

Program EVALPLOT  
(Version 2018-1)

by

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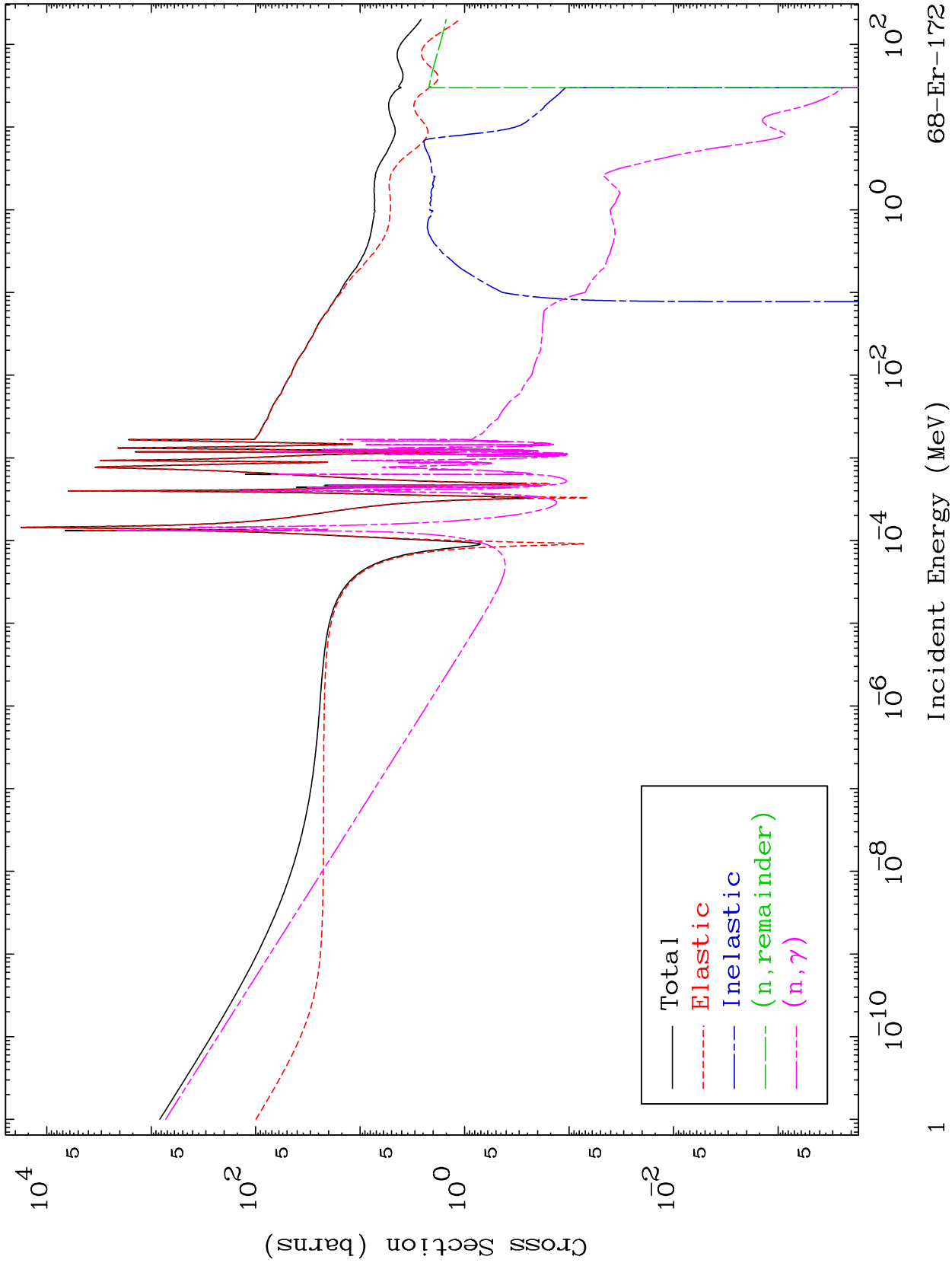
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6855

Major  
293 Kelvin Cross Sections

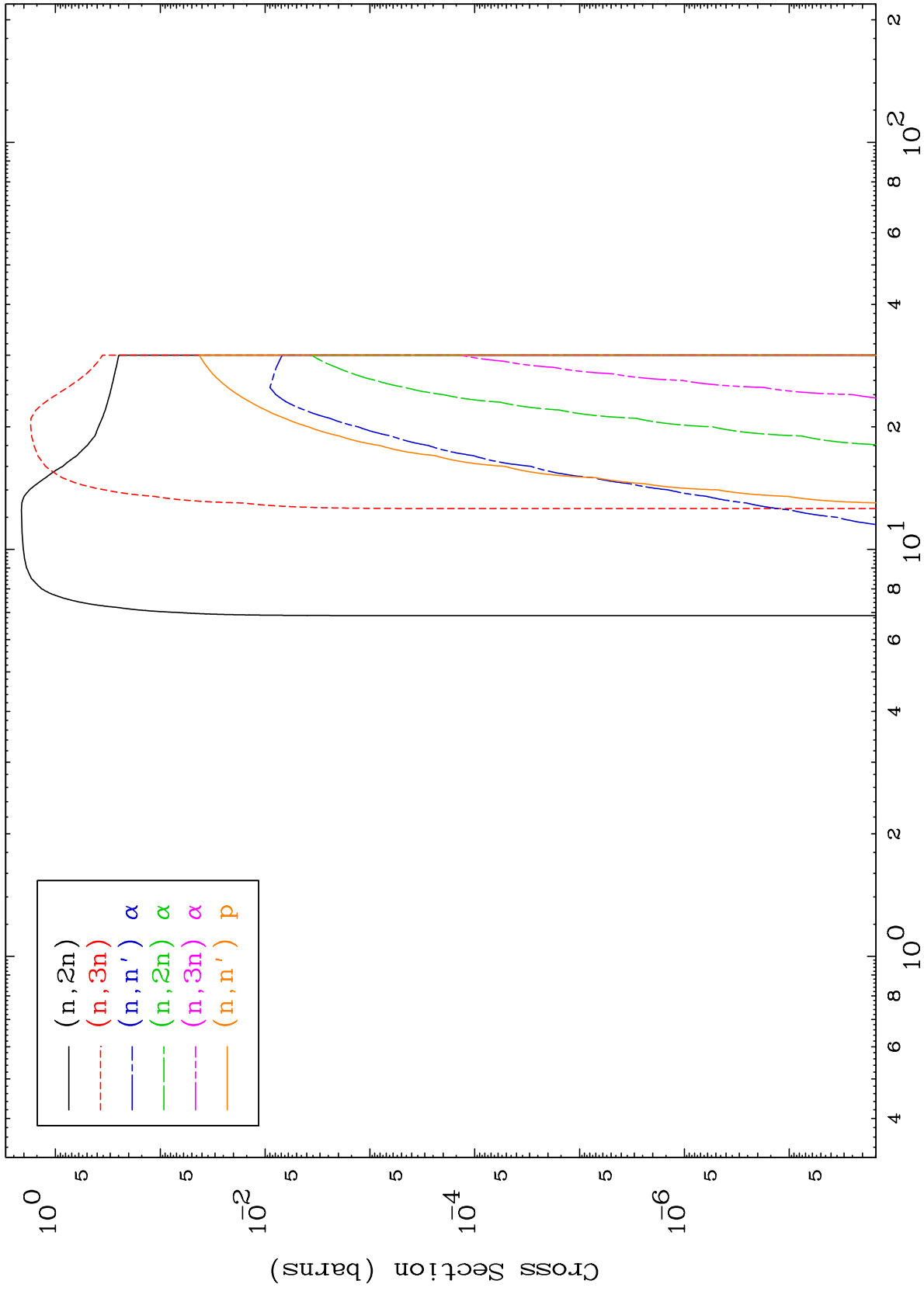
68-Er-172



MAT 6855

Neutron Production  
293 Kelvin Cross Sections

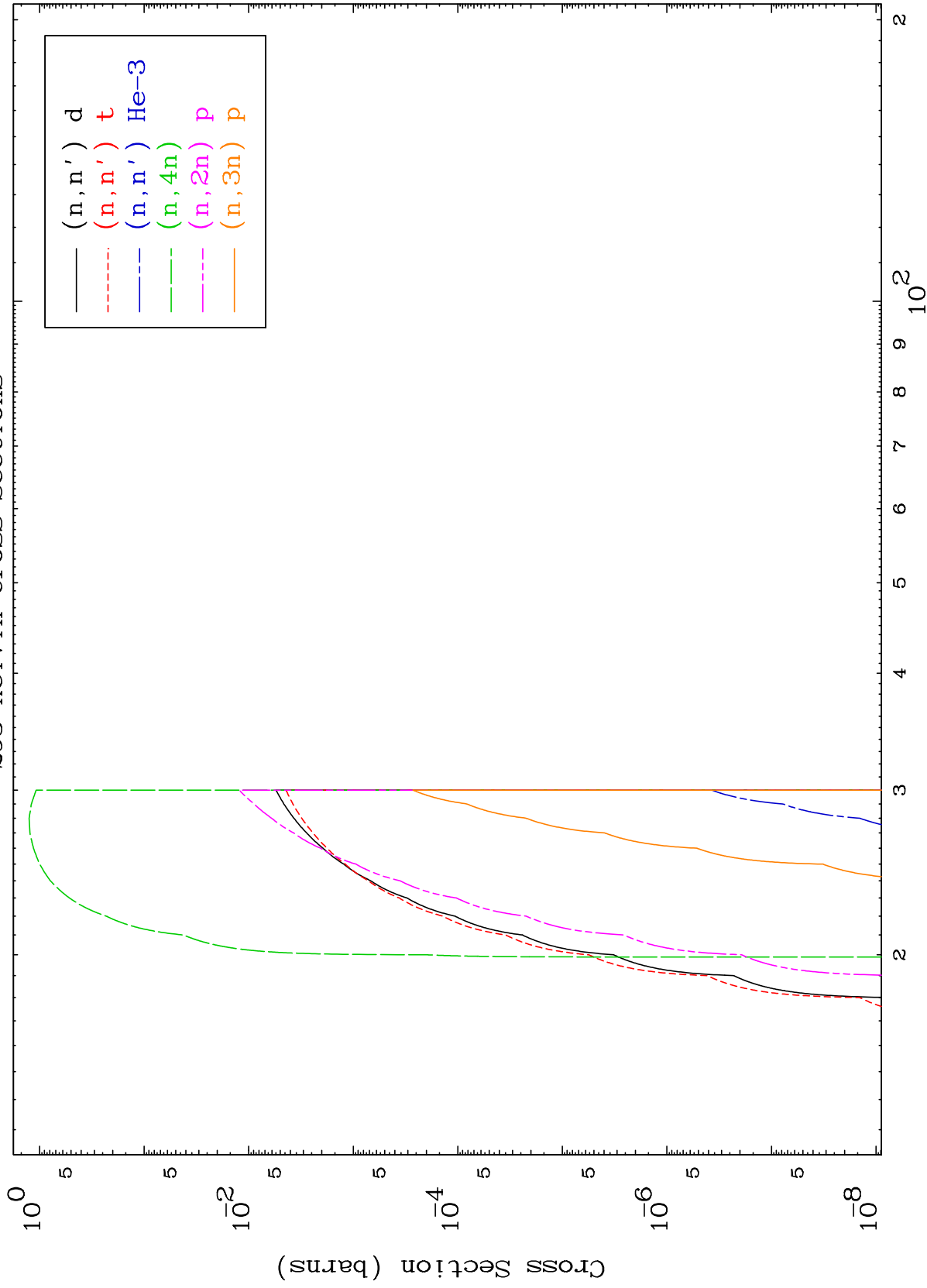
68-Er-172



2

Incident Energy (MeV)

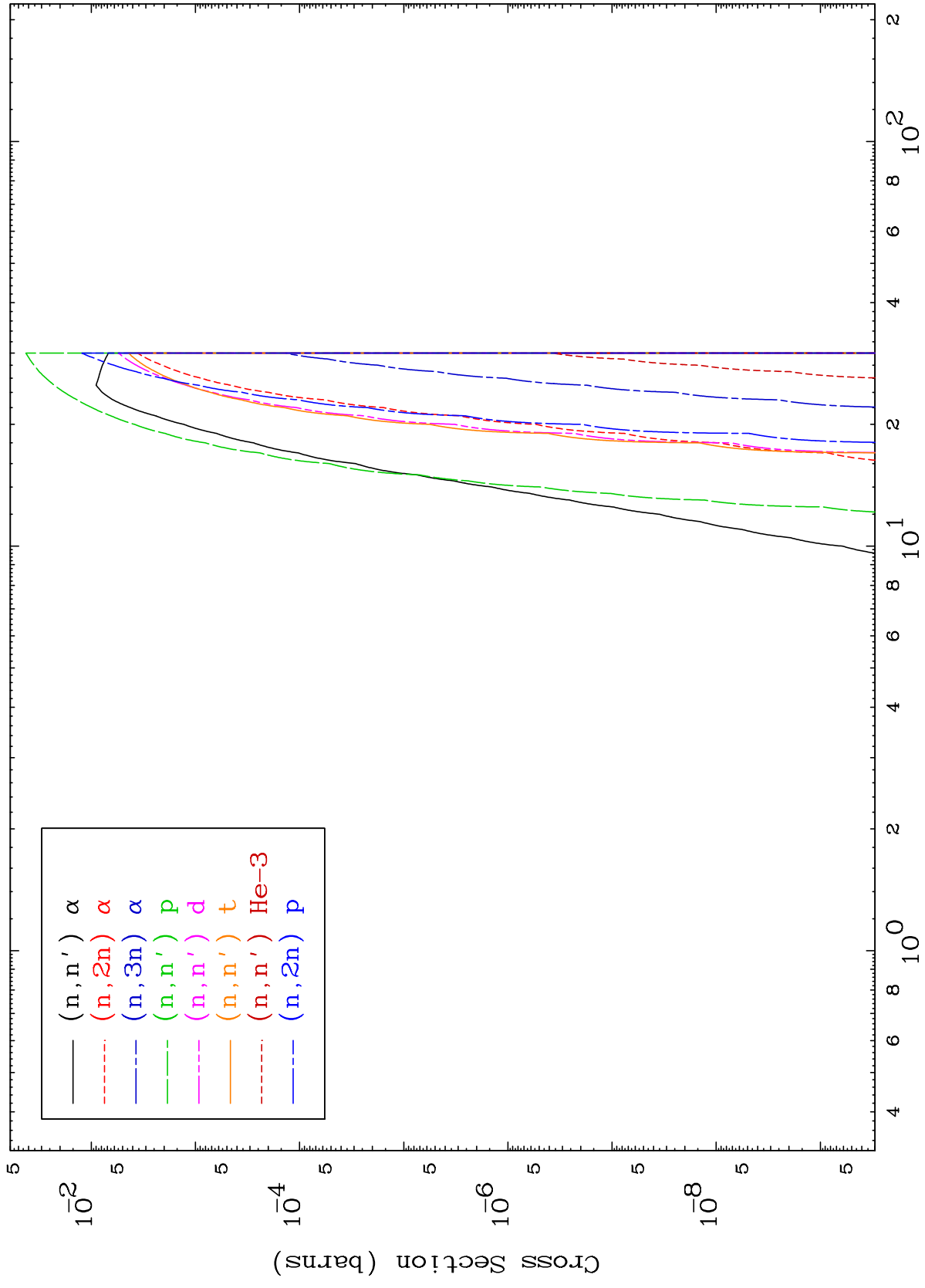
68-Er-172



MAT 6855

293 Kelvin Cross Sections

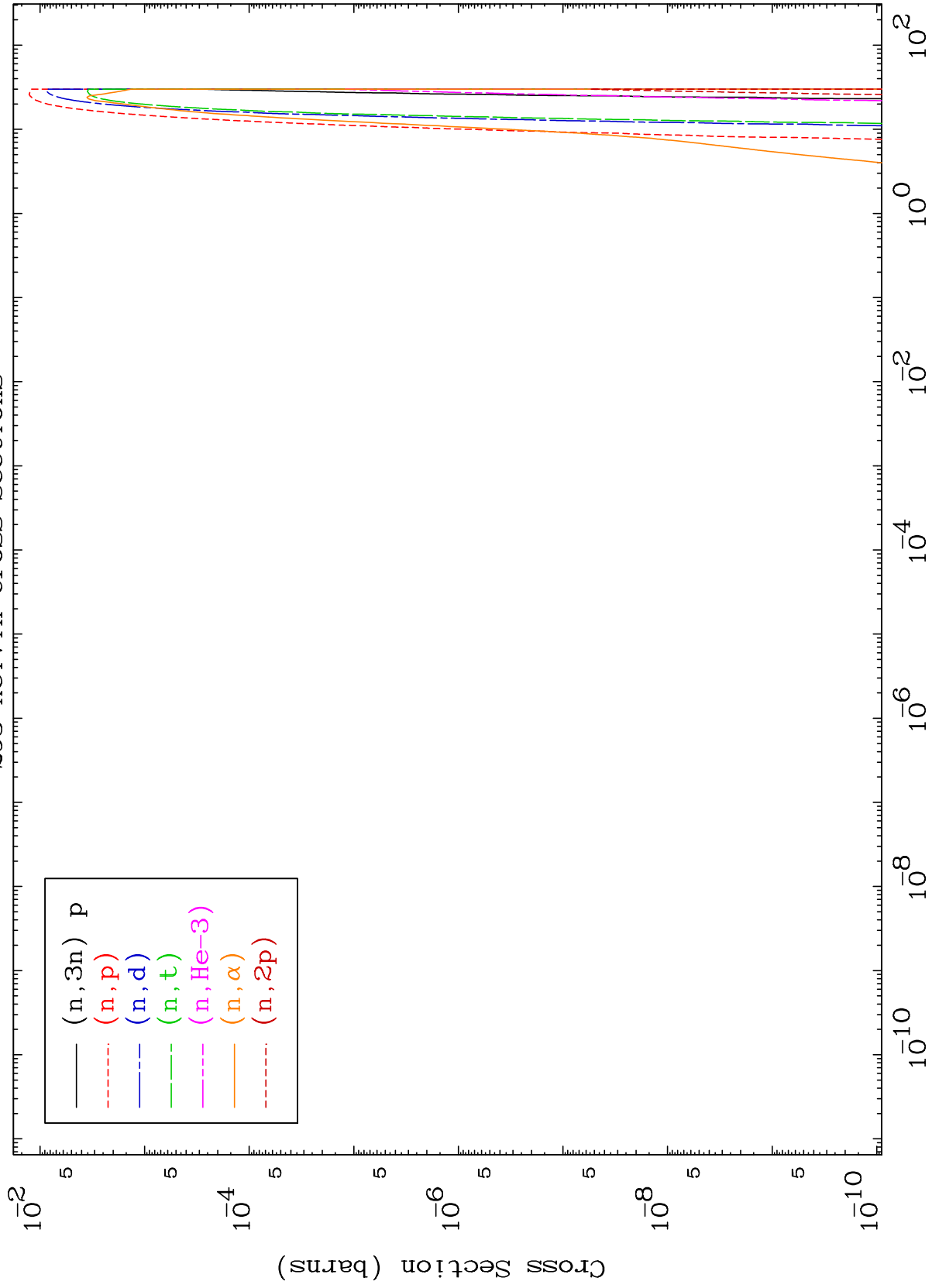
68-Er-172



MAT 6855

293 Kelvin Cross Sections

68-Er-172



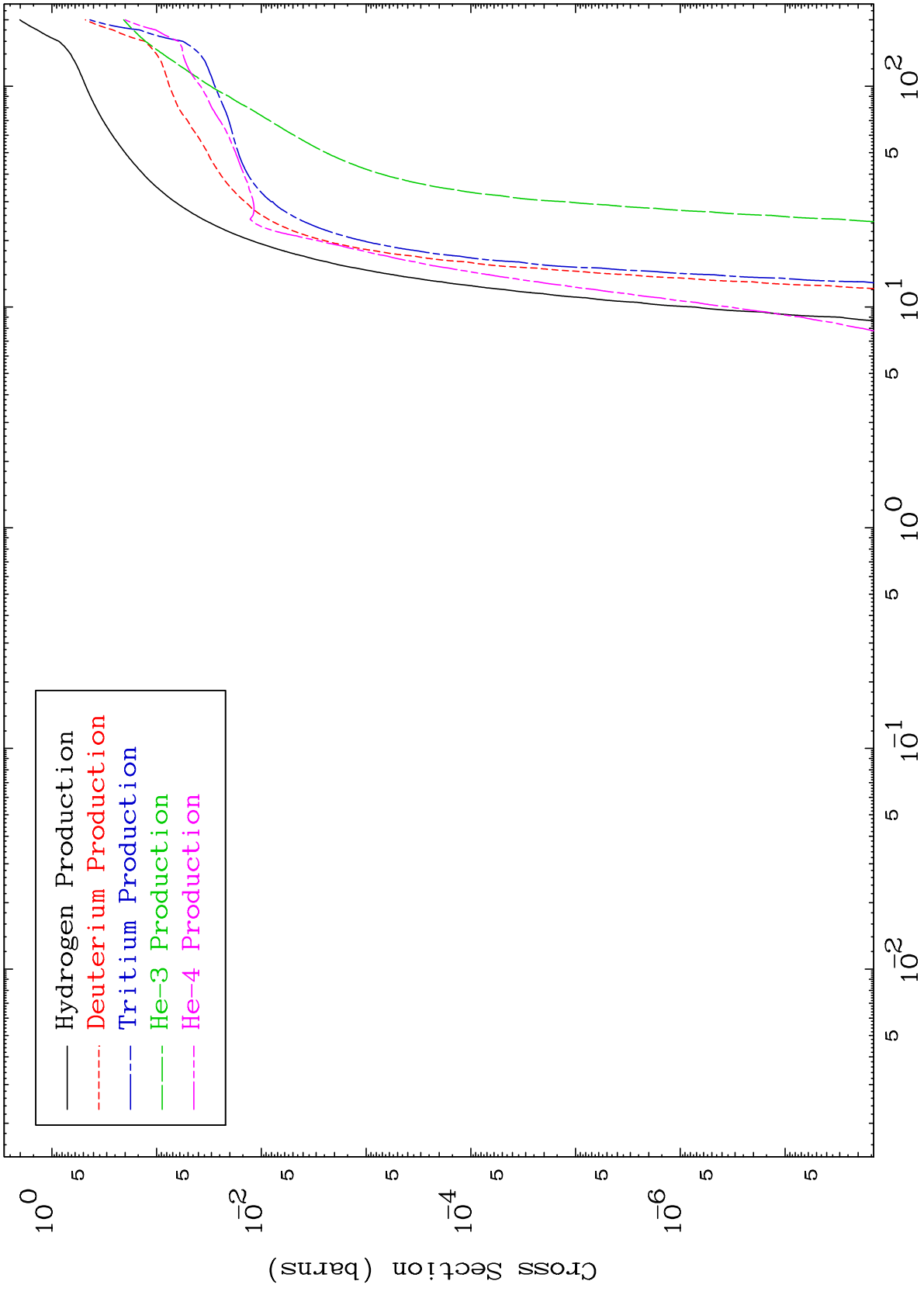
5

68-Er-172

MAT 6855

Particle Production  
293 Kelvin Cross Sections

68-Er-172



6

Incident Energy (MeV)

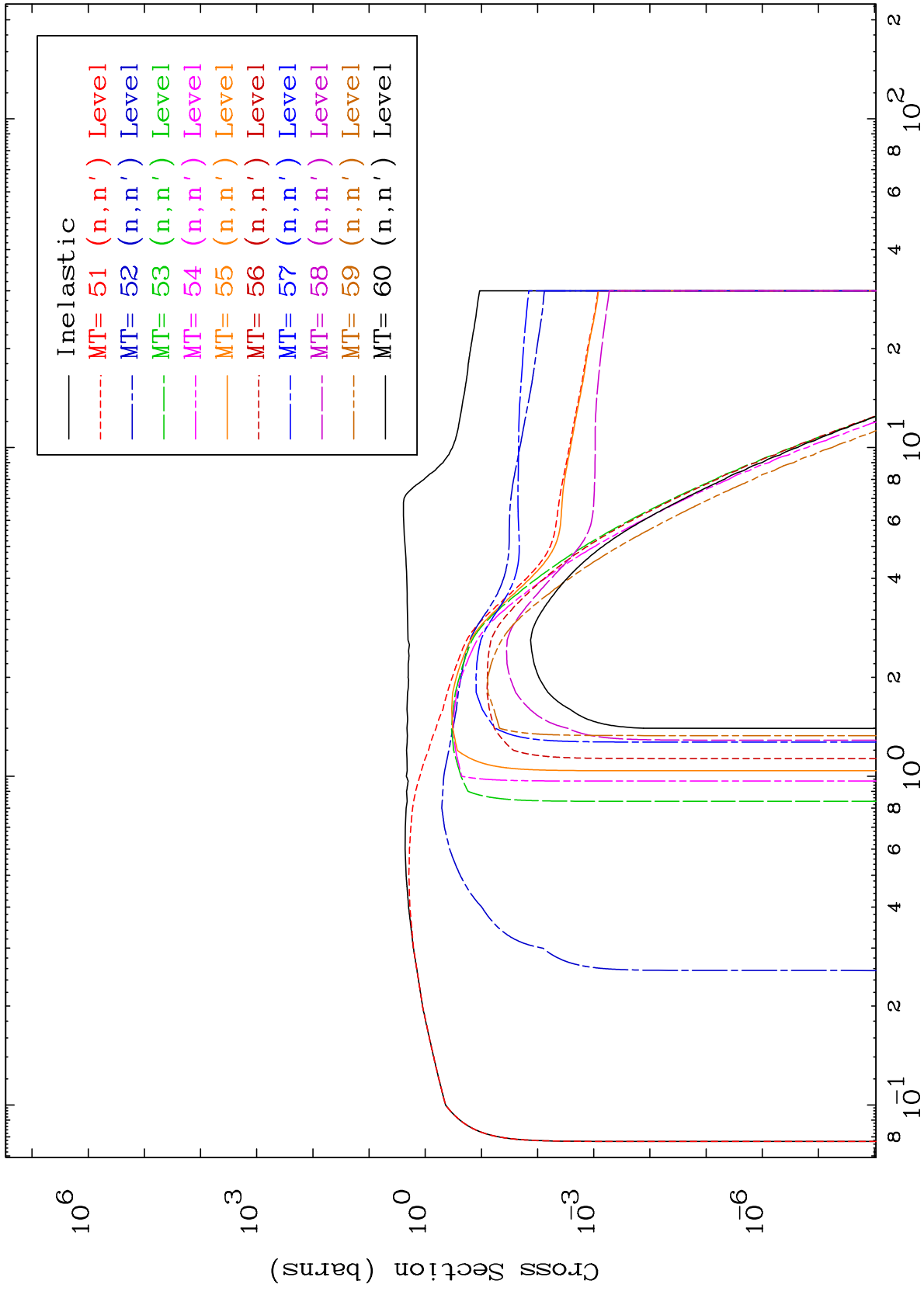
68-Er-172

MAT 6855

(n,n') Level

293 Kelvin Cross Sections

68-Er-172



7

Incident Energy (MeV)

68-Er-172

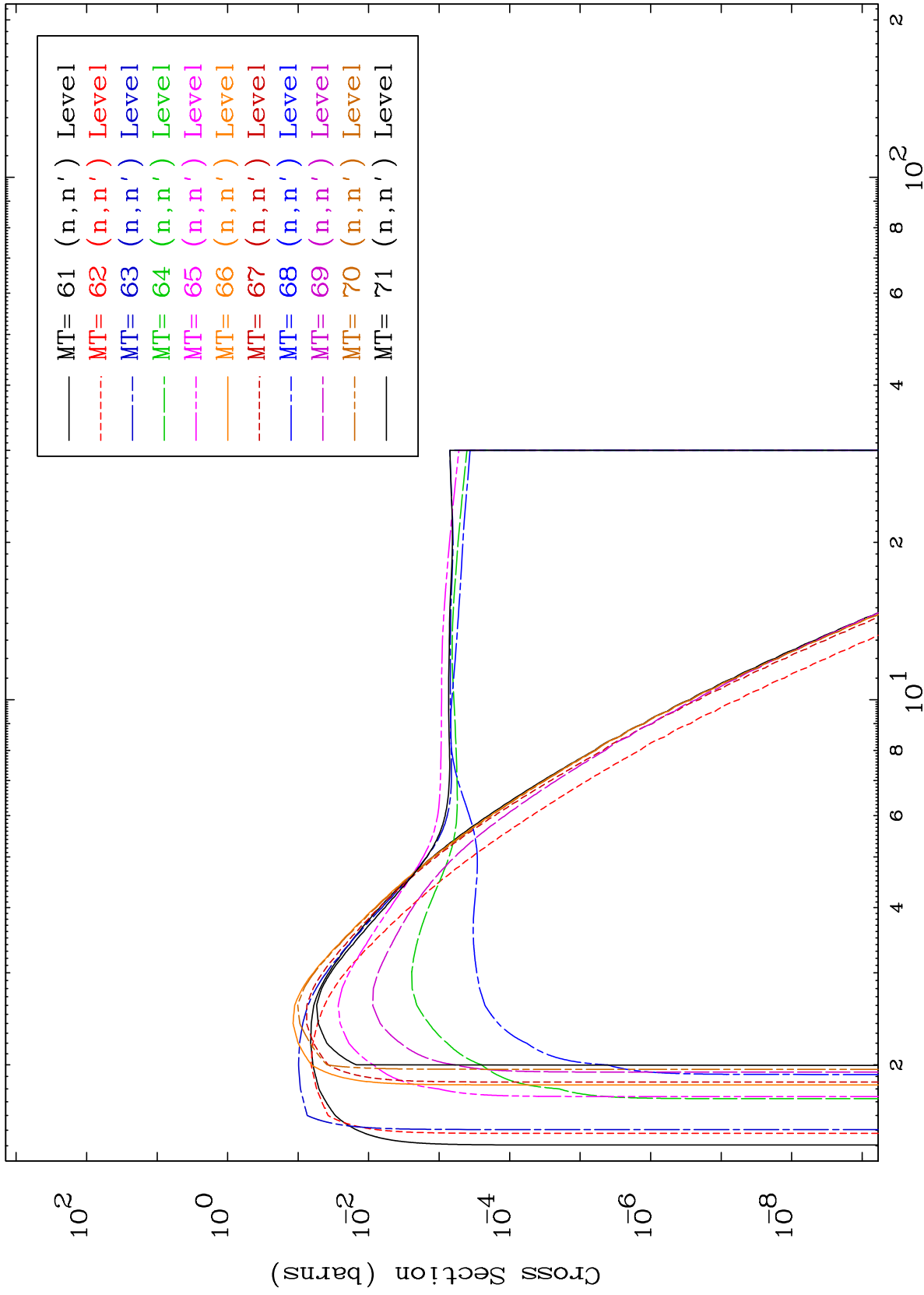


MAT 6855

(n,n') Level

68-Er-172

293 Kelvin Cross Sections



8

Incident Energy (MeV)

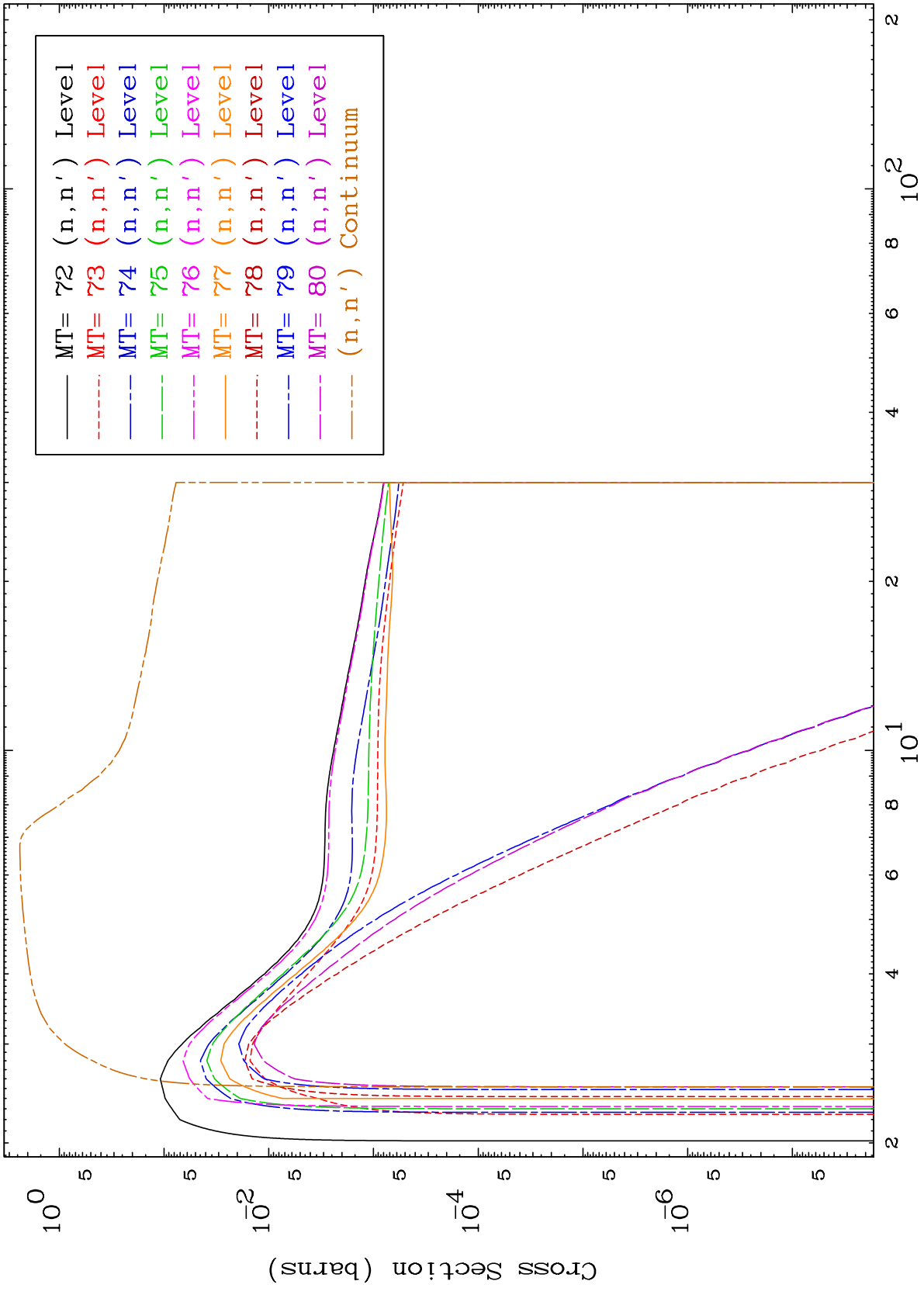
68-Er-172

MAT 6855

(n,n') Level

68-Er-172

293 Kelvin Cross Sections



9

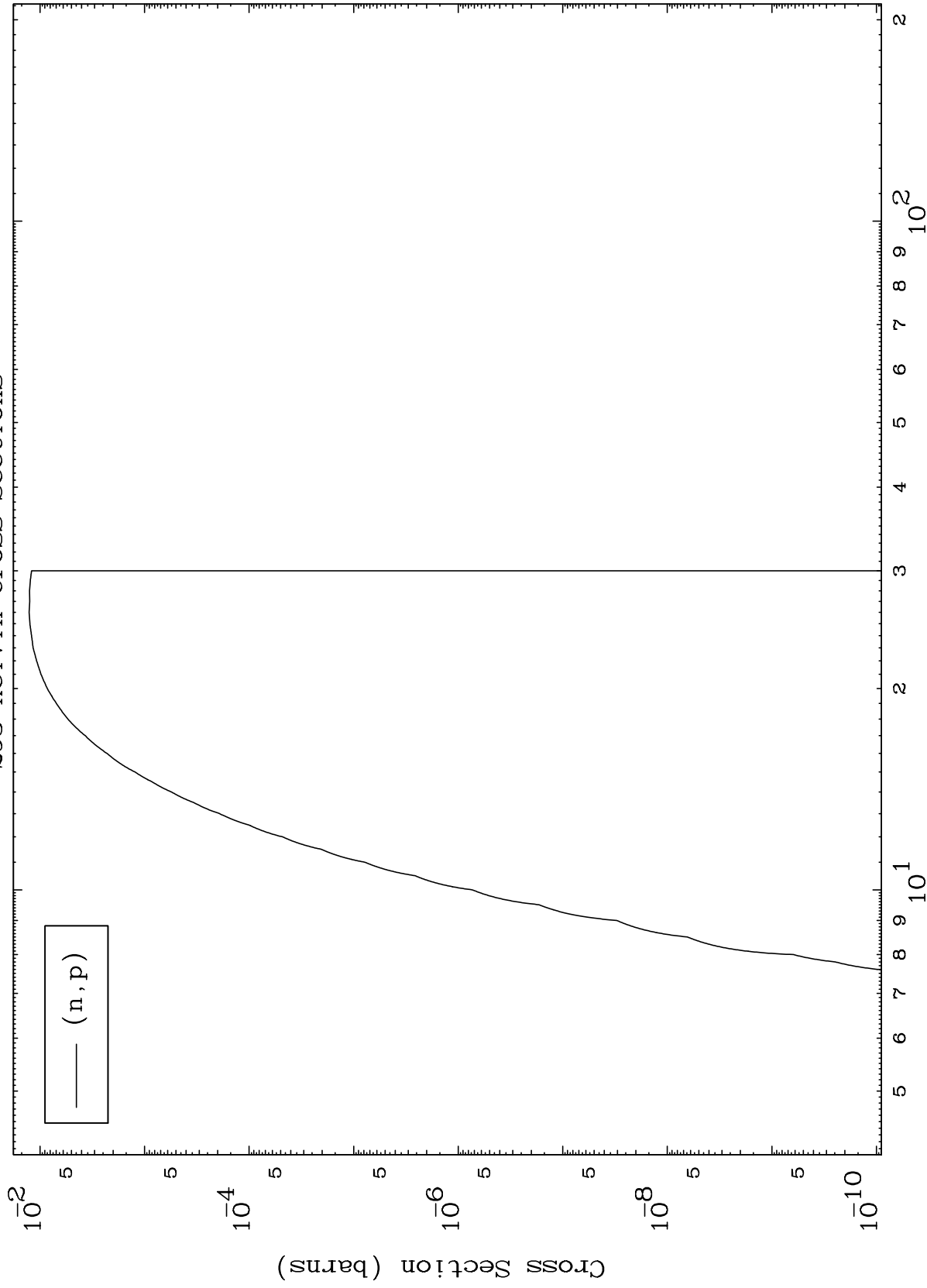
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,p) Levels  
293 Kelvin Cross Sections

68-Er-172



10

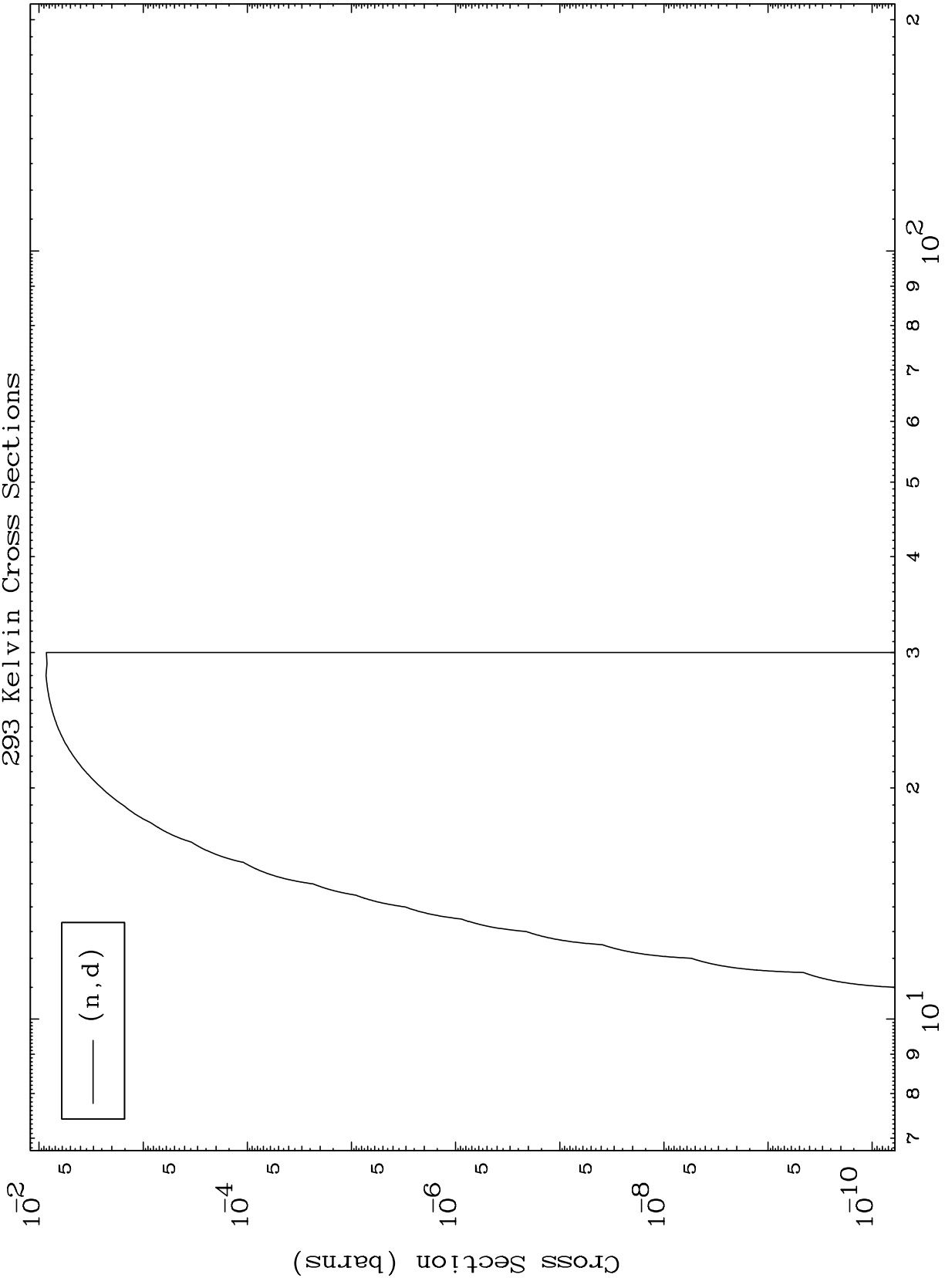
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-172

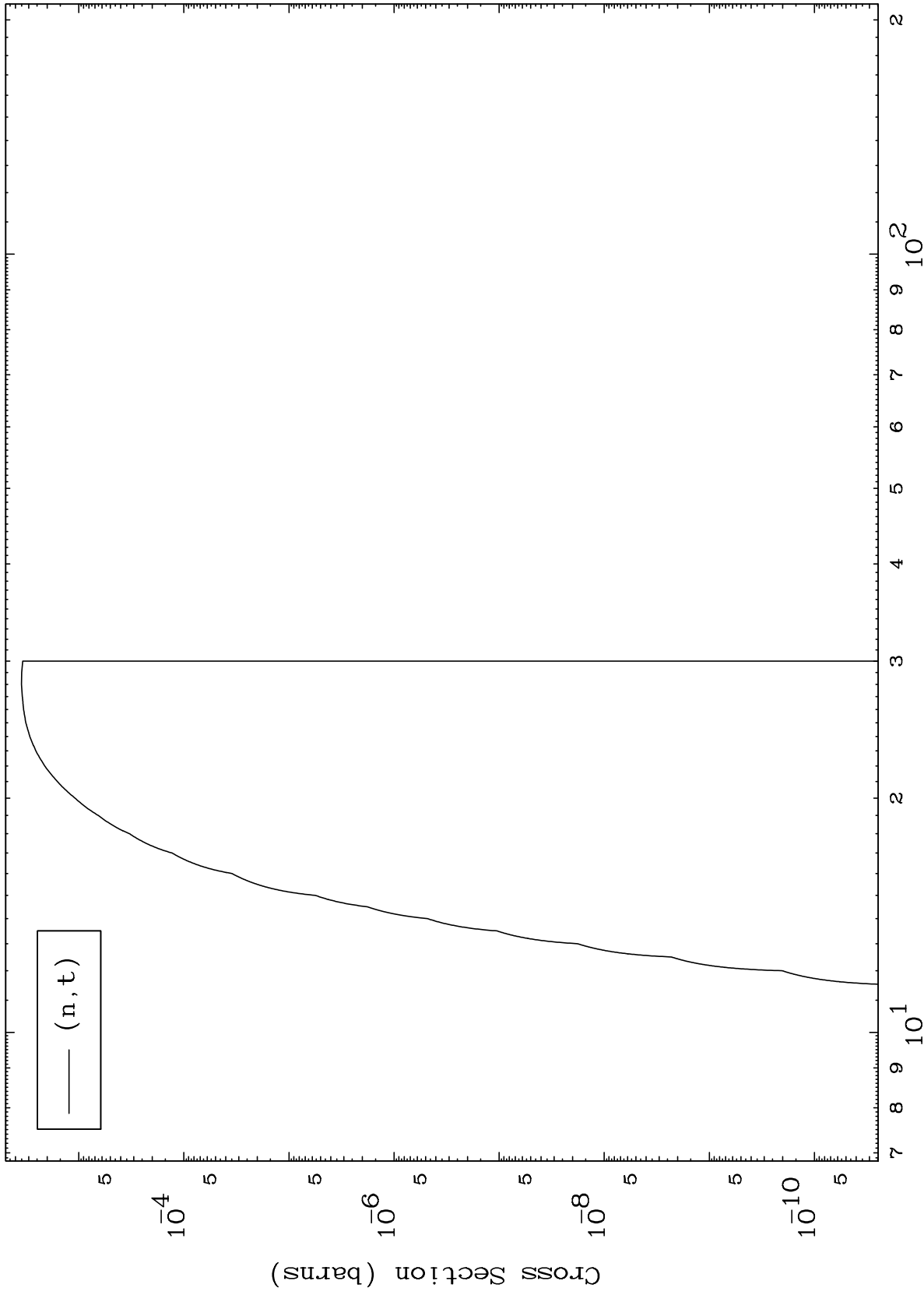


(n,d)

MAT 6855

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-172



12

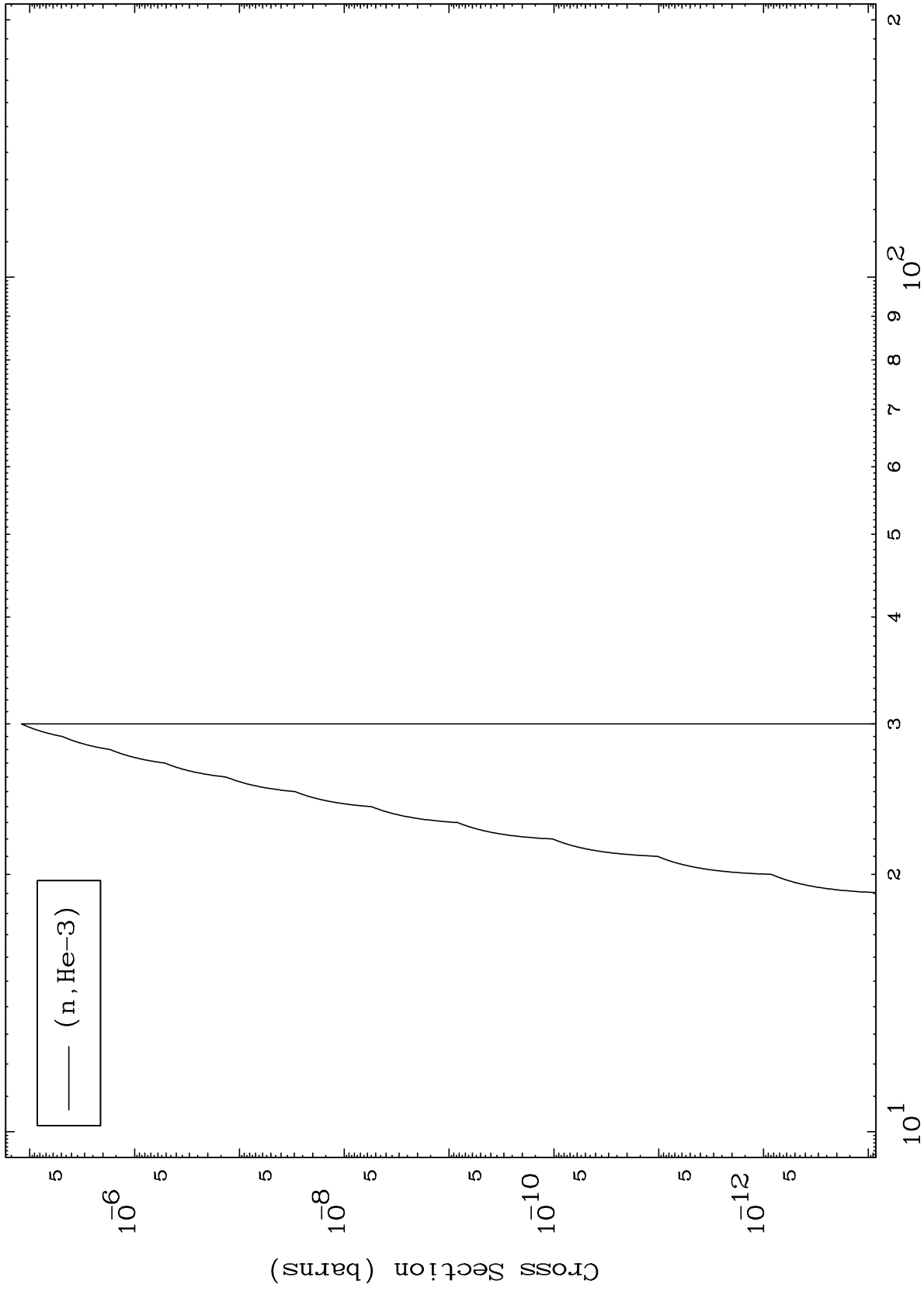
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-172



13

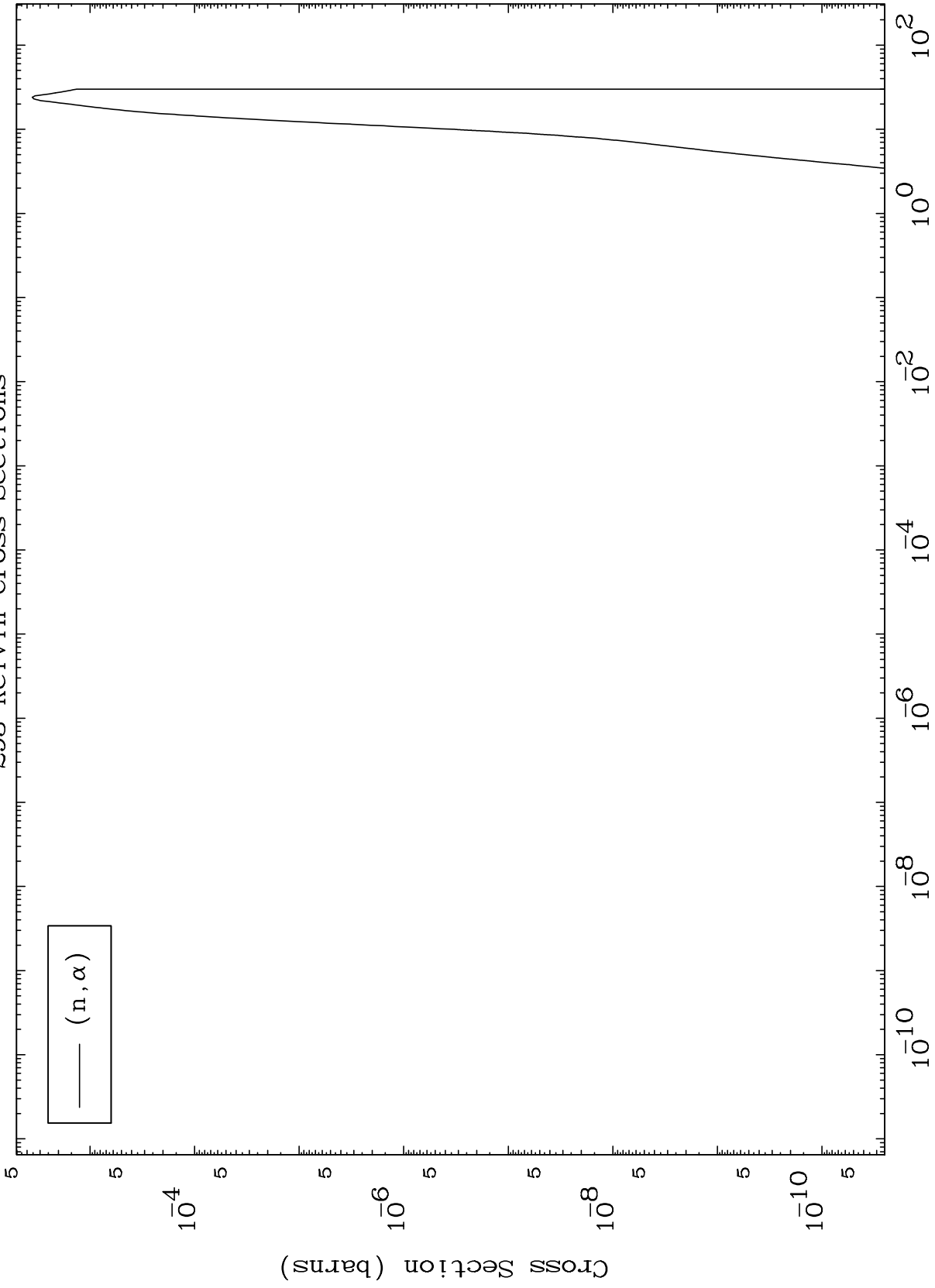
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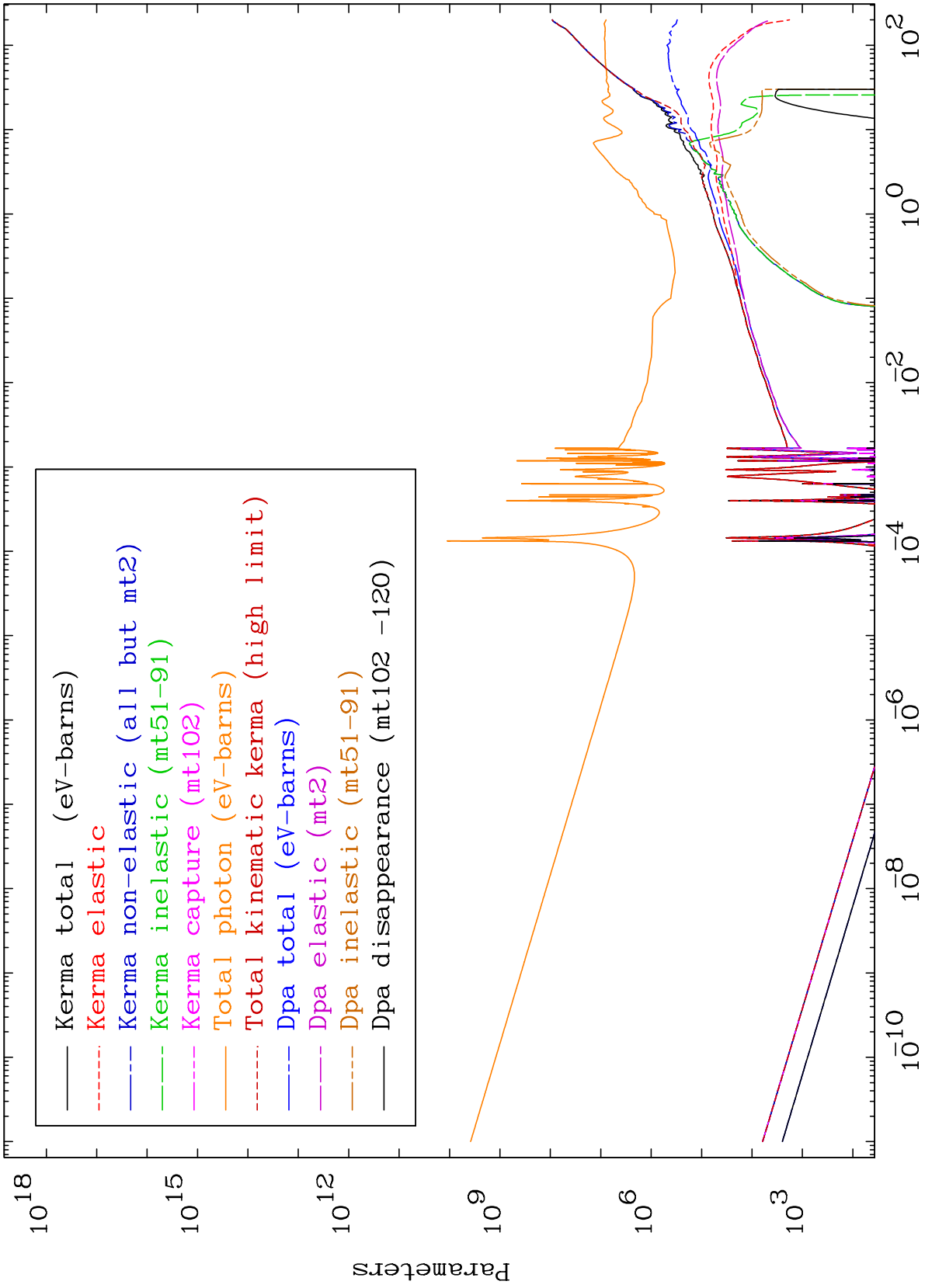
68-Er-172

