

Program EVALPLOT  
(Version 2018-1)

by

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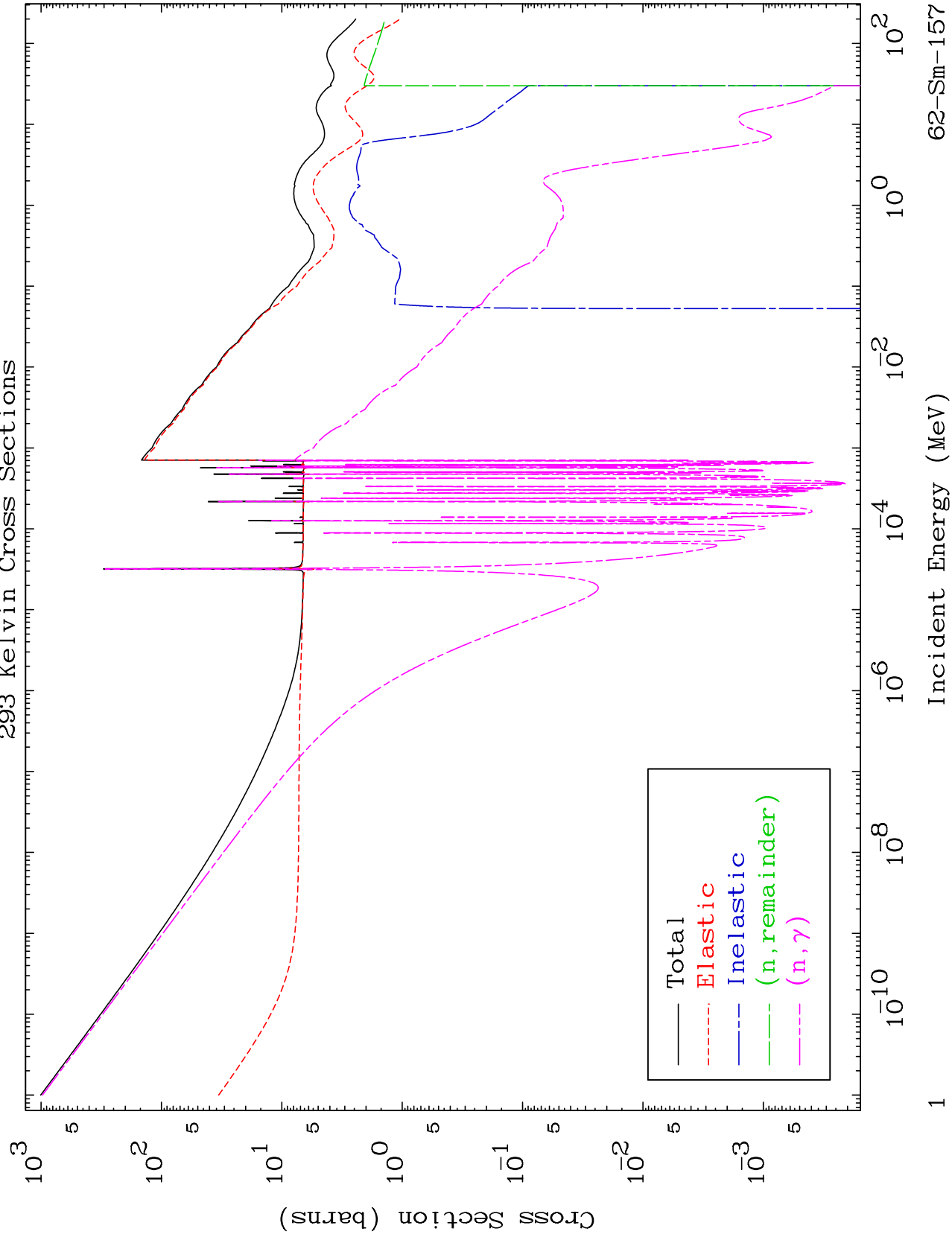
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6264

Major  
293 Kelvin Cross Sections

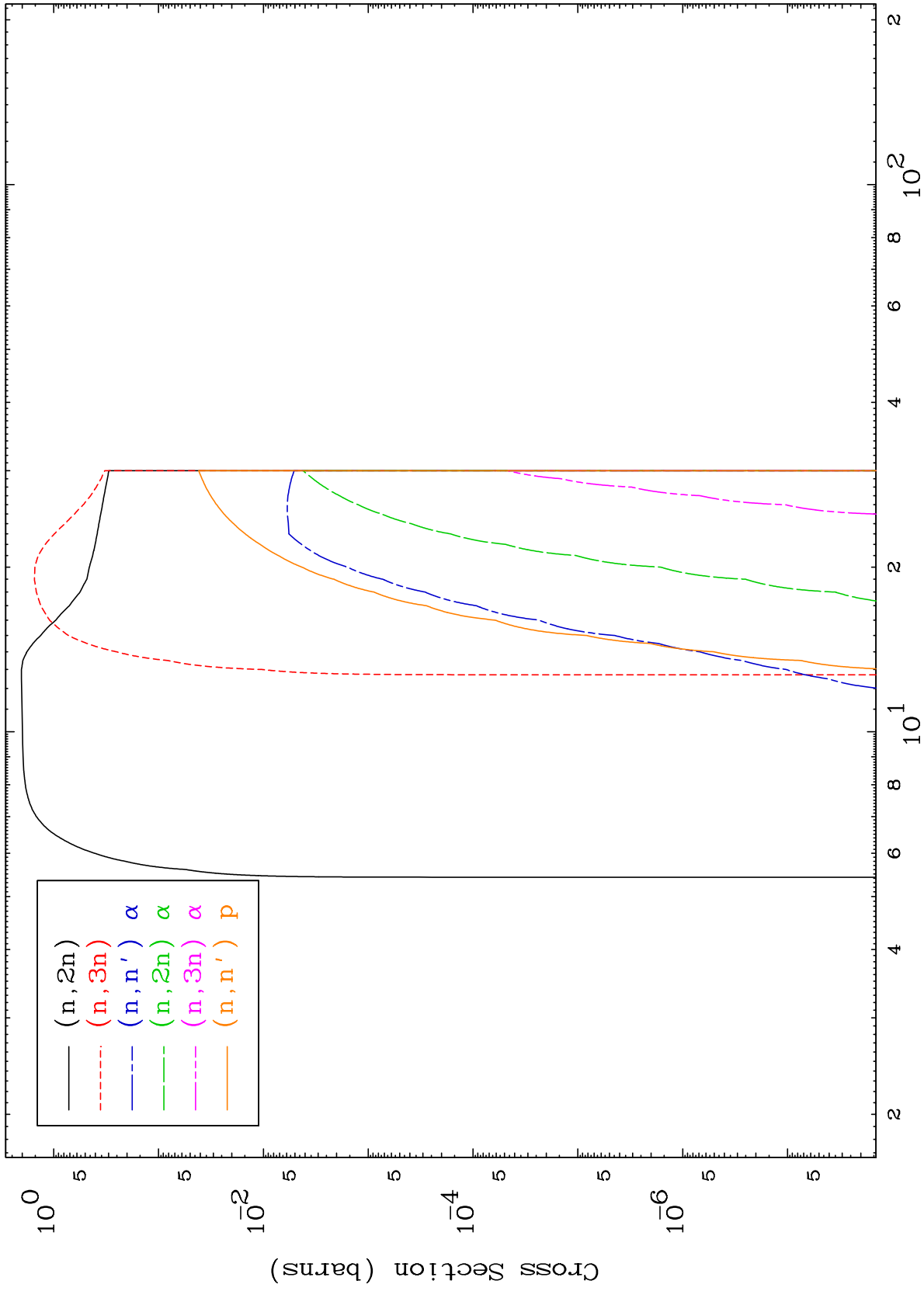
62-Sm-157



MAT 6264

### Neutron Production 293 Kelvin Cross Sections

62-Sm-157



2

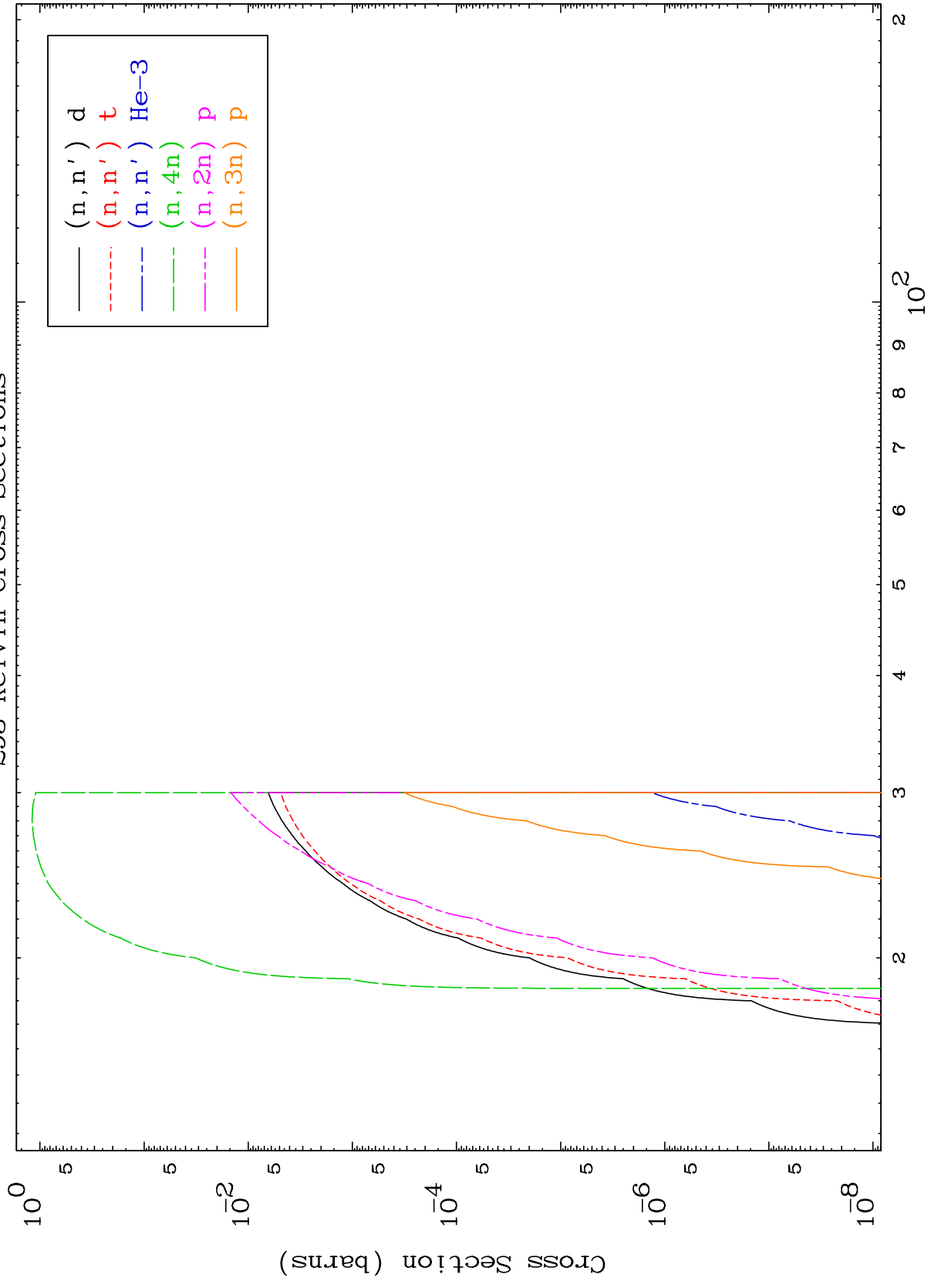
Incident Energy (MeV)

62-Sm-157

MAT 6264

Neutron Production  
293 Kelvin Cross Sections

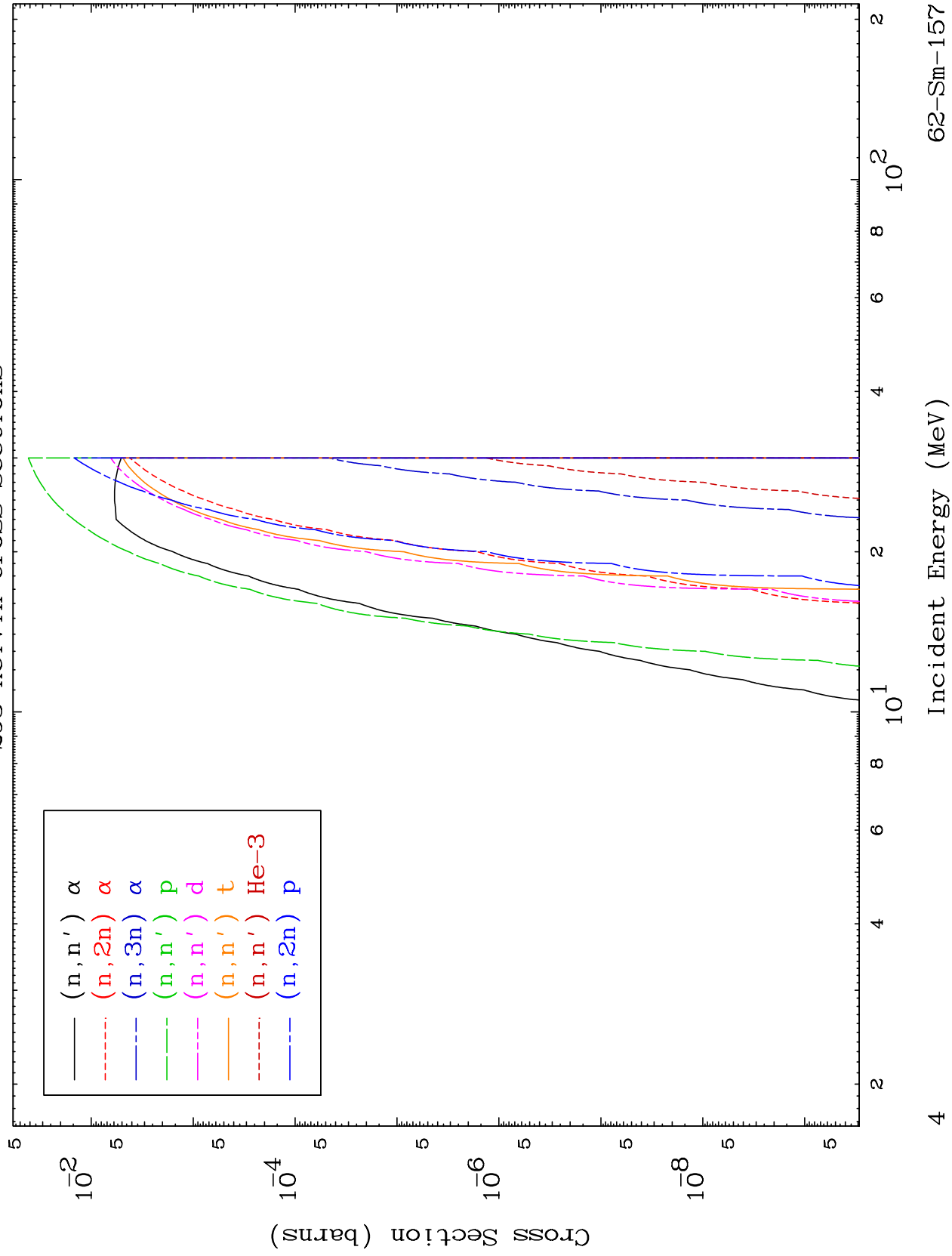
62-Sm-157



3

Incident Energy (MeV)

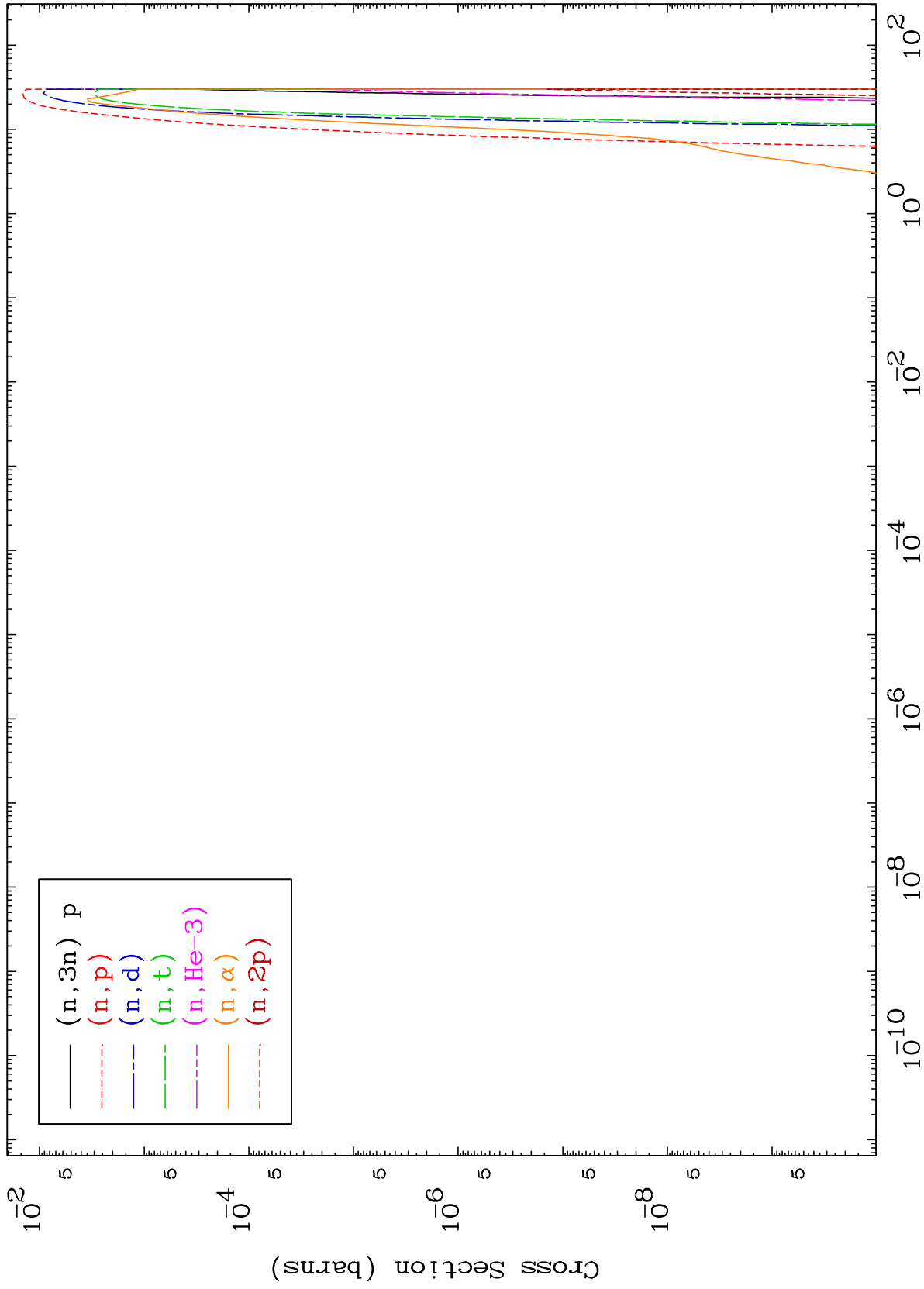
62-Sm-157



MAT 6264

Charged Particle  
293 Kelvin Cross Sections

62-Sm-157



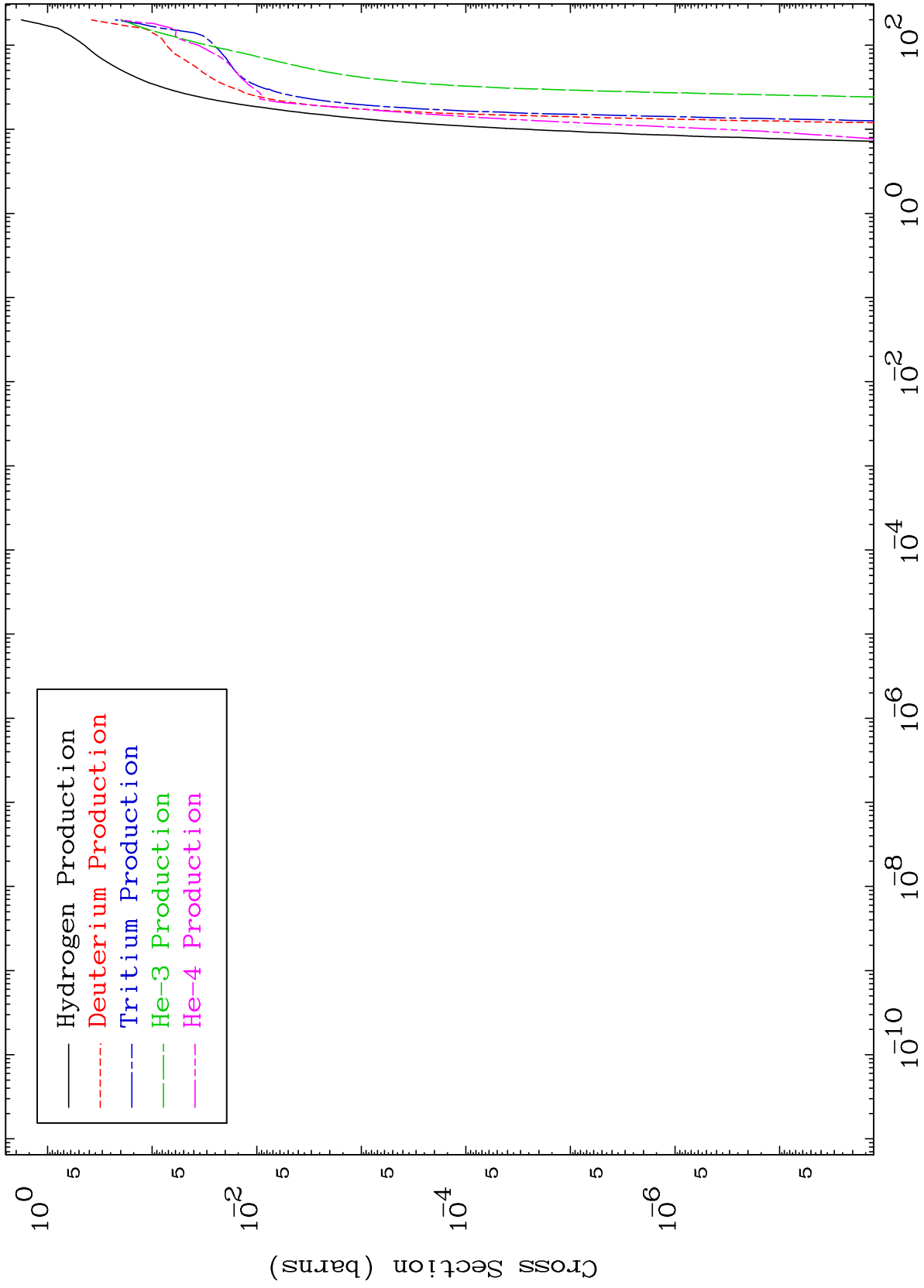
5

62-Sm-157

MAT 6264

Particle Production  
293 Kelvin Cross Sections

62-Sm-157



6

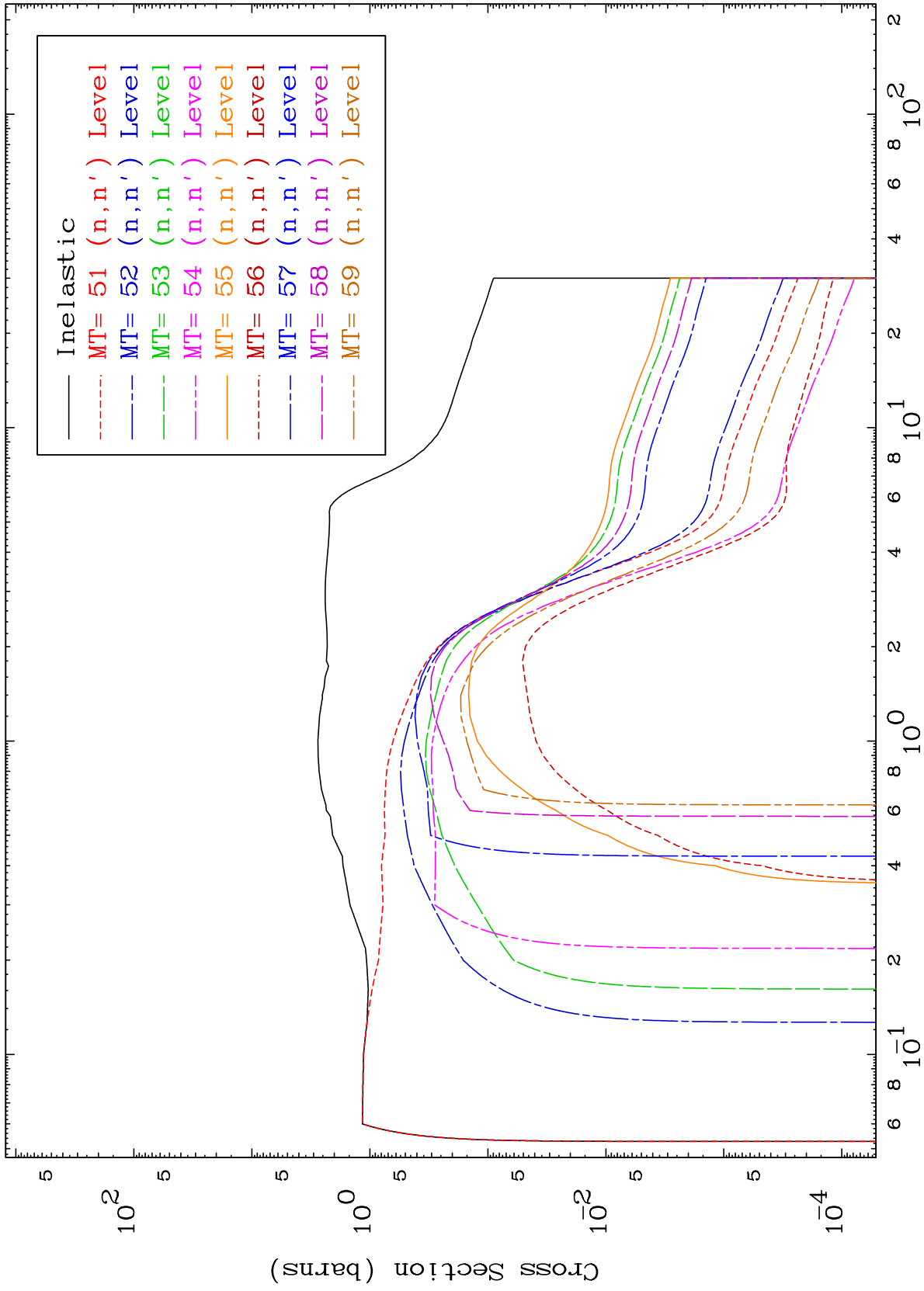
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-157



7

Incident Energy (MeV)

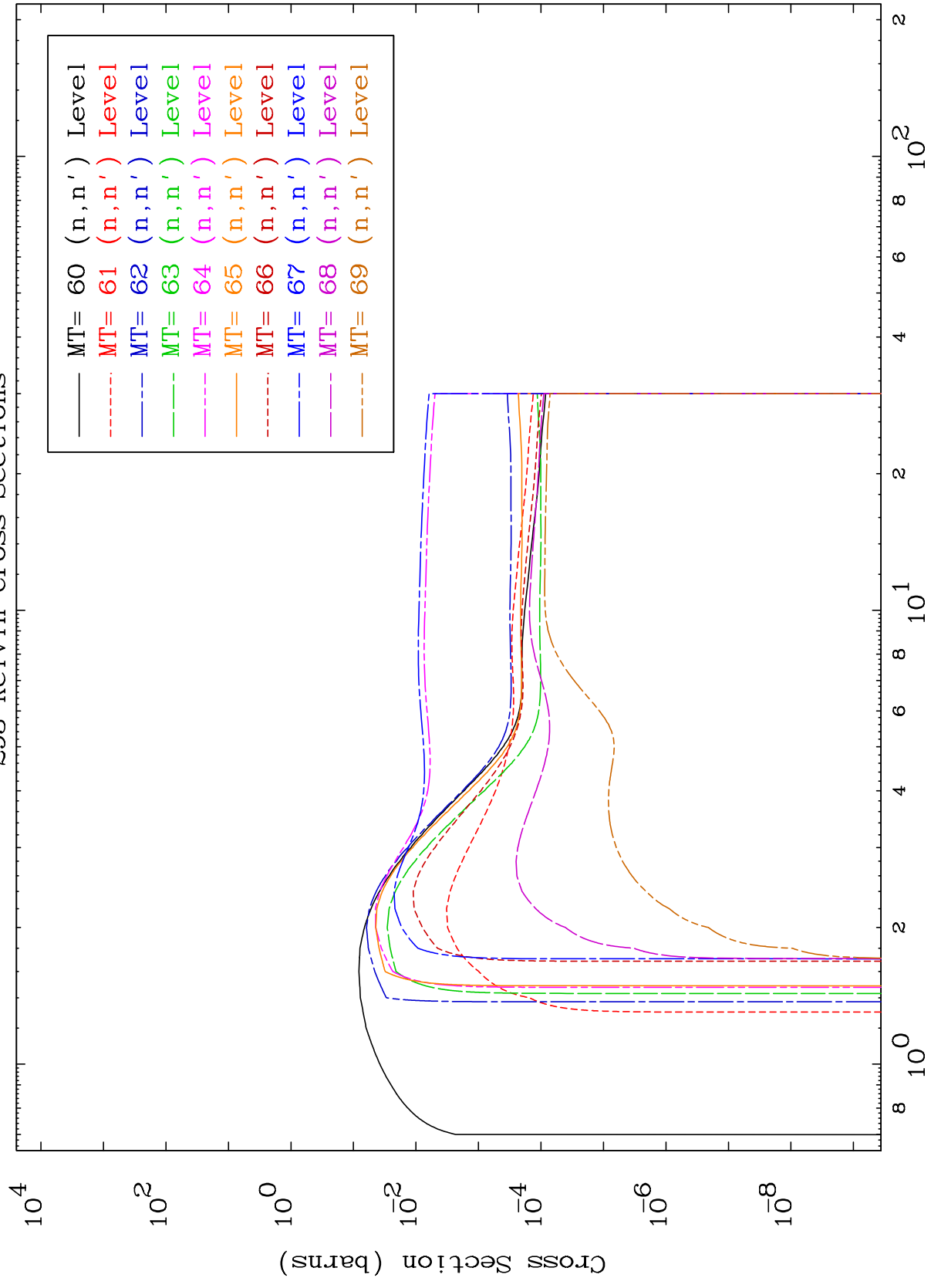
62-Sm-157

MAT 6264

(n,n') Level

62-Sm-157

293 Kelvin Cross Sections



8

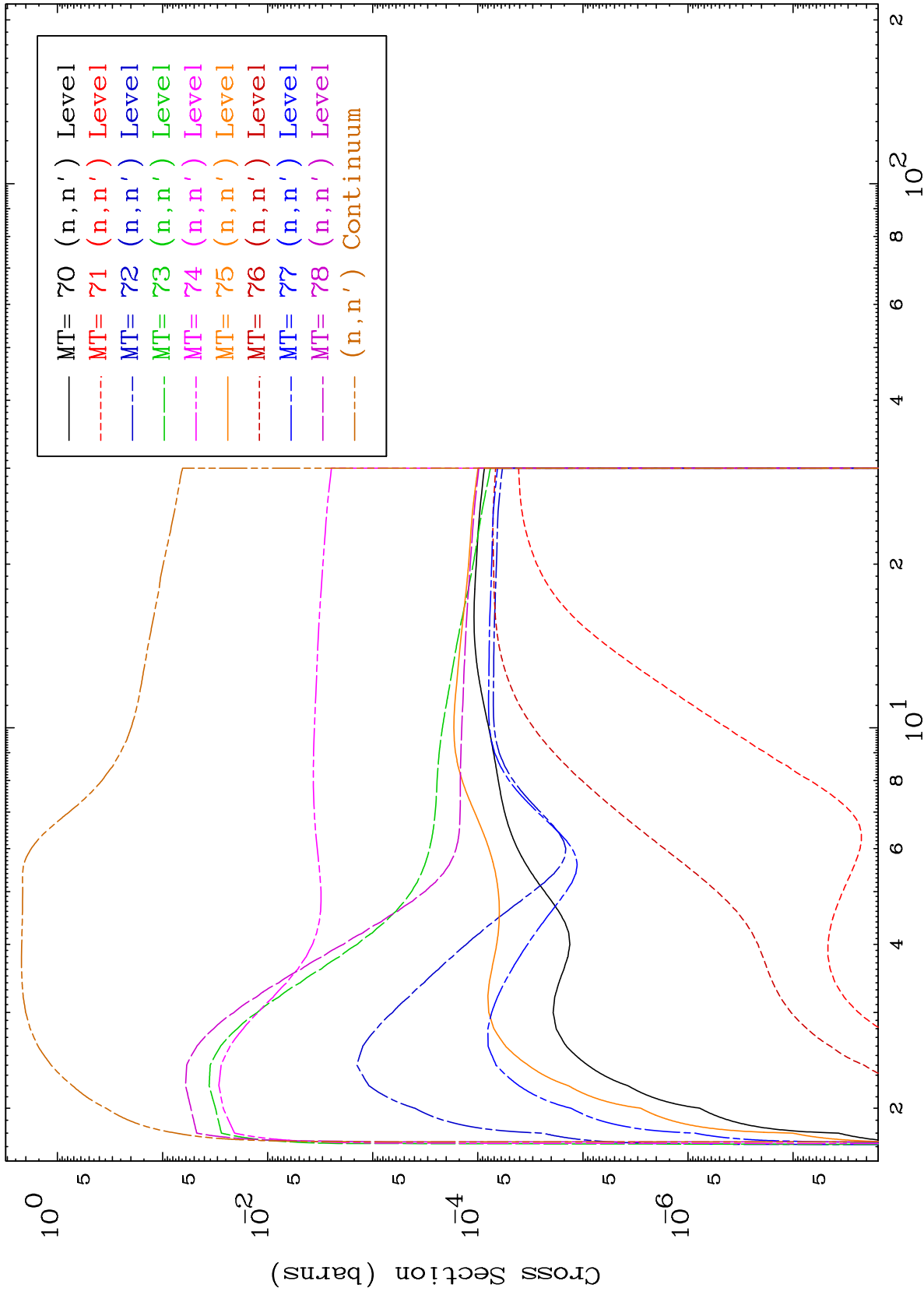
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,n') Level  
293 Kelvin Cross Sections

62-Sm-157



9

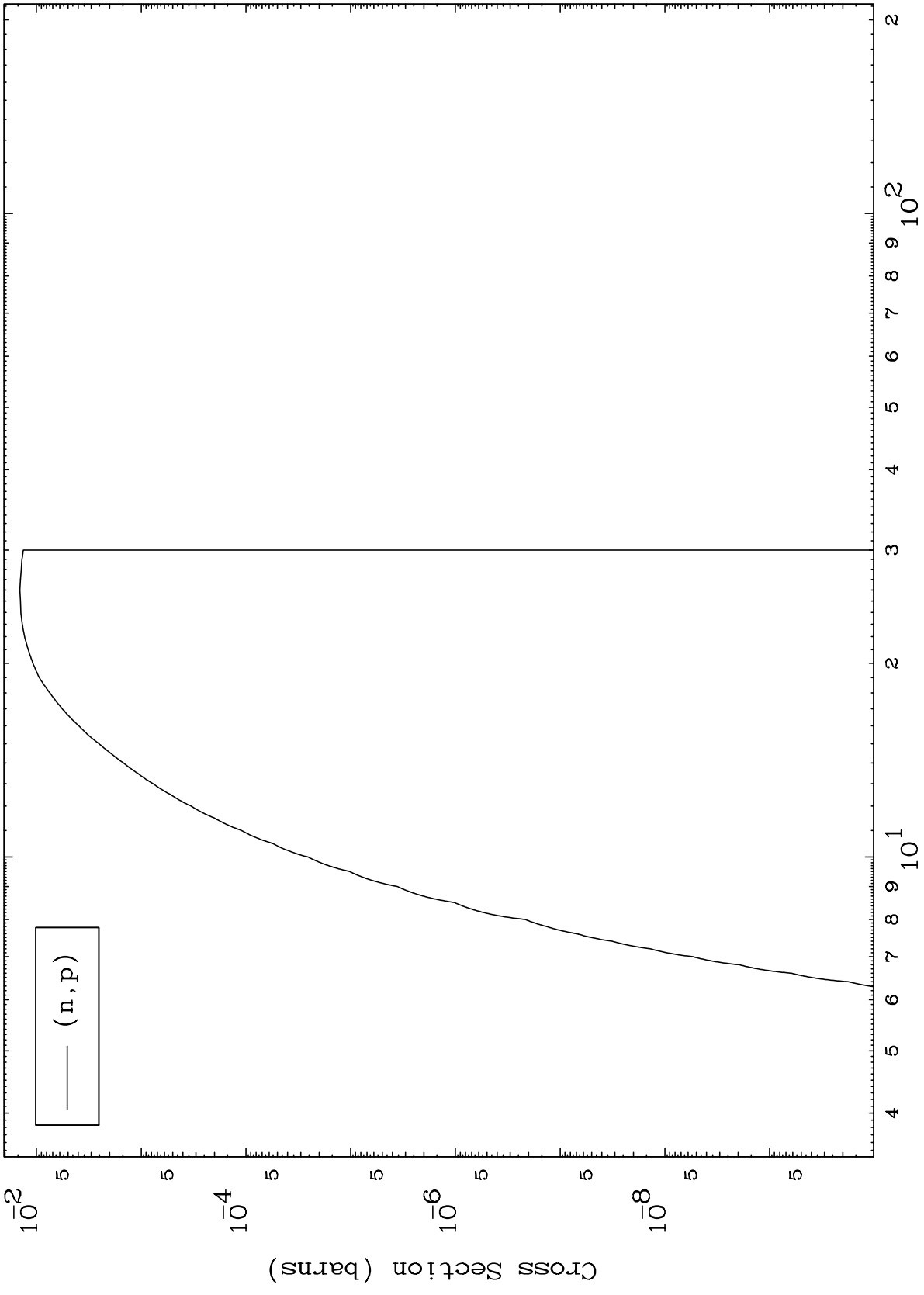
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,p) Levels  
293 Kelvin Cross Sections

62-Sm-157



10

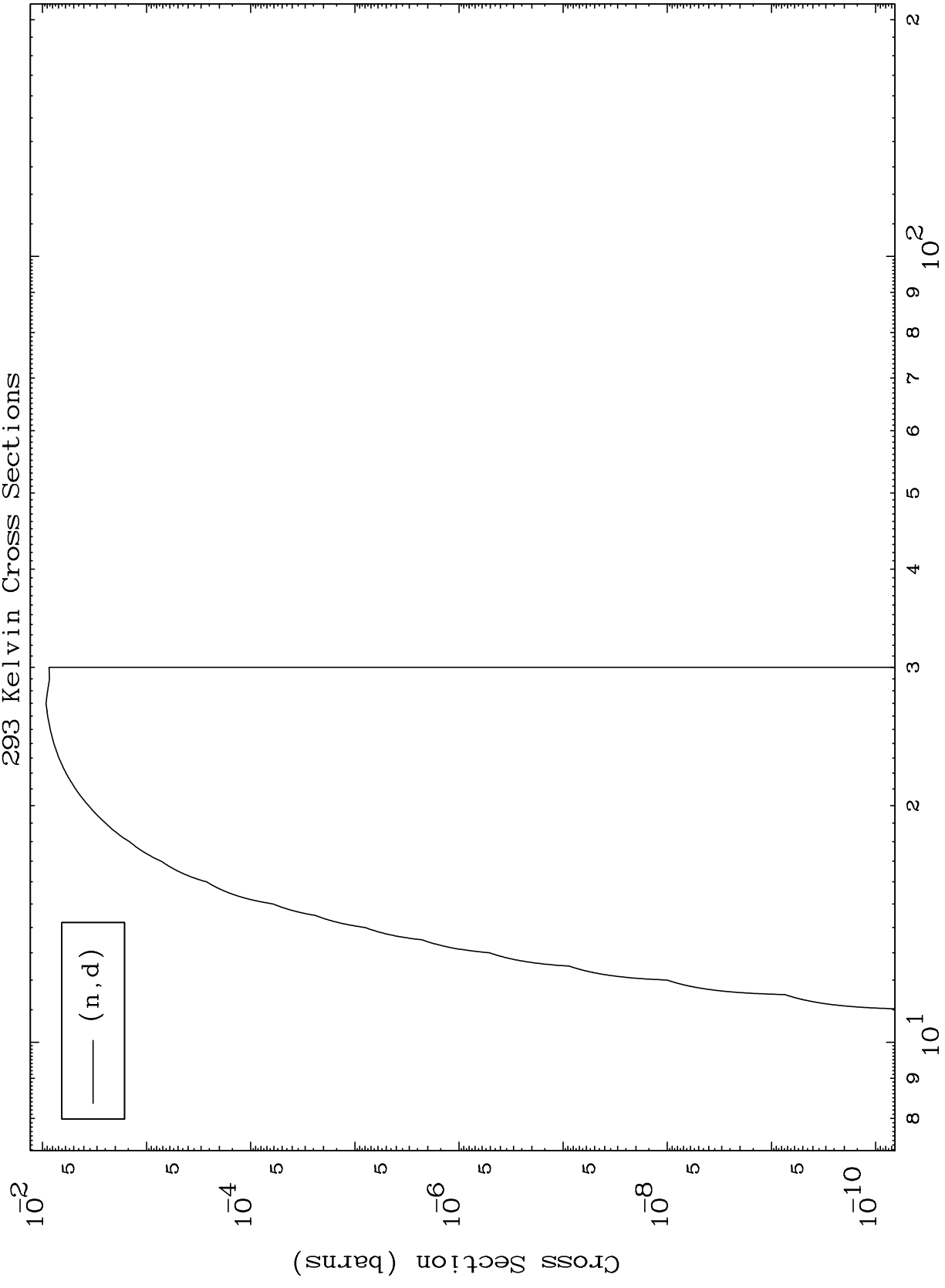
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,d) Levels  
293 Kelvin Cross Sections

62-Sm-157



11

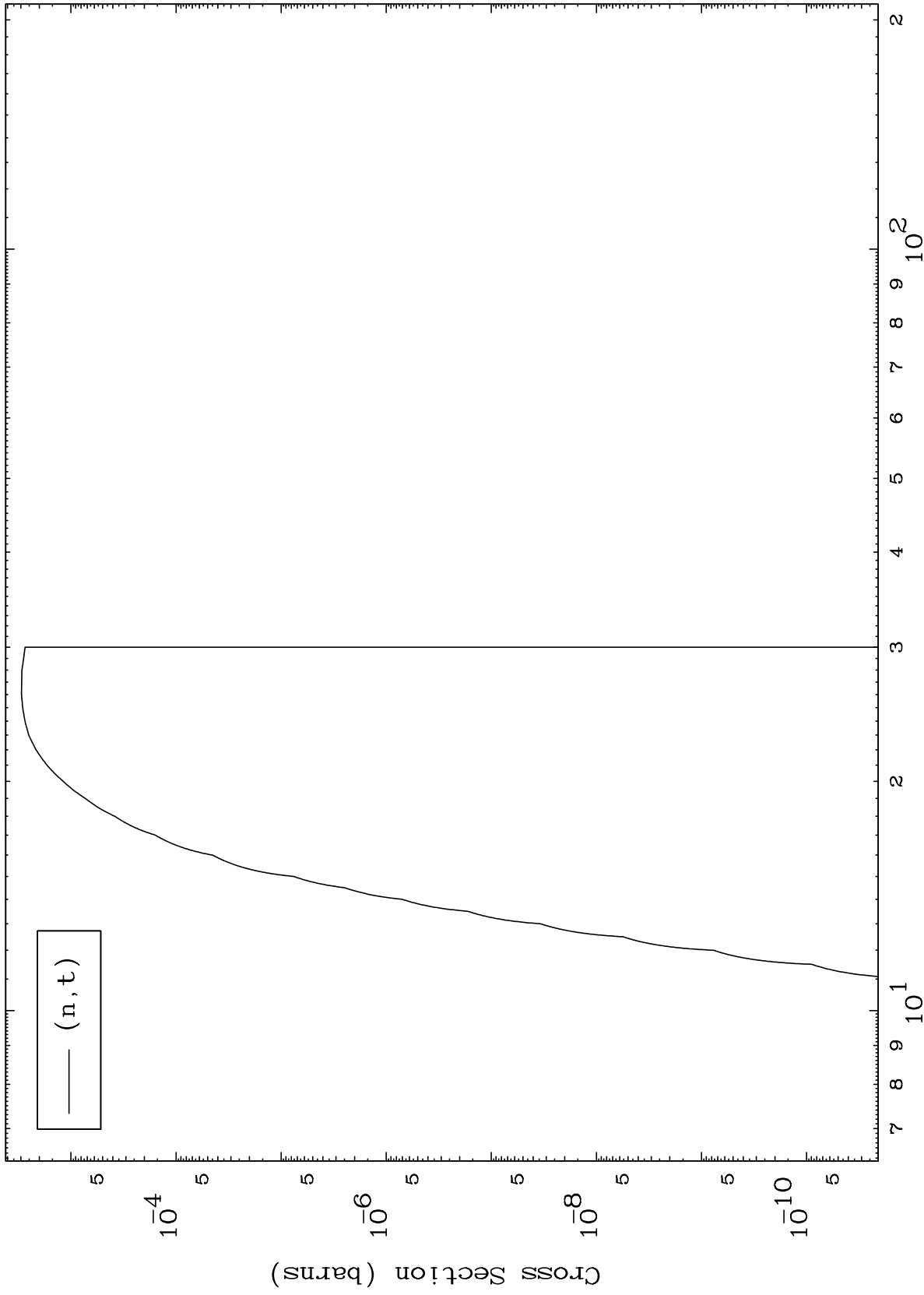
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,t) Levels  
293 Kelvin Cross Sections

62-Sm-157



12

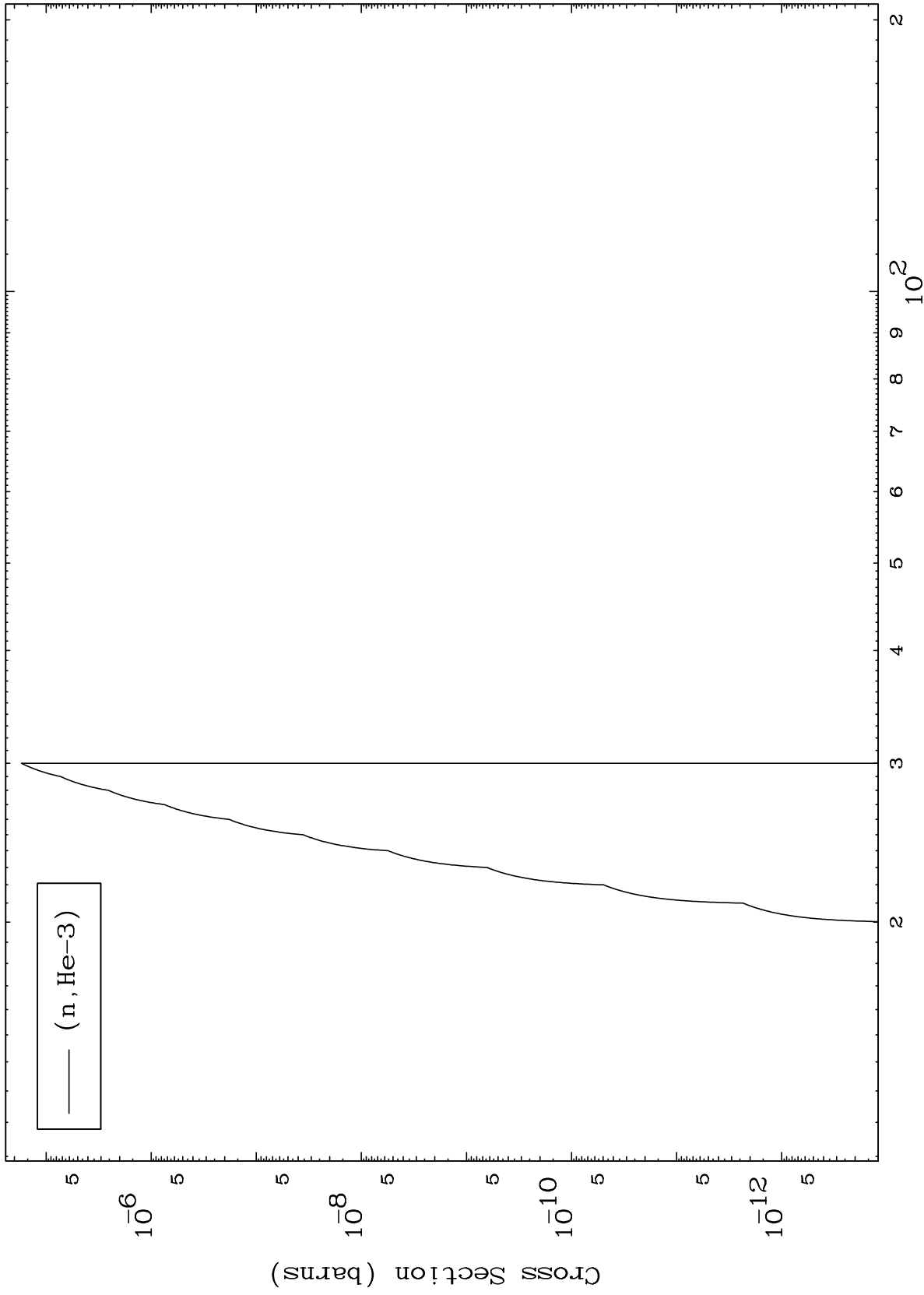
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,He3) Levels  
293 Kelvin Cross Sections

62-Sm-157



13

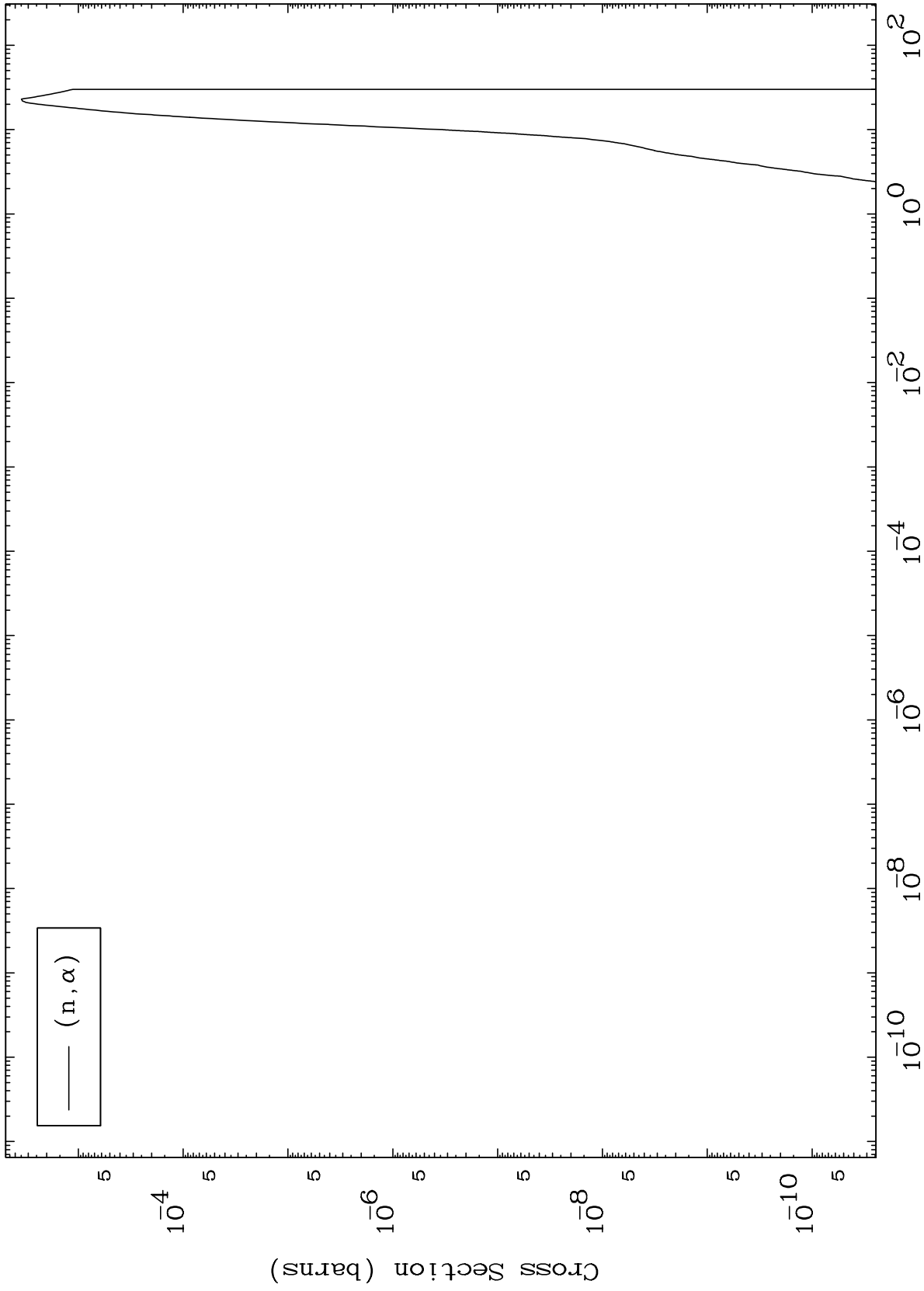
Incident Energy (MeV)

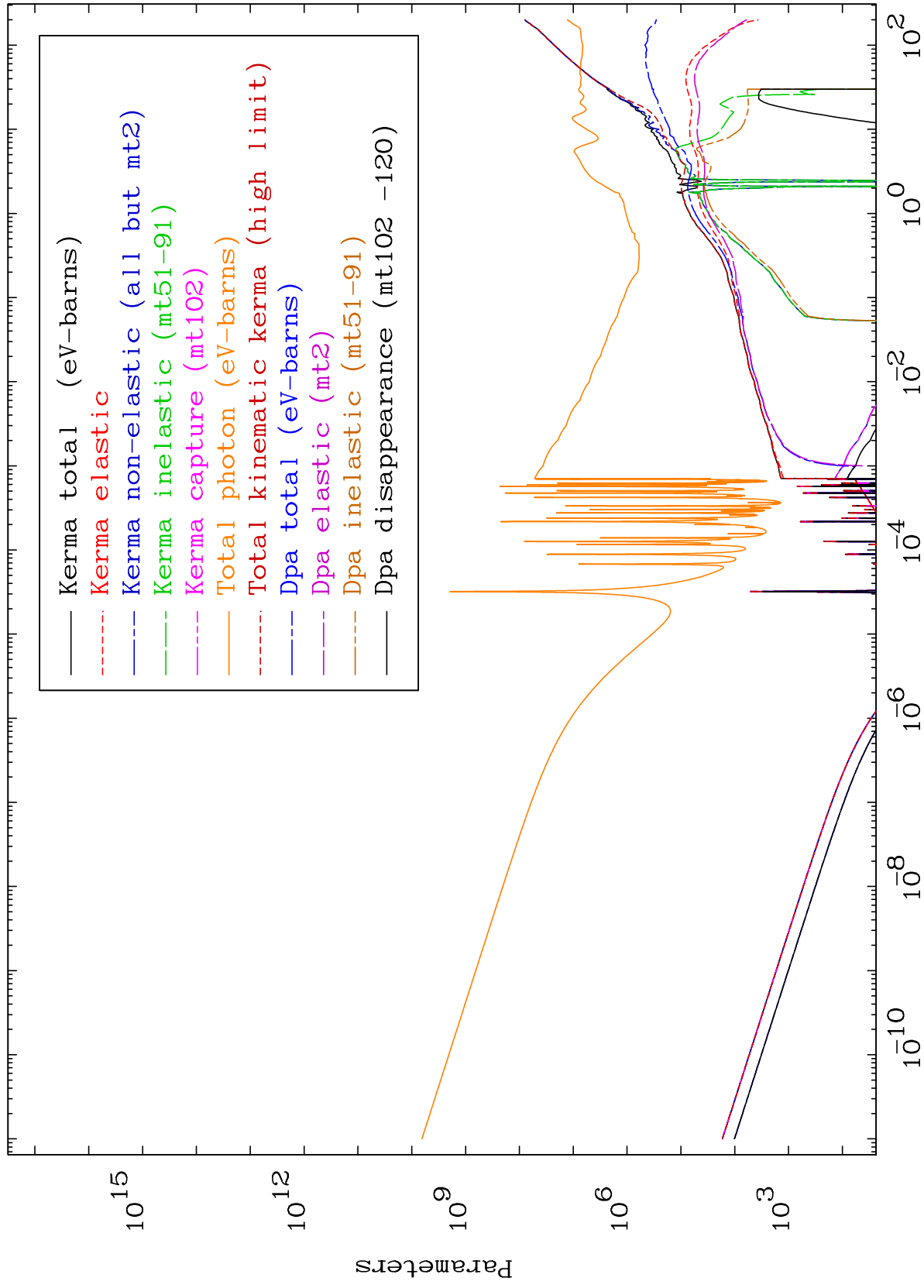
62-Sm-157

MAT 6264

(n,α) Levels  
293 Kelvin Cross Sections

62-Sm-157

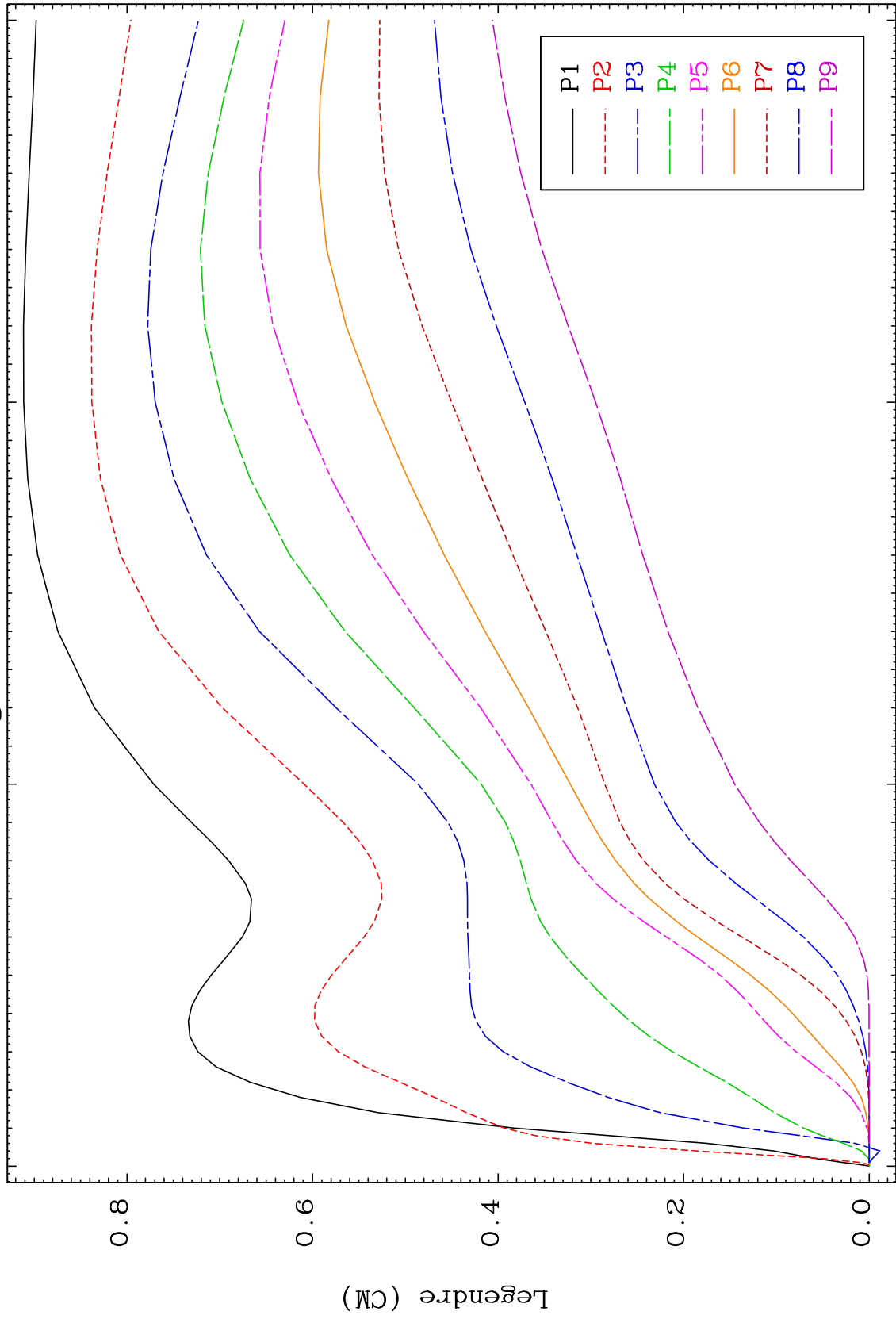




MAT 6264

Elastic Legendre Coefficients

62-Sm-157



16

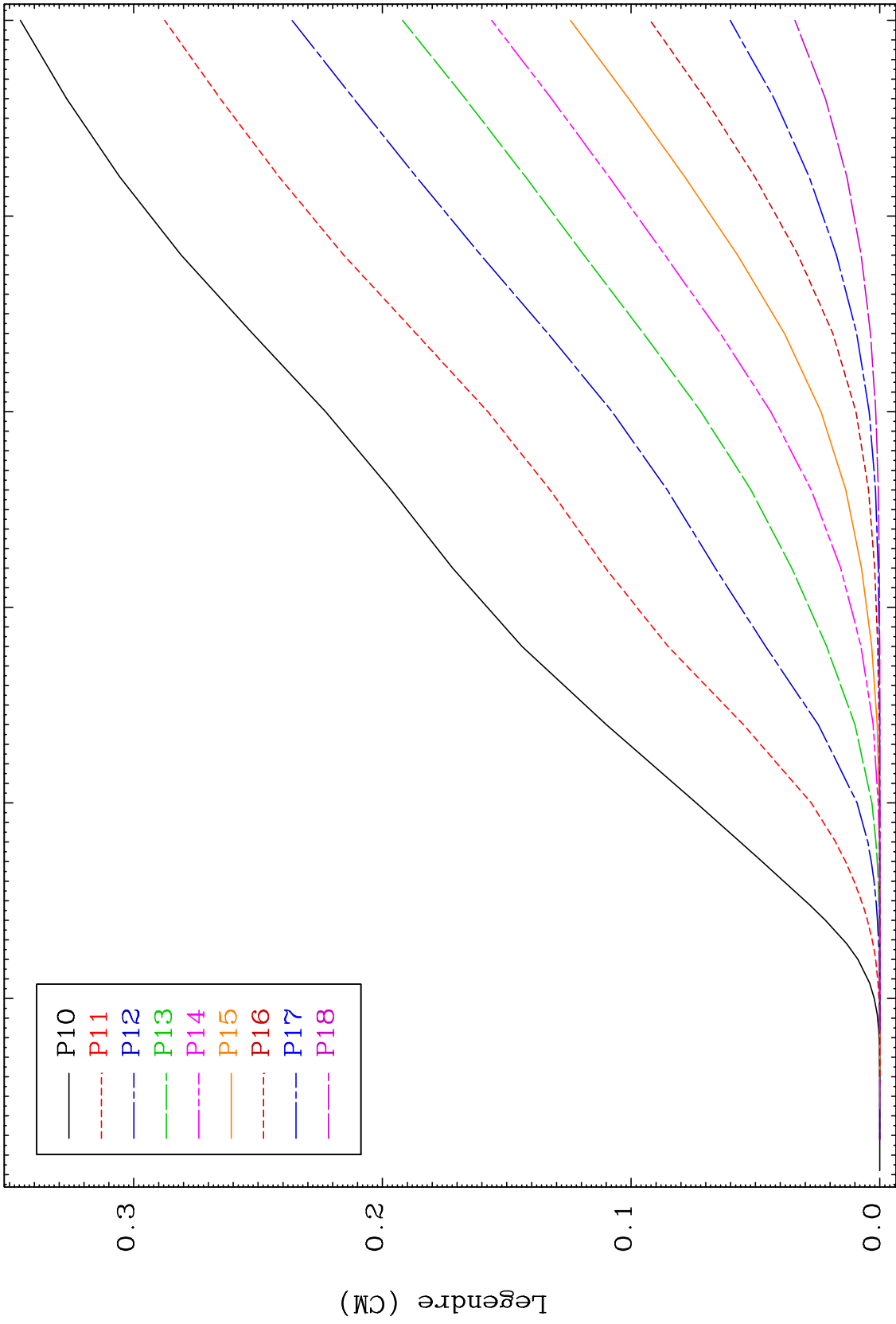
Incident Energy (MeV)

