

Program EVALPLOT
(Version 2018-1)

by

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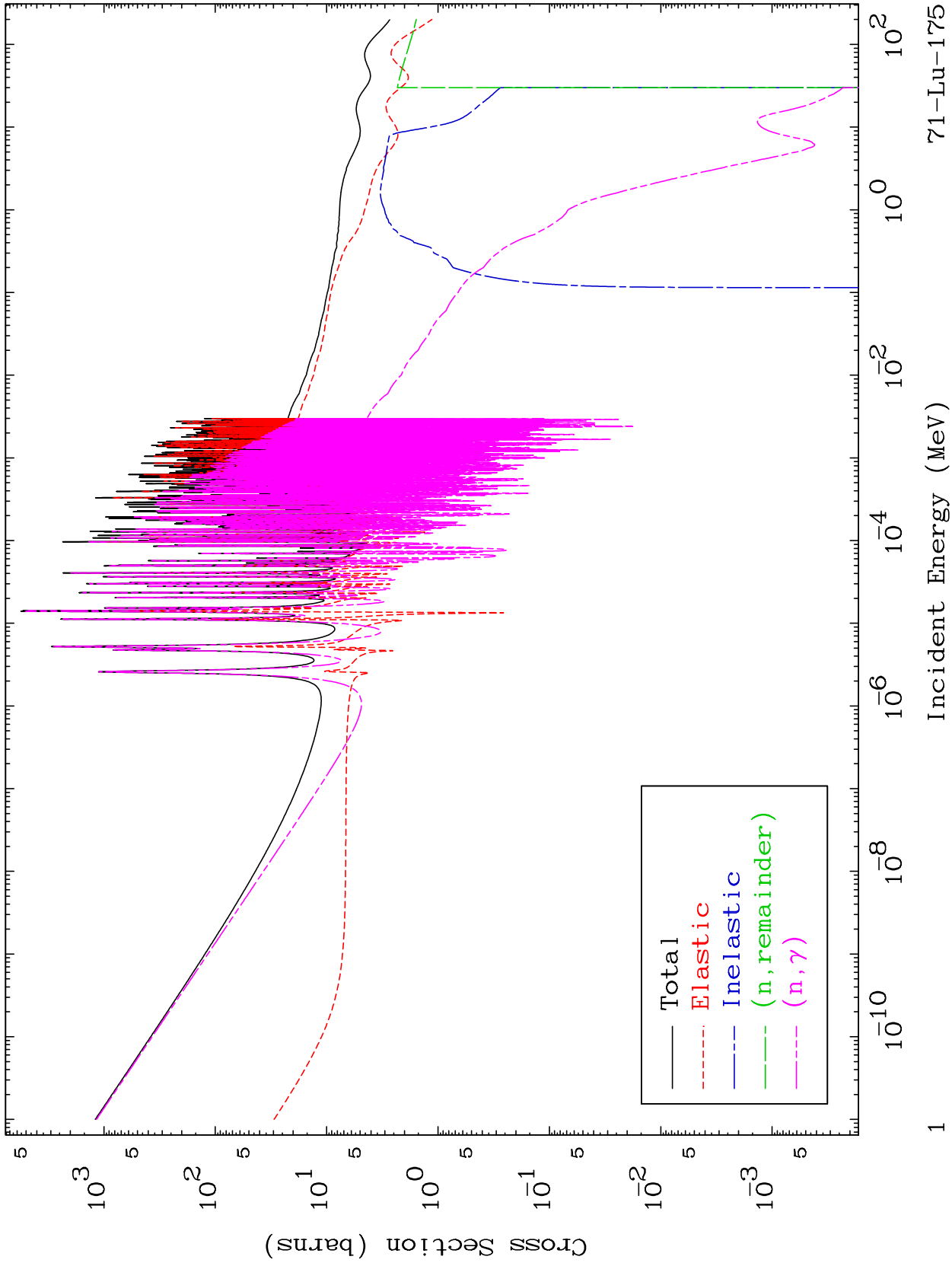
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7125

Major
293 Kelvin Cross Sections

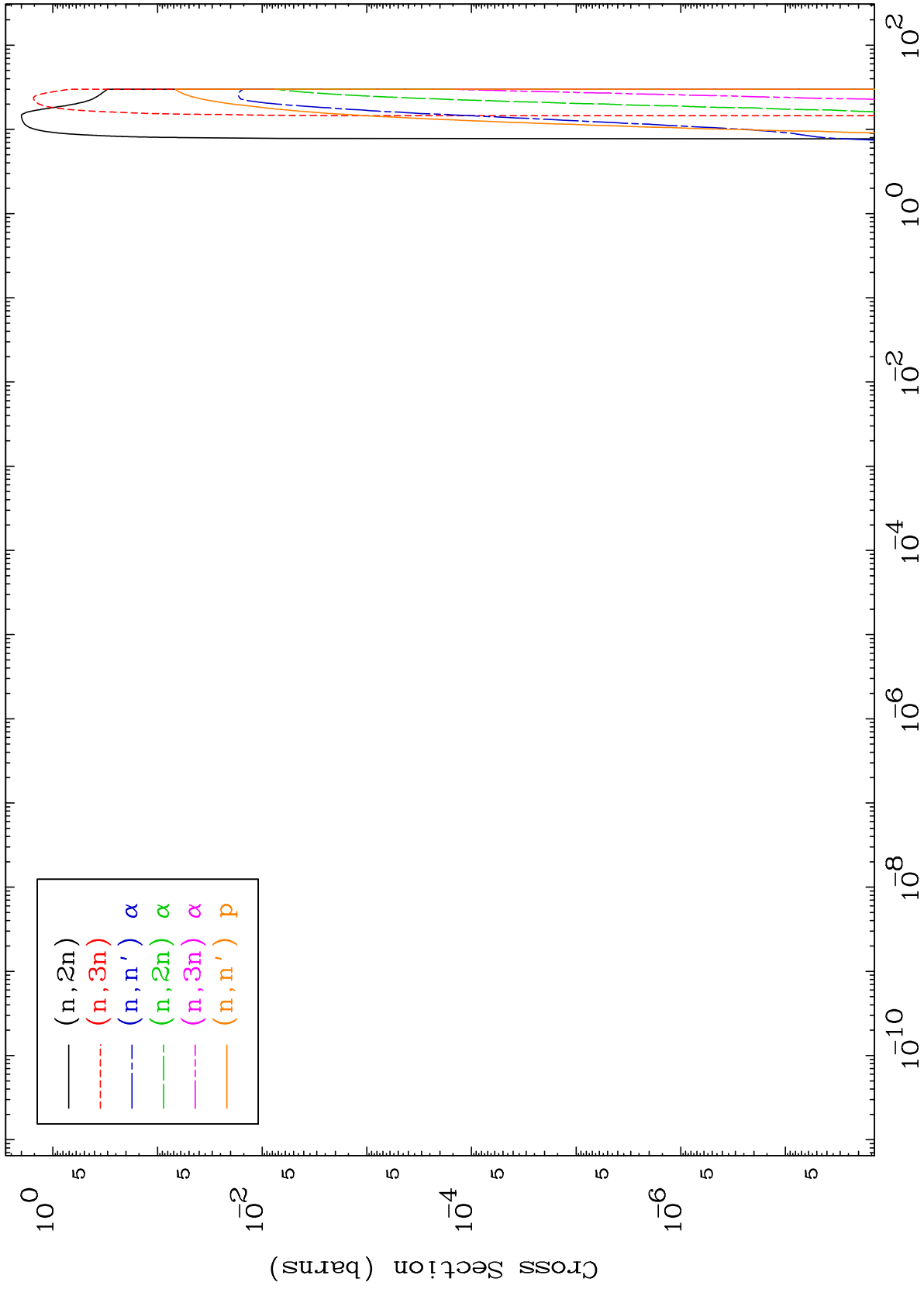
71-Lu-175



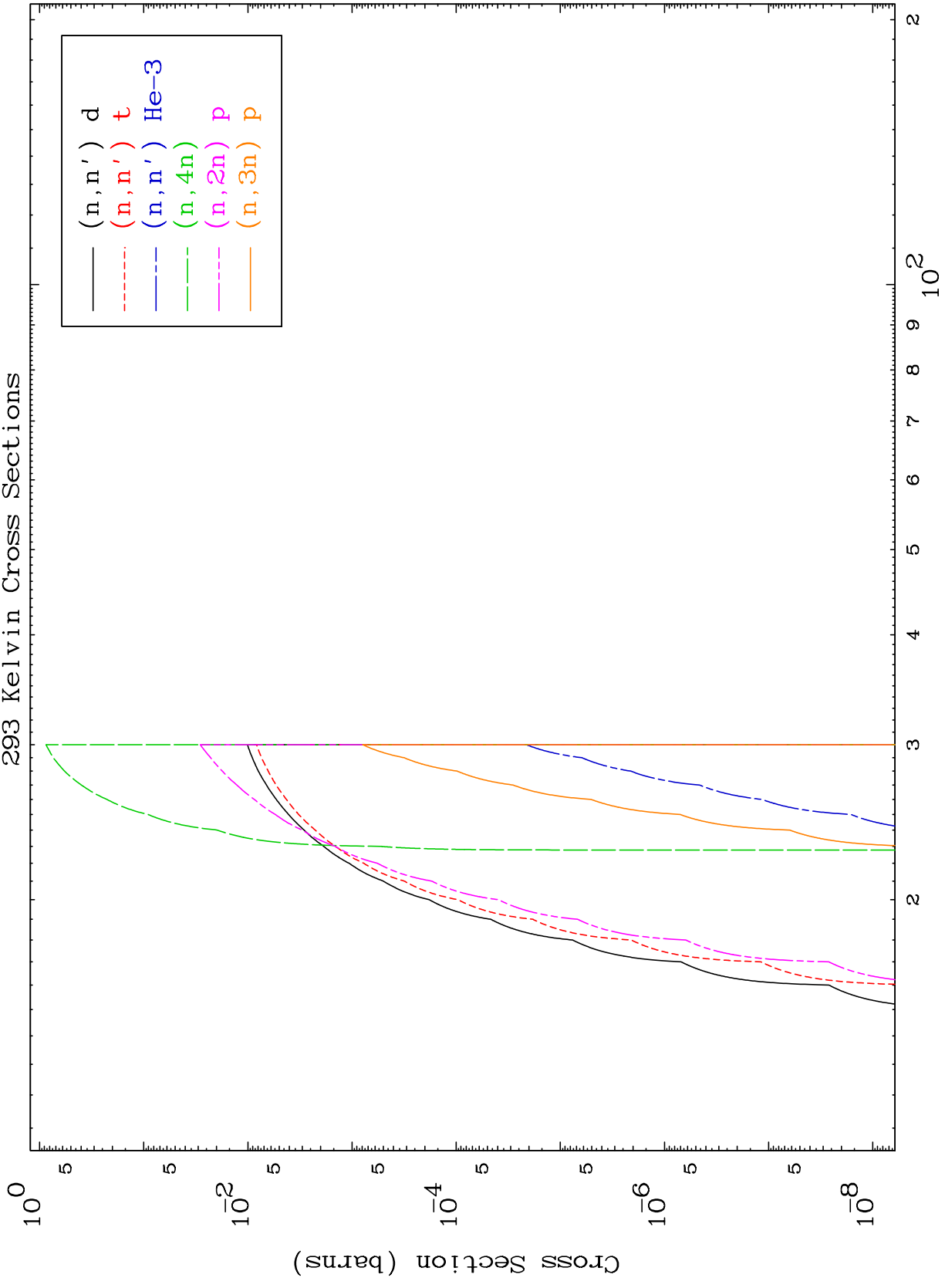
MAT 7125

Neutron Production
293 Kelvin Cross Sections

71-Lu-175



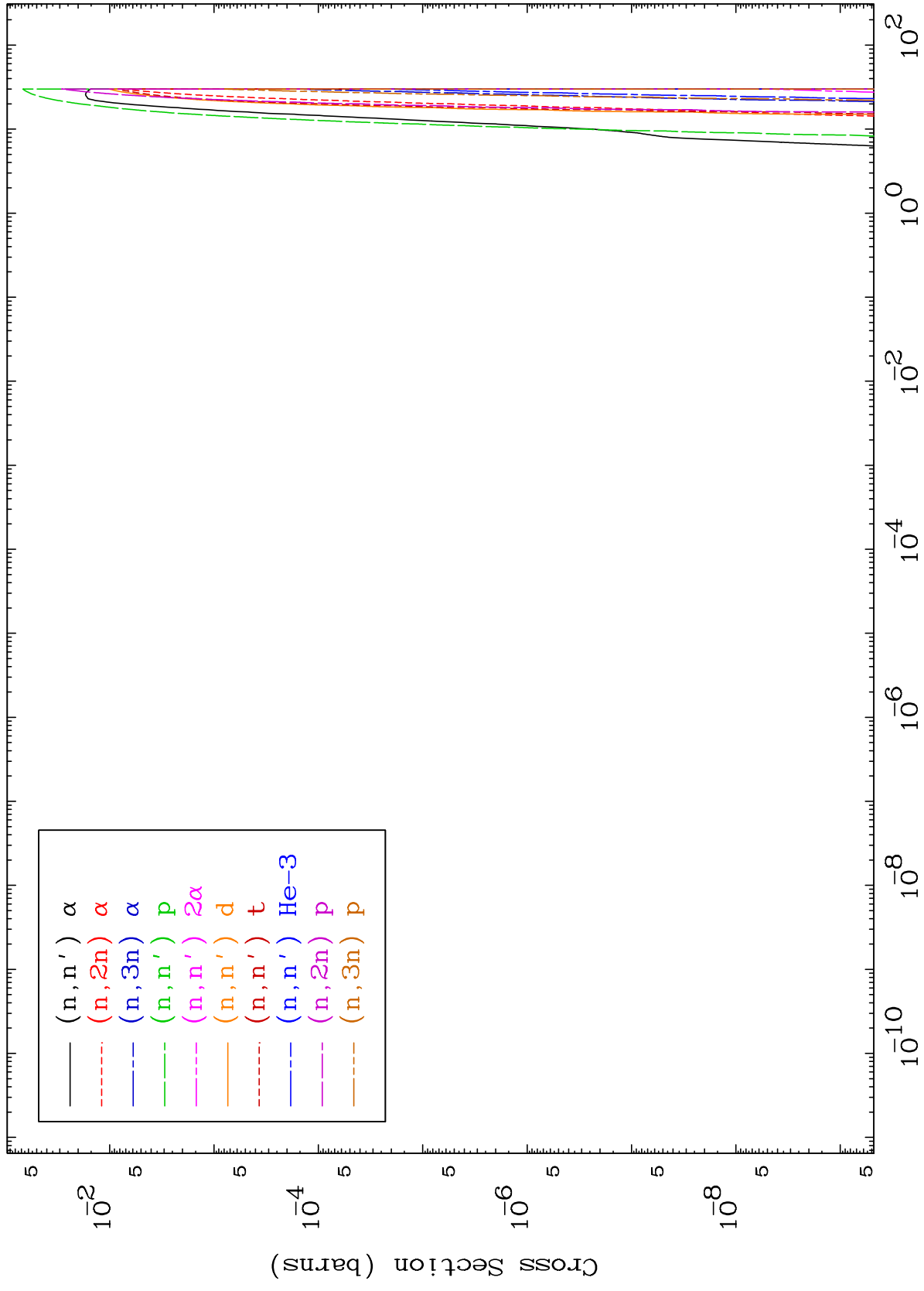
71-Lu-175



MAT 7125

Charged Particle
293 Kelvin Cross Sections

71-Lu-175



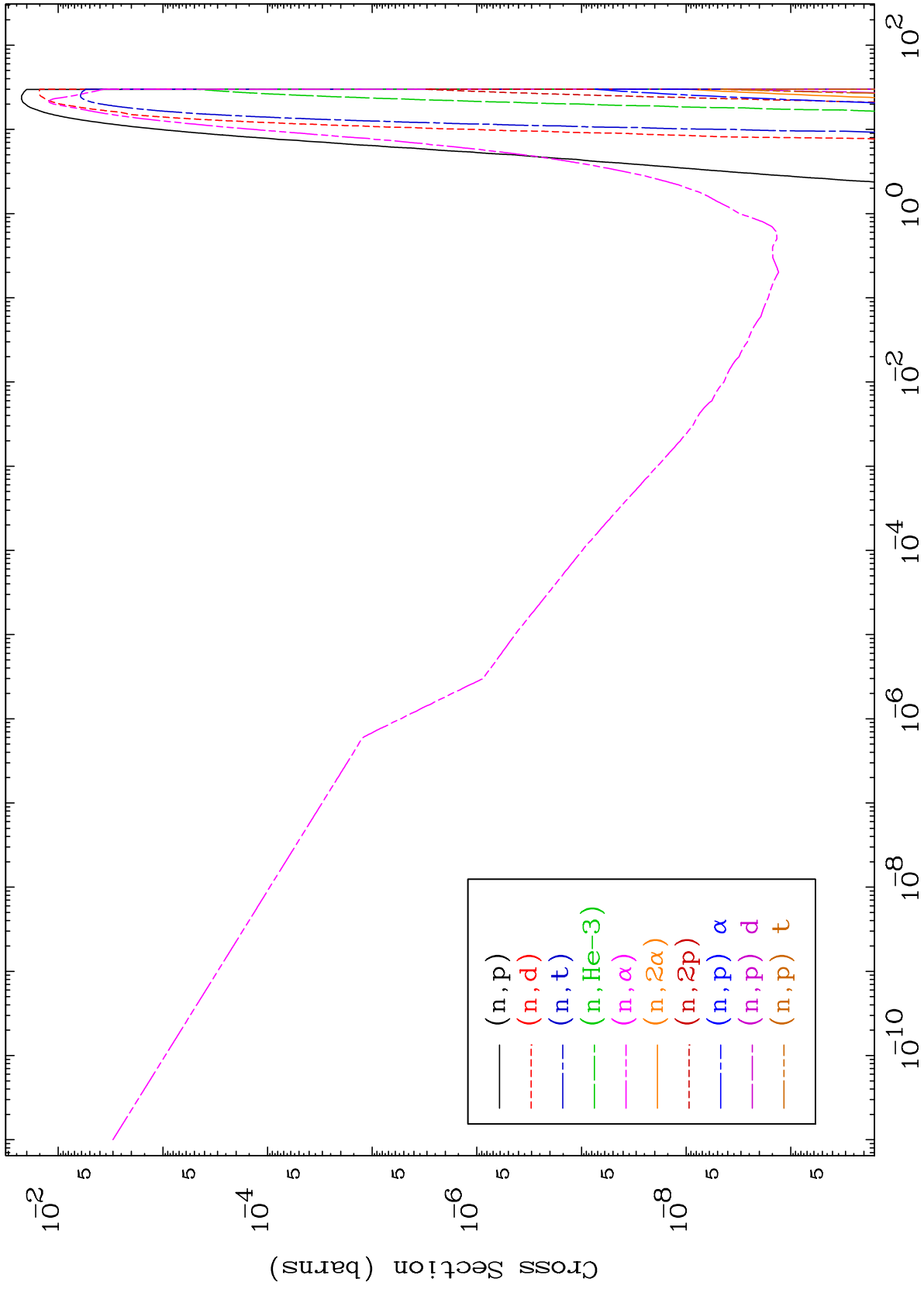
71-Lu-175

Incident Energy (MeV)

MAT 7125

Charged Particle
293 Kelvin Cross Sections

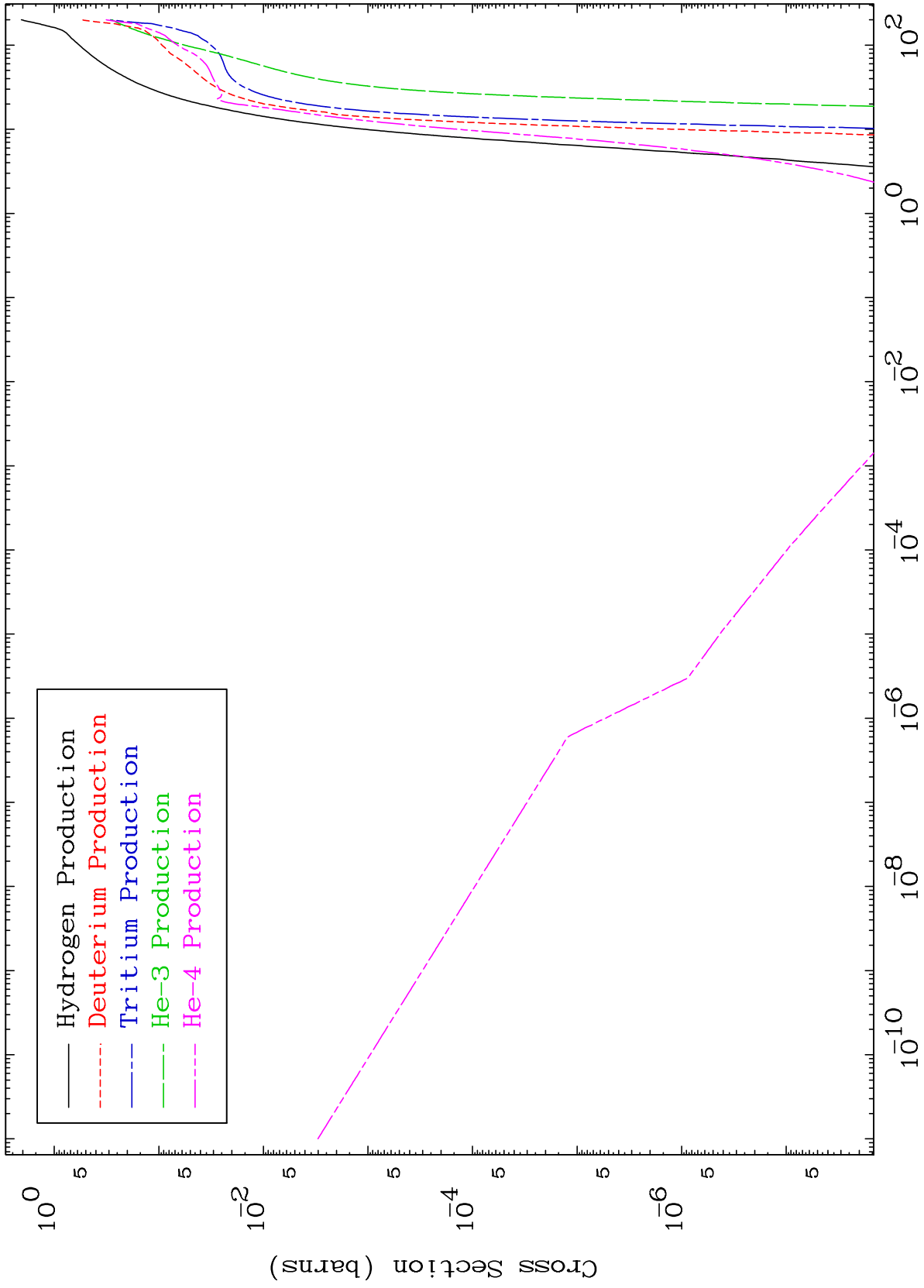
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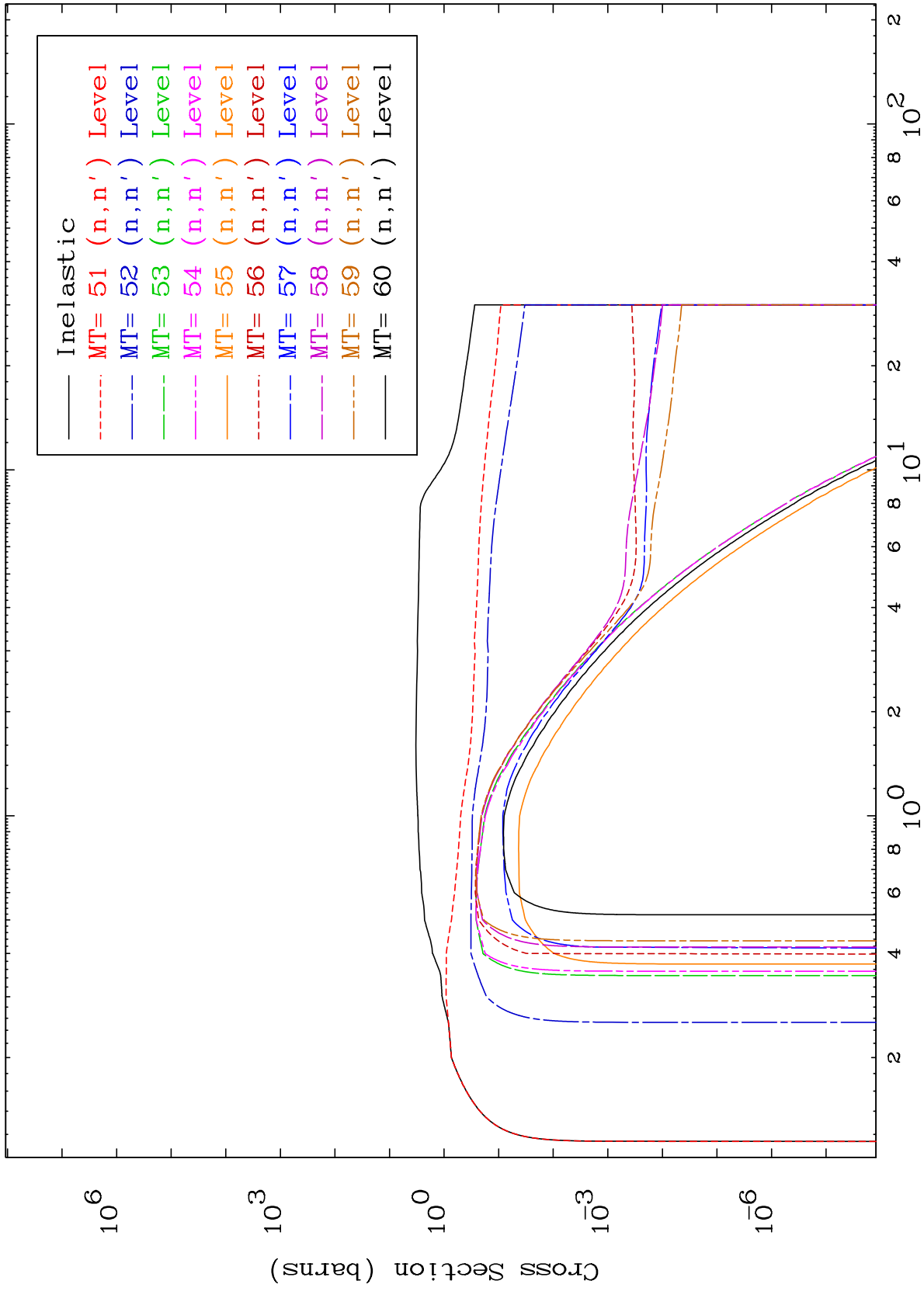


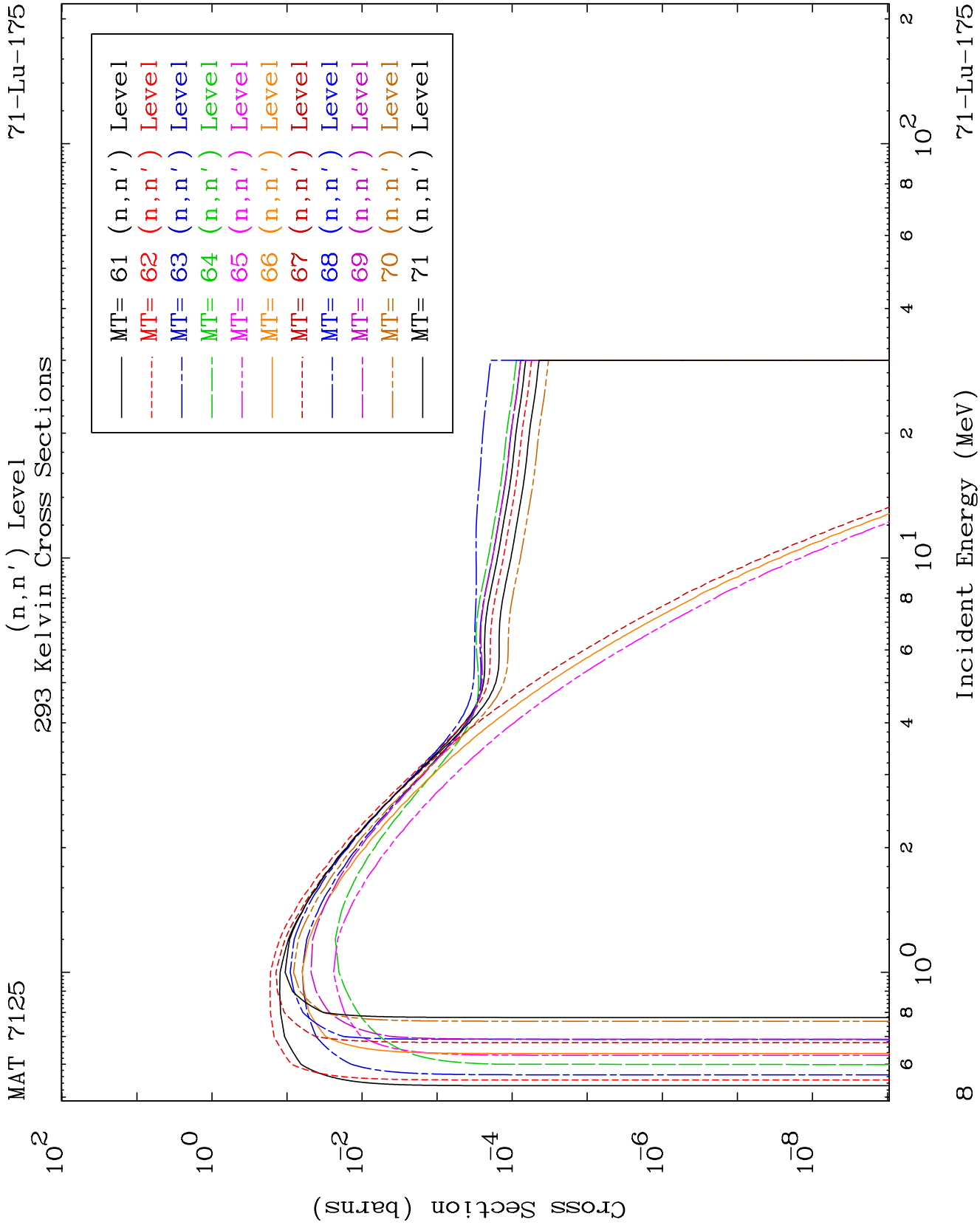
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Incident Energy (MeV)

71-Lu-175



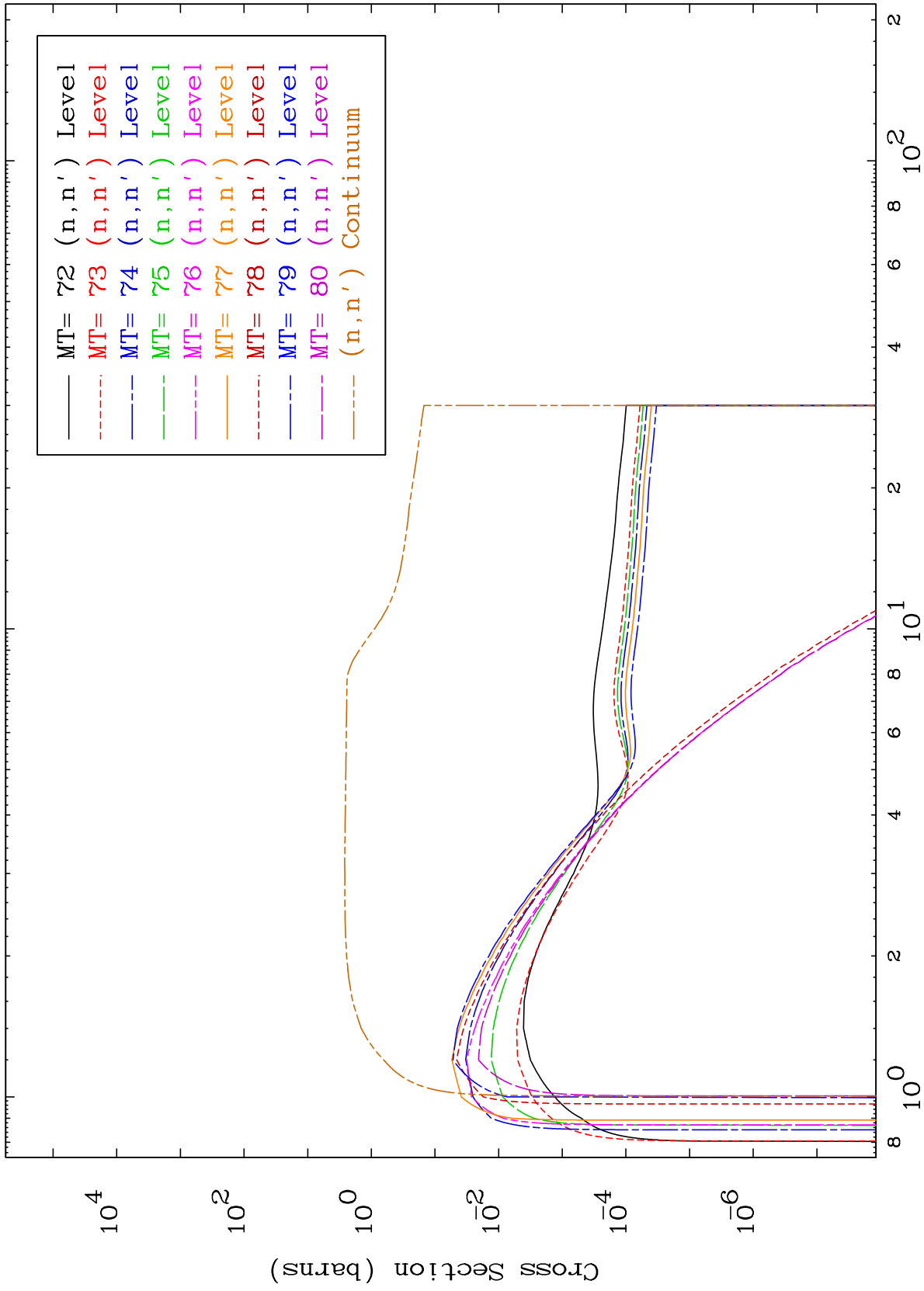




MAT 7125

(n,n') Level
293 Kelvin Cross Sections

71-Lu-175



9

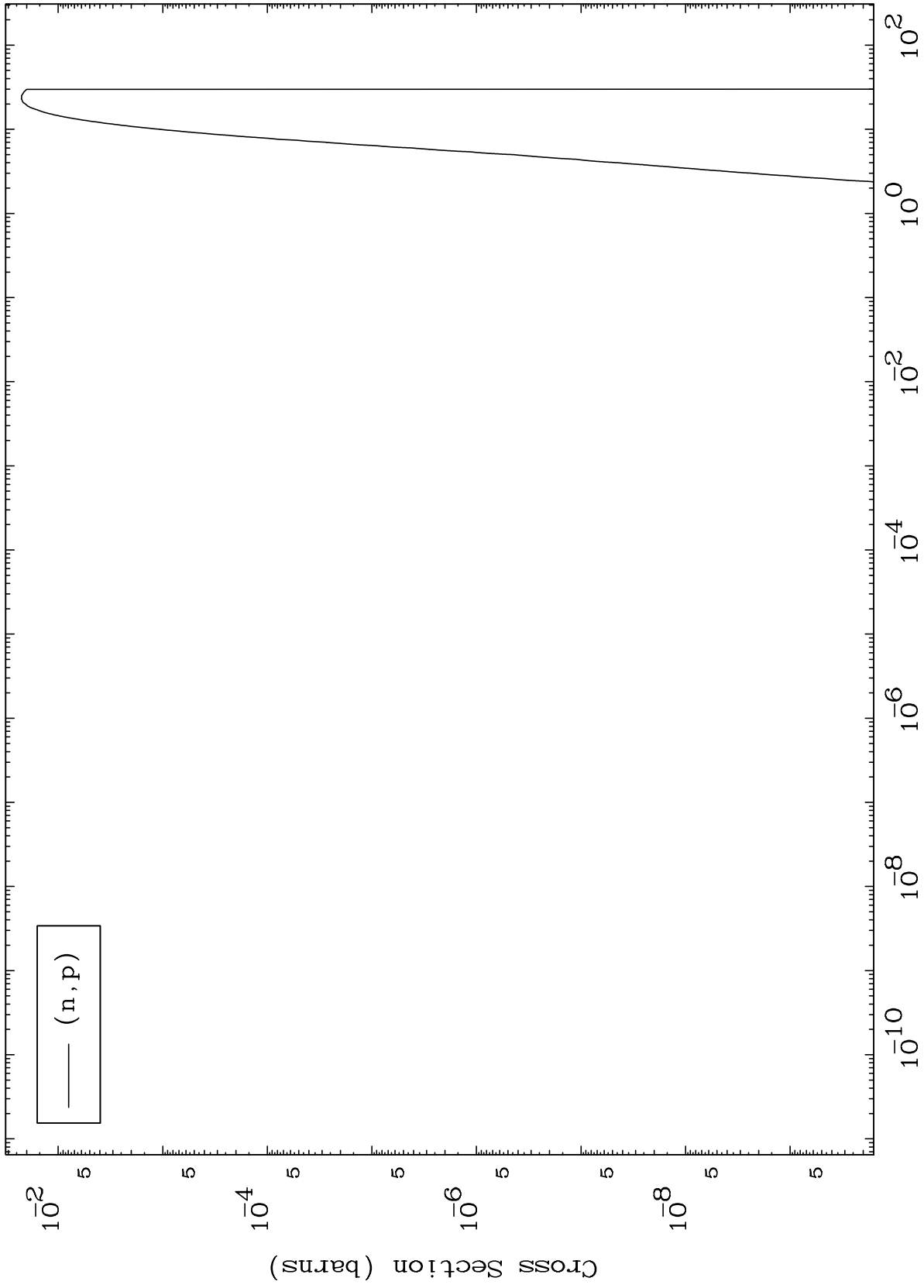
Incident Energy (MeV)

71-Lu-175

MAT 7125

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-175



10

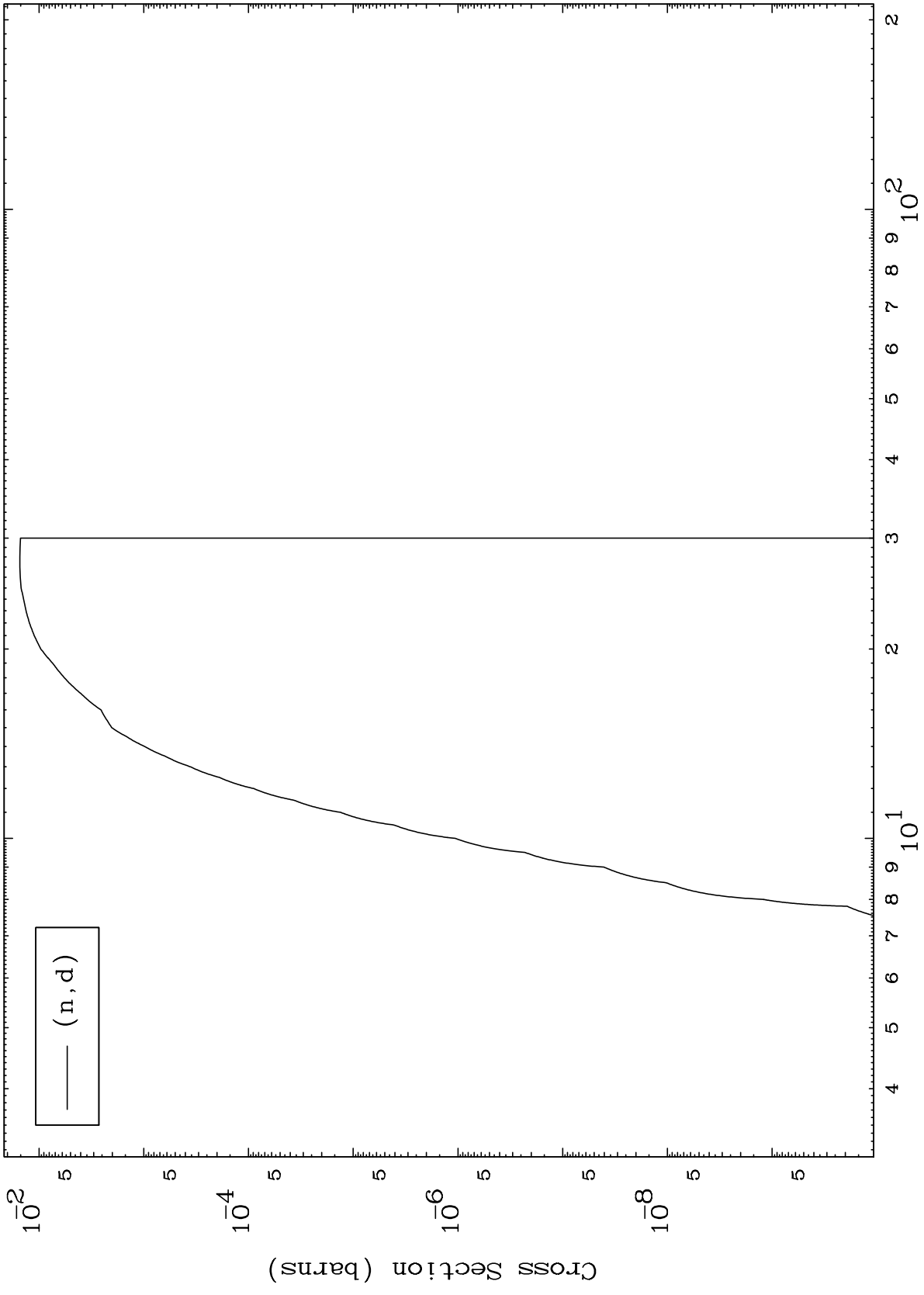
Incident Energy (MeV)

71-Lu-175

MAT 7125

(n,d) Levels
293 Kelvin Cross Sections

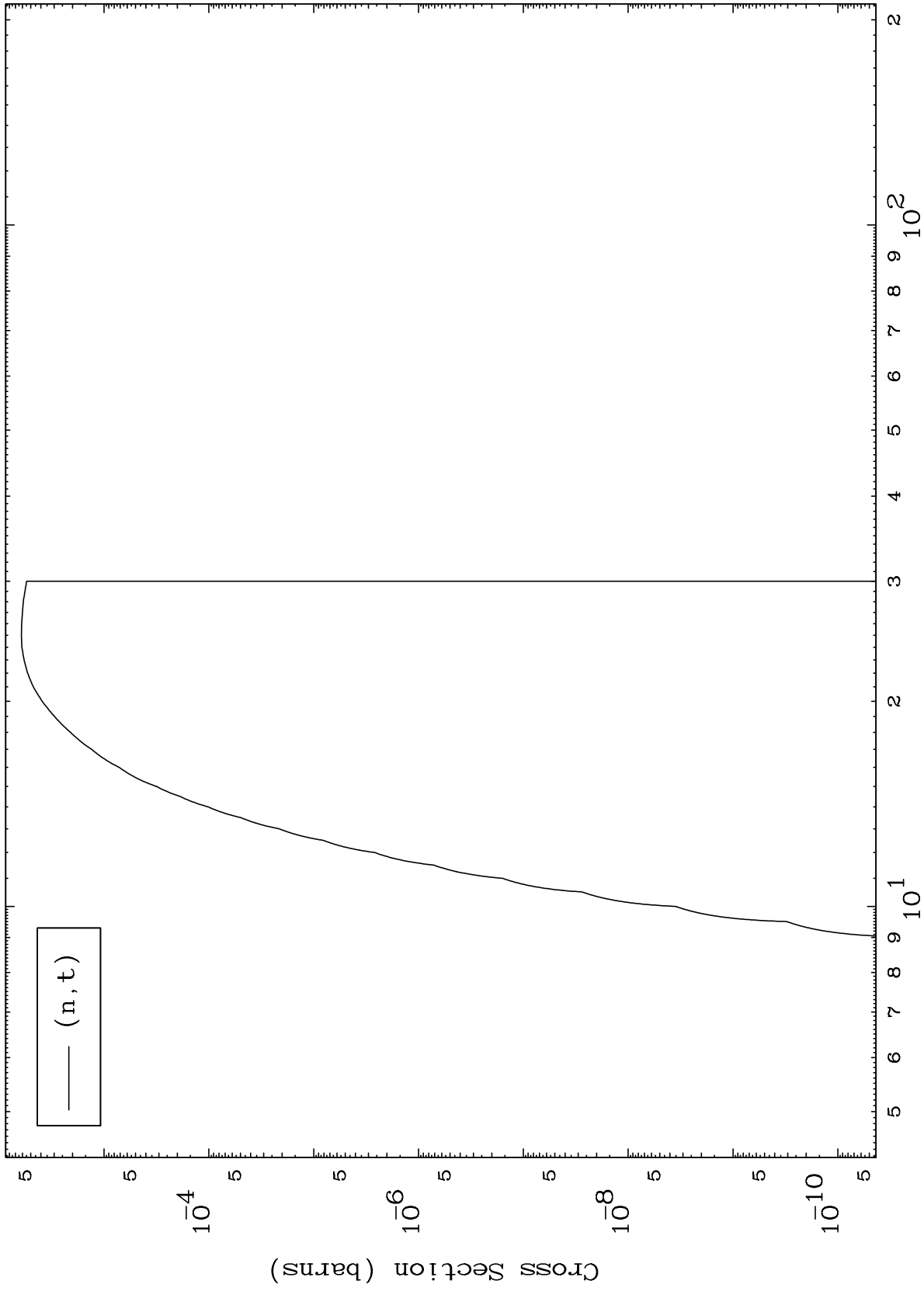
71-Lu-175



MAT 7125

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-175



12

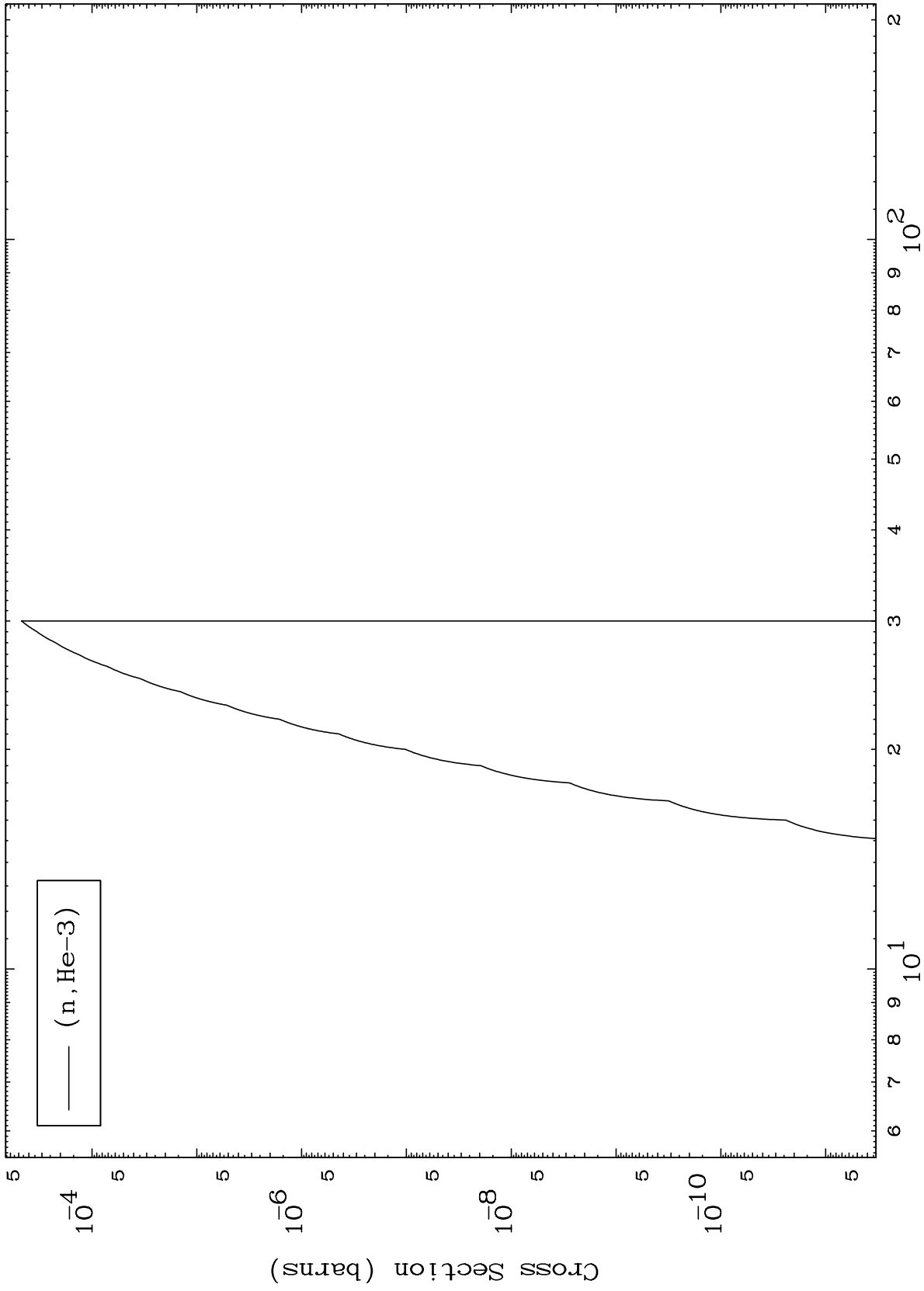
Incident Energy (MeV)

71-Lu-175

MAT 7125

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-175



13

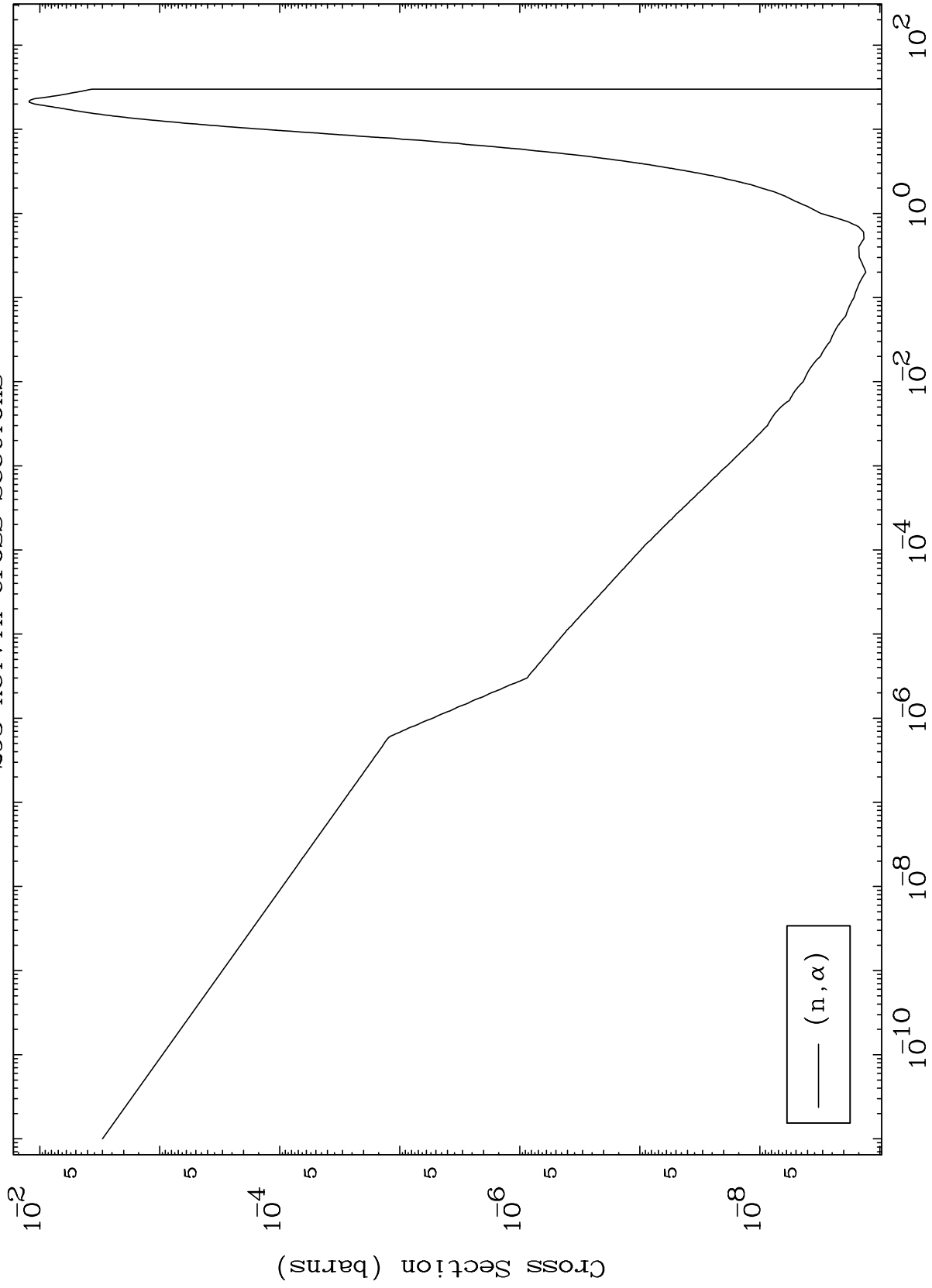
Incident Energy (MeV)

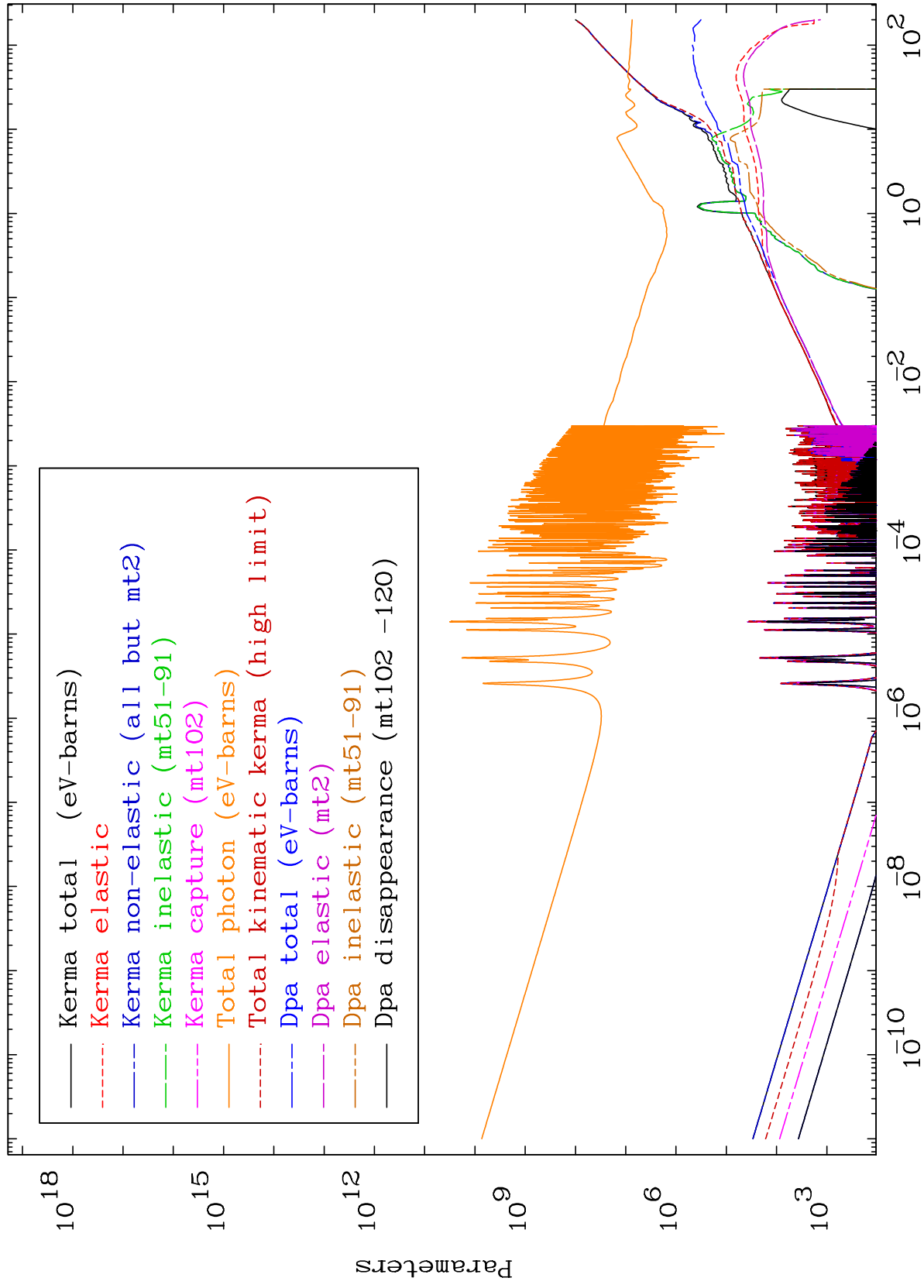
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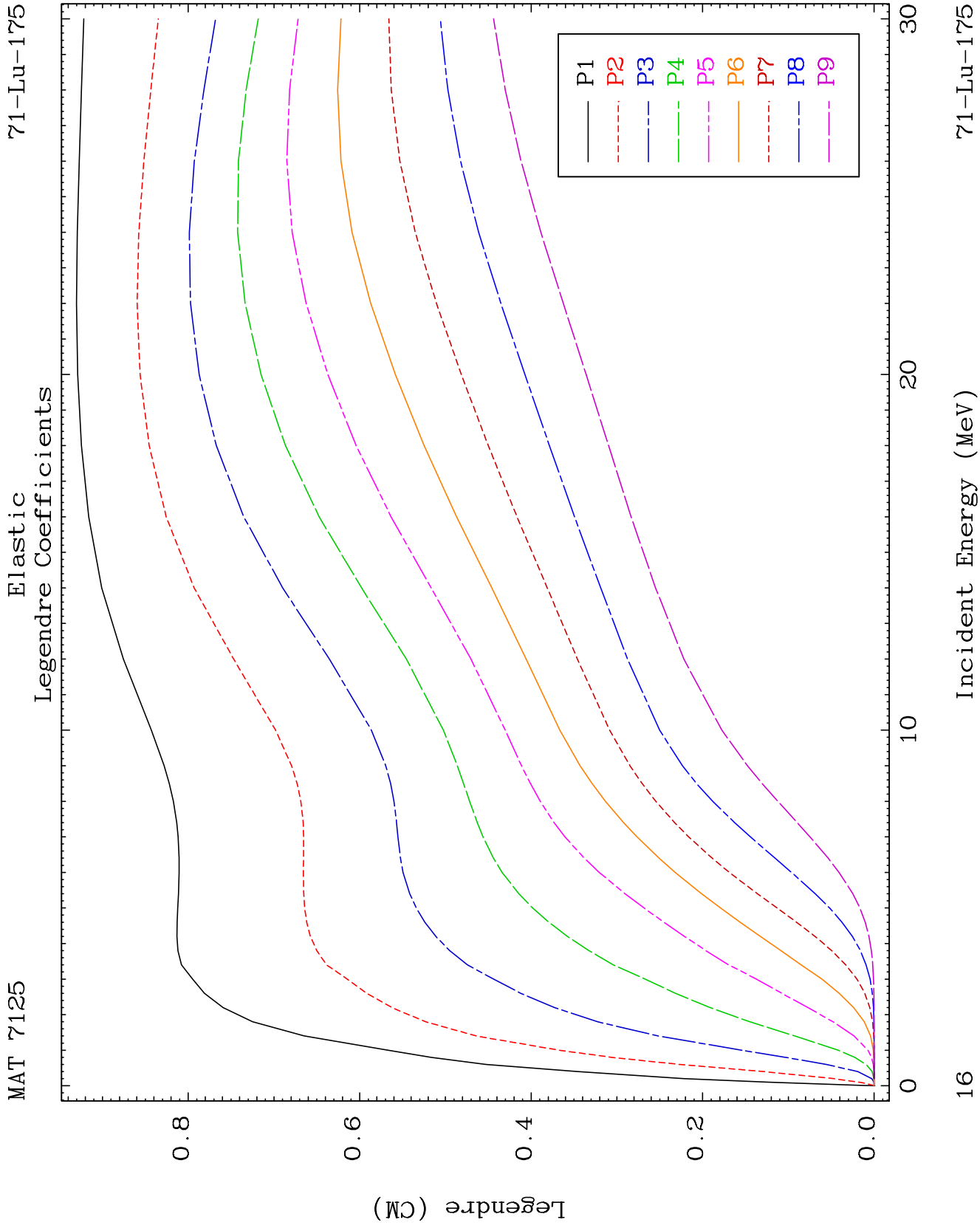
MAT 7125