MAT 6855

(n,α) Levels  
293 Kelvin Cross Sections

68-Er-172



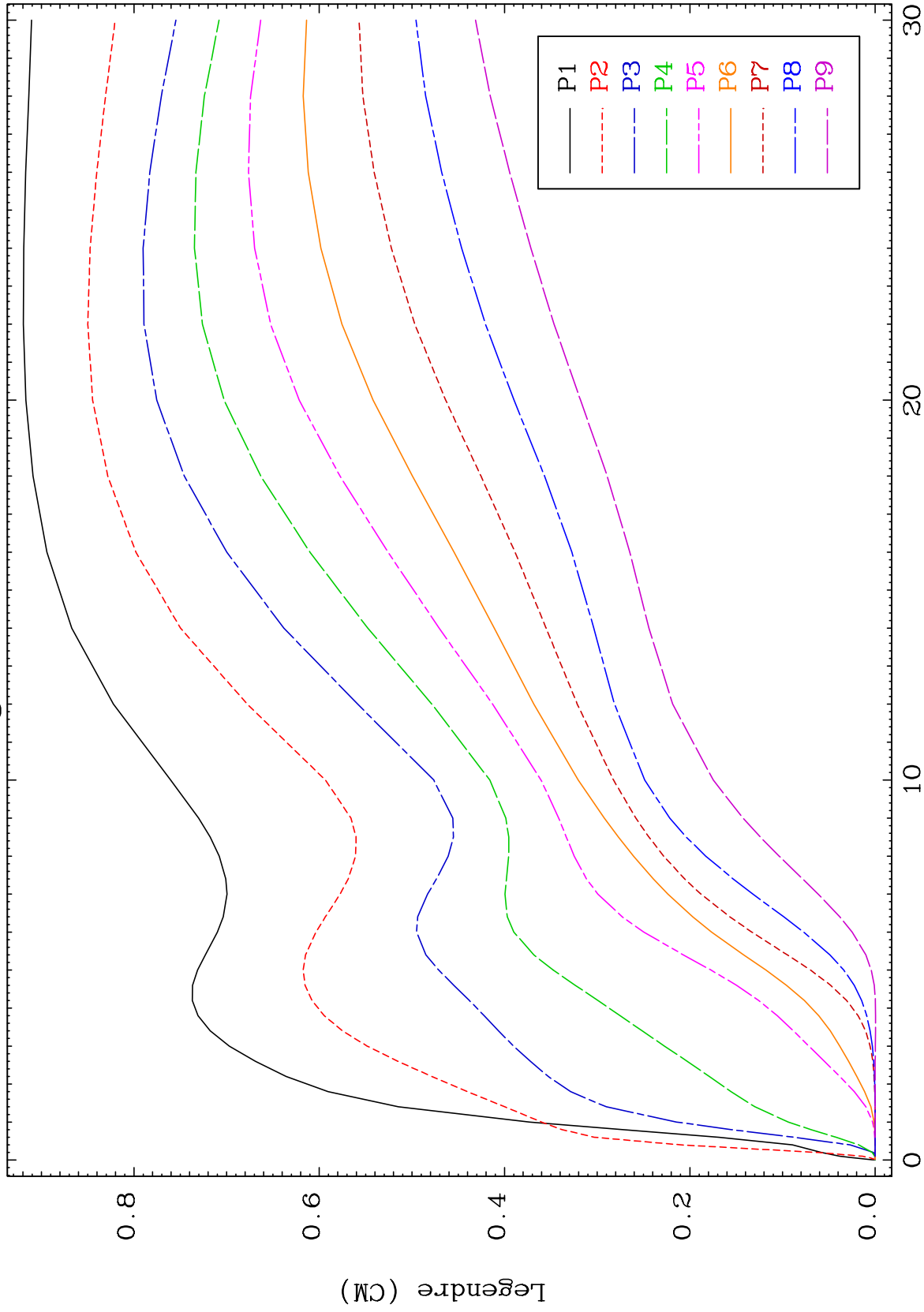




MAT 6855

Elastic Legendre Coefficients

68-Er-172



16

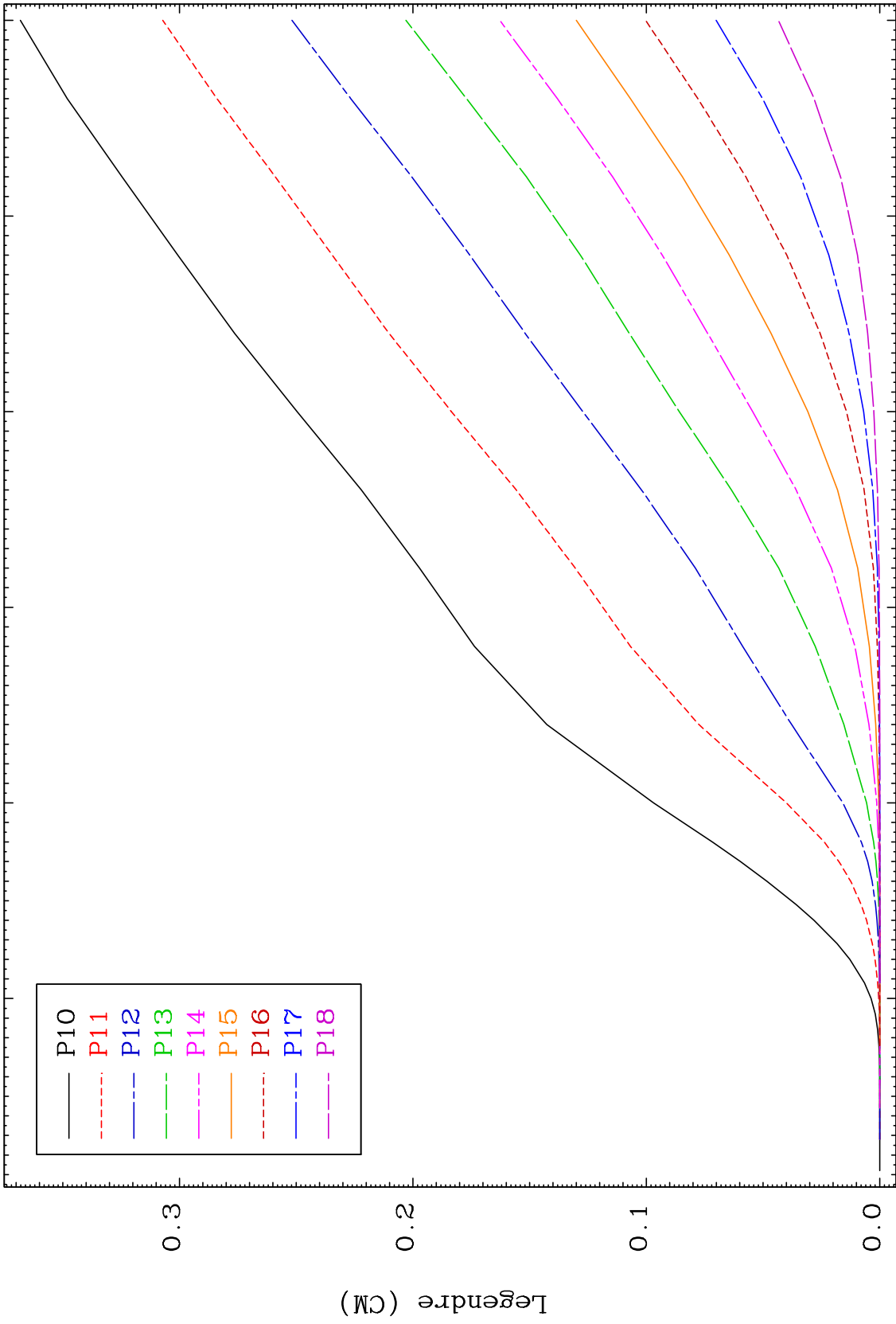
Incident Energy (MeV)

68-Er-172

MAT 6855

Elastic Legendre Coefficients

68-Er-172



17

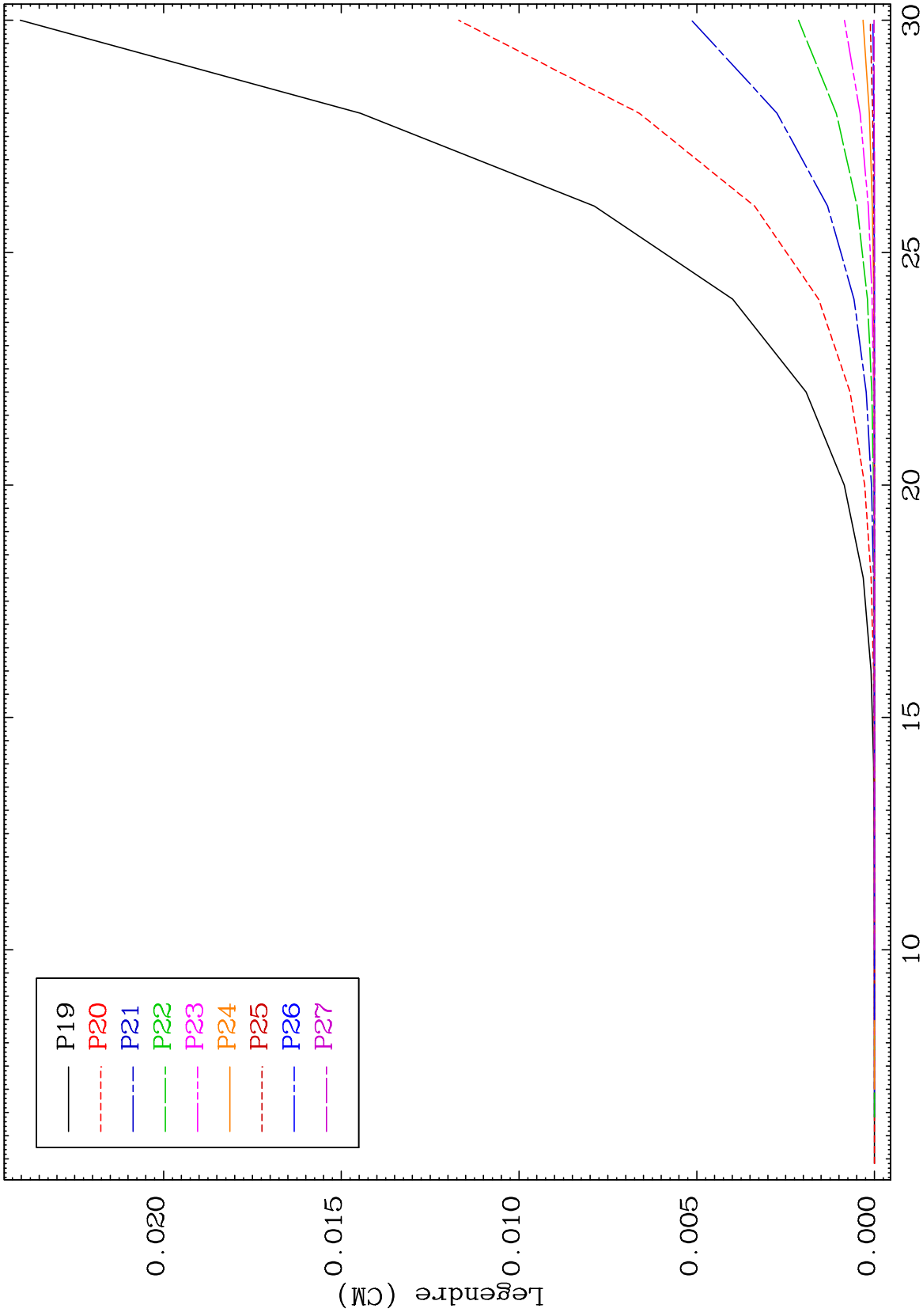
Incident Energy (MeV)

68-Er-172

MAT 6855

### Elastic Legendre Coefficients

68-Er-172



18

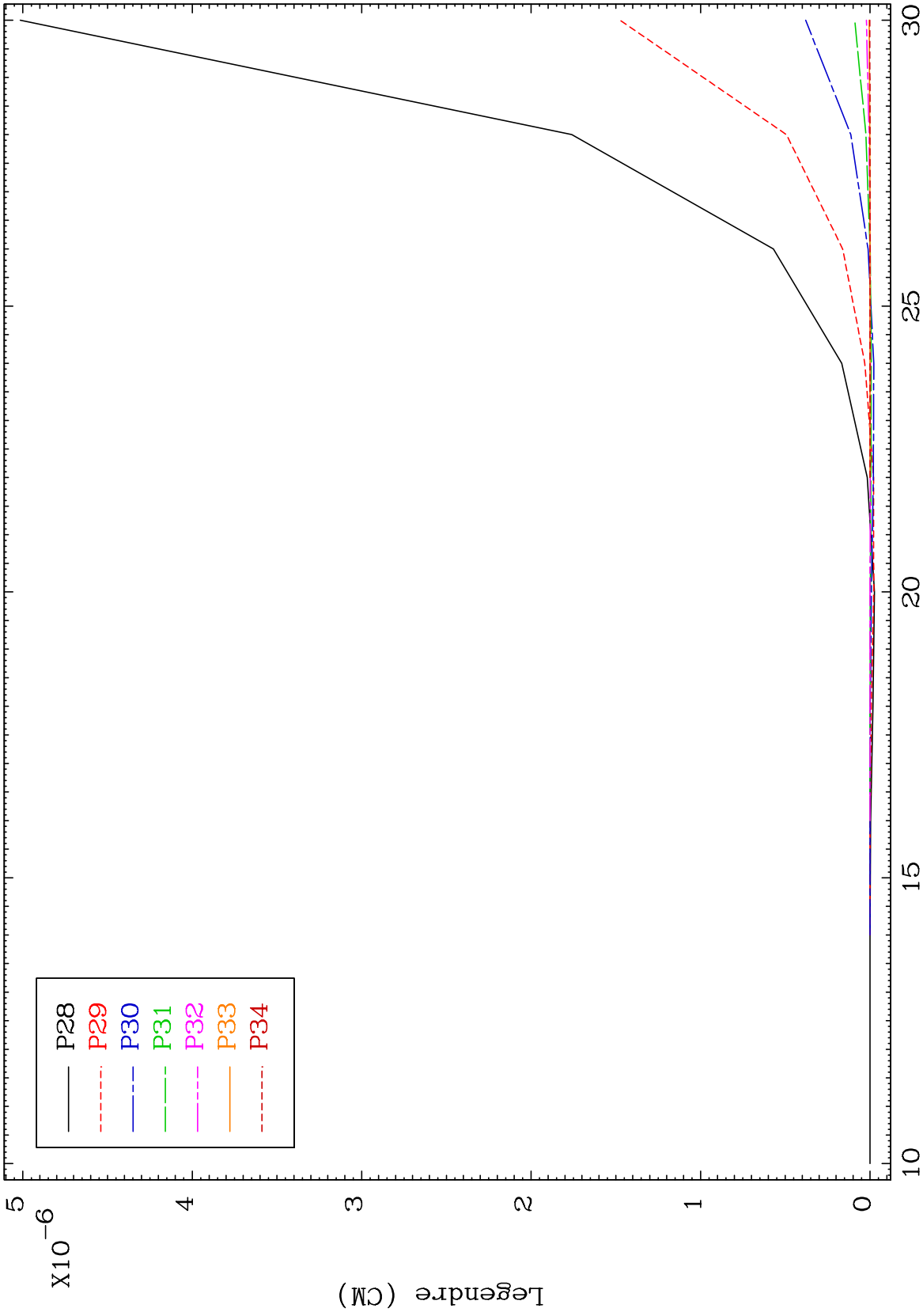
Incident Energy (MeV)

68-Er-172

MAT 6855

Elastic Legendre Coefficients

68-Er-172



19

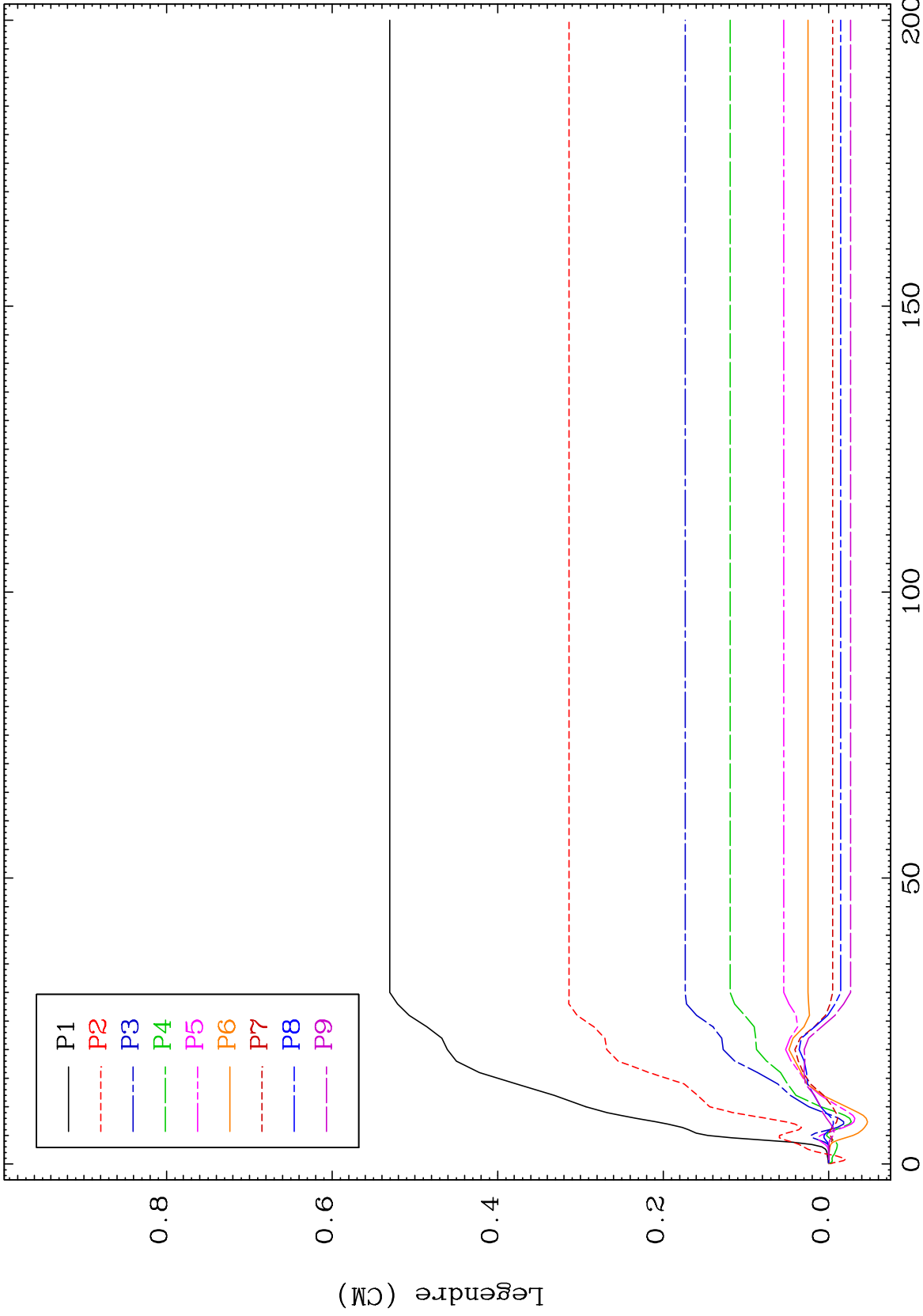
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



20

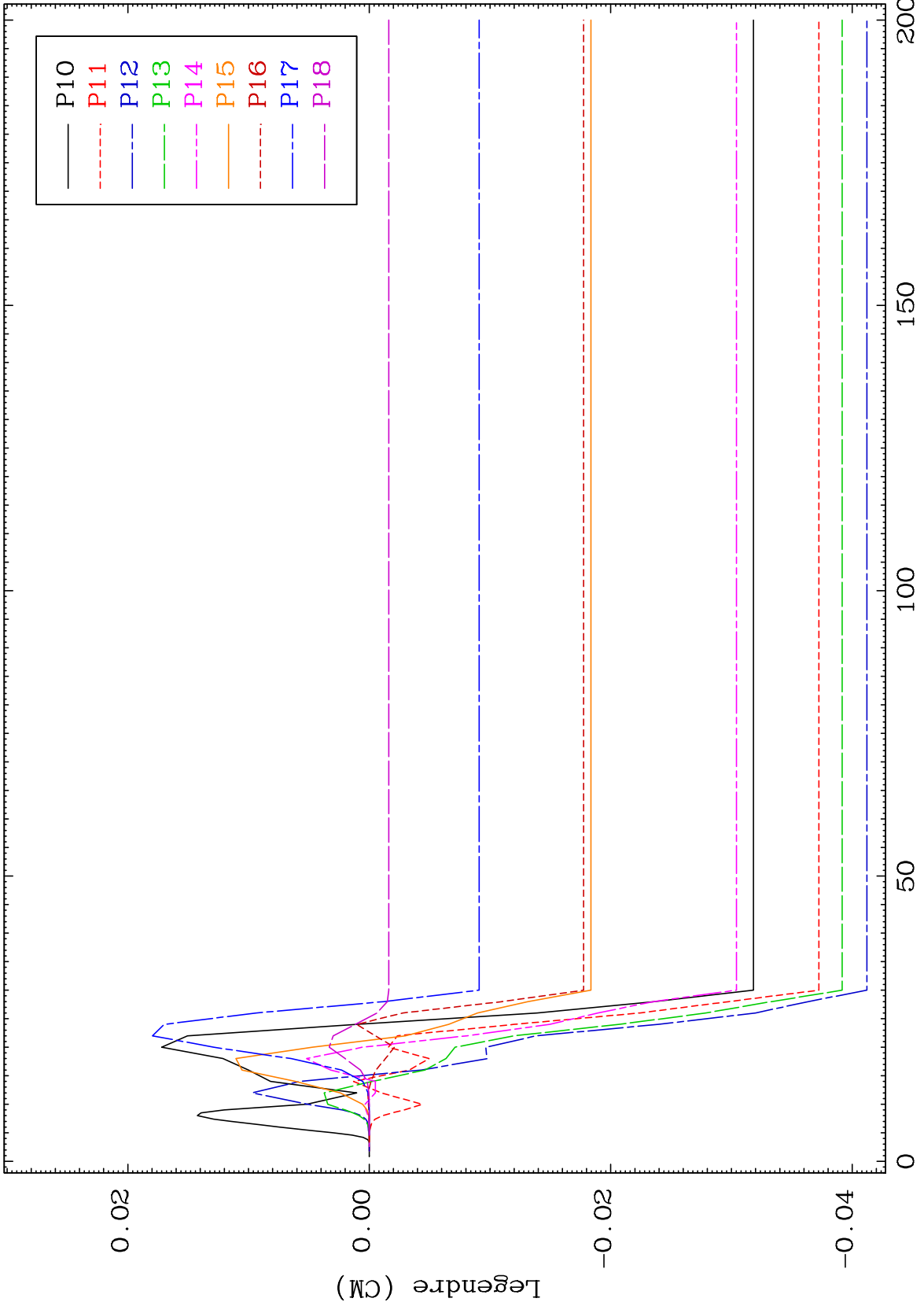
Incident Energy (MeV)

68-Er-172

MAT 6855

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

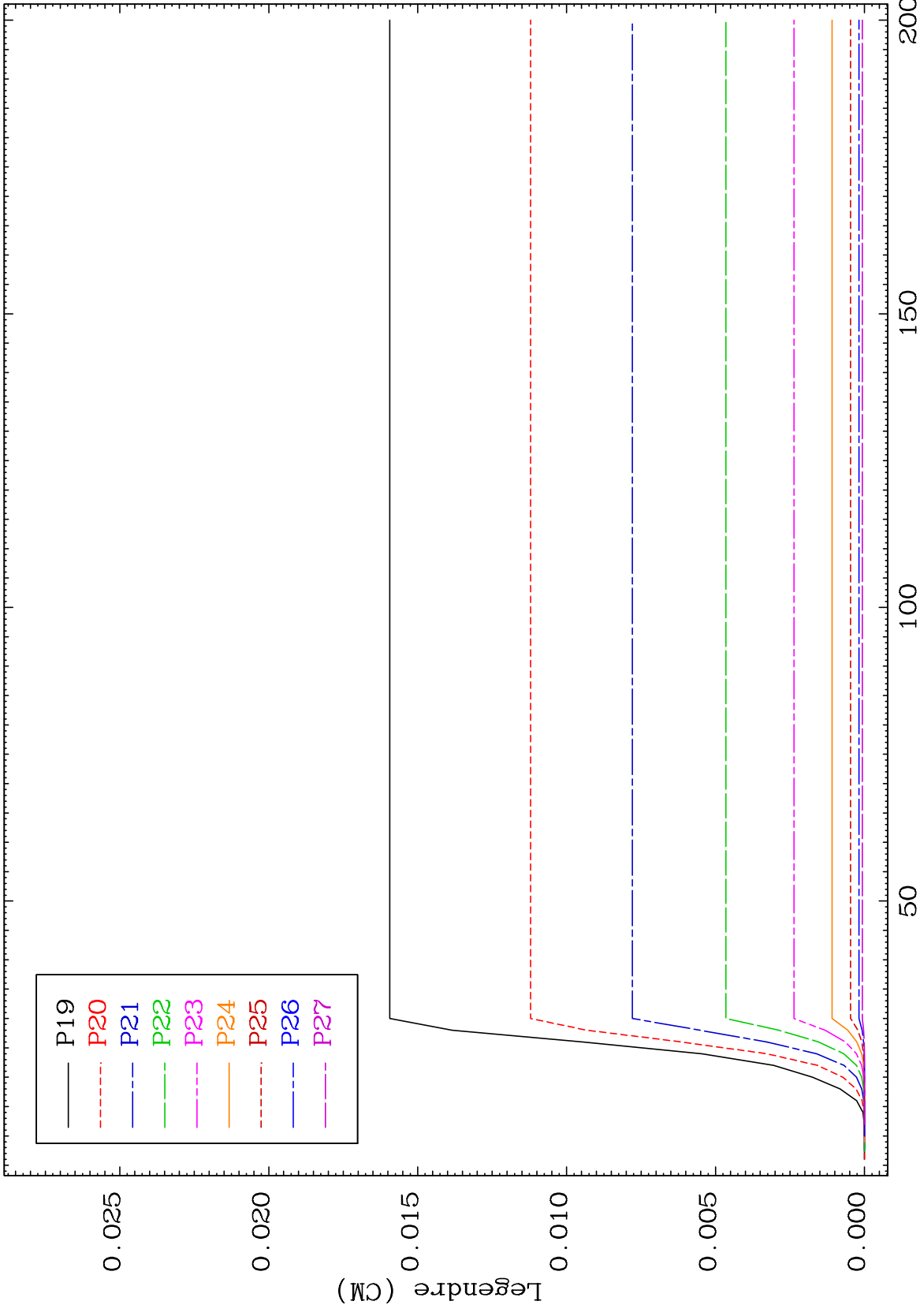
68-Er-172



21

Incident Energy (MeV)

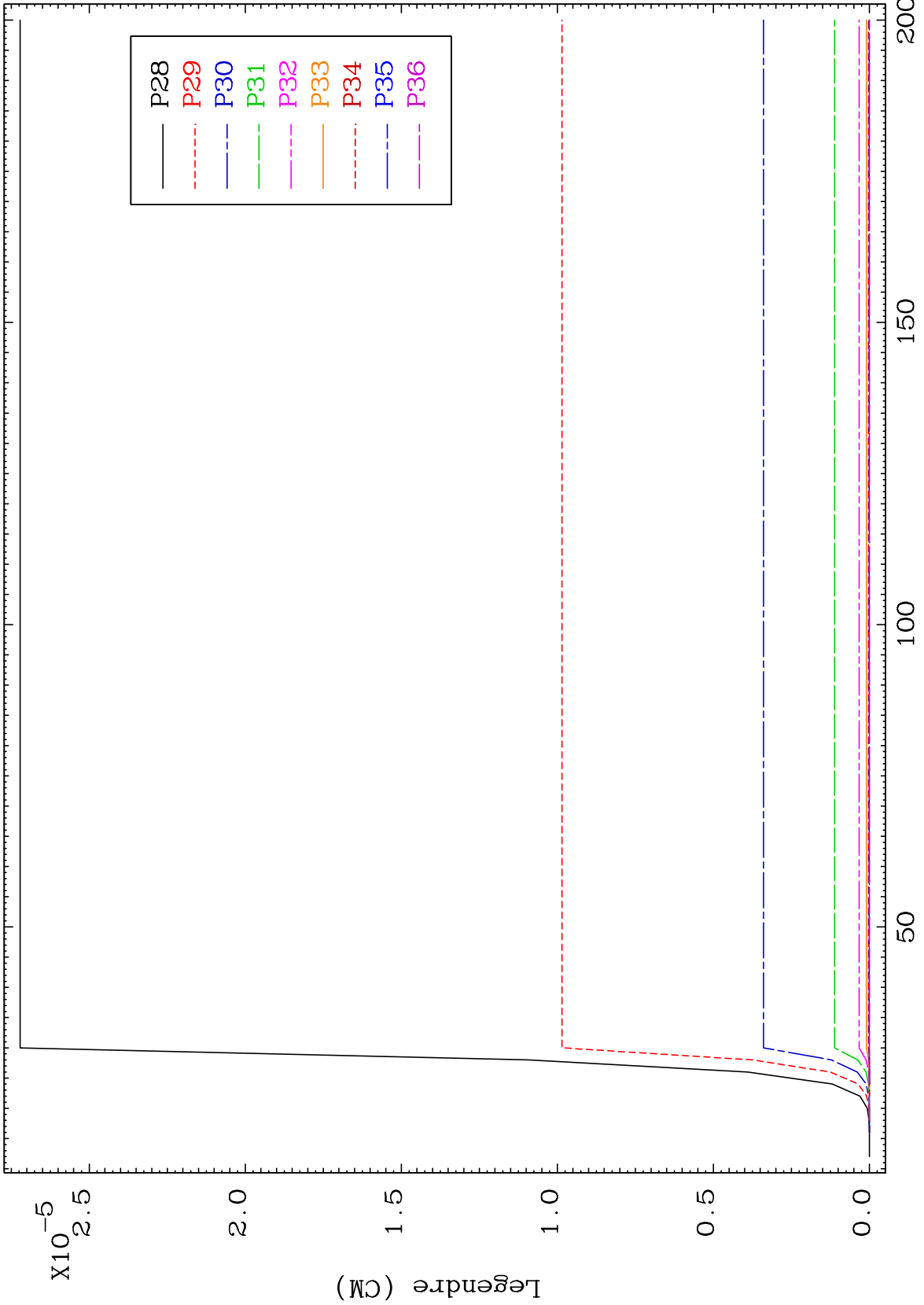
68-Er-172



MAT 6855

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

68-Er-172



23

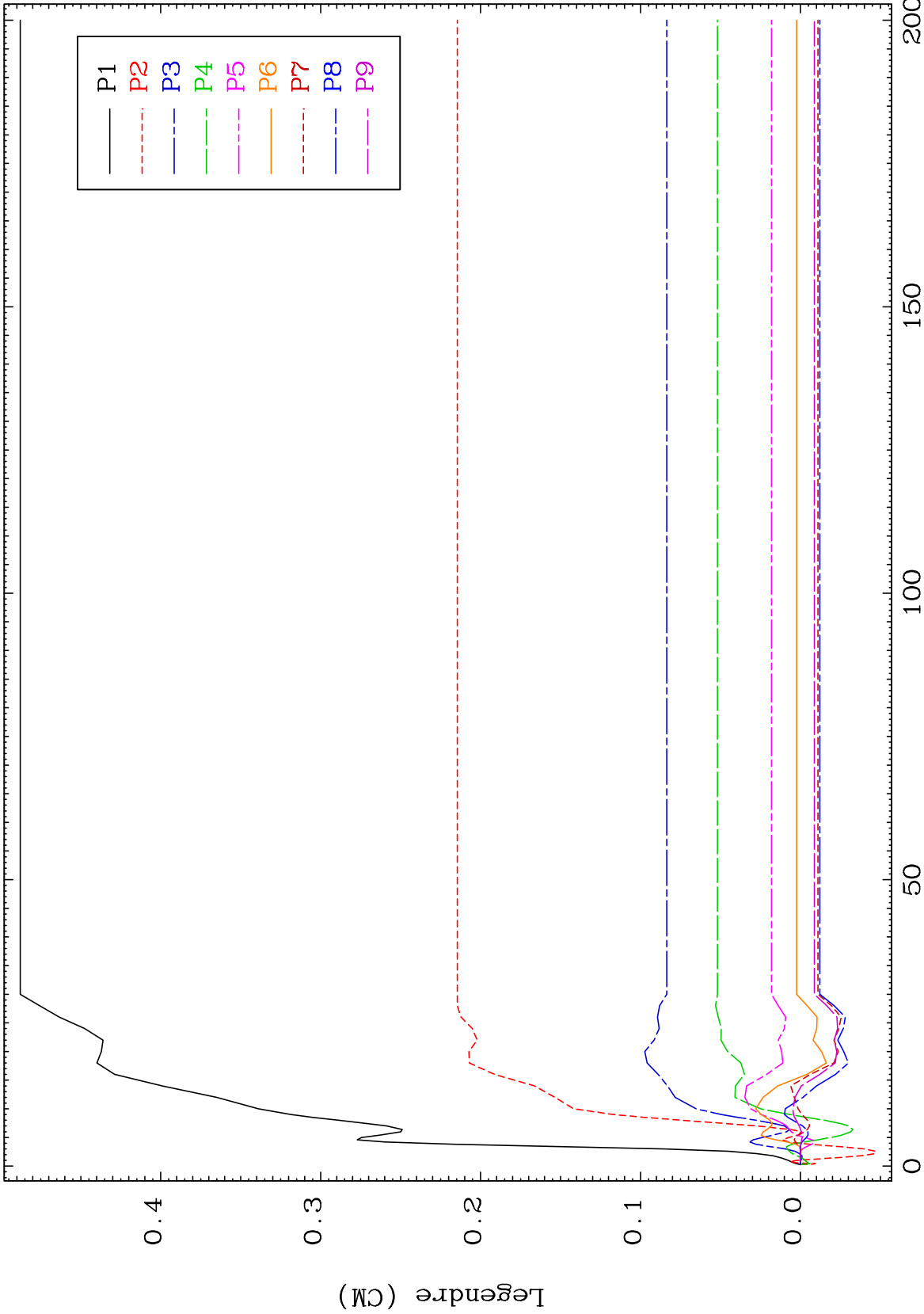
68-Er-172



MAT 6855

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

68-Er-172



24

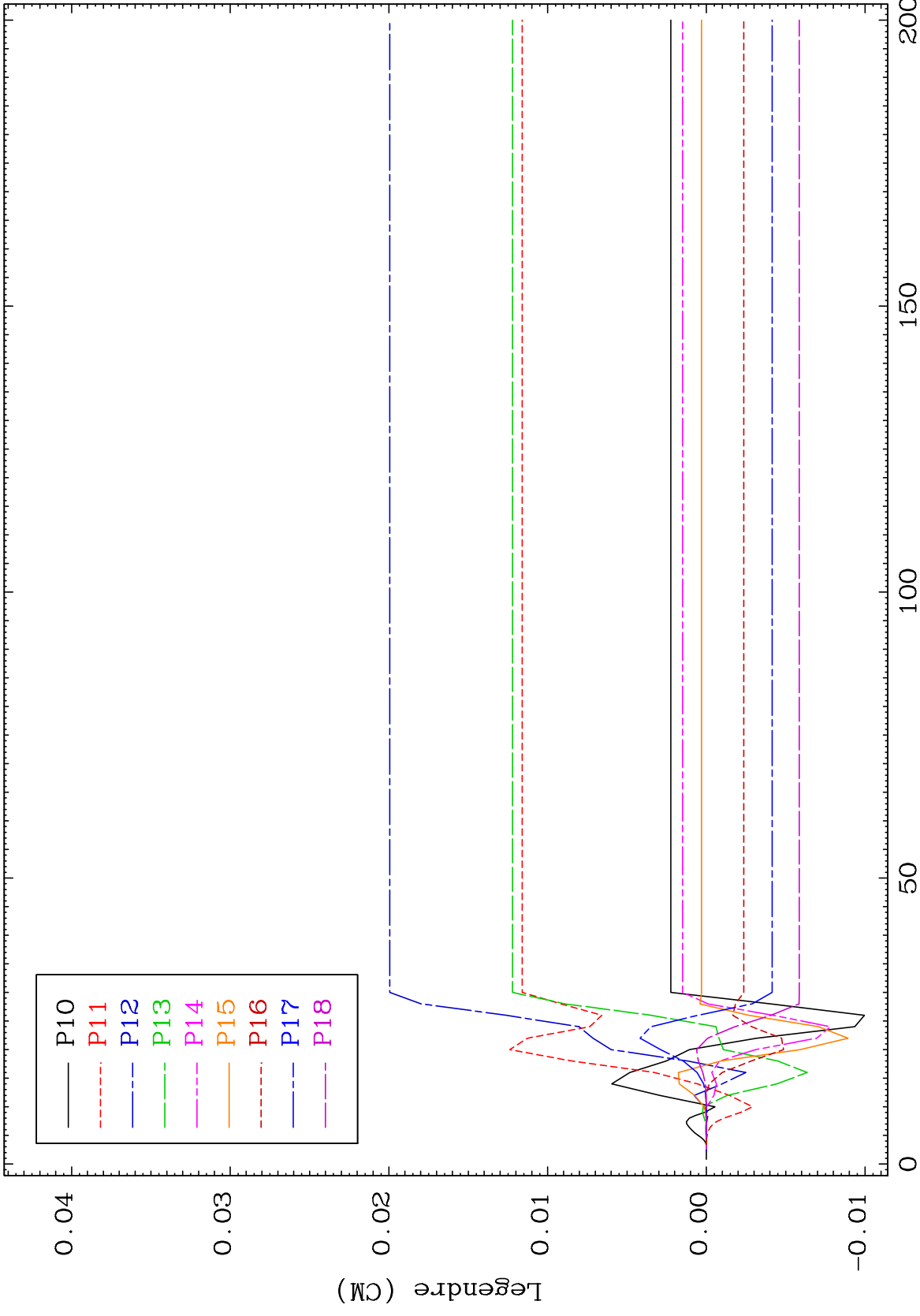
Incident Energy (MeV)

68-Er-172

MAT 6855

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

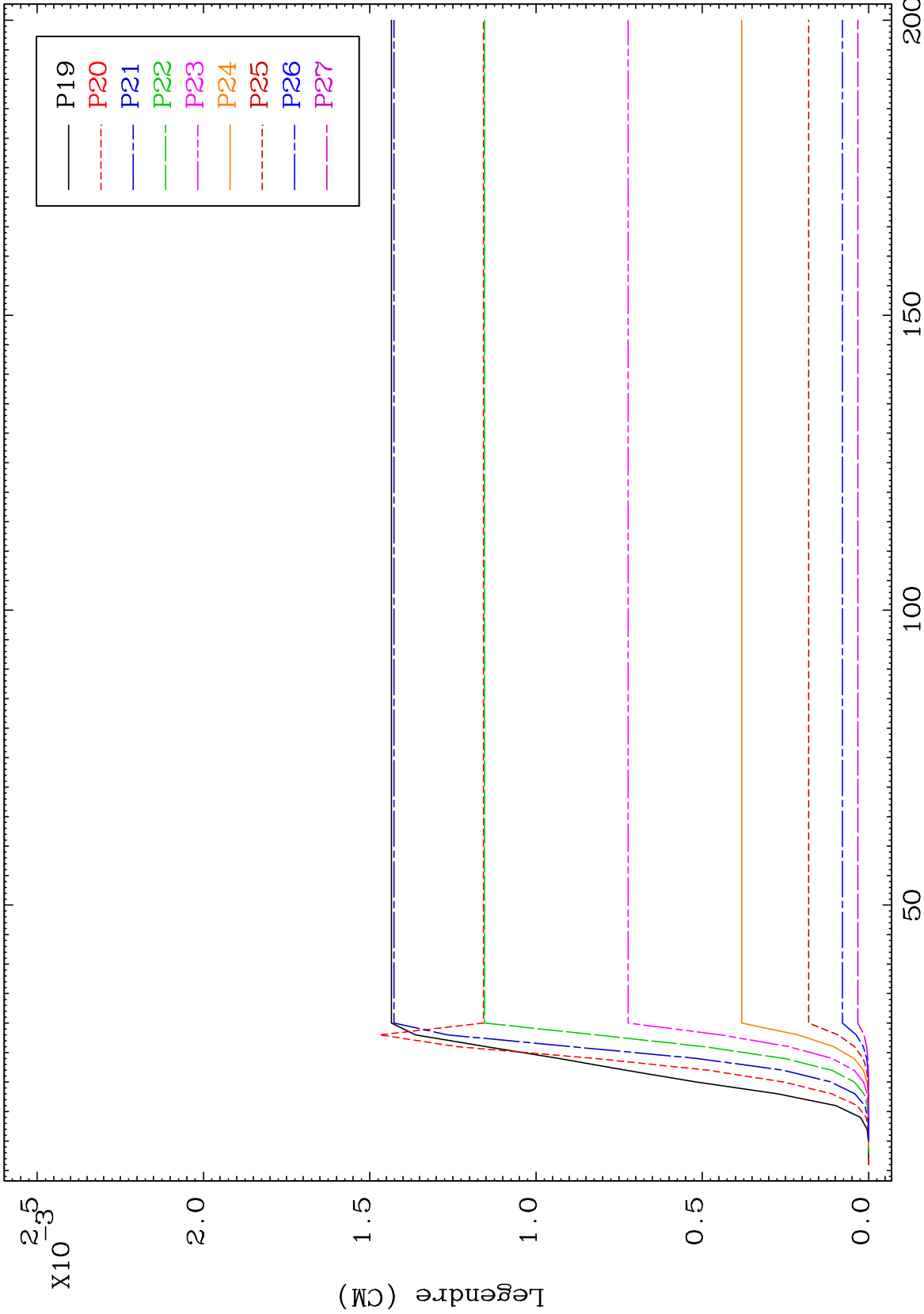
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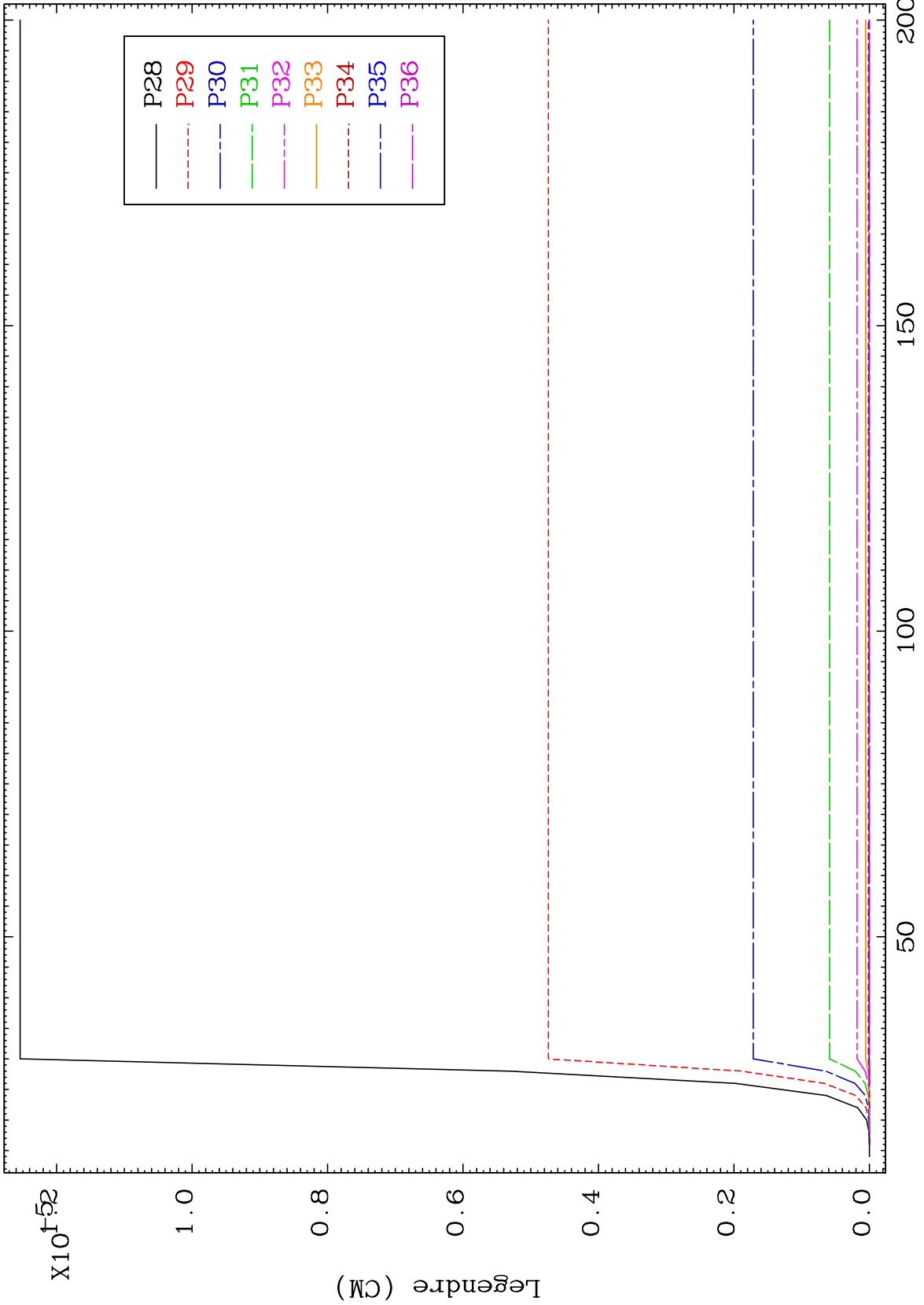


25

Incident Energy (MeV)

68-Er-172

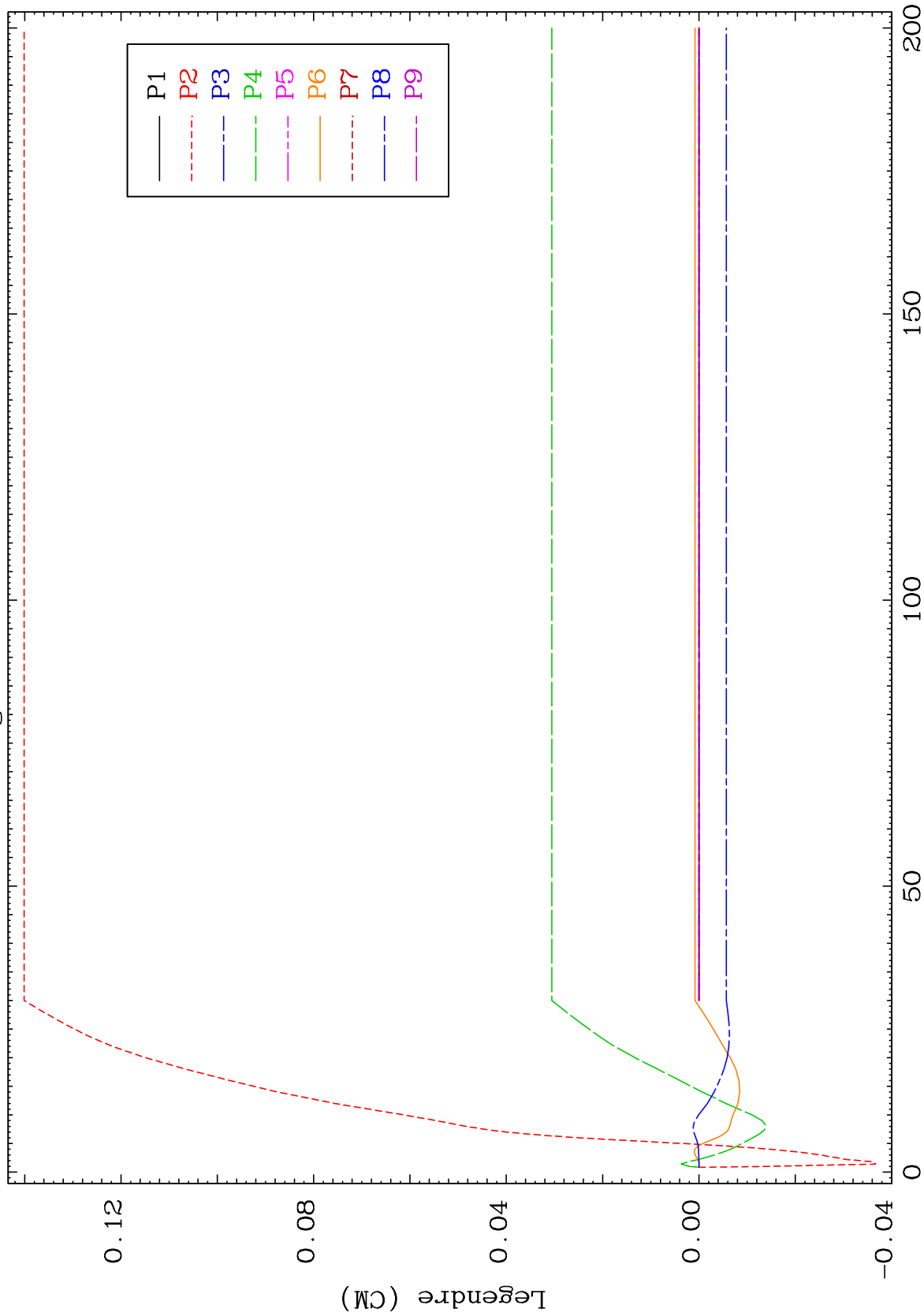




MAT 6855

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

68-Er-172



28

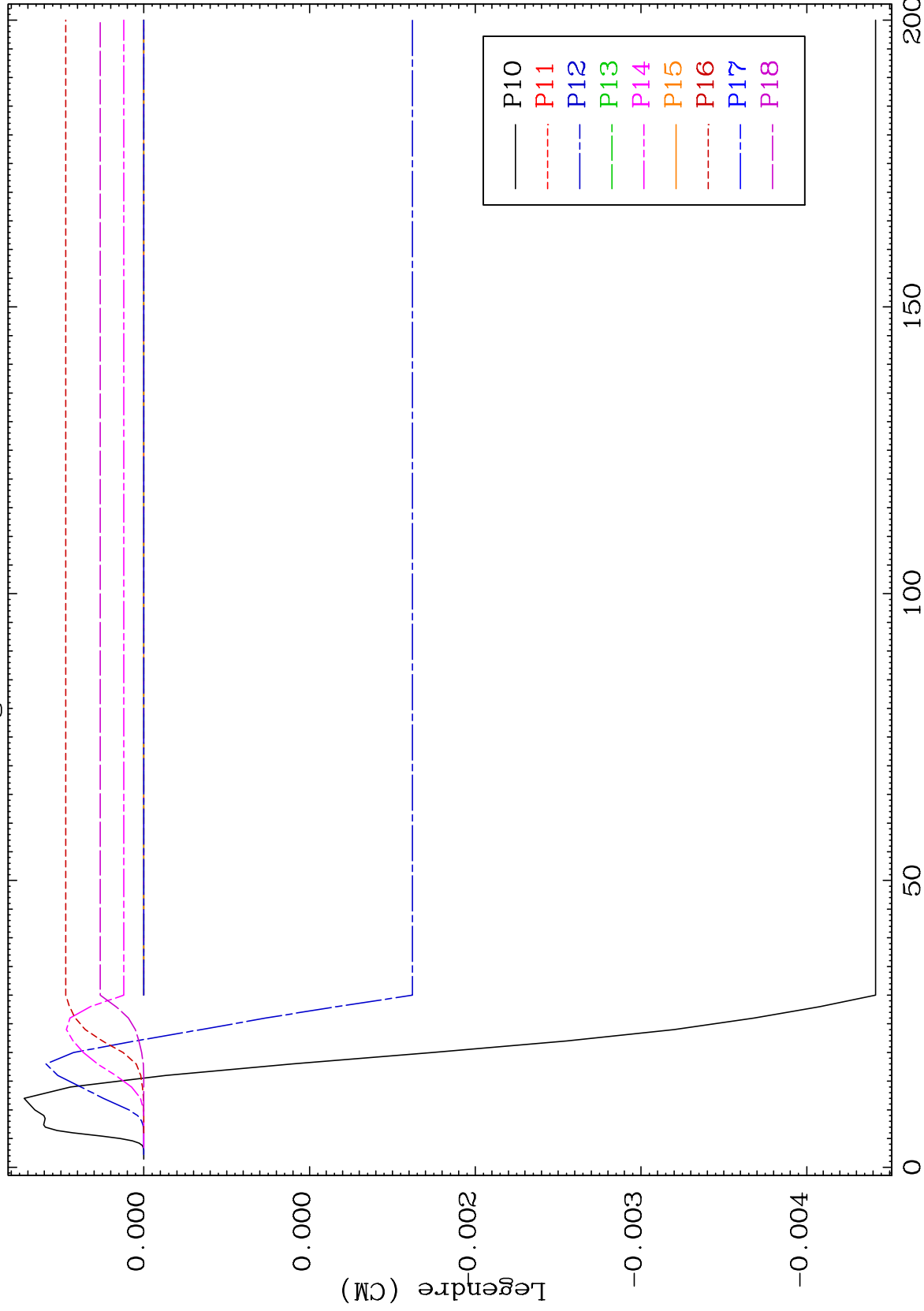
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172

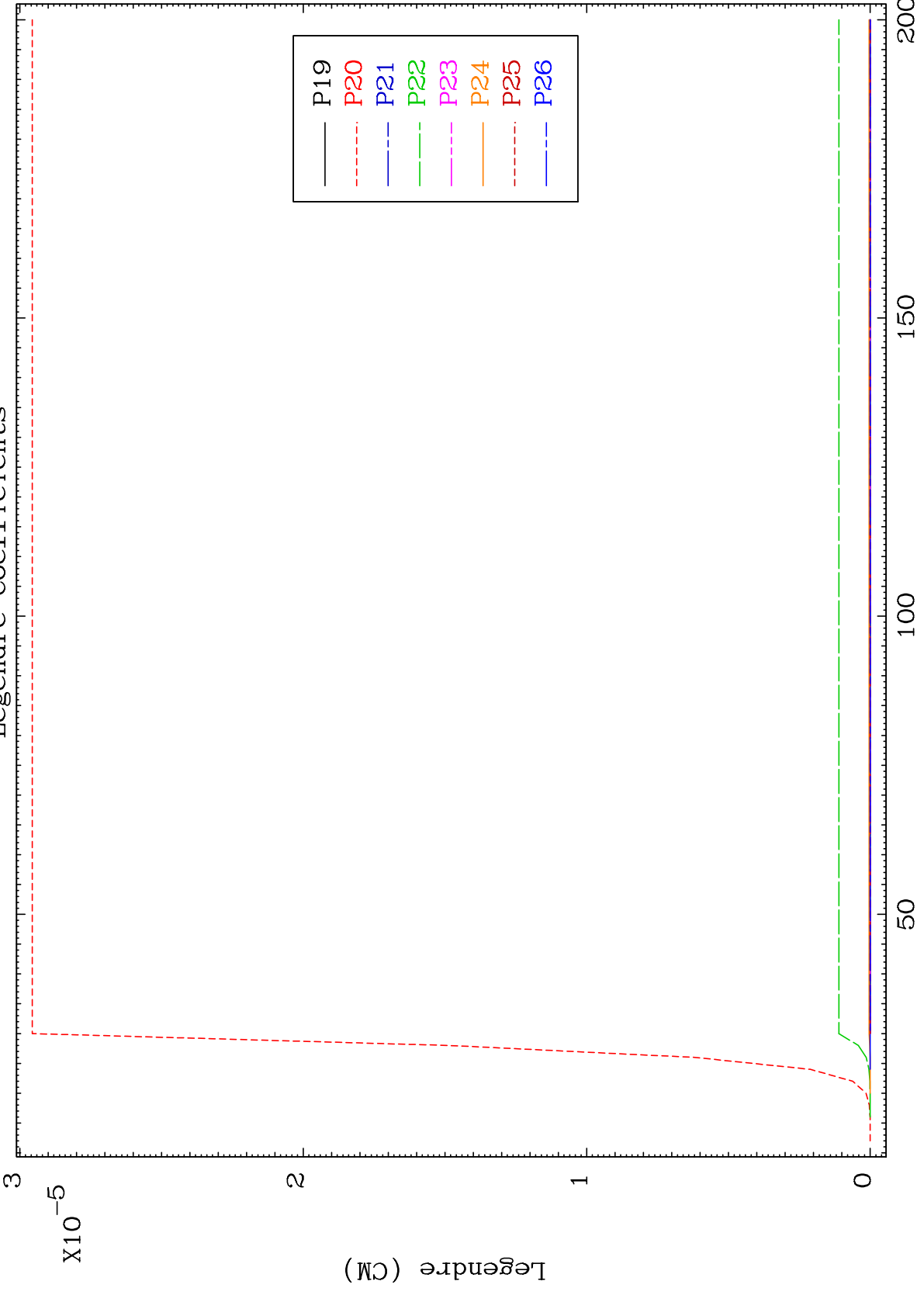


29

Incident Energy (MeV)

68-Er-172

MAT 6855 MT= 53 (n,n') Level Legendre Coefficients 68-Er-172

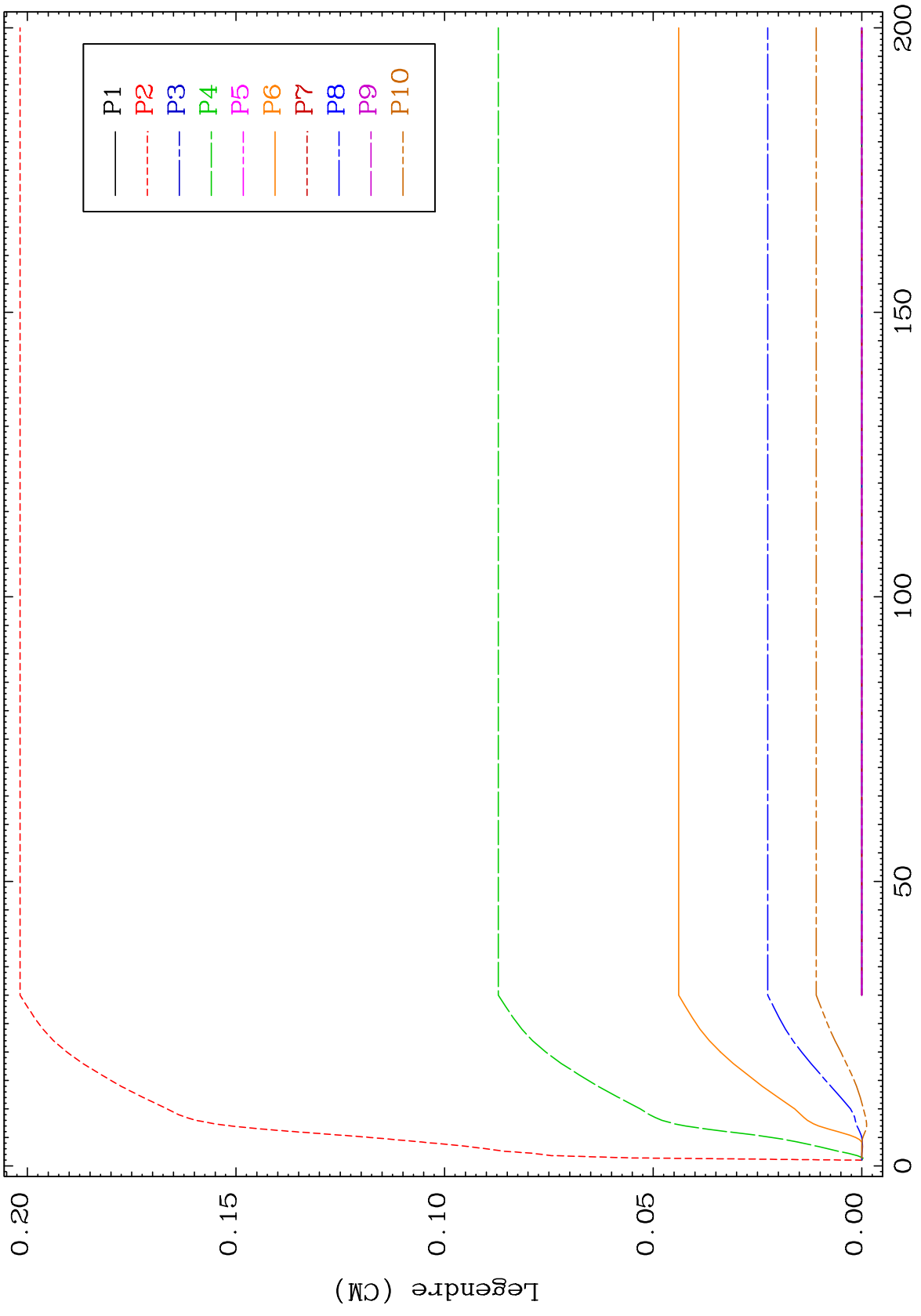


68-Er-172

MAT 6855

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

68-Er-172



31

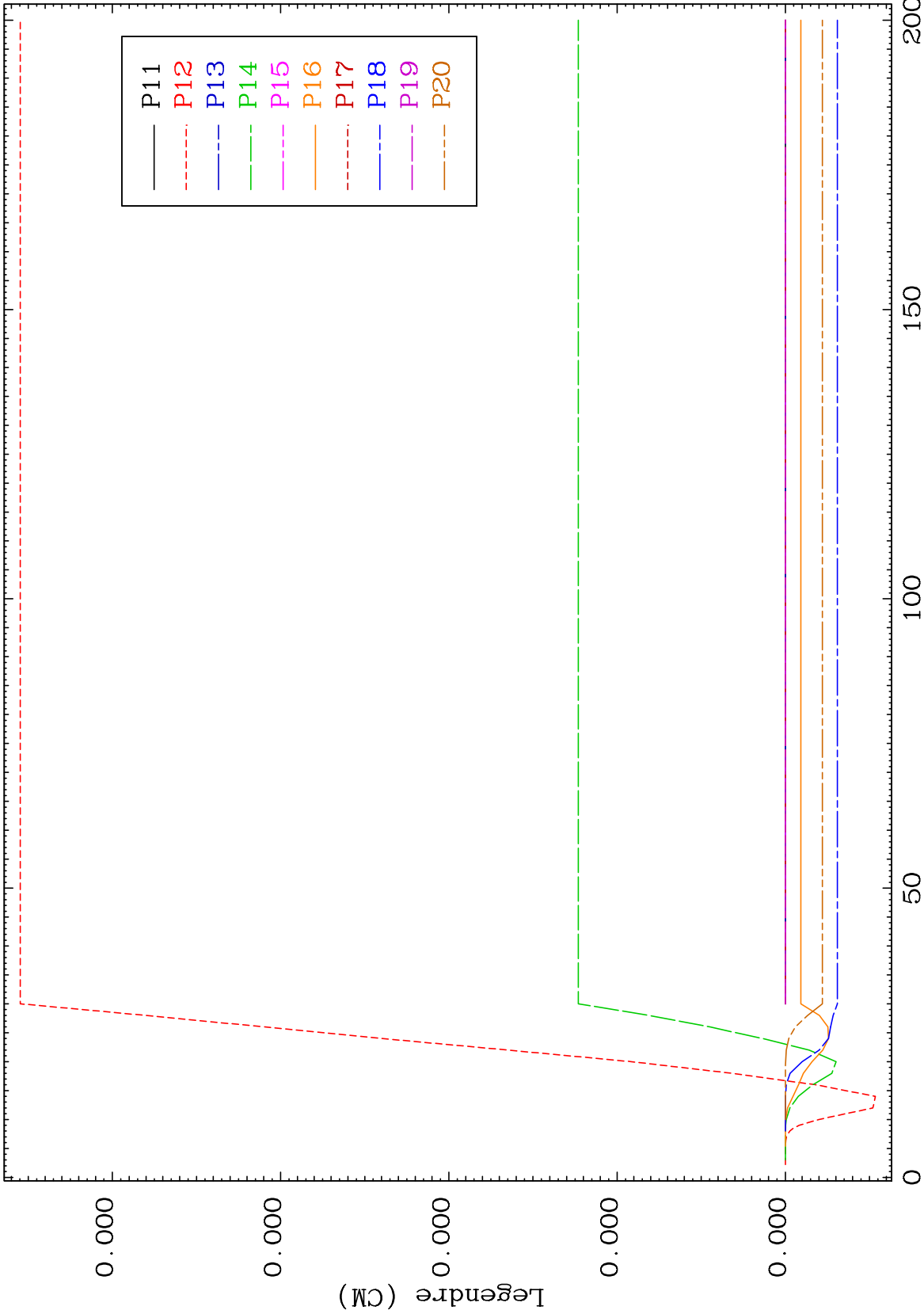
68-Er-172



MAT 6855

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

68-Er-172



32

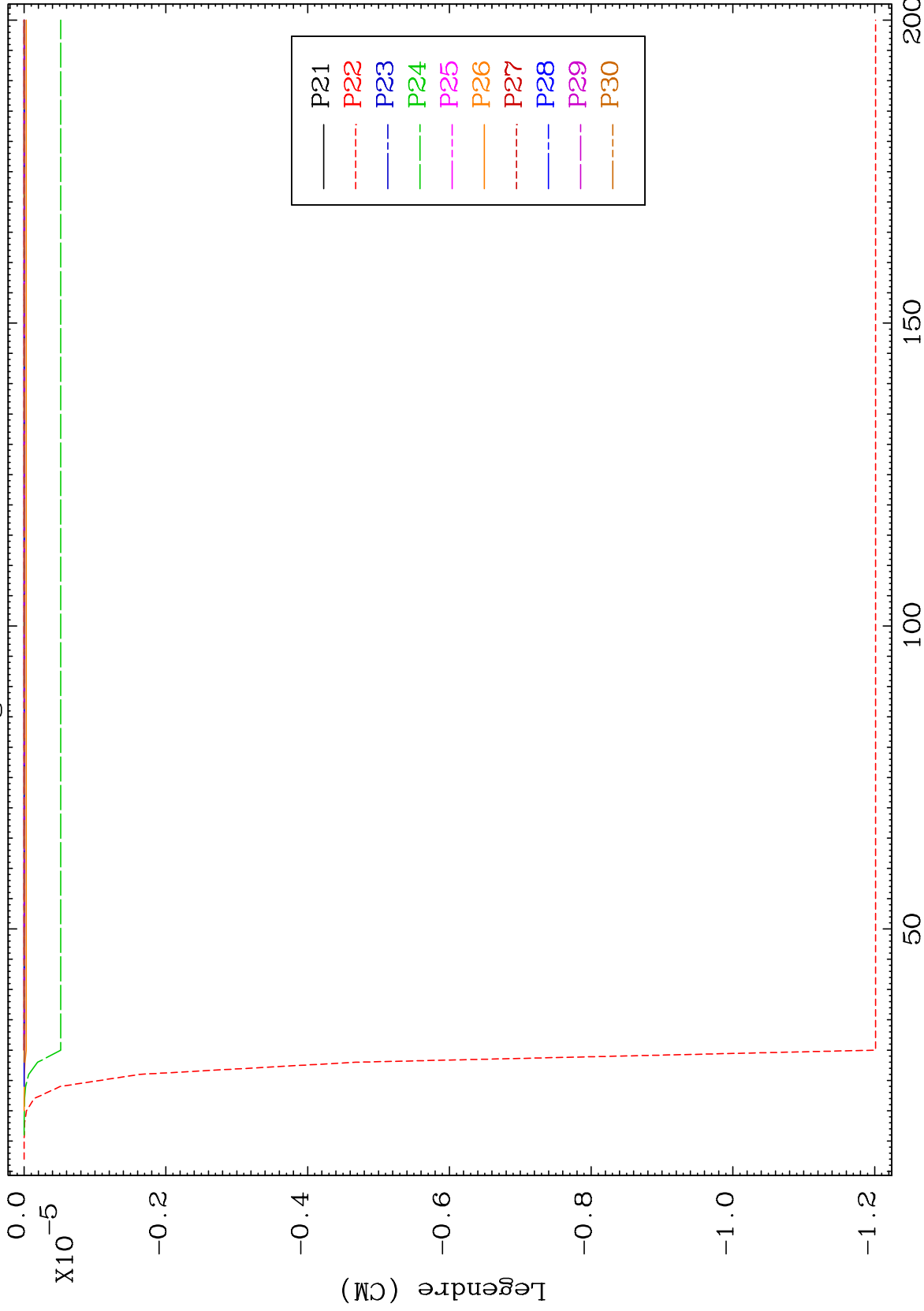
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



