

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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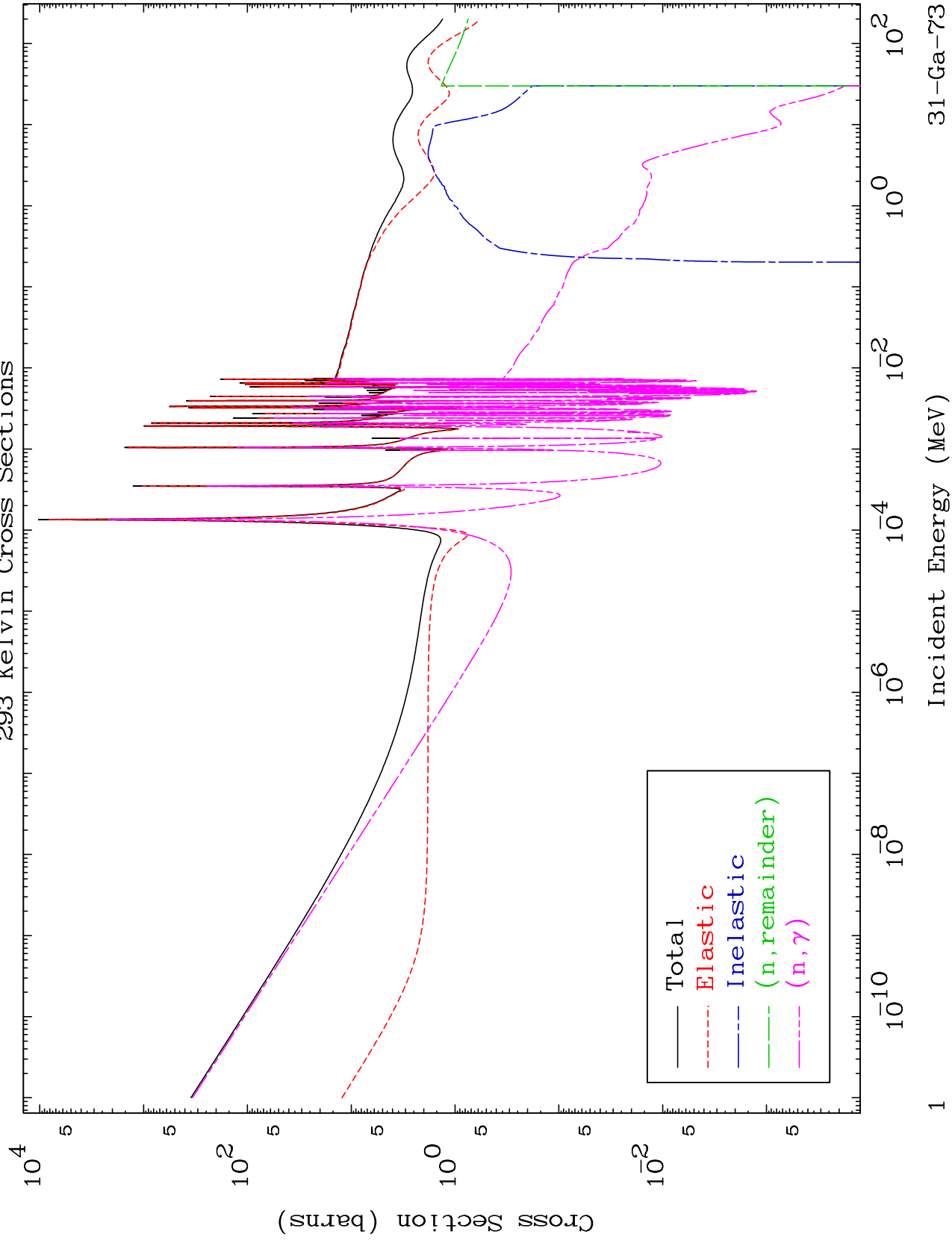
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3137

Major  
293 Kelvin Cross Sections

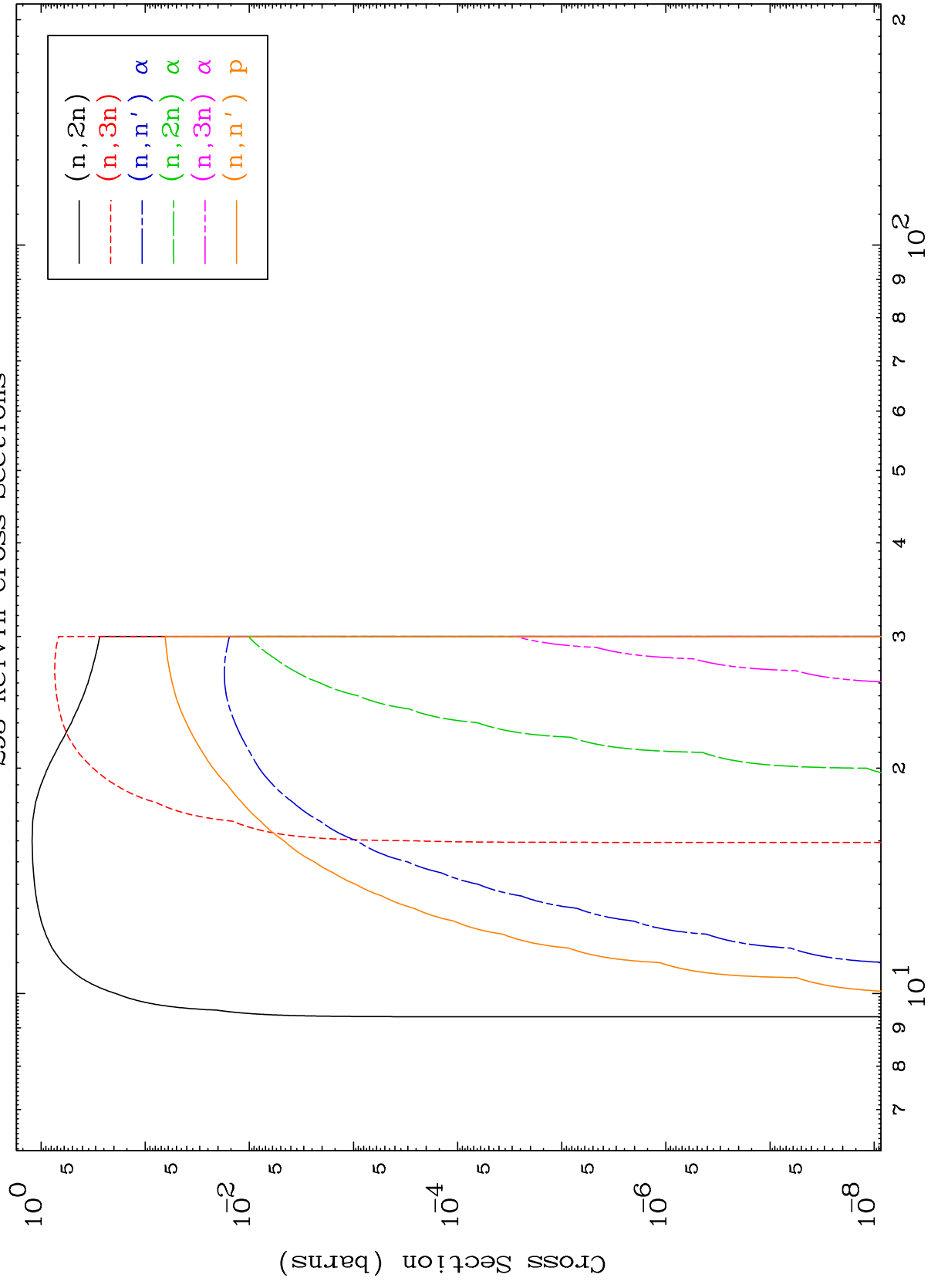
31-Ga-73



MAT 3137

Neutron Production  
293 Kelvin Cross Sections

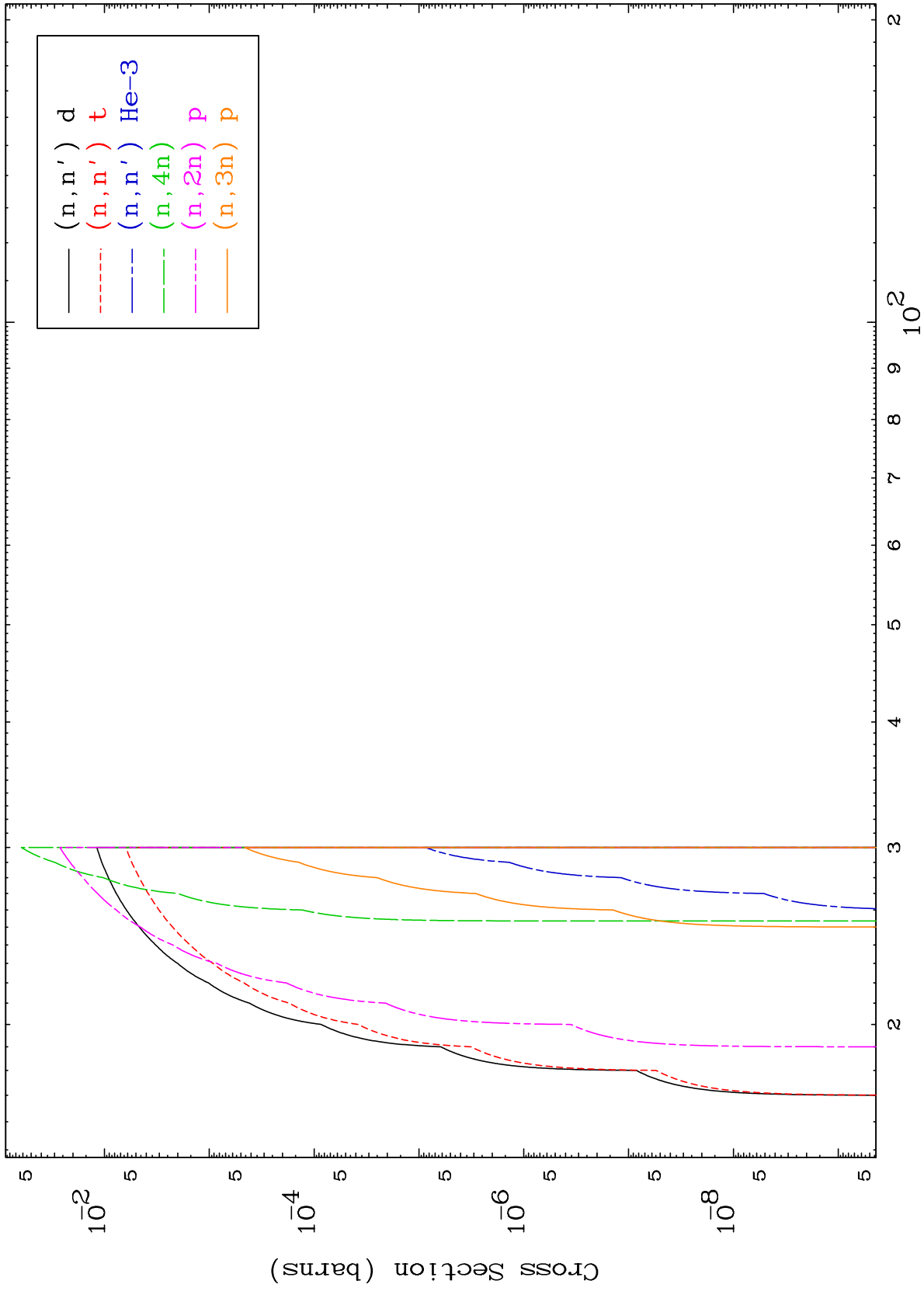
31-Ga-73

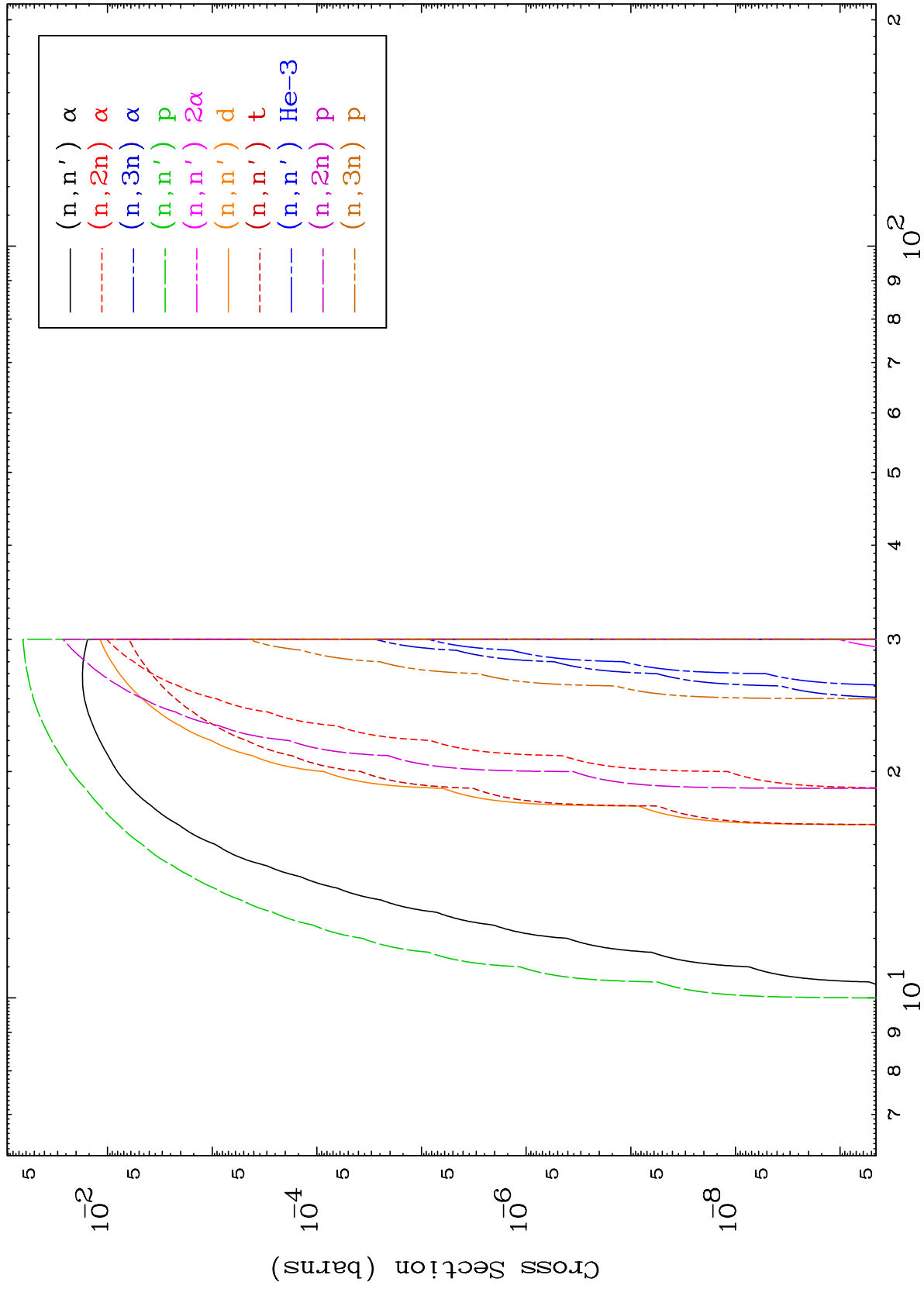


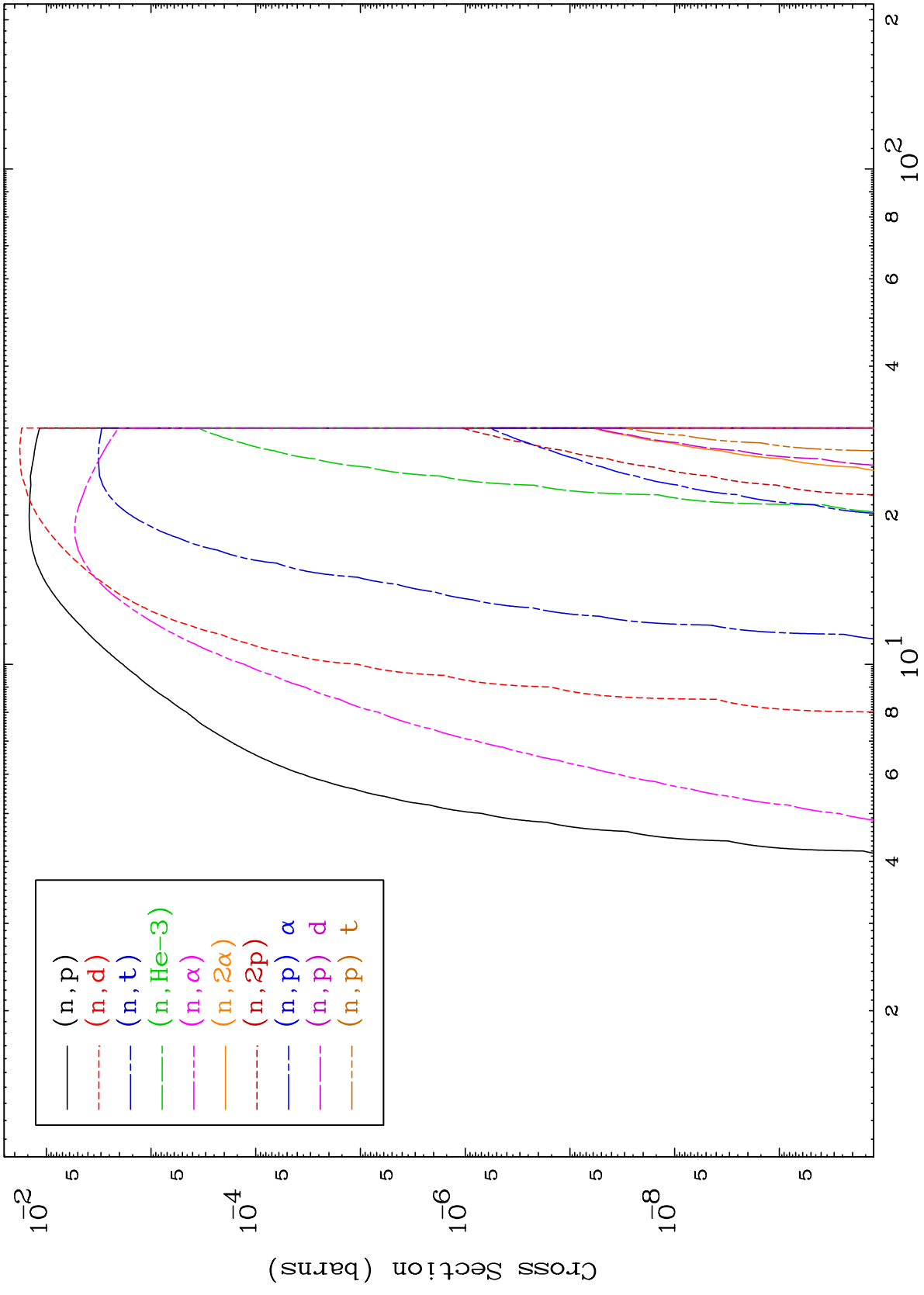
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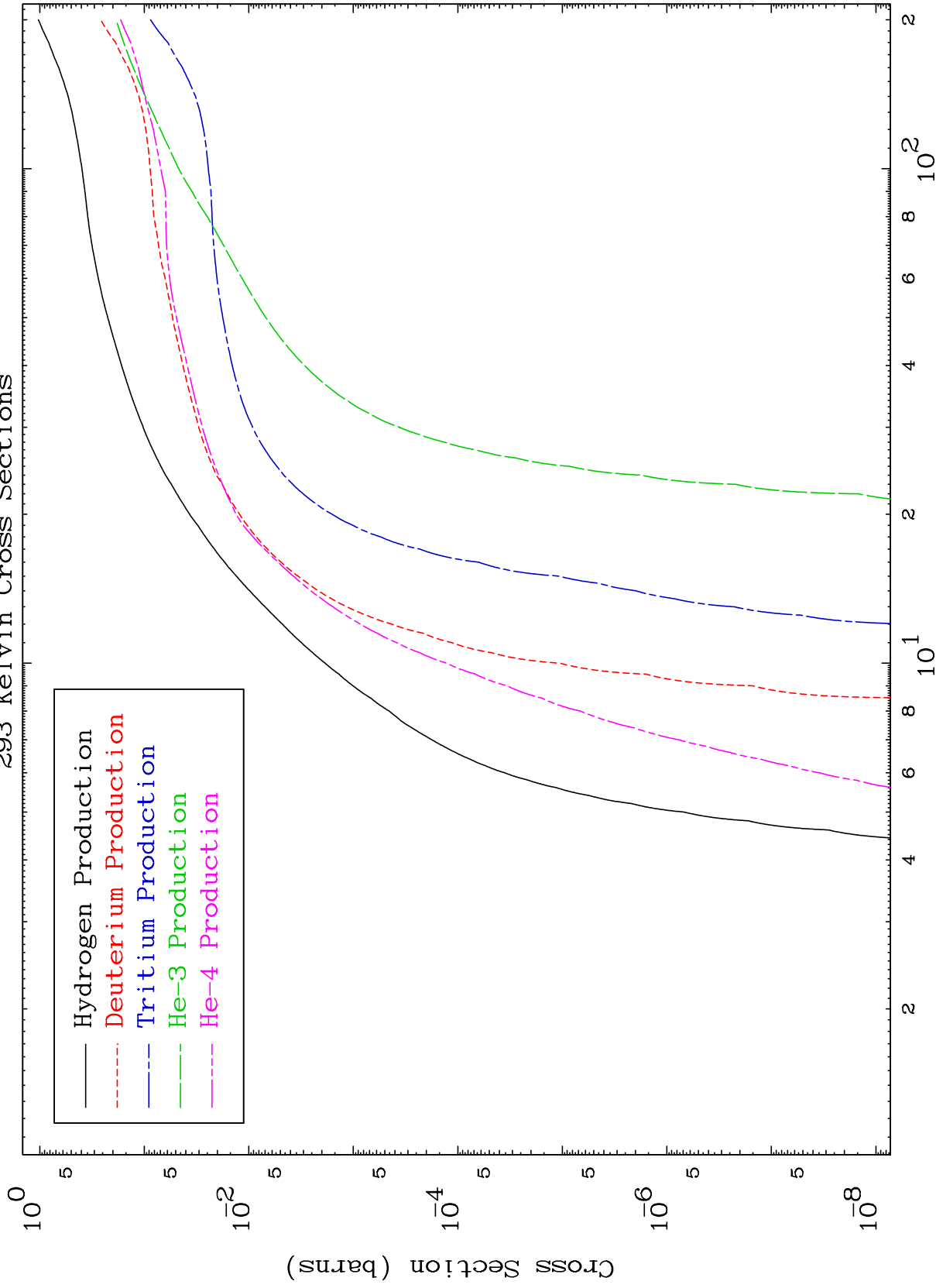
Incident Energy (MeV)

31-Ga-73







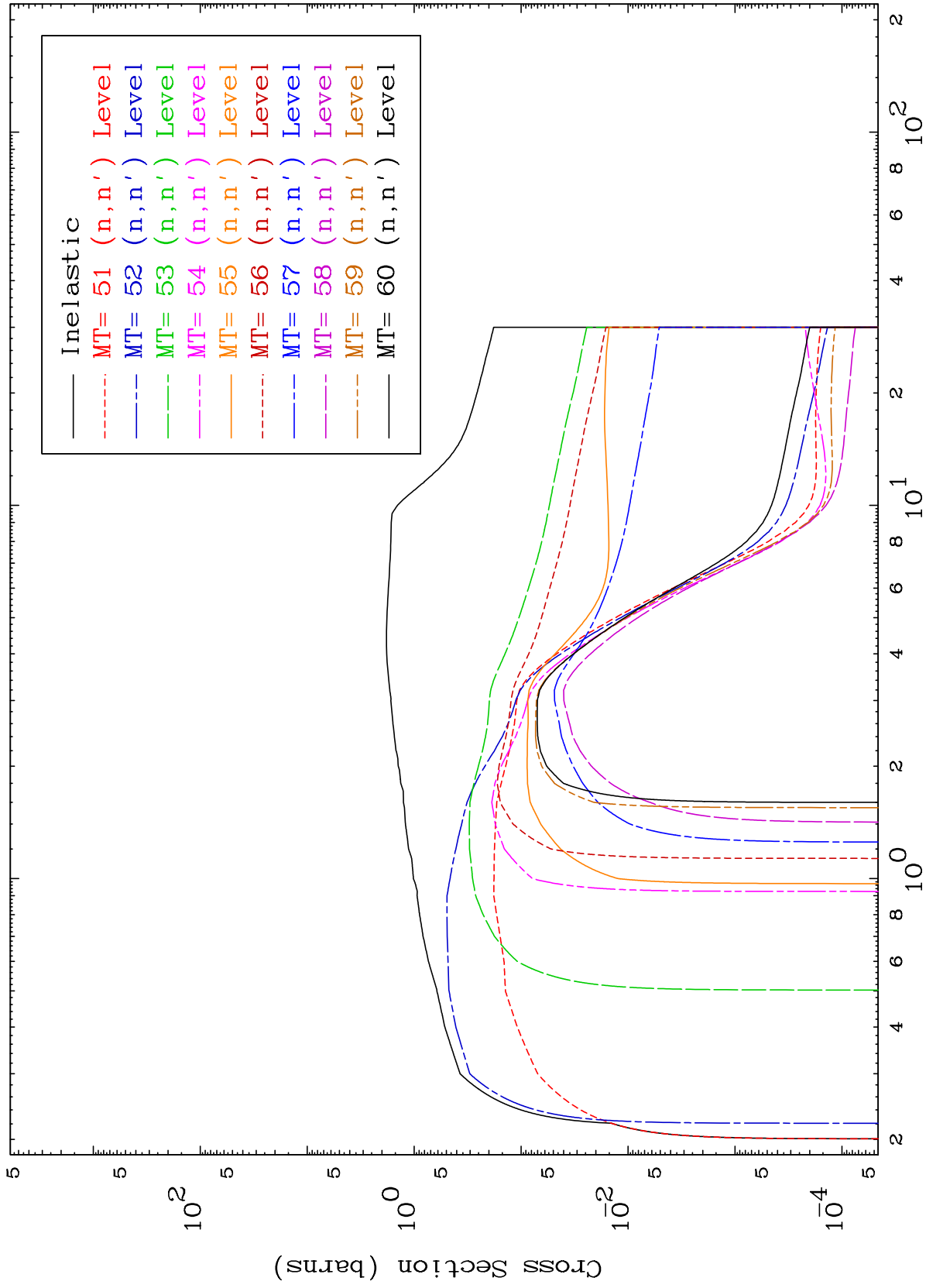


MAT 3137

(n,n') Level

31-Ga-73

293 Kelvin Cross Sections



7

Incident Energy (MeV)

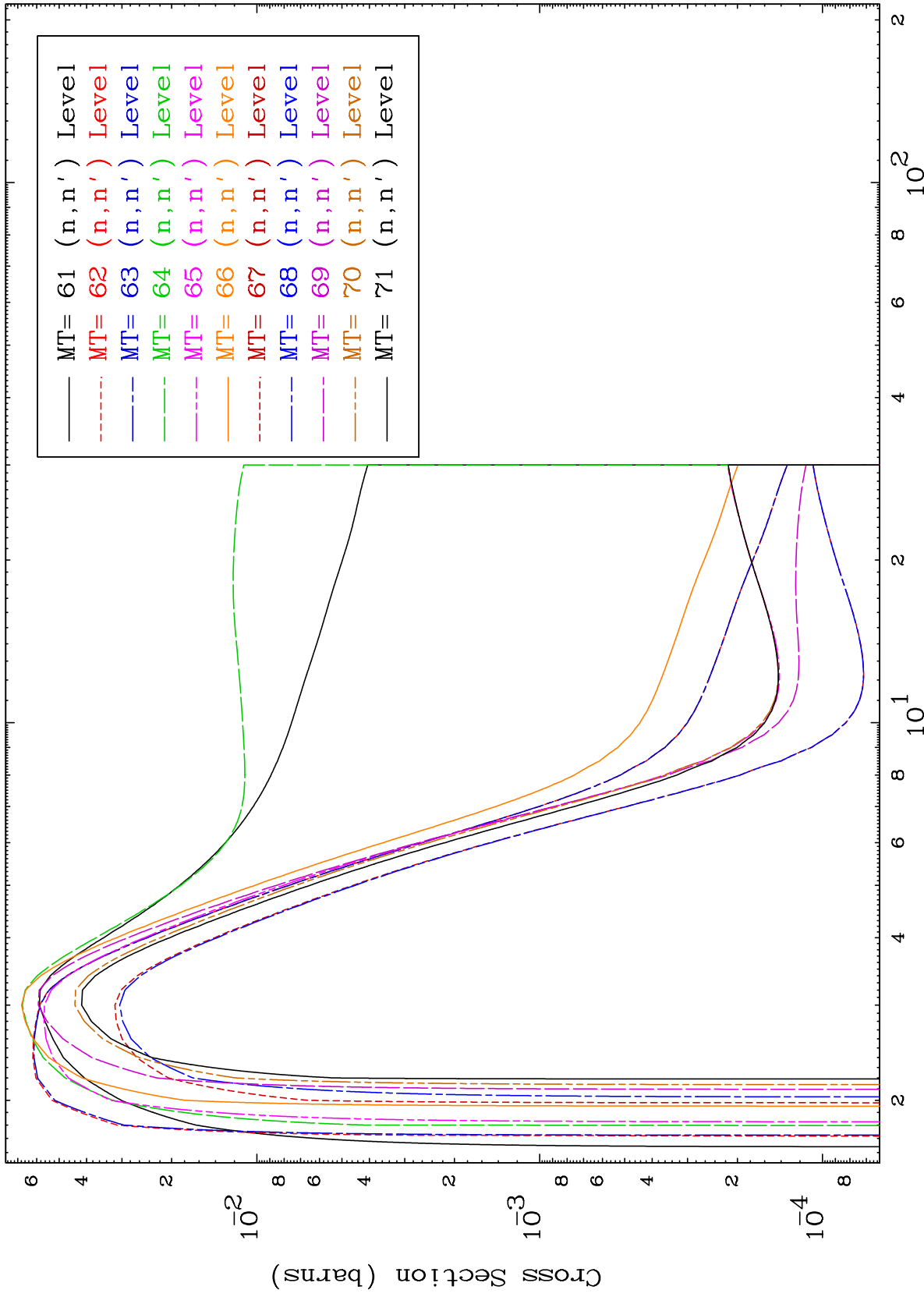
31-Ga-73

MAT 3137

(n,n') Level

31-Ga-73

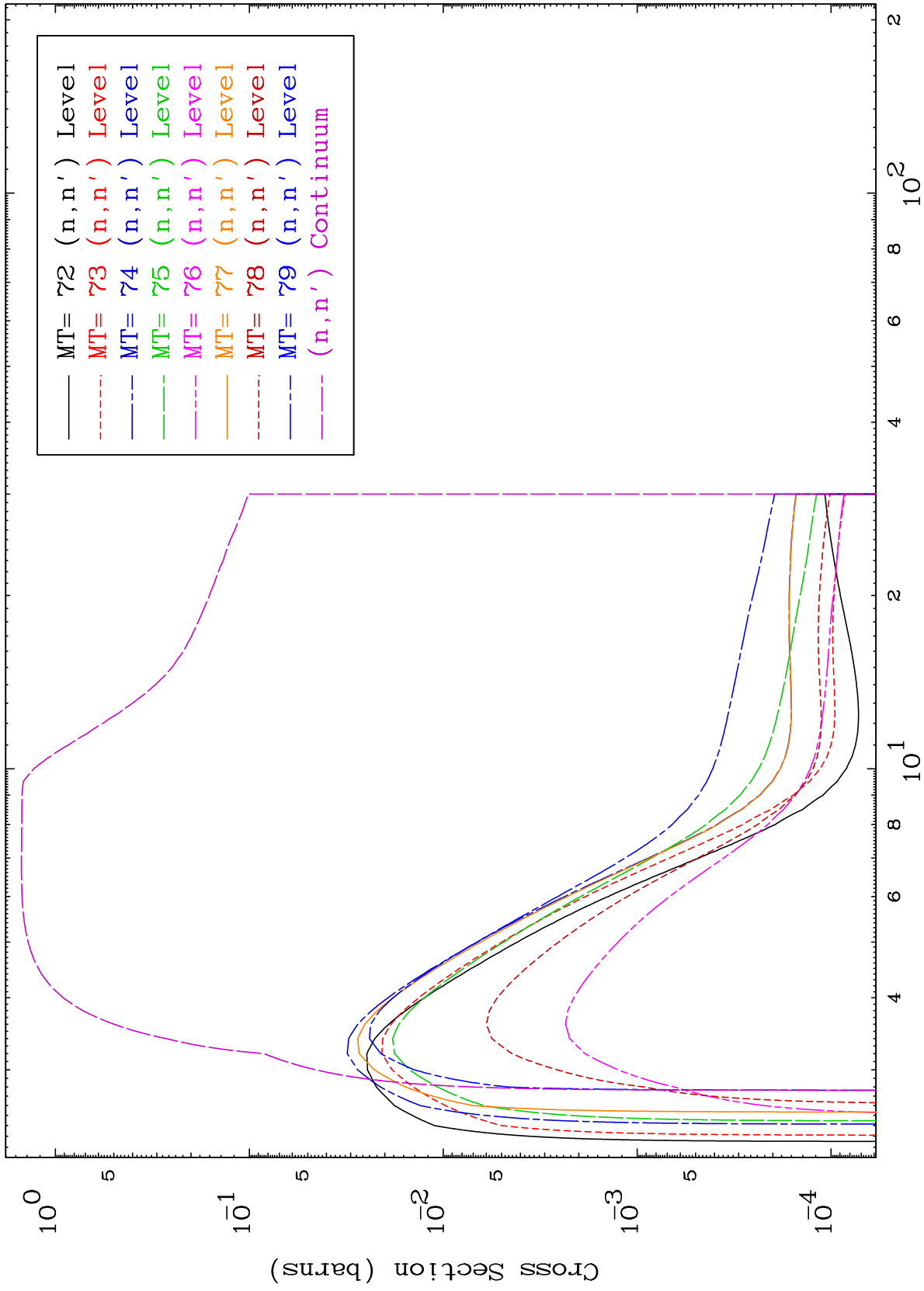
293 Kelvin Cross Sections



8

Incident Energy (MeV)

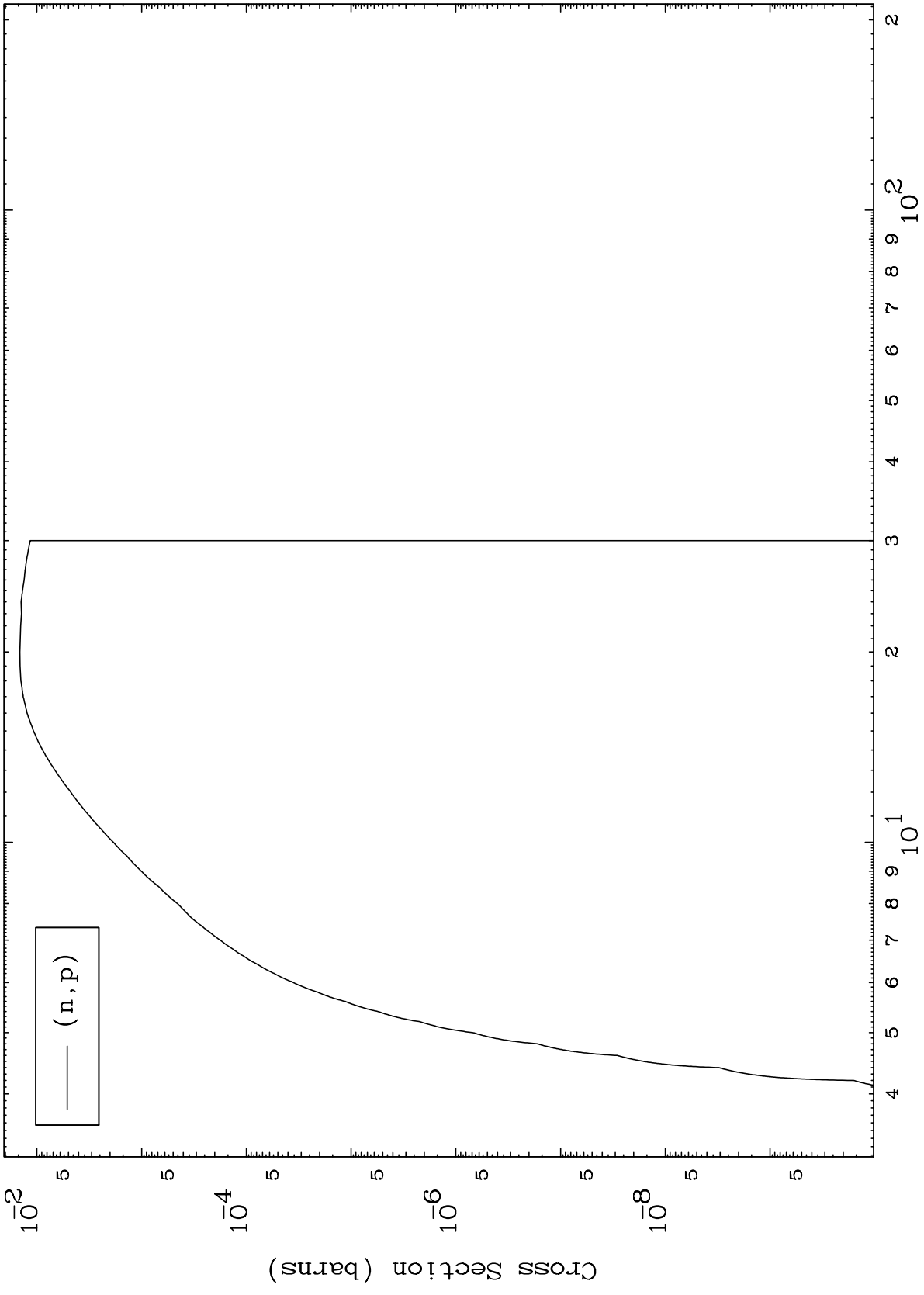
31-Ga-73



MAT 3137

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-73



10

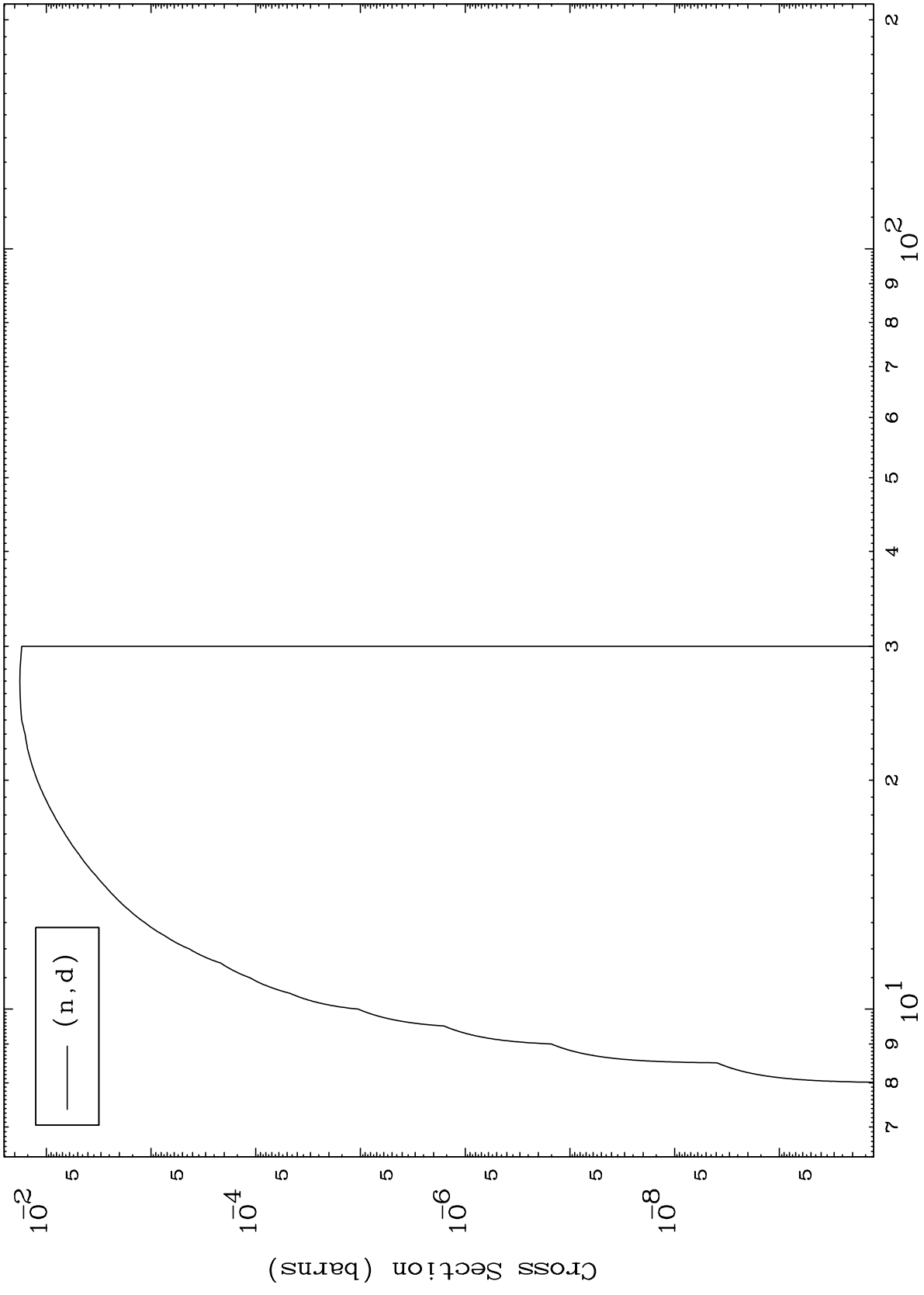
Incident Energy (MeV)

31-Ga-73

MAT 3137

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-73



11

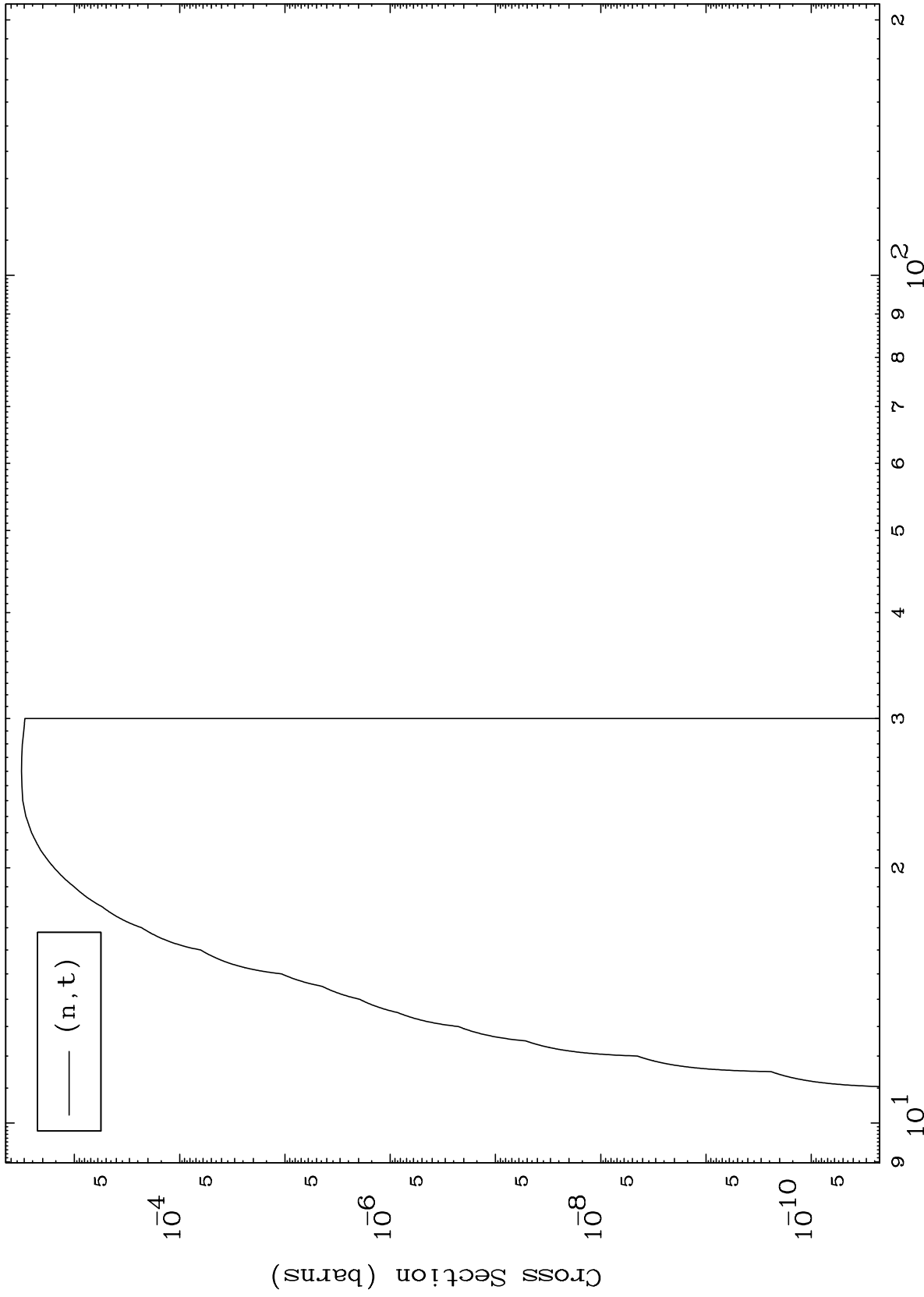
Incident Energy (MeV)

31-Ga-73

MAT 3137

(n,t) Levels  
293 Kelvin Cross Sections

31-Ga-73



12

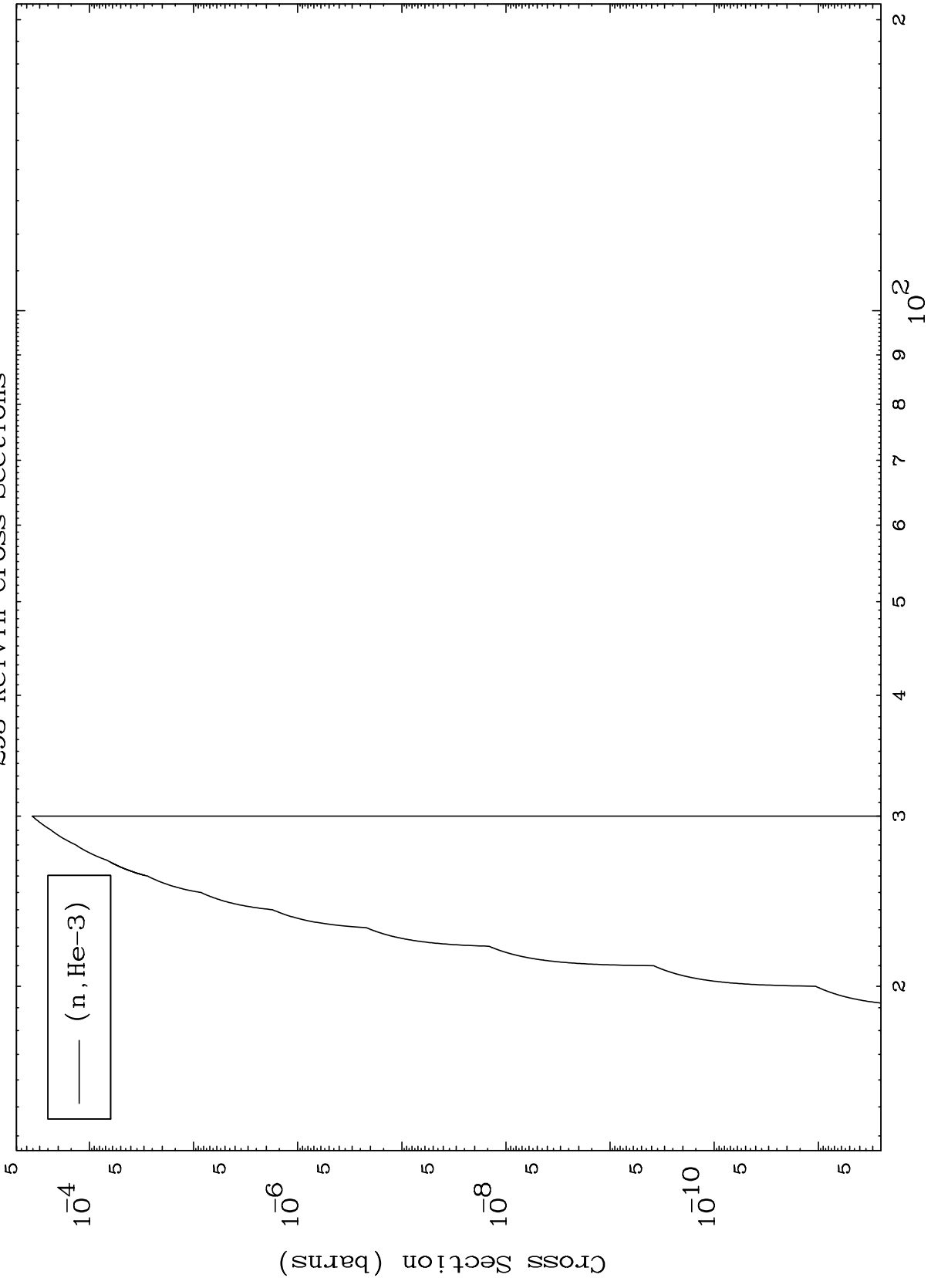
Incident Energy (MeV)

31-Ga-73

MAT 3137

(n,He3) Levels  
293 Kelvin Cross Sections

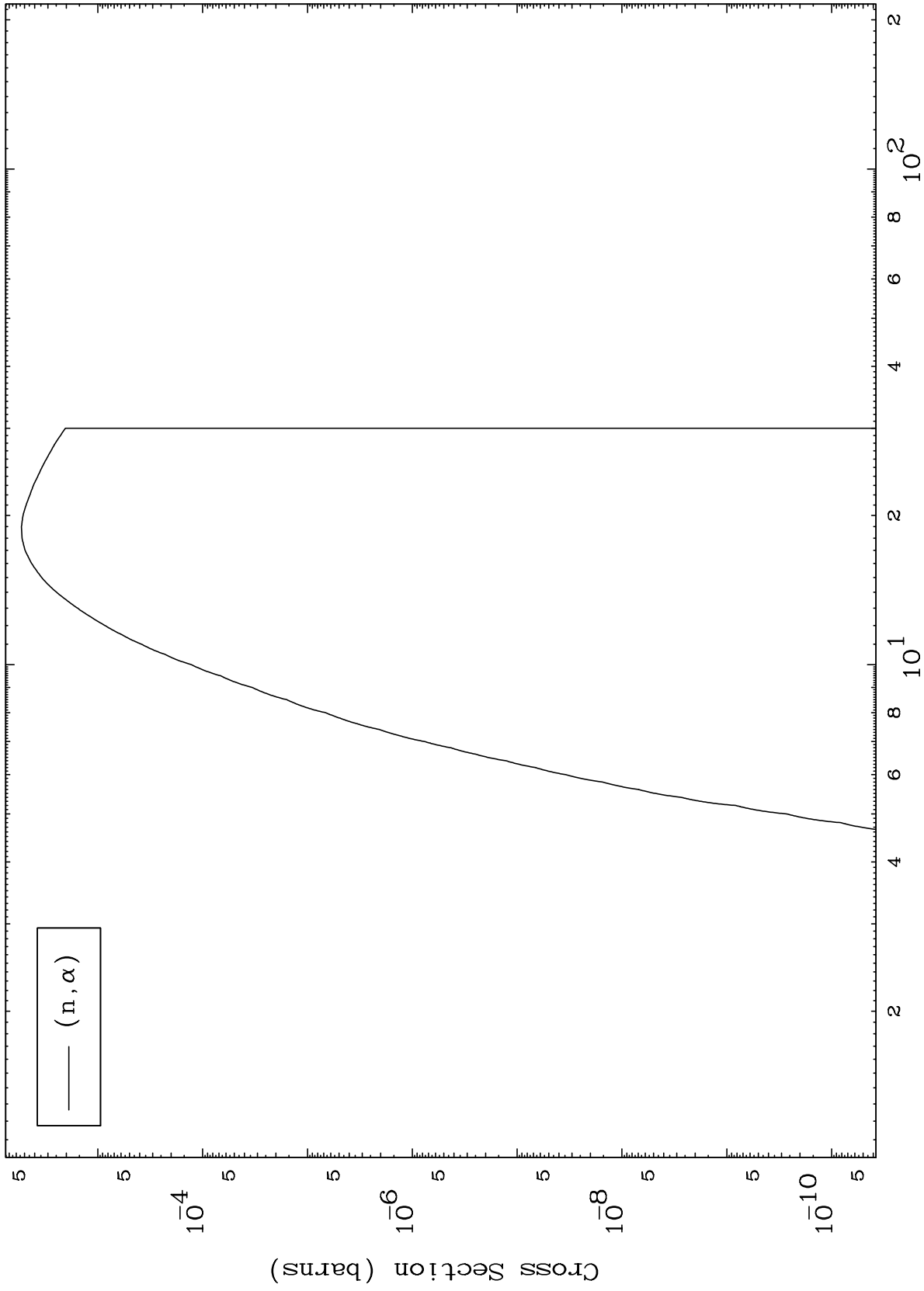
31-Ga-73



MAT 3137

(n,α) Levels  
293 Kelvin Cross Sections

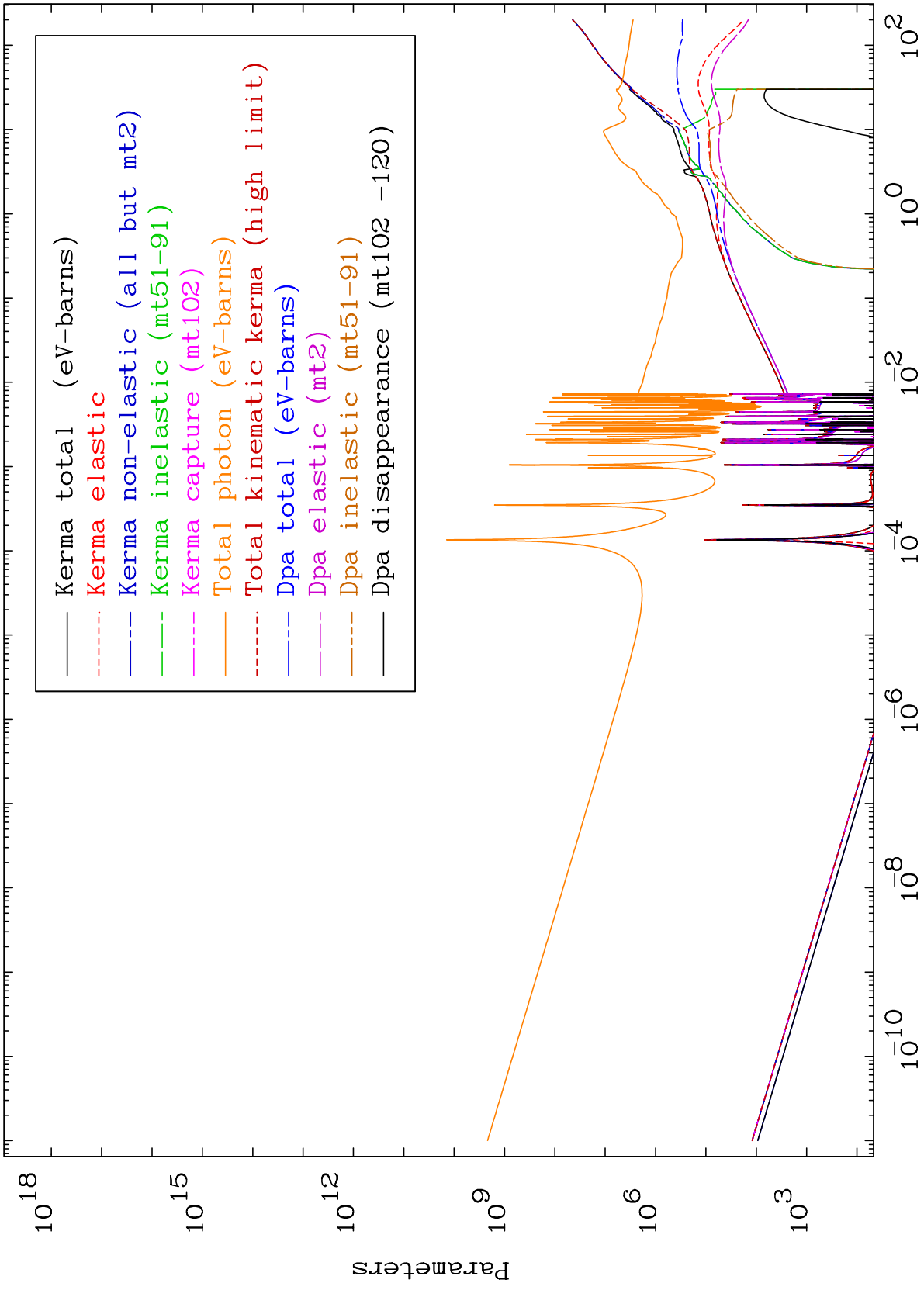
31-Ga-73



14

Incident Energy (MeV)

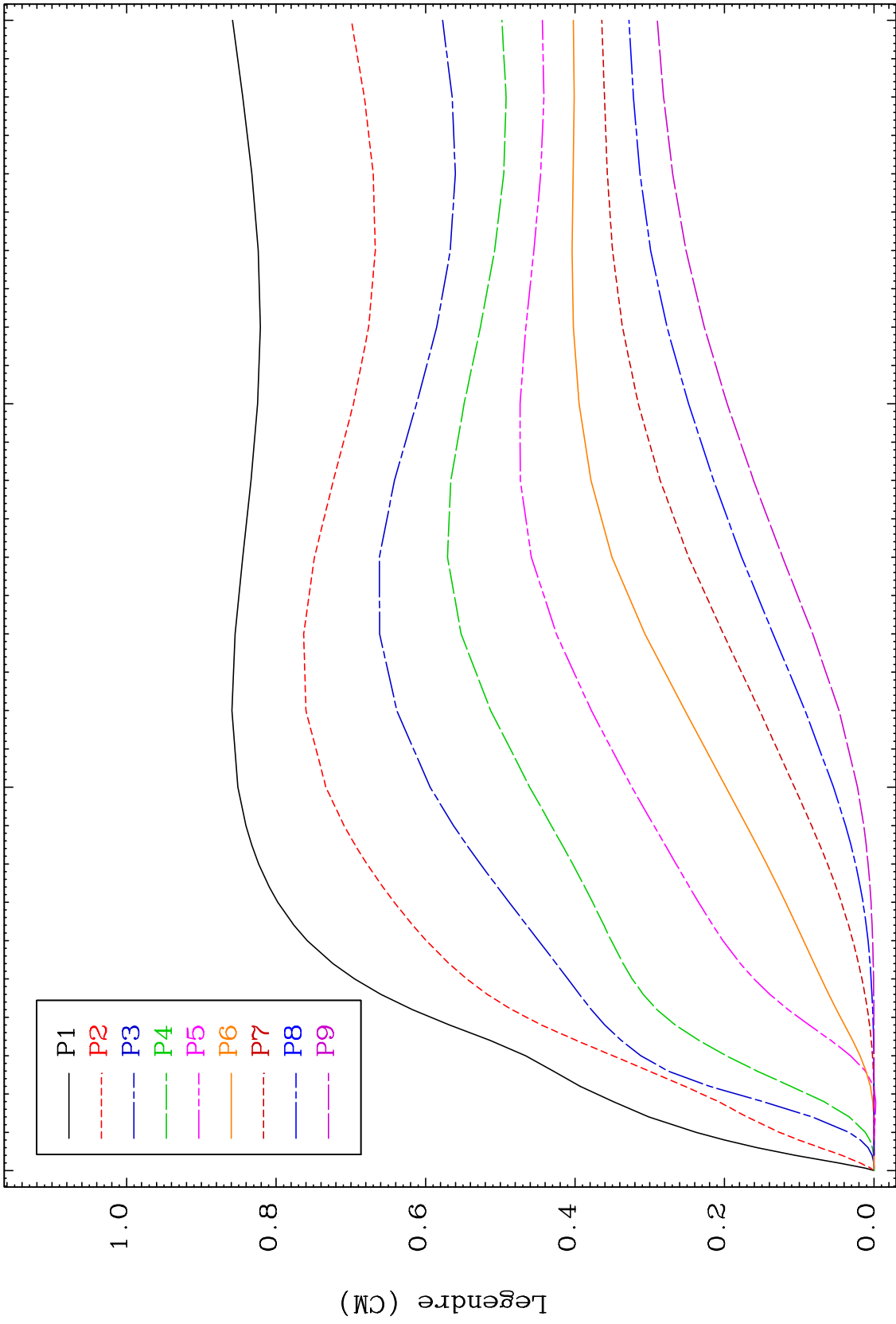
31-Ga-73



MAT 3137

Elastic Legendre Coefficients

31-Ga-73



16

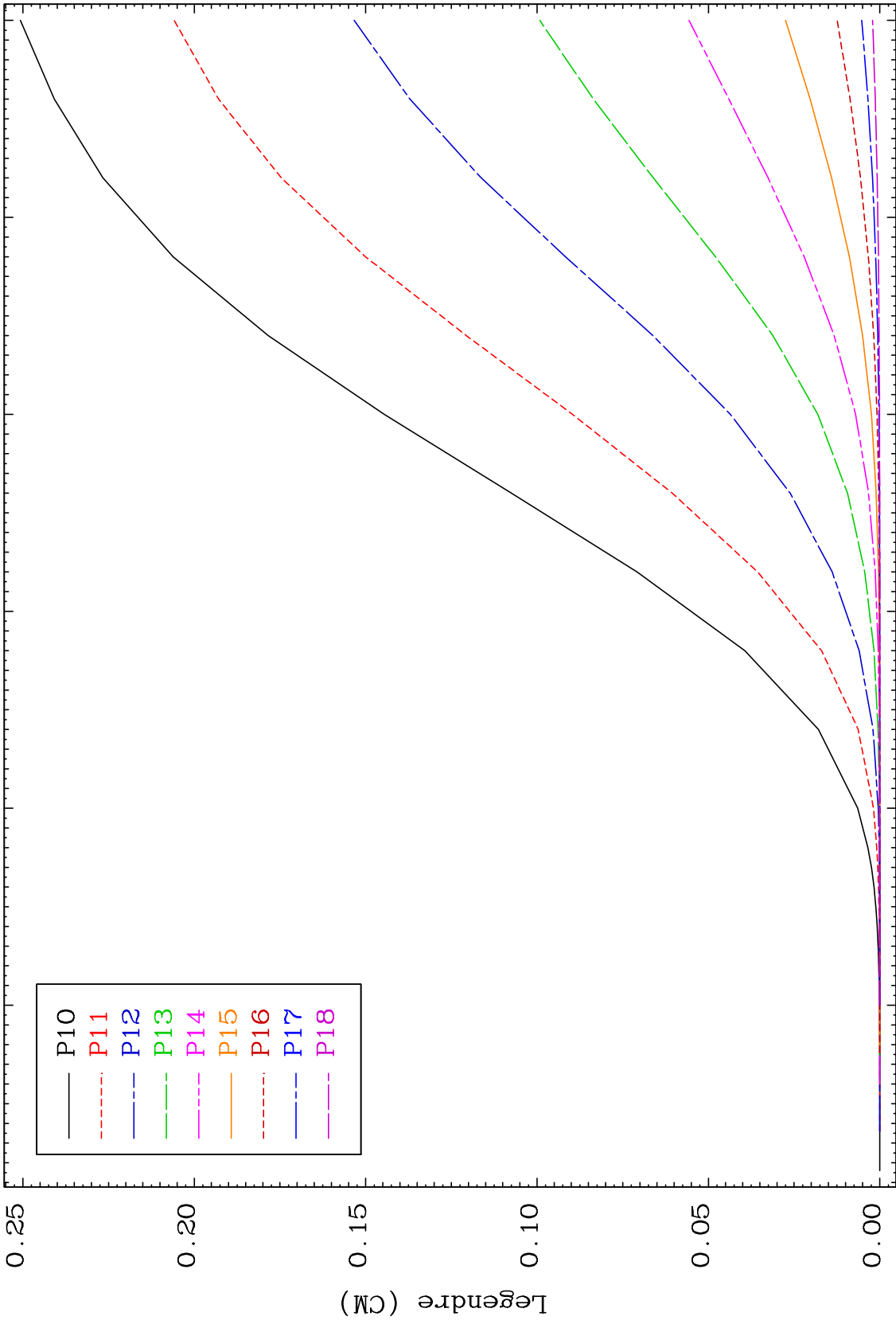
Incident Energy (MeV)

