

Program EVALPLOT
(Version 2018-1)

by

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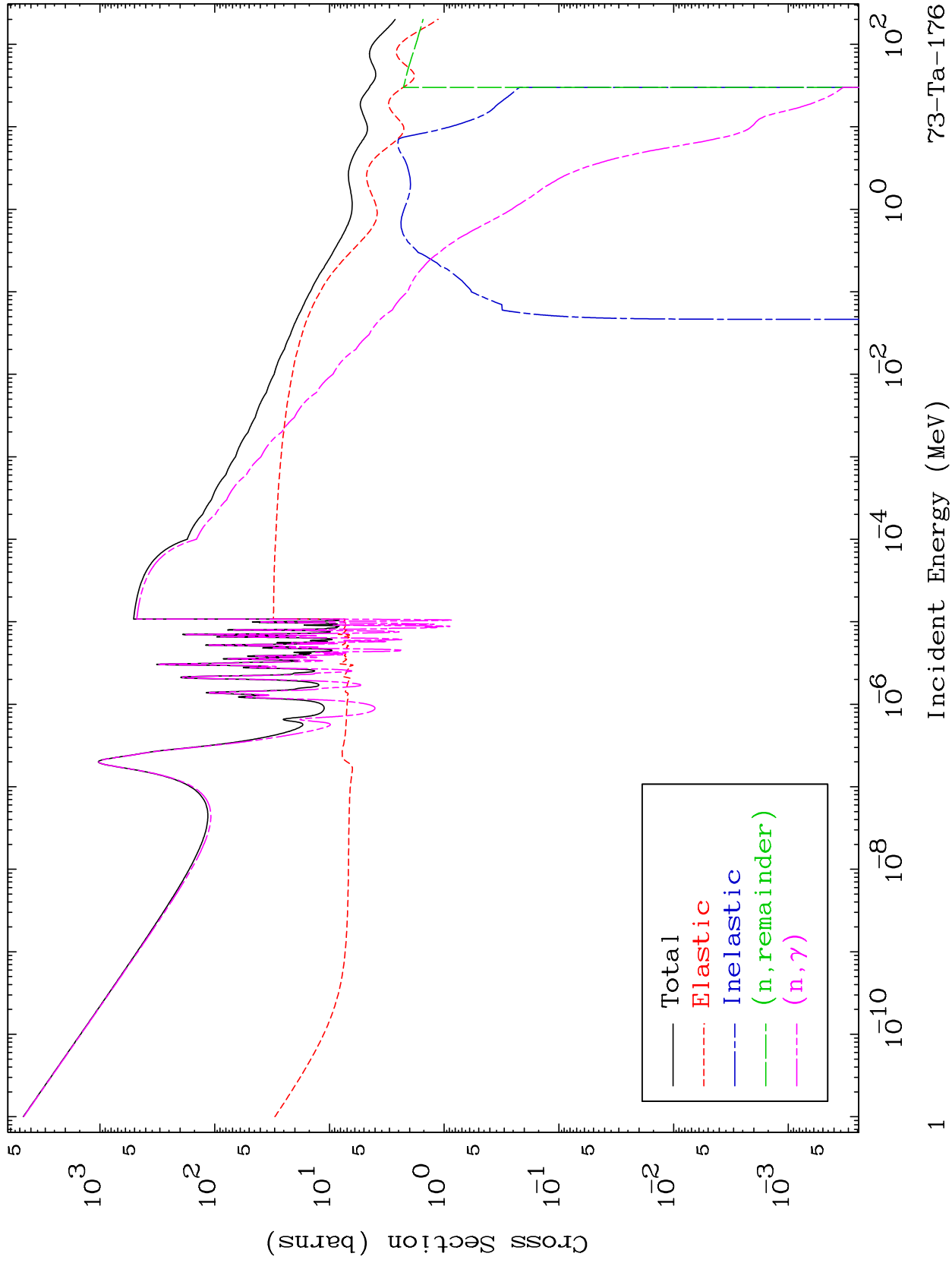
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7313

Major
293 Kelvin Cross Sections

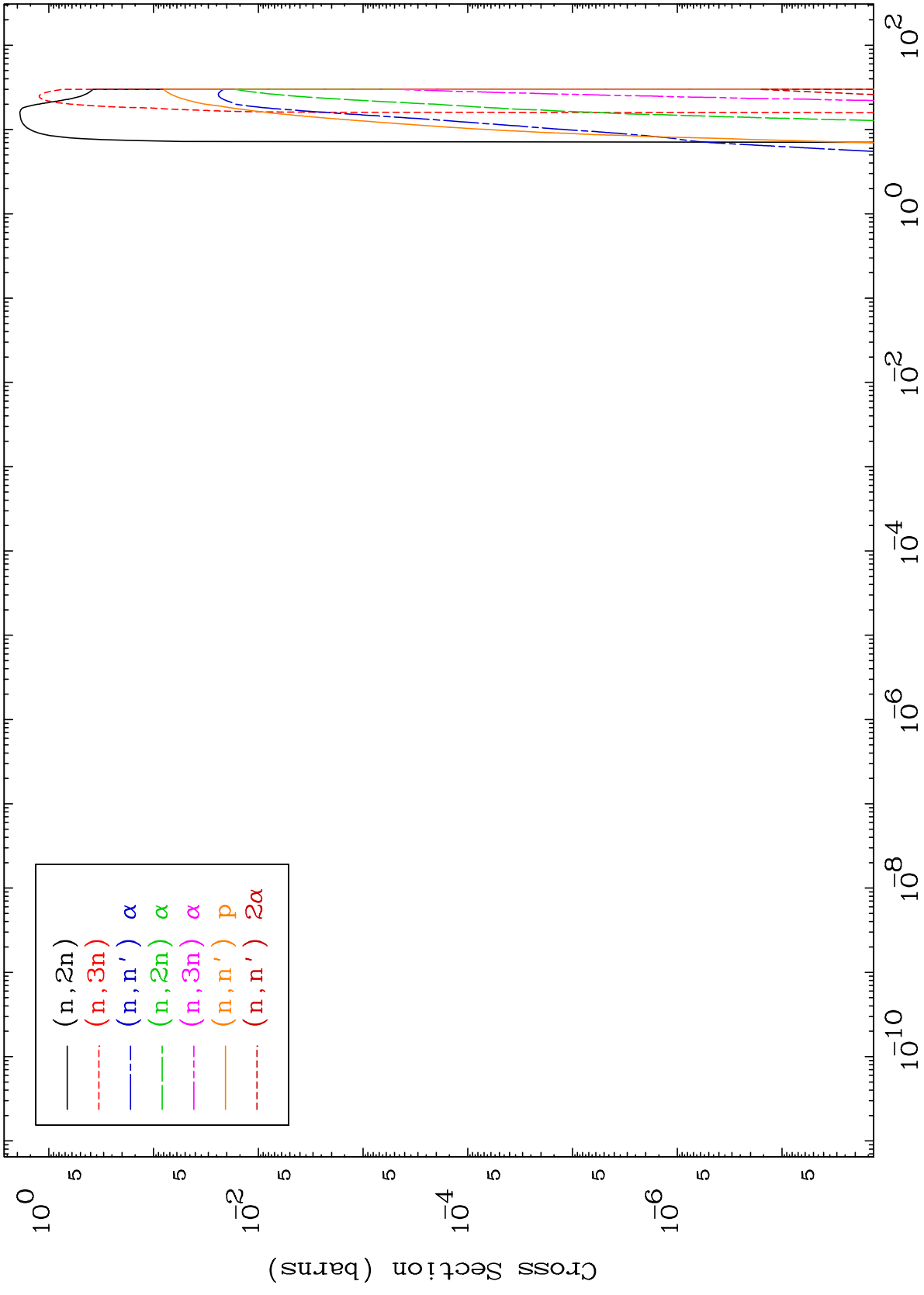
73-Ta-176



MAT 7313

Neutron Production
293 Kelvin Cross Sections

73-Ta-176

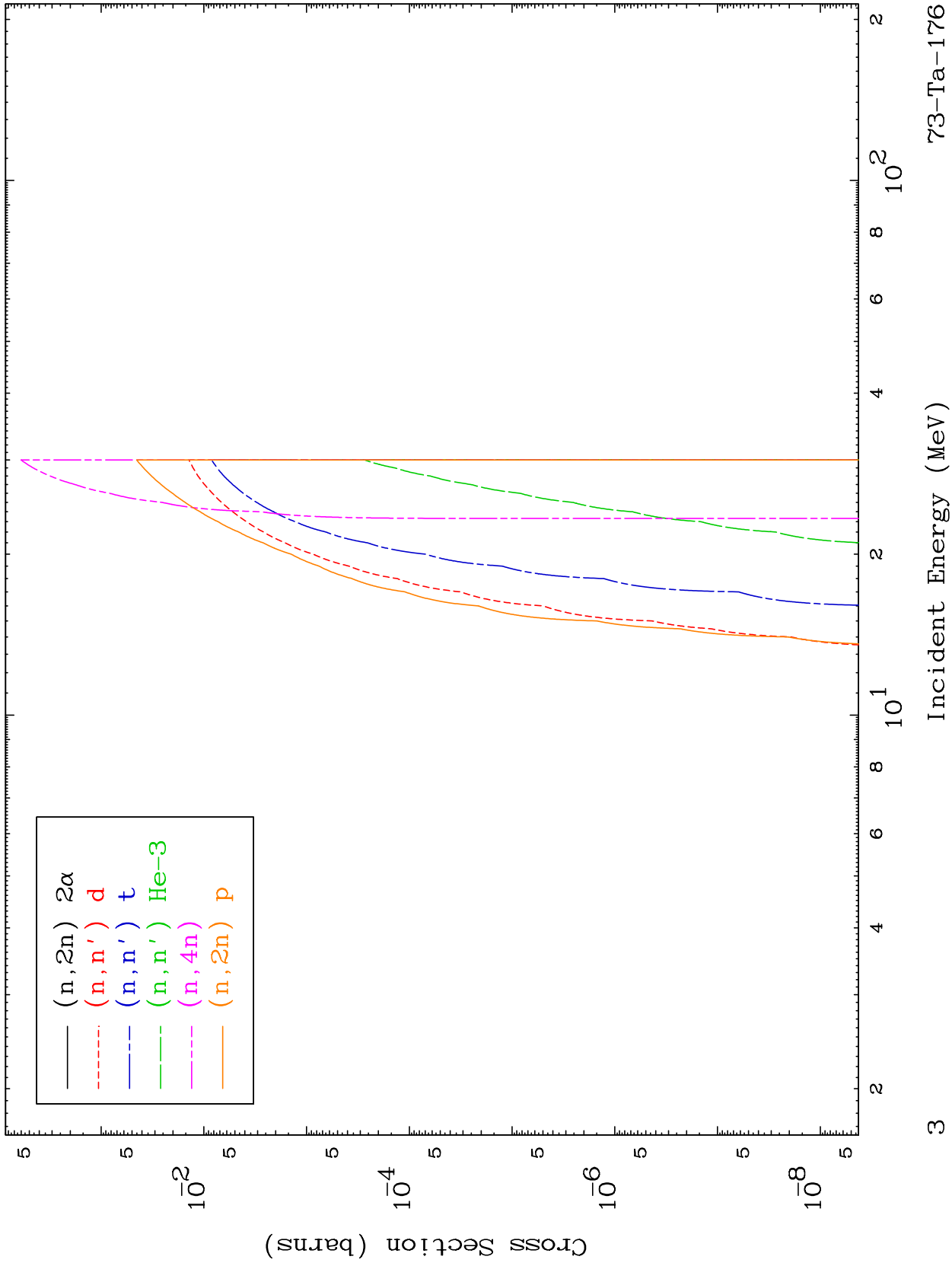


73-Ta-176

MAT 7313

Neutron Production
293 Kelvin Cross Sections

73-Ta-176



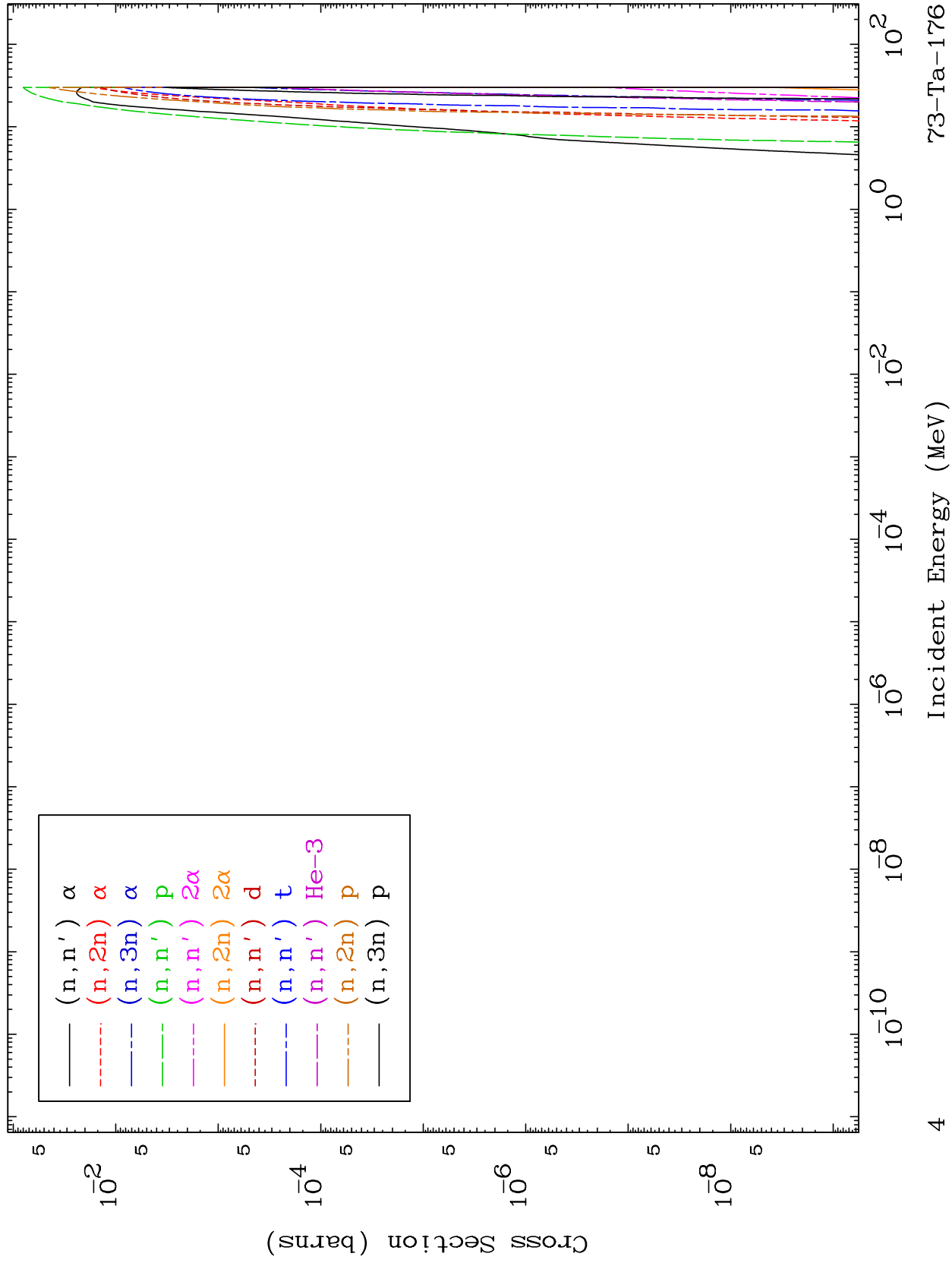
3

73-Ta-176

MAT 7313

293 Charged Particle
Kelvin Cross Sections

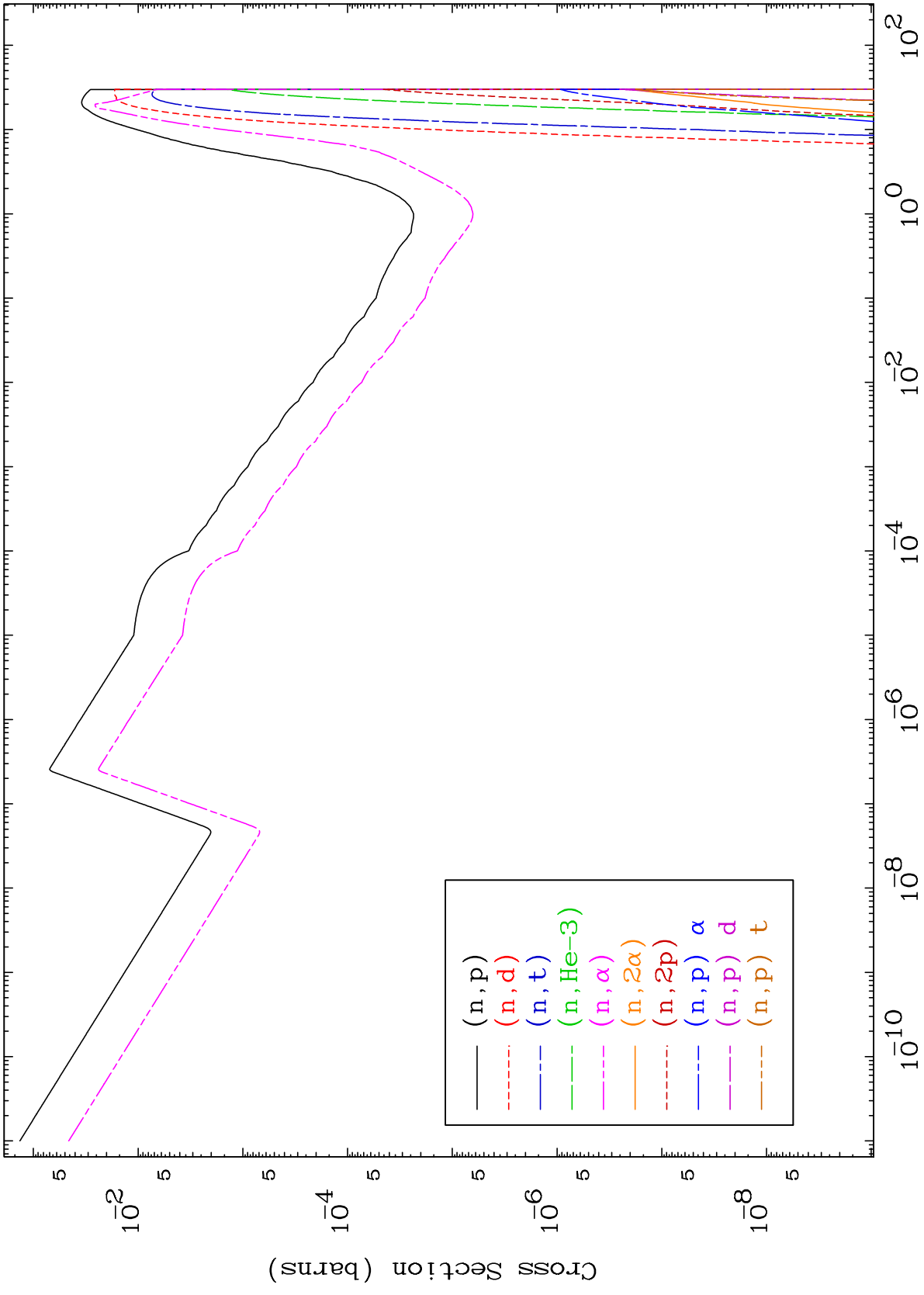
73-Ta-176



MAT 7313

293 Kelvin Cross Sections

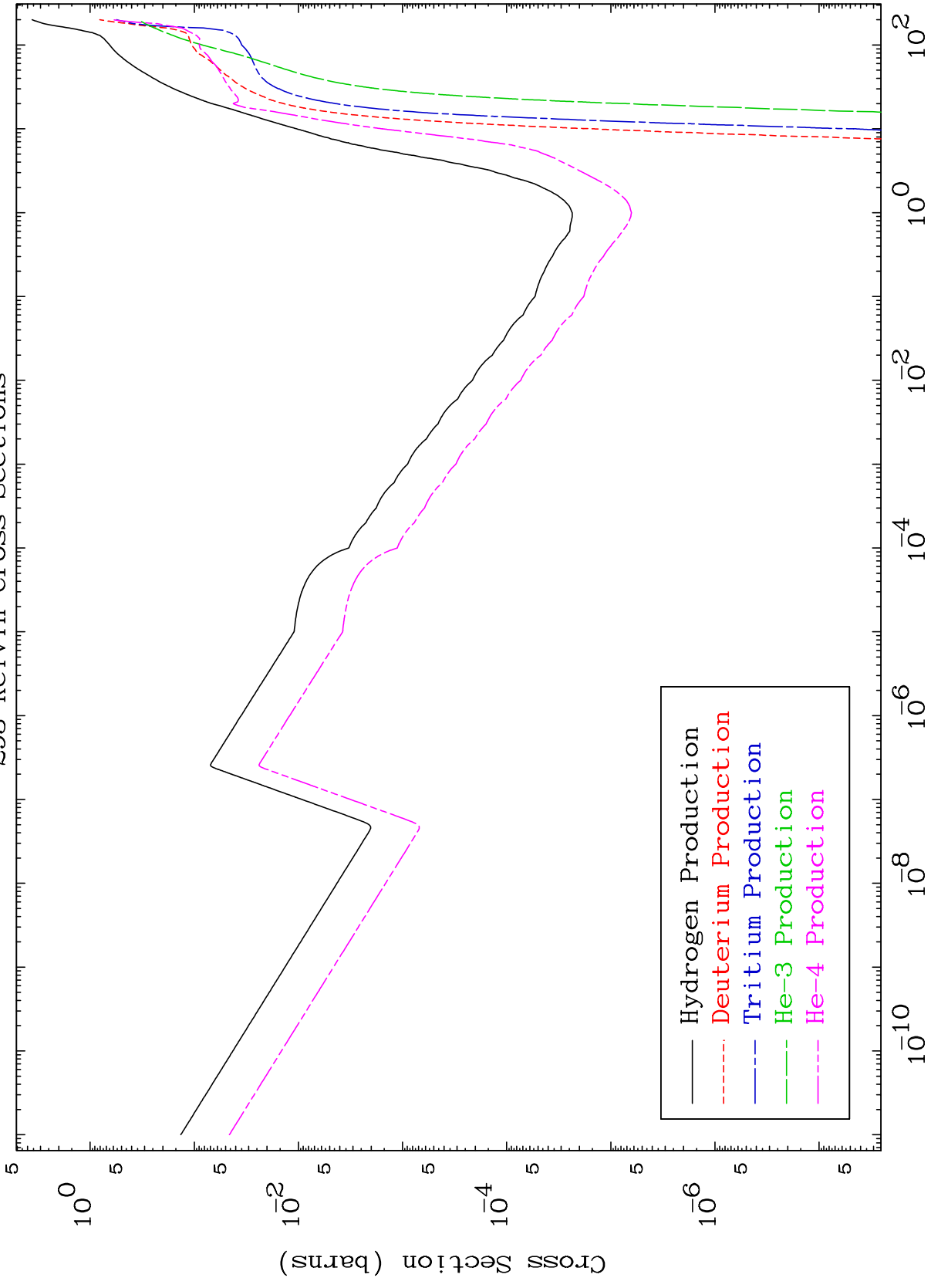
73-Ta-176



MAT 7313

Particle Production
293 Kelvin Cross Sections

73-Ta-176

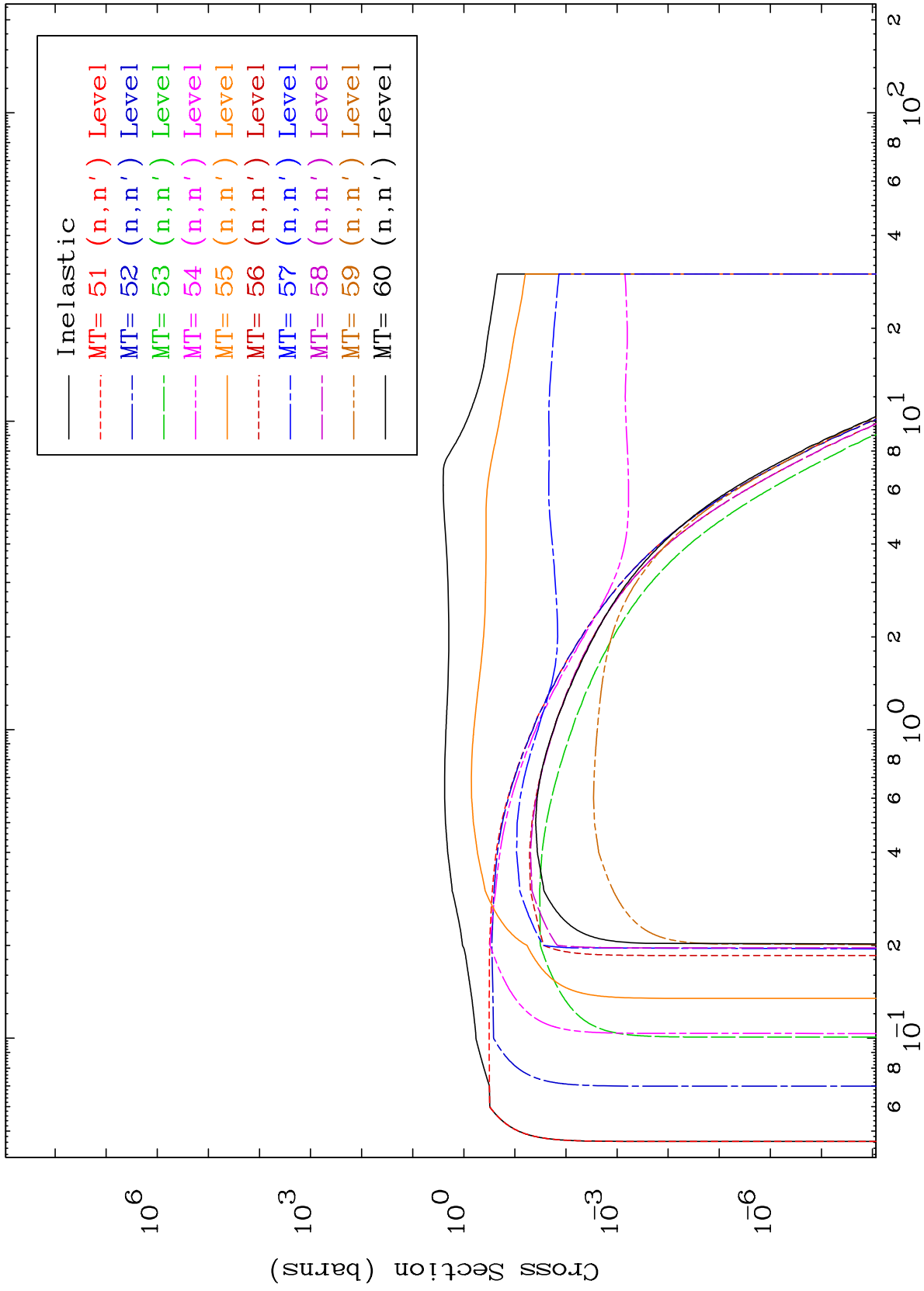


MAT 7313

(n,n') Level

73-Ta-176

293 Kelvin Cross Sections



7

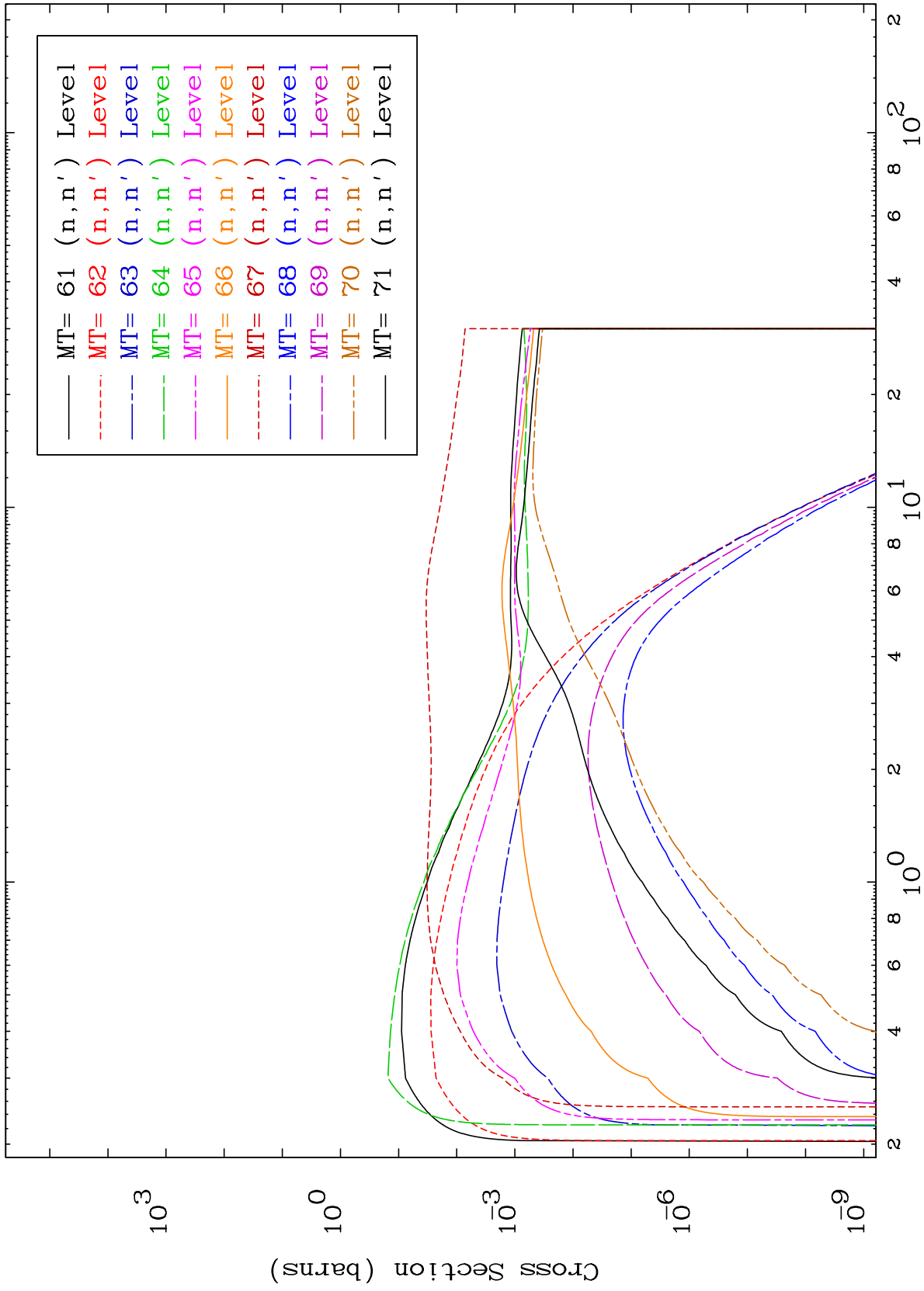
Incident Energy (MeV)

73-Ta-176

MAT 7313

(n,n') Level
293 Kelvin Cross Sections

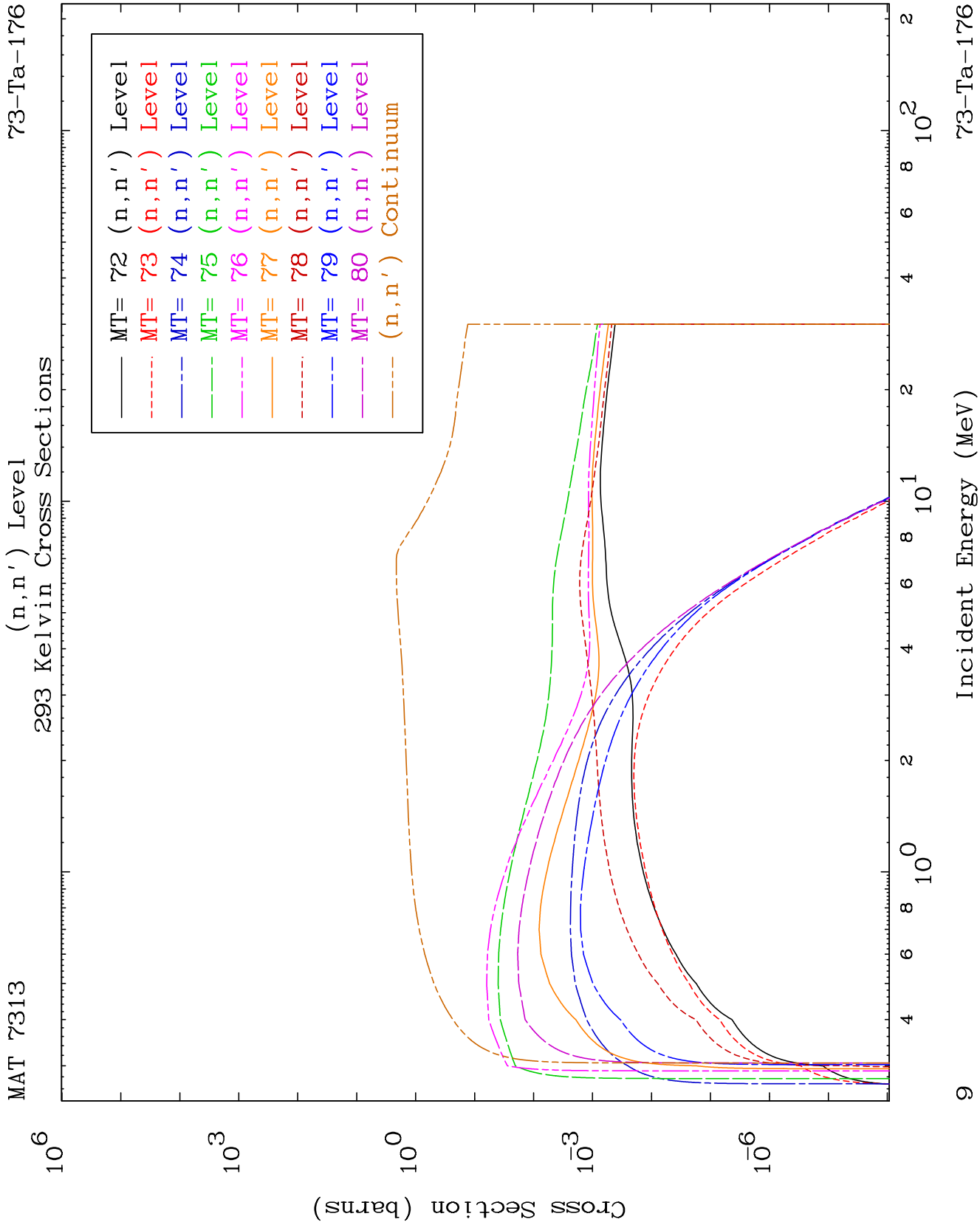
73-Ta-176



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Incident Energy (MeV)

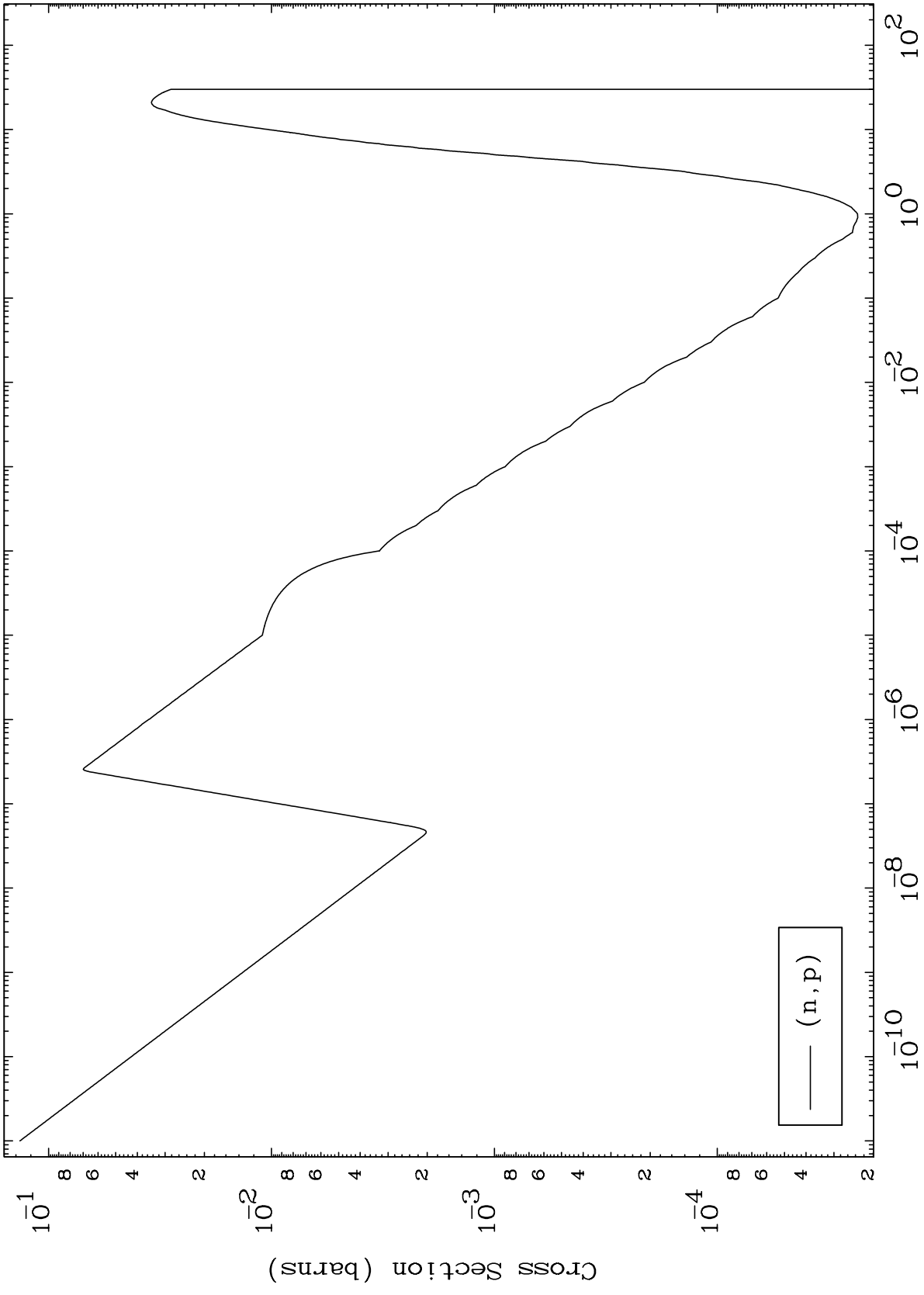
73-Ta-176



MAT 7313

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-176



10

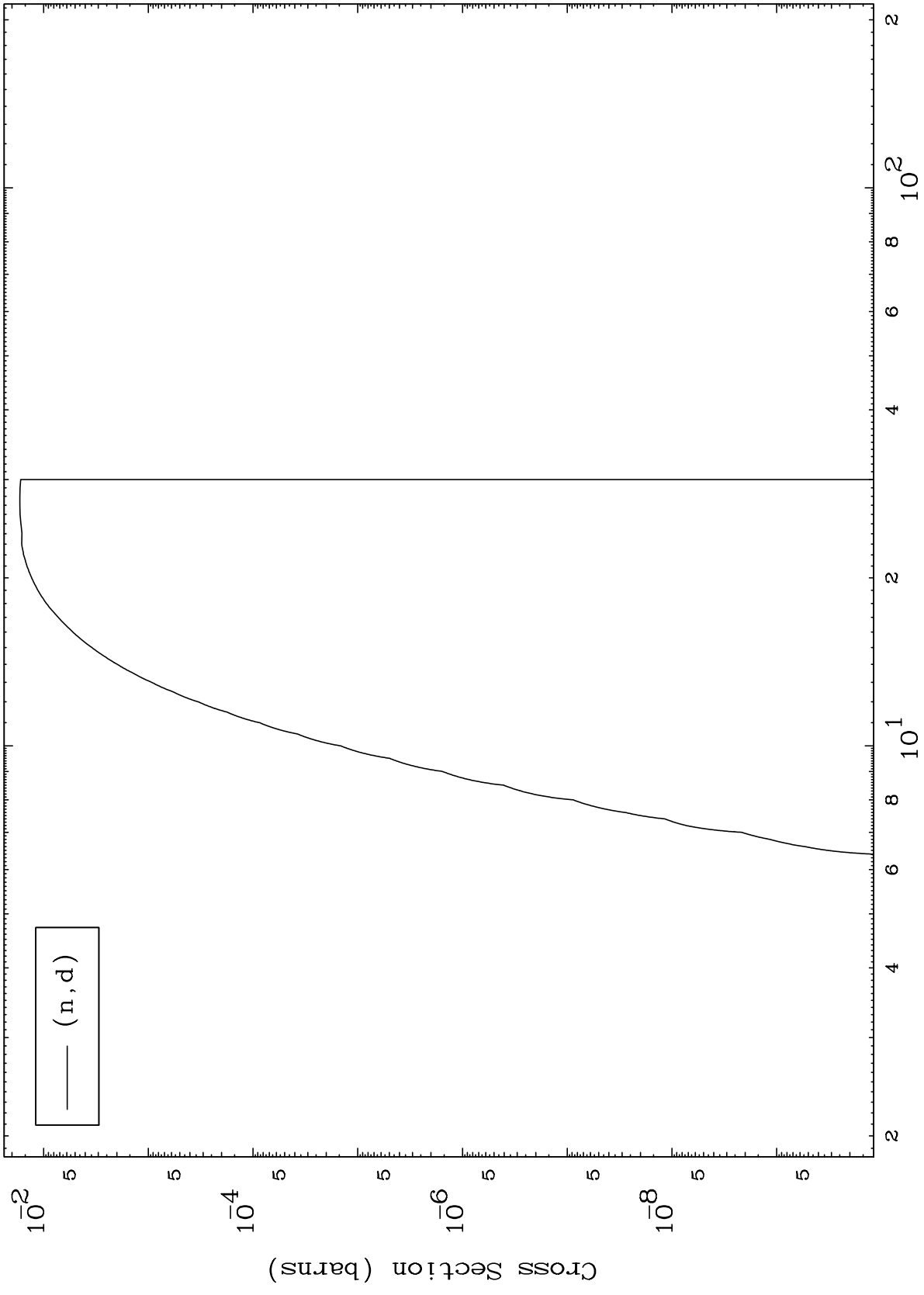
Incident Energy (MeV)

73-Ta-176

MAT 7313

(n,d) Levels
293 Kelvin Cross Sections

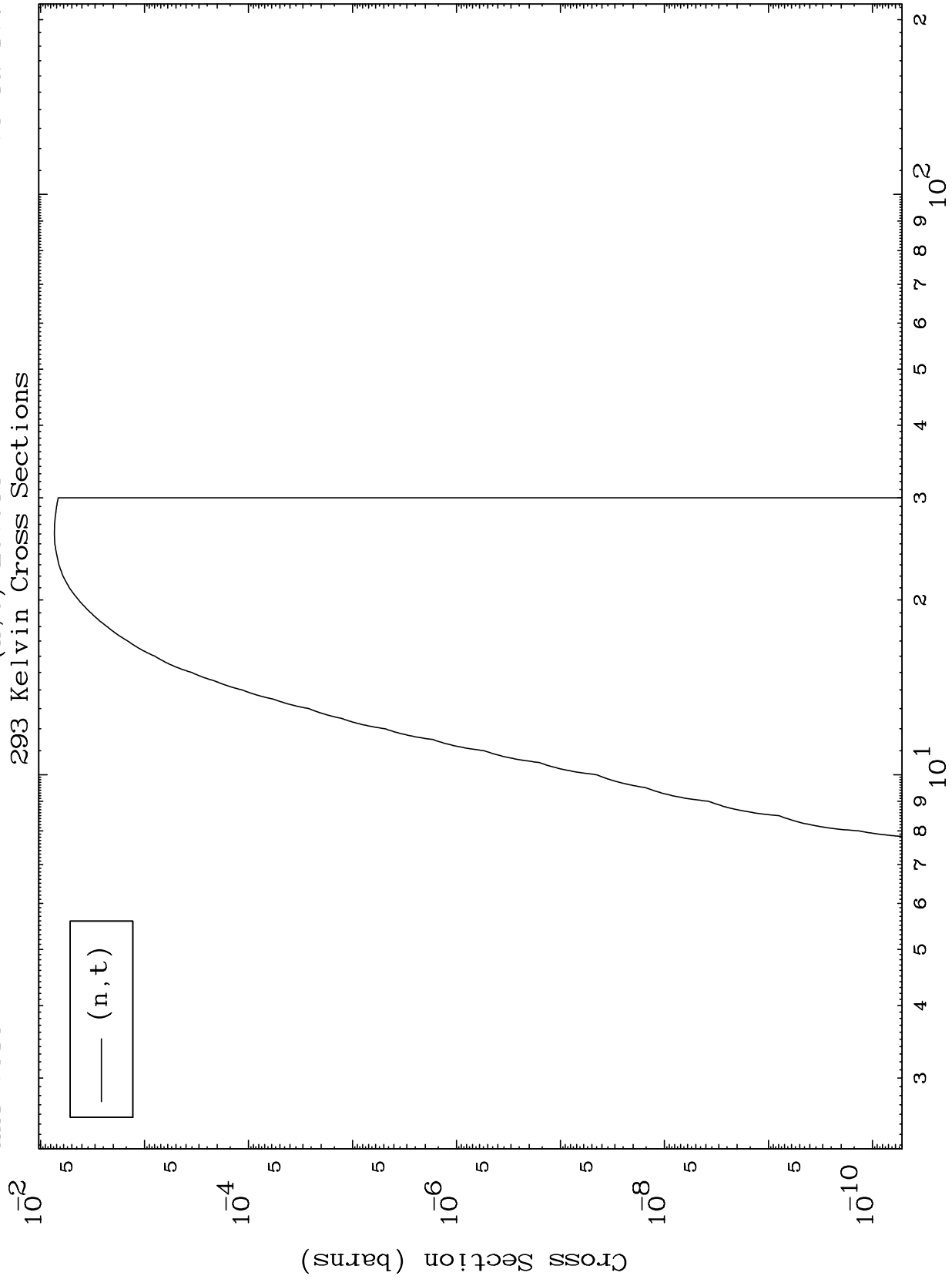
73-Ta-176



MAT 7313

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-176



12

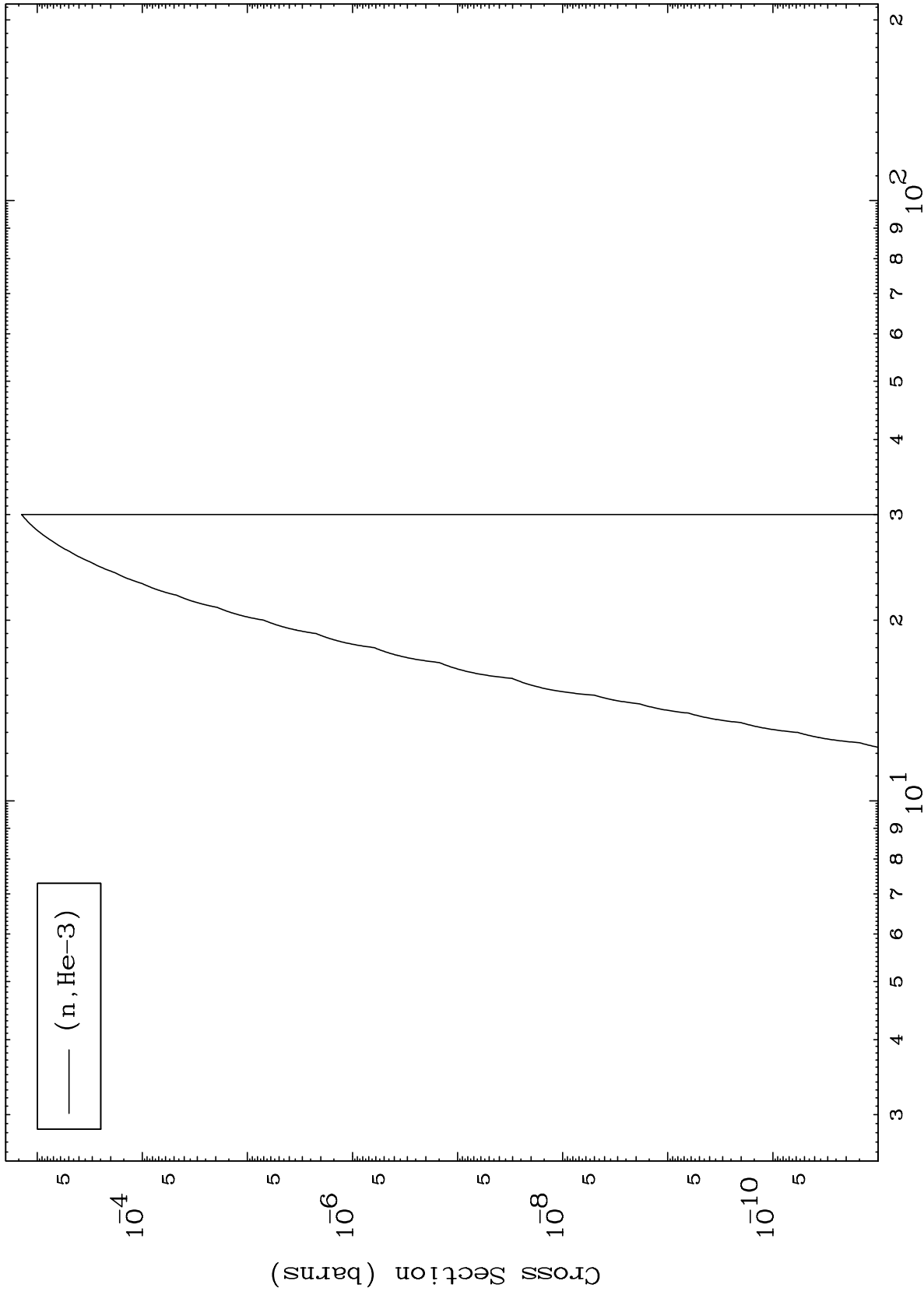
Incident Energy (MeV)

73-Ta-176

MAT 7313

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-176



13

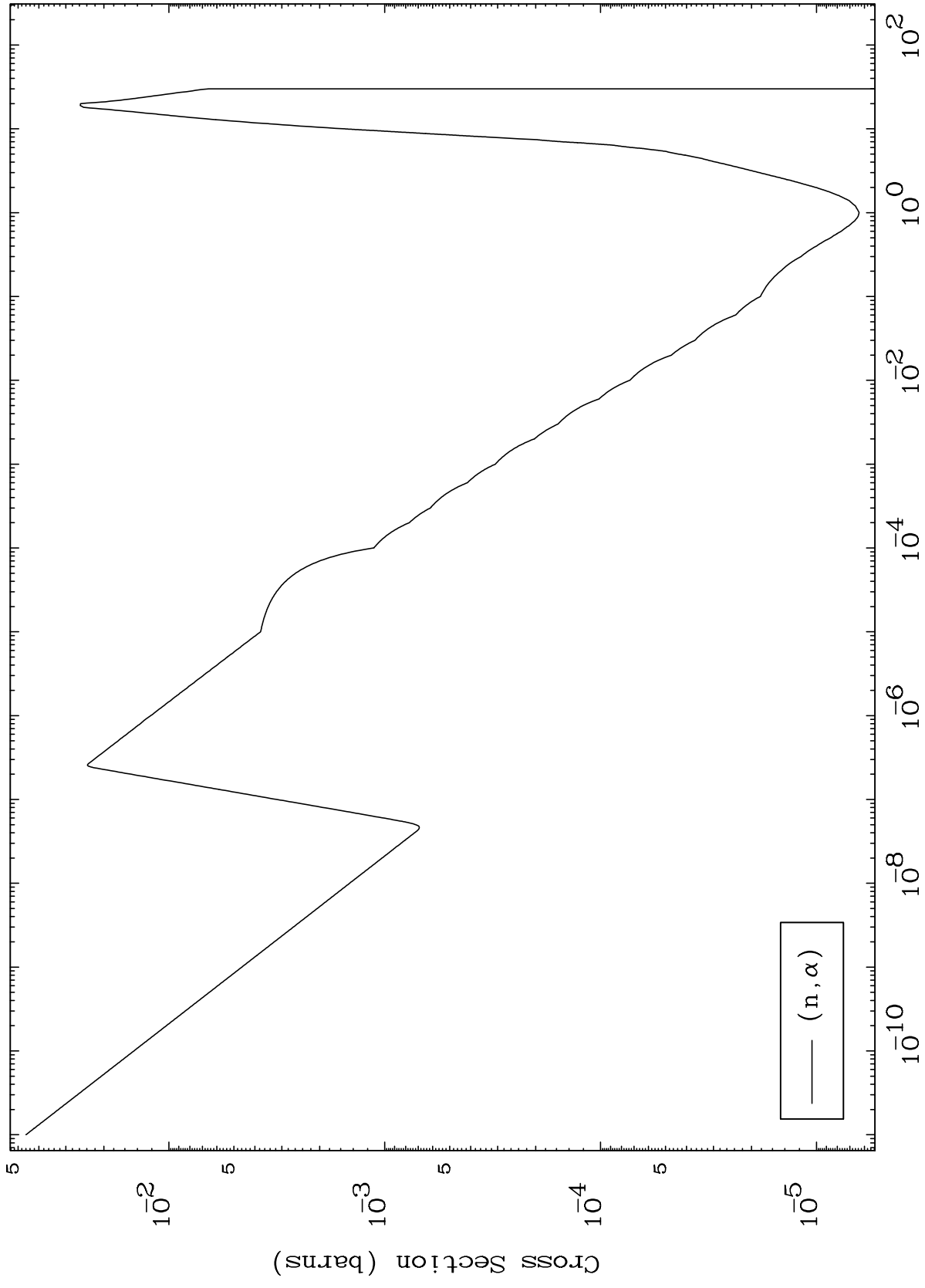
Incident Energy (MeV)

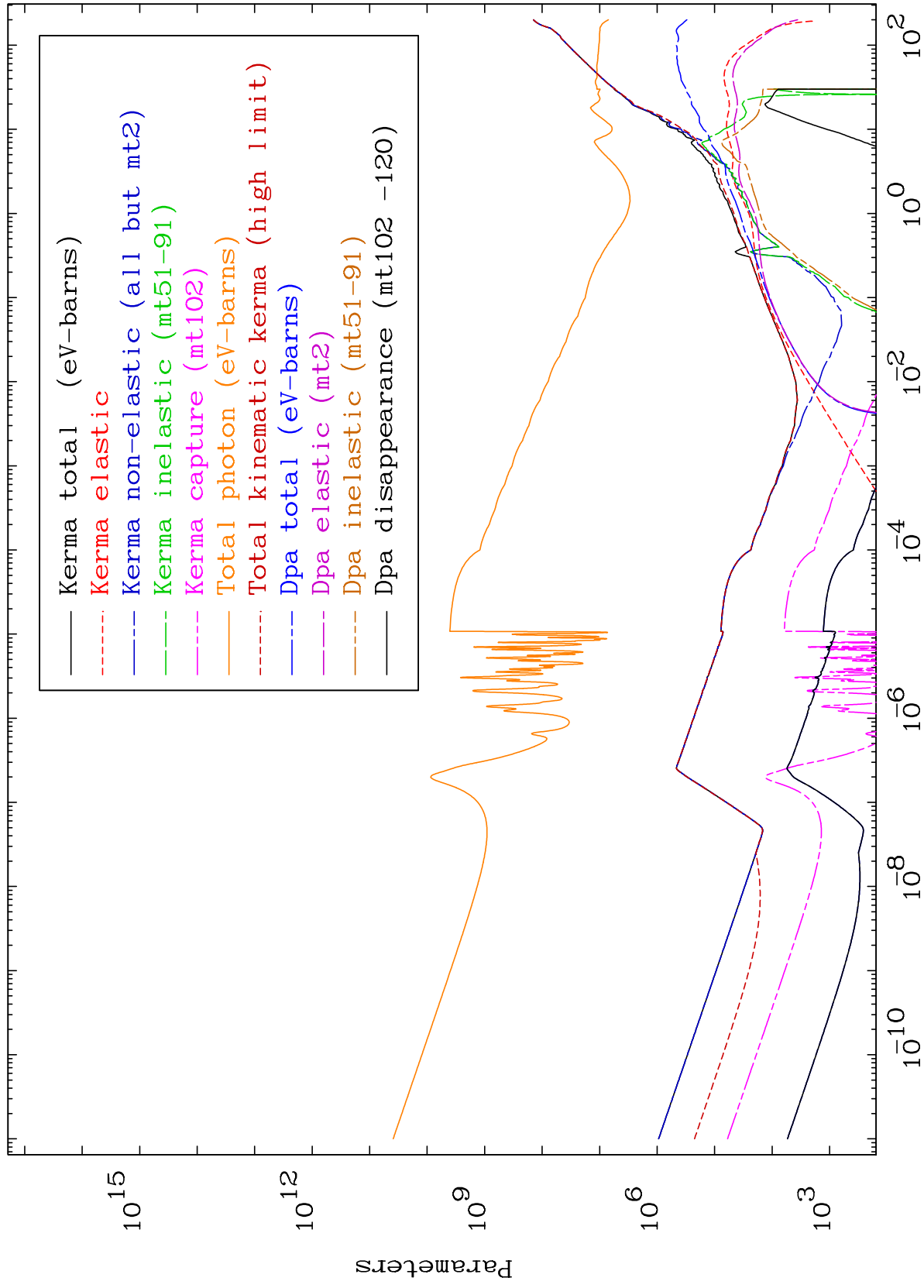
73-Ta-176

MAT 7313

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-176

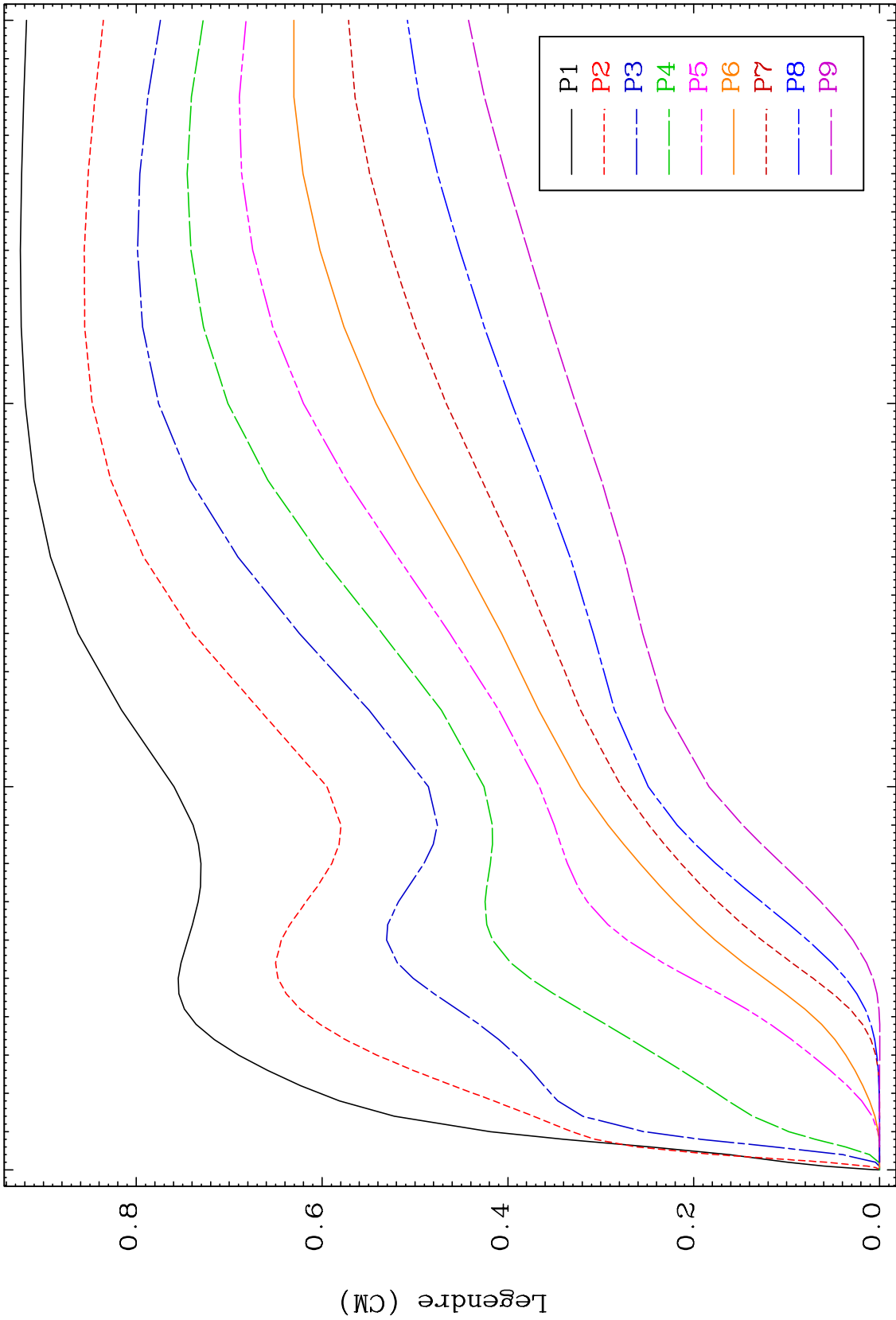




MAT 7313

Elastic Legendre Coefficients

⁷³Ta-¹⁷⁶



16

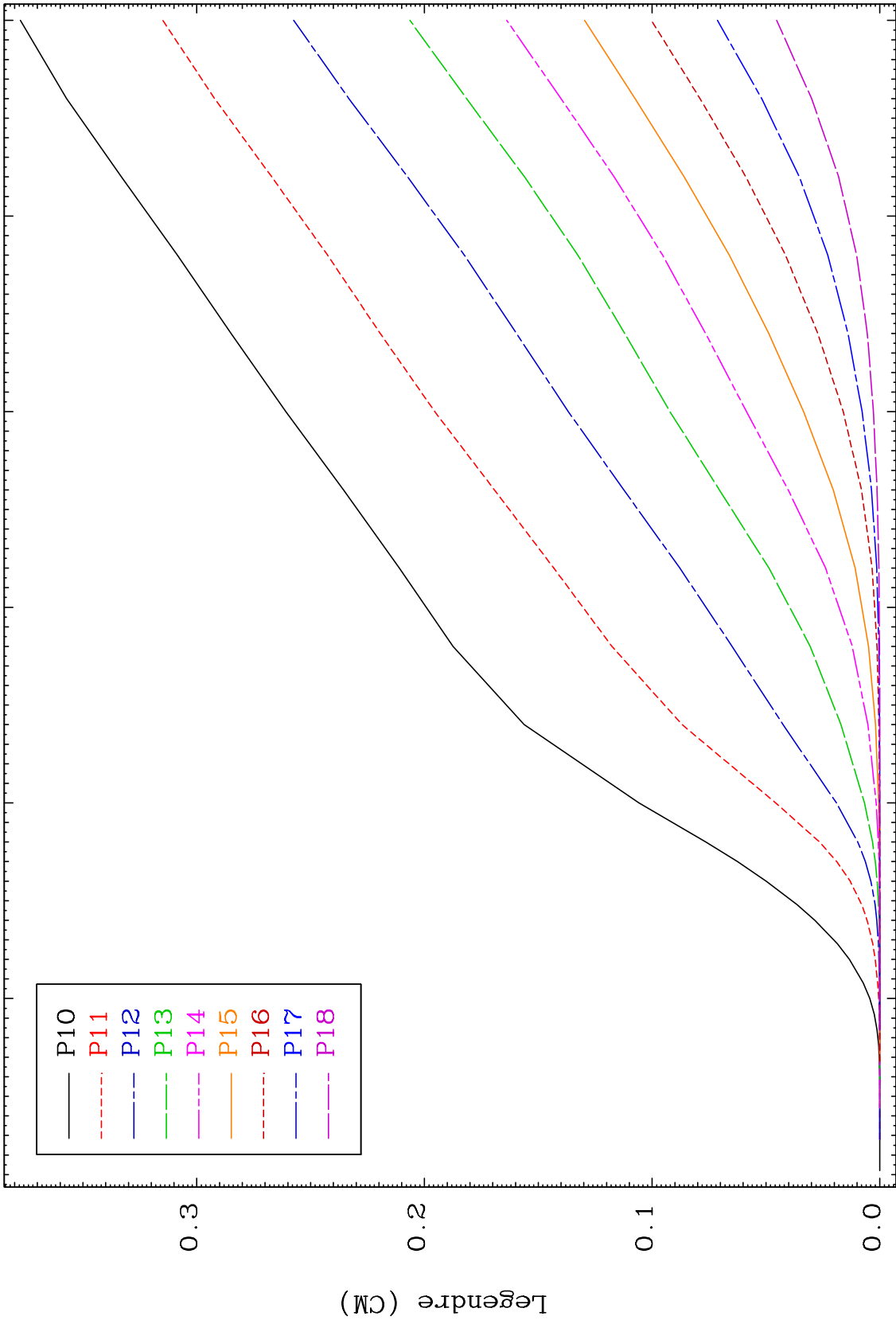
Incident Energy (MeV)

