

Program EVALPLOT
(Version 2021-1)

by

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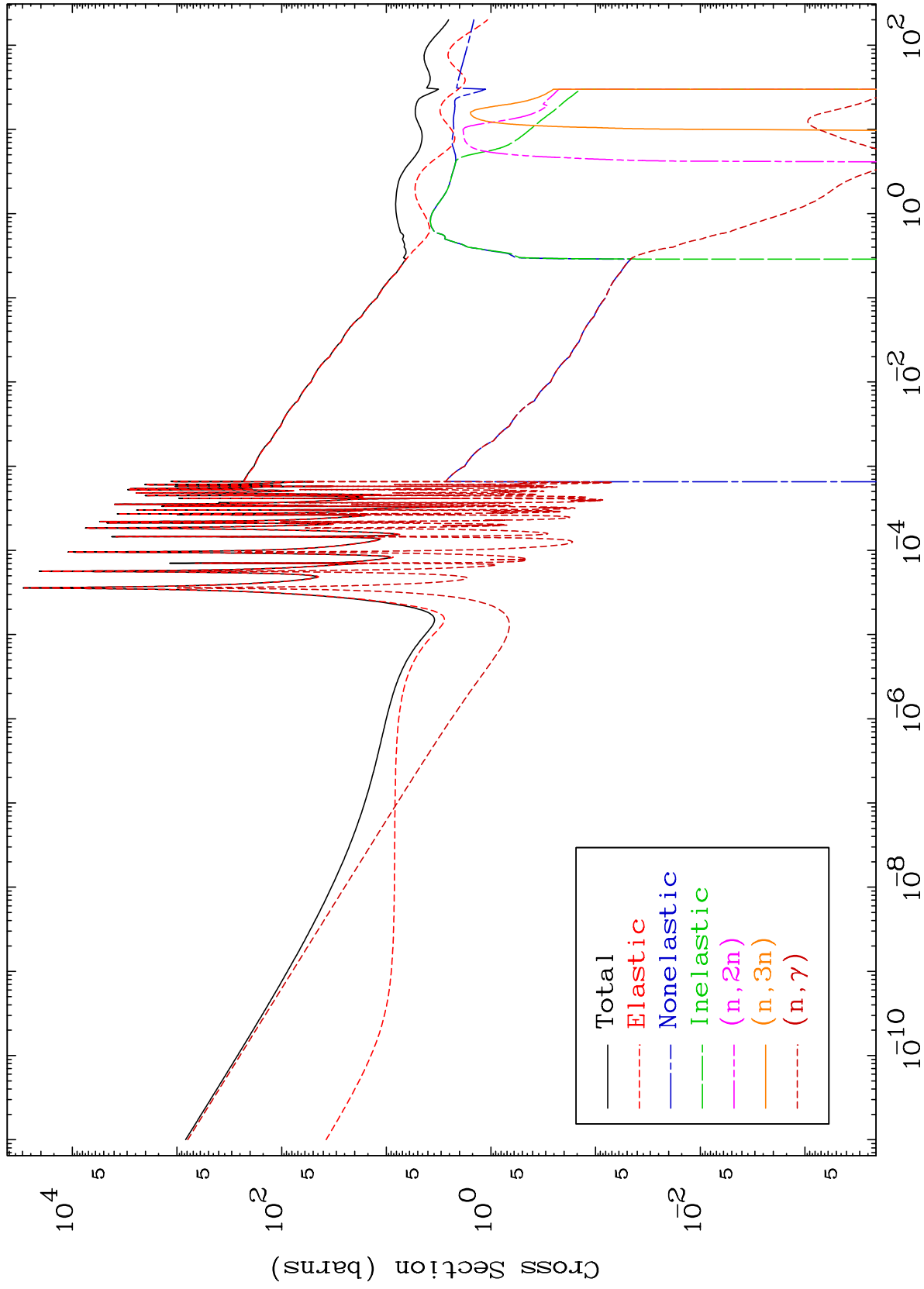
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6370

Neutron Major
293 Kelvin Cross Sections

63-Eu-166

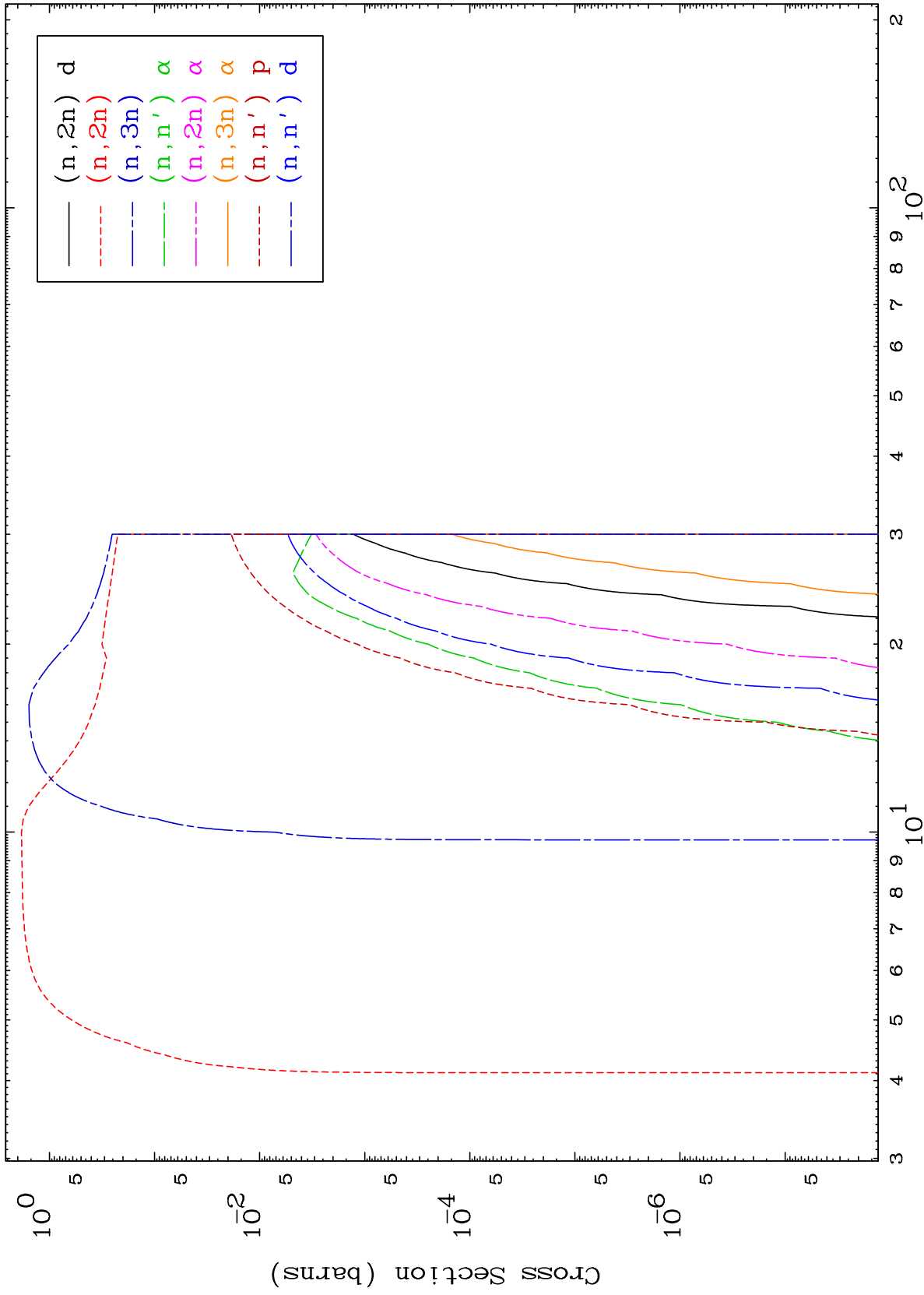


63-Eu-166

MAT 6370

Neutron Absorption 293 Kelvin Cross Sections

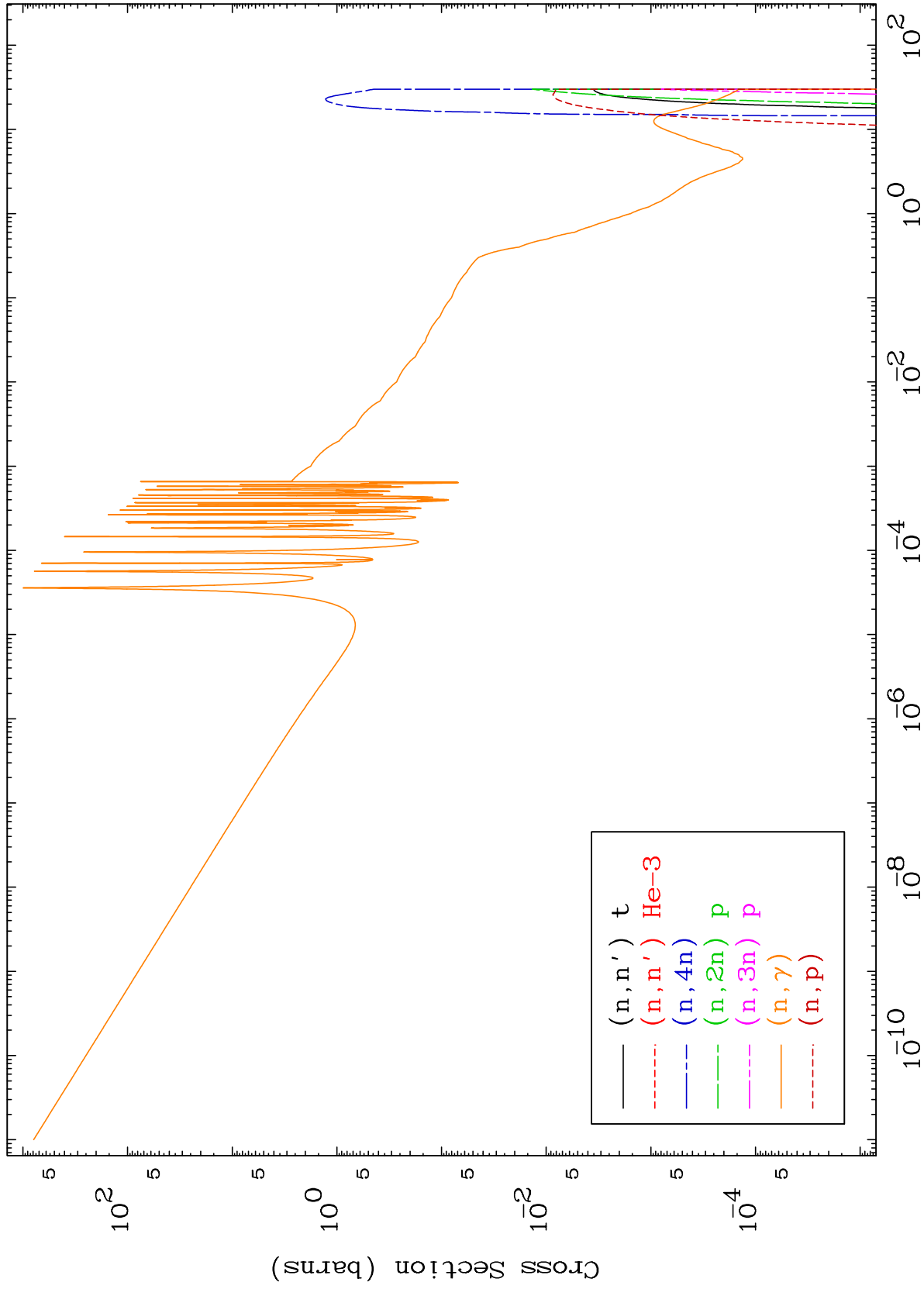
63-Eu-166



2

Incident Energy (MeV)

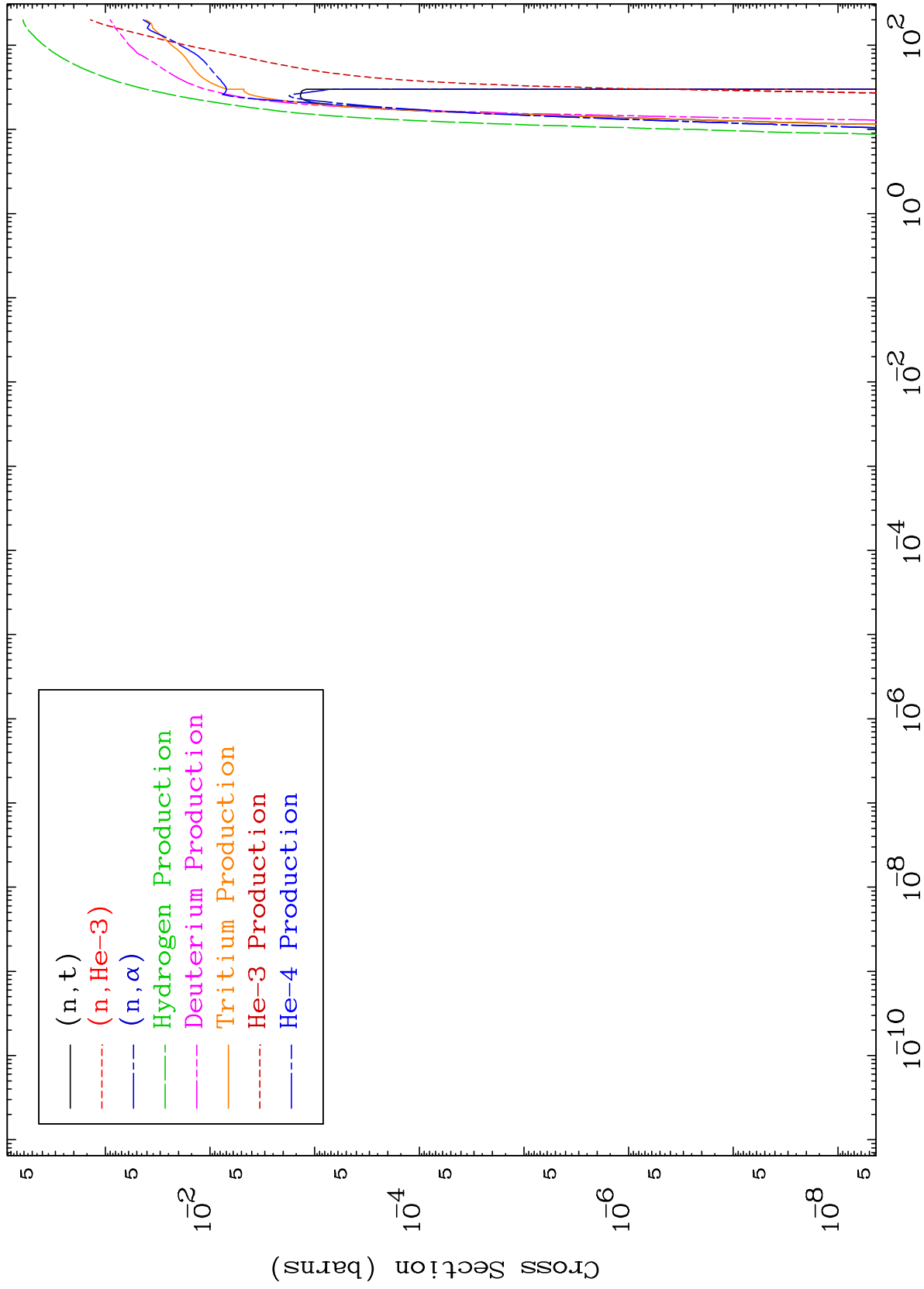
63-Eu-166



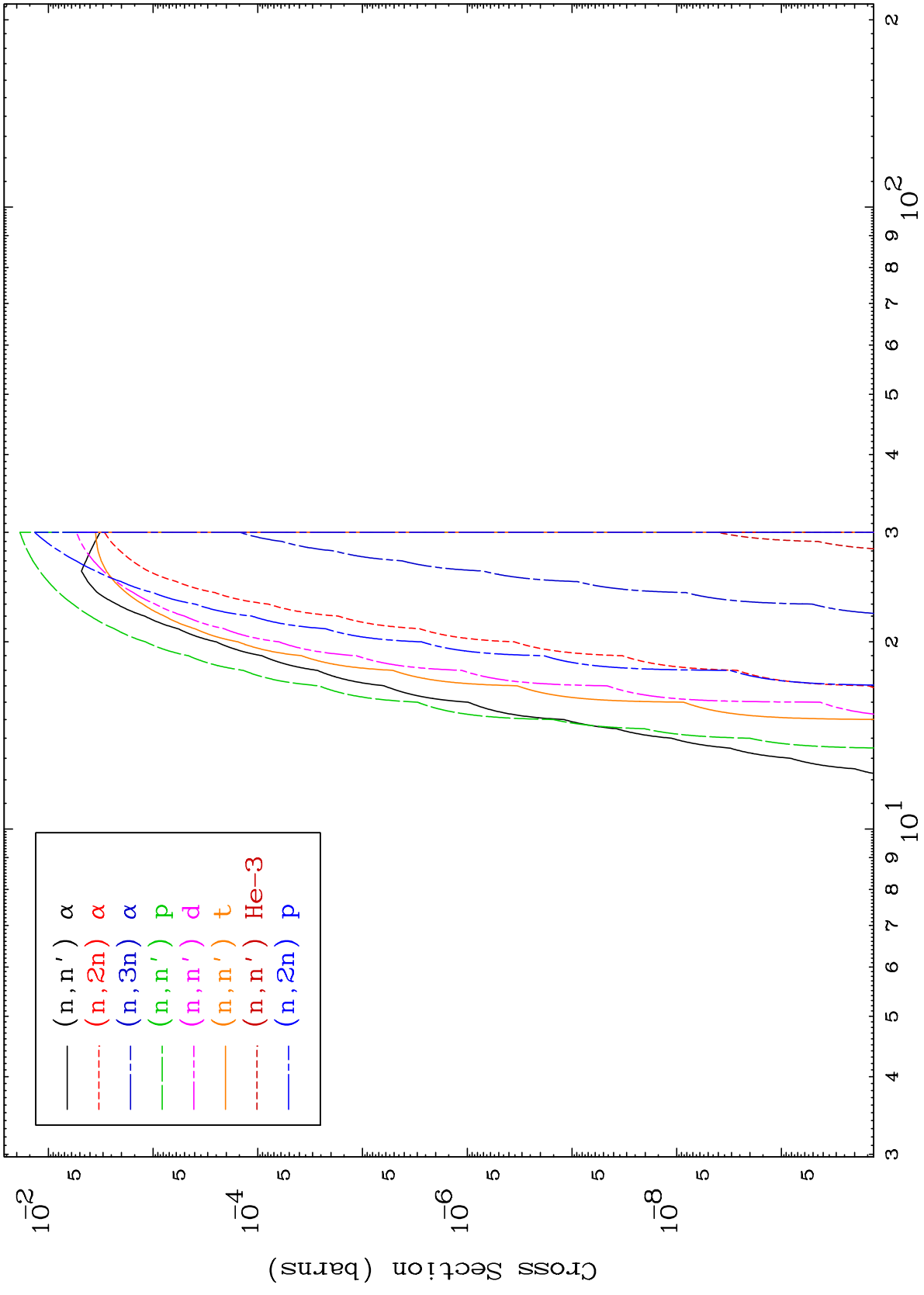
MAT 6370

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-166



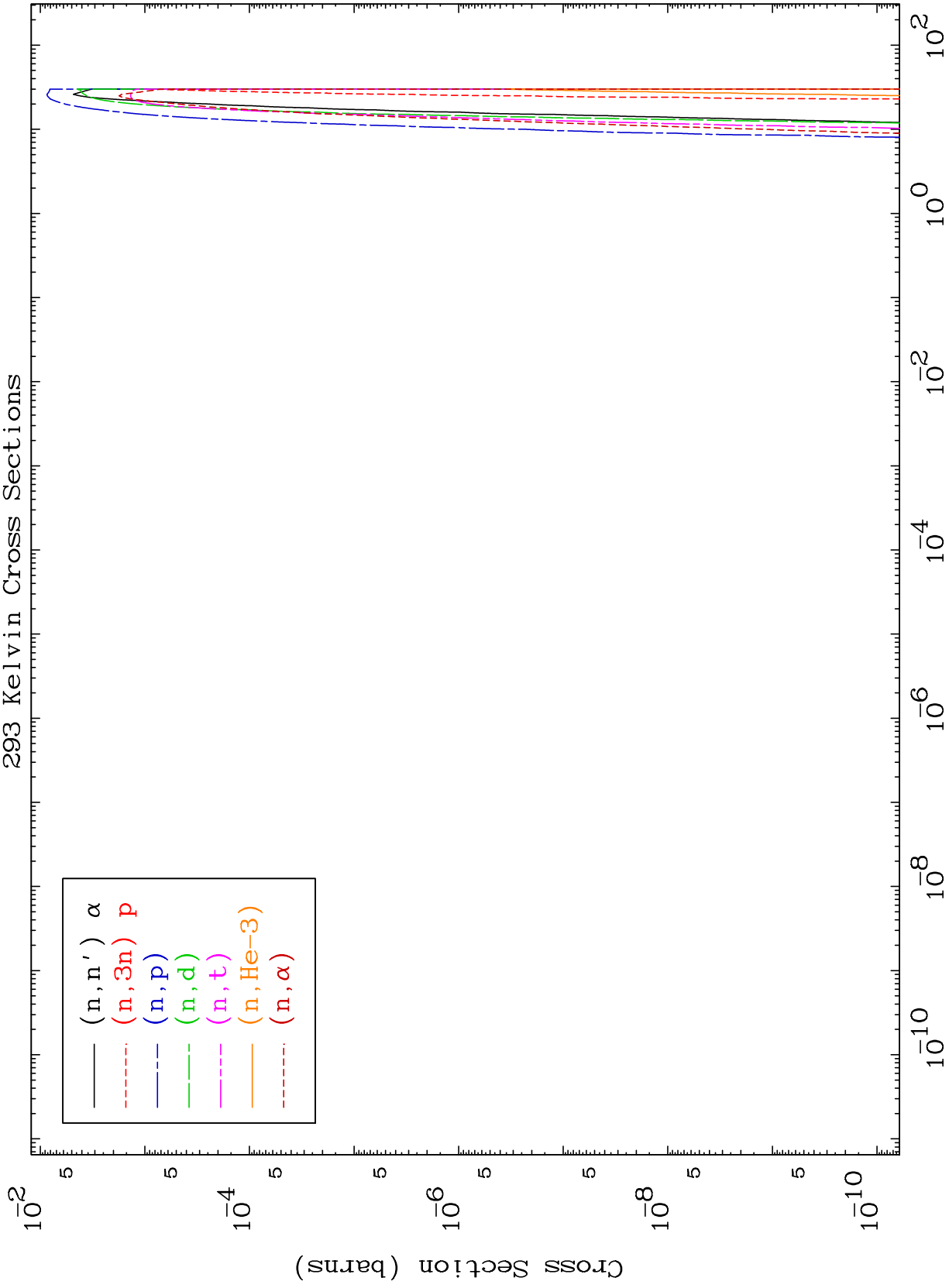
63-Eu-166



MAT 6370

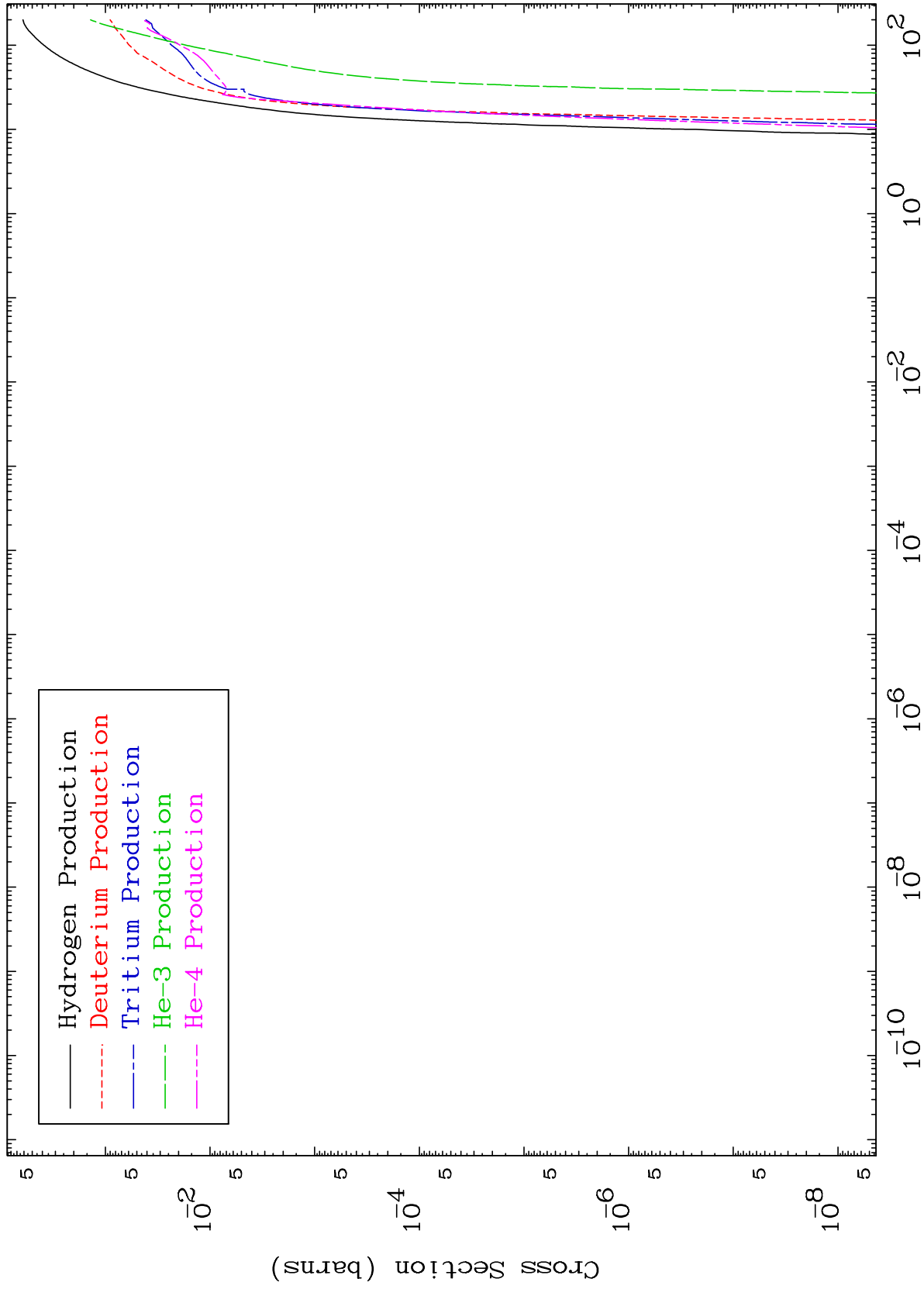
Charged Particle
293 Kelvin Cross Sections

63-Eu-166



6

63-Eu-166

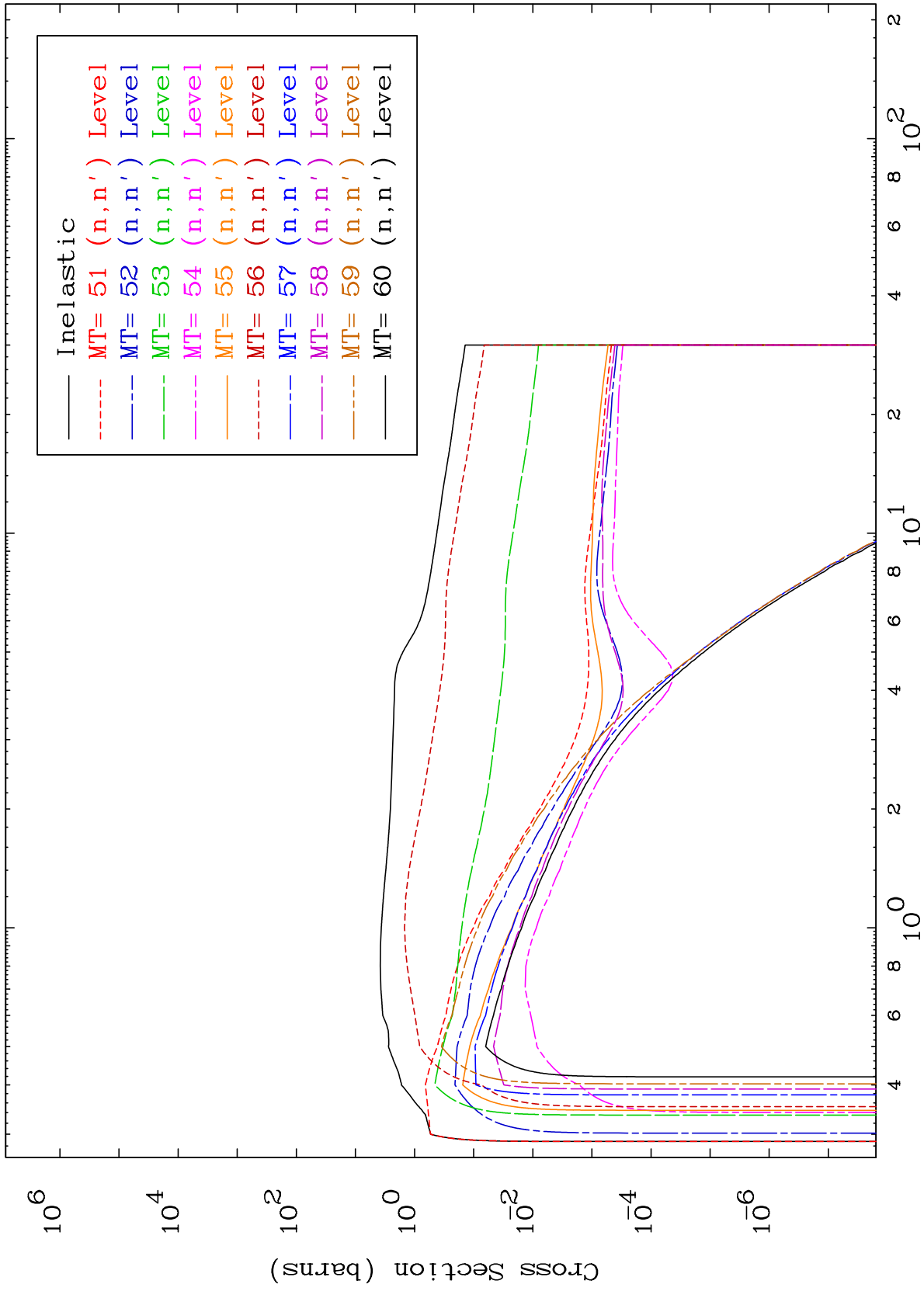


MAT 6370

(n,n') Levels

63-Eu-166

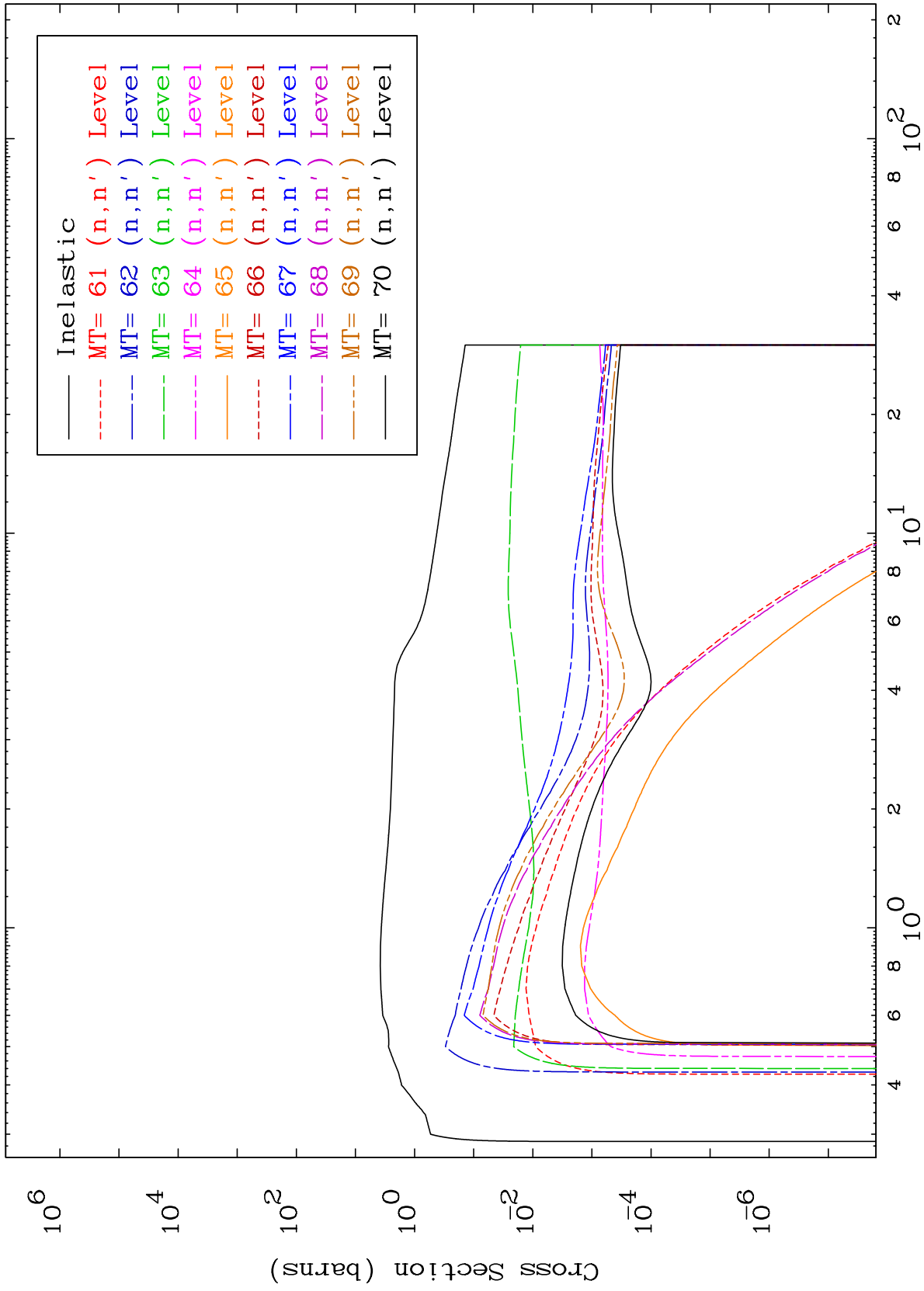
293 Kelvin Cross Sections



8

Incident Energy (MeV)

63-Eu-166

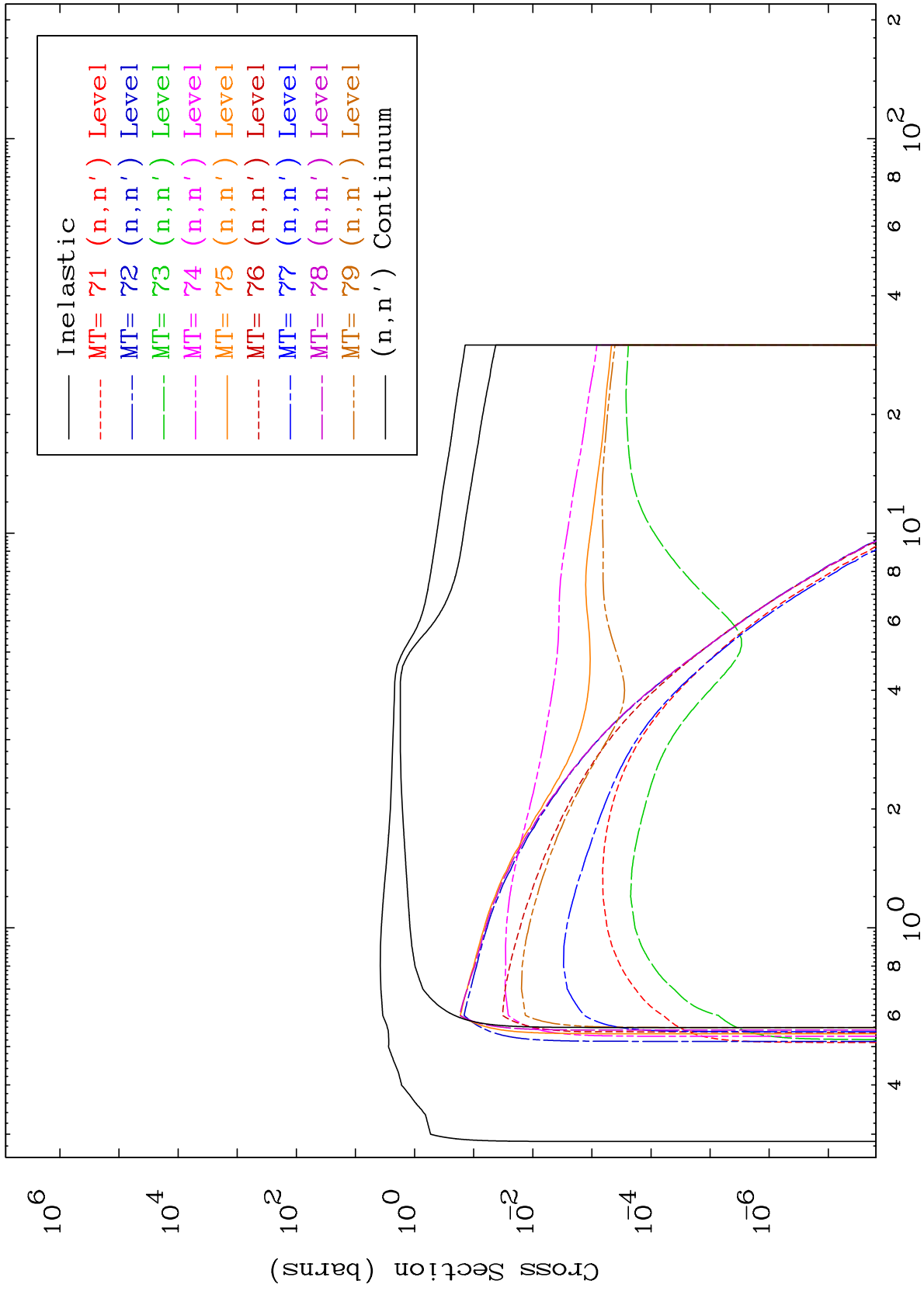


MAT 6370

(n,n') Levels

63-Eu-166

293 Kelvin Cross Sections



10

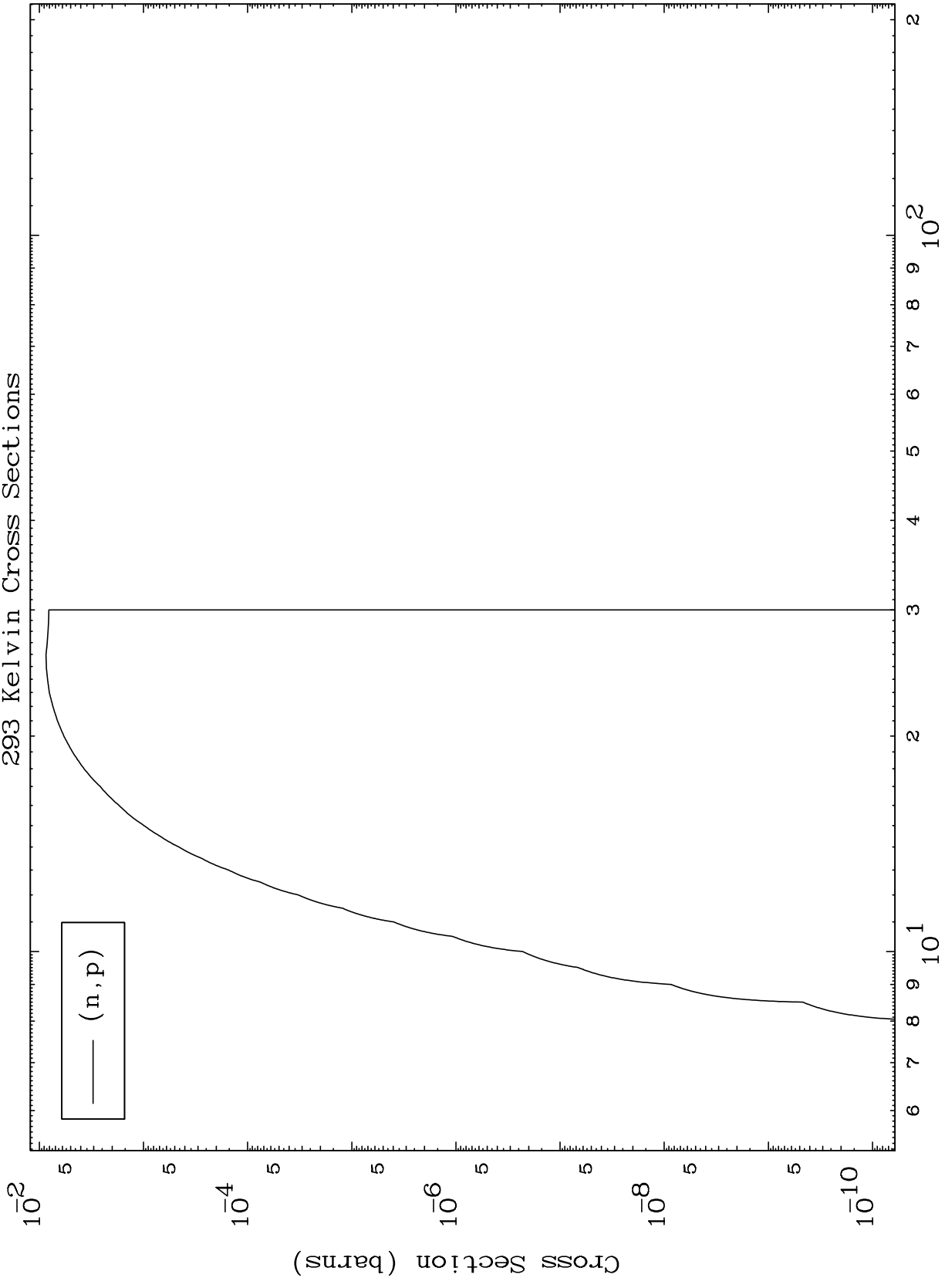
Incident Energy (MeV)

63-Eu-166

MAT 6370

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-166



11

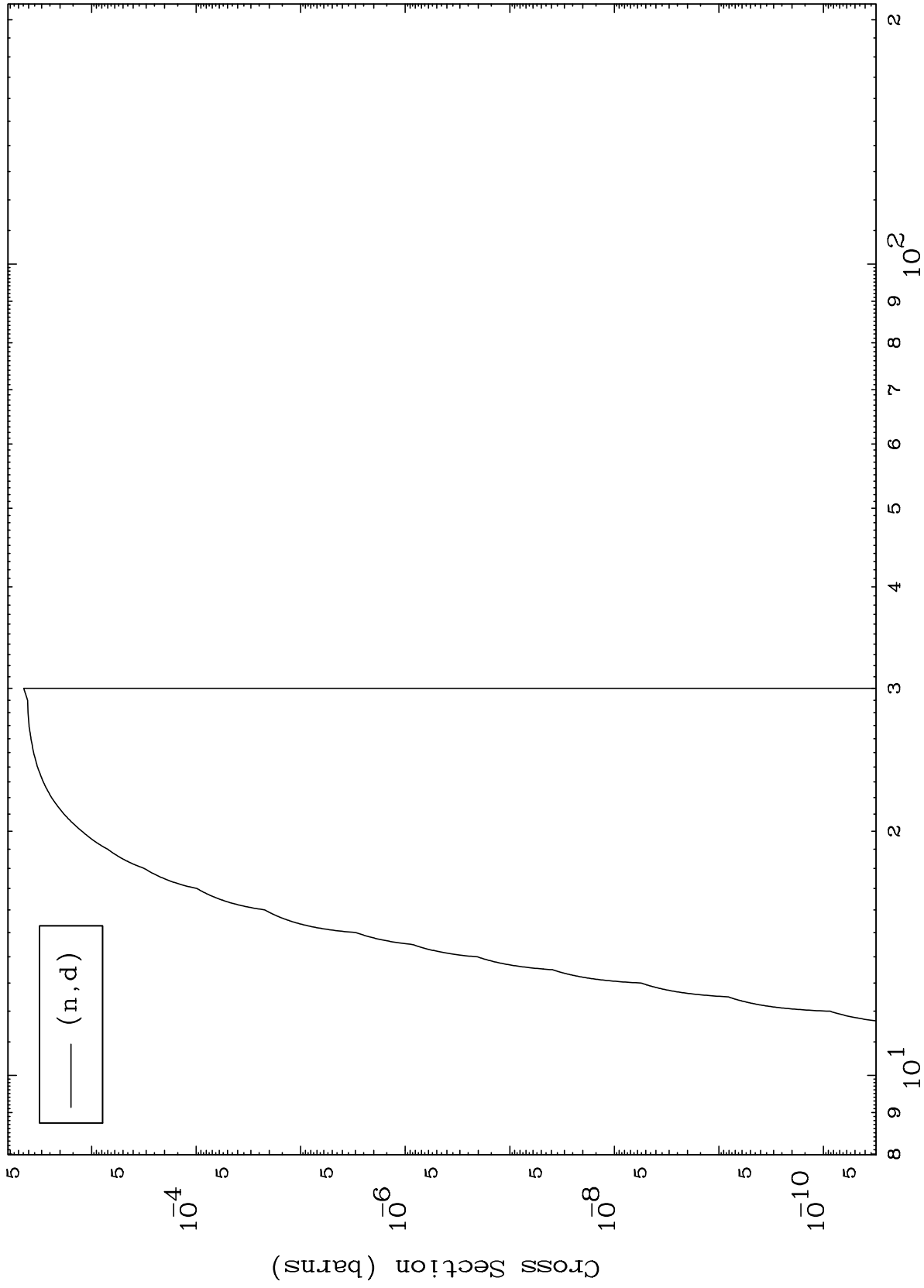
Incident Energy (MeV)

63-Eu-166

MAT 6370

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-166



12

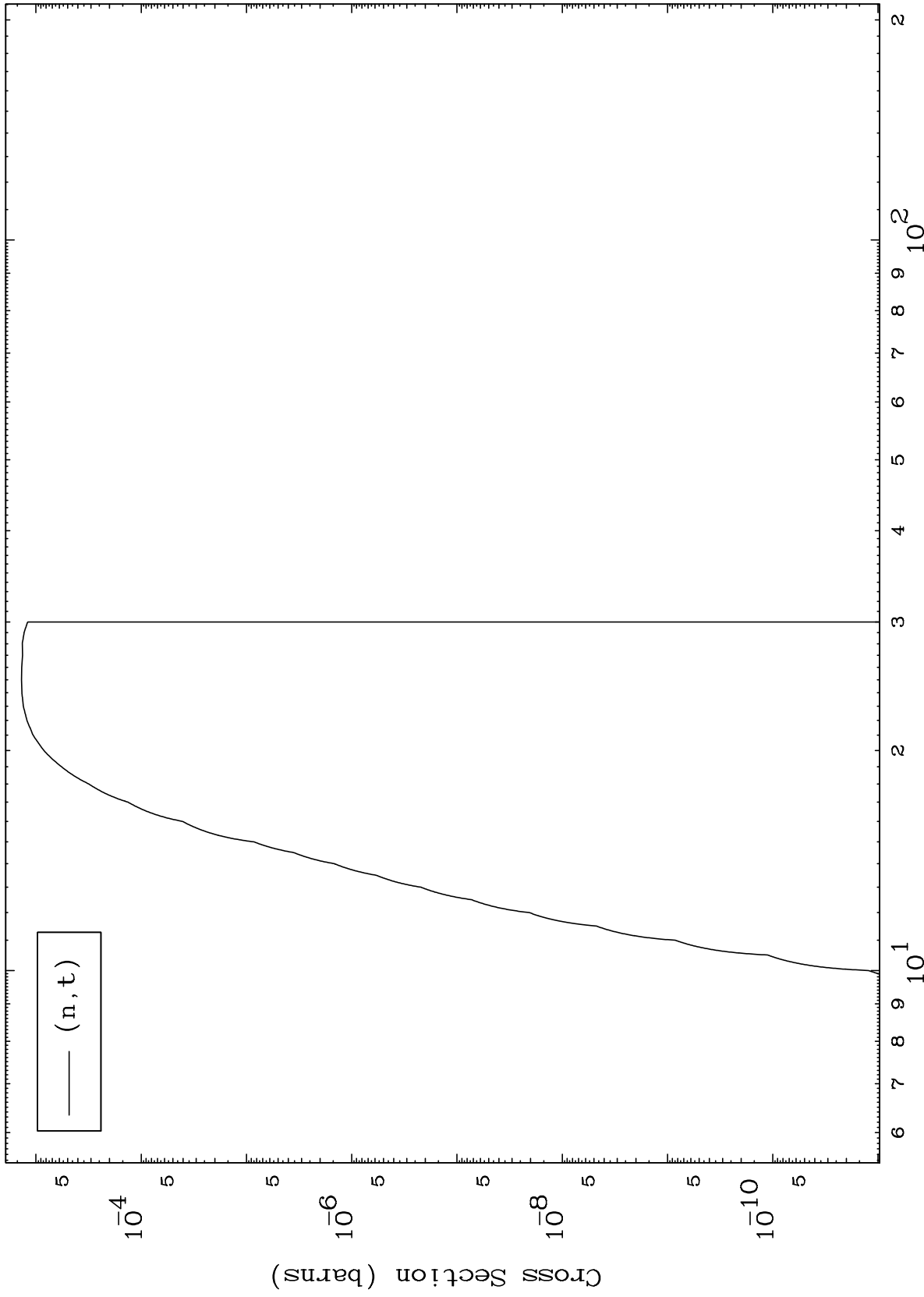
Incident Energy (MeV)

63-Eu-166

MAT 6370

(n,t) Levels
293 Kelvin Cross Sections

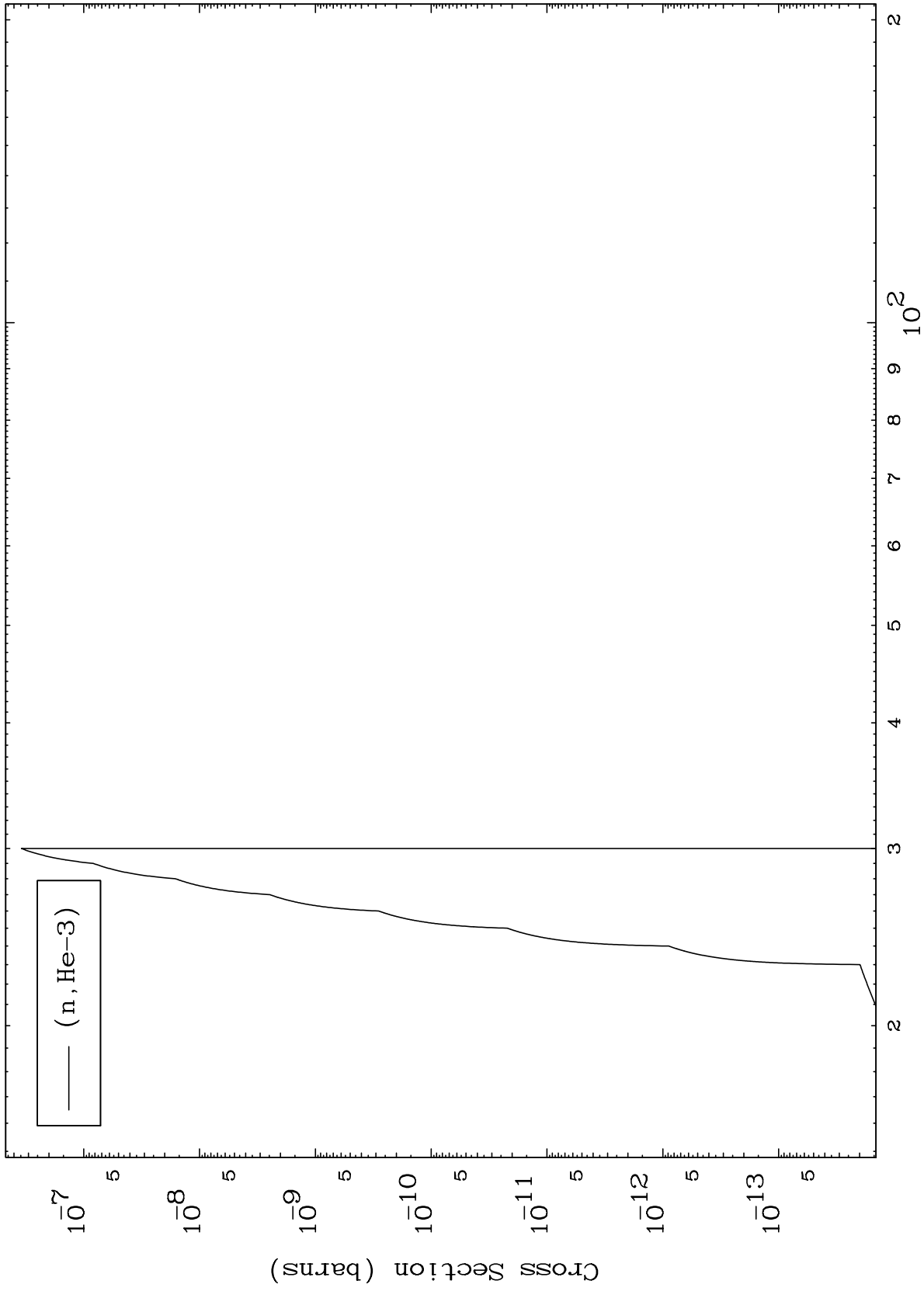
63-Eu-166



13

Incident Energy (MeV)

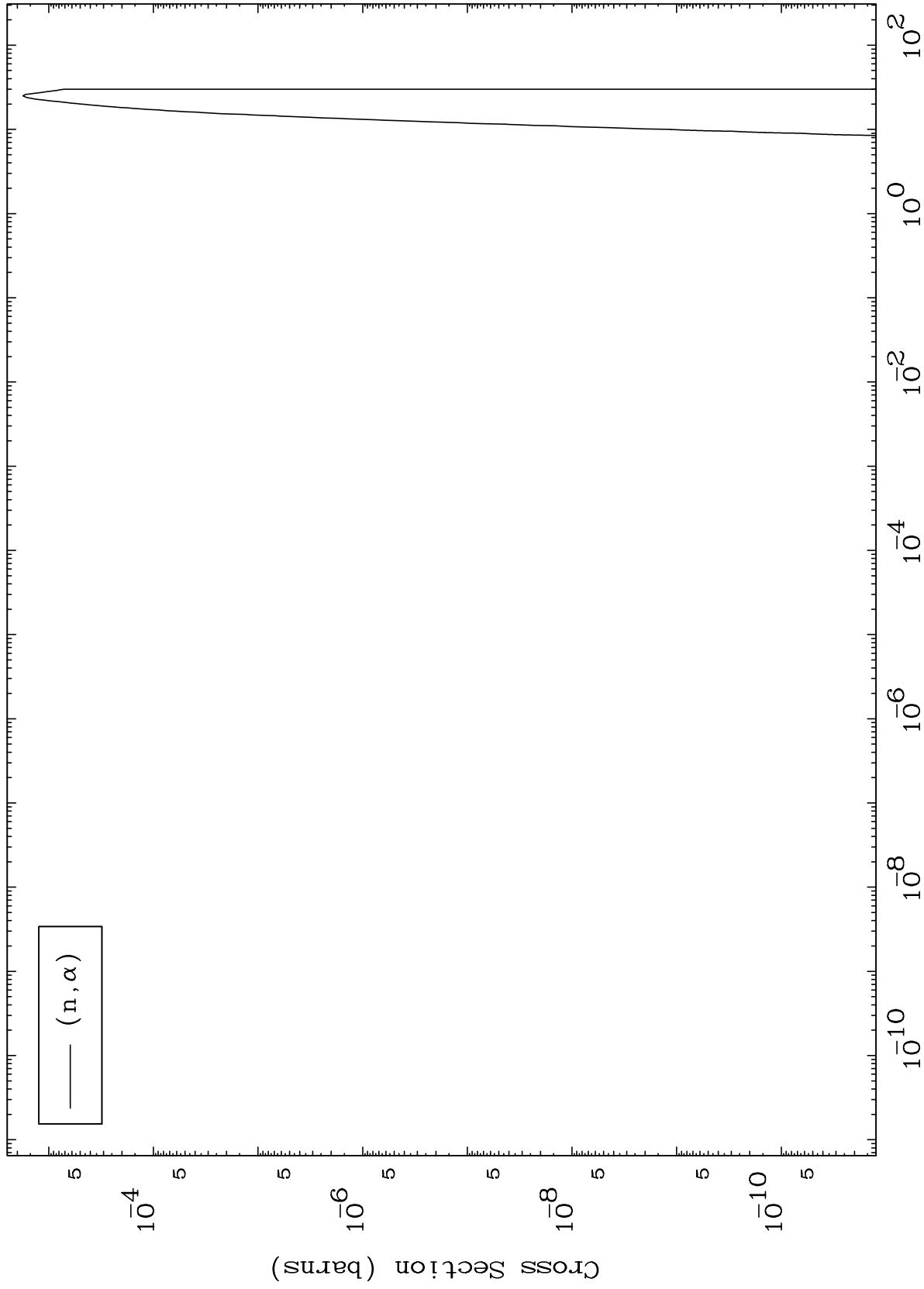
63-Eu-166



MAT 6370

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-166



15

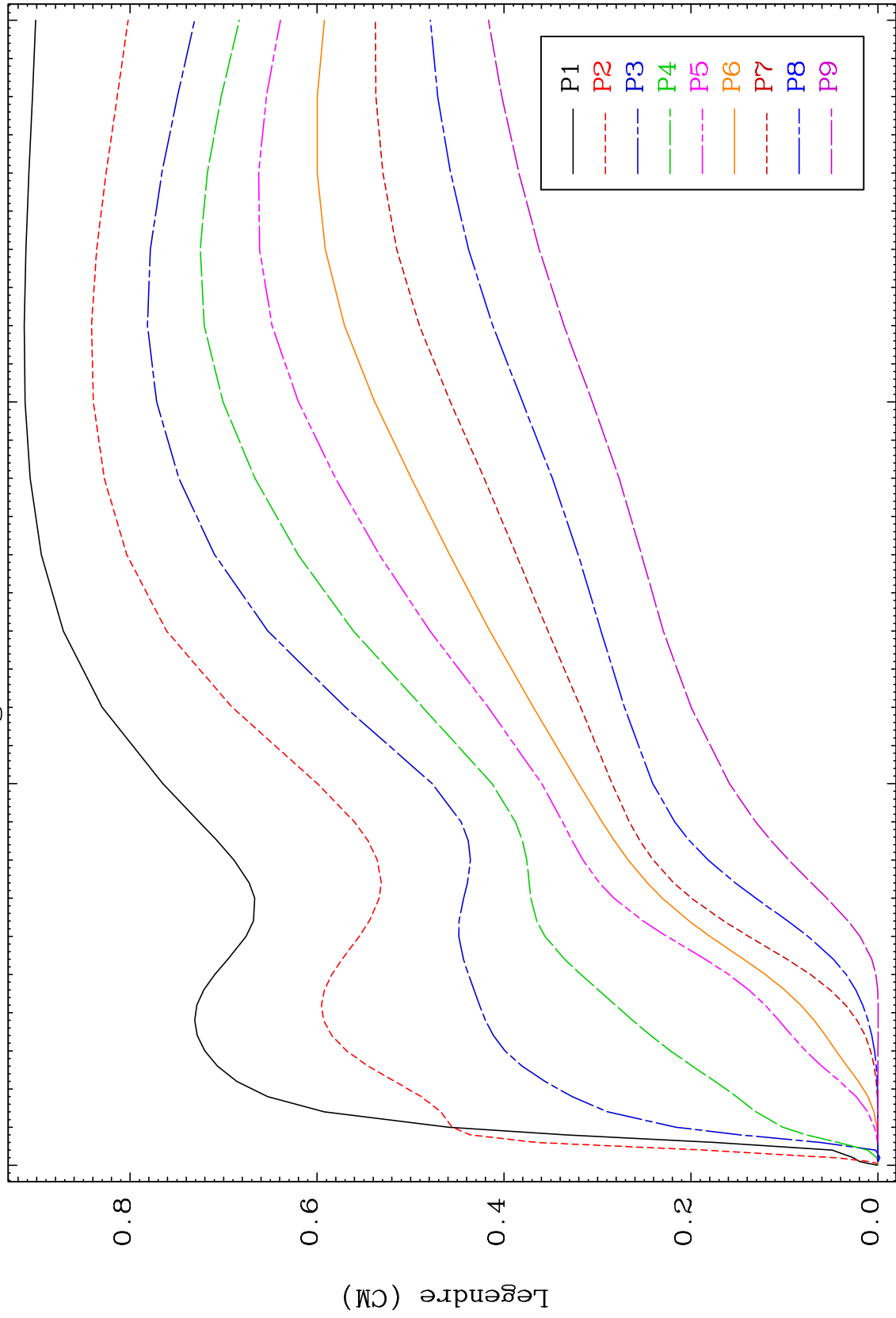
Incident Energy (MeV)

