

Program EVALPLOT
(Version 2018-1)

by

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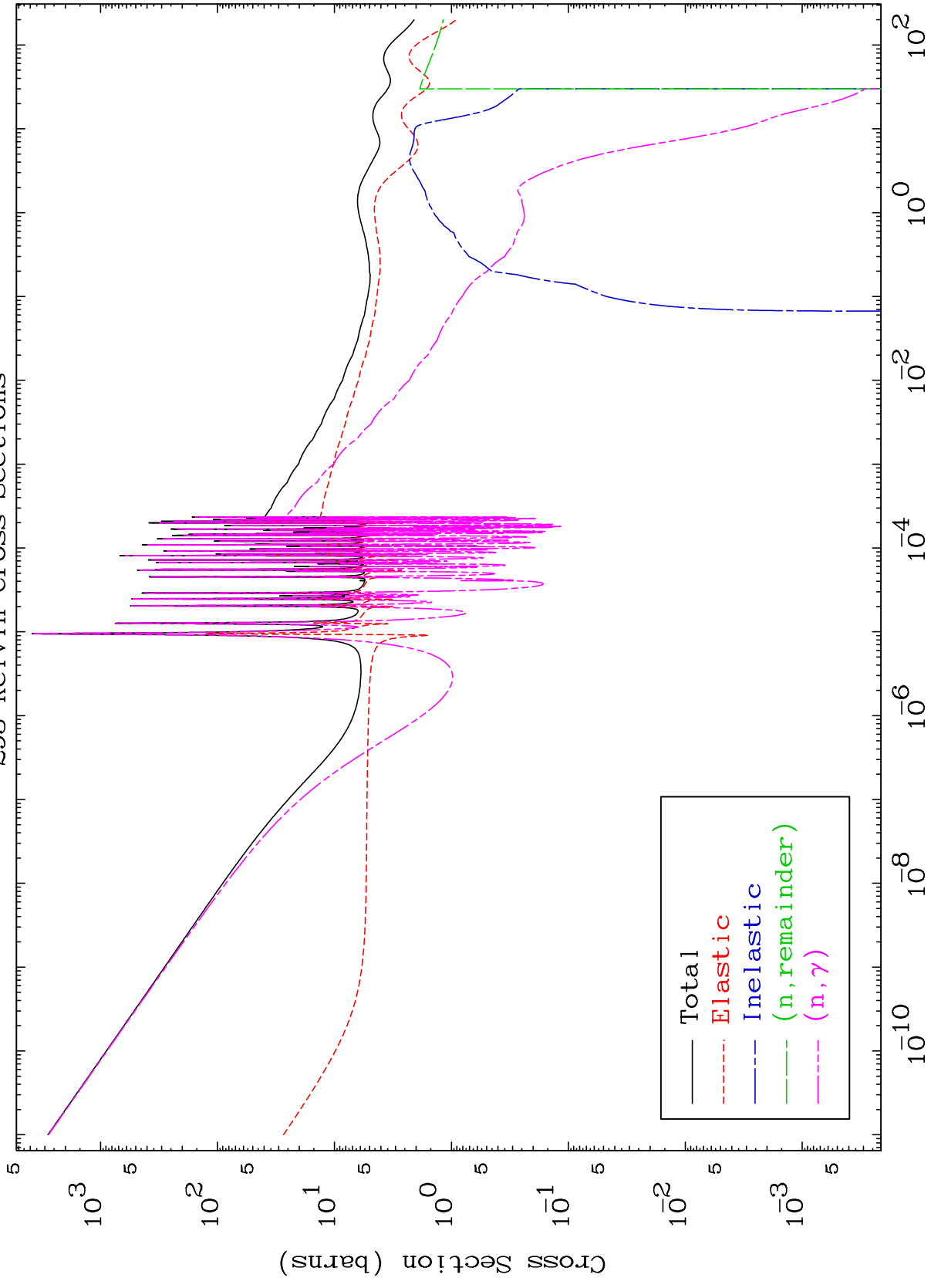
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5507

