

Program EVALPLOT
(Version 2018-1)

by

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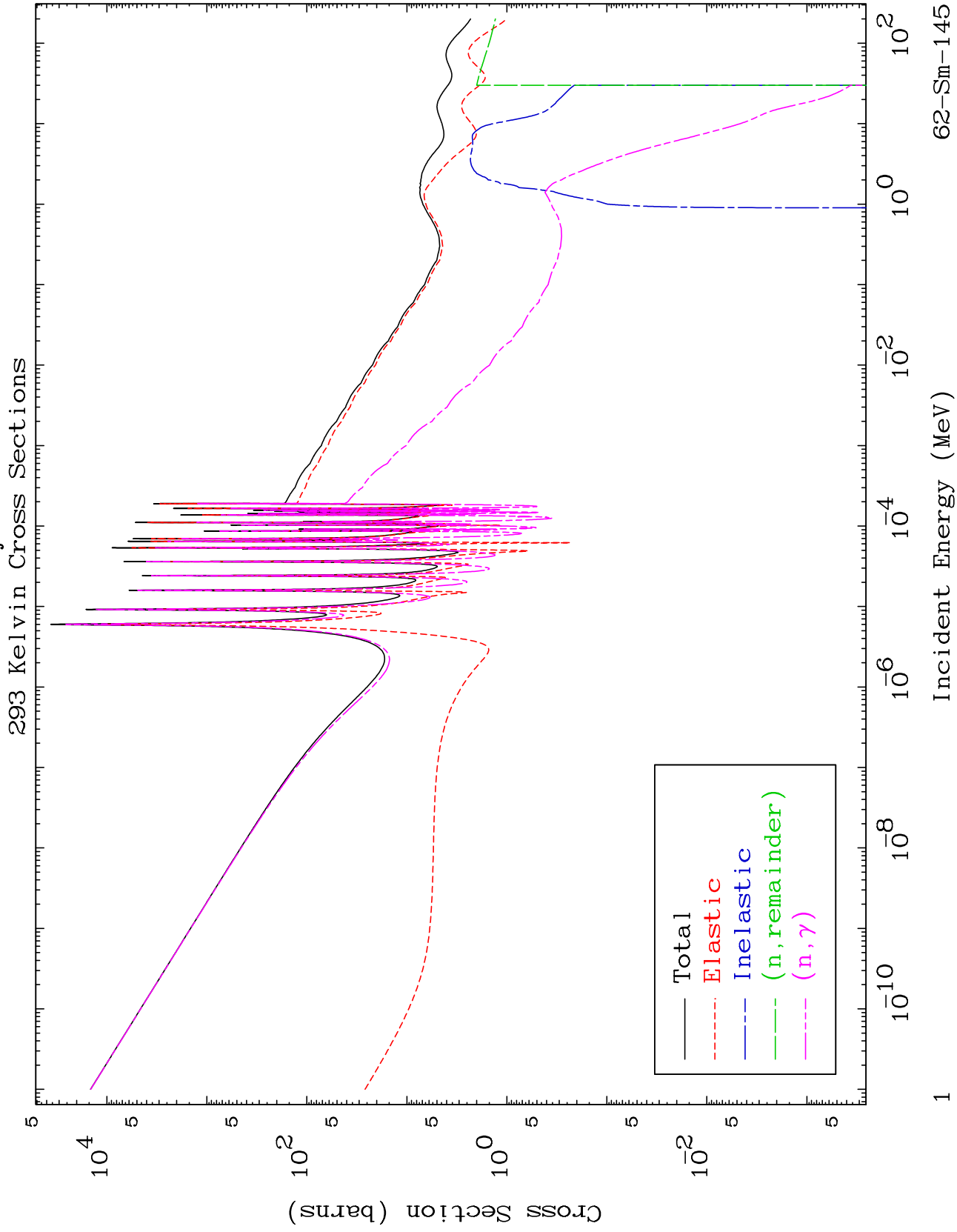
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6228

Major

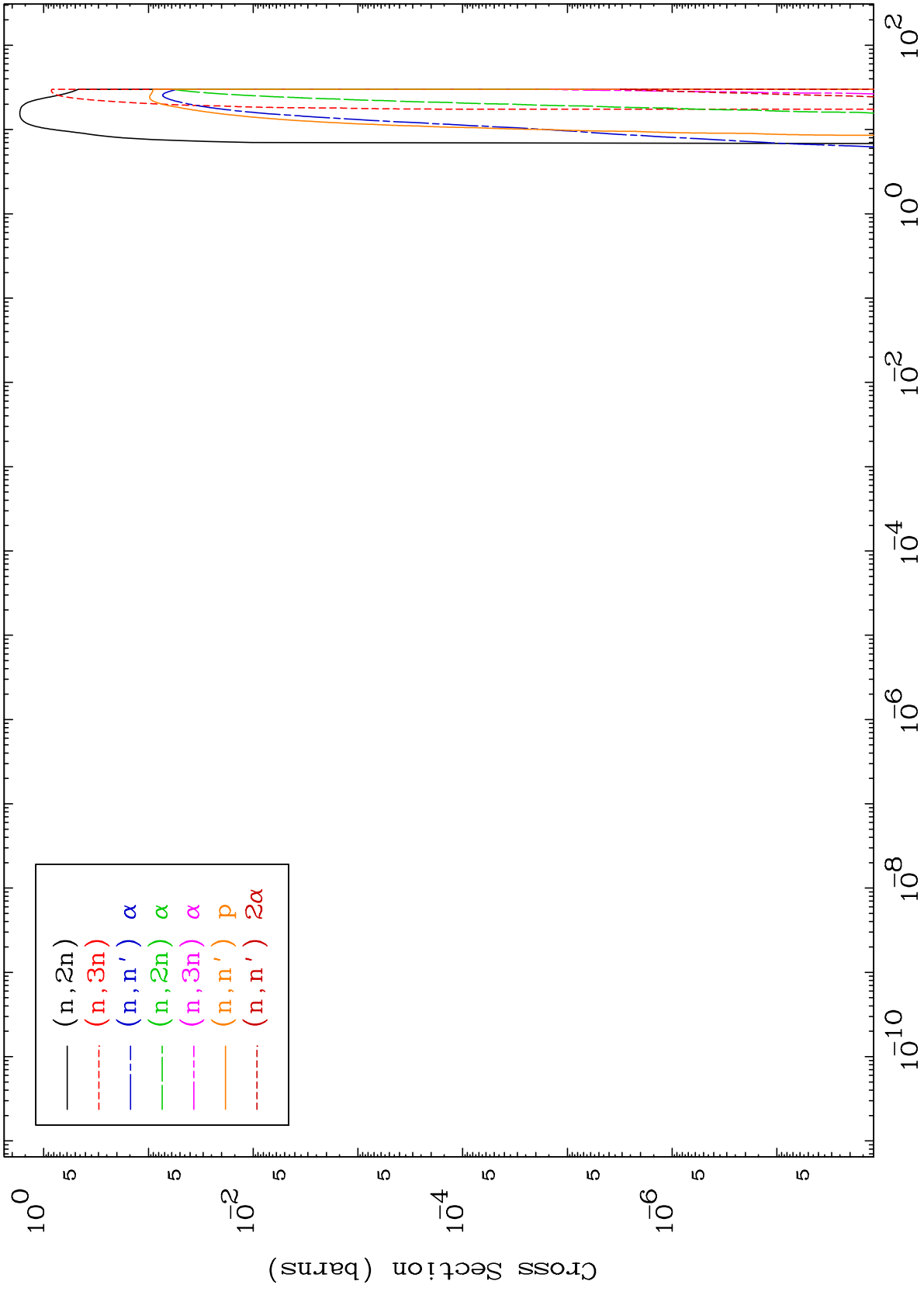
62-Sm-145



MAT 6228

Neutron Production
293 Kelvin Cross Sections

62-Sm-145

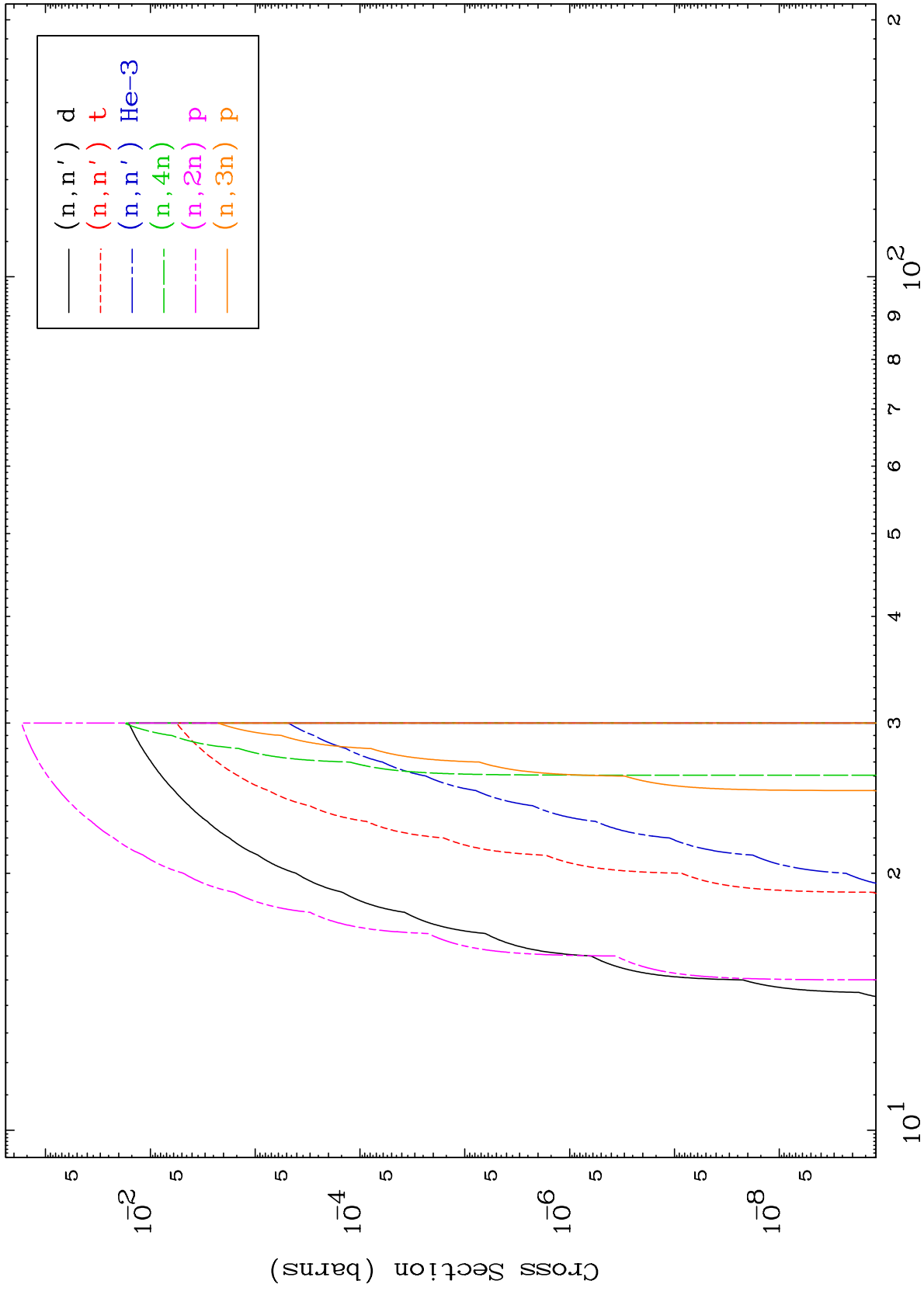


62-Sm-145

MAT 6228

Neutron Production 293 Kelvin Cross Sections

62-Sm-145



62-Sm-145

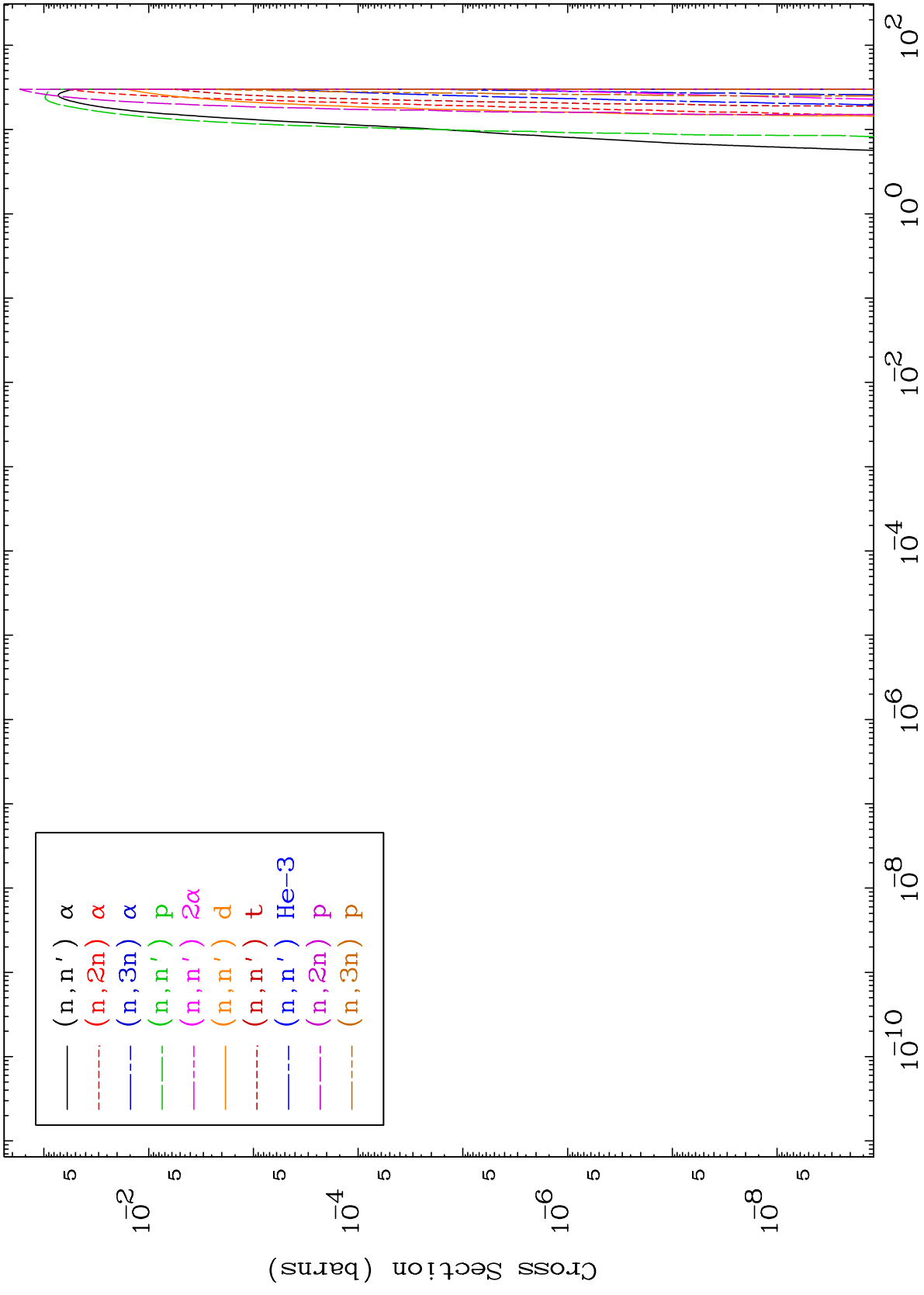
Incident Energy (MeV)

3

MAT 6228

293 Kelvin Cross Sections
Charged Particle

62-Sm-145

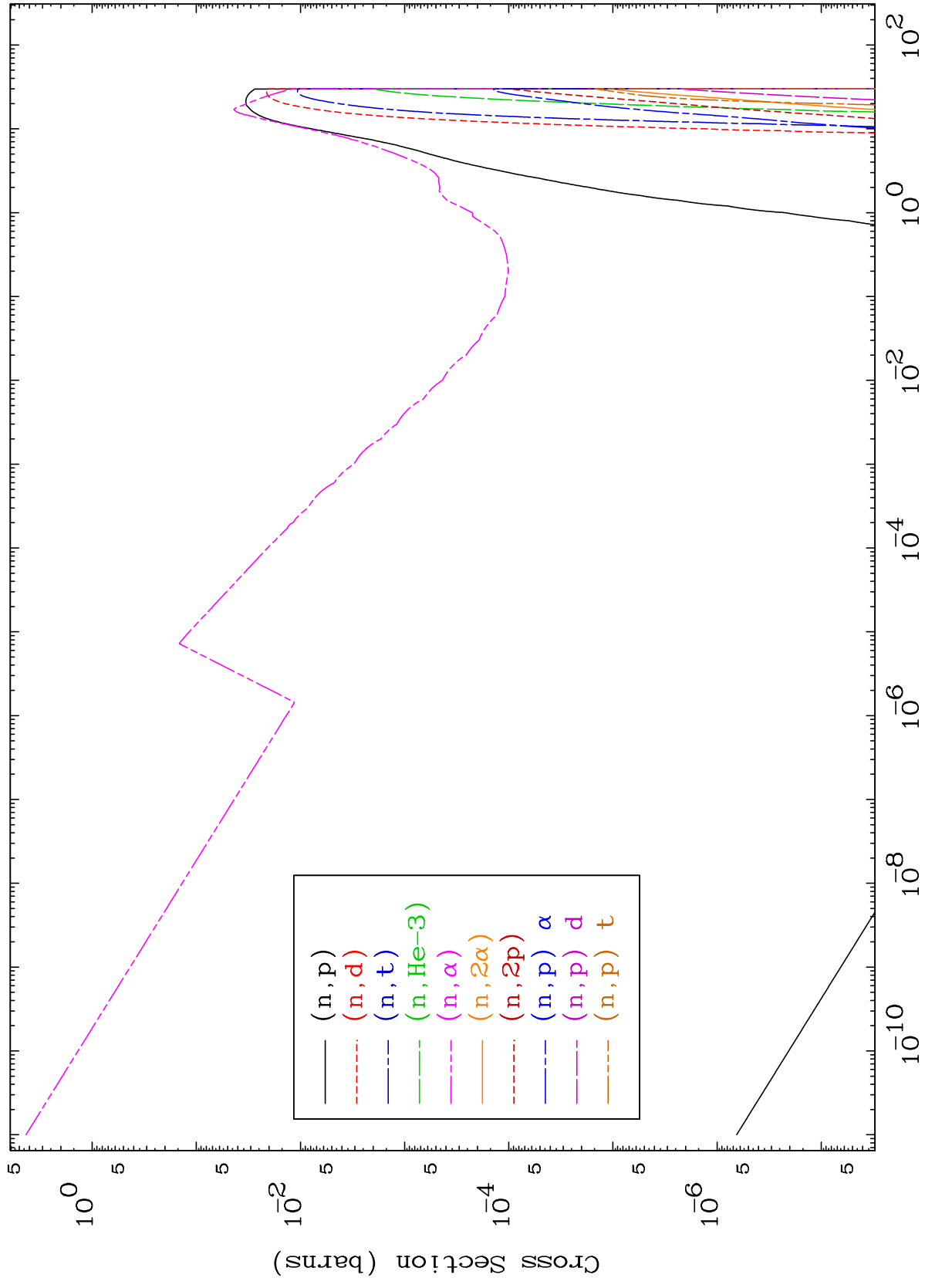


62-Sm-145

MAT 6228

293 Kelvin Cross Sections

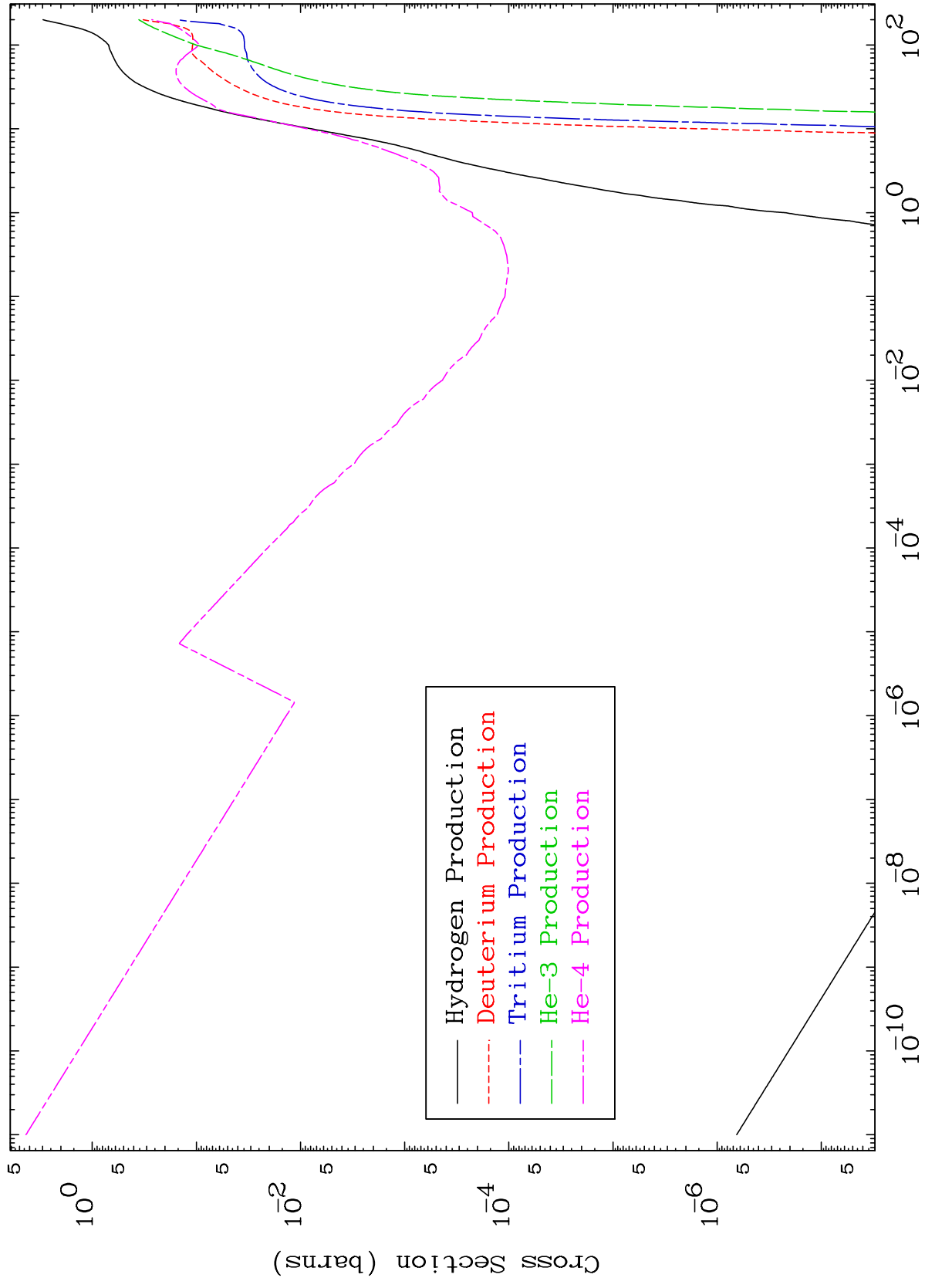
62-Sm-145



MAT 6228

Particle Production
293 Kelvin Cross Sections

62-Sm-145



6

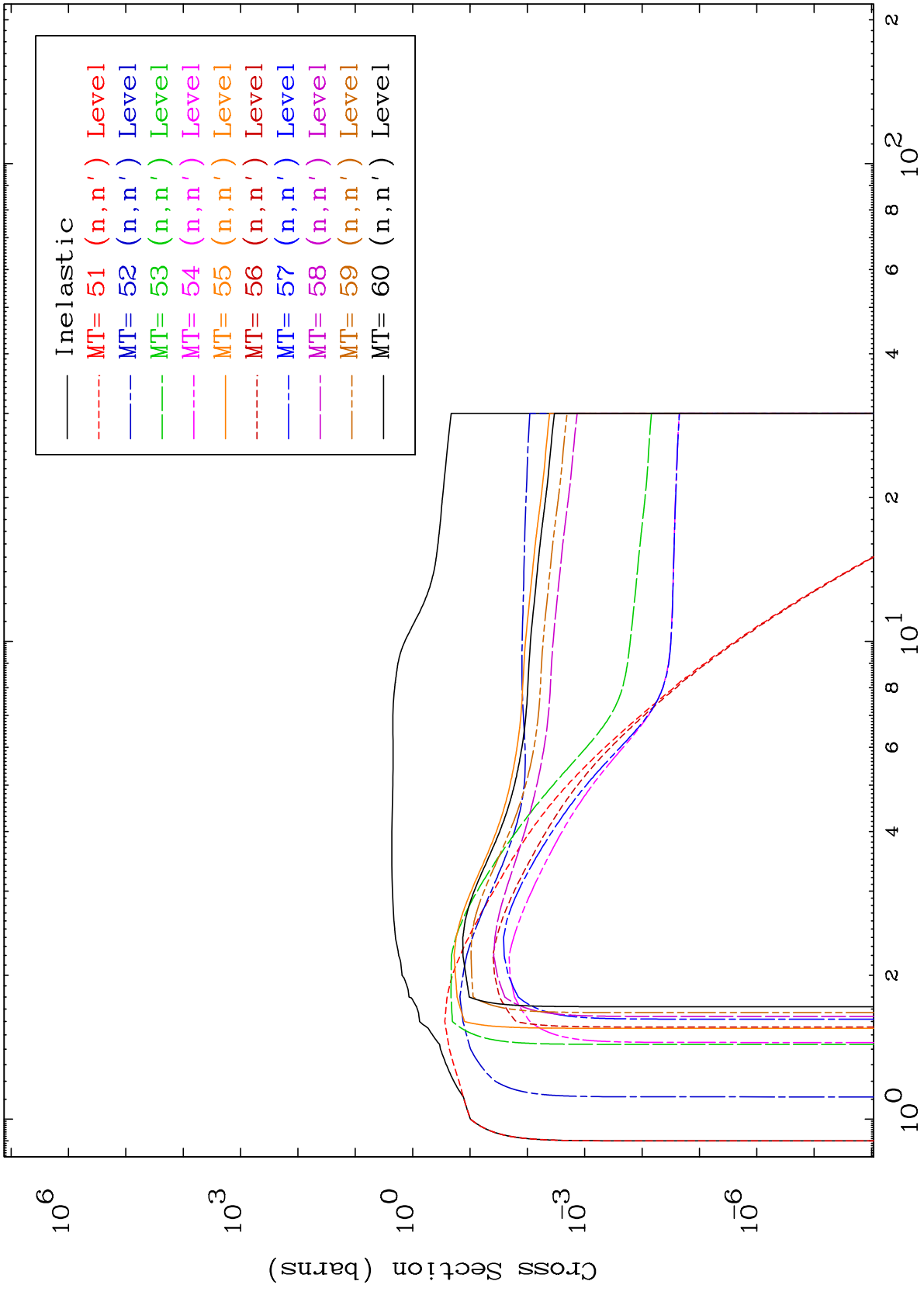
62-Sm-145

MAT 6228

(n,n') Level

62-Sm-145

293 Kelvin Cross Sections



Incident Energy (MeV)

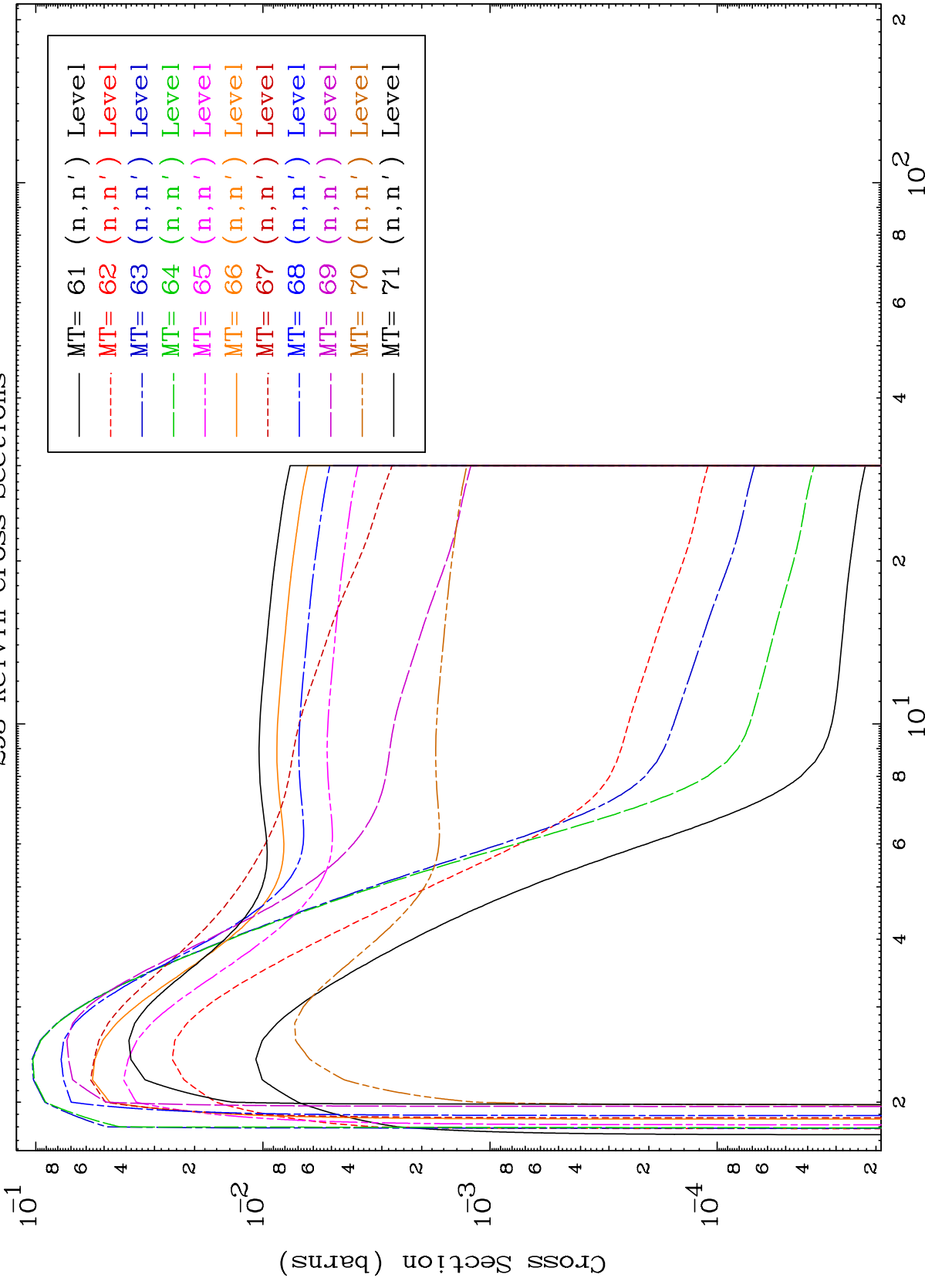
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MAT 6228

(n,n') Level

293 Kelvin Cross Sections

62-Sm-145



8

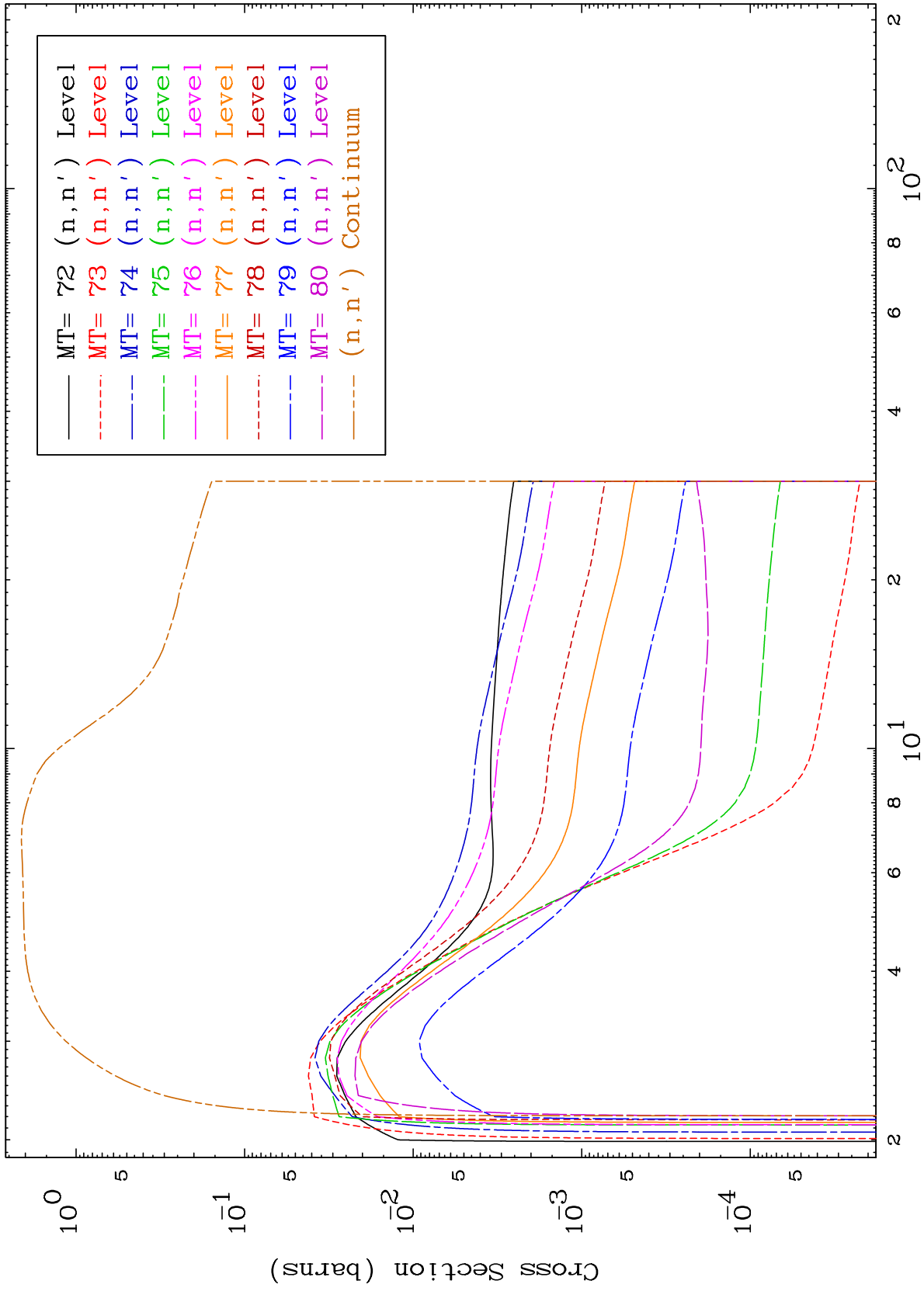
Incident Energy (MeV)

62-Sm-145

MAT 6228

(n,n') Level
293 Kelvin Cross Sections

62-Sm-145



9

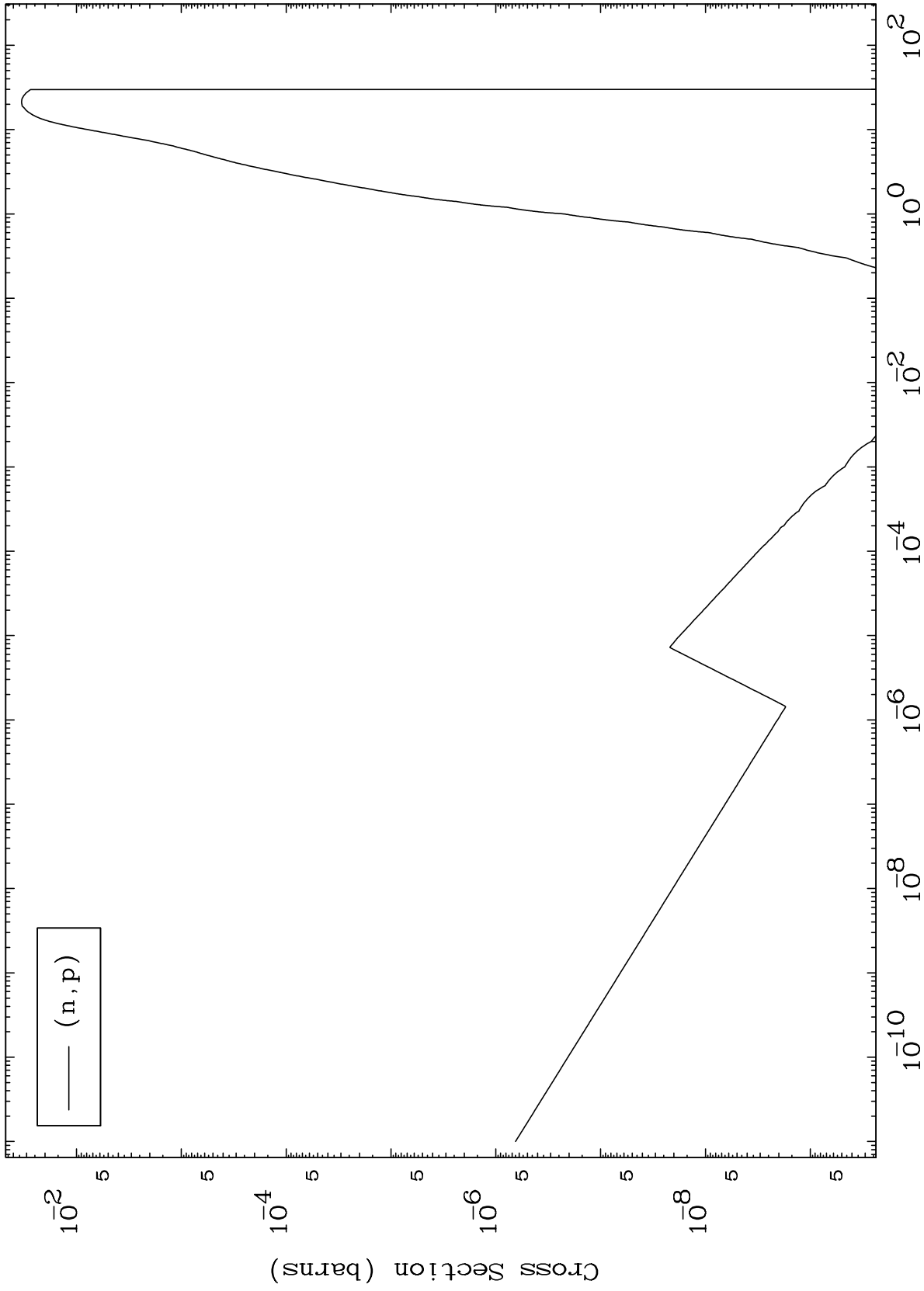
Incident Energy (MeV)

62-Sm-145

MAT 6228

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-145



10

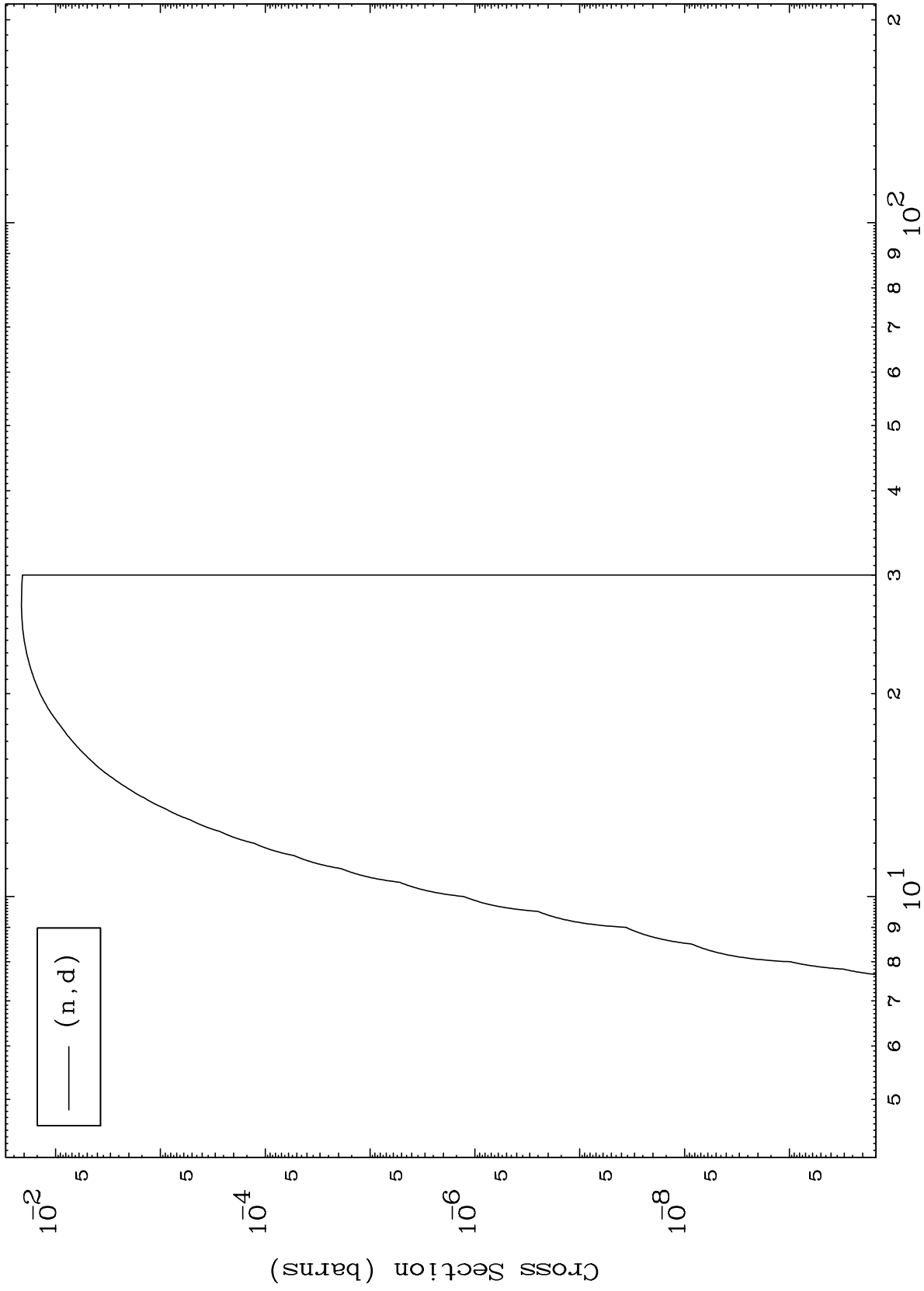
Incident Energy (MeV)

62-Sm-145

MAT 6228

(n,d) Levels
293 Kelvin Cross Sections

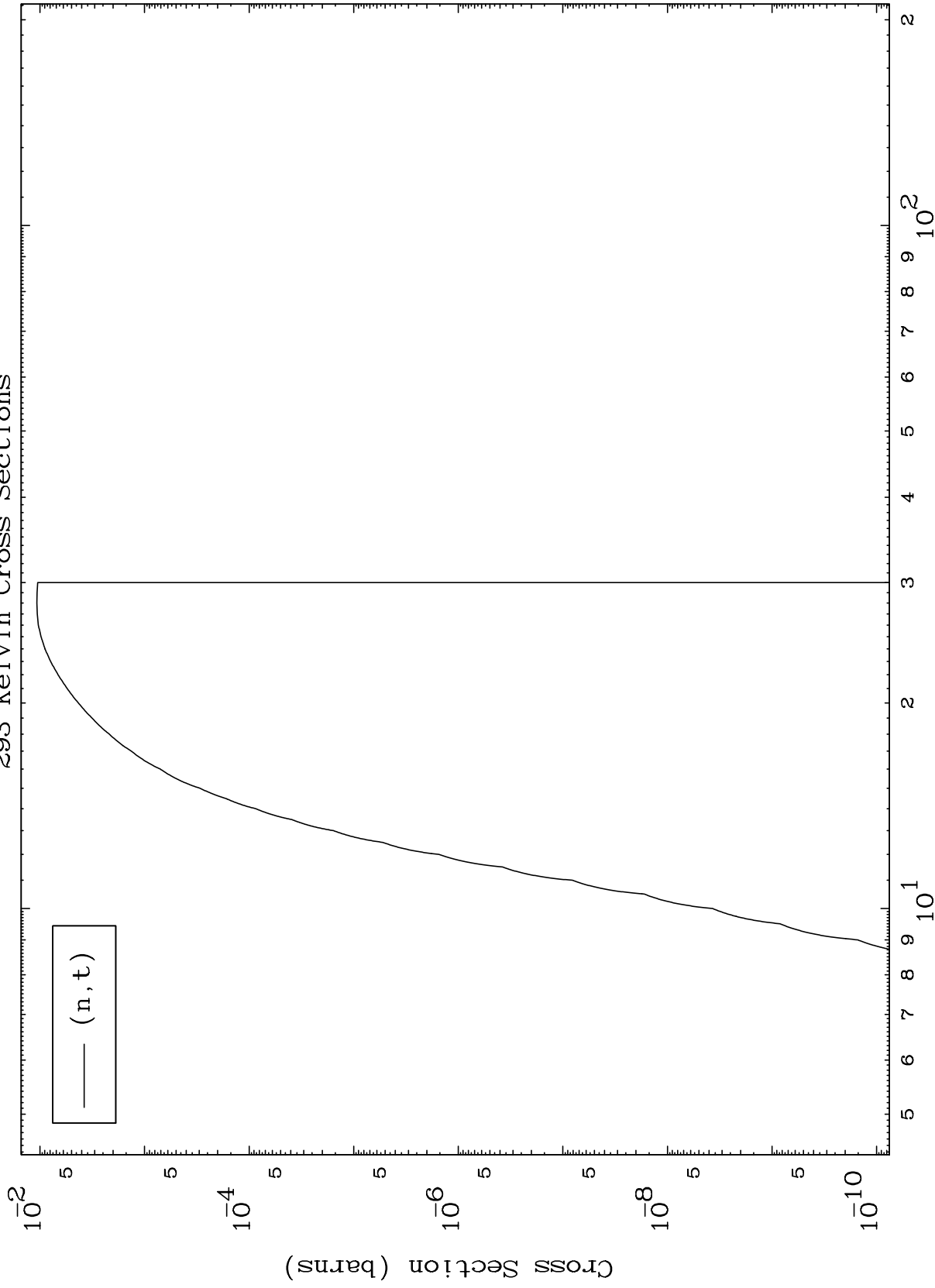
62-Sm-145



MAT 6228

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-145



12

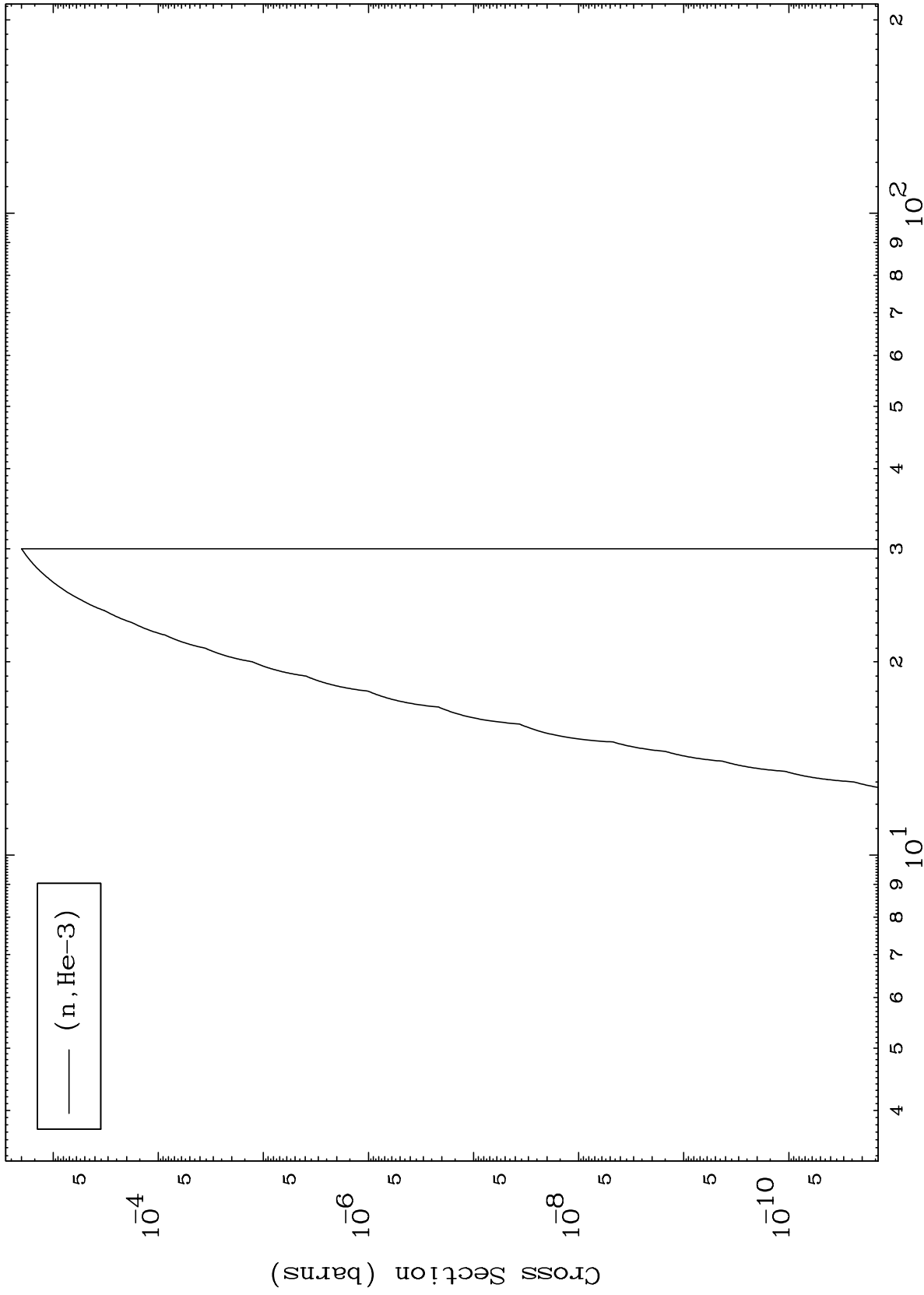
Incident Energy (MeV)

62-Sm-145

MAT 6228

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-145



13

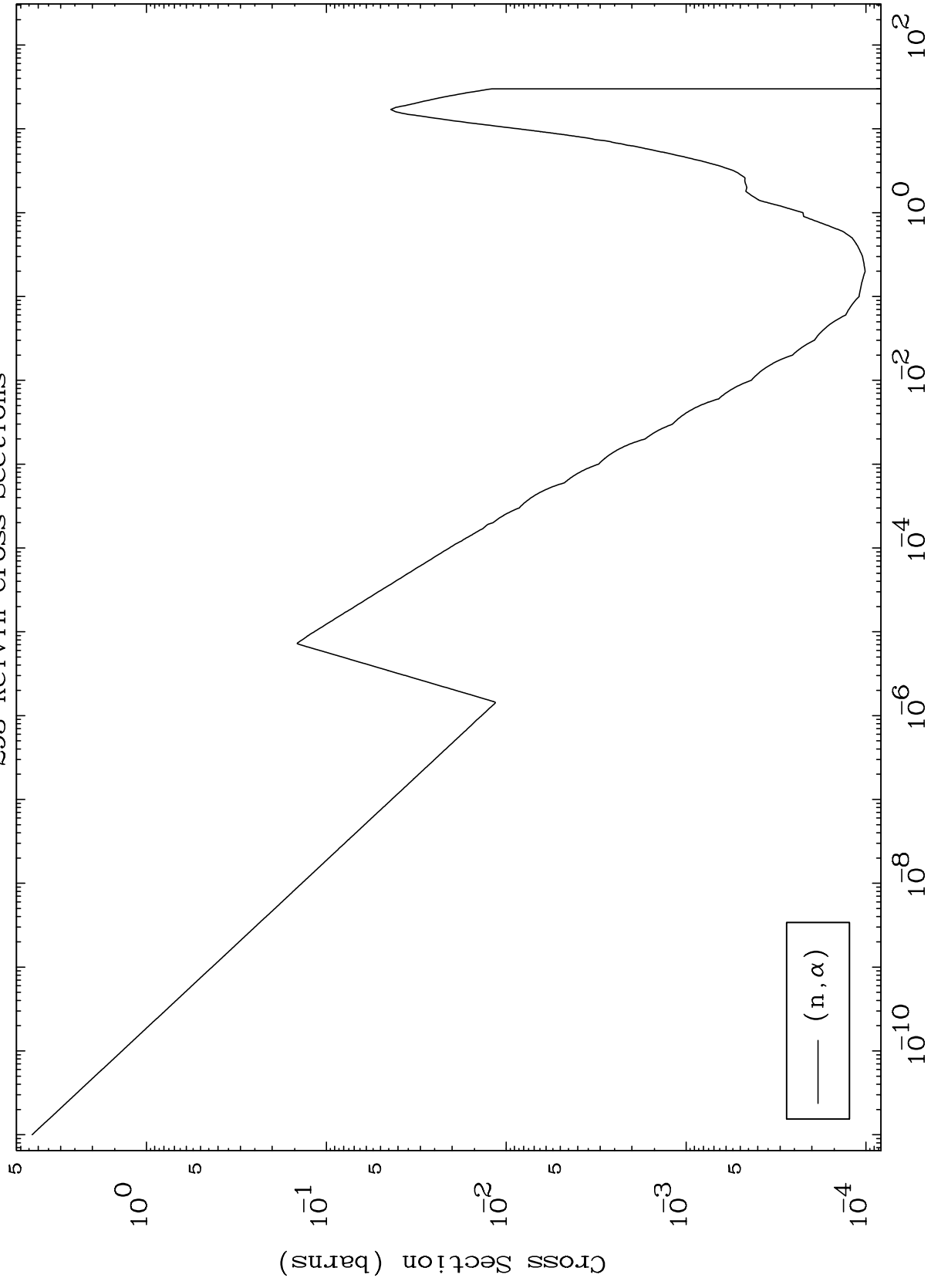
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62-Sm-145

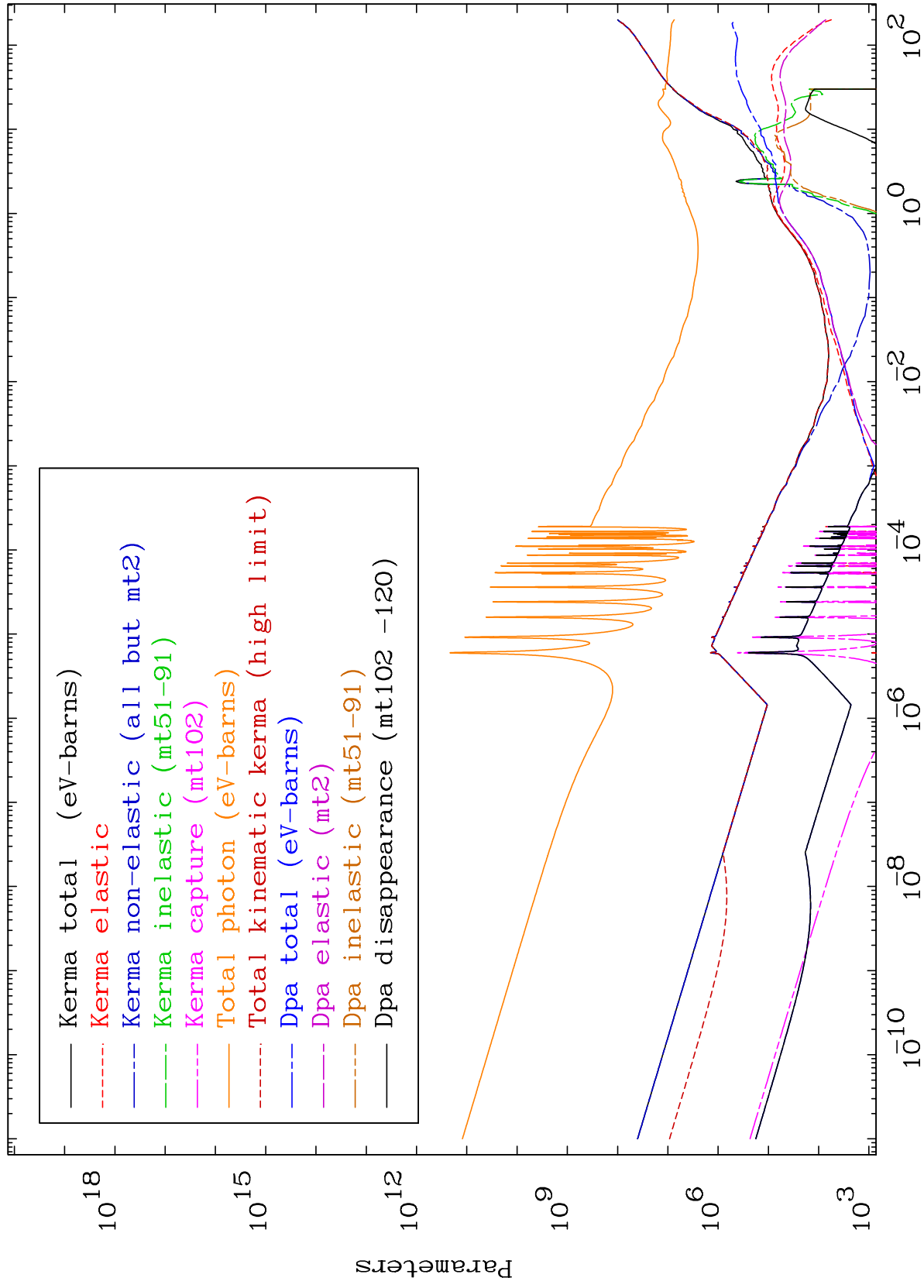
MAT 6228

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-145



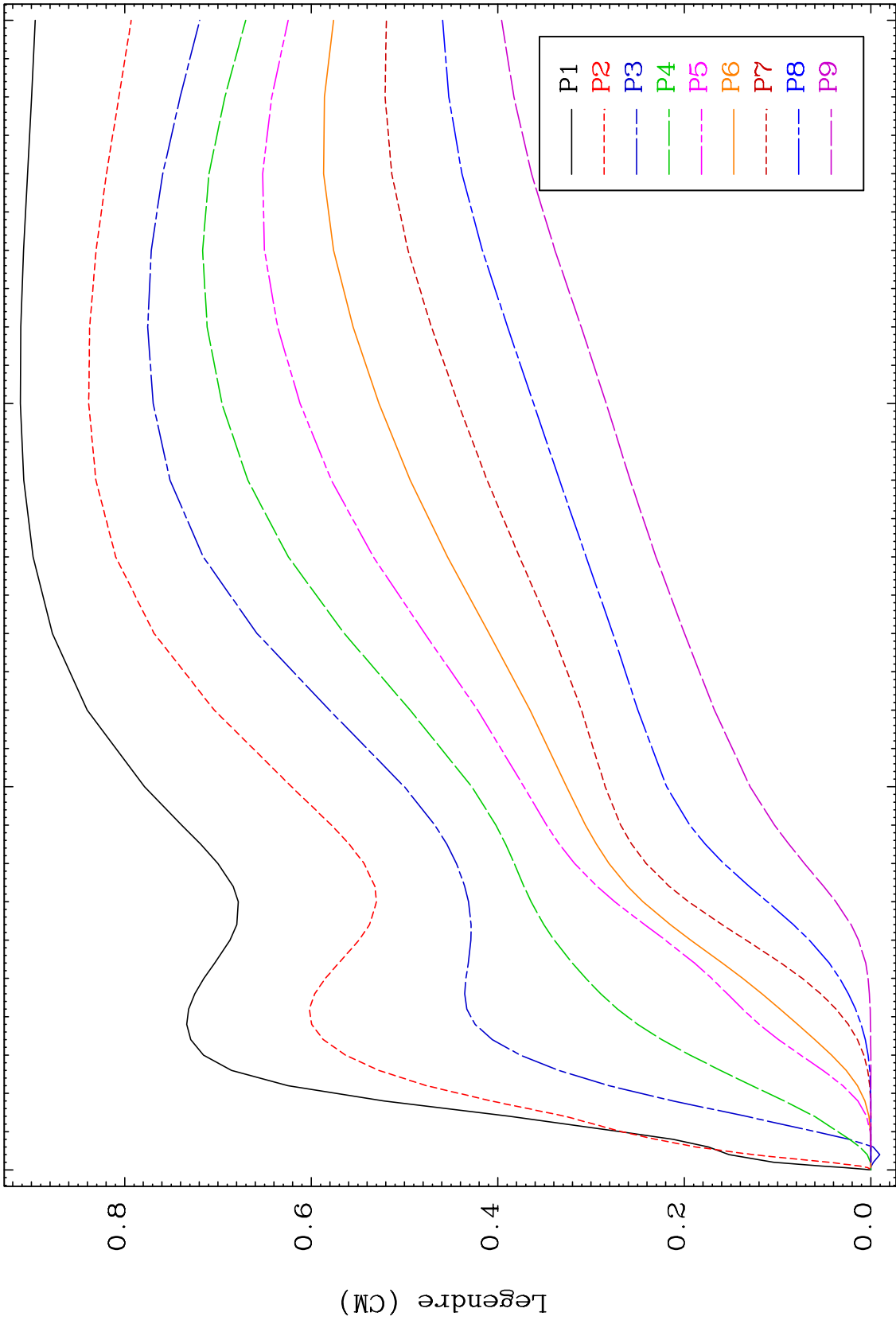
— (n,α)



MAT 6228

Elastic Legendre Coefficients

62-Sm-145



16

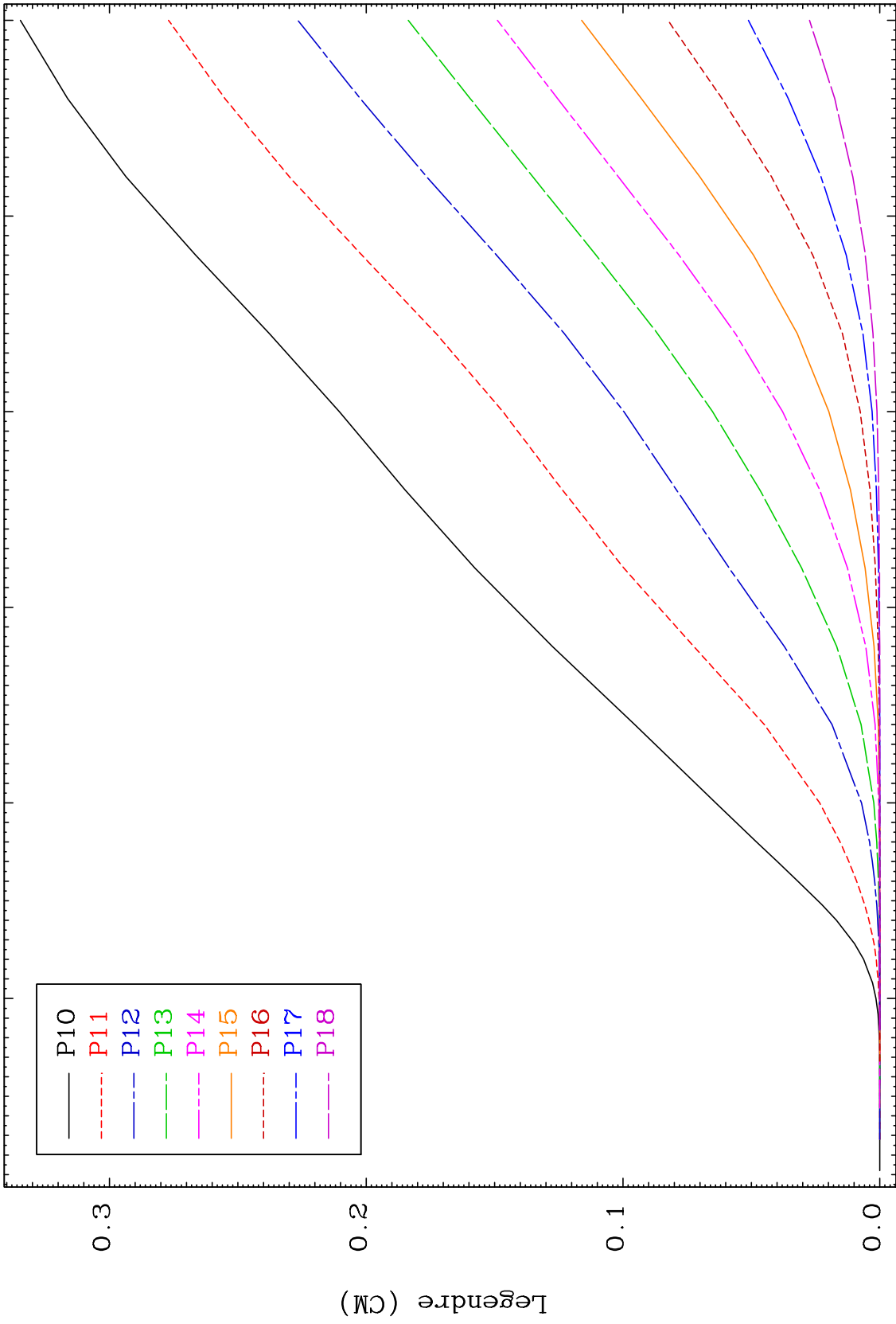
Incident Energy (MeV)