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-175



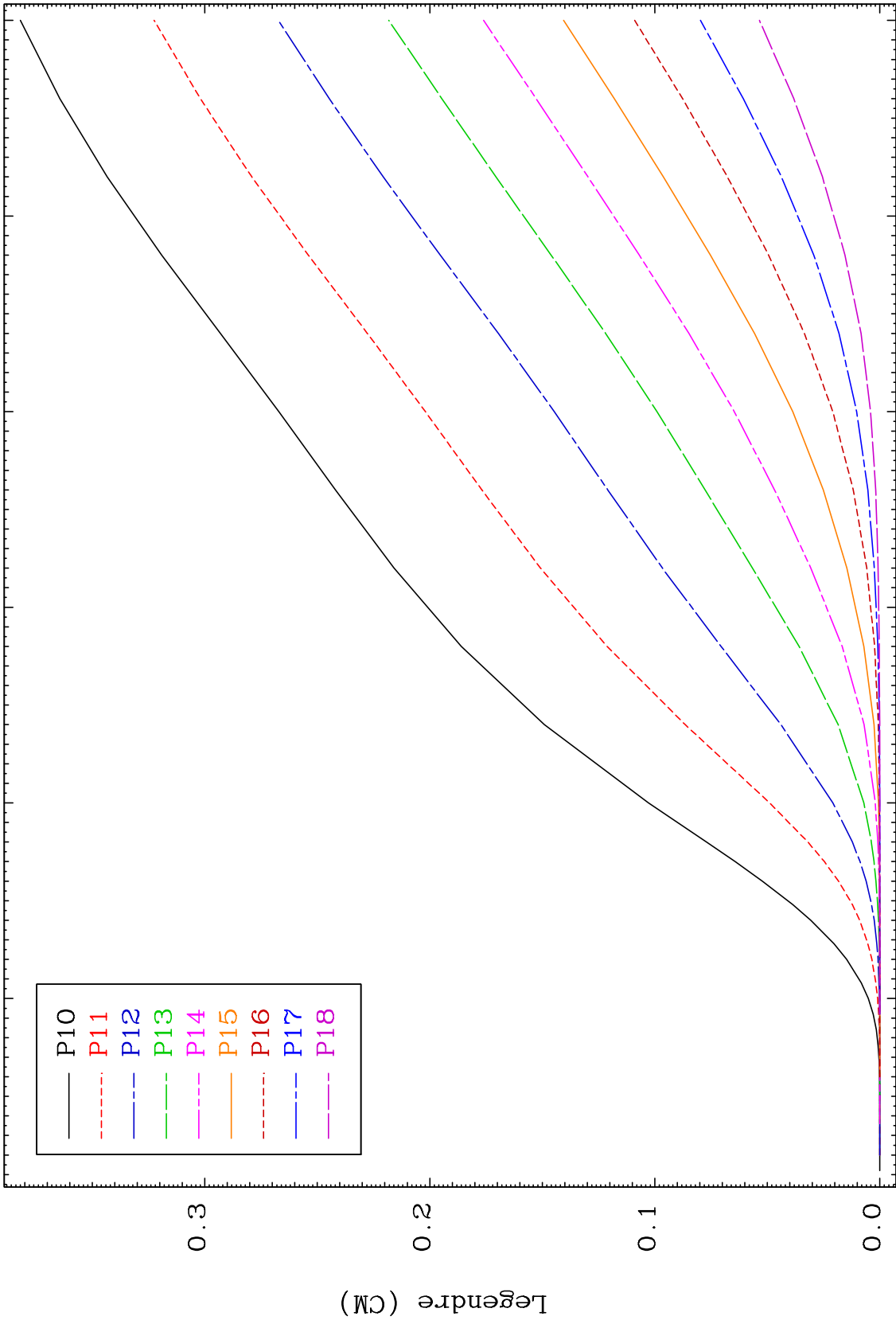




MAT 7125

Elastic Legendre Coefficients

71-Lu-175



17

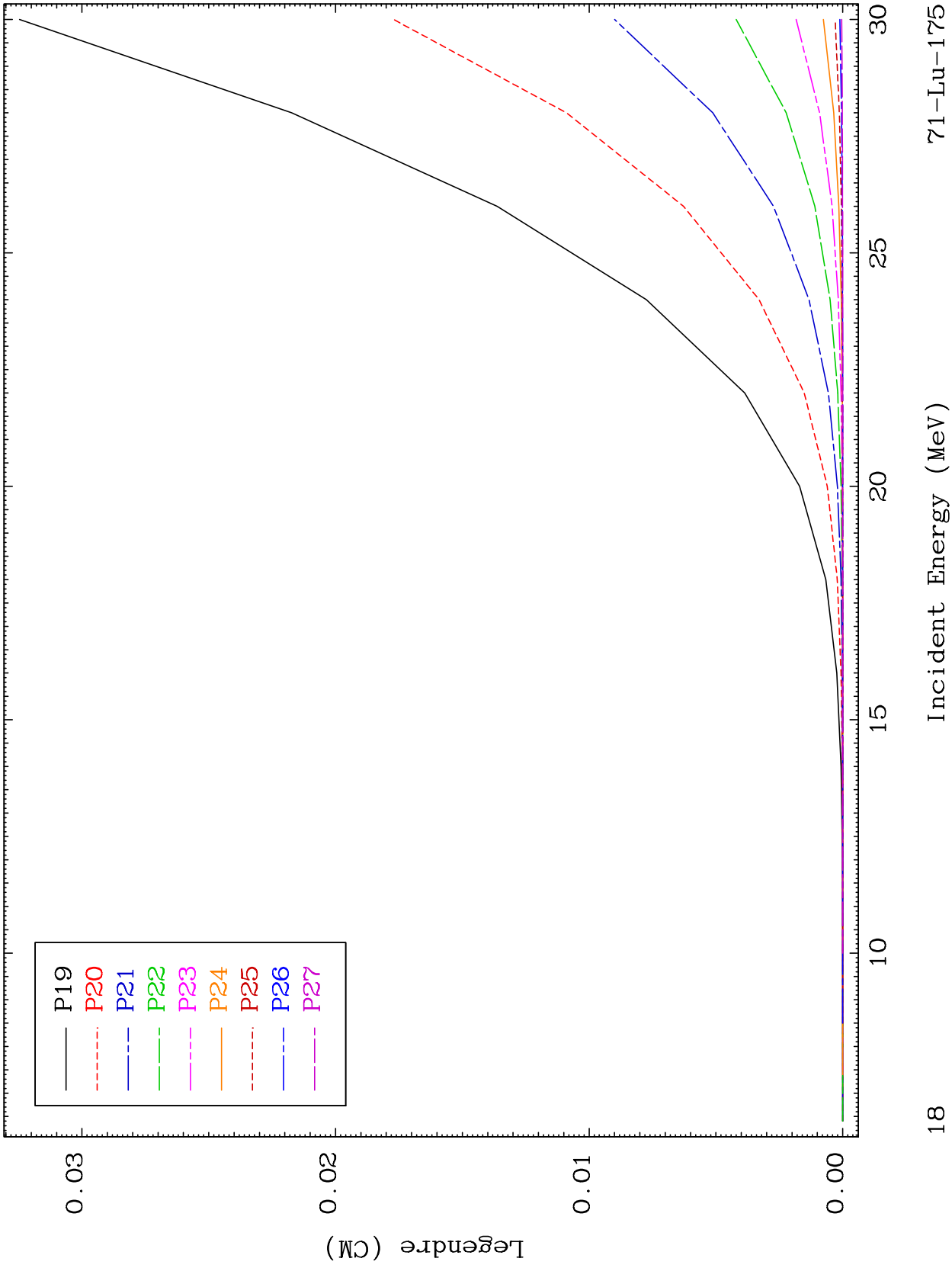
Incident Energy (MeV)

71-Lu-175

MAT 7125

Elastic Legendre Coefficients

71-Lu-175



18

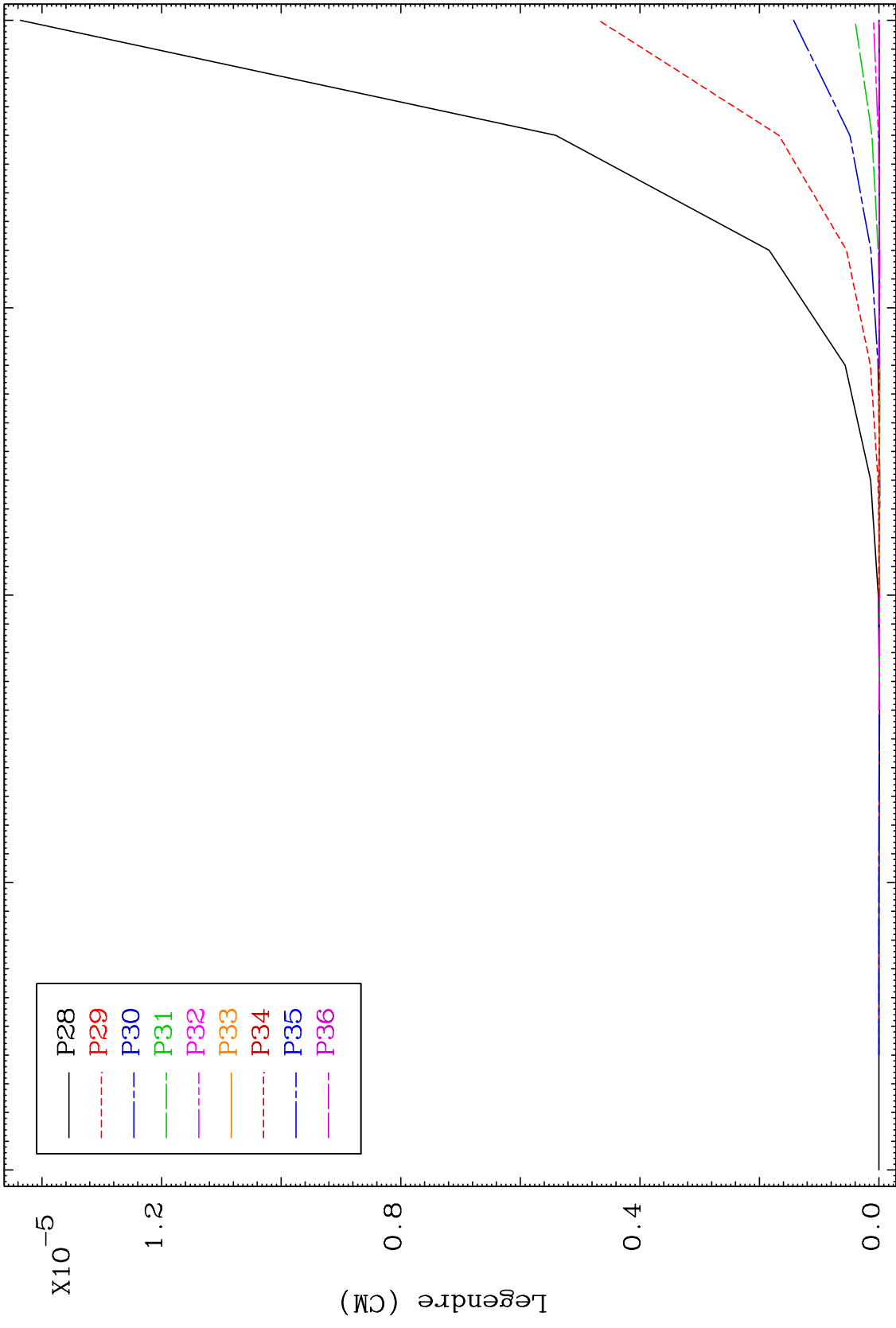
Incident Energy (MeV)

71-Lu-175

MAT 7125

Elastic Legendre Coefficients

71-Lu-175



19

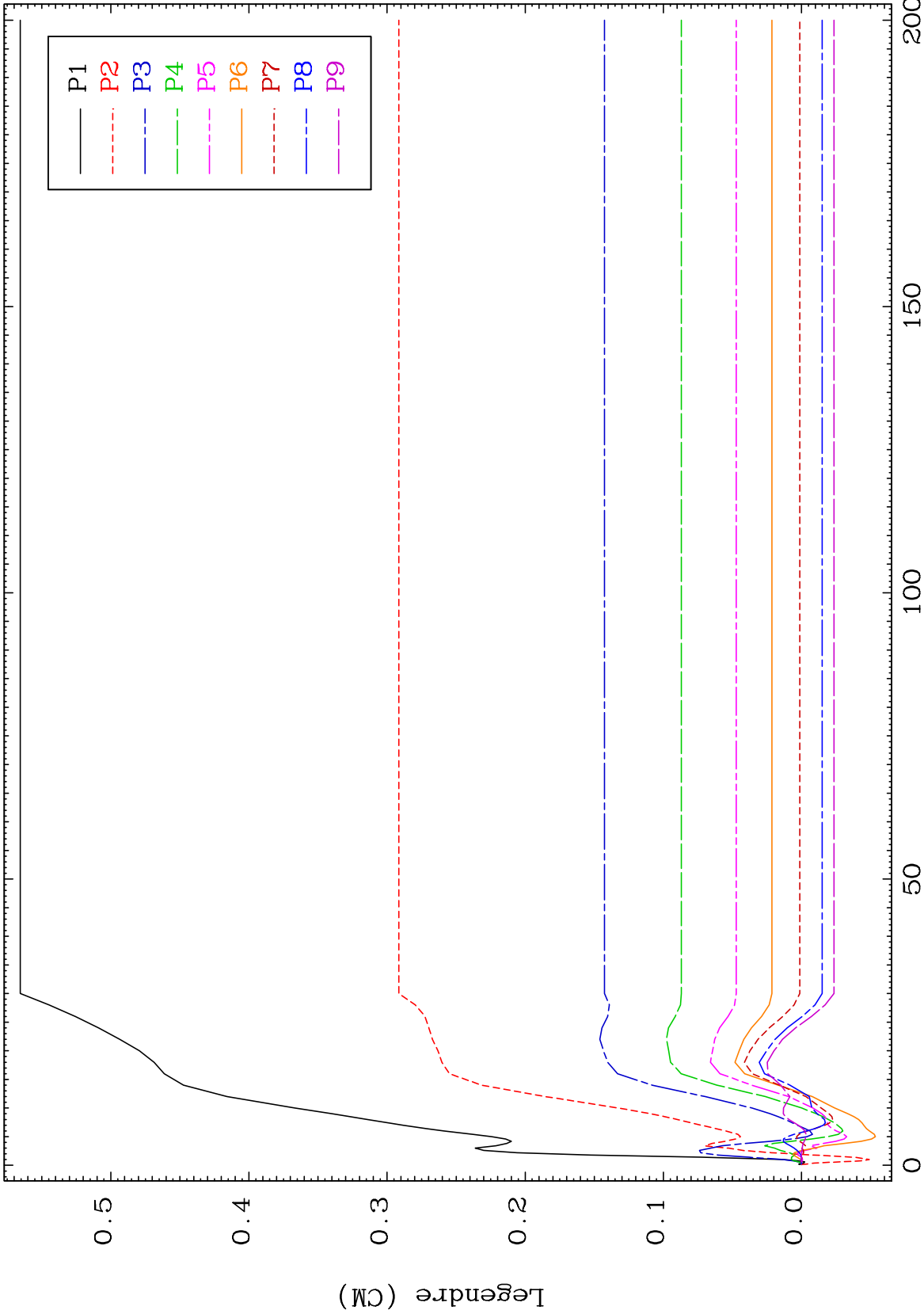
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



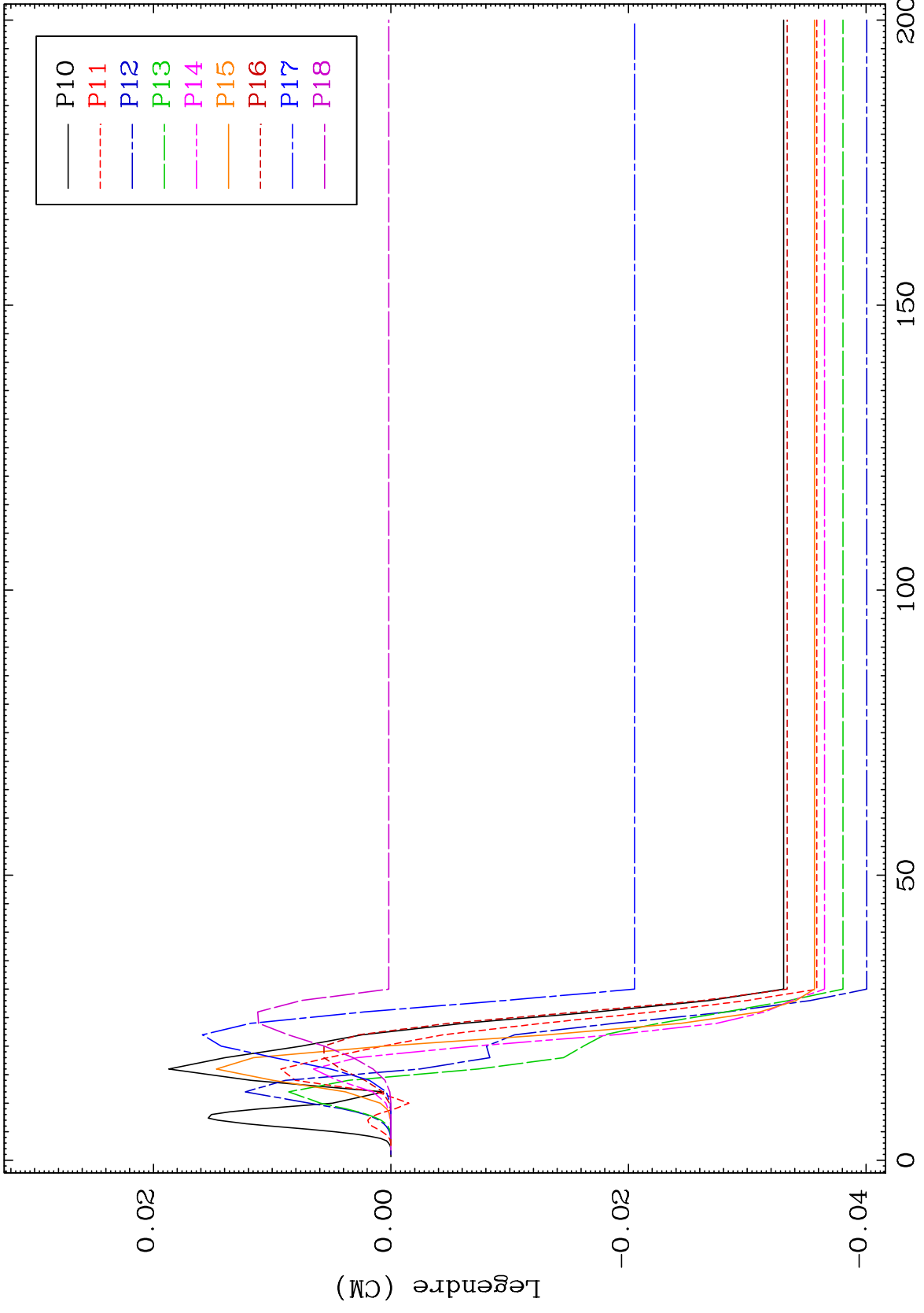
71-Lu-175

Incident Energy (MeV)

MAT 7125

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

71-Lu-175



21

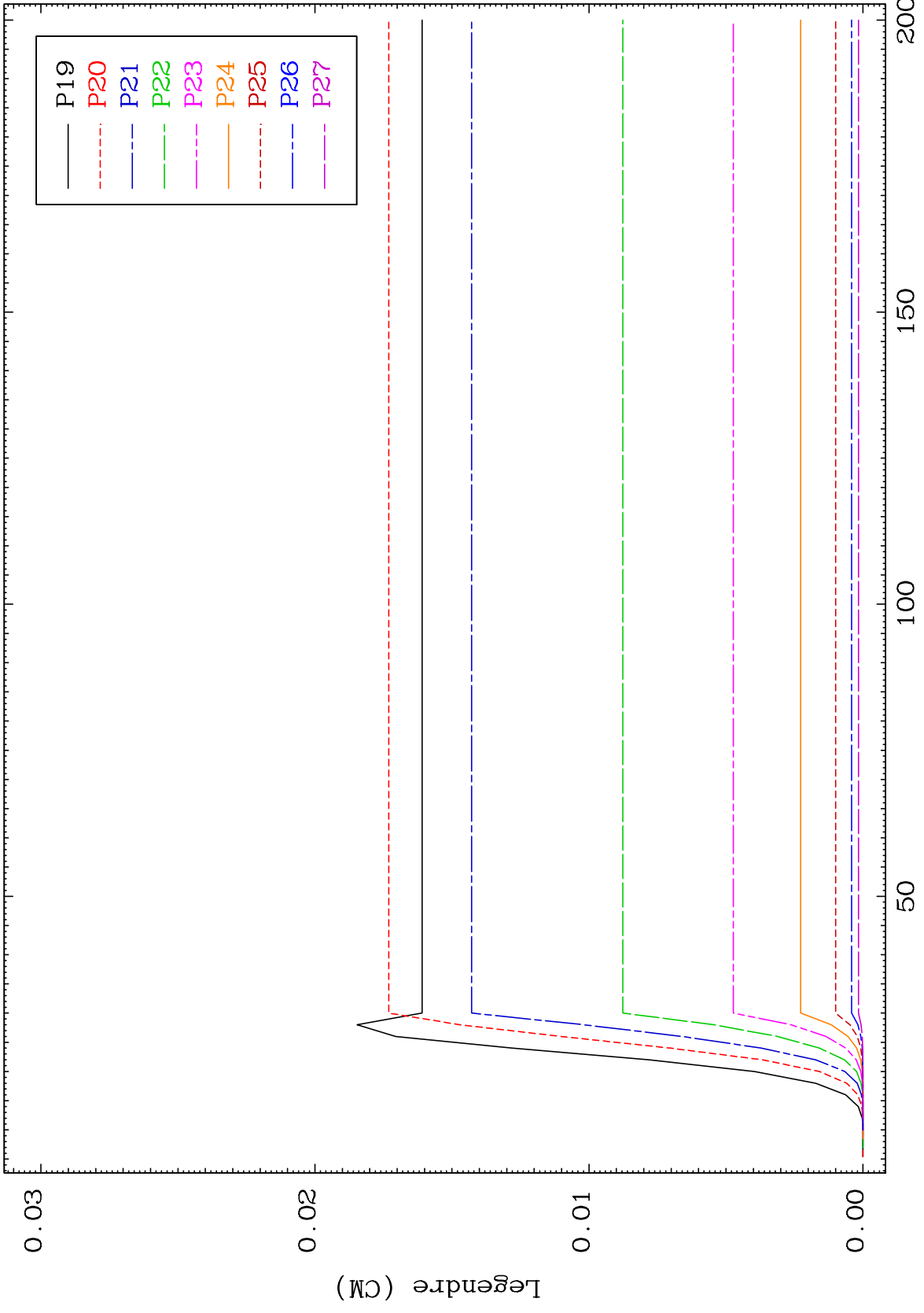
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



22

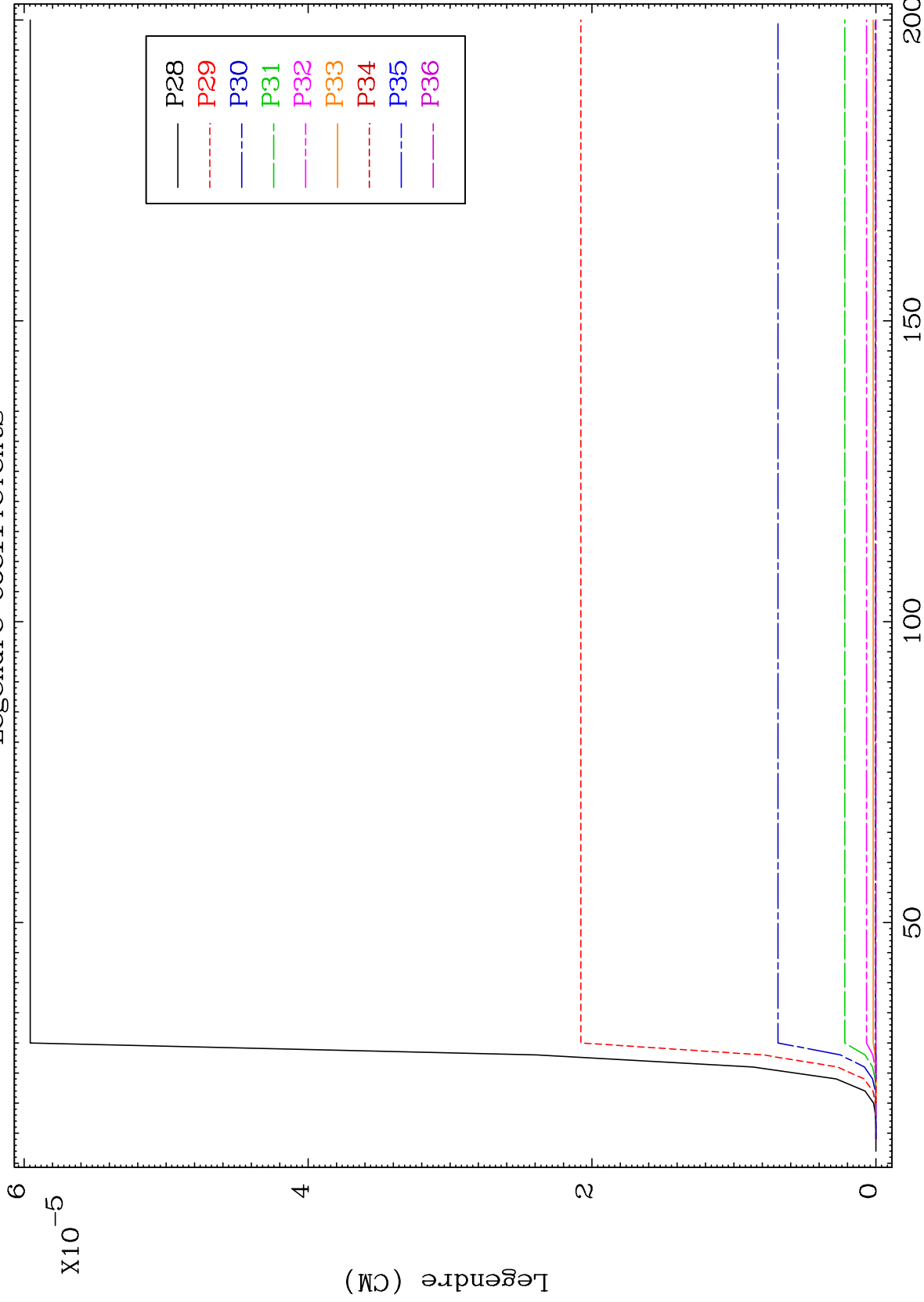
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



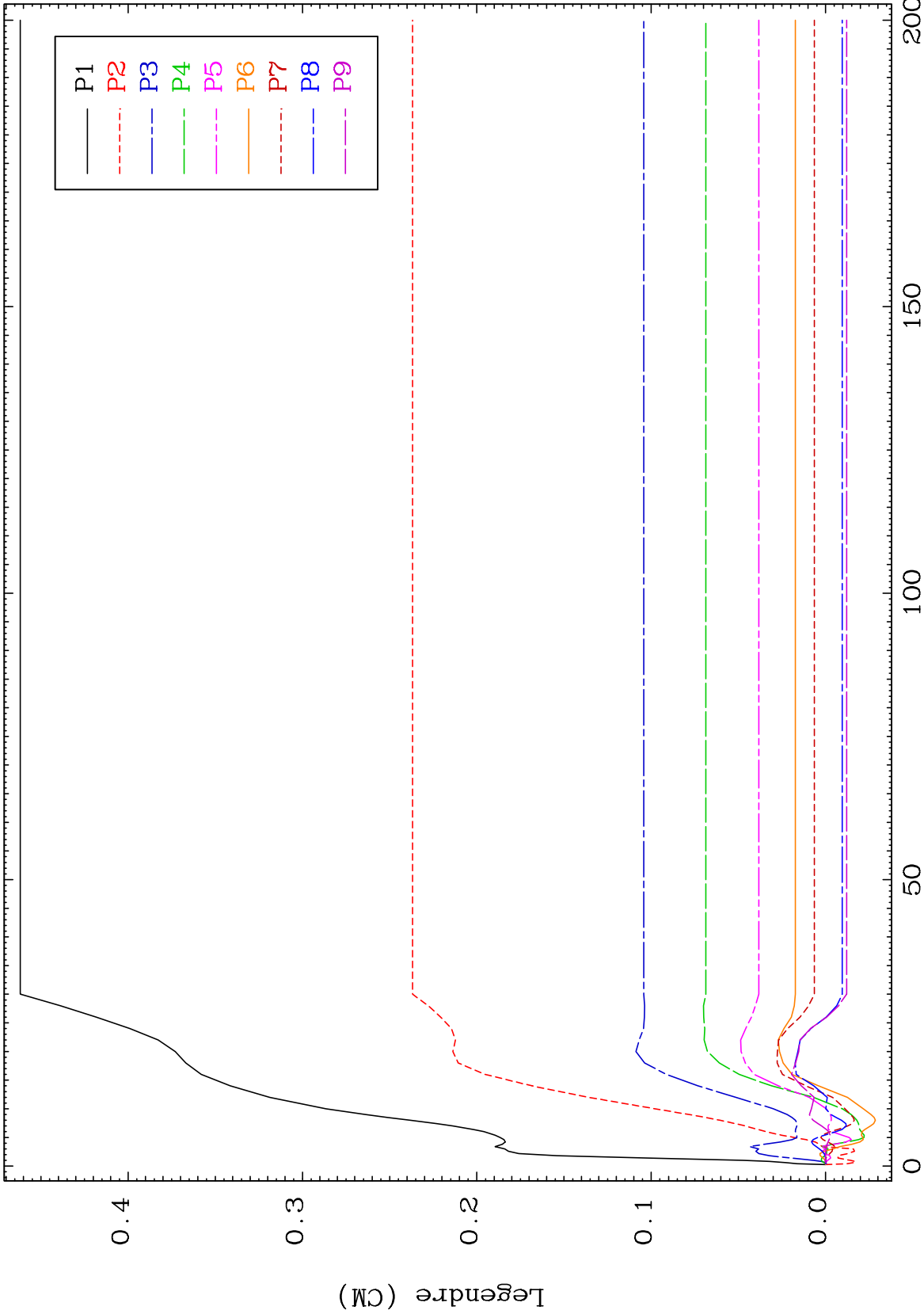
23

71-Lu-175

MAT 7125

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

71-Lu-175



24

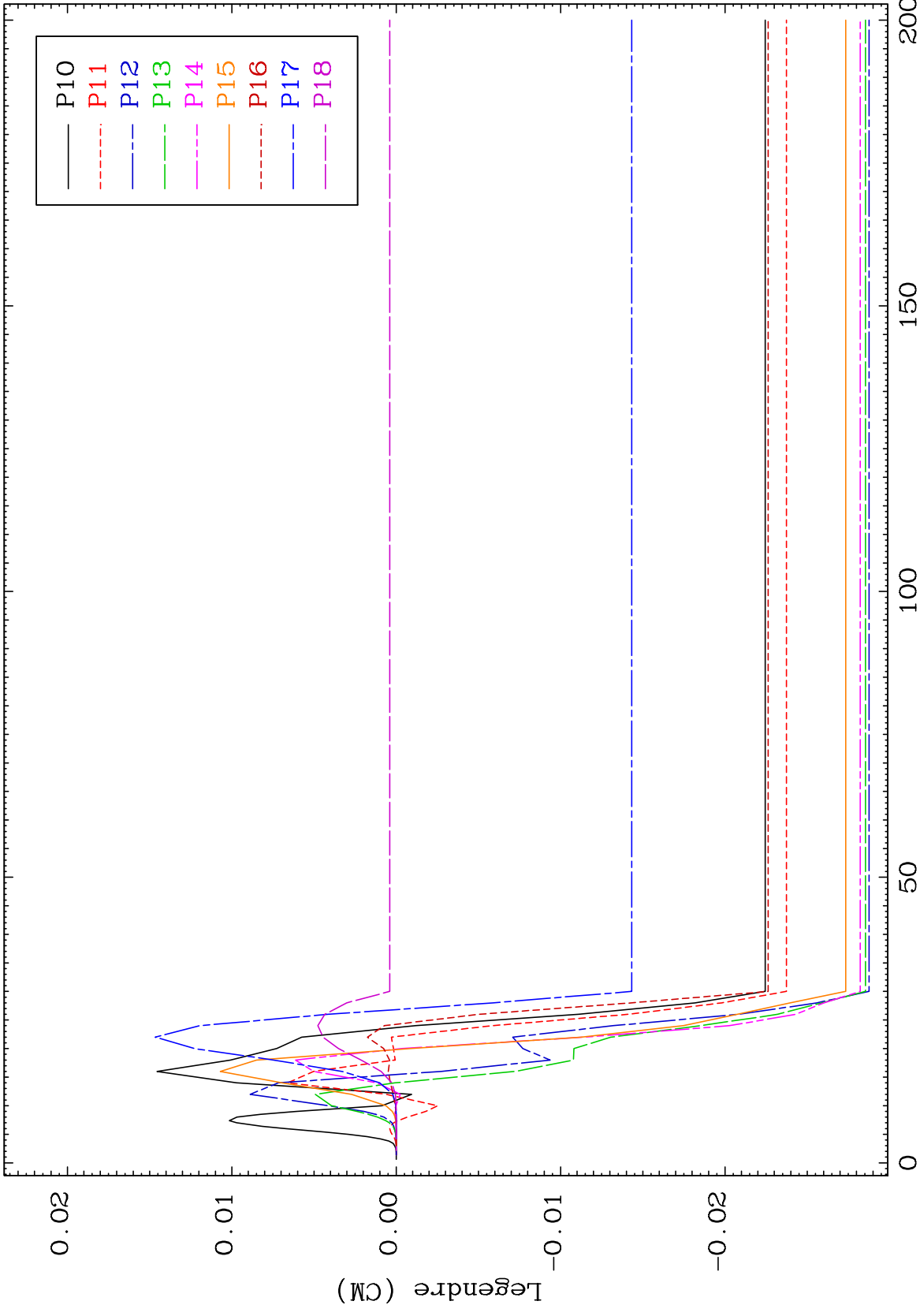
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

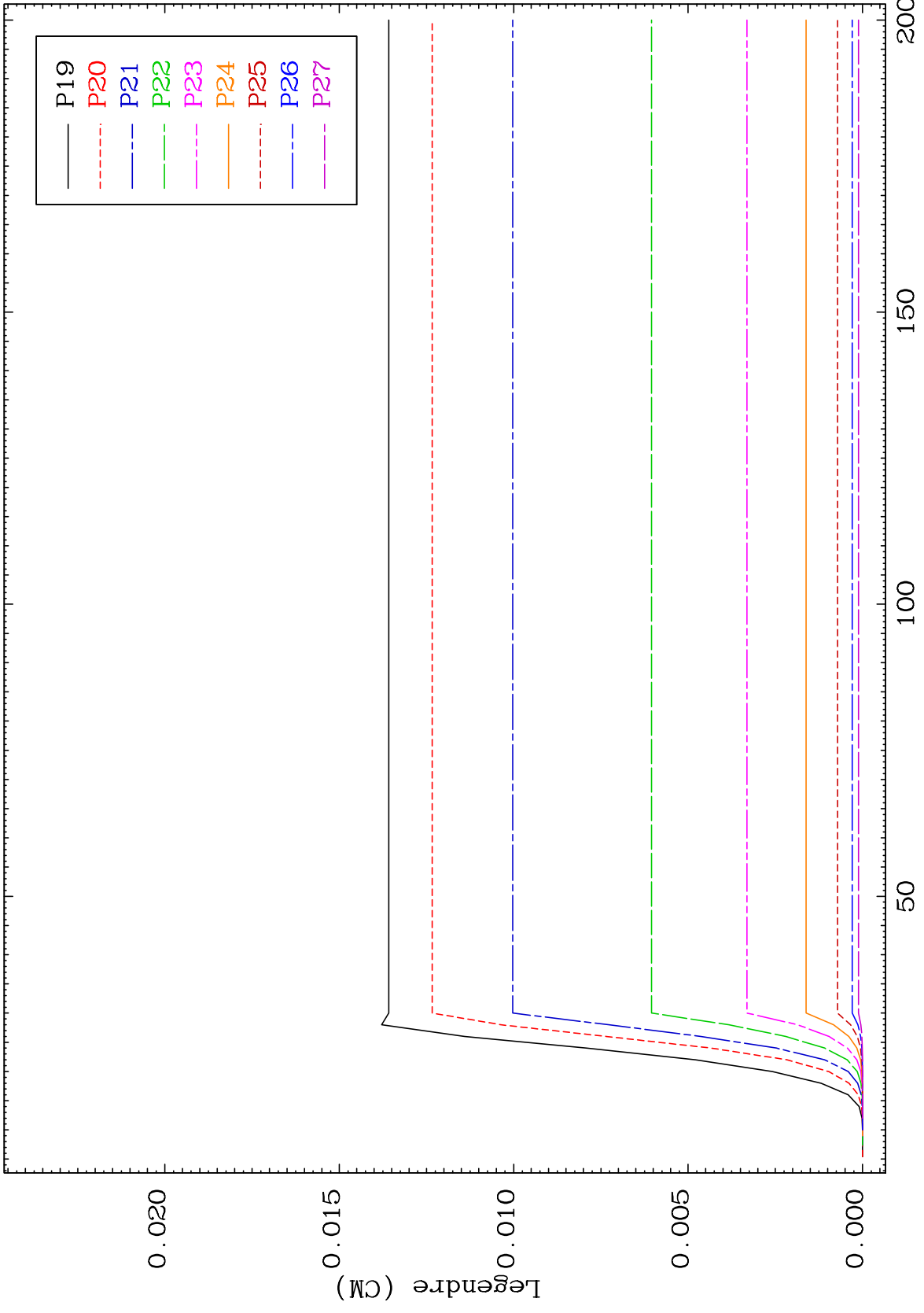
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25

Incident Energy (MeV)

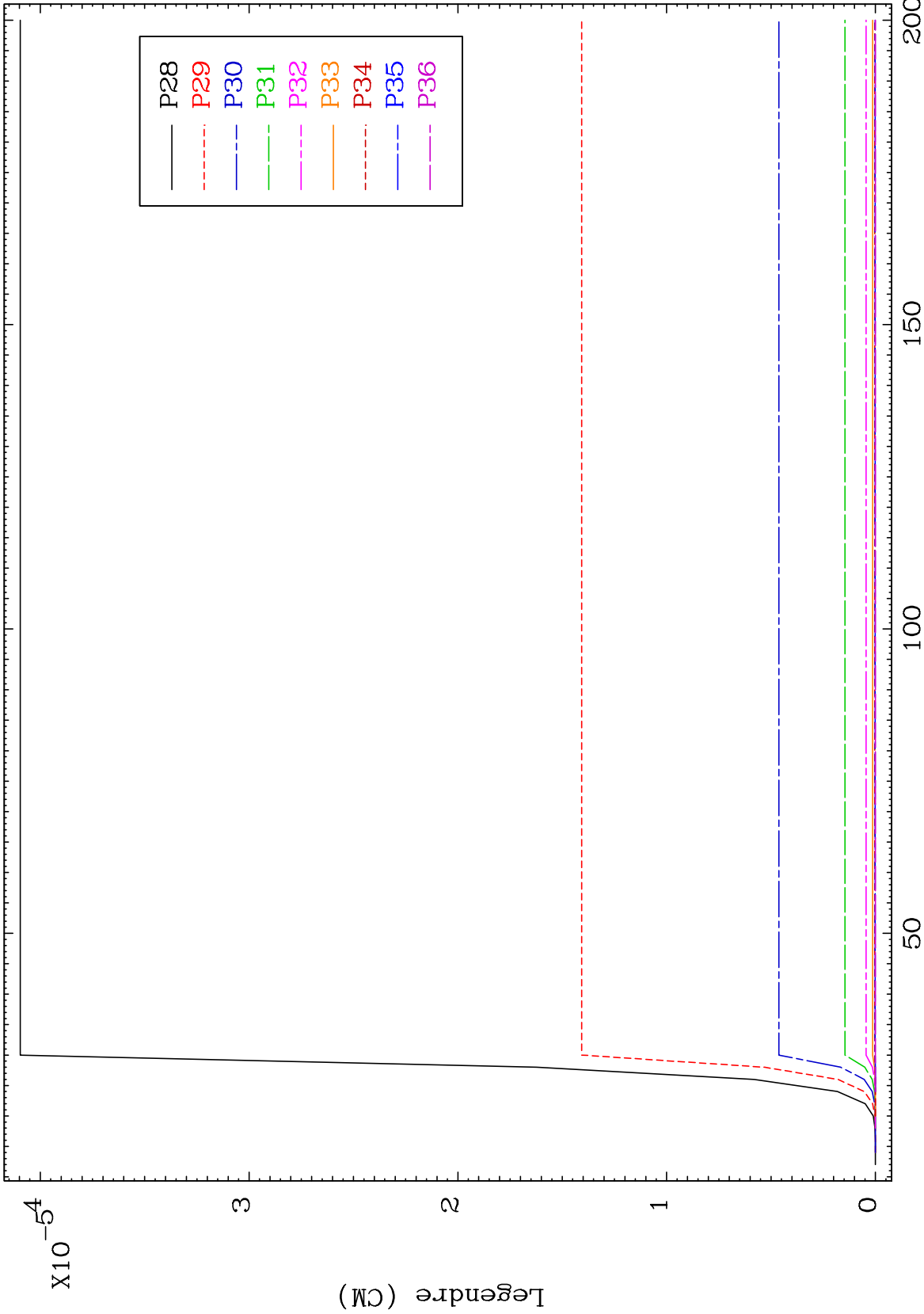
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MAT 7125

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

71-Lu-175



27

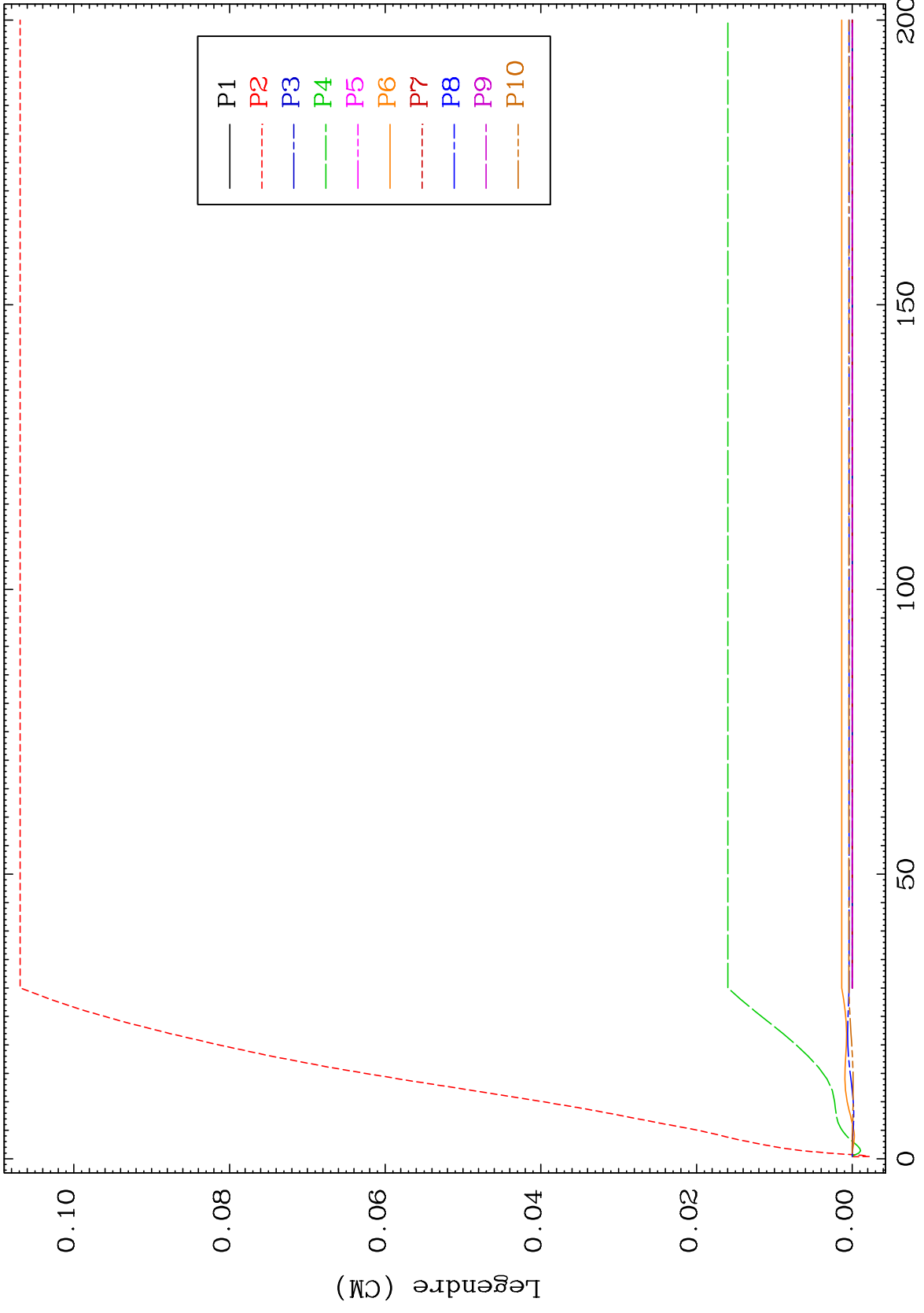
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



28

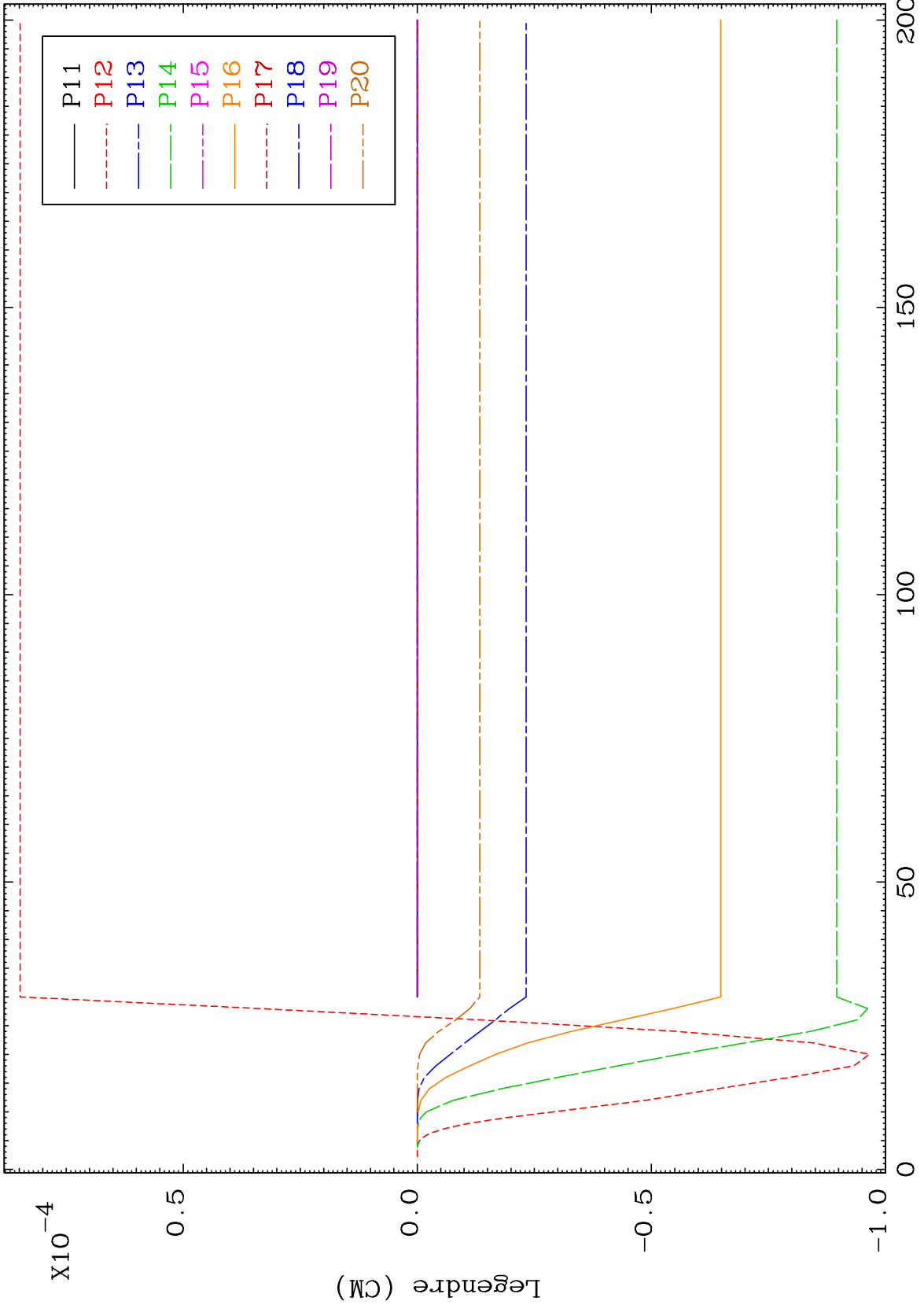
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

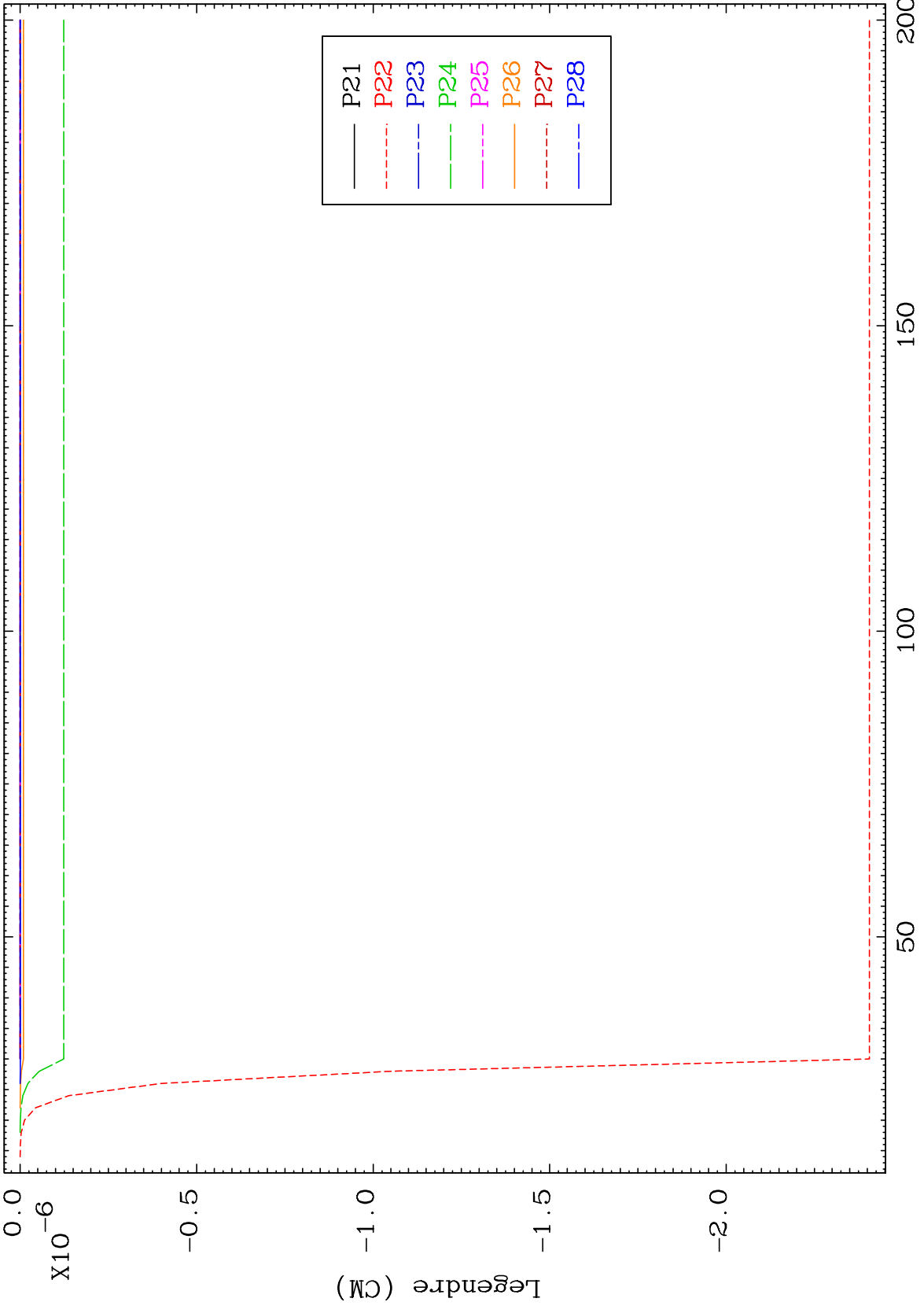
71-Lu-175



29

71-Lu-175

MAT 7125 MT= 53 (n,n') Level Legendre Coefficients 71-Lu-175

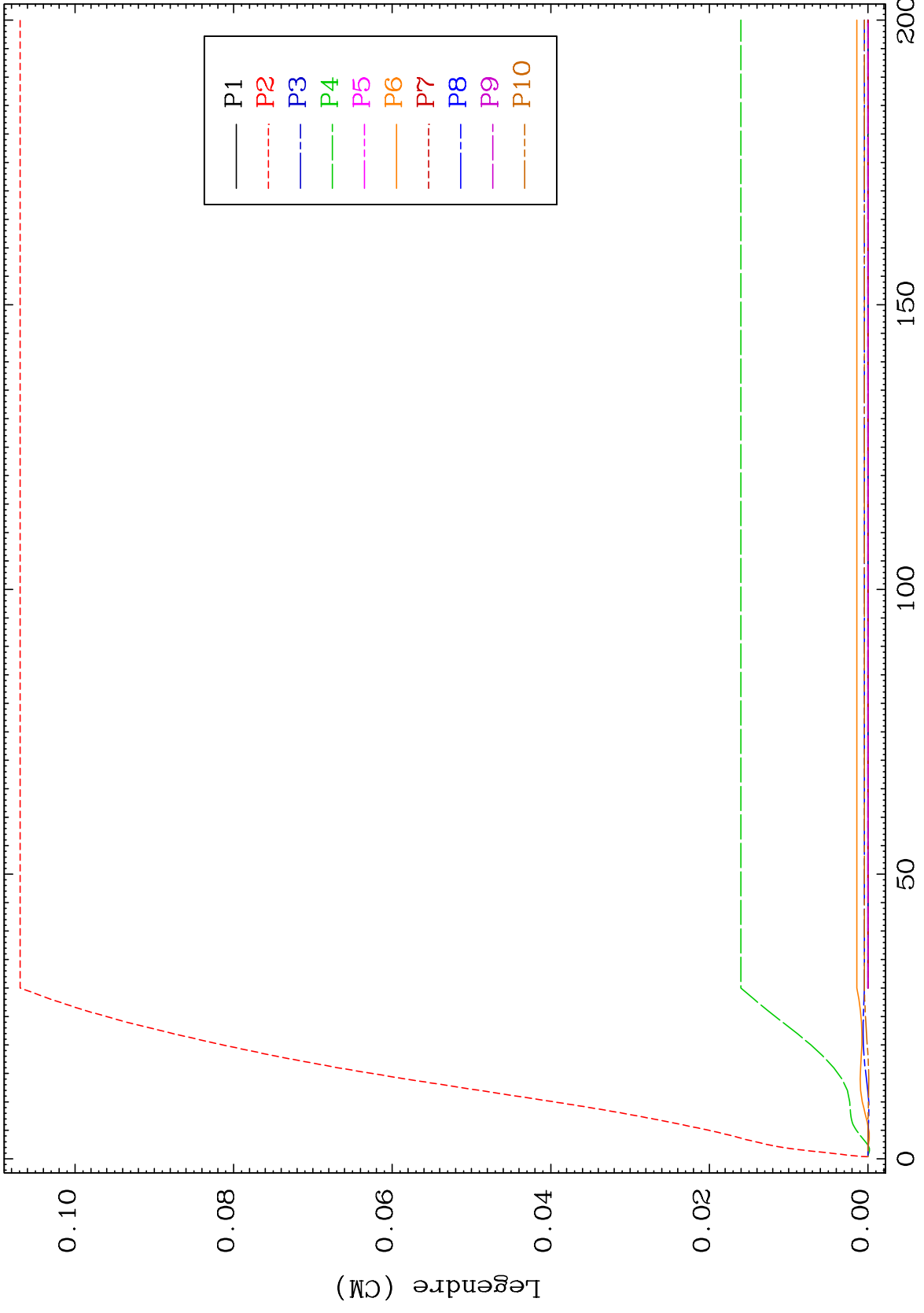


30 Incident Energy (MeV) 71-Lu-175

MAT 7125

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

71-Lu-175



31

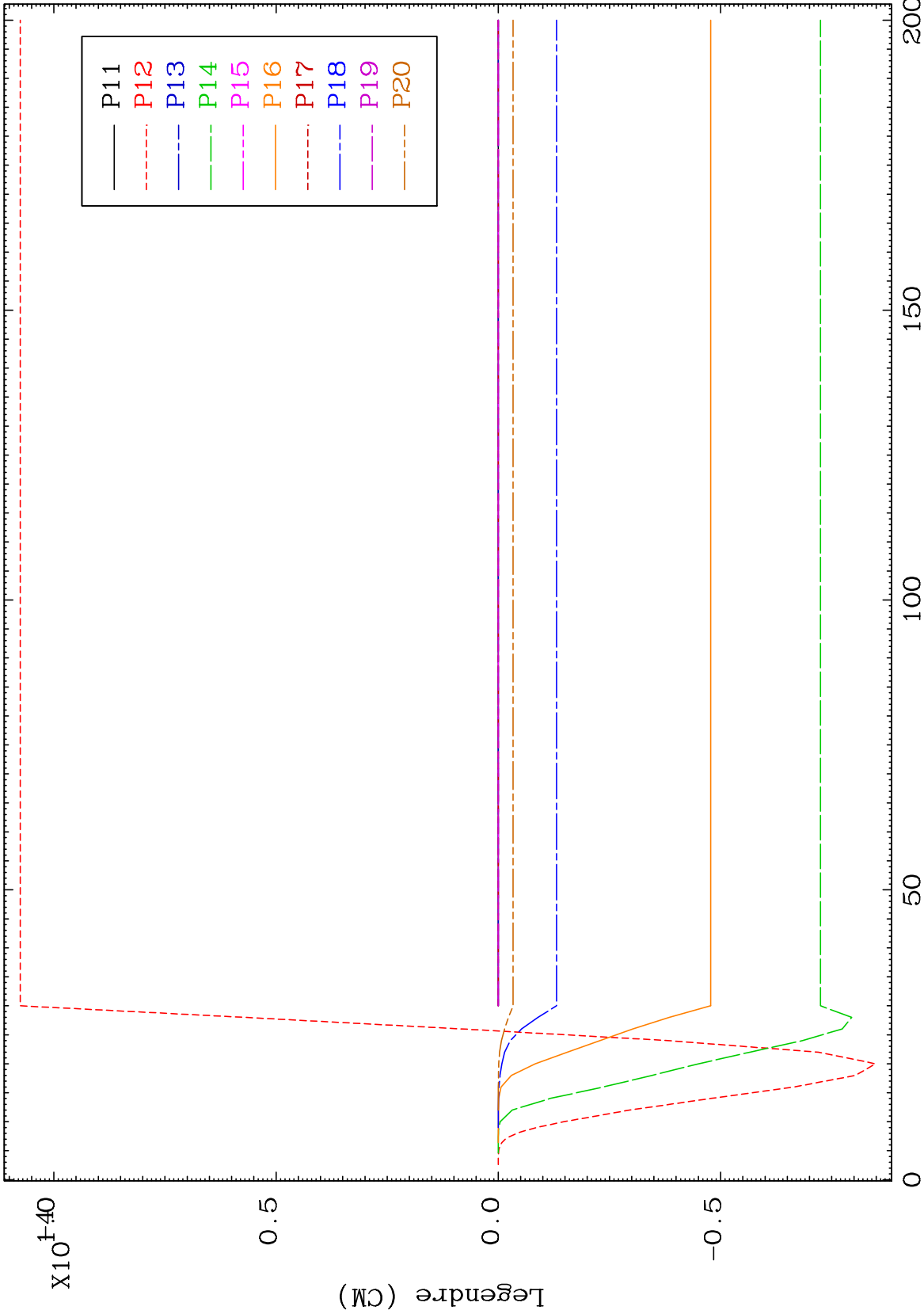
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



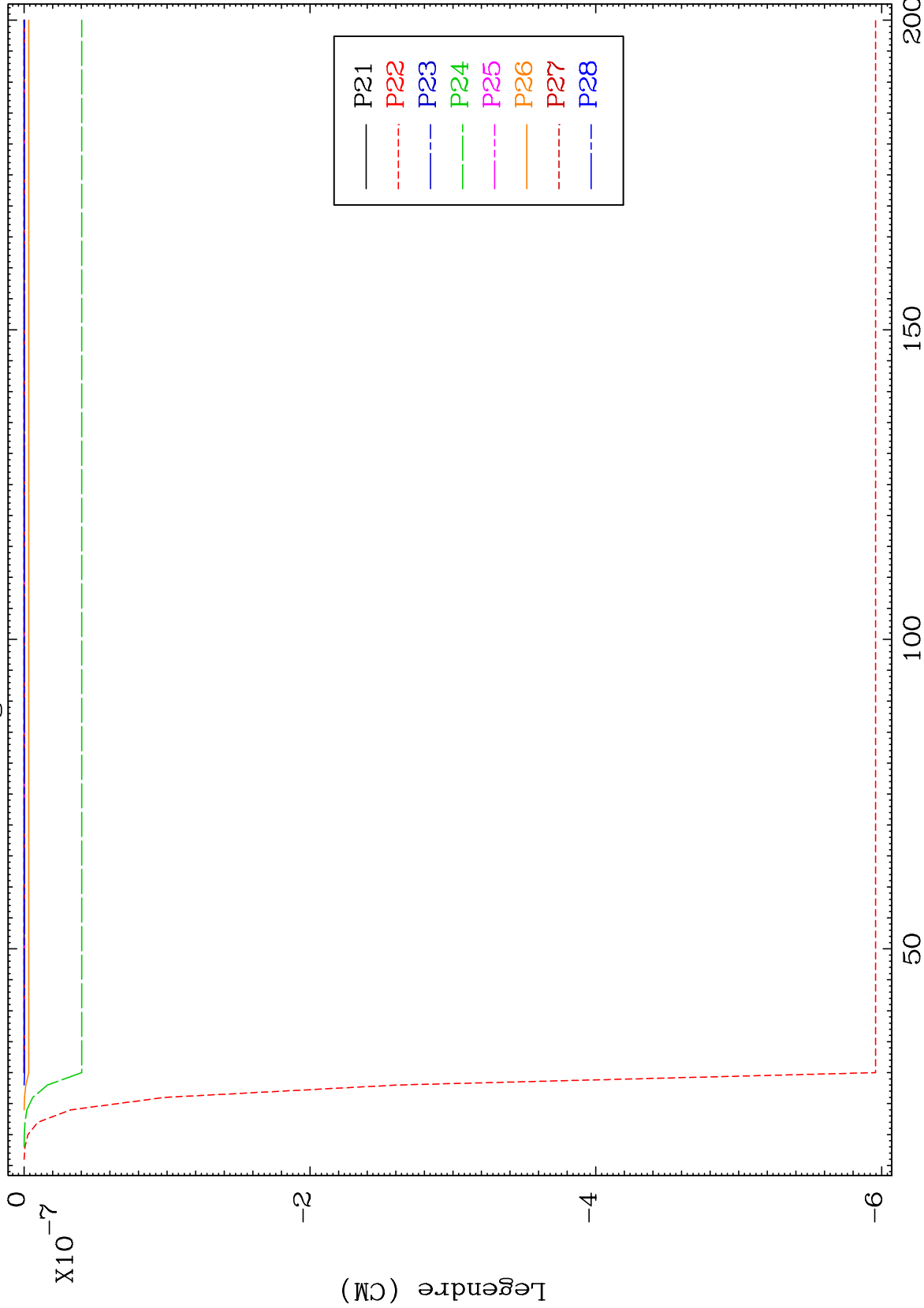
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71-Lu-175