Major
293 Kelvin Cross Sections

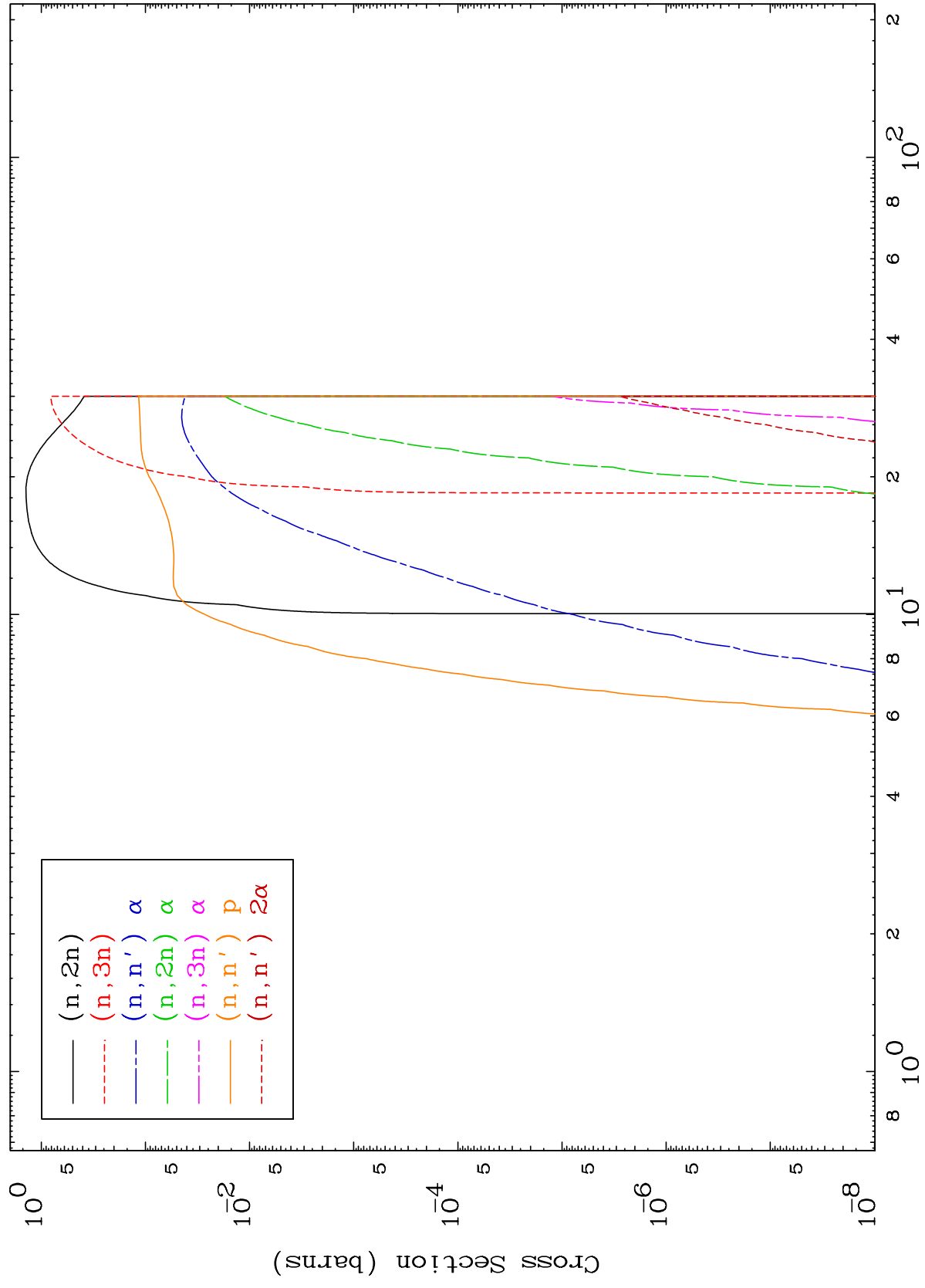
55-Cs-127



MAT 5507

Neutron Production