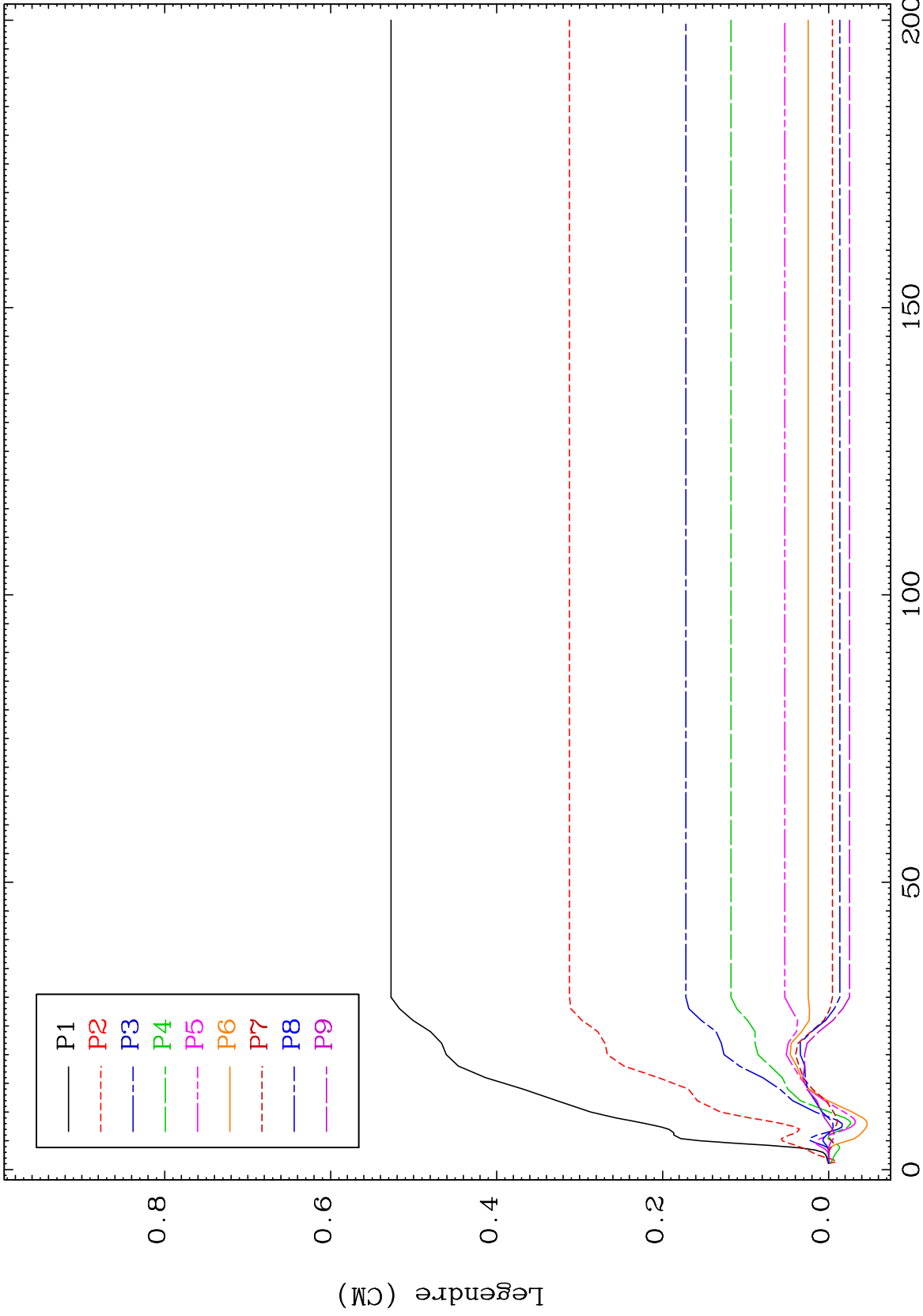
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68-Er-172

MAT 6855

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

68-Er-172



34

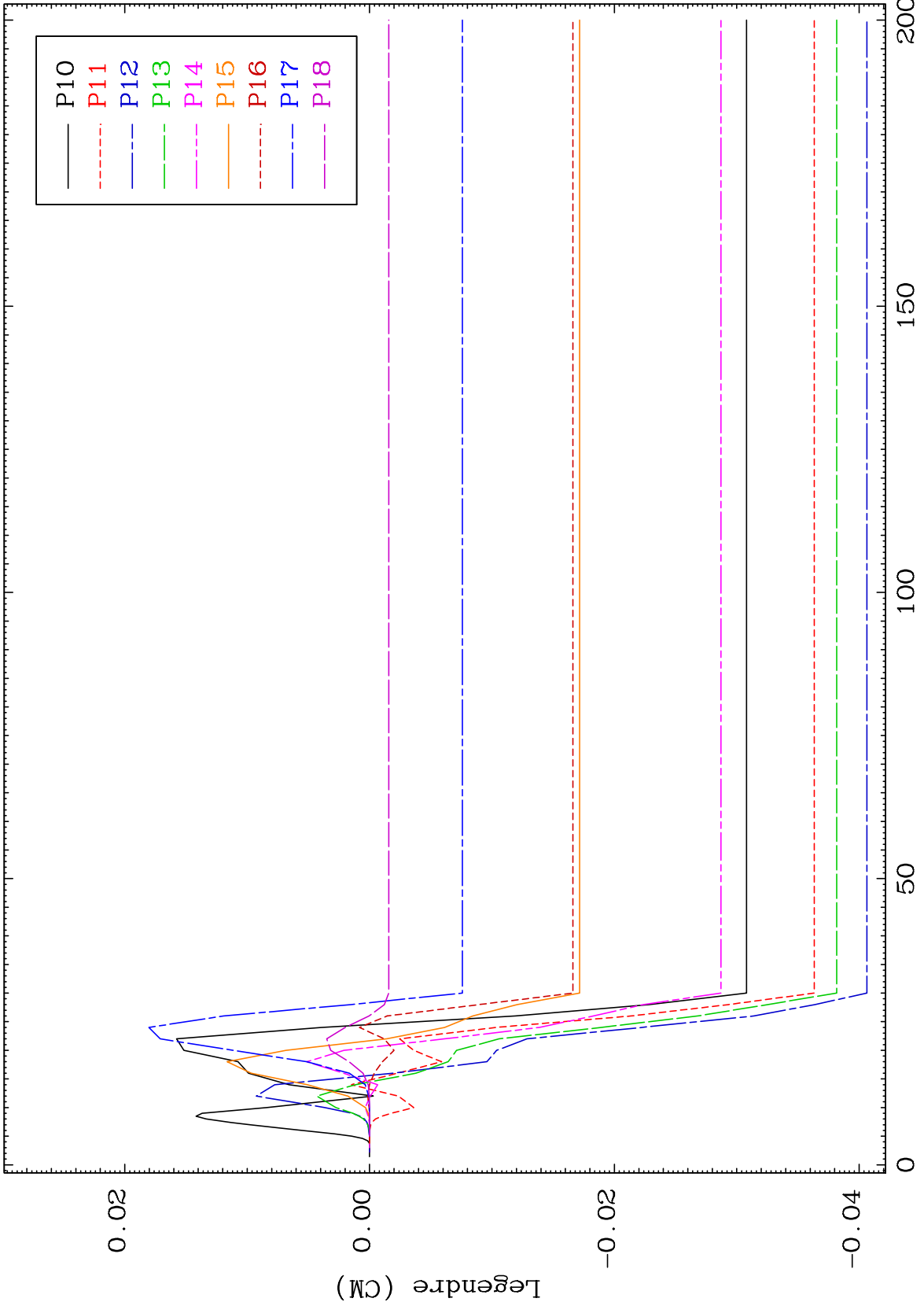
Incident Energy (MeV)

68-Er-172

MAT 6855

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

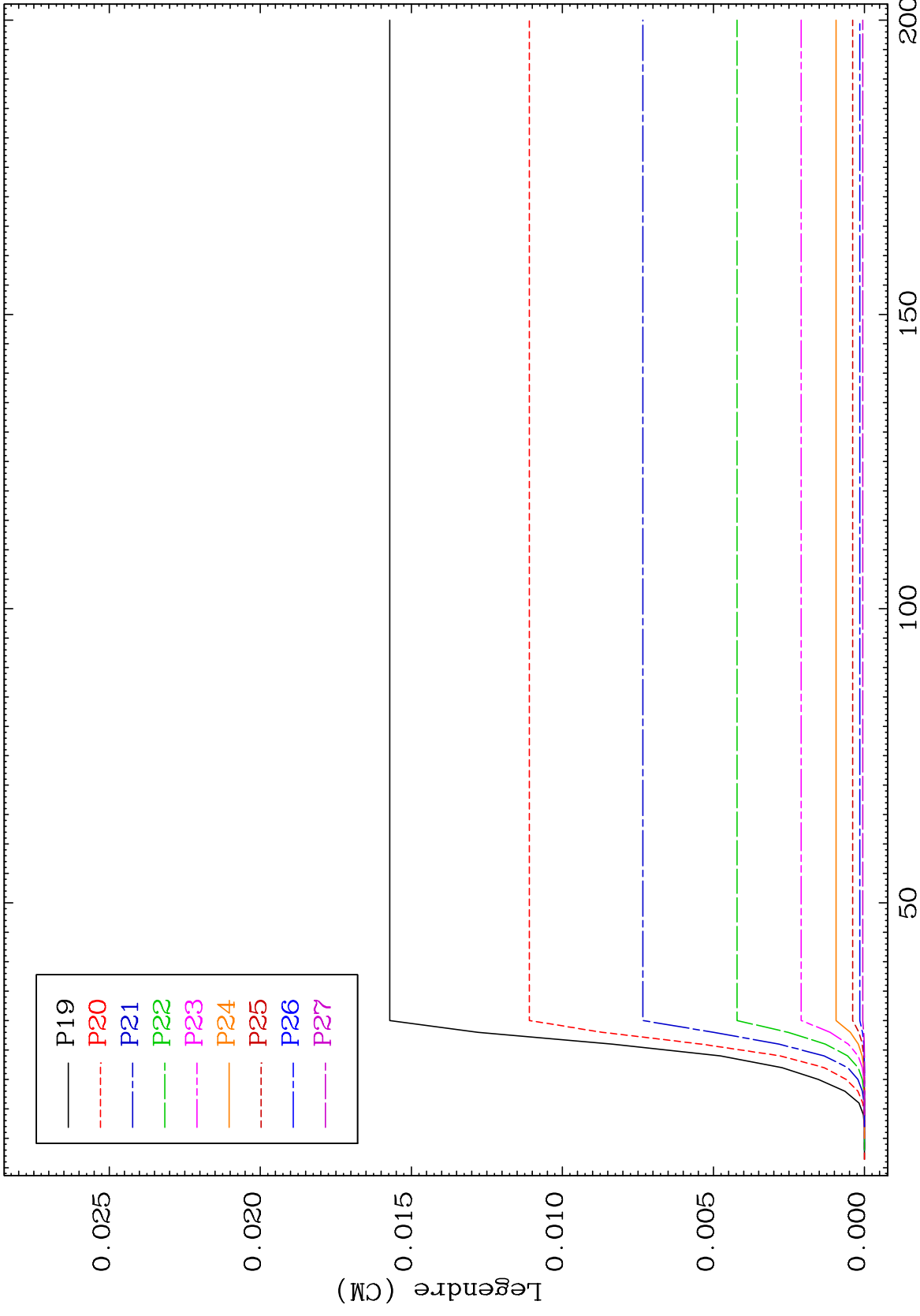
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35

Incident Energy (MeV)

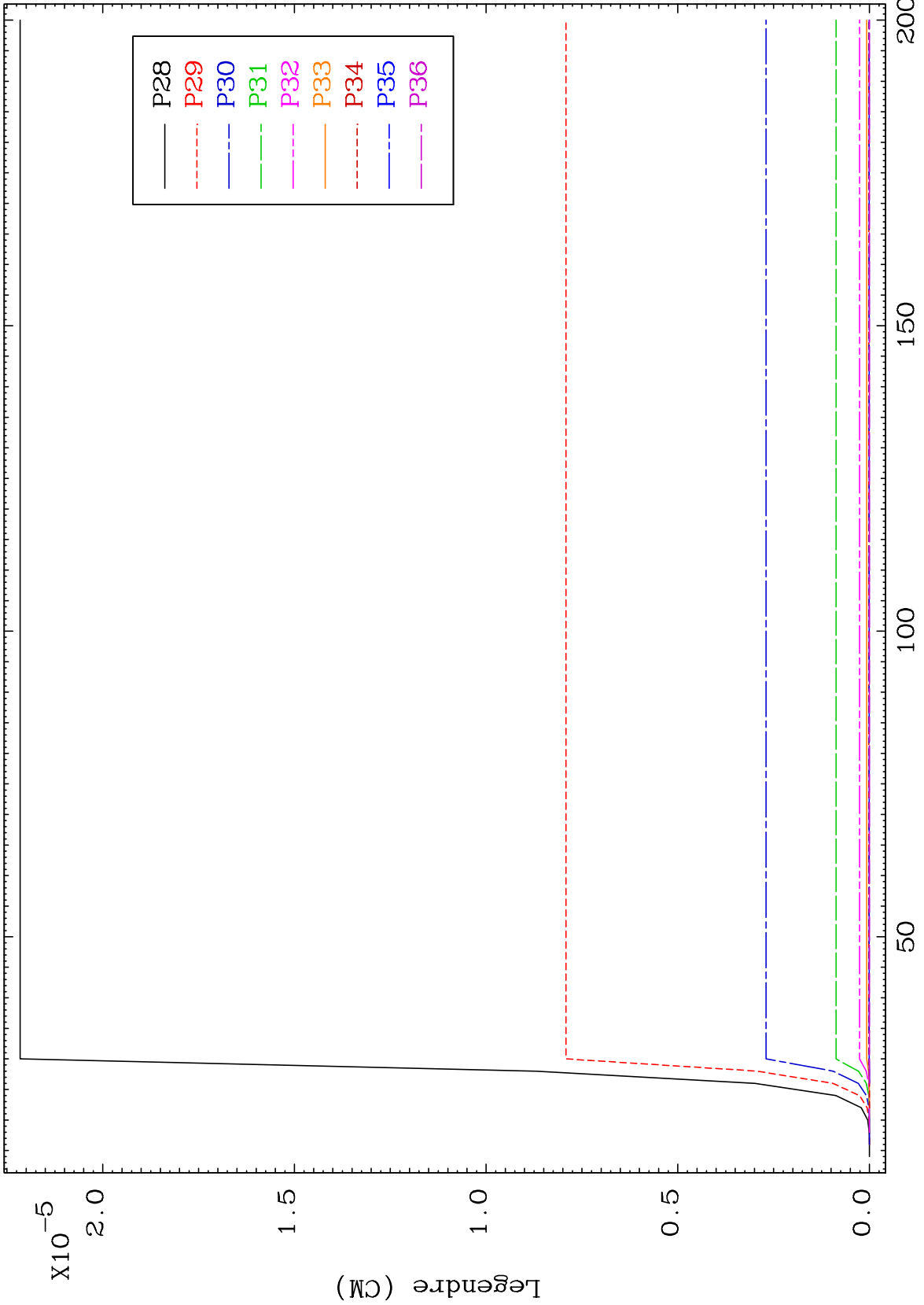
68-Er-172



MAT 6855

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

68-Er-172



37

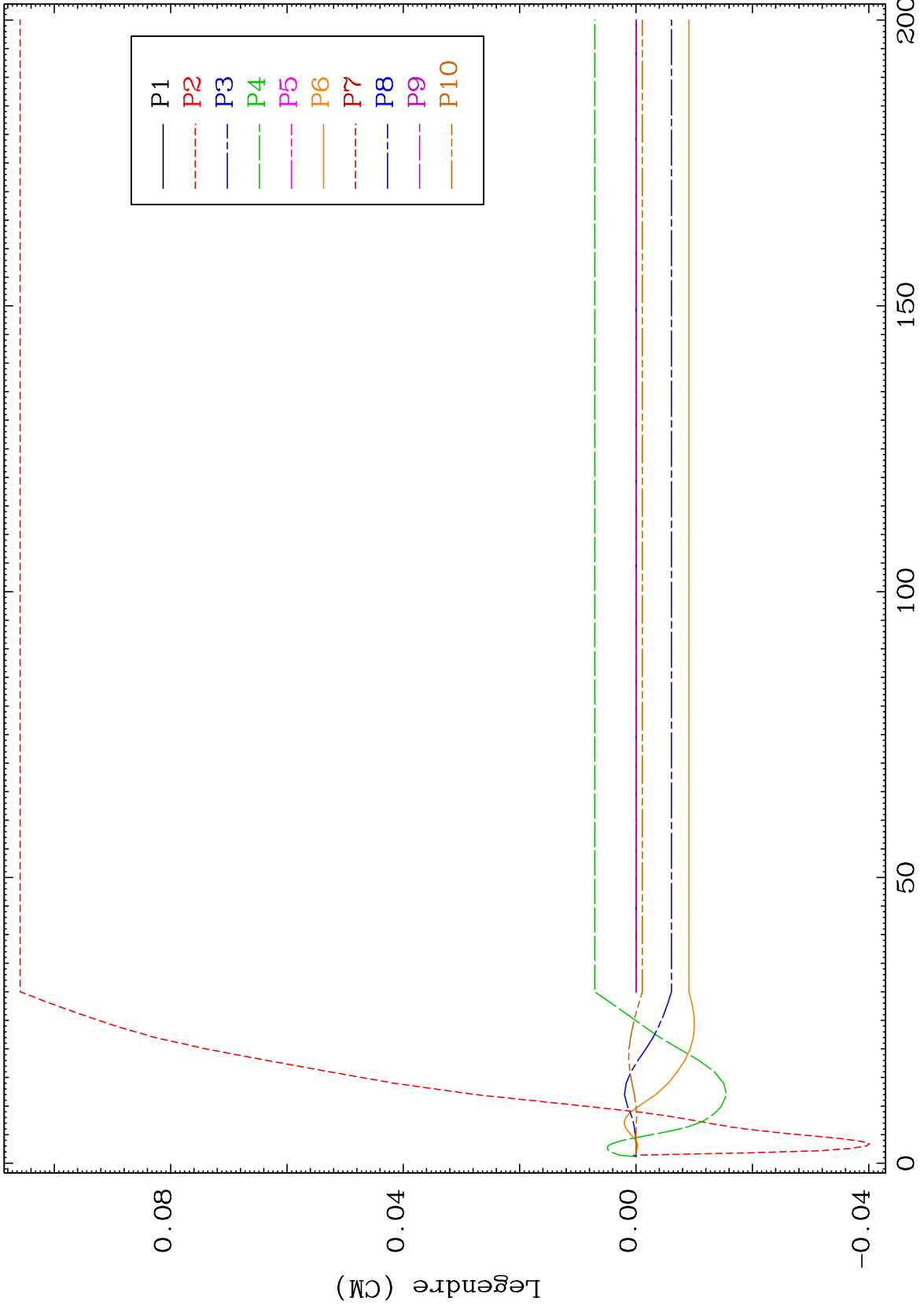
Incident Energy (MeV)

68-Er-172

MAT 6855

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

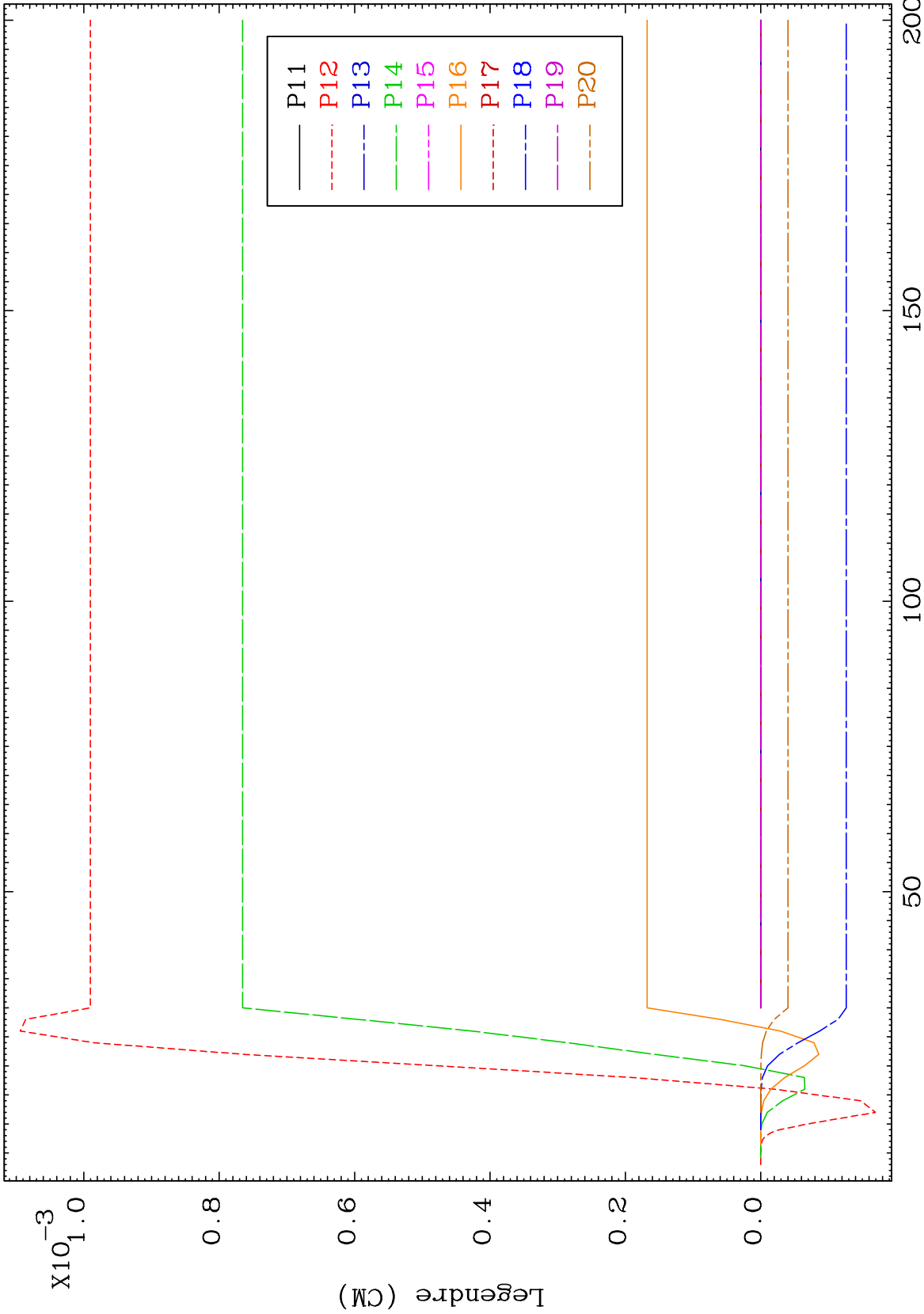
68-Er-172



38

Incident Energy (MeV)

68-Er-172

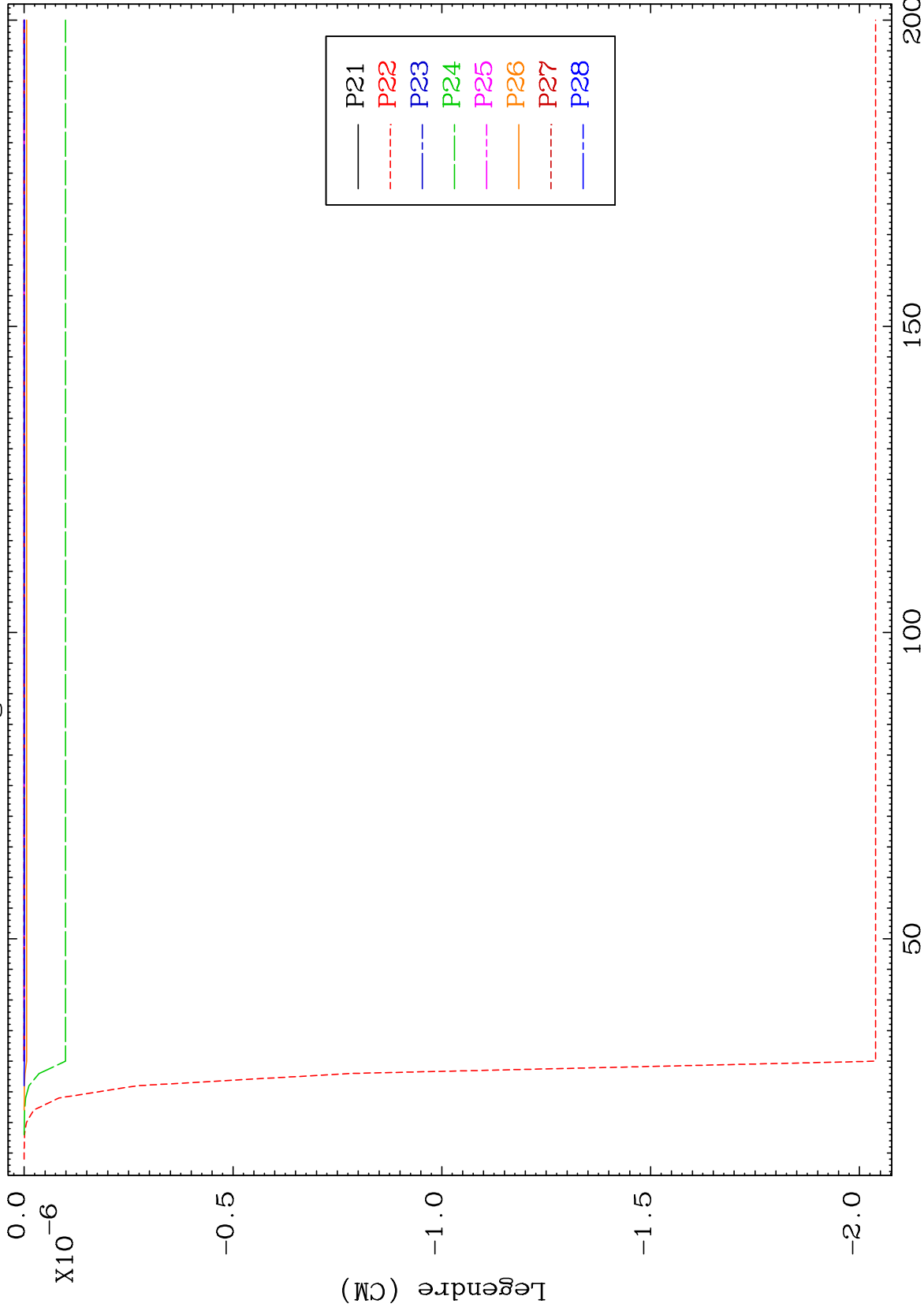




MAT 6855

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

68-Er-172



68-Er-172

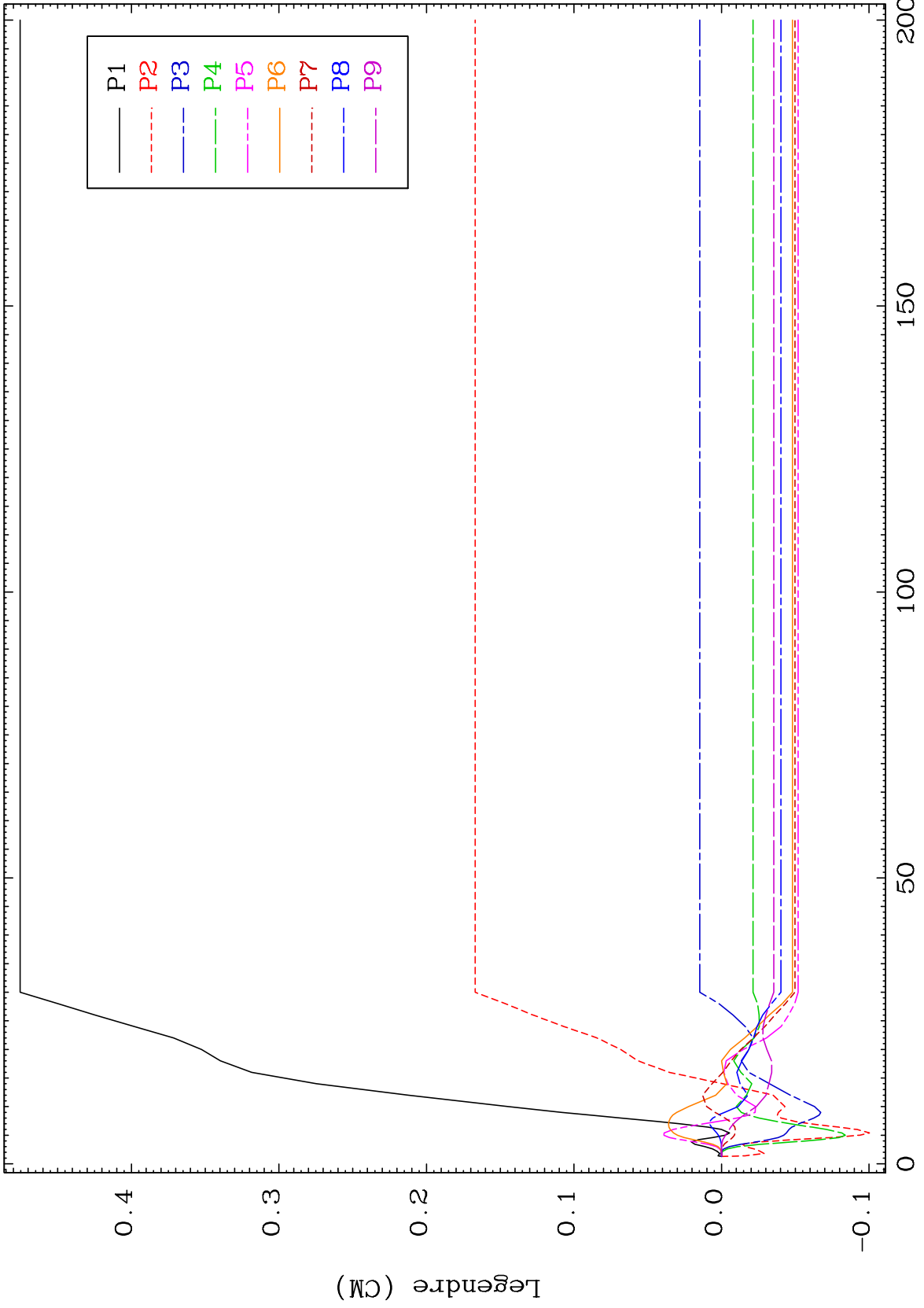
Incident Energy (MeV)

40

MAT 6855

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

68-Er-172



41

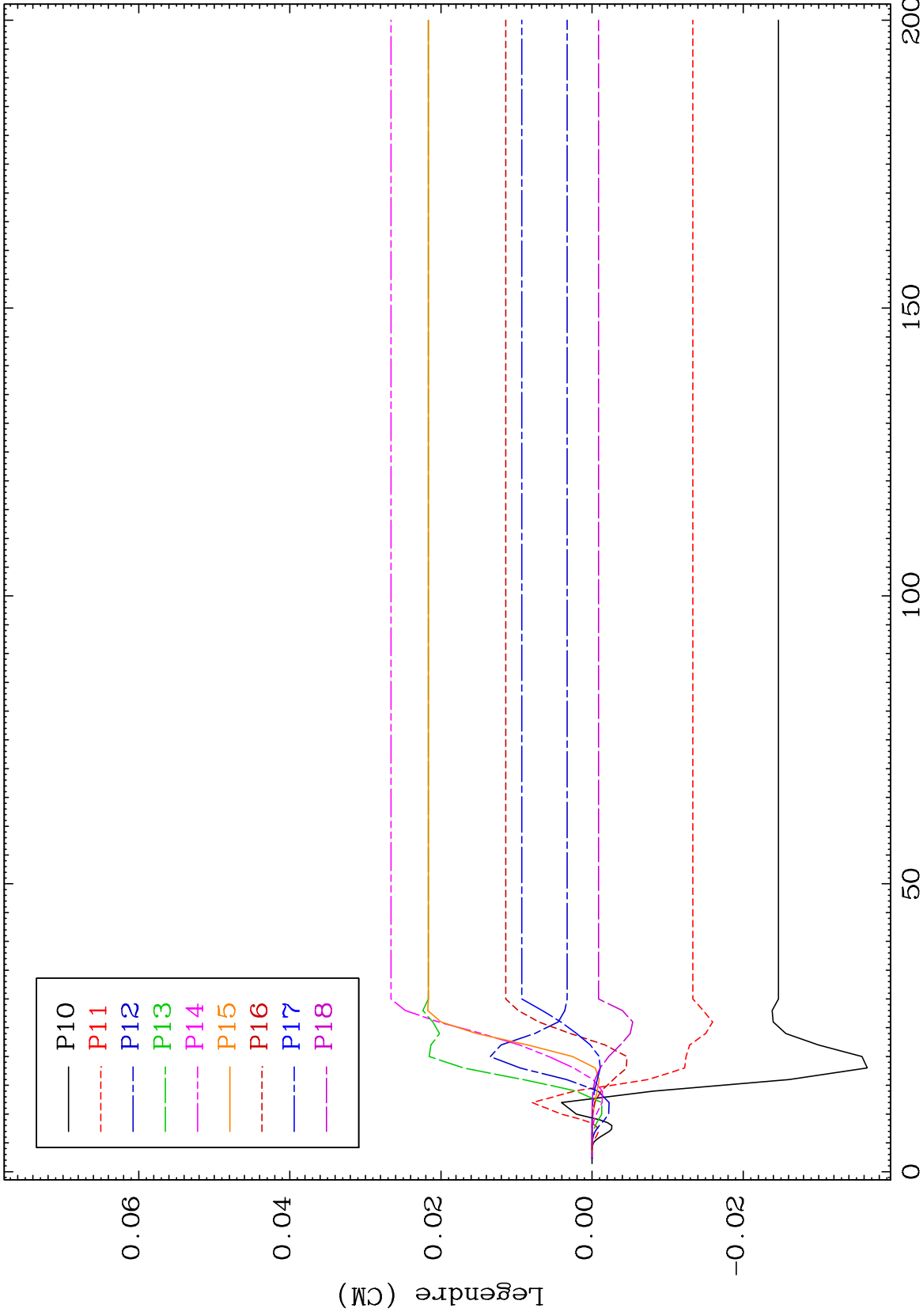
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



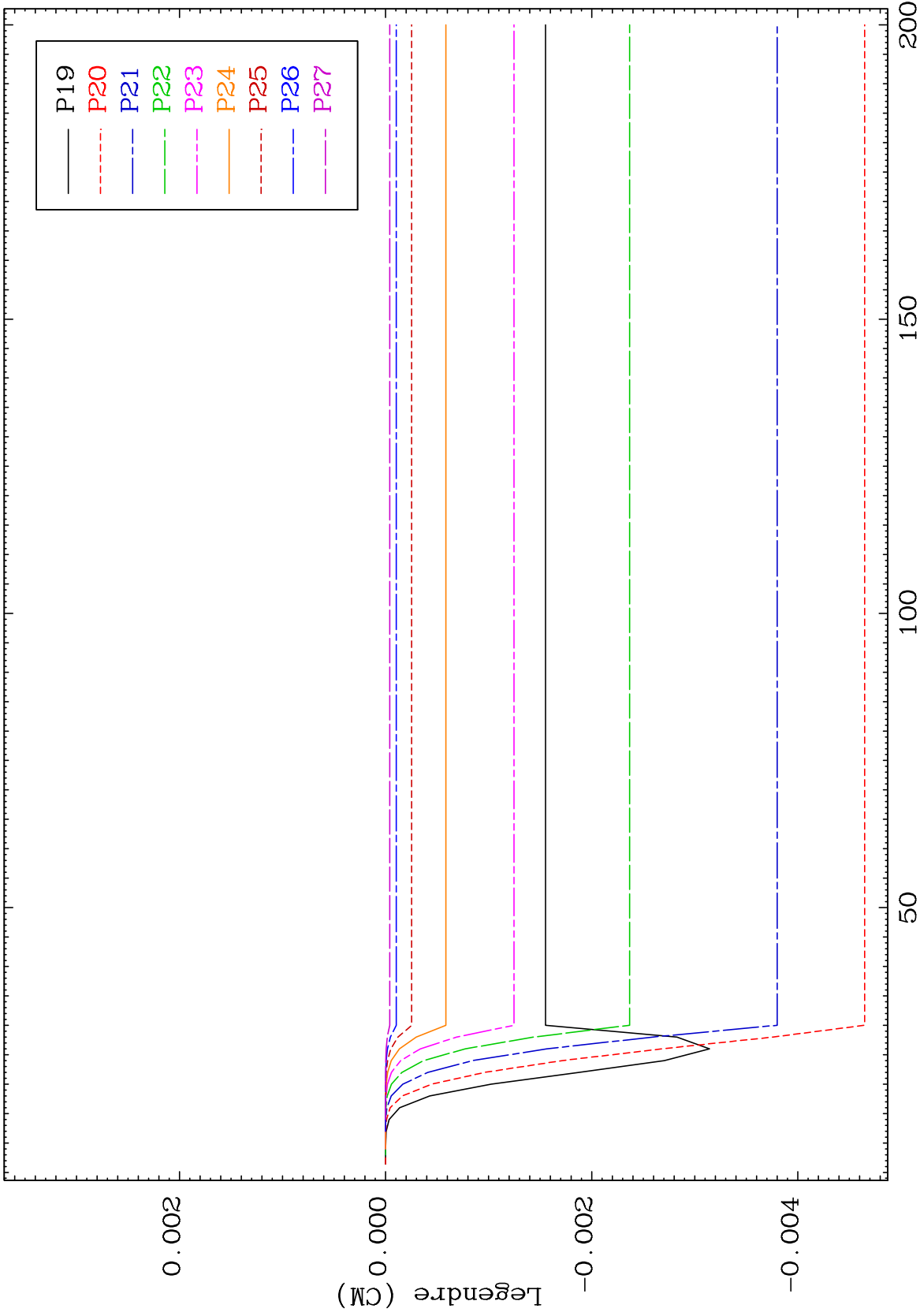
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68-Er-172

MAT 6855

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

68-Er-172



43

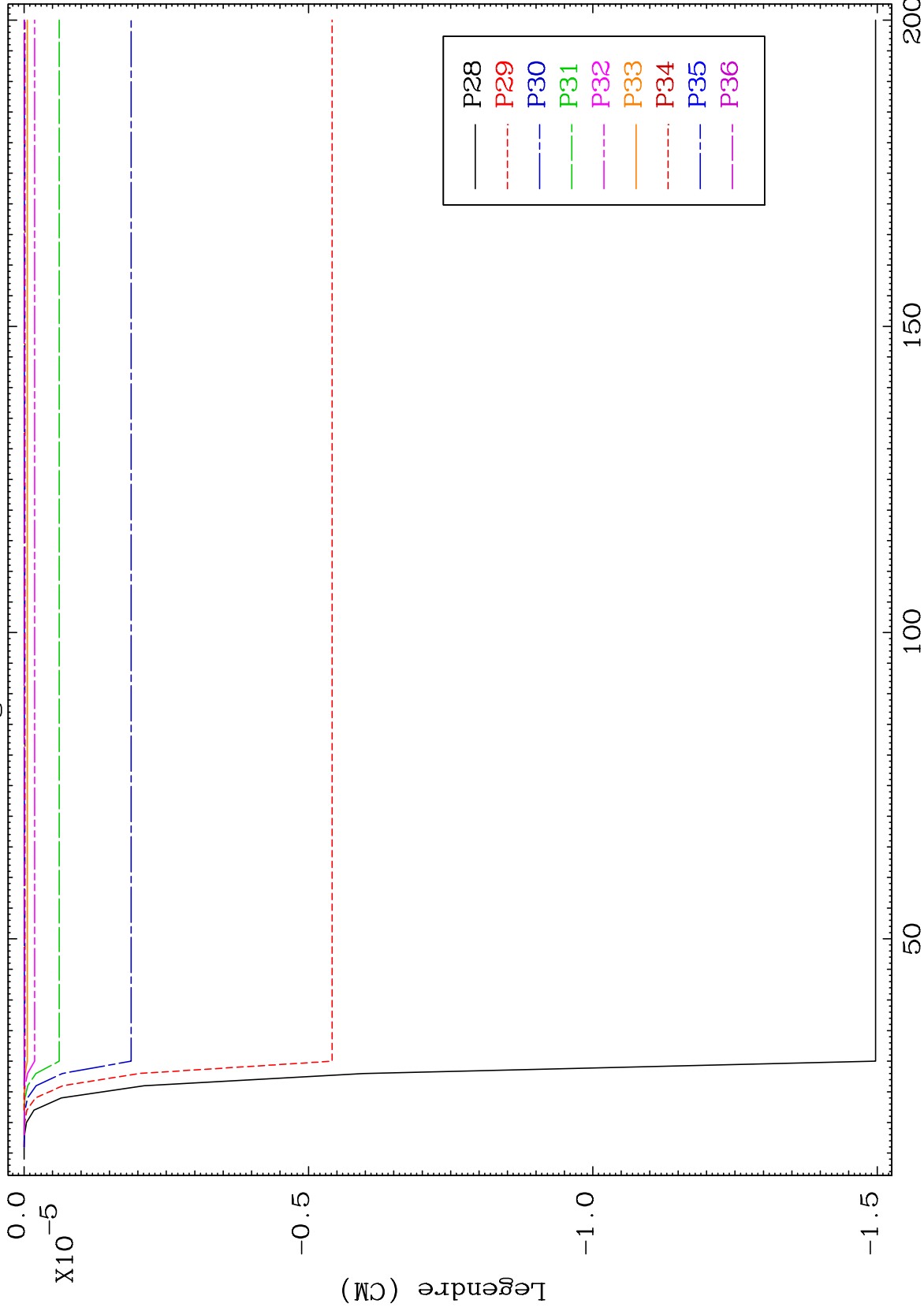
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



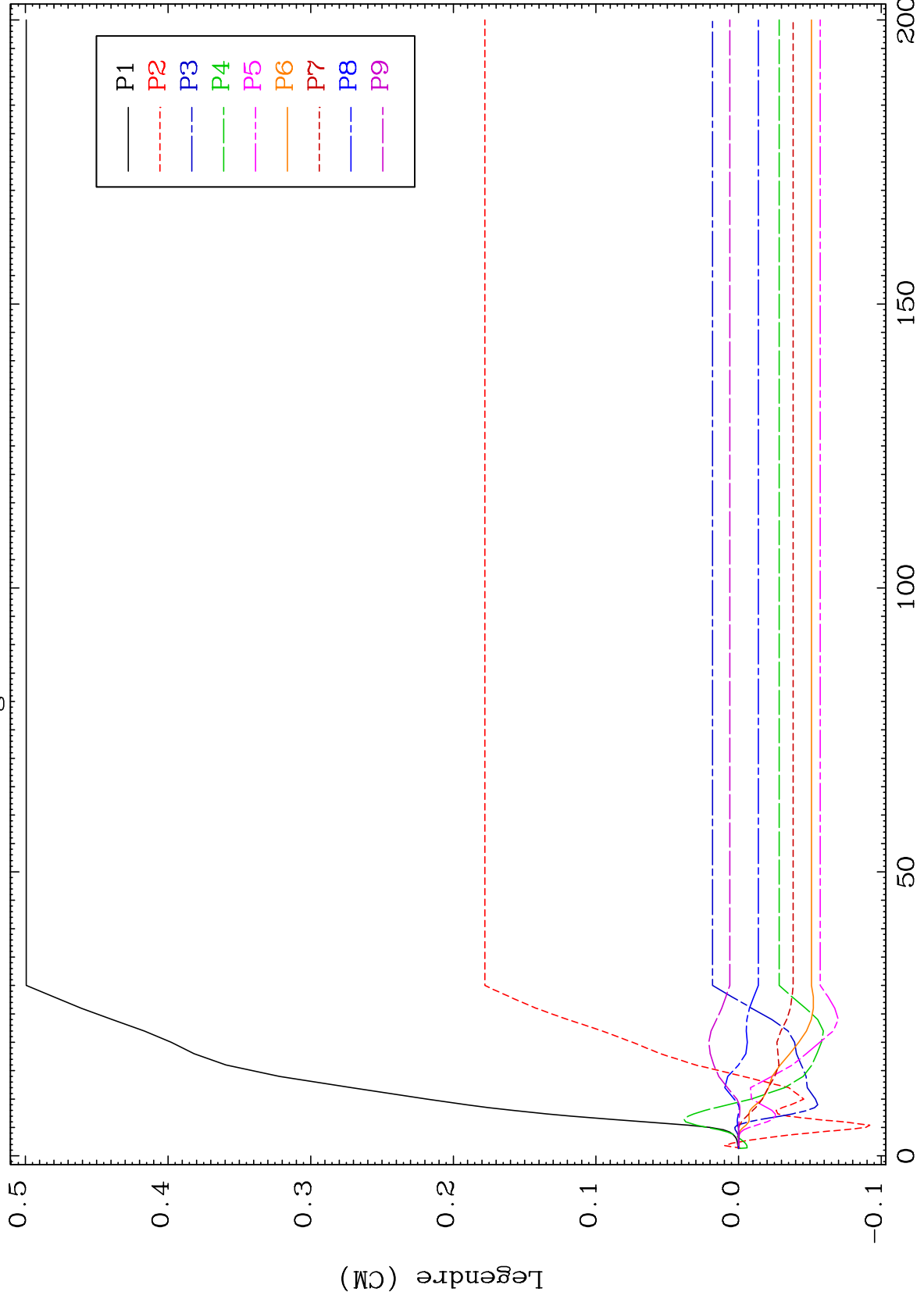
44

68-Er-172

MAT 6855

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

68-Er-172



45

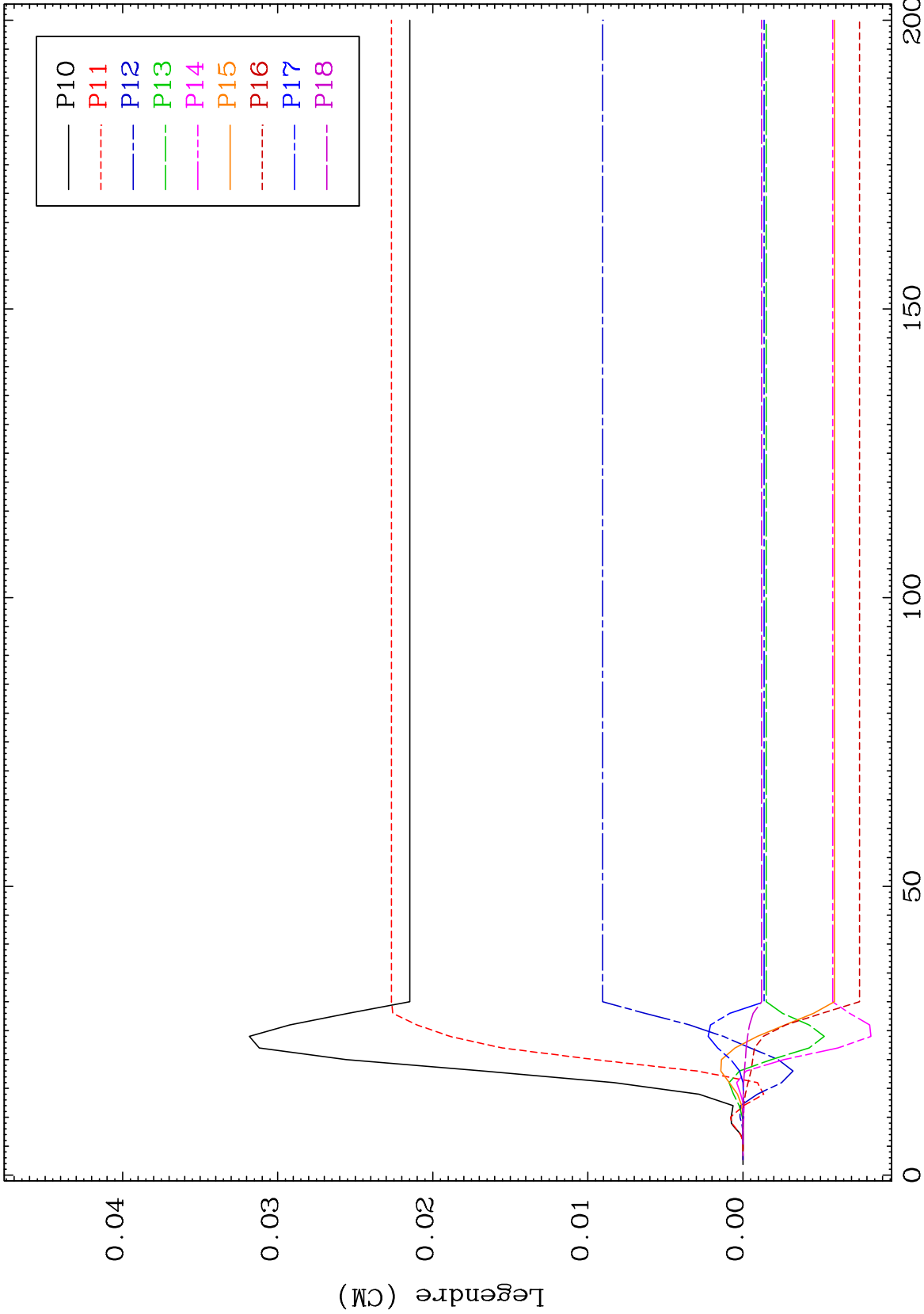
Incident Energy (MeV)

68-Er-172

MAT 6855

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

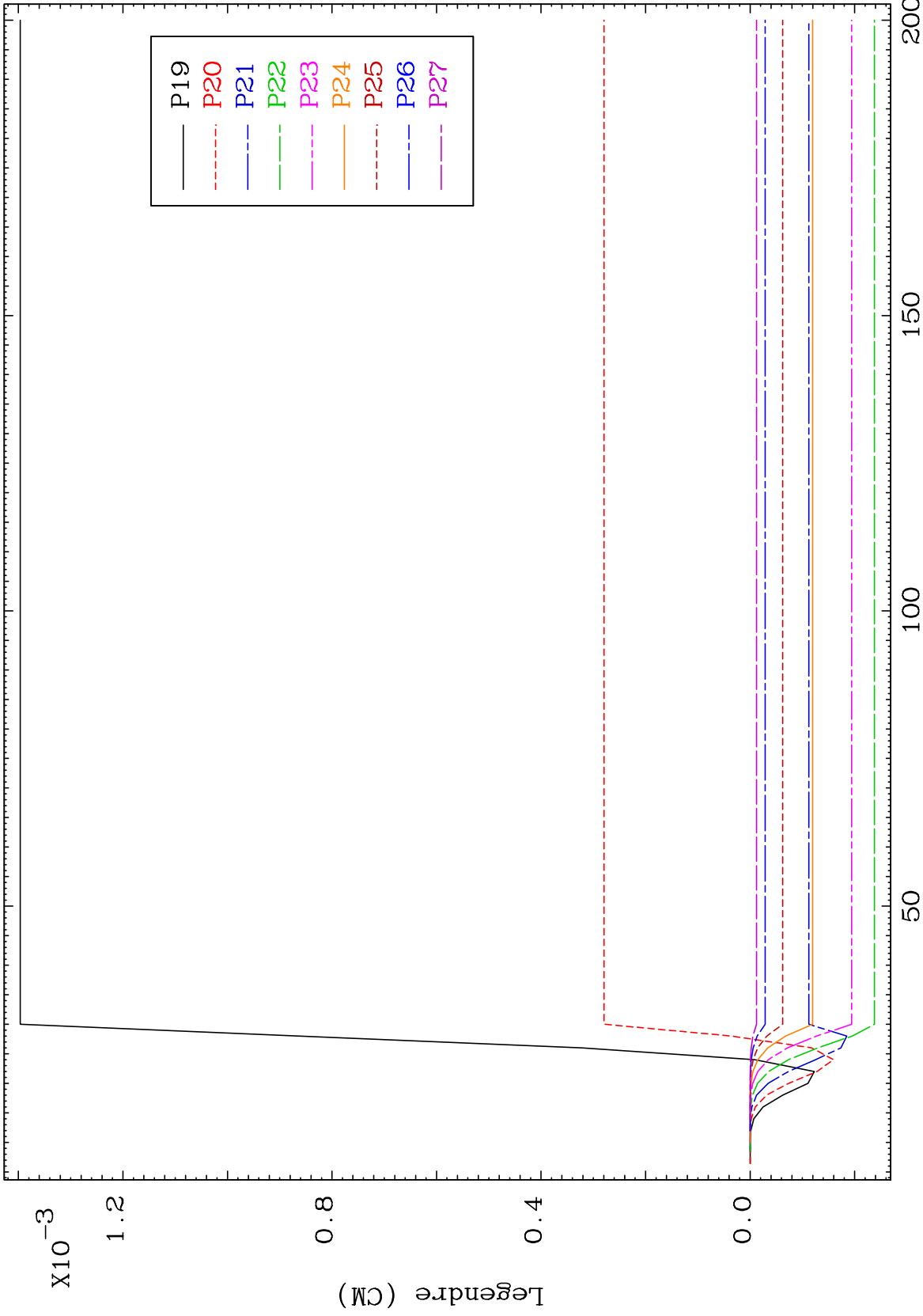
68-Er-172



46

Incident Energy (MeV)