MAT 7125

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

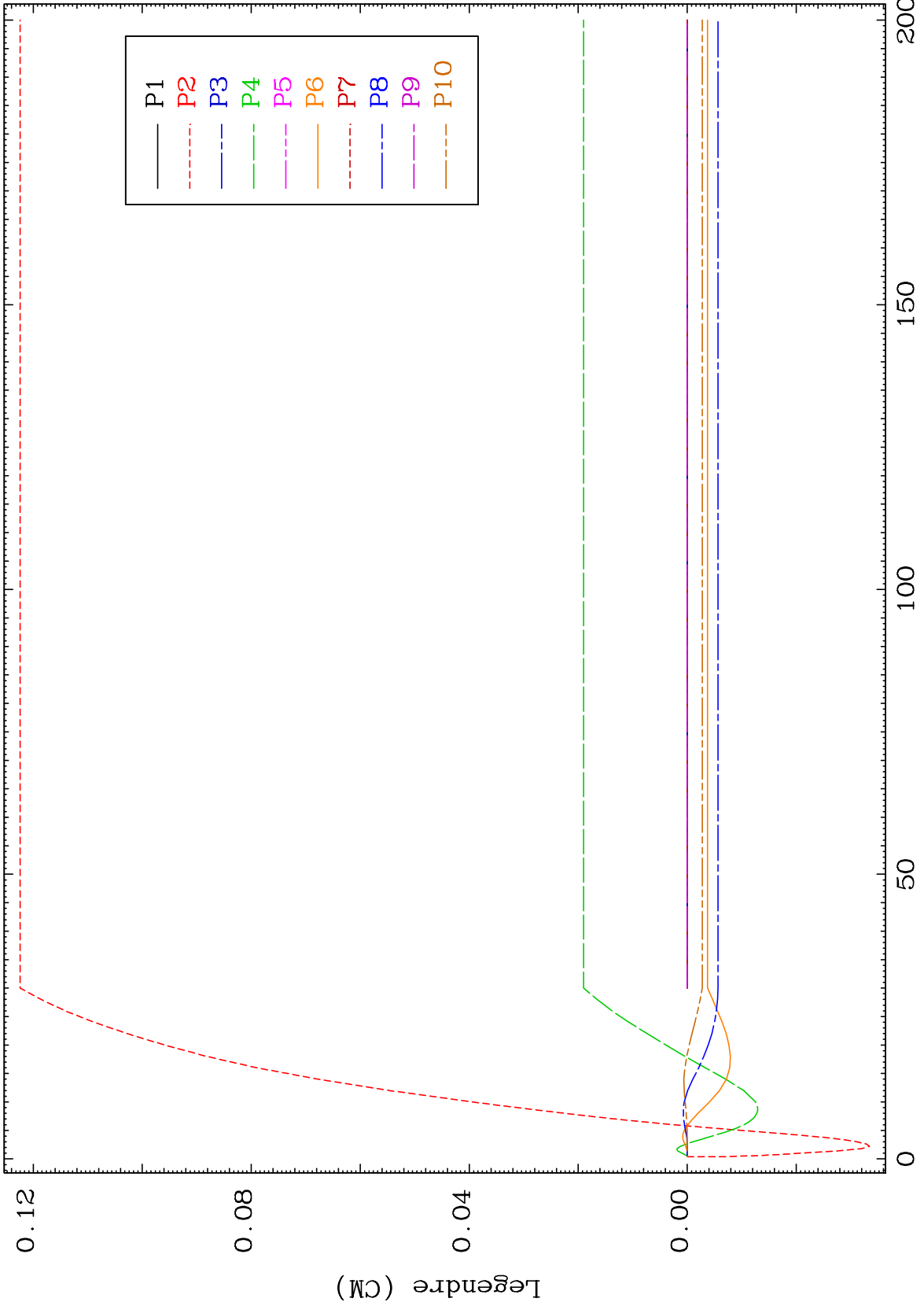
71-Lu-175



33

71-Lu-175

MAT 7125 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-175

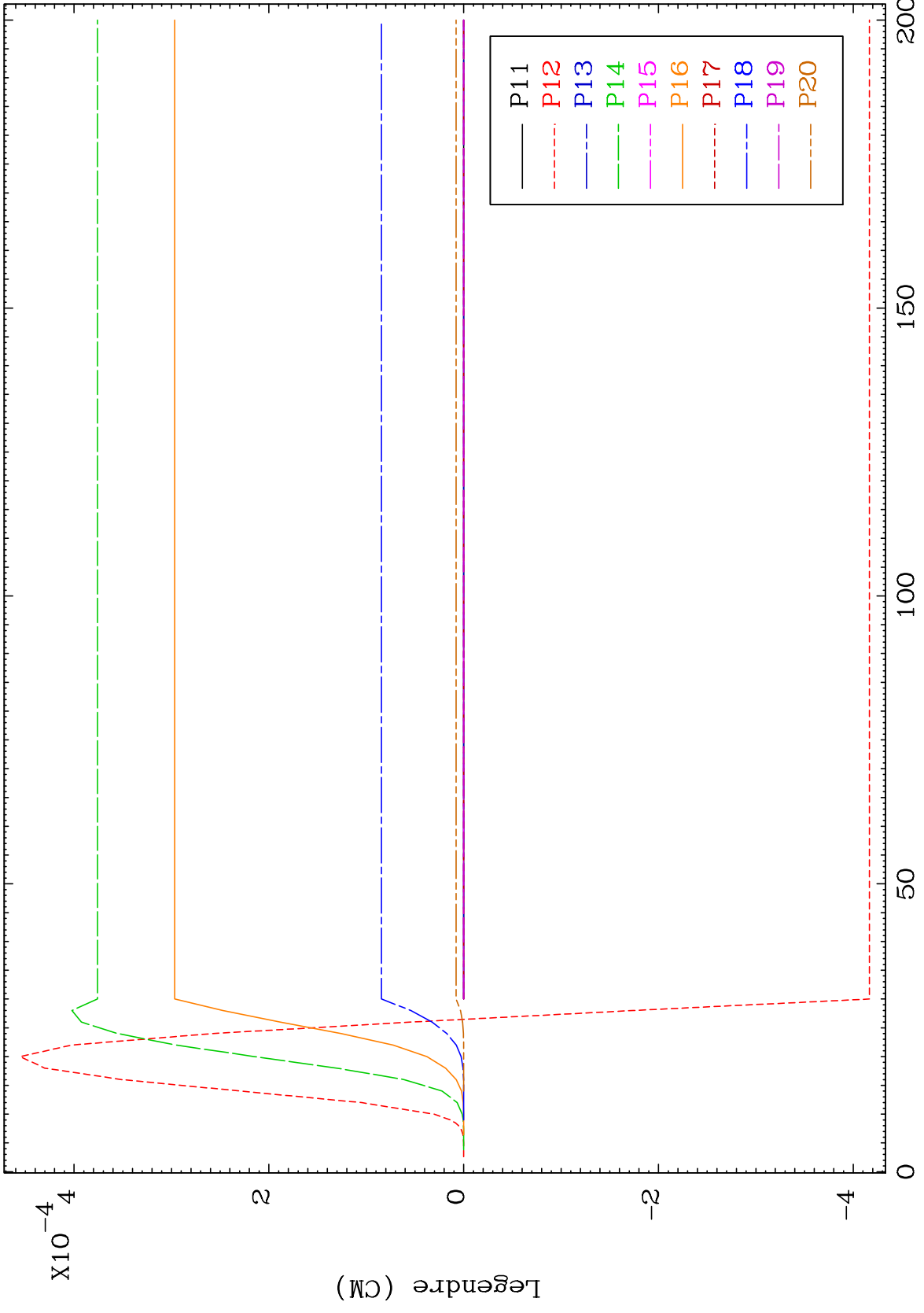


34 71-Lu-175

MAT 7125

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

71-Lu-175

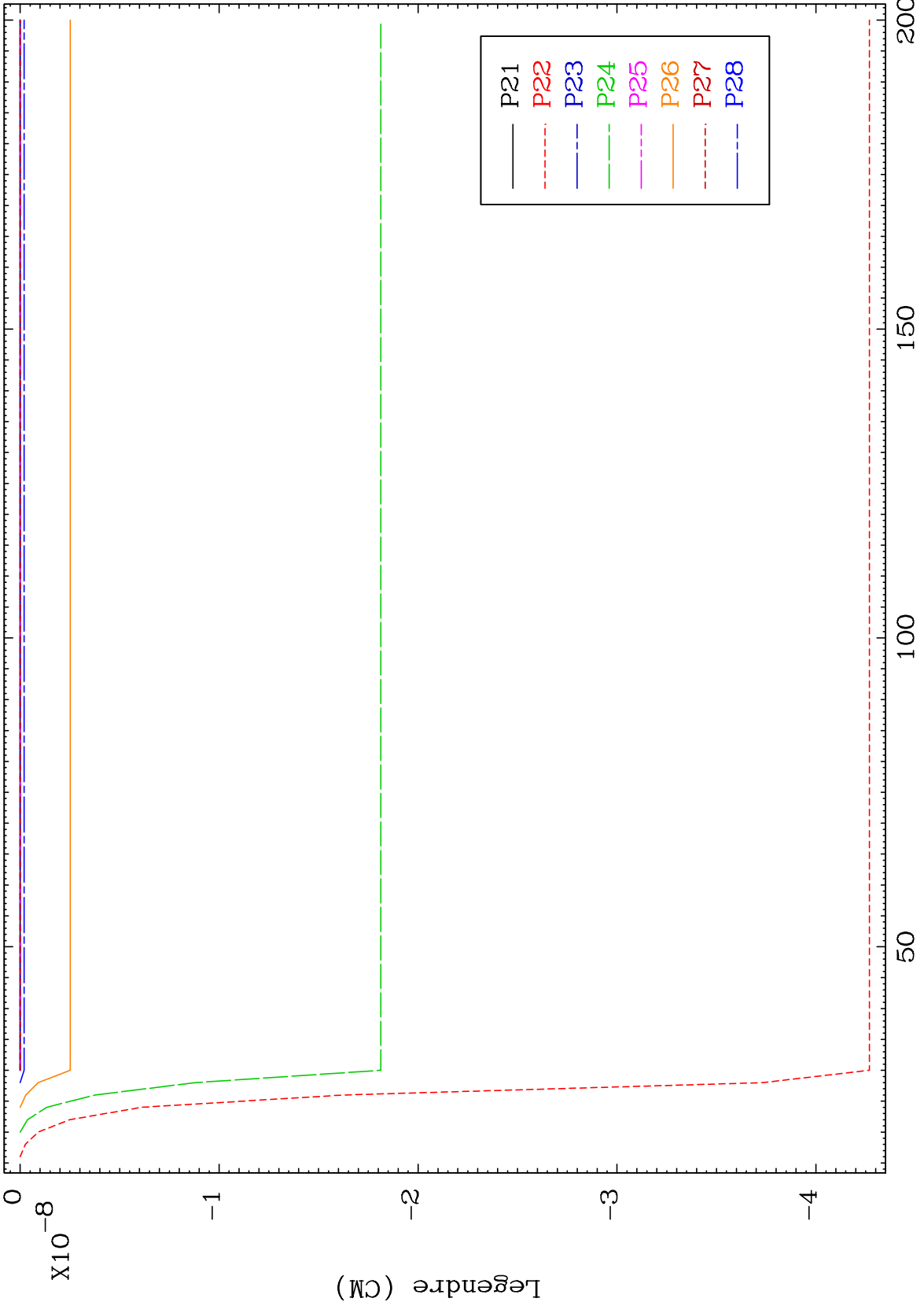


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71-Lu-175

71-Lu-175

MAT 7125 MT= 55 (n,n') Level Legendre Coefficients 71-Lu-175

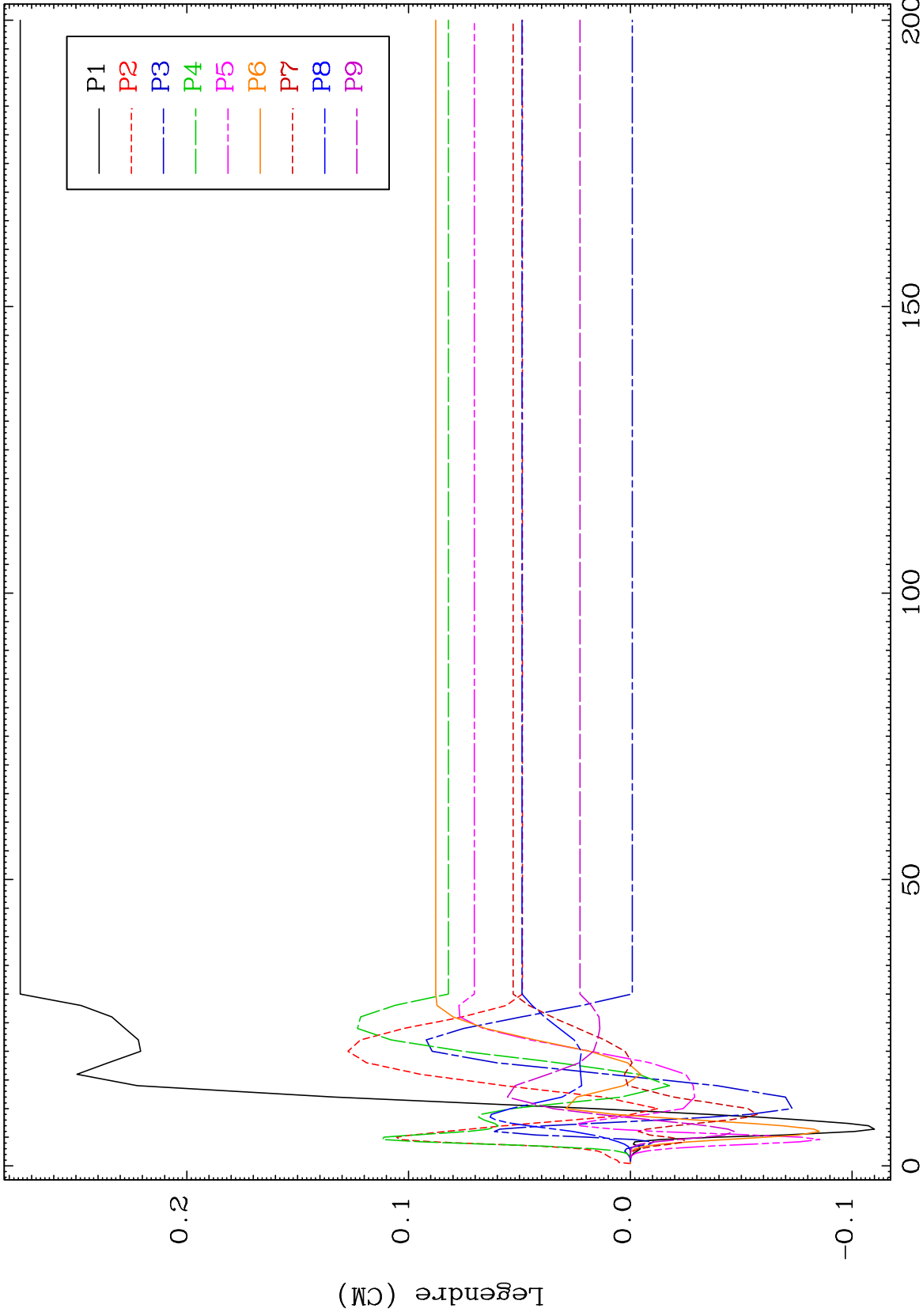


36 71-Lu-175

MAT 7125

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

71-Lu-175



37

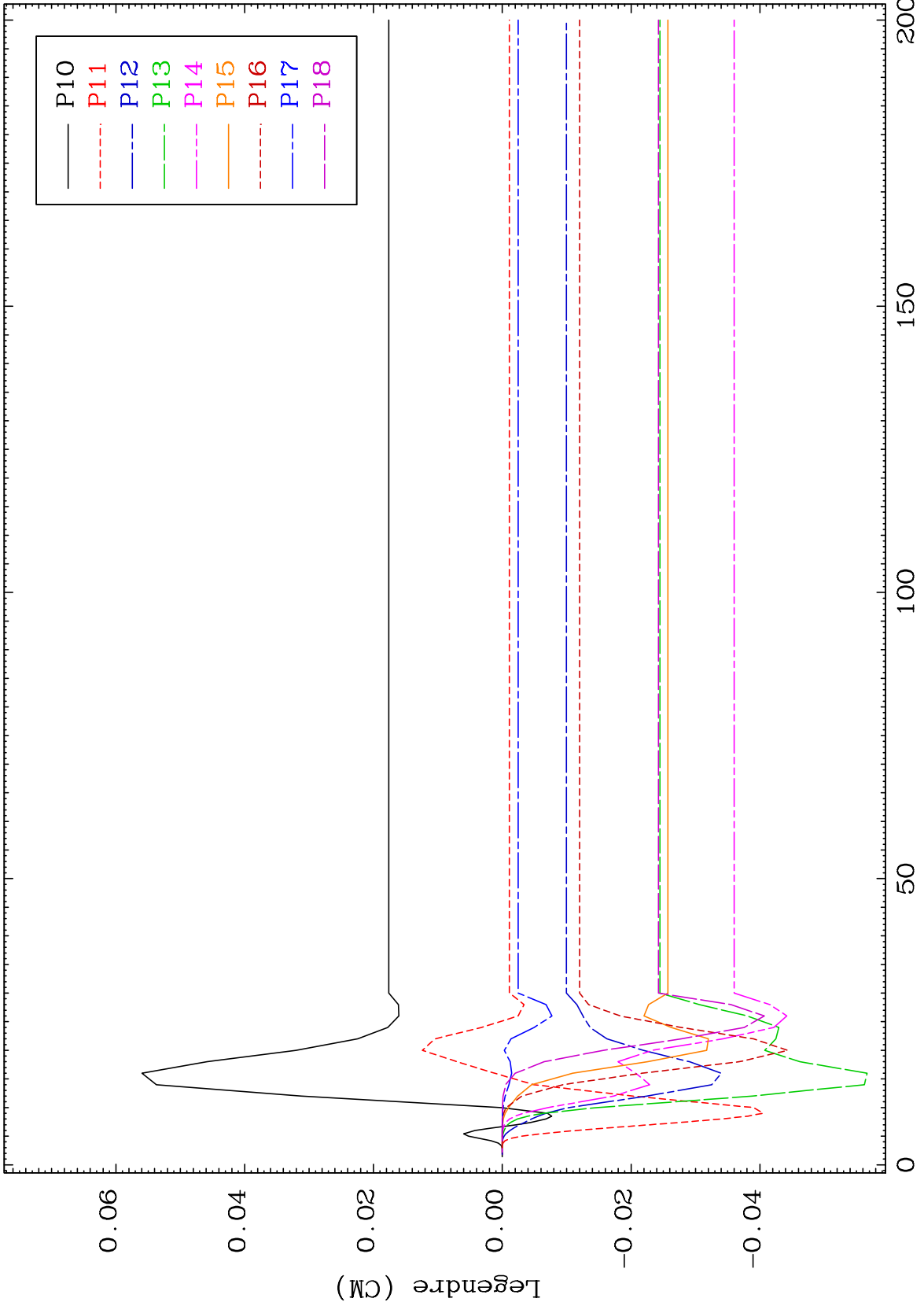
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



38

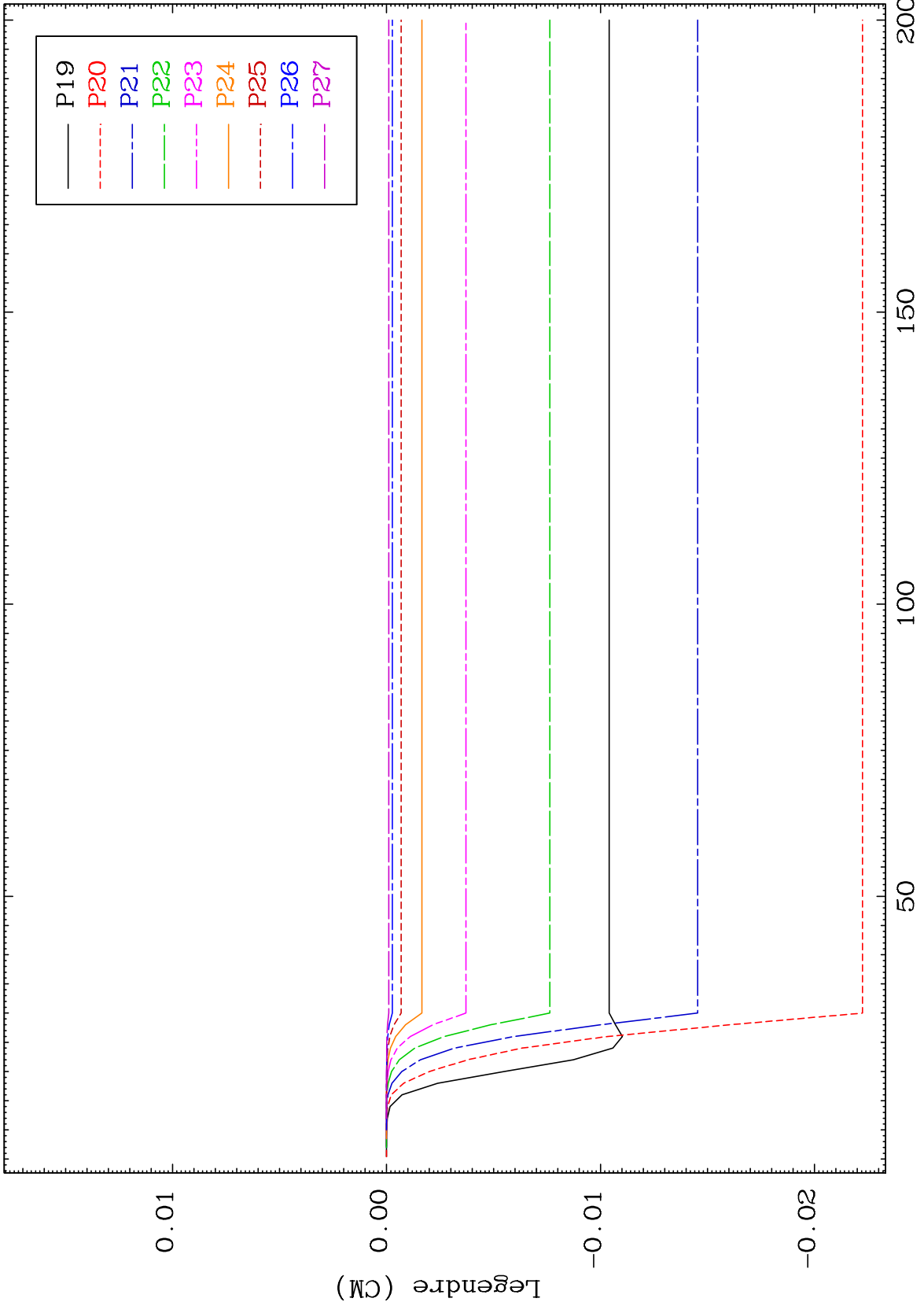
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175

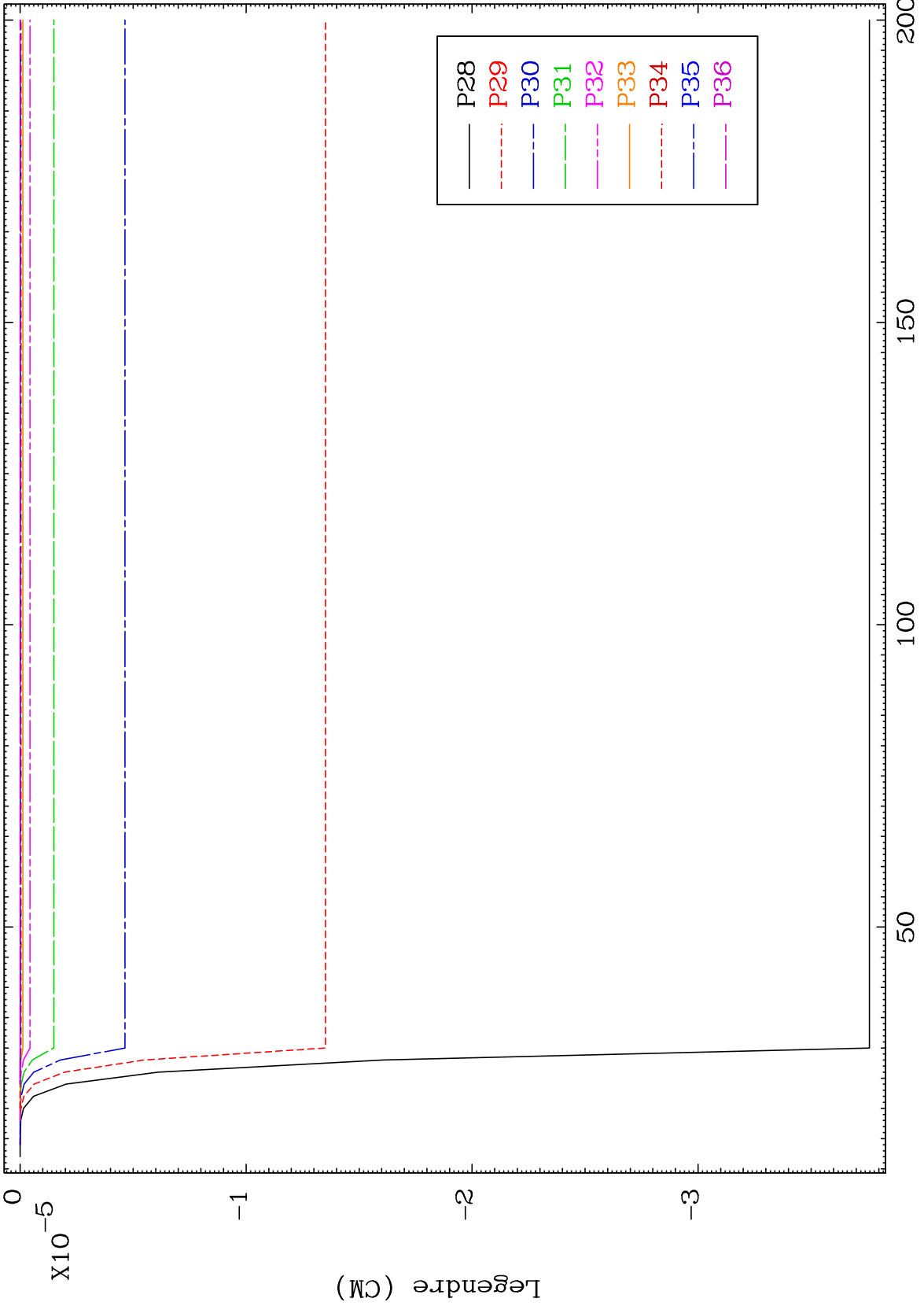


39

Incident Energy (MeV)

71-Lu-175

MAT 7125 MT= 56 (n,n') Level Legendre Coefficients 71-Lu-175

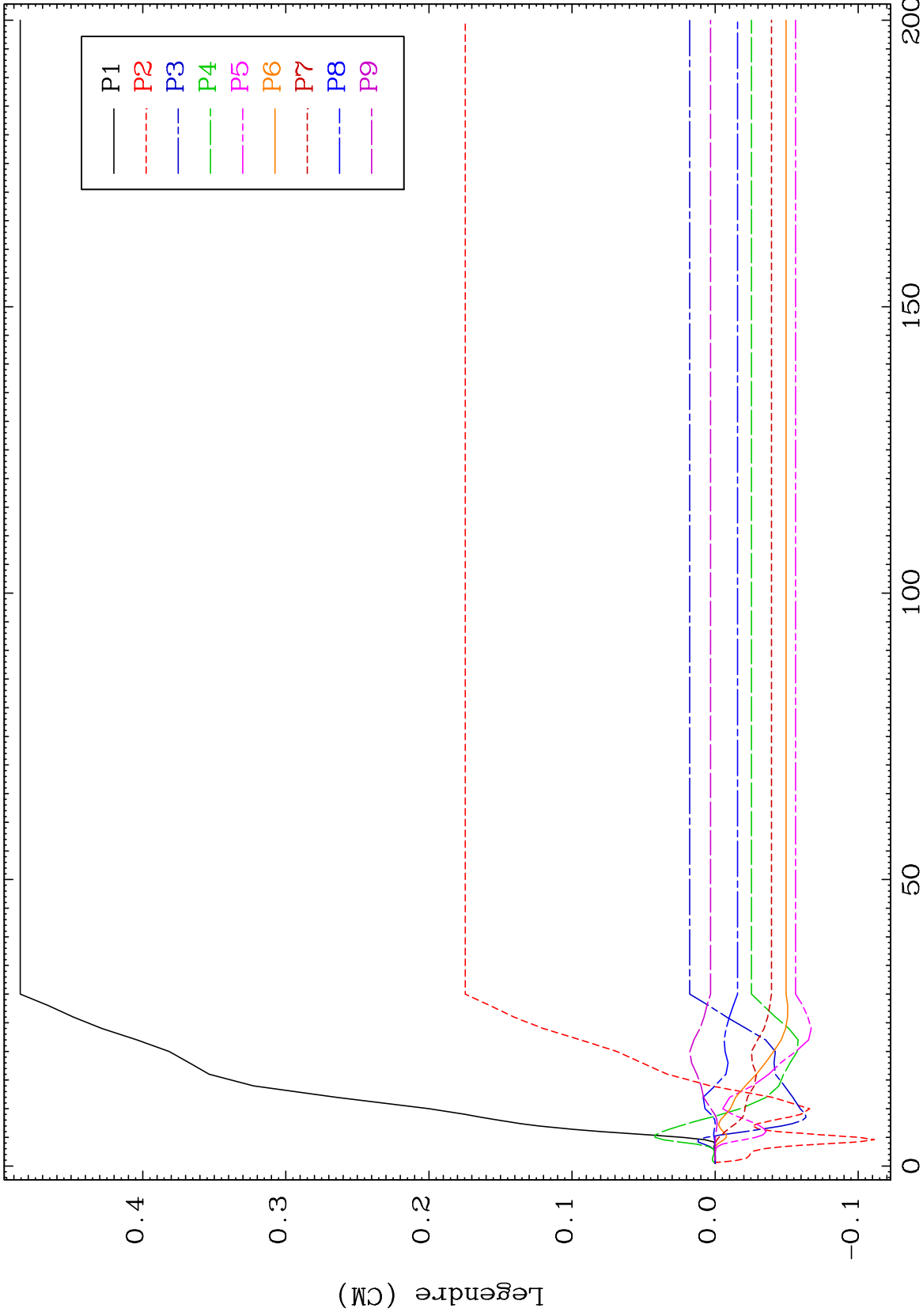


40 Incident Energy (MeV) 71-Lu-175

MAT 7125

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

71-Lu-175



41

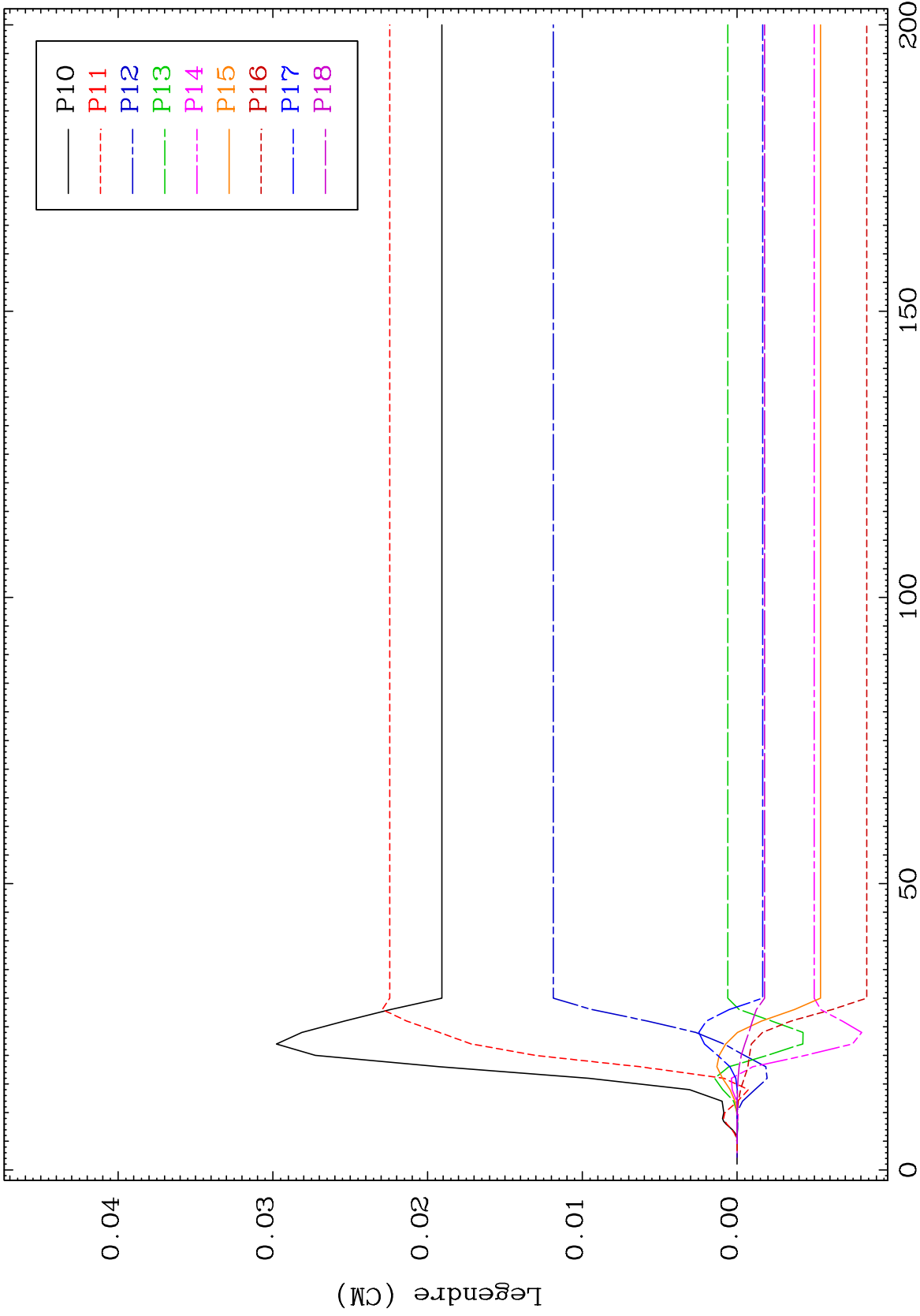
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



42

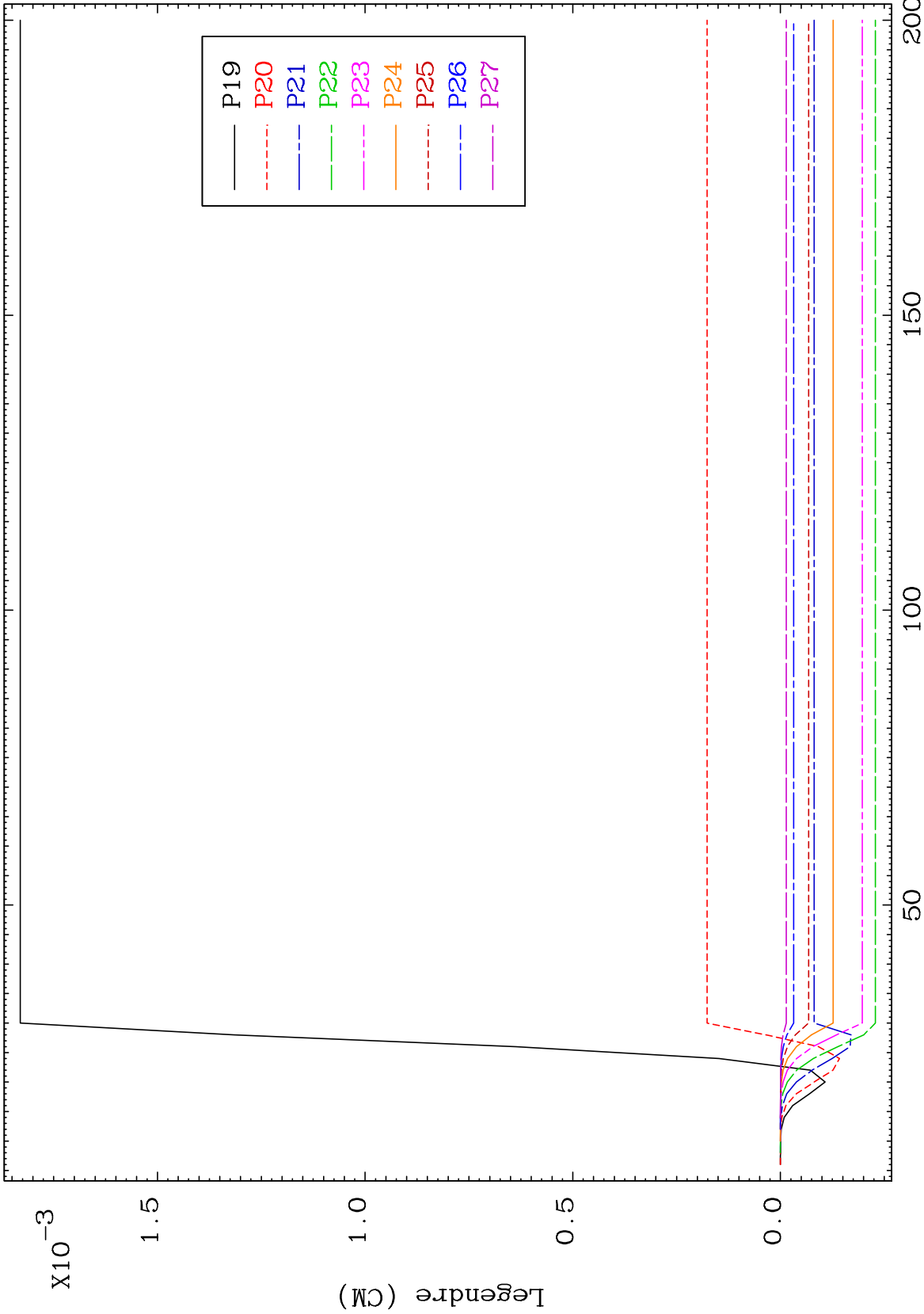
Incident Energy (MeV)

71-Lu-175

MAT 7125

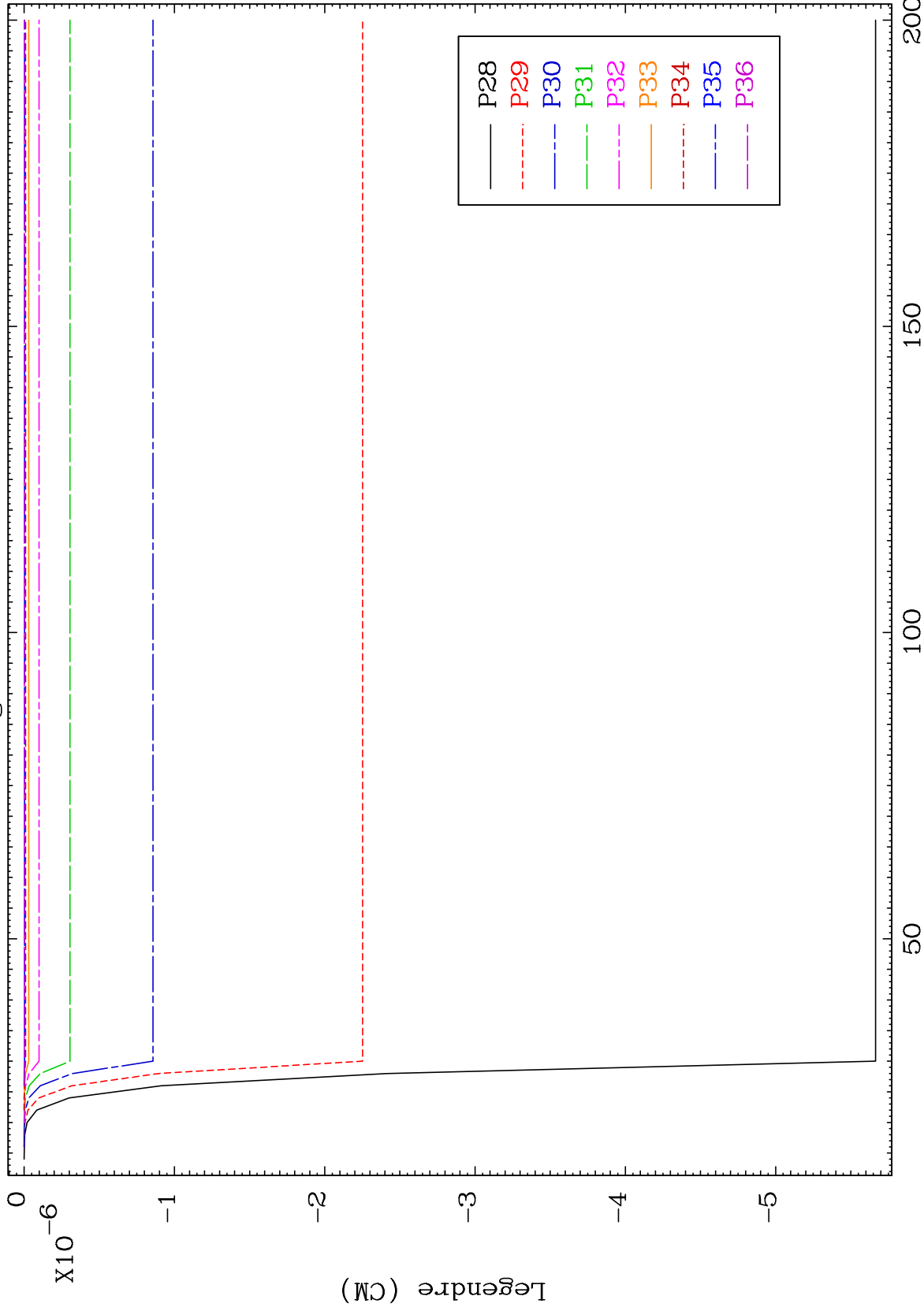
MT= 57 (n,n') Level
Legendre Coefficients

71-Lu-175



43

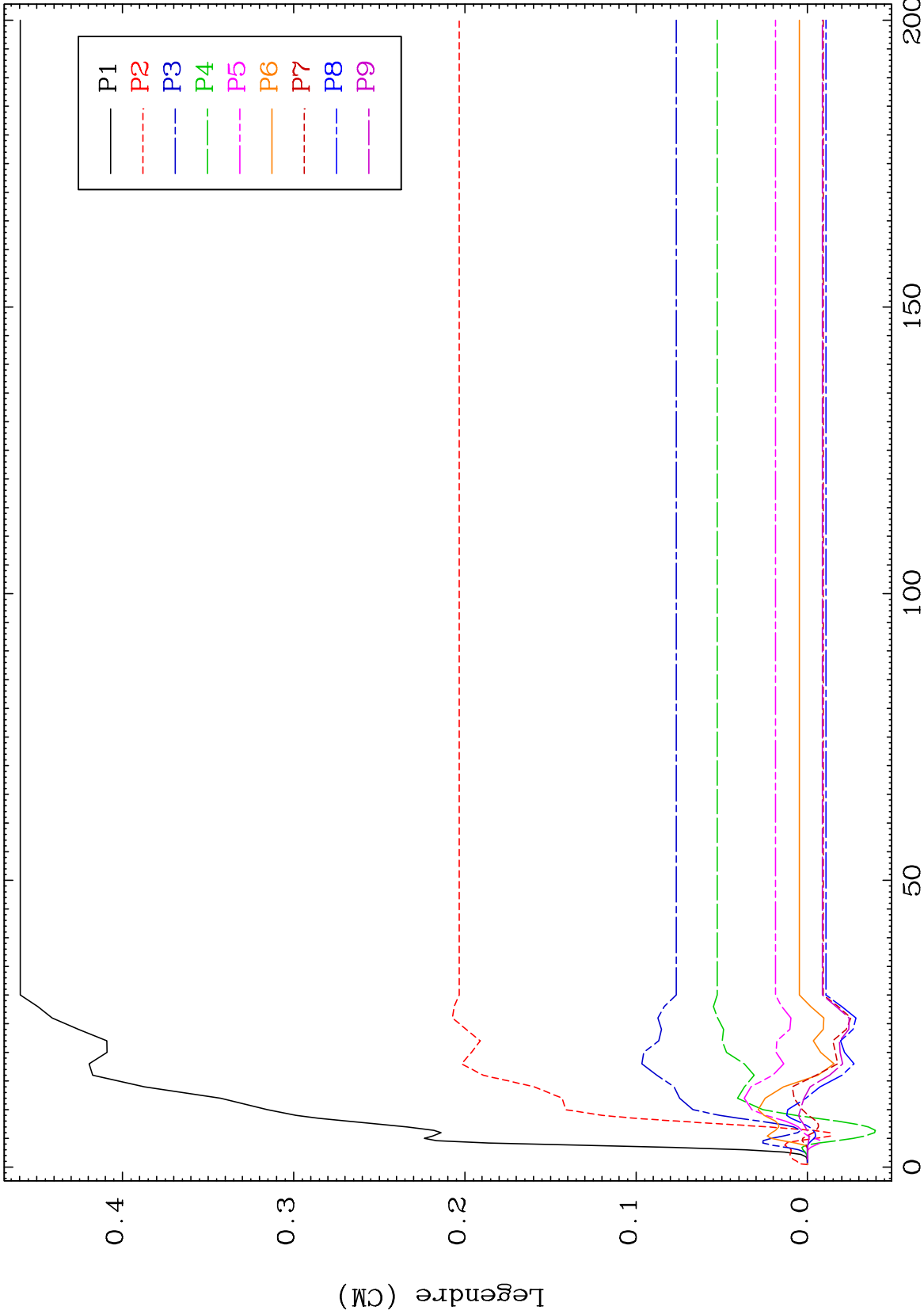
71-Lu-175



MAT 7125

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

71-Lu-175



45

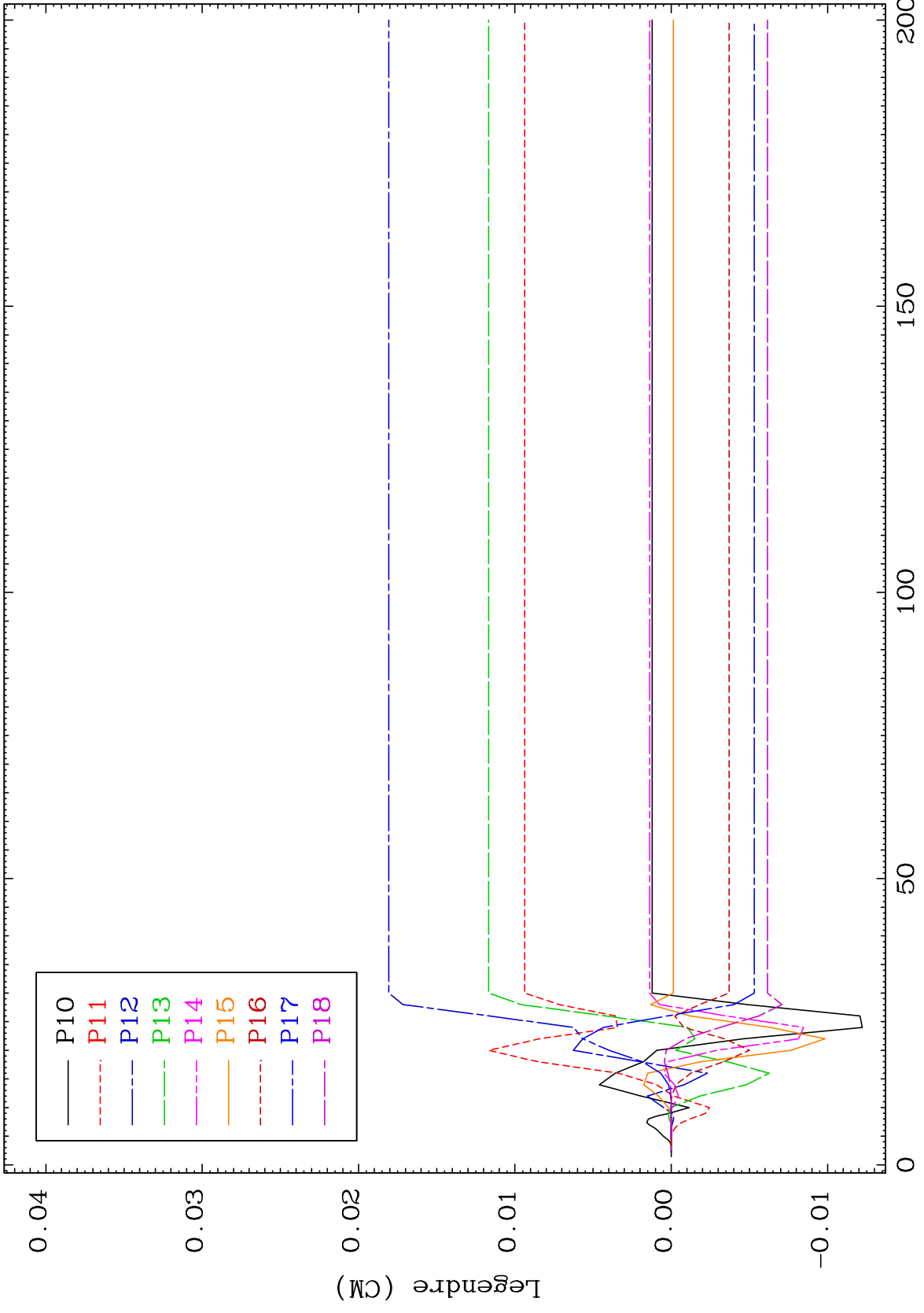
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



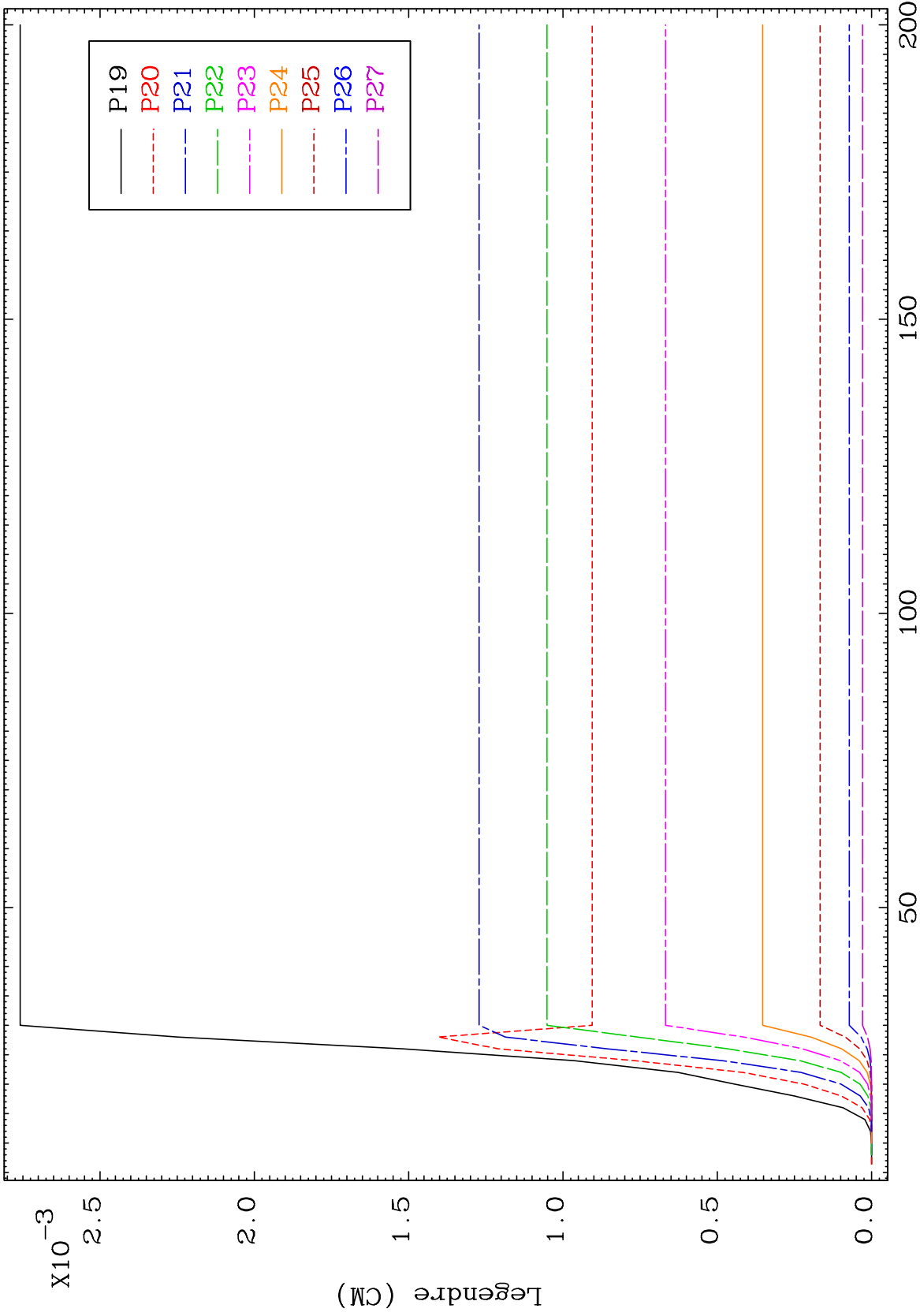
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71-Lu-175

MAT 7125

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

71-Lu-175



47

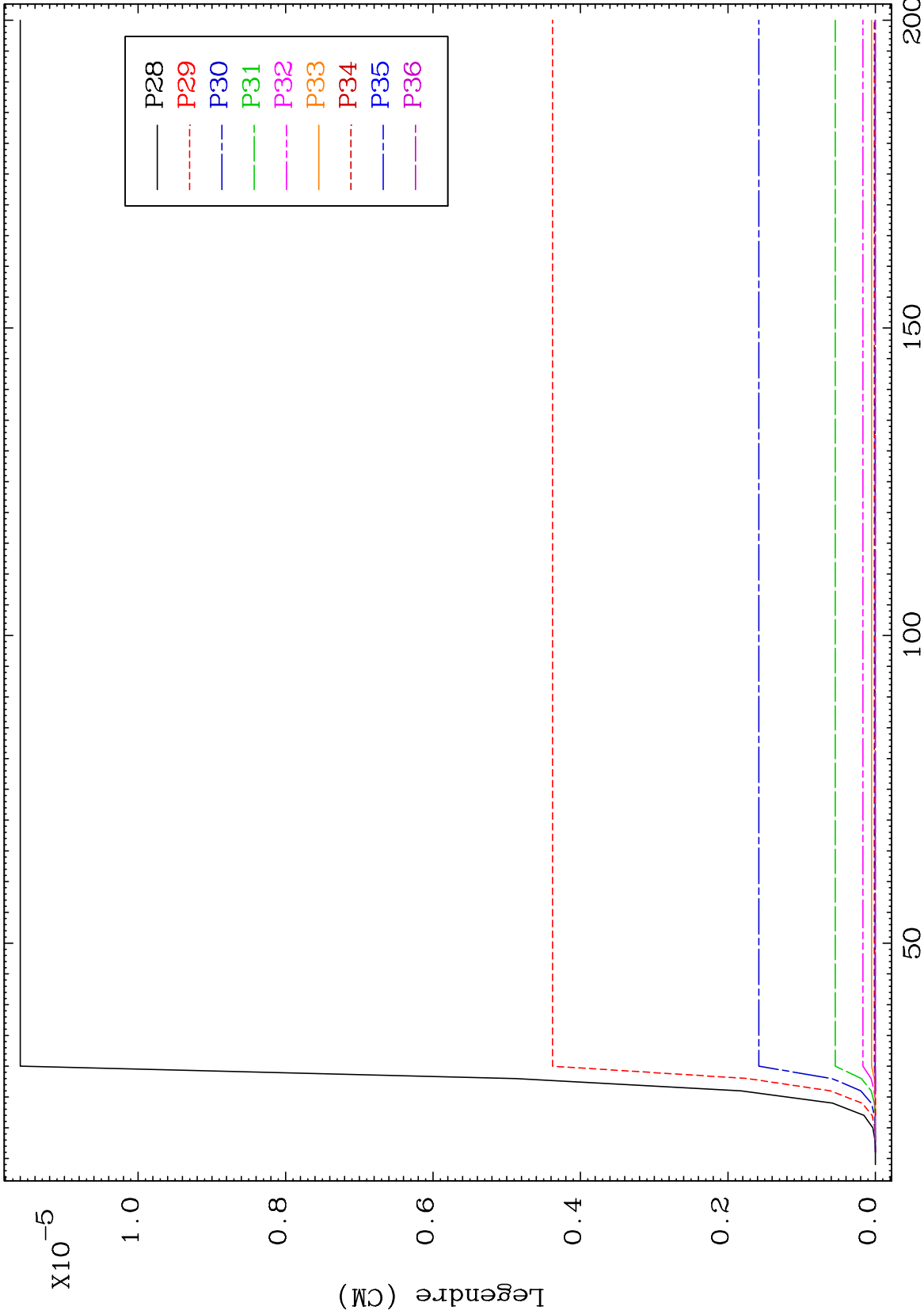
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



48

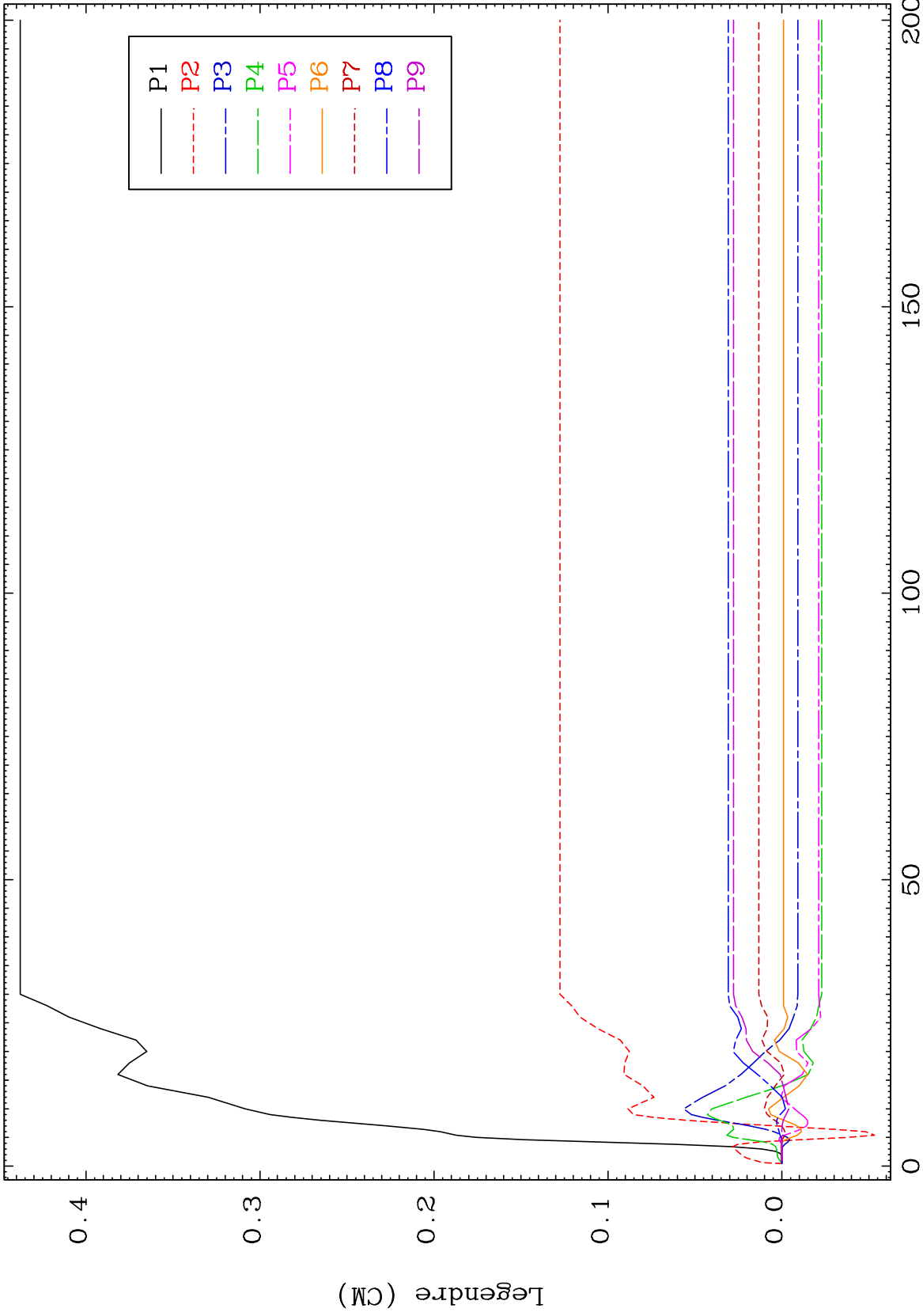
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