63-Eu-166

MAT 6370

Elastic Legendre Coefficients

63-Eu-166



0

16

10

20

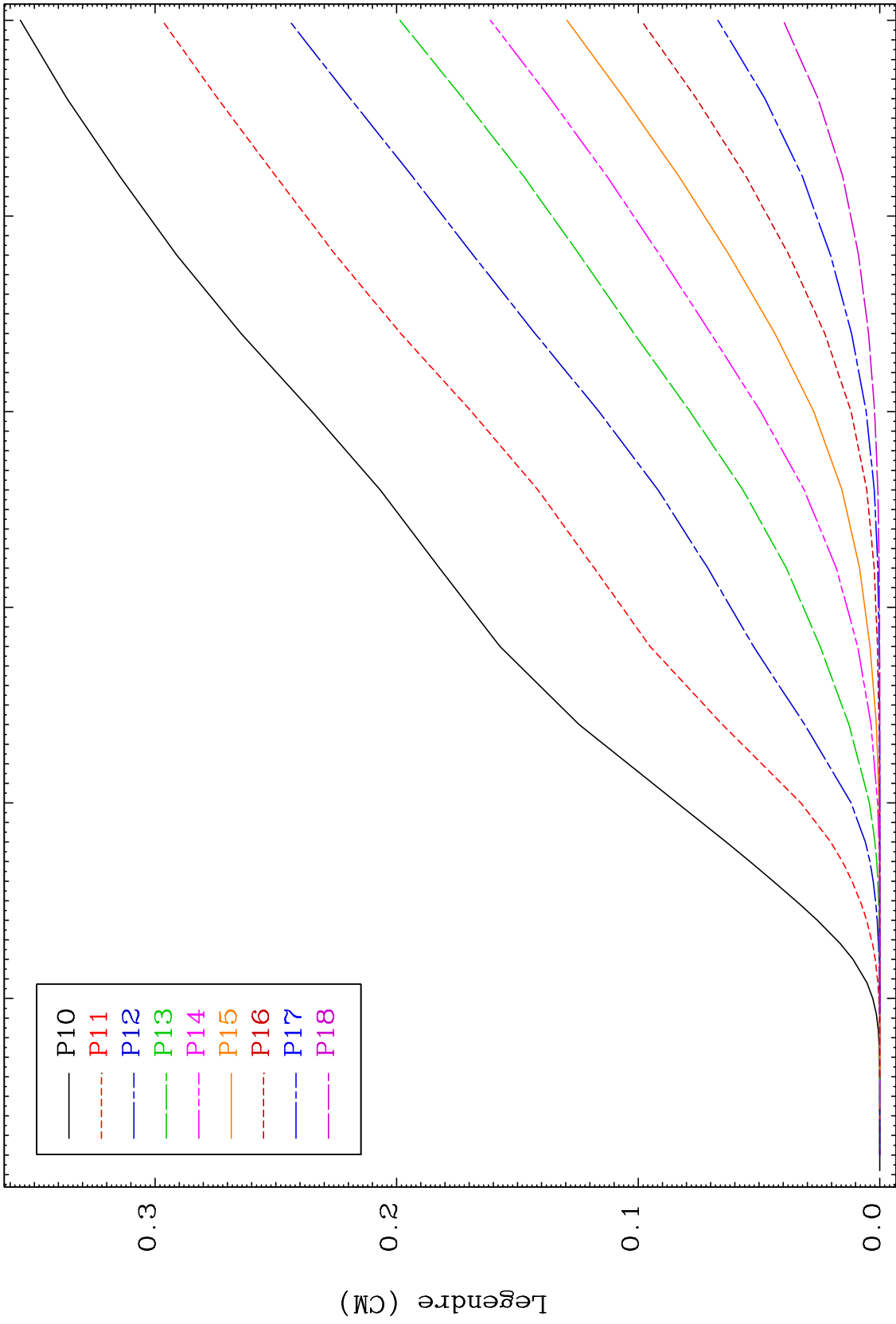
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63-Eu-166

MAT 6370

Elastic Legendre Coefficients

63-Eu-166



17

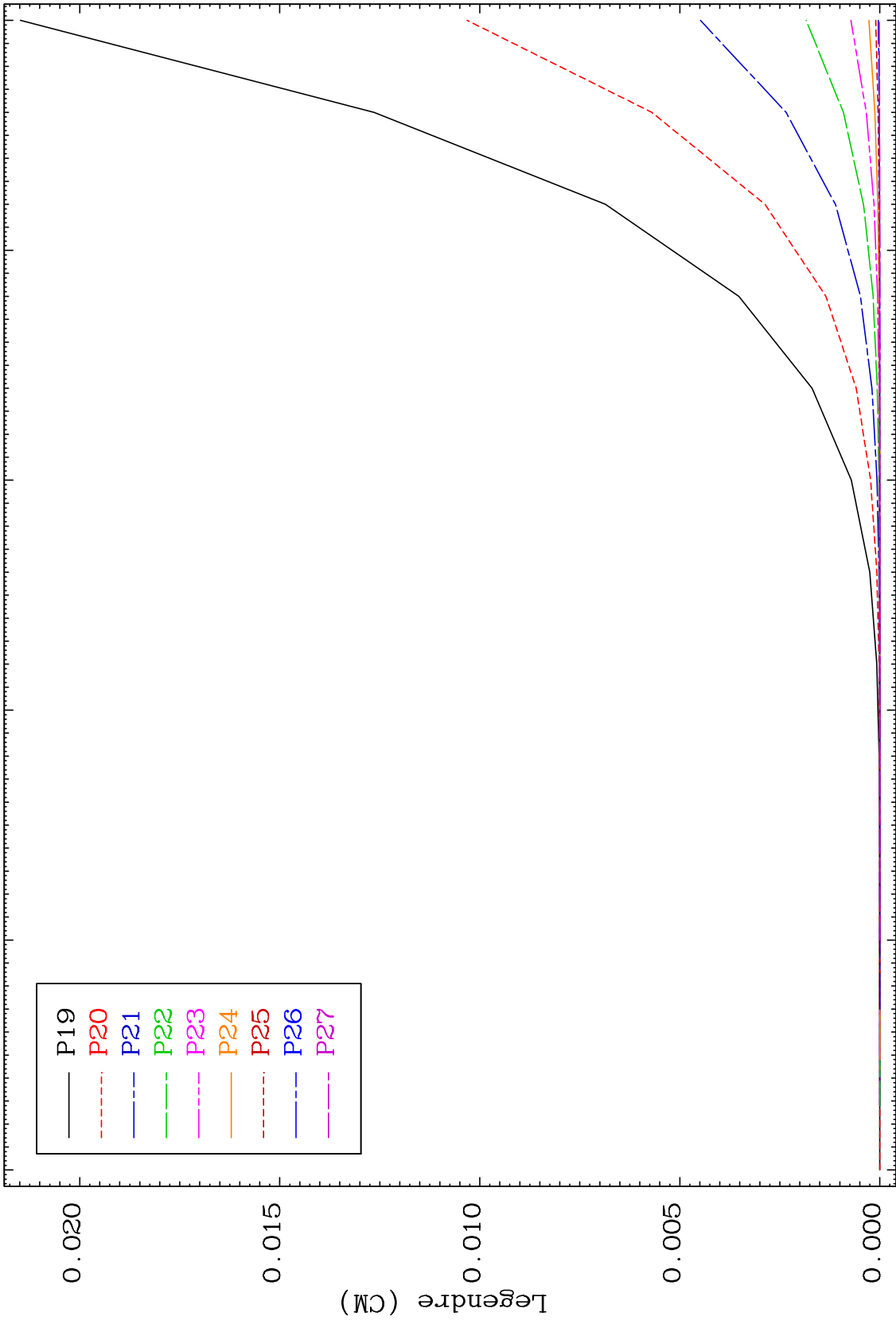
Incident Energy (MeV)

63-Eu-166

MAT 6370

Elastic Legendre Coefficients

63-Eu-166



18

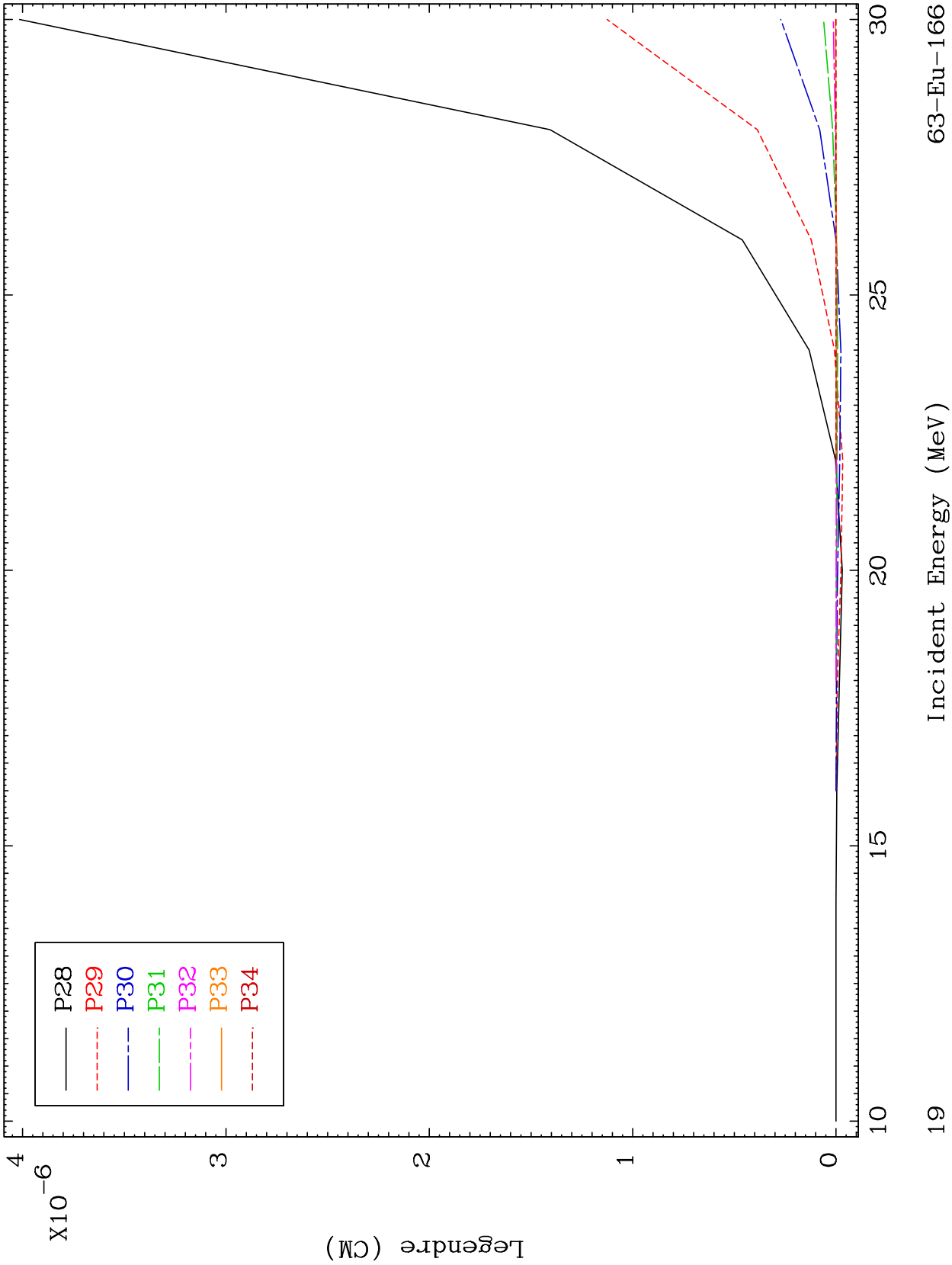
Incident Energy (MeV)

63-Eu-166

MAT 6370

Elastic Legendre Coefficients

63-Eu-166



19

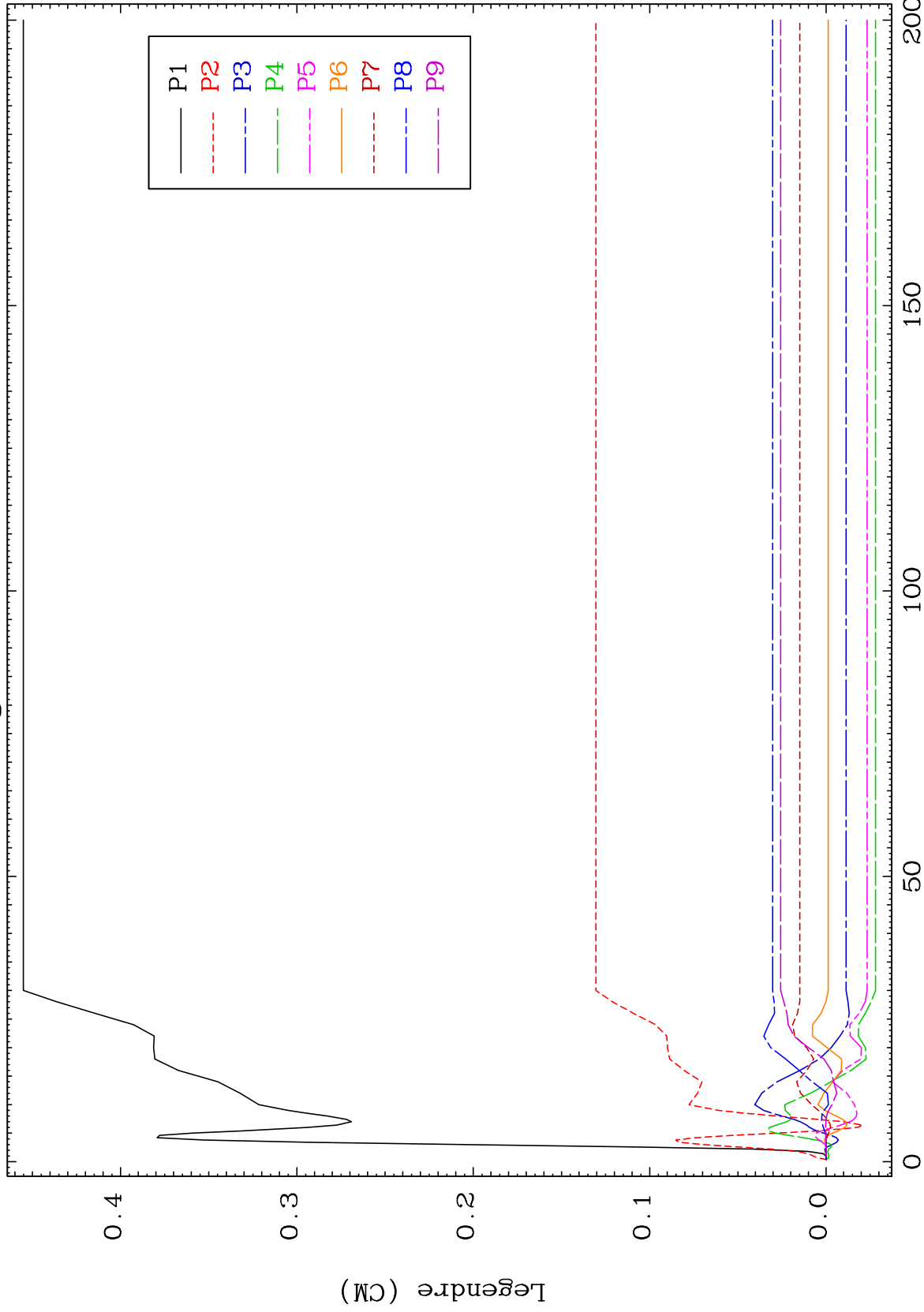
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



20

Incident Energy (MeV)

50

63-Eu-166

100

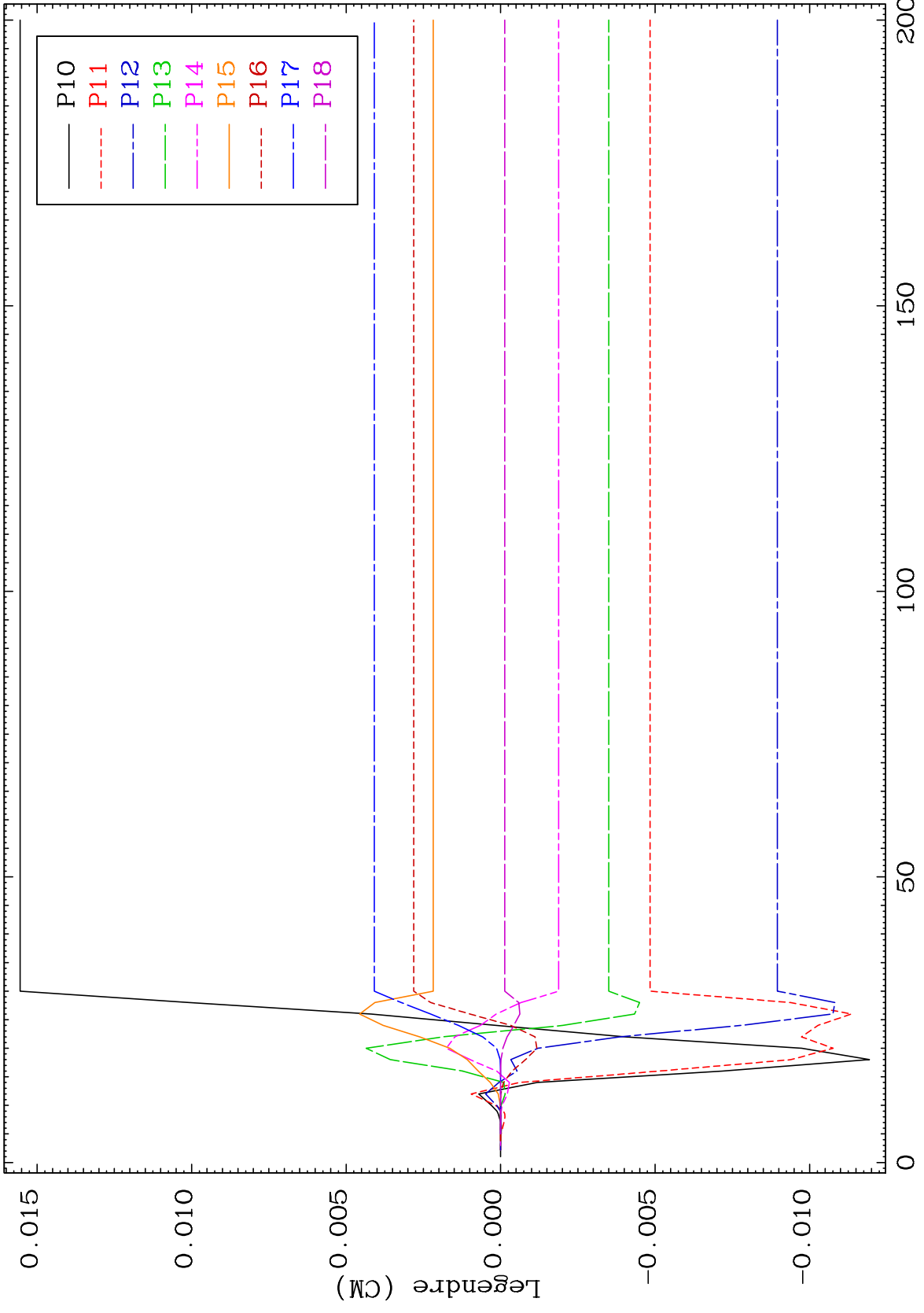
150

200

MAT 6370

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

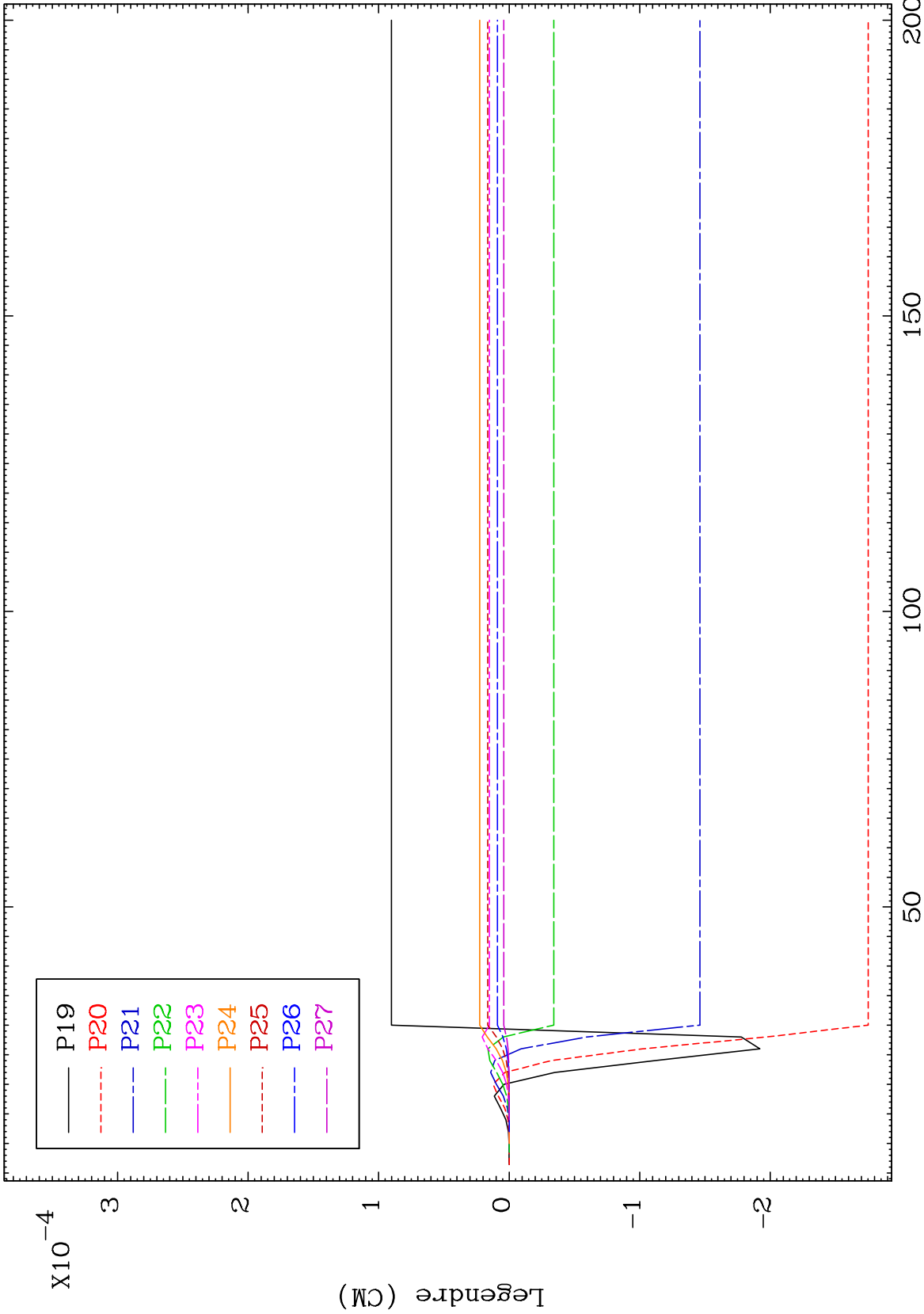
63-Eu-166



21

Incident Energy (MeV)

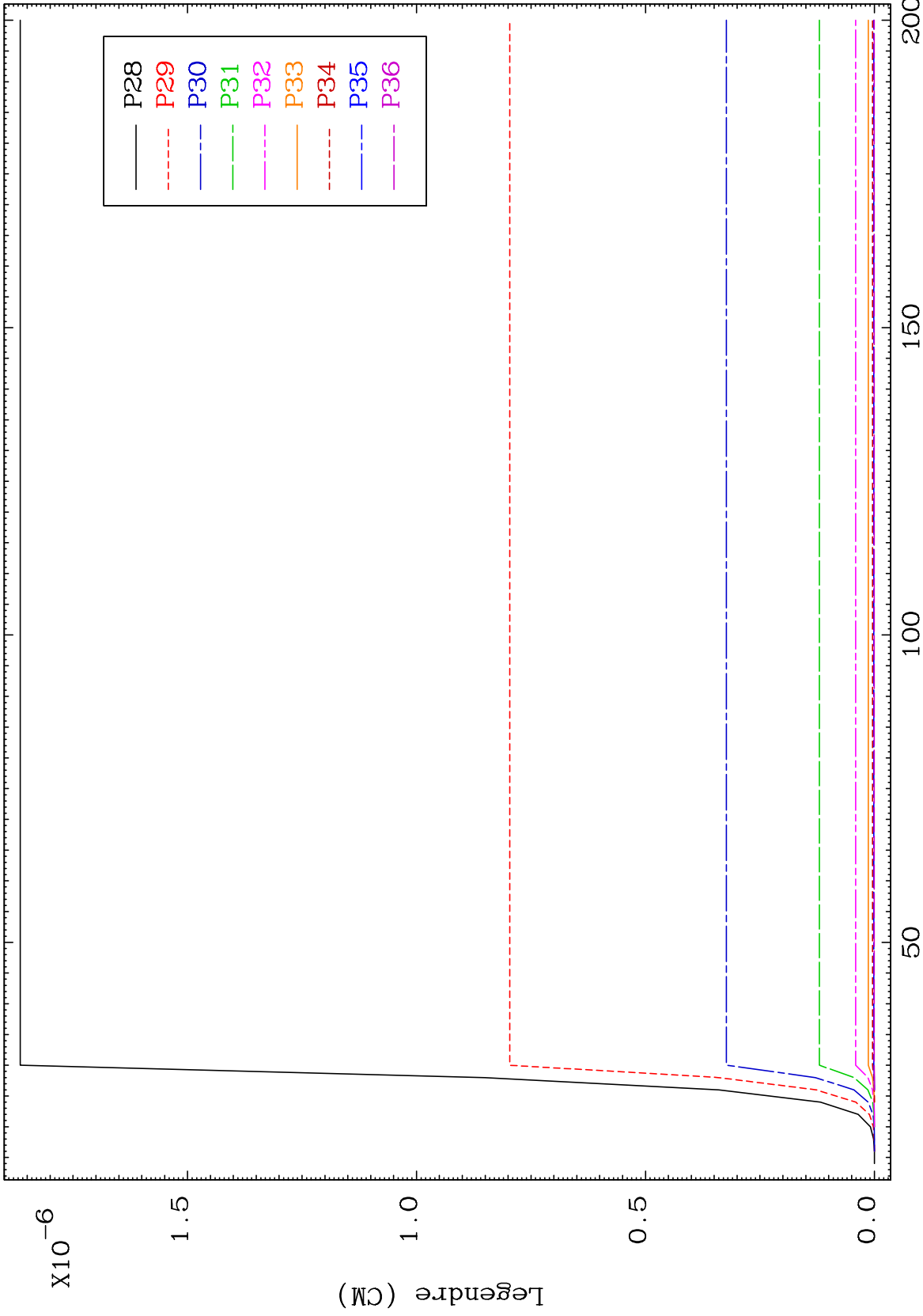
63-Eu-166



MAT 6370

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

63-Eu-166



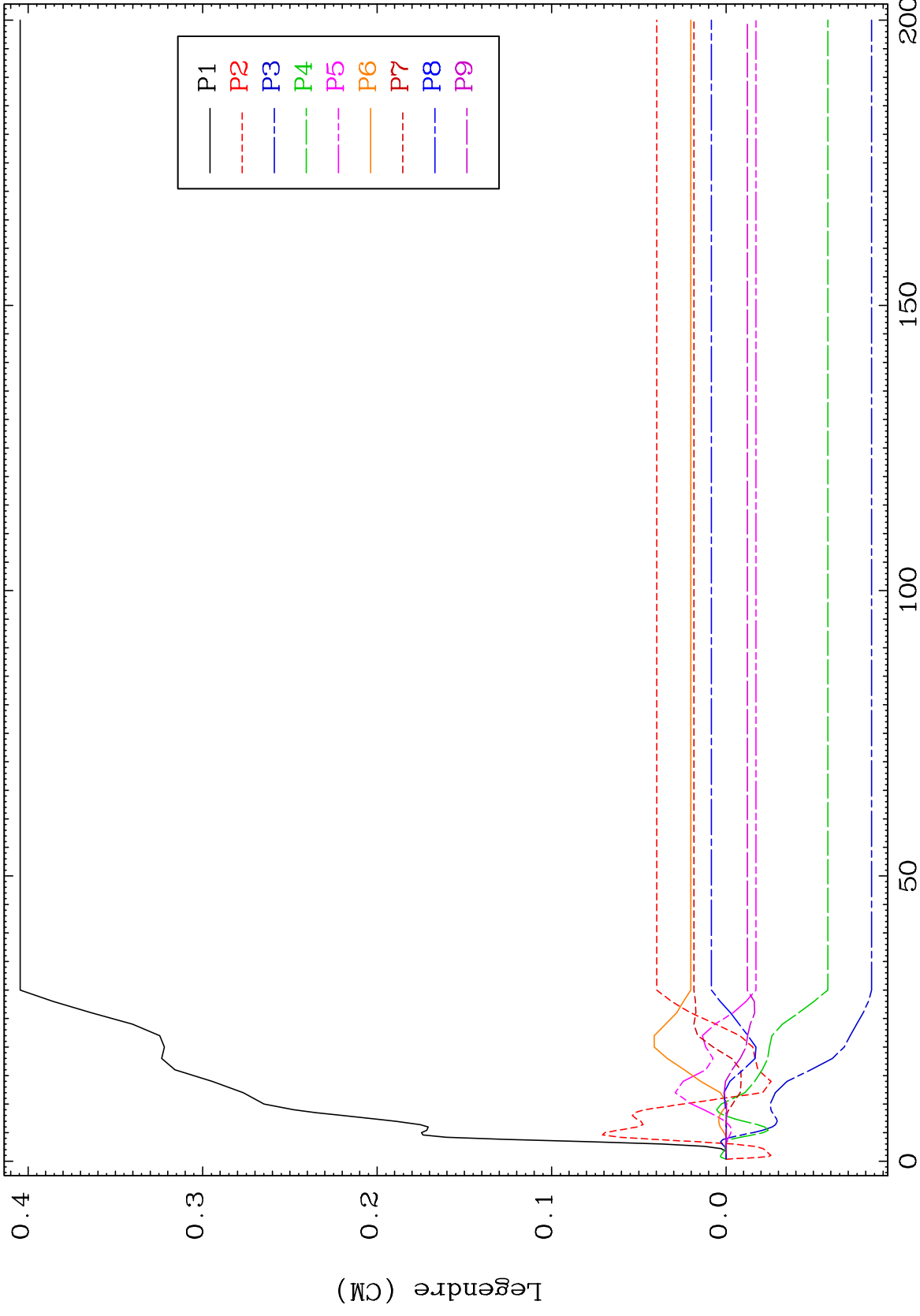
23

63-Eu-166

MAT 6370

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

63-Eu-166



24

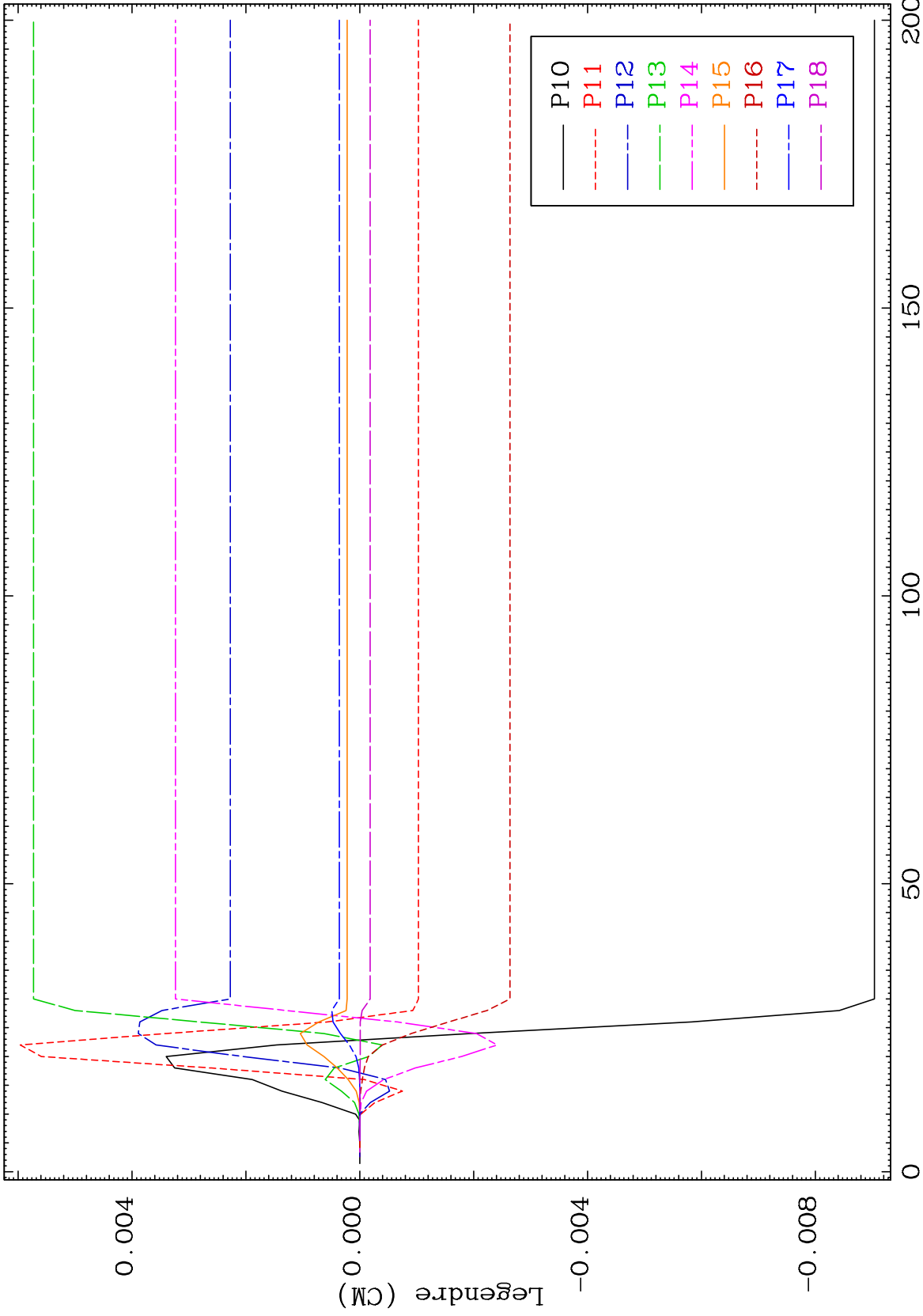
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

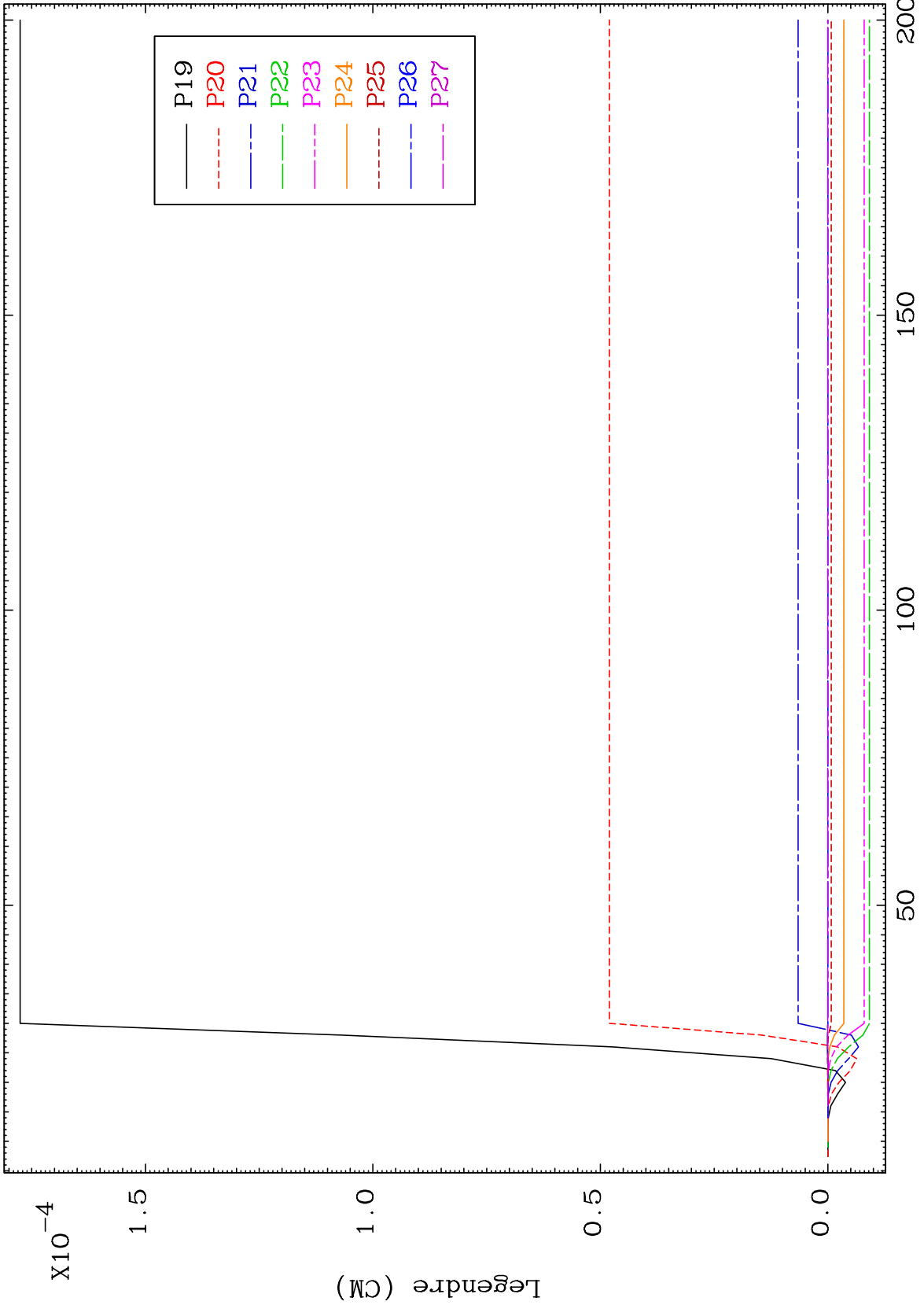
63-Eu-166



25

Incident Energy (MeV)

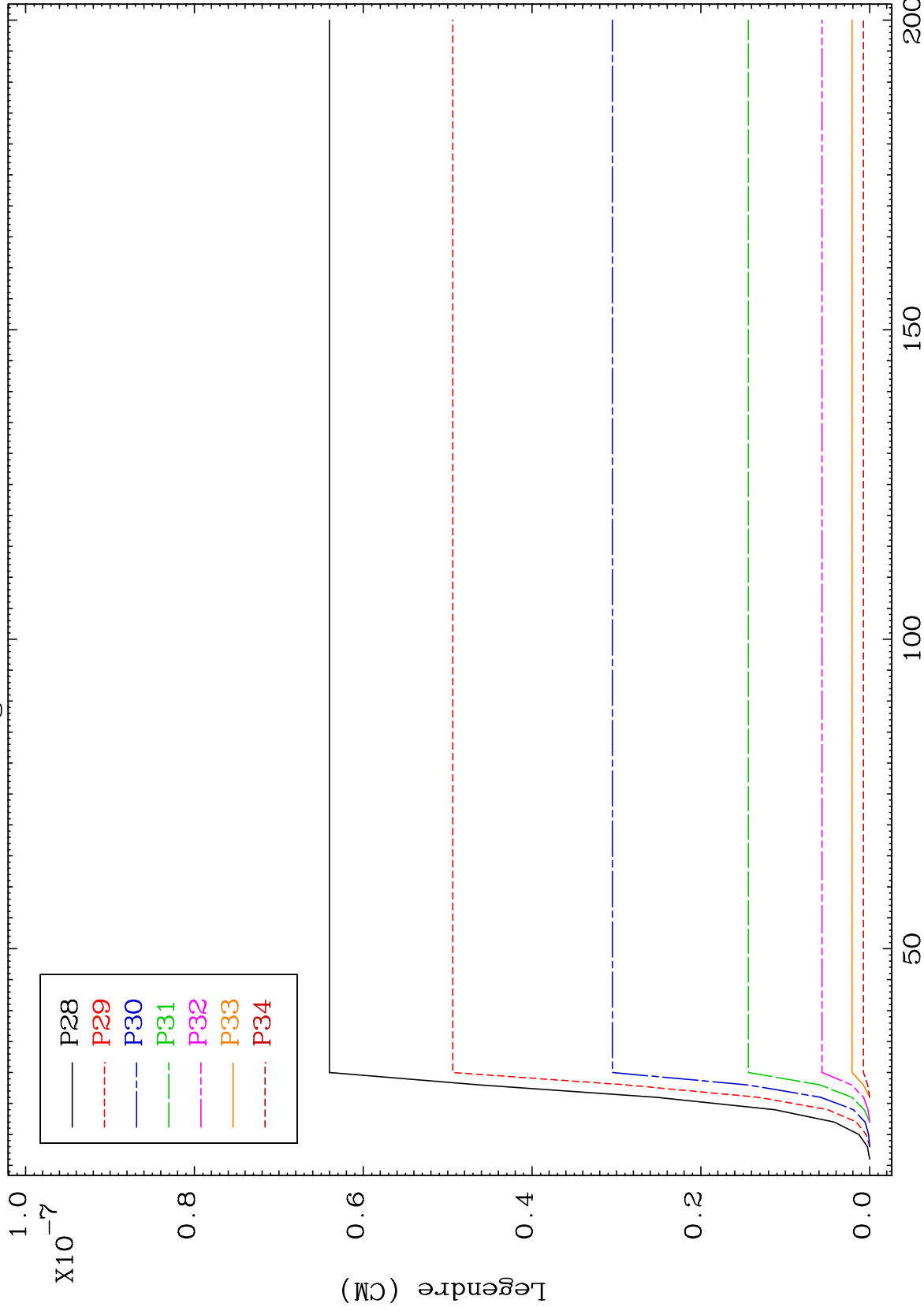
63-Eu-166



MAT 6370

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

63-Eu-166



27

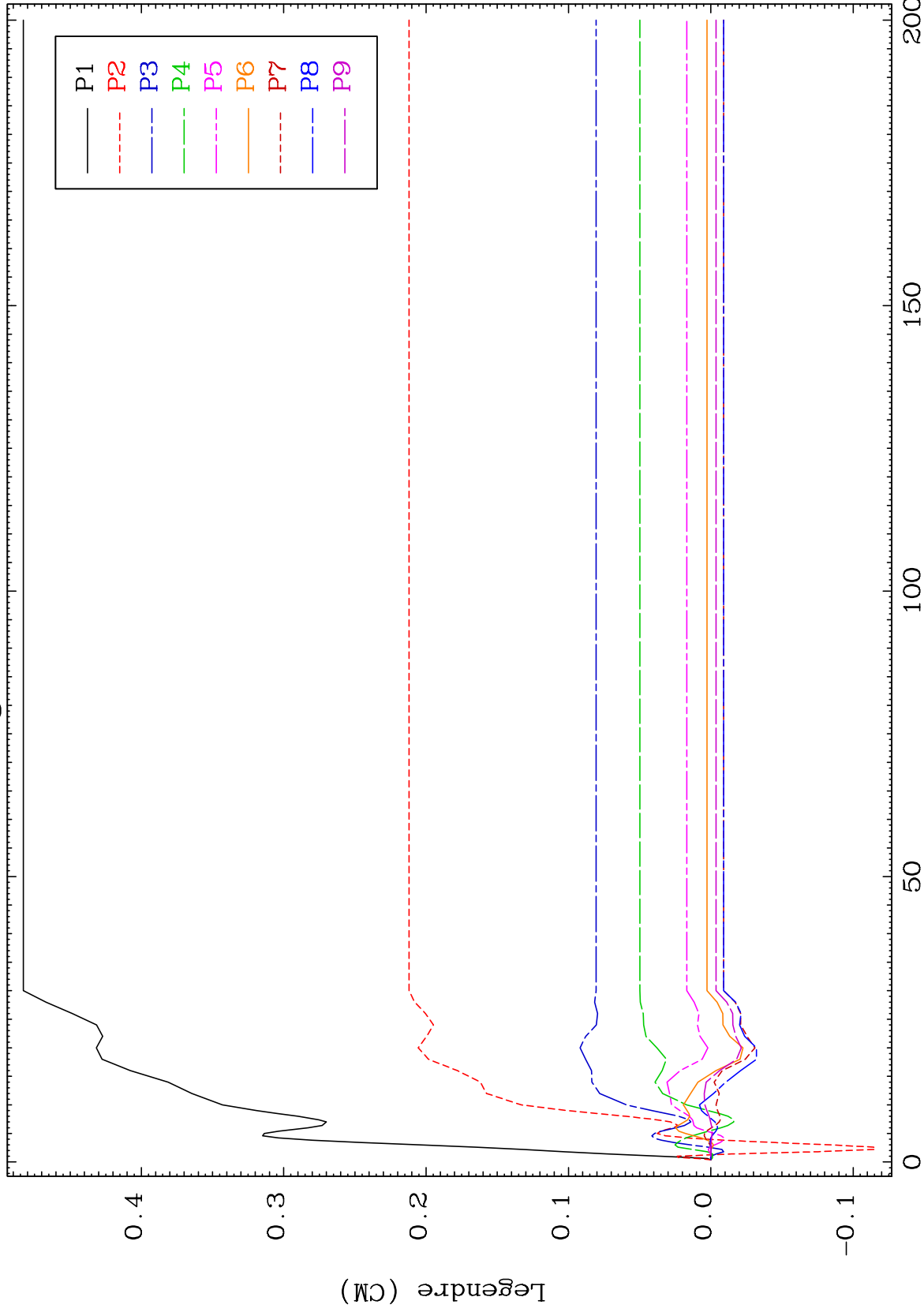
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



28

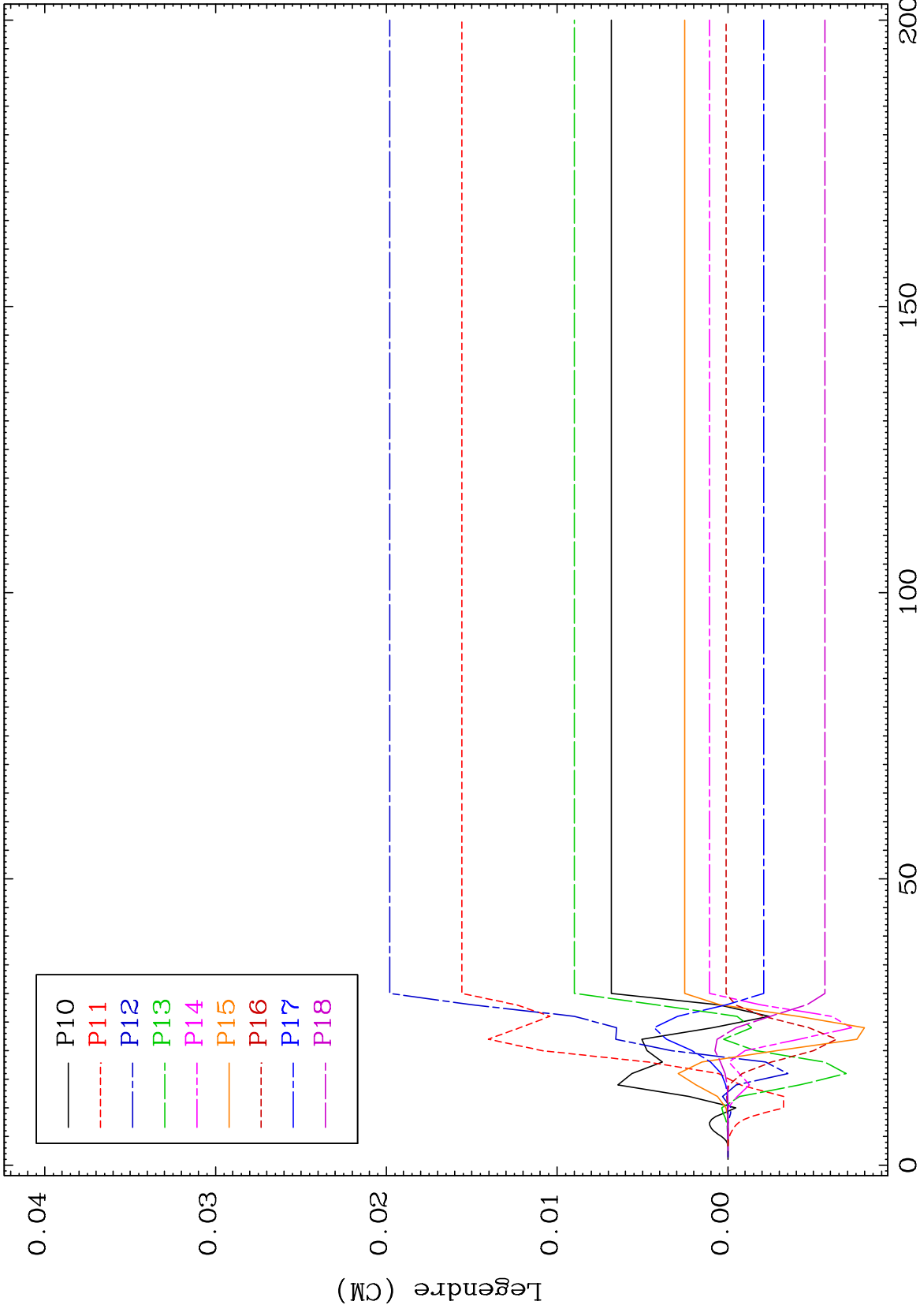
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



29

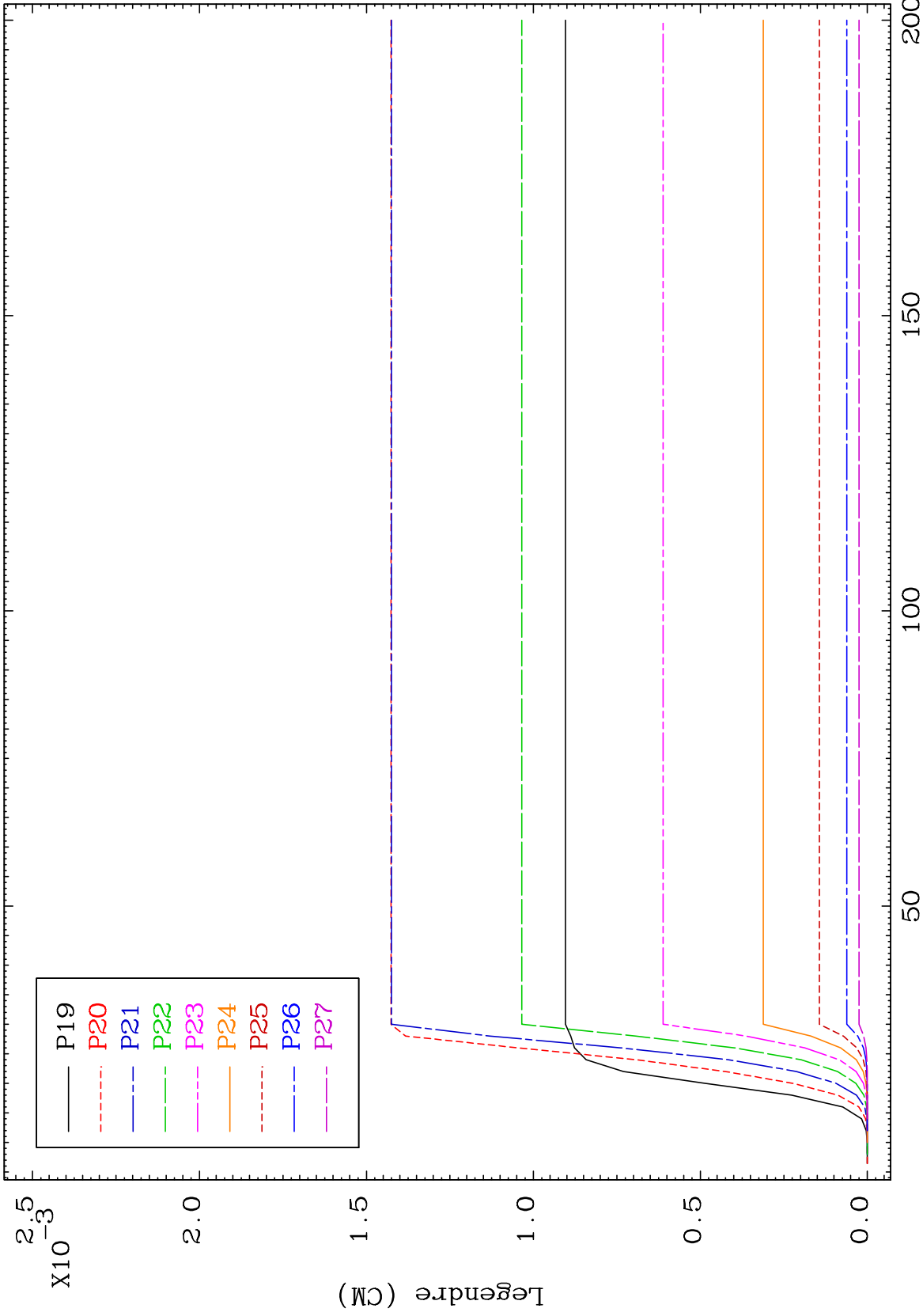
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



30

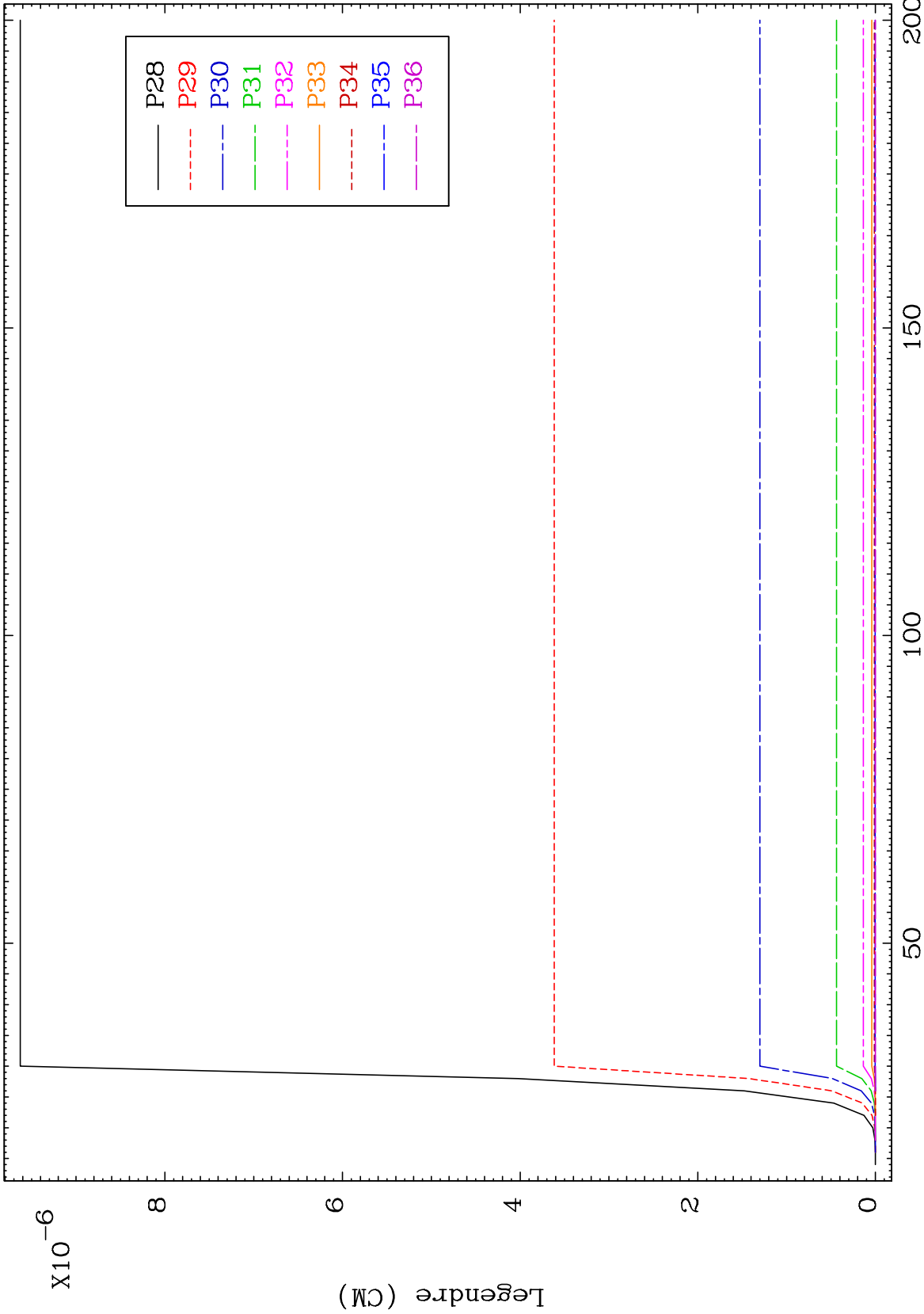
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