68-Er-172

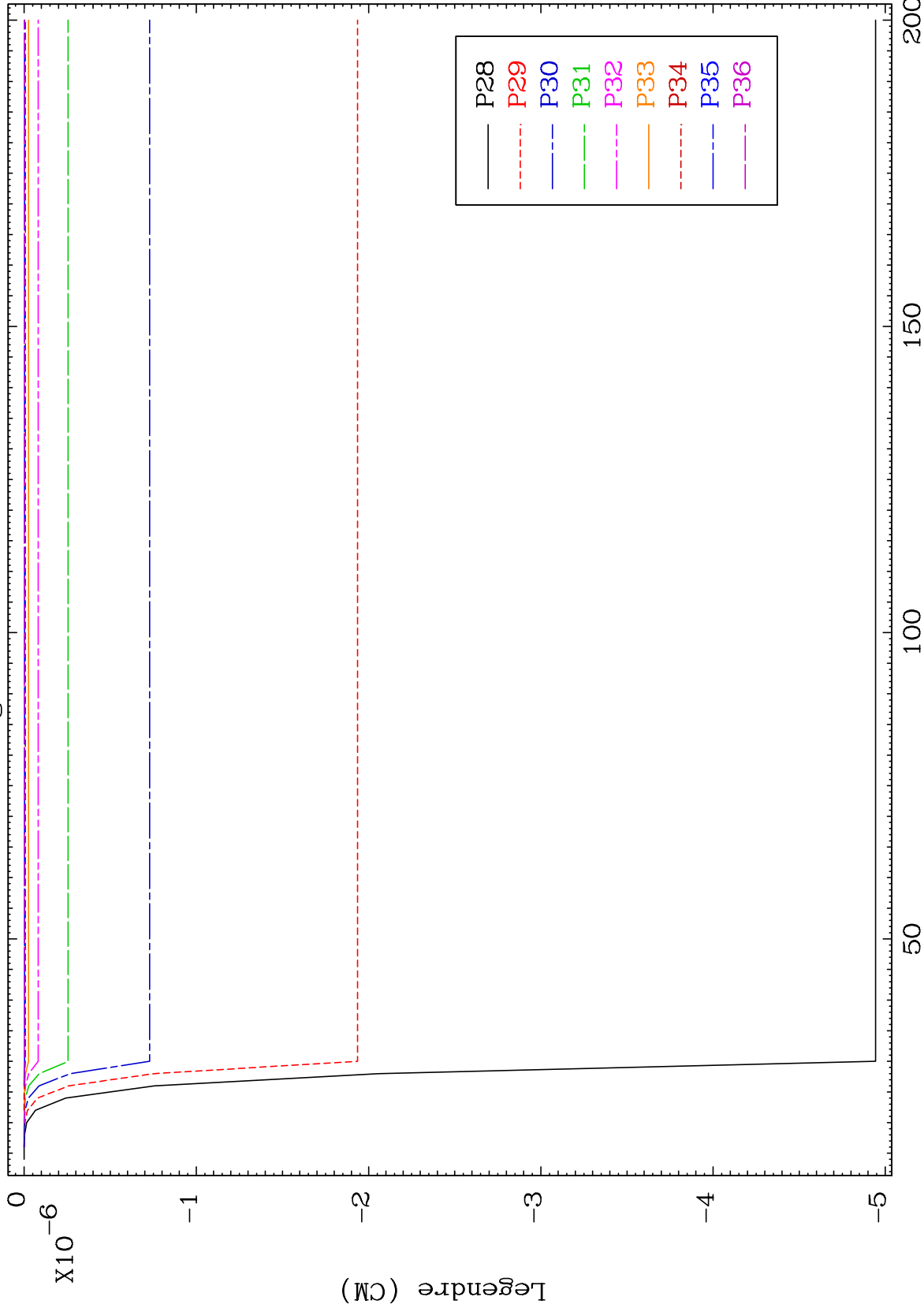




MAT 6855

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

68-Er-172



48

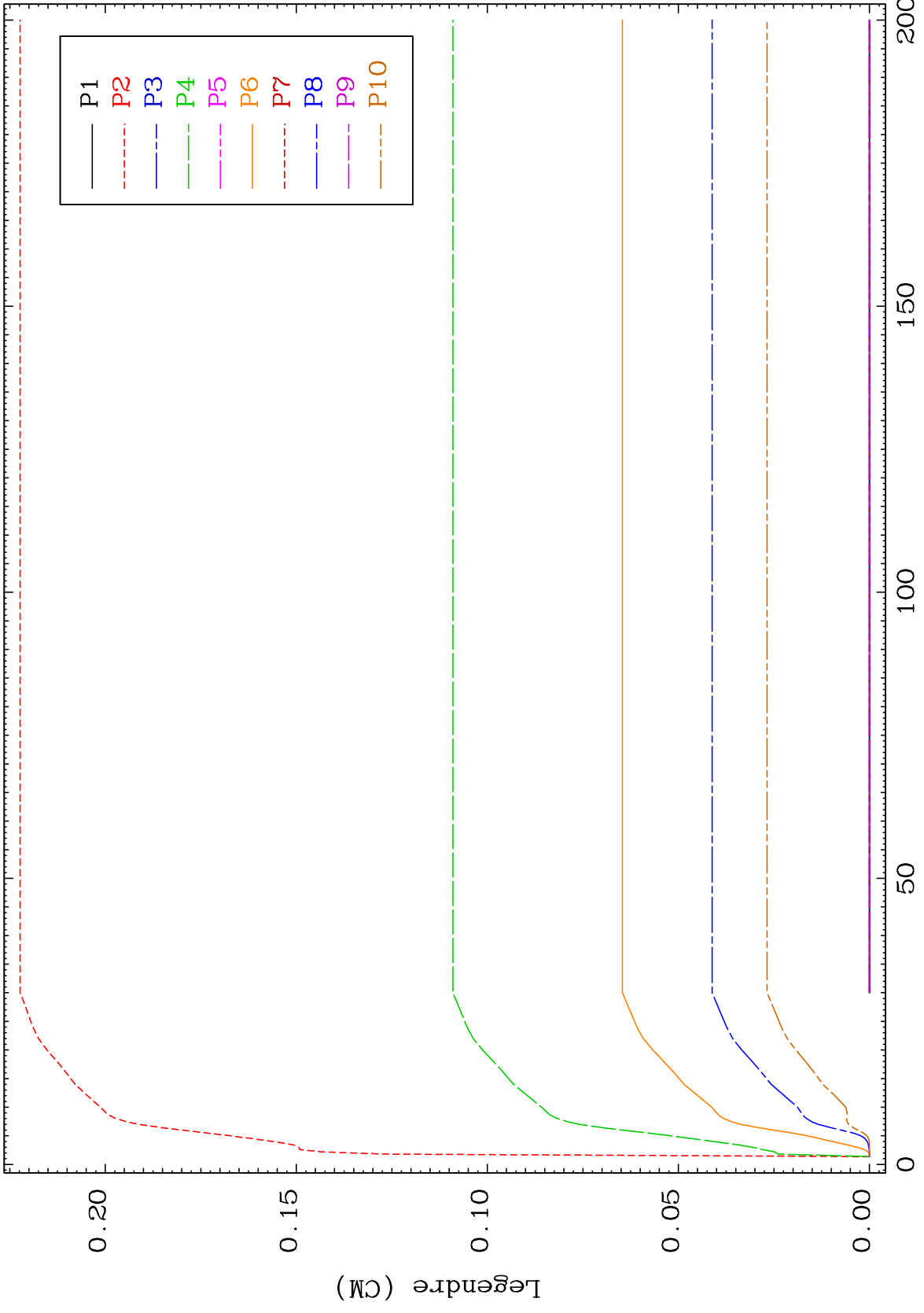
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



49

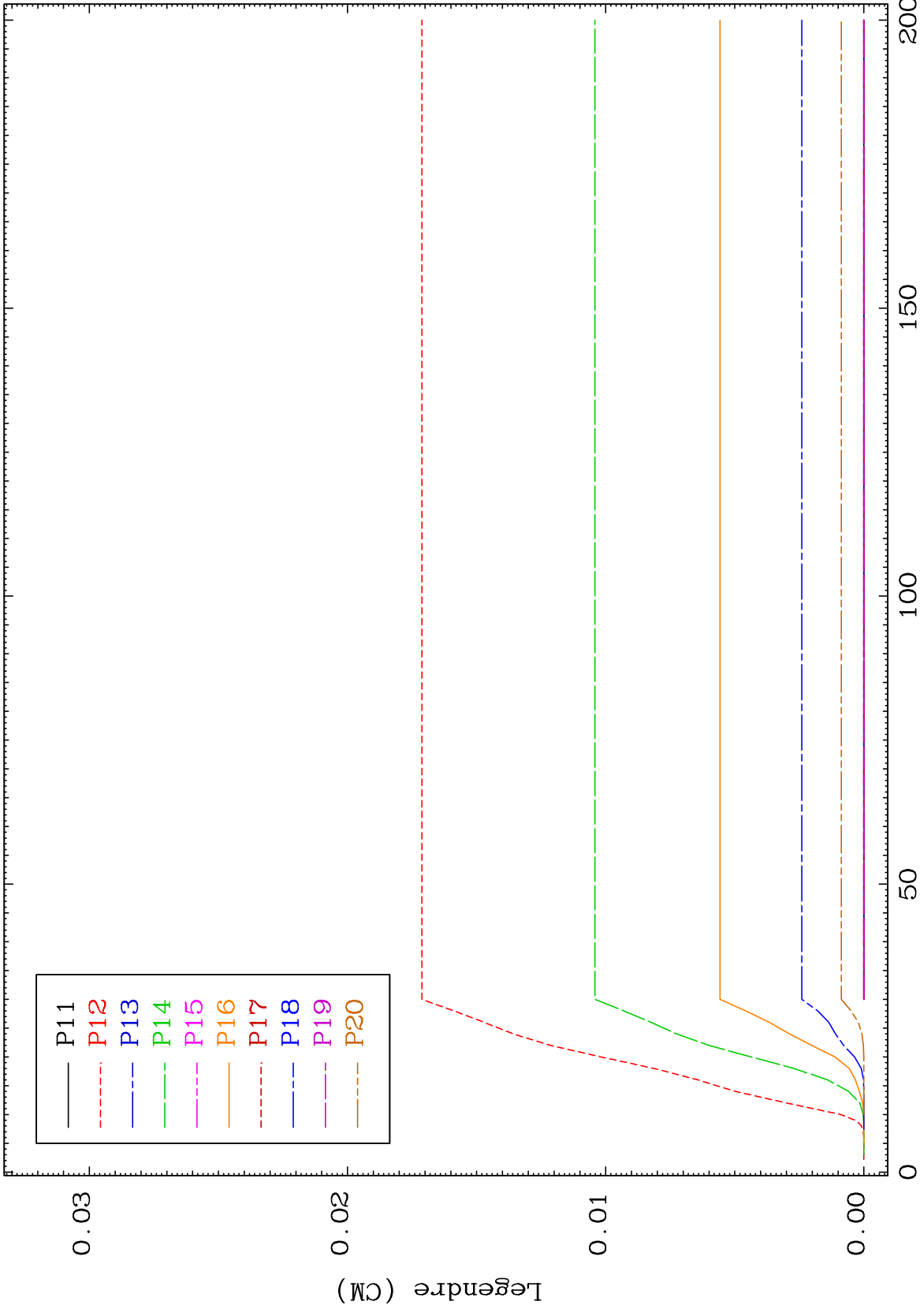
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



50

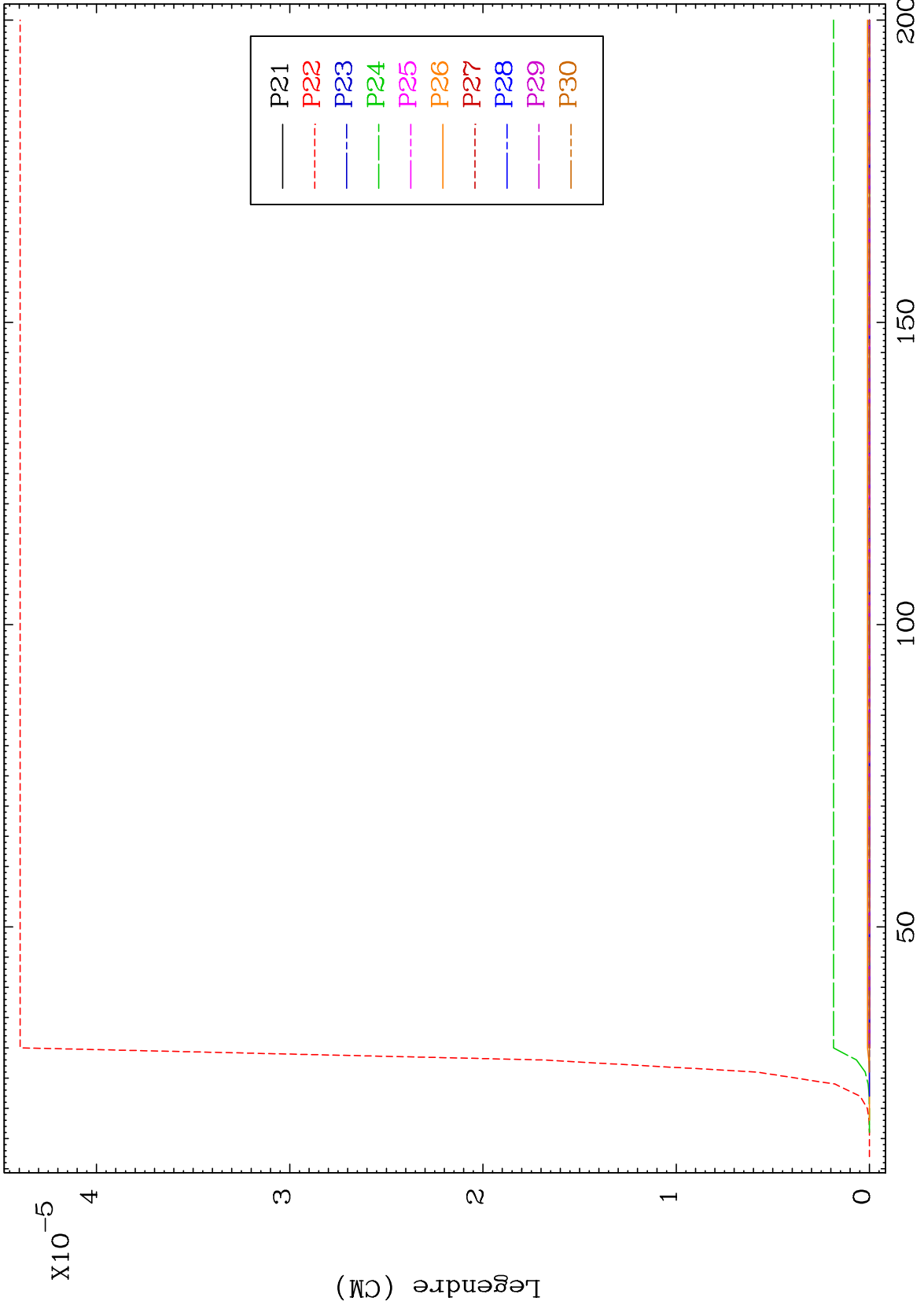
Incident Energy (MeV)

68-Er-172

MAT 6855

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

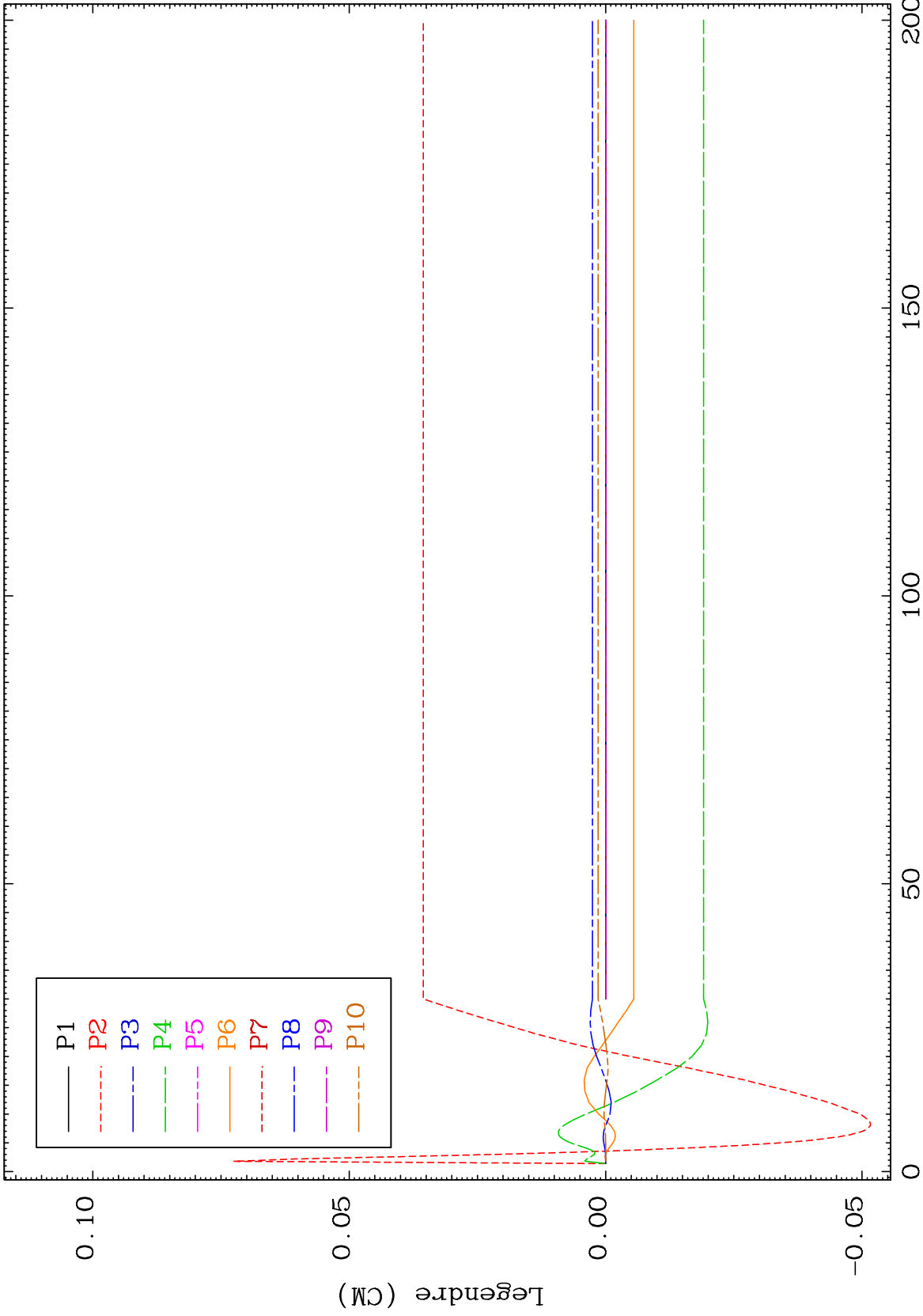
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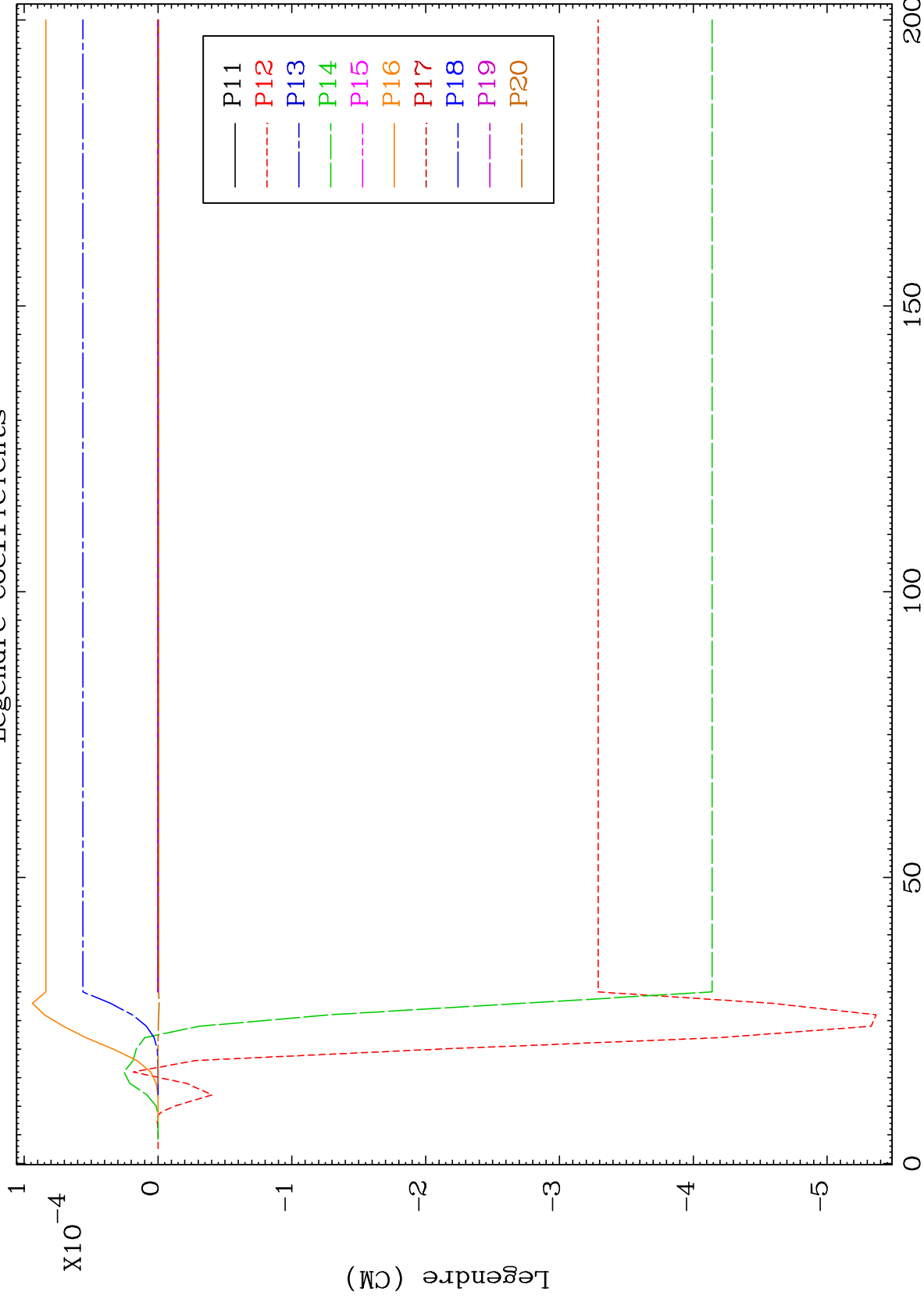


51

Incident Energy (MeV)

68-Er-172

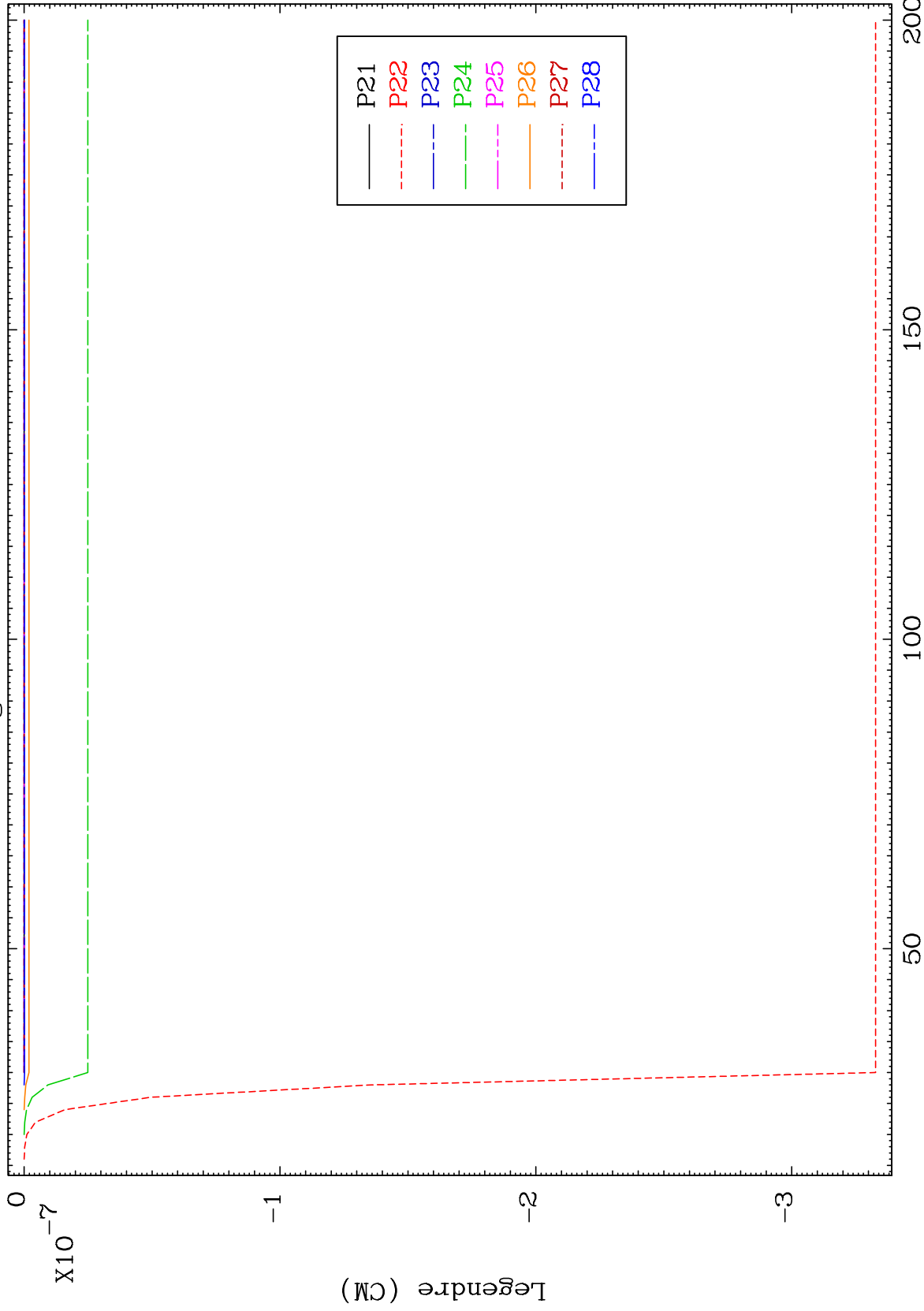




MAT 6855

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

68-Er-172



54

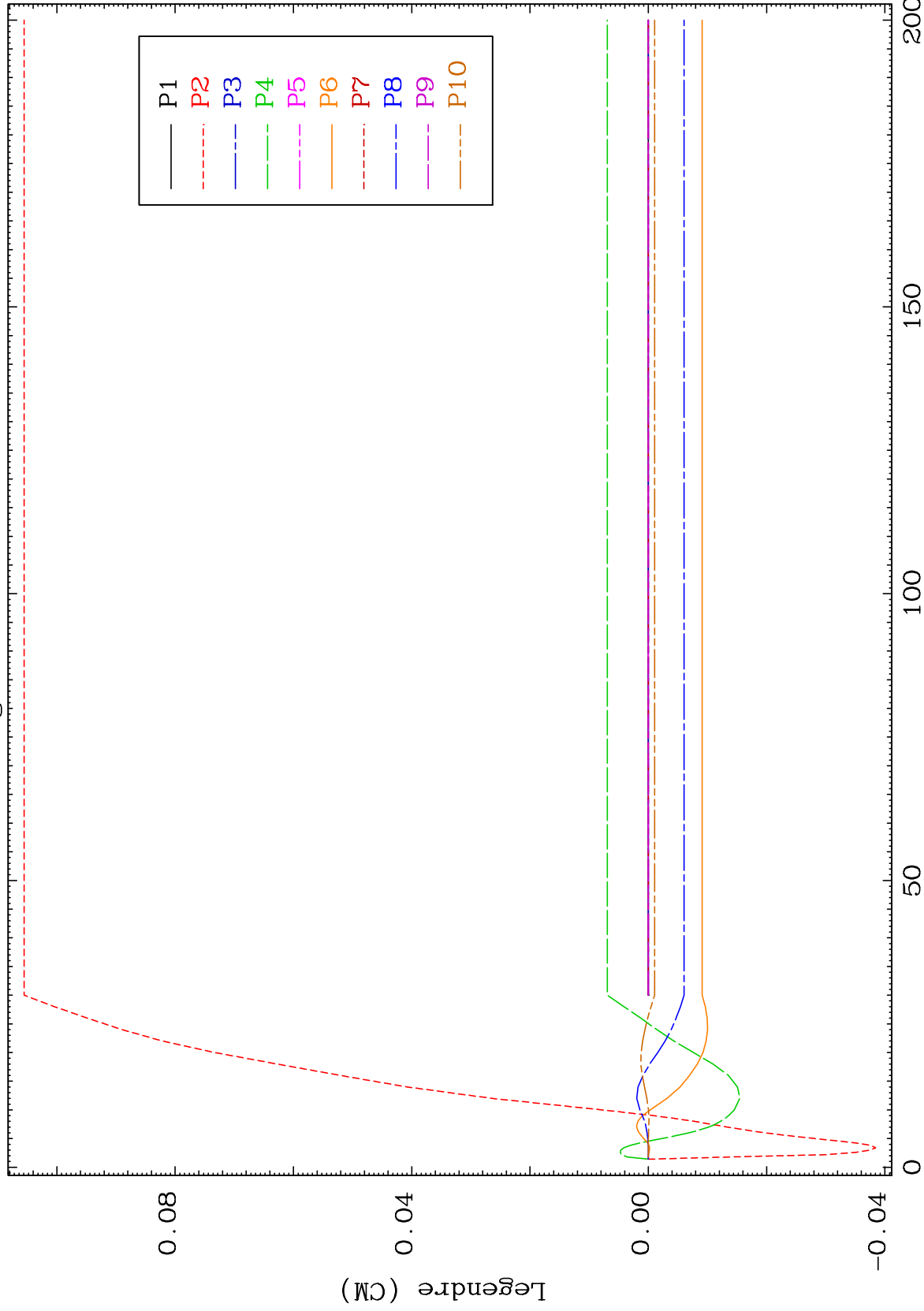
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172

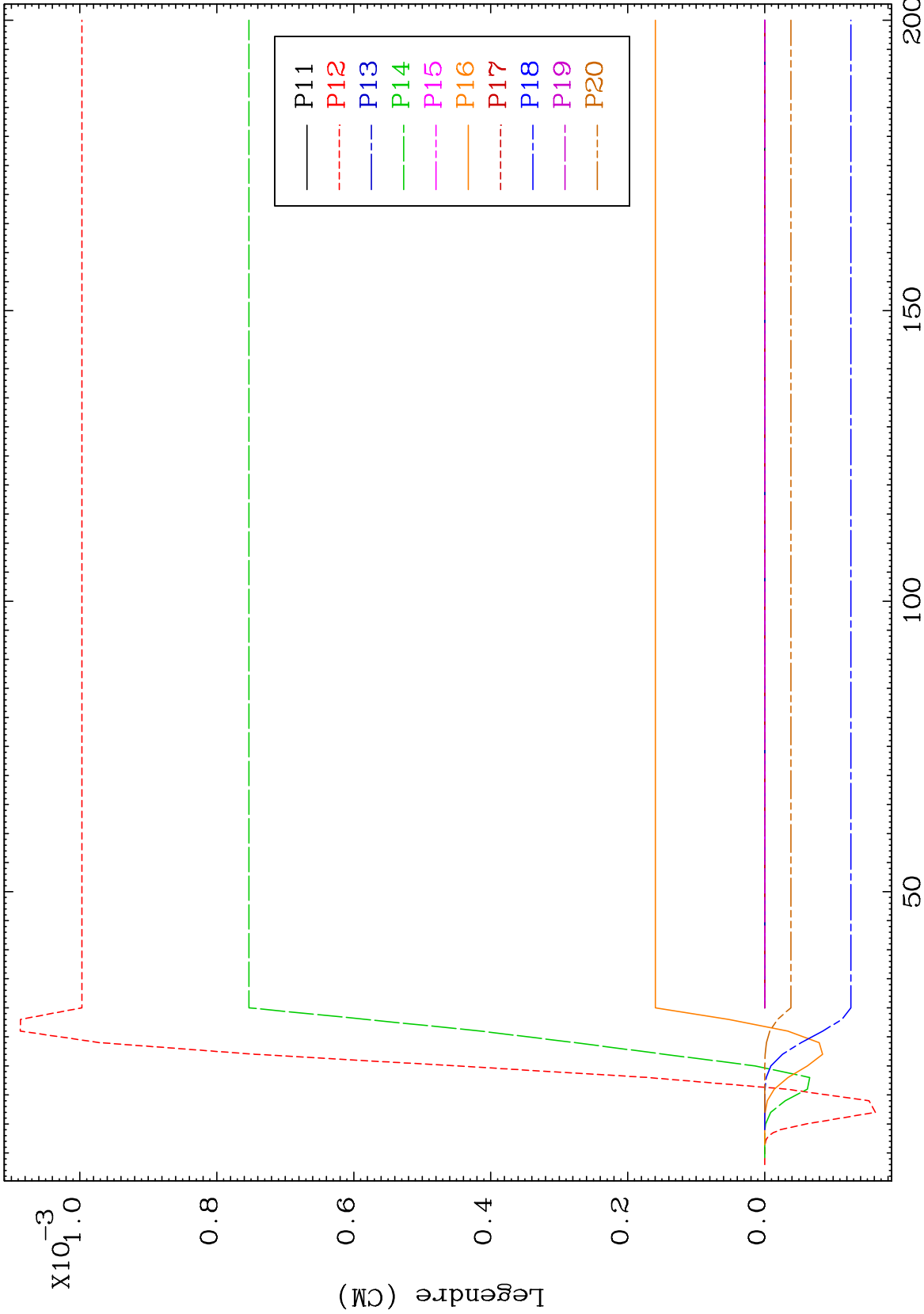


55

Incident Energy (MeV)

68-Er-172

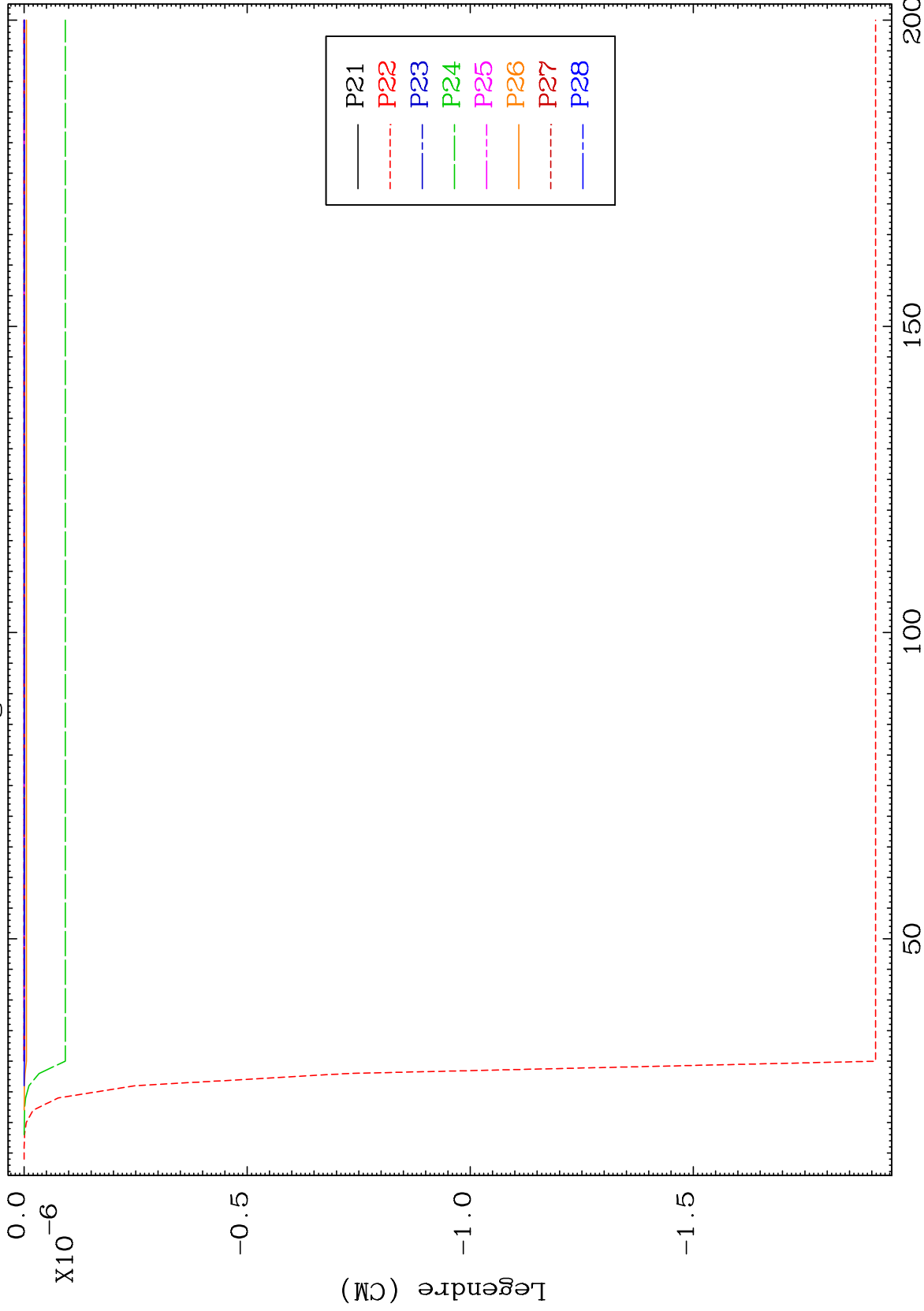




MAT 6855

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

68-Er-172



57

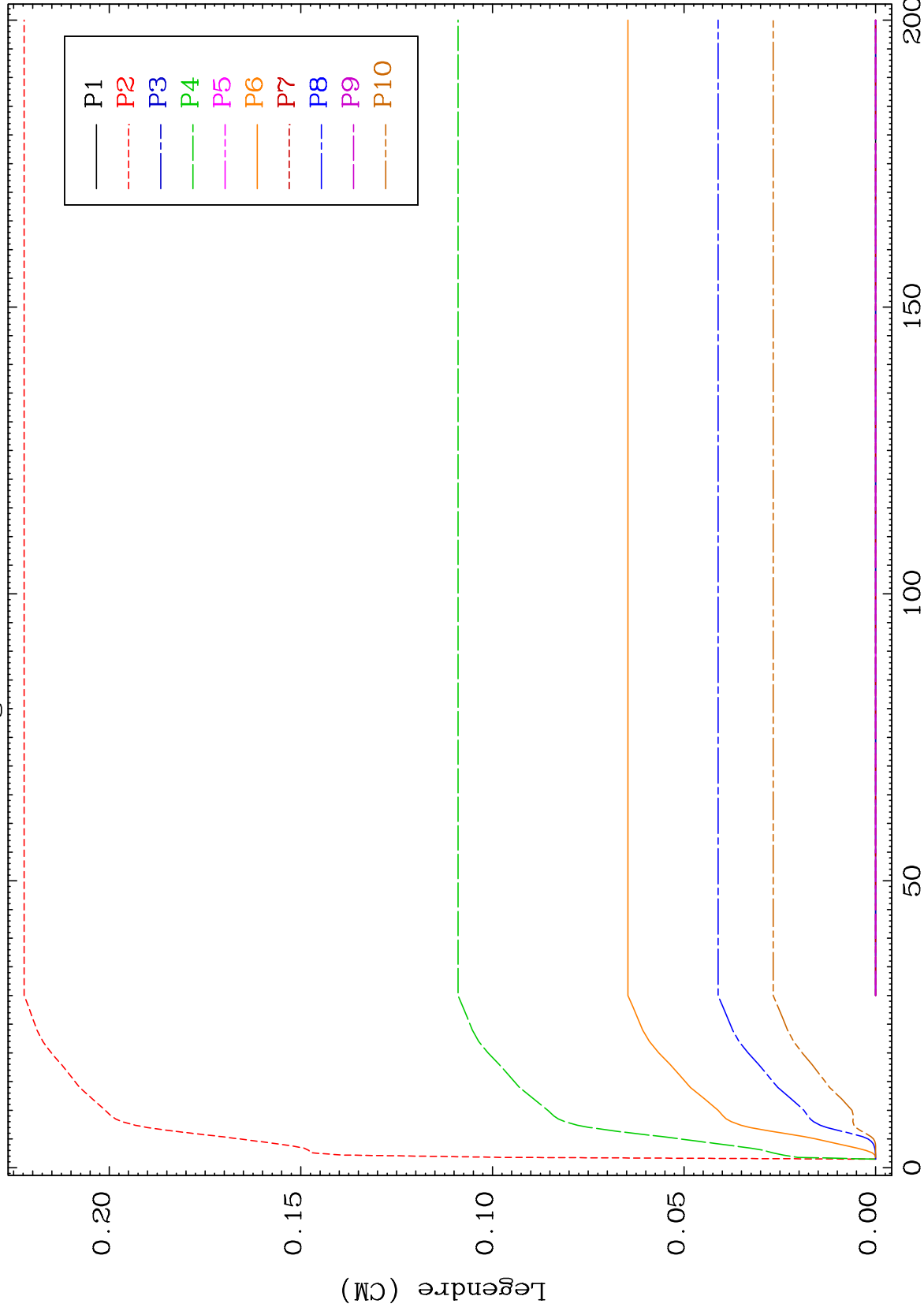
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



58

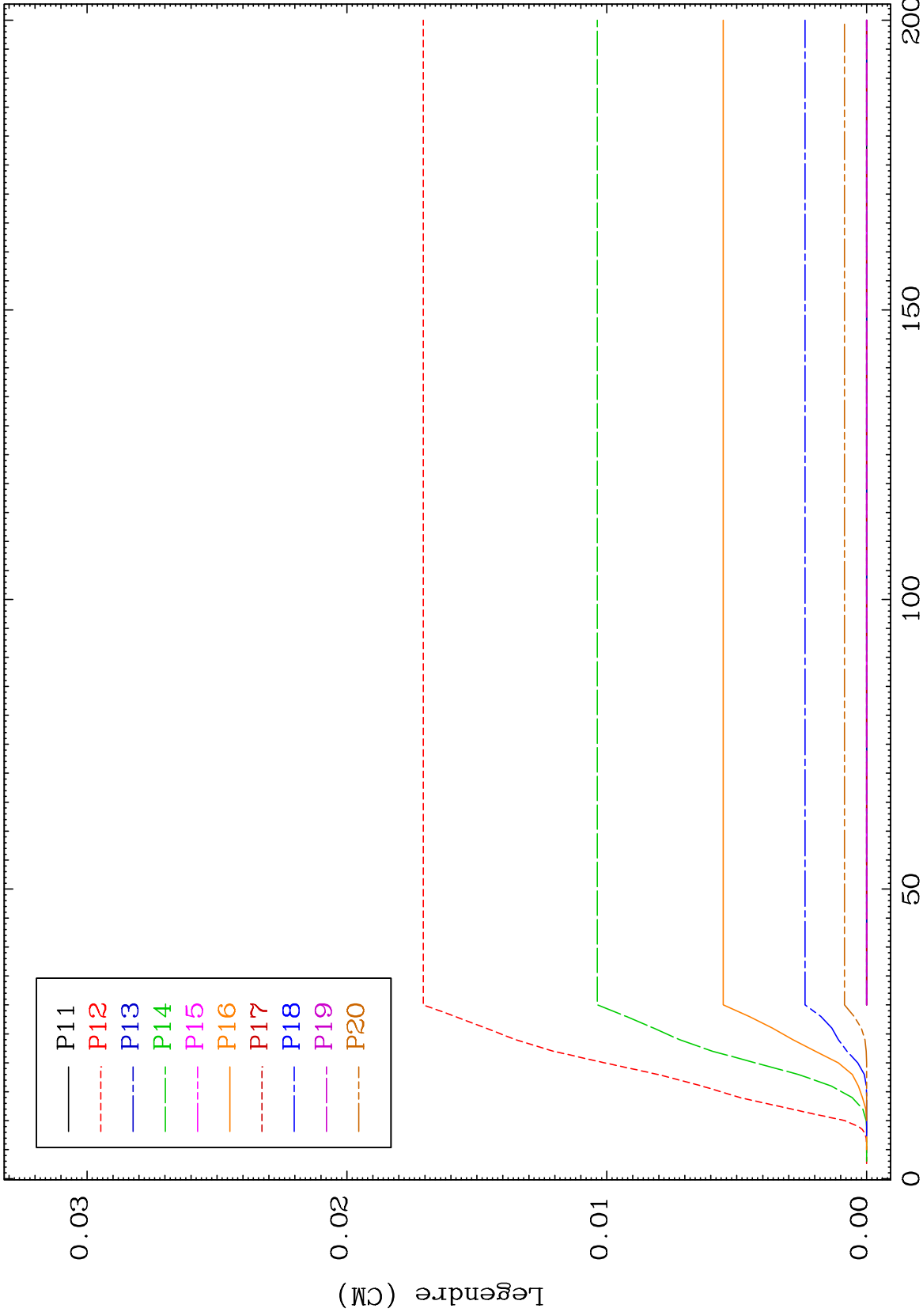
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



59

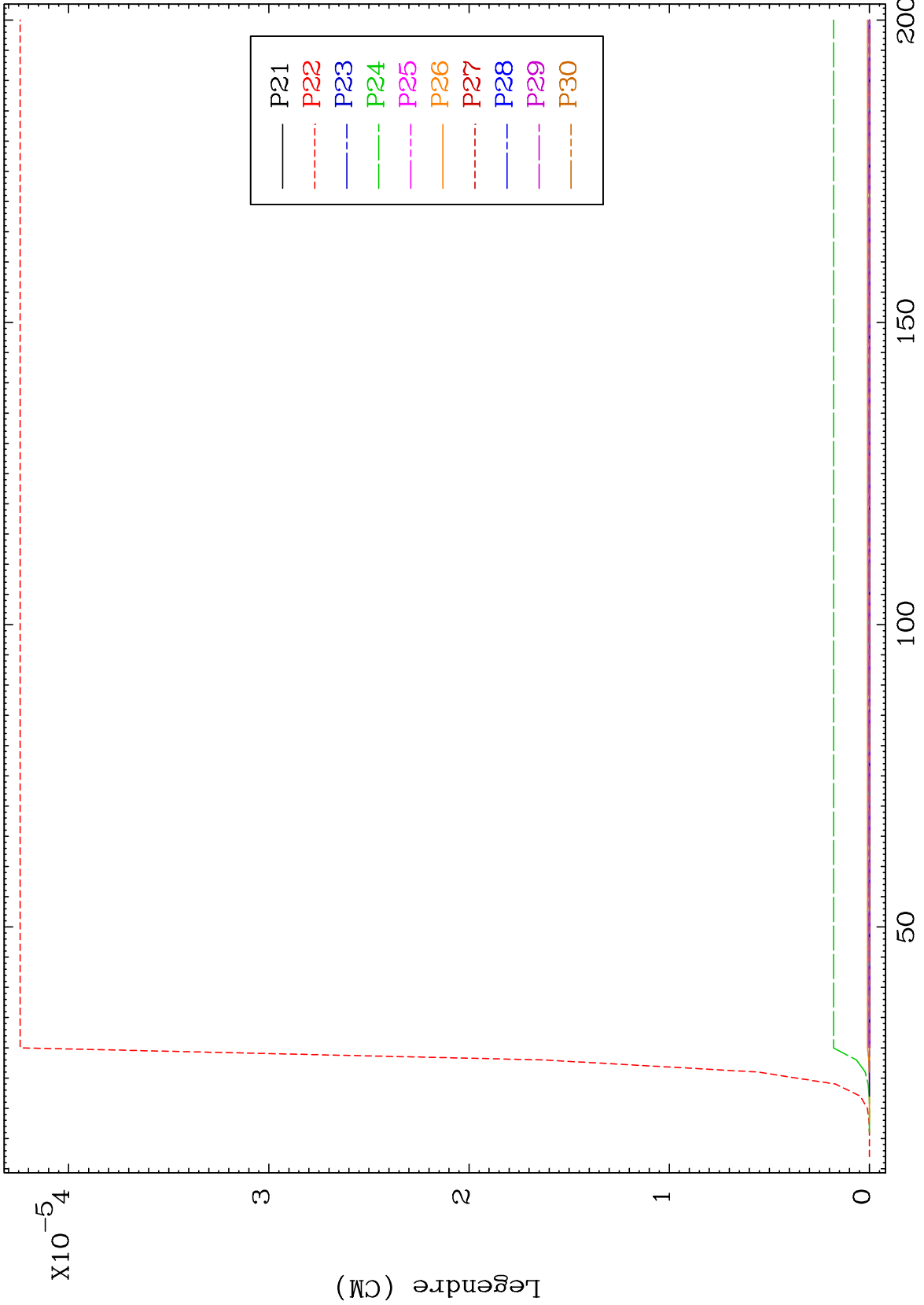
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



60

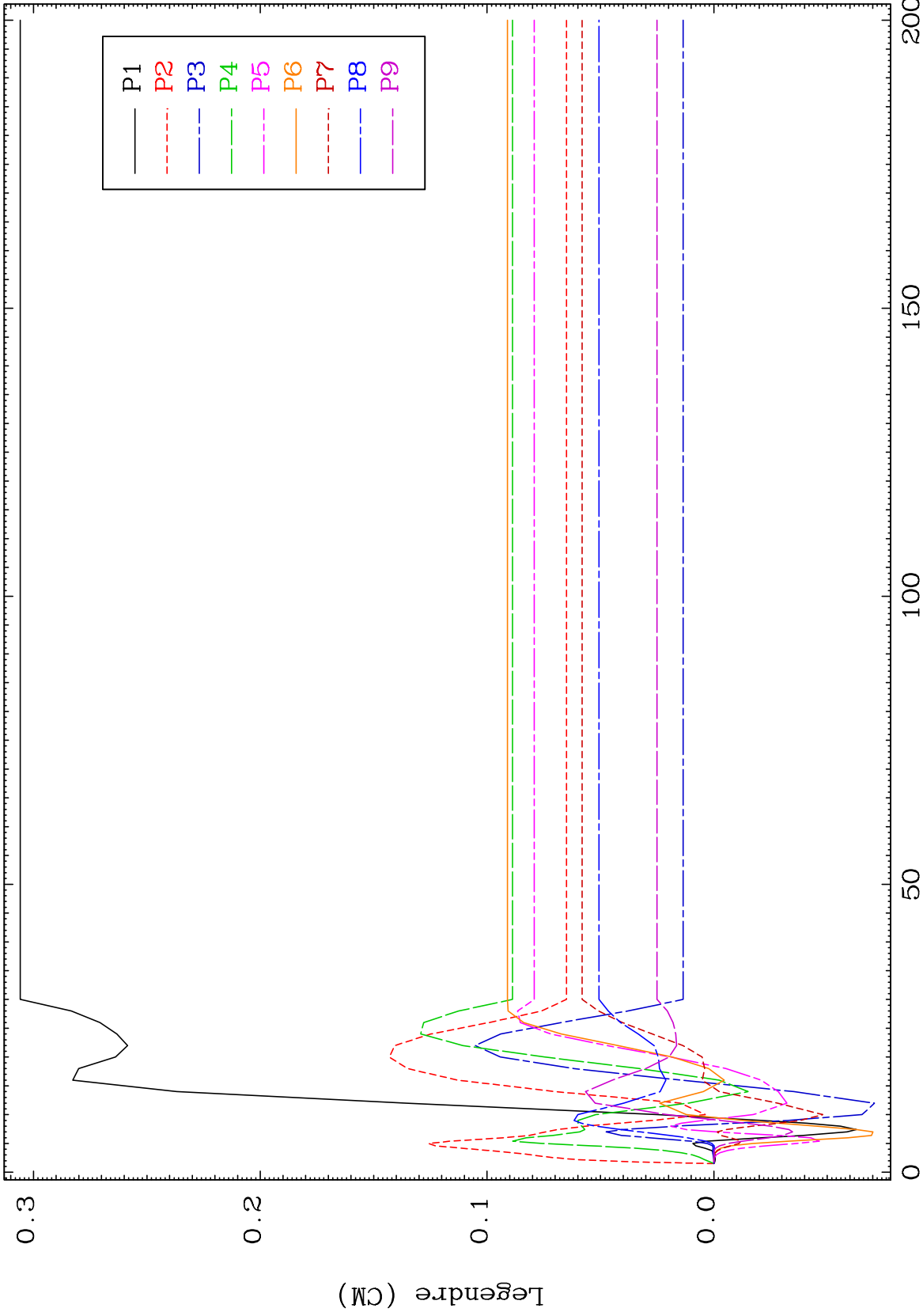
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



61

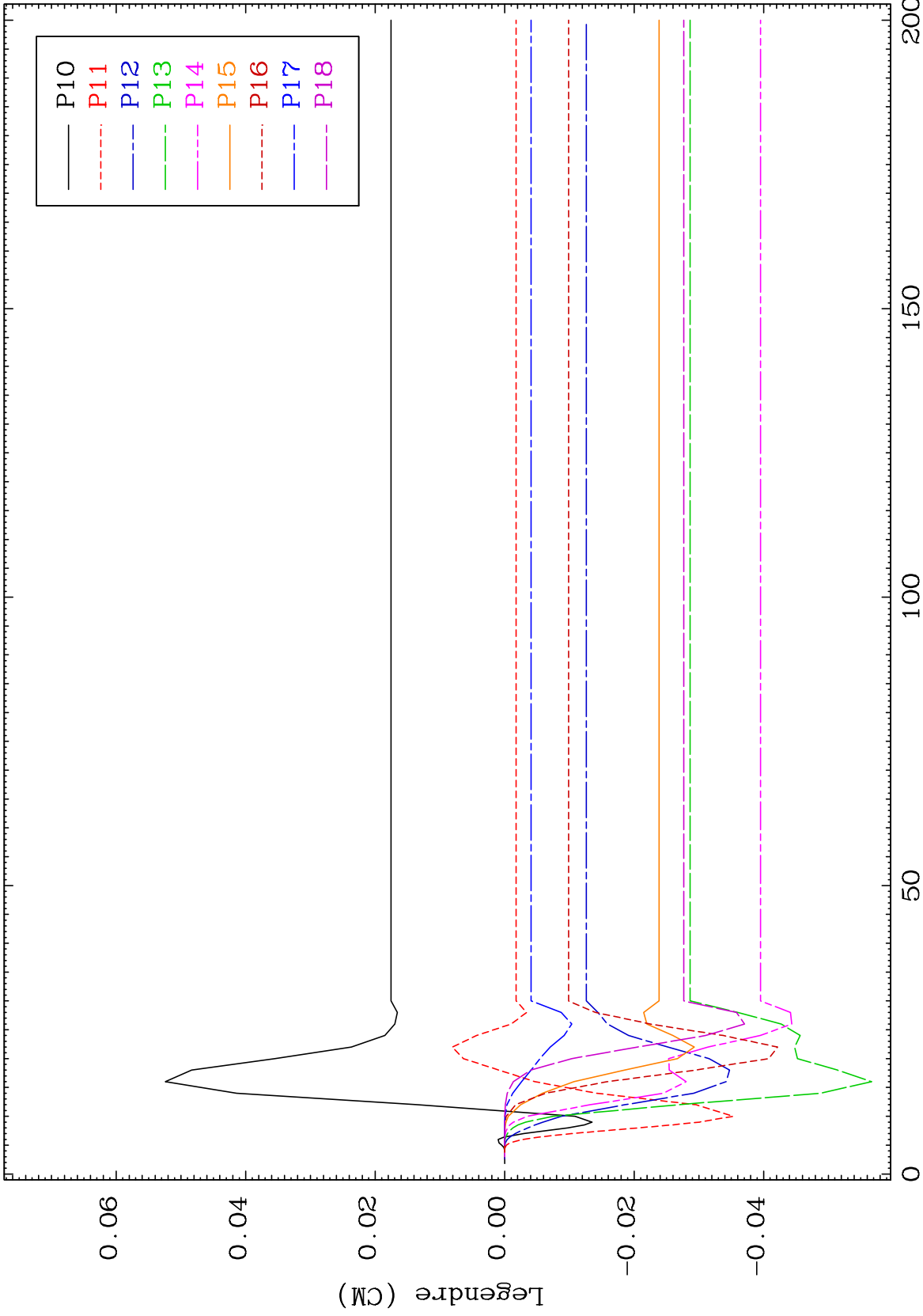
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



62

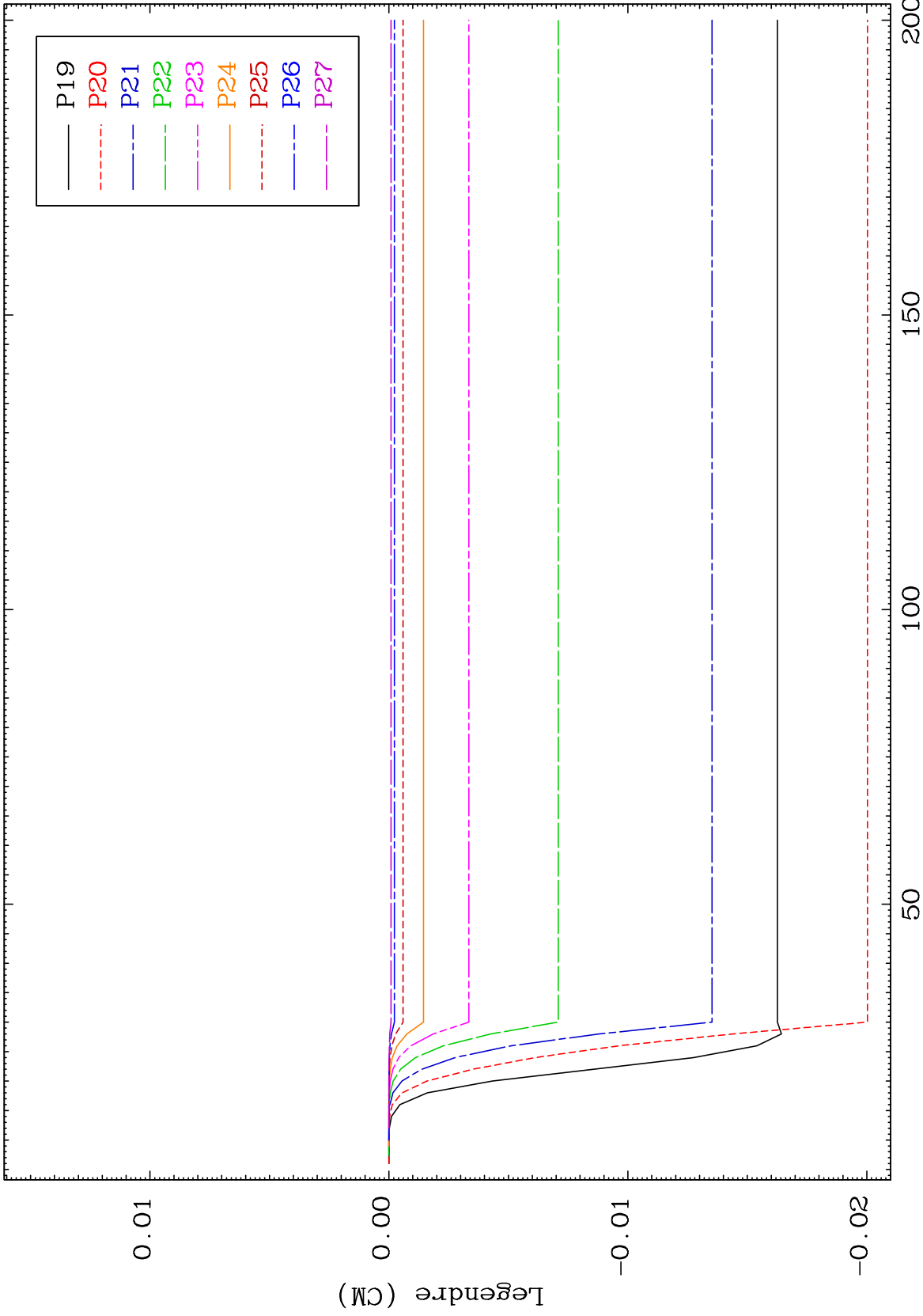
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



63

Incident Energy (MeV)