293 Kelvin Cross Sections

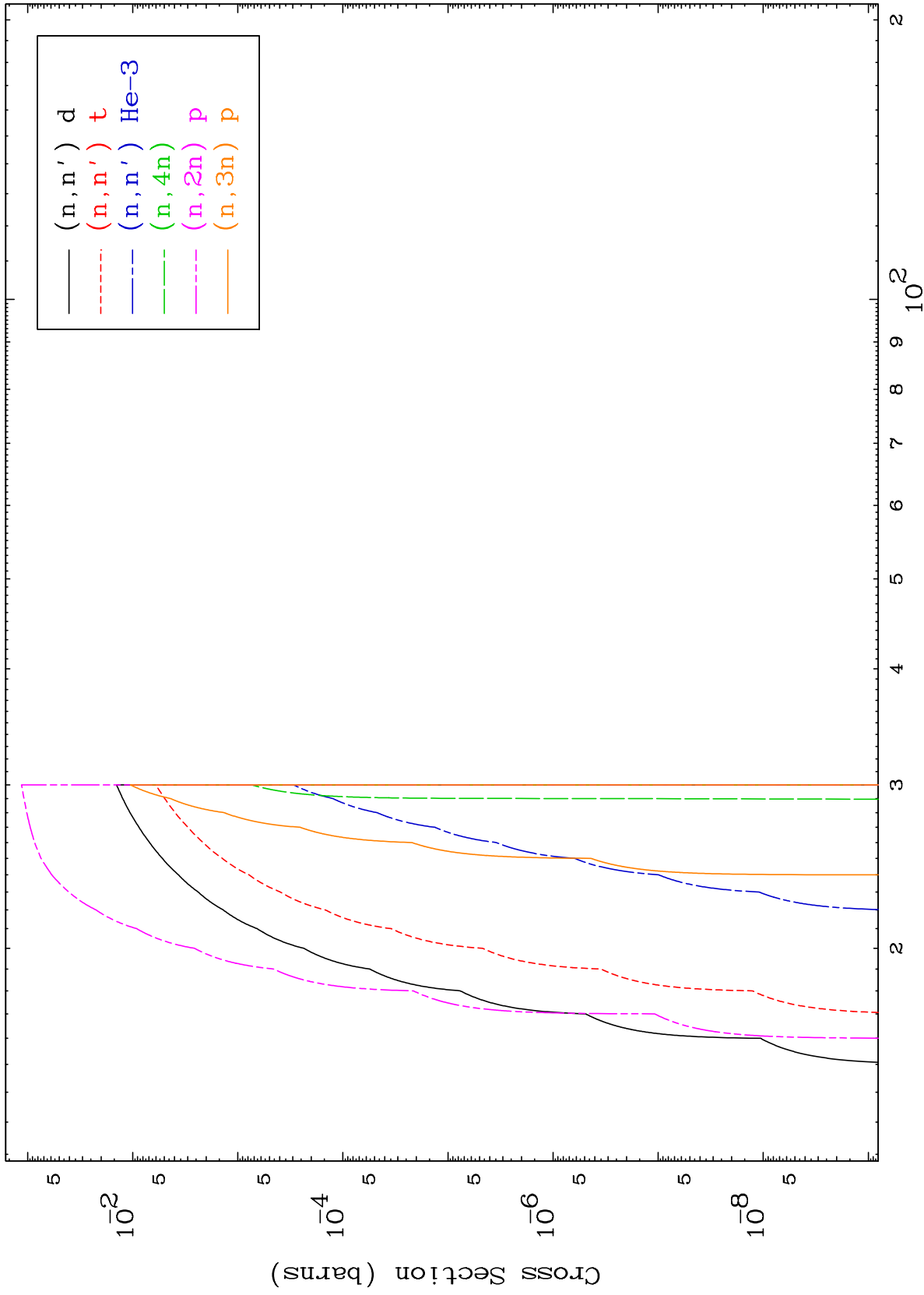
55-Cs-127



2

Incident Energy (MeV)