31-Ga-73

MAT 3137

Elastic Legendre Coefficients

31-Ga-73



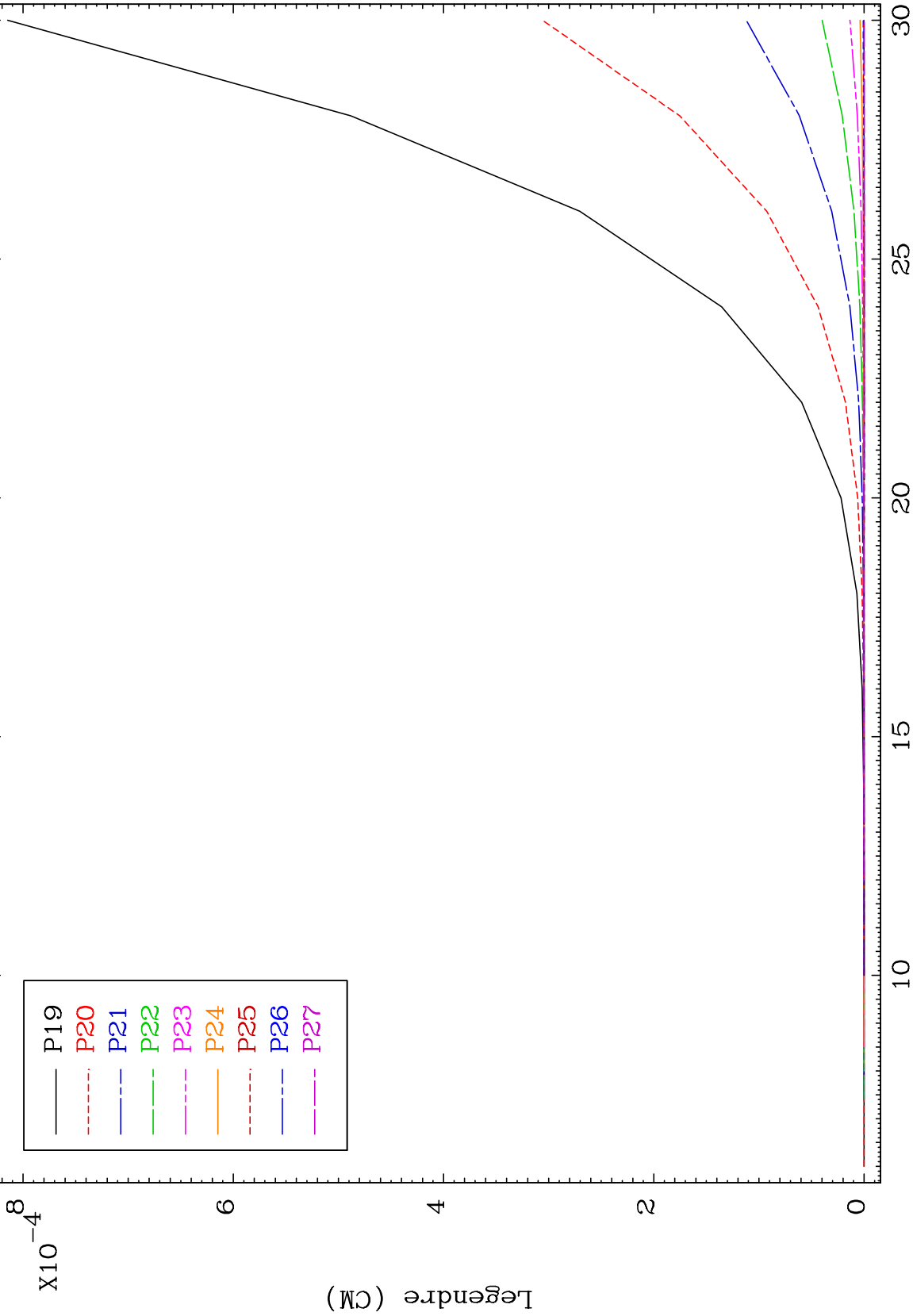
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31-Ga-73

MAT 3137

### Elastic Legendre Coefficients

31-Ga-73



18

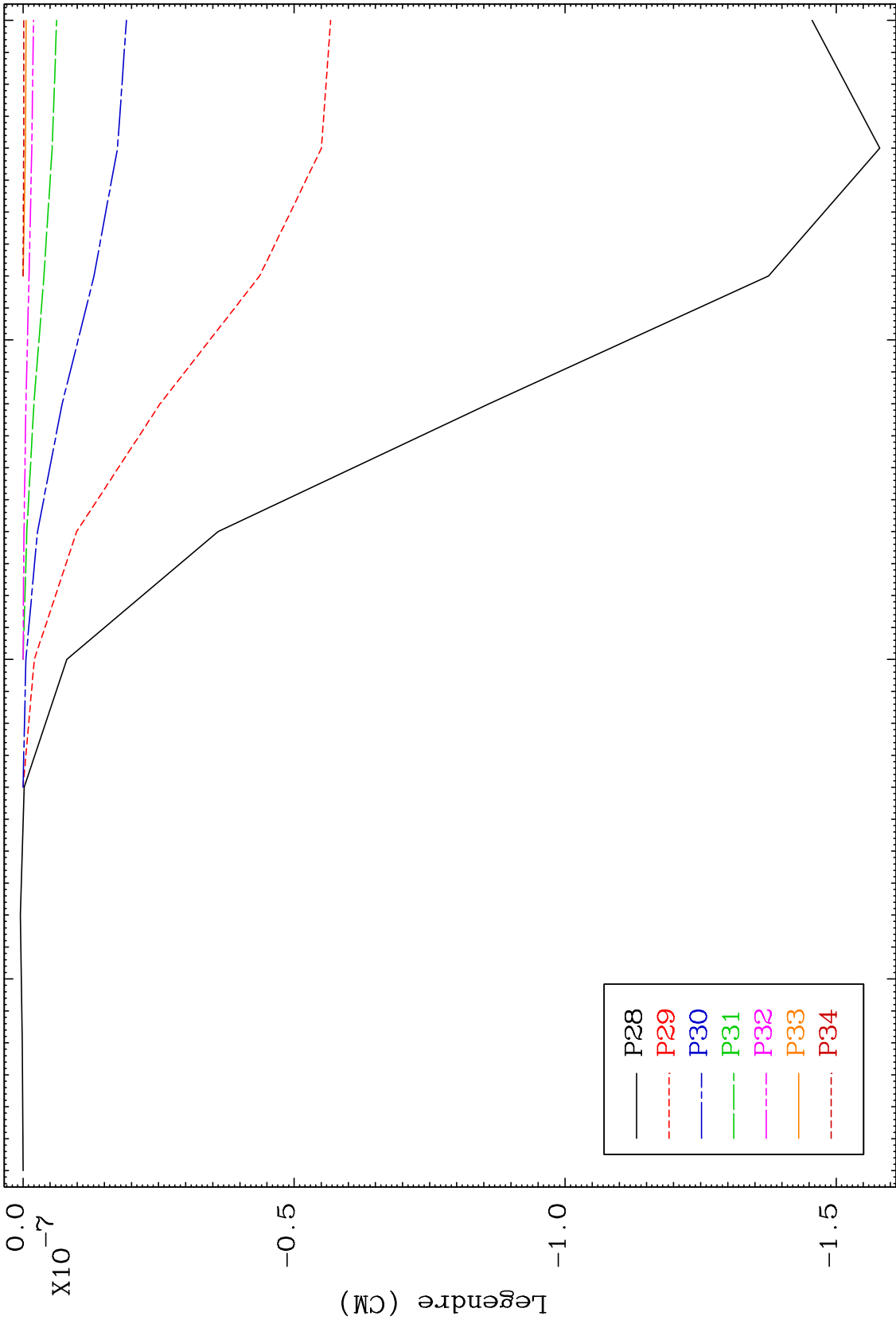
Incident Energy (MeV)

31-Ga-73

MAT 3137

31-Ga-73

Elastic Legendre Coefficients



19

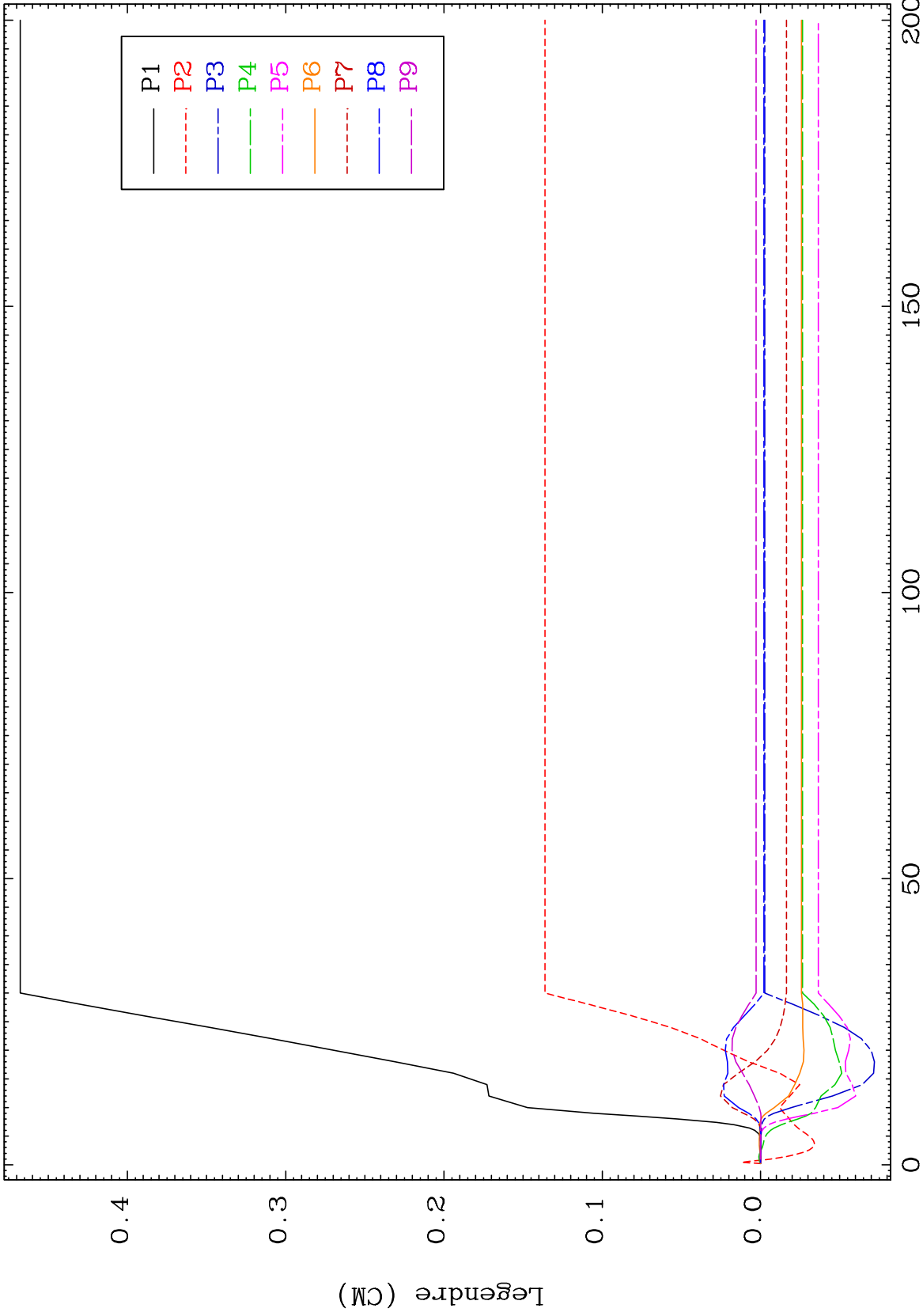
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



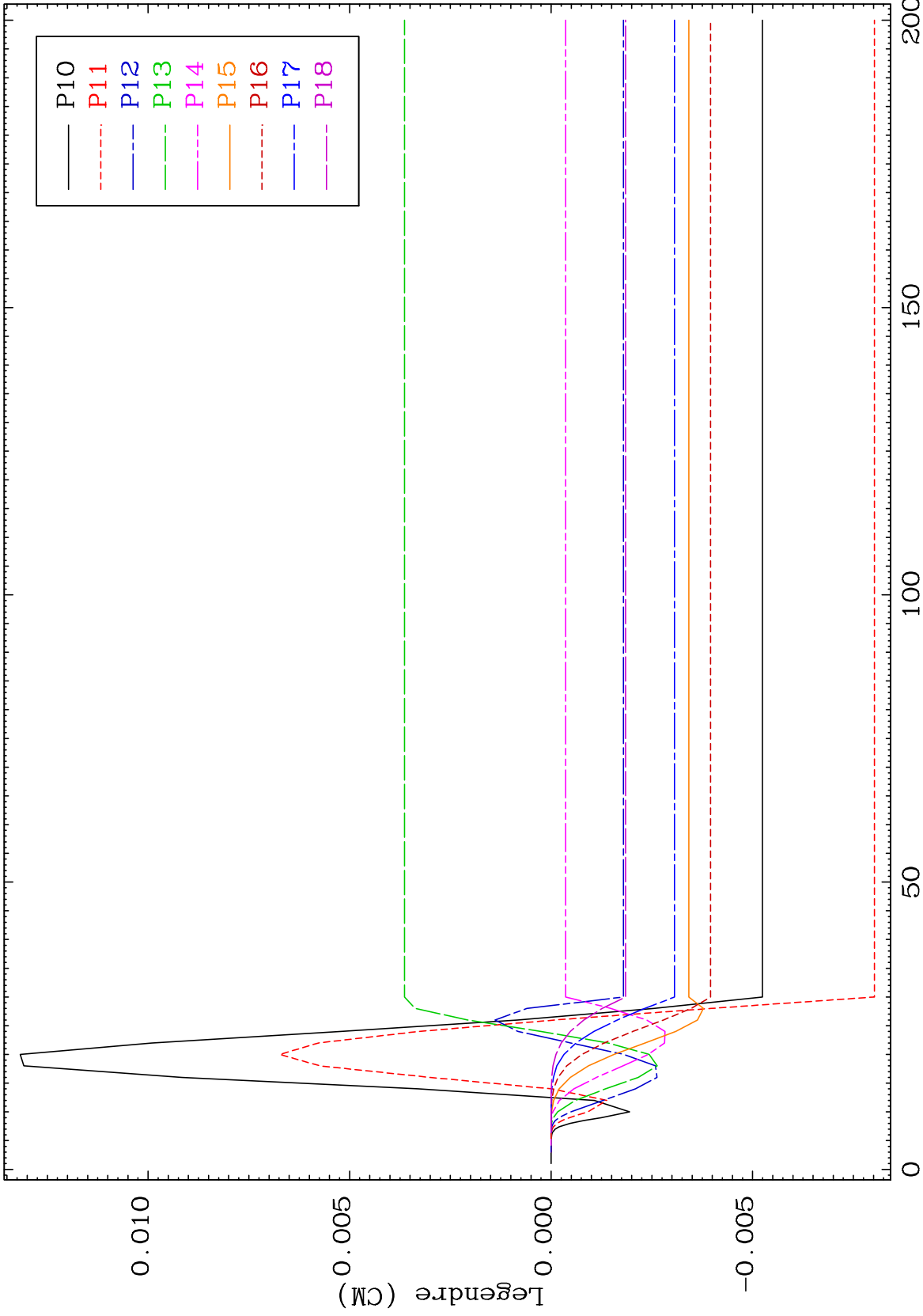
31-Ga-73

Incident Energy (MeV)

MAT 3137

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

31-Ga-73



21

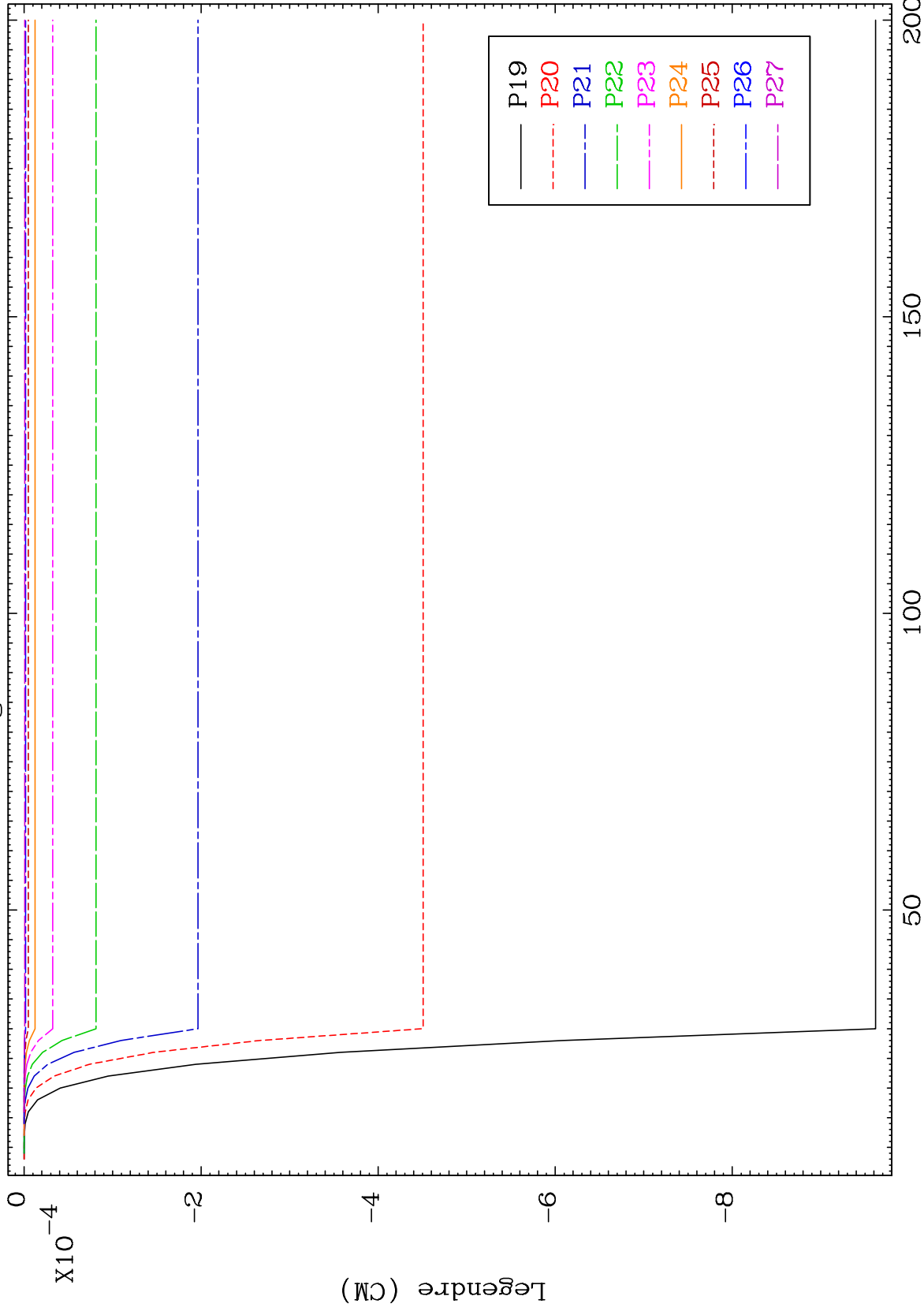
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



22

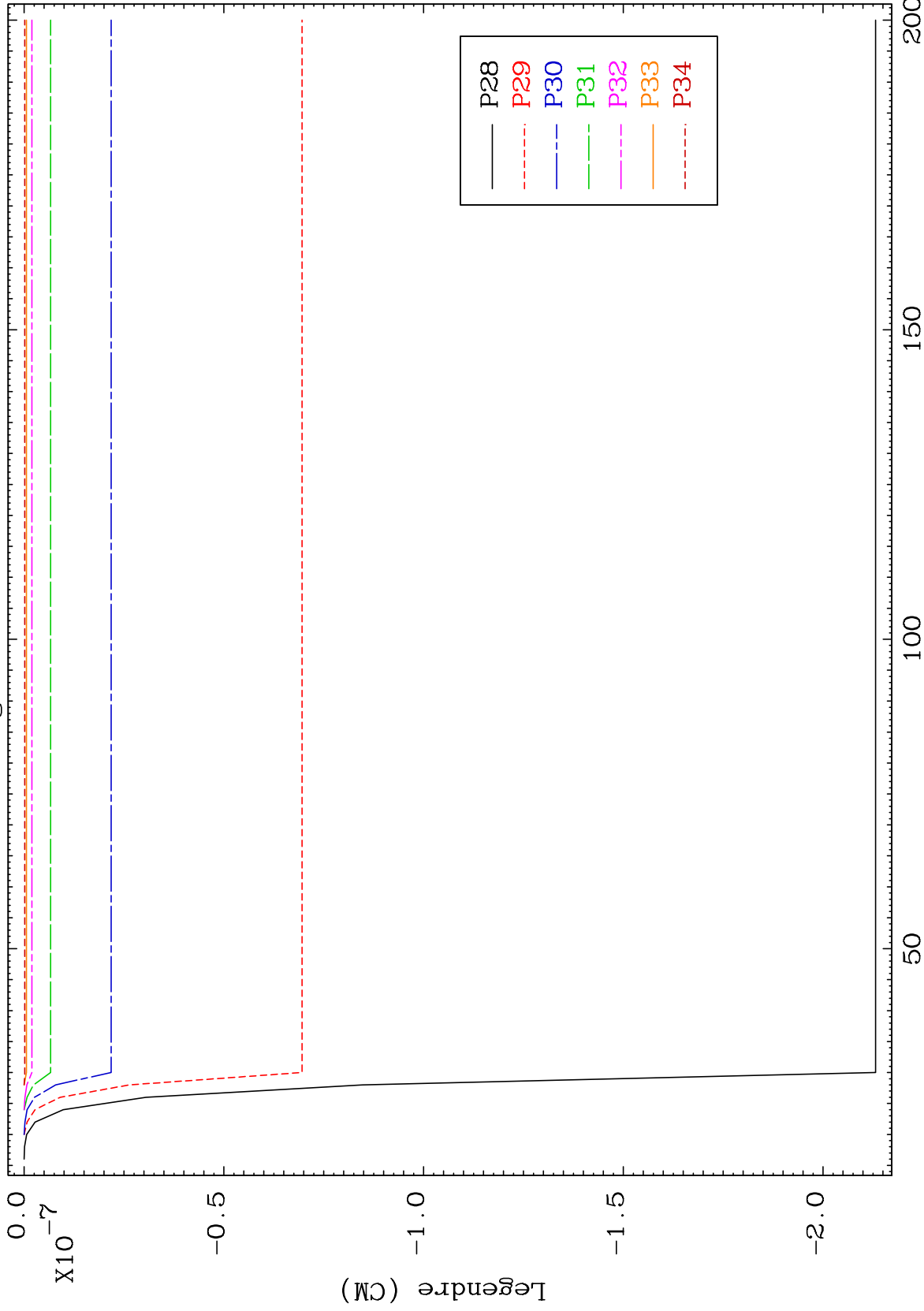
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



31-Ga-73

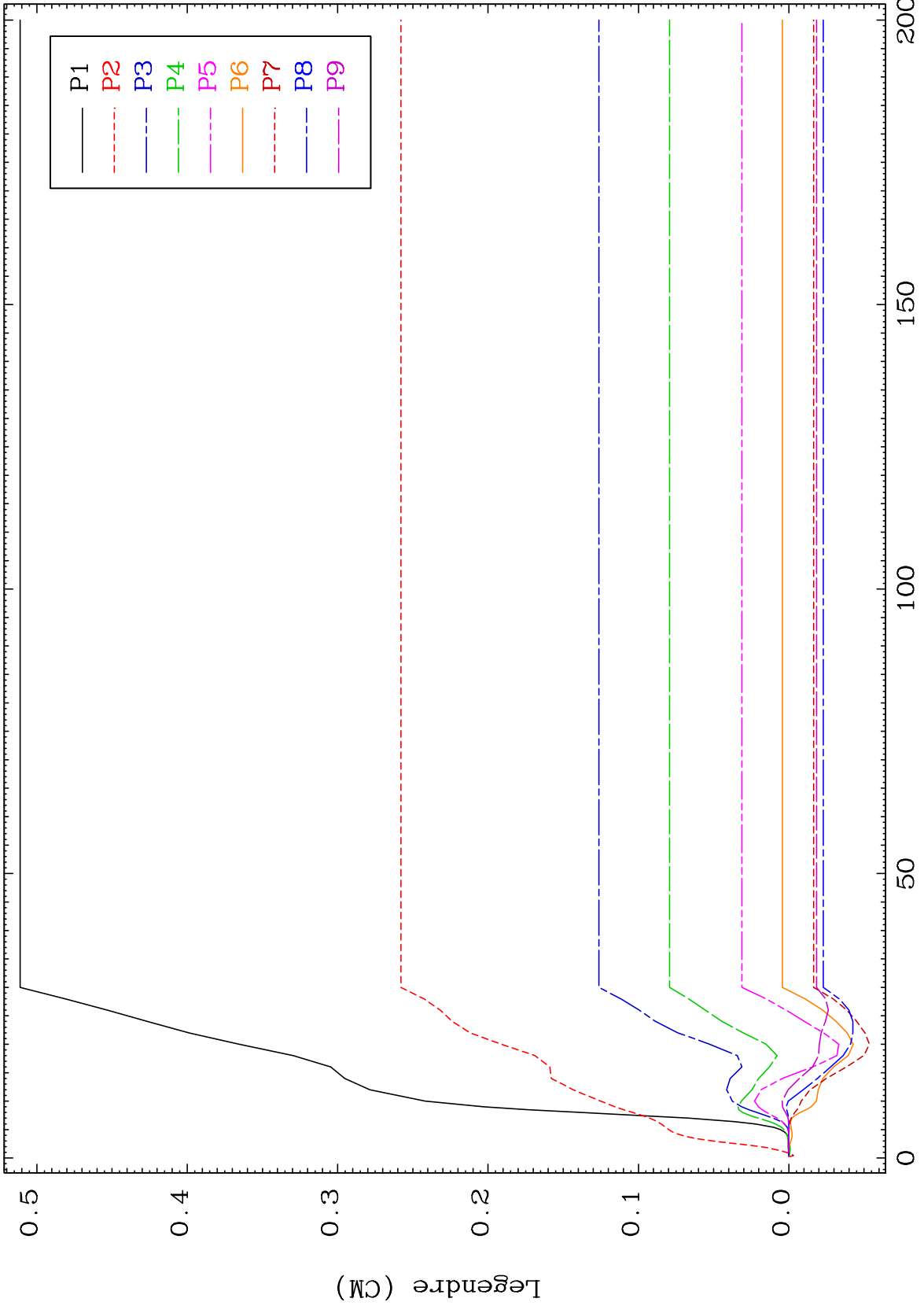
Incident Energy (MeV)

23

MAT 3137

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

31-Ga-73



24

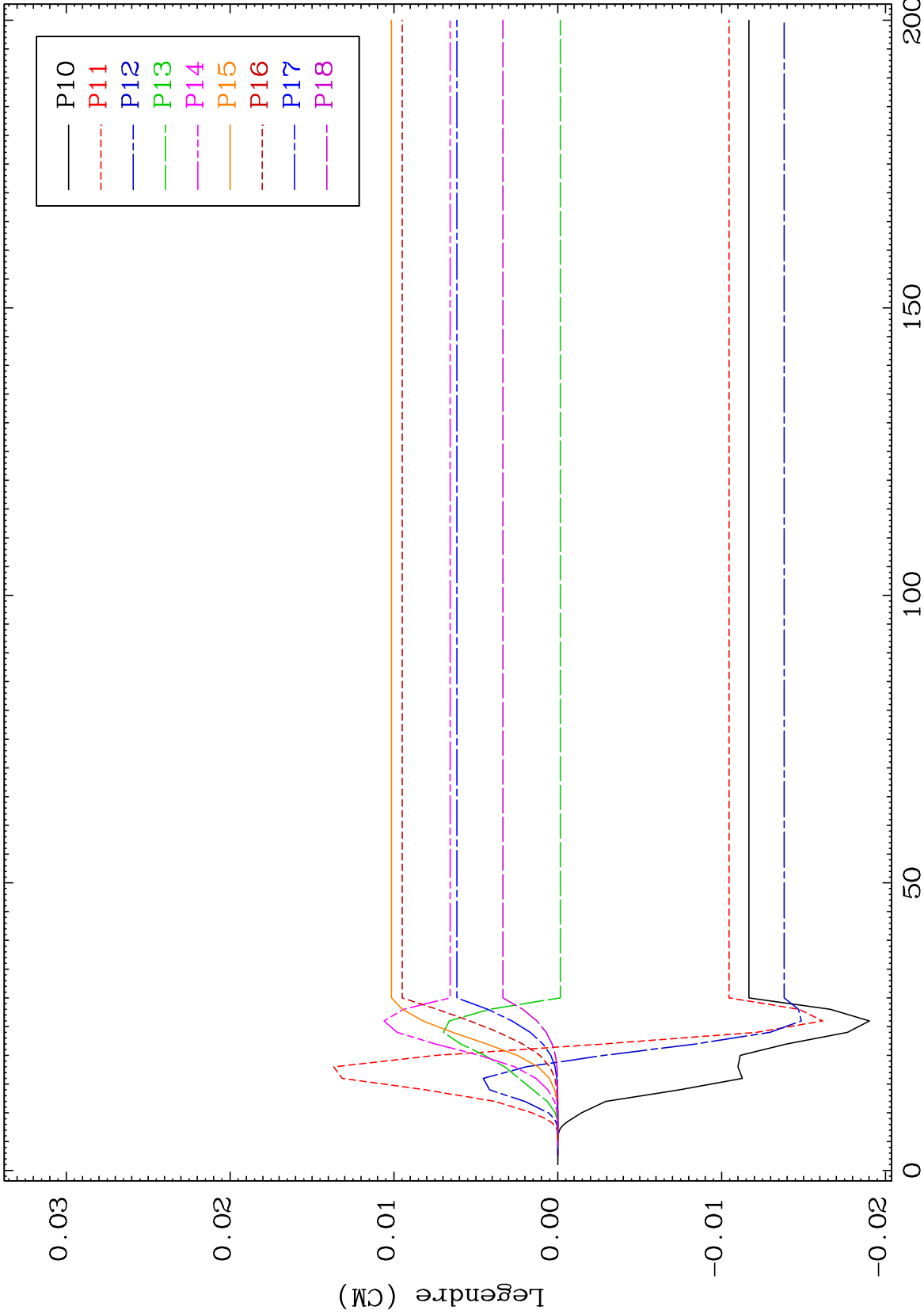
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



25

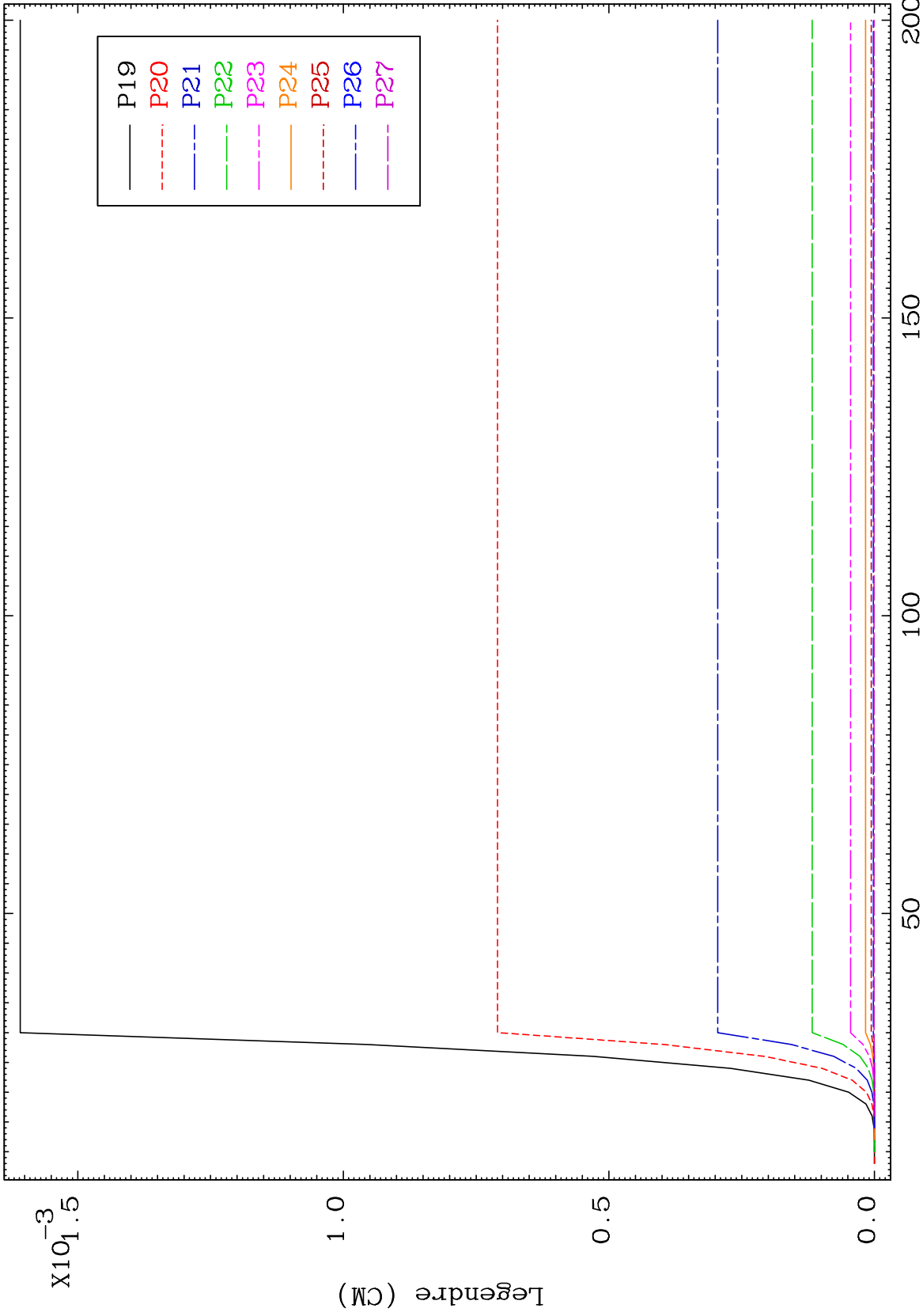
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



26

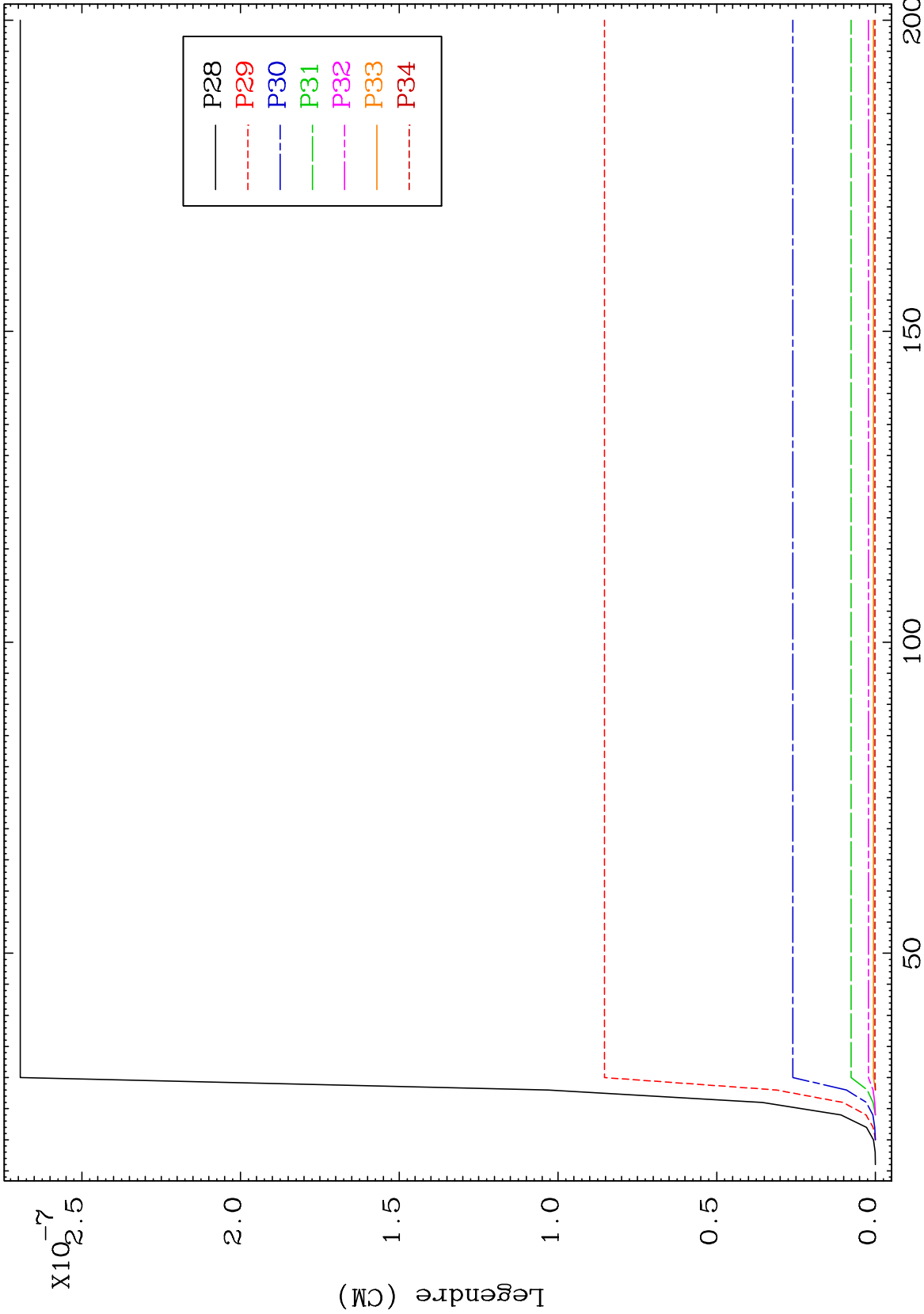
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



27

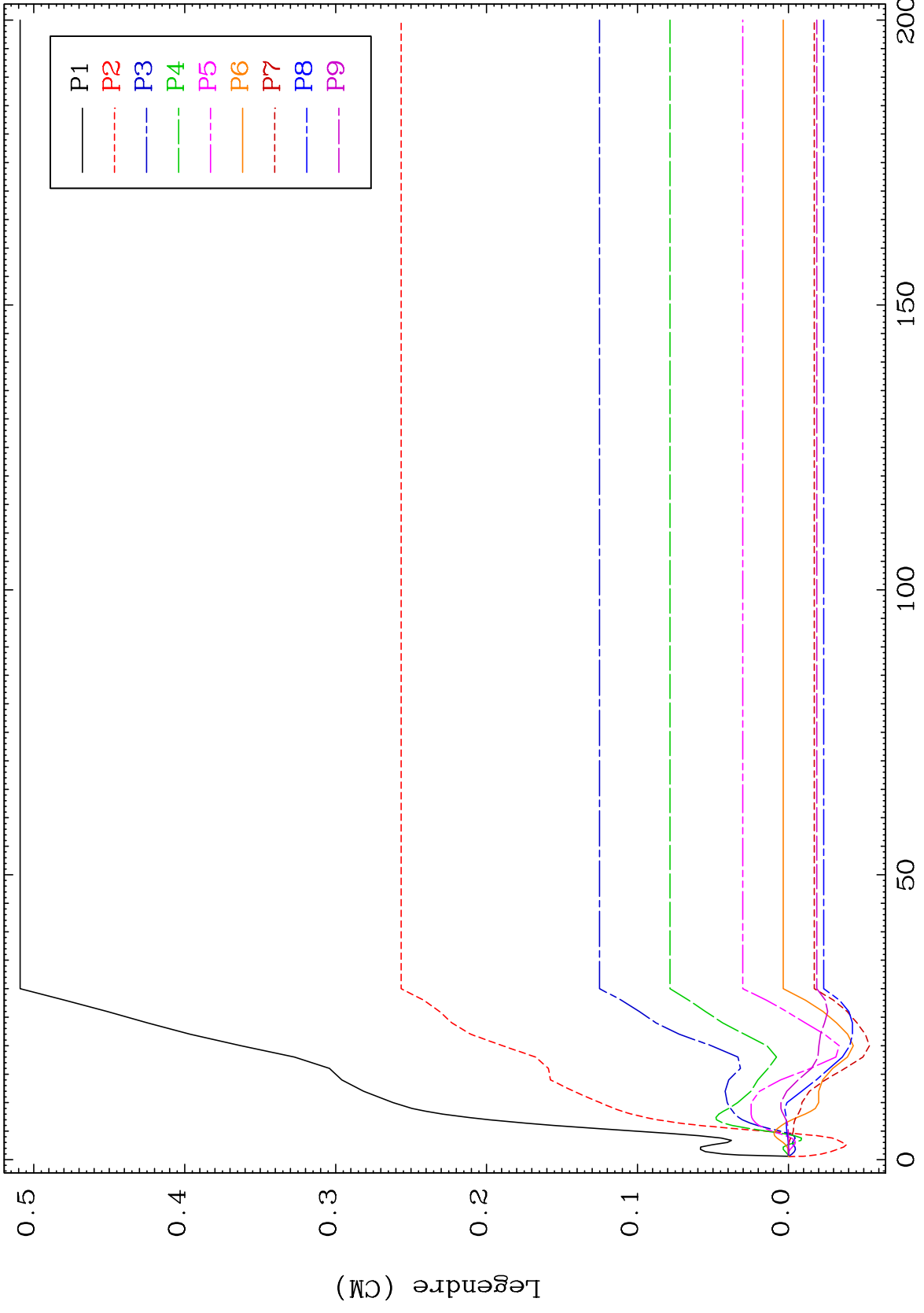
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



28

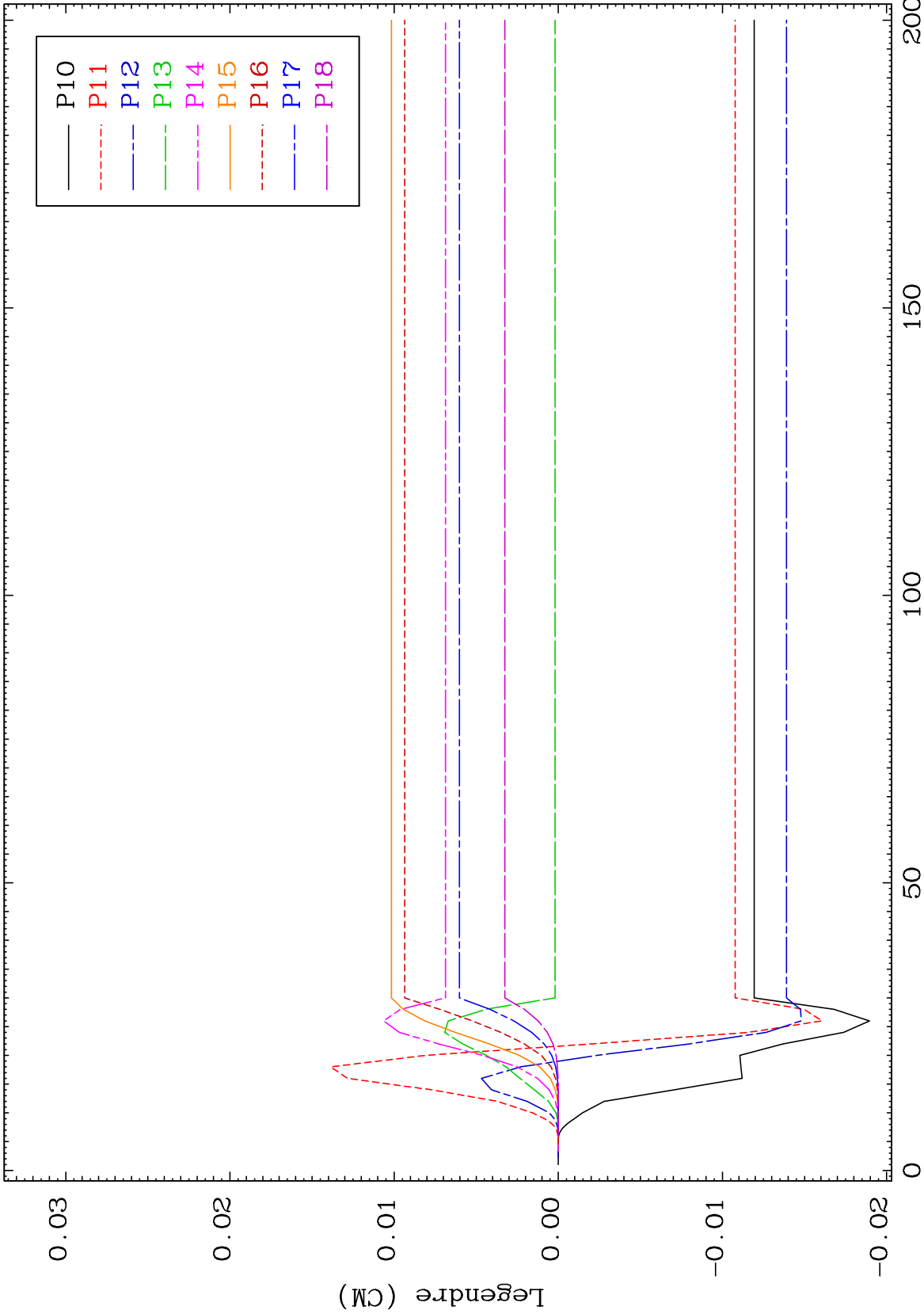
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



29

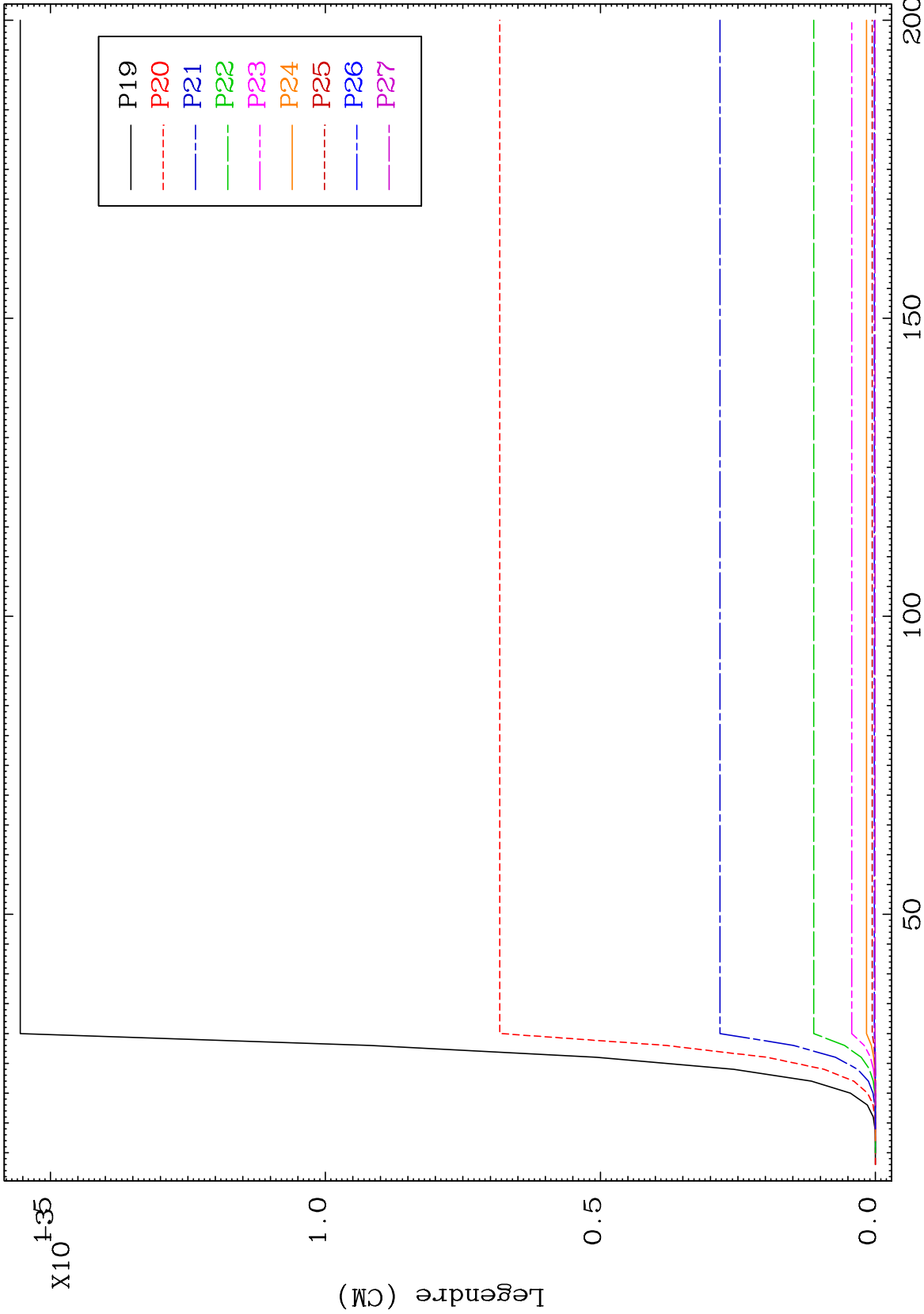
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



30

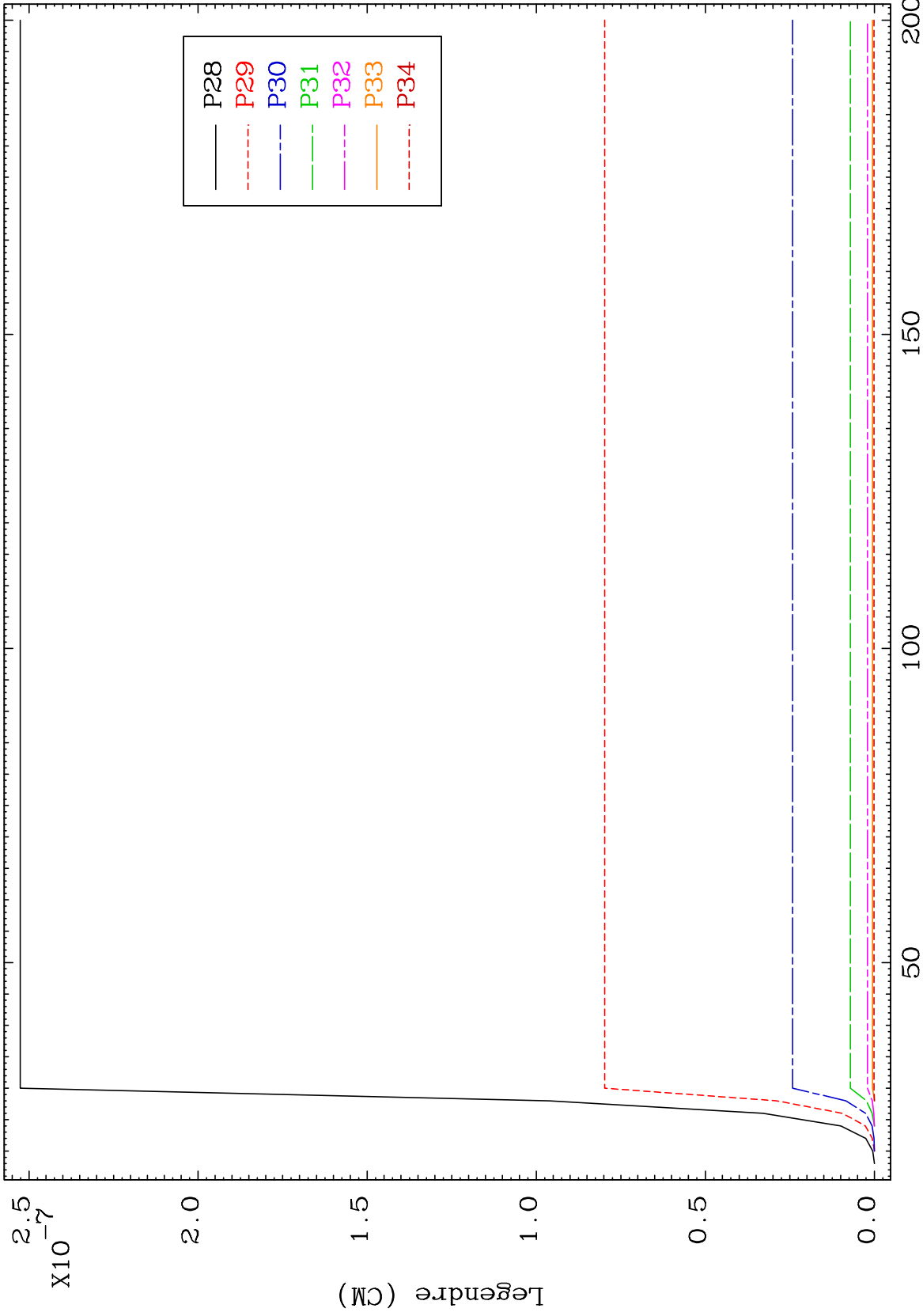
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



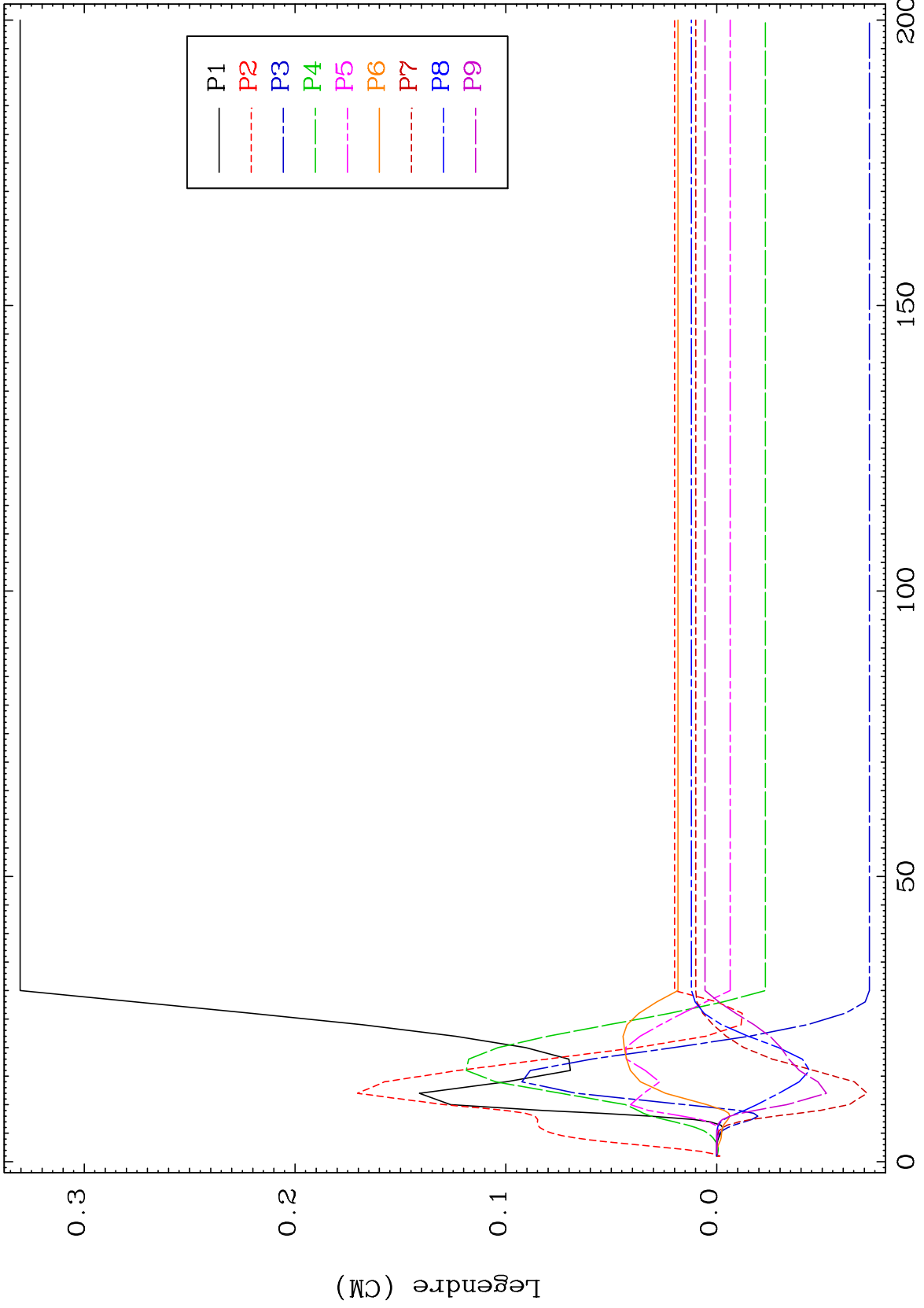
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31-Ga-73