62-Sm-157

MAT 6264

Elastic Legendre Coefficients

62-Sm-157



17

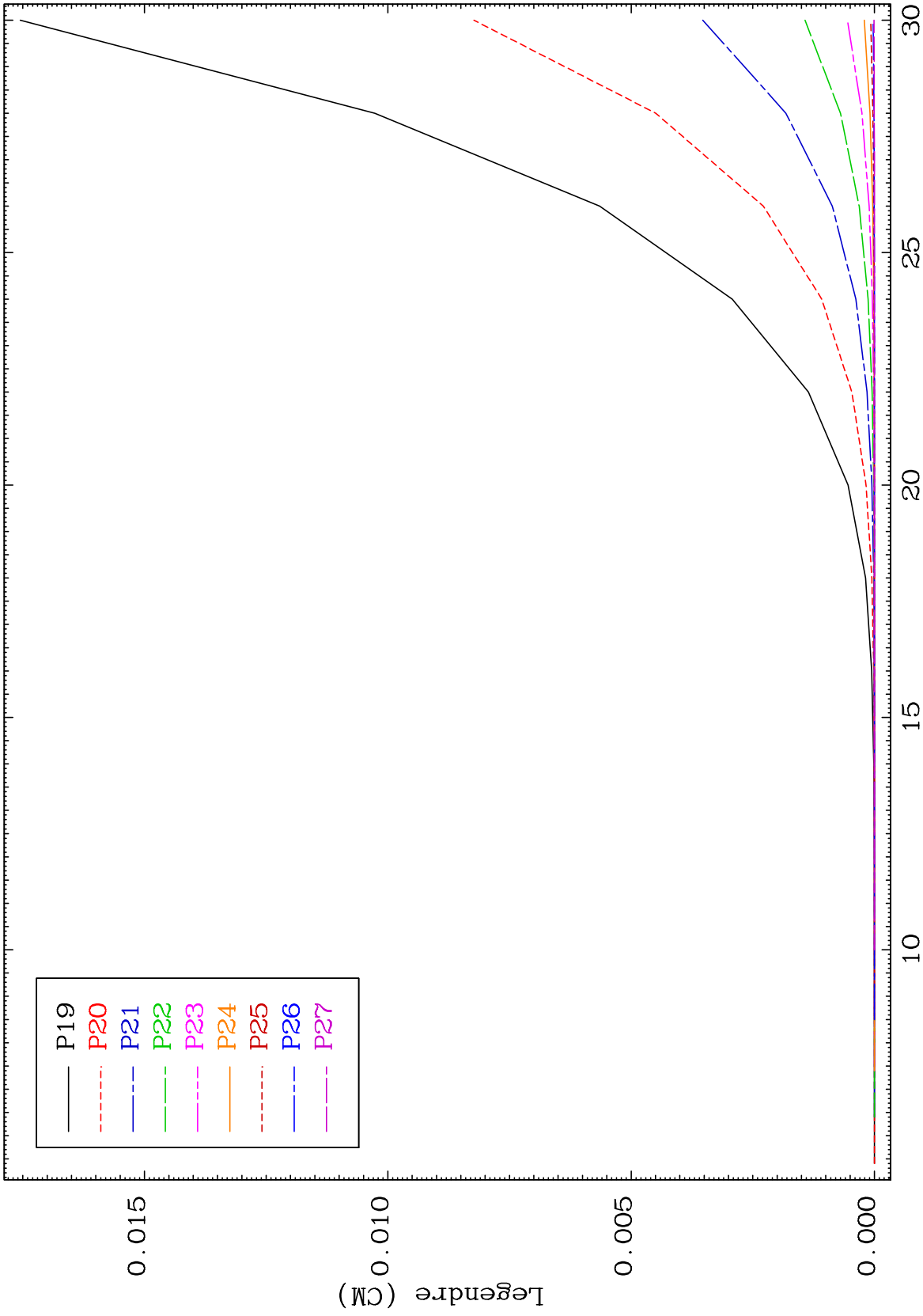
Incident Energy (MeV)

62-Sm-157

MAT 6264

### Elastic Legendre Coefficients

62-Sm-157



18

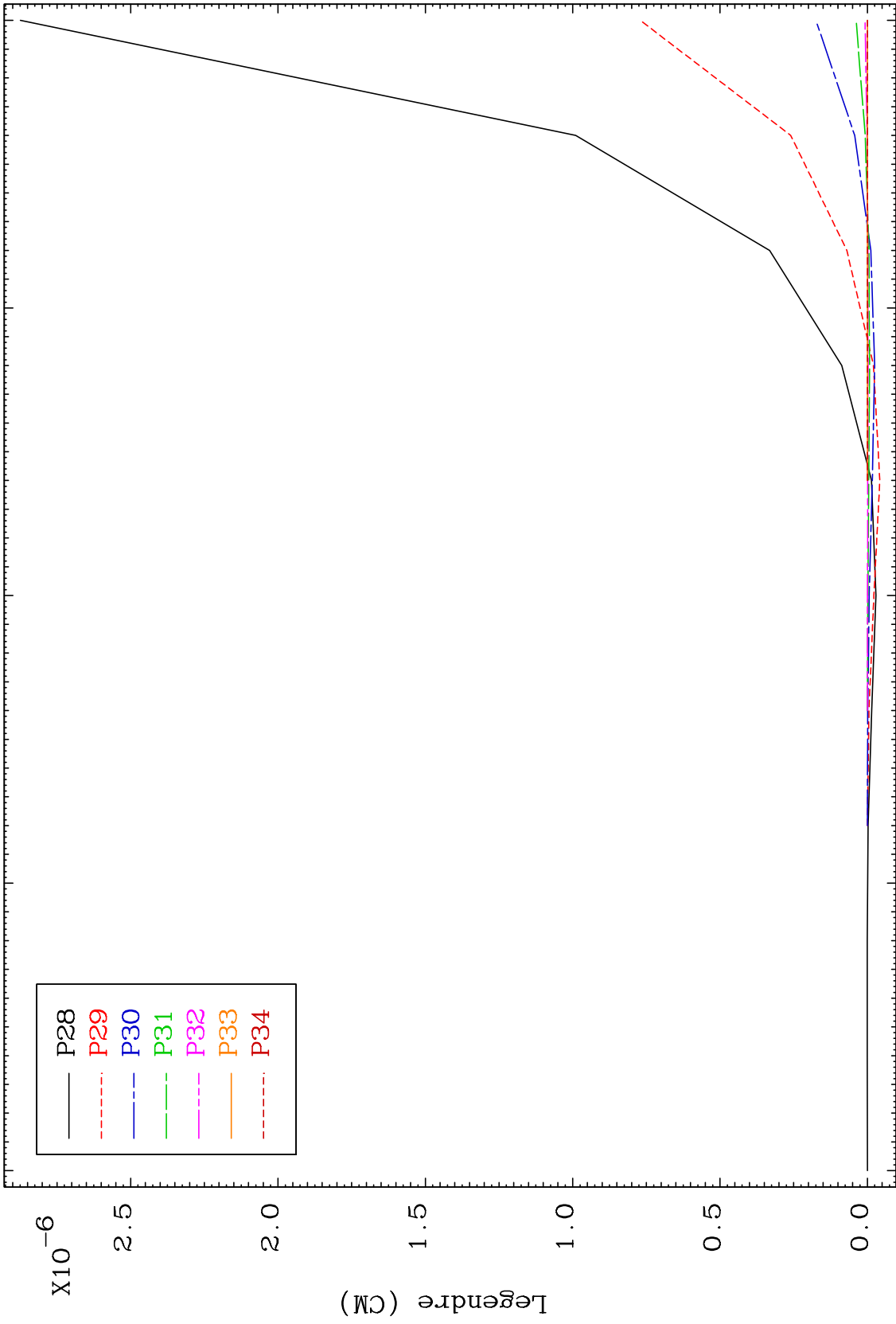
Incident Energy (MeV)

62-Sm-157

MAT 6264

Elastic Legendre Coefficients

62-Sm-157



19

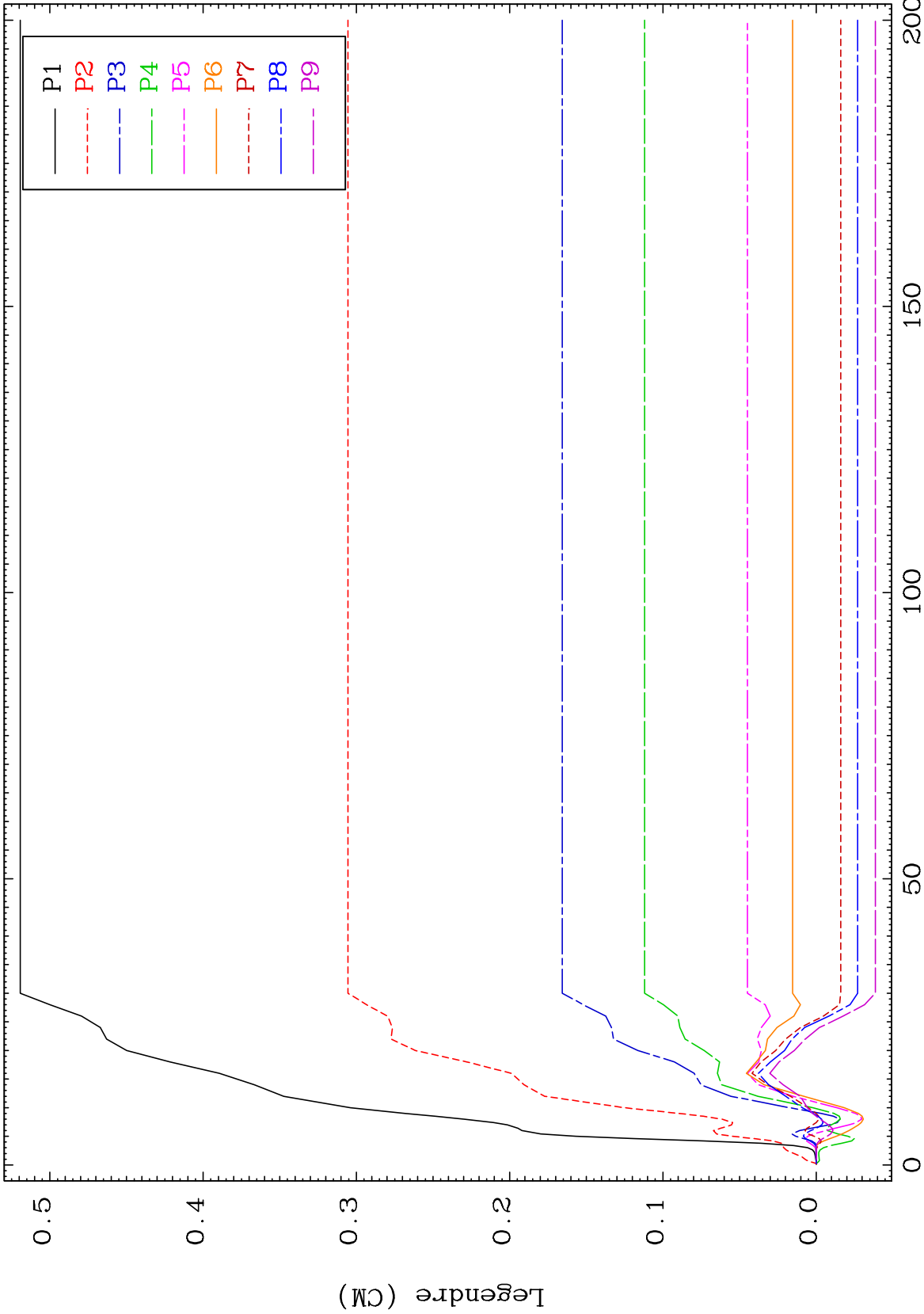
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

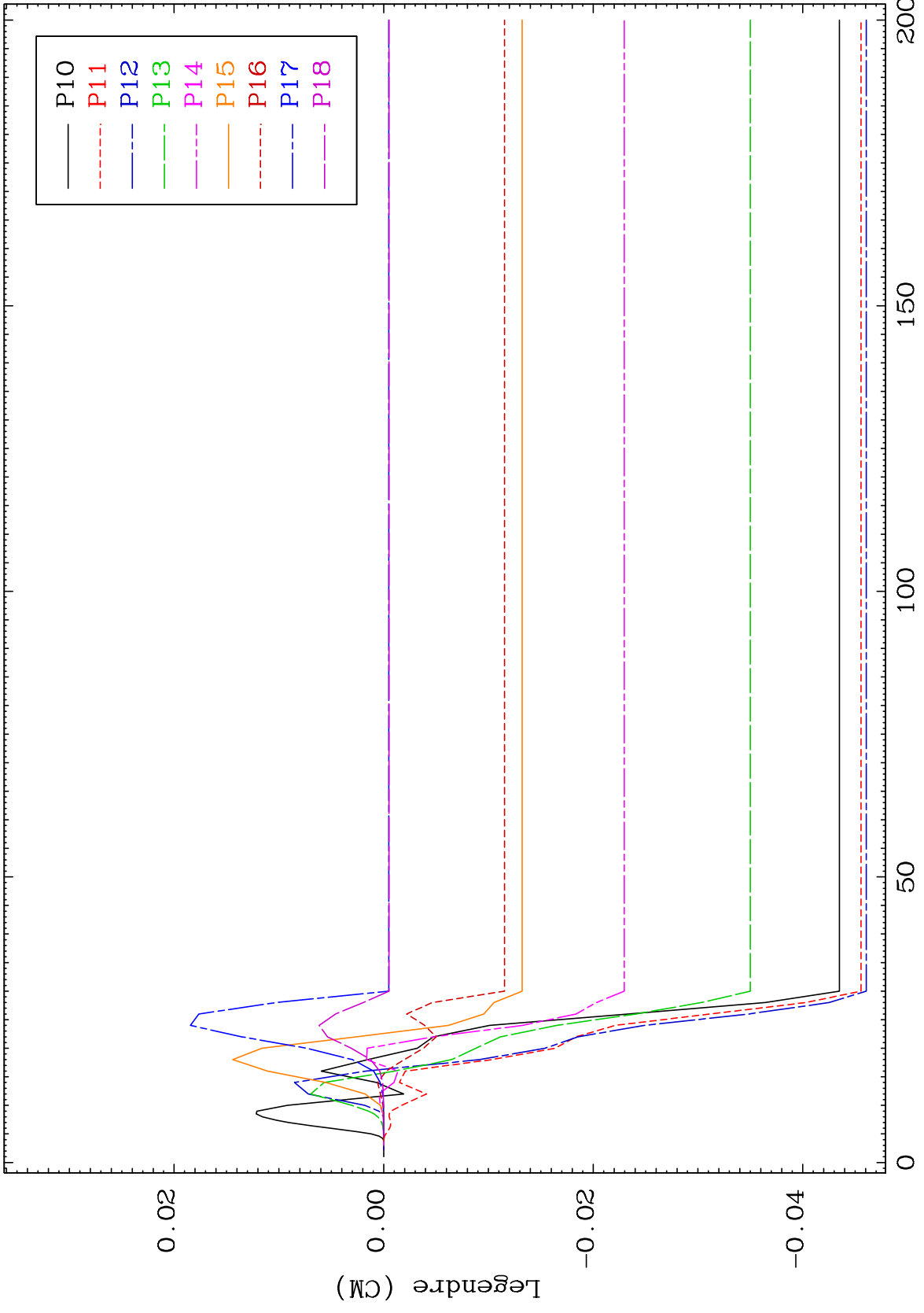
Incident Energy (MeV)

20

MAT 6264

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

62-Sm-157



21

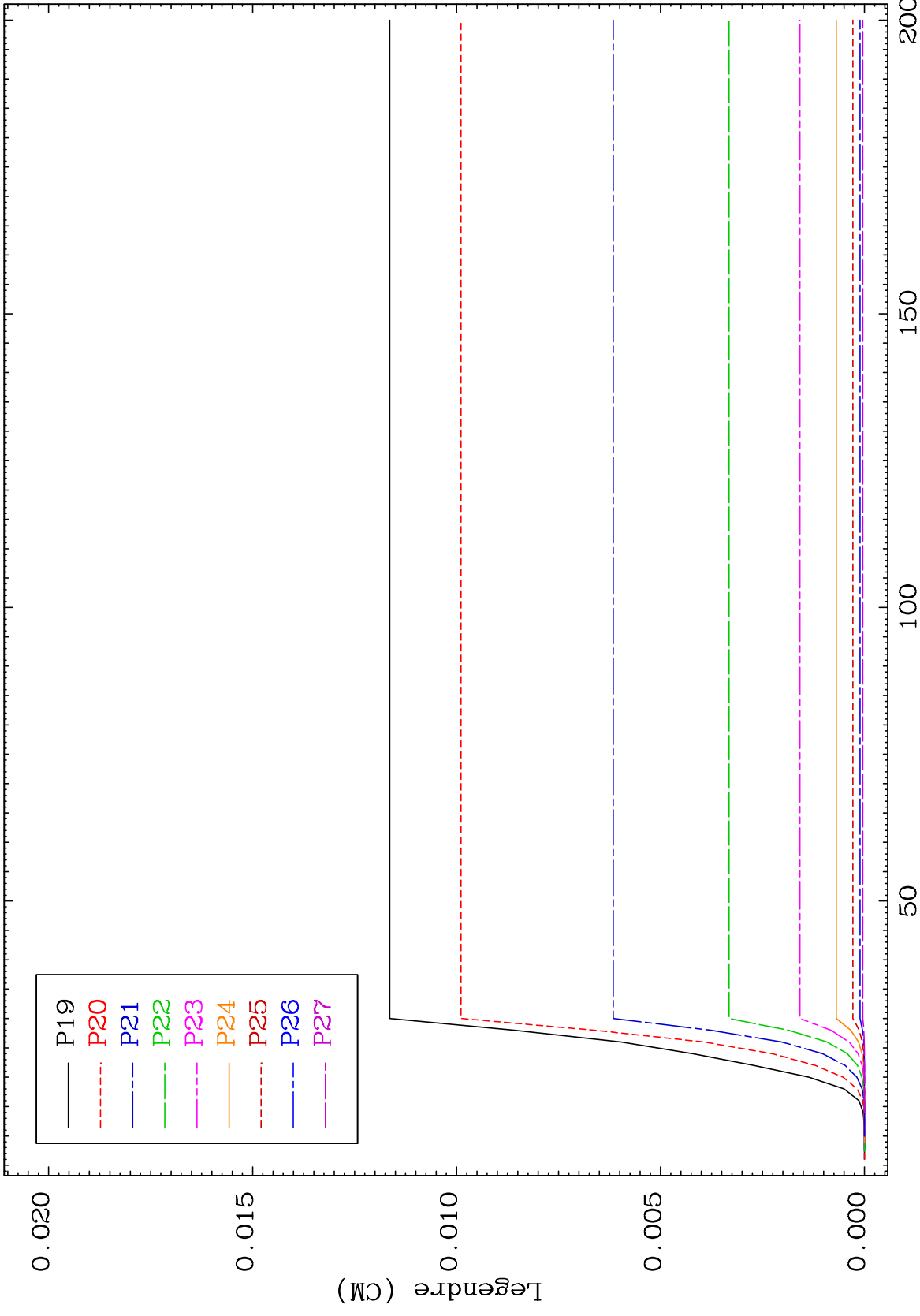
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



22

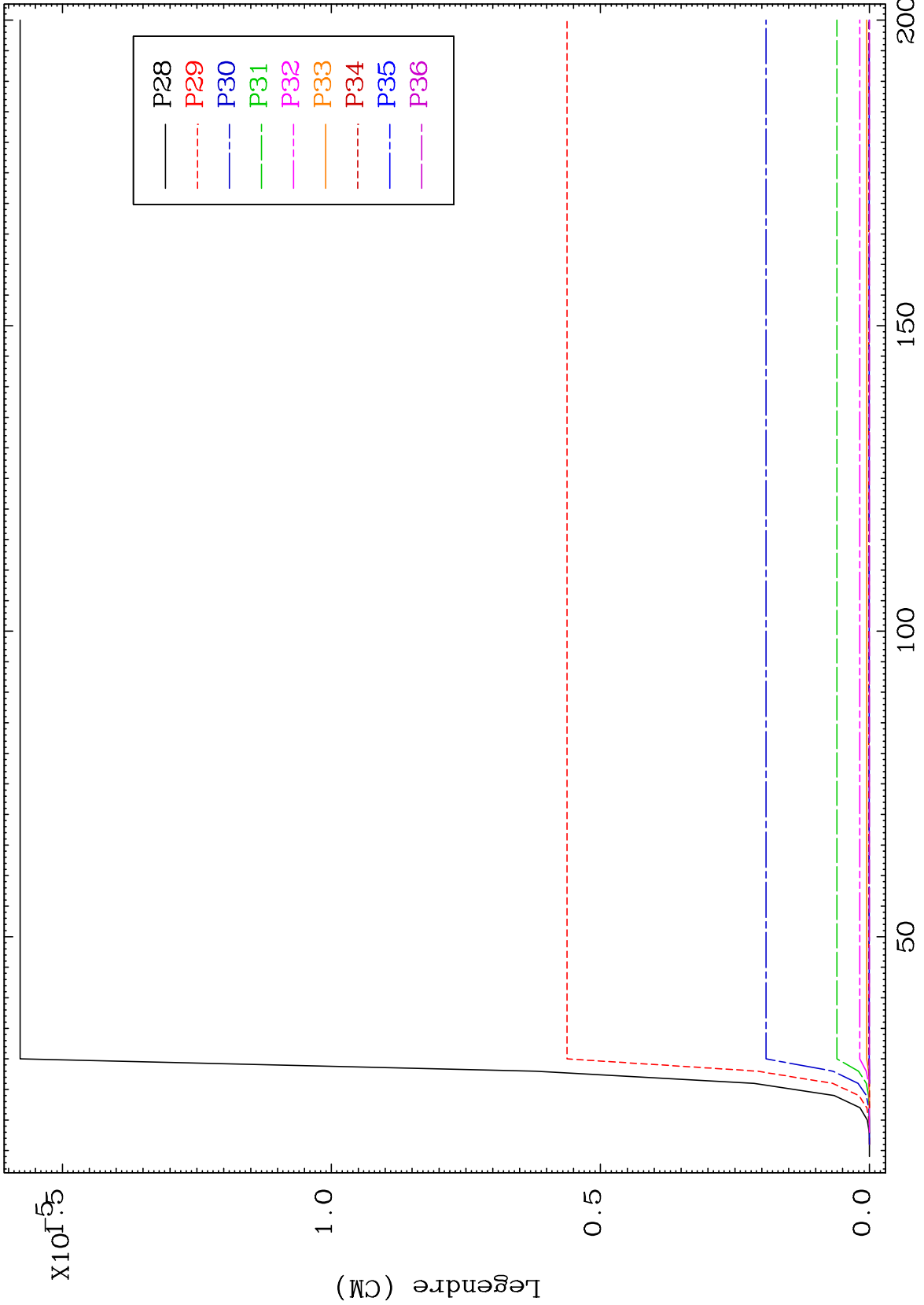
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



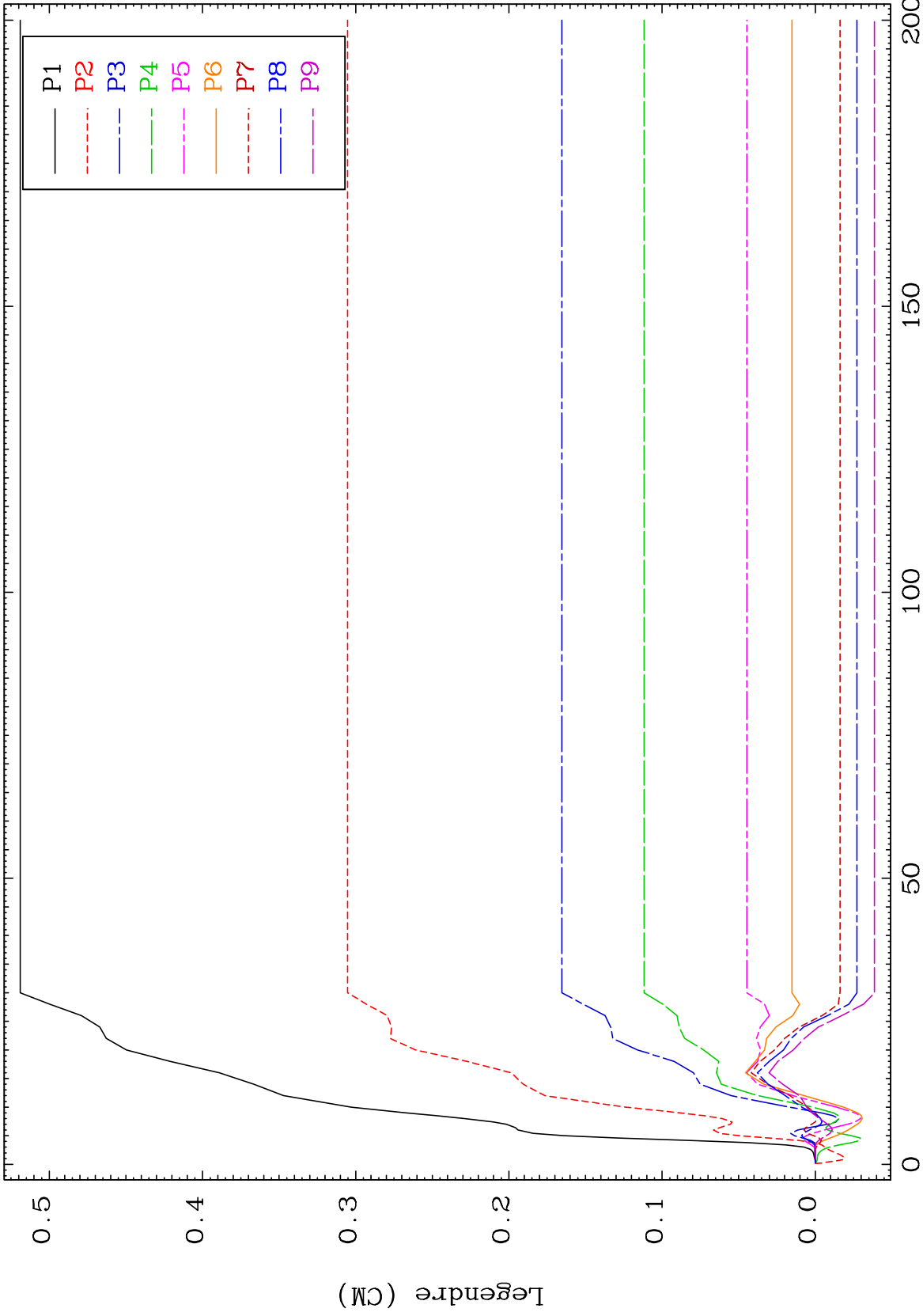
23

62-Sm-157

MAT 6264

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

62-Sm-157



24

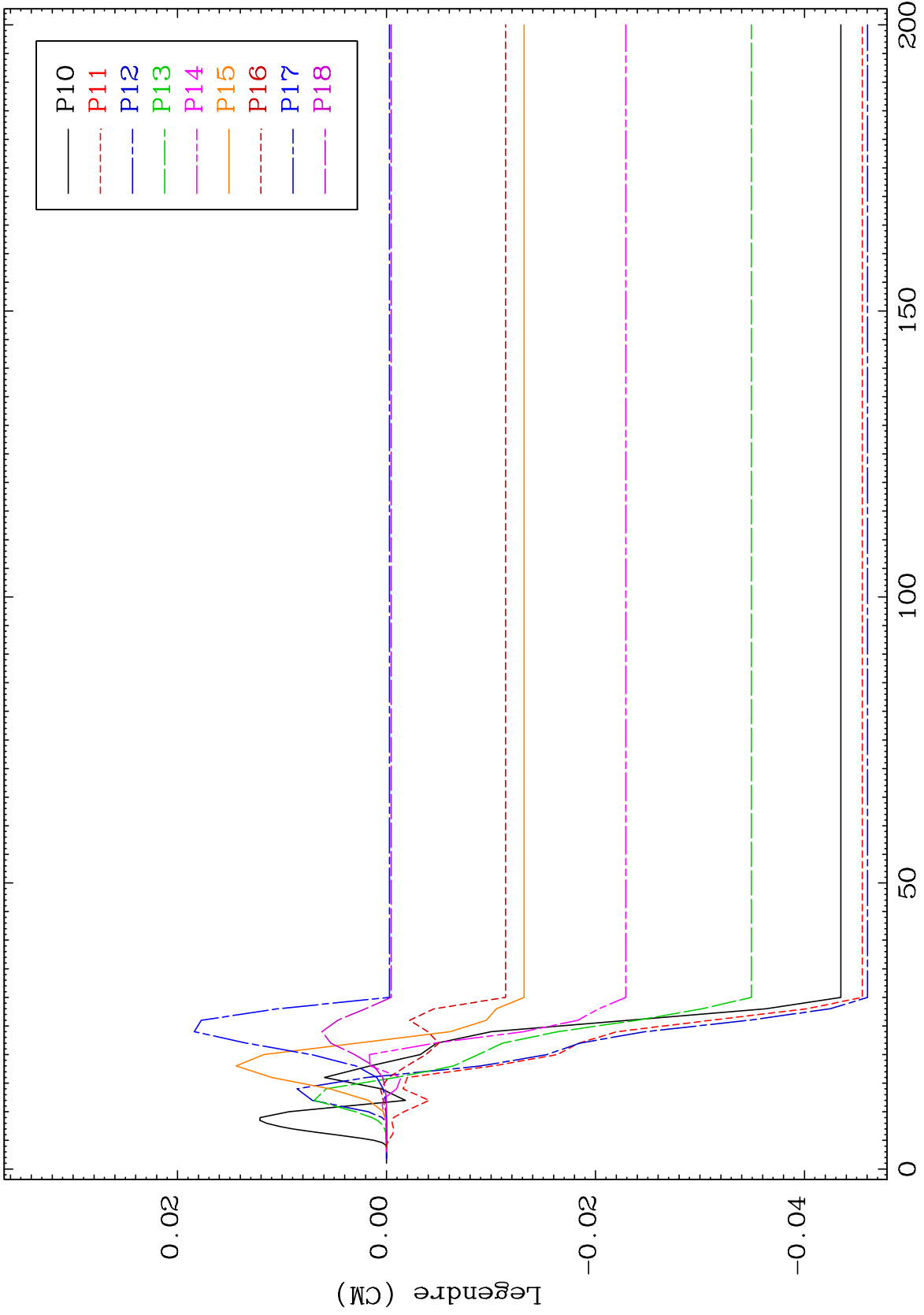
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



25

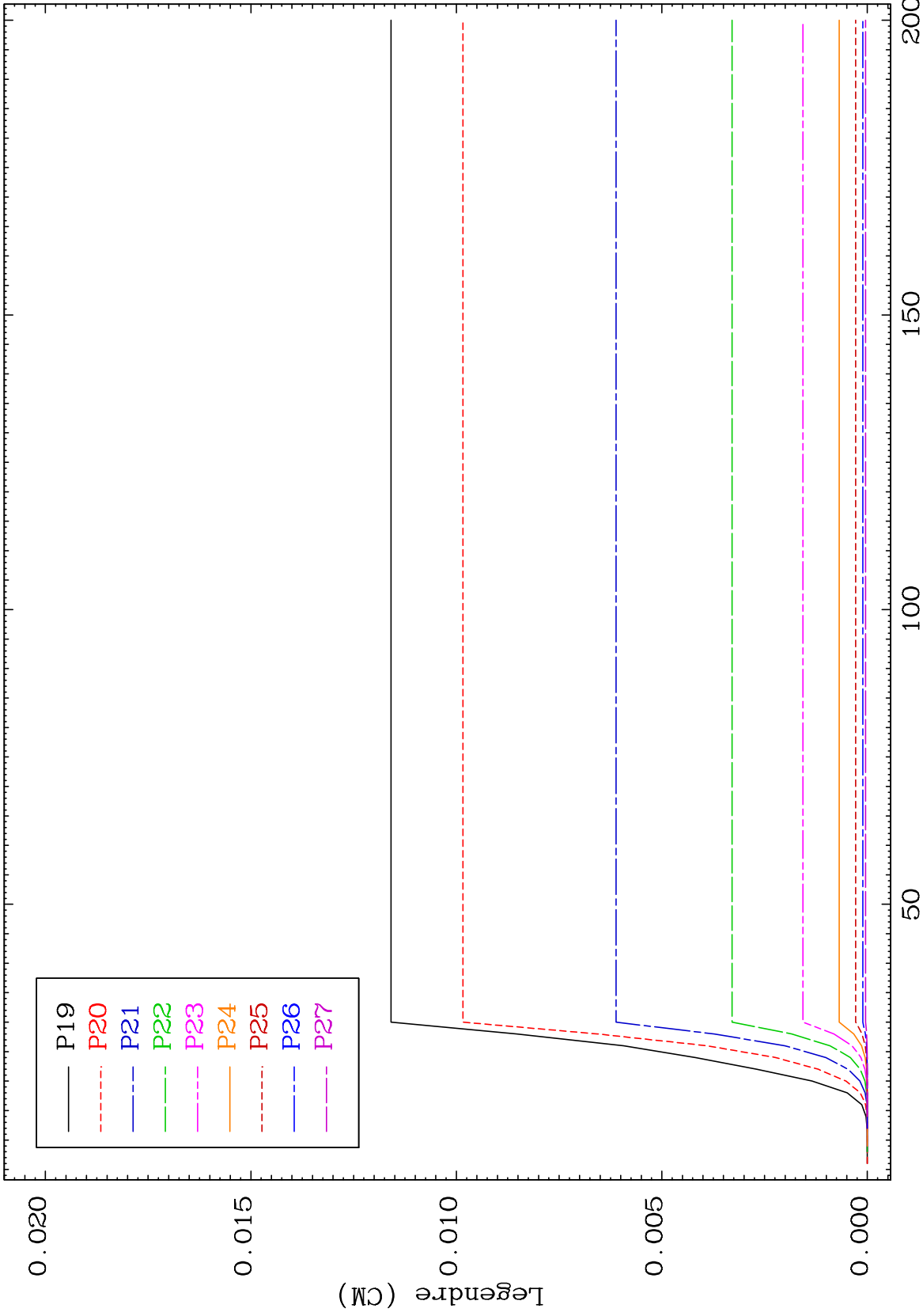
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



26

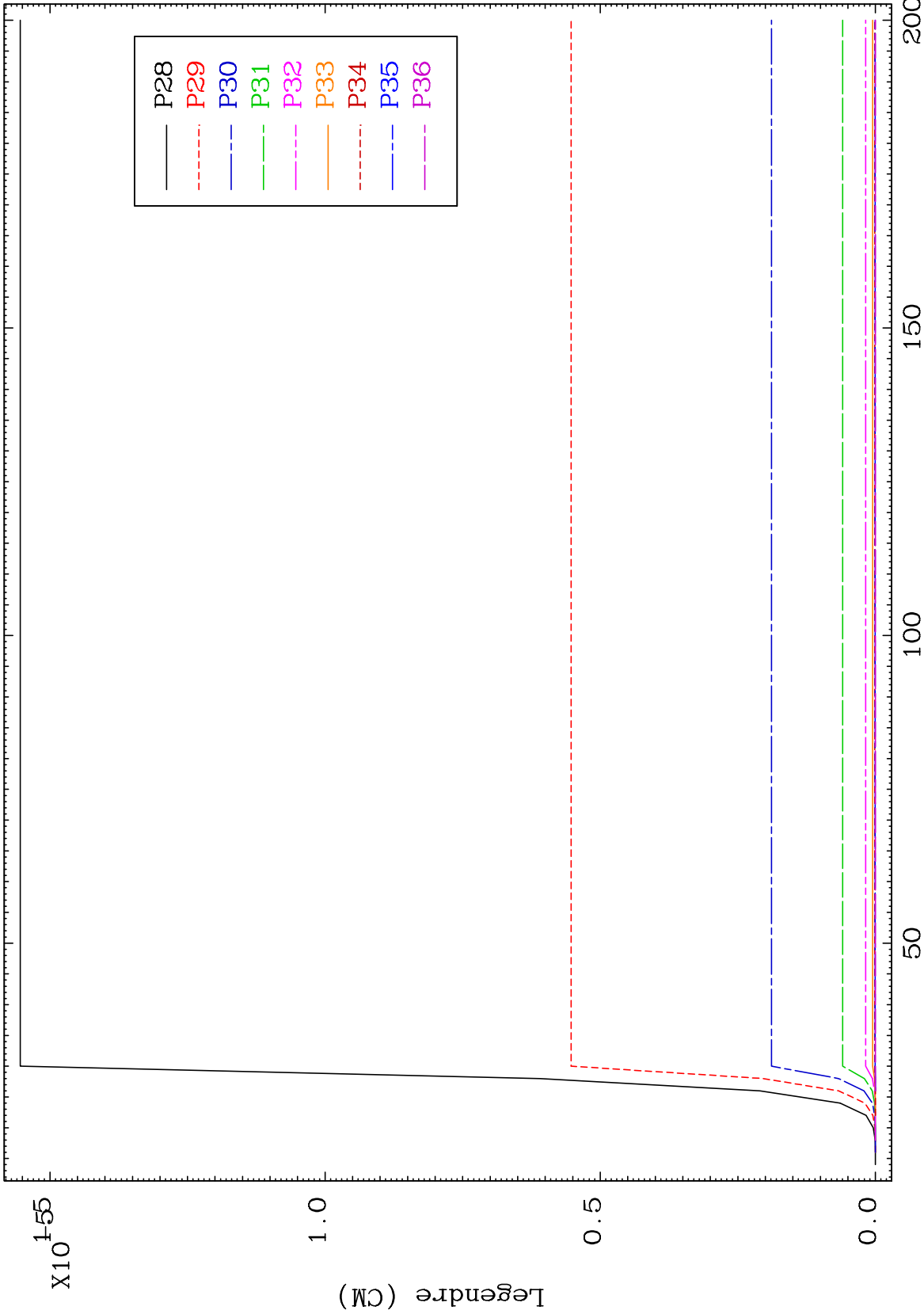
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



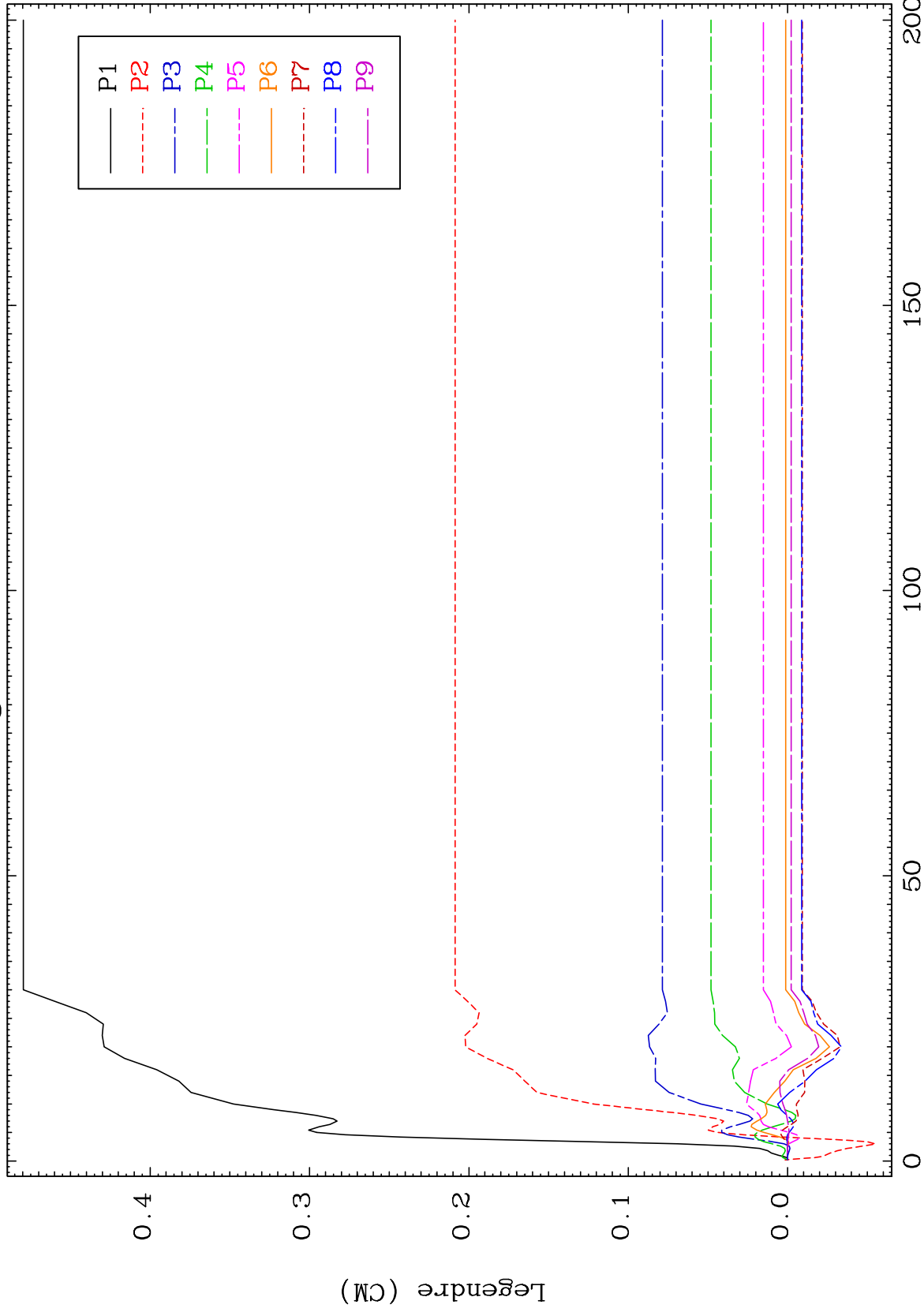
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62-Sm-157

MAT 6264

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

62-Sm-157



28

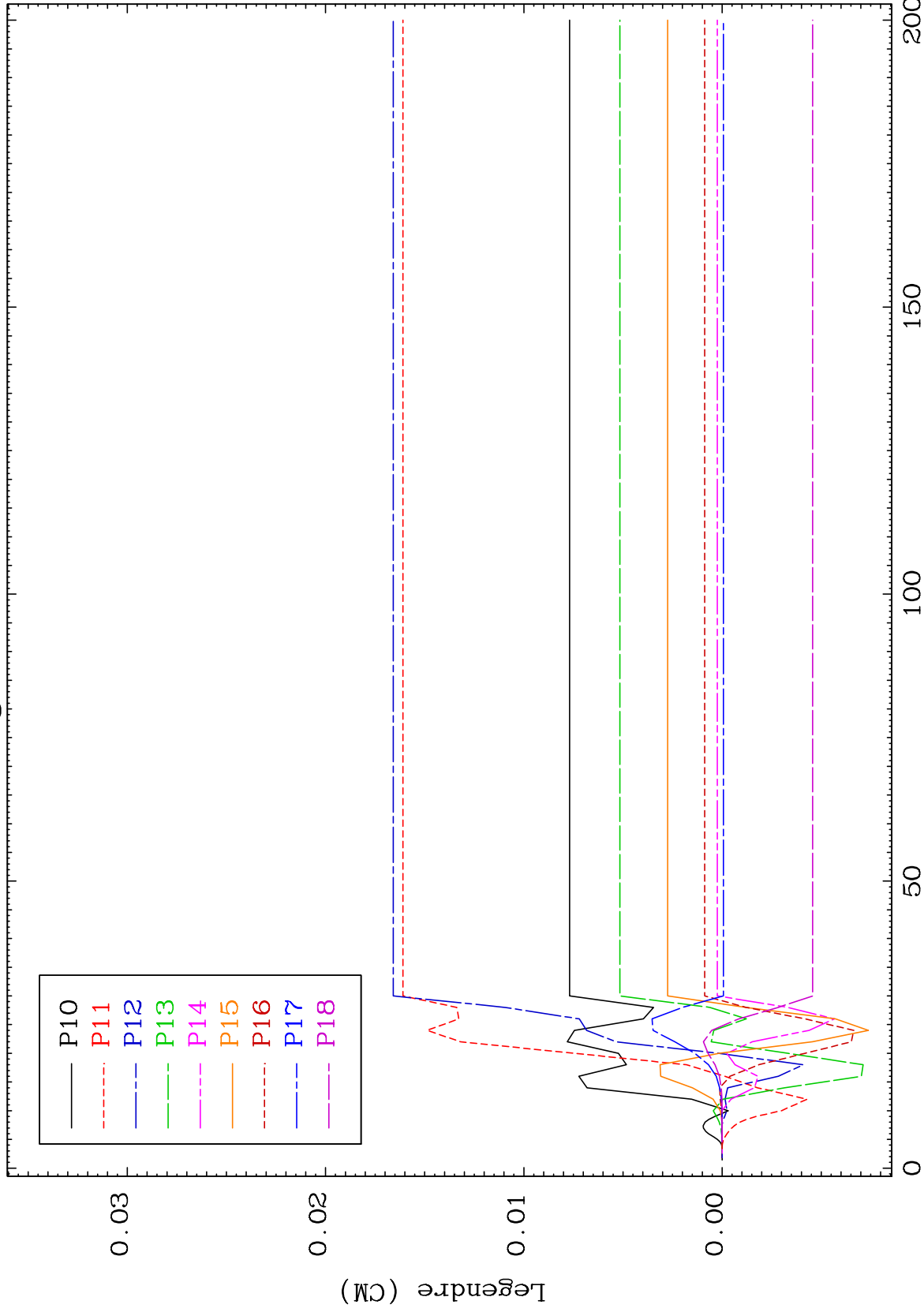
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



29

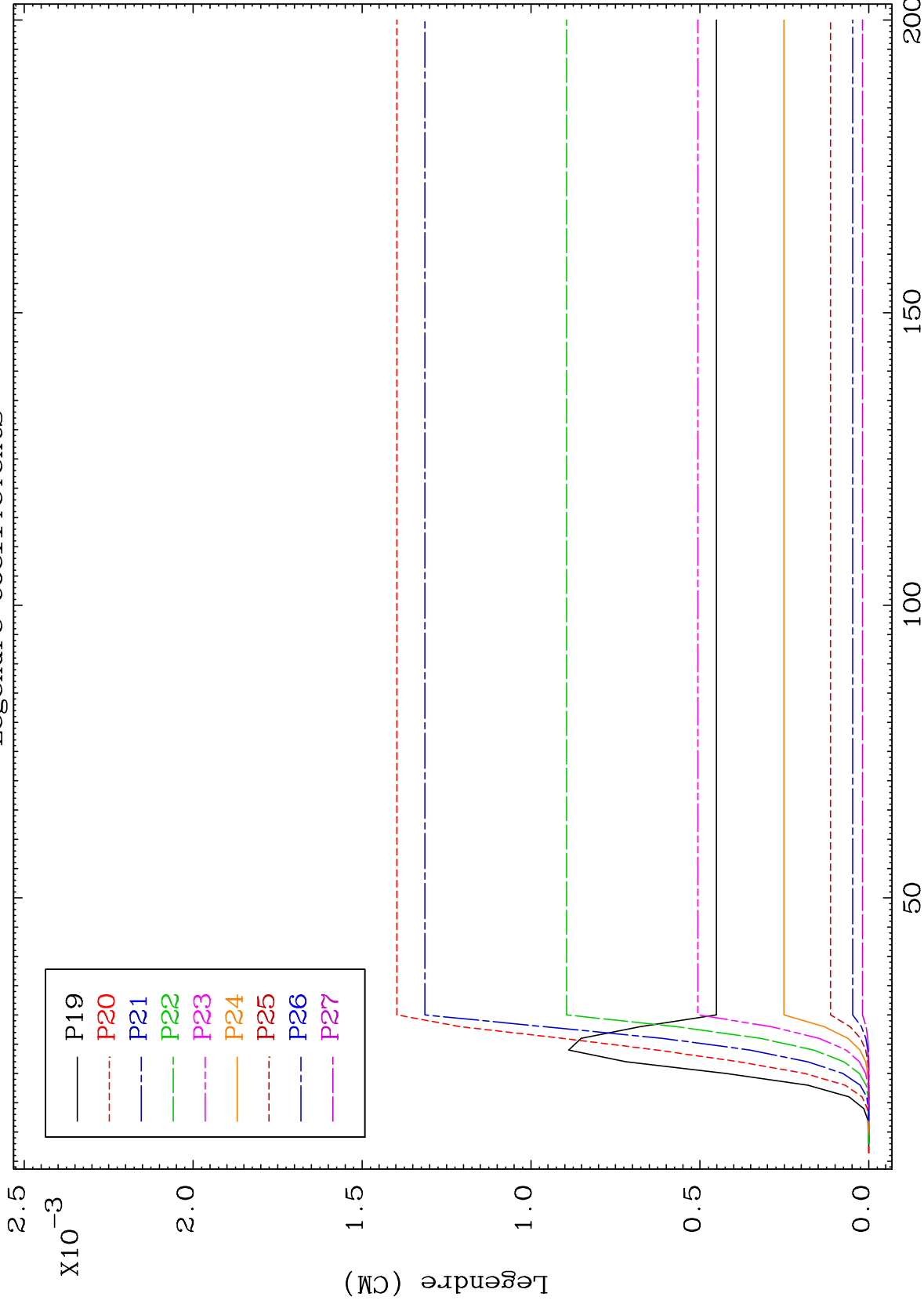
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



30

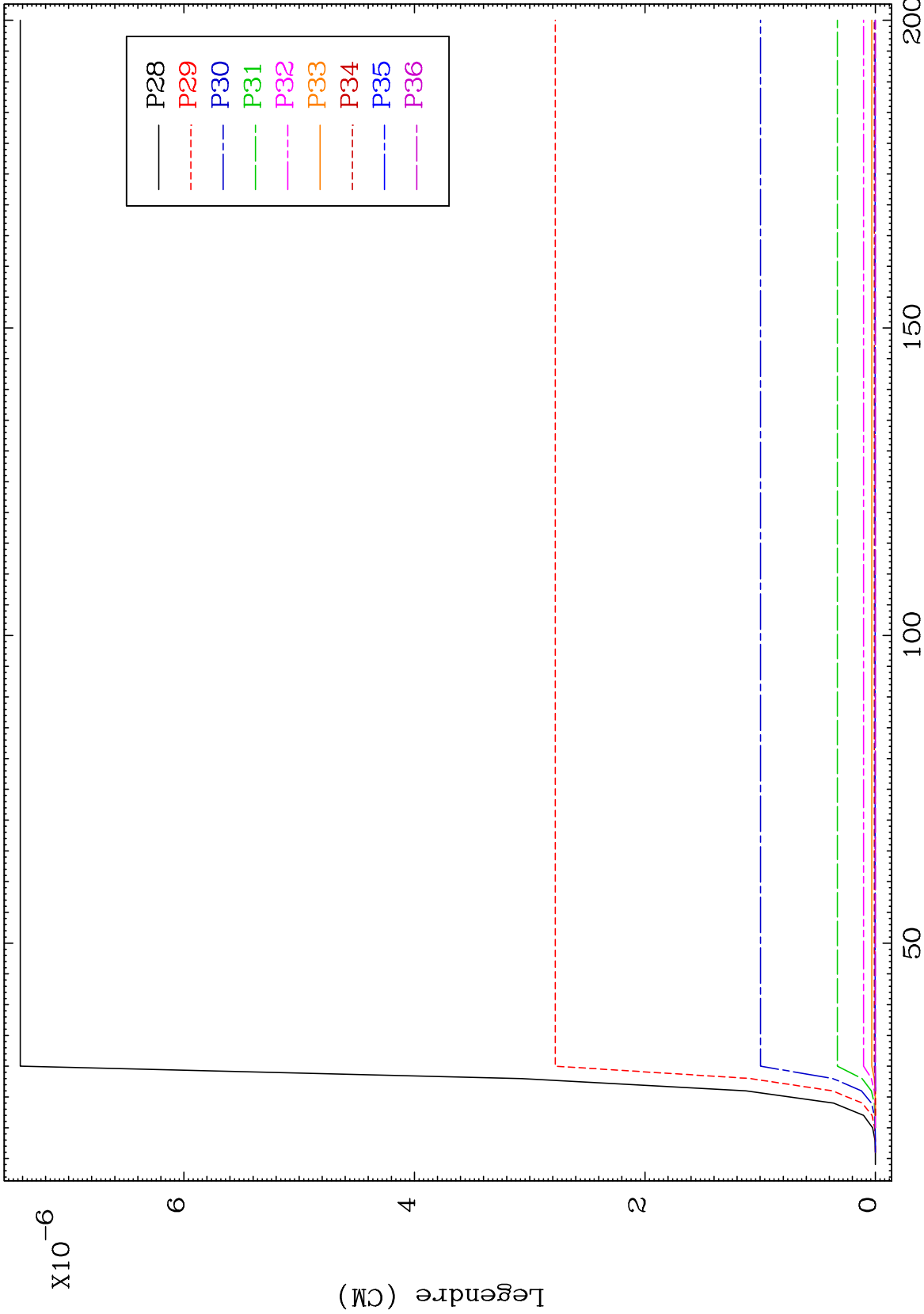
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



31

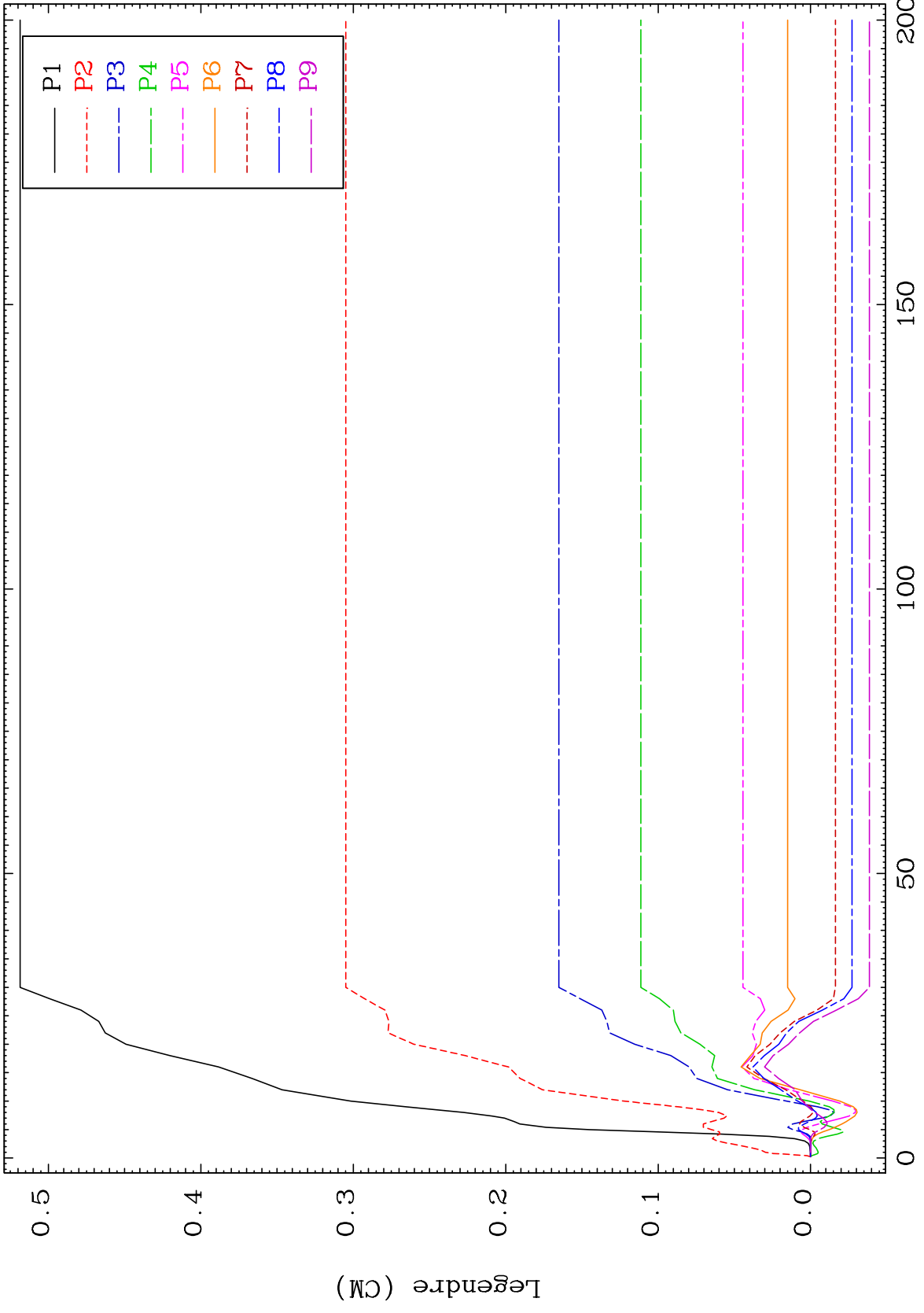
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