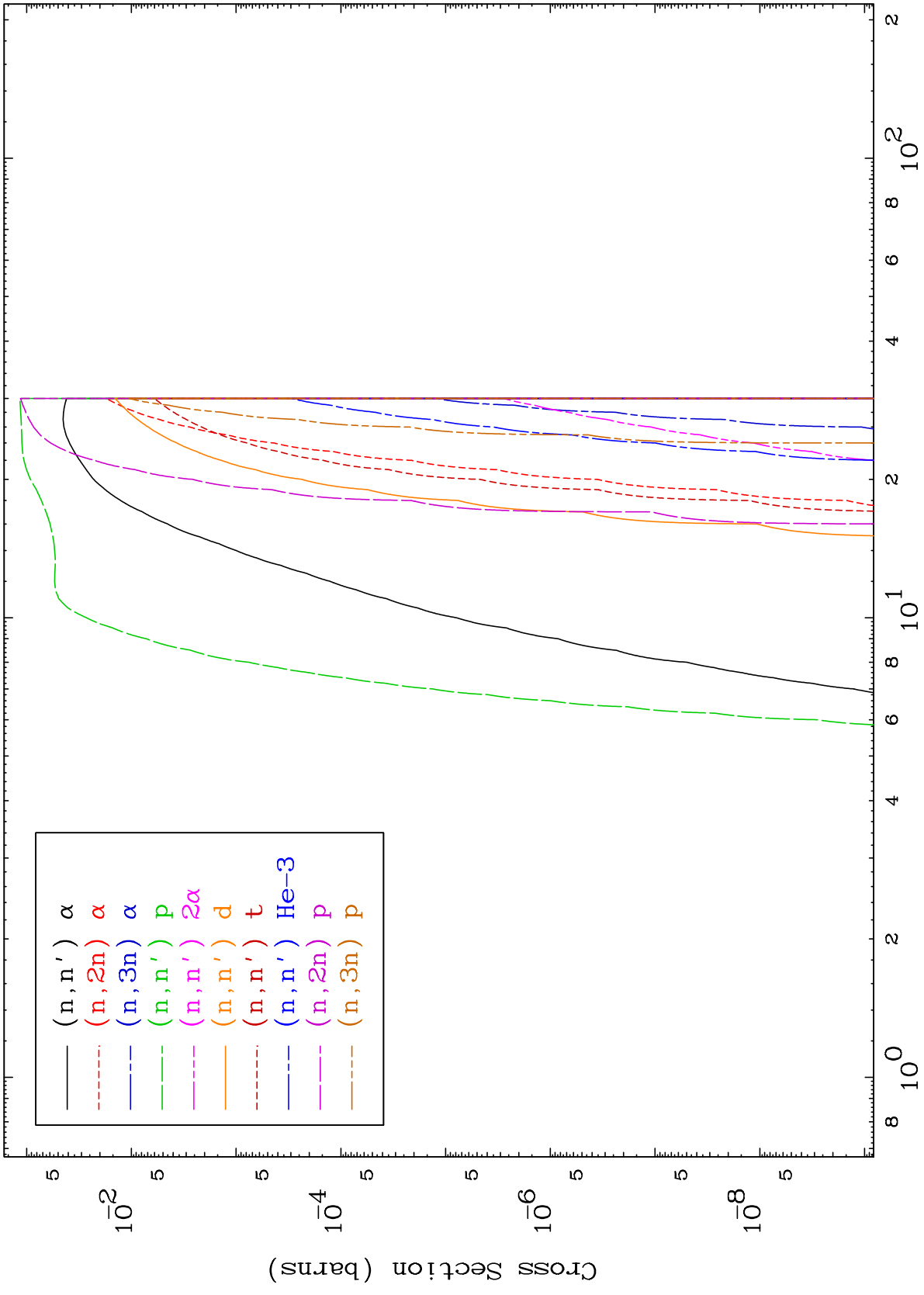
55-Cs-127



MAT 5507

293 Kelvin Cross Sections

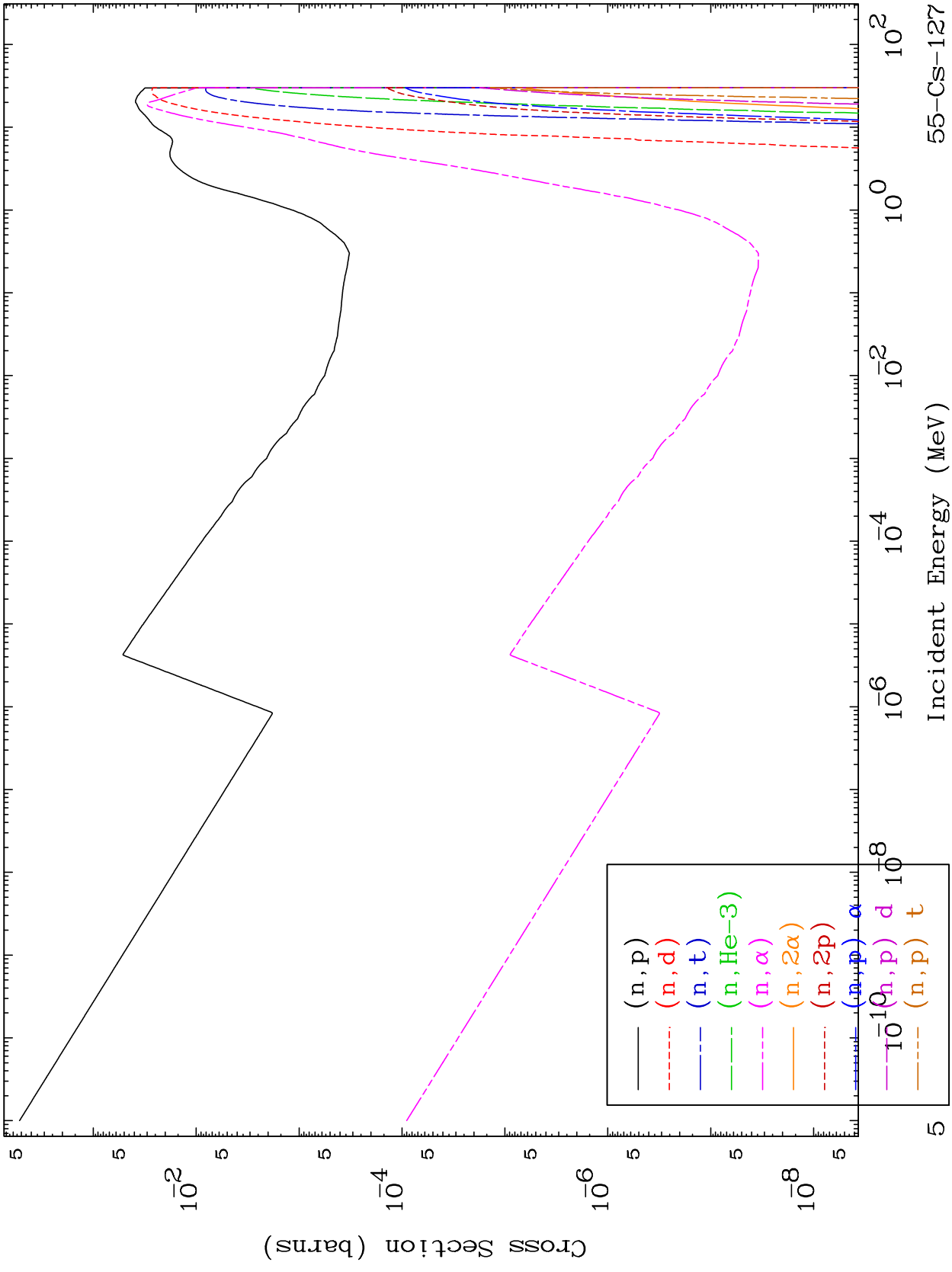
55-Cs-127



MAT 5507