MAT 3137

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

31-Ga-73



32

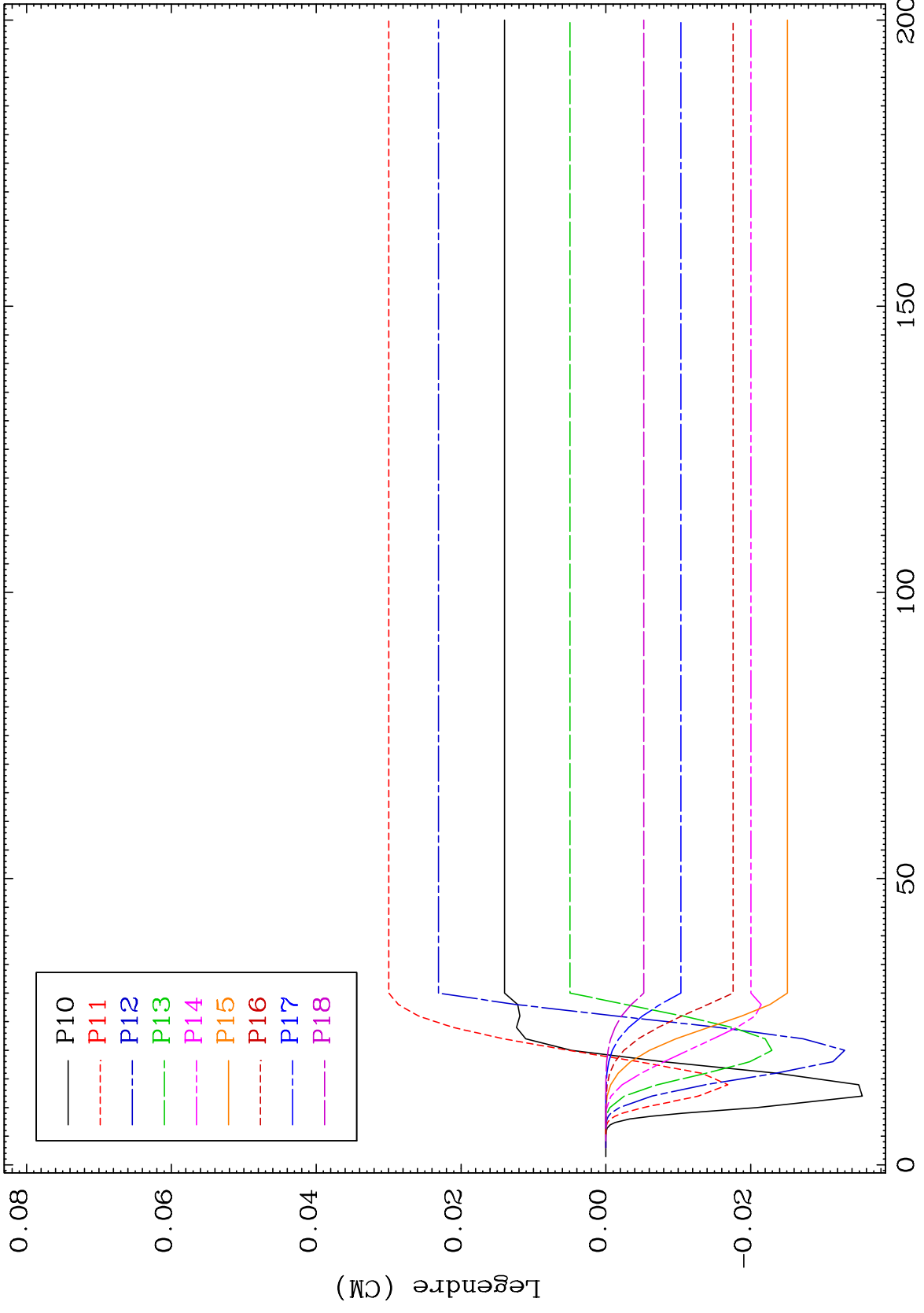
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



33

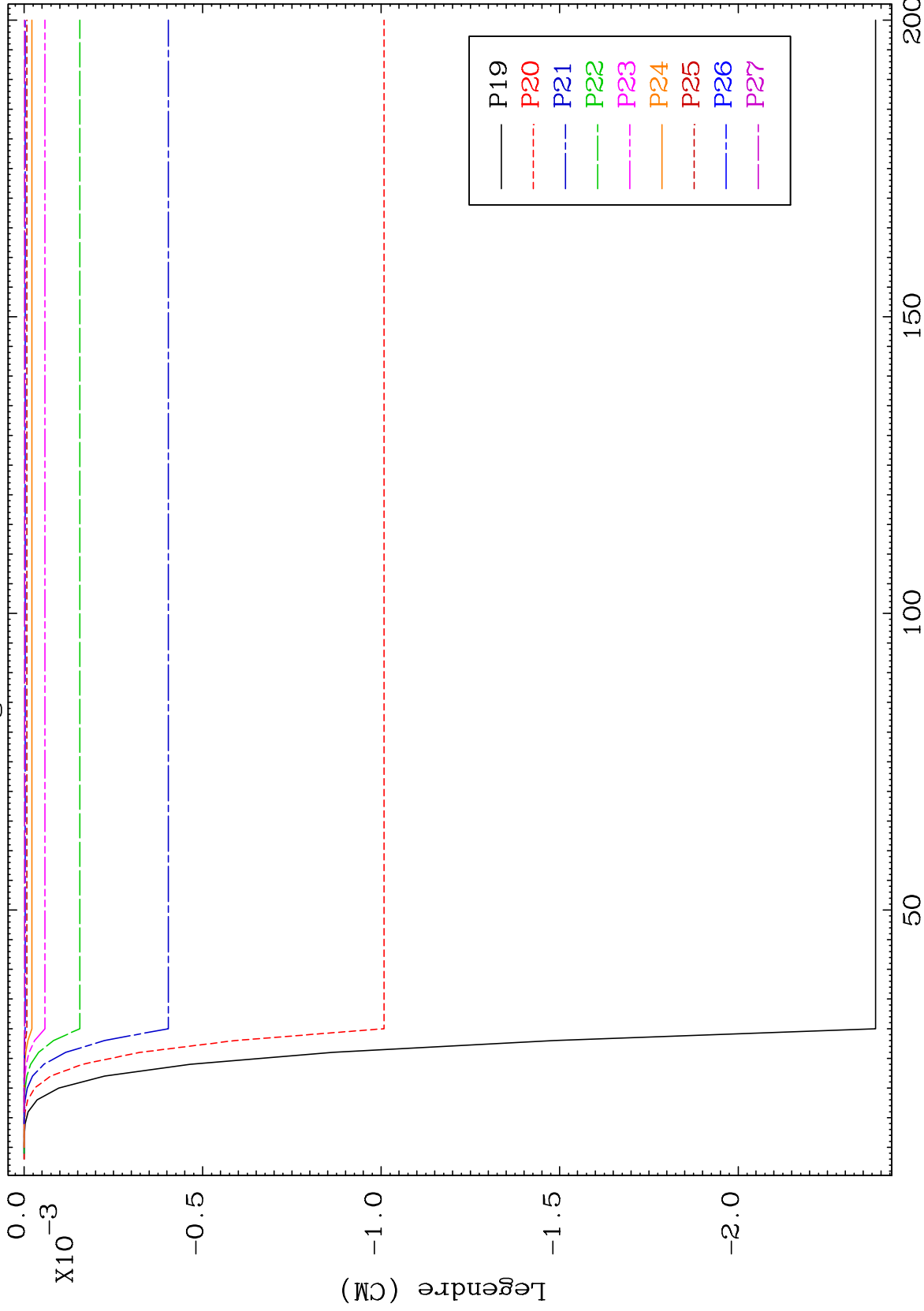
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



34

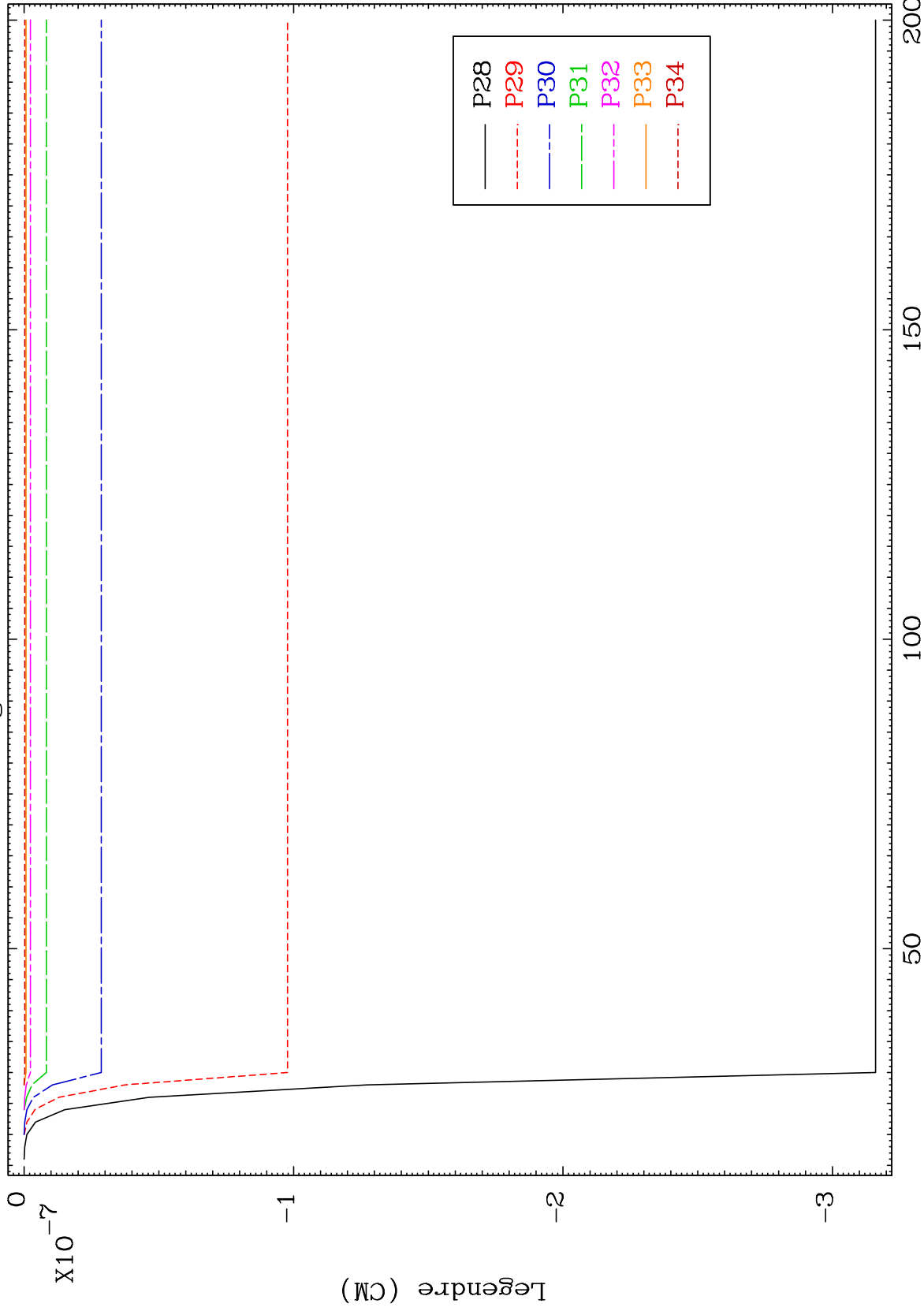
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



31-Ga-73

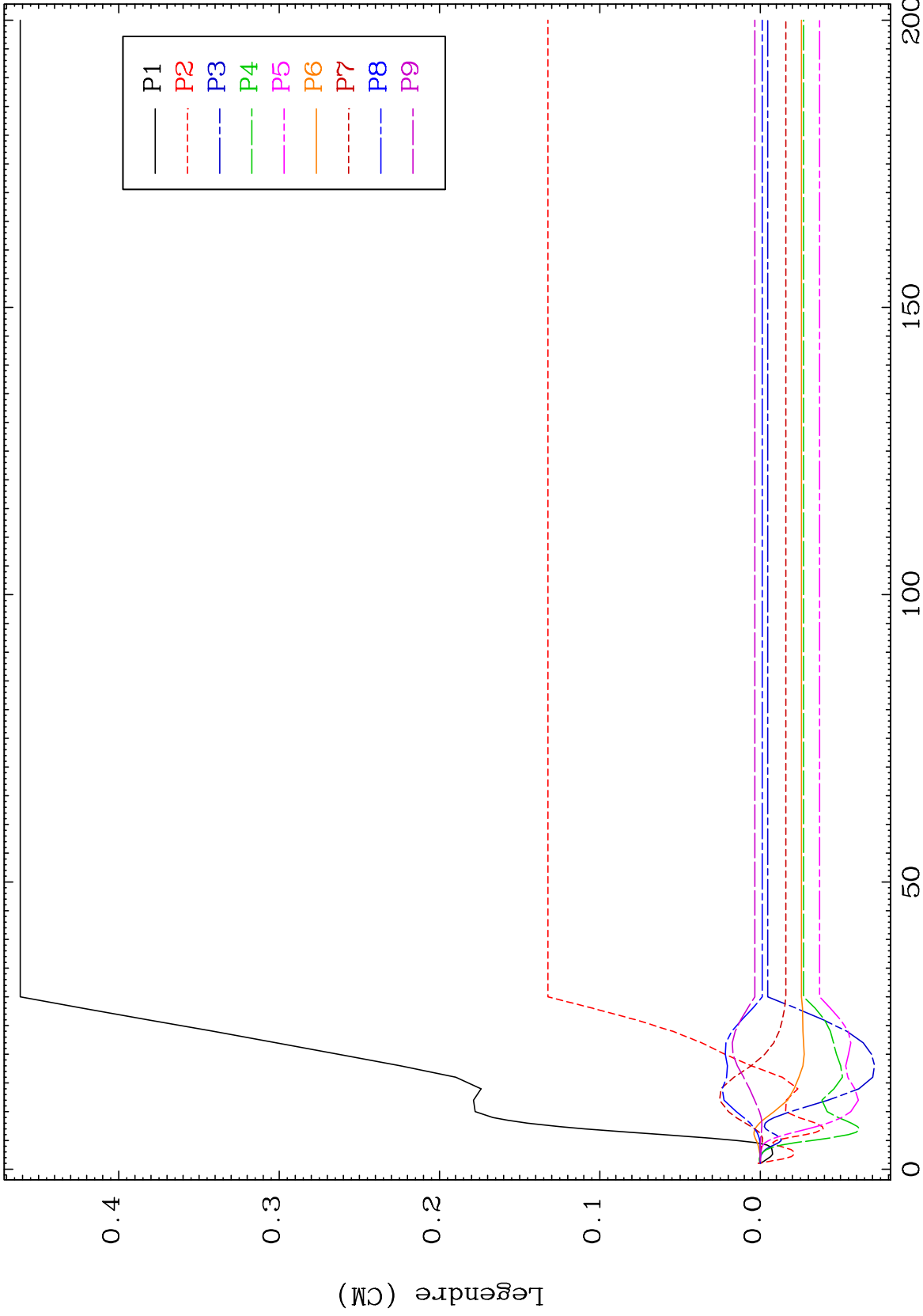
Incident Energy (MeV)

35

MAT 3137

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

31-Ga-73



36

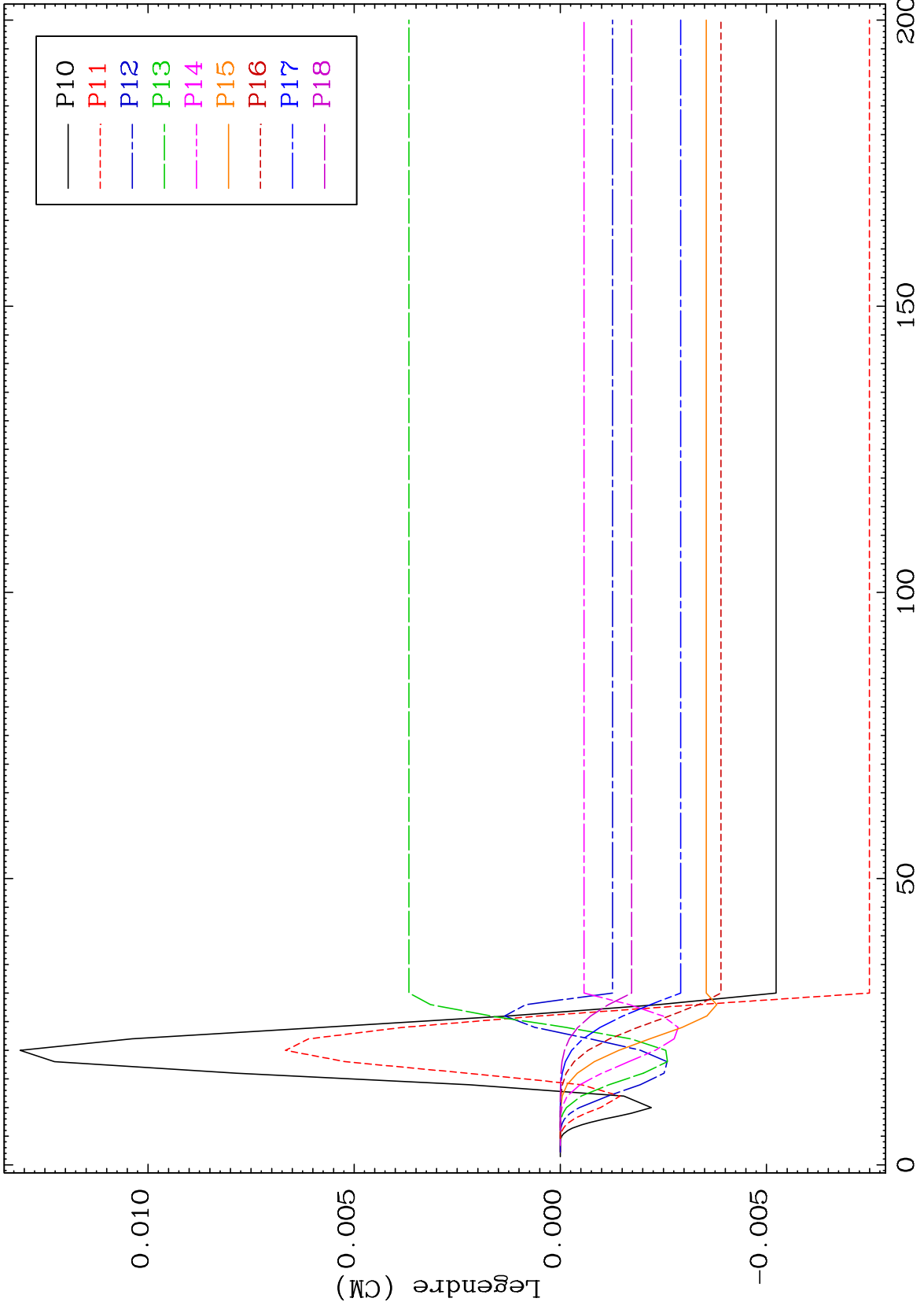
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



37

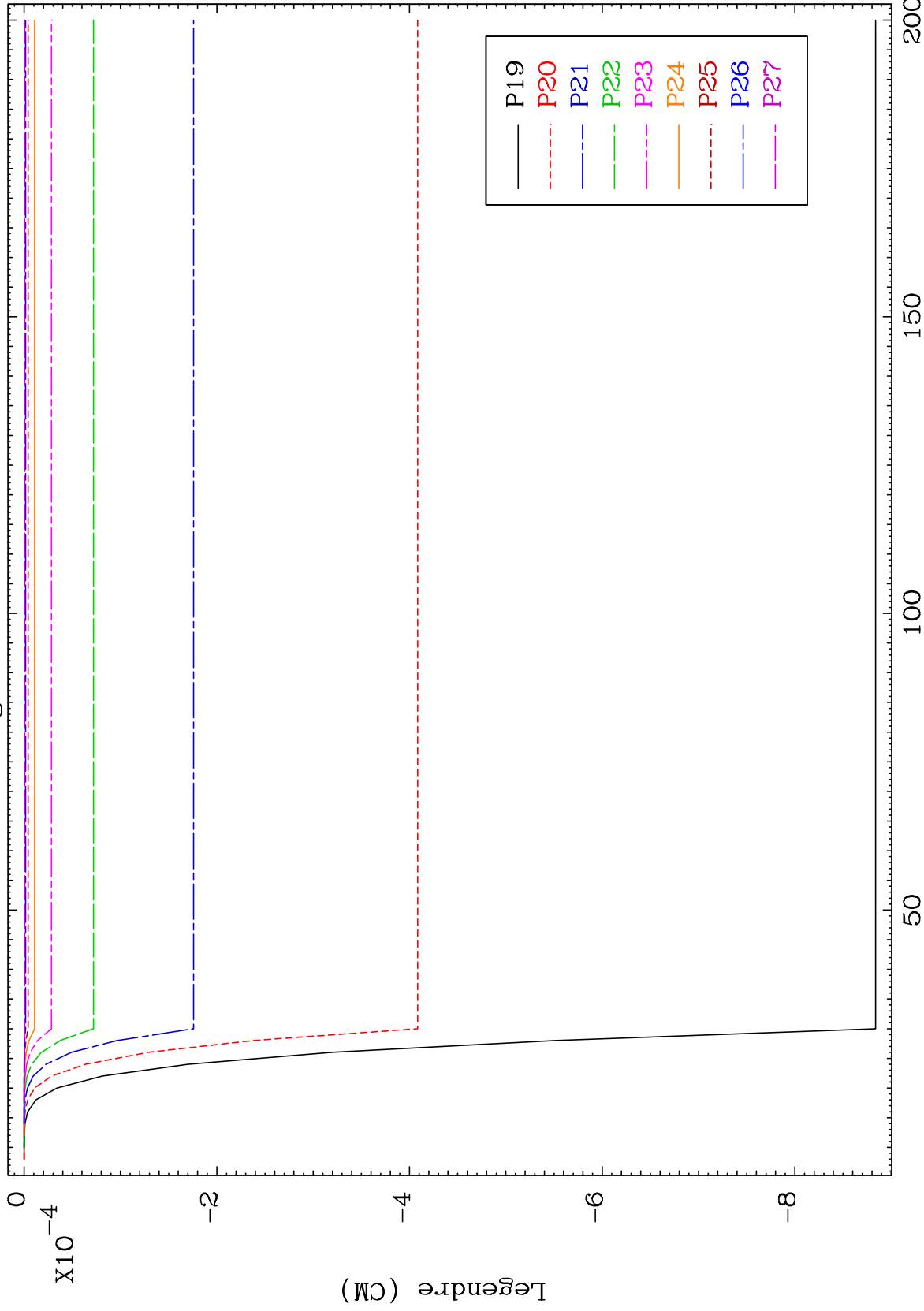
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



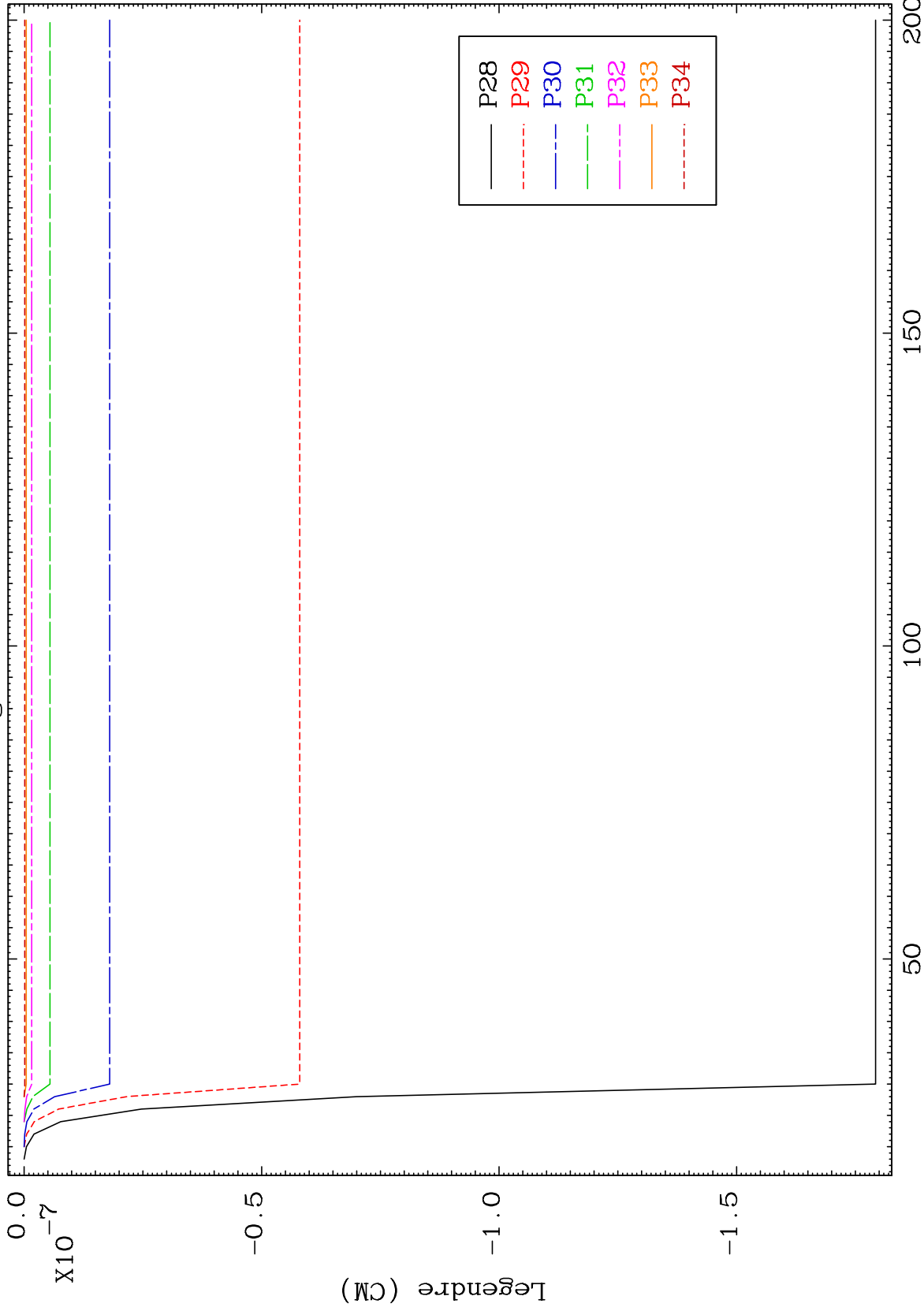
38

31-Ga-73

MAT 3137

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

31-Ga-73



39

Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



40

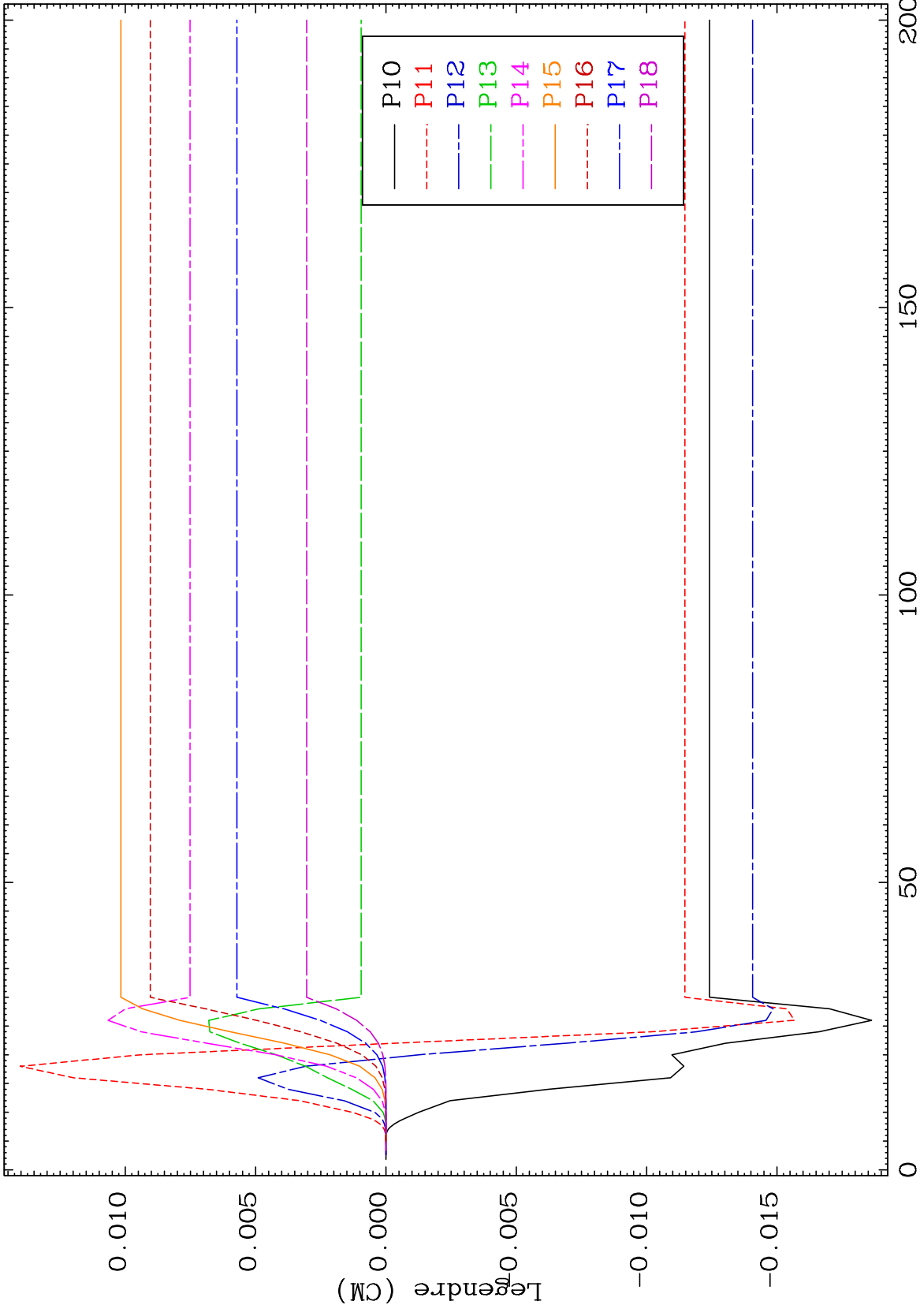
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



41

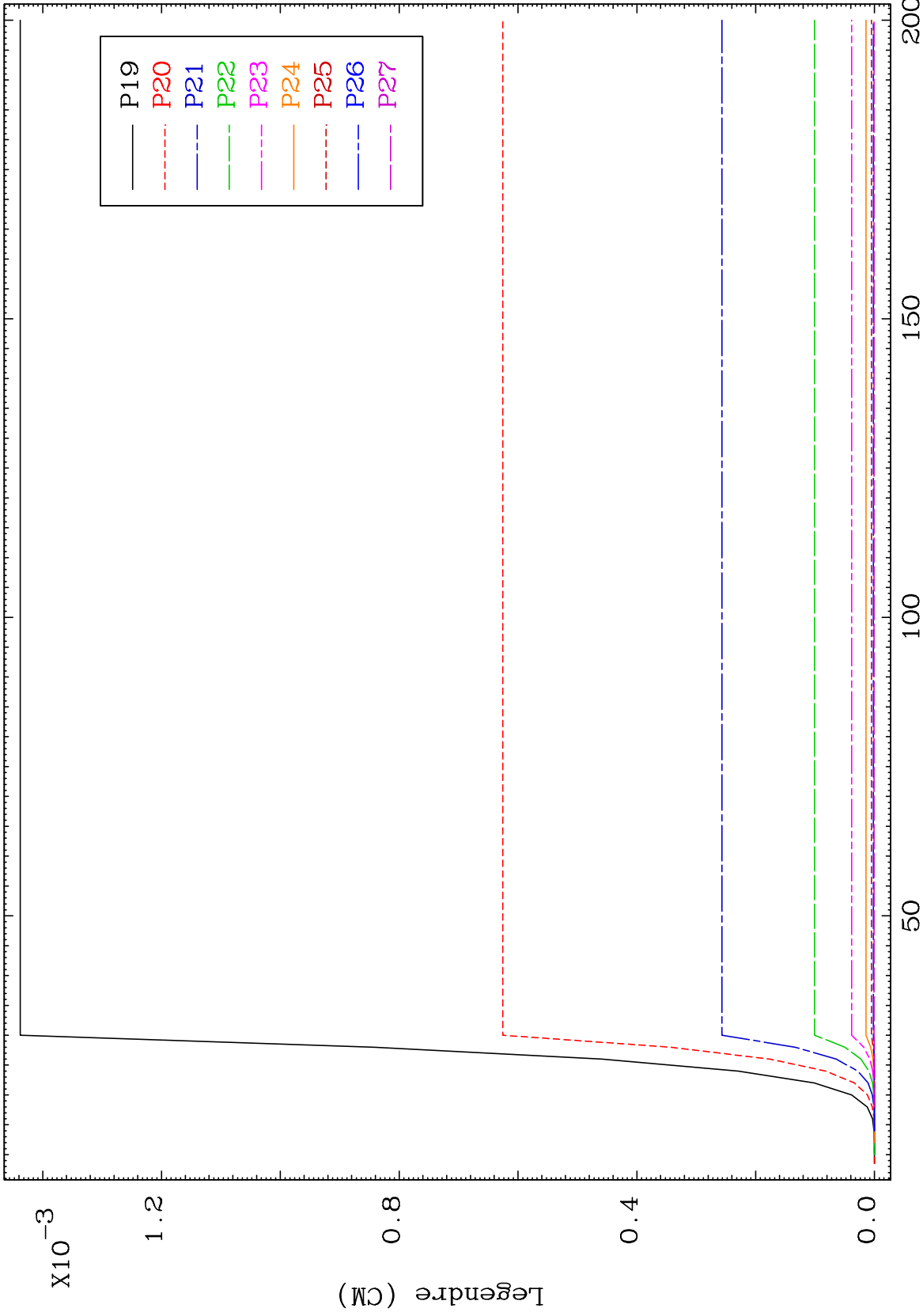
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



42

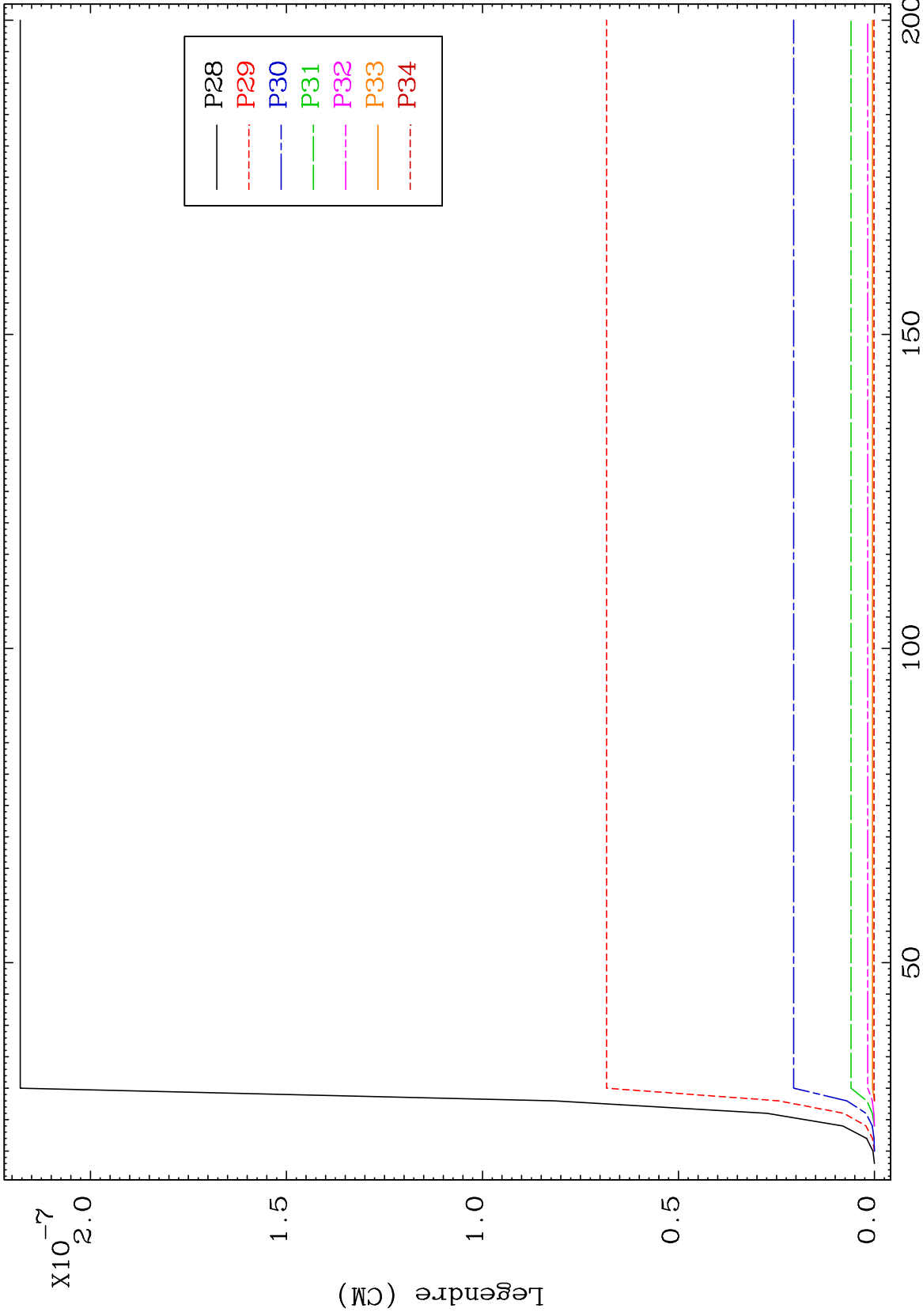
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



43

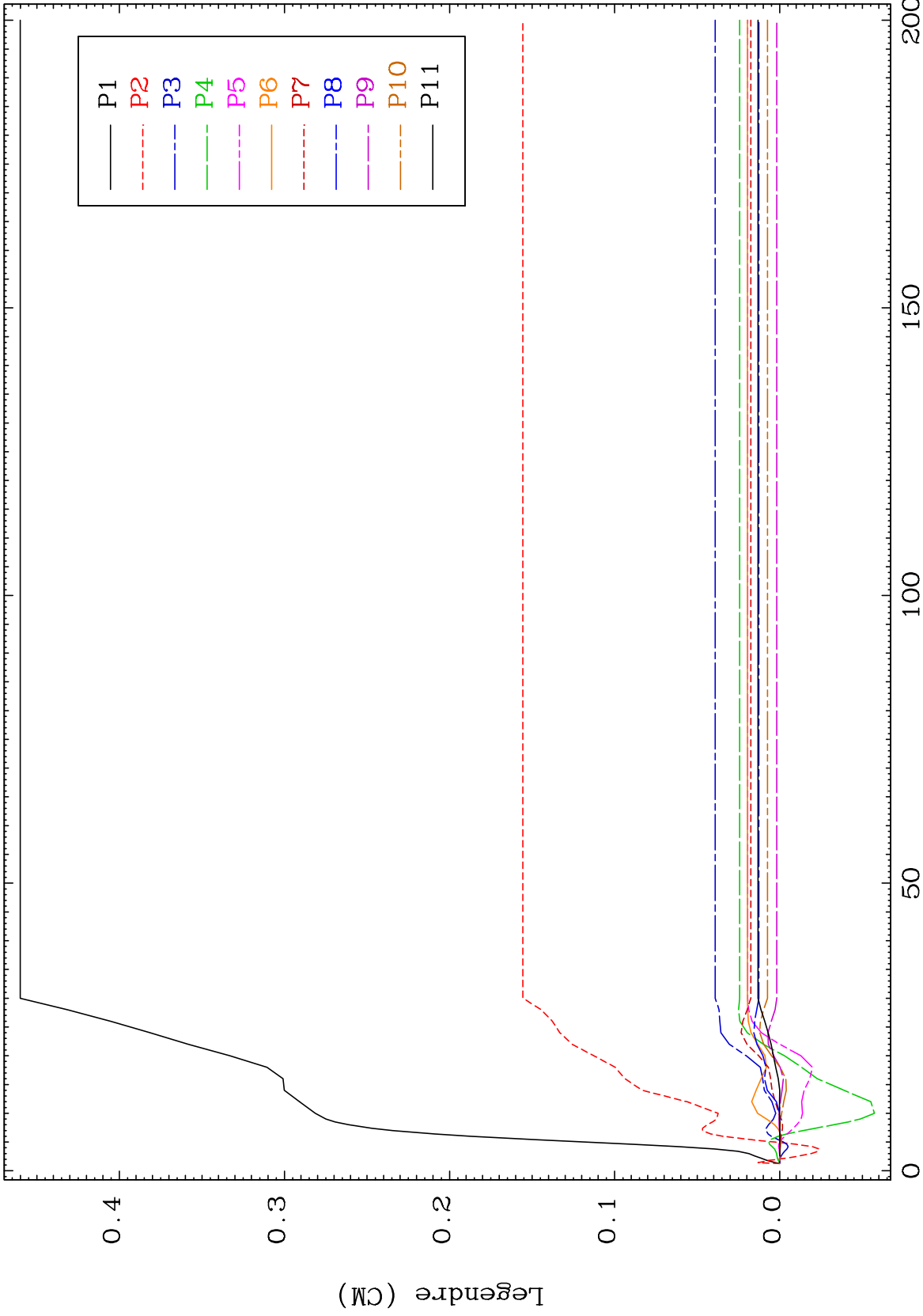
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



44

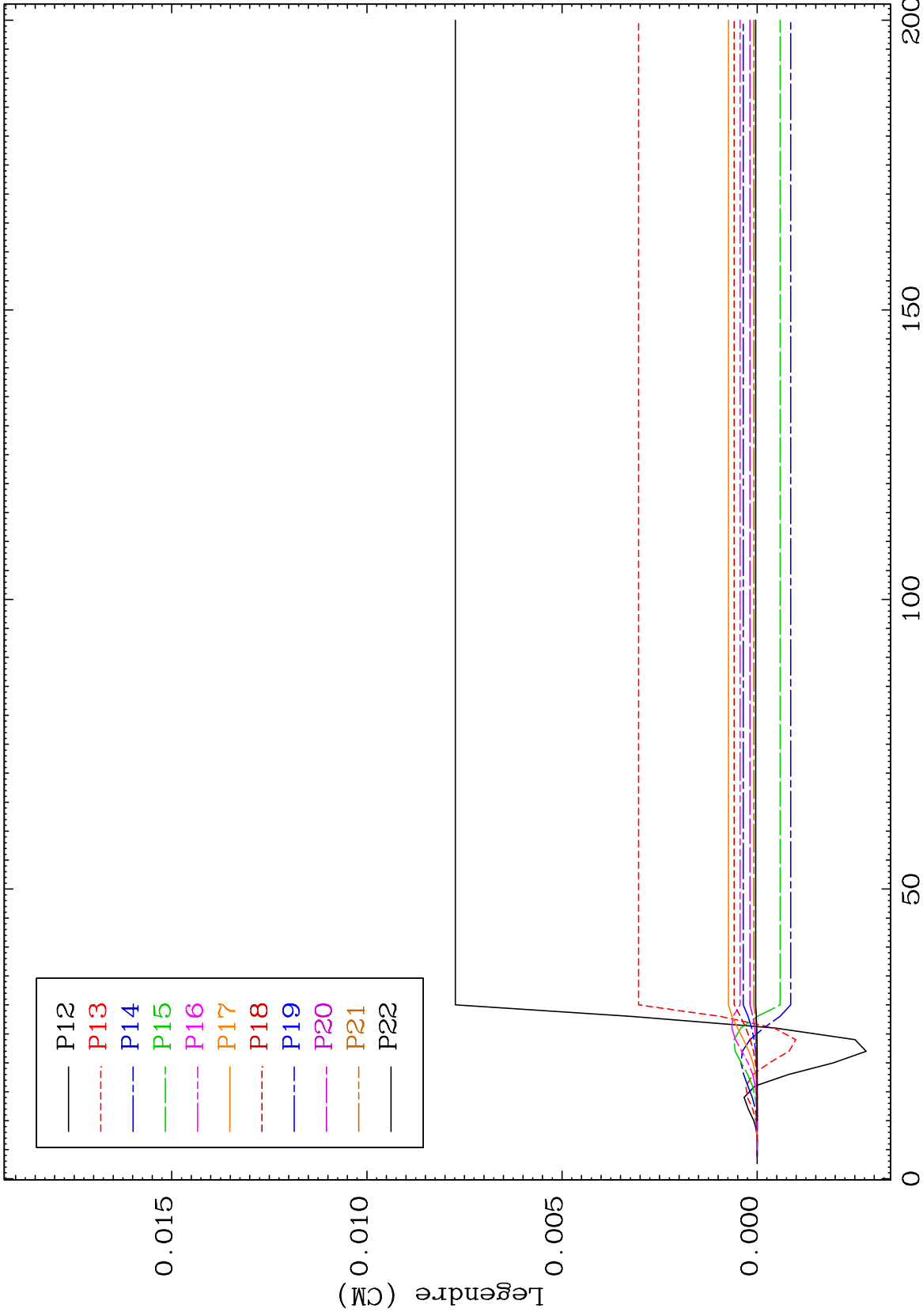
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



45

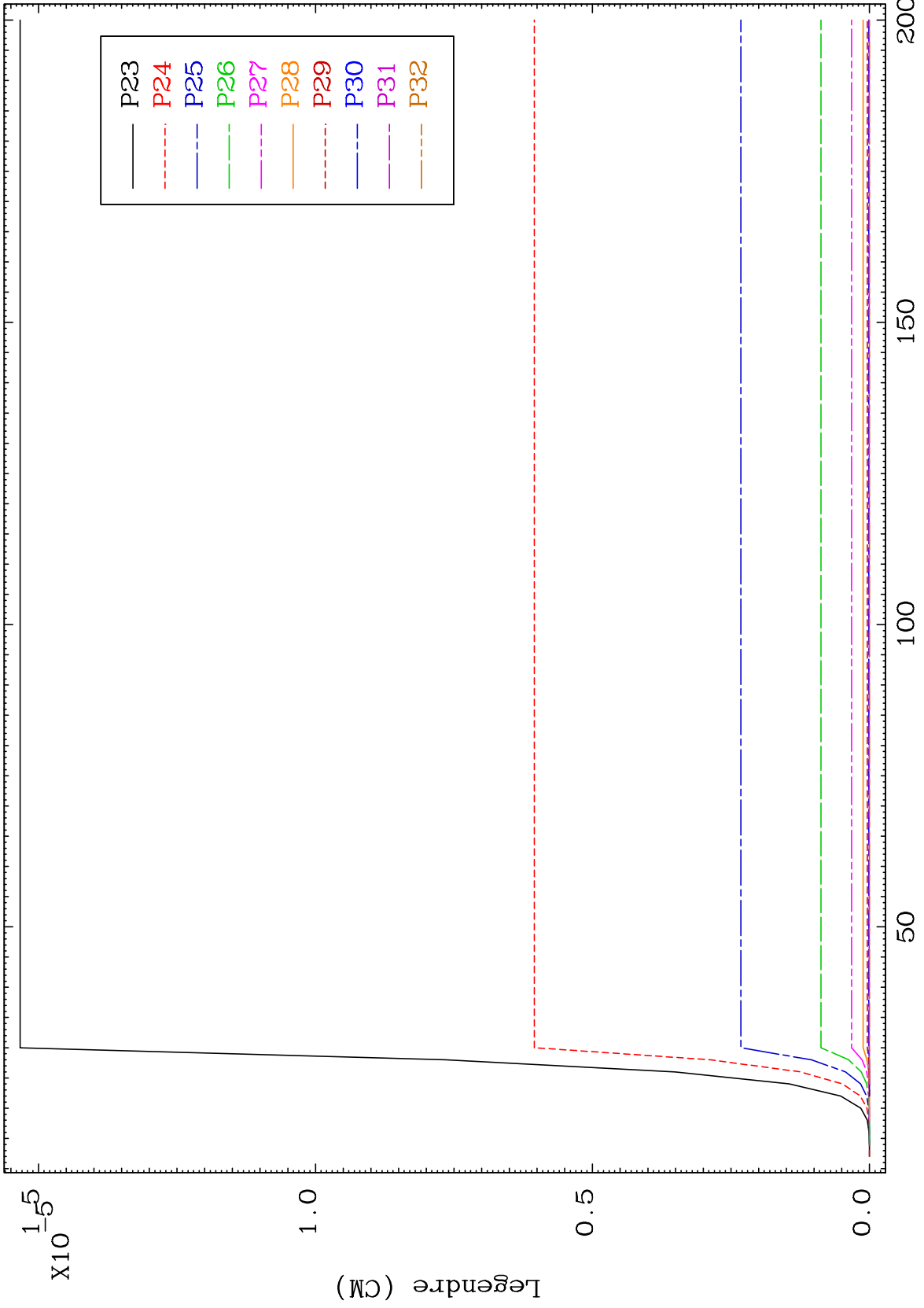
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



46

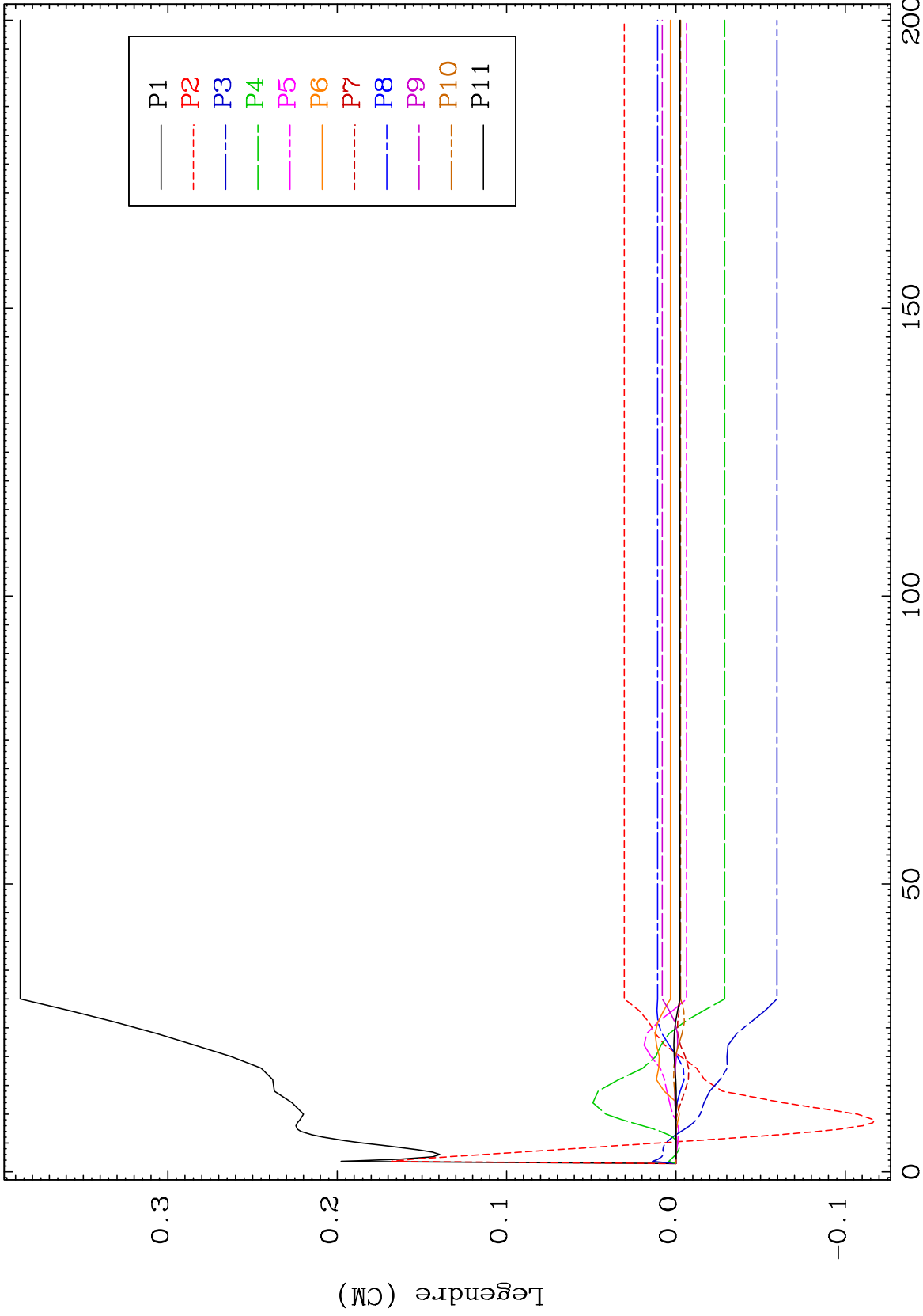
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



47

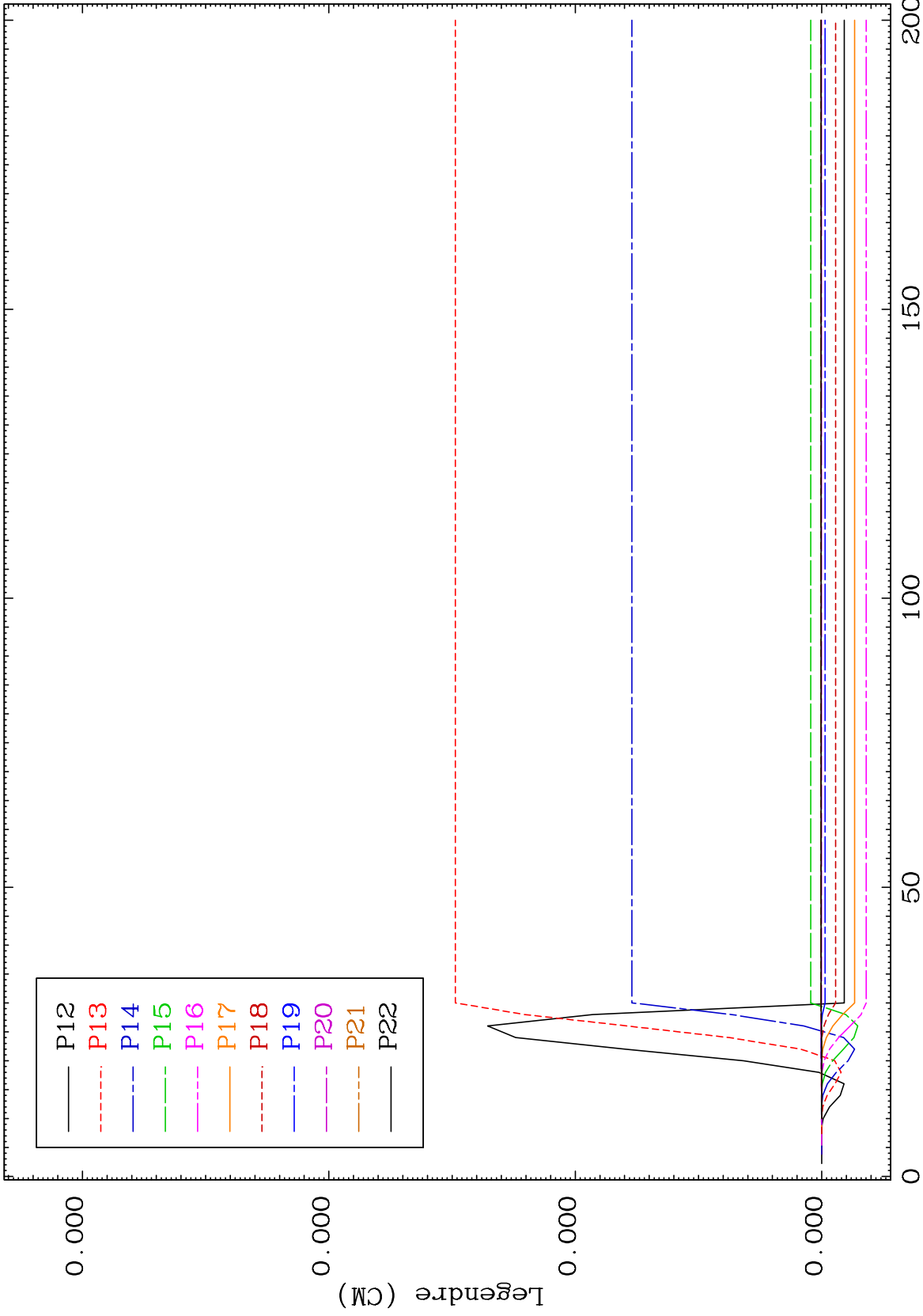
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



48

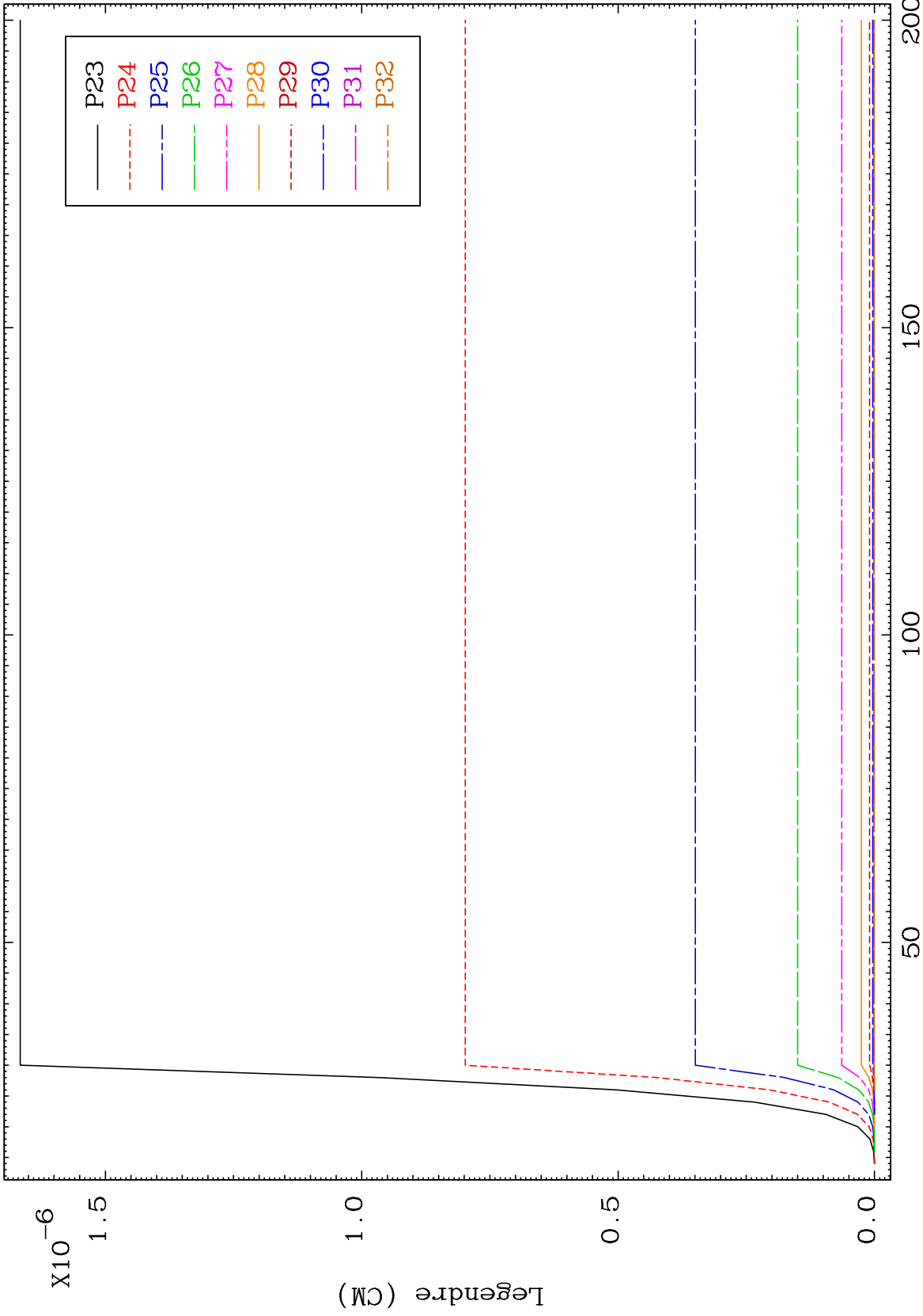
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



49

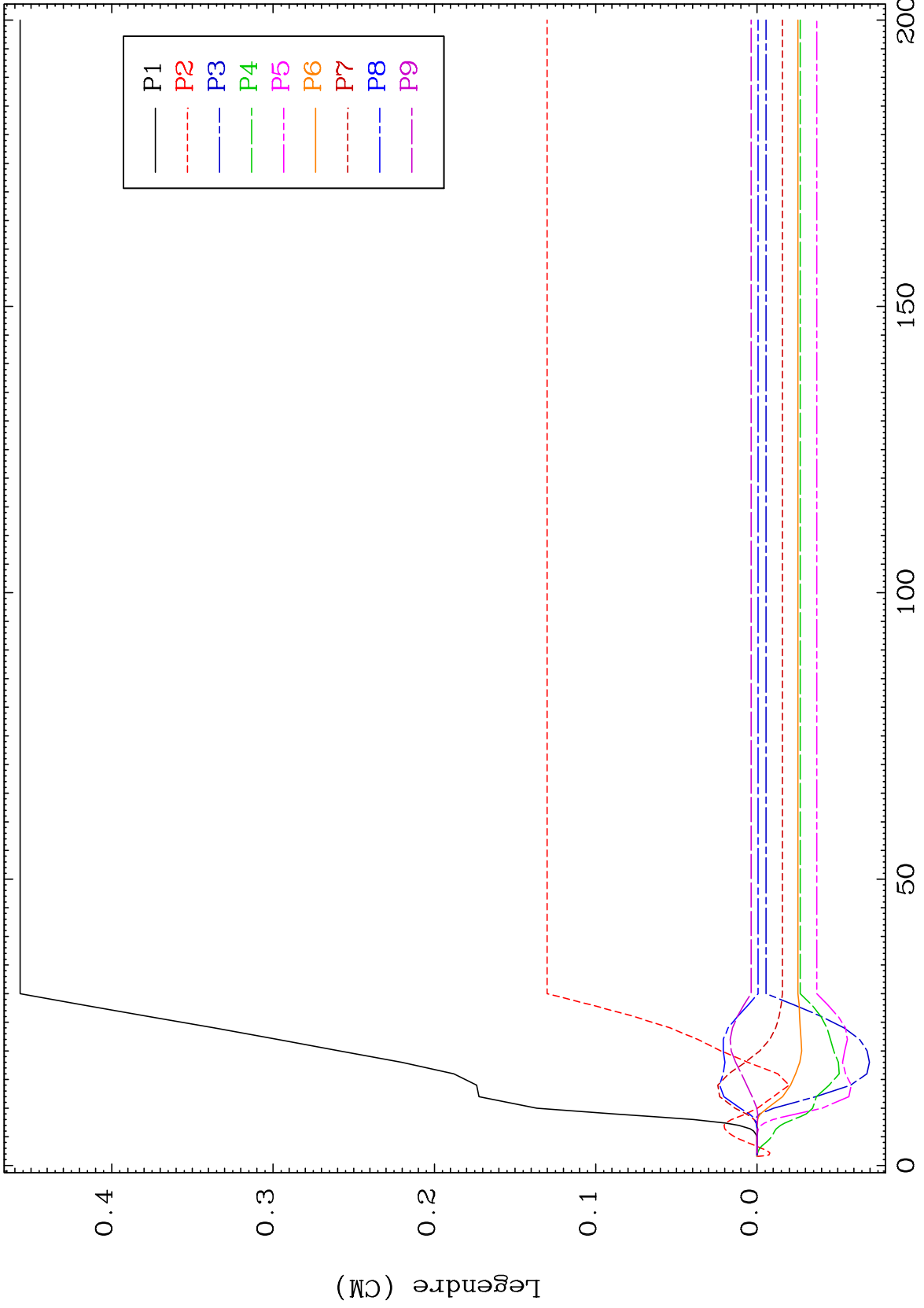
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