32

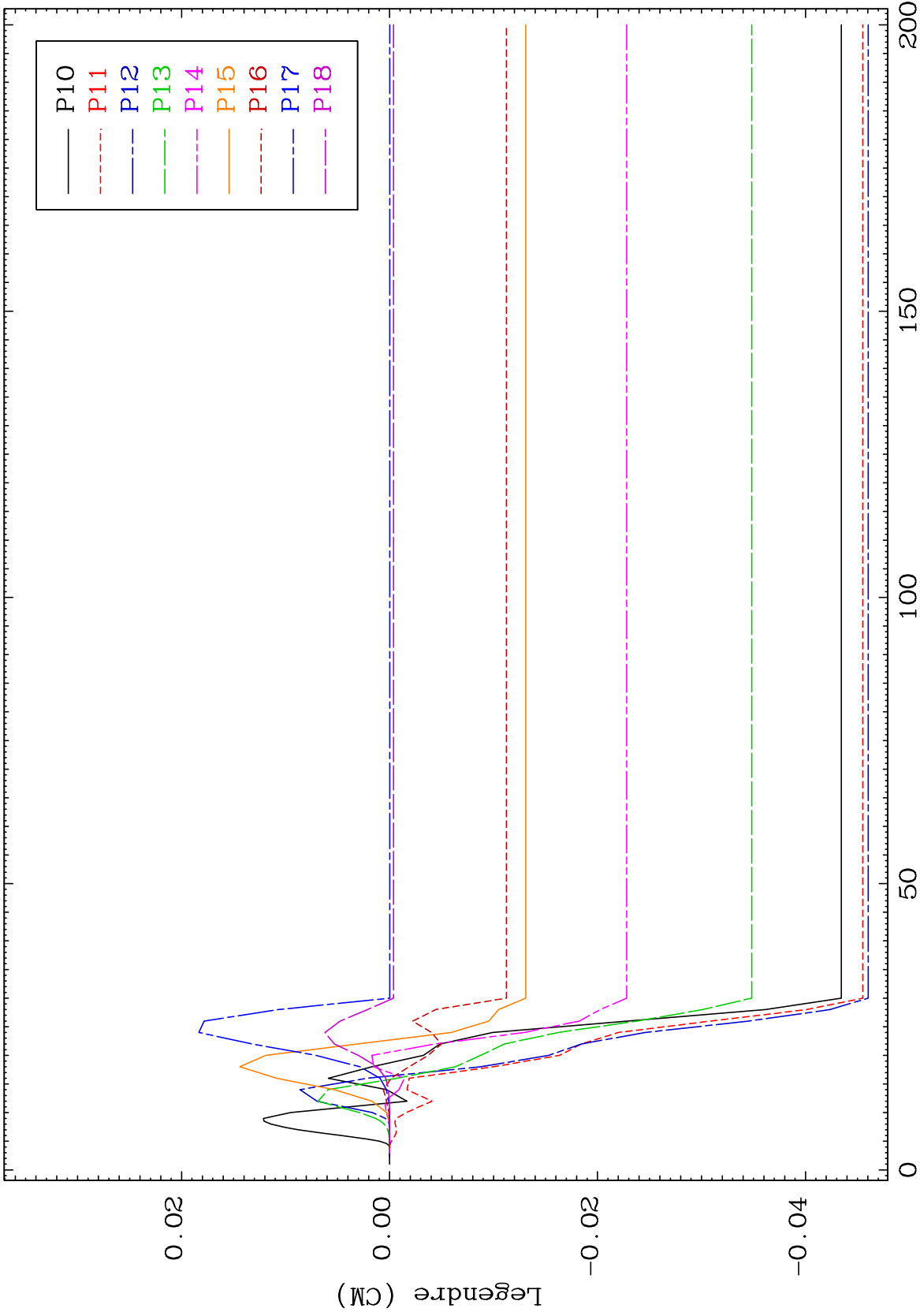
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



33

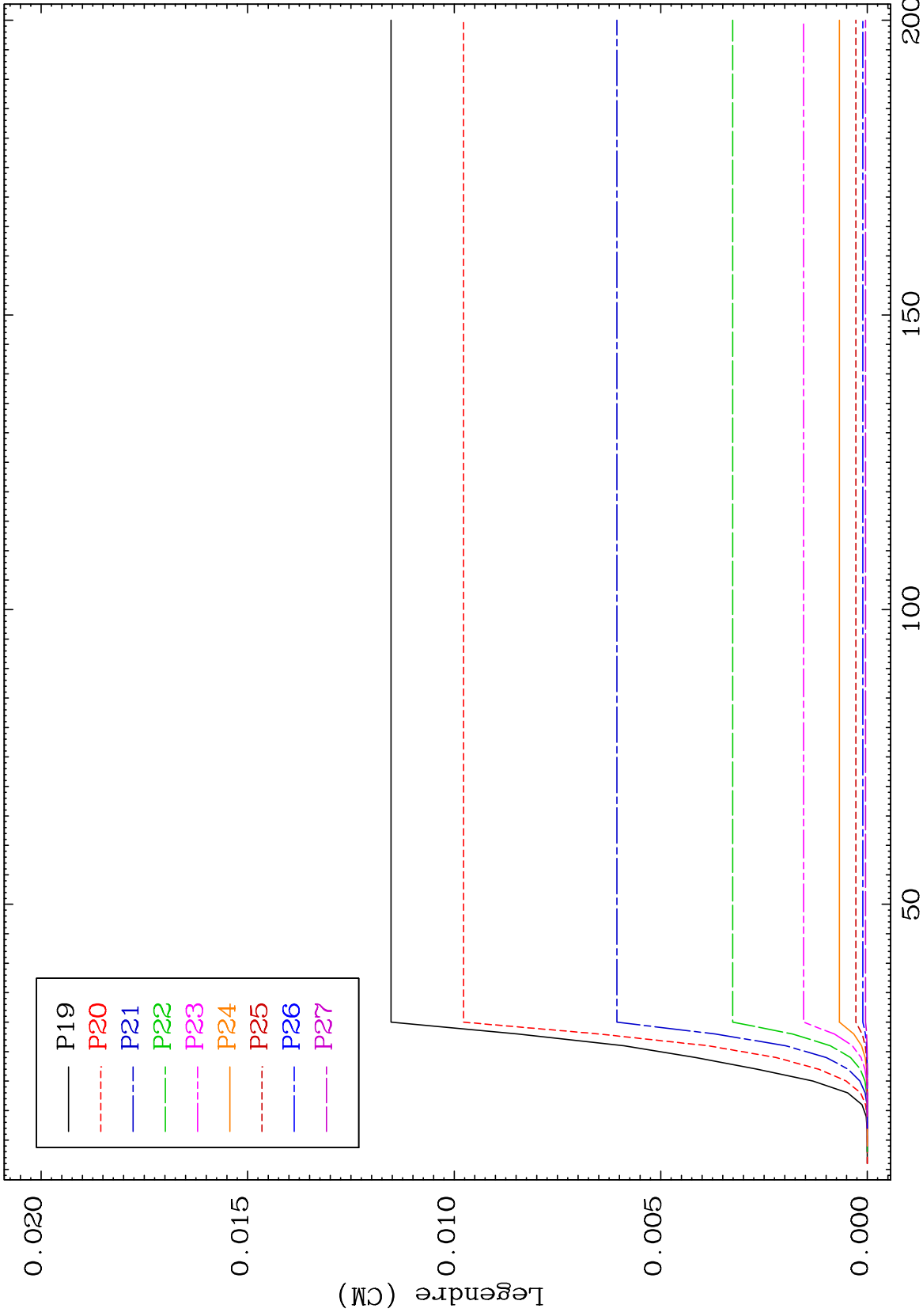
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



34

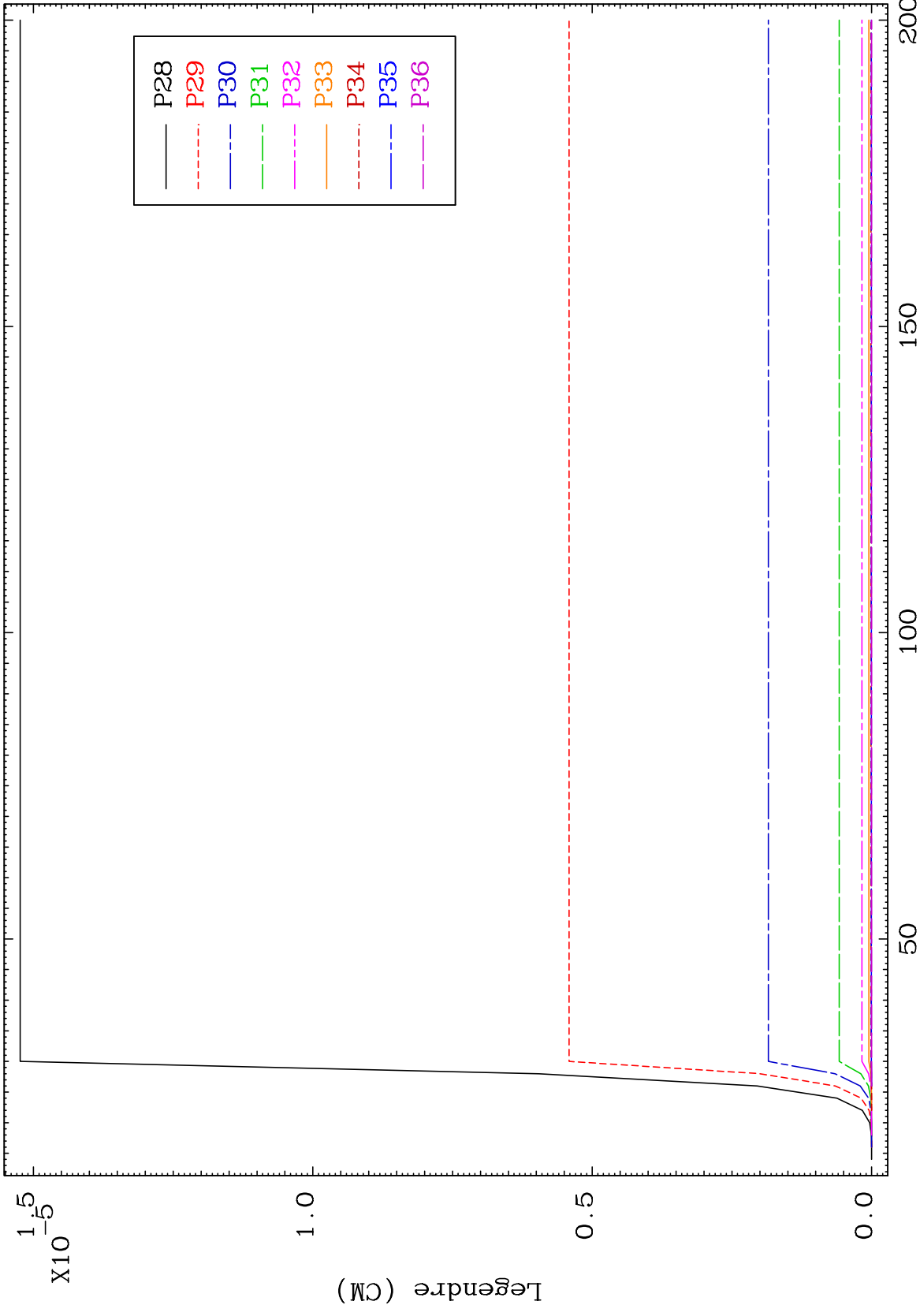
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



35

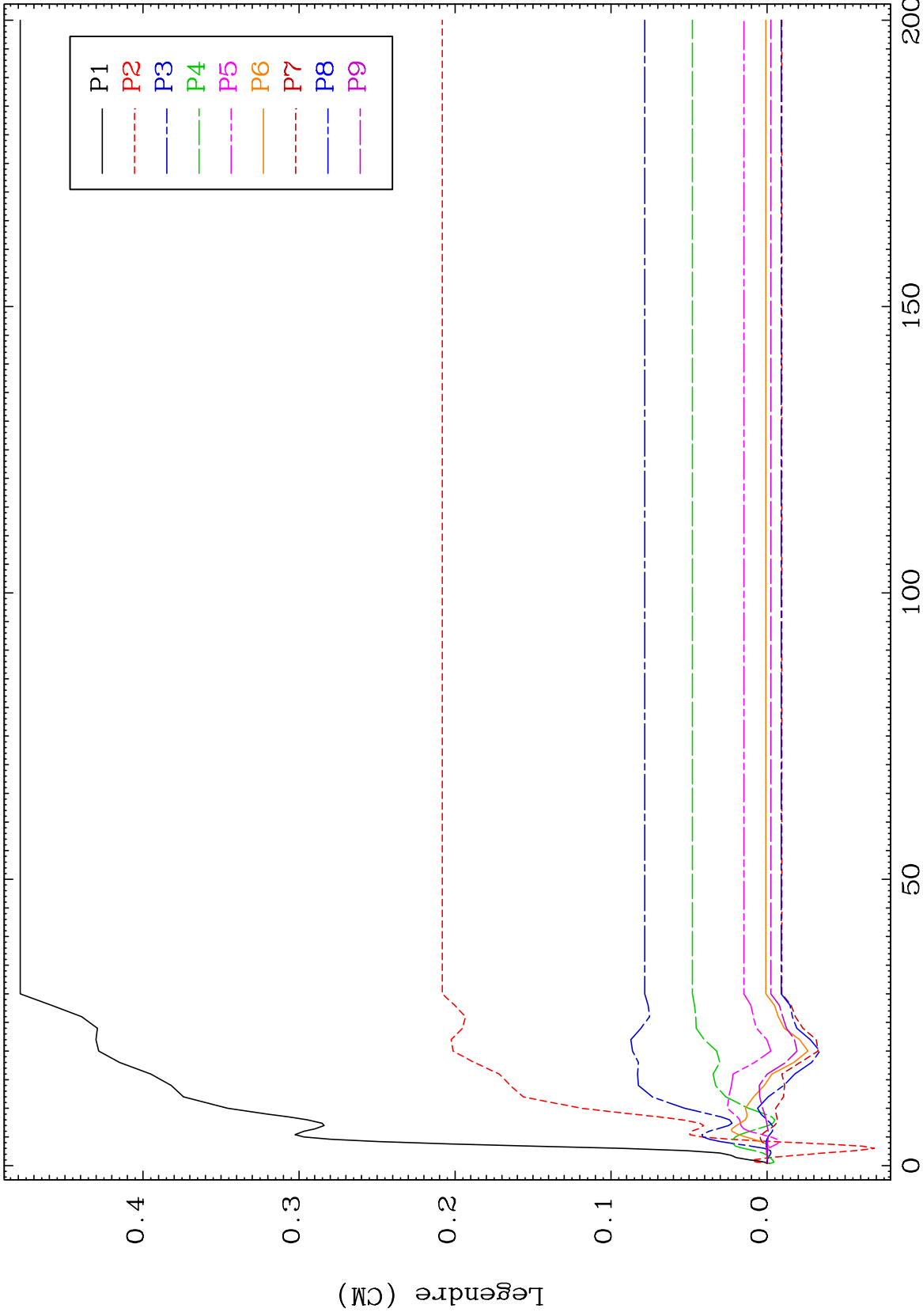
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



36

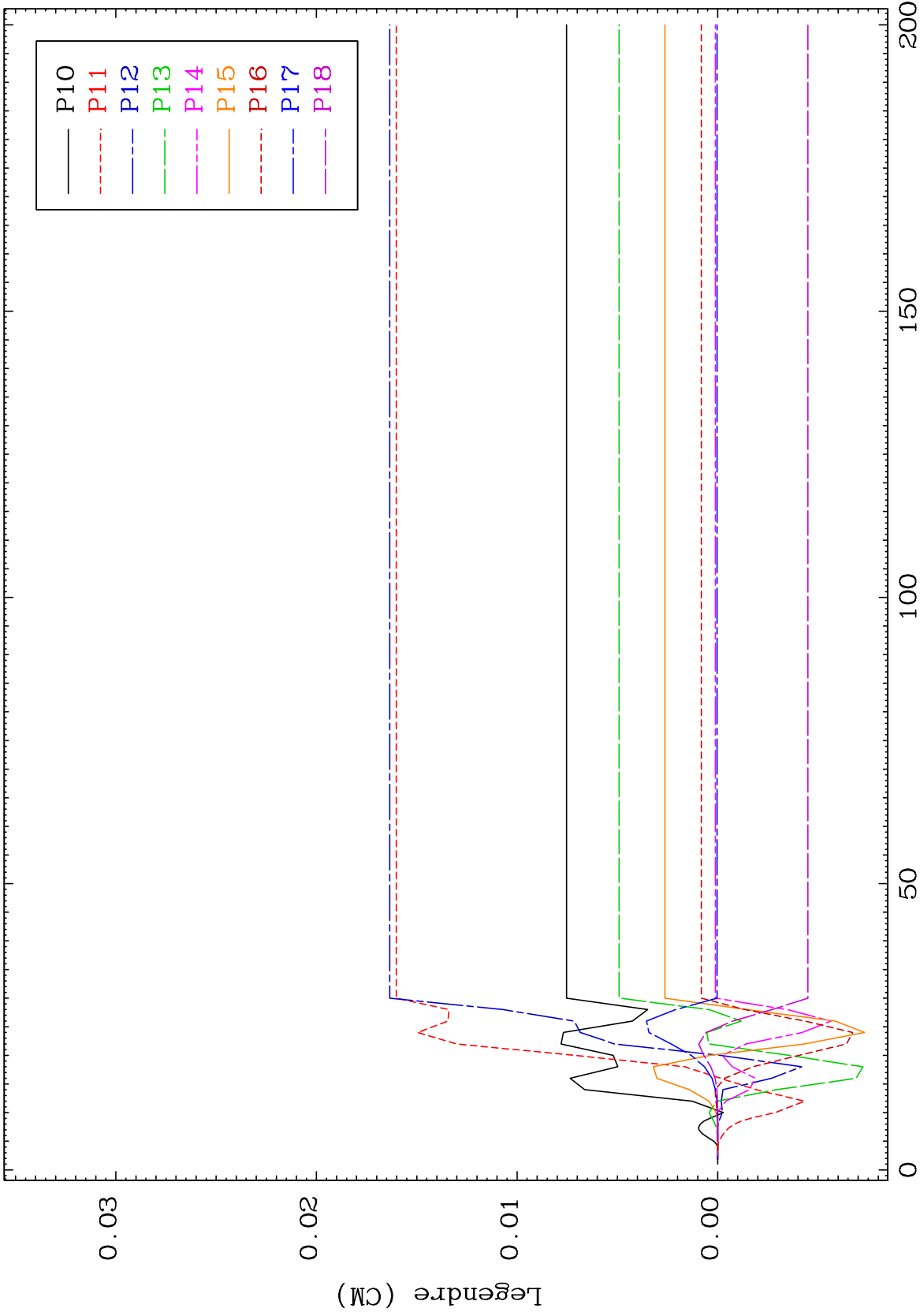
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



37

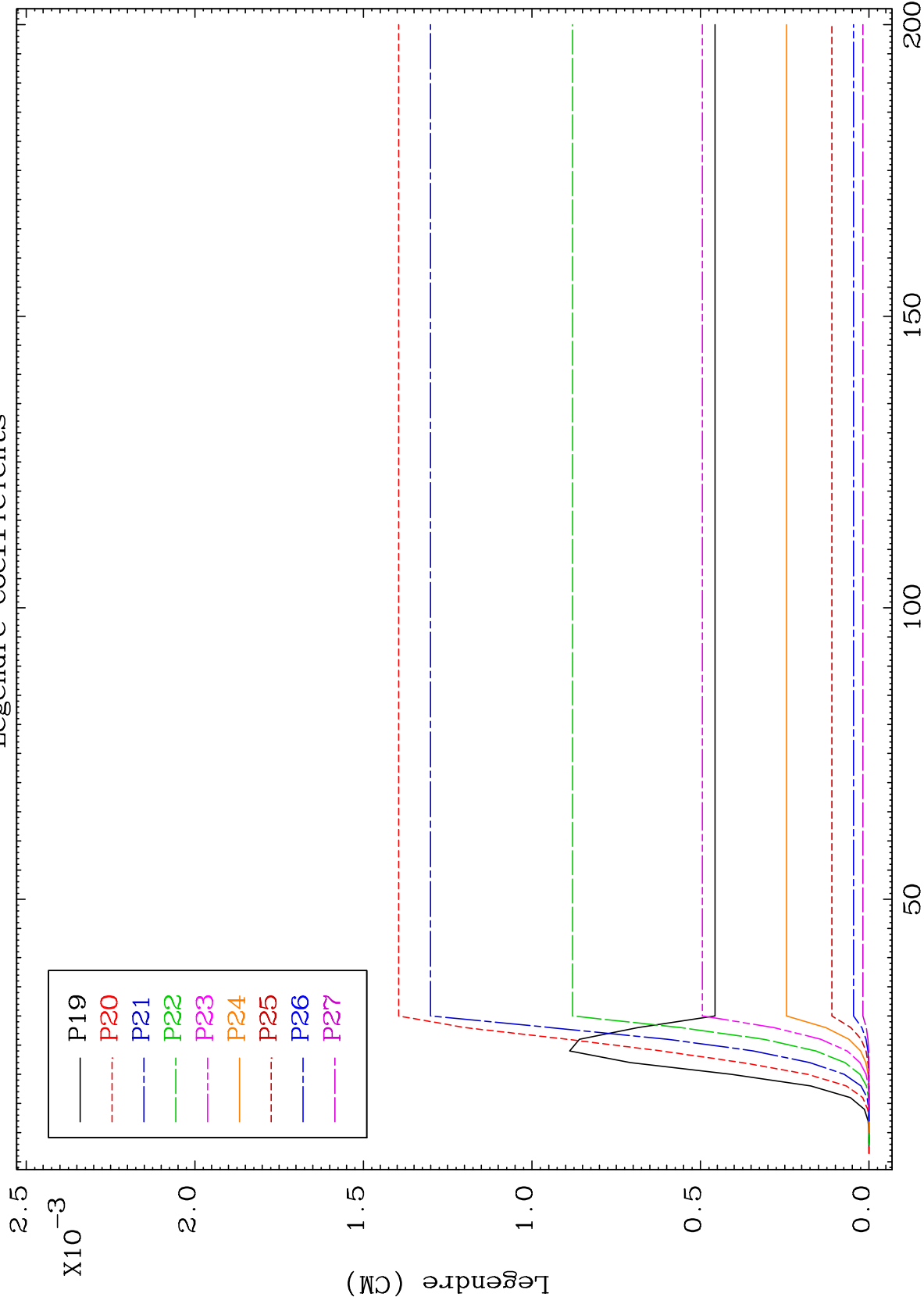
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



38

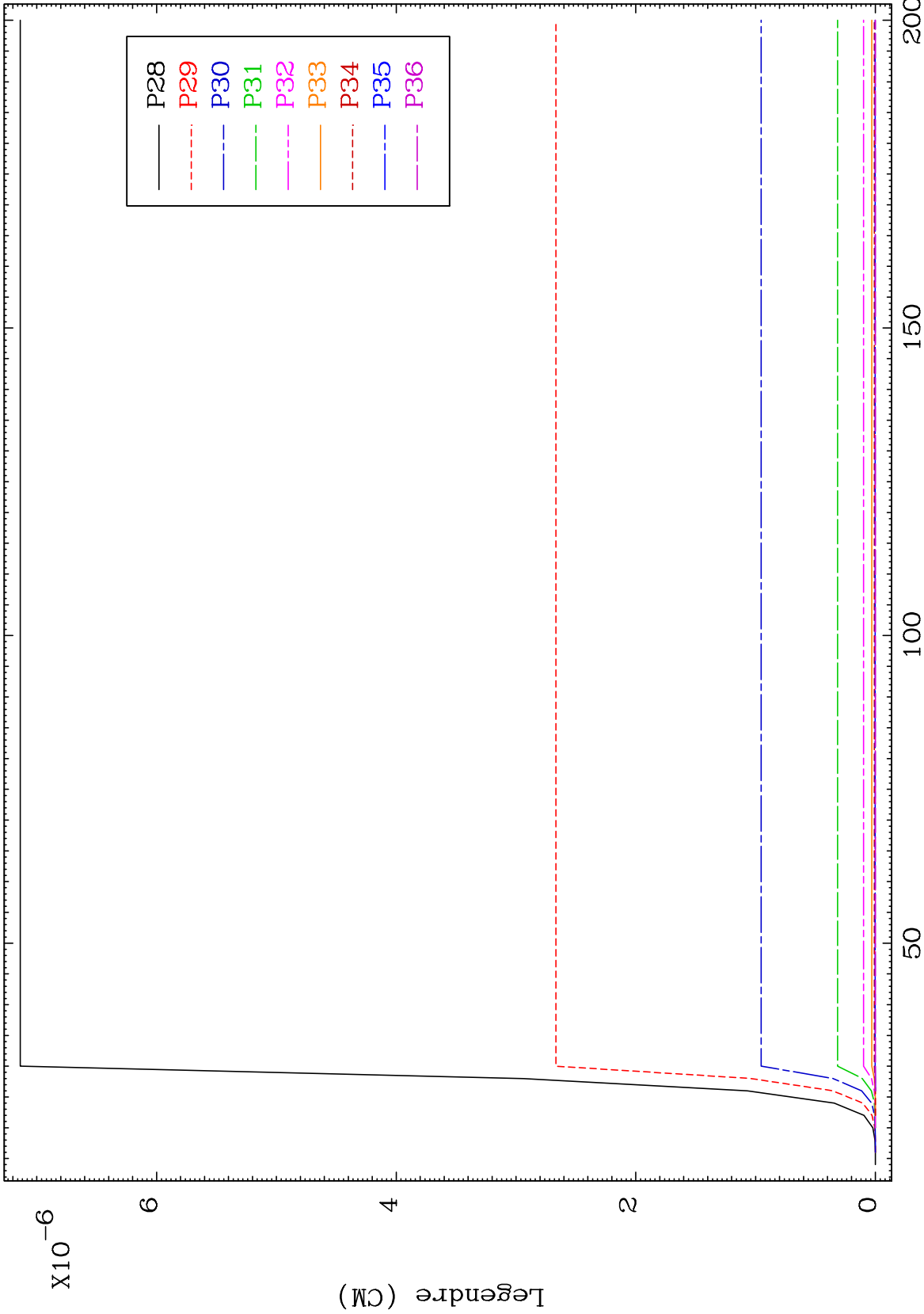
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



39

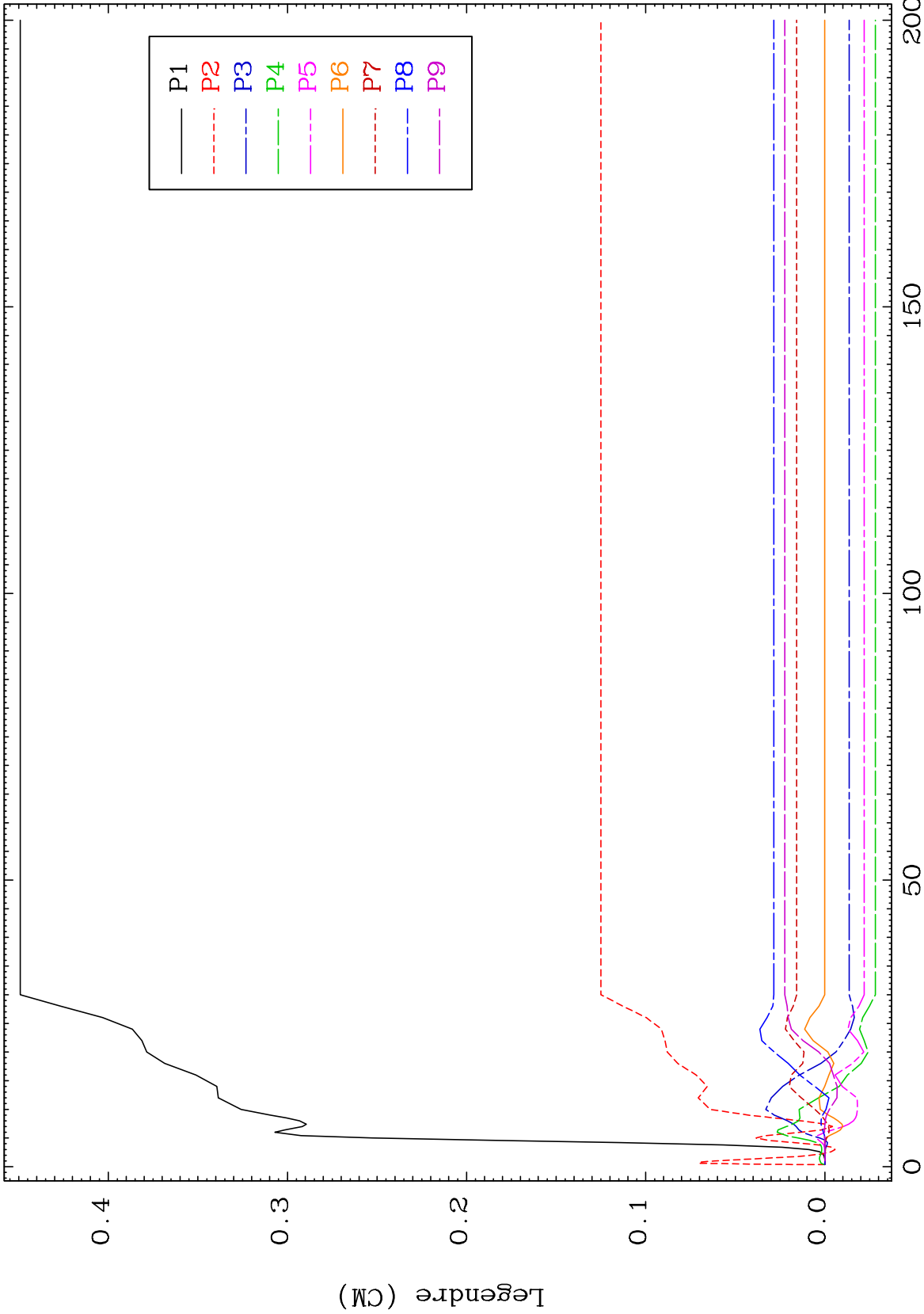
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

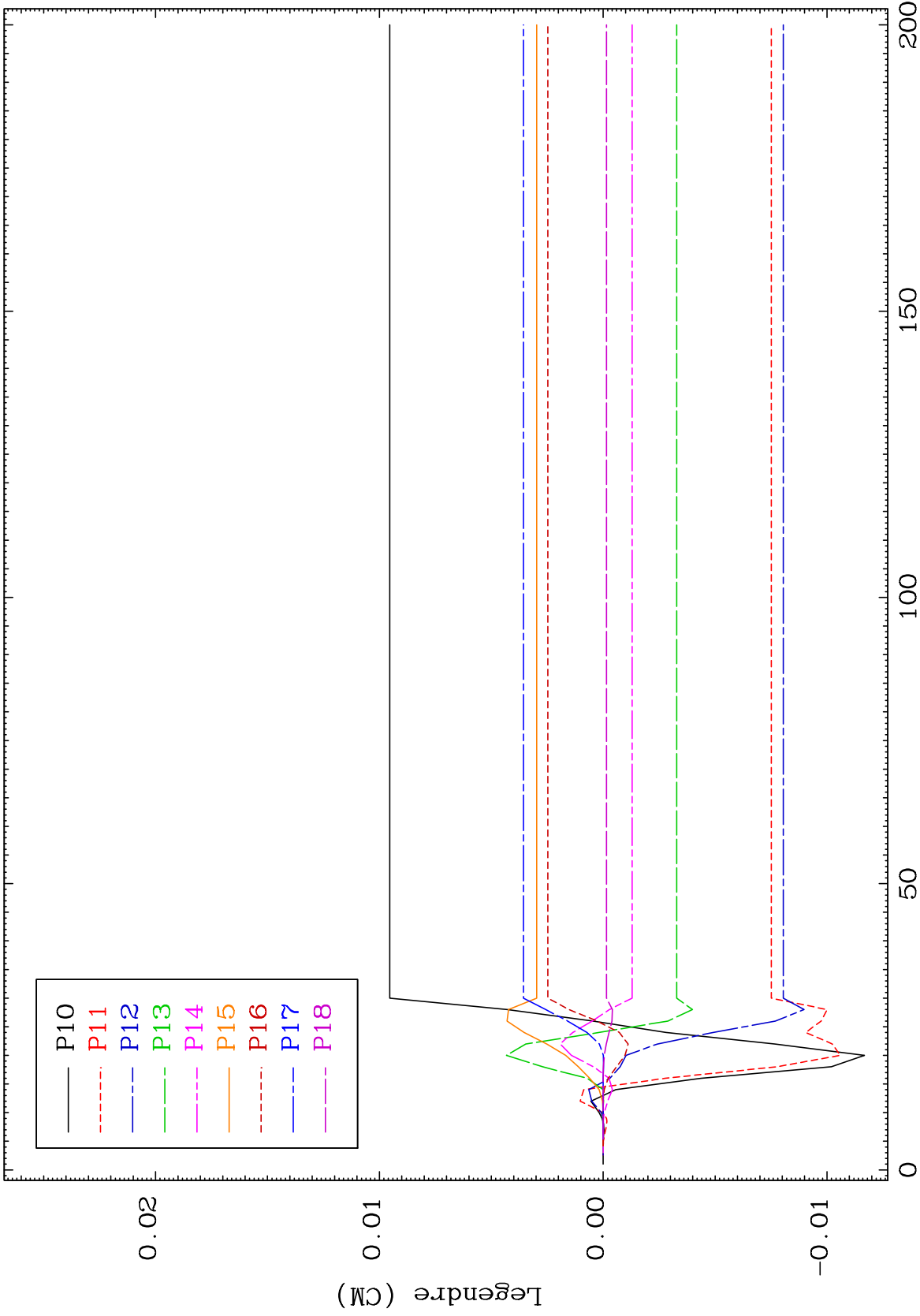
Incident Energy (MeV)

40

MAT 6264

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

62-Sm-157



41

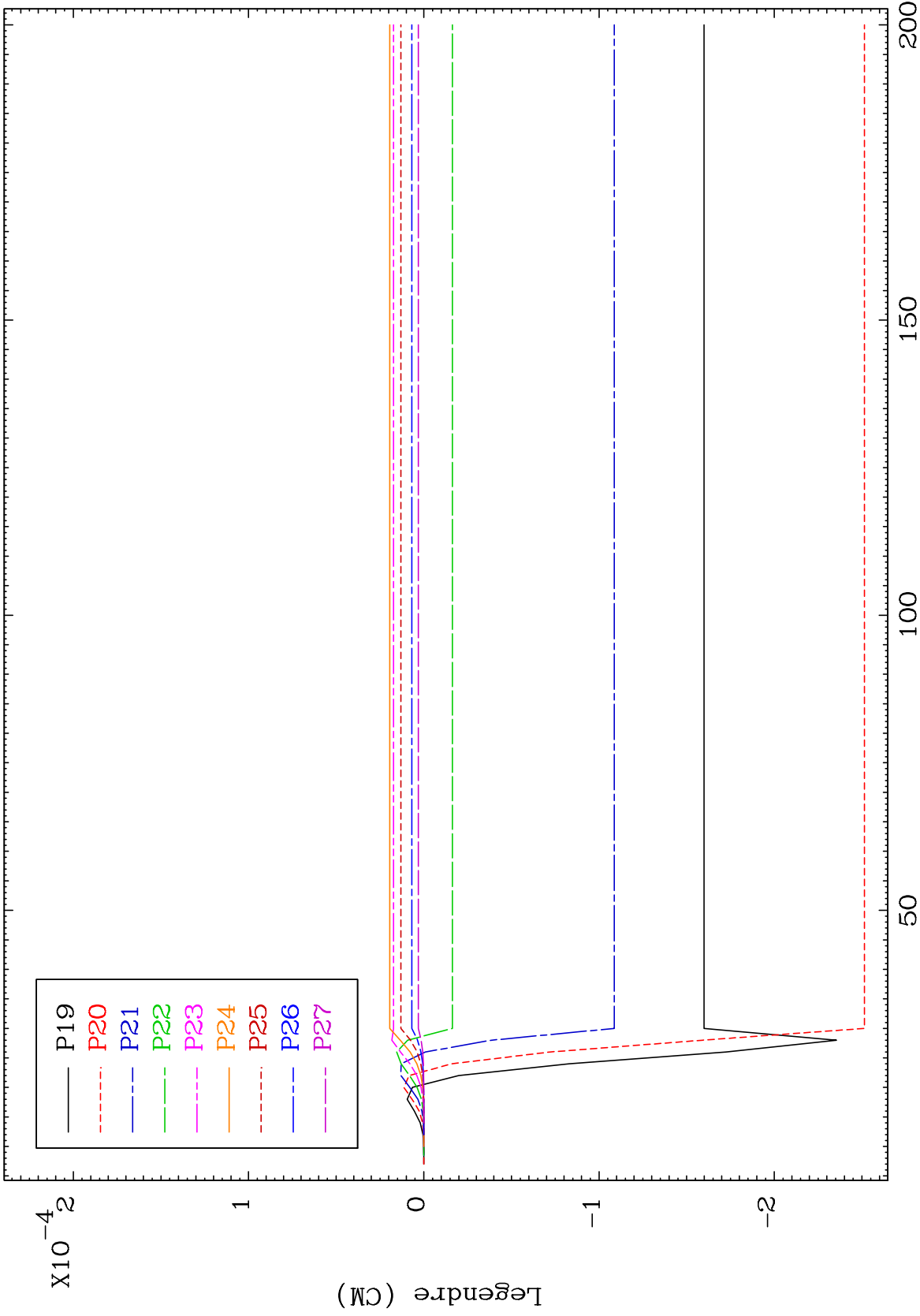
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



42

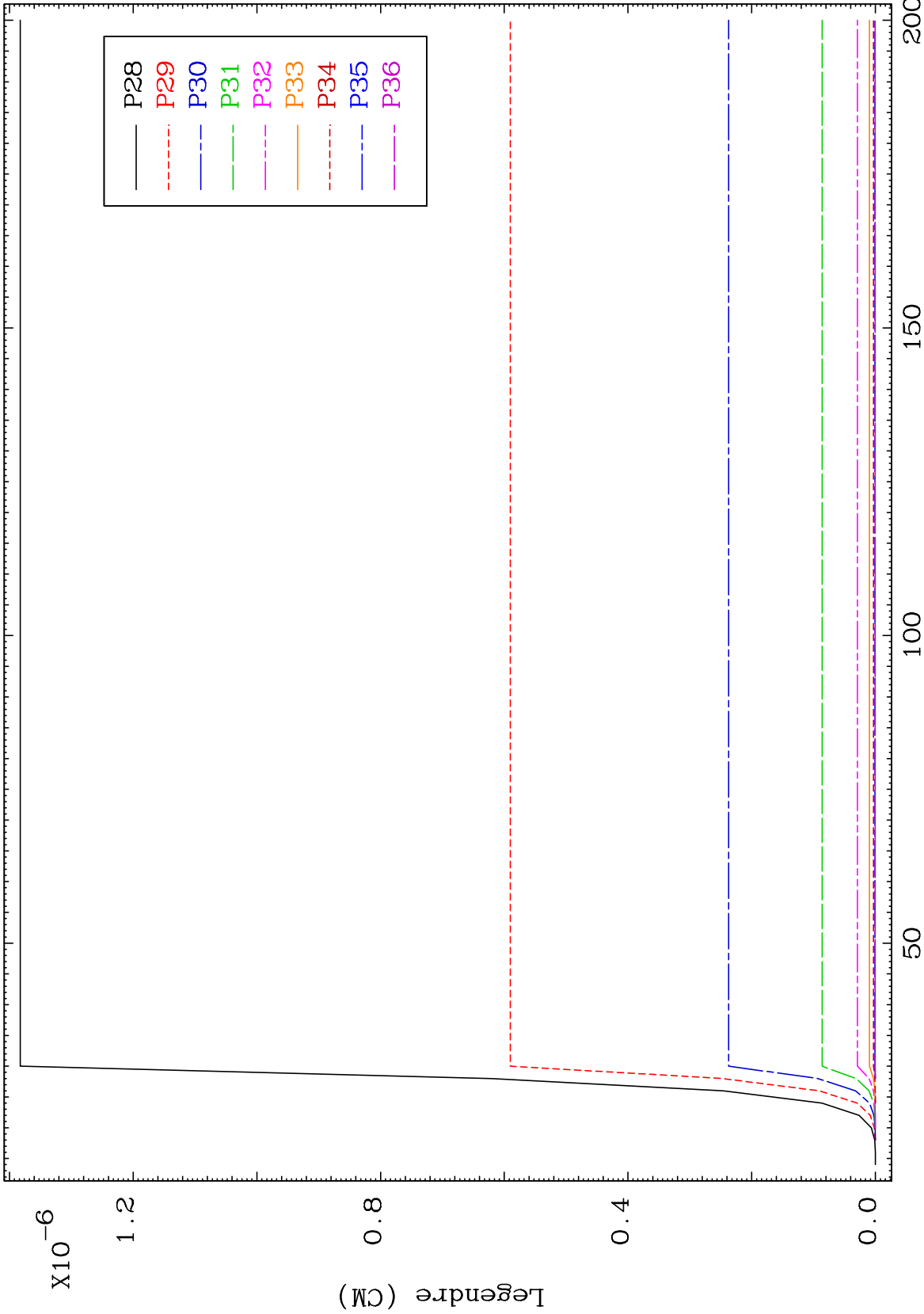
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



43

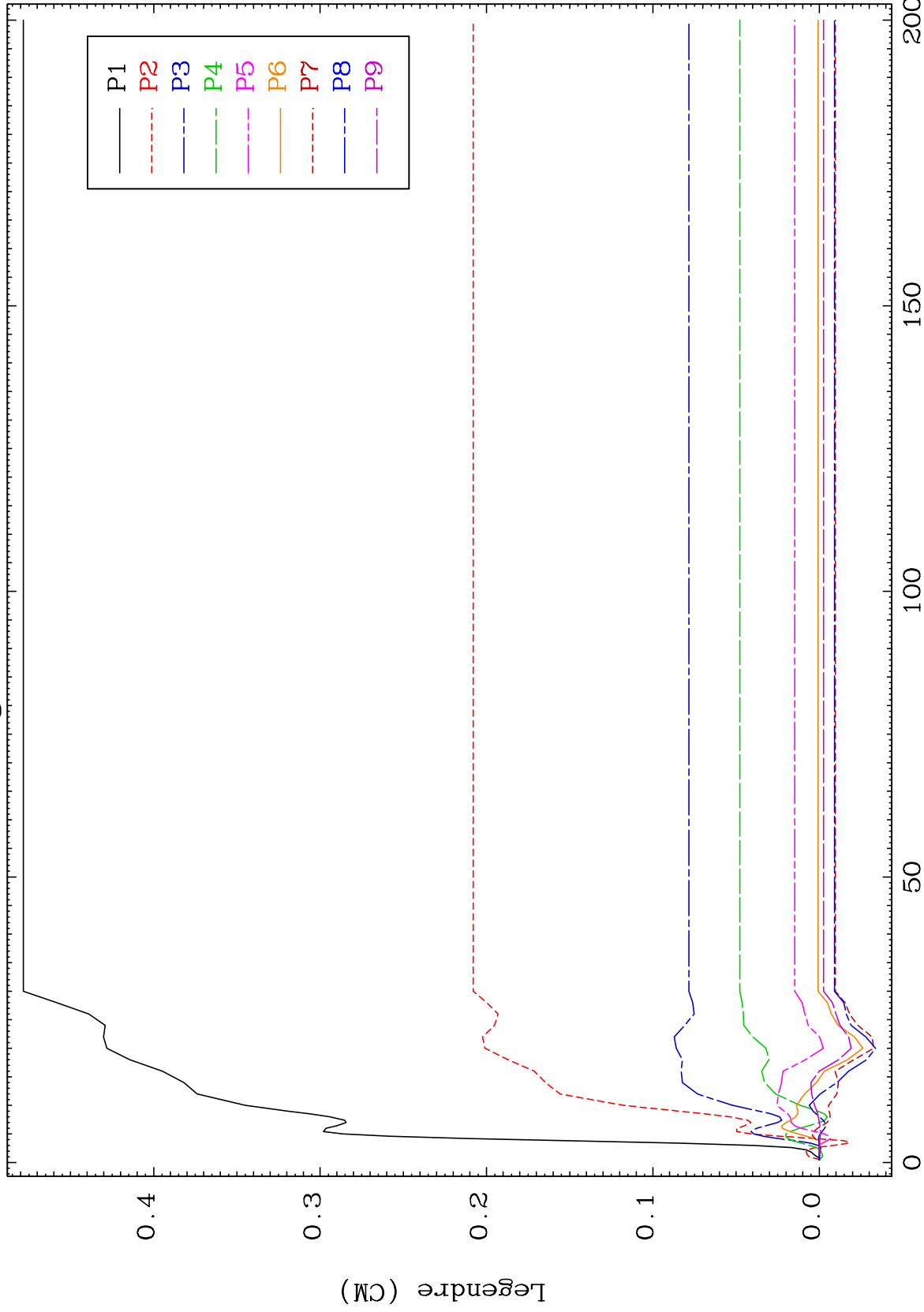
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



44

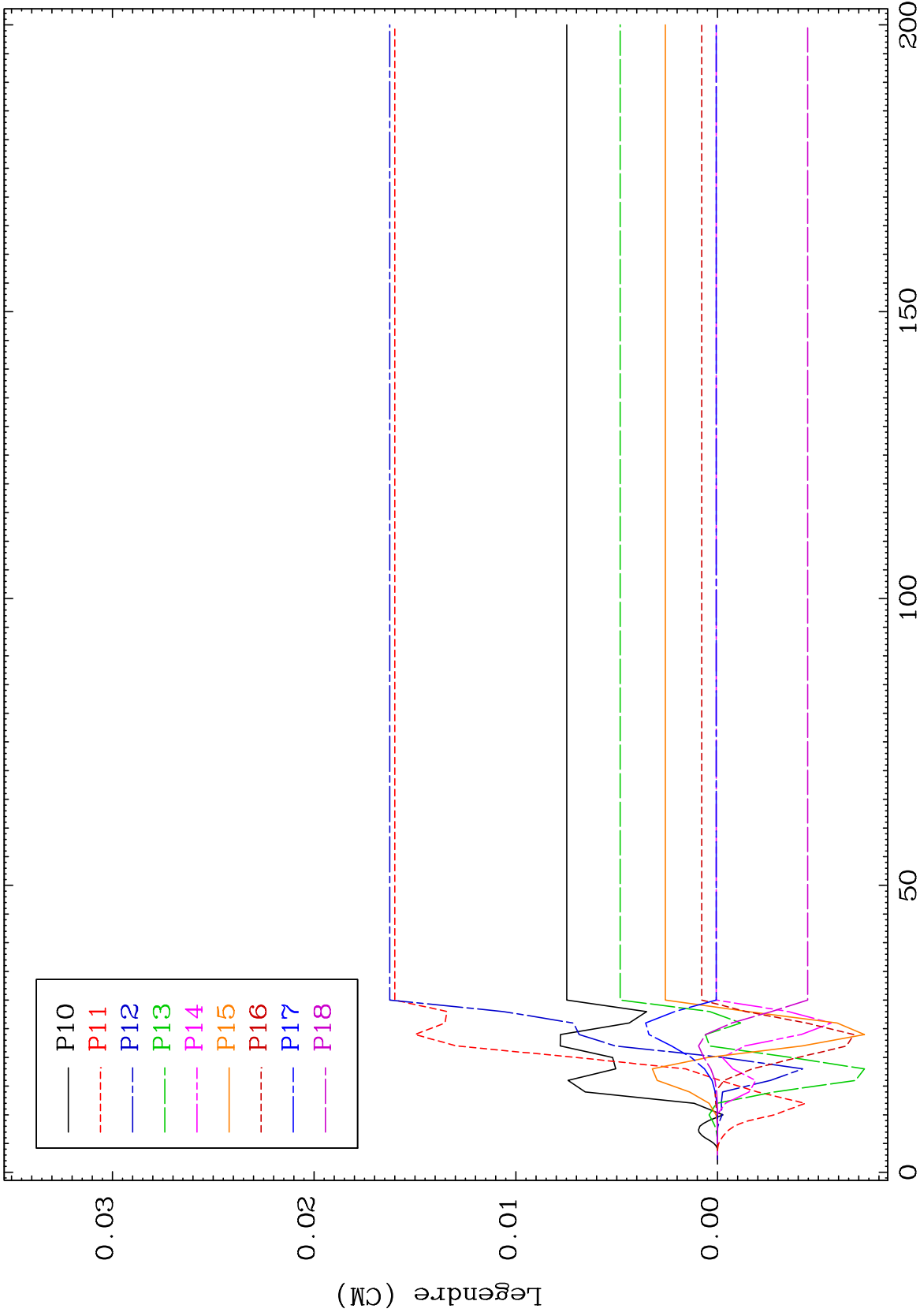
62-Sm-157

62-Sm-157

MAT 6264

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

62-Sm-157



45

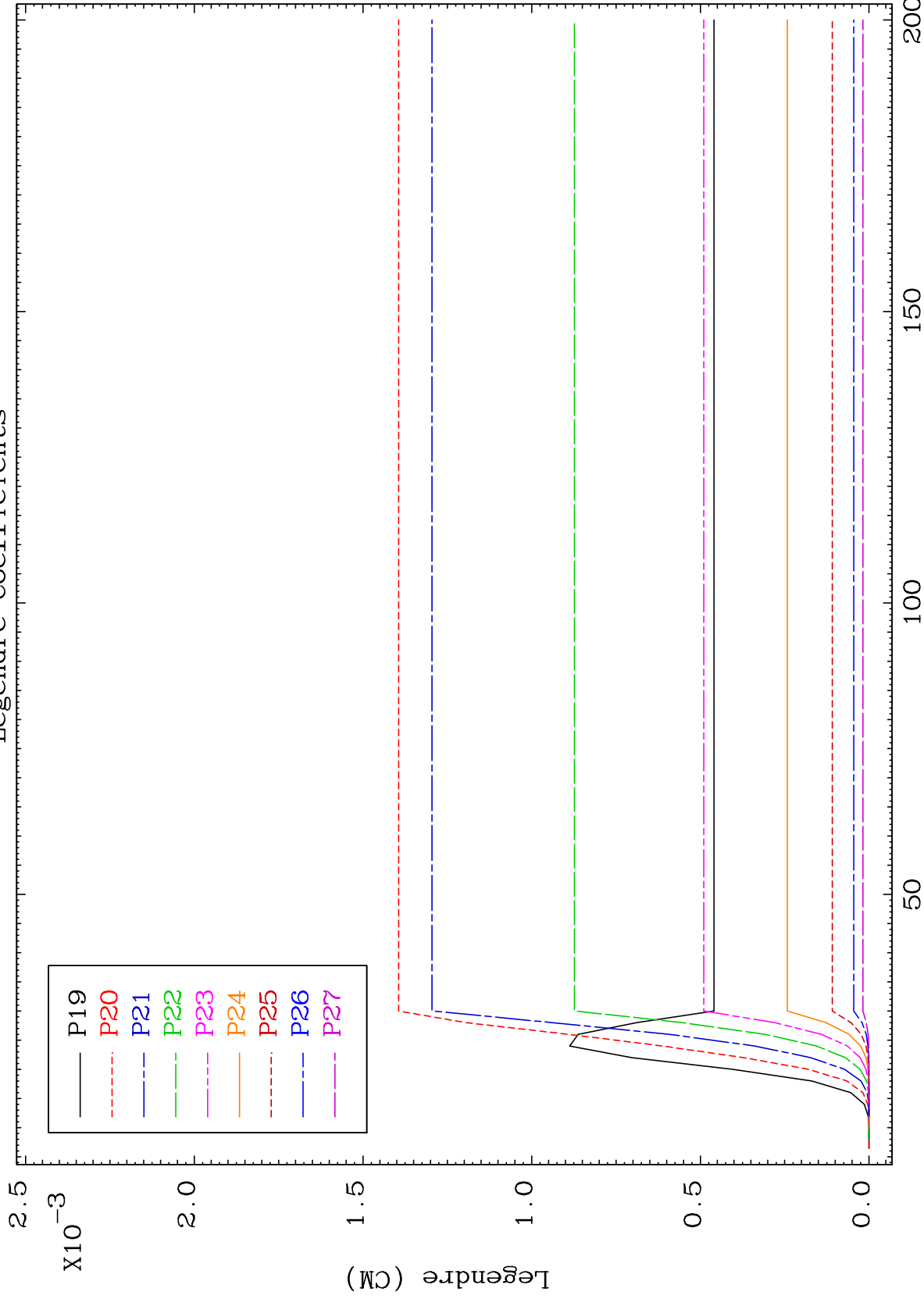
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



46

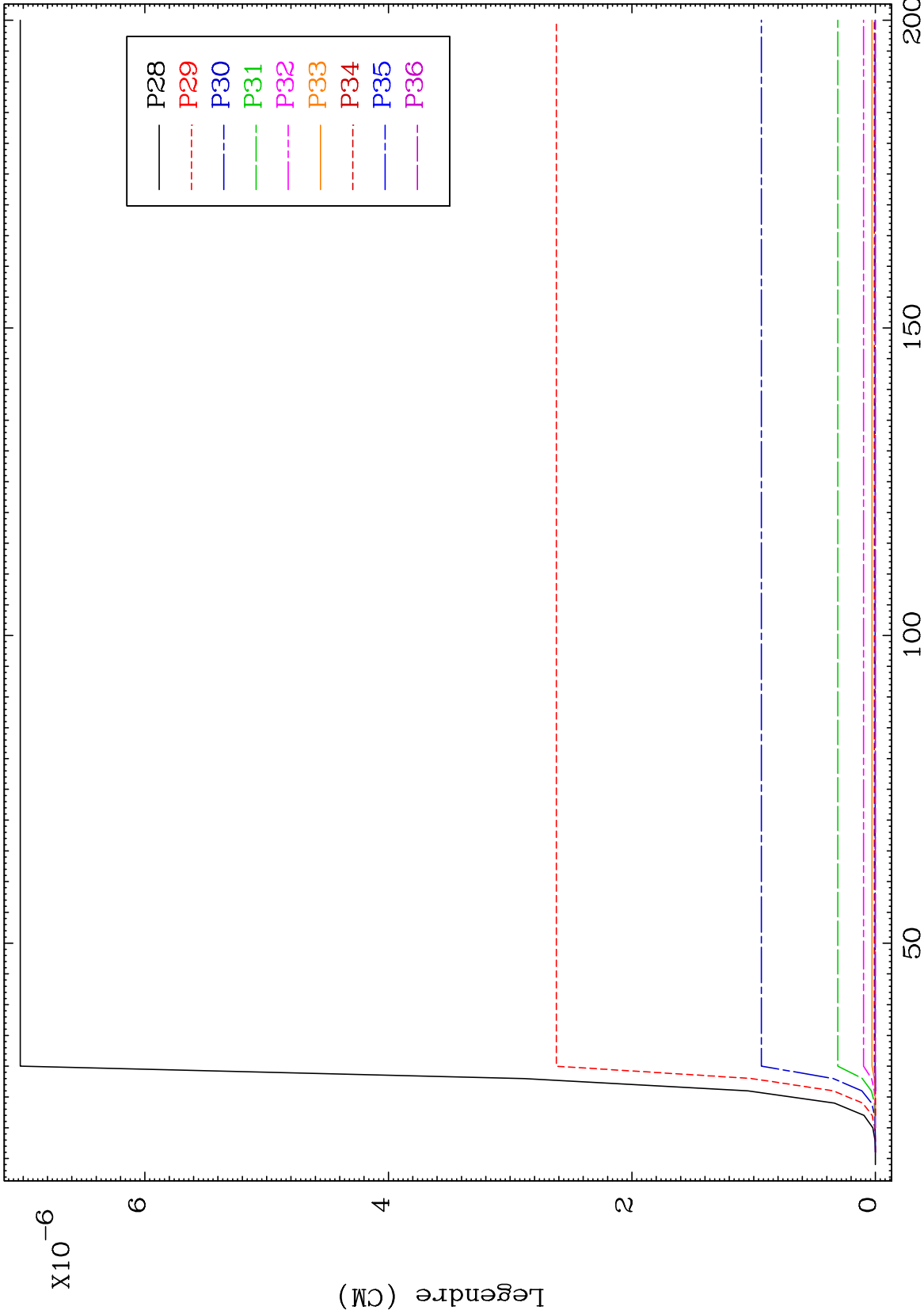
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



47

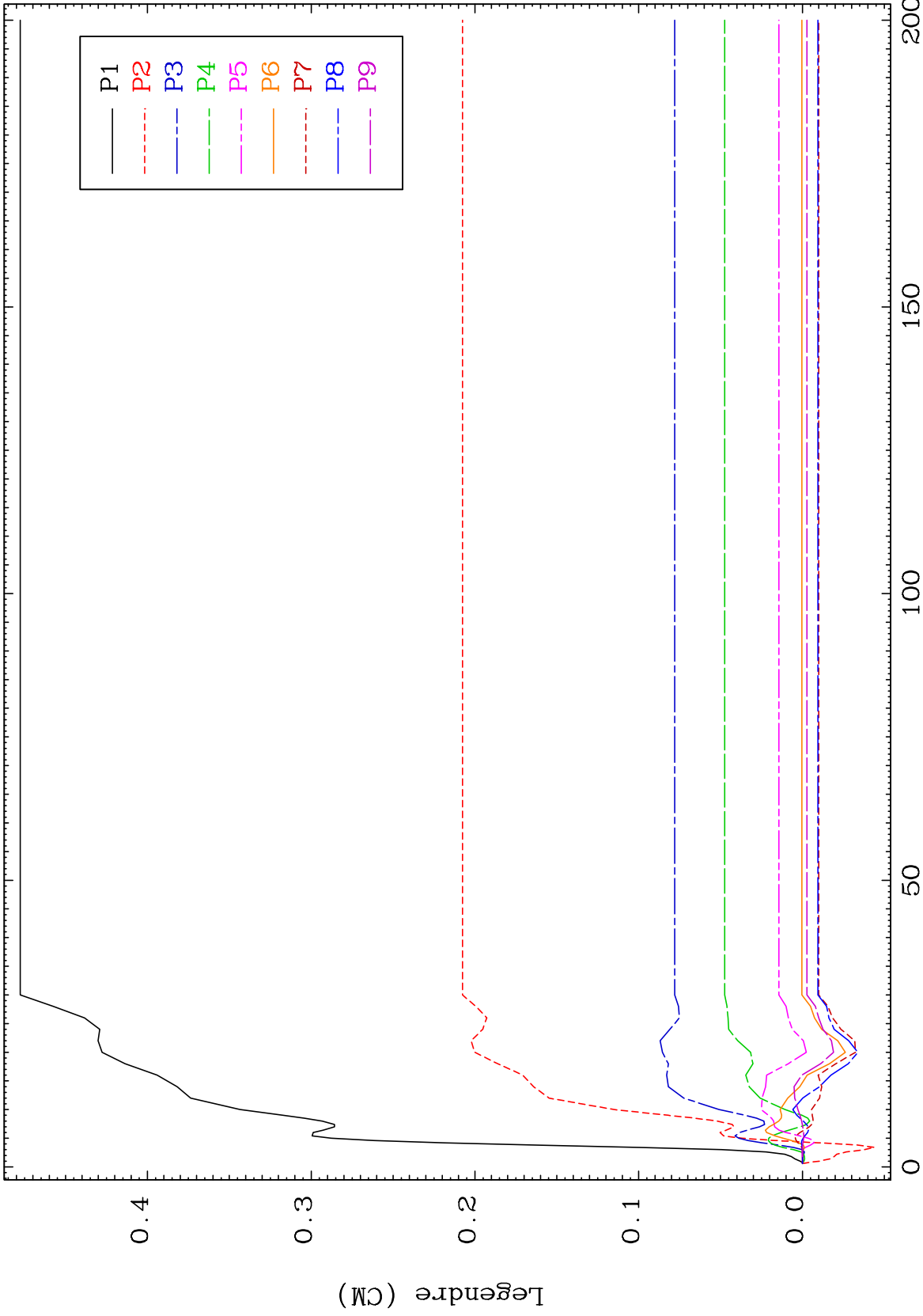
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



48

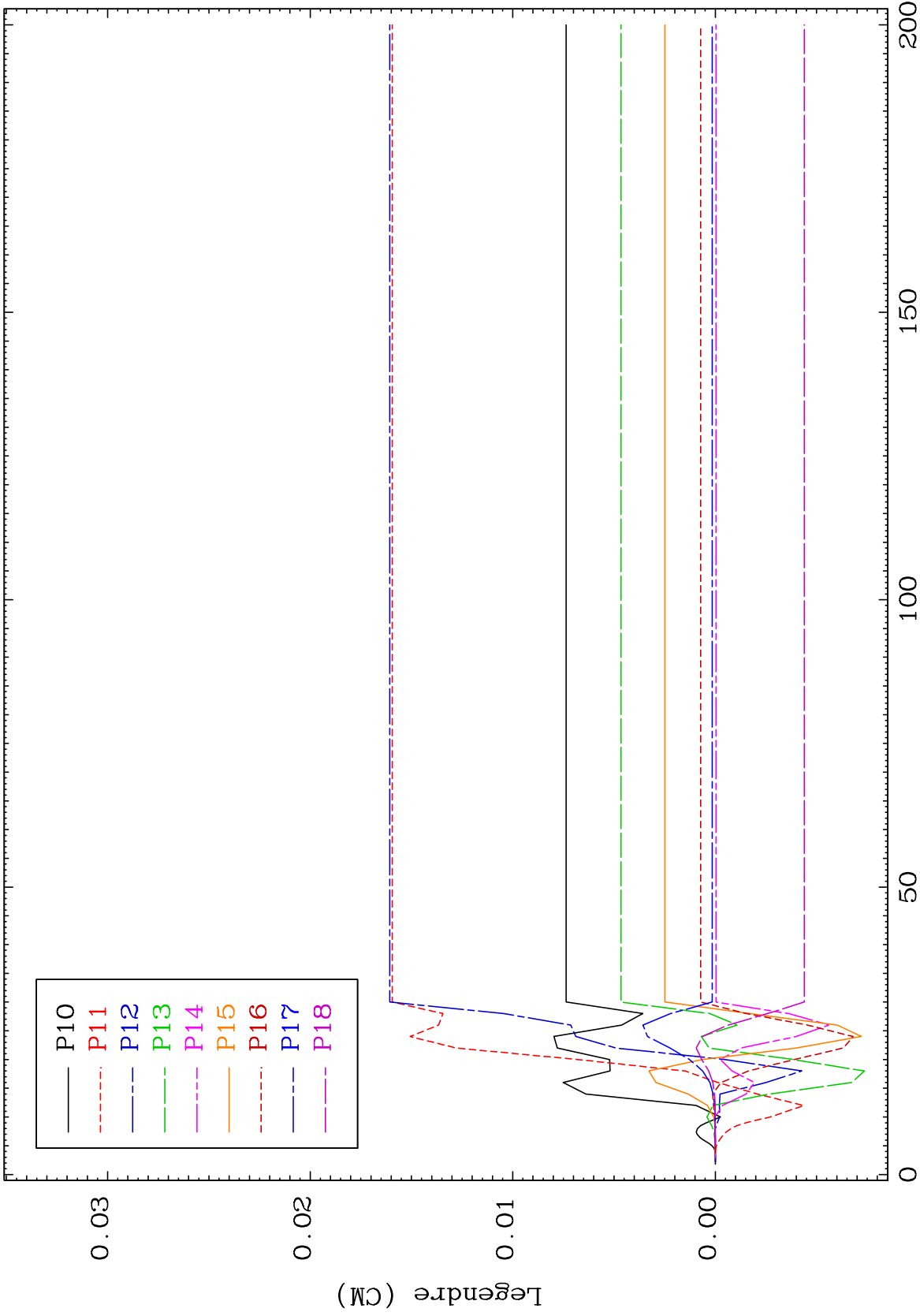
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