62-Sm-145

MAT 6228

Elastic Legendre Coefficients

62-Sm-145



17

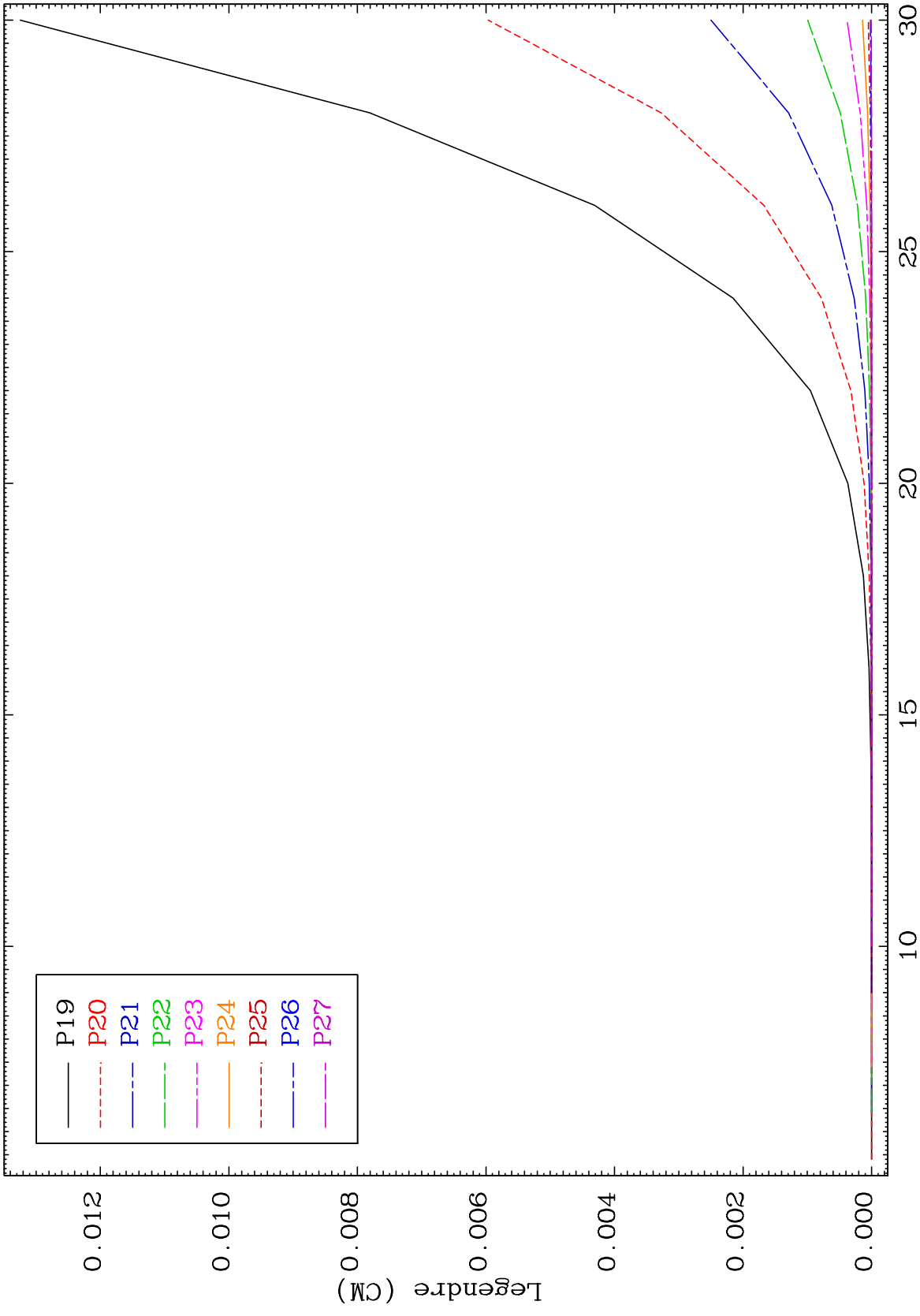
Incident Energy (MeV)

62-Sm-145

MAT 6228

Elastic Legendre Coefficients

62-Sm-145



18

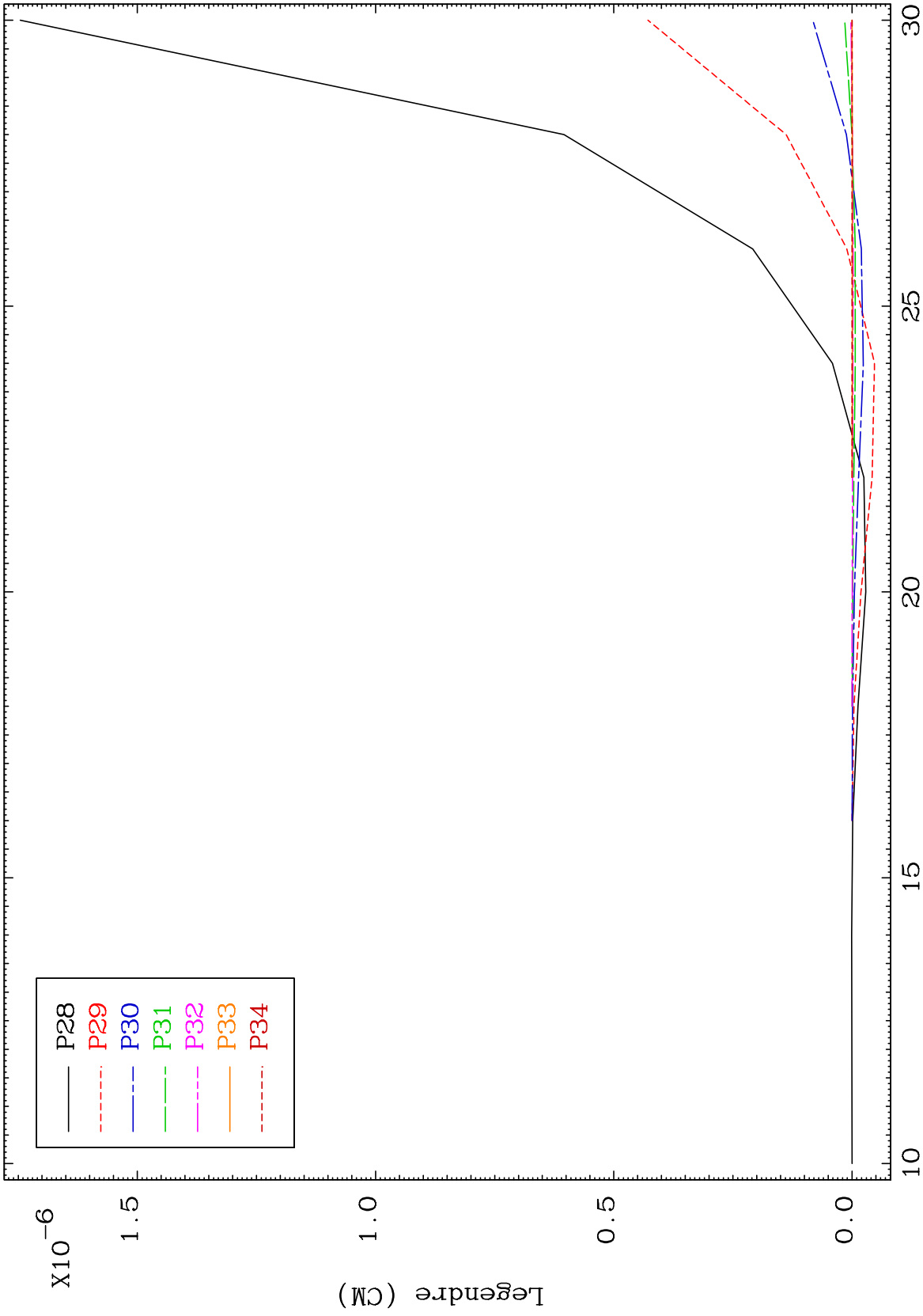
Incident Energy (MeV)

62-Sm-145

MAT 6228

Elastic Legendre Coefficients

62-Sm-145



19

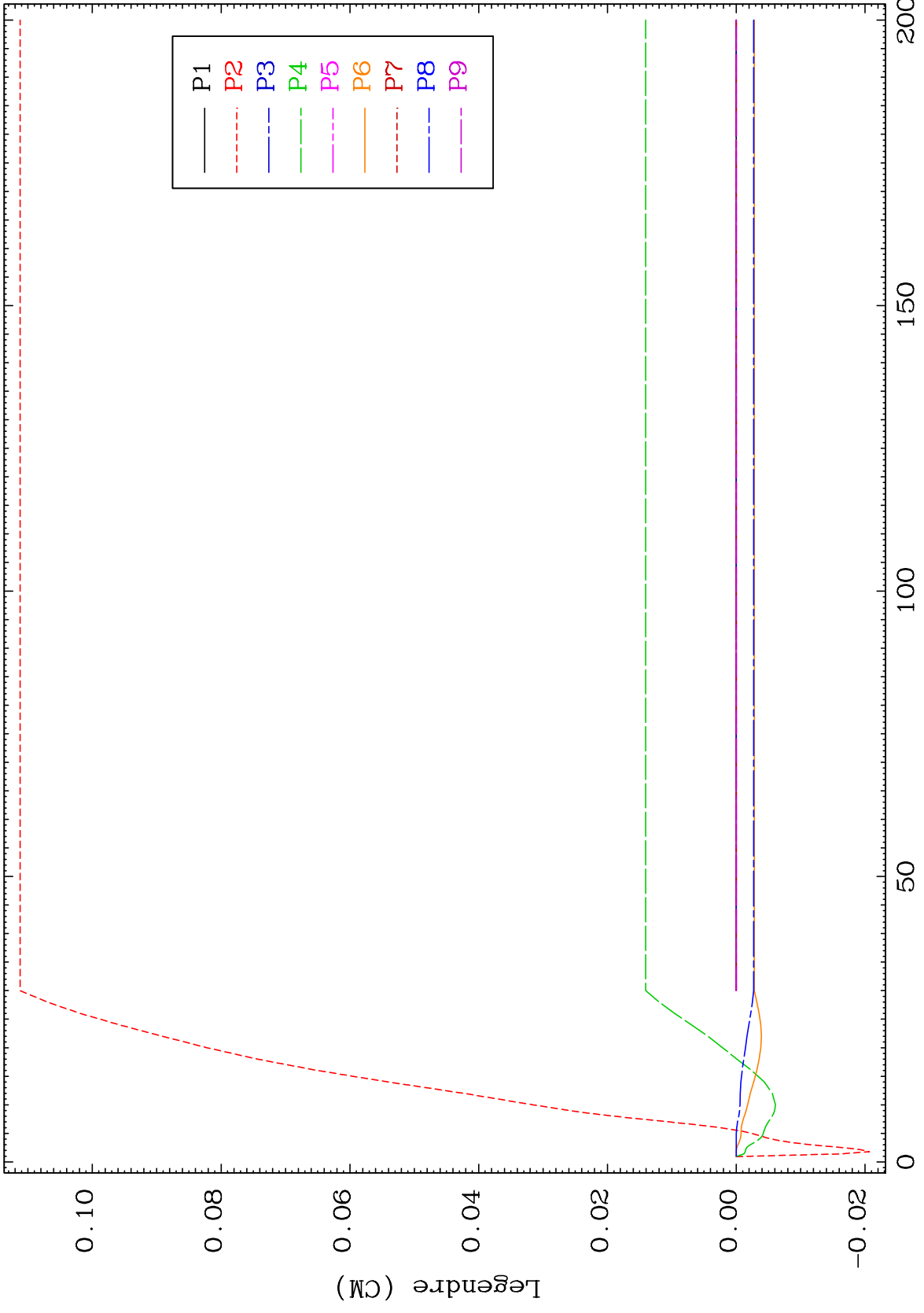
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

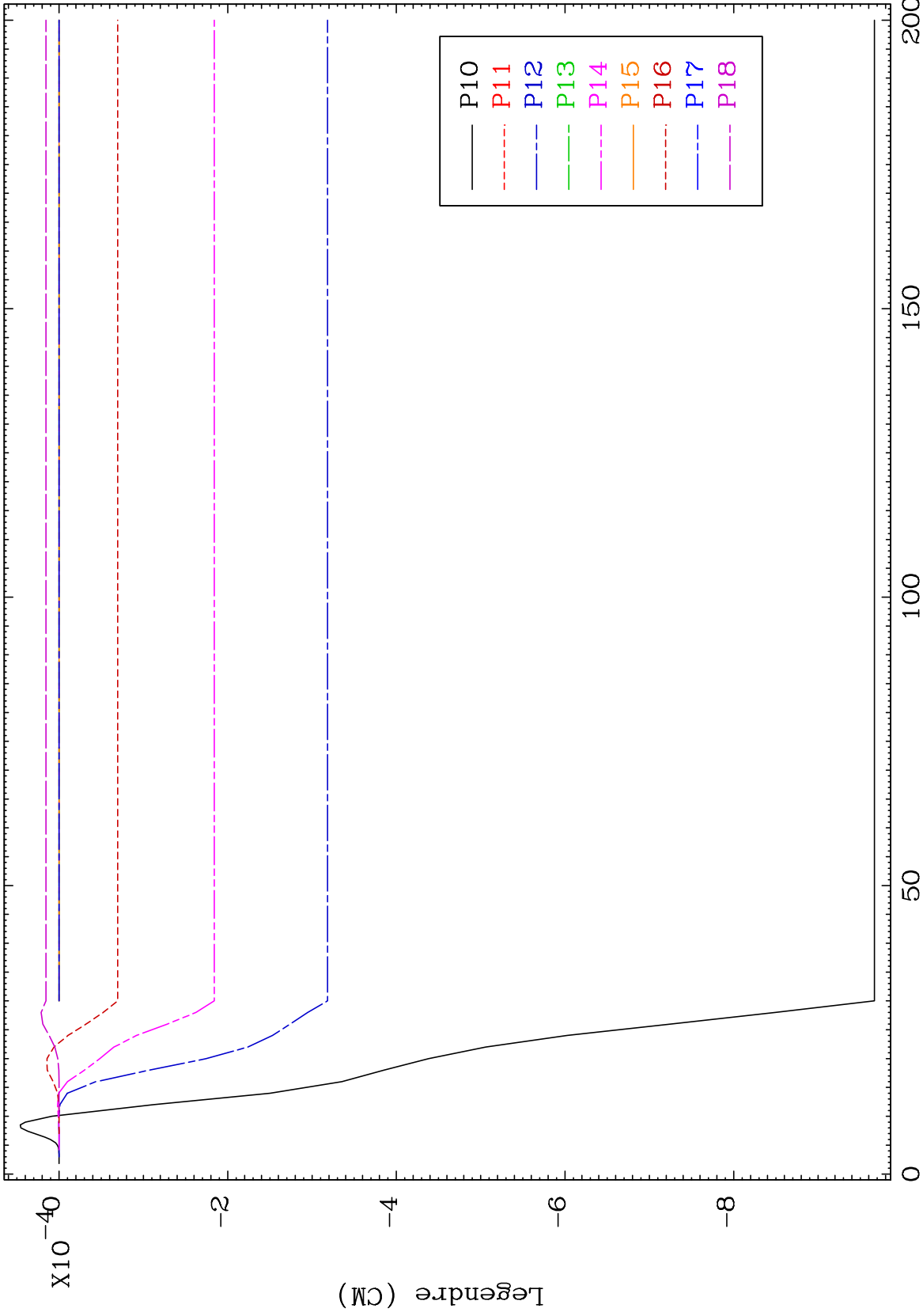
Incident Energy (MeV)

20

MAT 6228

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

62-Sm-145

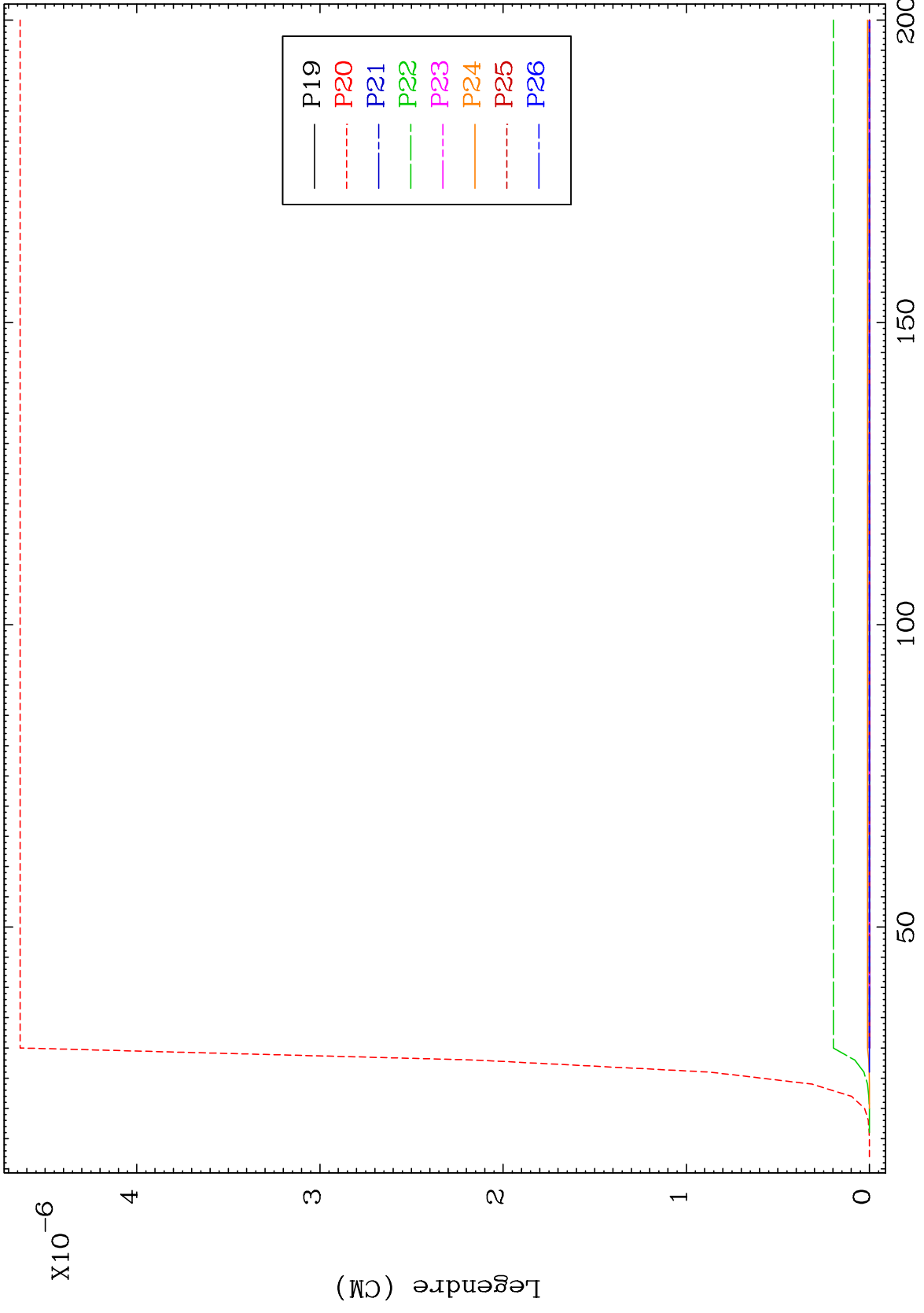


21

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-145

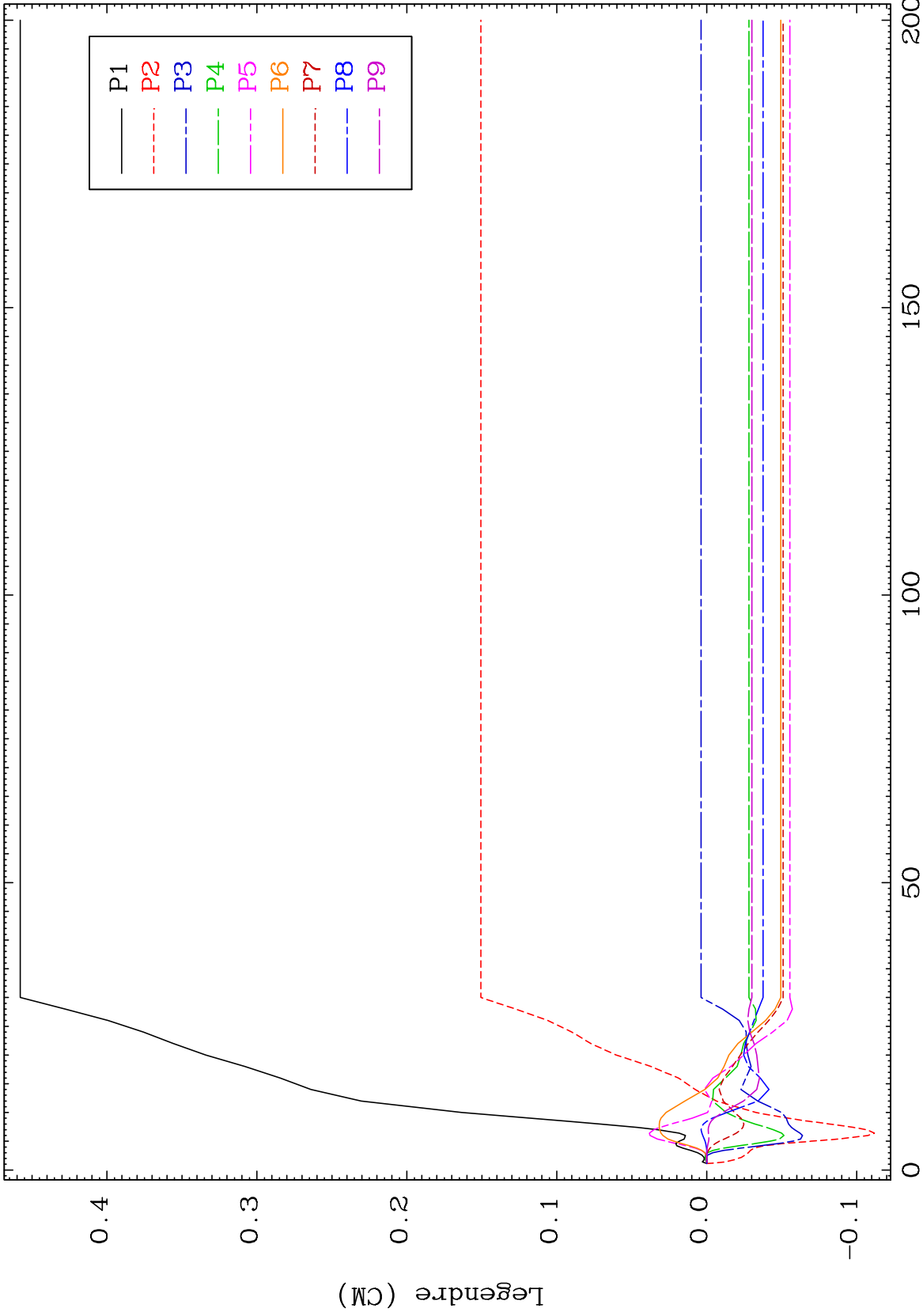


22 Incident Energy (MeV) 62-Sm-145

MAT 6228

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

62-Sm-145



23

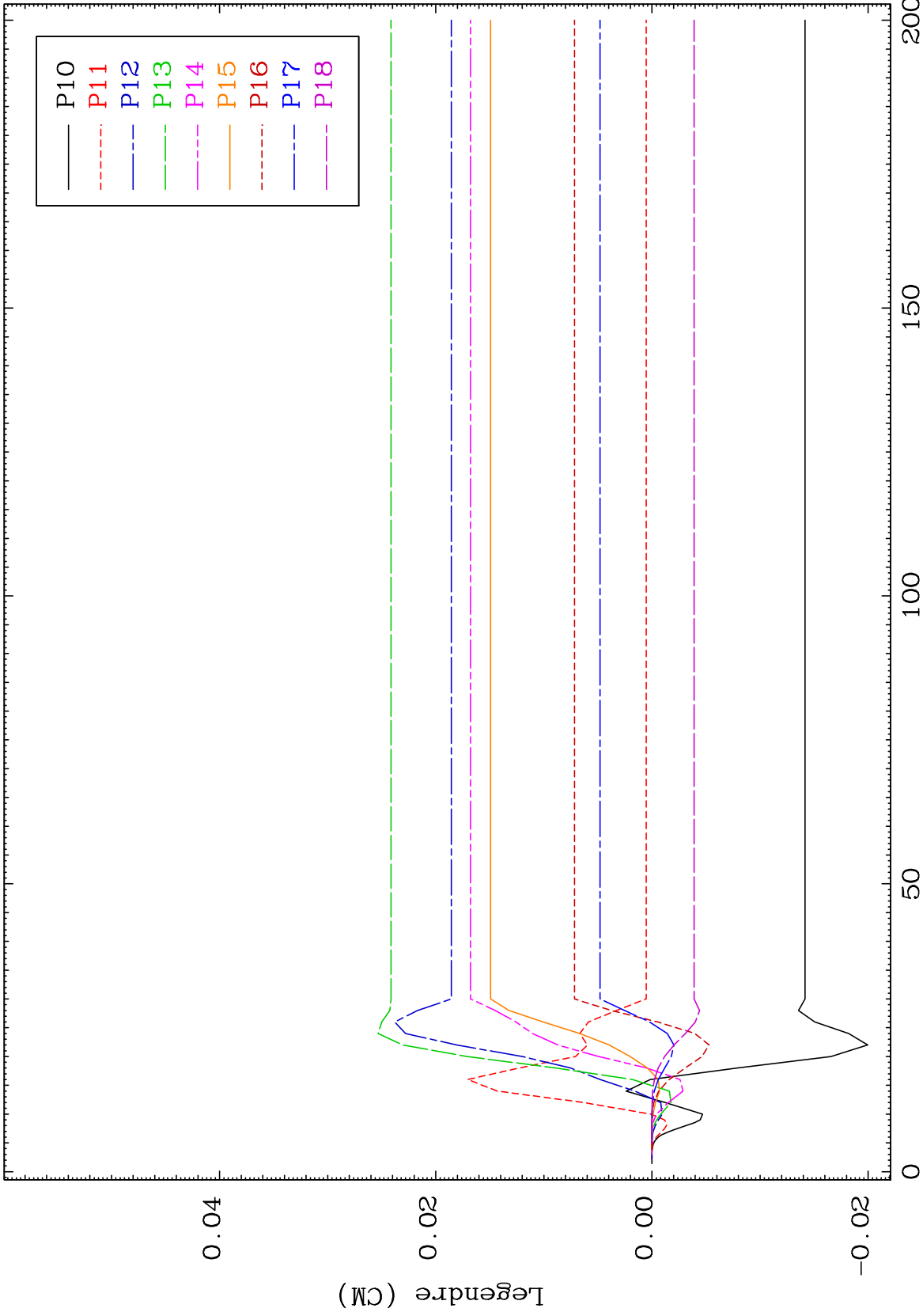
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



24

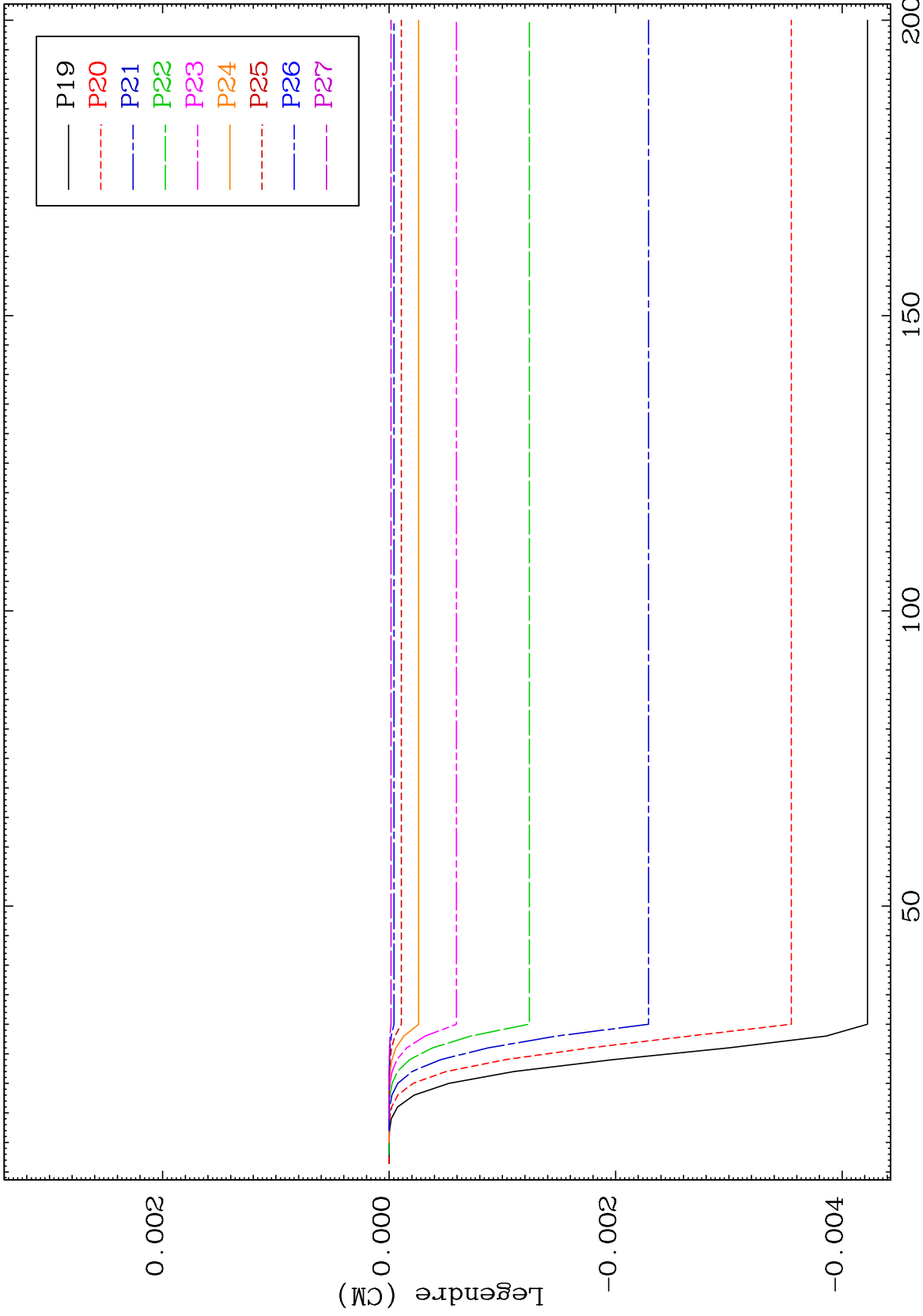
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



25

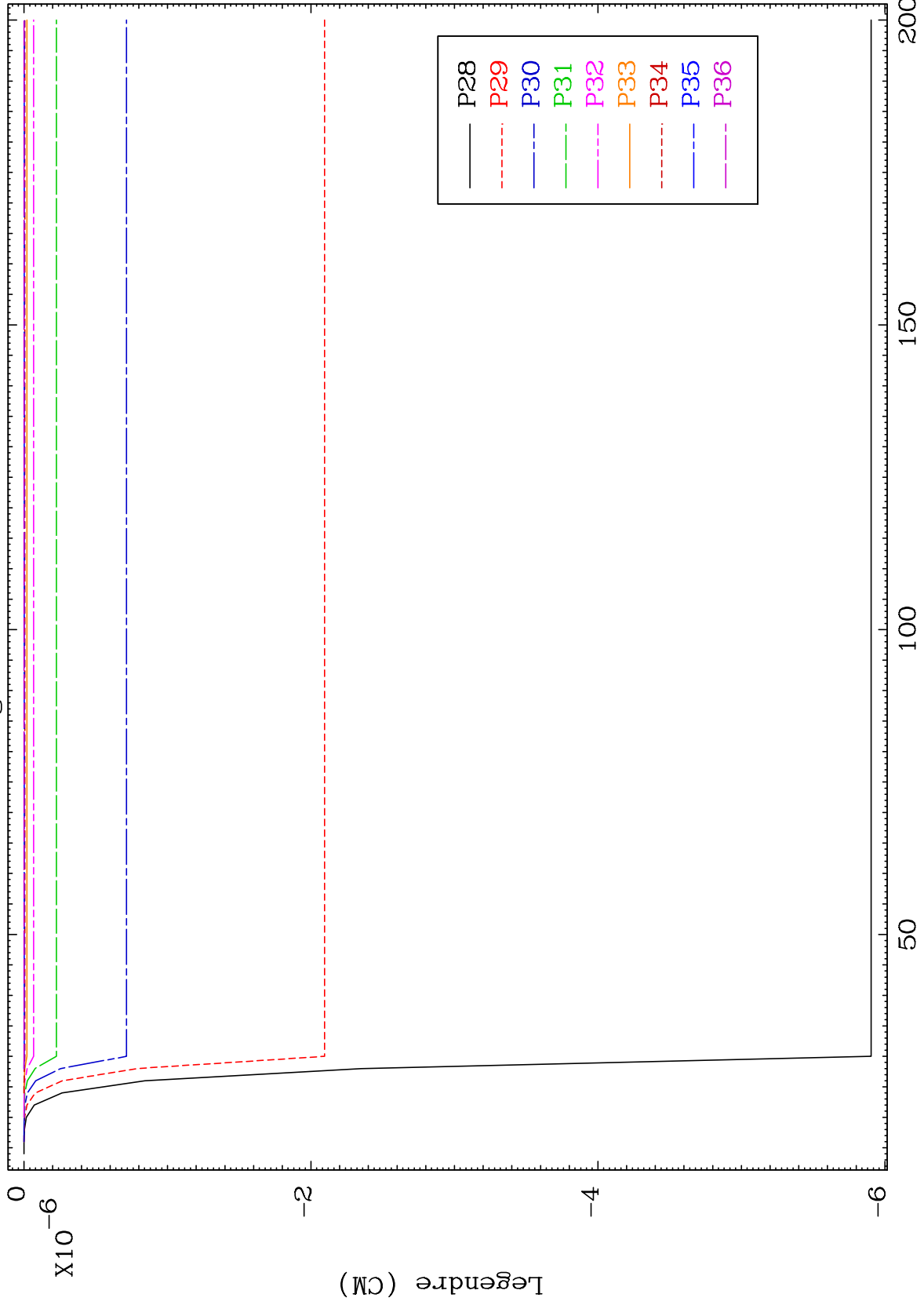
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



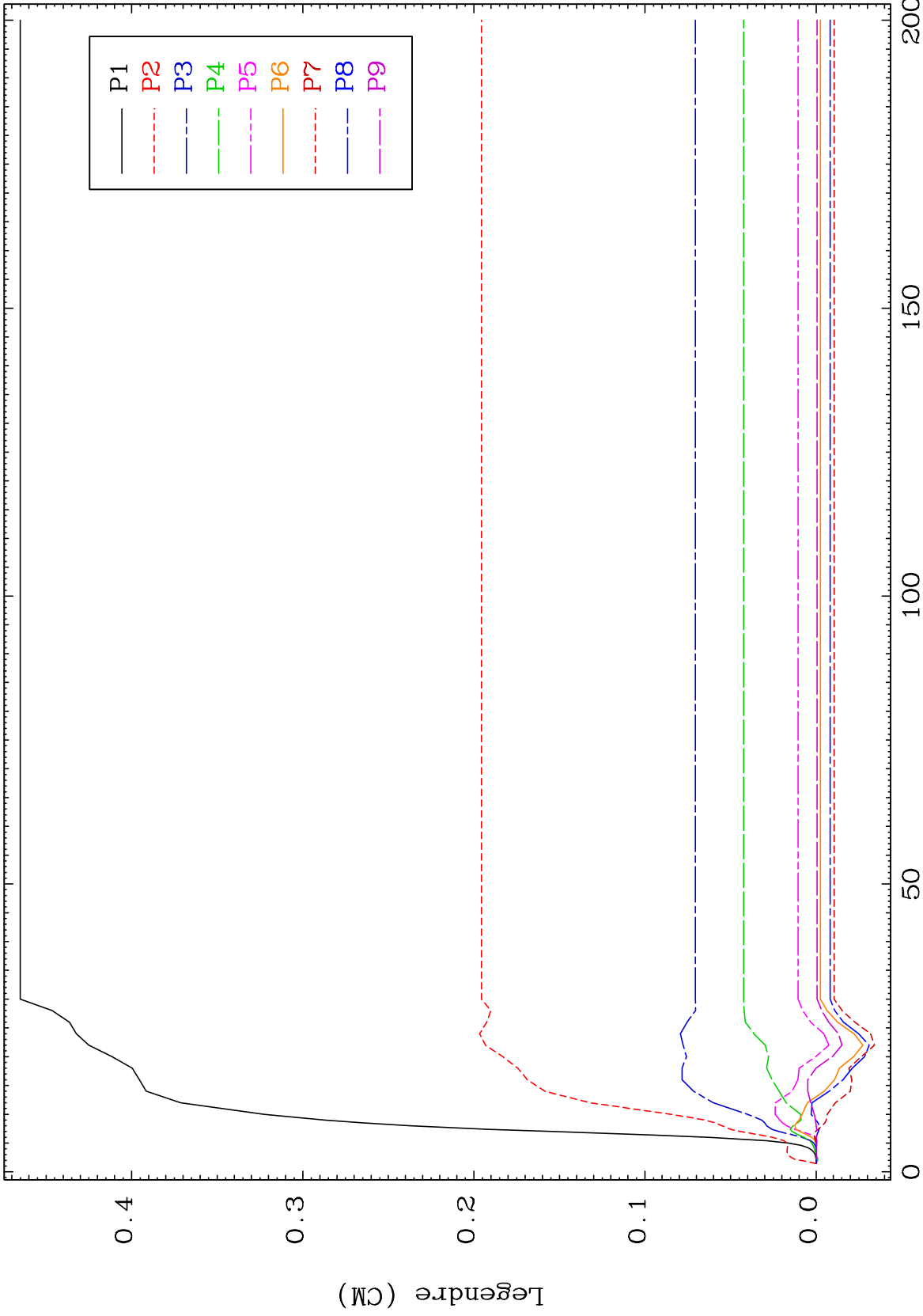
26

62-Sm-145

MAT 6228

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

62-Sm-145



27

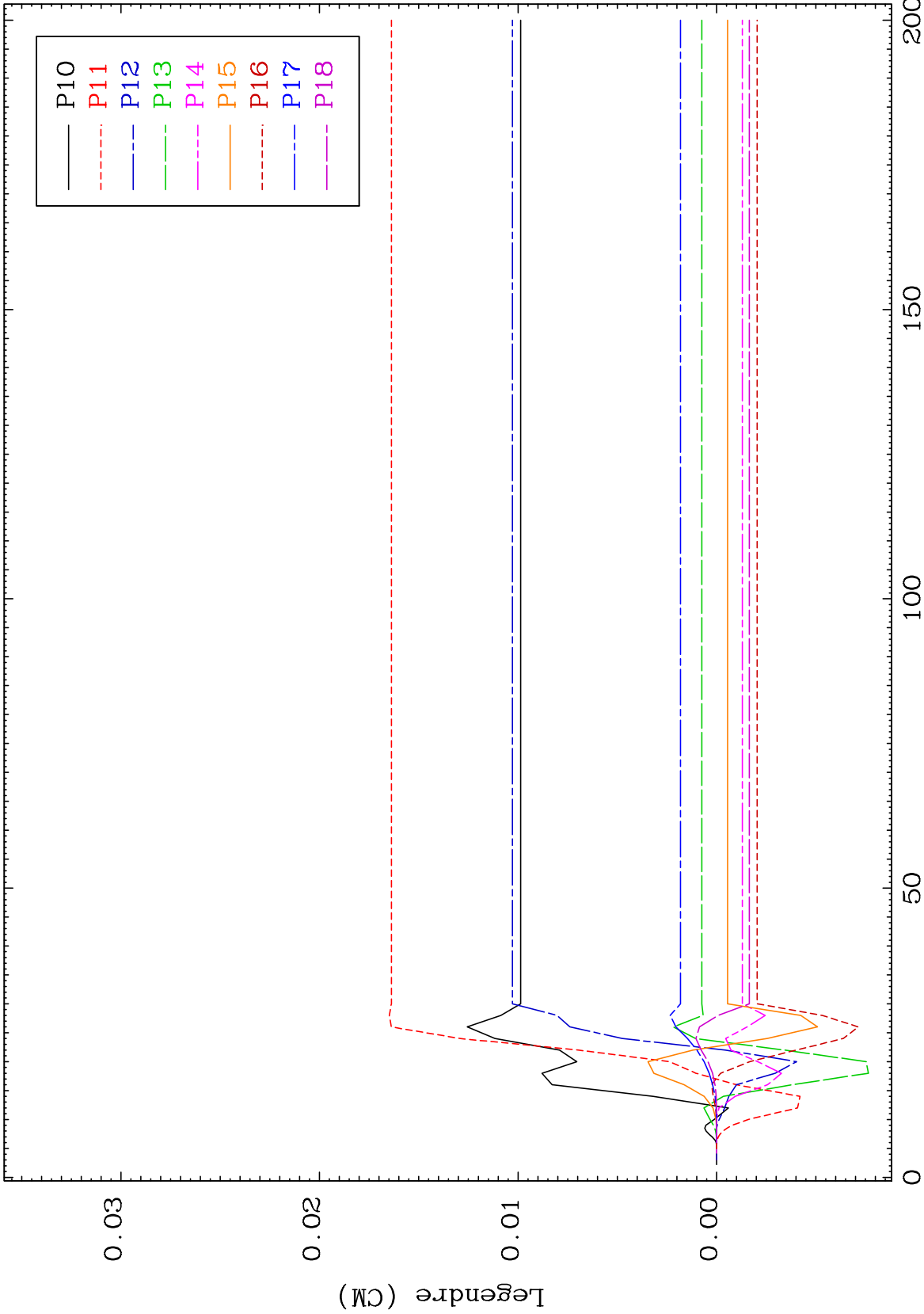
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



28

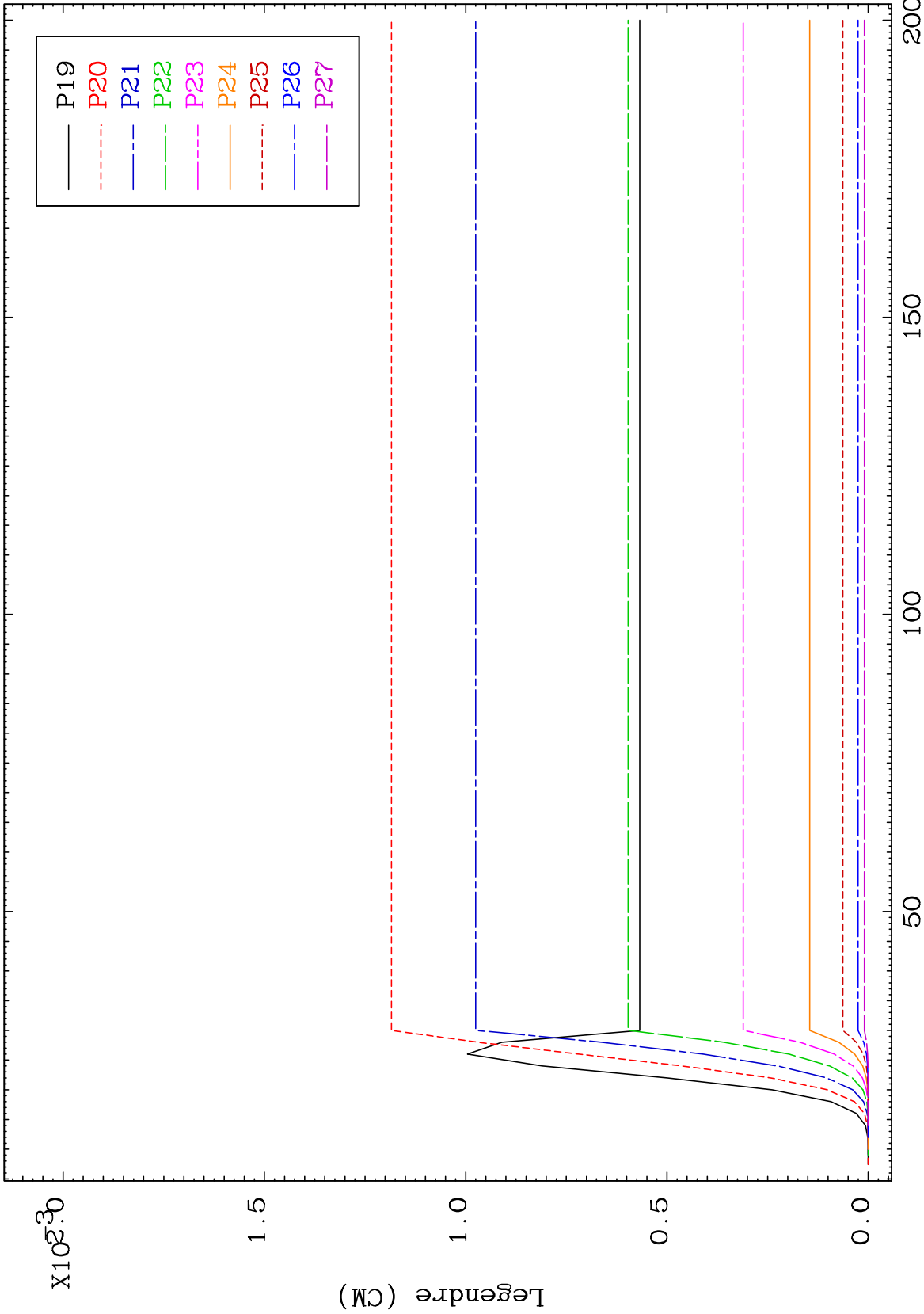
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



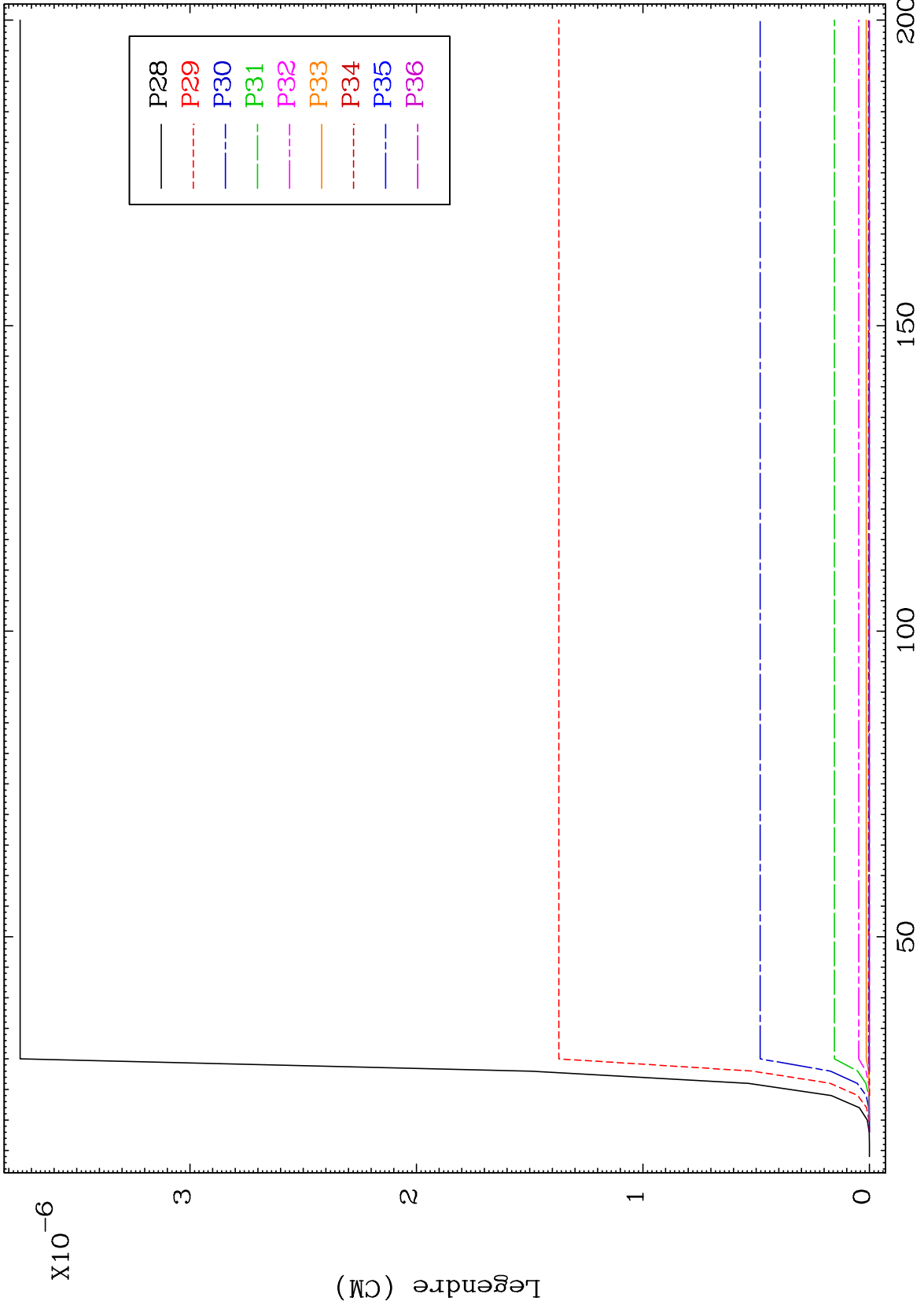
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62-Sm-145

MAT 6228

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

62-Sm-145



30

50

100

150

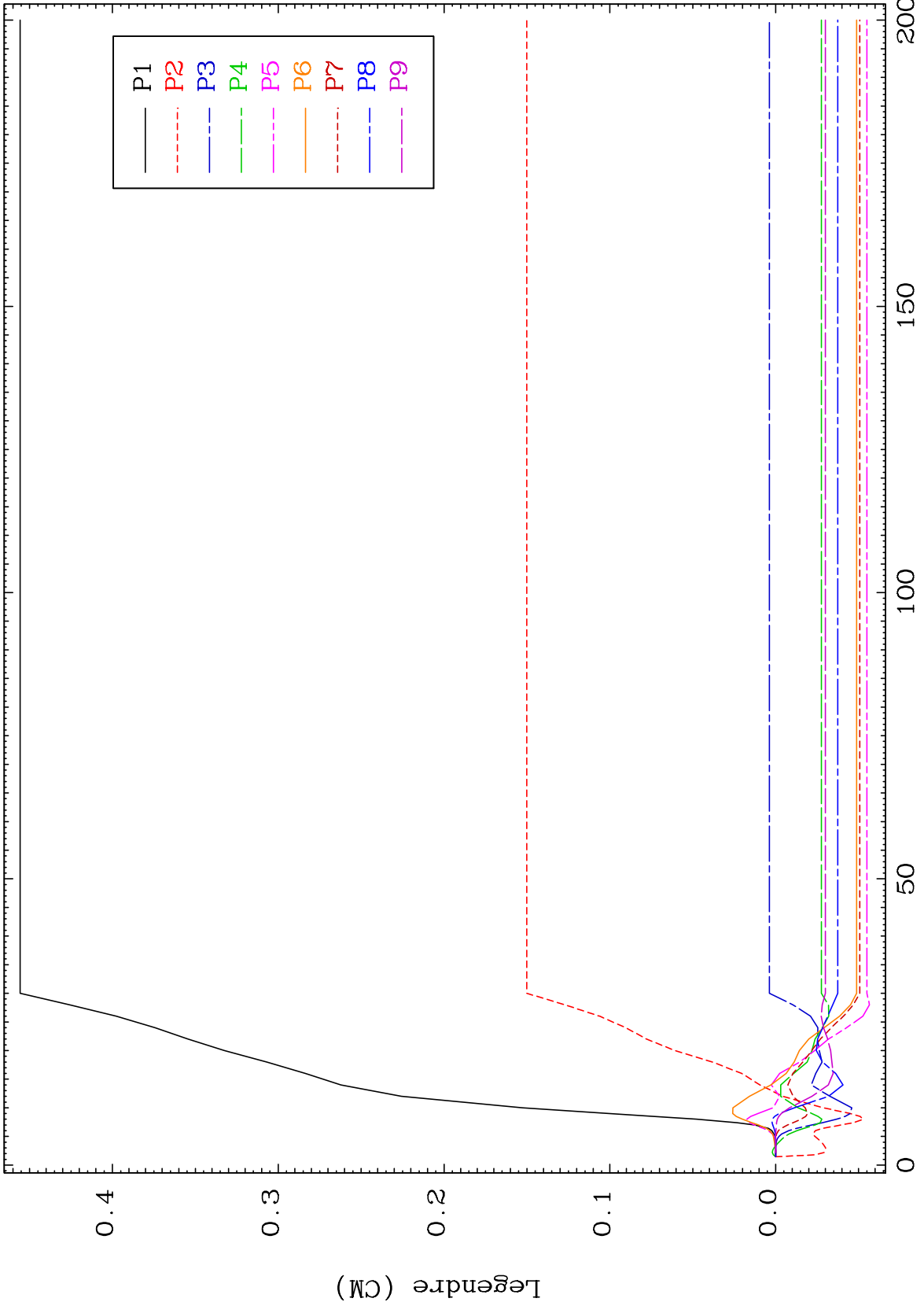
200

62-Sm-145

MAT 6228

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

62-Sm-145



31

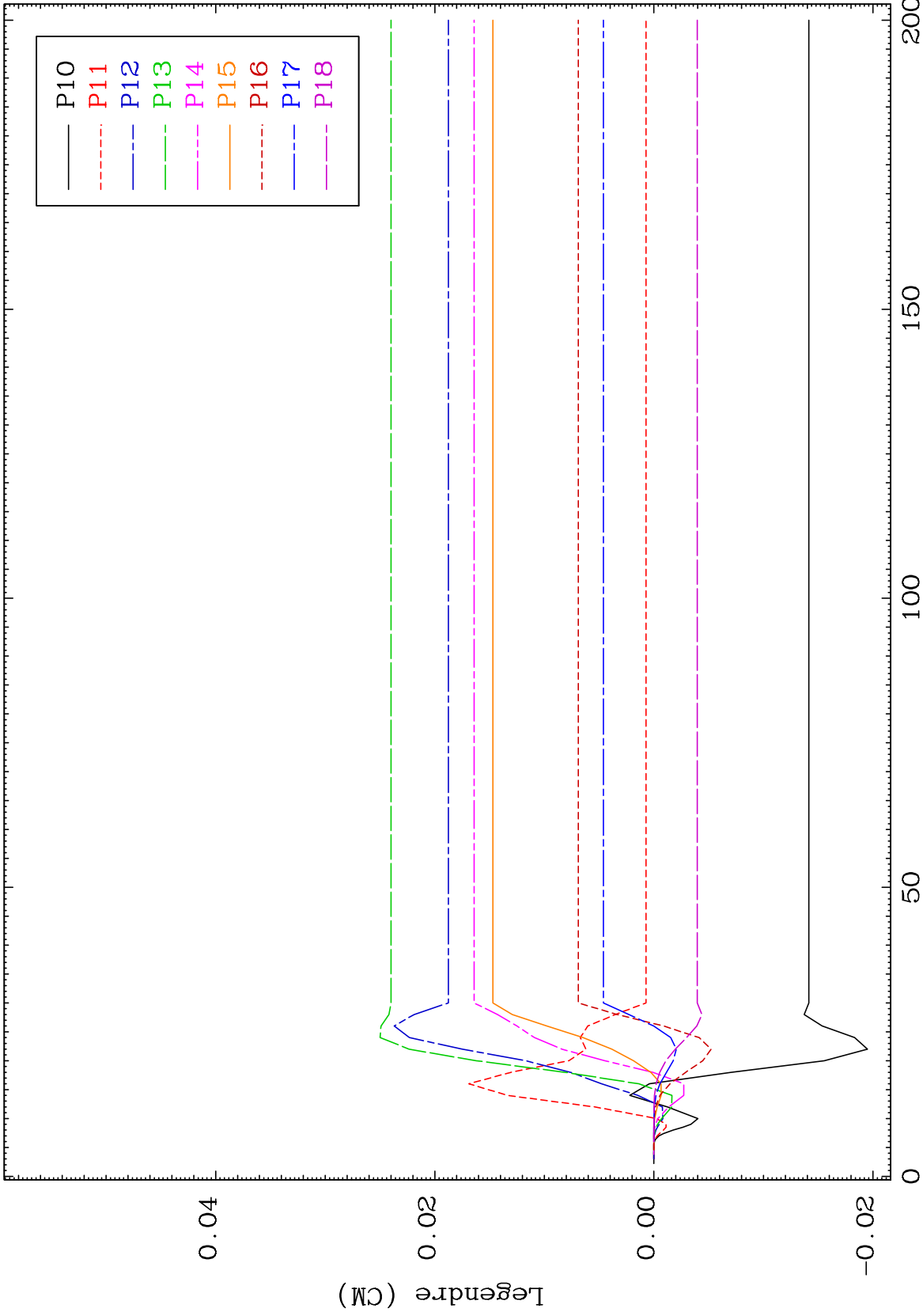
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



32

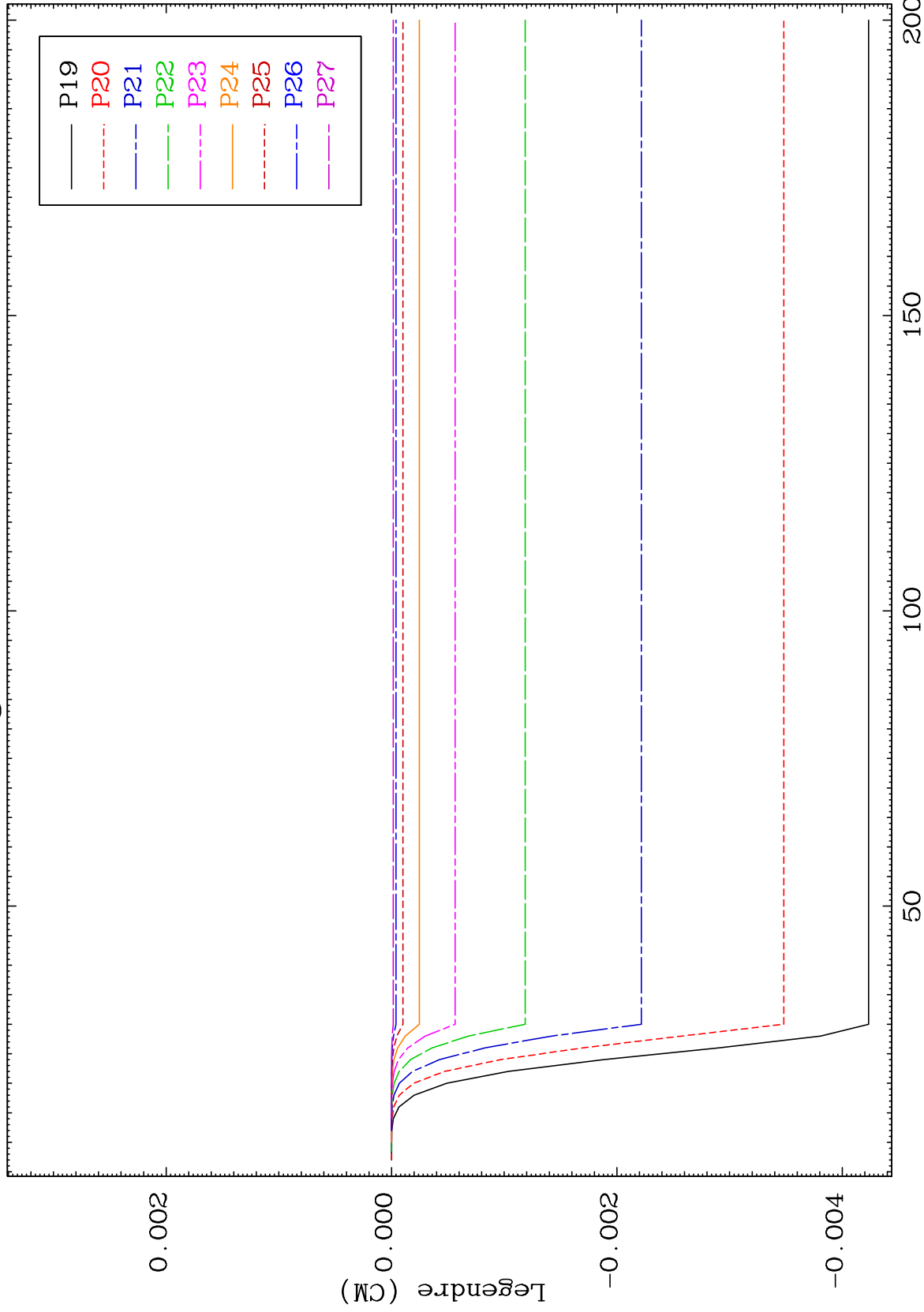
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



33

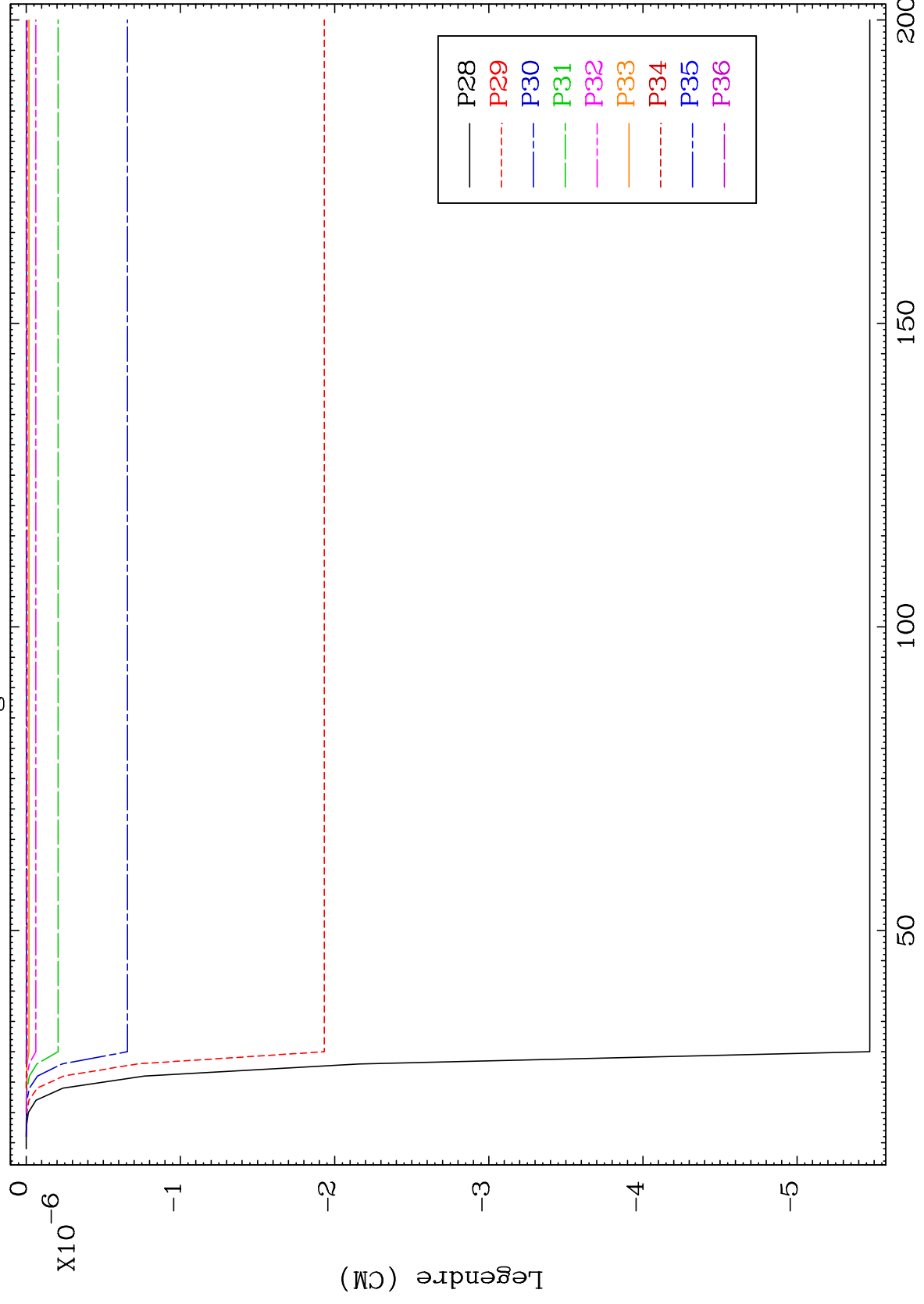
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

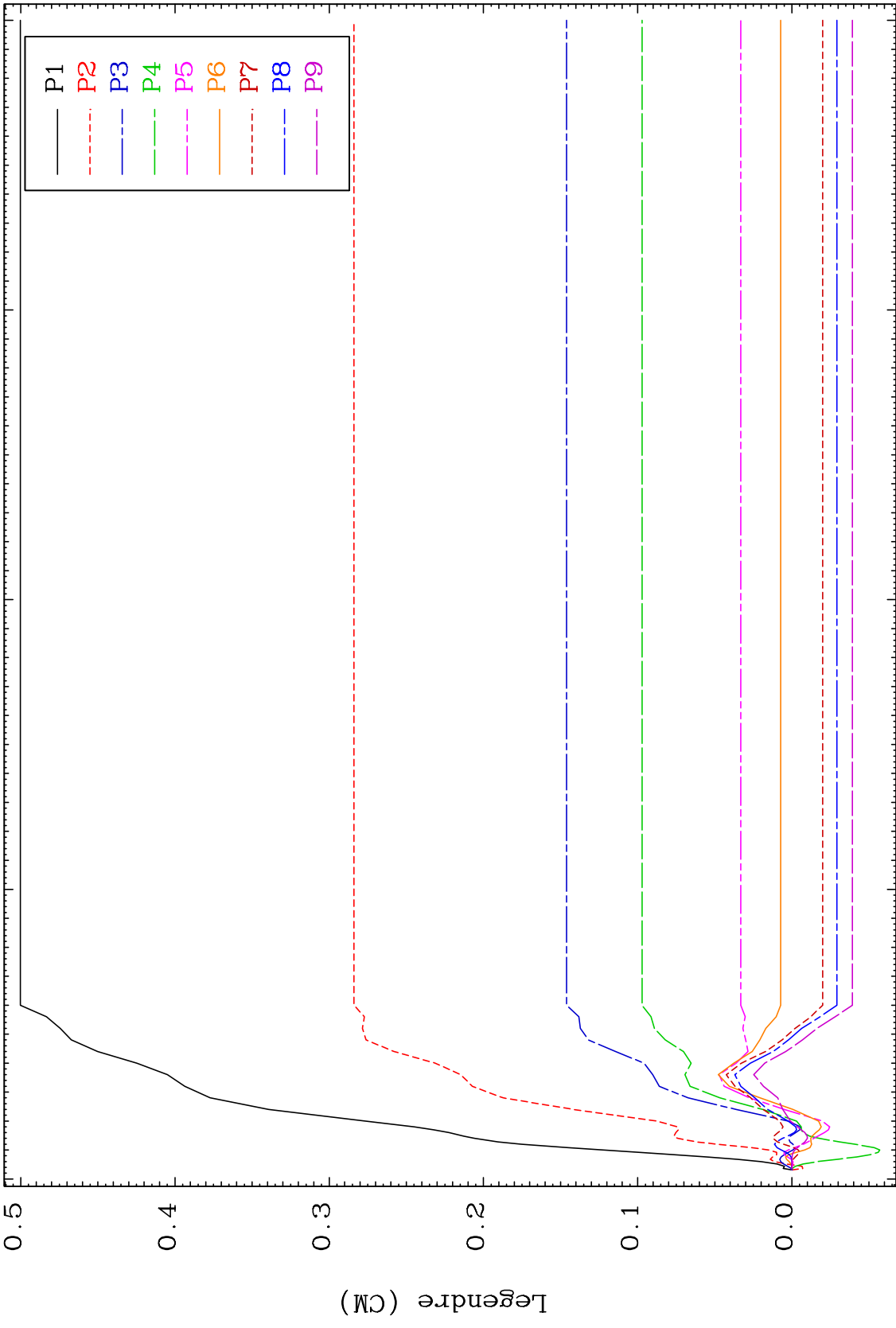


34

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 55 (n,n') Level Legendre Coefficients 62-Sm-145