49

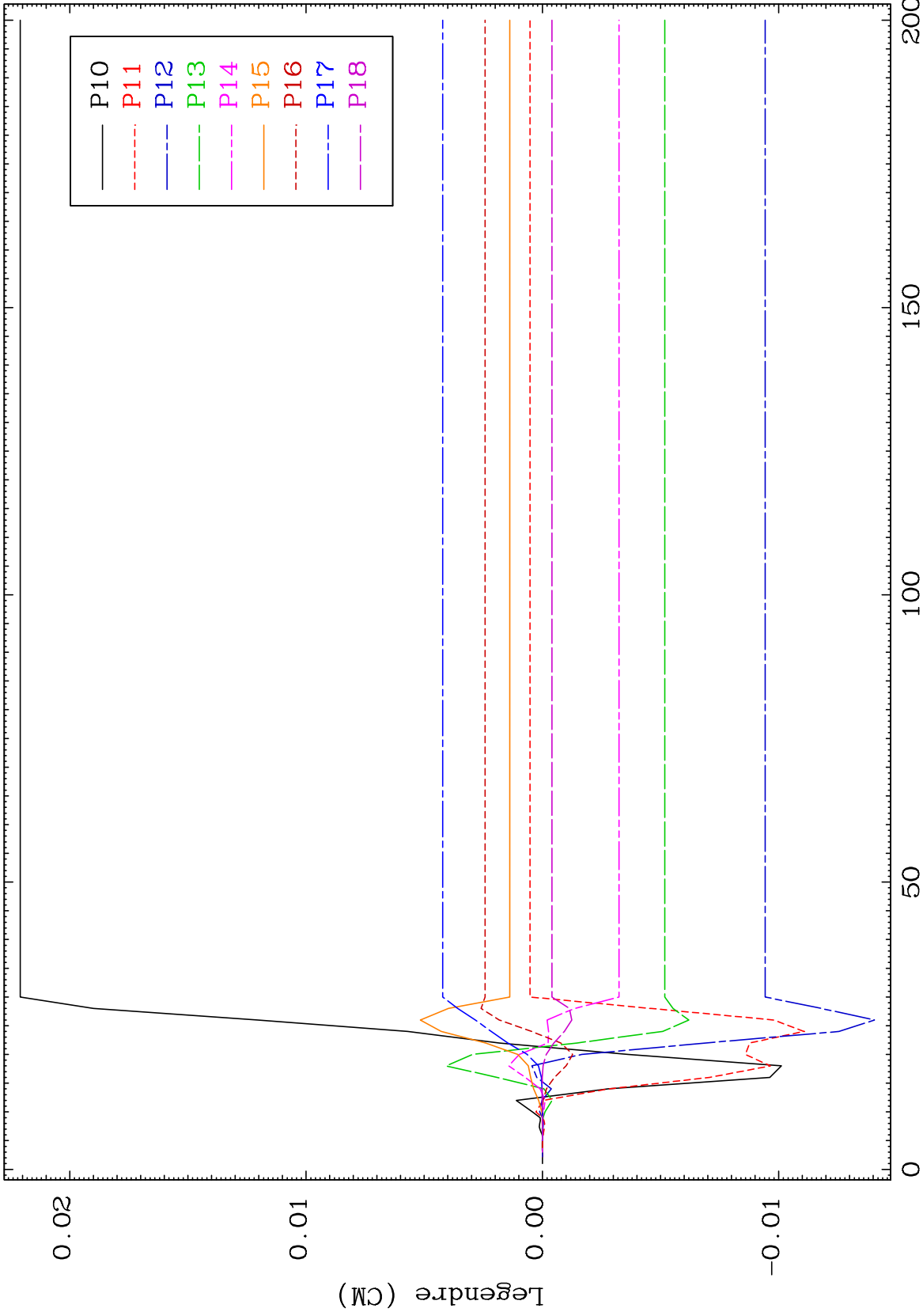
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



71-Lu-175

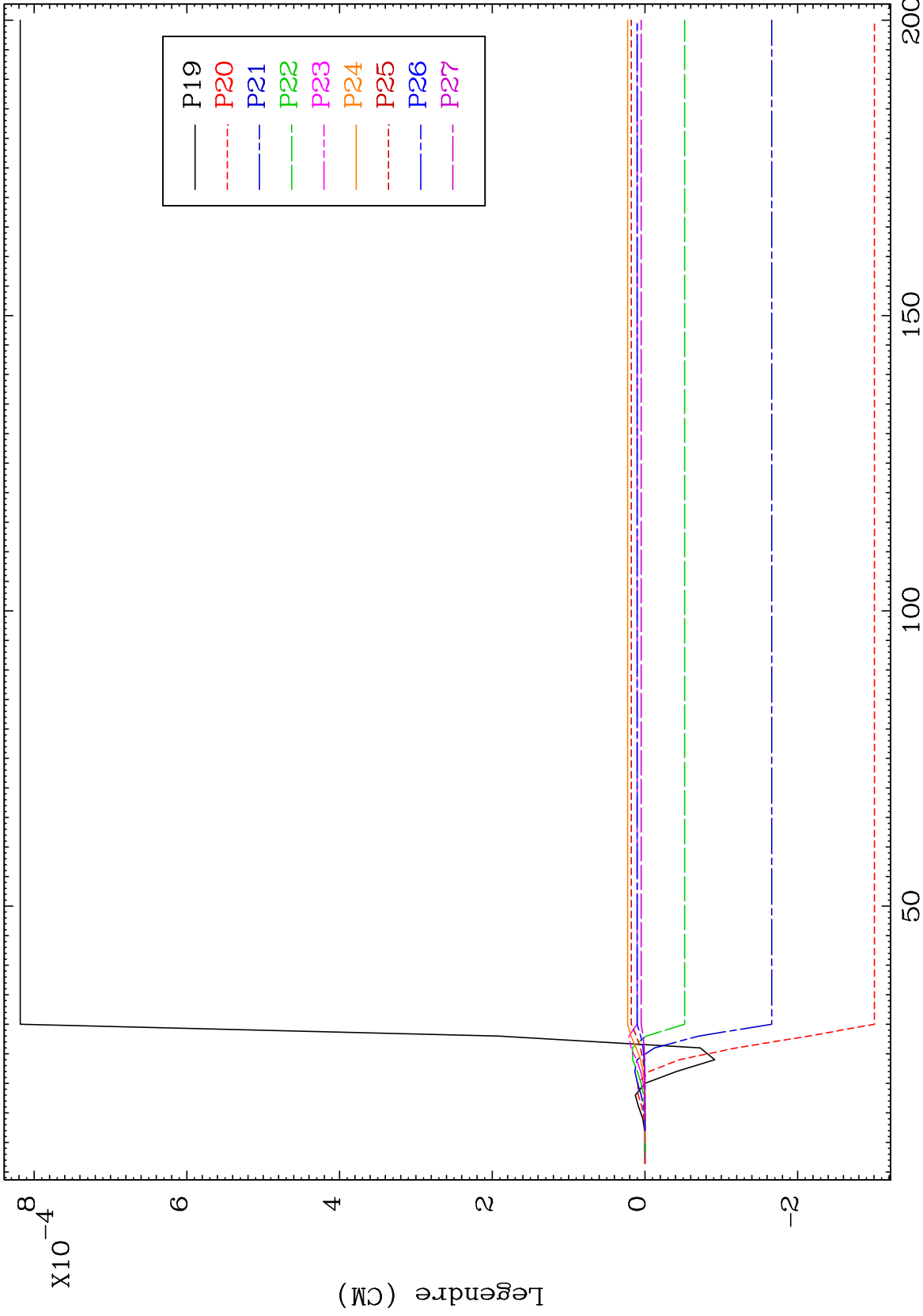
Incident Energy (MeV)

50

MAT 7125

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

71-Lu-175



51

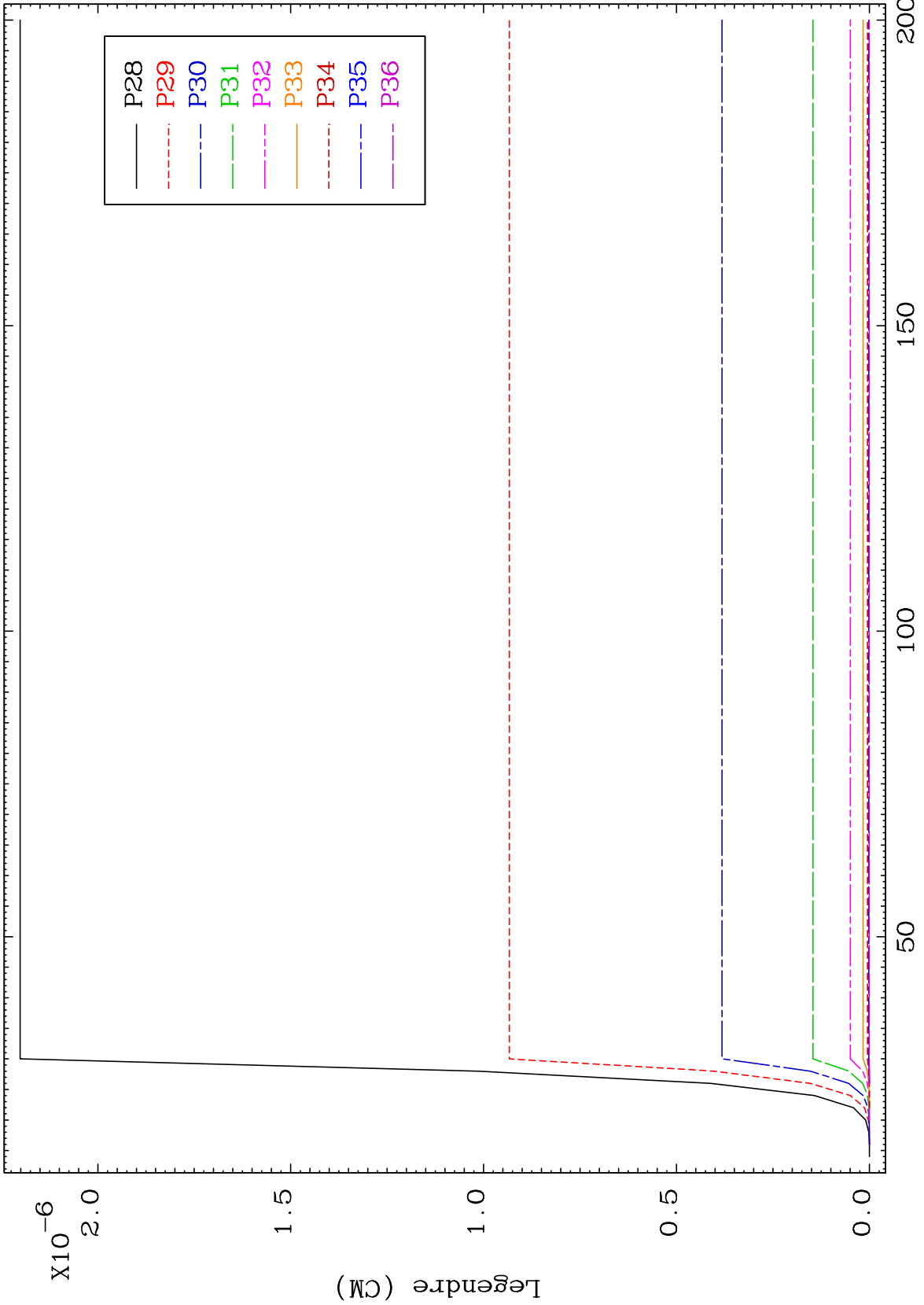
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



52

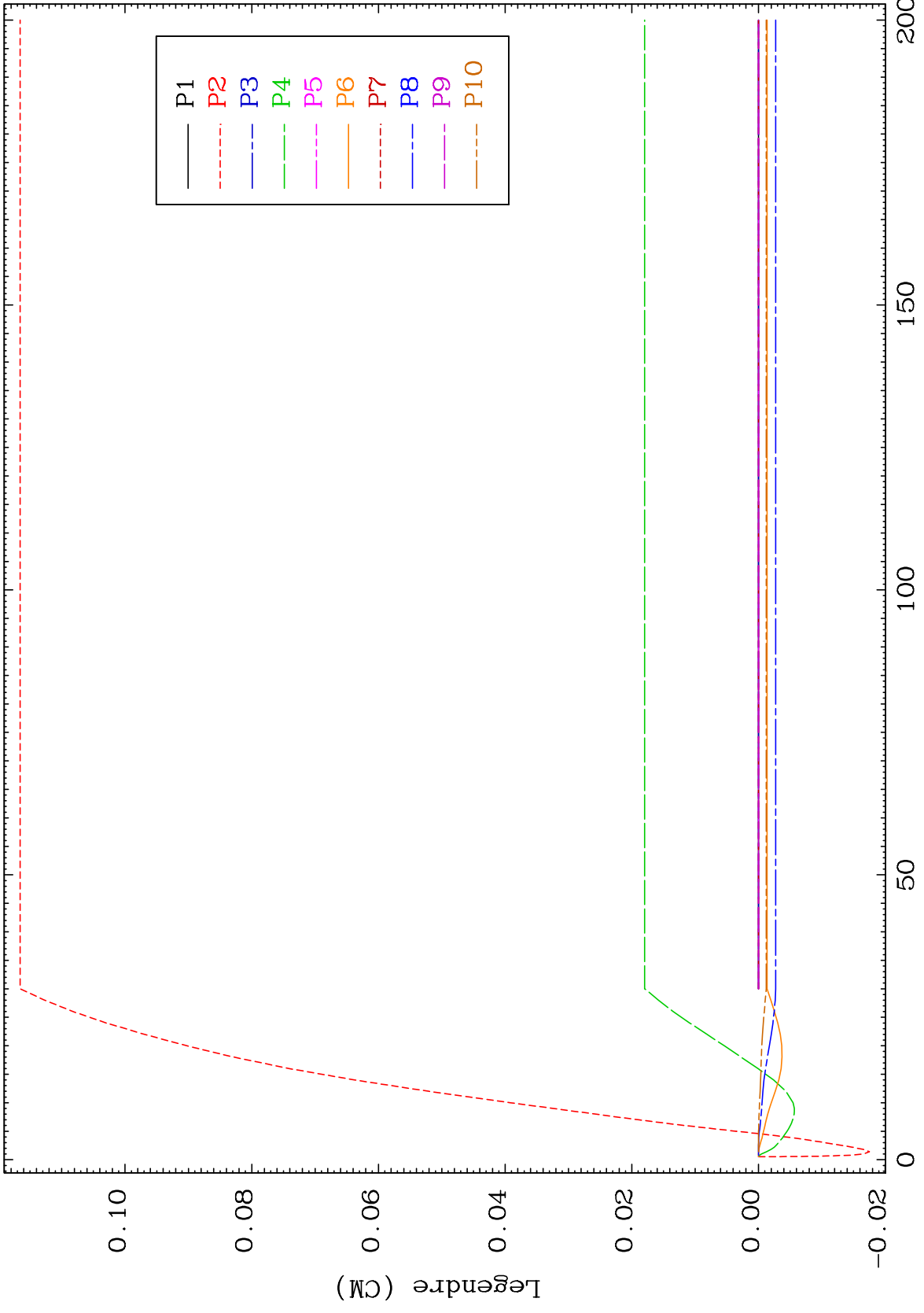
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



53

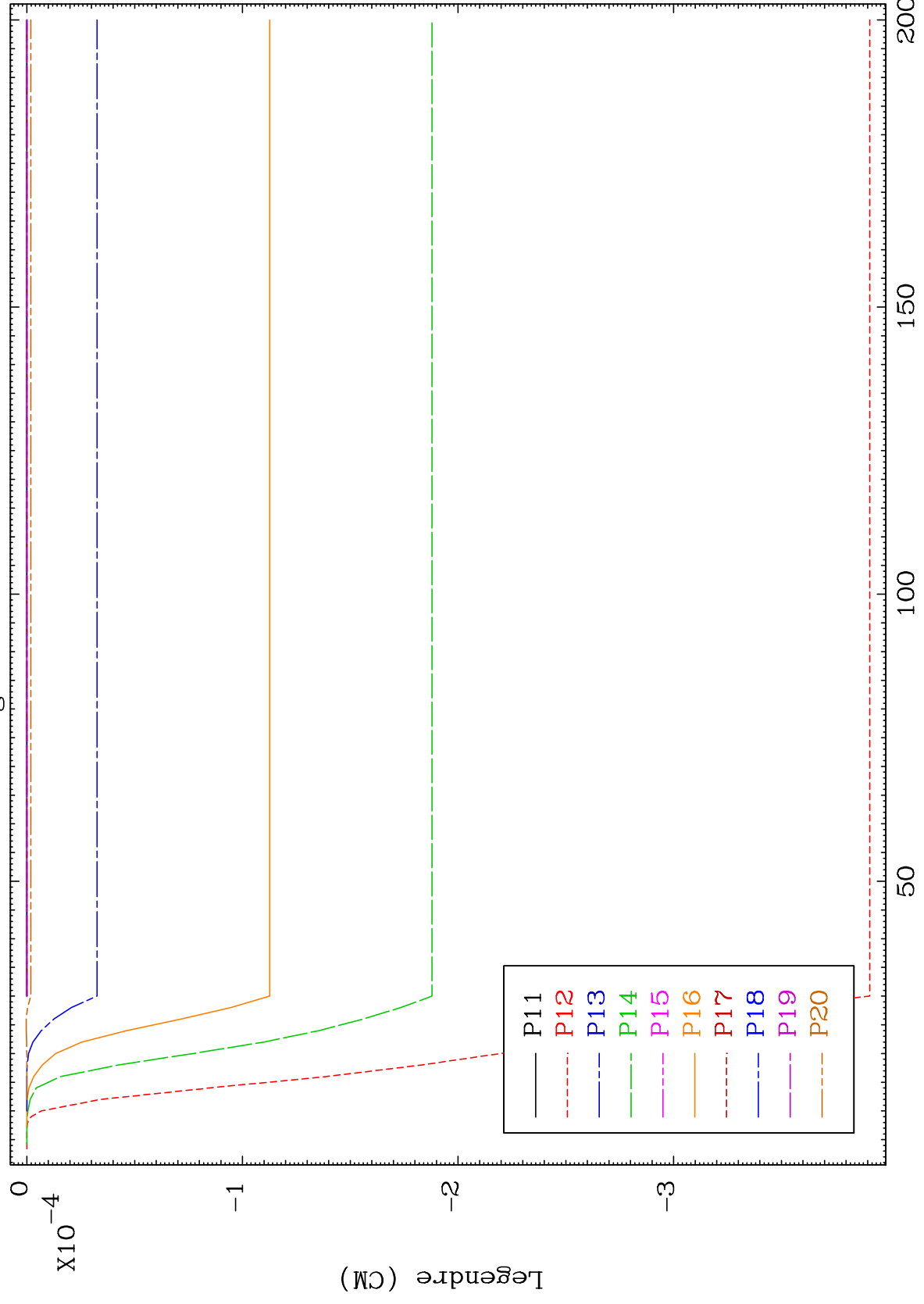
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



71-Lu-175

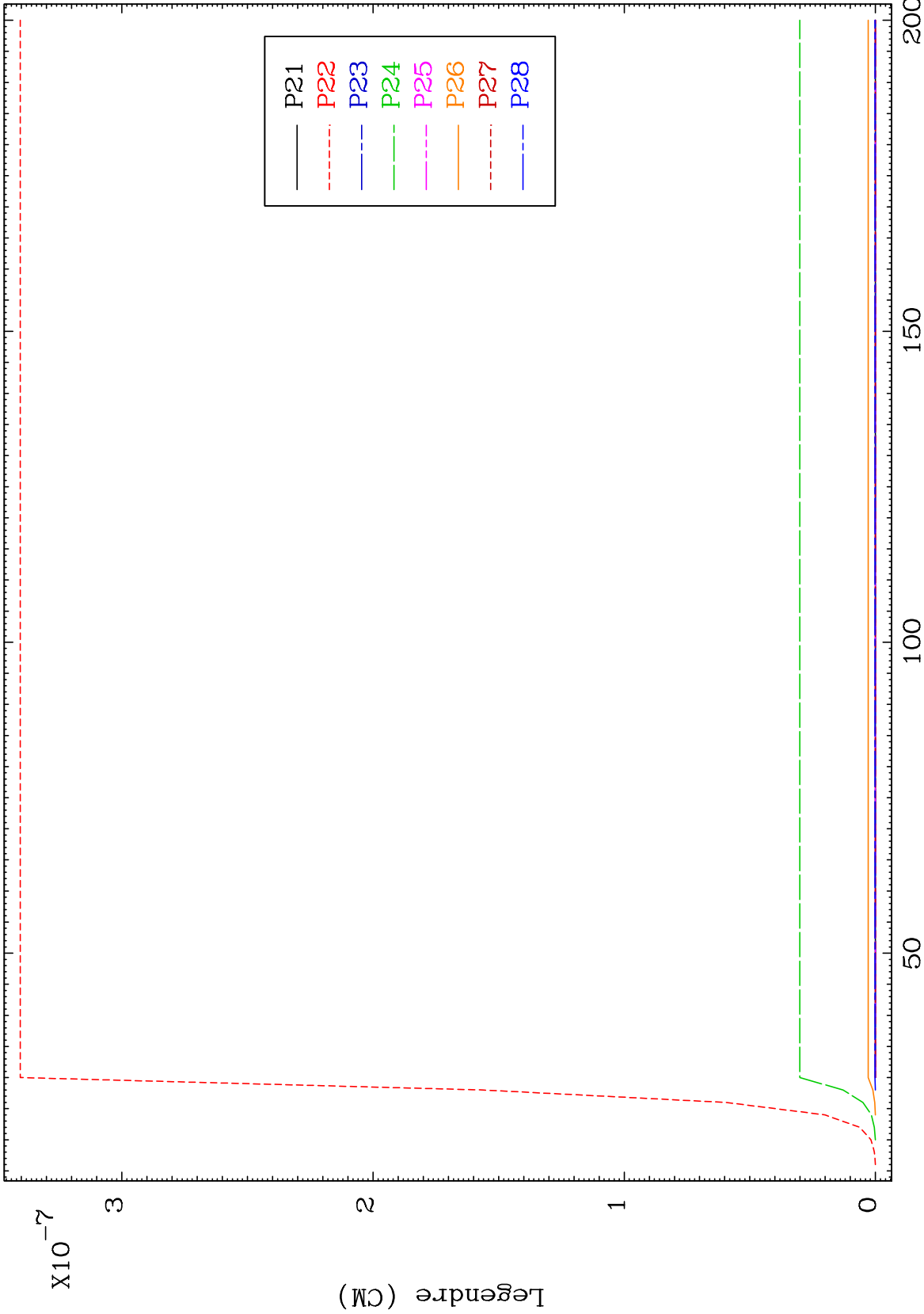
Incident Energy (MeV)

54

MAT 7125

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

71-Lu-175



55

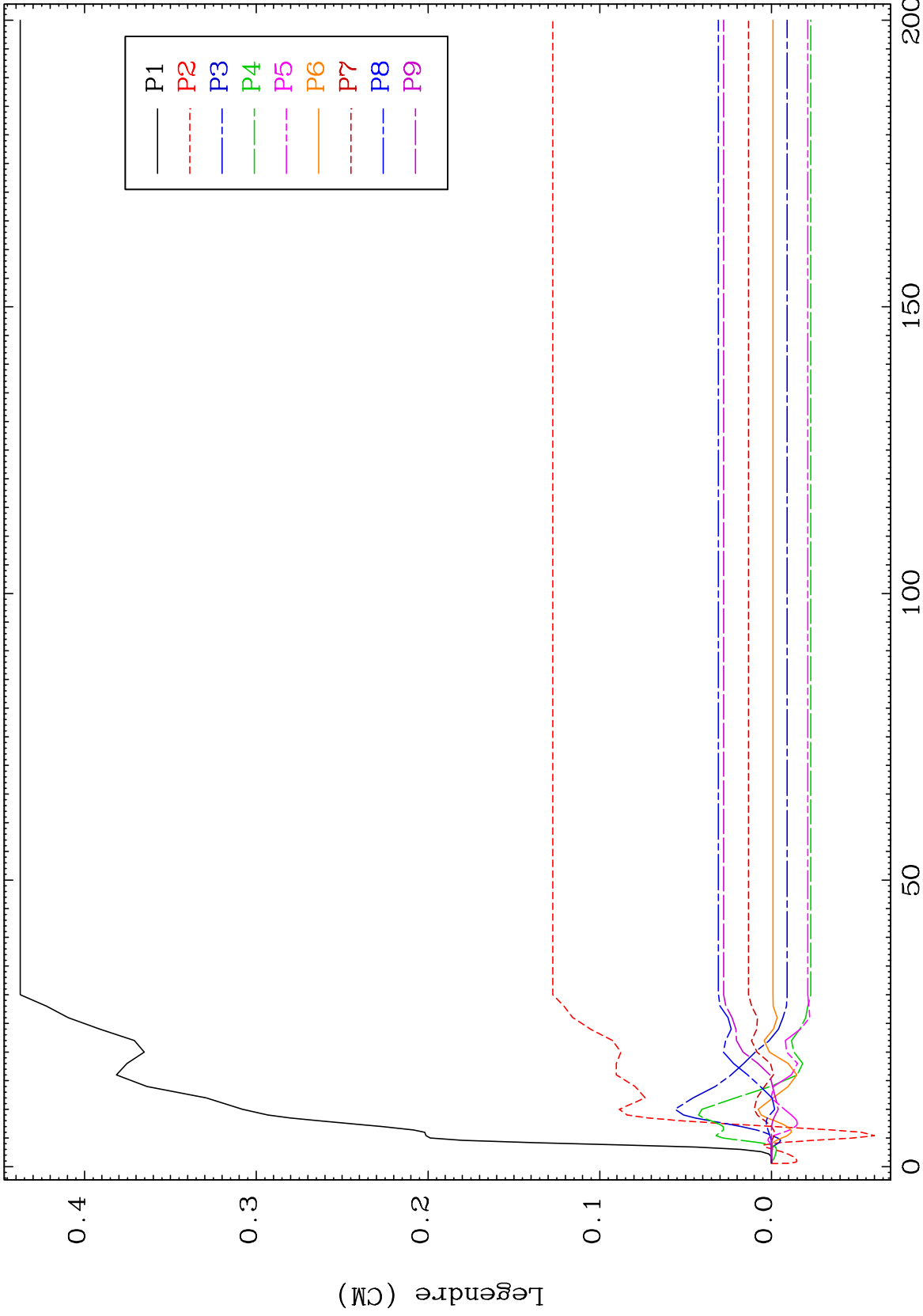
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



56

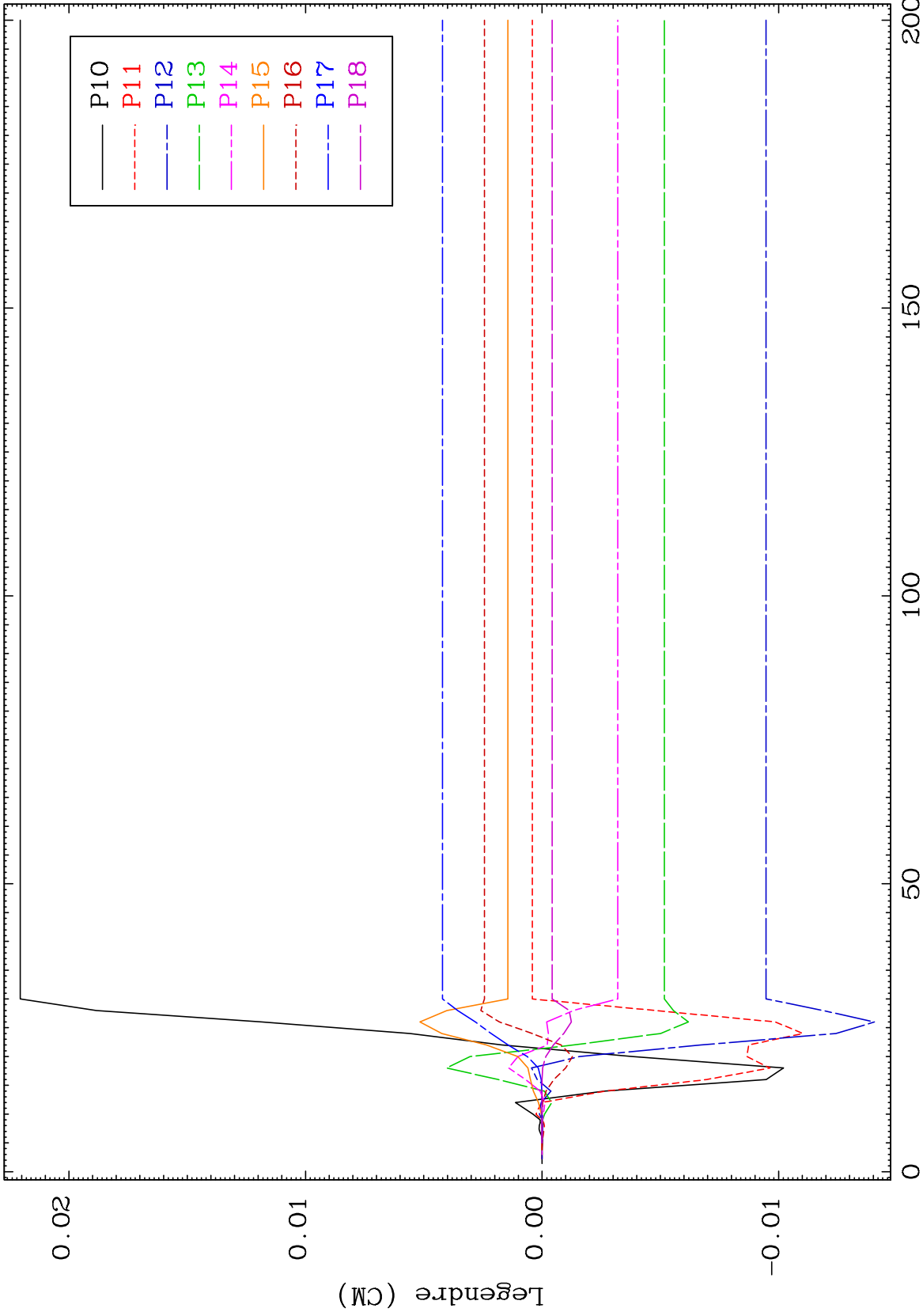
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



57

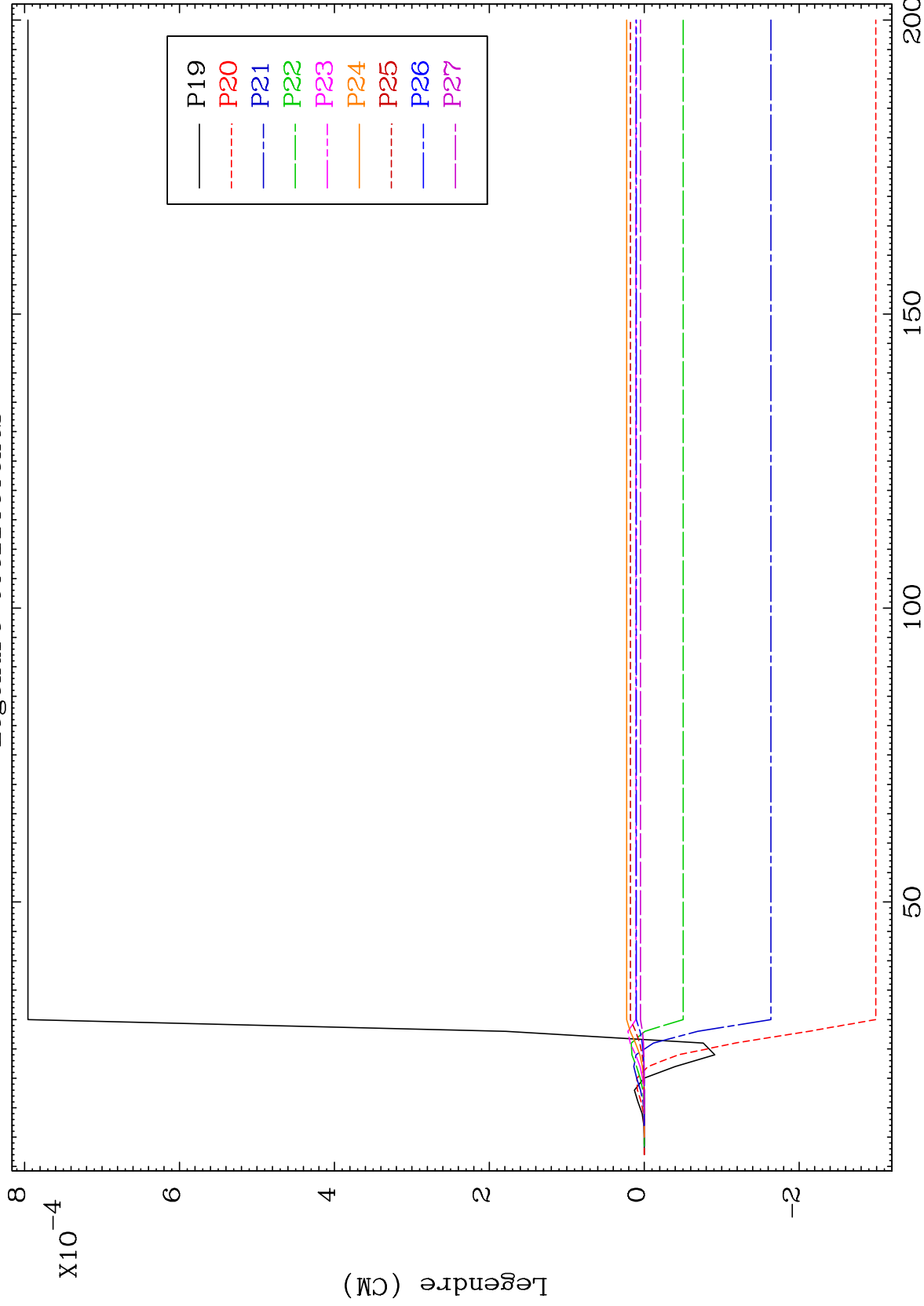
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



58

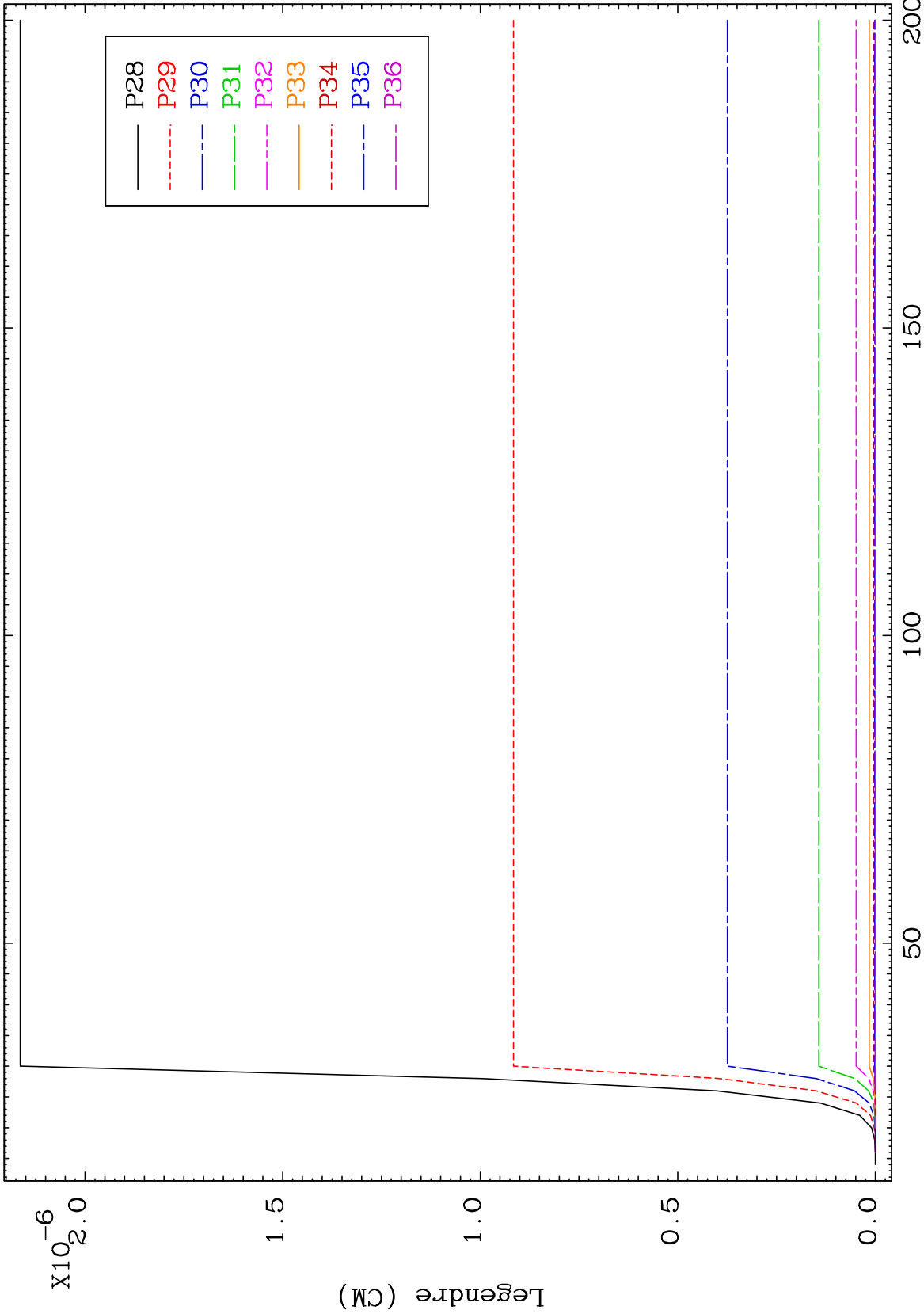
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



59

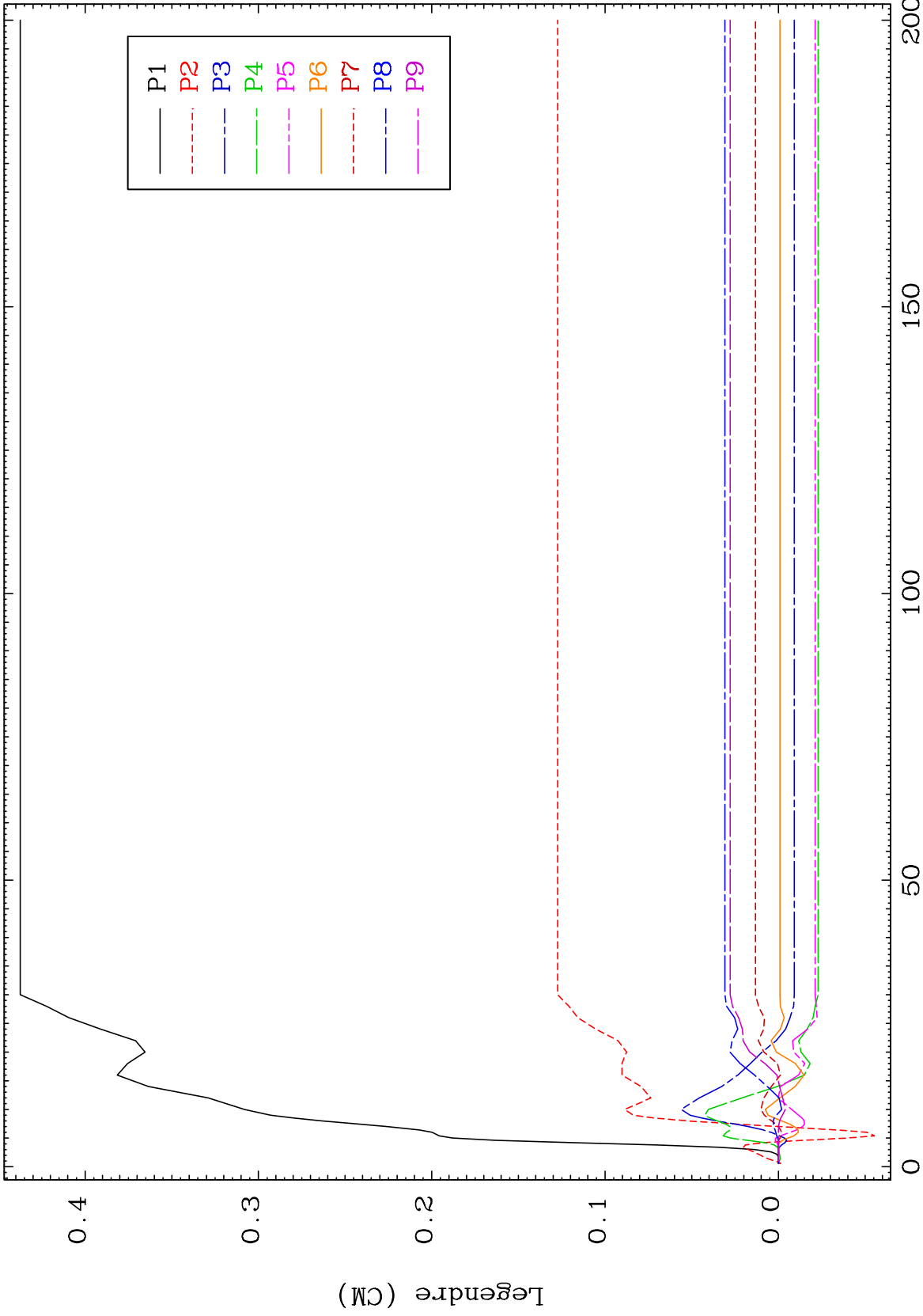
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



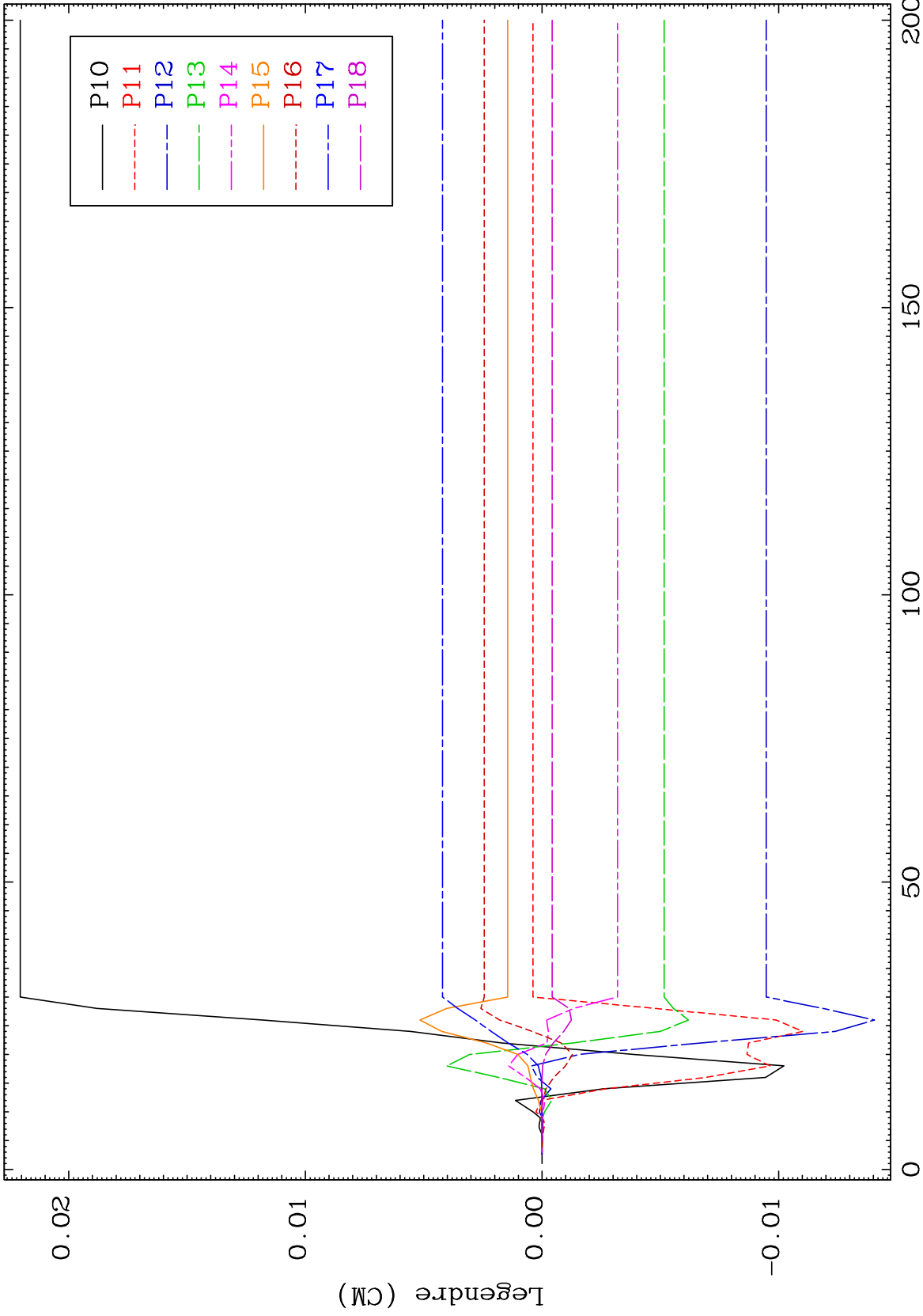
71-Lu-175

Incident Energy (MeV)

MAT 7125

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

71-Lu-175



61

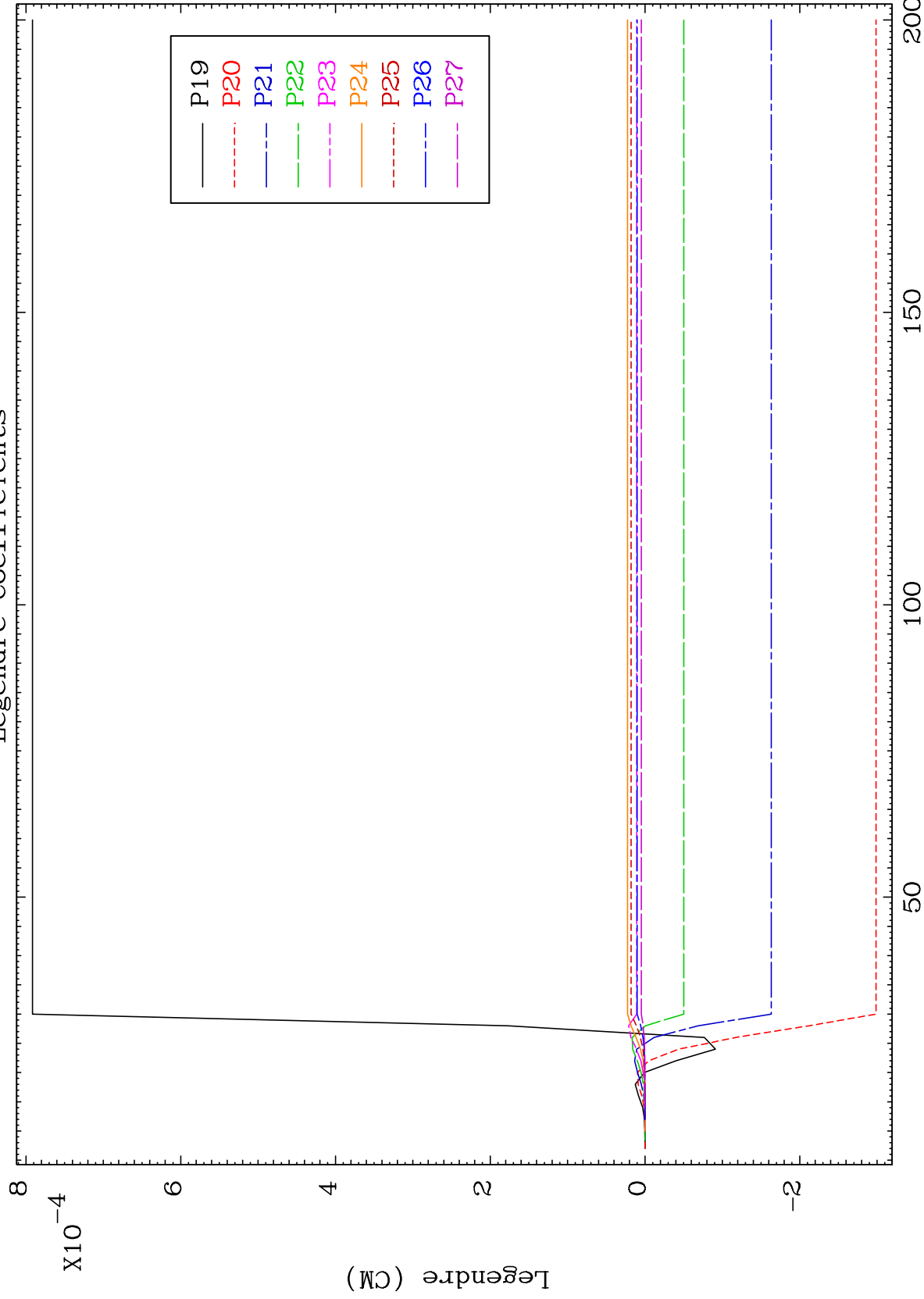
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



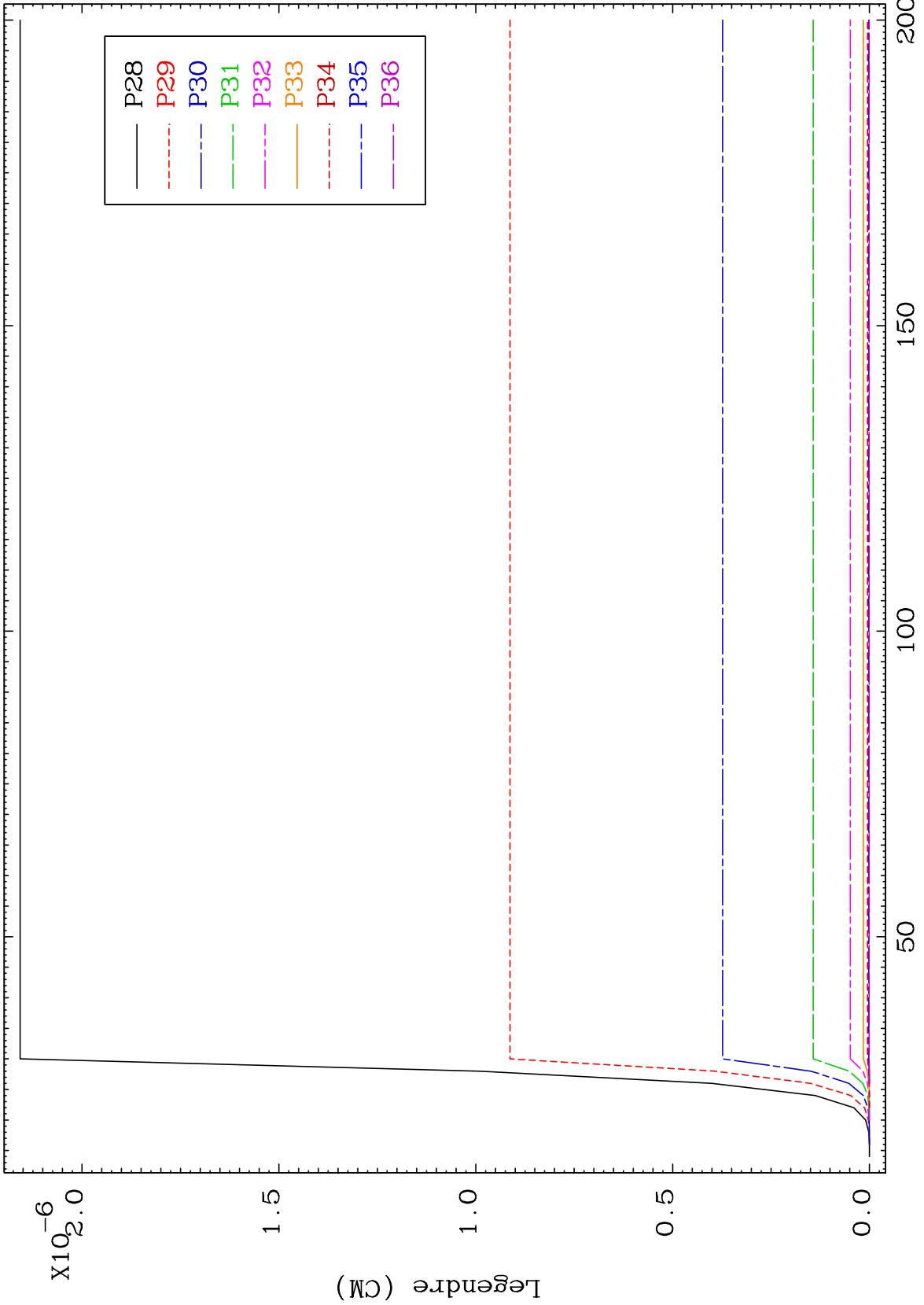
62

71-Lu-175

MAT 7125

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

71-Lu-175



63

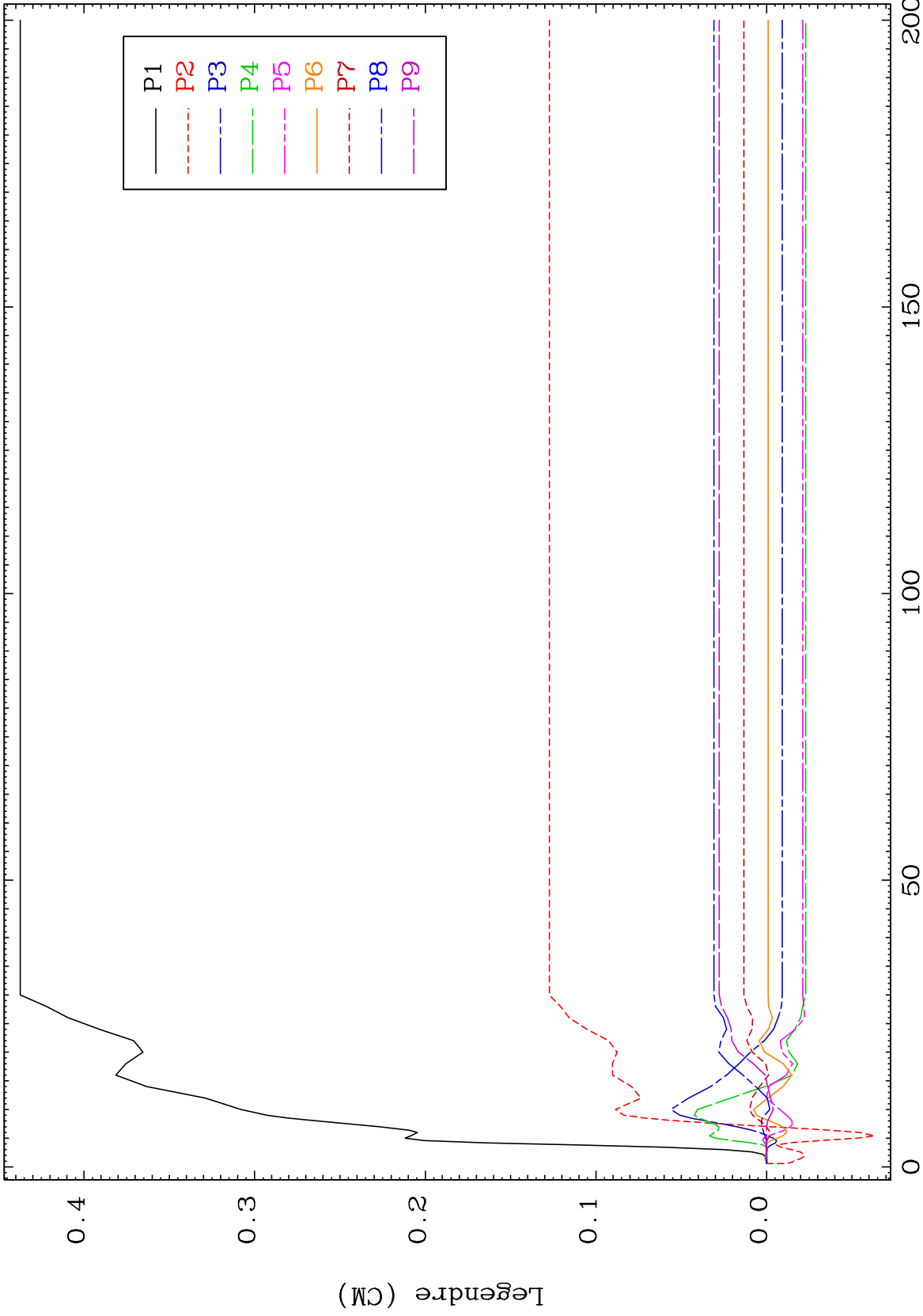
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



64

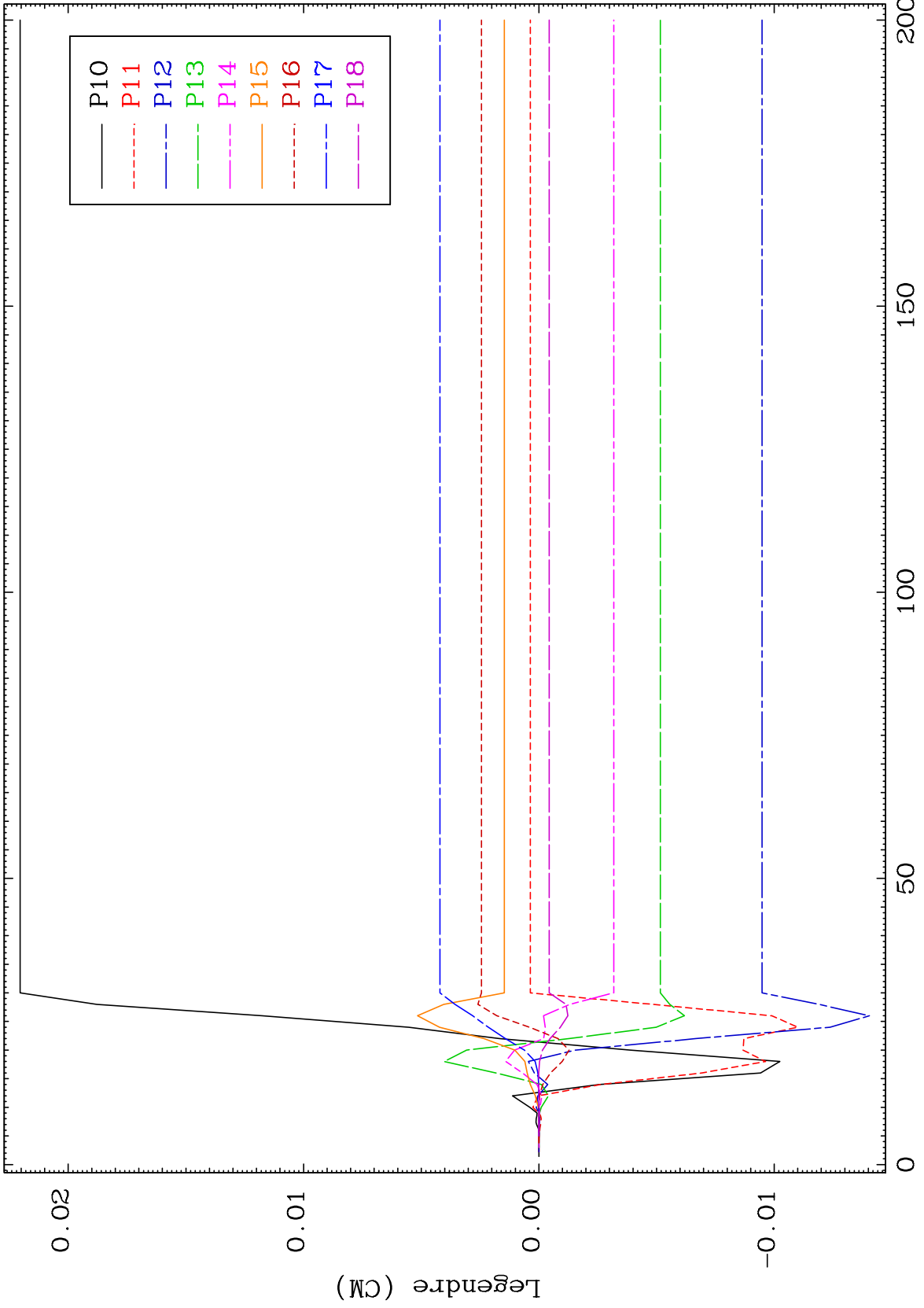
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



65

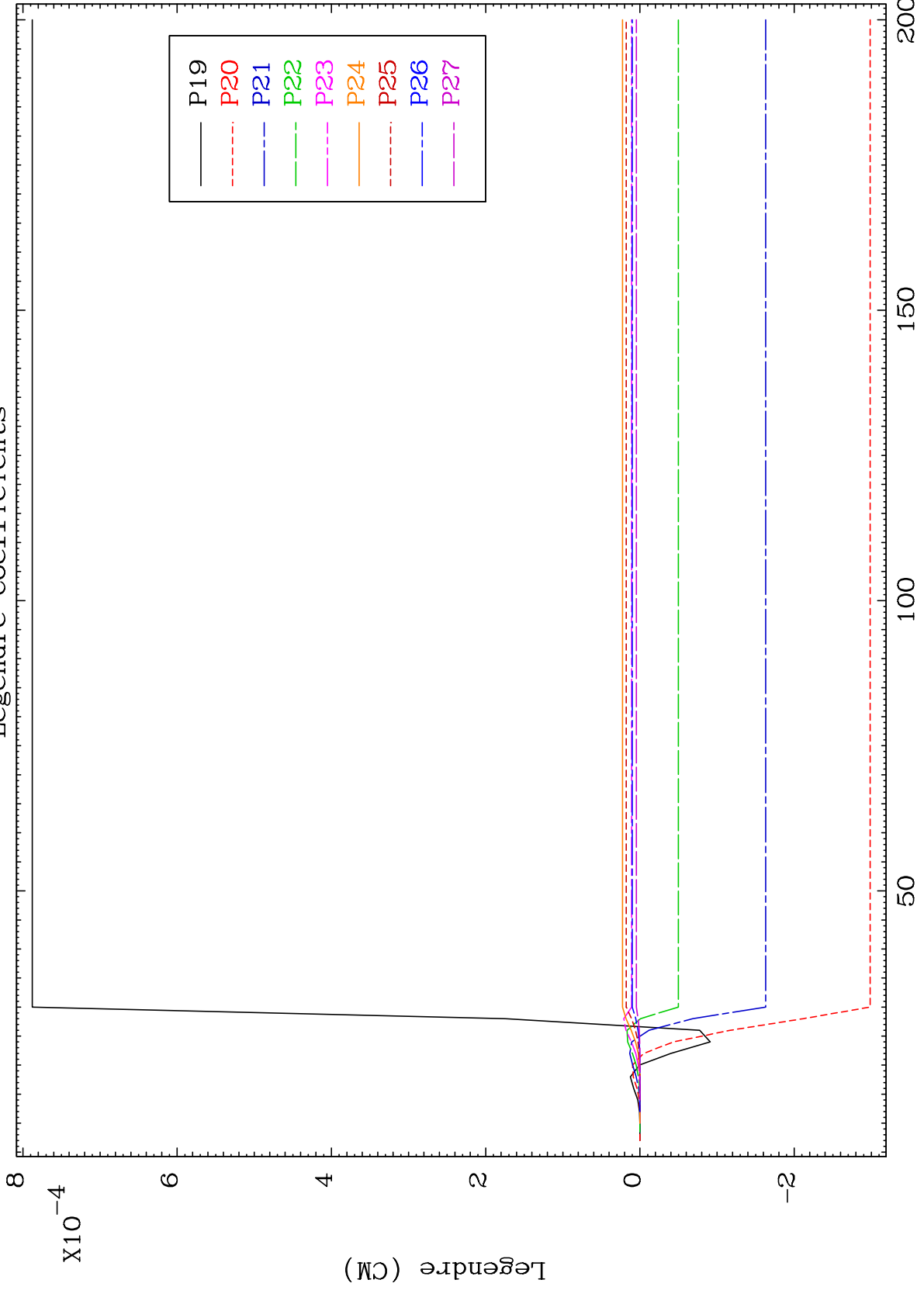
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



