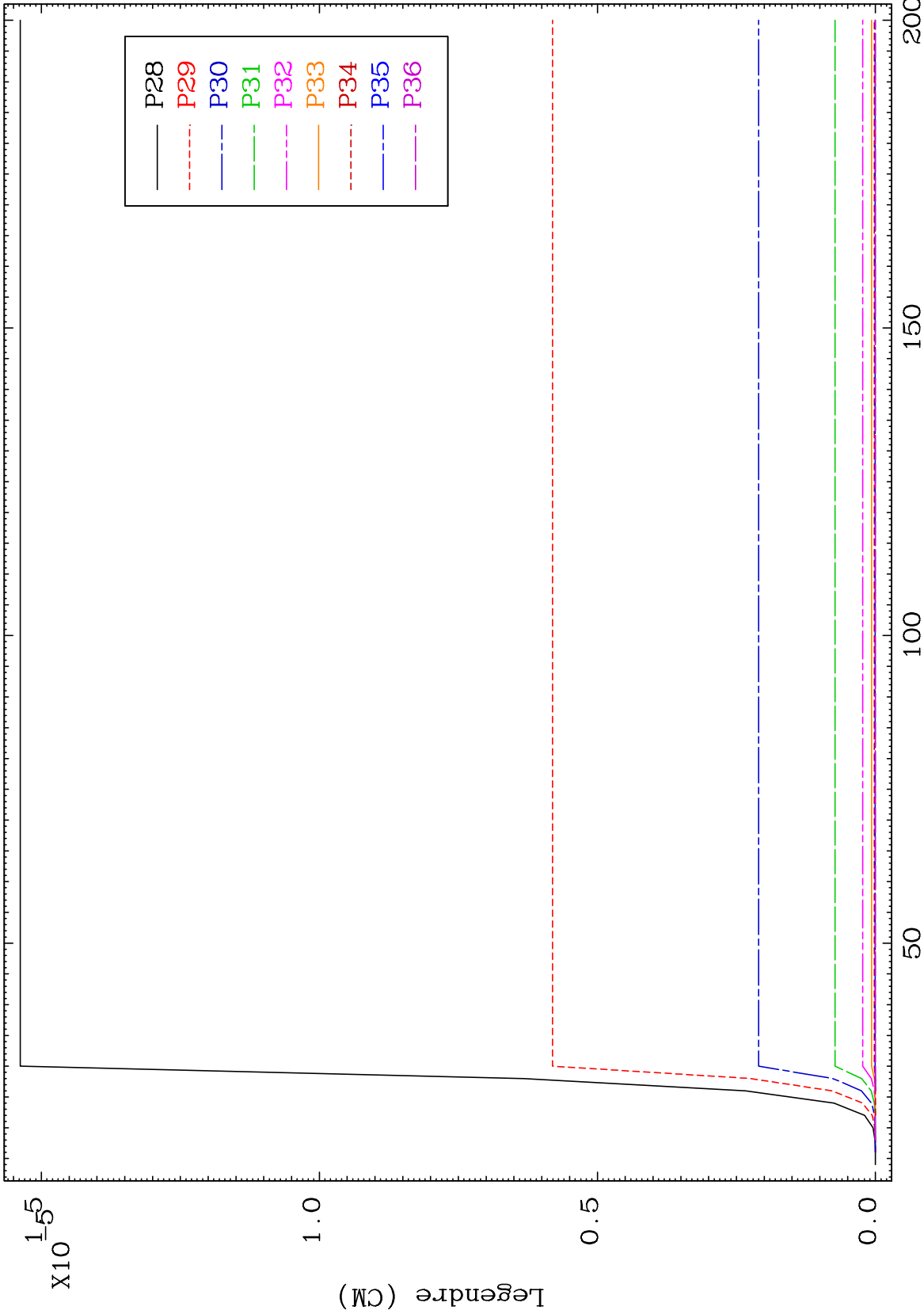
77

73-Ta-183

MAT 7334

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

73-Ta-183



78

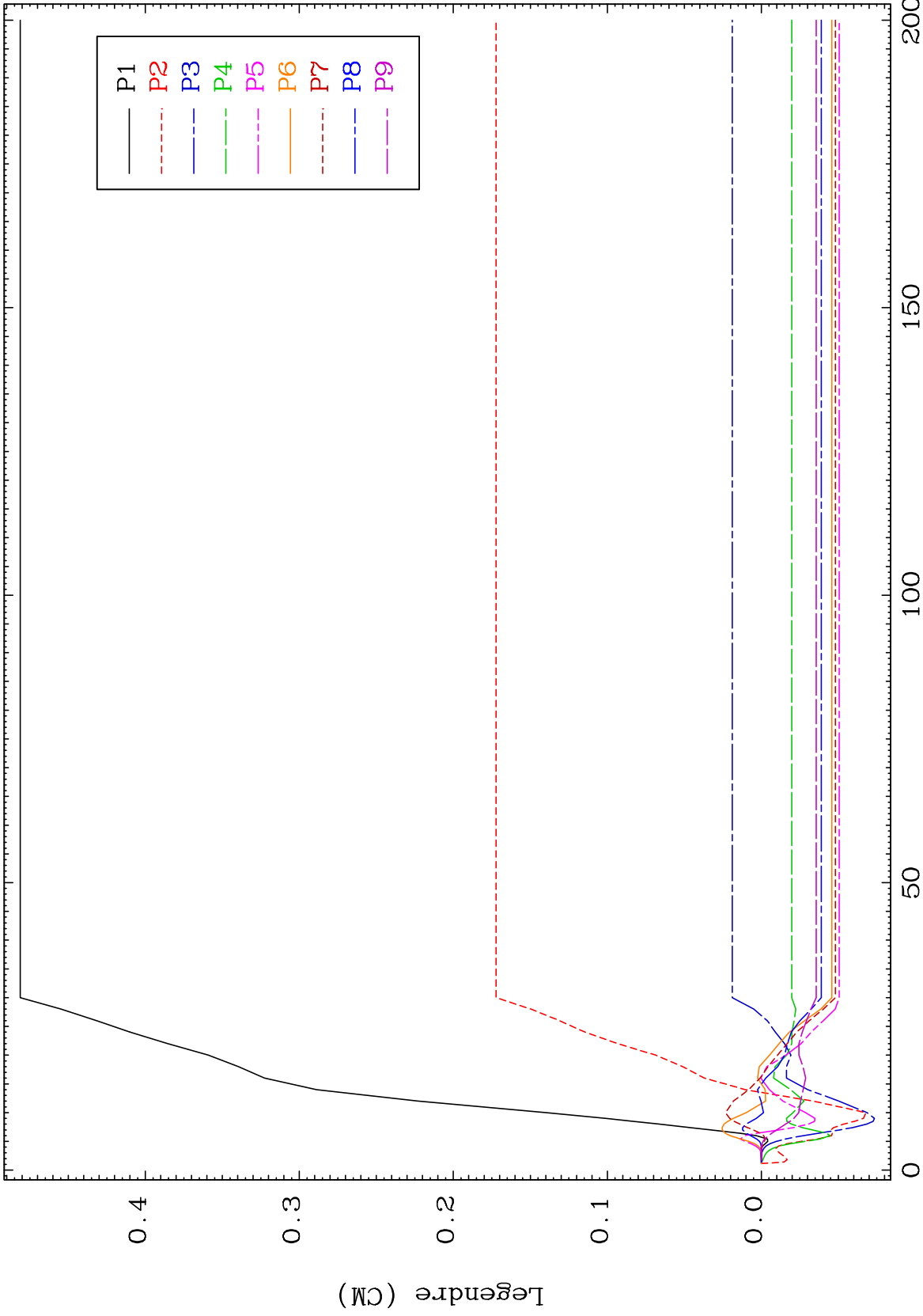
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



79

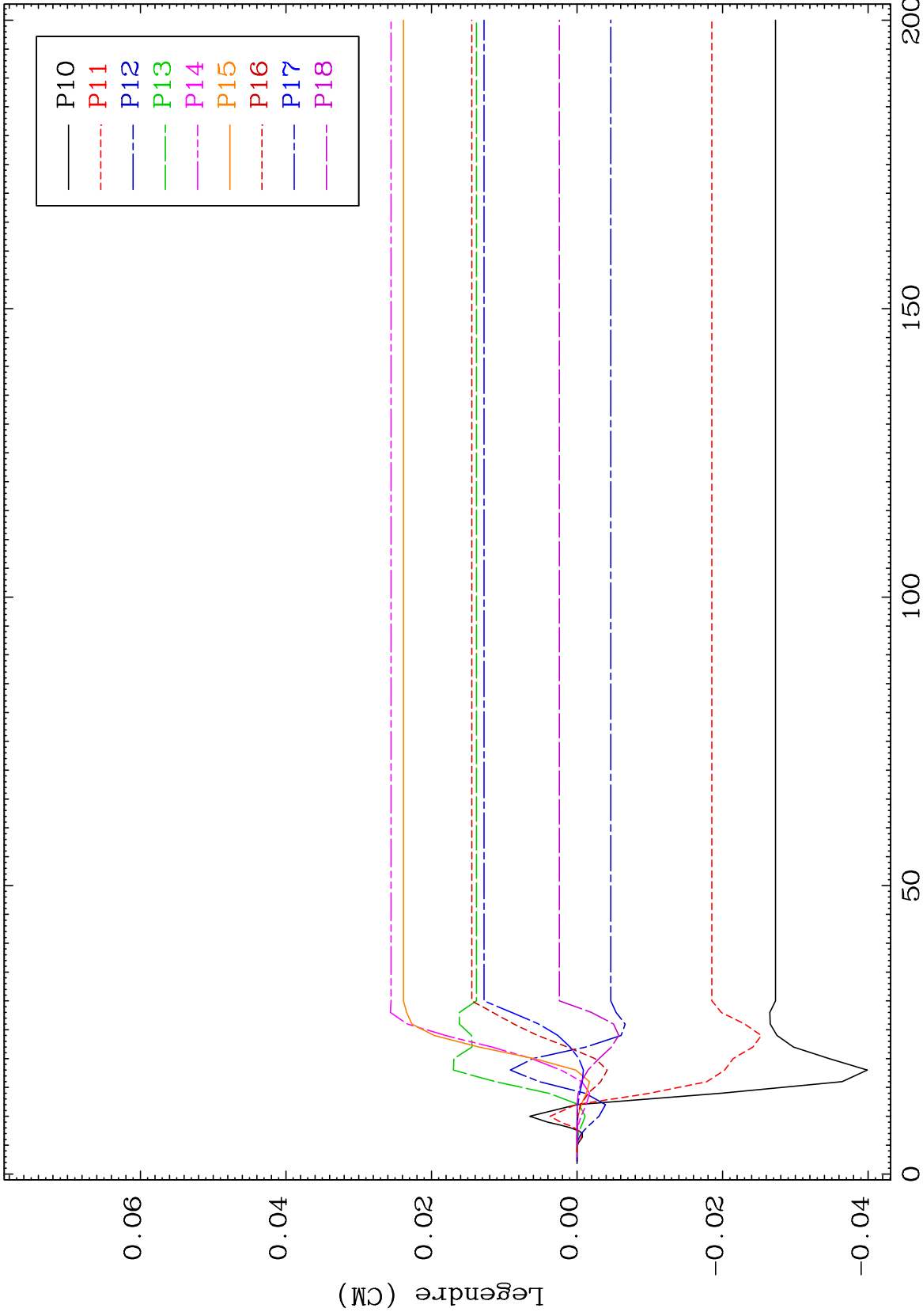
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