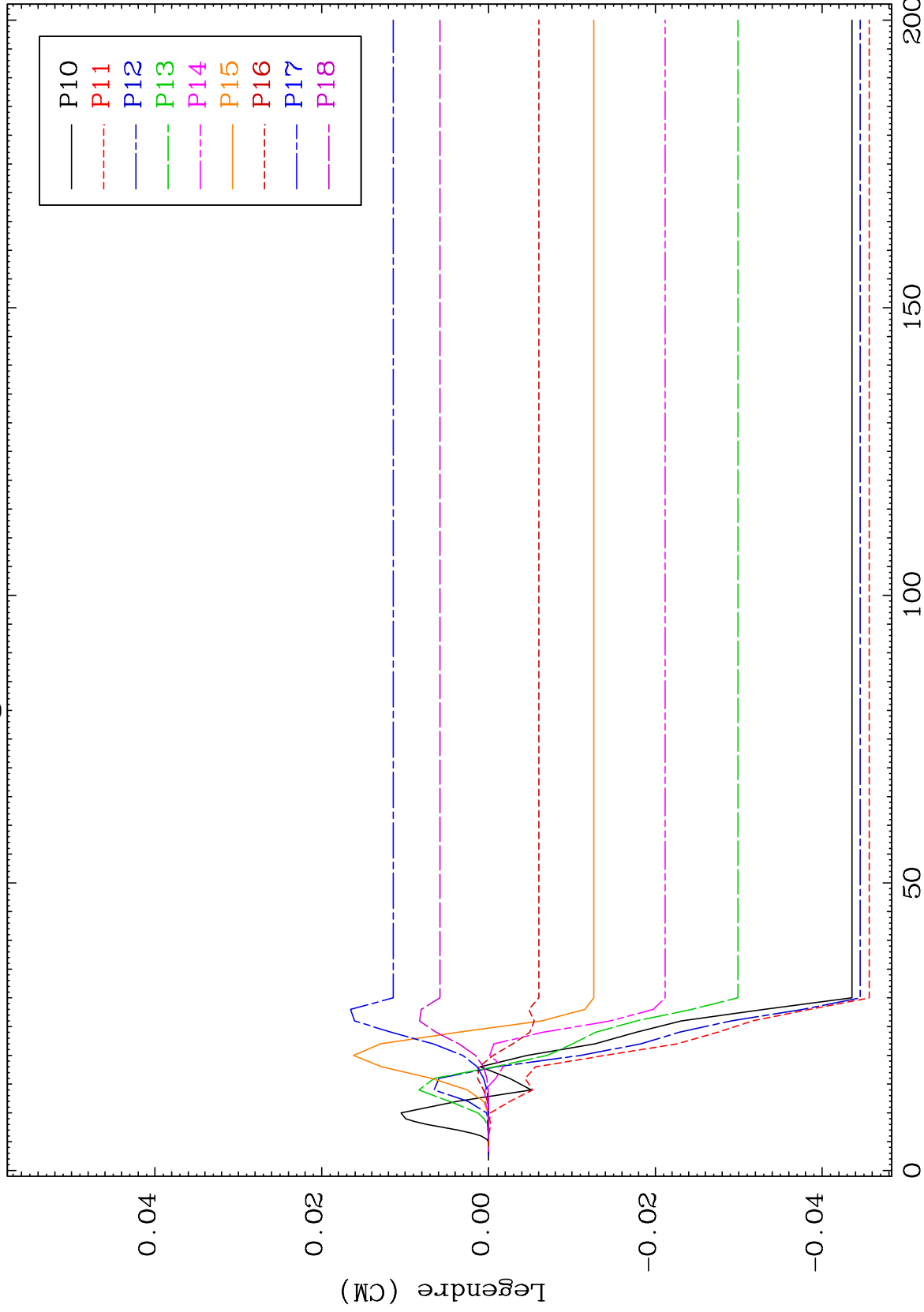


35 Incident Energy (MeV) 62-Sm-145

MAT 6228

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

62-Sm-145



36

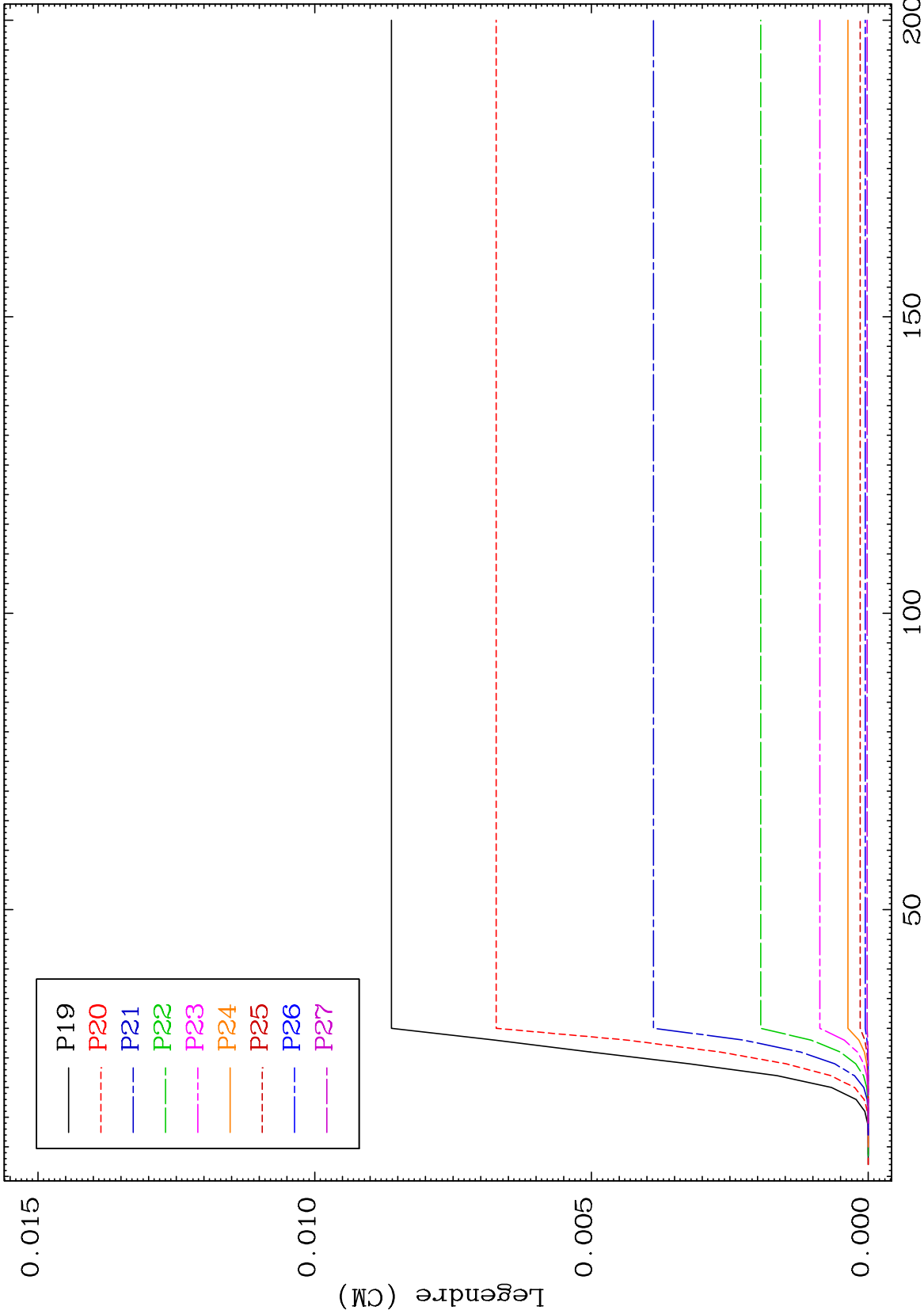
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



37

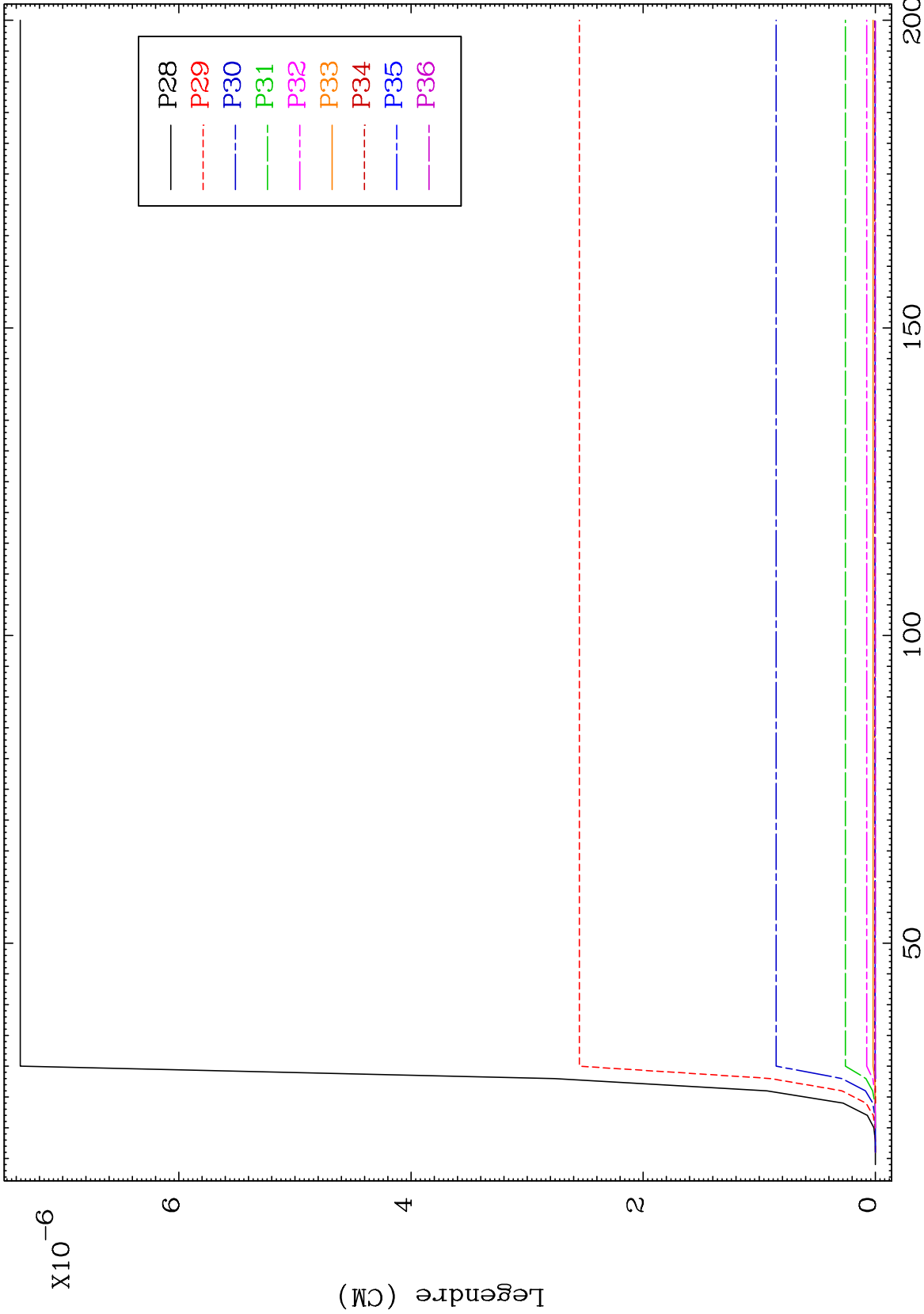
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



38

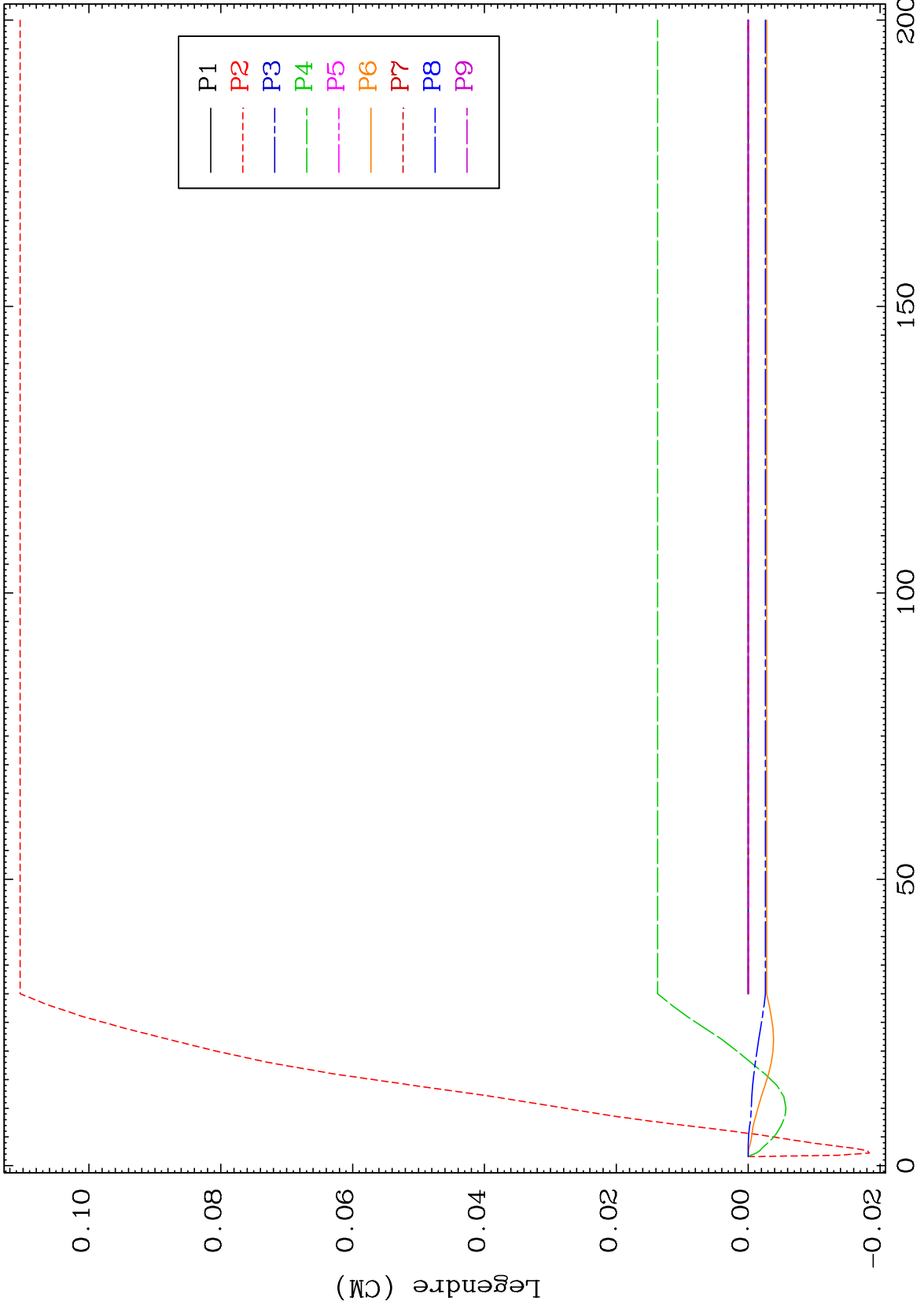
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



39

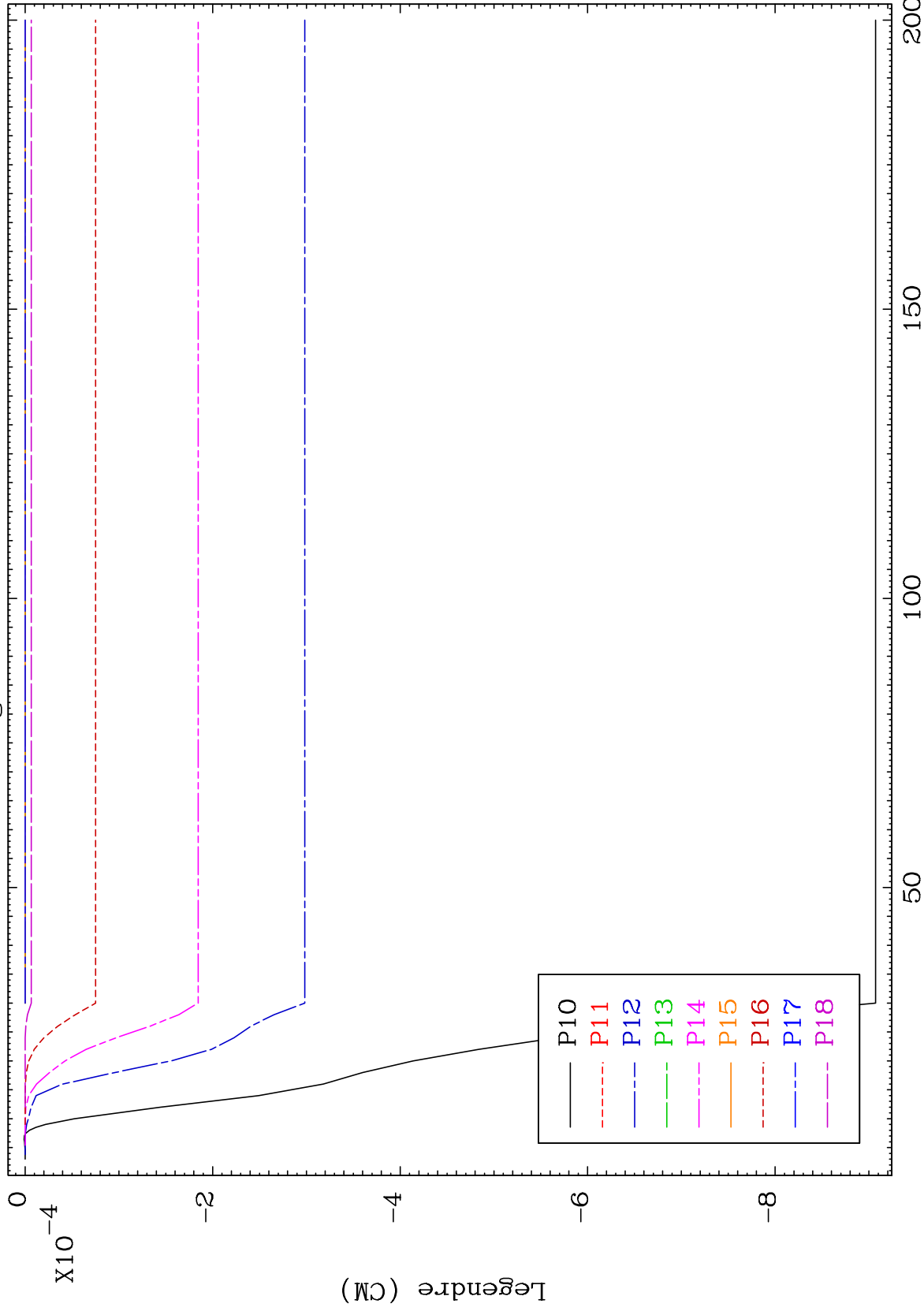
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

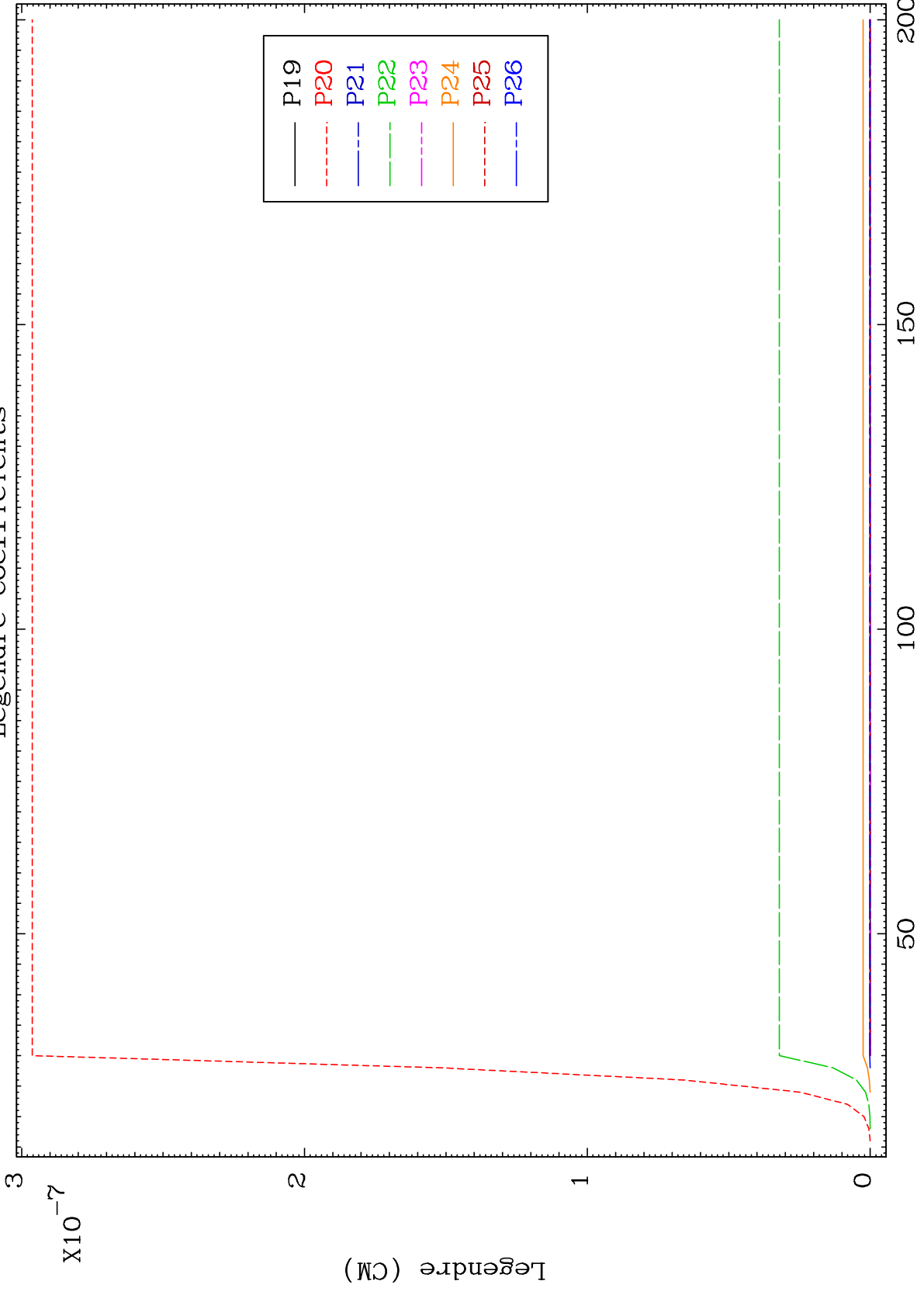


62-Sm-145

Incident Energy (MeV)

40

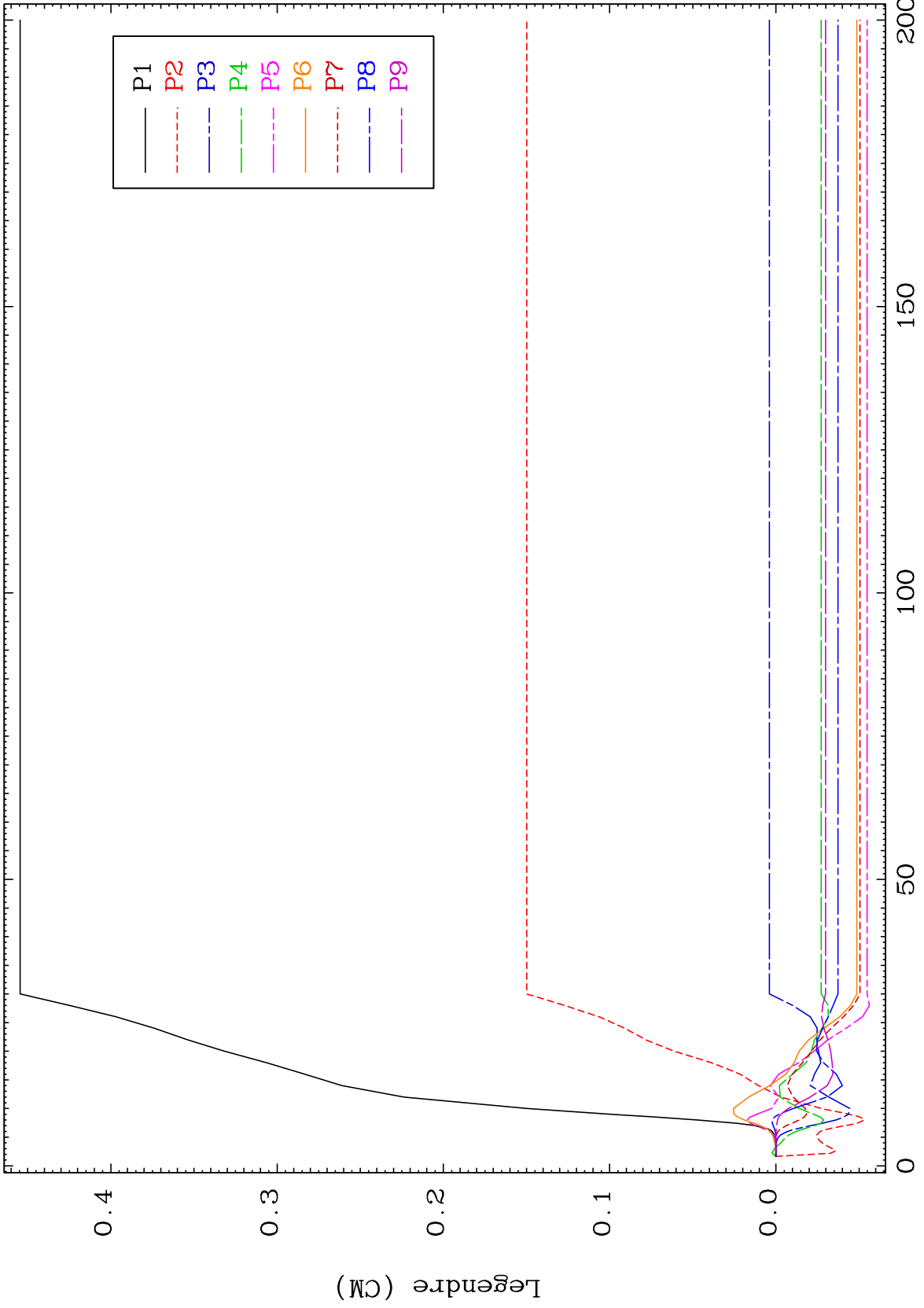
MAT 6228 MT= 56 (n,n') Level Legendre Coefficients 62-Sm-145



MAT 6228

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

62-Sm-145



42

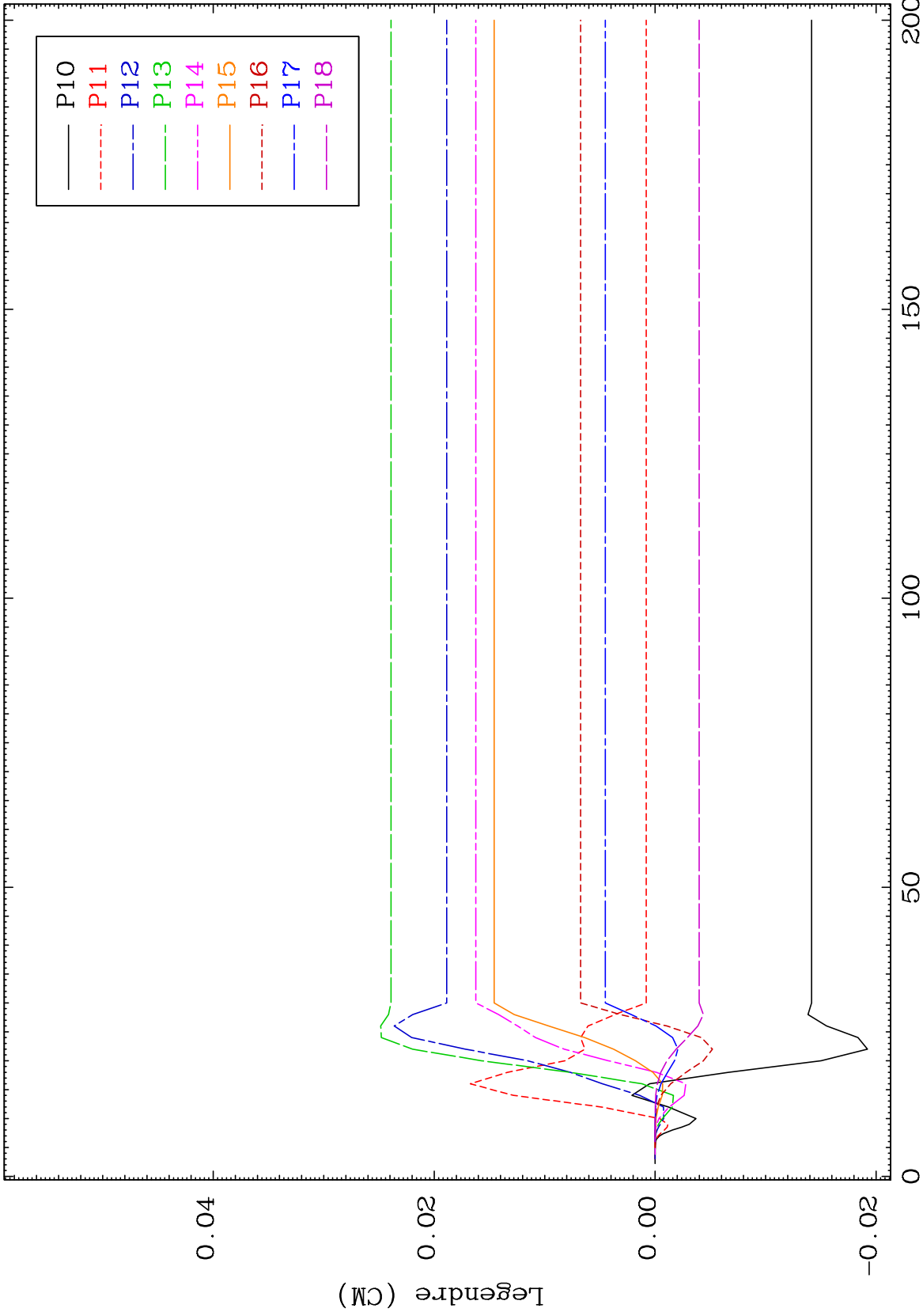
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



43

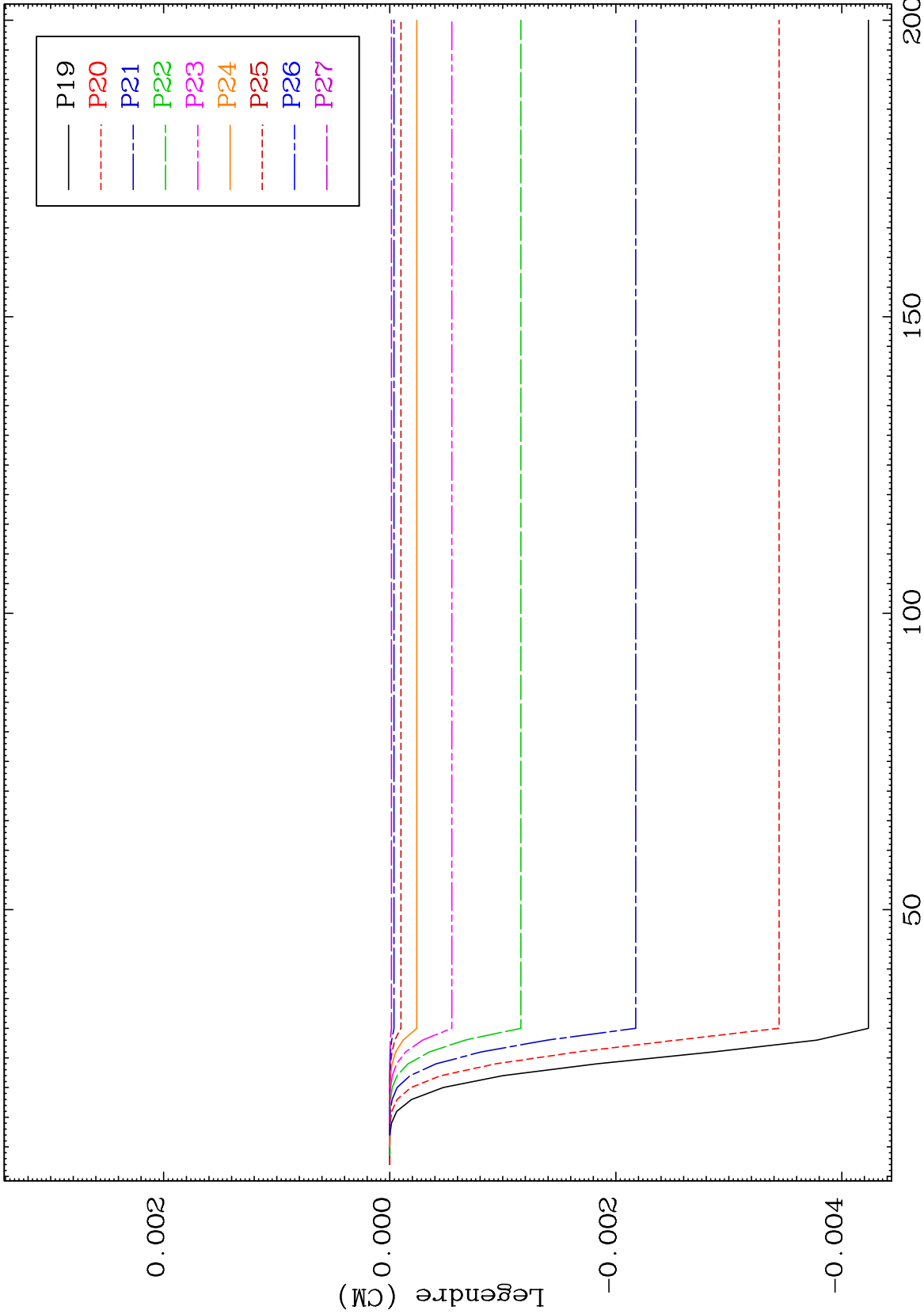
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



44

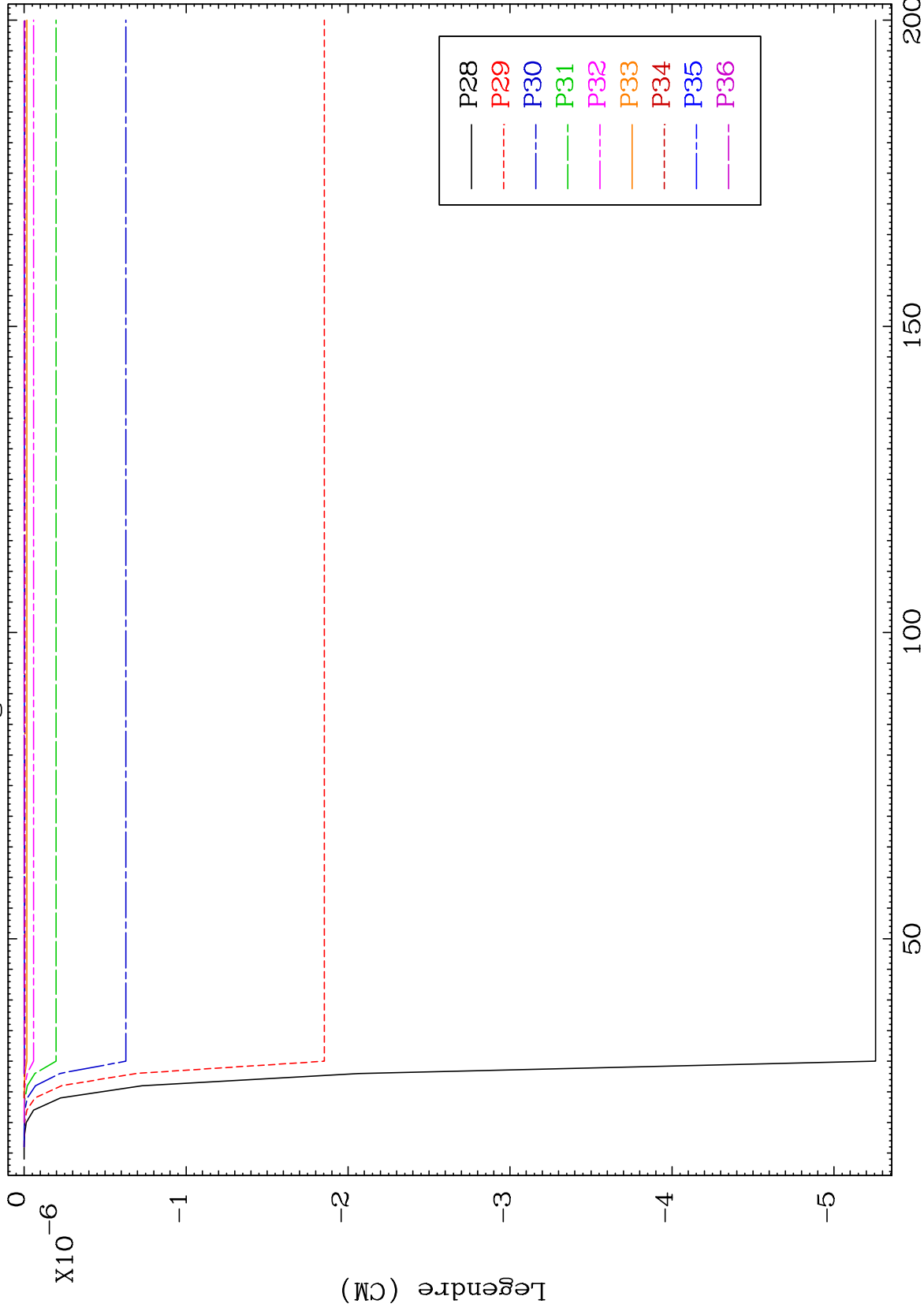
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

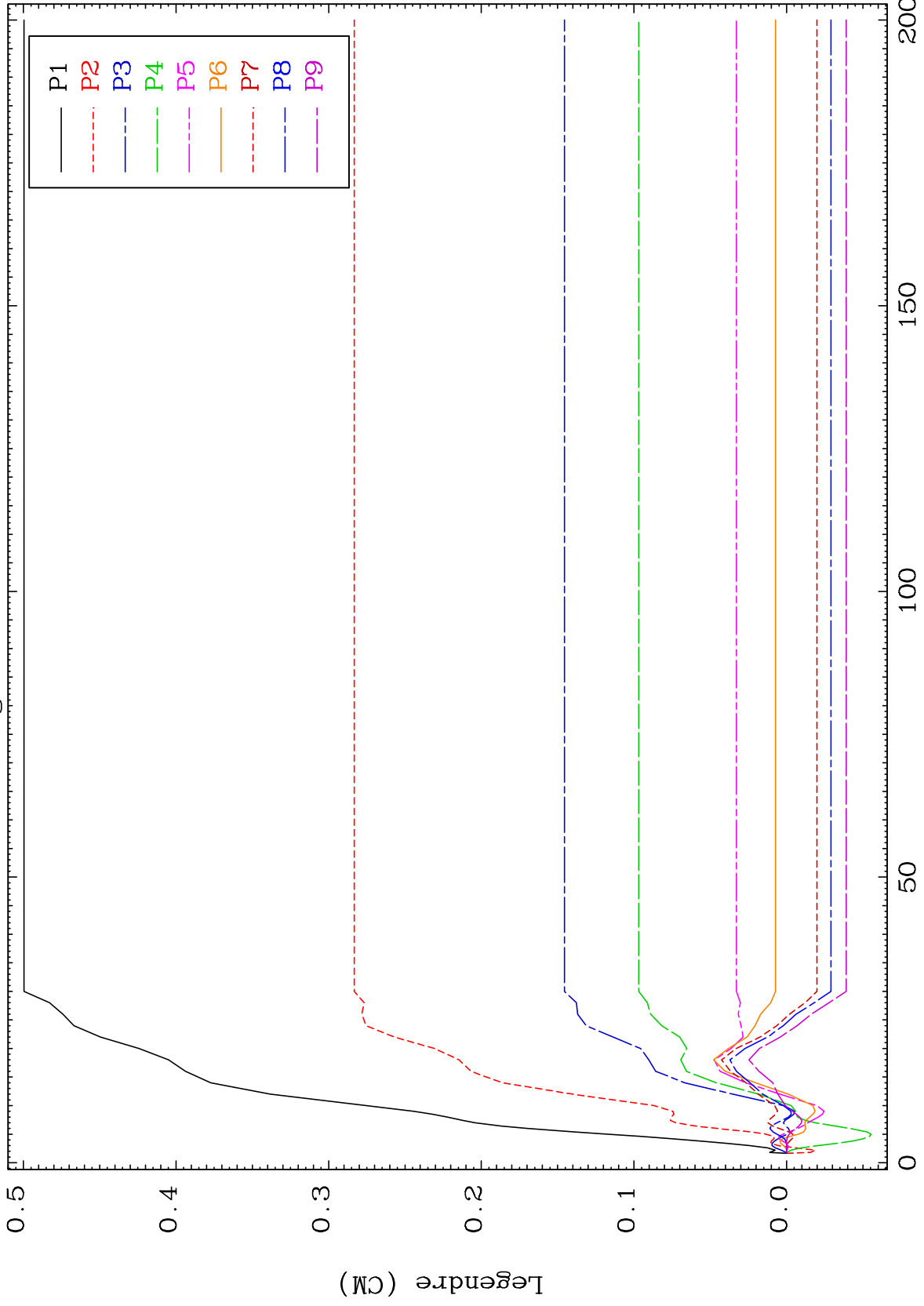
Incident Energy (MeV)

45

MAT 6228

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

62-Sm-145



62-Sm-145

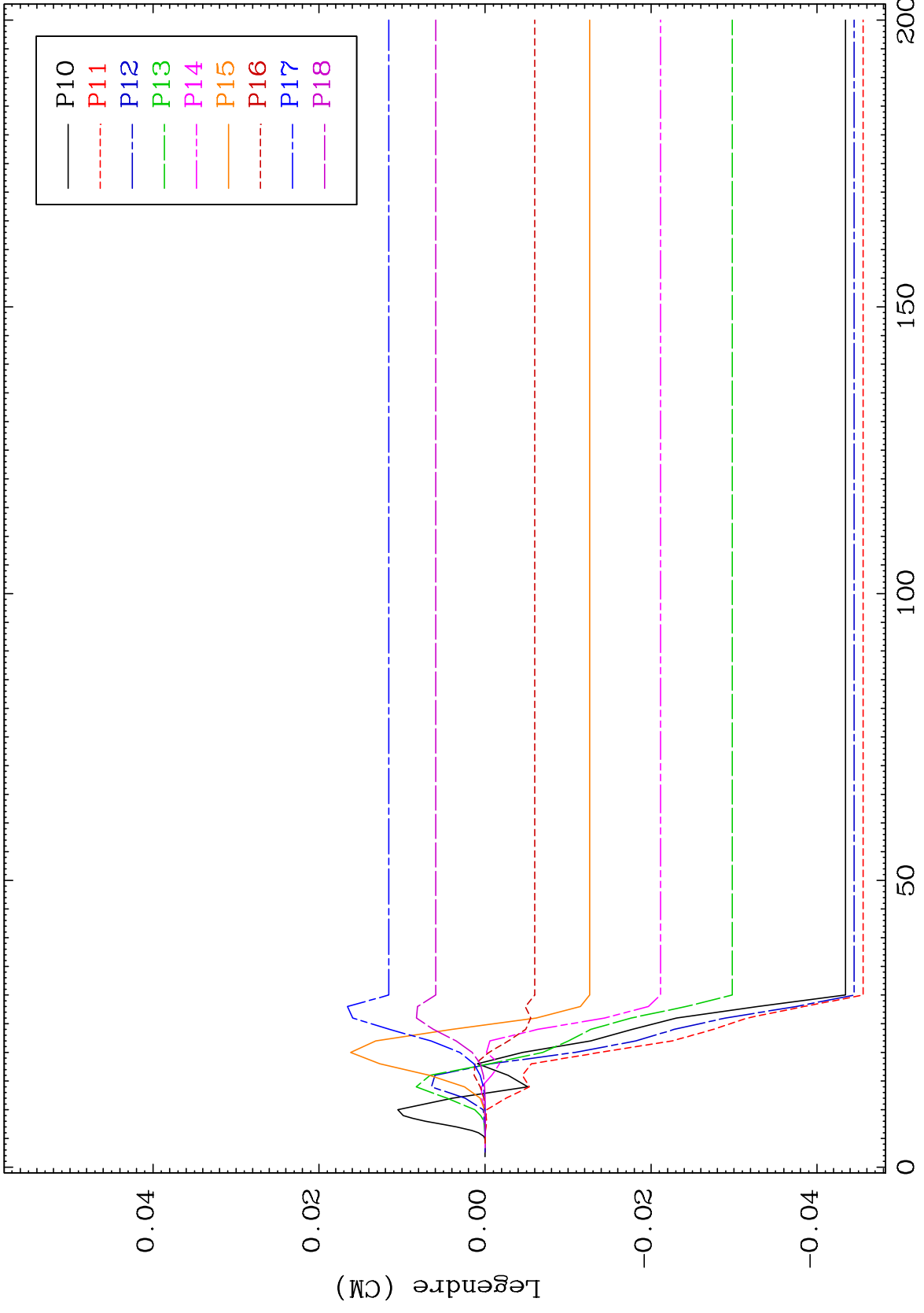
Incident Energy (MeV)

46

MAT 6228

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

62-Sm-145



47

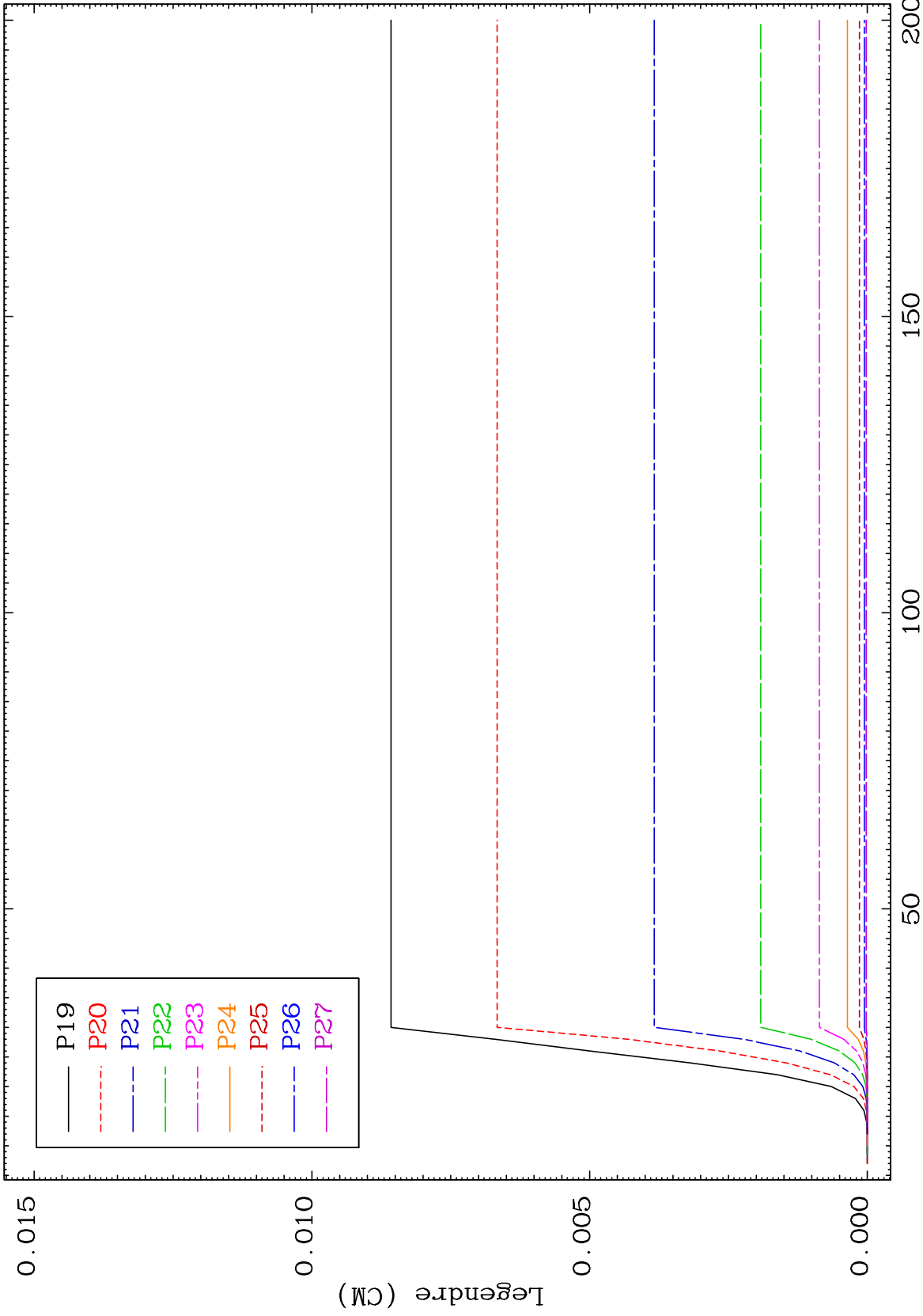
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



48

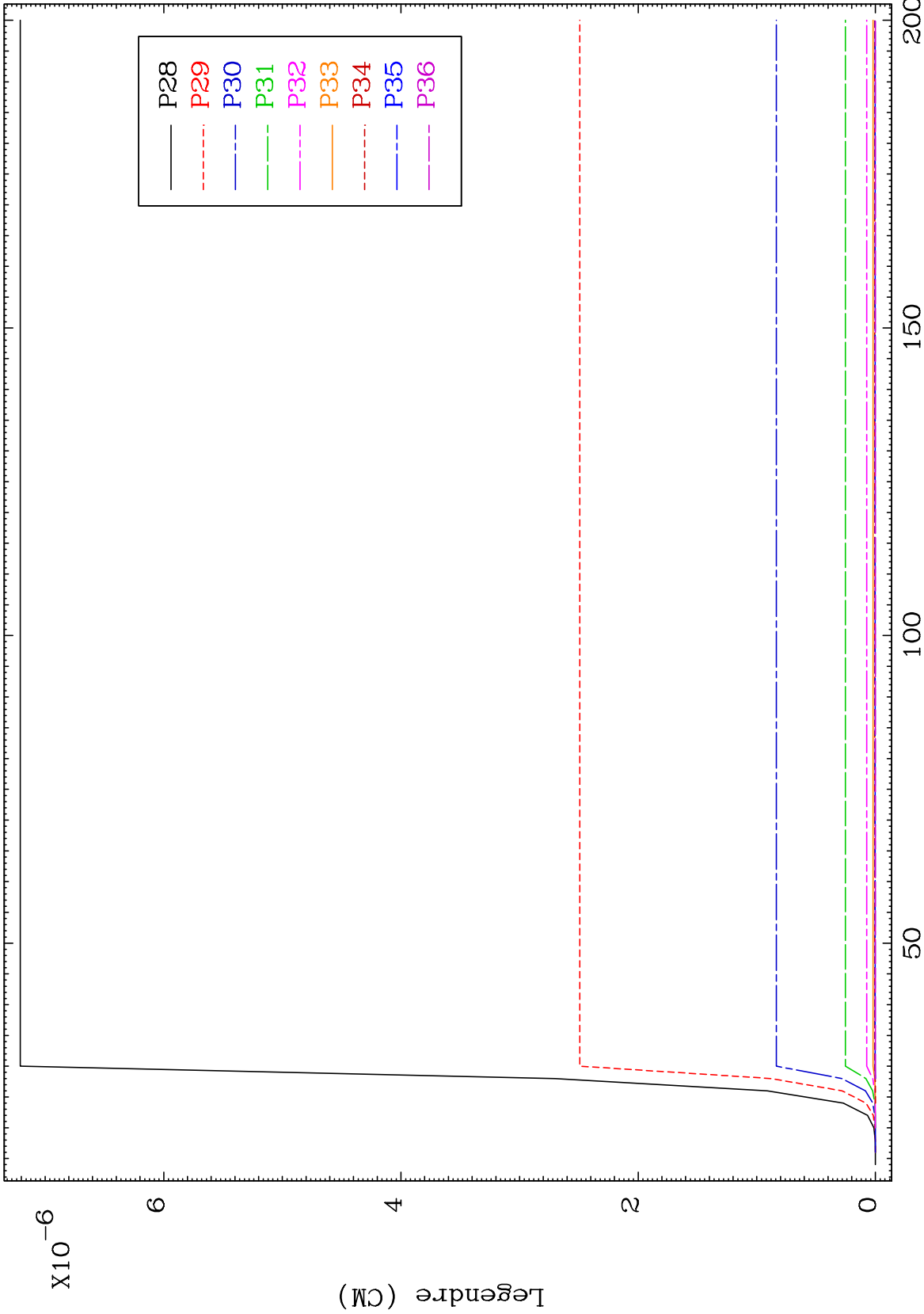
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

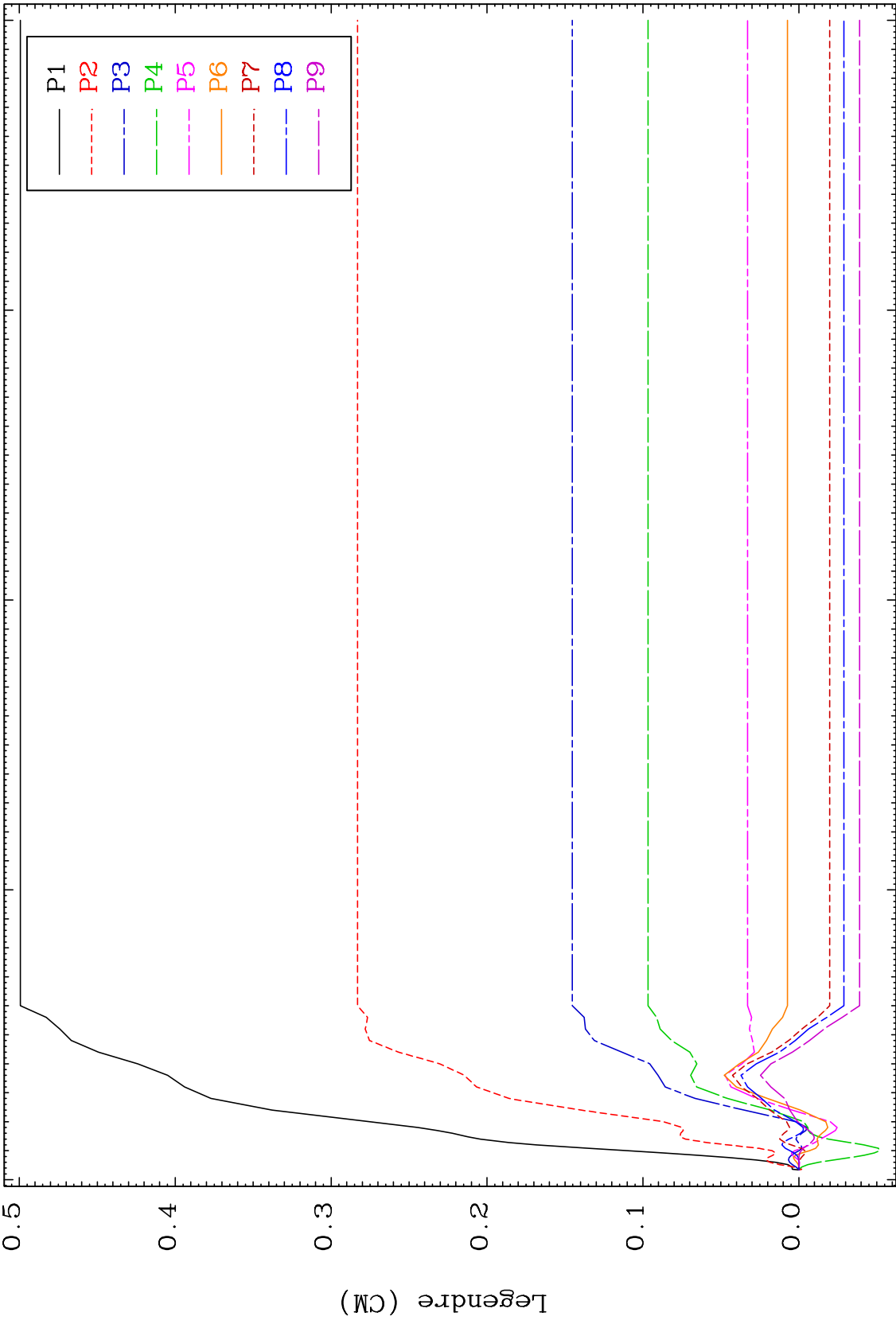


49

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 59 (n,n') Level Legendre Coefficients 62-Sm-145

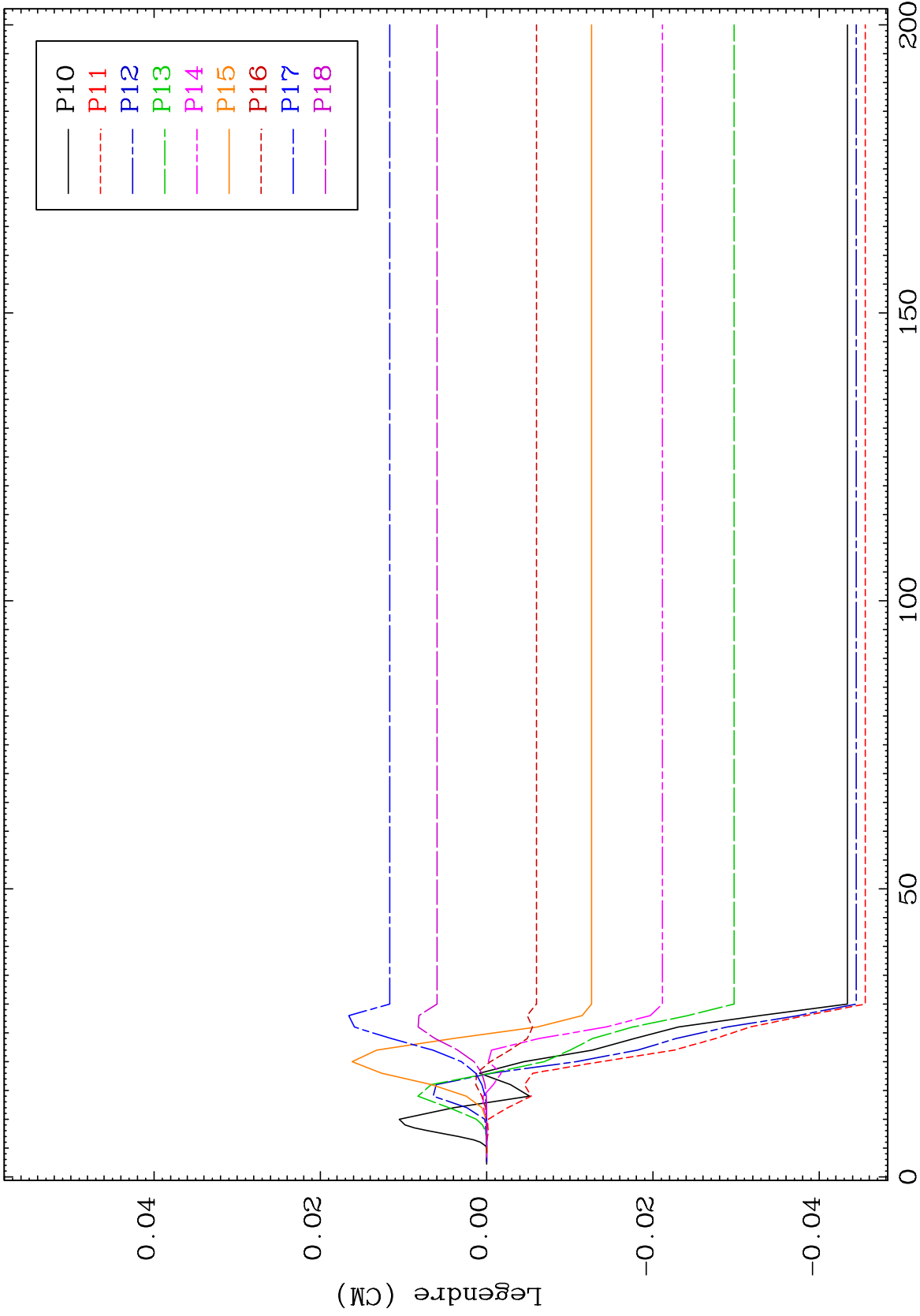


62-Sm-145

MAT 6228

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

62-Sm-145



51

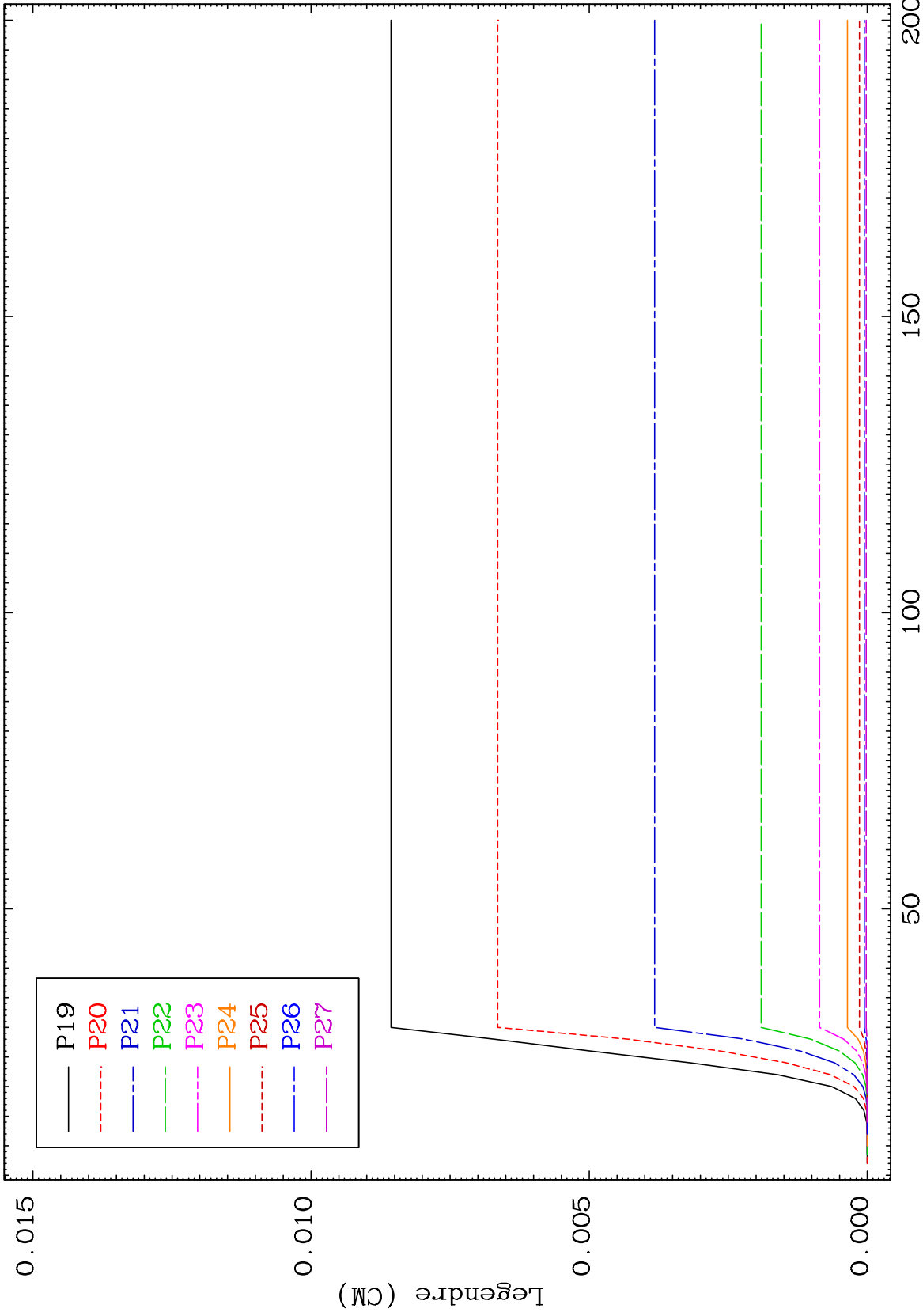
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