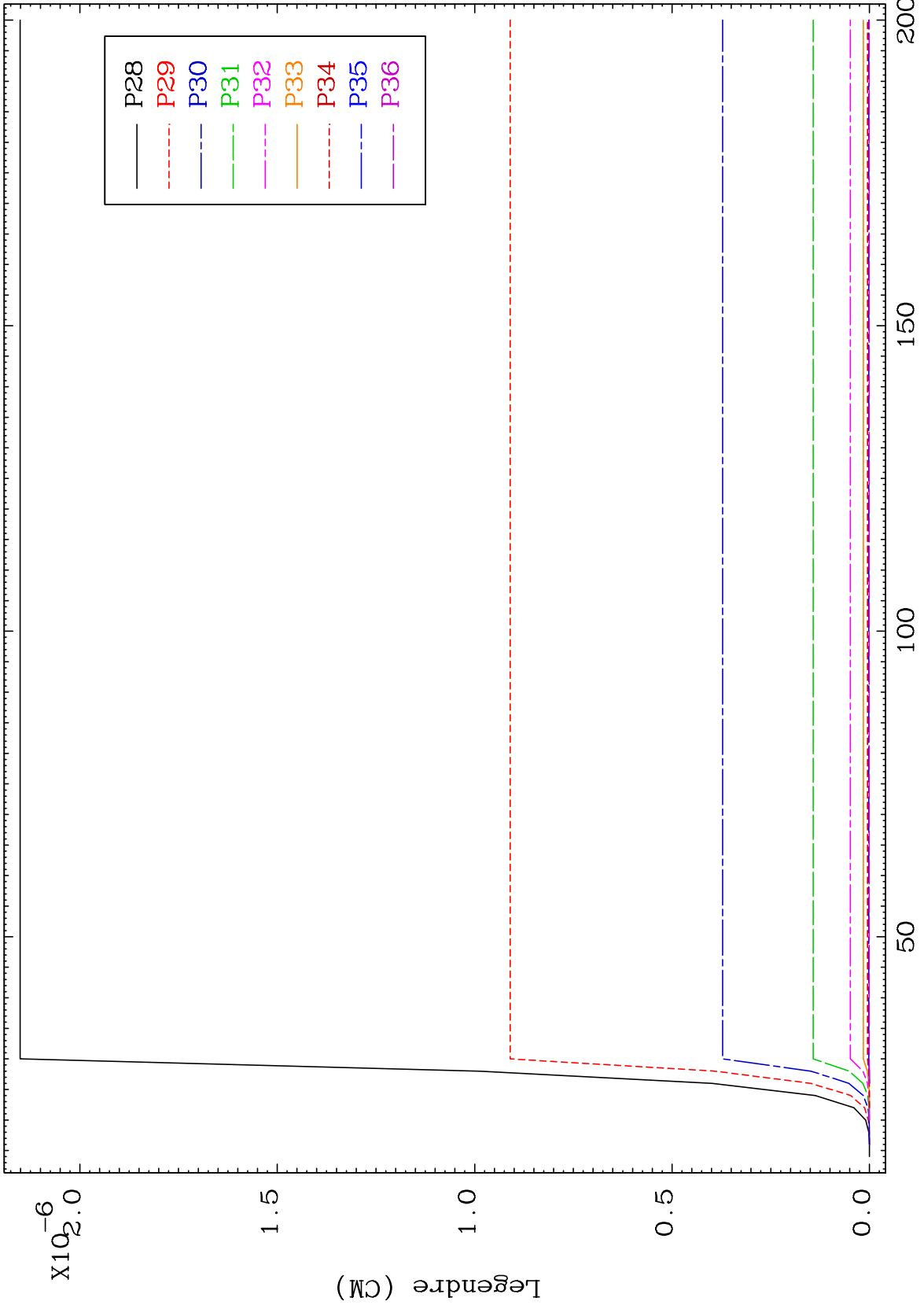
66

71-Lu-175

MAT 7125

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

71-Lu-175



67

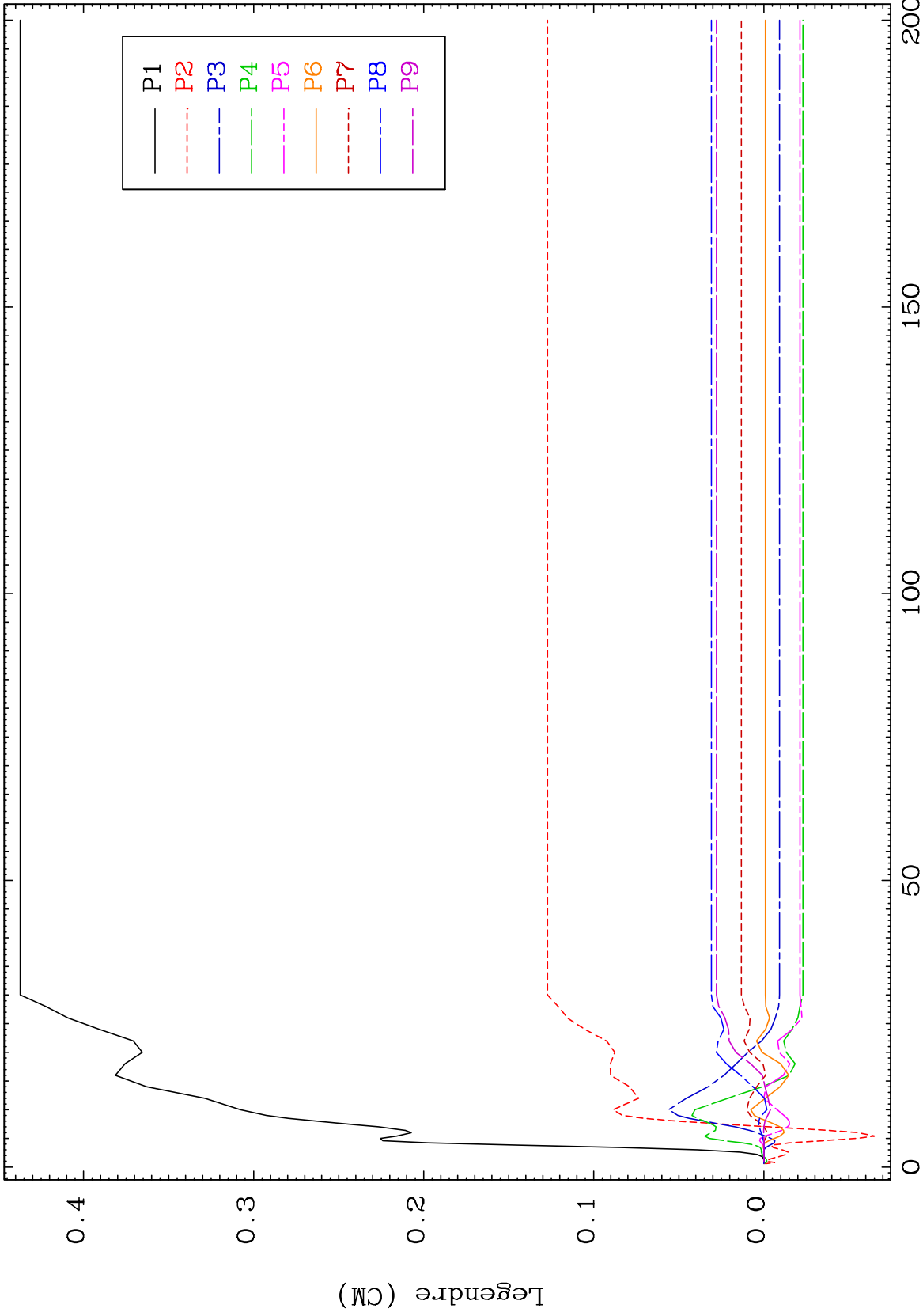
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



68

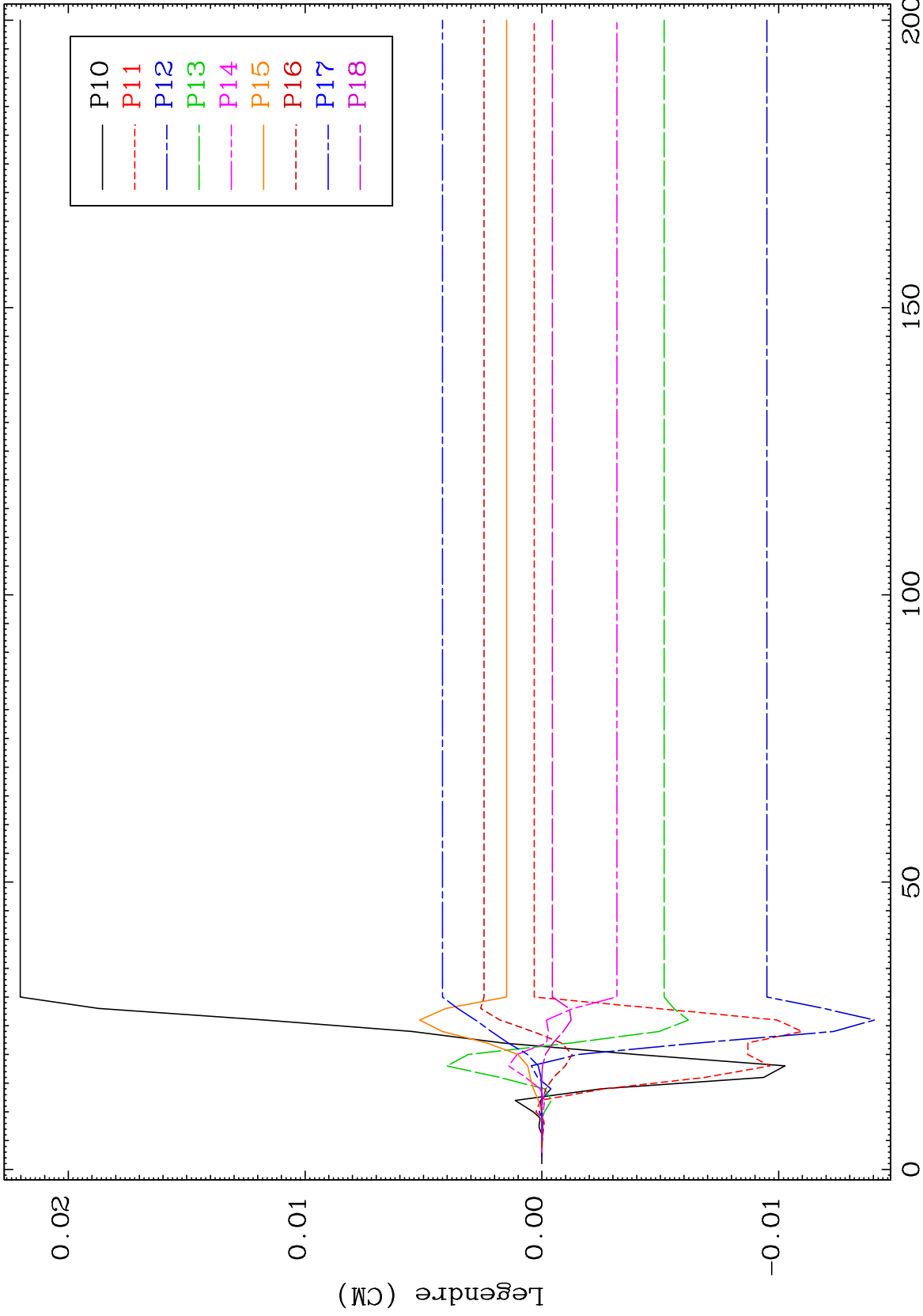
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



69

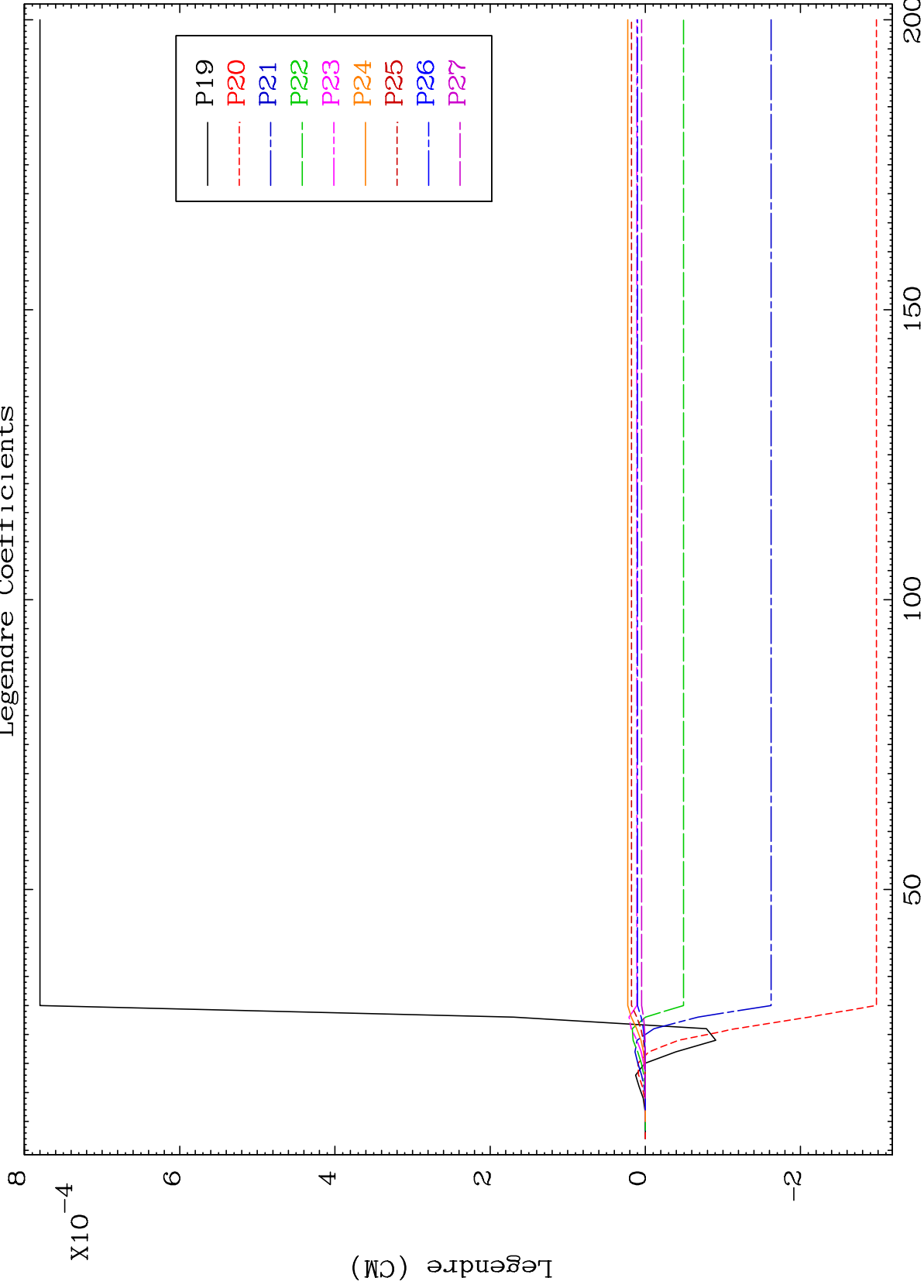
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



70

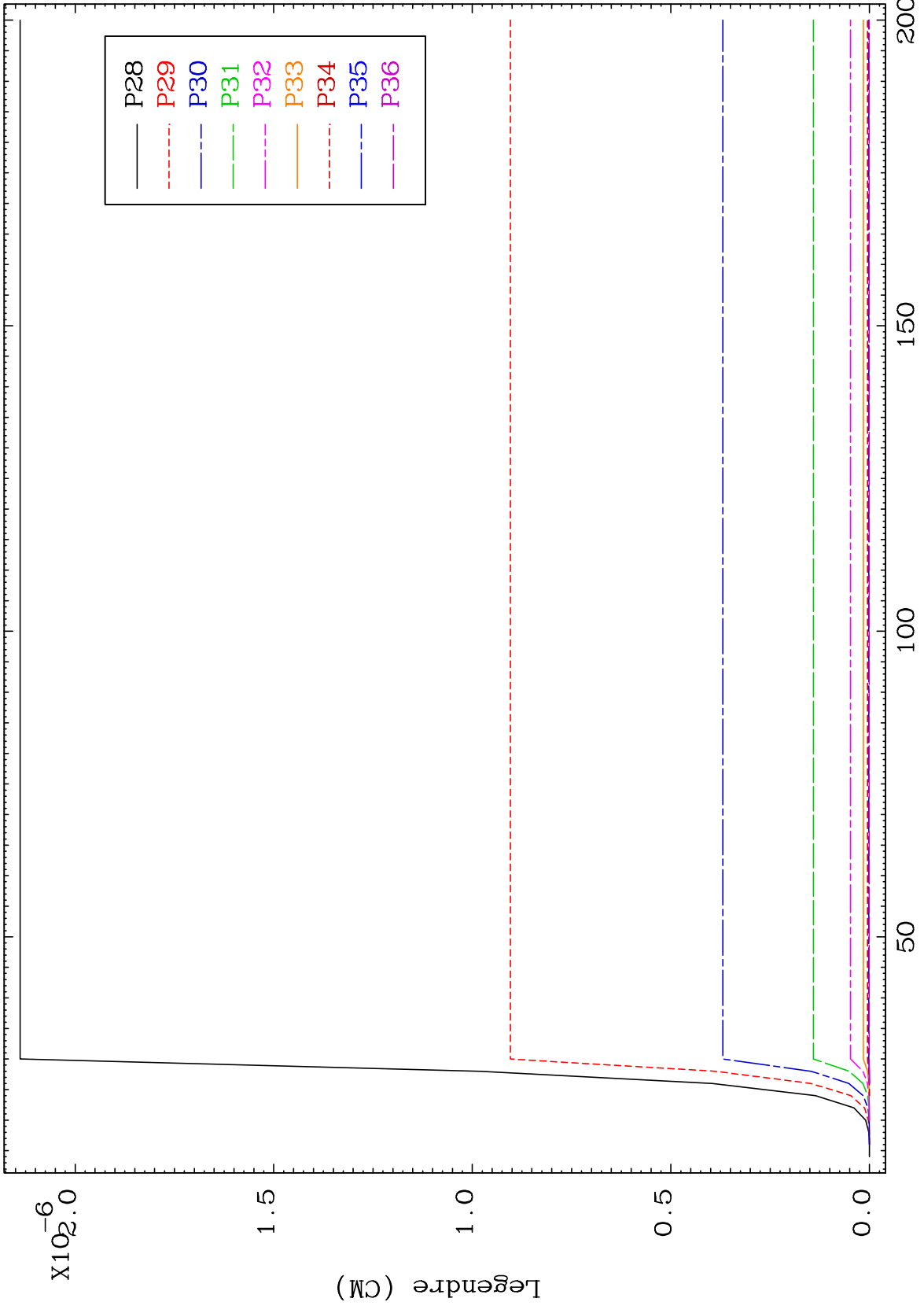
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175

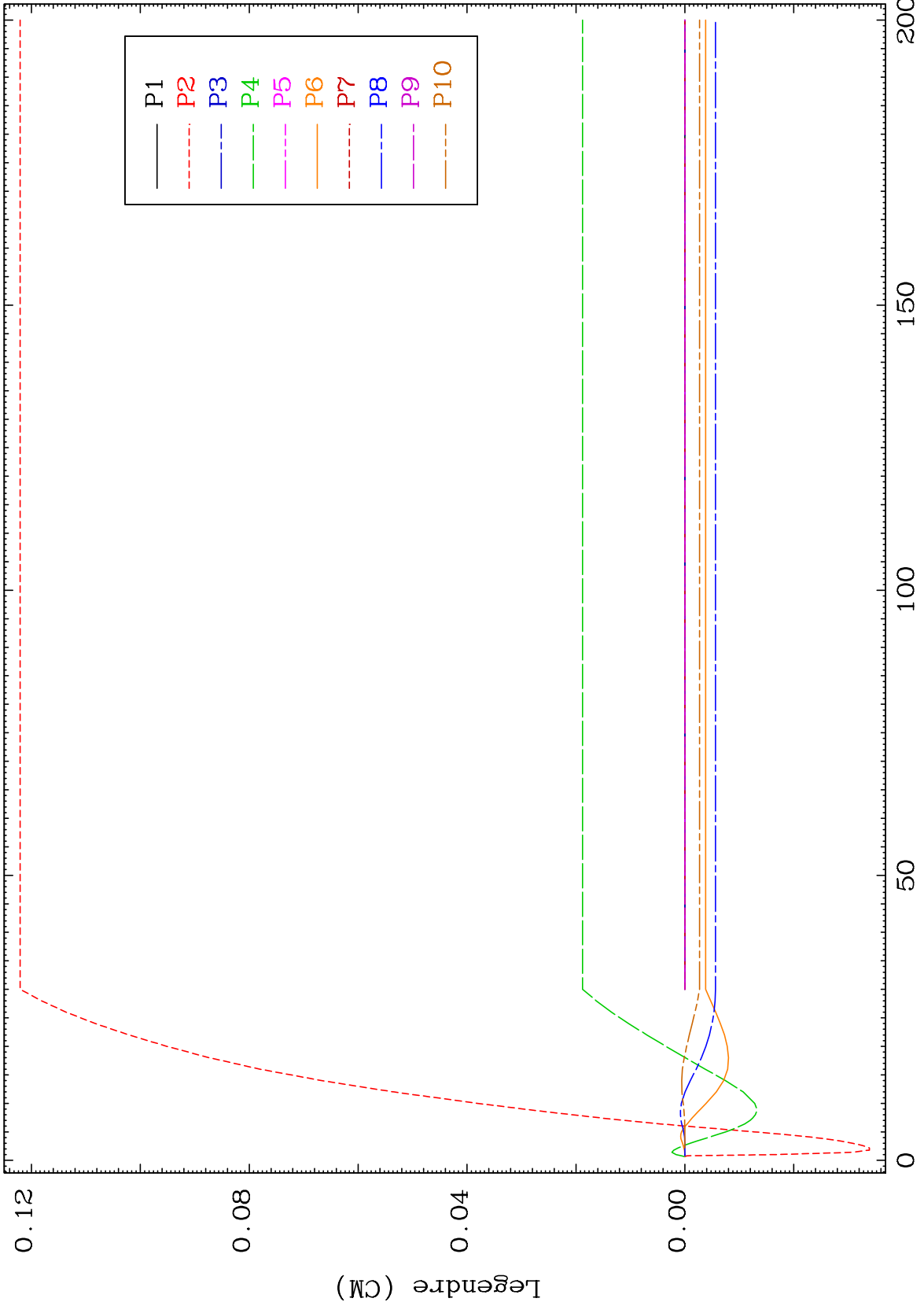


71

Incident Energy (MeV)

71-Lu-175

MAT 7125 MT= 65 (n,n') Level Legendre Coefficients 71-Lu-175

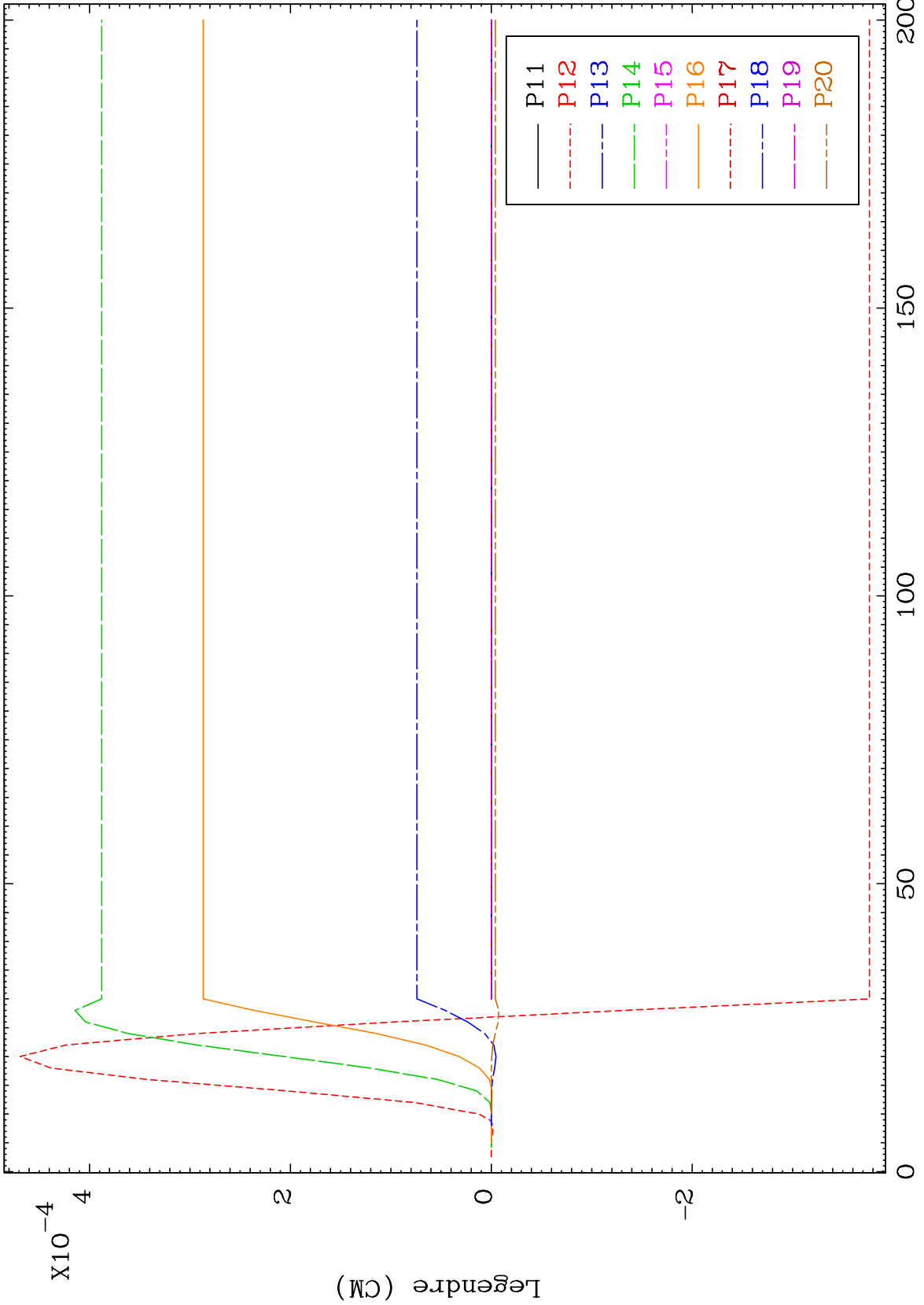


72 71-Lu-175

MAT 7125

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

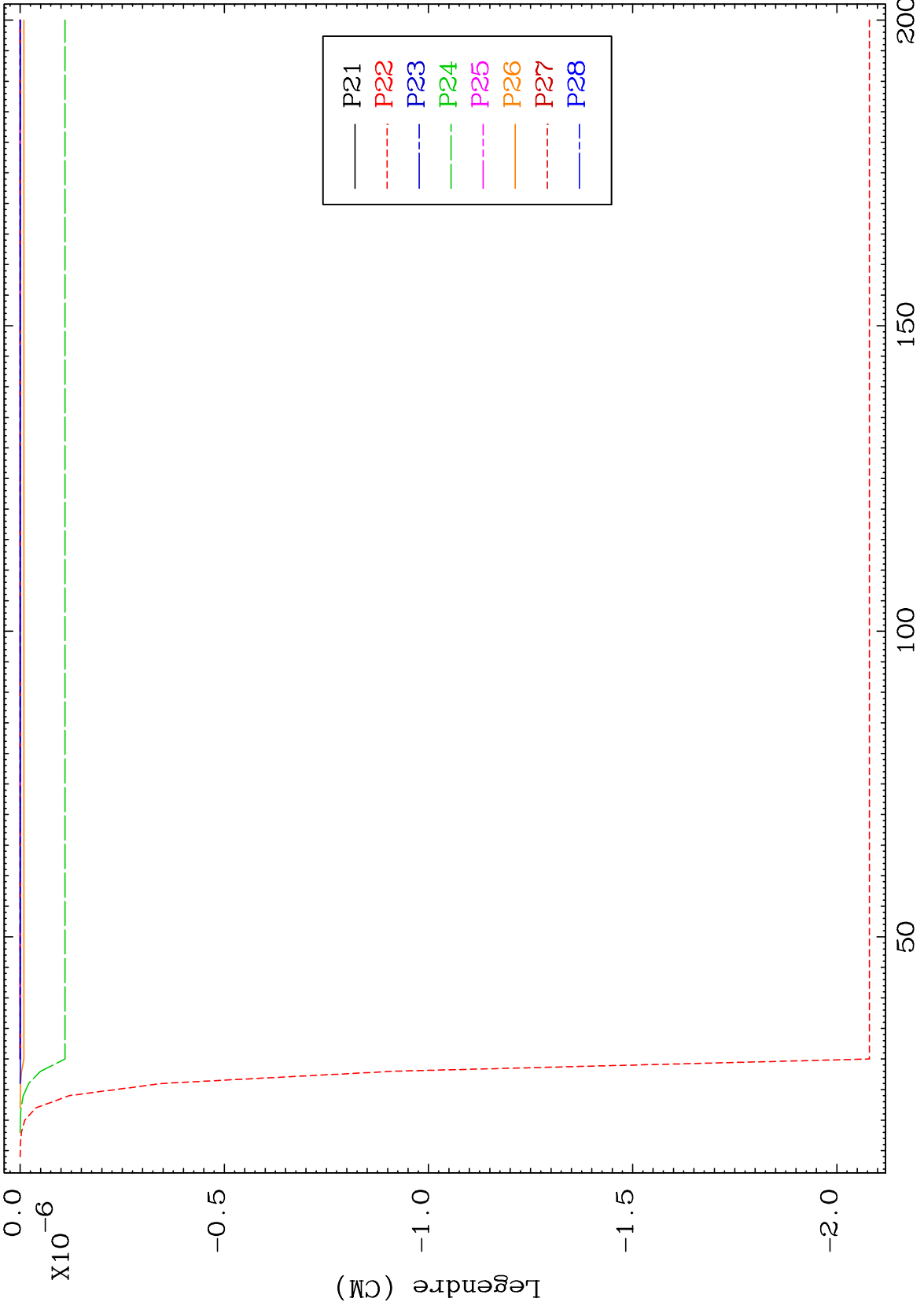
71-Lu-175



73

71-Lu-175

MAT 7125 MT= 65 (n,n') Level Legendre Coefficients 71-Lu-175

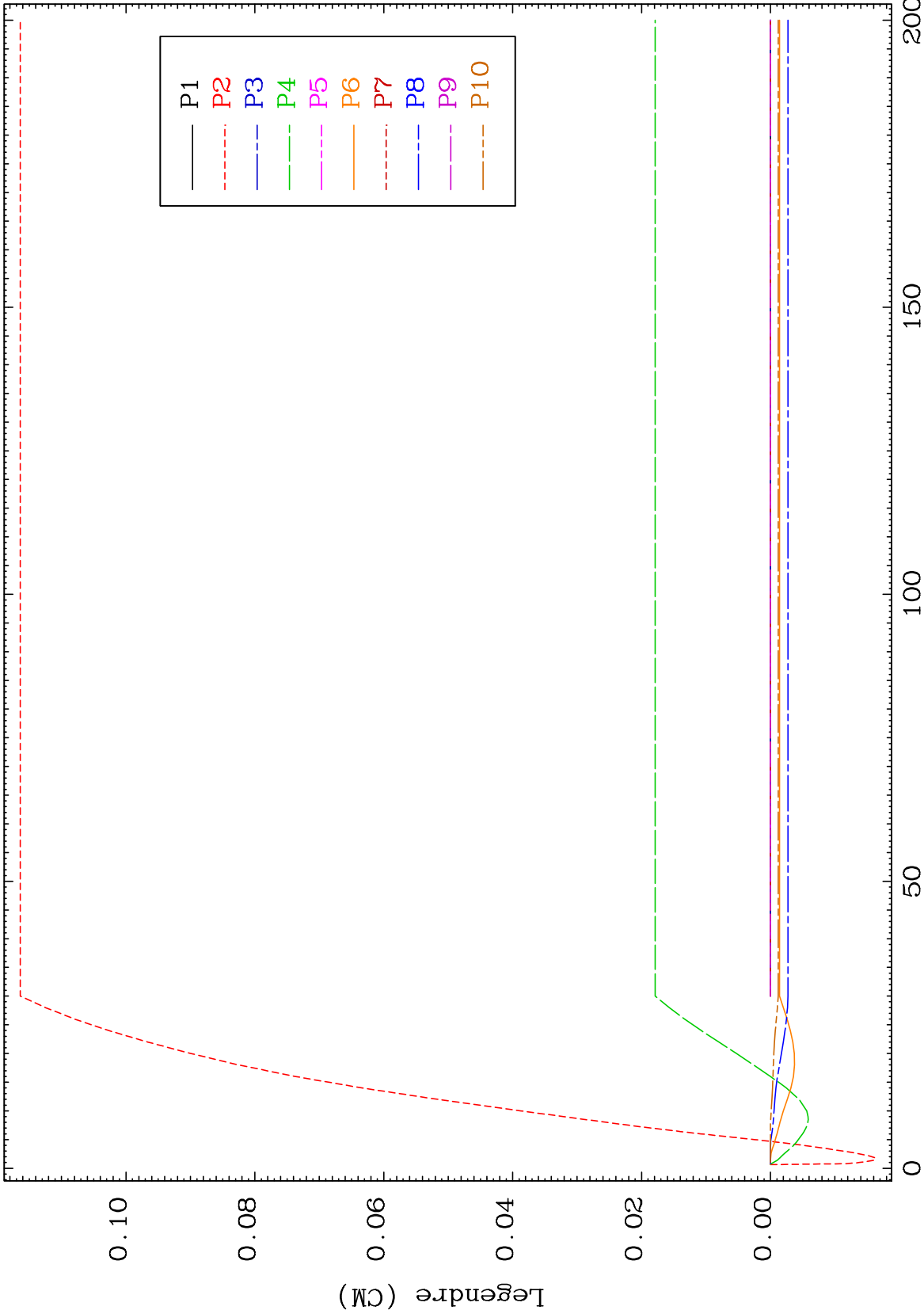


74 71-Lu-175

MAT 7125

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

71-Lu-175



75

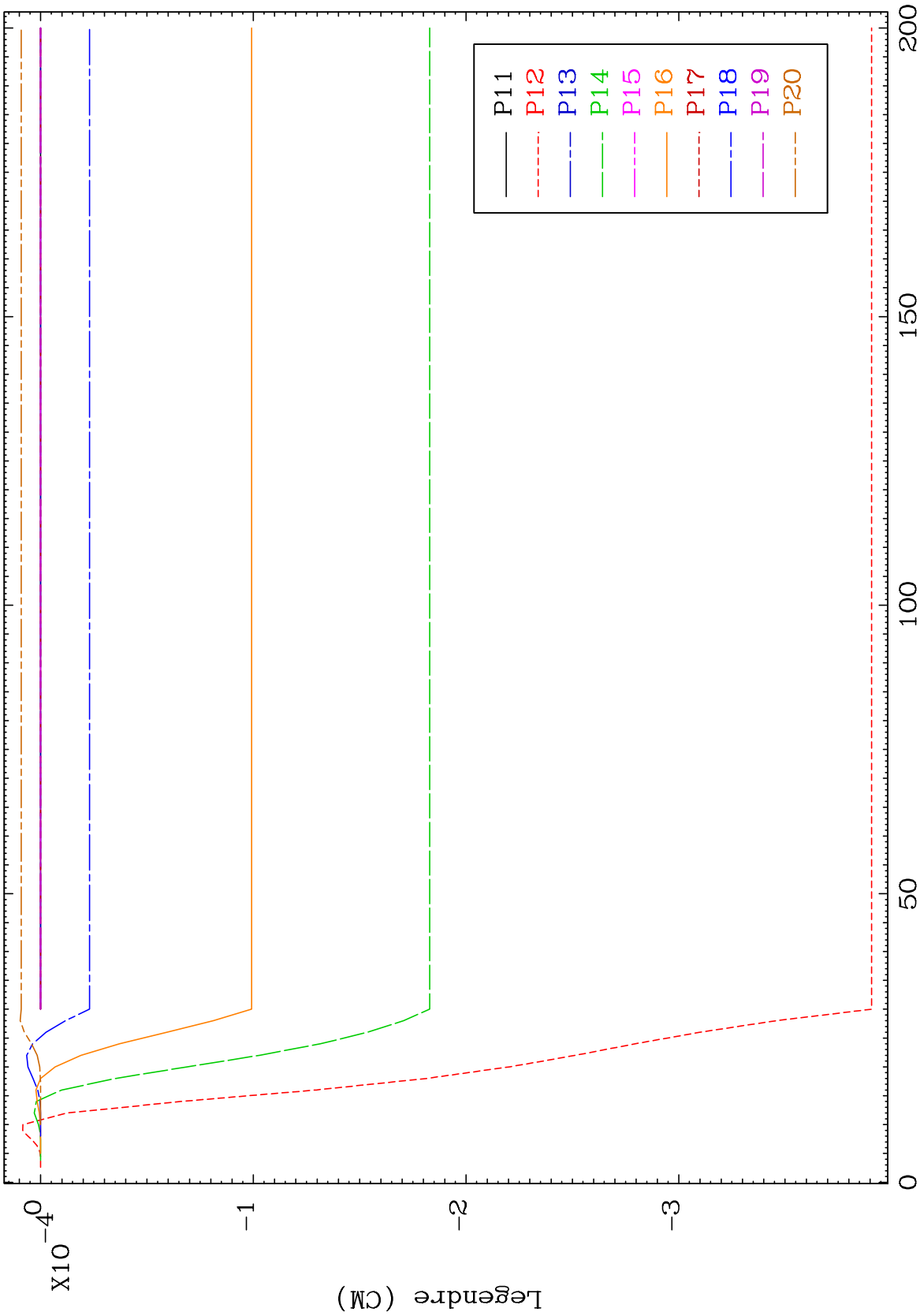
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



76

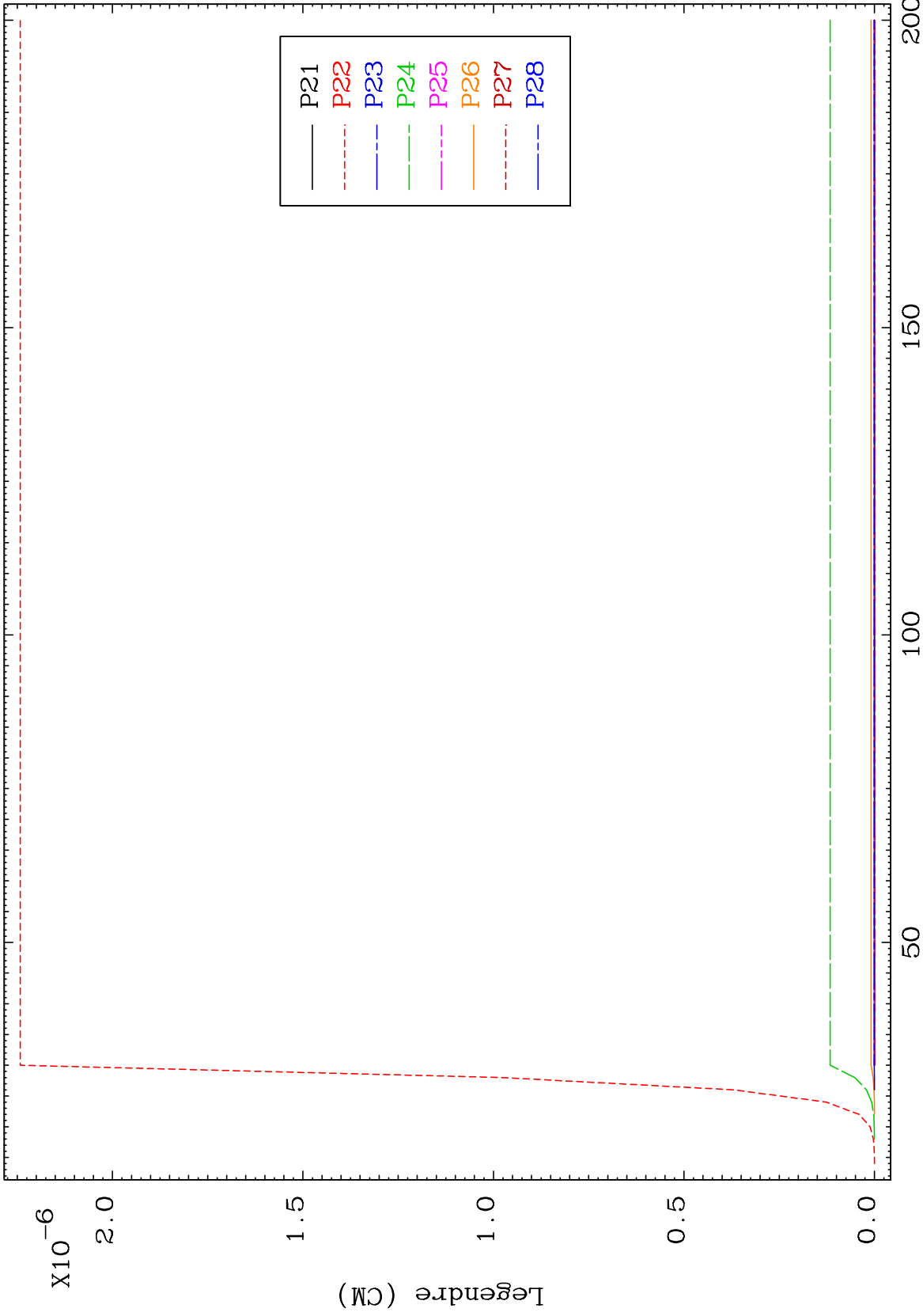
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175

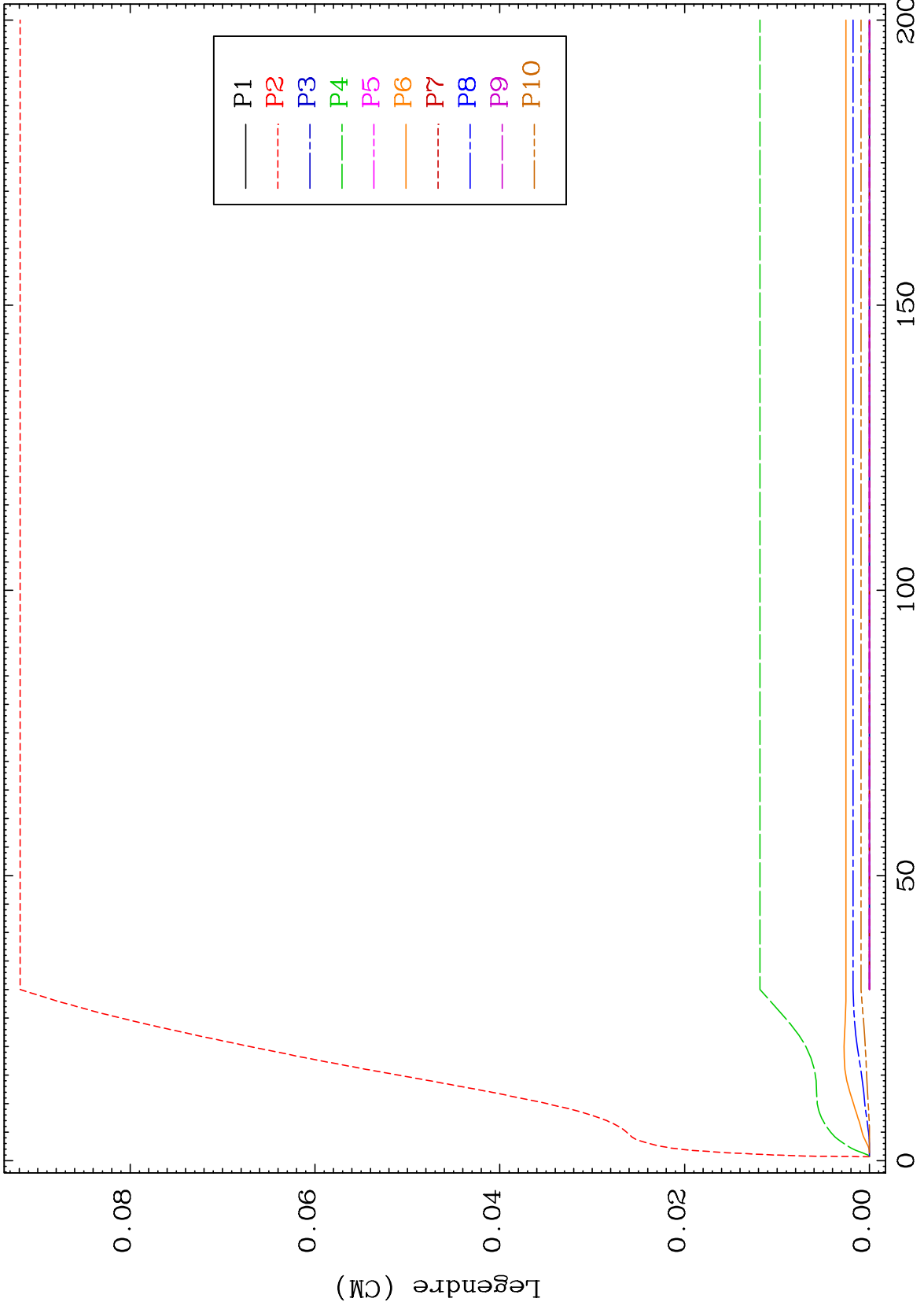


77

Incident Energy (MeV)

71-Lu-175

MAT 7125 MT= 67 (n,n') Level Legendre Coefficients 71-Lu-175

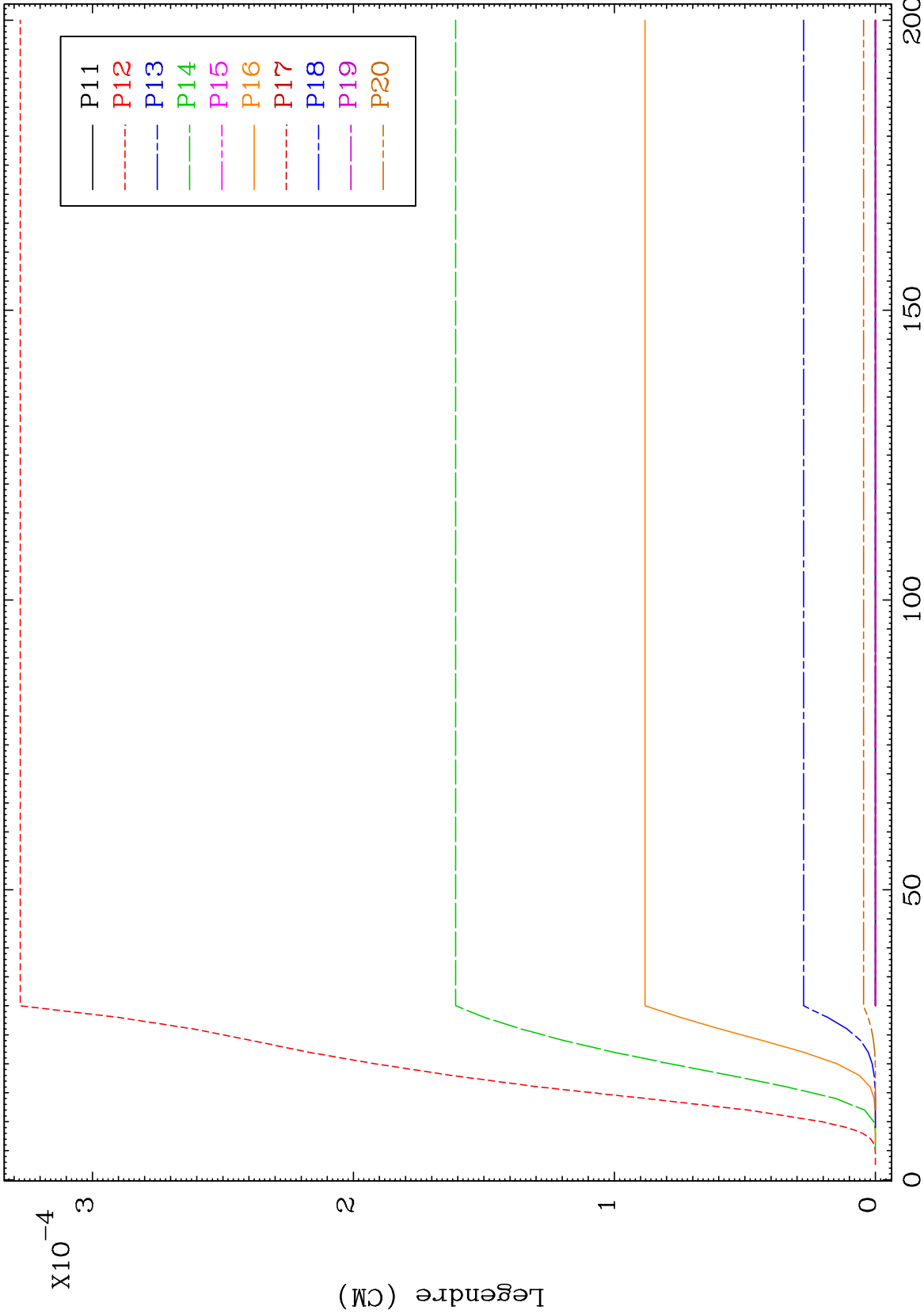


78 71-Lu-175

MAT 7125

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

71-Lu-175



79

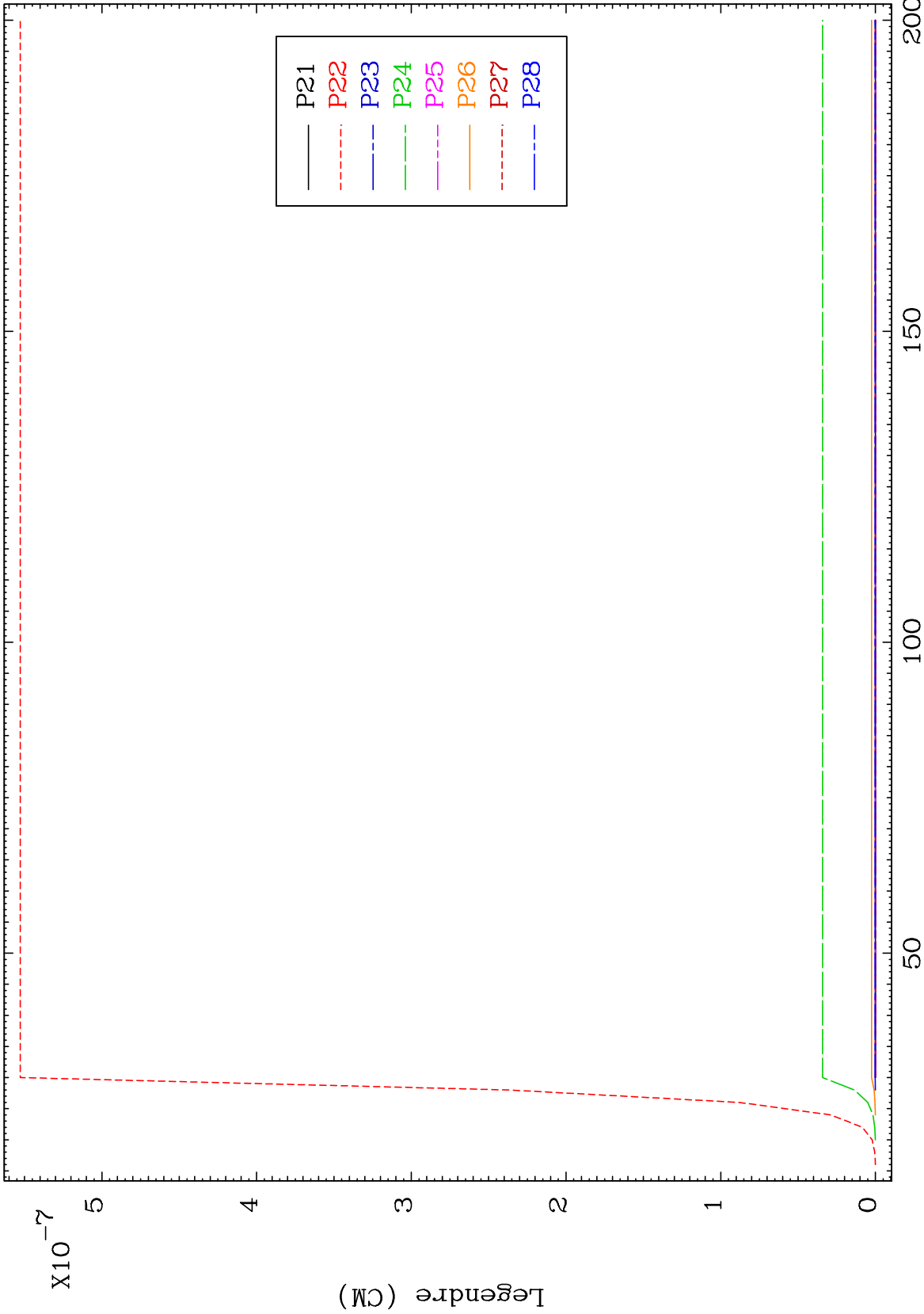
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



80

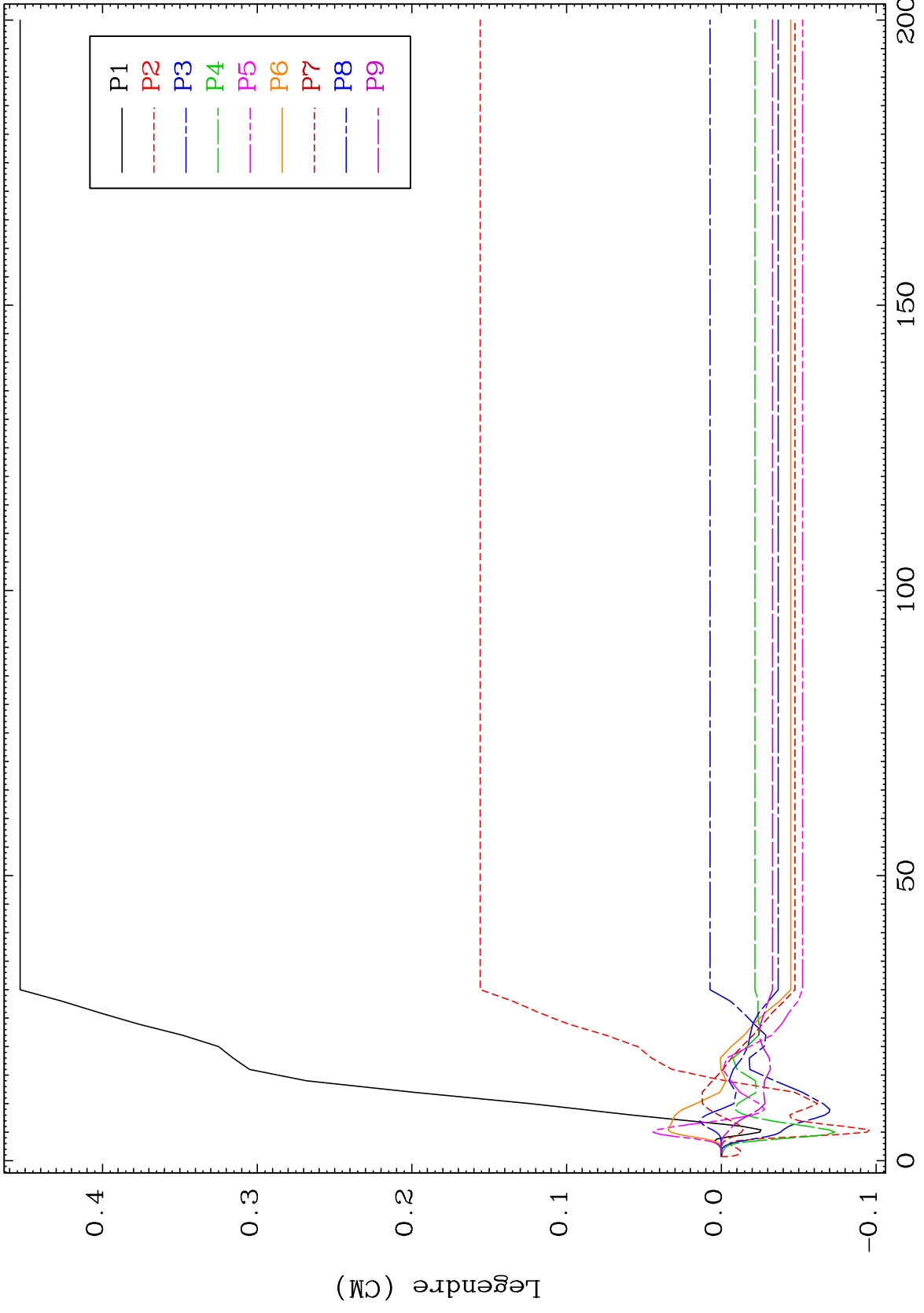
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



81

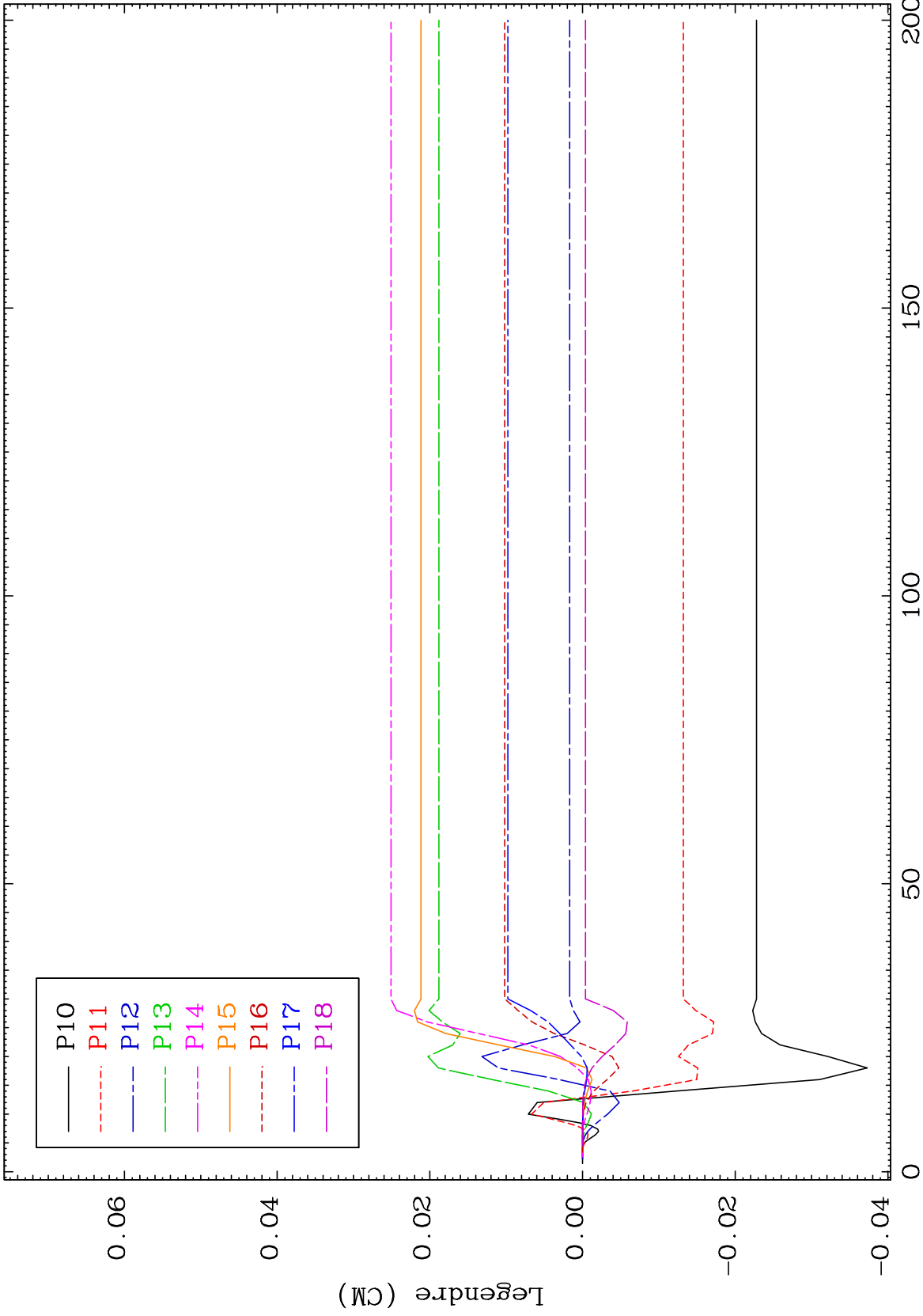
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



82

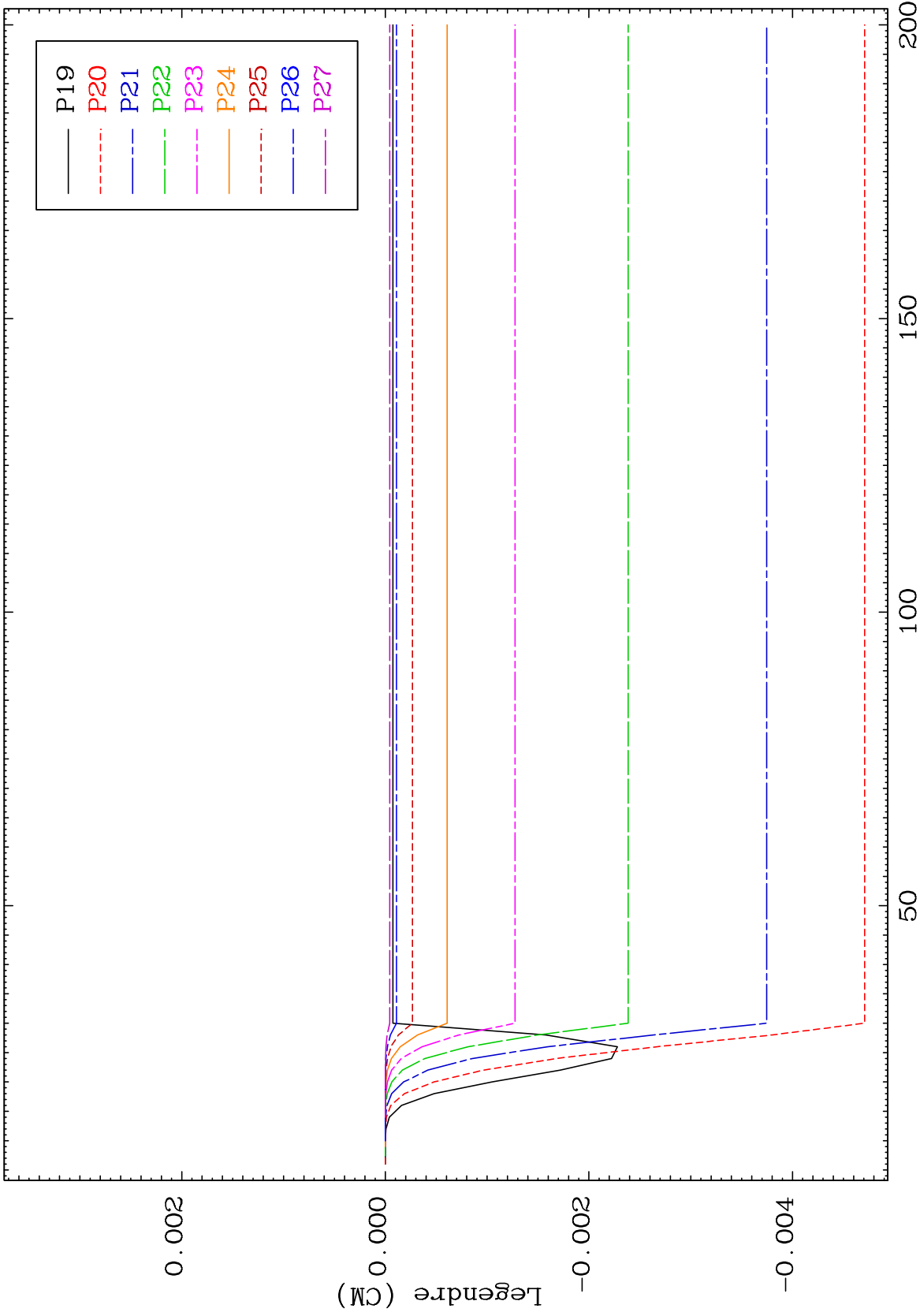
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