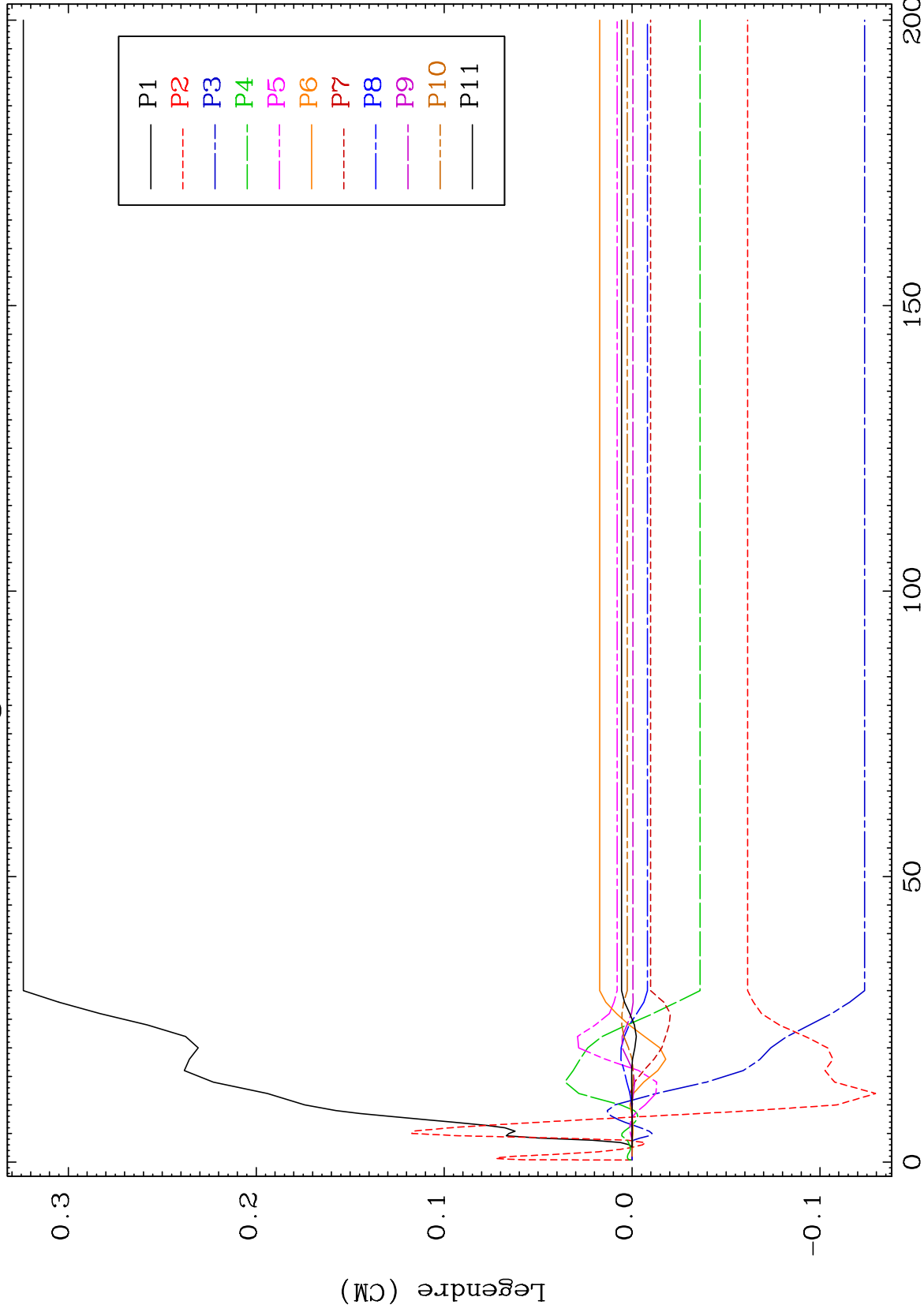
31

63-Eu-166

MAT 6370

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

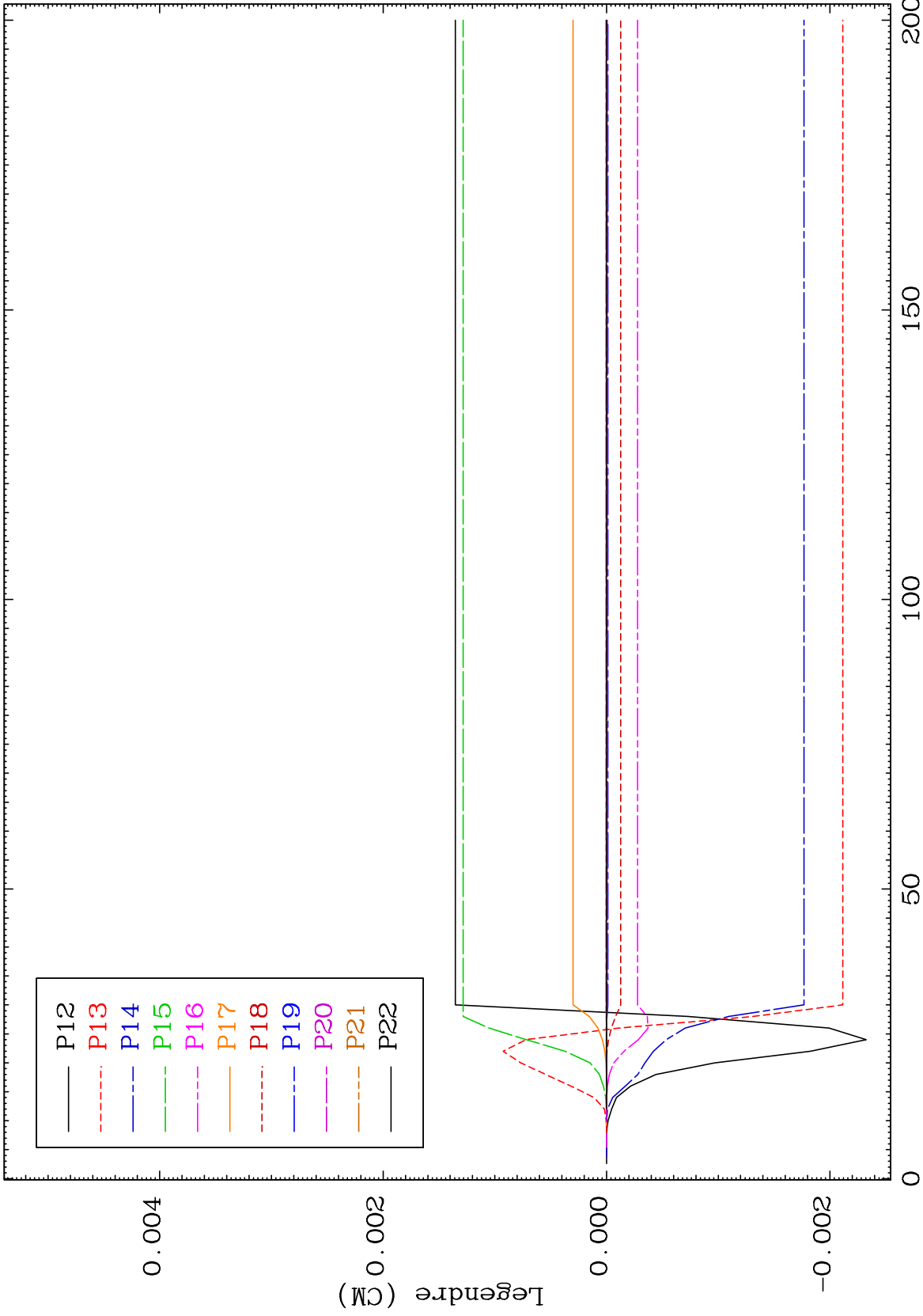
63-Eu-166



32

Incident Energy (MeV)

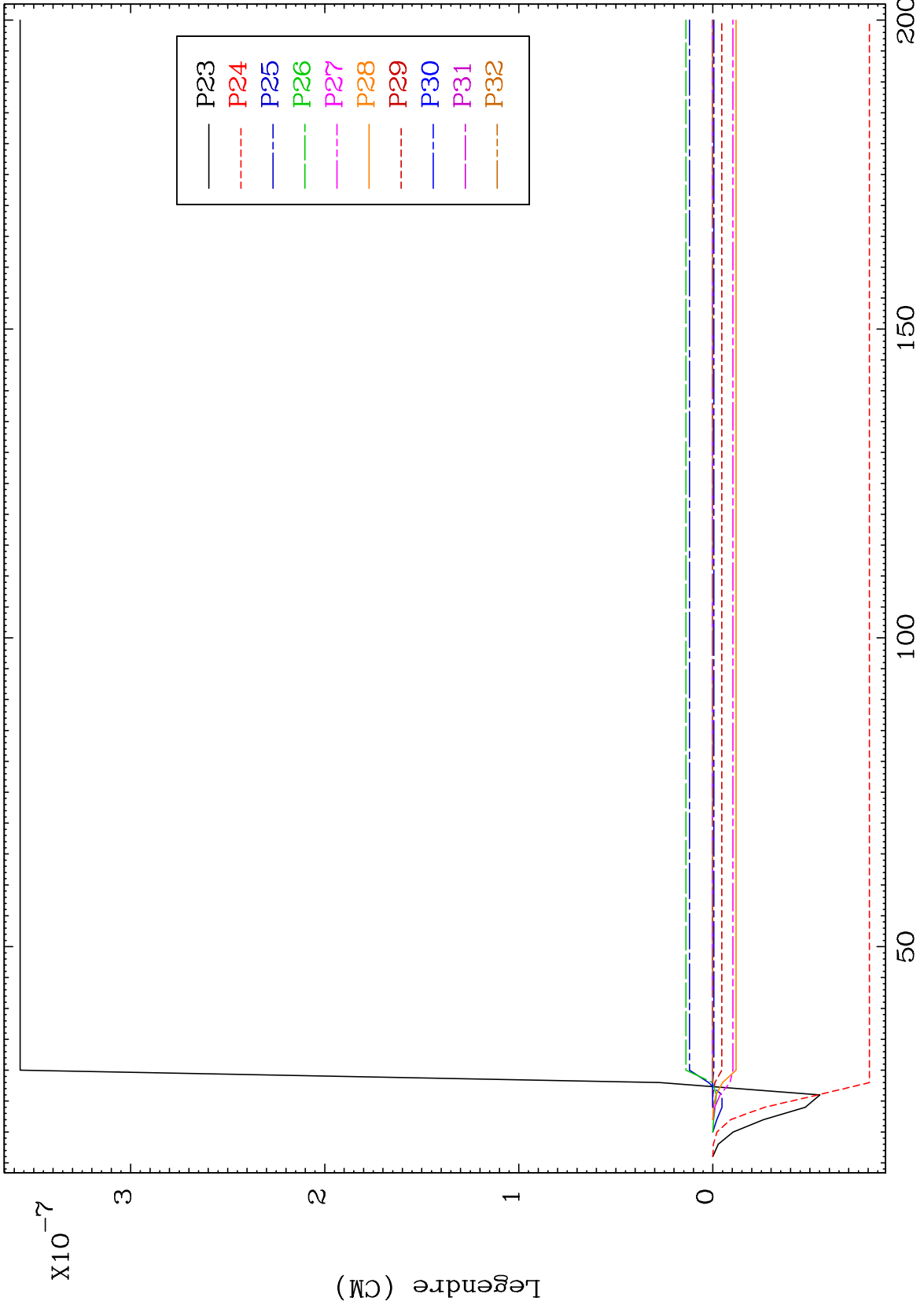
63-Eu-166



MAT 6370

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

63-Eu-166



34

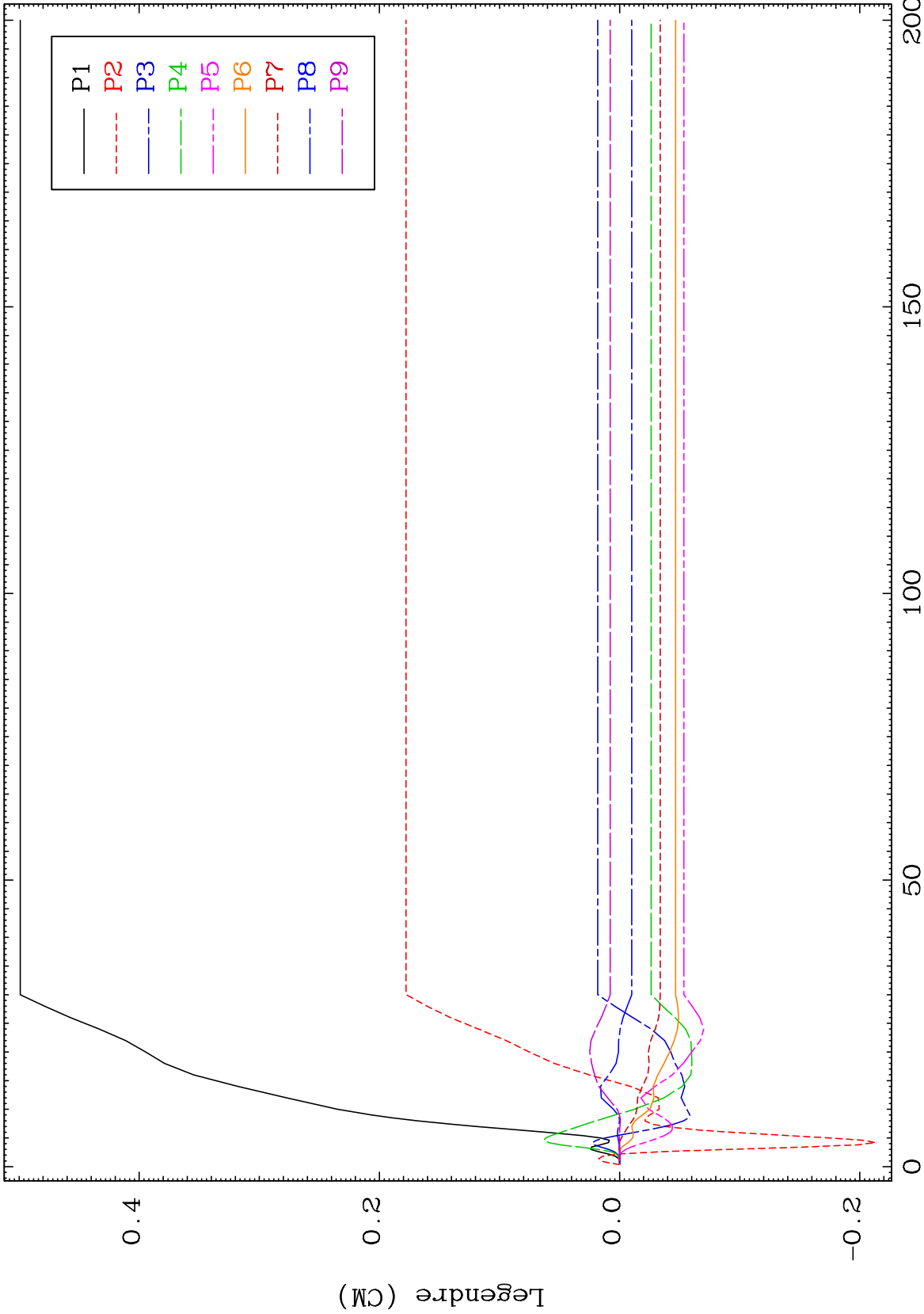
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



35

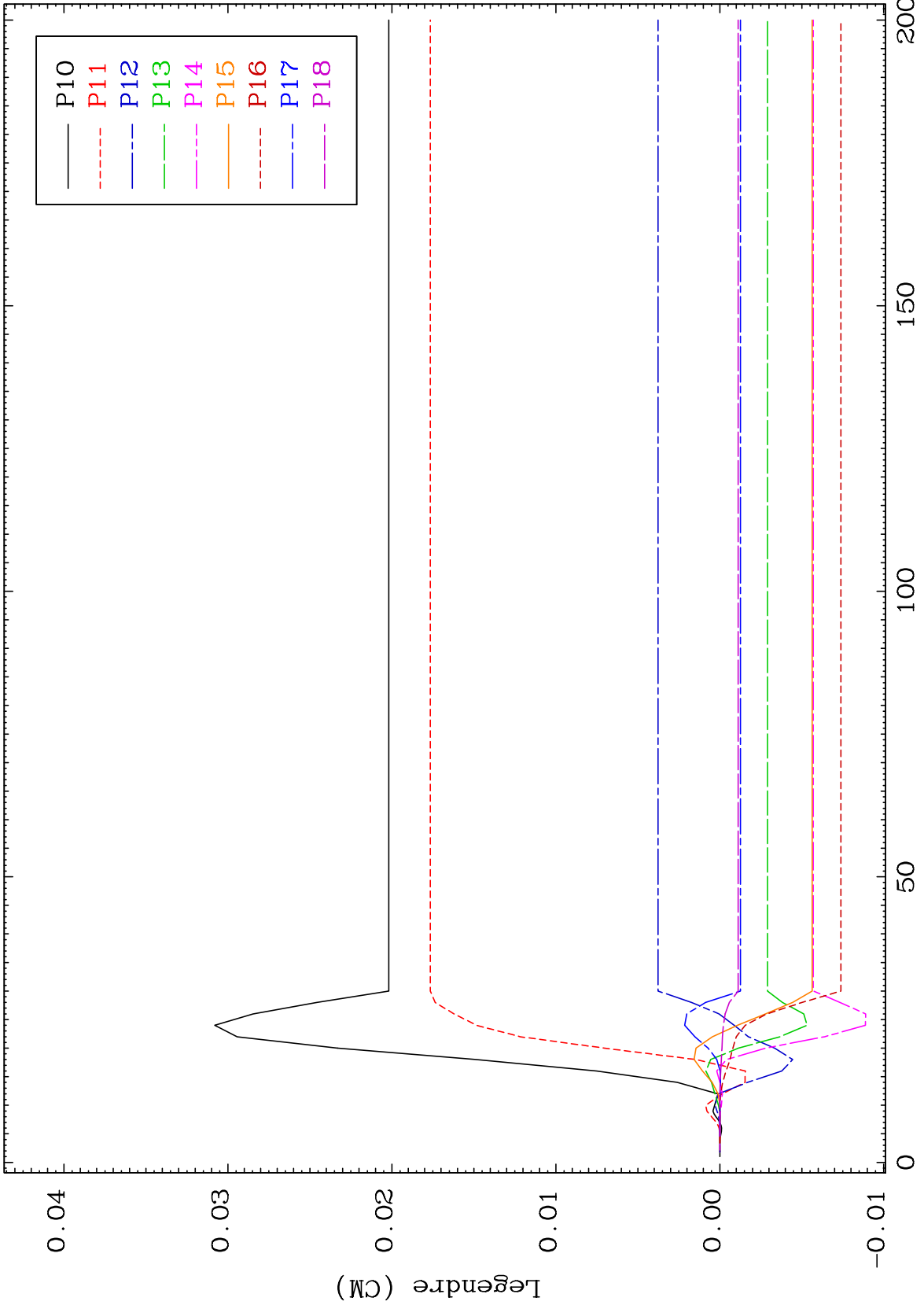
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



36

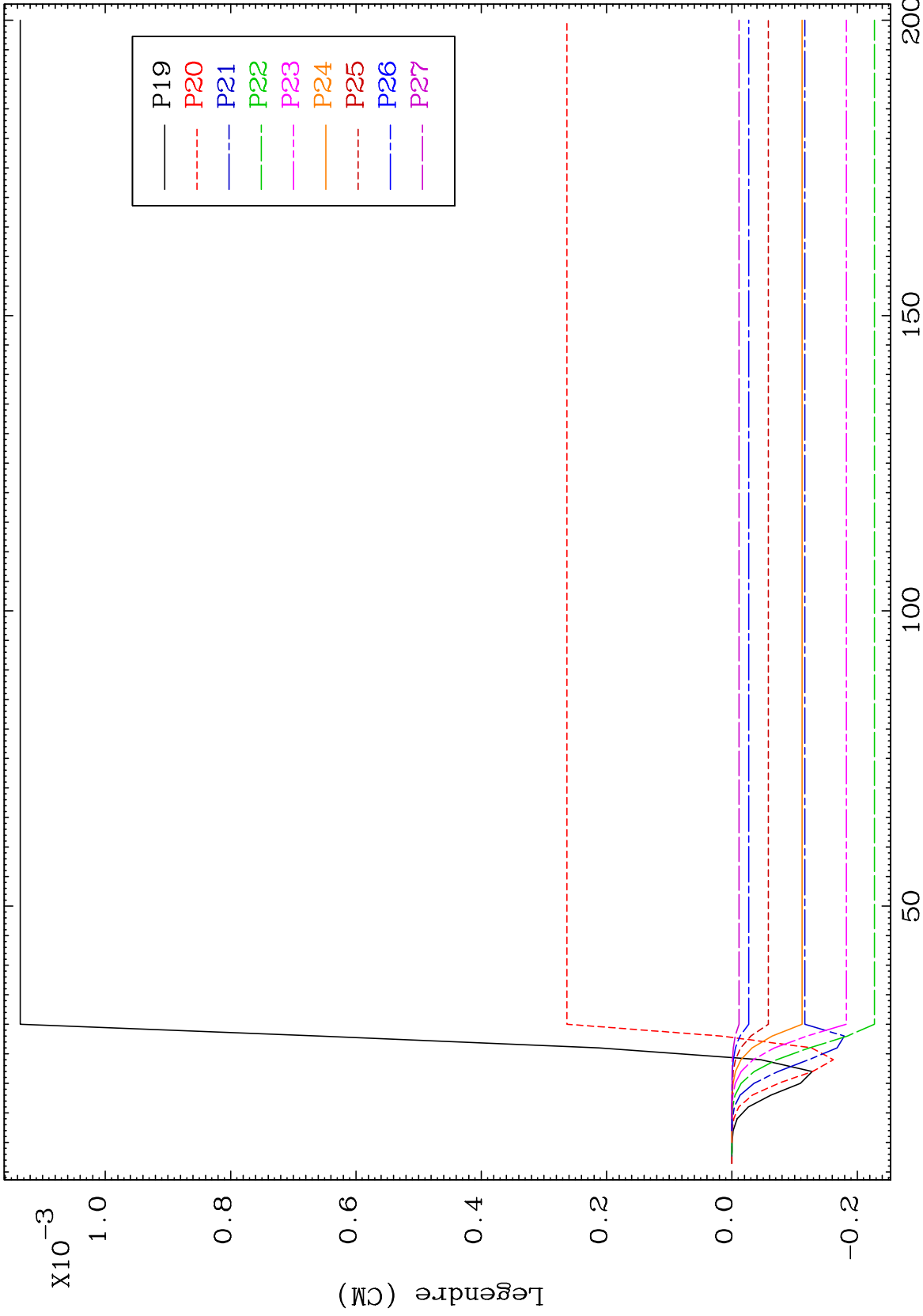
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

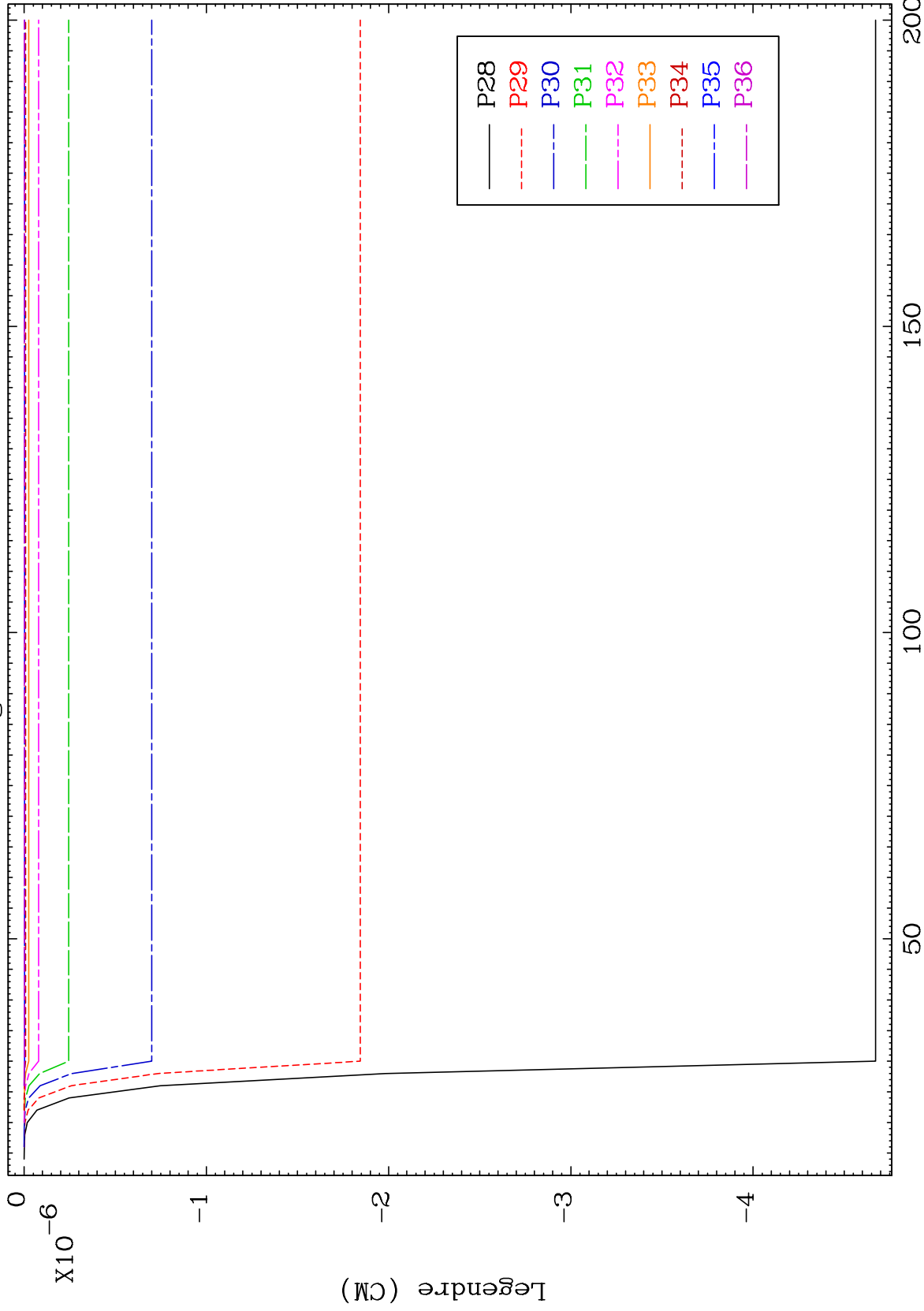
63-Eu-166



37

Incident Energy (MeV)

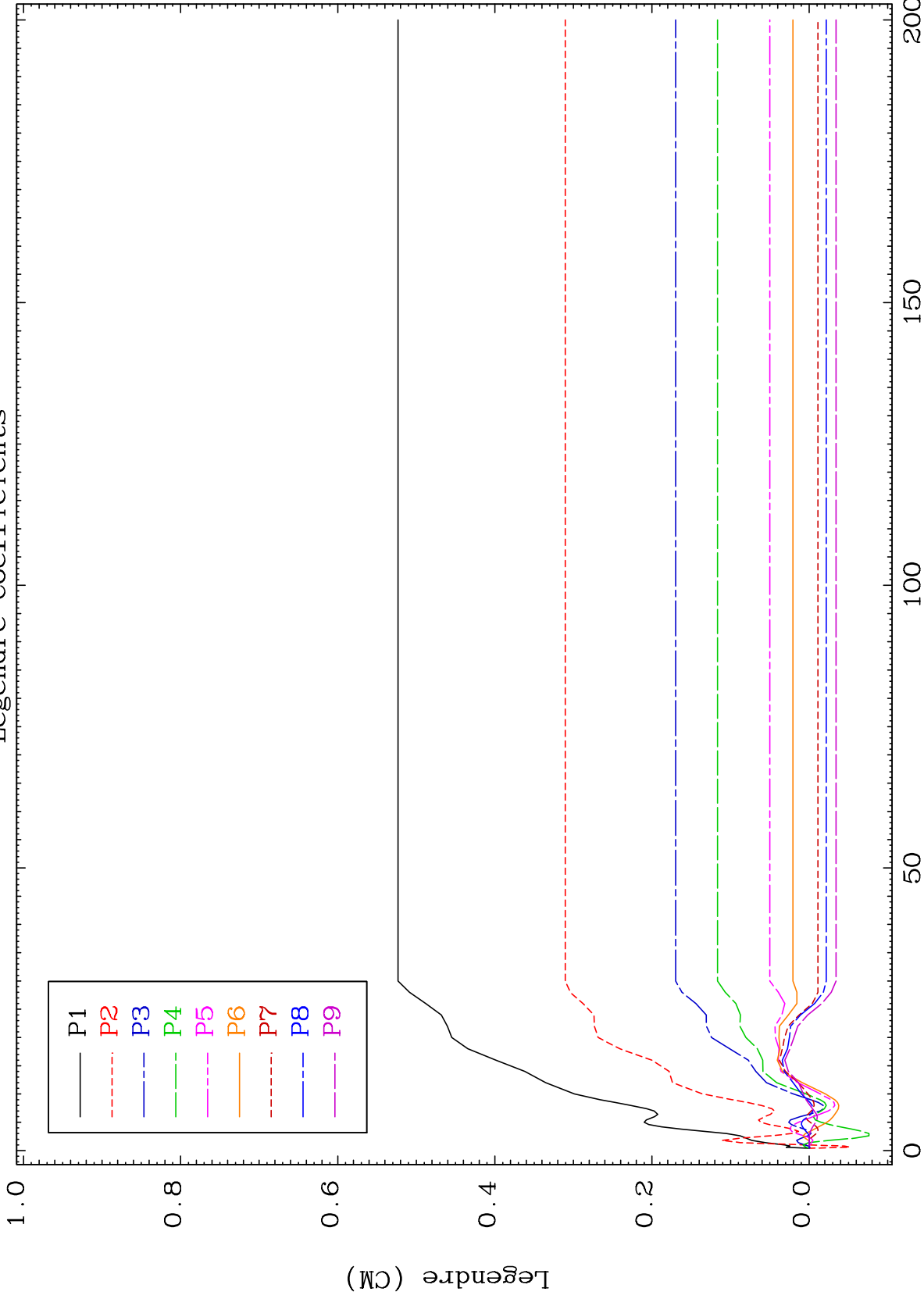
63-Eu-166



MAT 6370

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

63-Eu-166



39

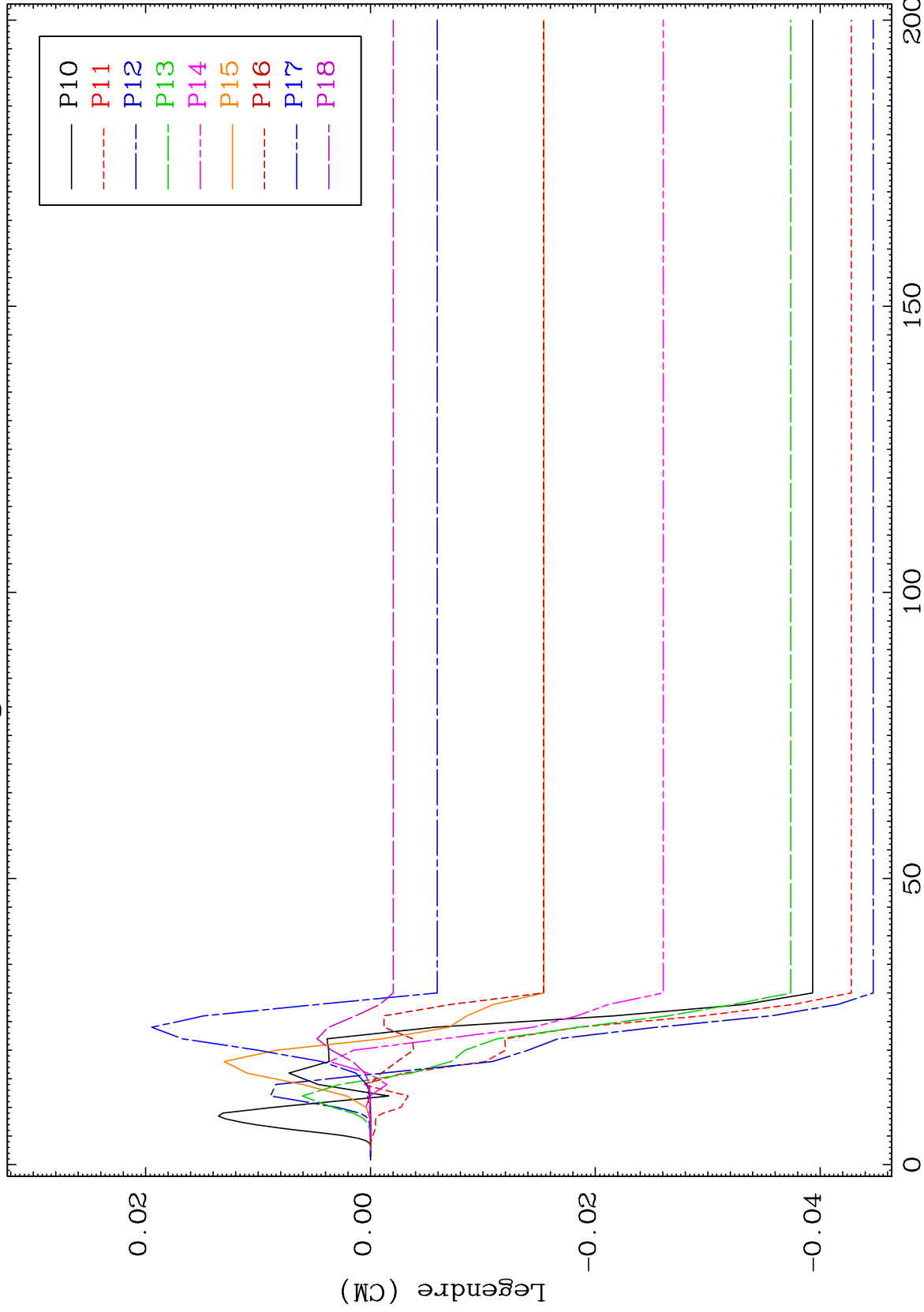
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



40

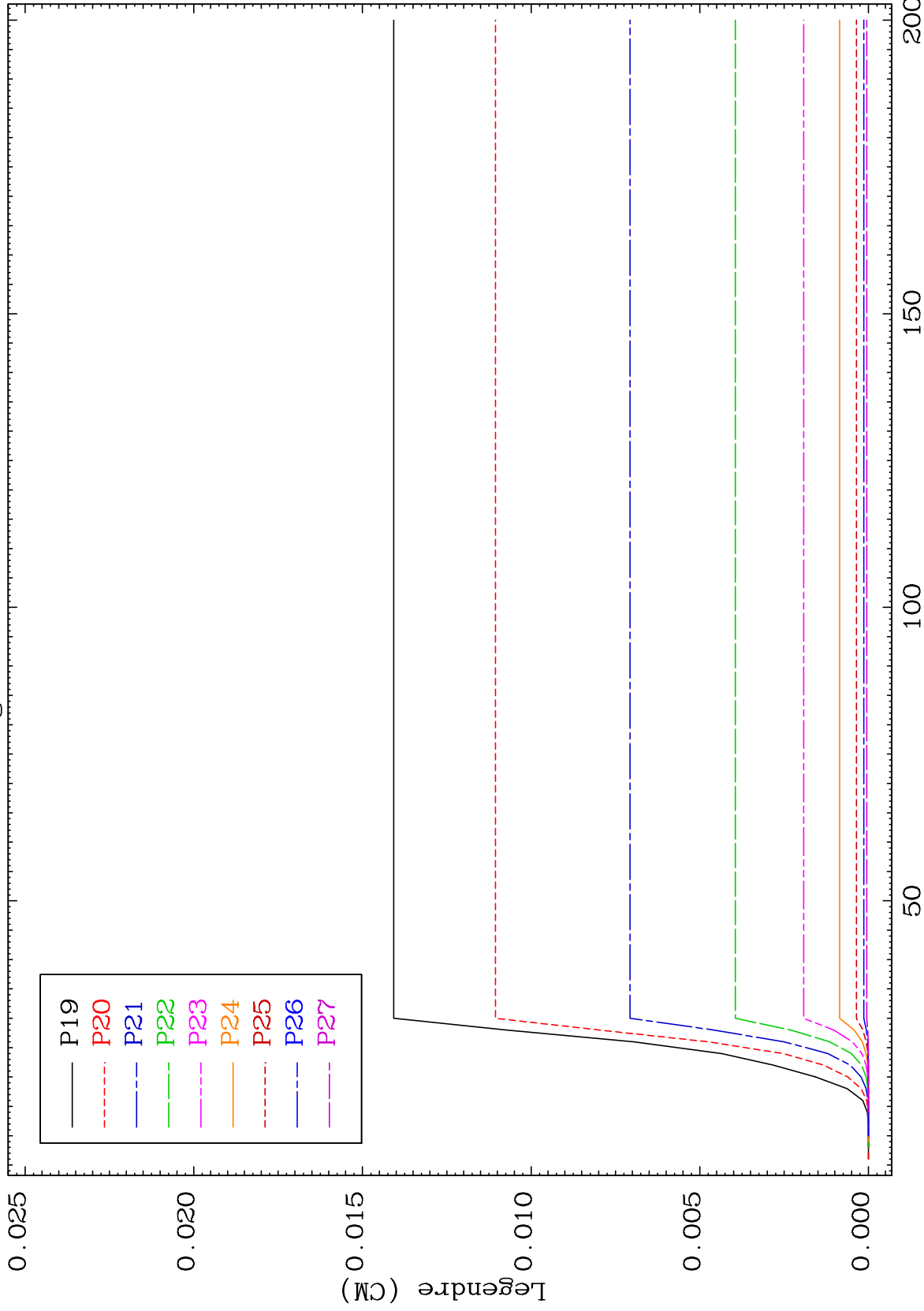
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

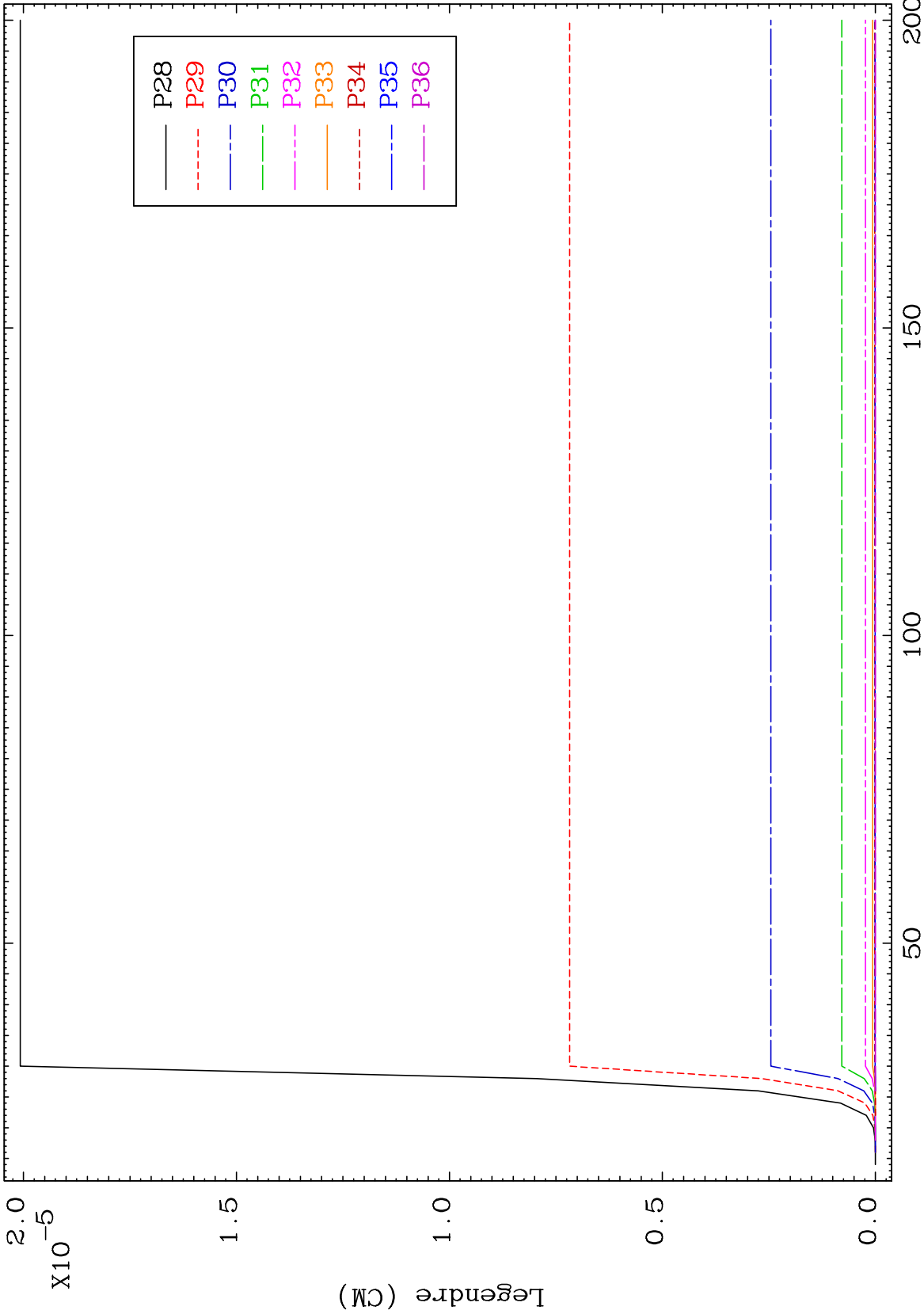
63-Eu-166



MAT 6370

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

63-Eu-166

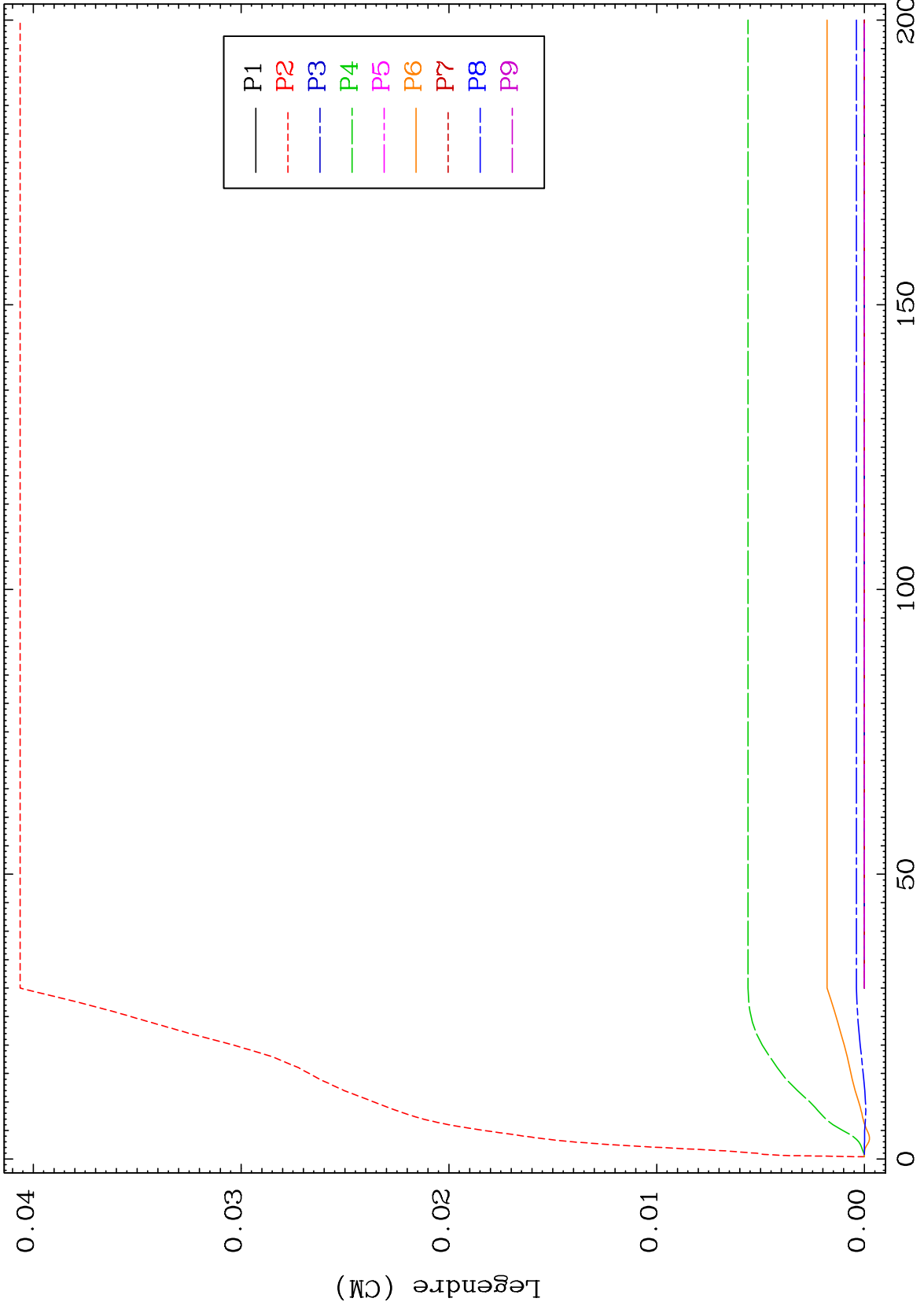


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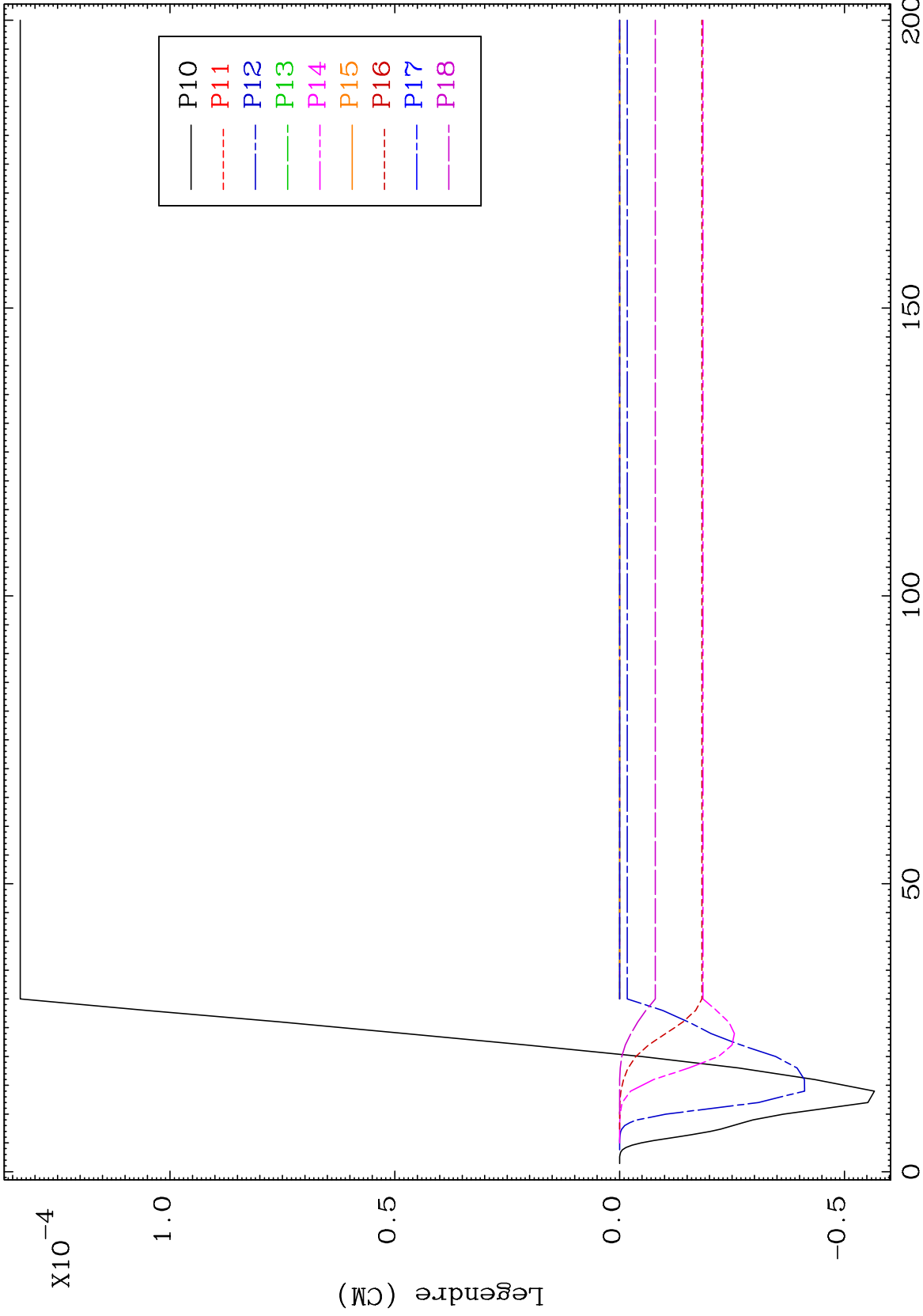
Incident Energy (MeV)

63-Eu-166

MAT 6370 MT= 57 (n,n') Level Legendre Coefficients 63-Eu-166



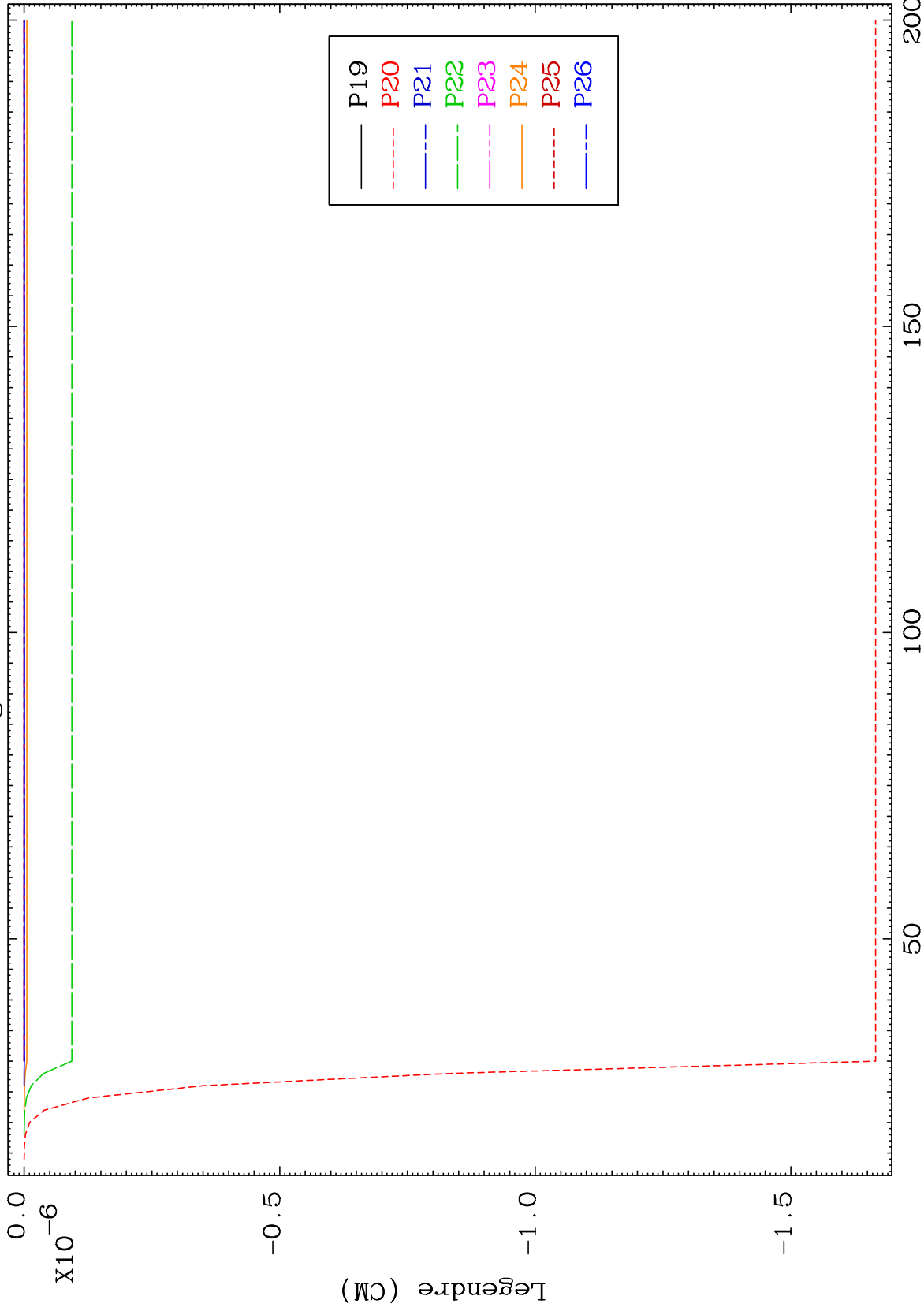
43 63-Eu-166



MAT 6370

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

63-Eu-166



45

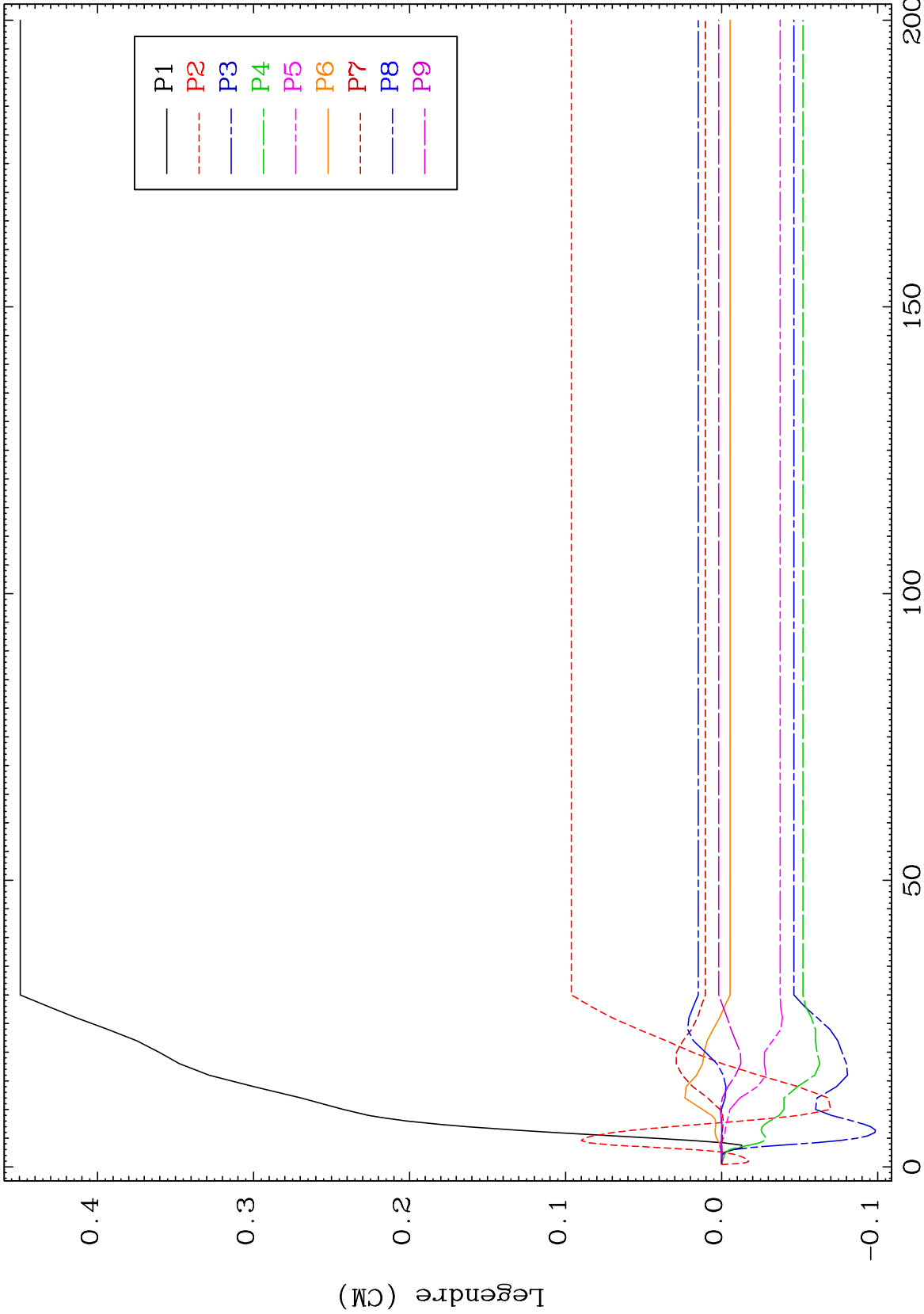
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