52

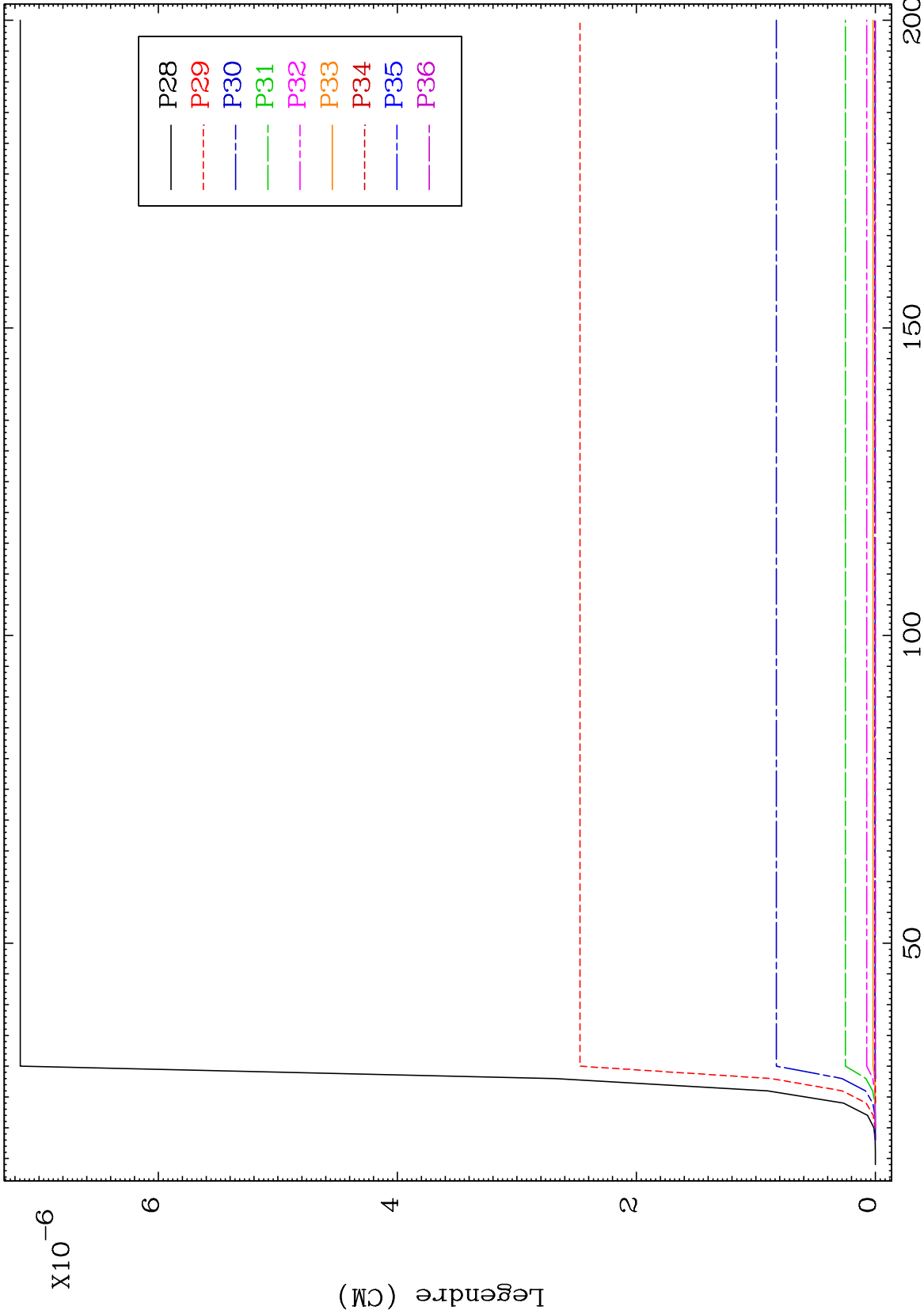
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

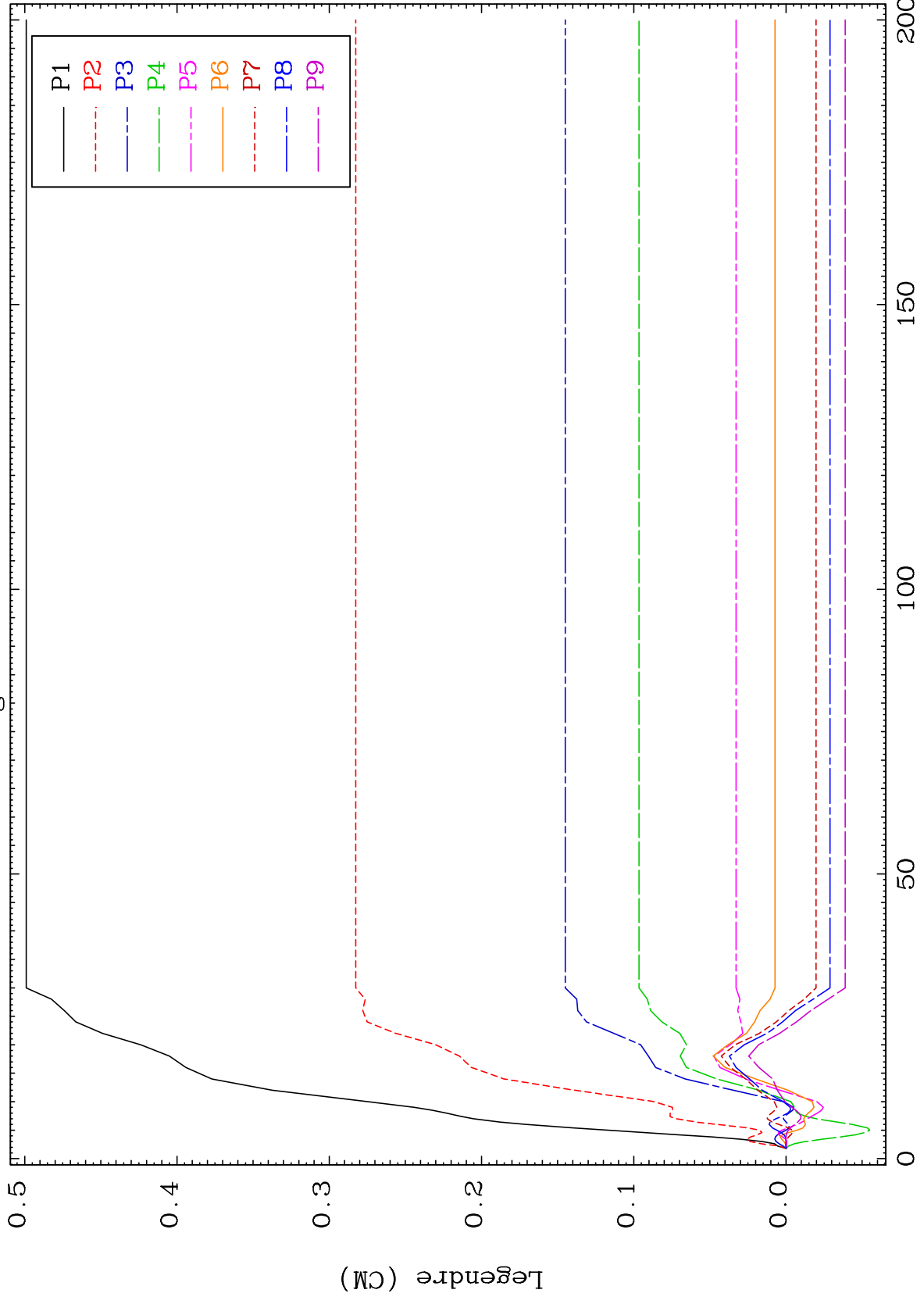


53

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 60 (n,n') Level Legendre Coefficients 62-Sm-145

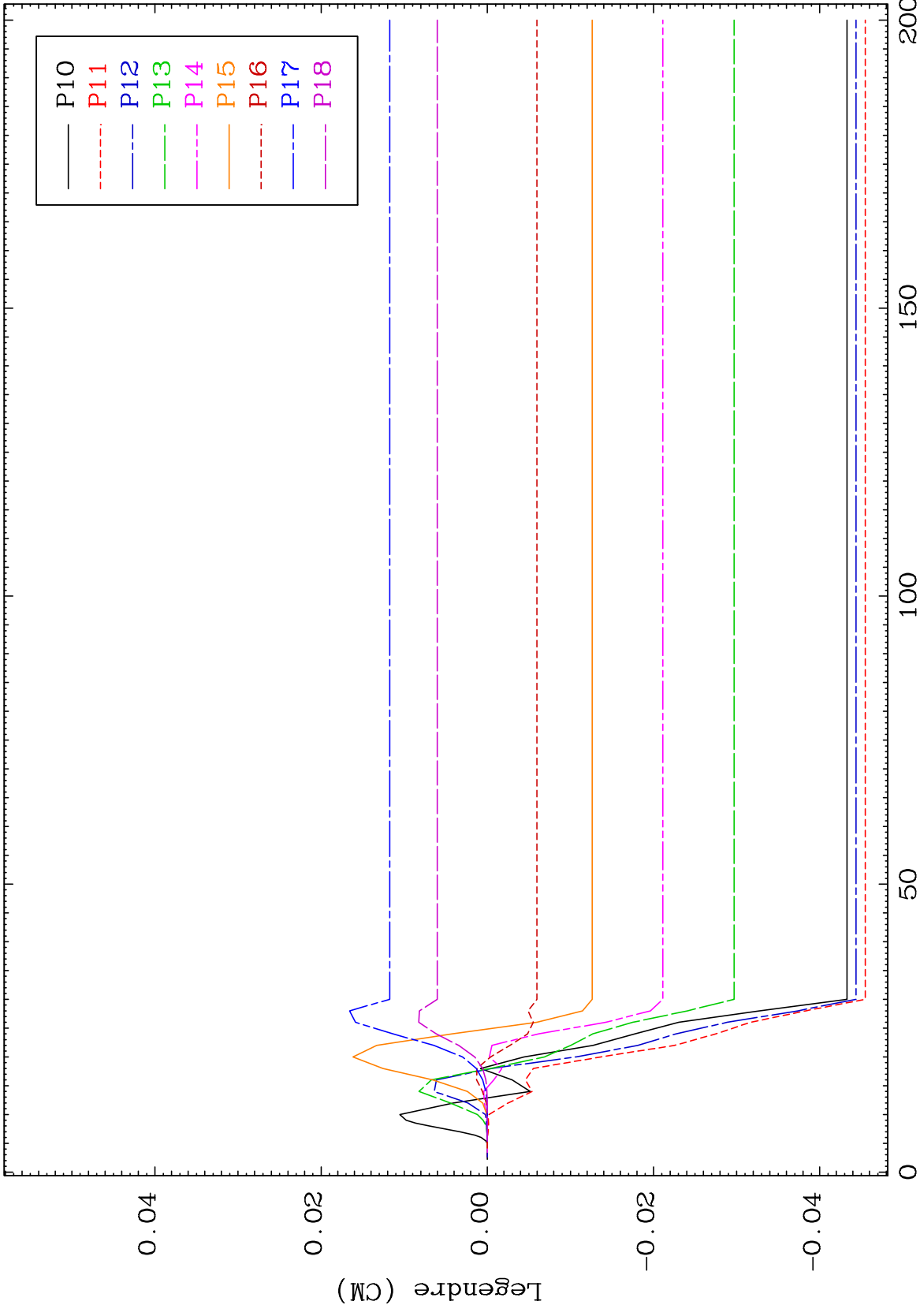


54 62-Sm-145

MAT 6228

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

62-Sm-145



55

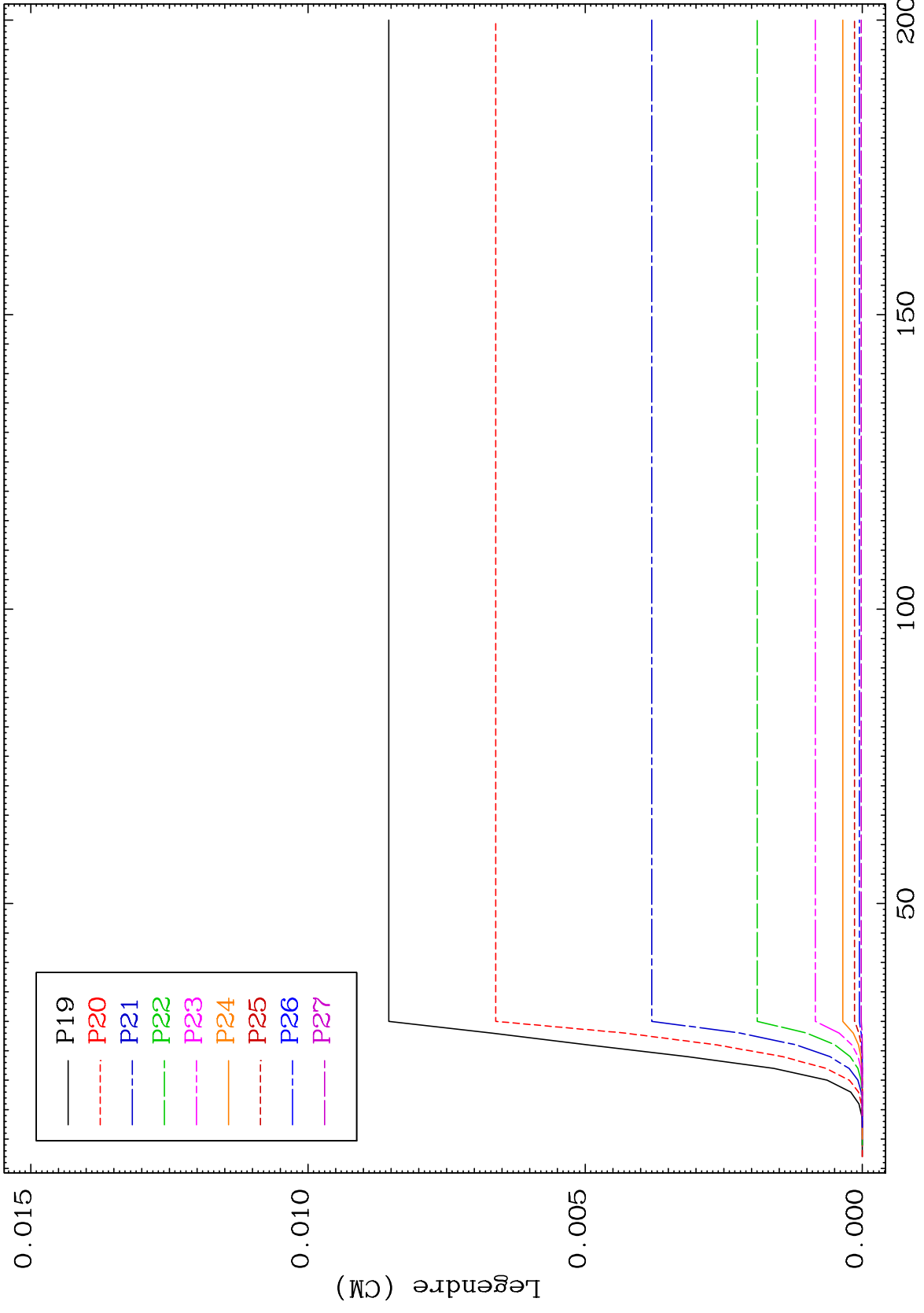
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



56

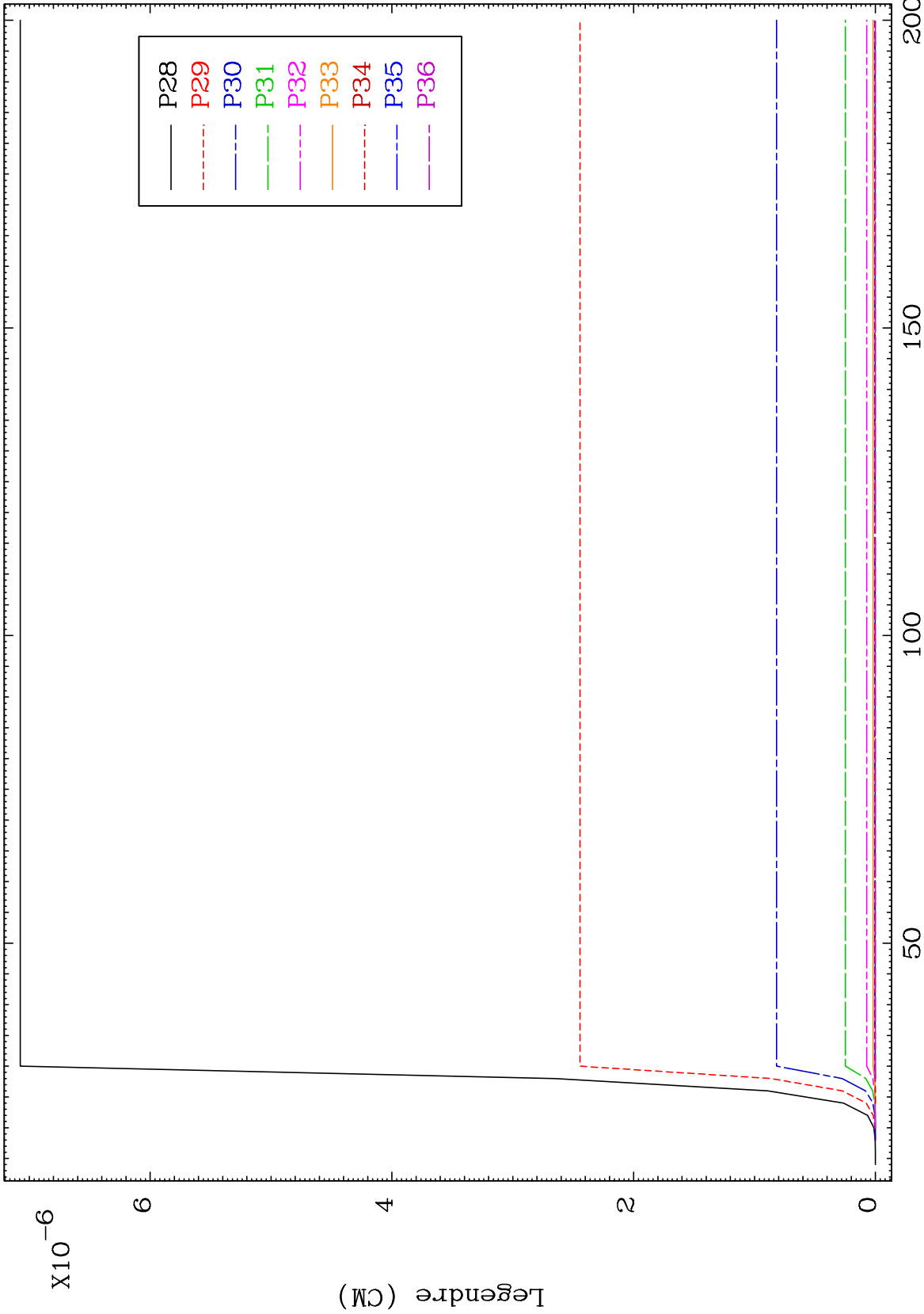
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



57

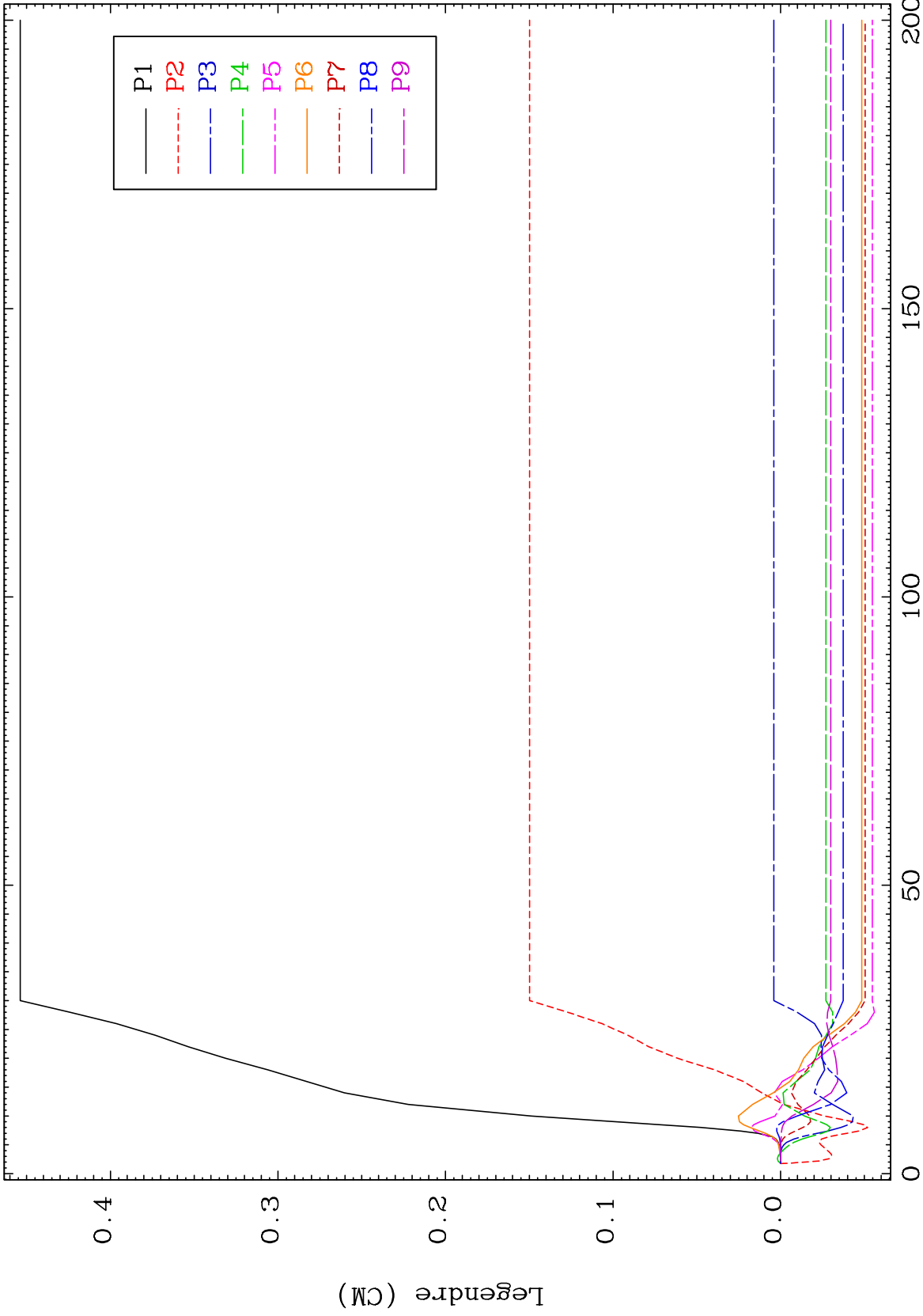
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



58

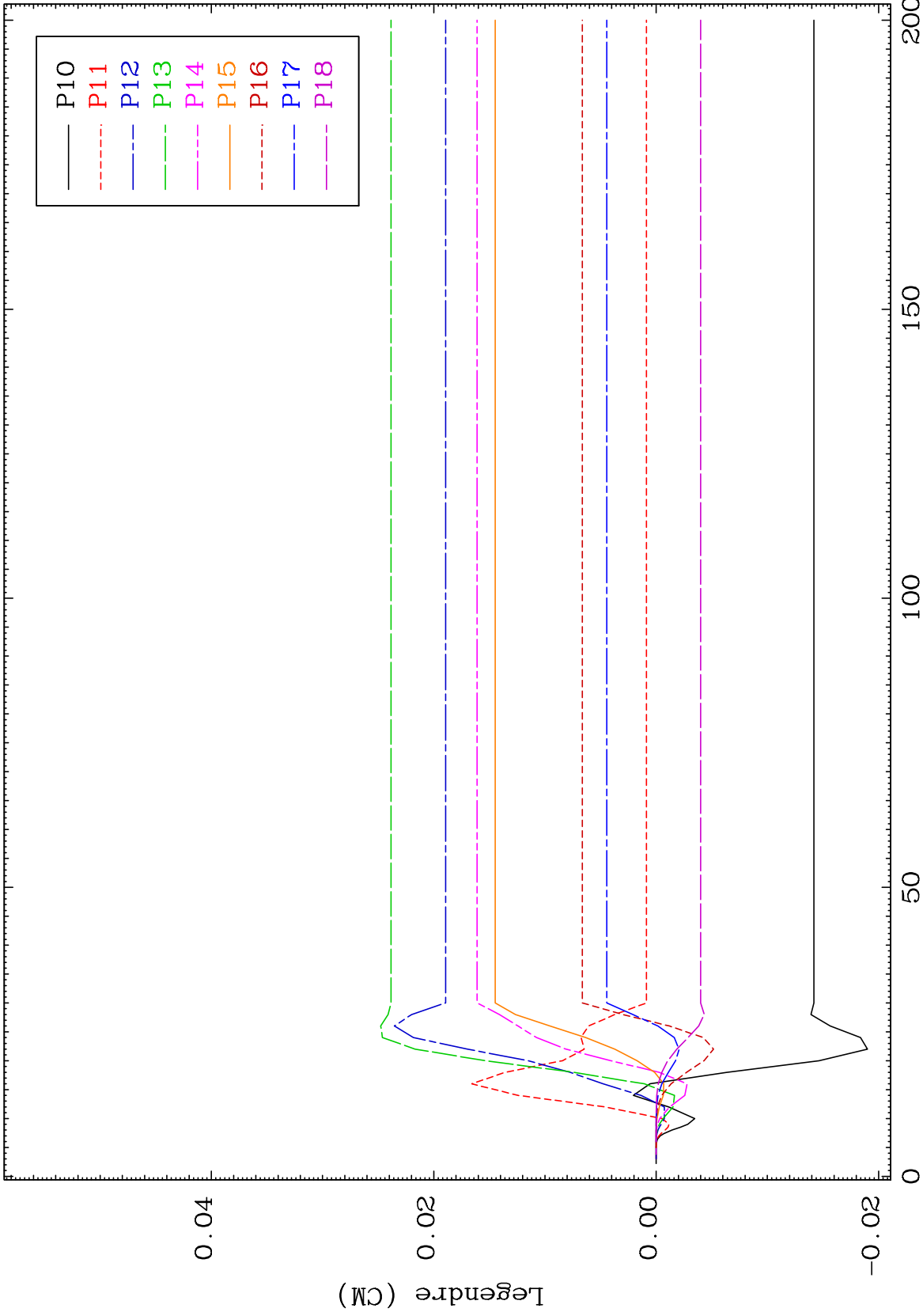
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



59

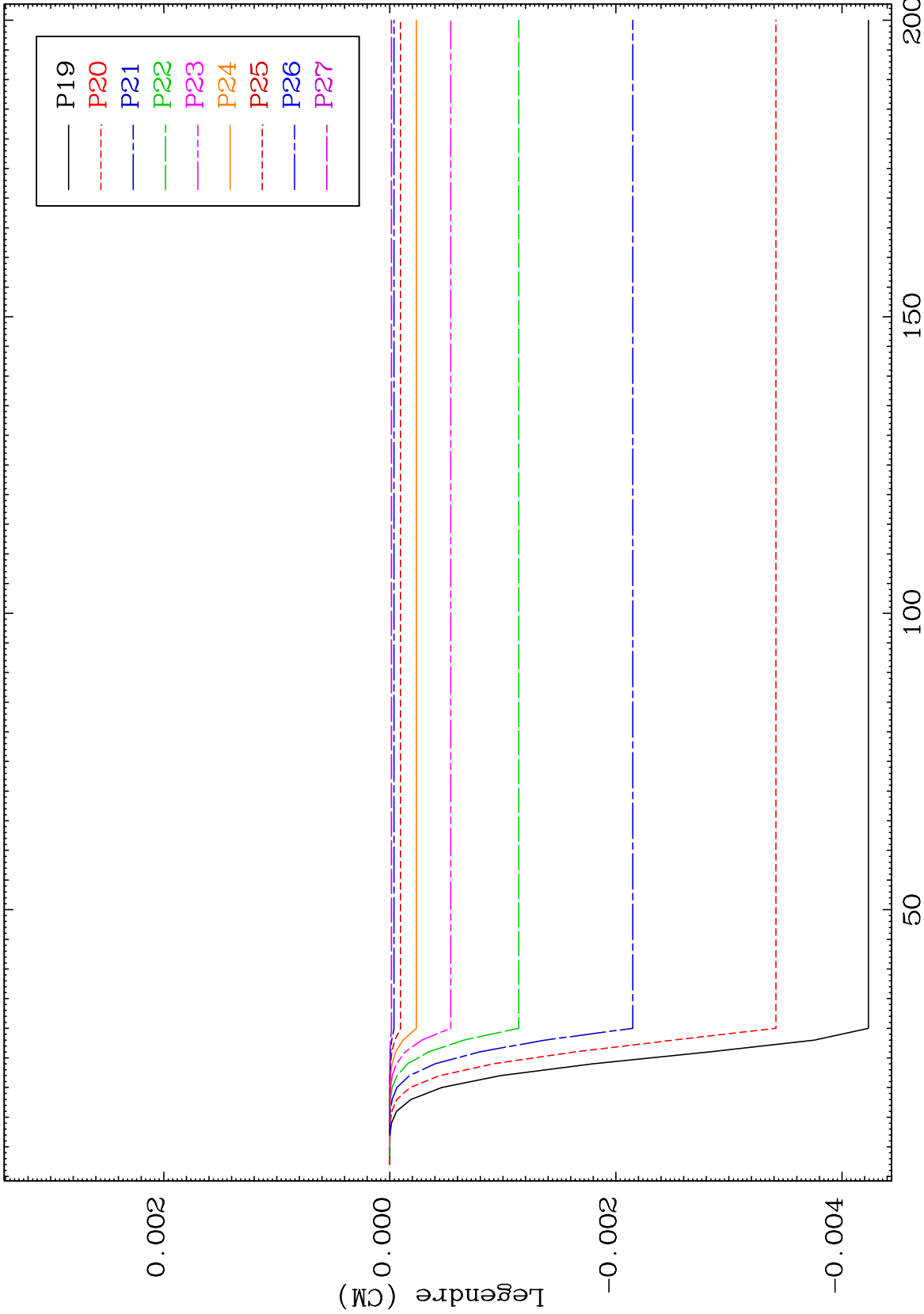
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



60

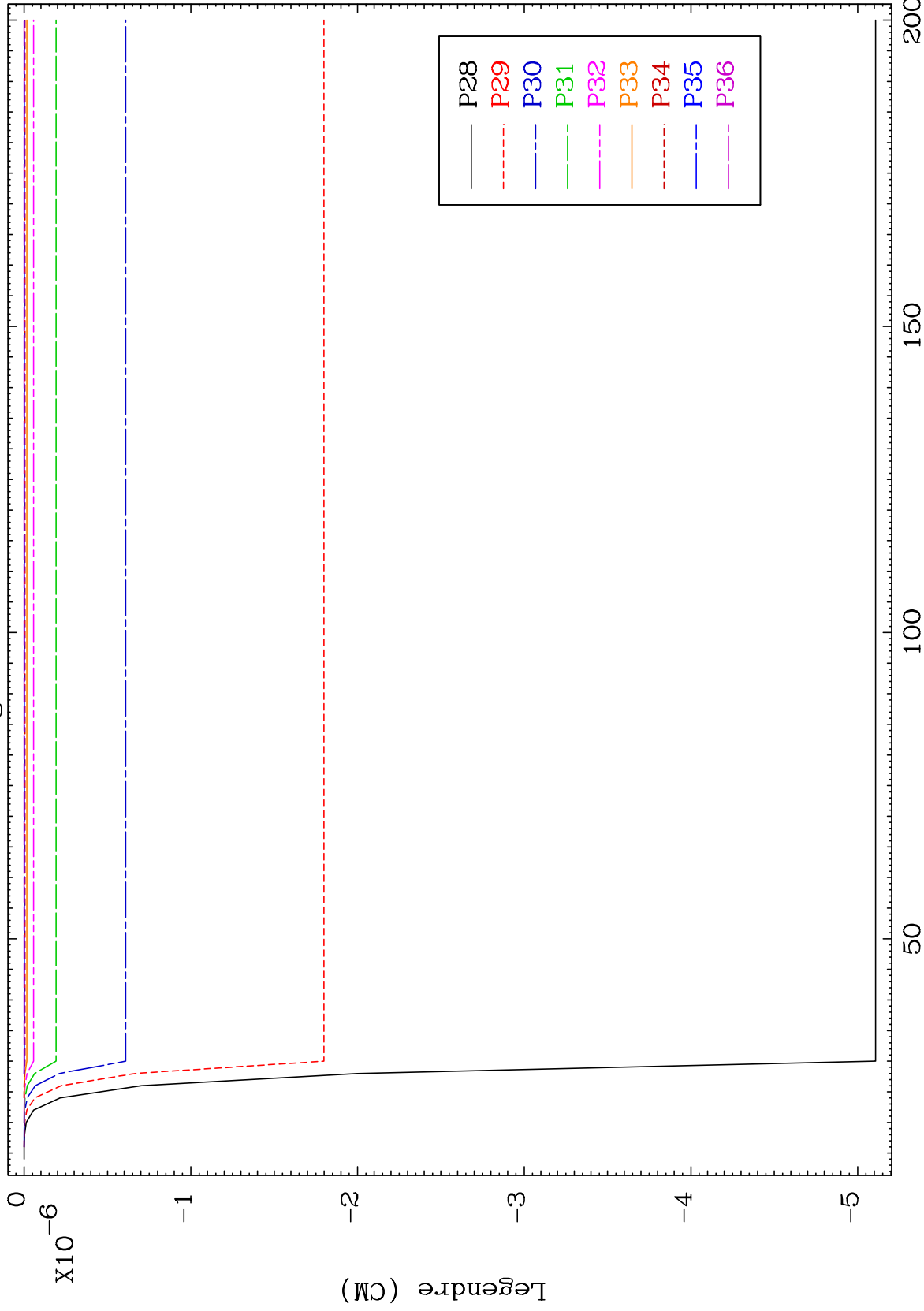
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



61

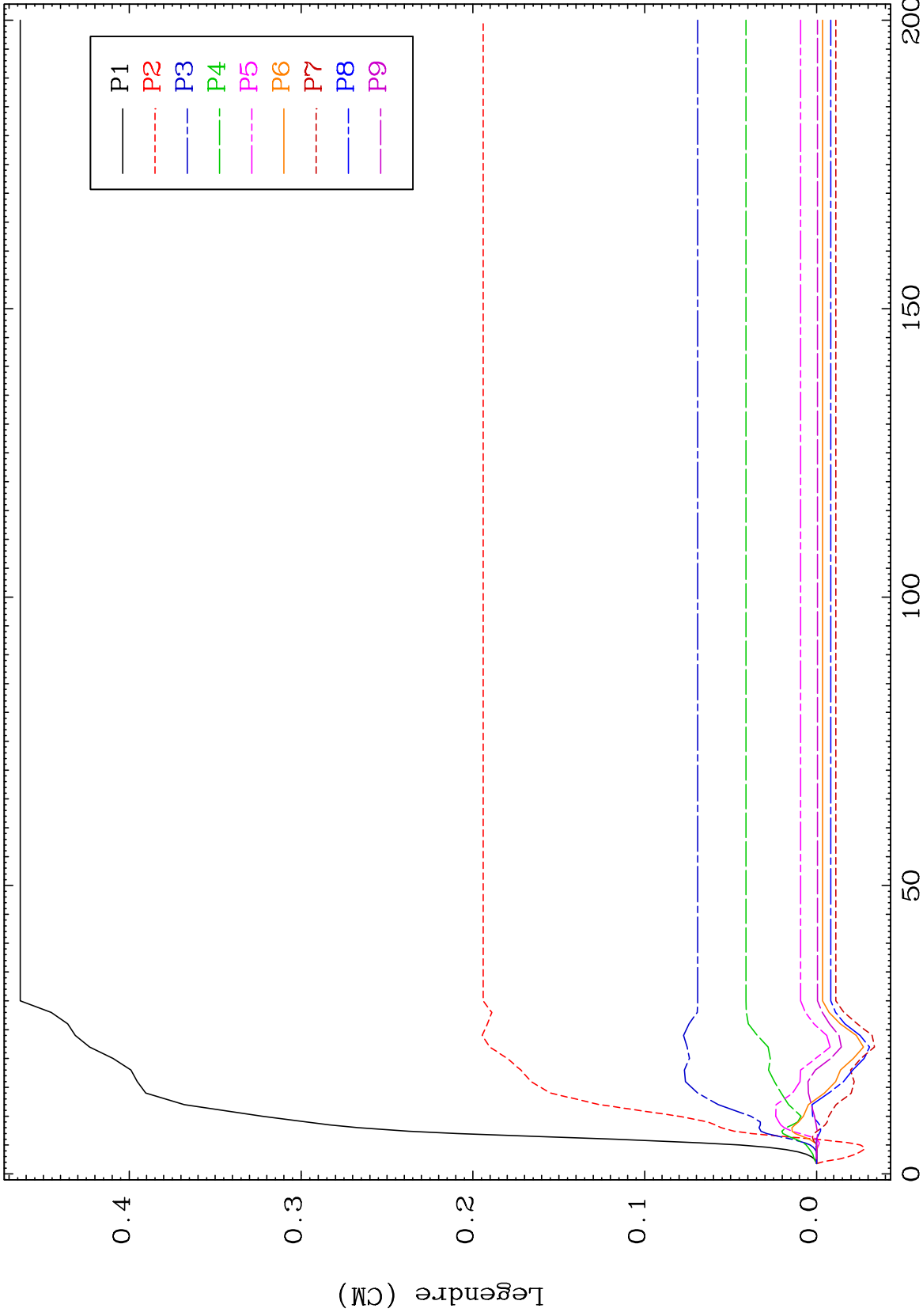
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62

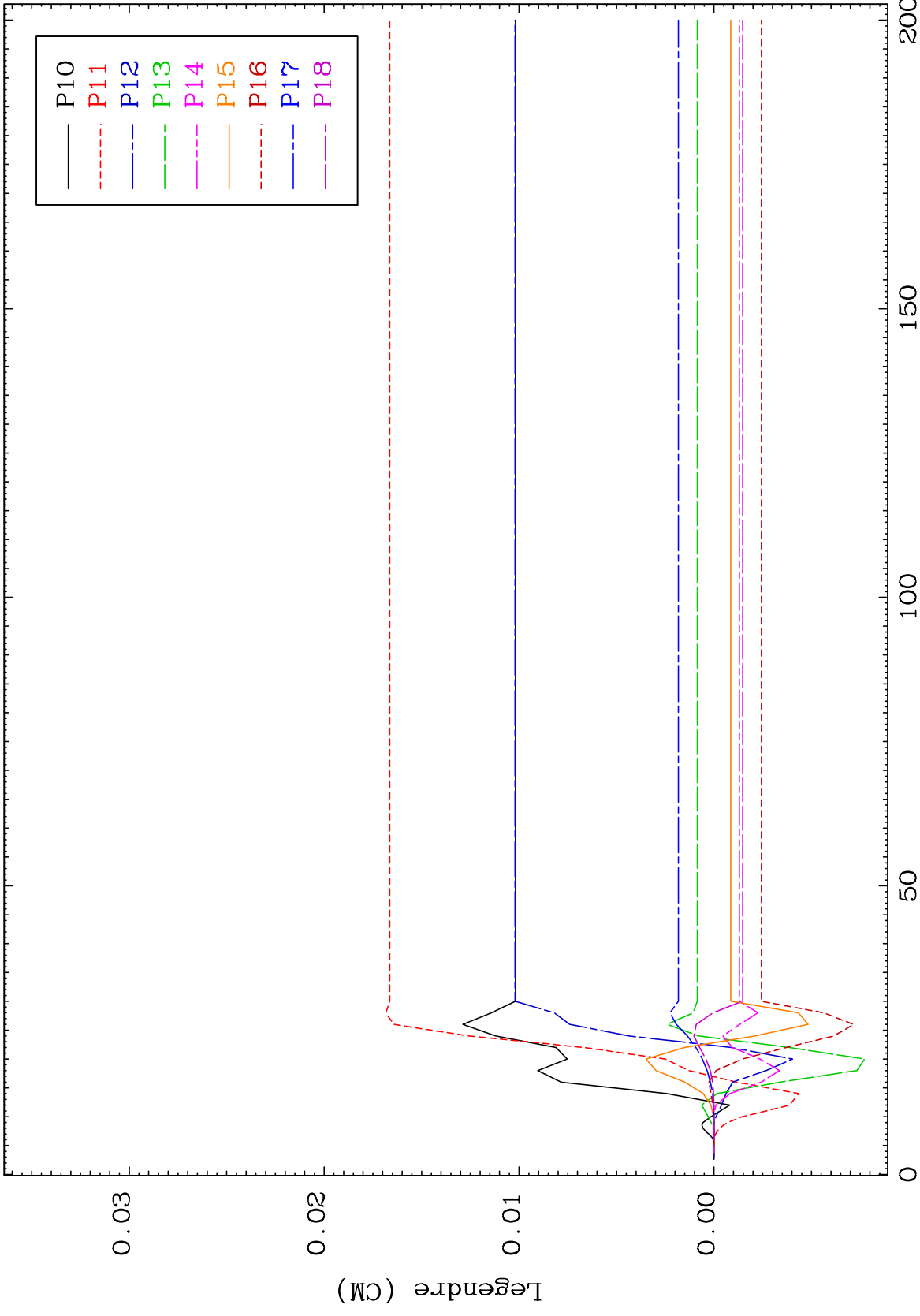
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



63

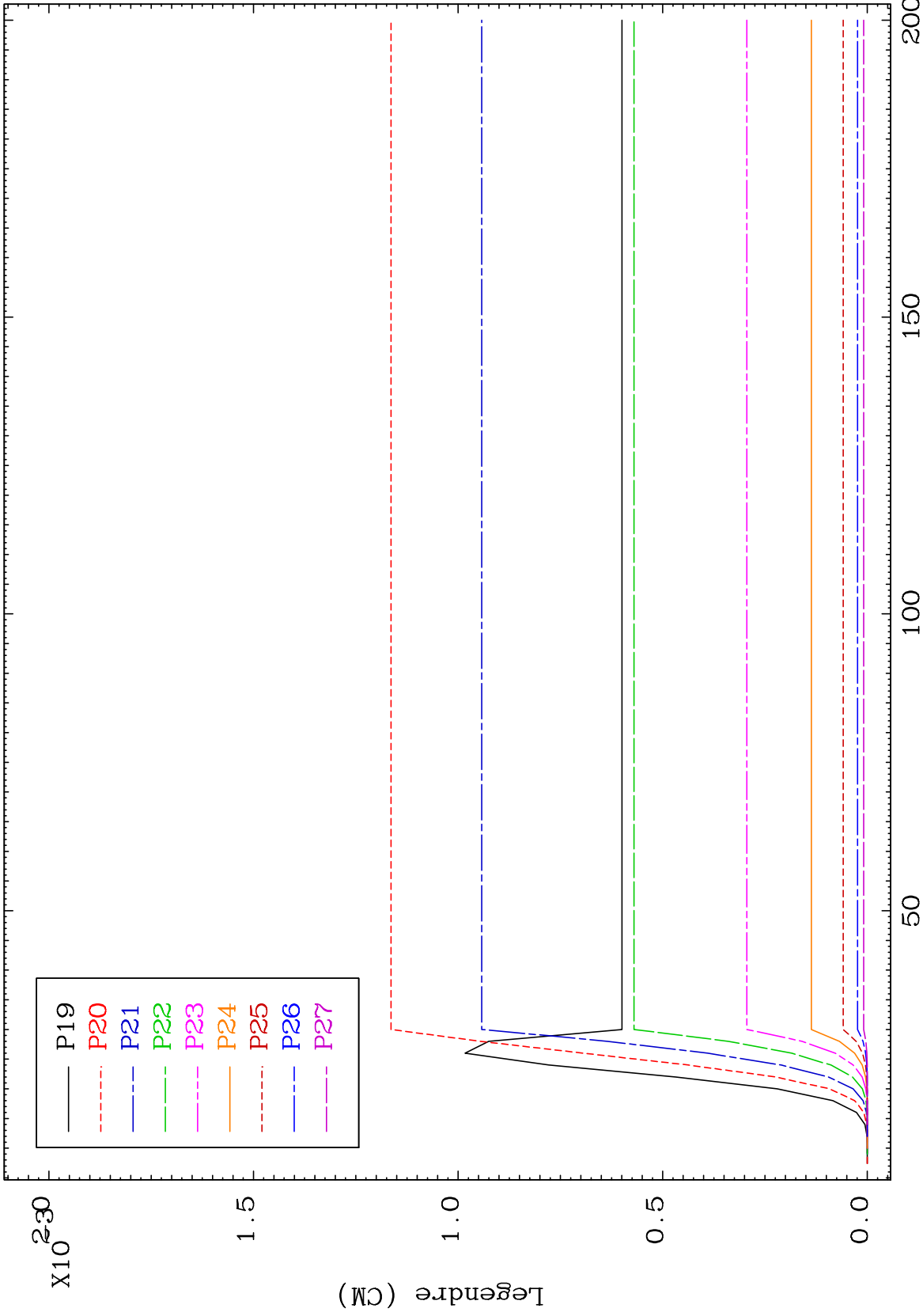
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

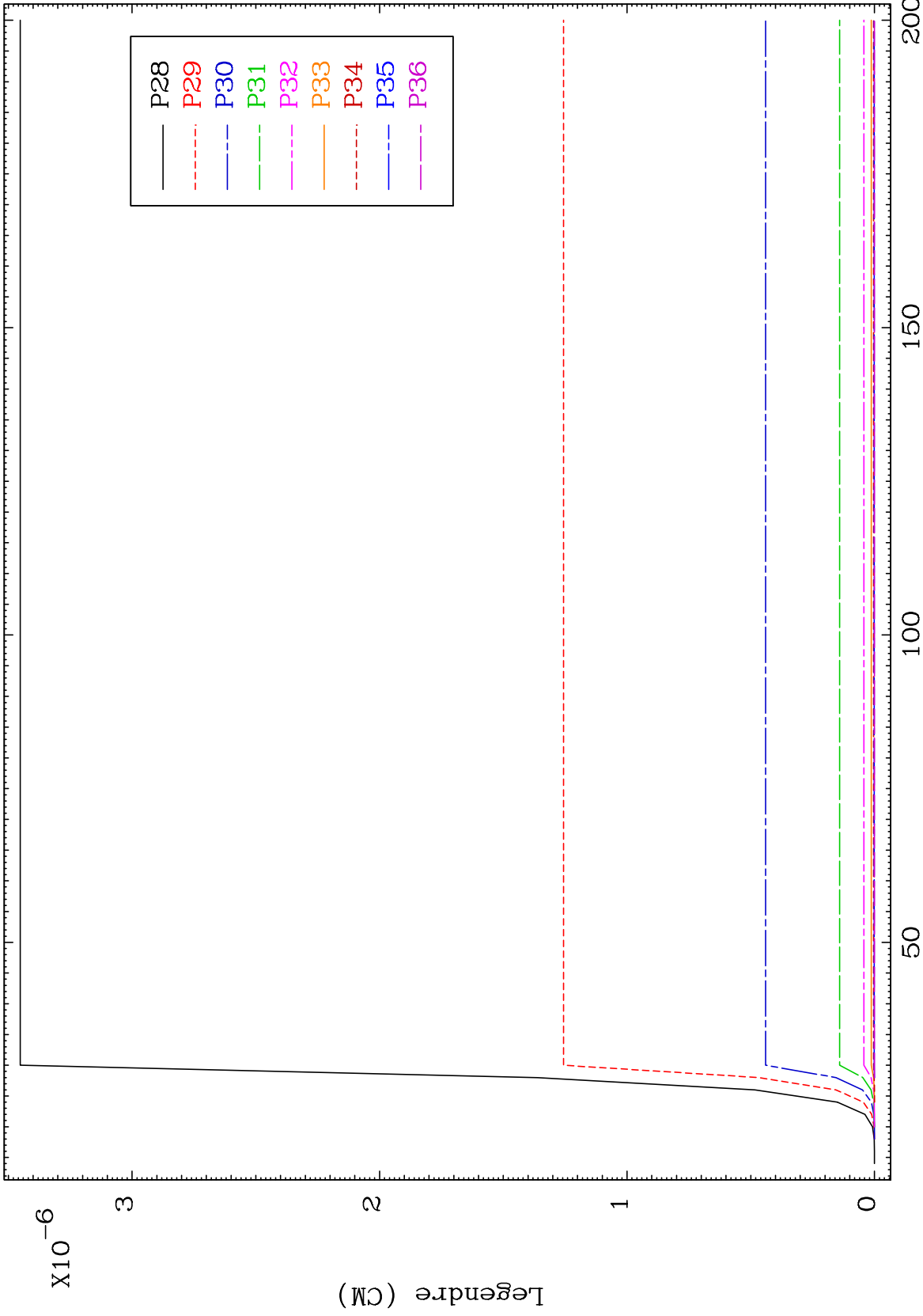
62-Sm-145



MAT 6228

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

62-Sm-145



65

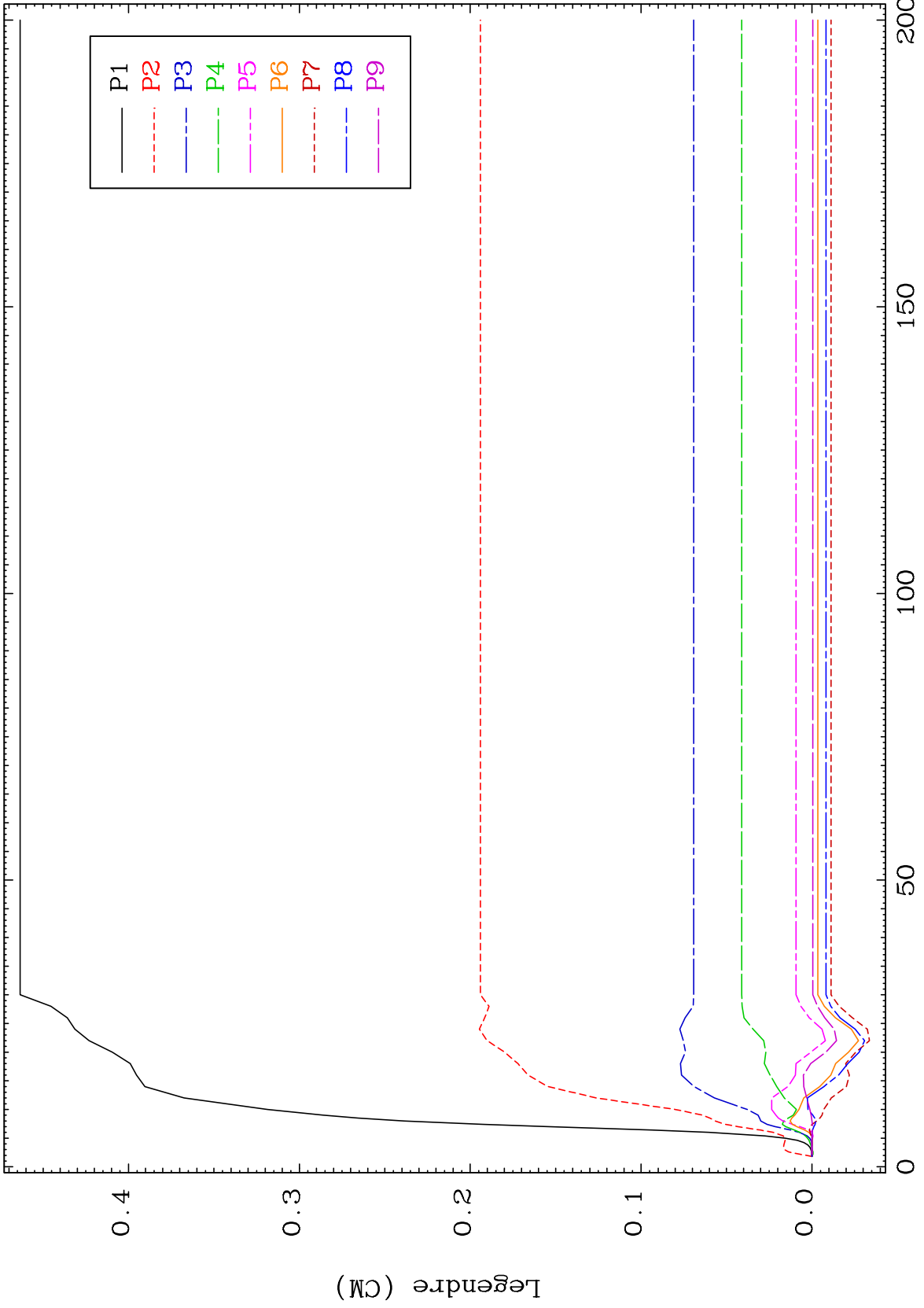
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



66

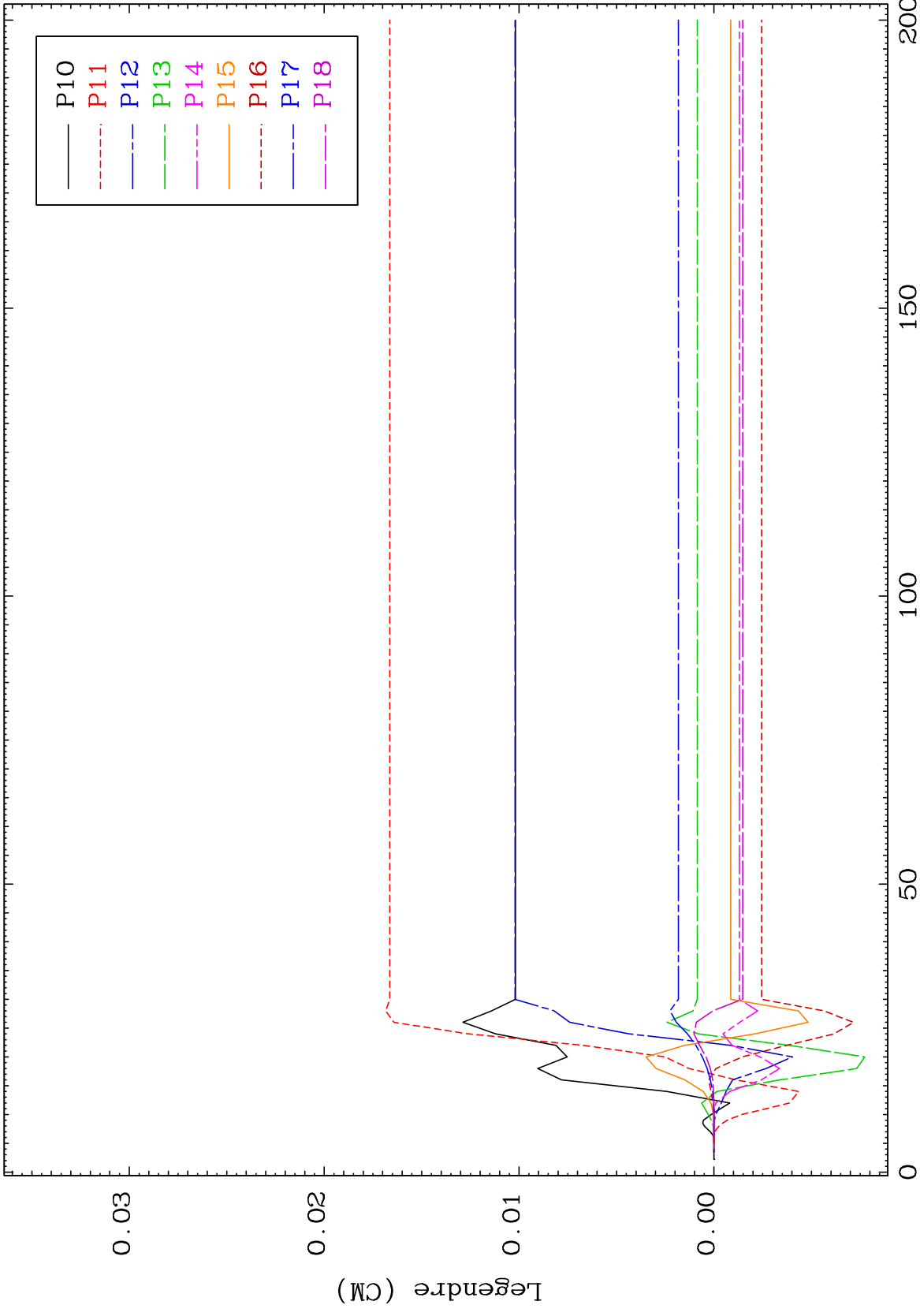
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



67

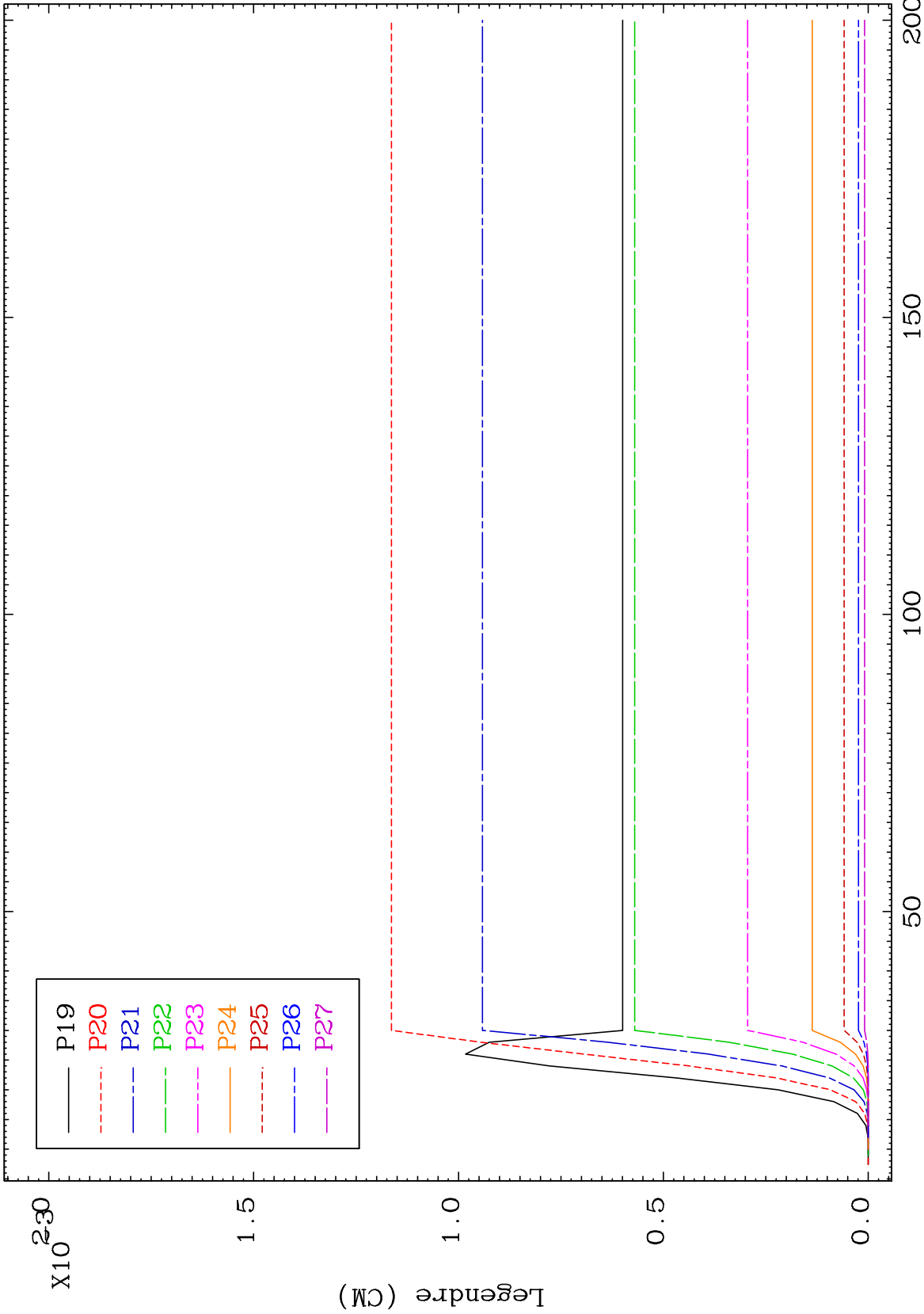
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



68

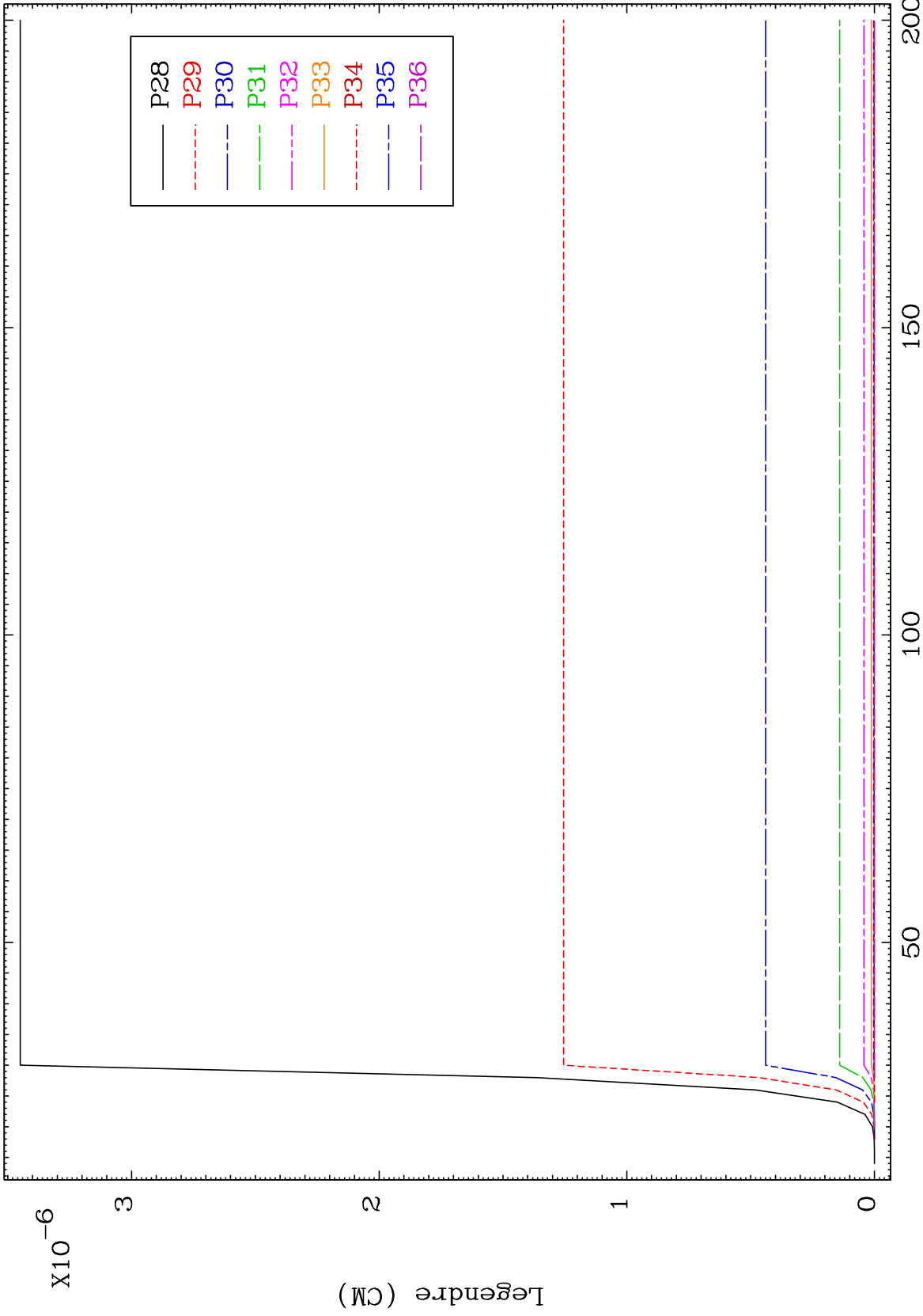
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



69

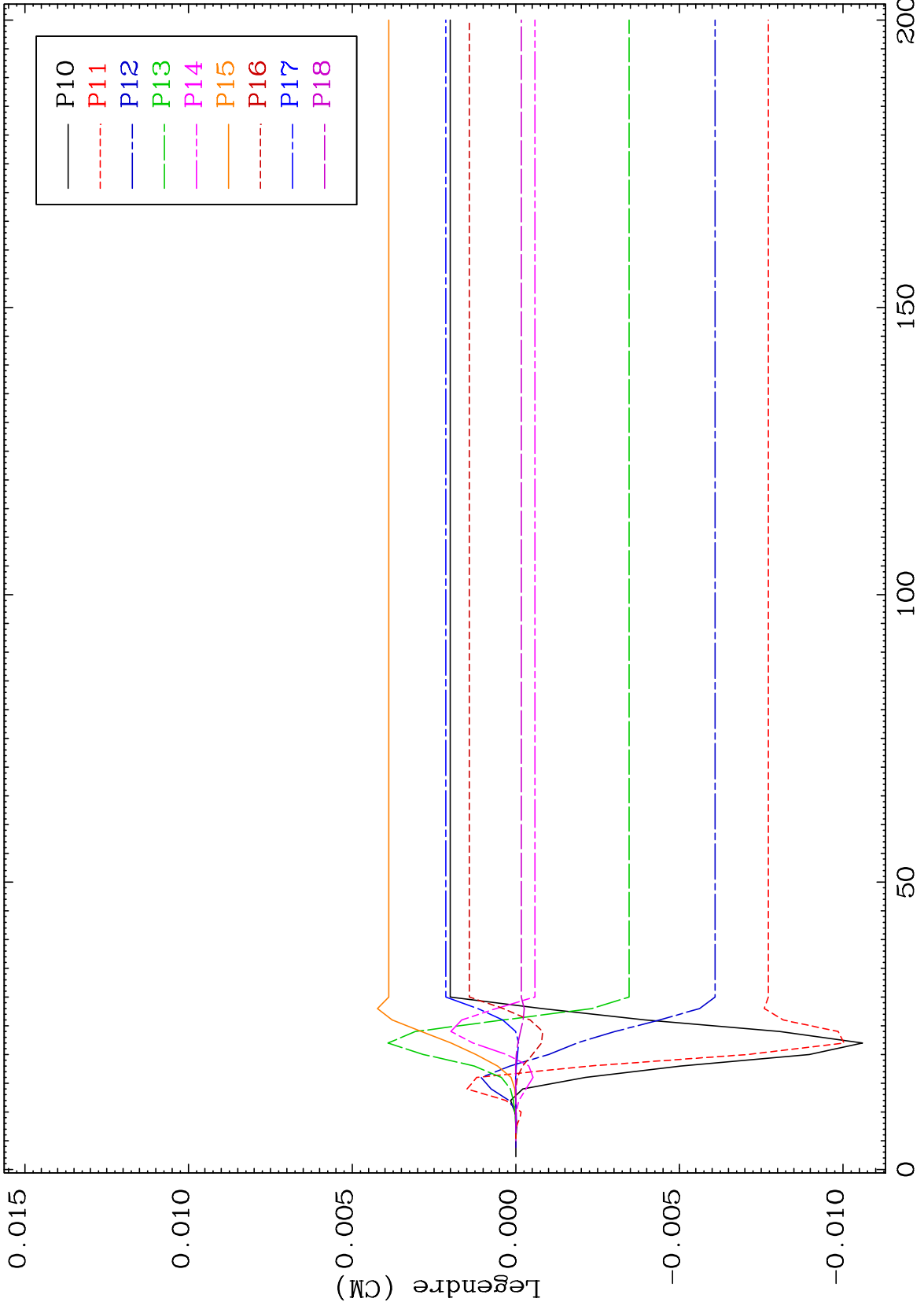
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