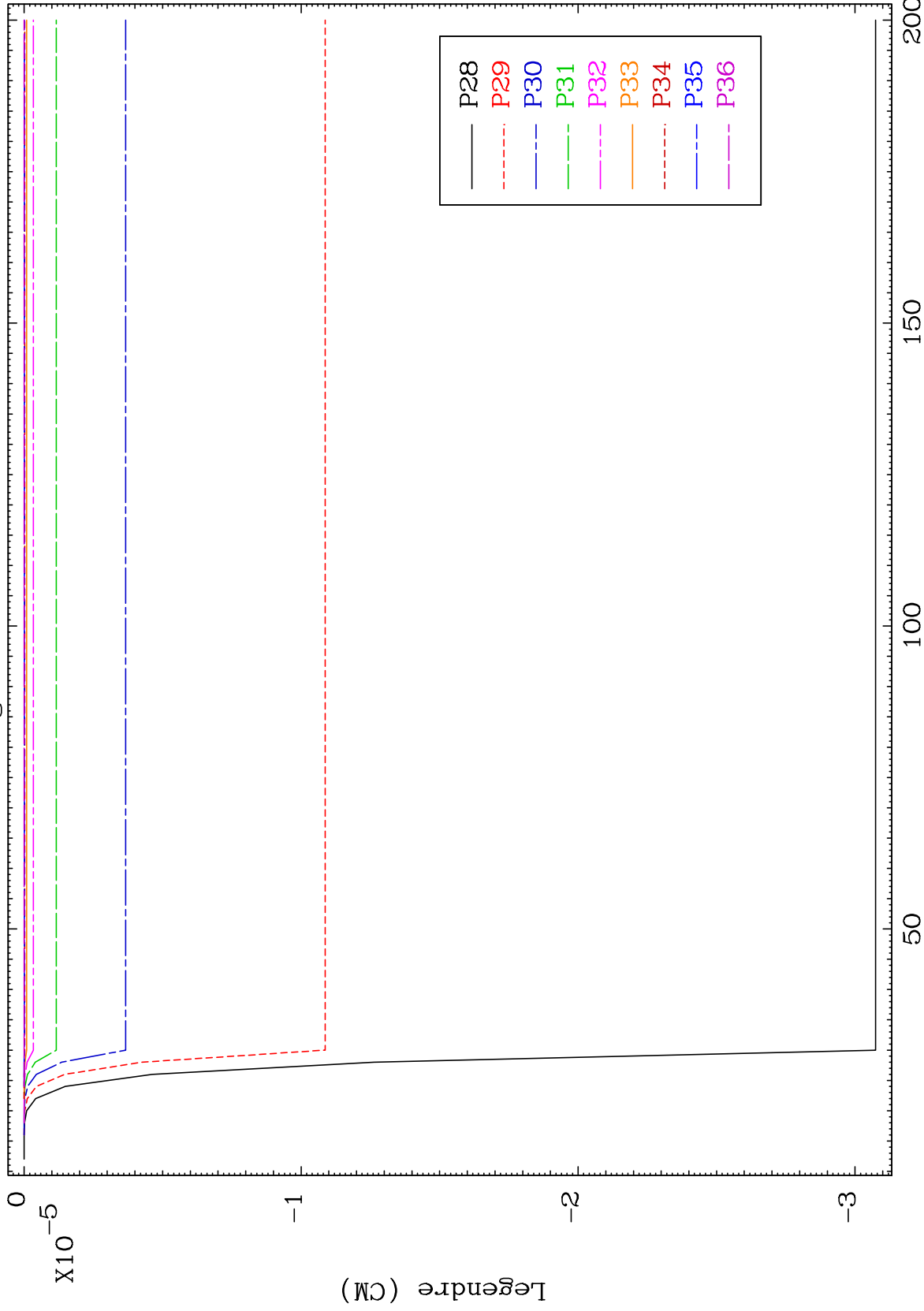
68-Er-172



MAT 6855

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

68-Er-172



64

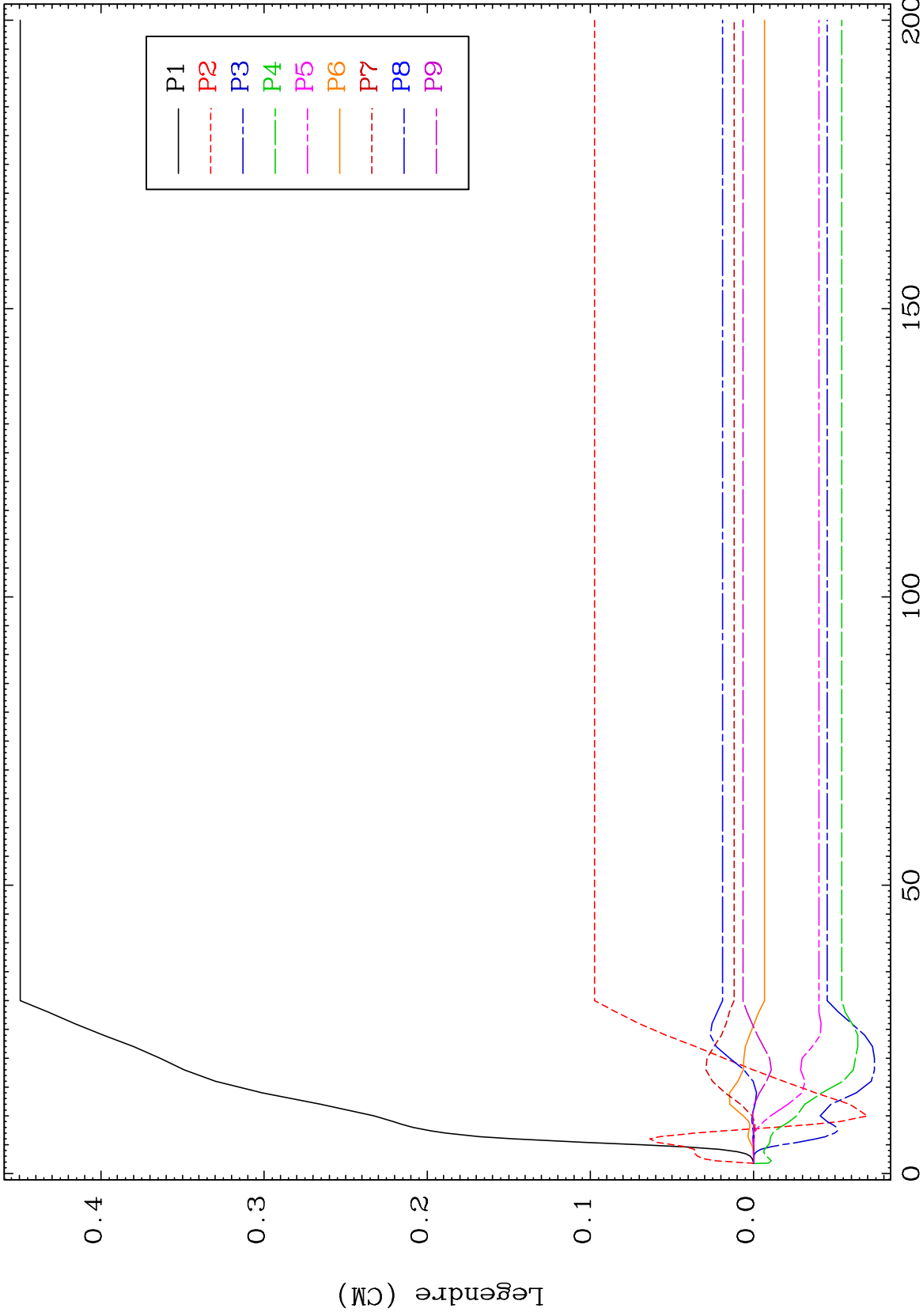
Incident Energy (MeV)

68-Er-172

MAT 6855

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

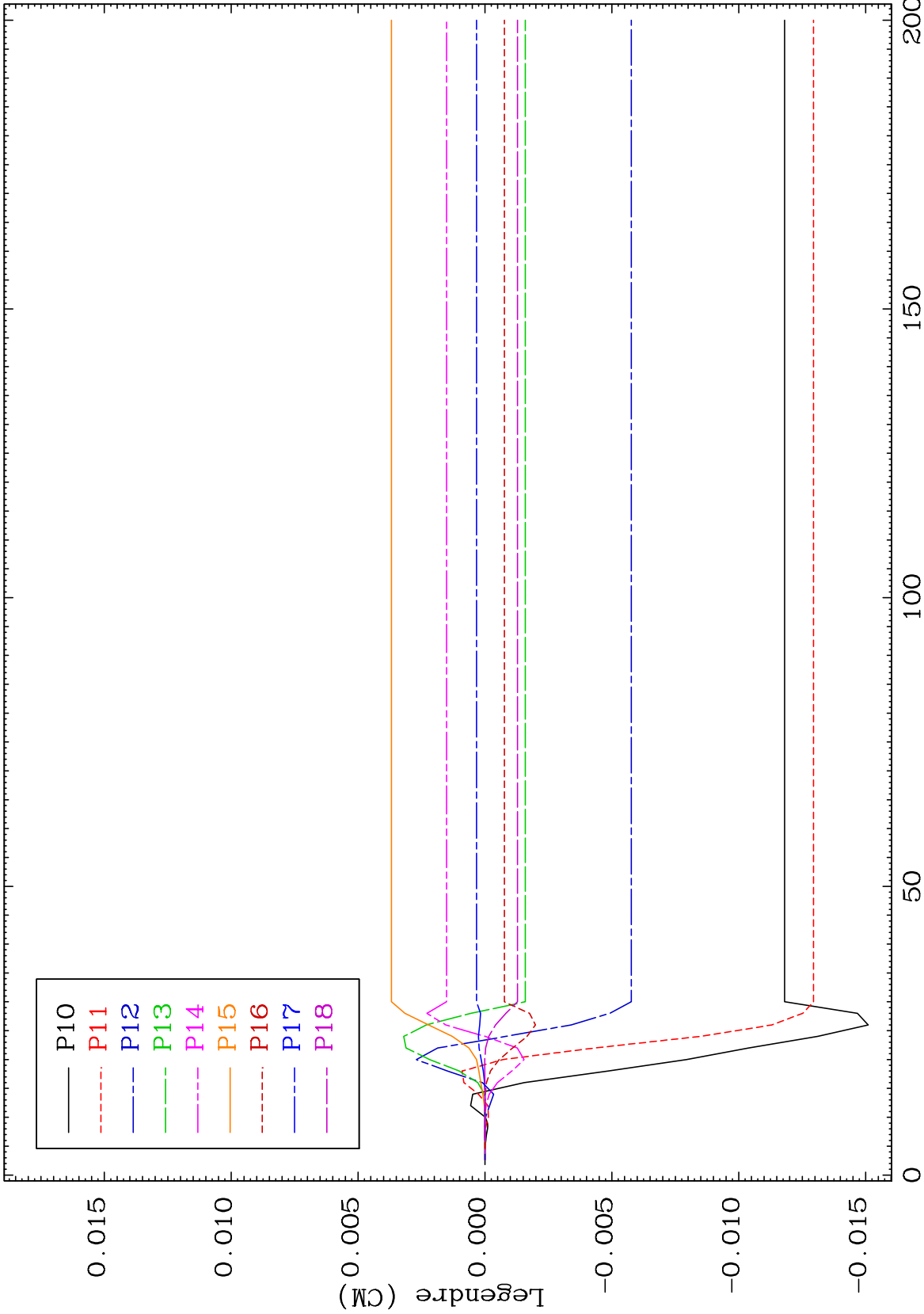
68-Er-172



65

Incident Energy (MeV)

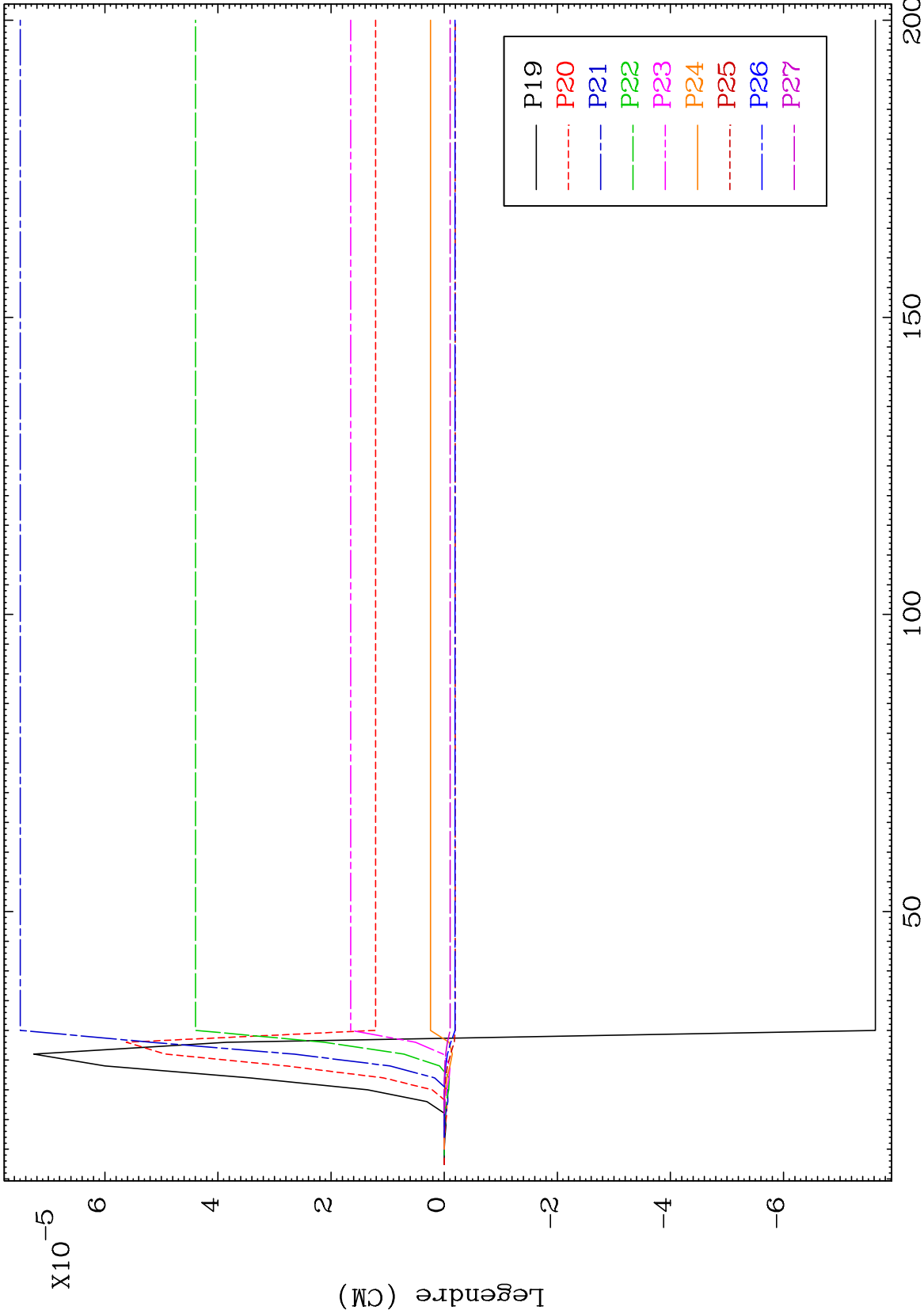
68-Er-172



MAT 6855

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

68-Er-172



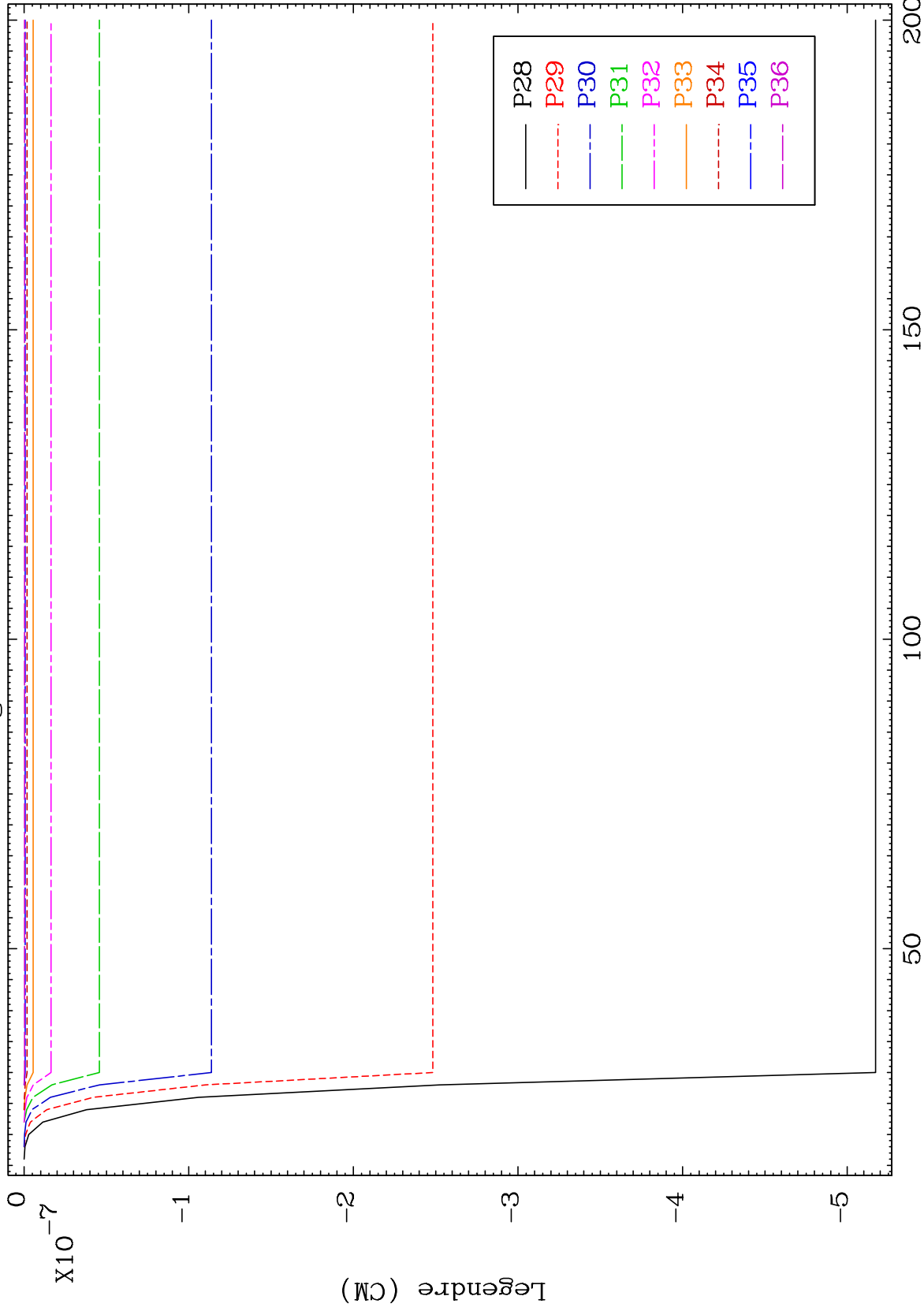
67

68-Er-172

MAT 6855

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

68-Er-172



68

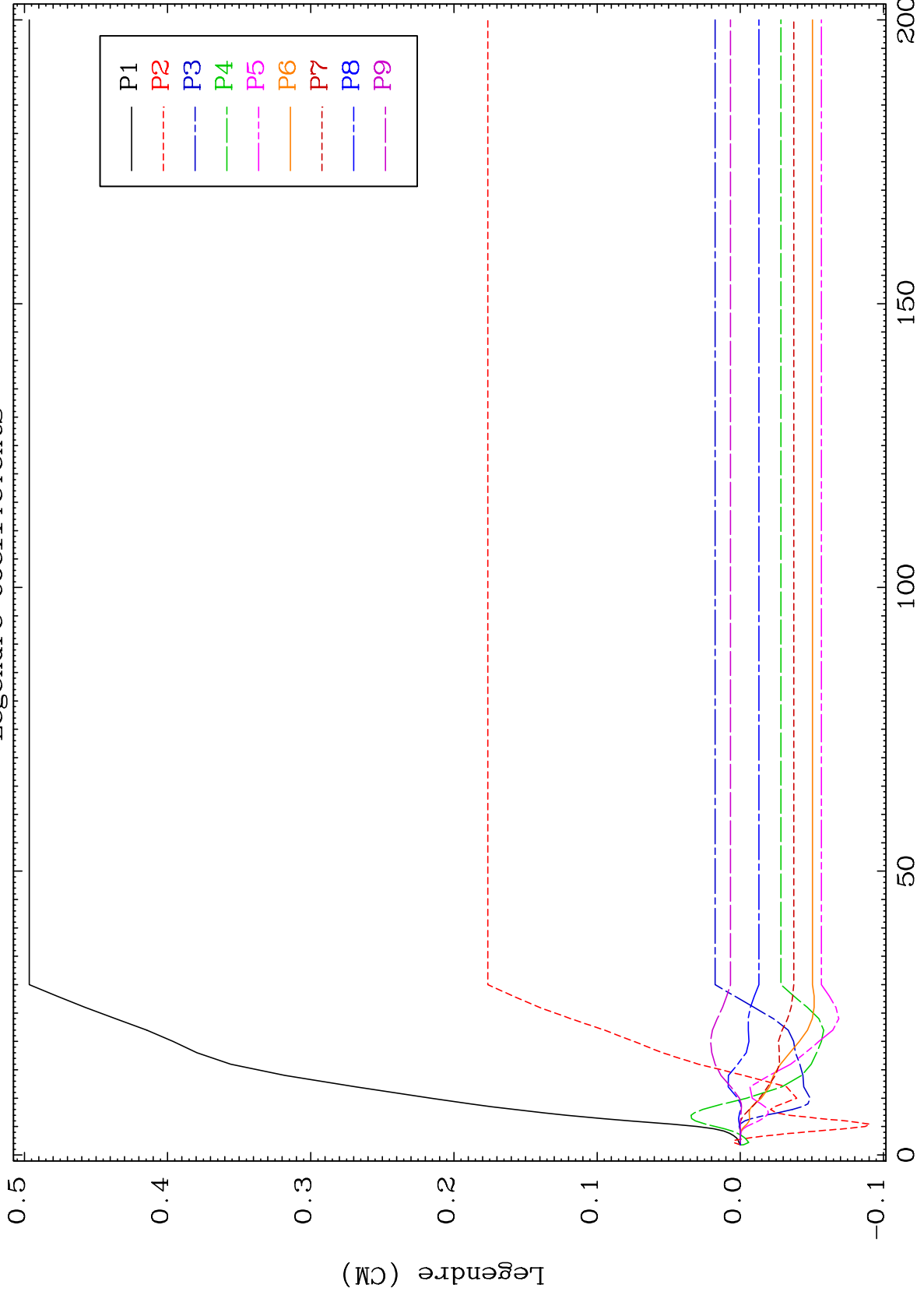
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



69

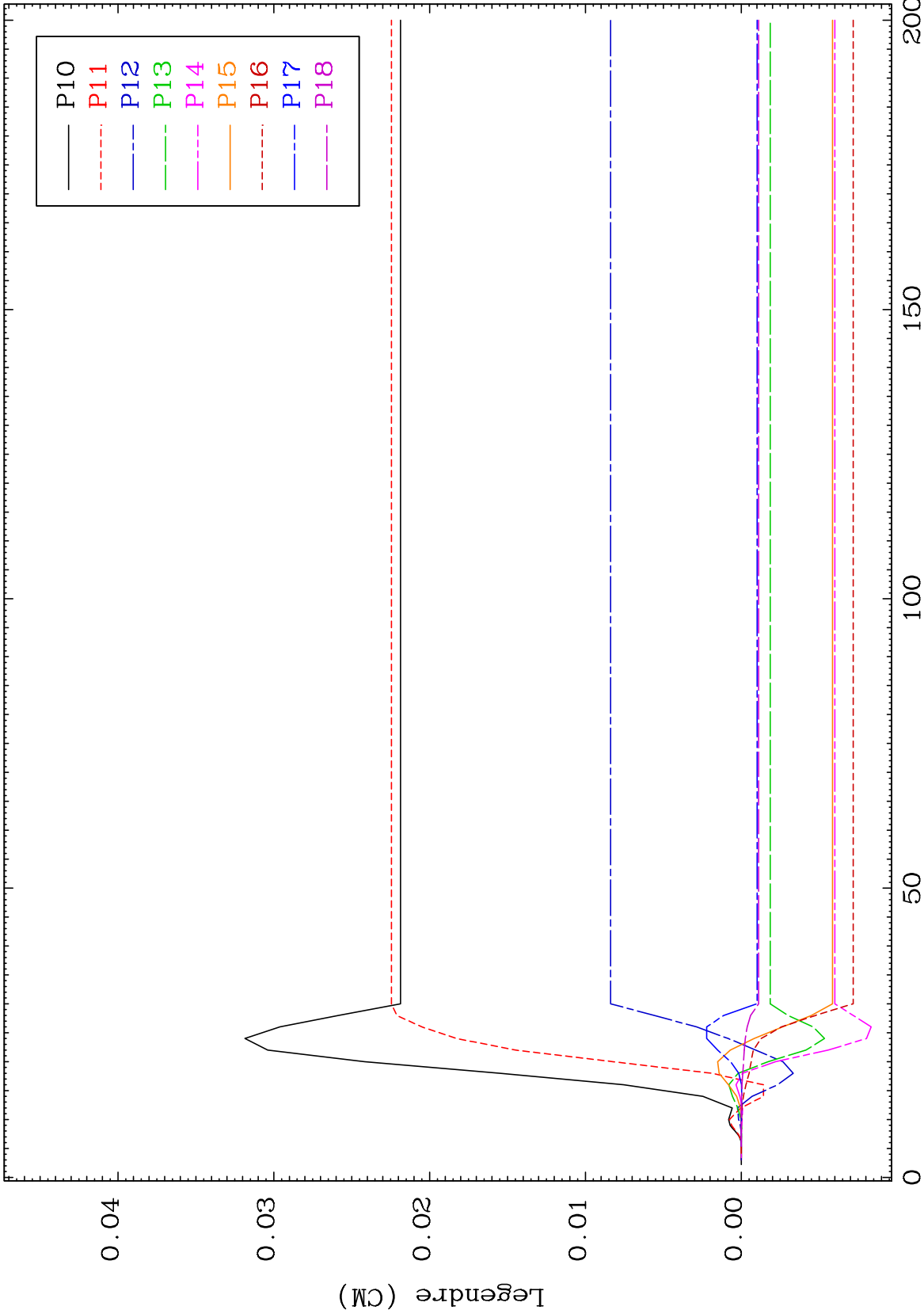
Incident Energy (MeV)

68-Er-172

MAT 6855

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

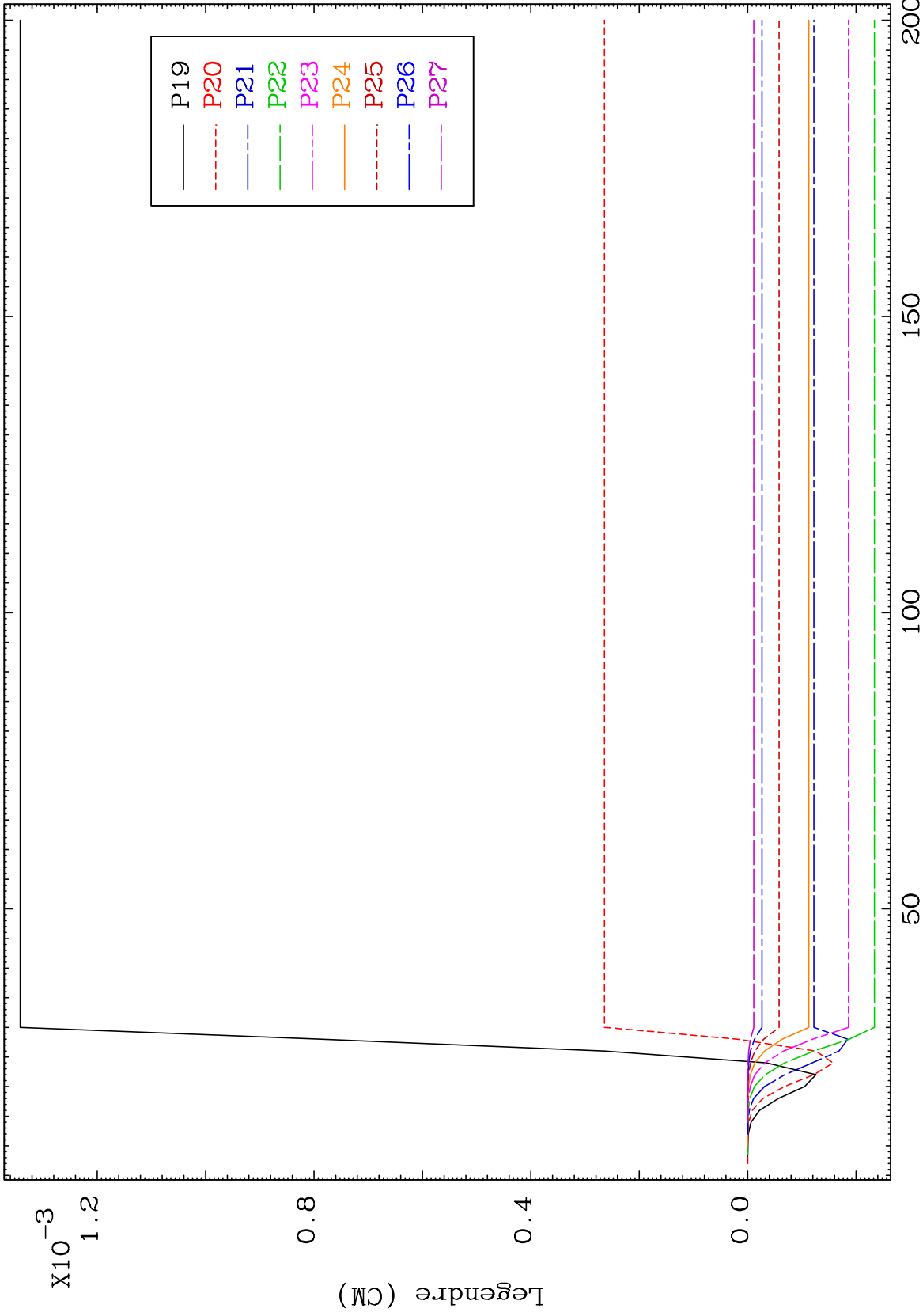
68-Er-172



70

Incident Energy (MeV)

68-Er-172

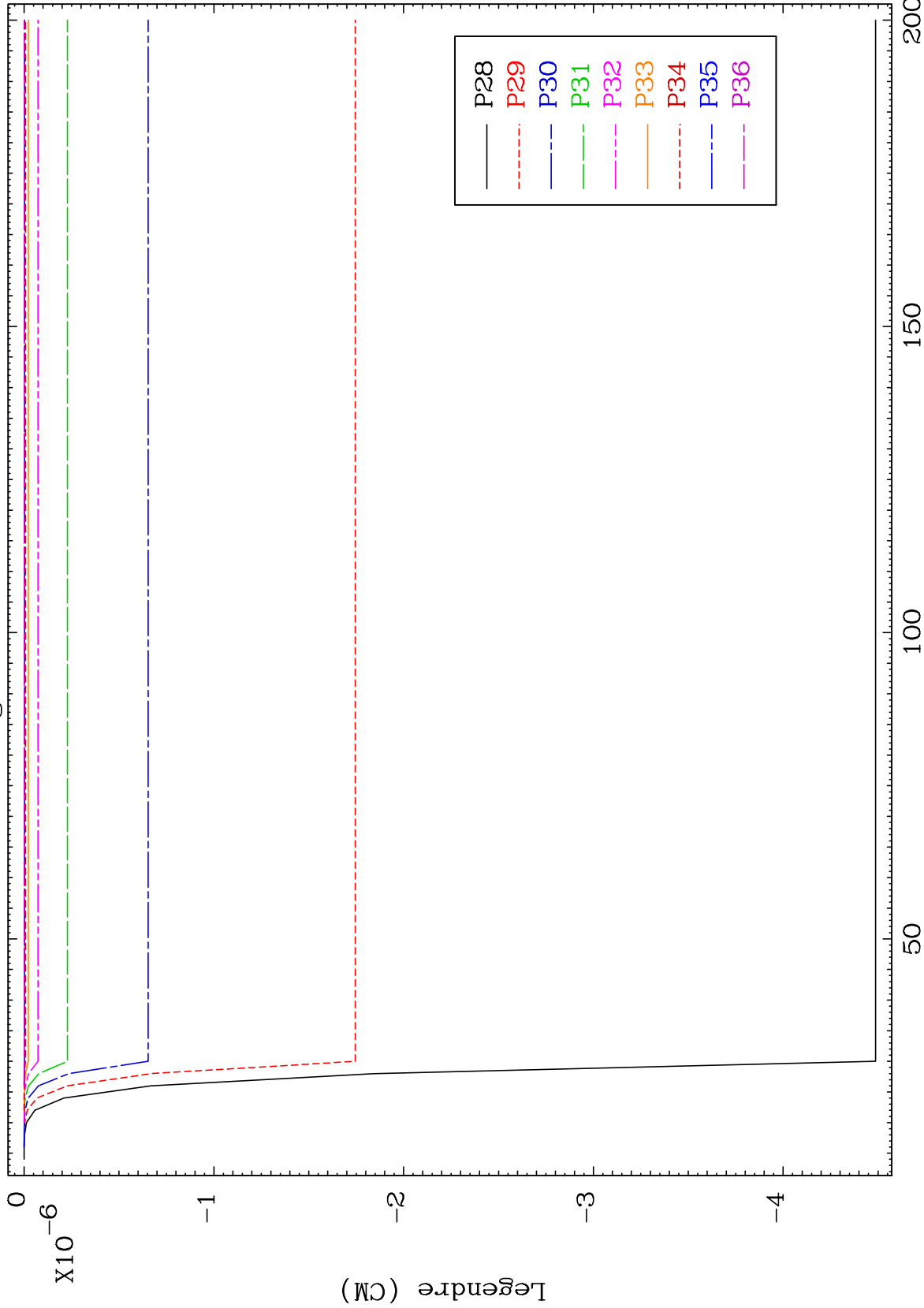




MAT 6855

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

68-Er-172



72

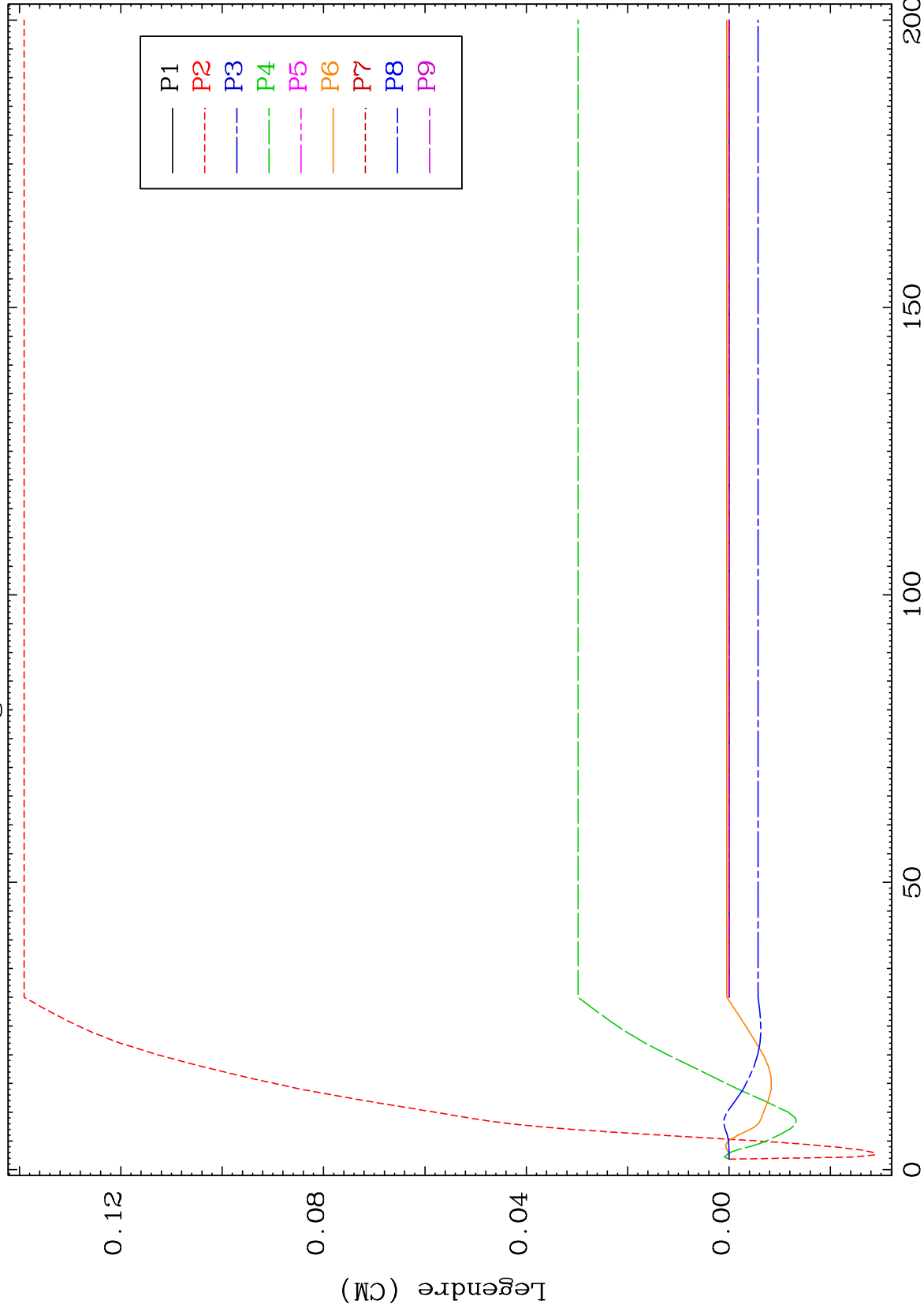
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



73

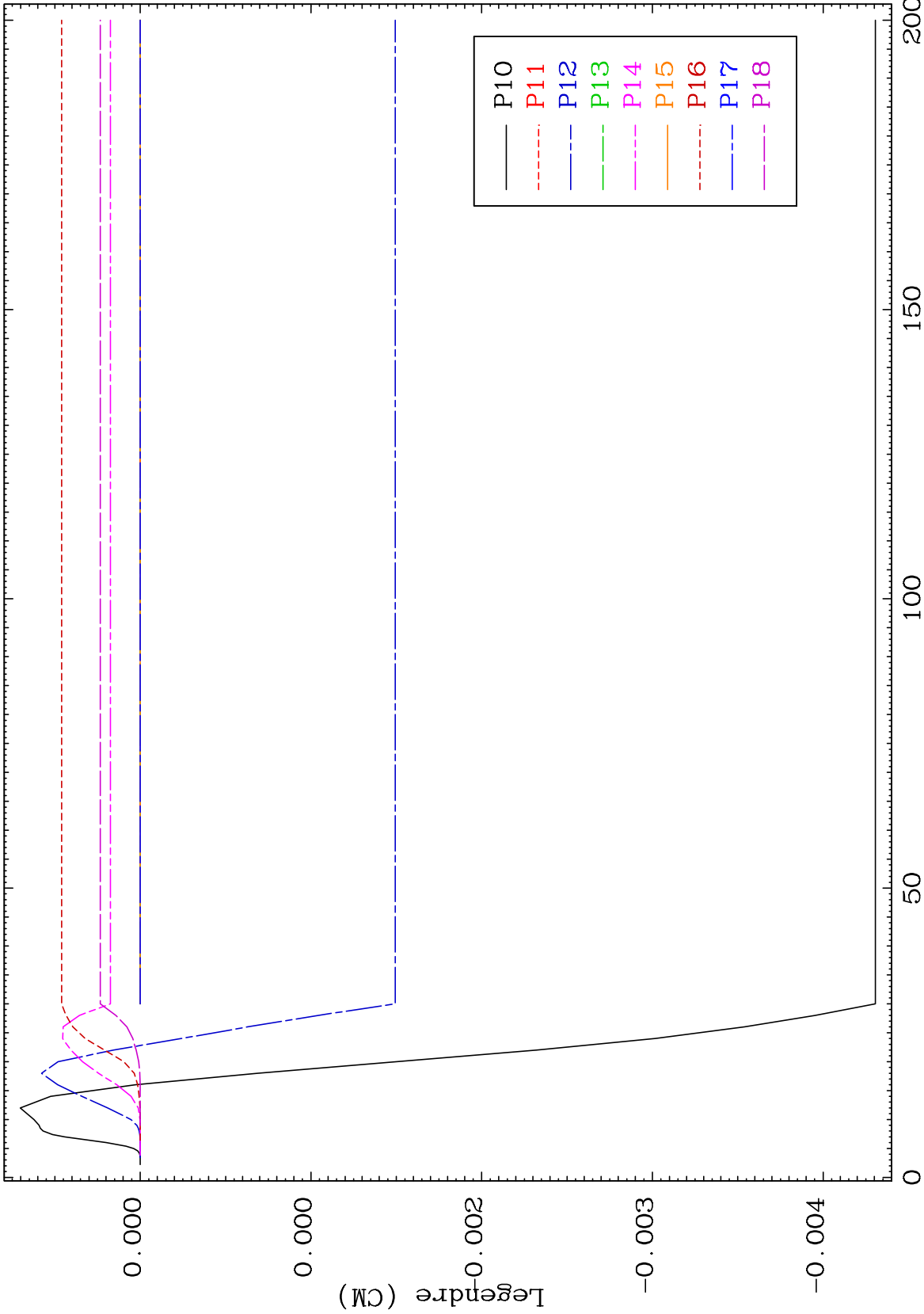
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



74

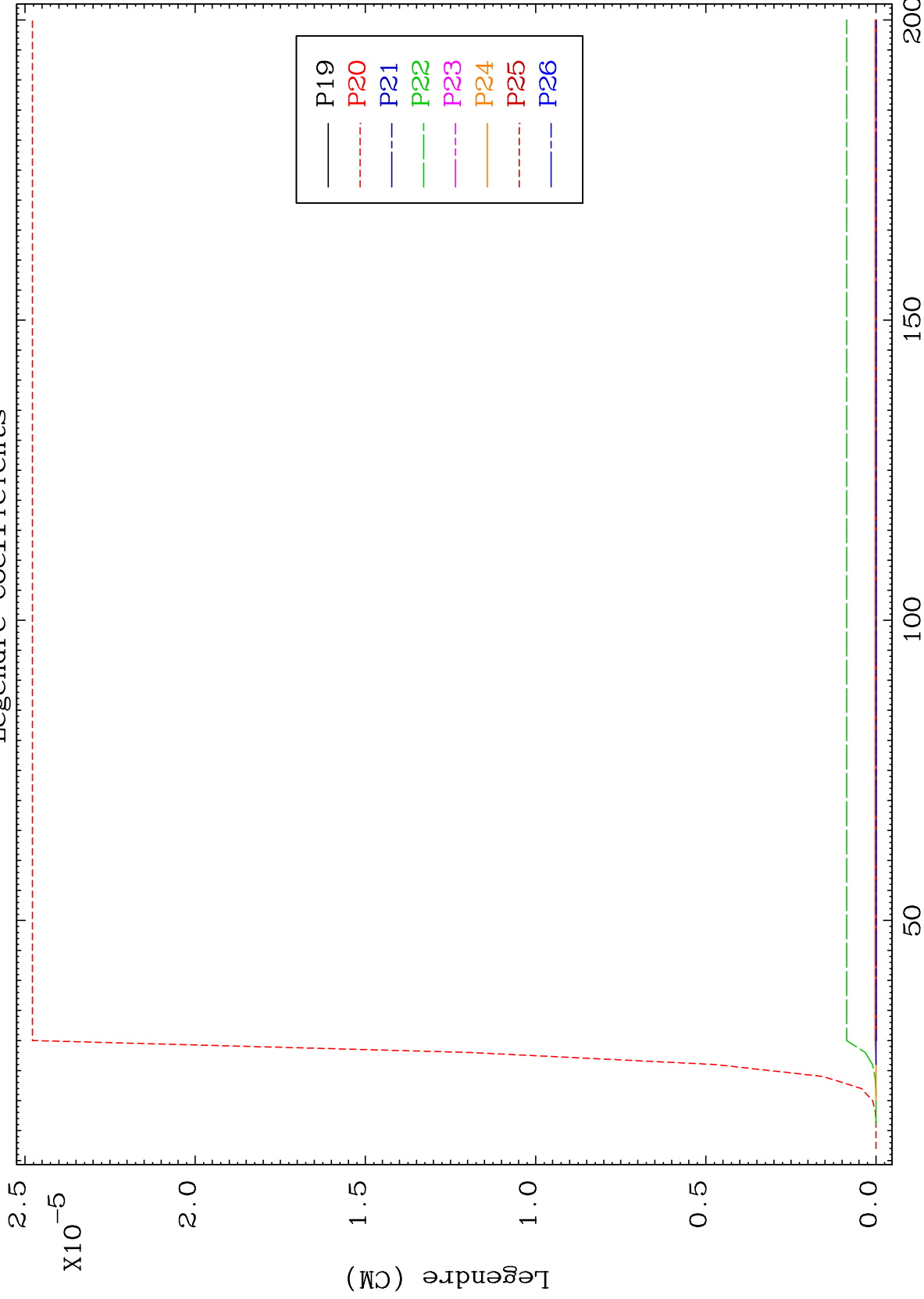
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



68-Er-172

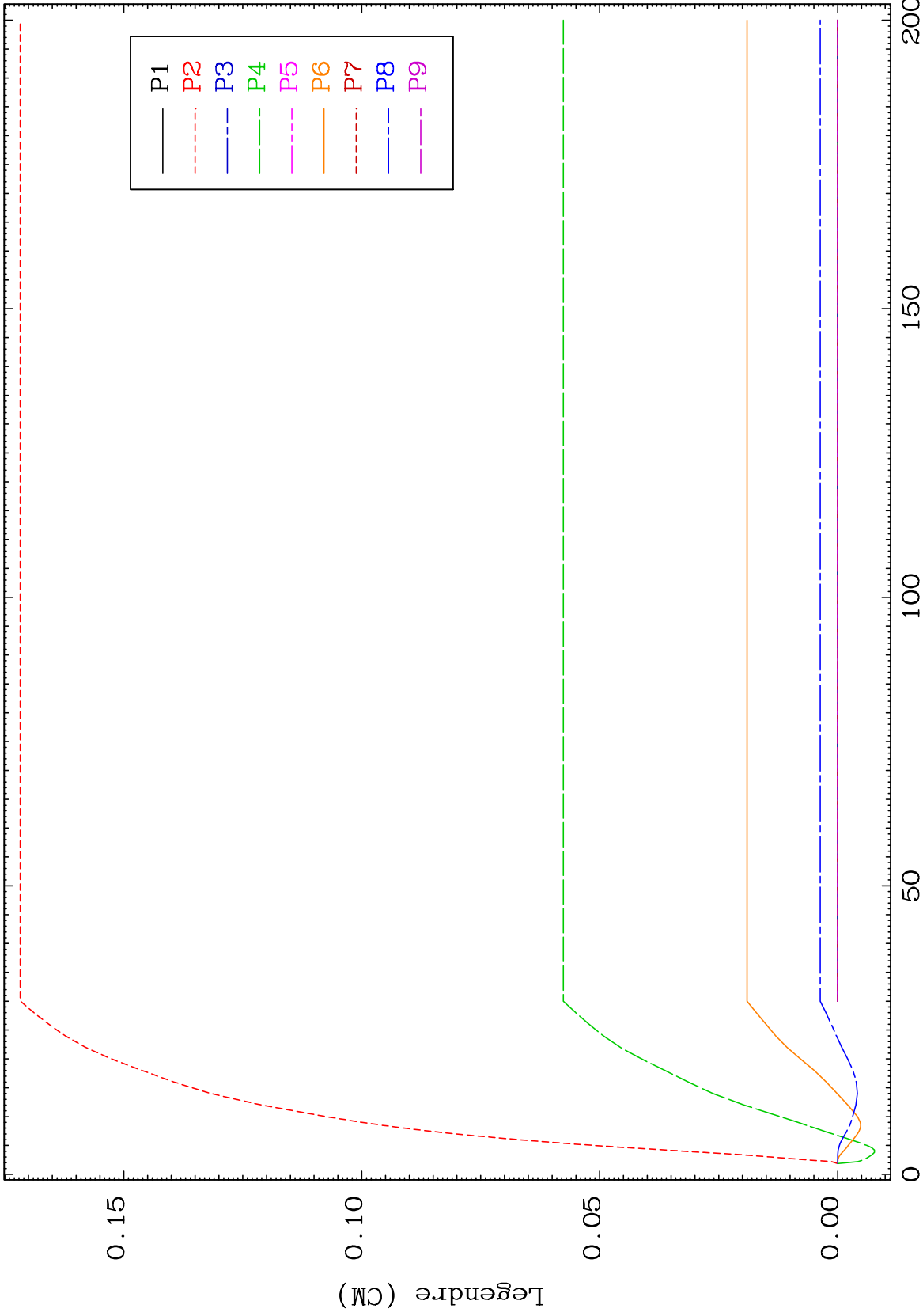
Incident Energy (MeV)

75

MAT 6855

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

68-Er-172



76

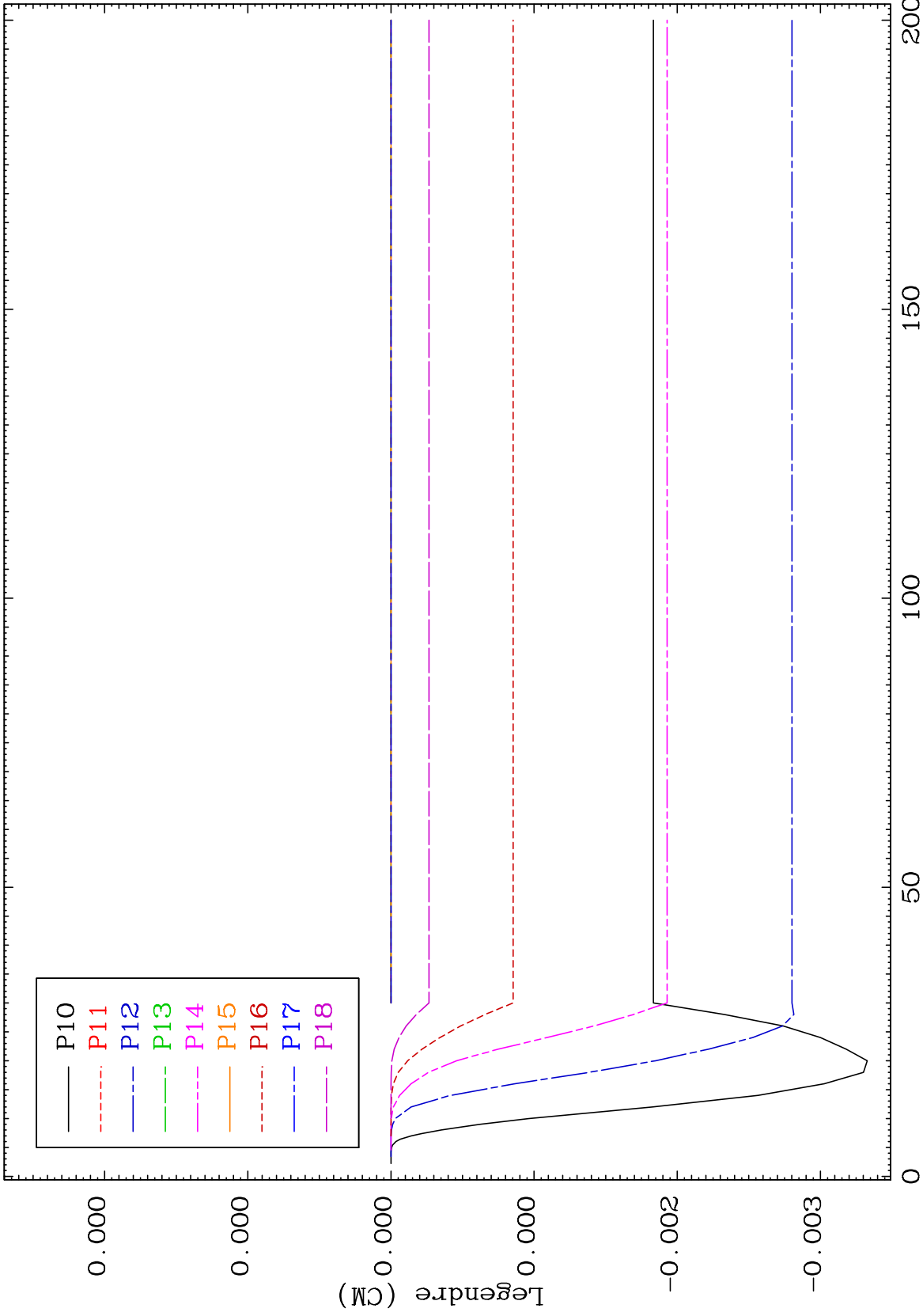
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



77

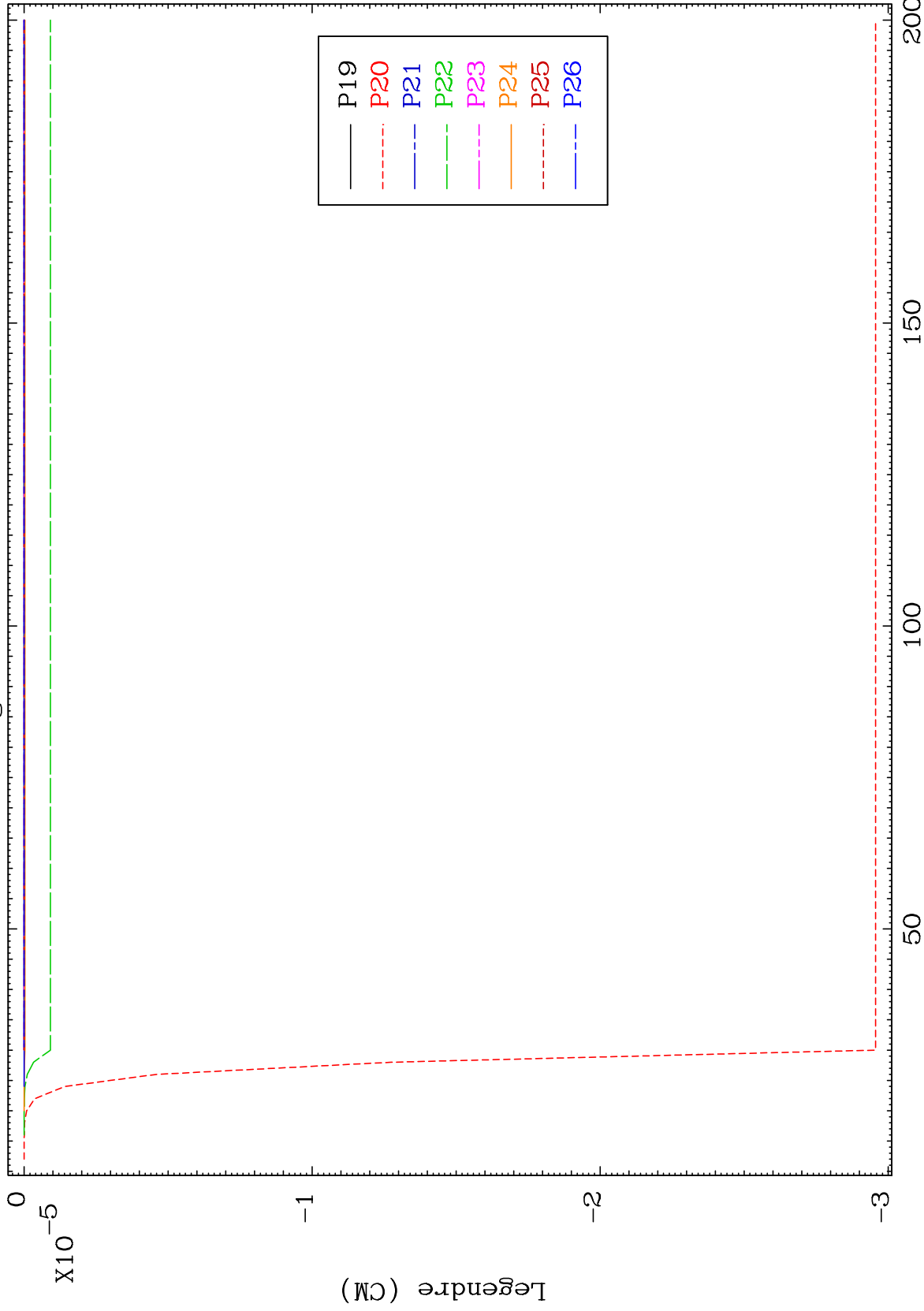
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



78

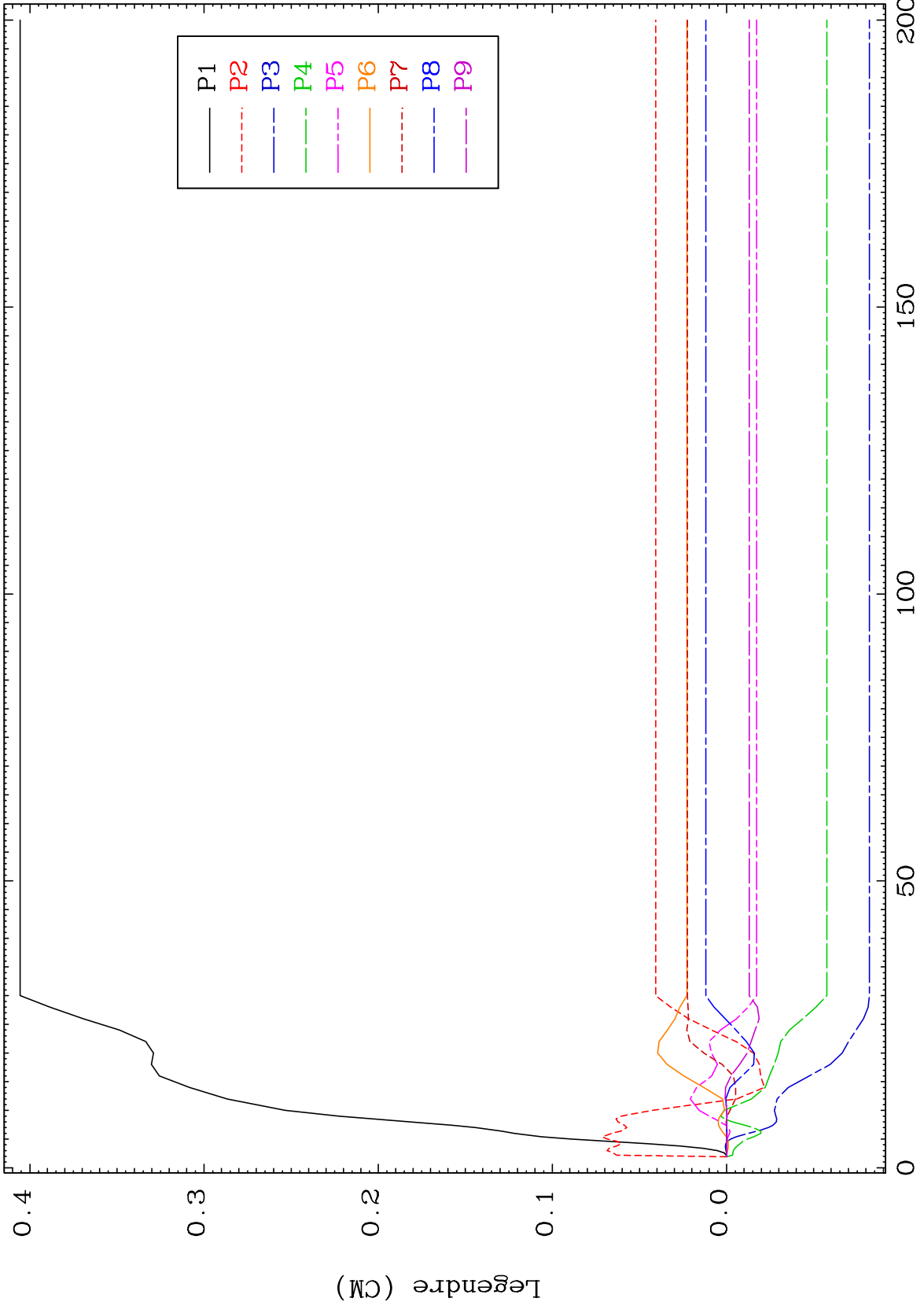
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



79

Incident Energy (MeV)