80

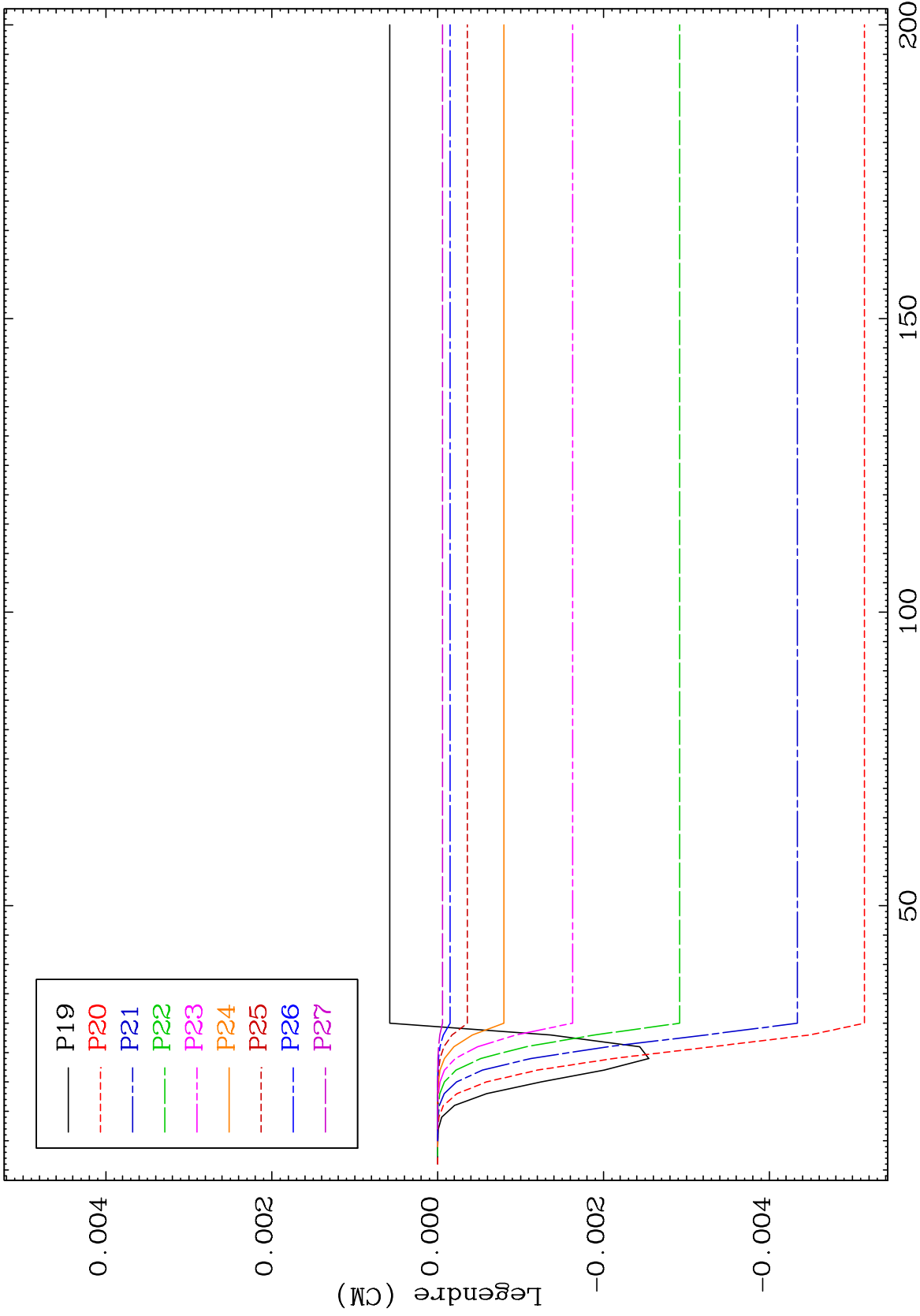
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



81

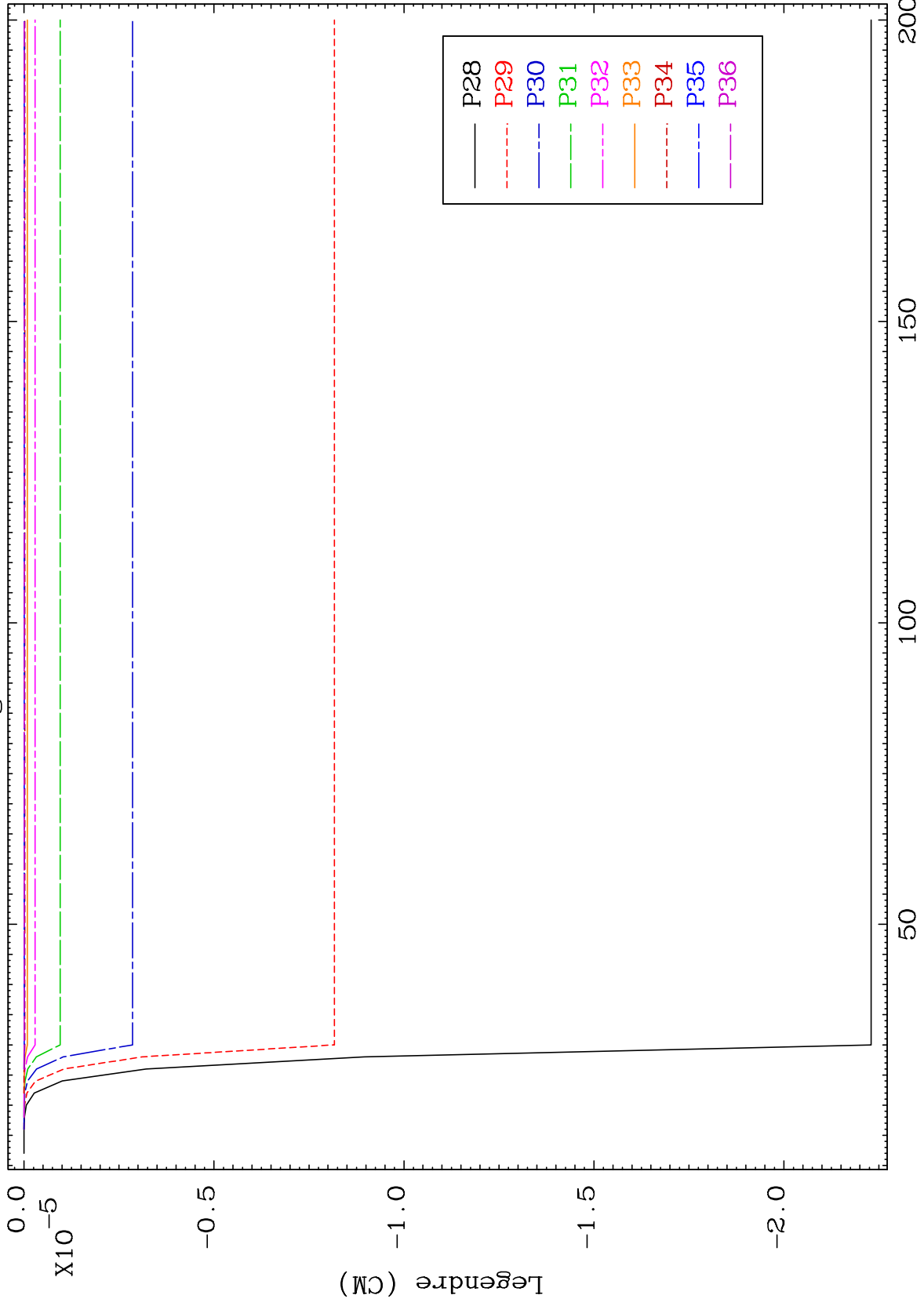
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



73-Ta-183

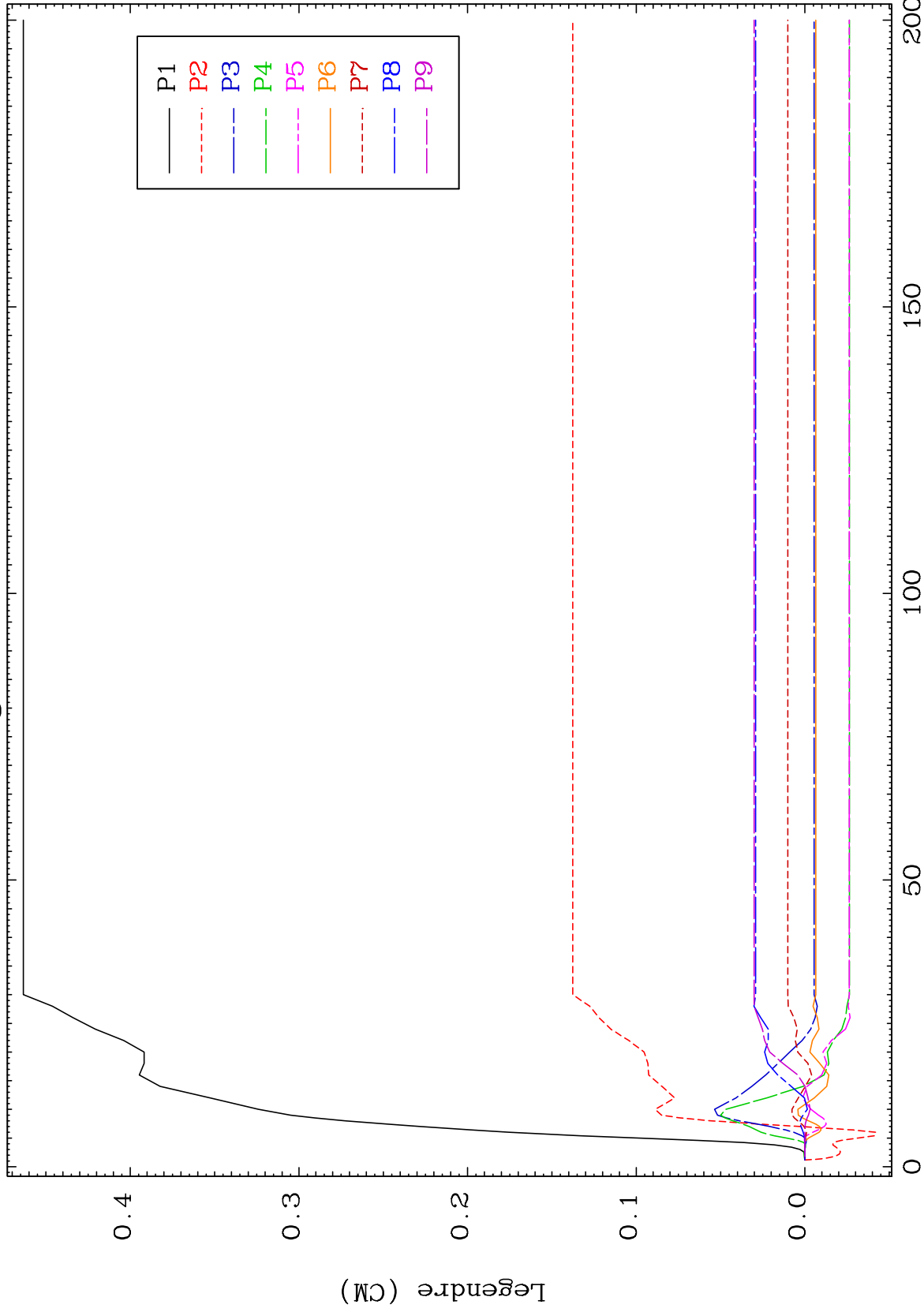
Incident Energy (MeV)

82

MAT 7334

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

73-Ta-183



83

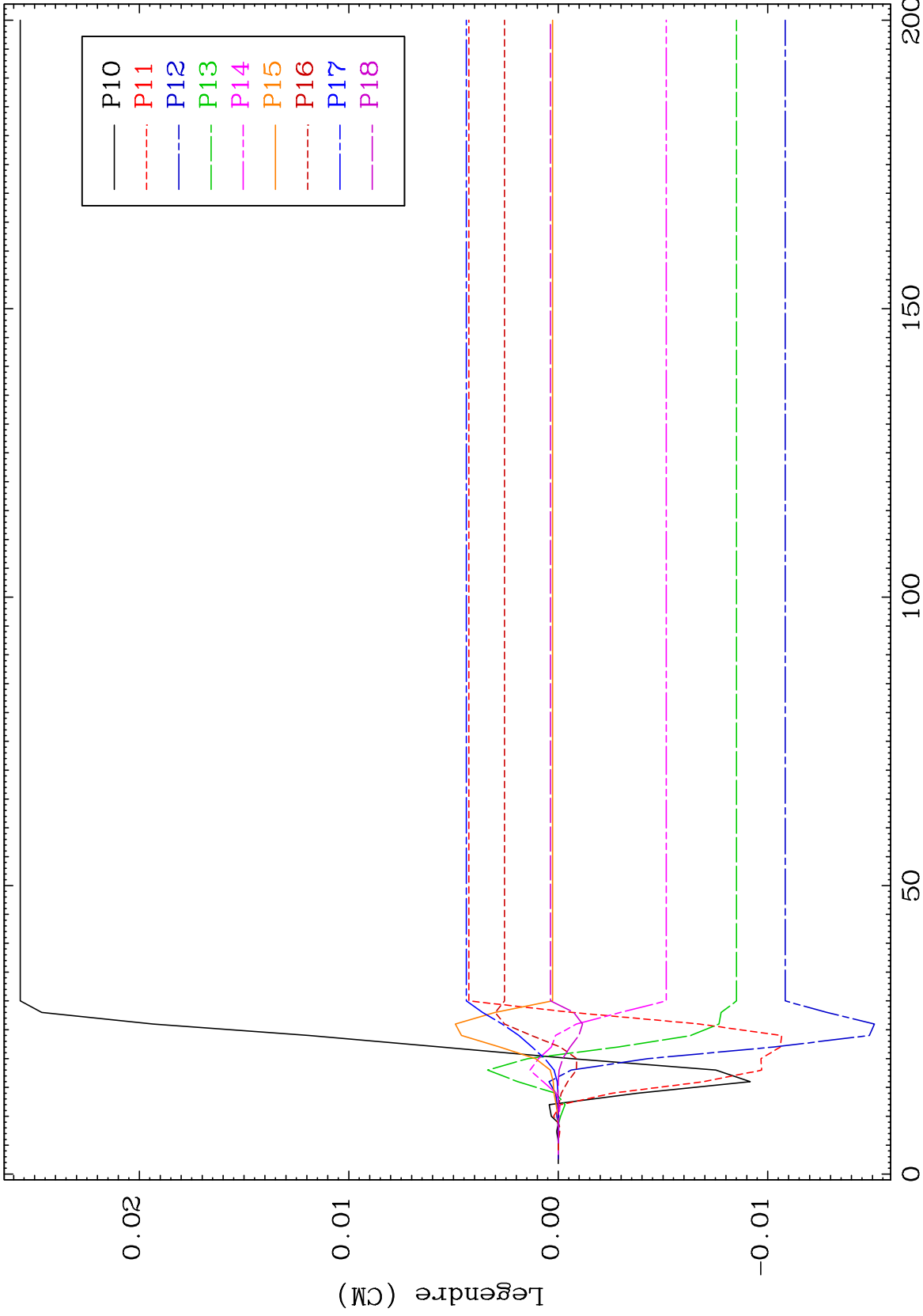
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