31-Ga-73

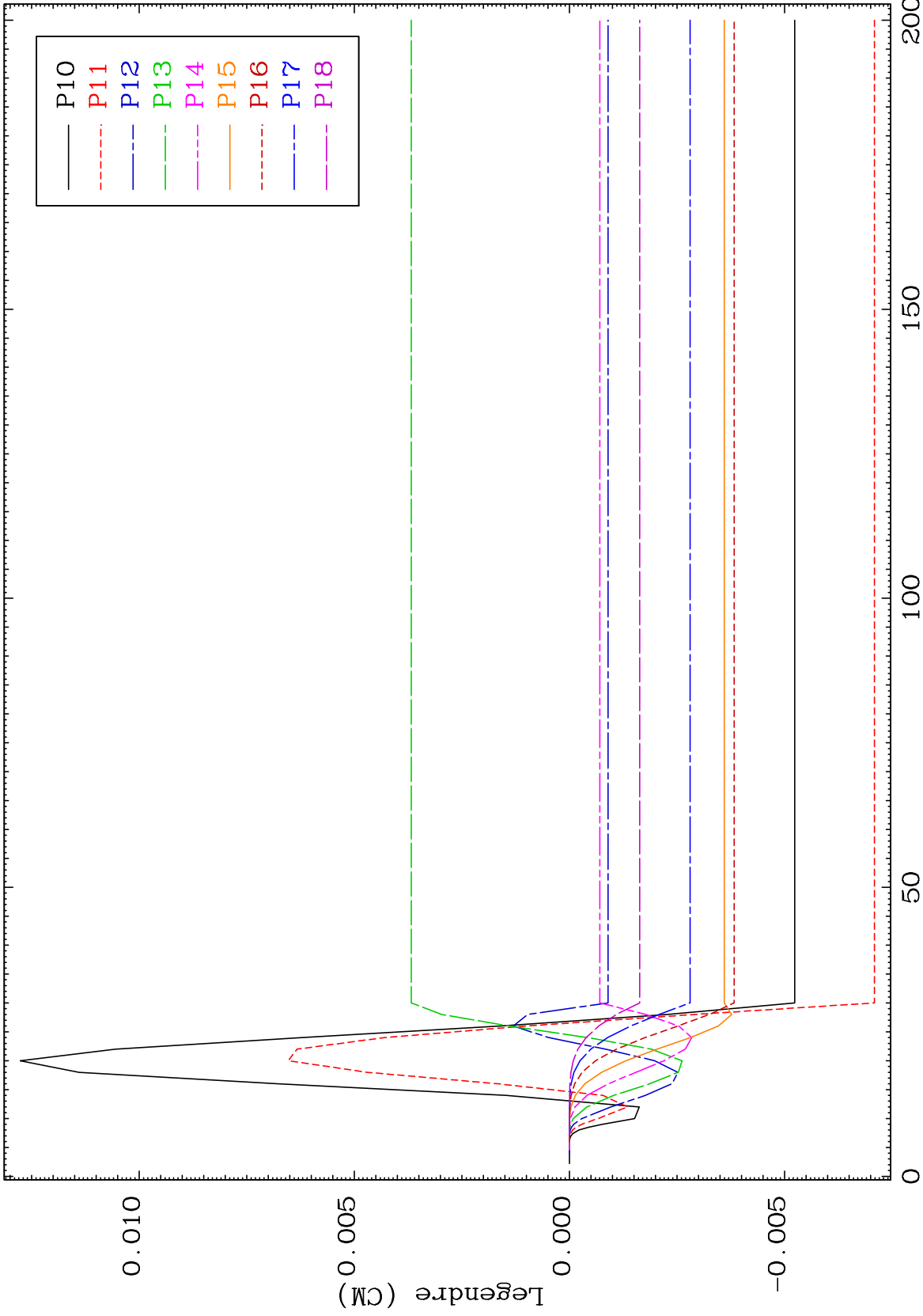
Incident Energy (MeV)

Legendre (CM)

MAT 3137

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

31-Ga-73



51

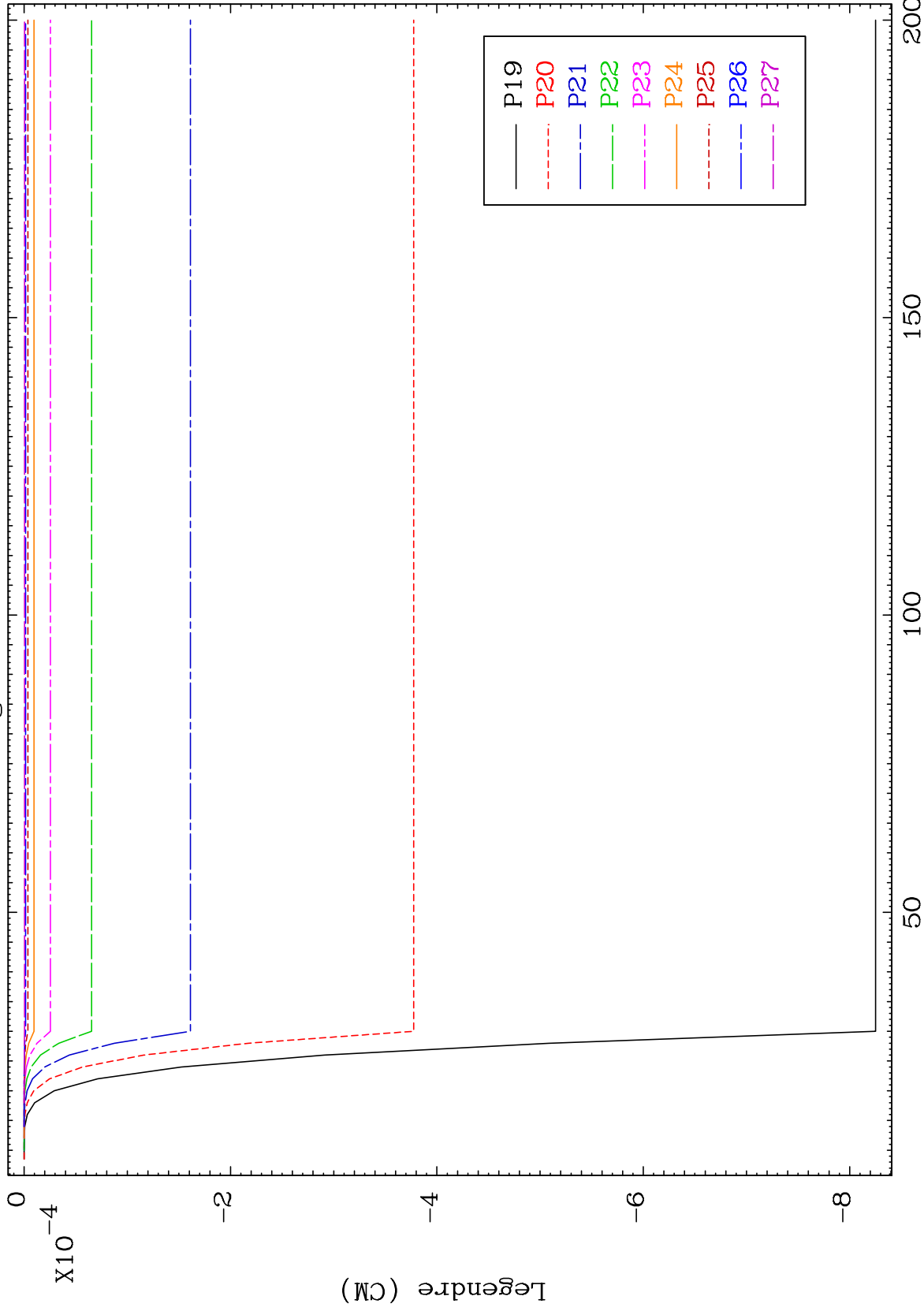
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



52

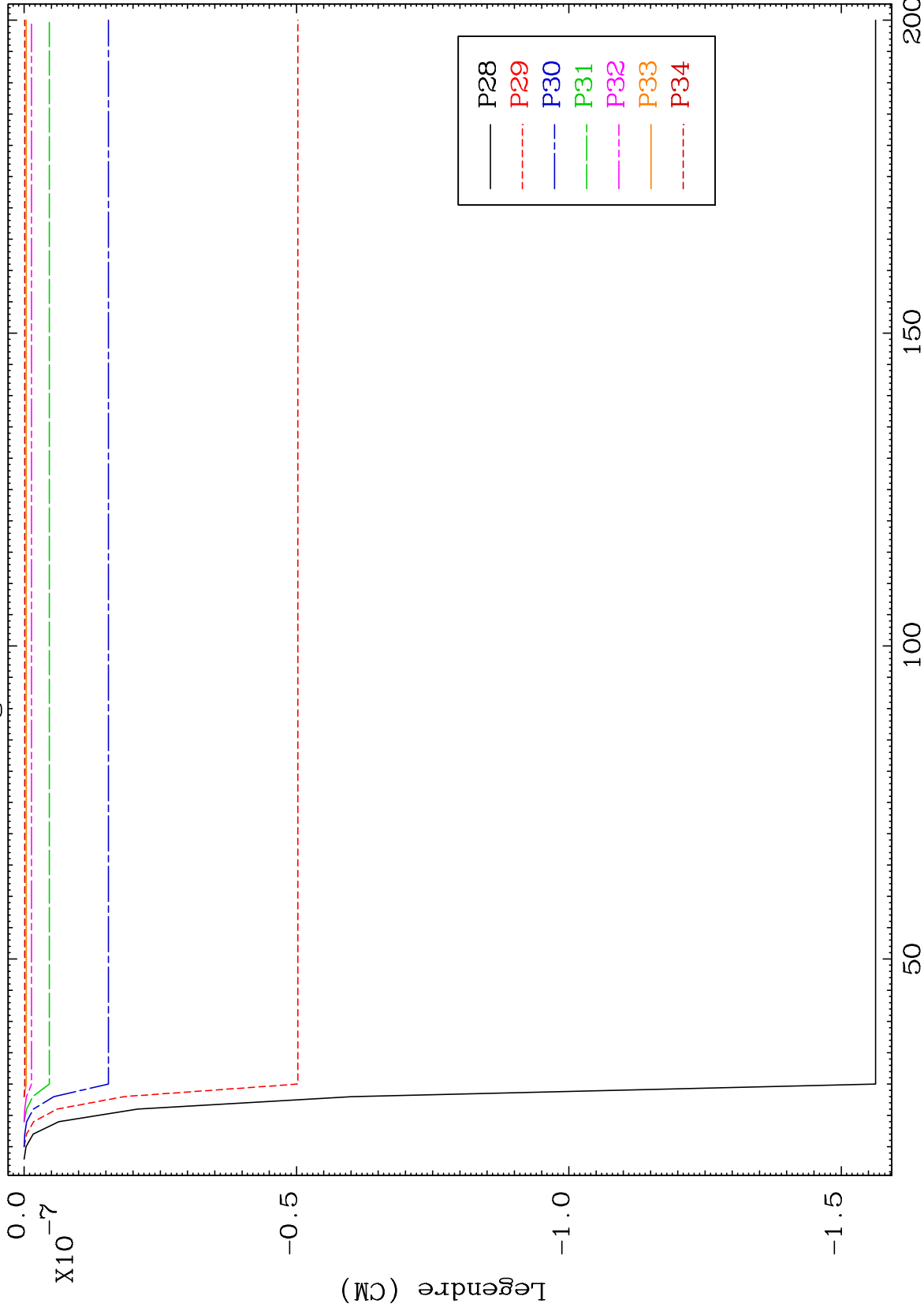
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

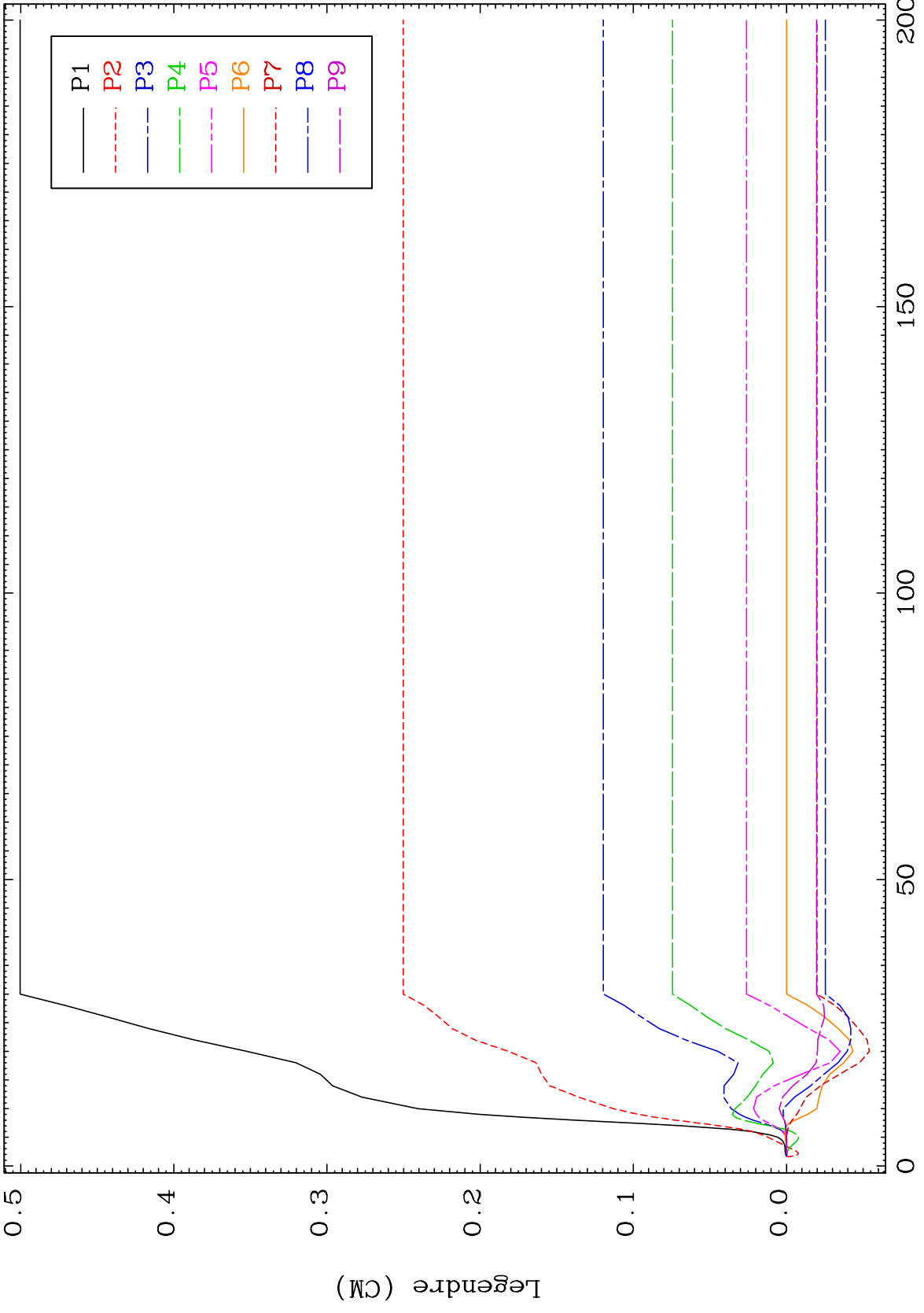
31-Ga-73



53

Incident Energy (MeV)

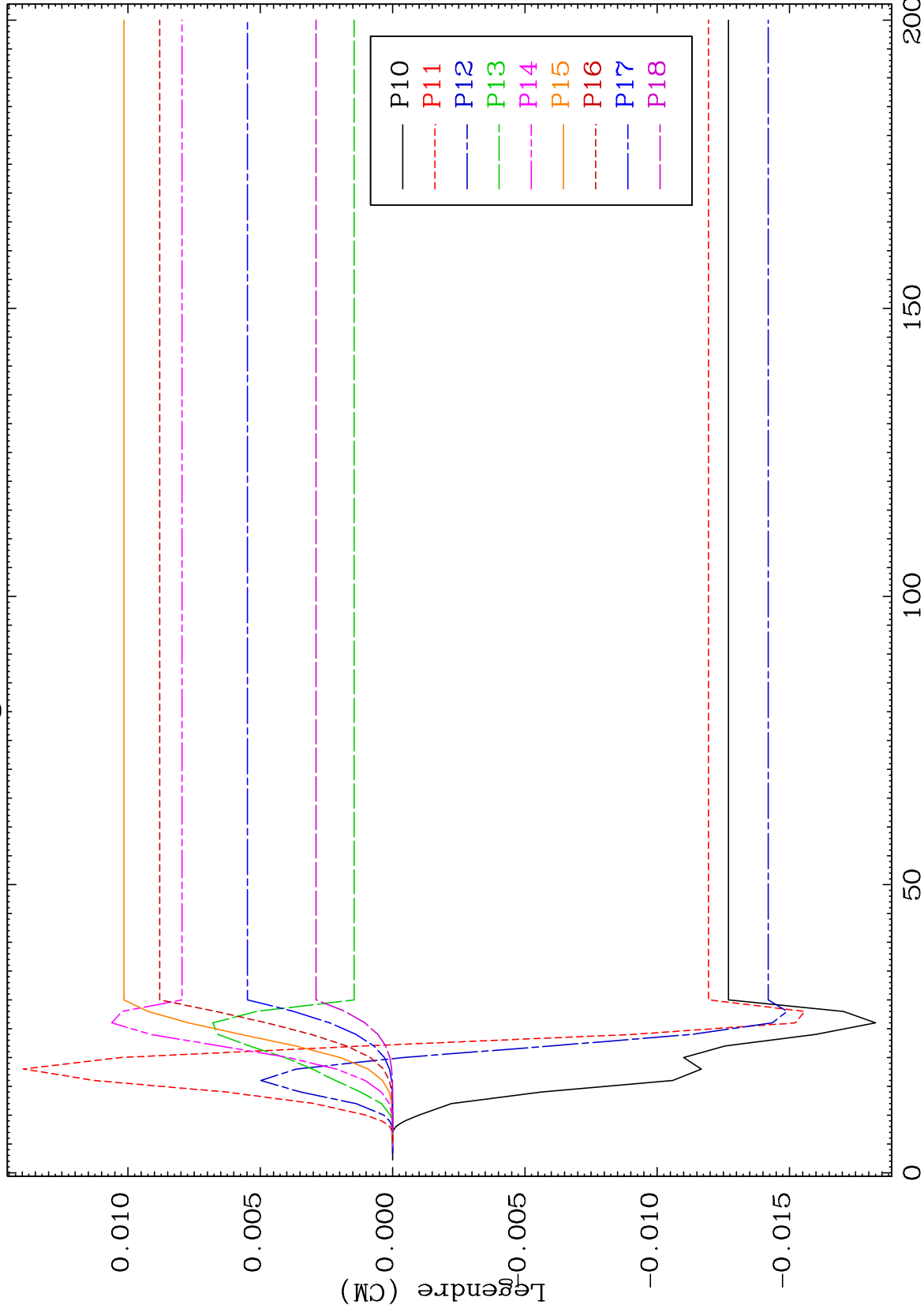
31-Ga-73



MAT 3137

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

31-Ga-73



55

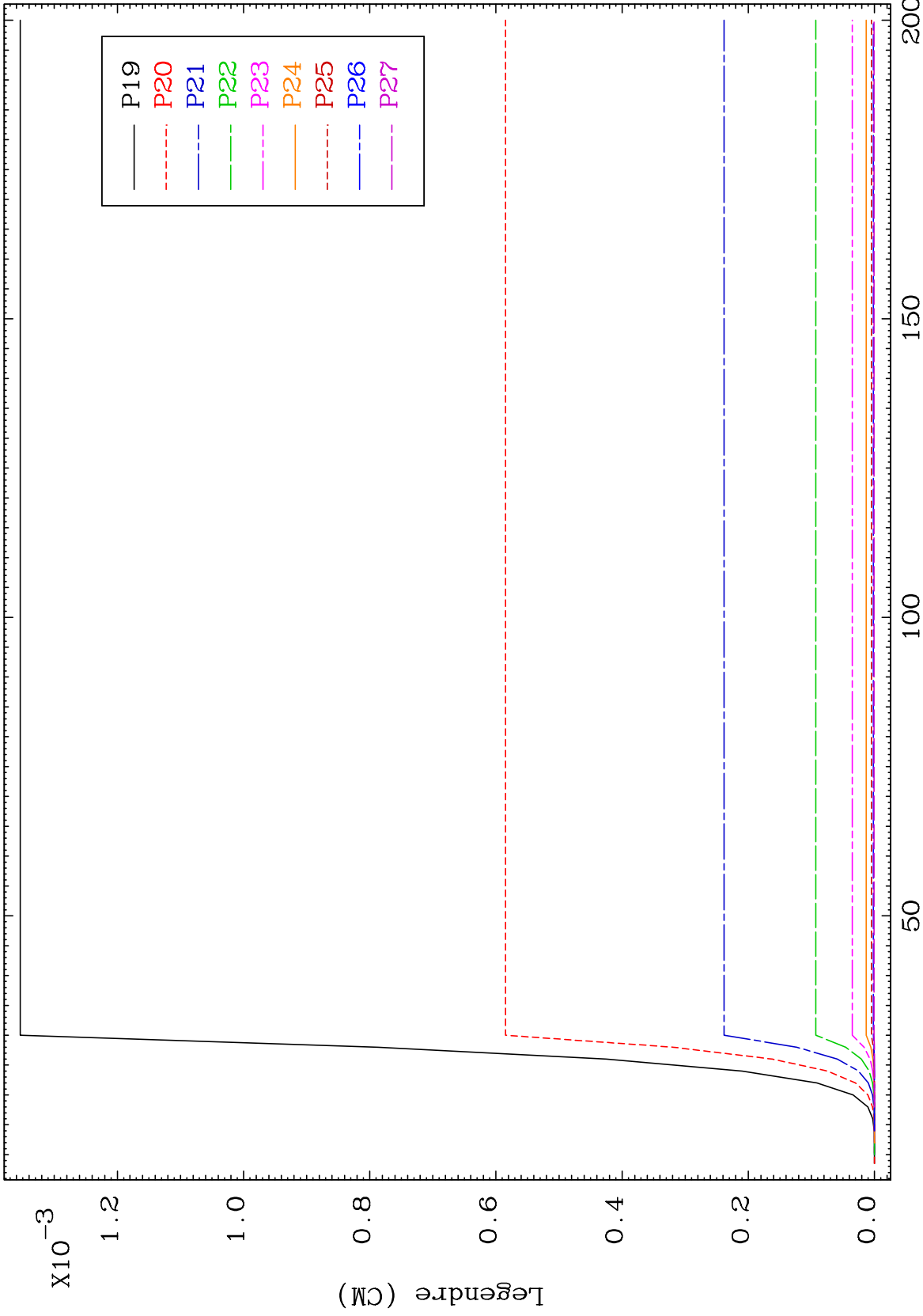
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



56

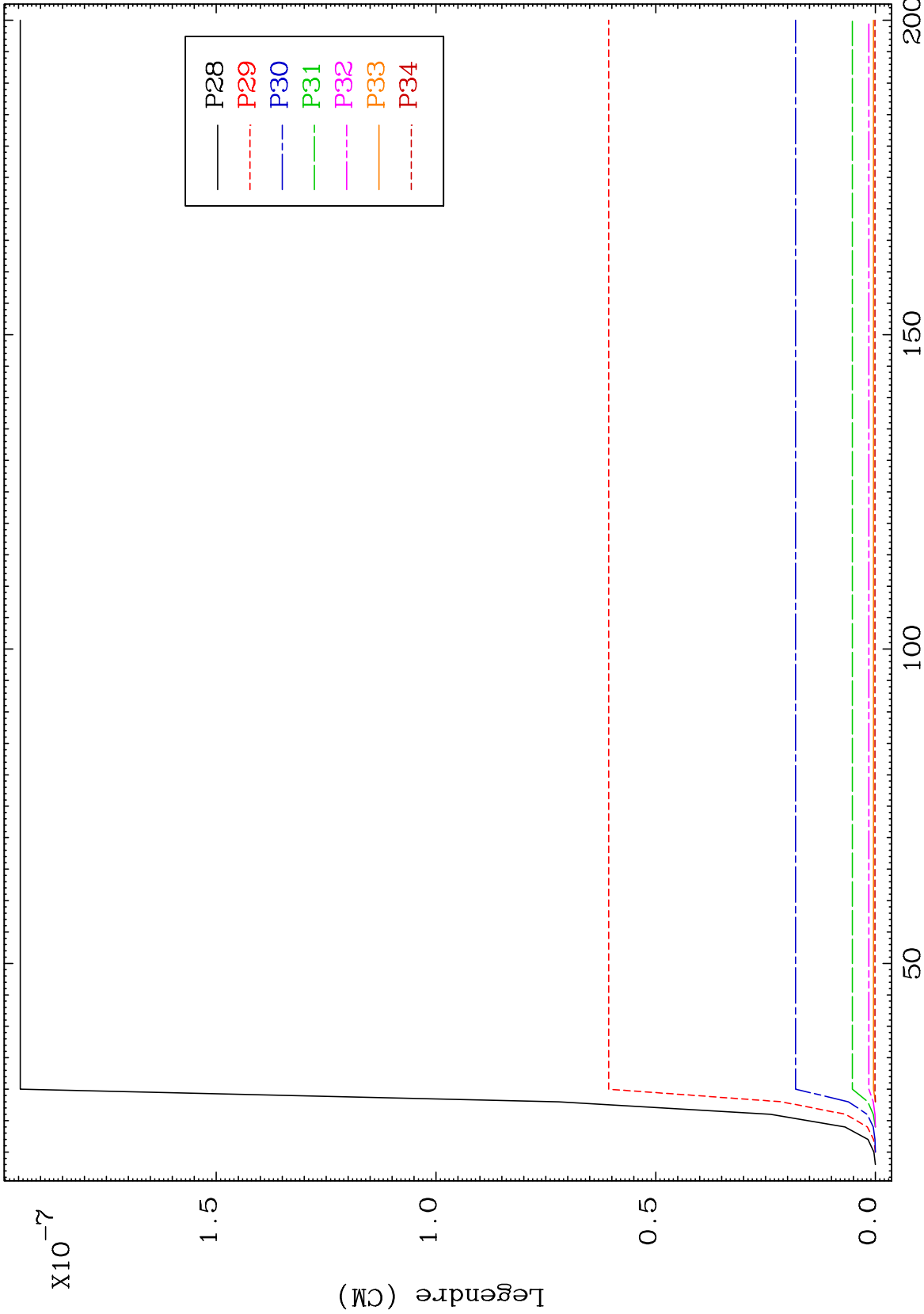
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



57

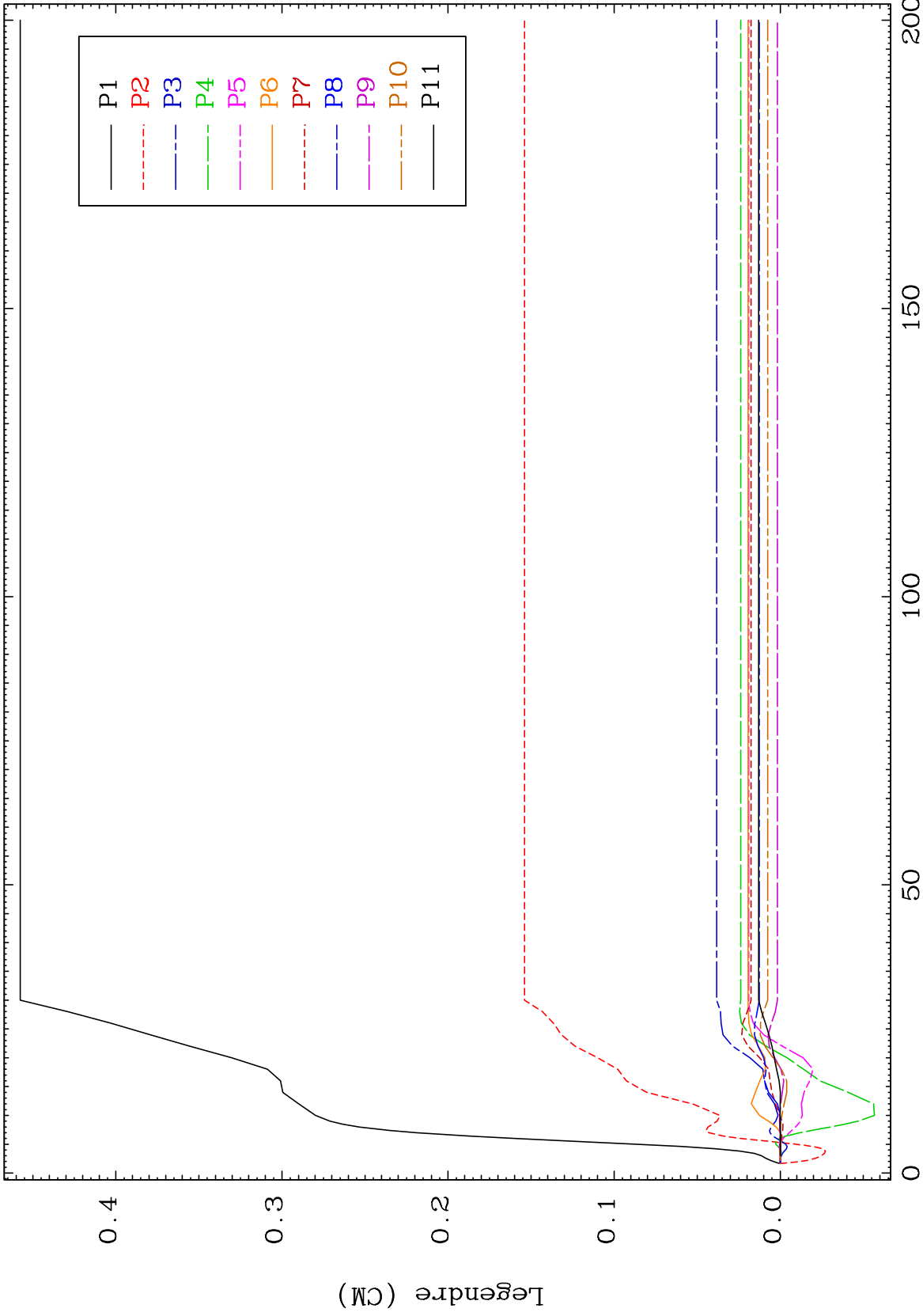
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



58

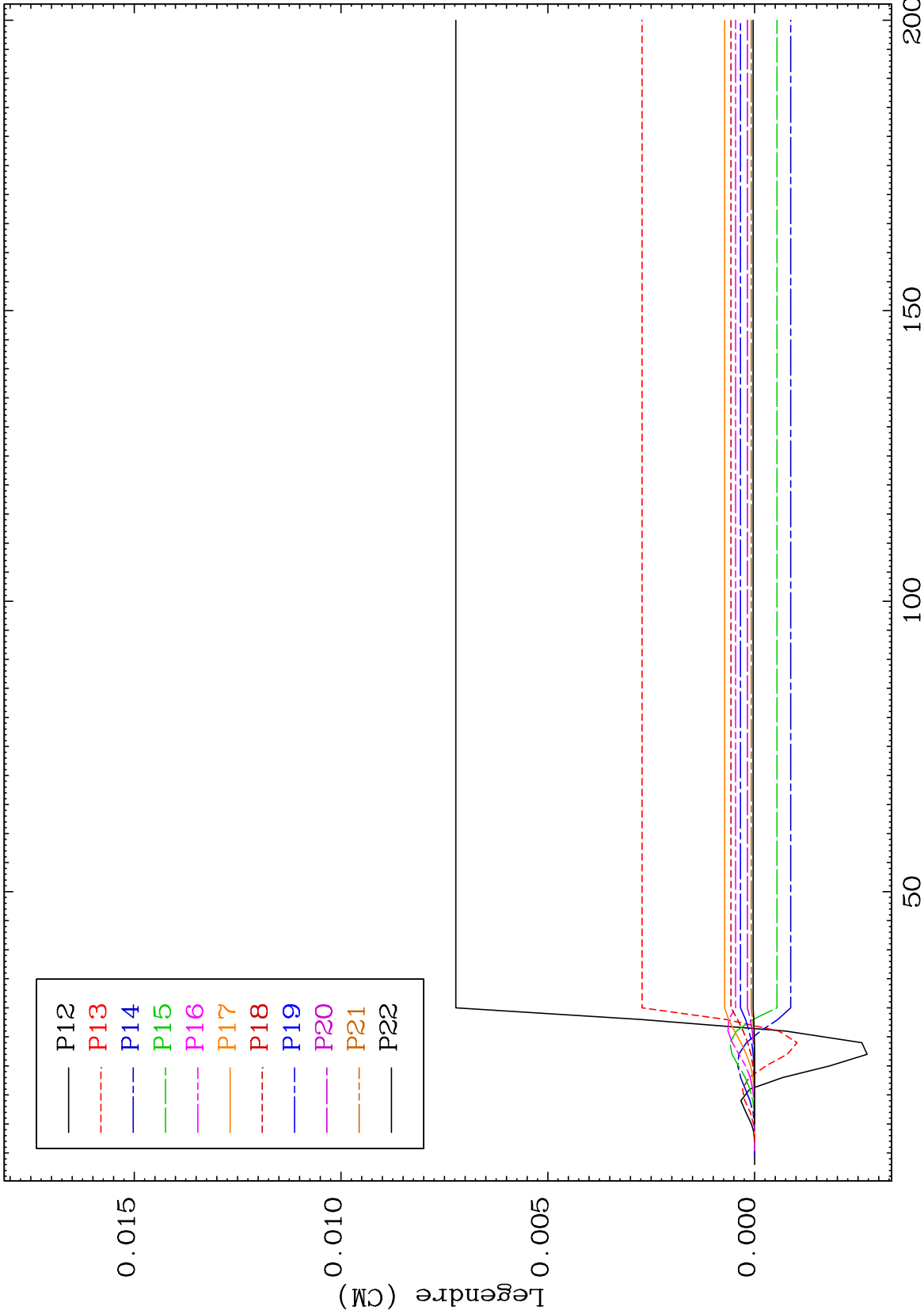
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



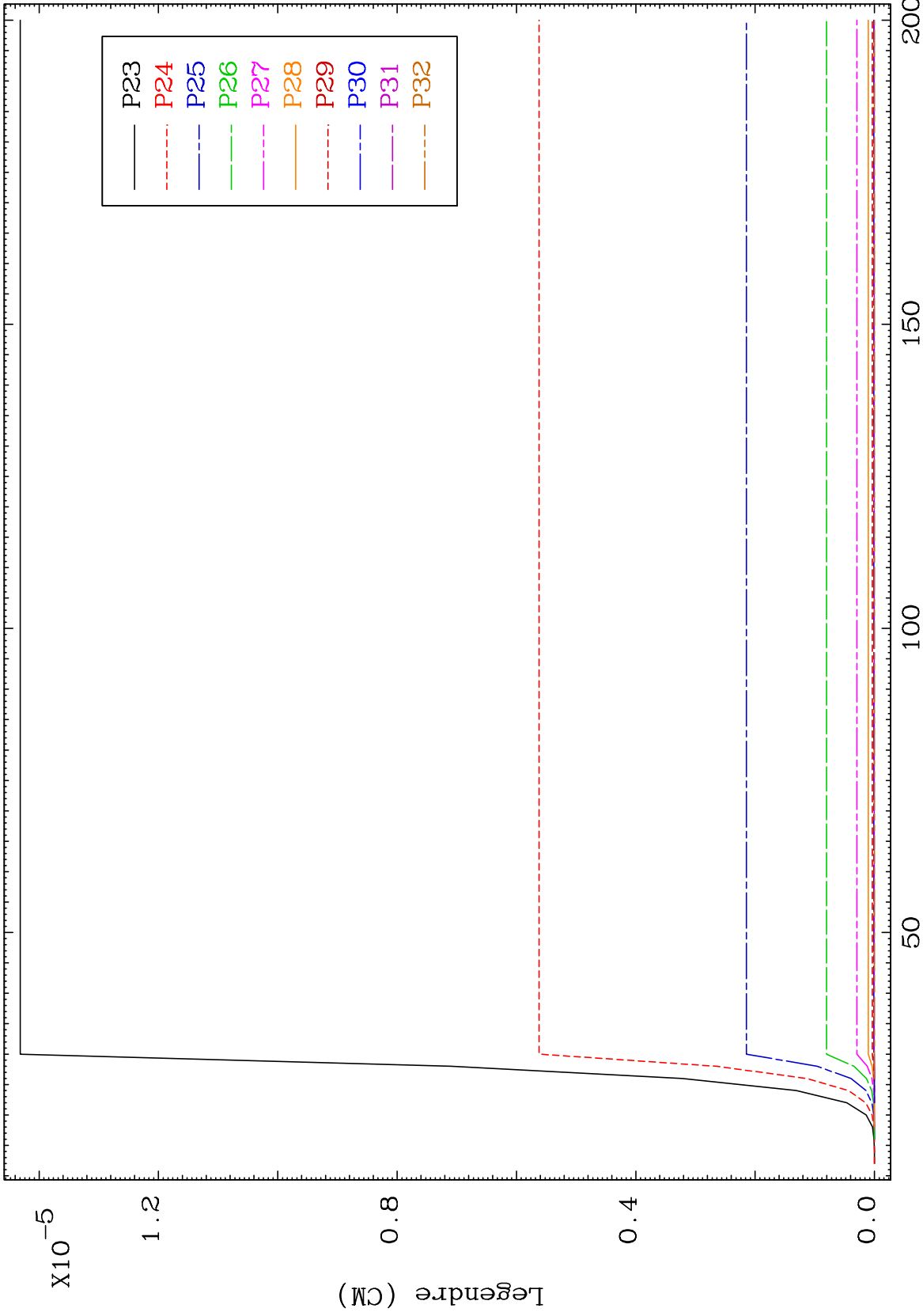
59

31-Ga-73

MAT 3137

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

31-Ga-73



60

50

100

Incident Energy (MeV)

150

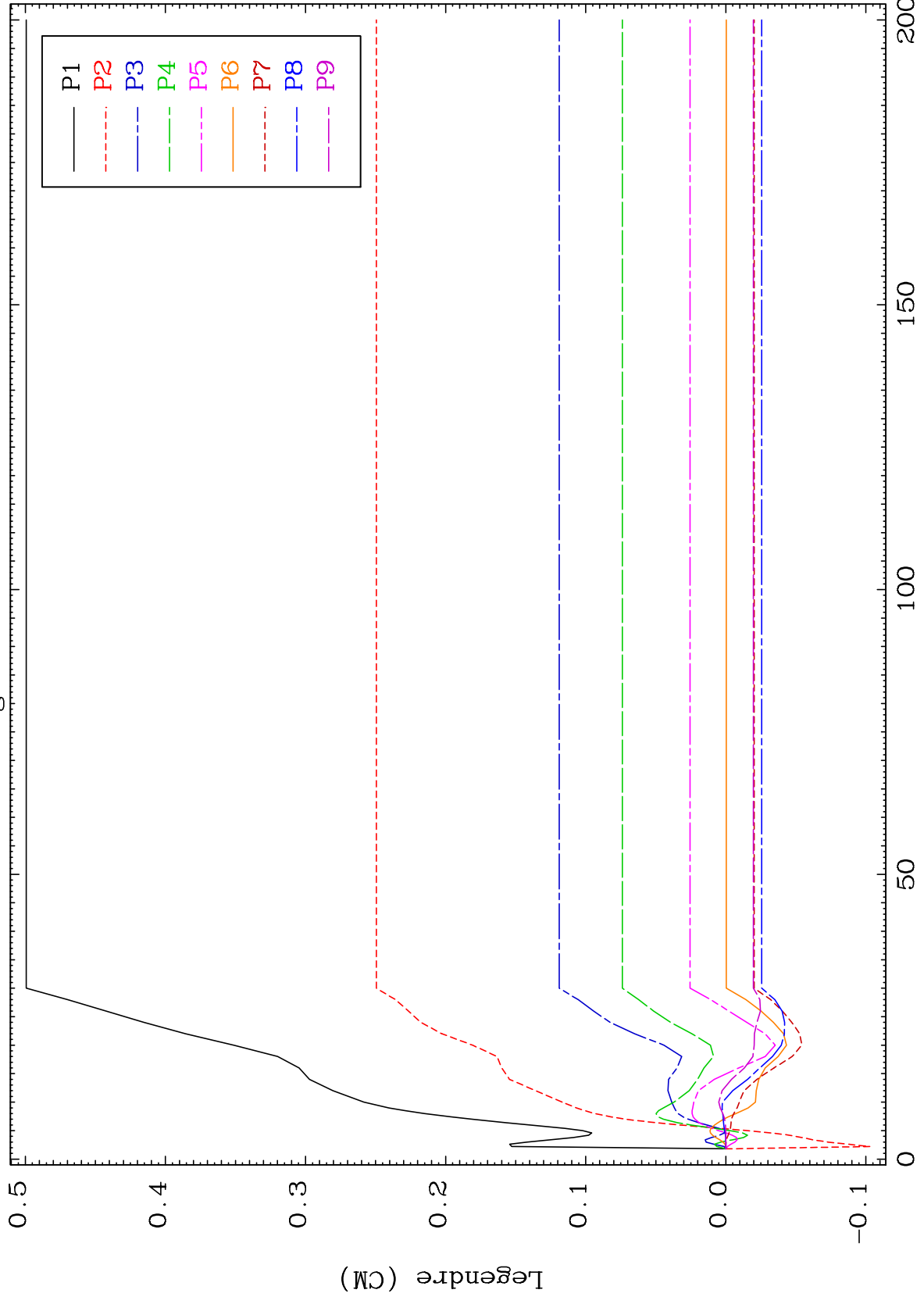
200

31-Ga-73

MAT 3137

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

31-Ga-73



61

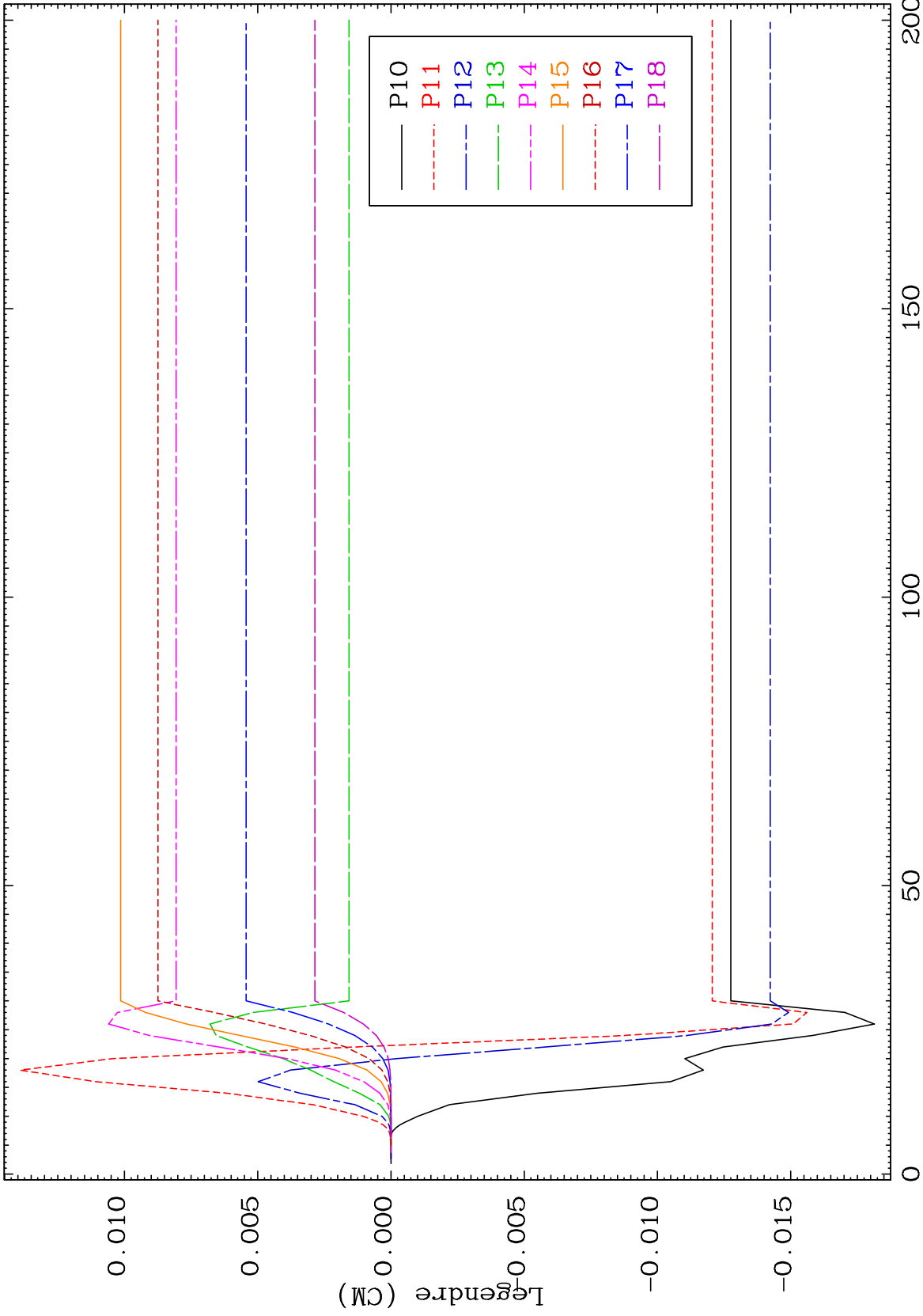
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



62

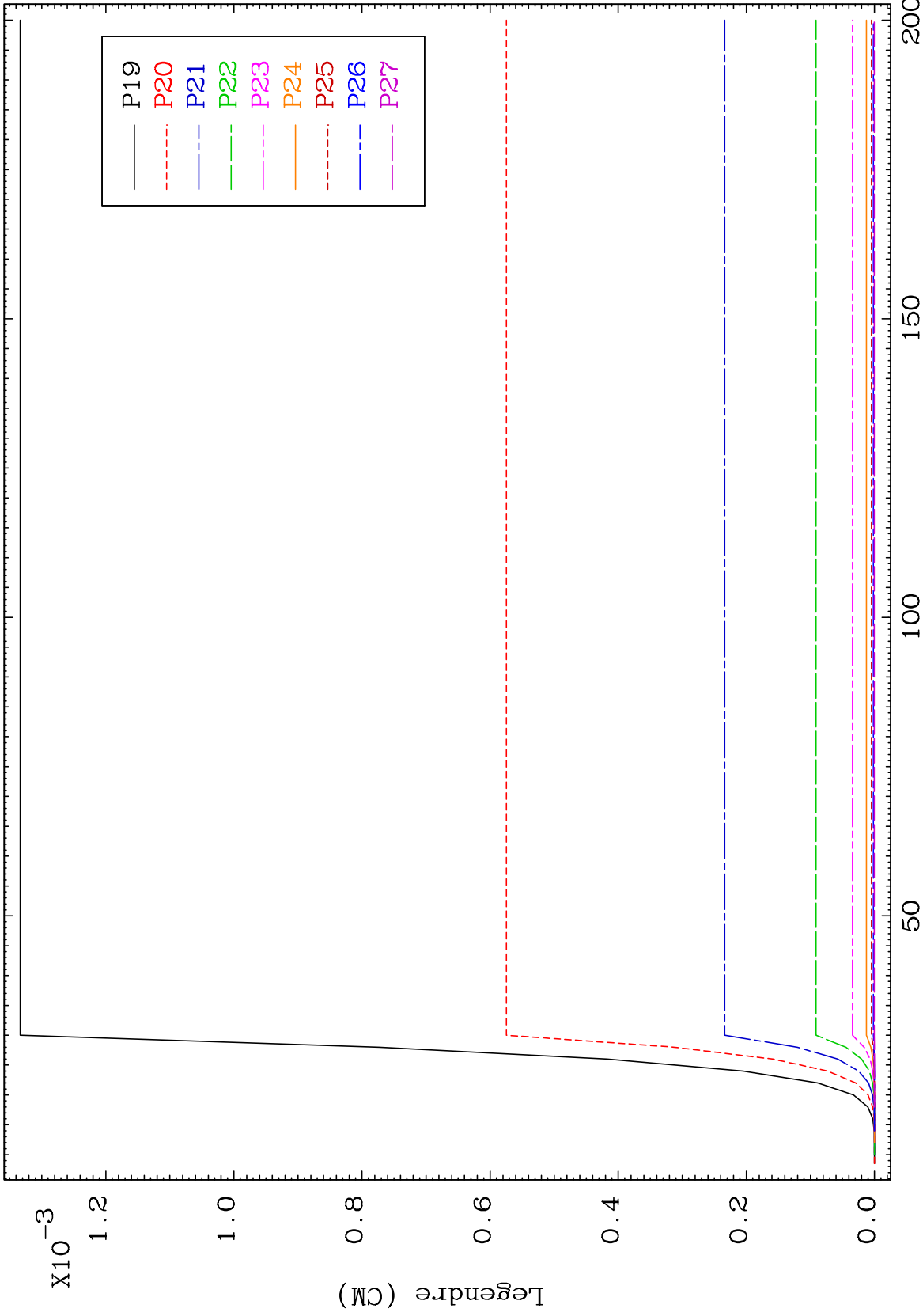
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



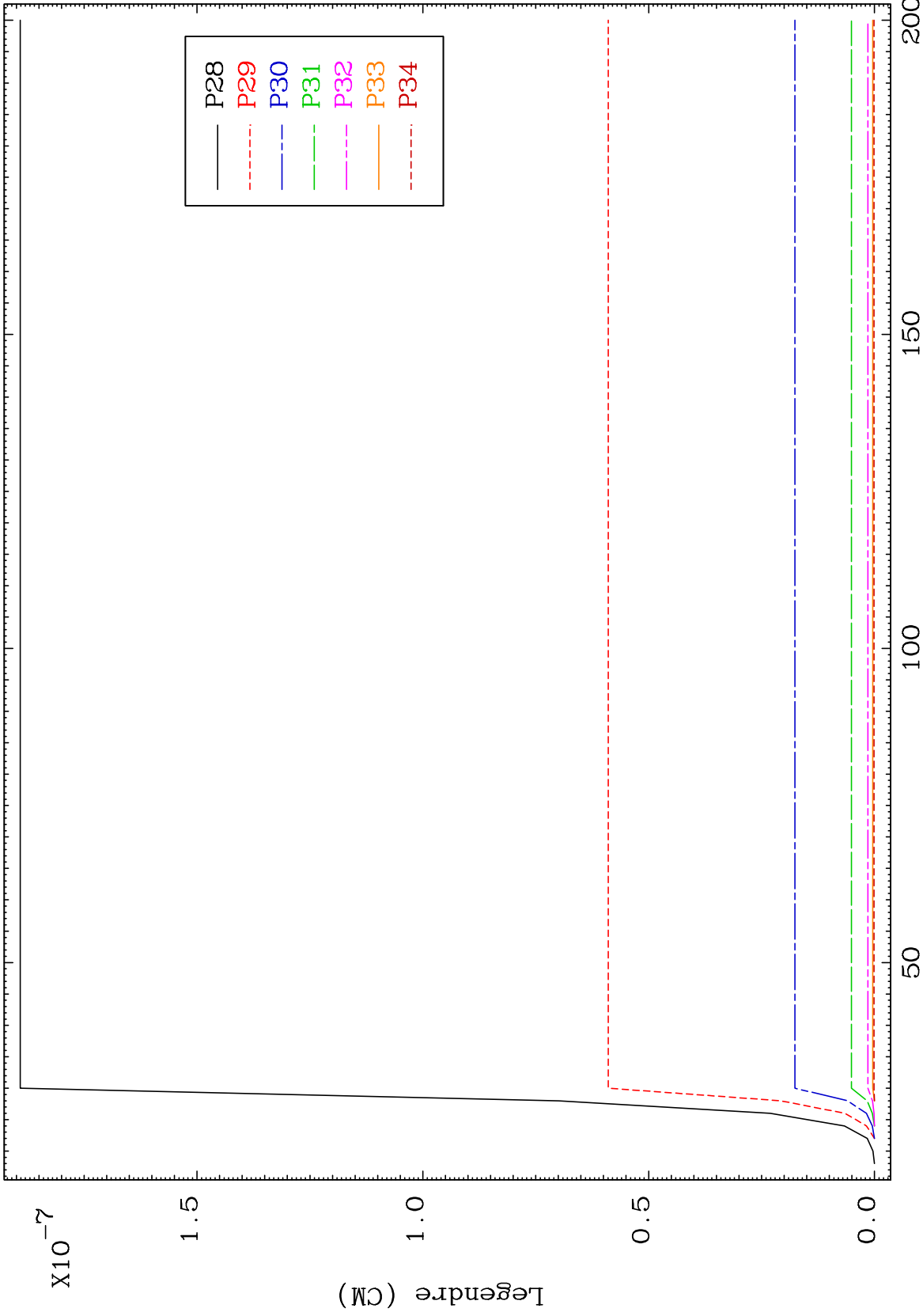
63

31-Ga-73

MAT 3137

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

31-Ga-73



64

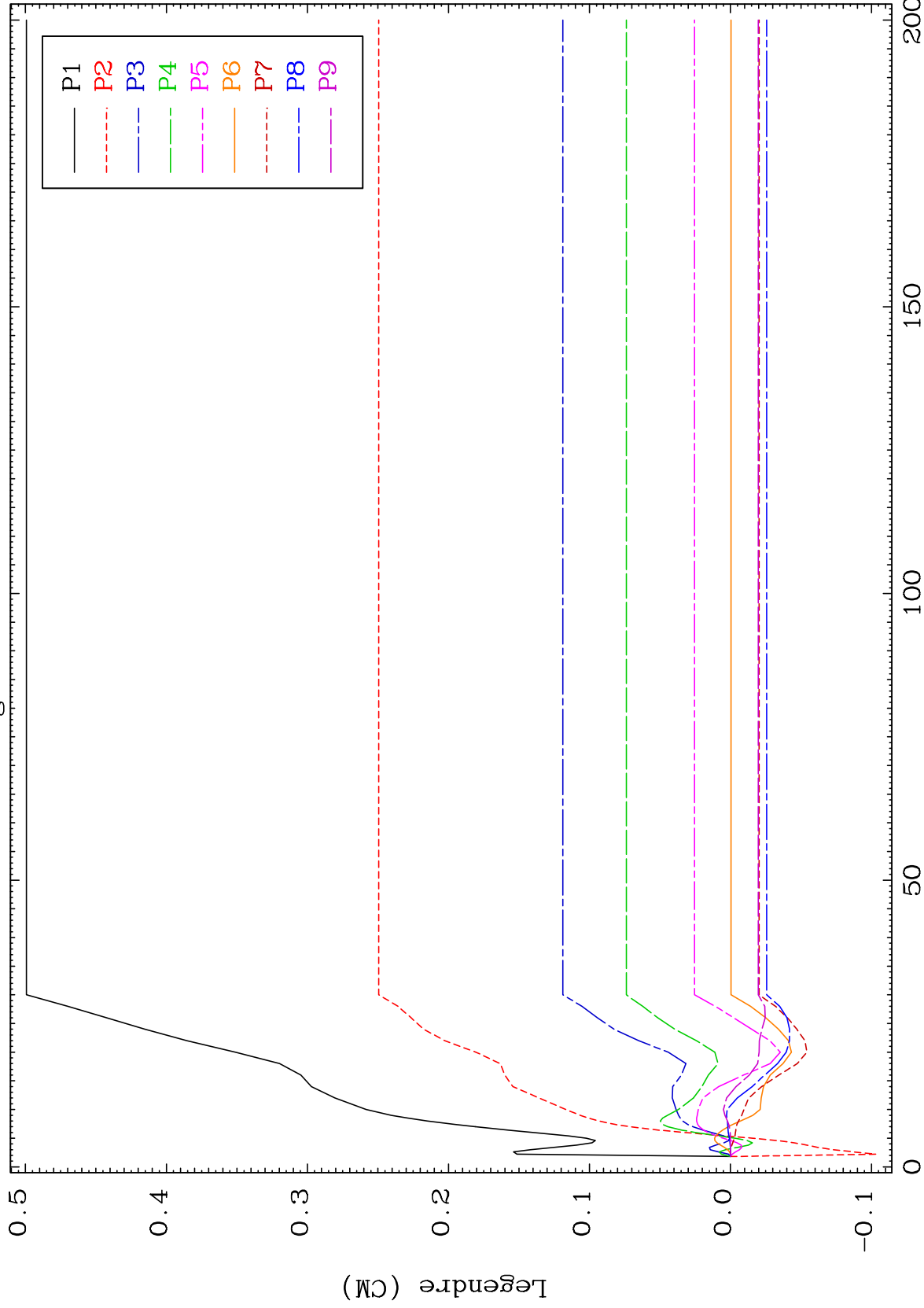
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



65

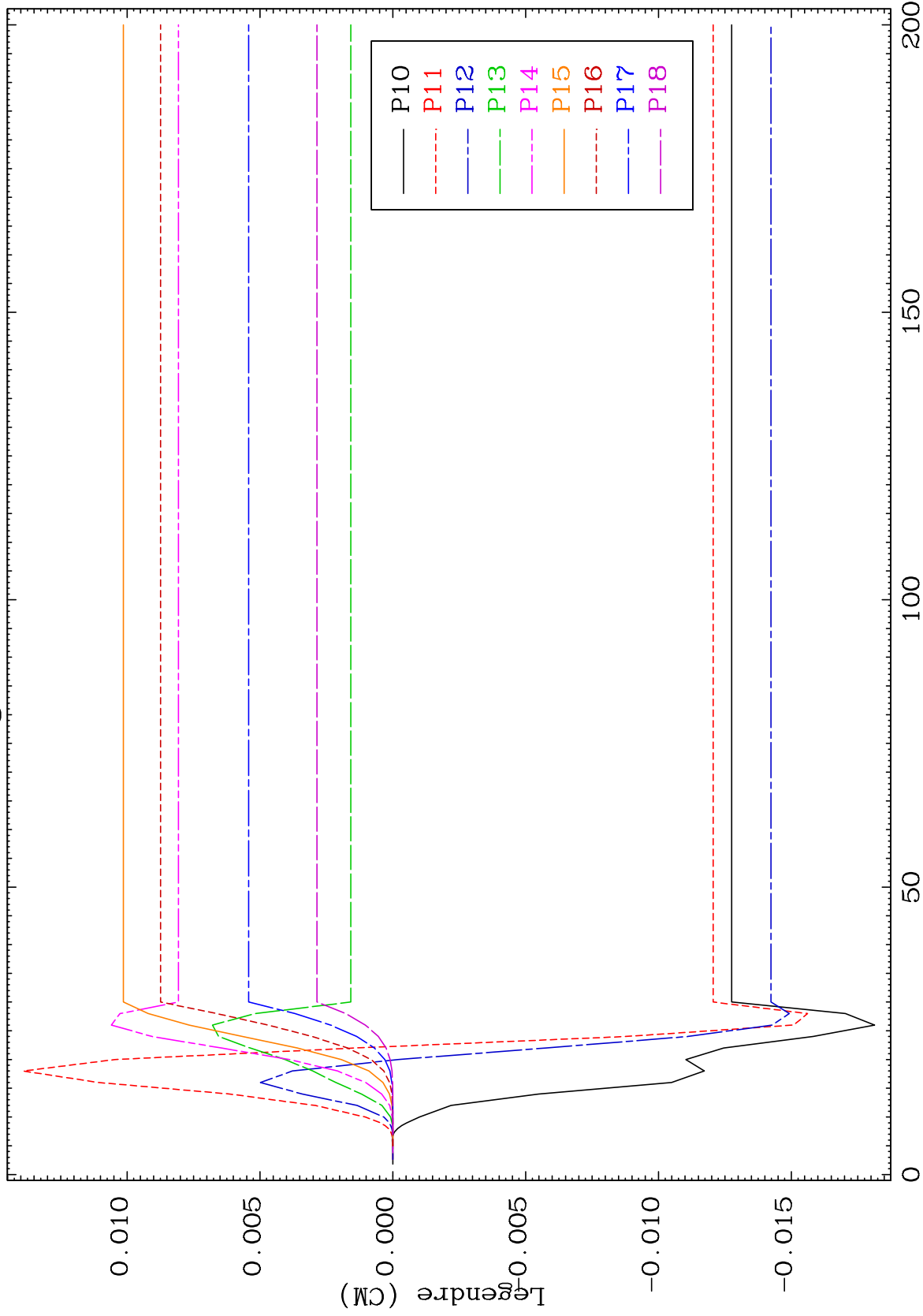
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