83

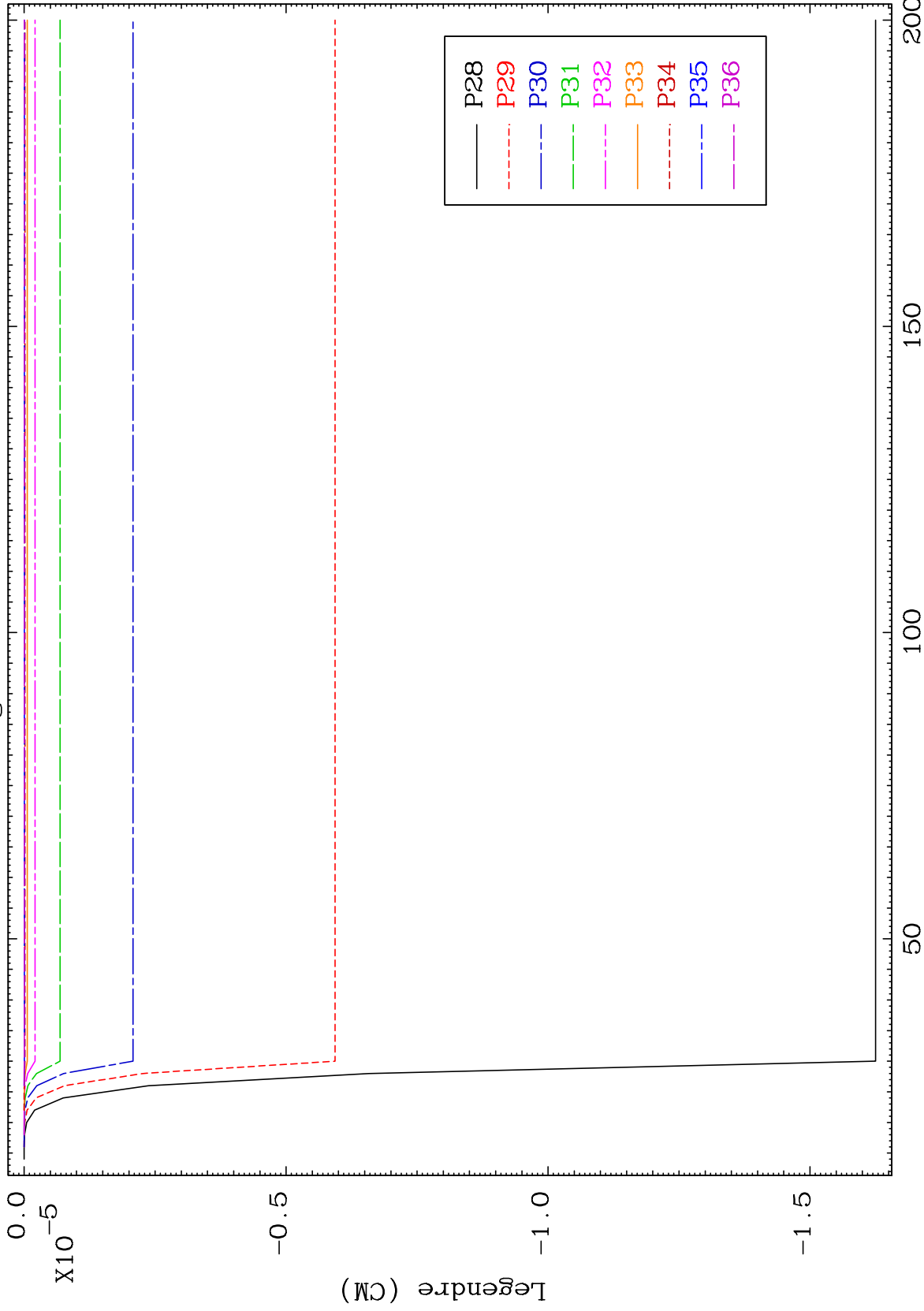
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



84

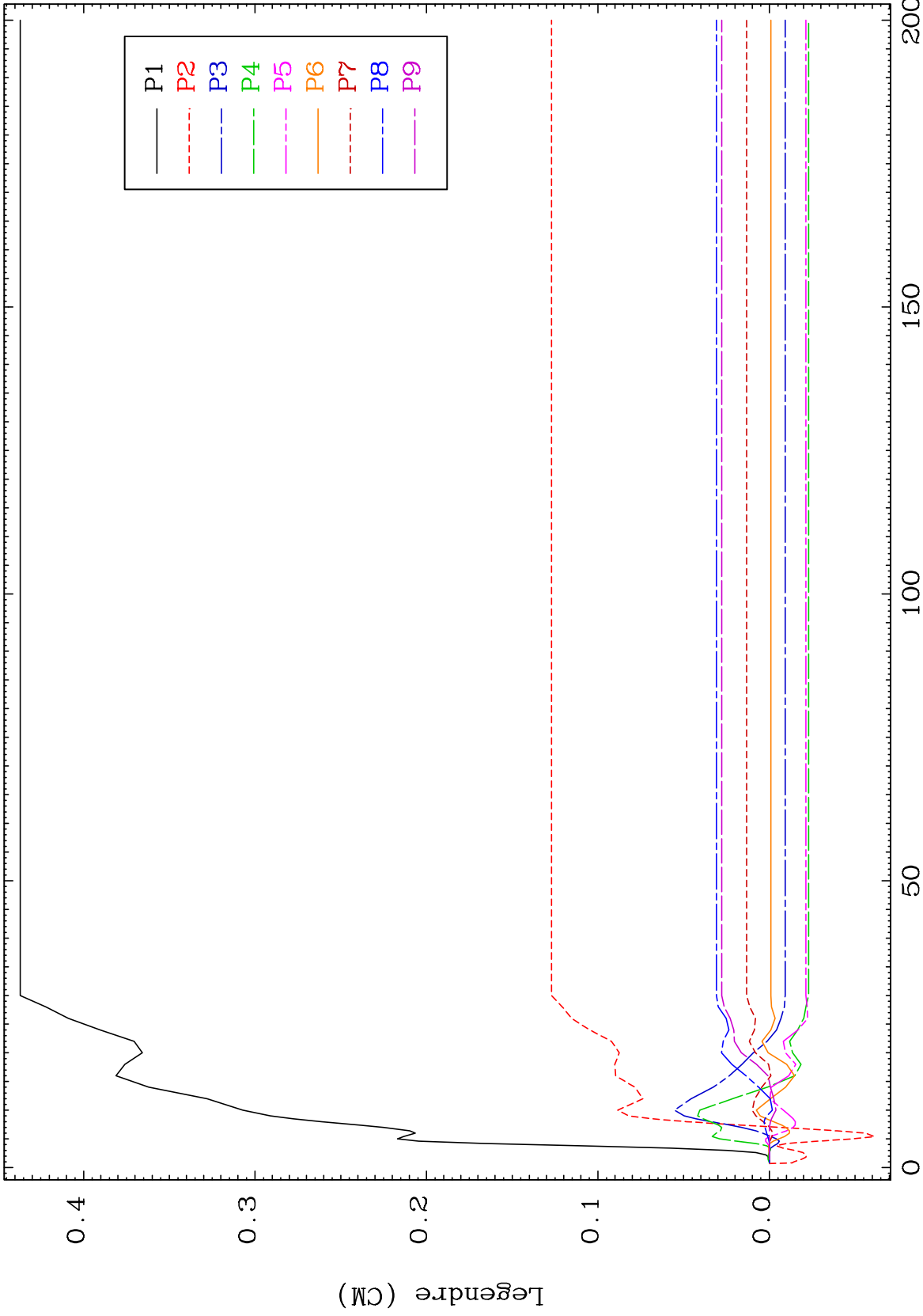
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



85

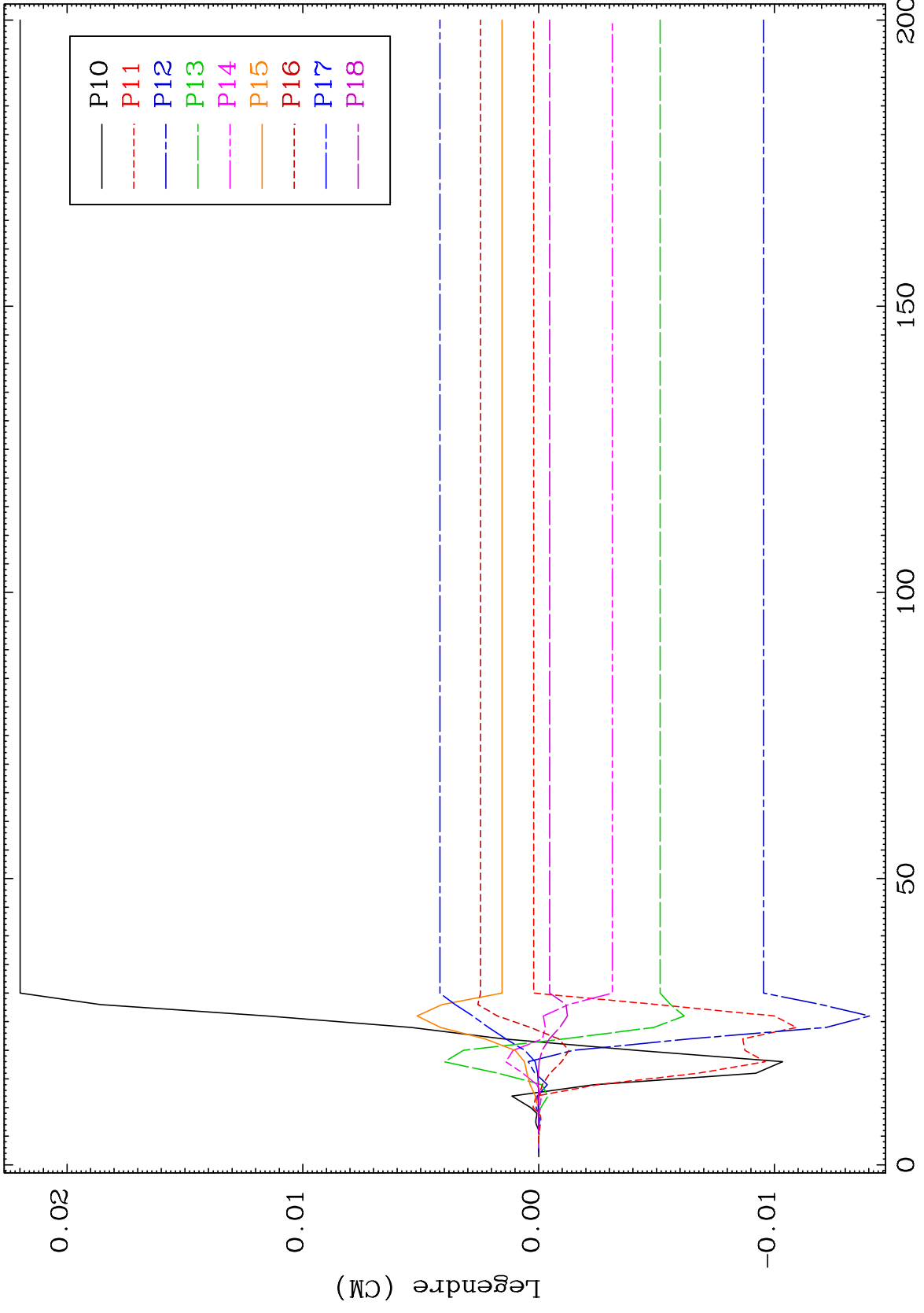
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



86

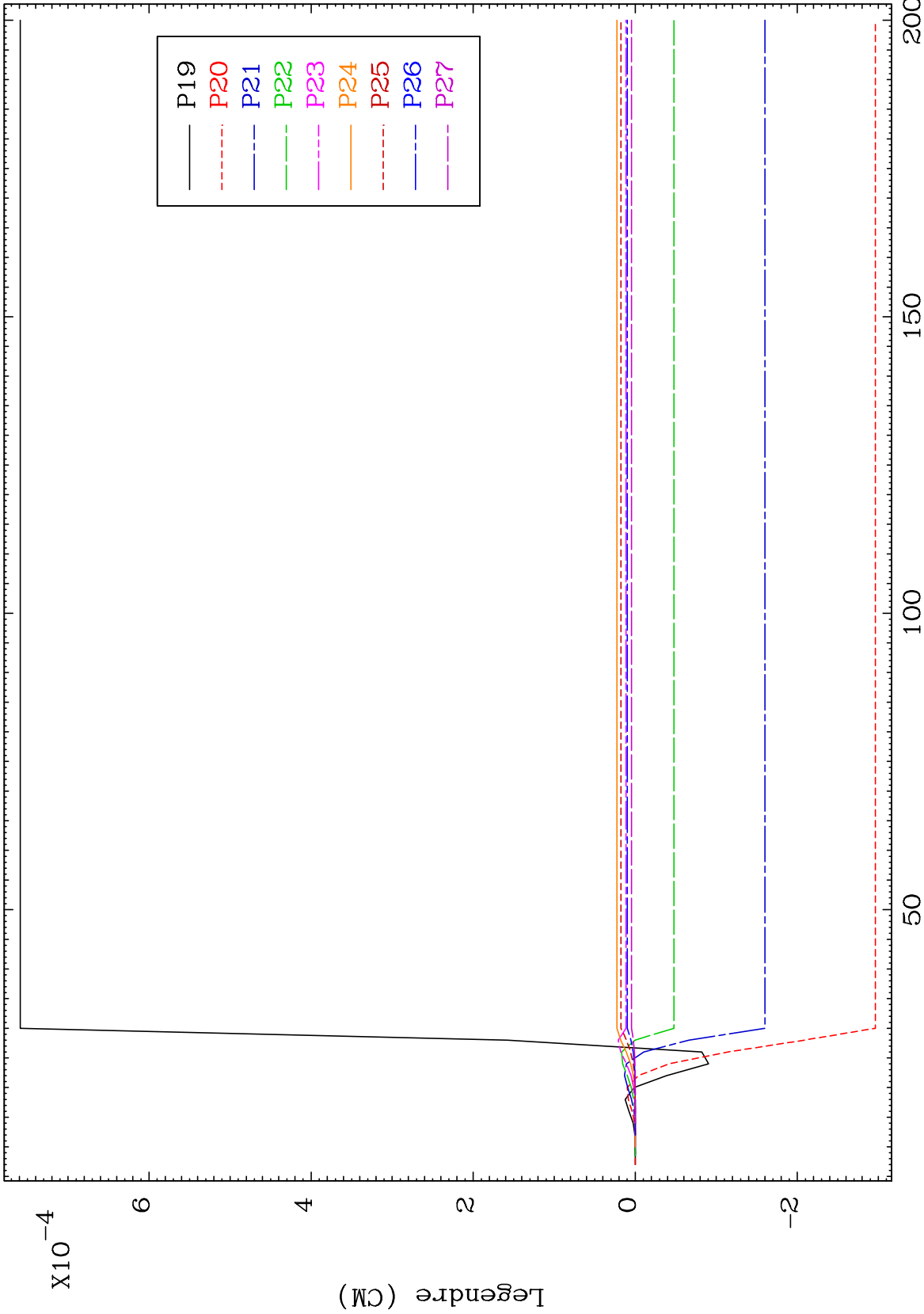
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



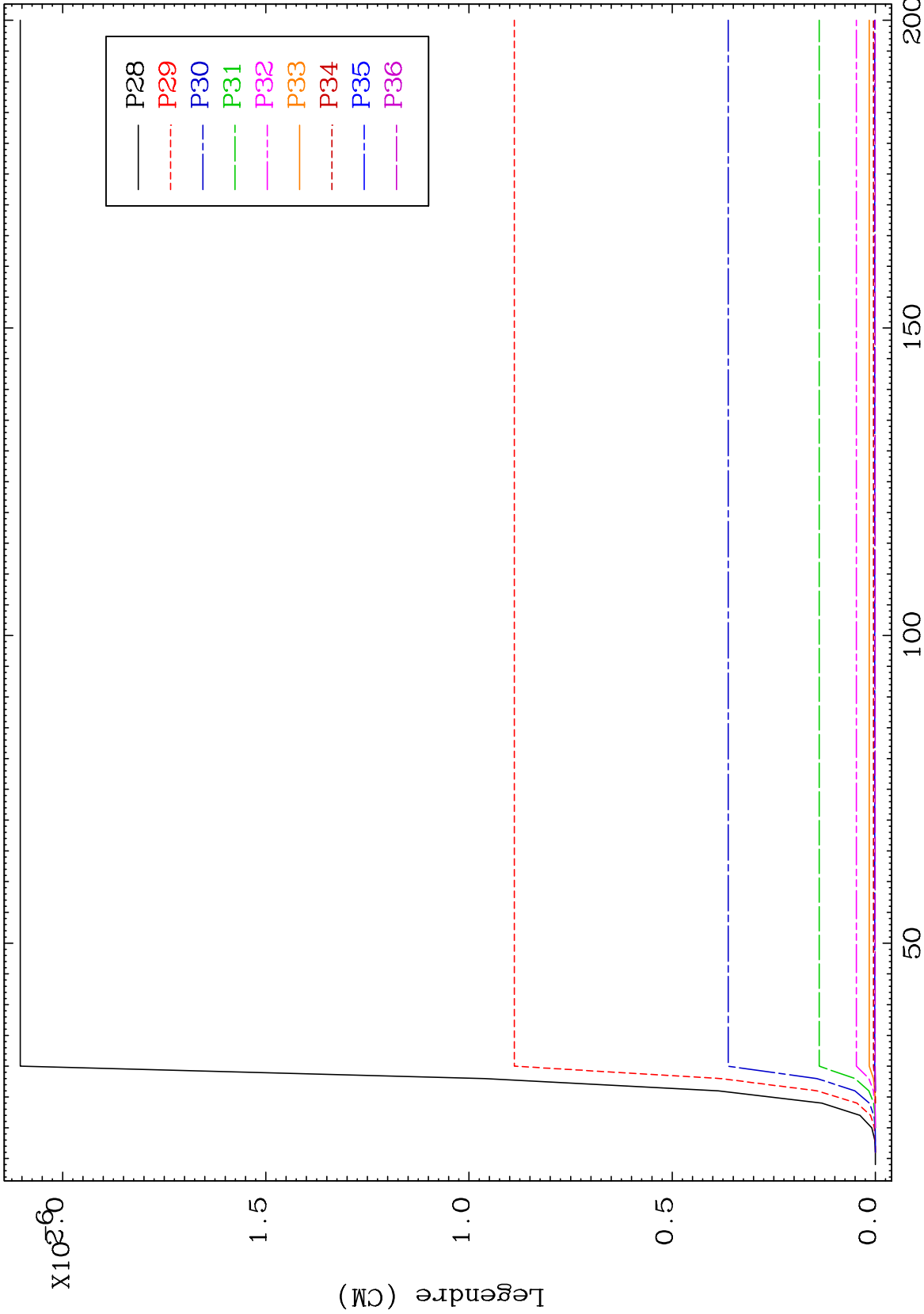
87

71-Lu-175

MAT 7125

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

71-Lu-175



88

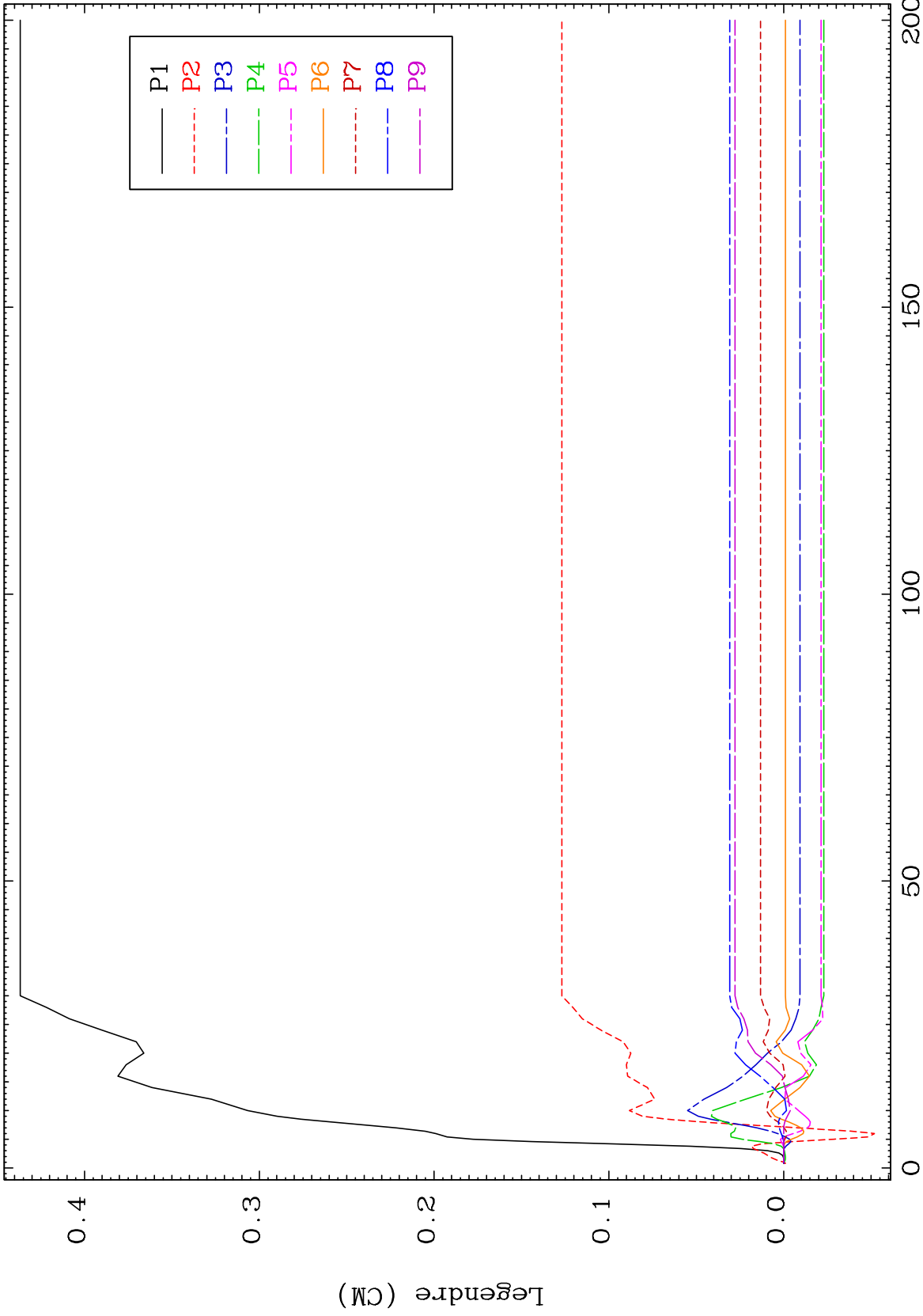
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



89

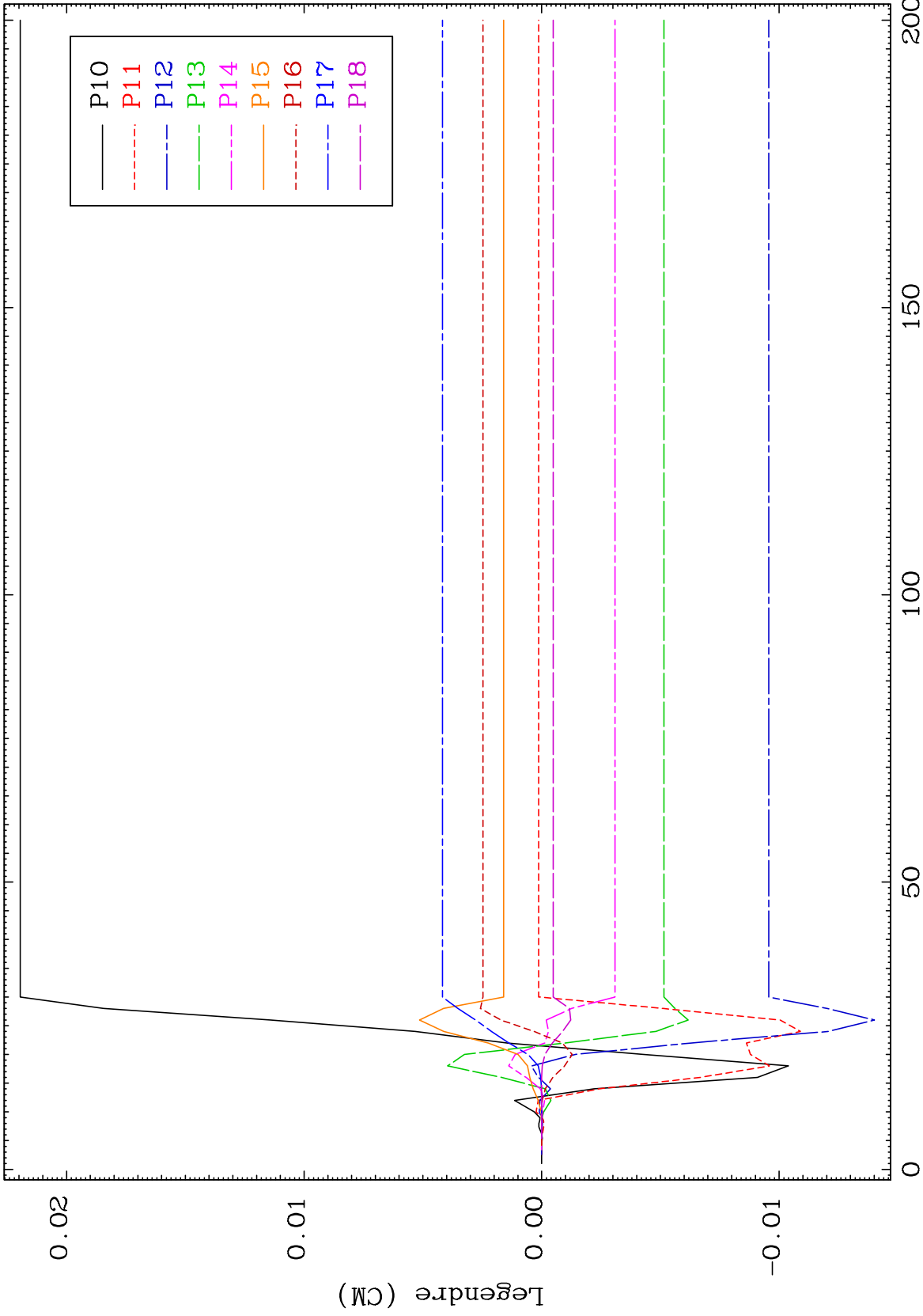
71-Lu-175

200

MAT 7125

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

71-Lu-175



0

50

100

150

200

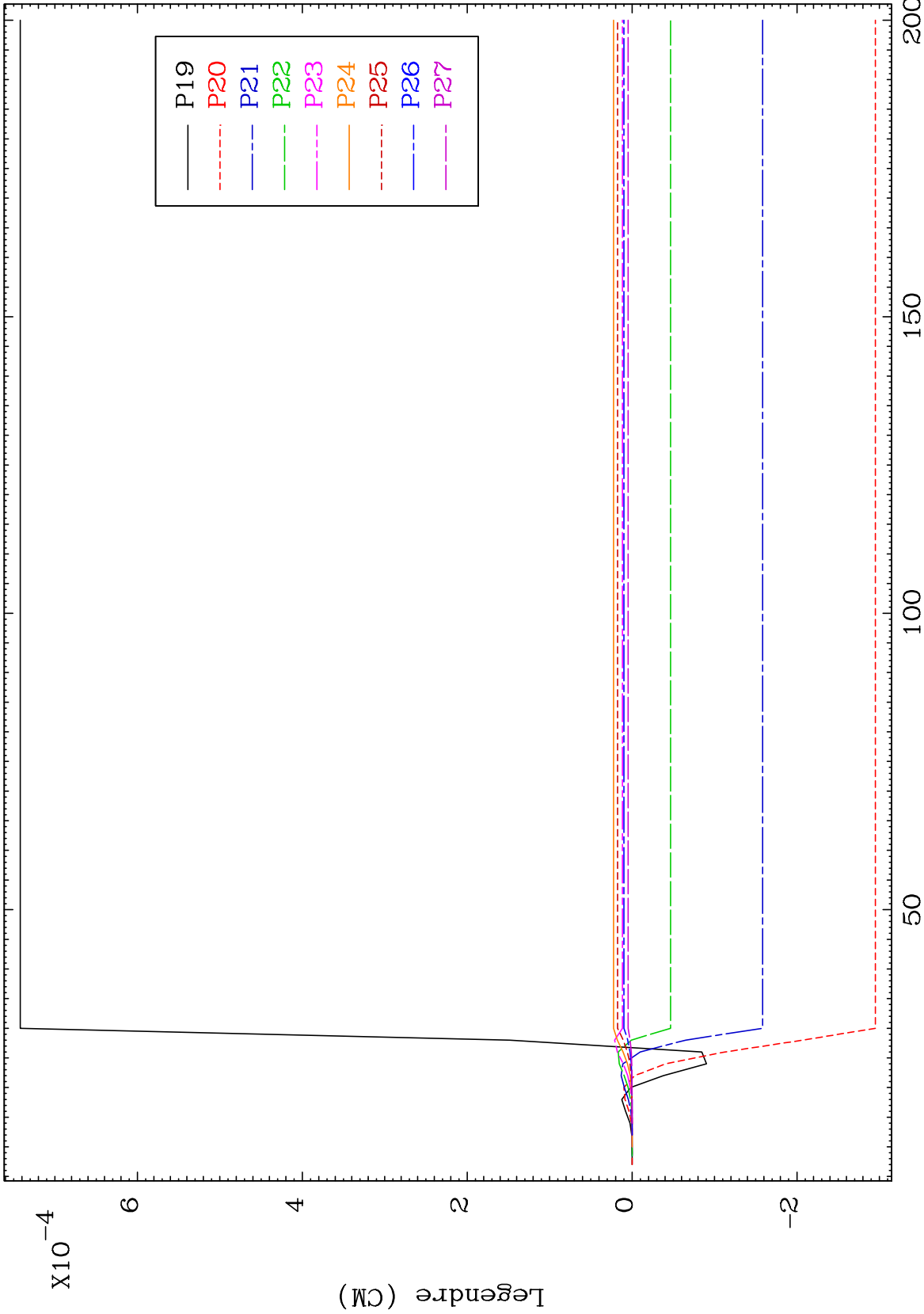
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



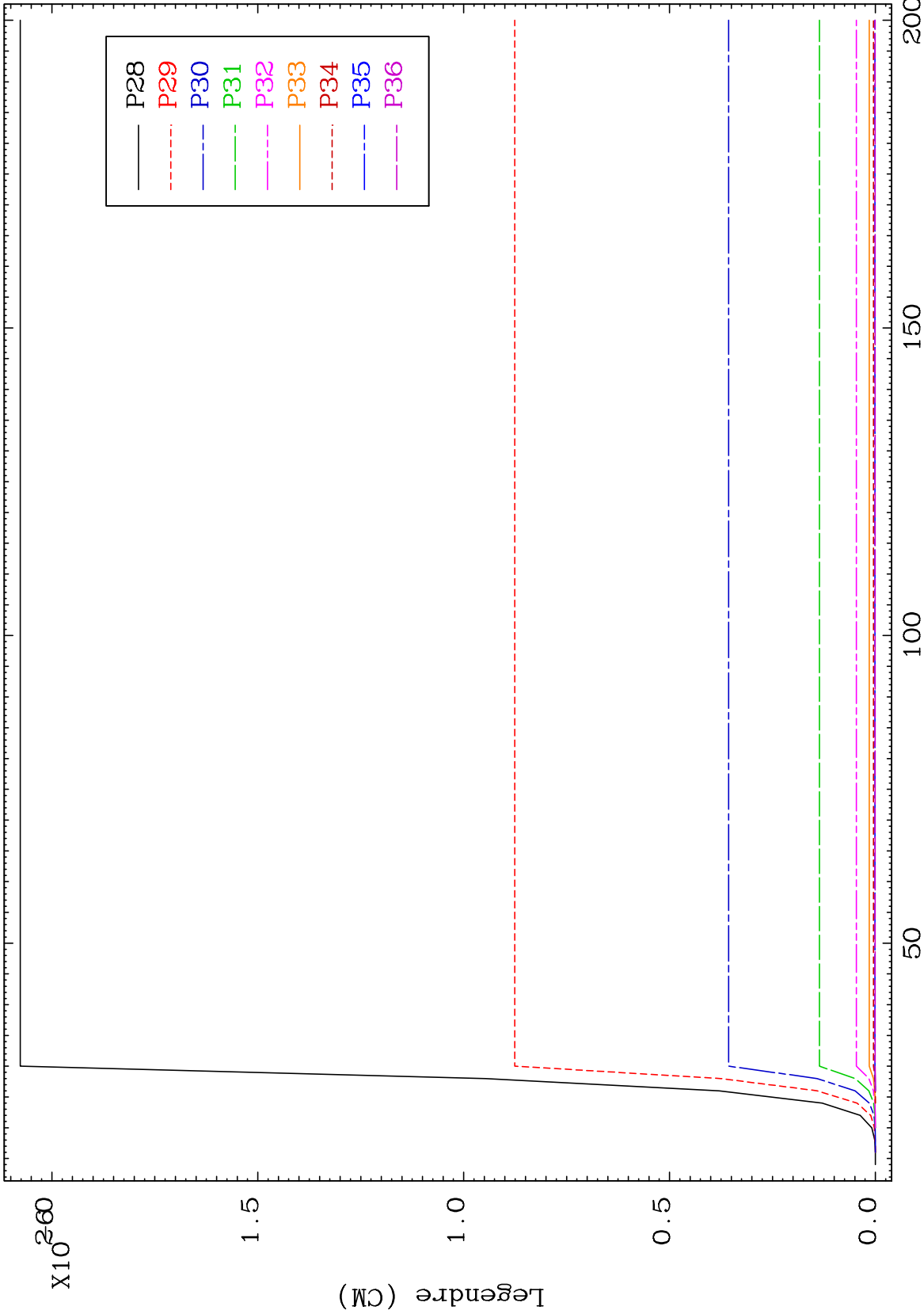
91

71-Lu-175

MAT 7125

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

71-Lu-175



92

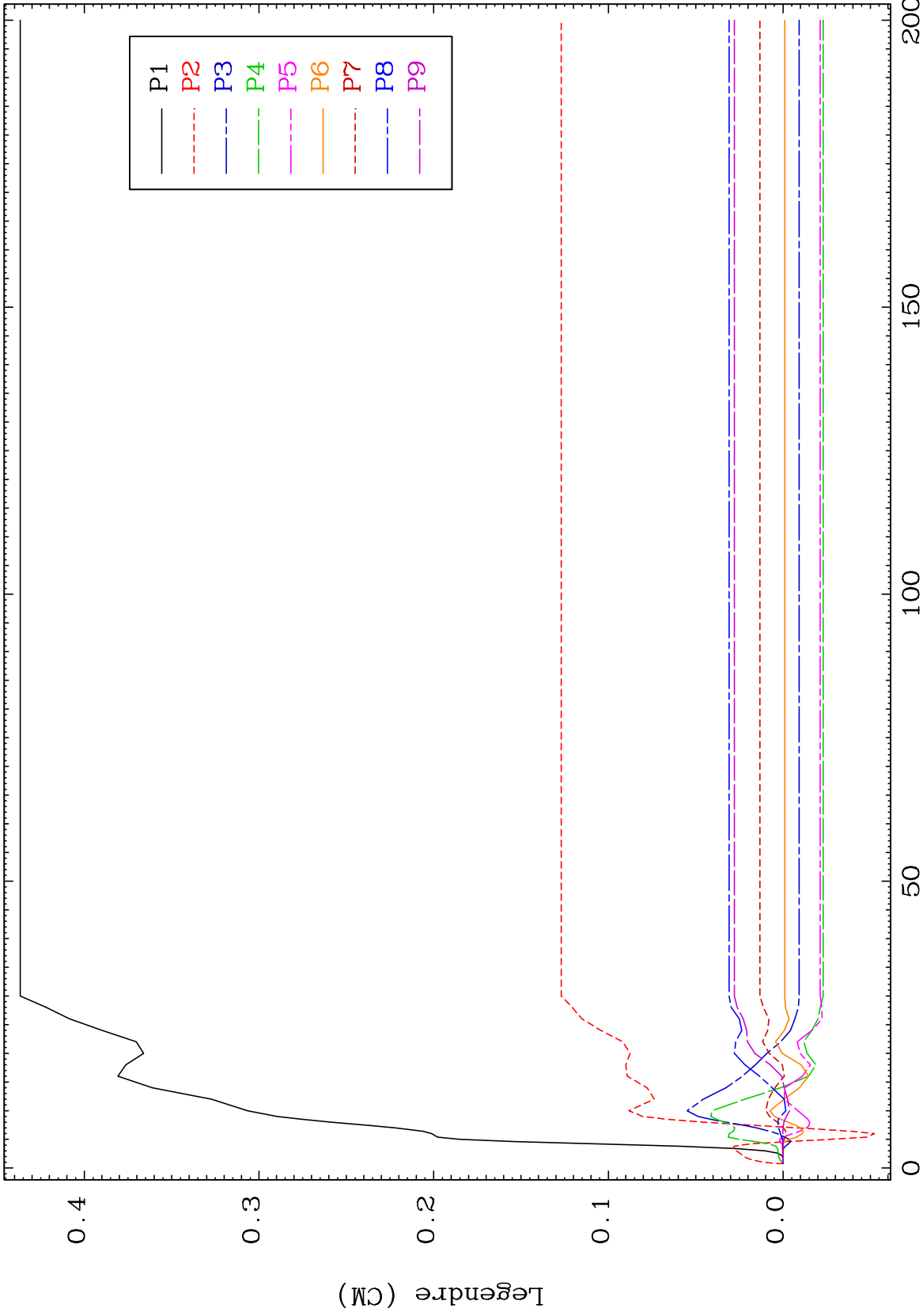
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



93

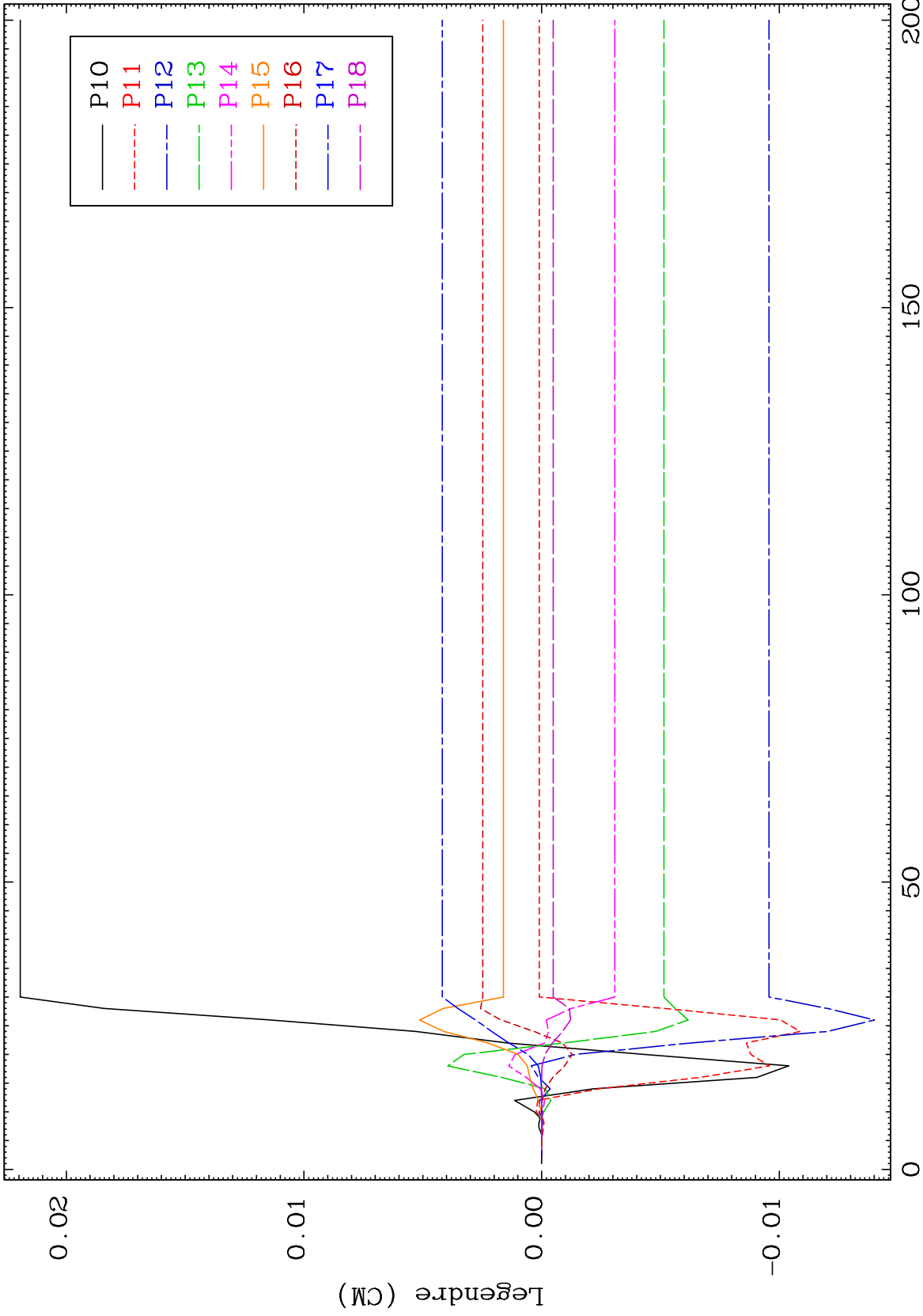
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



94

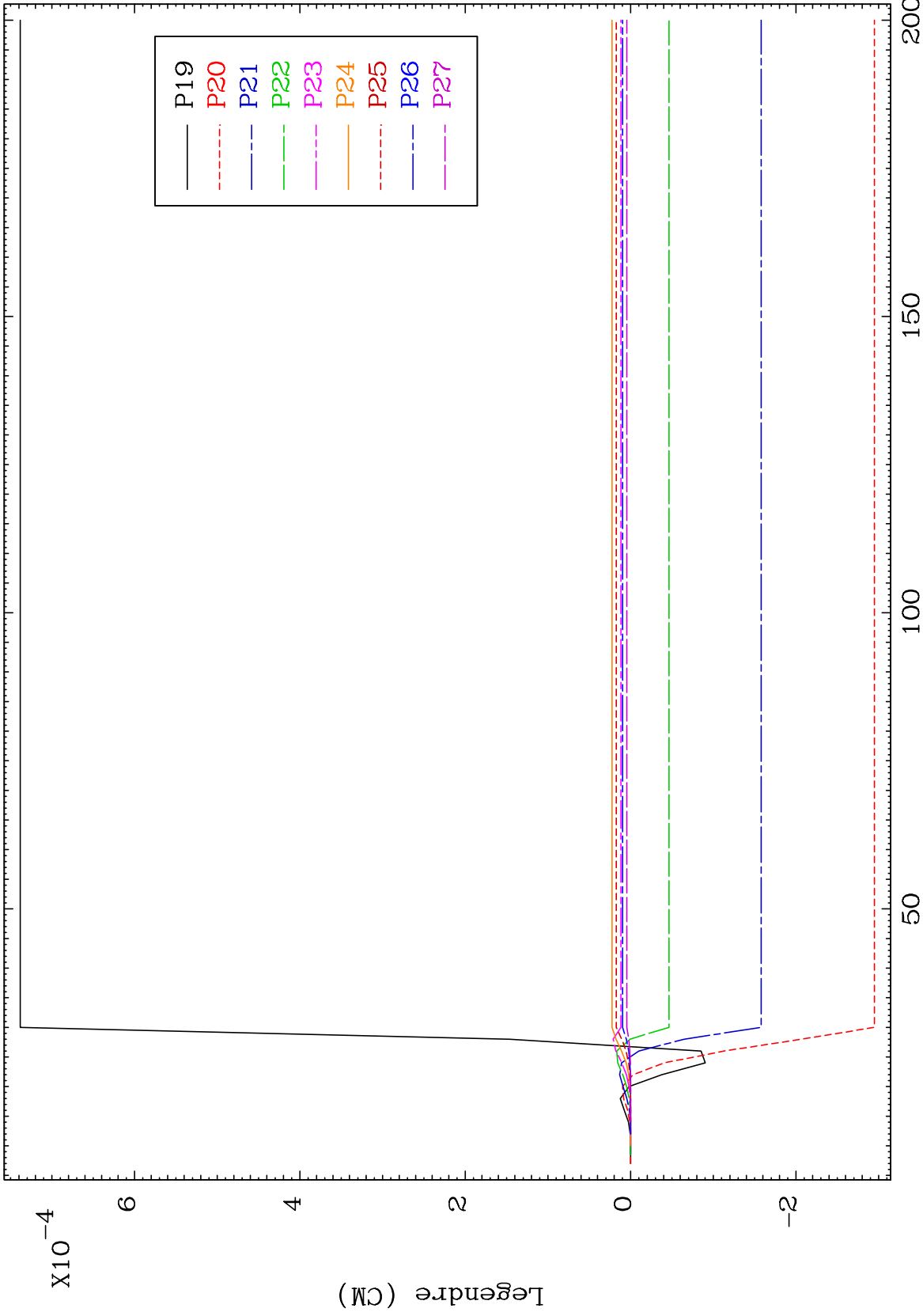
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



95

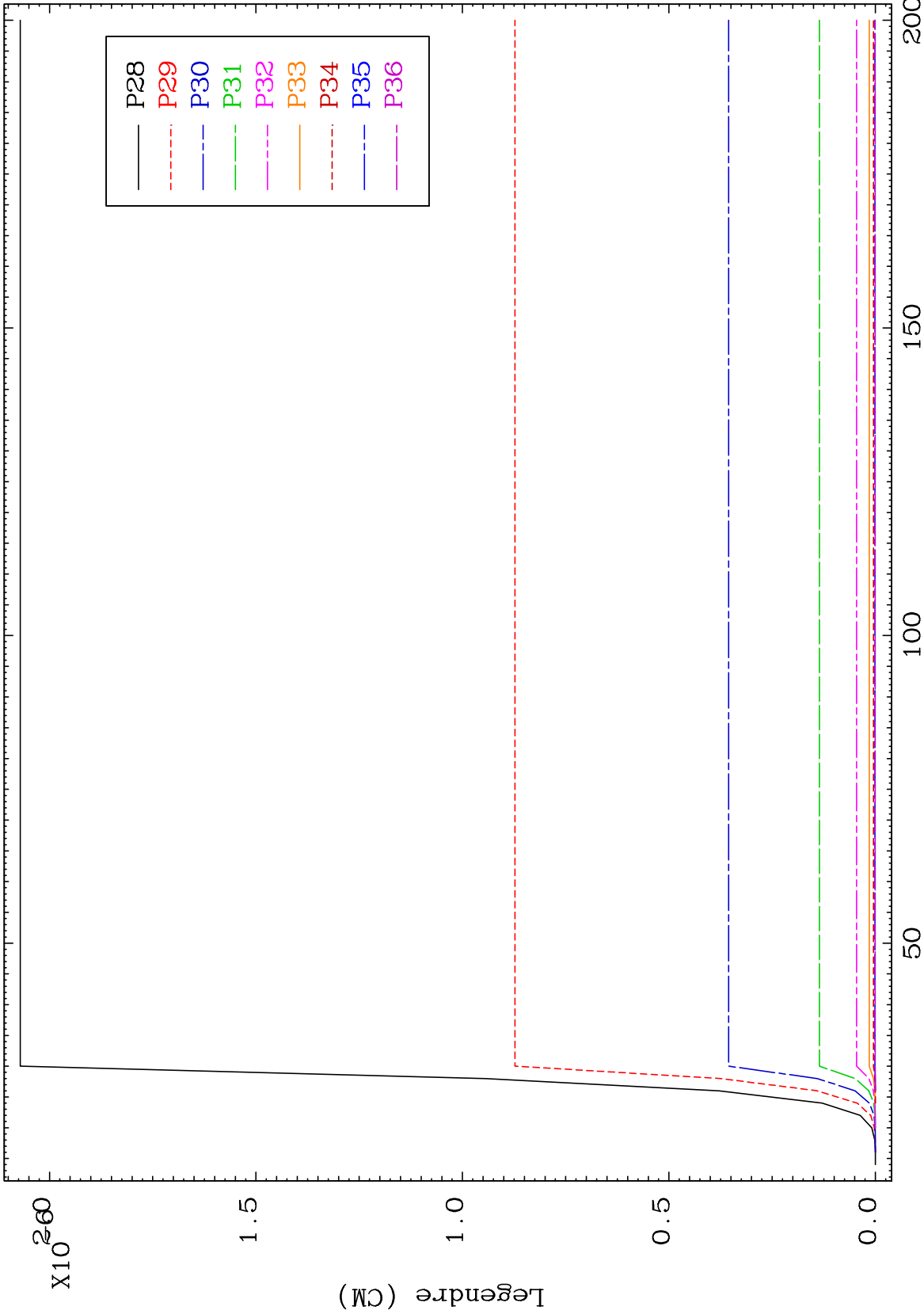
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



96

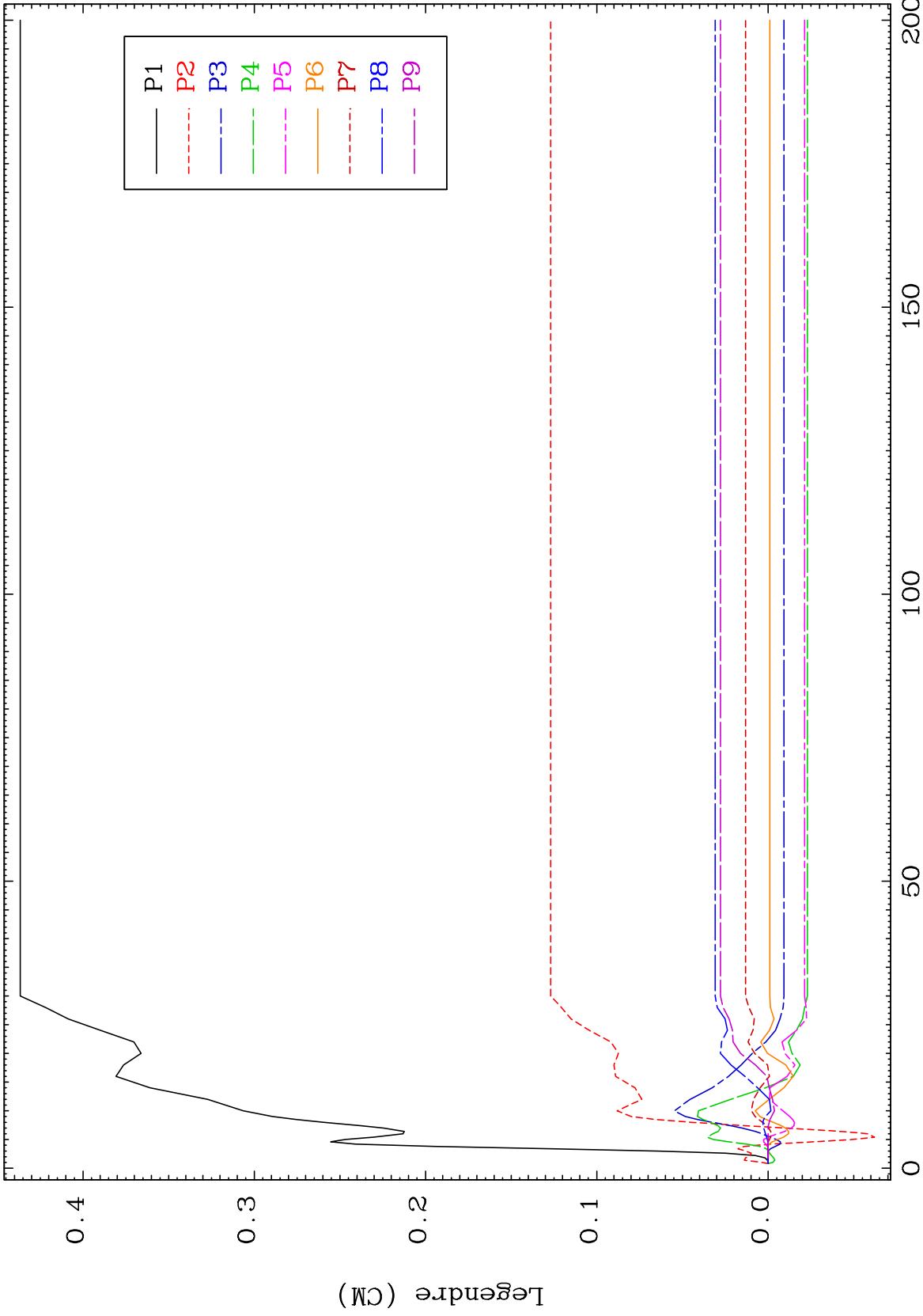
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



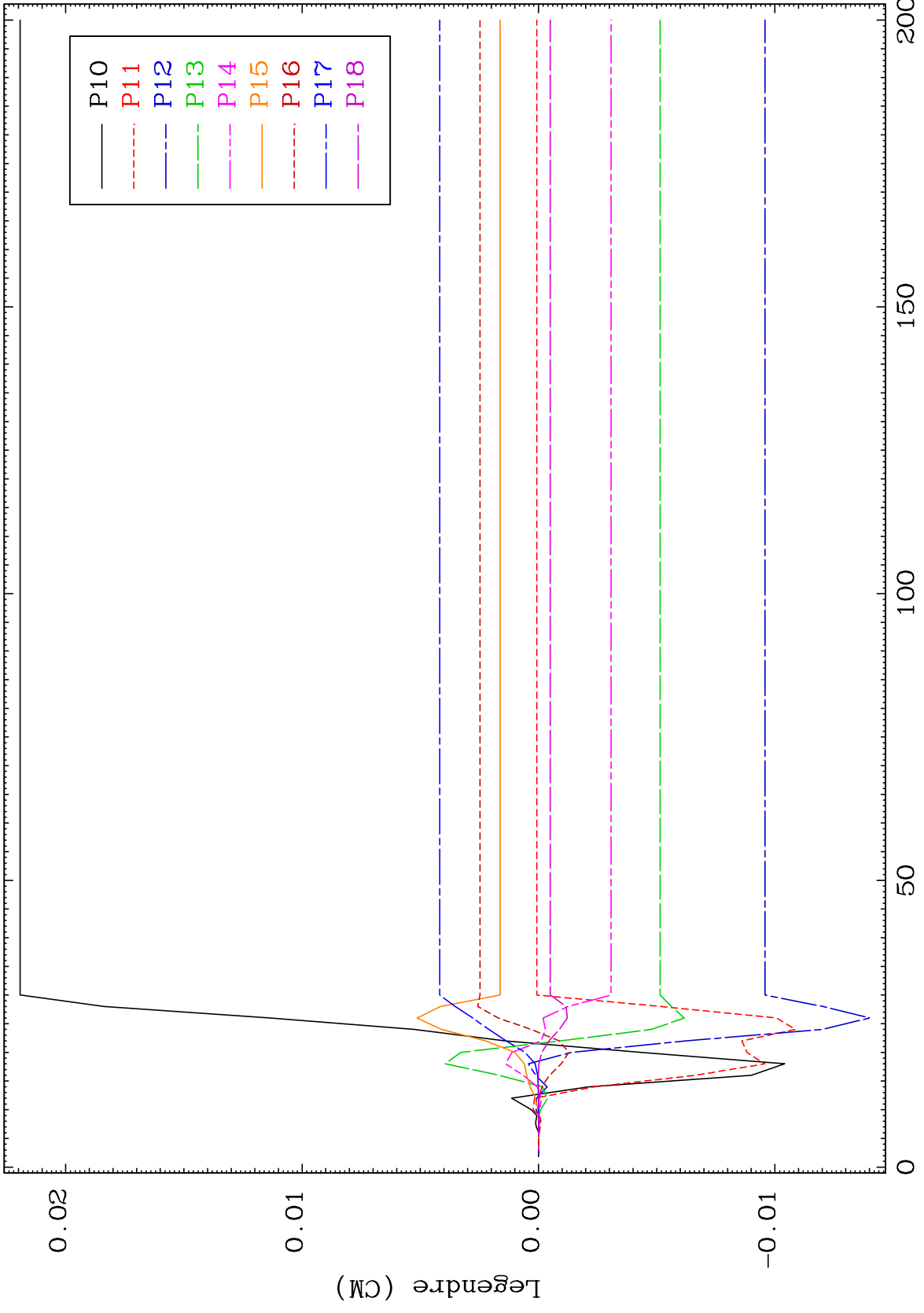
97

71-Lu-175

MAT 7125

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

71-Lu-175



98

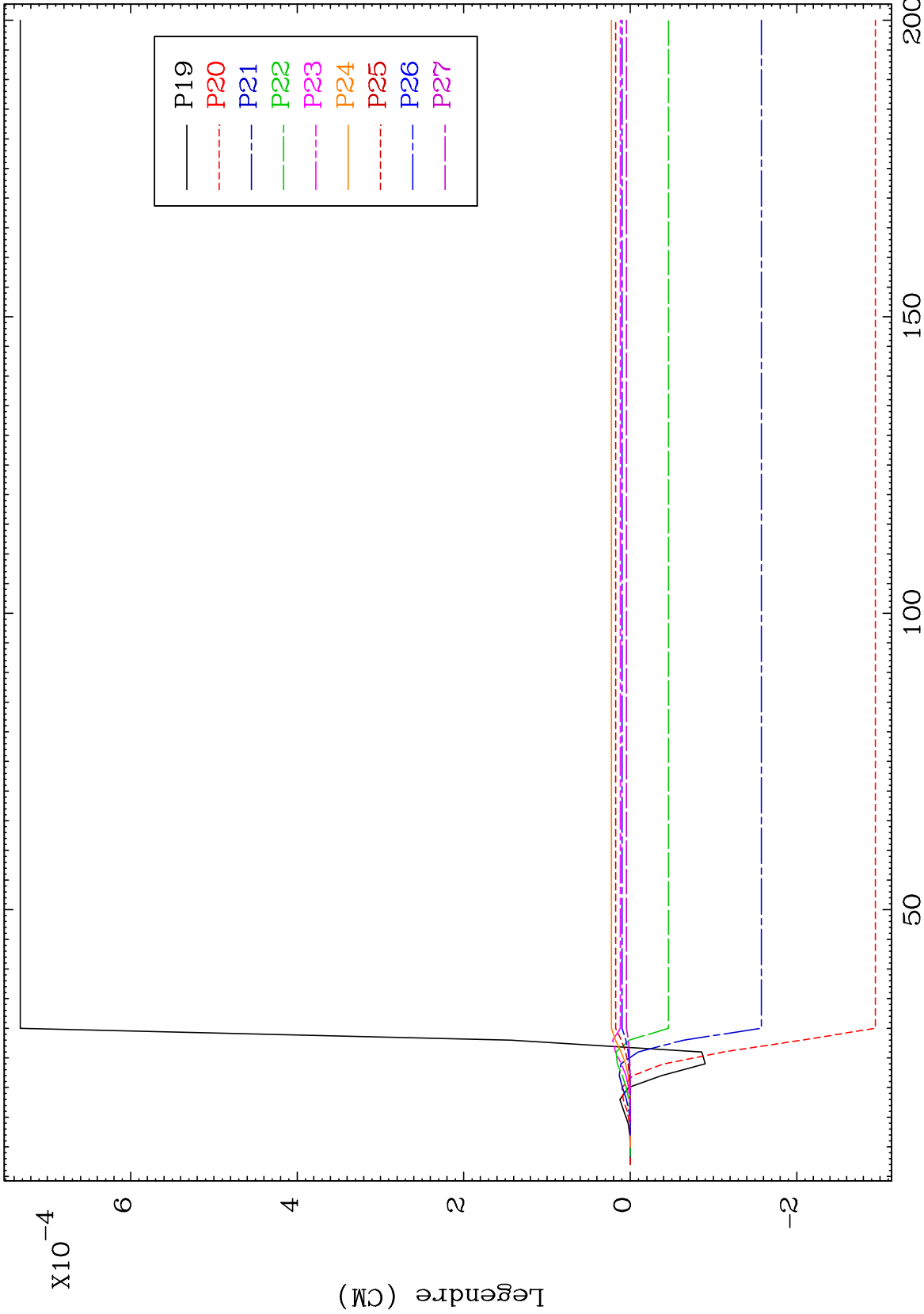
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