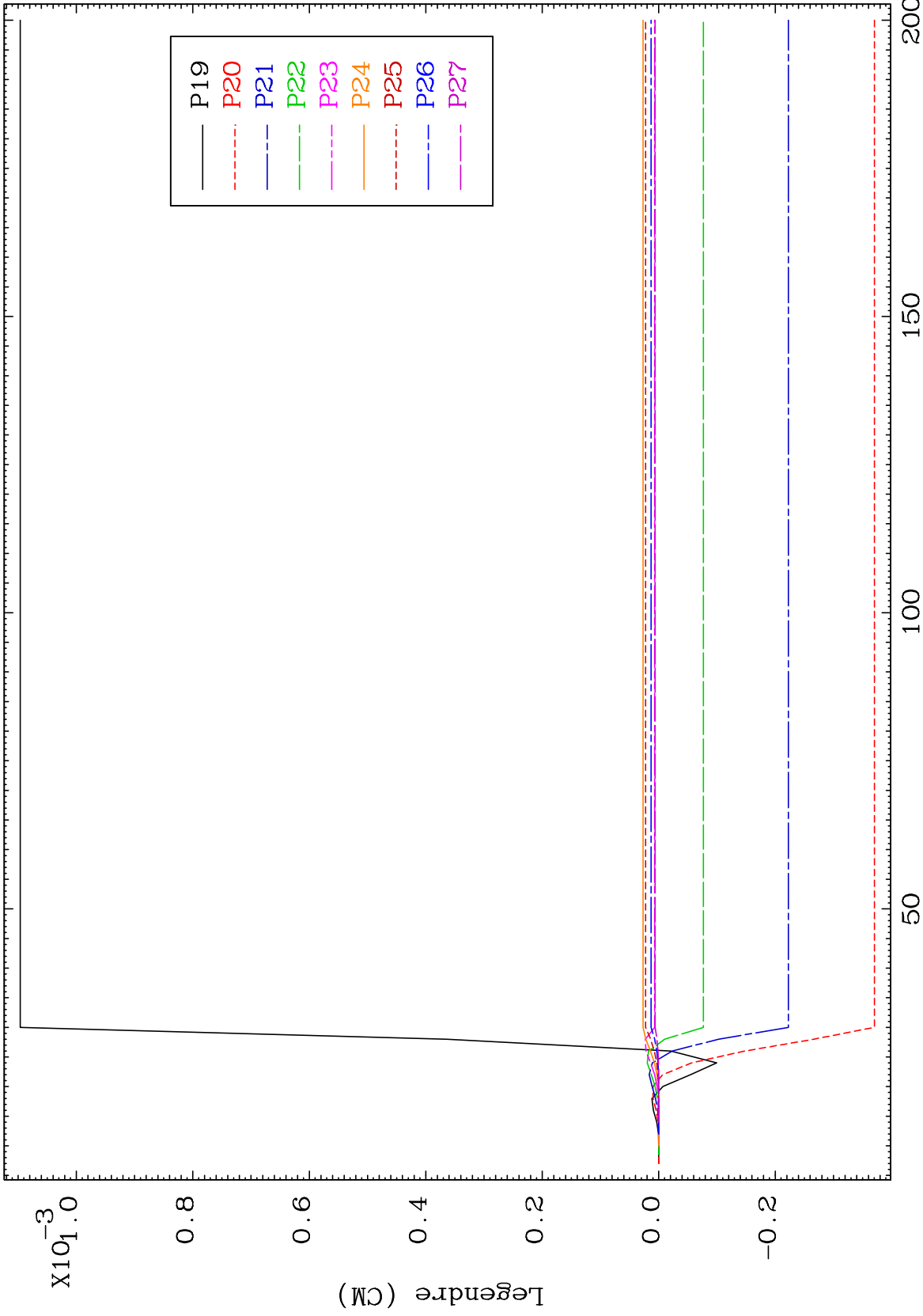
84

73-Ta-183

MAT 7334

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

73-Ta-183



85

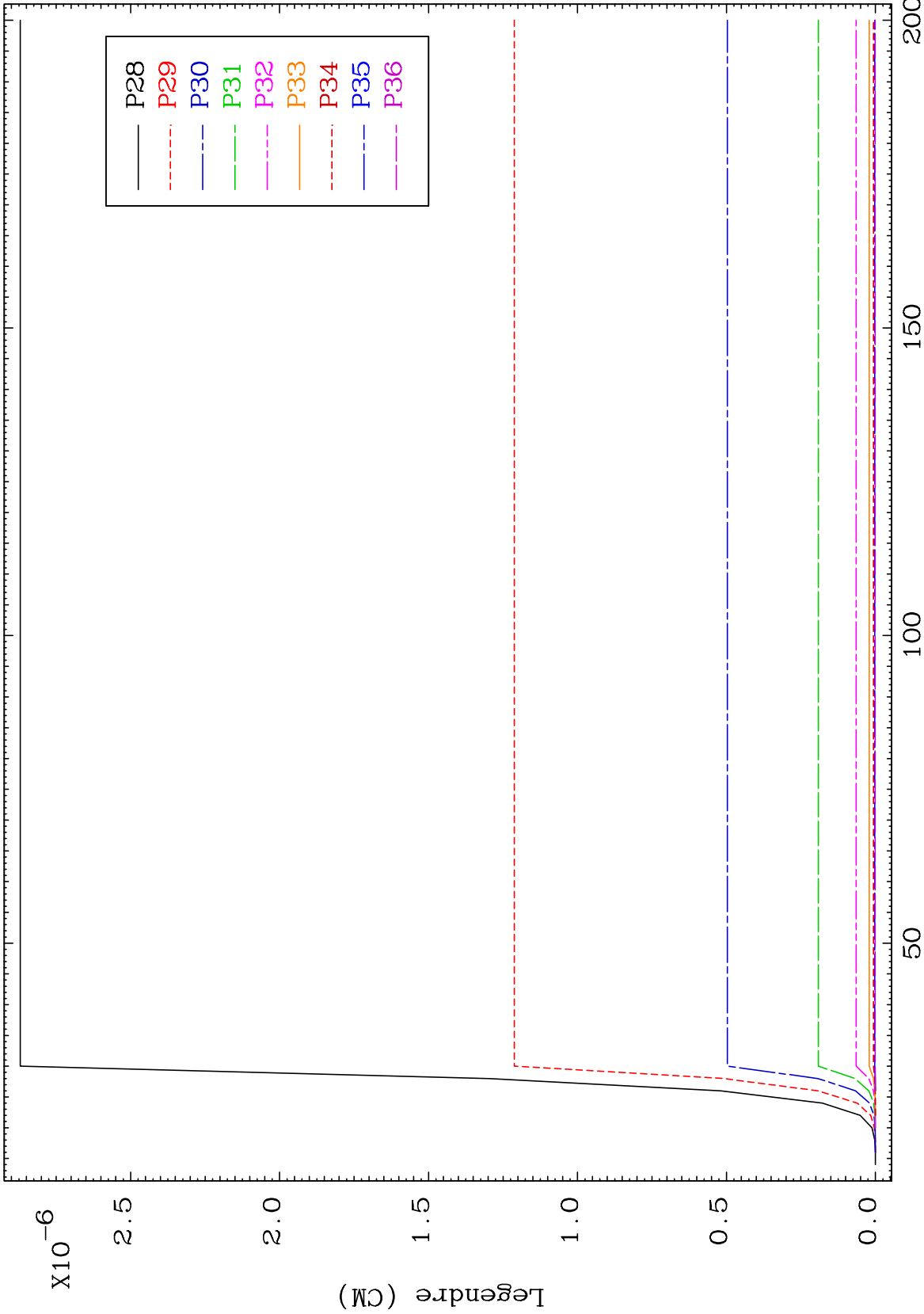
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