66

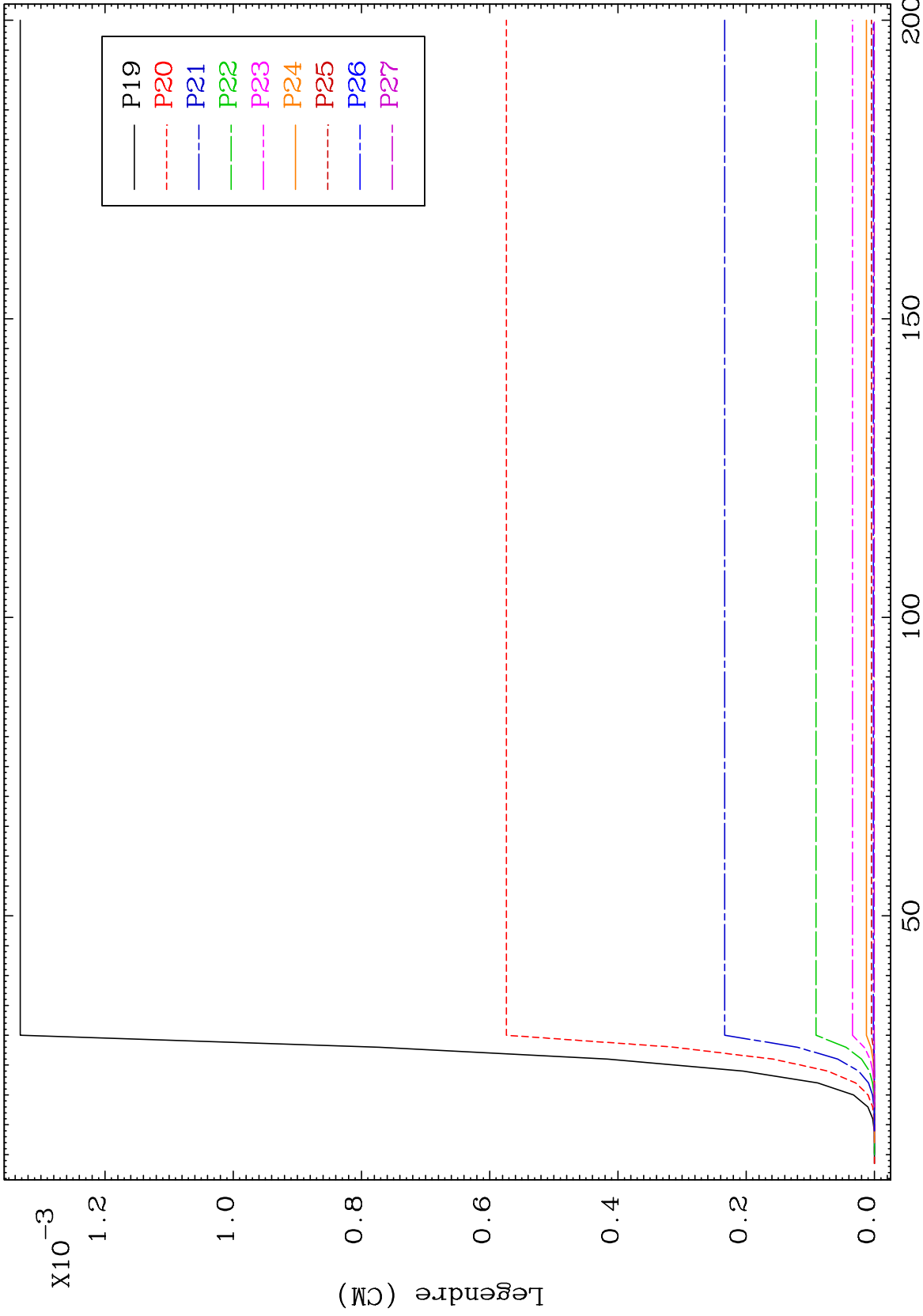
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



67

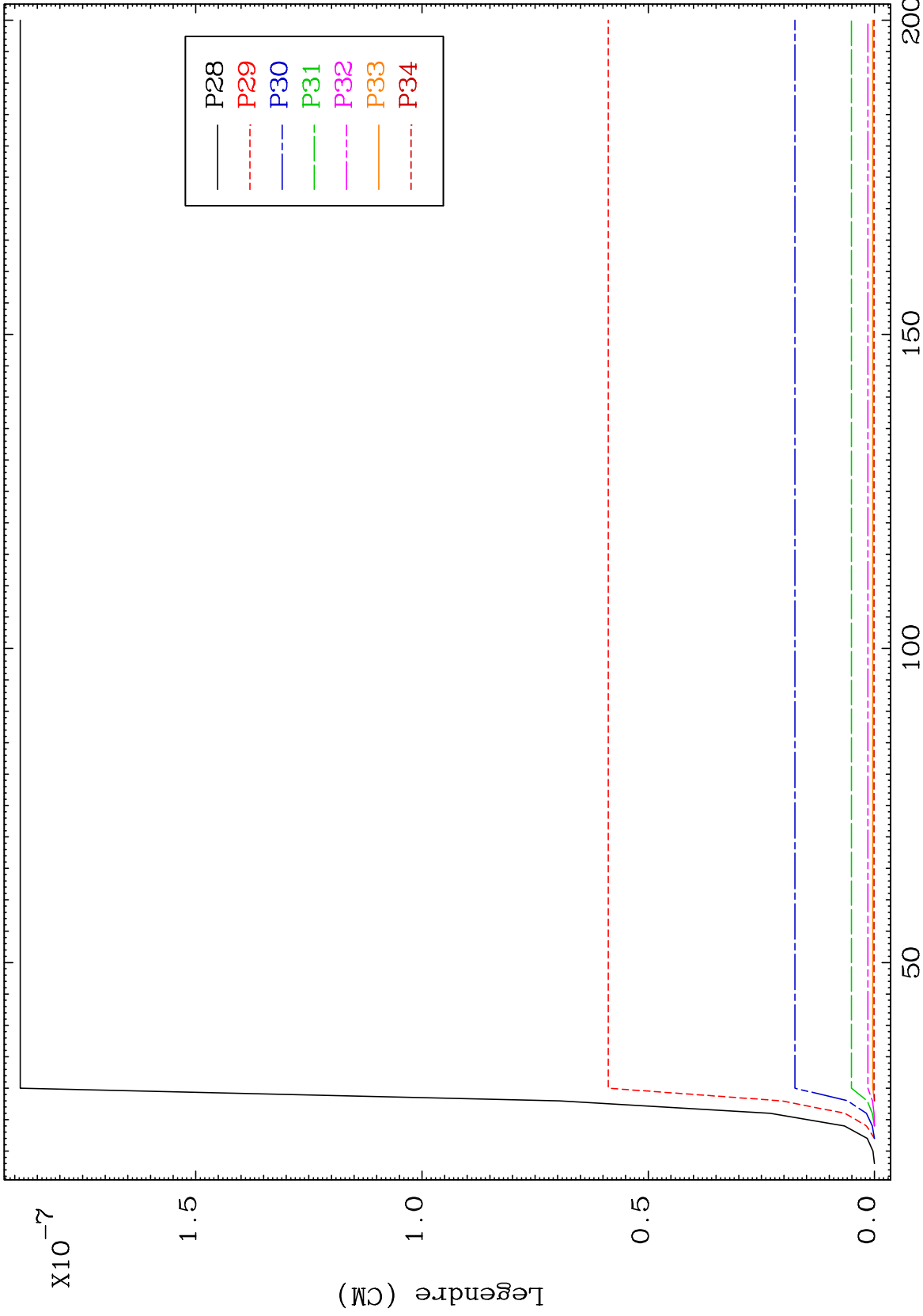
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



68

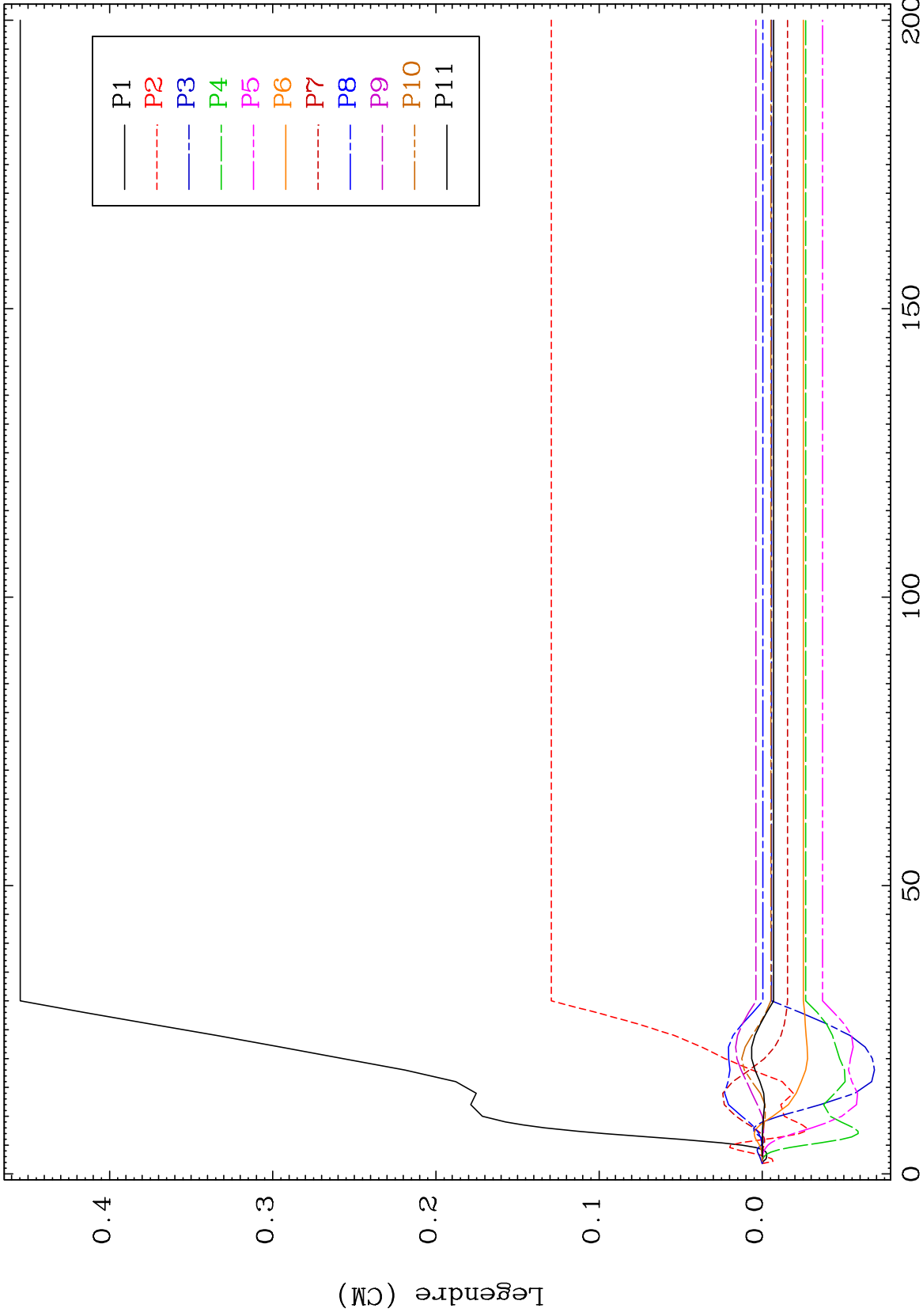
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



69

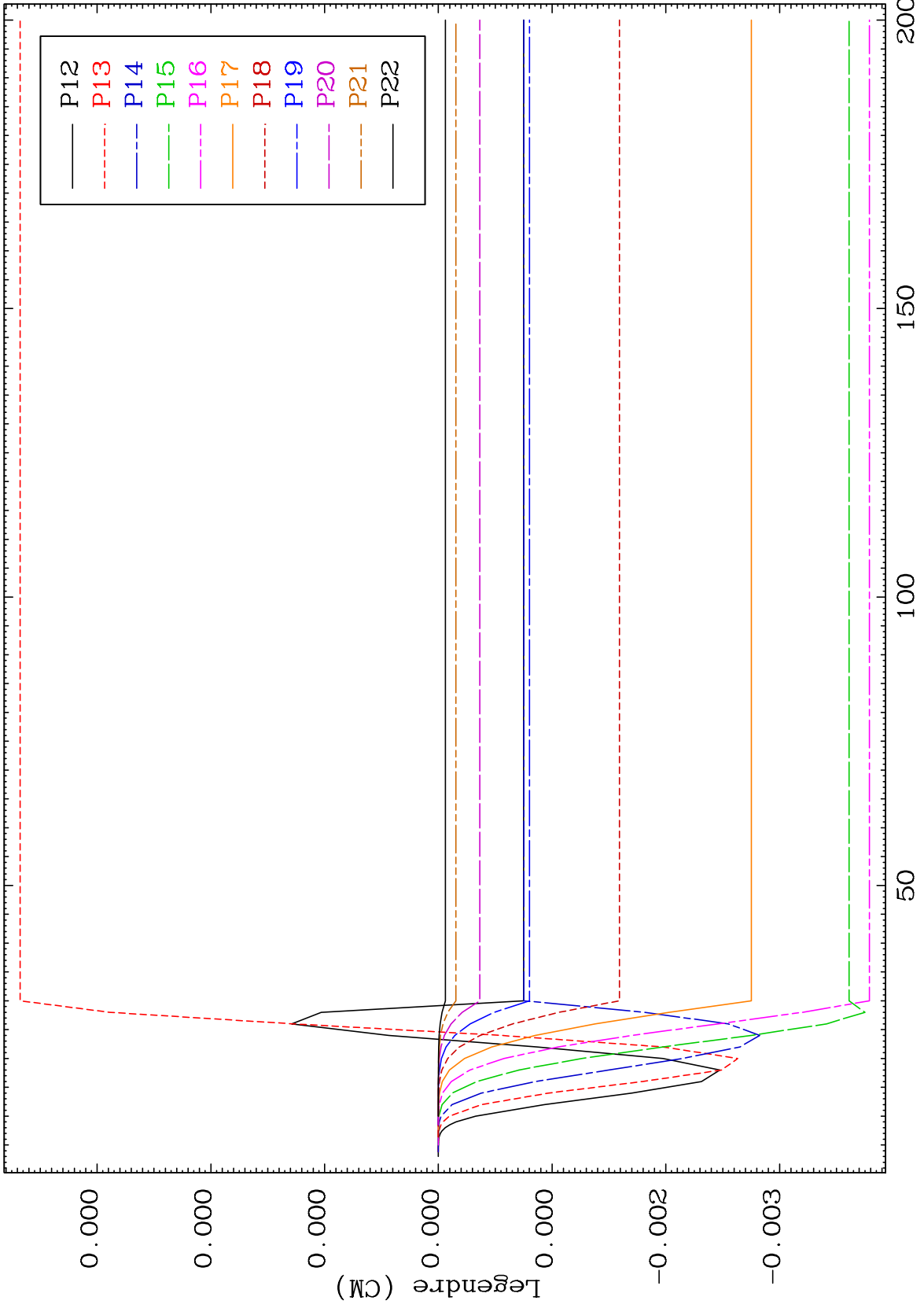
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



70

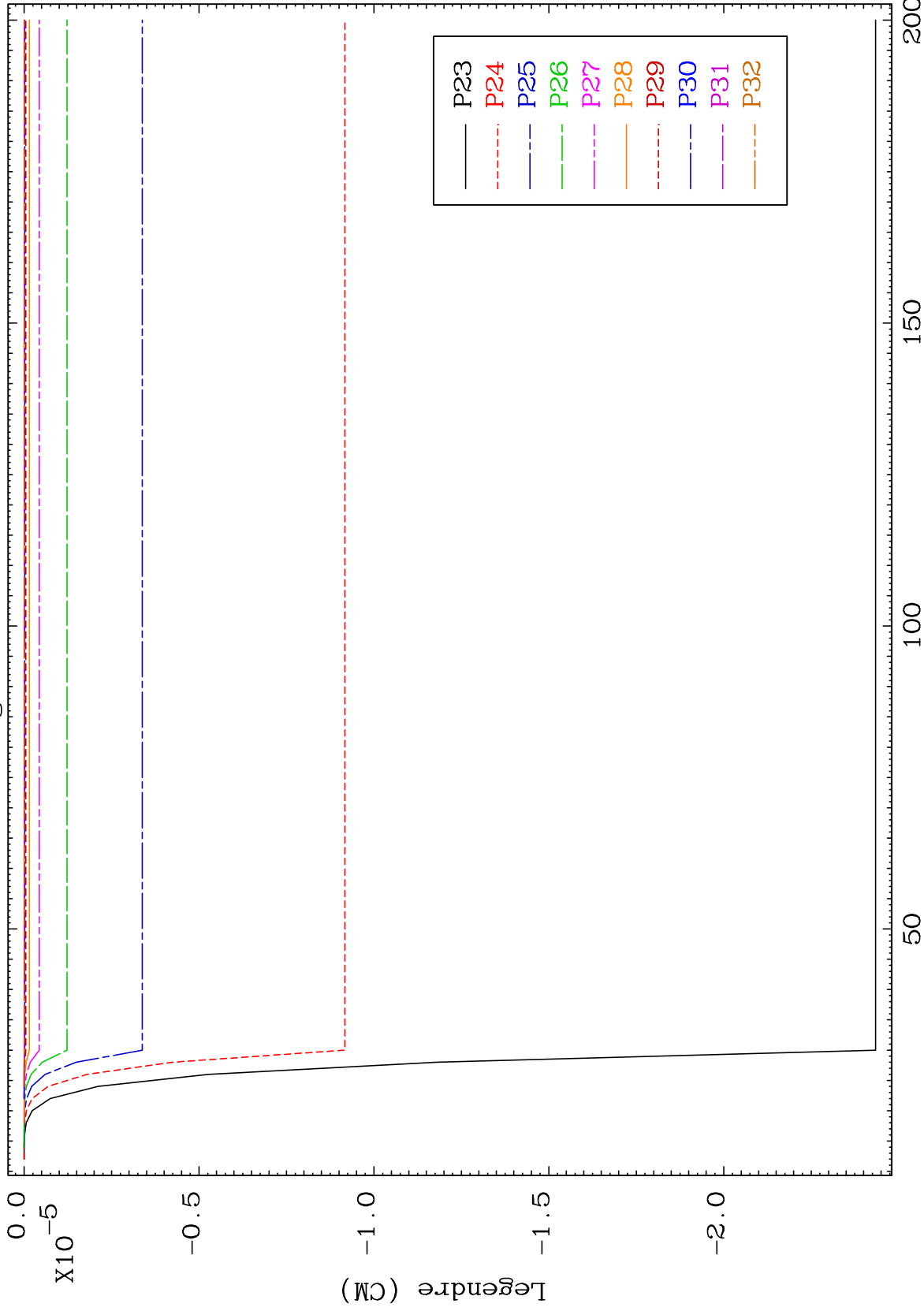
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



71

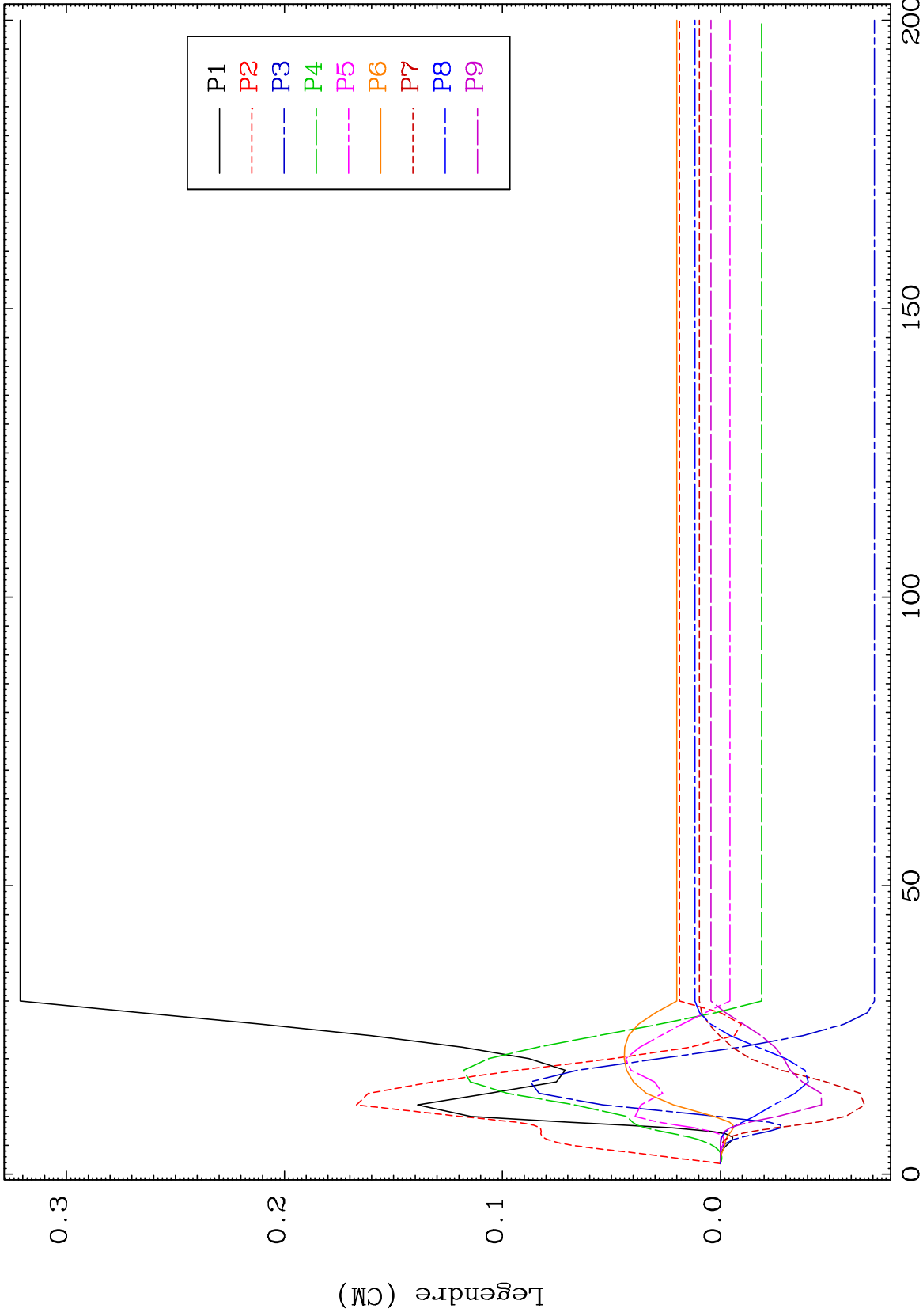
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73

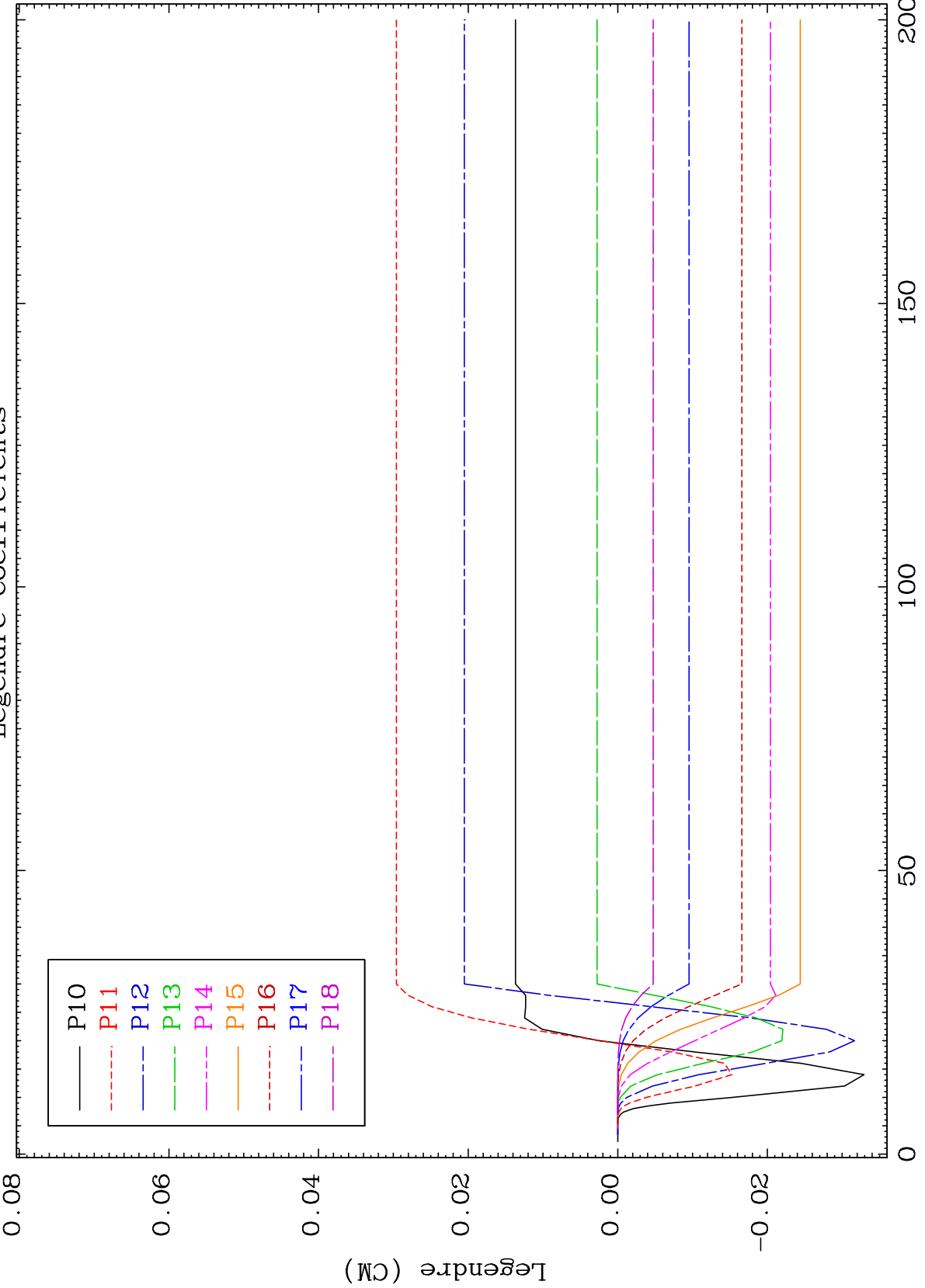


72

Incident Energy (MeV)

31-Ga-73

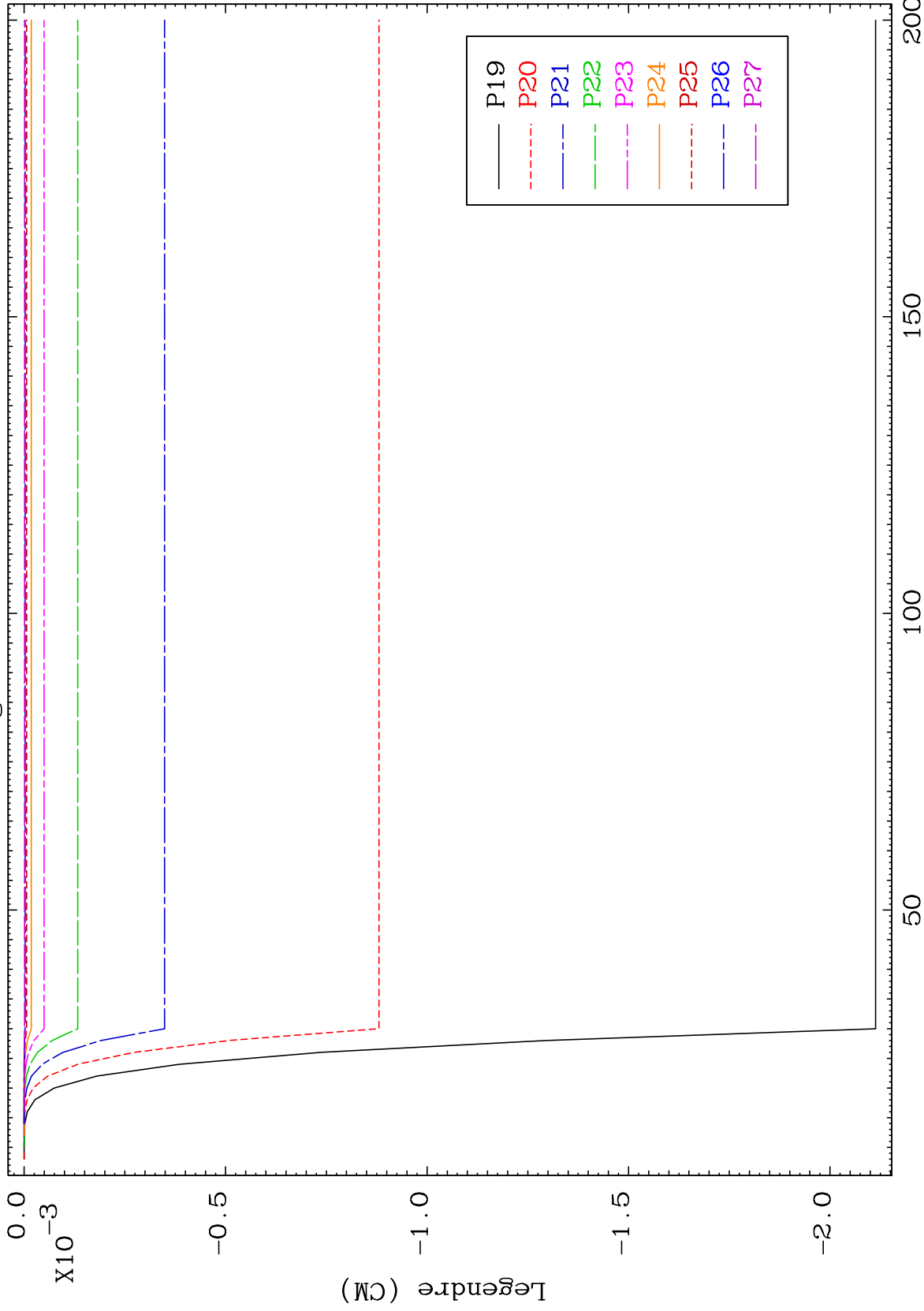
MAT 3137 MT= 65 (n,n') Level Legendre Coefficients 31-Ga-73



31-Ga-73

Incident Energy (MeV)

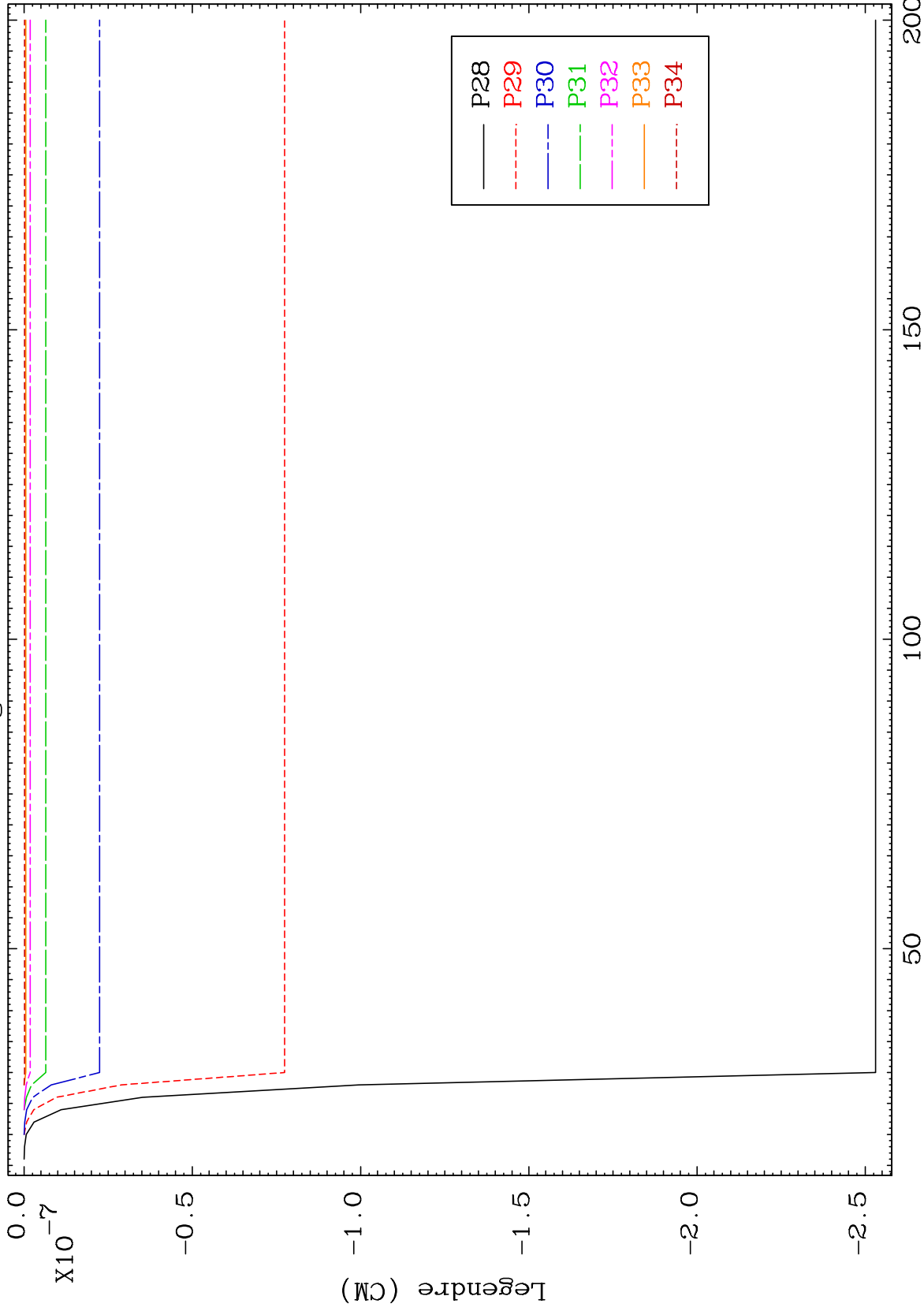
73



MAT 3137

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

31-Ga-73



31-Ga-73

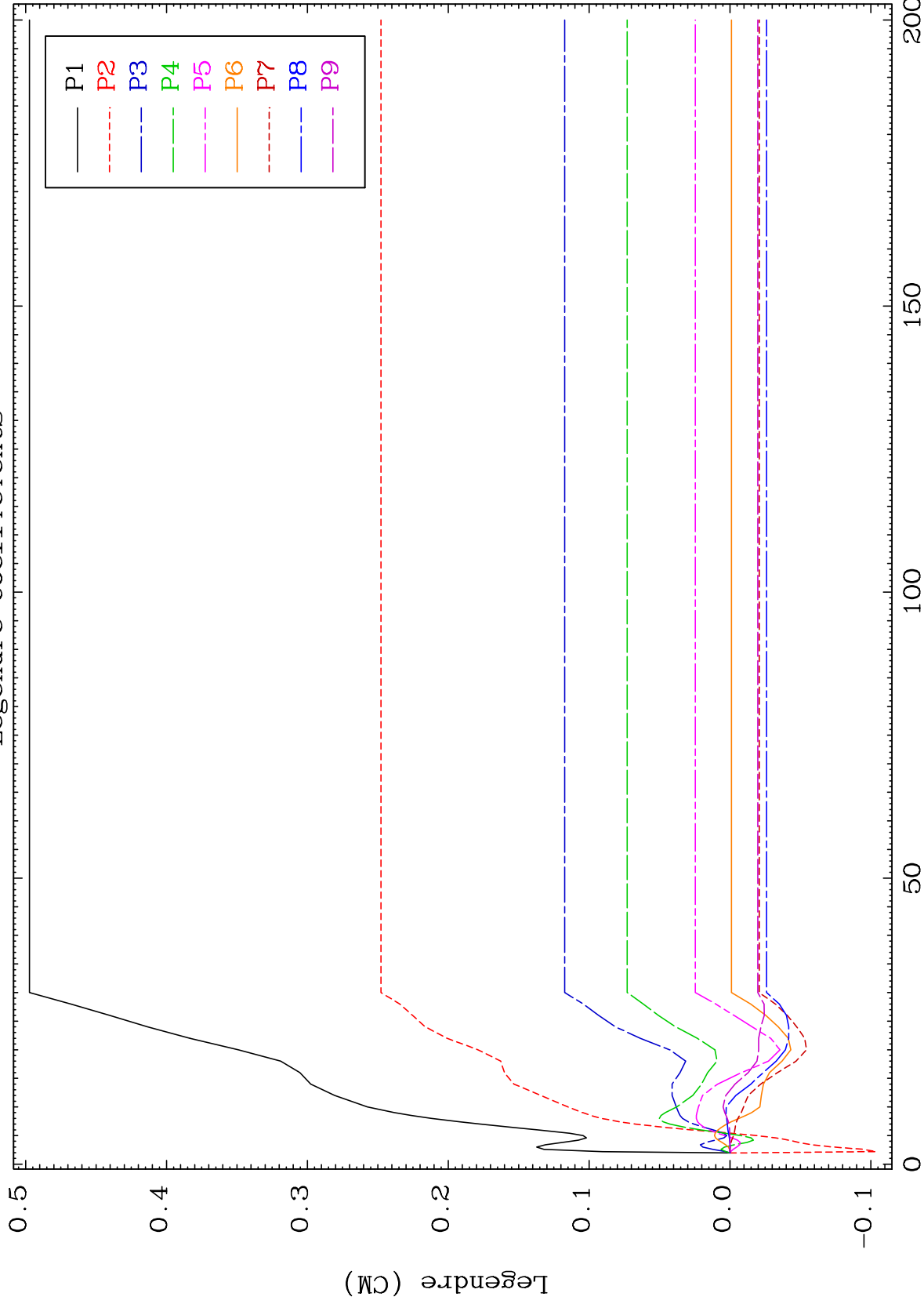
Incident Energy (MeV)

75

MAT 3137

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

31-Ga-73



76

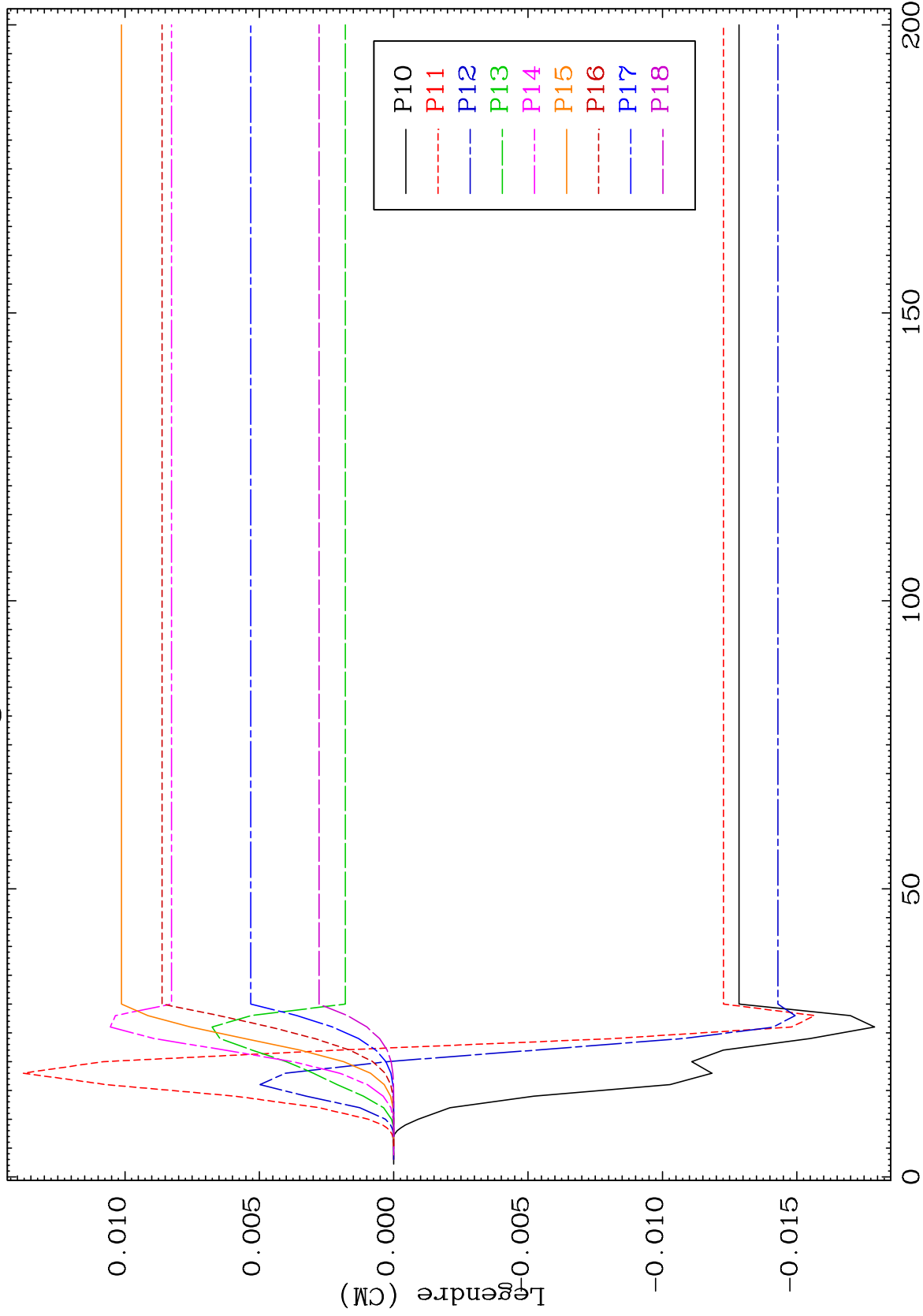
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

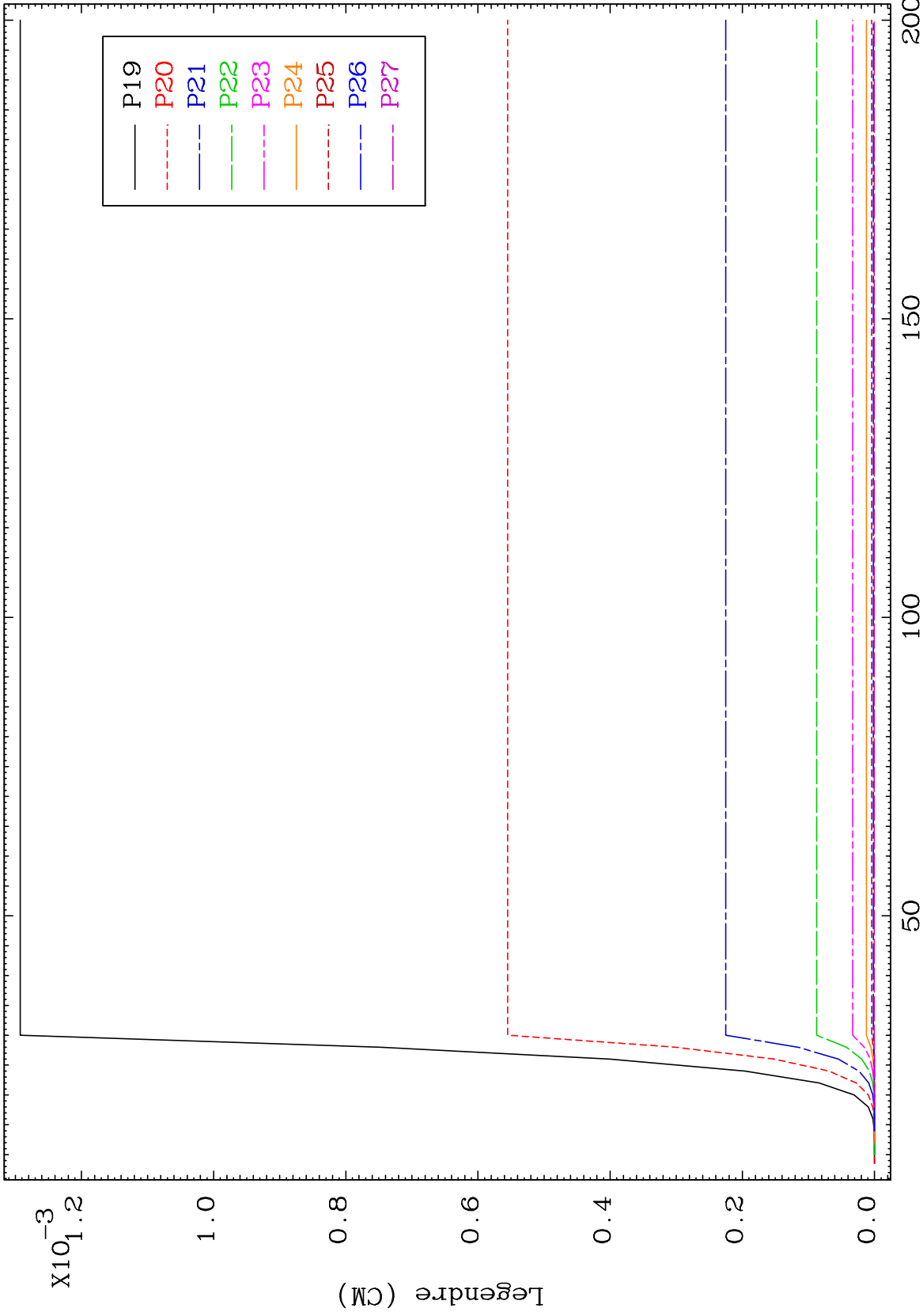
31-Ga-73



MAT 3137

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

31-Ga-73



78

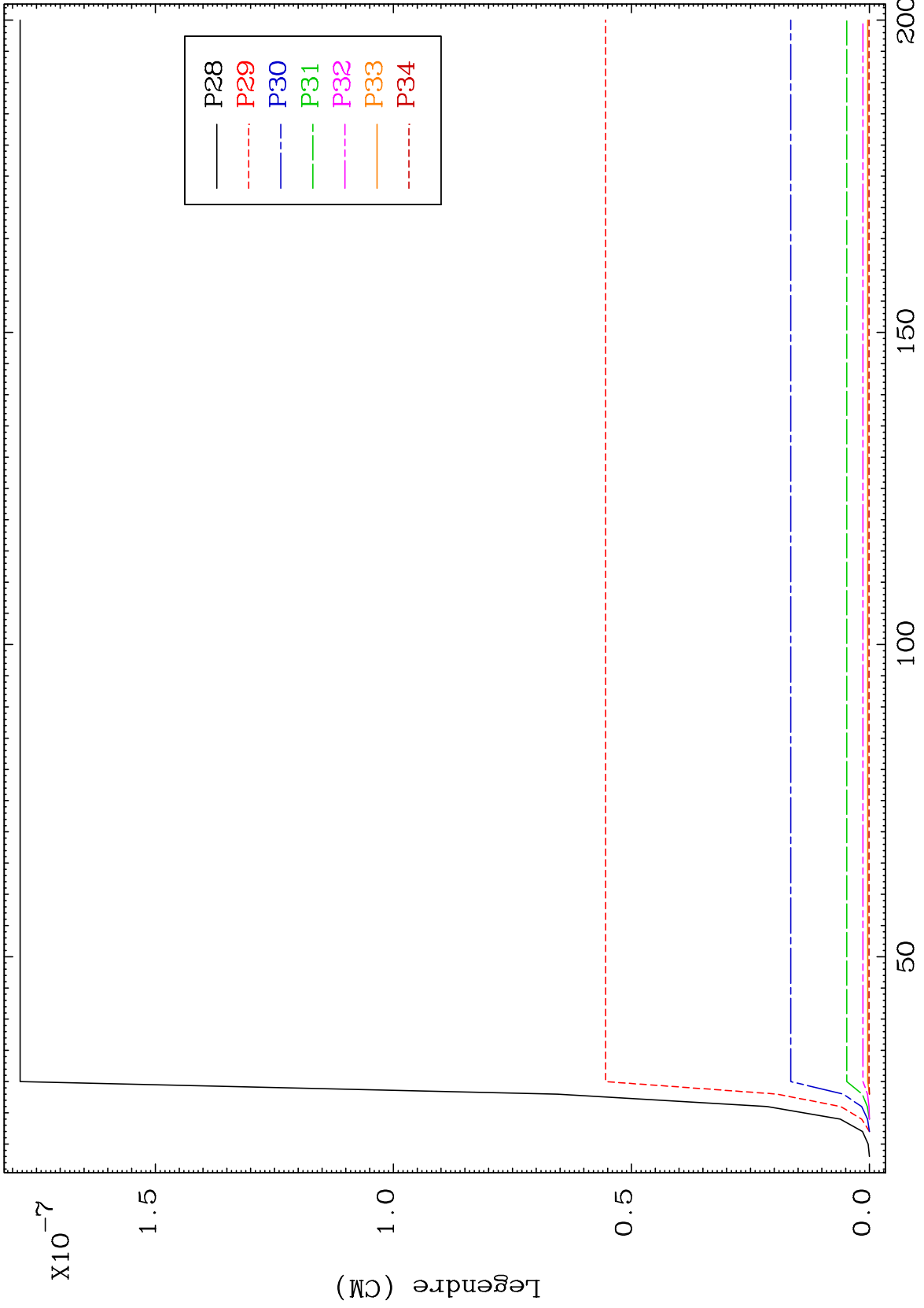
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



79

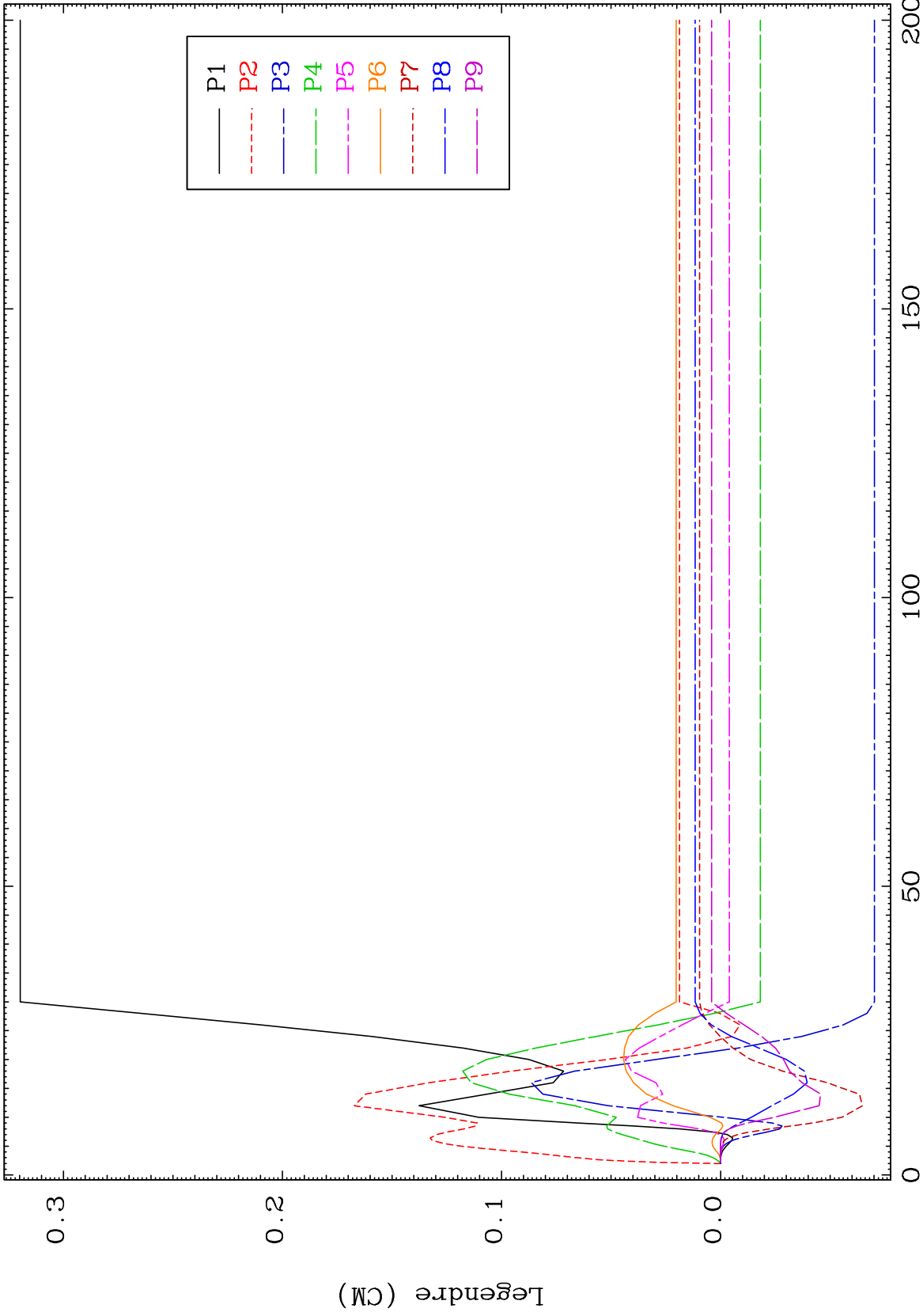
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



80

Incident Energy (MeV)

31-Ga-73

200

150

100

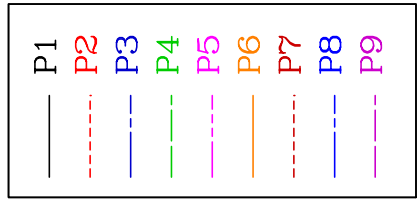
50

0.3

0.2

0.1

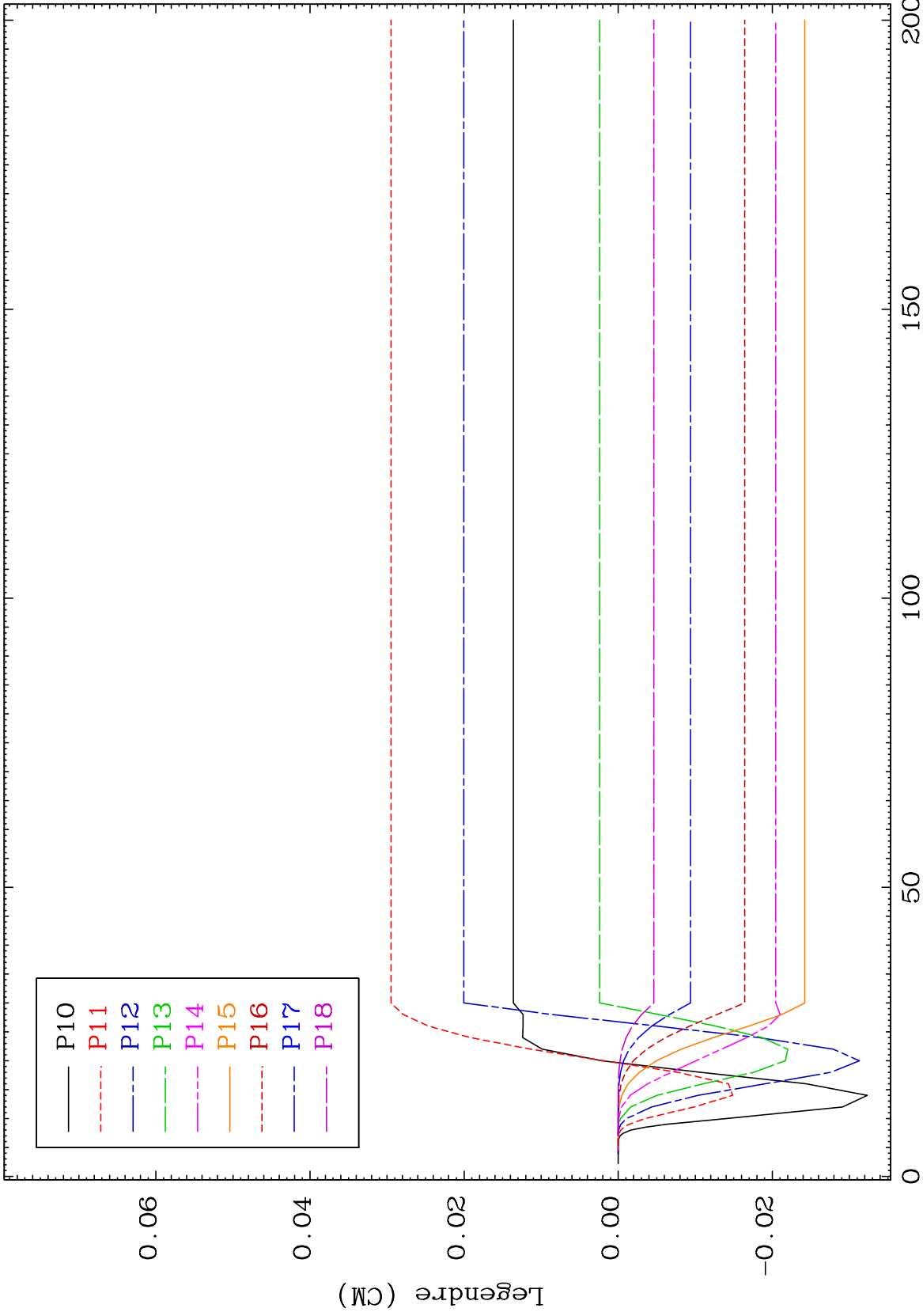
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MAT 3137

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

31-Ga-73



81

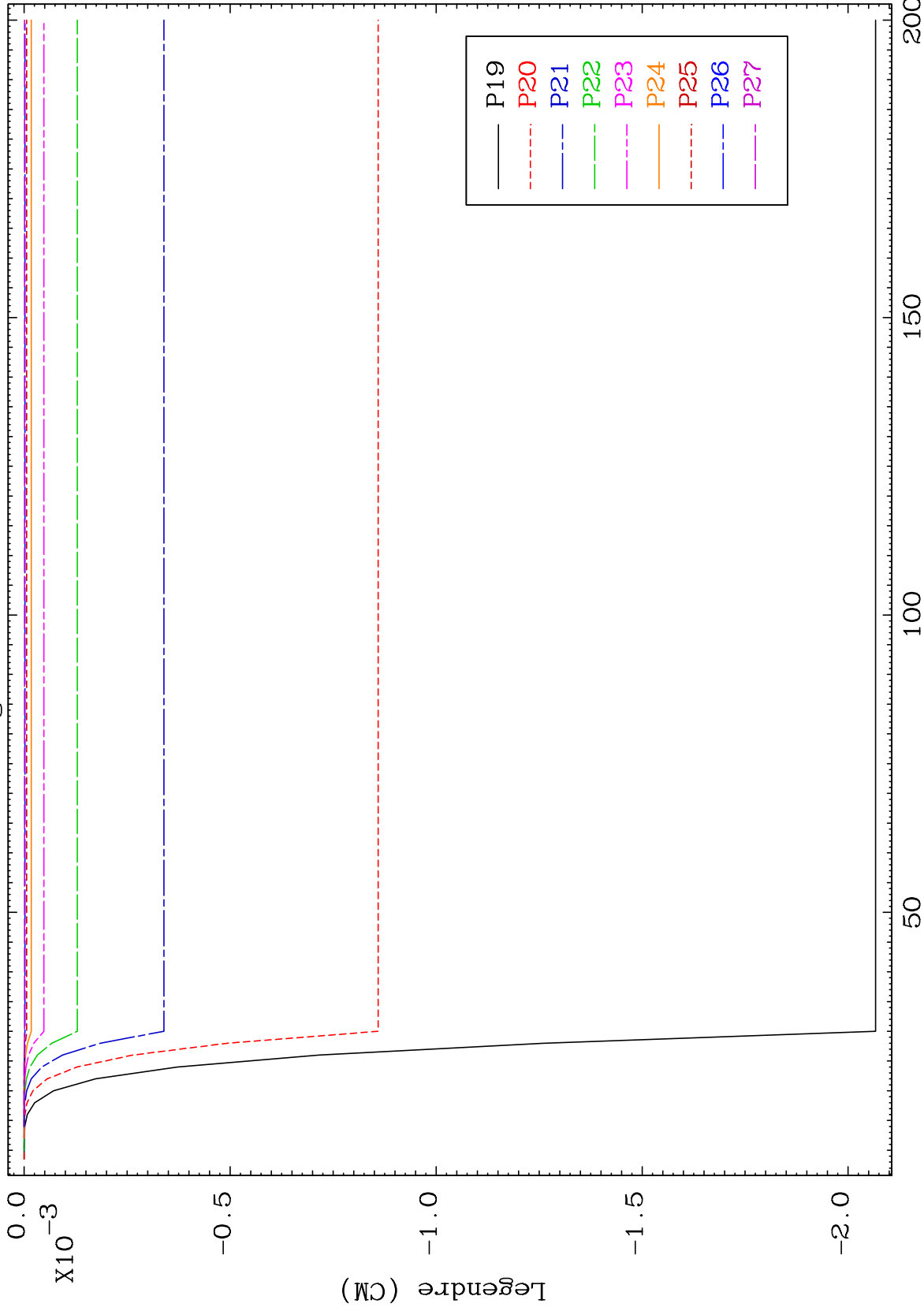
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