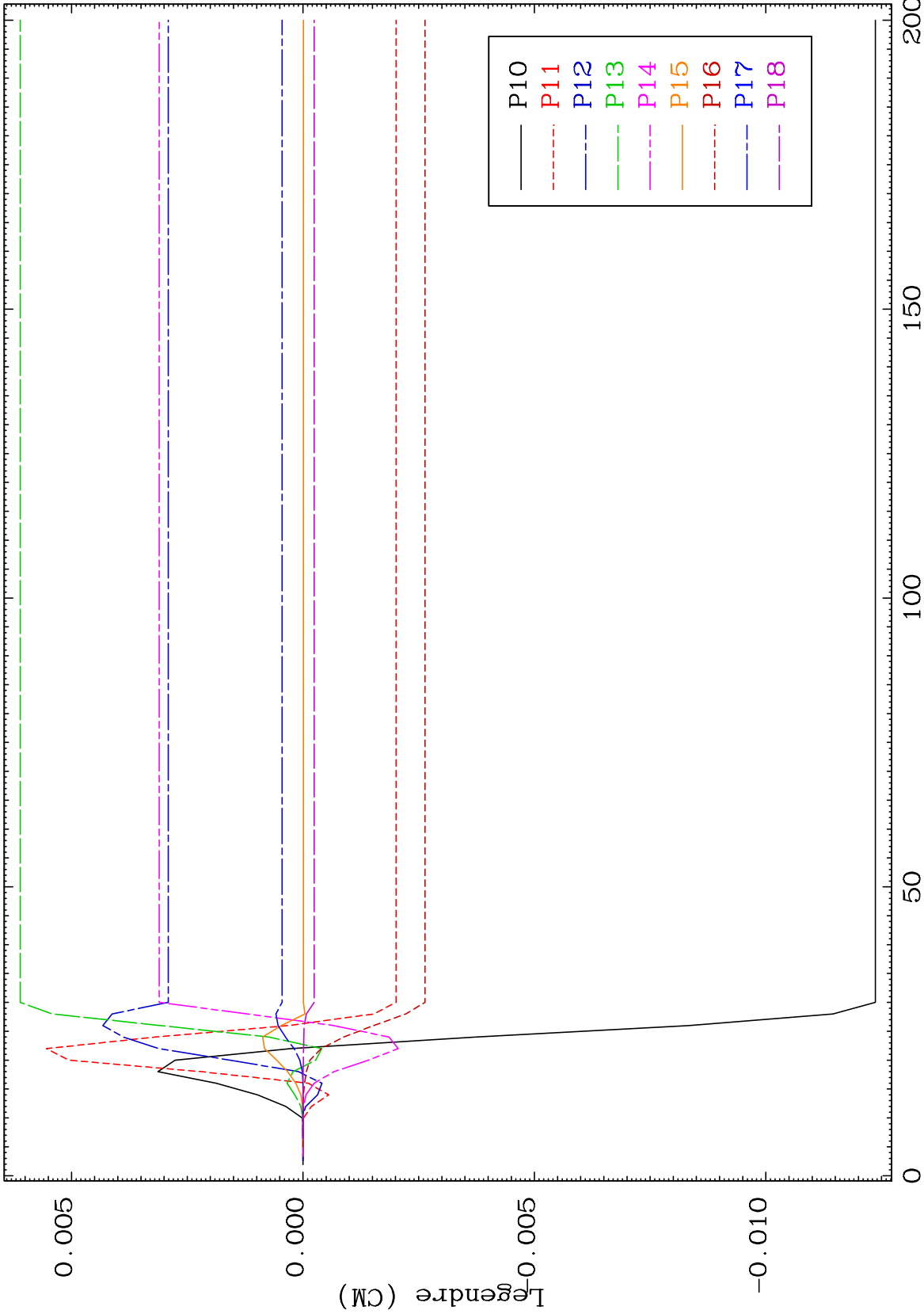
68-Er-172



MAT 6855

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

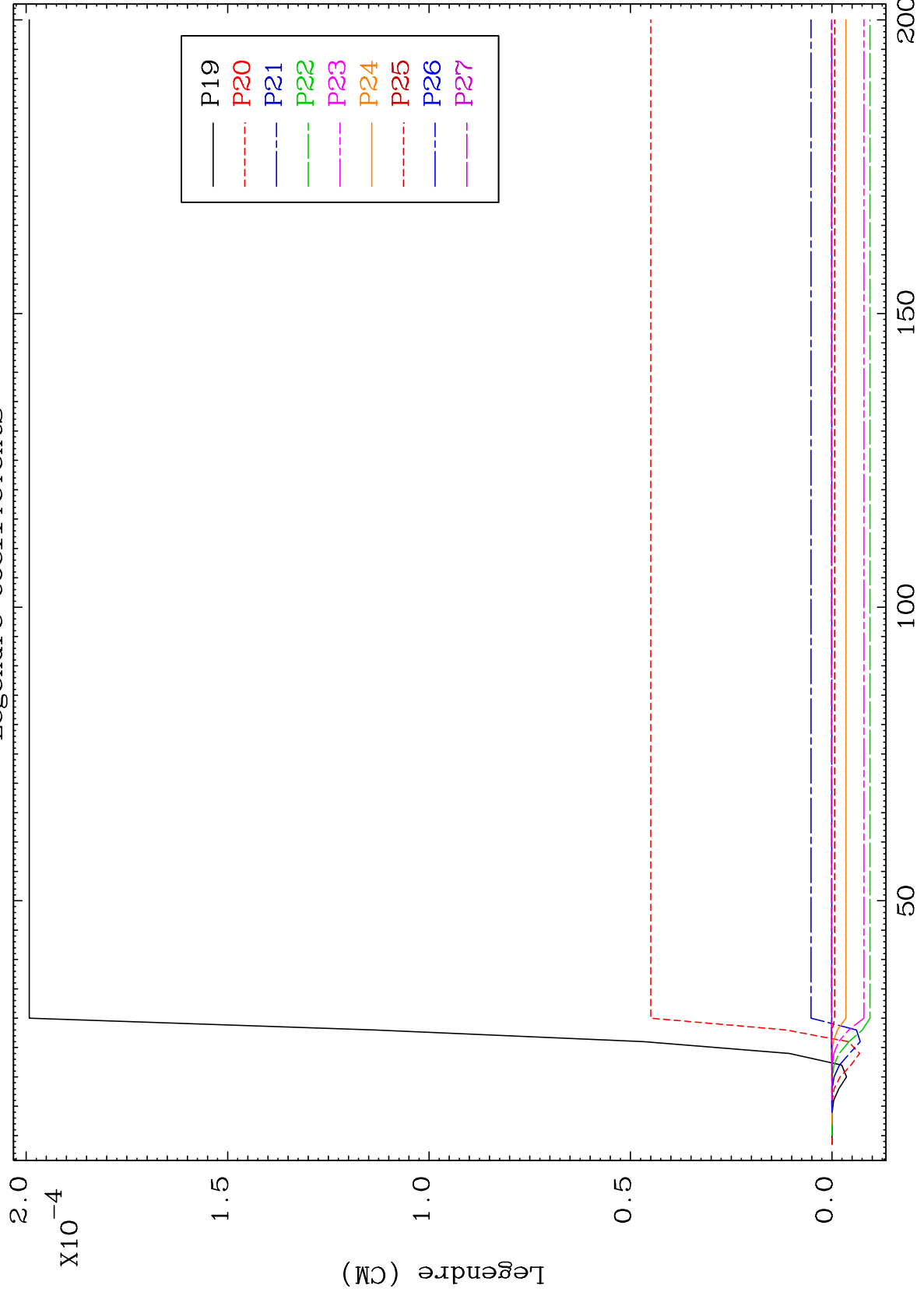
68-Er-172



80

Incident Energy (MeV)

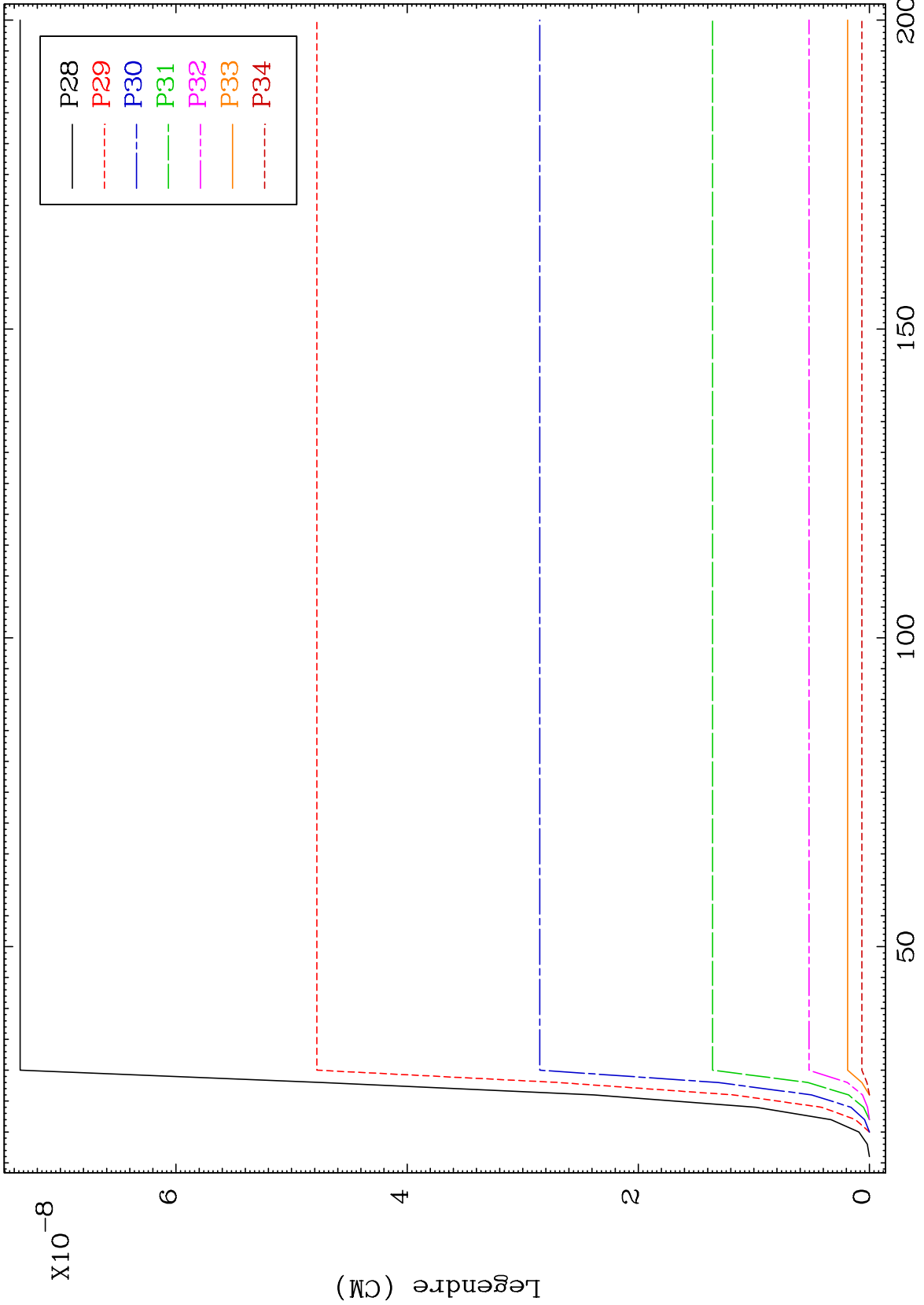
68-Er-172



MAT 6855

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

68-Er-172



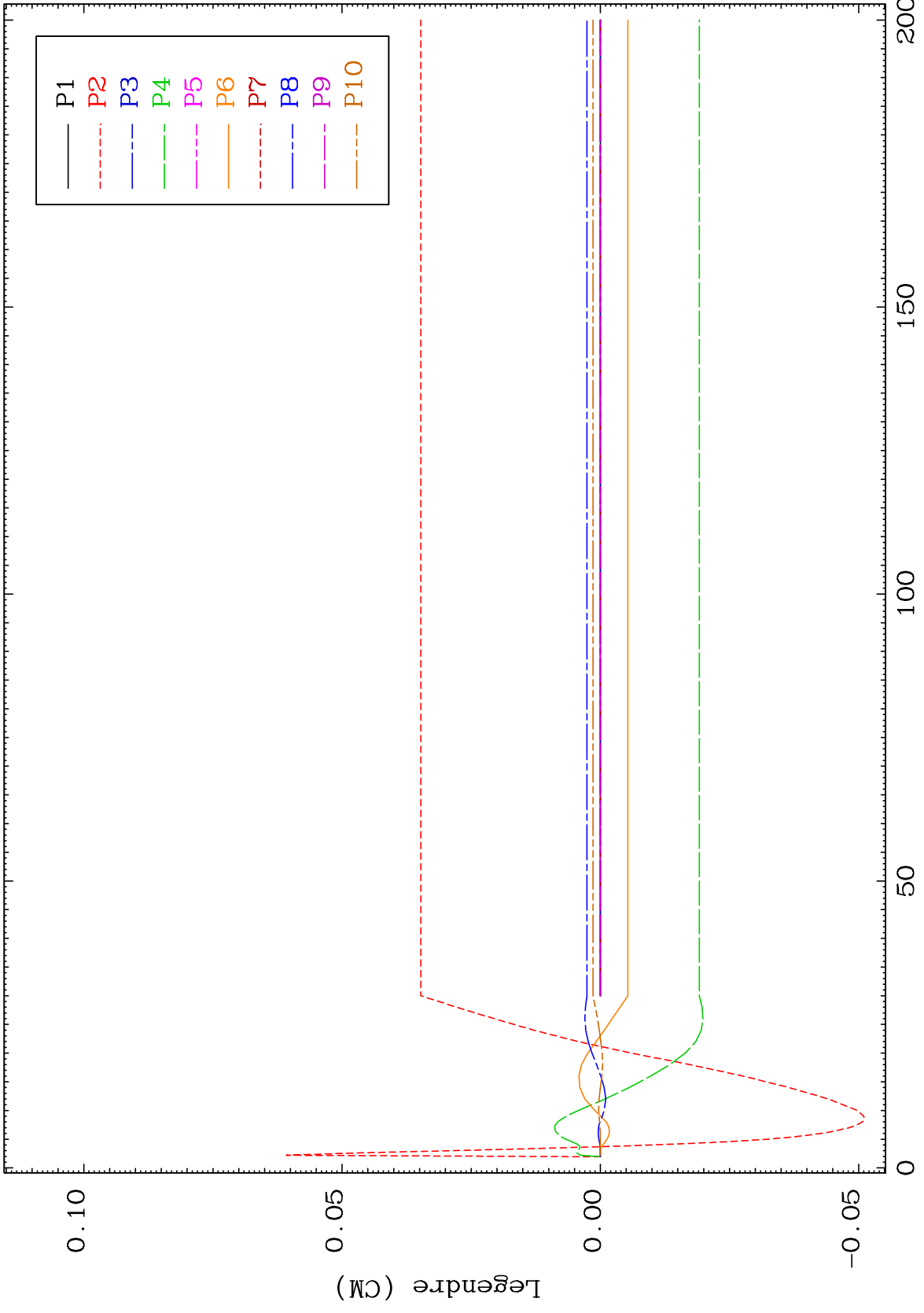
82

68-Er-172

MAT 6855

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

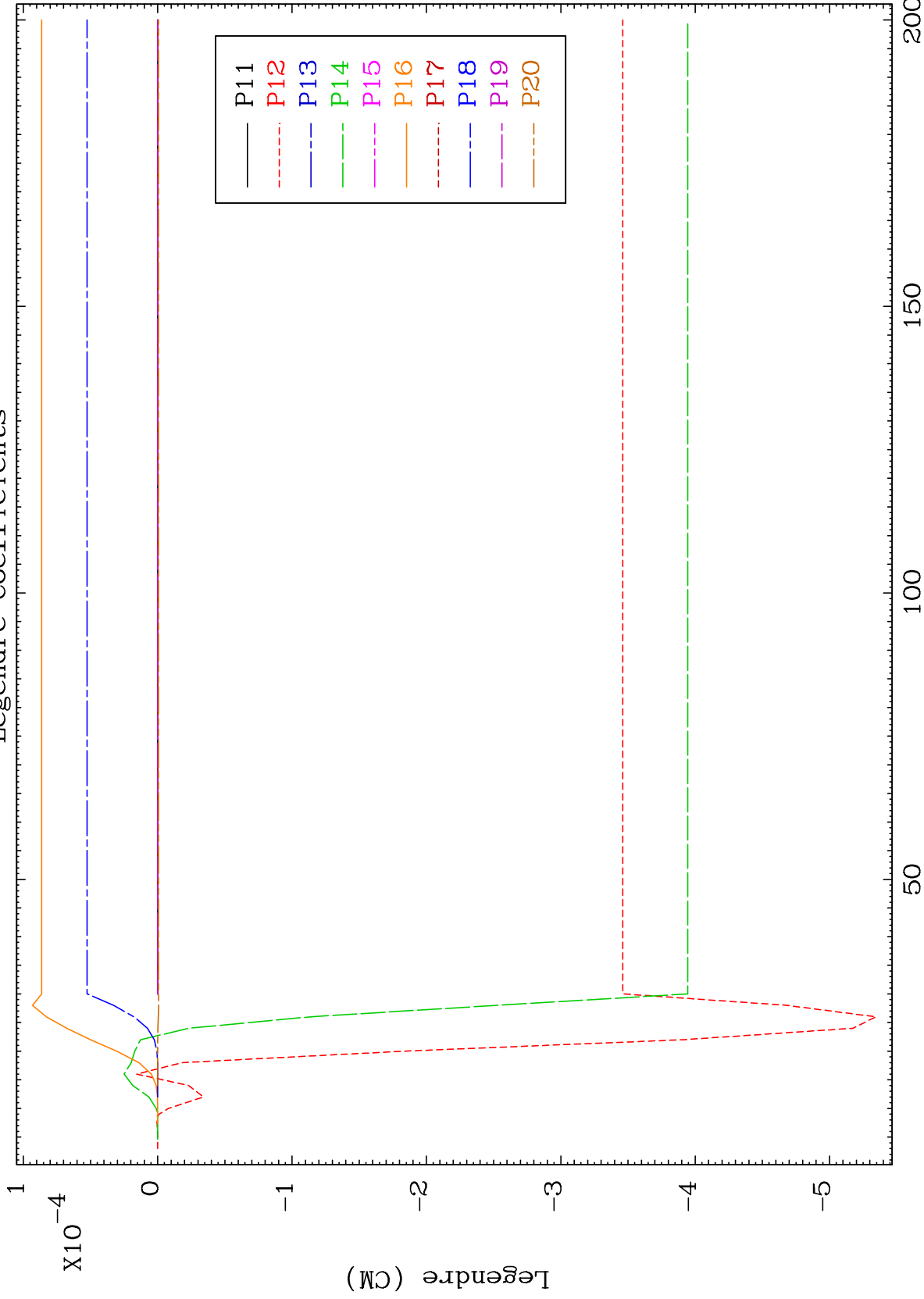
68-Er-172



83

Incident Energy (MeV)

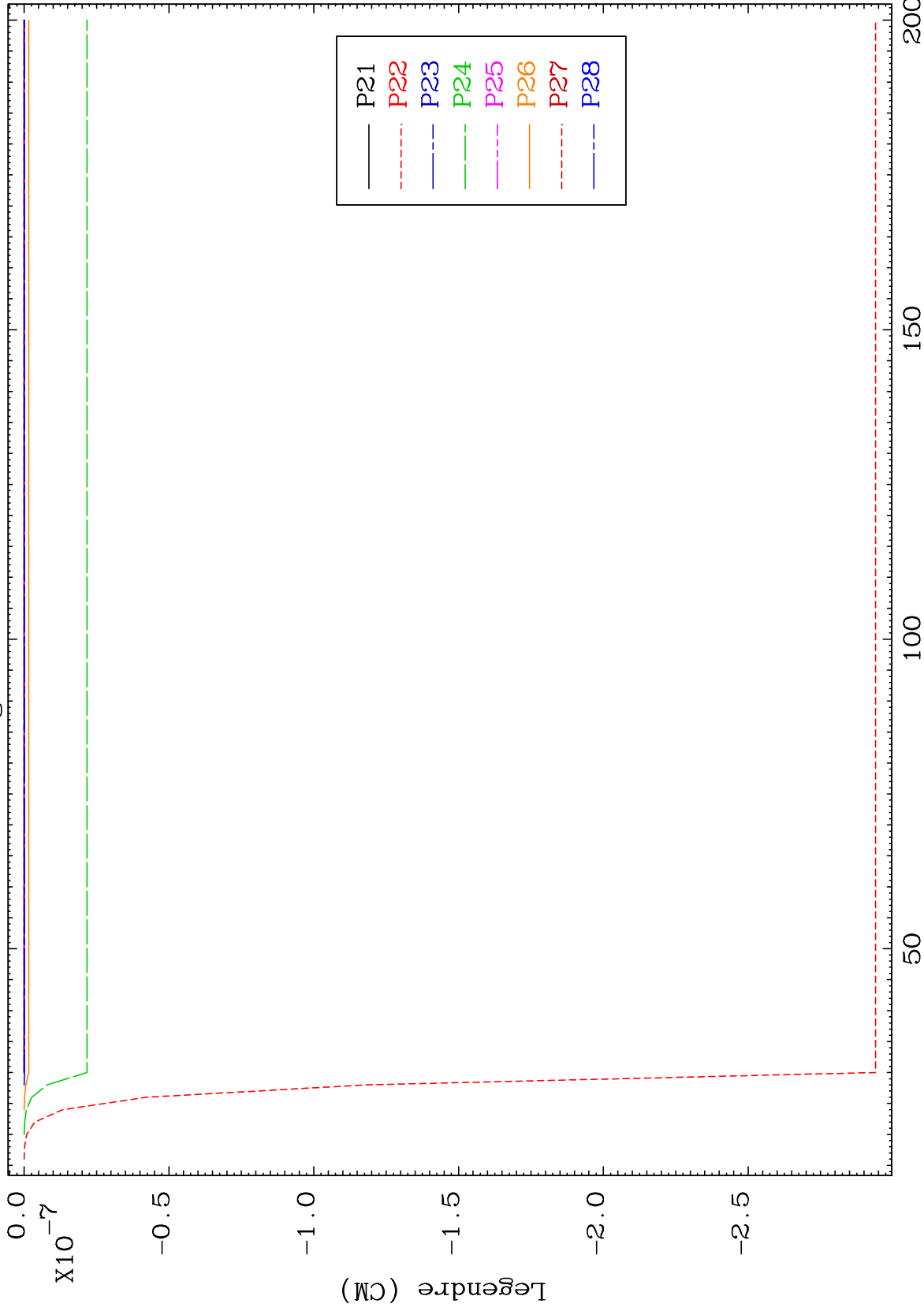
68-Er-172



MAT 6855

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

68-Er-172



85

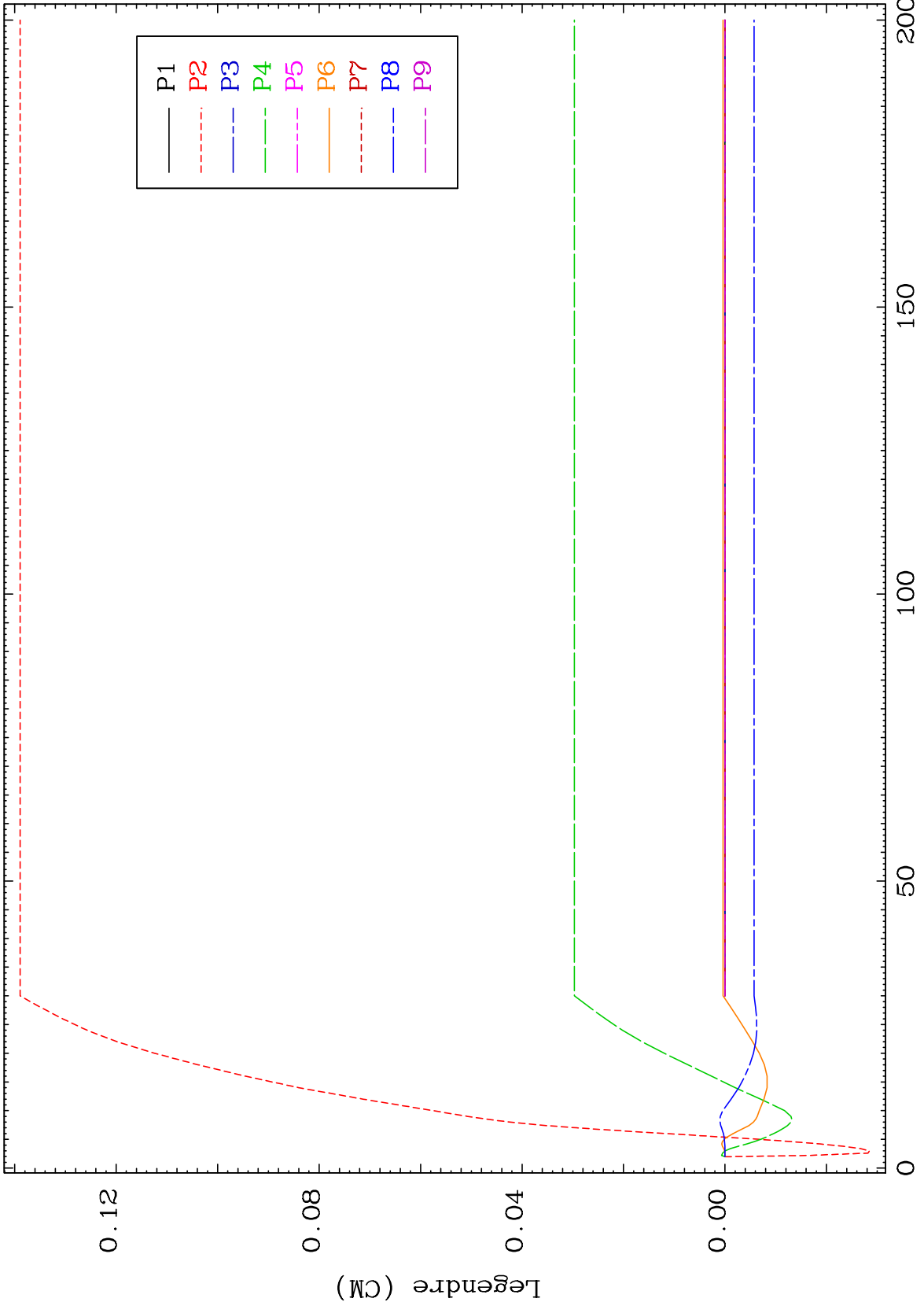
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



86

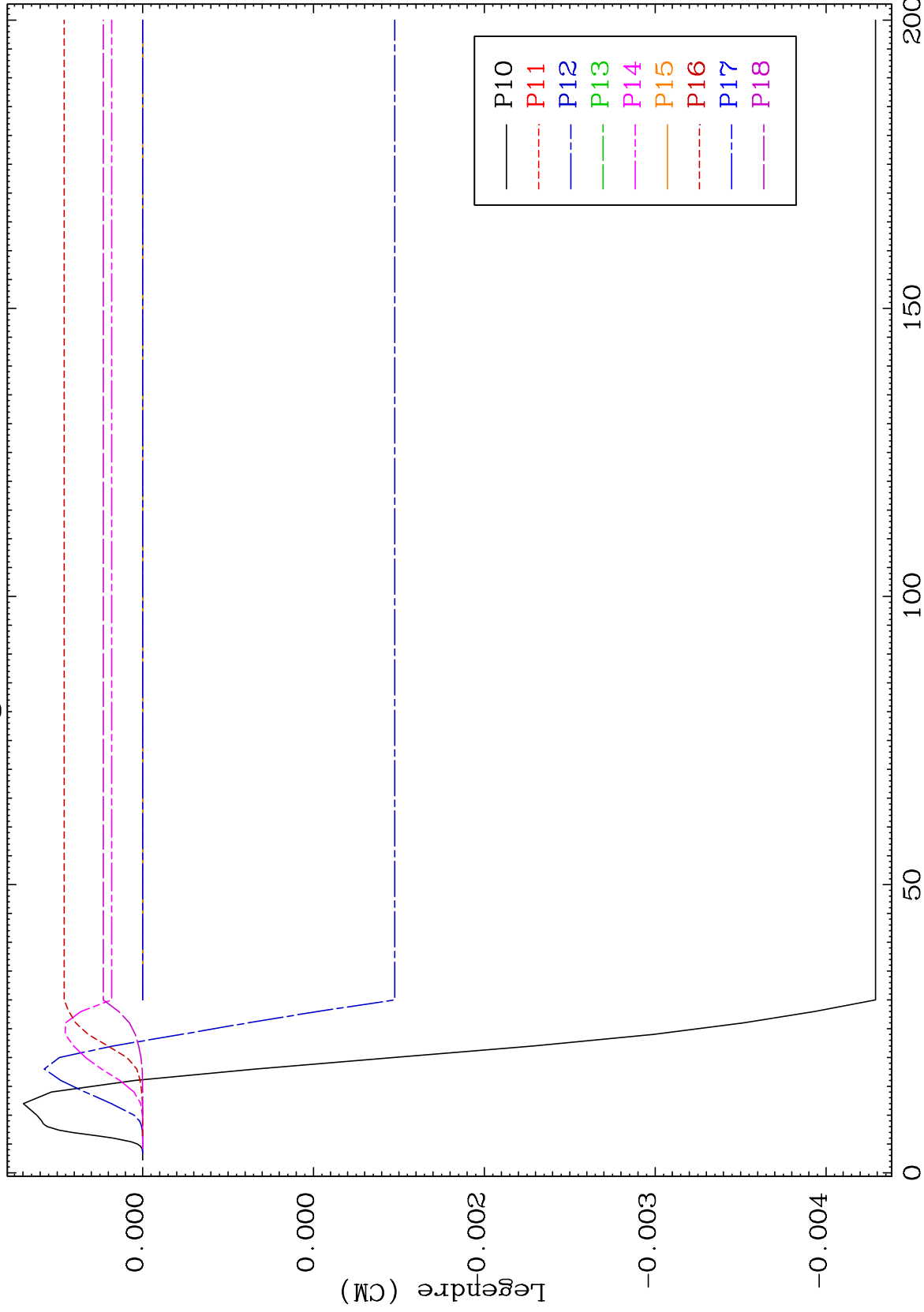
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



87

Incident Energy (MeV)

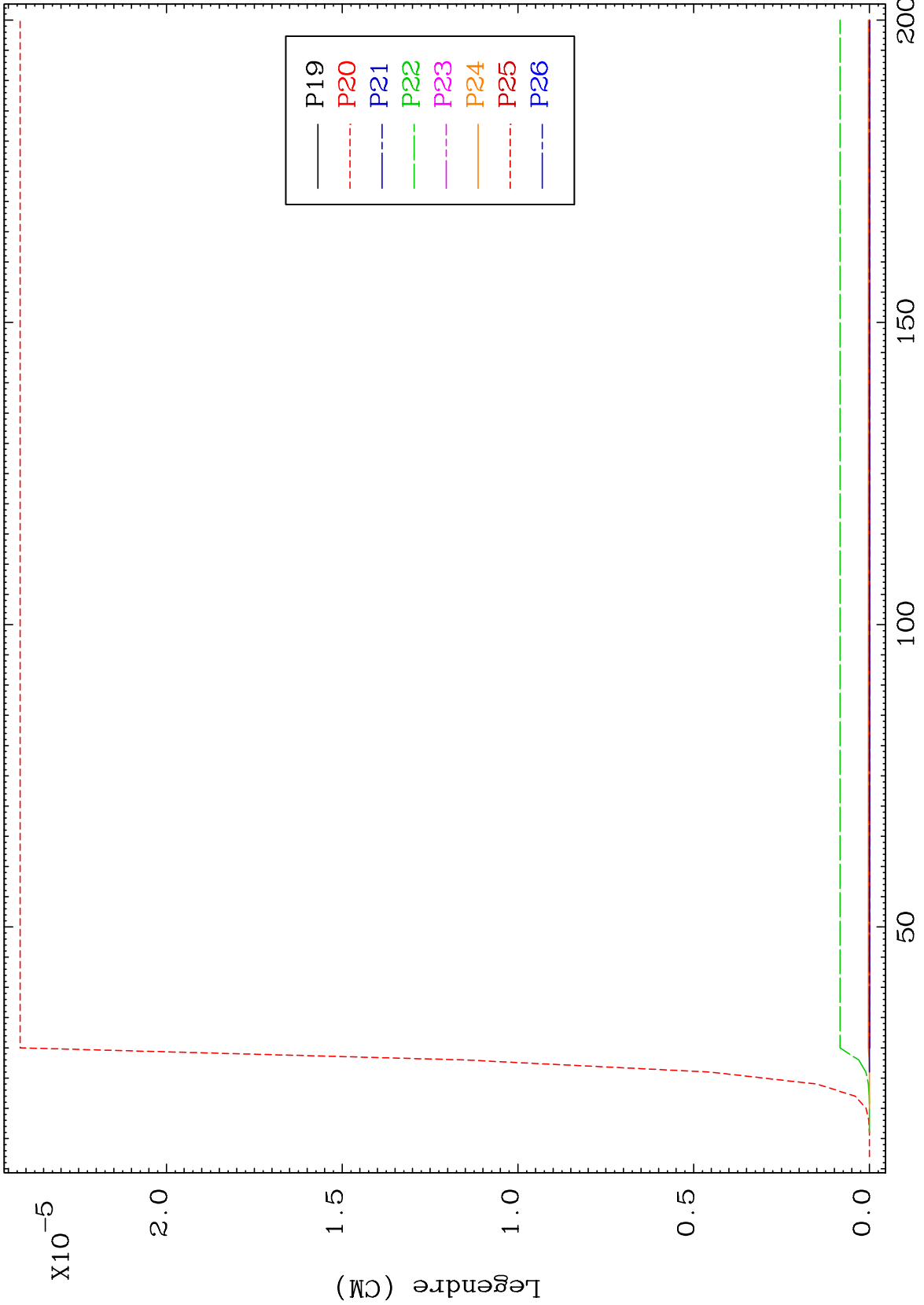
68-Er-172



MAT 6855

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

68-Er-172



88

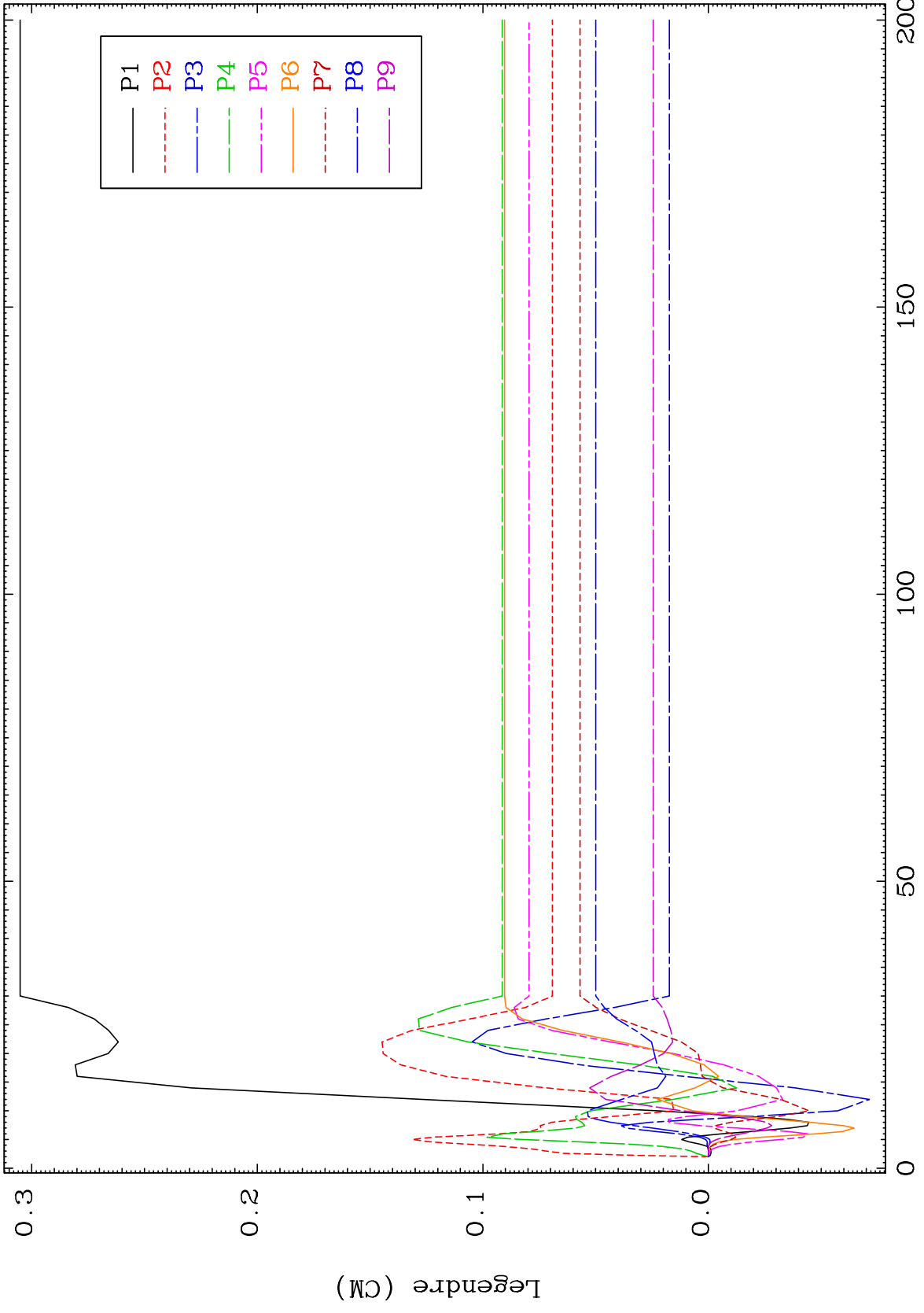
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



89

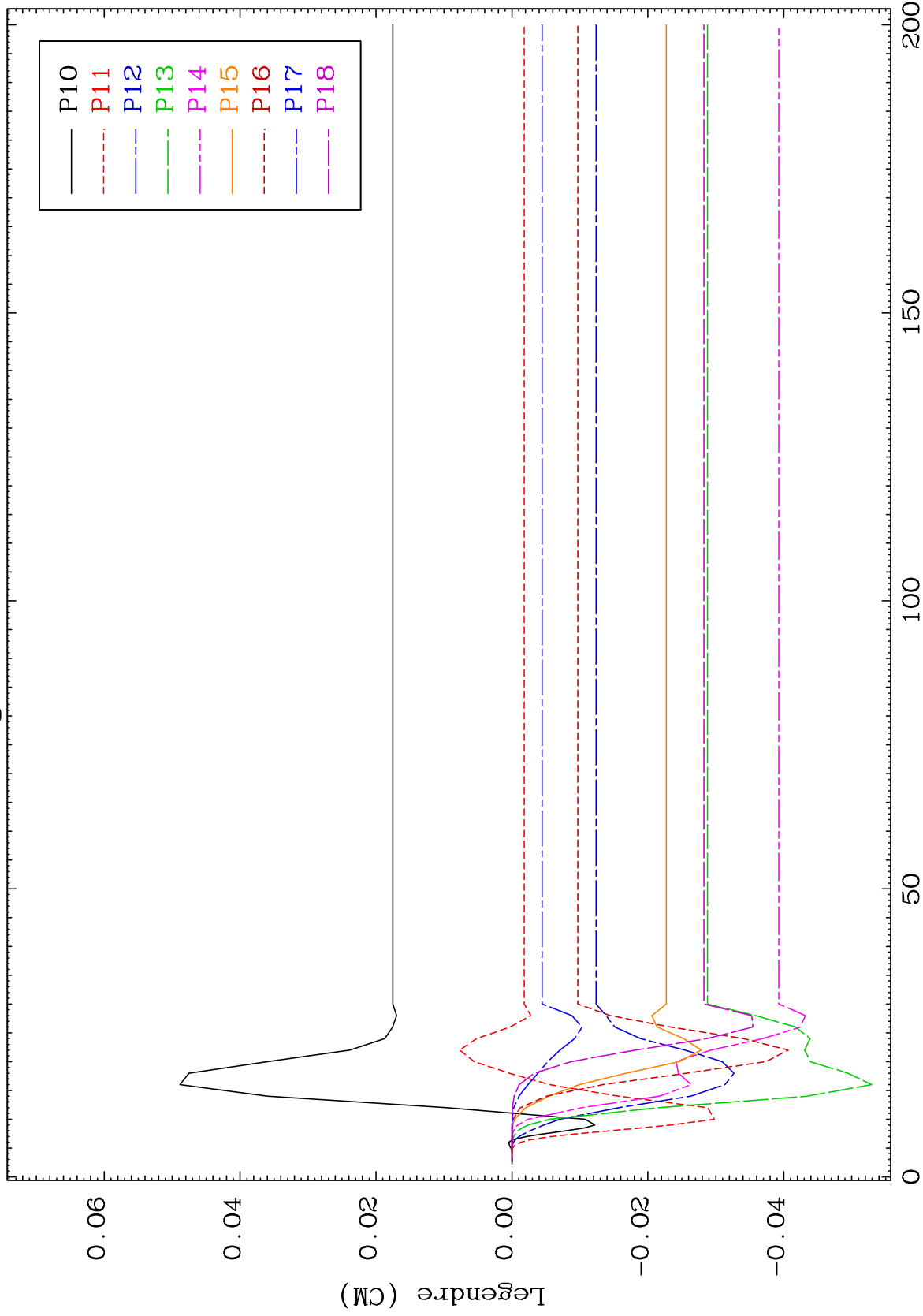
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



90

Incident Energy (MeV)

150

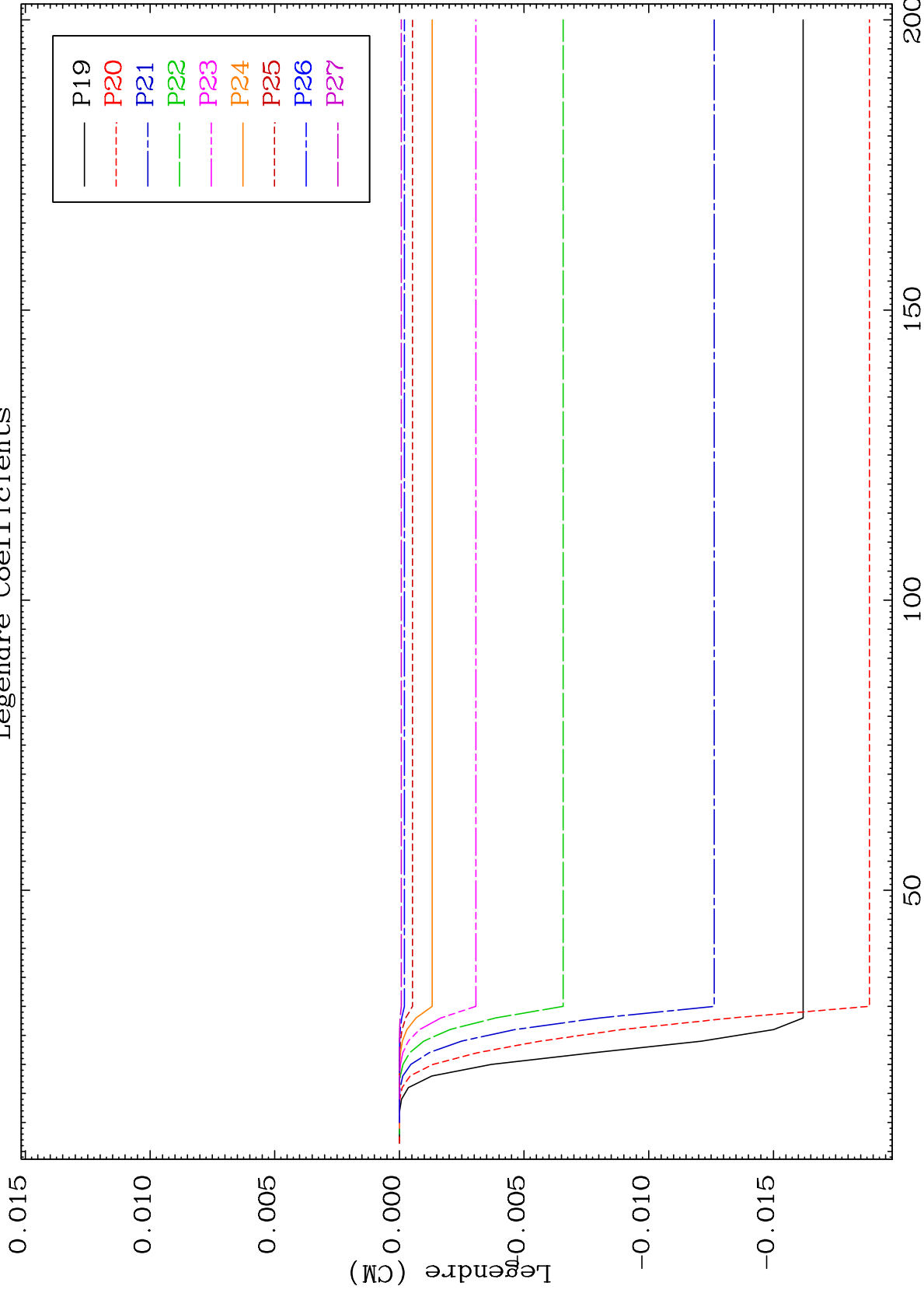
200

68-Er-172

MAT 6855

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

68-Er-172



91

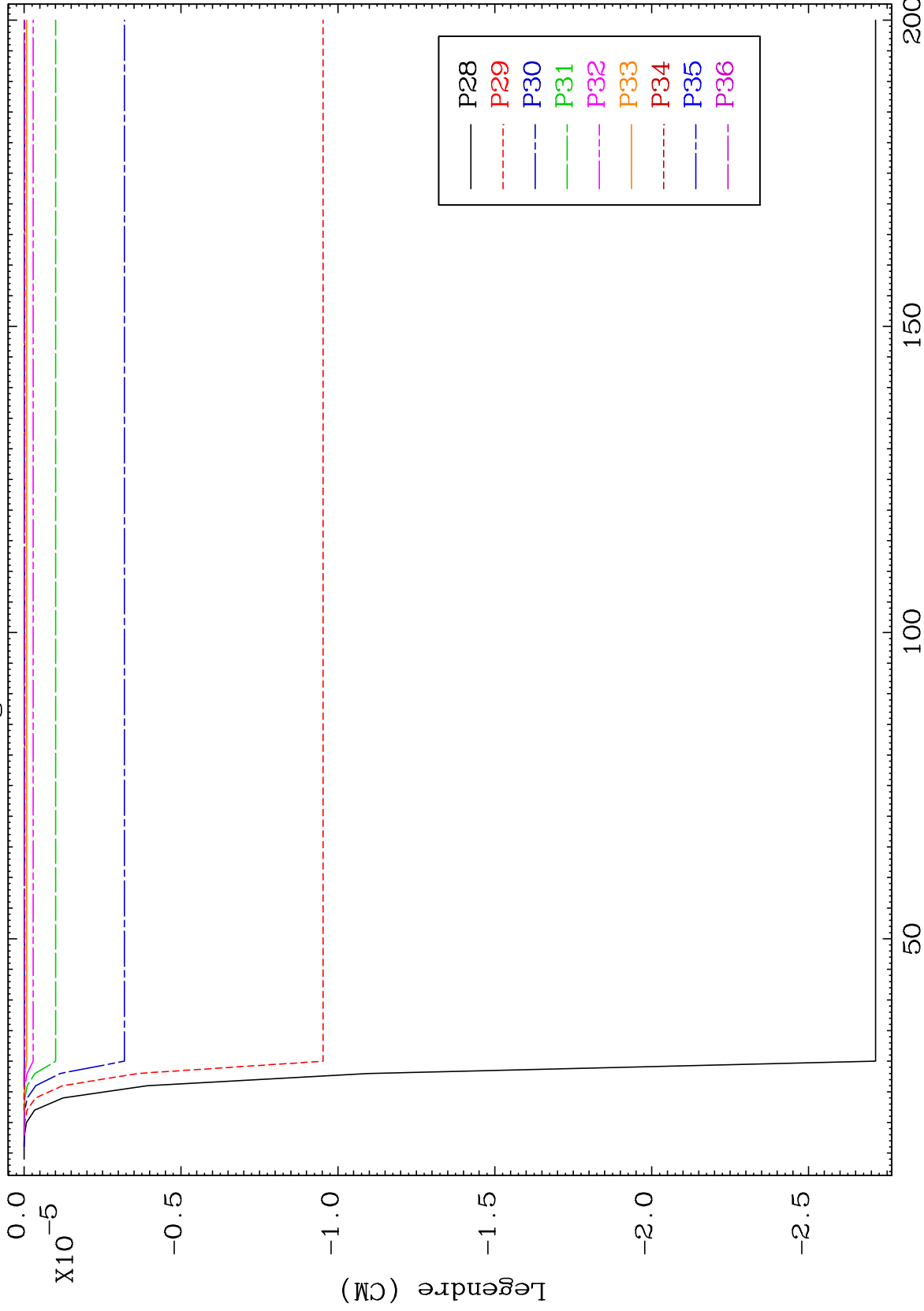
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



92

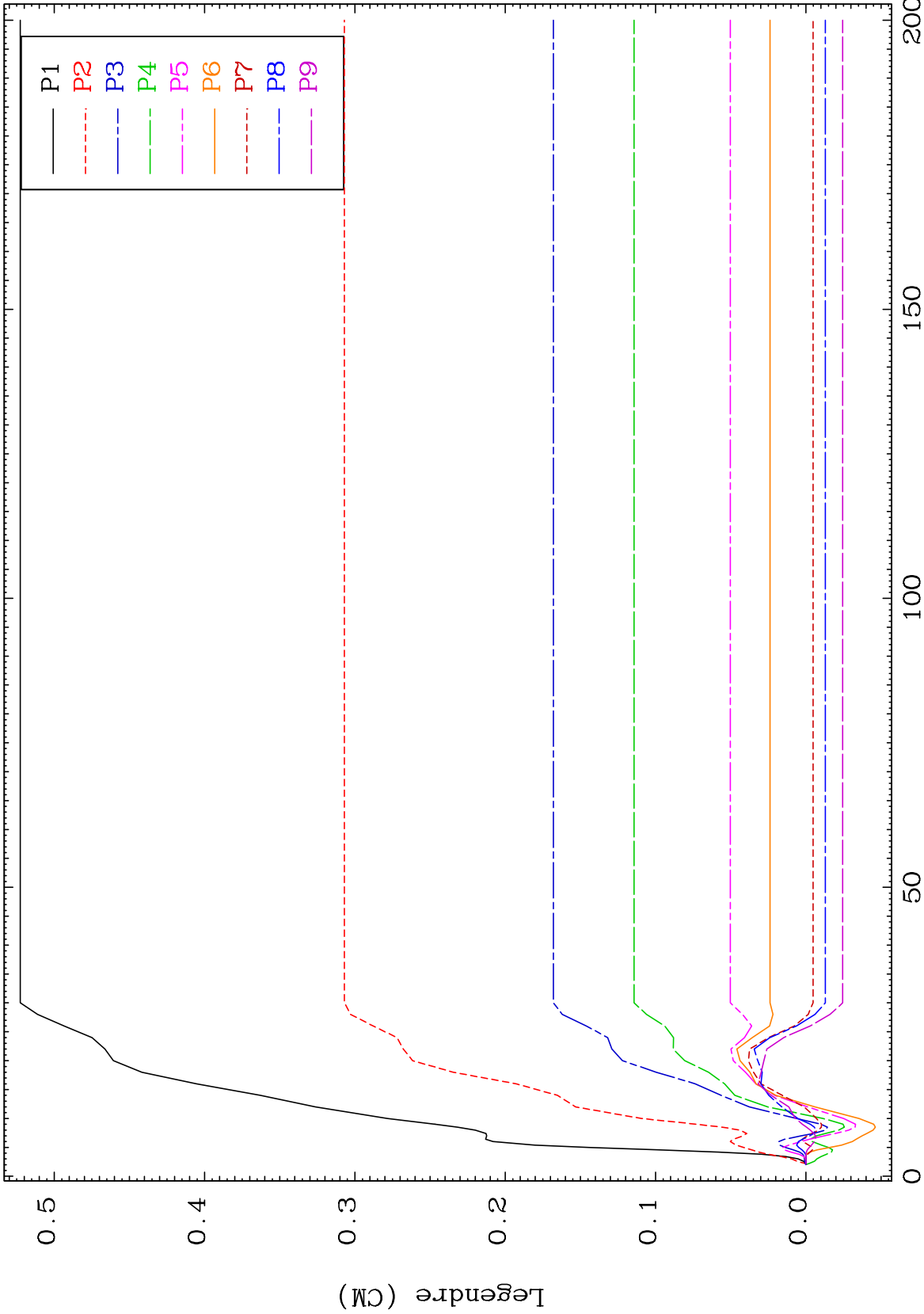
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



93

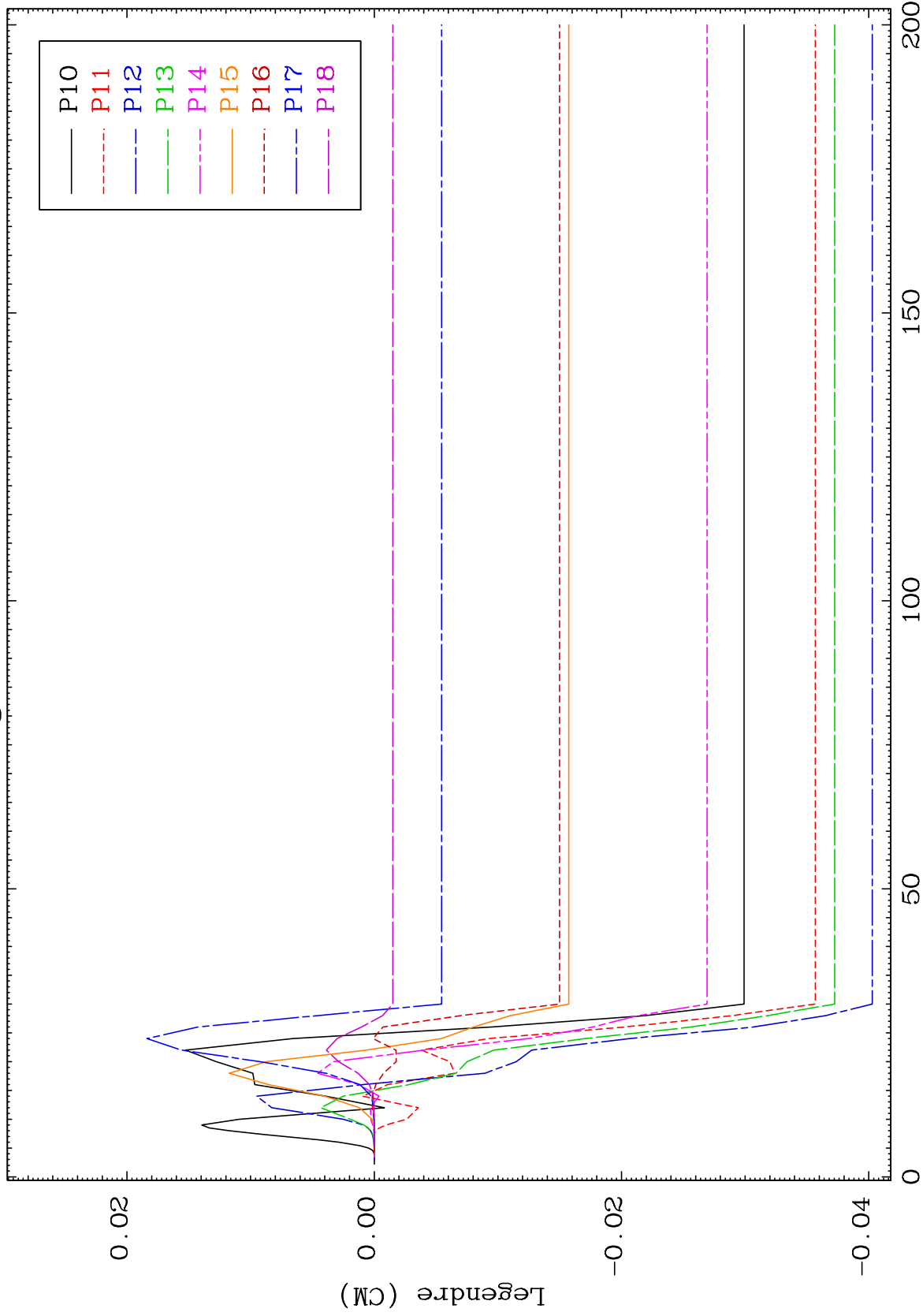
Incident Energy (MeV)

68-Er-172

MAT 6855

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

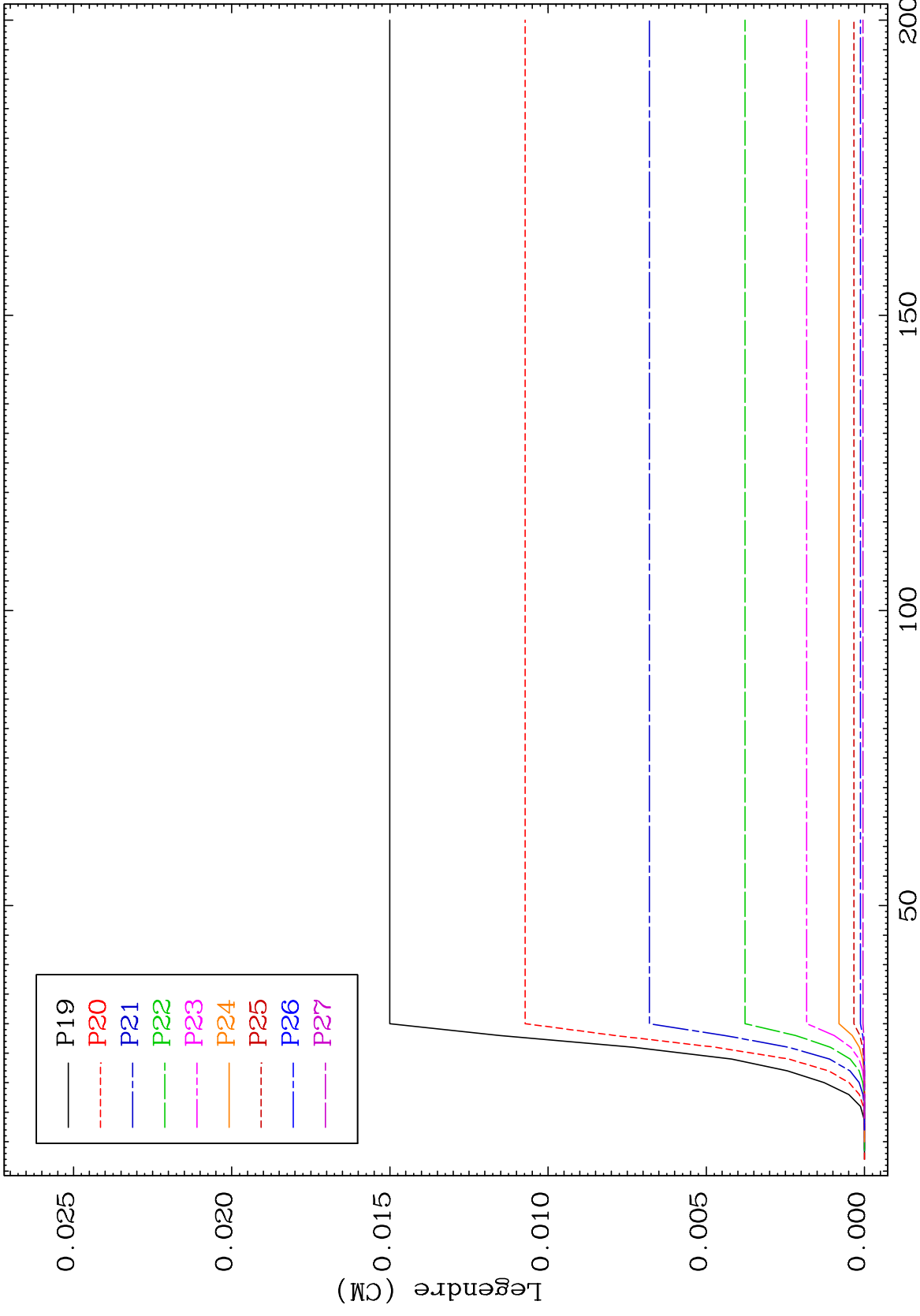
68-Er-172



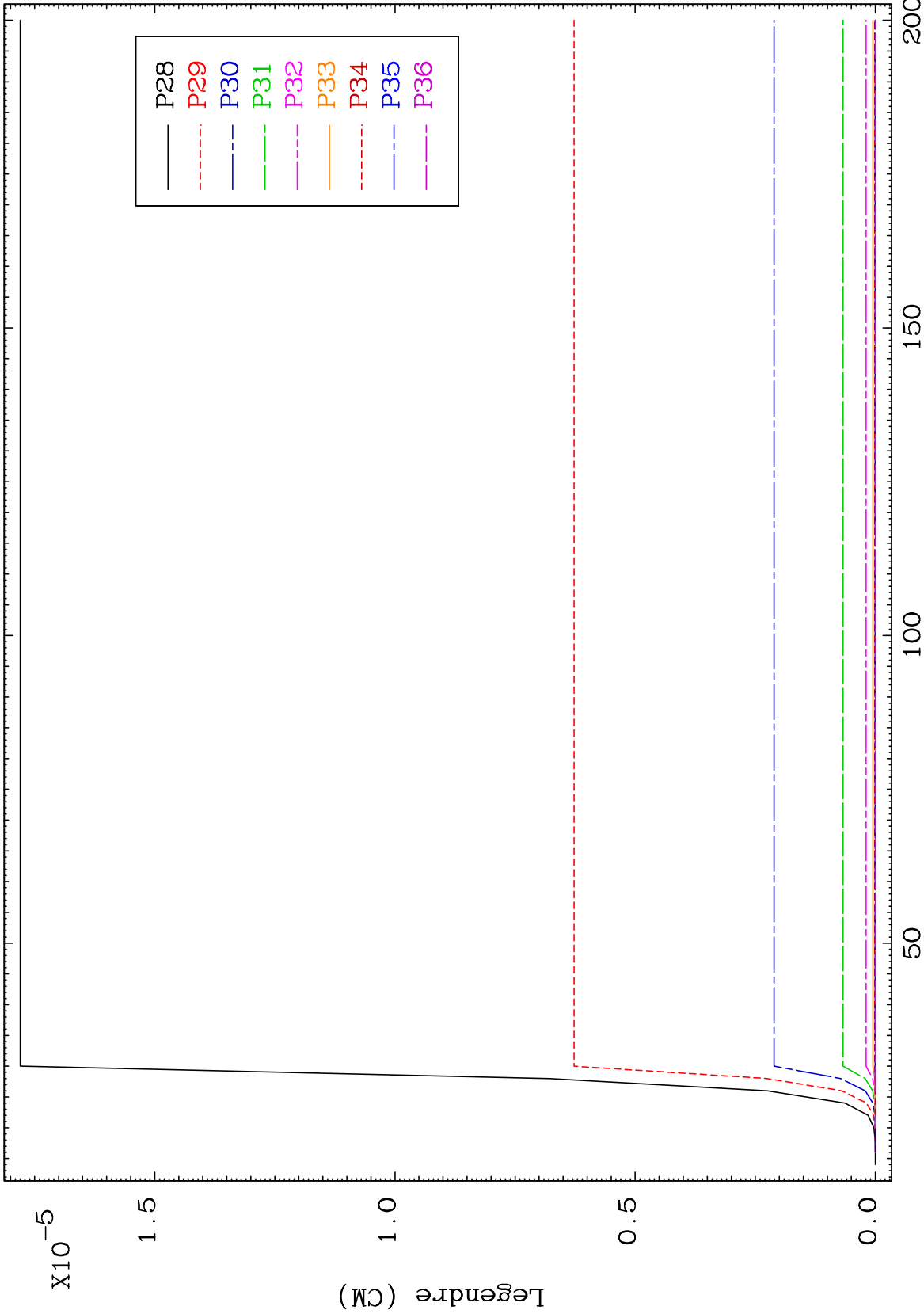
94

Incident Energy (MeV)