71

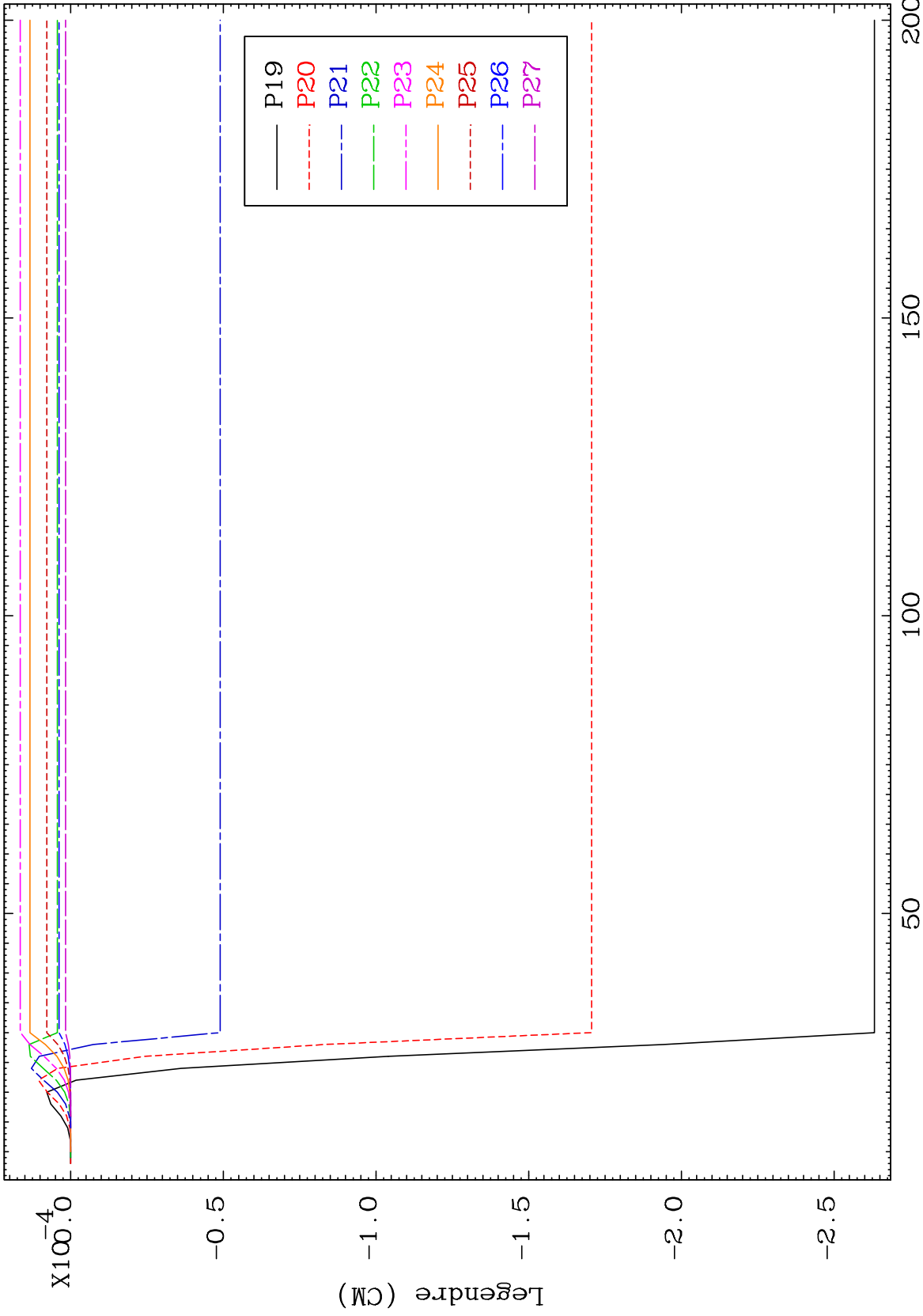
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



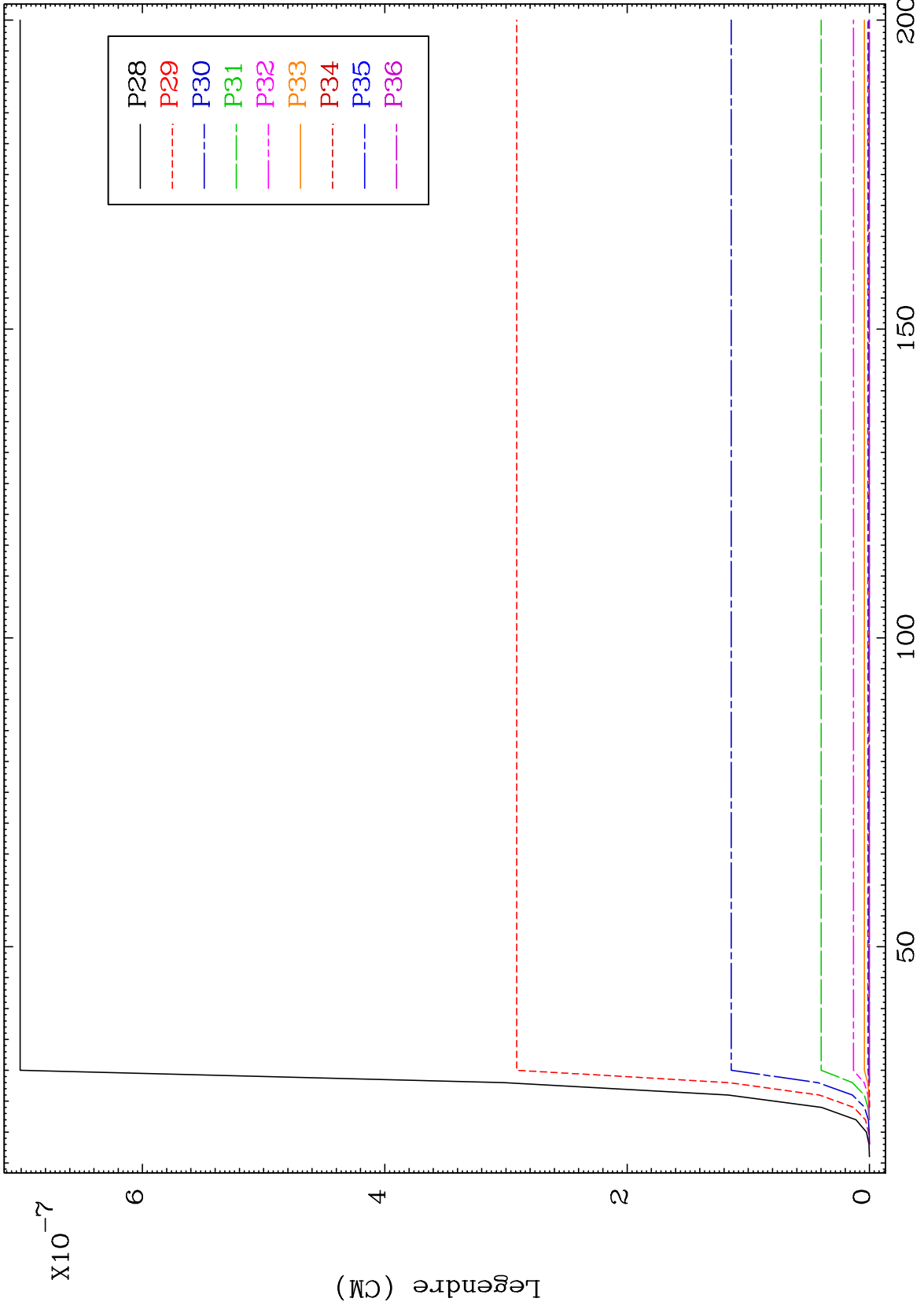
62-Sm-145

72

MAT 6228

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

62-Sm-145



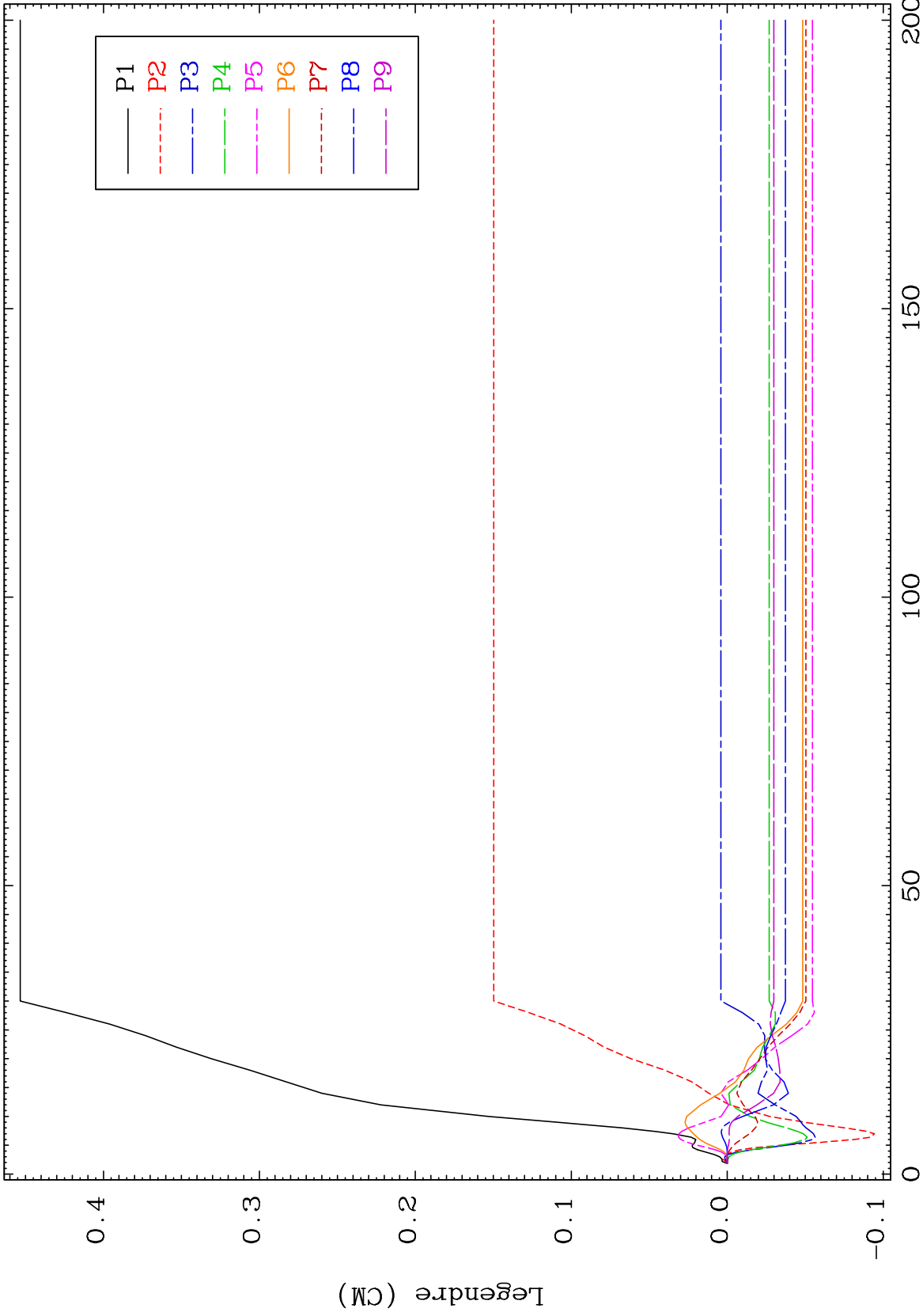
73

62-Sm-145

MAT 6228

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

62-Sm-145



74

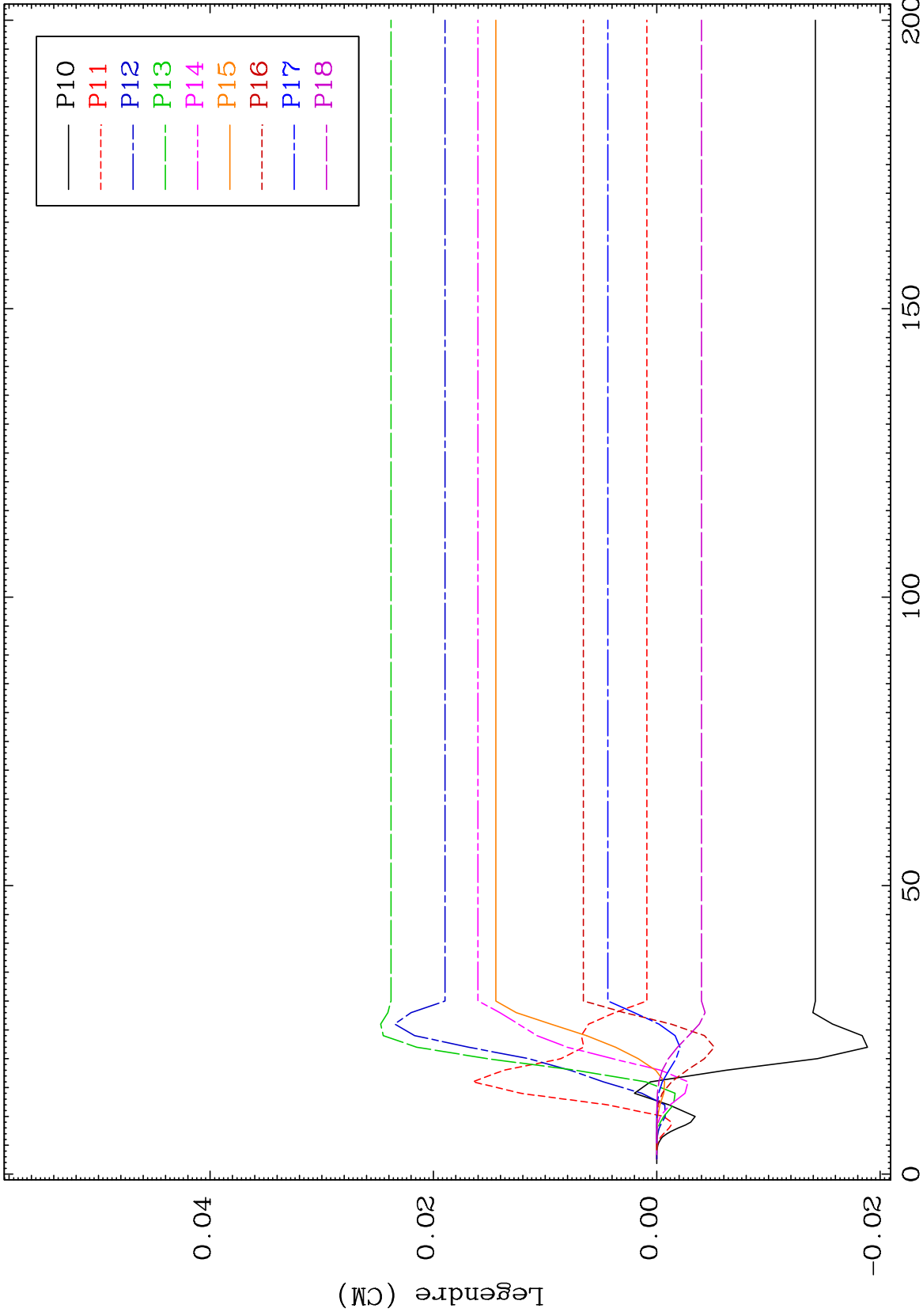
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



75

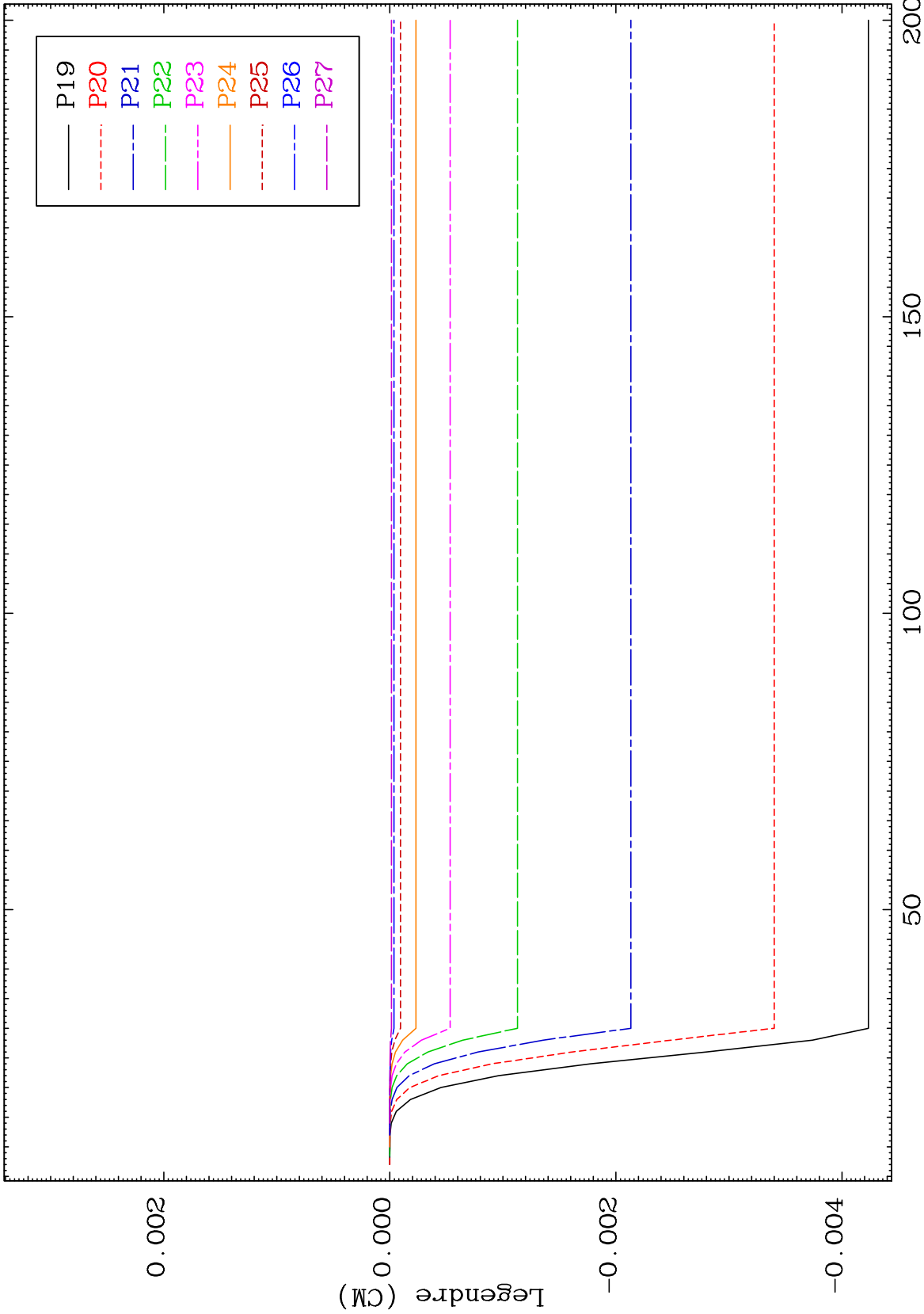
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



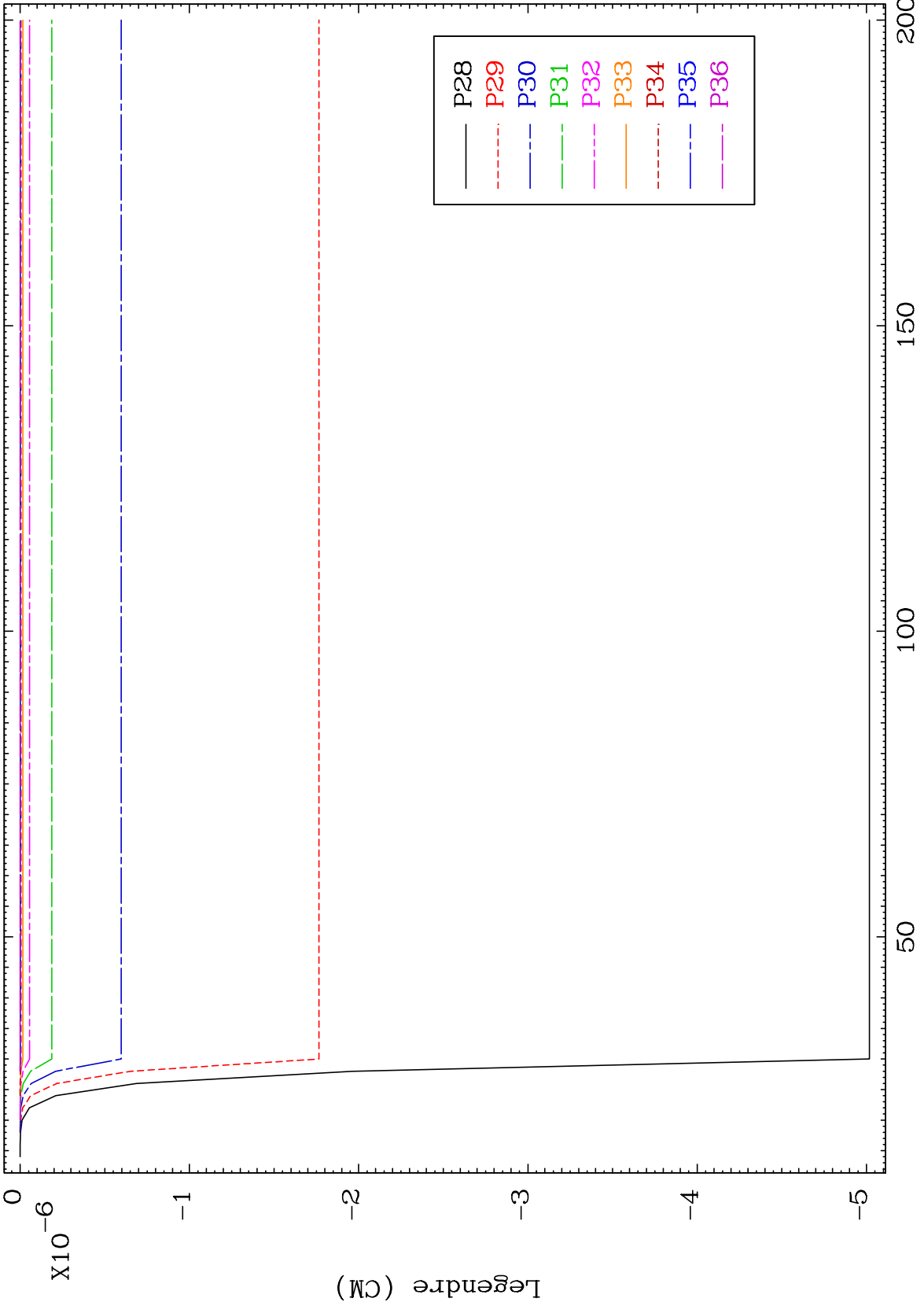
76

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 65 (n,n') Level 62-Sm-145

Legendre Coefficients

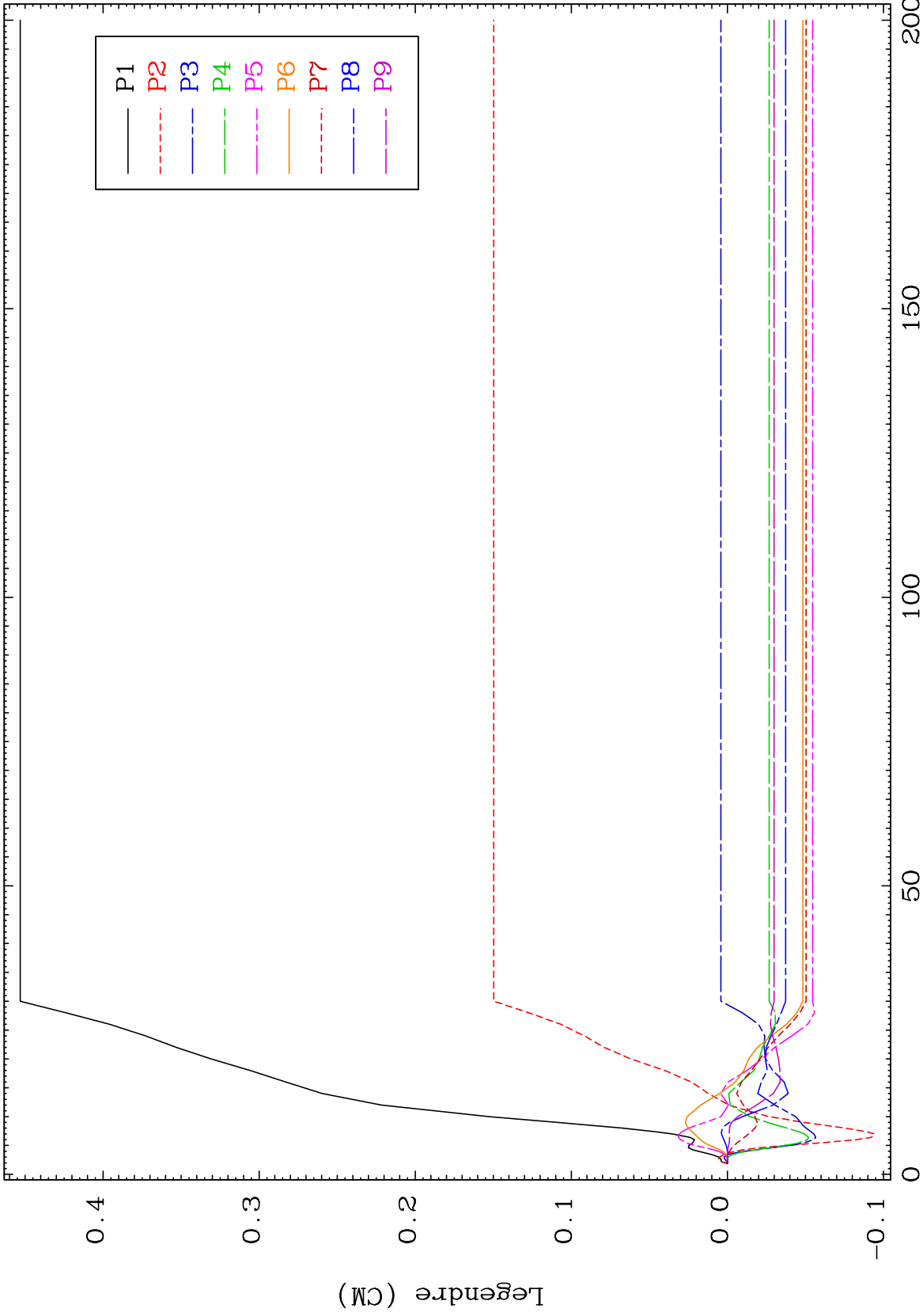


77 62-Sm-145

MAT 6228

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

62-Sm-145



78

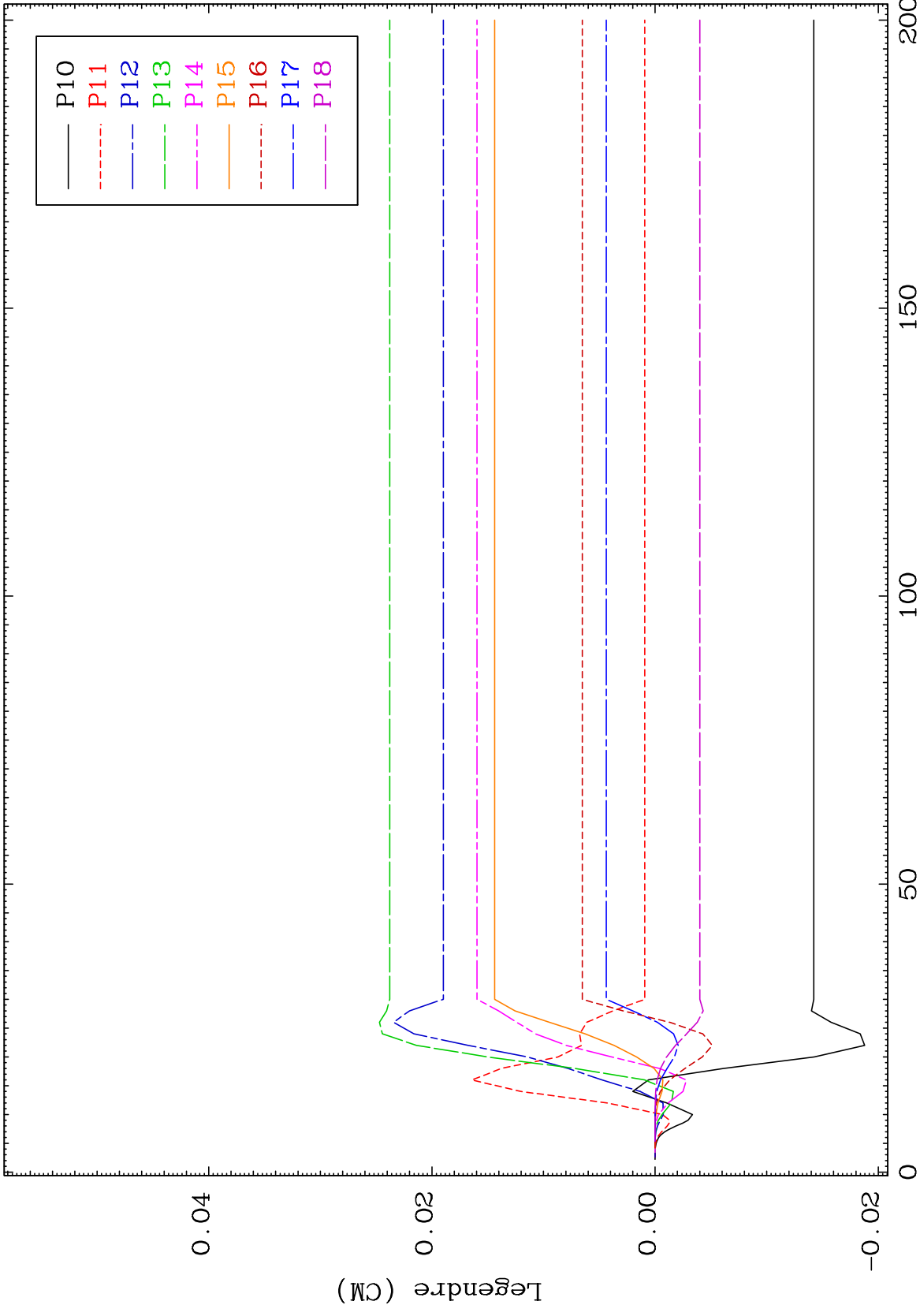
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



79

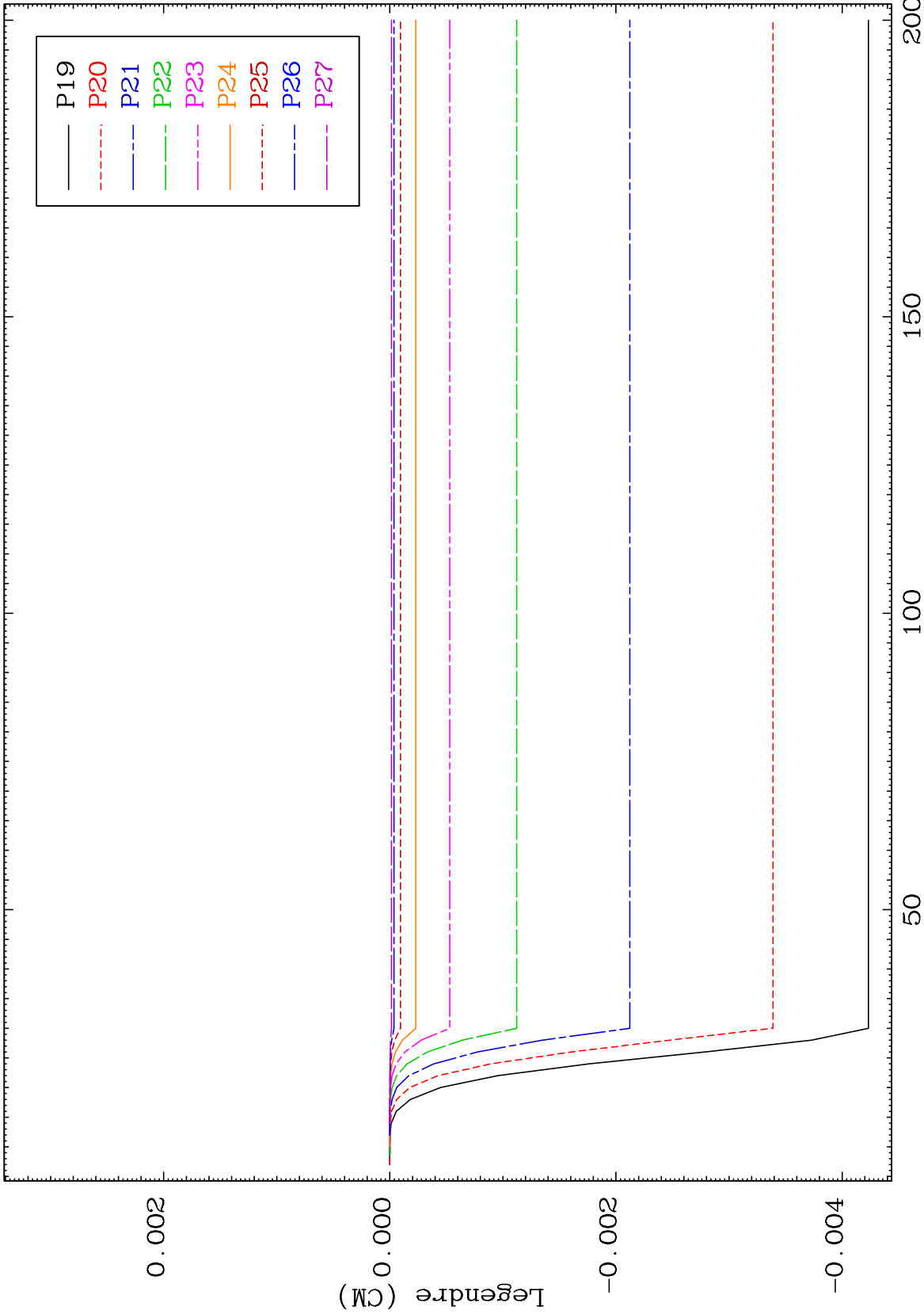
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



80

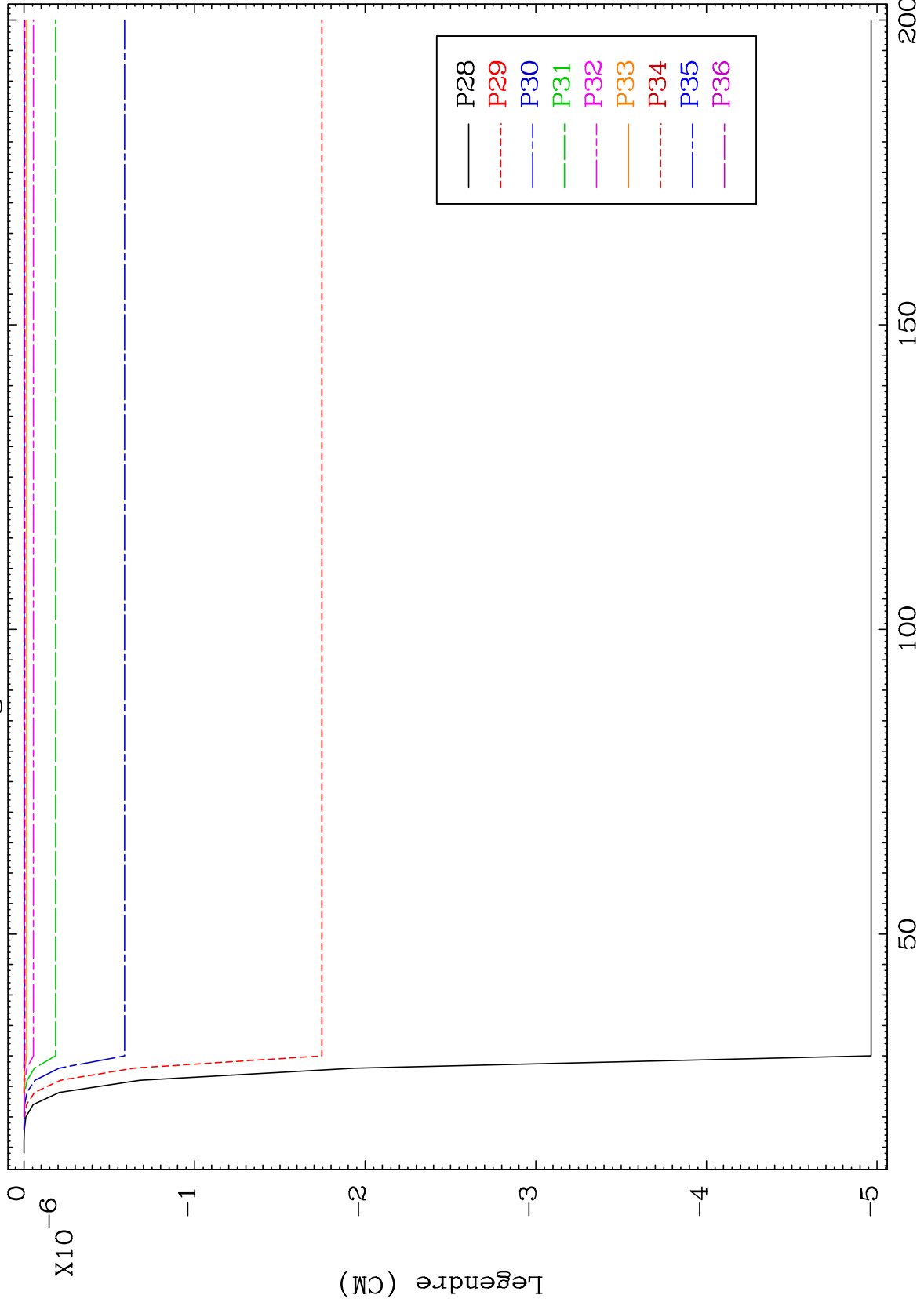
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

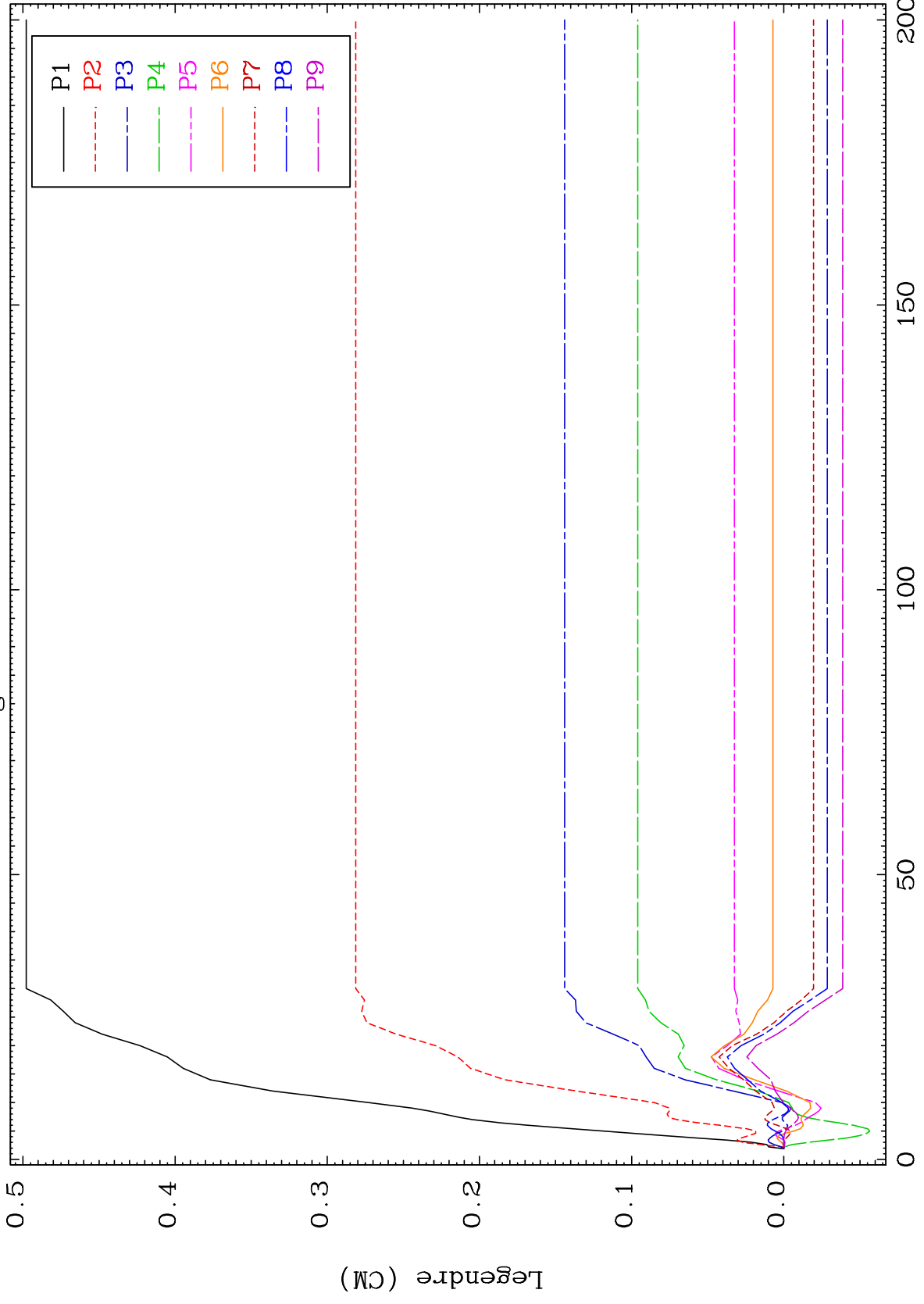


81

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 67 (n,n') Level Legendre Coefficients 62-Sm-145

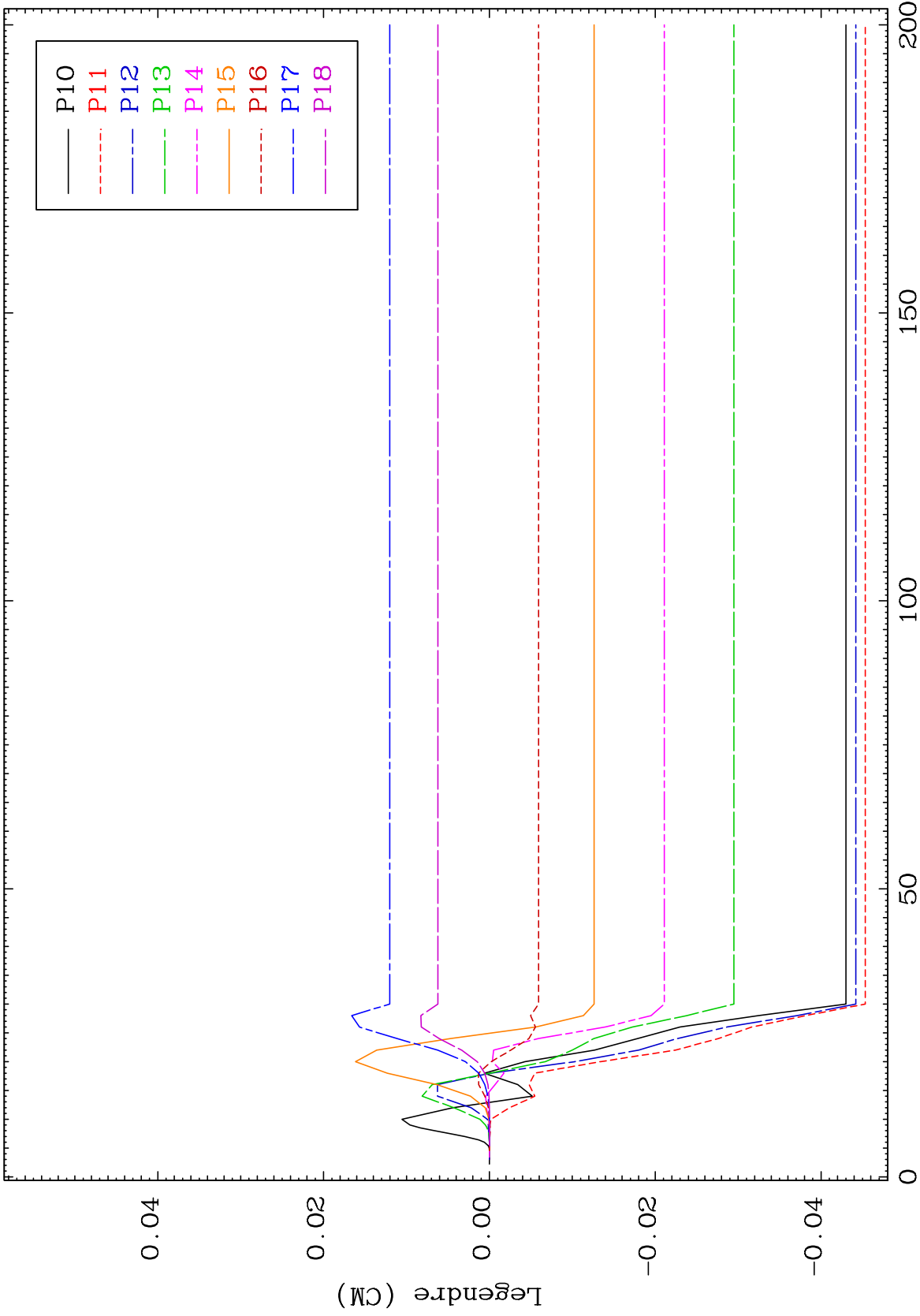


82 62-Sm-145

MAT 6228

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

62-Sm-145



83

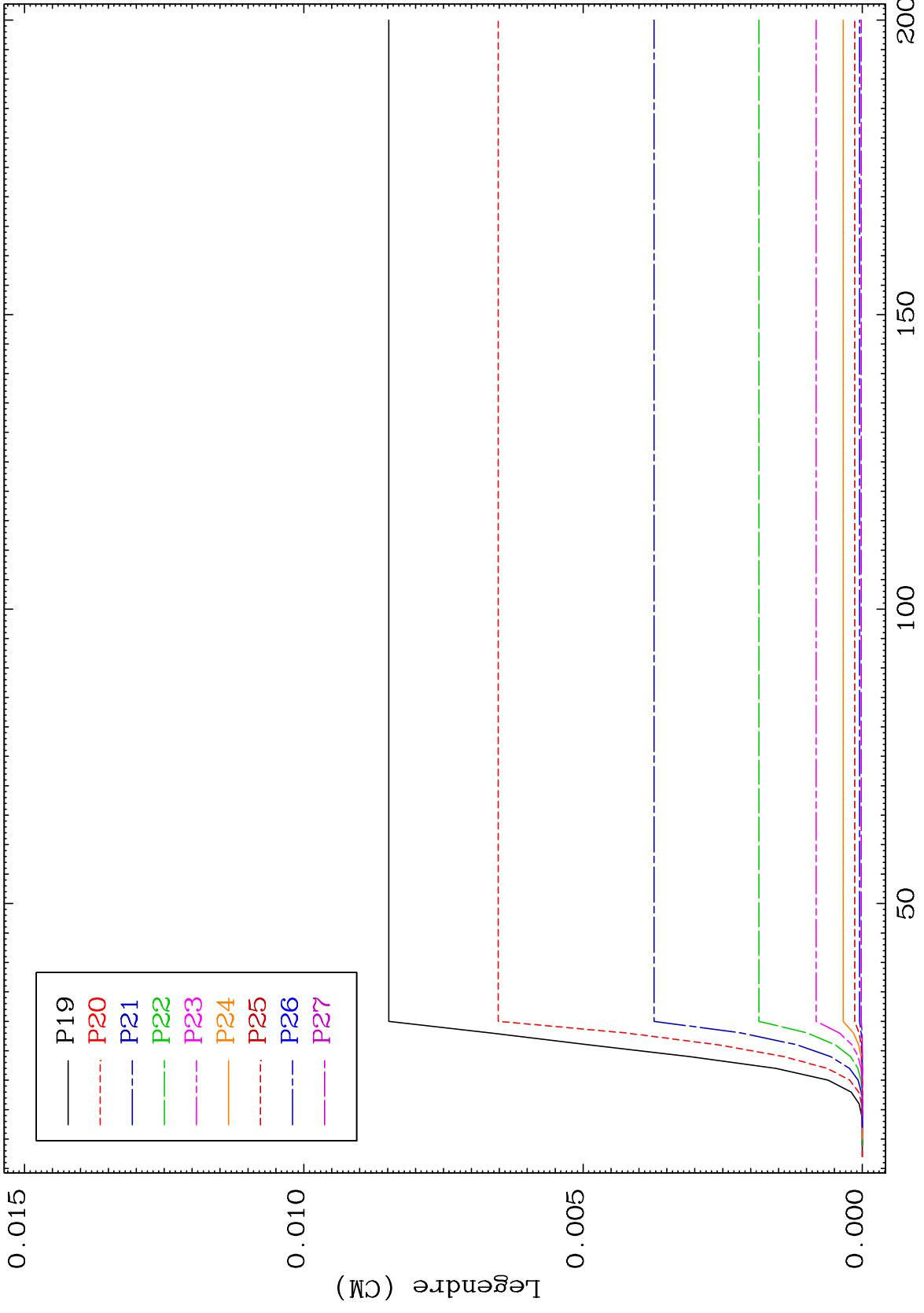
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



84

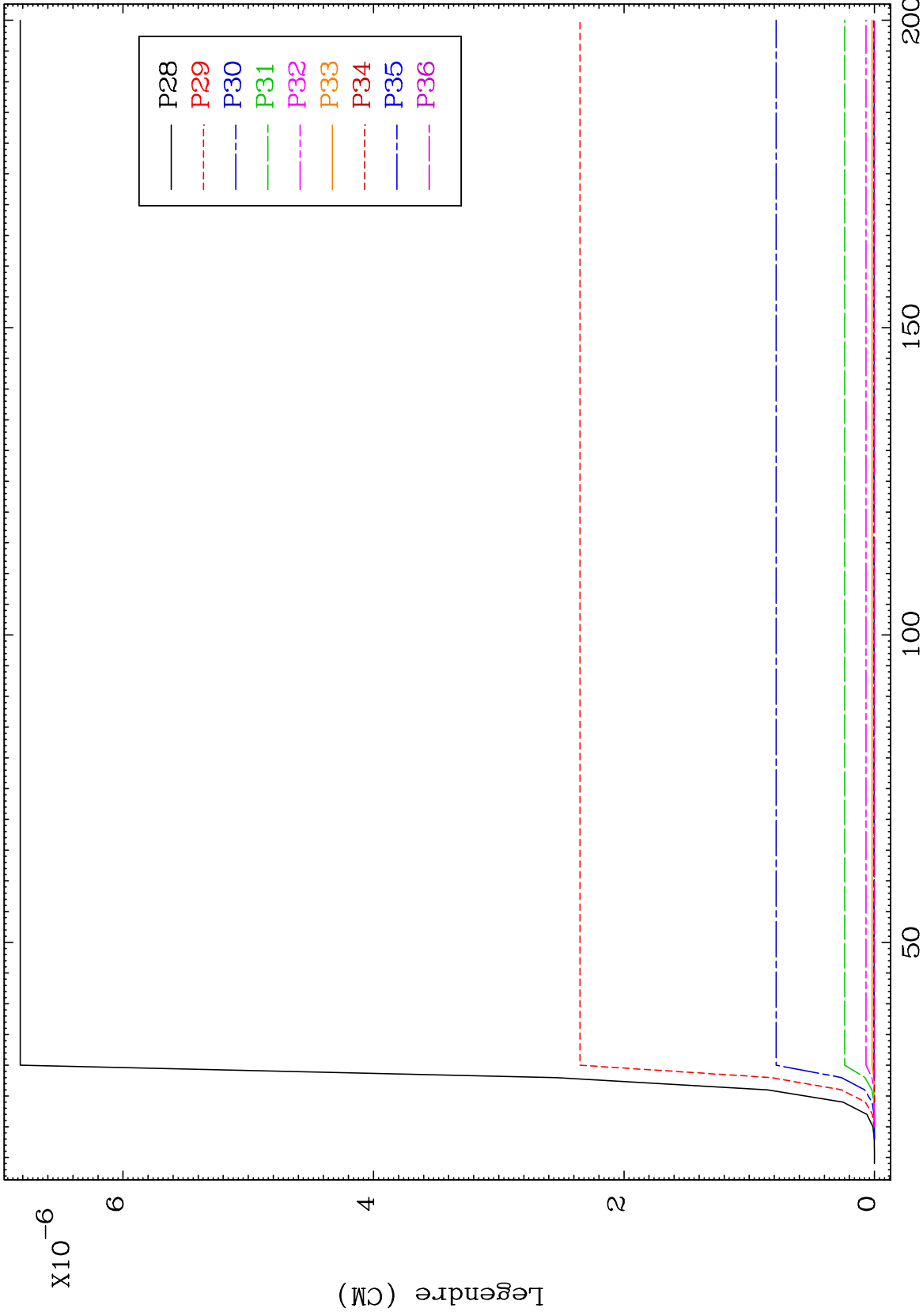
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



85

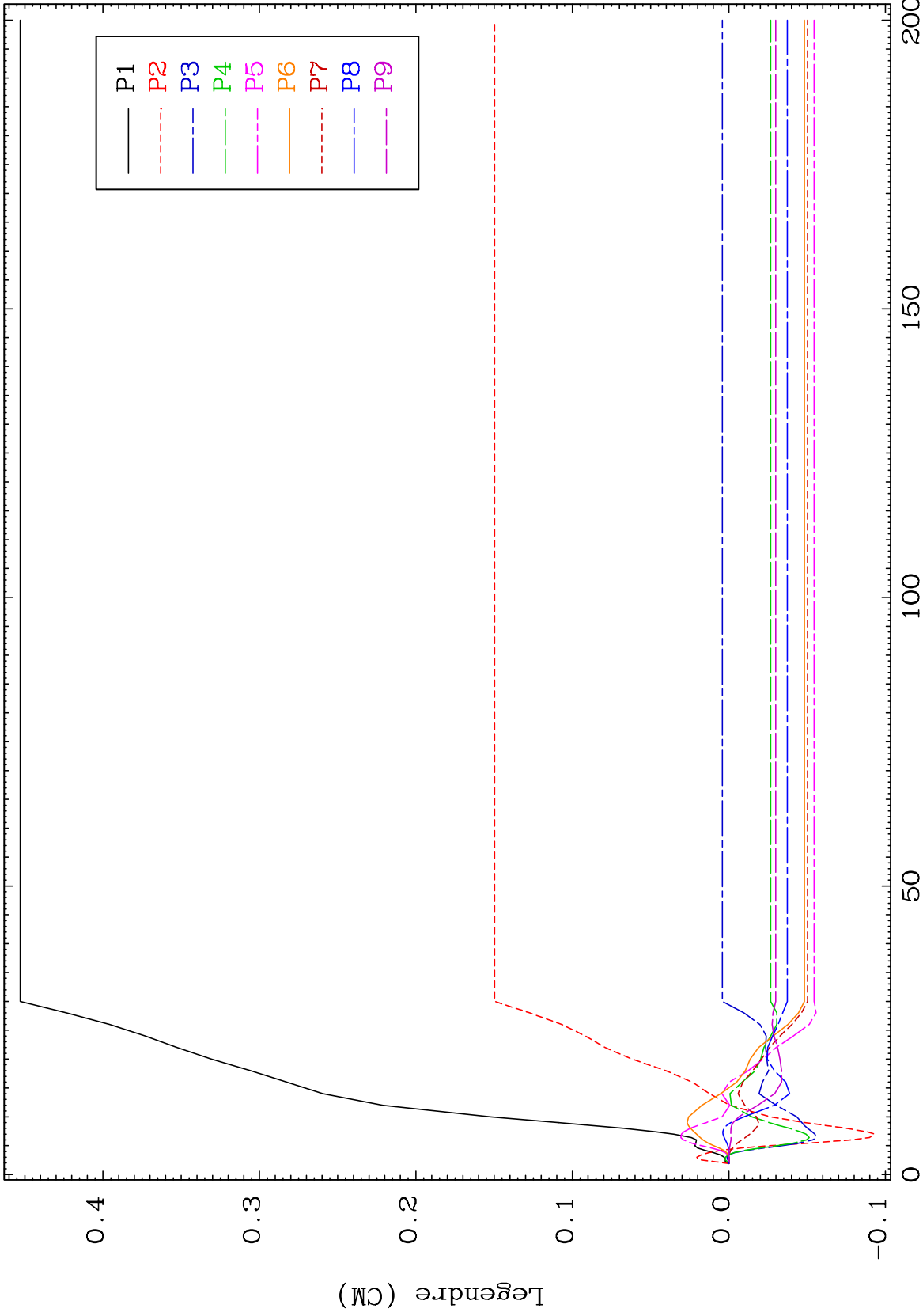
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



86

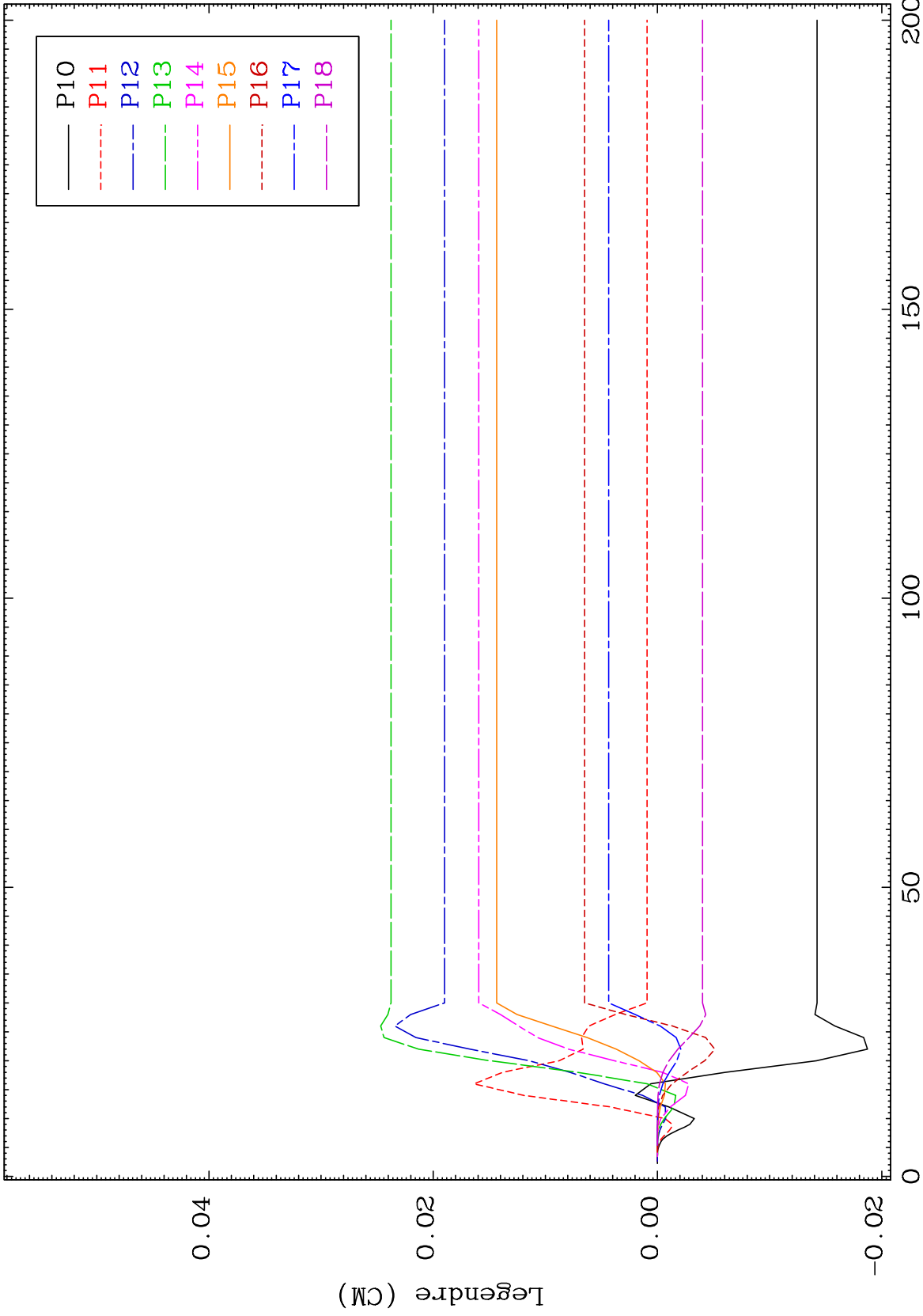
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



87

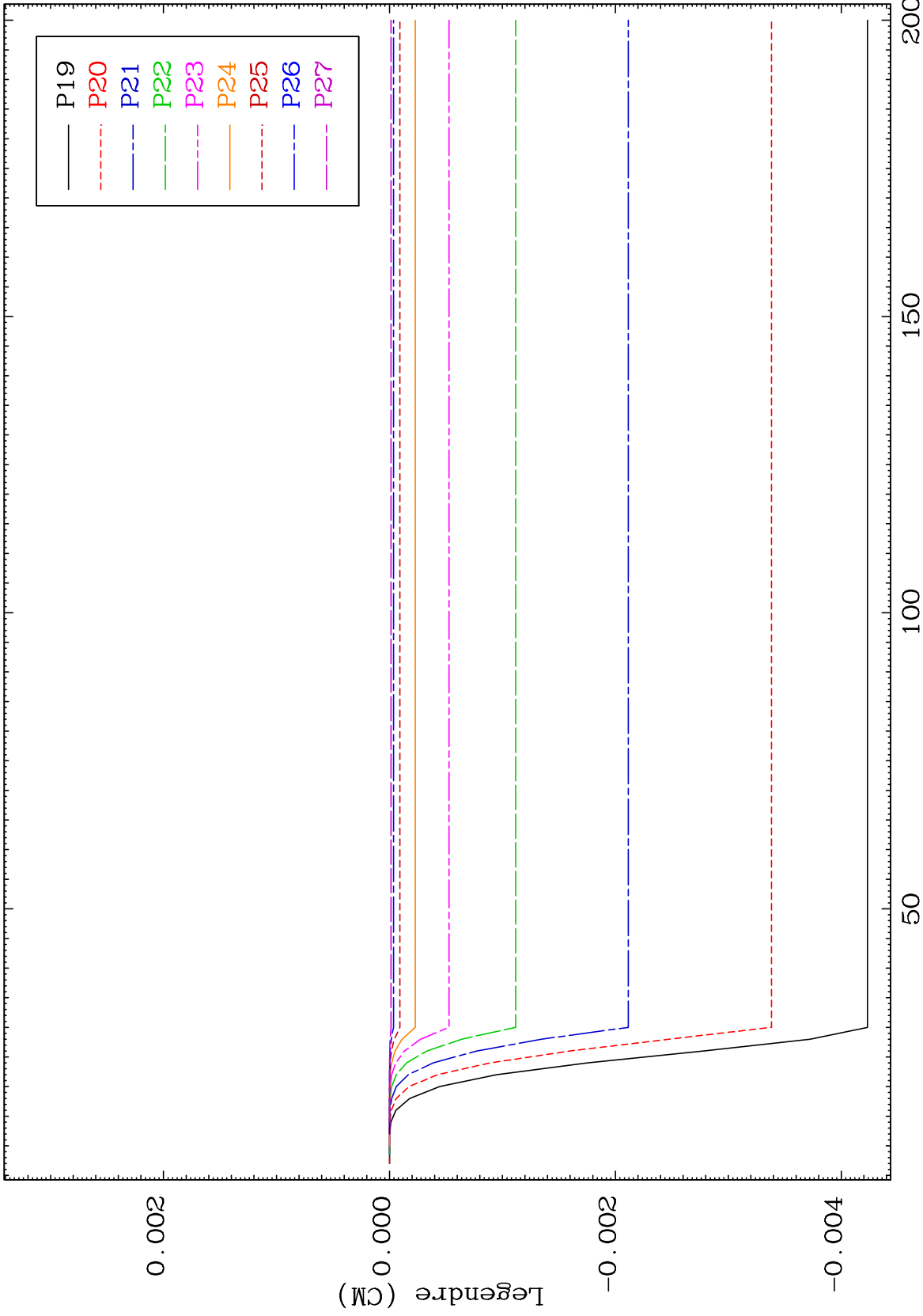
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