⁷³Ta-¹⁷⁶

MAT 7313

Elastic Legendre Coefficients

⁷³Ta-¹⁷⁶



17

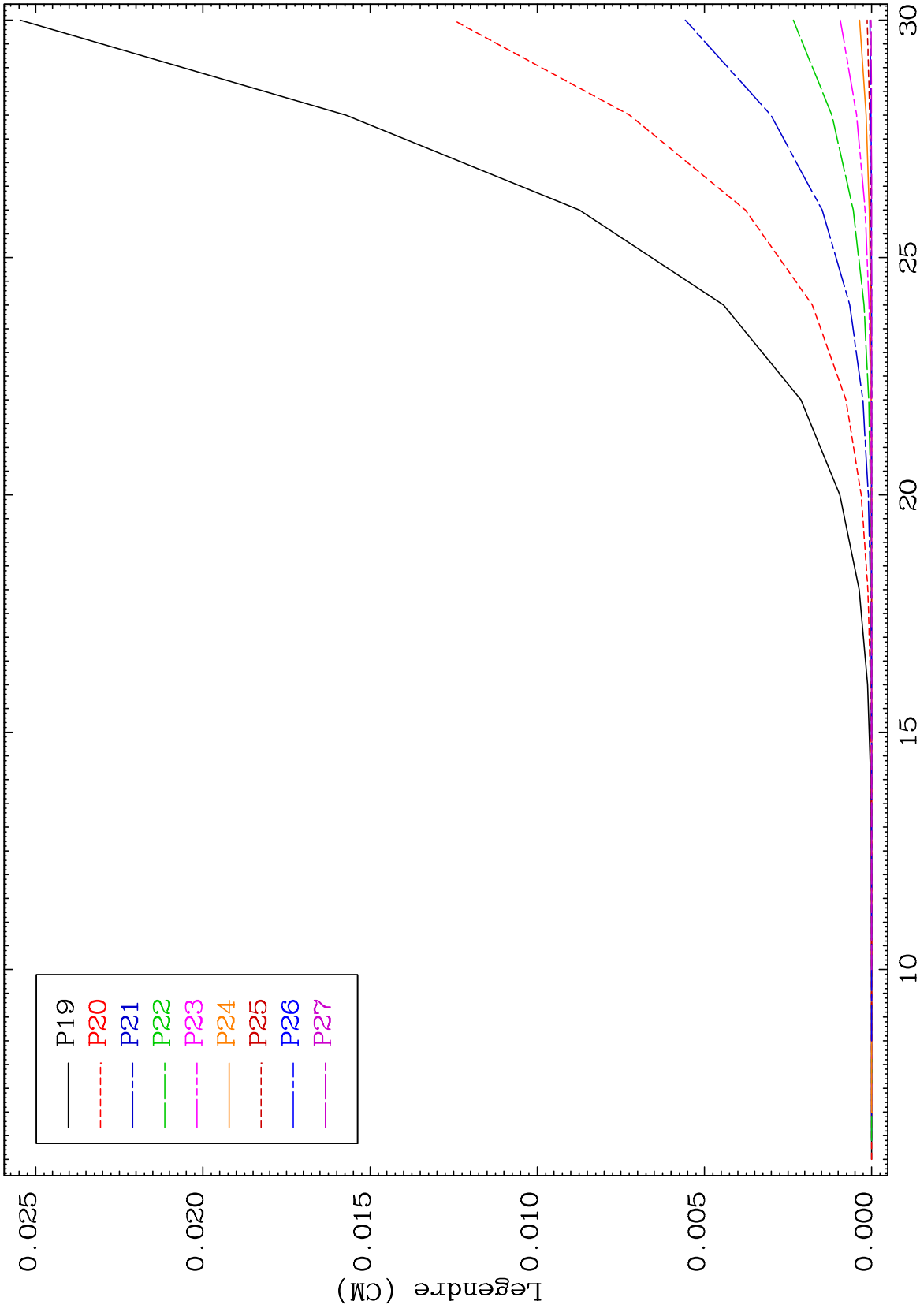
Incident Energy (MeV)

⁷³Ta-¹⁷⁶

MAT 7313

Elastic Legendre Coefficients

⁷³Ta-176



18

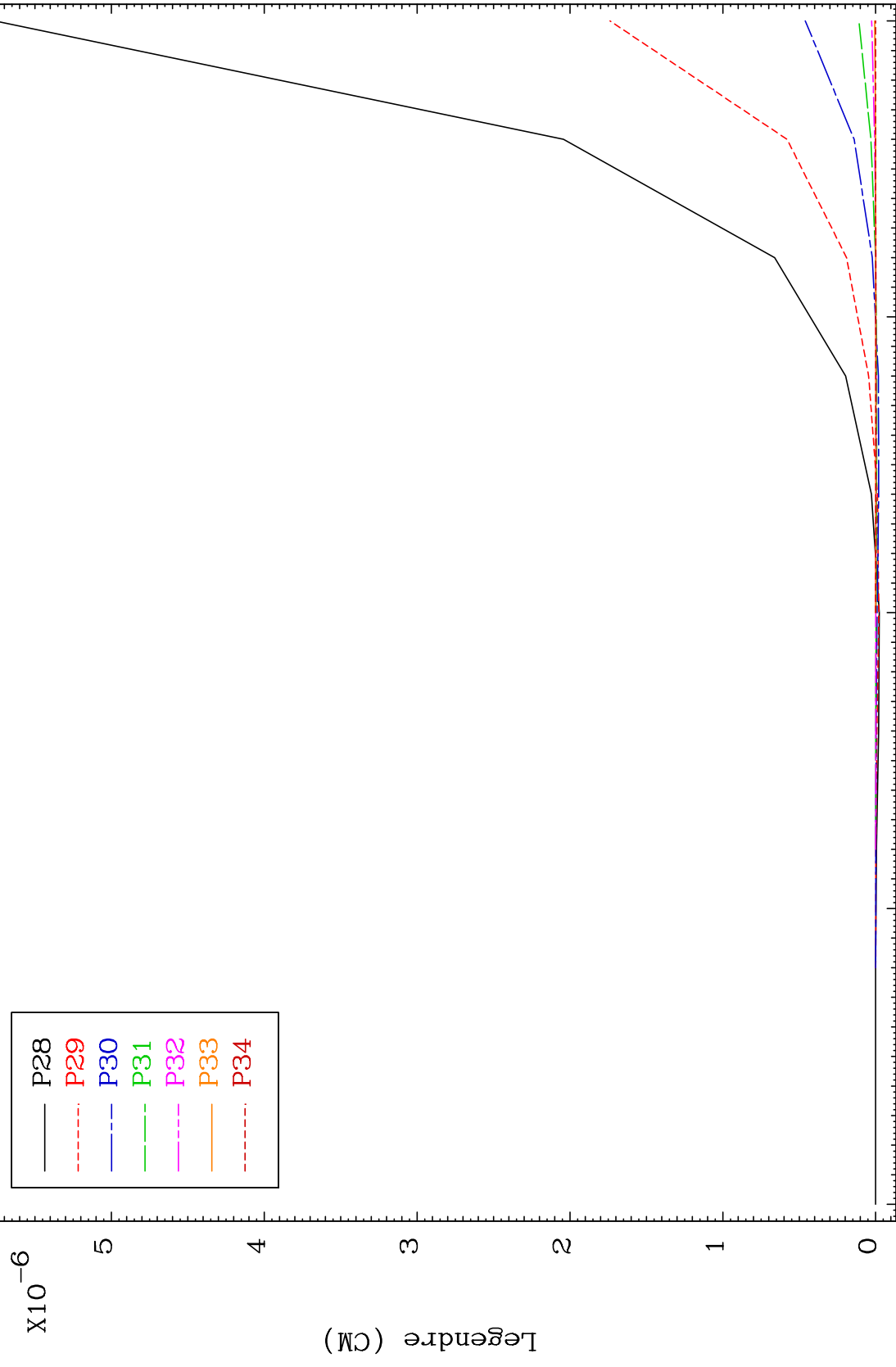
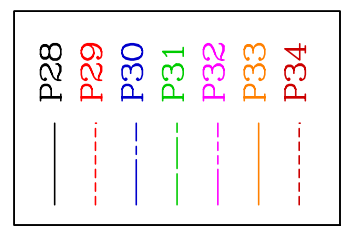
Incident Energy (MeV)

⁷³Ta-176

MAT 7313

Elastic Legendre Coefficients

⁷³Ta-176



19

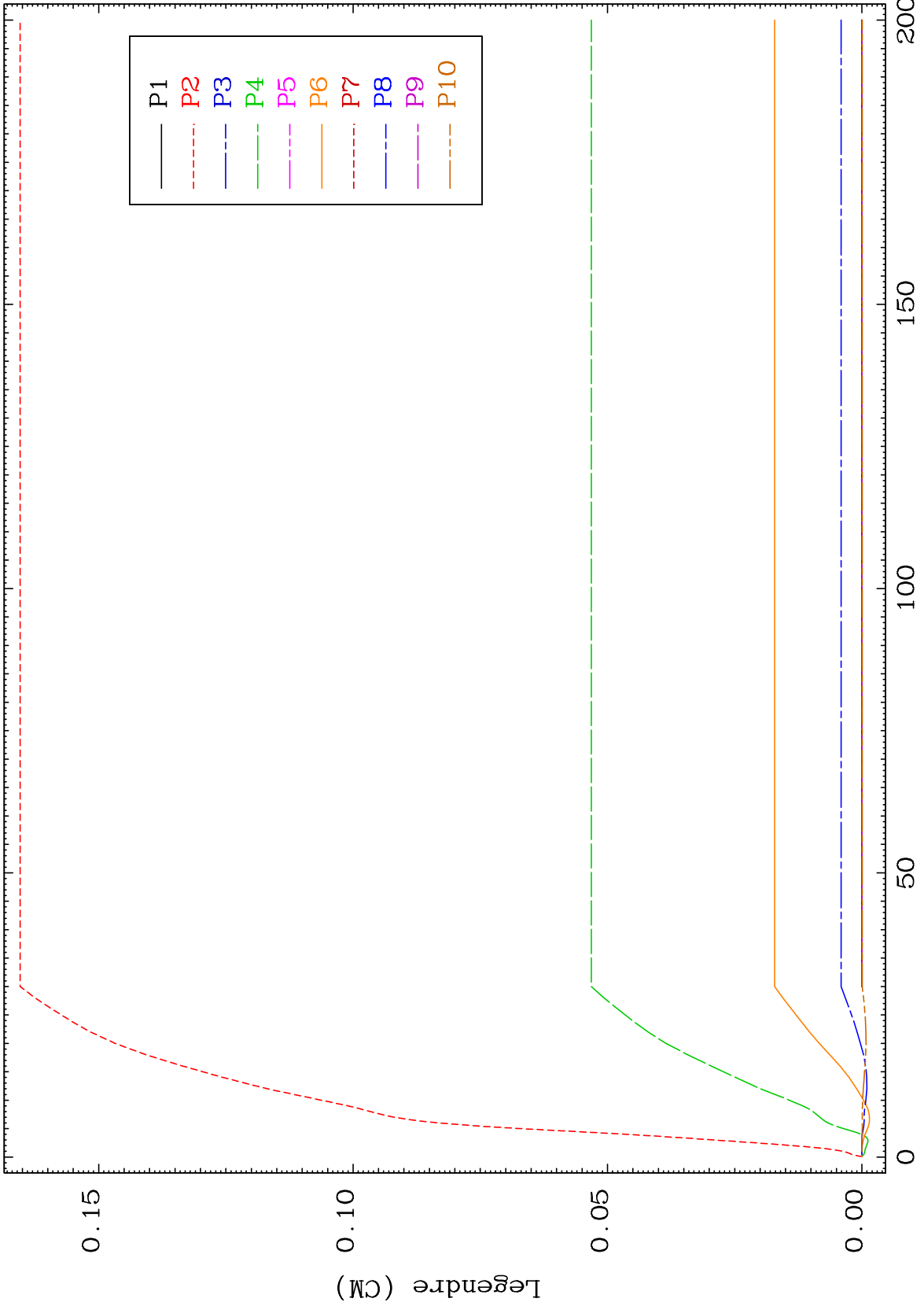
Incident Energy (MeV)

⁷³Ta-176

MAT 7313

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

73-Ta-176



73-Ta-176

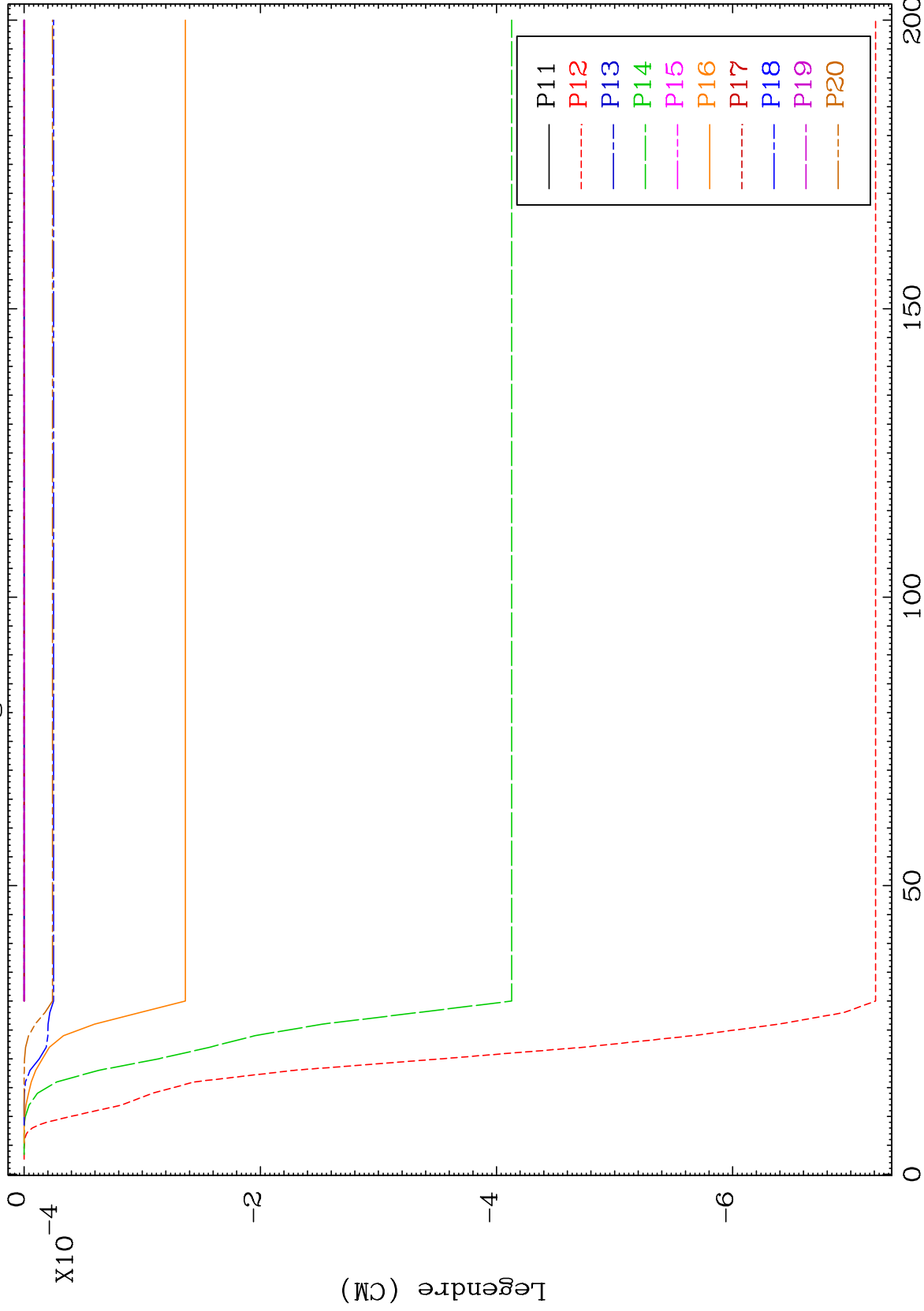
Incident Energy (MeV)

20

MAT 7313

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

73-Ta-176



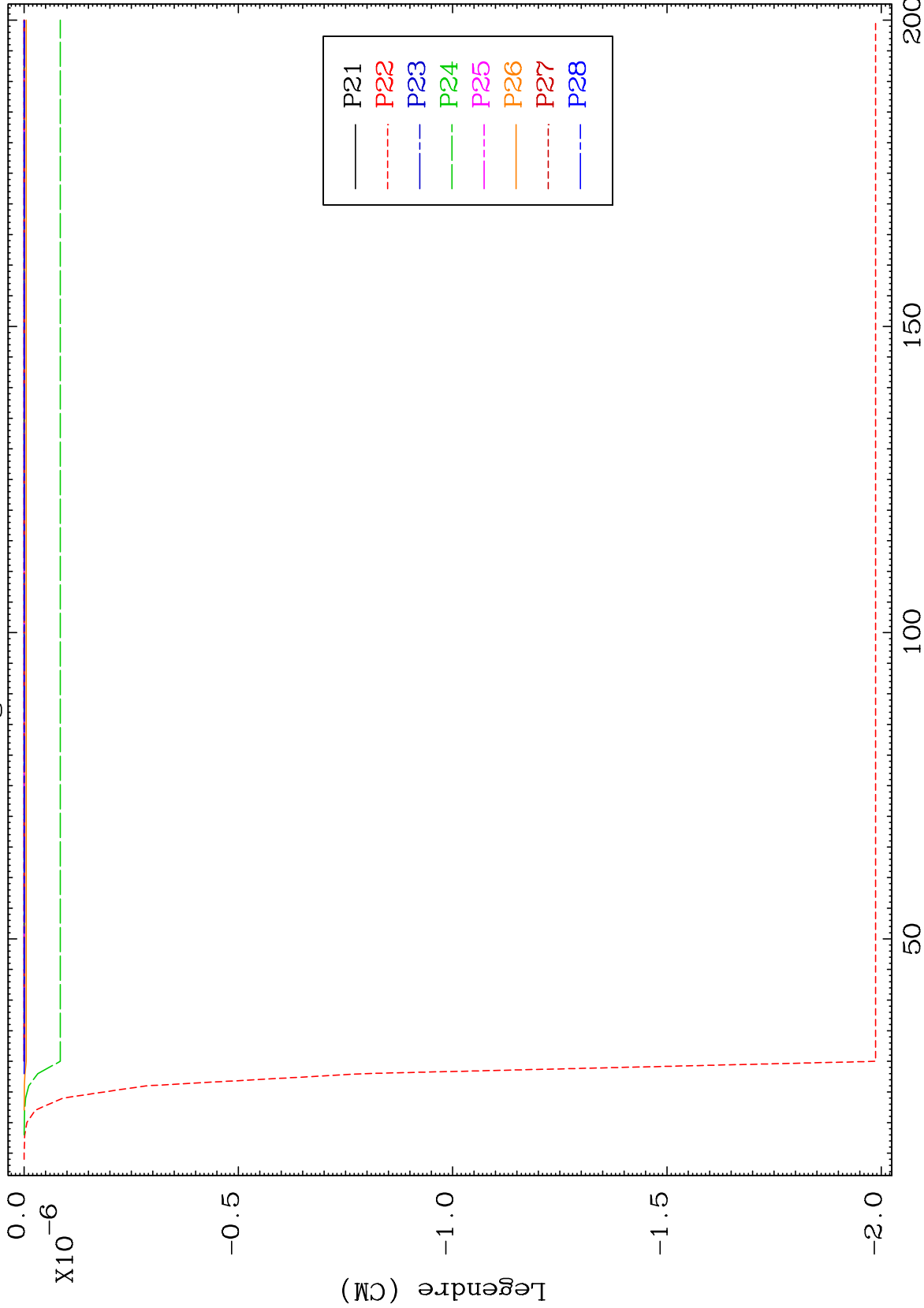
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73-Ta-176

MAT 7313

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

73-Ta-176



22

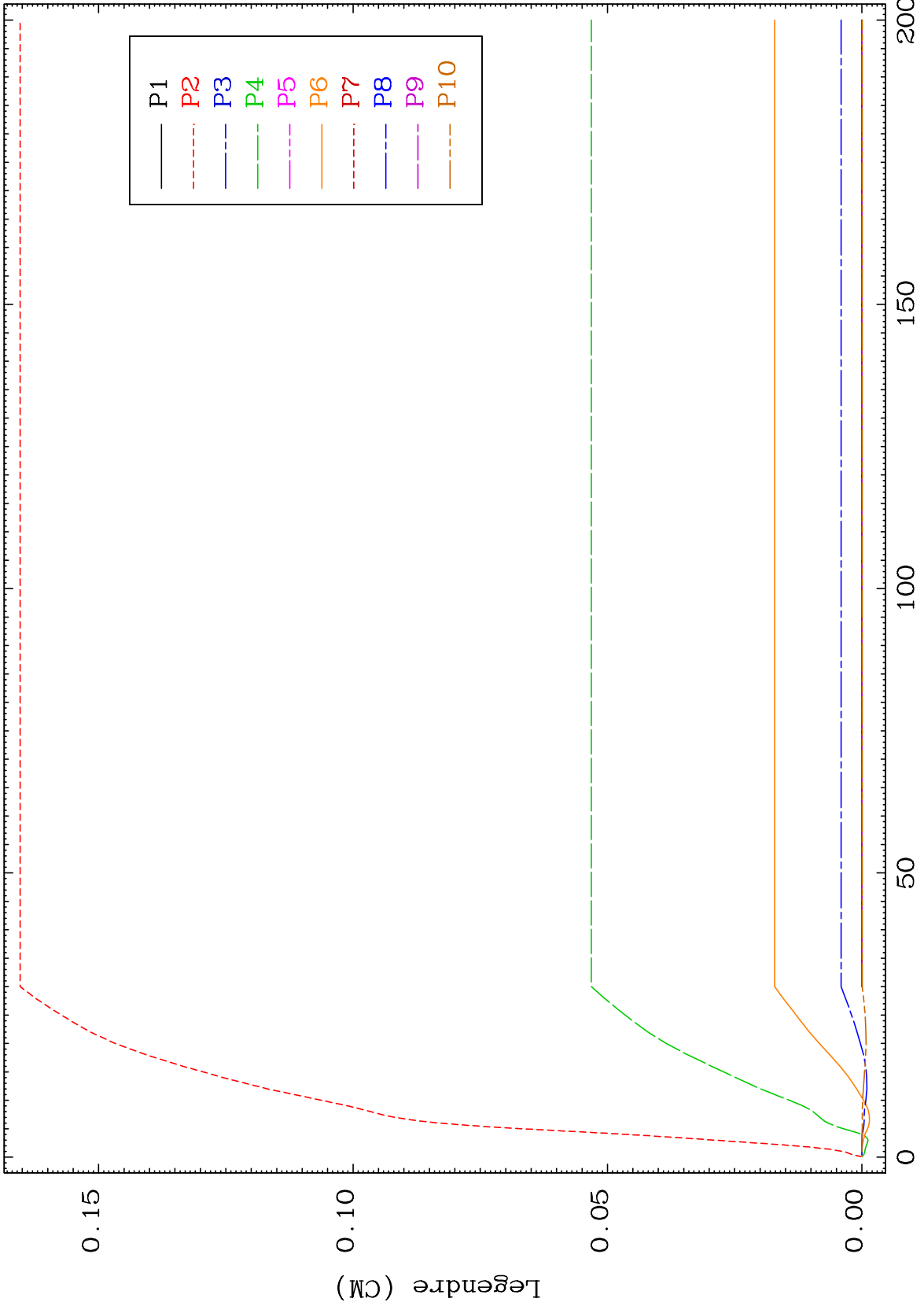
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



23

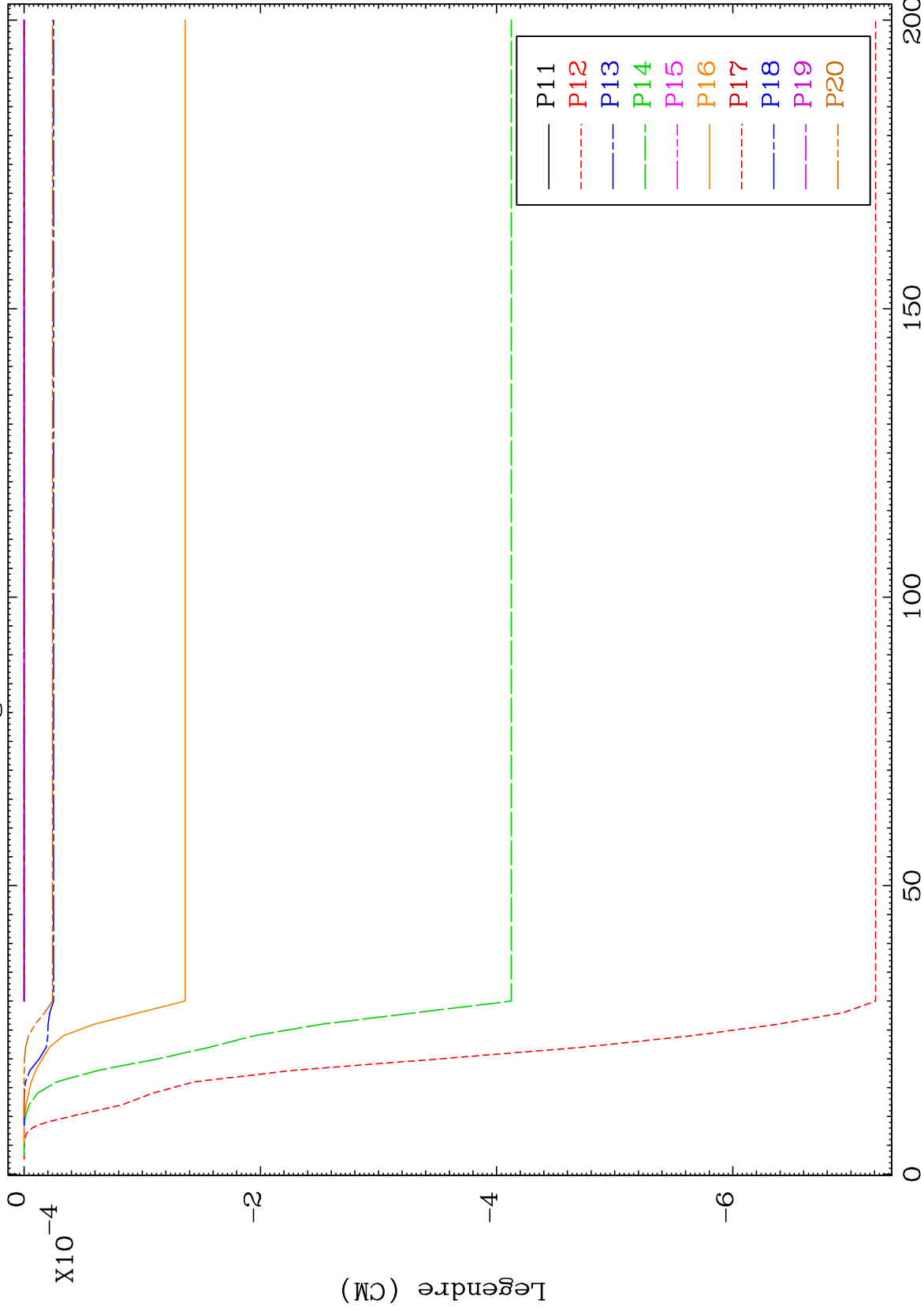
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



24

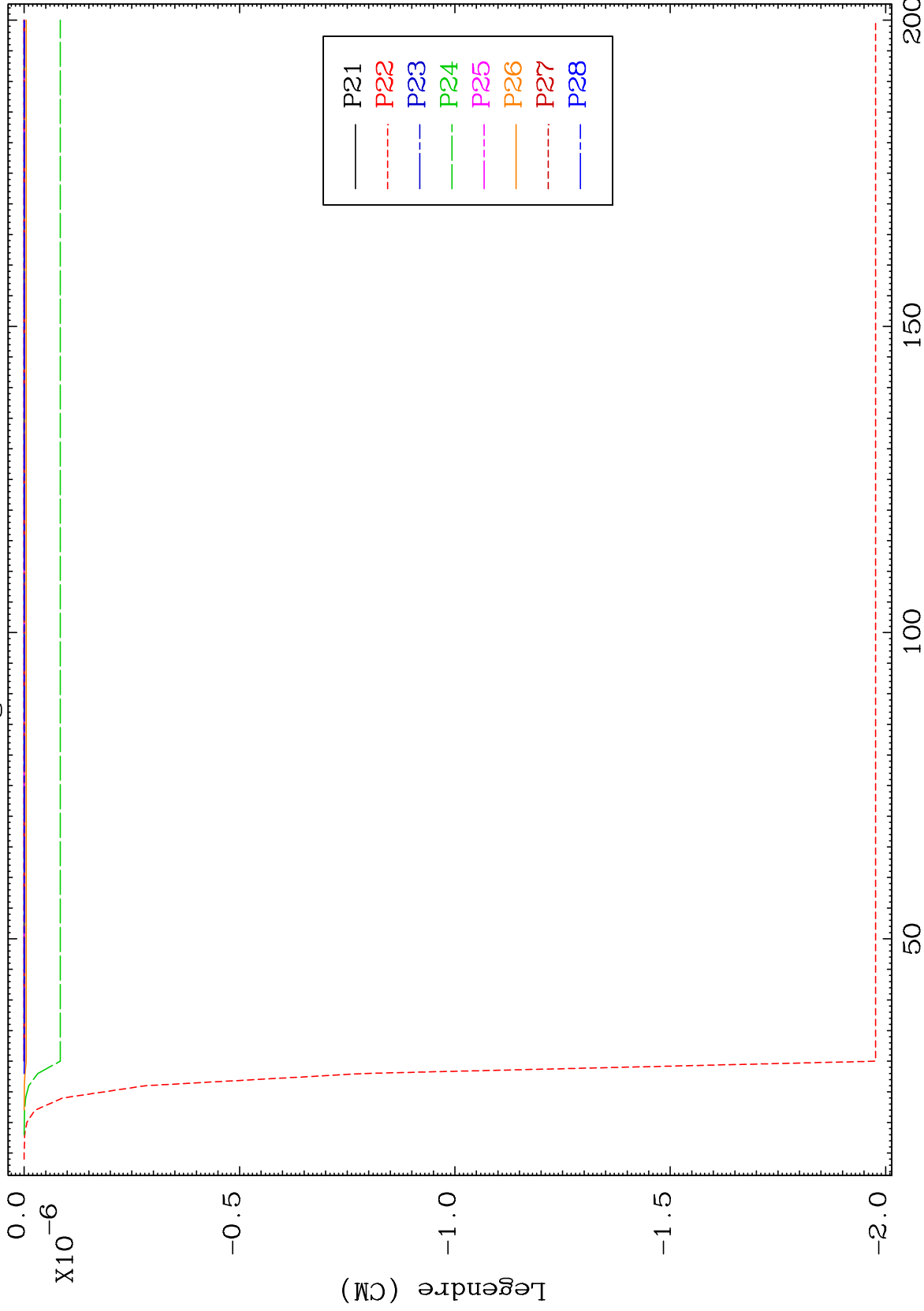
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



25

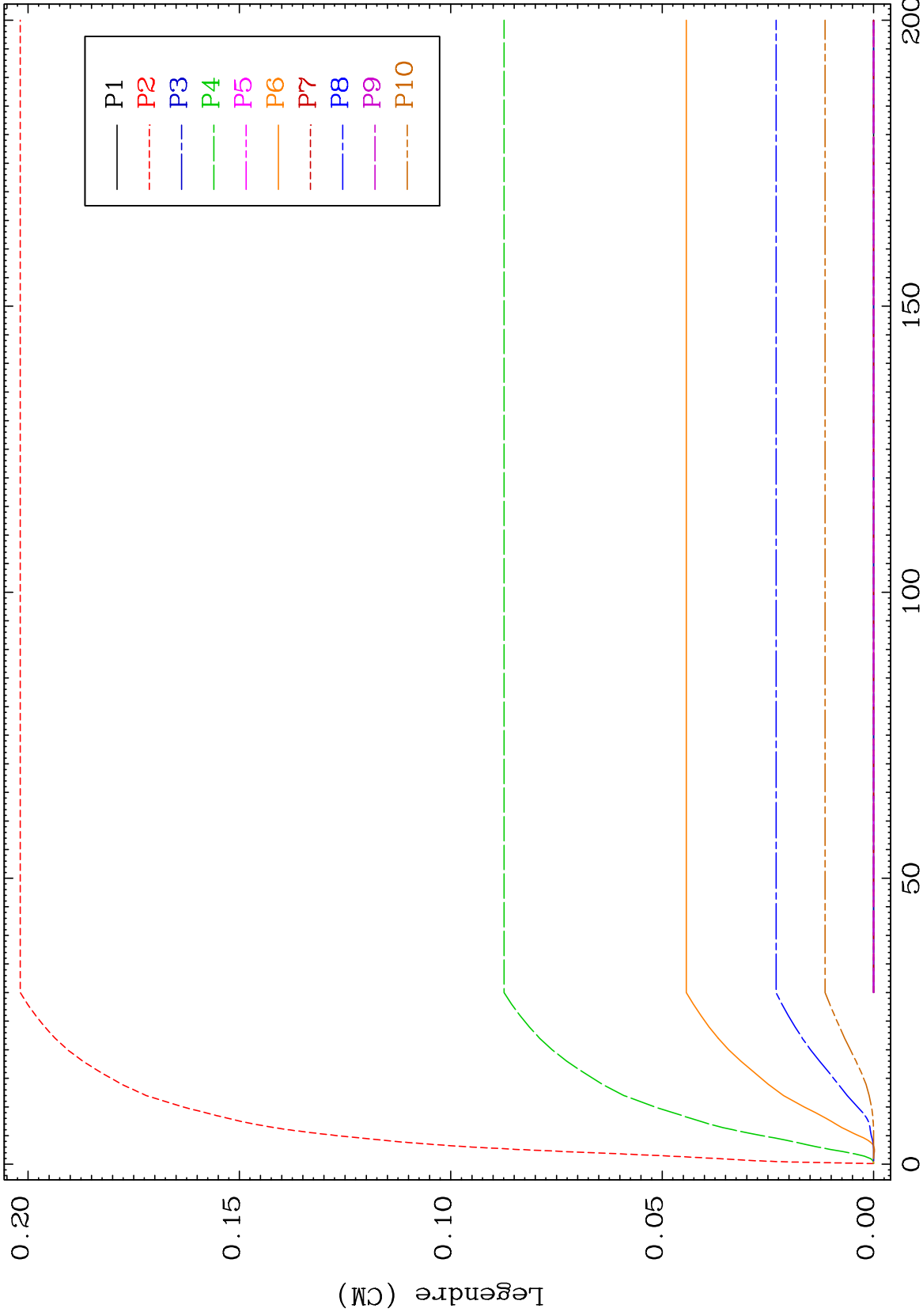
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



26

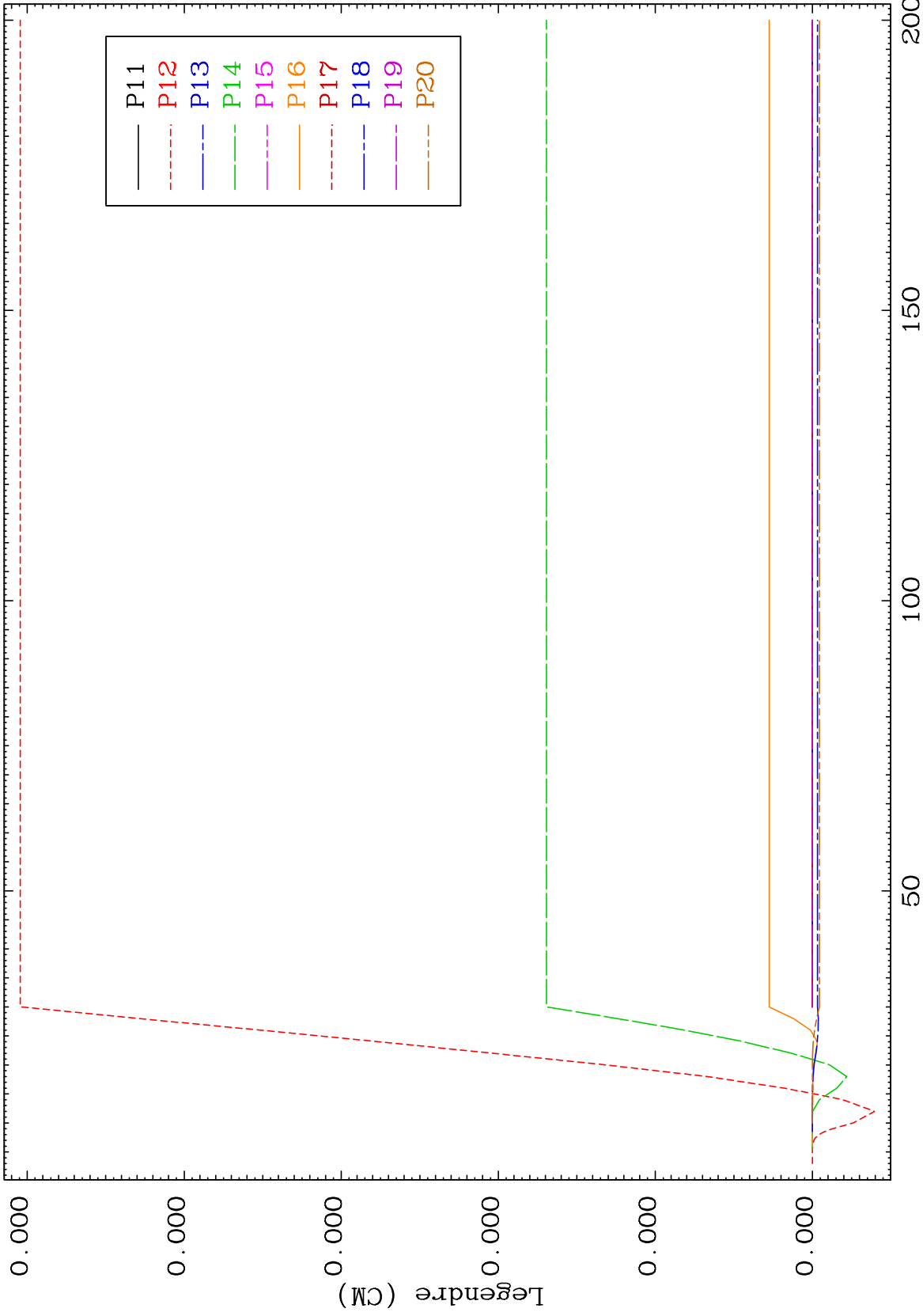
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



27

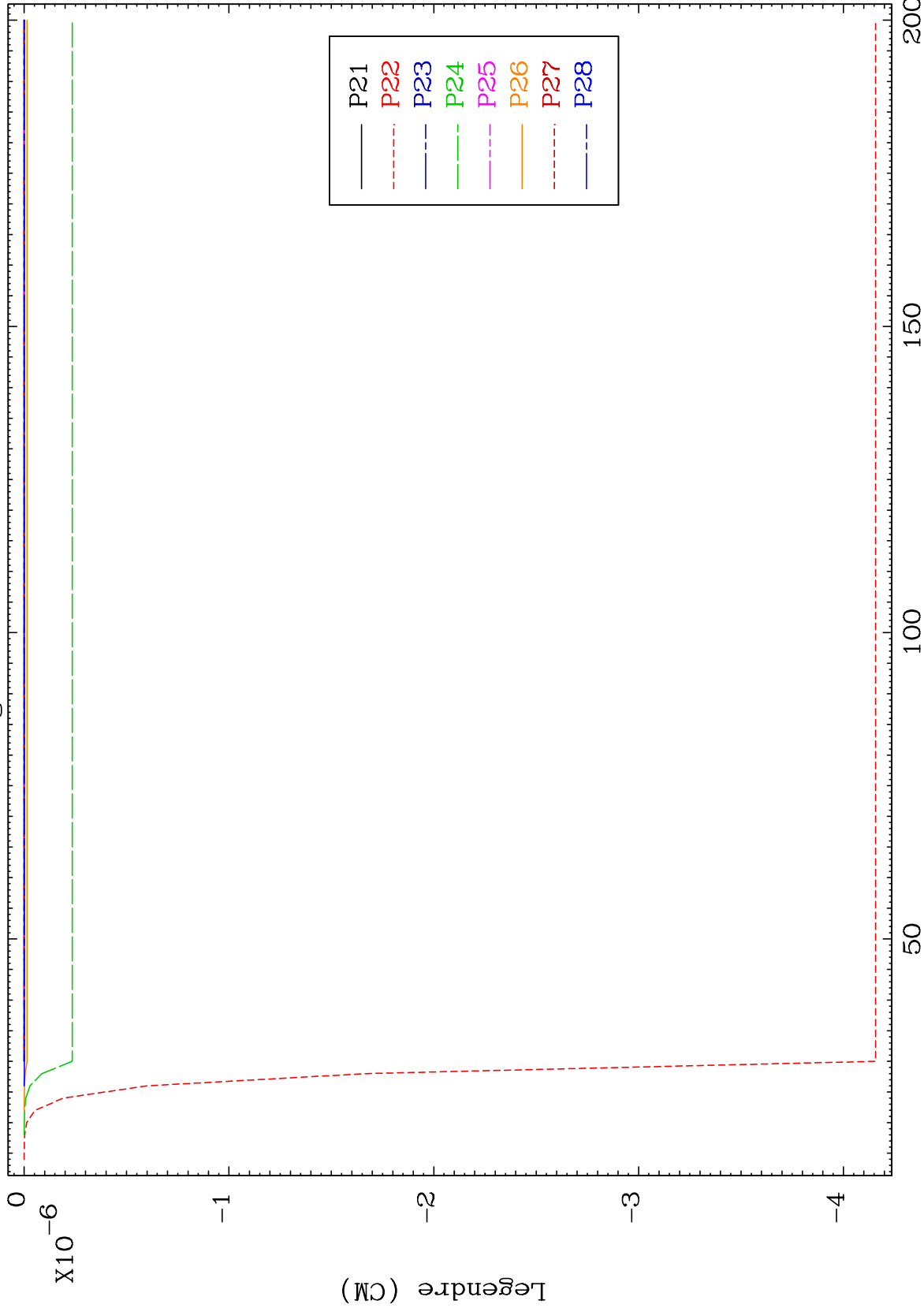
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



28

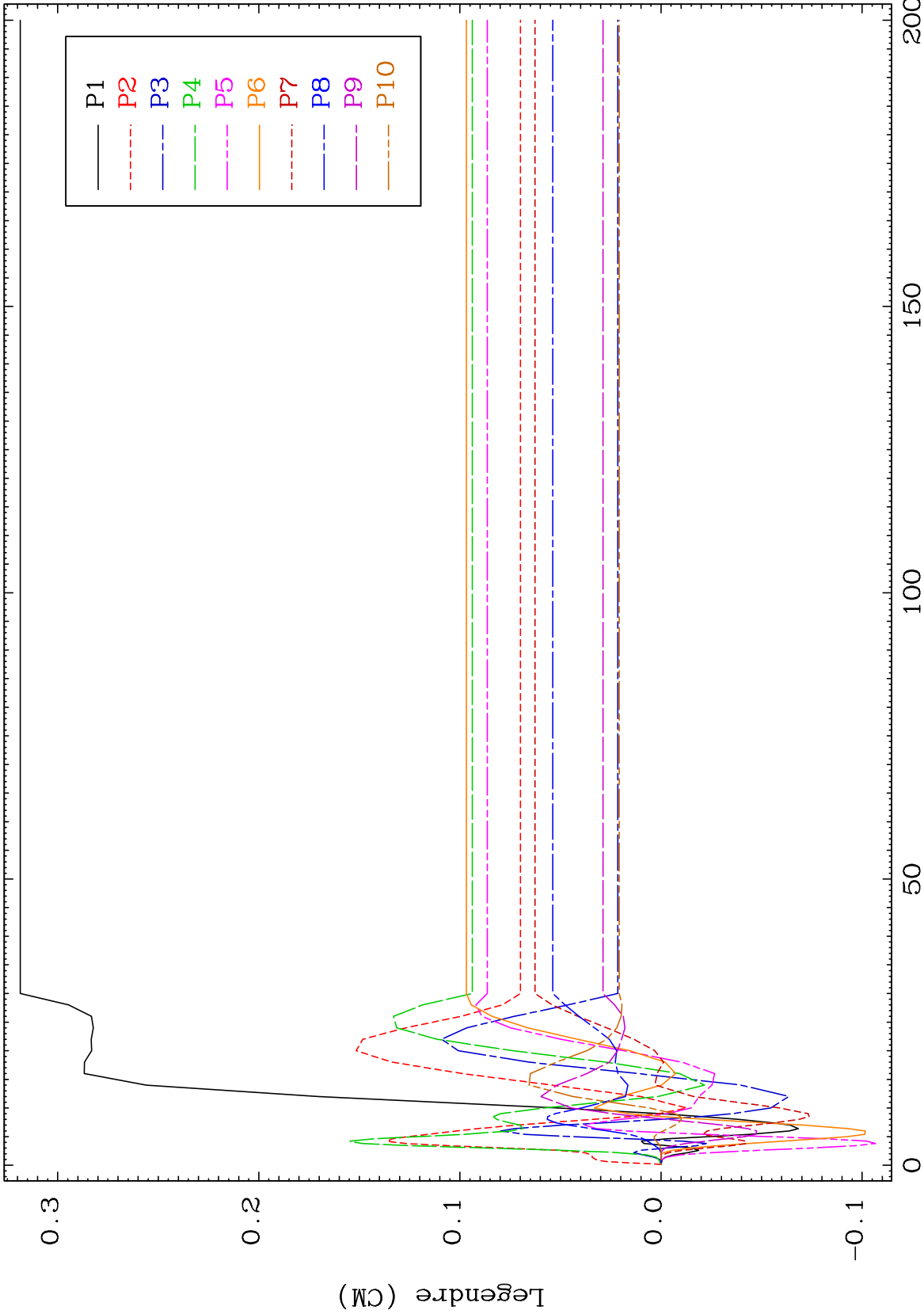
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



29

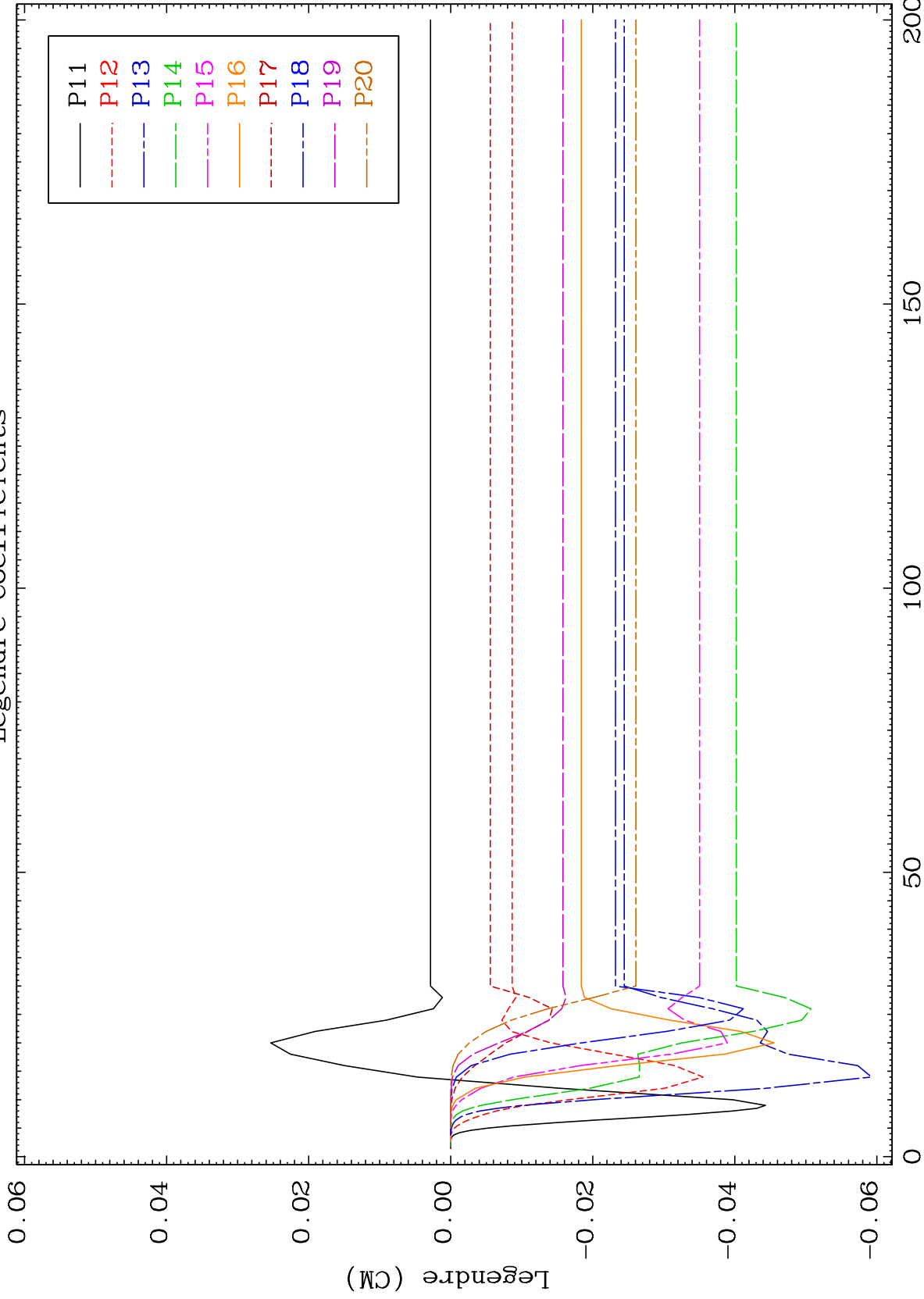
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



30

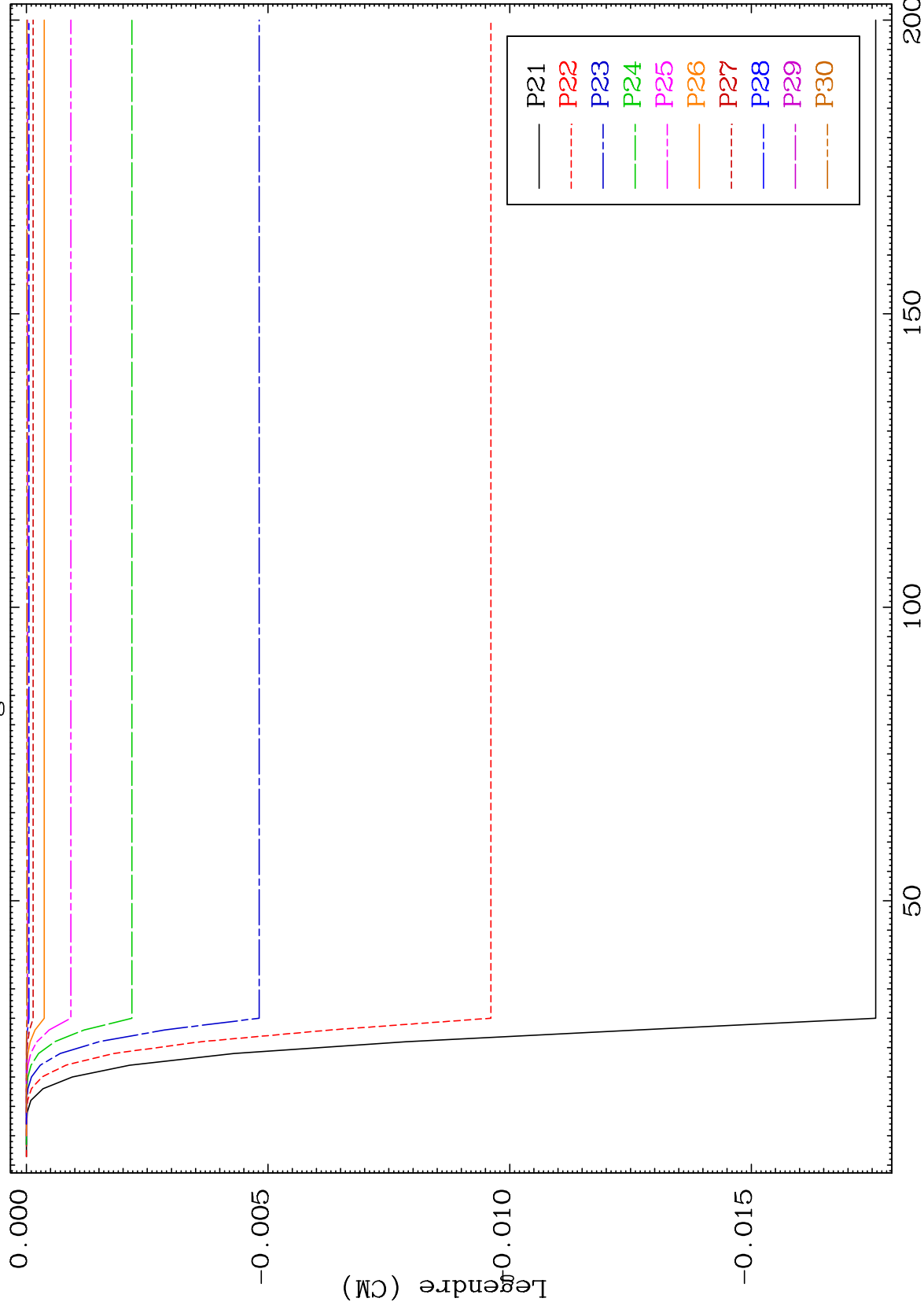
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