68-Er-172



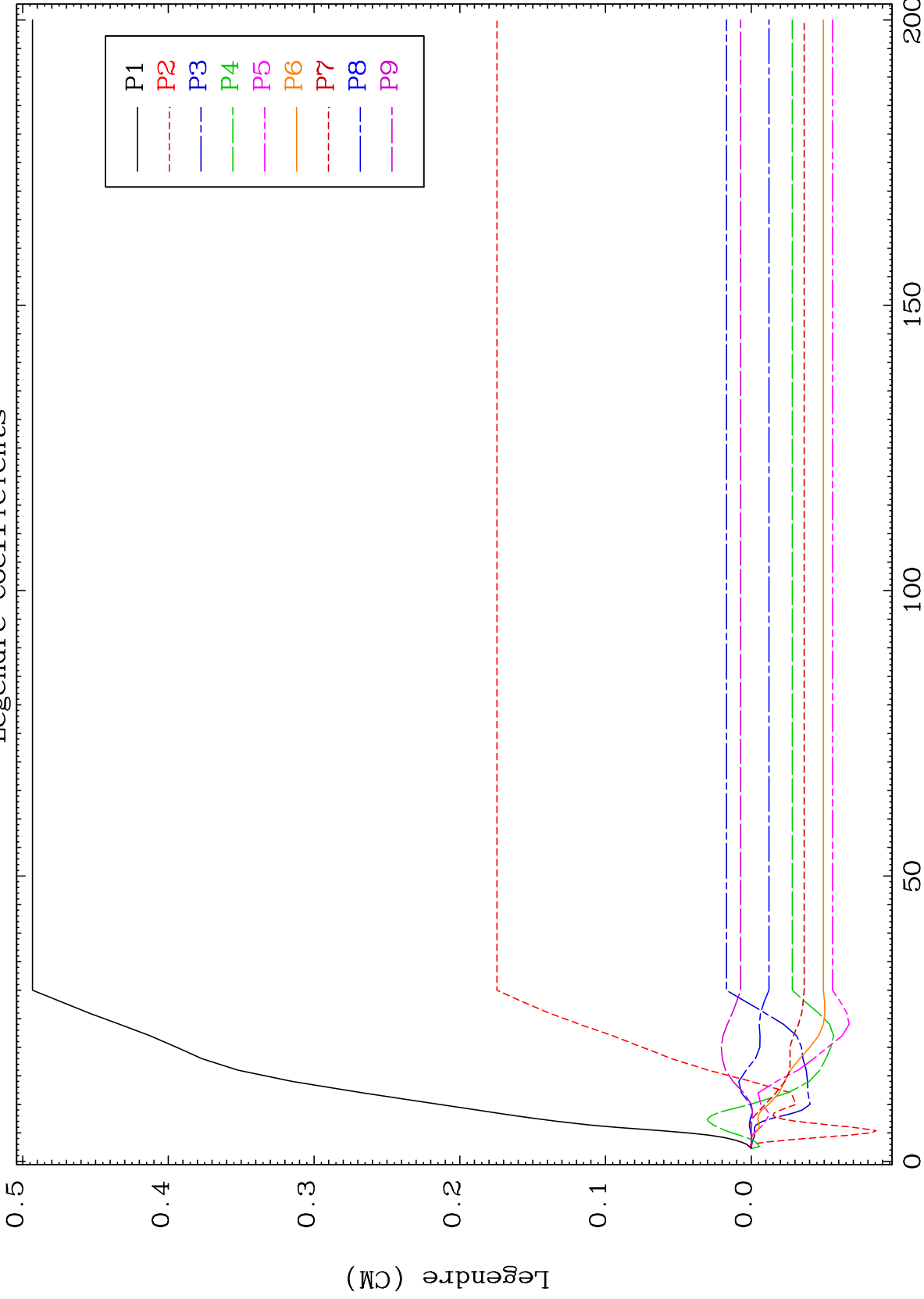




MAT 6855

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

68-Er-172



97

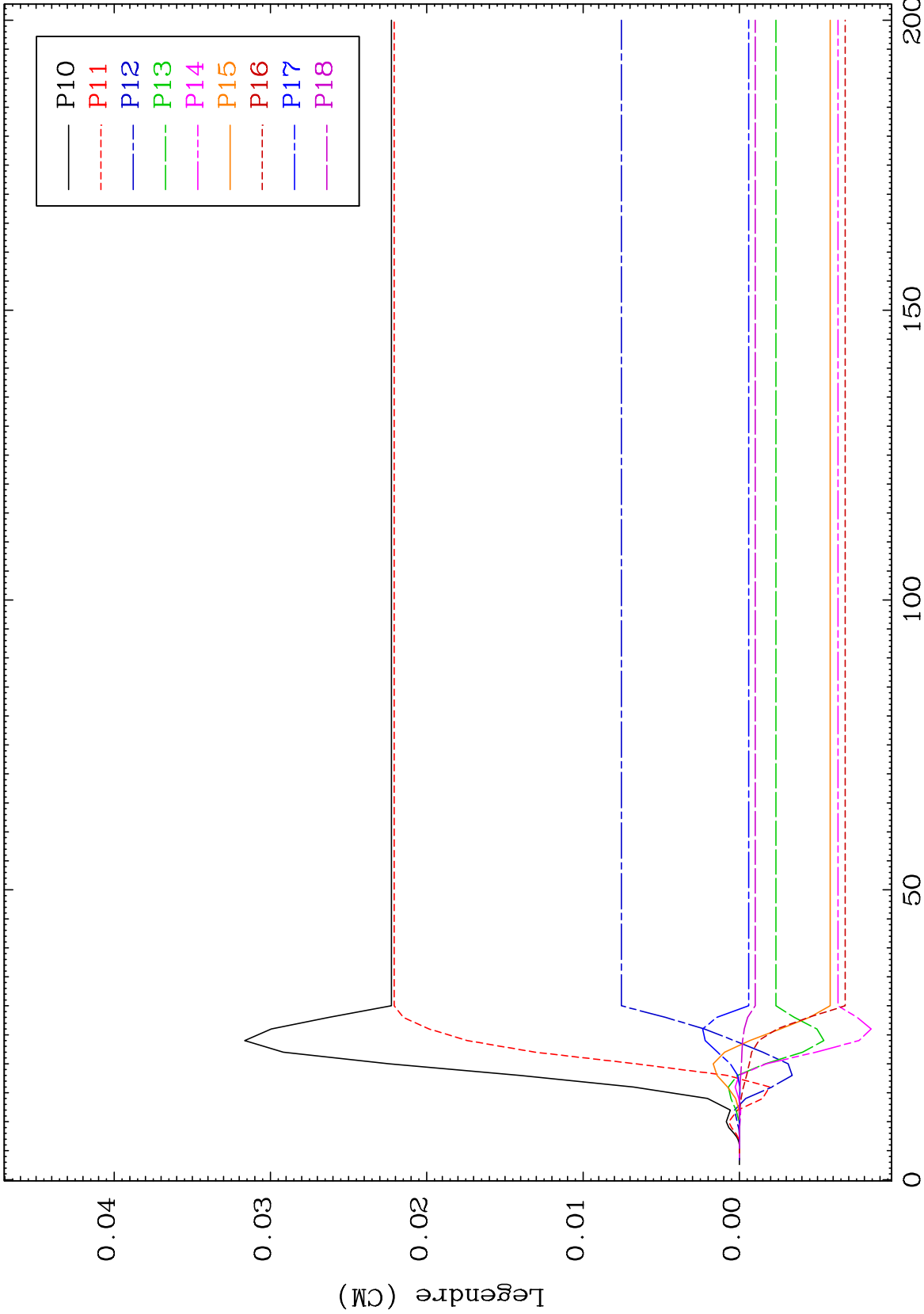
Incident Energy (MeV)

68-Er-172

MAT 6855

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

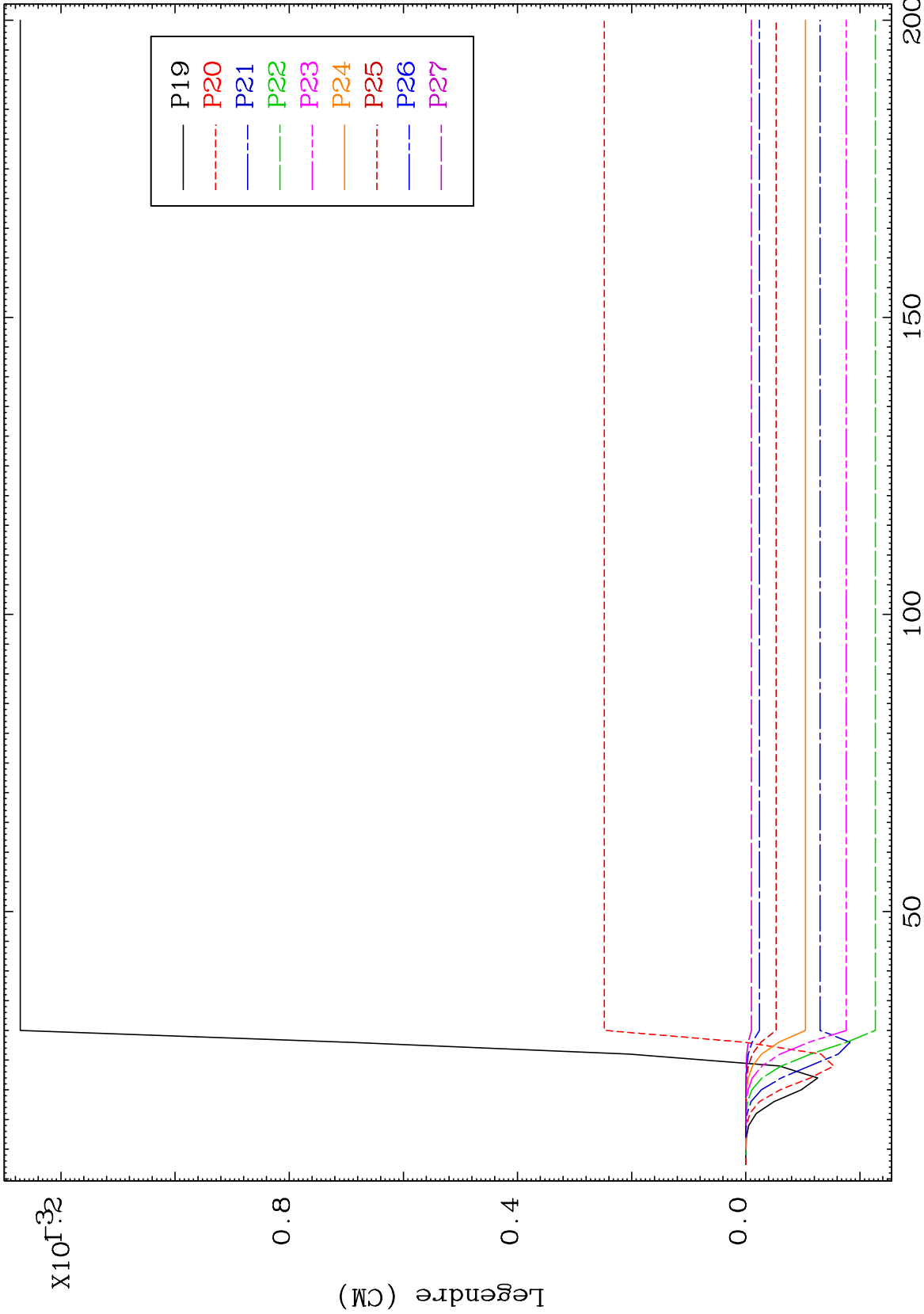
68-Er-172



98

Incident Energy (MeV)

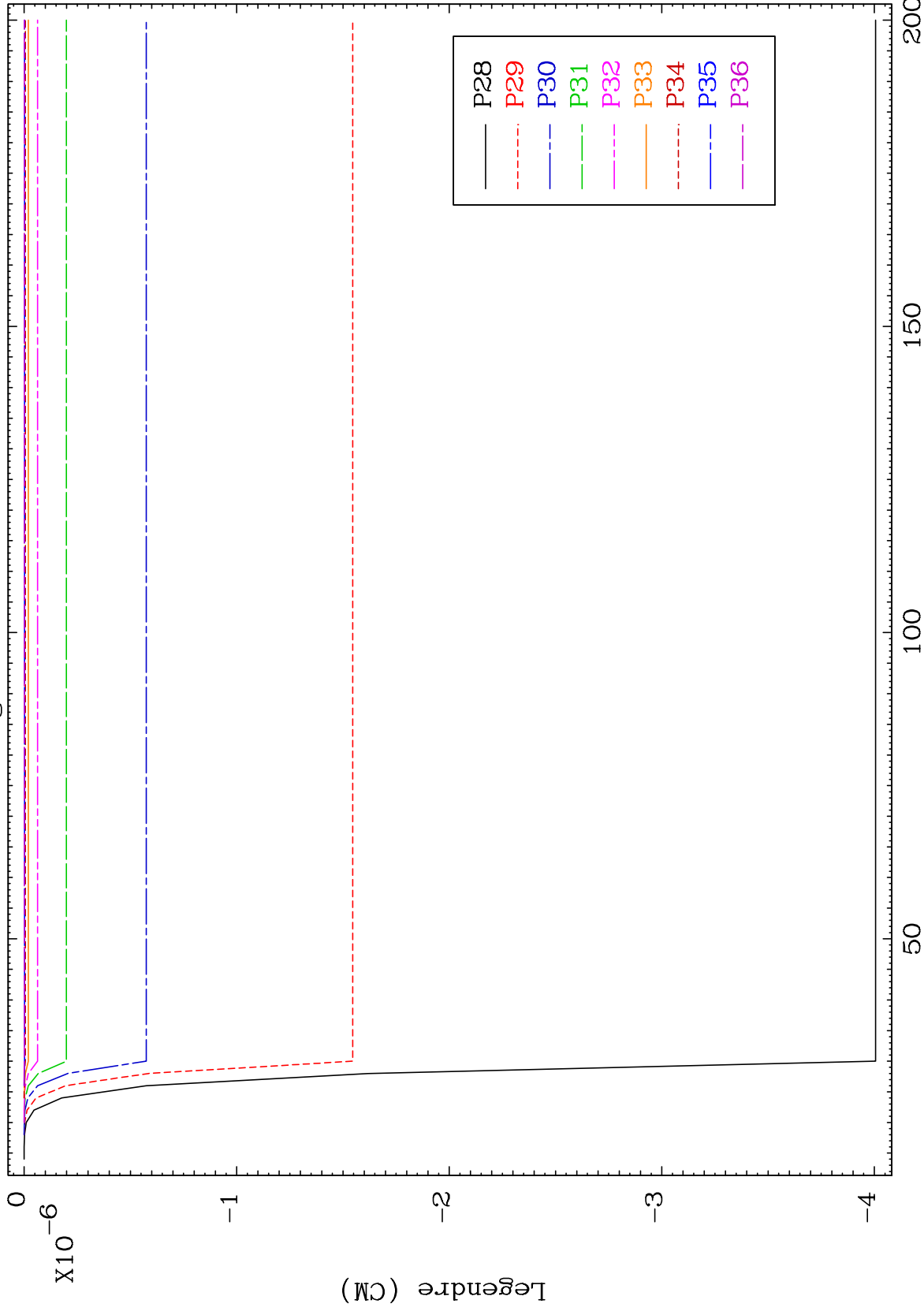
68-Er-172



MAT 6855

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

68-Er-172



100

Incident Energy (MeV)

50

100

150

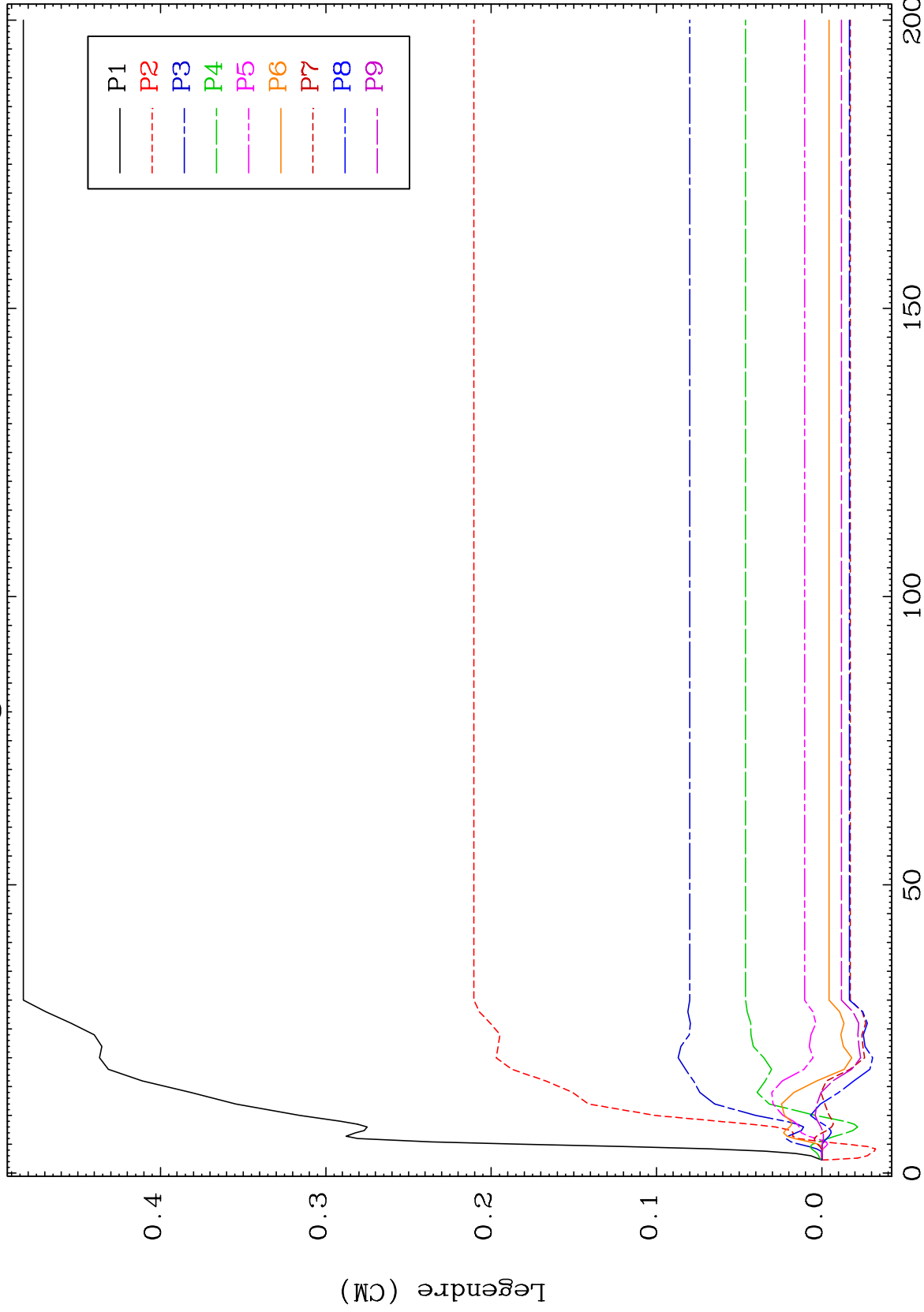
200

68-Er-172

MAT 6855

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

68-Er-172



101

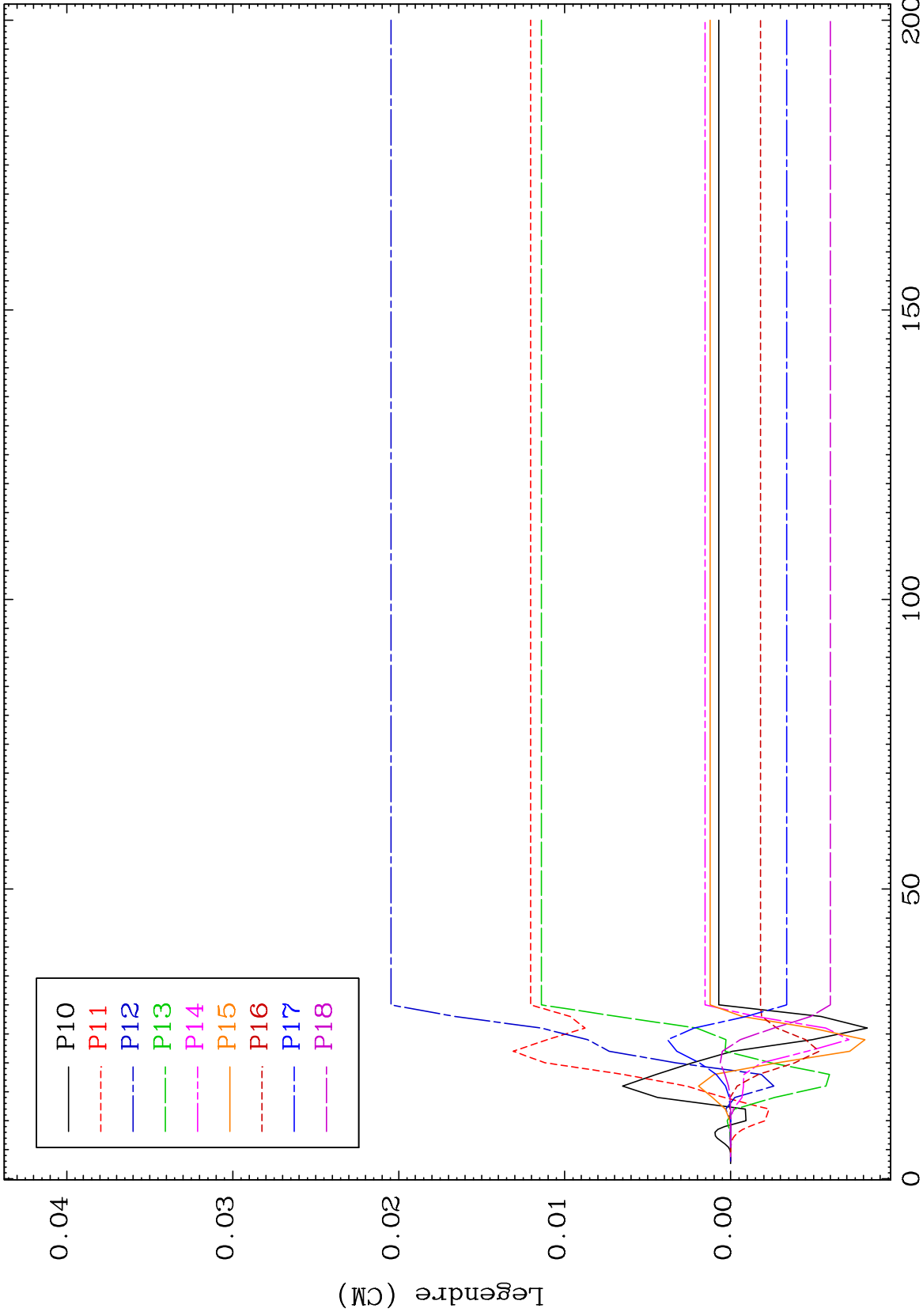
Incident Energy (MeV)

68-Er-172

MAT 6855

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

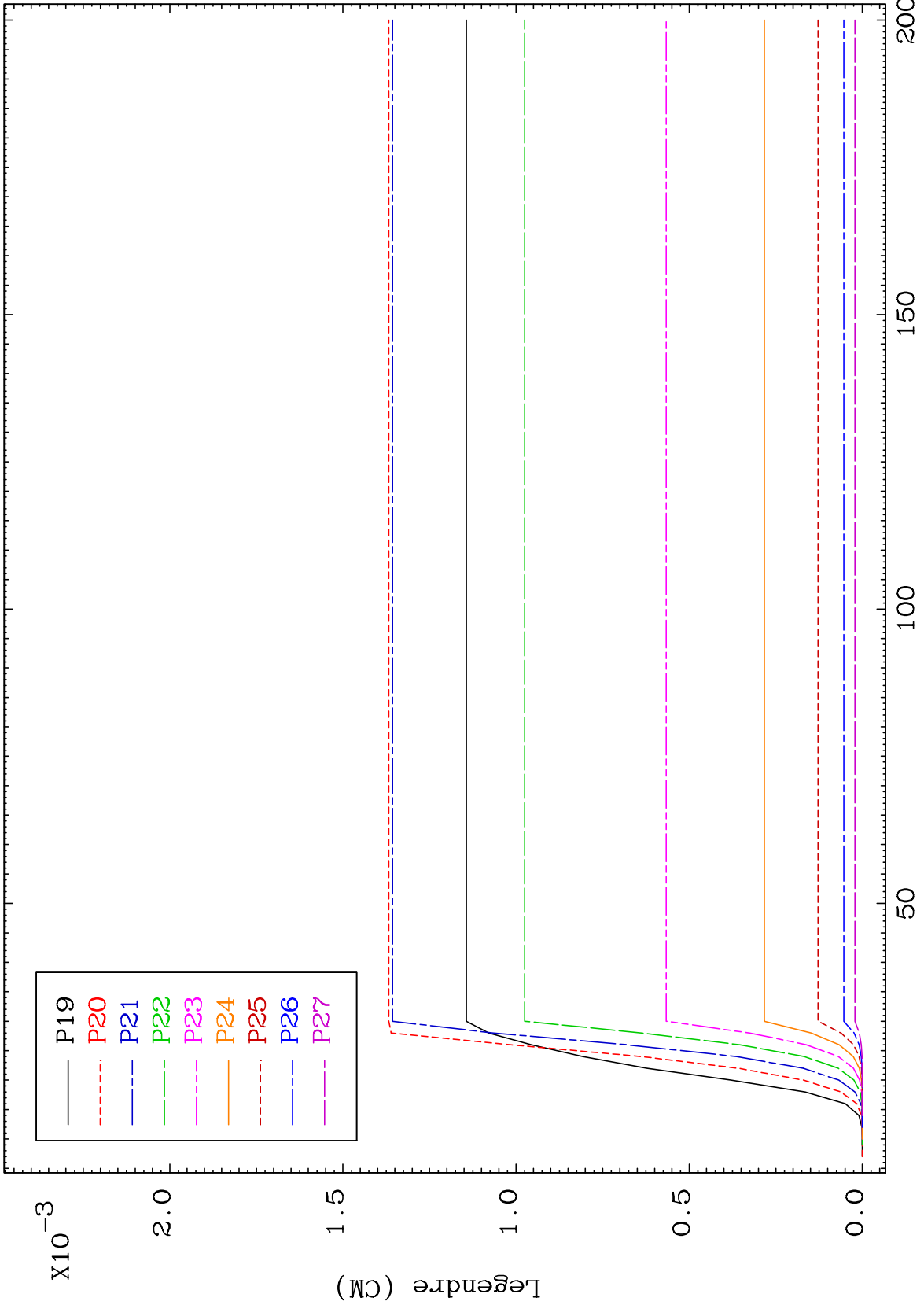
68-Er-172



102

Incident Energy (MeV)

68-Er-172

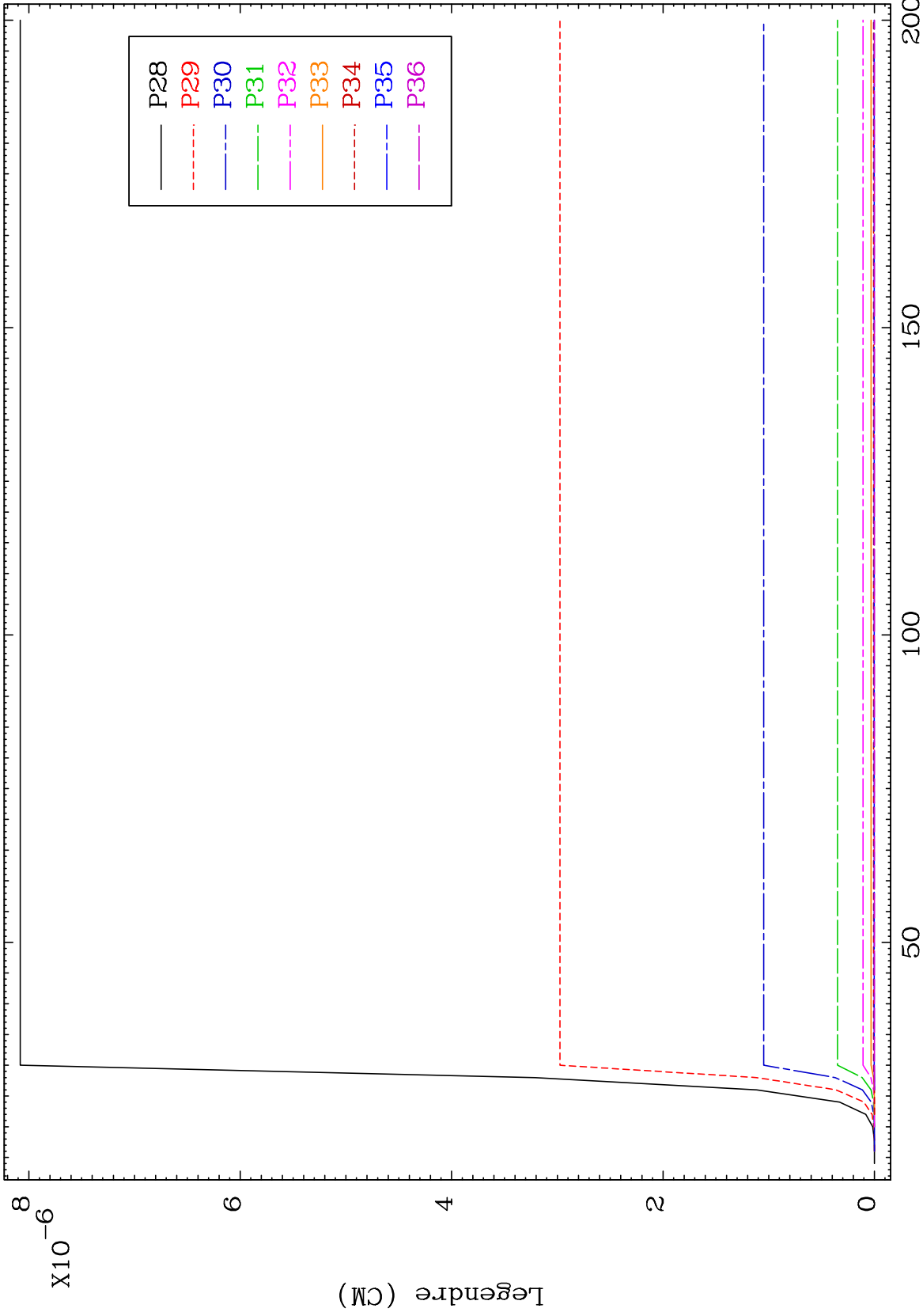




MAT 6855

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

68-Er-172



104

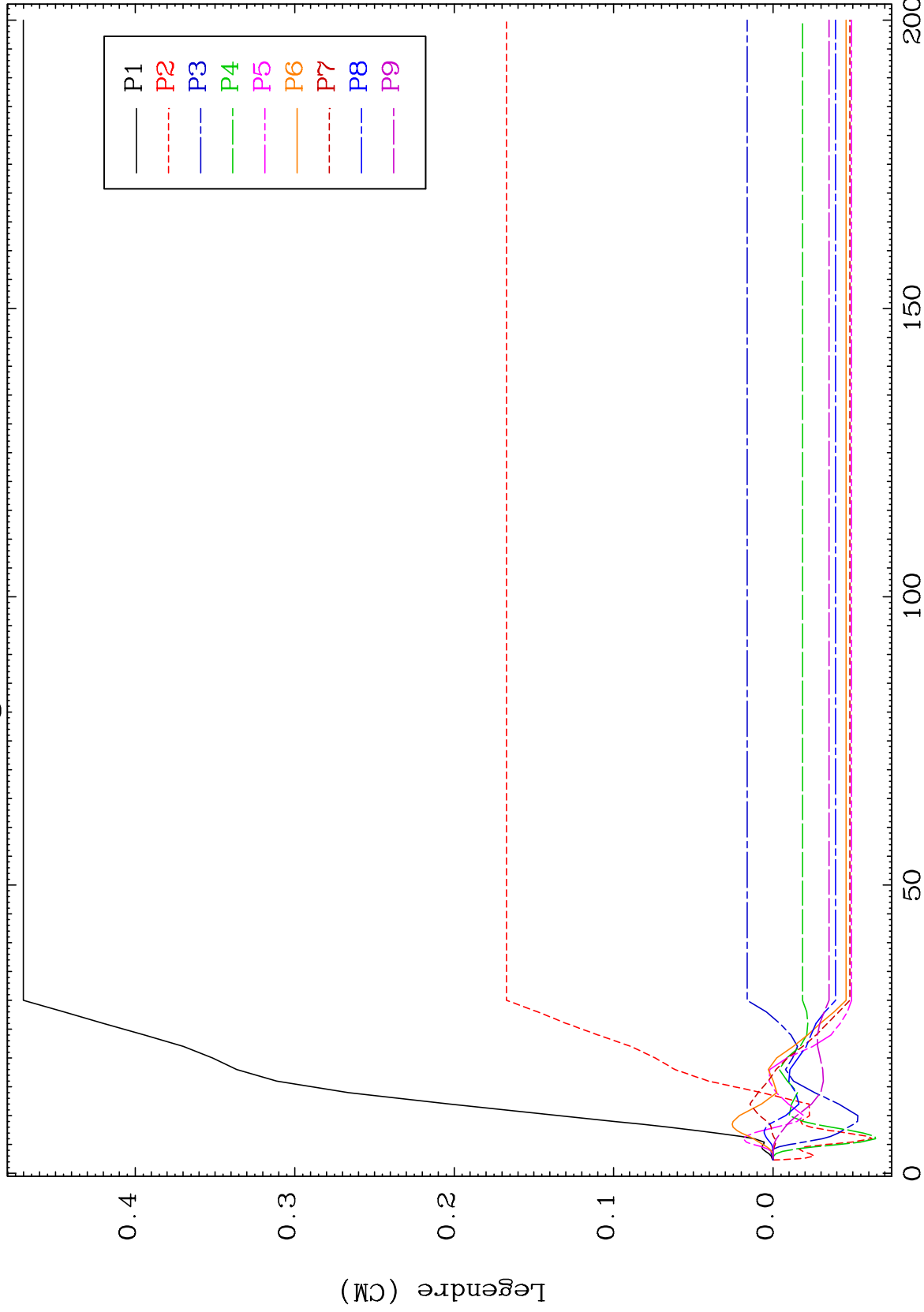
Incident Energy (MeV)

68-Er-172

MAT 6855

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

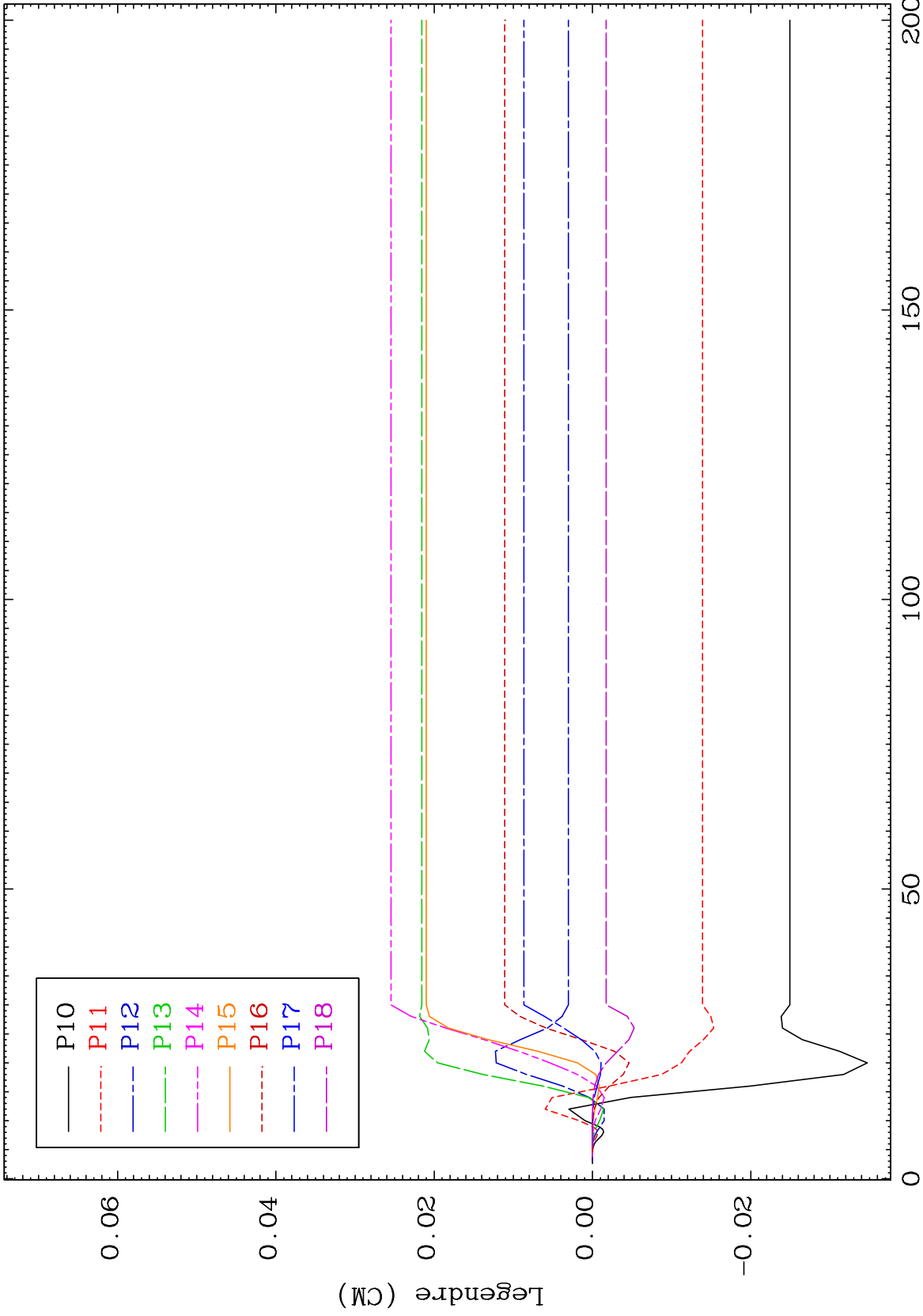
68-Er-172



68-Er-172

Incident Energy (MeV)

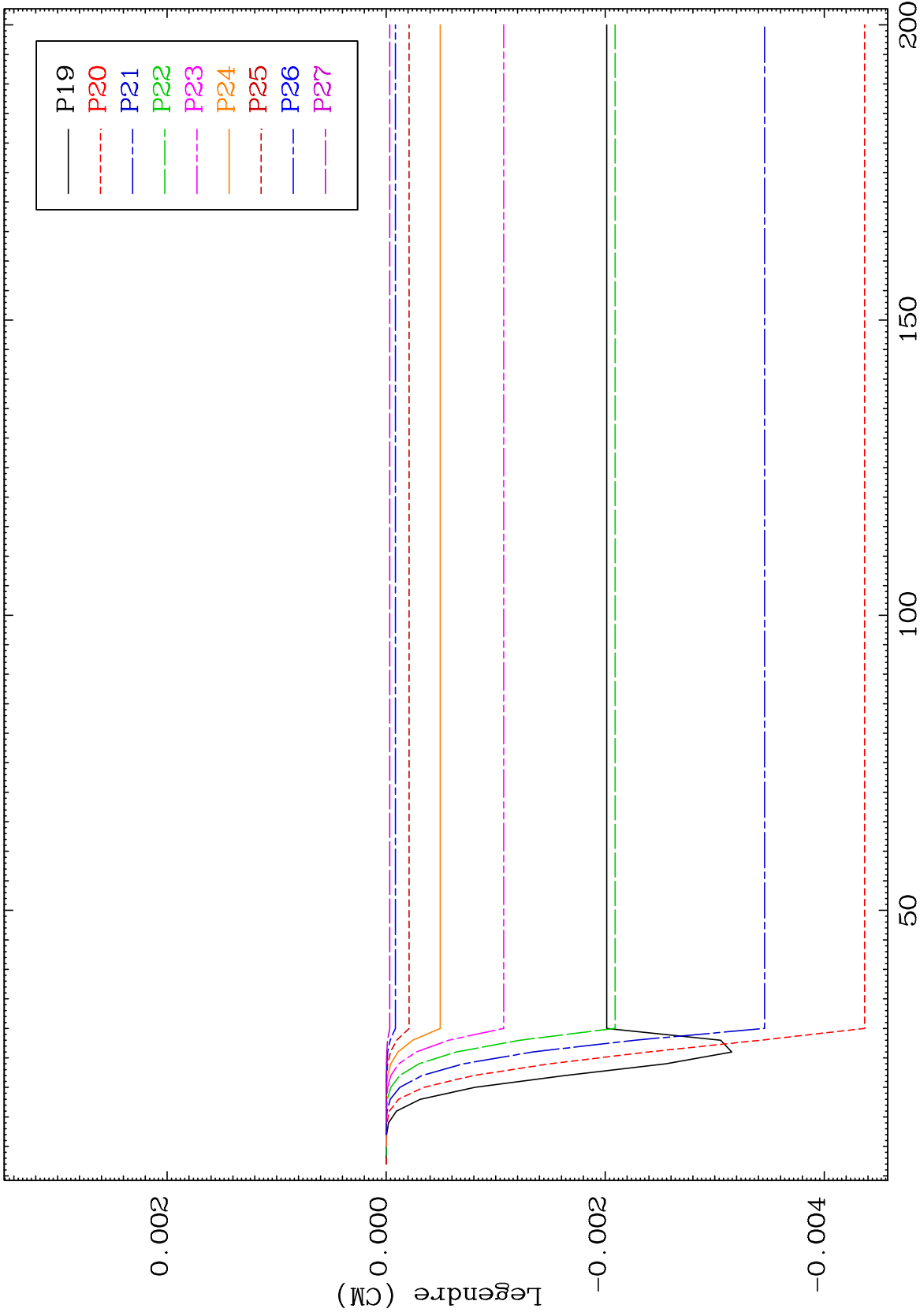
105



MAT 6855

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

68-Er-172



107

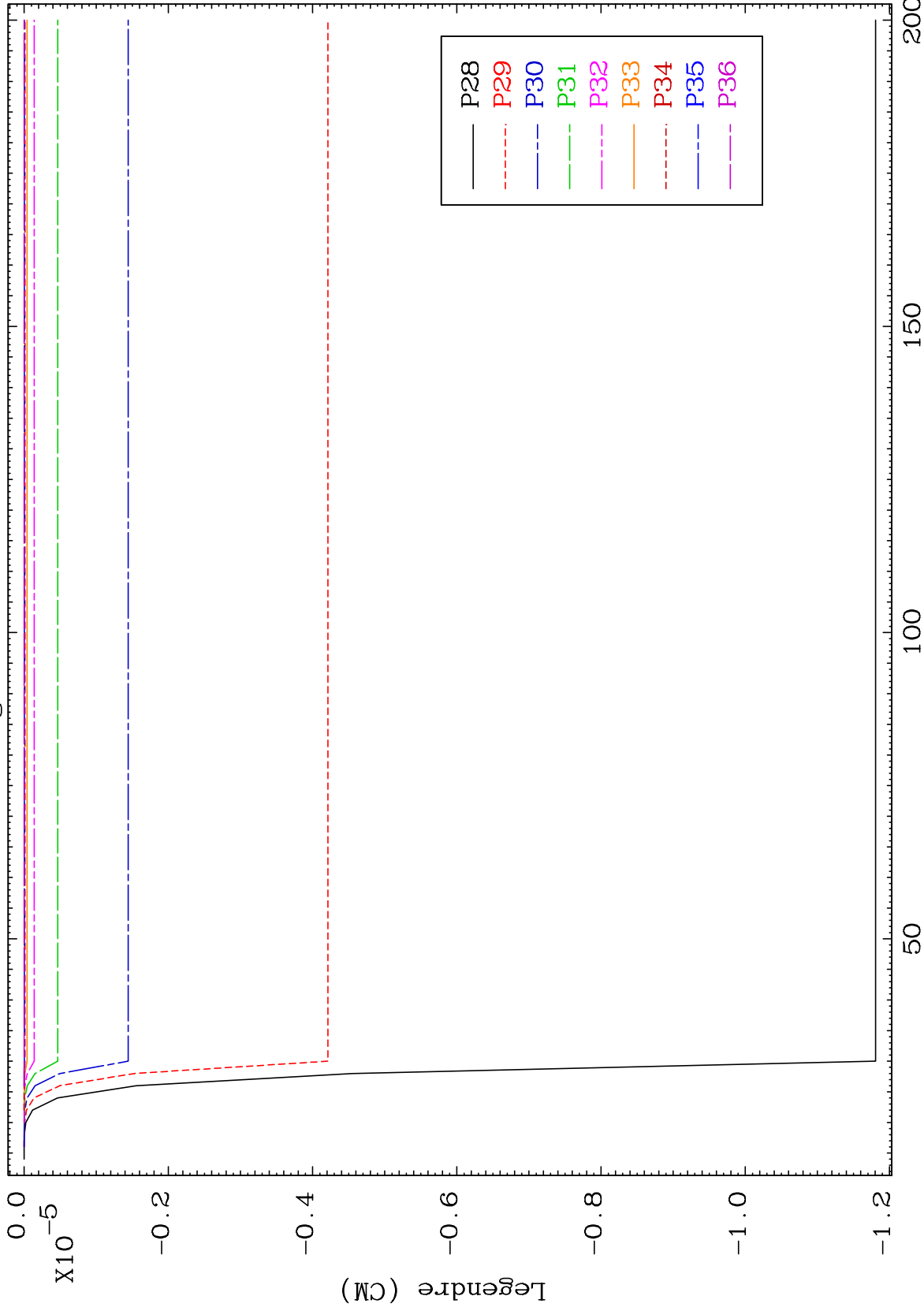
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



108

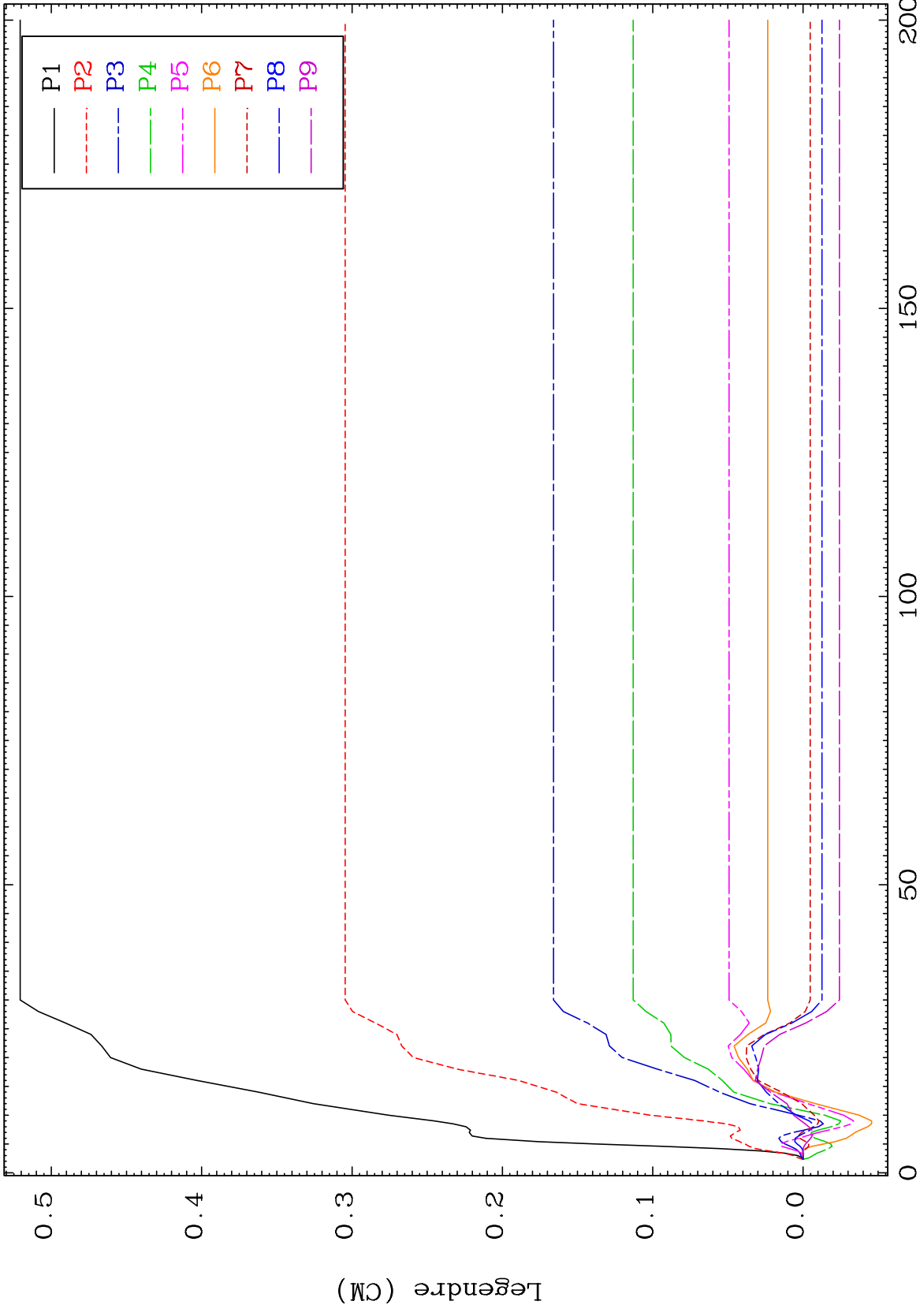
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



109

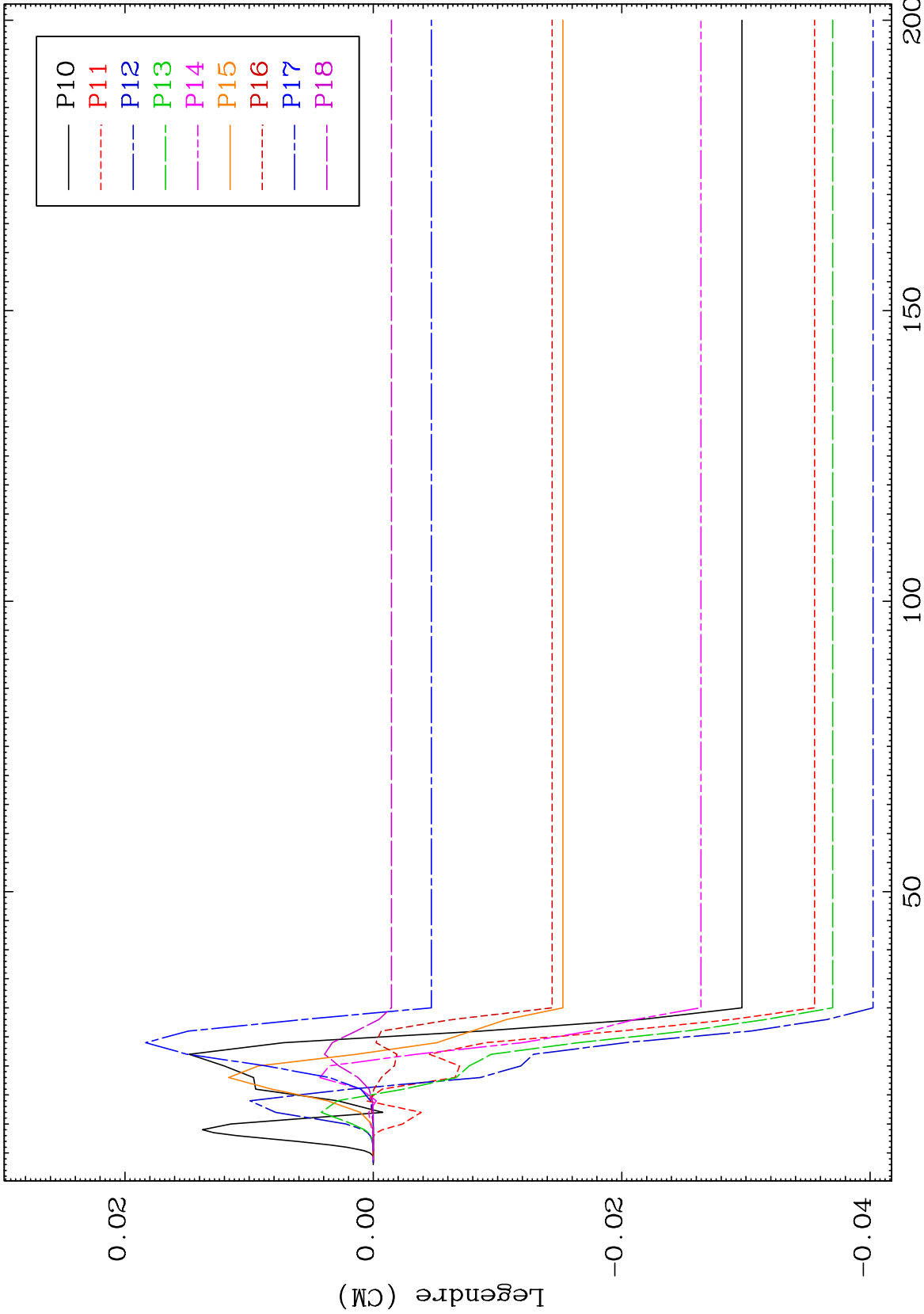
Incident Energy (MeV)

68-Er-172

MAT 6855

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

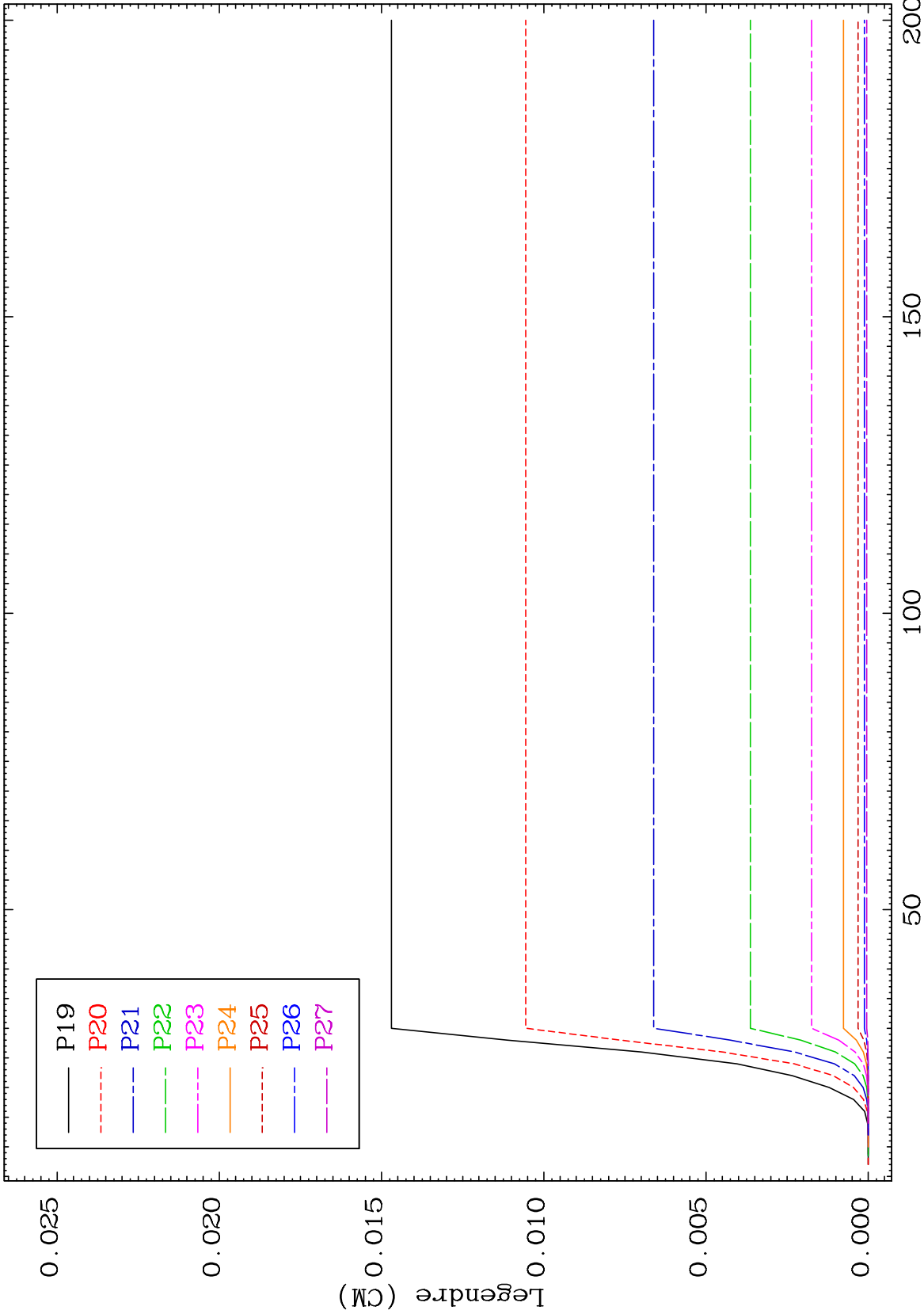
68-Er-172



110

Incident Energy (MeV)

68-Er-172

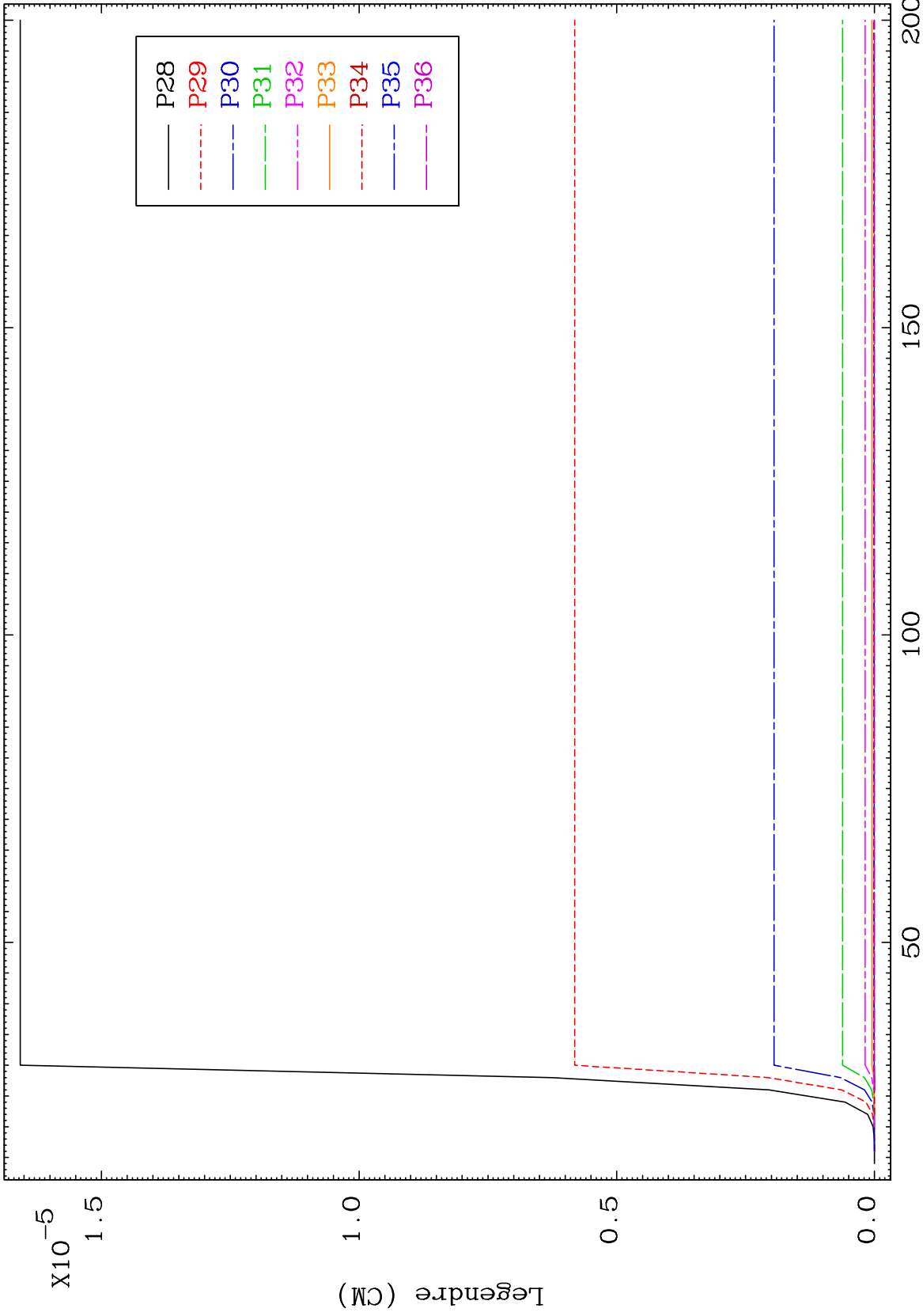




MAT 6855

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

68-Er-172



112

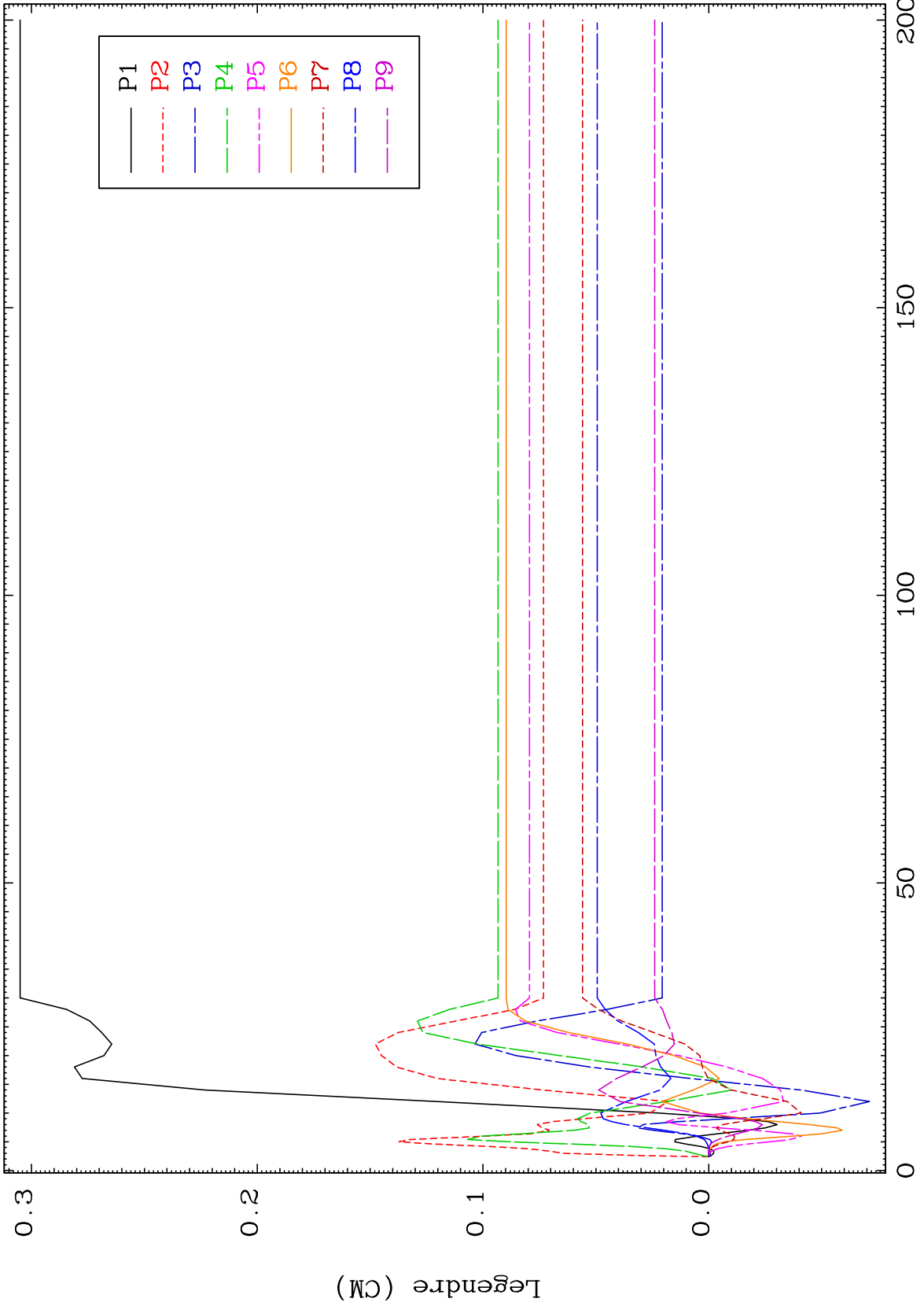
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