99

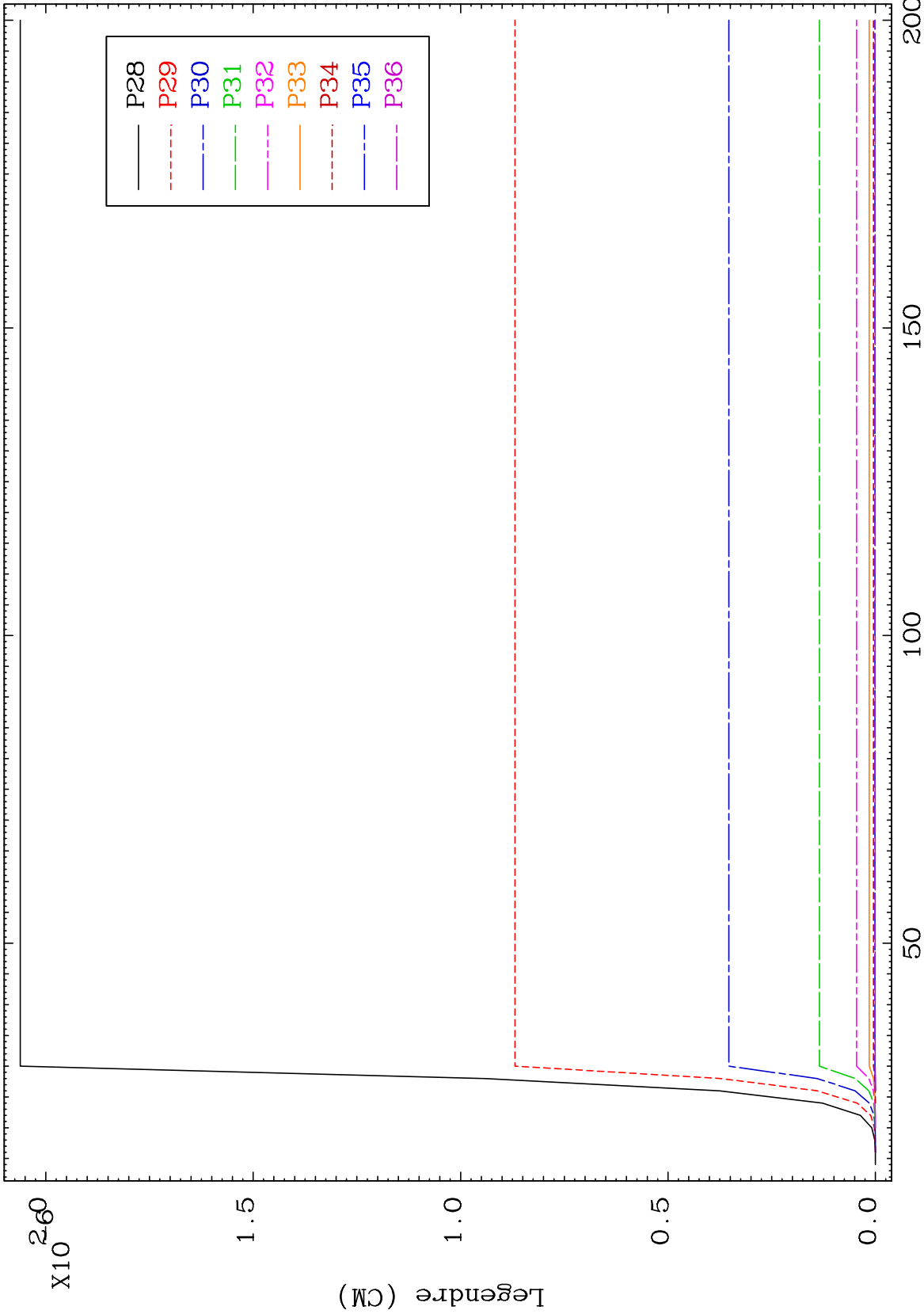
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175

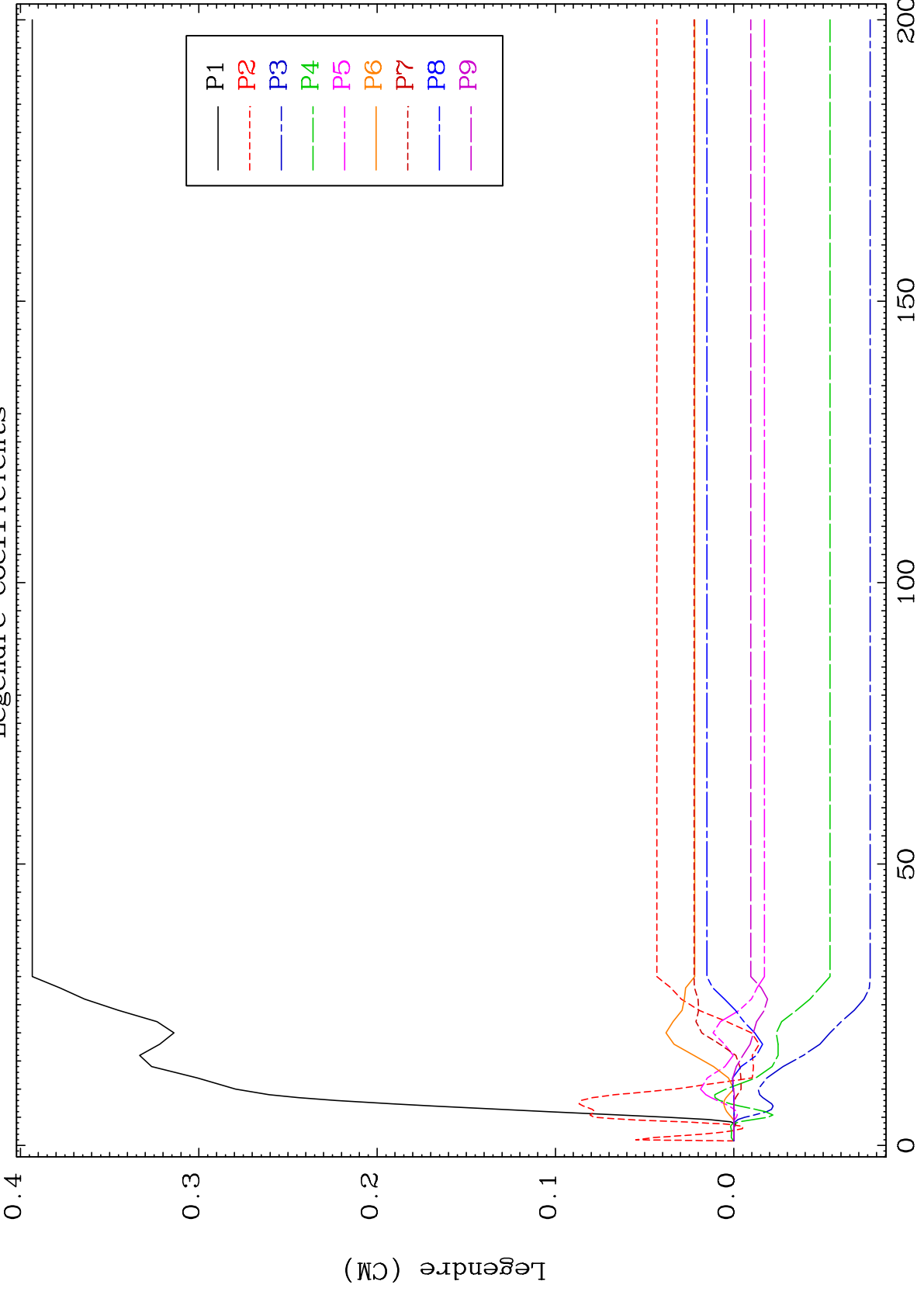


100

Incident Energy (MeV)

71-Lu-175

MAT 7125 MT= 73 (n,n') Level Legendre Coefficients 71-Lu-175

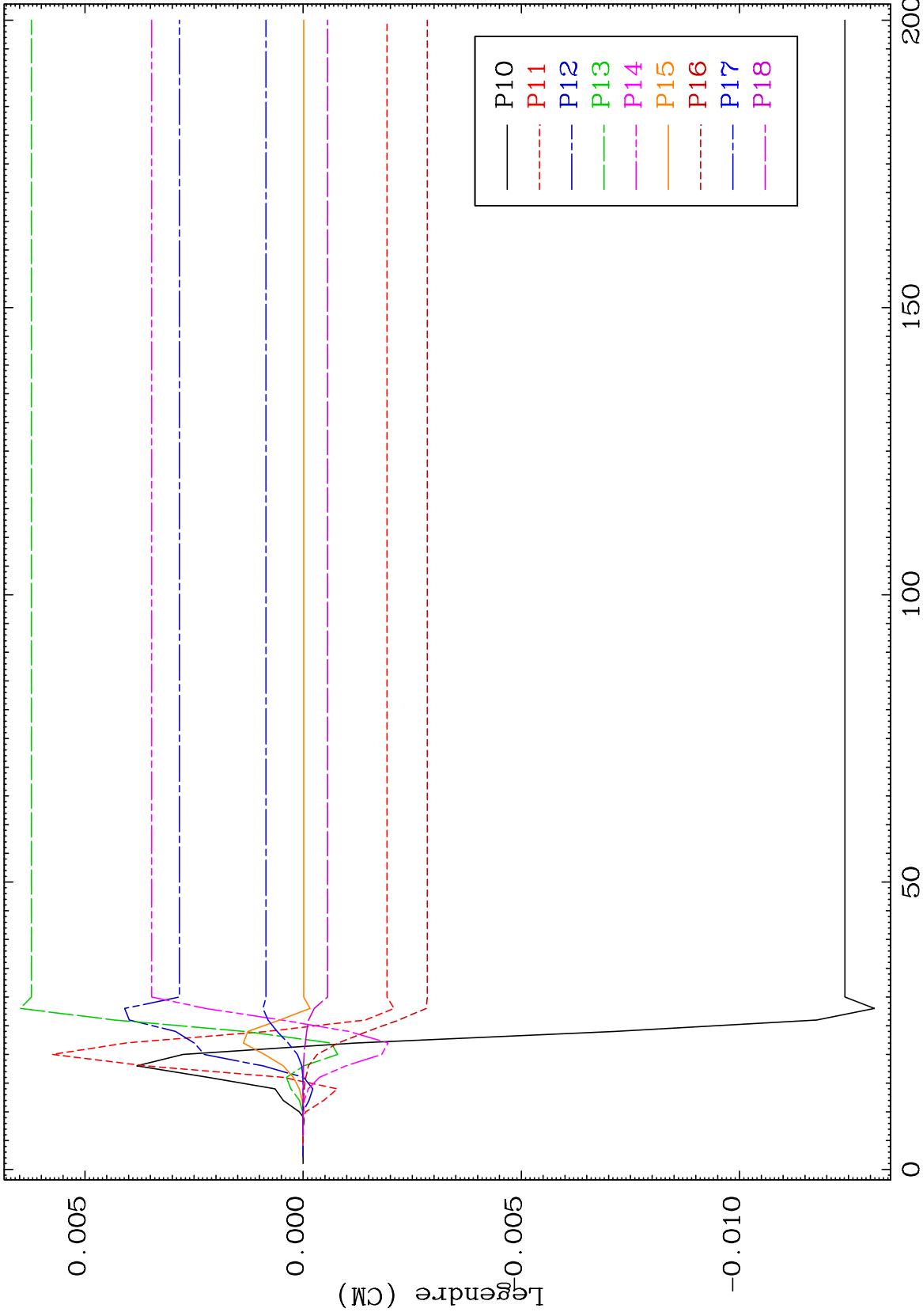


101 71-Lu-175

MAT 7125

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

71-Lu-175



102

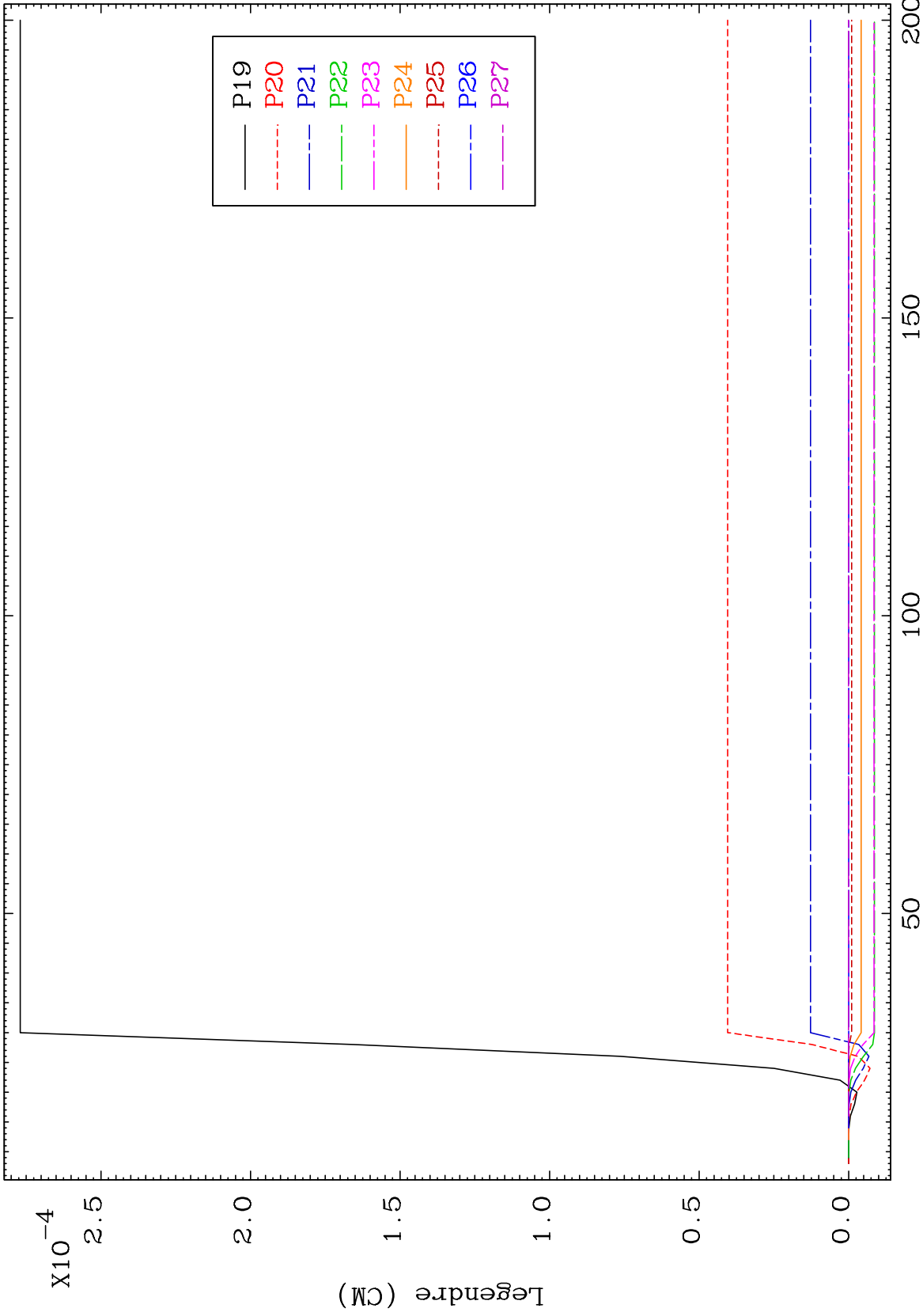
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



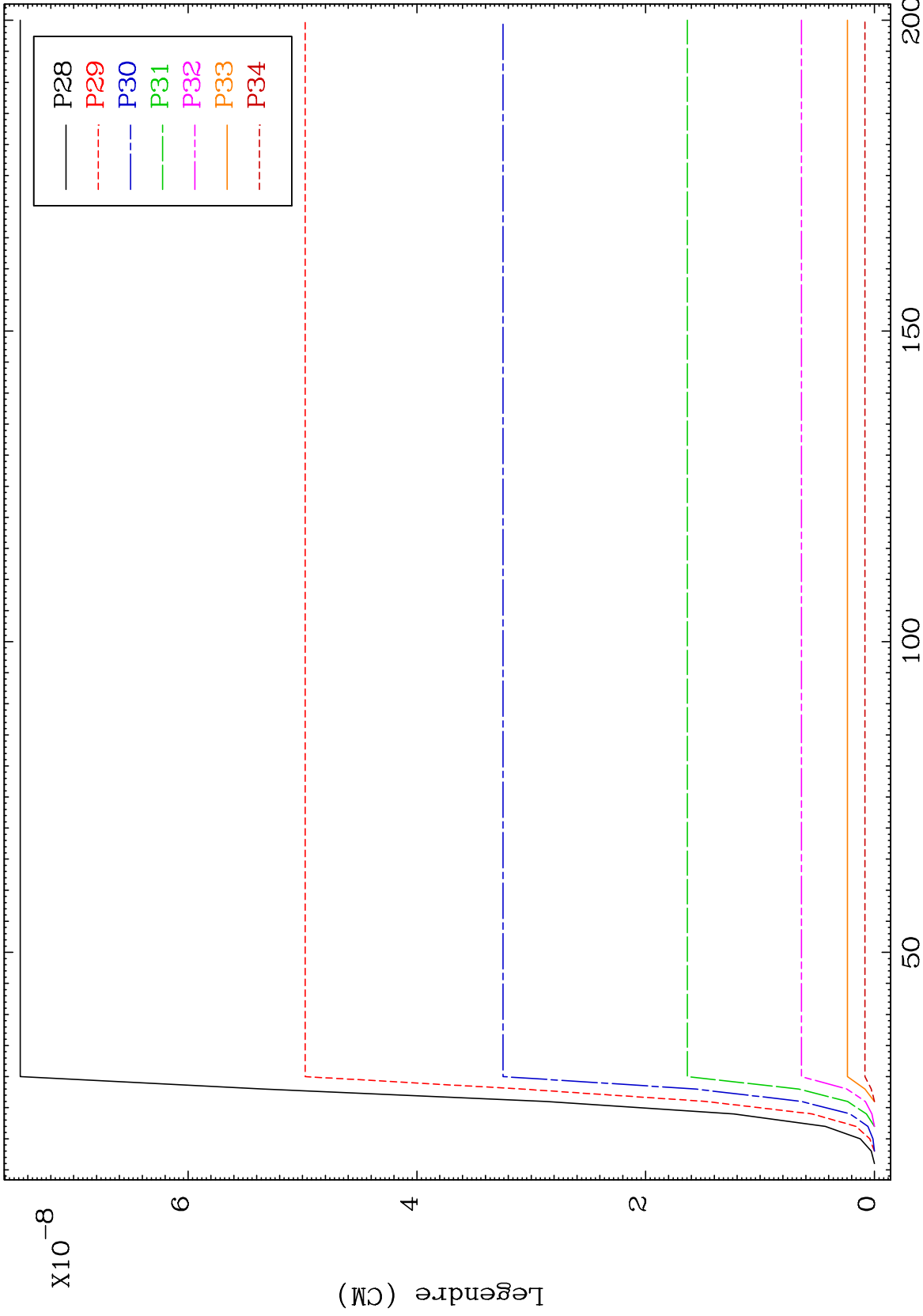
103

71-Lu-175

MAT 7125

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

71-Lu-175



104

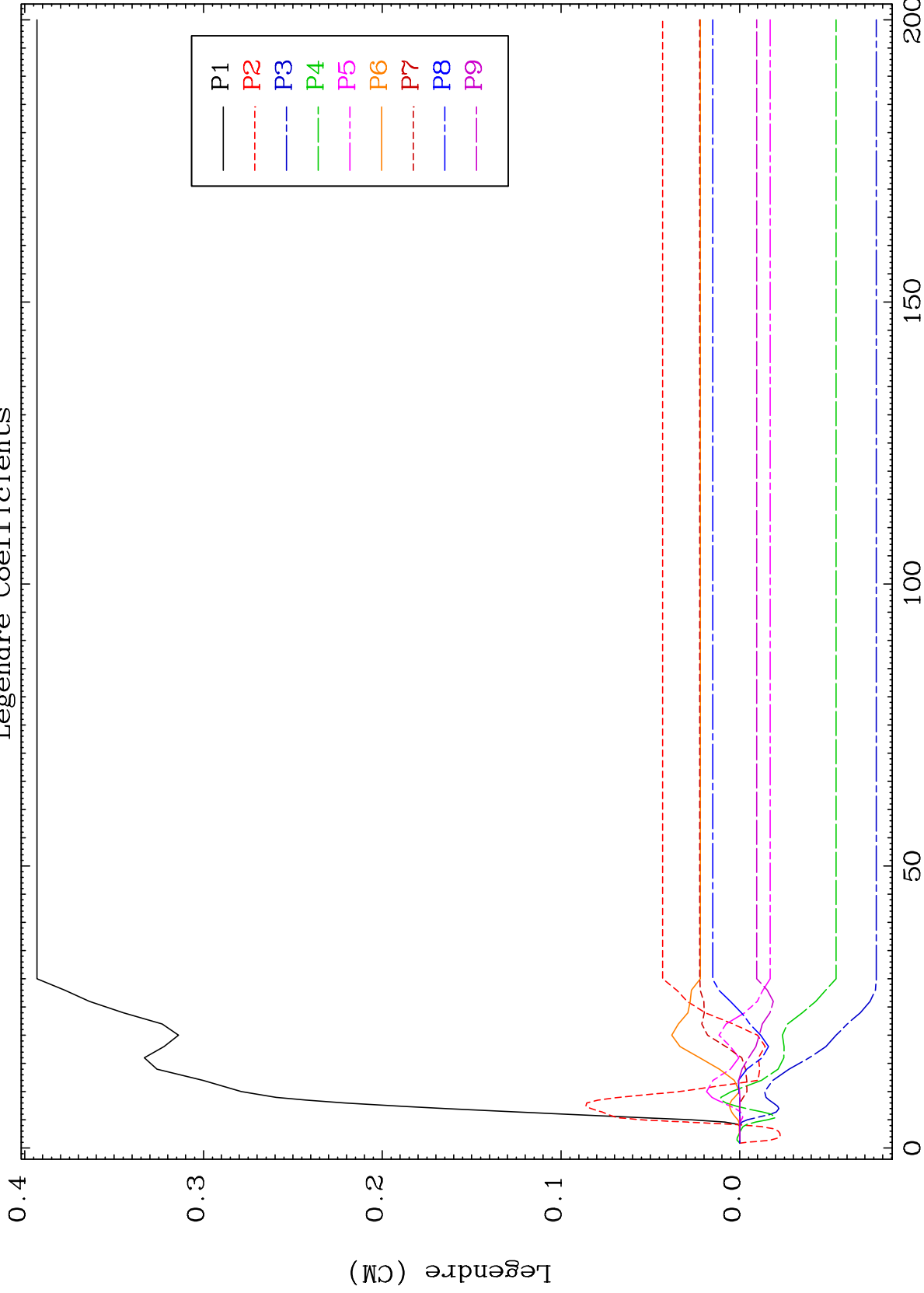
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



105

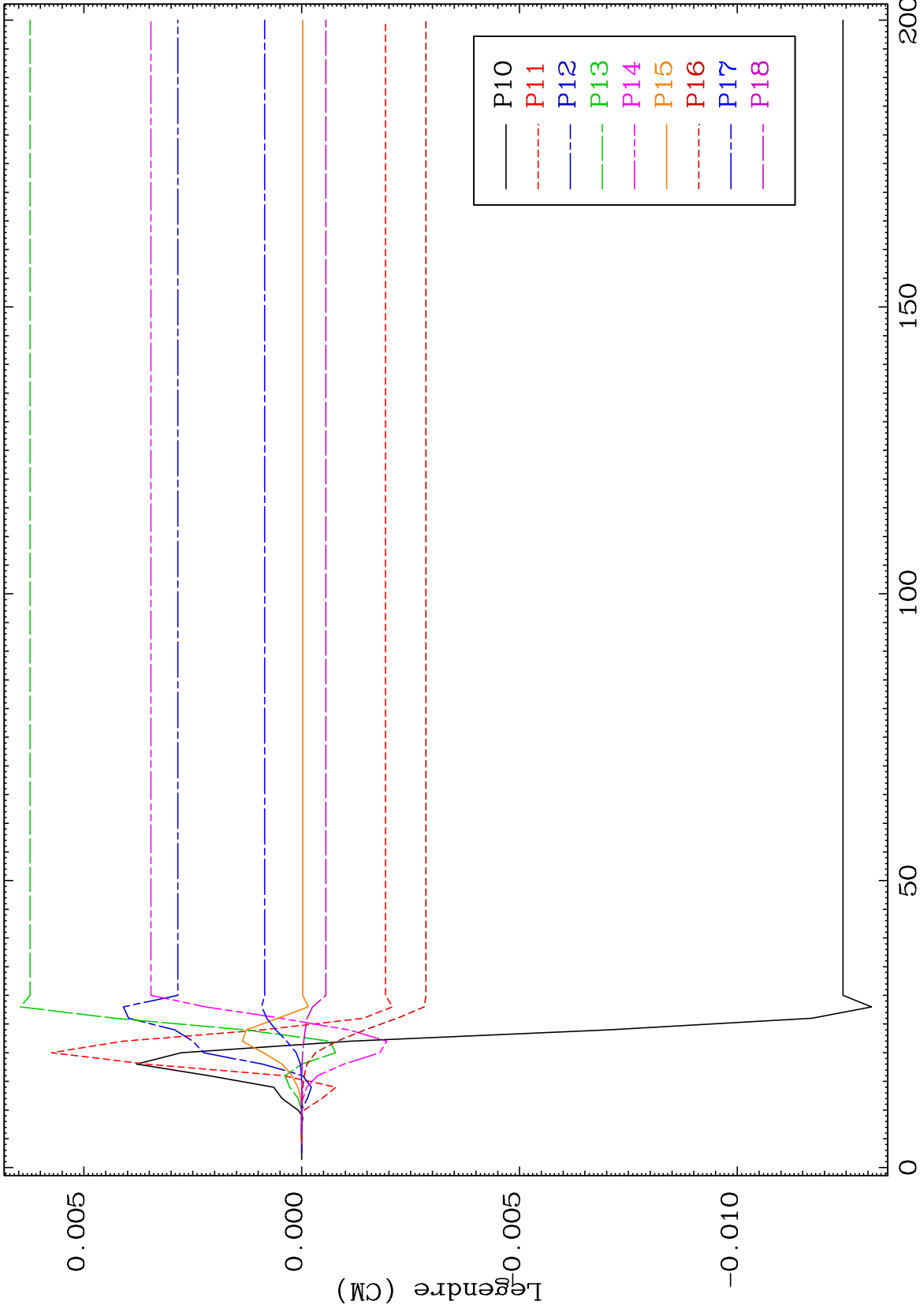
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



106

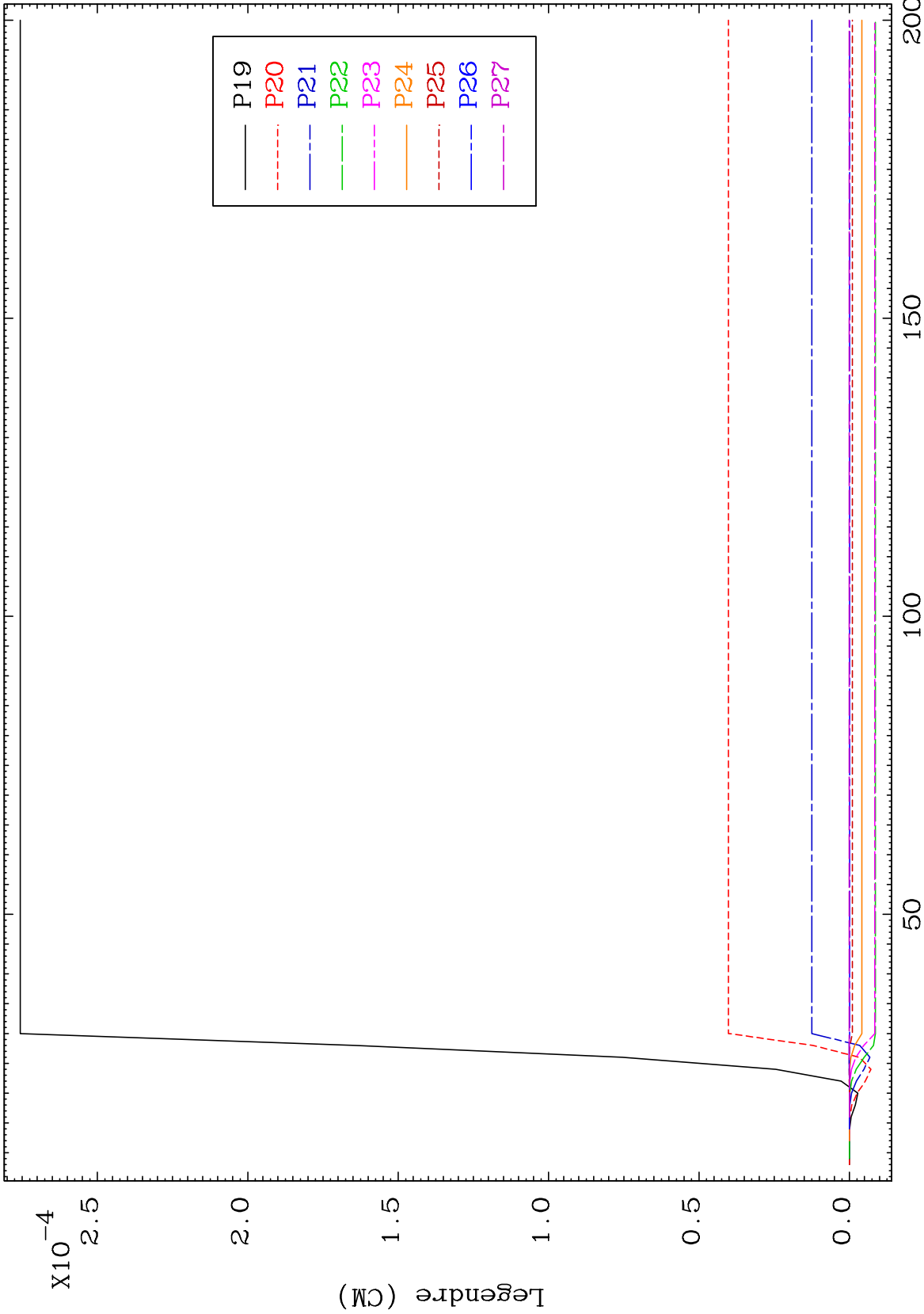
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



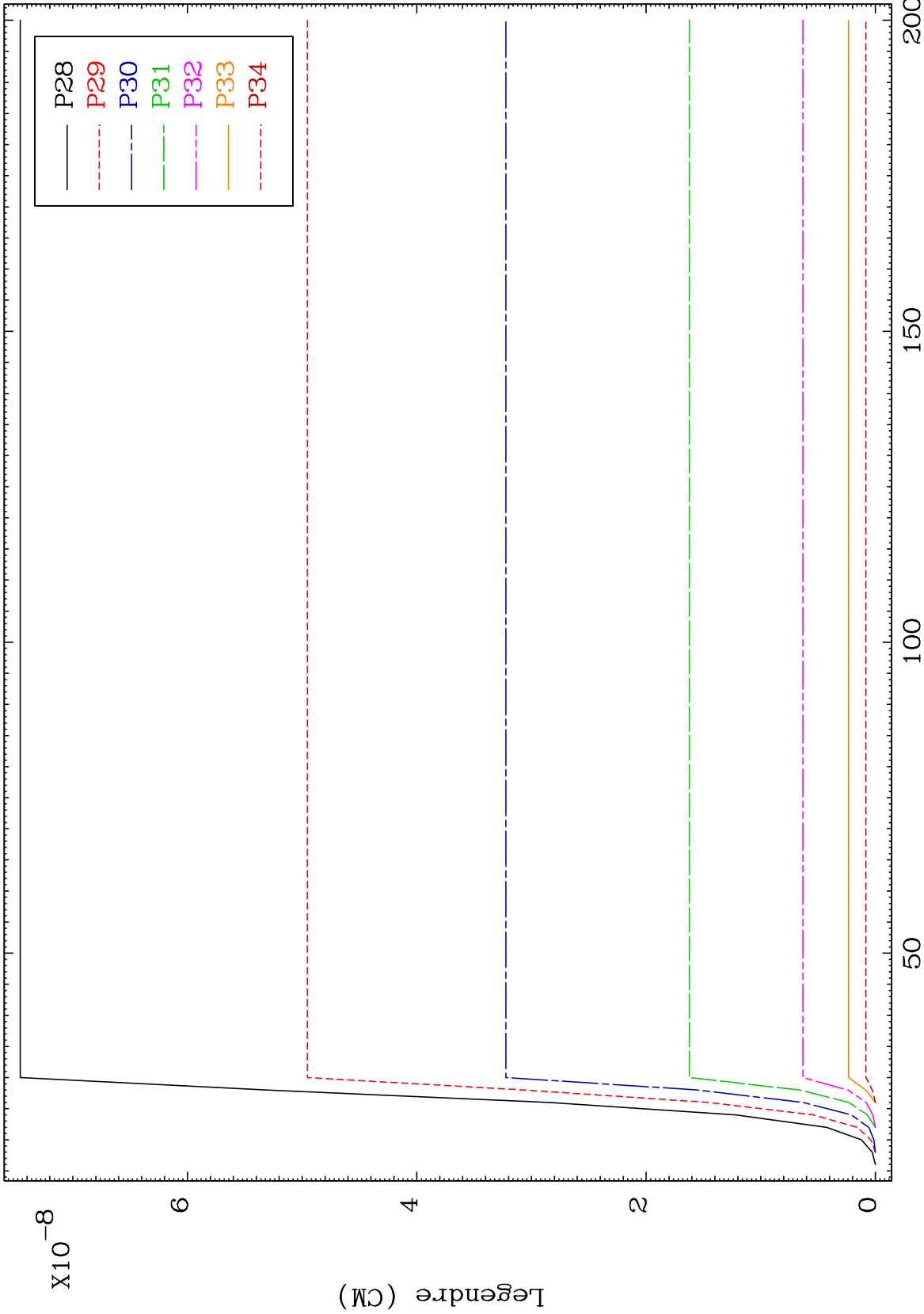
107

71-Lu-175

MAT 7125

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

71-Lu-175

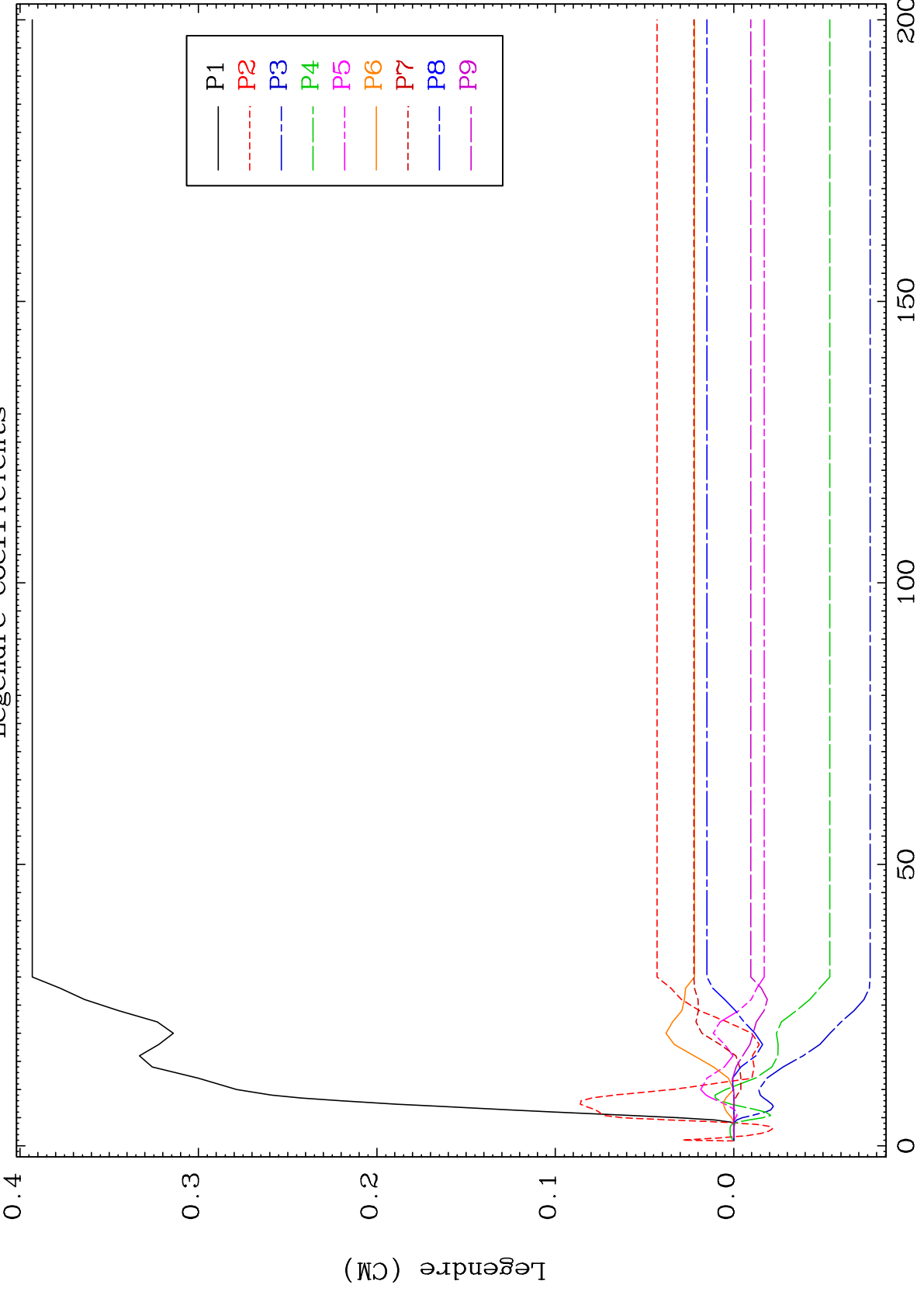


108

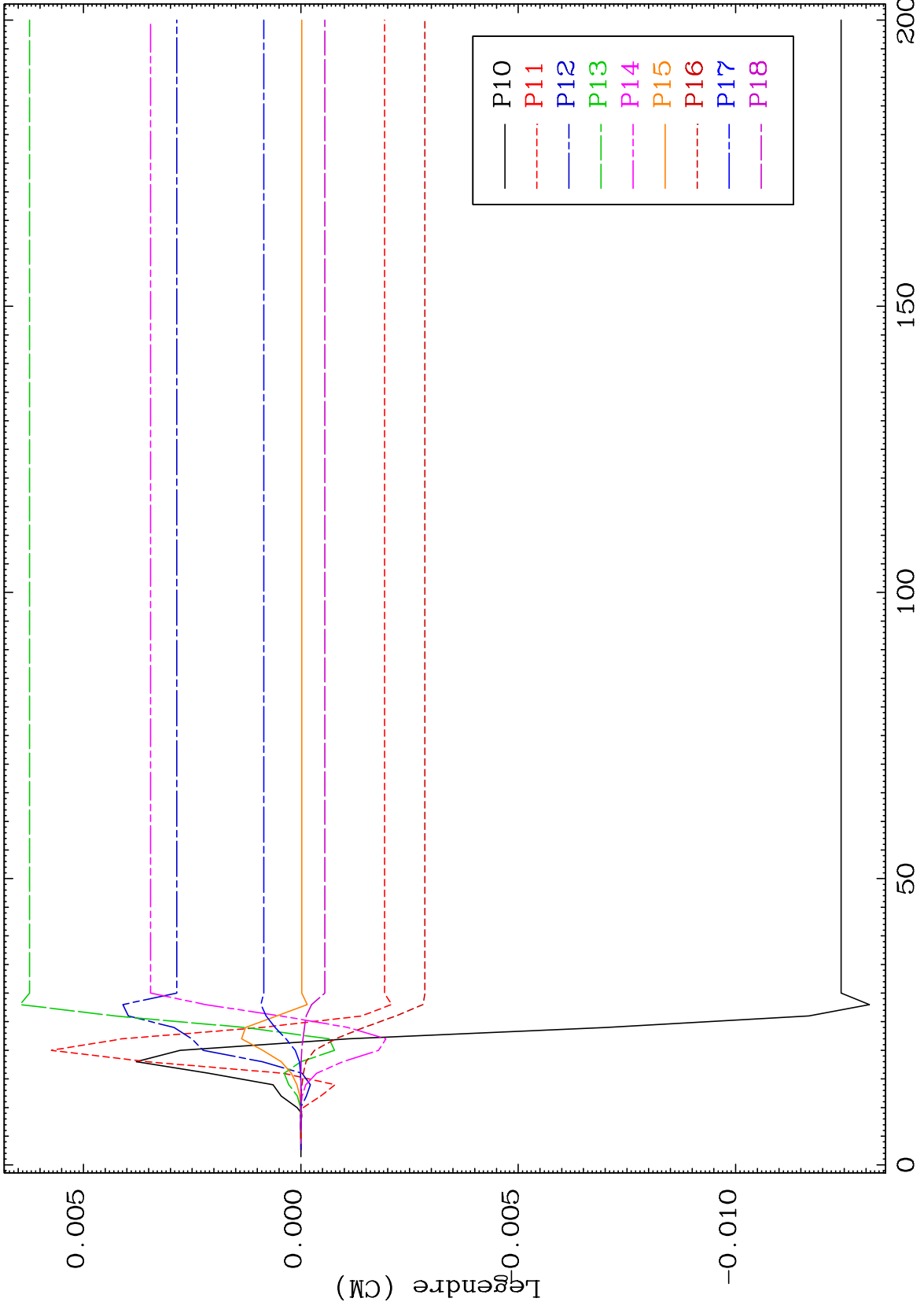
Incident Energy (MeV)

71-Lu-175

MAT 7125 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-175



MAT 7125 MT= 75 (n,n') Level Legendre Coefficients 71-Lu-175

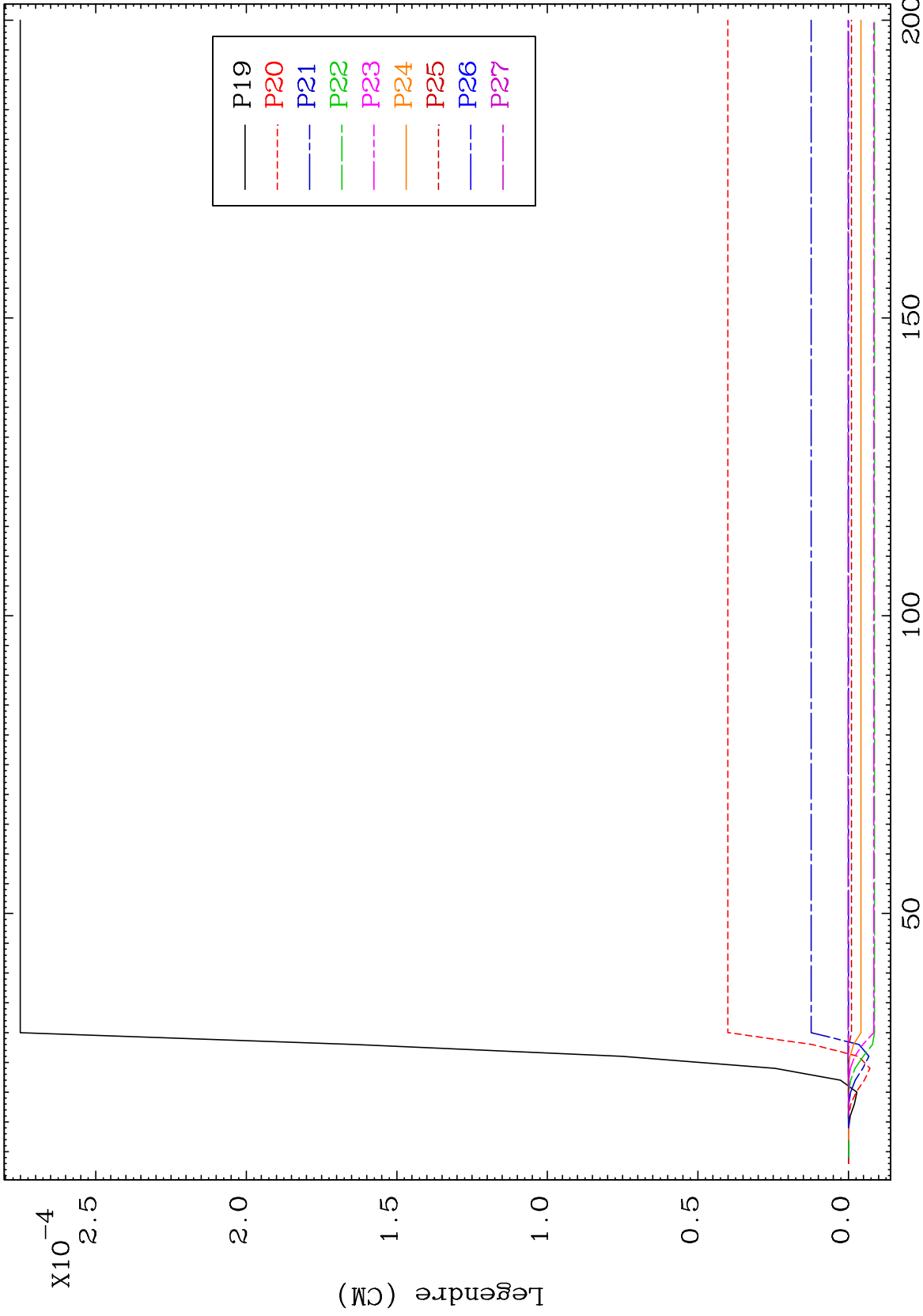


110 71-Lu-175

MAT 7125

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

71-Lu-175



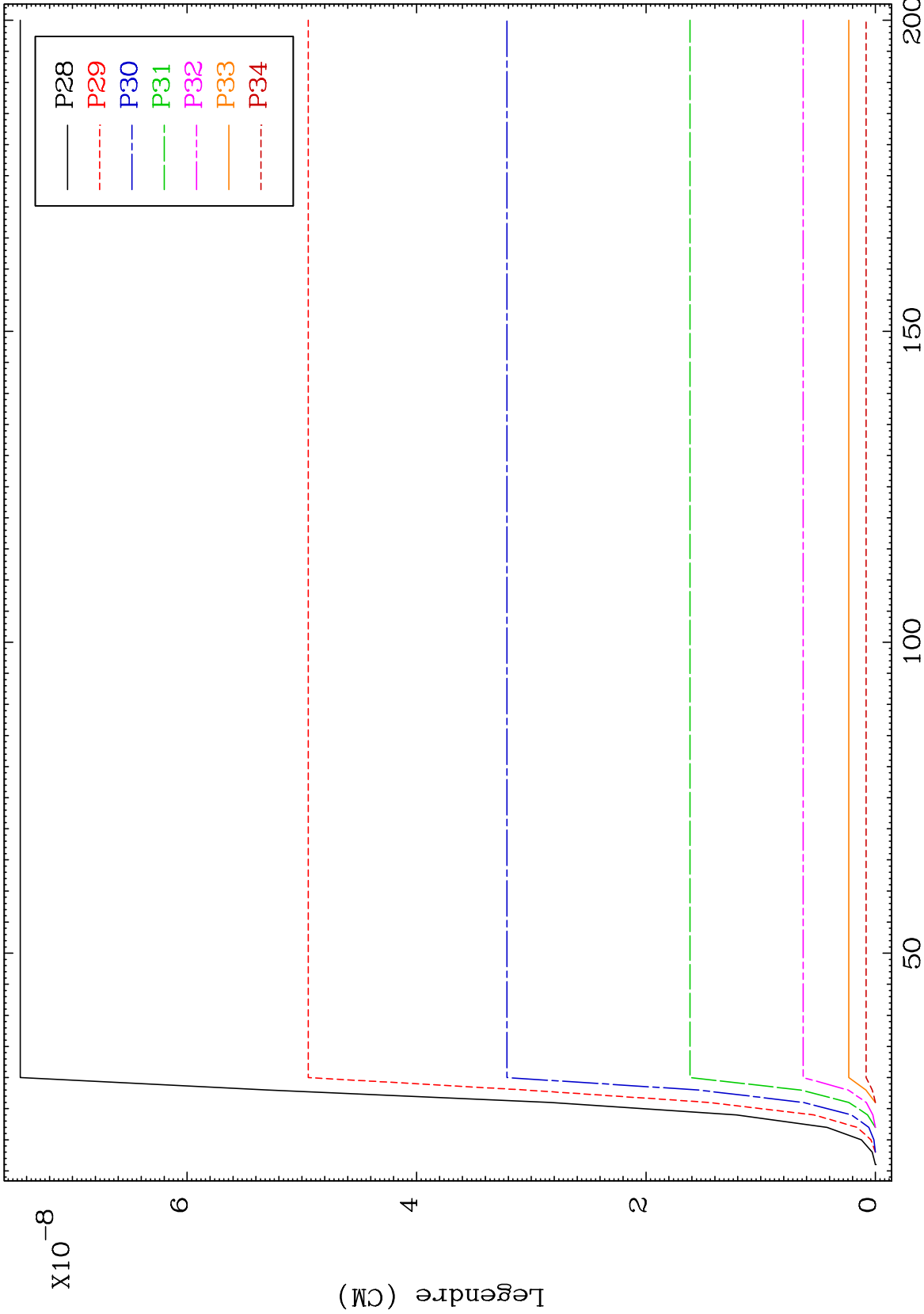
111

71-Lu-175

MAT 7125

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

71-Lu-175



112

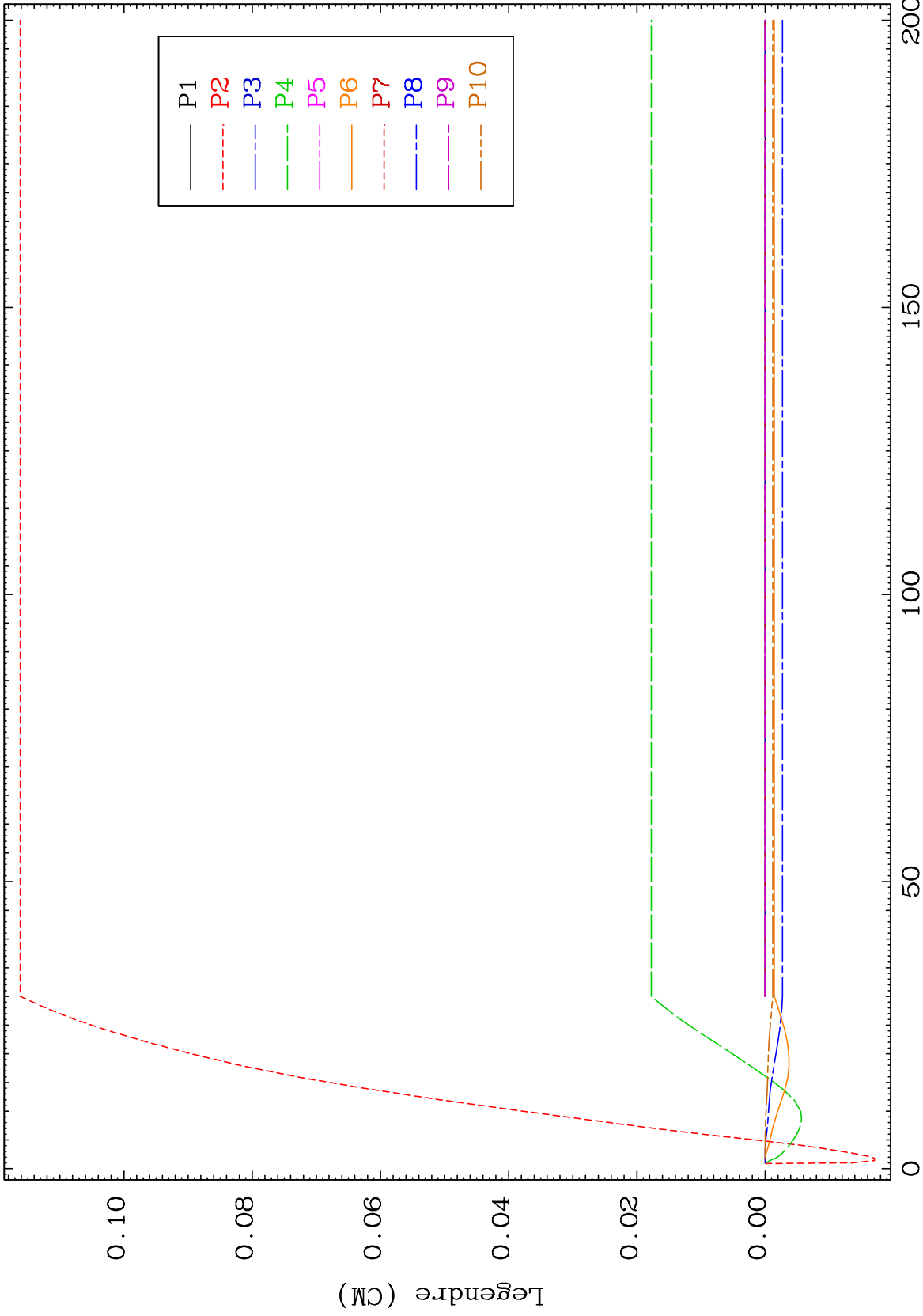
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



113

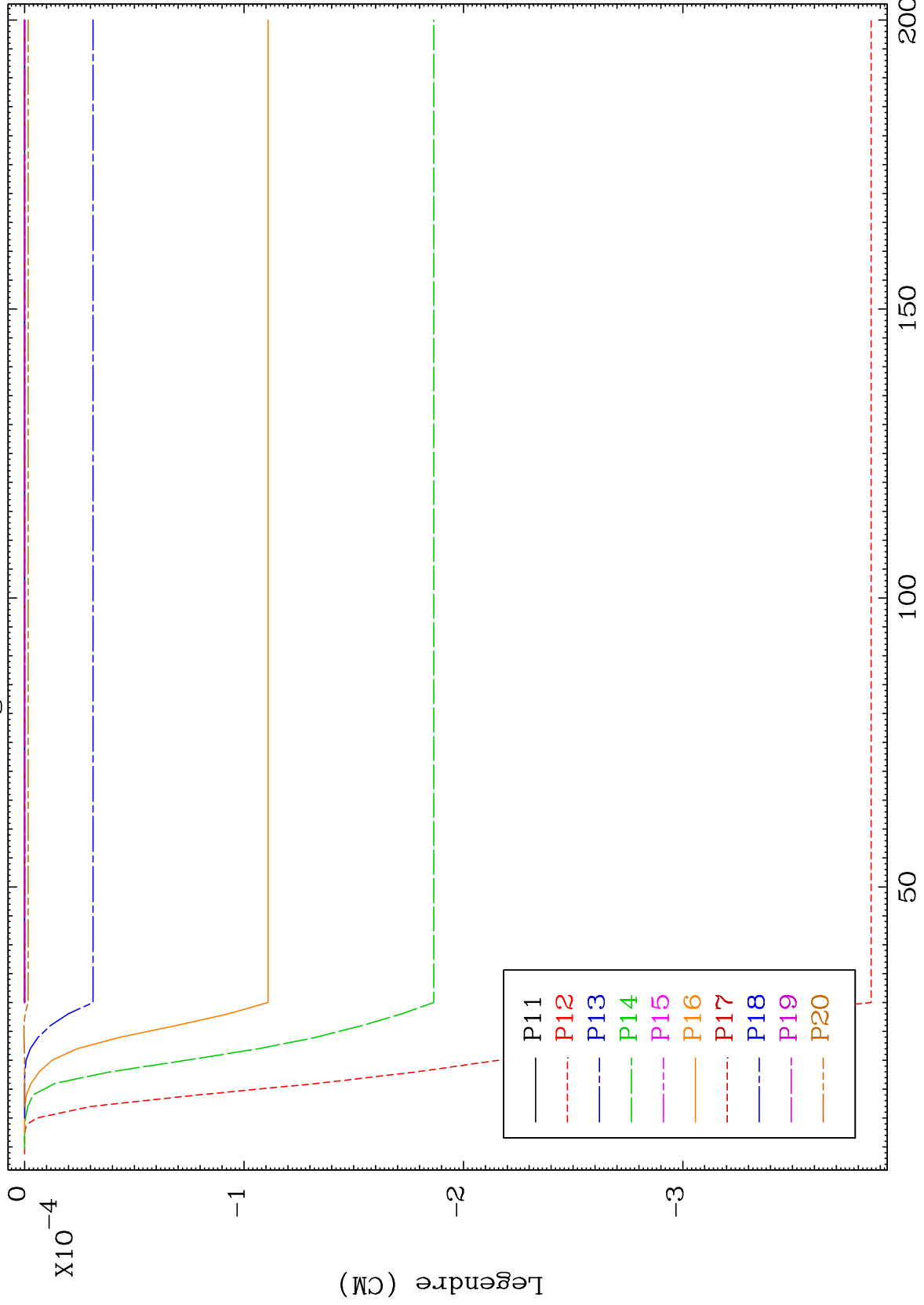
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175

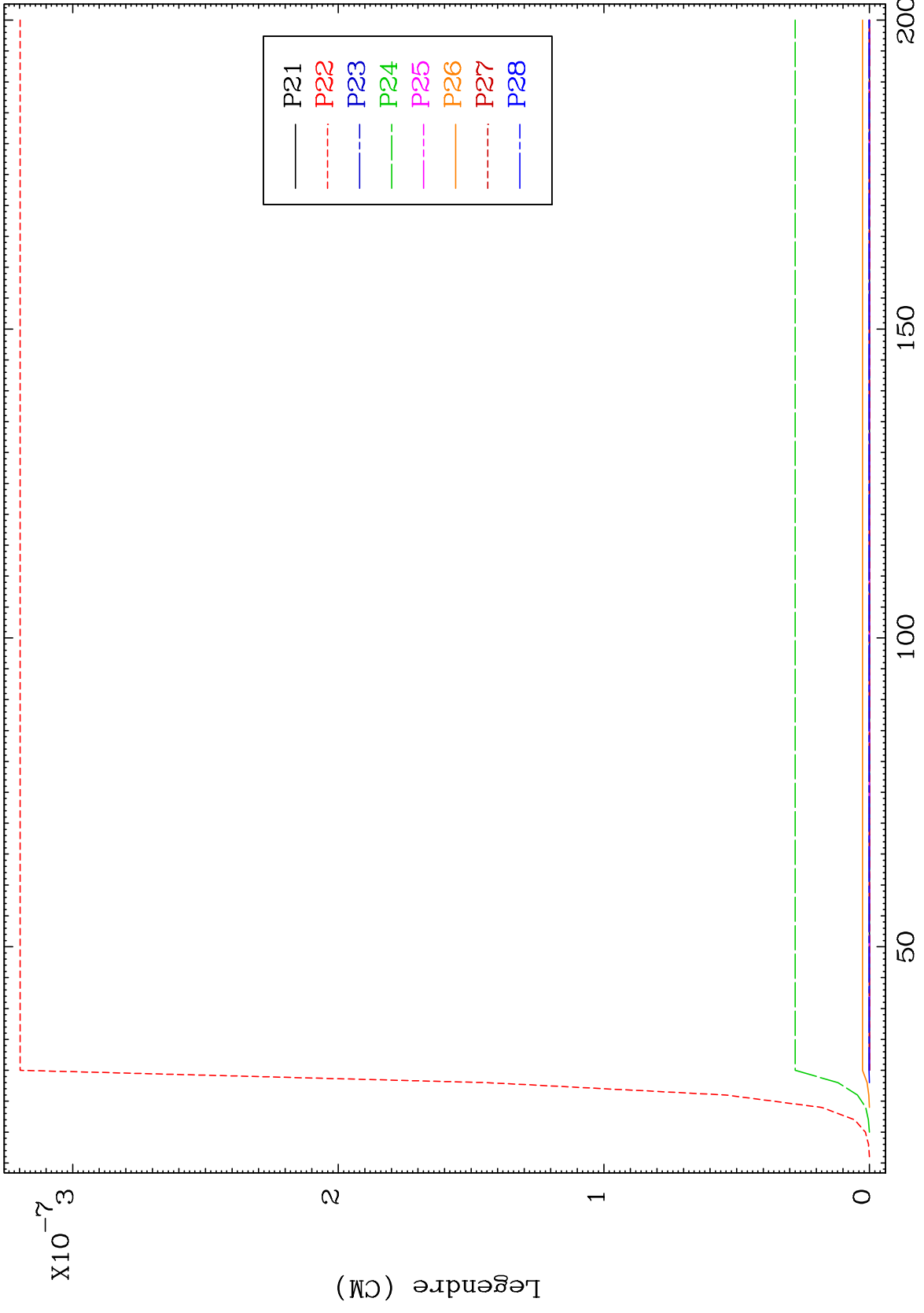


71-Lu-175

Incident Energy (MeV)