82

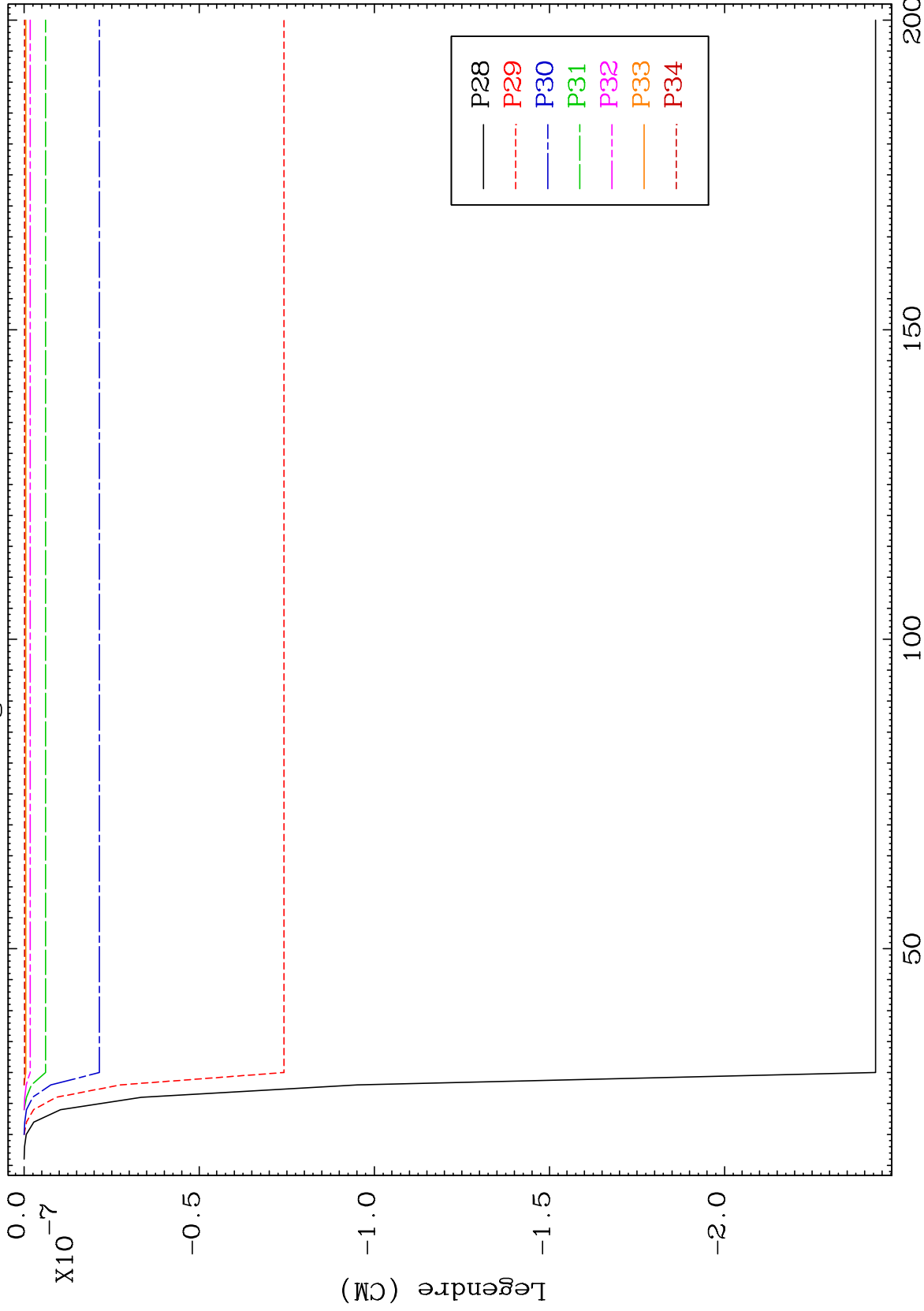
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



83

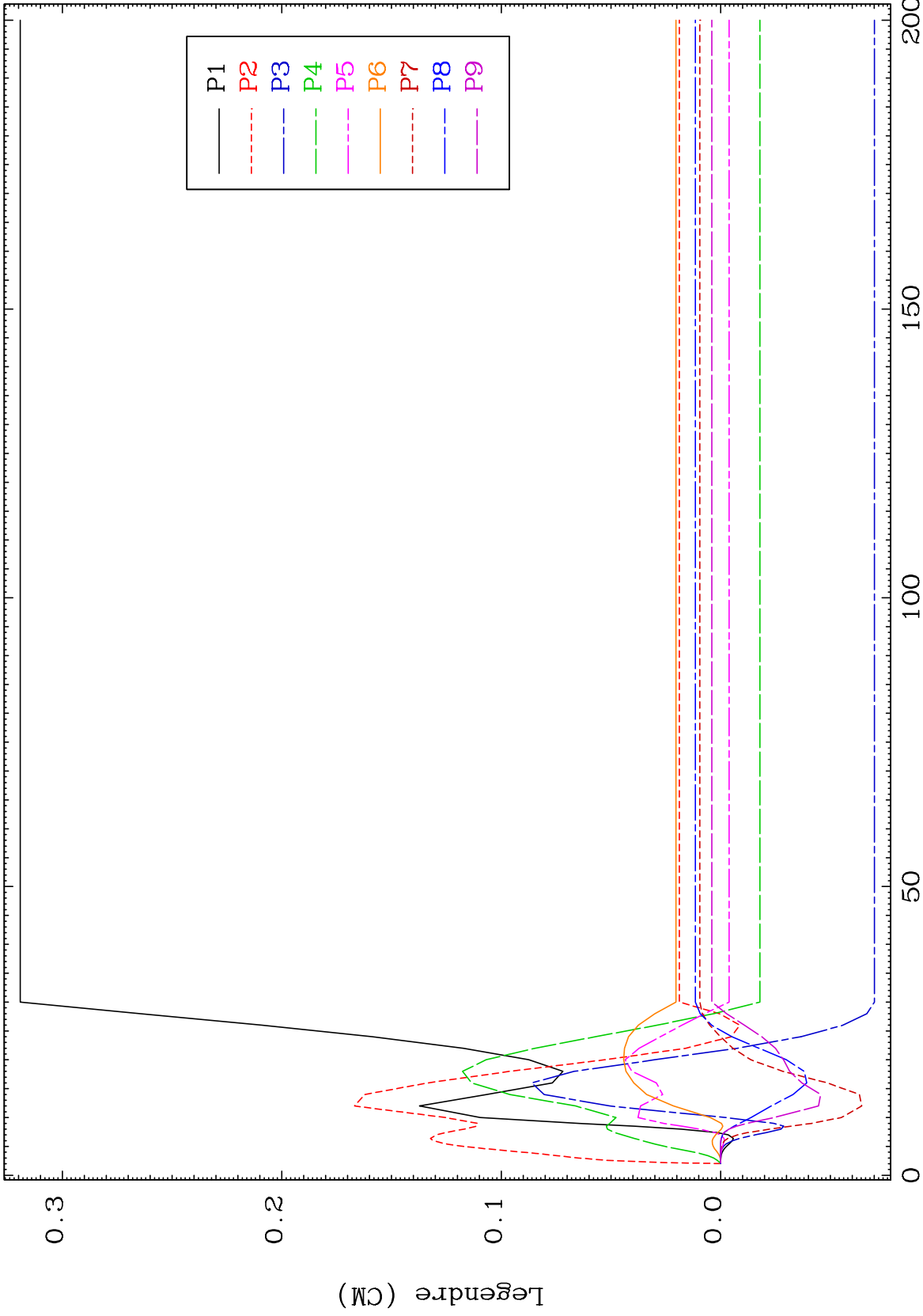
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



84

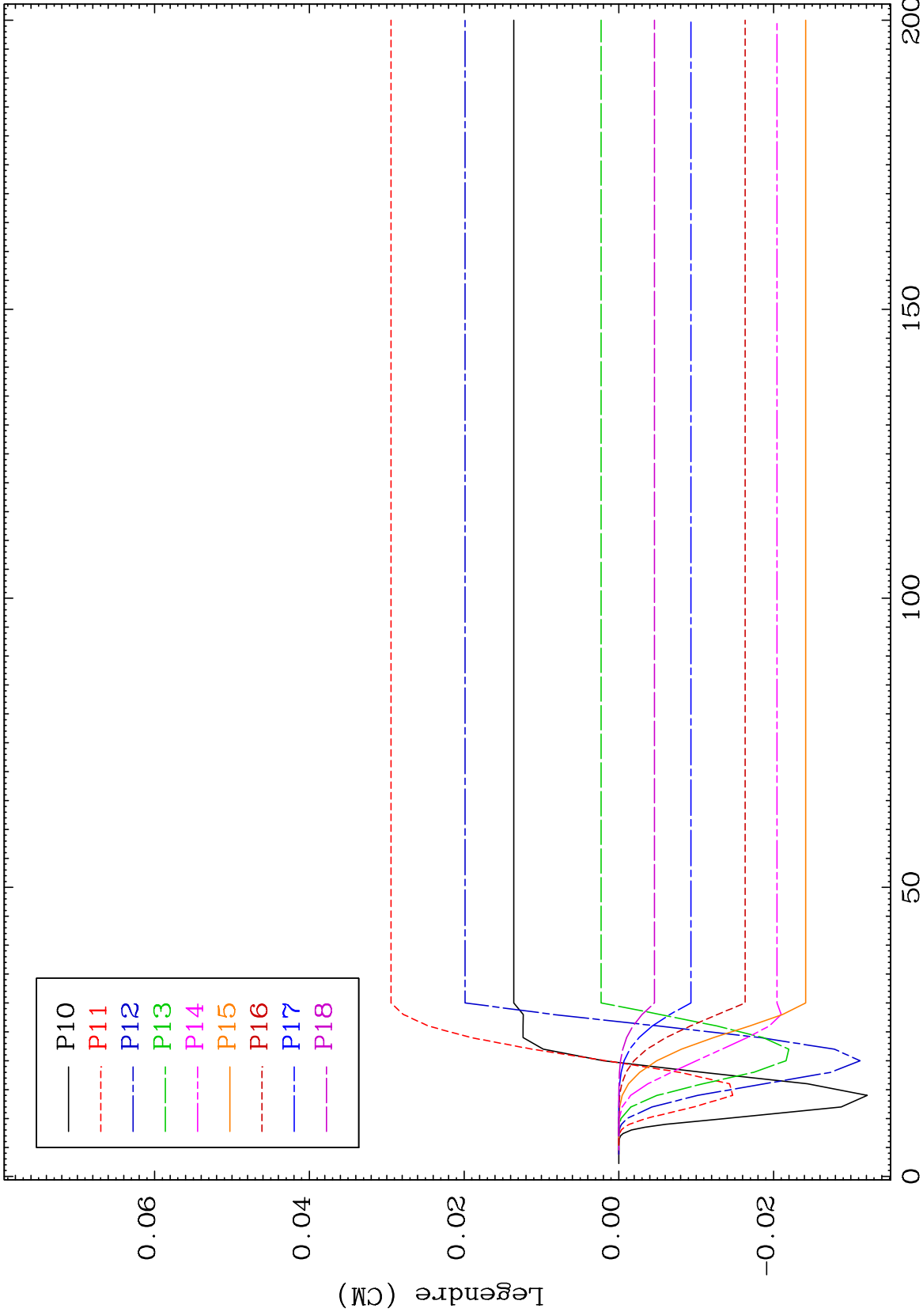
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



85

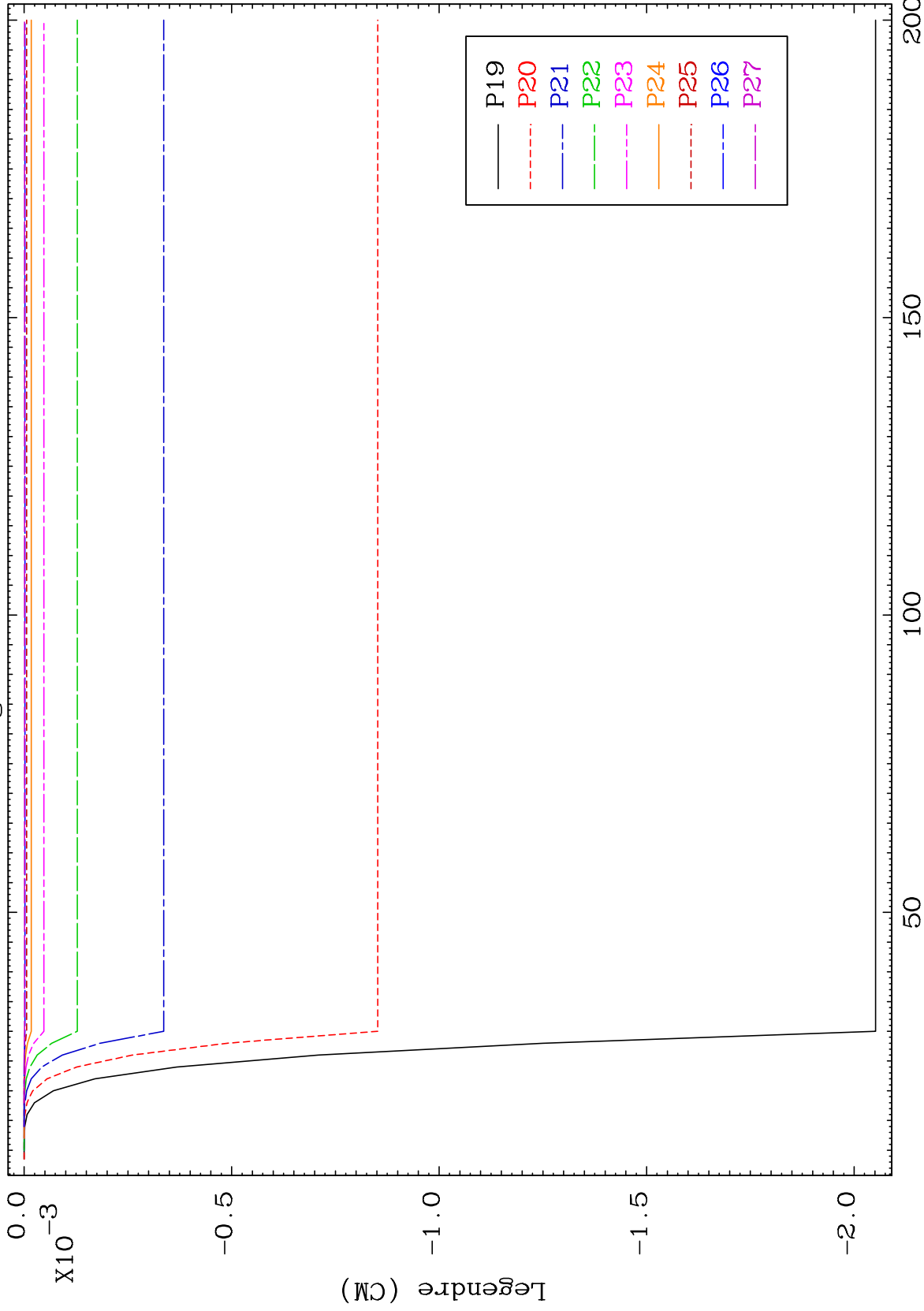
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



86

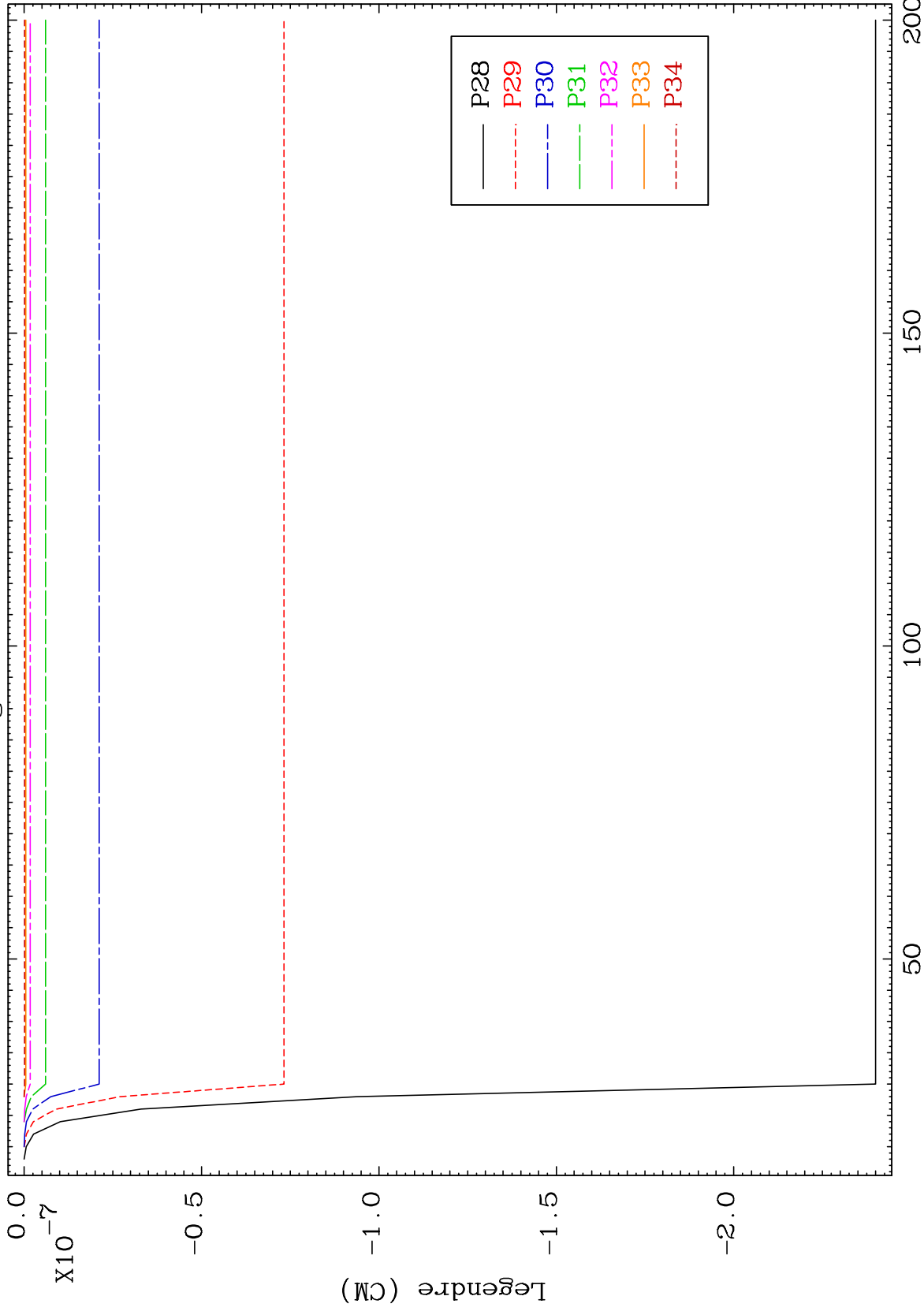
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



87

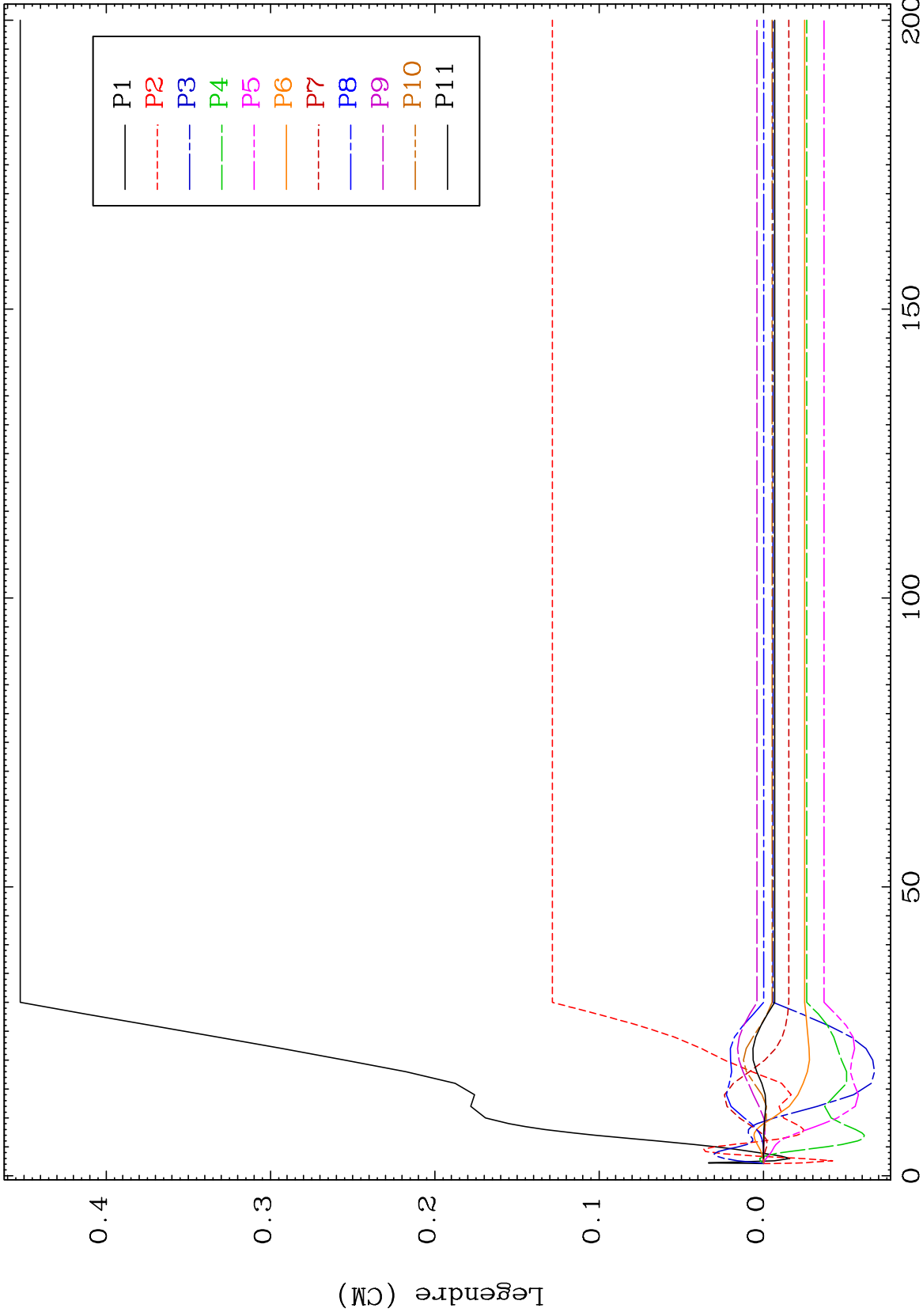
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



88

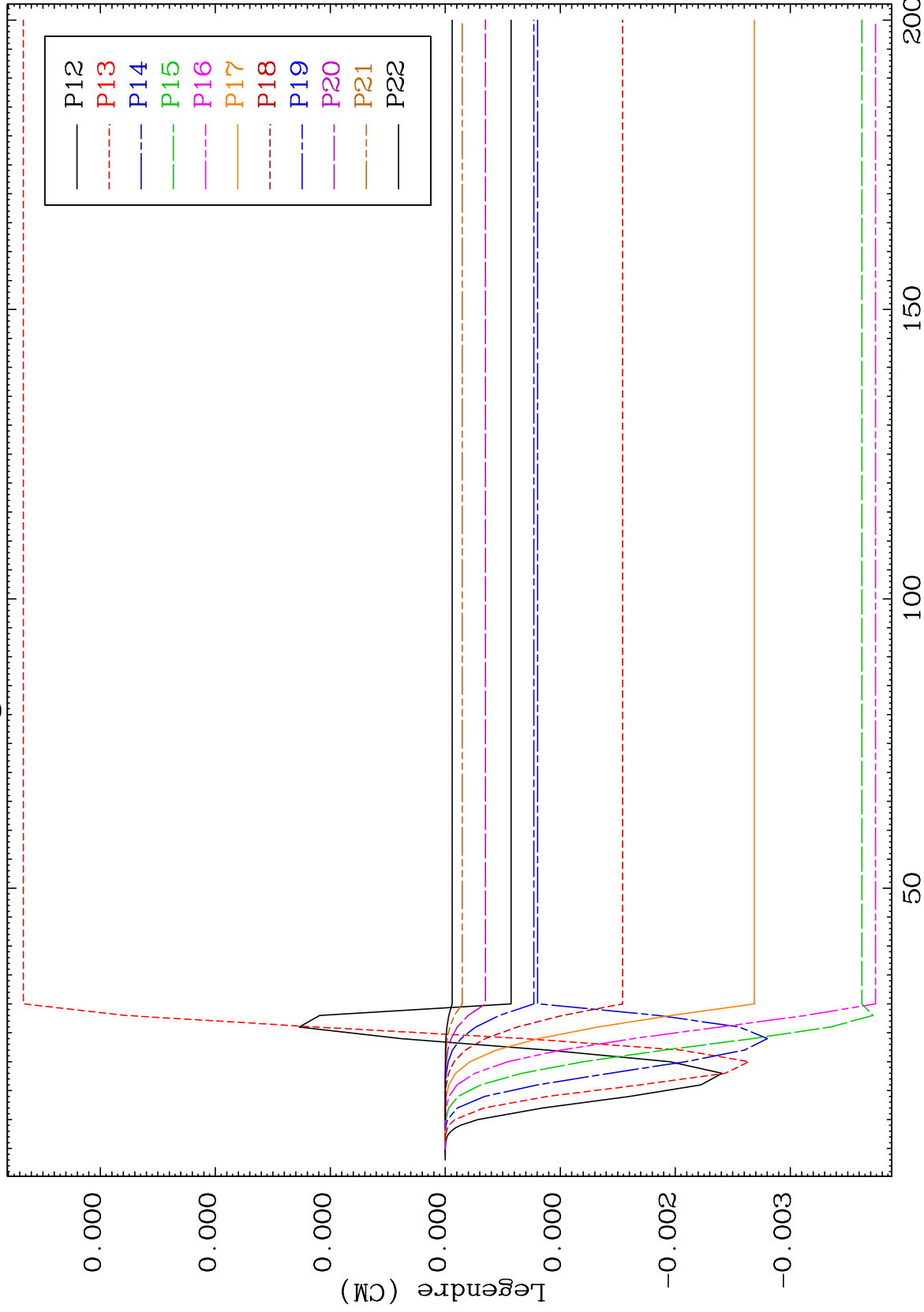
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



89

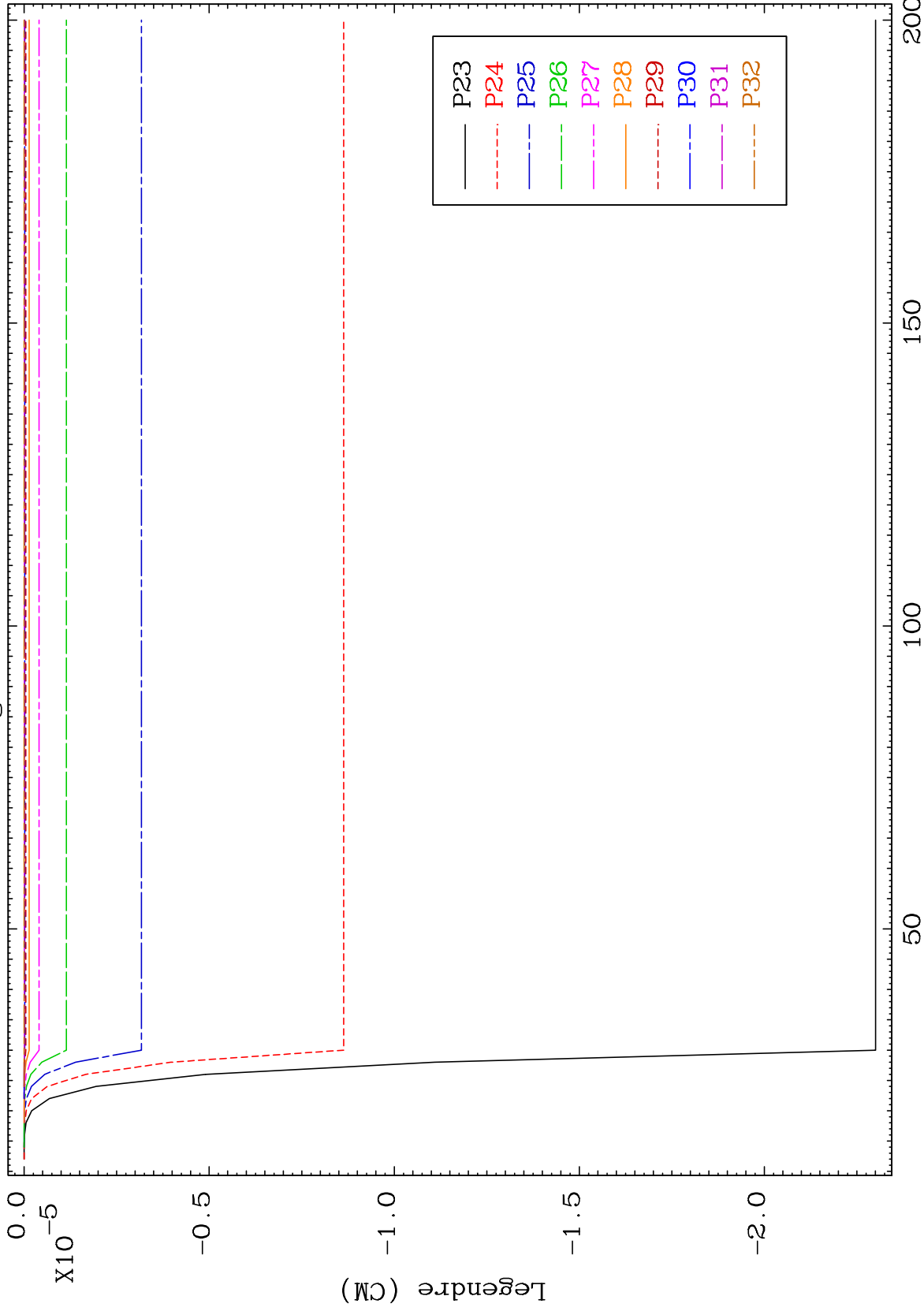
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



90

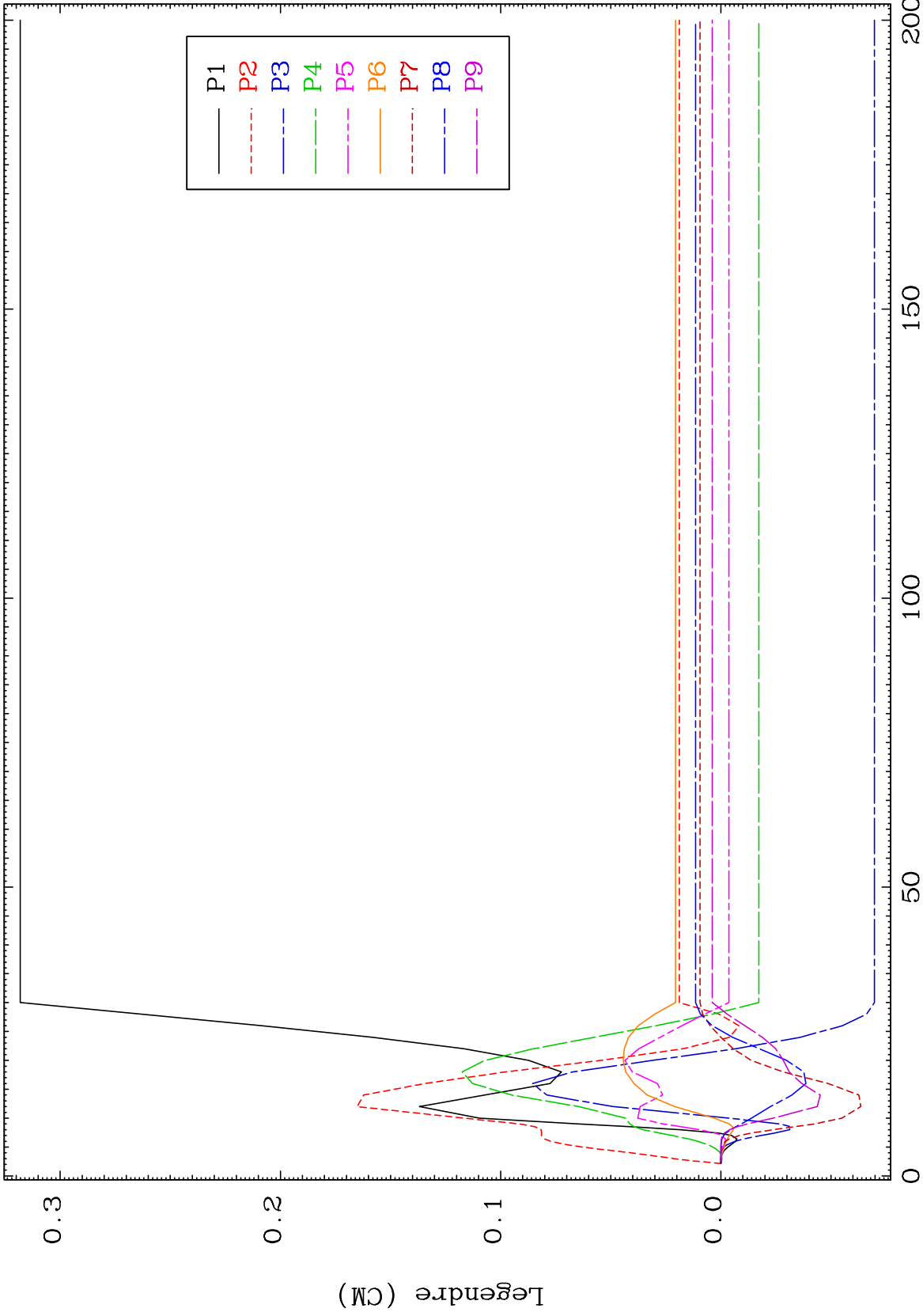
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



91

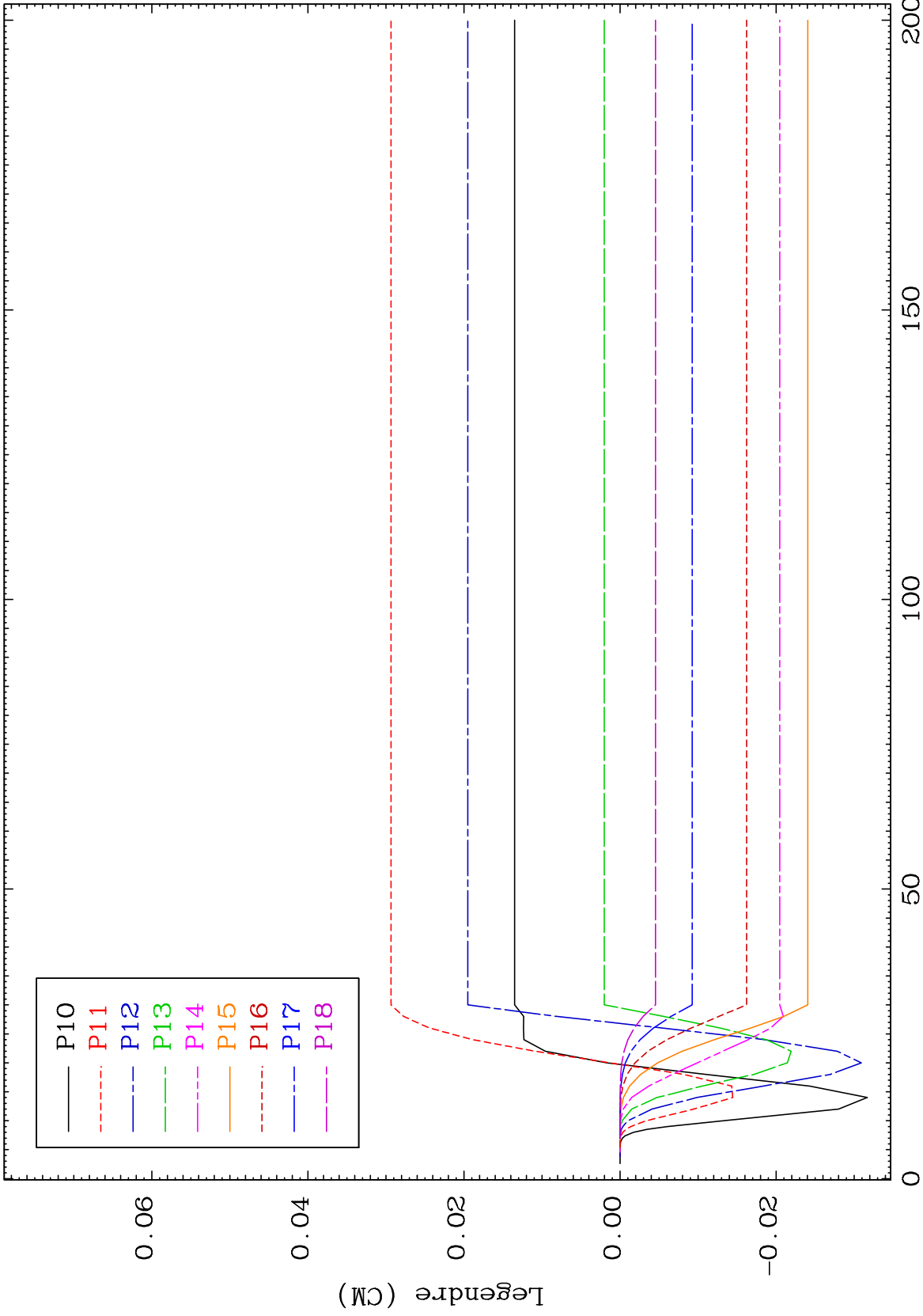
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

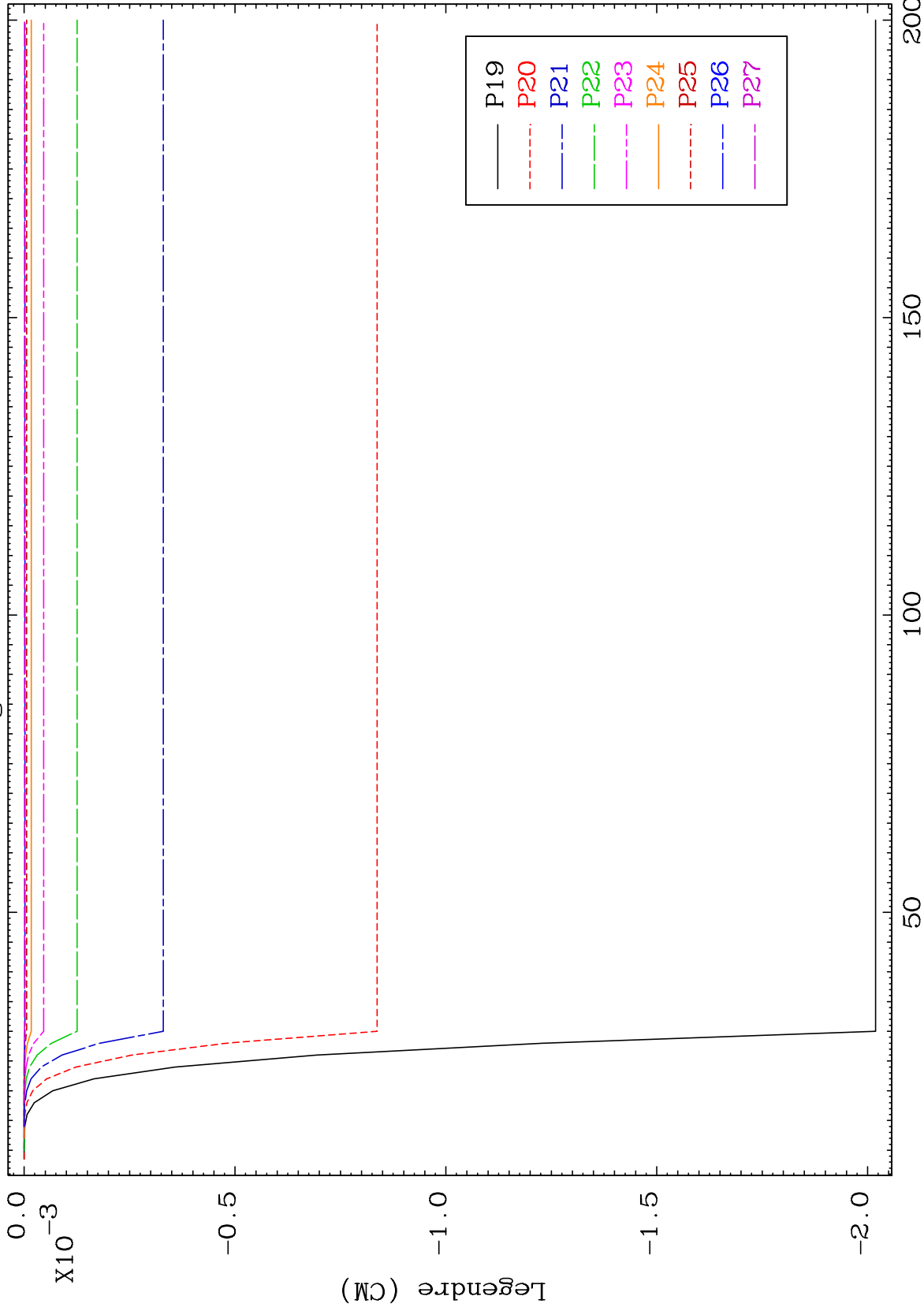
31-Ga-73



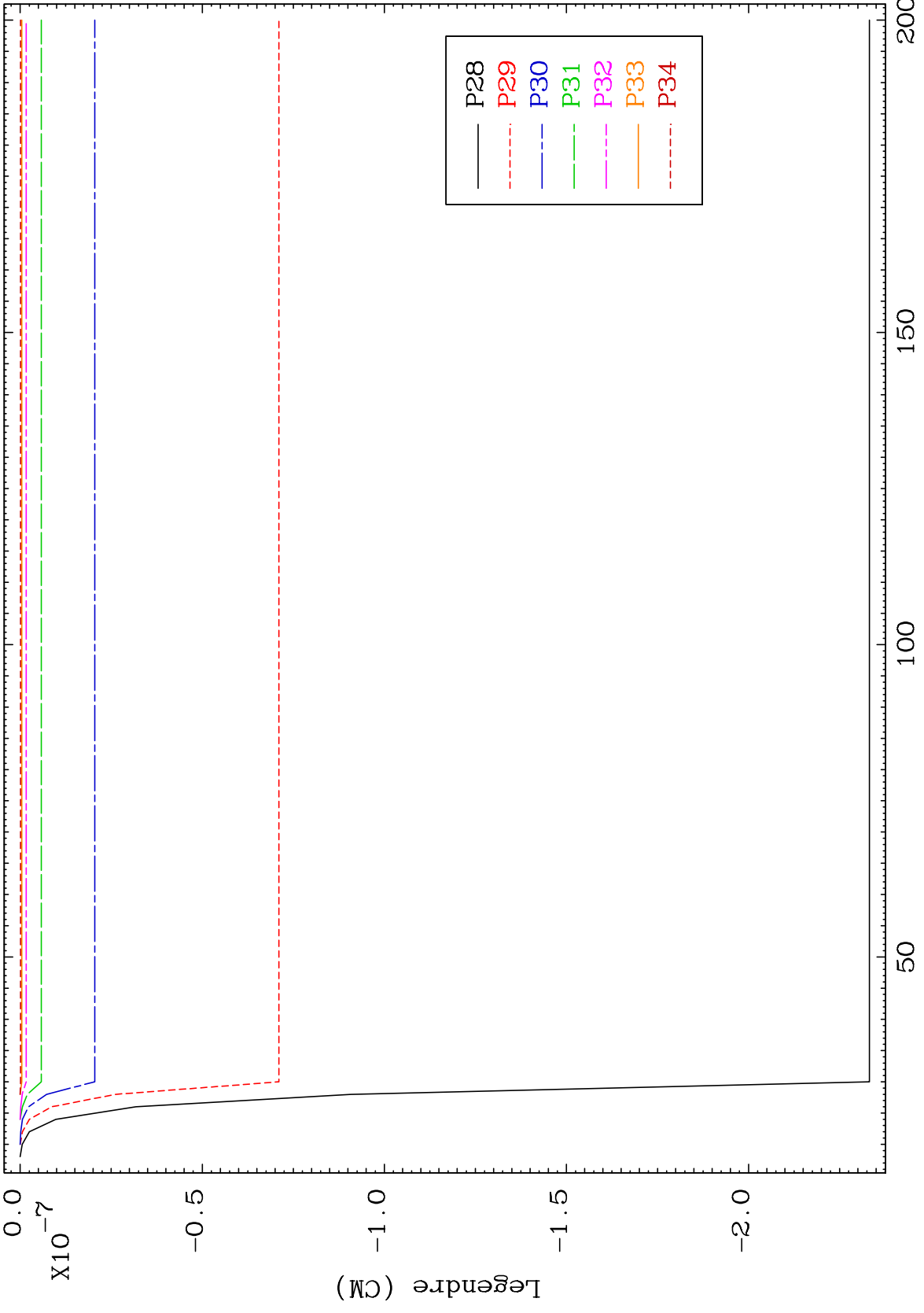
92

Incident Energy (MeV)

31-Ga-73



MAT 3137 MT= 70 (n,n') Level Legendre Coefficients 31-Ga-73

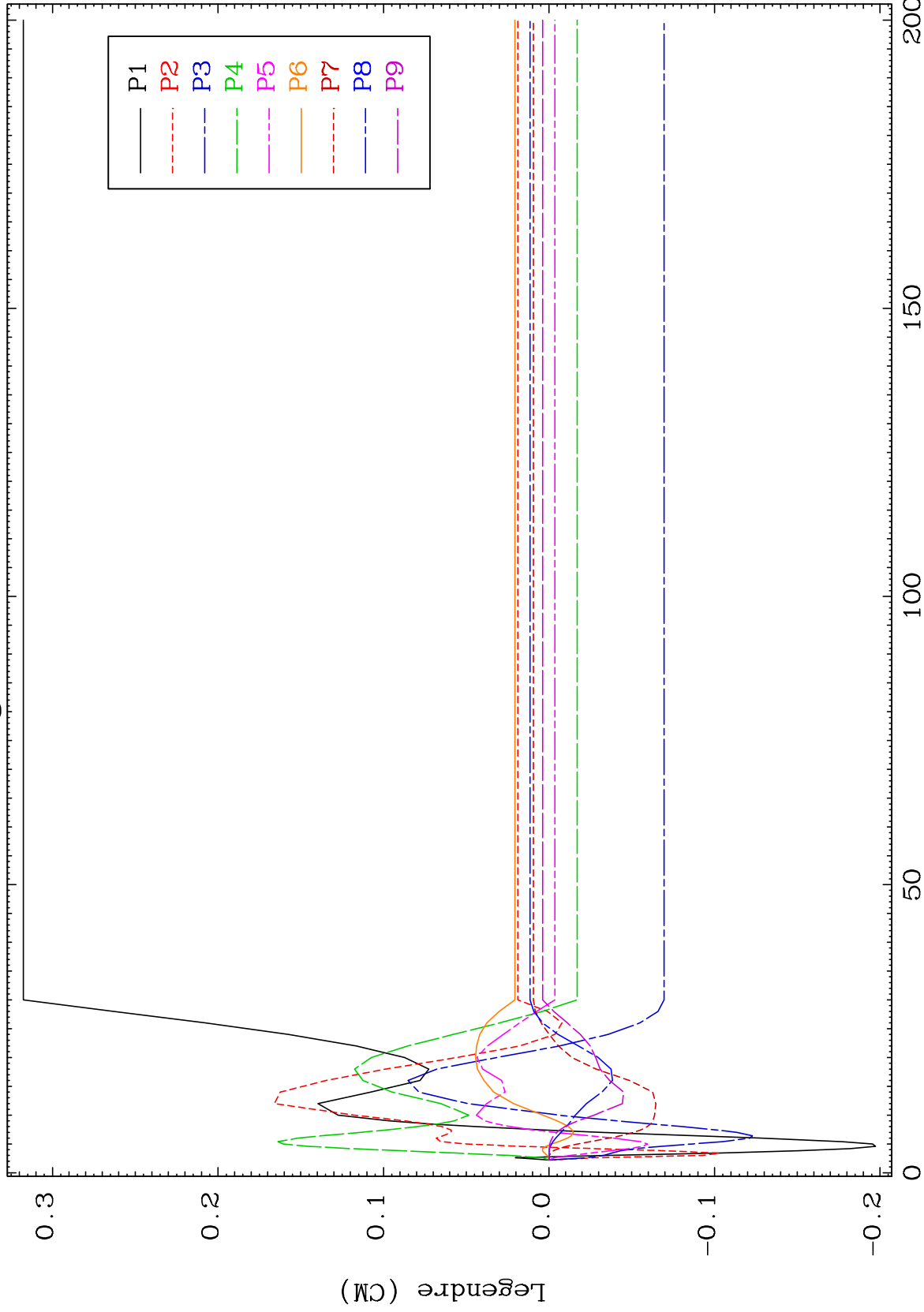


94 31-Ga-73

MAT 3137

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

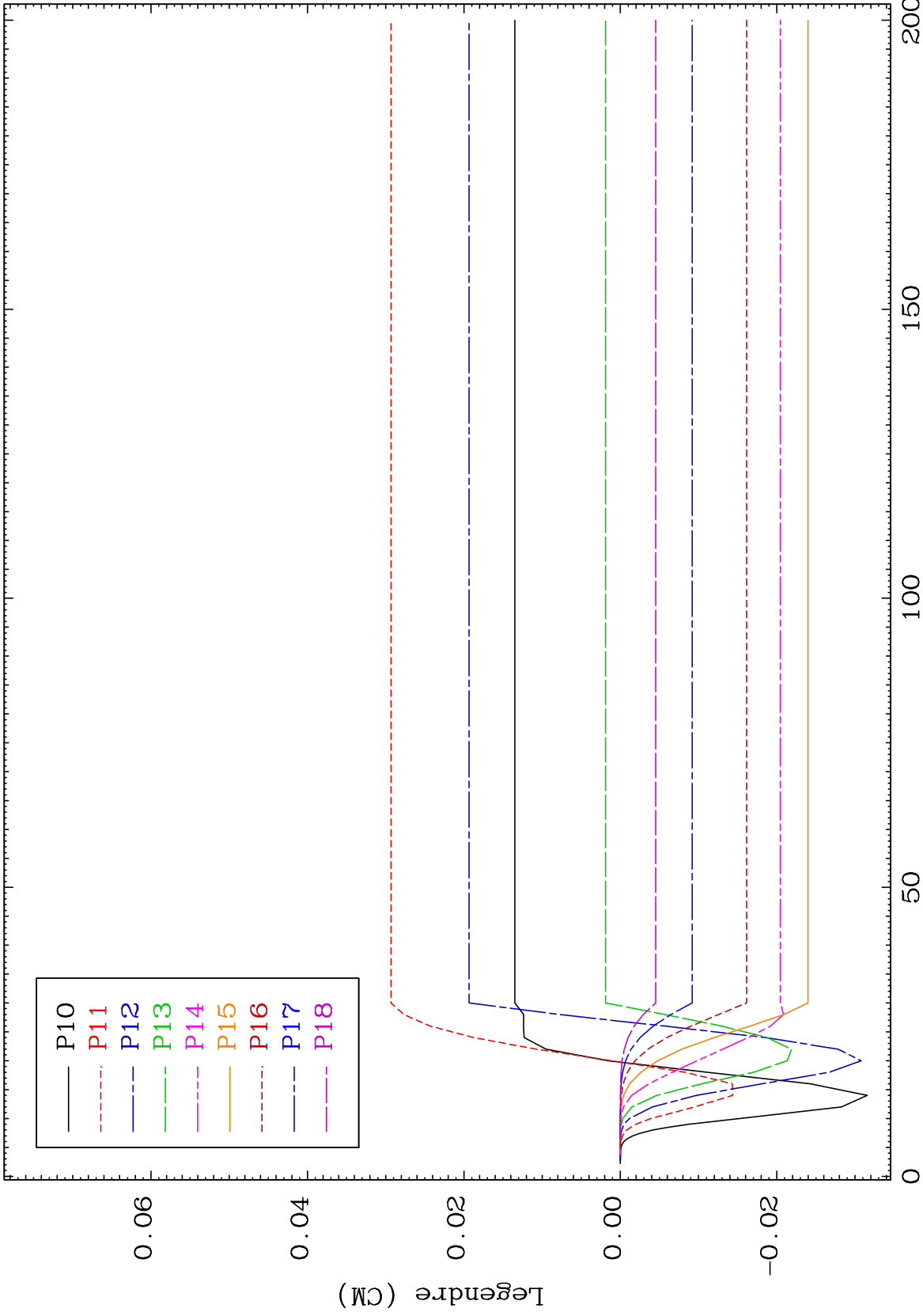
31-Ga-73

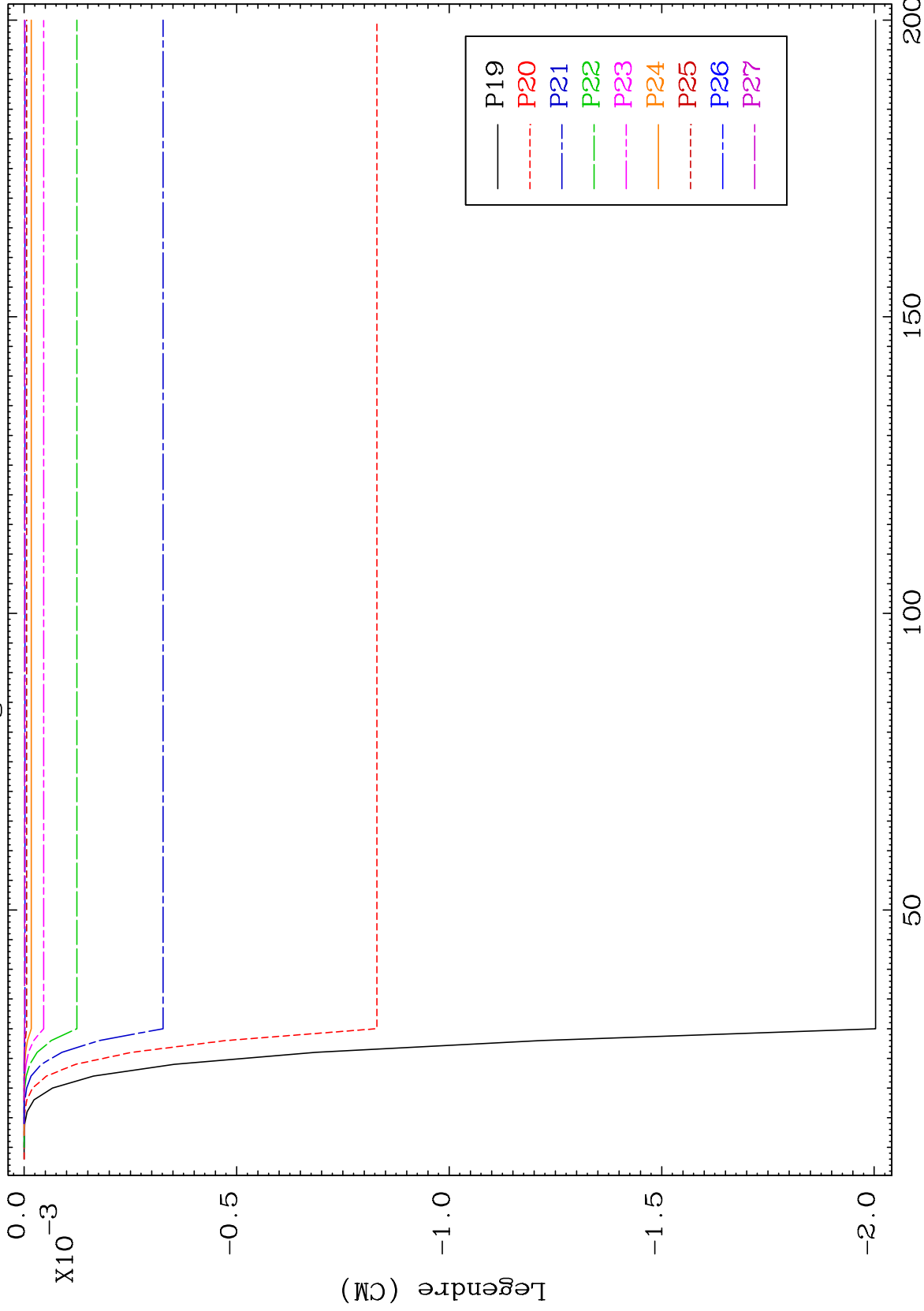


95

Incident Energy (MeV)

31-Ga-73

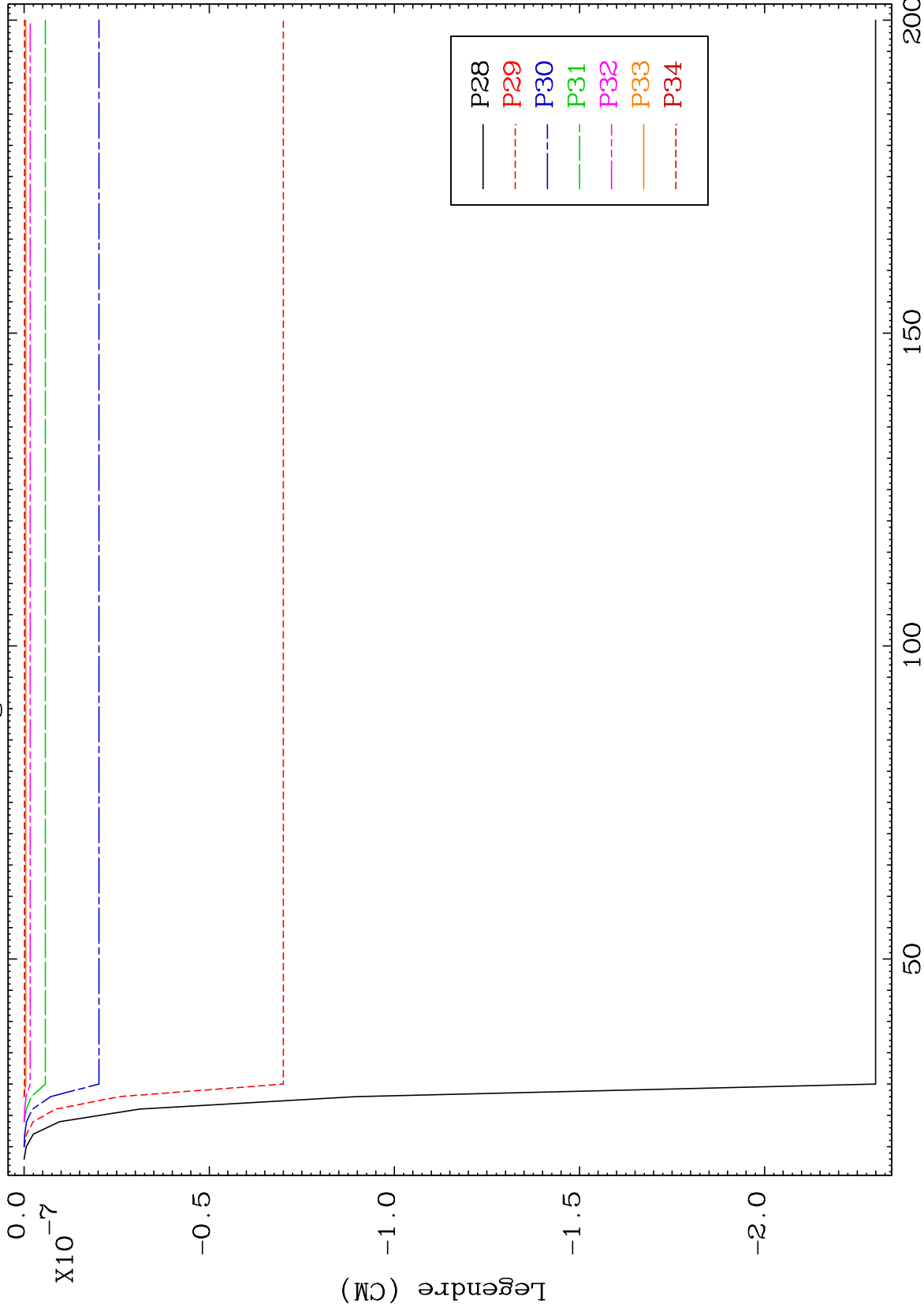




MAT 3137

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

31-Ga-73



98

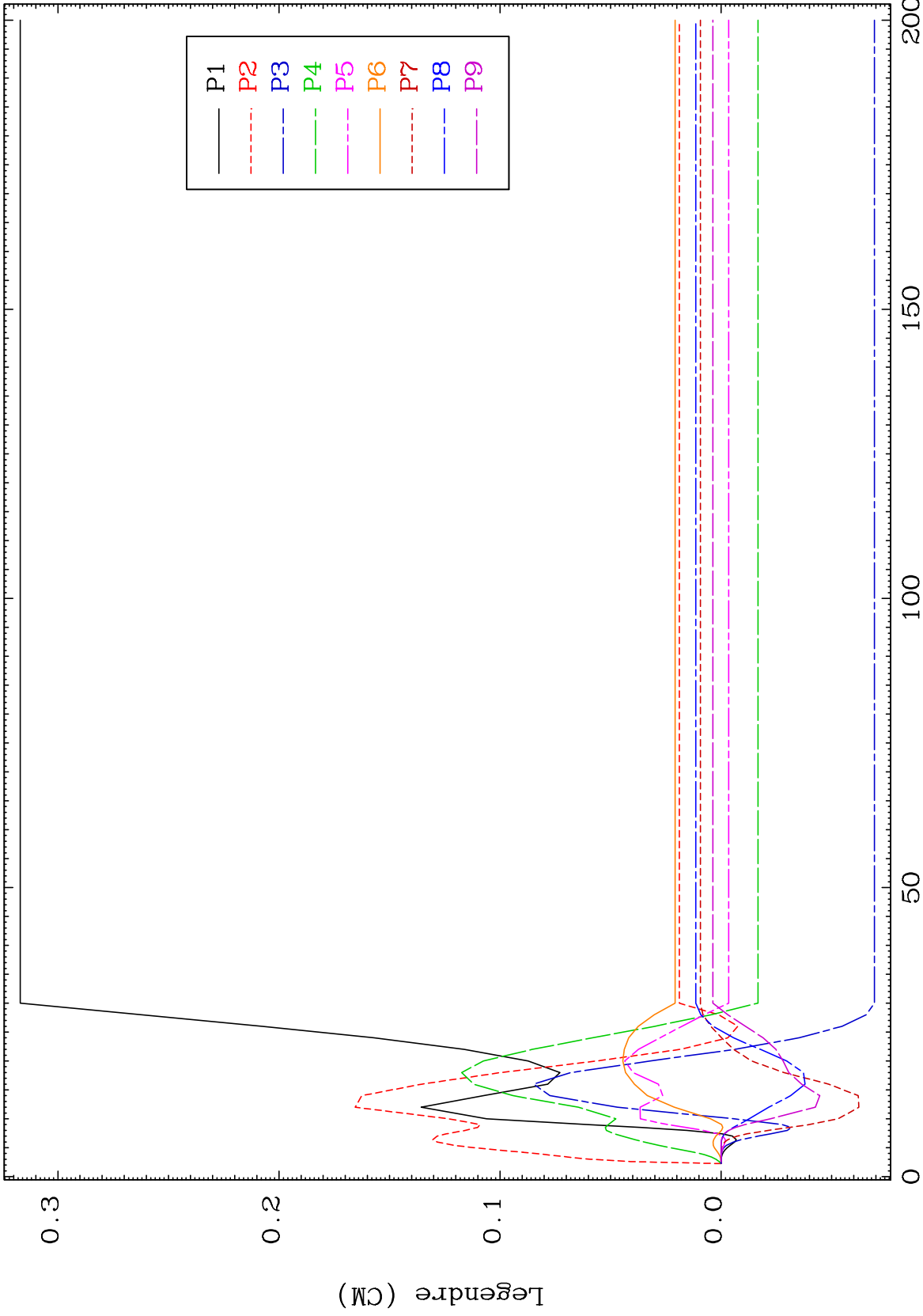
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