Charged Particle
293 Kelvin Cross Sections

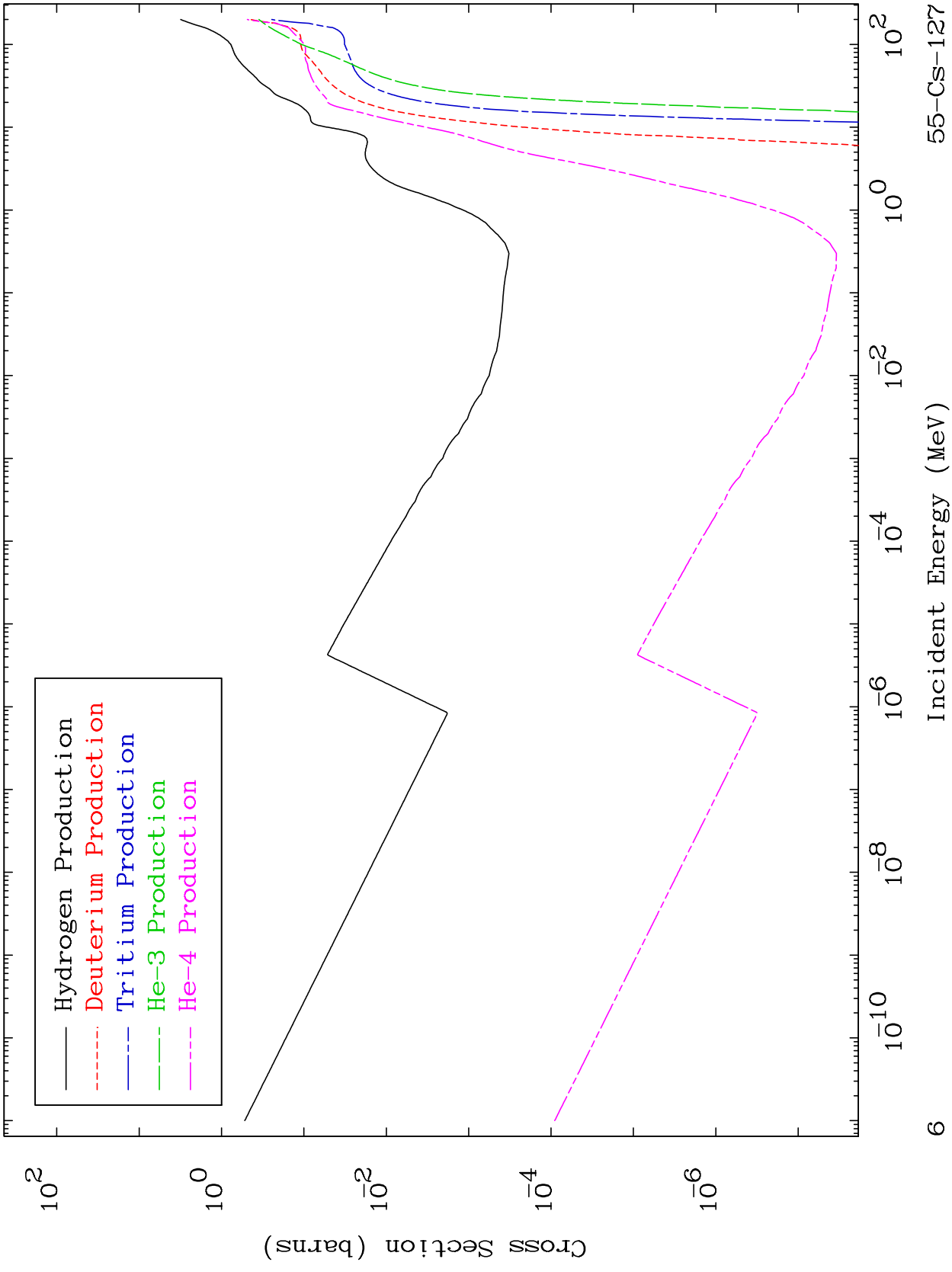
55-Cs-127



MAT 5507

Particle Production
293 Kelvin Cross Sections