113

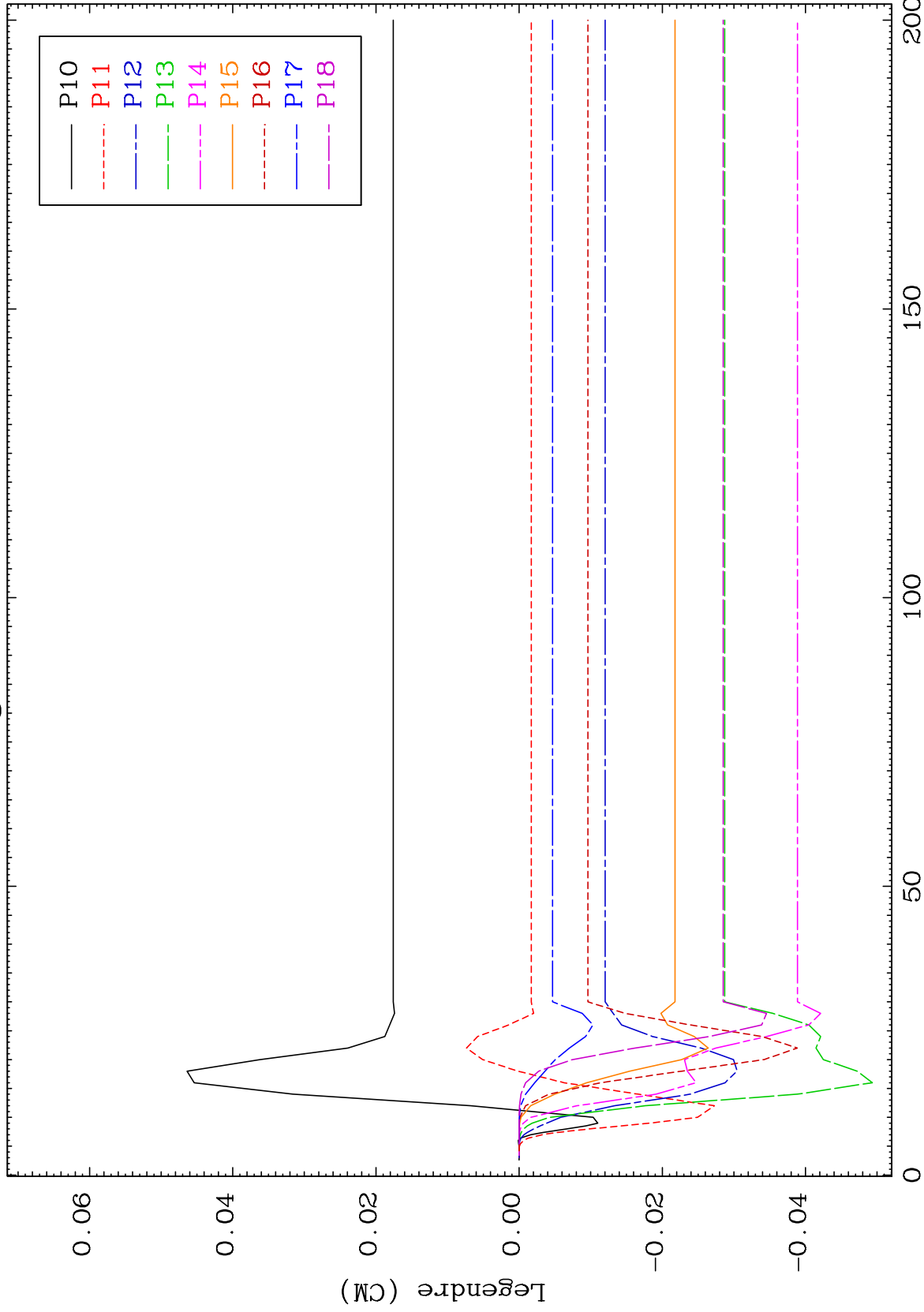
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



114

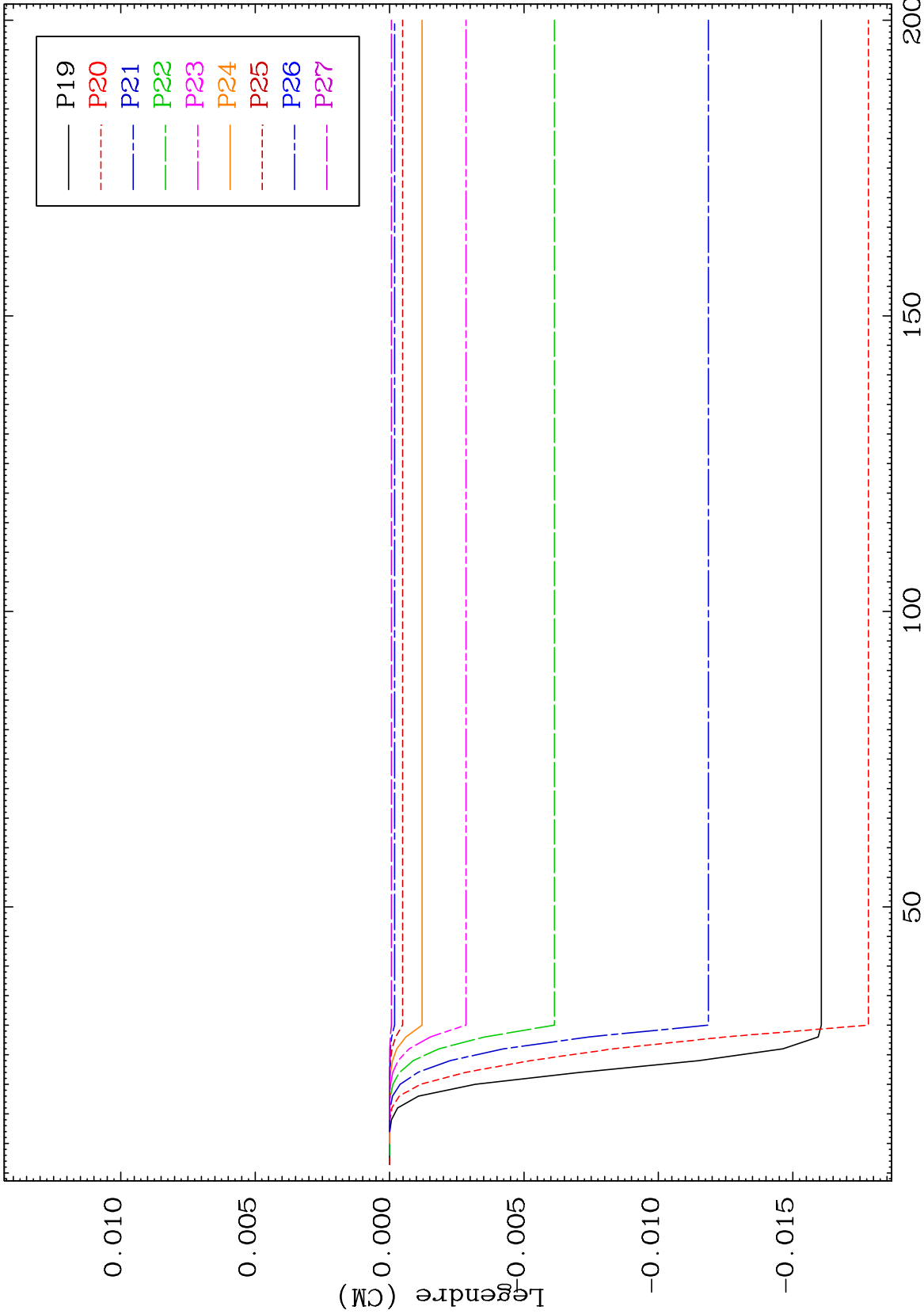
Incident Energy (MeV)

68-Er-172

MAT 6855

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

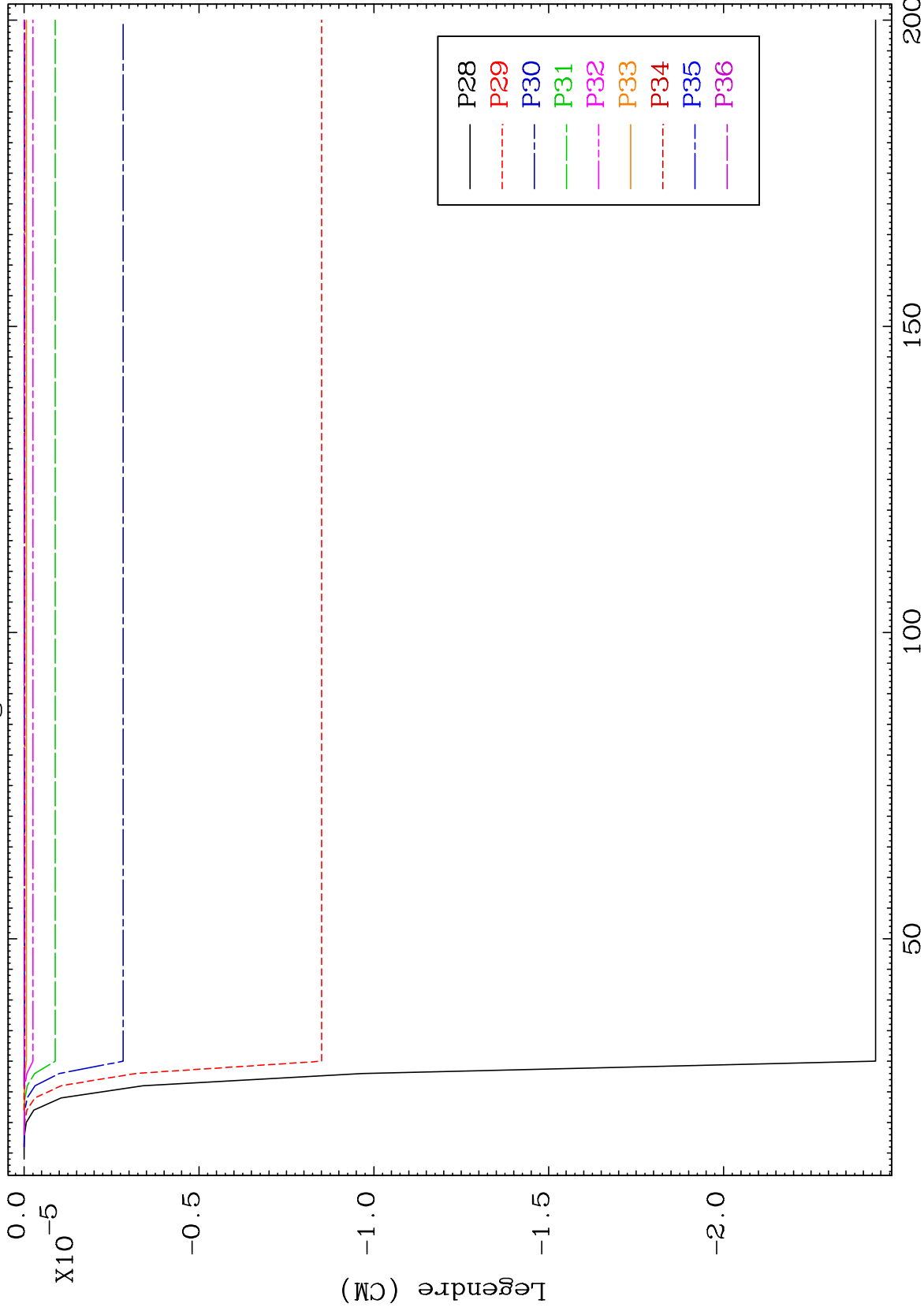
68-Er-172



115

Incident Energy (MeV)

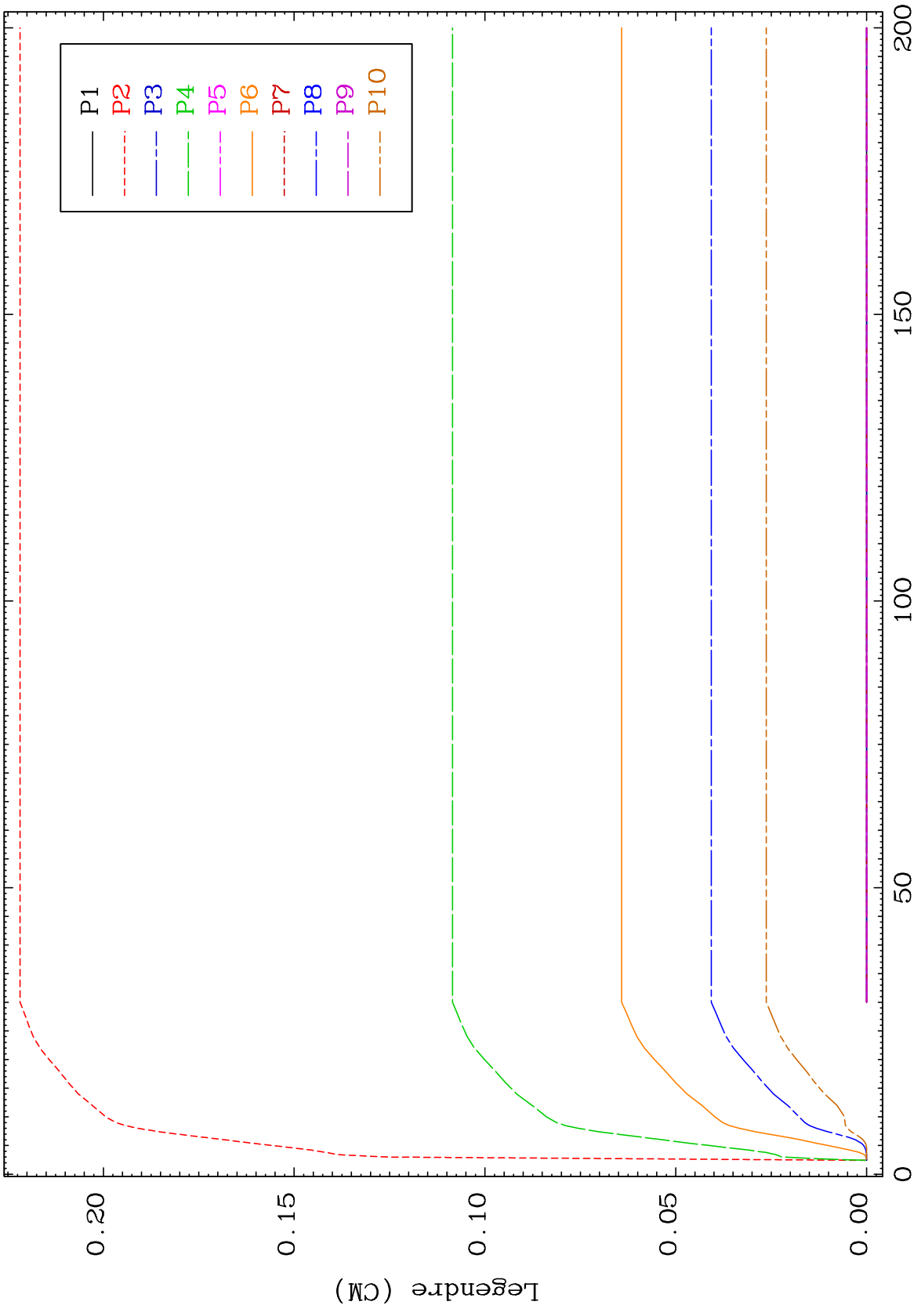
68-Er-172



MAT 6855

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

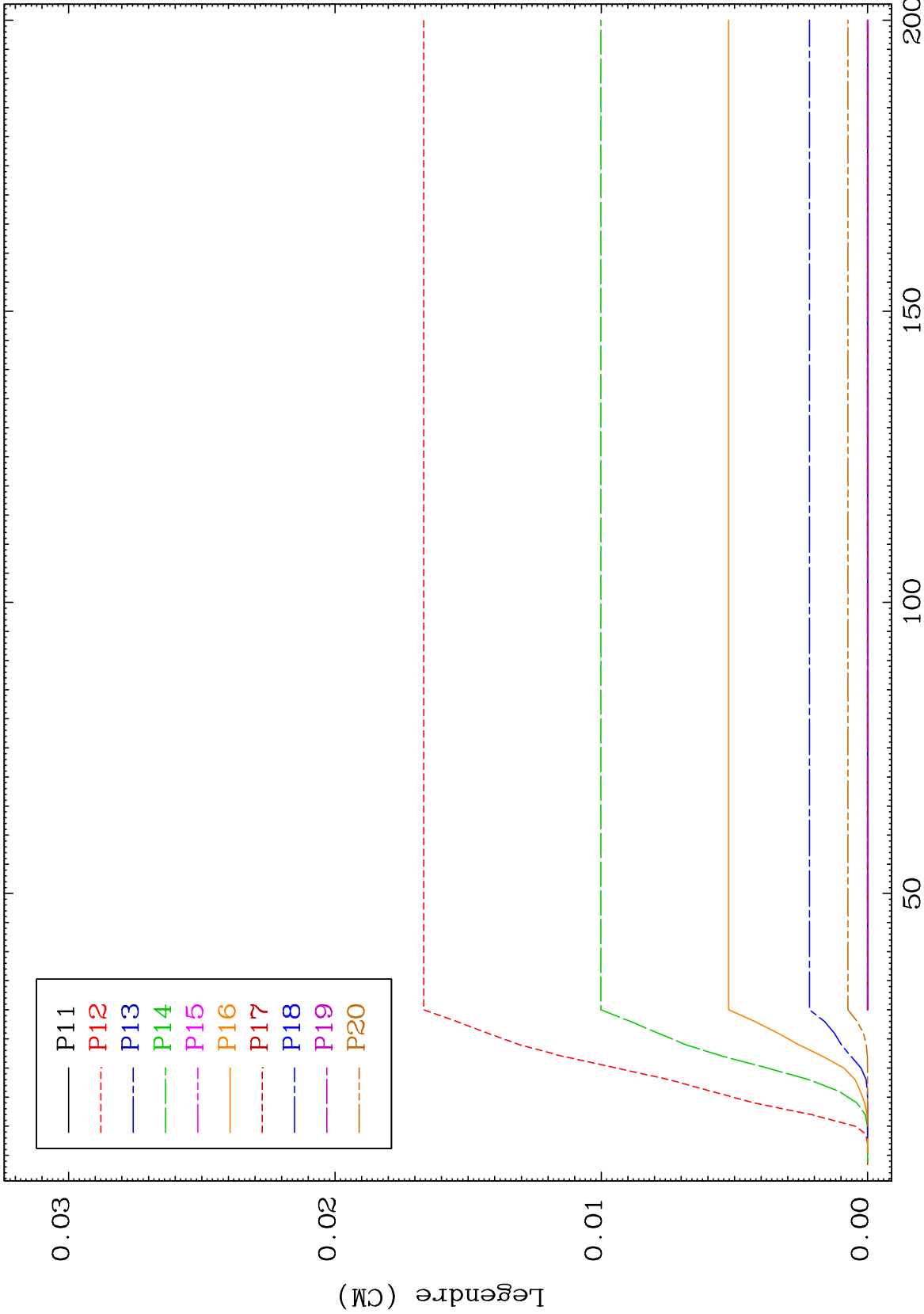
68-Er-172



117

Incident Energy (MeV)

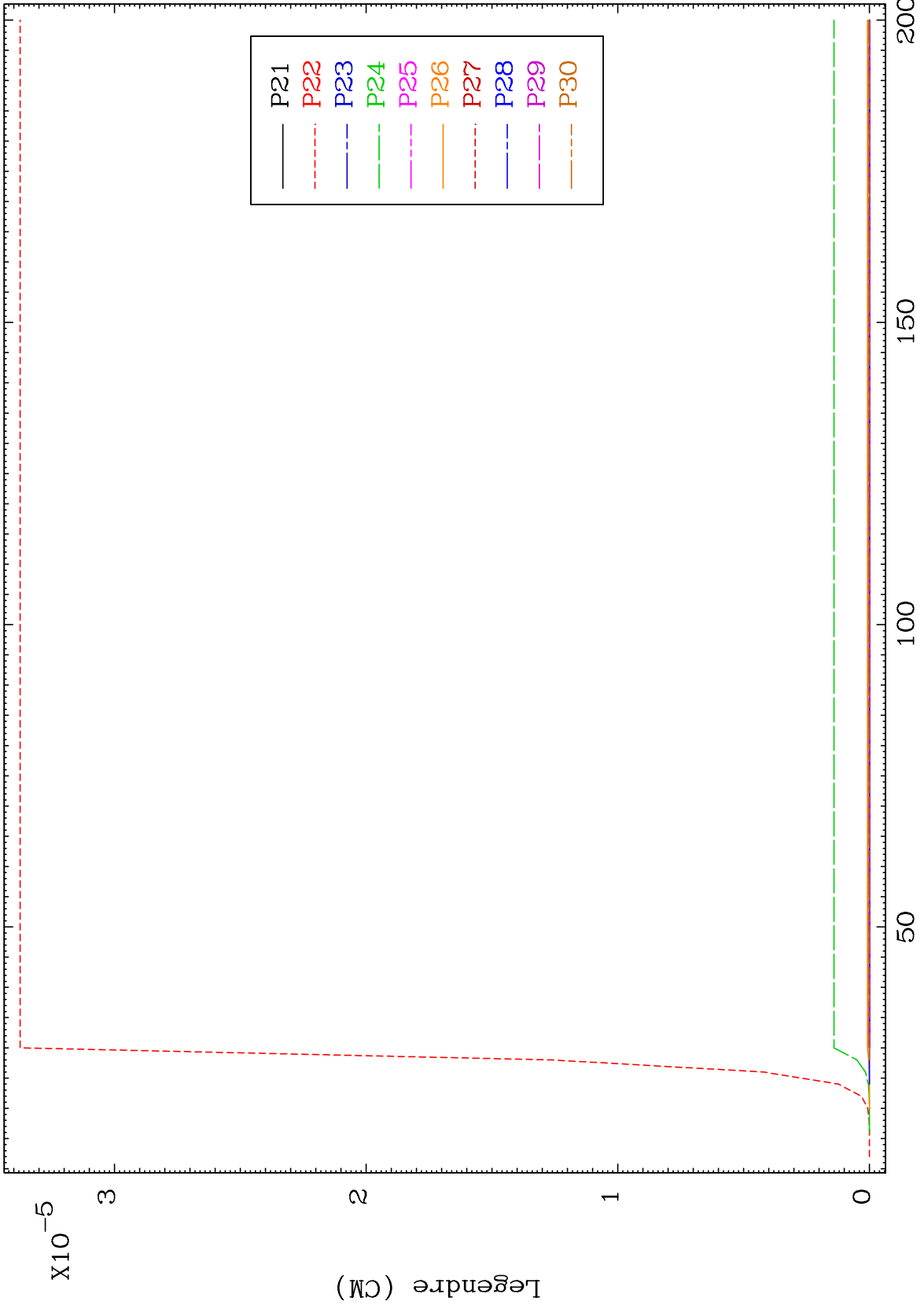
68-Er-172



MAT 6855

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

68-Er-172



119

Incident Energy (MeV)

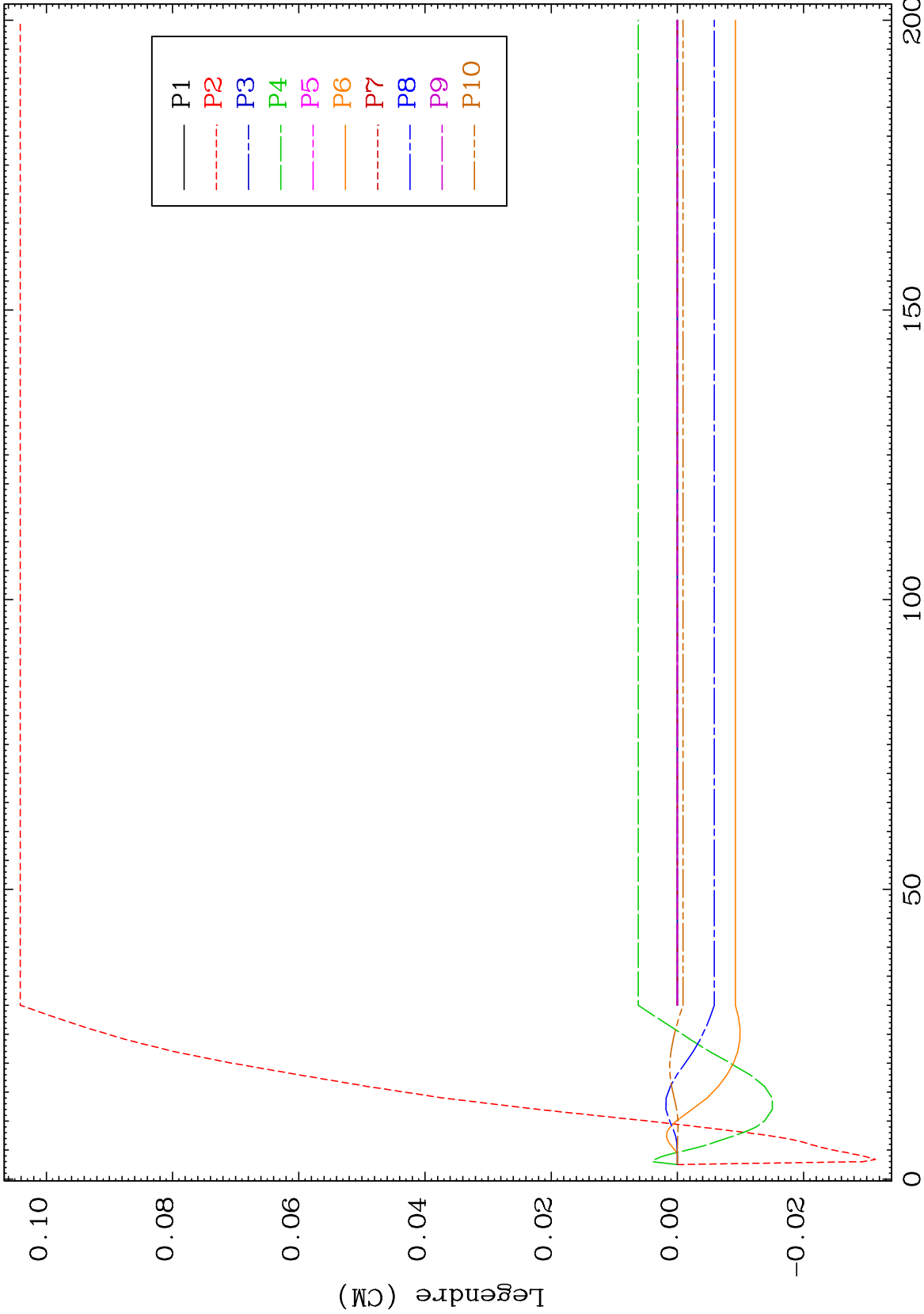
68-Er-172



MAT 6855

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

68-Er-172



68-Er-172

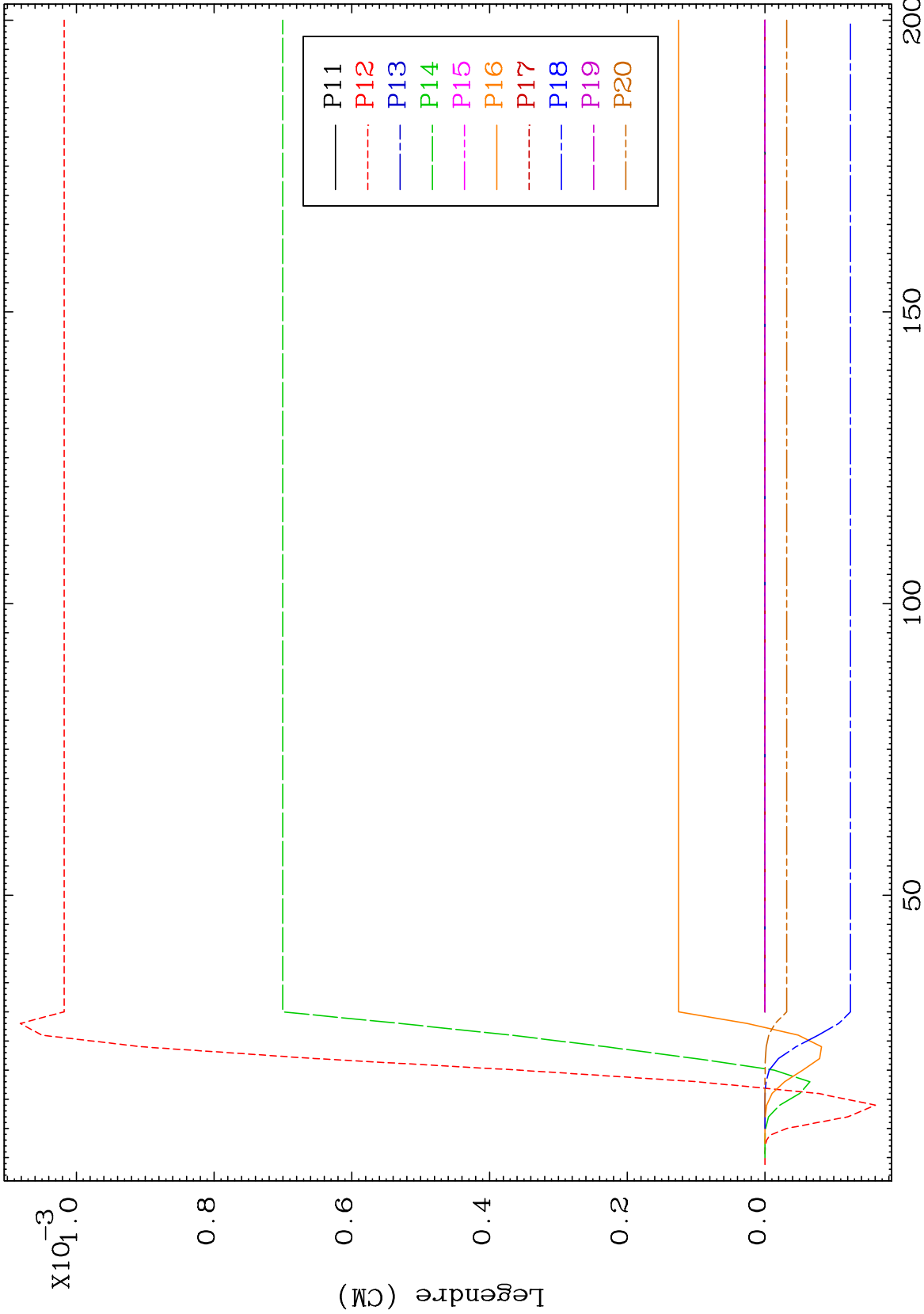
Incident Energy (MeV)

120

MAT 6855

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

68-Er-172



121

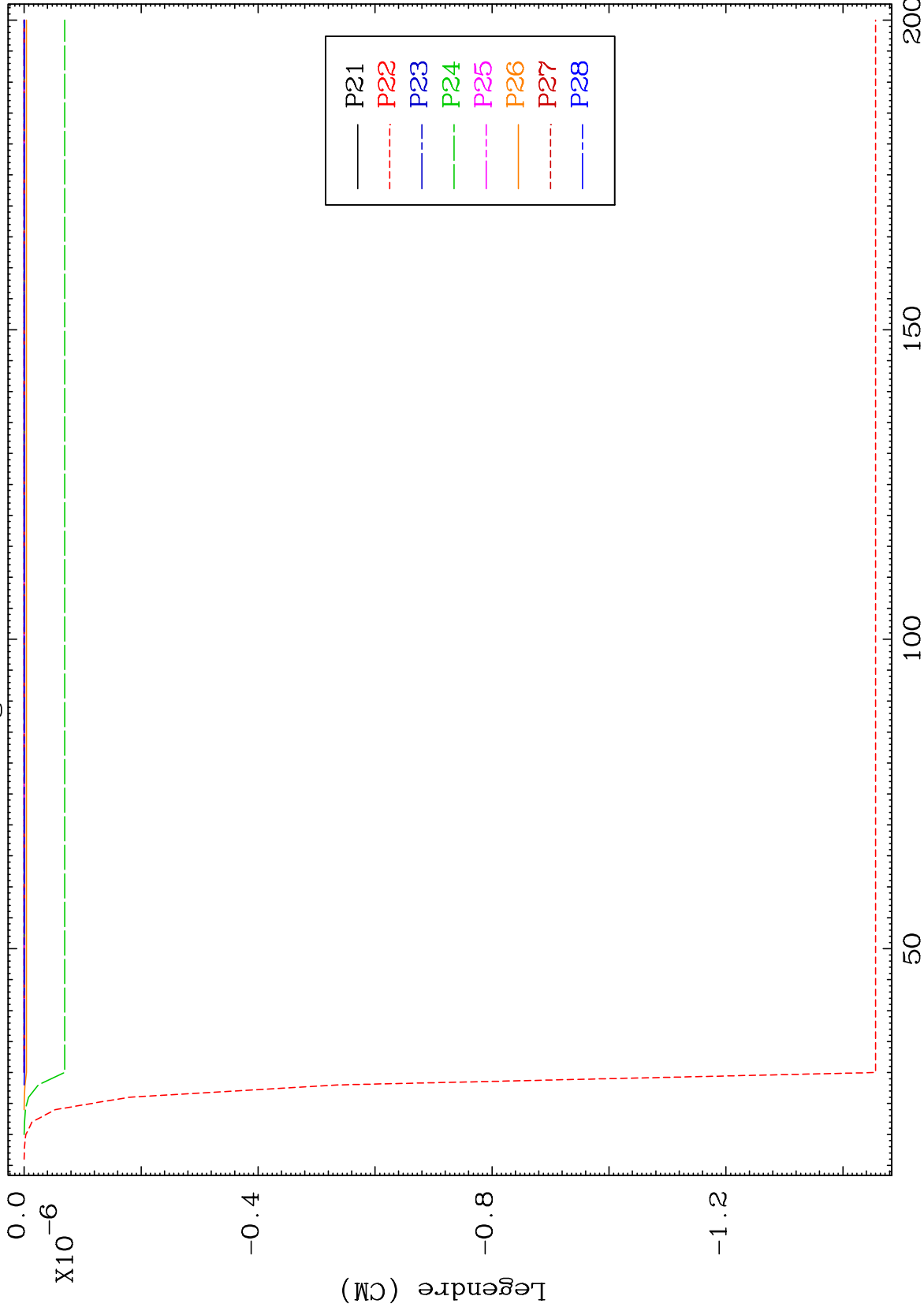
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



122

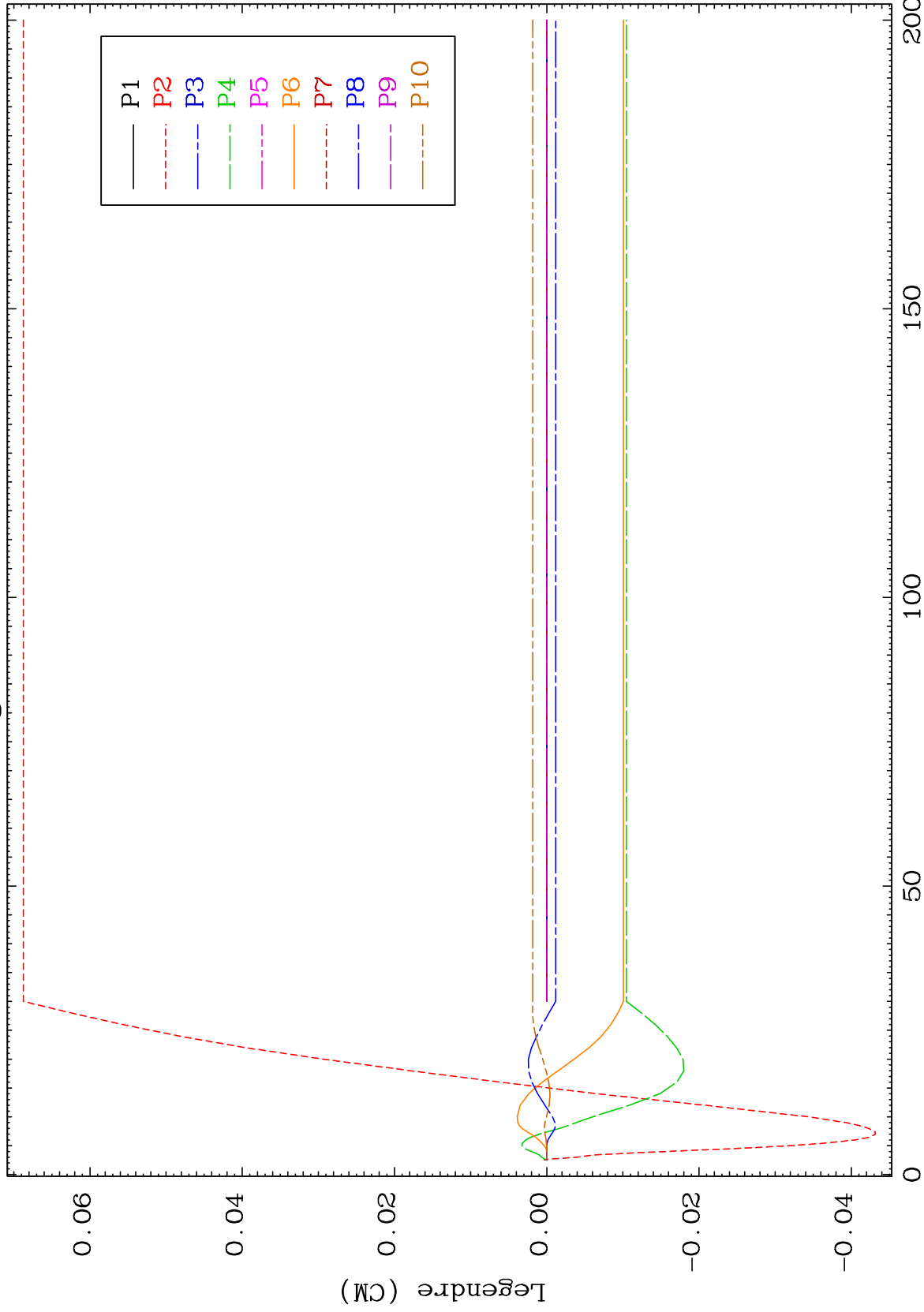
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



123

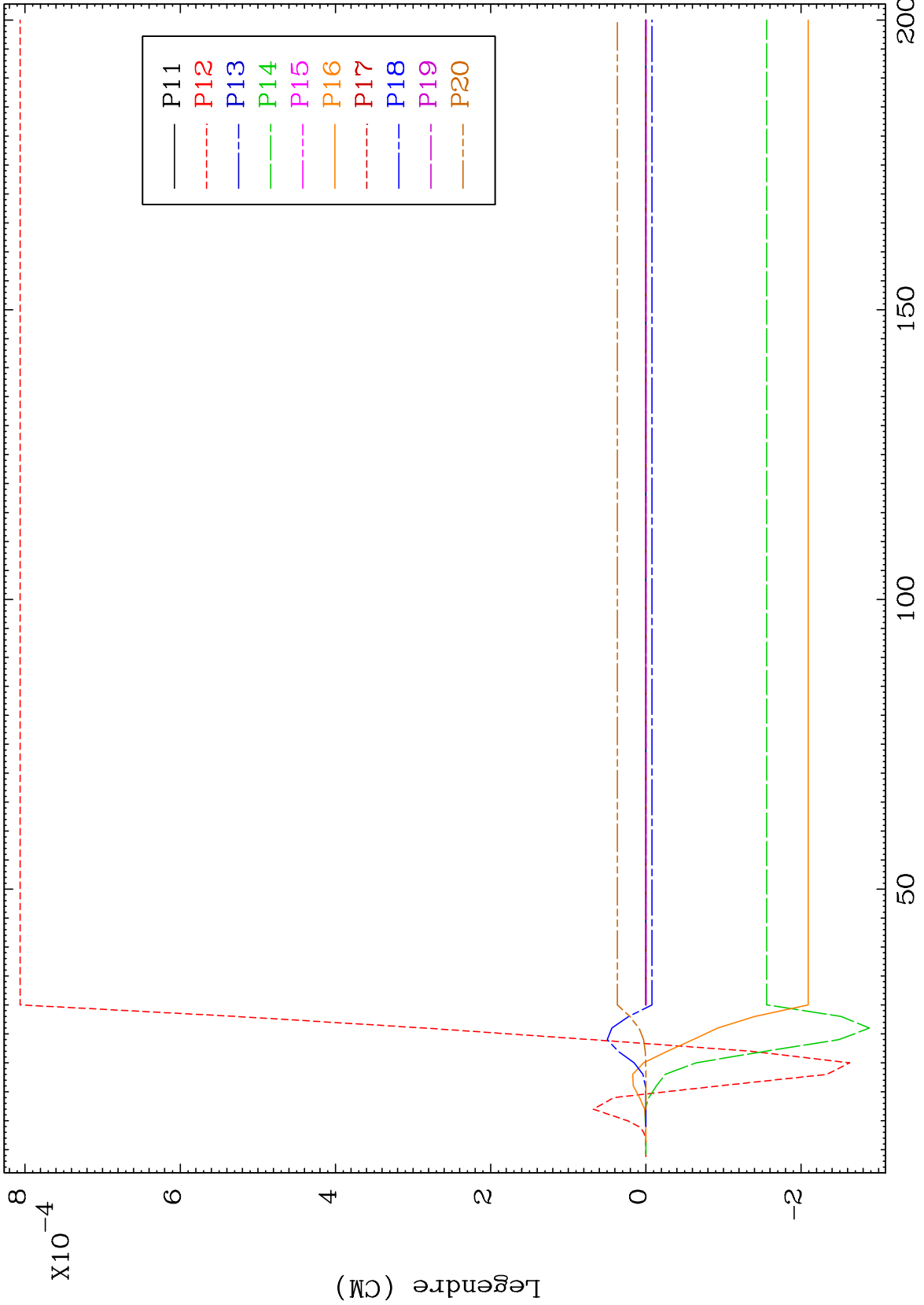
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



124

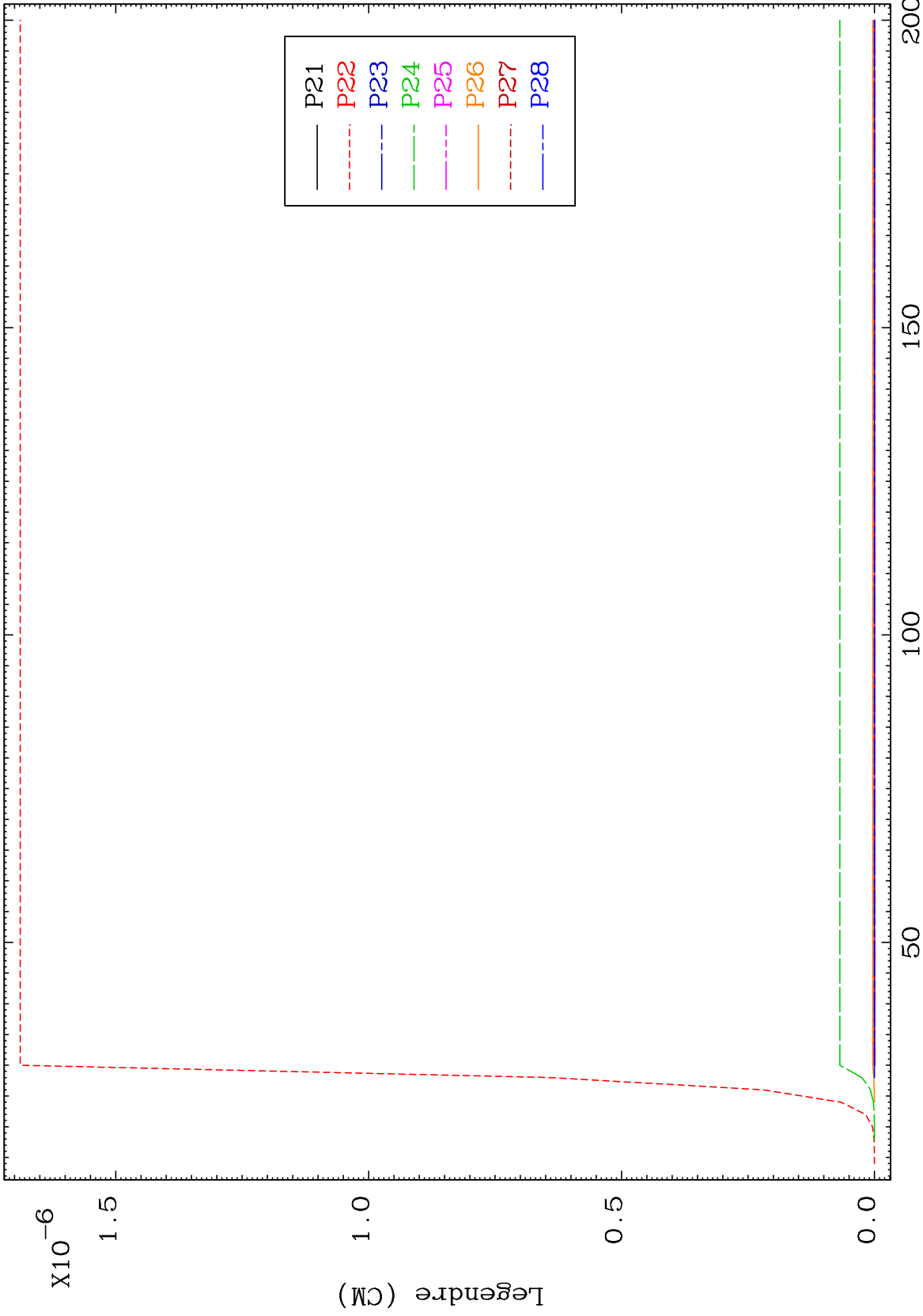
Incident Energy (MeV)

68-Er-172

MAT 6855

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

68-Er-172



125

Incident Energy (MeV)

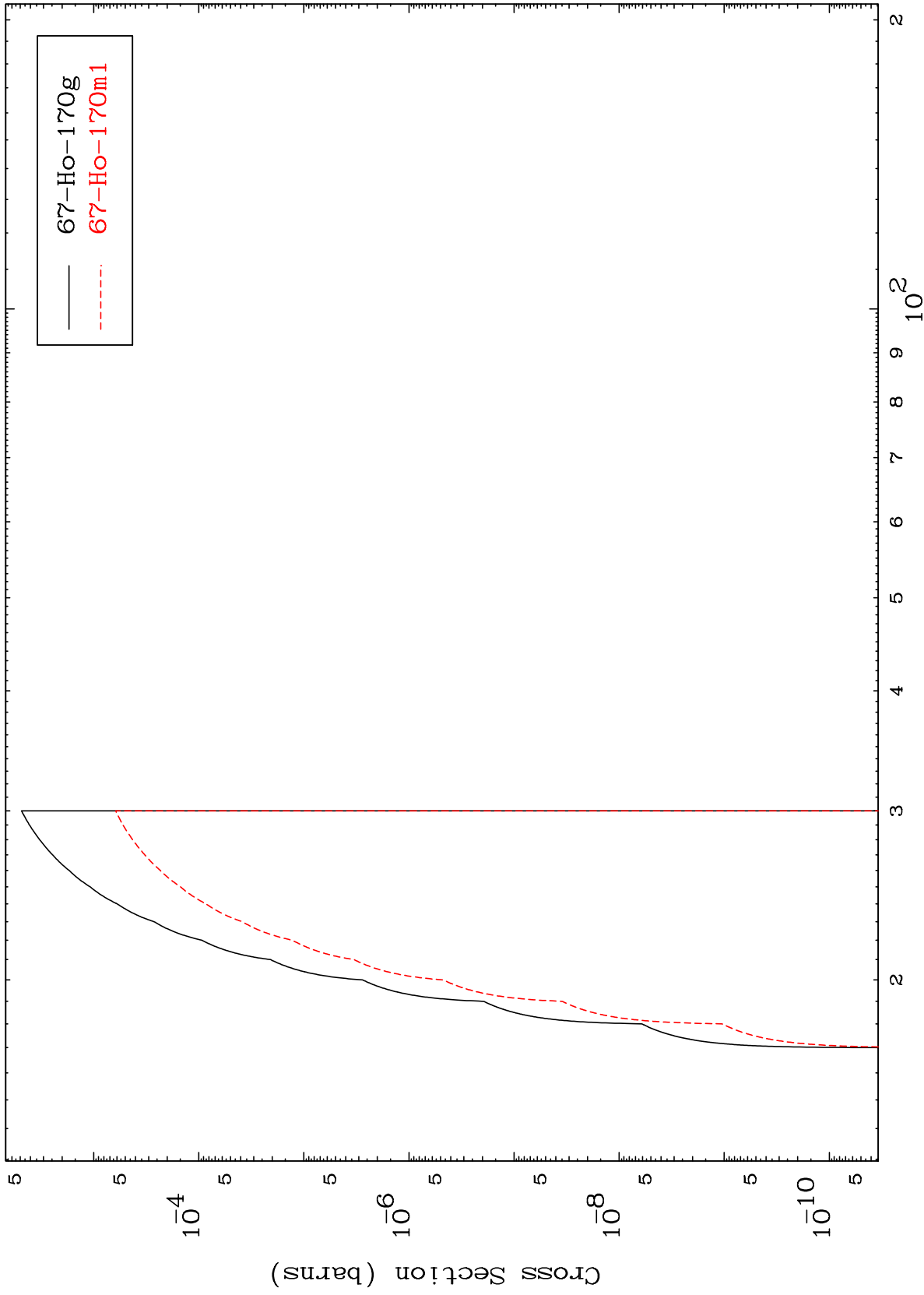
68-Er-172

MAT 6855

(n,n') d

68-Er-172

Radionuclide Production Cross Section



126

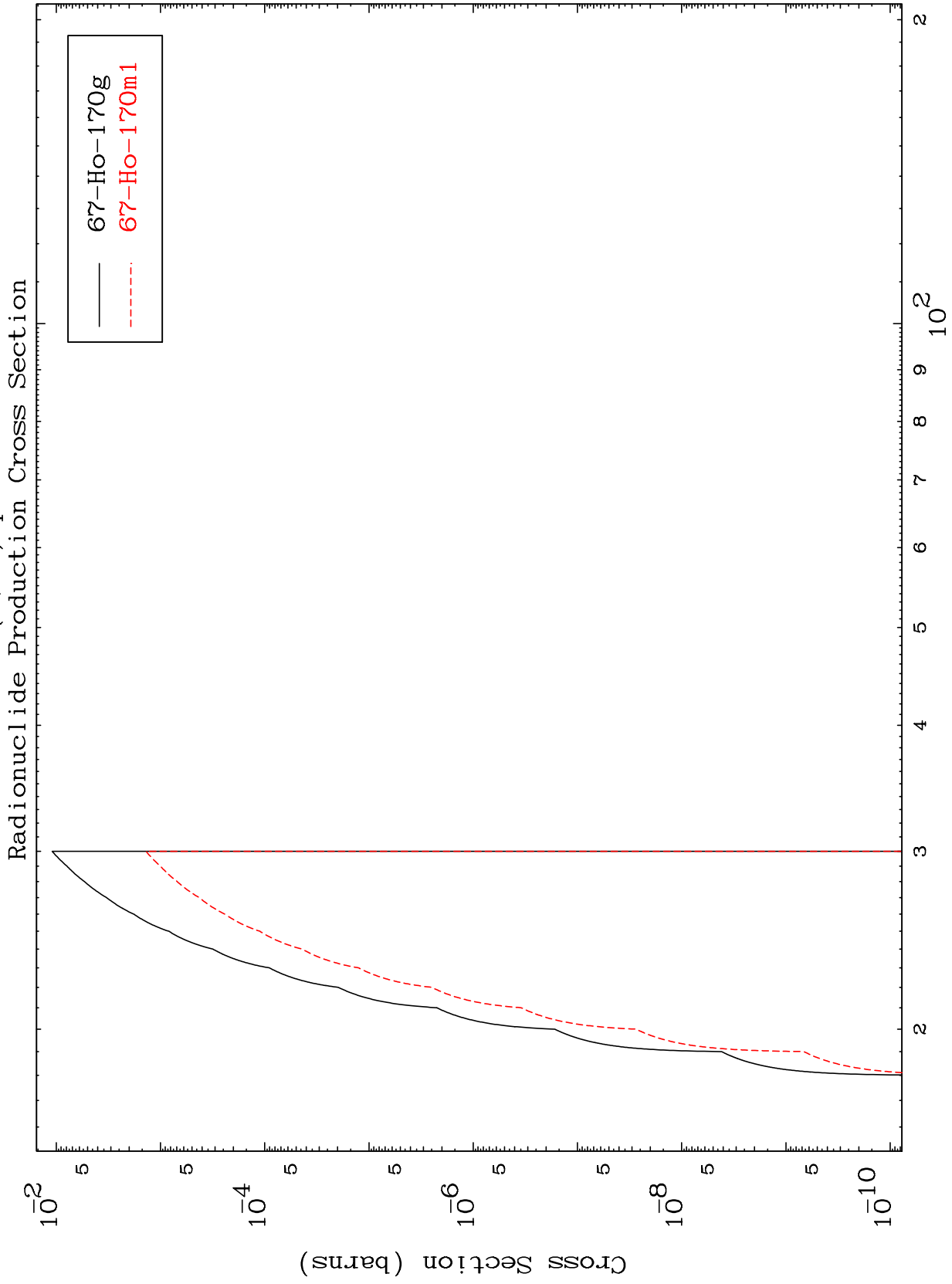
Incident Energy (MeV)

68-Er-172

MAT 6855

(n,2n) p

68-Er-172



127

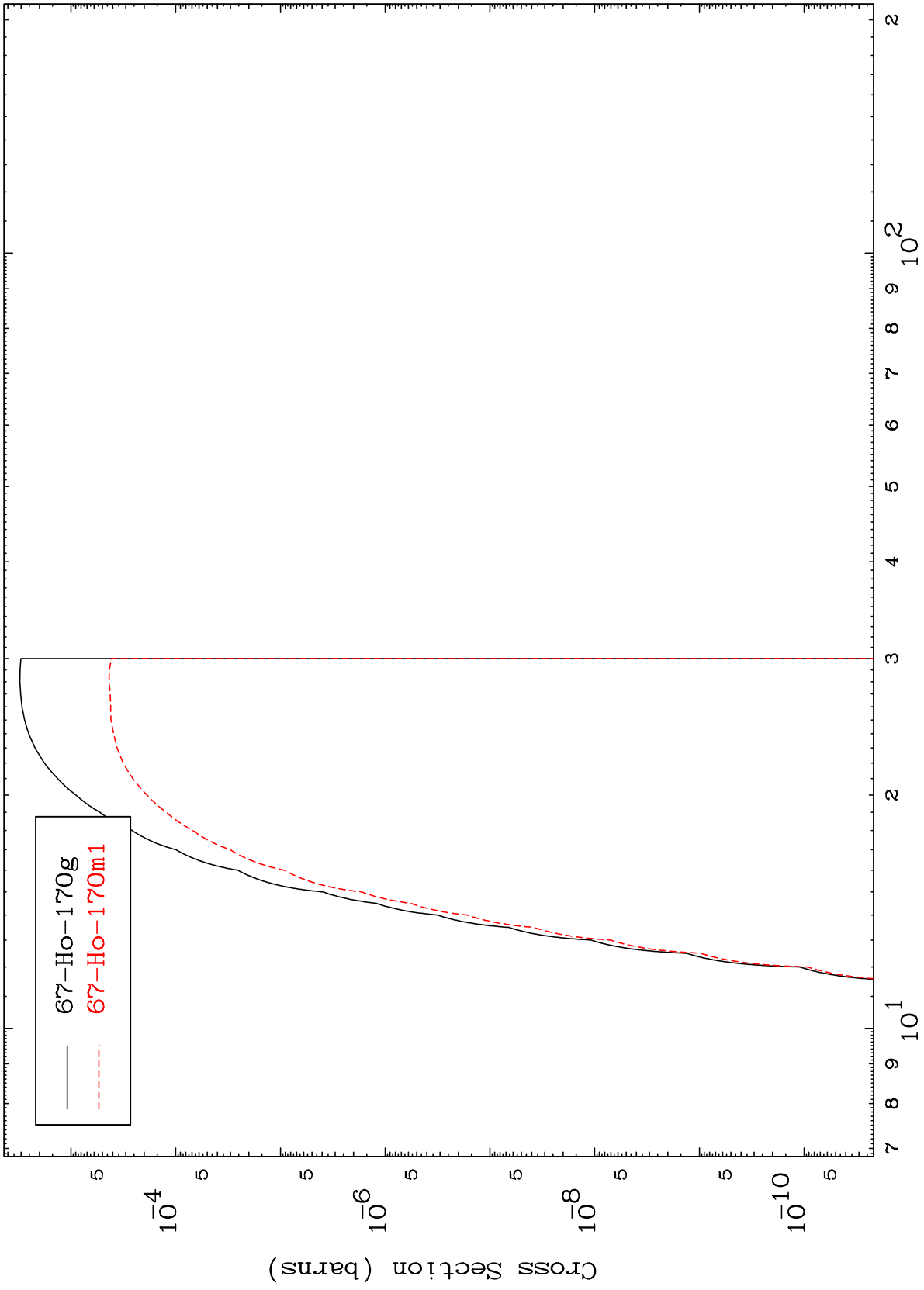
68-Er-172



MAT 6855

68-Er-172

(n, t)  
Radionuclide Production Cross Section



128

Incident Energy (MeV)

68-Er-172