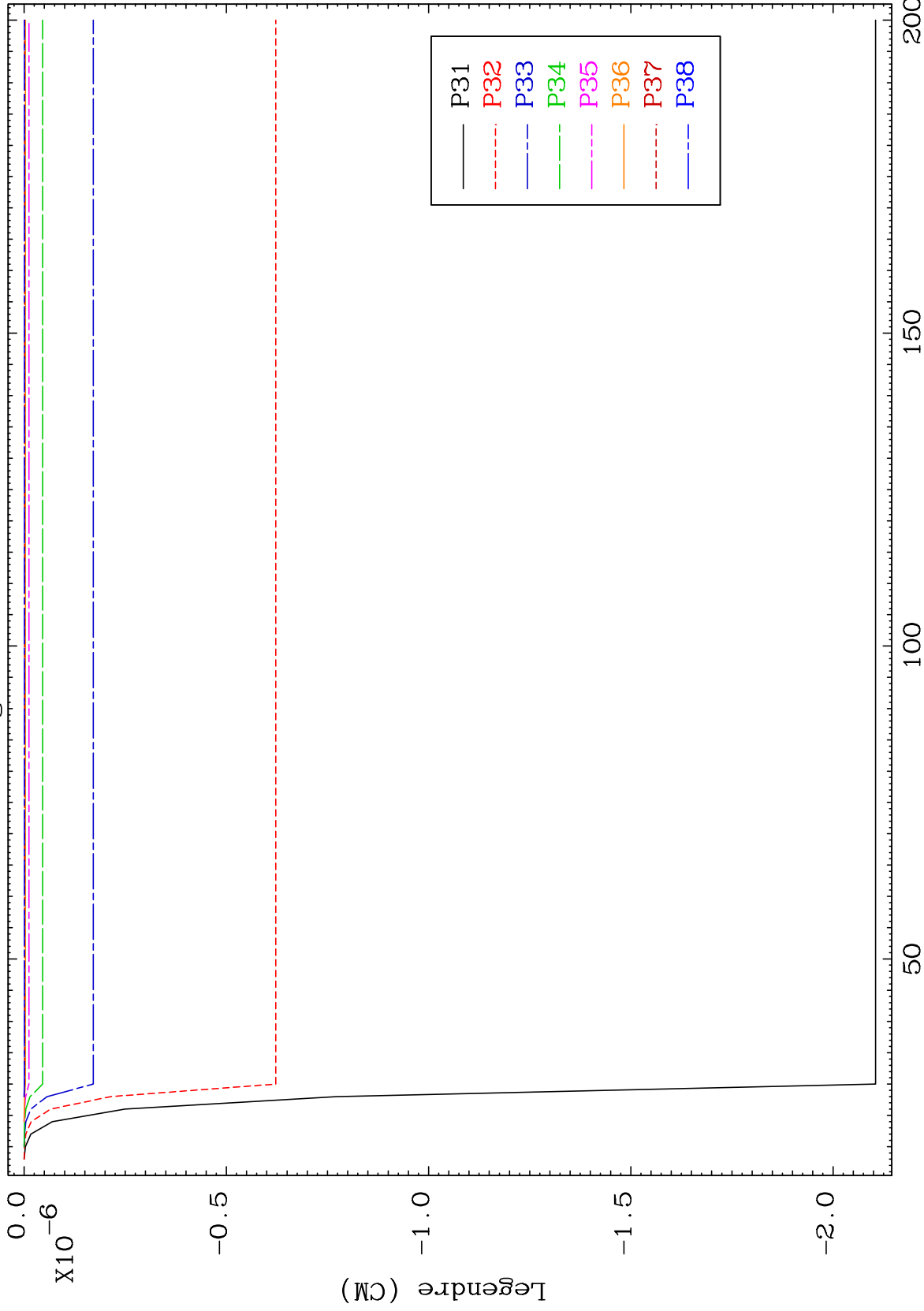
73-Ta-176



MAT 7313

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

73-Ta-176



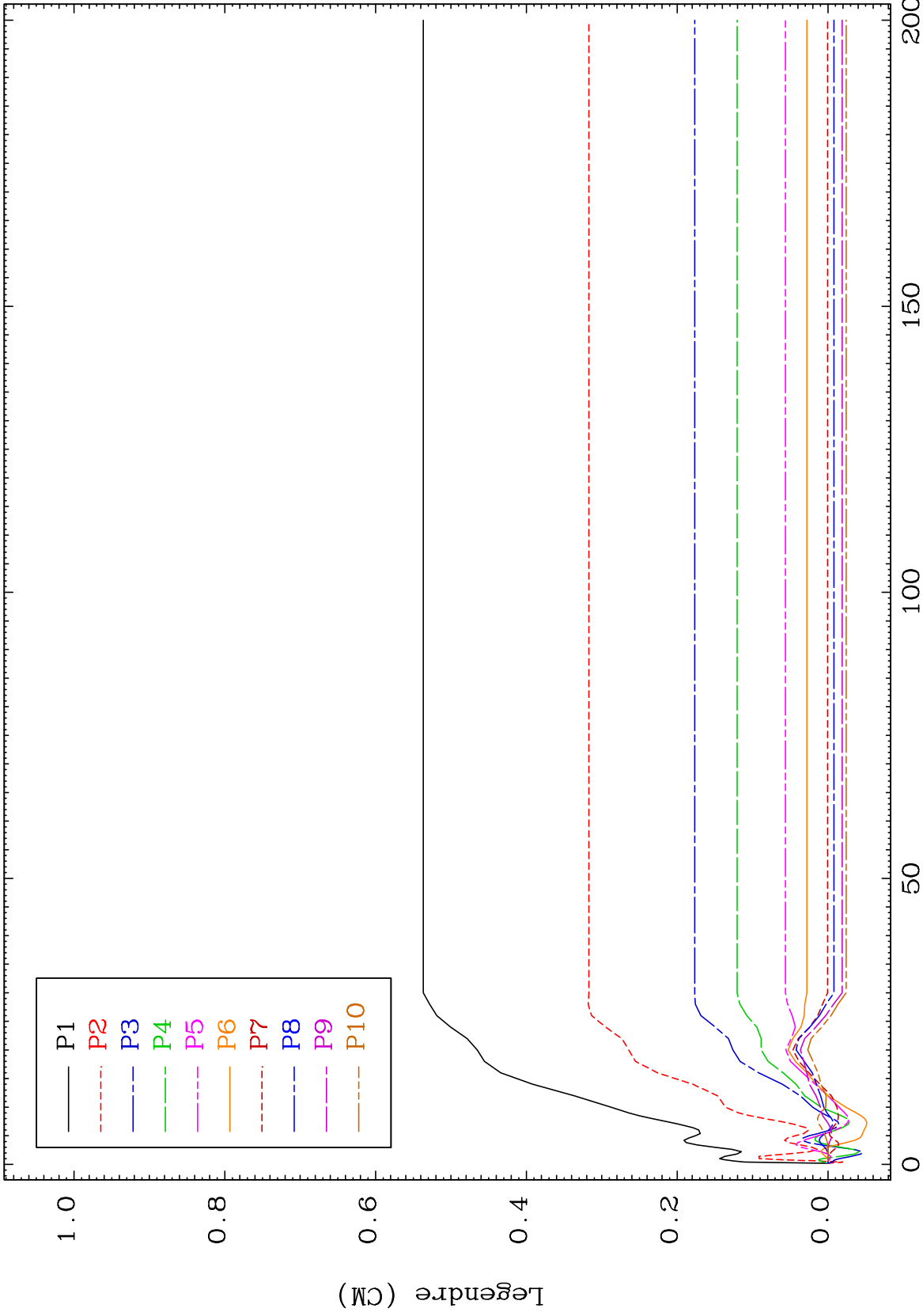
32

73-Ta-176

MAT 7313

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

73-Ta-176



33

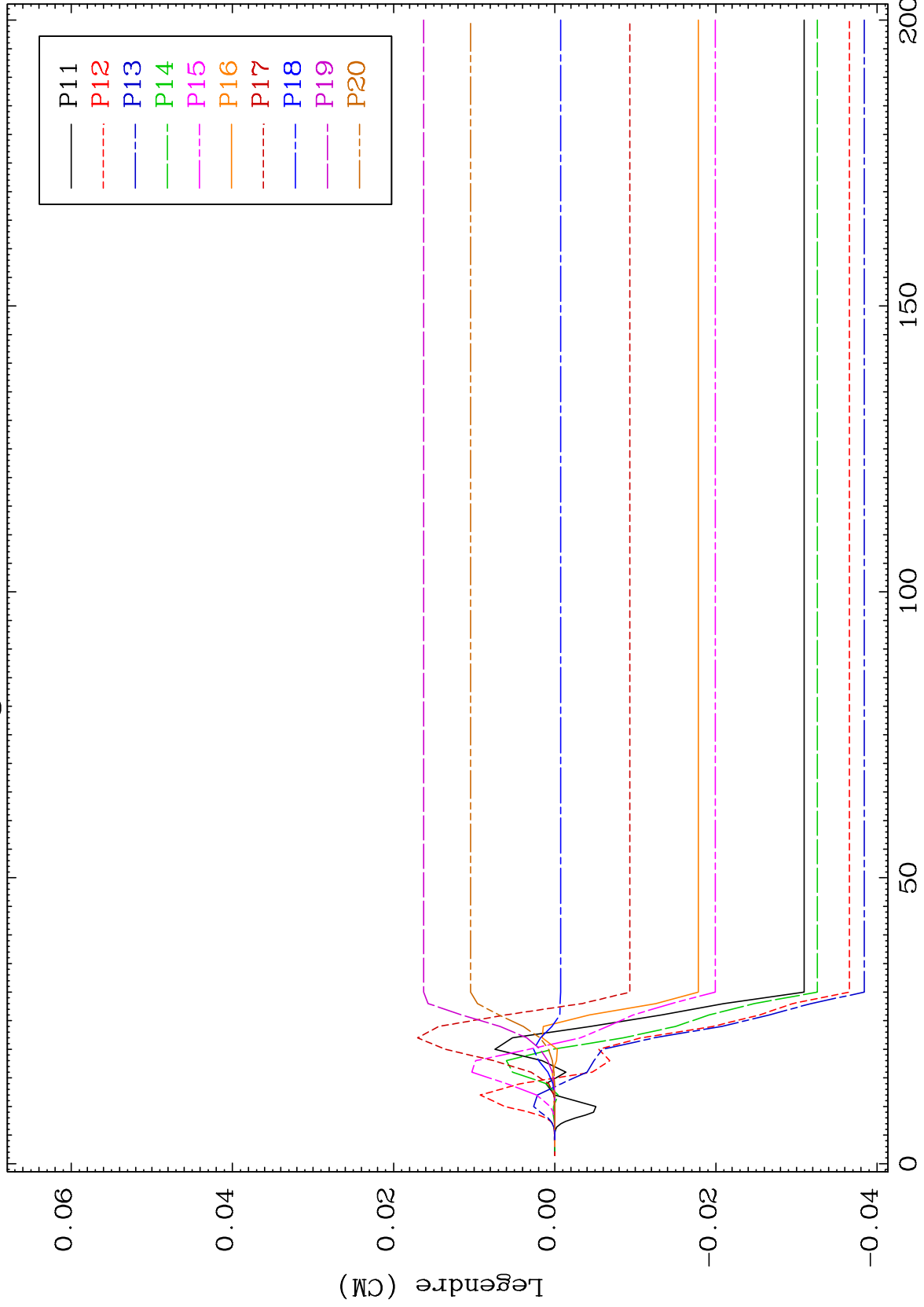
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



34

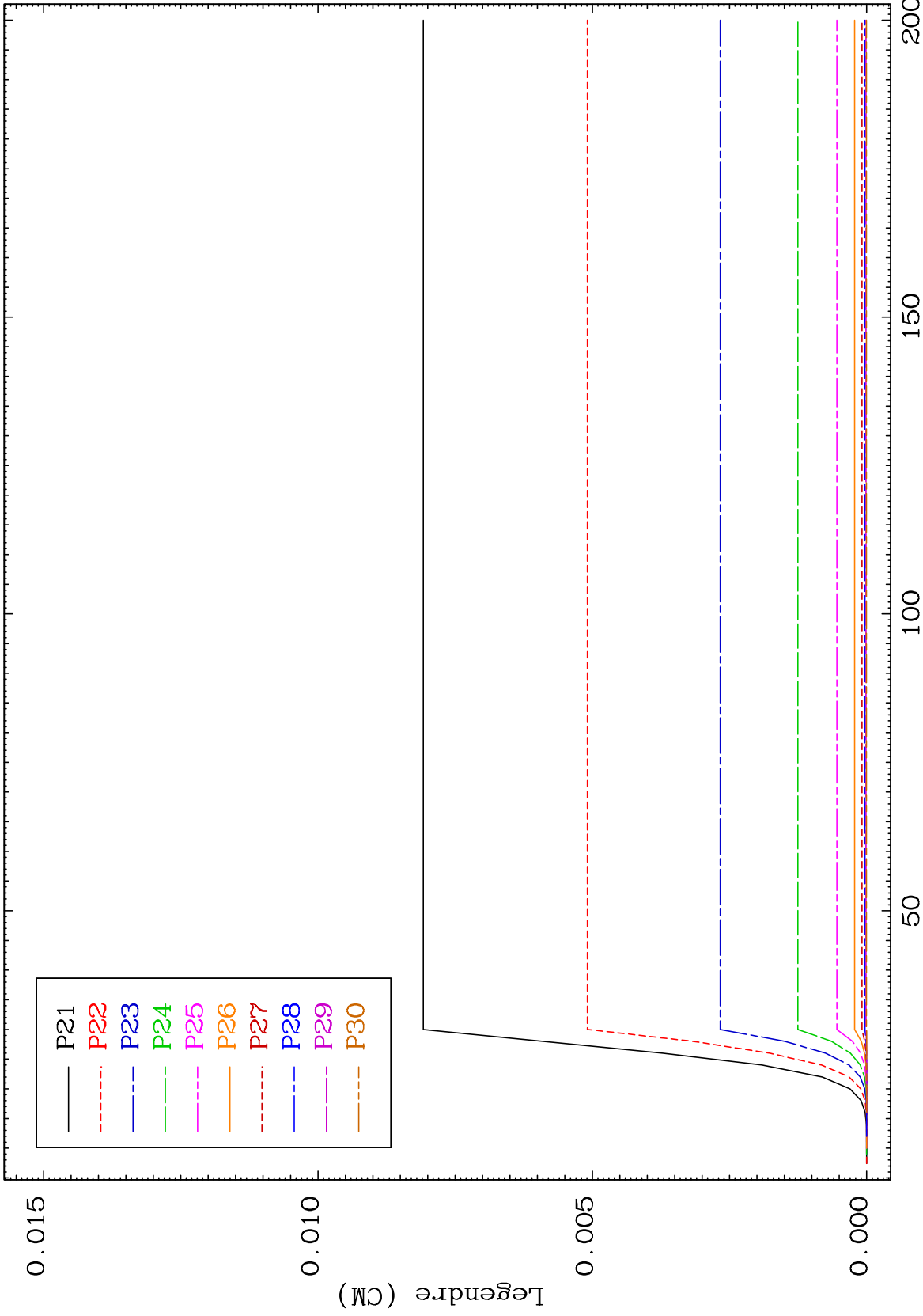
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



35

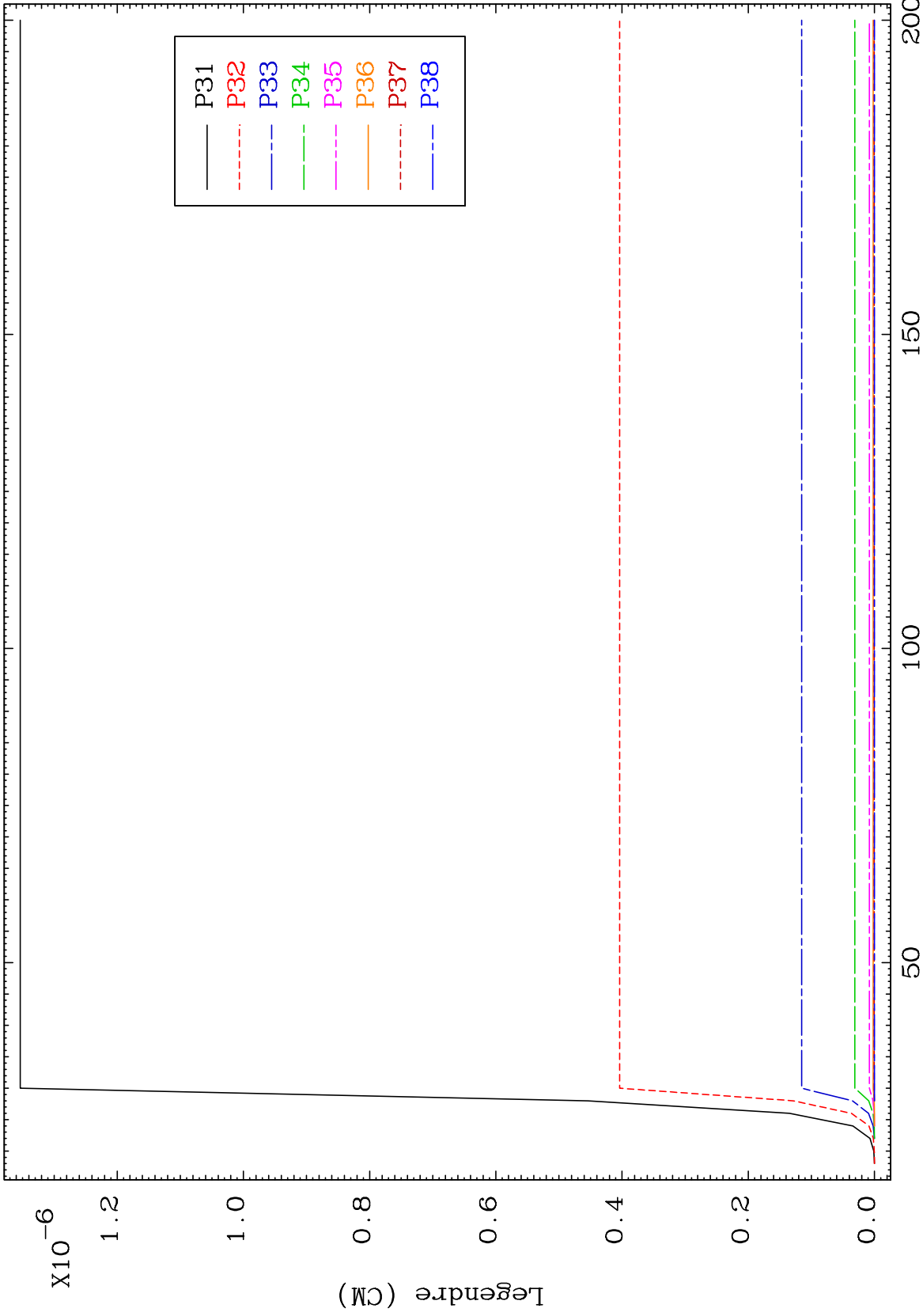
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



36

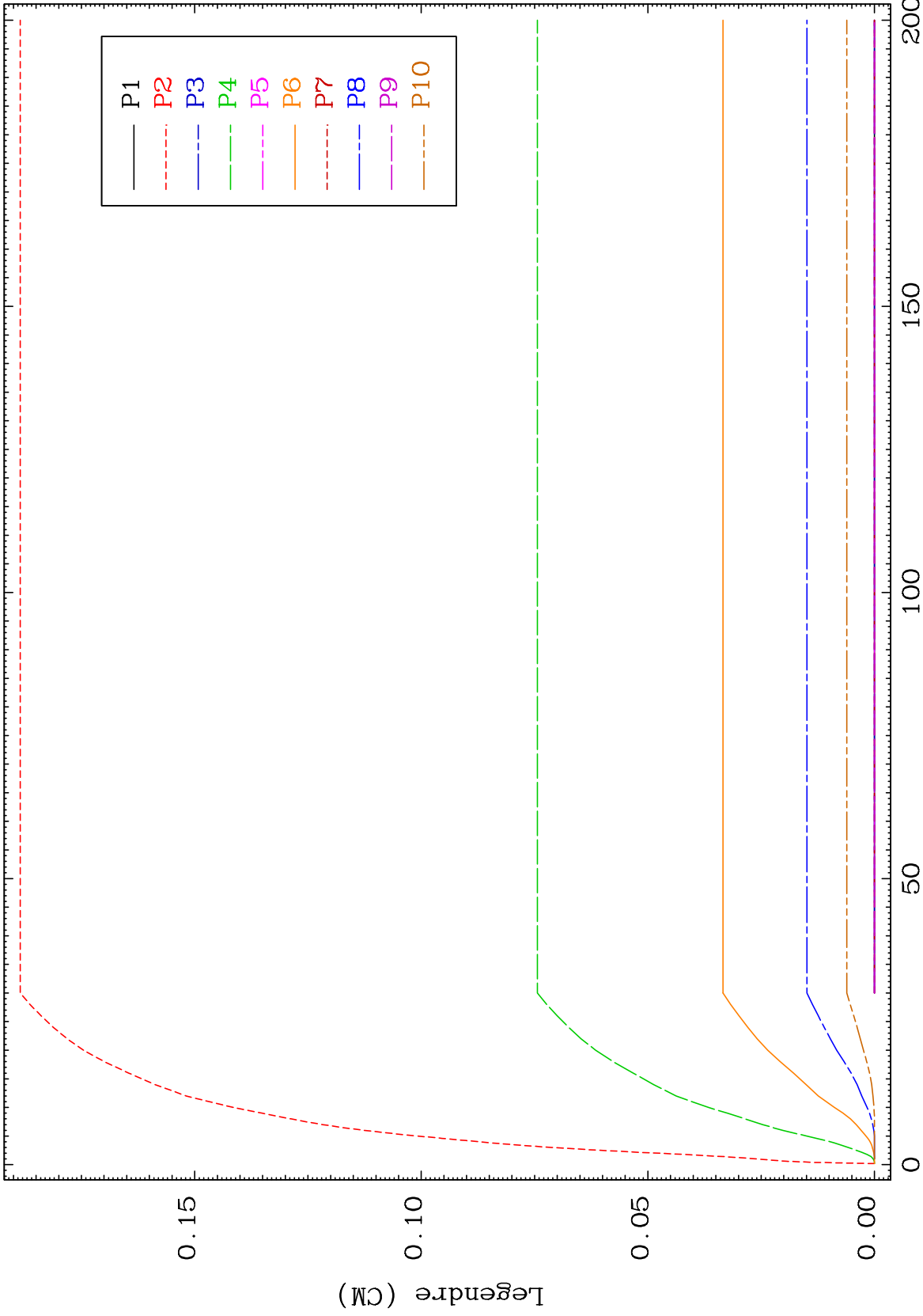
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



37

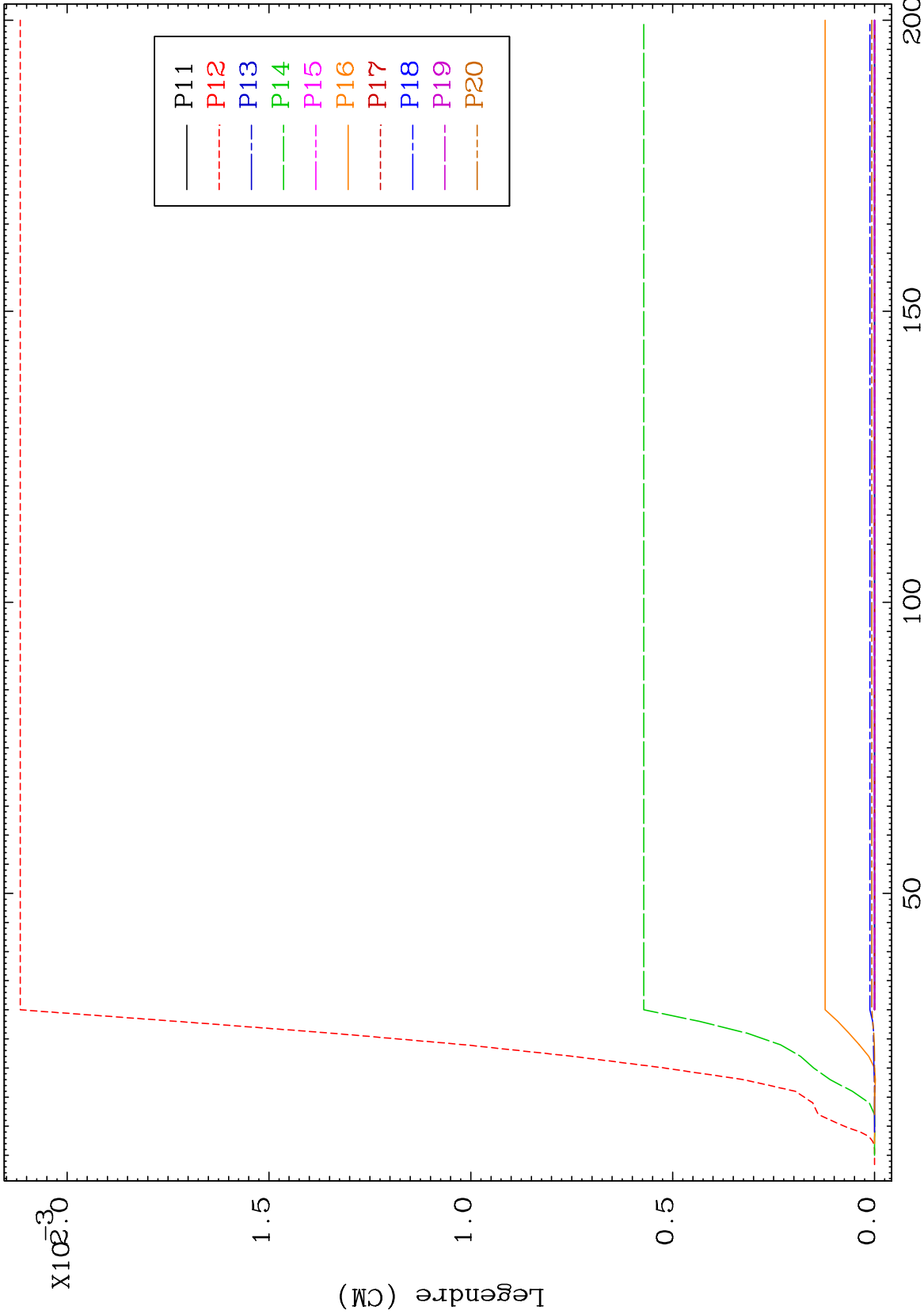
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



38

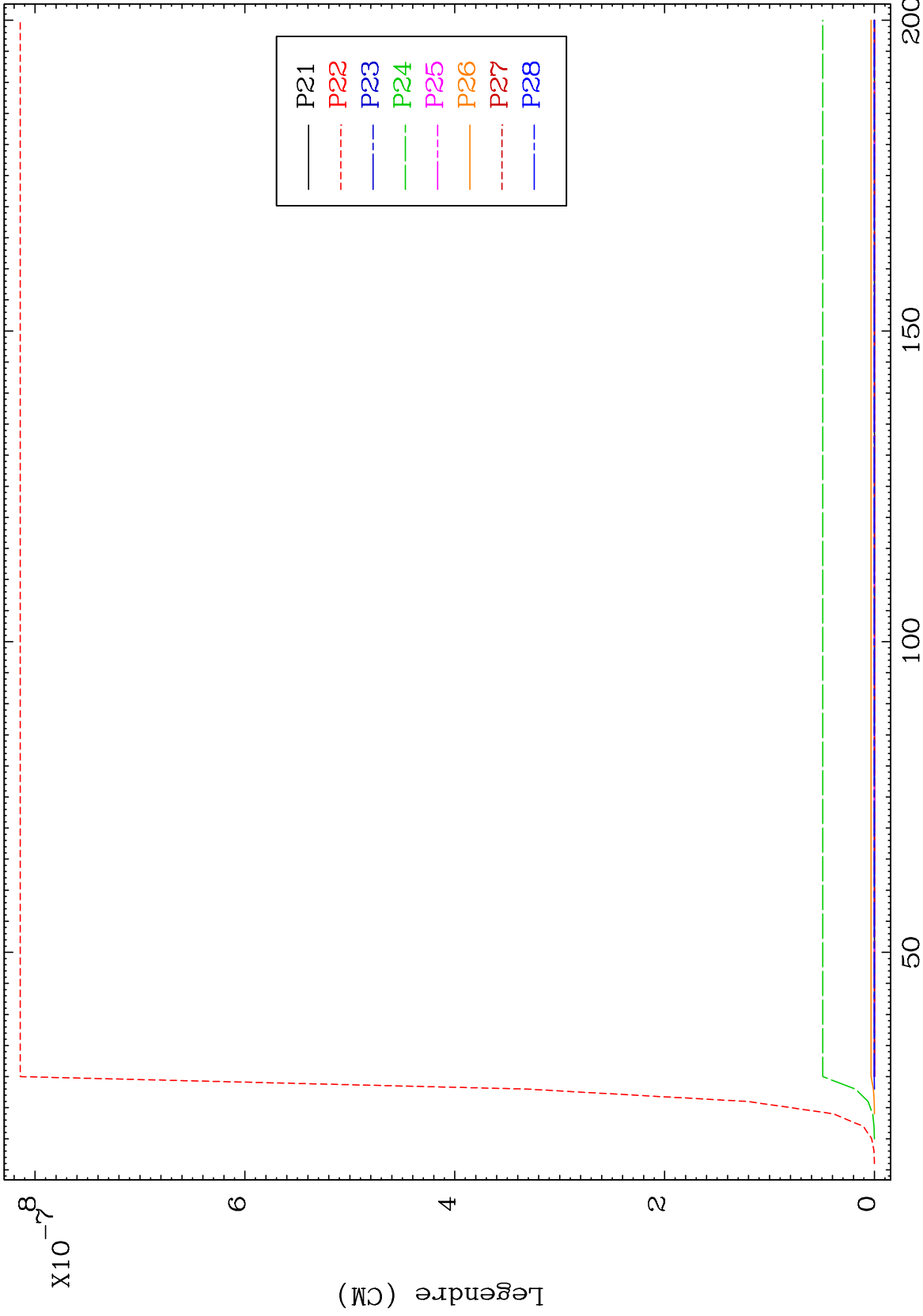
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



39

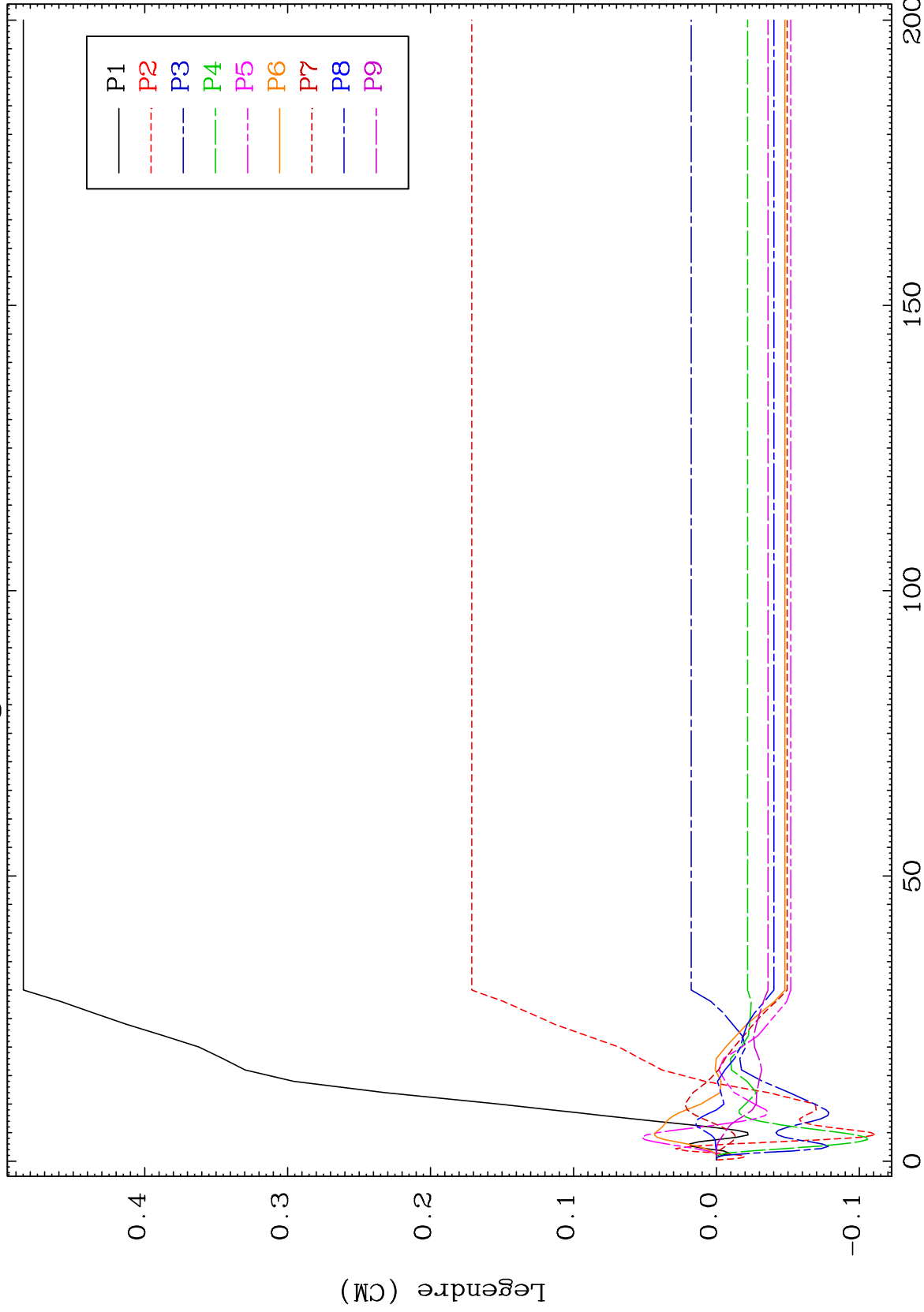
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



73-Ta-176

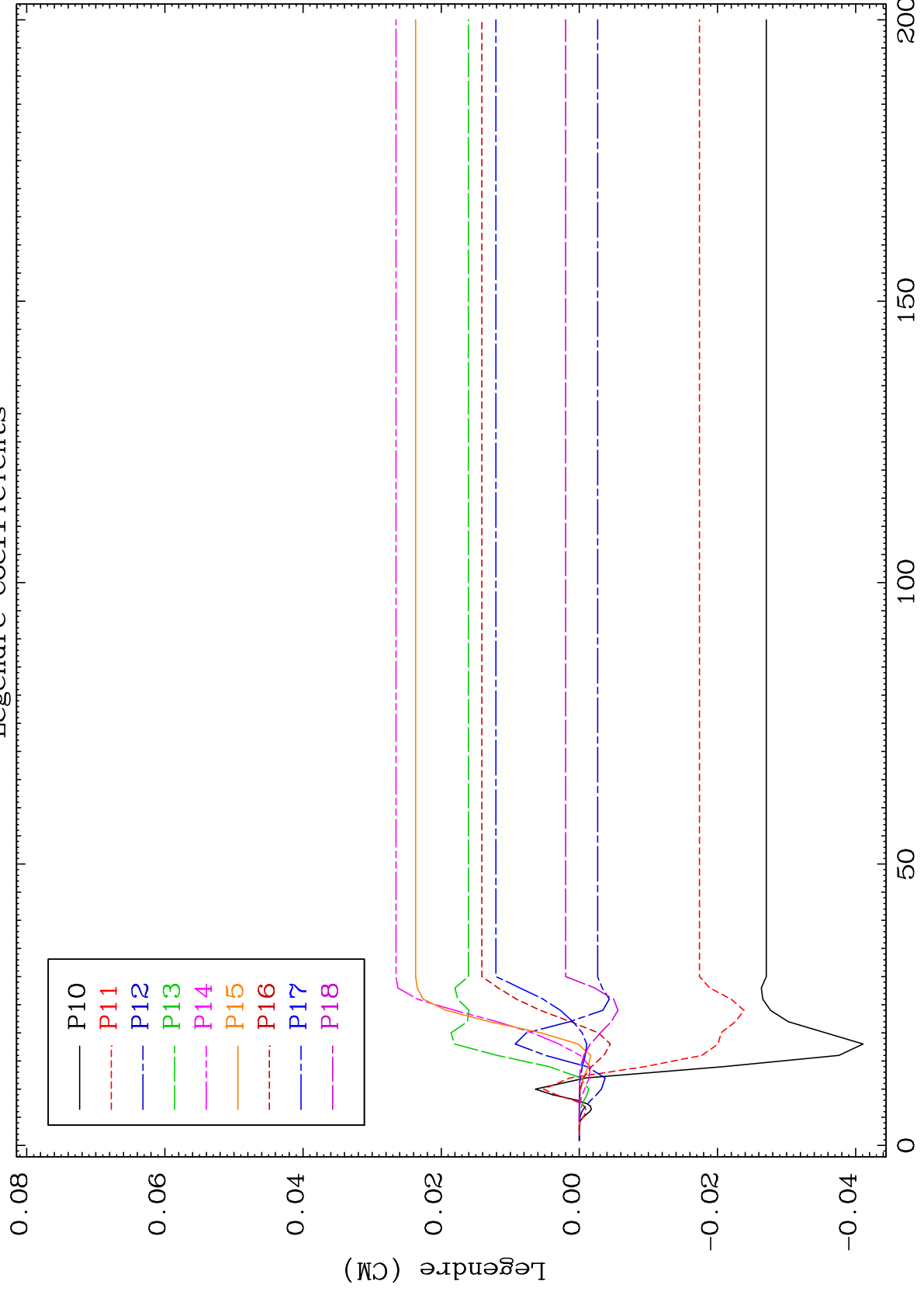
Incident Energy (MeV)

40

MAT 7313

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

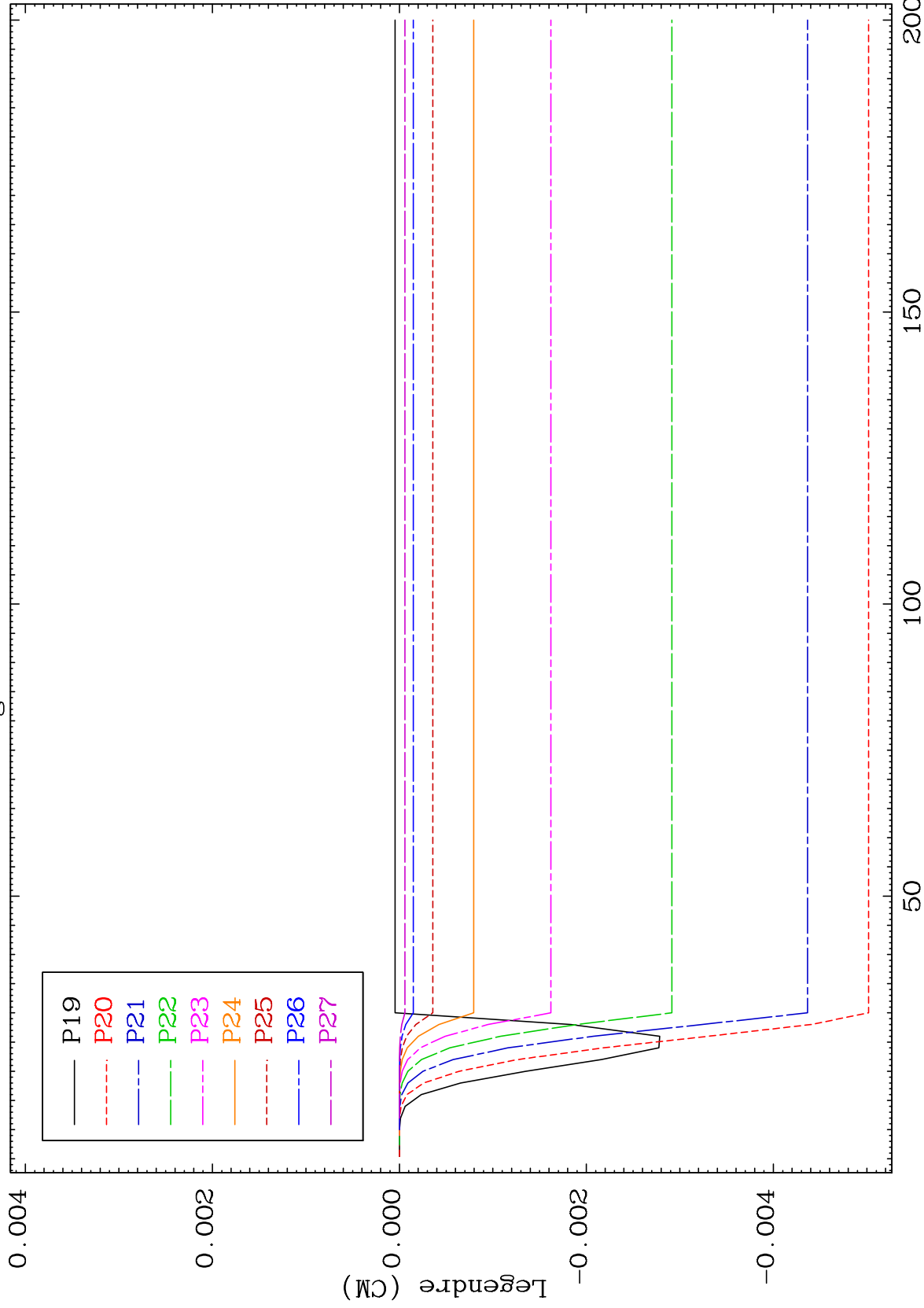
73-Ta-176



MAT 7313

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

73-Ta-176



42

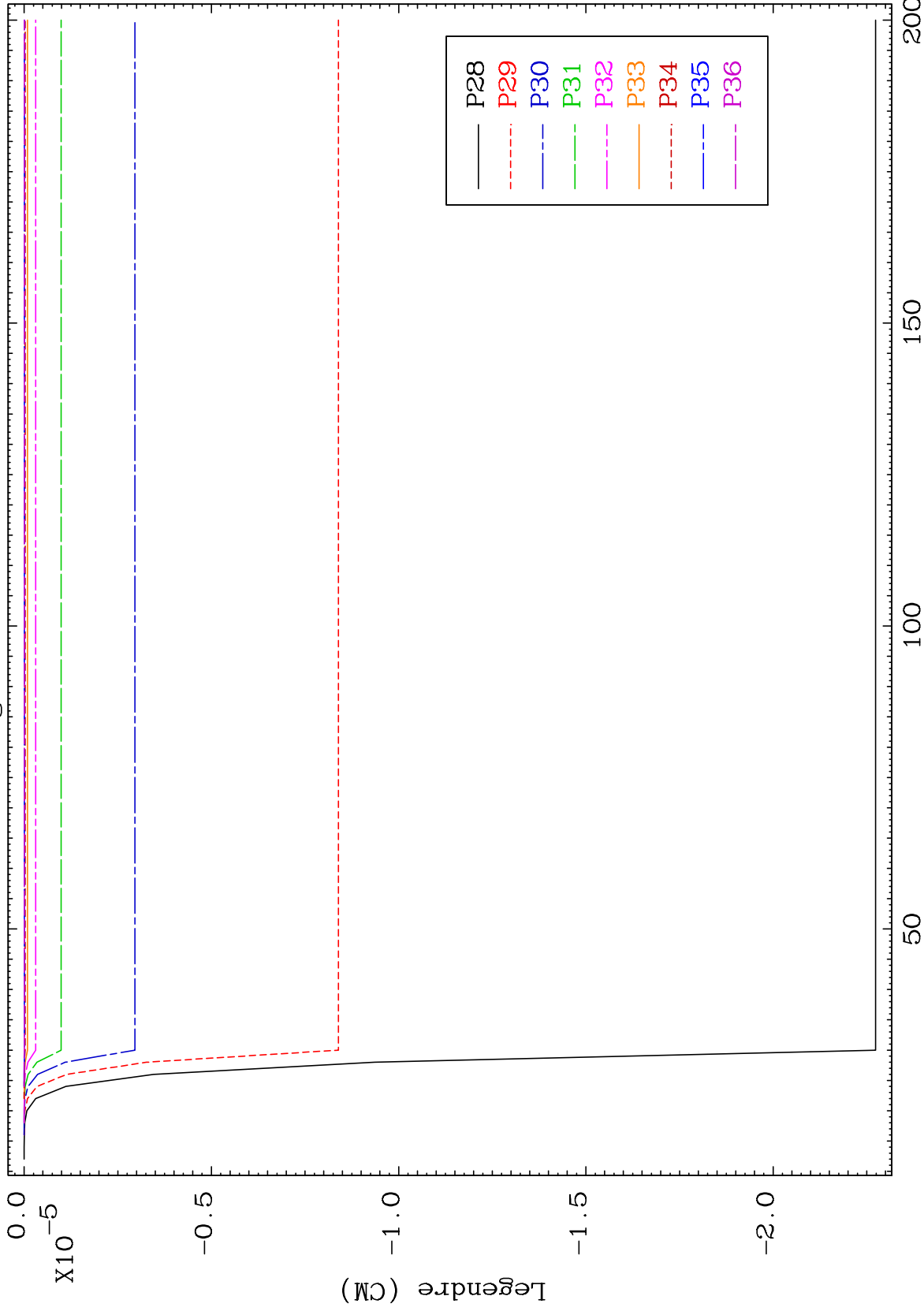
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



43

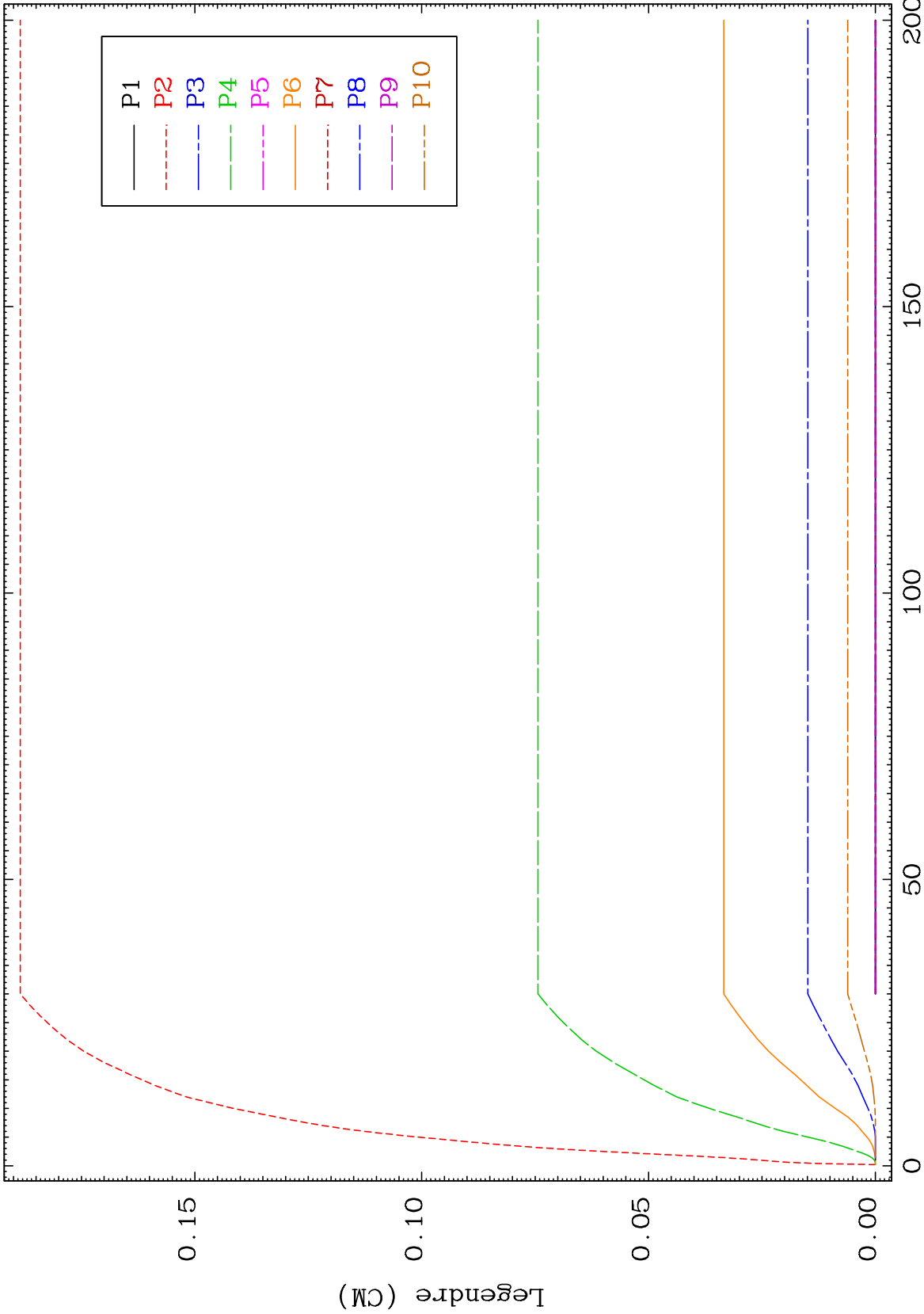
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



44

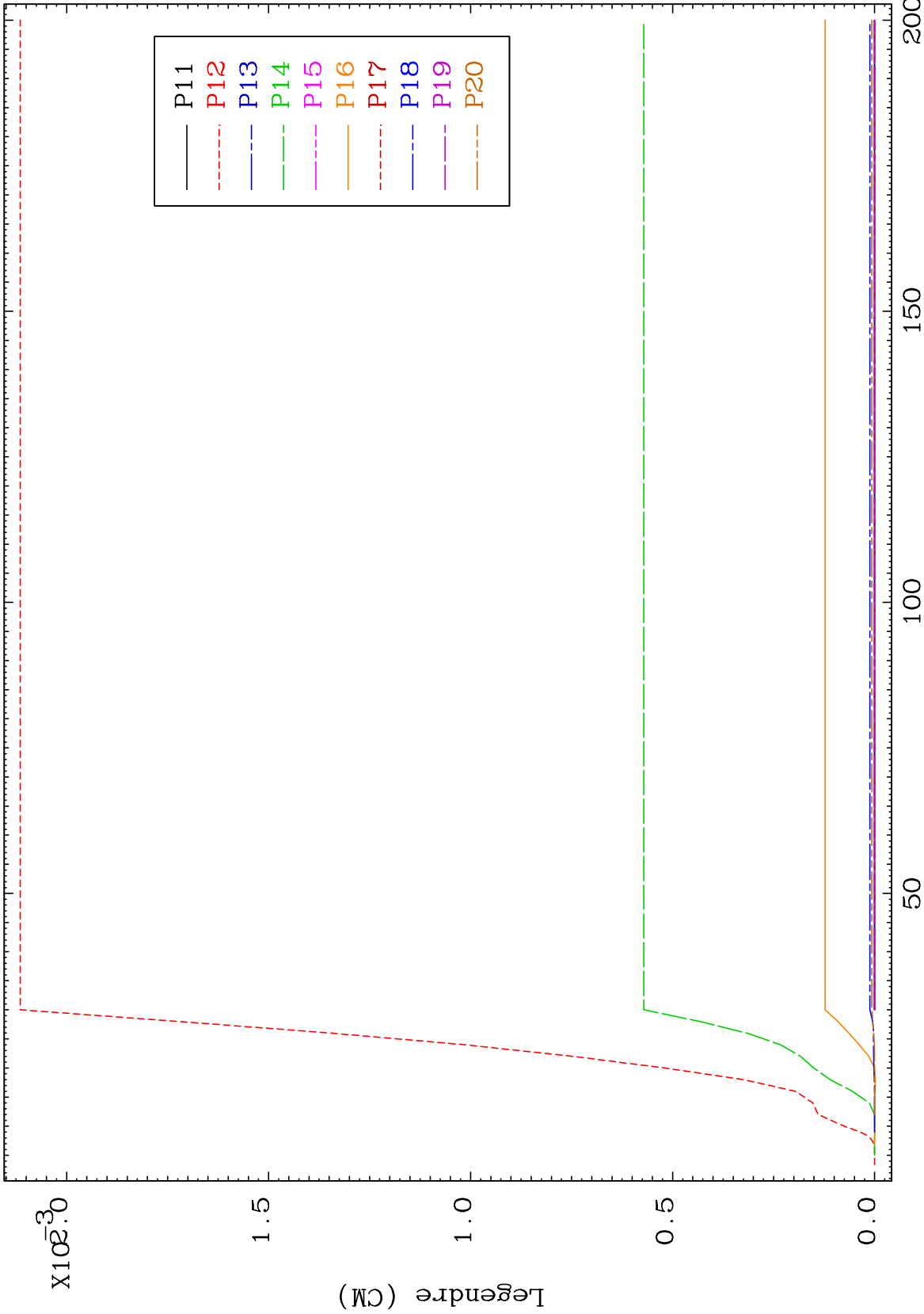
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



45

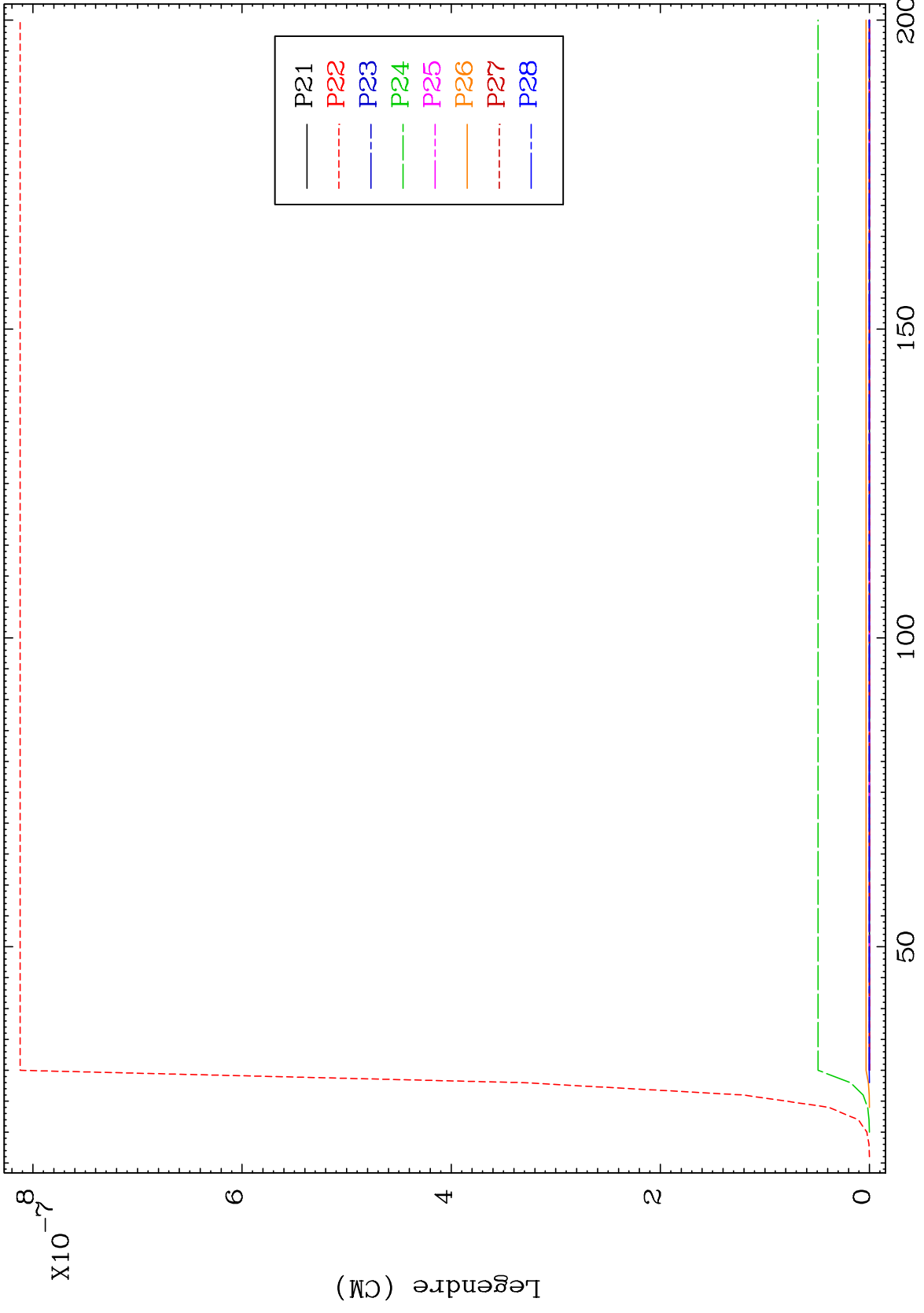
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



46

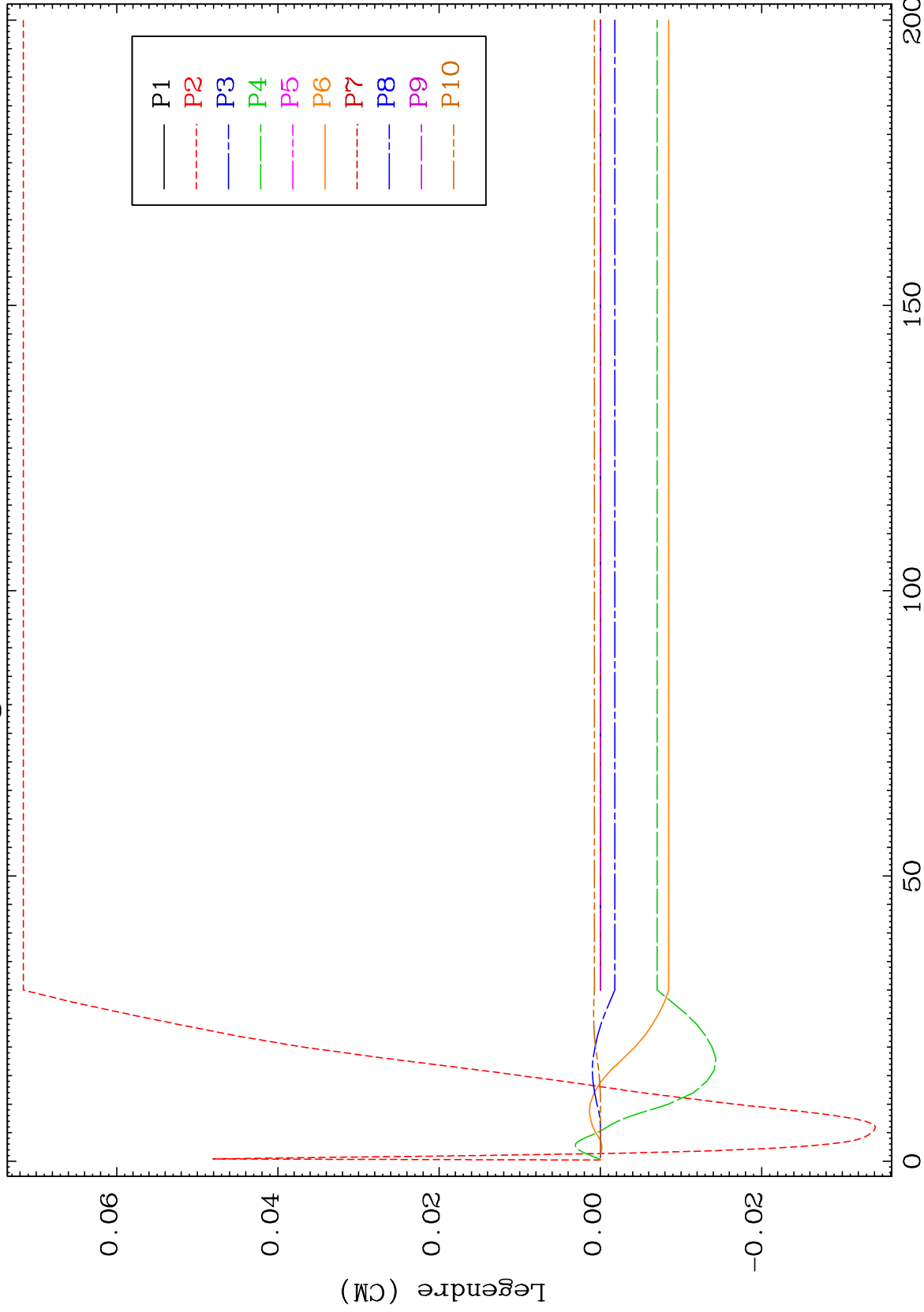
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



47

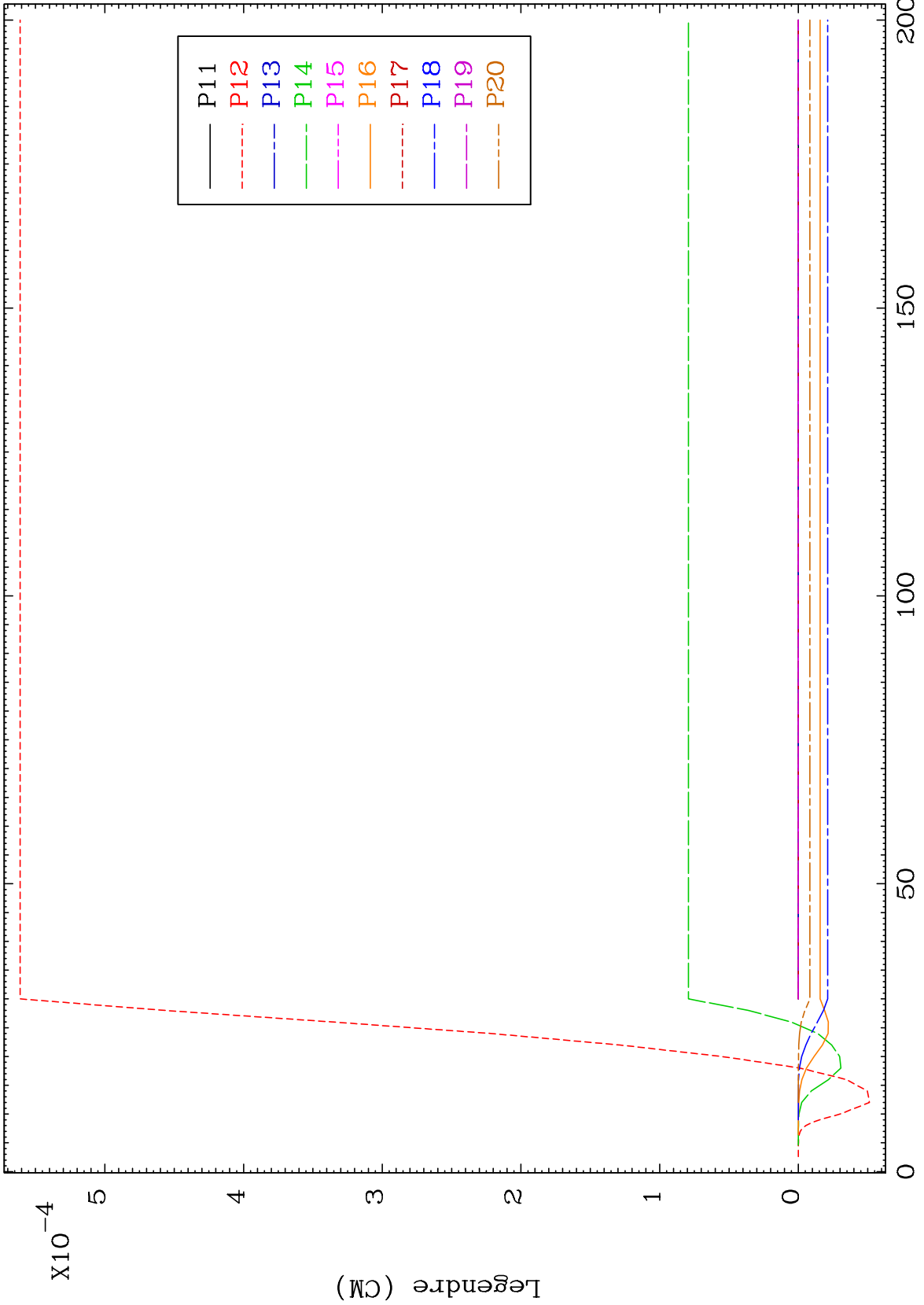
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



48

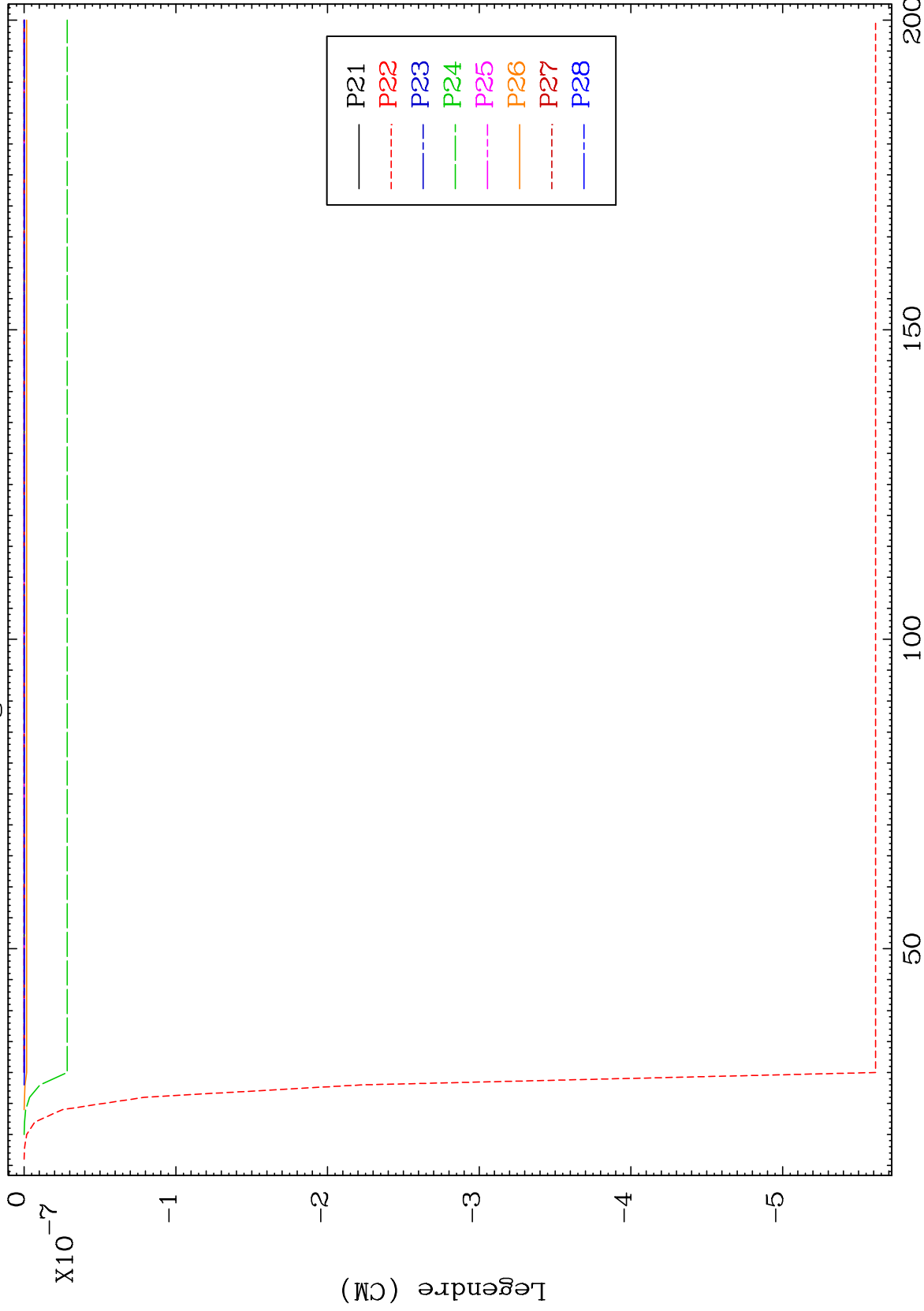
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