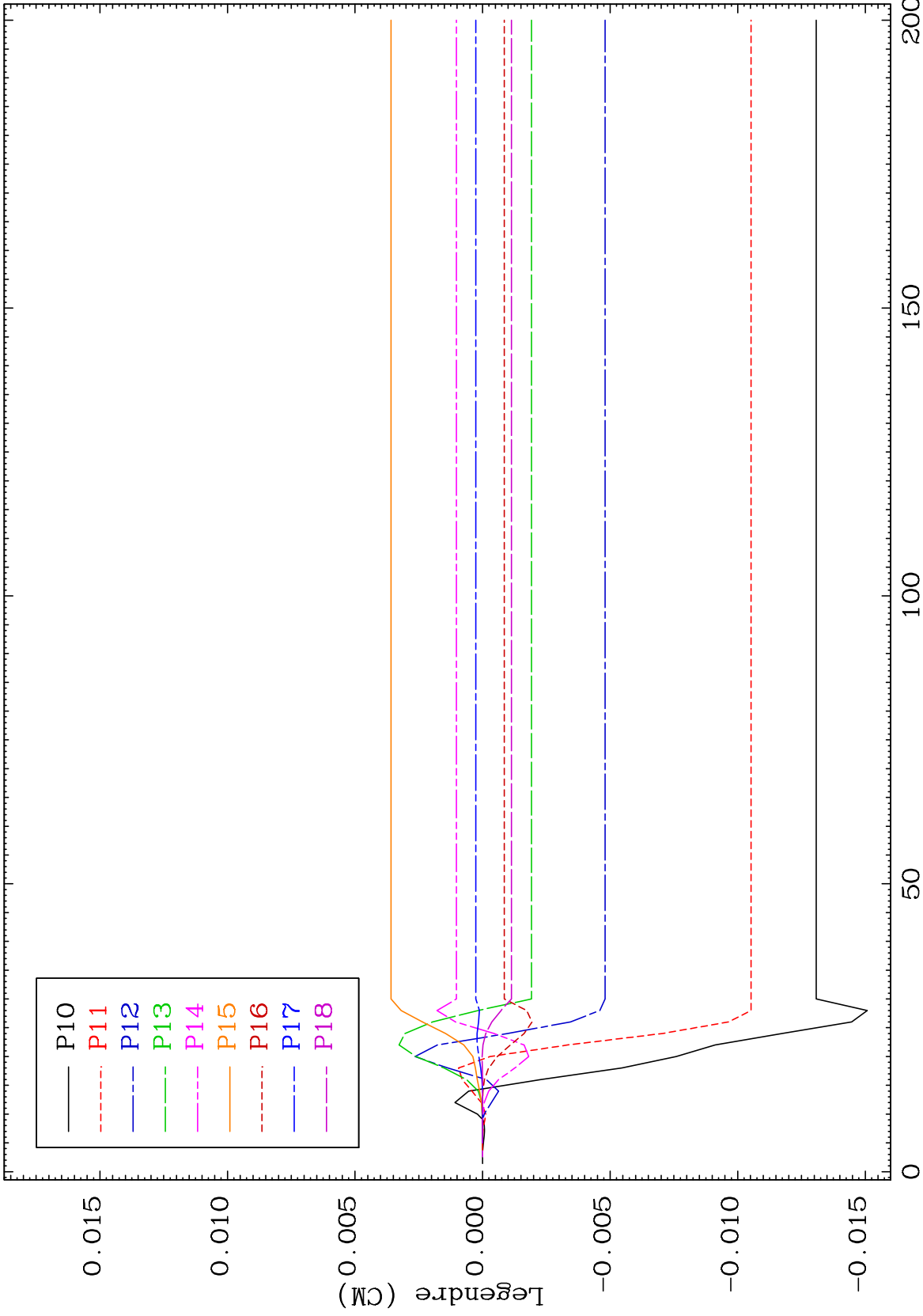
46

63-Eu-166

MAT 6370

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

63-Eu-166



47

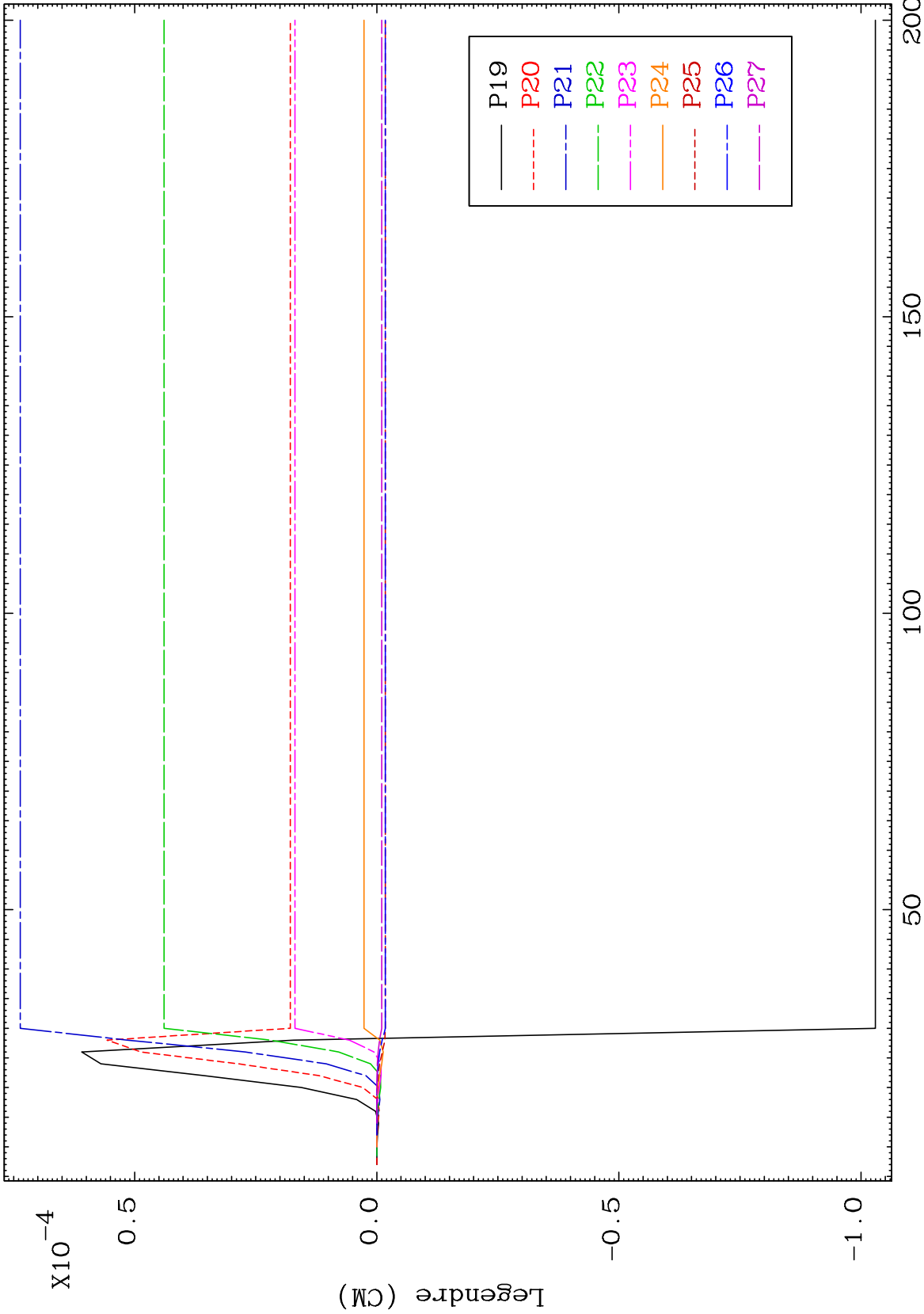
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



48

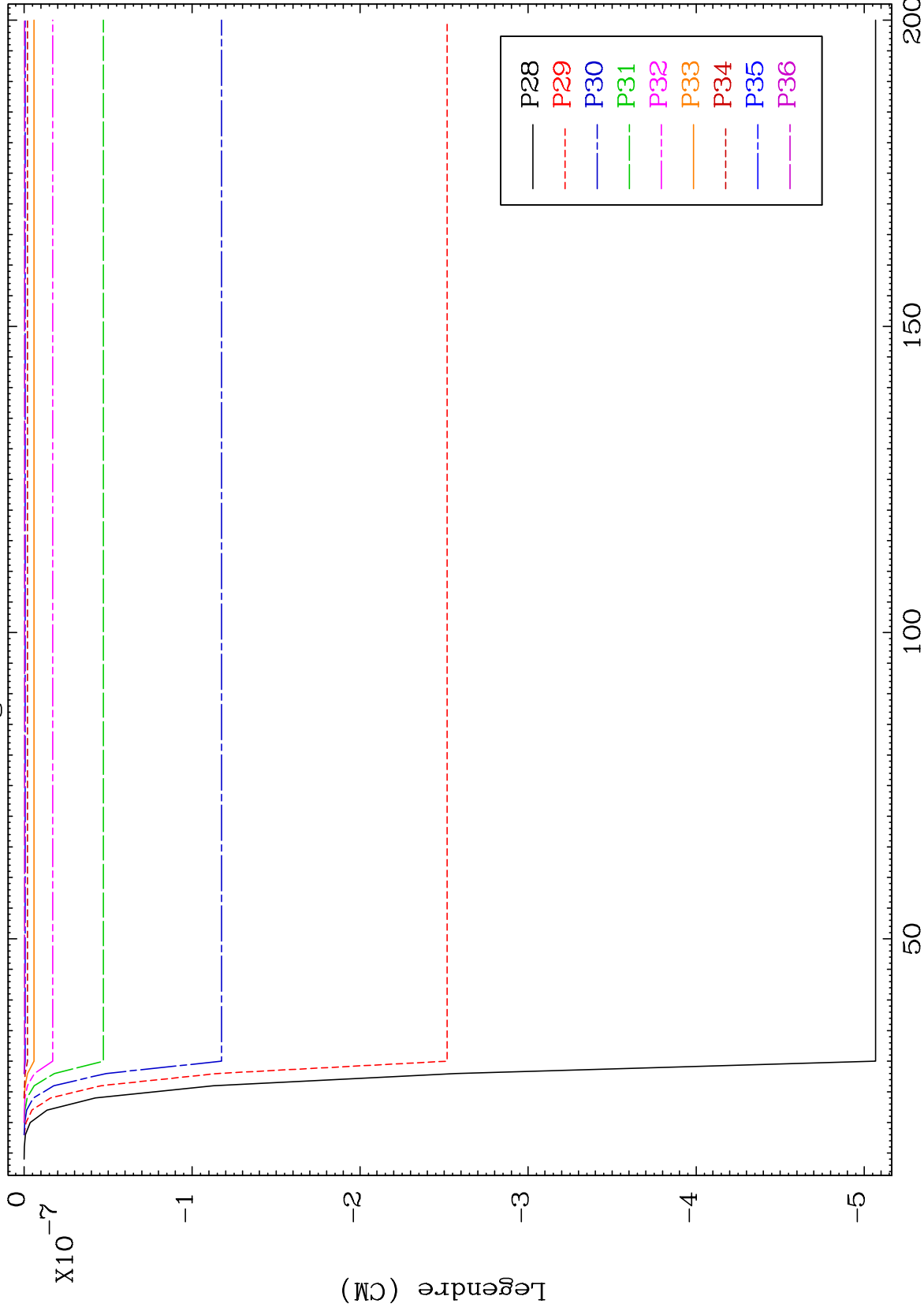
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166

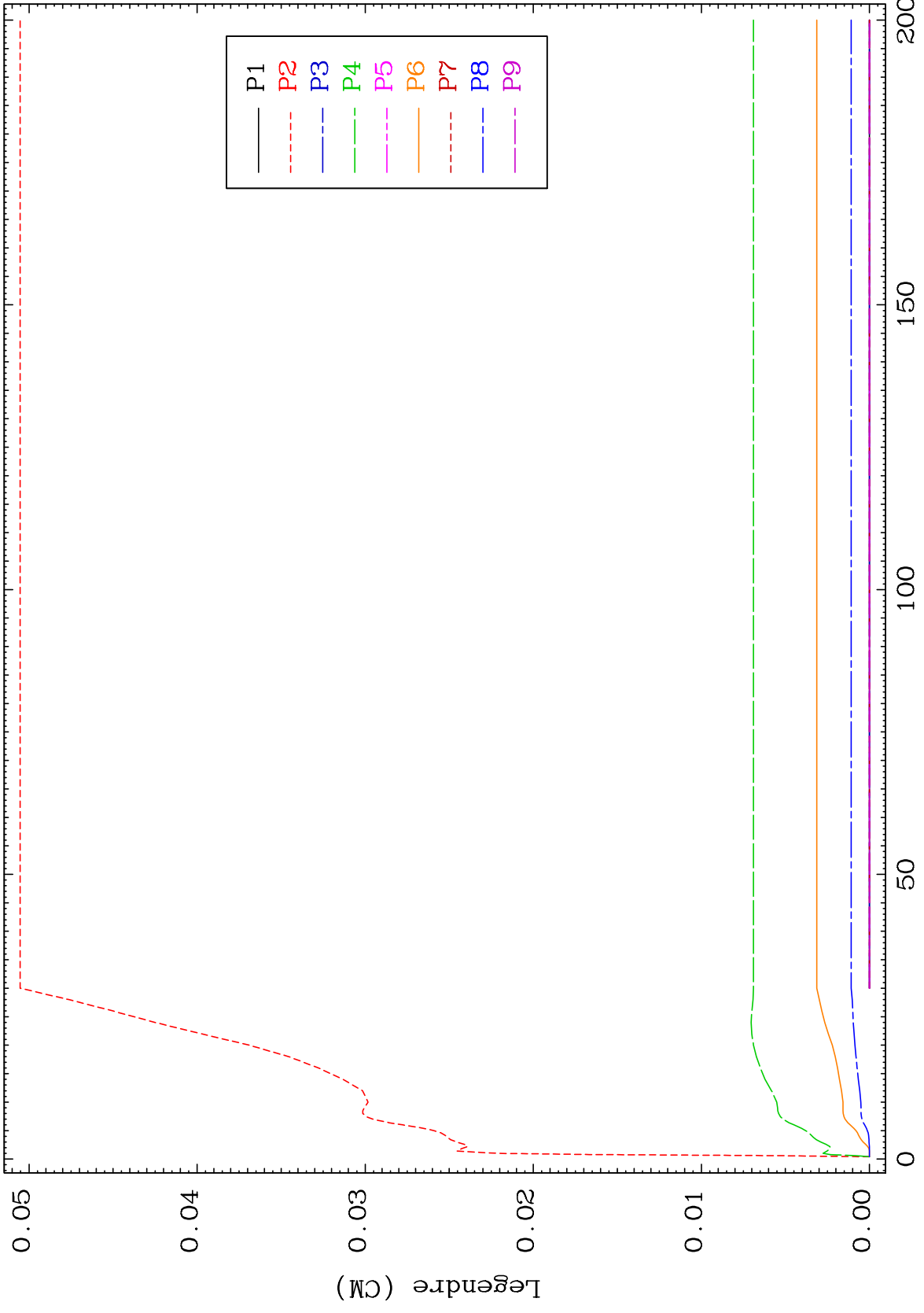


49

Incident Energy (MeV)

63-Eu-166

MAT 6370 MT= 59 (n,n') Level Legendre Coefficients 63-Eu-166

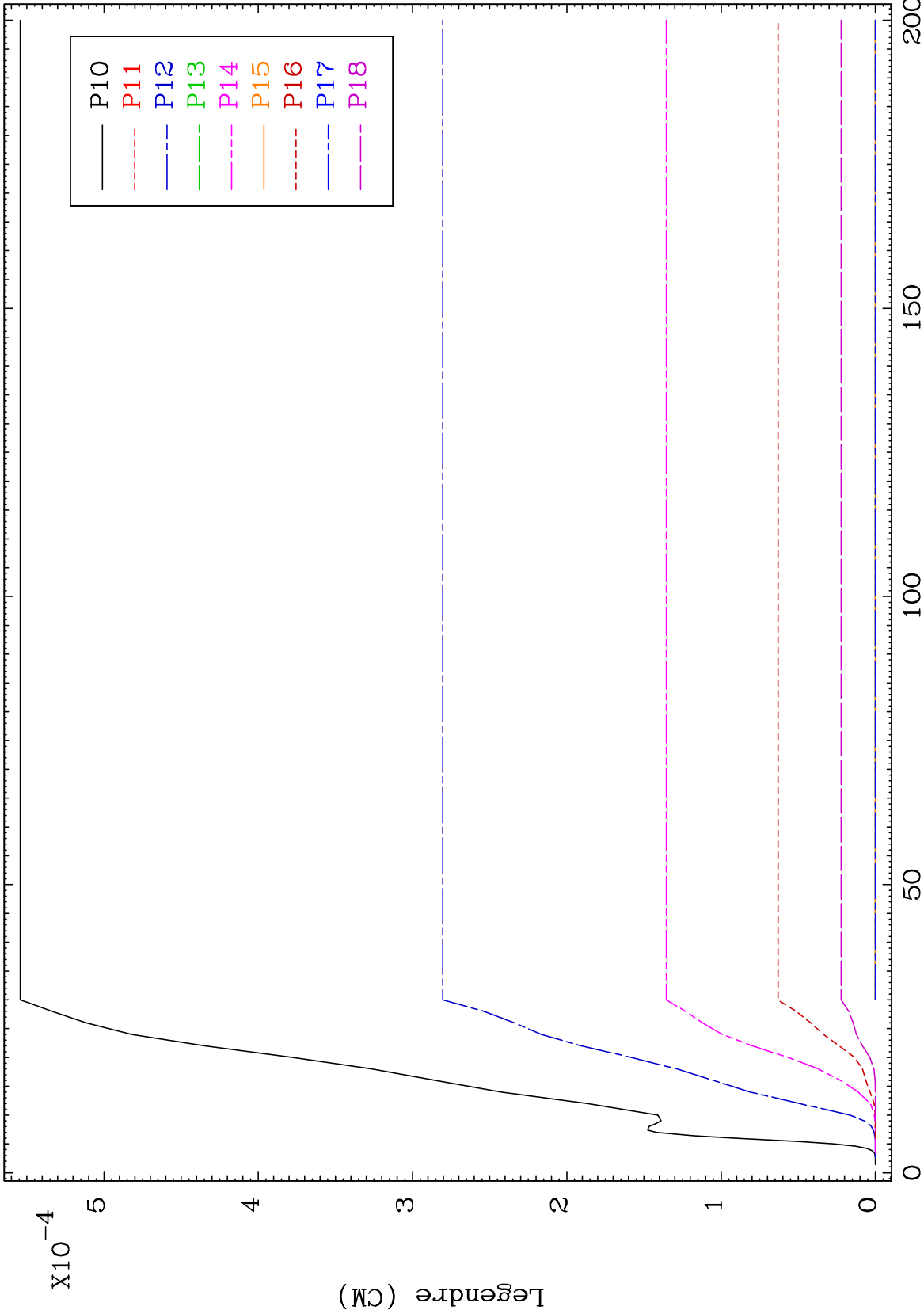


63-Eu-166

MAT 6370

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

63-Eu-166



51

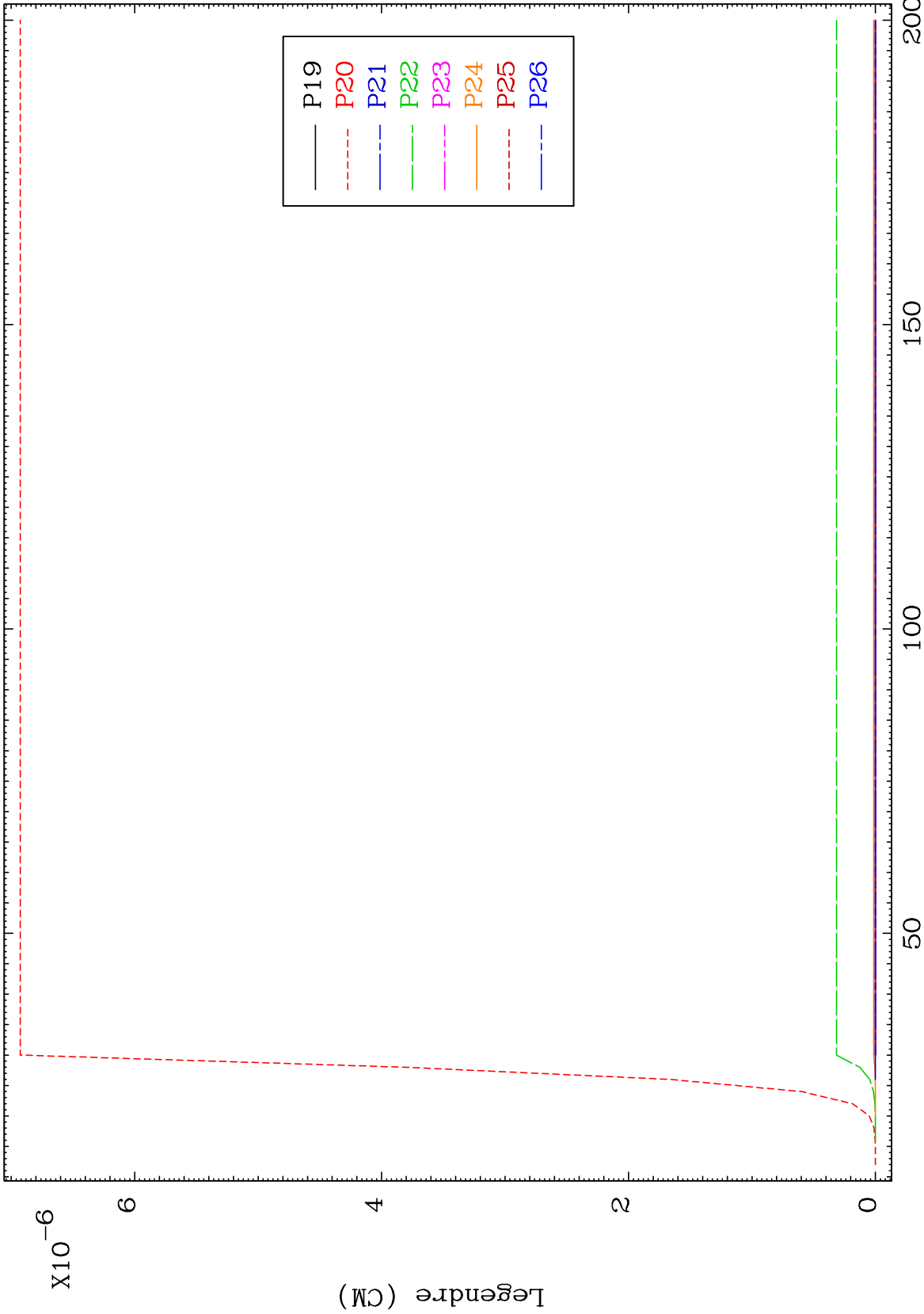
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166

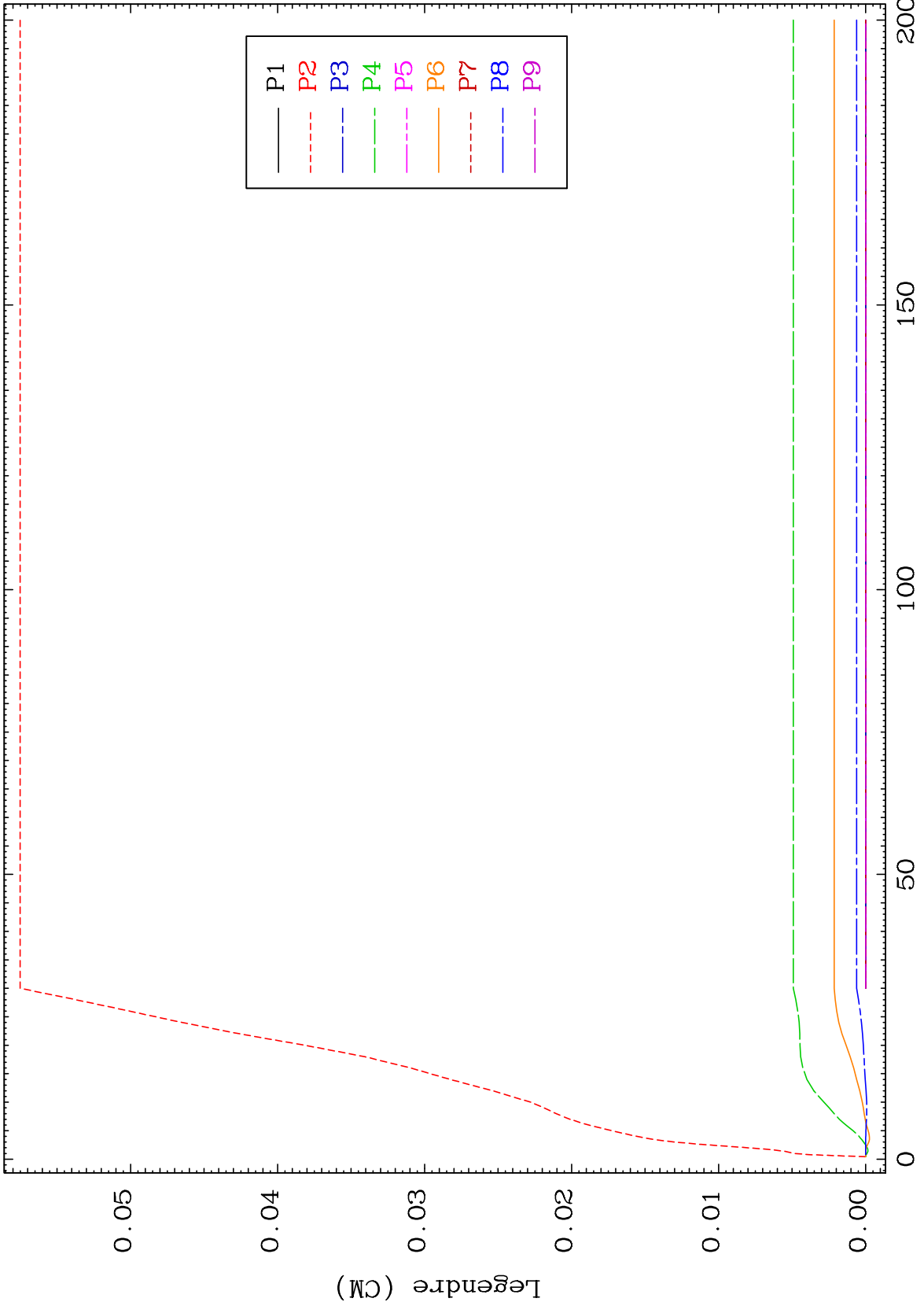


52

Incident Energy (MeV)

63-Eu-166

MAT 6370 MT= 60 (n,n') Level Legendre Coefficients 63-Eu-166

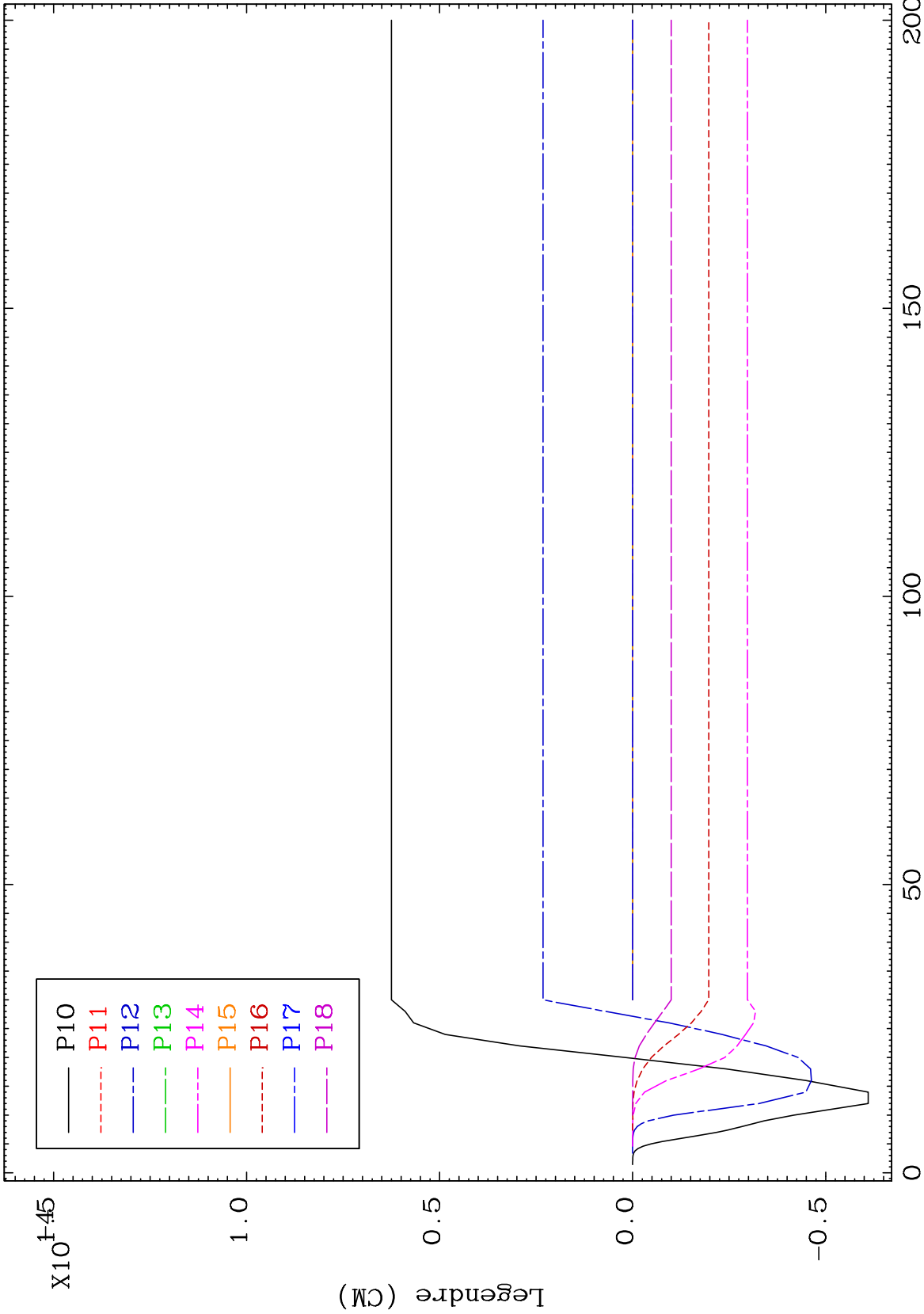


53 Incident Energy (MeV) 63-Eu-166

MAT 6370

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

63-Eu-166



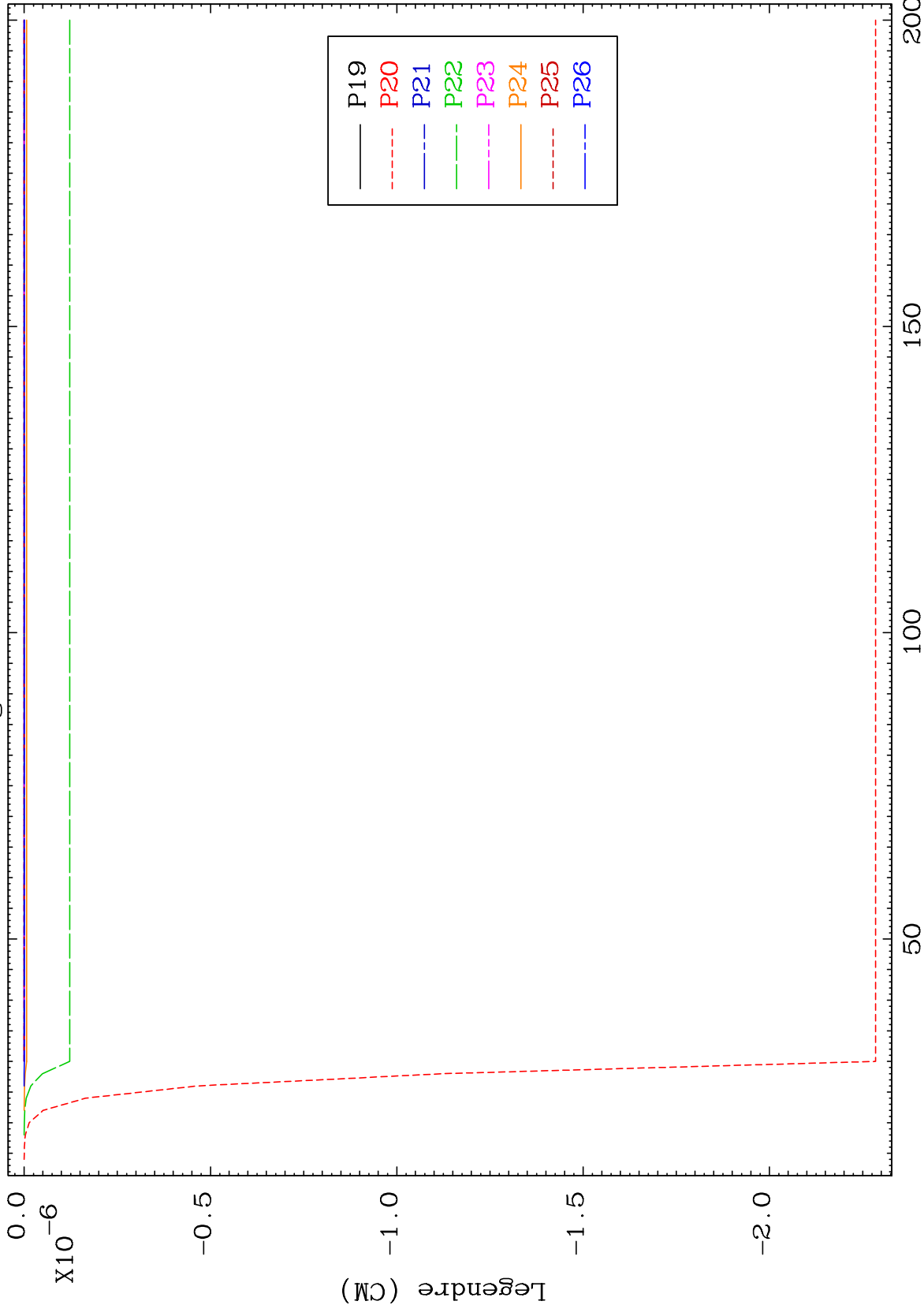
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63-Eu-166

MAT 6370

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

63-Eu-166



63-Eu-166

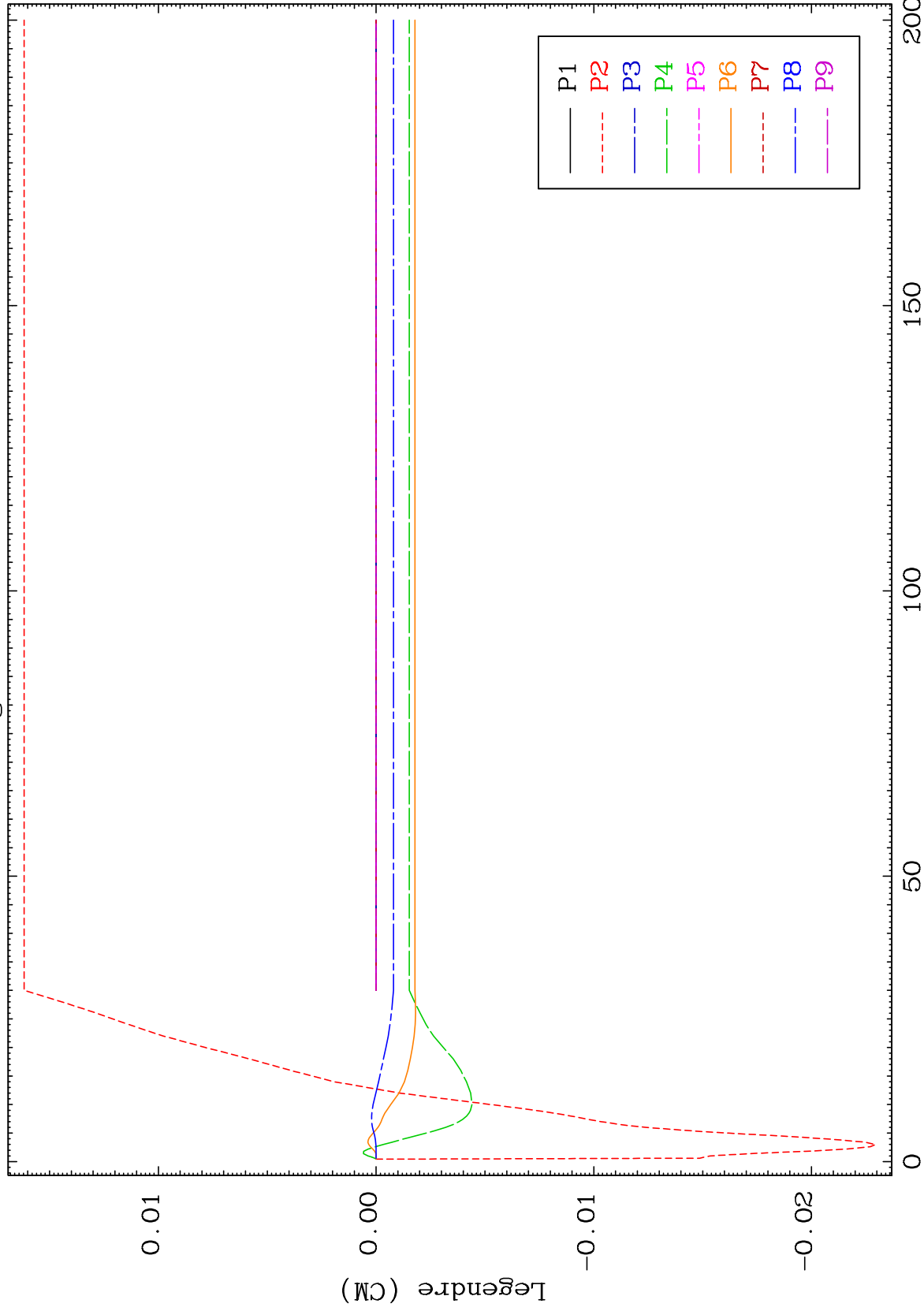
Incident Energy (MeV)

55

MAT 6370

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

63-Eu-166



56

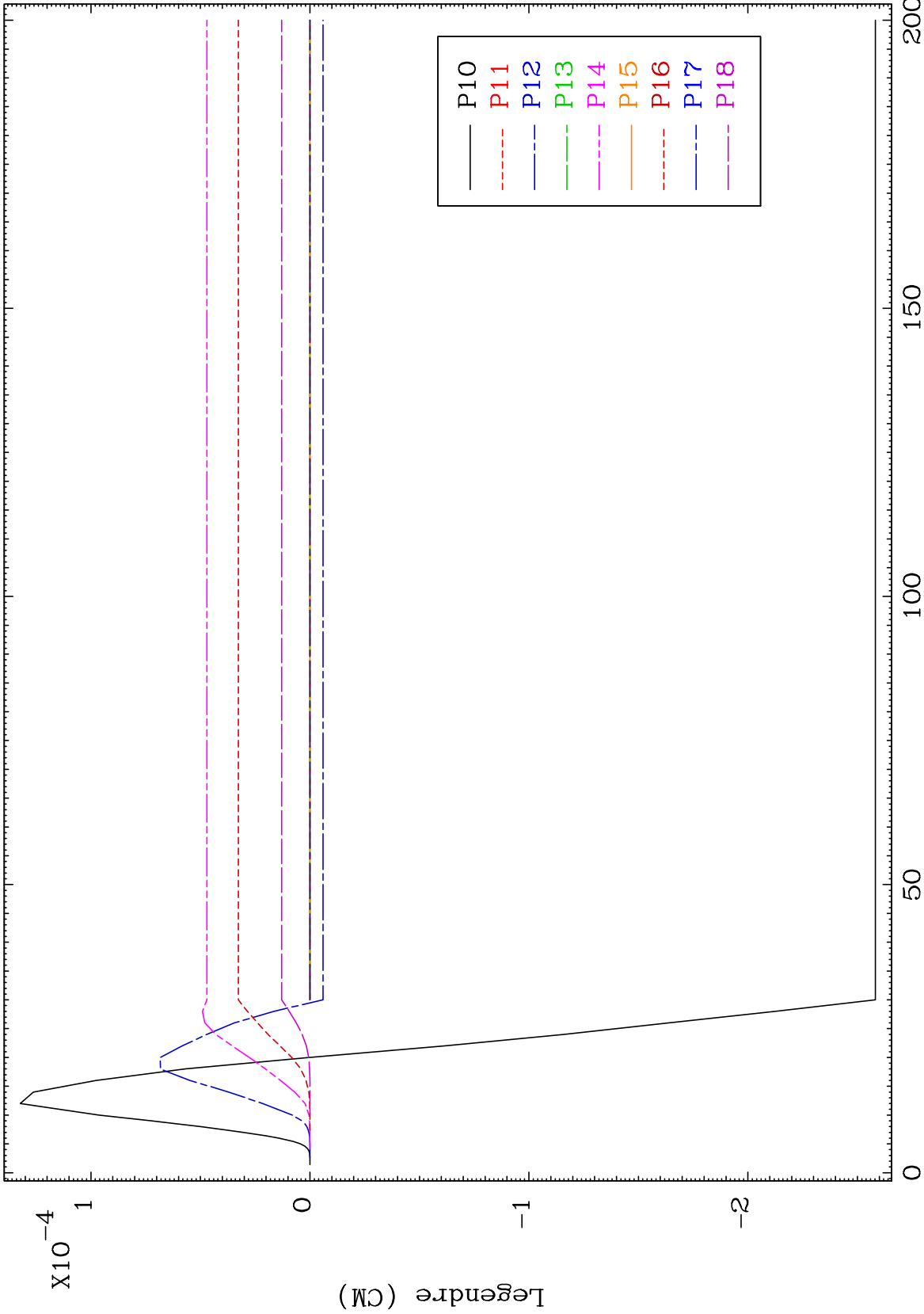
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



57

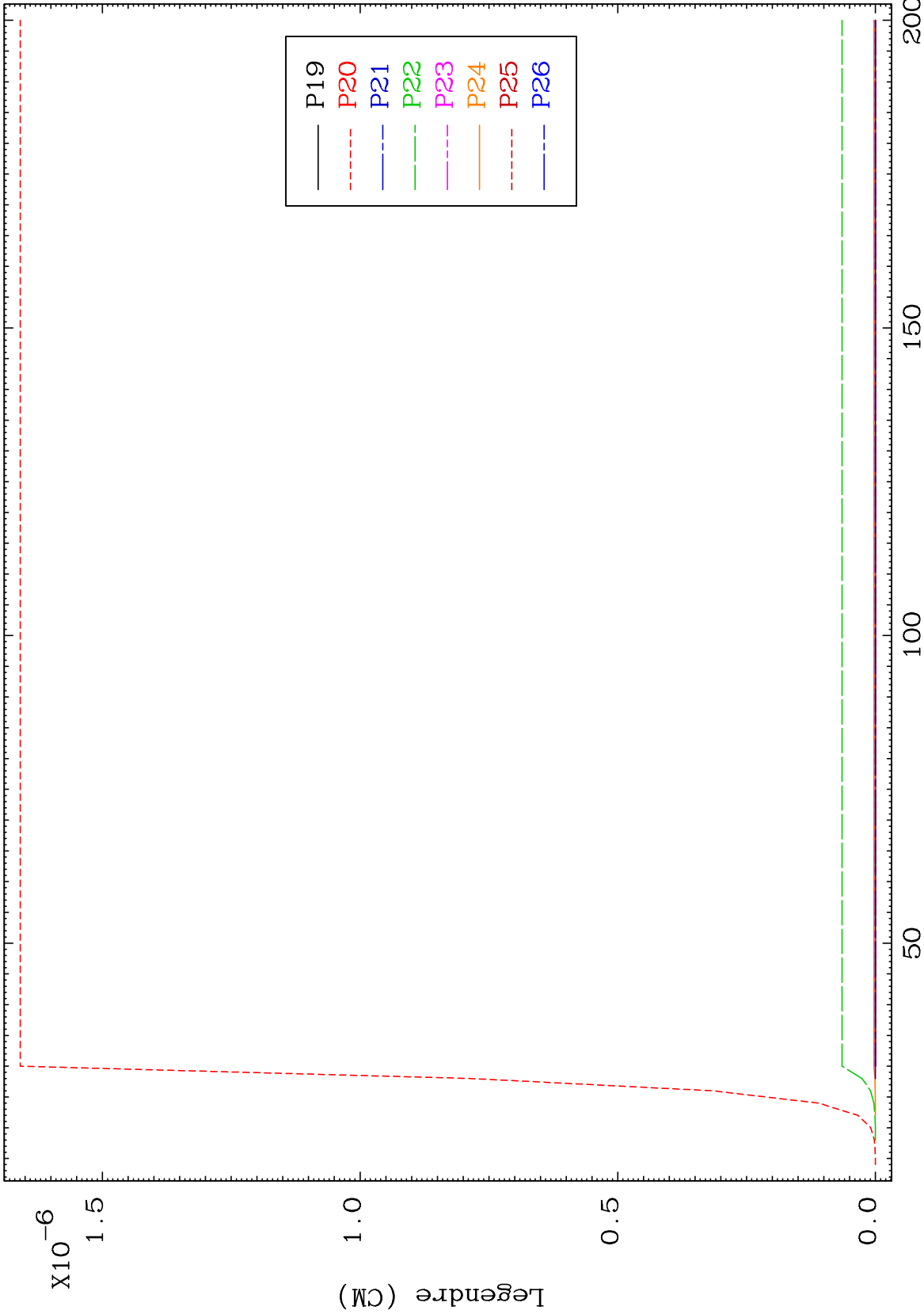
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



58

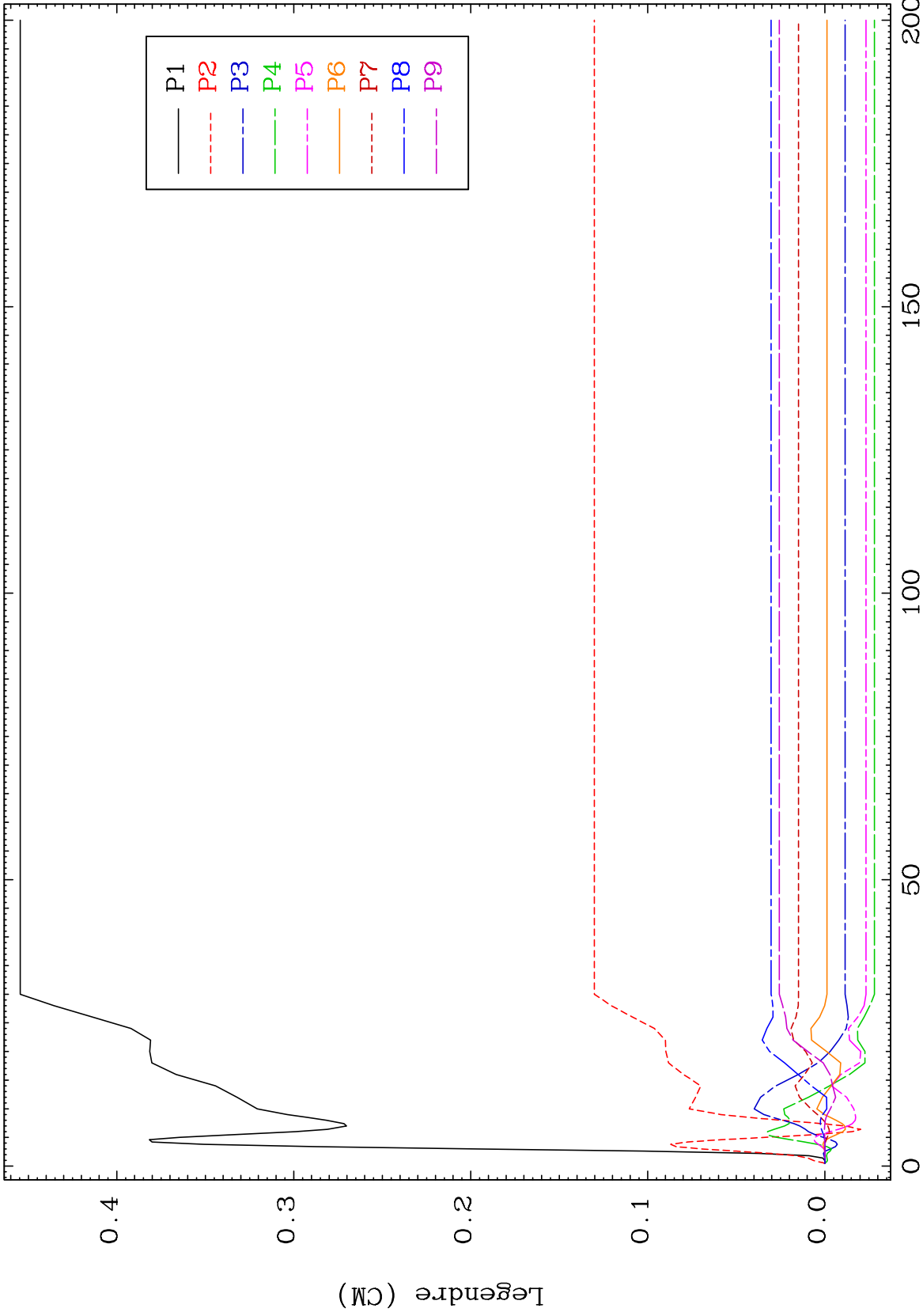
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



59

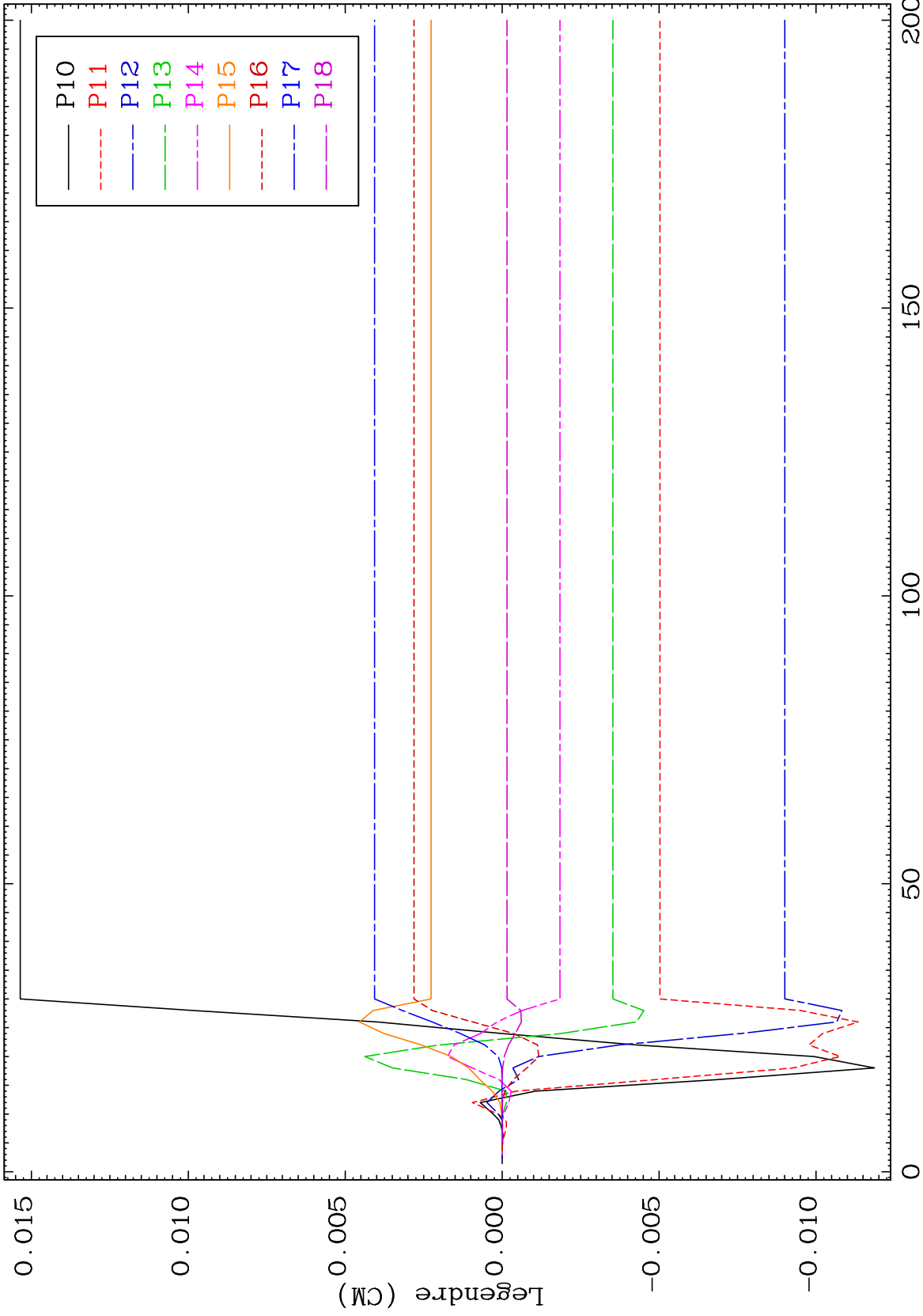
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

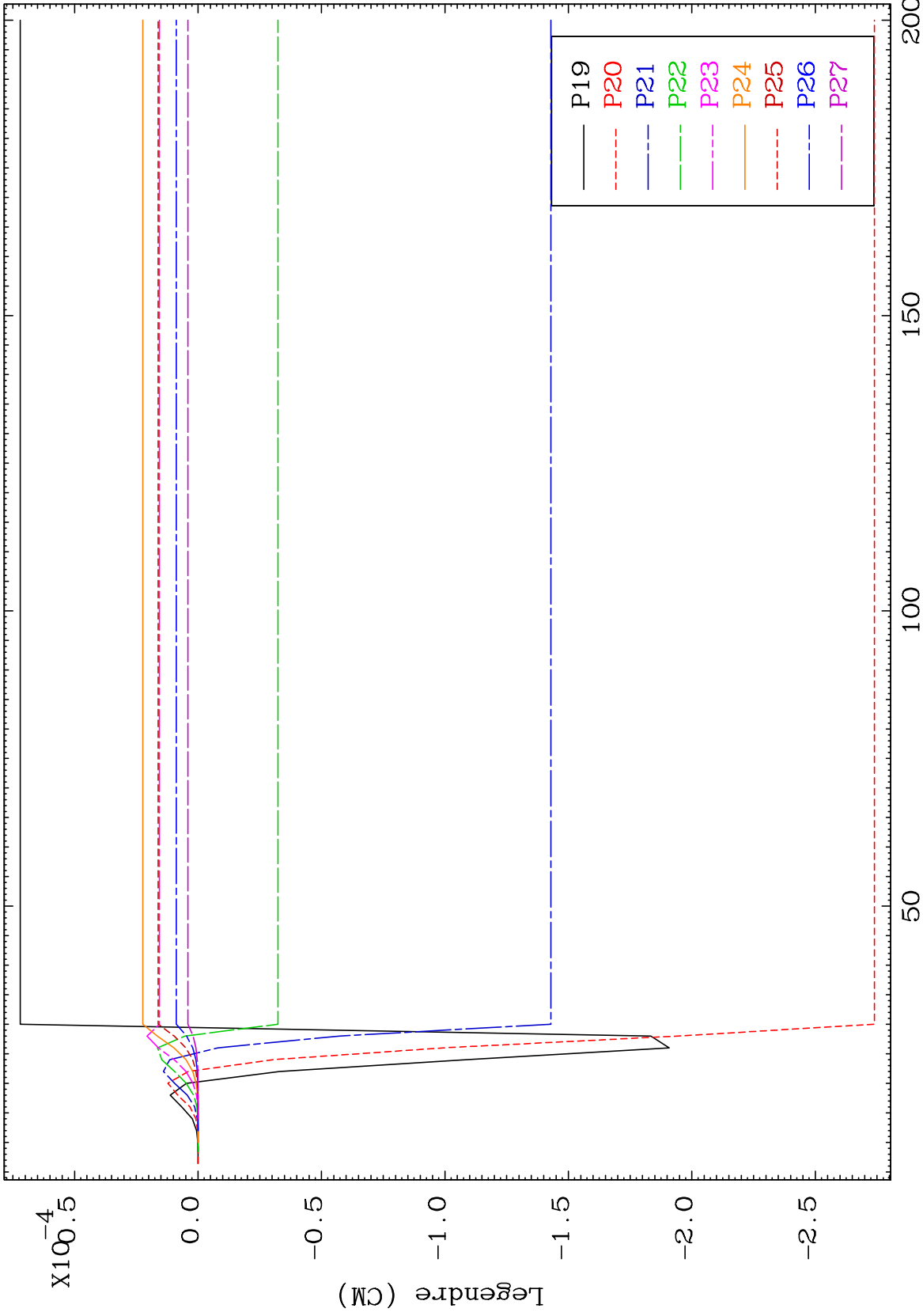
63-Eu-166



60

Incident Energy (MeV)