99

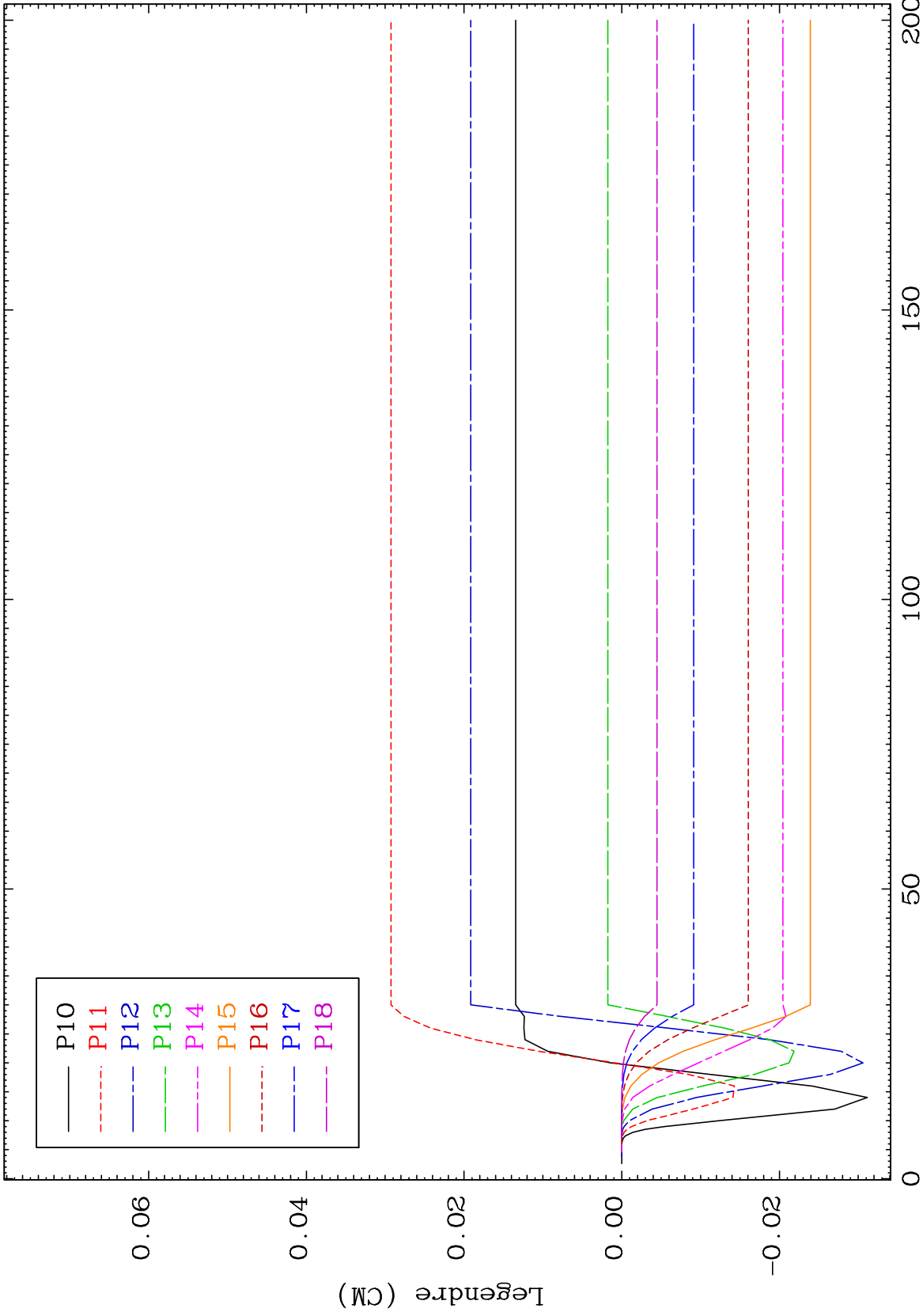
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



31-Ga-73

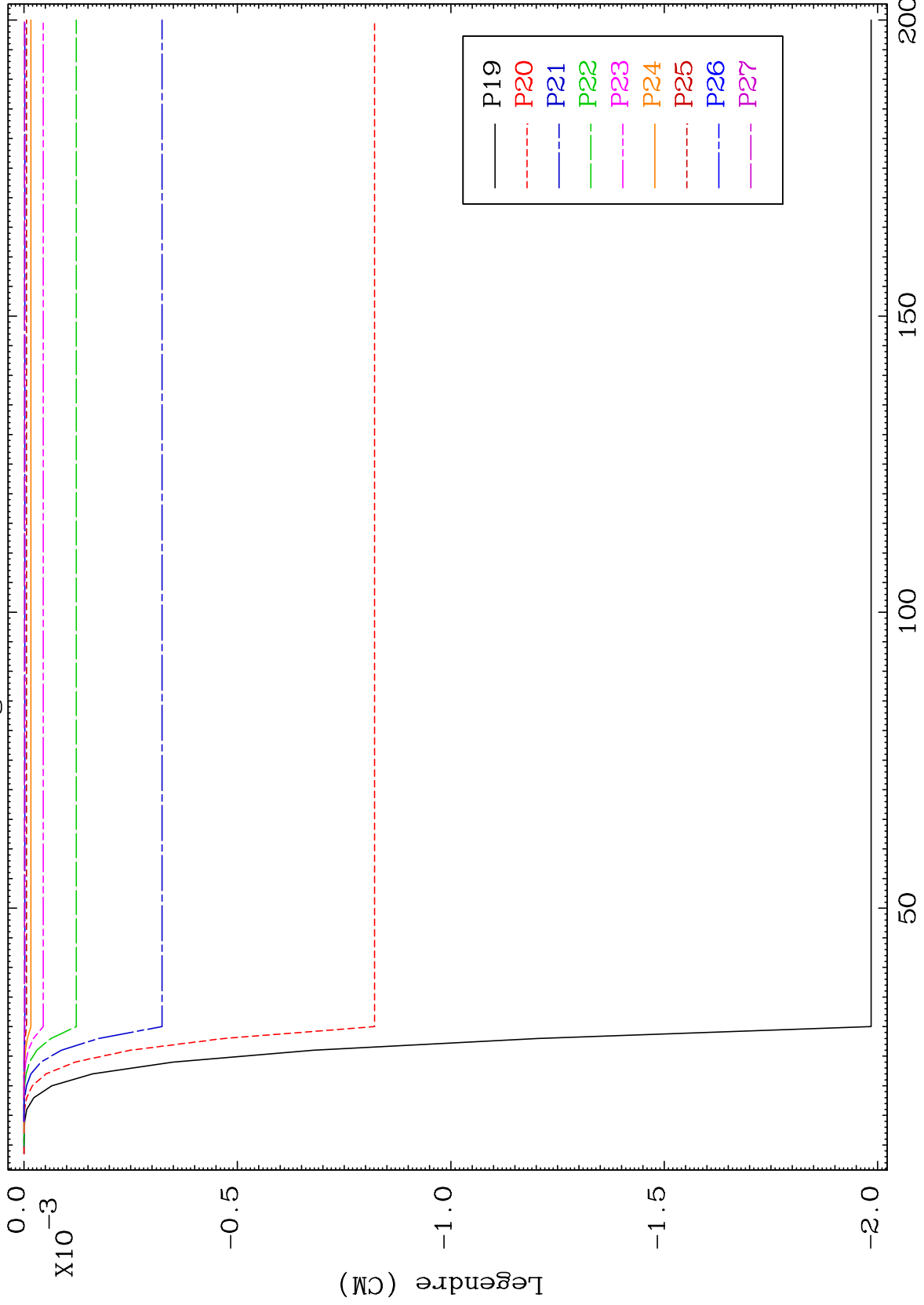
Incident Energy (MeV)

100

MAT 3137

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

31-Ga-73



31-Ga-73

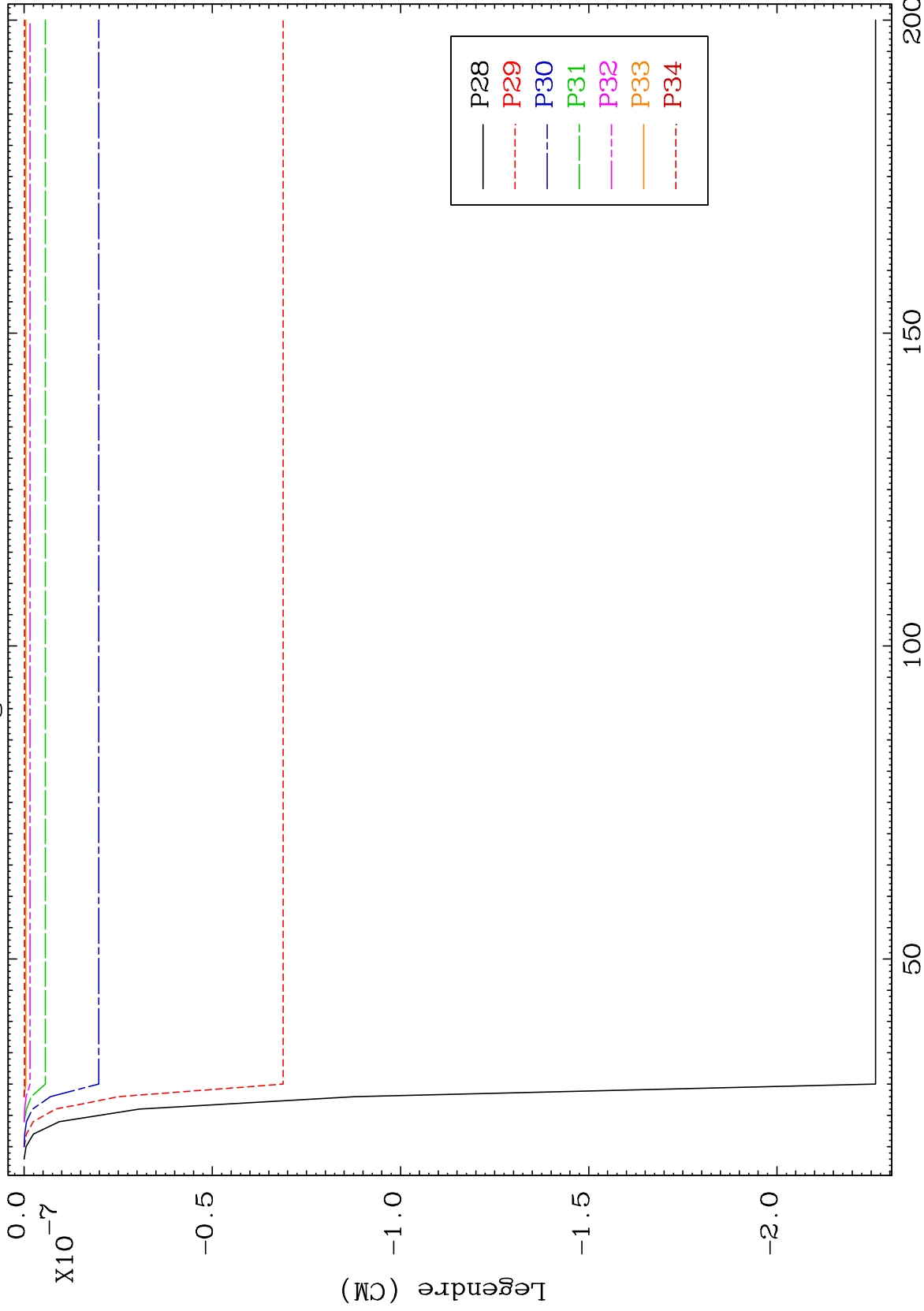
Incident Energy (MeV)

101

MAT 3137

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

31-Ga-73



102

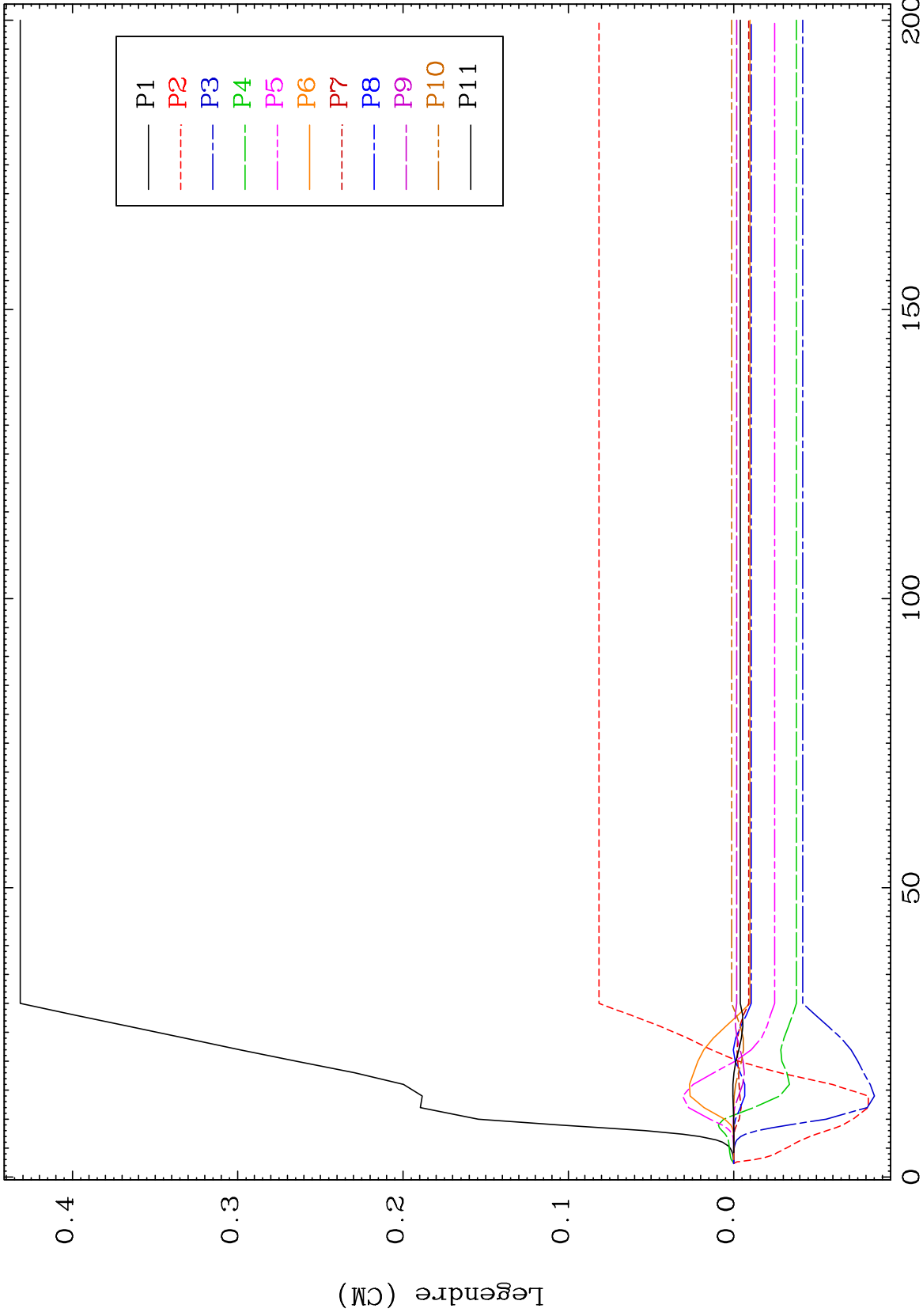
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



103

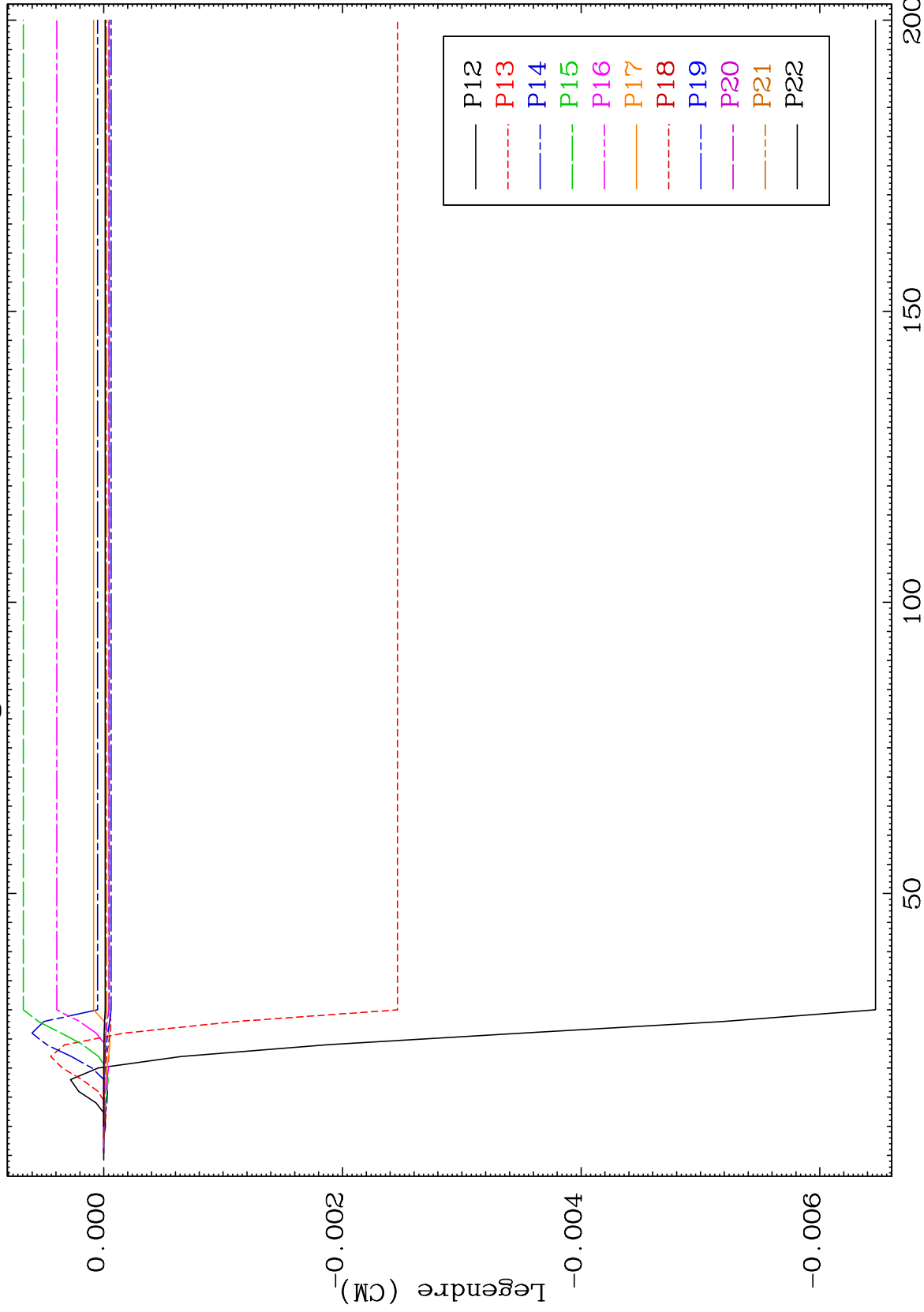
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



104

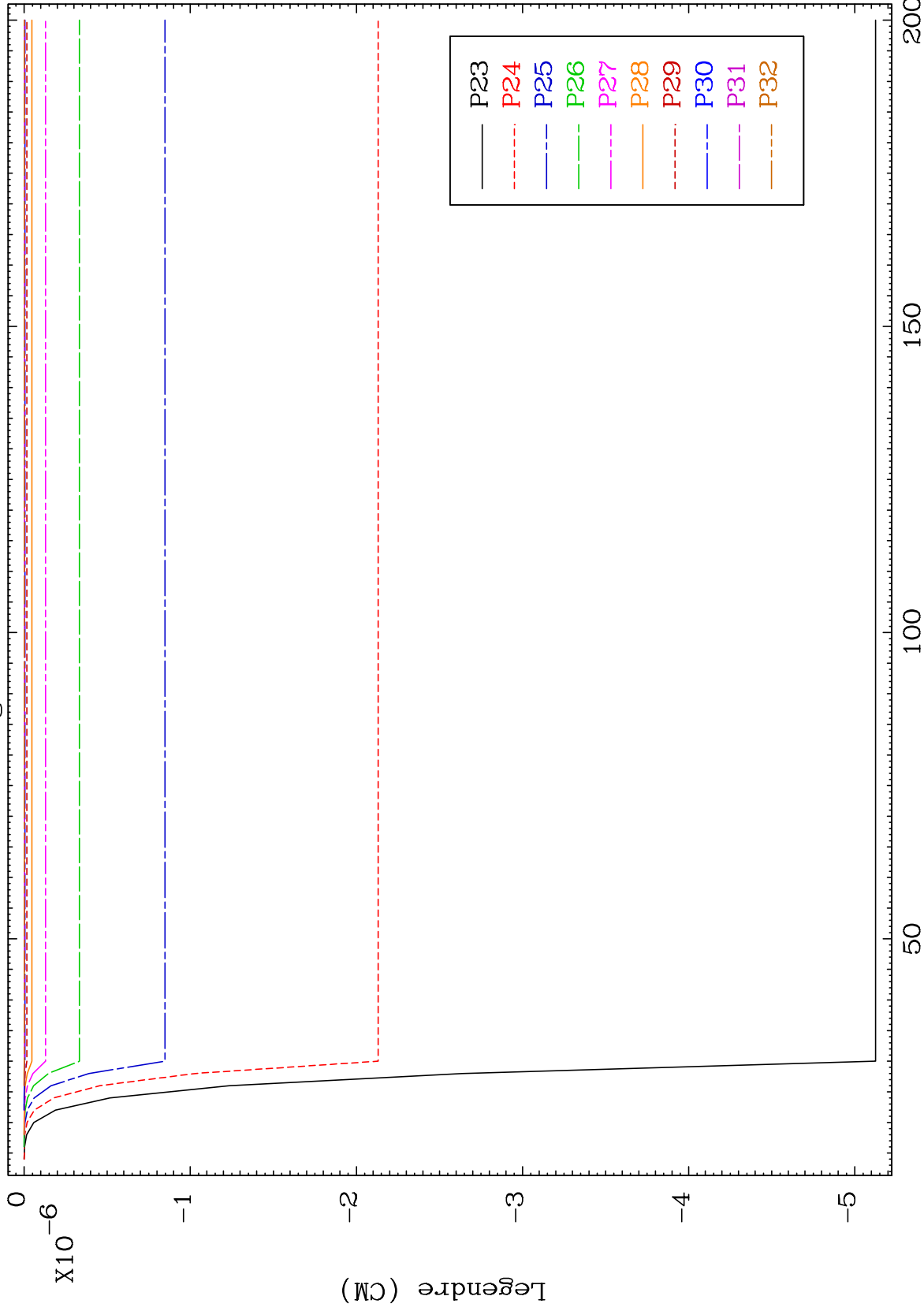
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



105

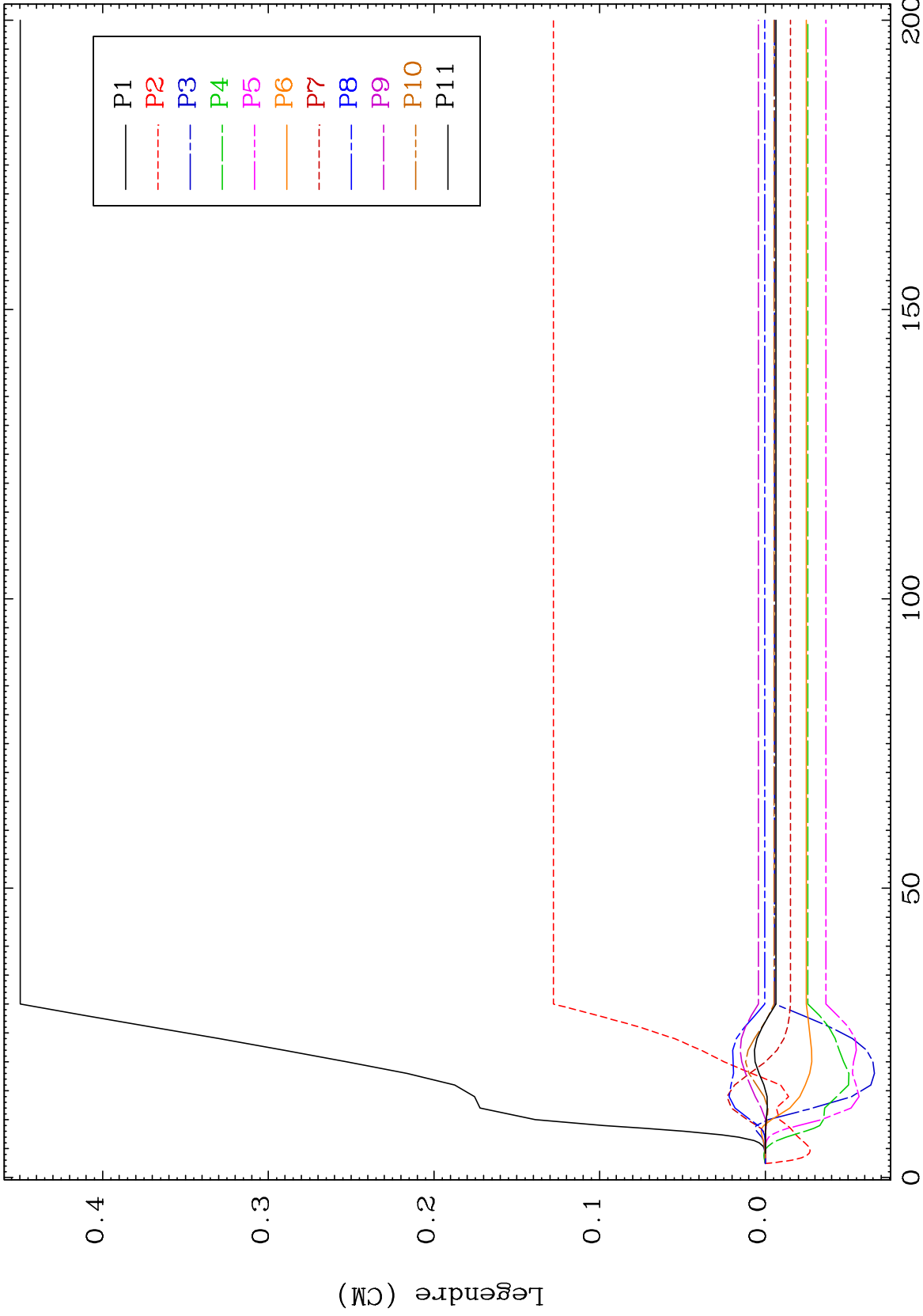
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



106

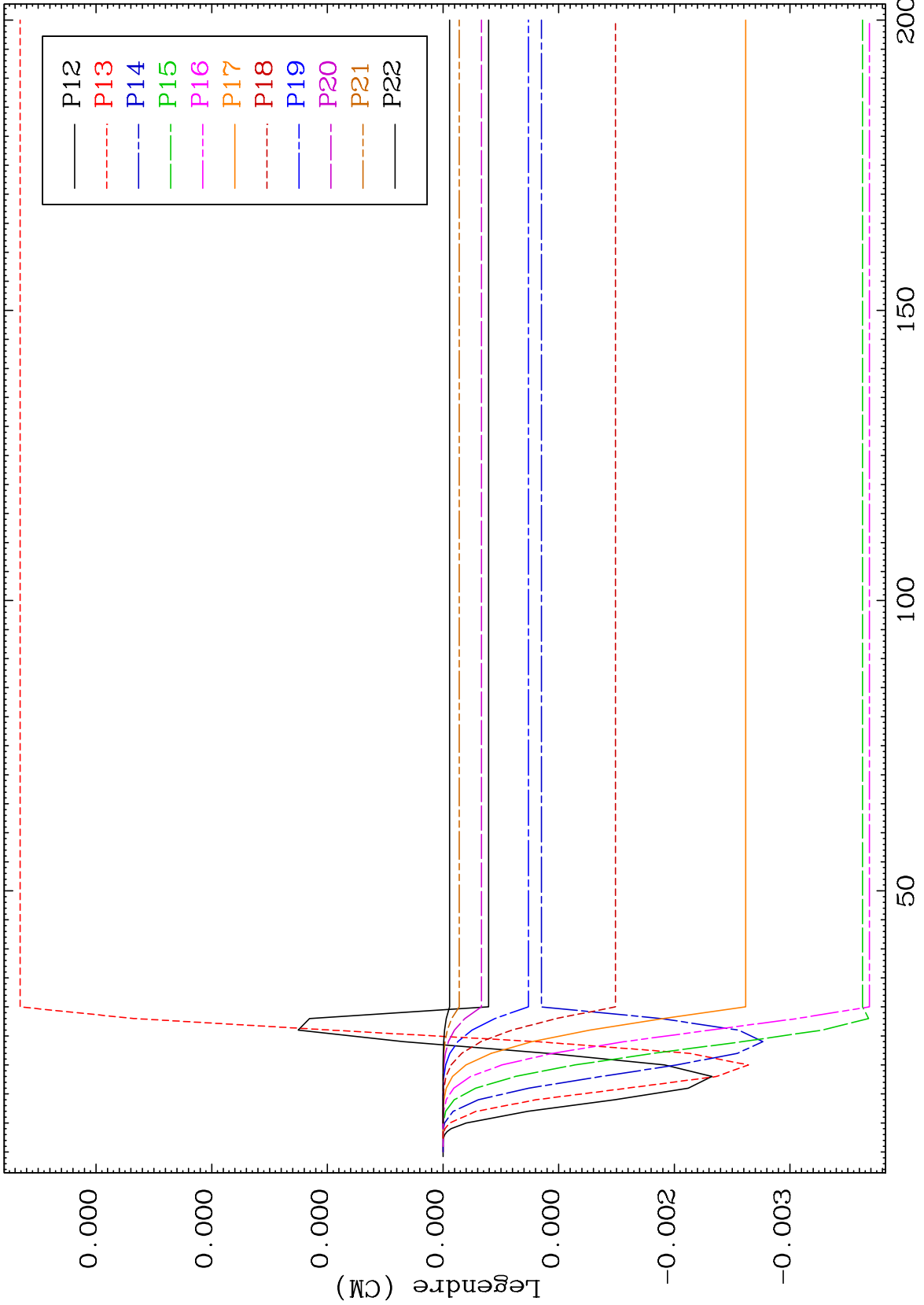
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



31-Ga-73

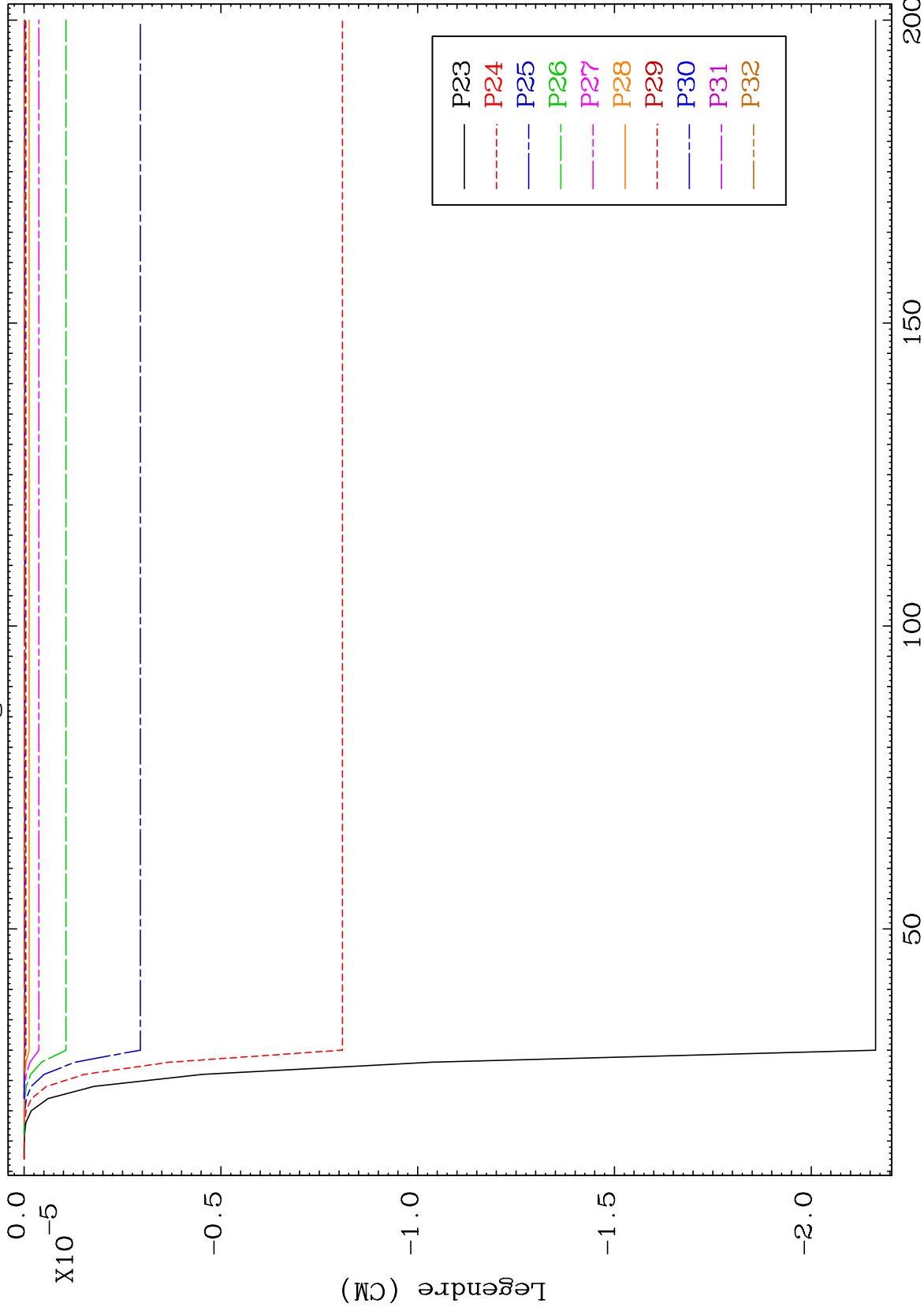
Incident Energy (MeV)

107

MAT 3137

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

31-Ga-73



108

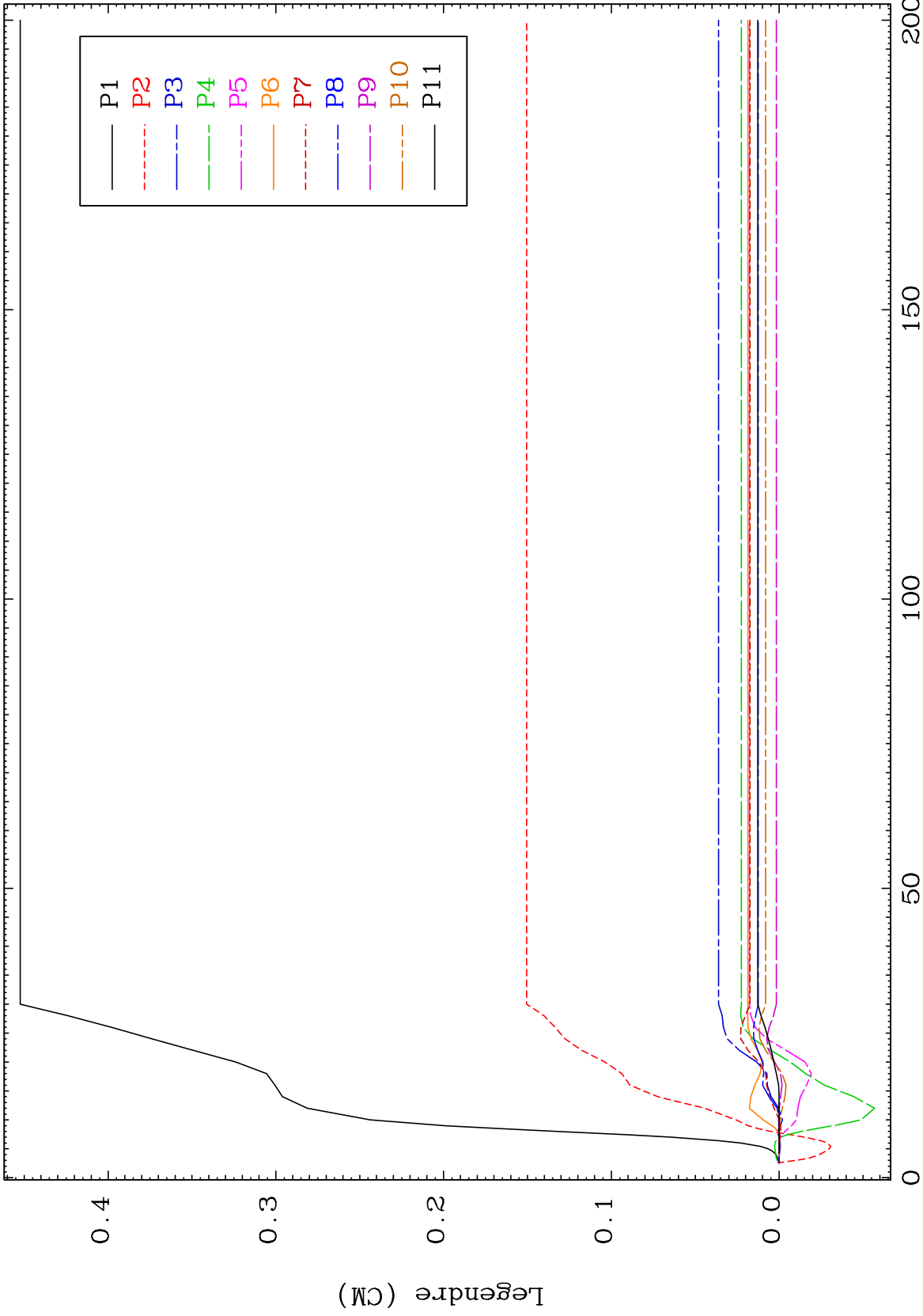
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



109

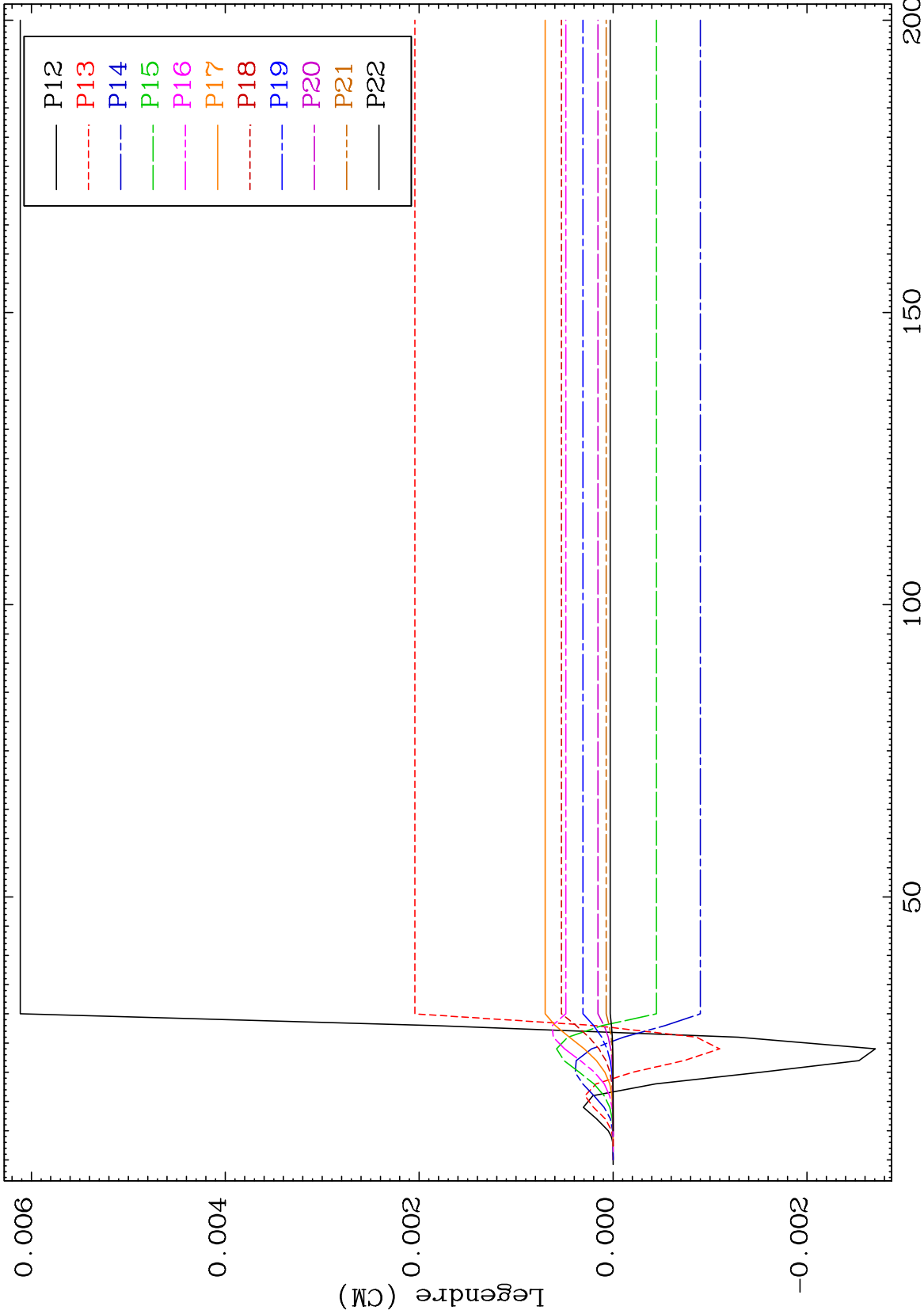
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



110

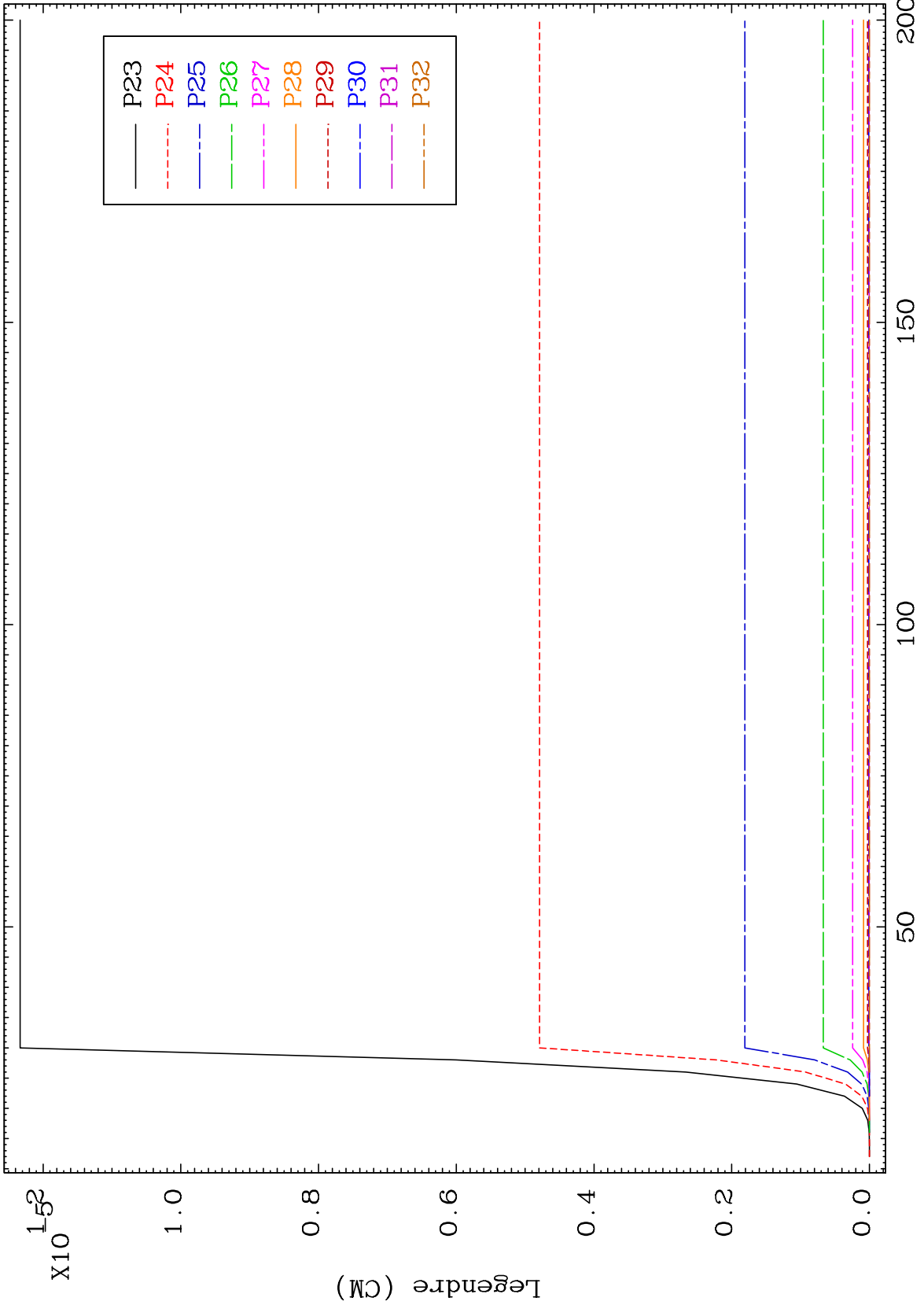
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



111

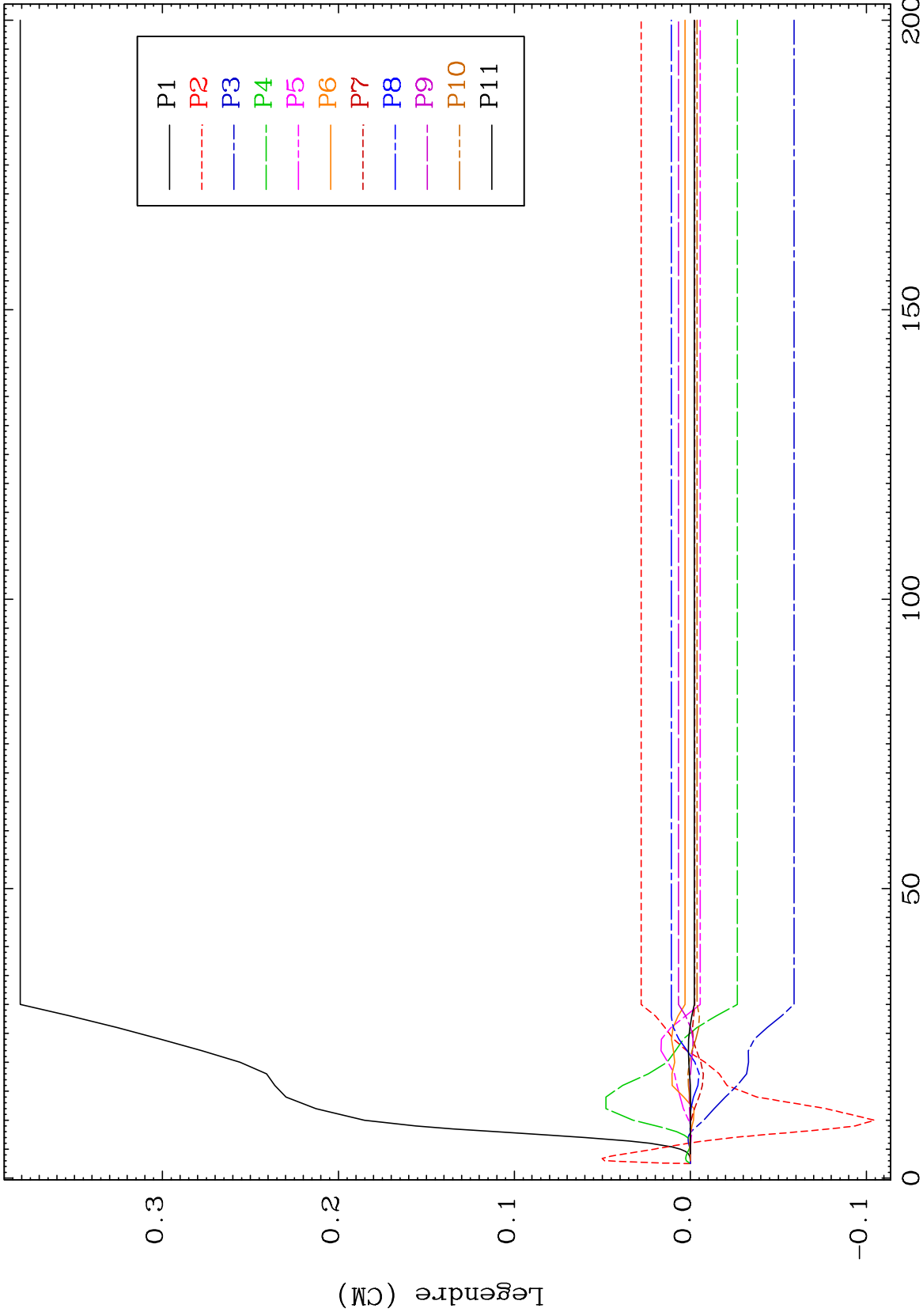
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



112

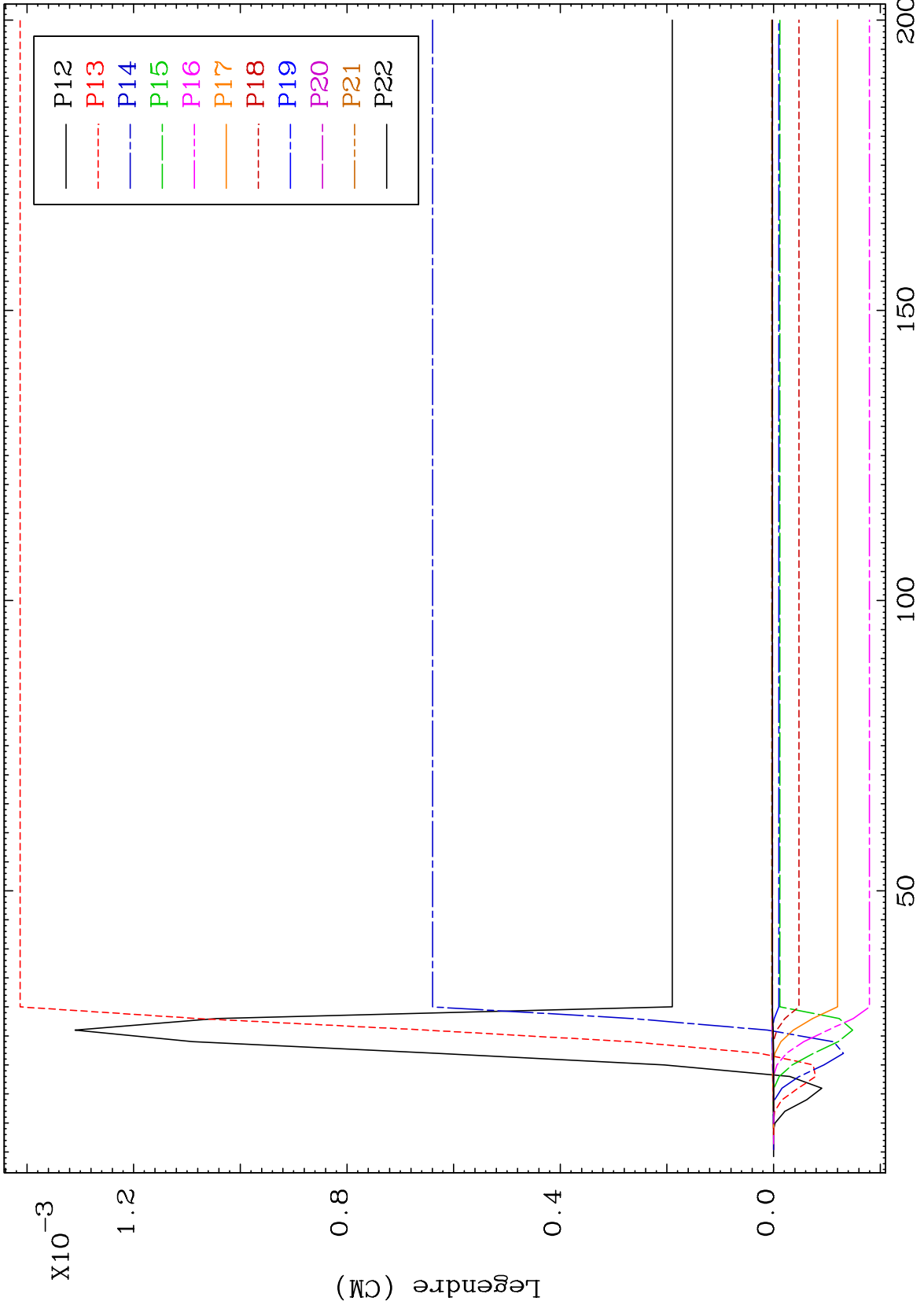
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



113

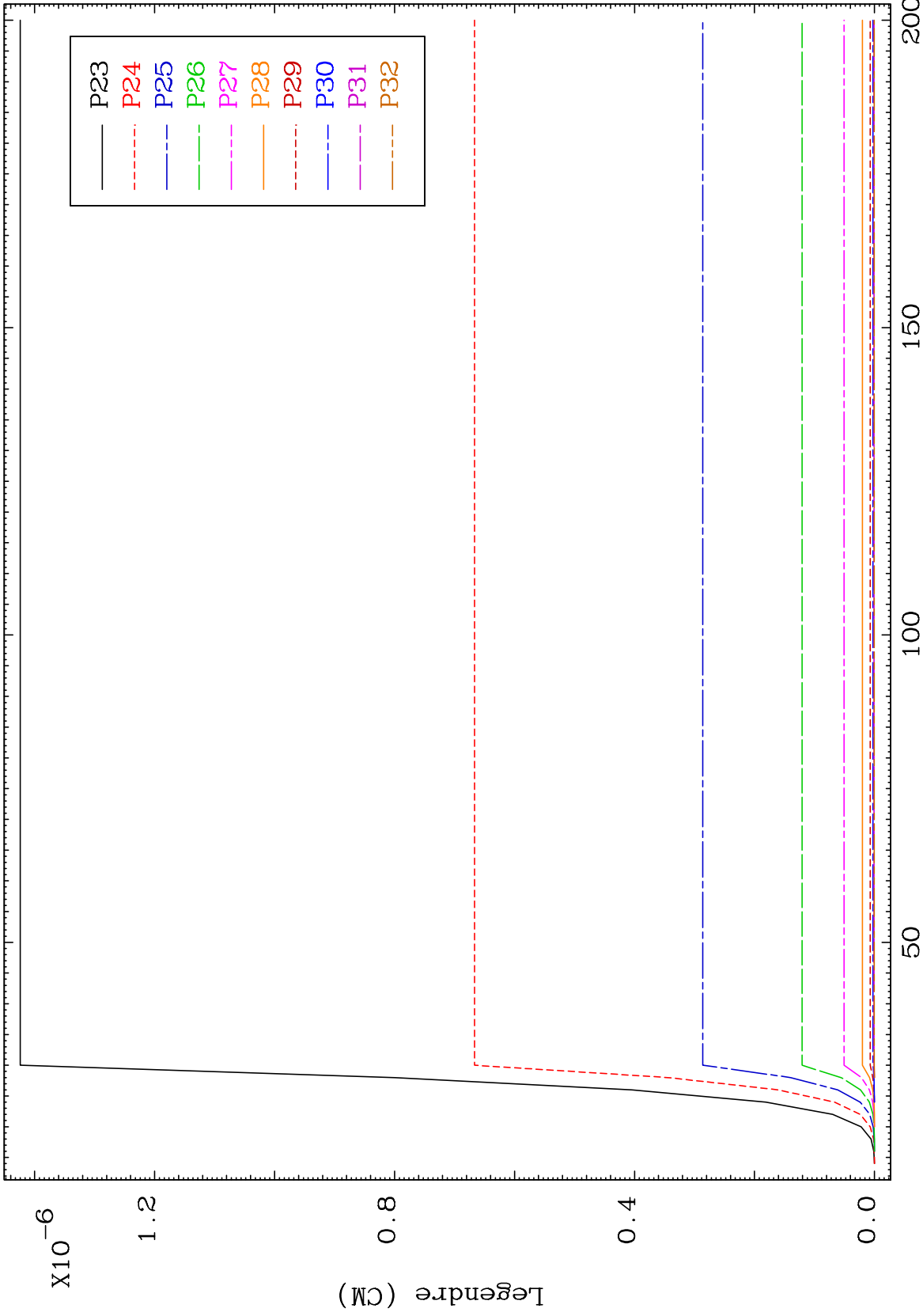
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