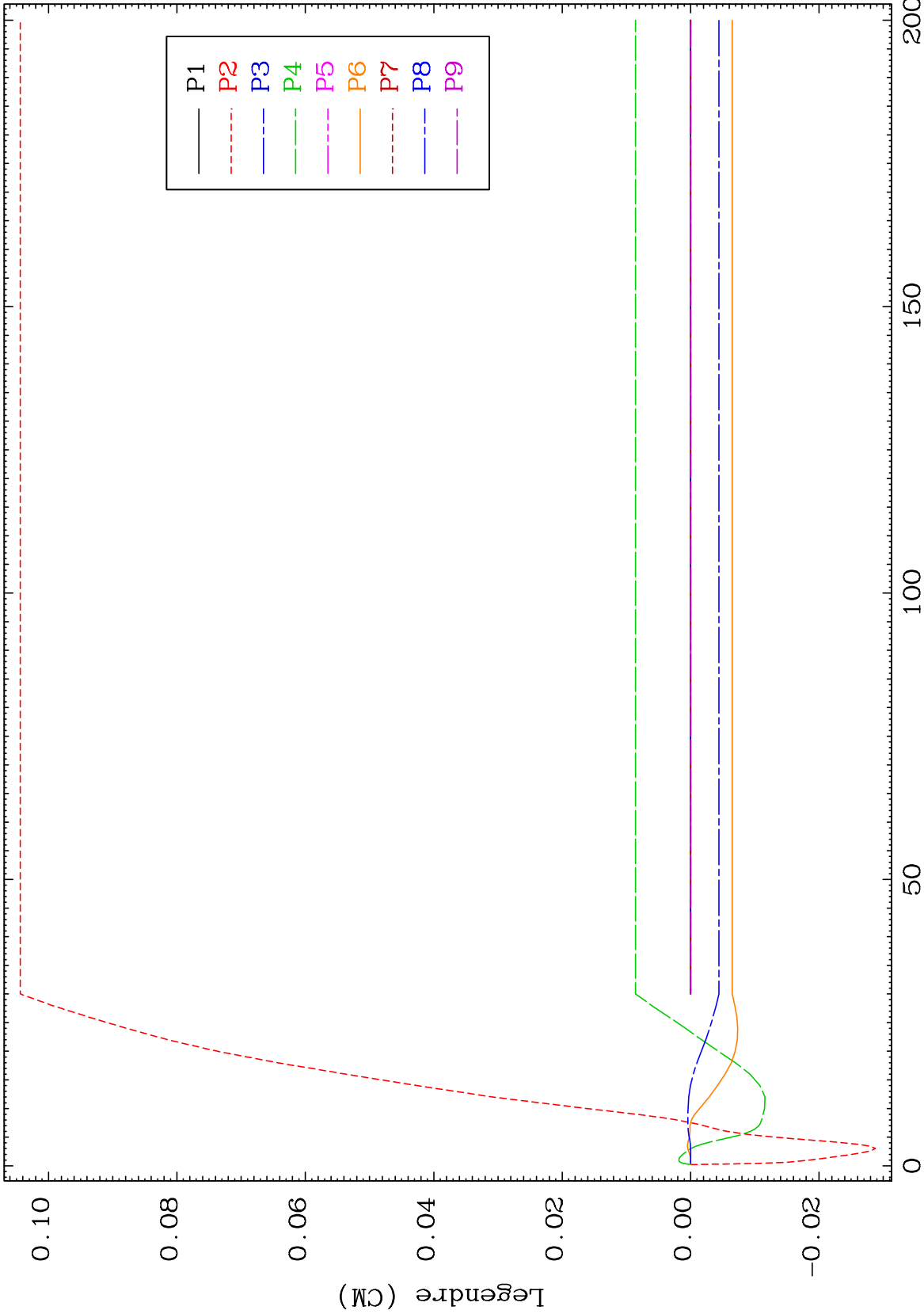
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73-Ta-176

MAT 7313

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

73-Ta-176



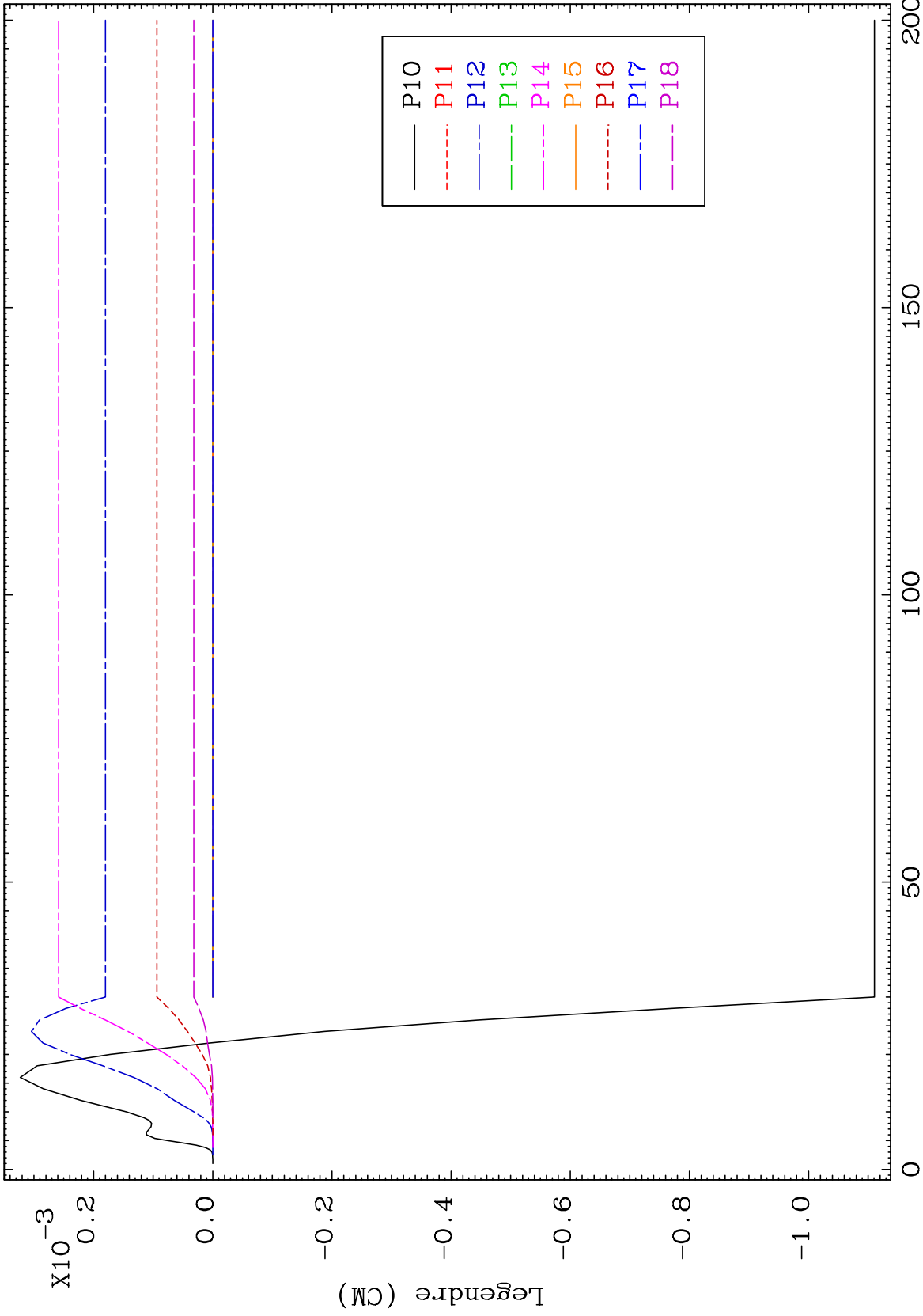
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Incident Energy (MeV)

MAT 7313

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

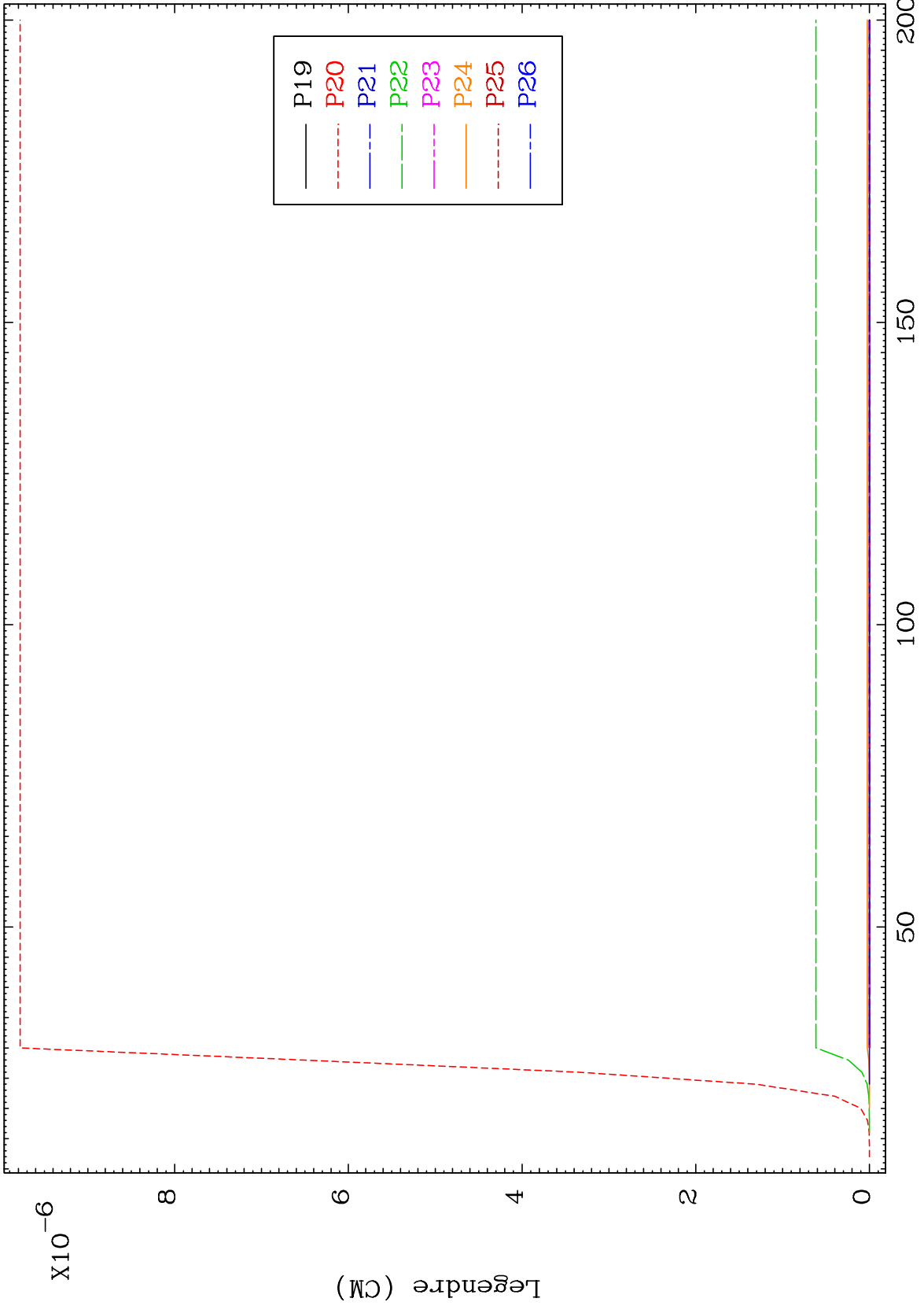
73-Ta-176



51

73-Ta-176

MAT 7313 MT= 60 (n,n') Level Legendre Coefficients 73-Ta-176

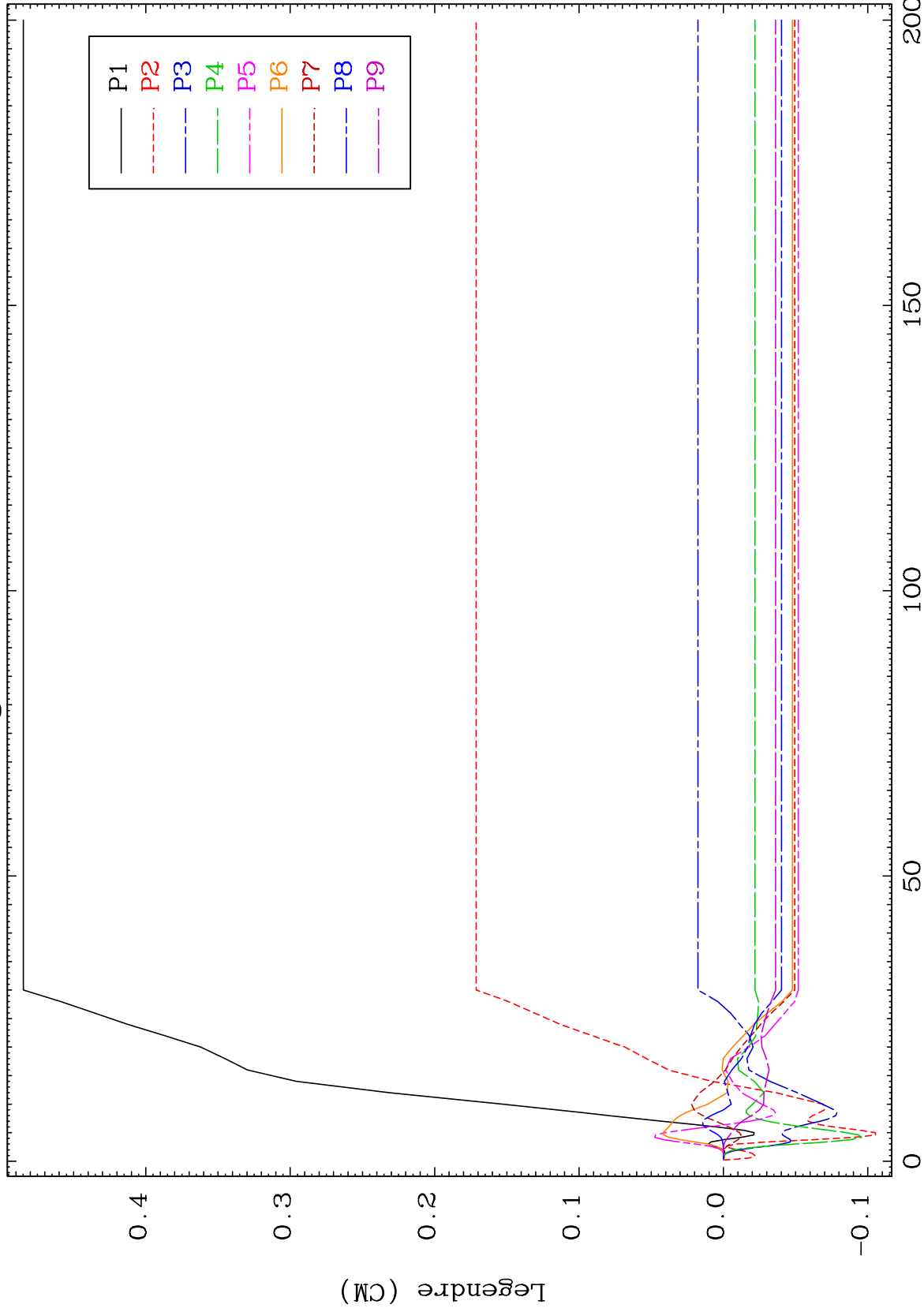


52 73-Ta-176

MAT 7313

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

73-Ta-176



53

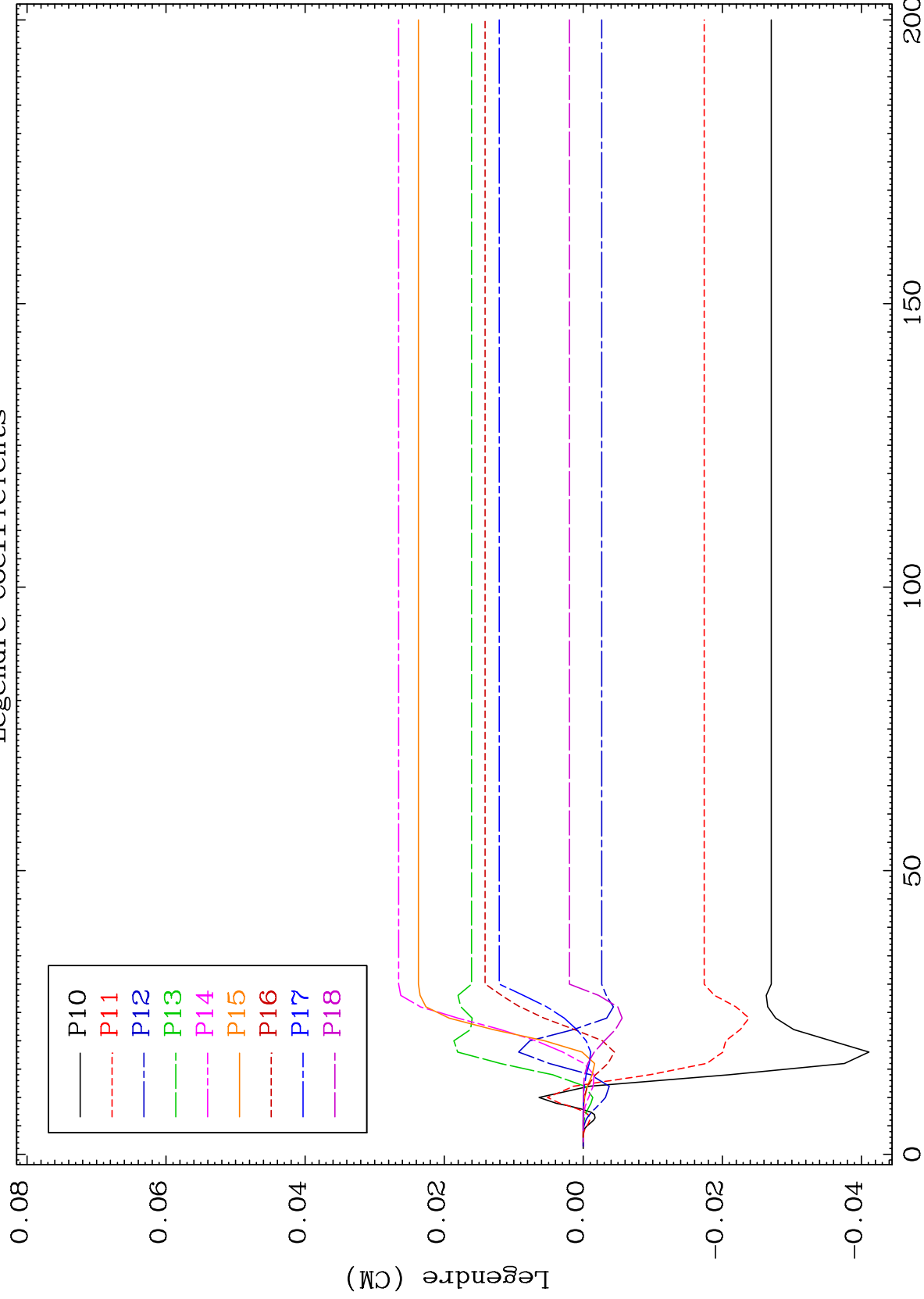
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



54

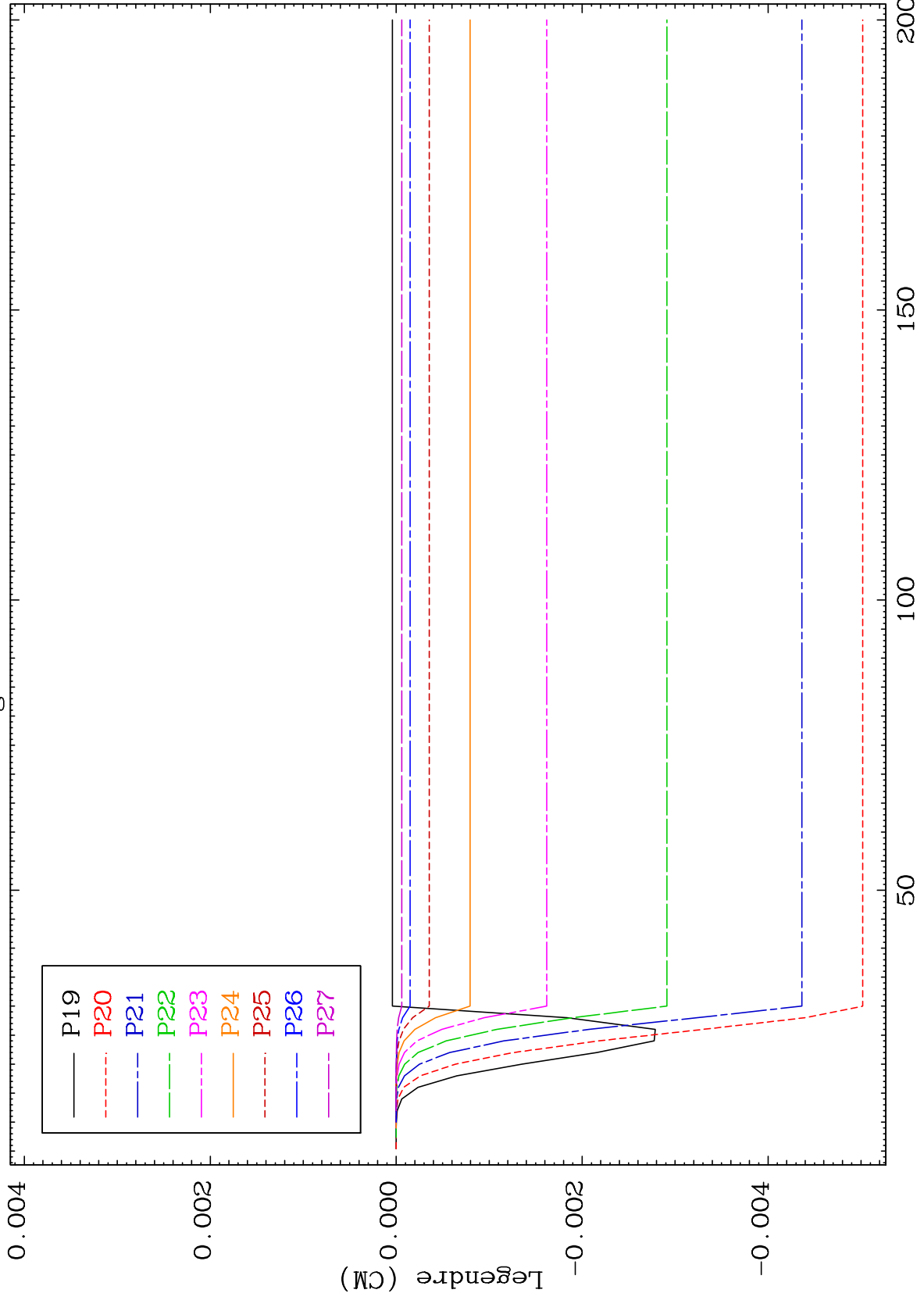
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



55

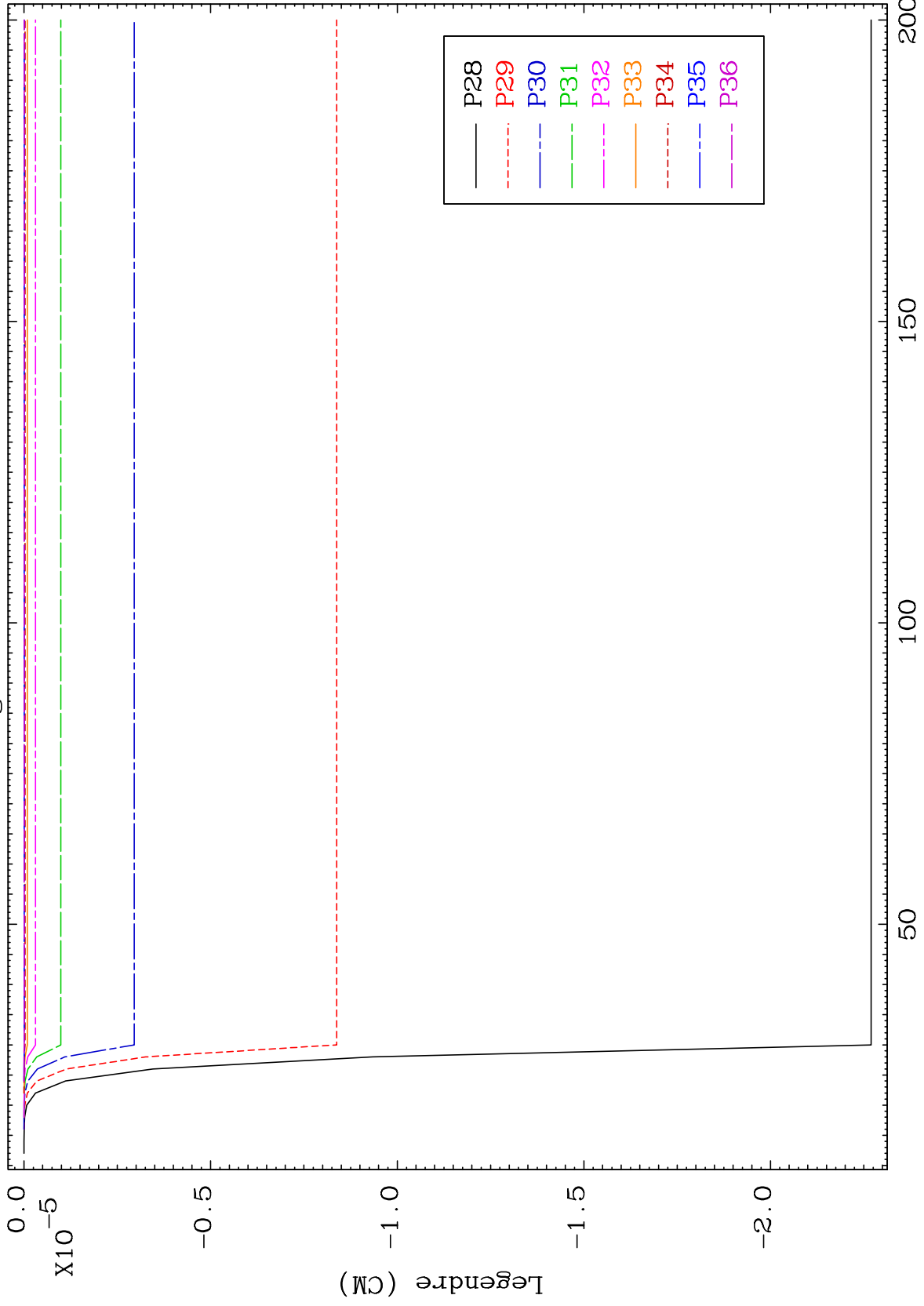
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



73-Ta-176

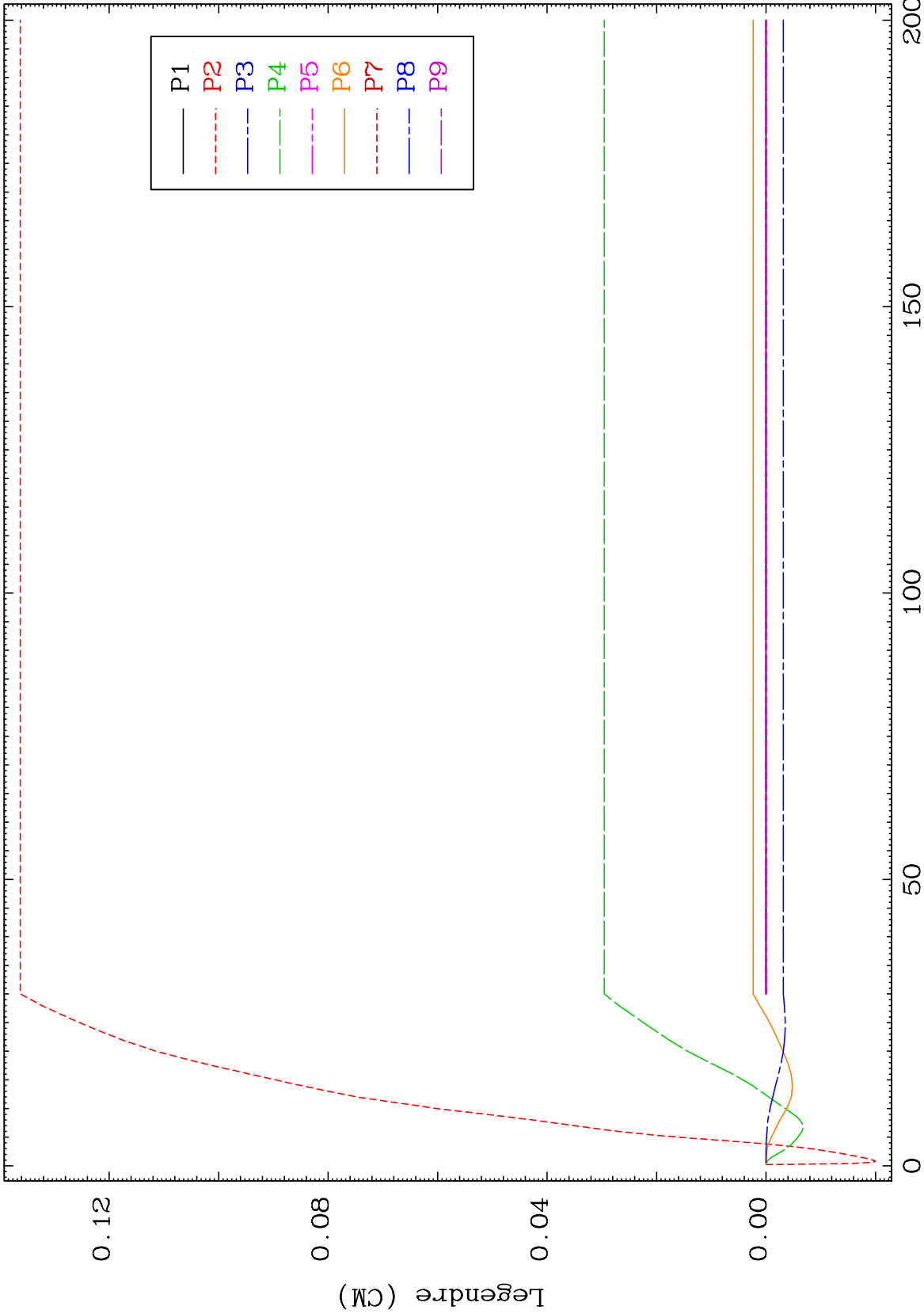
Incident Energy (MeV)

56

MAT 7313

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

73-Ta-176



57

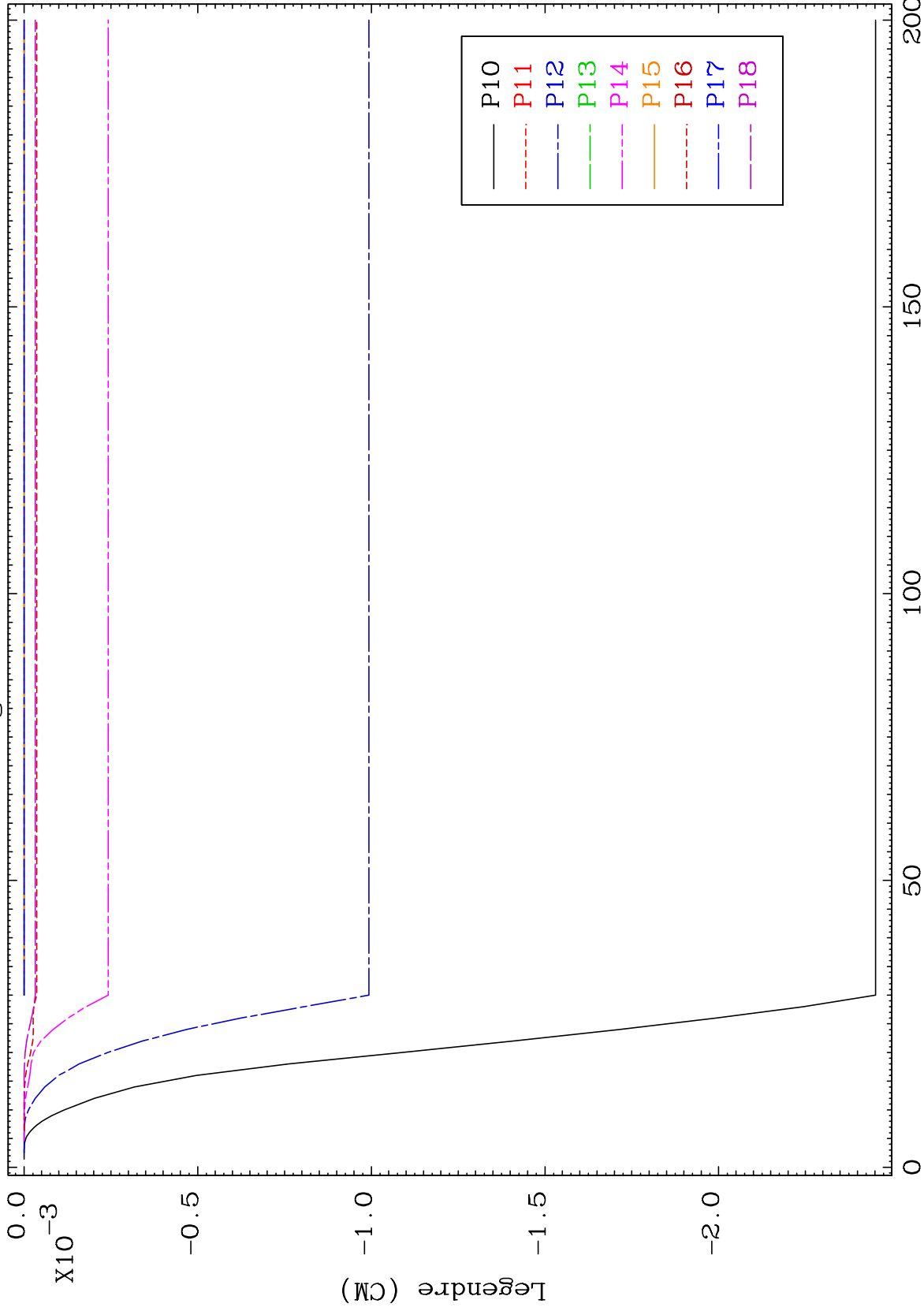
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



58

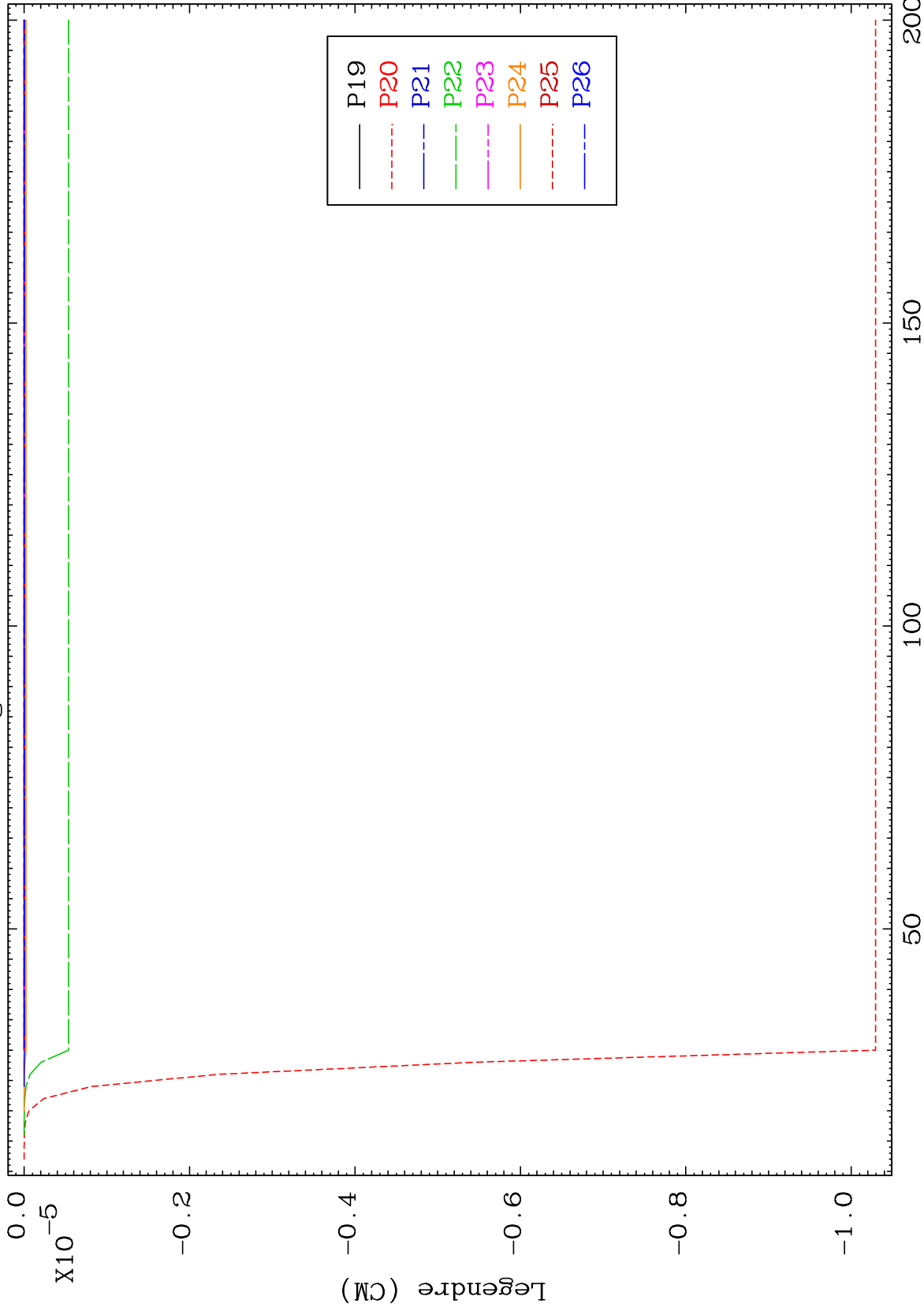
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



59

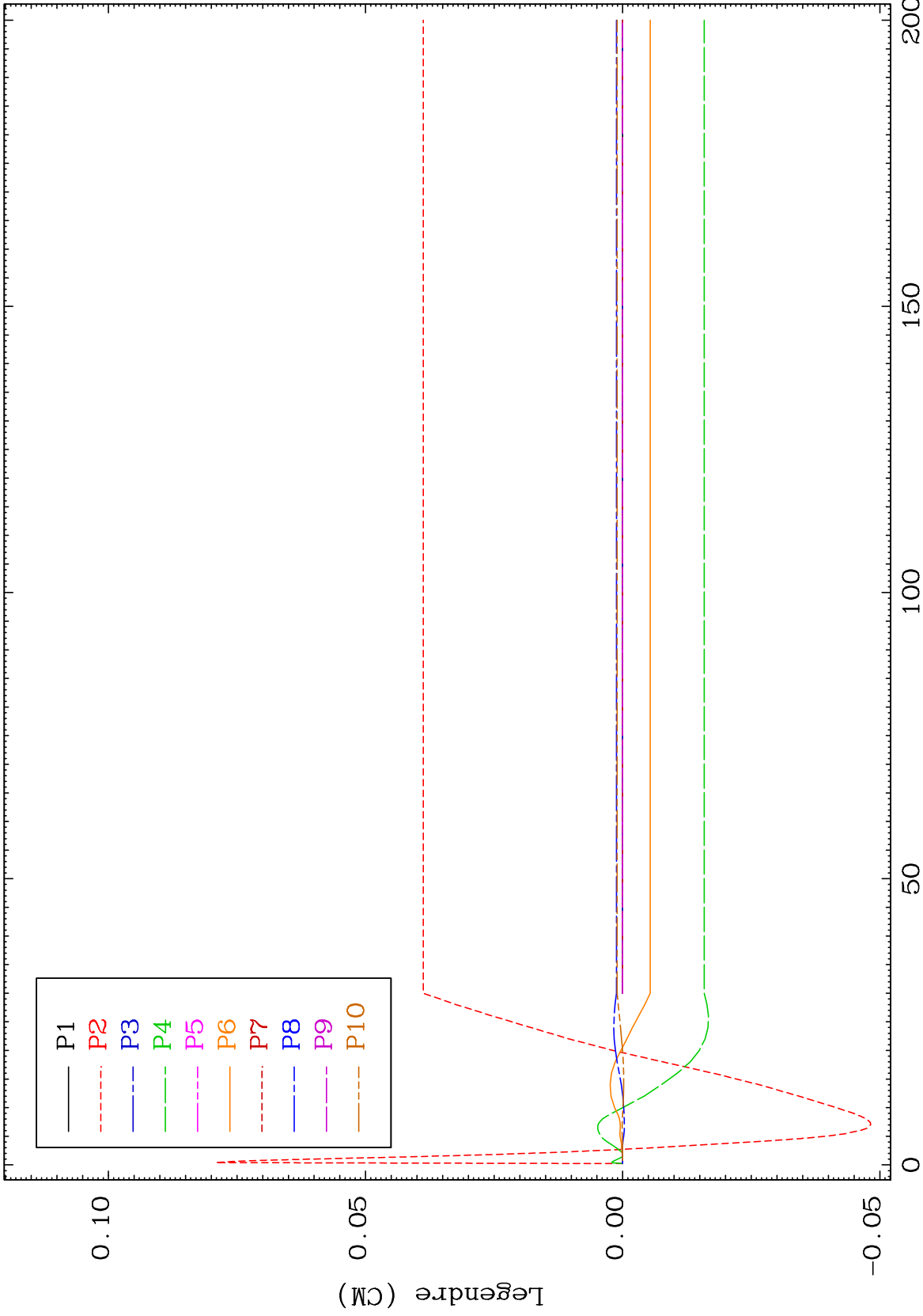
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



60

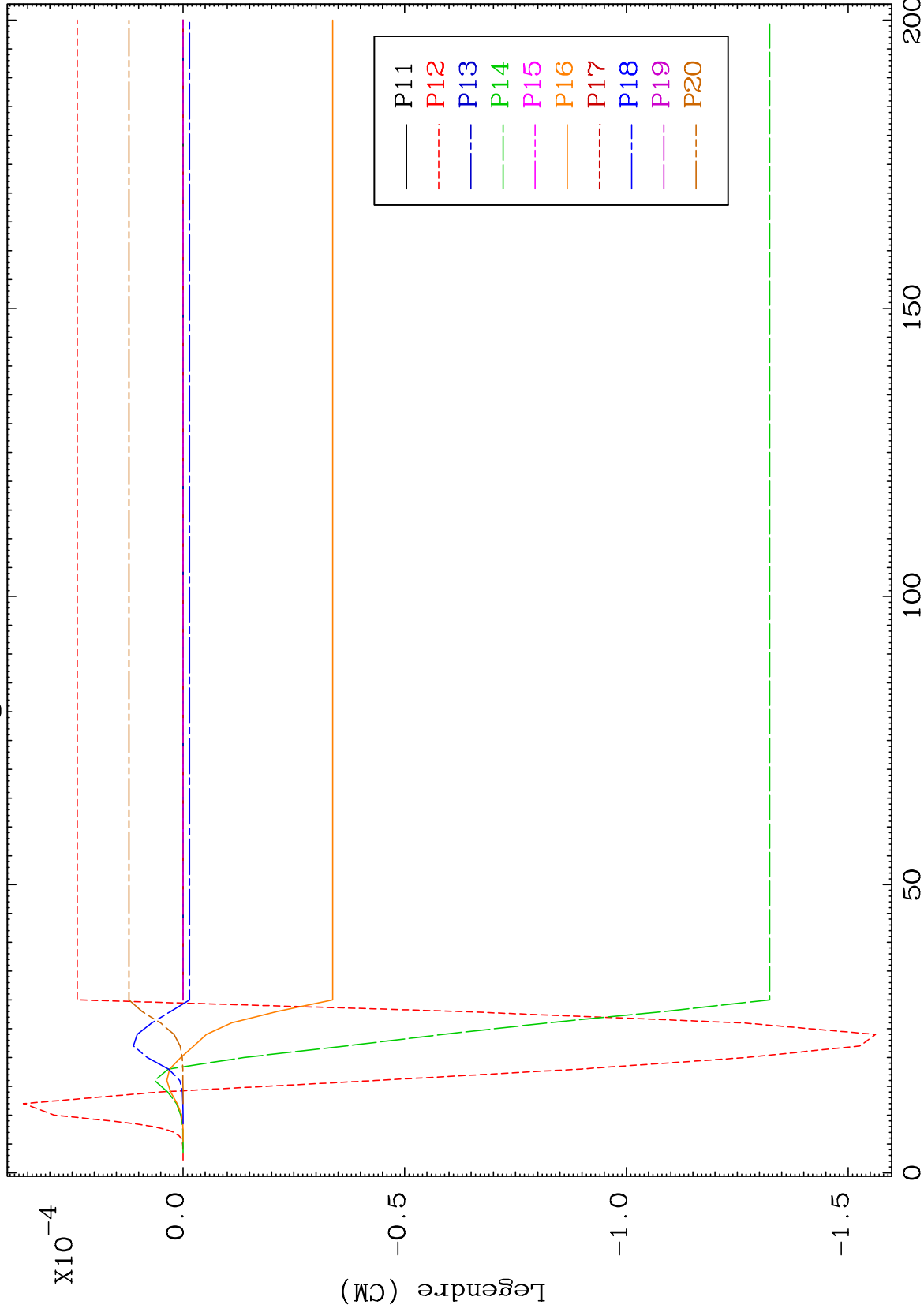
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



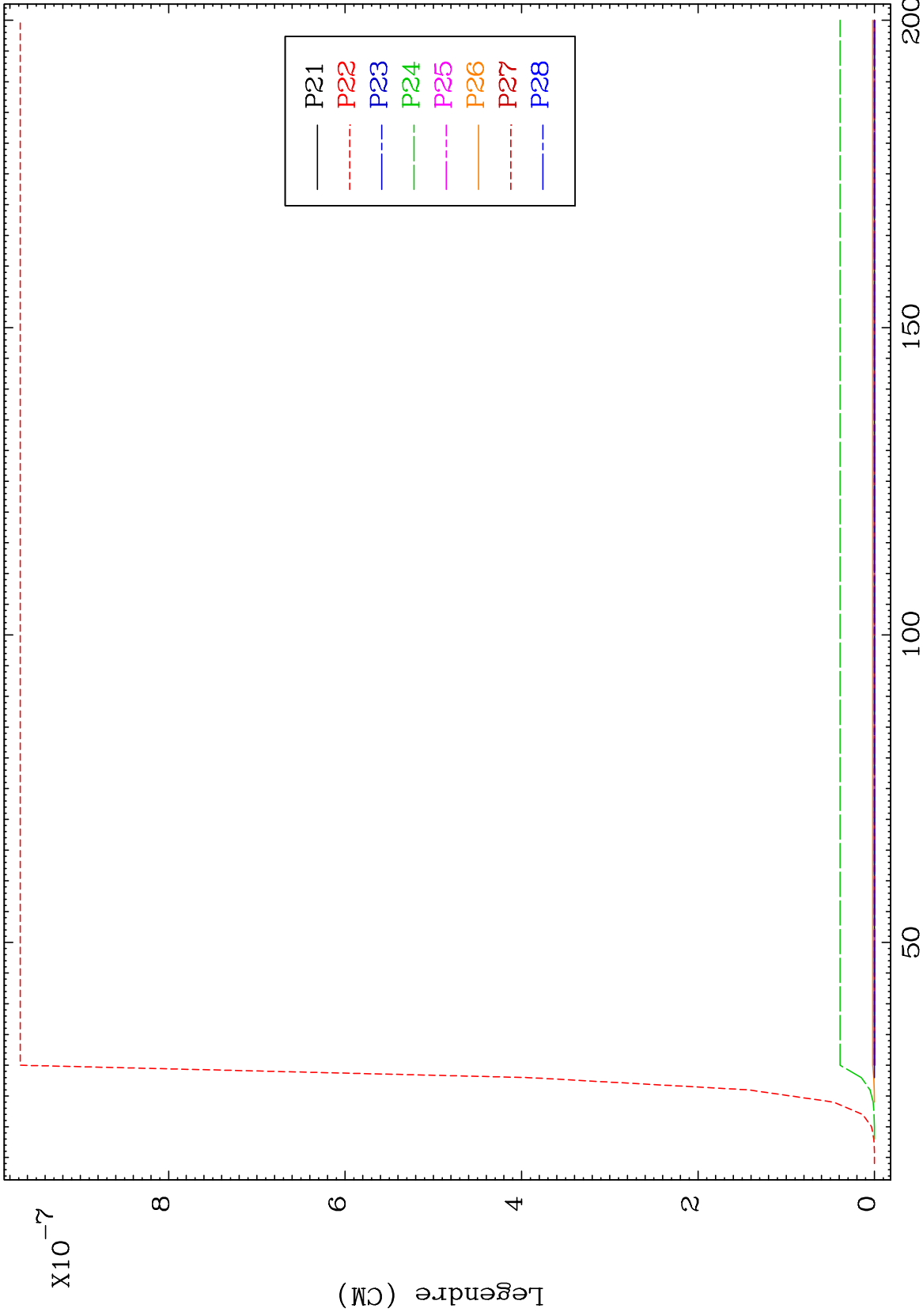
61

73-Ta-176

MAT 7313

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

73-Ta-176



62

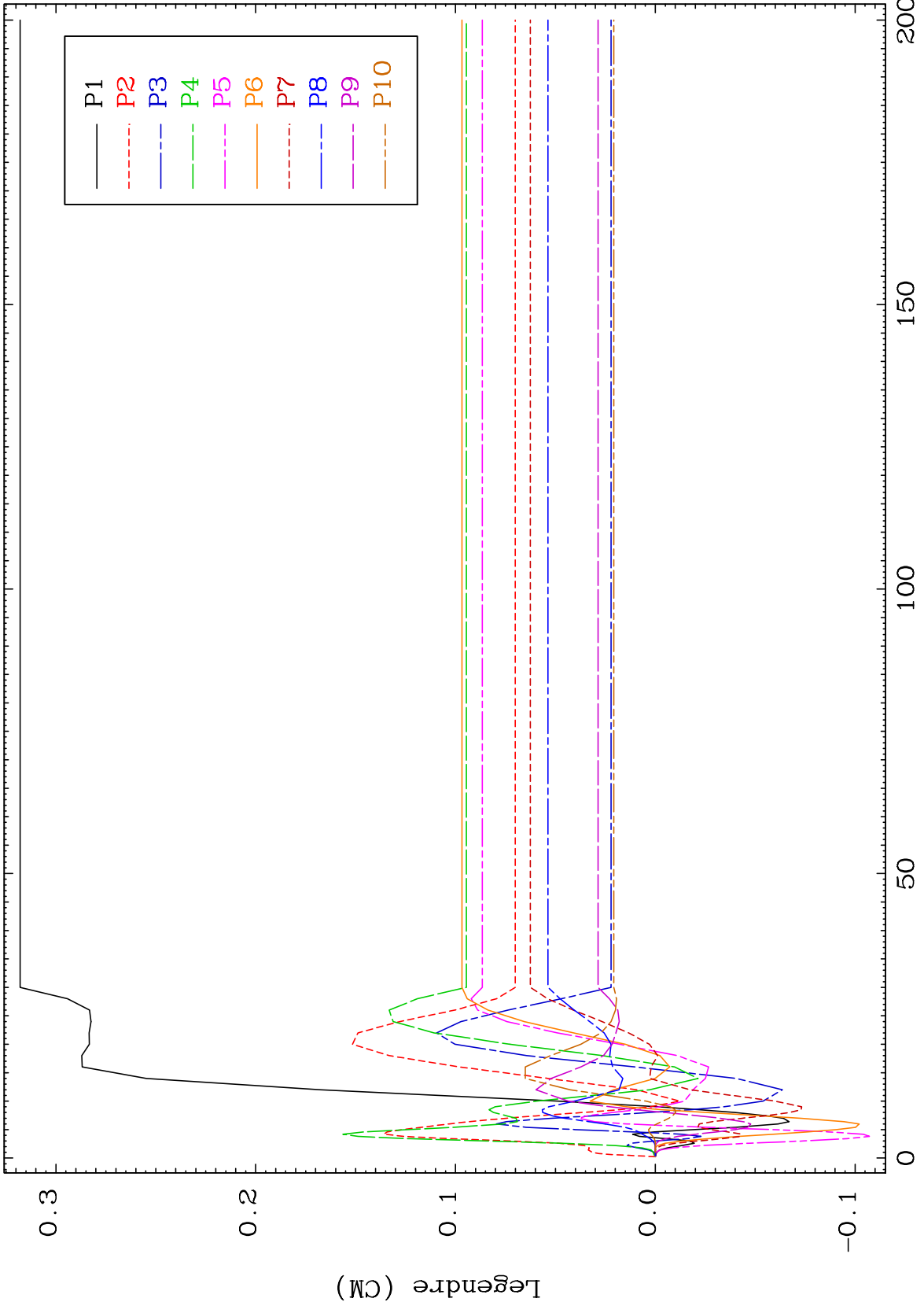
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176

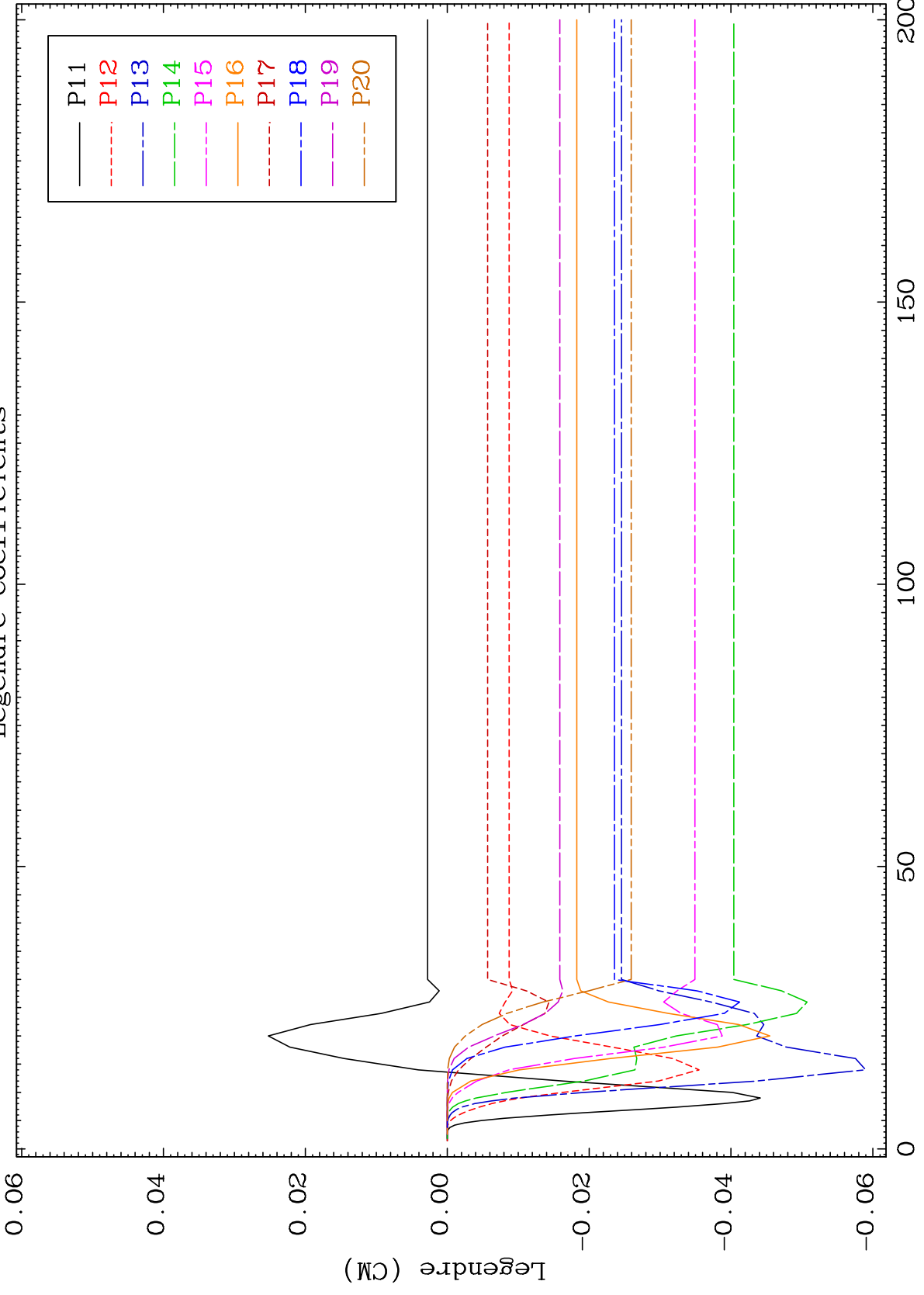


63

Incident Energy (MeV)

73-Ta-176

MAT 7313 MT= 64 (n,n') Level Legendre Coefficients 73-Ta-176

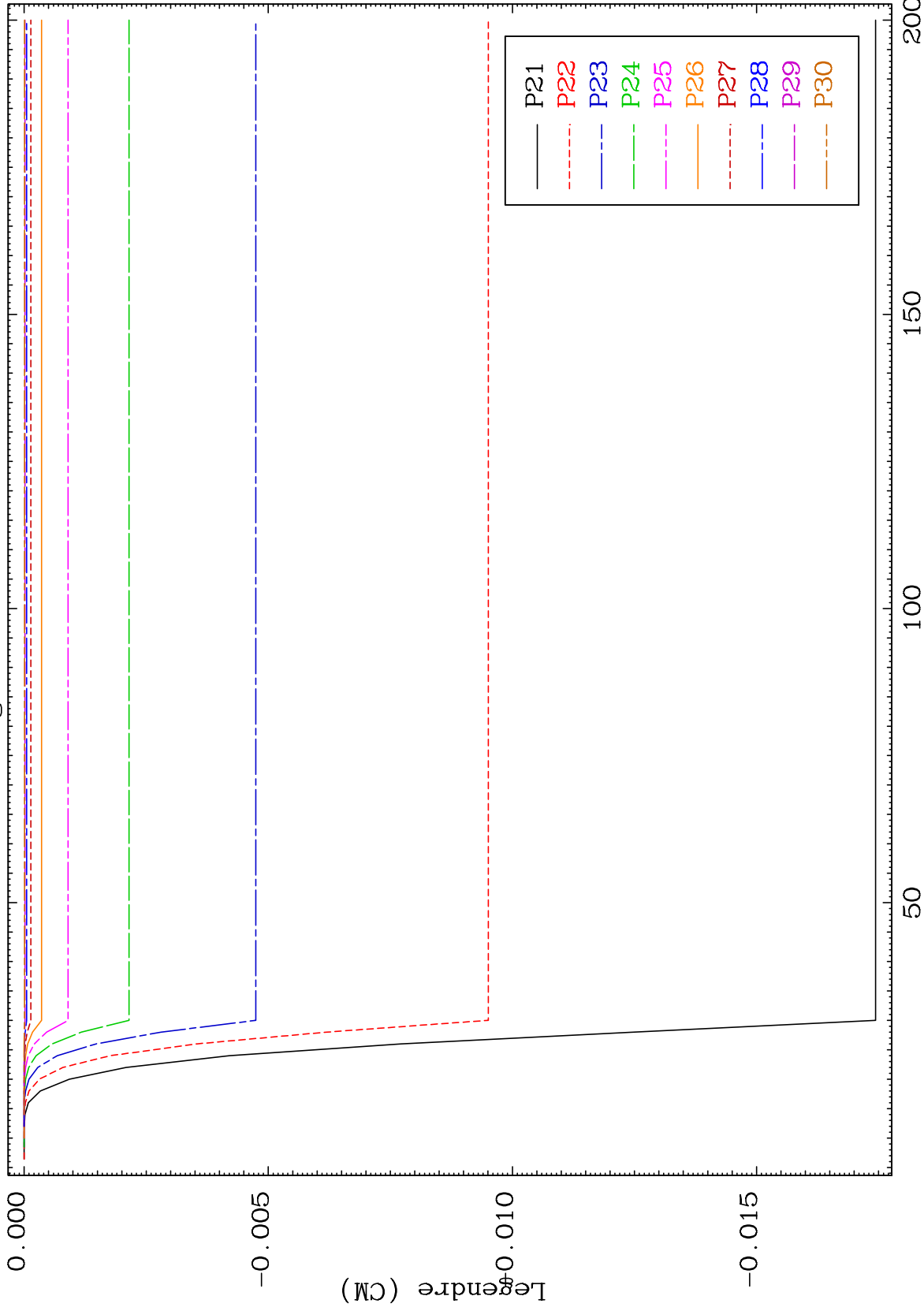


64 73-Ta-176

MAT 7313

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

73-Ta-176



65

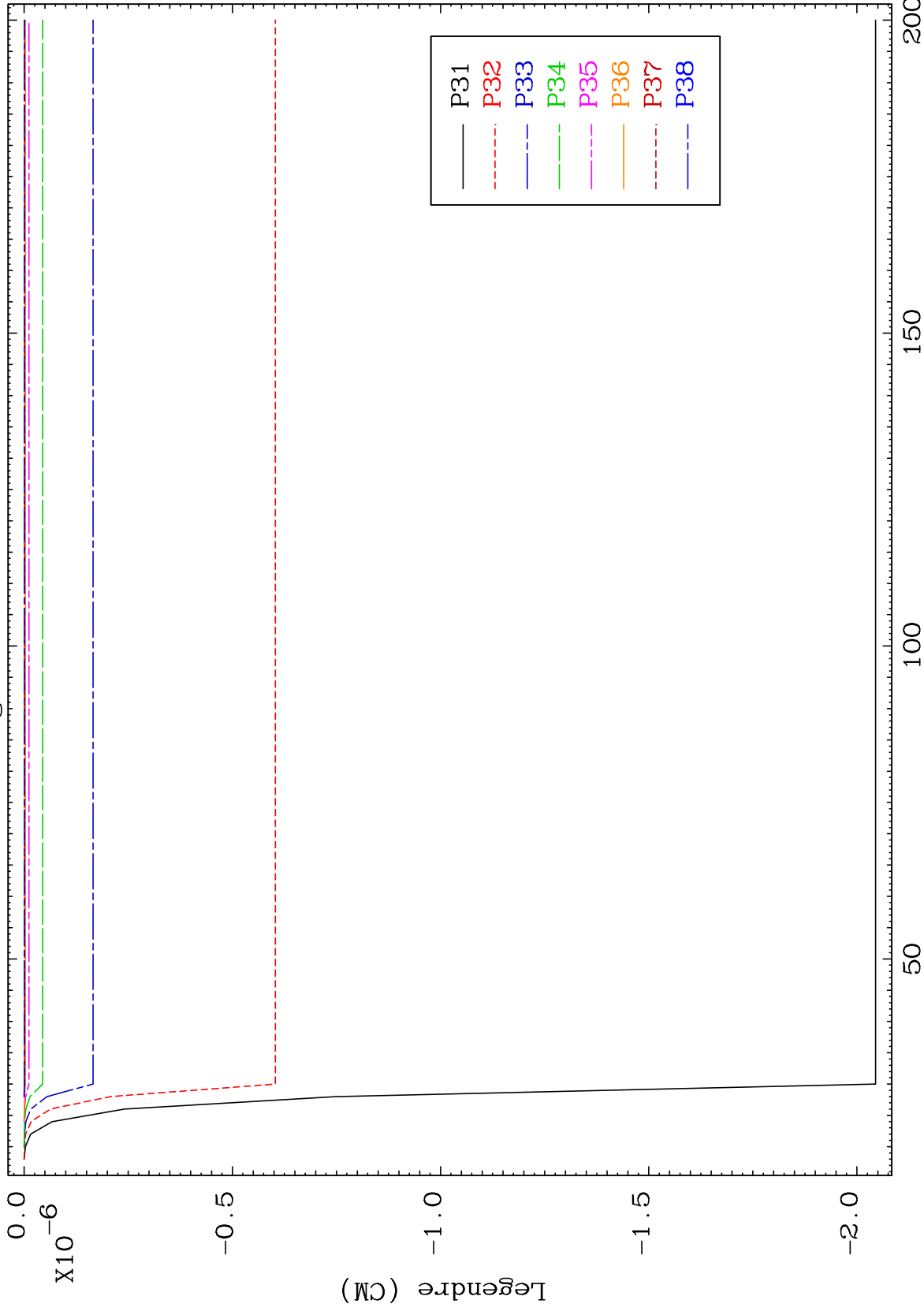
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