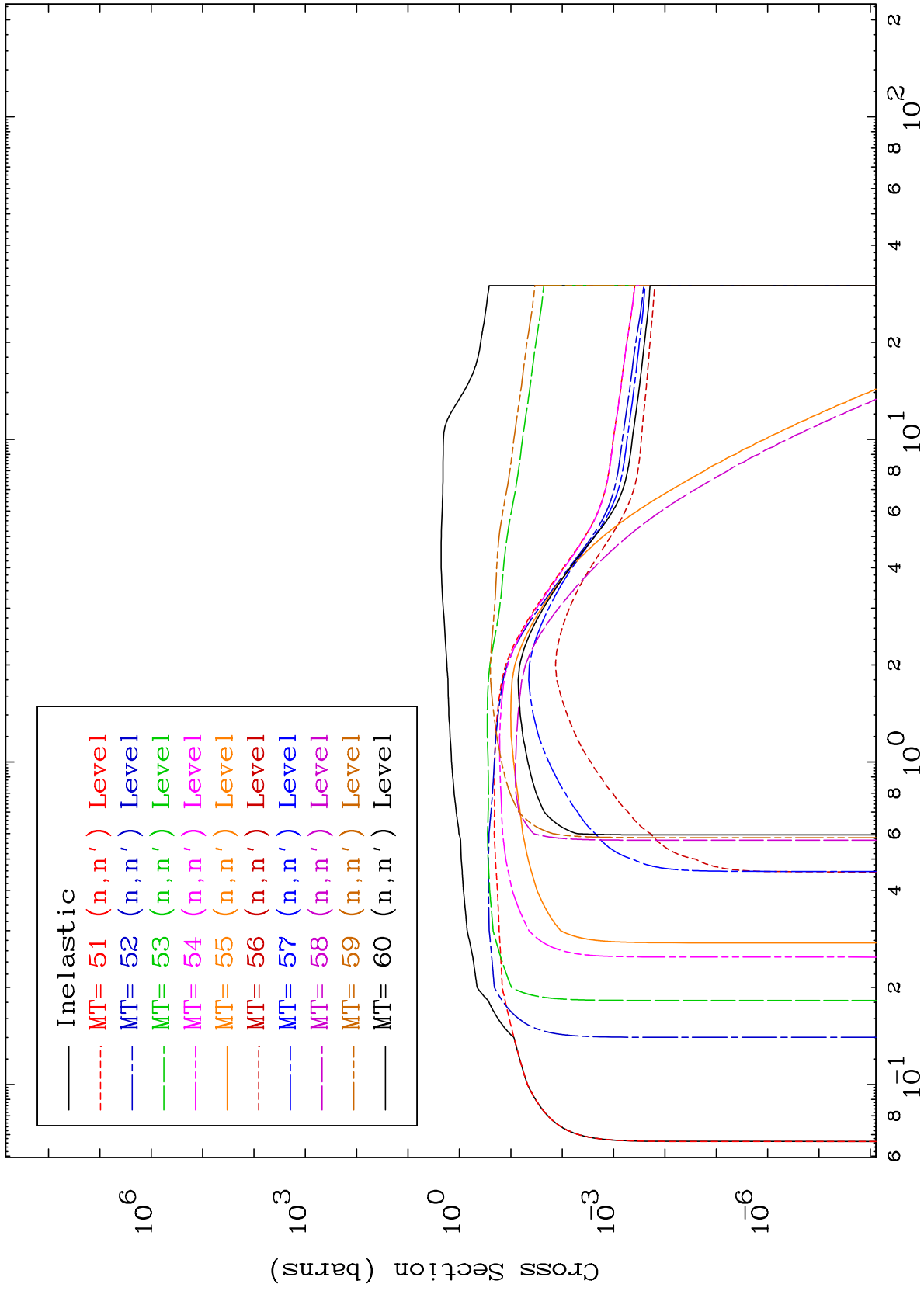
55-Cs-127



MAT 5507

(n,n') Level
293 Kelvin Cross Sections

55-Cs-127



7

Incident Energy (MeV)