73-Ta-183



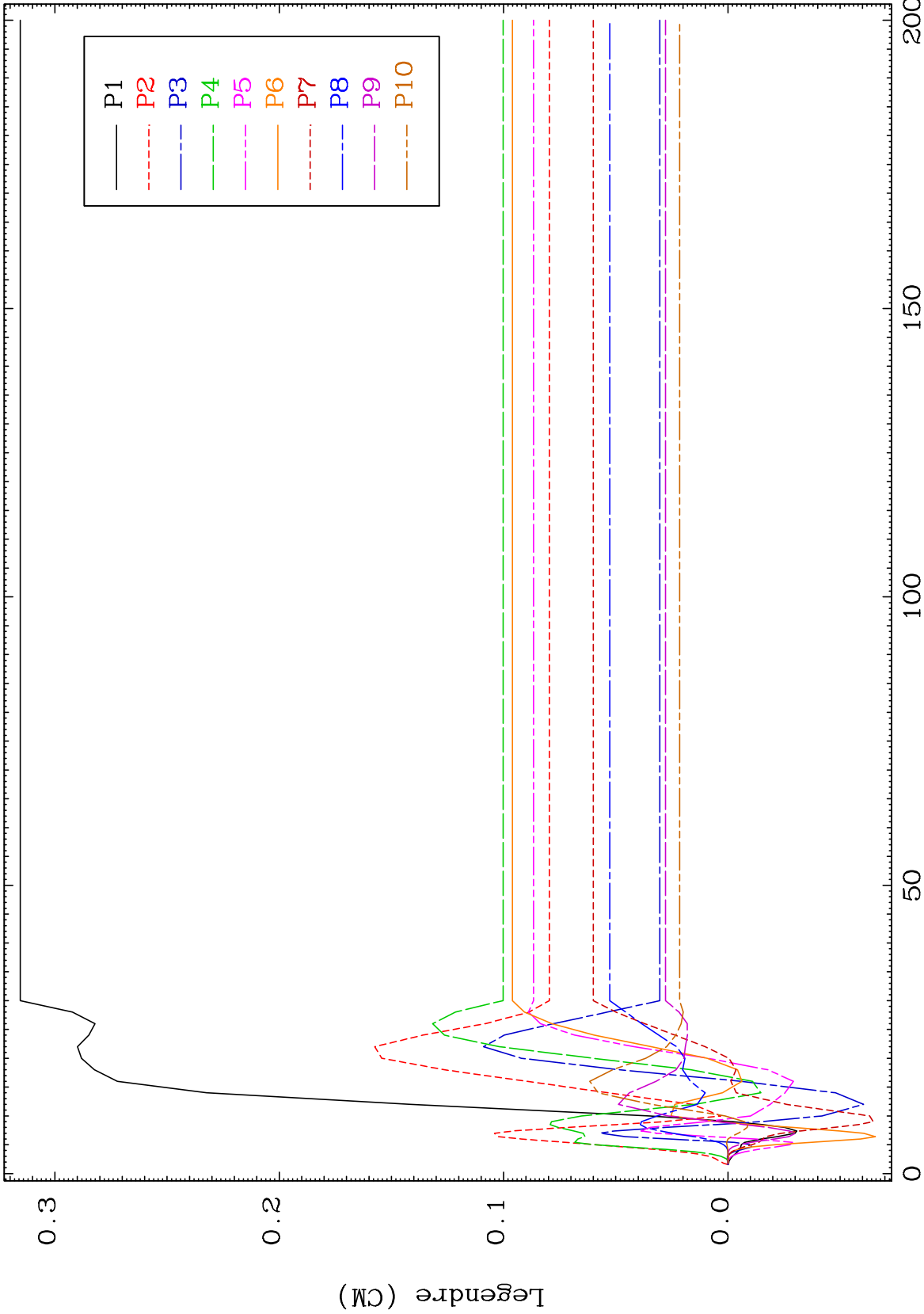
86

73-Ta-183

MAT 7334

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

73-Ta-183



87

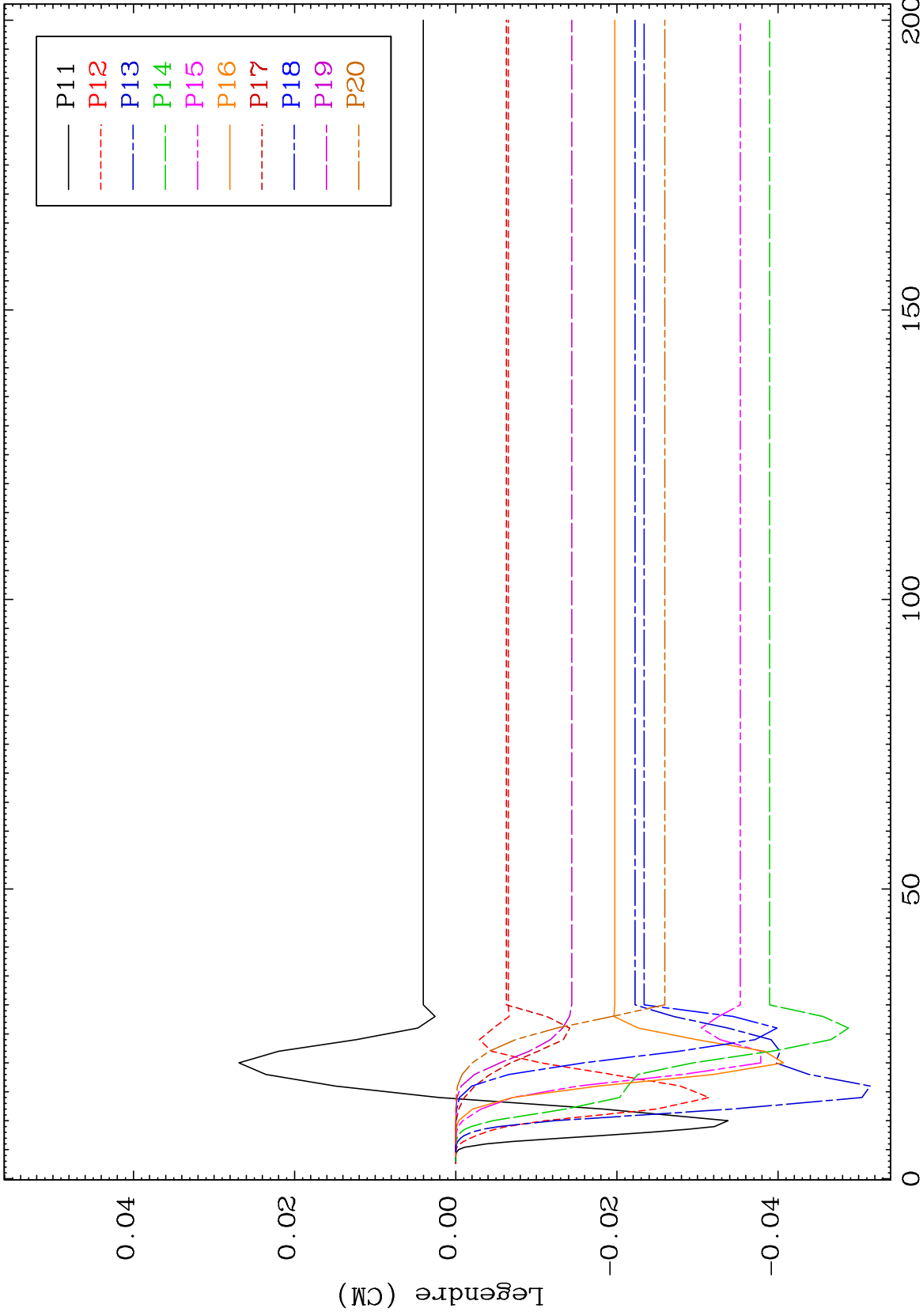
Incident Energy (MeV)

73-Ta-183

MAT 7334

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

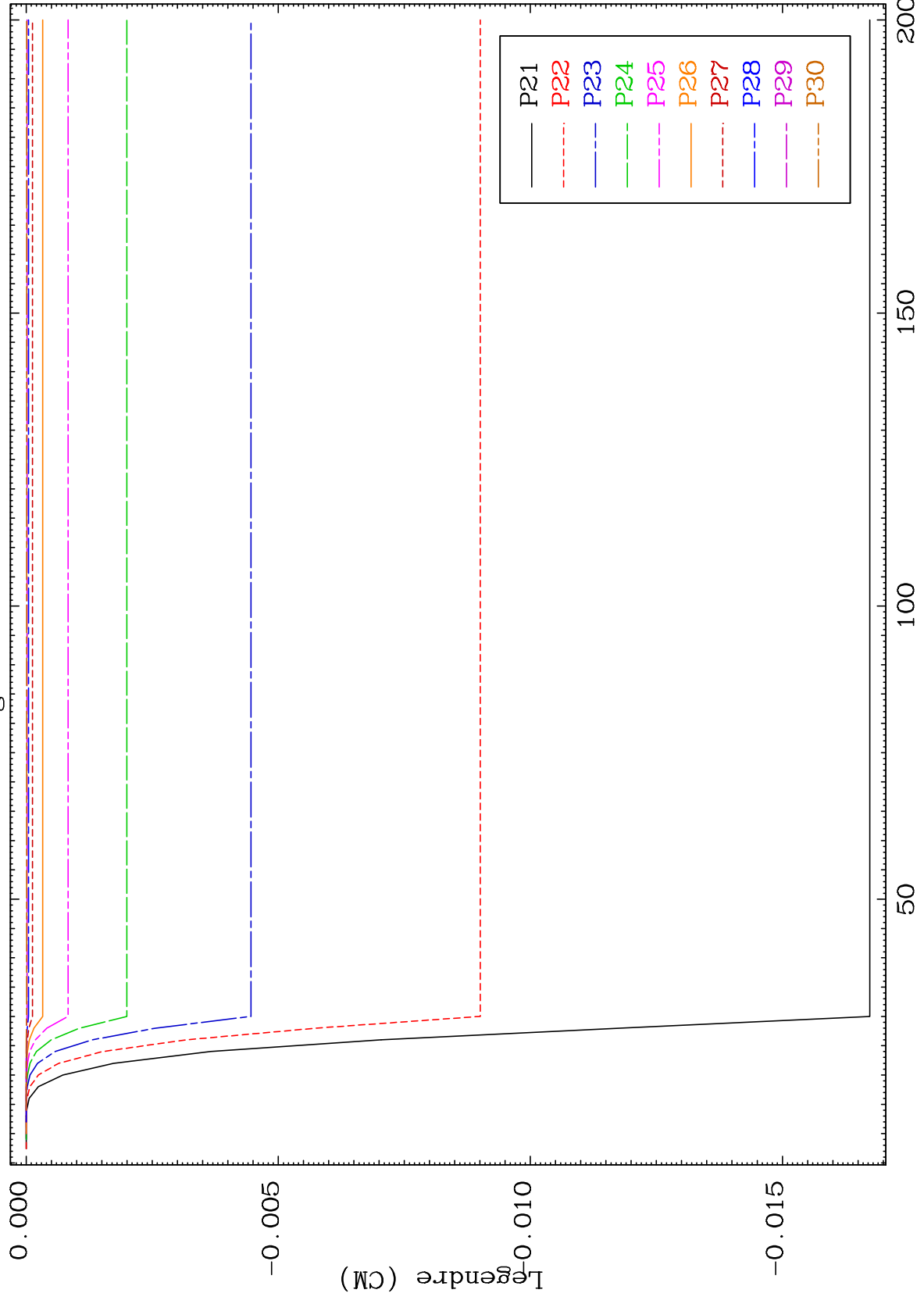
73-Ta-183



88

Incident Energy (MeV)

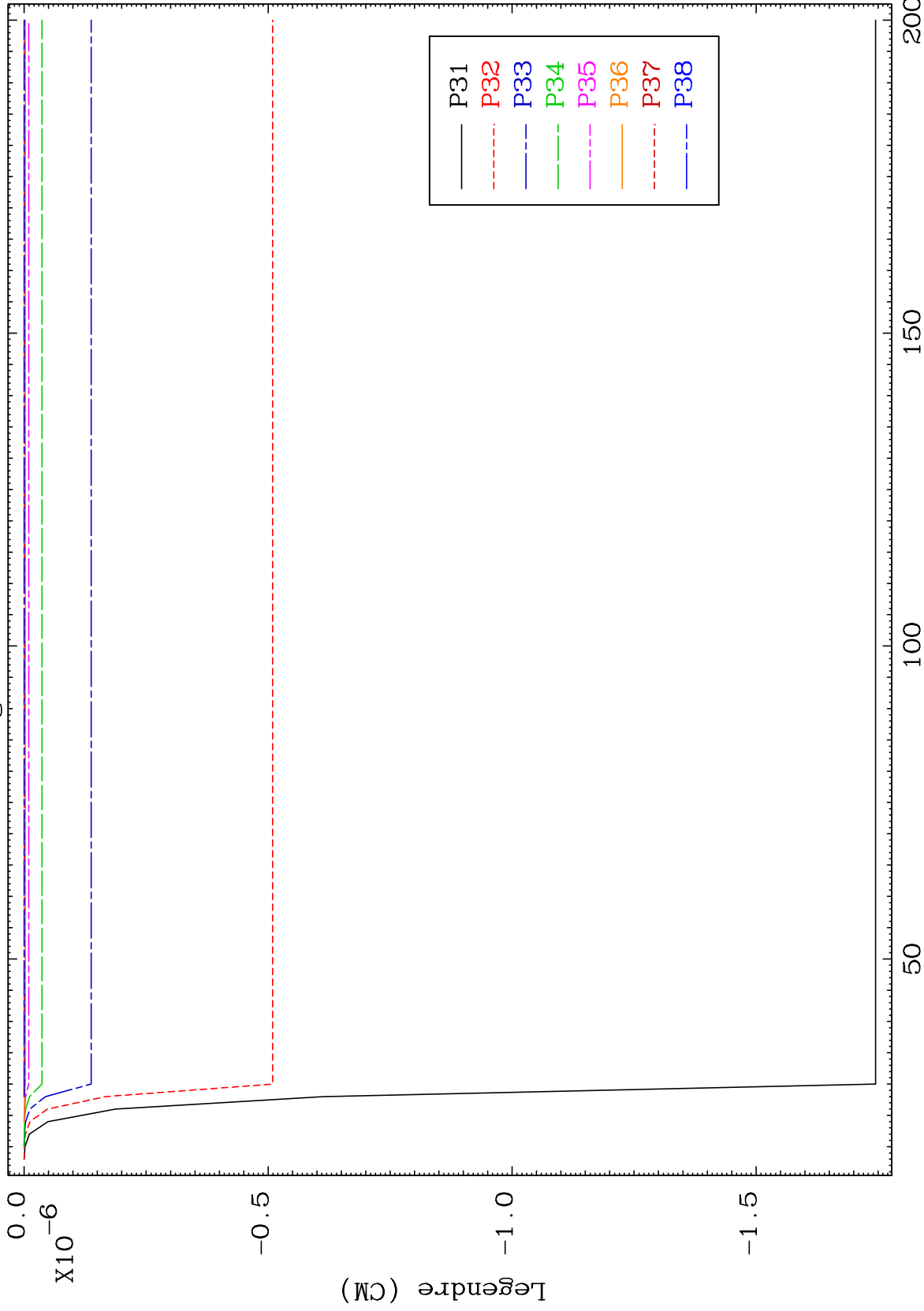
73-Ta-183



MAT 7334

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

73-Ta-183



90

Incident Energy (MeV)