88

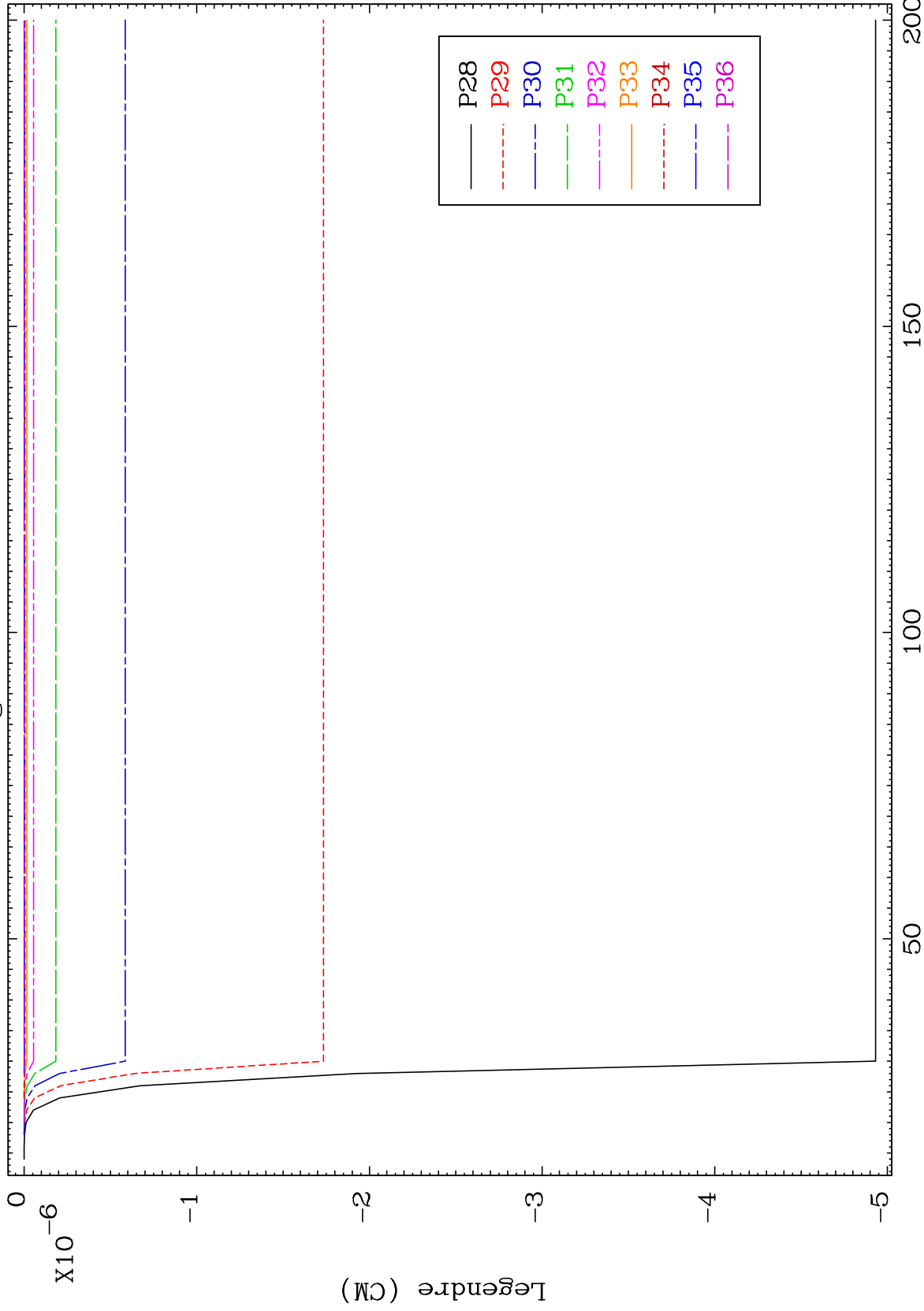
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



89

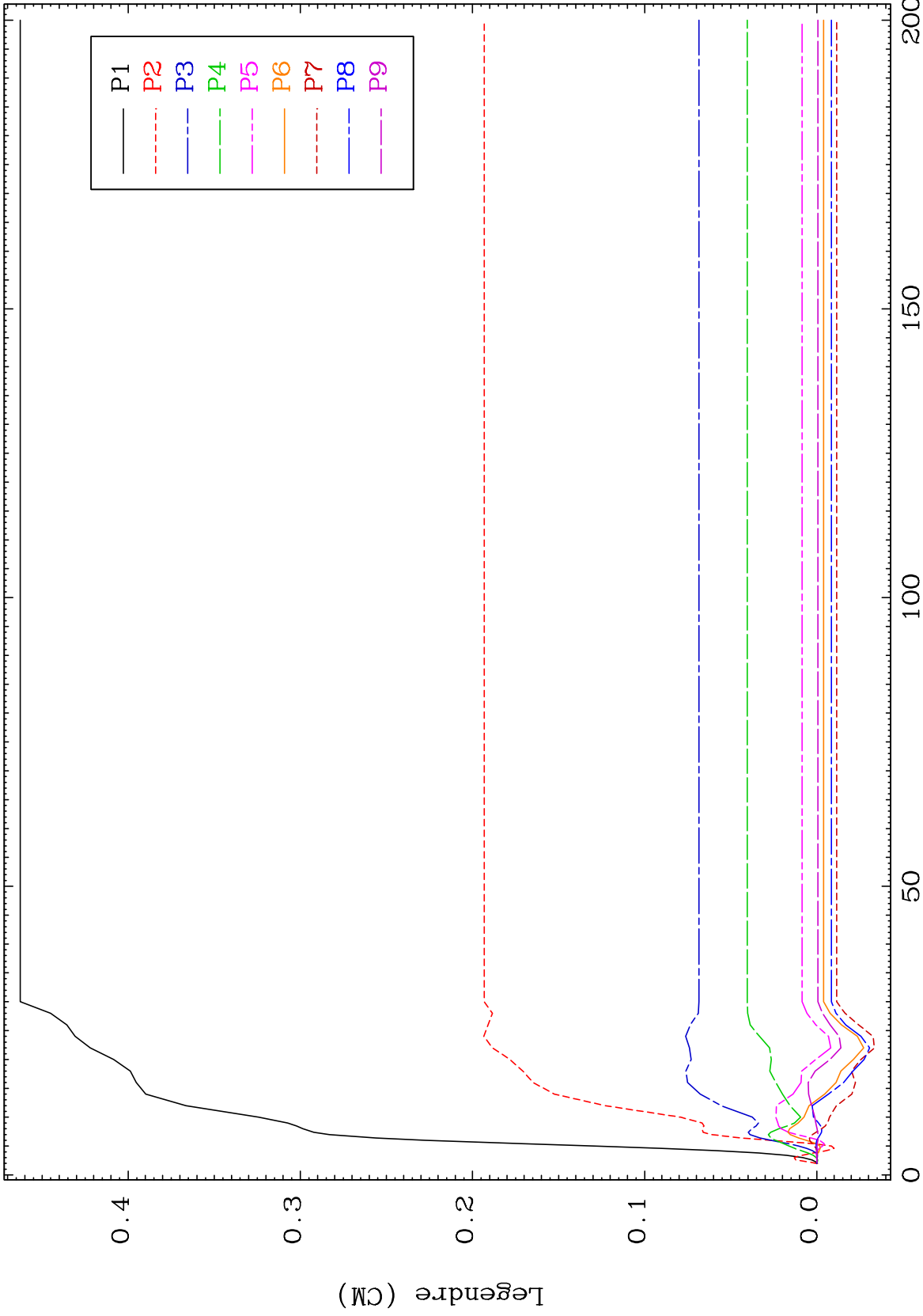
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



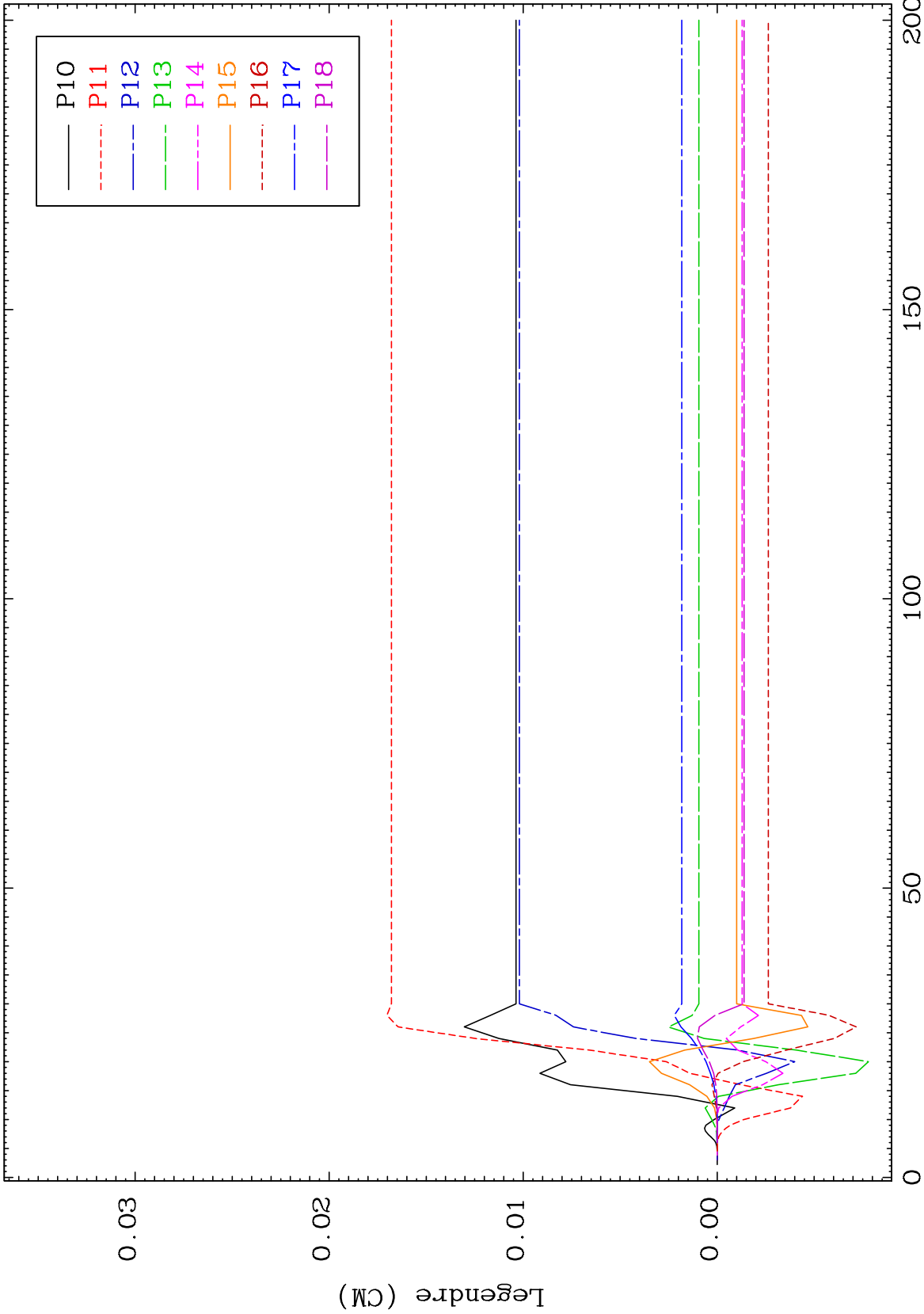
62-Sm-145

Incident Energy (MeV)

MAT 6228

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

62-Sm-145



91

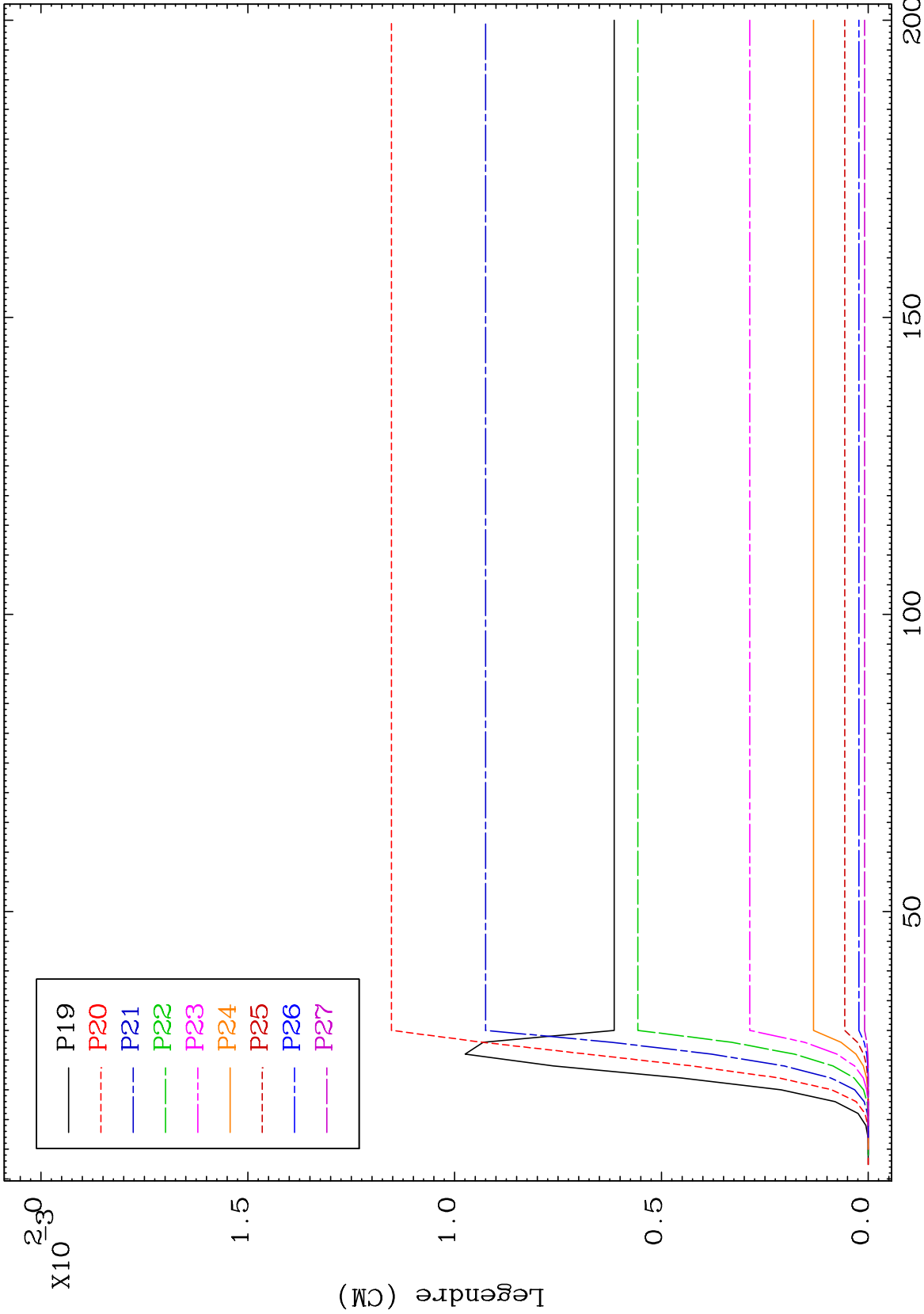
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



92

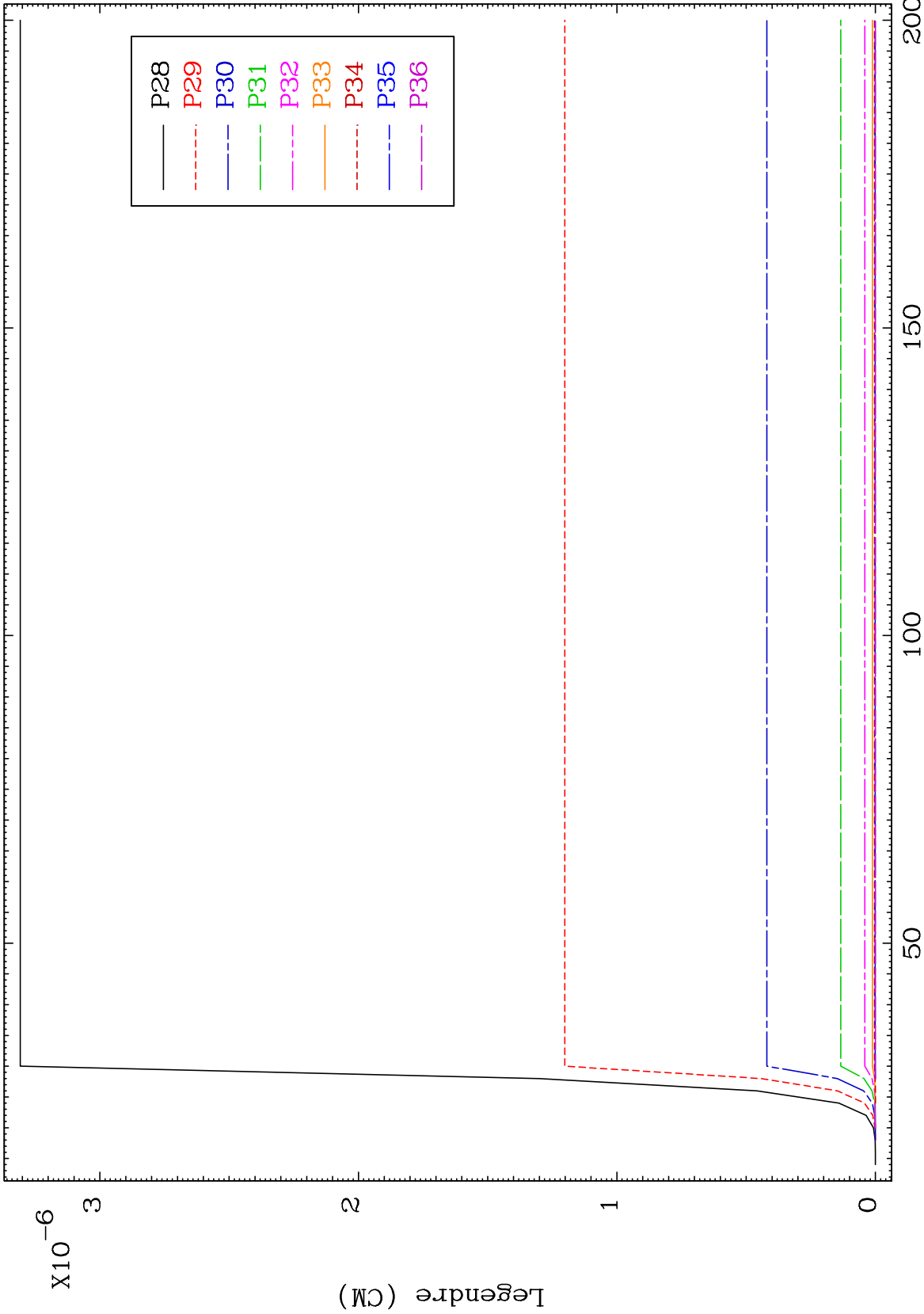
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



93

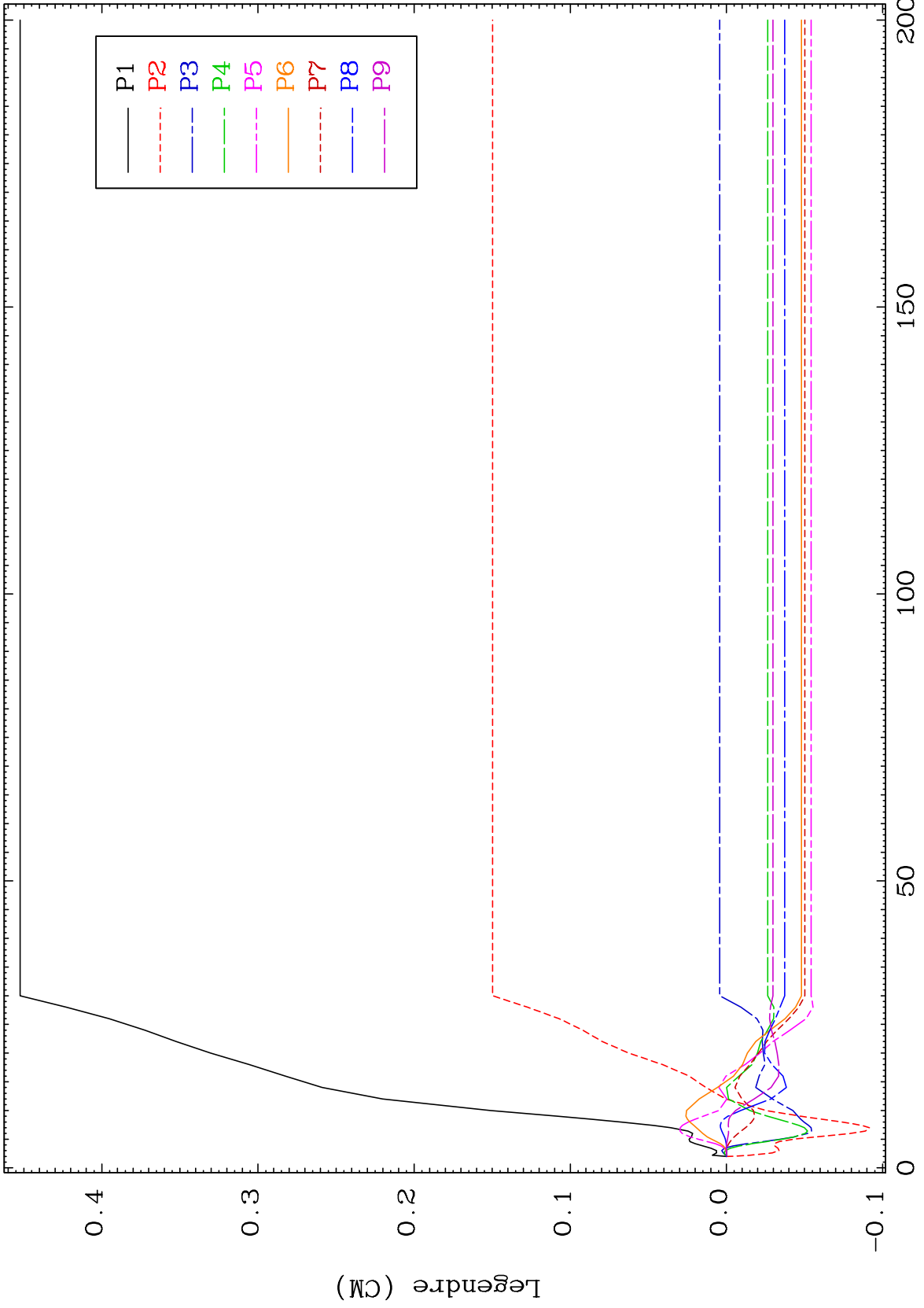
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



94

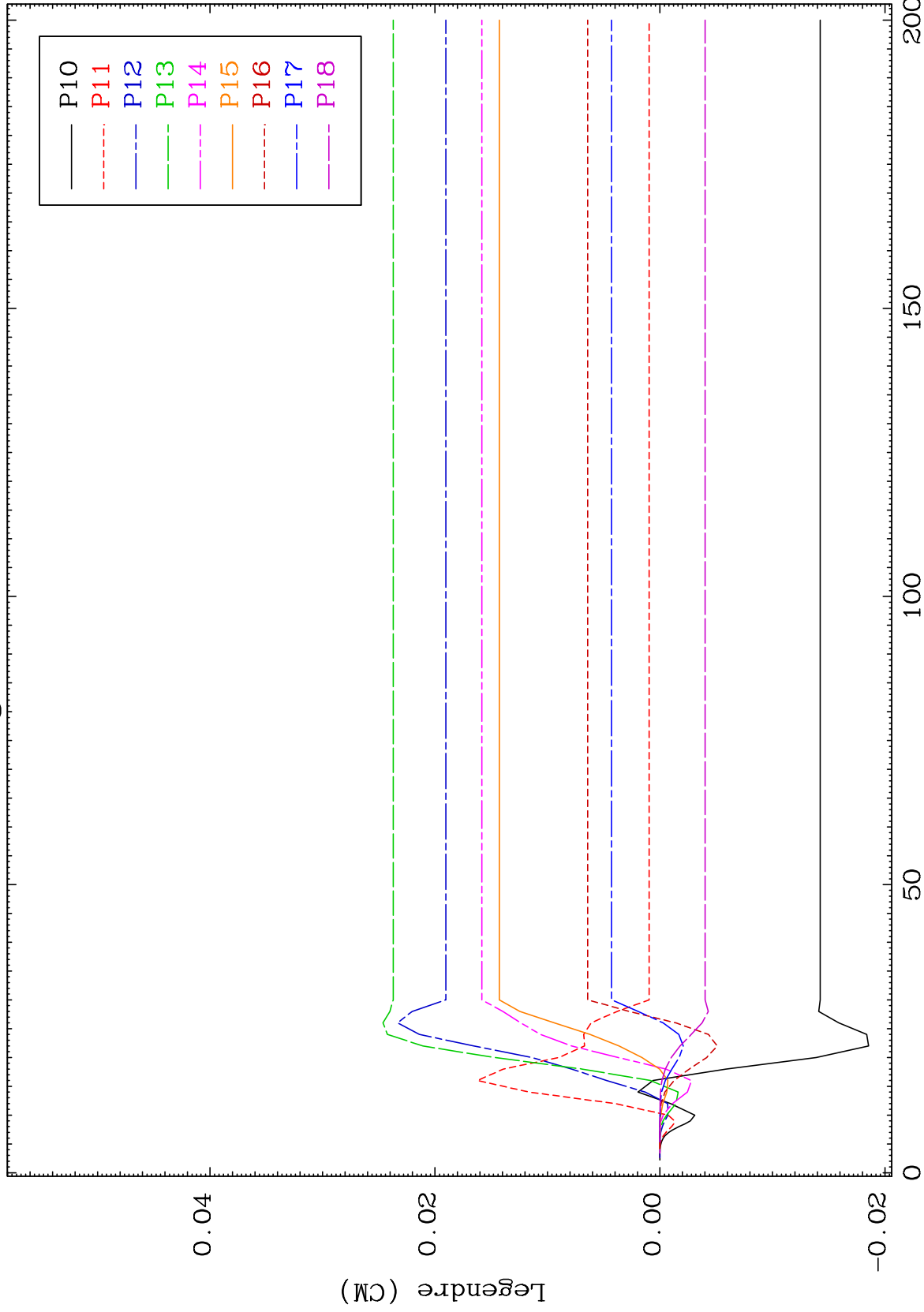
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



95

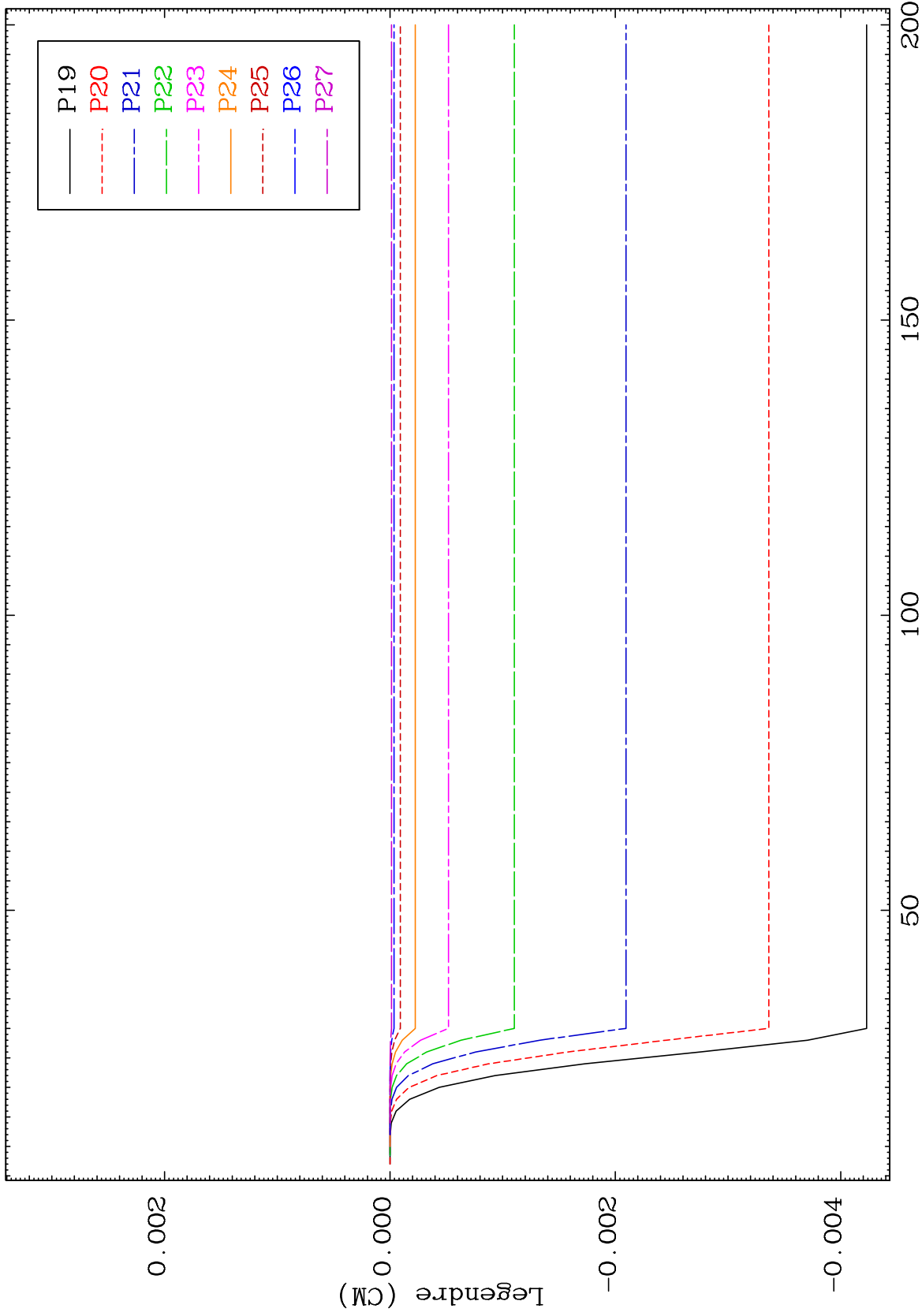
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



96

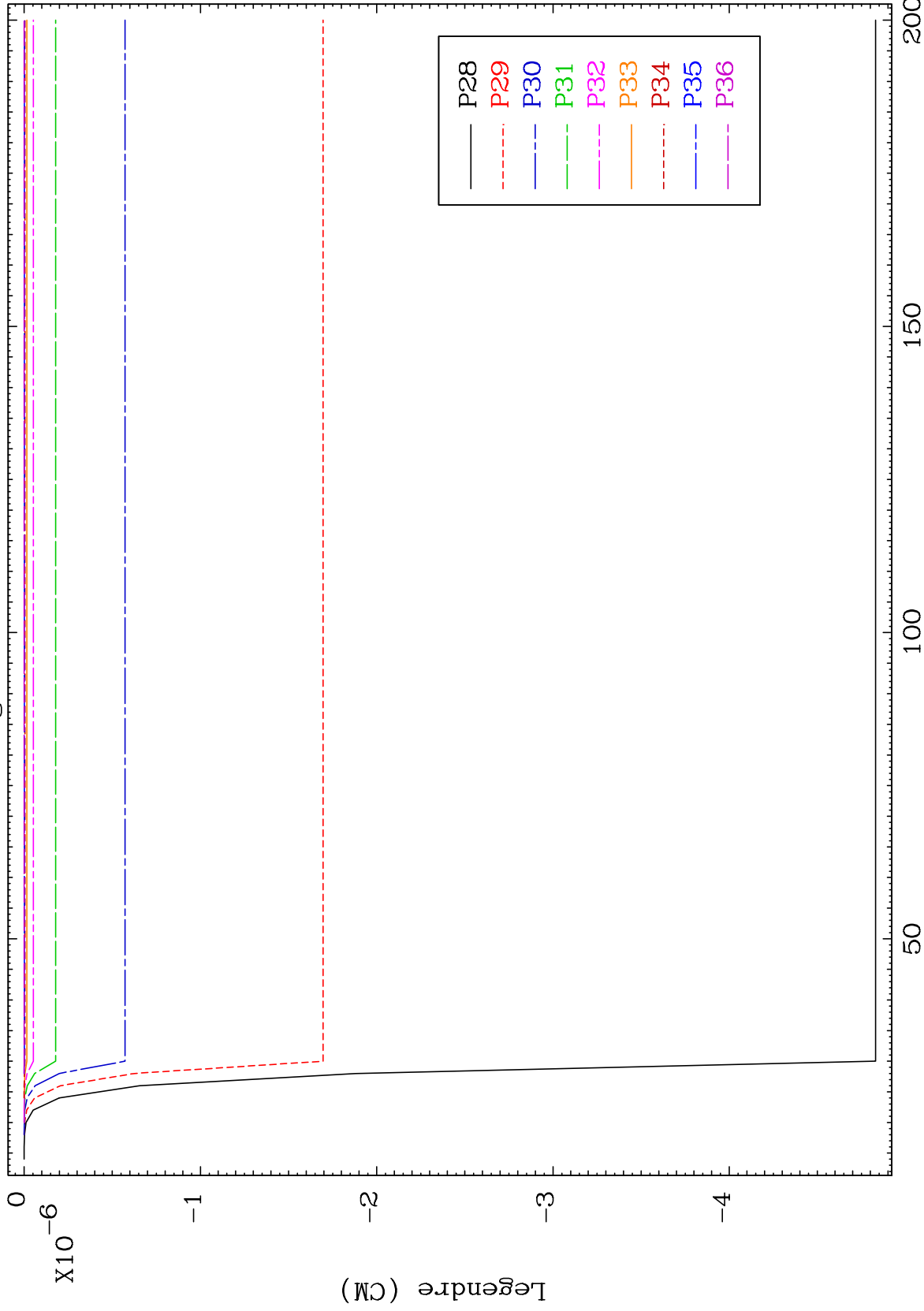
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

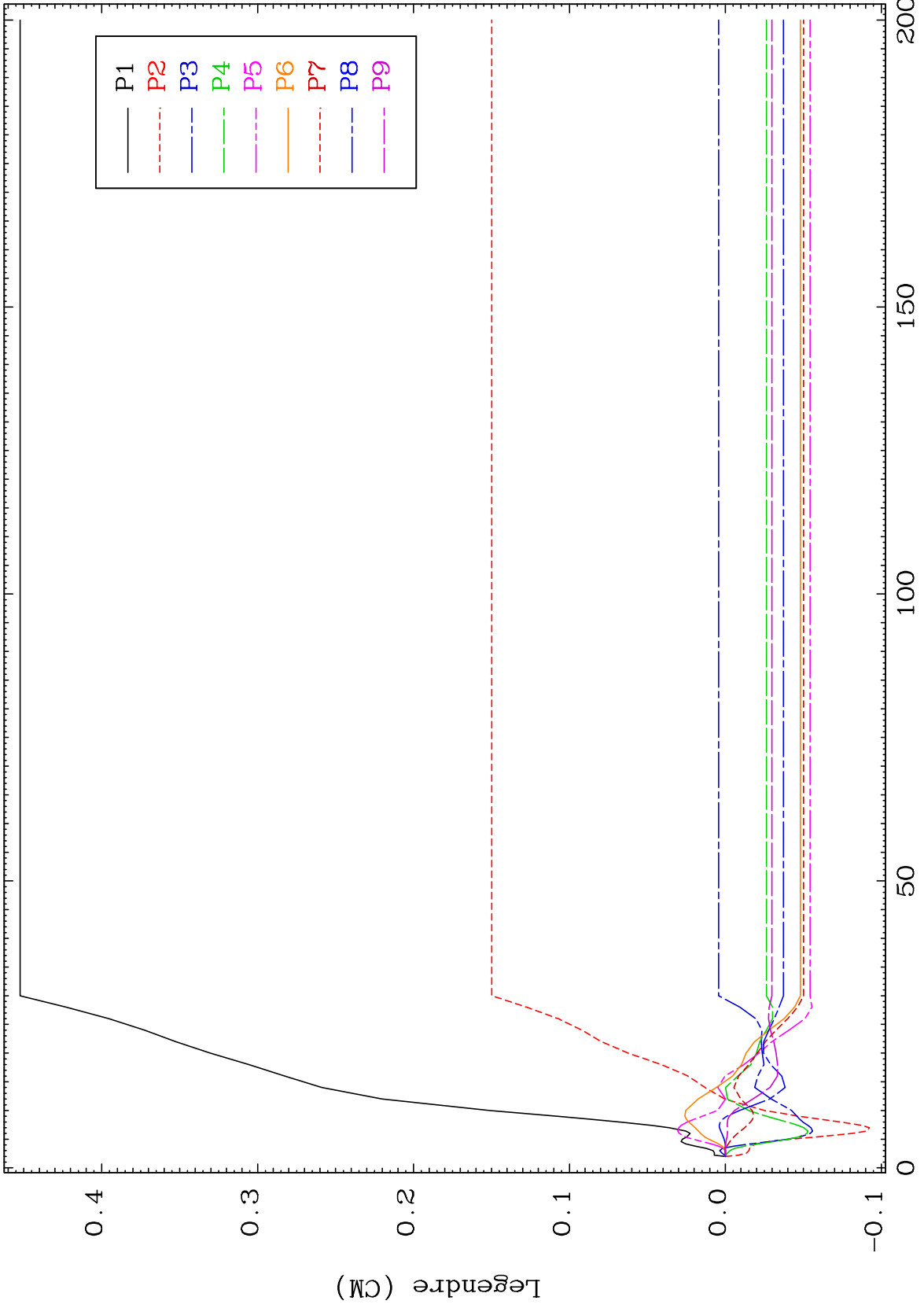
Incident Energy (MeV)

97

MAT 6228

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

62-Sm-145



98

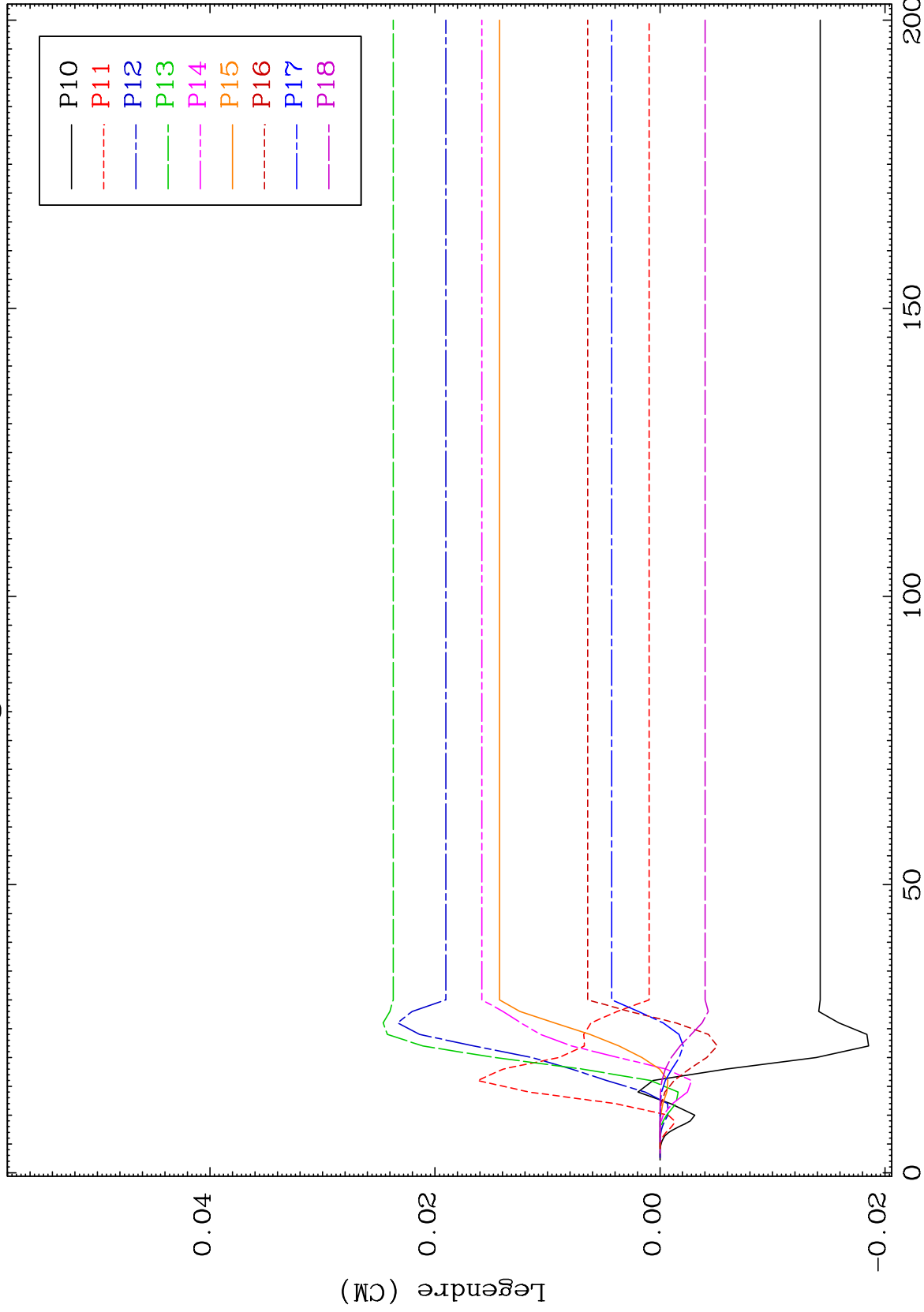
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



99

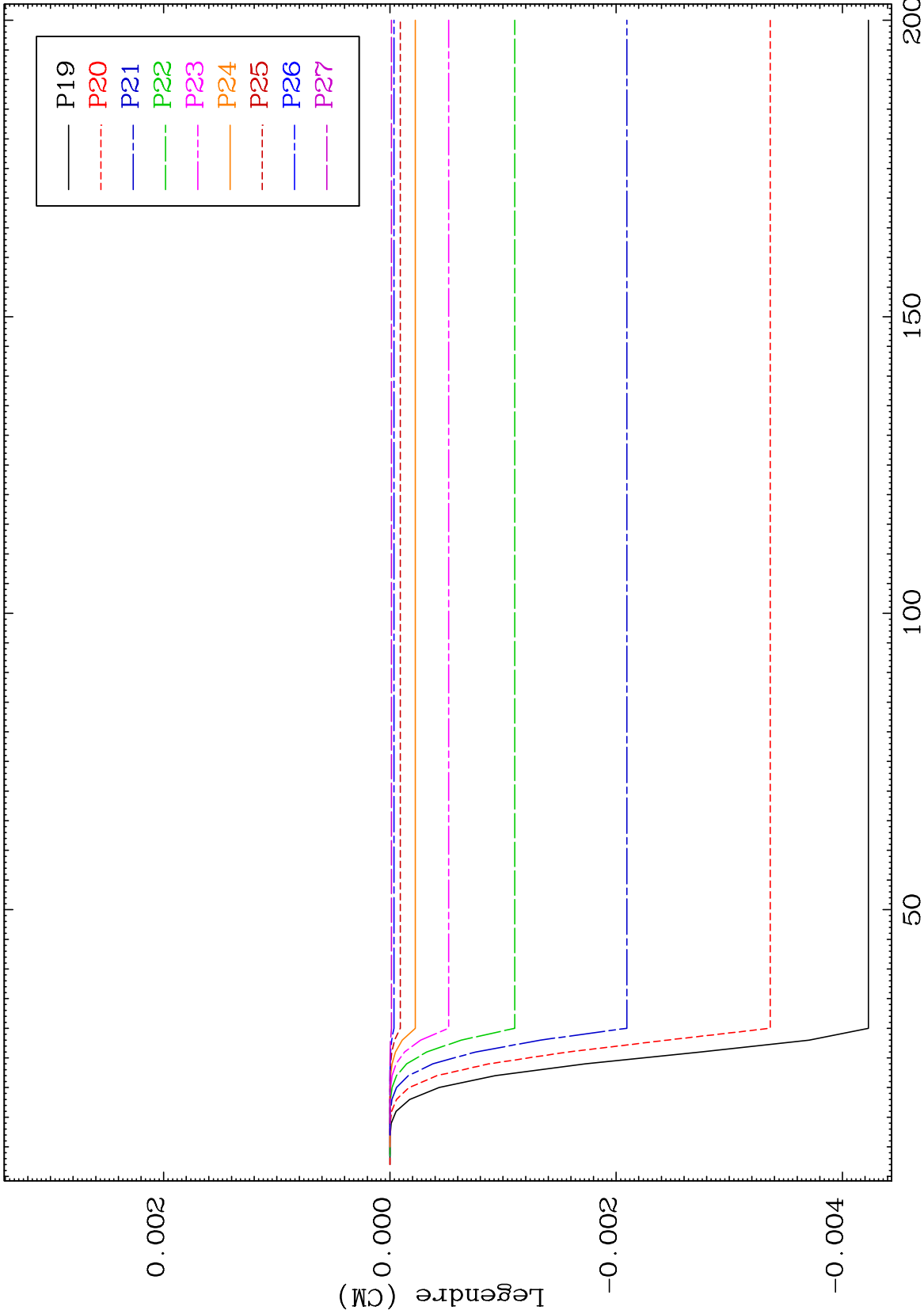
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



100

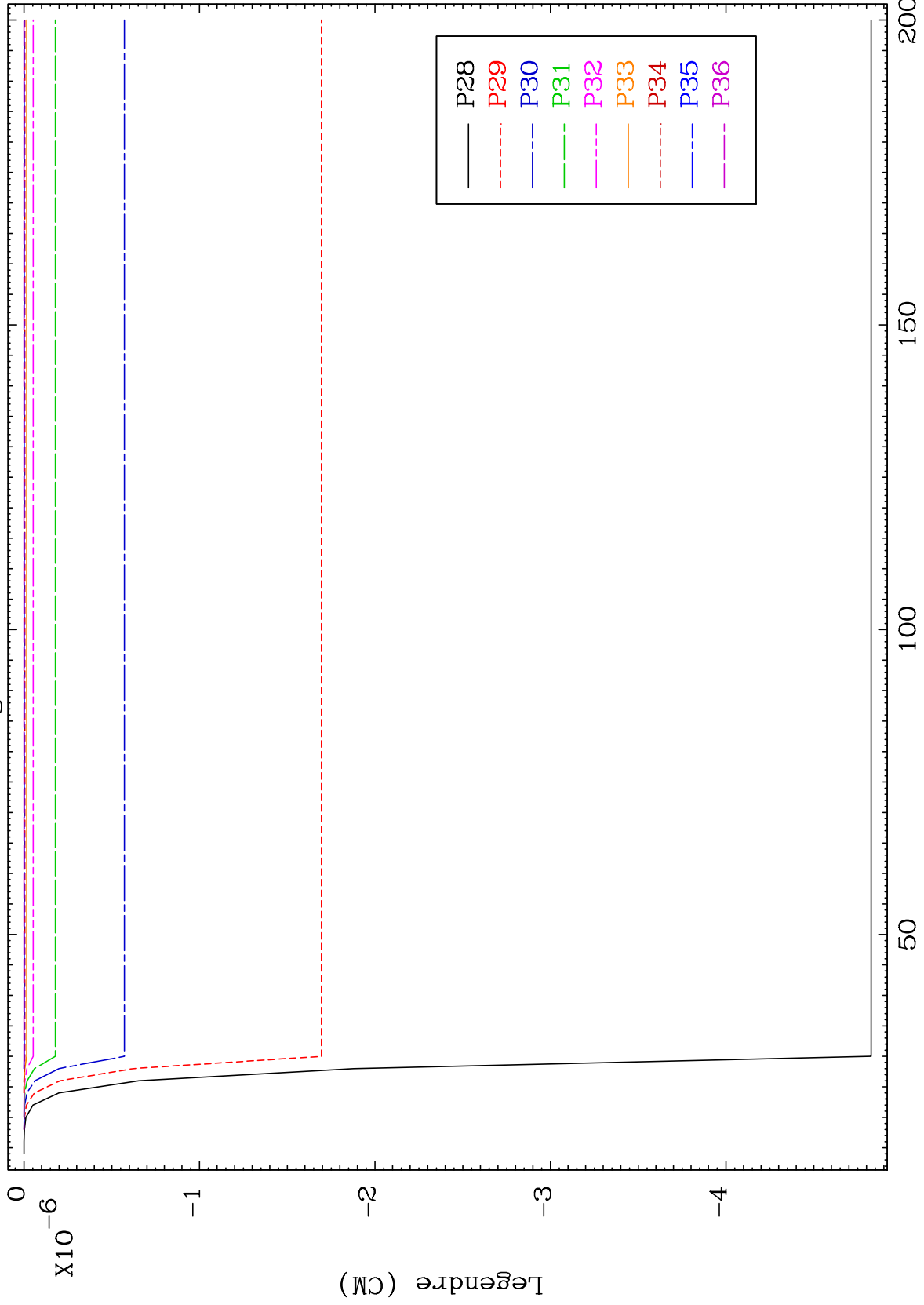
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

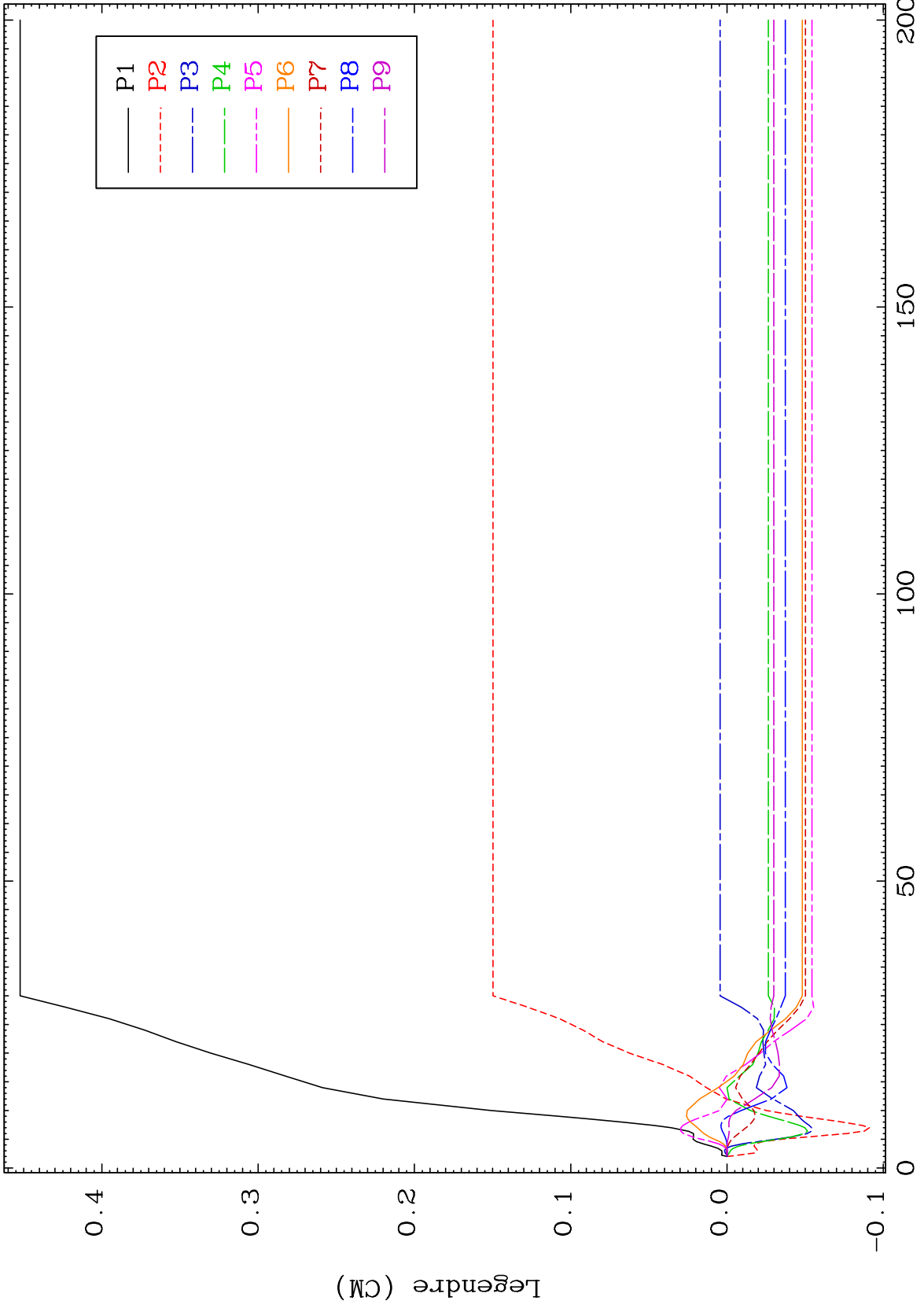
Incident Energy (MeV)

101

MAT 6228

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

62-Sm-145



62-Sm-145

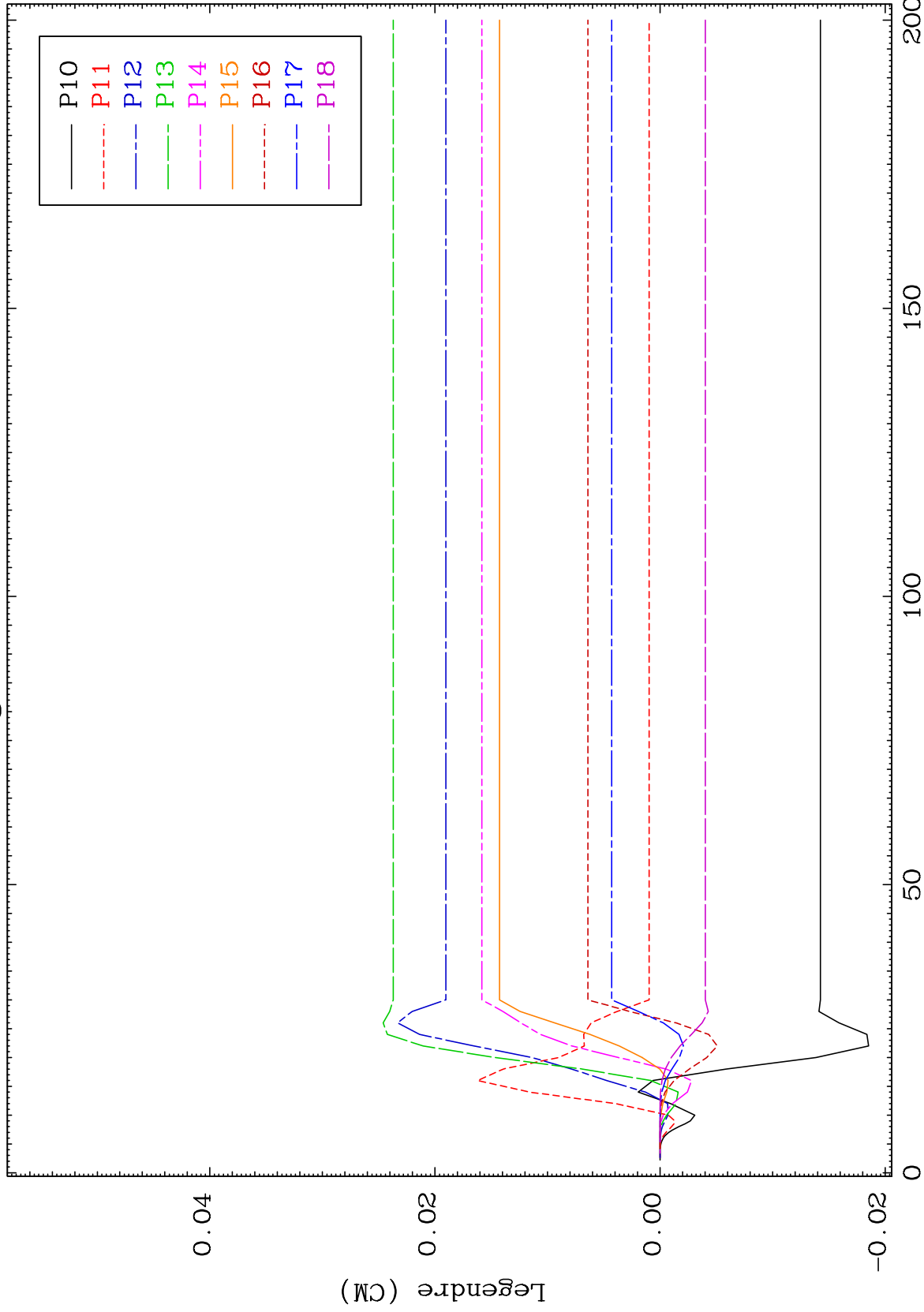
Incident Energy (MeV)

102

MAT 6228

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

62-Sm-145



103

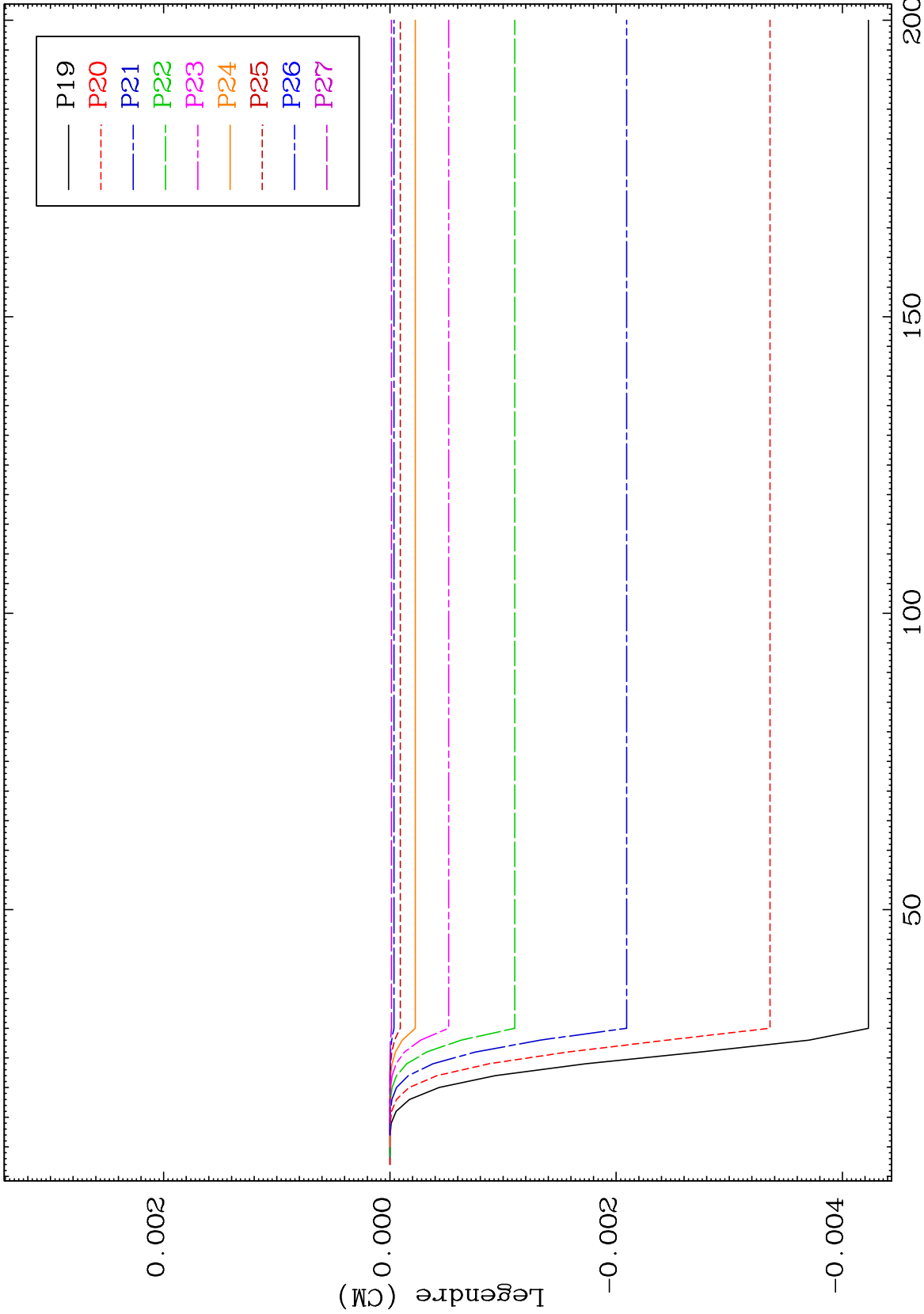
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

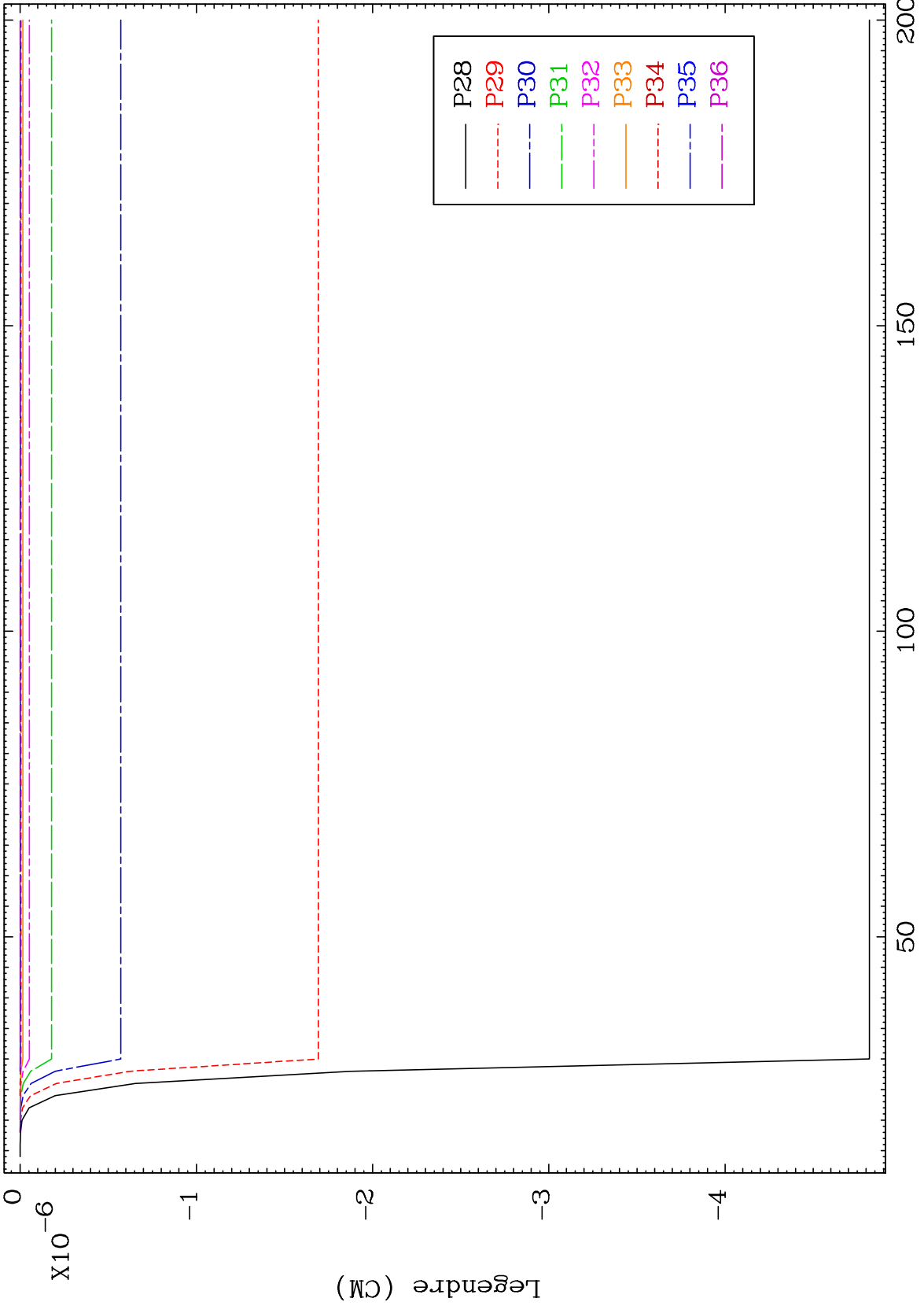


104

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 72 (n,n') Level Legendre Coefficients 62-Sm-145

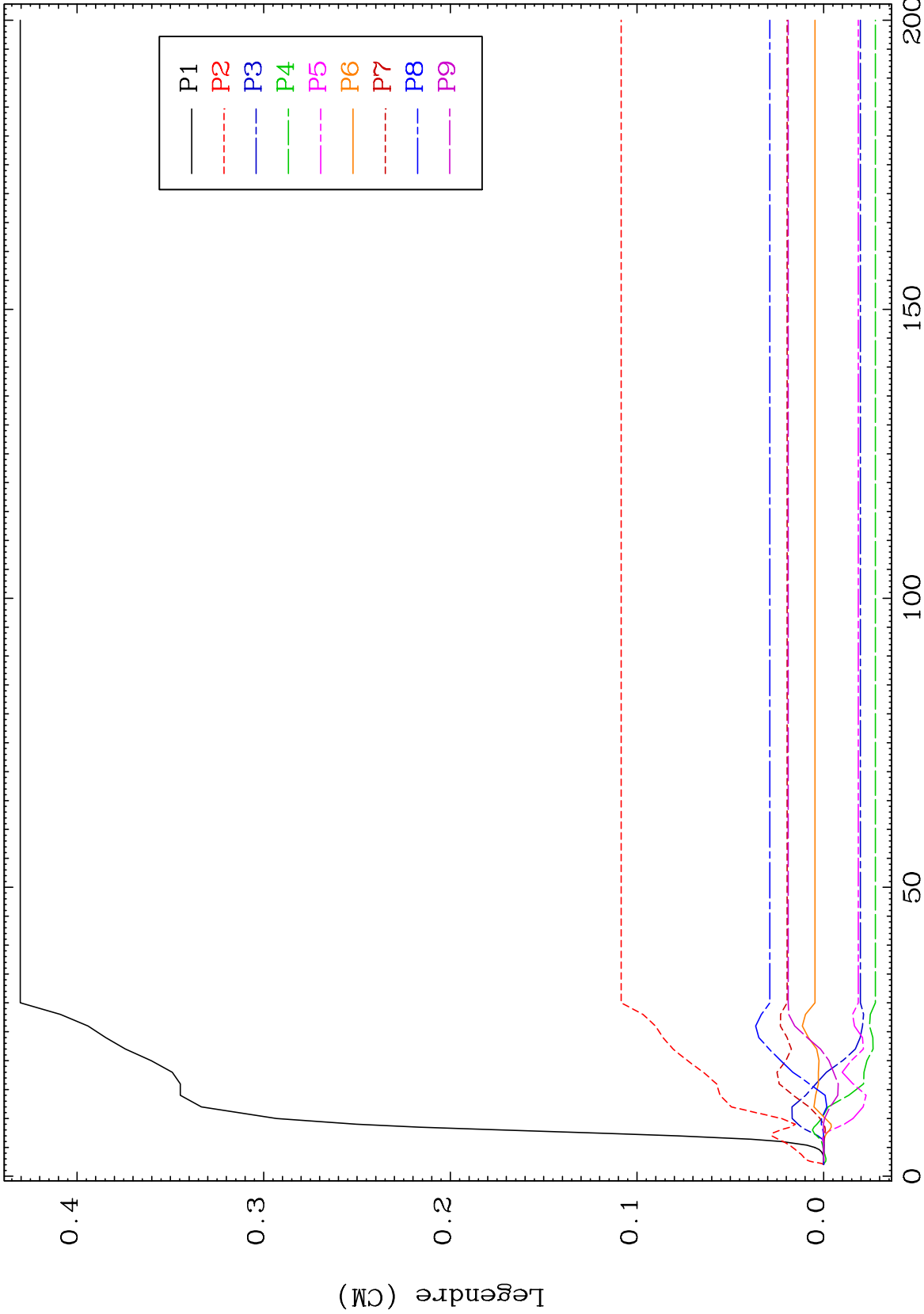


105 Incident Energy (MeV) 62-Sm-145

MAT 6228

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

62-Sm-145



106

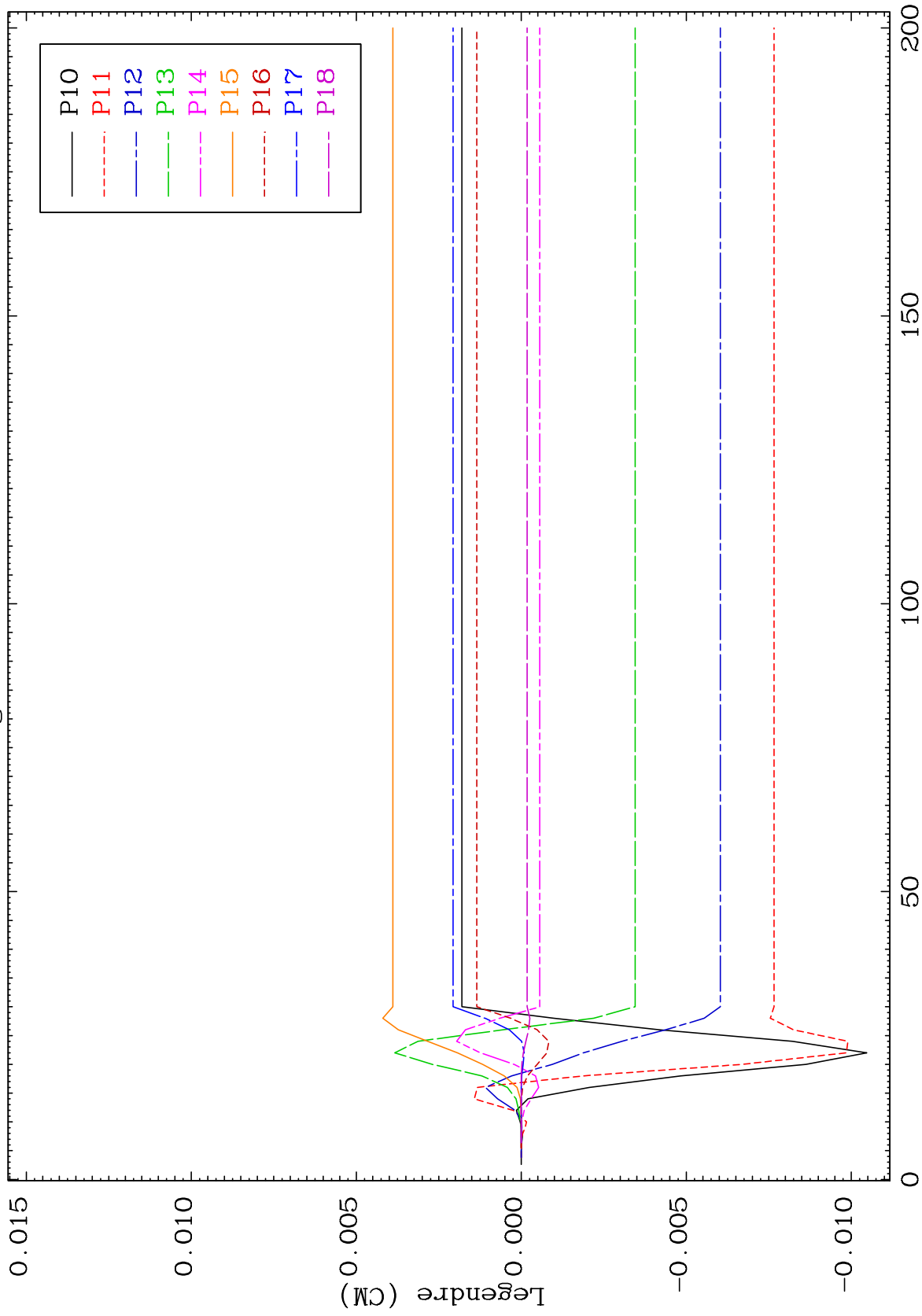
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