49

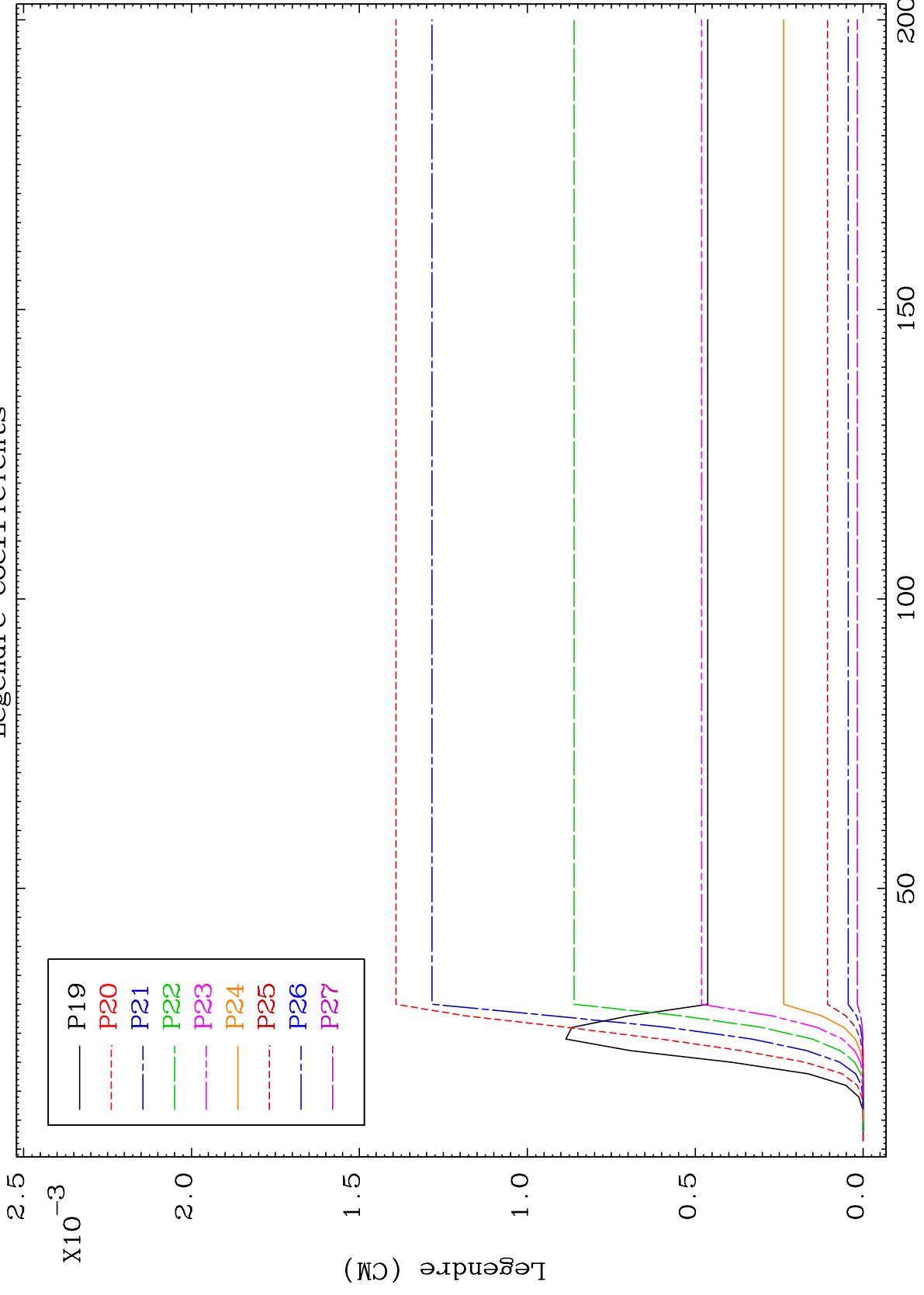
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



50

50

100

150

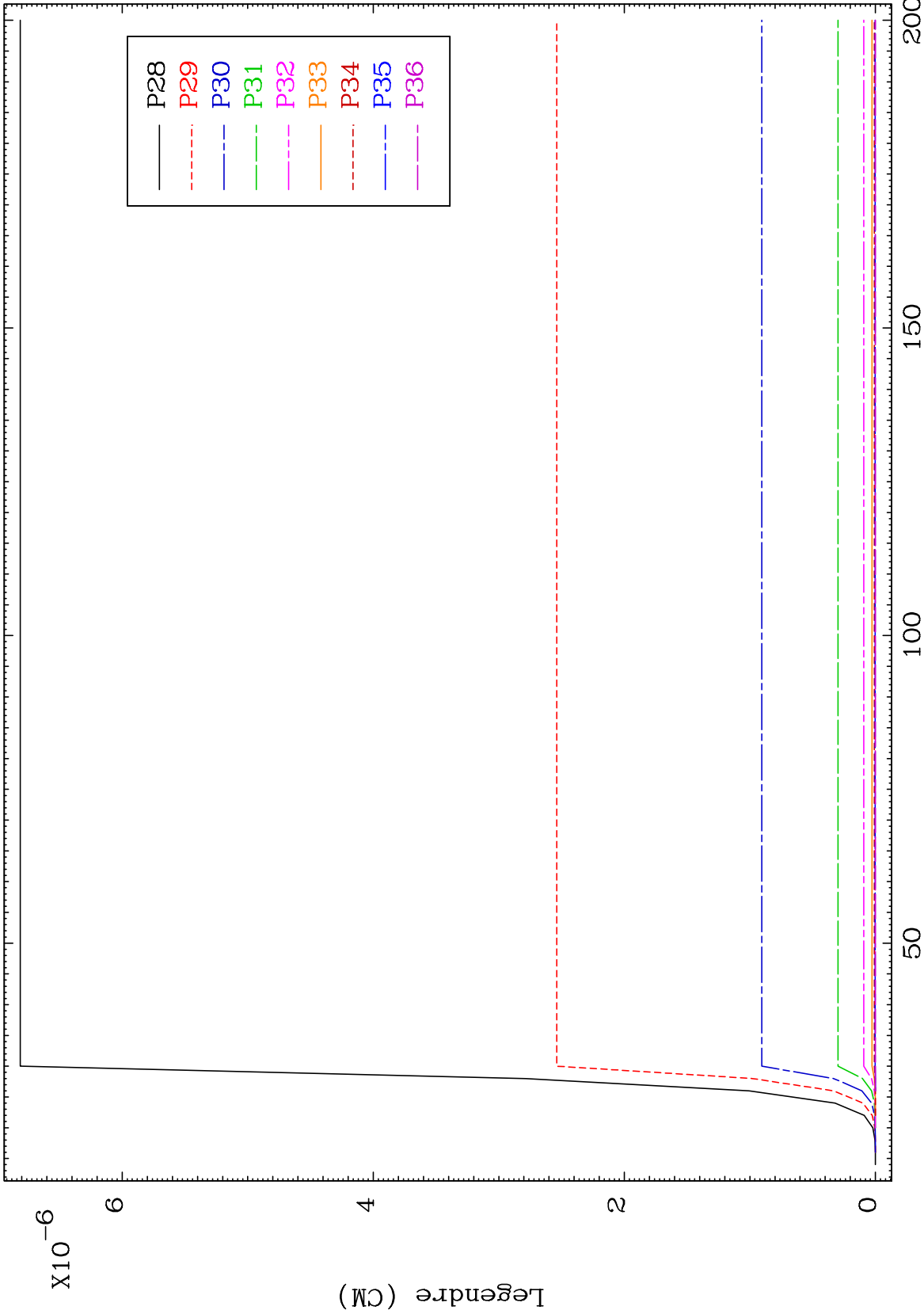
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62-Sm-157

MAT 6264

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

62-Sm-157



51

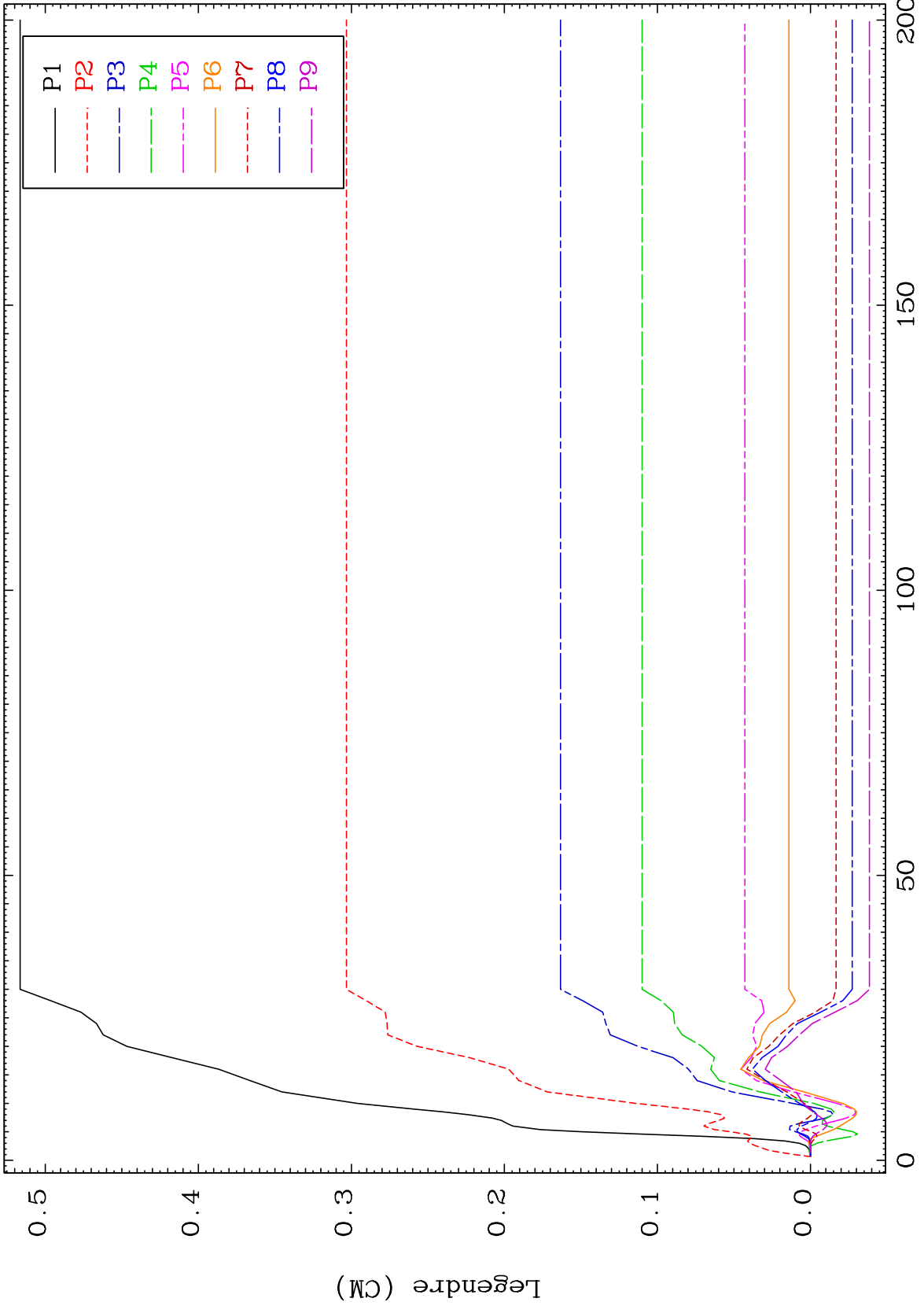
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



52

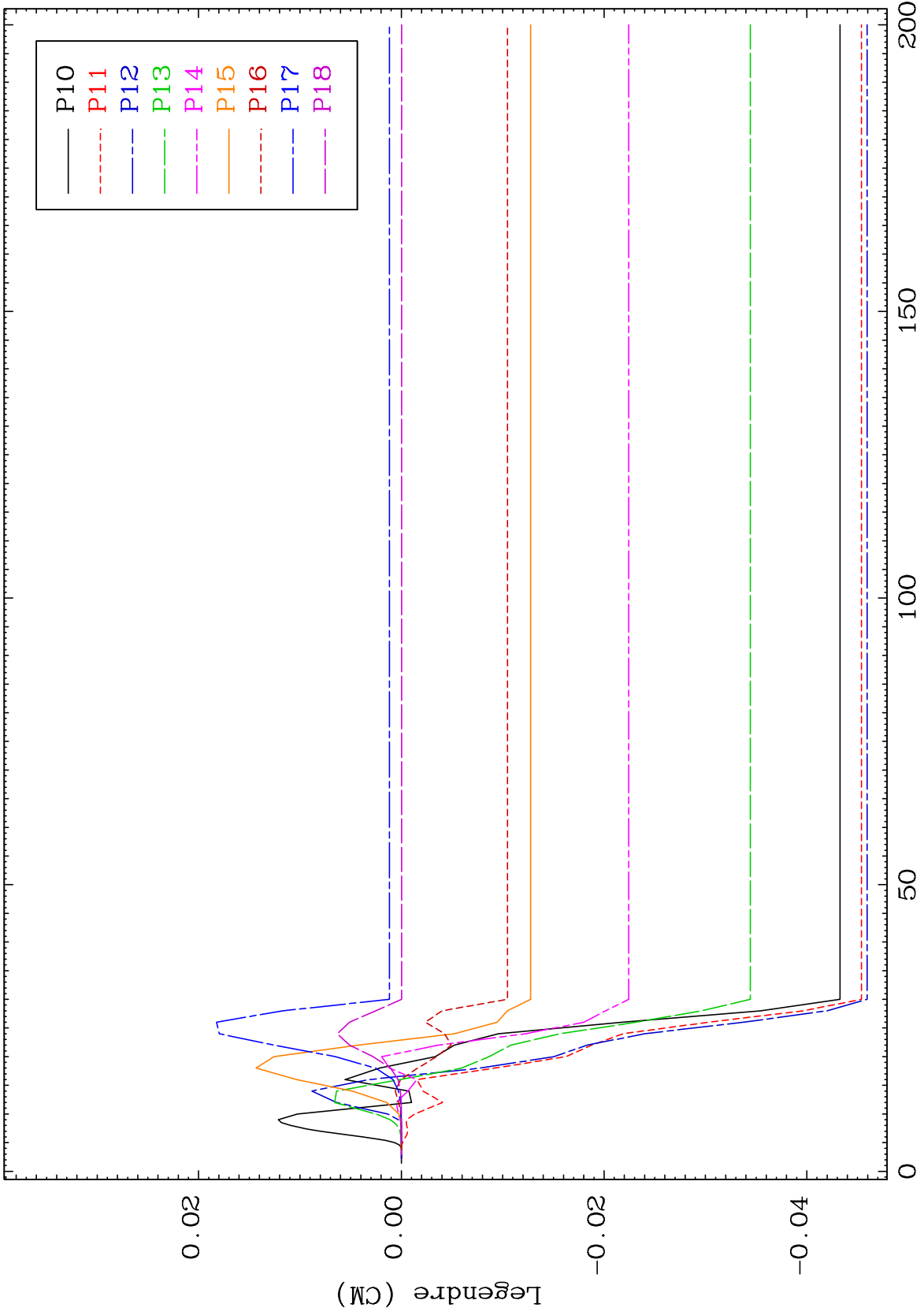
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



53

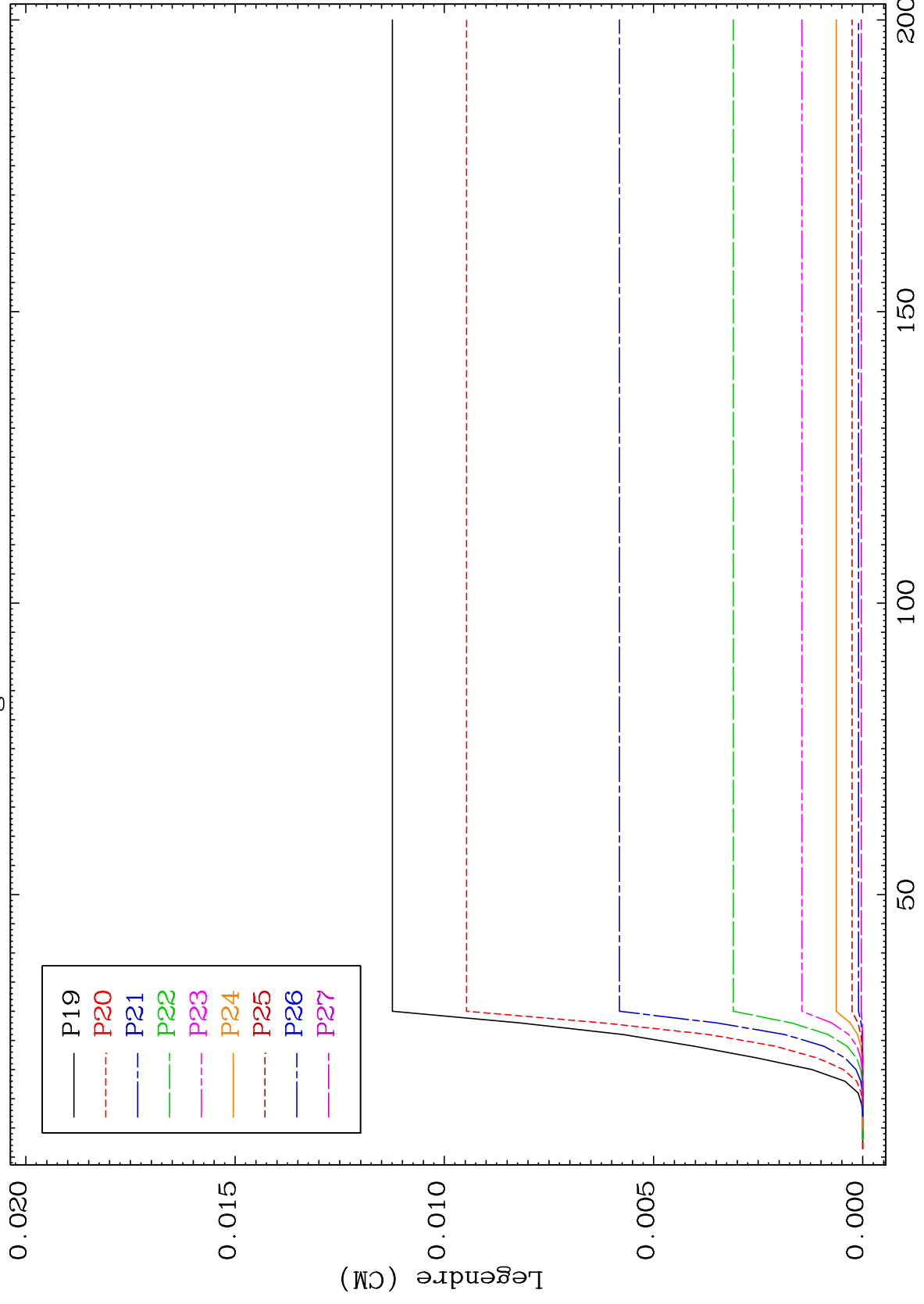
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



54

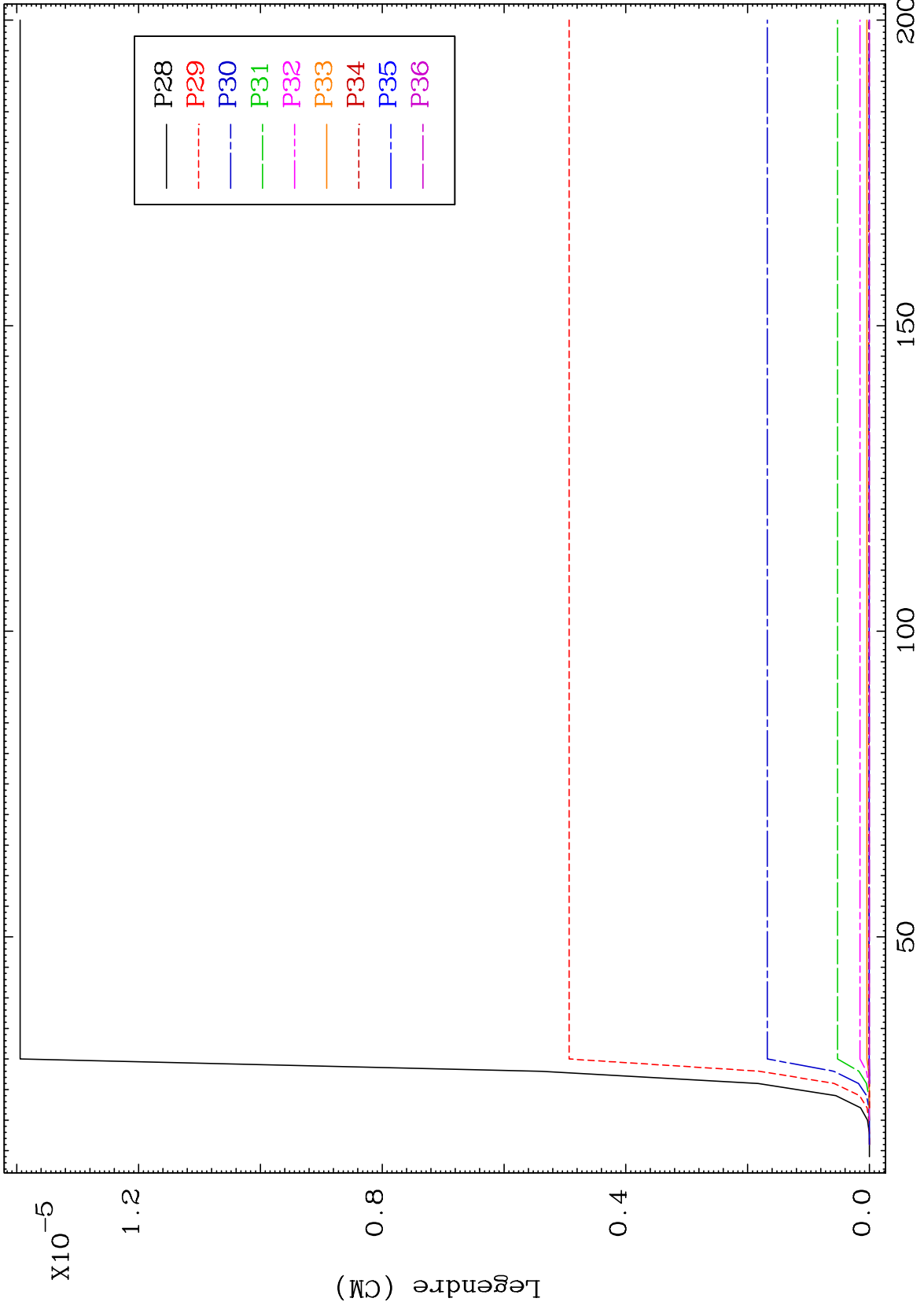
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



55

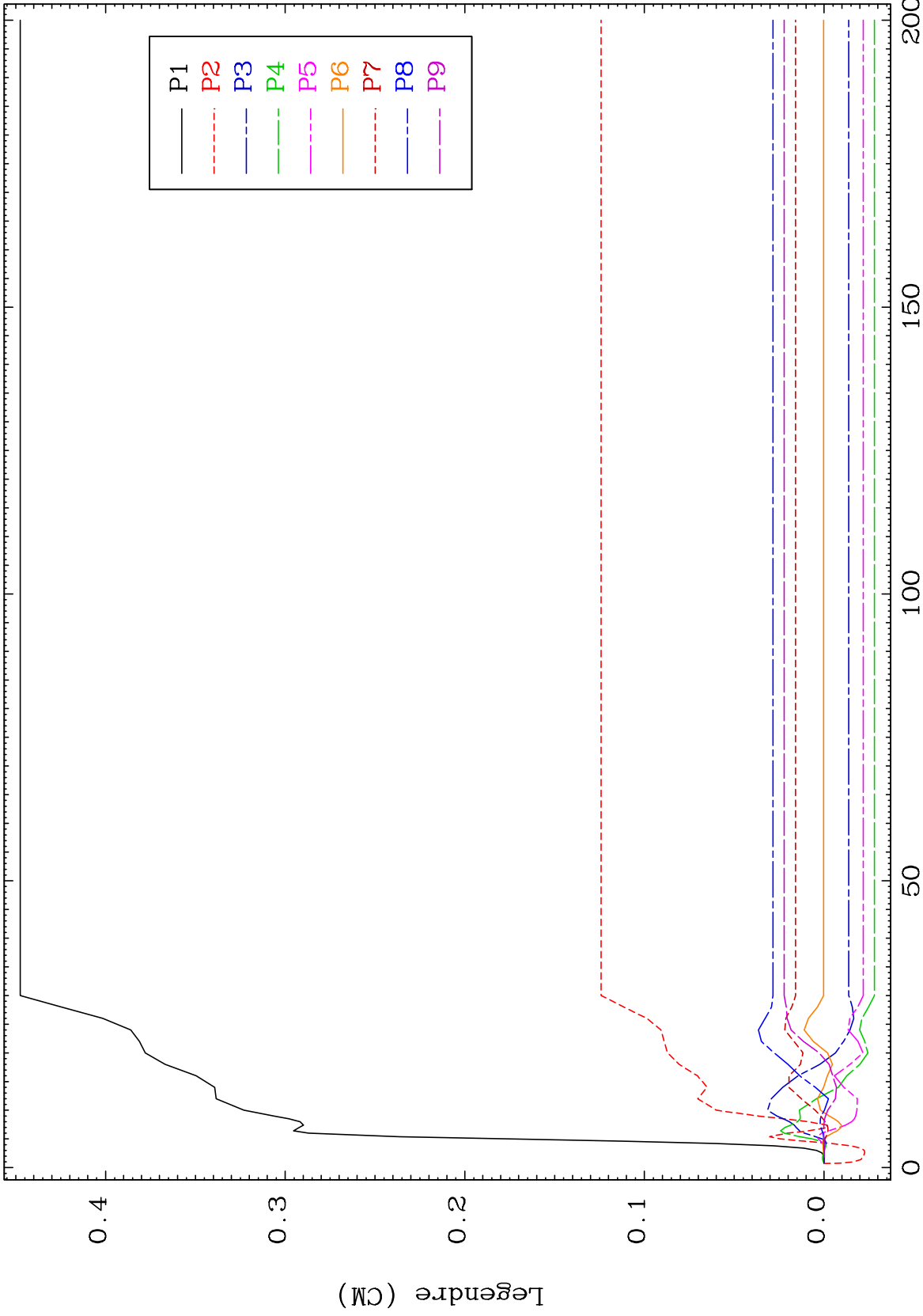
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



56

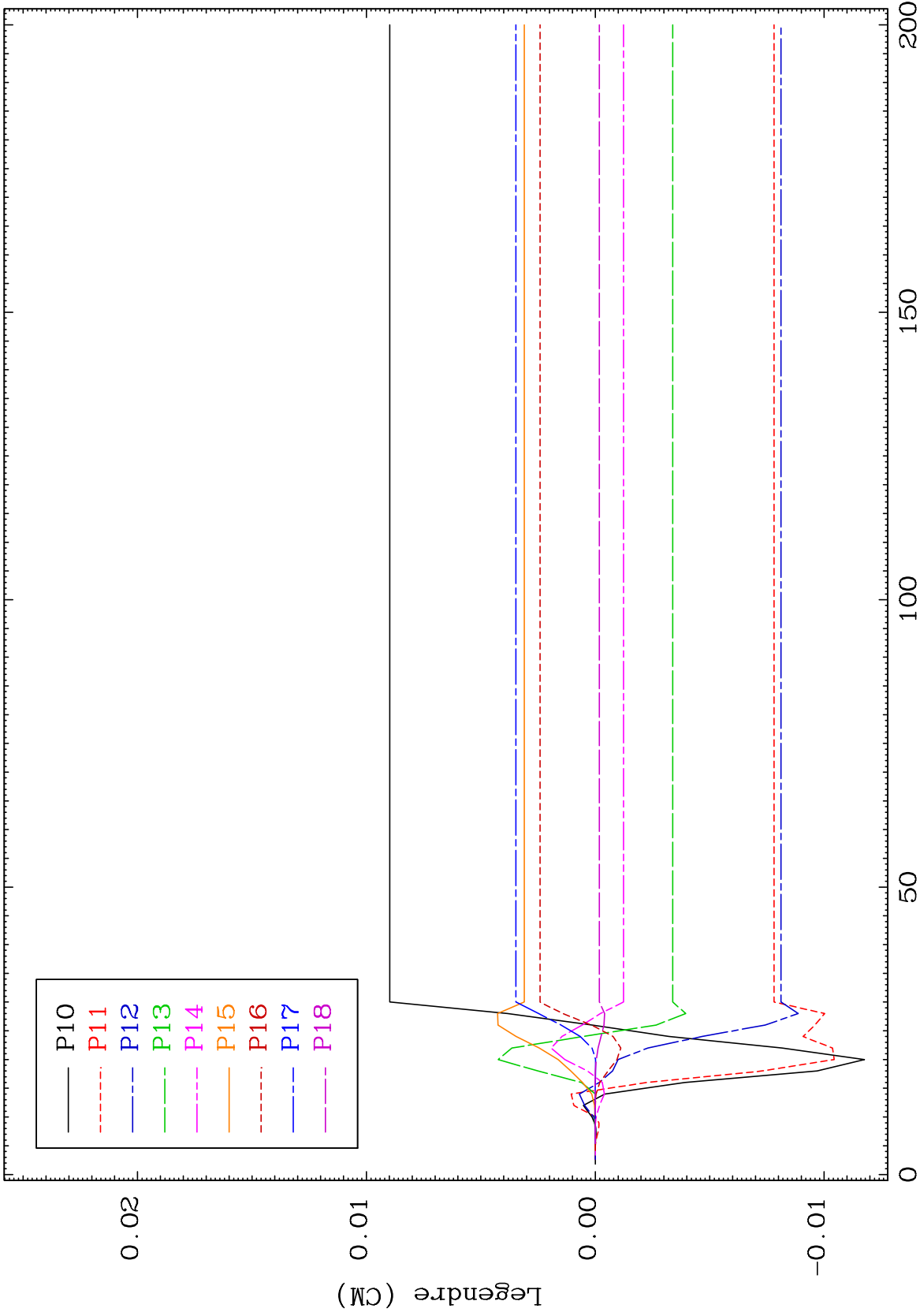
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



57

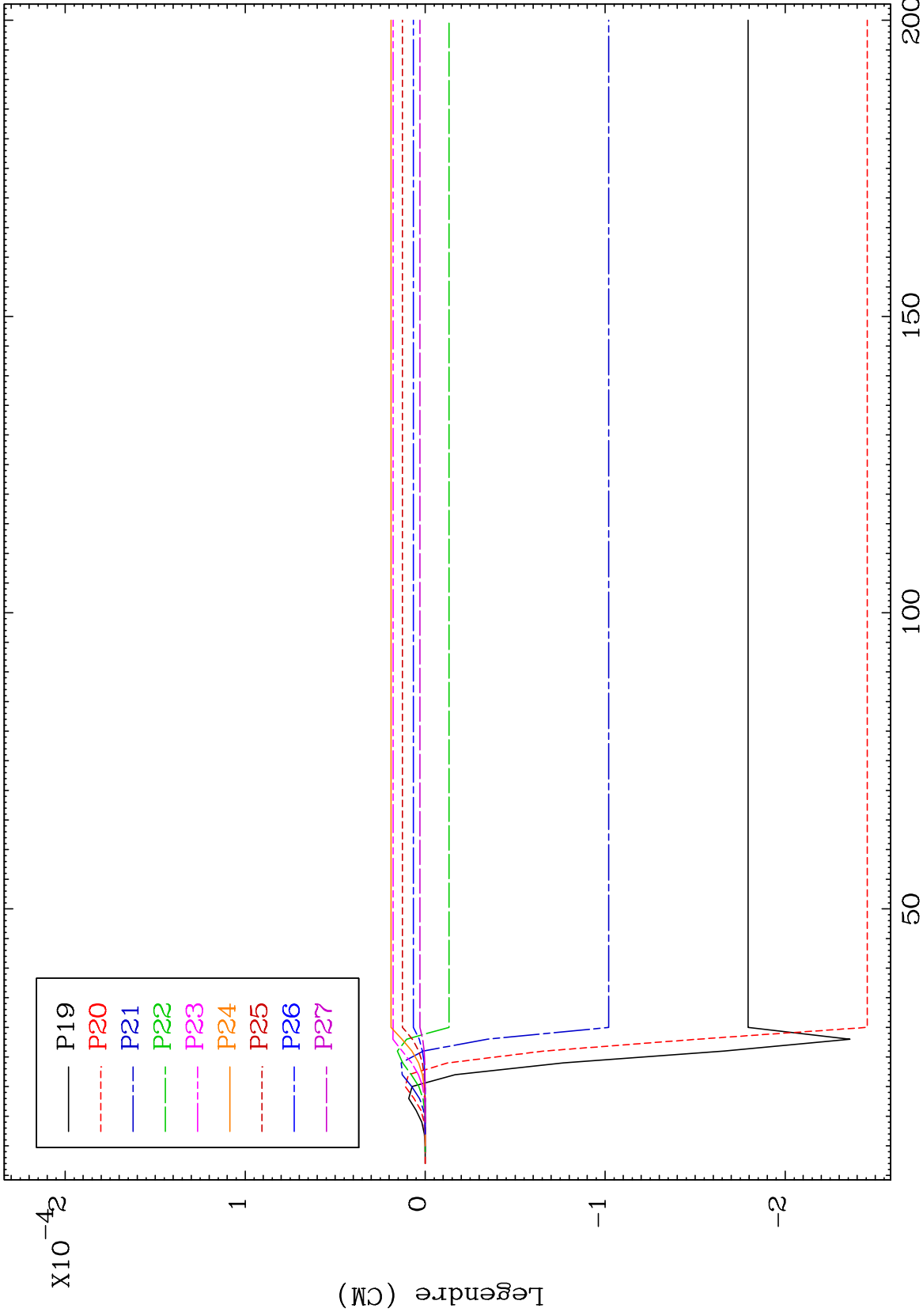
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



58

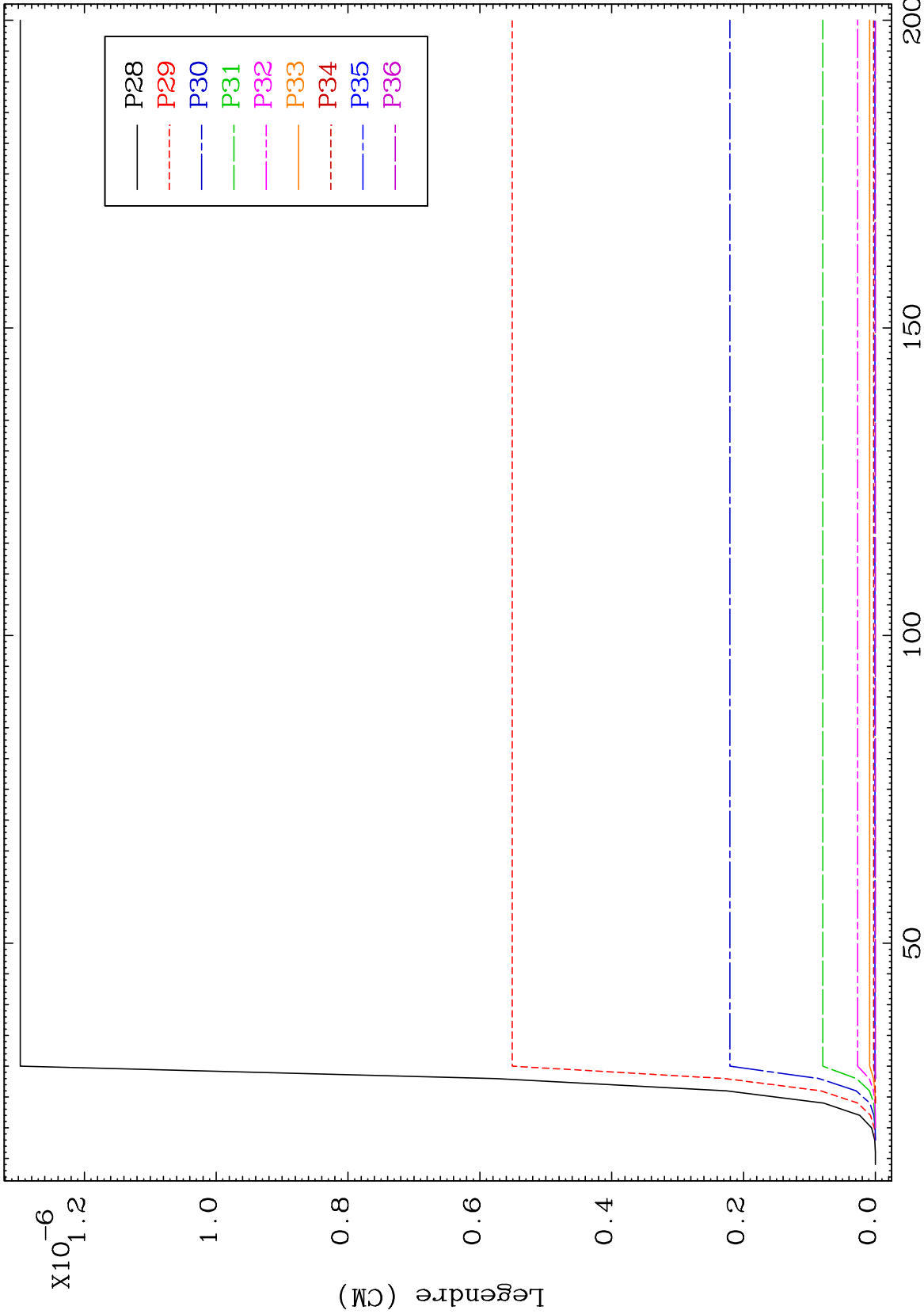
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



59

Incident Energy (MeV)

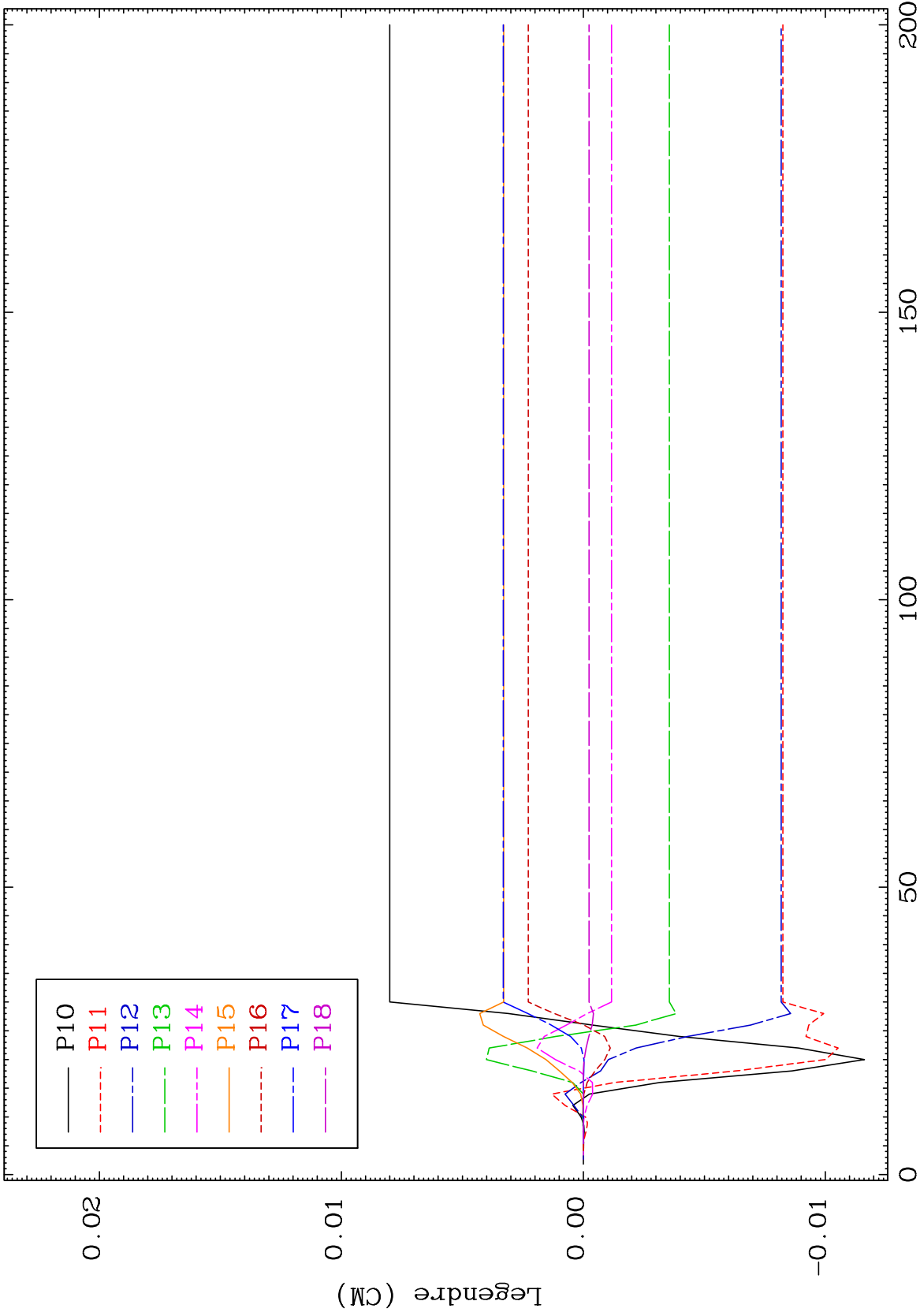
62-Sm-157



MAT 6264

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

62-Sm-157



61

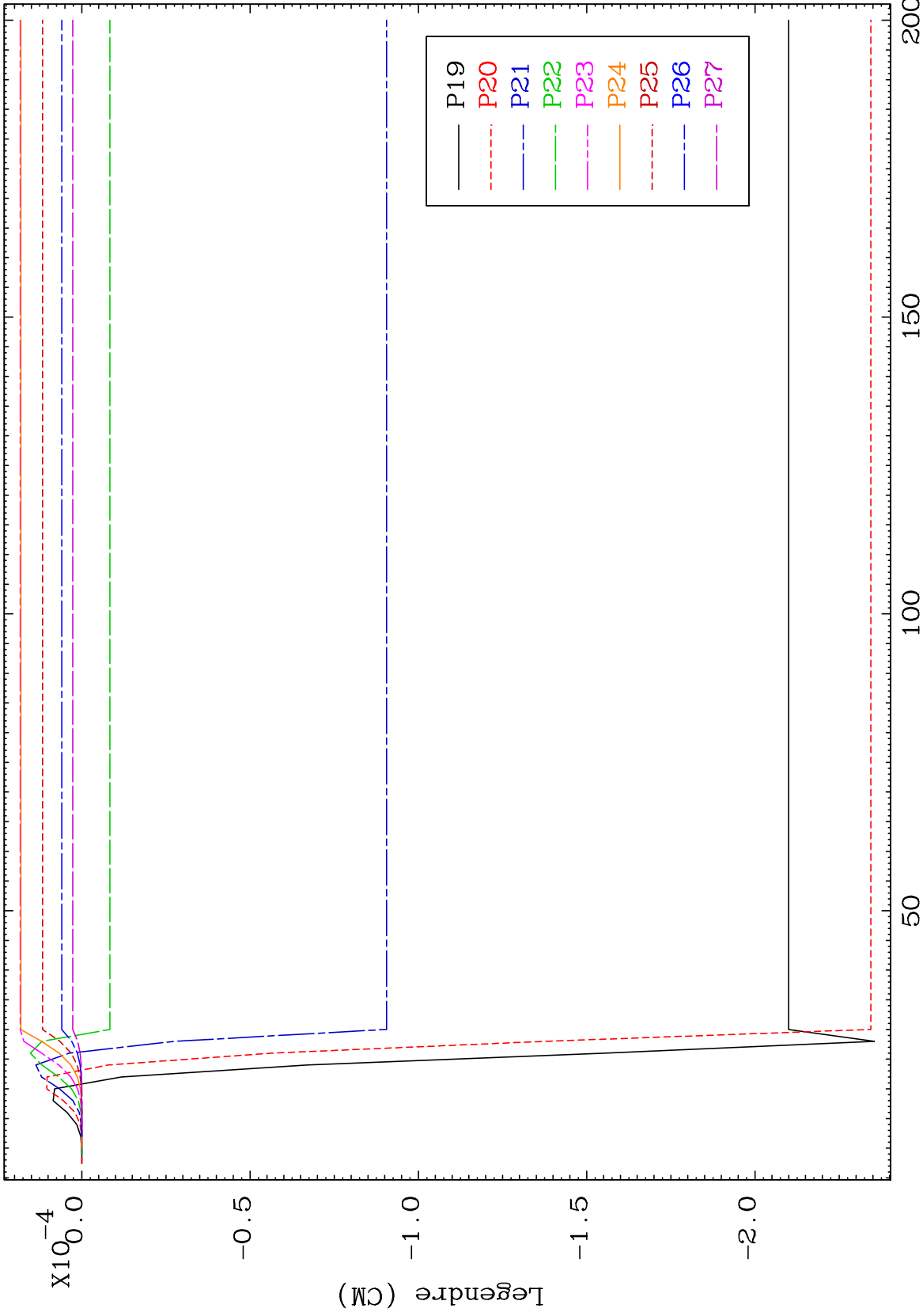
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

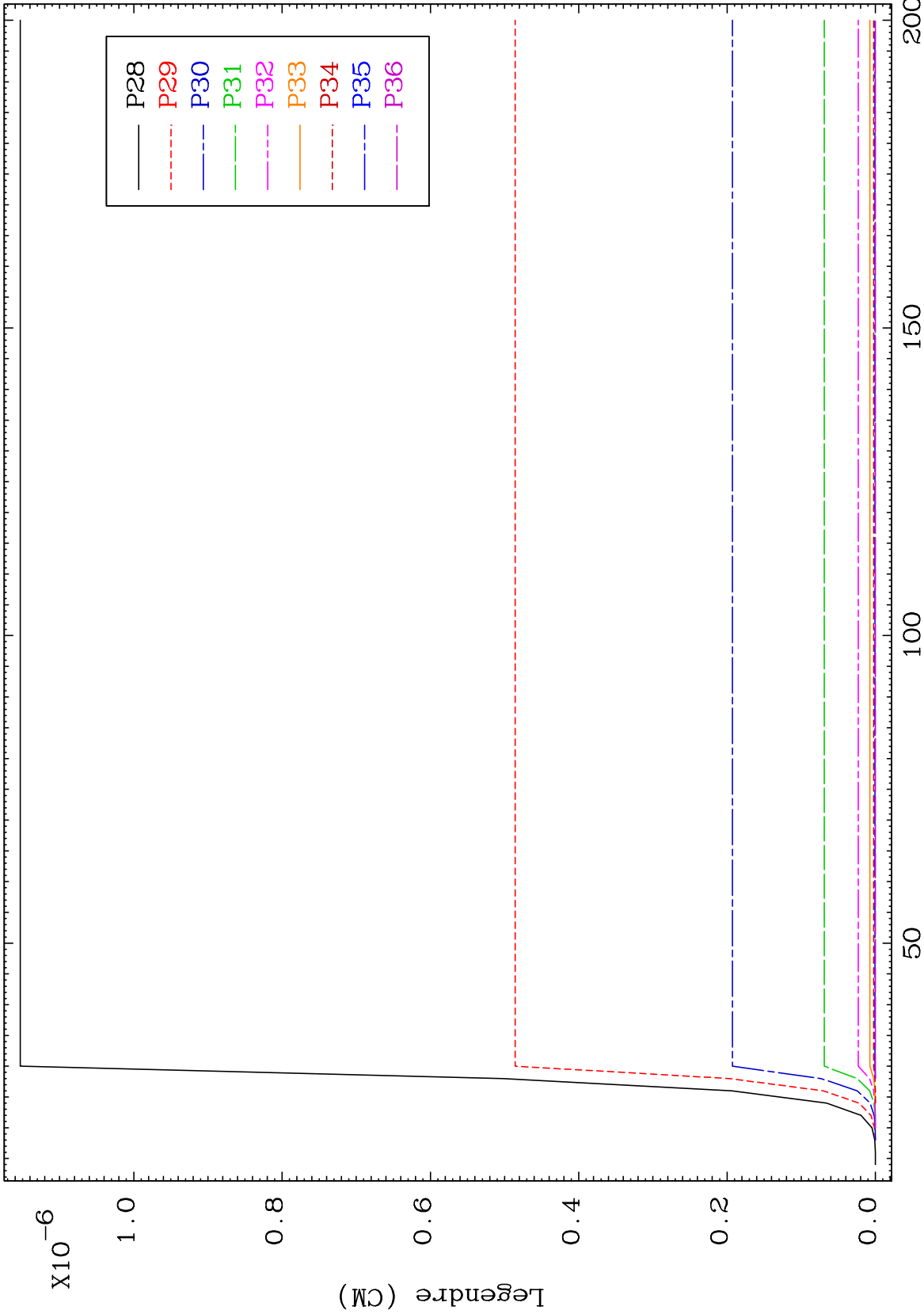
Incident Energy (MeV)

62

MAT 6264

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

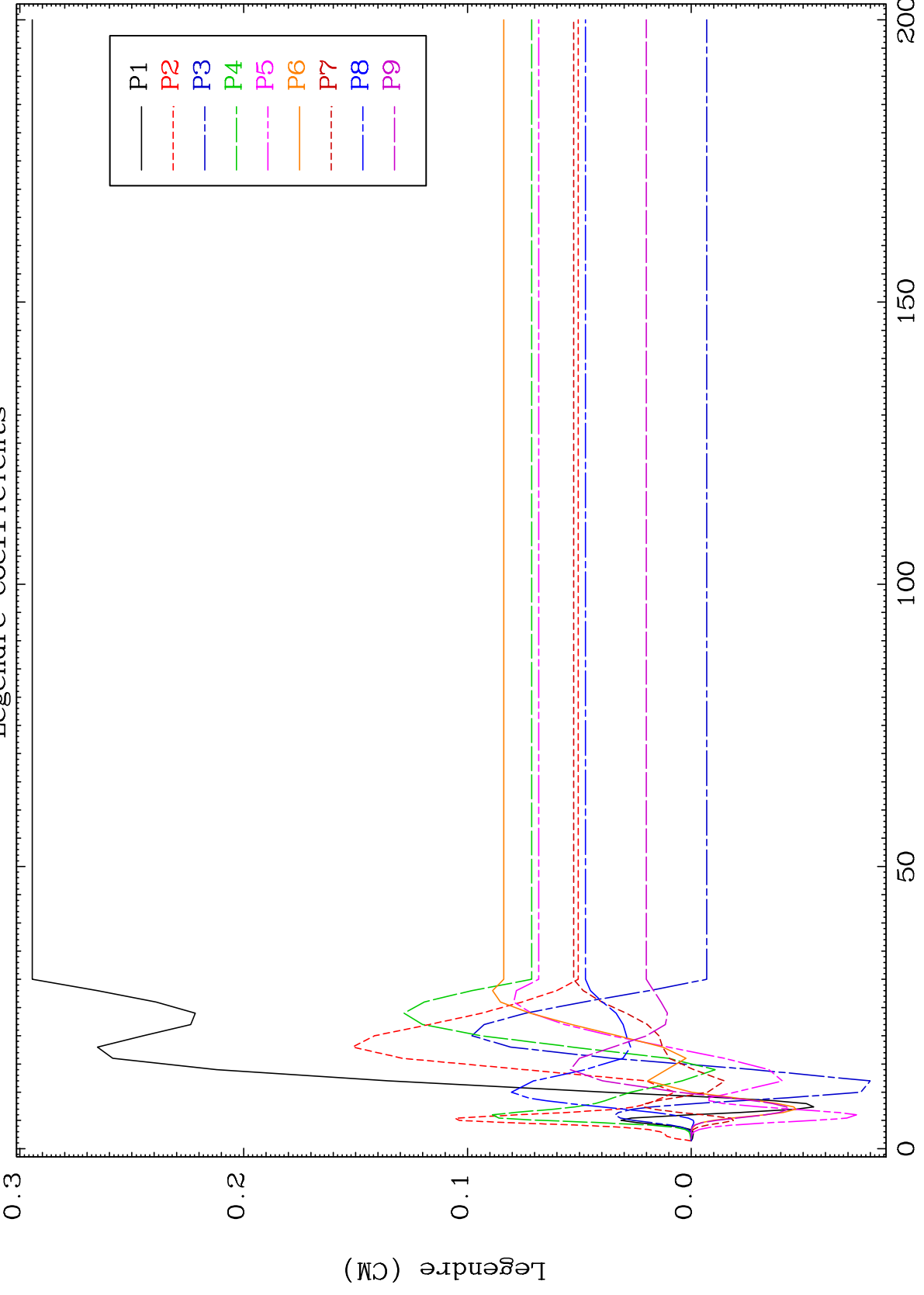
62-Sm-157



63

62-Sm-157

MAT 6264 MT= 62 (n,n') Level Legendre Coefficients 62-Sm-157

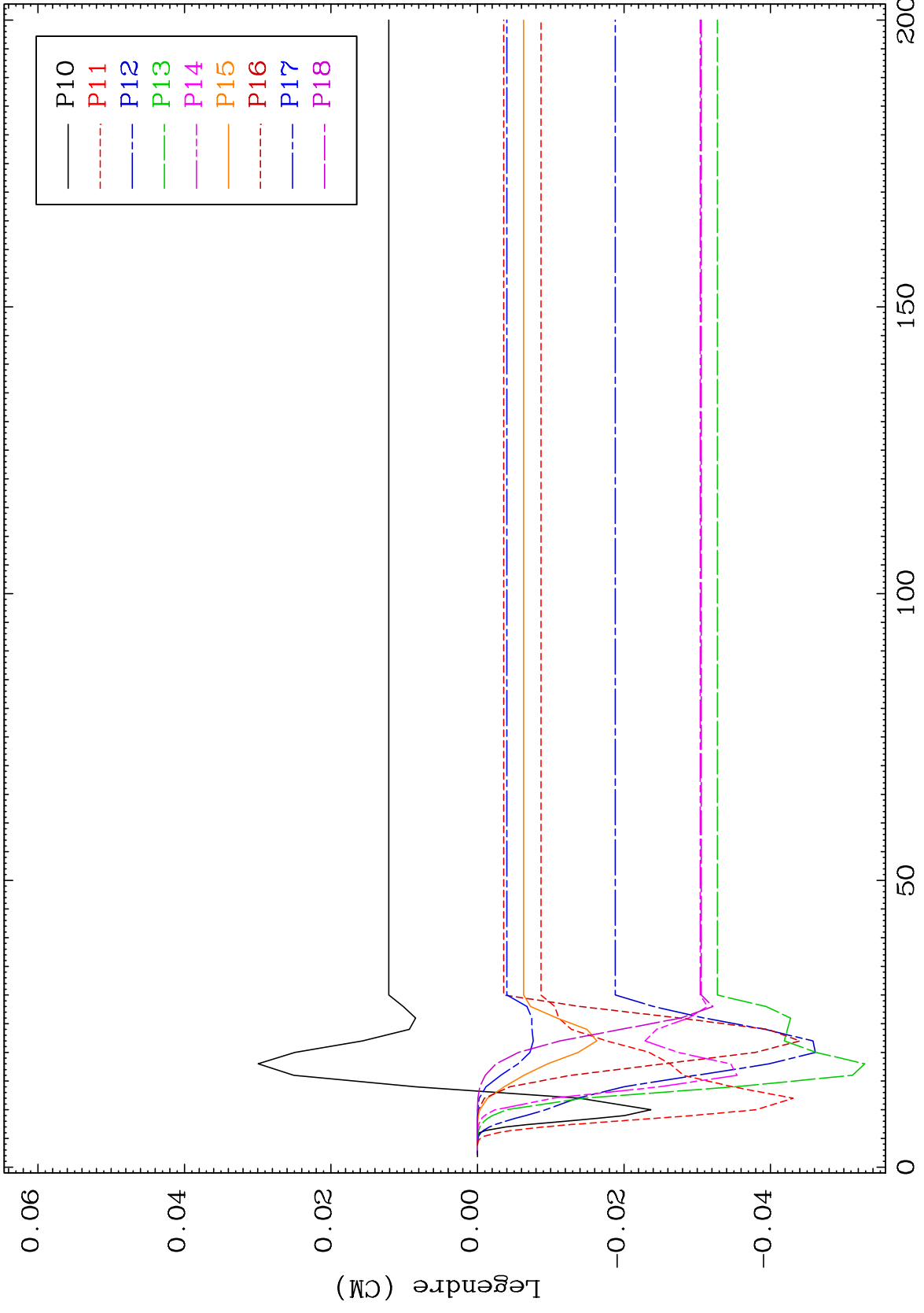


64 62-Sm-157 Incident Energy (MeV)

MAT 6264

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

62-Sm-157



65

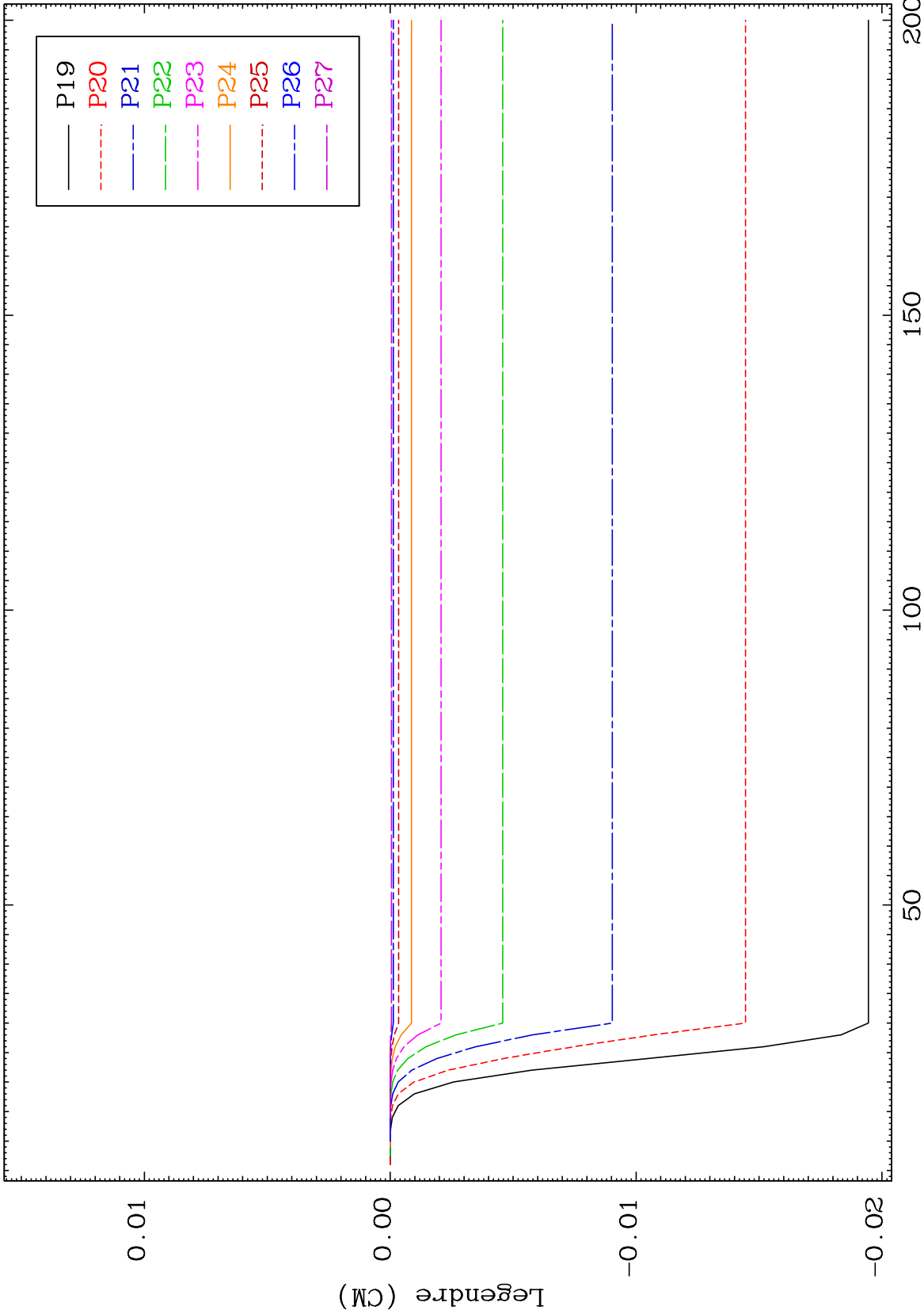
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