50

100

150

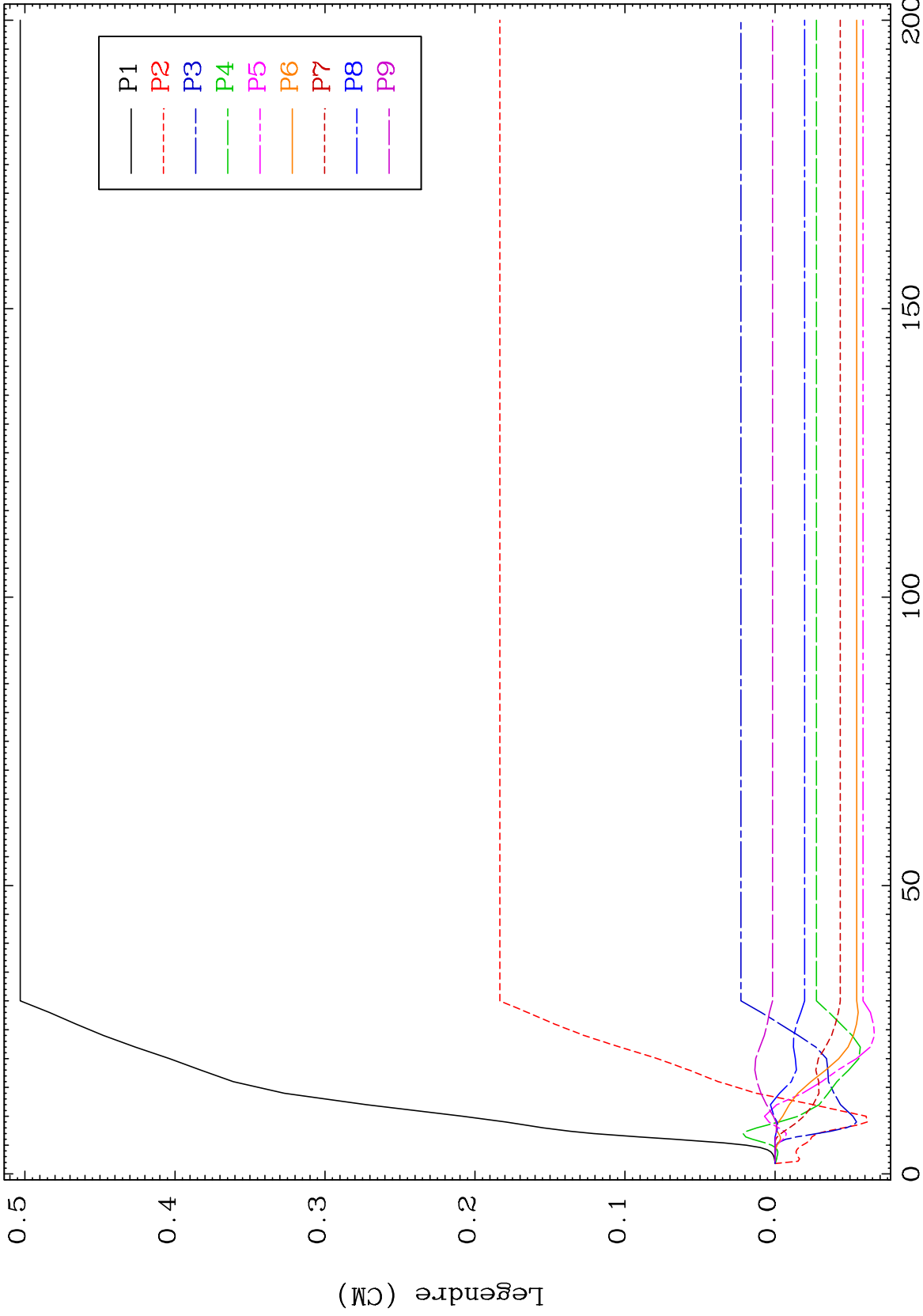
200

73-Ta-183

MAT 7334

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

73-Ta-183



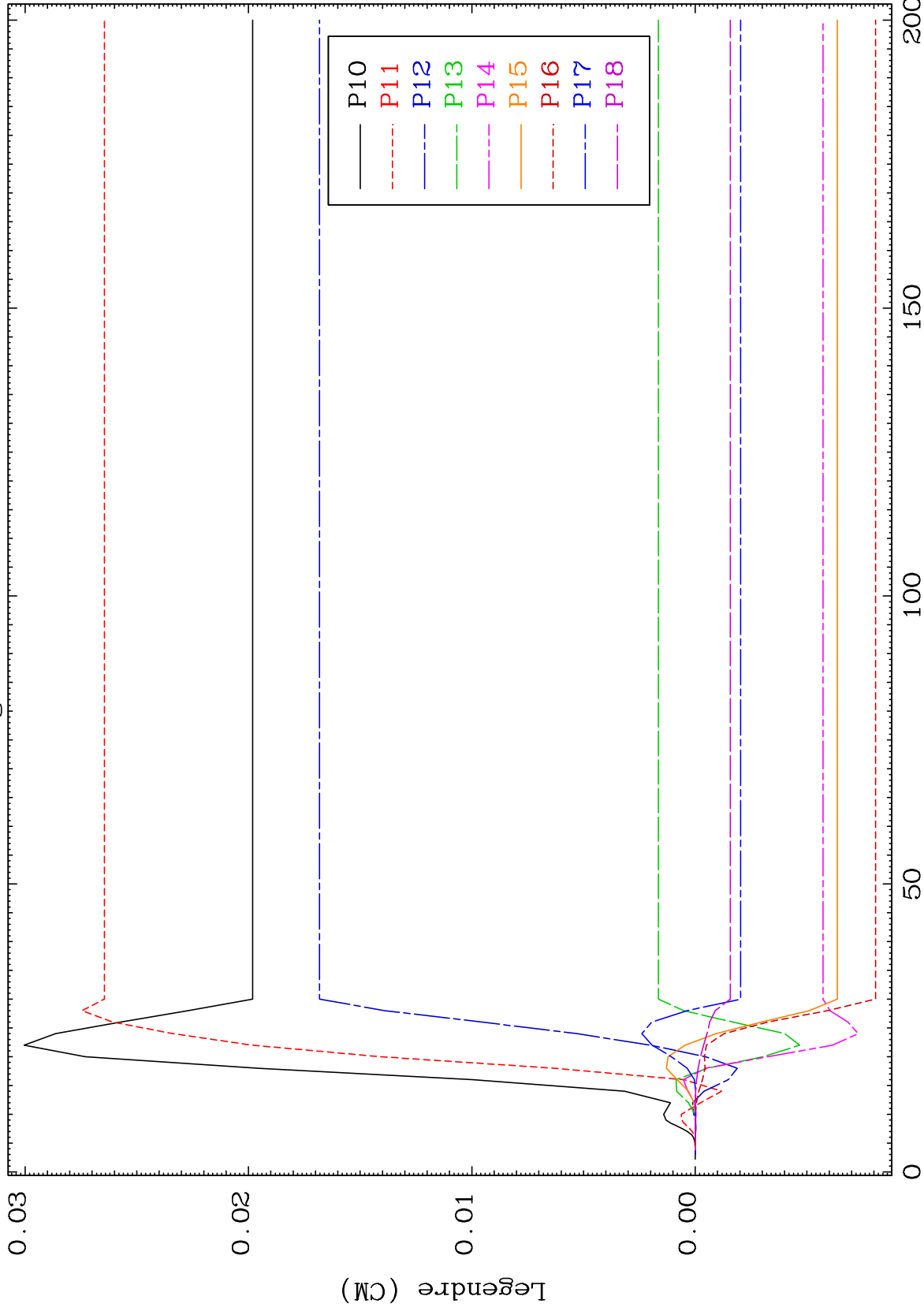
91

73-Ta-183

MAT 7334

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

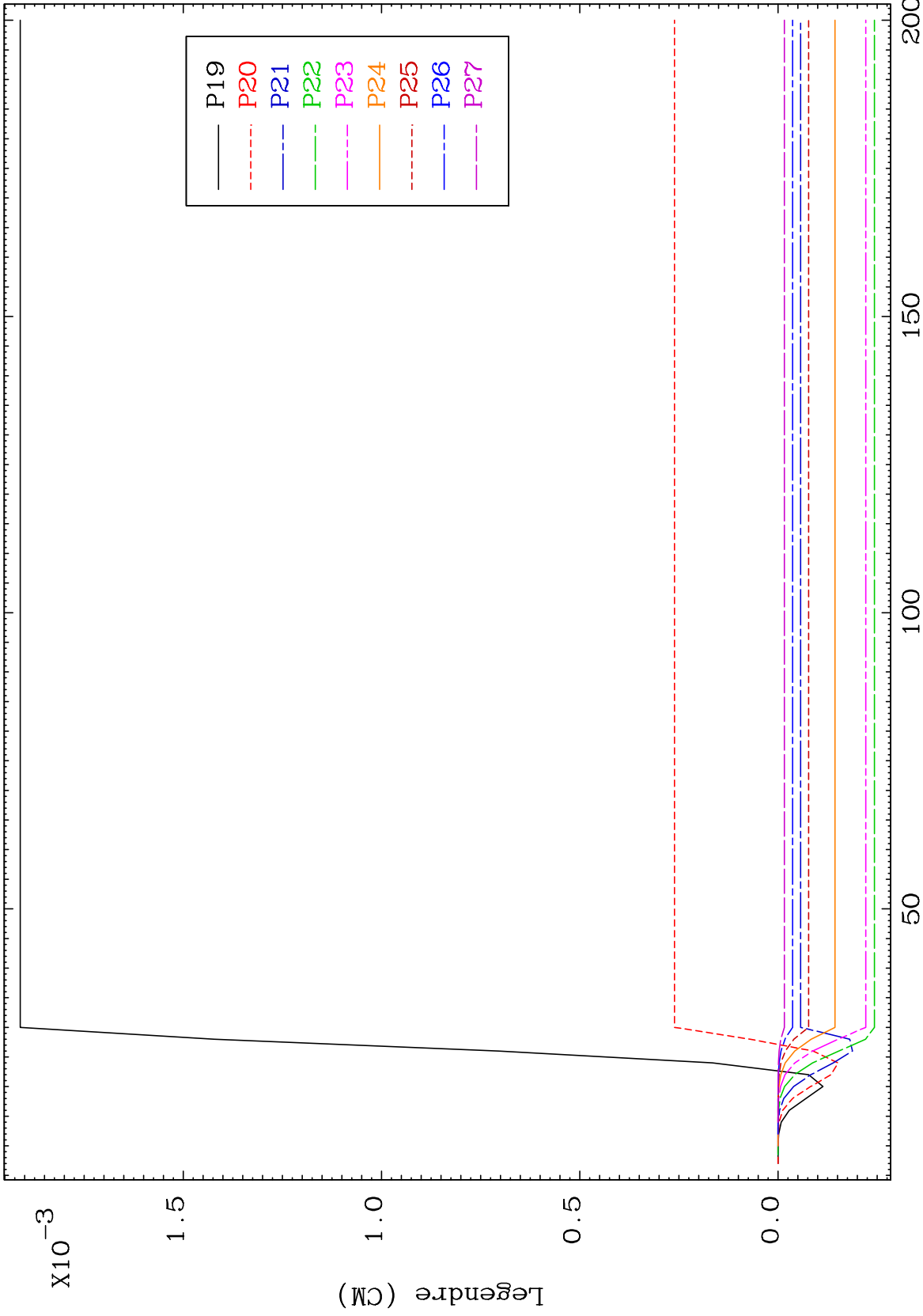
73-Ta-183



92

Incident Energy (MeV)

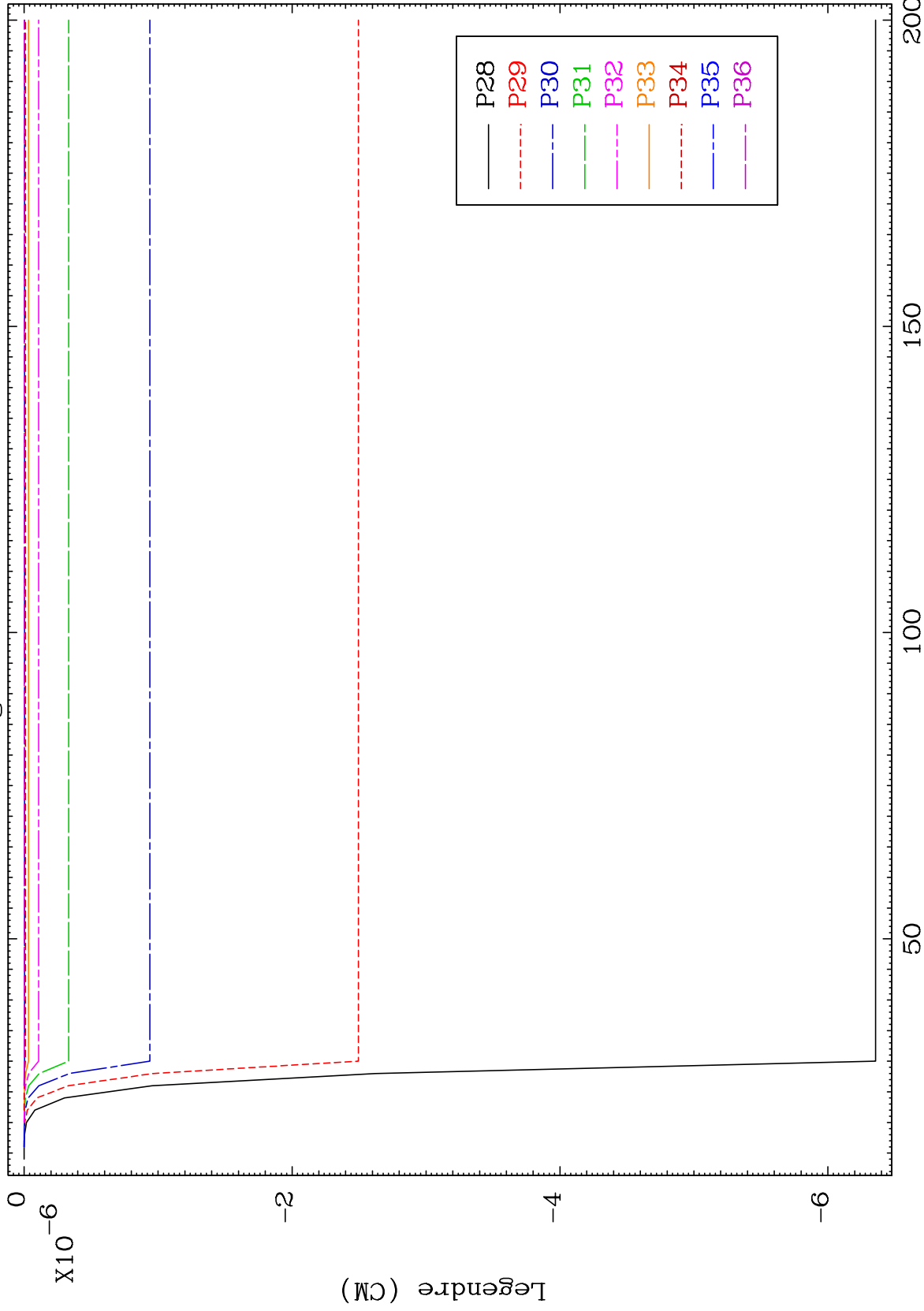
73-Ta-183



MAT 7334

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

73-Ta-183



94

Incident Energy (MeV)