114

MAT 7125 MT= 76 (n,n') Level Legendre Coefficients 71-Lu-175

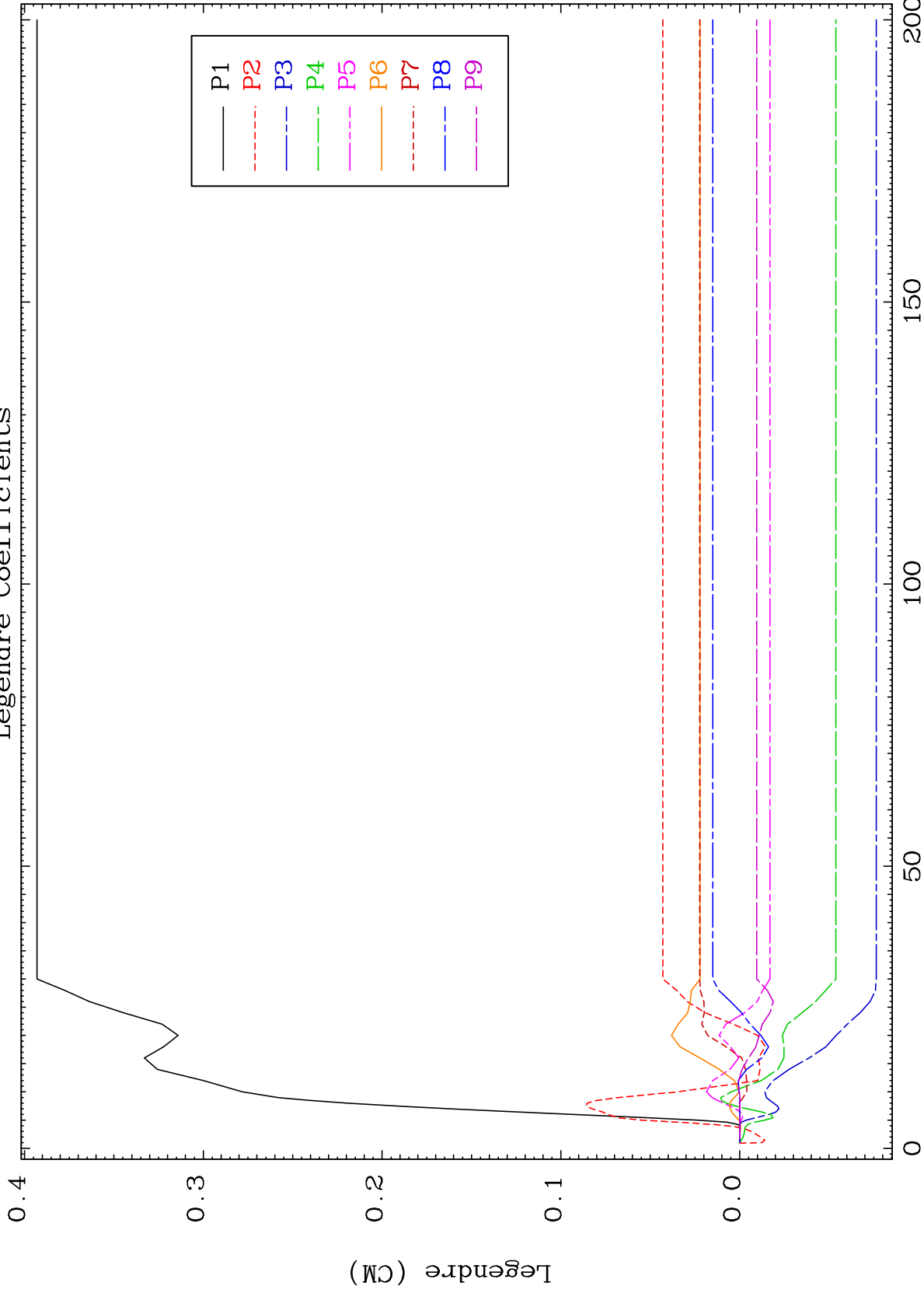


71-Lu-175

MAT 7125

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

71-Lu-175



116

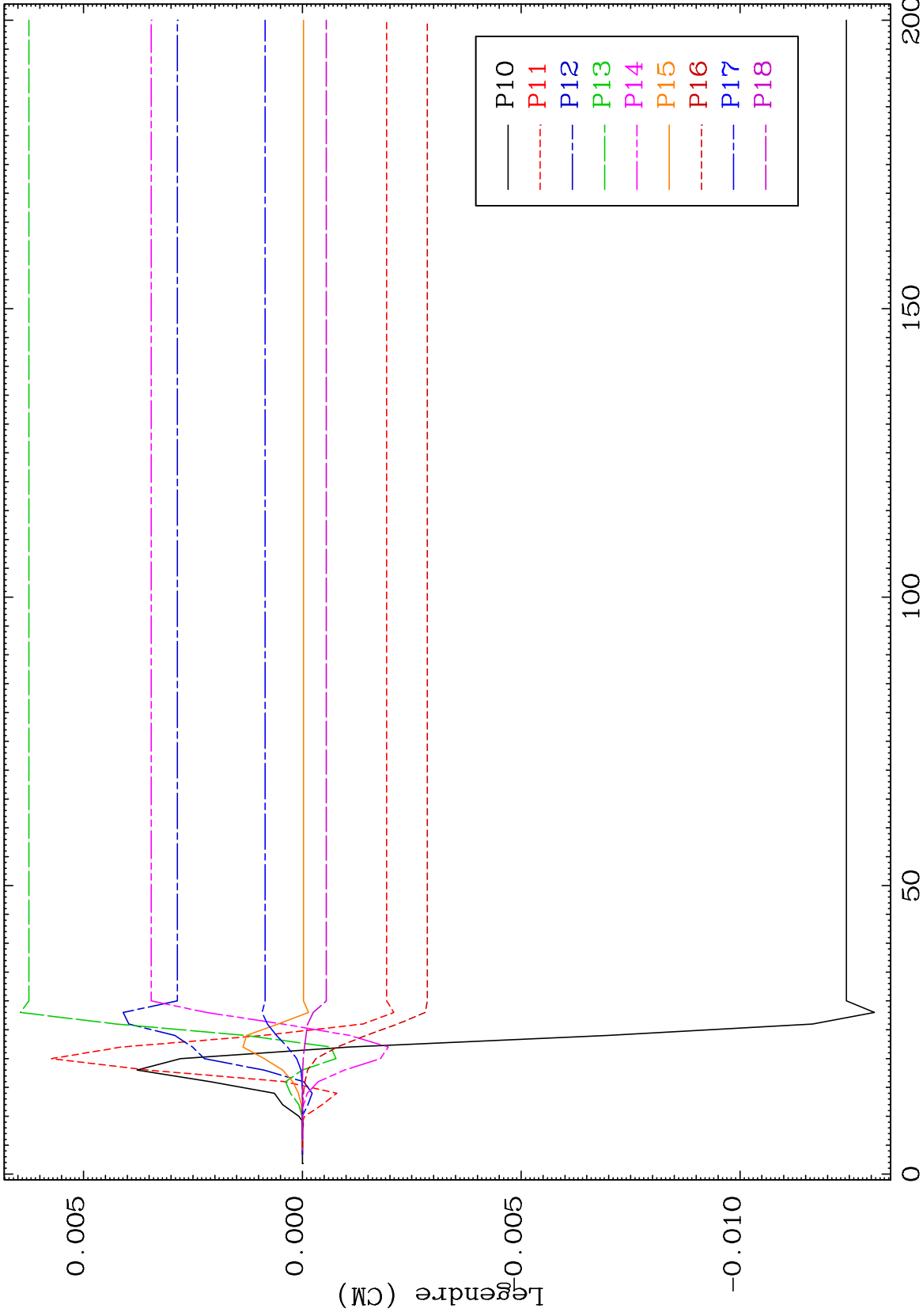
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



117

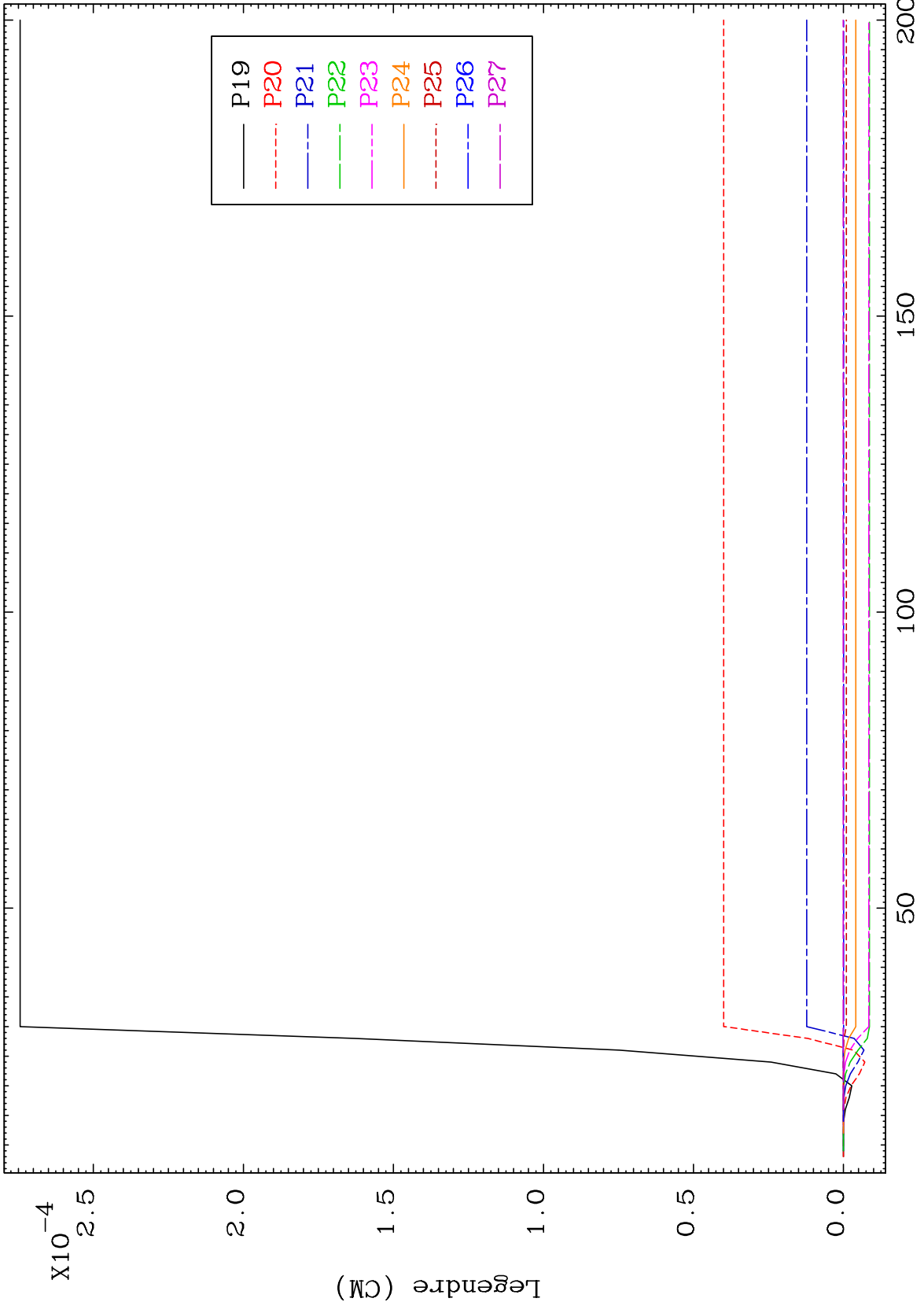
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



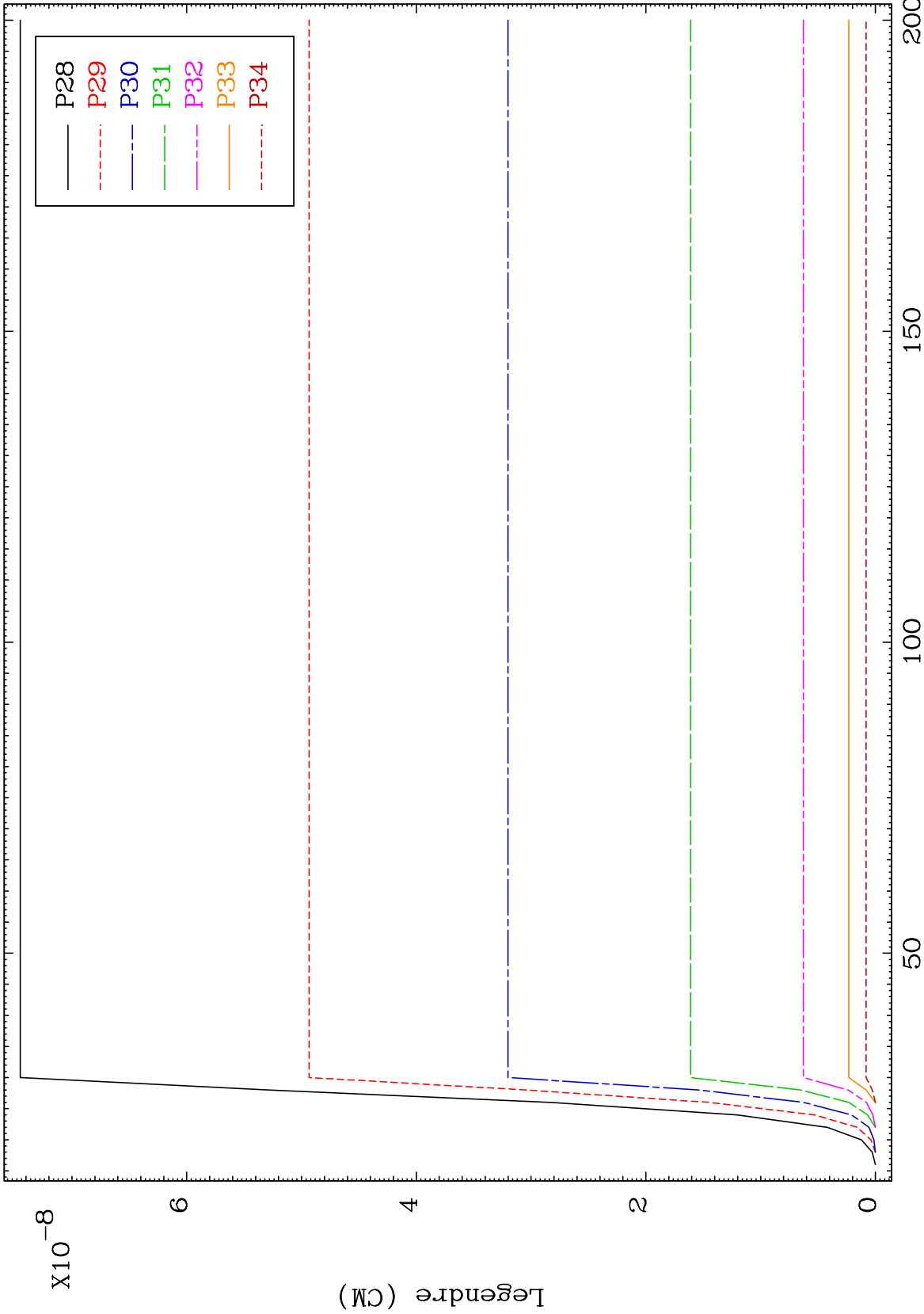
118

71-Lu-175

MAT 7125

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

71-Lu-175



119

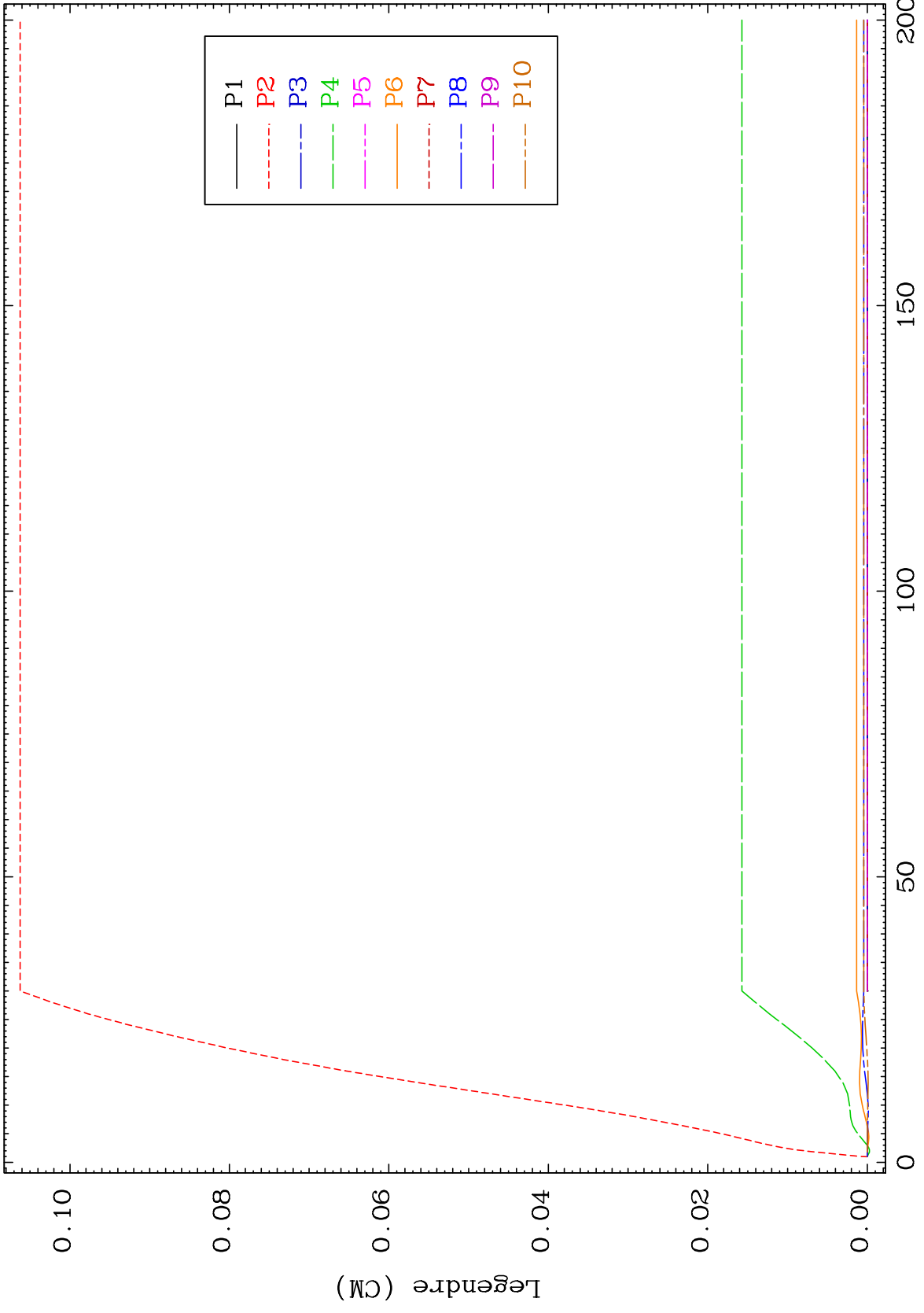
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175

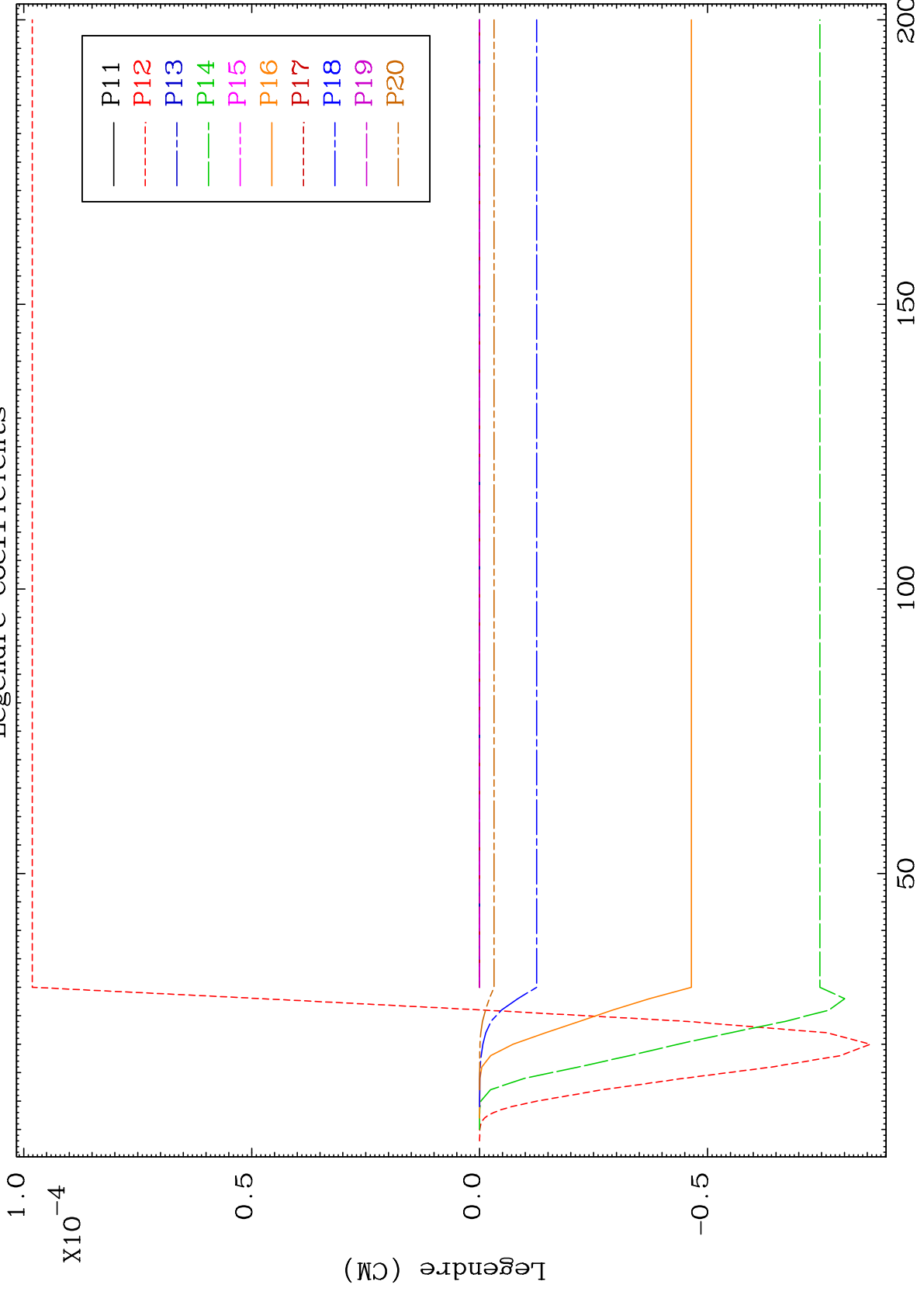


71-Lu-175

Incident Energy (MeV)

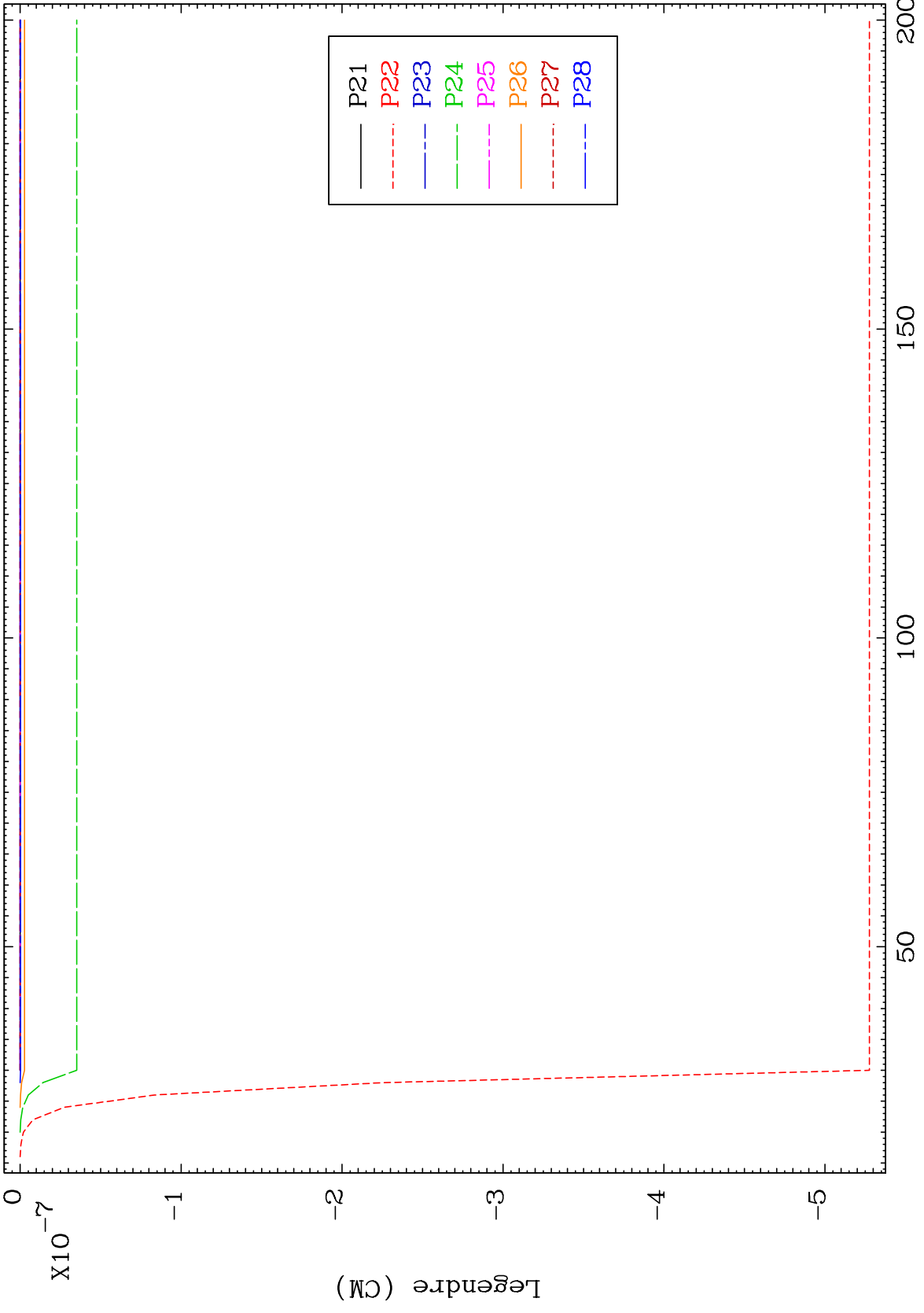
Legendre (CM)

MAT 7125 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-175



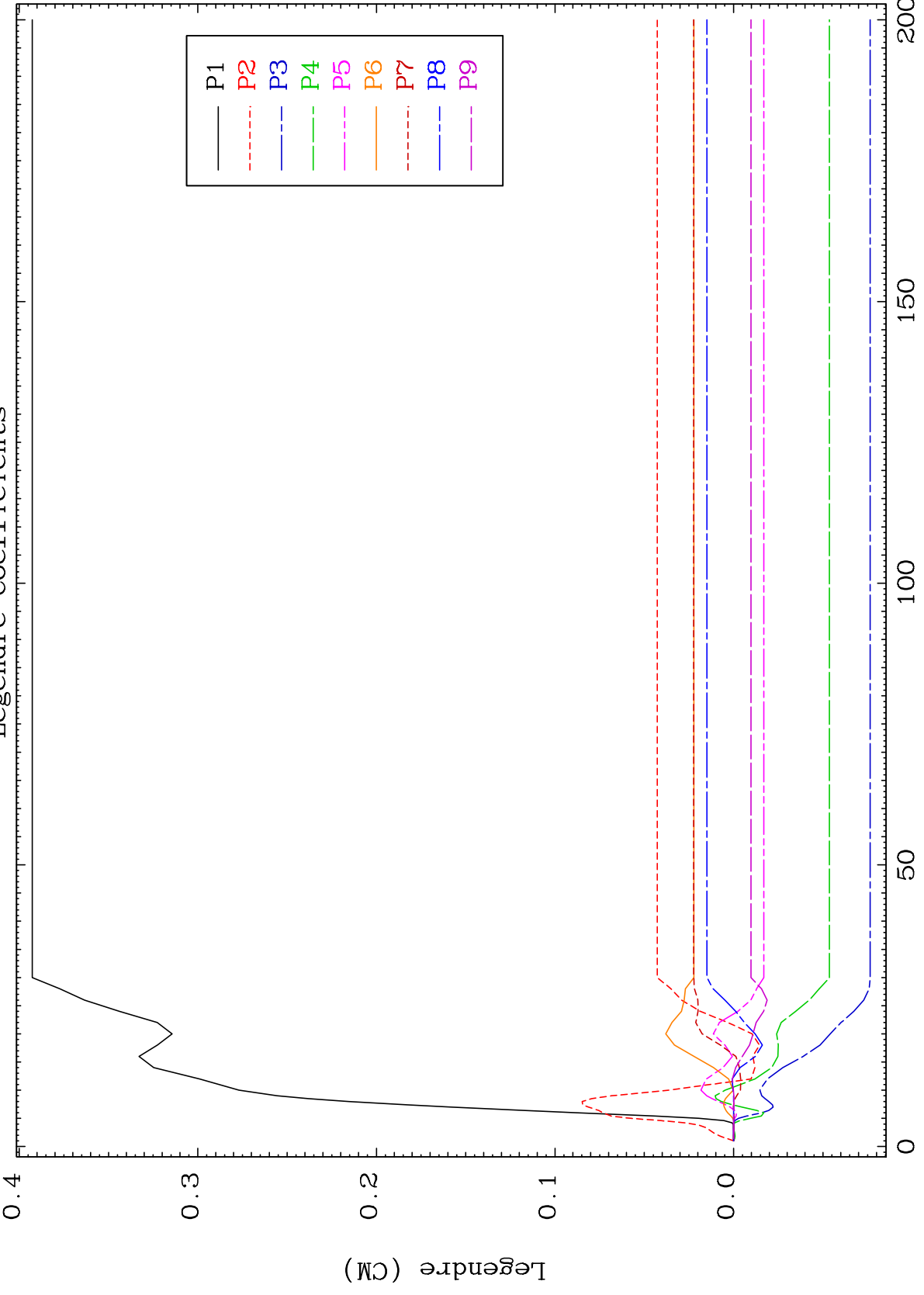
121 71-Lu-175

MAT 7125 MT= 78 (n,n') Level Legendre Coefficients 71-Lu-175



122 71-Lu-175

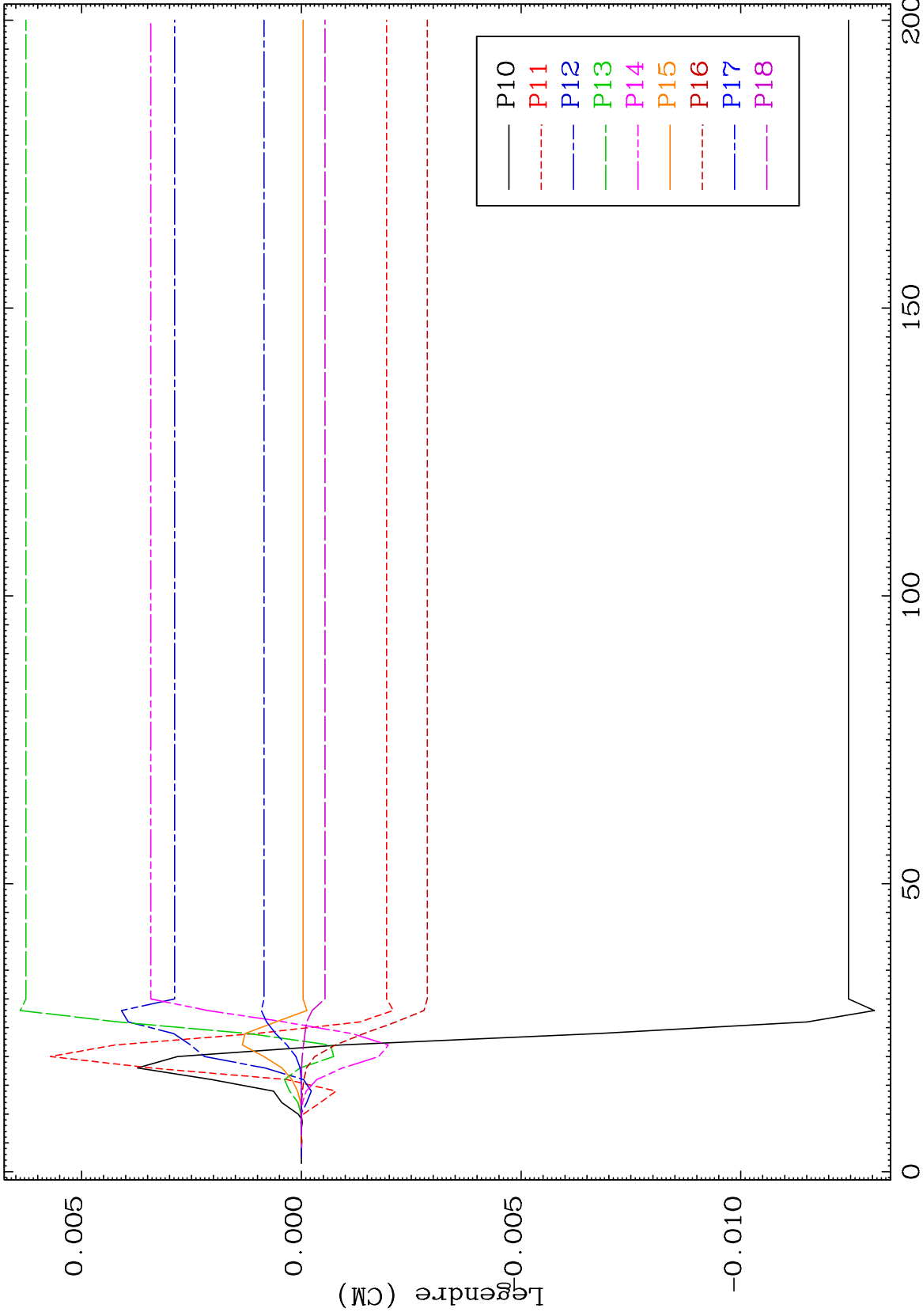
MAT 7125 MT= 79 (n,n') Level Legendre Coefficients 71-Lu-175



MAT 7125

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

71-Lu-175



124

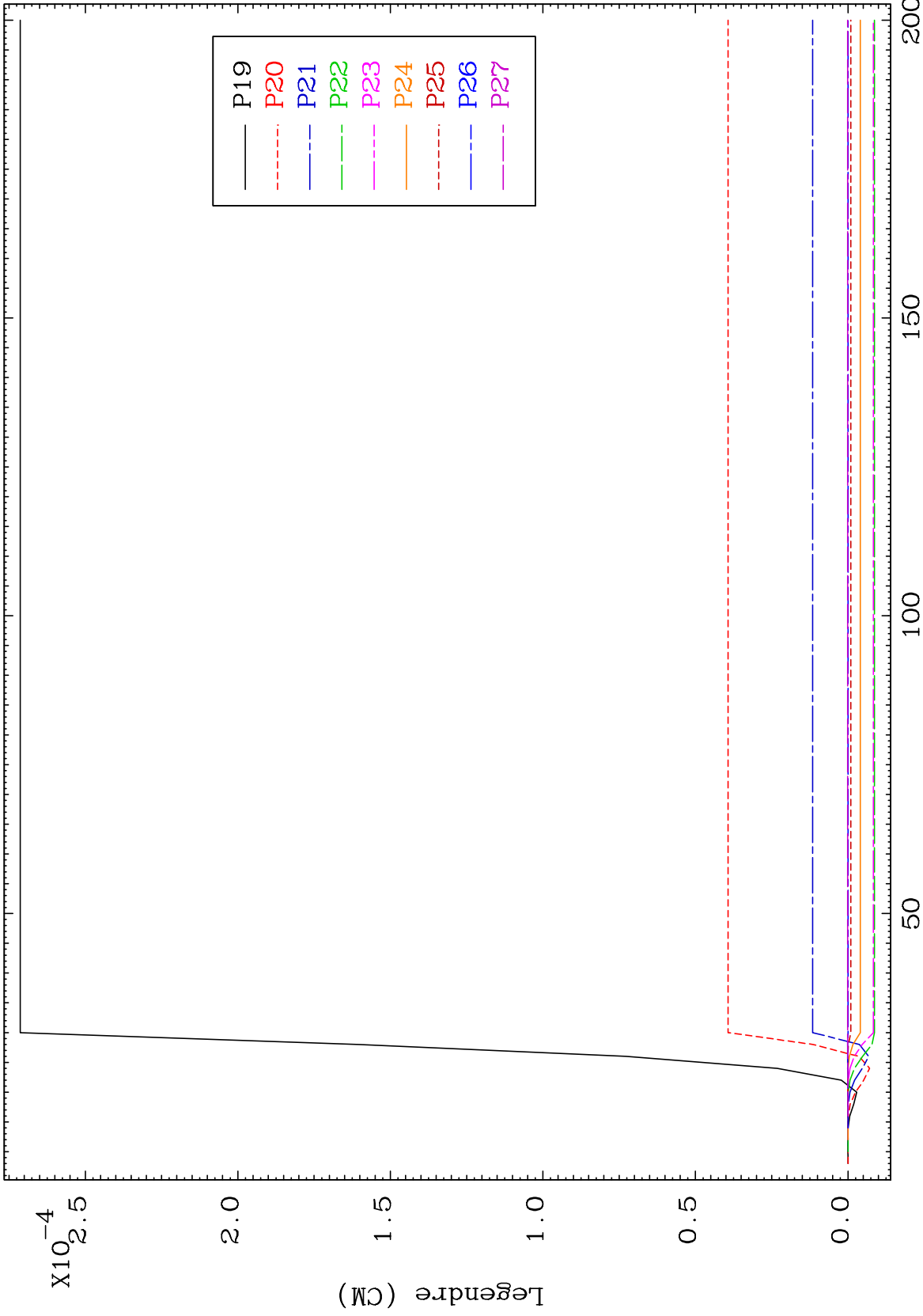
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

71-Lu-175



125

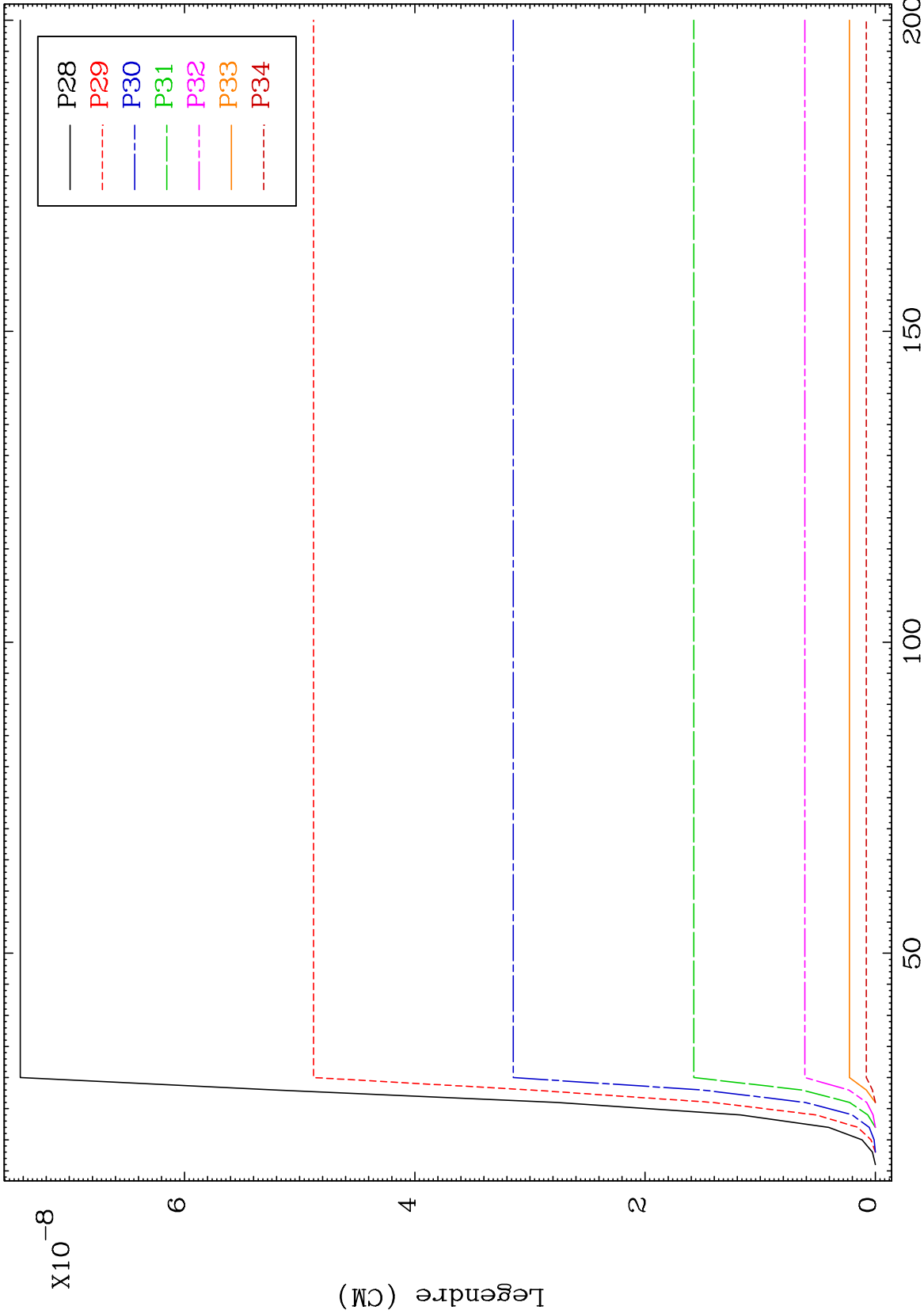
Incident Energy (MeV)

71-Lu-175

MAT 7125

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

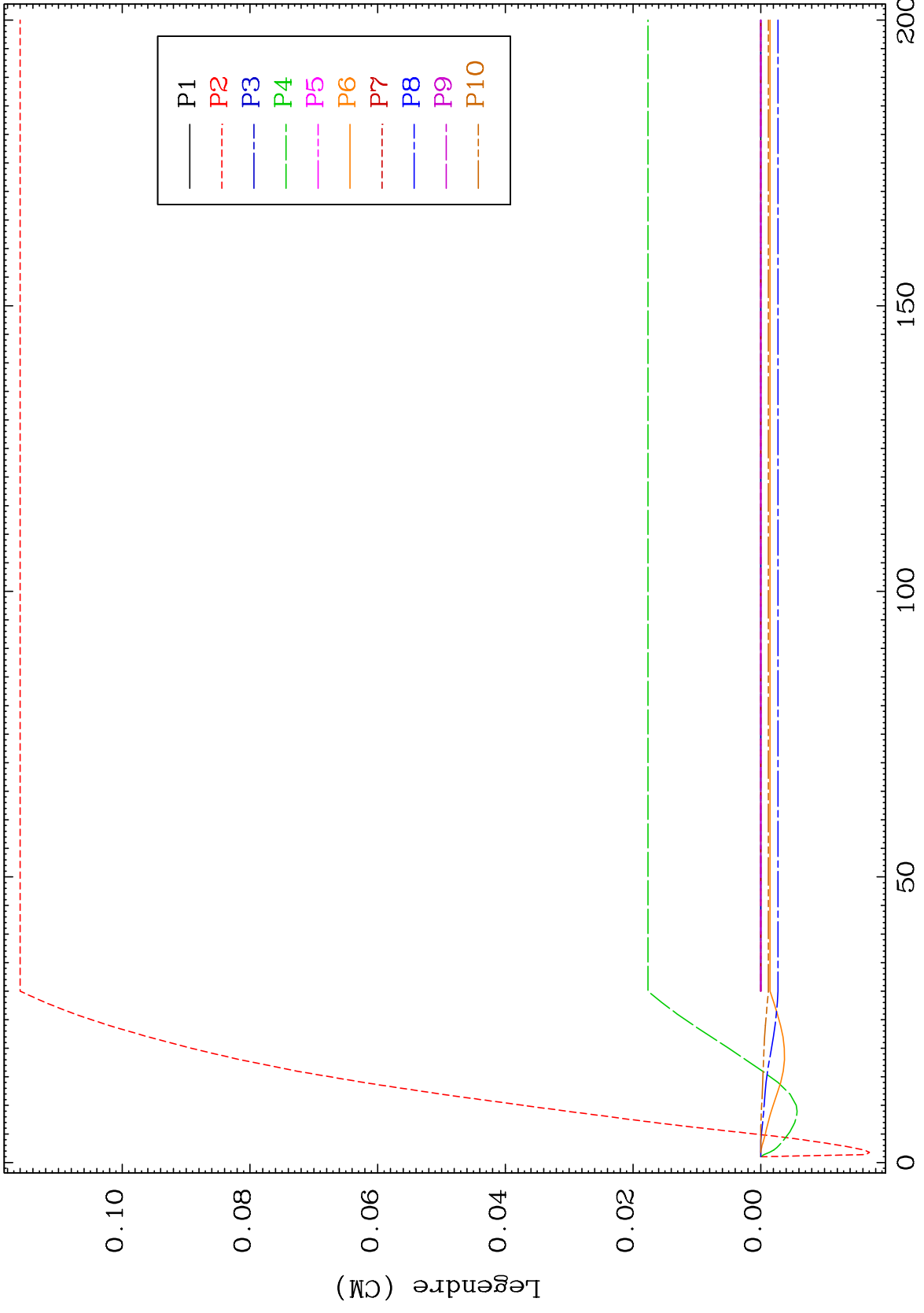
71-Lu-175



126

71-Lu-175

MAT 7125 MT= 80 (n,n') Level Legendre Coefficients 71-Lu-175

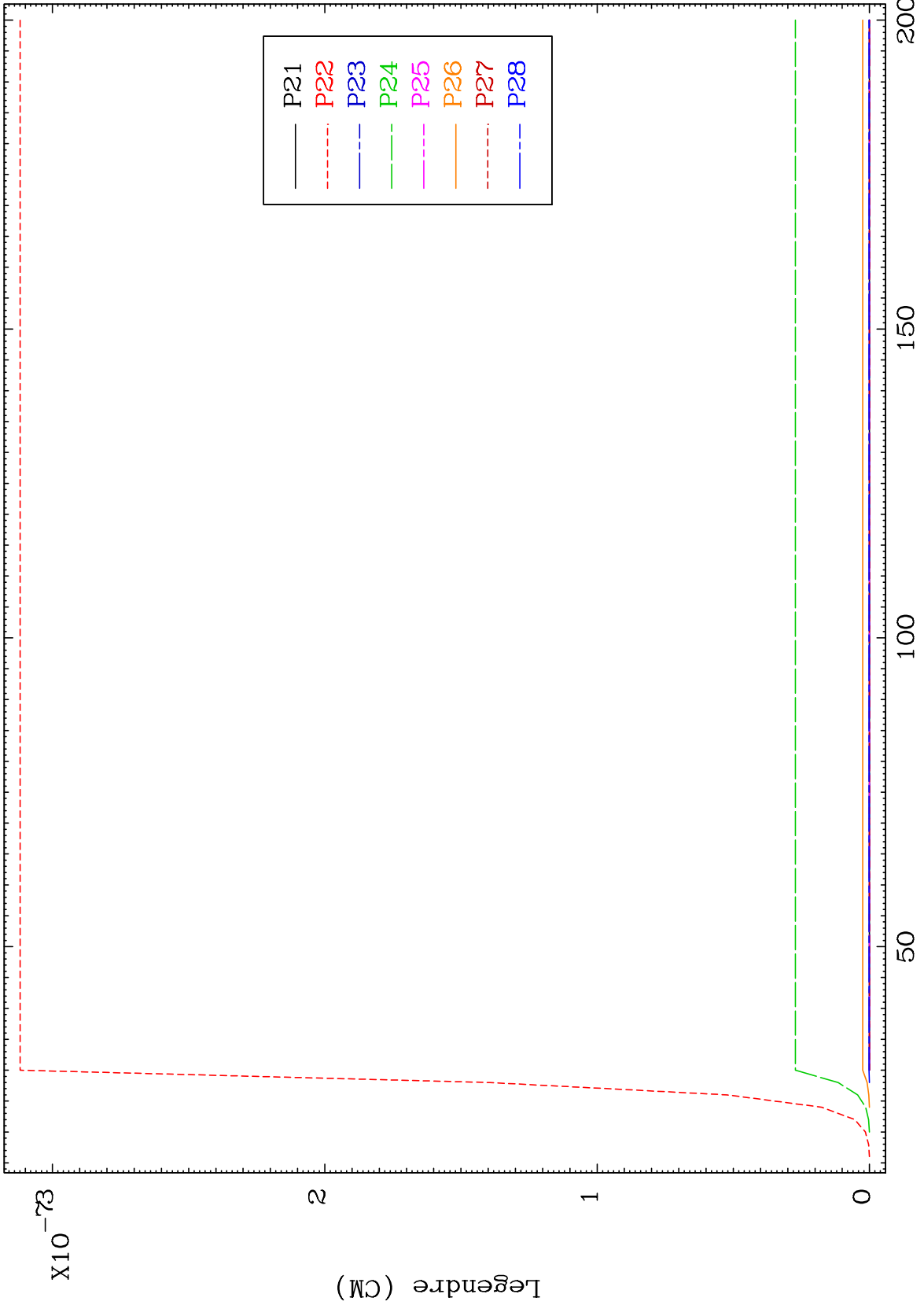


127 71-Lu-175

MAT 7125

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

71-Lu-175



129

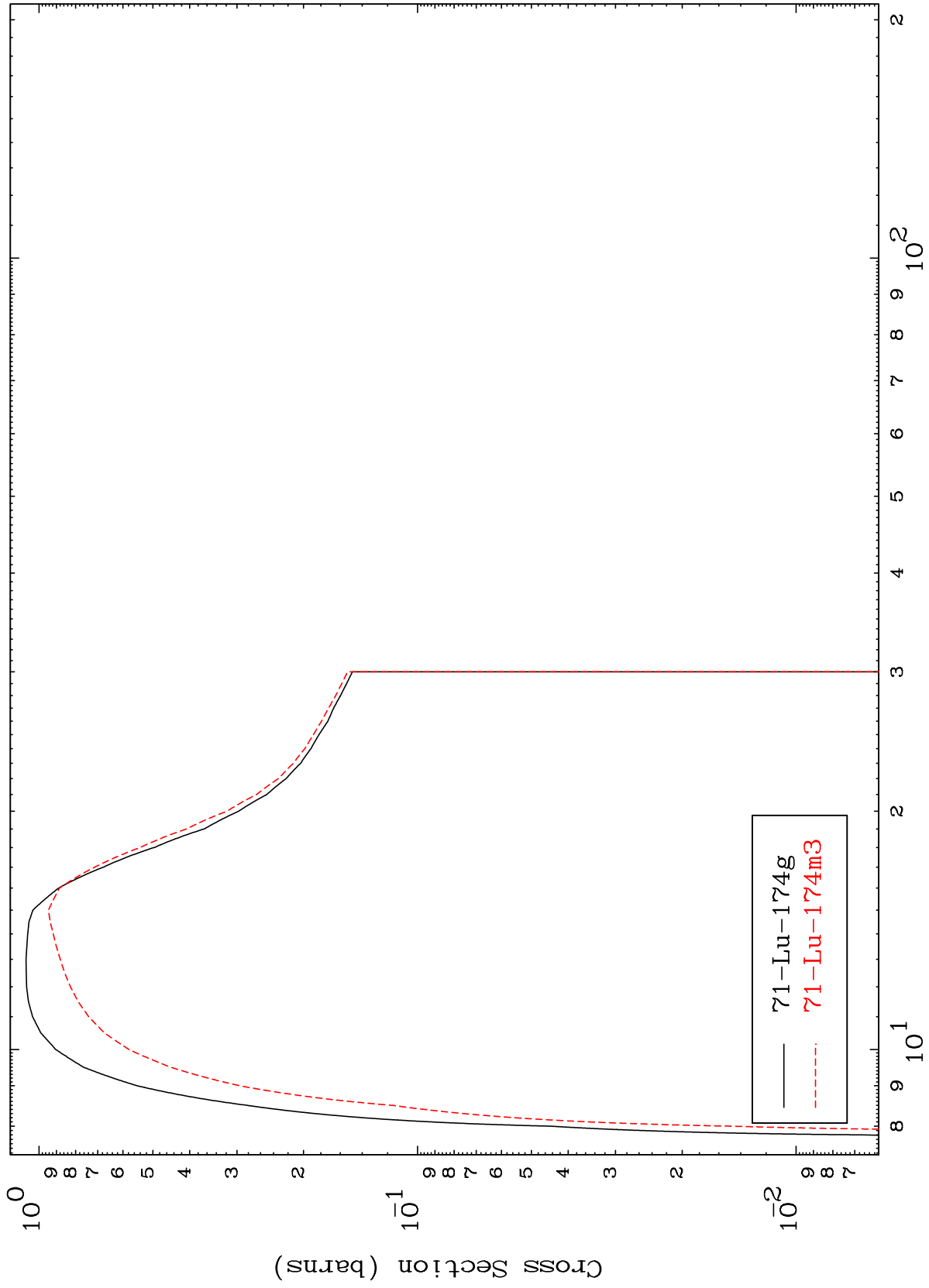
Incident Energy (MeV)

71-Lu-175

MAT 7125

71-Lu-175

(n,2n)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

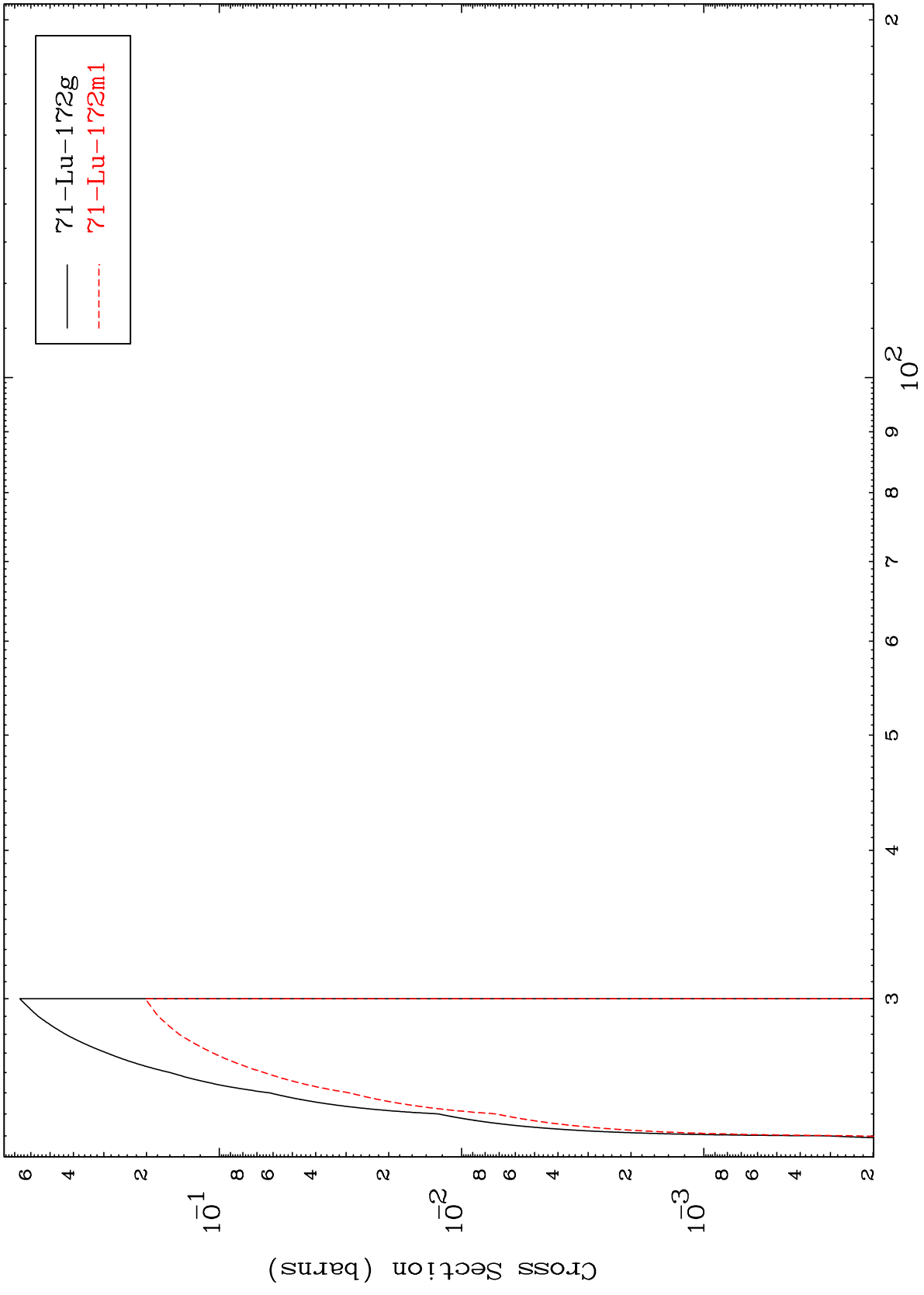
71-Lu-175

MAT 7125

(n,4n)

71-Lu-175

Radionuclide Production Cross Section



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

131

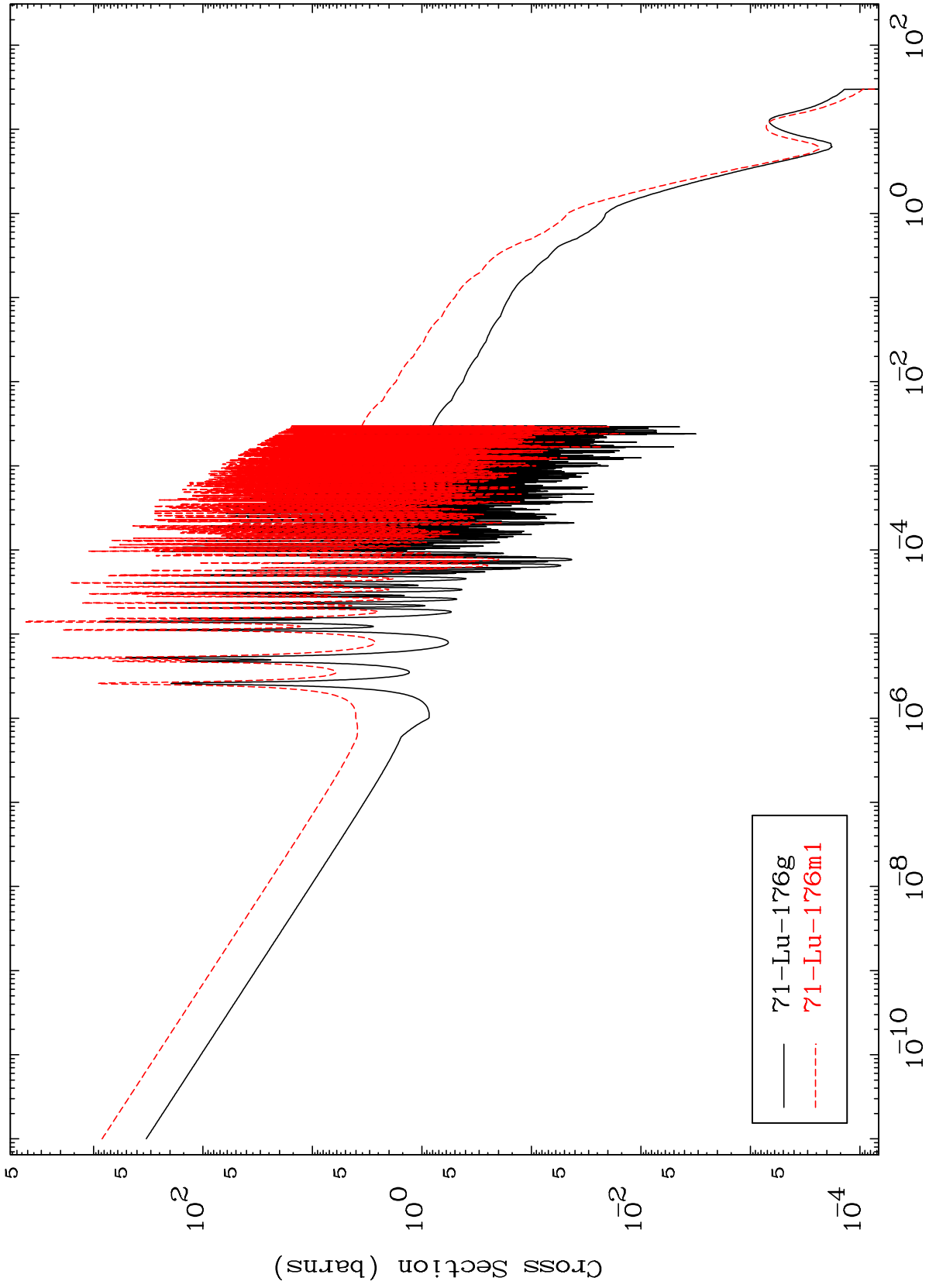
Incident Energy (MeV)

71-Lu-175

MAT 7125

71-Lu-175

(n,γ)
Radionuclide Production Cross Section

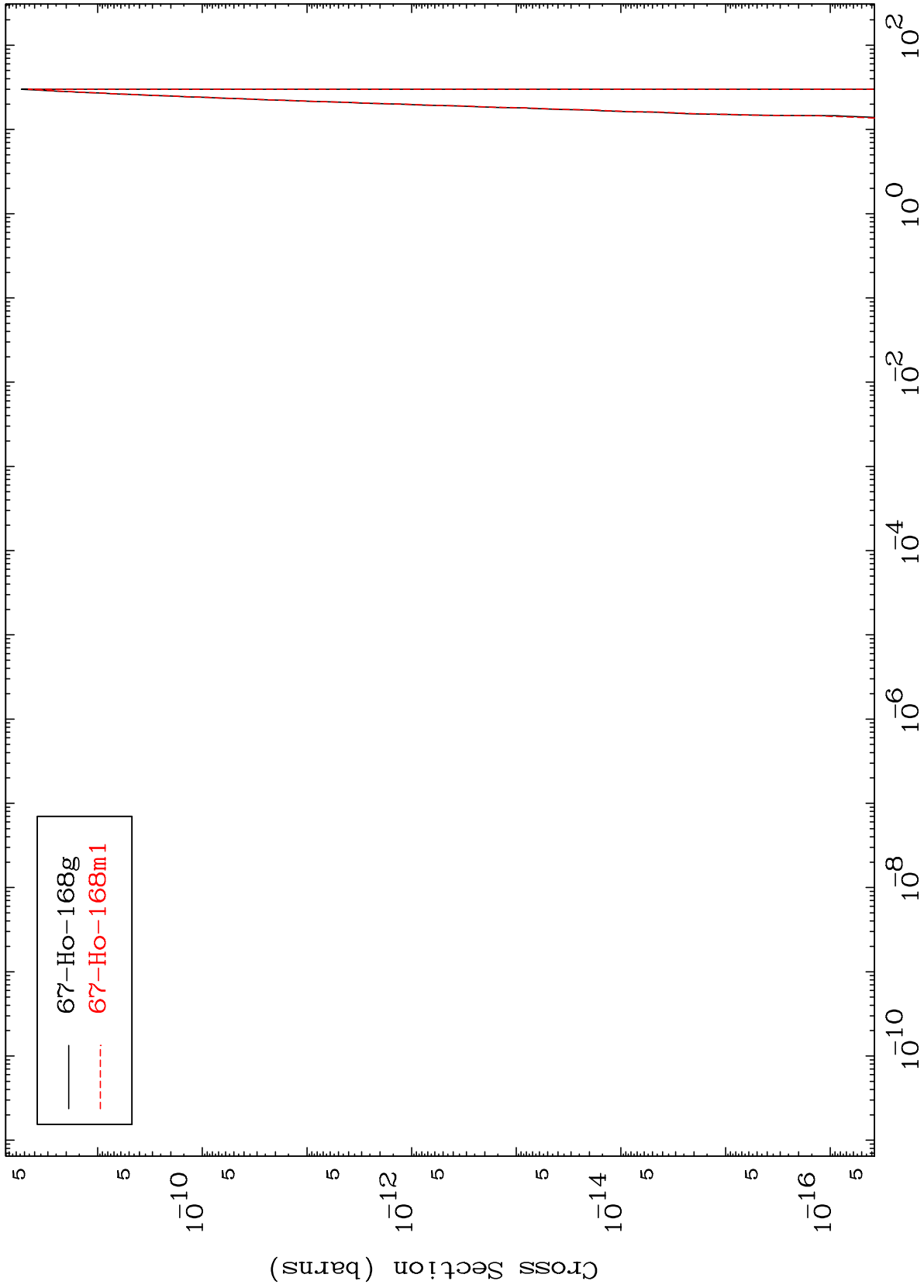


MAT 7125

(n,2α)

71-Lu-175

Radionuclide Production Cross Section



133

Incident Energy (MeV)

71-Lu-175