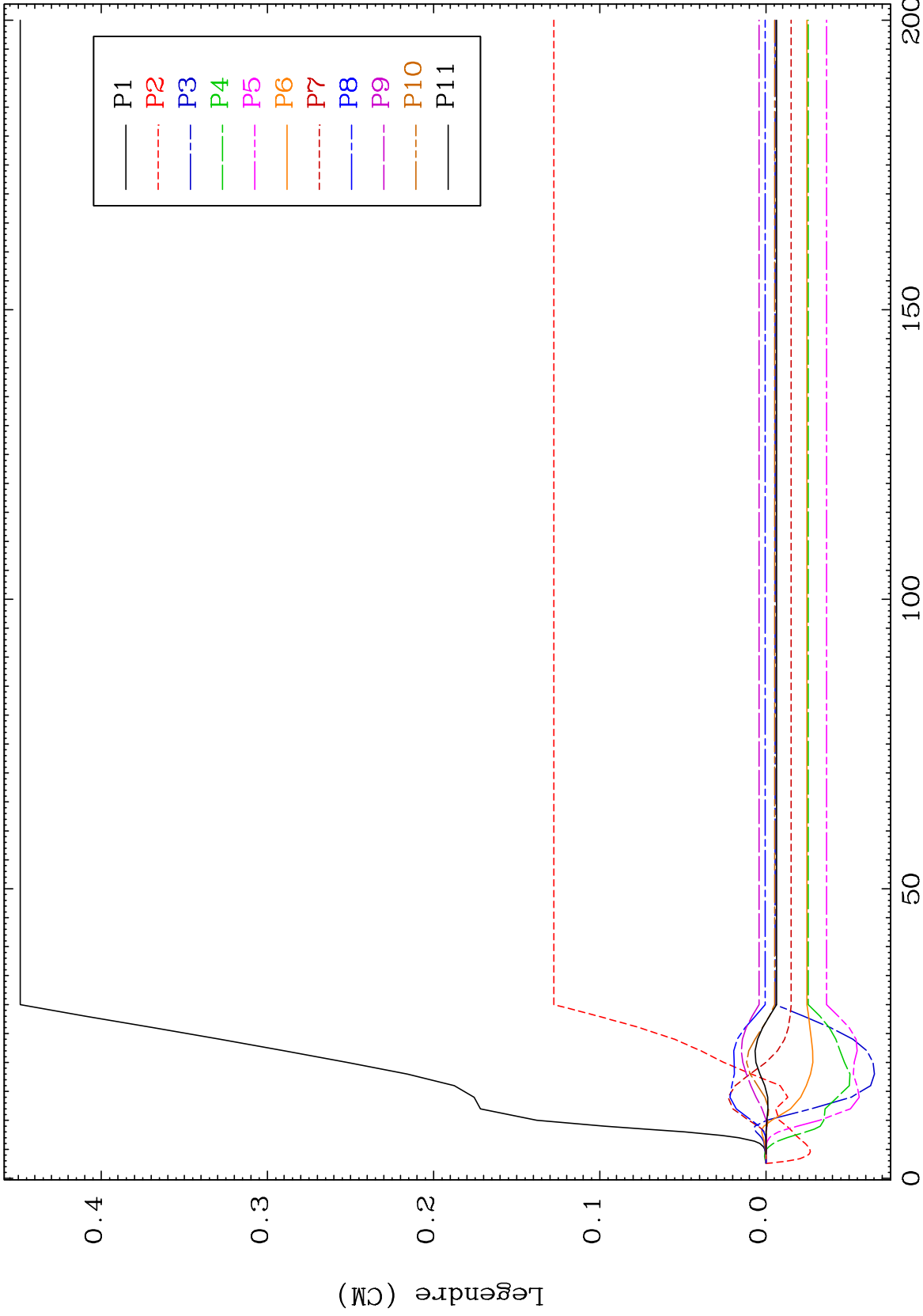
114

31-Ga-73

MAT 3137

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

31-Ga-73



115

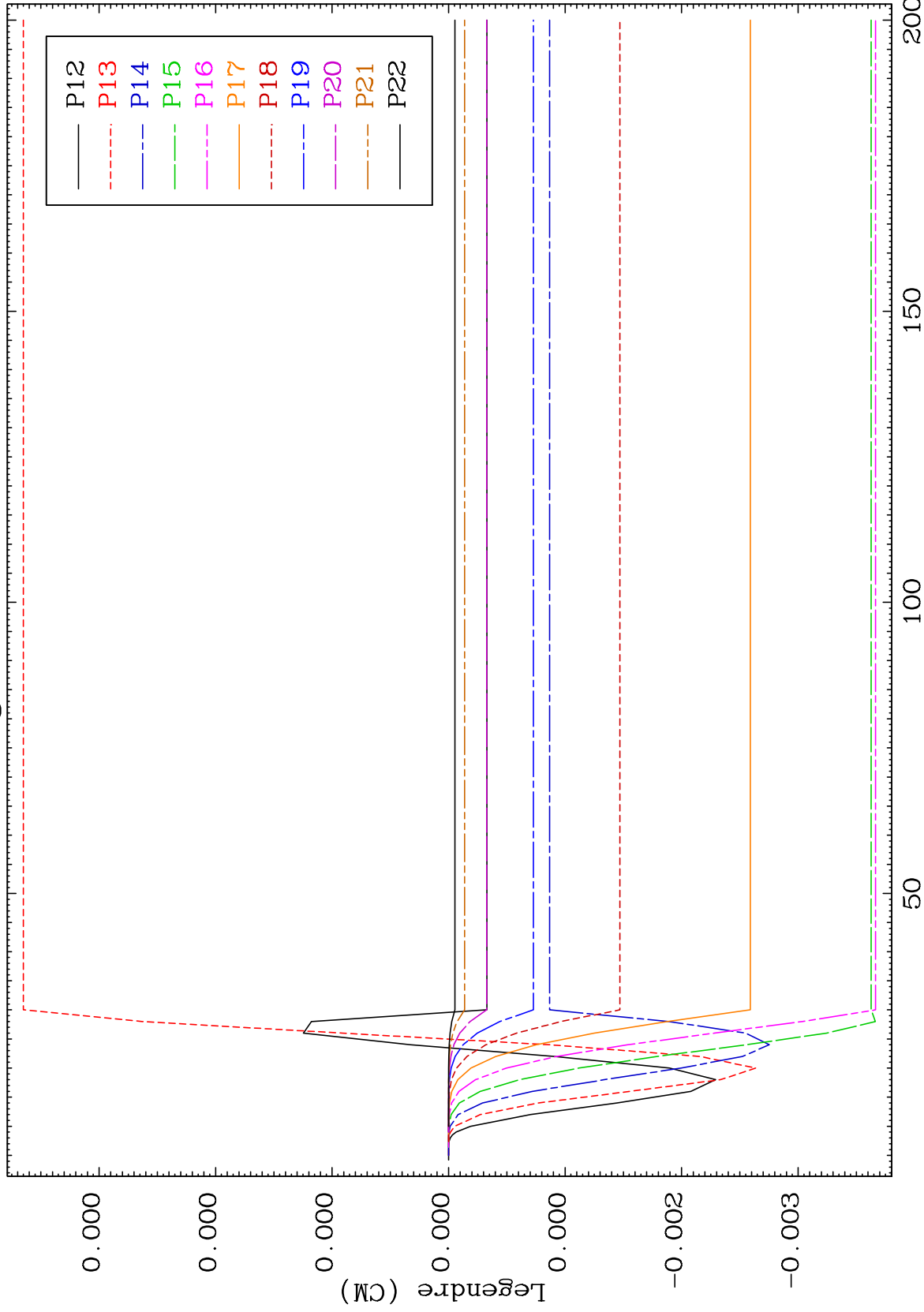
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



116

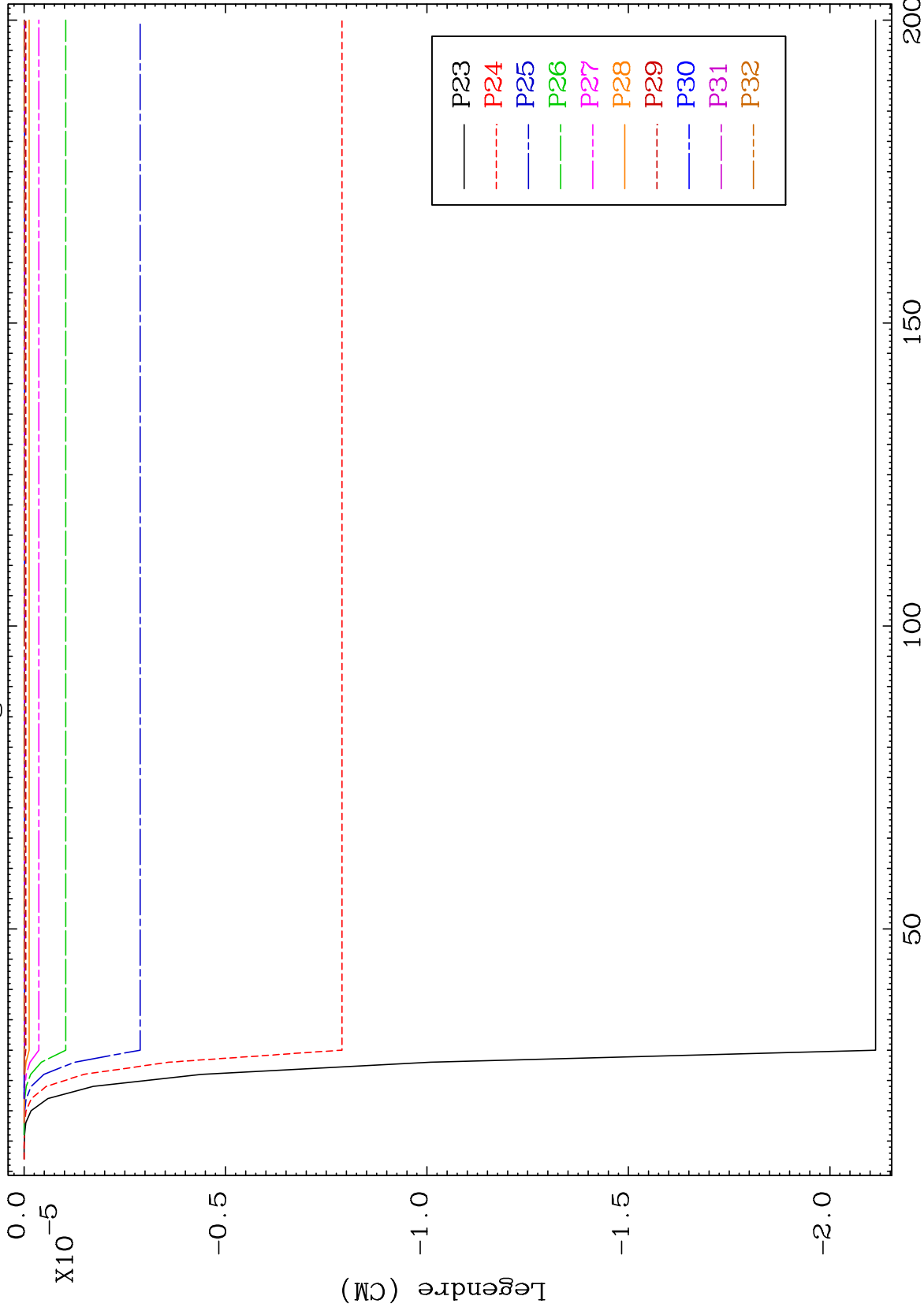
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



117

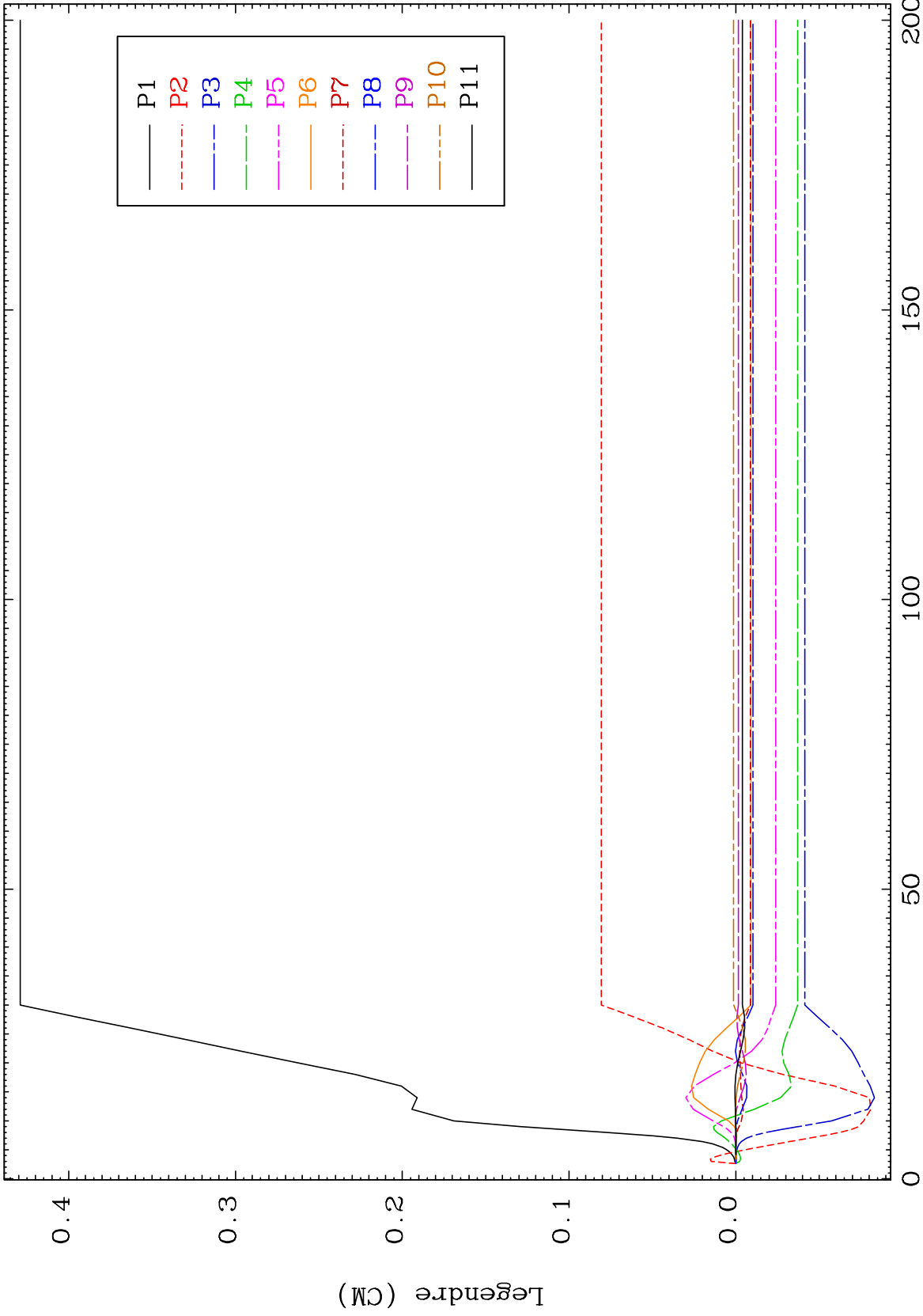
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



118

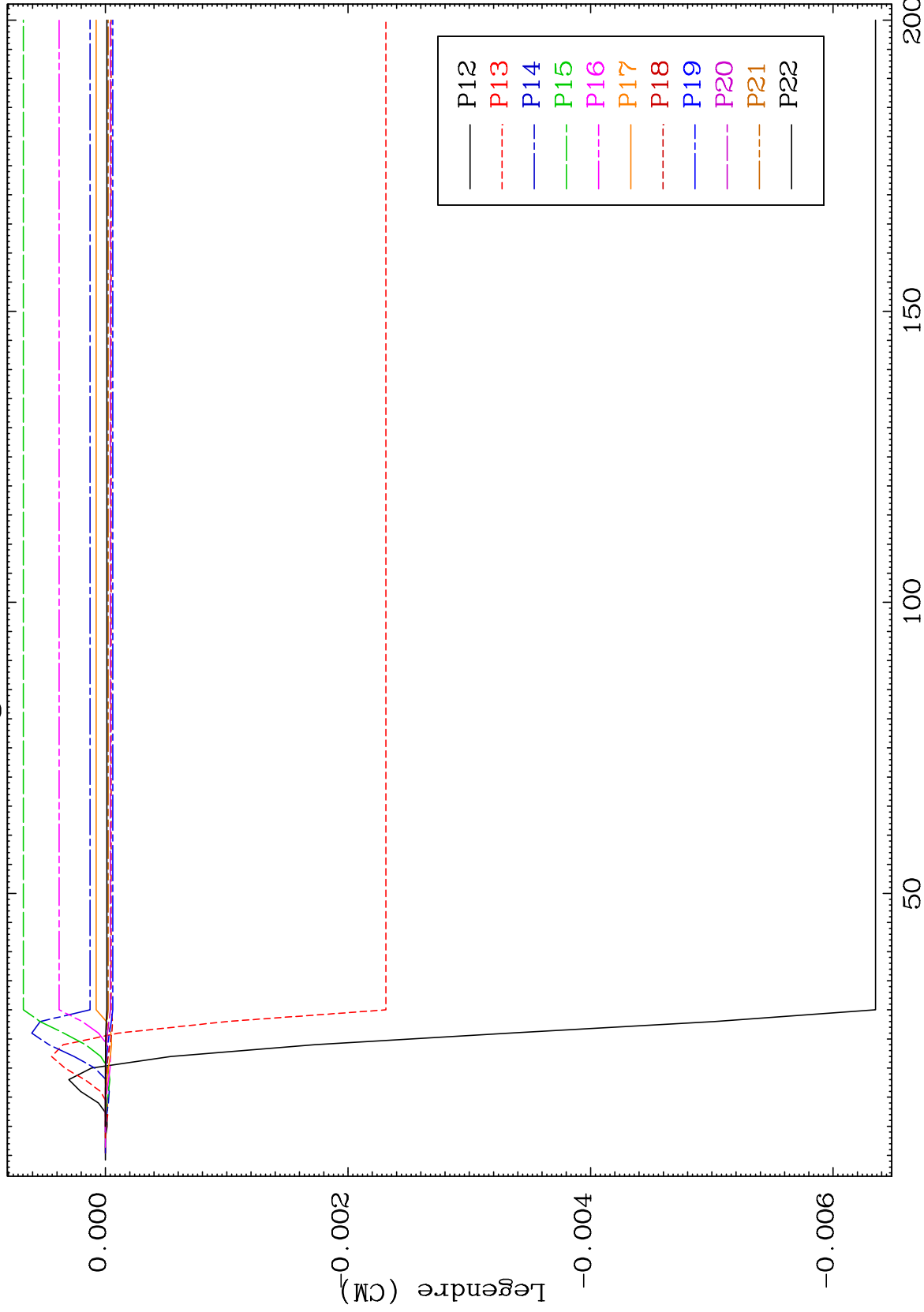
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



119

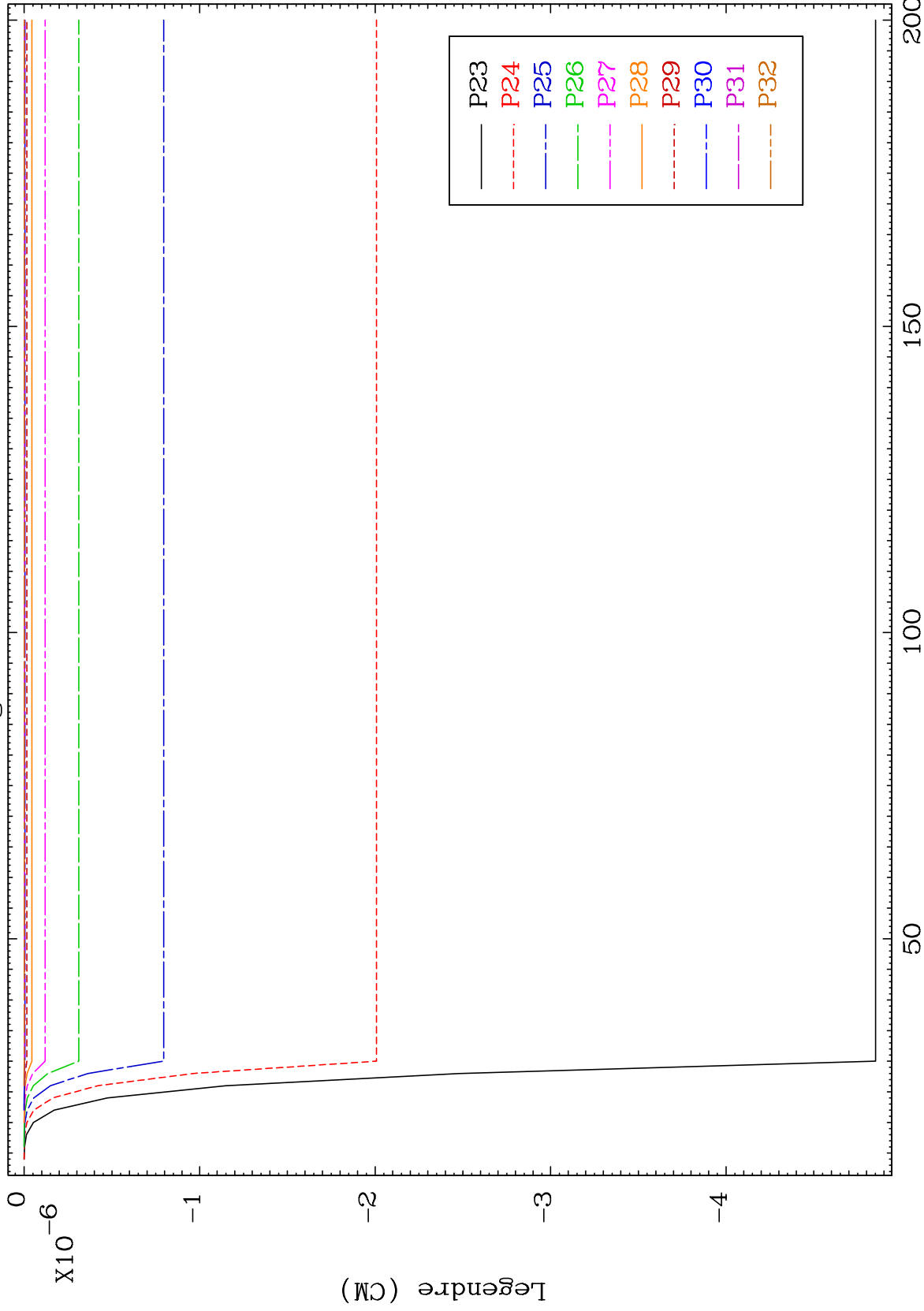
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



120

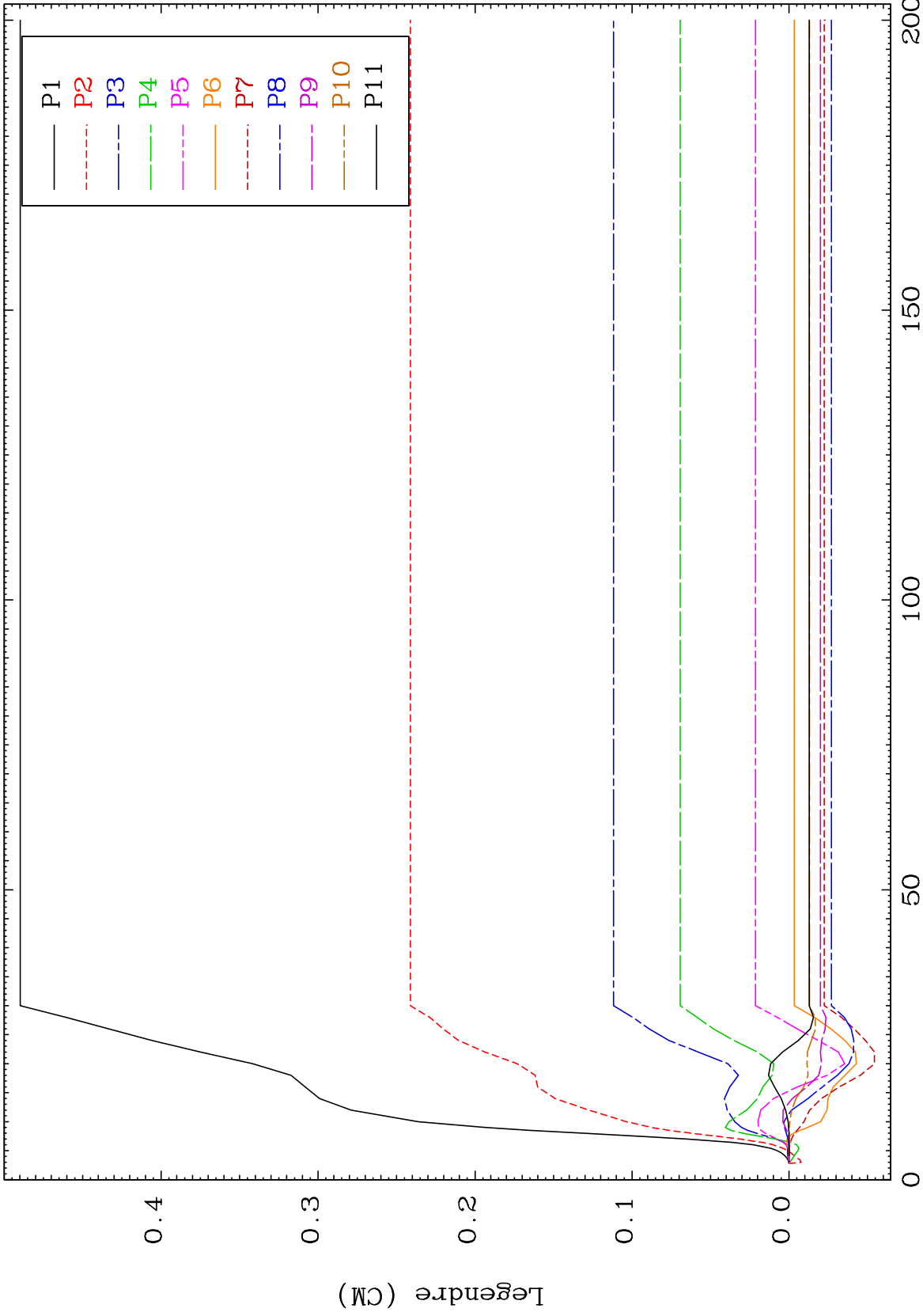
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



121

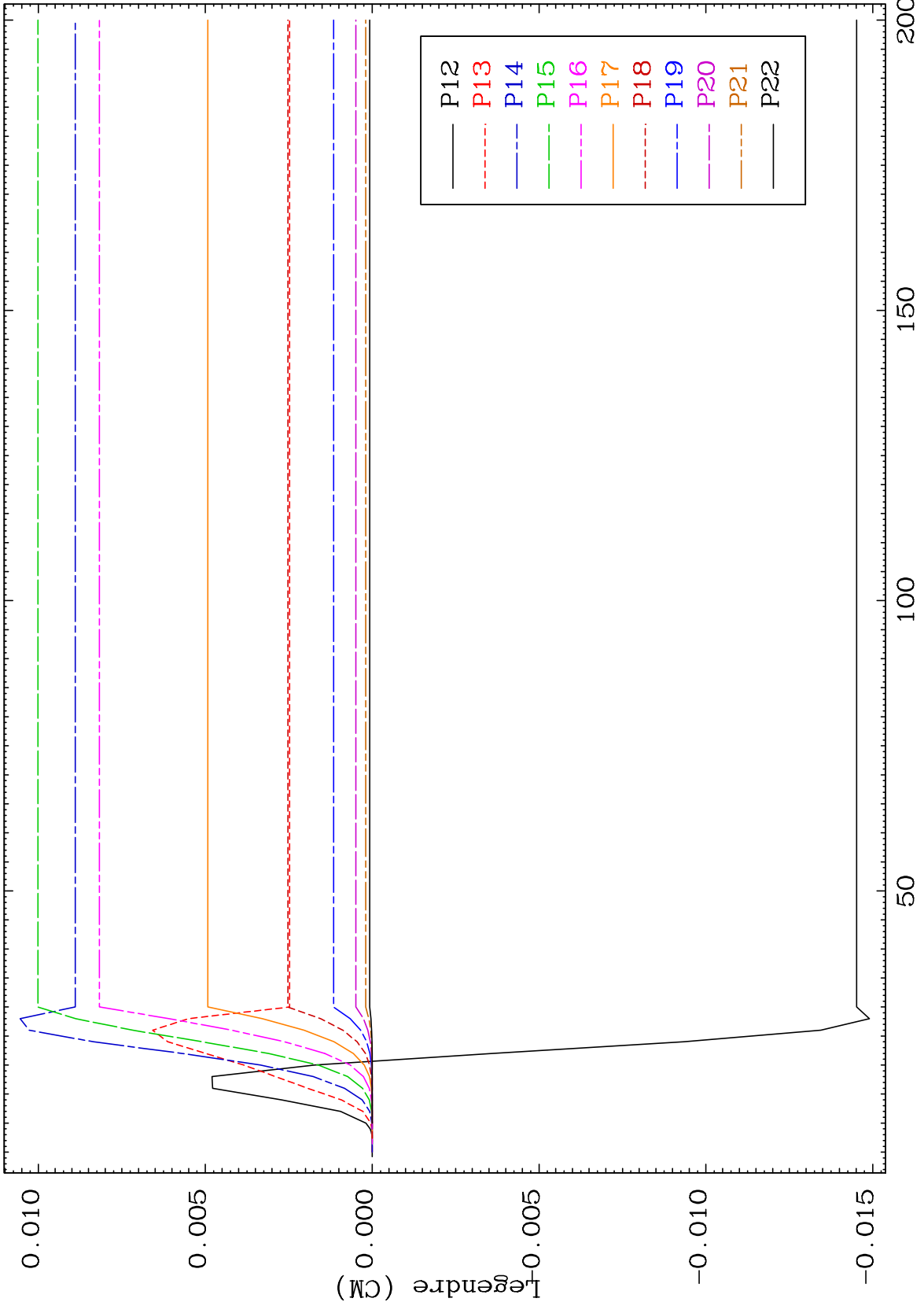
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



122

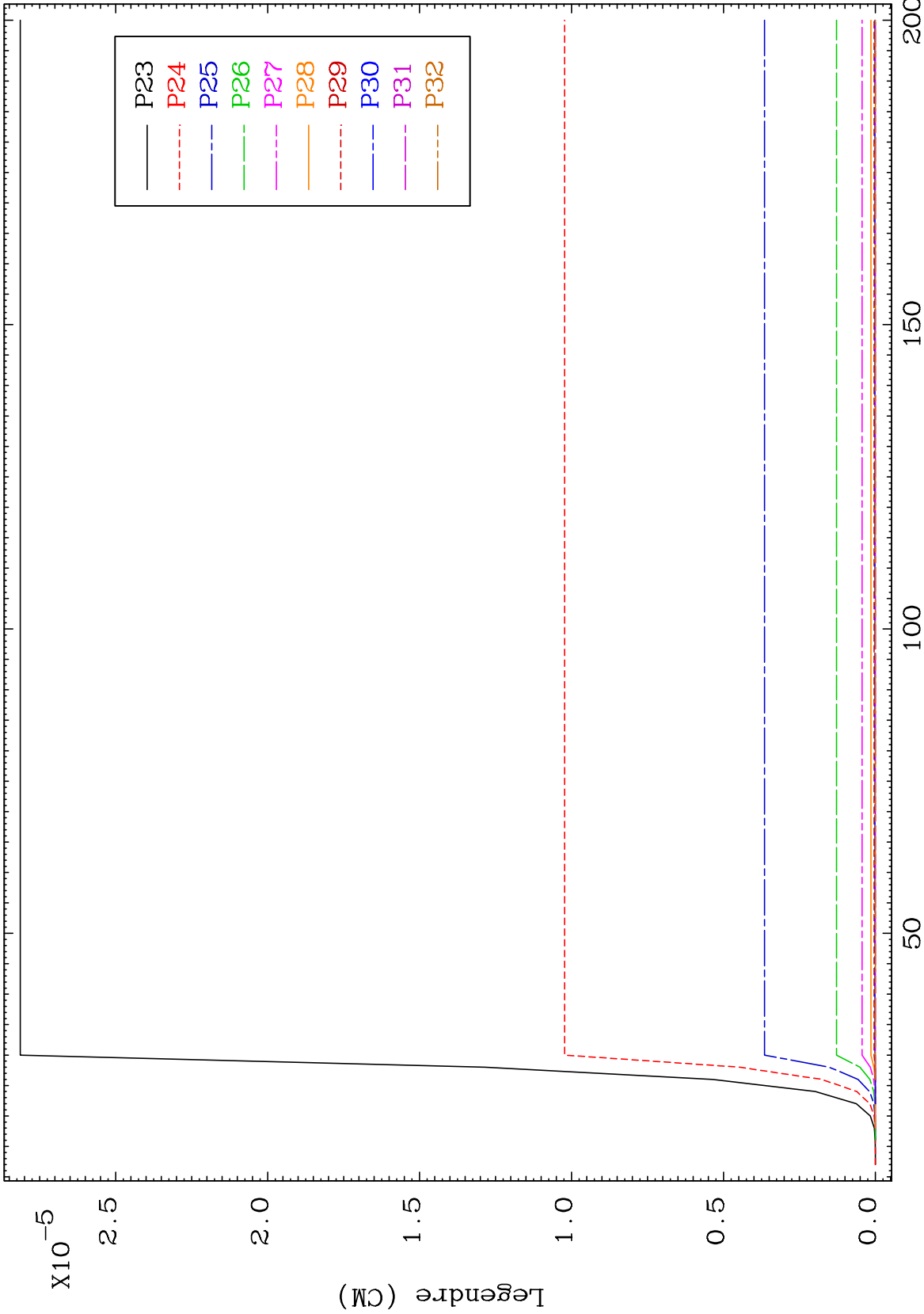
Incident Energy (MeV)

31-Ga-73

MAT 3137

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

31-Ga-73



123

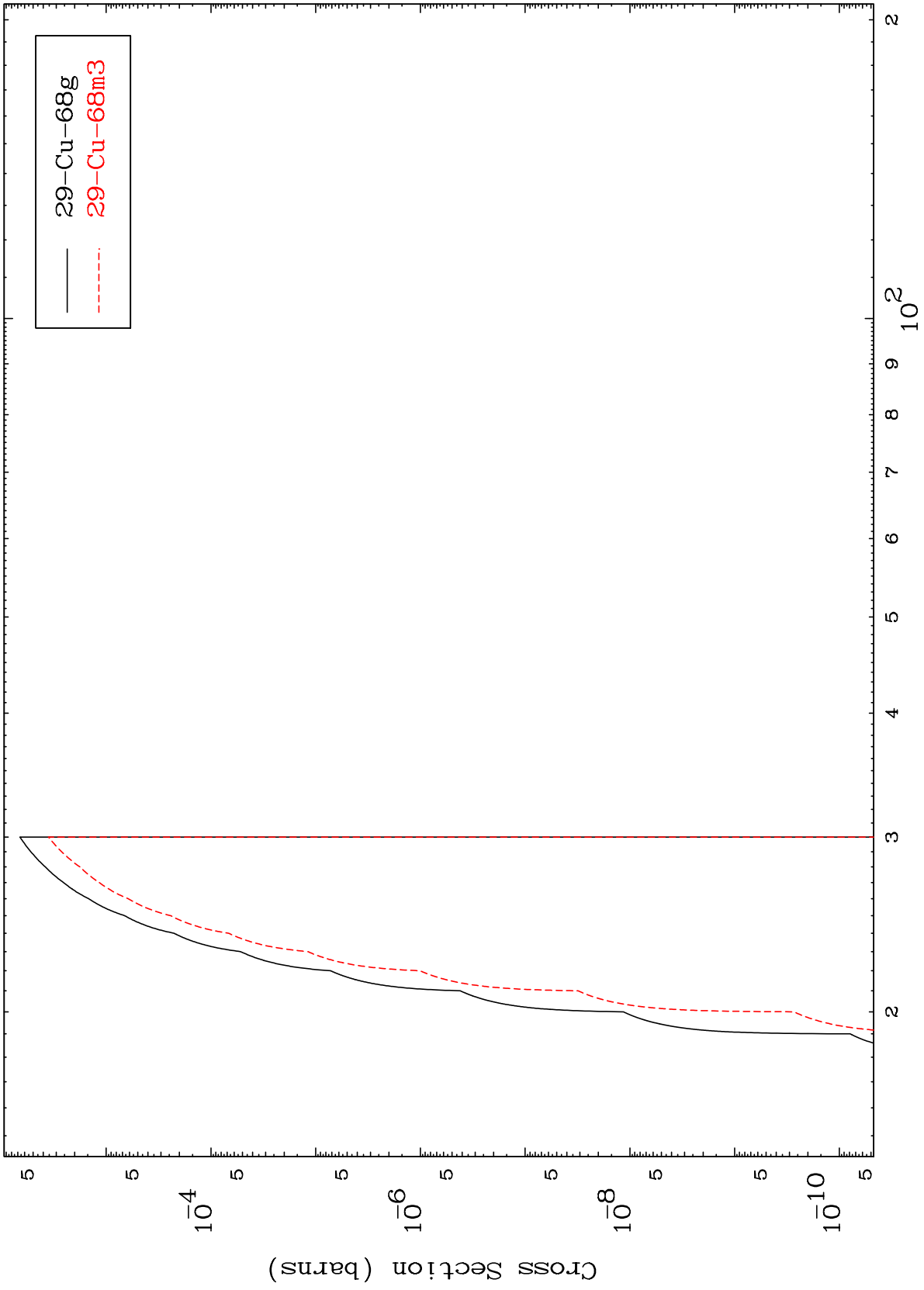
31-Ga-73

MAT 3137

(n,2n)  $\alpha$

31-Ga-73

Radionuclide Production Cross Section



124

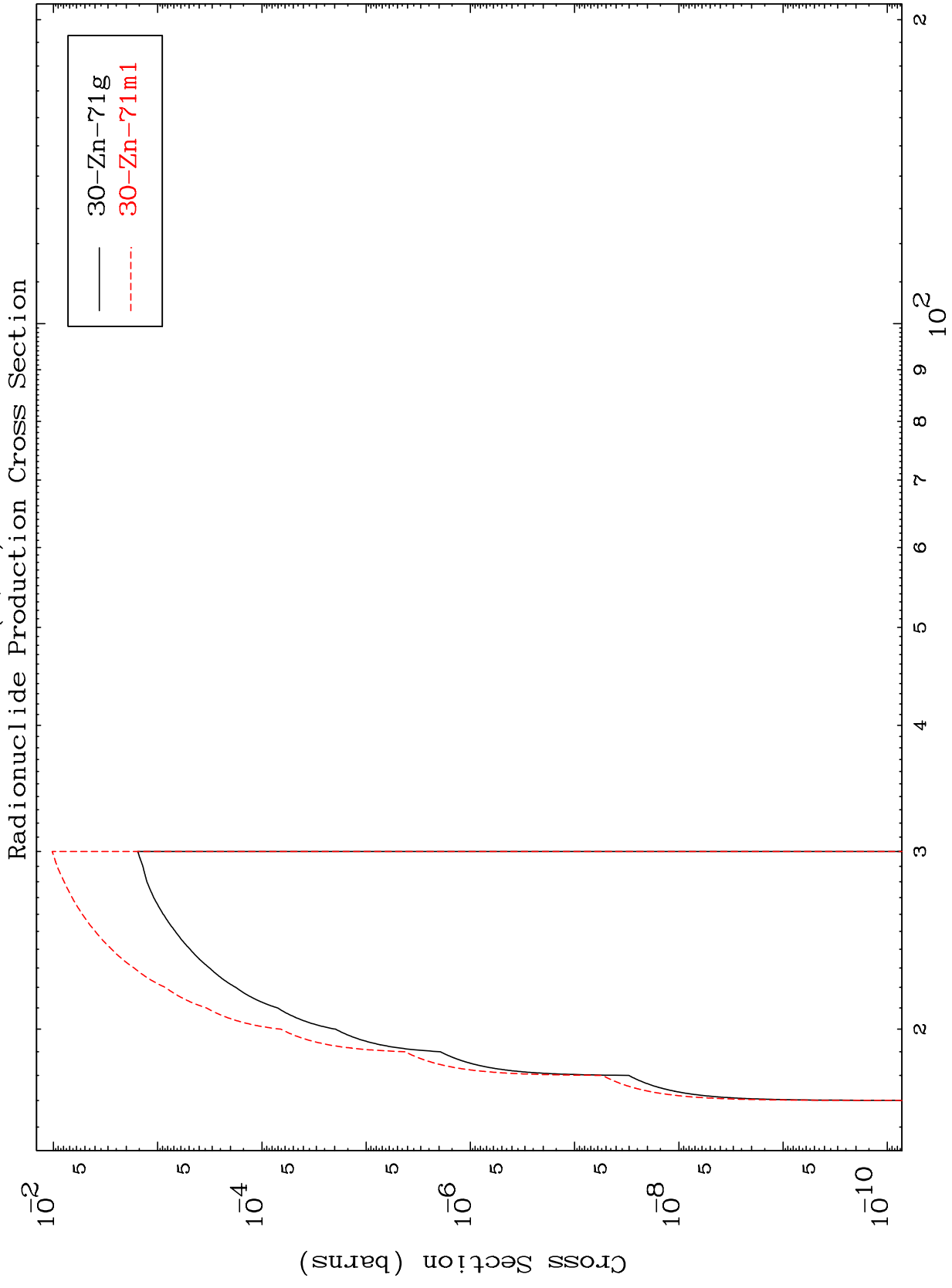
Incident Energy (MeV)

31-Ga-73

MAT 3137

(n,n') d

31-Ga-73



125

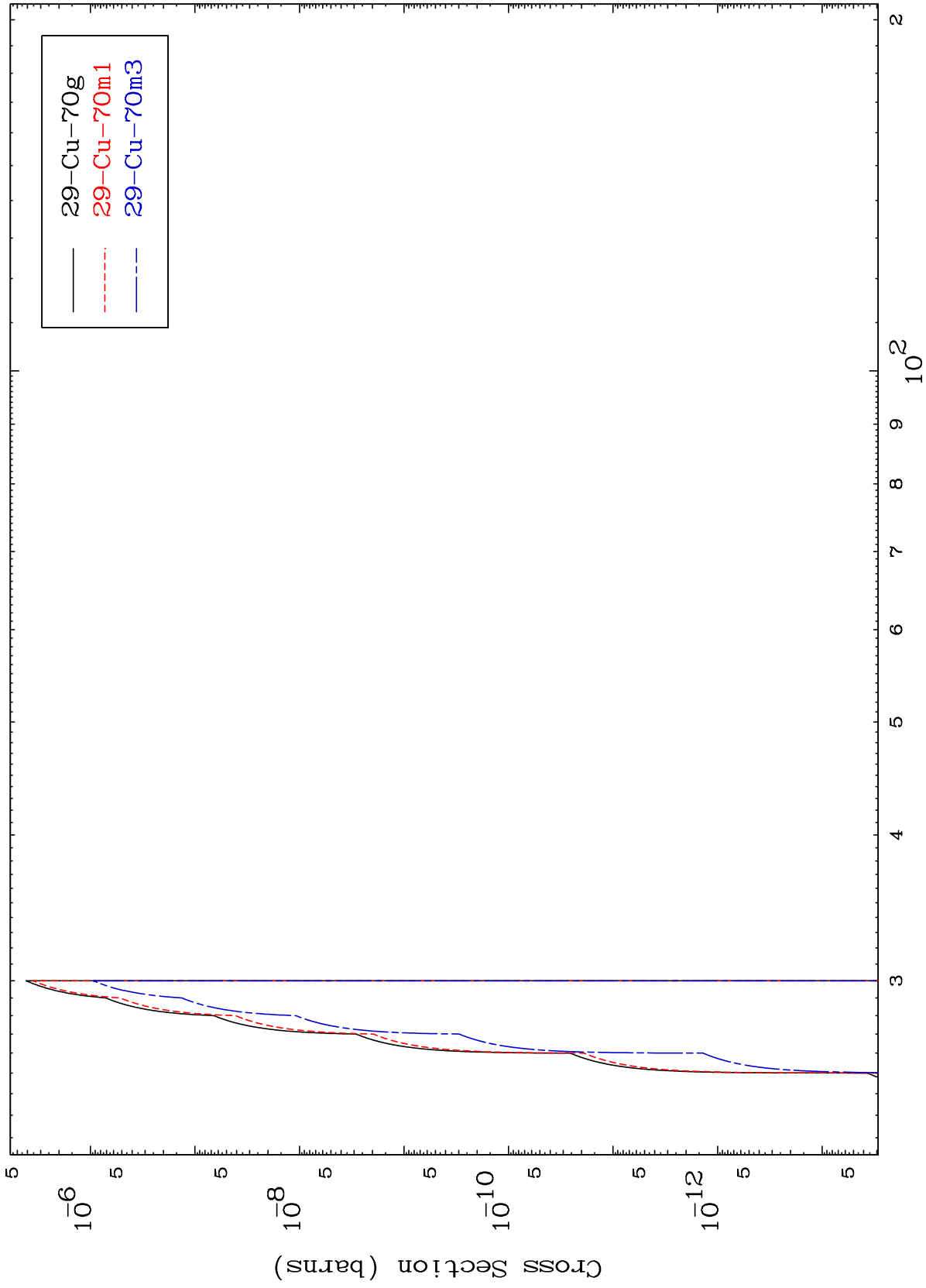
31-Ga-73

MAT 3137

(n, n') He-3

31-Ga-73

Radionuclide Production Cross Section



126

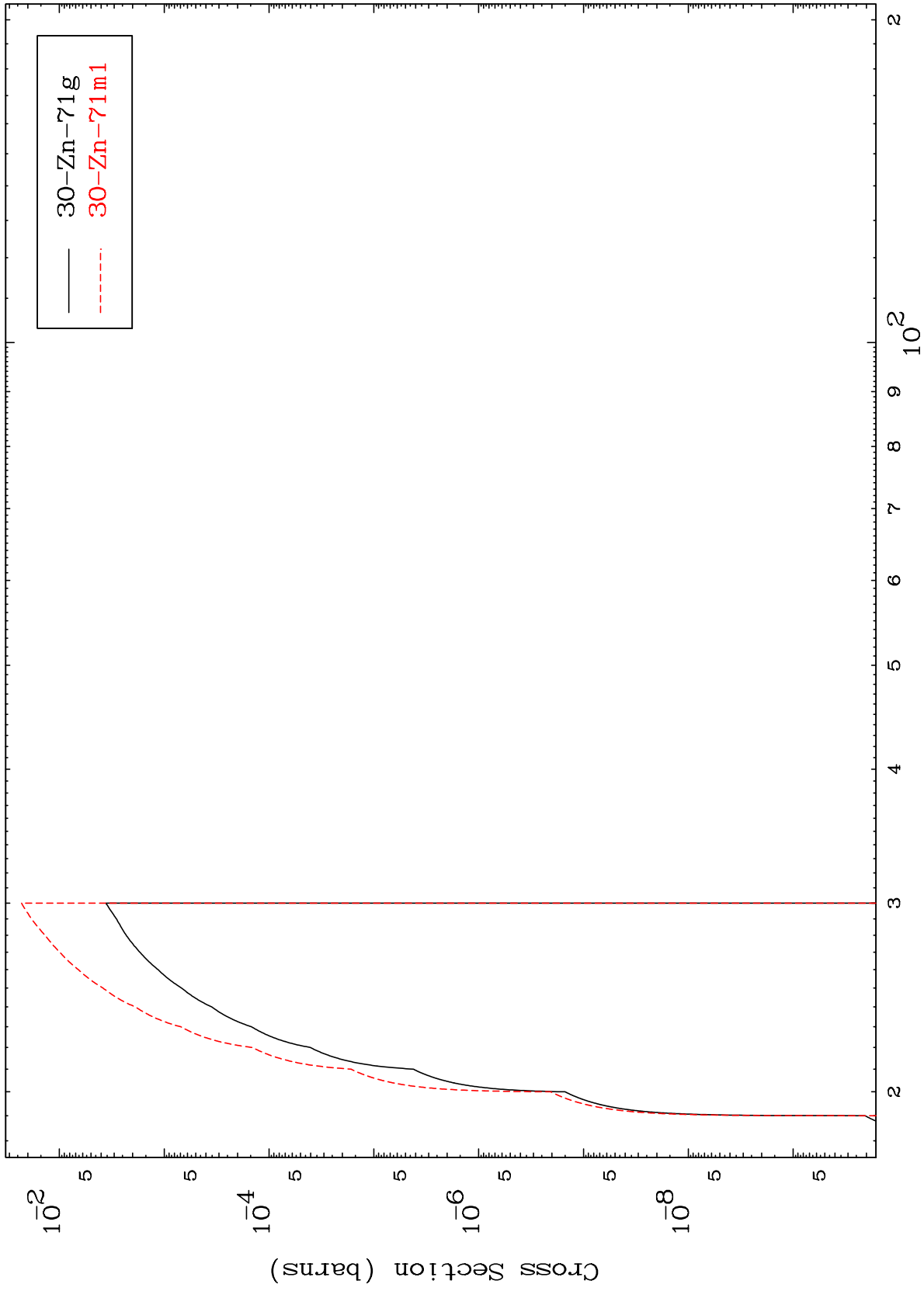
Incident Energy (MeV)

31-Ga-73

MAT 3137

31-Ga-73

(n,2n) p  
Radionuclide Production Cross Section



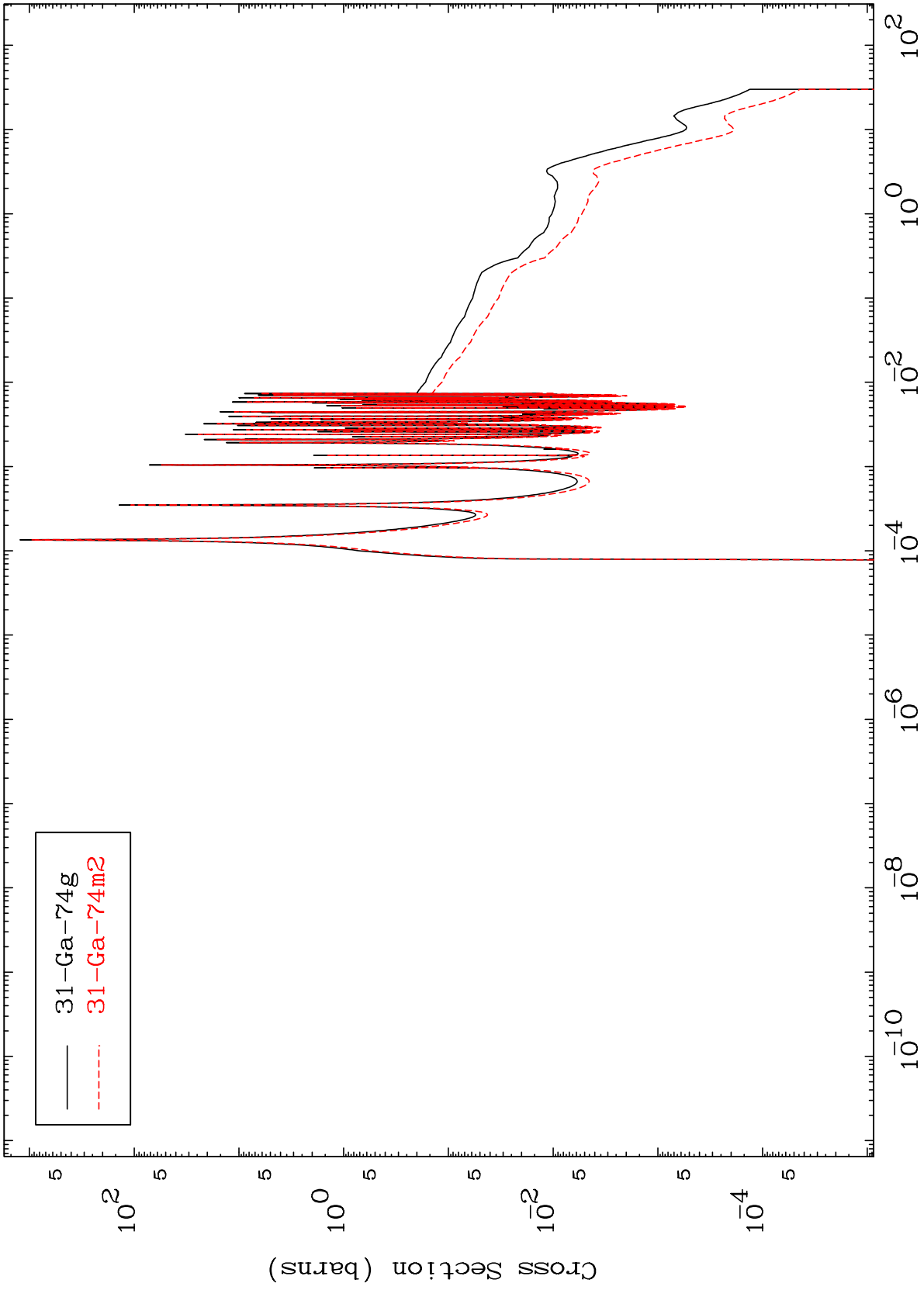
127

31-Ga-73

MAT 3137

<sup>31</sup>Ga-73

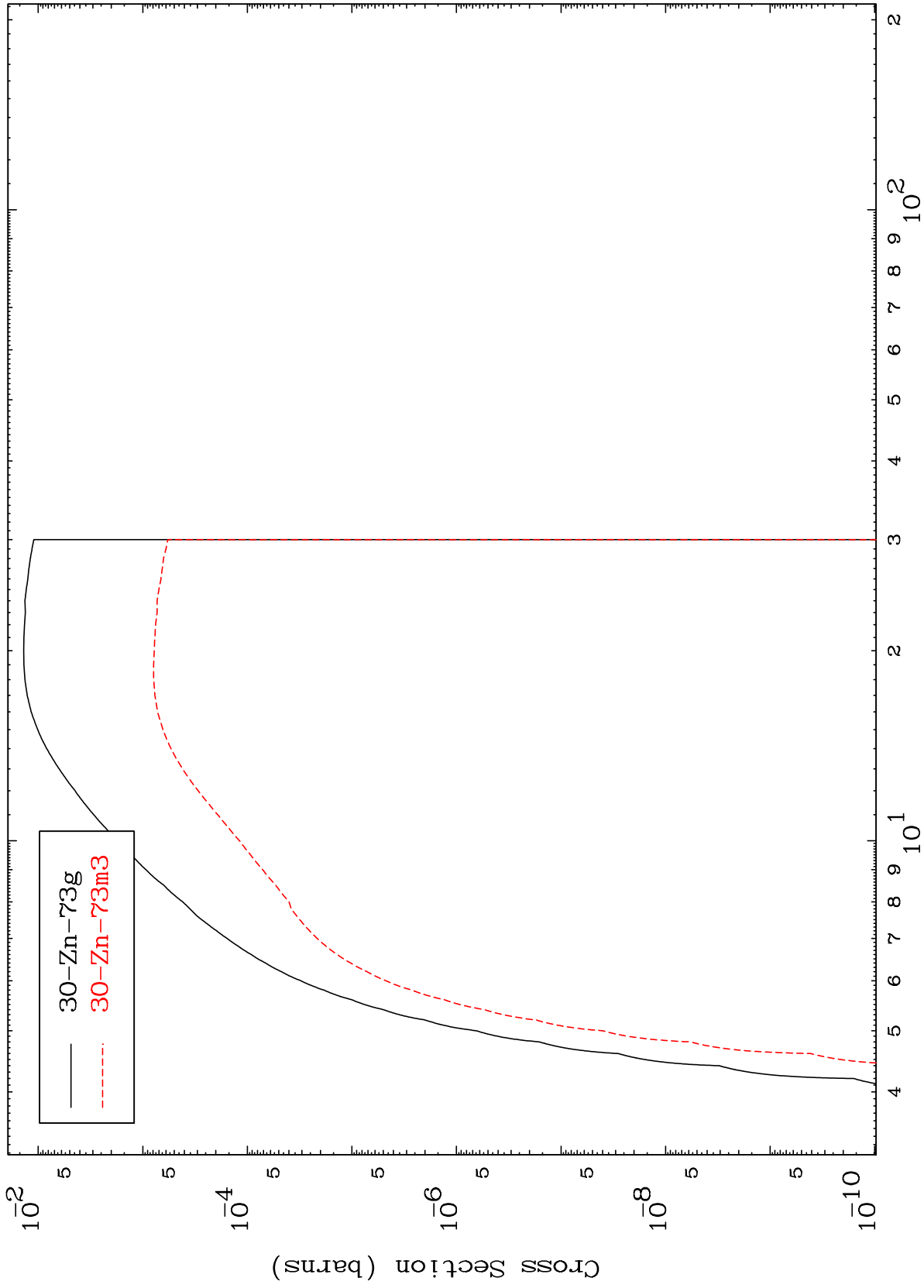
Radionuclide Production Cross Section  
(n,γ)



MAT 3137

31-Ga-73

Radionuclide Production Cross Section (n,p)



129

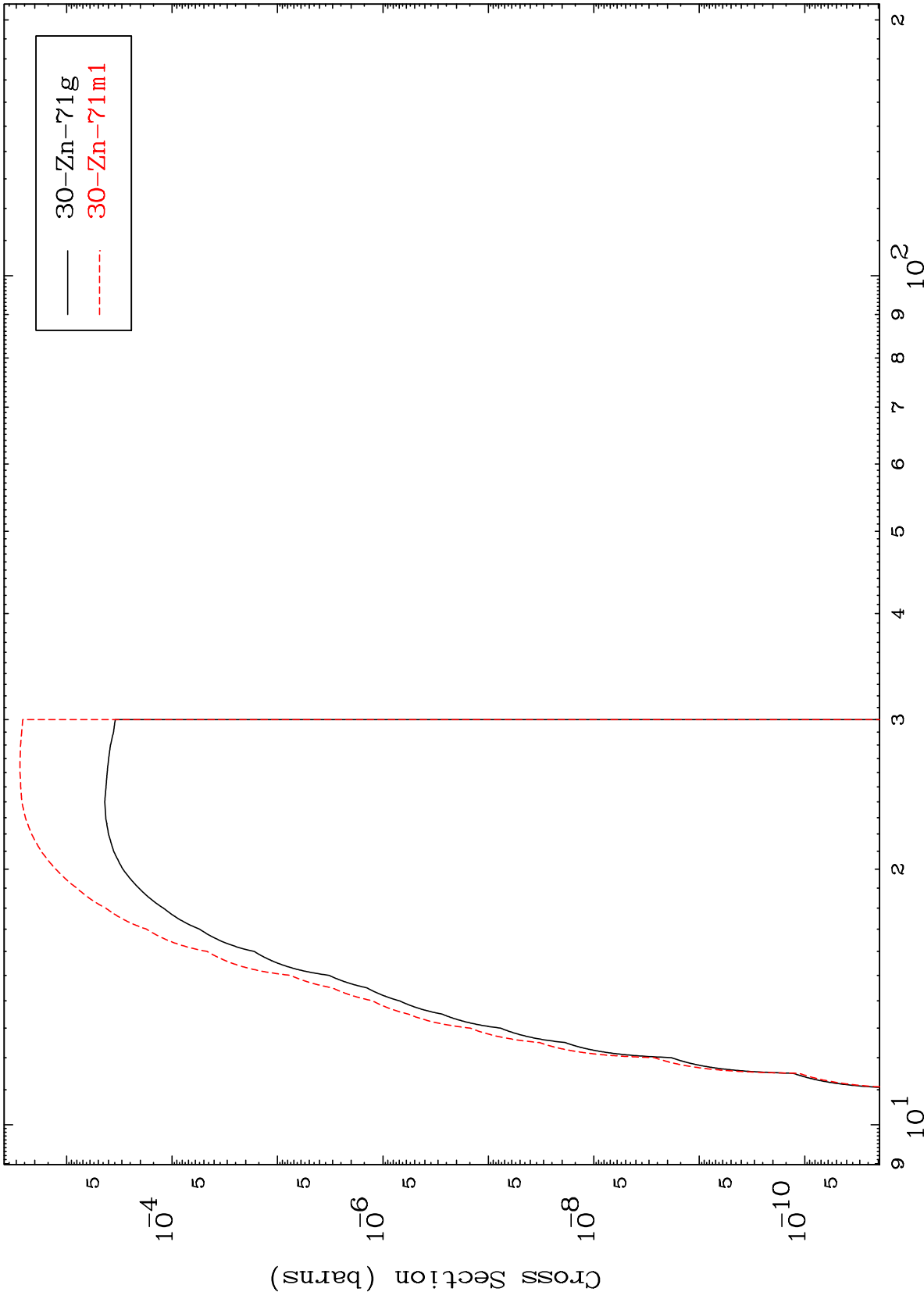
Incident Energy (MeV)

31-Ga-73

MAT 3137

31-Ga-73

(n, t)  
Radionuclide Production Cross Section



130

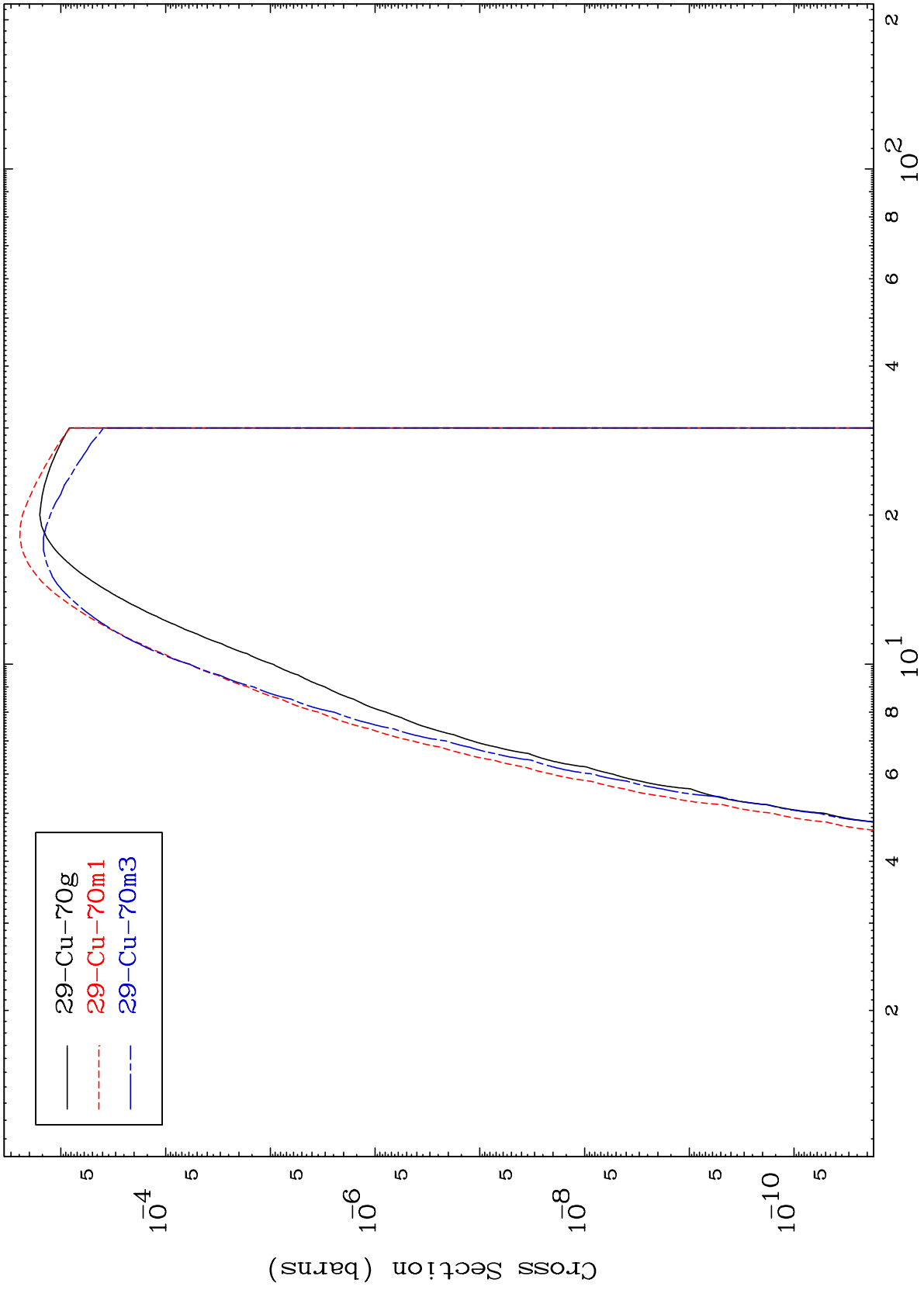
Incident Energy (MeV)

31-Ga-73

MAT 3137

31-Ga-73

Radionuclide Production Cross Section



131

31-Ga-73