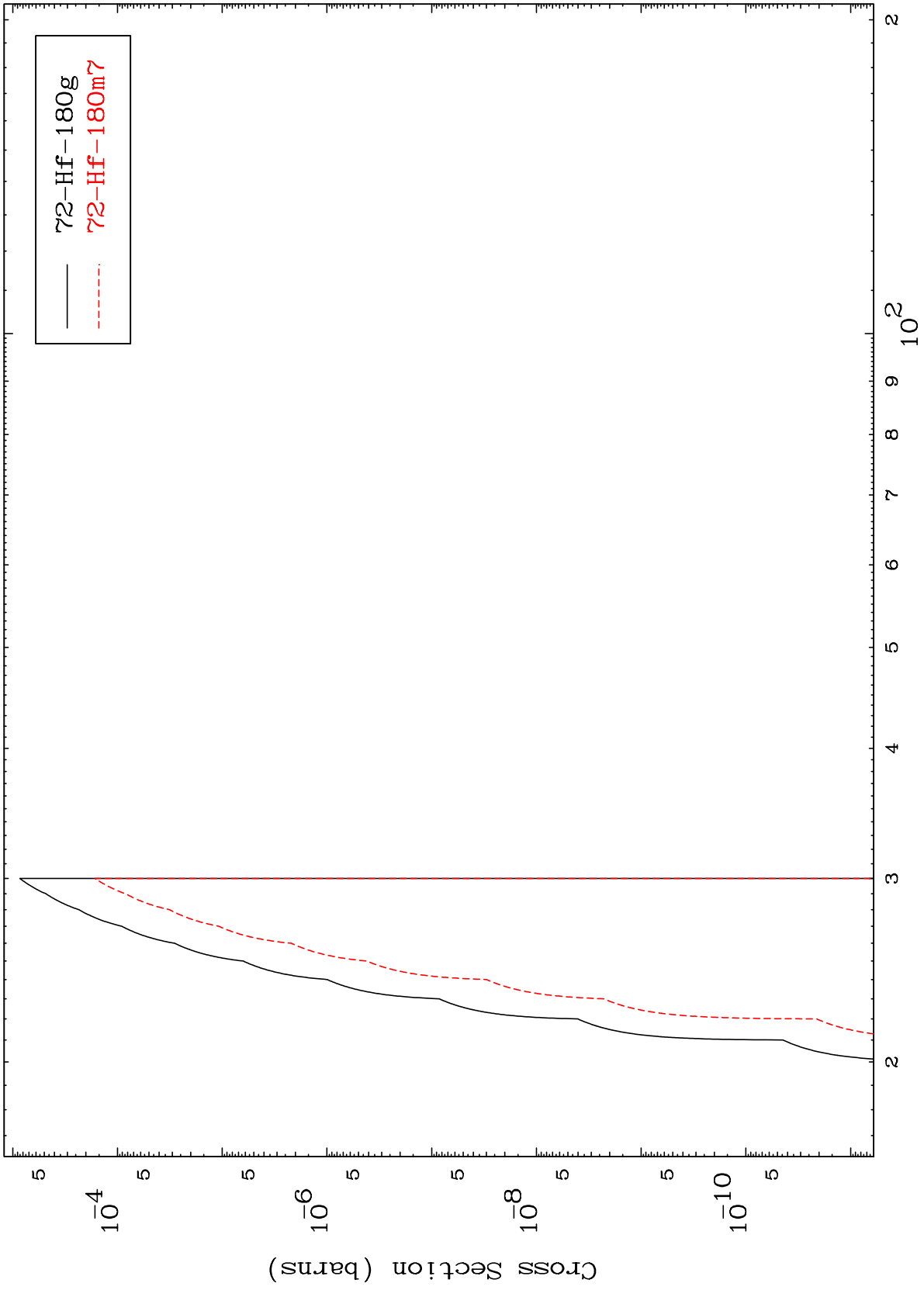
73-Ta-183

MAT 7334

(n,2n) d

⁷³Ta-183

Radionuclide Production Cross Section



95

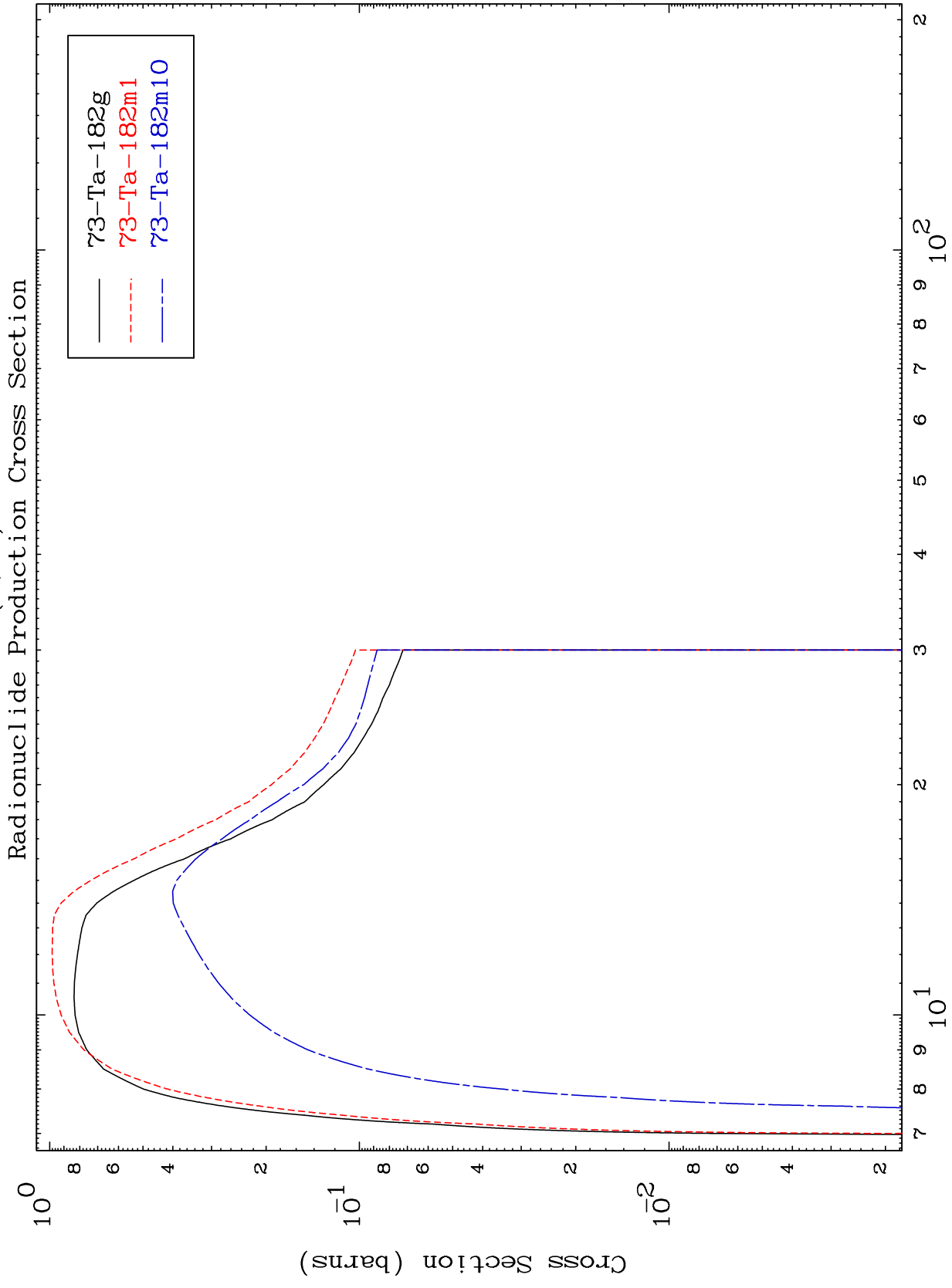
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

(n,2n)

⁷³Ta-183



96

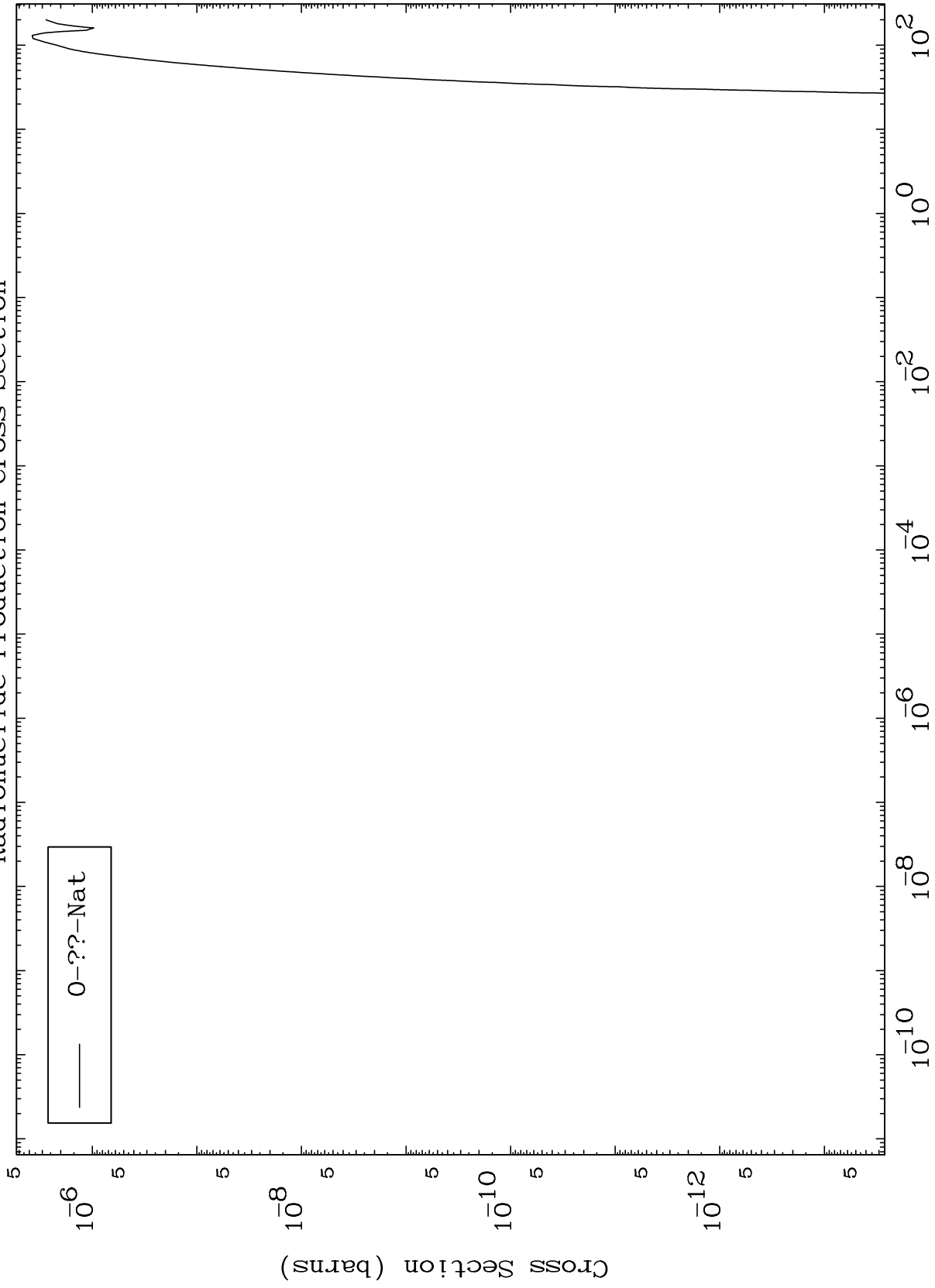
Incident Energy (MeV)

⁷³Ta-183

MAT 7334

Fission
Radionuclide Production Cross Section

⁷³Ta-183



97

Incident Energy (MeV)