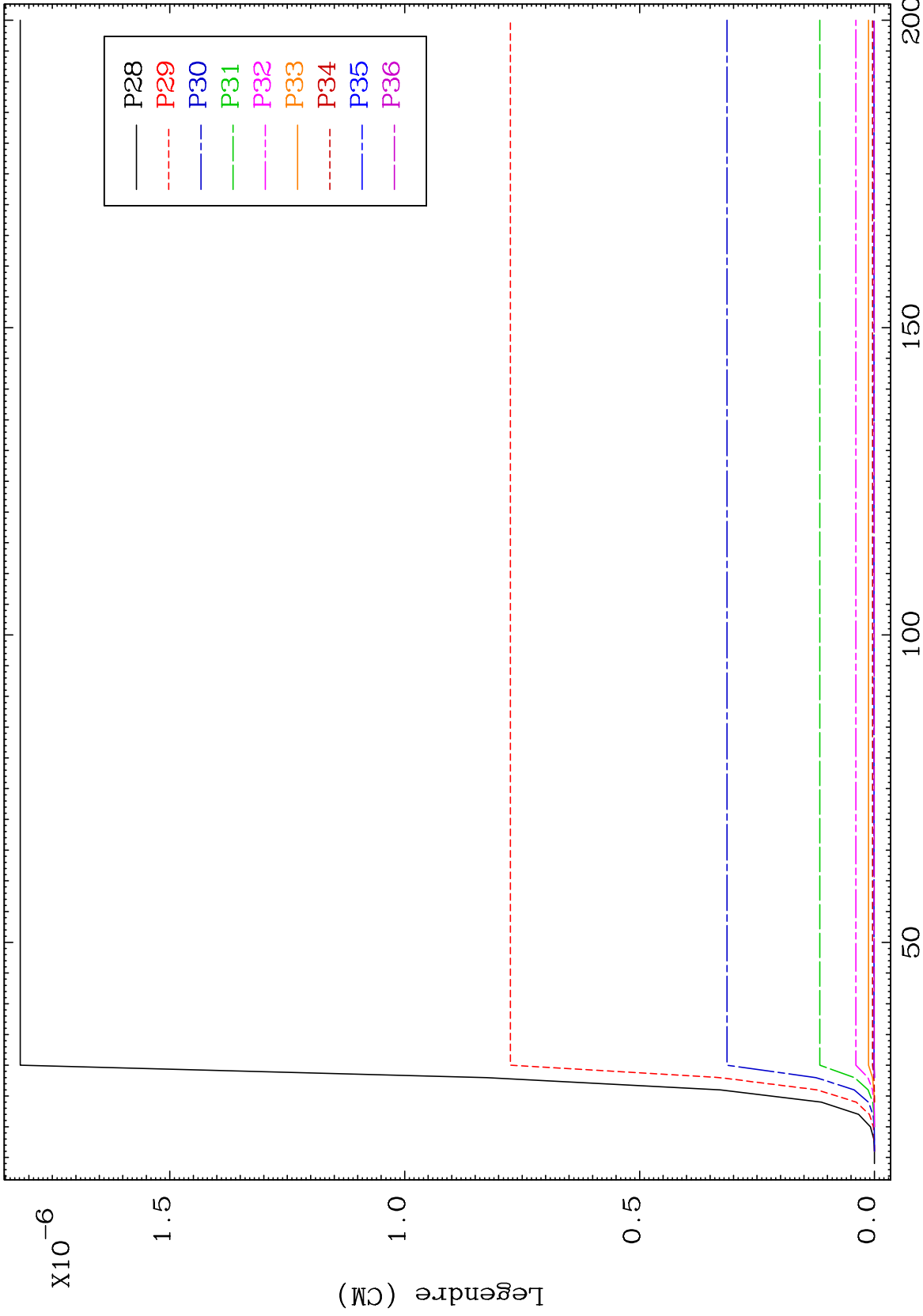
63-Eu-166



MAT 6370

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

63-Eu-166



62

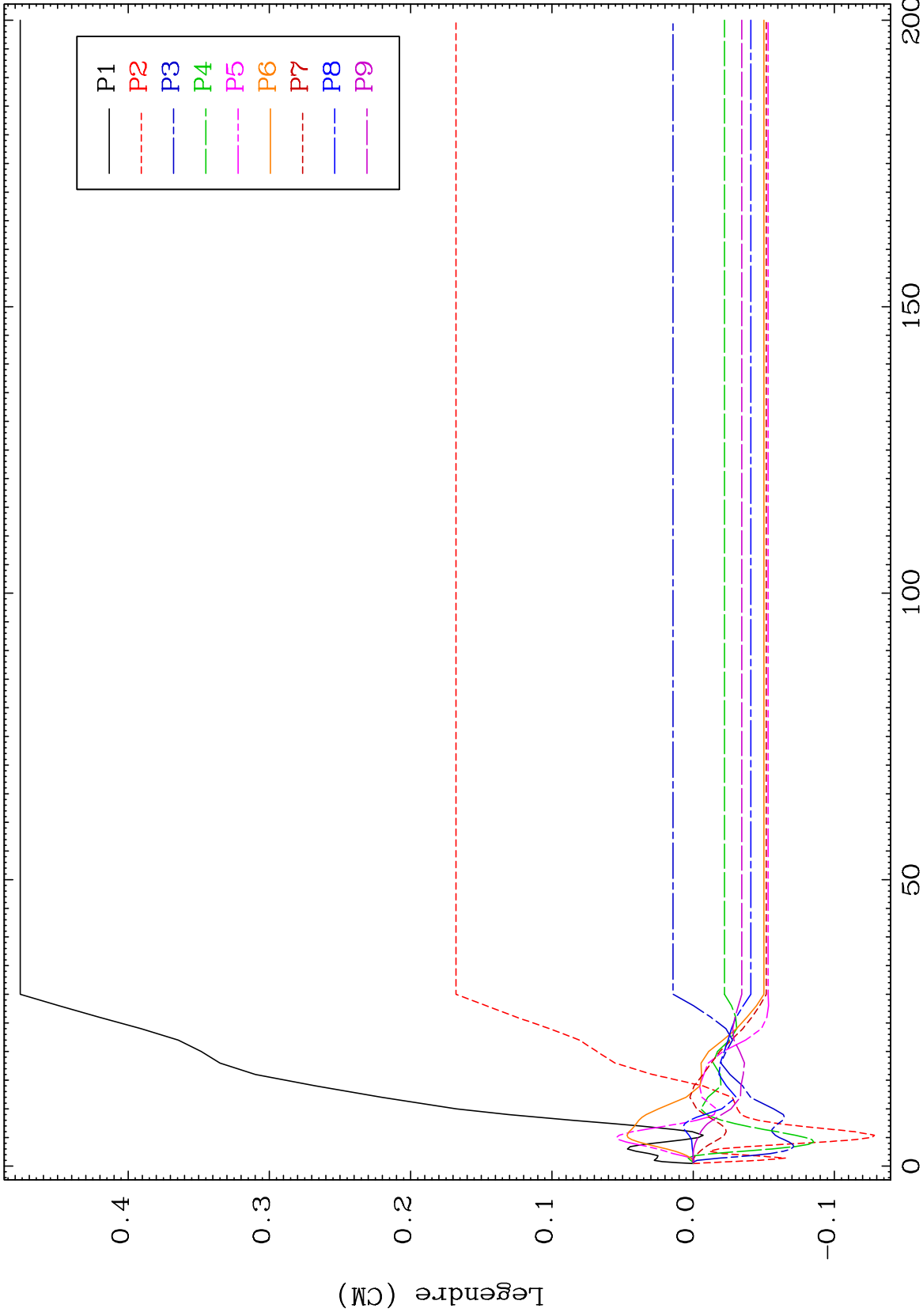
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



63

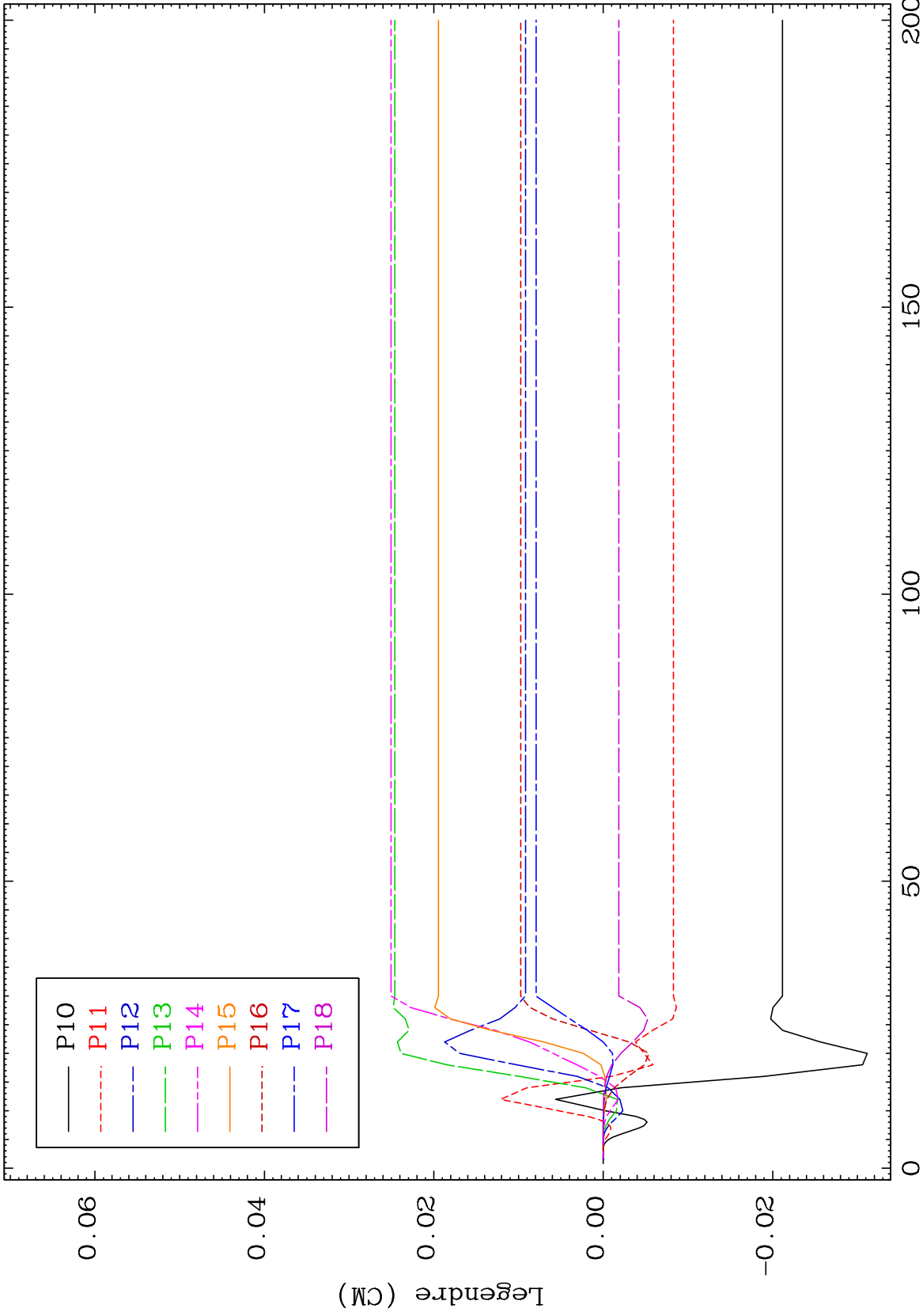
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



64

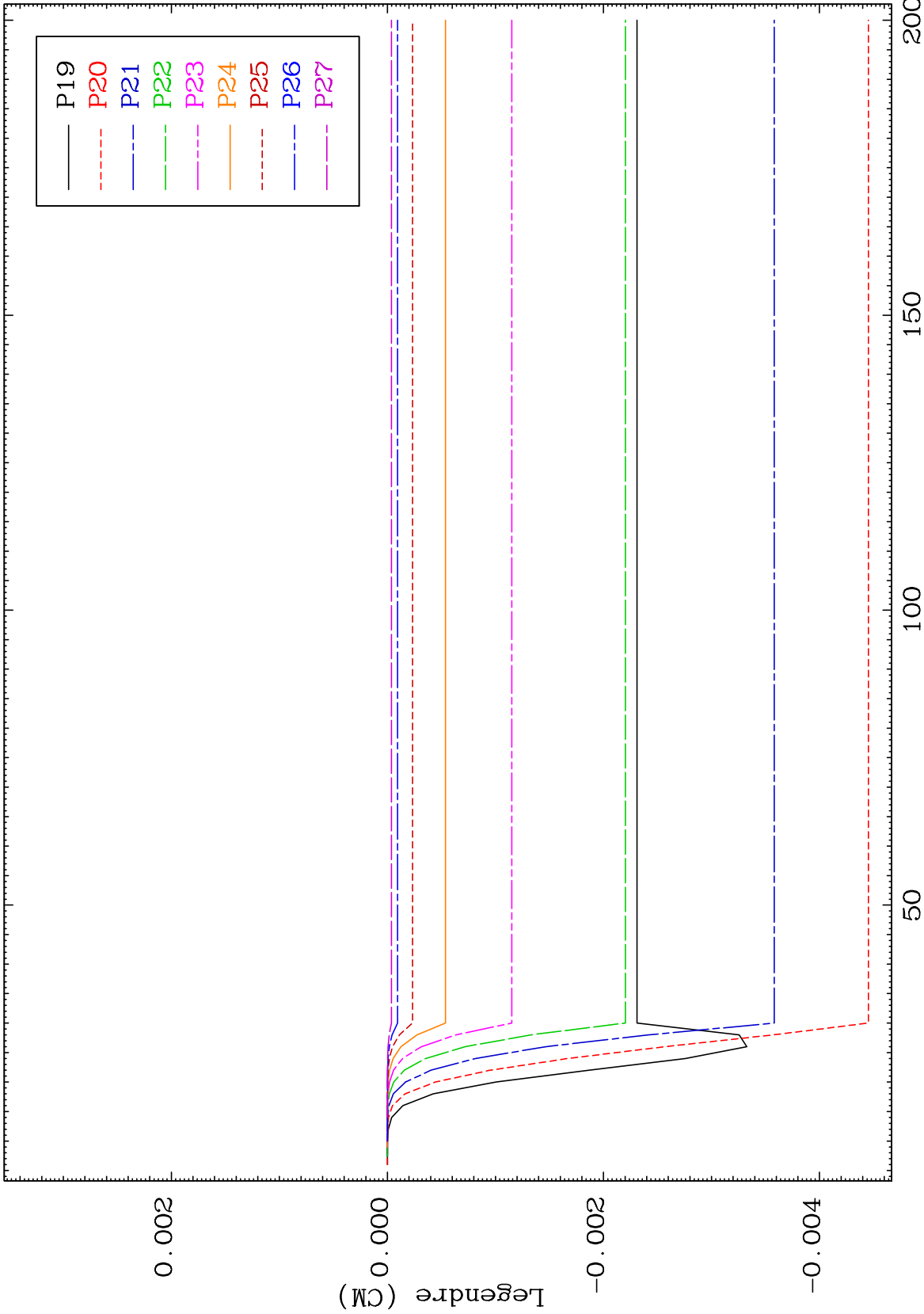
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



65

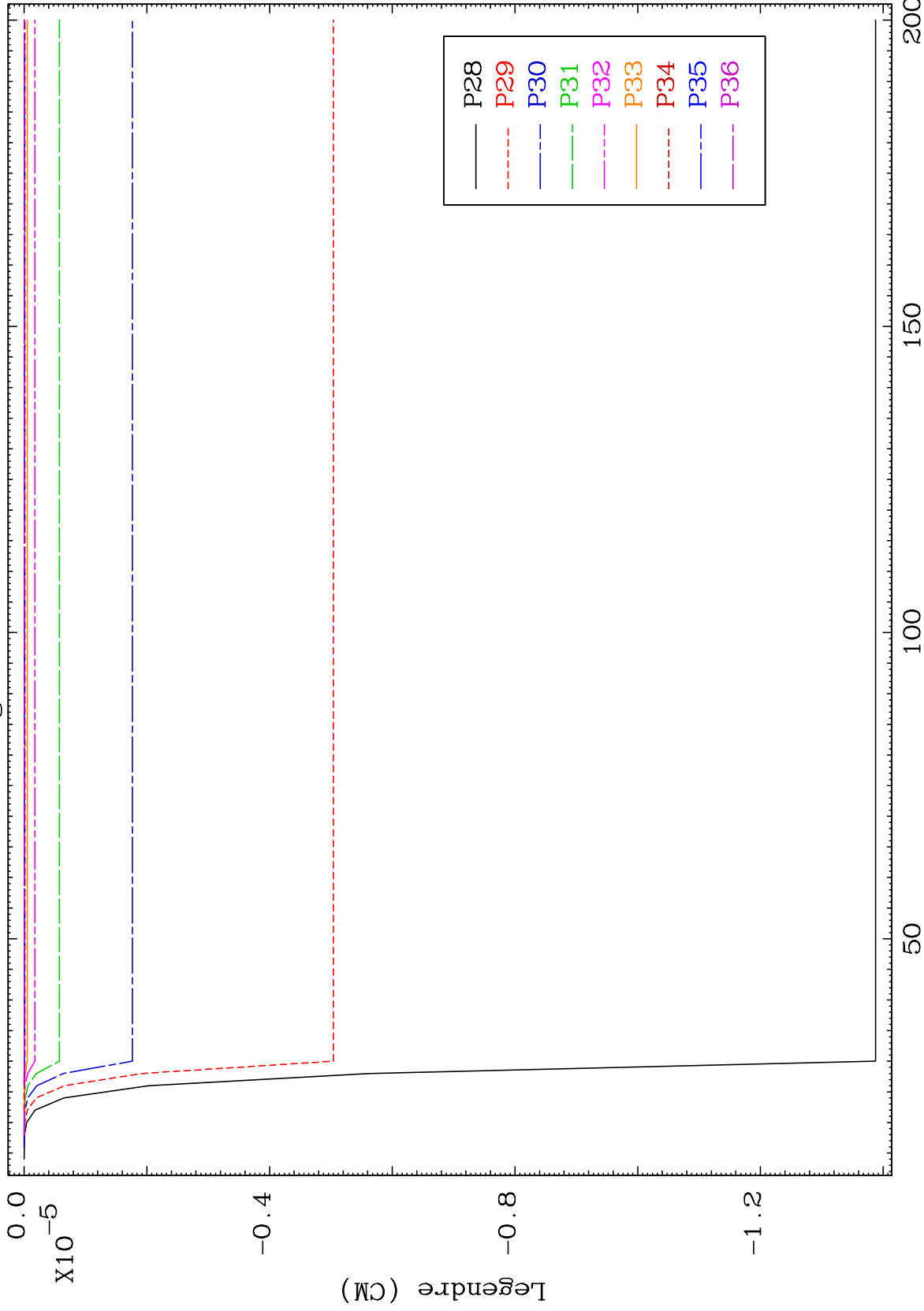
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



63-Eu-166

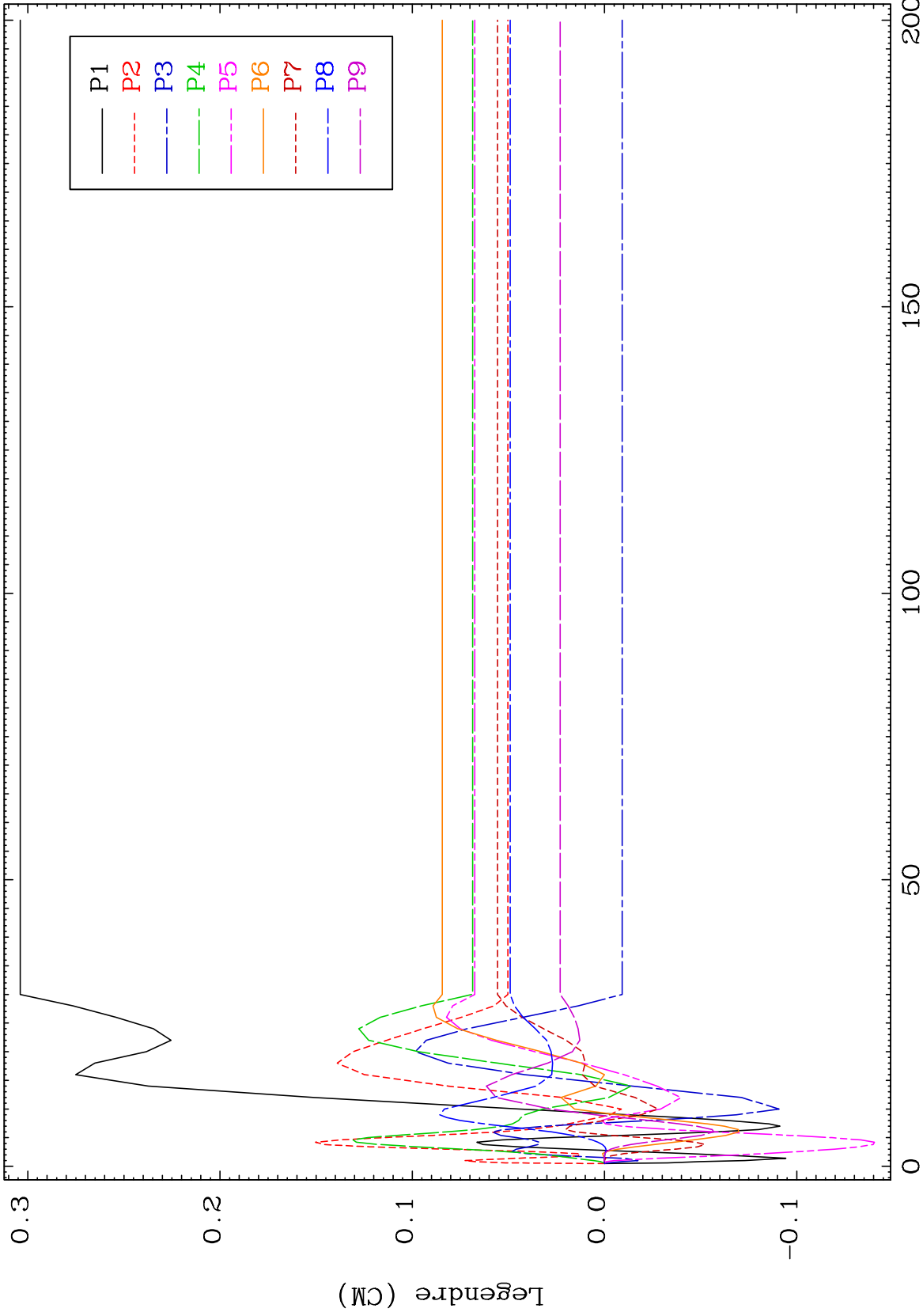
Incident Energy (MeV)

66

MAT 6370

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

63-Eu-166



67

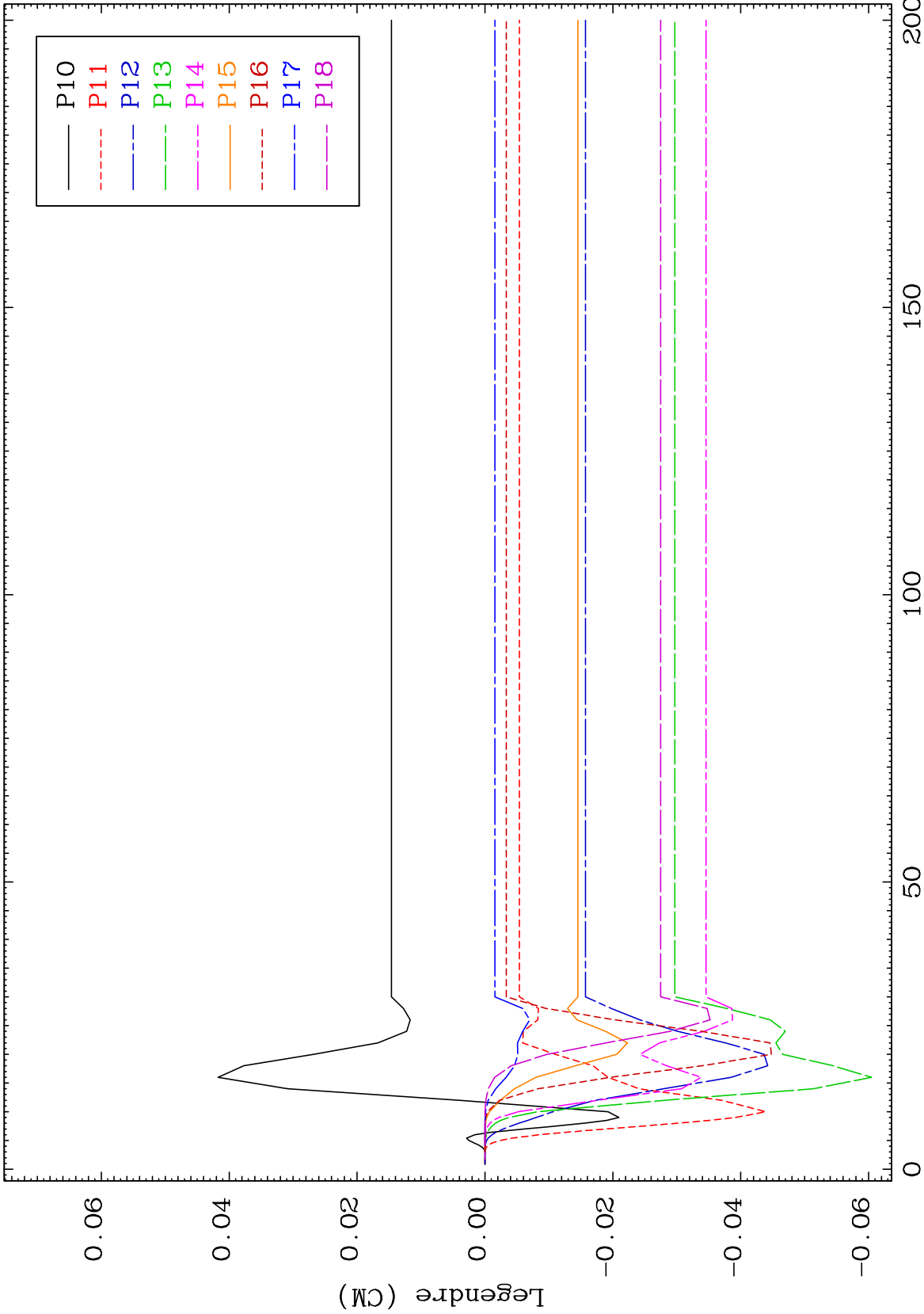
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



68

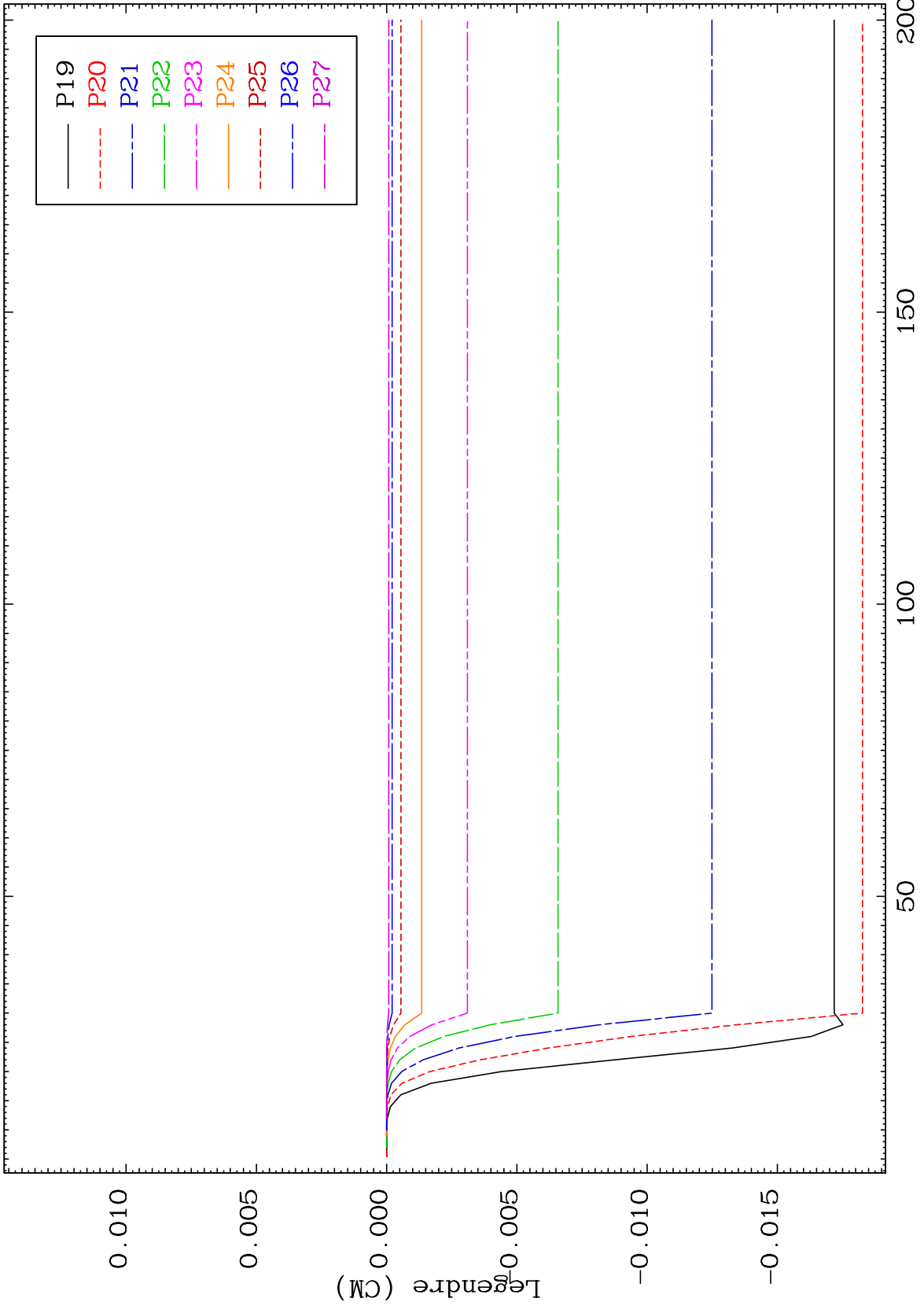
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



69

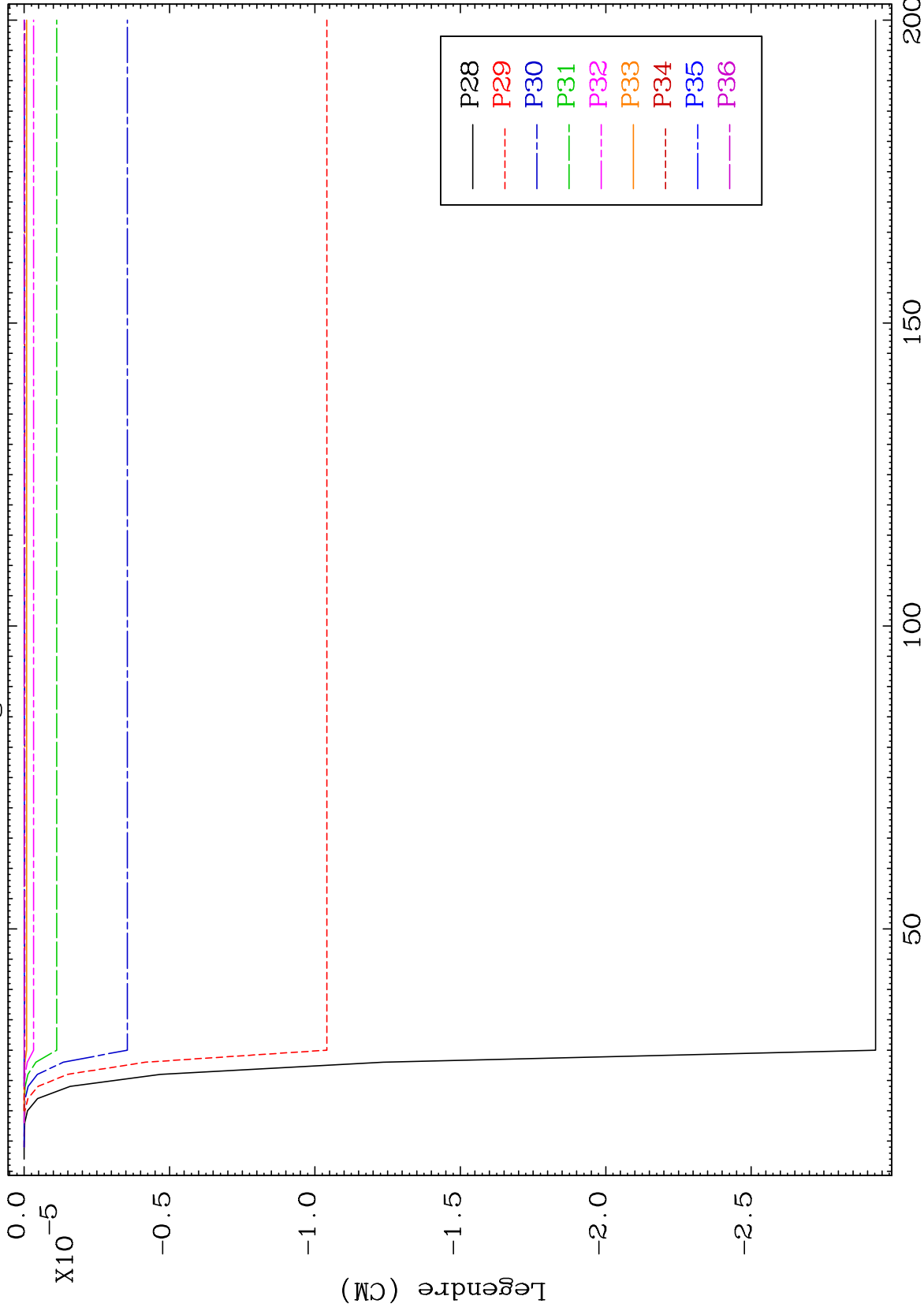
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



63-Eu-166

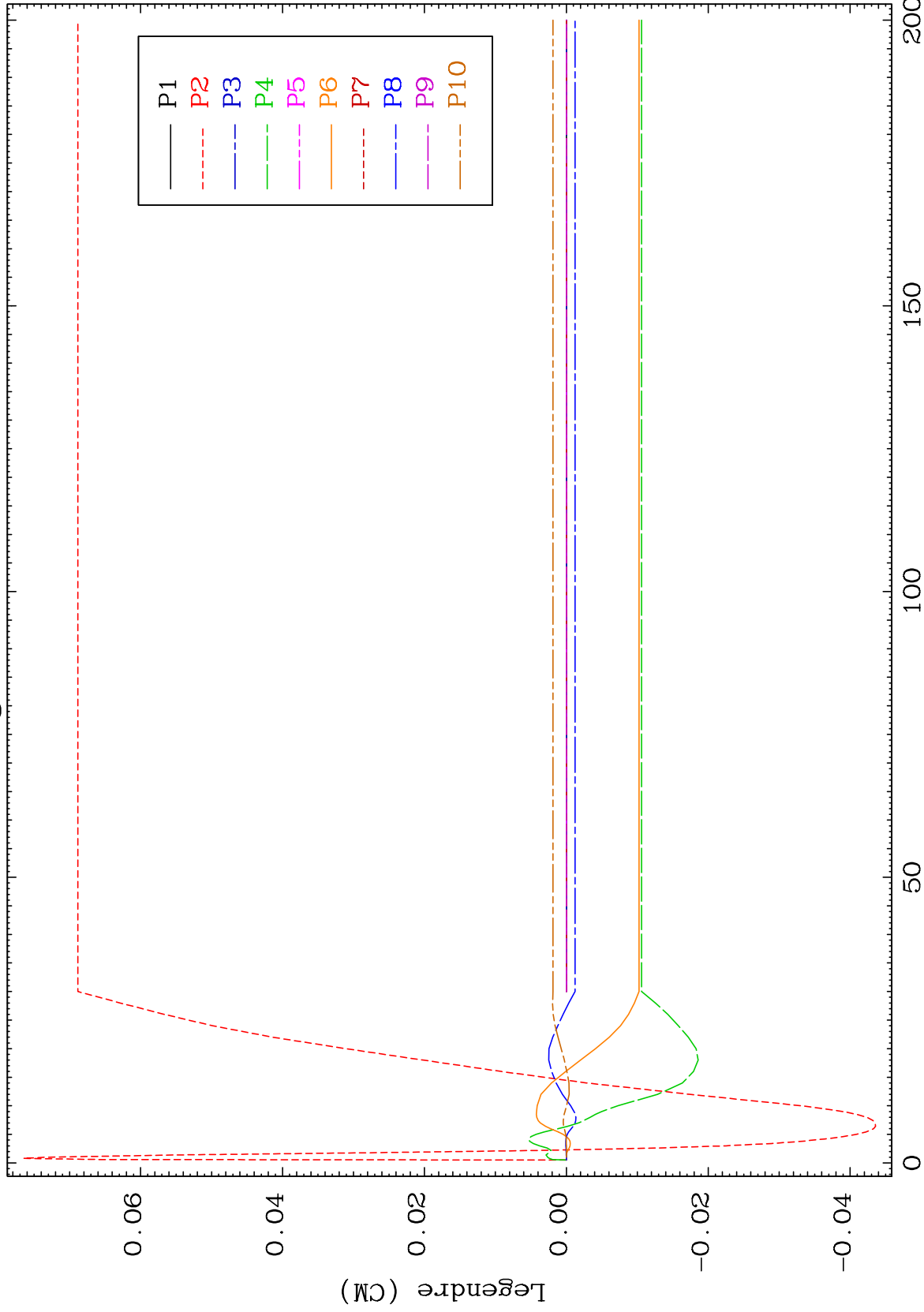
Incident Energy (MeV)

70

MAT 6370

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

63-Eu-166



71

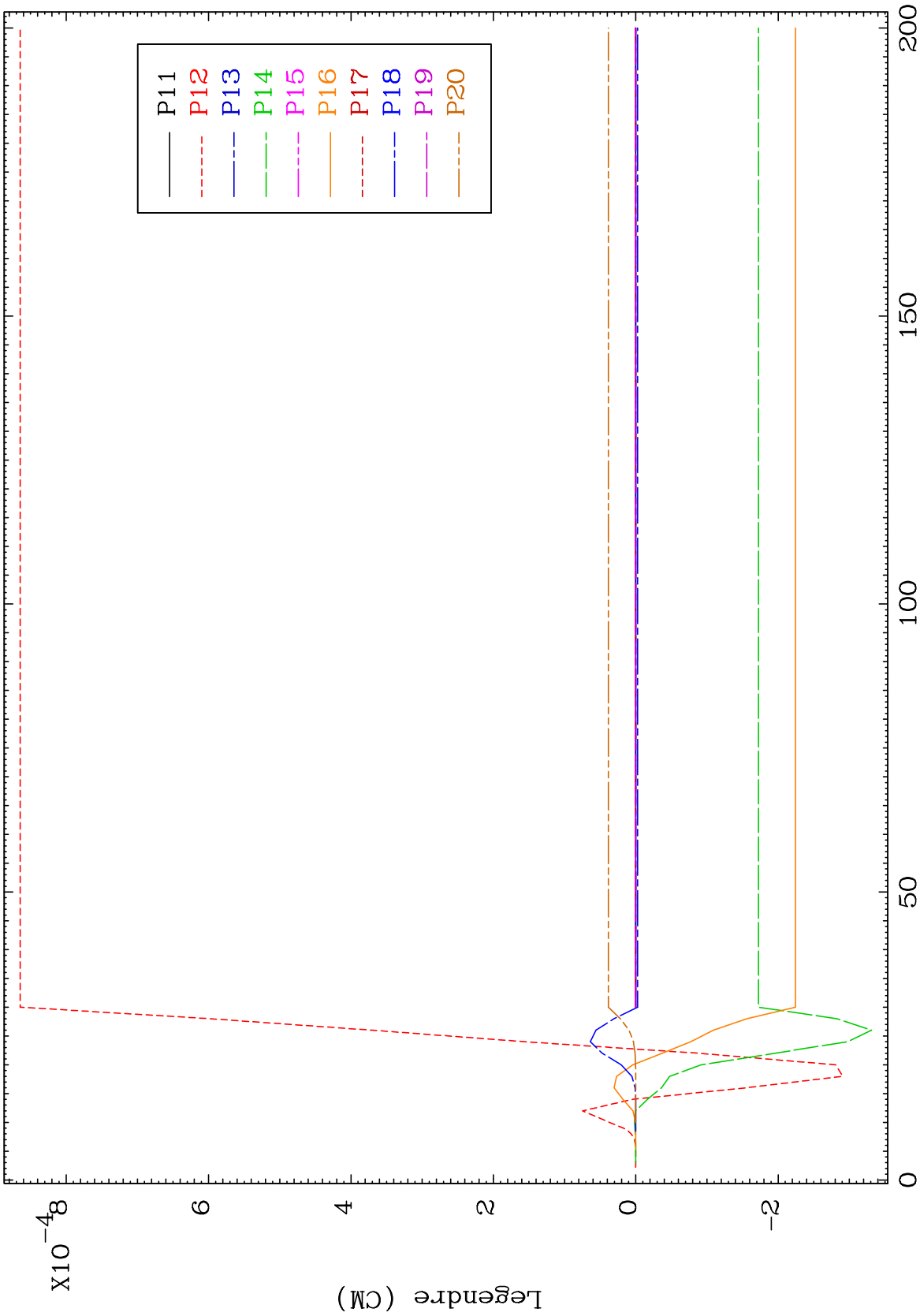
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



72

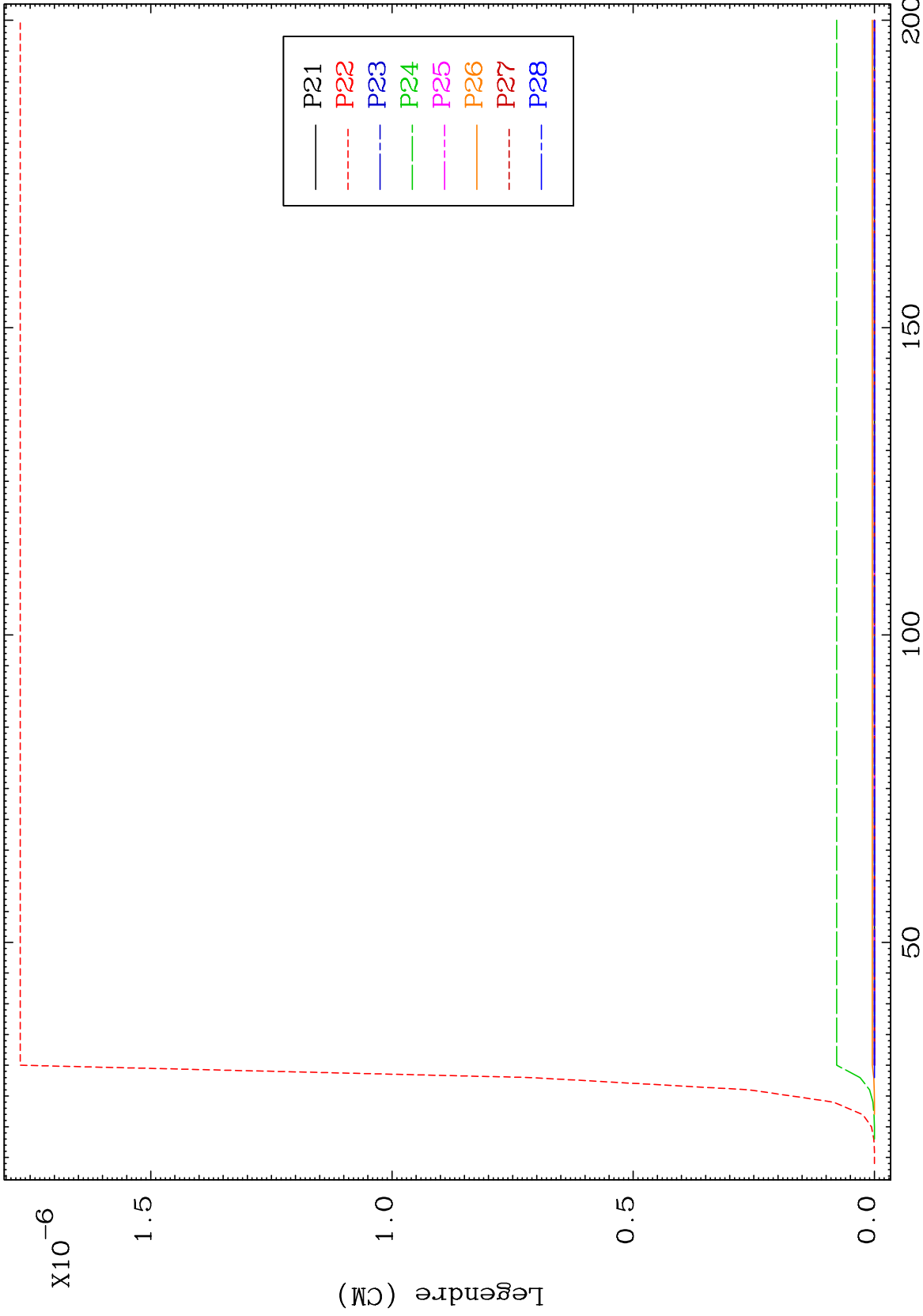
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



73

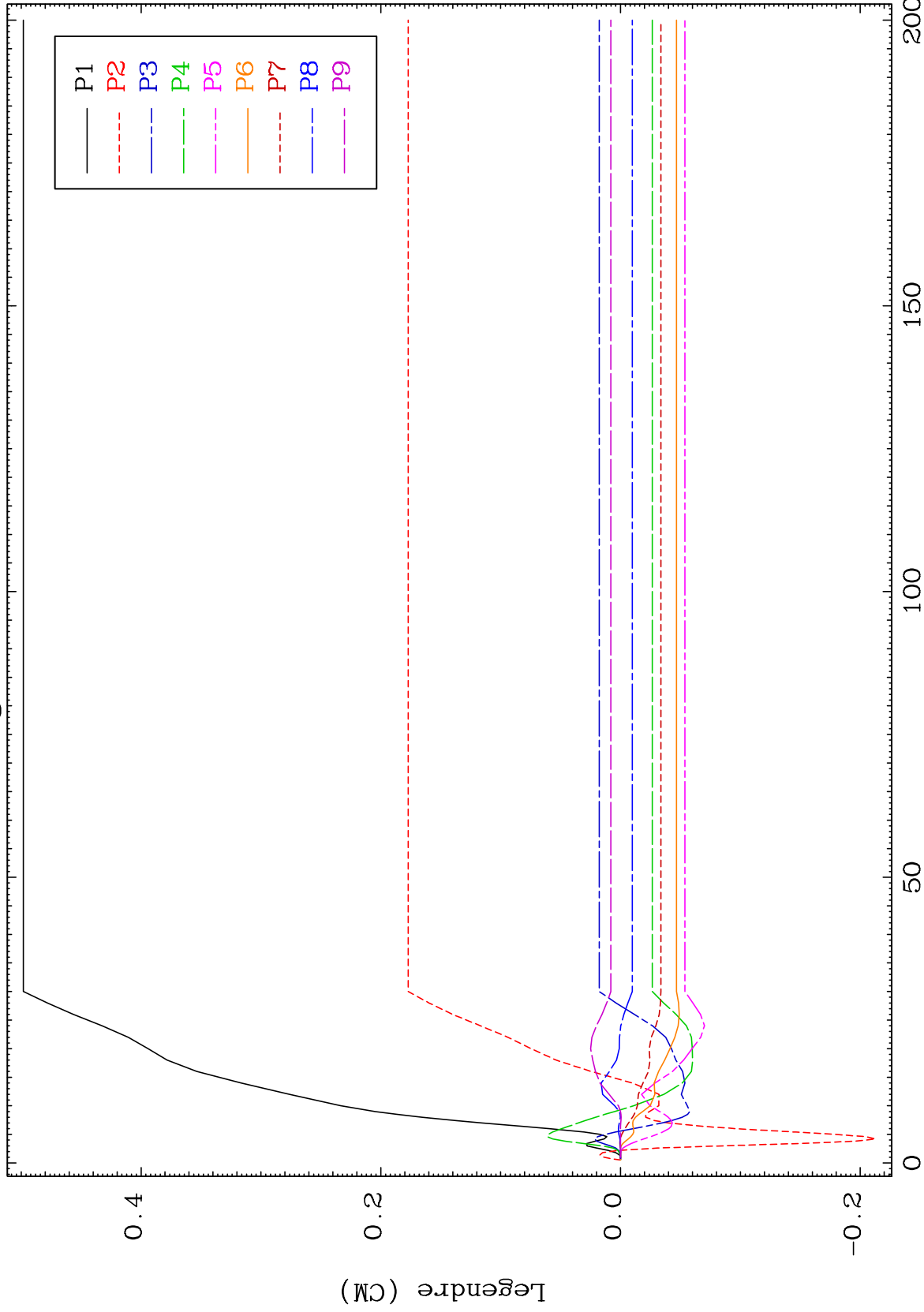
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



74

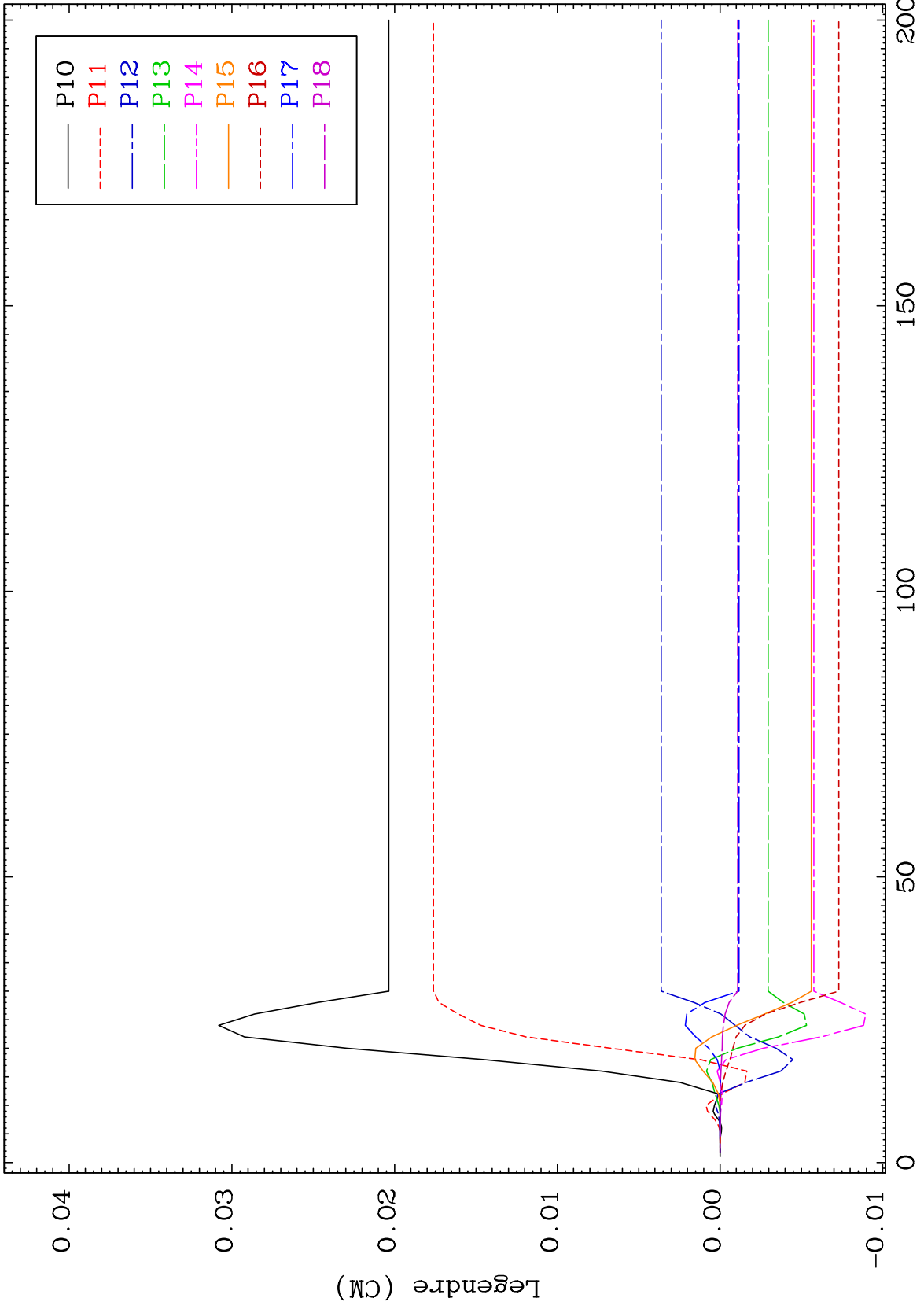
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



75

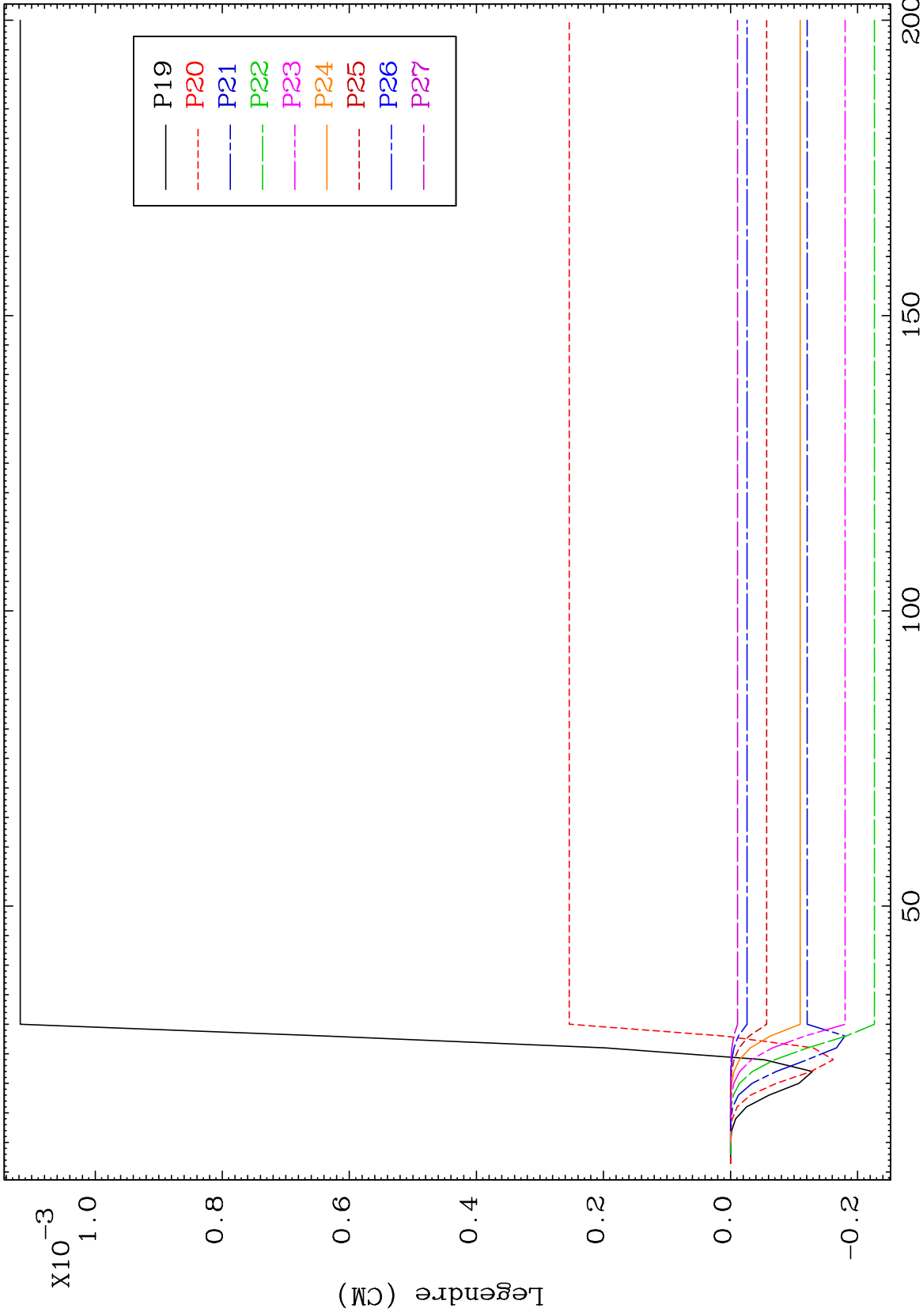
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

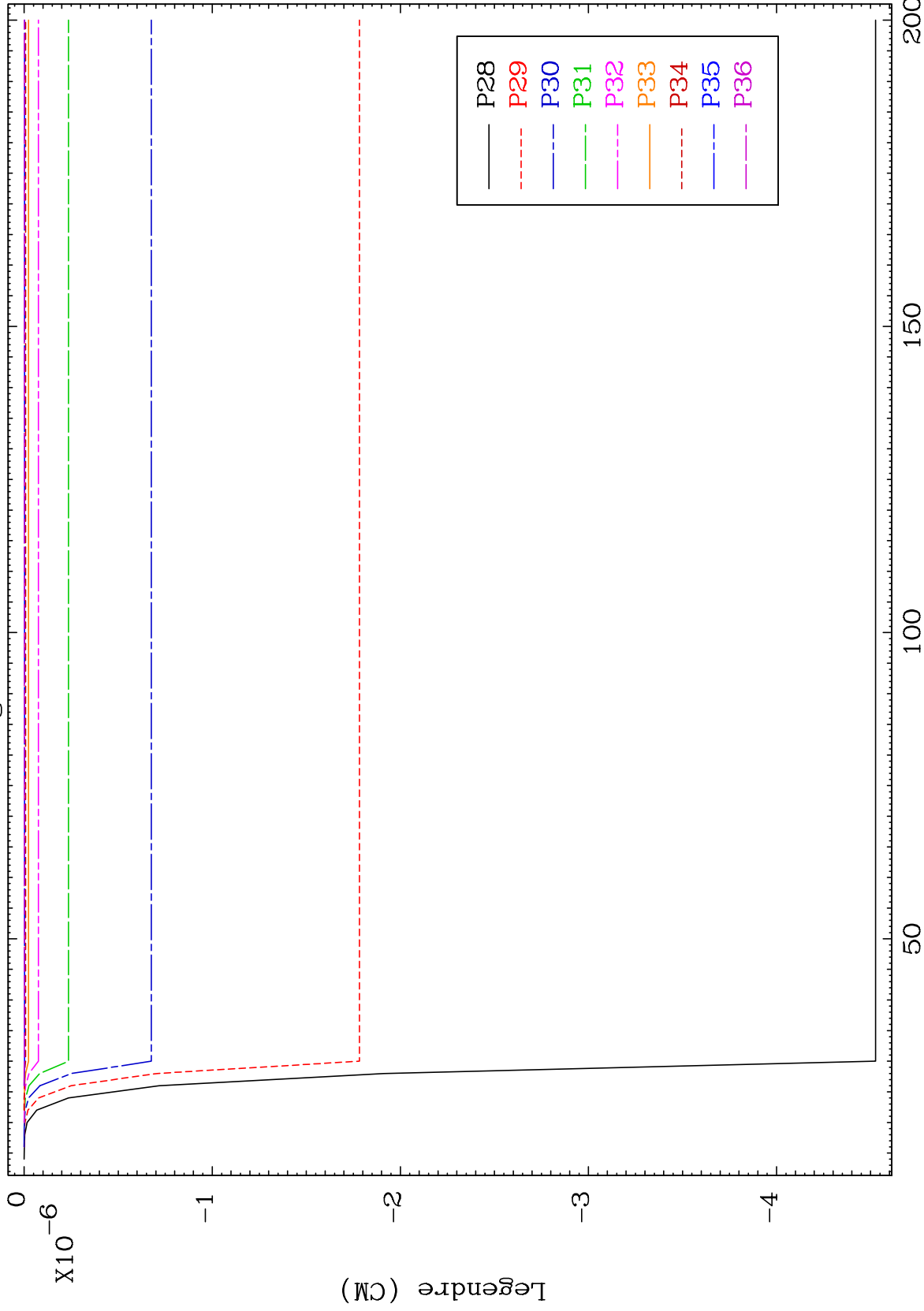
63-Eu-166



76

Incident Energy (MeV)