66

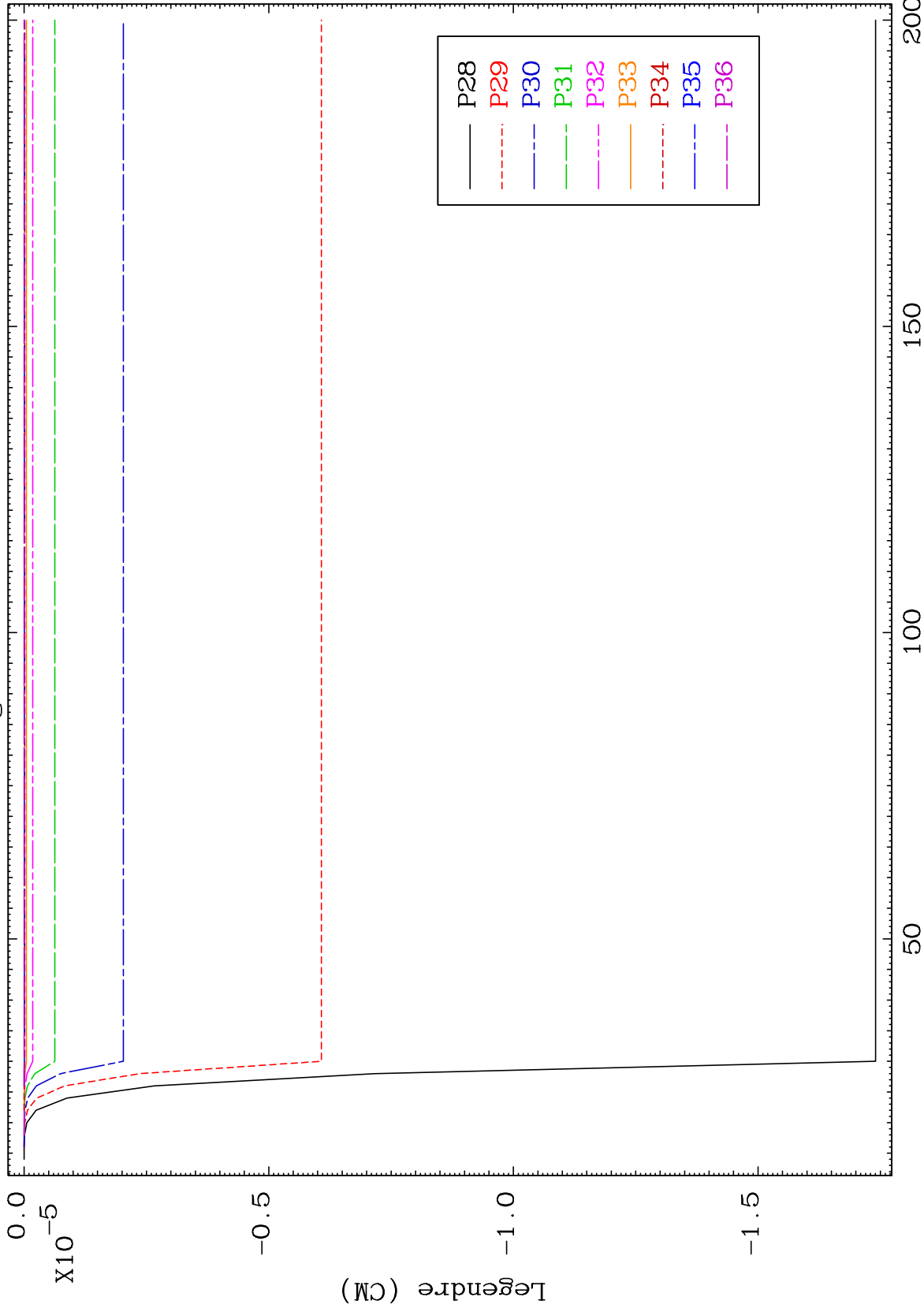
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157

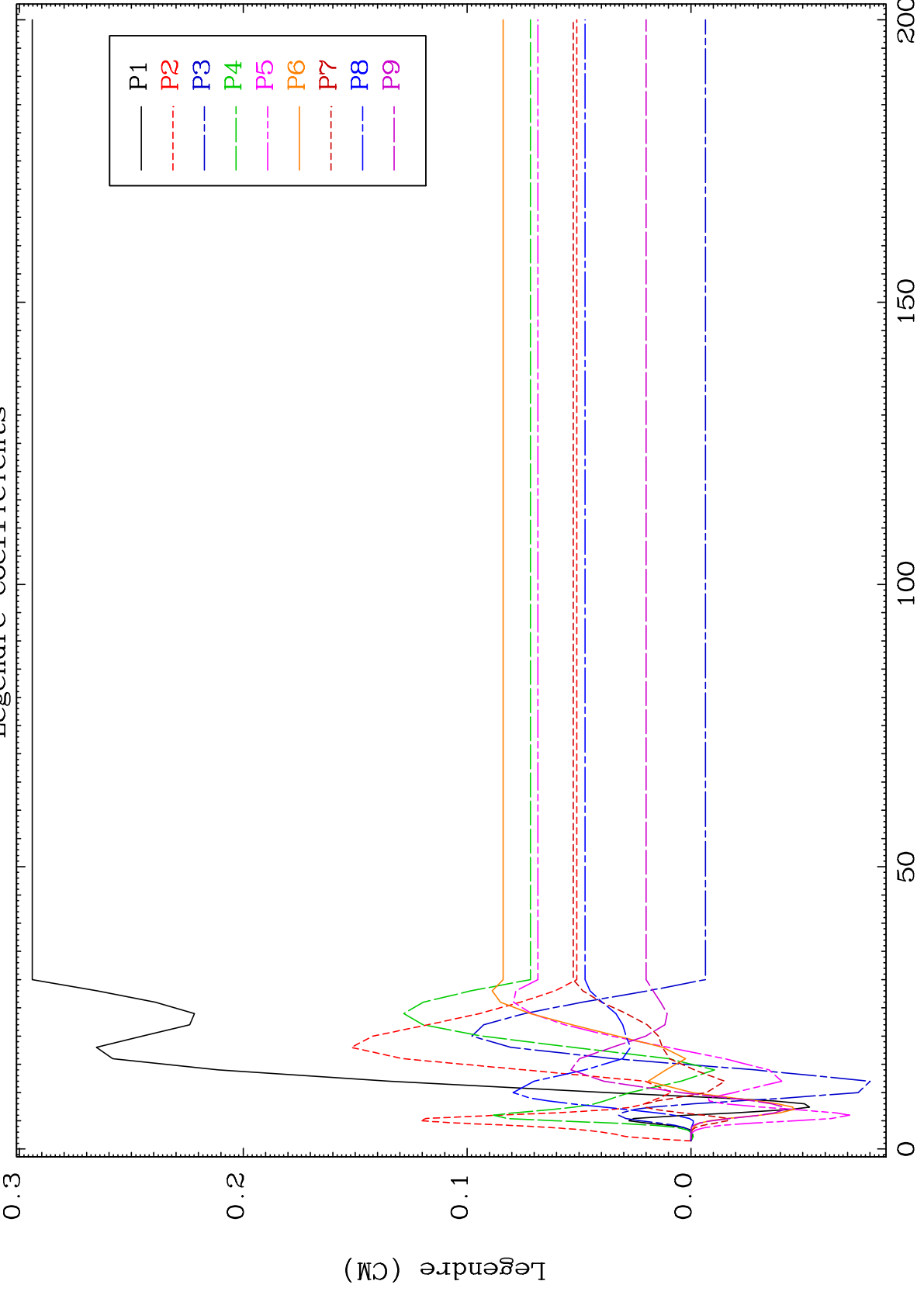


67

Incident Energy (MeV)

62-Sm-157

MAT 6264 MT= 63 (n,n') Level Legendre Coefficients 62-Sm-157

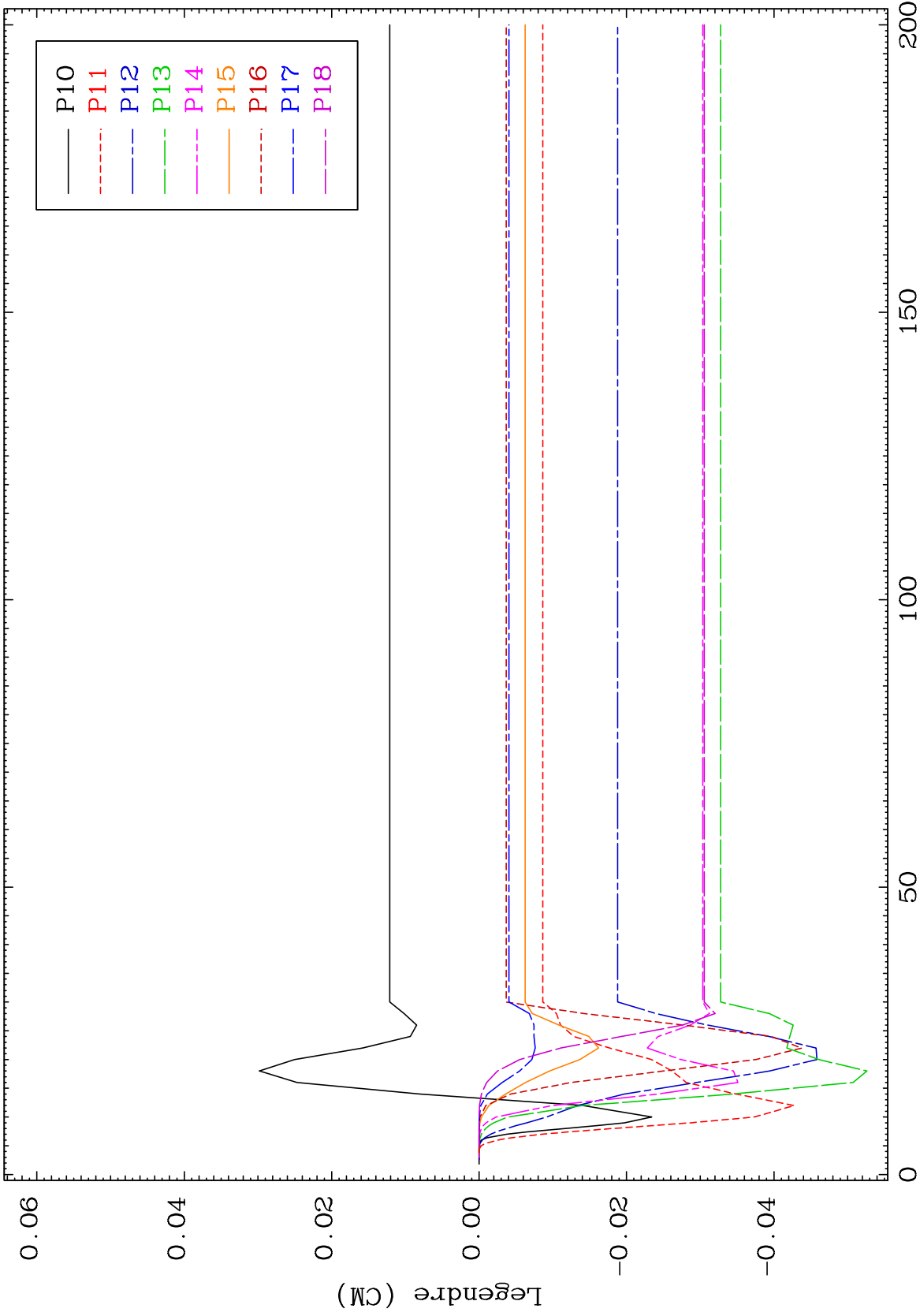


68 62-Sm-157 Incident Energy (MeV)

MAT 6264

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

62-Sm-157



69

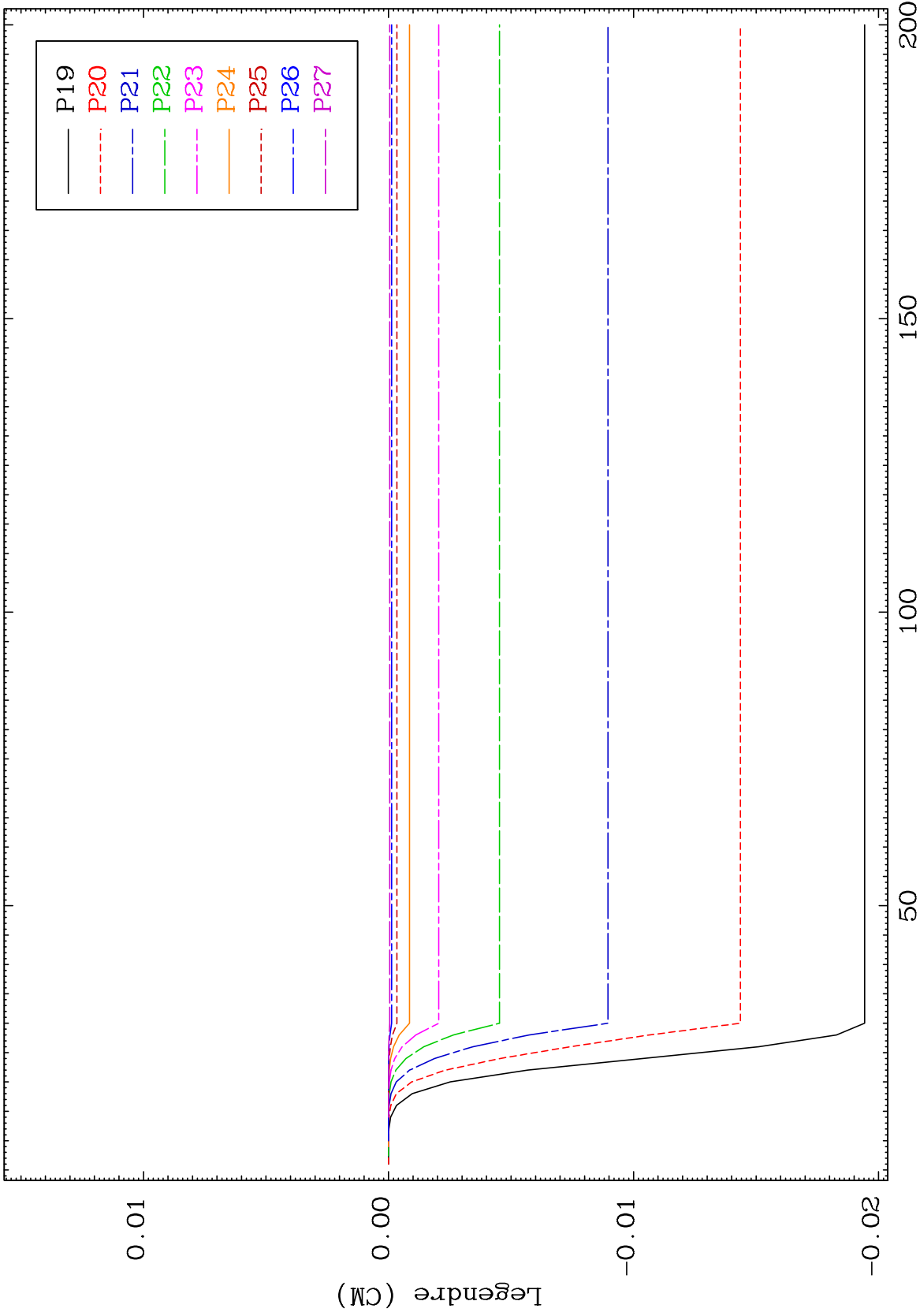
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



70

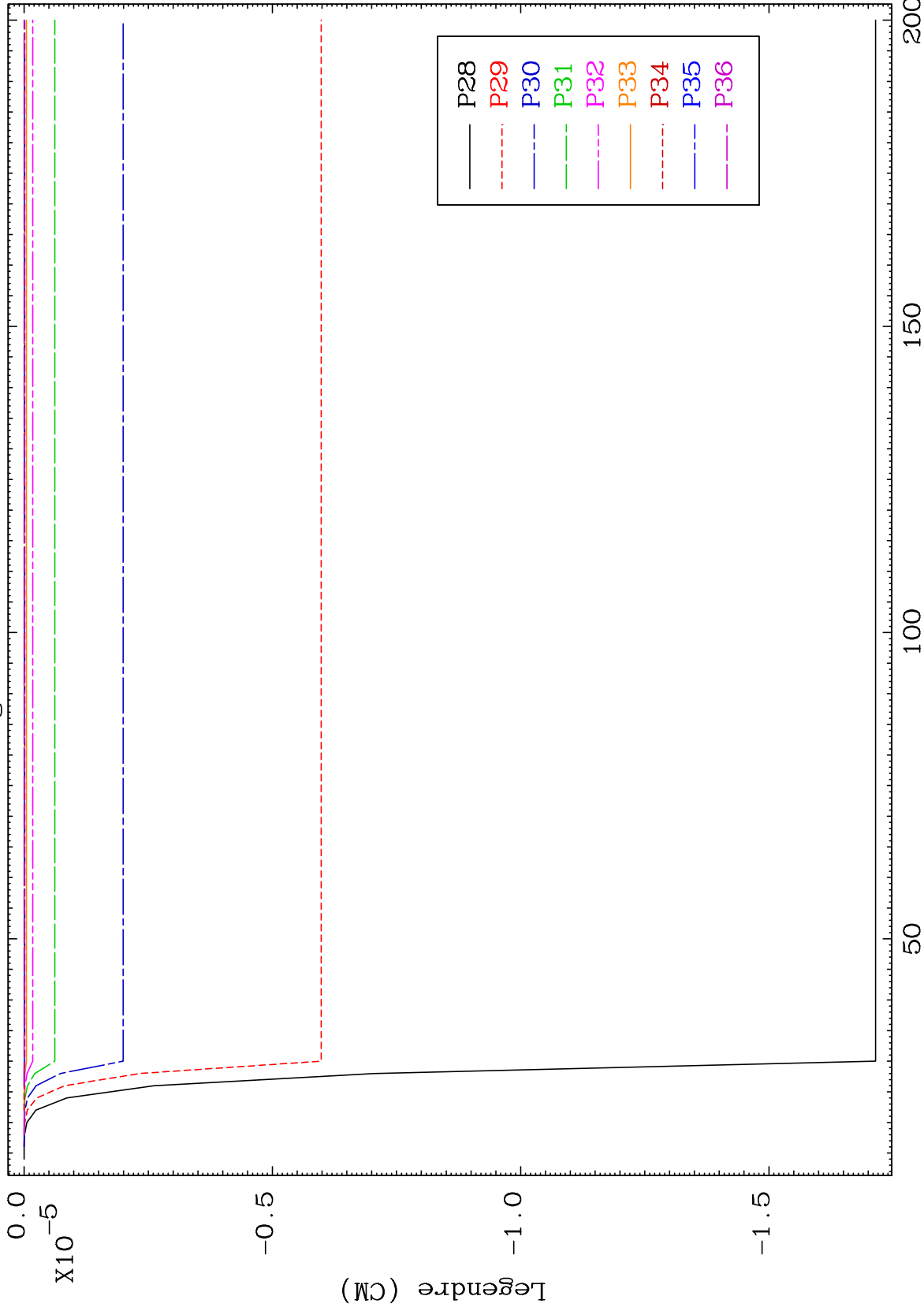
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



71

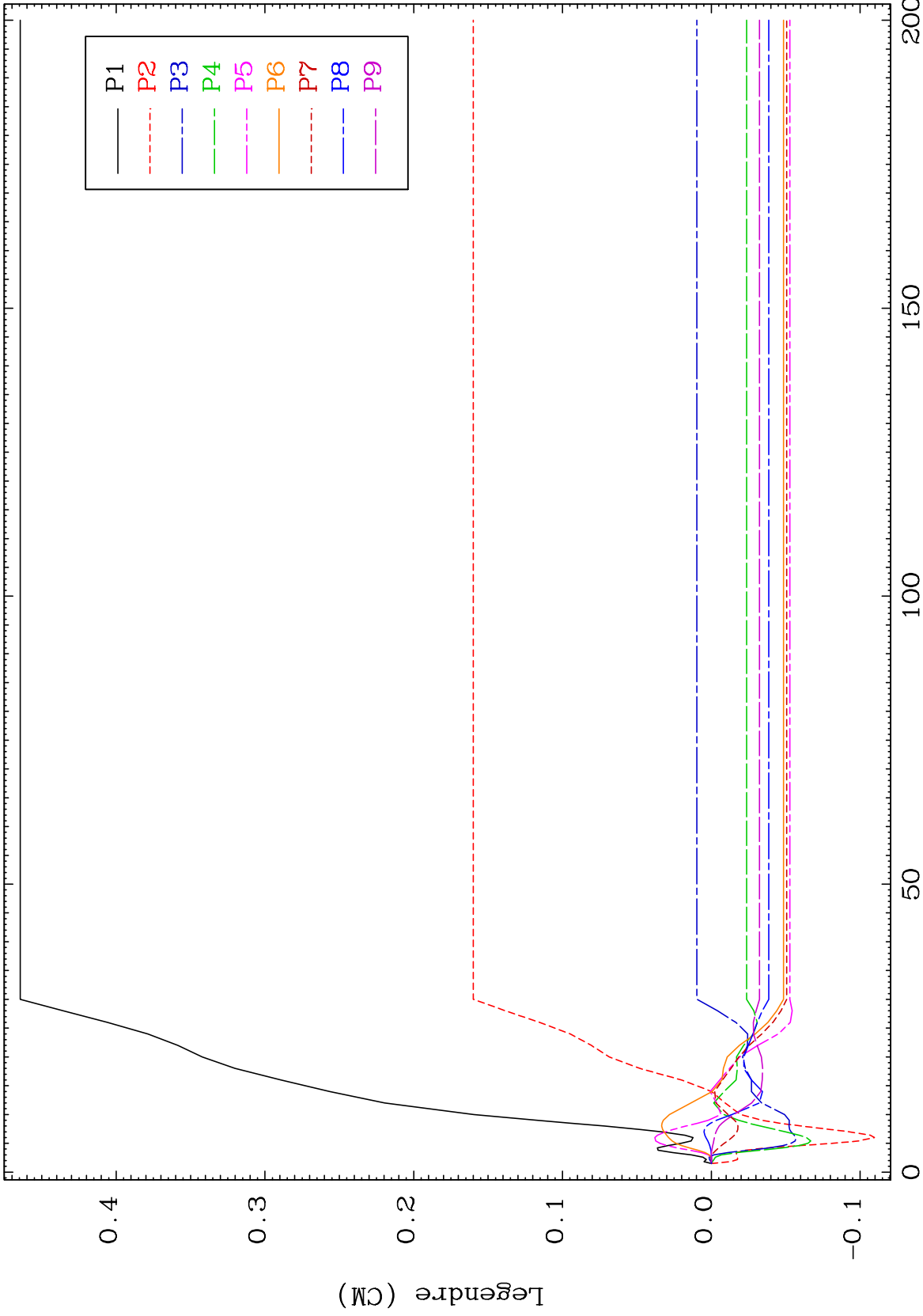
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



72

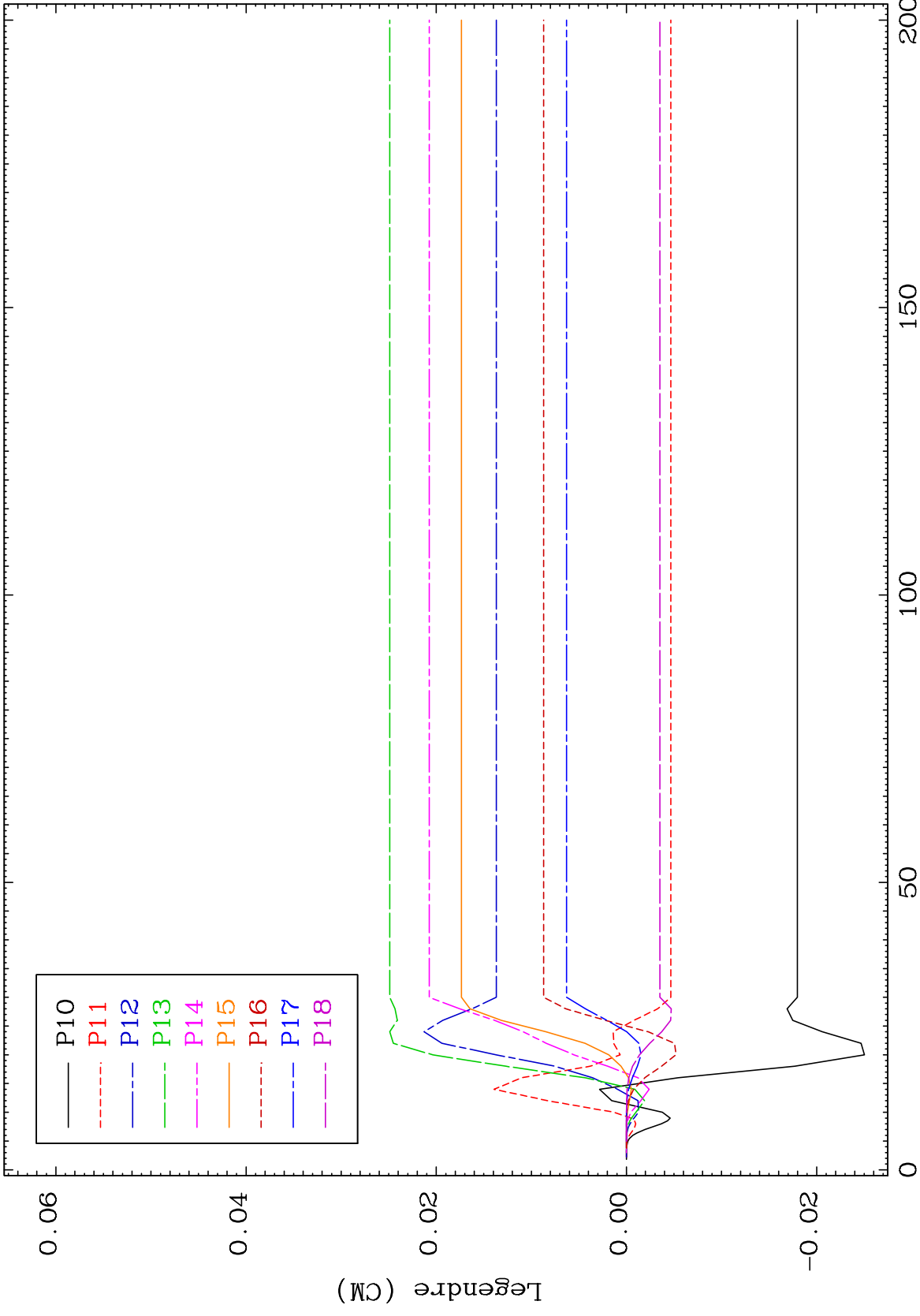
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



73

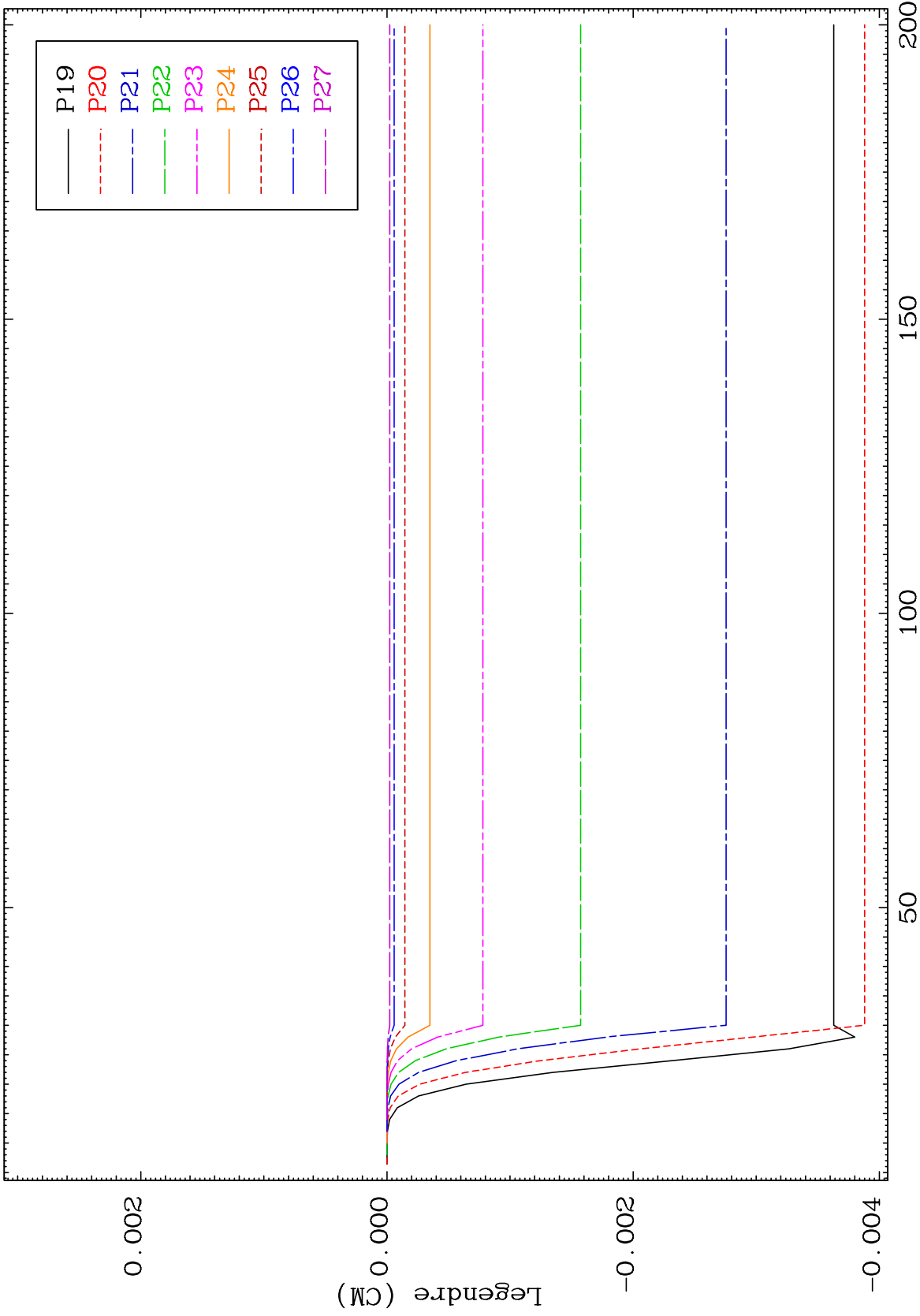
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



74

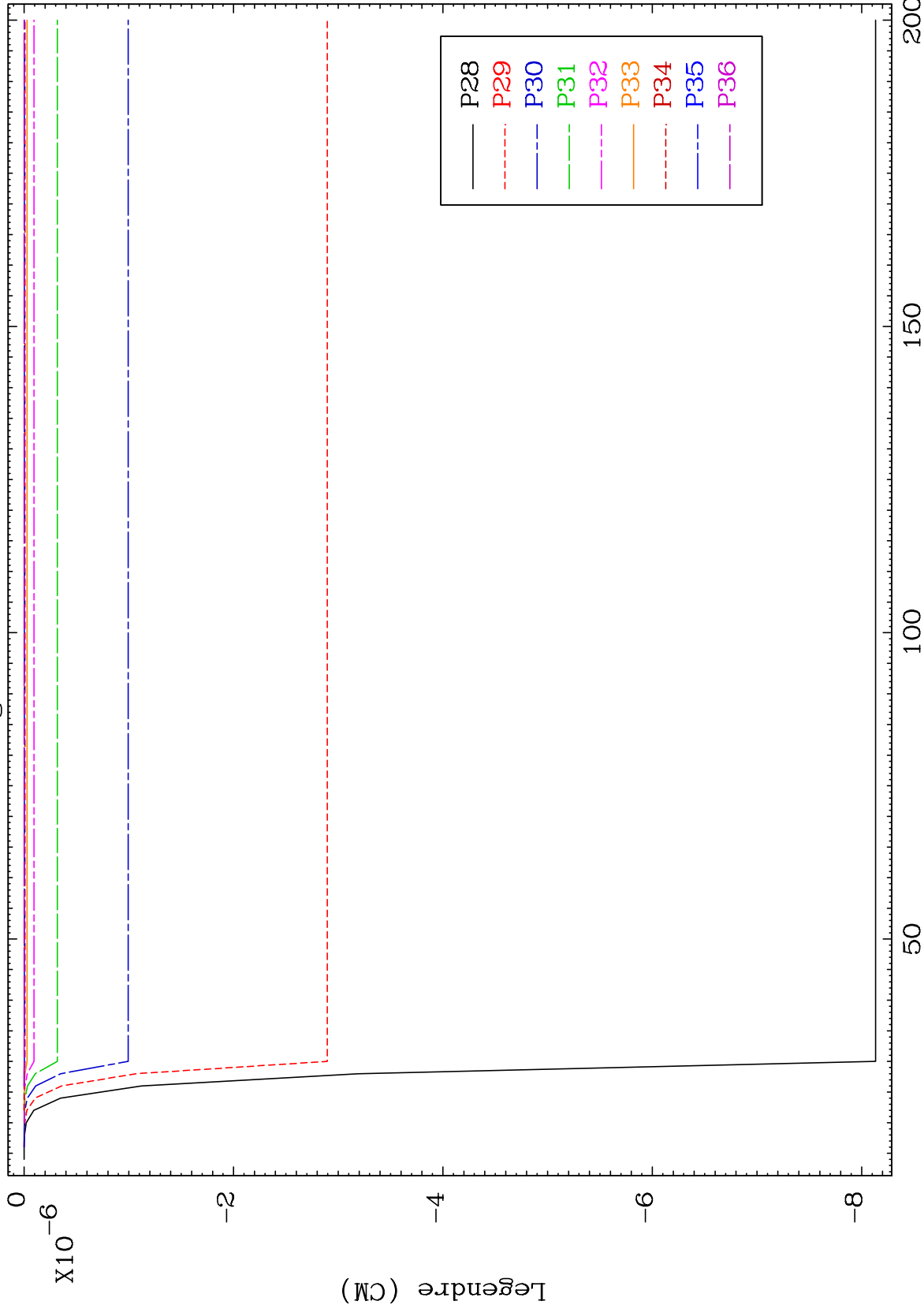
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157

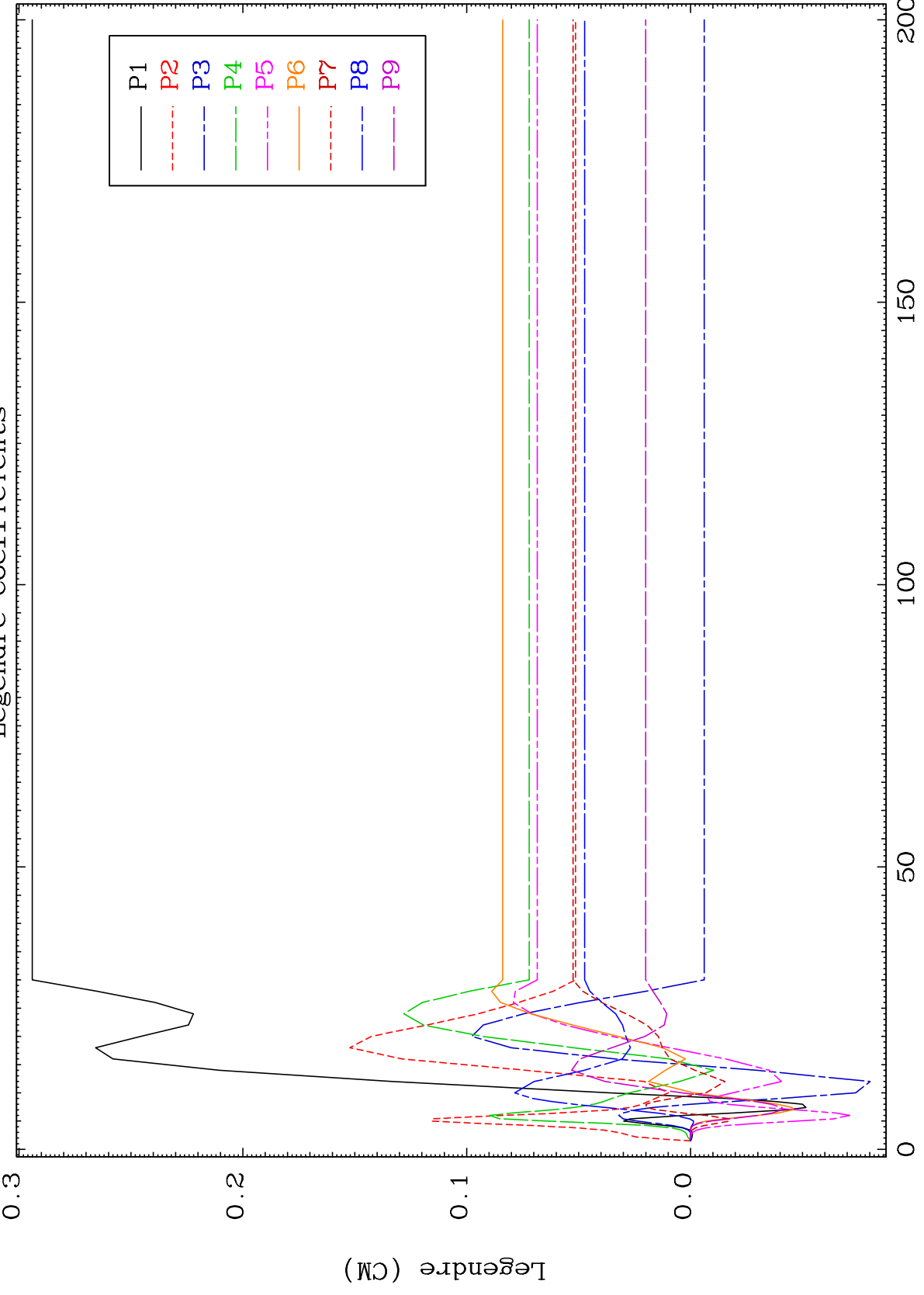


62-Sm-157

Incident Energy (MeV)

75

MAT 6264 MT= 65 (n,n') Level Legendre Coefficients 62-Sm-157

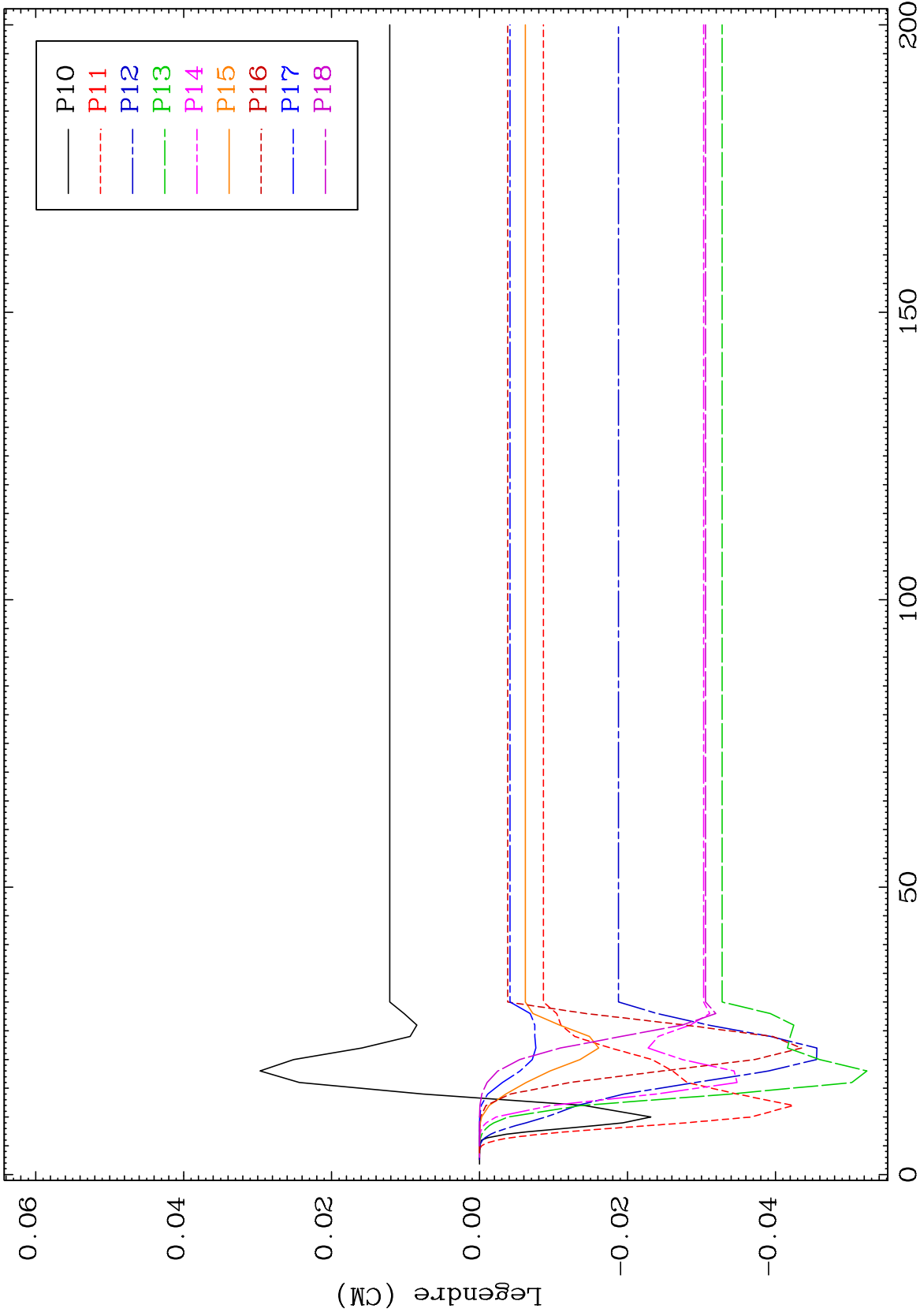


76 Incident Energy (MeV) 62-Sm-157

MAT 6264

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

62-Sm-157



77

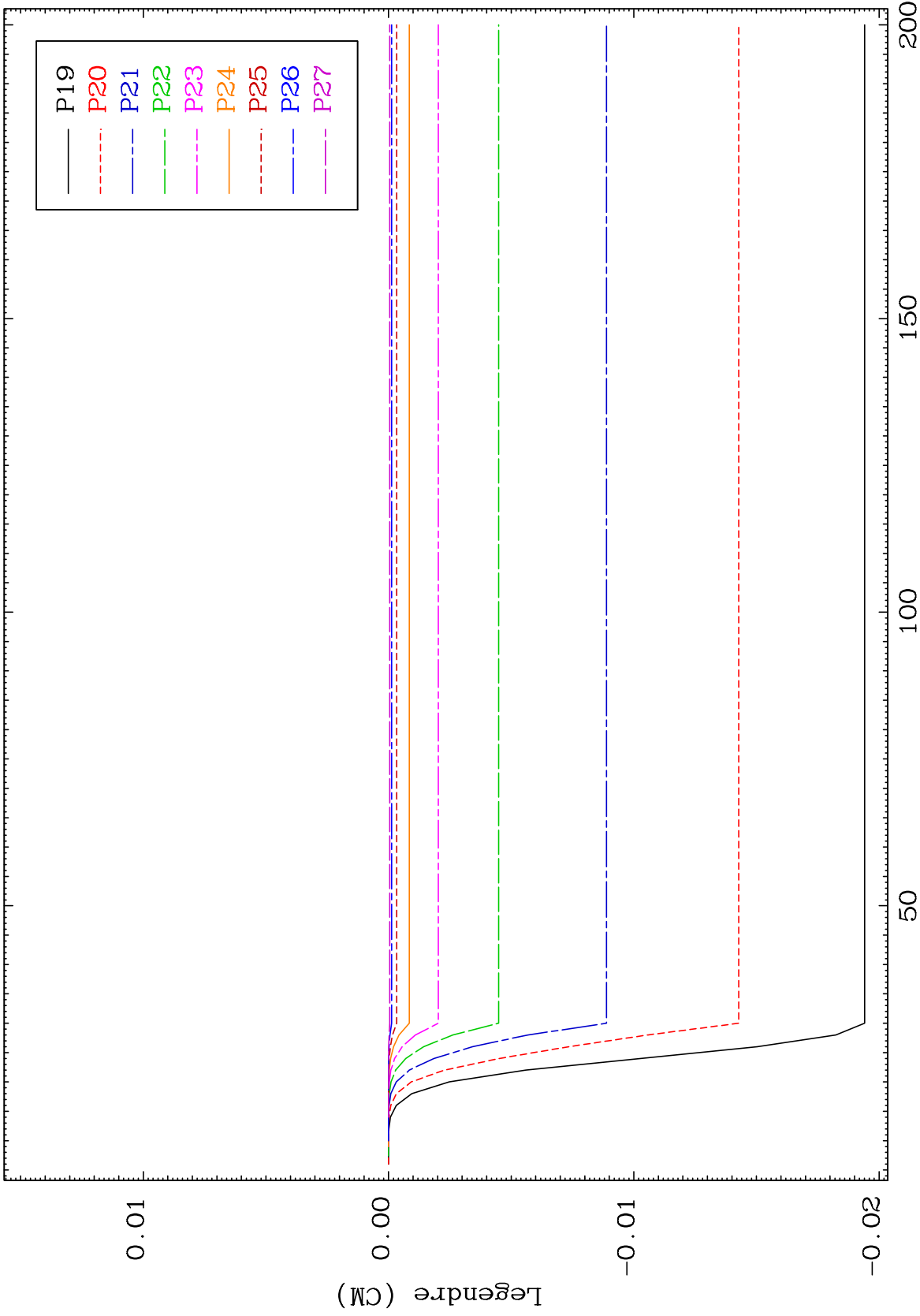
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



78

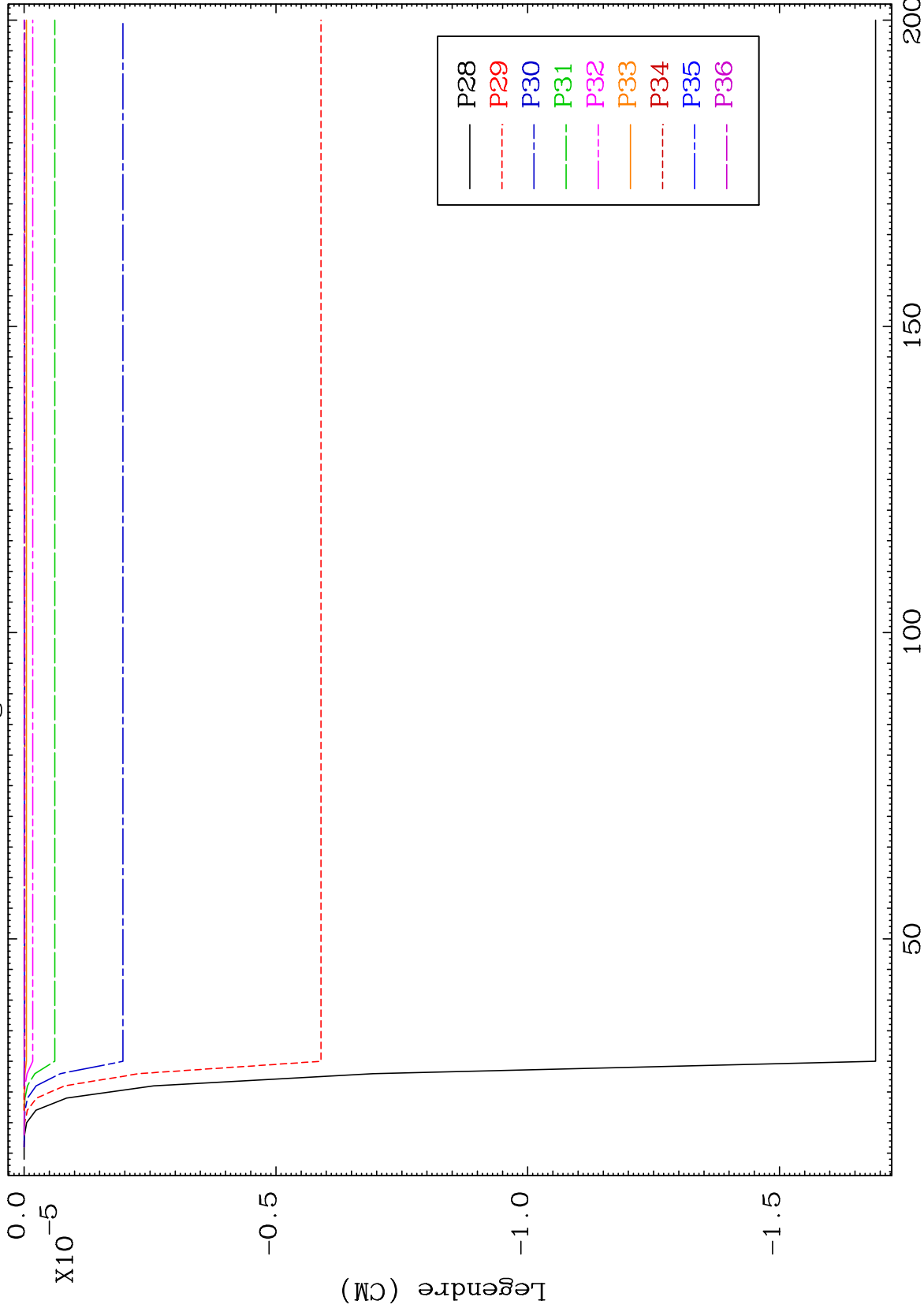
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



79

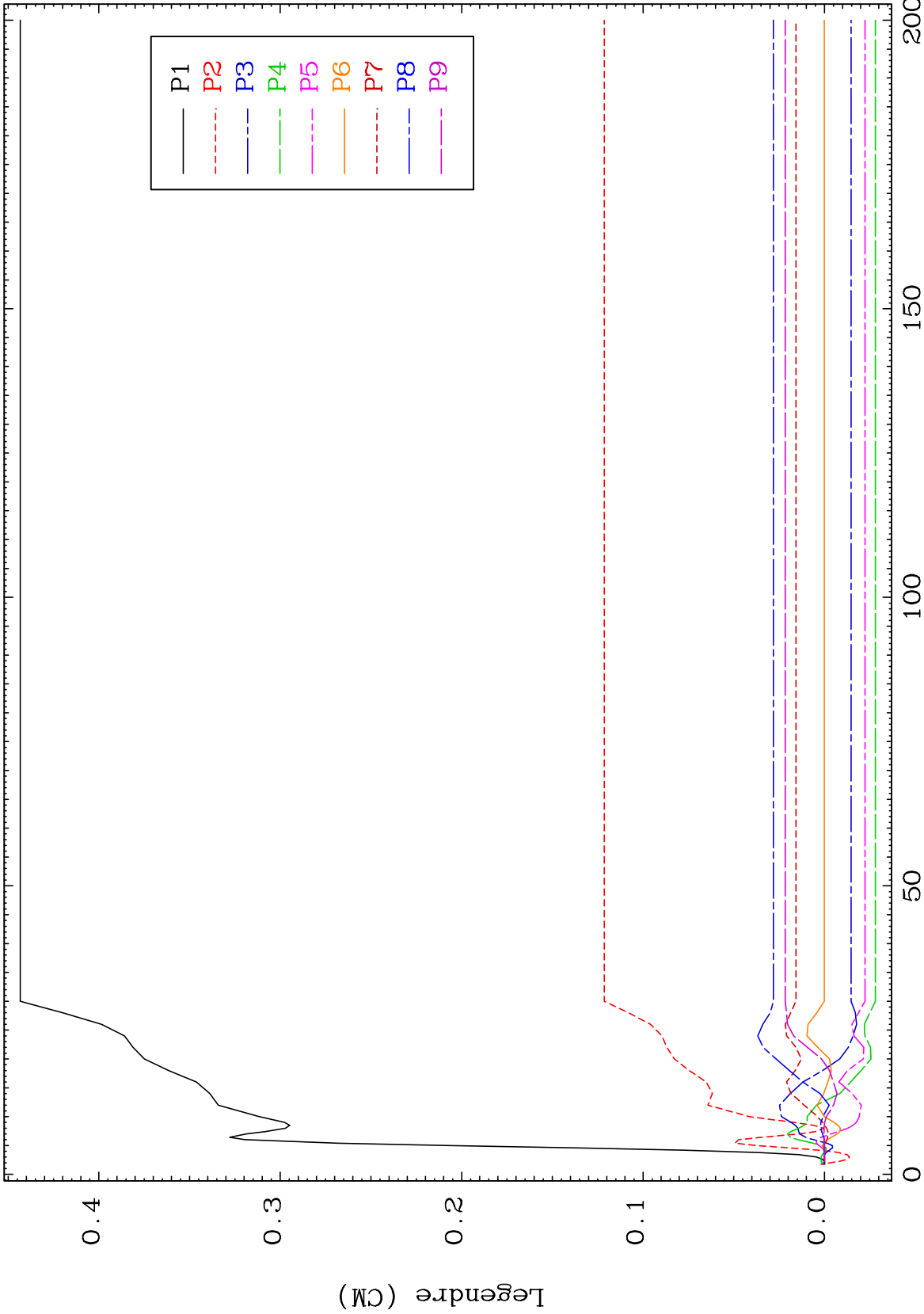
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



80

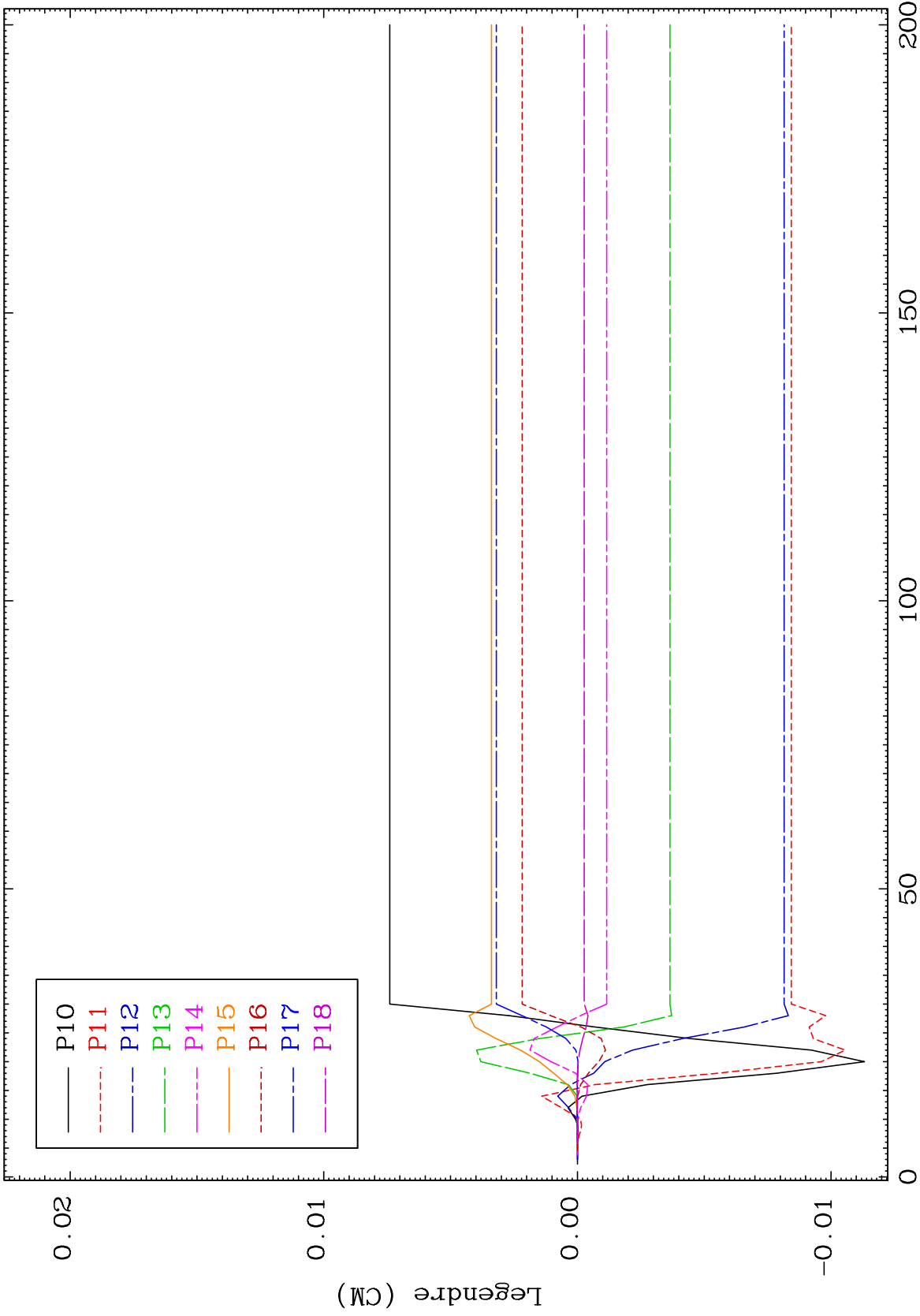
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157

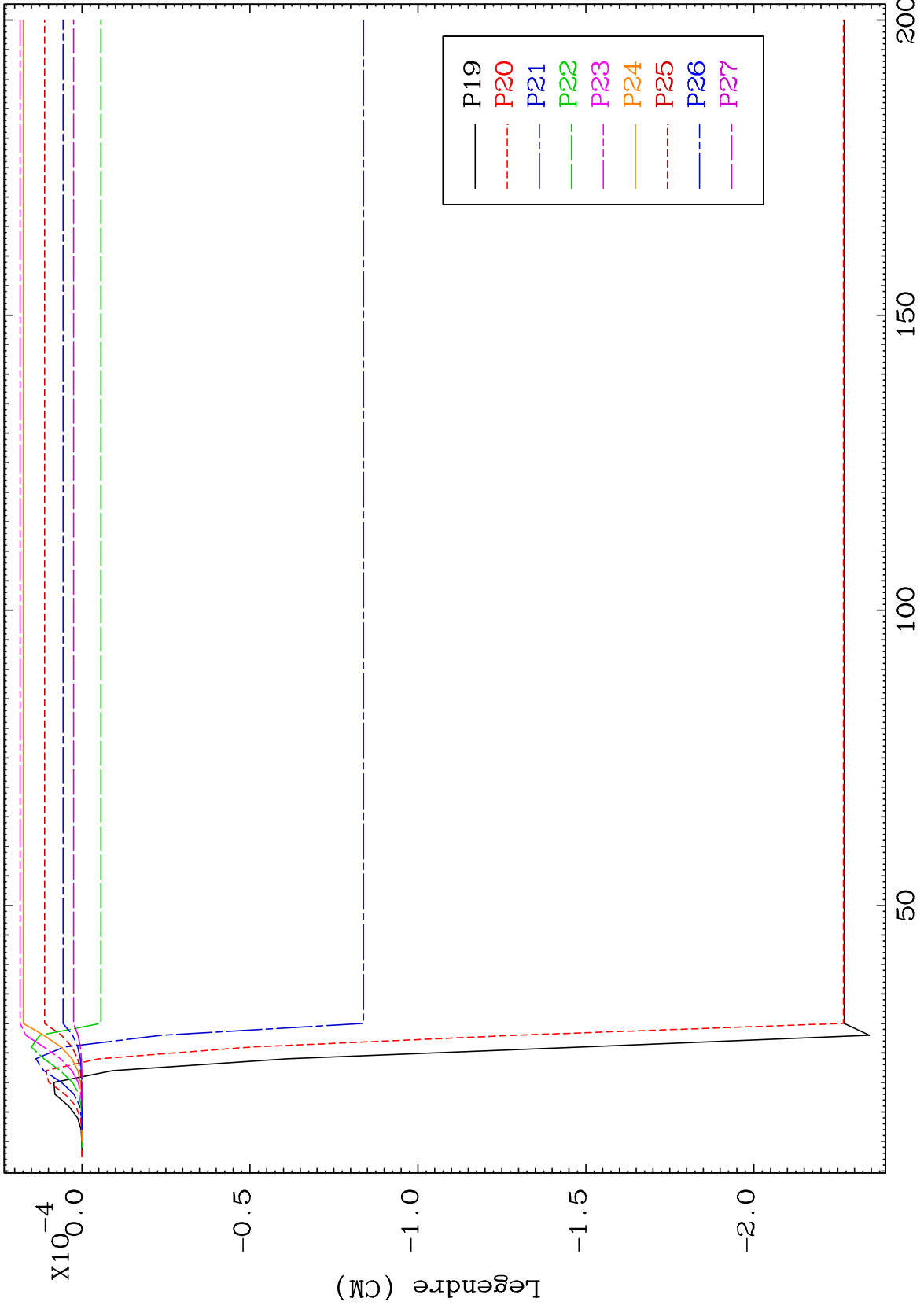


81

Incident Energy (MeV)