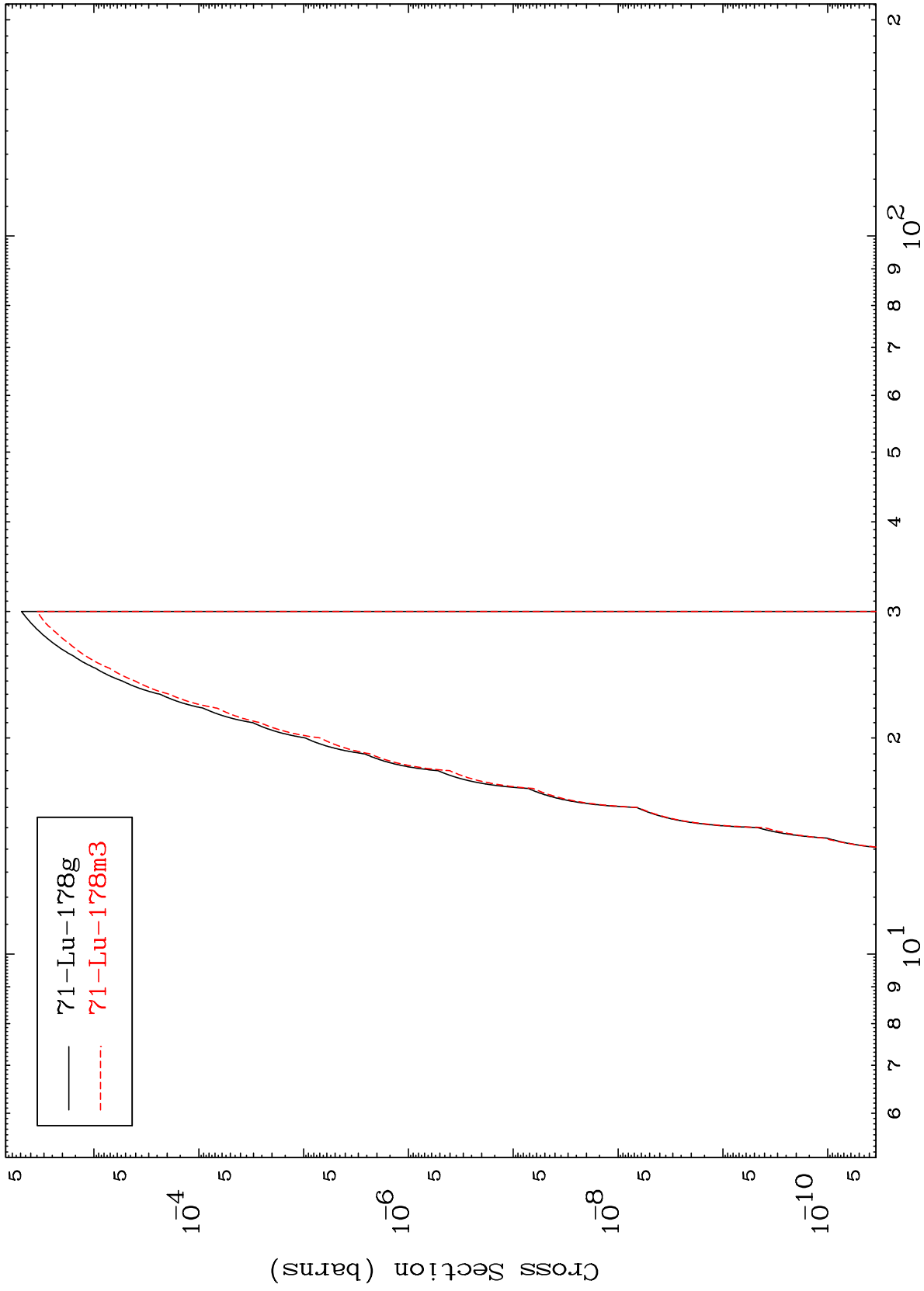
⁷³Ta-183

MAT 7334

(n,2n) α

73-Ta-183

Radionuclide Production Cross Section



98

Incident Energy (MeV)

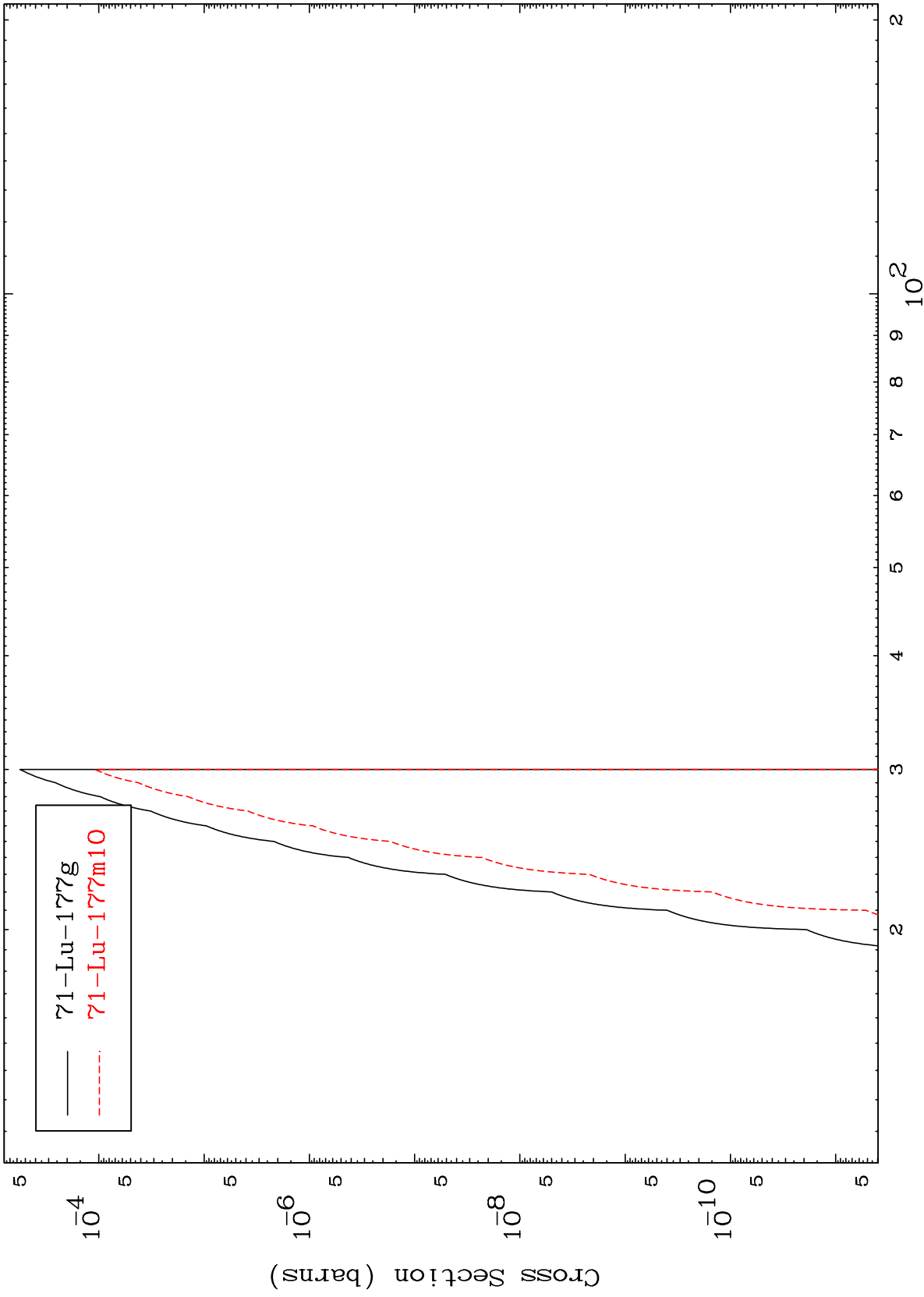
73-Ta-183

MAT 7334

(n,3n) α

⁷³Ta-183

Radionuclide Production Cross Section



99

Incident Energy (MeV)

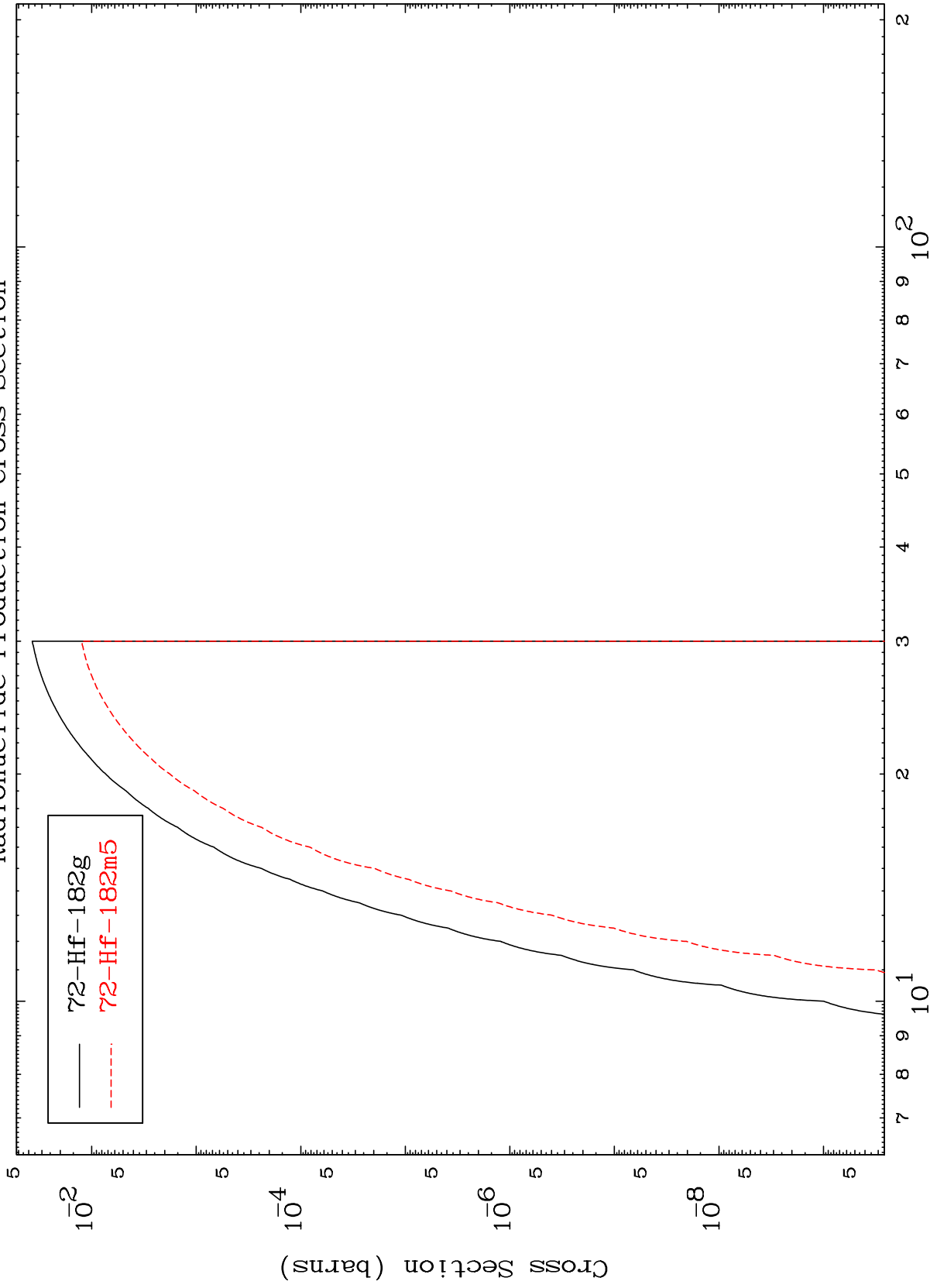
⁷³Ta-183

MAT 7334

(n,n') p

73-Ta-183

Radionuclide Production Cross Section



100

Incident Energy (MeV)

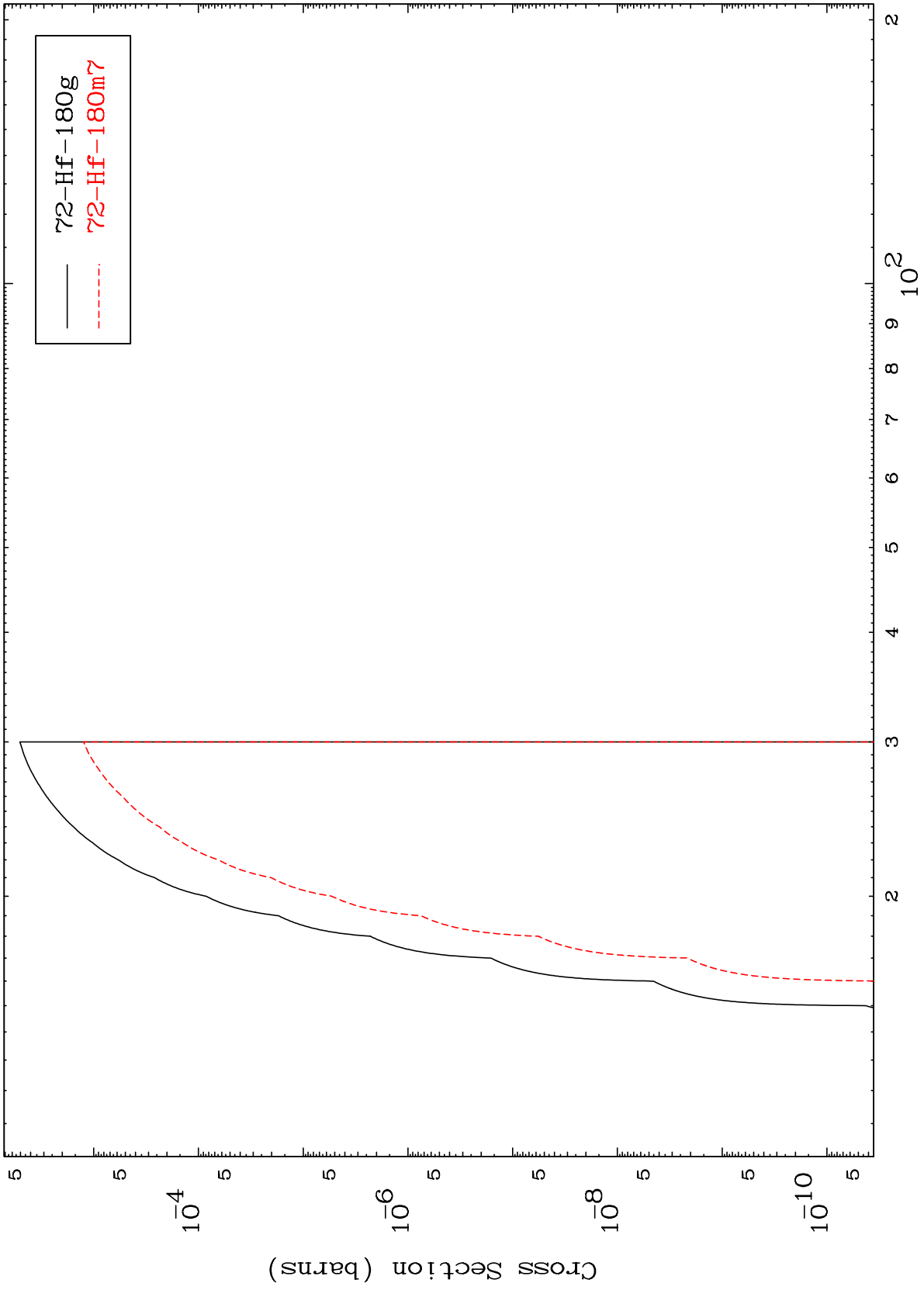
73-Ta-183

MAT 7334

(n,n') t

⁷³Ta-183

Radionuclide Production Cross Section



101

Incident Energy (MeV)