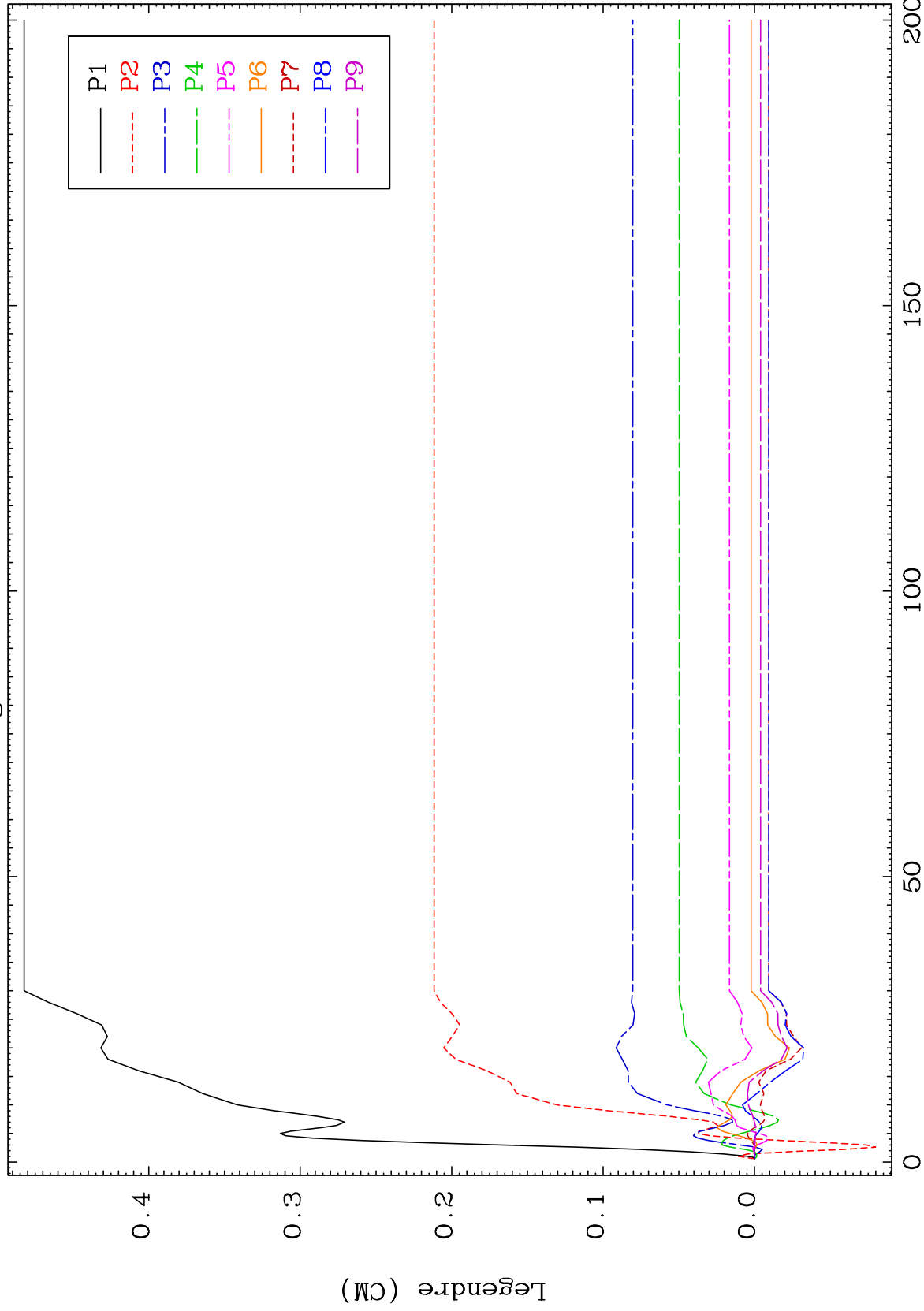
63-Eu-166



MAT 6370

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

63-Eu-166



78

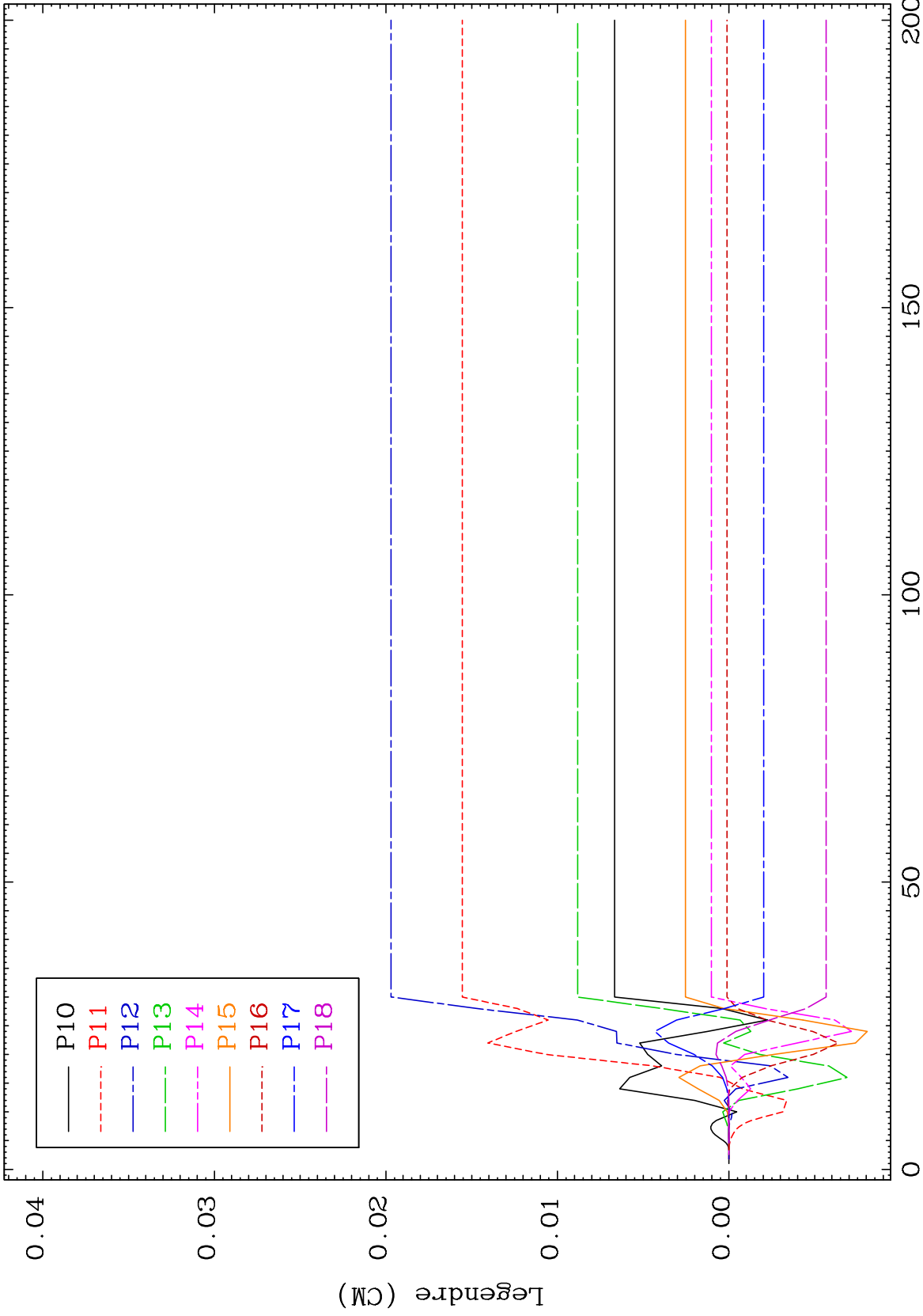
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



79

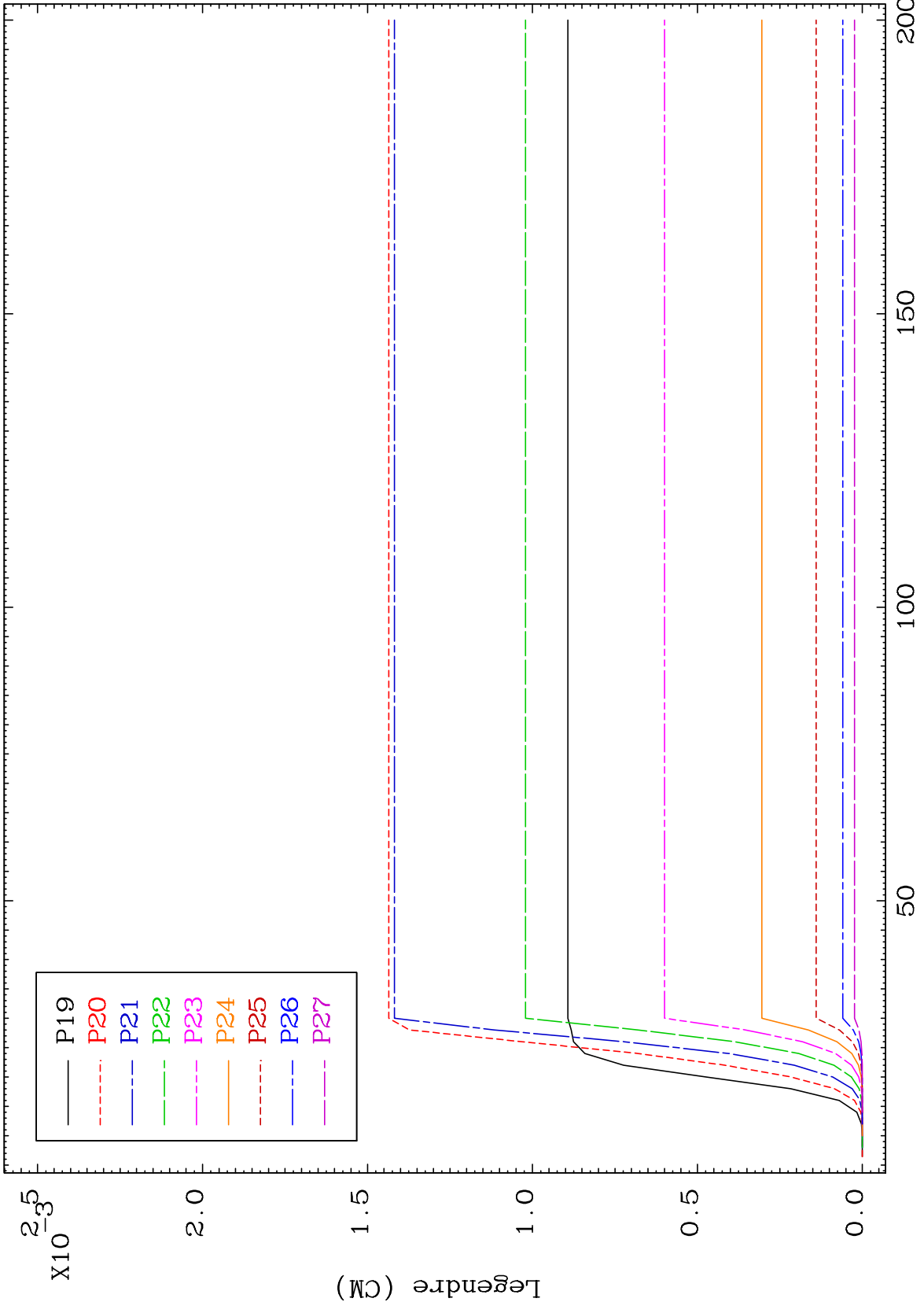
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



80

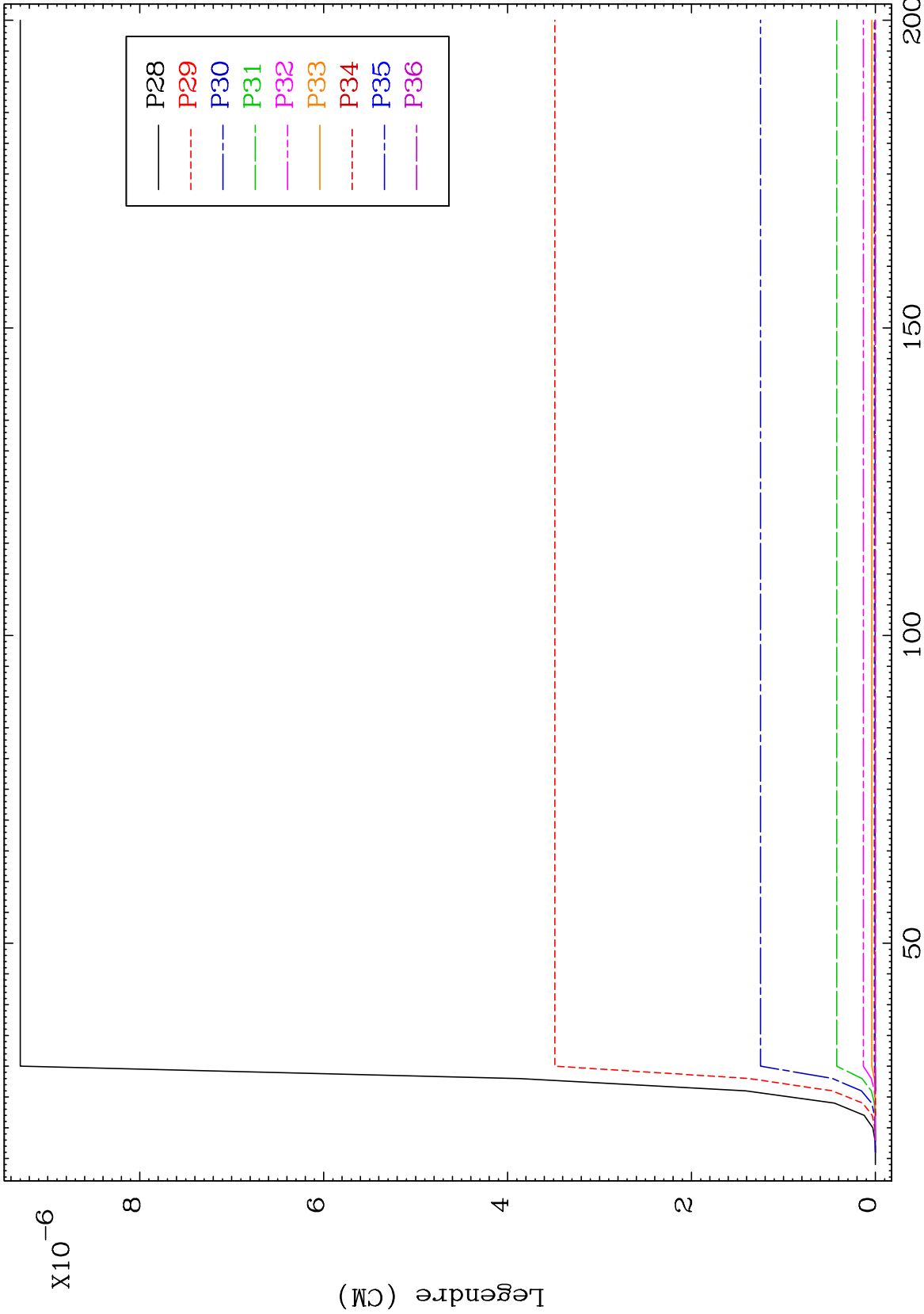
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



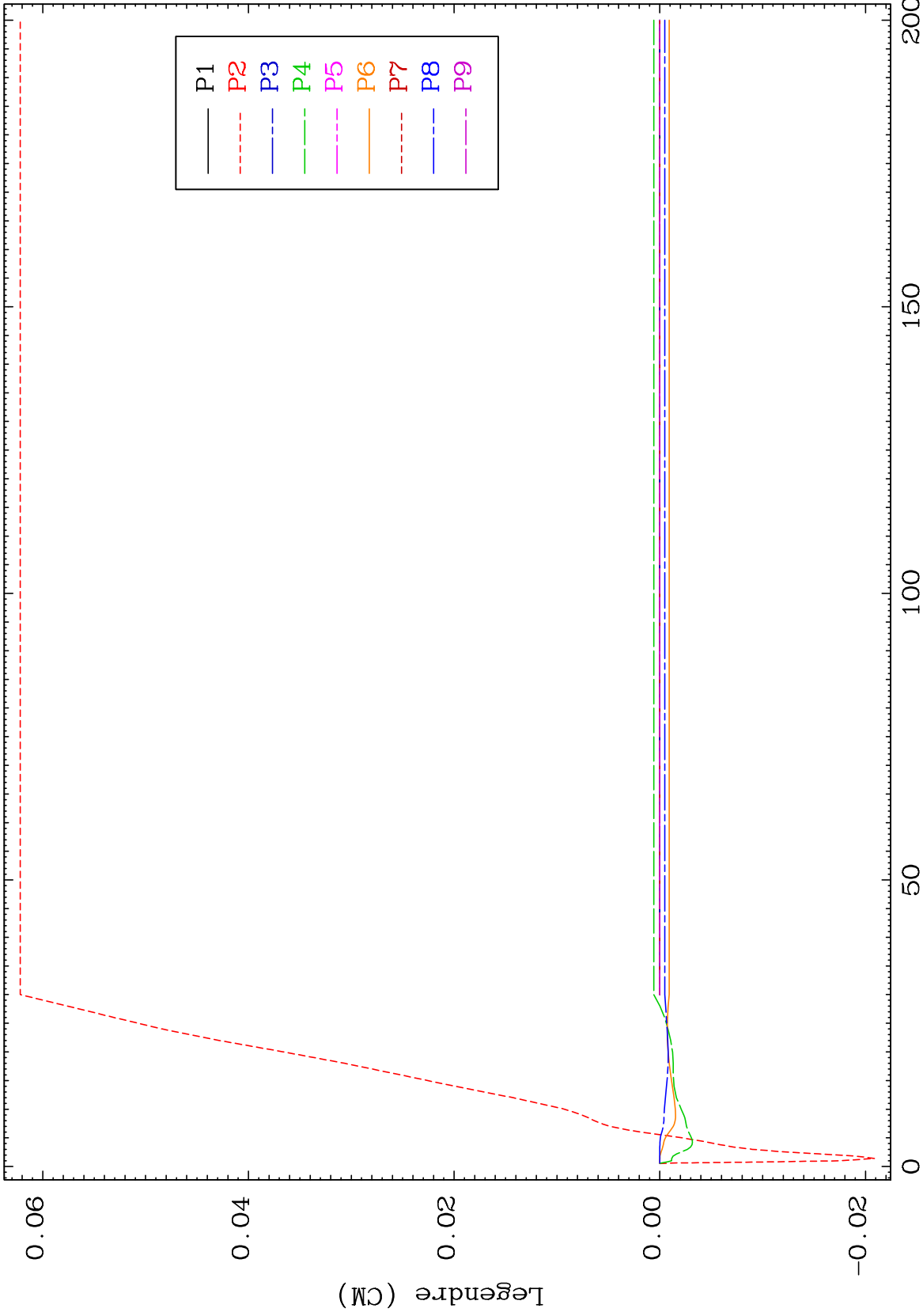
81

63-Eu-166

MAT 6370

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

63-Eu-166



82

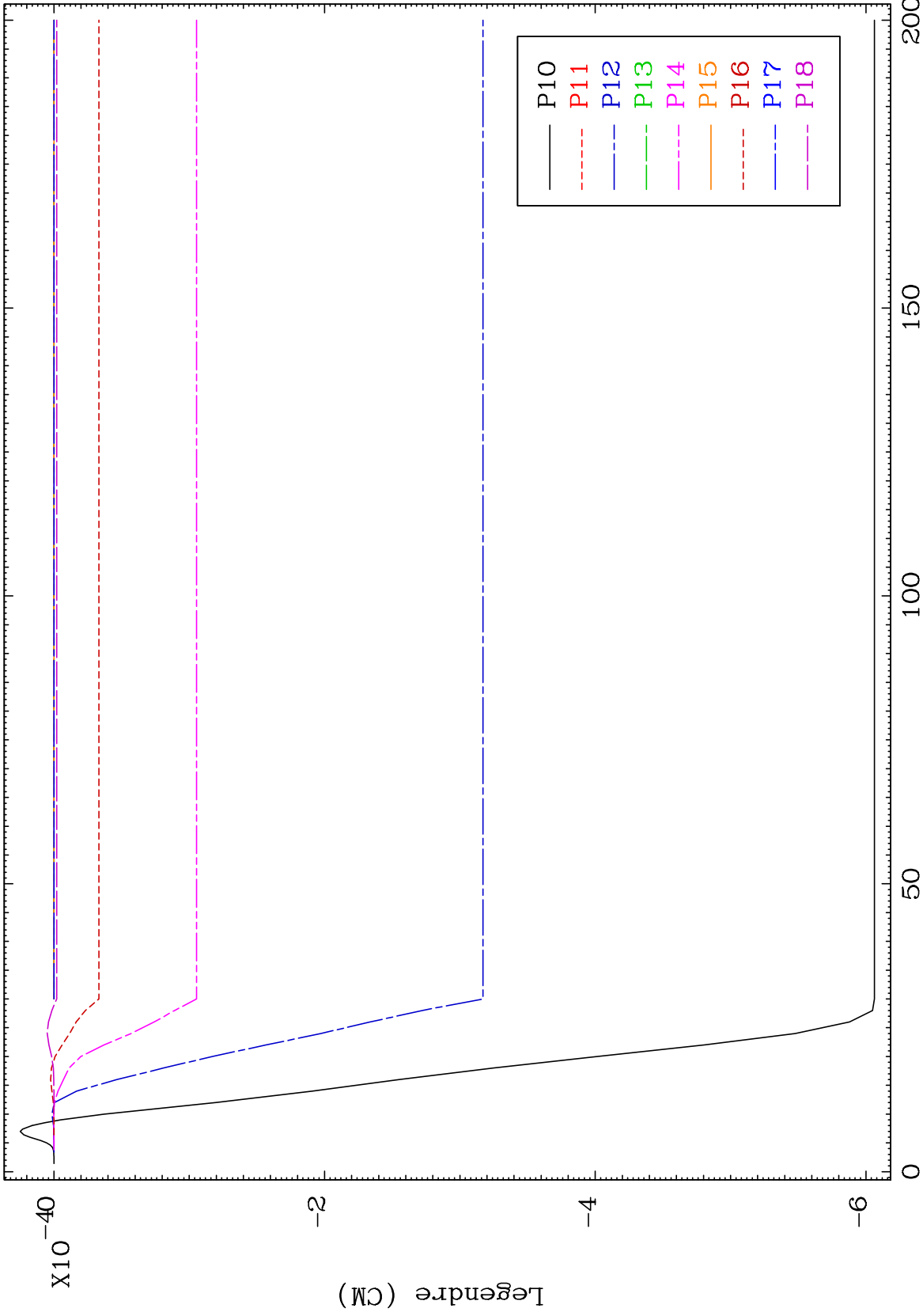
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



83

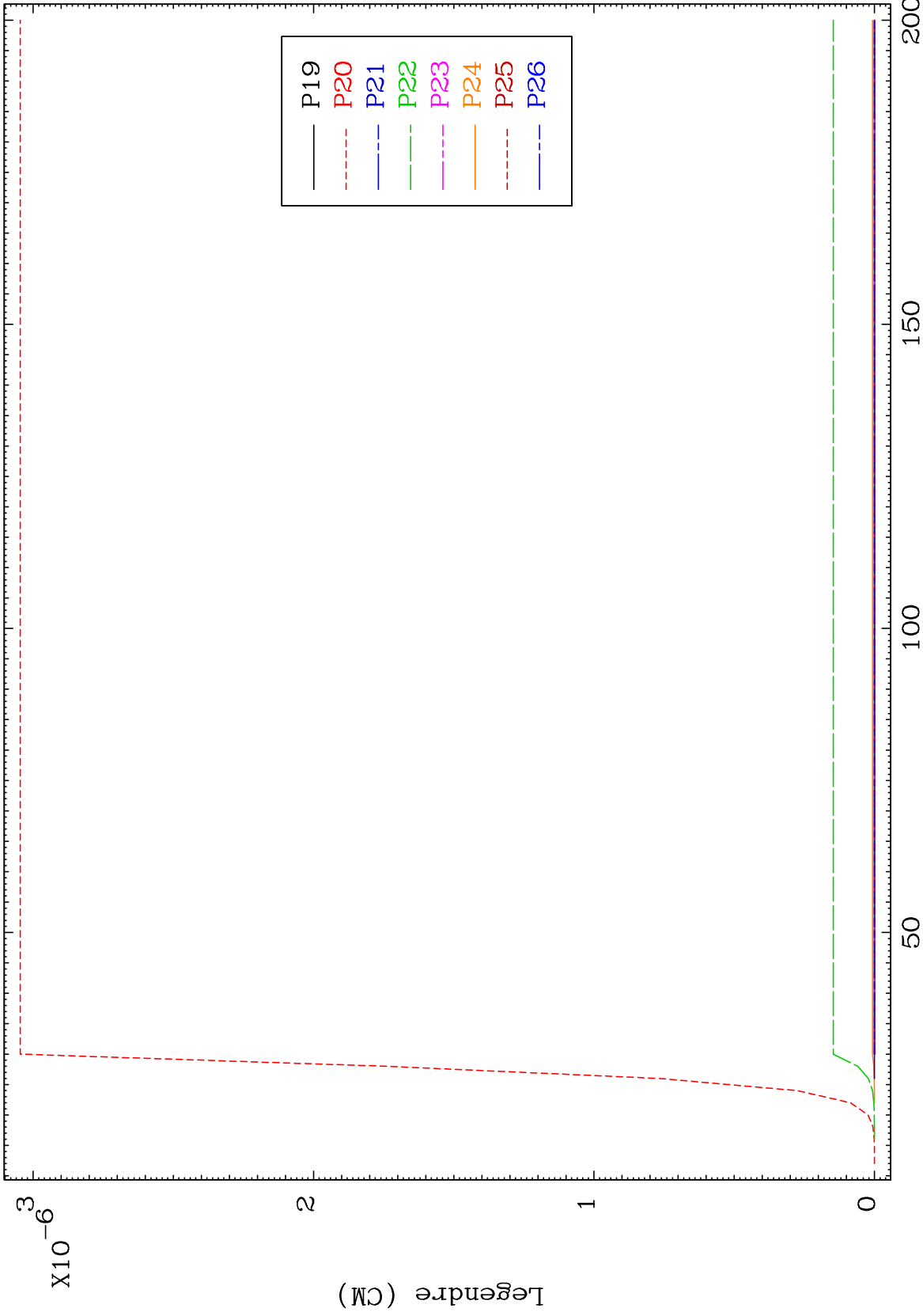
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



63-Eu-166

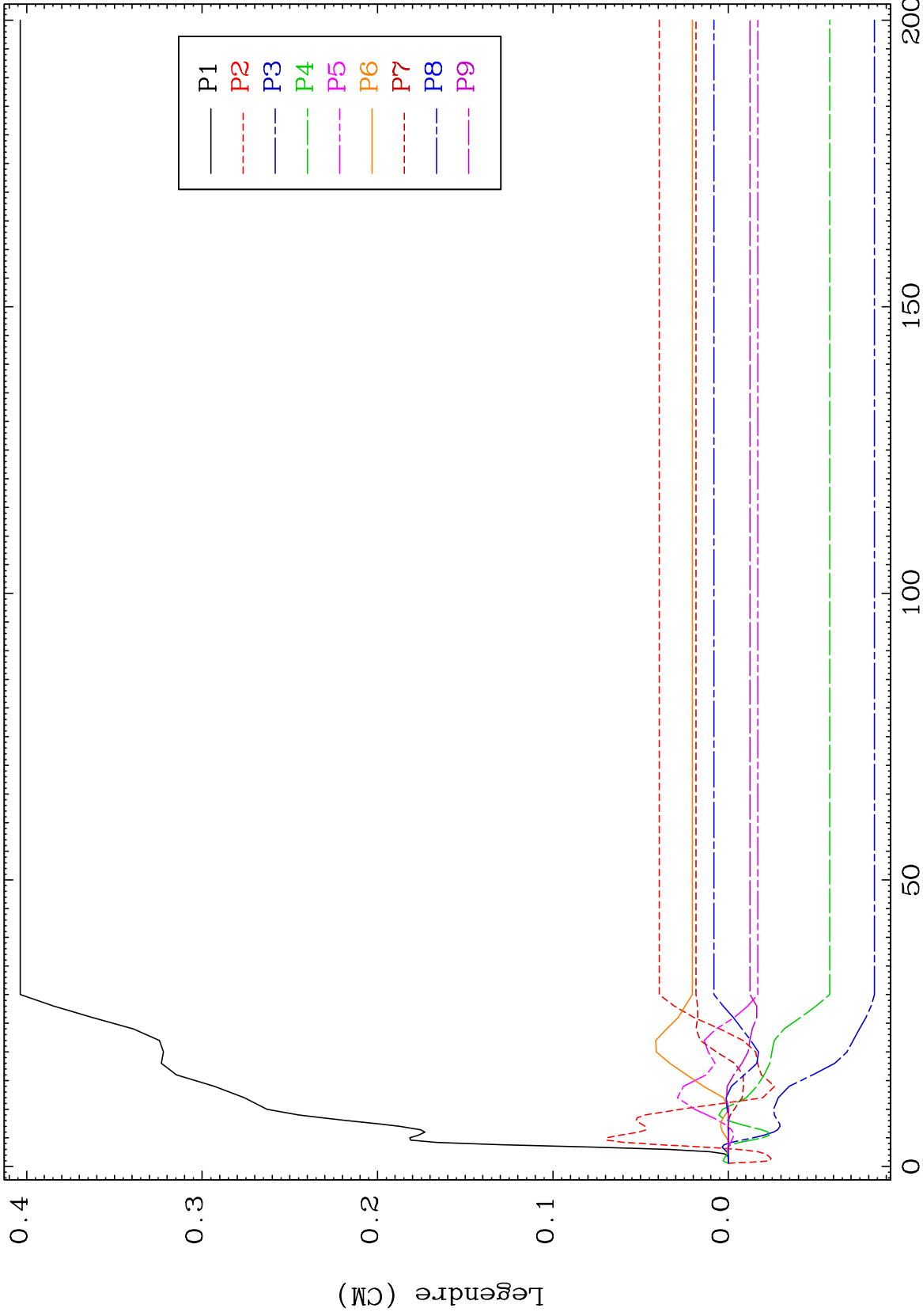
Incident Energy (MeV)

84

MAT 6370

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

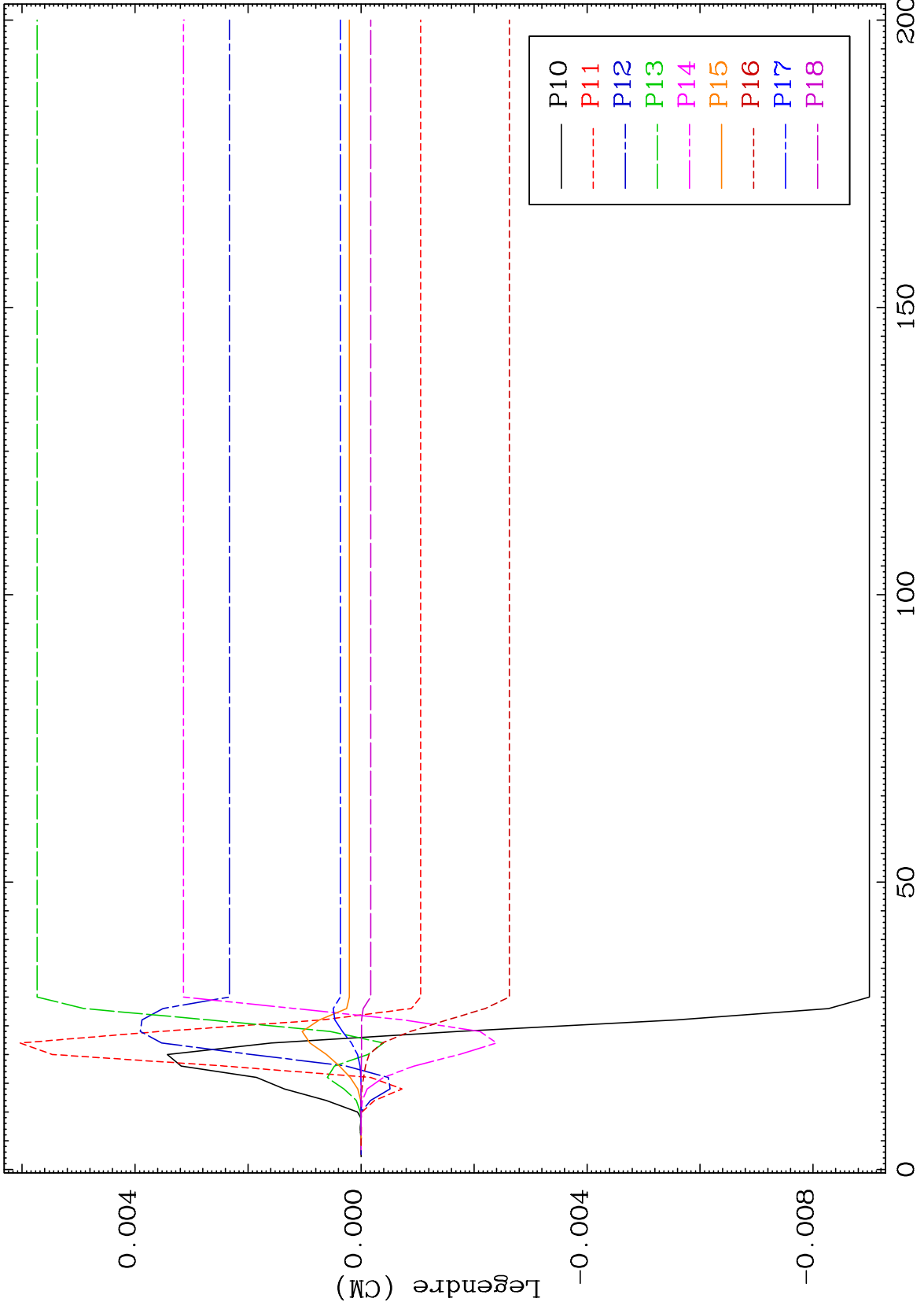
63-Eu-166



85

Incident Energy (MeV)

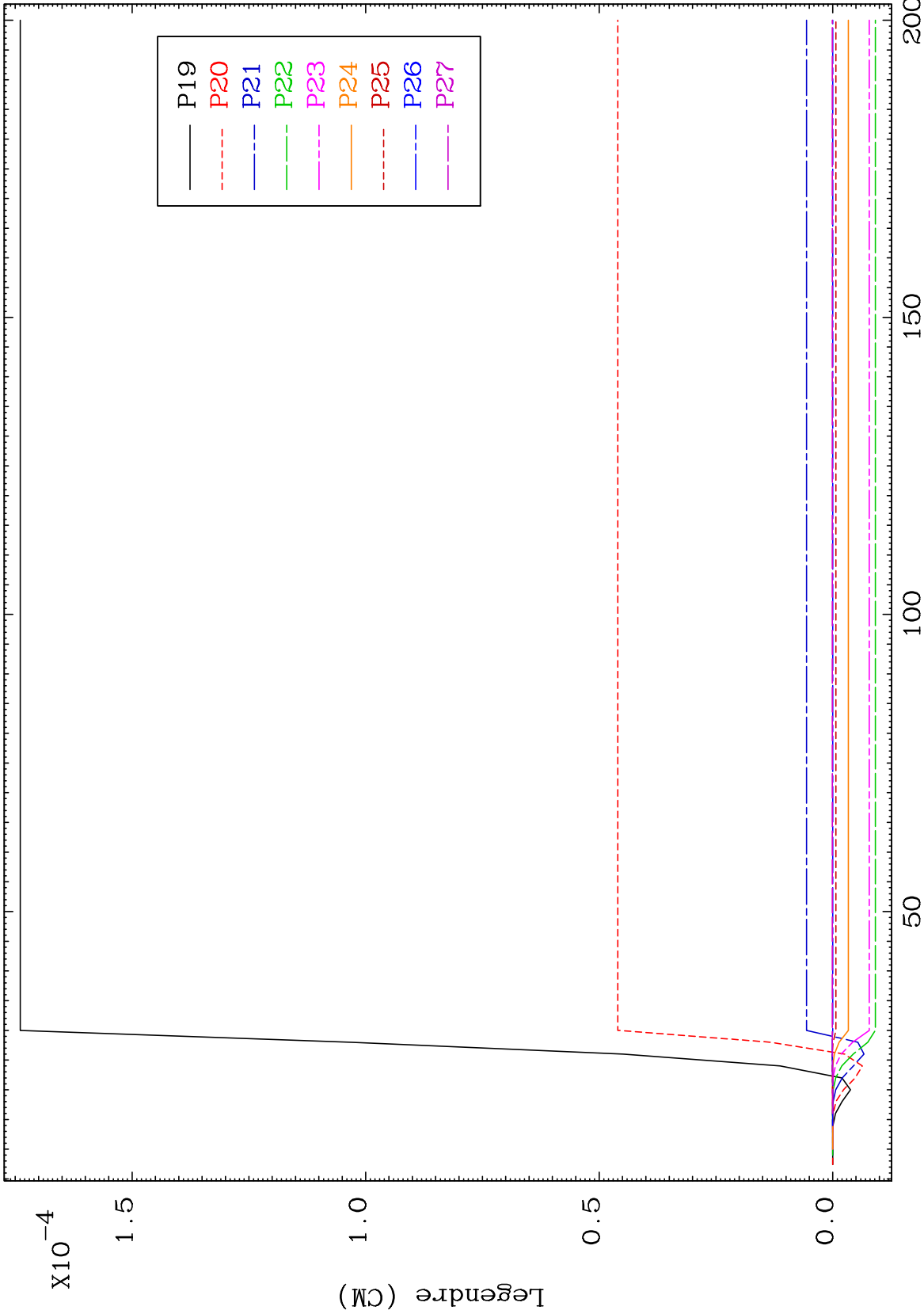
63-Eu-166



MAT 6370

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

63-Eu-166



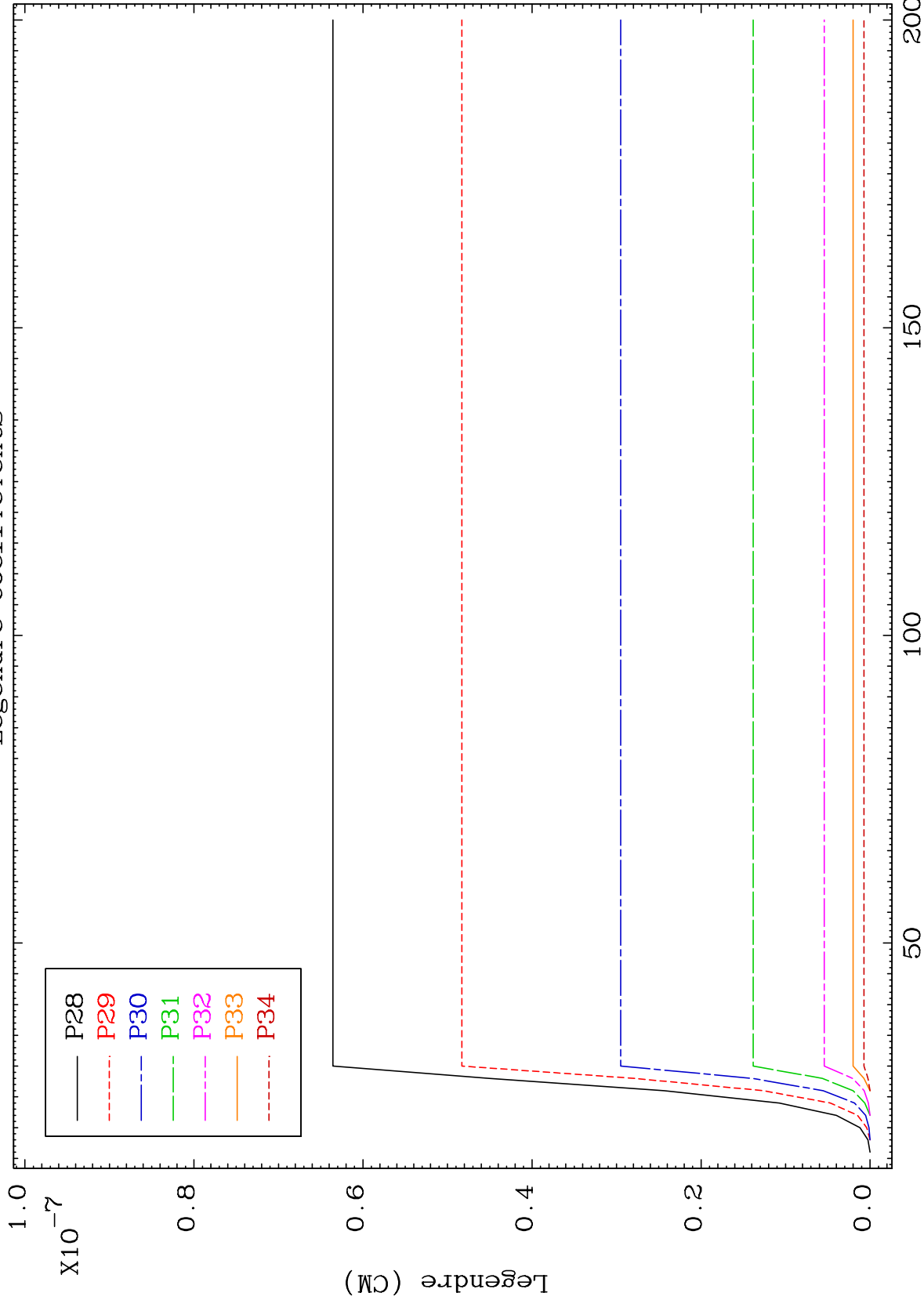
87

63-Eu-166

MAT 6370

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

63-Eu-166



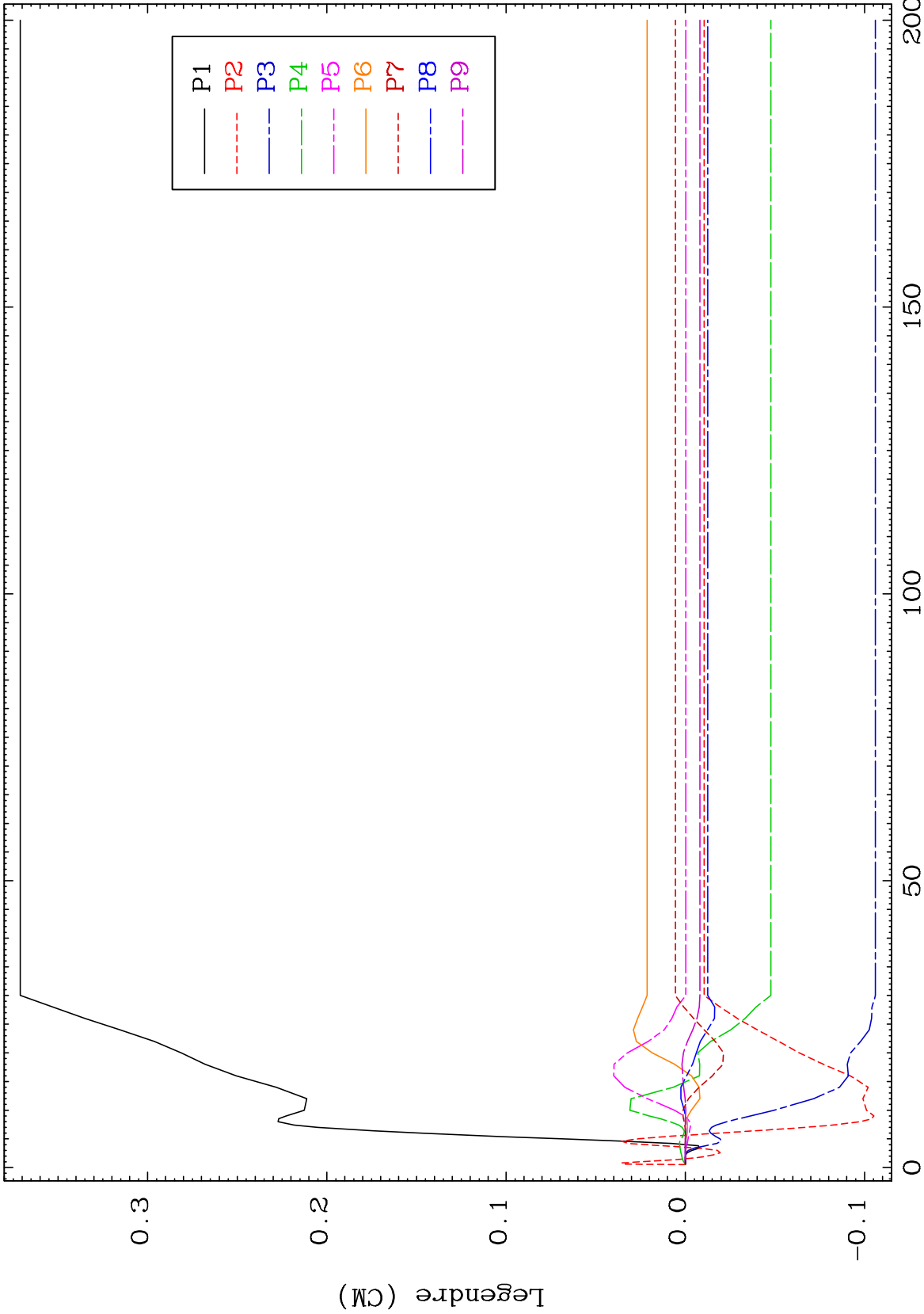
88

63-Eu-166

MAT 6370

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

63-Eu-166



89

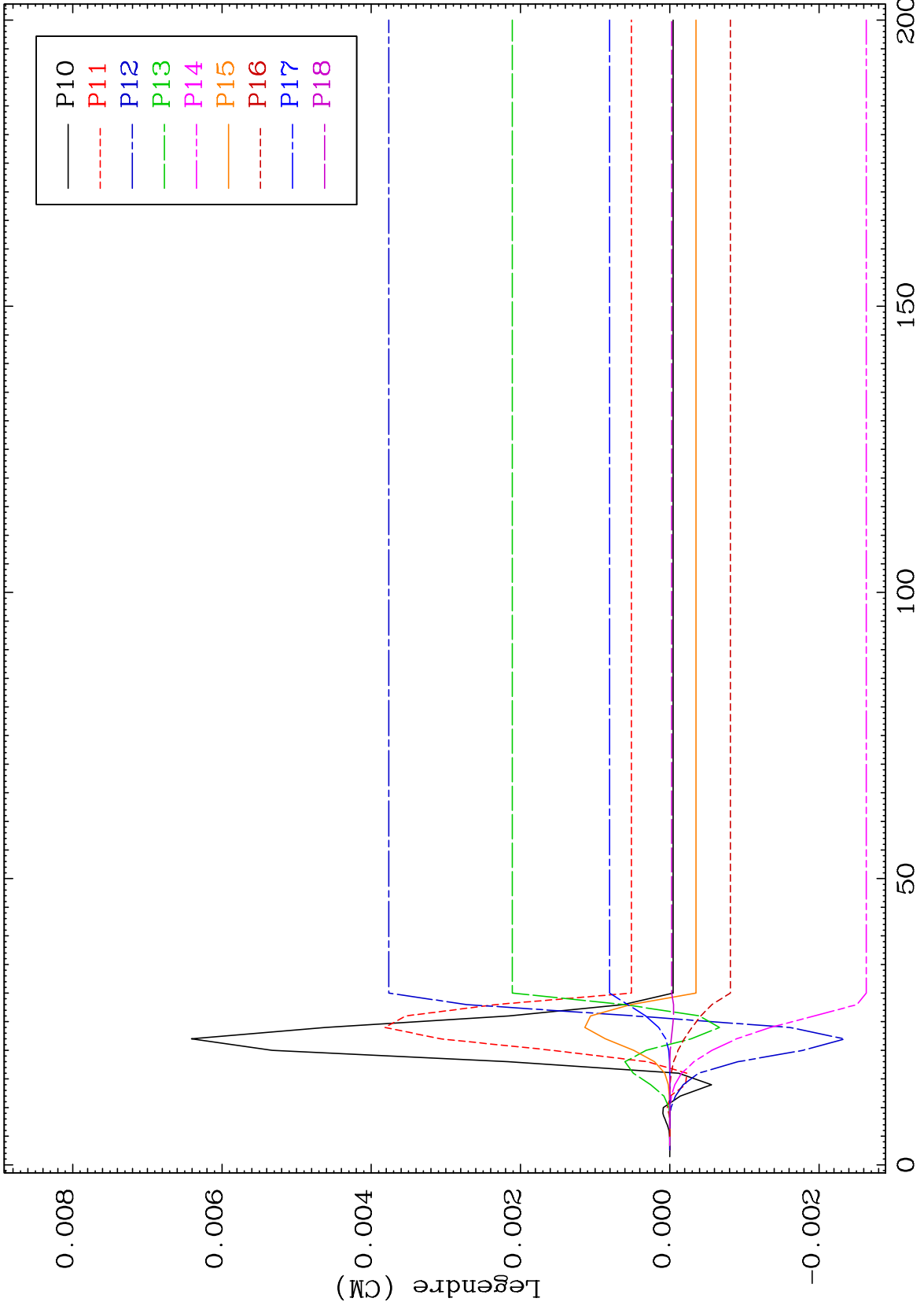
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



90

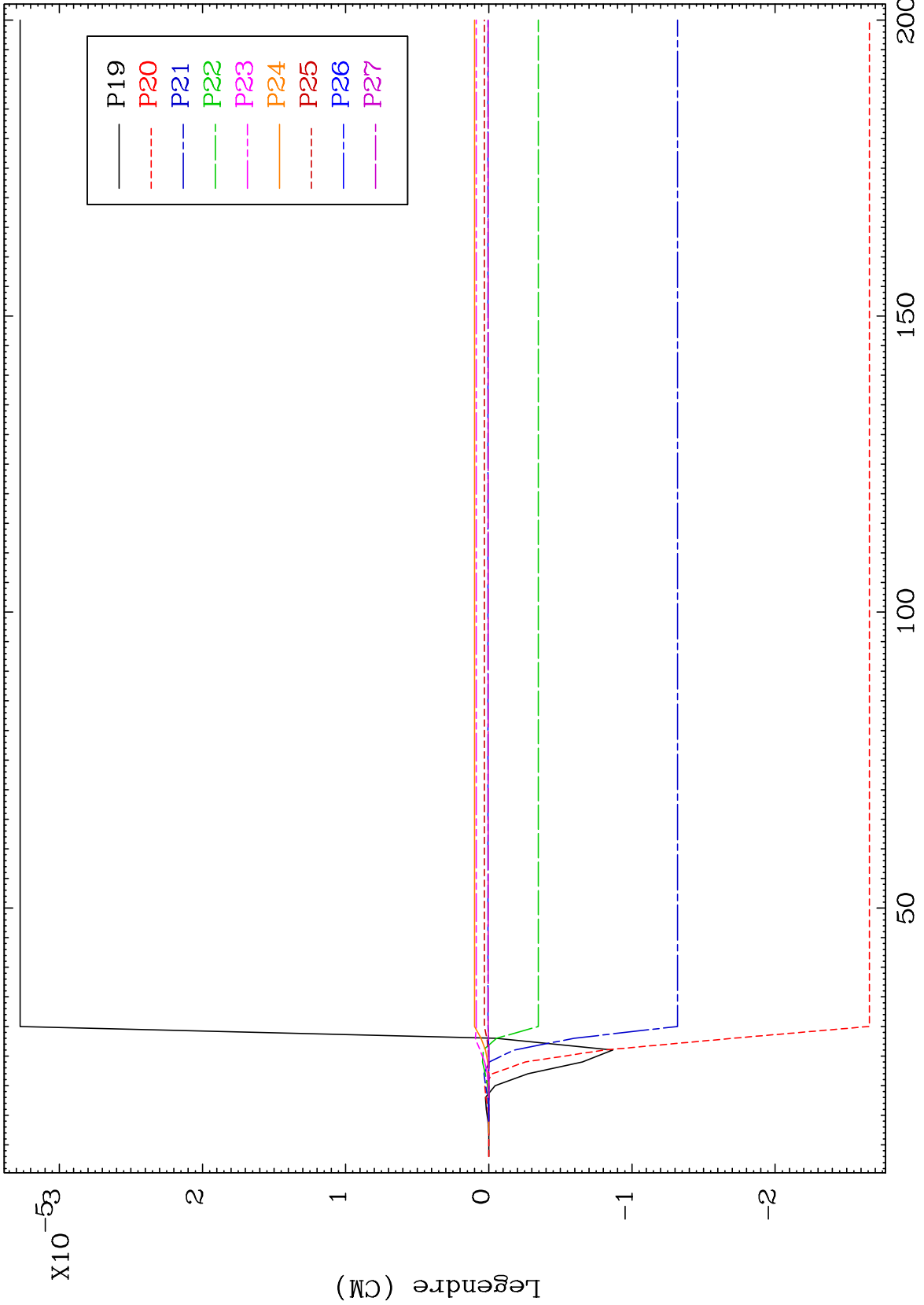
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



91

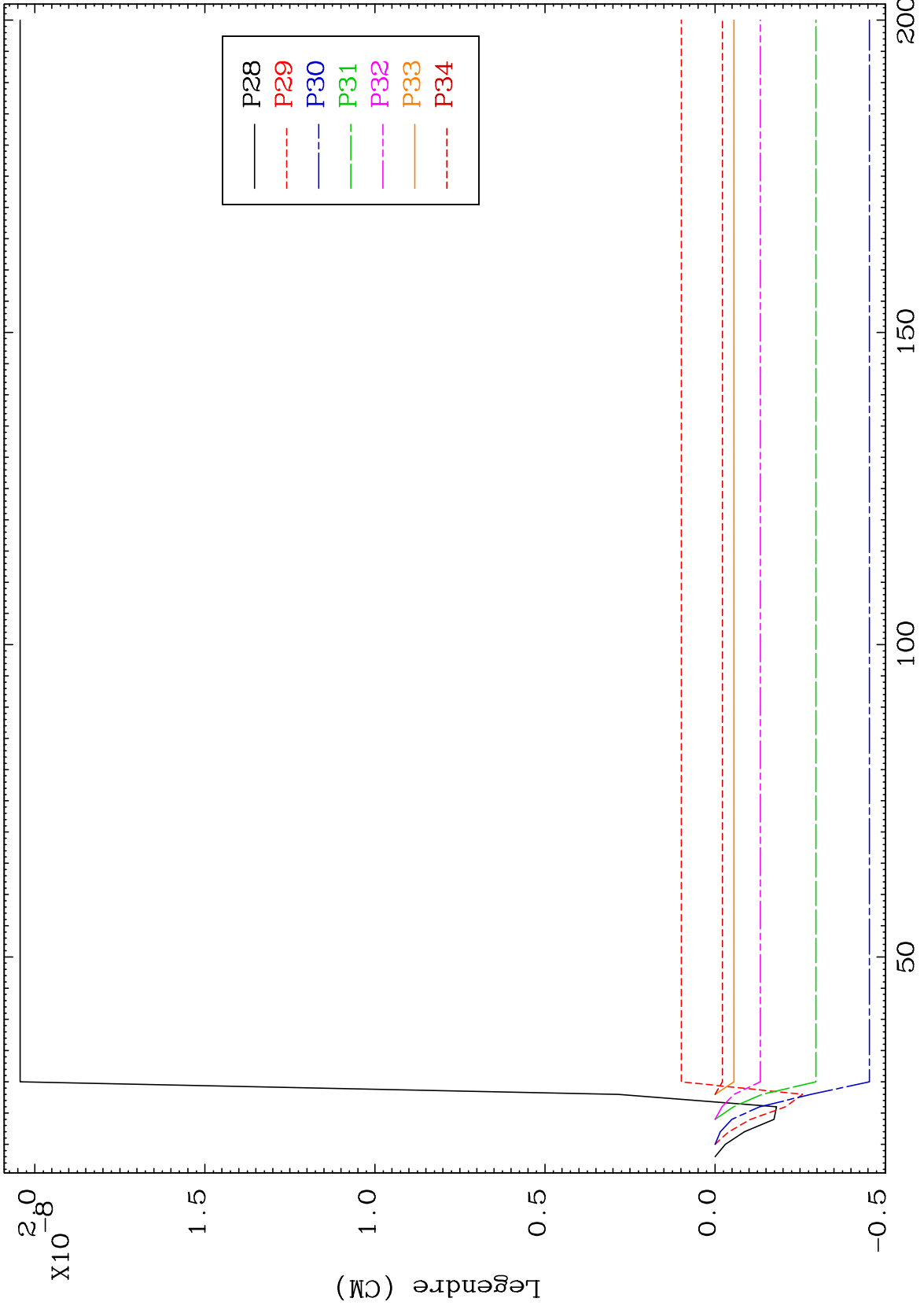
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