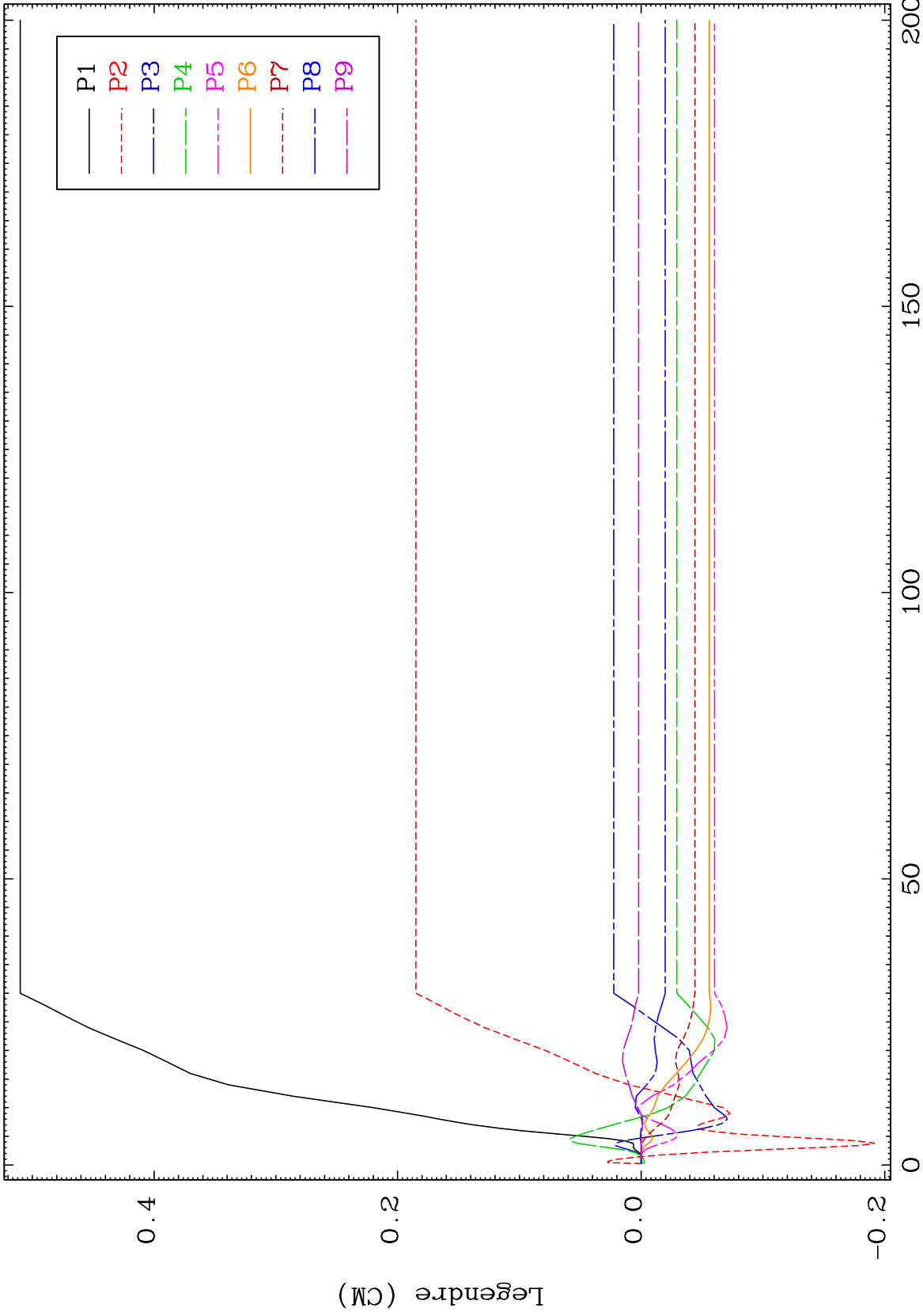
66

73-Ta-176

MAT 7313

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

73-Ta-176



67

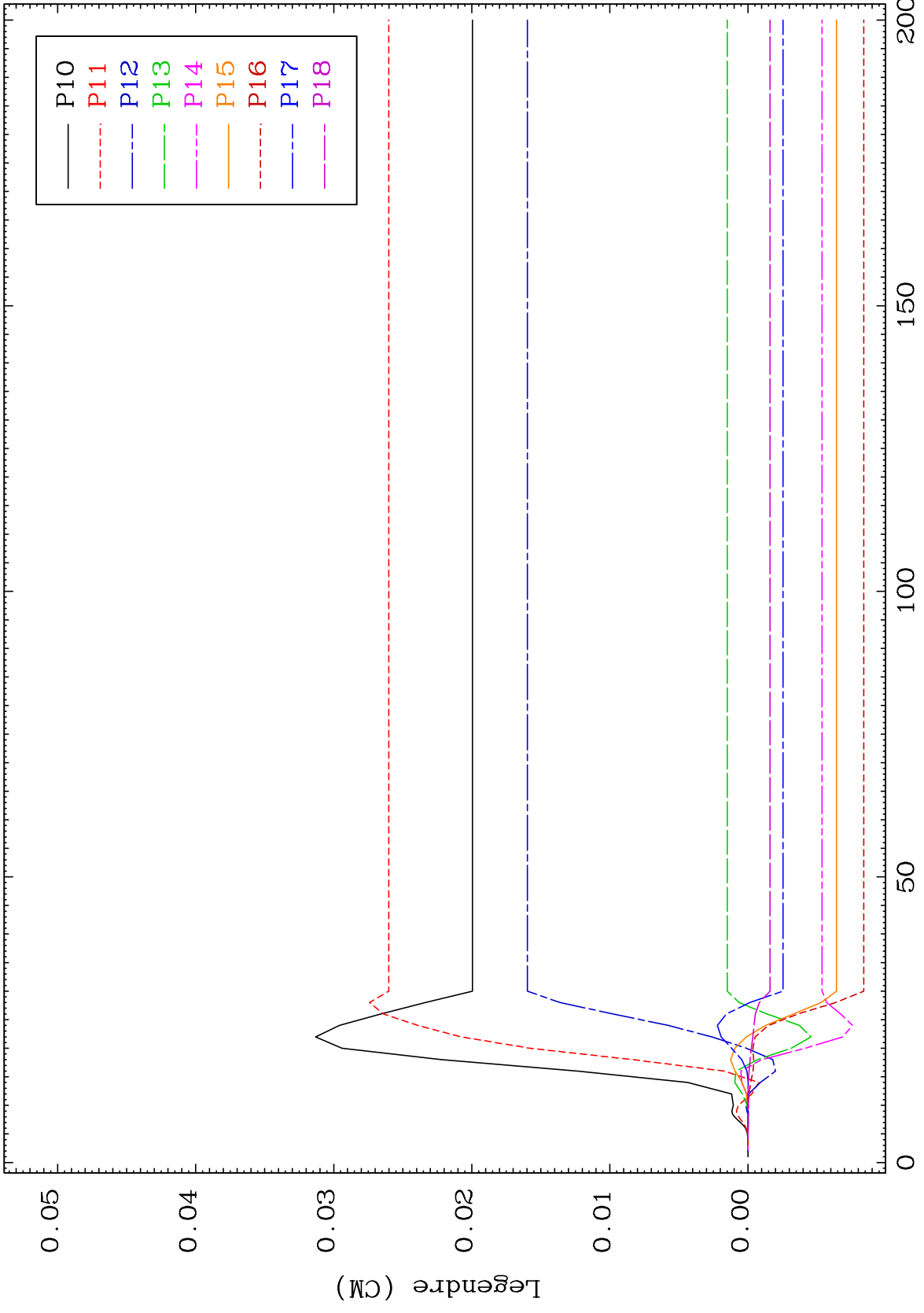
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



68

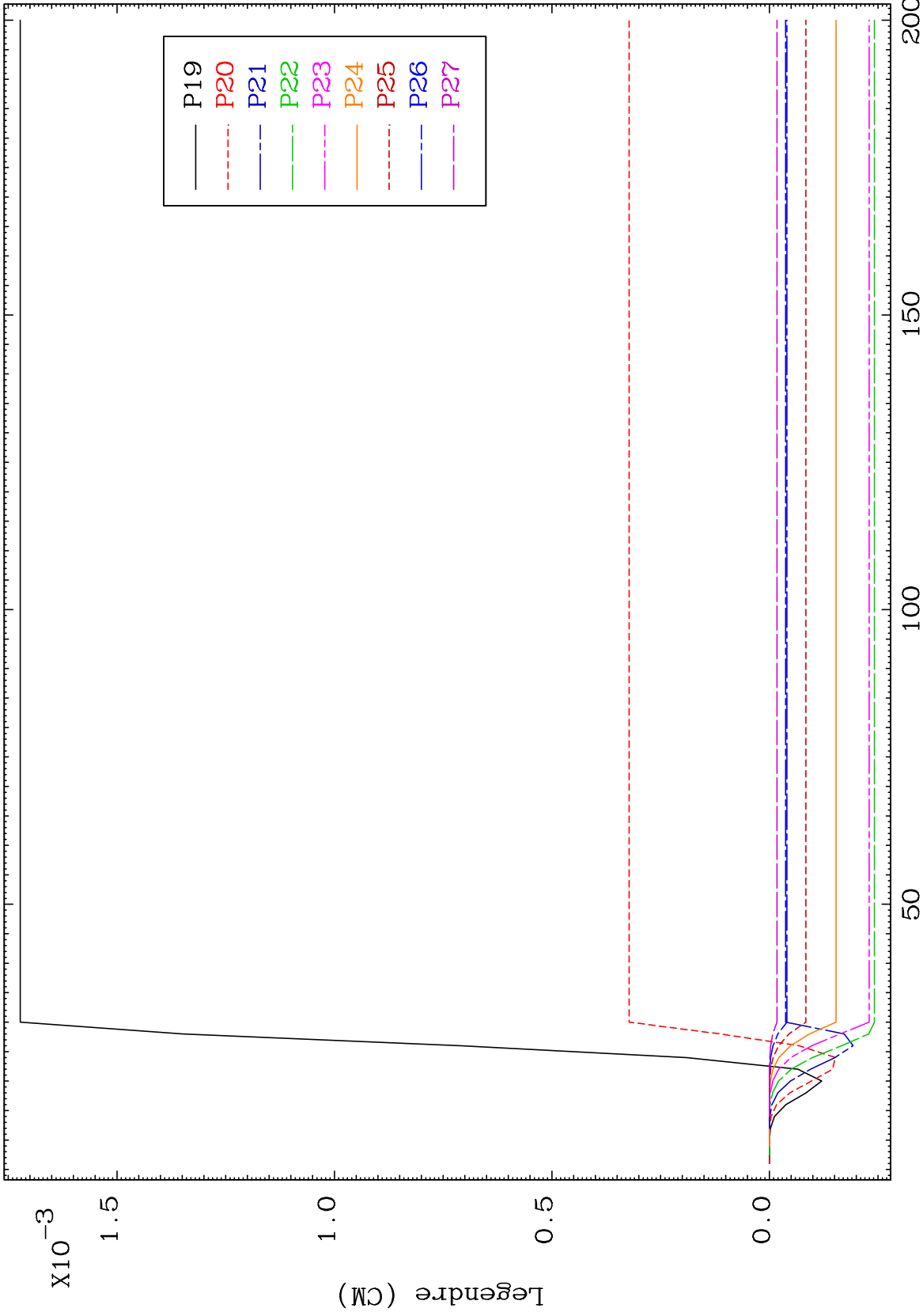
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



69

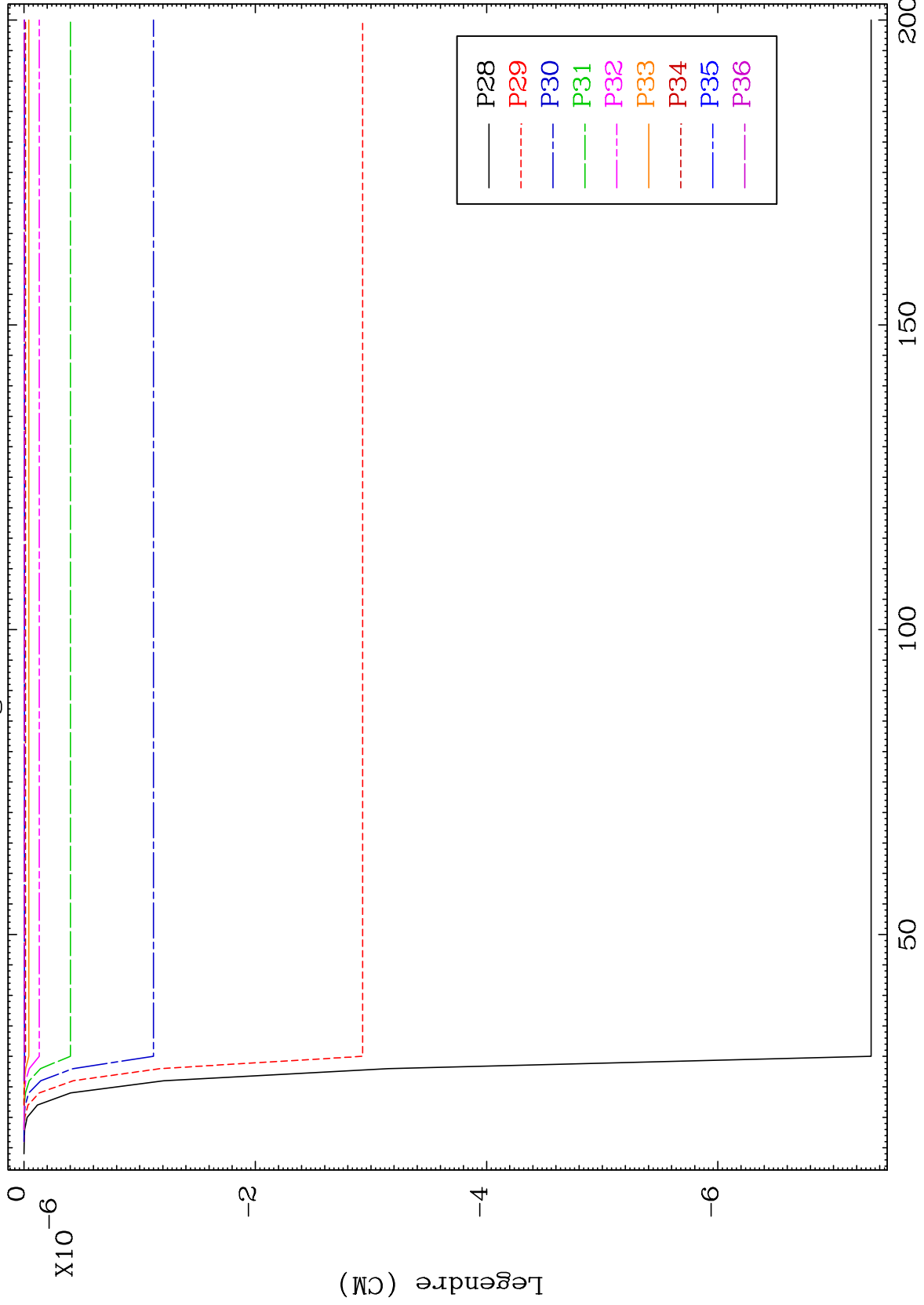
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



73-Ta-176

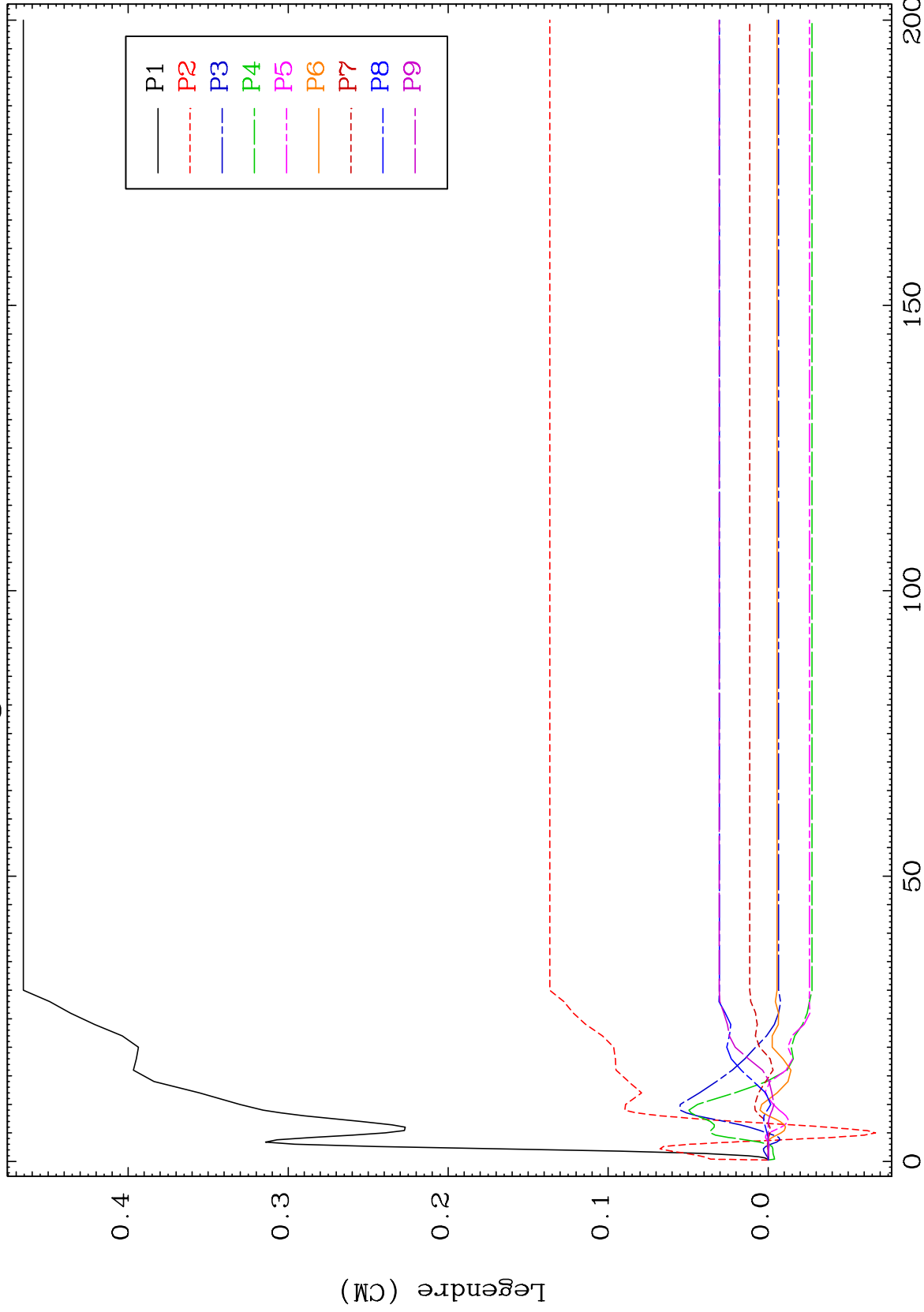
Incident Energy (MeV)

70

MAT 7313

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

73-Ta-176



71

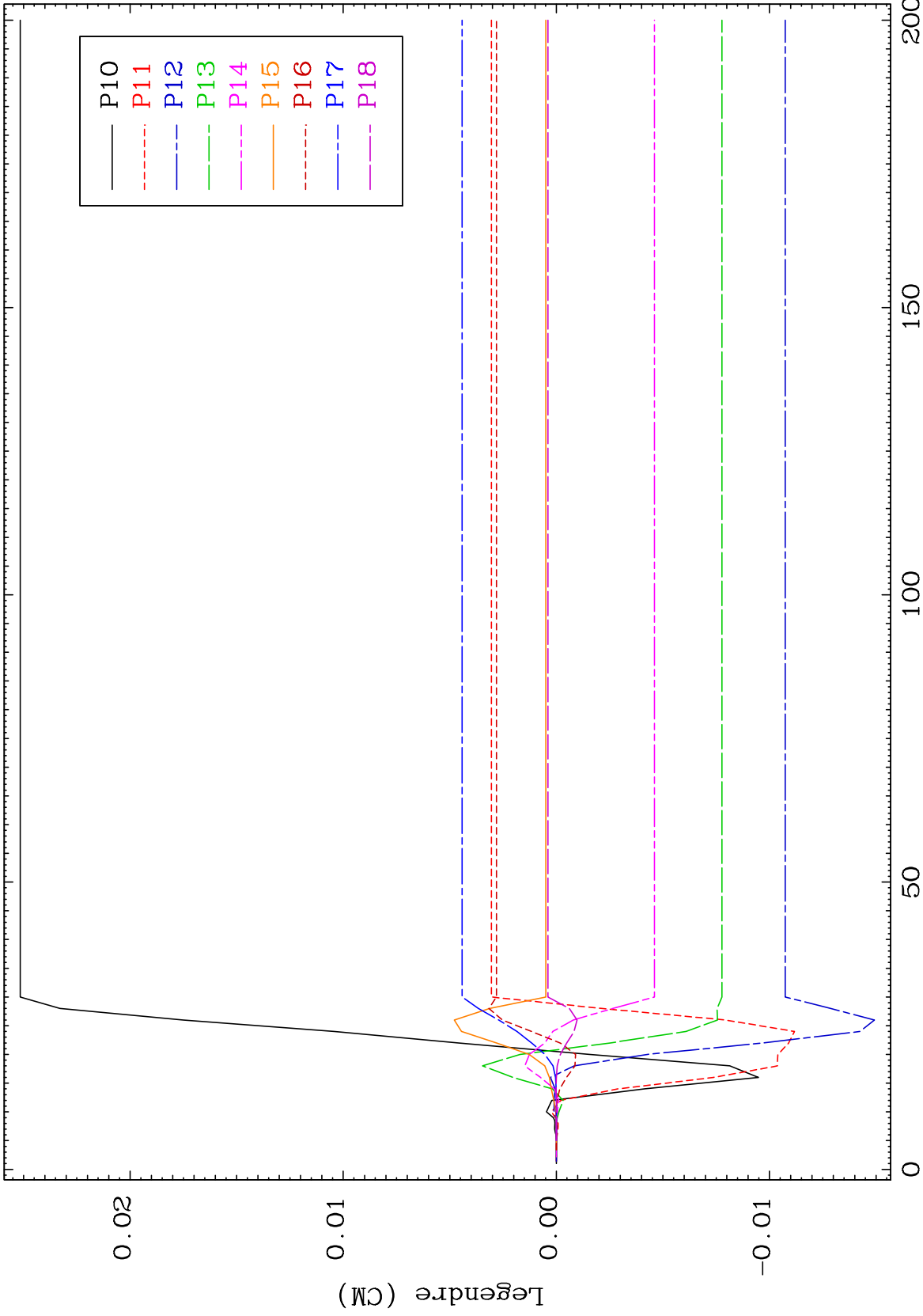
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



72

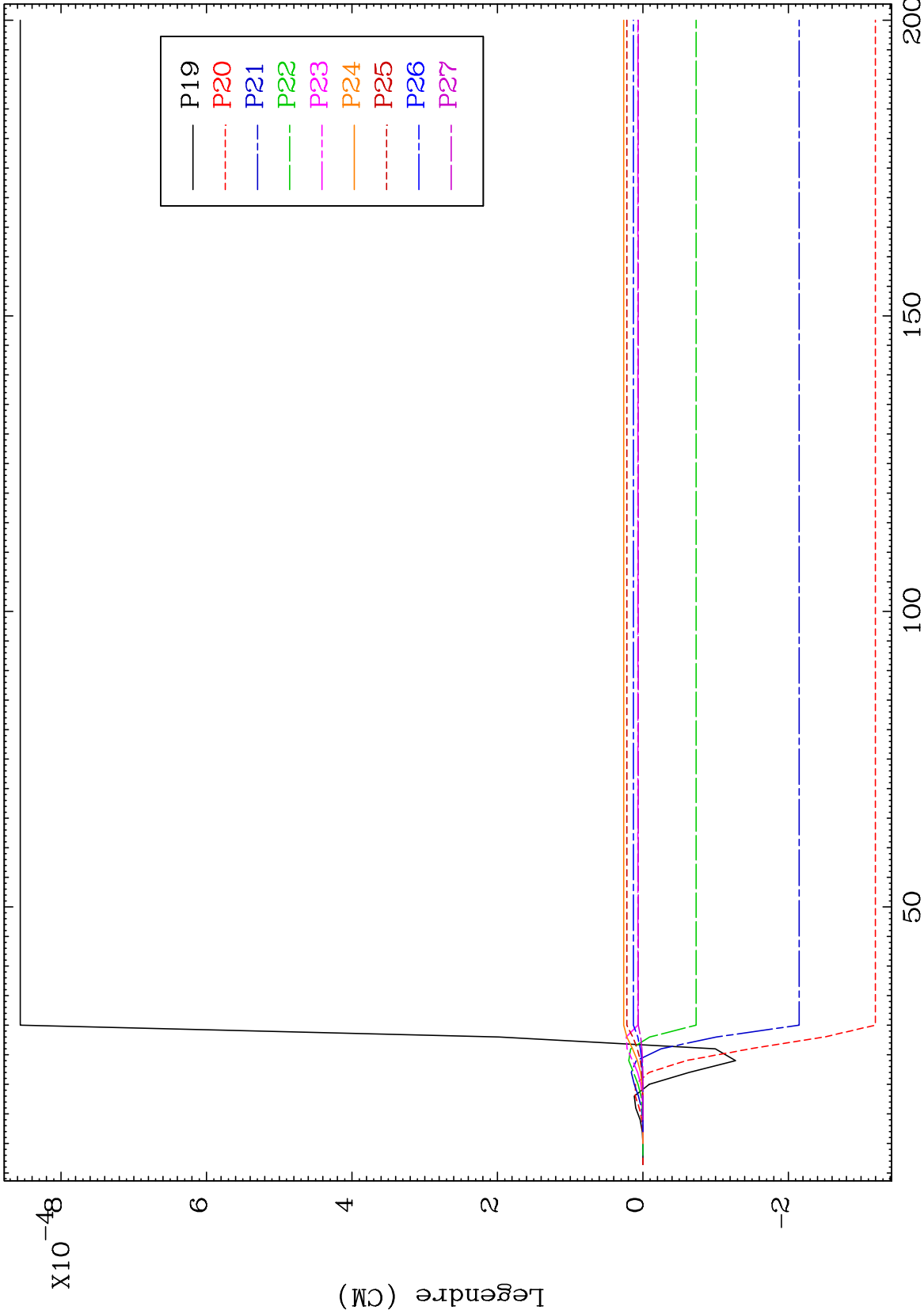
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



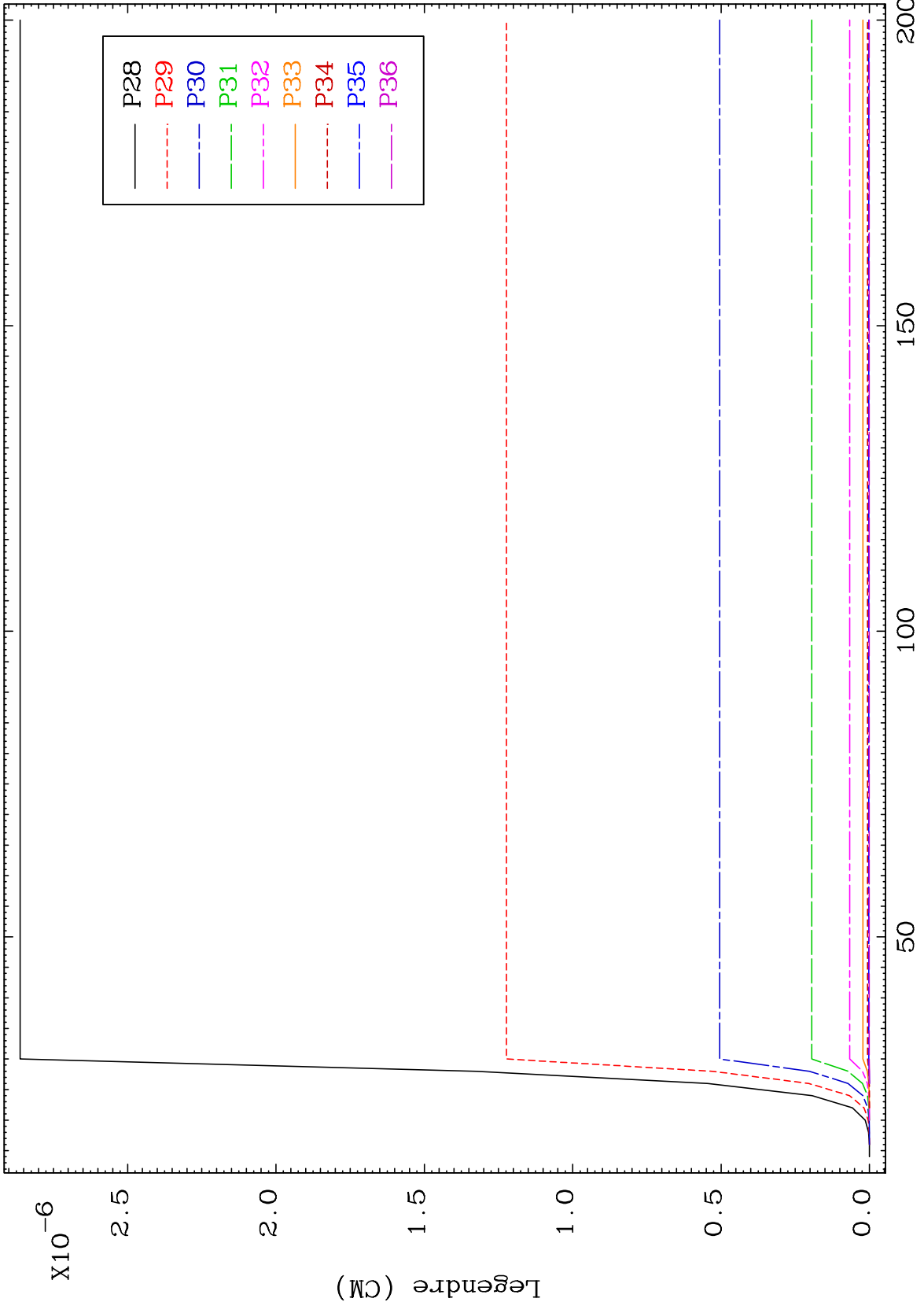
73

73-Ta-176

MAT 7313

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

73-Ta-176



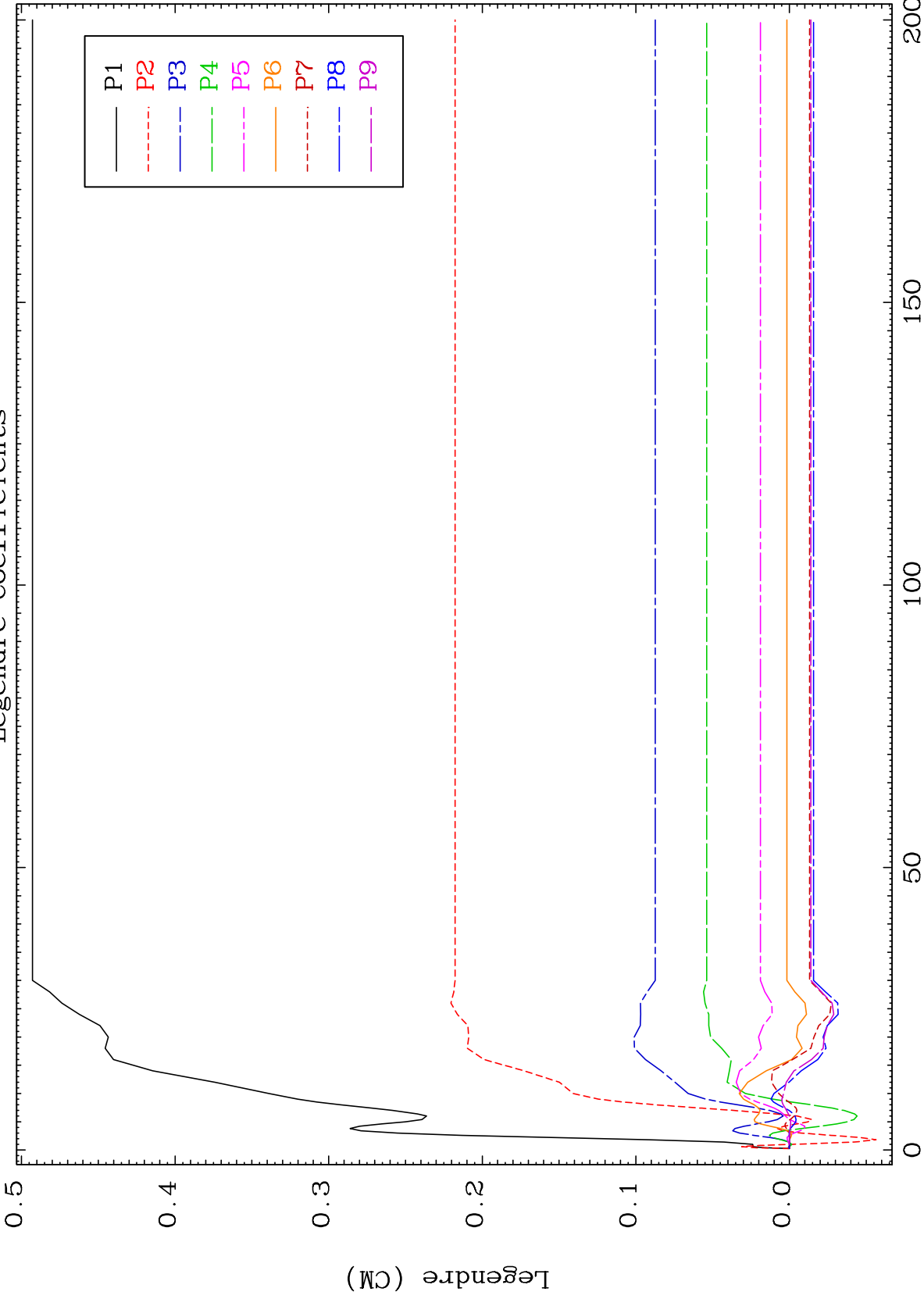
74

73-Ta-176

MAT 7313

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

73-Ta-176



75

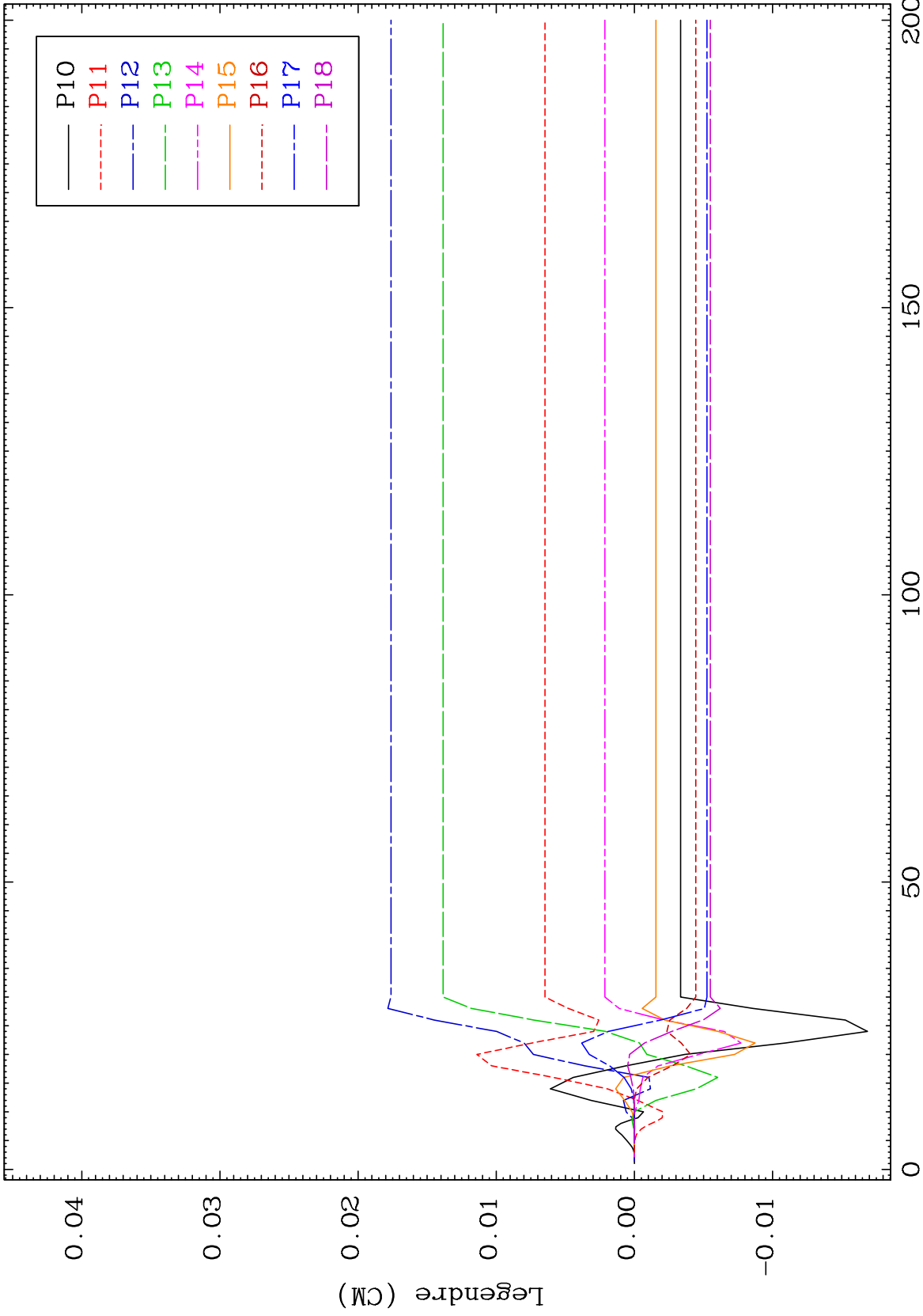
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



76

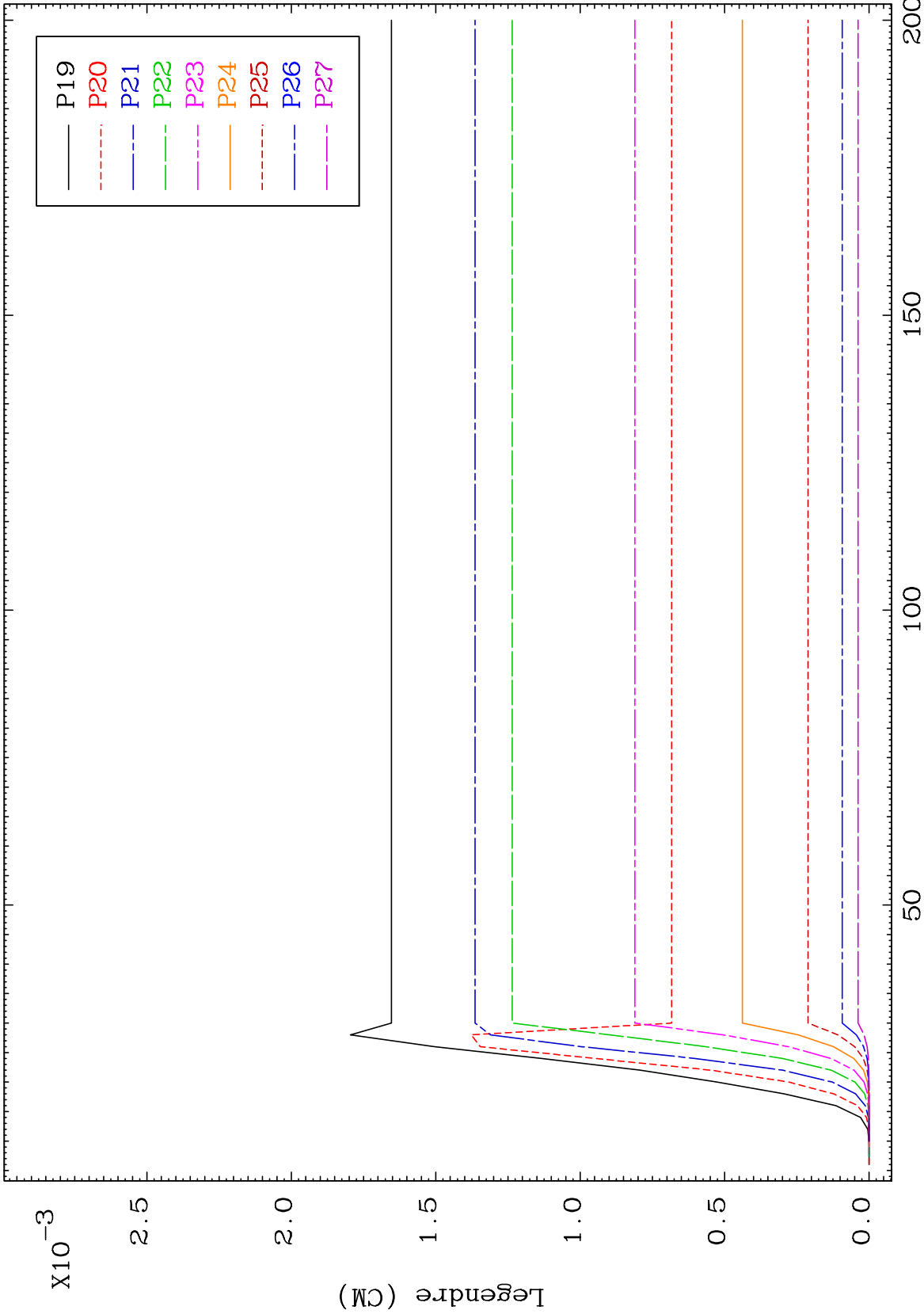
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



77

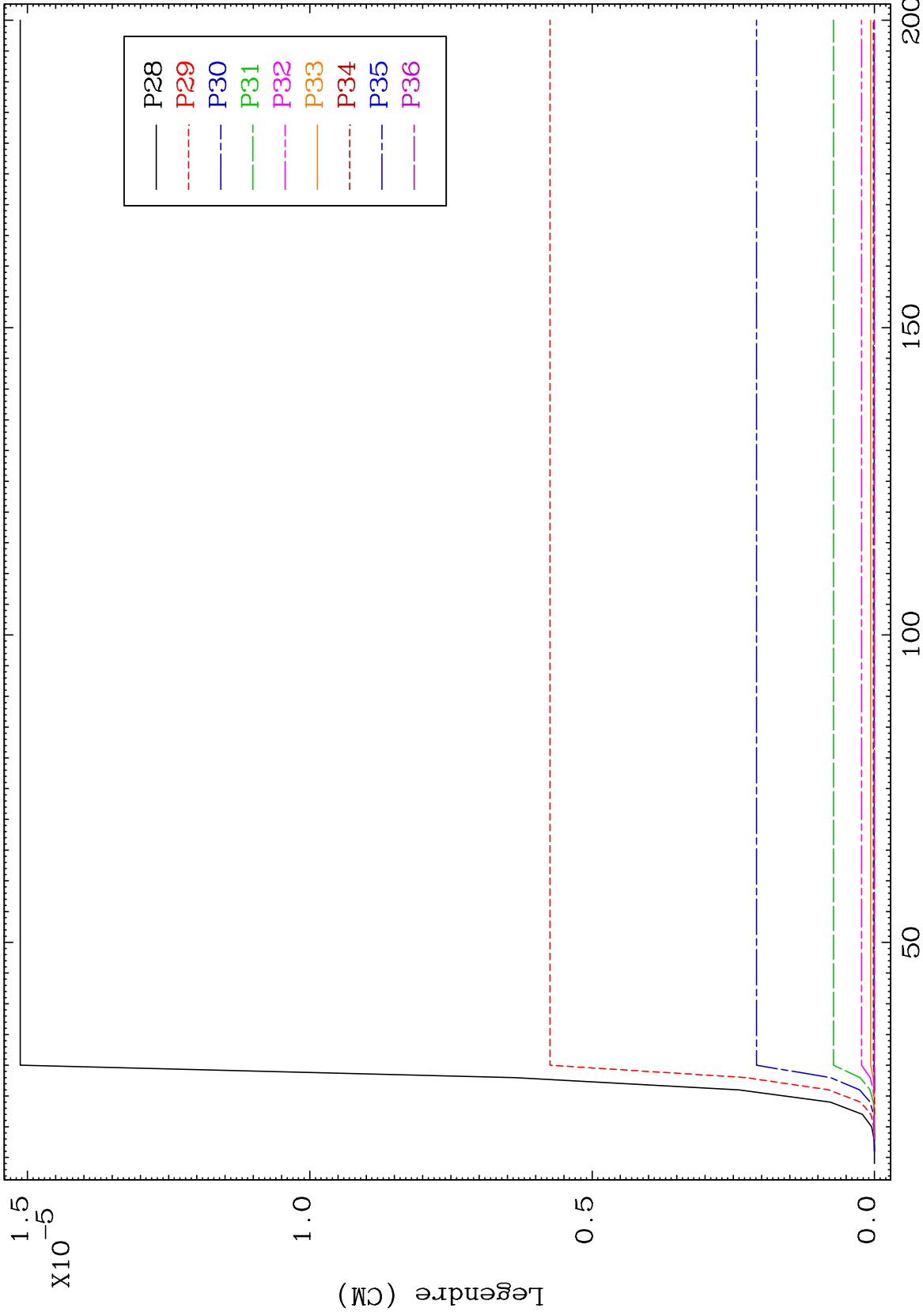
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



78

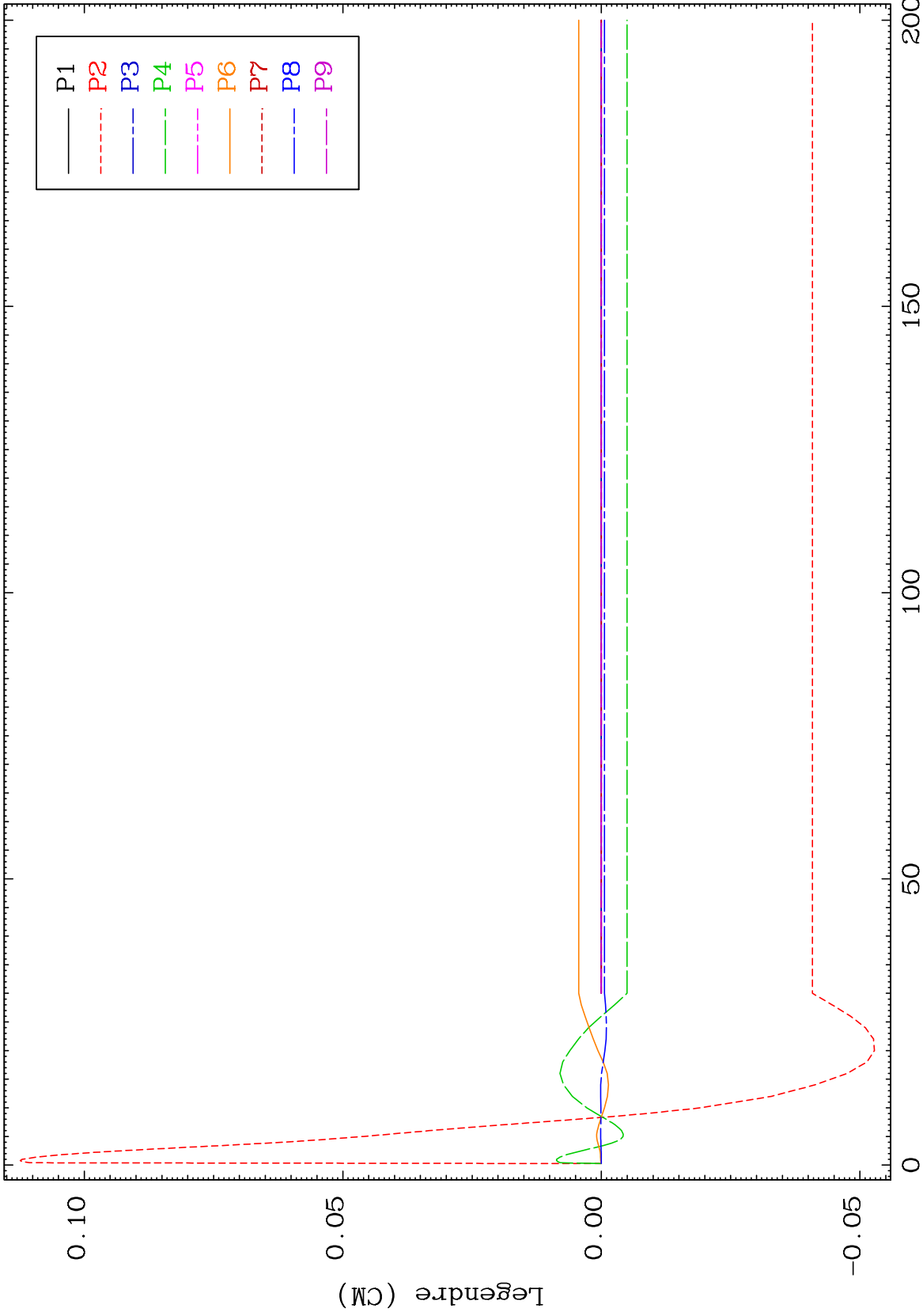
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



79

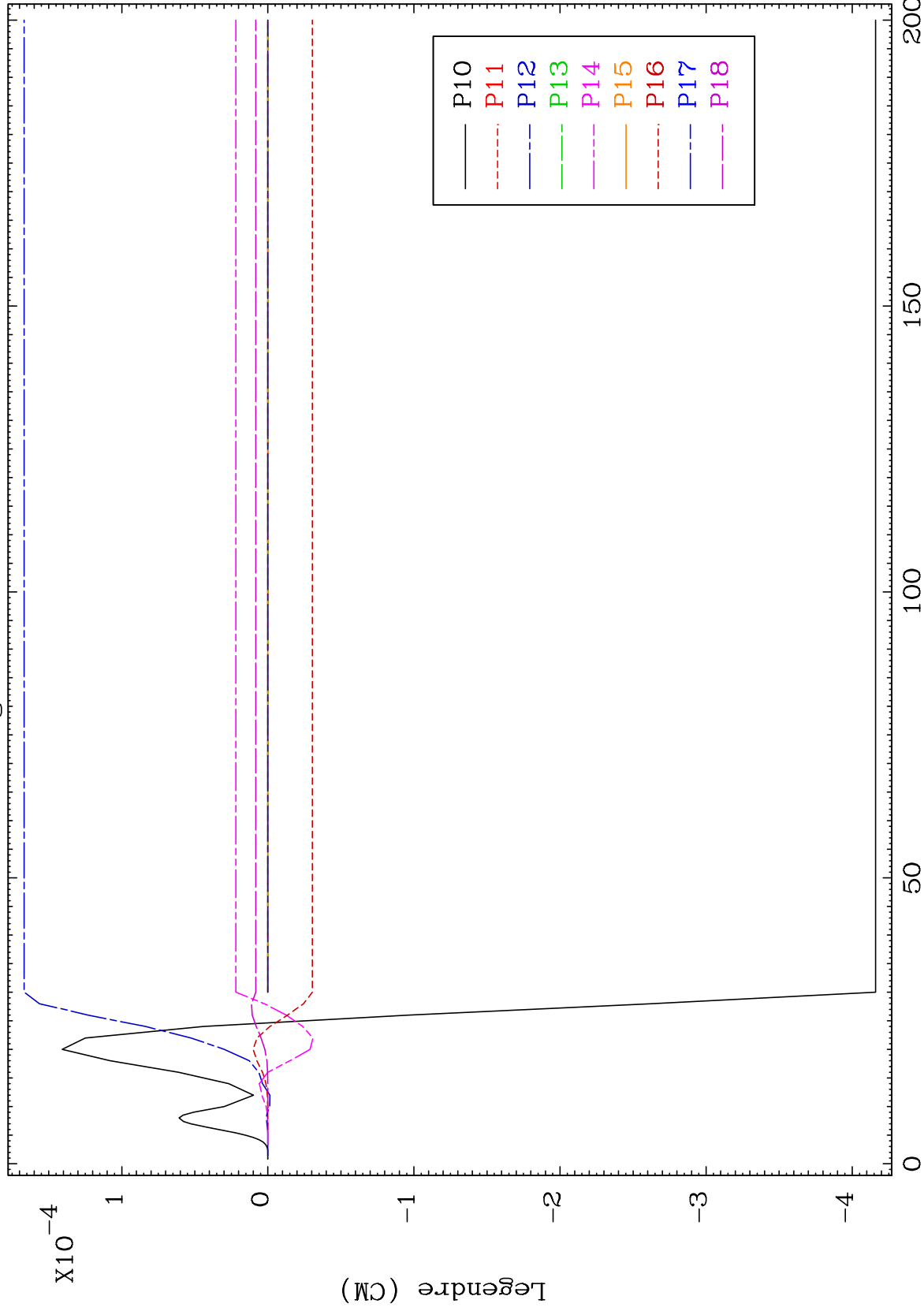
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176

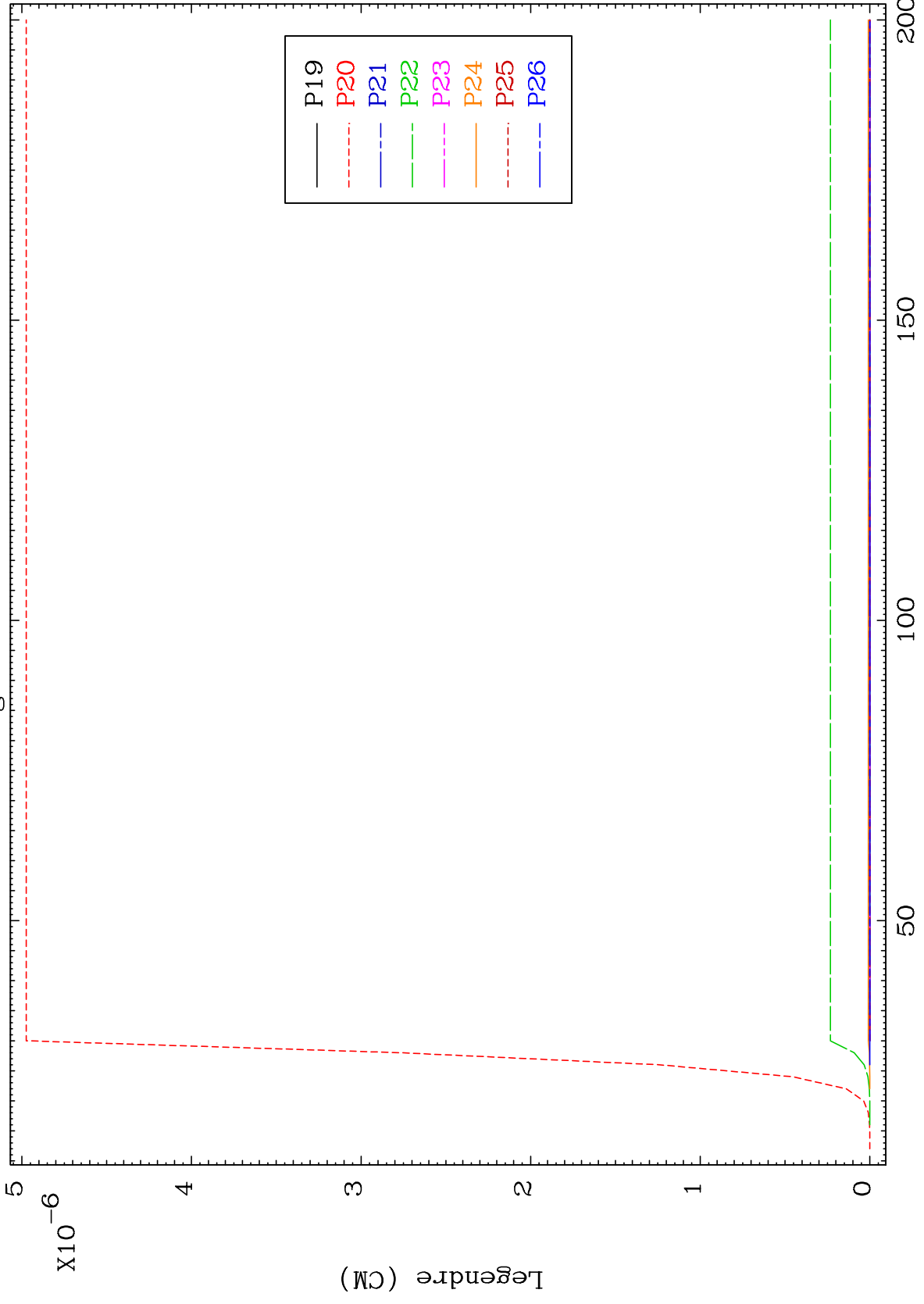


80

Incident Energy (MeV)