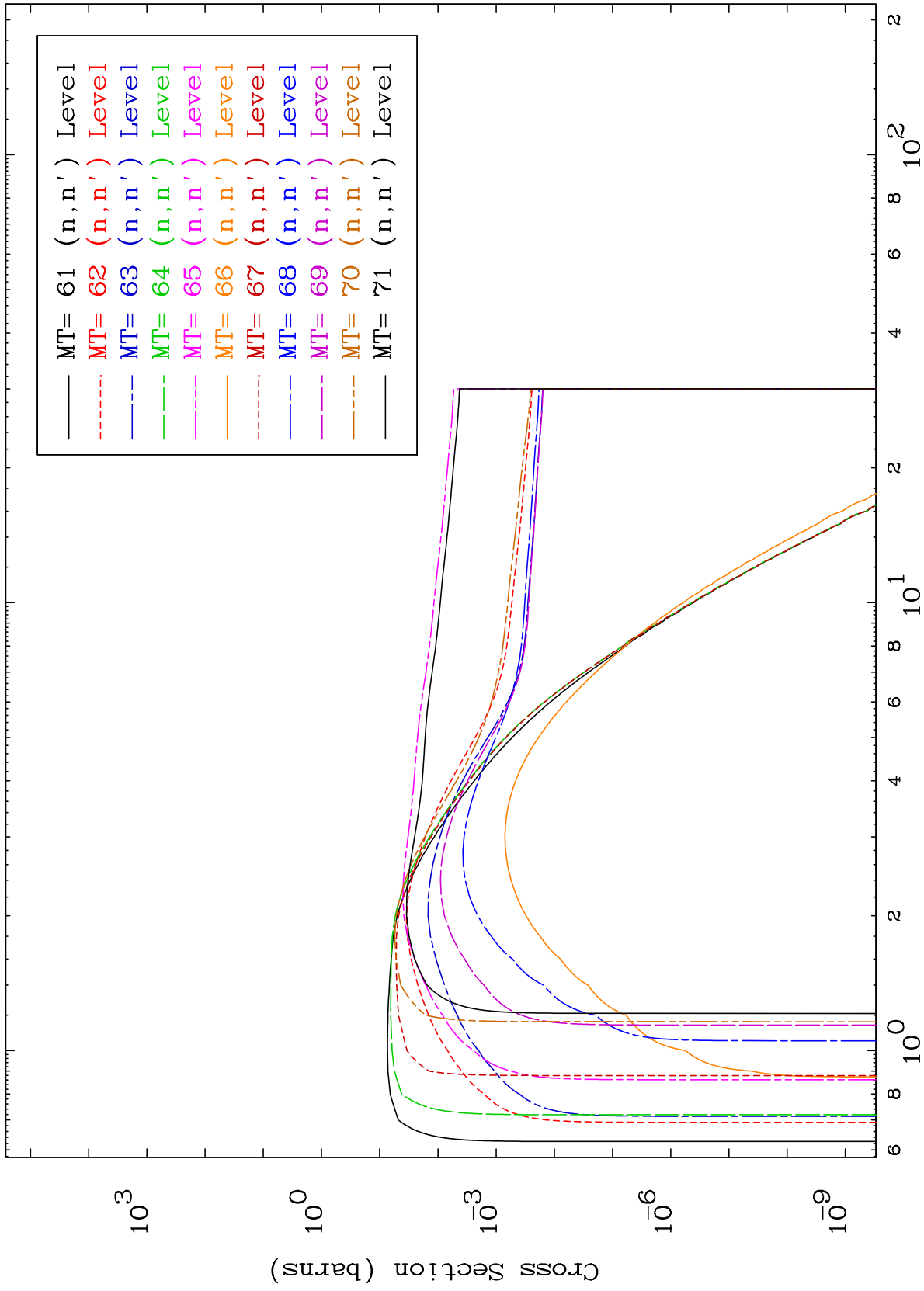
55-Cs-127

MAT 5507

(n,n') Level

293 Kelvin Cross Sections