92

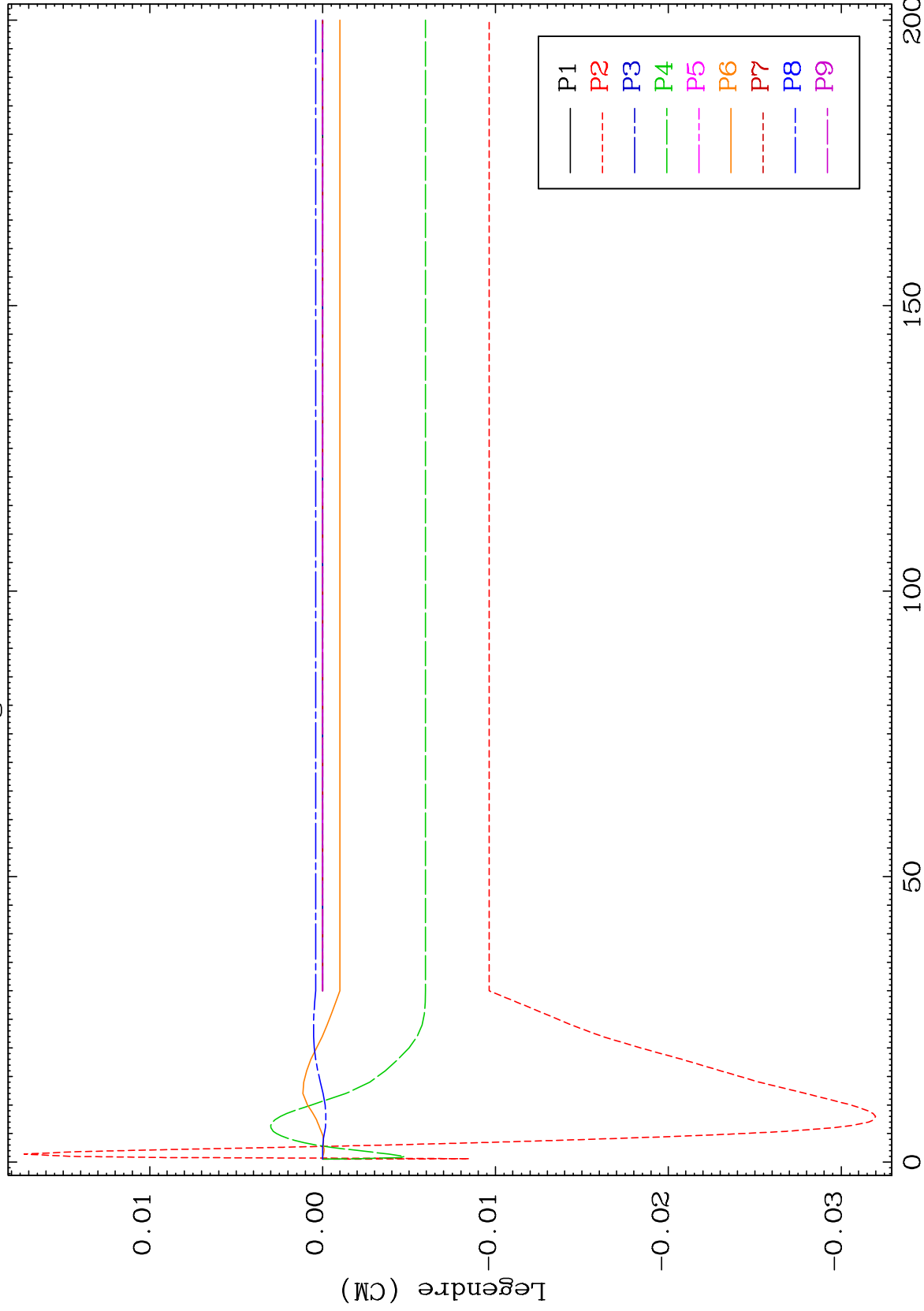
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



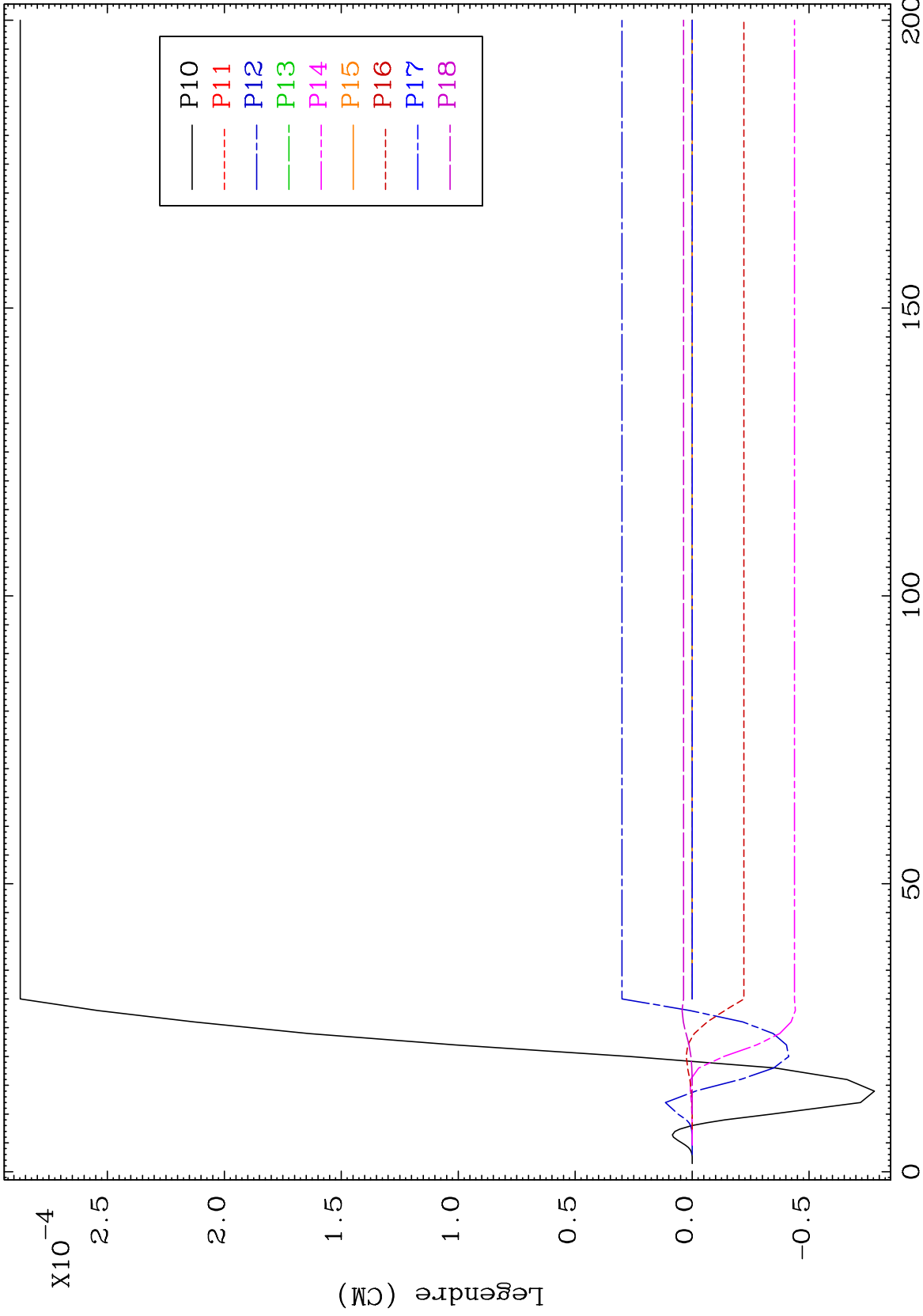
93

63-Eu-166

MAT 6370

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

63-Eu-166



94

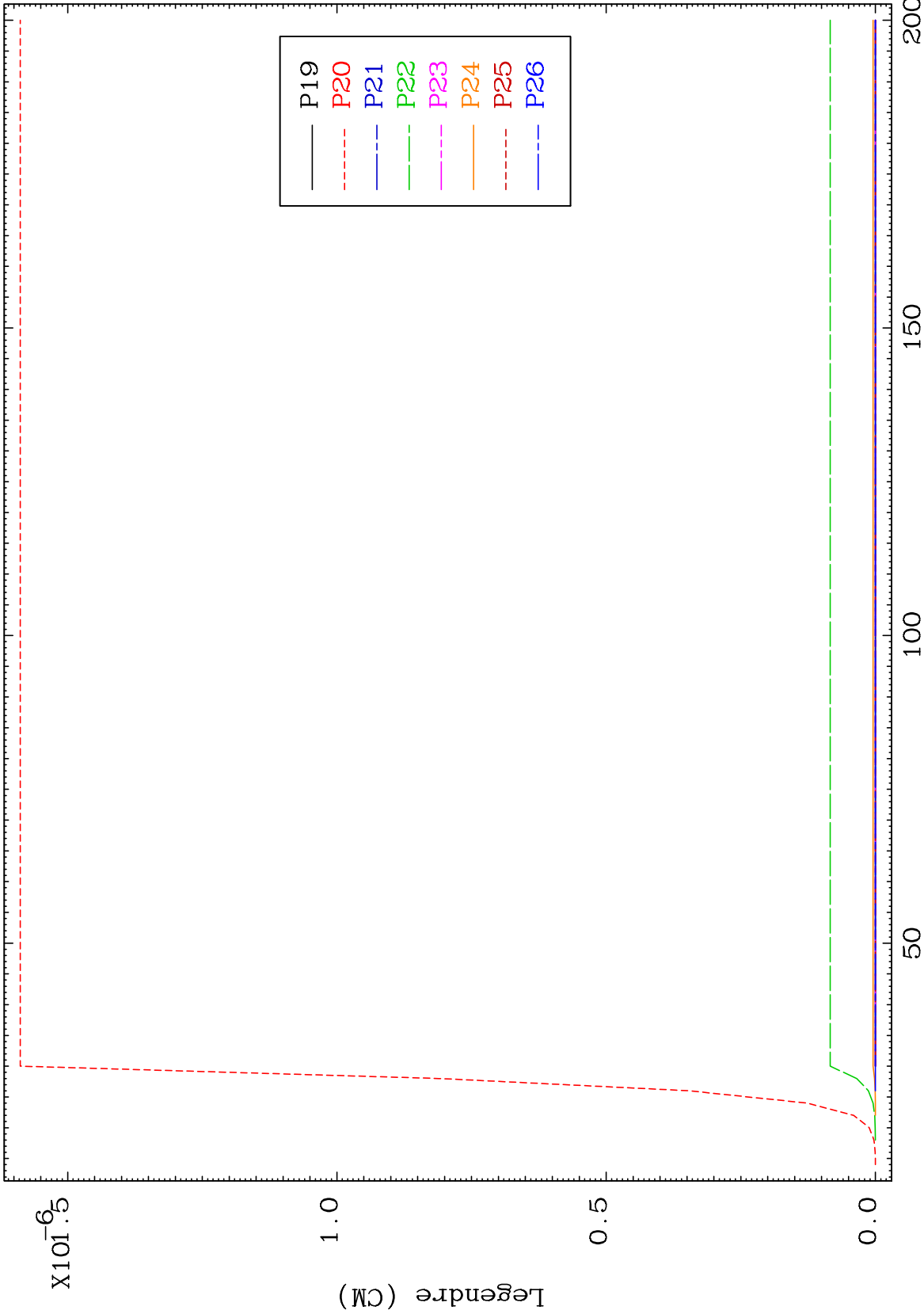
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



95

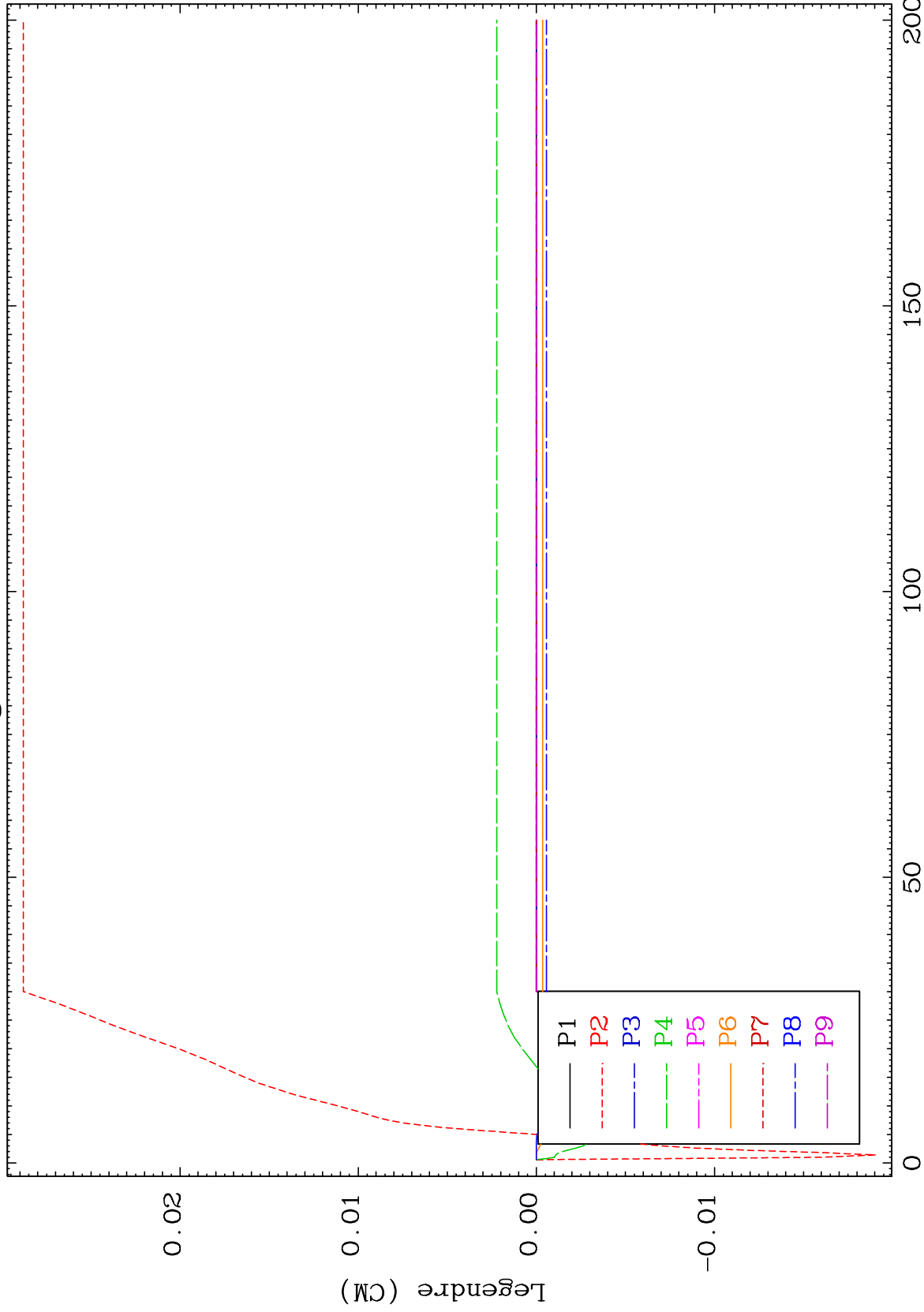
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



96

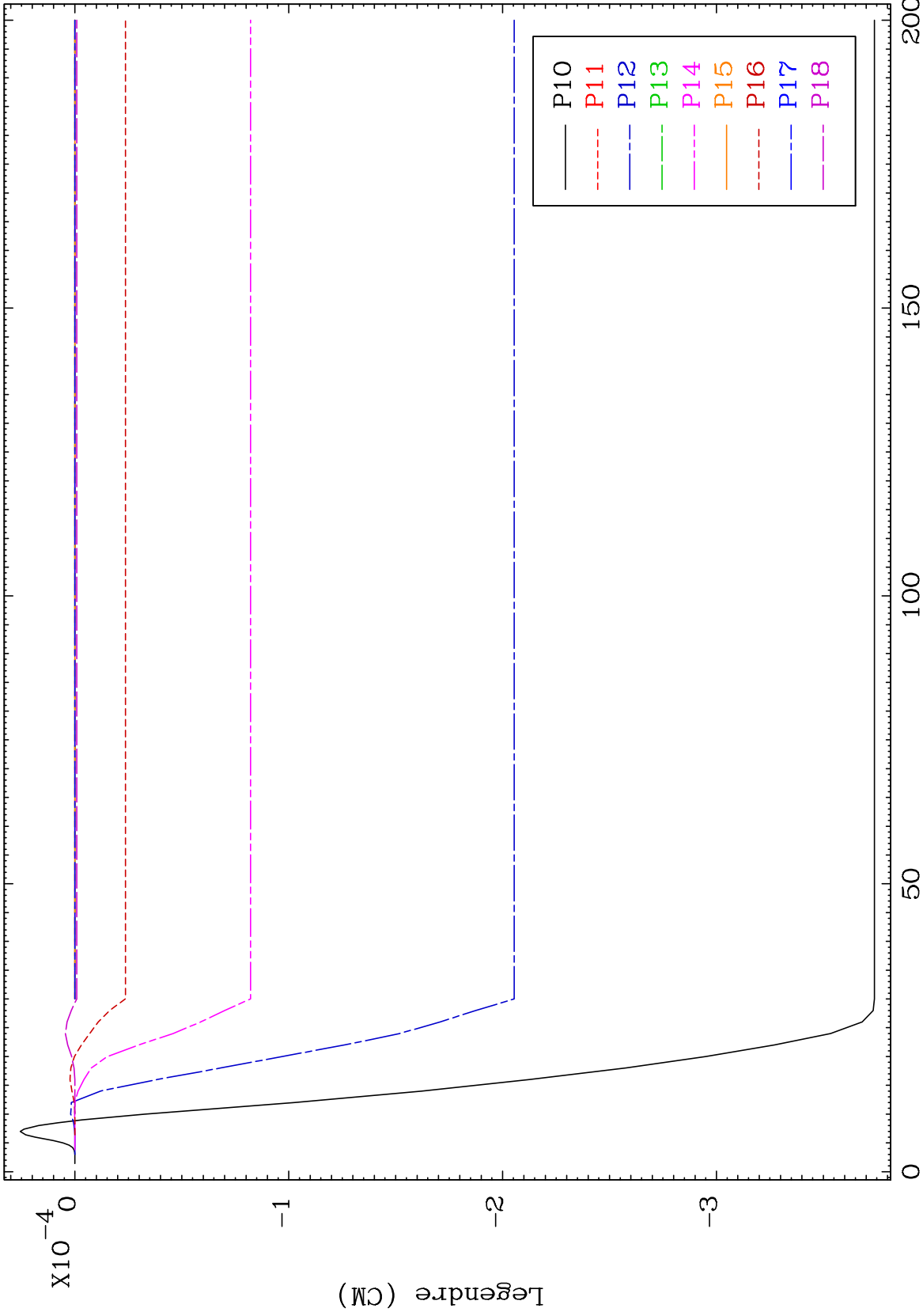
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



97

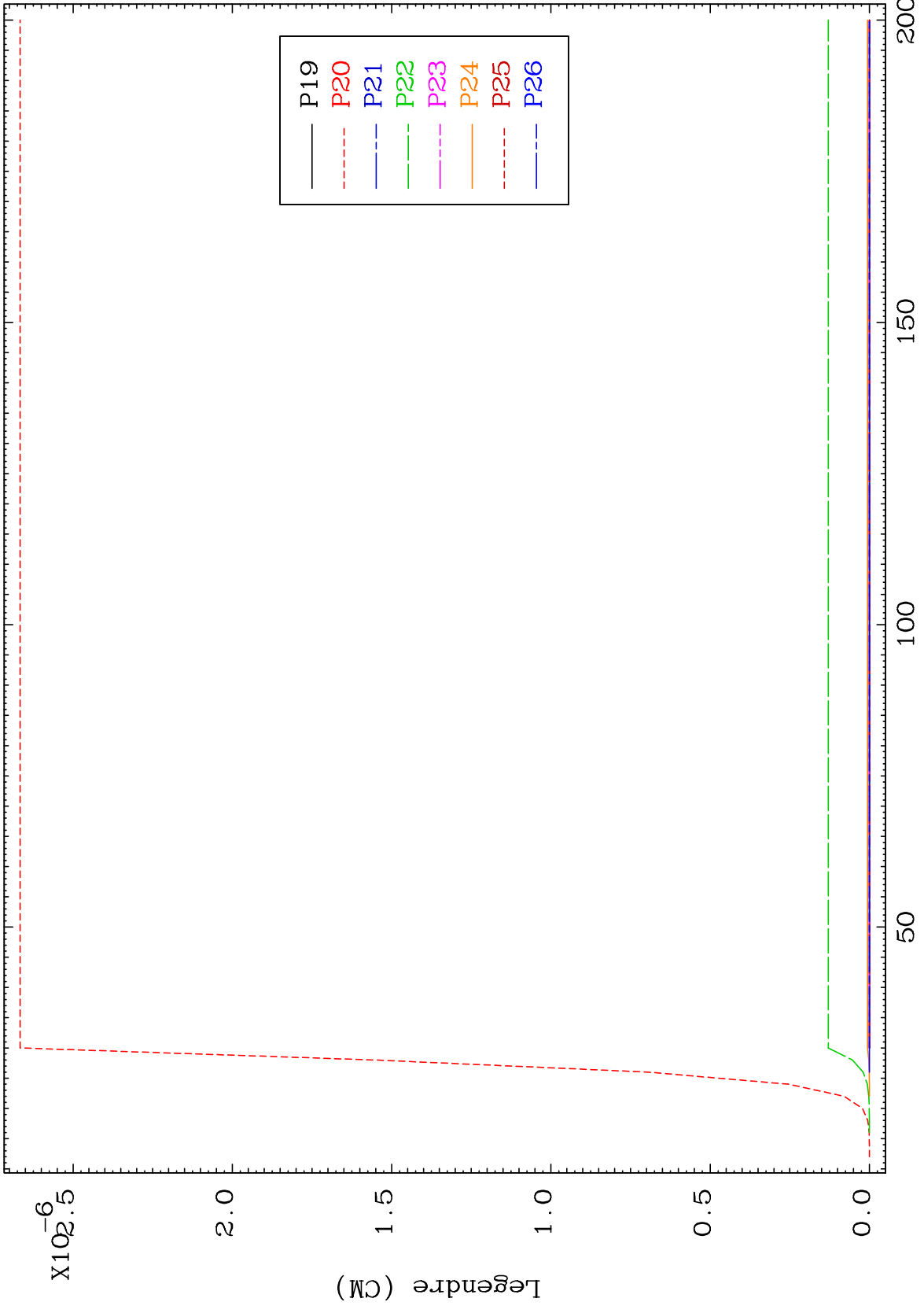
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



98

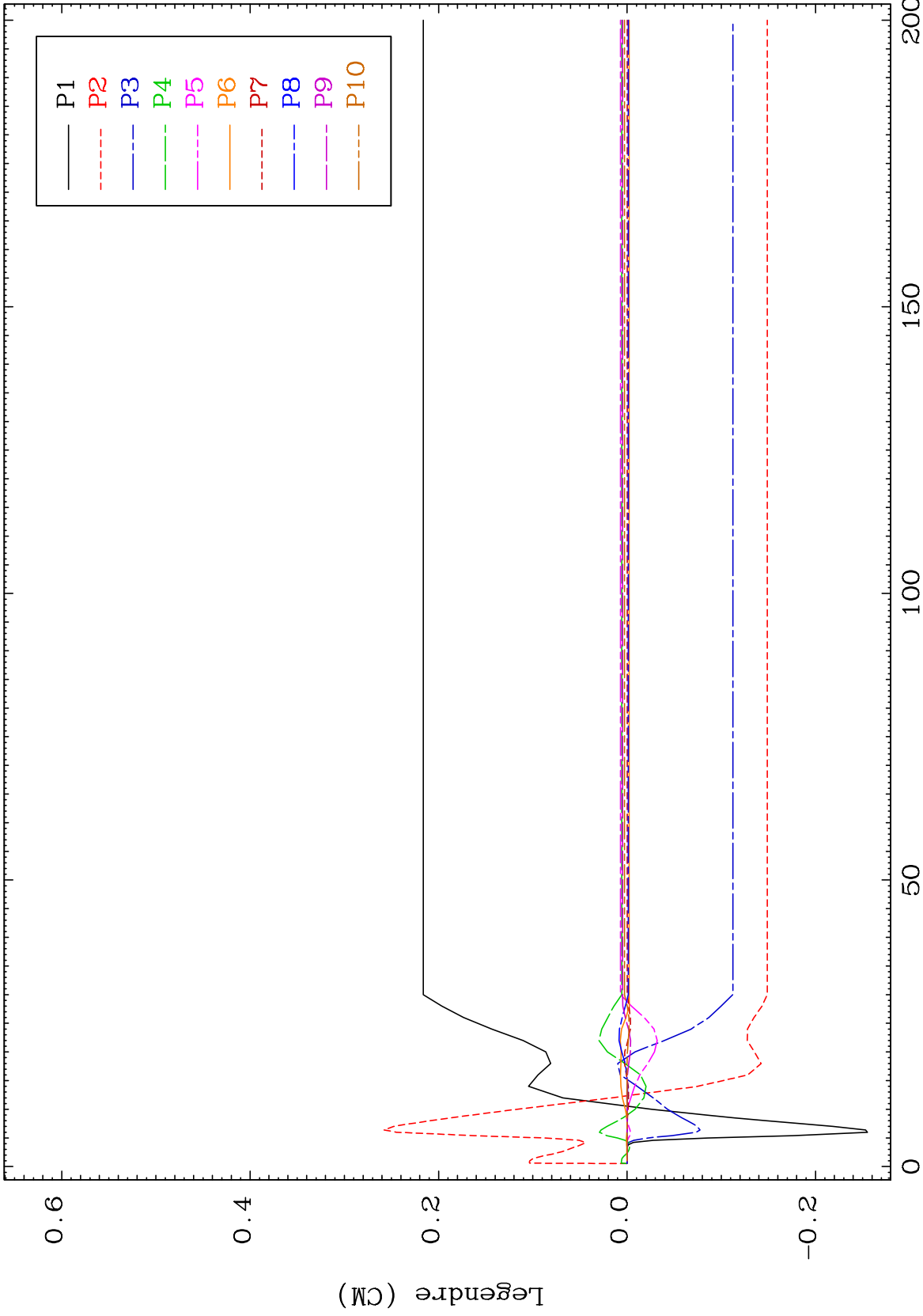
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



99

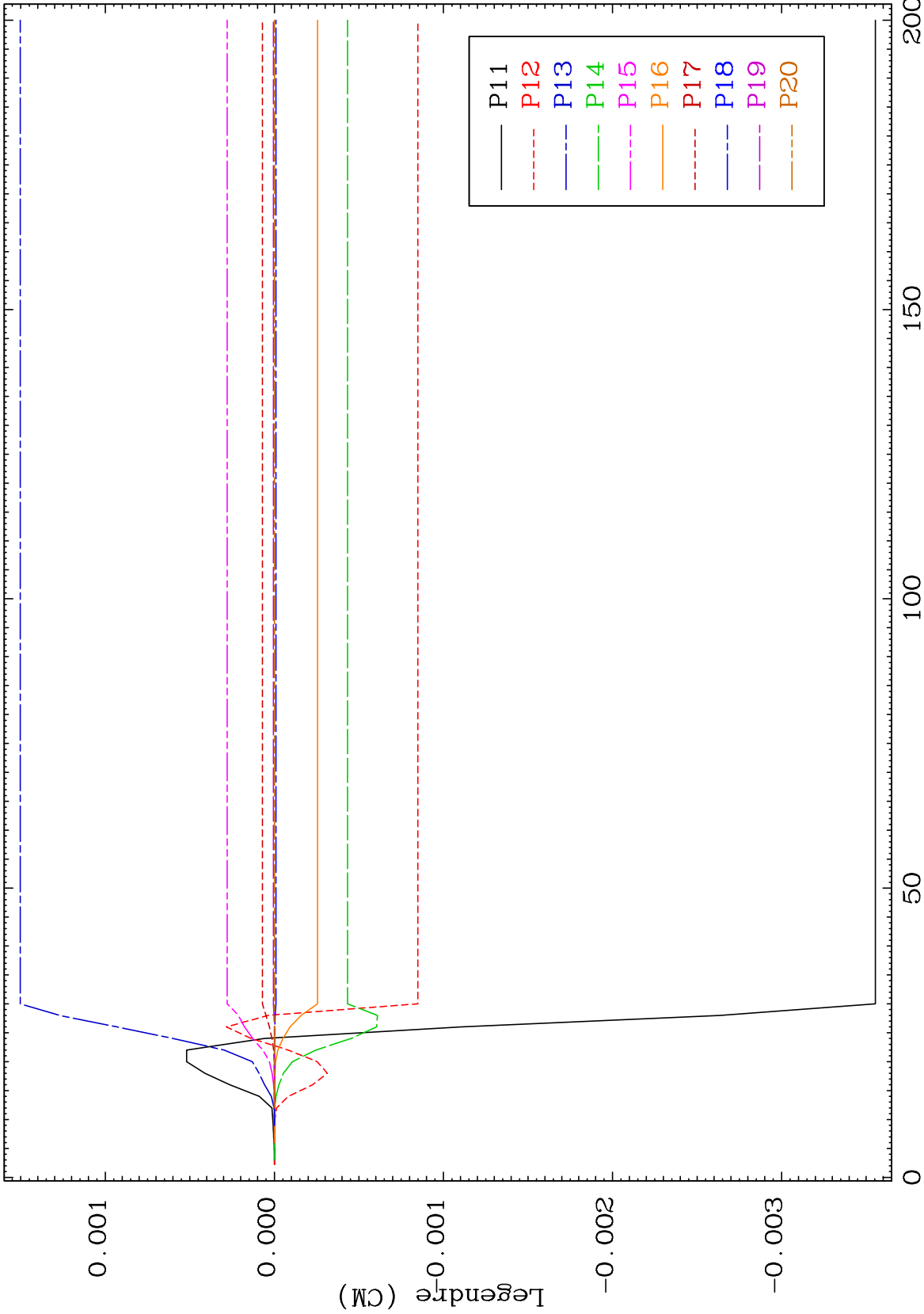
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



100

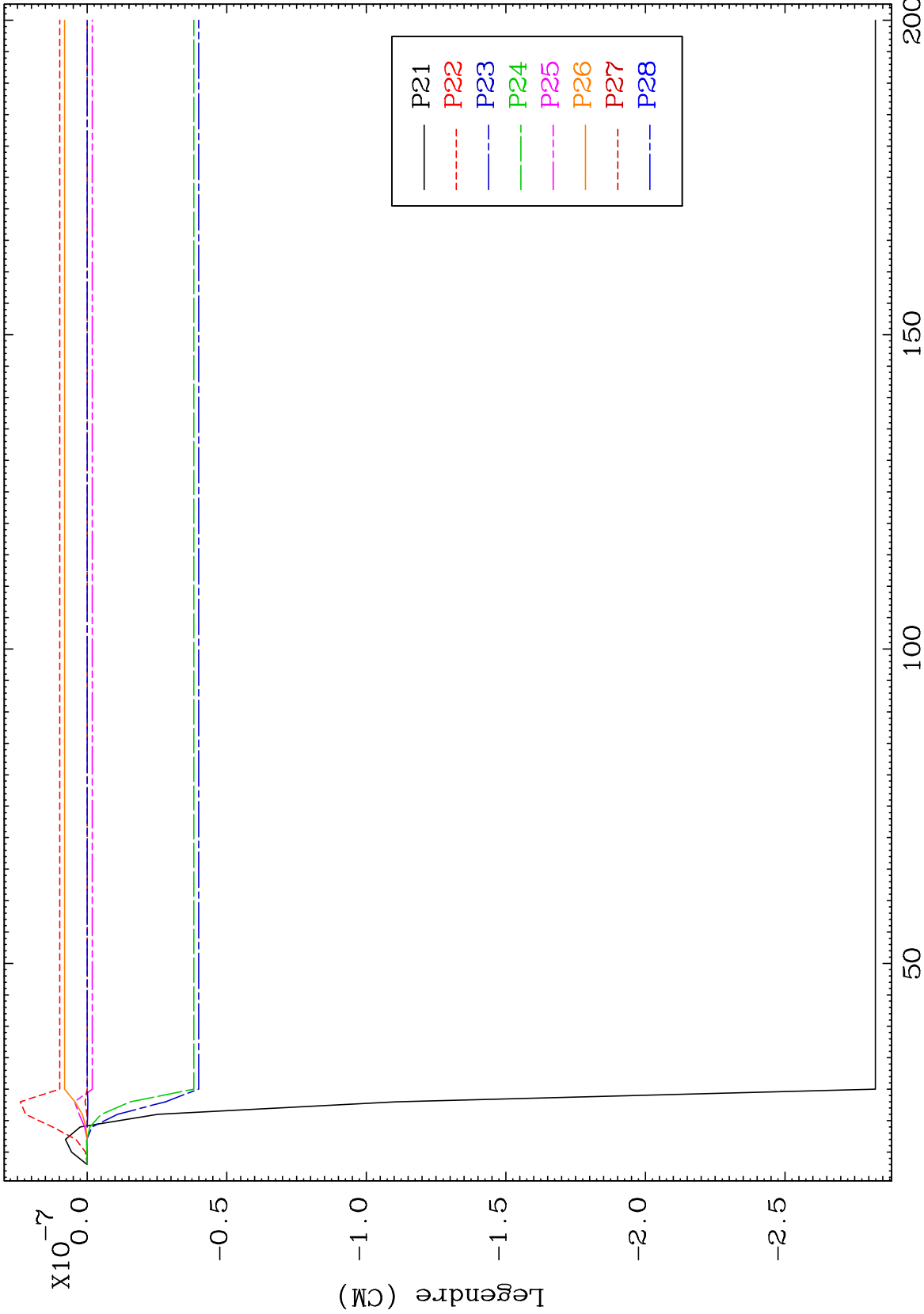
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



101

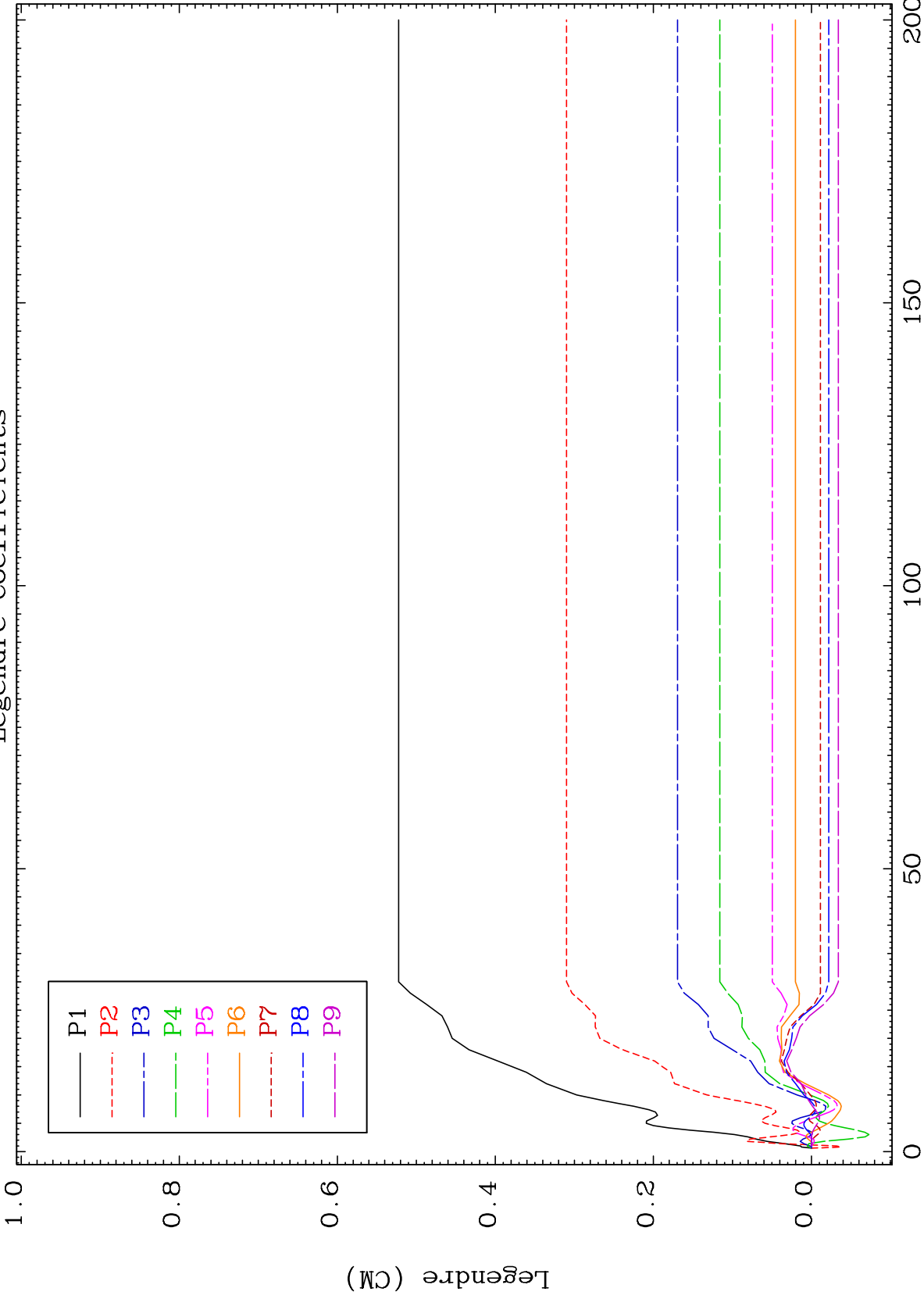
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



102

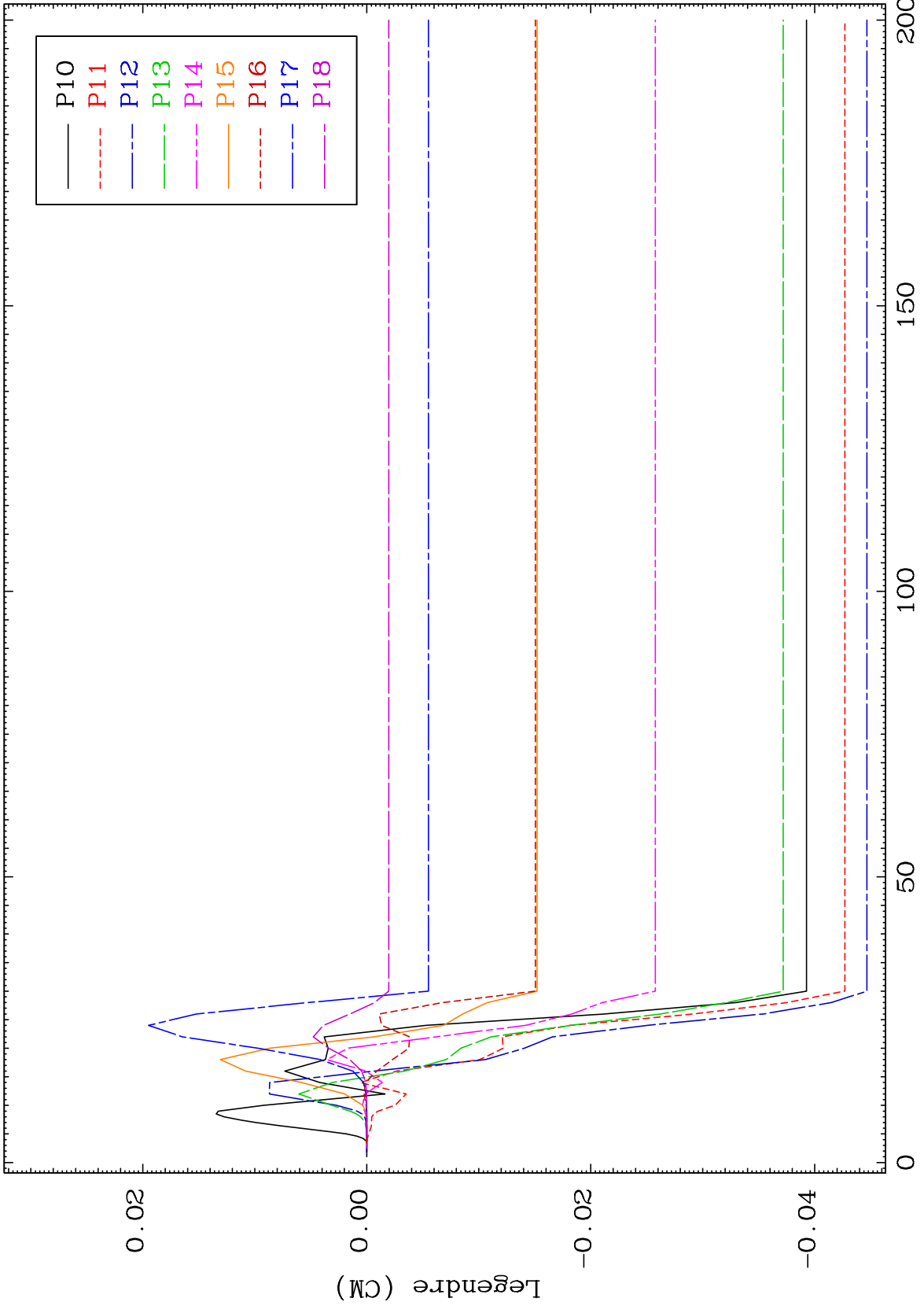
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



103

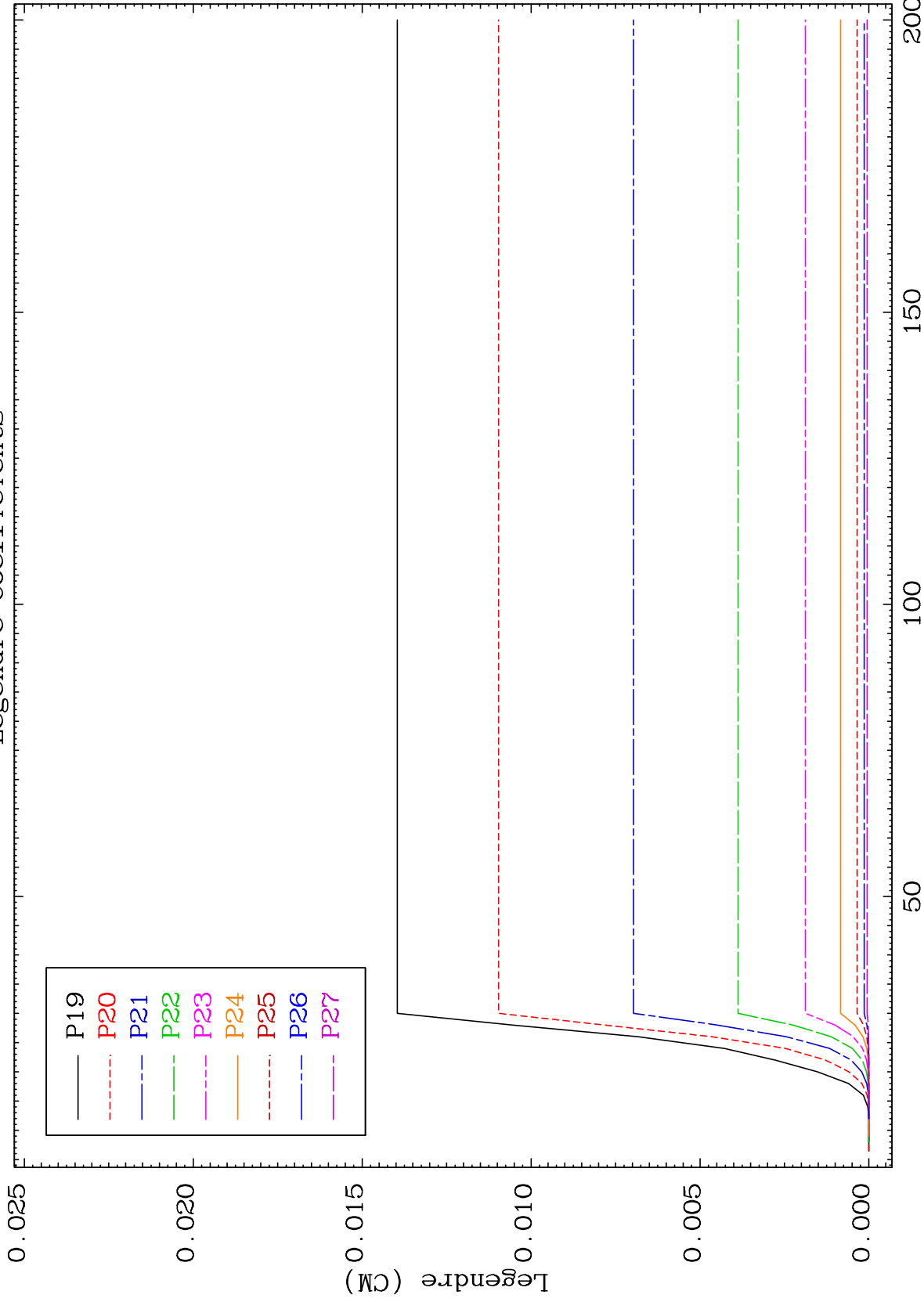
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166

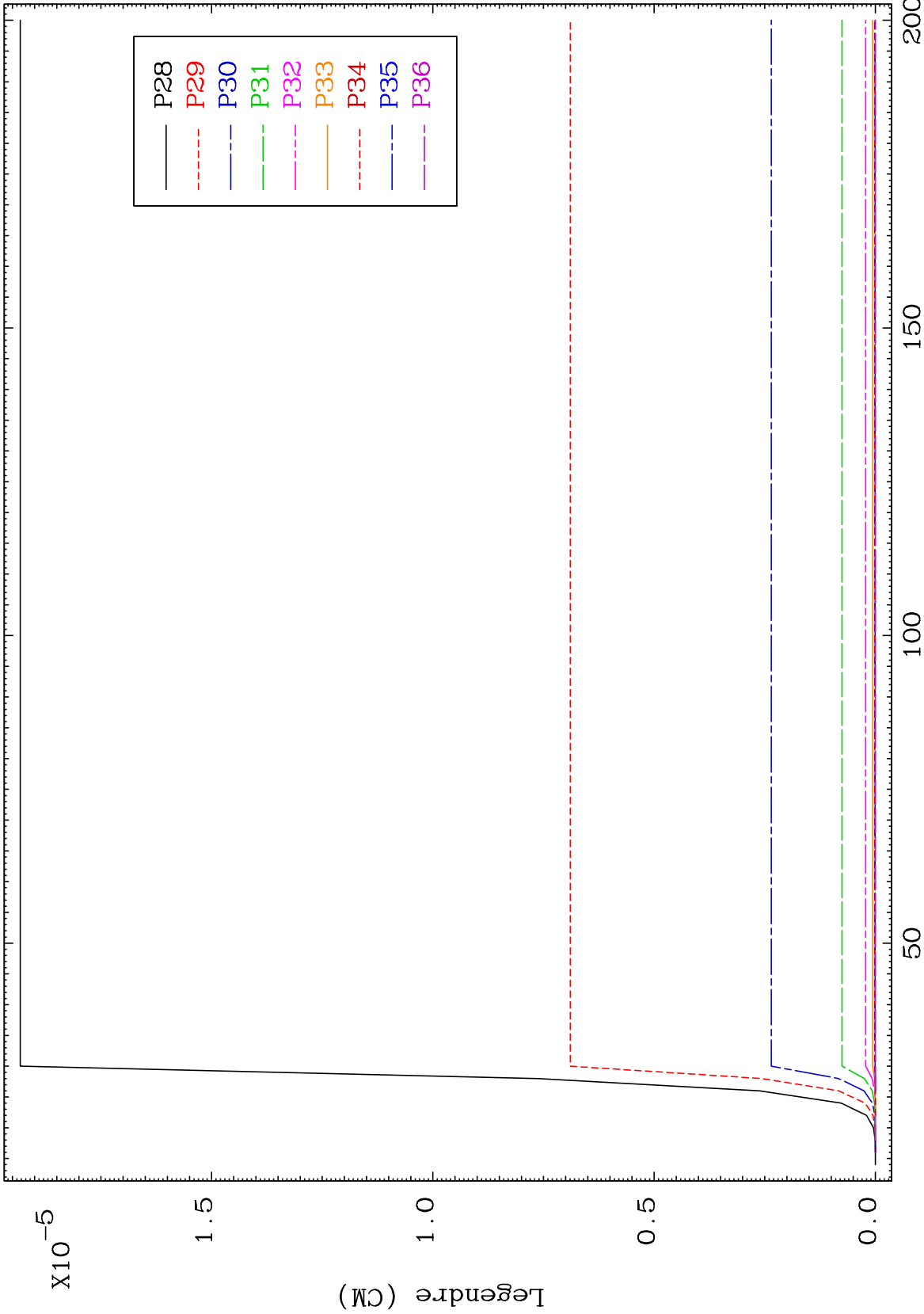


104

MAT 6370

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

63-Eu-166



105

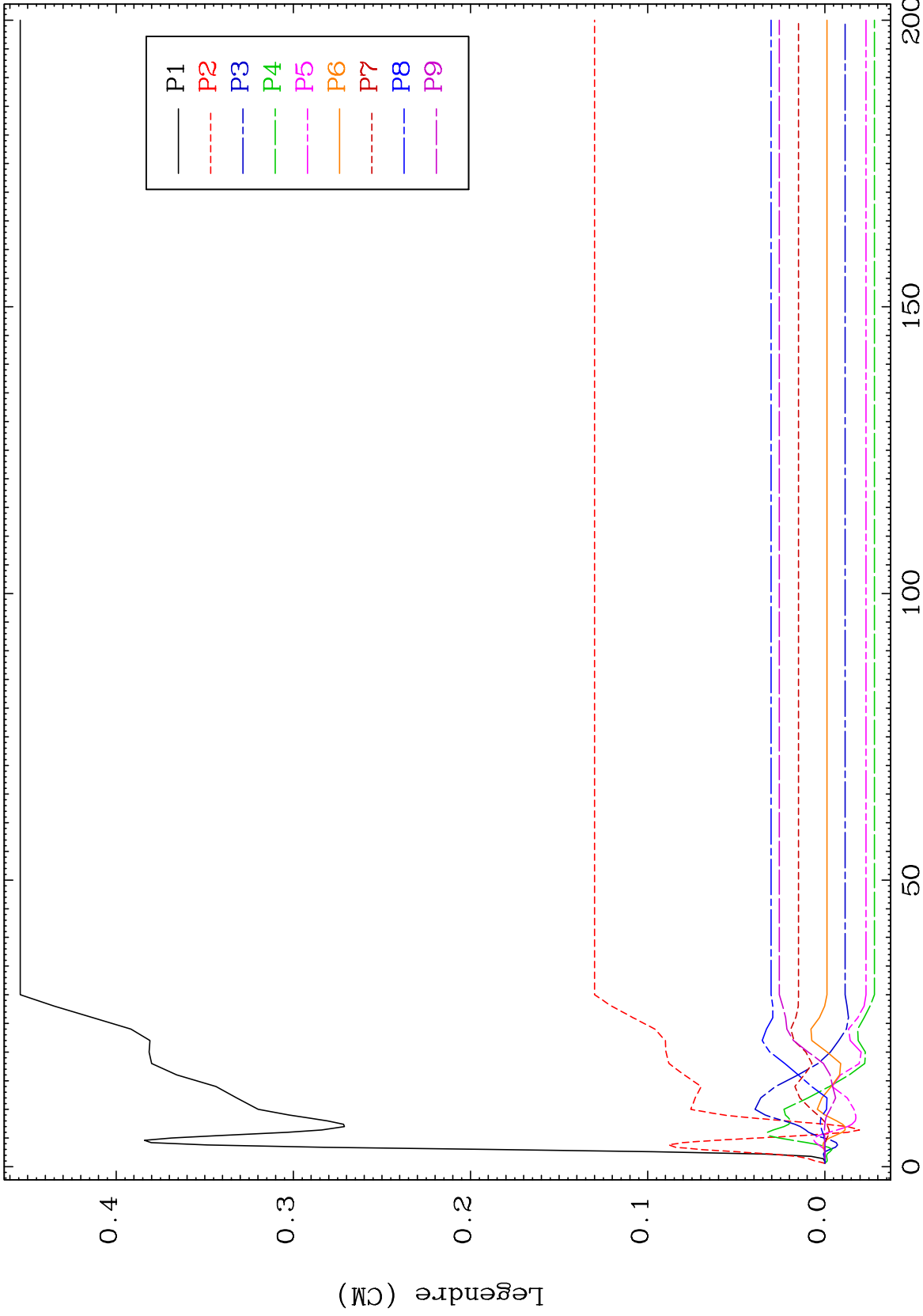
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



106

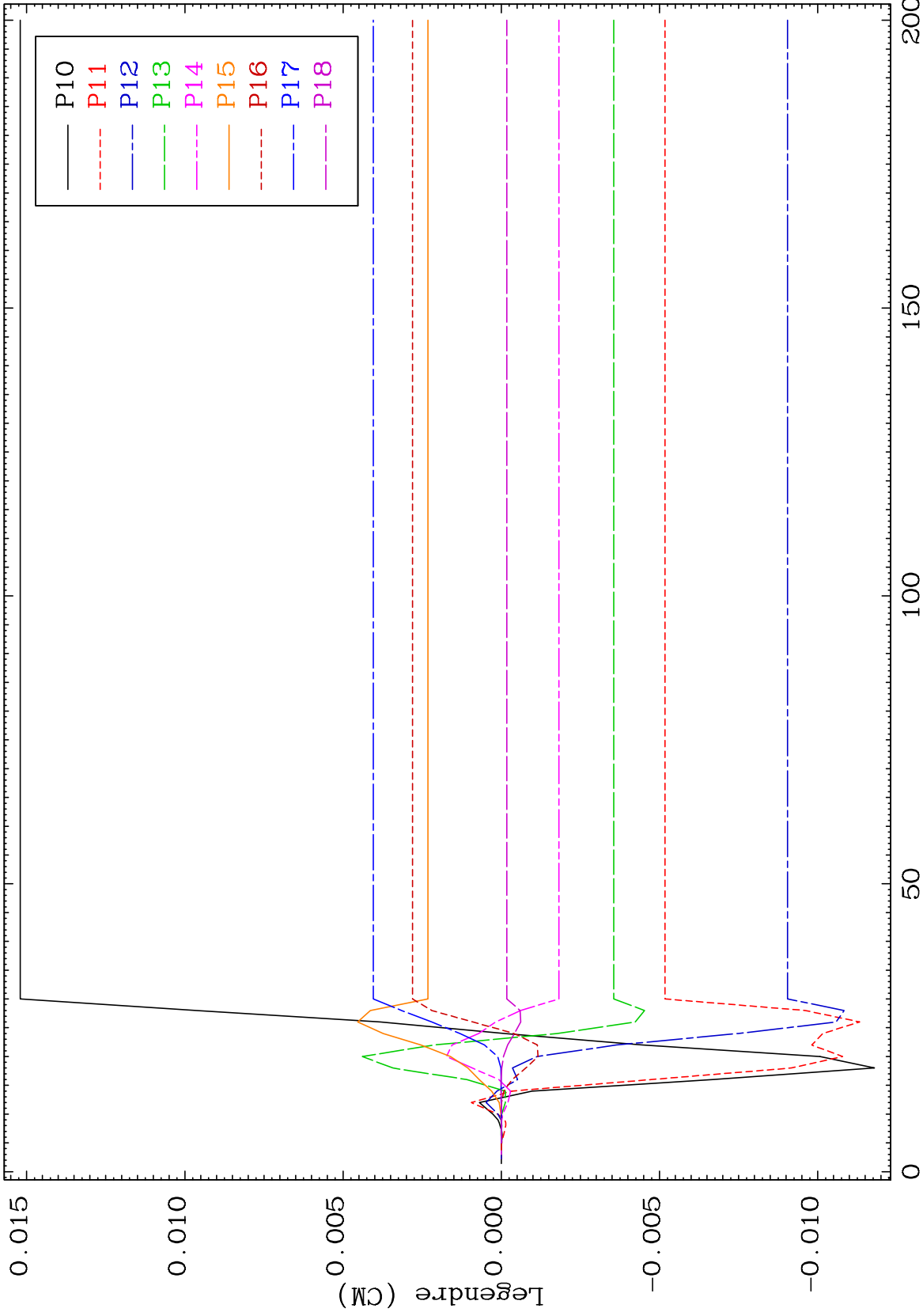
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

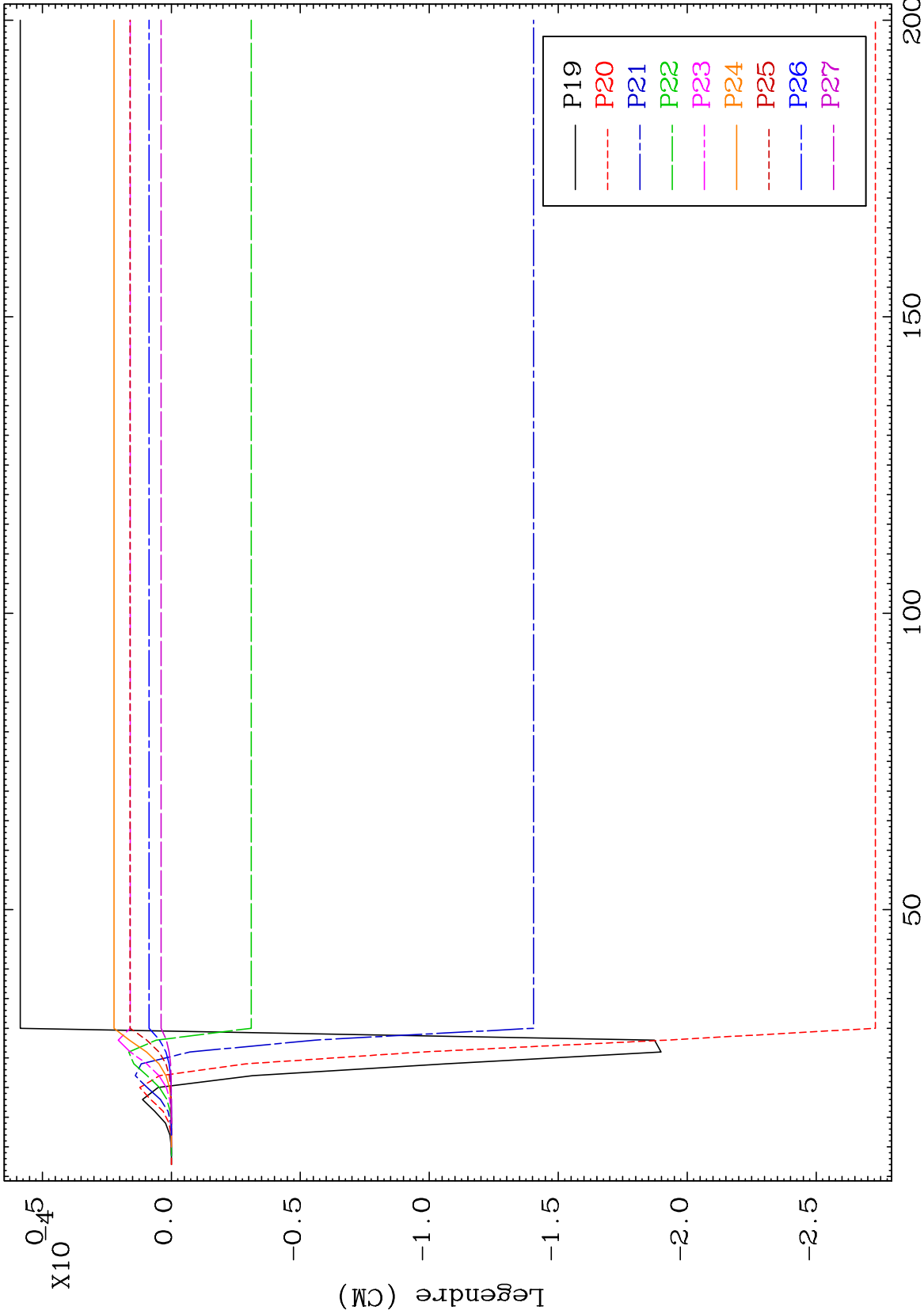
63-Eu-166



107

Incident Energy (MeV)