73-Ta-176

MAT 7313 MT= 68 (n,n') Level Legendre Coefficients 73-Ta-176

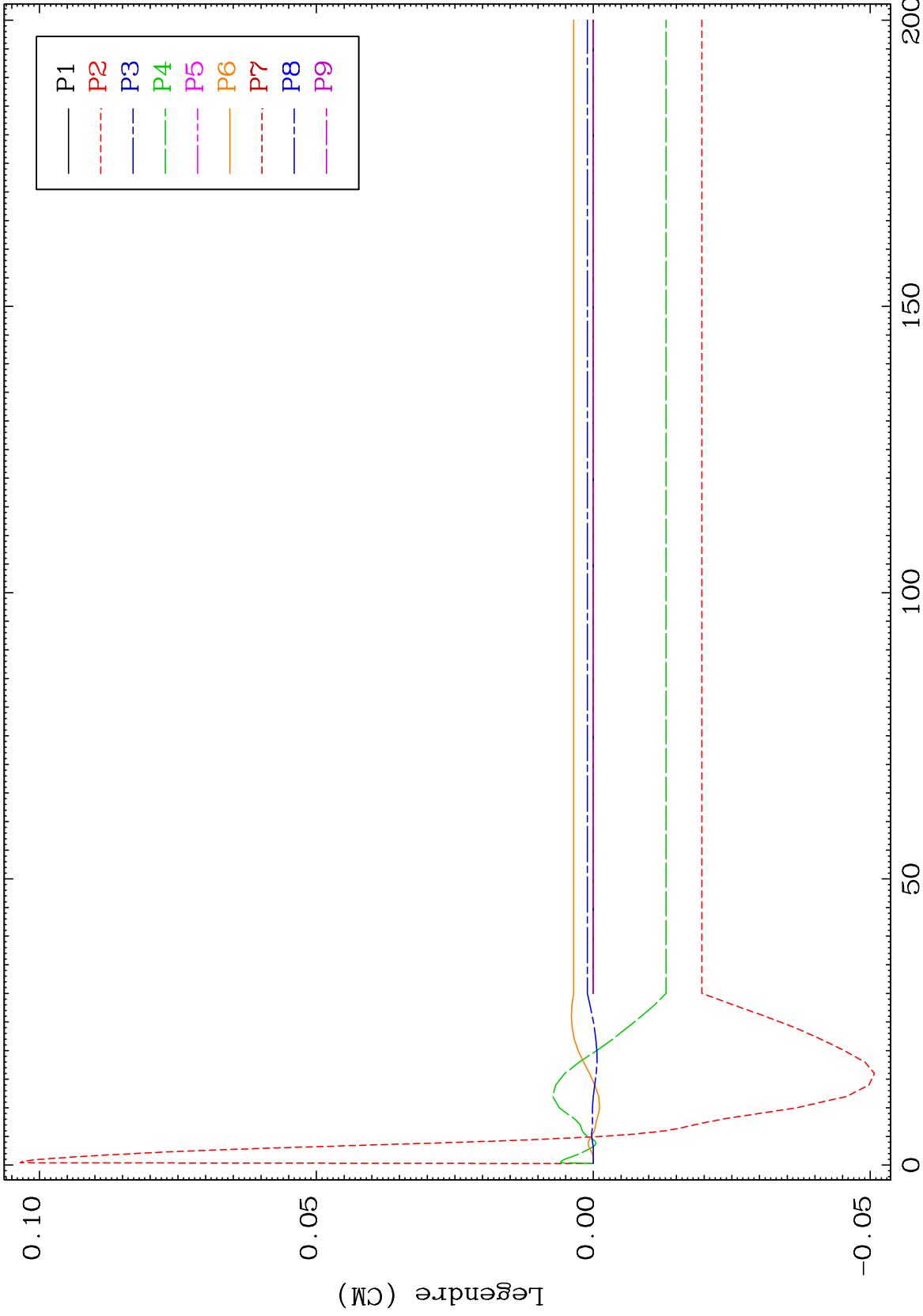


81 73-Ta-176

MAT 7313

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

73-Ta-176



82

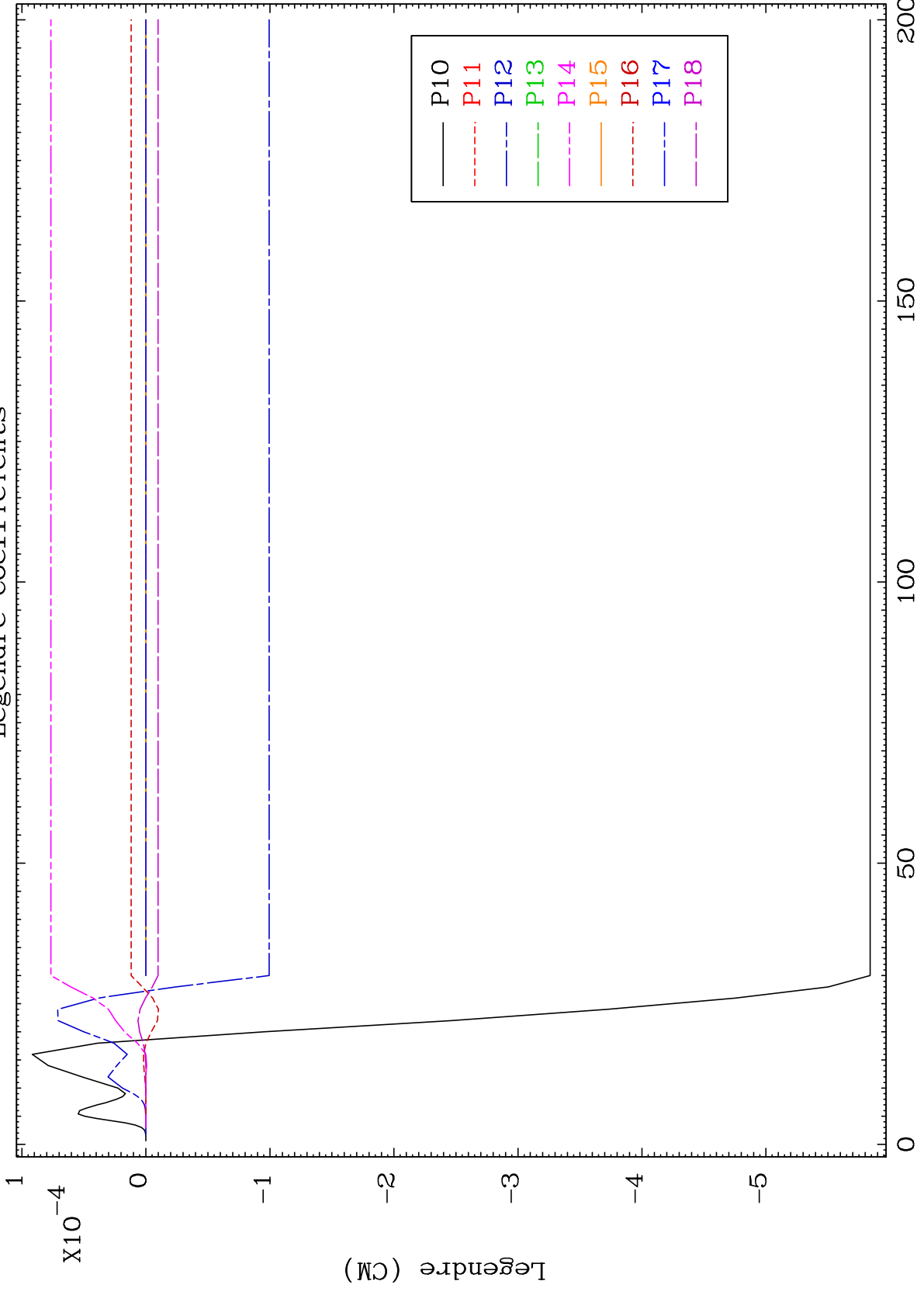
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176

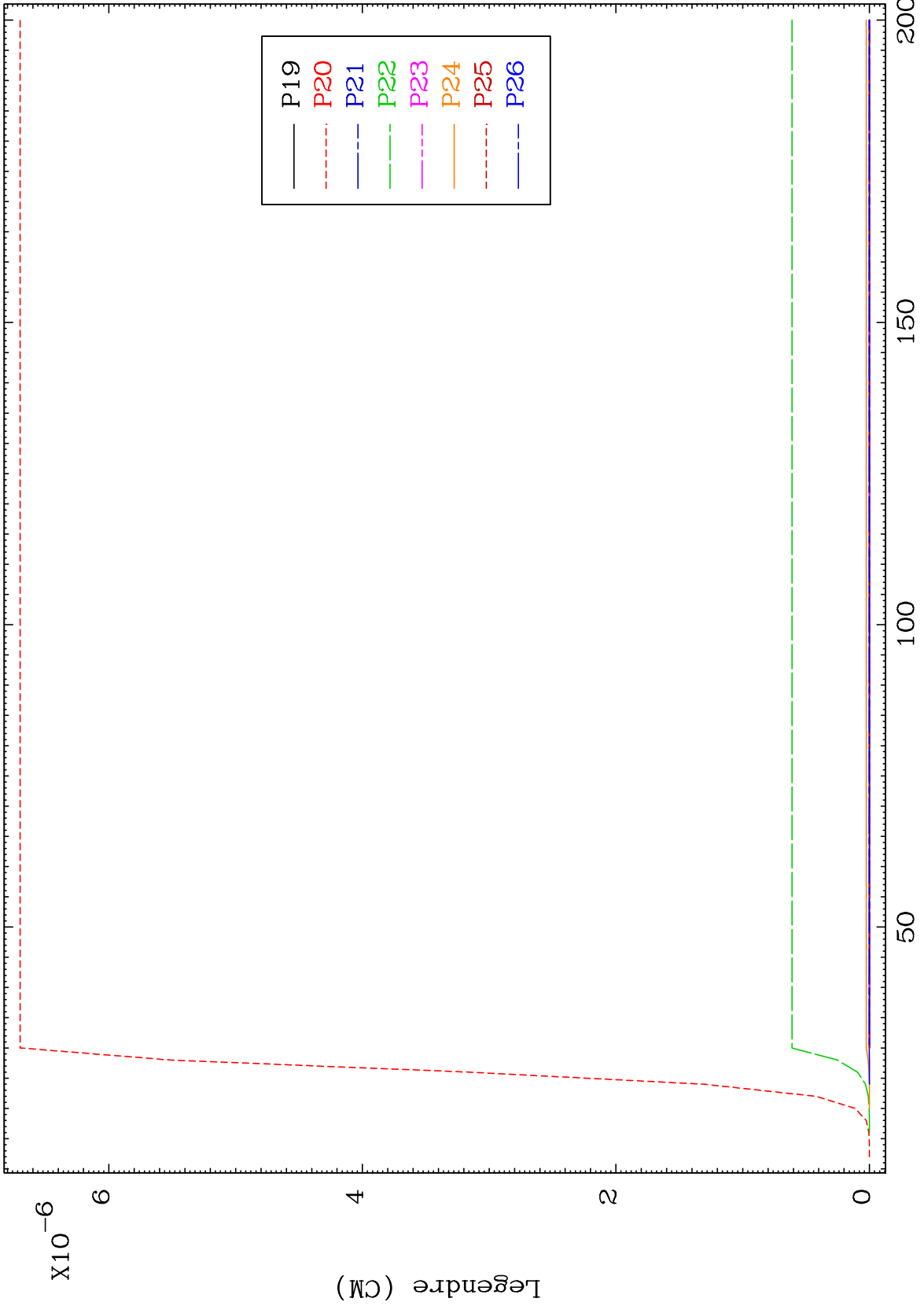


83

Incident Energy (MeV)

73-Ta-176

MAT 7313 MT= 69 (n,n') Level Legendre Coefficients 73-Ta-176

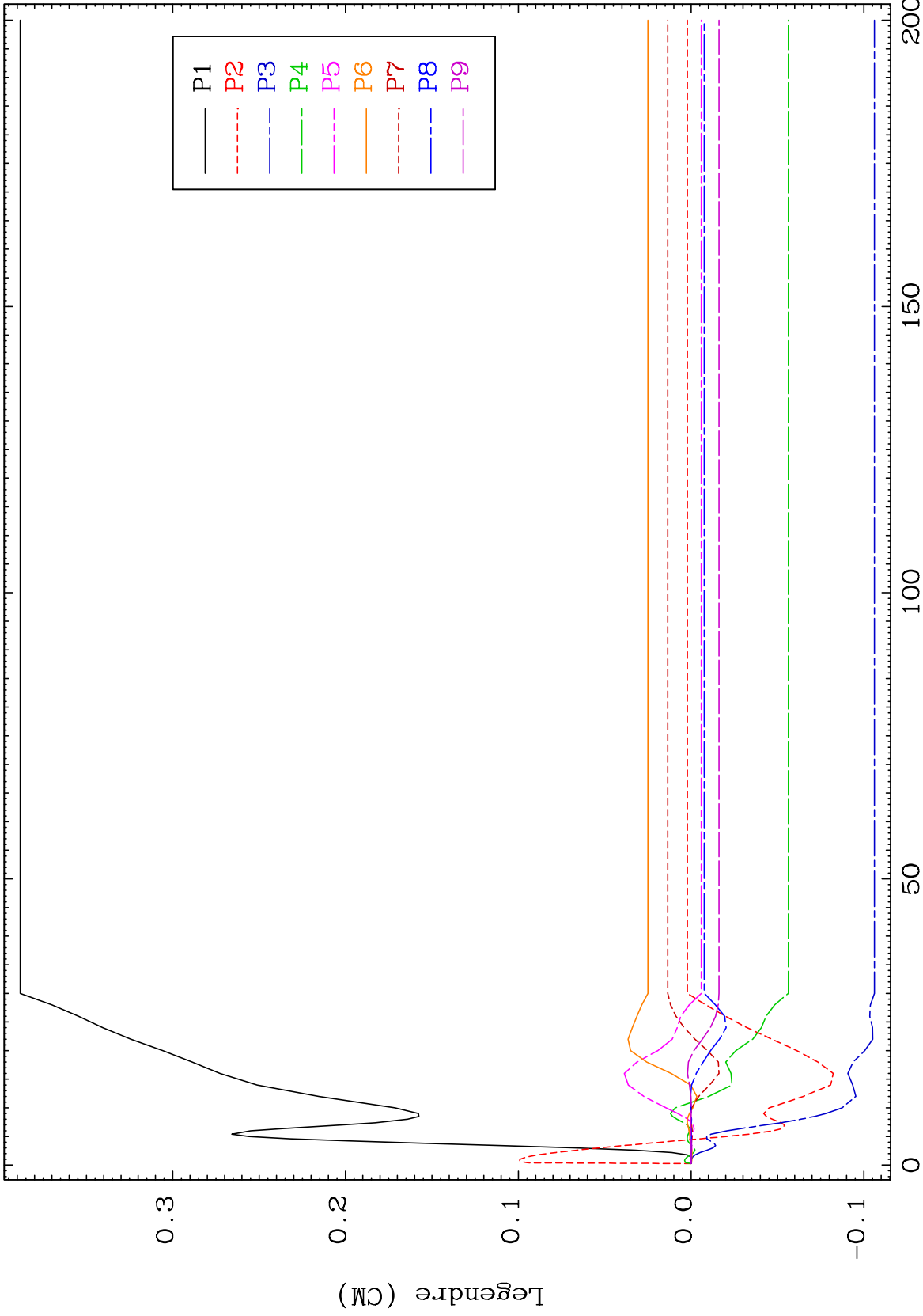


84 Incident Energy (MeV) 73-Ta-176

MAT 7313

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

73-Ta-176



85

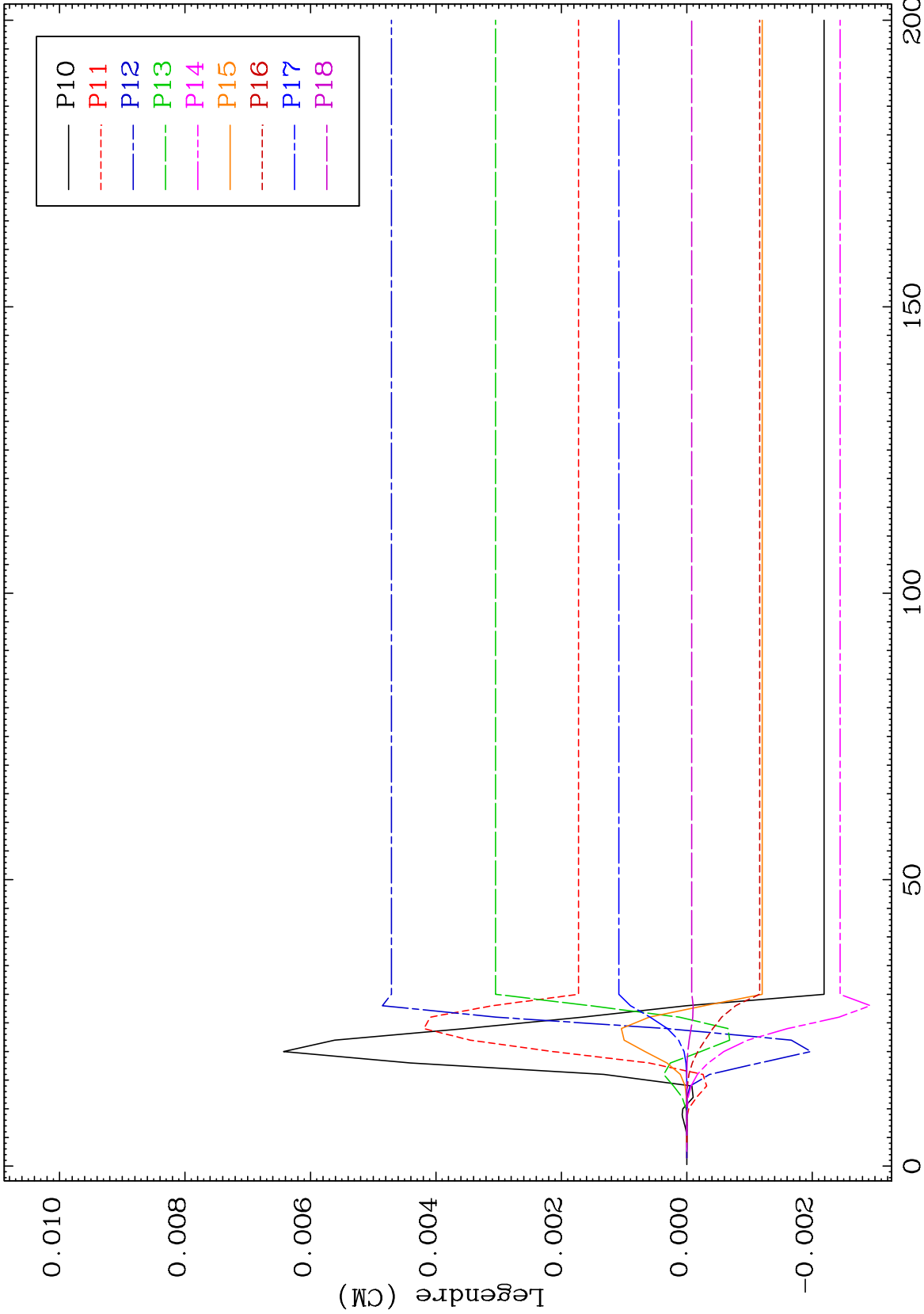
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



86

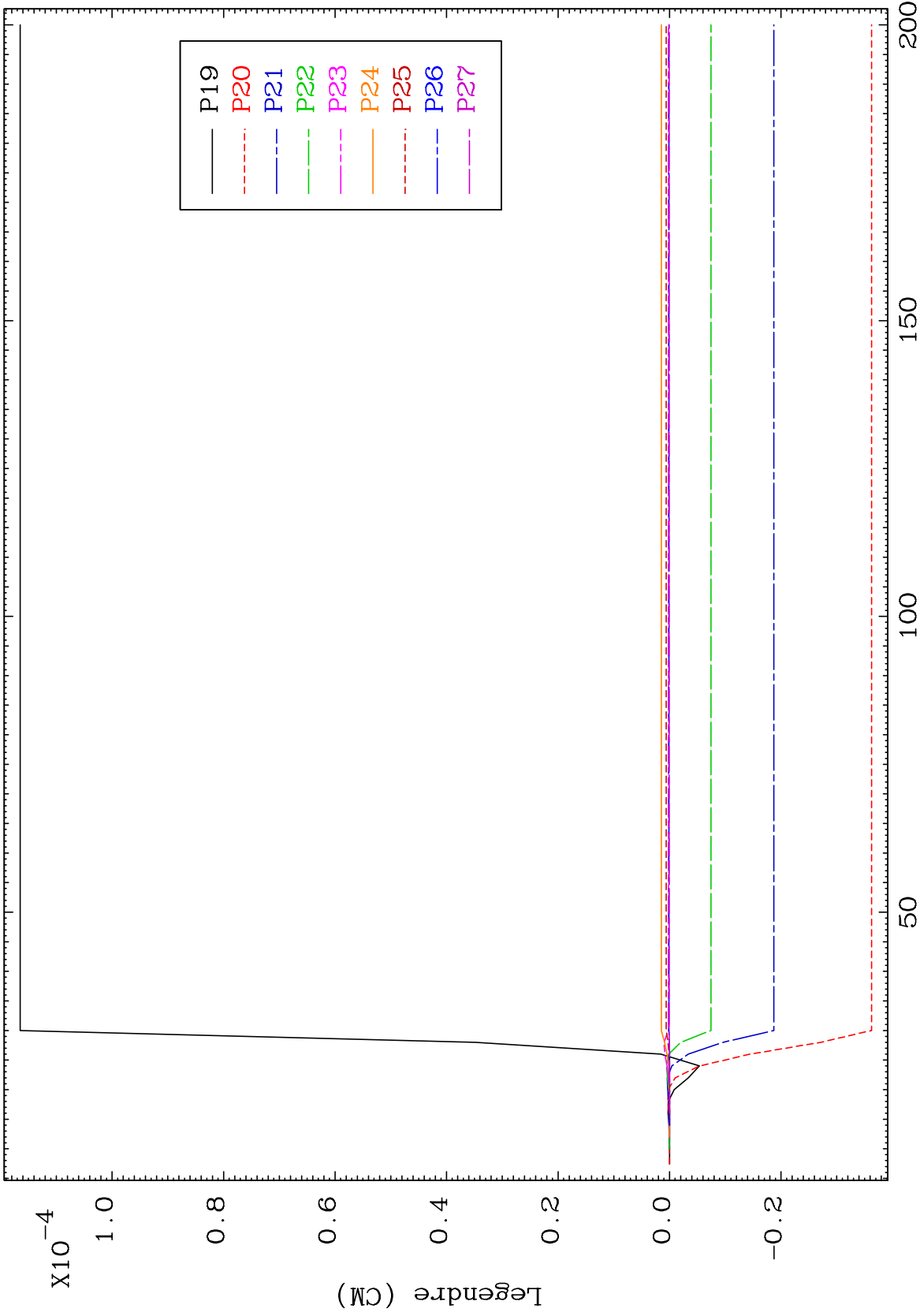
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



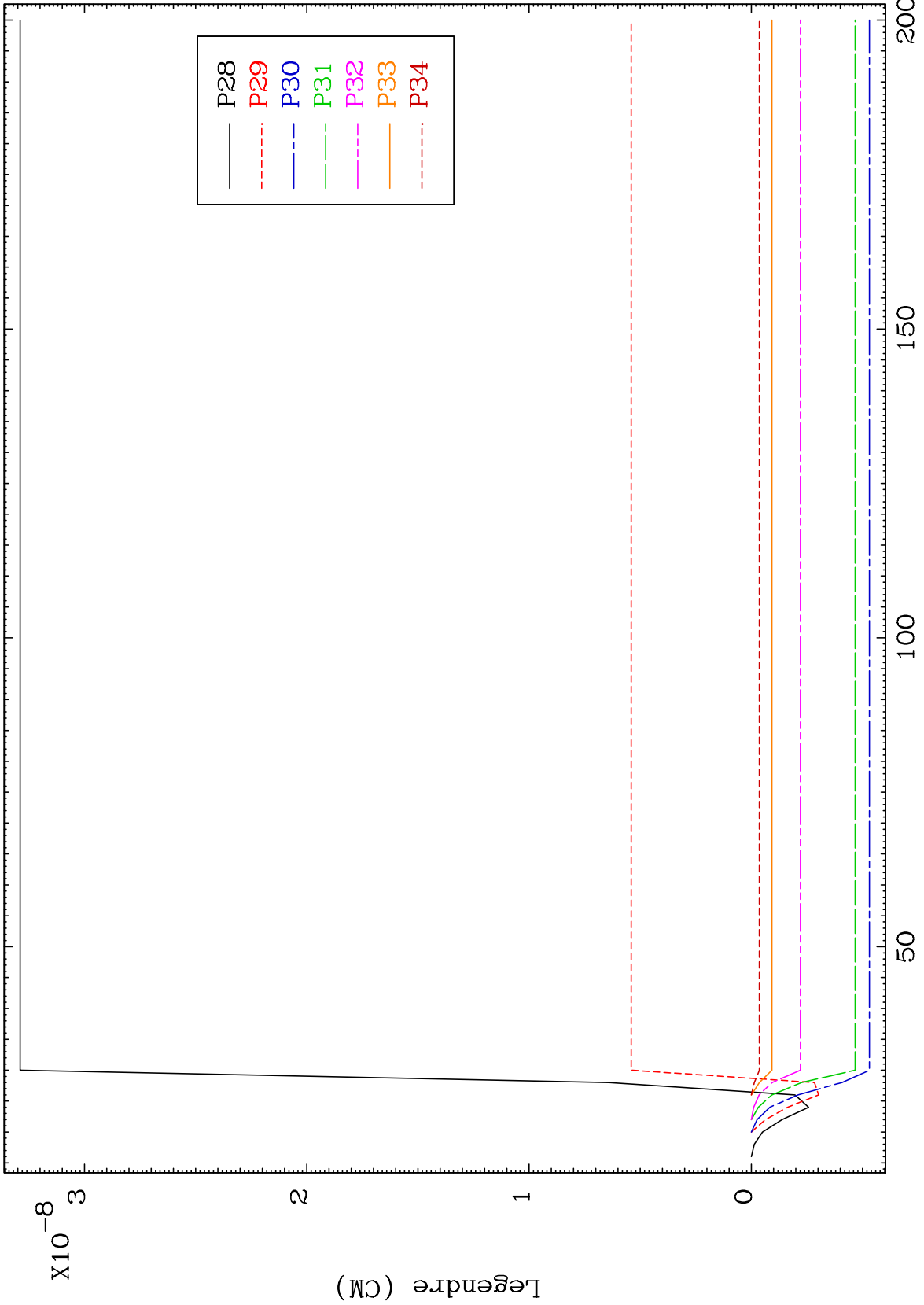
87

73-Ta-176

MAT 7313

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

73-Ta-176



88

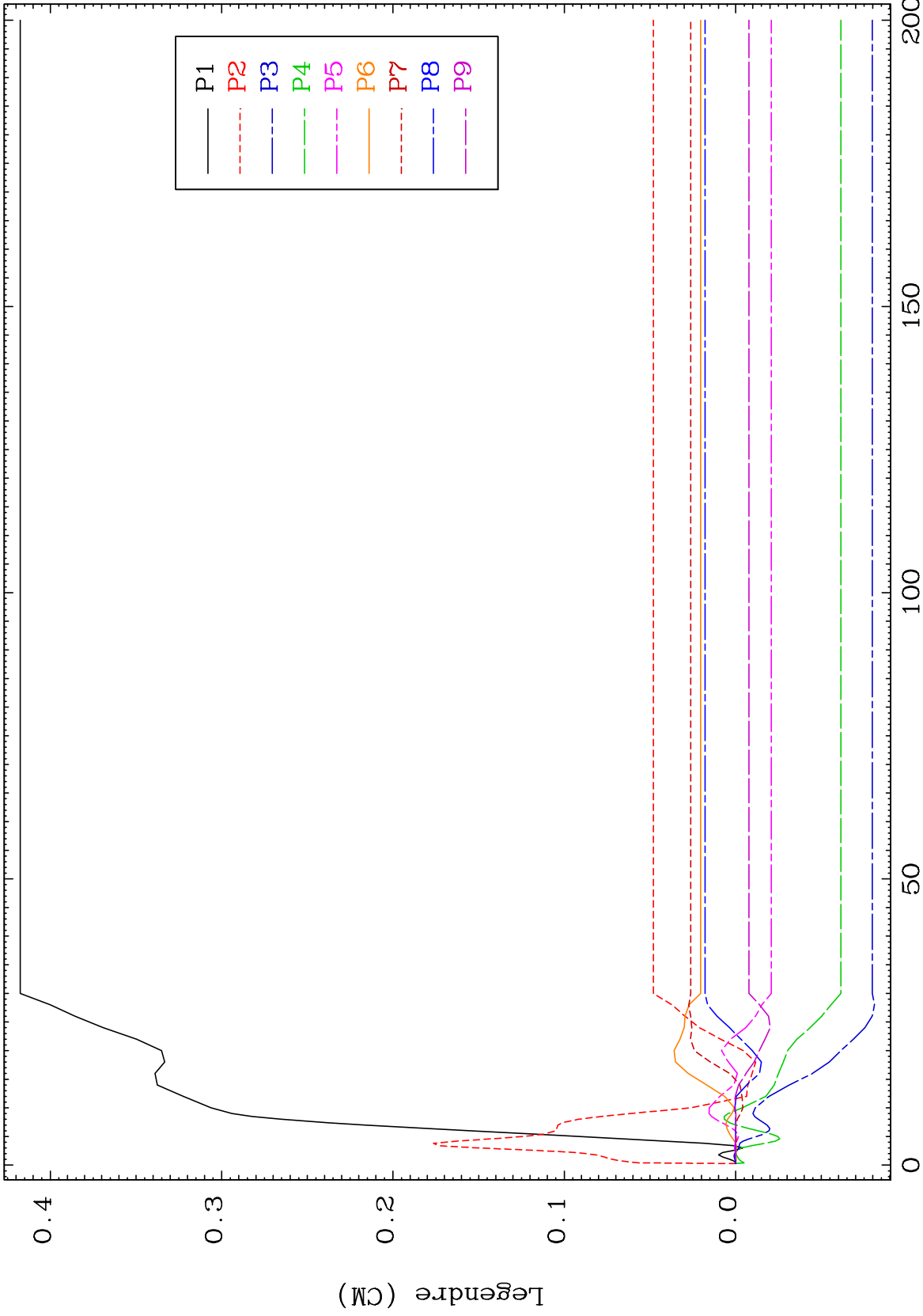
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



89

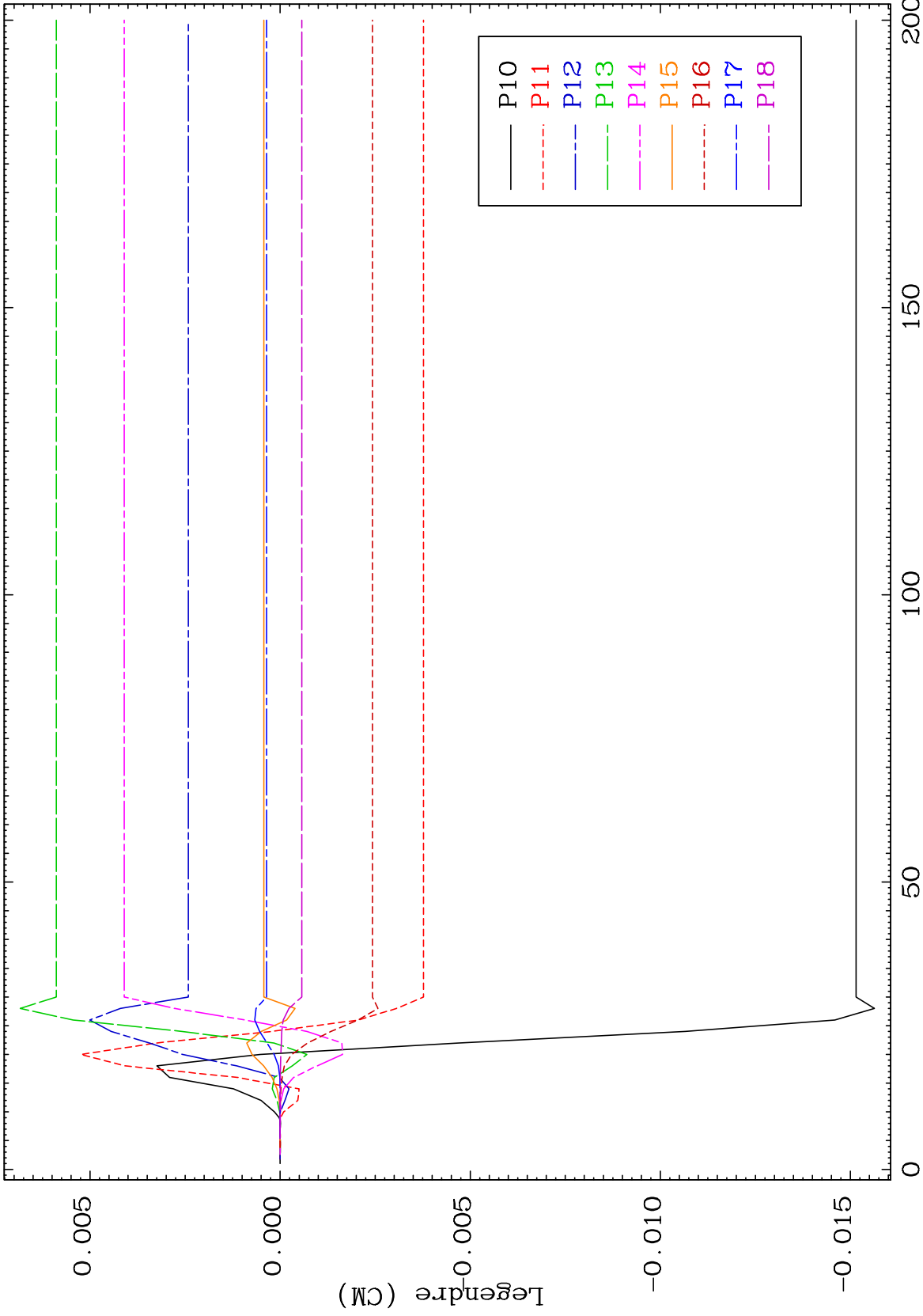
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



90

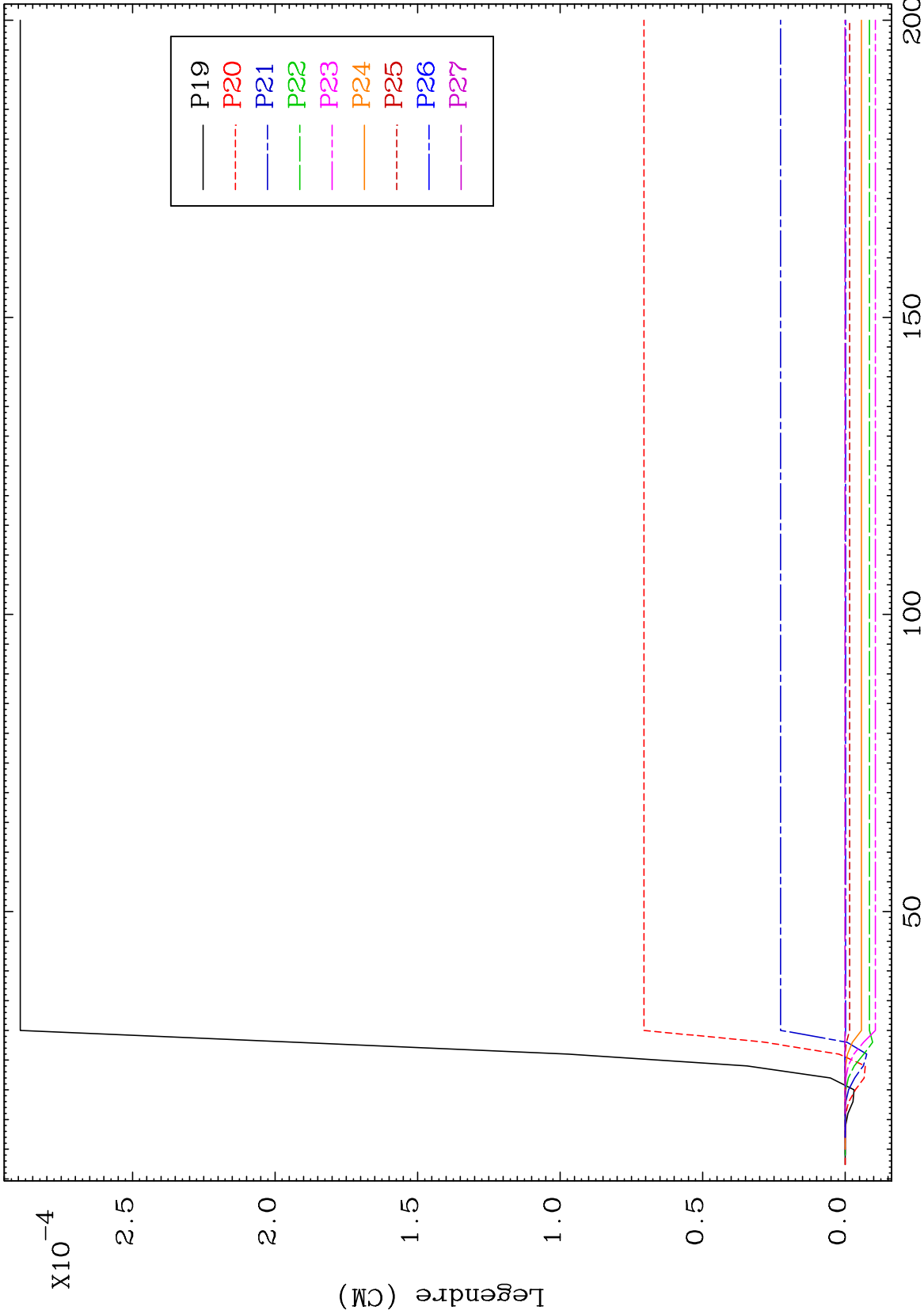
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



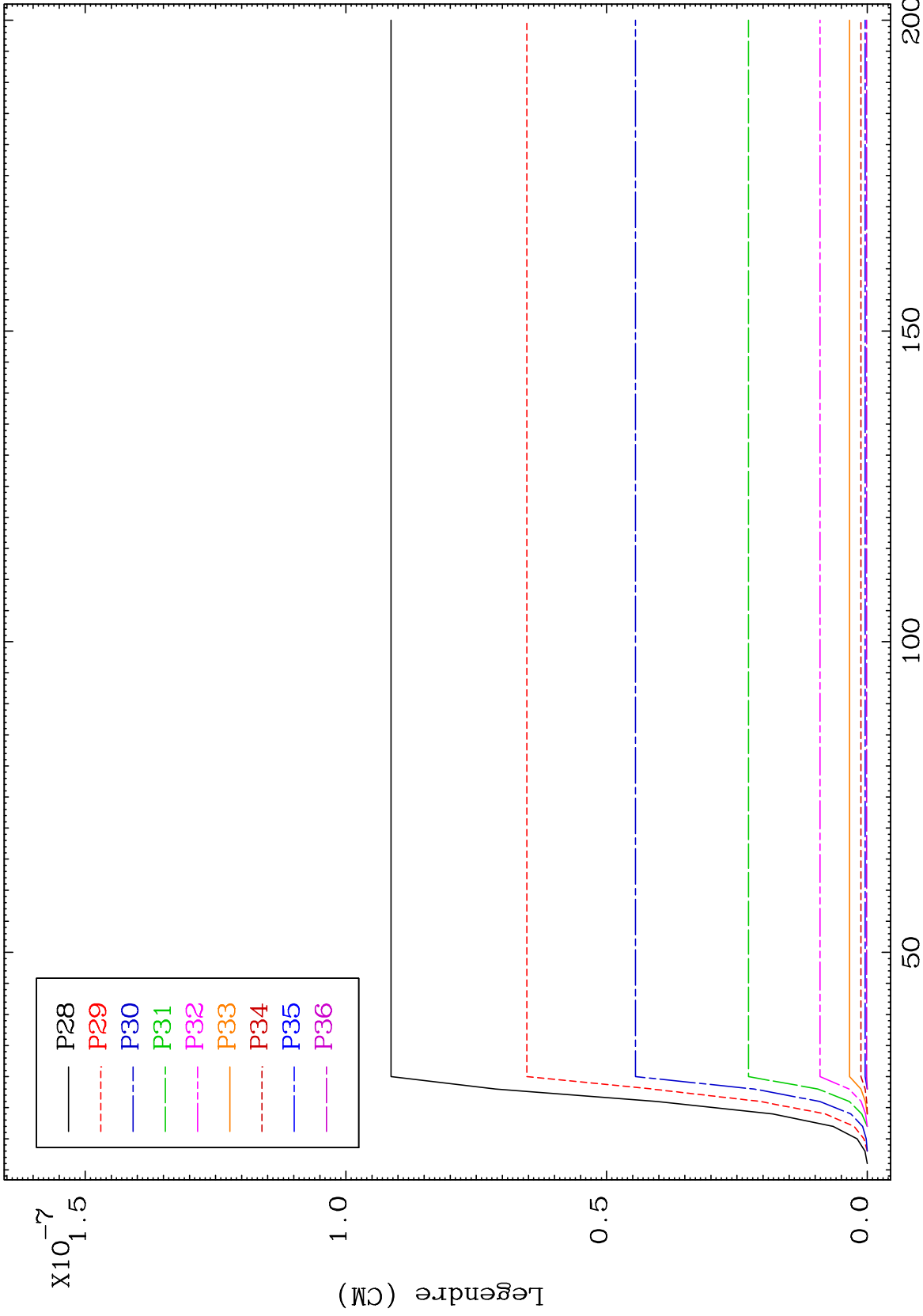
91

73-Ta-176

MAT 7313

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

73-Ta-176



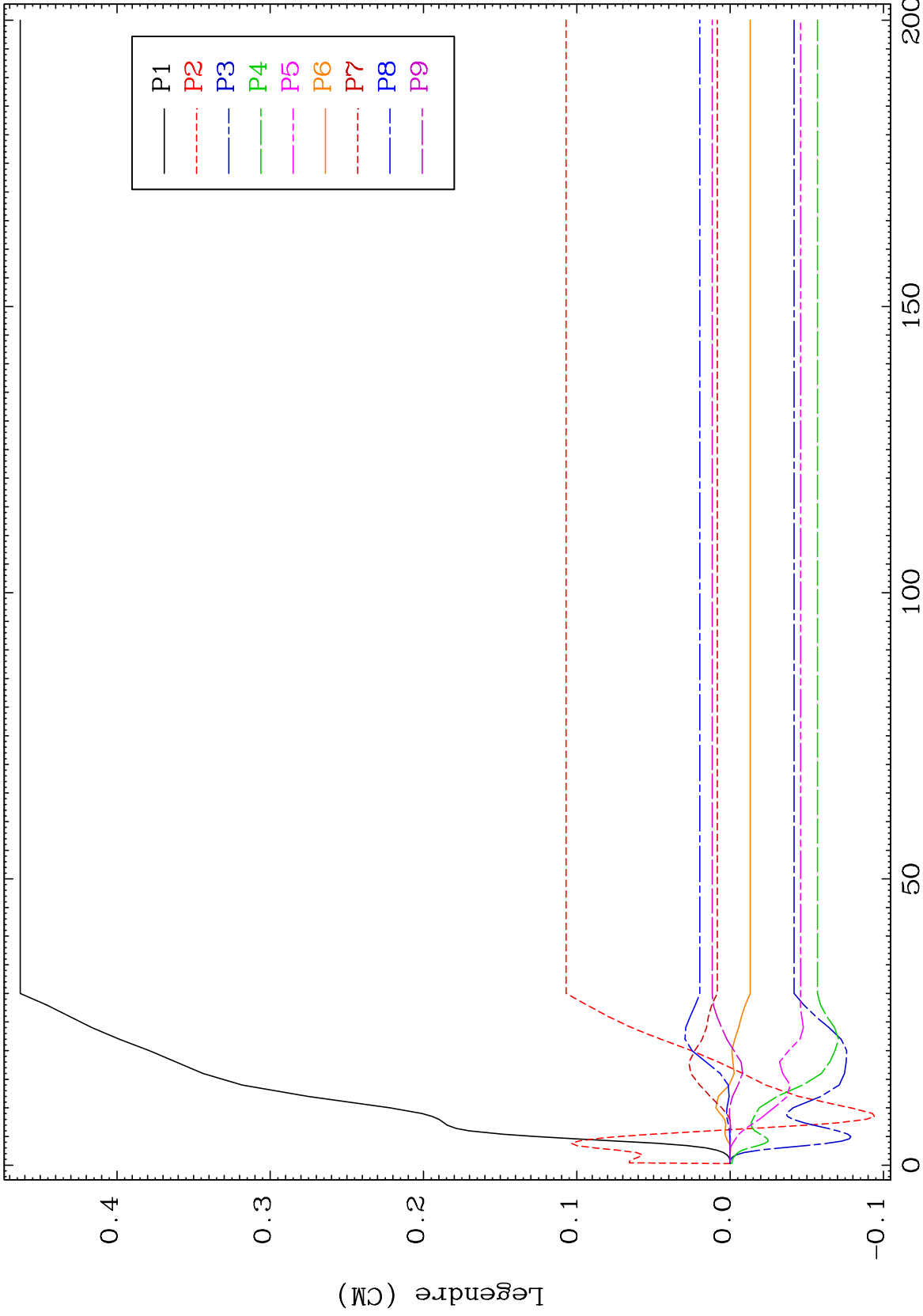
92

73-Ta-176

MAT 7313

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

73-Ta-176



93

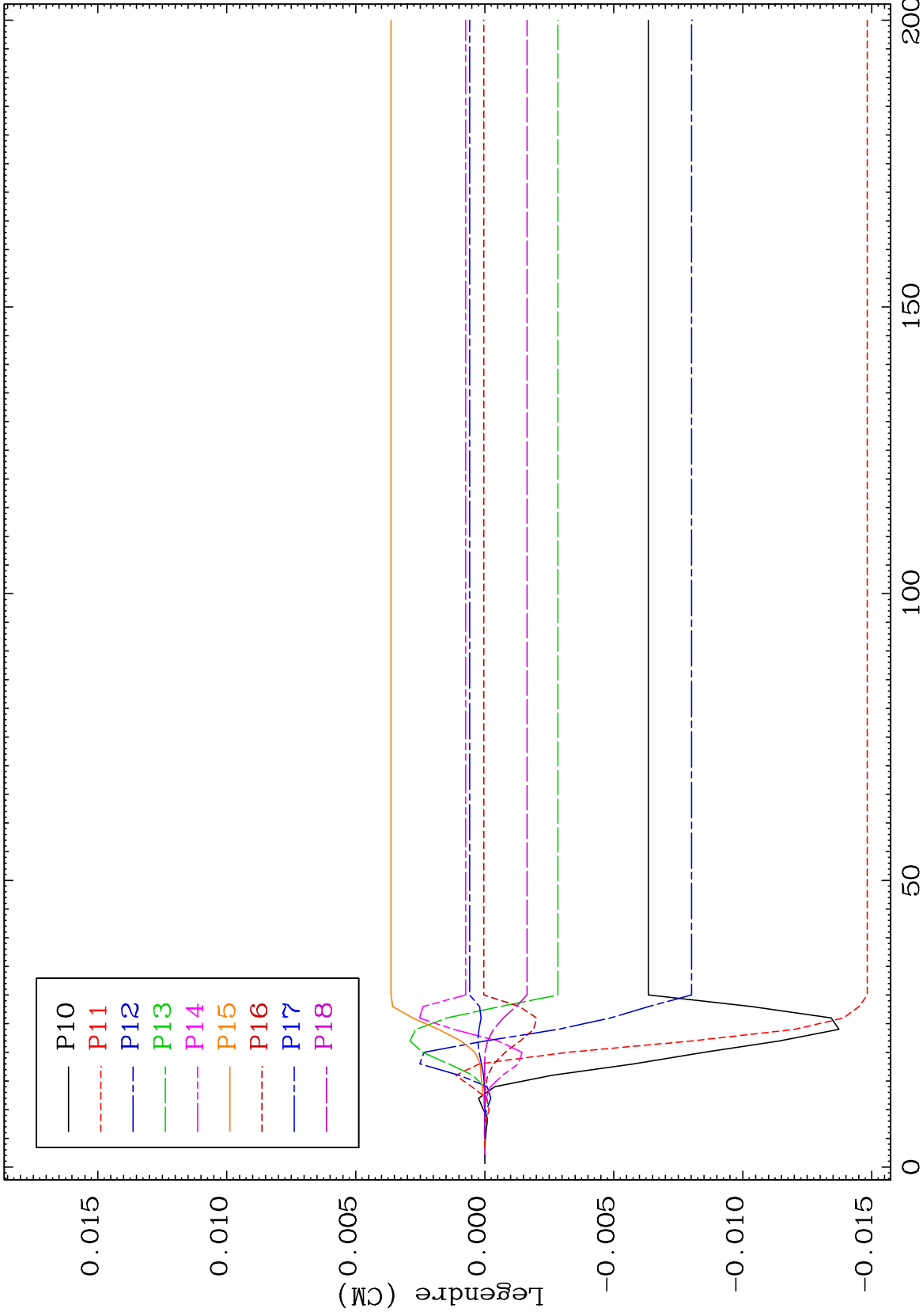
Incident Energy (MeV)

73-Ta-176

MAT 7313

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

73-Ta-176



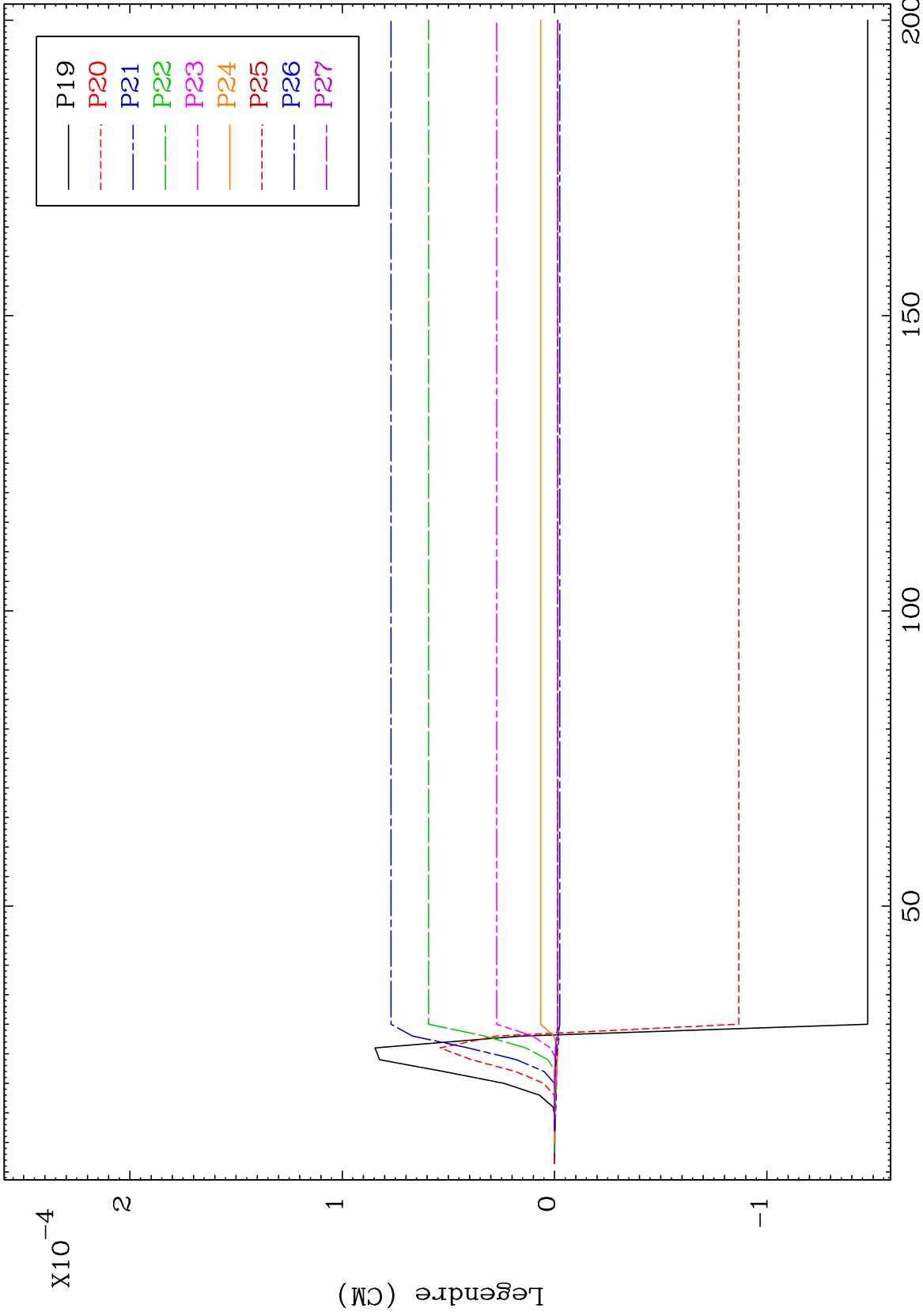
94

73-Ta-176

MAT 7313

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

73-Ta-176



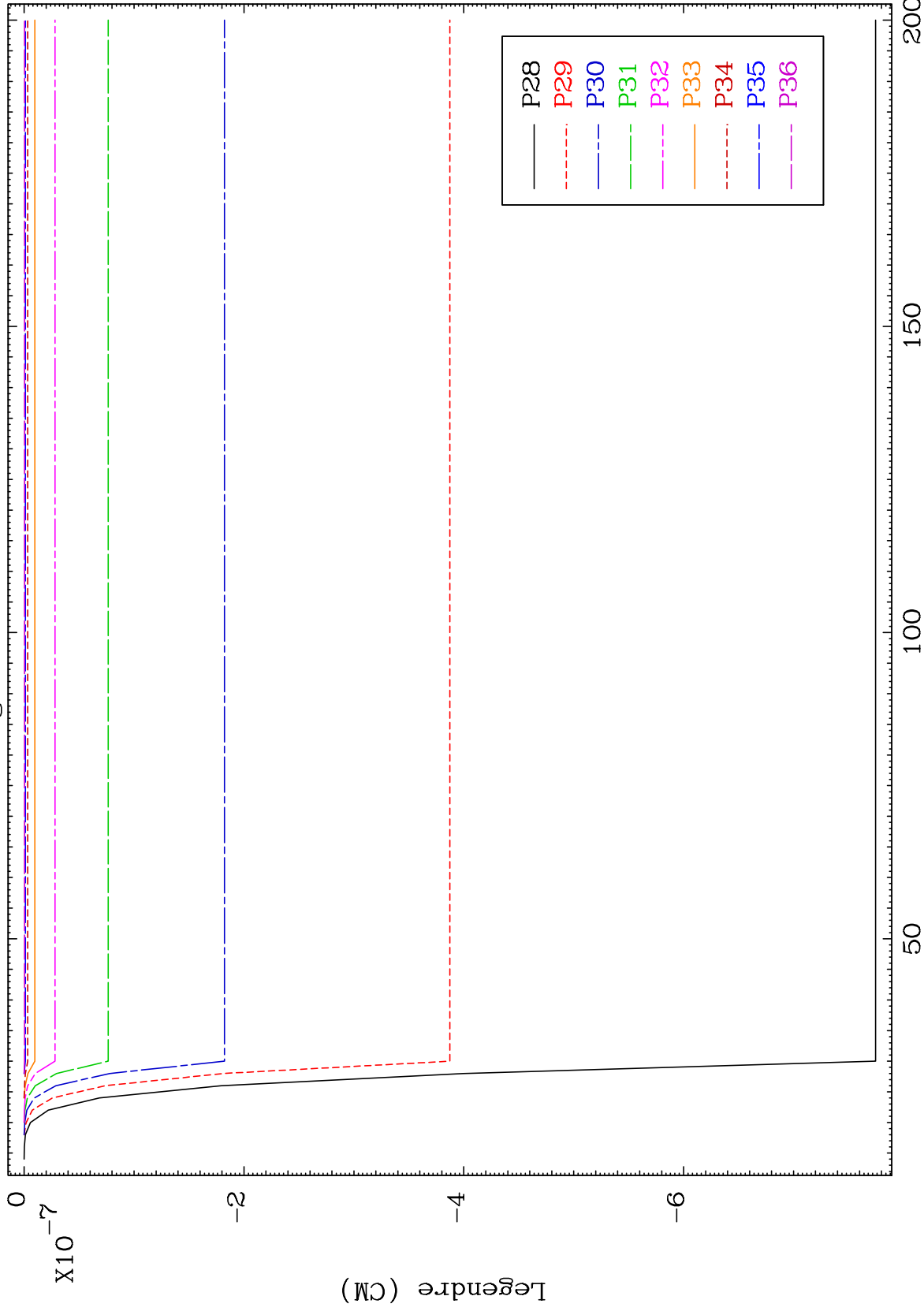
95

73-Ta-176

MAT 7313

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

73-Ta-176



73-Ta-176

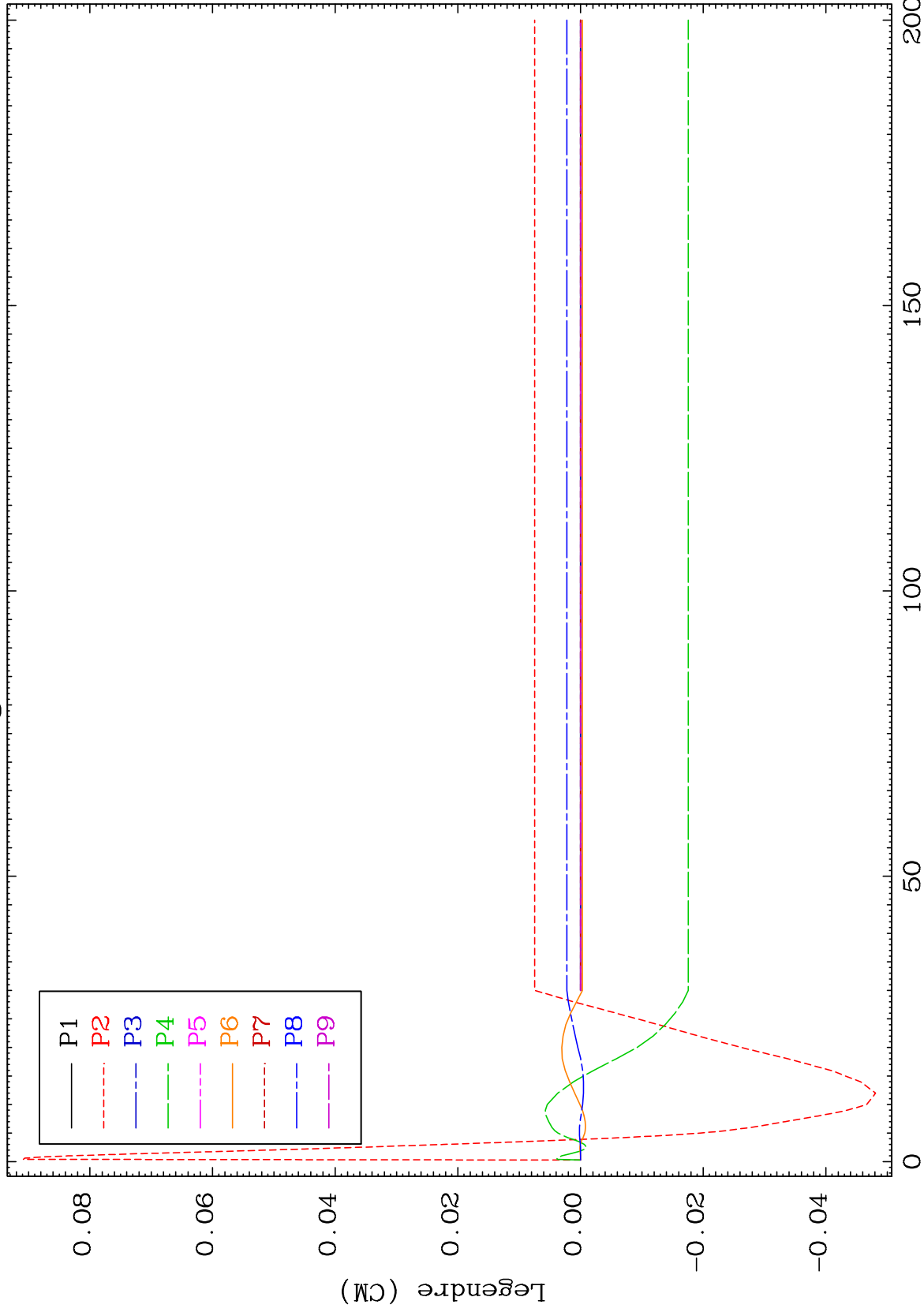
Incident Energy (MeV)

96

MAT 7313

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

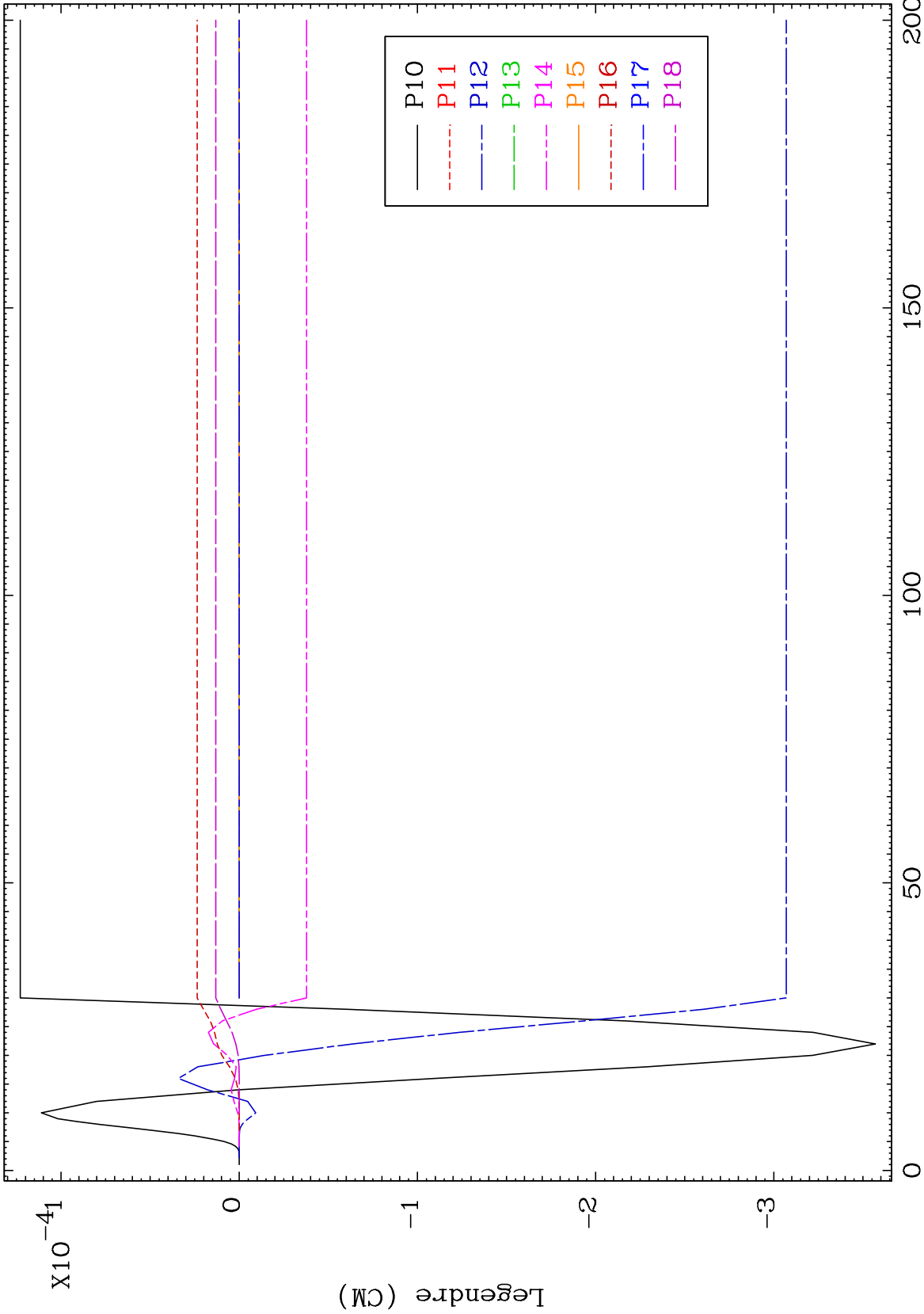
73-Ta-176



97

Incident Energy (MeV)