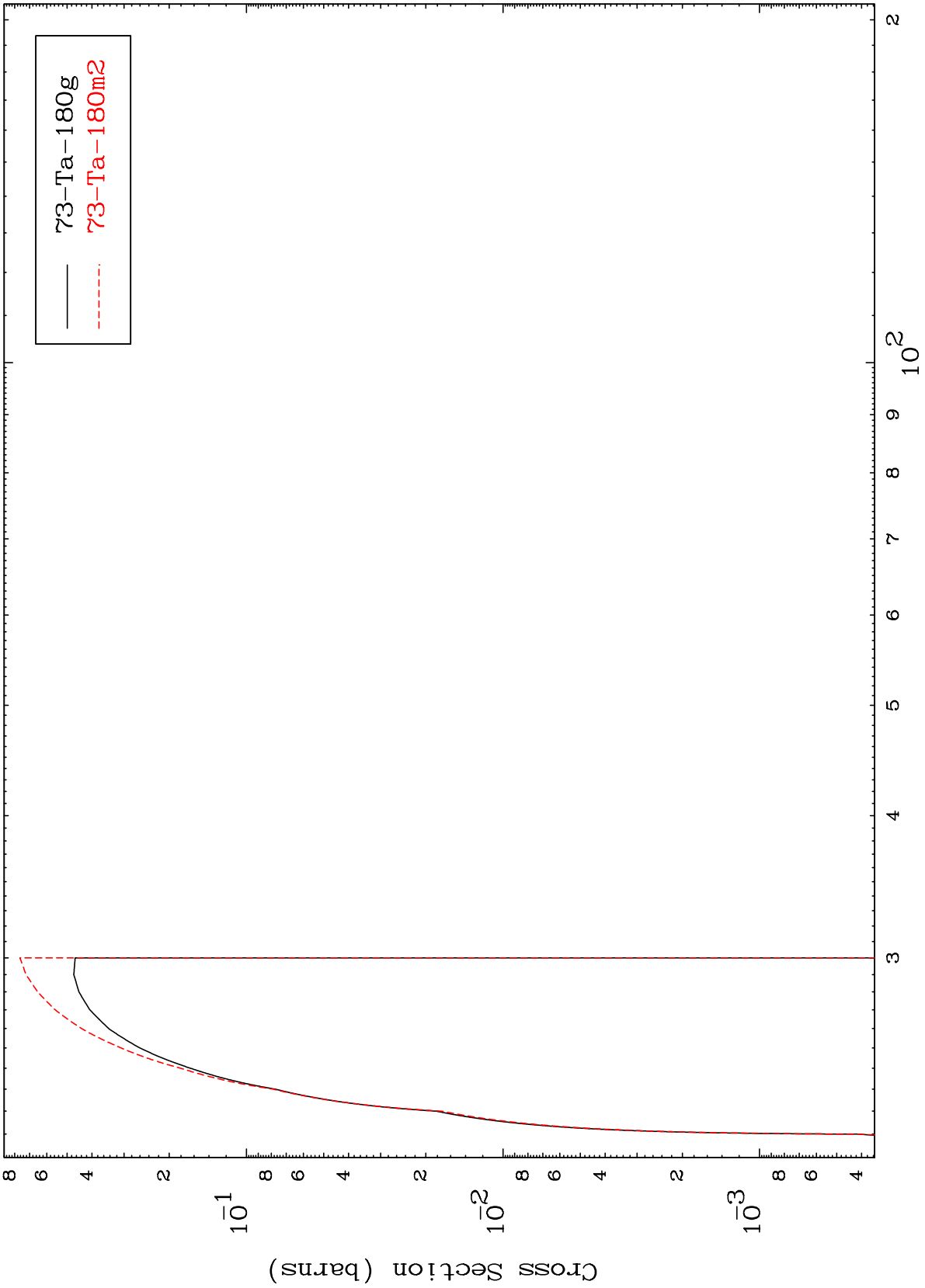
⁷³Ta-183

MAT 7334

(n,4n)

⁷³Ta-183

Radionuclide Production Cross Section



73-Ta-180g
73-Ta-180m2

102

Incident Energy (MeV)

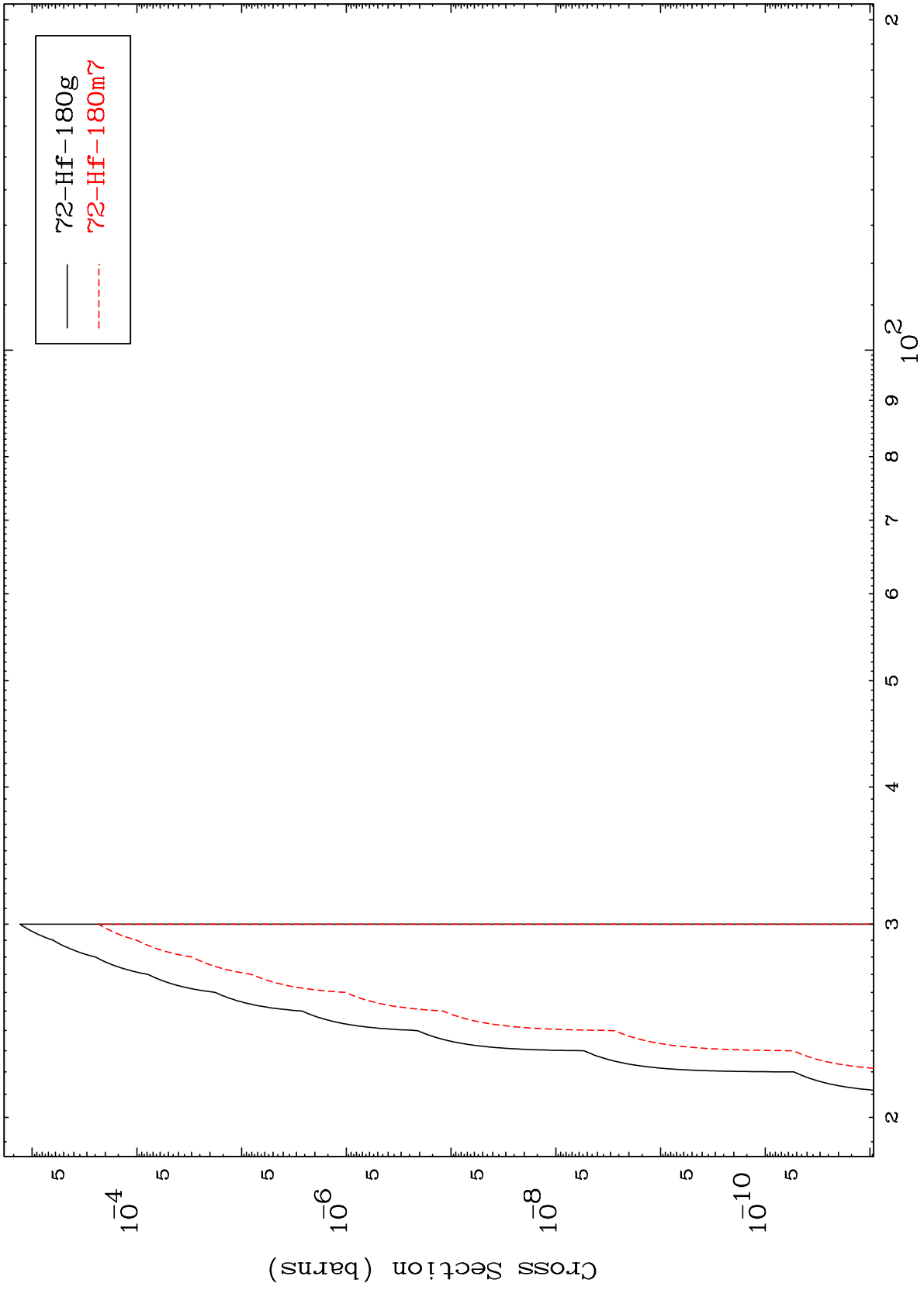
⁷³Ta-183

MAT 7334

(n,3n) p

⁷³Ta-183

Radionuclide Production Cross Section



103

Incident Energy (MeV)

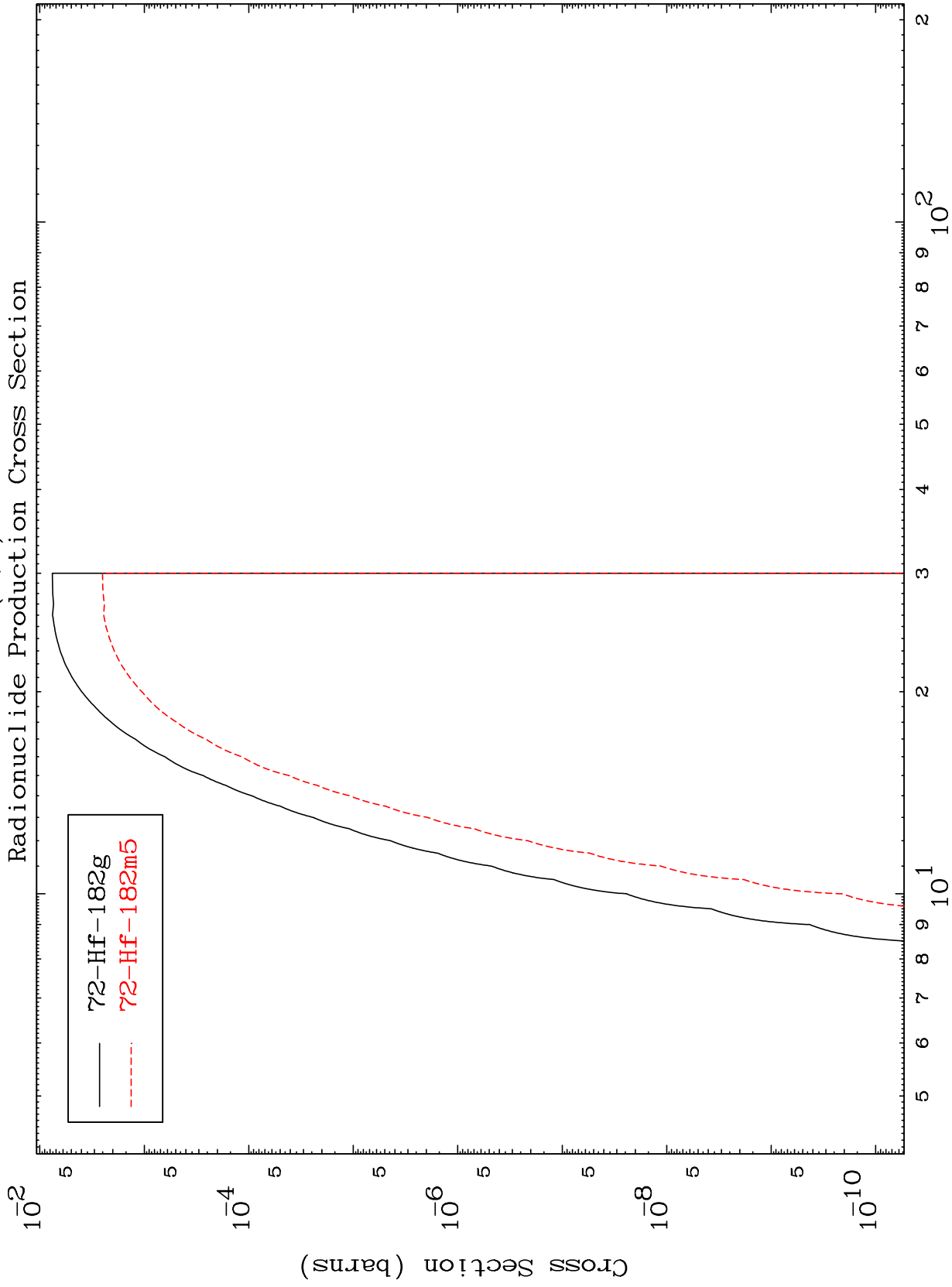
⁷³Ta-183

MAT 7334

(n,d)

⁷³Ta-183

Radionuclide Production Cross Section



72-Hf-182g
72-Hf-182m5

104