62-Sm-157

MAT 6264 MT= 66 (n,n') Level Legendre Coefficients 62-Sm-157

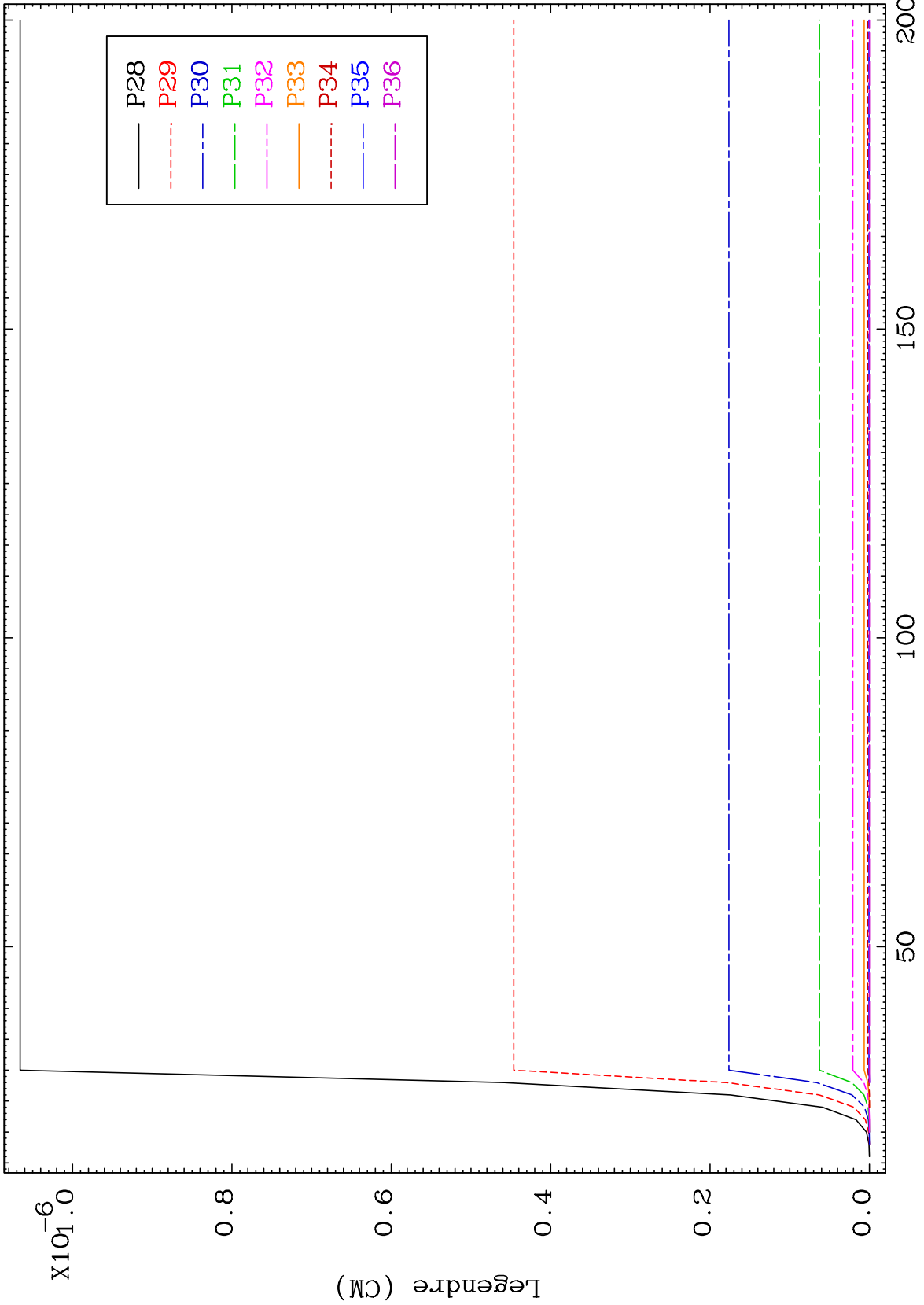


82 Incident Energy (MeV) 62-Sm-157

MAT 6264

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

62-Sm-157



83

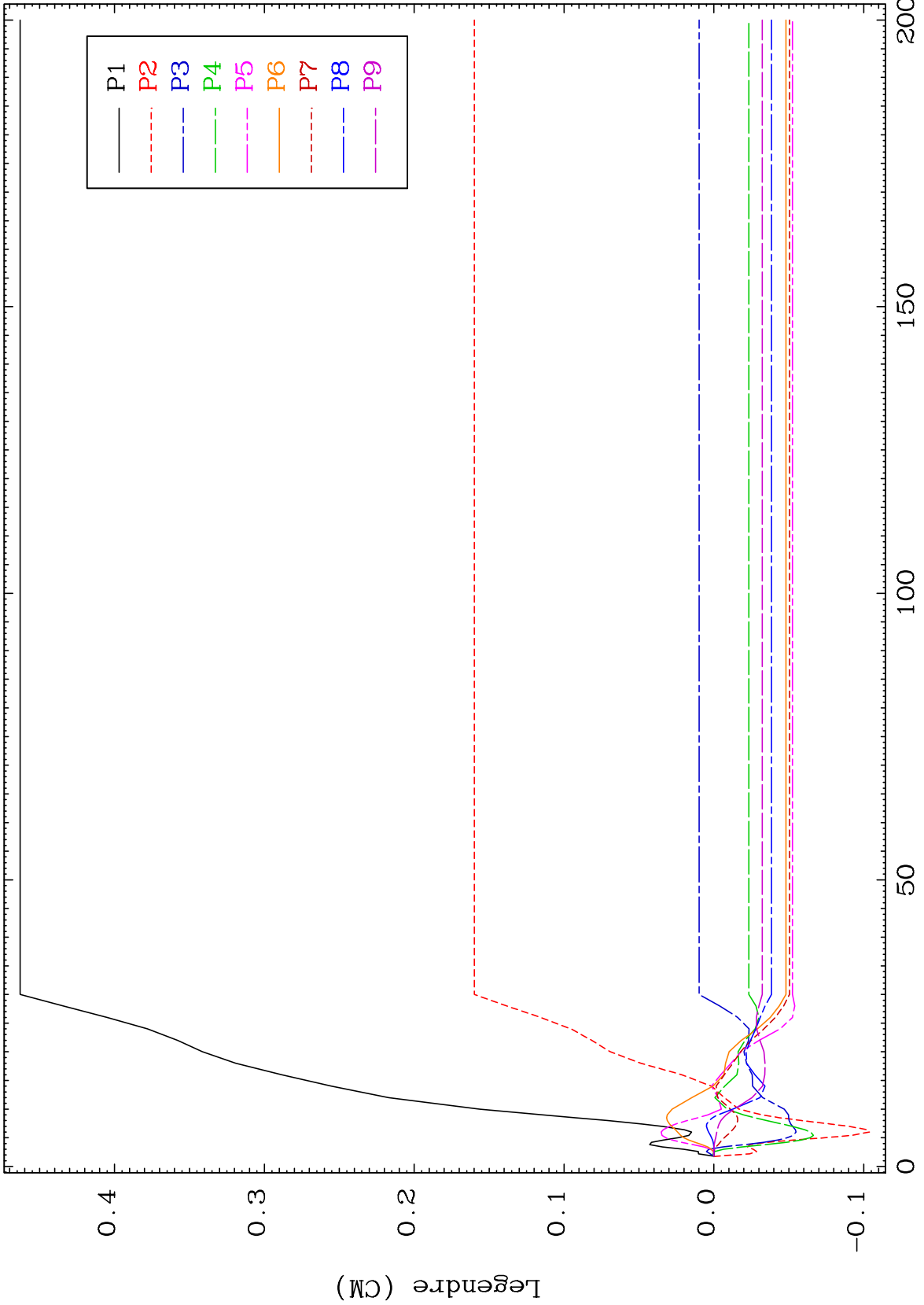
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



84

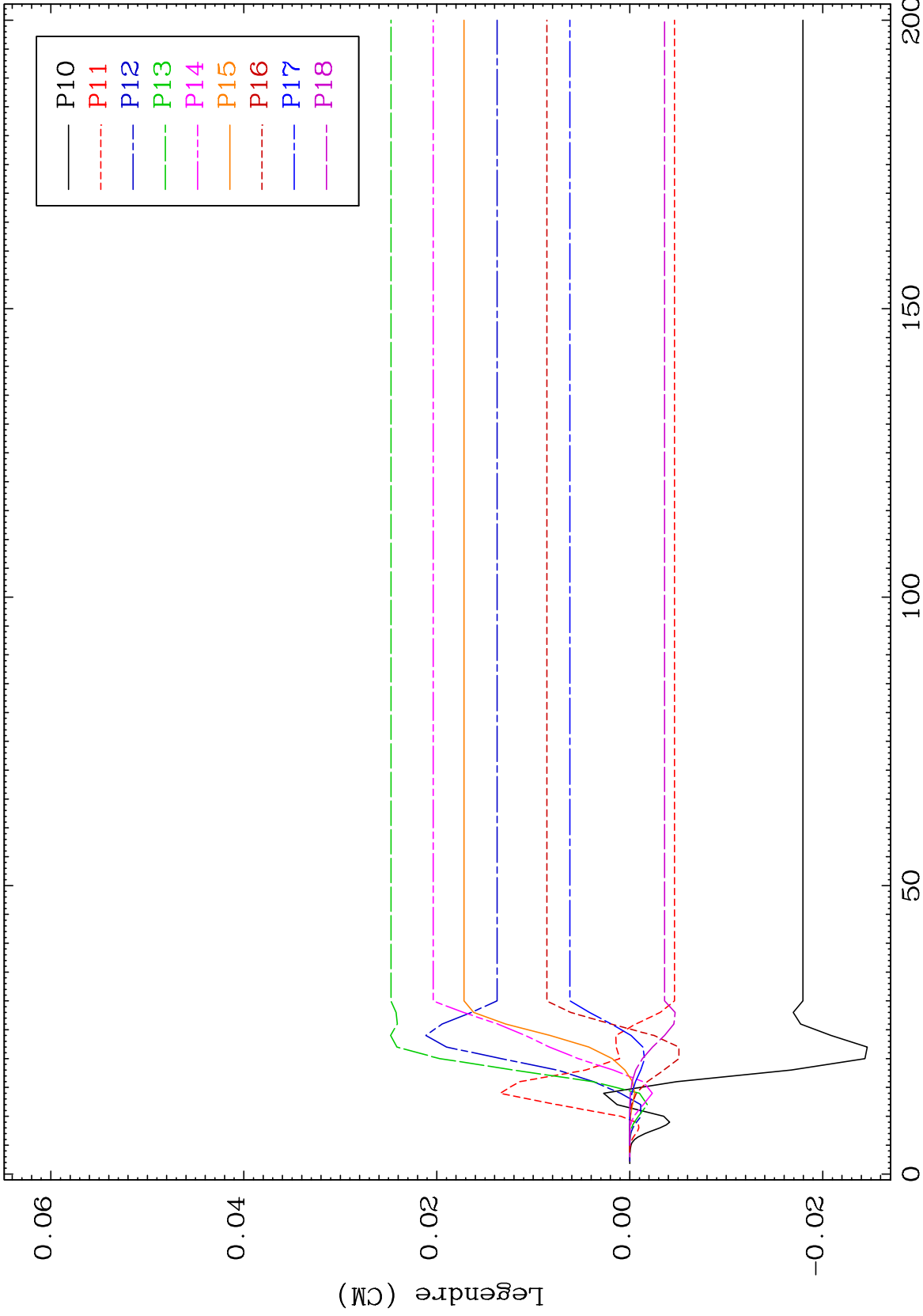
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



85

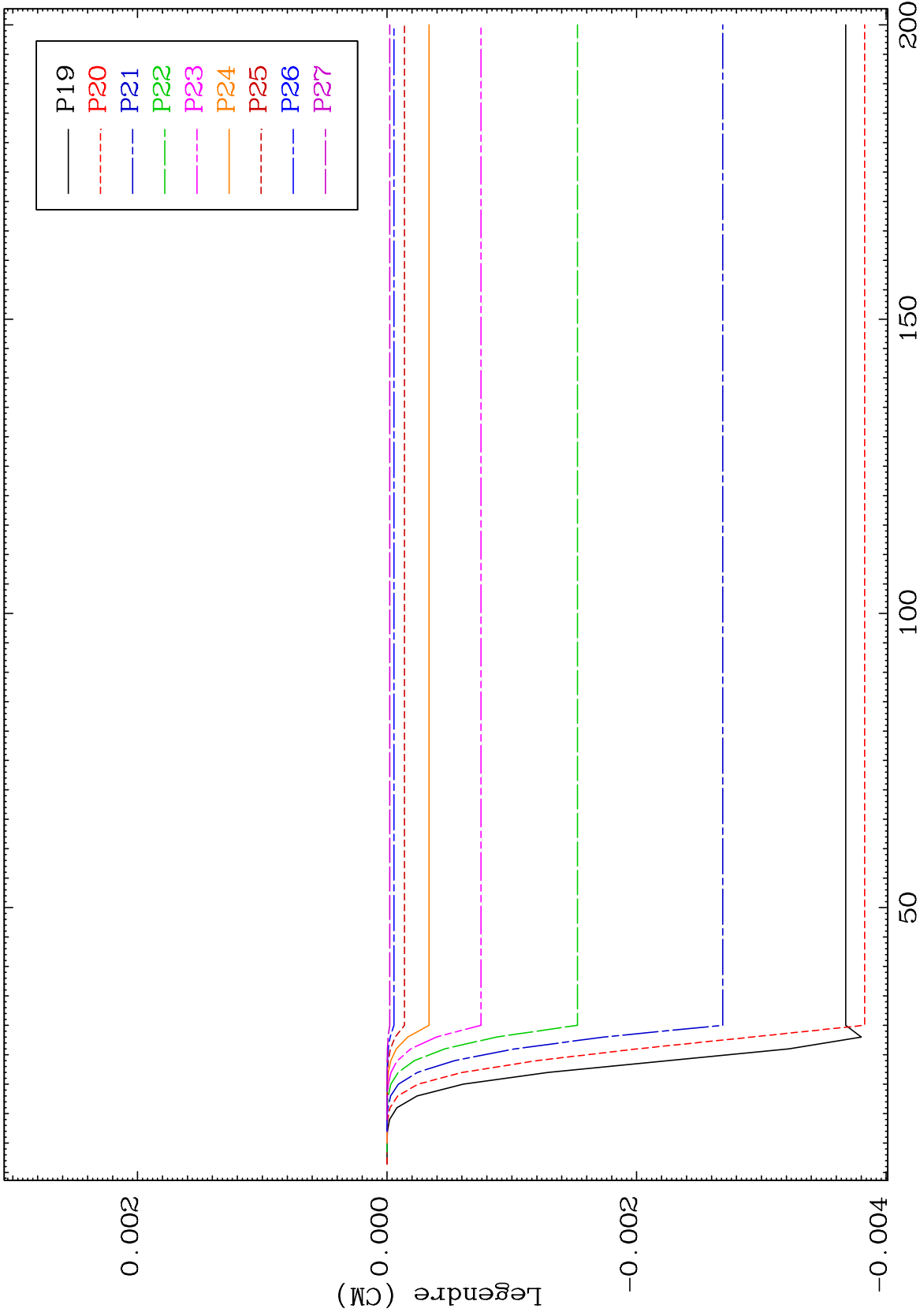
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



86

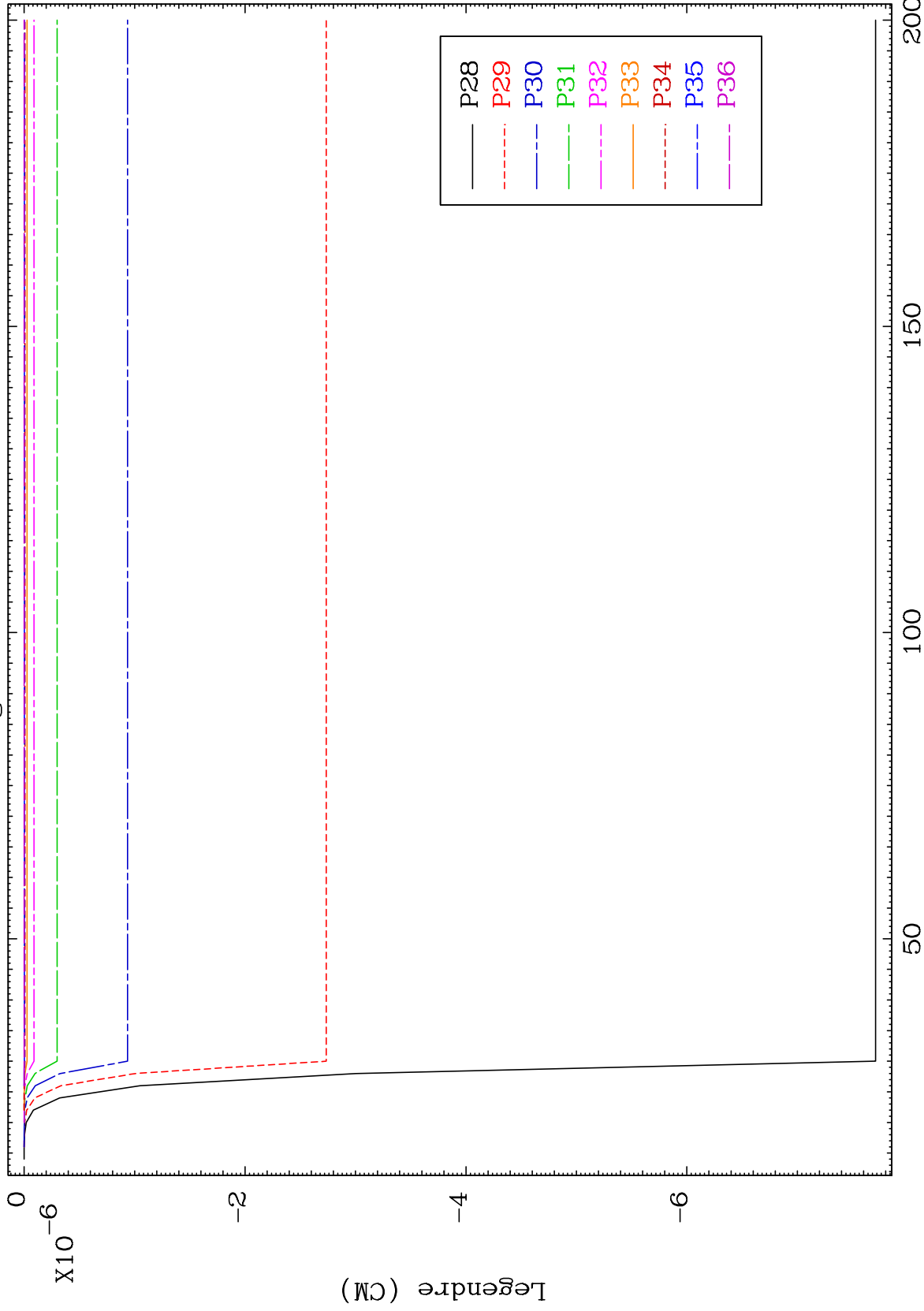
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



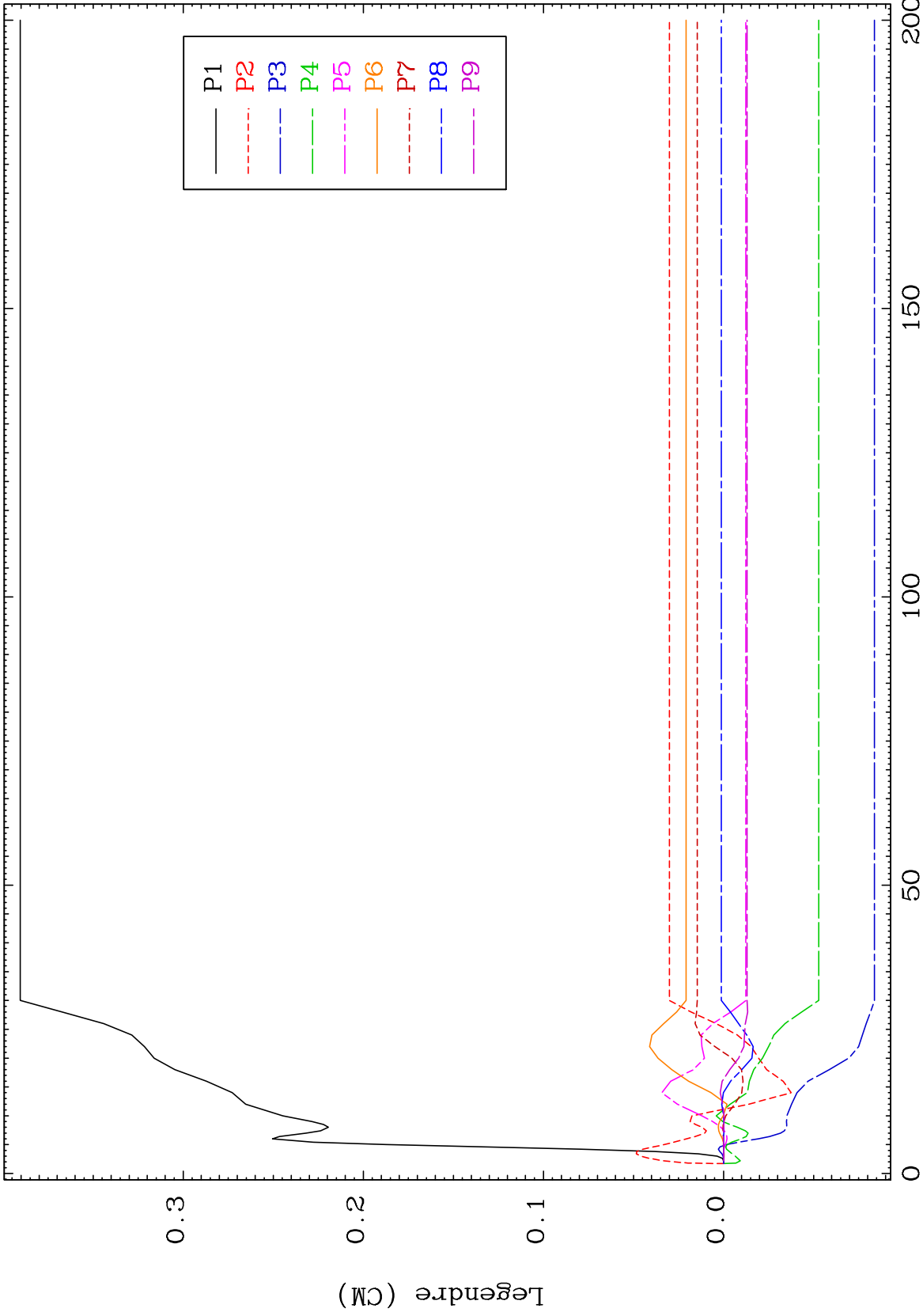
87

62-Sm-157

MAT 6264

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

62-Sm-157



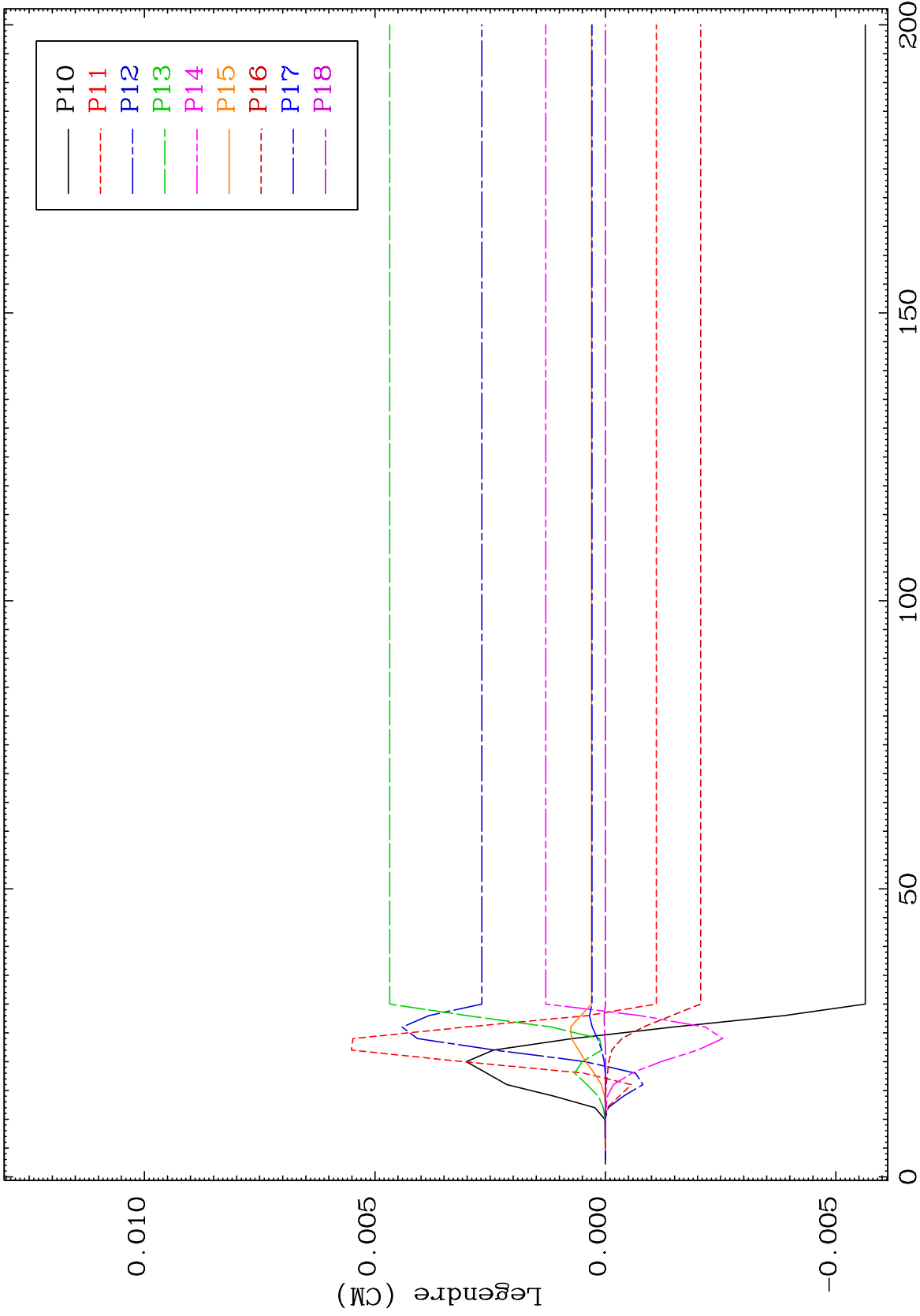
88

62-Sm-157

MAT 6264

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

62-Sm-157



89

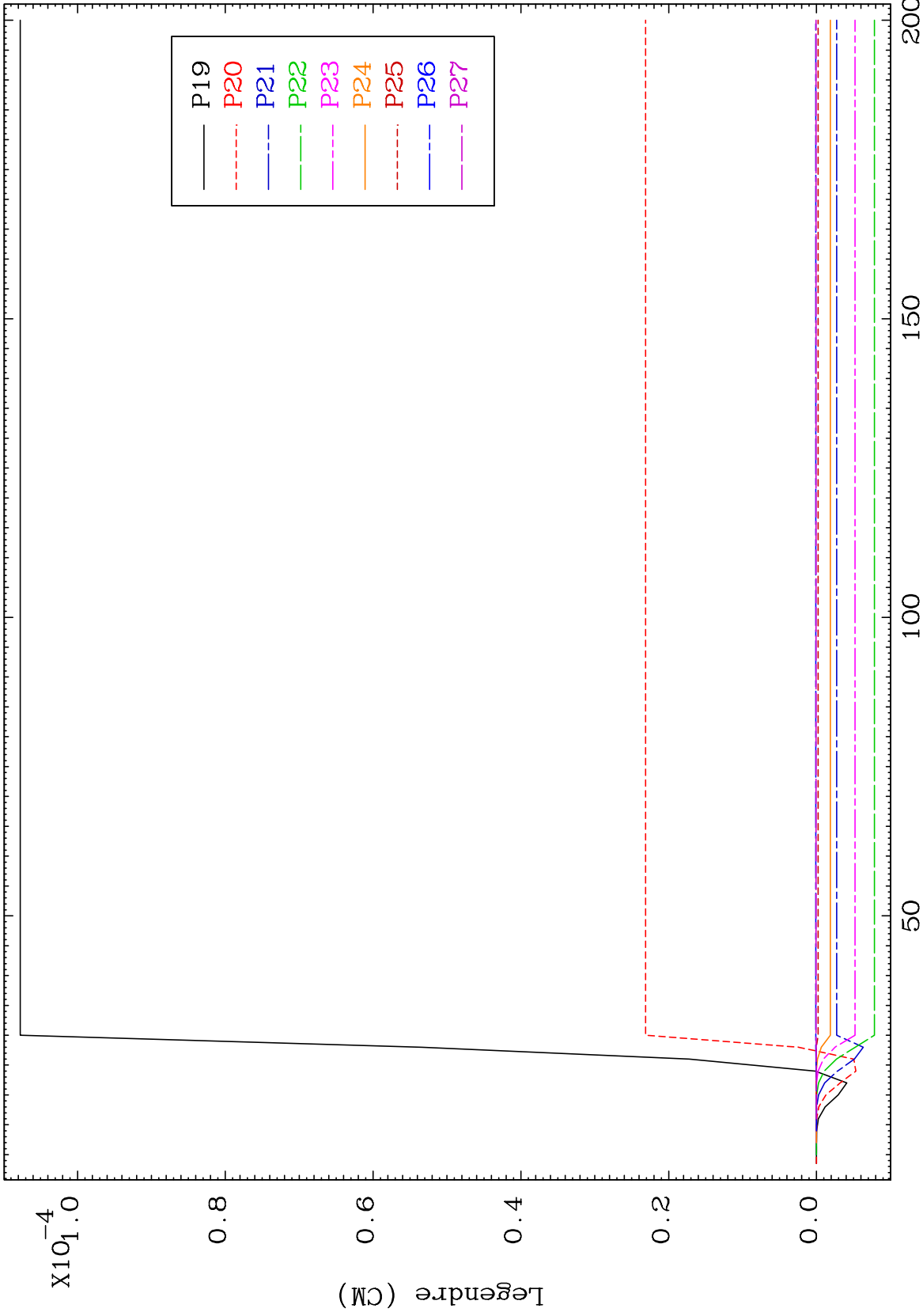
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



90

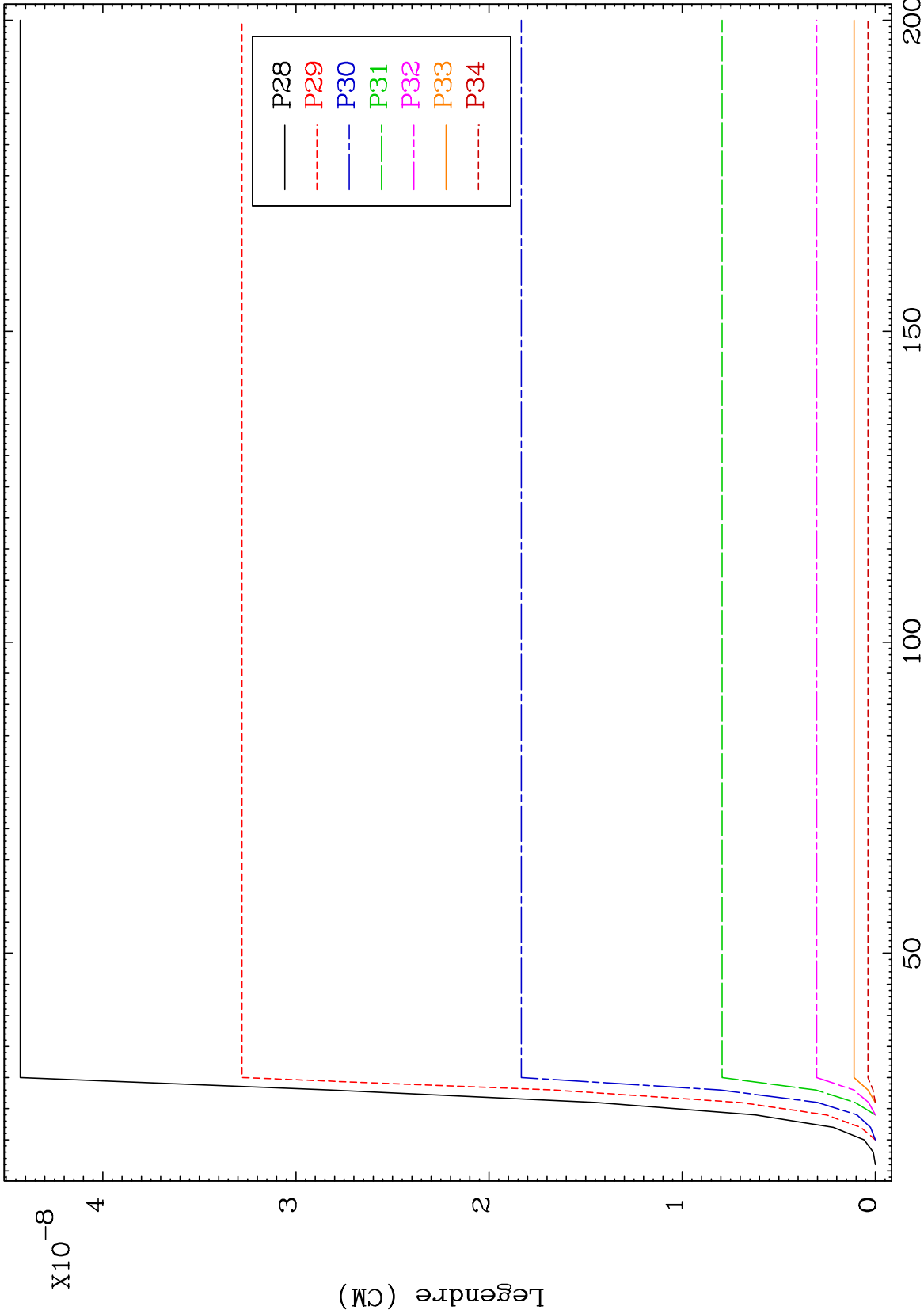
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



91

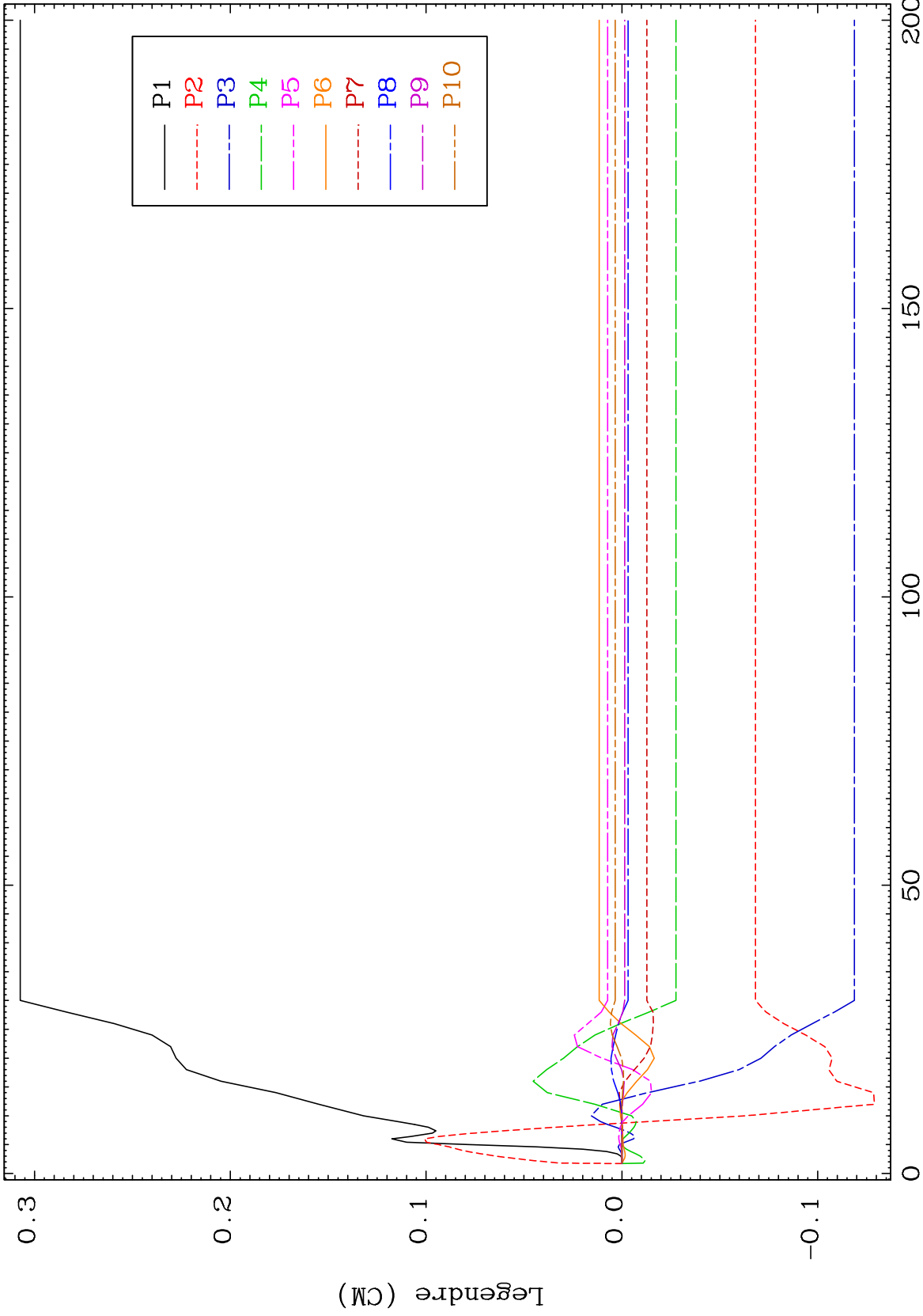
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



92

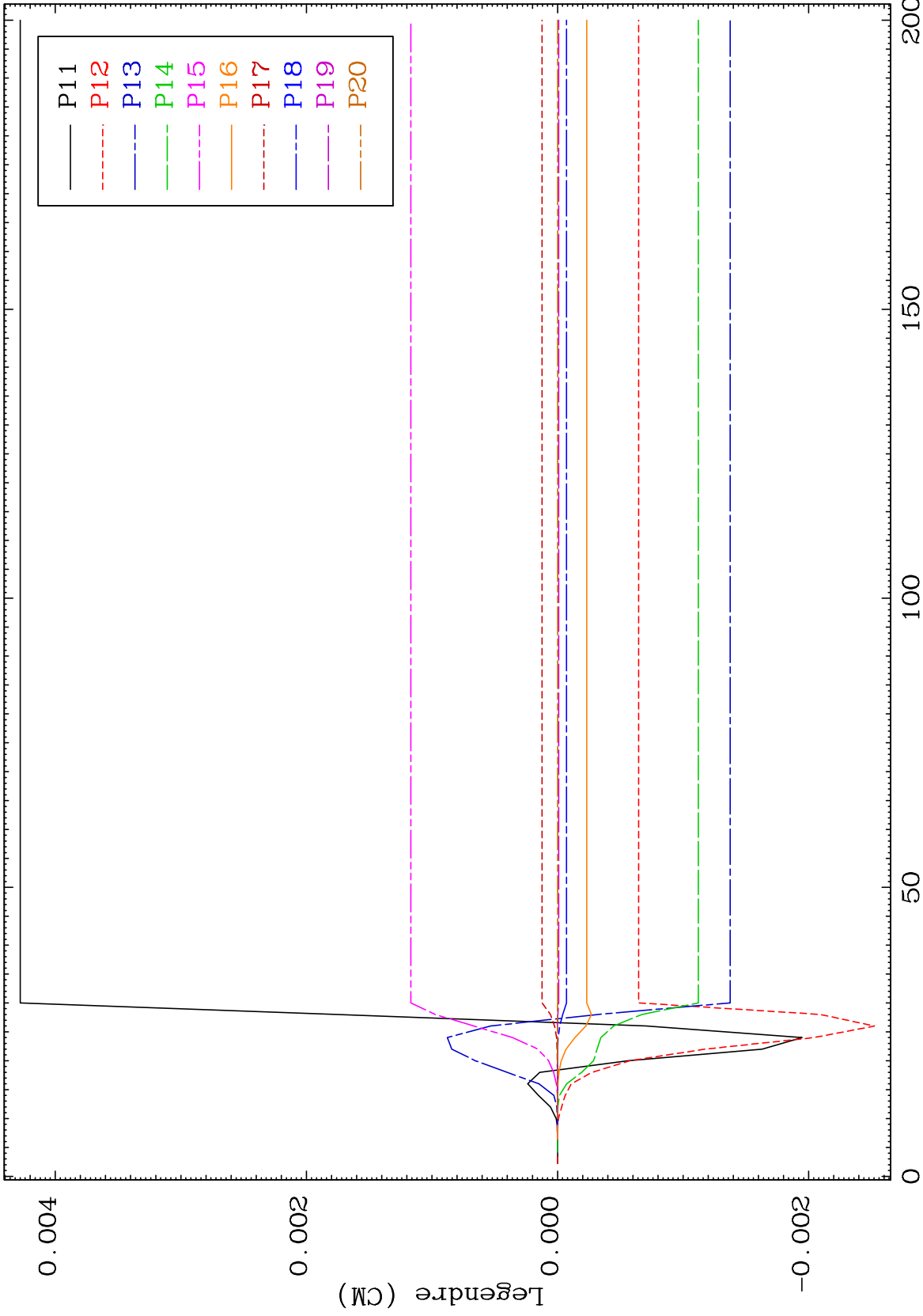
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



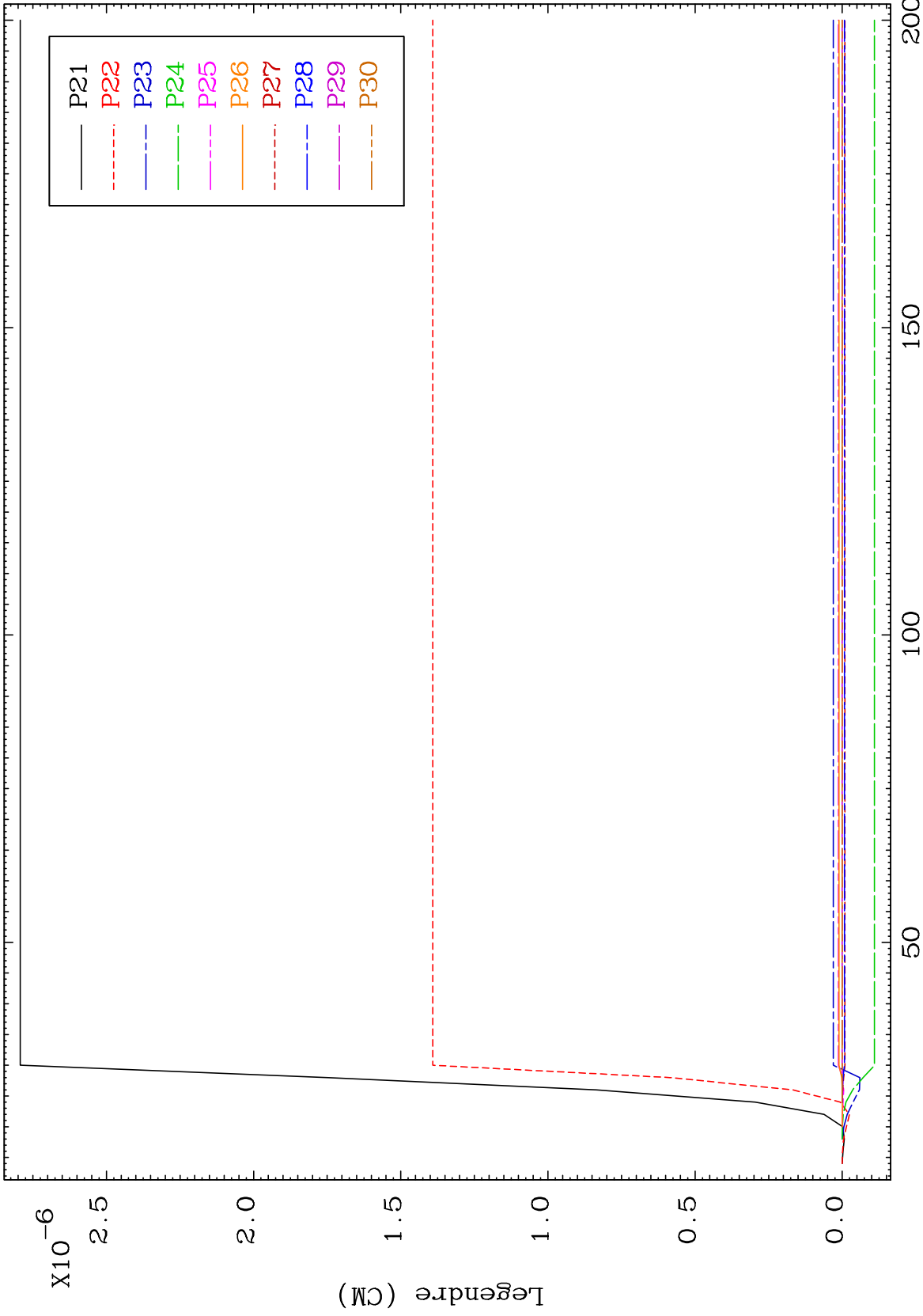
93

62-Sm-157

MAT 6264

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

62-Sm-157



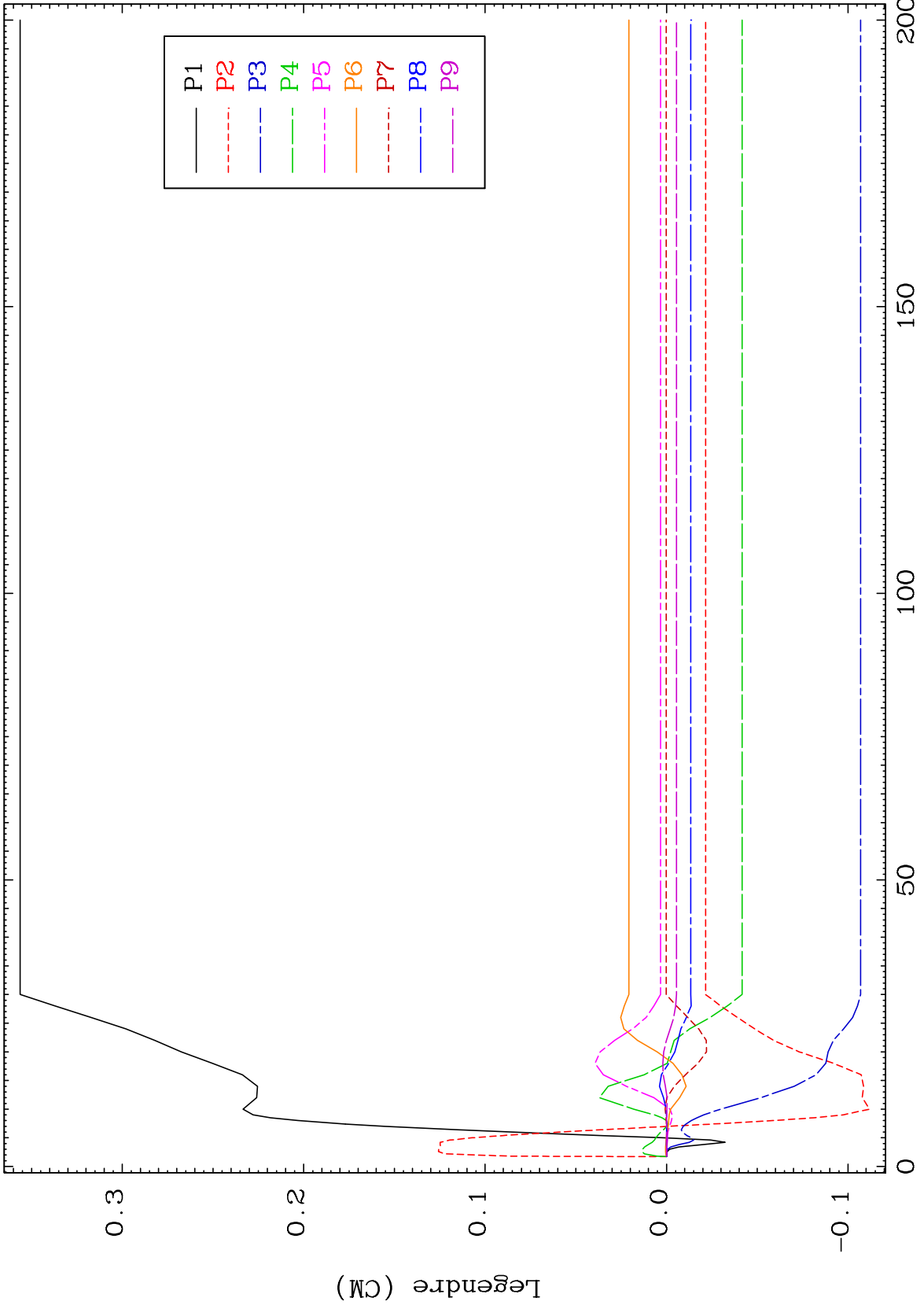
94

62-Sm-157

MAT 6264

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

62-Sm-157



95

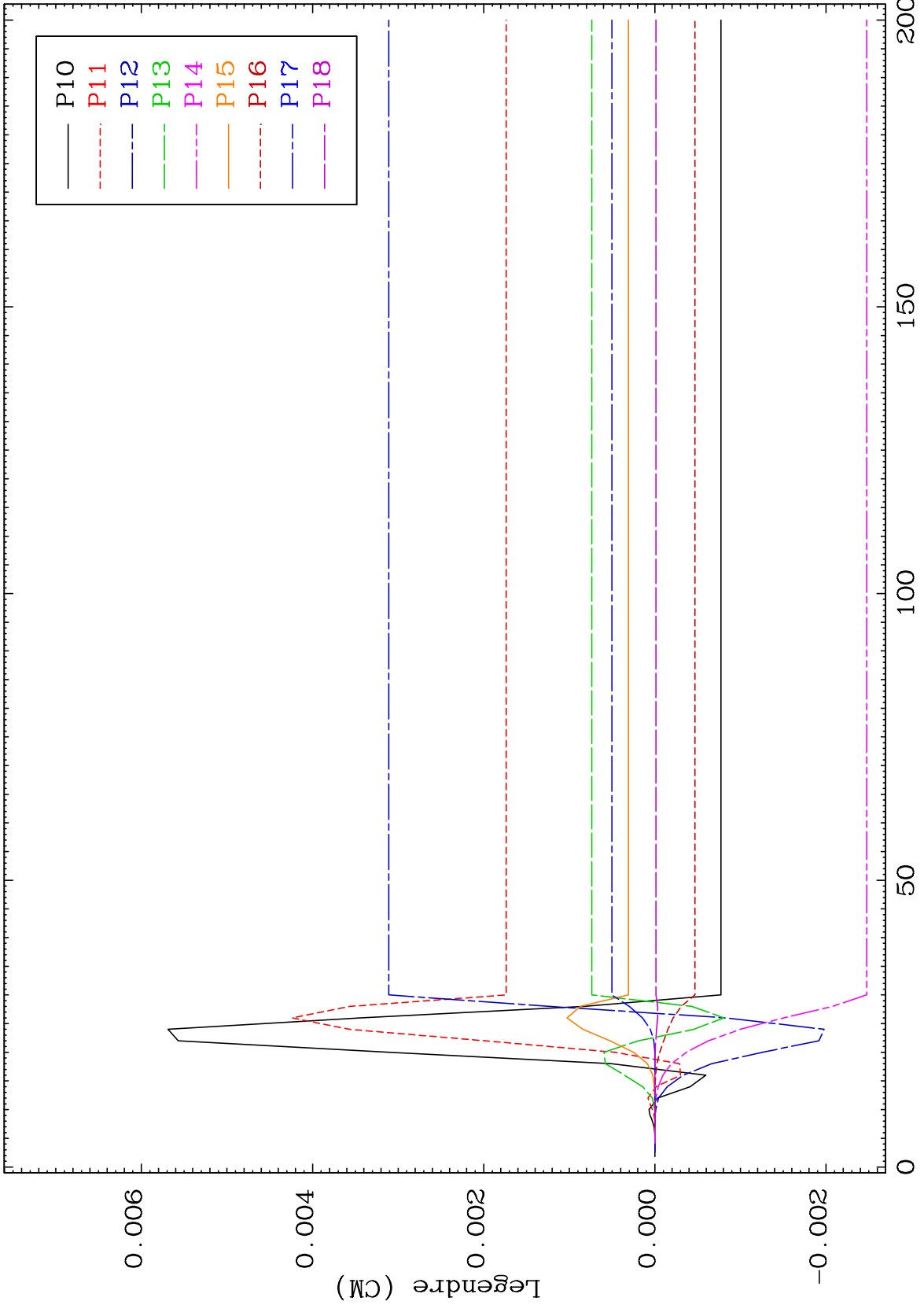
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



96

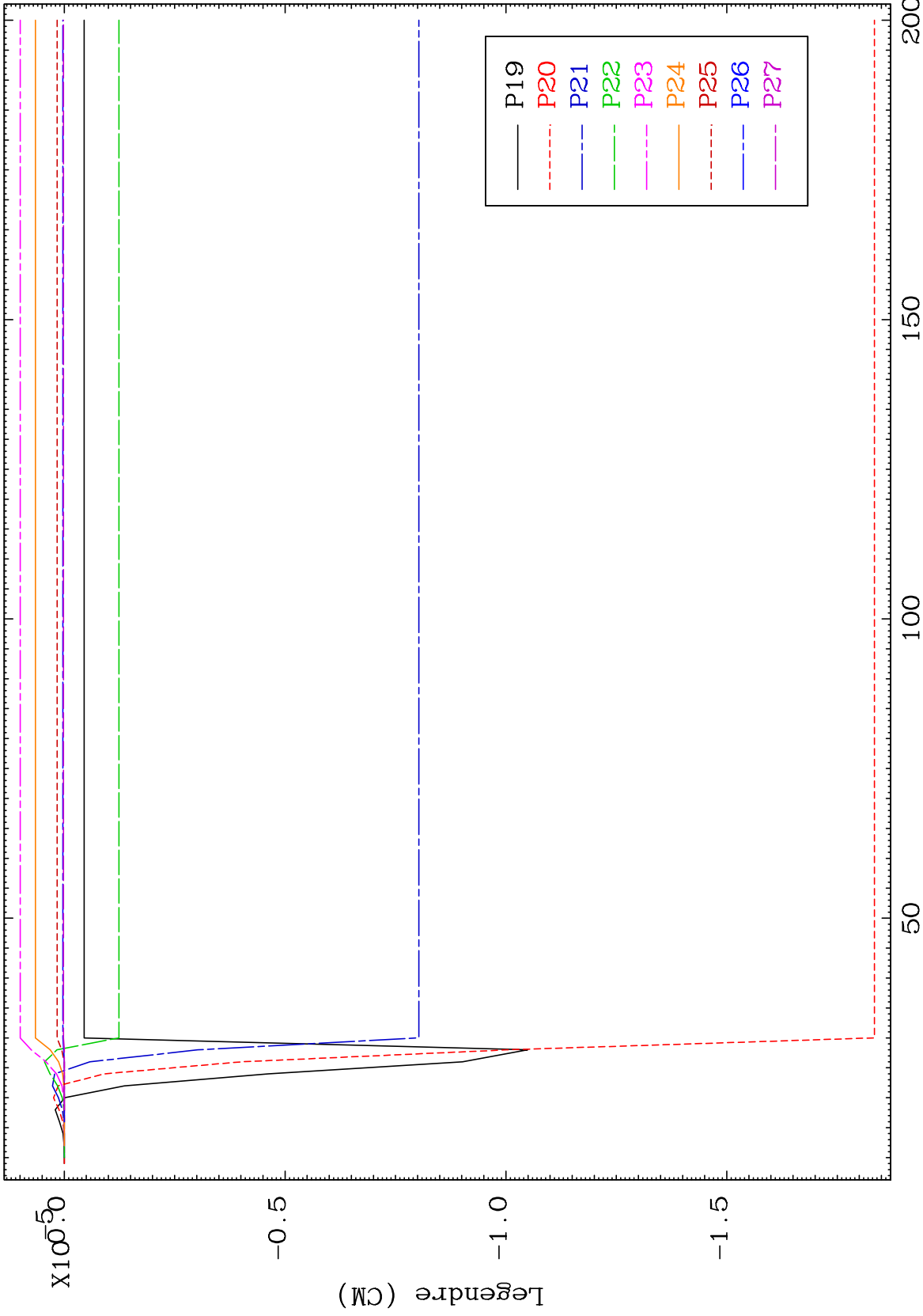
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

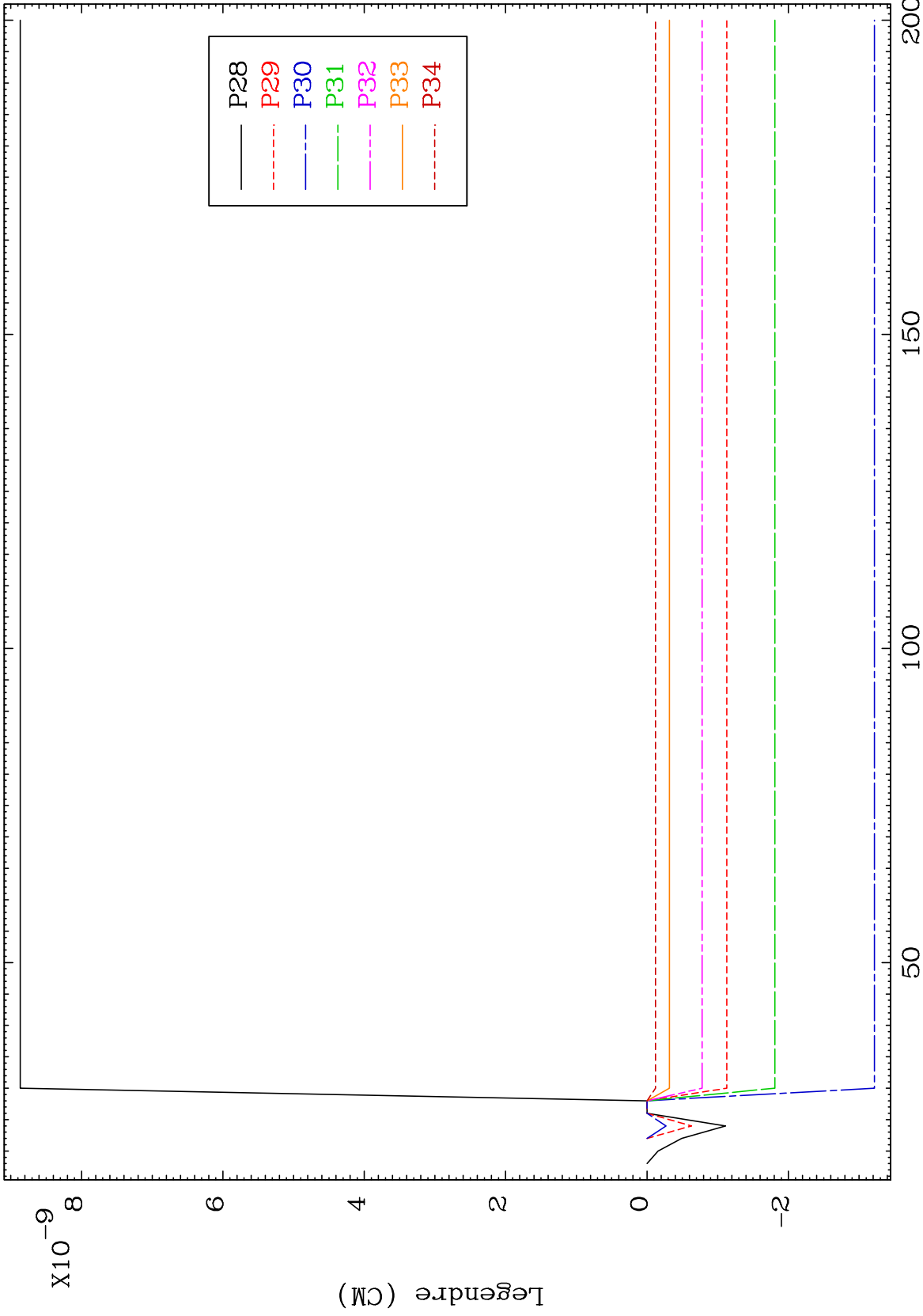
Incident Energy (MeV)

97

MAT 6264

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

62-Sm-157



98

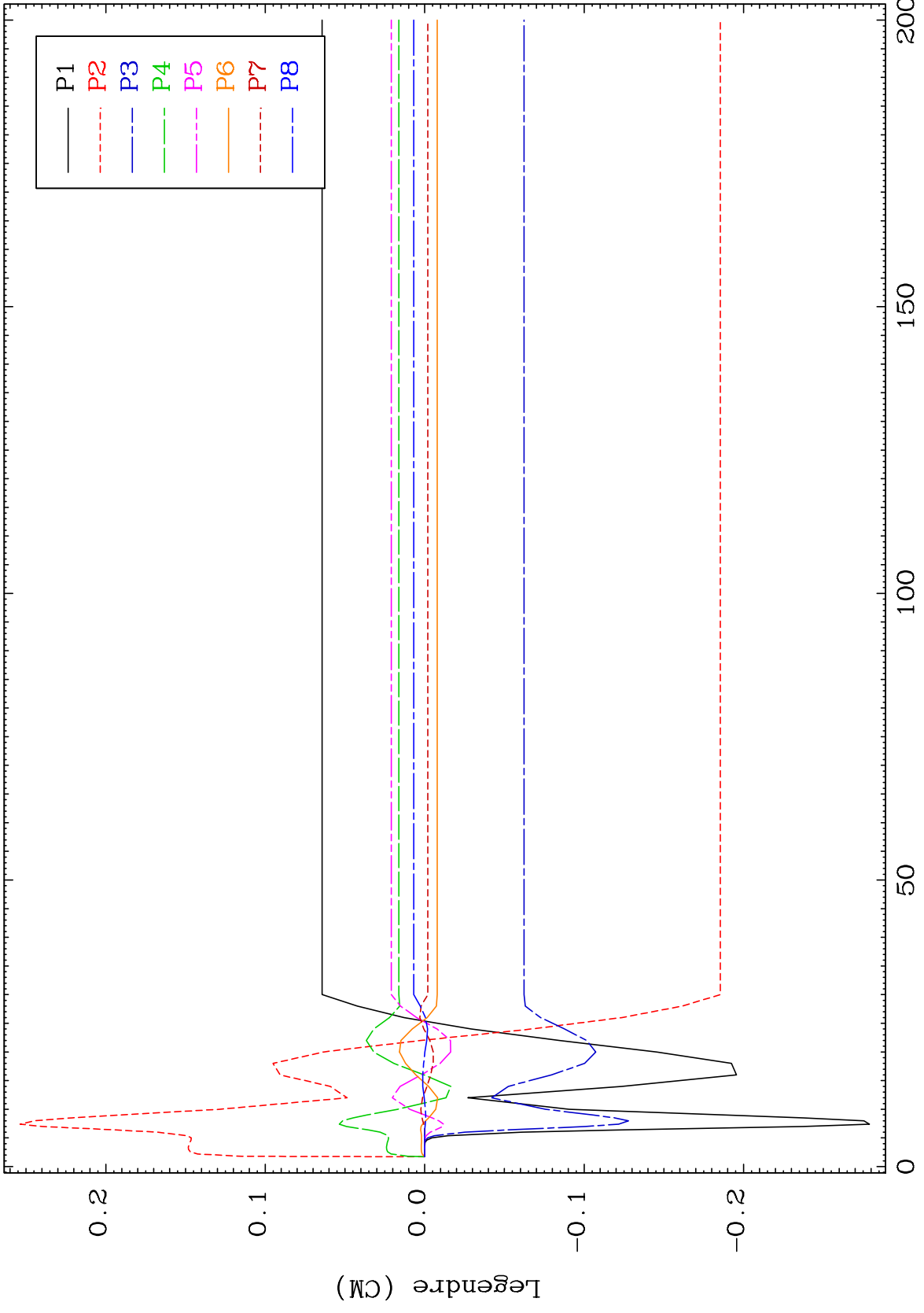
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