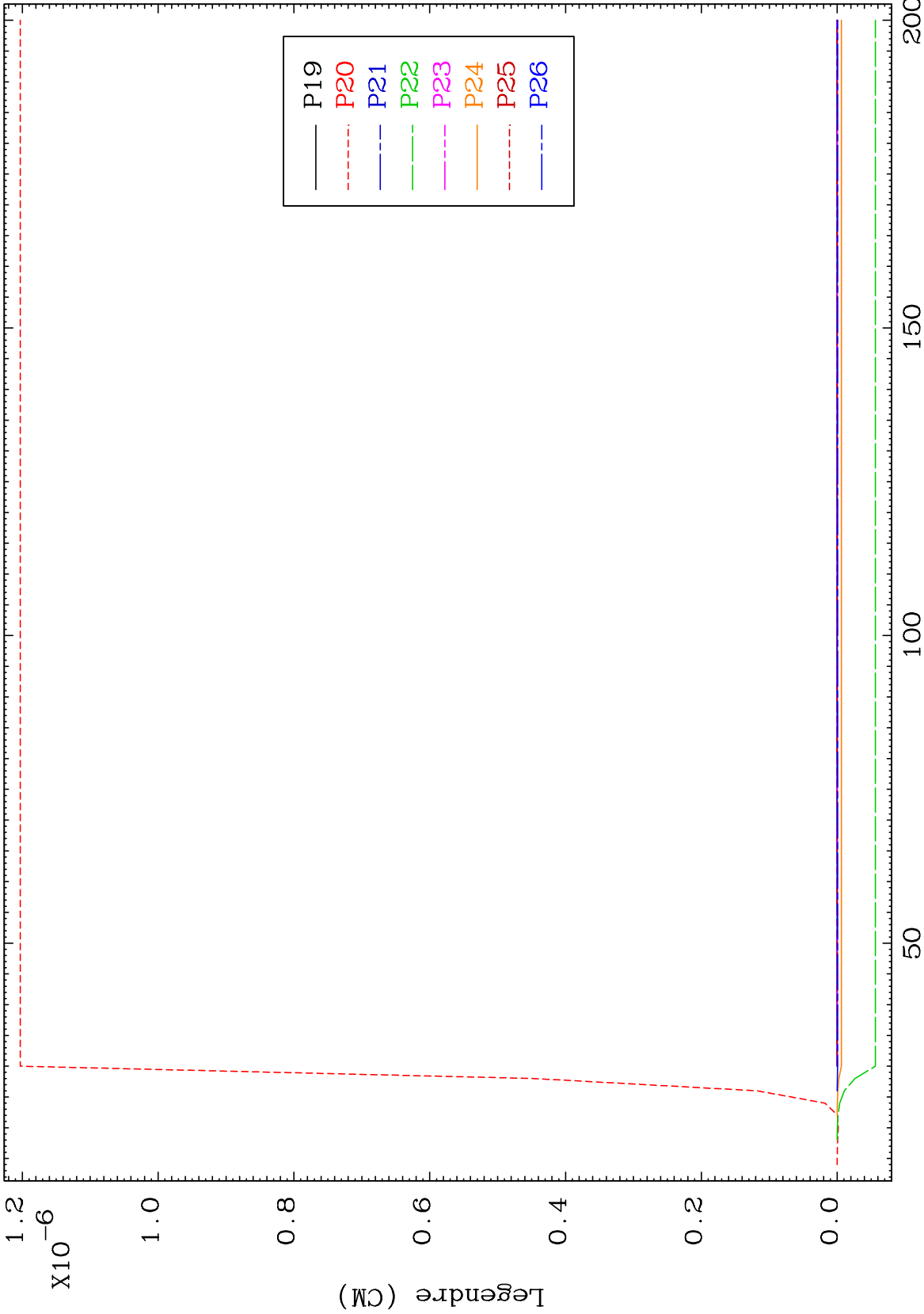
73-Ta-176



MAT 7313

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

73-Ta-176



99

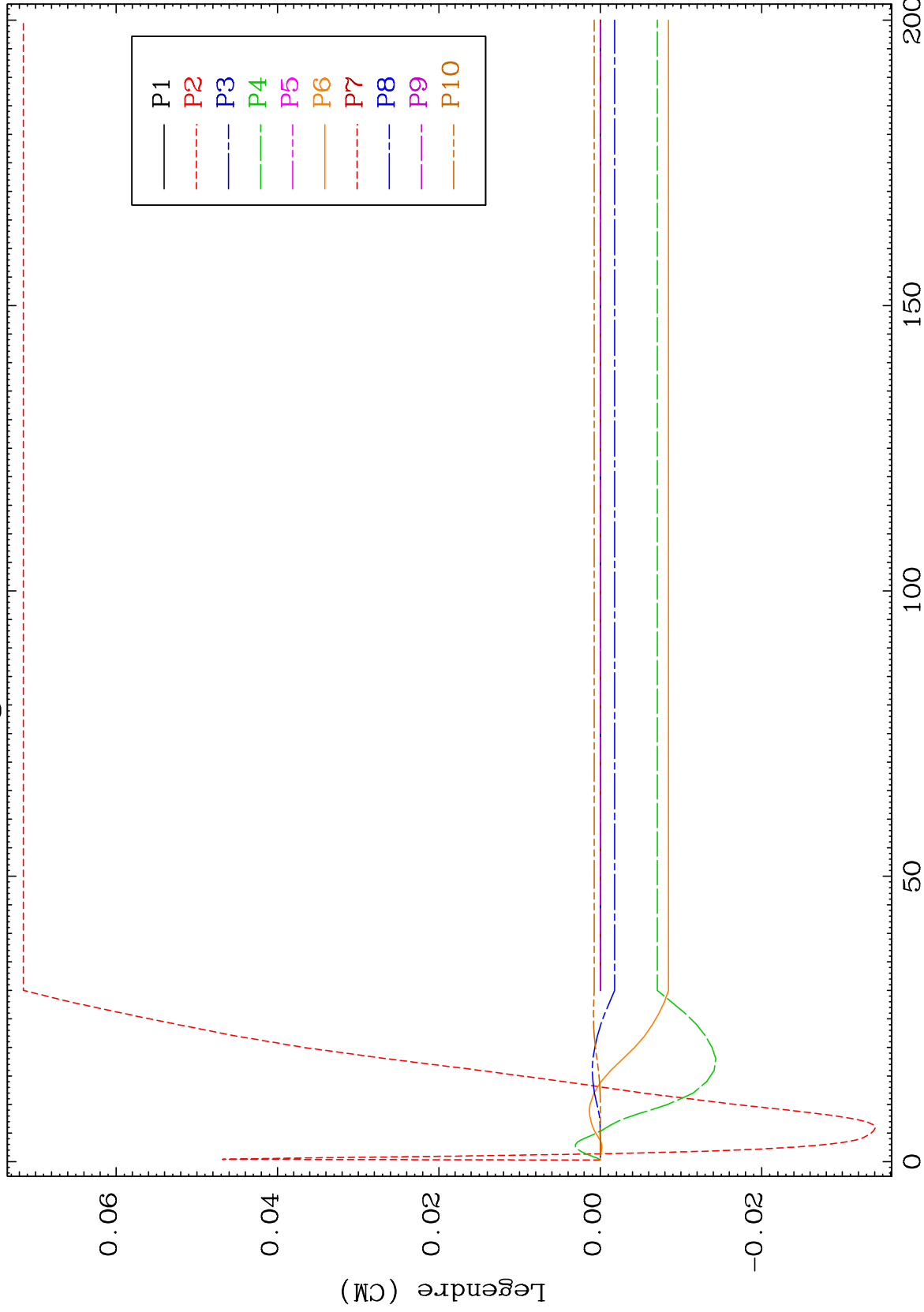
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 74 (n,n') Level
Legendre Coefficients

73-Ta-176



73-Ta-176

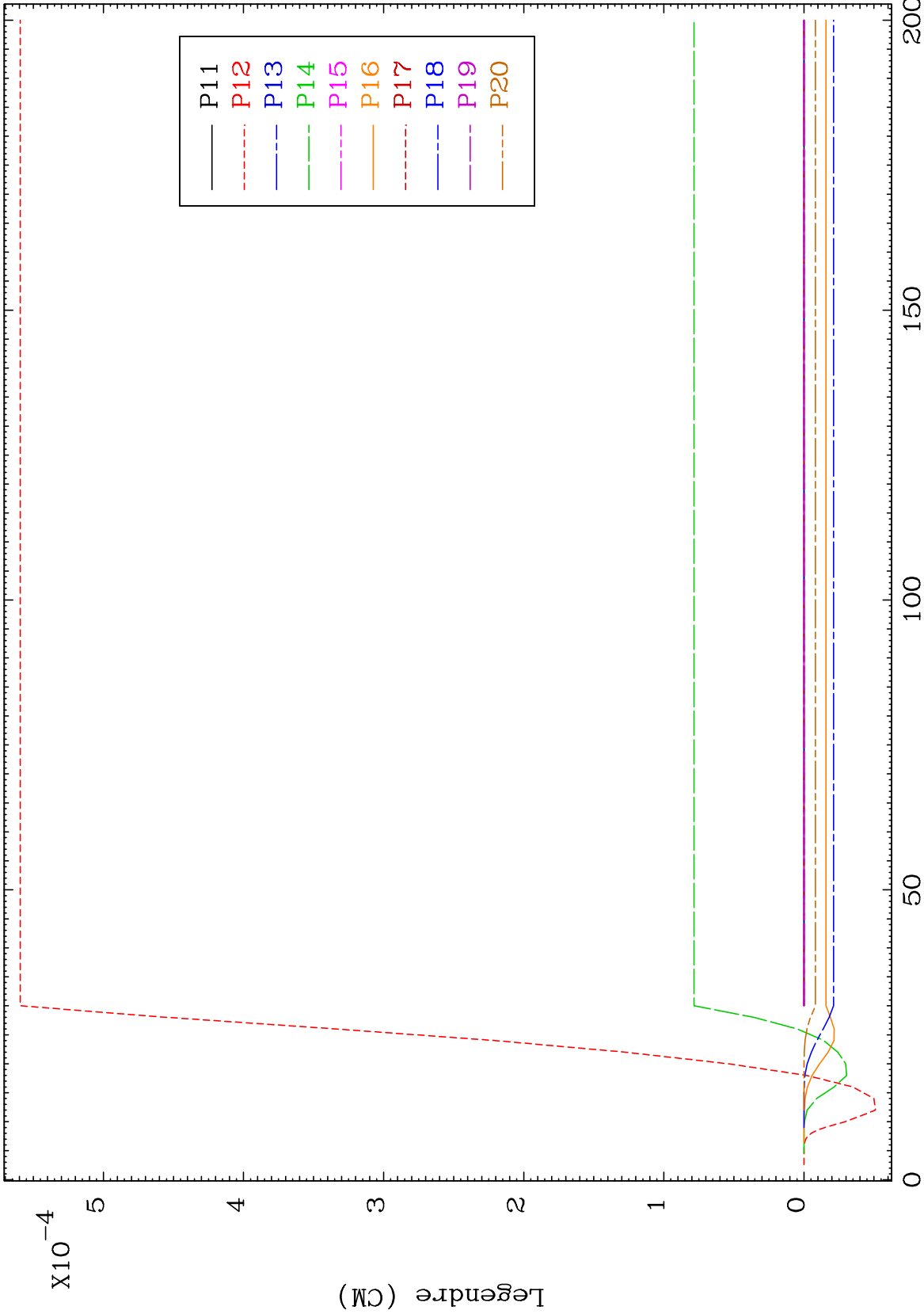
Incident Energy (MeV)

100

MAT 7313

MT= 74 (n,n') Level
Legendre Coefficients

73-Ta-176



101

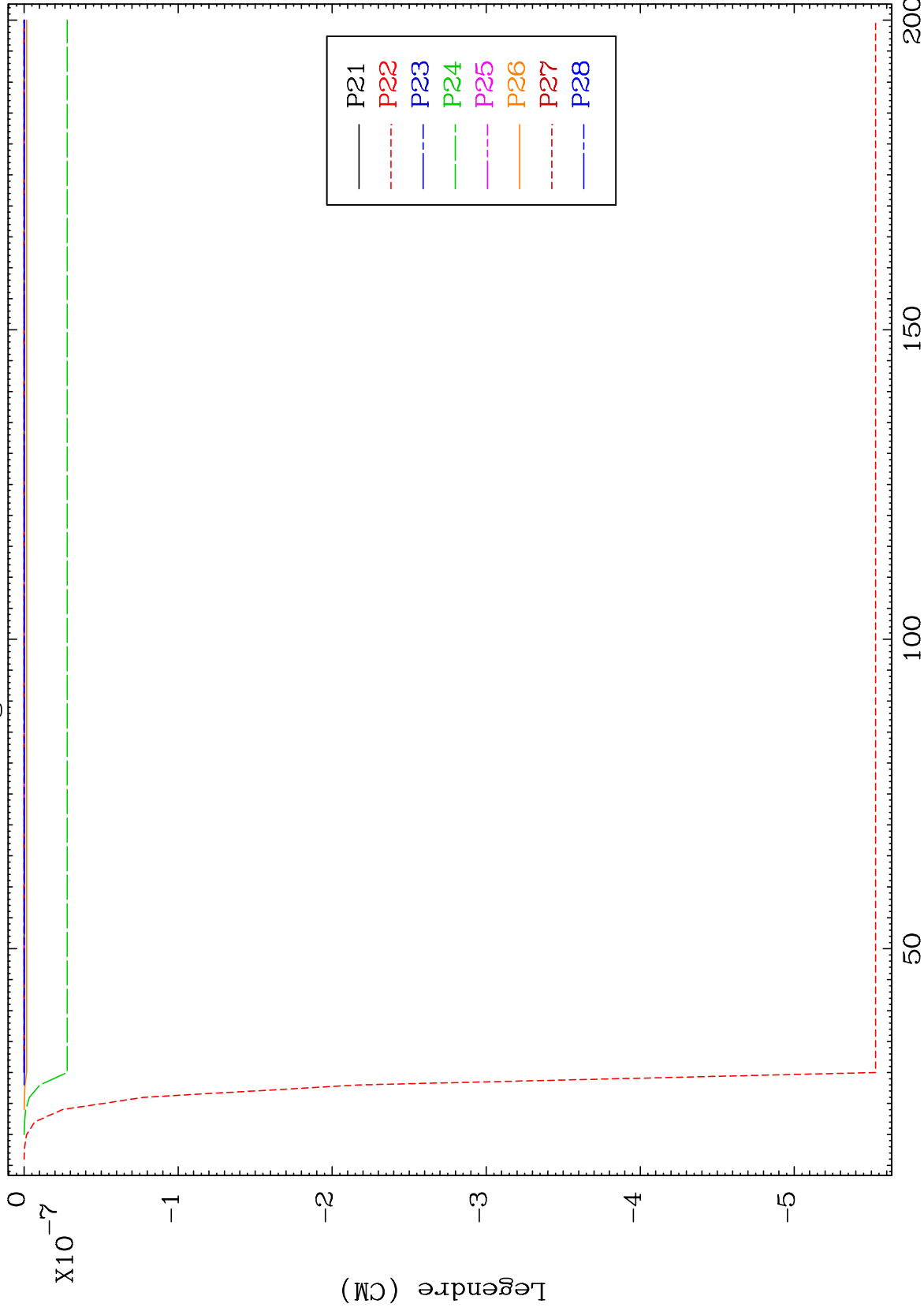
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 74 (n,n') Level
Legendre Coefficients

73-Ta-176



102

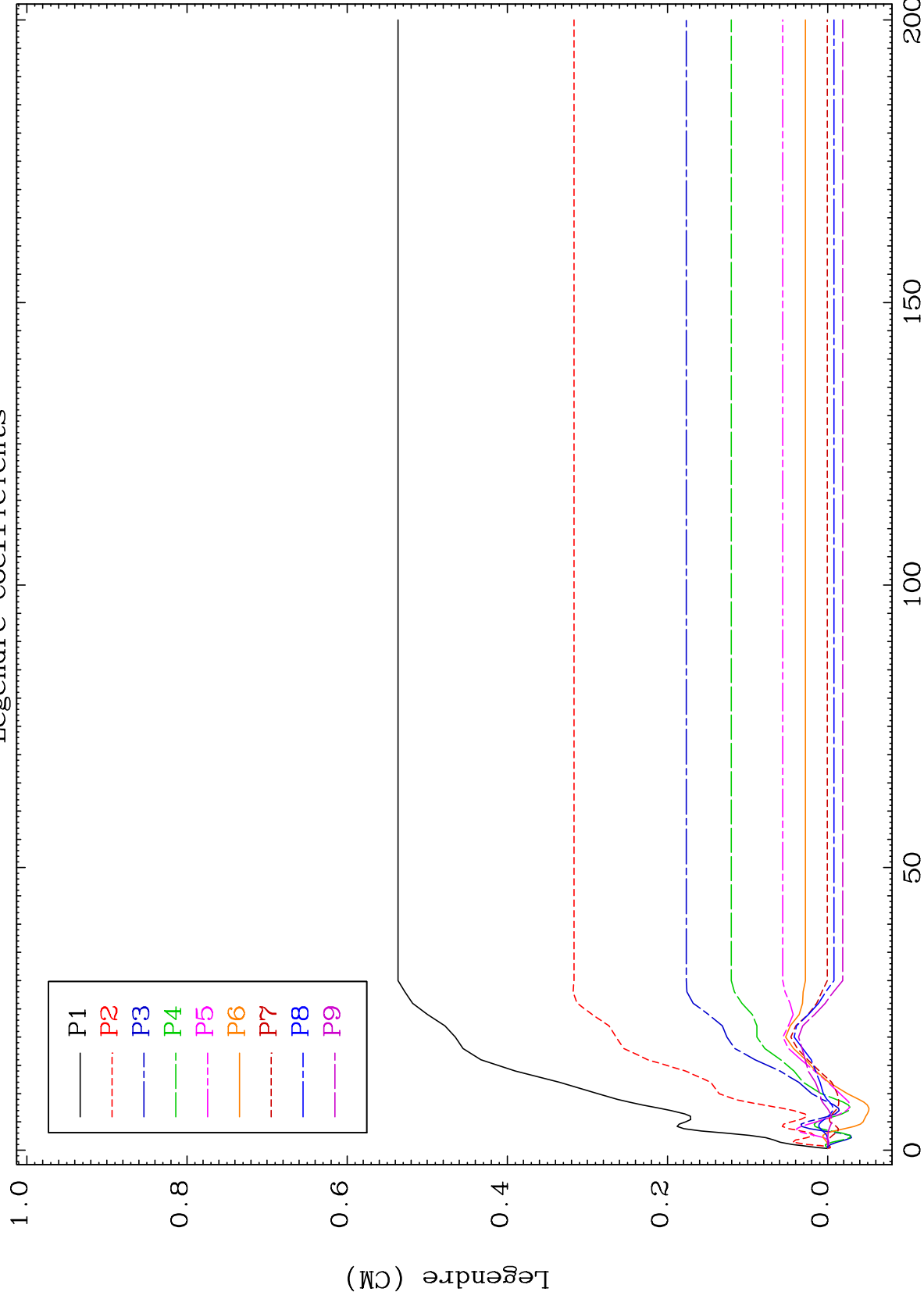
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 75 (n,n') Level
Legendre Coefficients

73-Ta-176



103

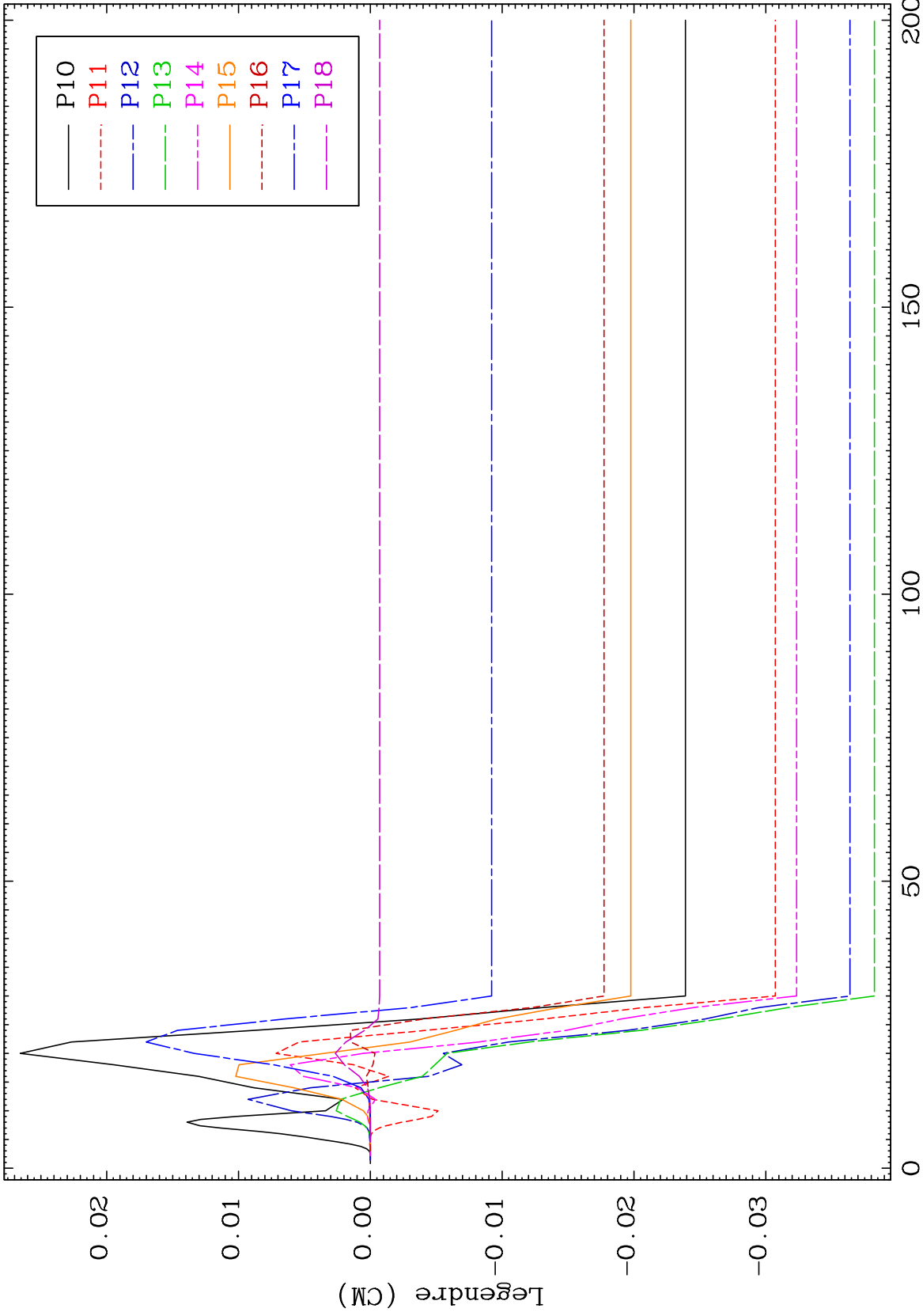
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 75 (n,n') Level Legendre Coefficients

73-Ta-176



104

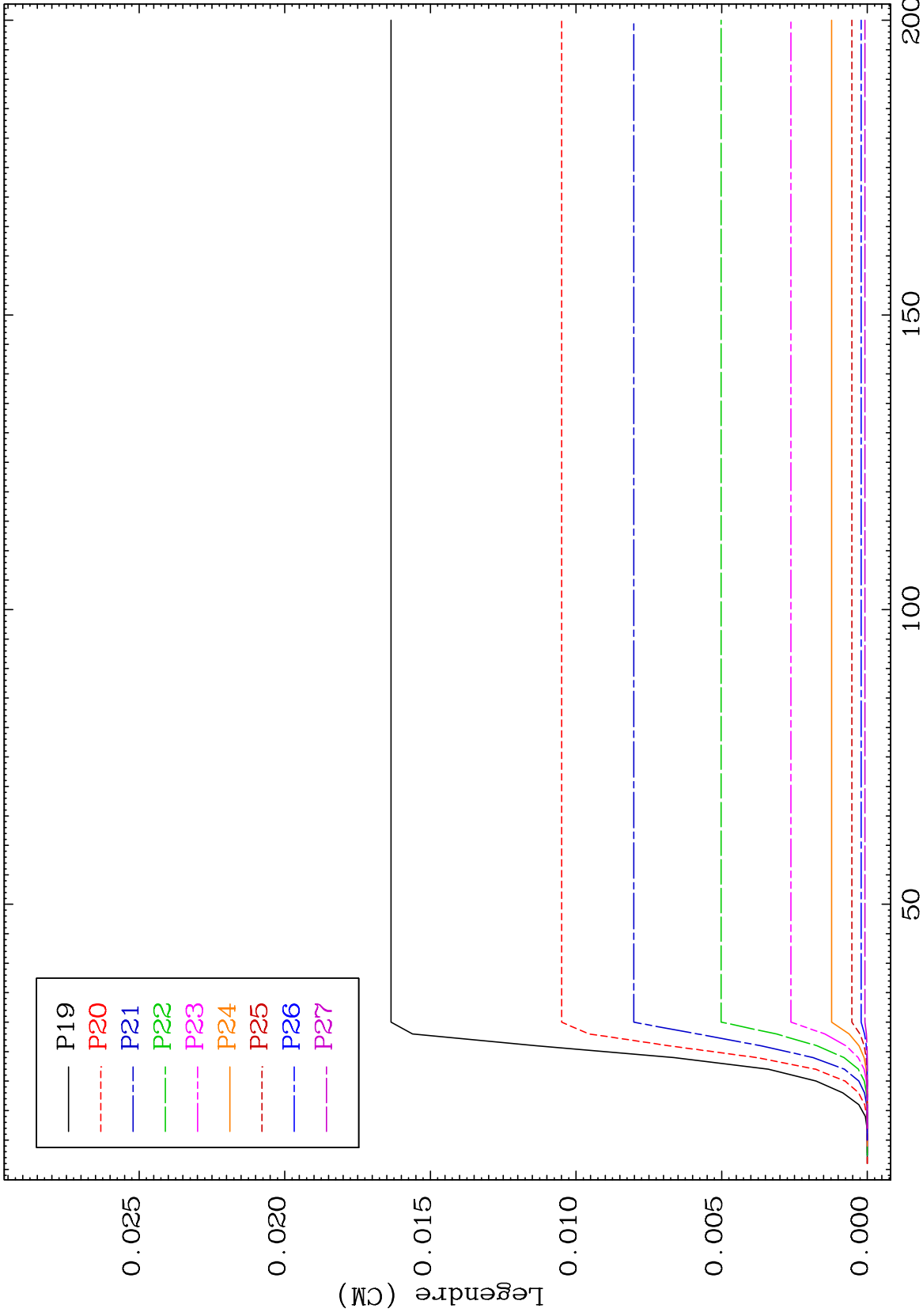
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 75 (n,n') Level
Legendre Coefficients

73-Ta-176



105

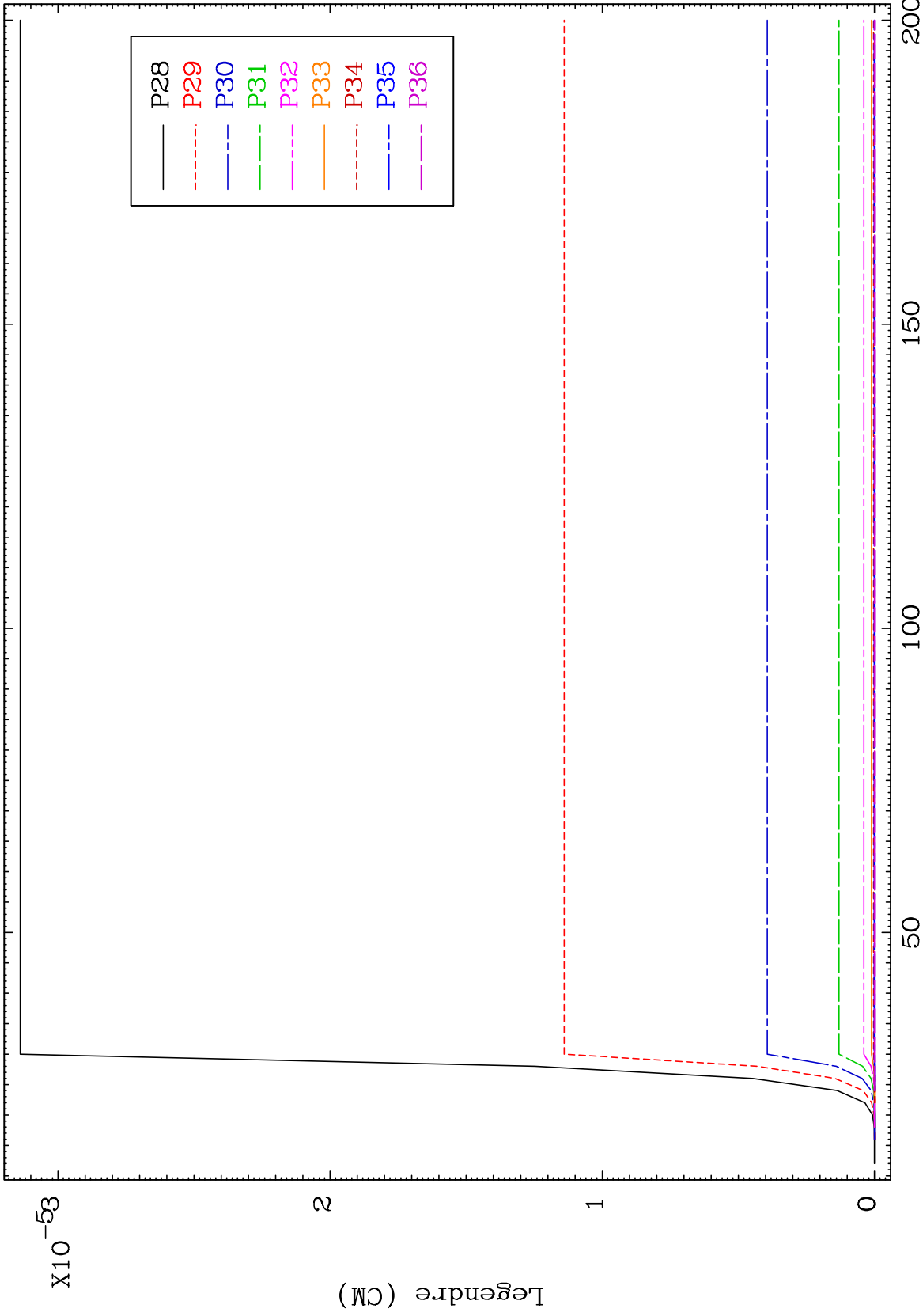
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 75 (n,n') Level
Legendre Coefficients

73-Ta-176



106

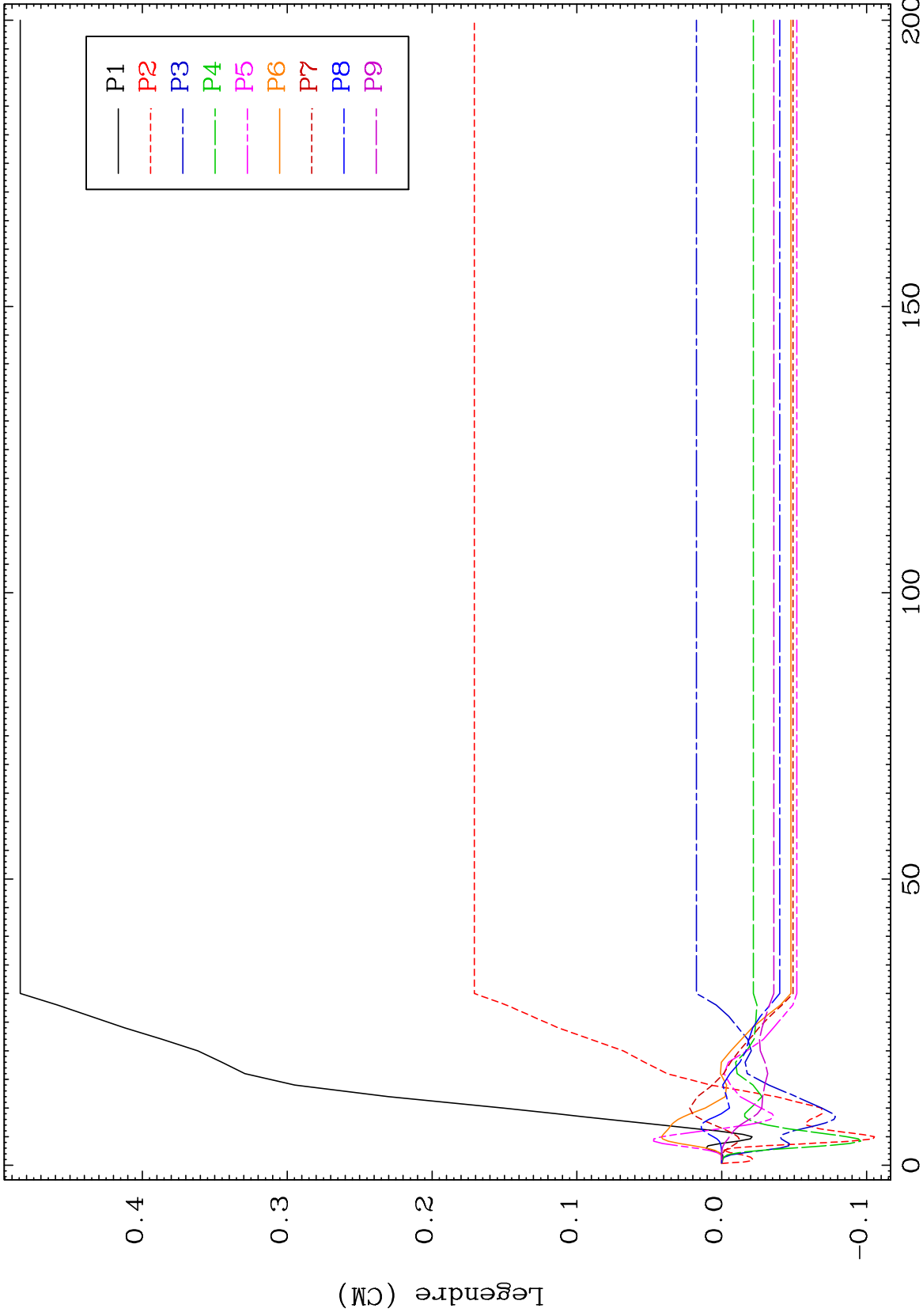
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-176



107

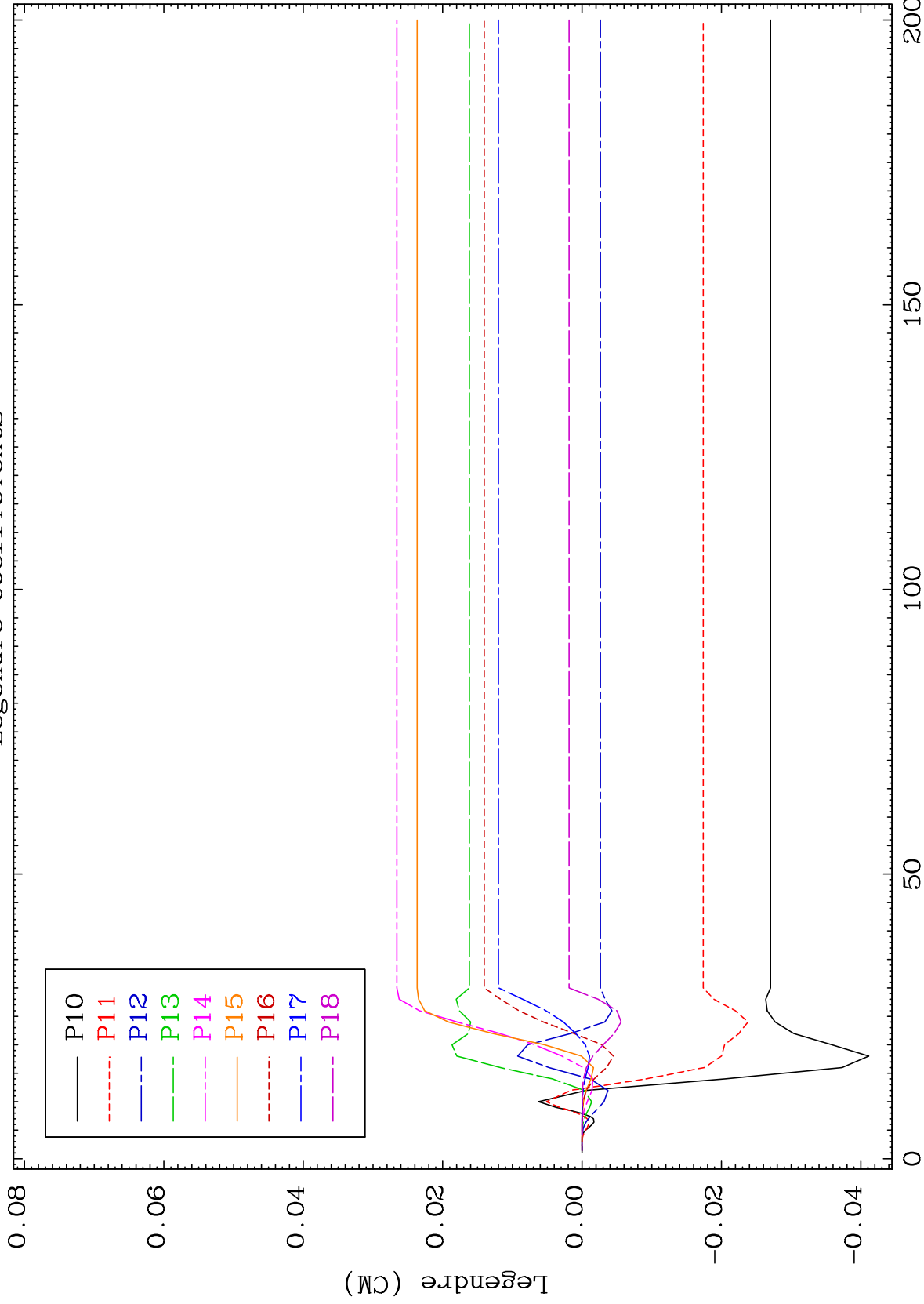
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-176



108

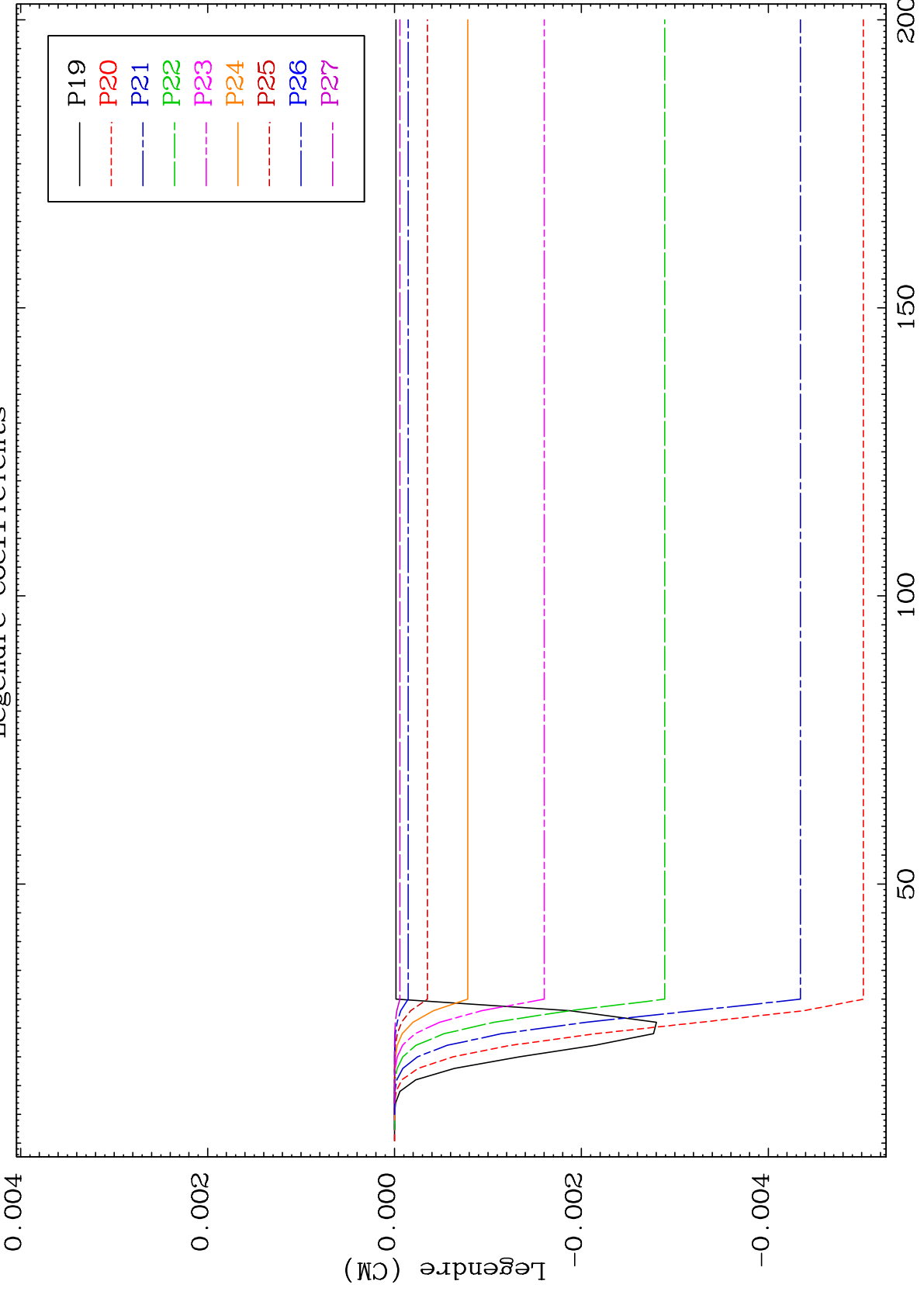
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-176



109

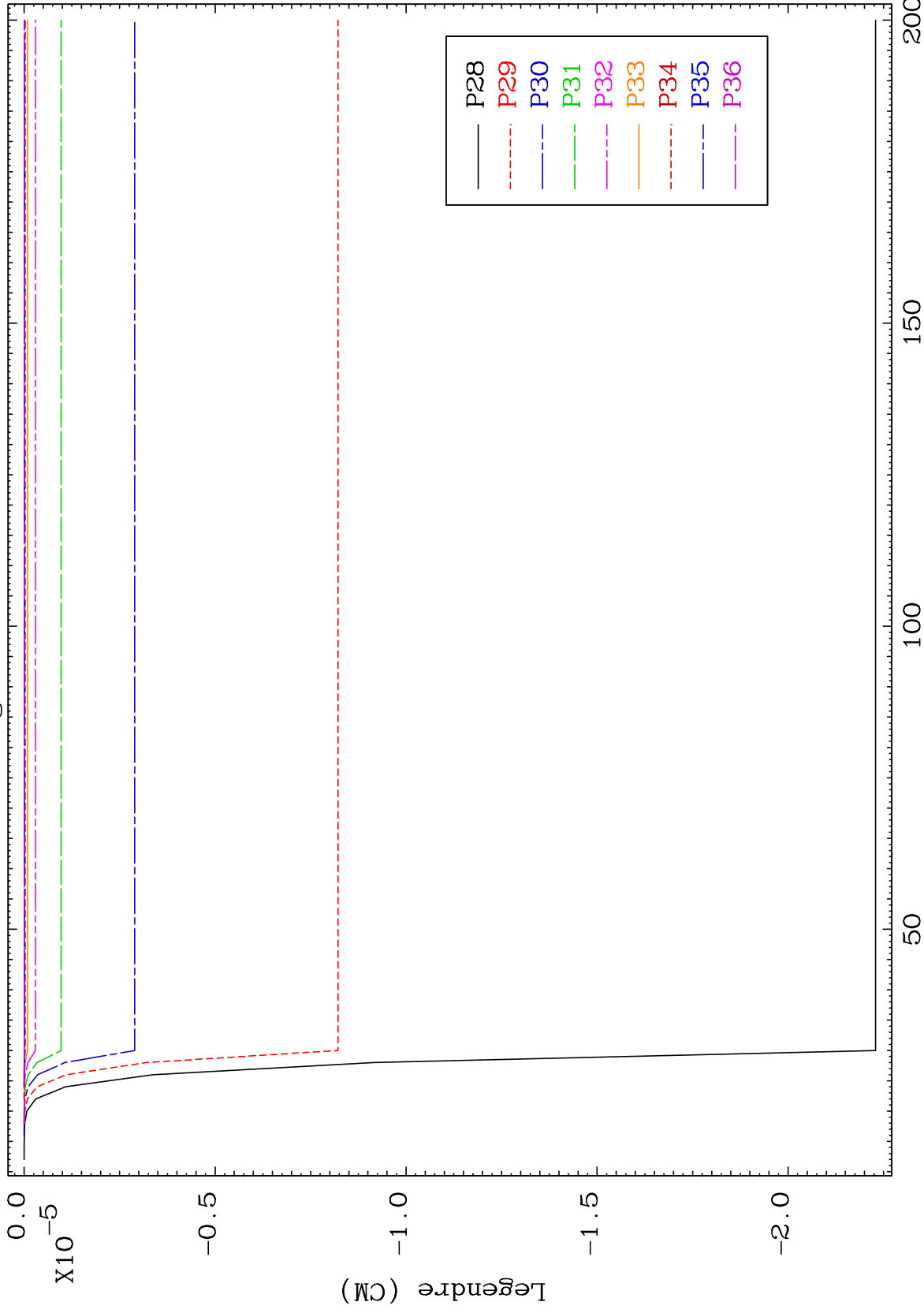
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 76 (n,n') Level
Legendre Coefficients

73-Ta-176



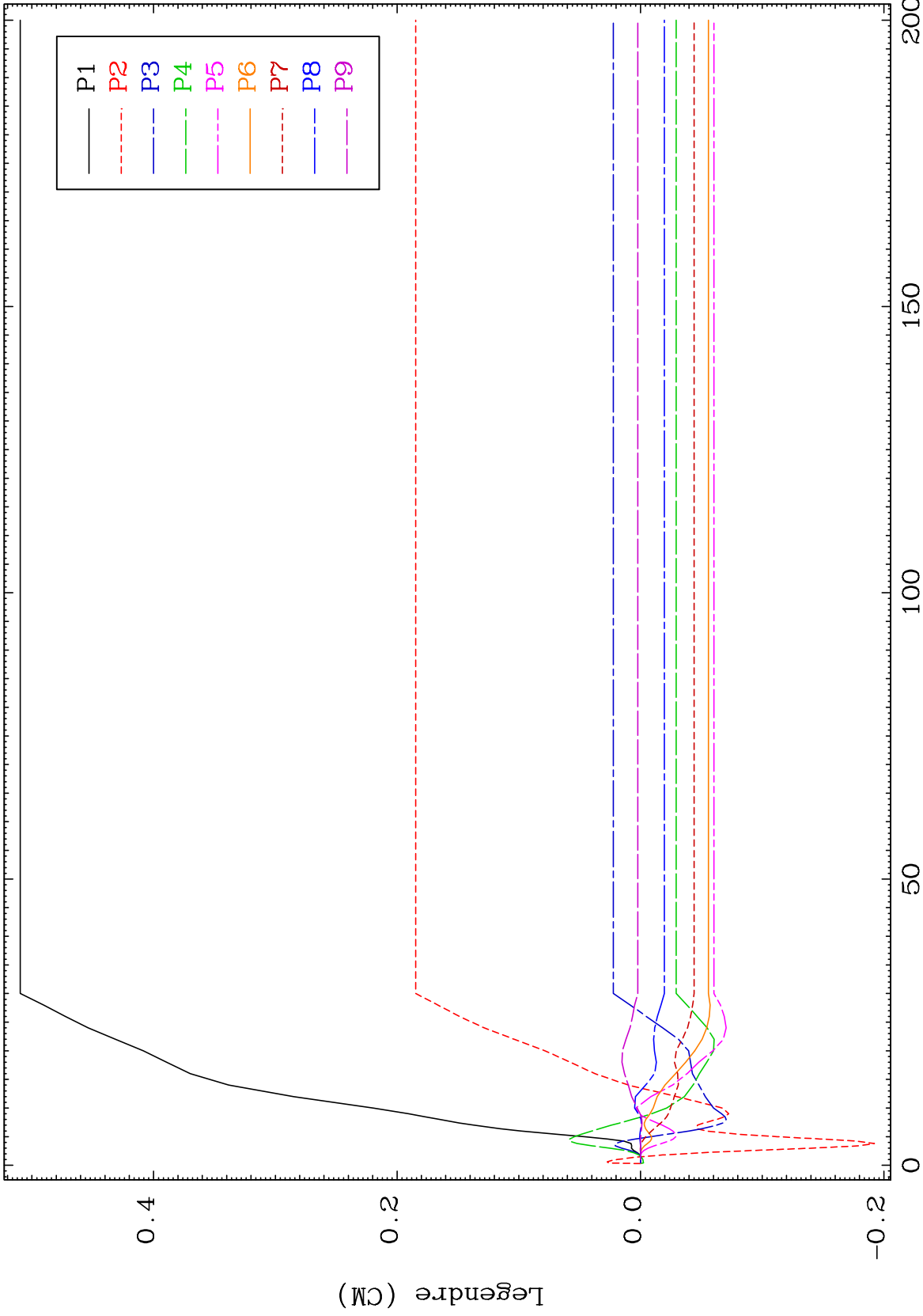
110

73-Ta-176

MAT 7313

MT= 77 (n,n') Level
Legendre Coefficients

73-Ta-176



73-Ta-176

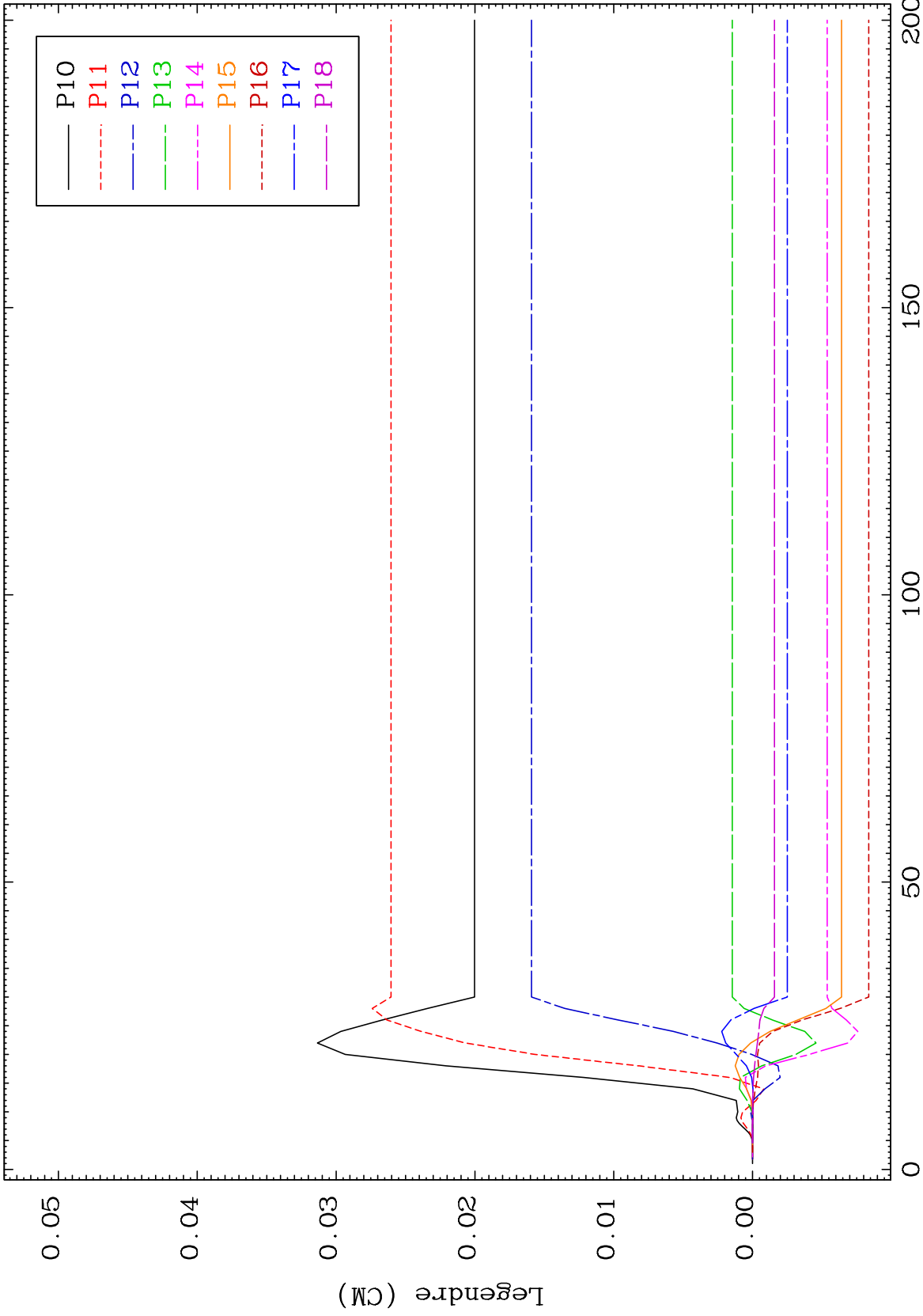
Incident Energy (MeV)

111

MAT 7313

MT= 77 (n,n') Level
Legendre Coefficients

73-Ta-176



112

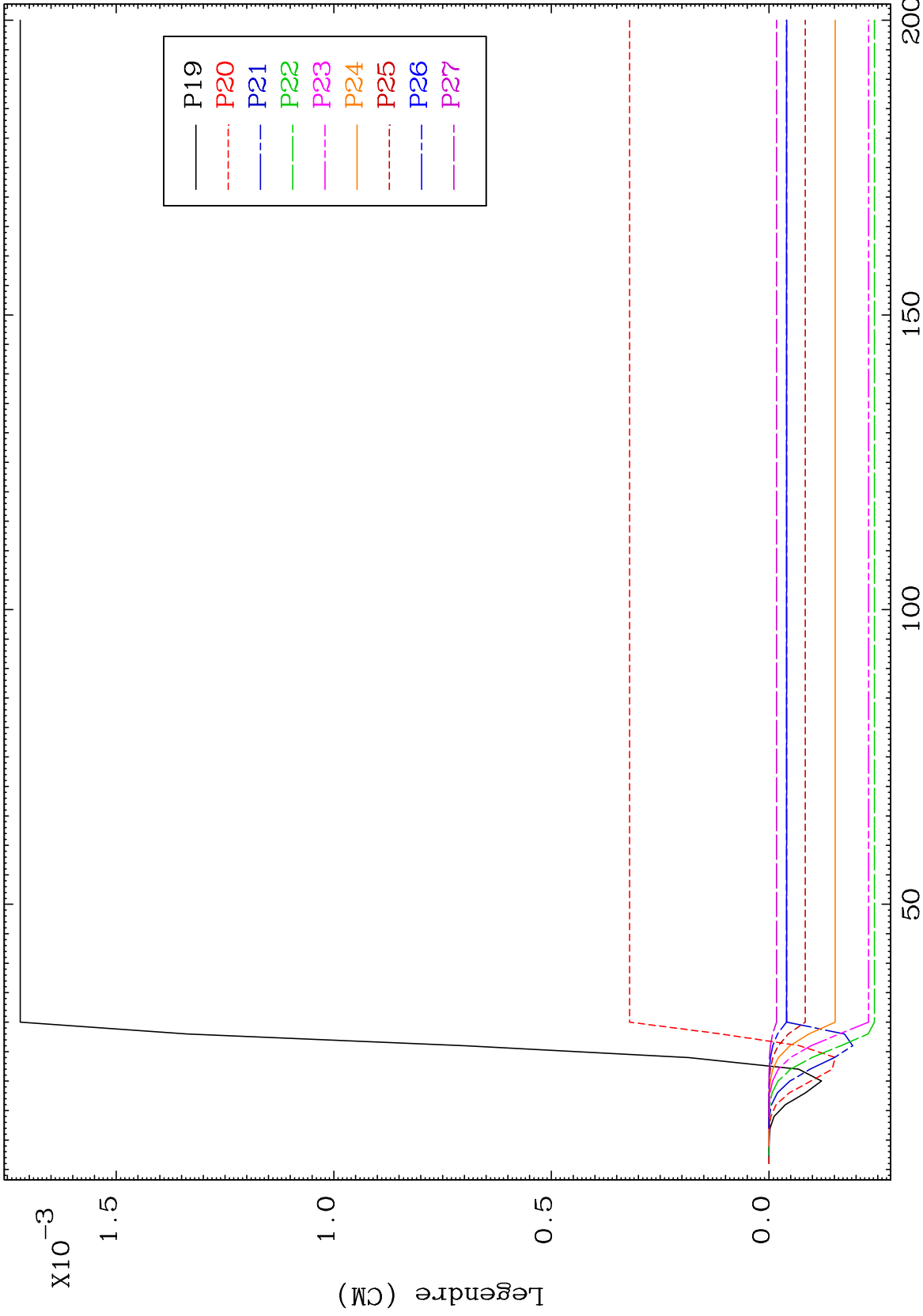
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 77 (n,n') Level
Legendre Coefficients

73-Ta-176



113

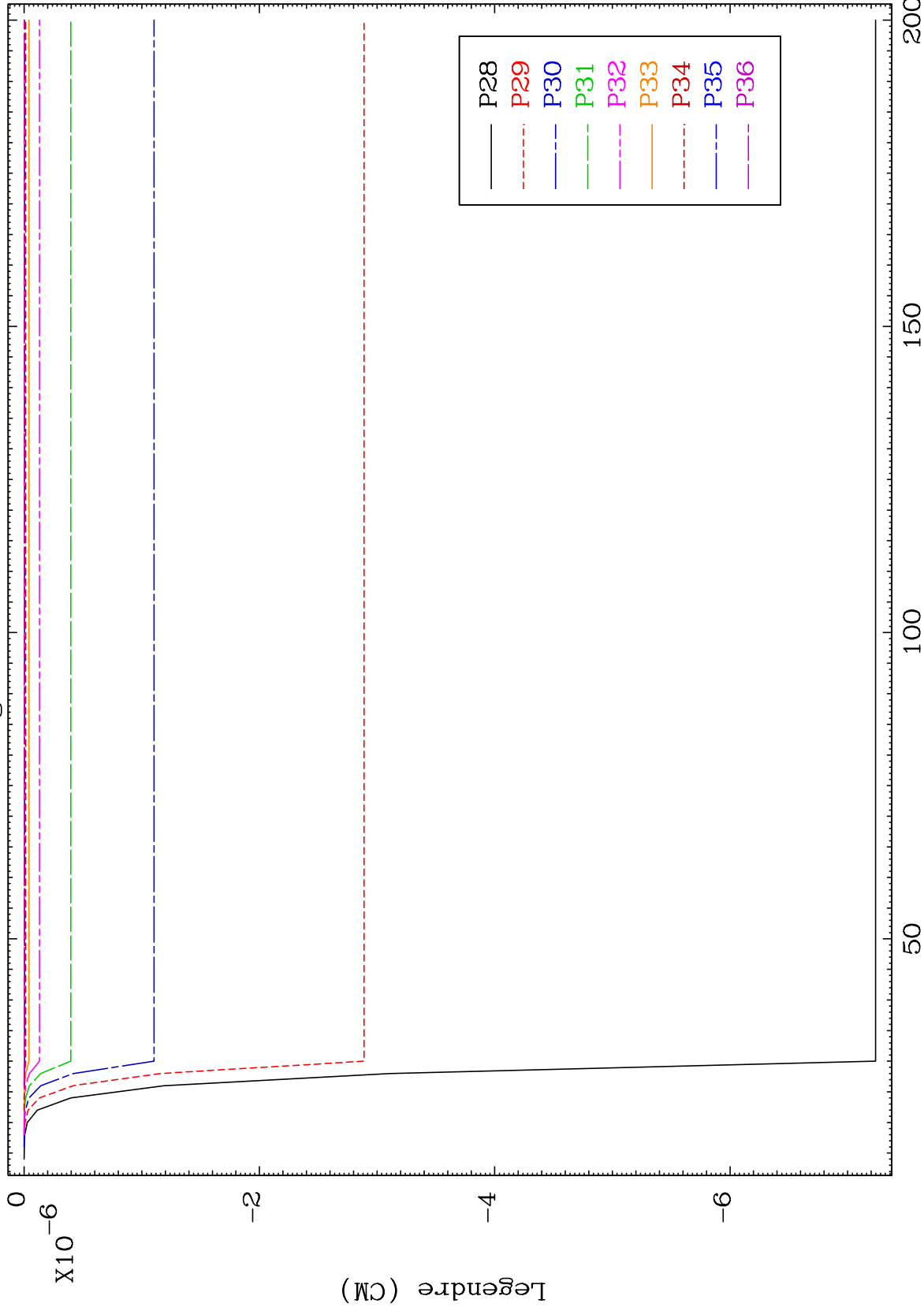
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 77 (n,n') Level
Legendre Coefficients