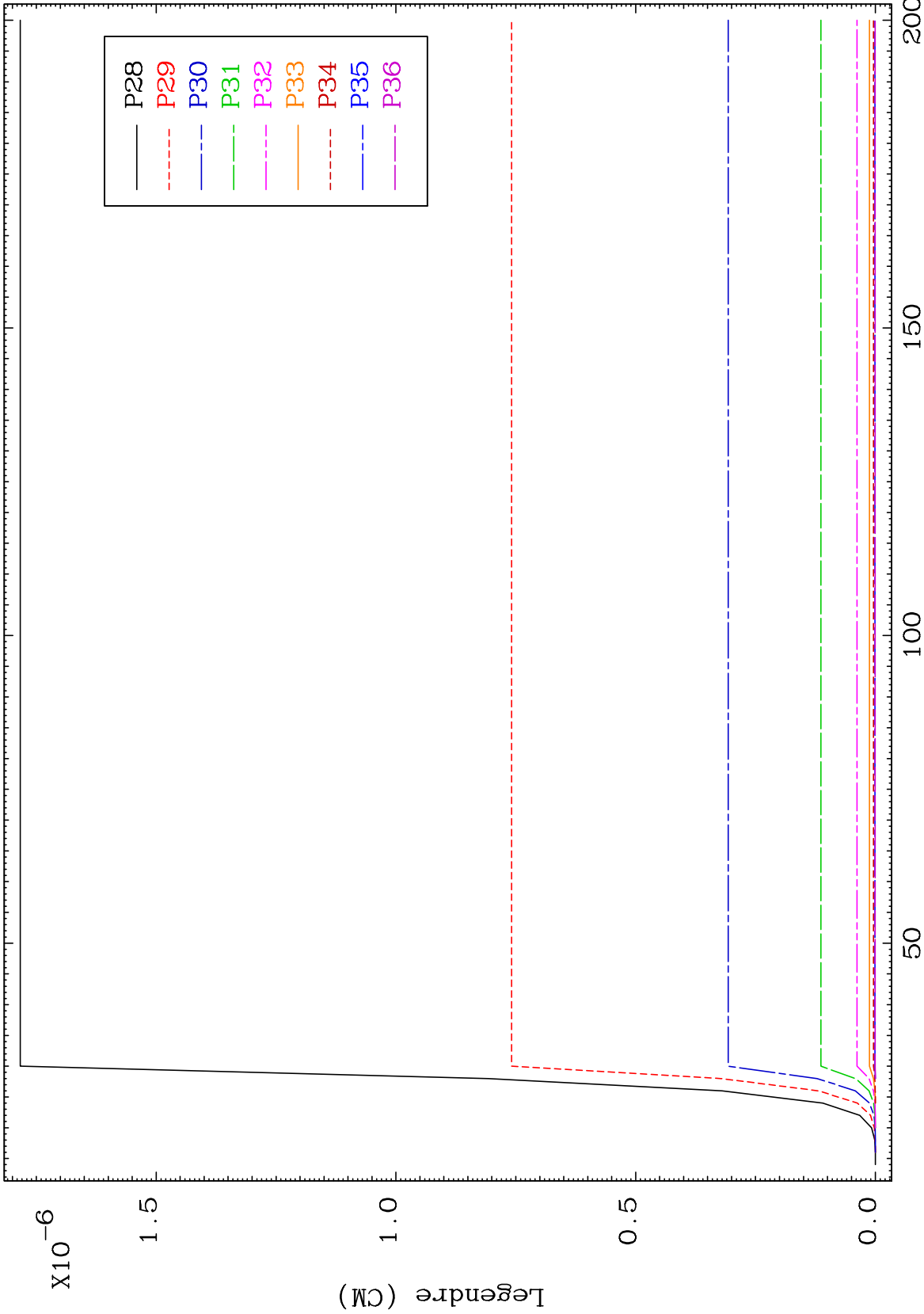
63-Eu-166



MAT 6370

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

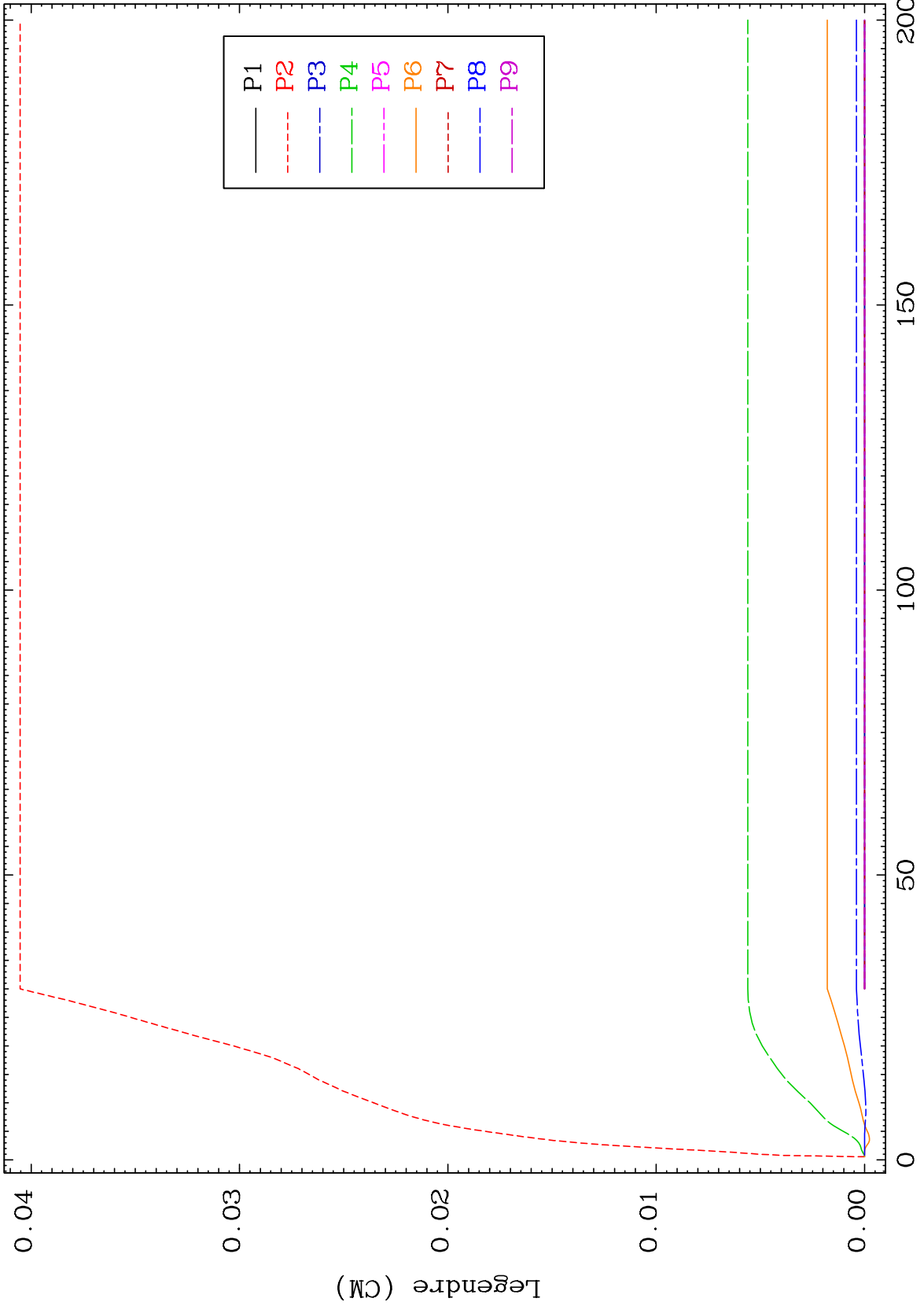
63-Eu-166



109

63-Eu-166

MAT 6370 MT= 76 (n,n') Level Legendre Coefficients 63-Eu-166

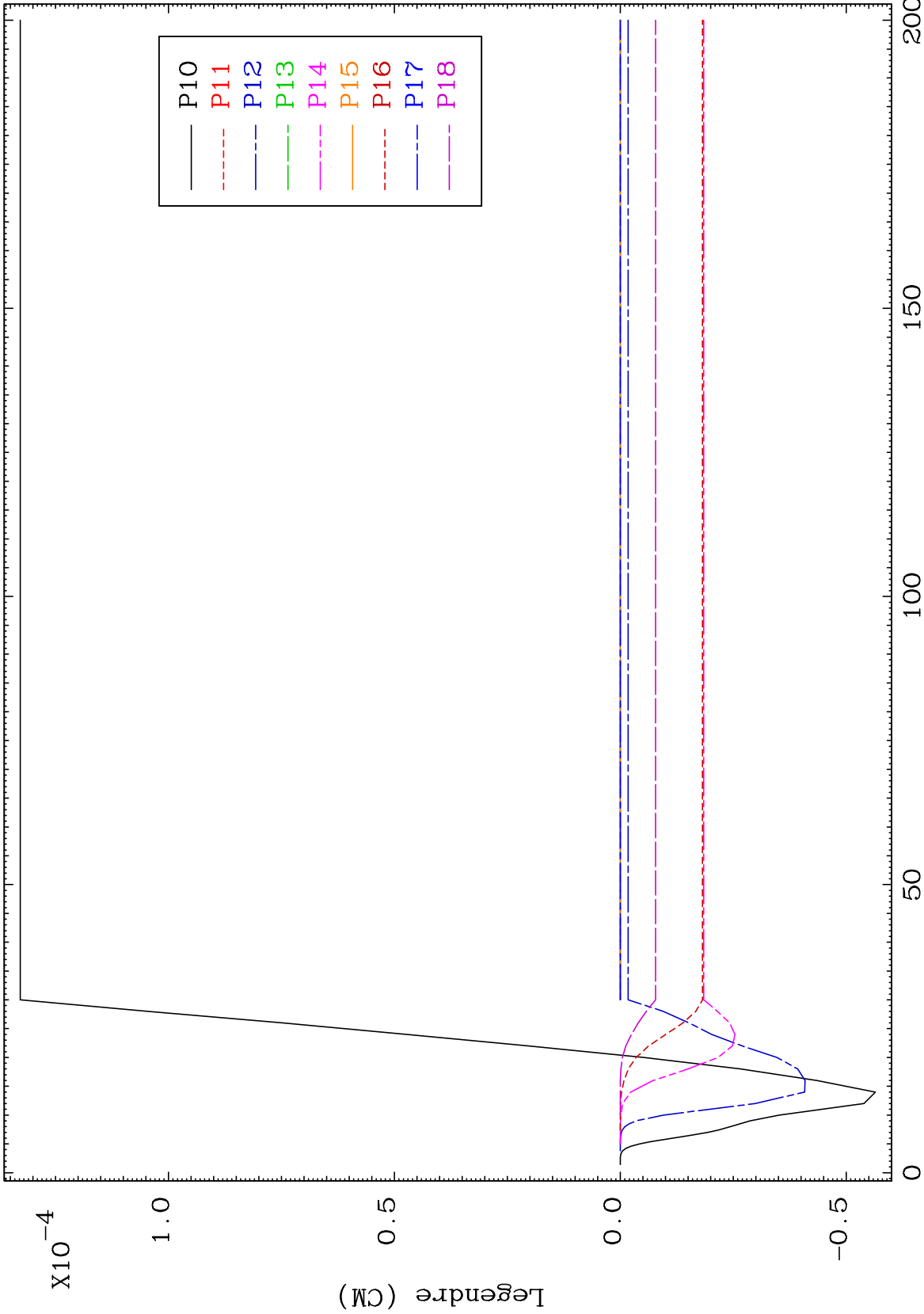


110 Incident Energy (MeV) 63-Eu-166

MAT 6370

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

63-Eu-166



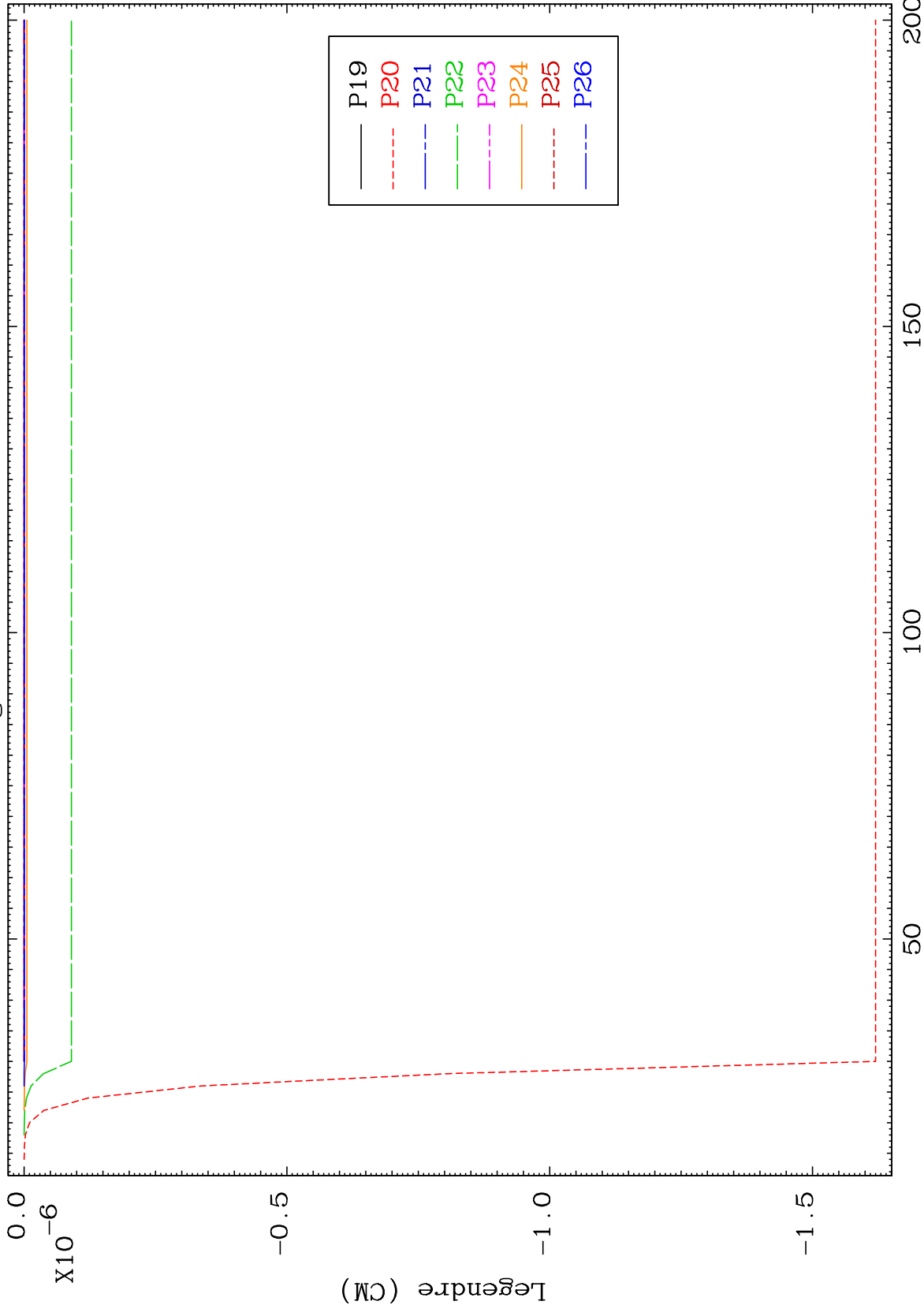
111

63-Eu-166

MAT 6370

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

63-Eu-166



63-Eu-166

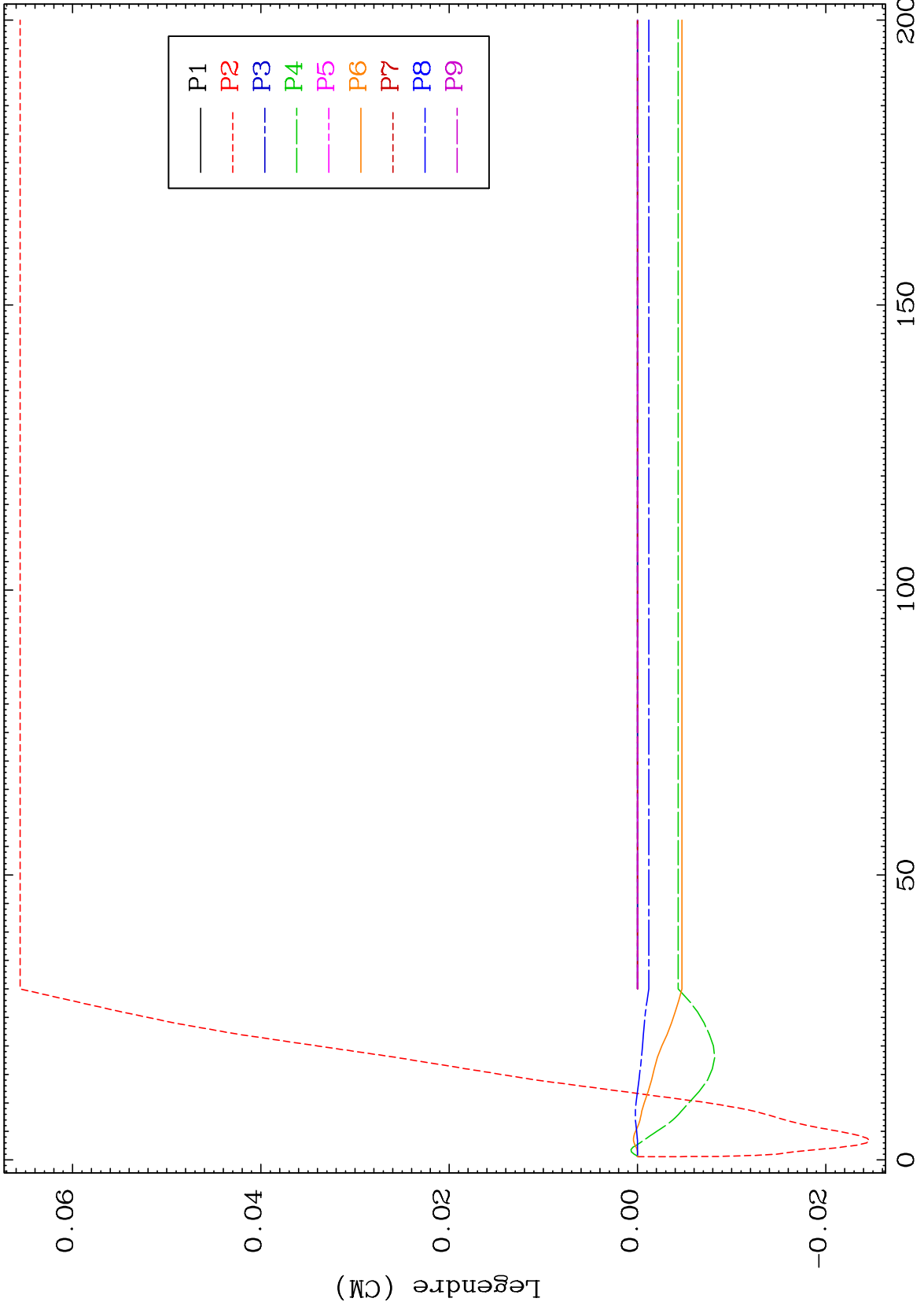
Incident Energy (MeV)

112

MAT 6370

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

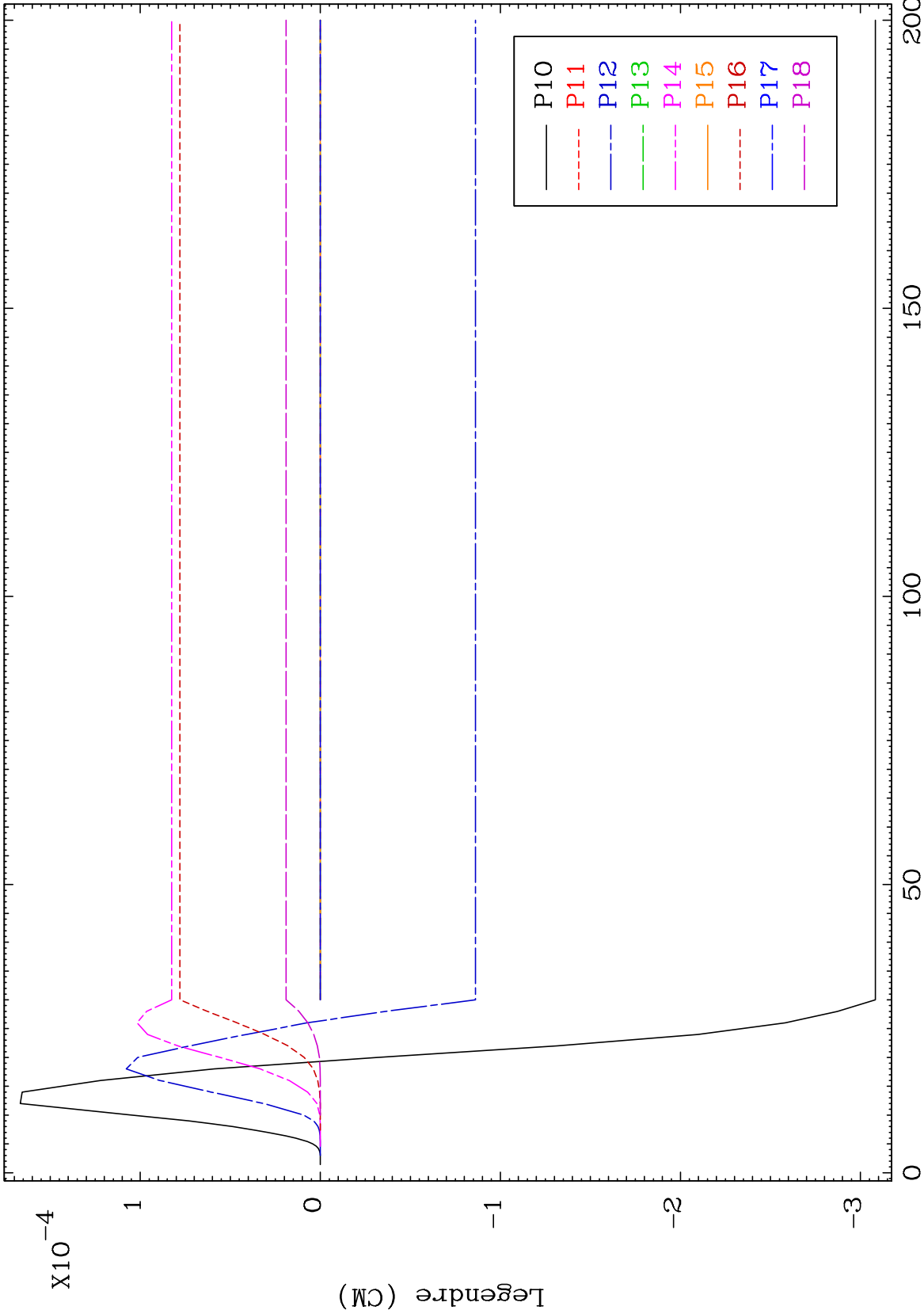
63-Eu-166



113

Incident Energy (MeV)

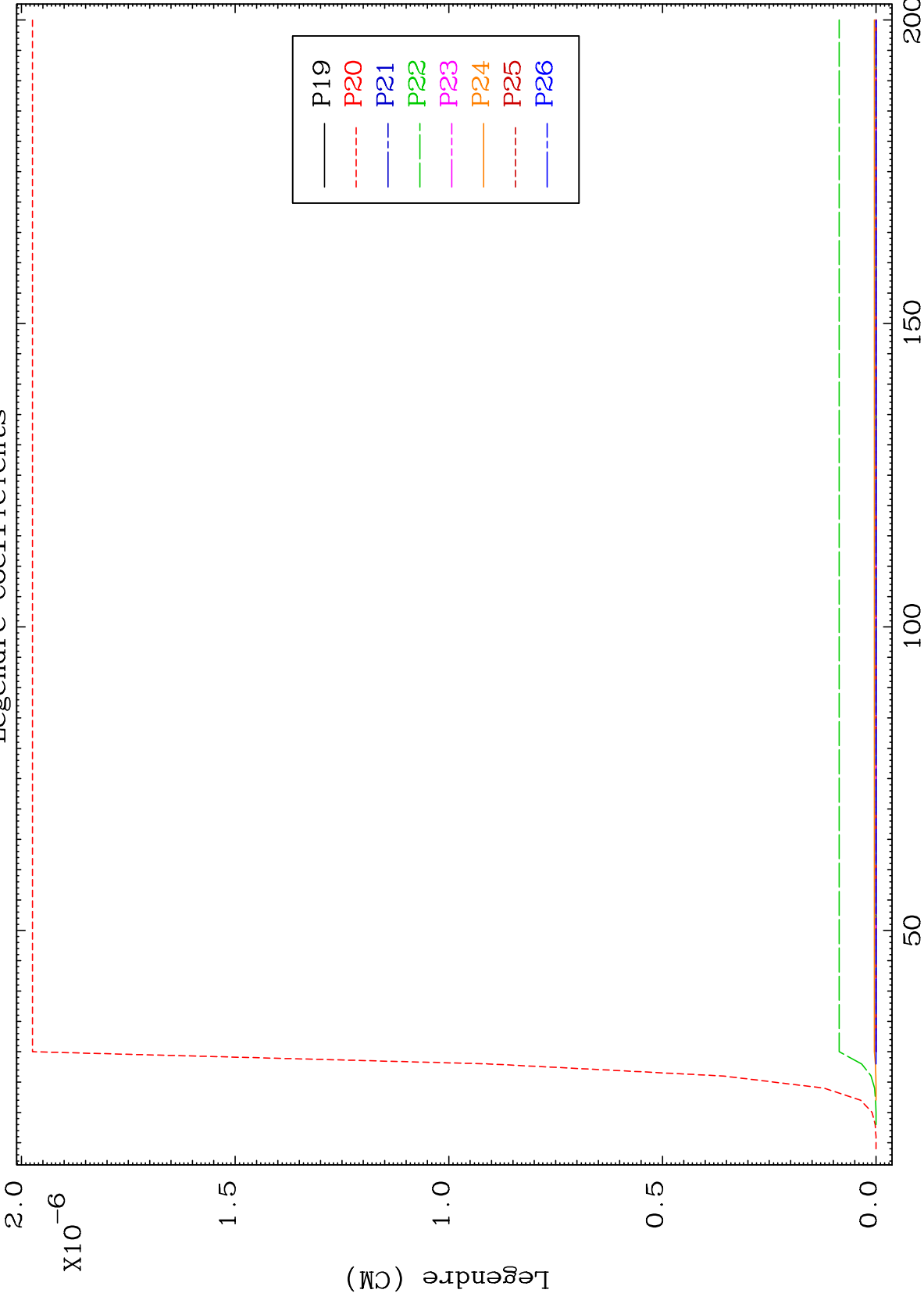
63-Eu-166



MAT 6370

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

63-Eu-166

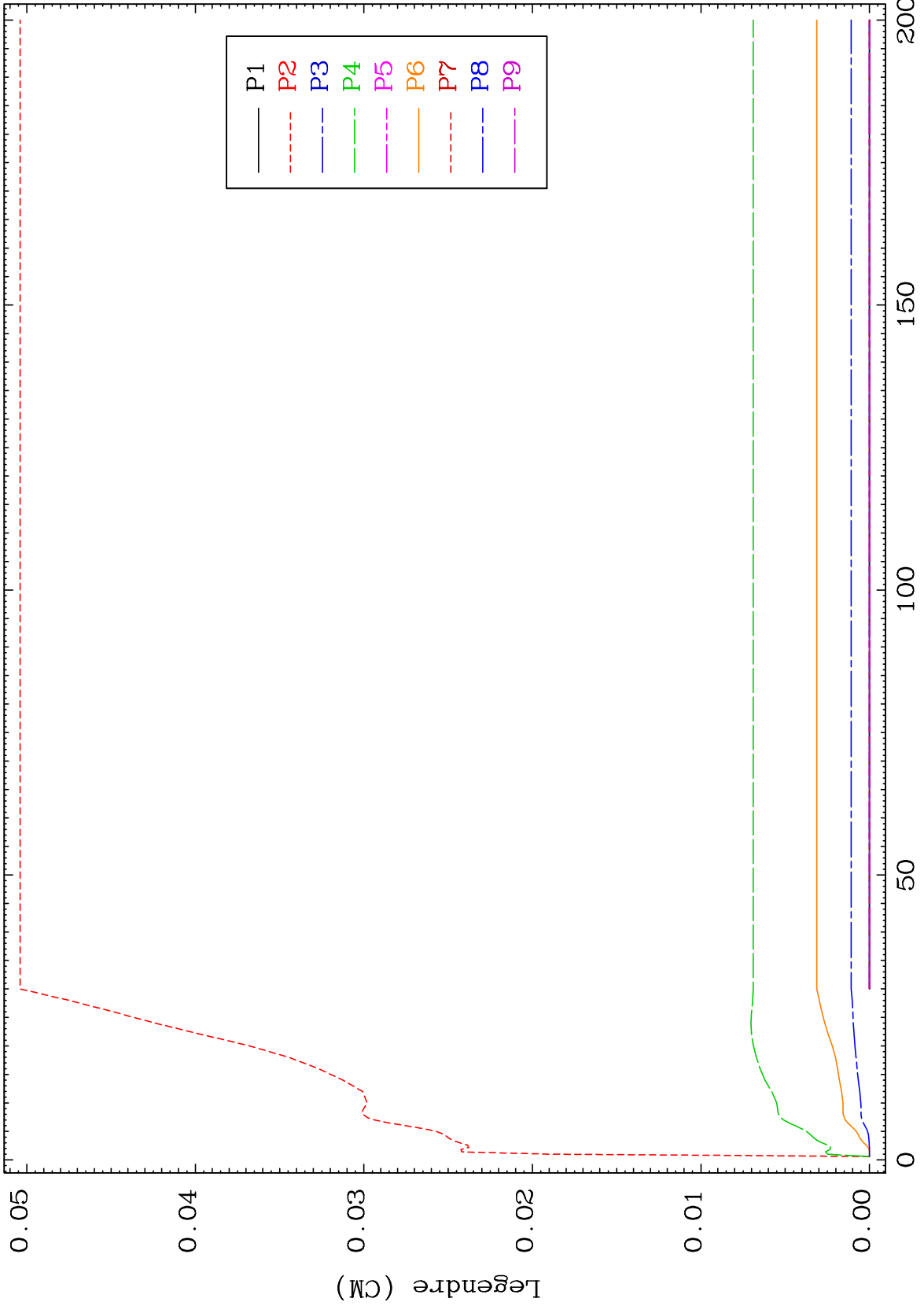


63-Eu-166

Incident Energy (MeV)

115

MAT 6370 MT= 78 (n,n') Level Legendre Coefficients 63-Eu-166

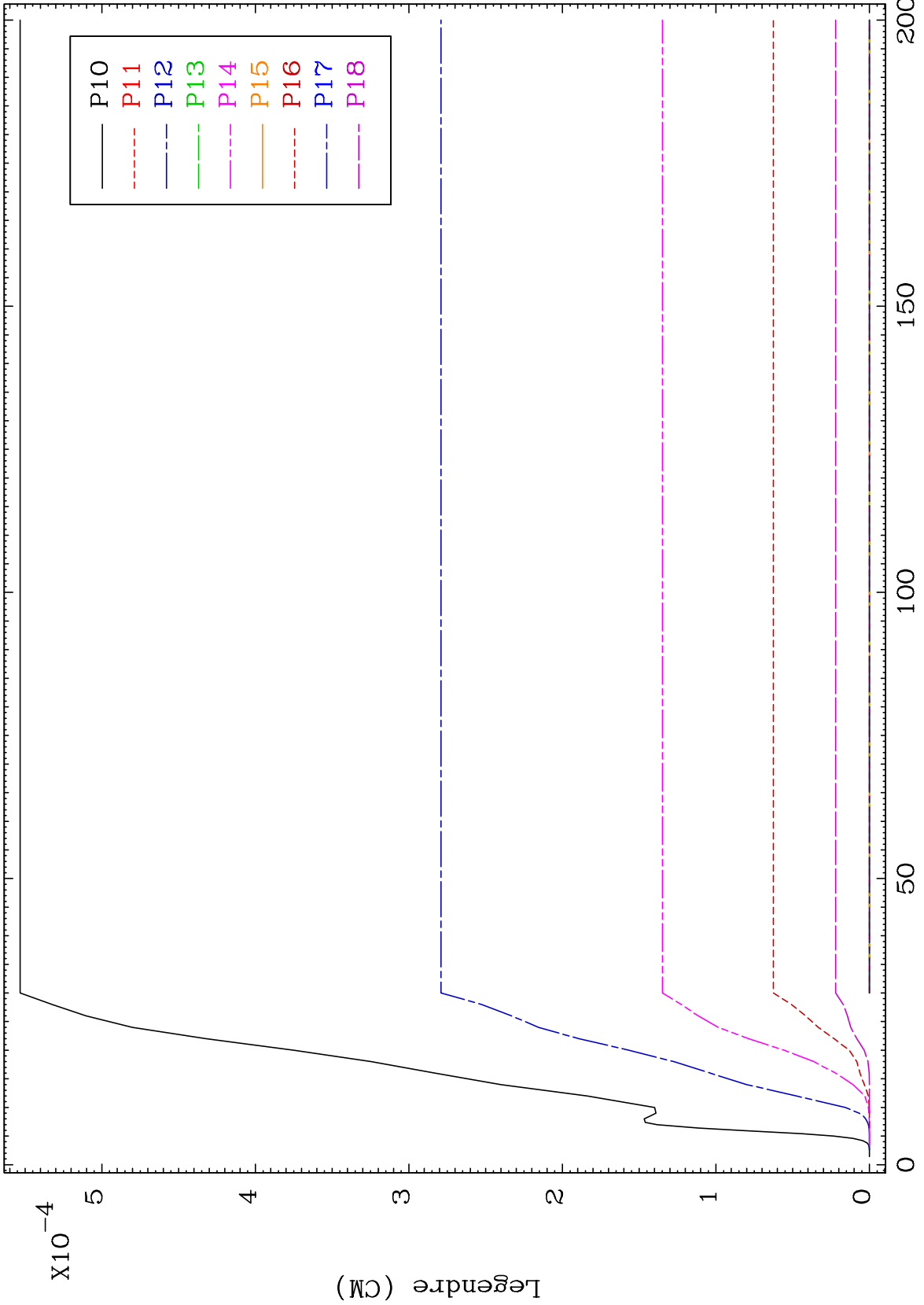


116 63-Eu-166

MAT 6370

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

63-Eu-166



117

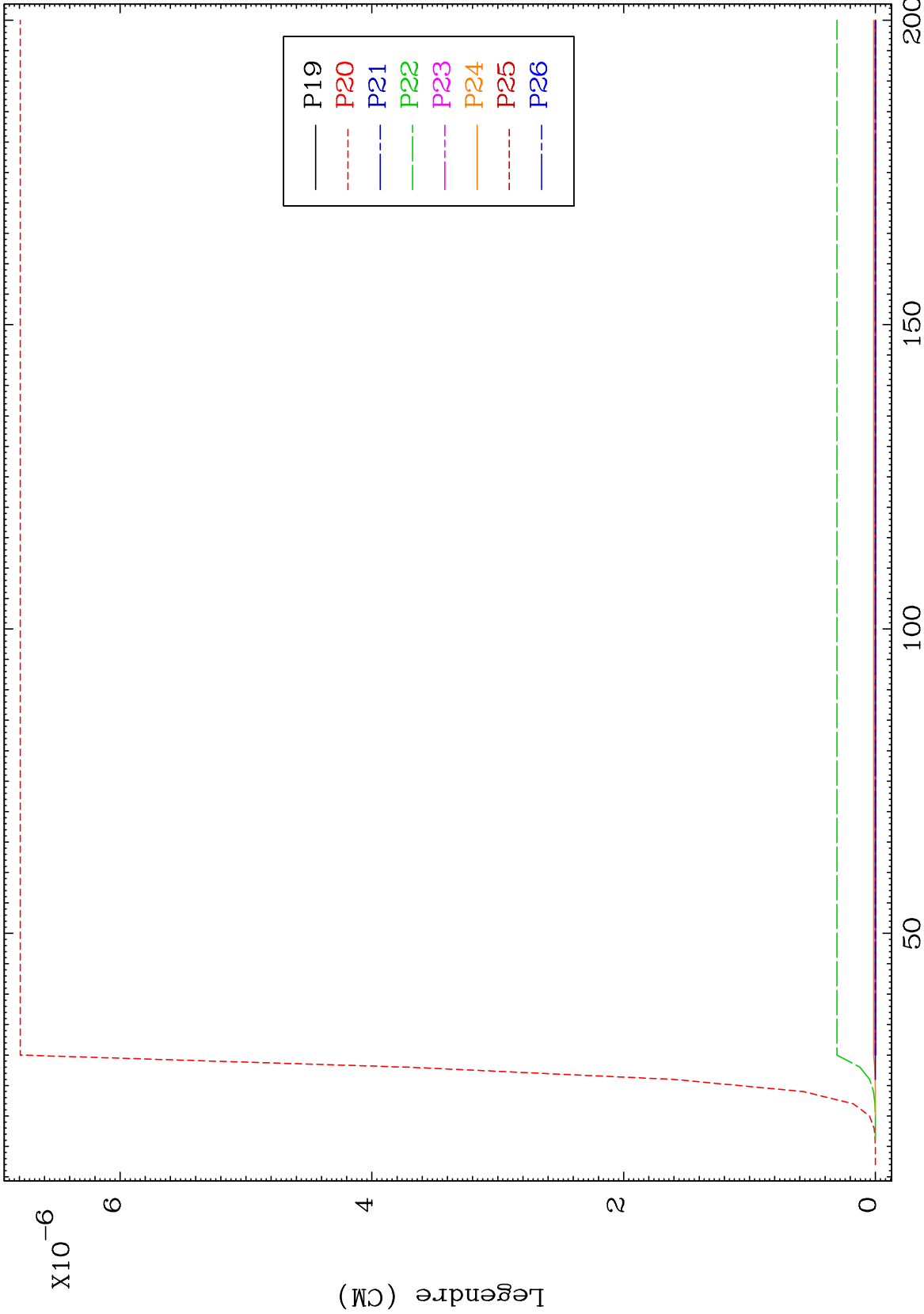
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



118

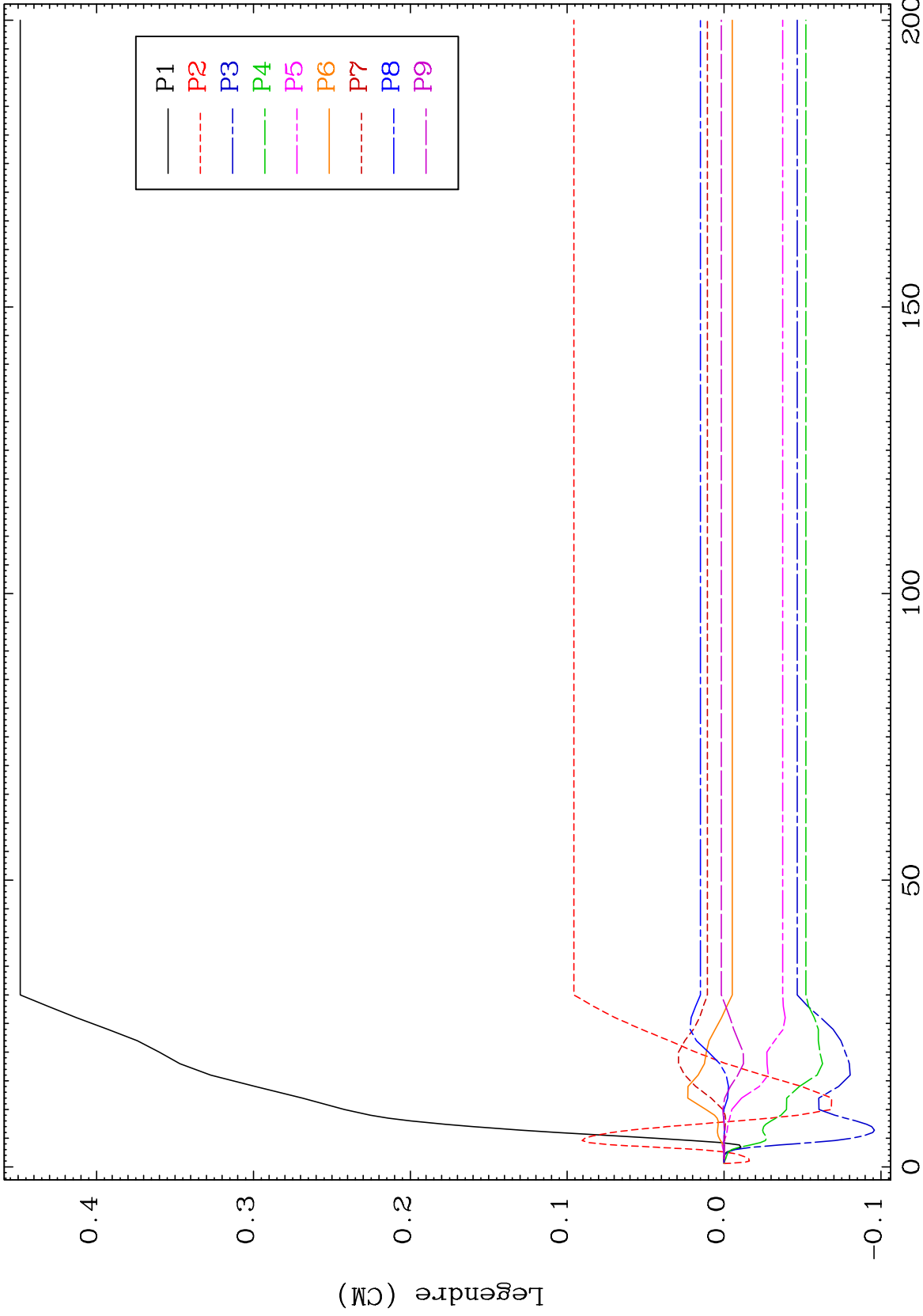
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



119

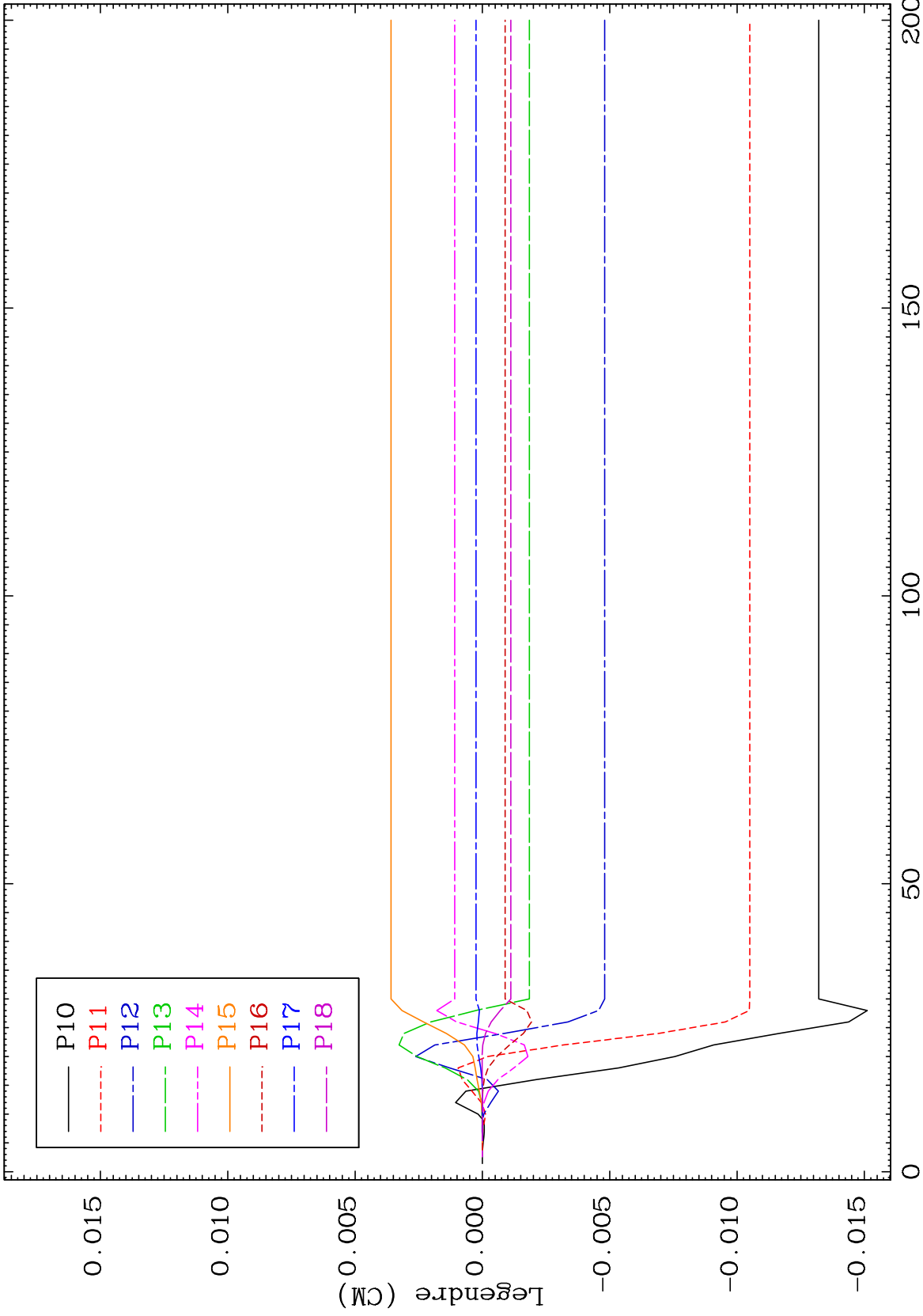
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166



120

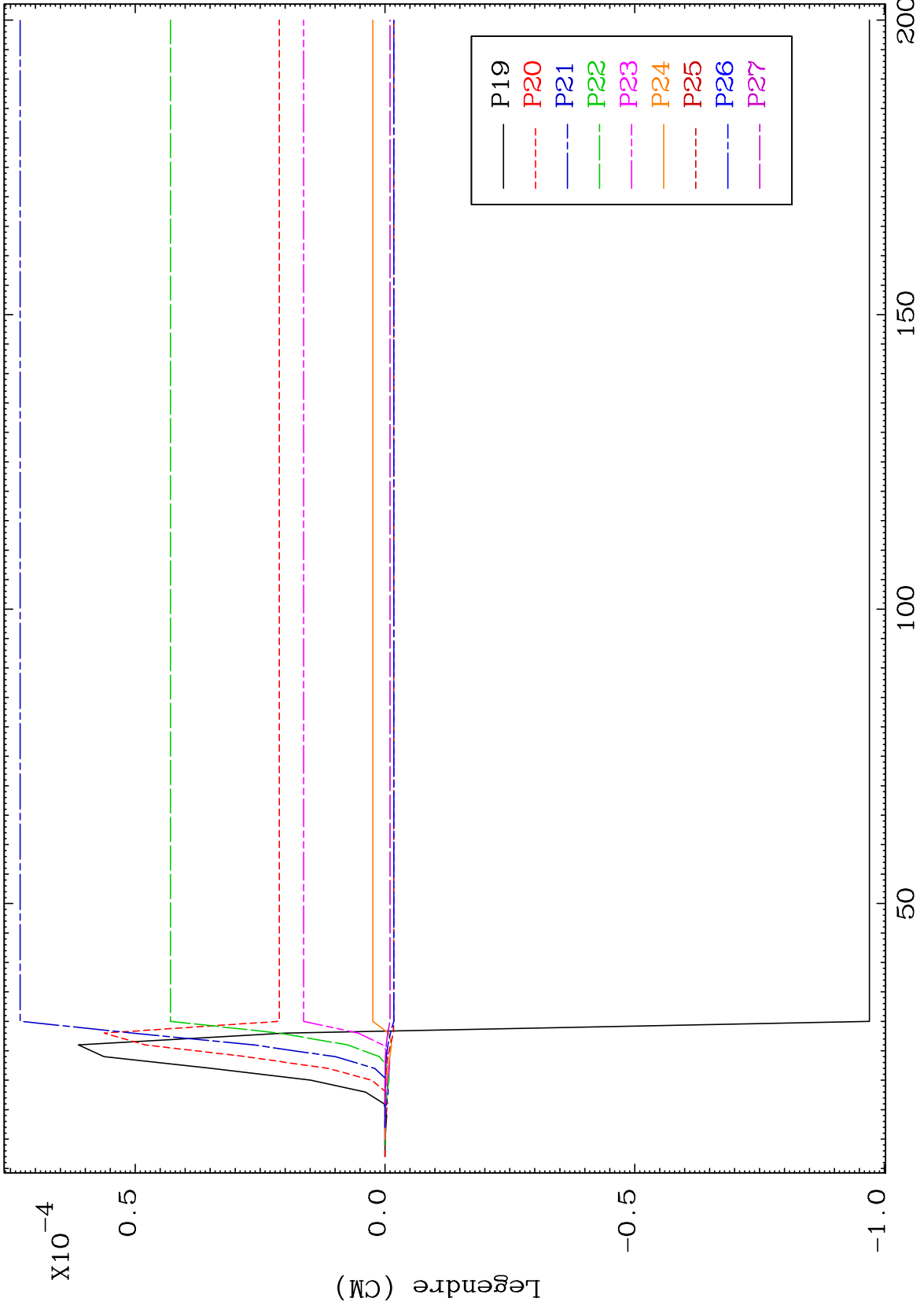
Incident Energy (MeV)

63-Eu-166

MAT 6370

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

63-Eu-166

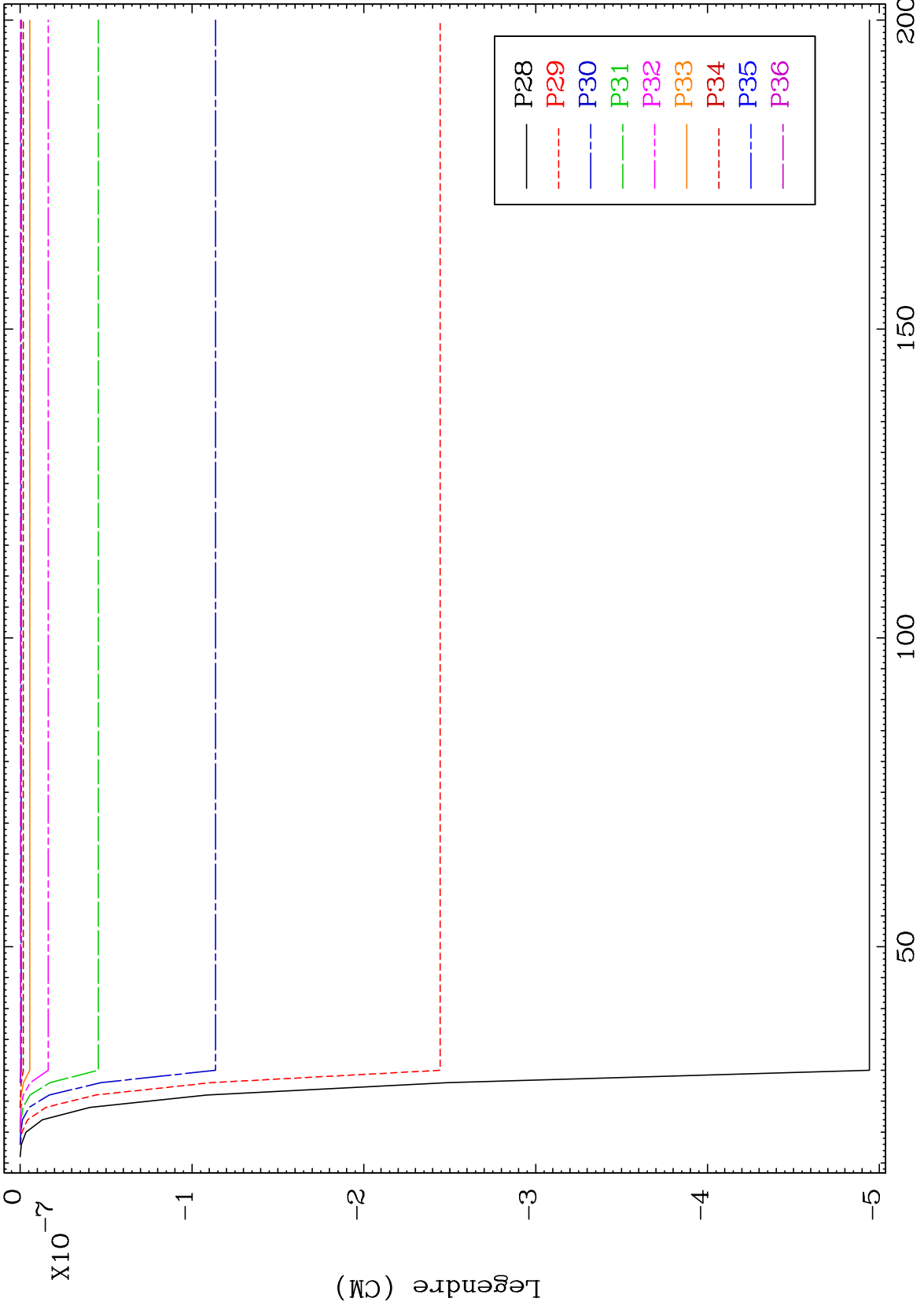


121

Incident Energy (MeV)

63-Eu-166

MAT 6370 MT= 79 (n,n') Level Legendre Coefficients 63-Eu-166

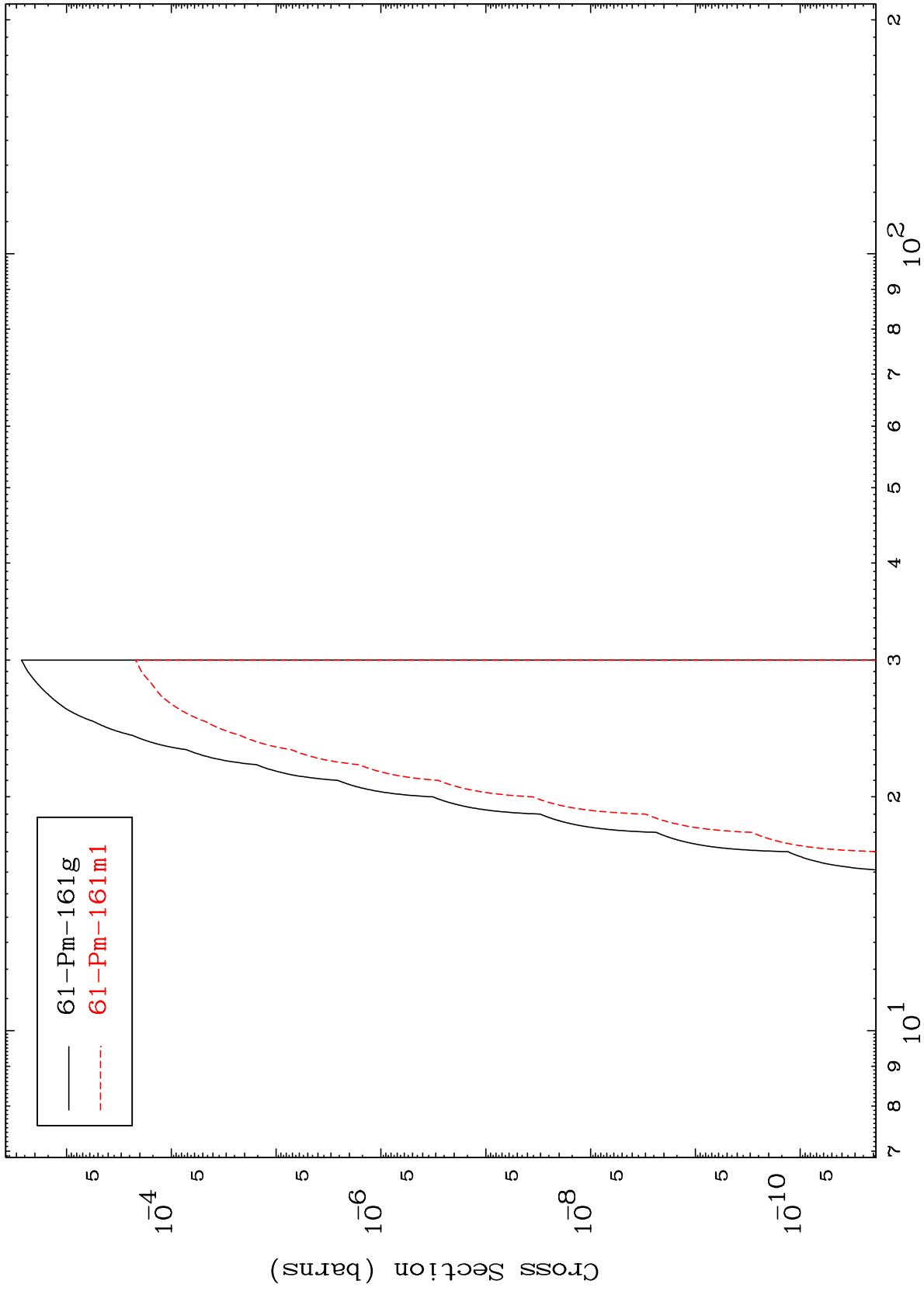


MAT 6370

(n,2n) α

63-Eu-166

Radionuclide Production Cross Section



123

Incident Energy (MeV)

63-Eu-166