99

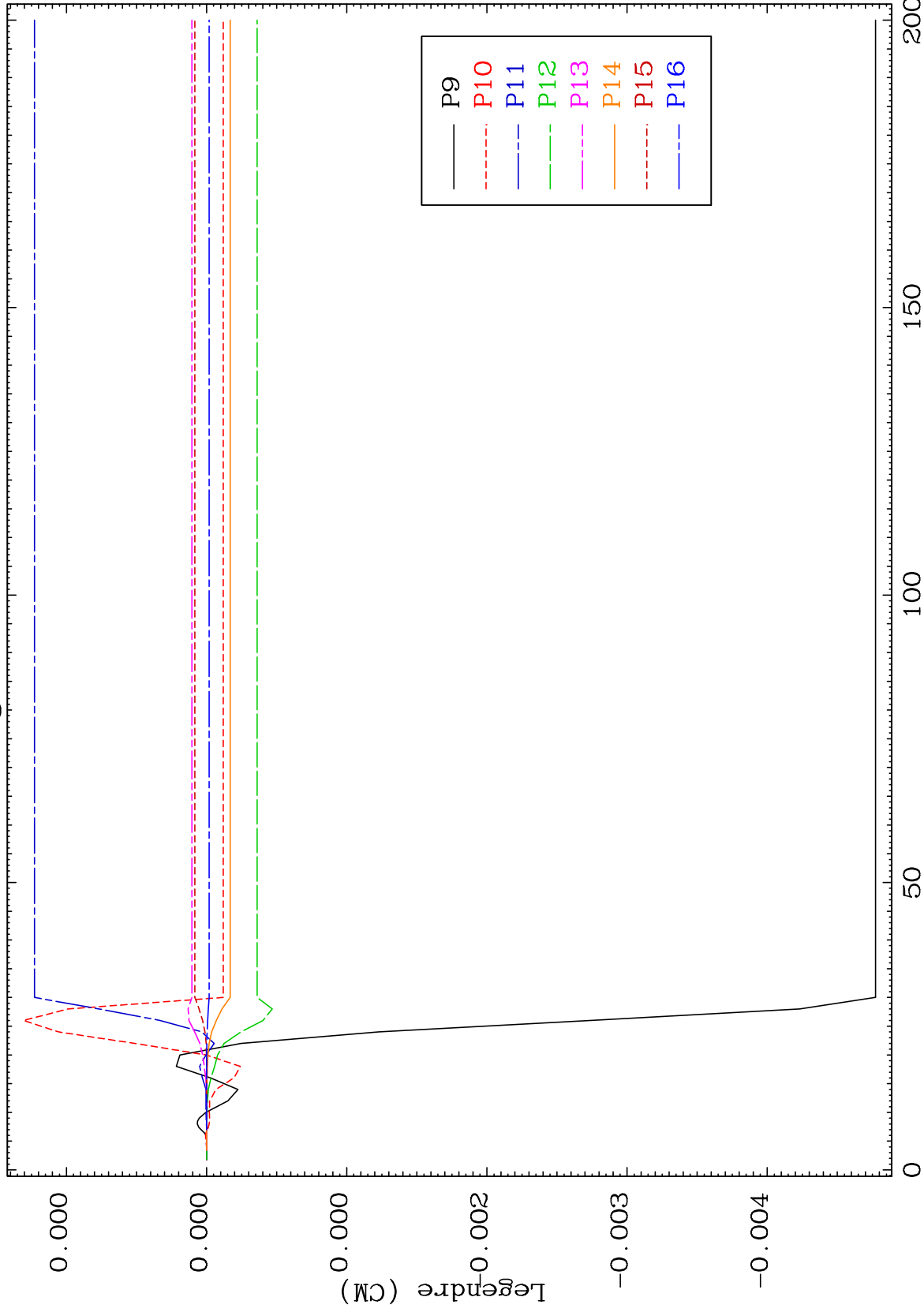
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



100

Incident Energy (MeV)

150

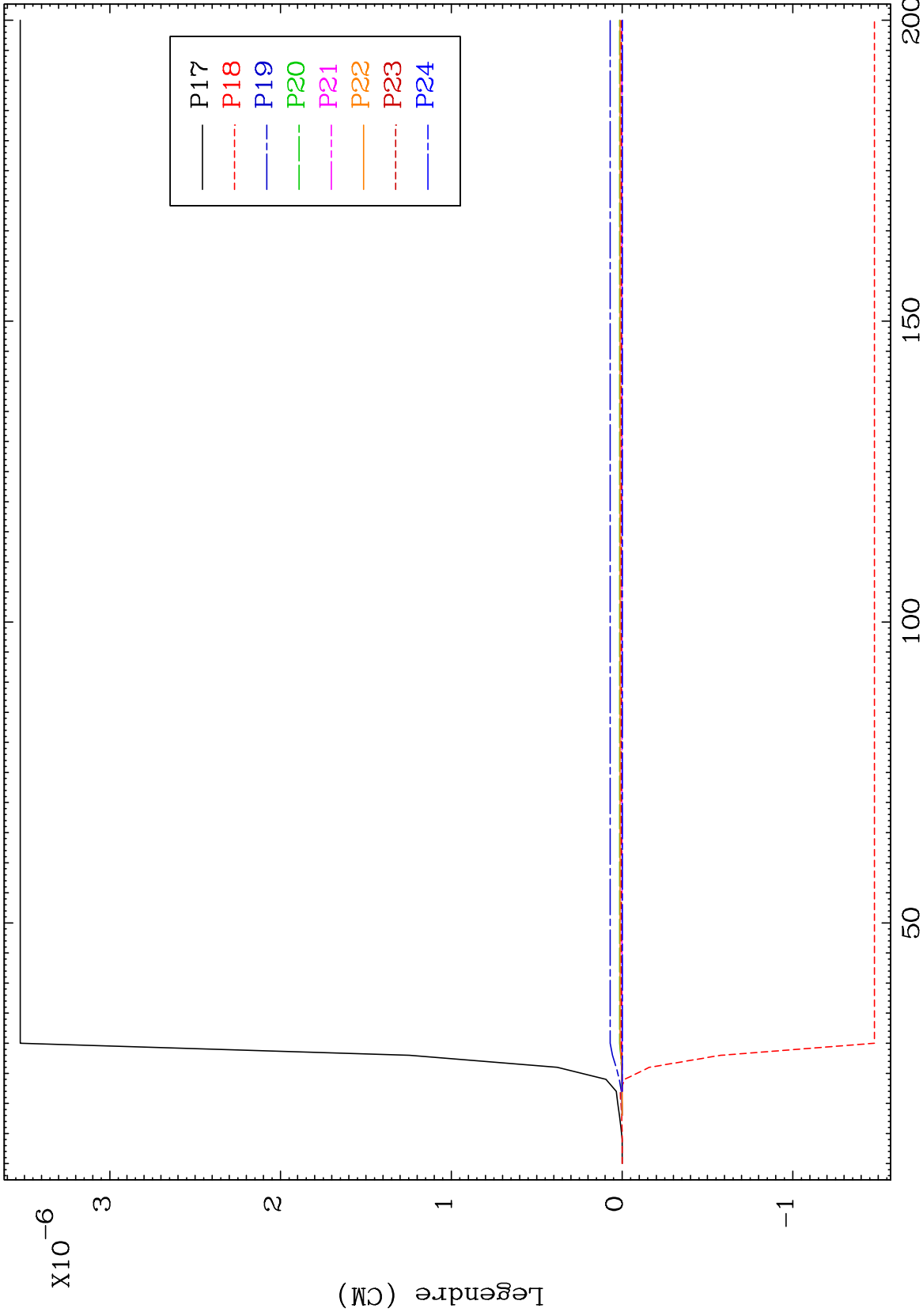
62-Sm-157

0 50 100 150 200

MAT 6264

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

62-Sm-157



101

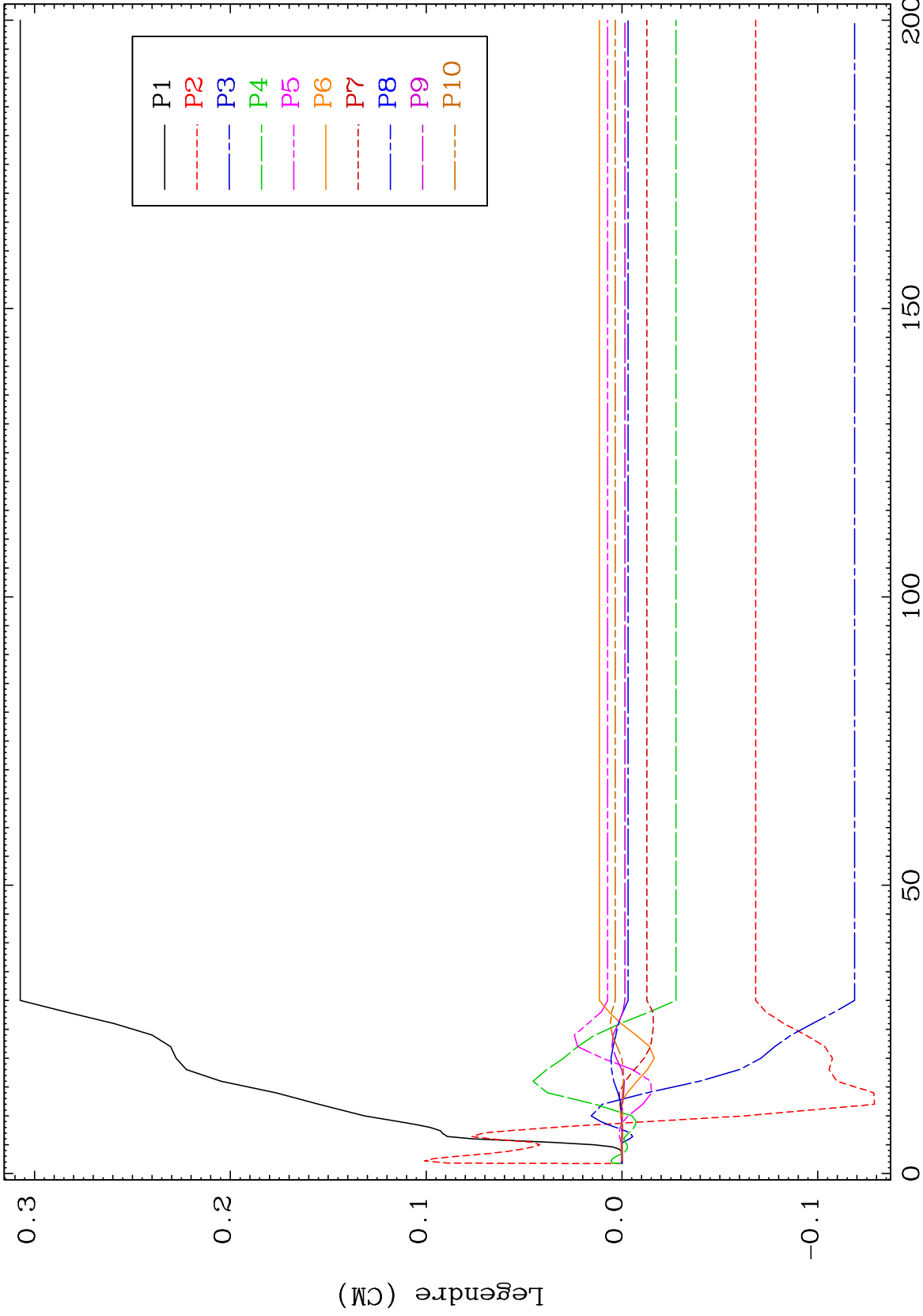
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



102

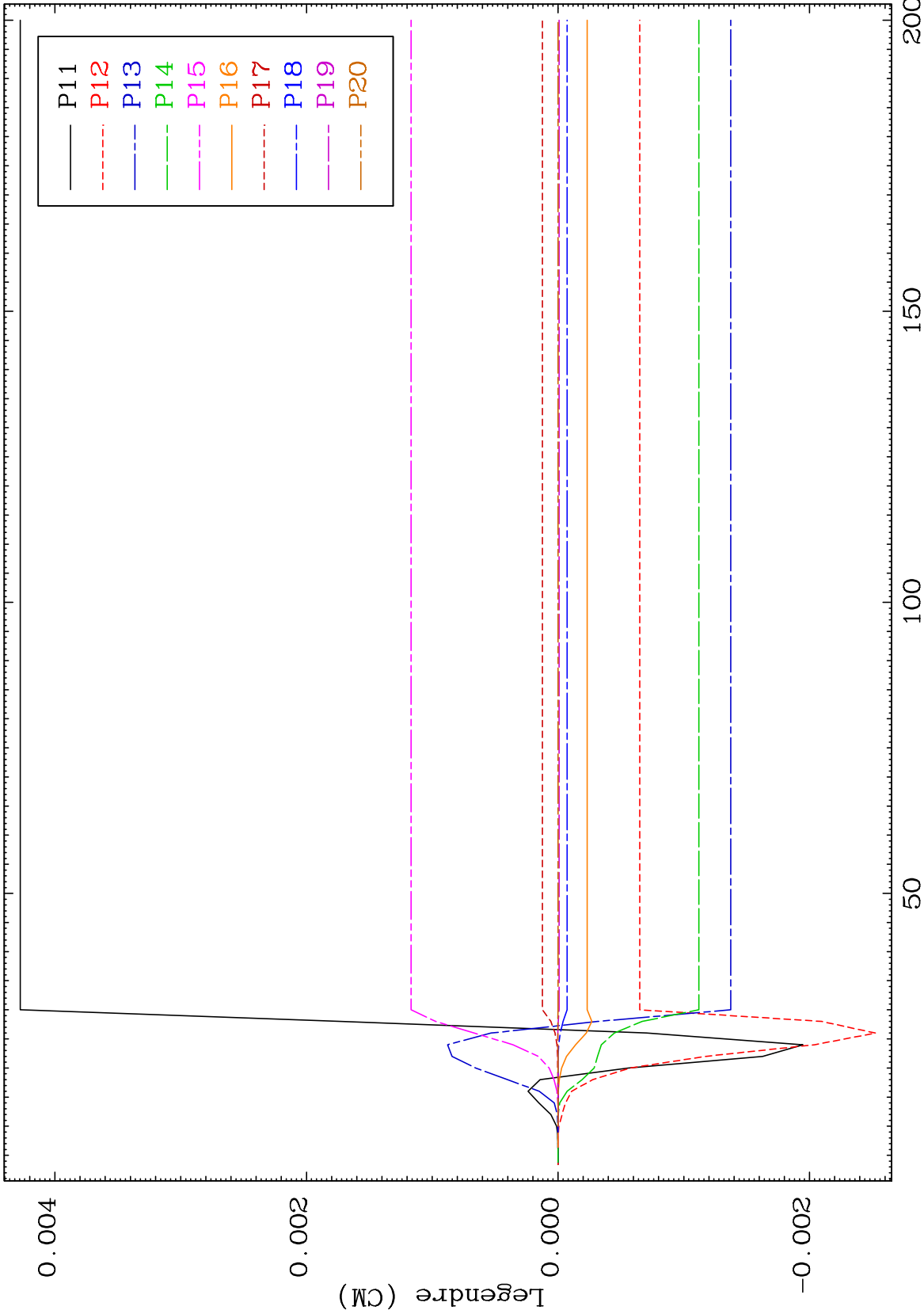
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



103

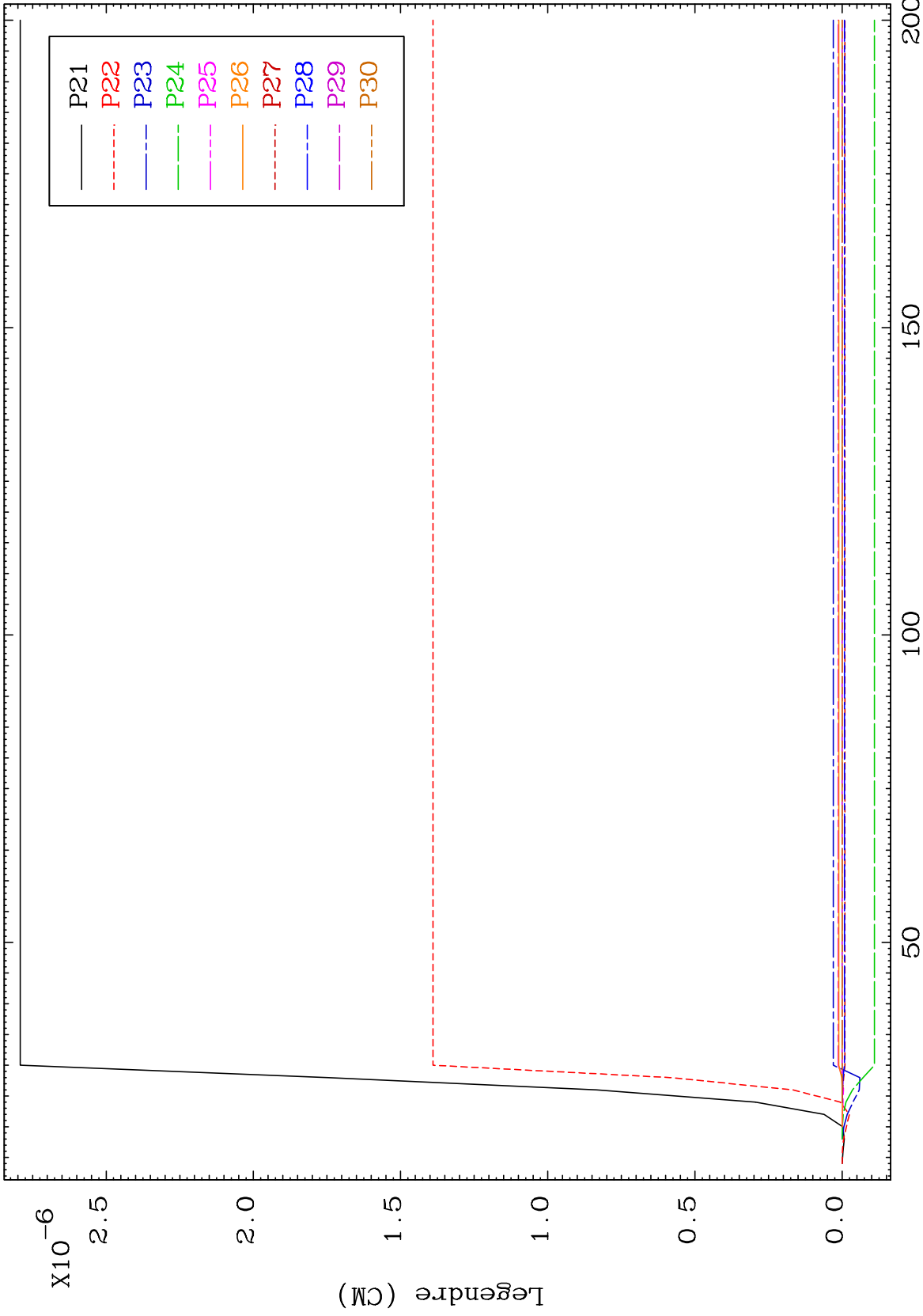
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



104

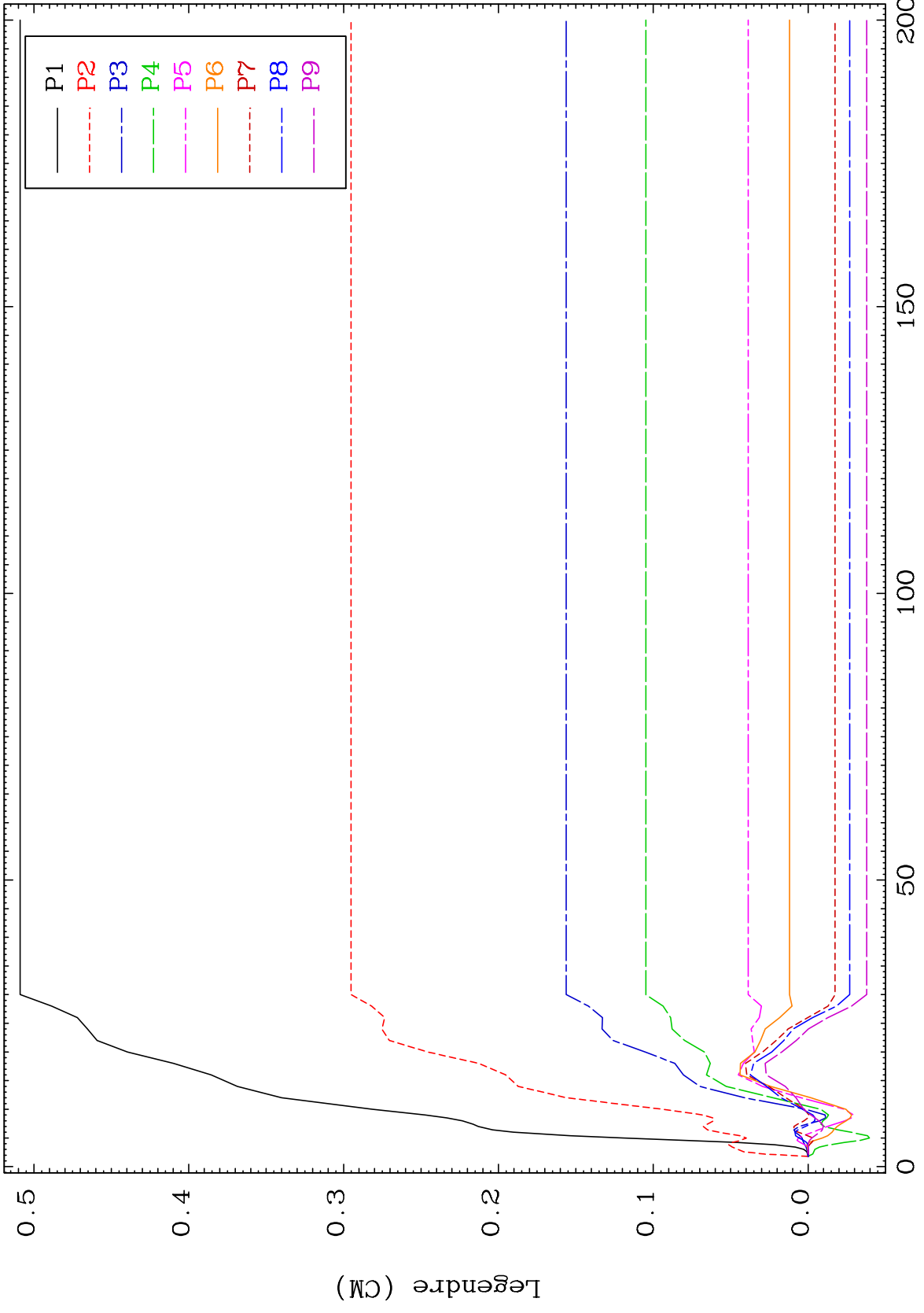
62-Sm-157

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

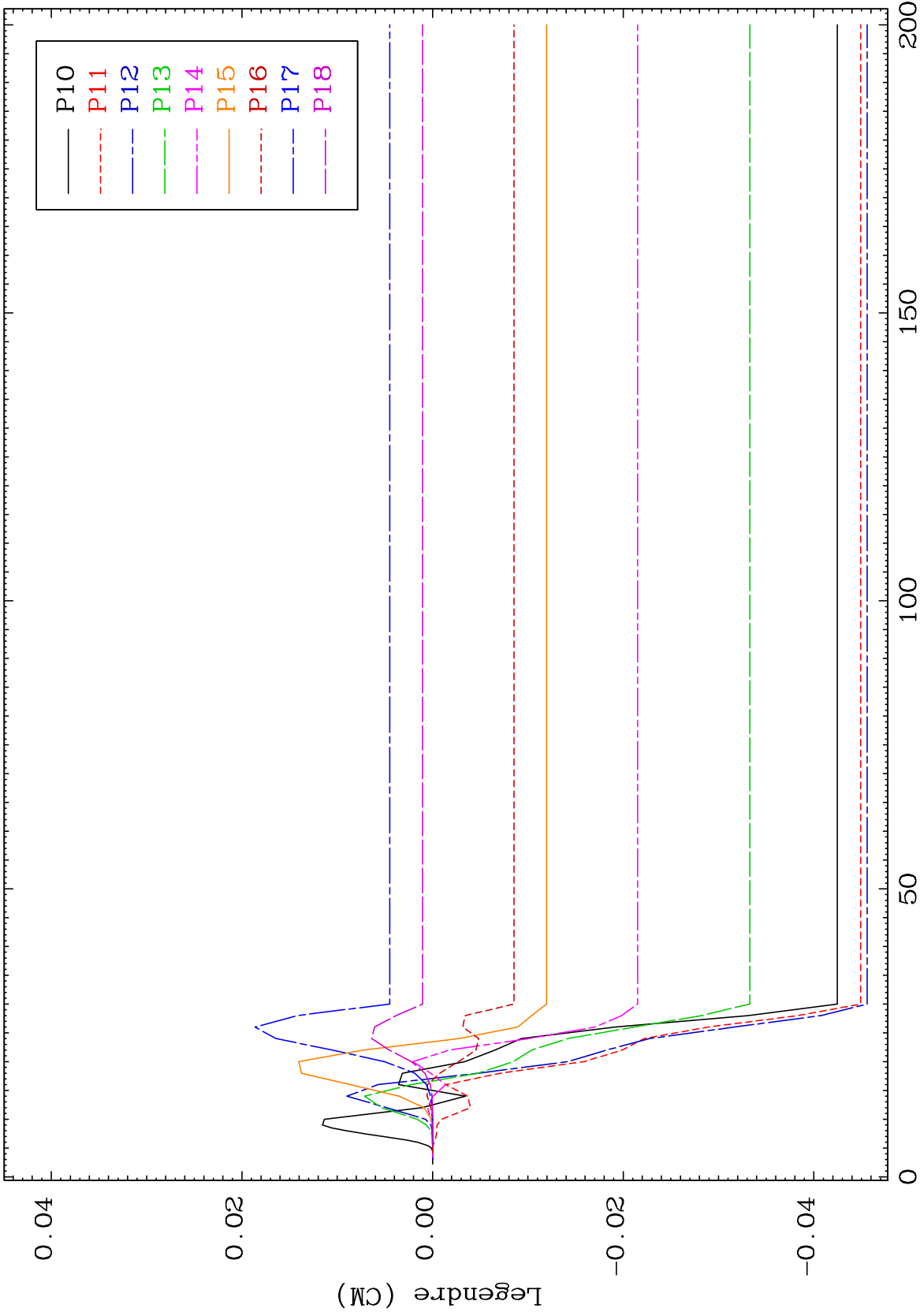
Incident Energy (MeV)

Legendre (CM)

MAT 6264

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

62-Sm-157



106

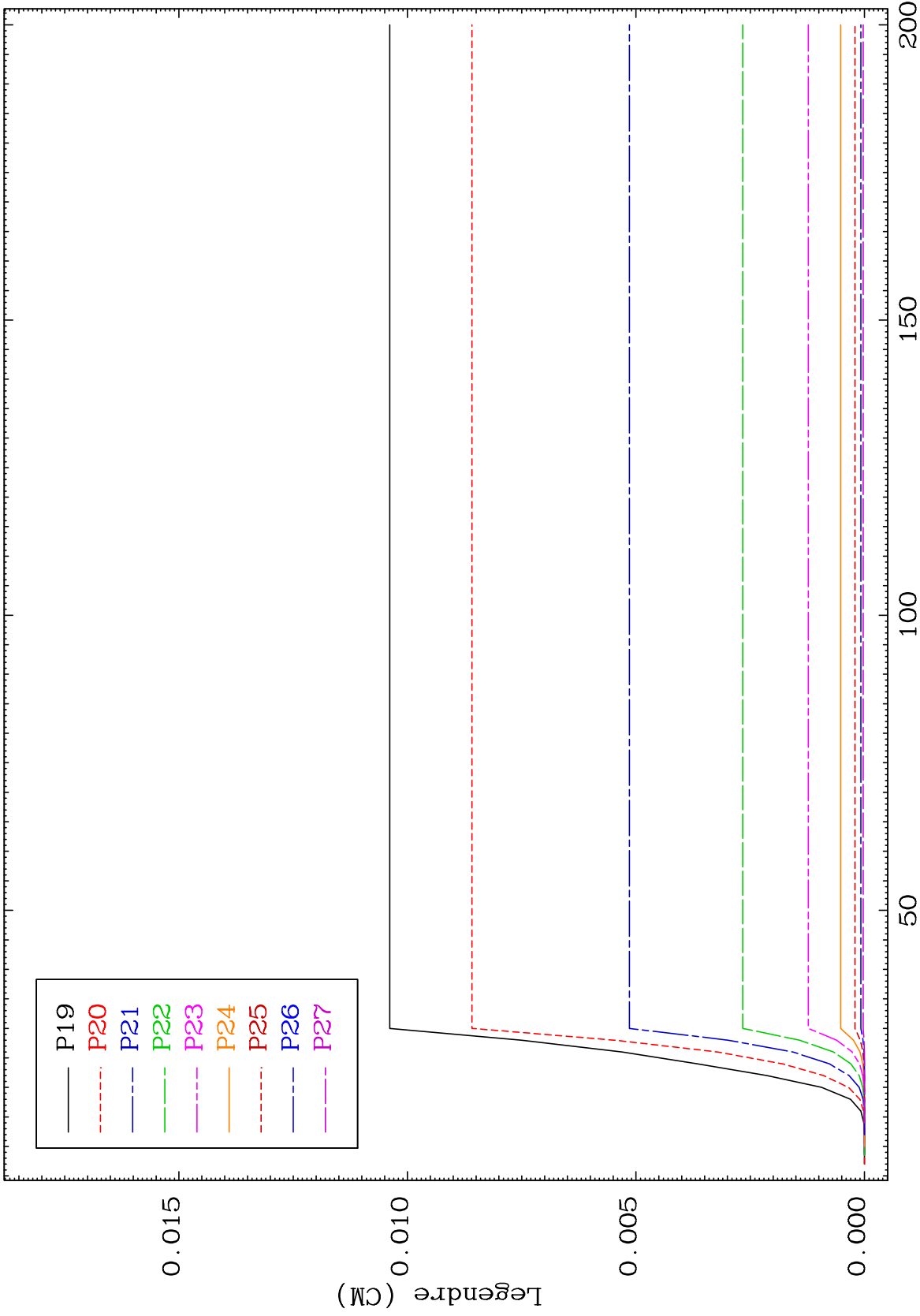
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



107

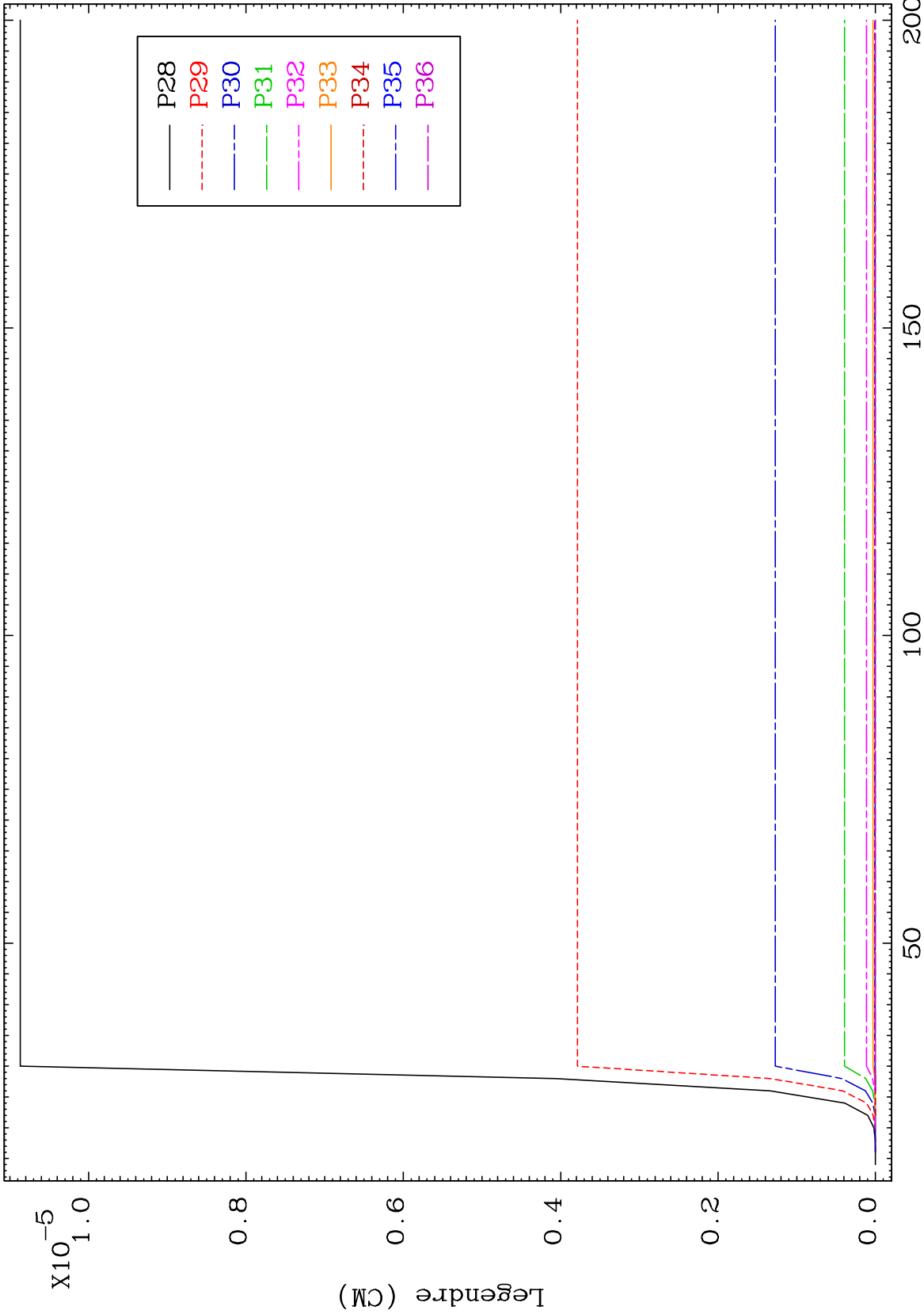
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



108

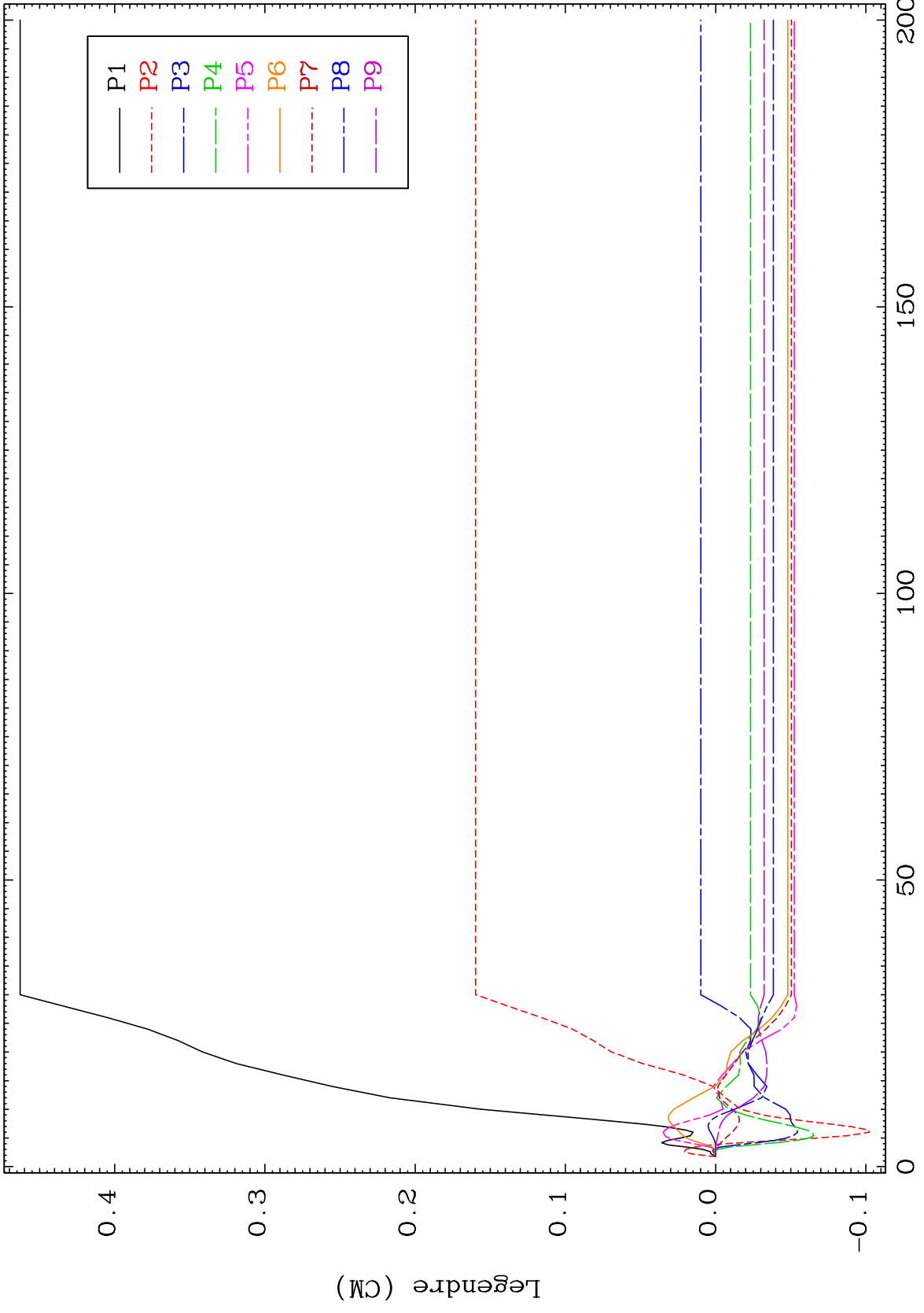
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

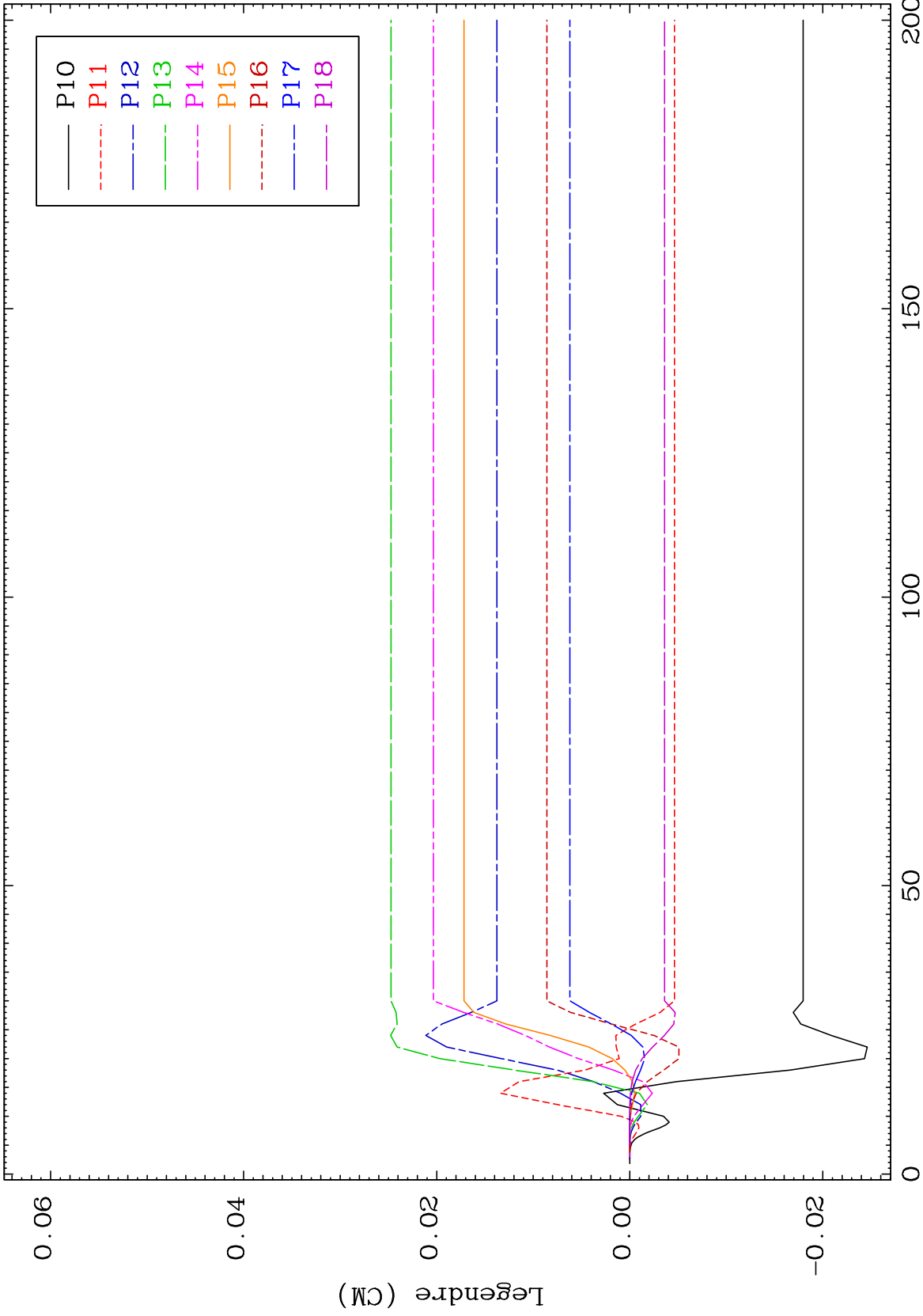
Incident Energy (MeV)

109

MAT 6264

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

62-Sm-157



110

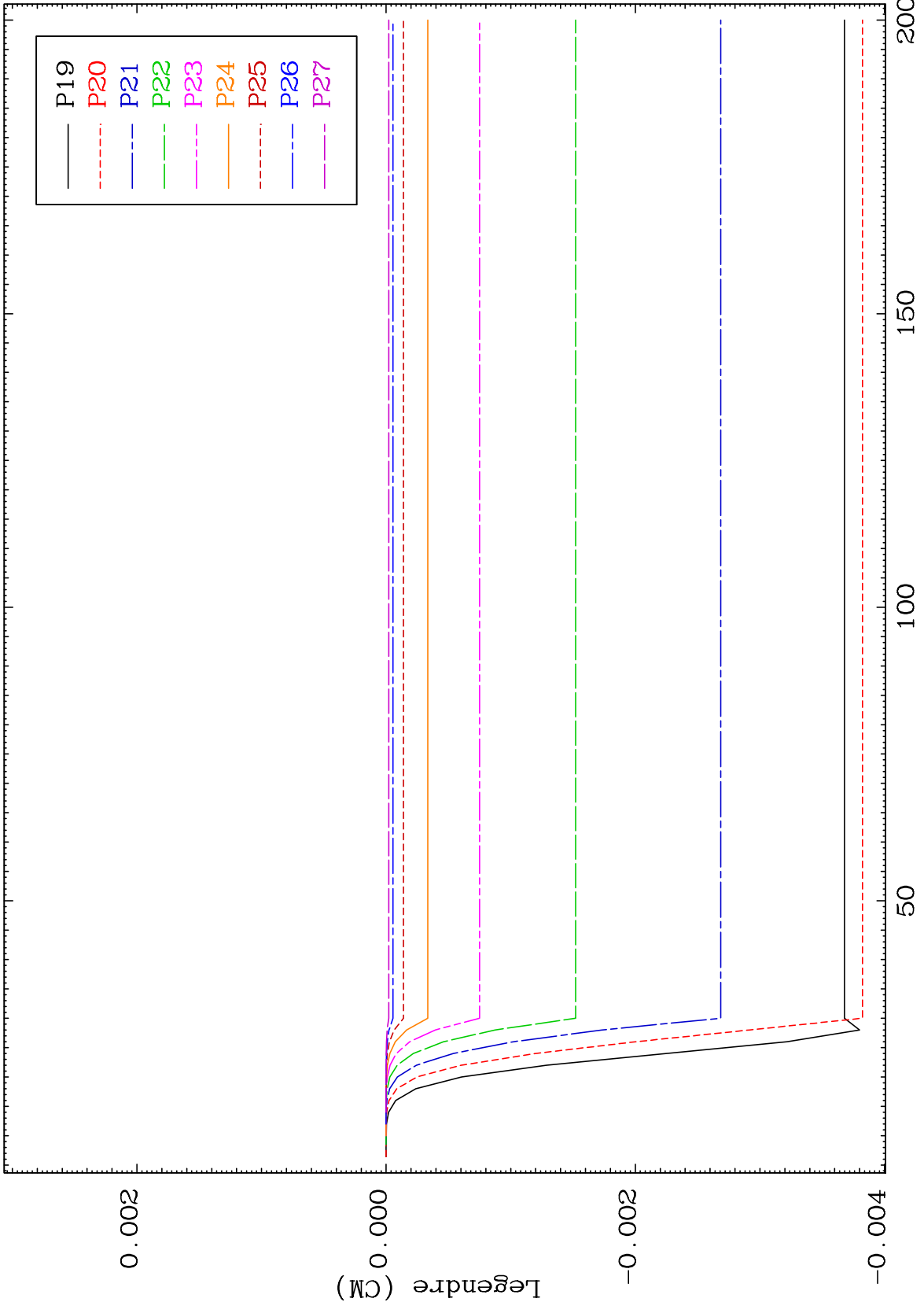
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



111

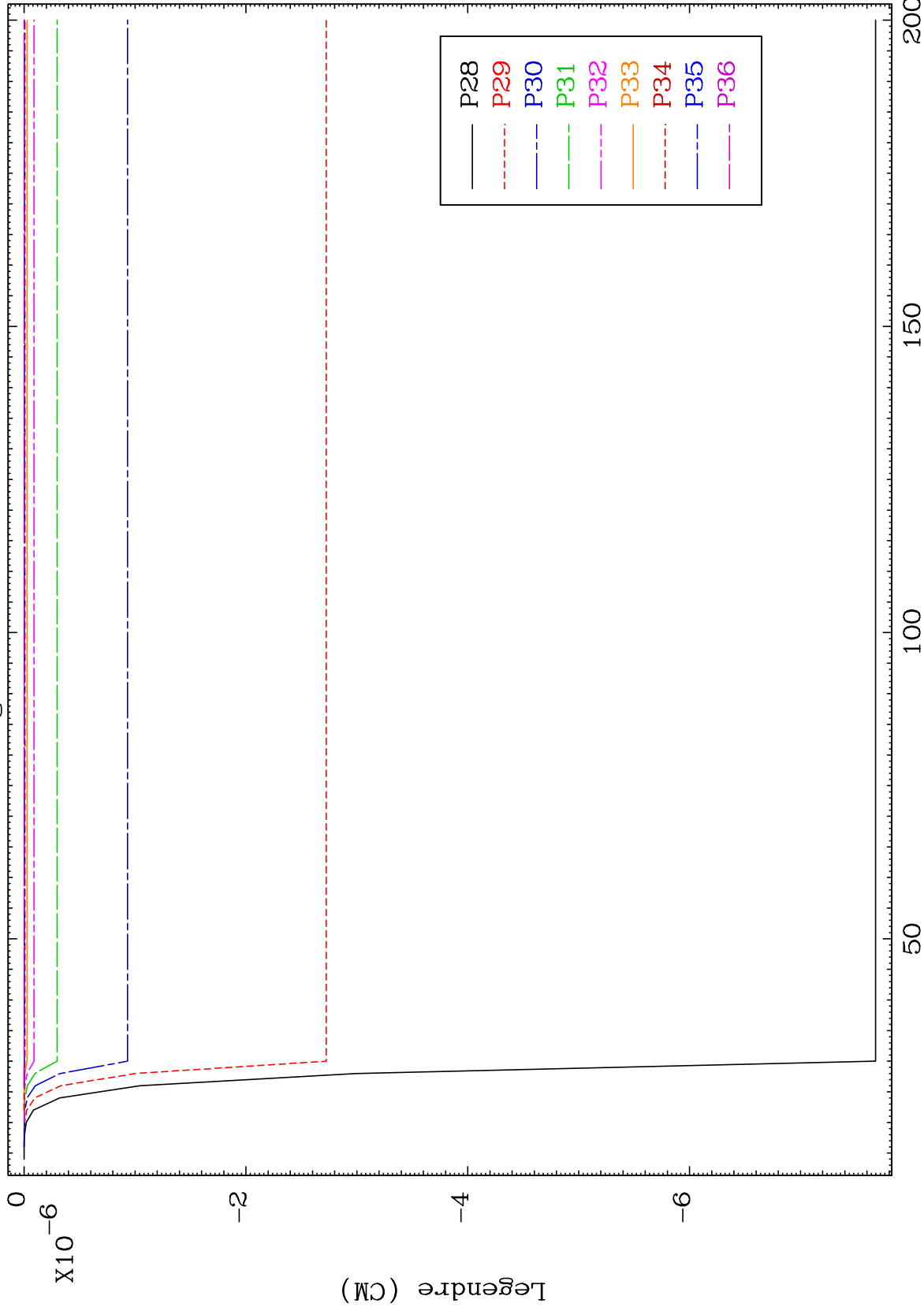
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

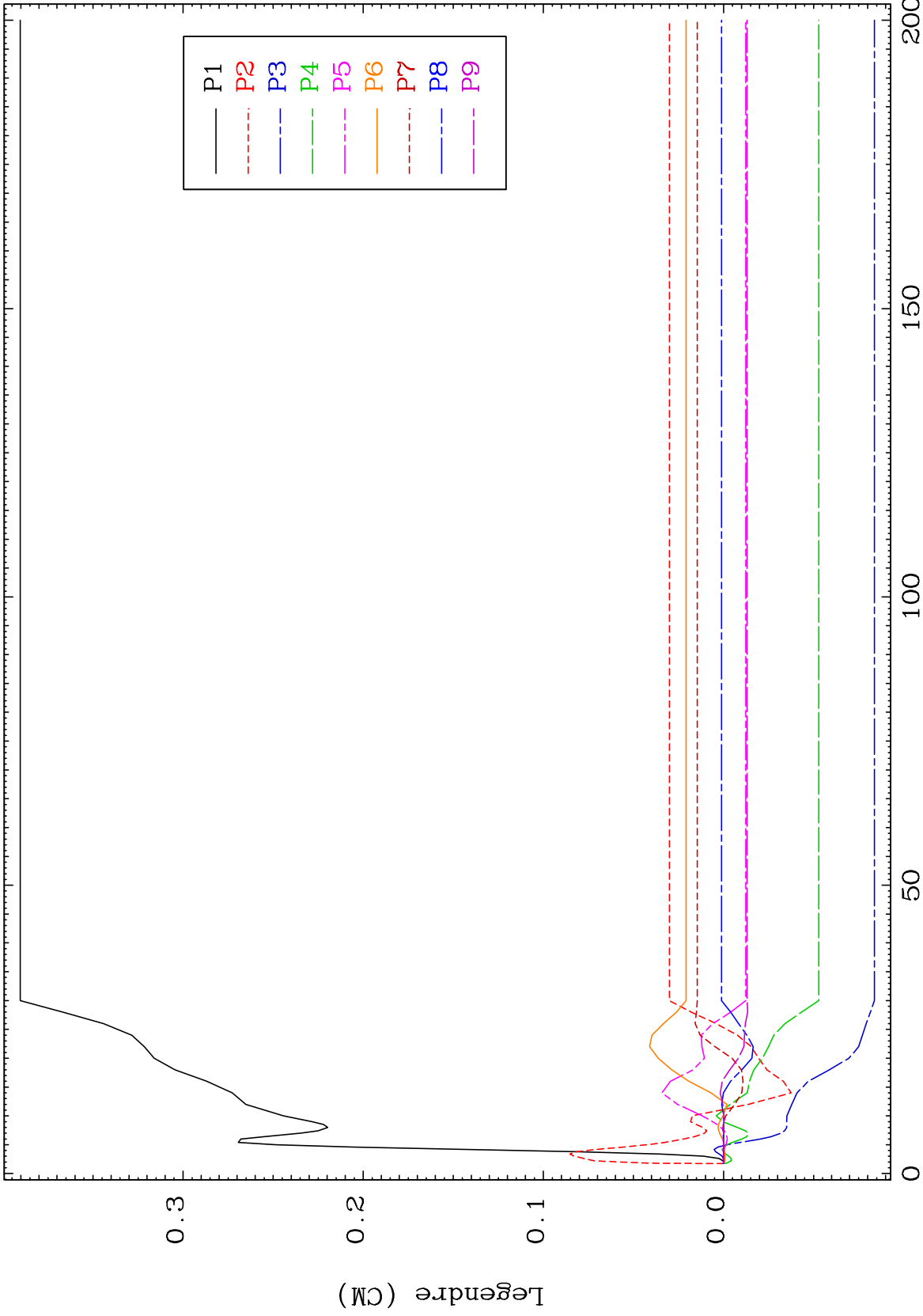
Incident Energy (MeV)

112

MAT 6264

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

62-Sm-157



113

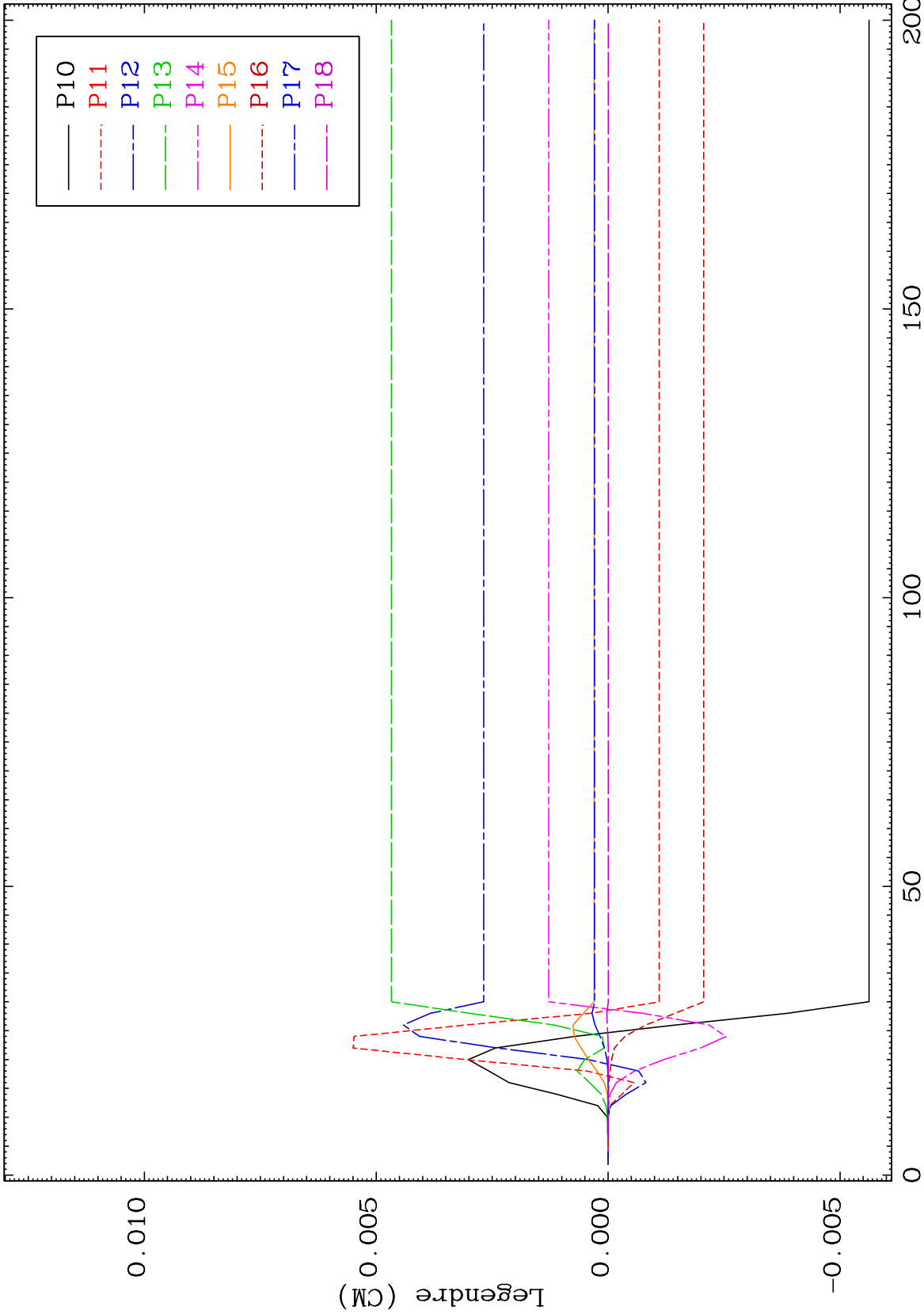
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



114

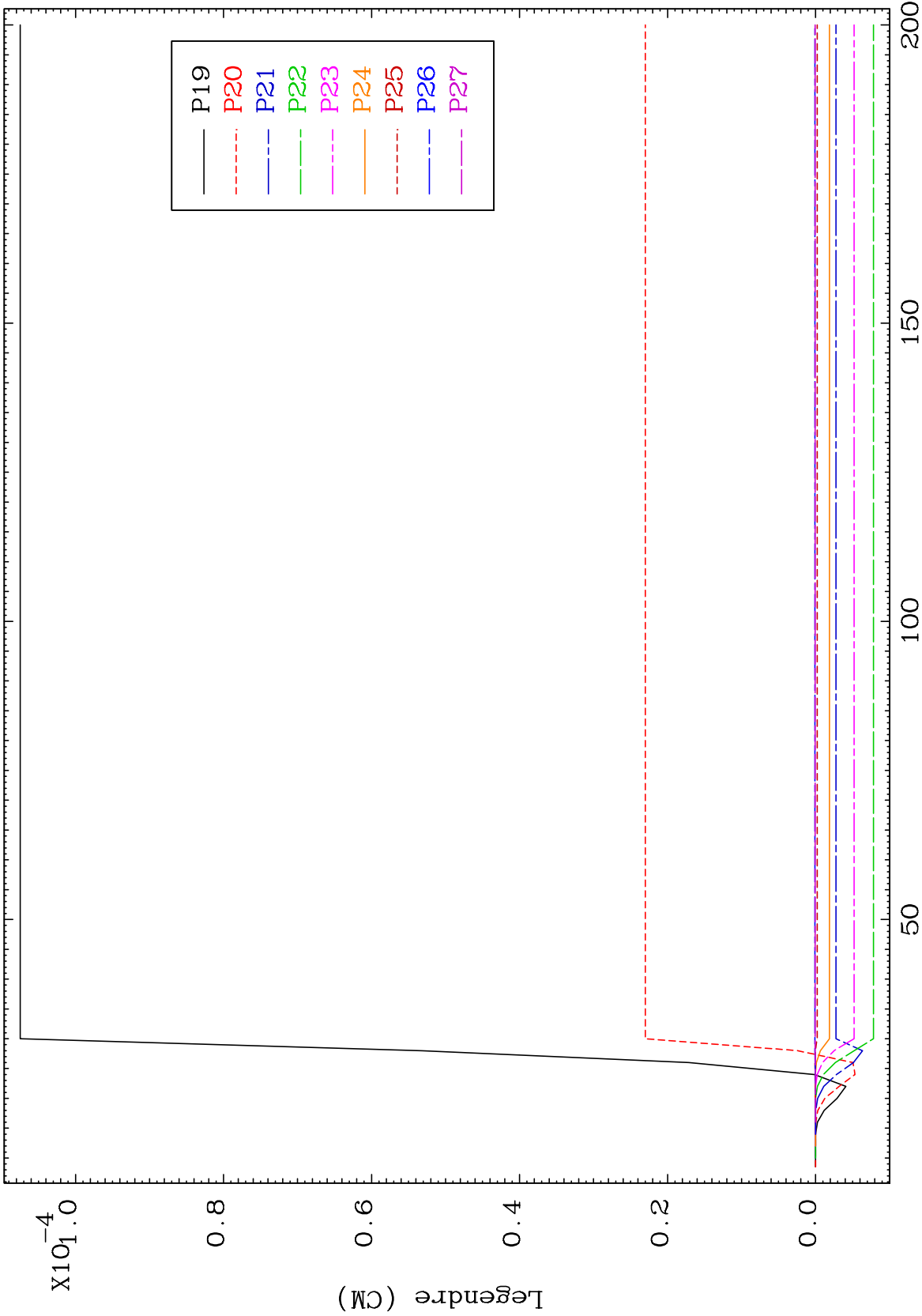
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