73-Ta-176



73-Ta-176

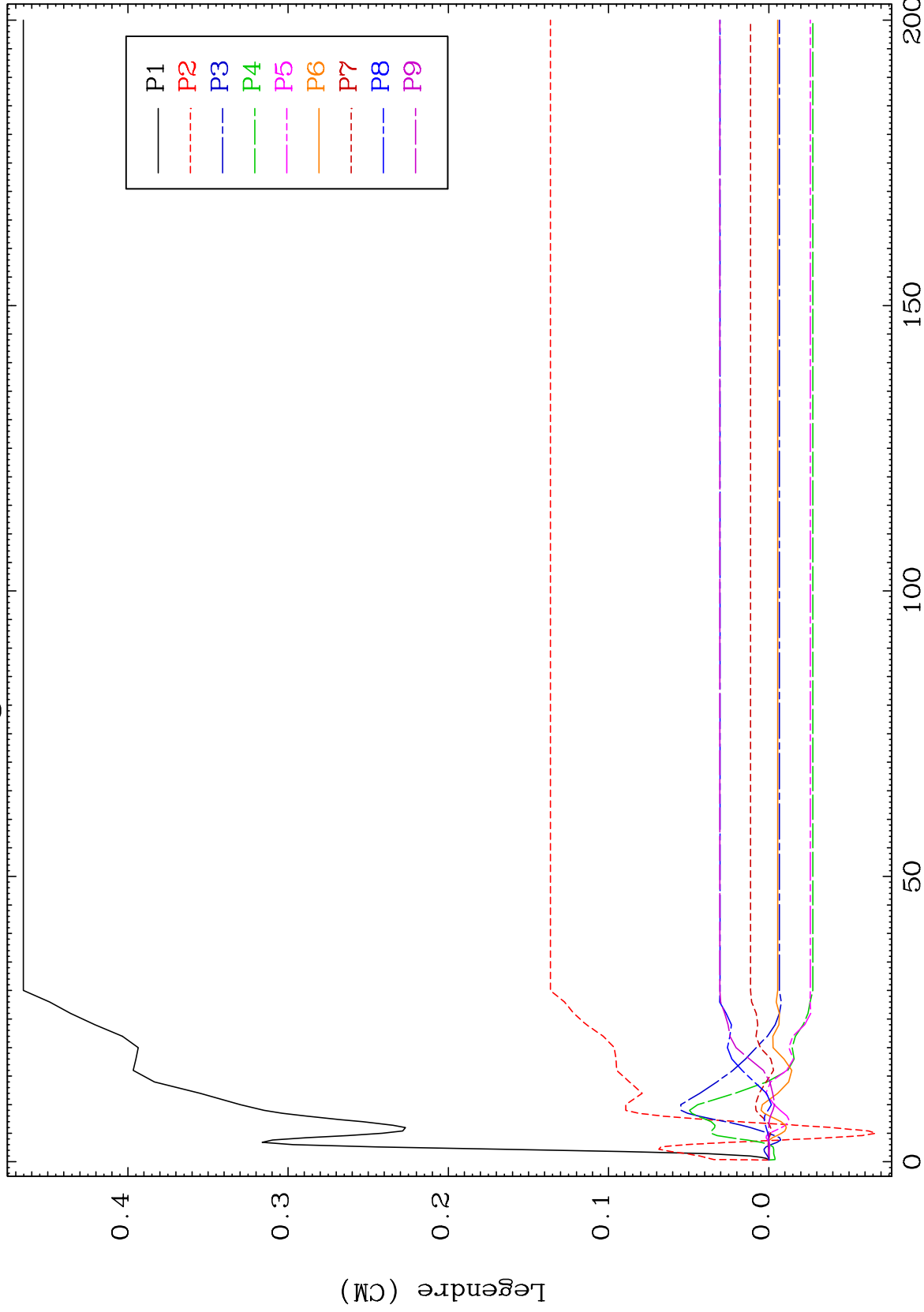
Incident Energy (MeV)

114

MAT 7313

MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-176



115

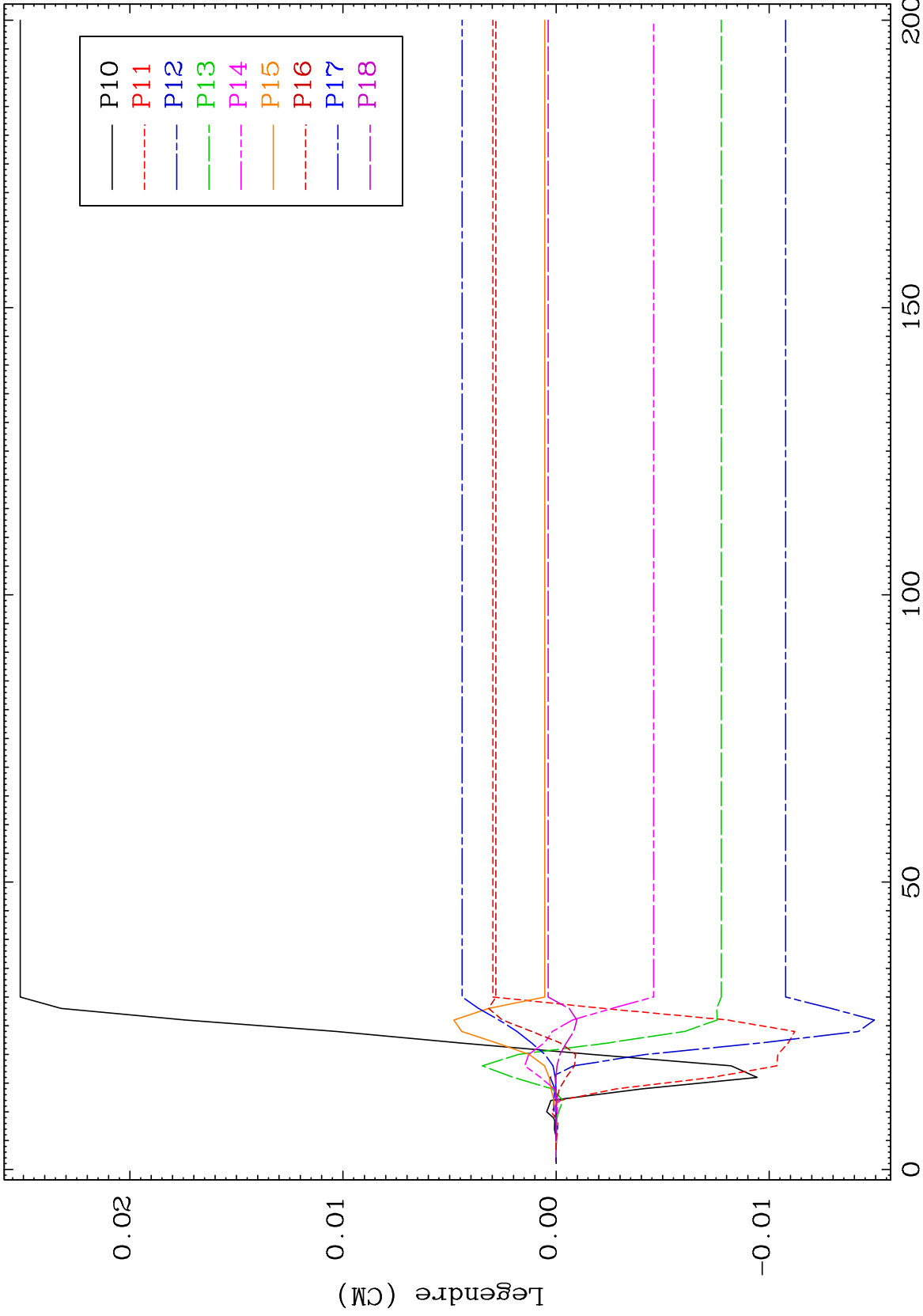
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-176



116

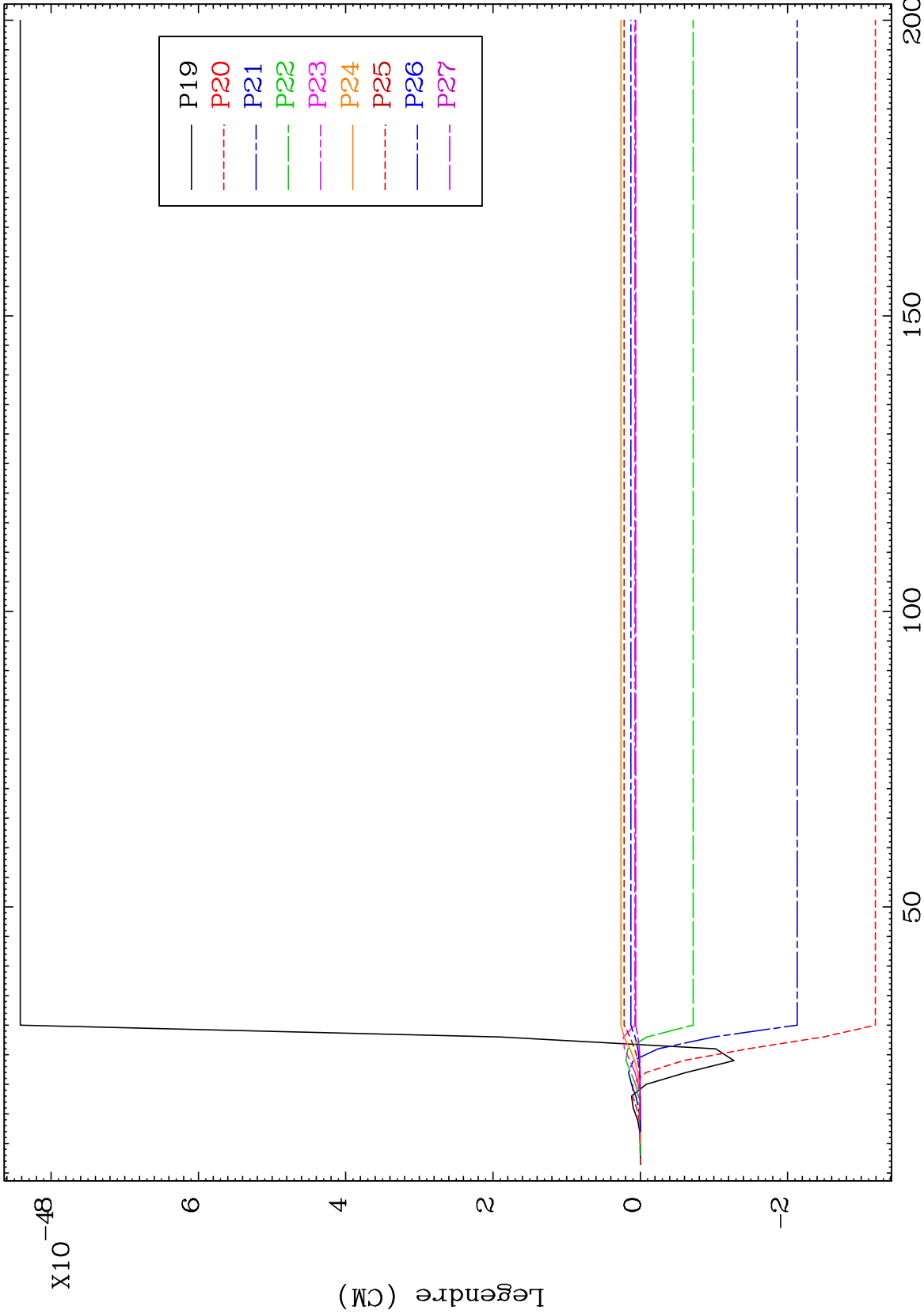
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-176



117

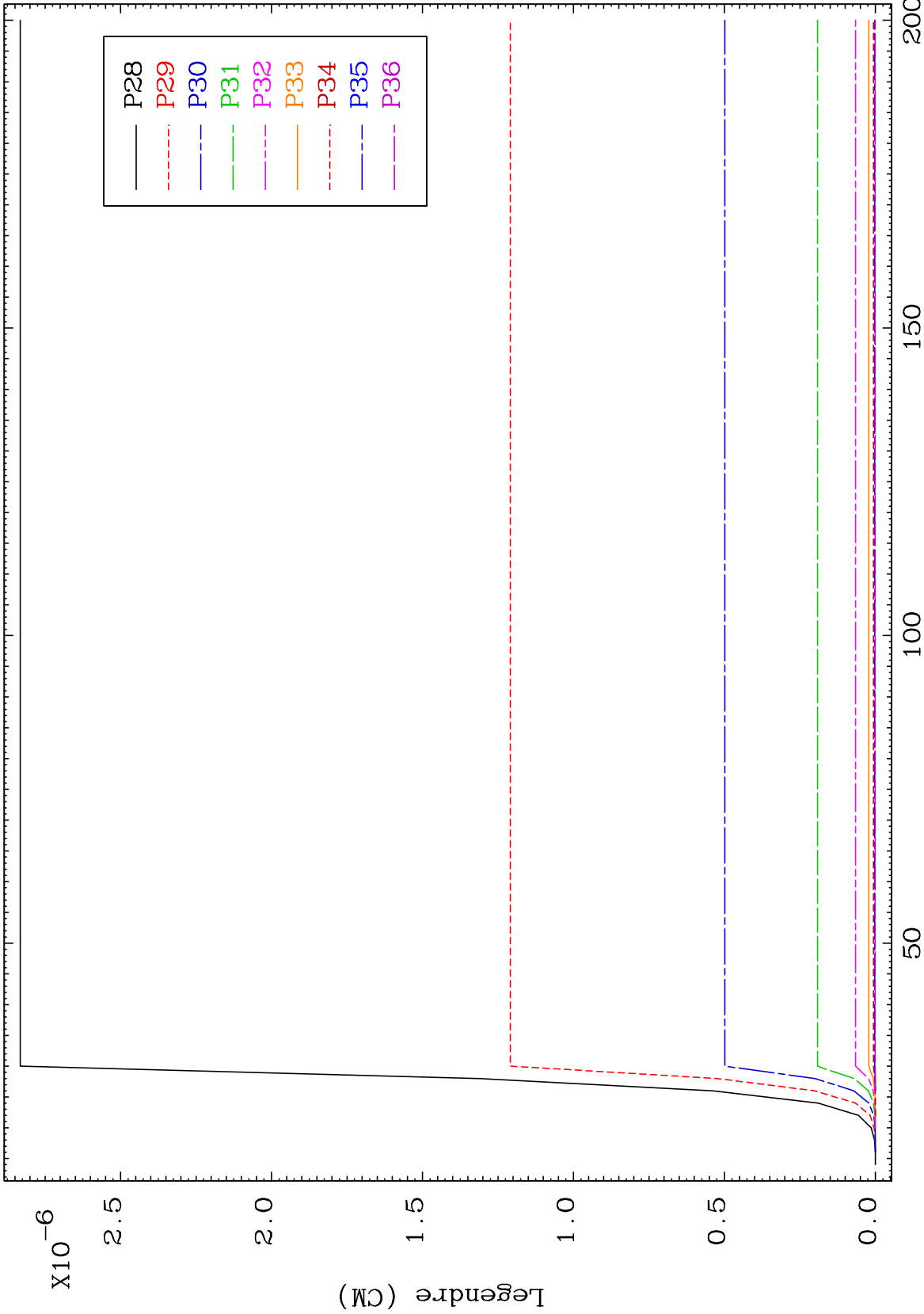
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 78 (n,n') Level
Legendre Coefficients

73-Ta-176



118

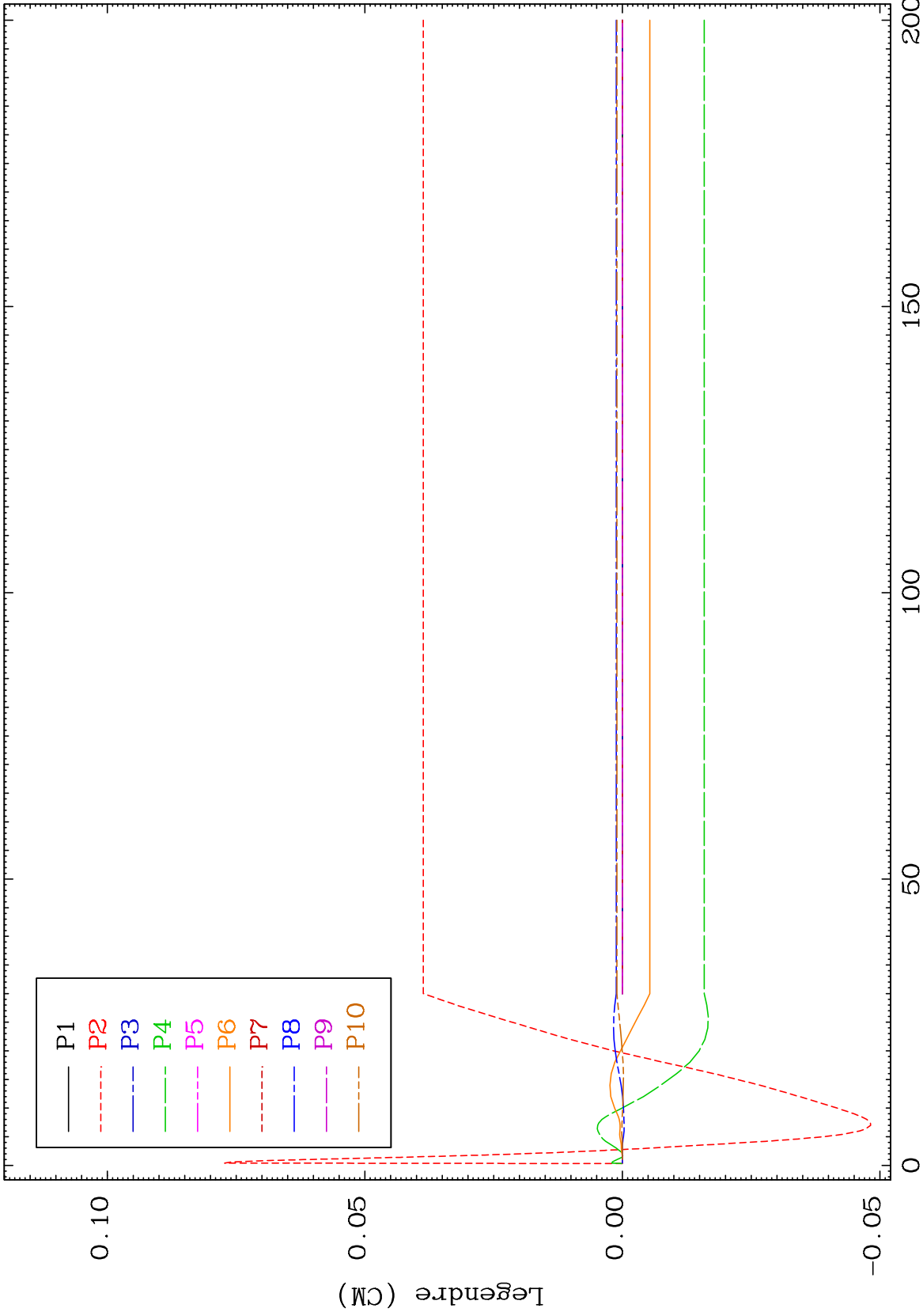
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 79 (n,n') Level
Legendre Coefficients

73-Ta-176



119

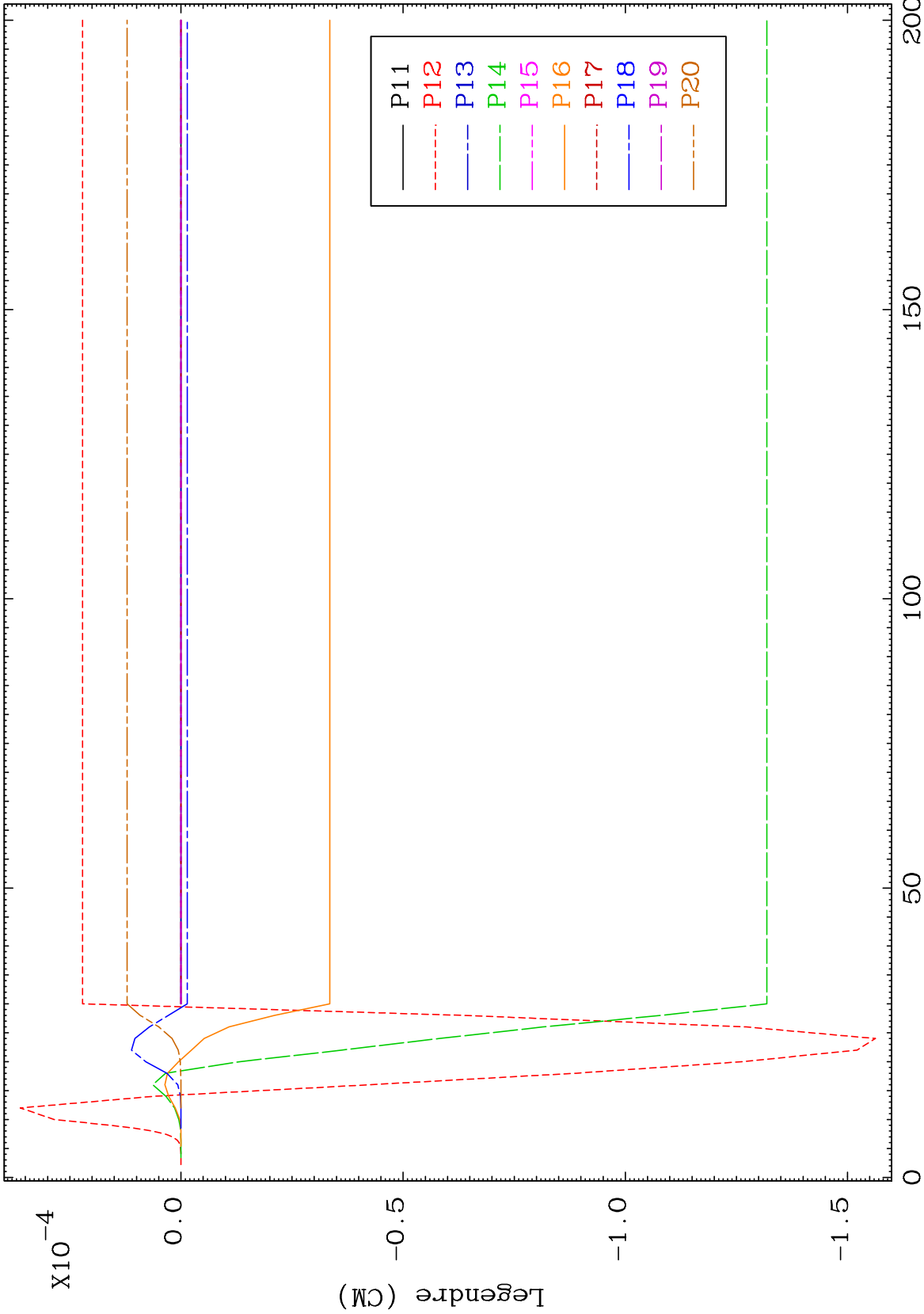
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 79 (n,n') Level
Legendre Coefficients

73-Ta-176



120

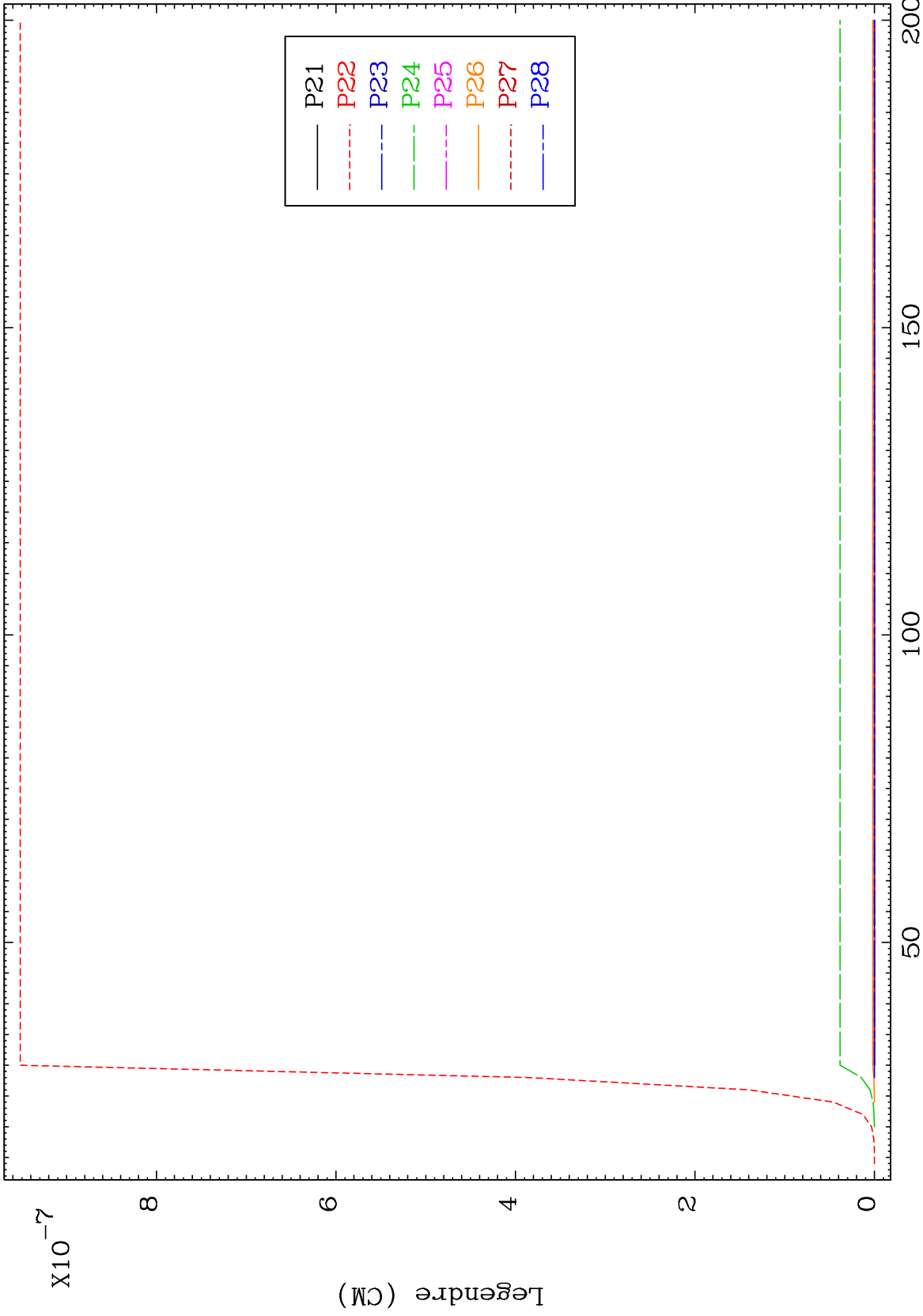
Incident Energy (MeV)

73-Ta-176

MAT 7313

MT= 79 (n,n') Level
Legendre Coefficients

73-Ta-176



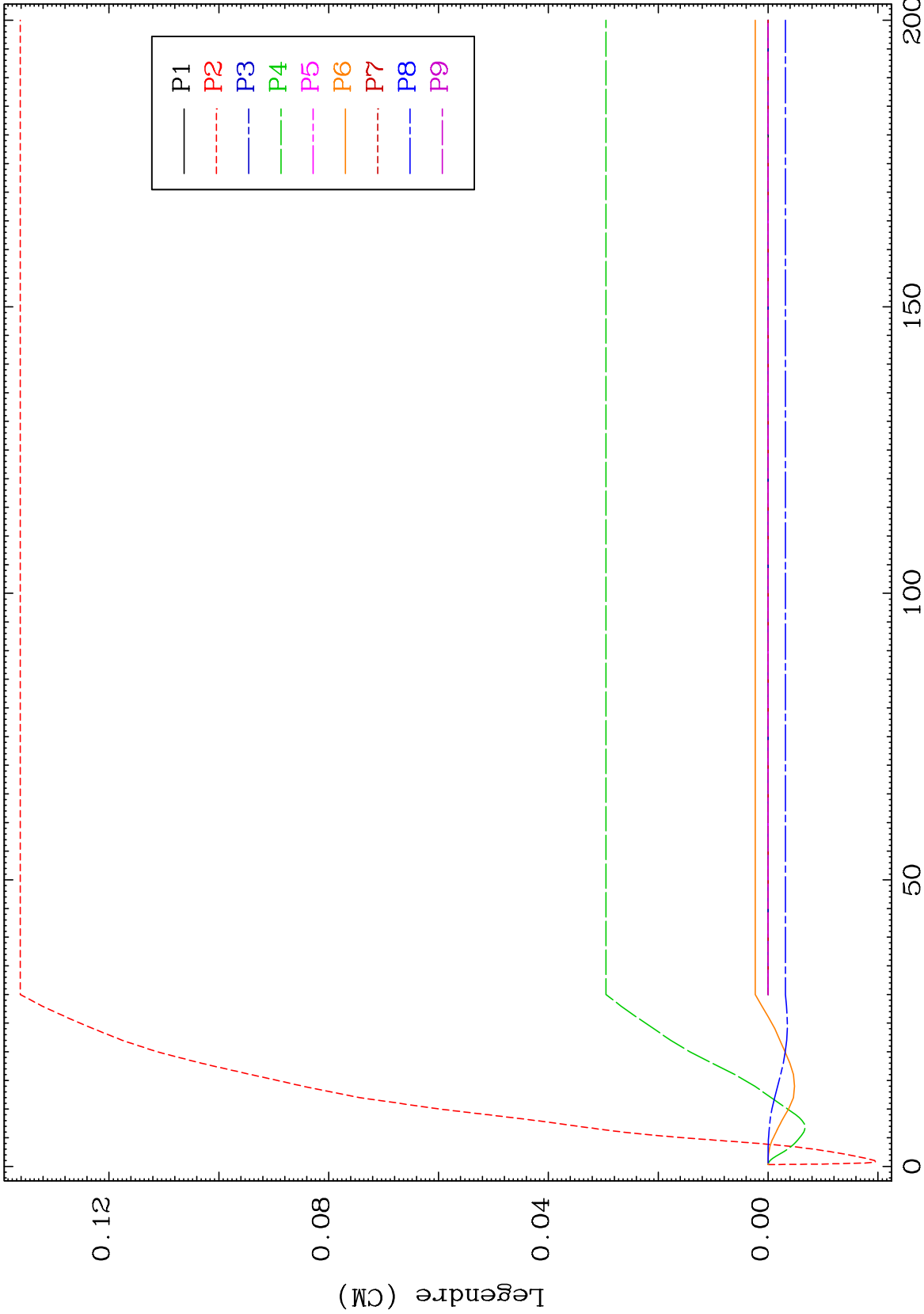
121

73-Ta-176

MAT 7313

MT= 80 (n,n') Level
Legendre Coefficients

73-Ta-176



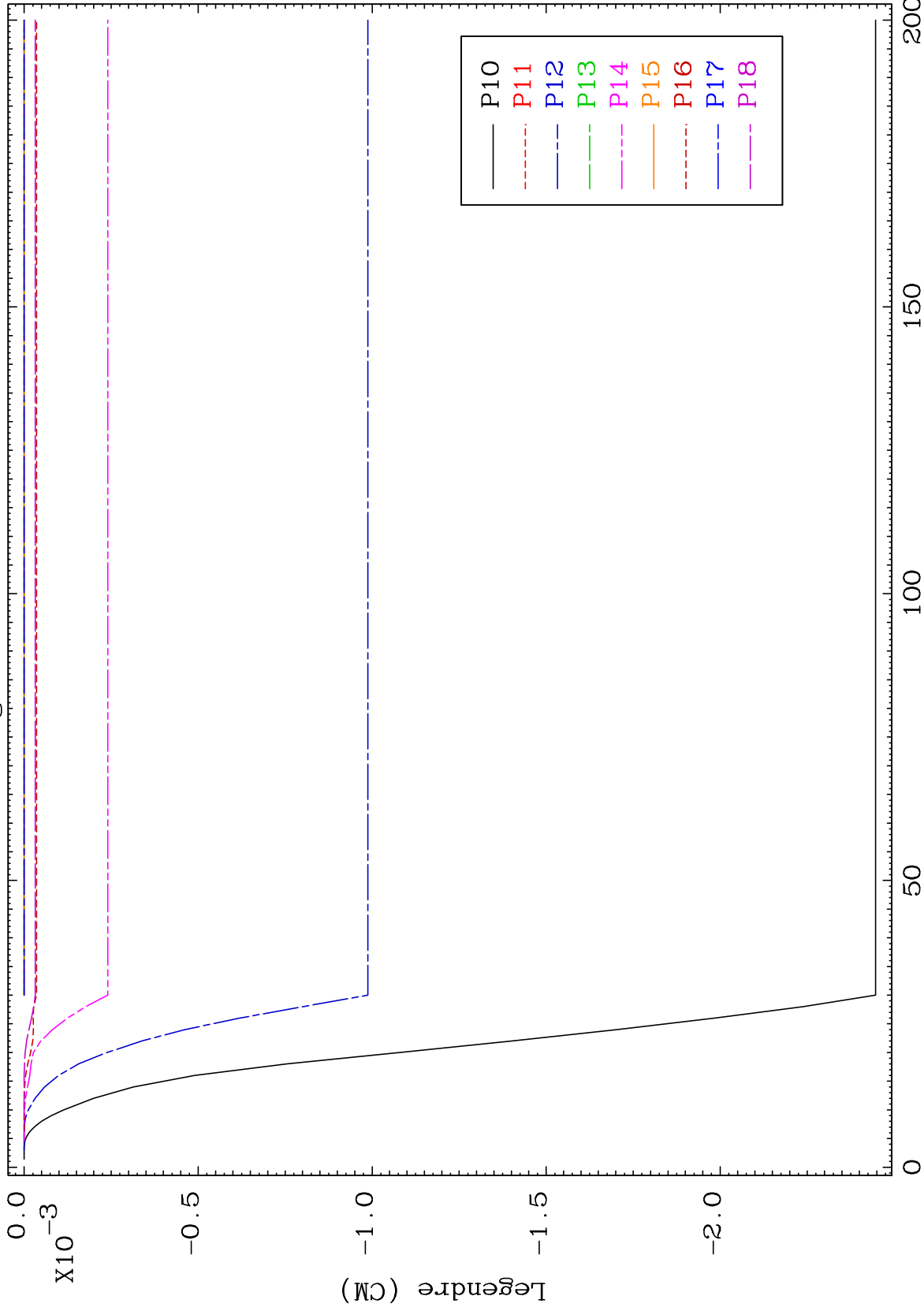
122

73-Ta-176

MAT 7313

MT= 80 (n,n') Level
Legendre Coefficients

73-Ta-176



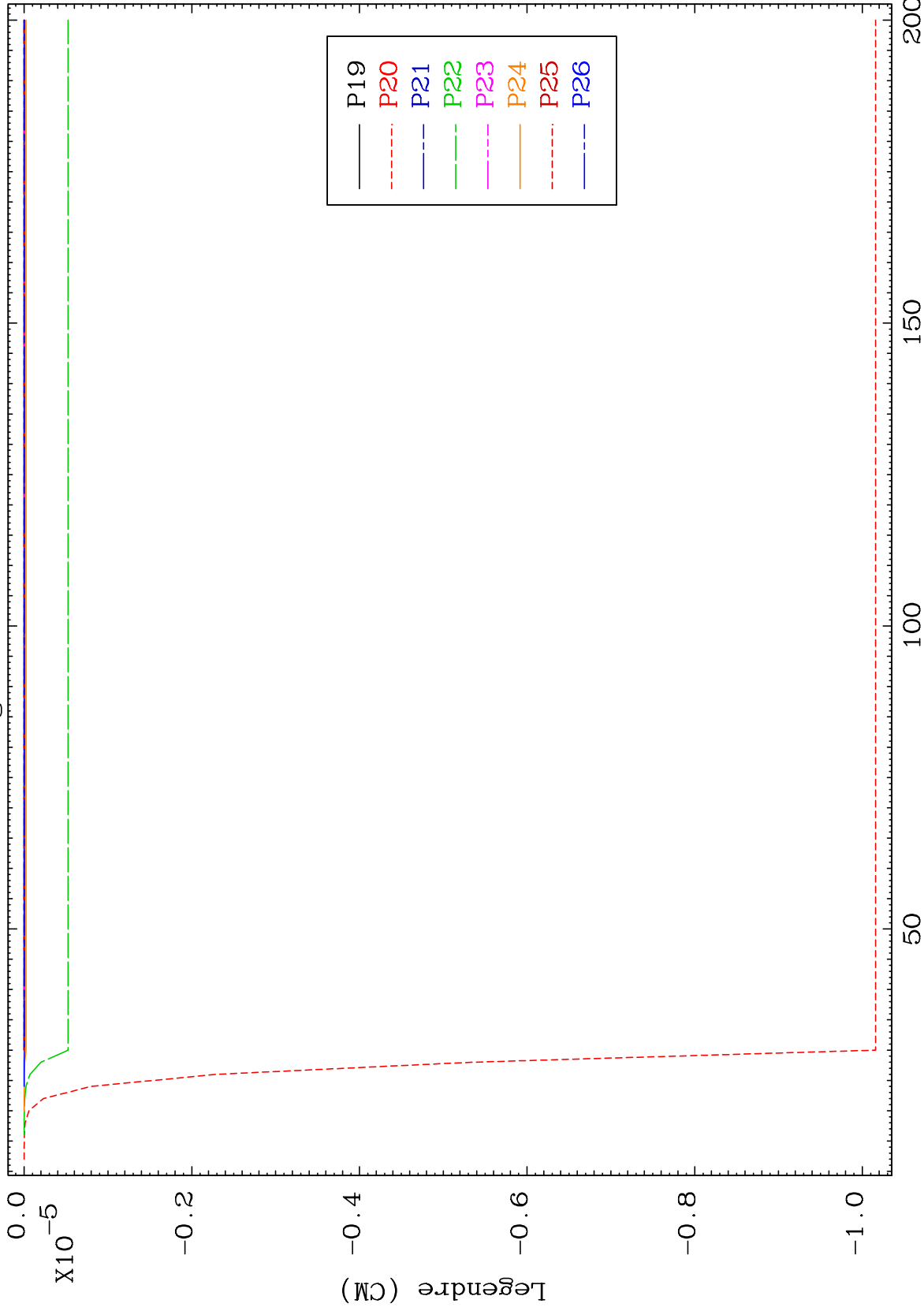
123

73-Ta-176

MAT 7313

MT= 80 (n,n') Level
Legendre Coefficients

73-Ta-176



124

Incident Energy (MeV)

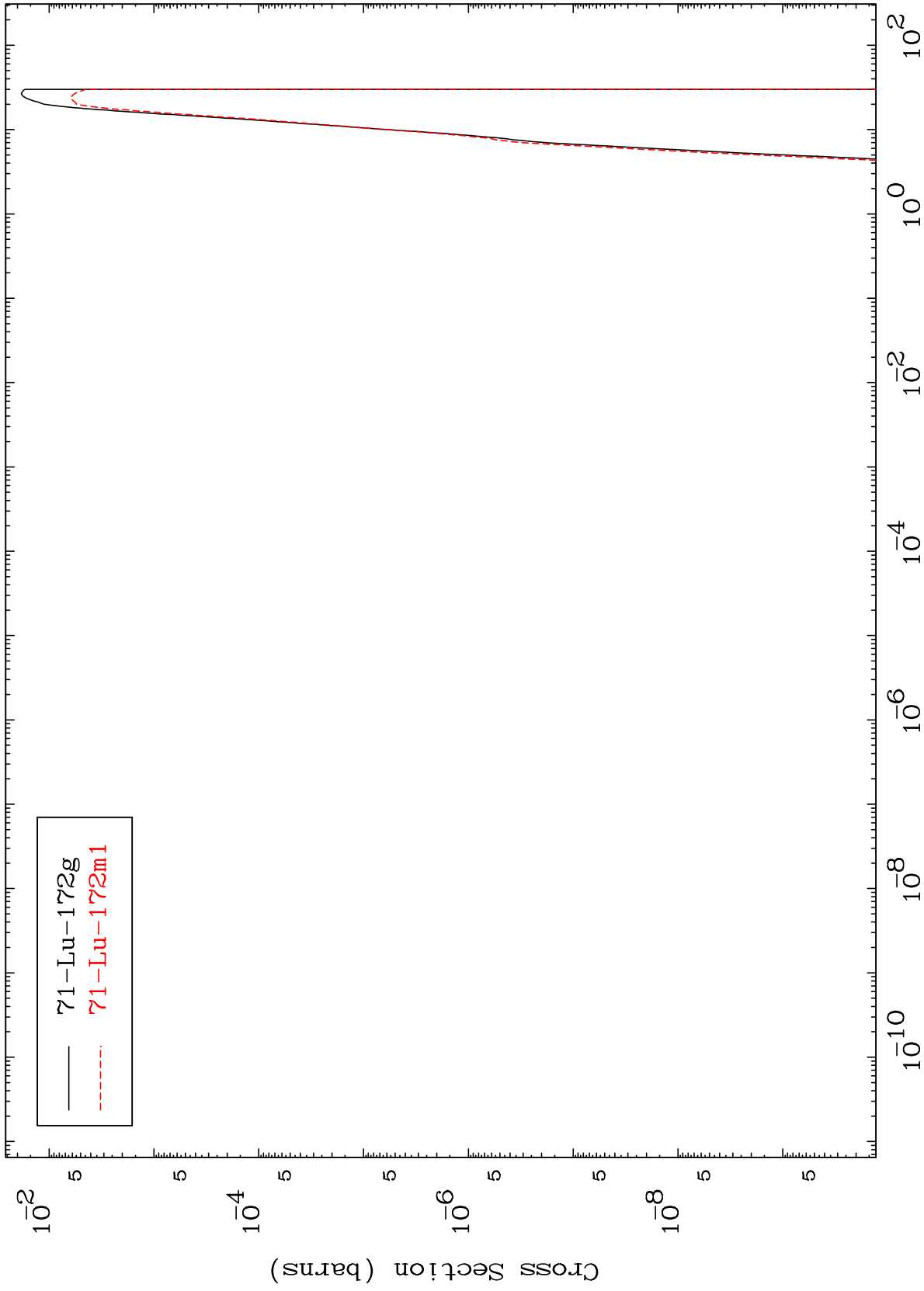
73-Ta-176

MAT 7313

(n,n') α

⁷³Ta-176

Radionuclide Production Cross Section

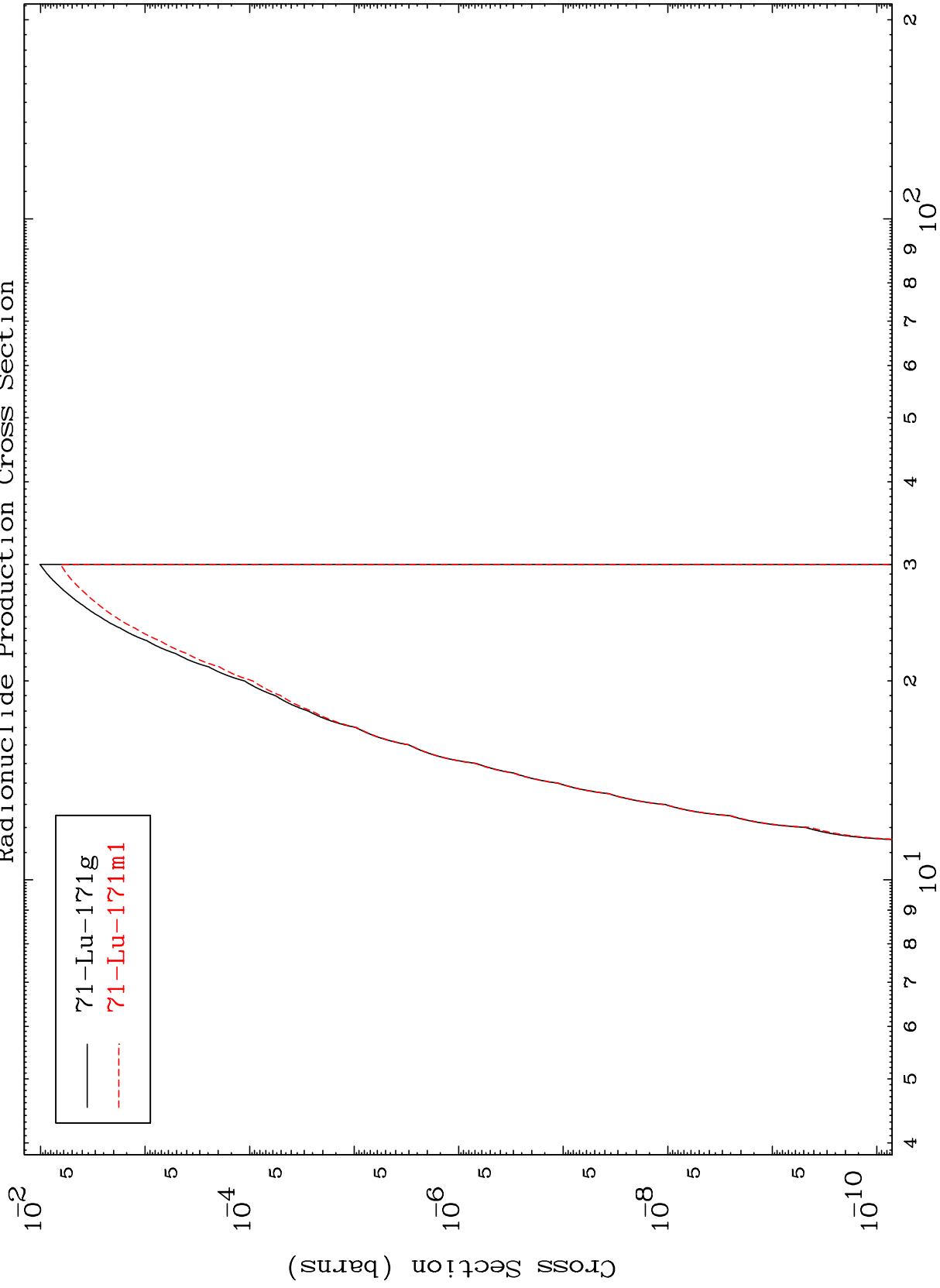


MAT 7313

(n,2n) α

⁷³Ta-176

Radionuclide Production Cross Section



126

Incident Energy (MeV)

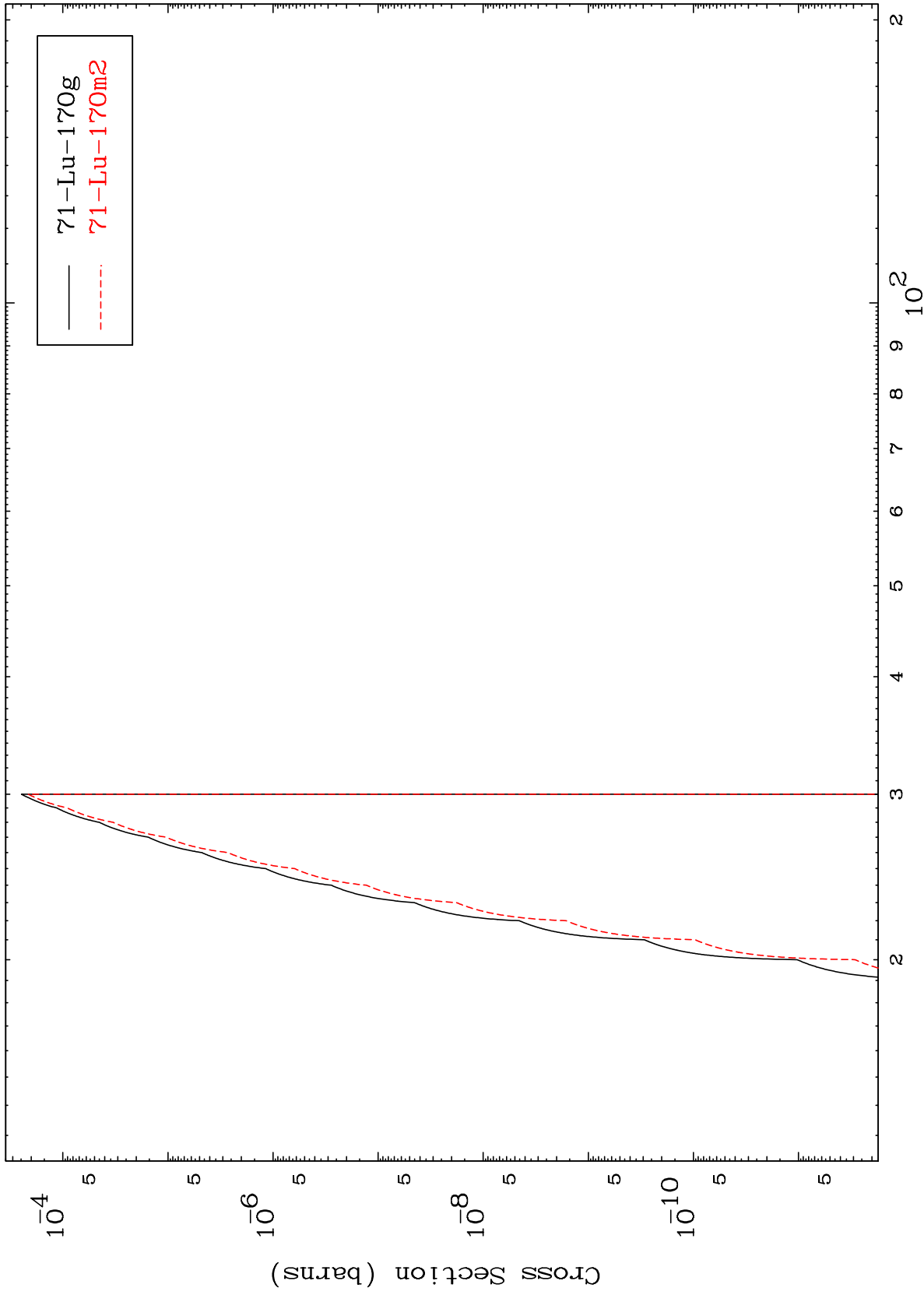
⁷³Ta-176

MAT 7313

$(n, 3n) \alpha$

$^{73}\text{Ta-176}$

Radionuclide Production Cross Section



127

Incident Energy (MeV)

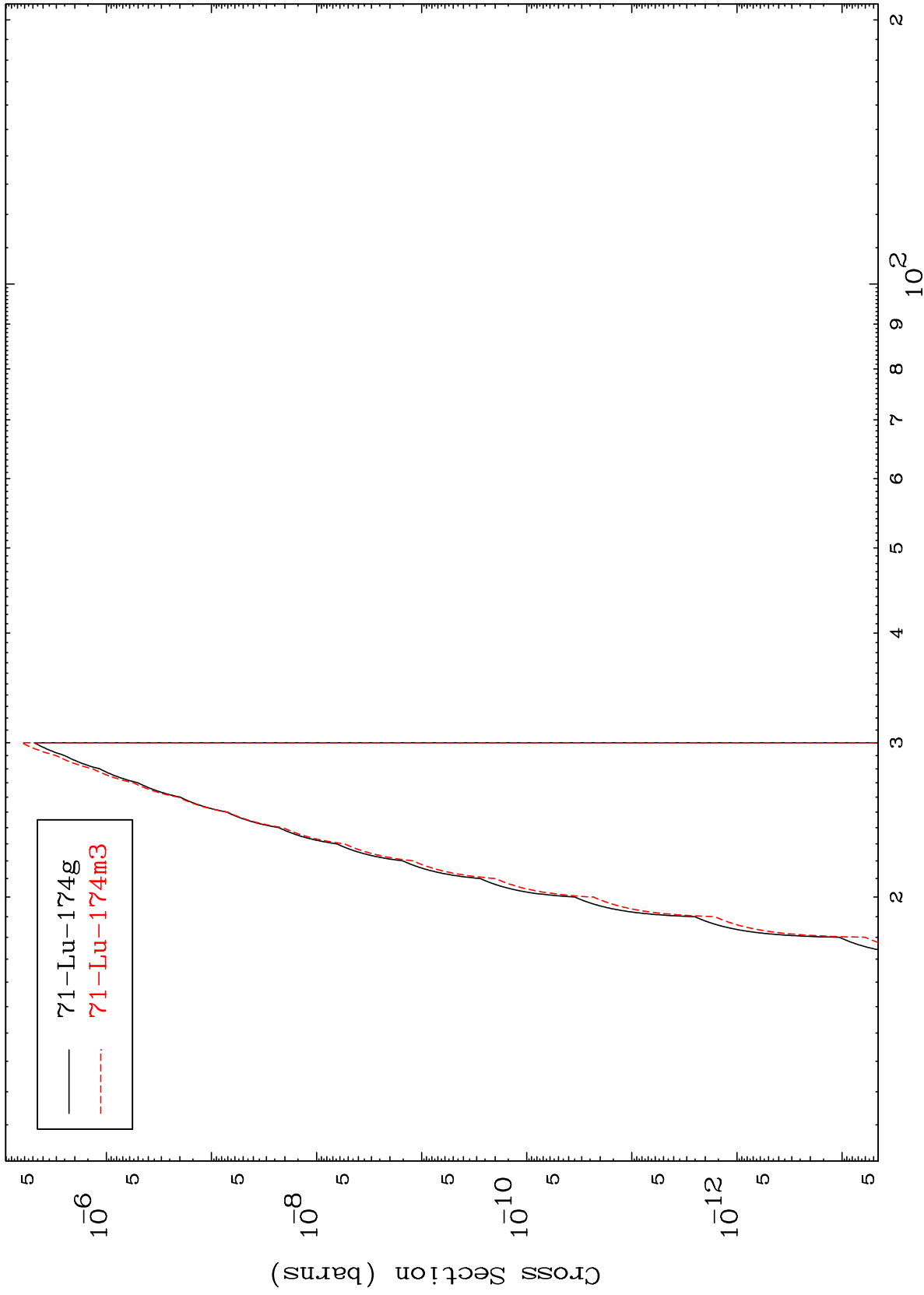
$^{73}\text{Ta-176}$

MAT 7313

(n,2n) p

⁷³Ta-176

Radionuclide Production Cross Section



128

Incident Energy (MeV)

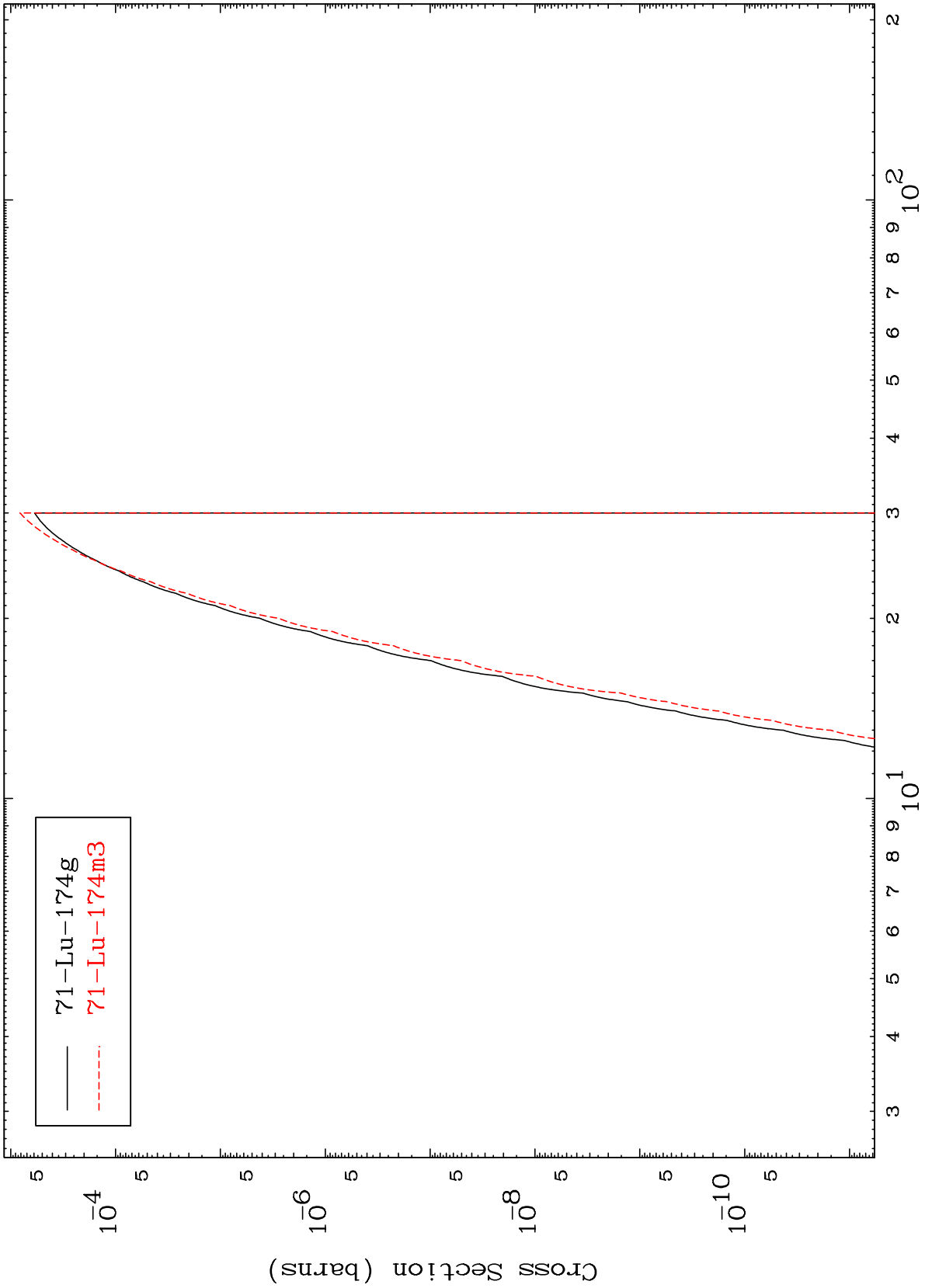
⁷³Ta-176

MAT 7313

(n, He-3)

73-Ta-176

Radionuclide Production Cross Section



129

Incident Energy (MeV)

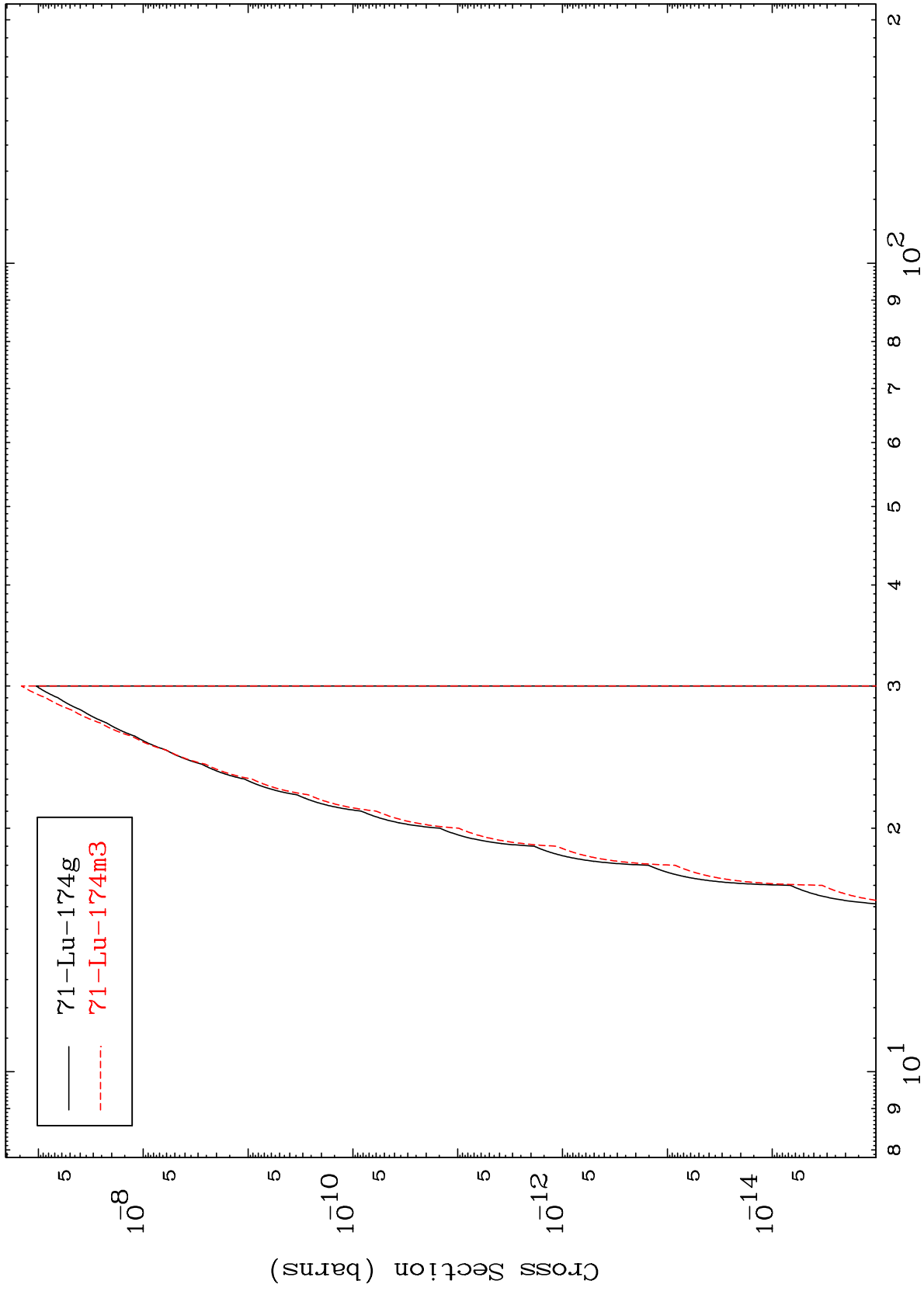
73-Ta-176

MAT 7313

(n,p) d

73-Ta-176

Radionuclide Production Cross Section



130

Incident Energy (MeV)

73-Ta-176