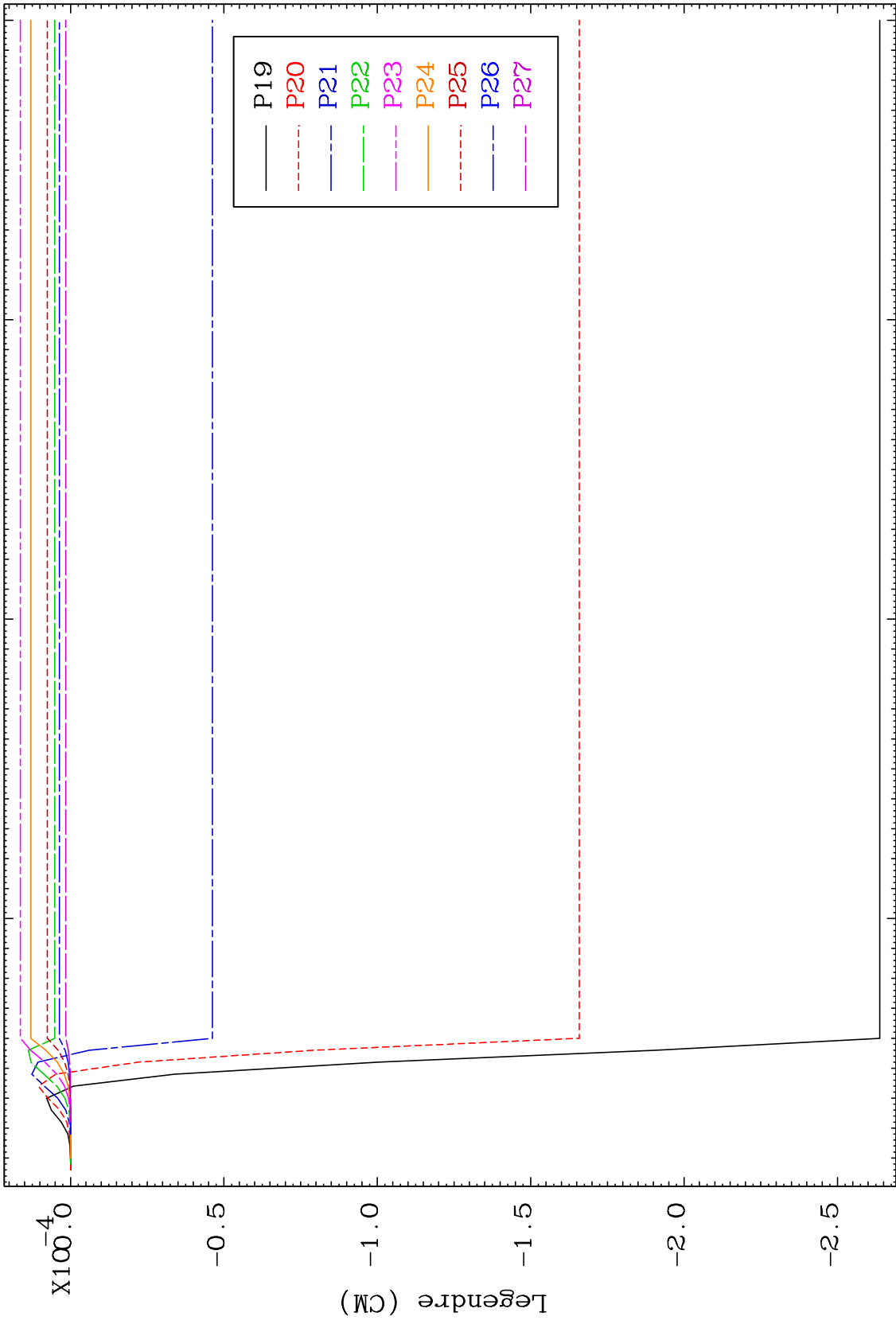
62-Sm-145



107

62-Sm-145

MAT 6228 MT= 73 (n,n') Level Legendre Coefficients 62-Sm-145

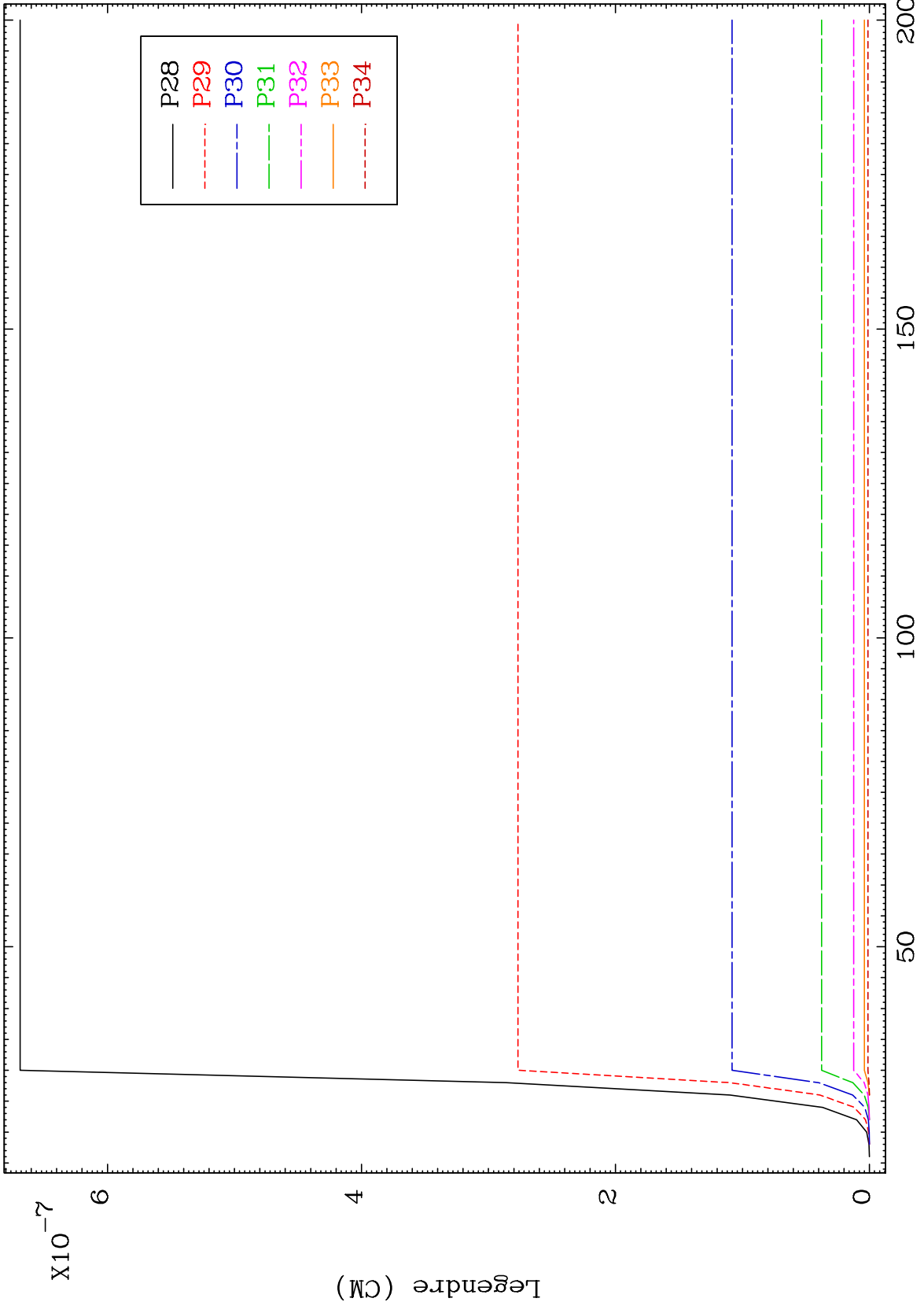


108 62-Sm-145

MAT 6228

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

62-Sm-145



109

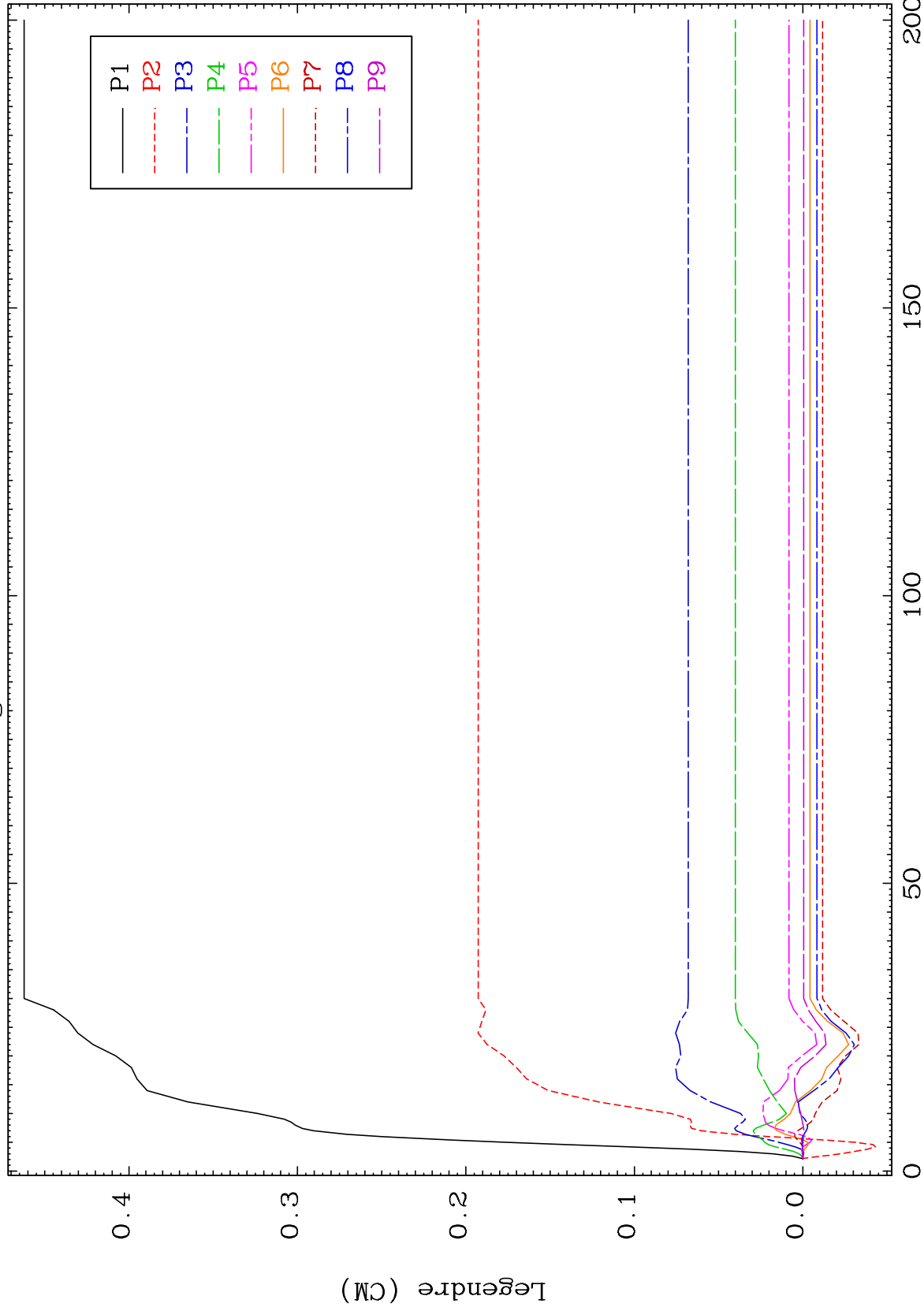
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

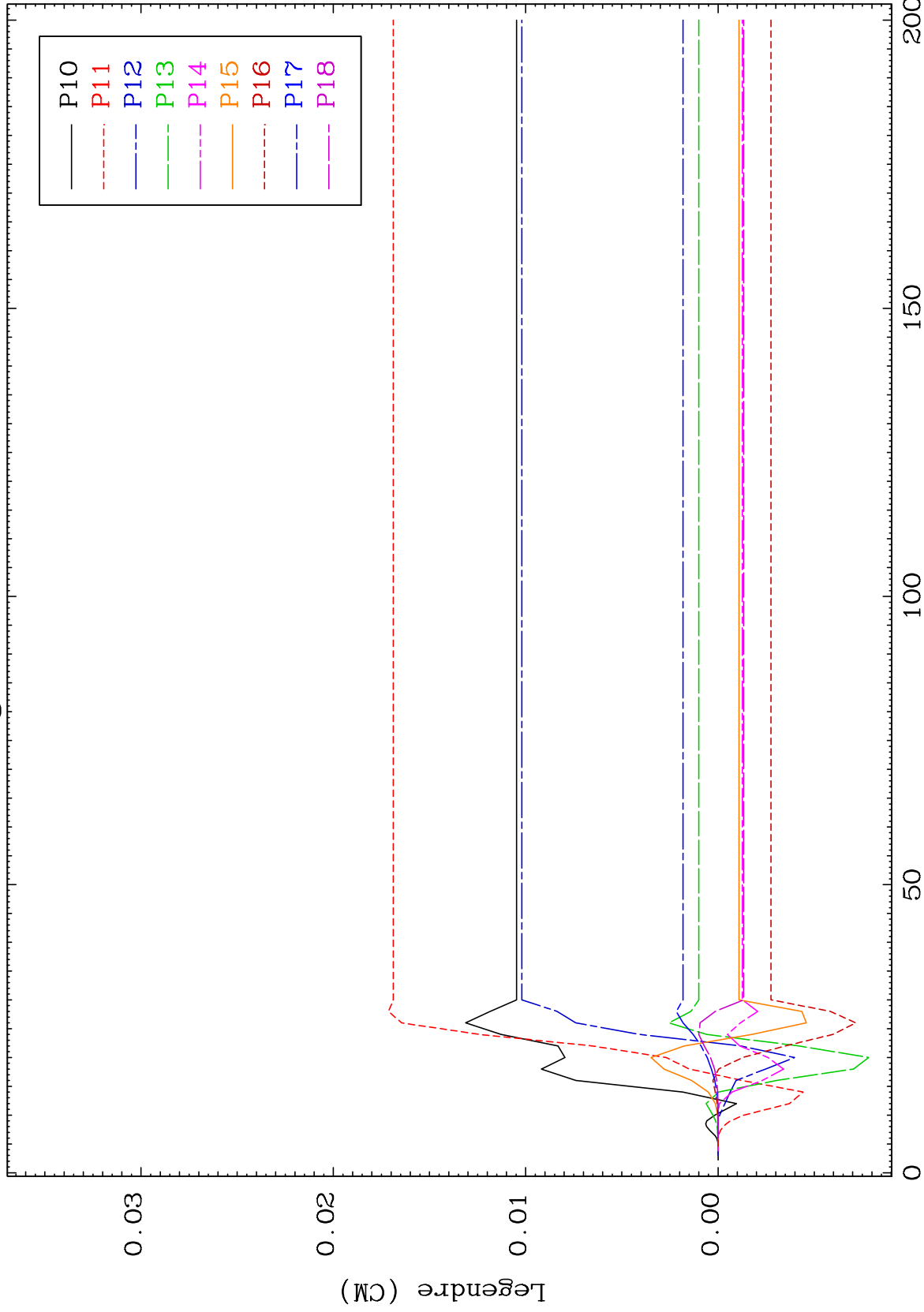
Incident Energy (MeV)

110

MAT 6228

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

62-Sm-145



111

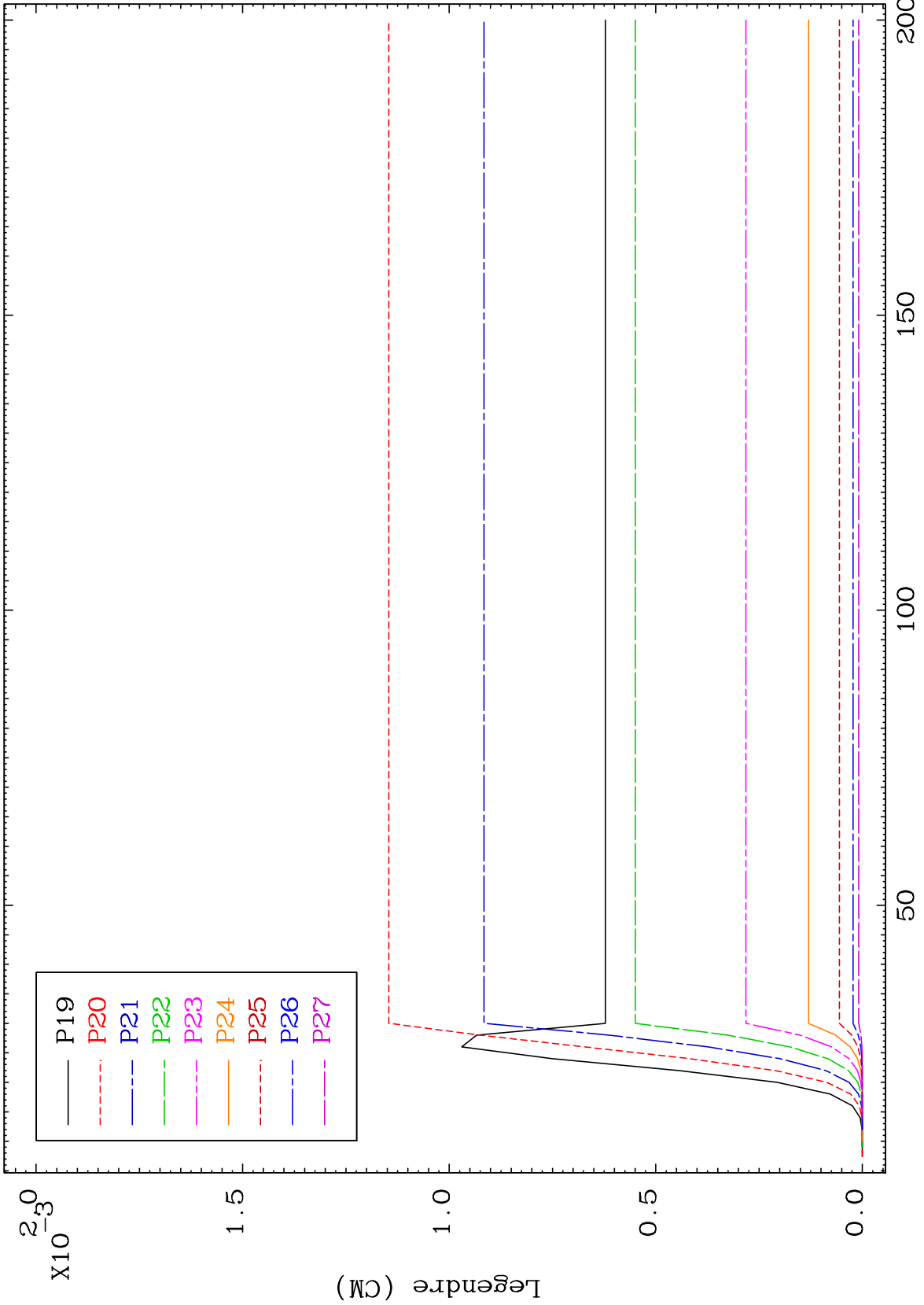
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

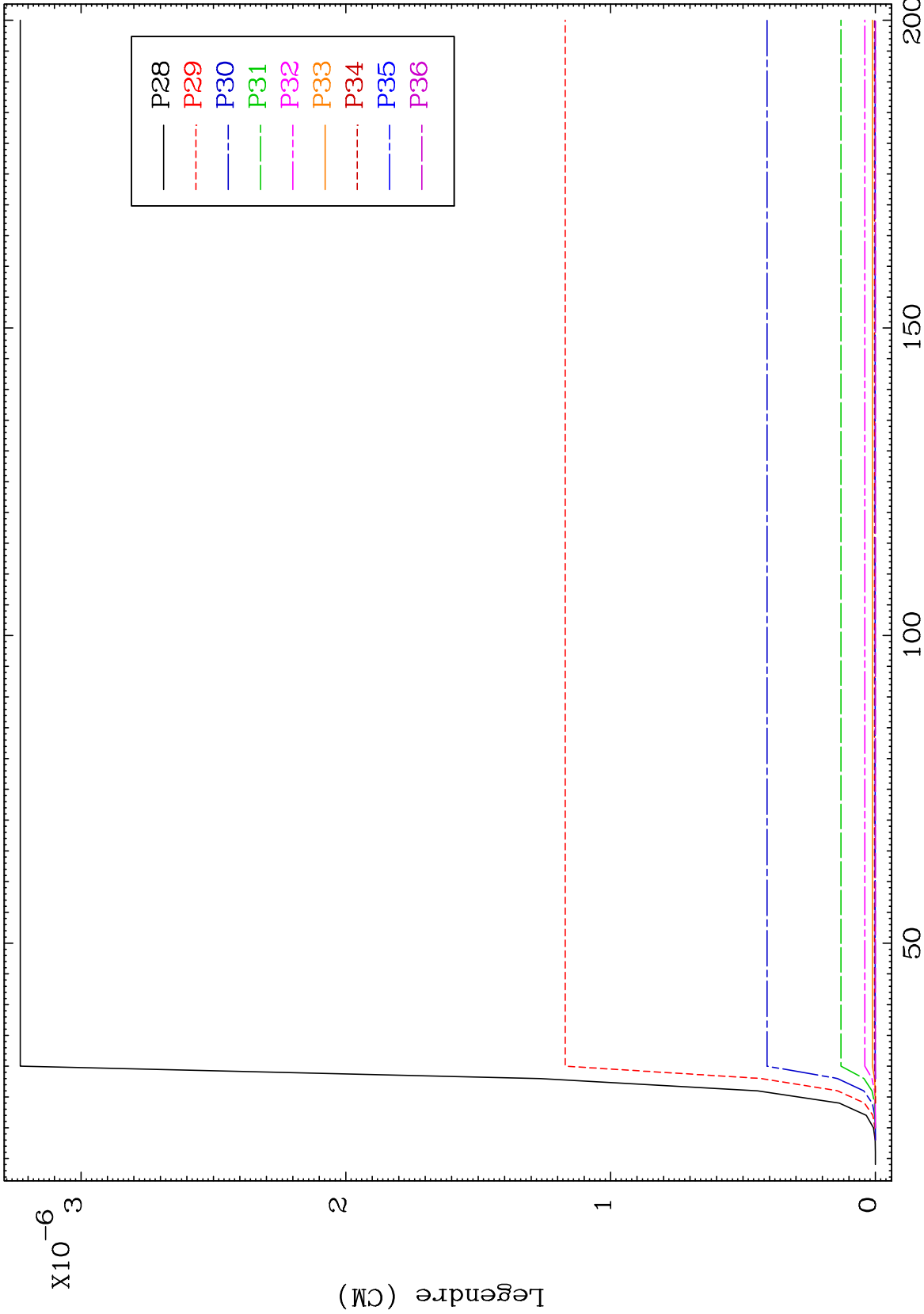
62-Sm-145



MAT 6228

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

62-Sm-145



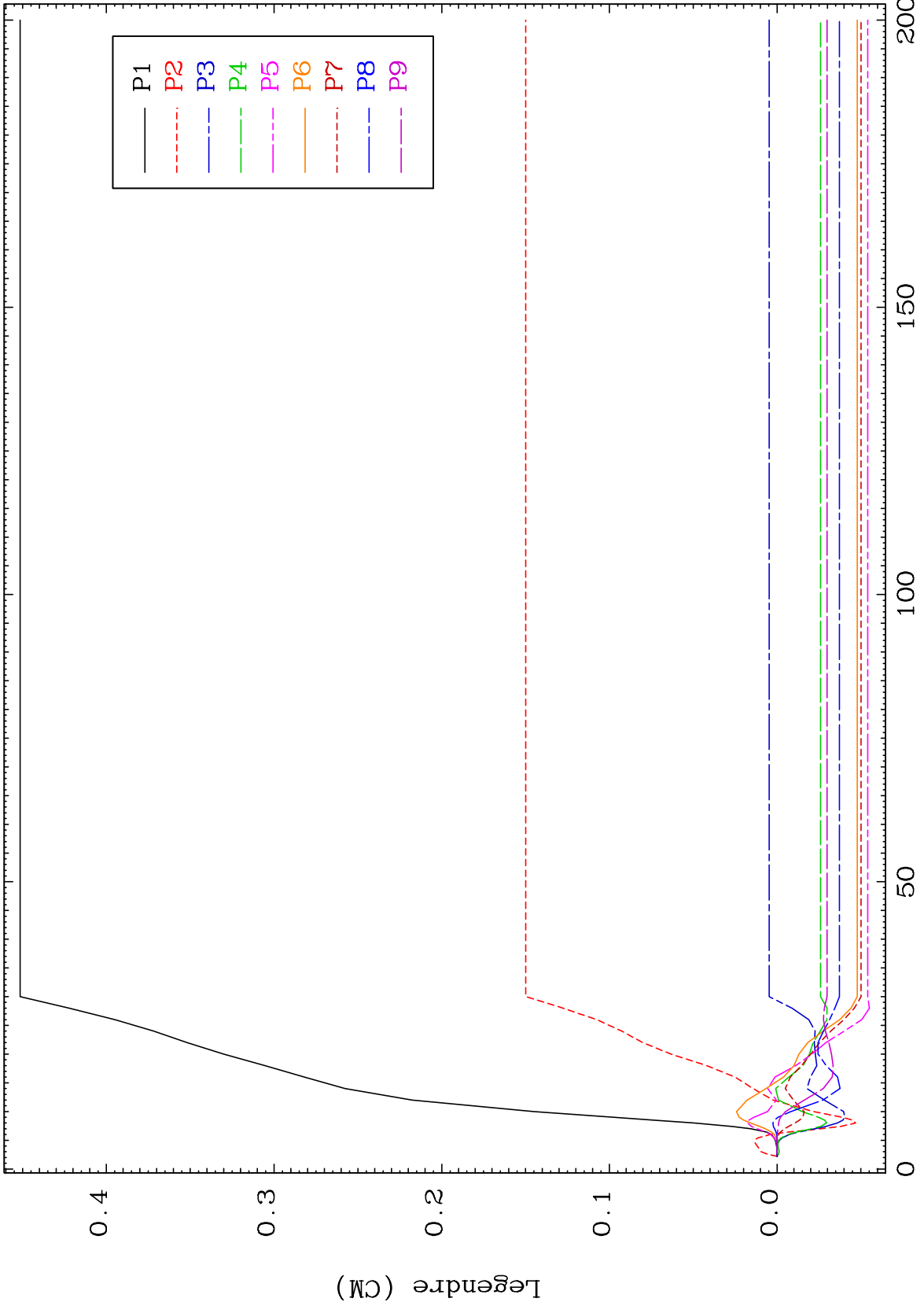
113

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

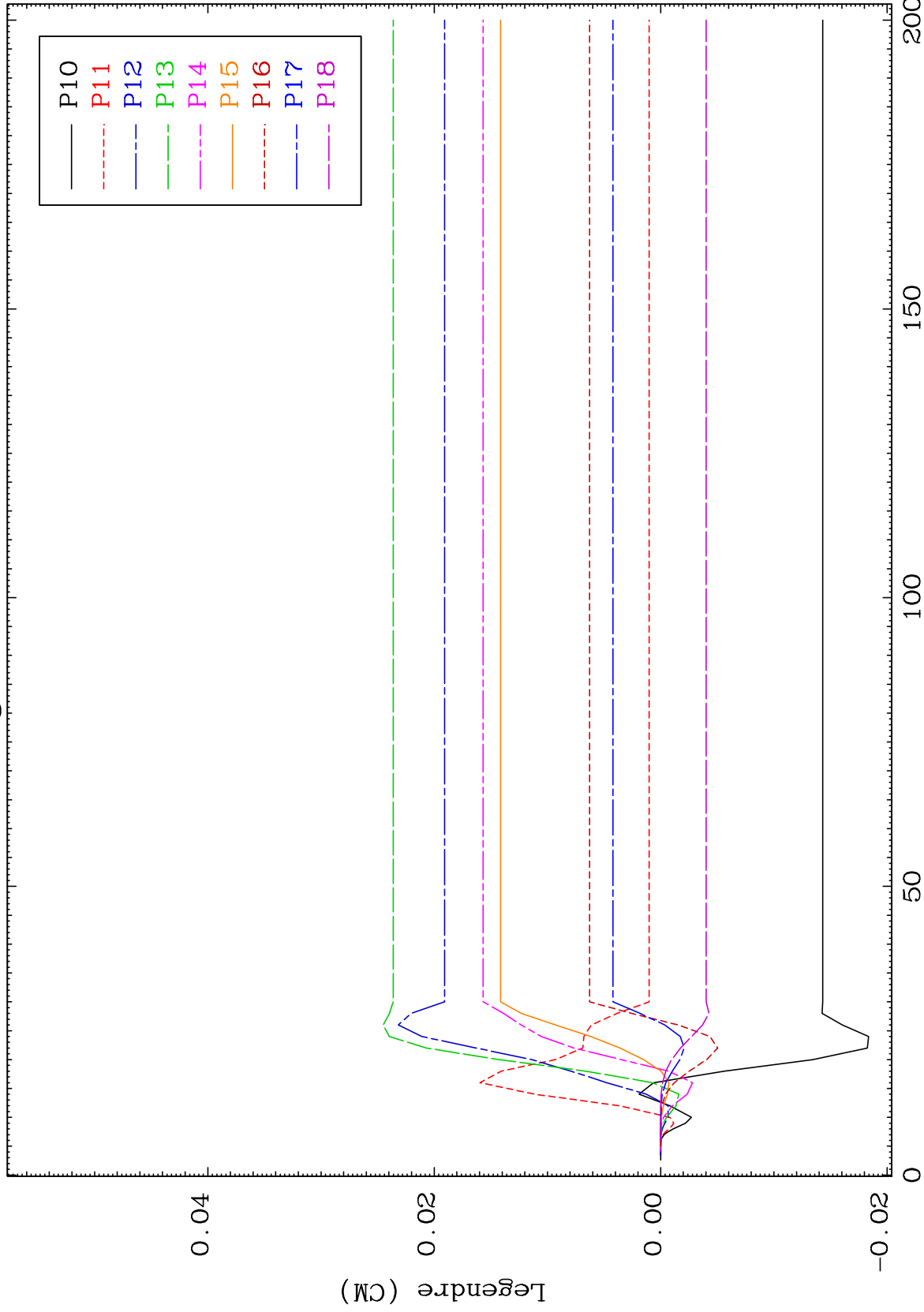
Incident Energy (MeV)

114

MAT 6228

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

62-Sm-145



115

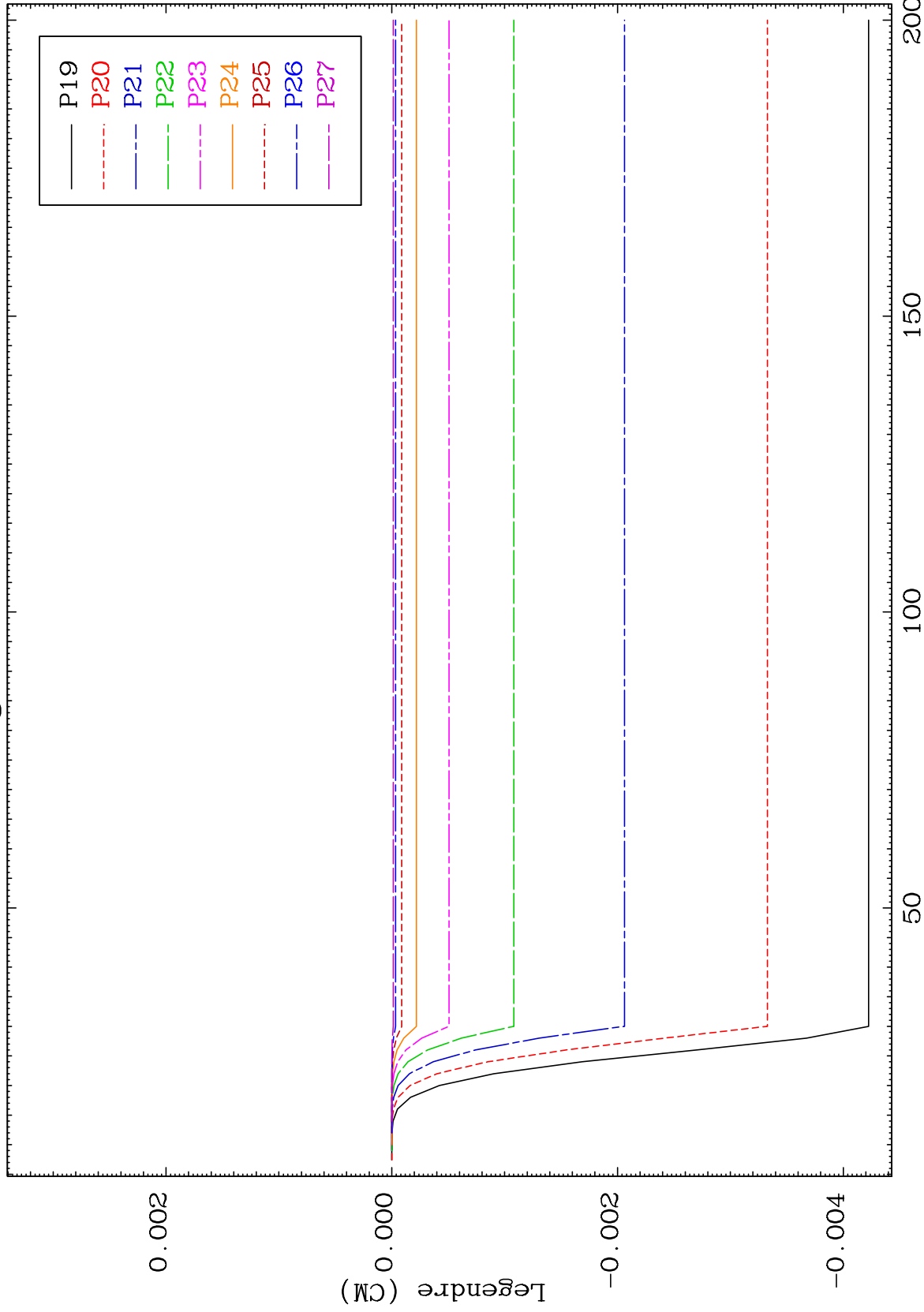
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



116

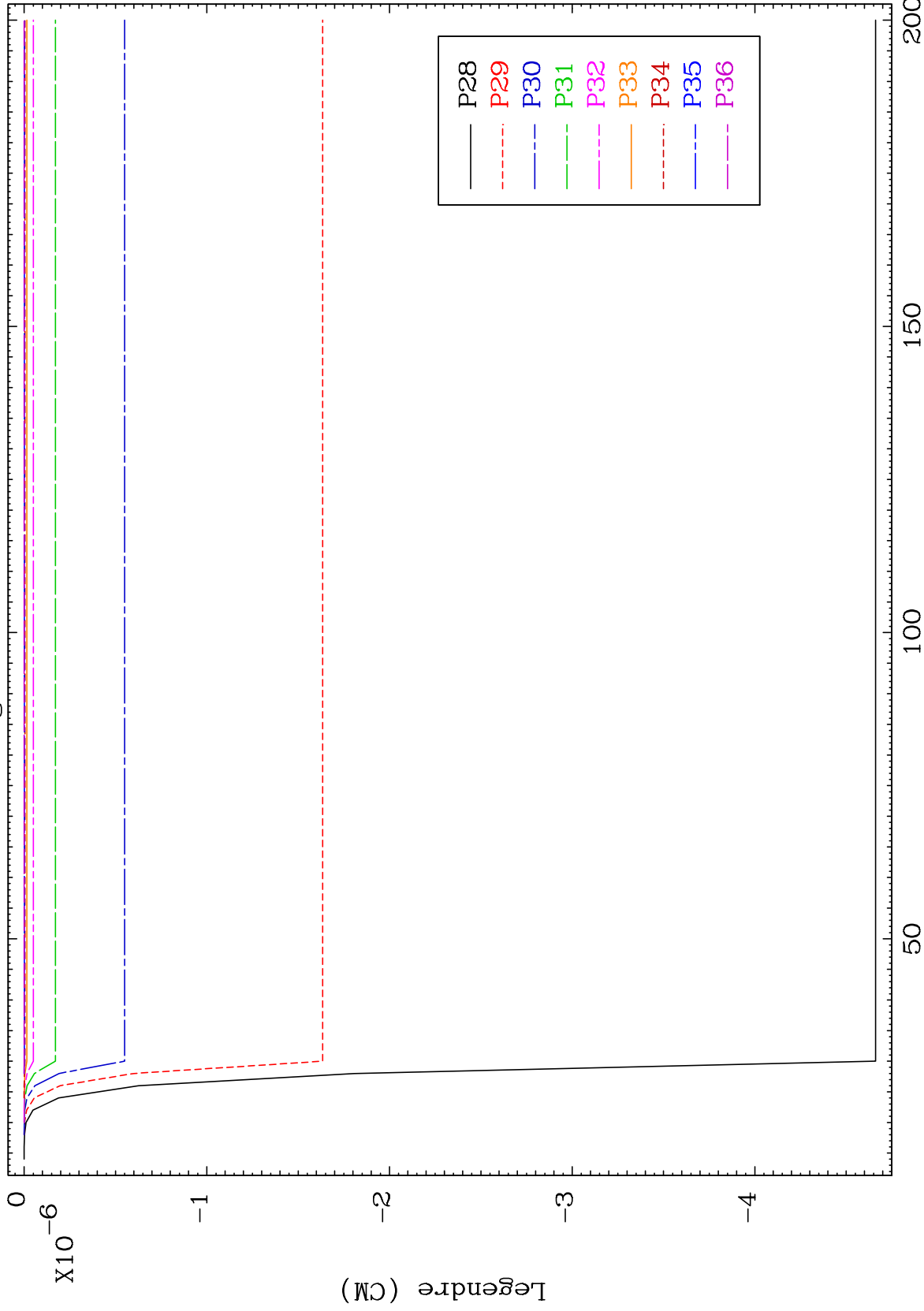
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

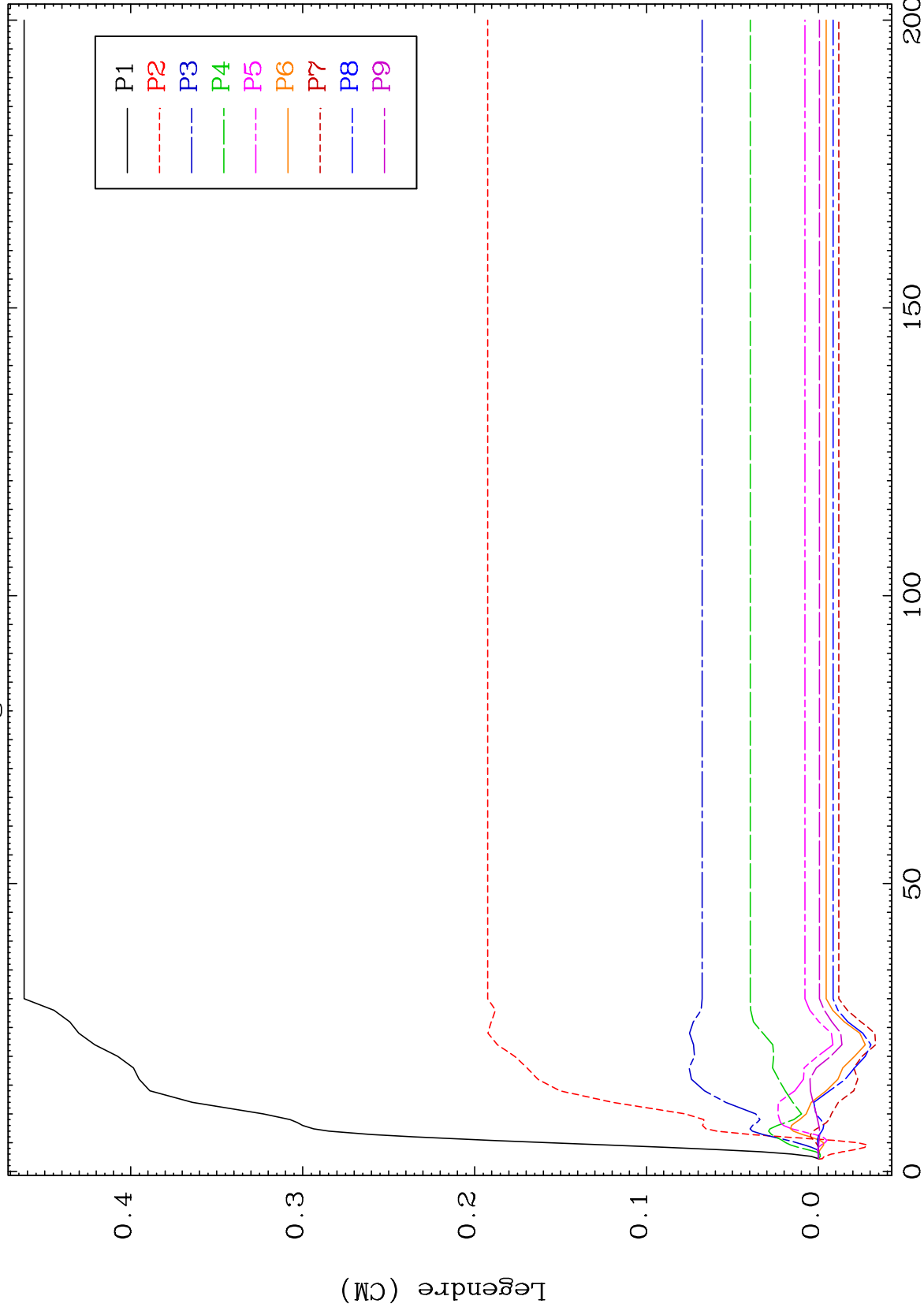
Incident Energy (MeV)

117

MAT 6228

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

62-Sm-145



118

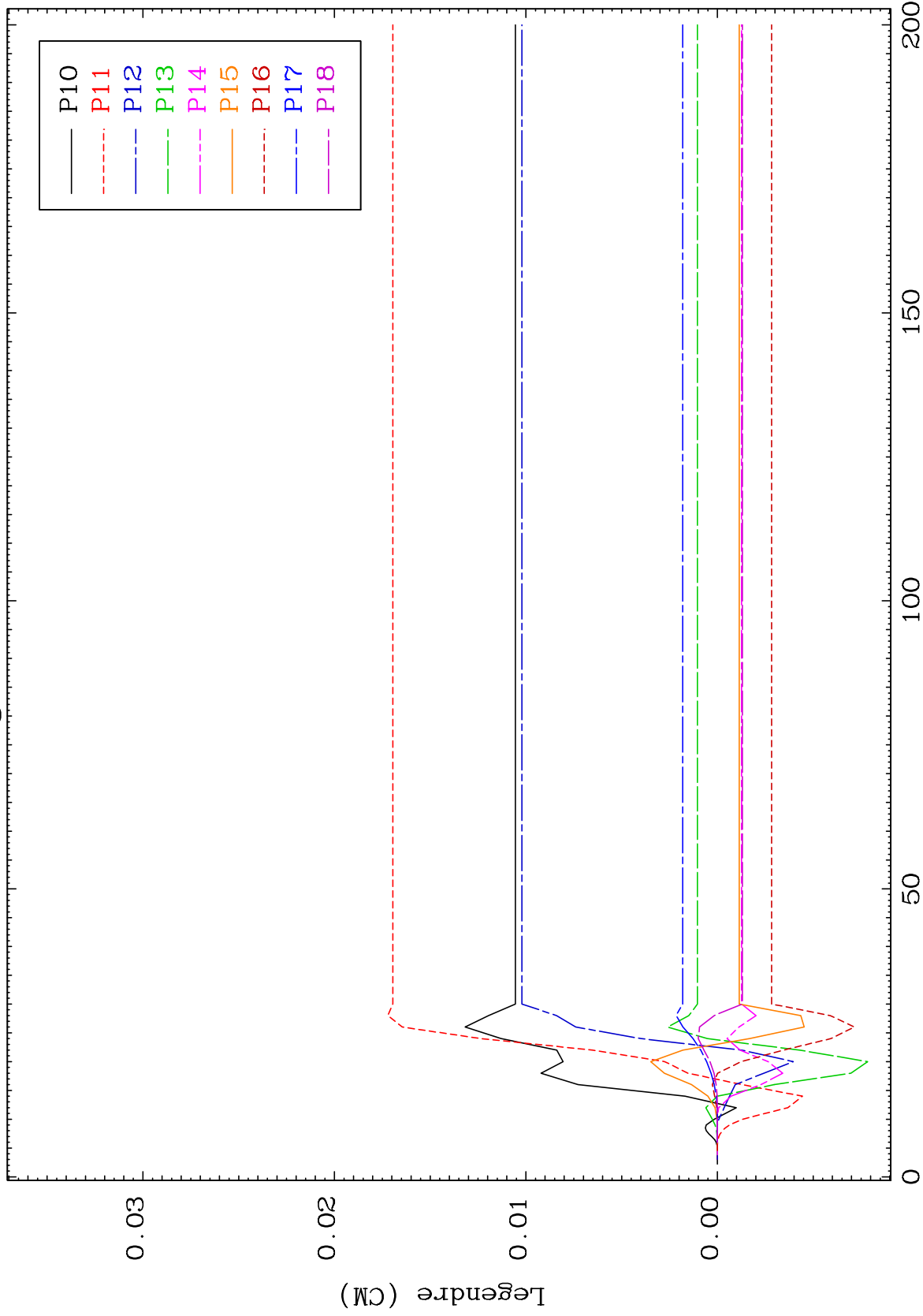
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



119

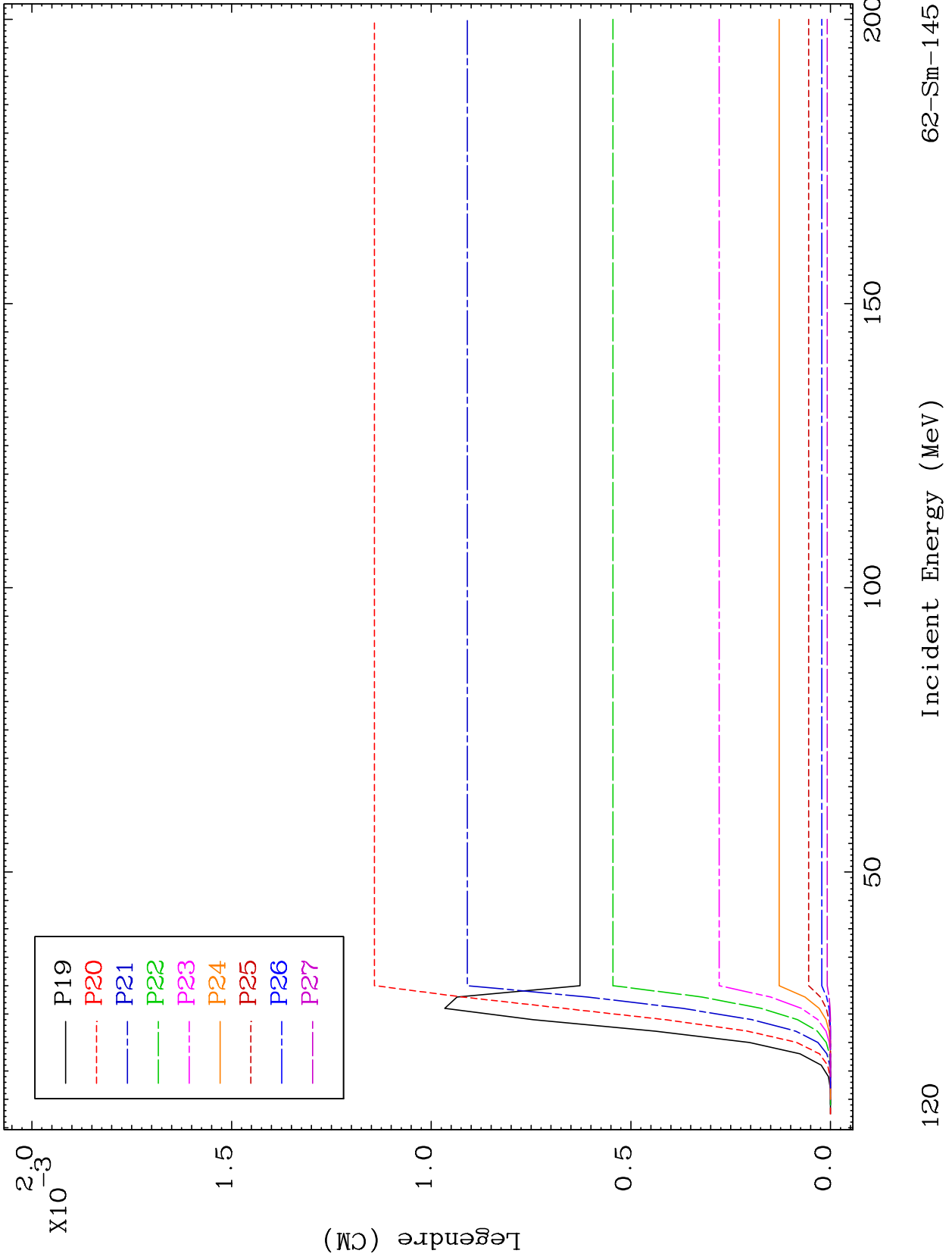
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

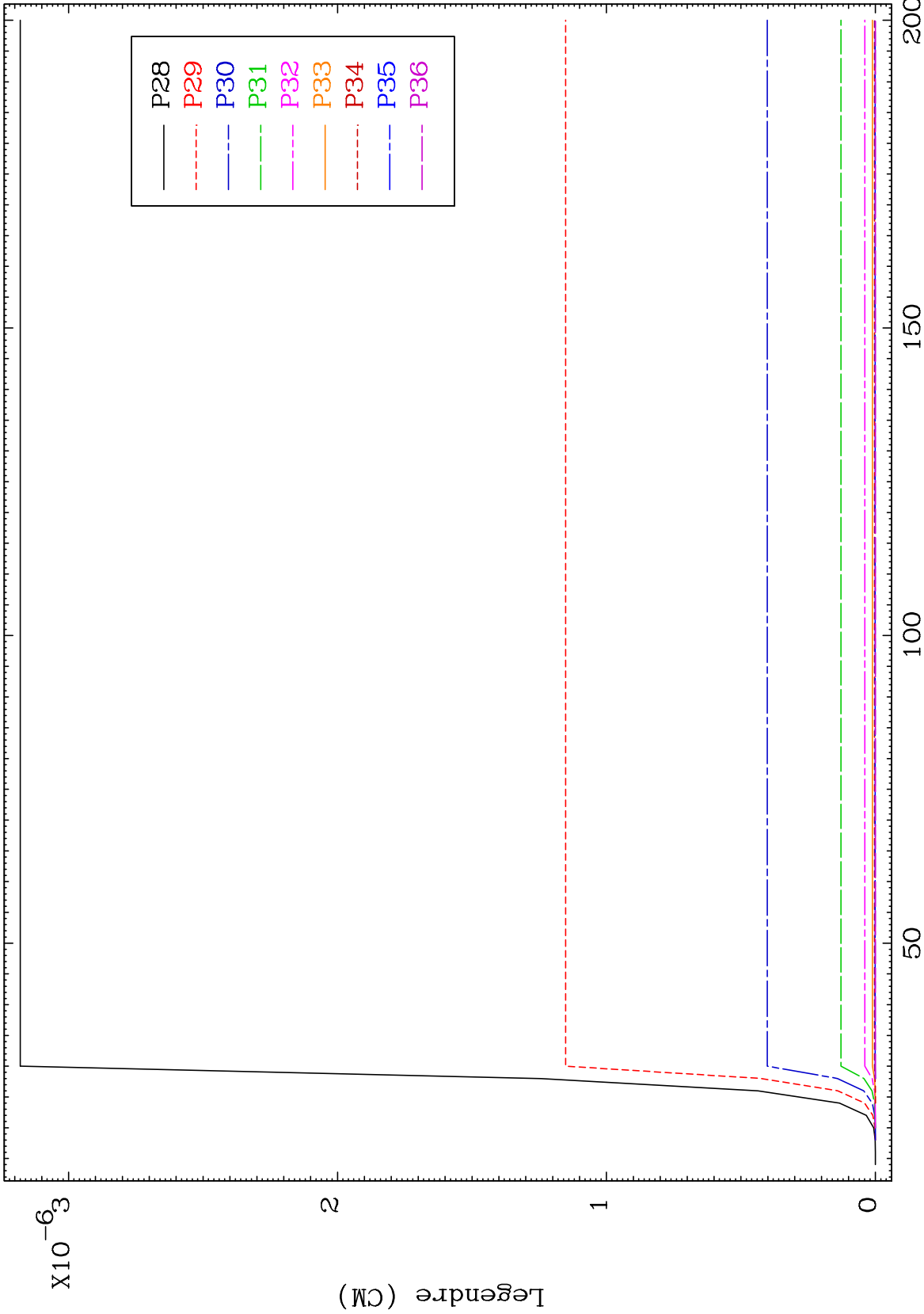
62-Sm-145



MAT 6228

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

62-Sm-145



121

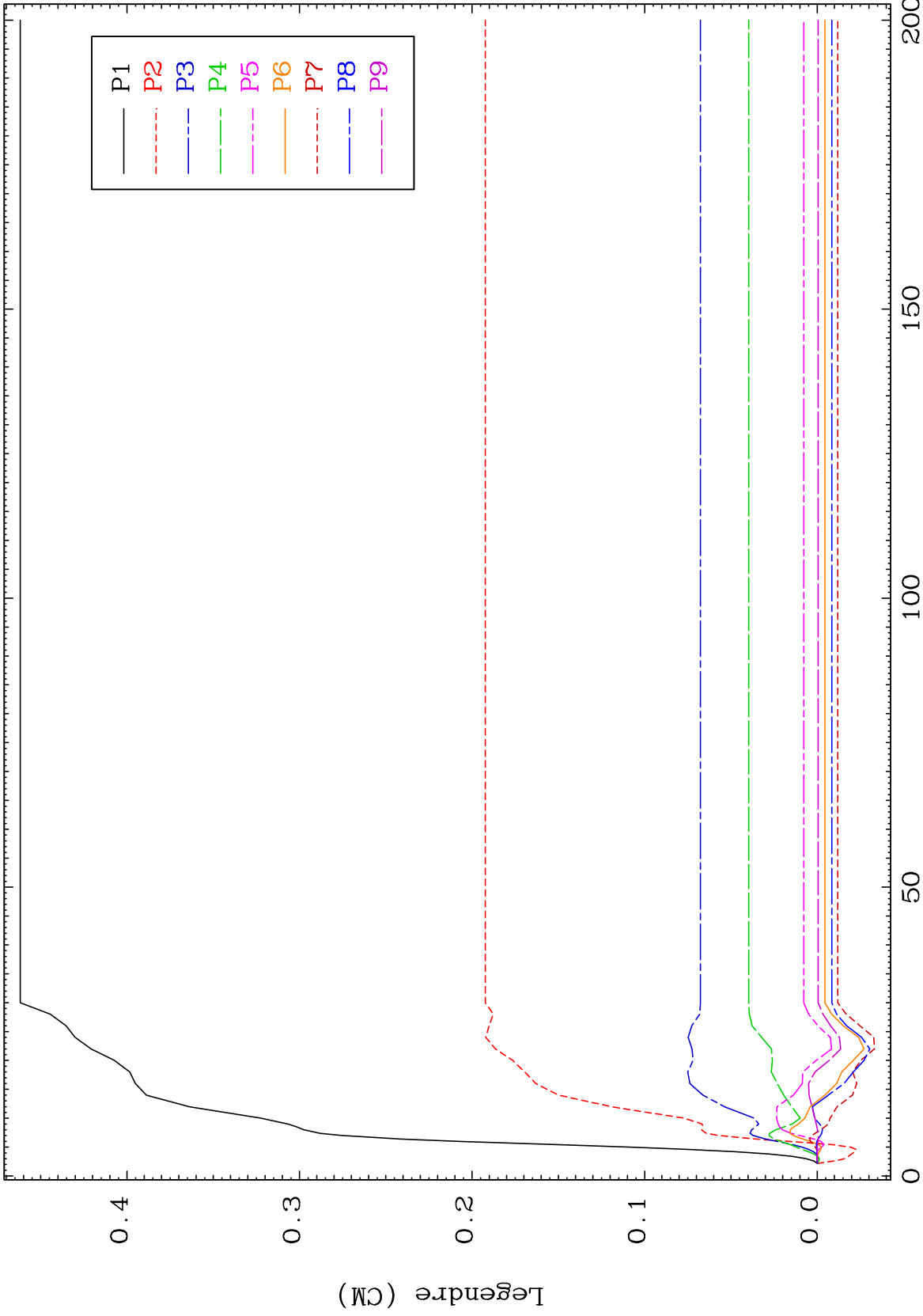
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



122

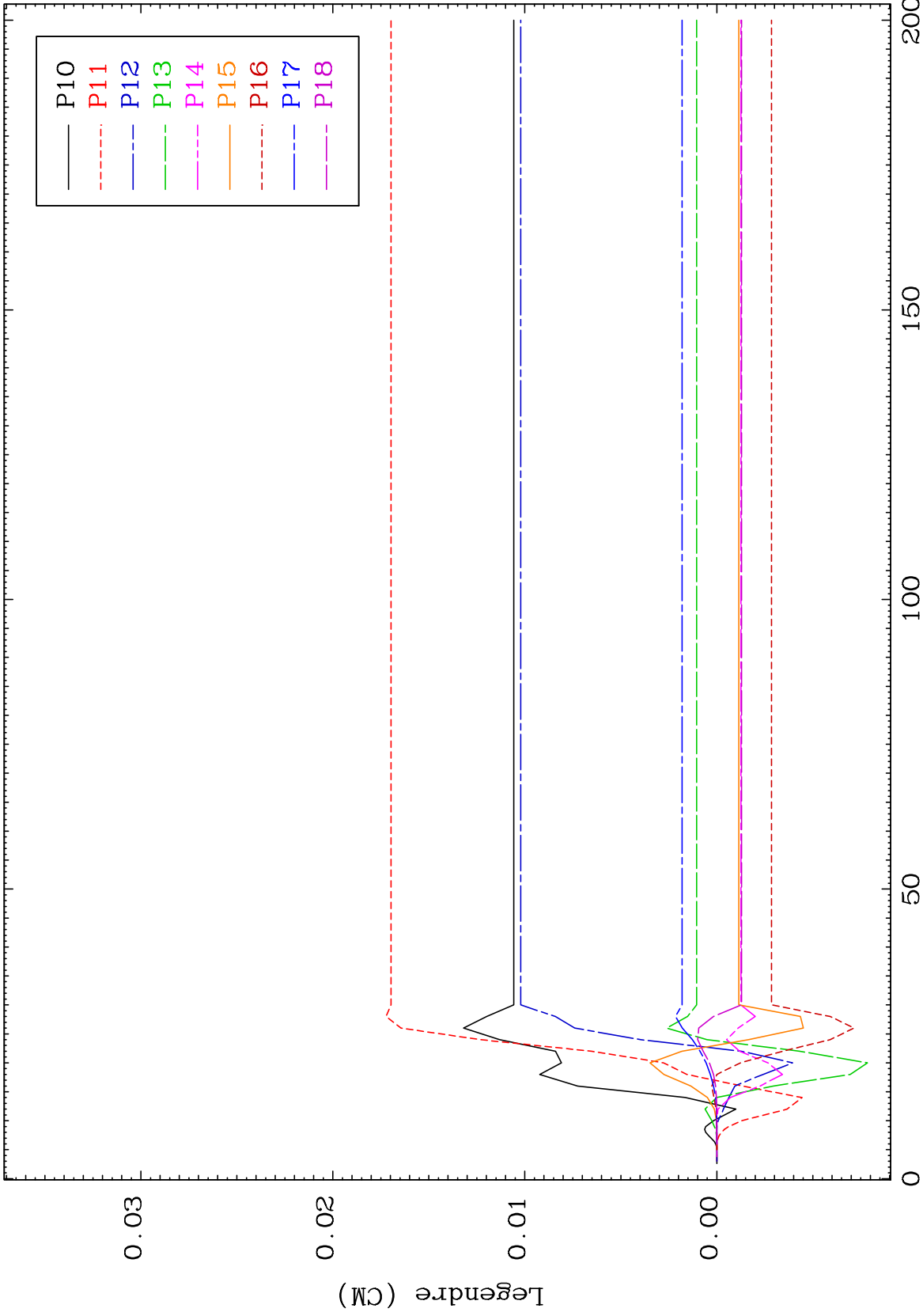
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



123

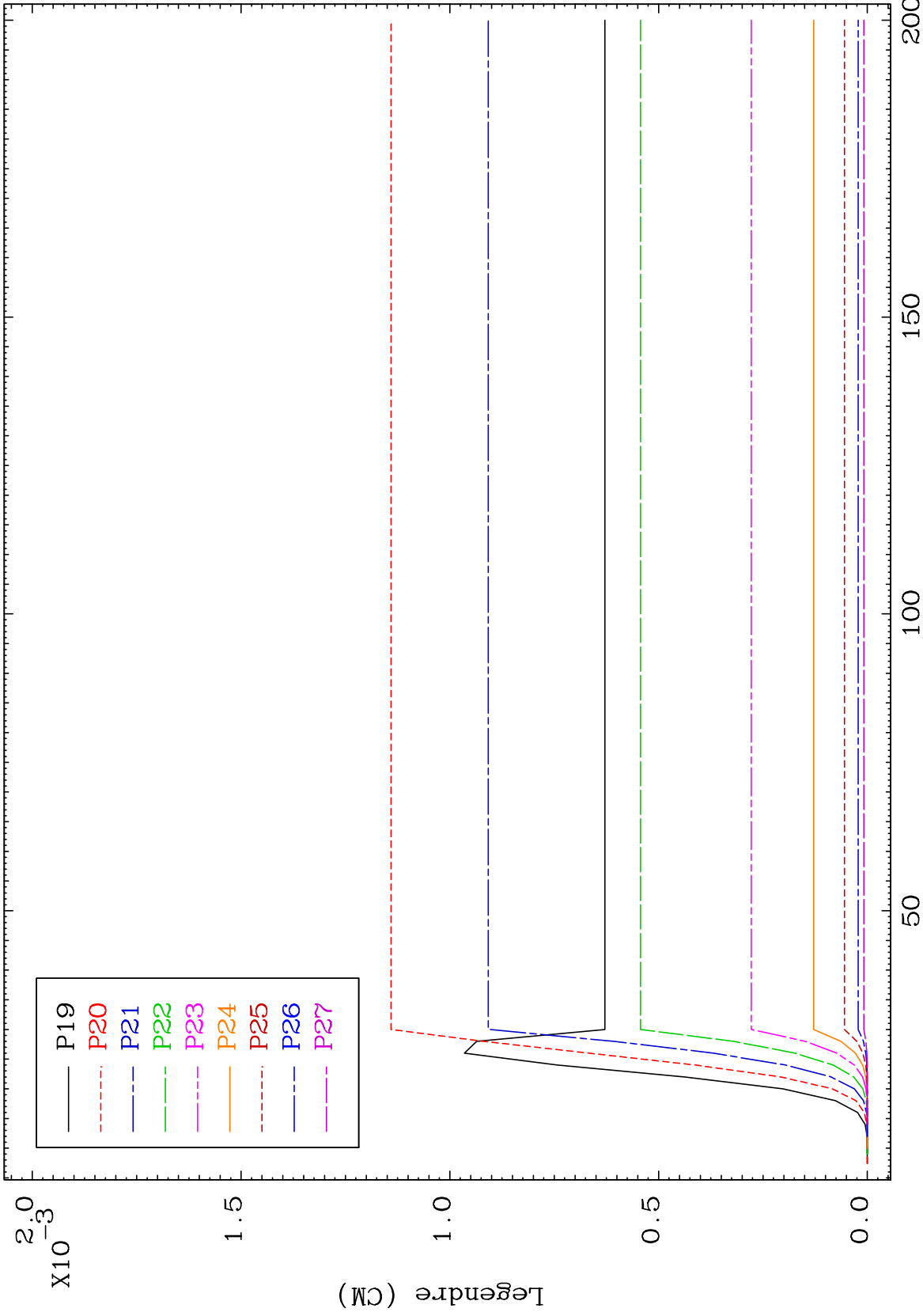
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