115

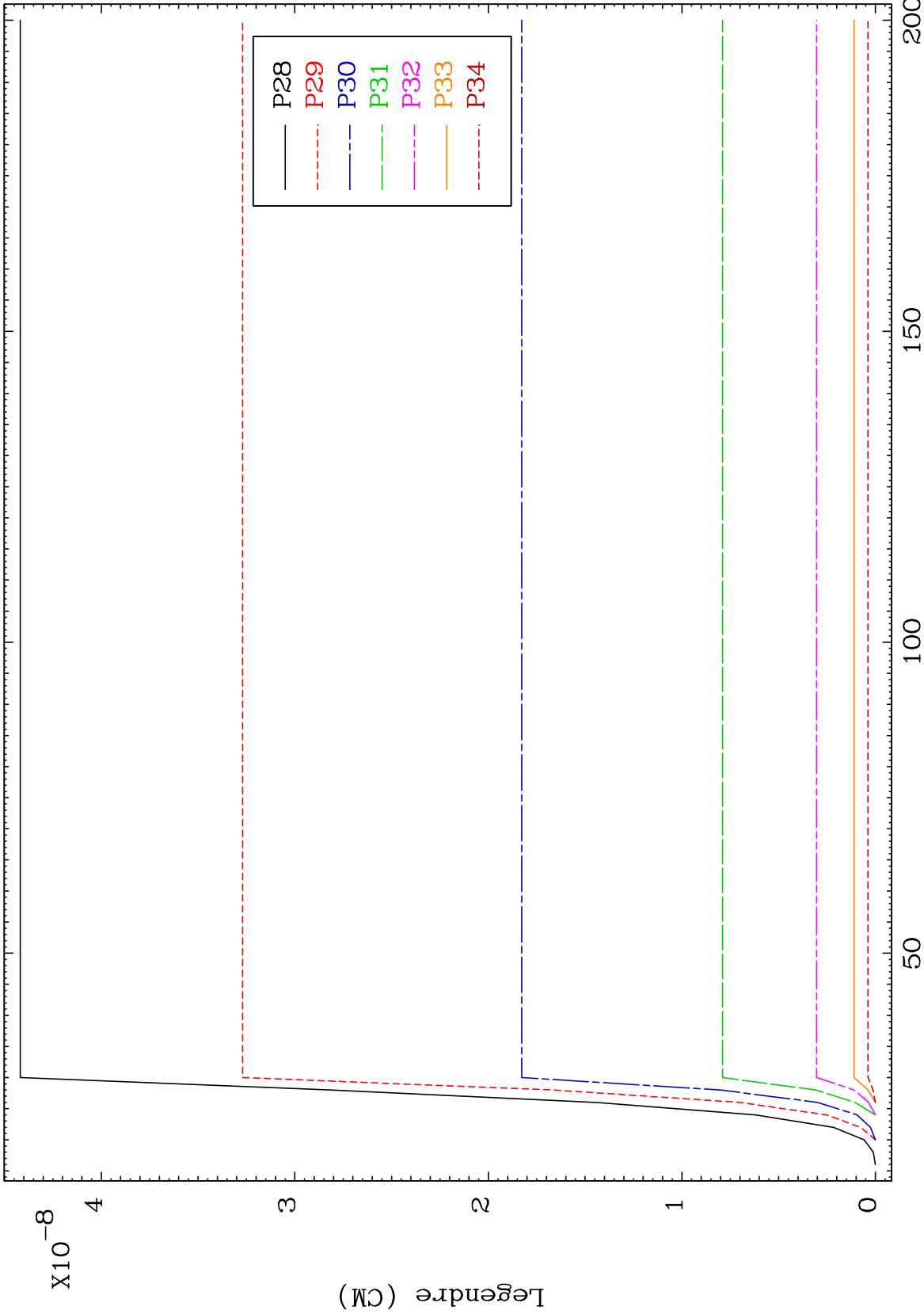
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



116

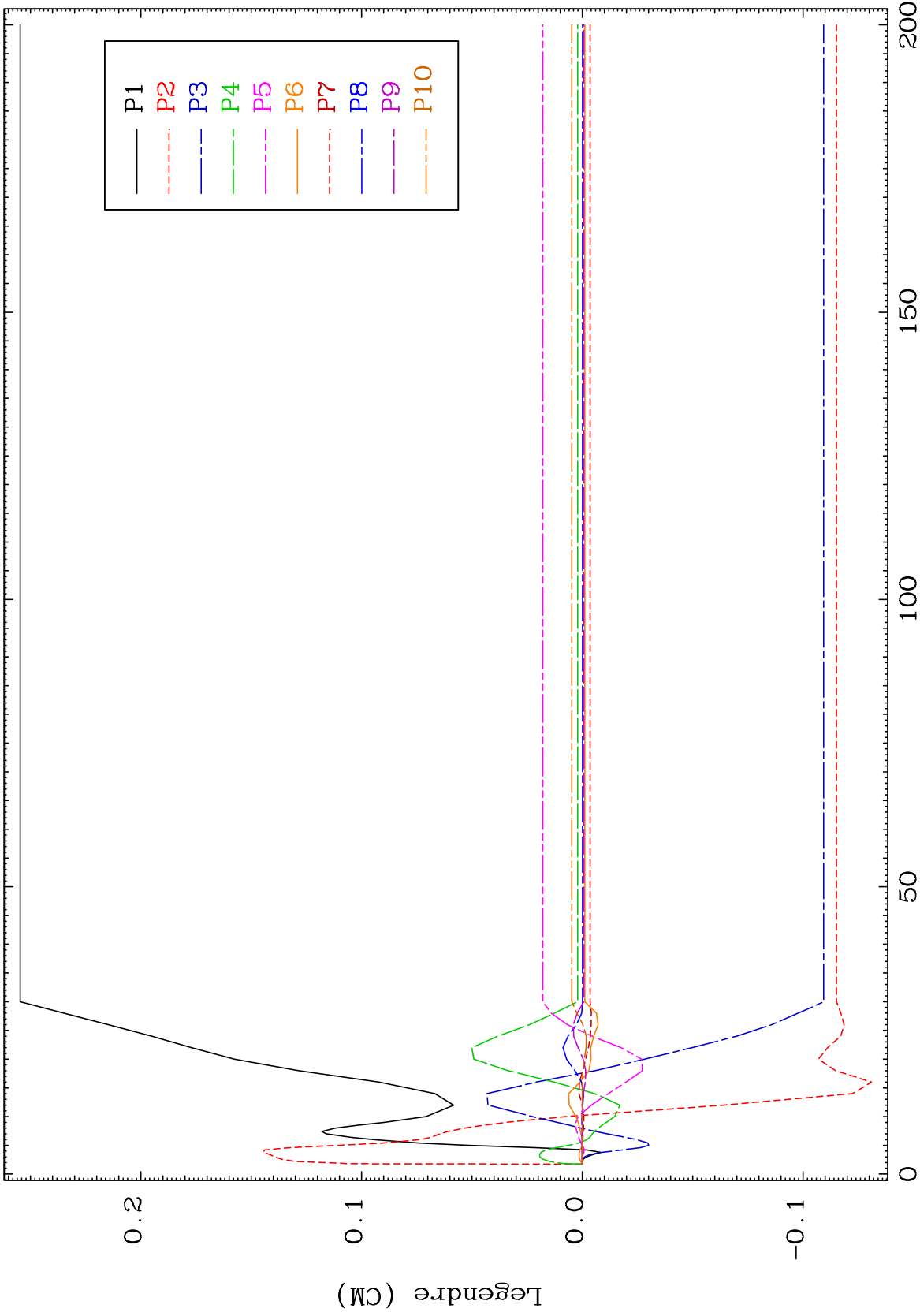
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



117

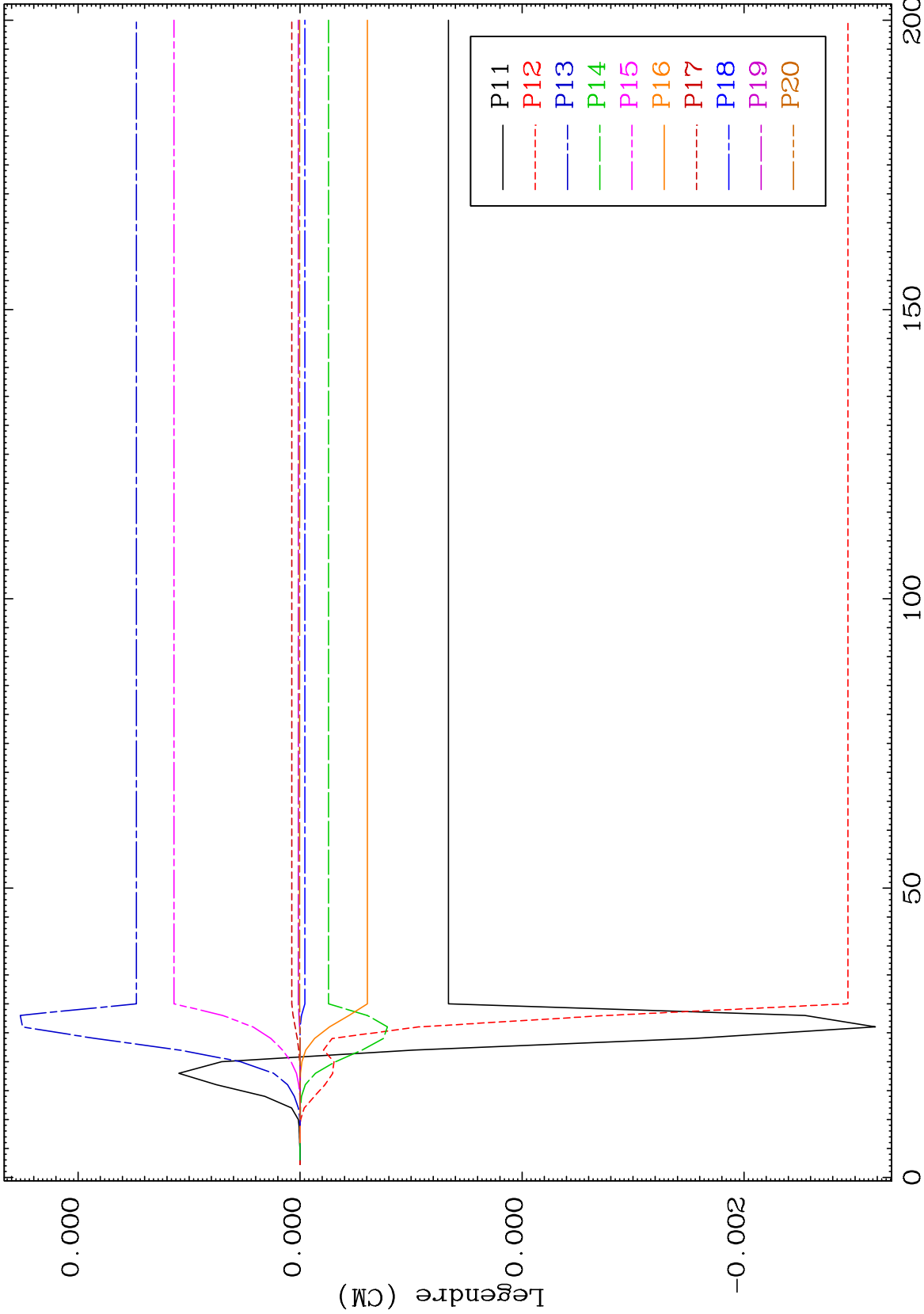
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



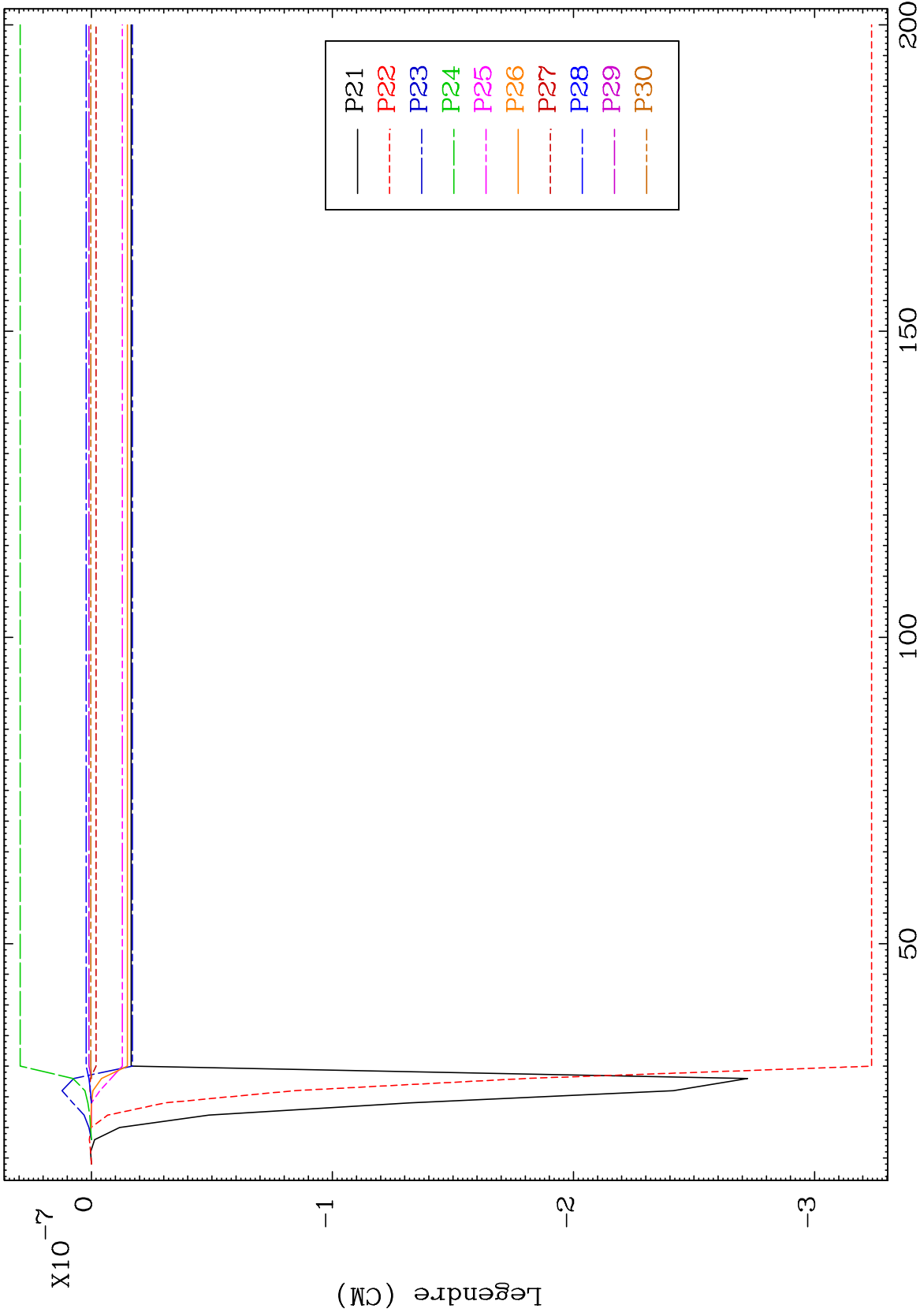
118

62-Sm-157

MAT 6264

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

62-Sm-157



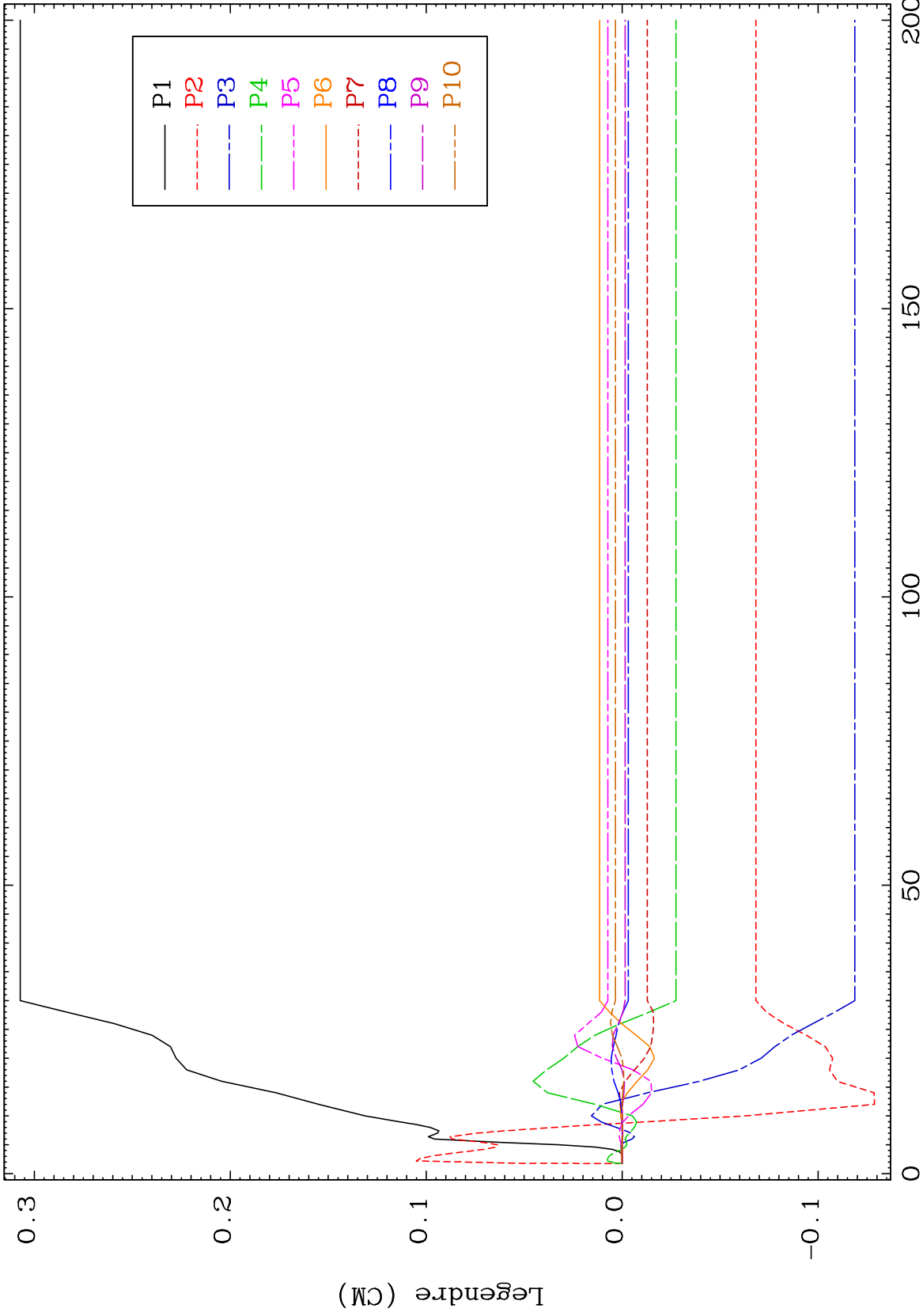
119

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

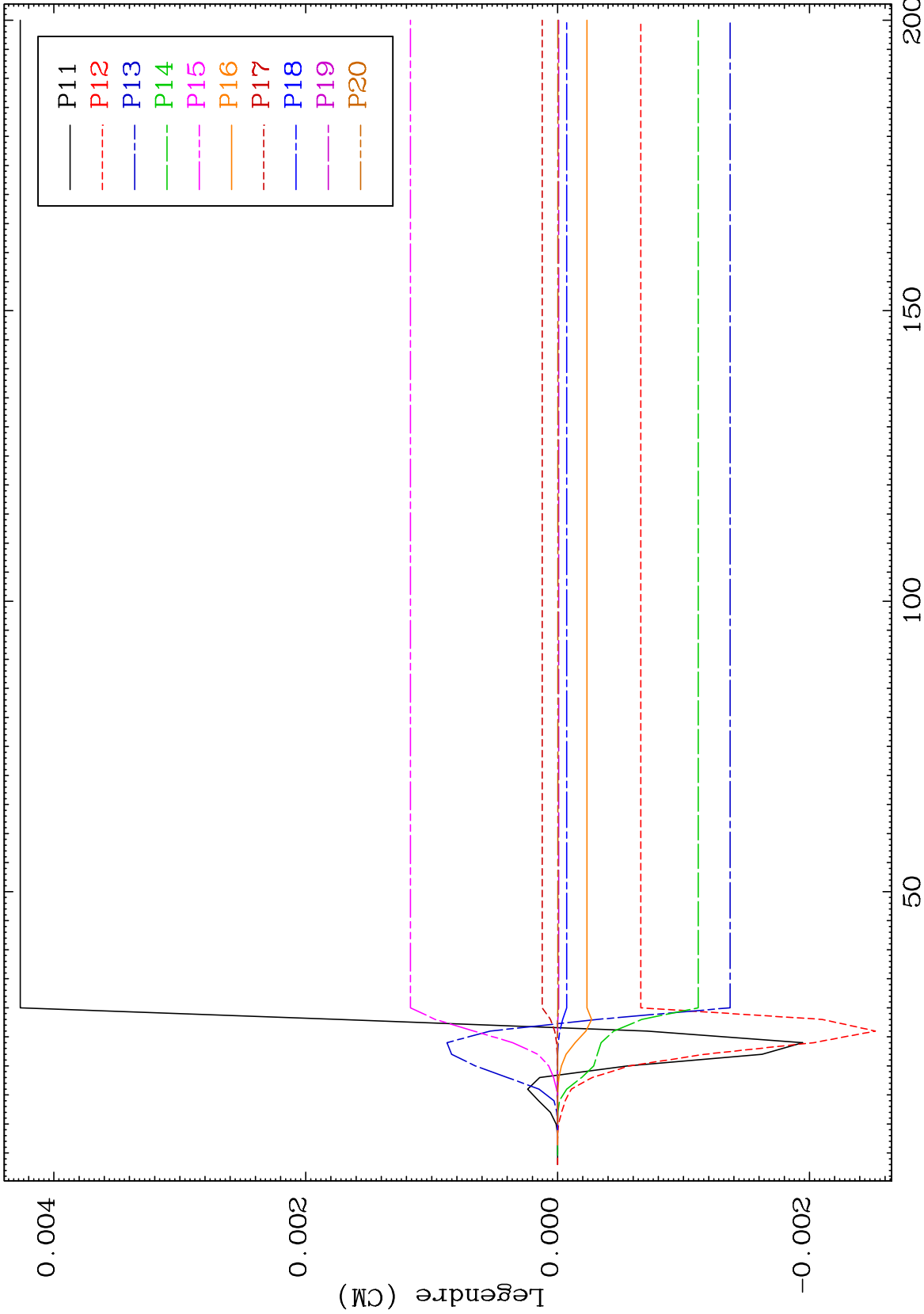
Incident Energy (MeV)

120

MAT 6264

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

62-Sm-157



121

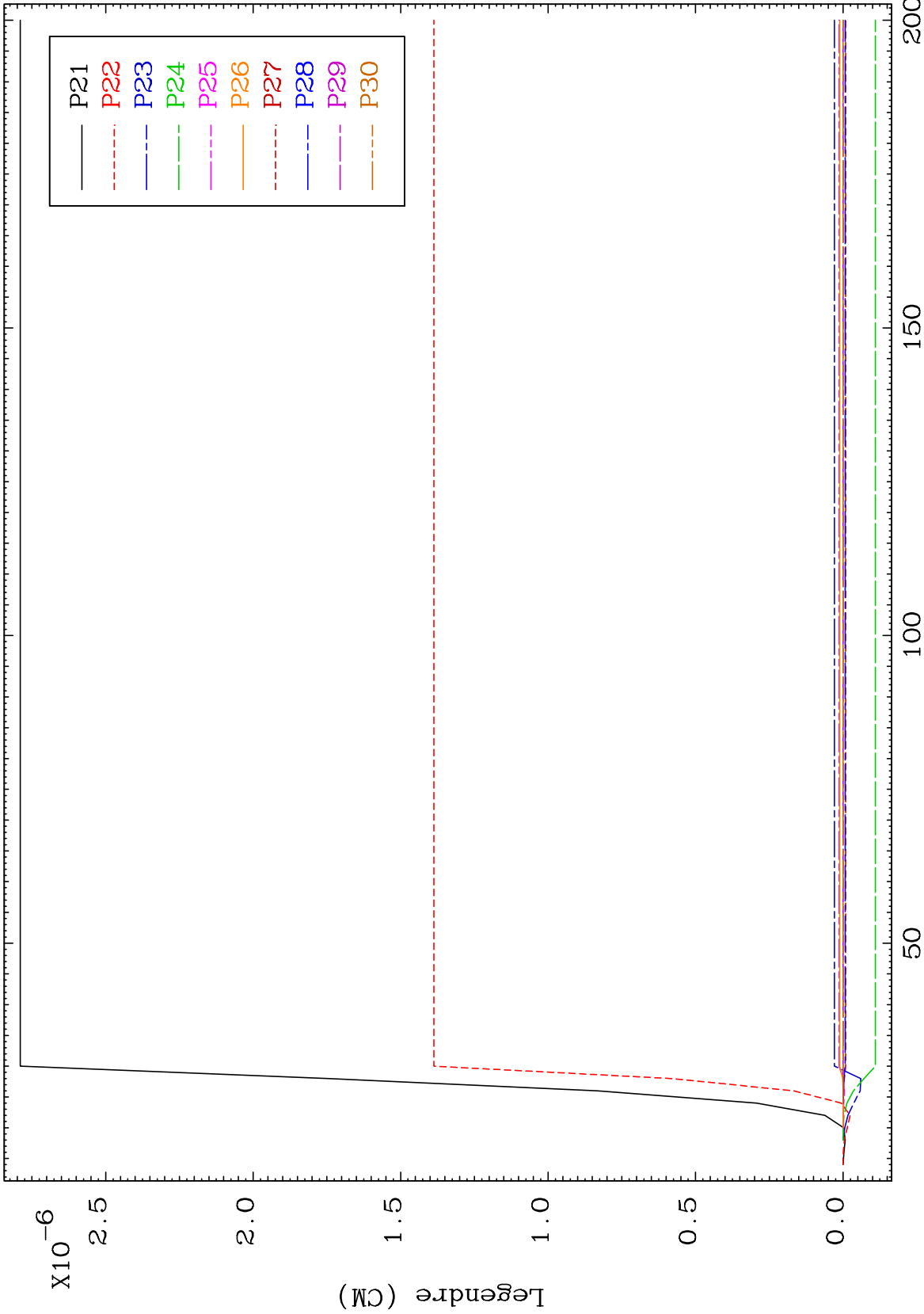
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



122

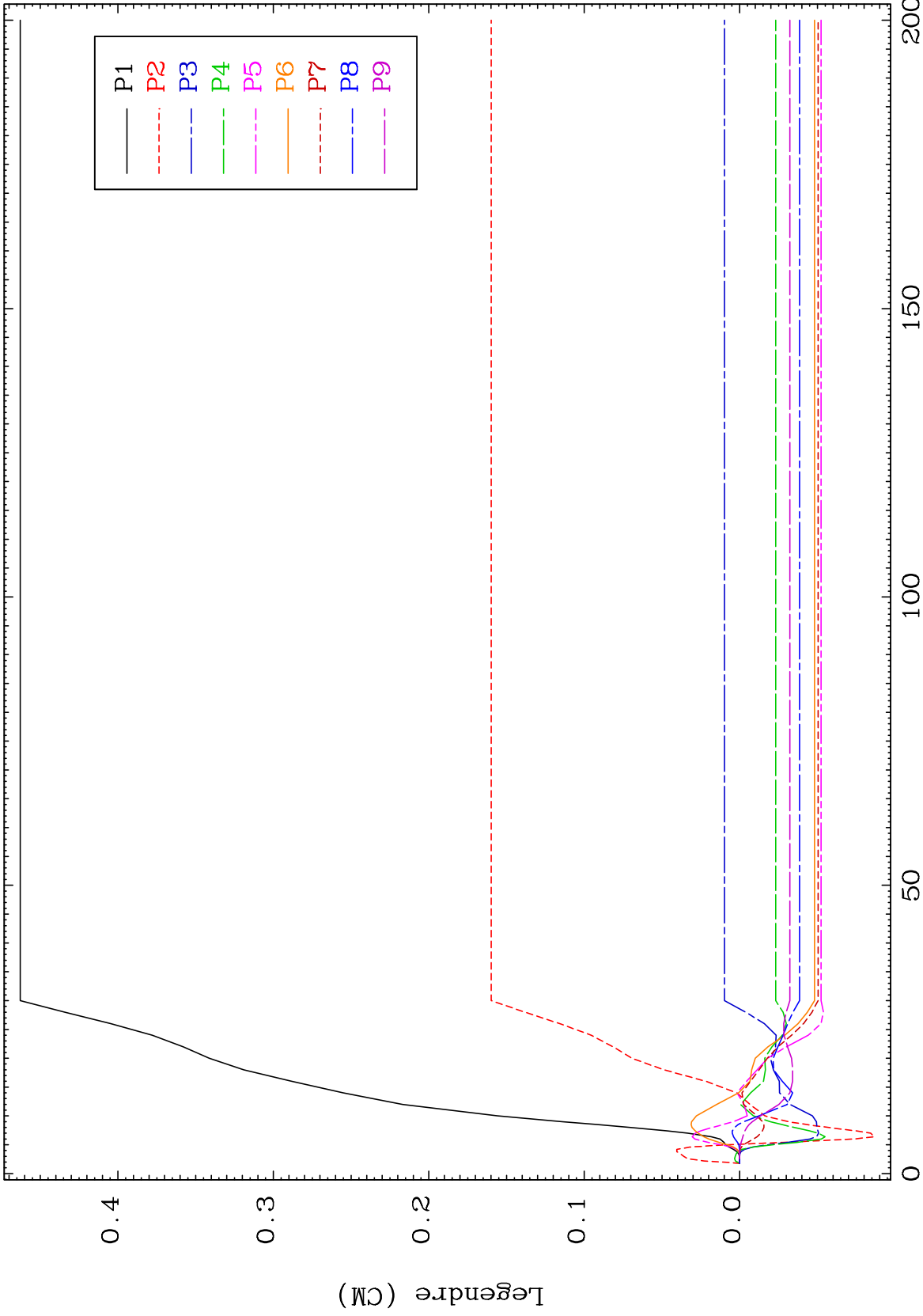
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



123

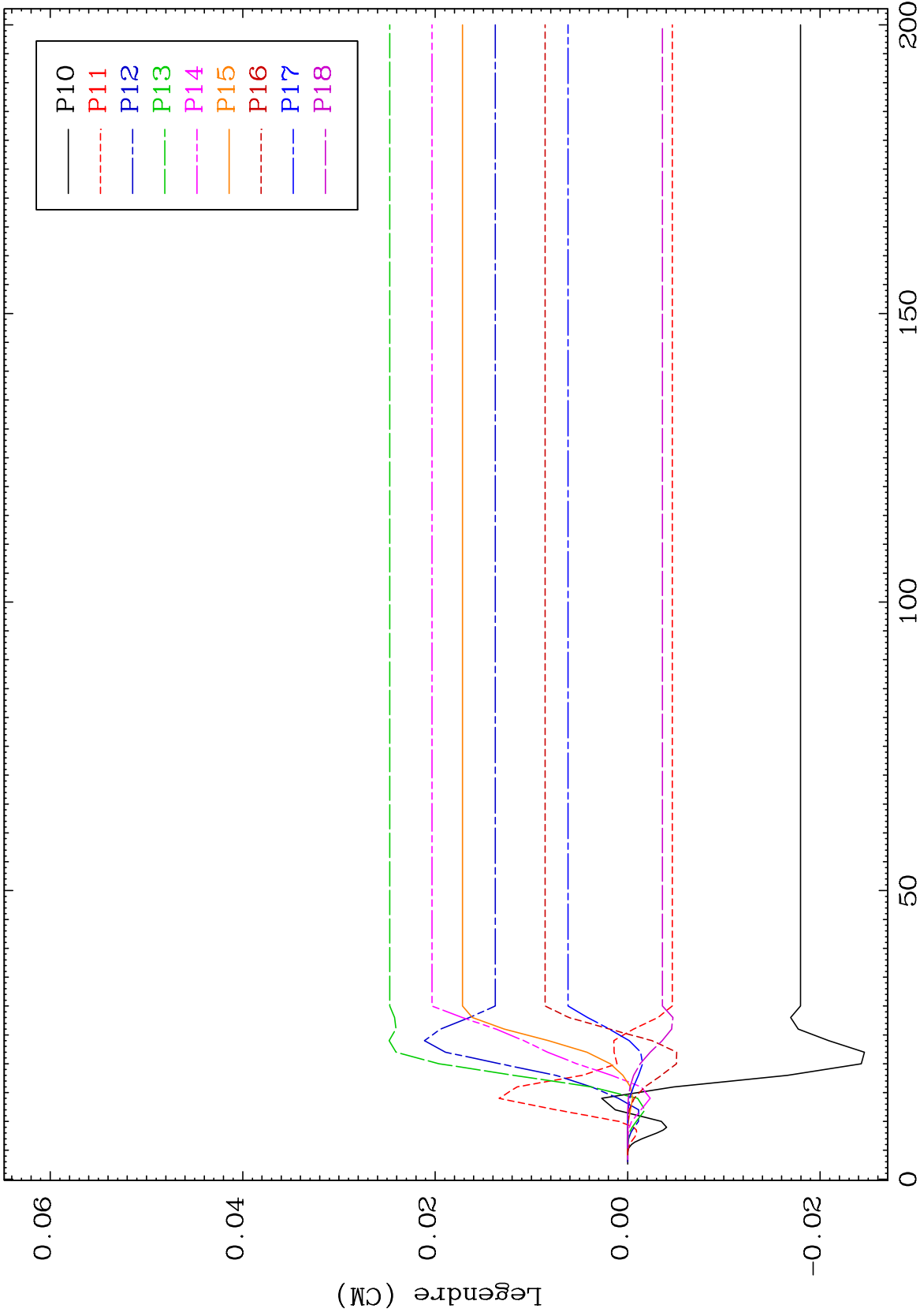
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



124

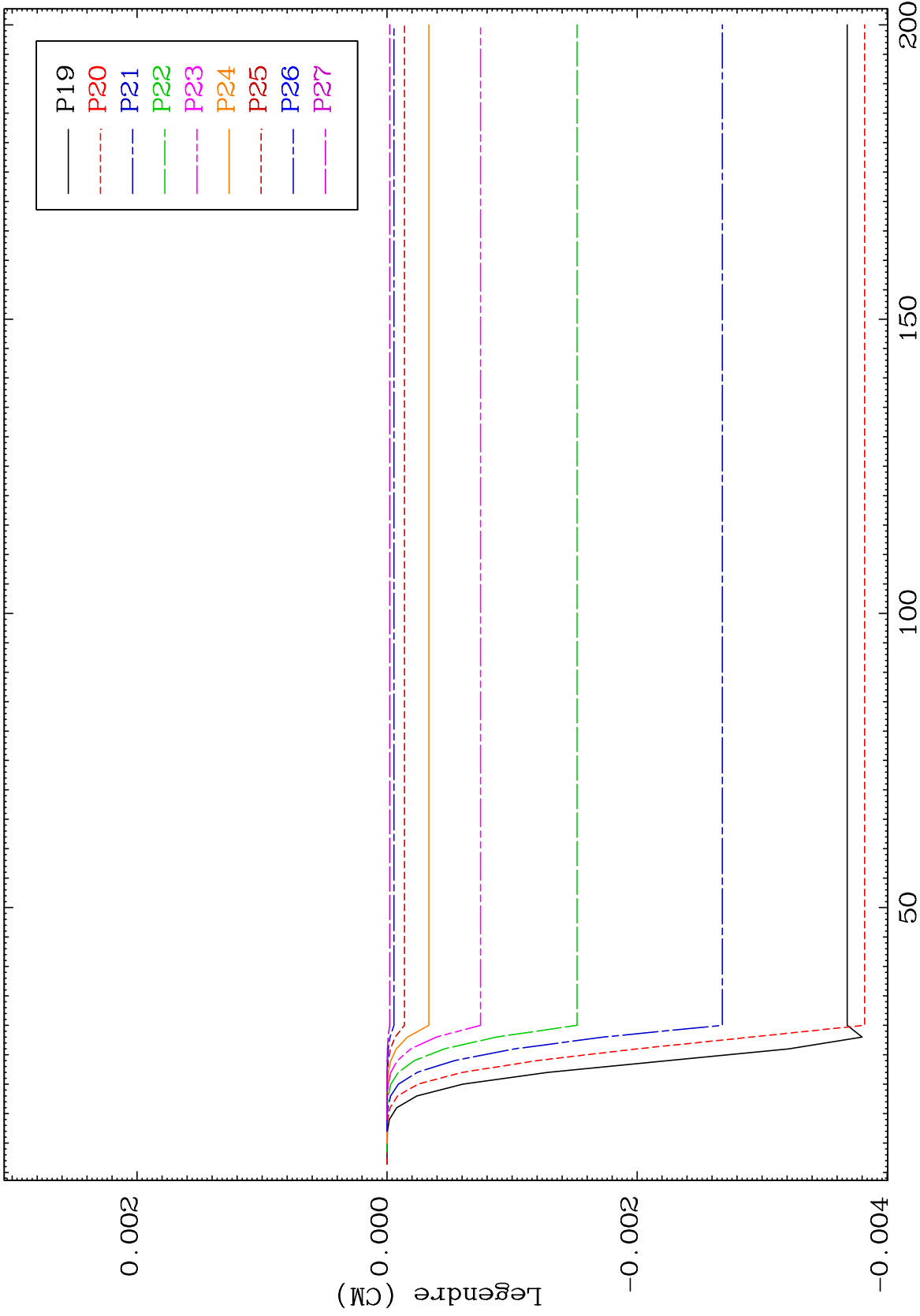
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



125

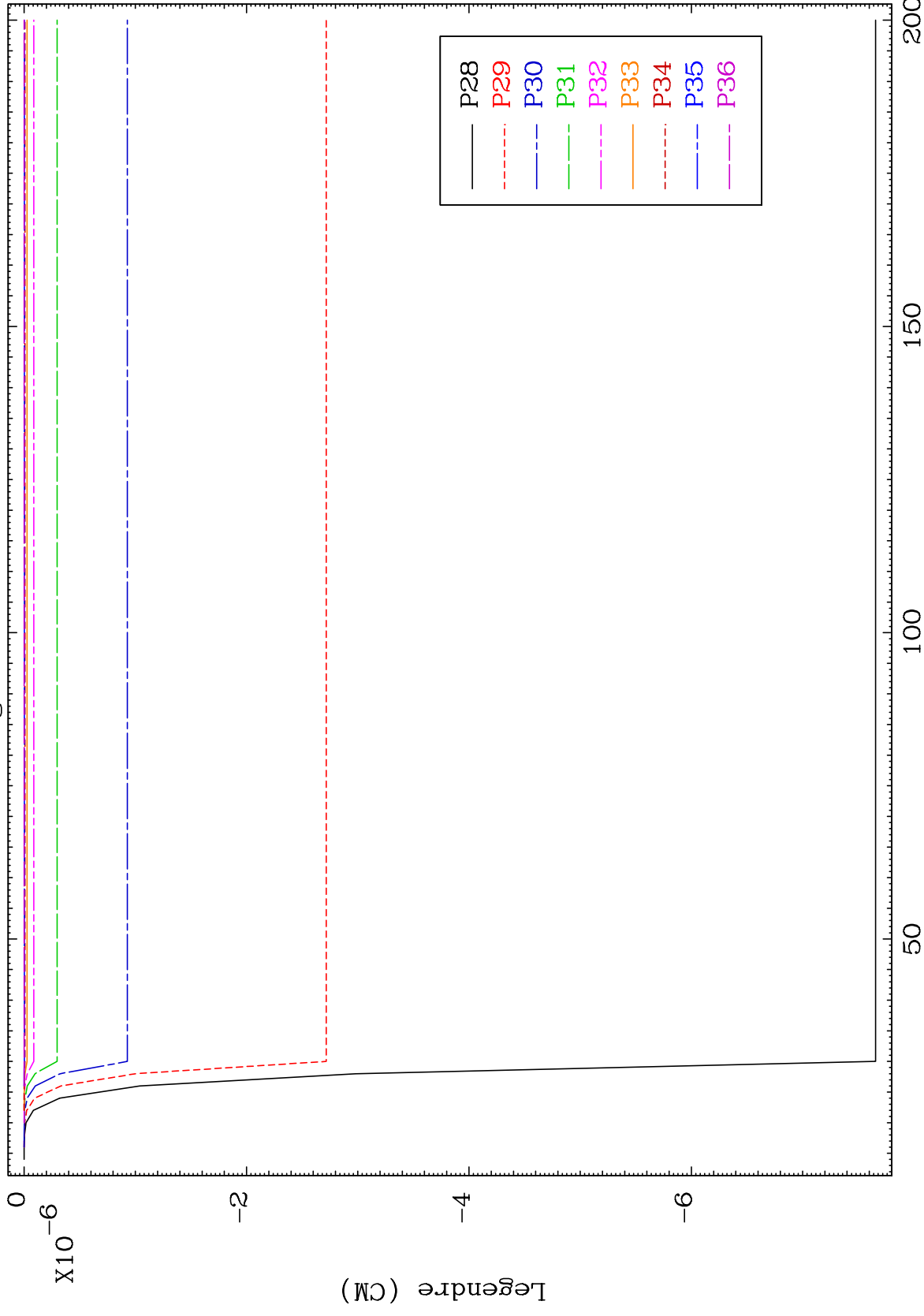
Incident Energy (MeV)

62-Sm-157

MAT 6264

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

62-Sm-157



62-Sm-157

Incident Energy (MeV)

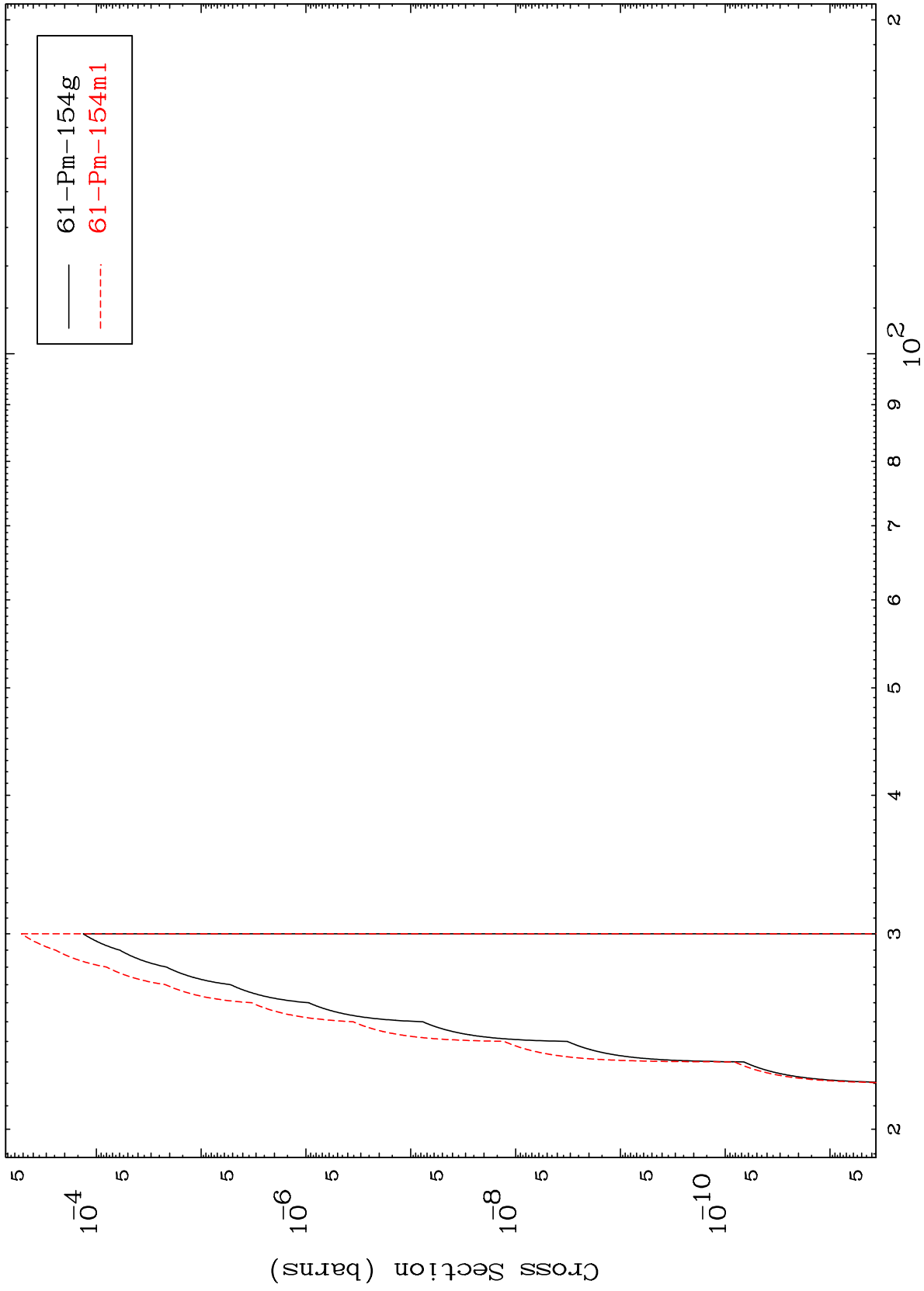
126

MAT 6264

(n,2n) d

62-Sm-157

Radionuclide Production Cross Section



127

Incident Energy (MeV)

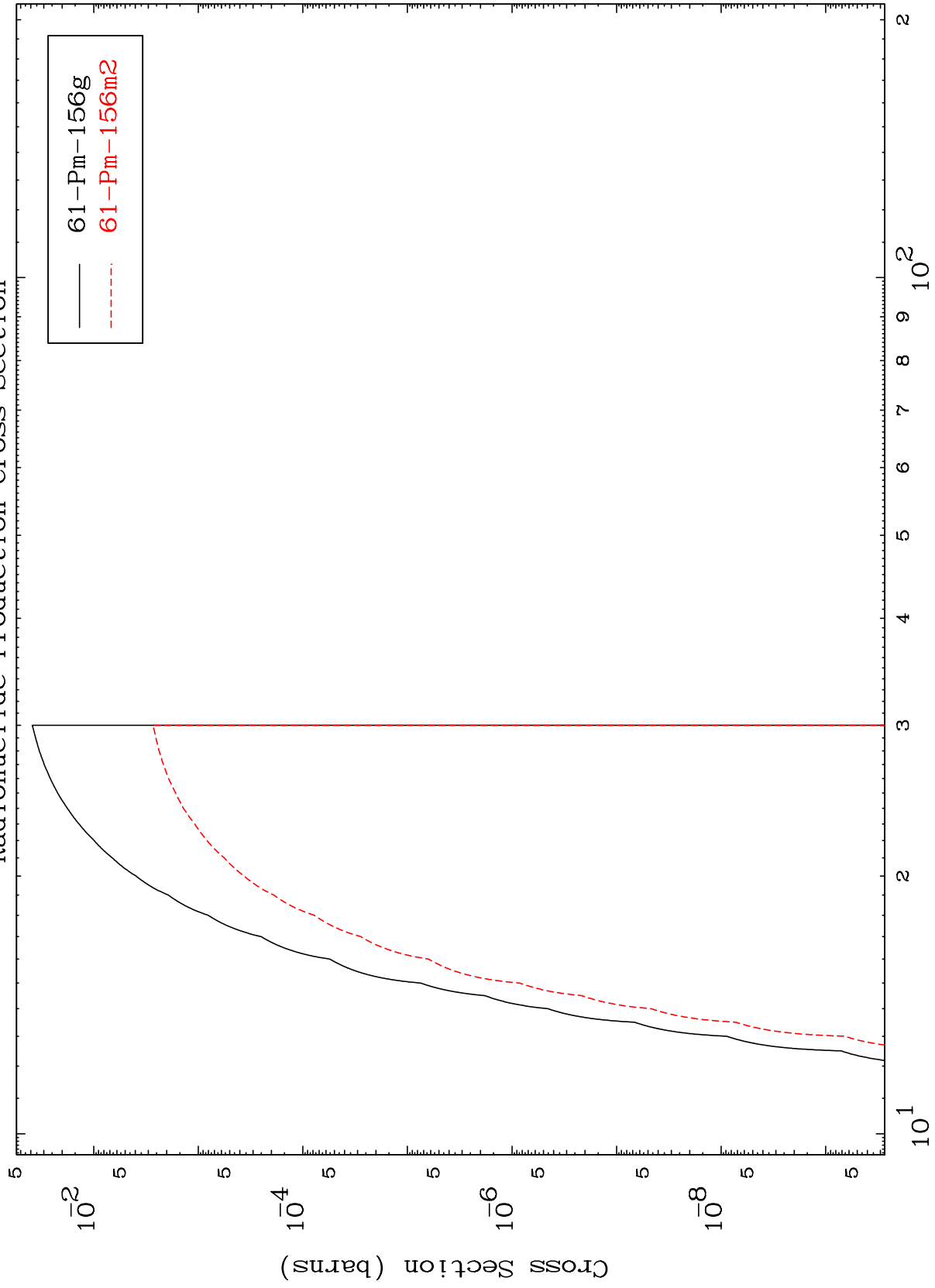
62-Sm-157

MAT 6264

(n,n') p

62-Sm-157

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

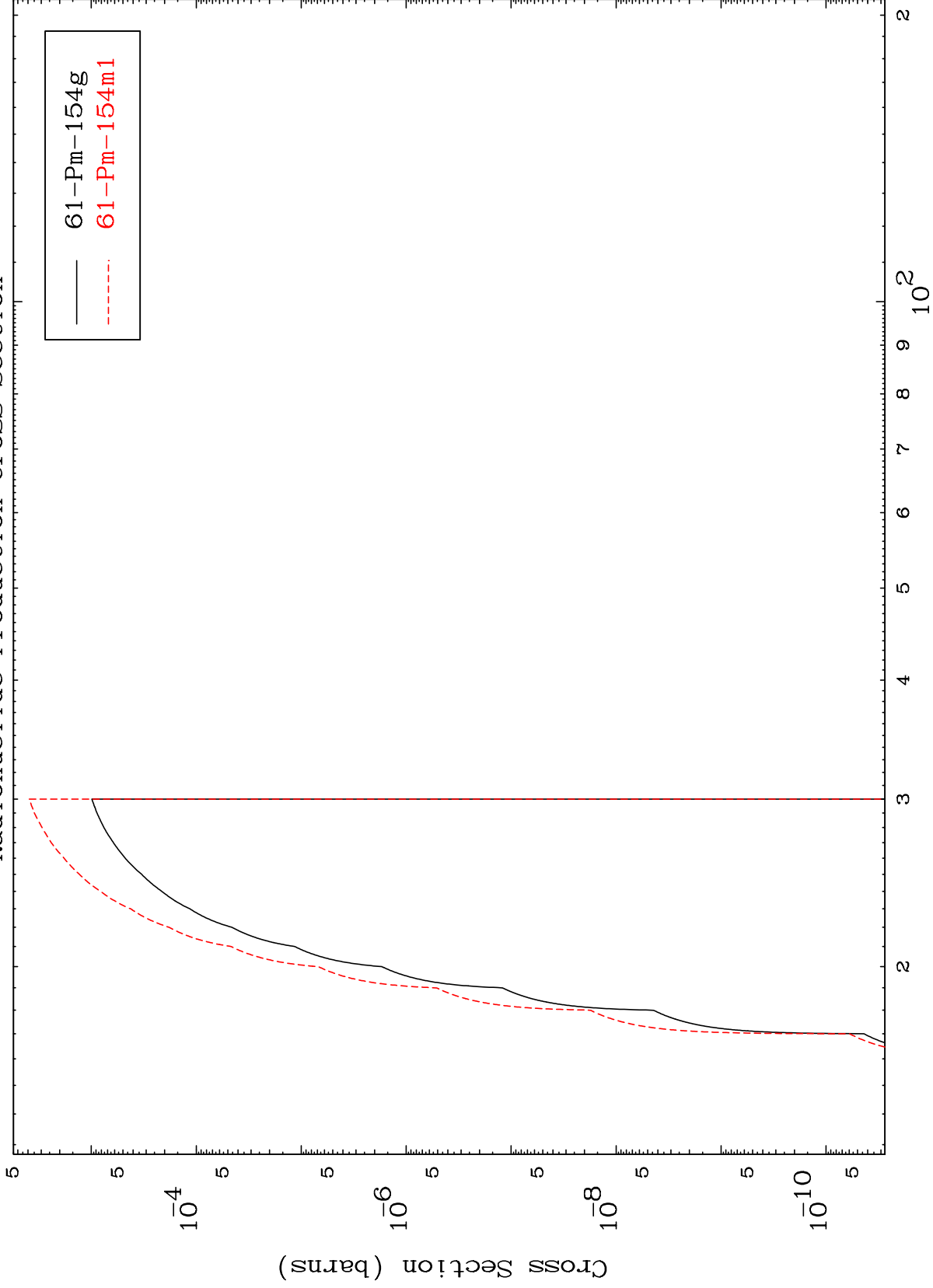
62-Sm-157

MAT 6264

(n,n') t

62-Sm-157

Radionuclide Production Cross Section



129

Incident Energy (MeV)

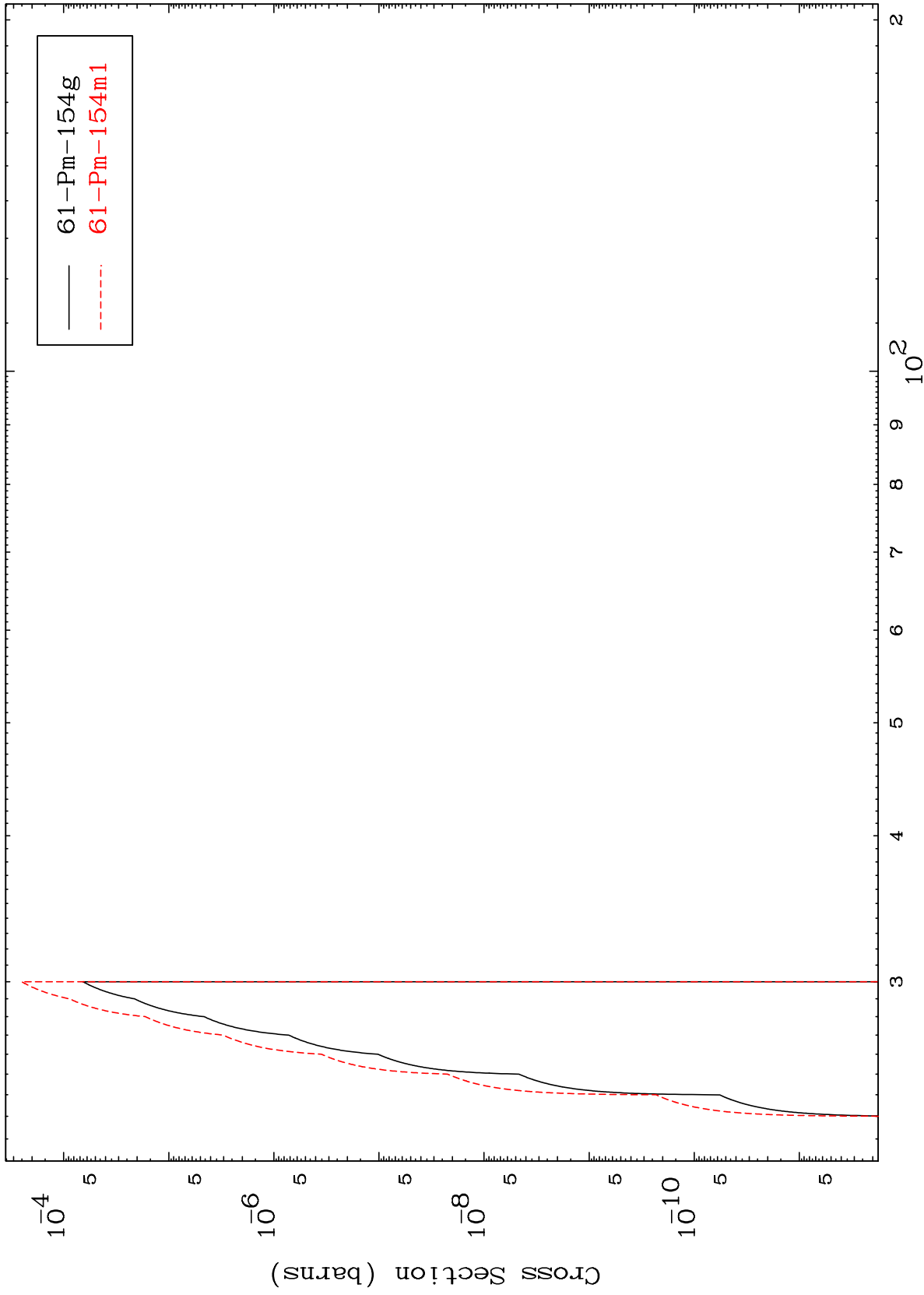
62-Sm-157

MAT 6264

(n,3n) p

62-Sm-157

Radionuclide Production Cross Section



130

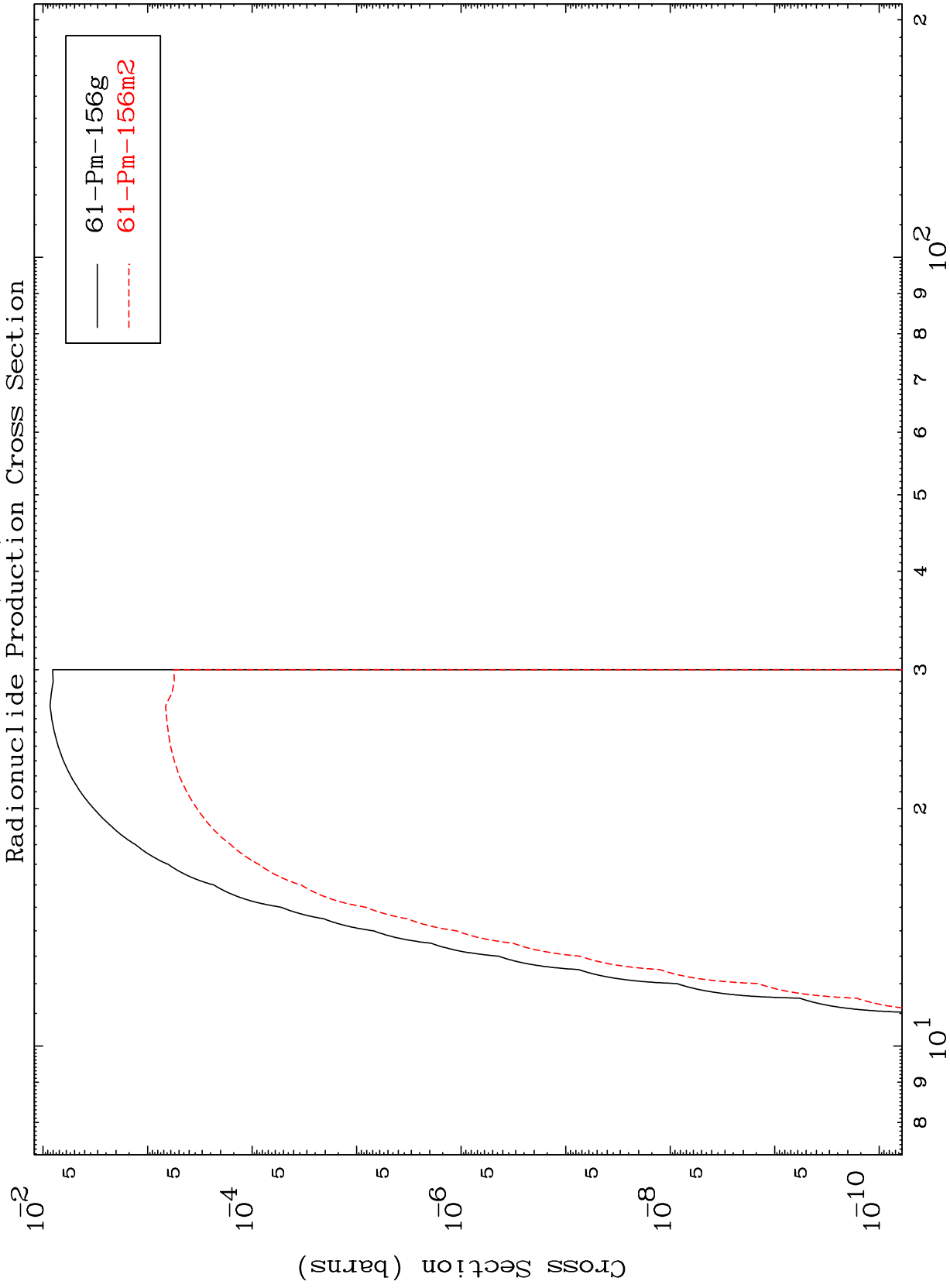
Incident Energy (MeV)

62-Sm-157

MAT 6264

(n,d)

62-Sm-157



131

62-Sm-157