124

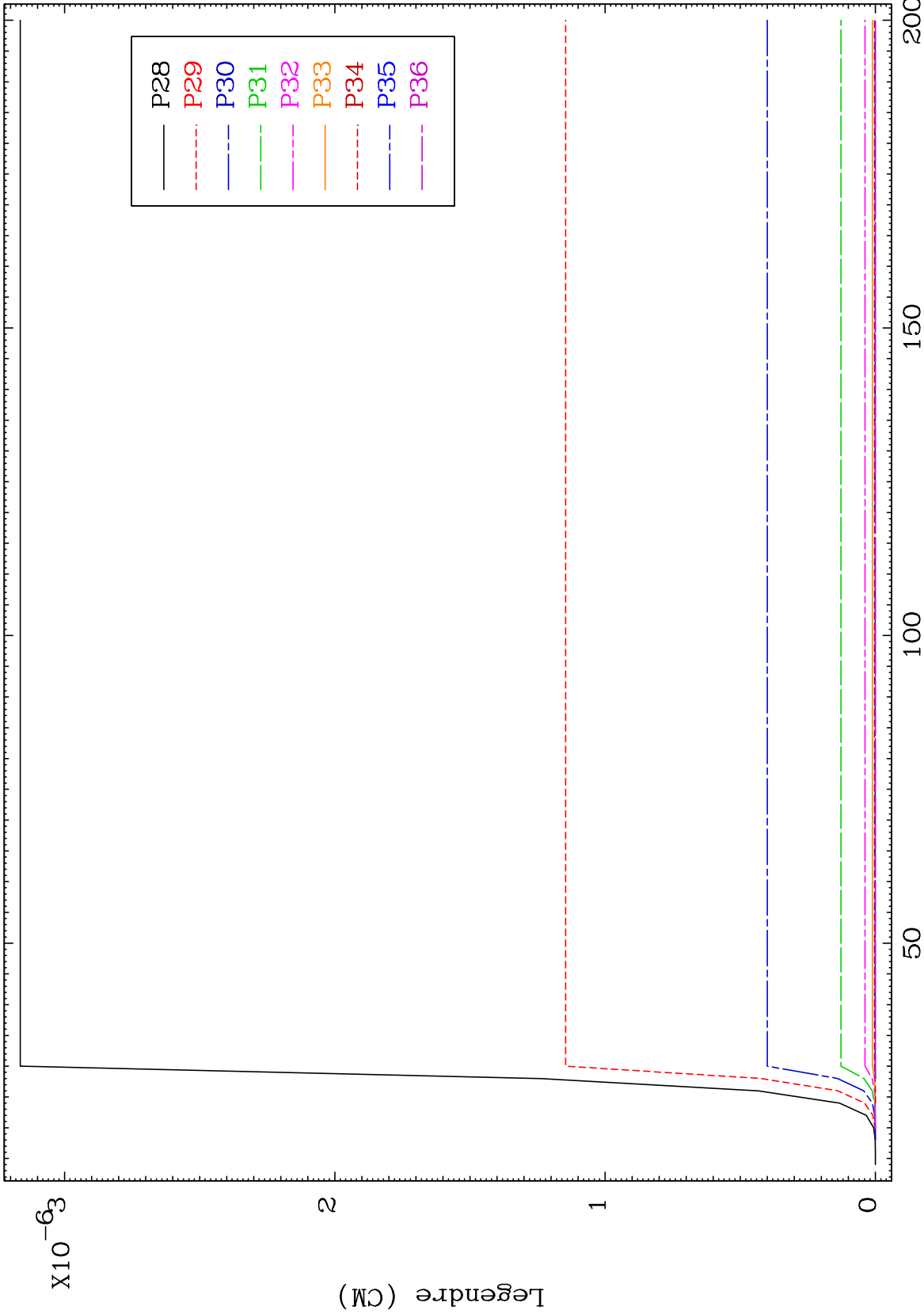
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



125

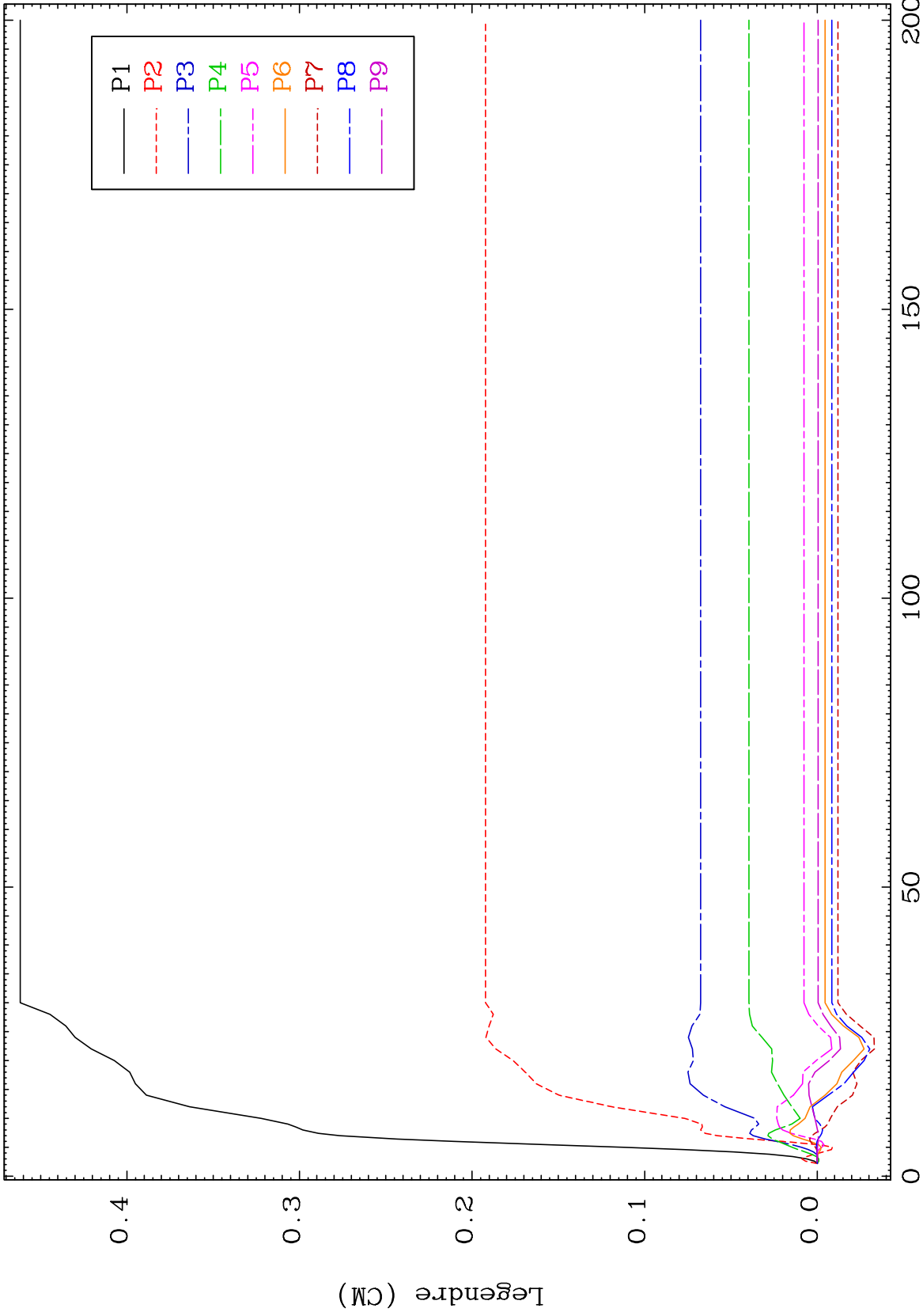
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



126

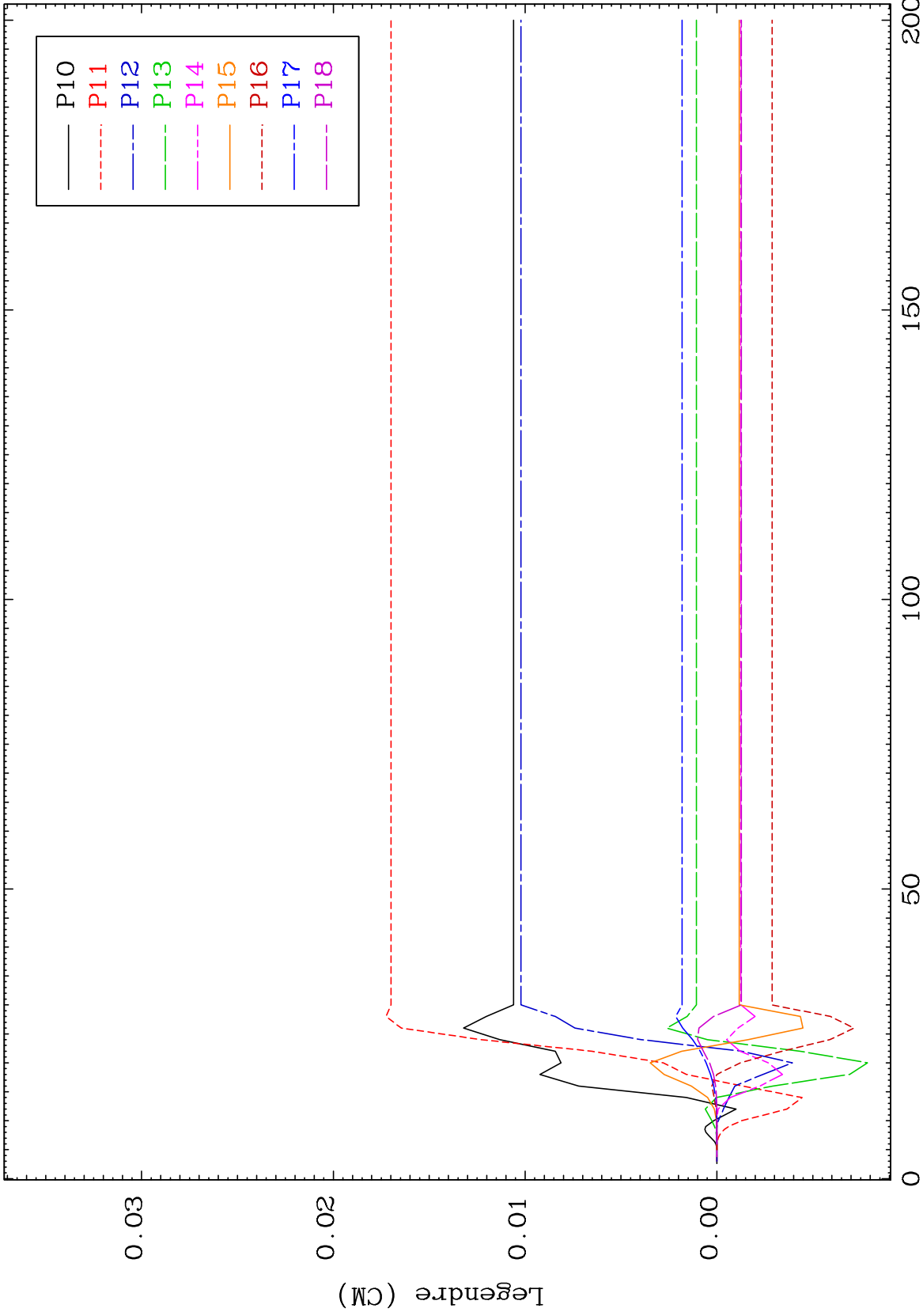
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



127

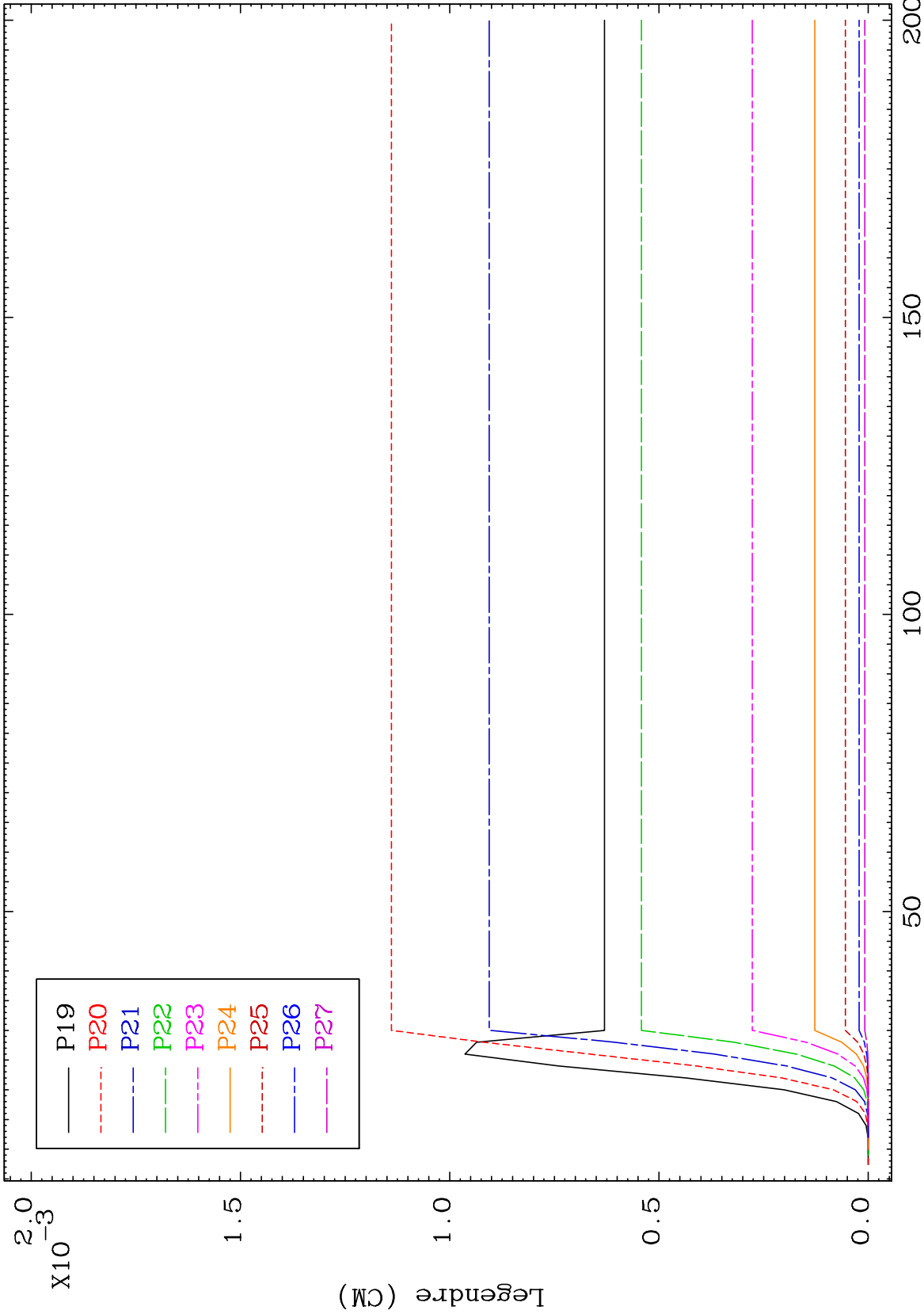
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



128

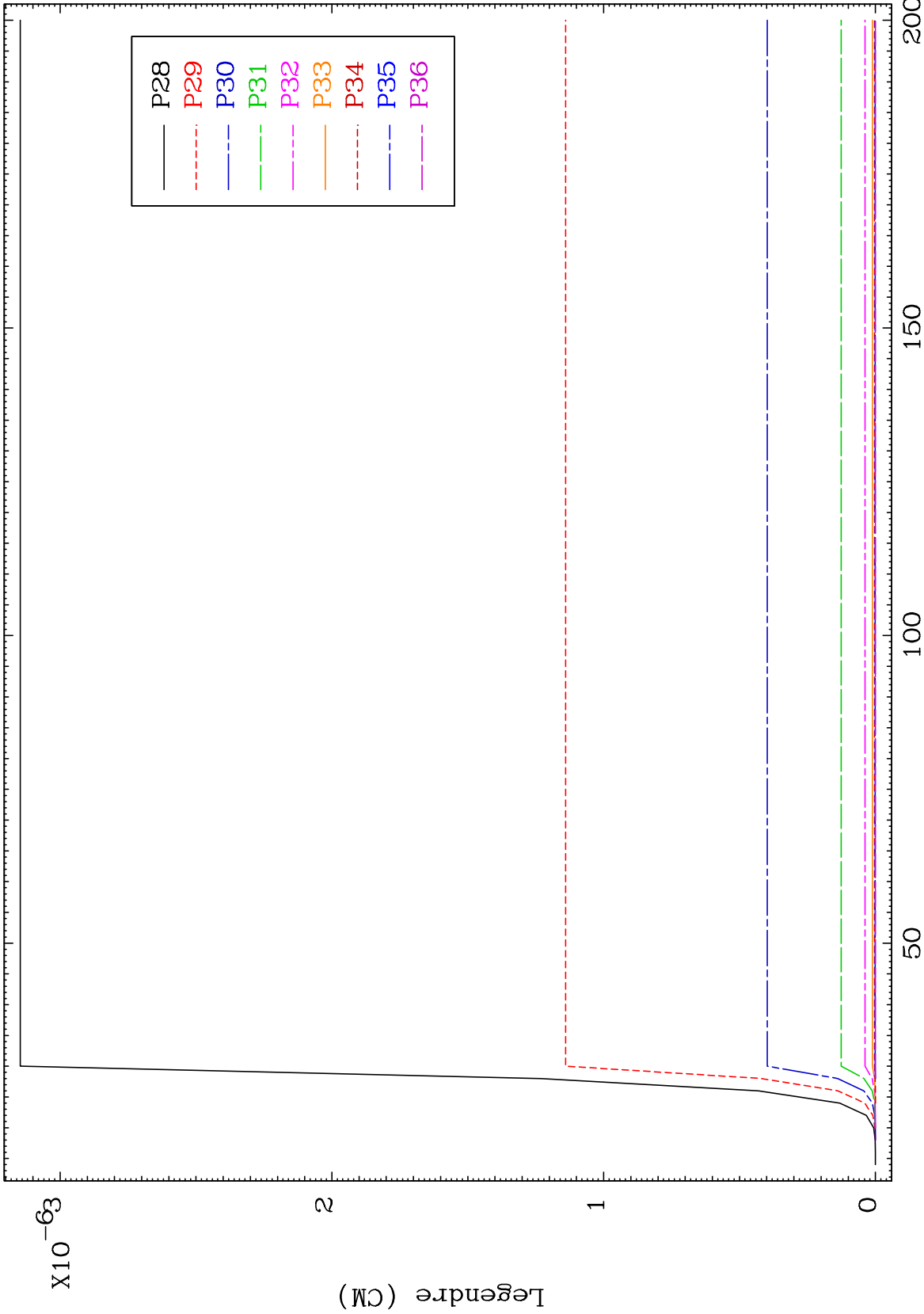
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



129

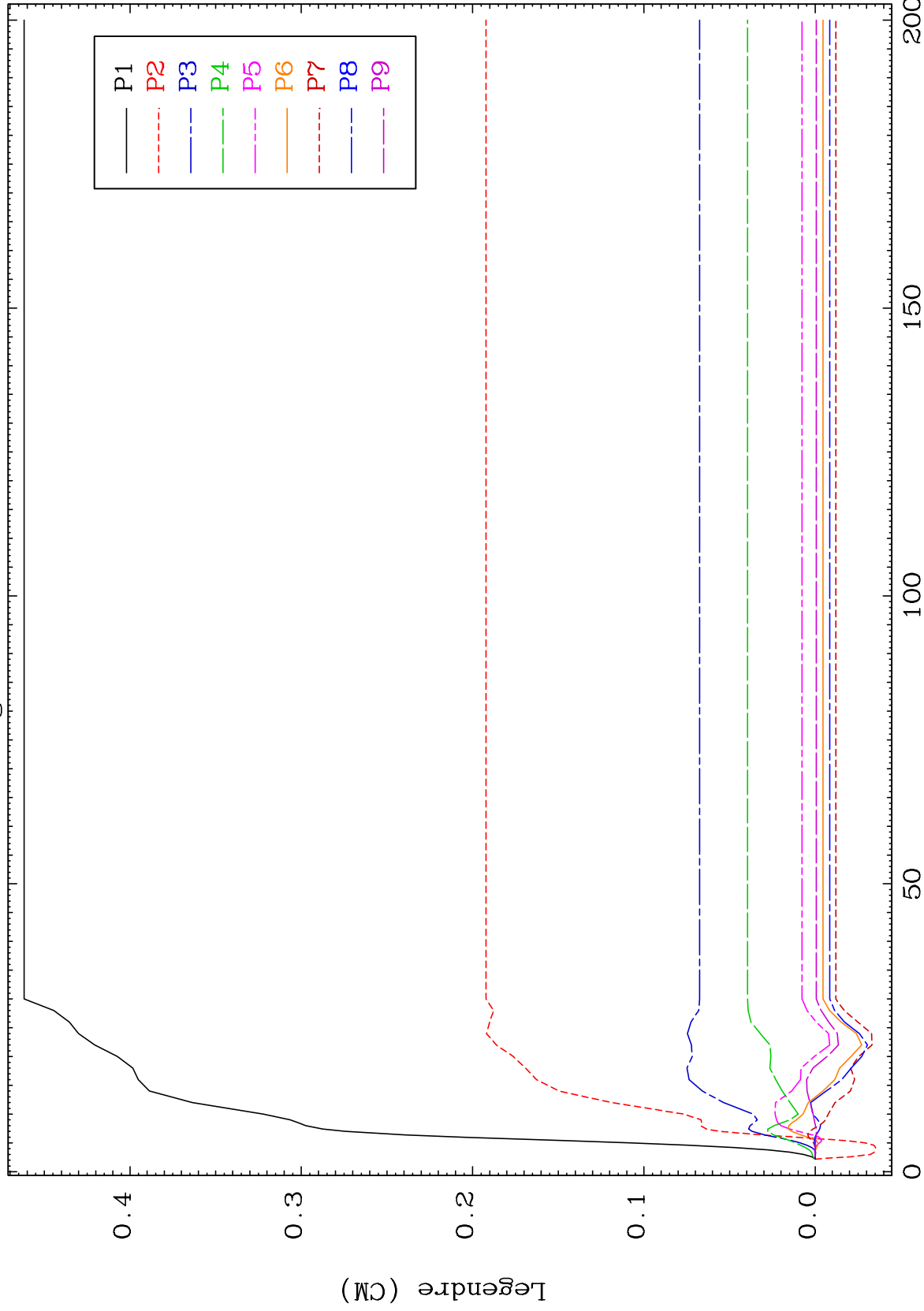
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



62-Sm-145

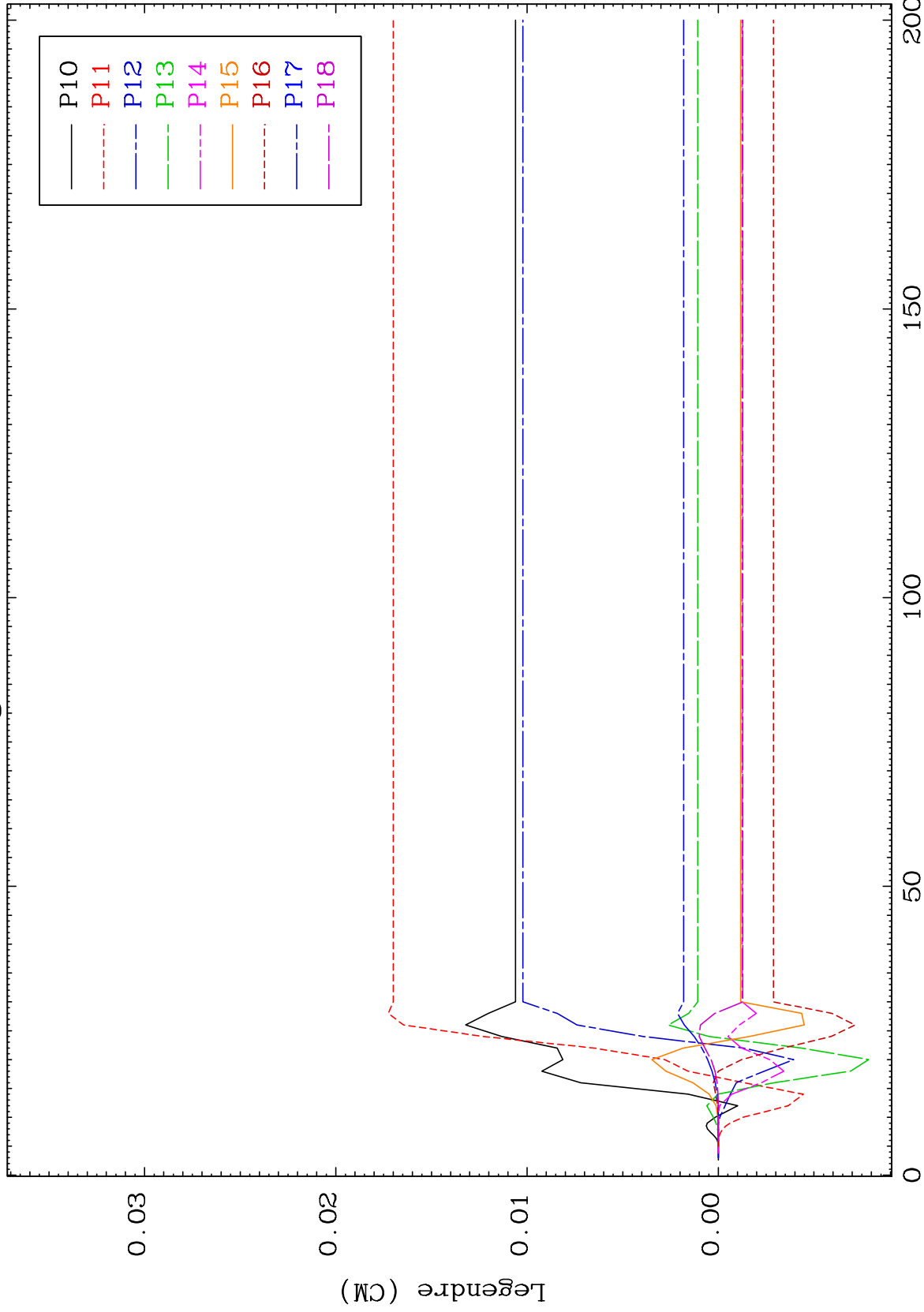
Incident Energy (MeV)

130

MAT 6228

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

62-Sm-145



131

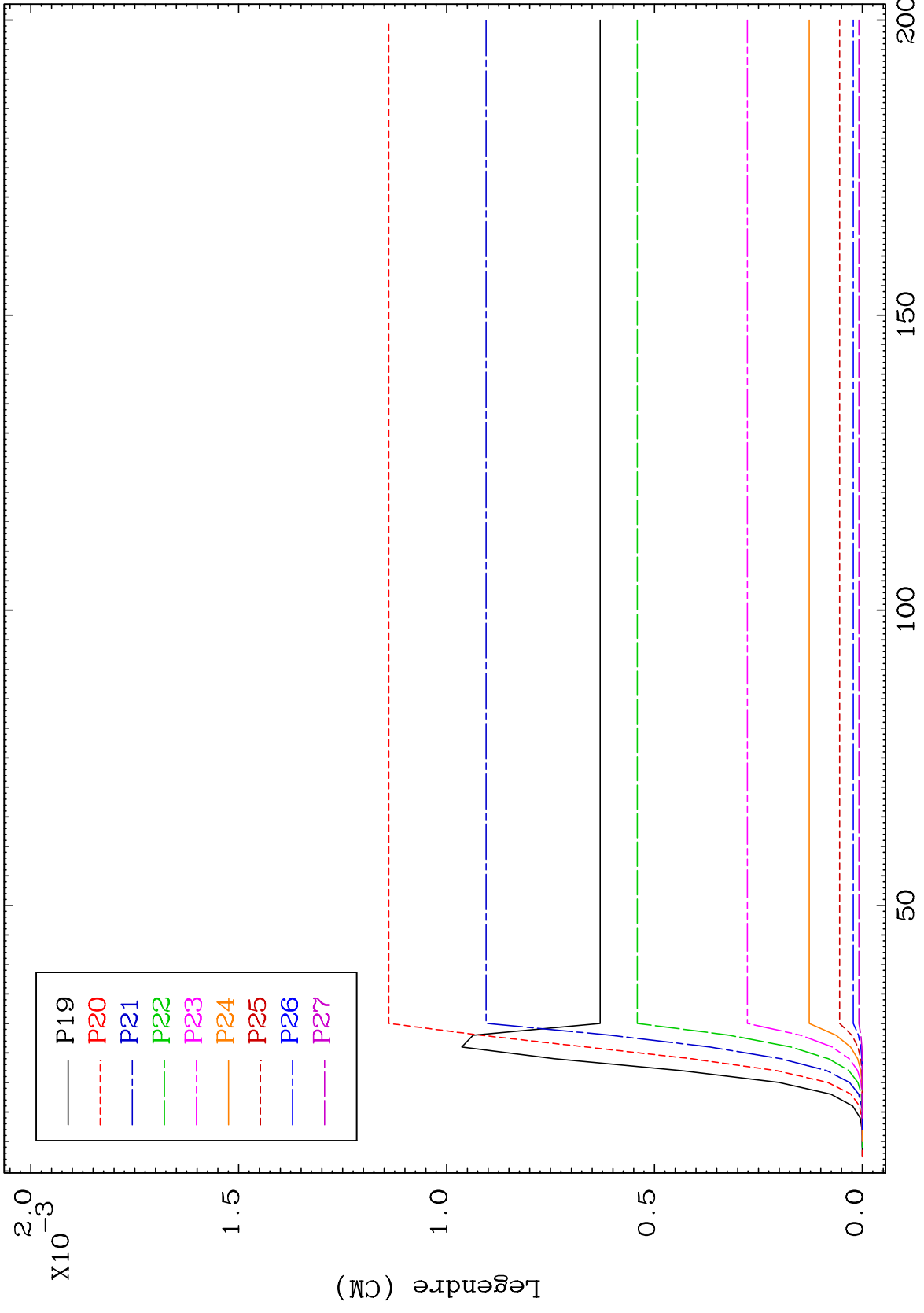
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



132

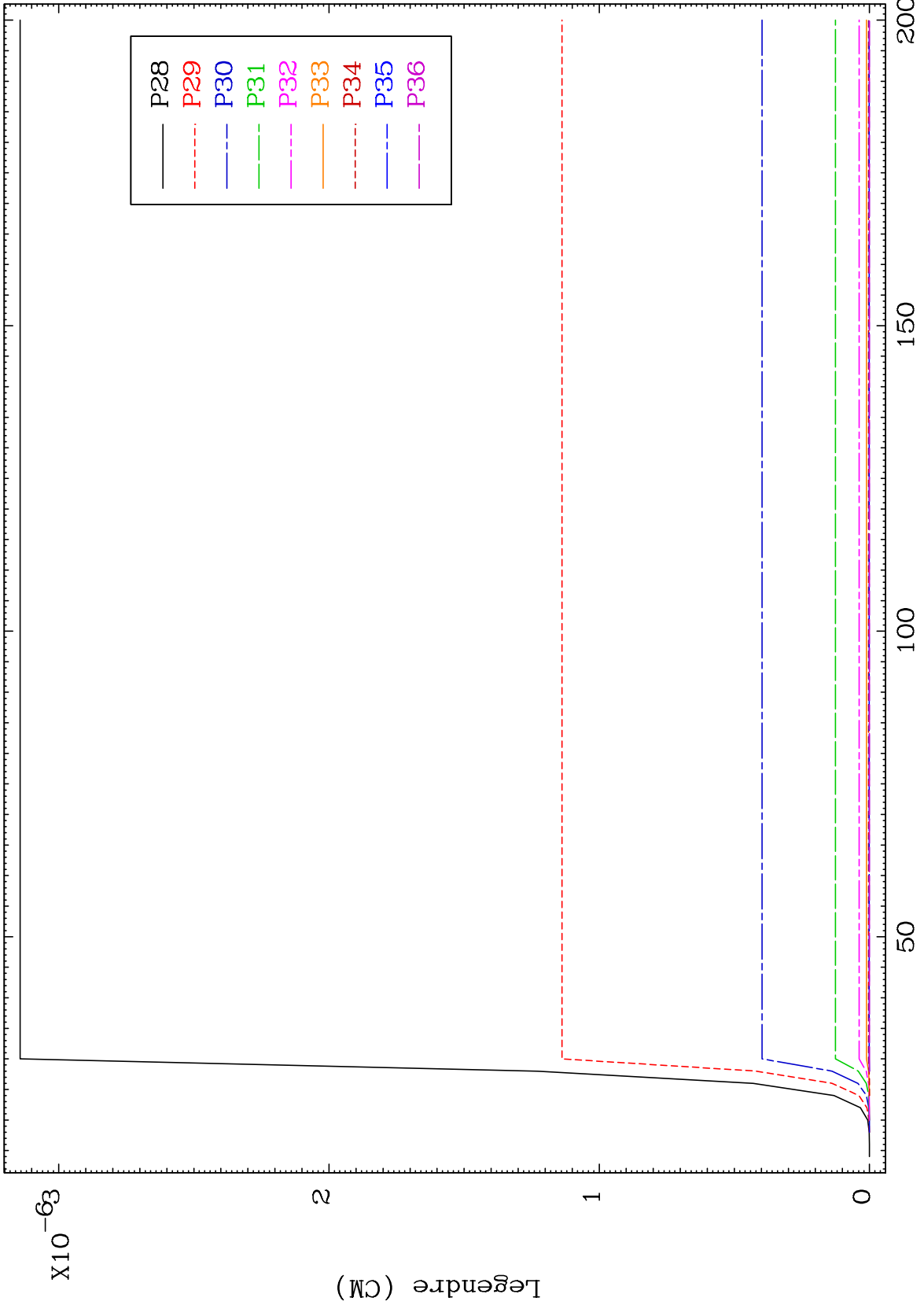
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145



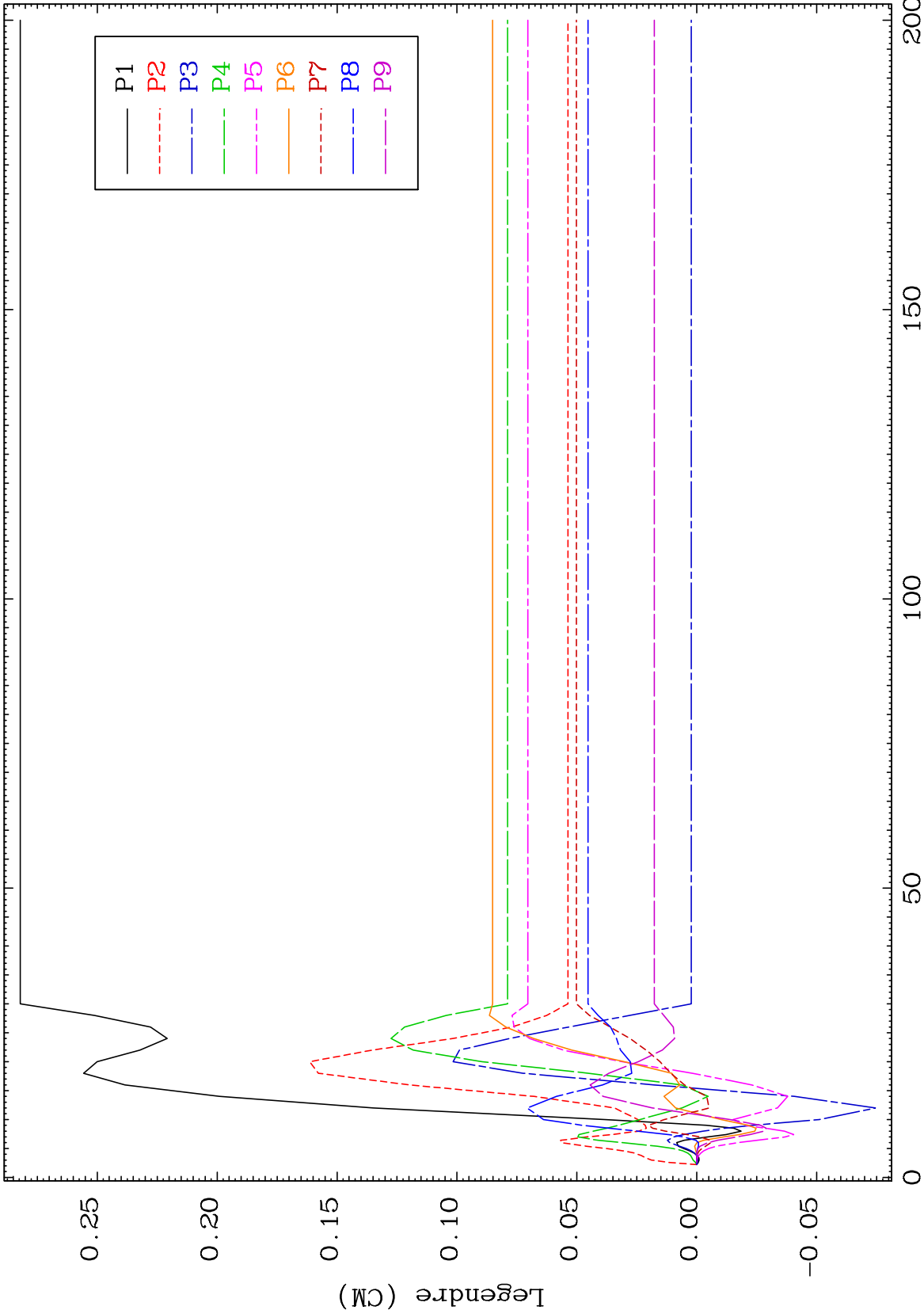
133

62-Sm-145

MAT 6228

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

62-Sm-145



134

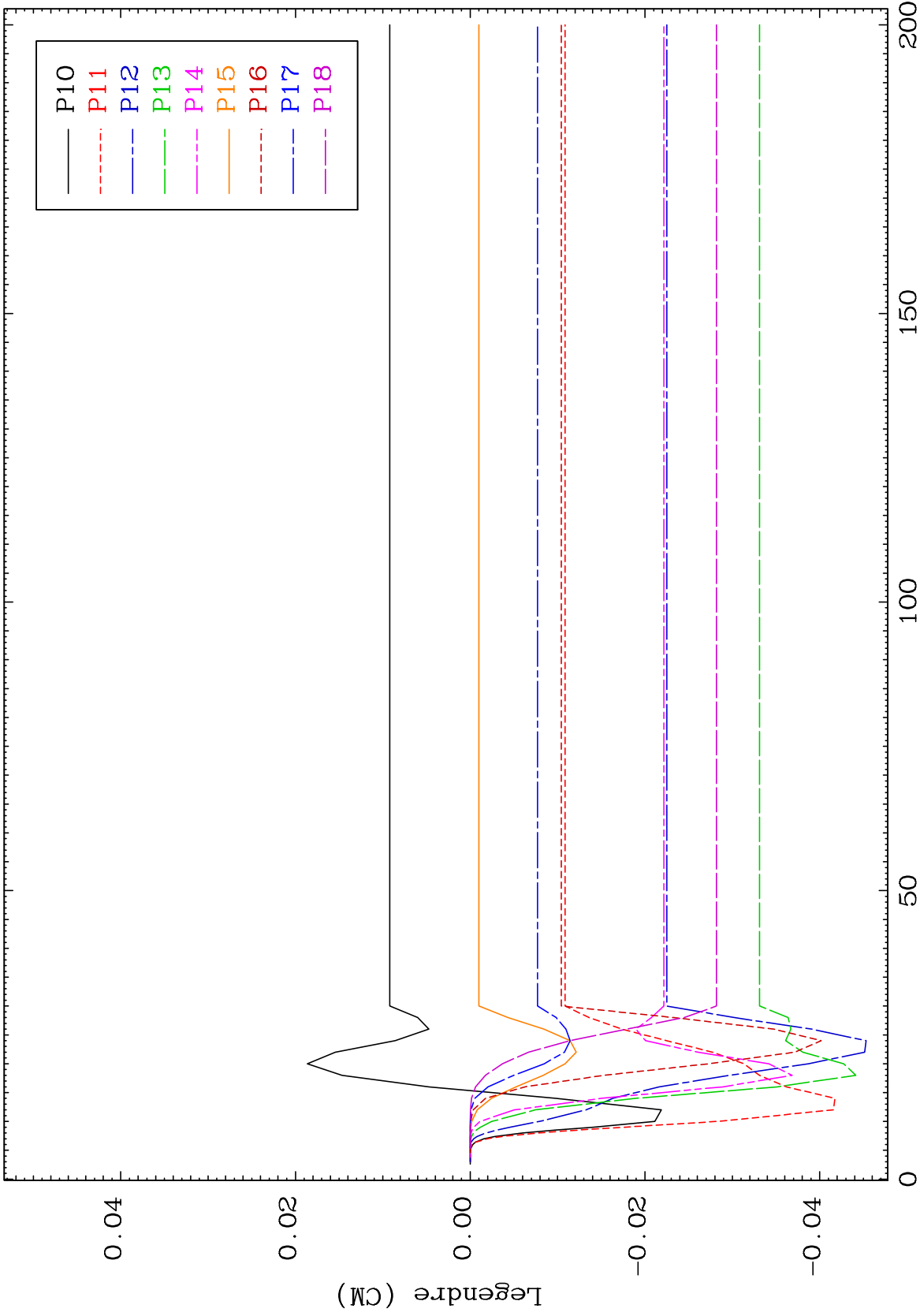
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

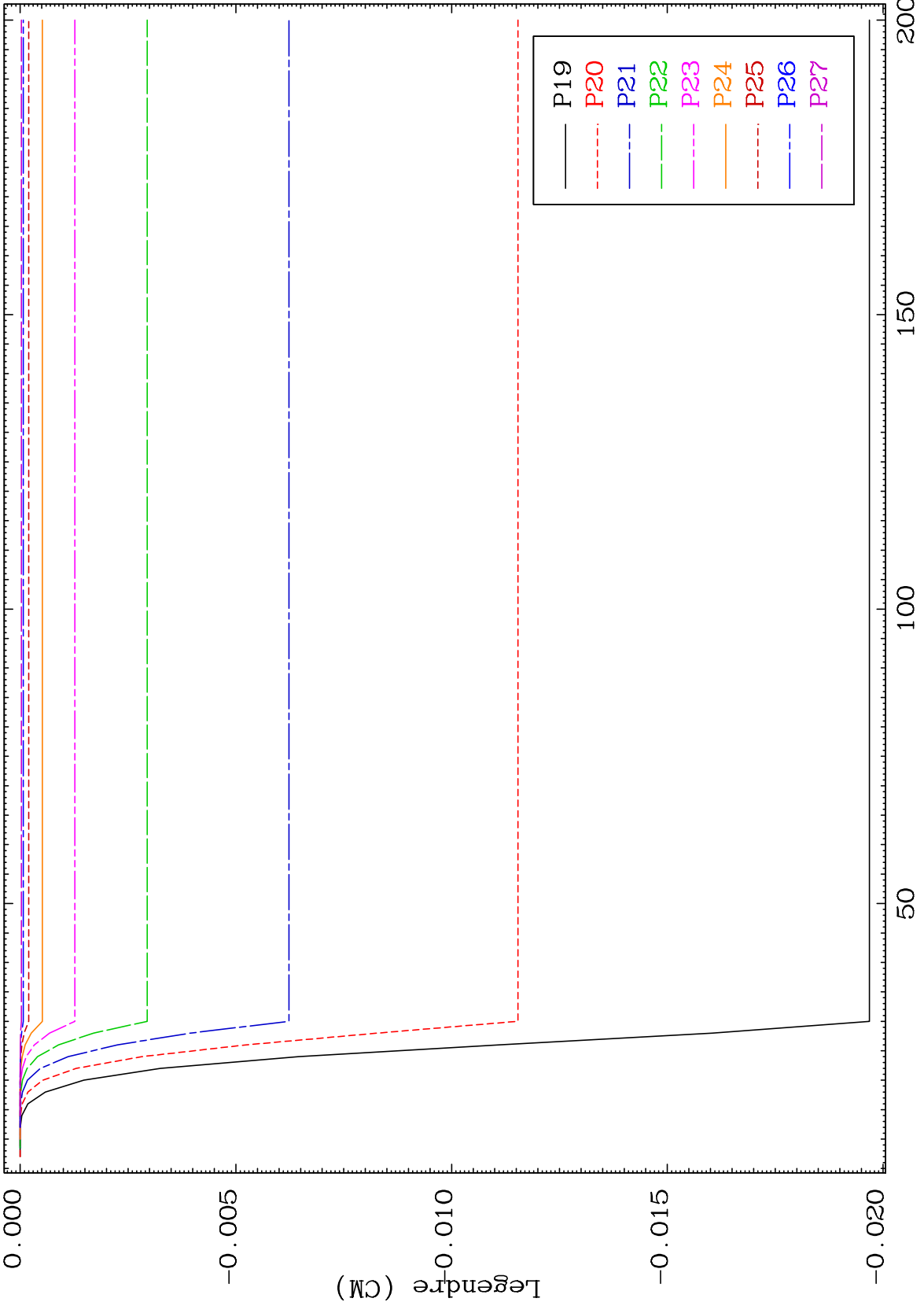


135

Incident Energy (MeV)

62-Sm-145

MAT 6228 MT= 80 (n,n') Level Legendre Coefficients 62-Sm-145

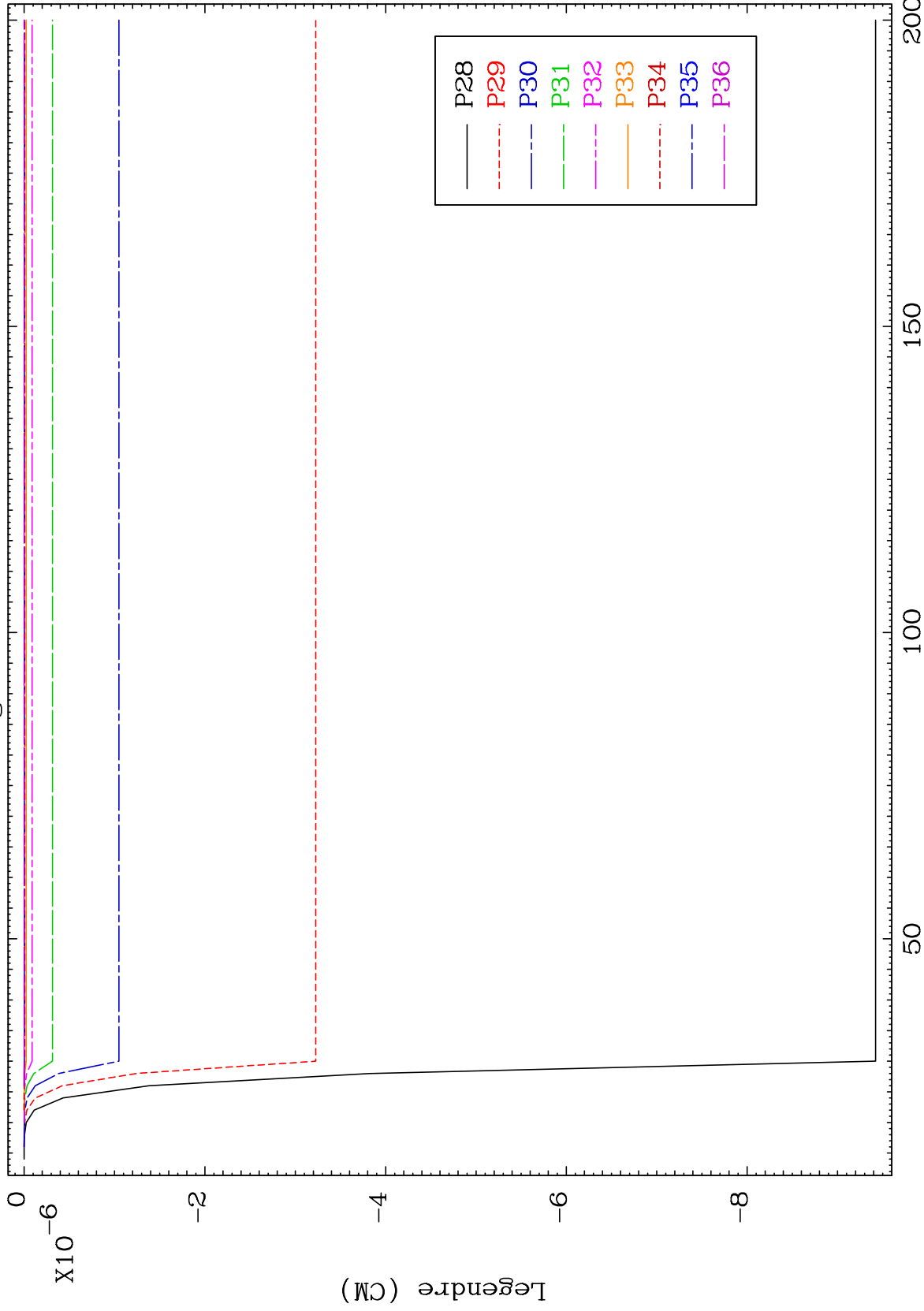


136 62-Sm-145

MAT 6228

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

62-Sm-145

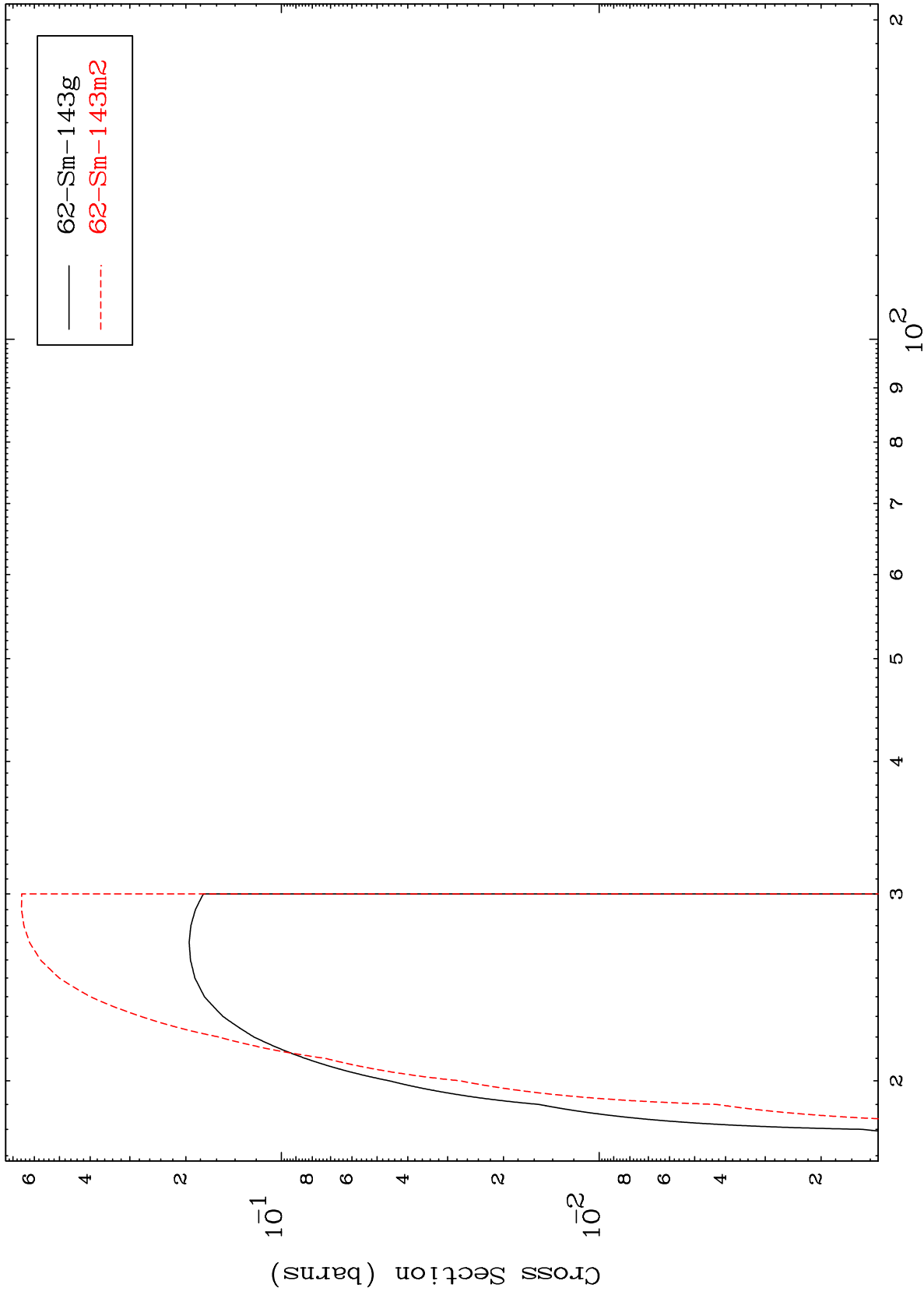


62-Sm-145

Incident Energy (MeV)

137

(n,3n)
Radionuclide Production Cross Section

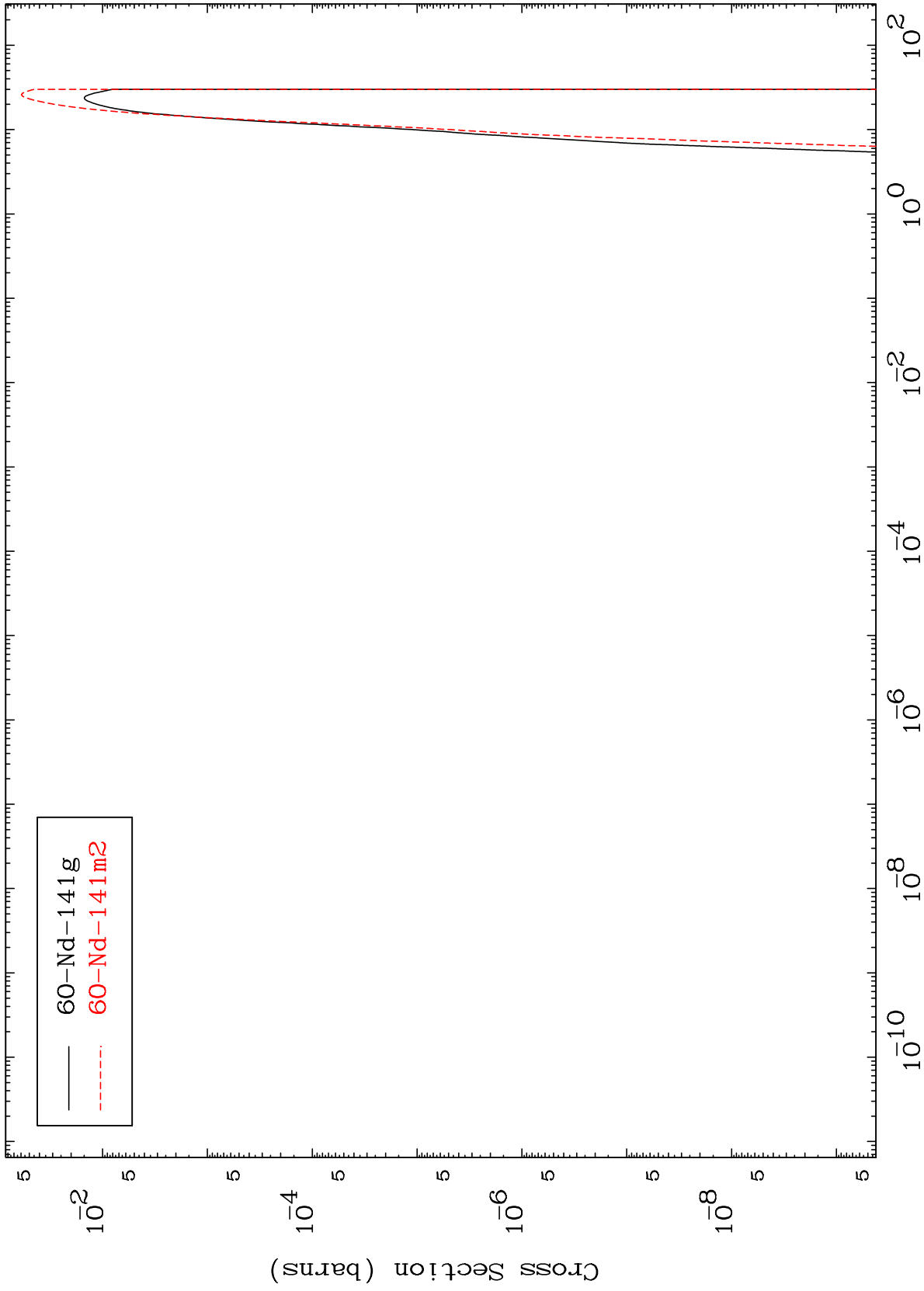


MAT 6228

$(n, n') \alpha$

$^{62}\text{Sm-145}$

Radionuclide Production Cross Section



139

Incident Energy (MeV)

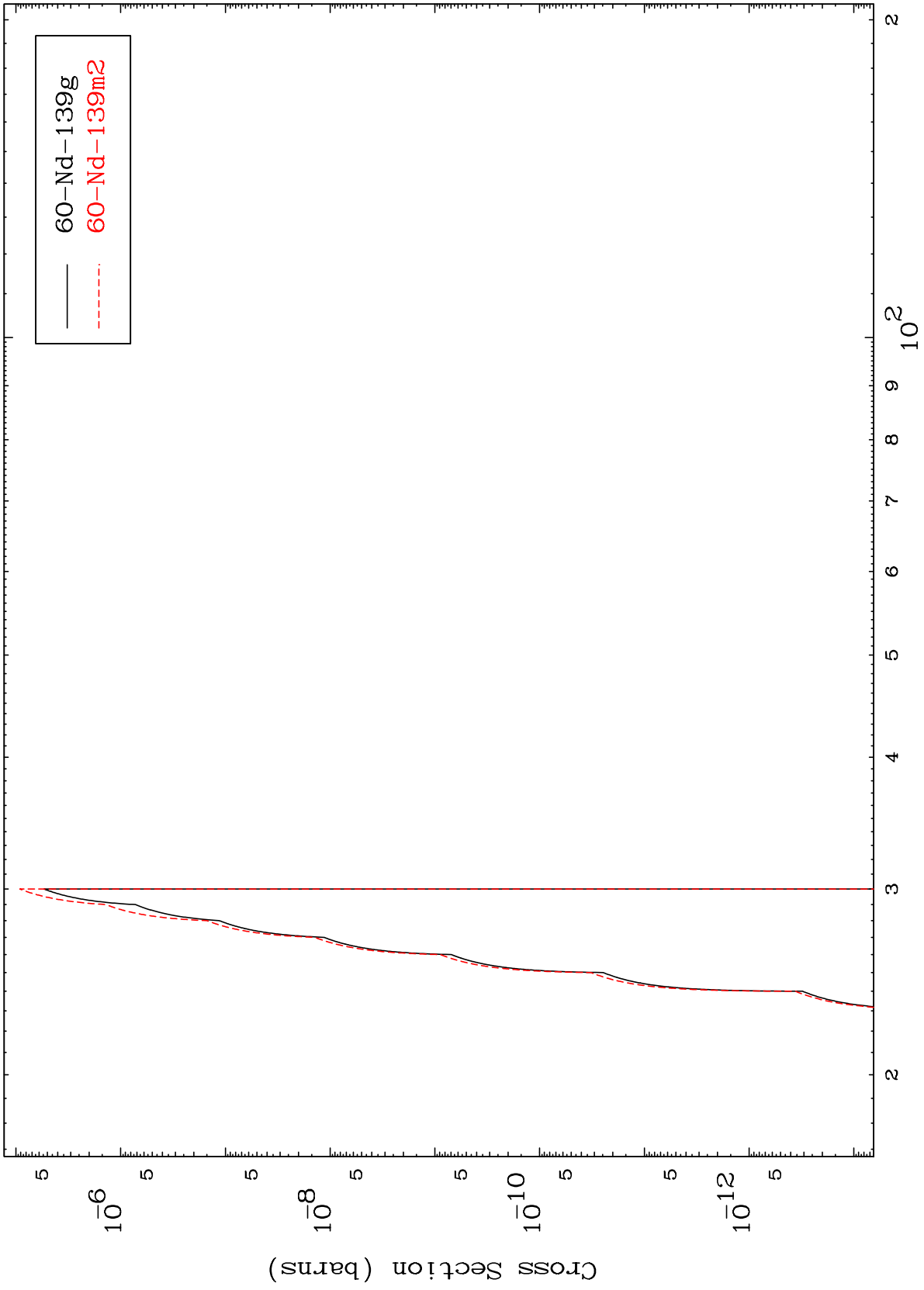
$^{62}\text{Sm-145}$

MAT 6228

(n,3n) α

62-Sm-145

Radionuclide Production Cross Section



140

Incident Energy (MeV)

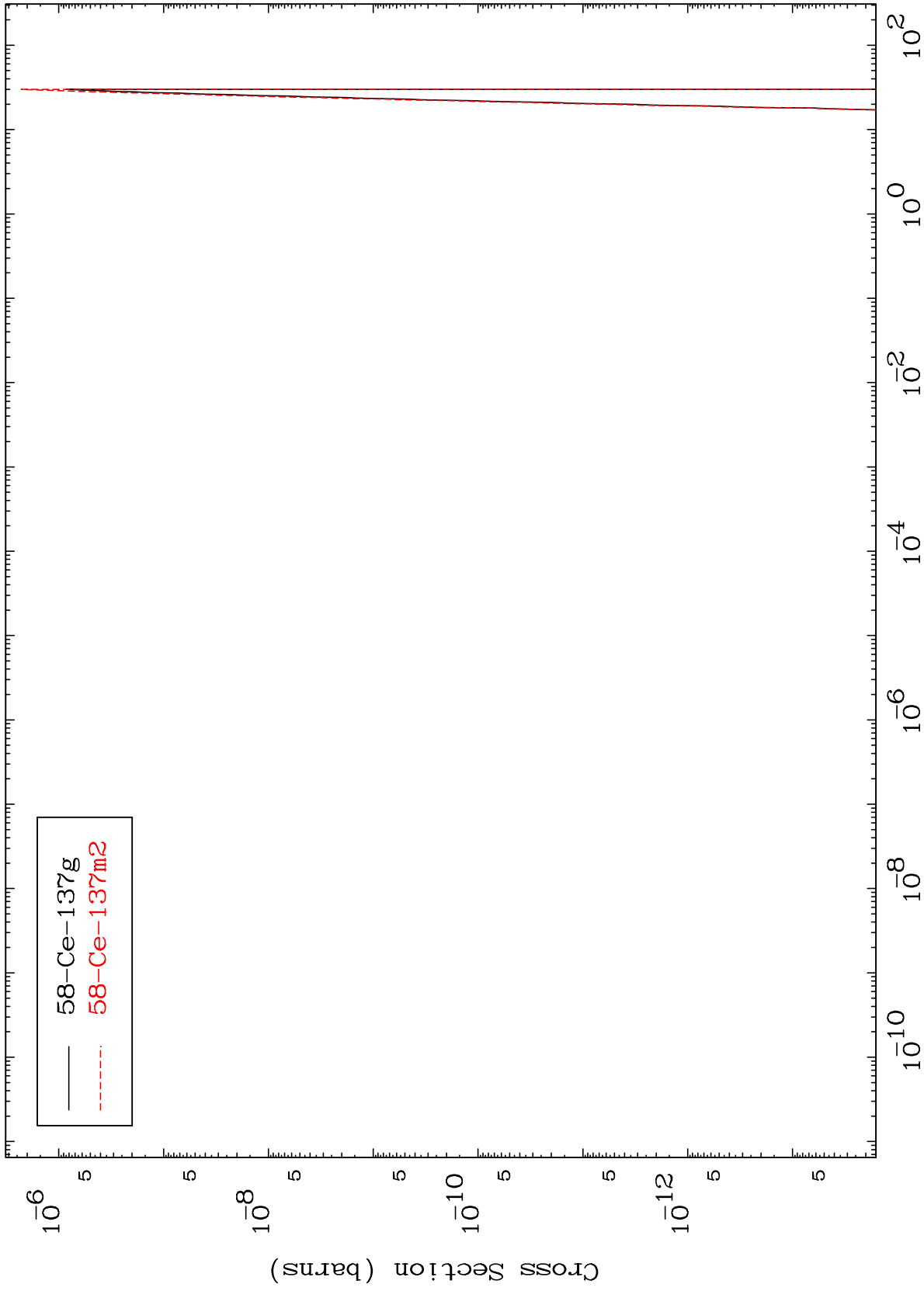
62-Sm-145

MAT 6228

(n,n') 2 α

62-Sm-145

Radionuclide Production Cross Section



141

Incident Energy (MeV)

62-Sm-145