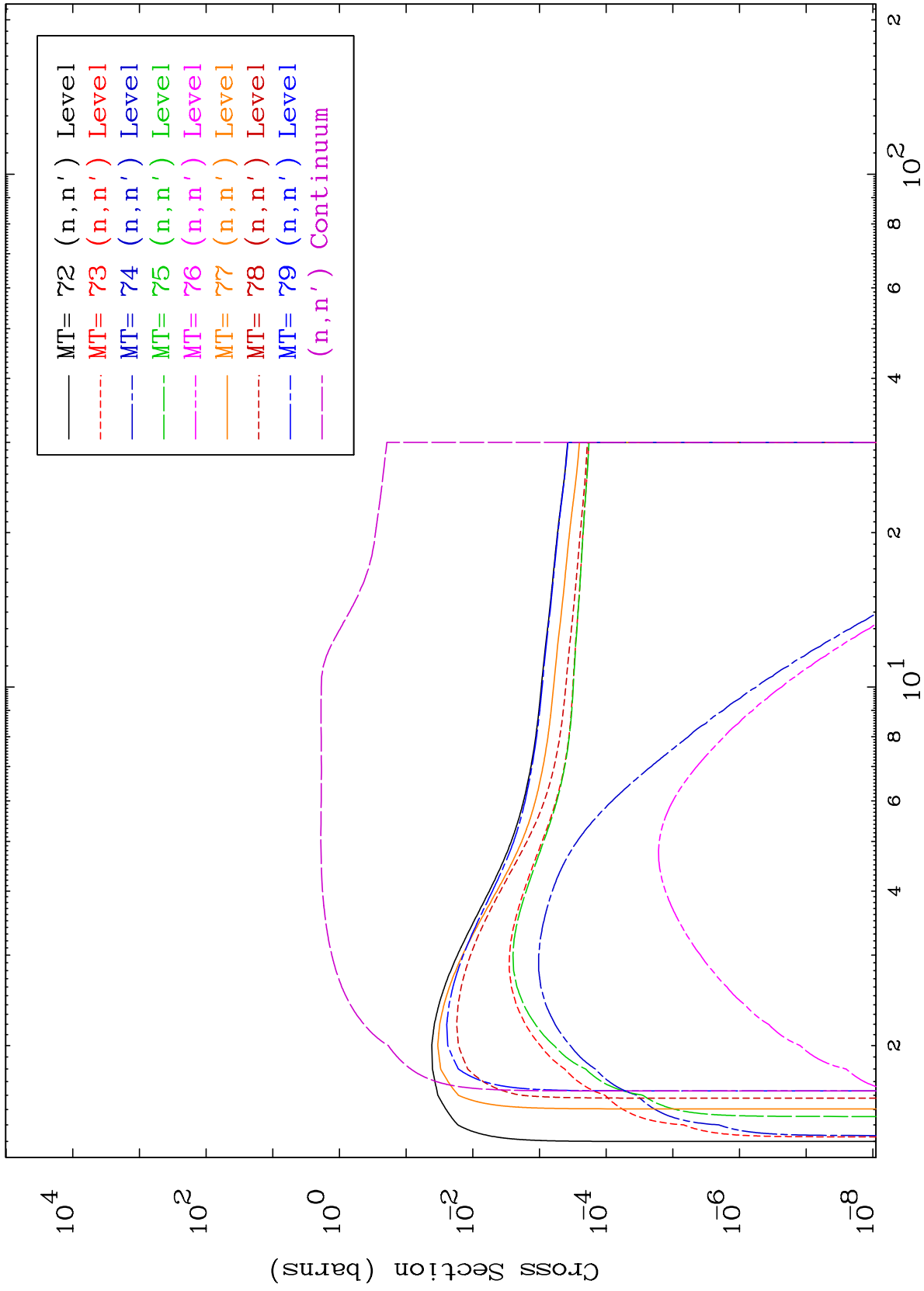
55-Cs-127



8

Incident Energy (MeV)

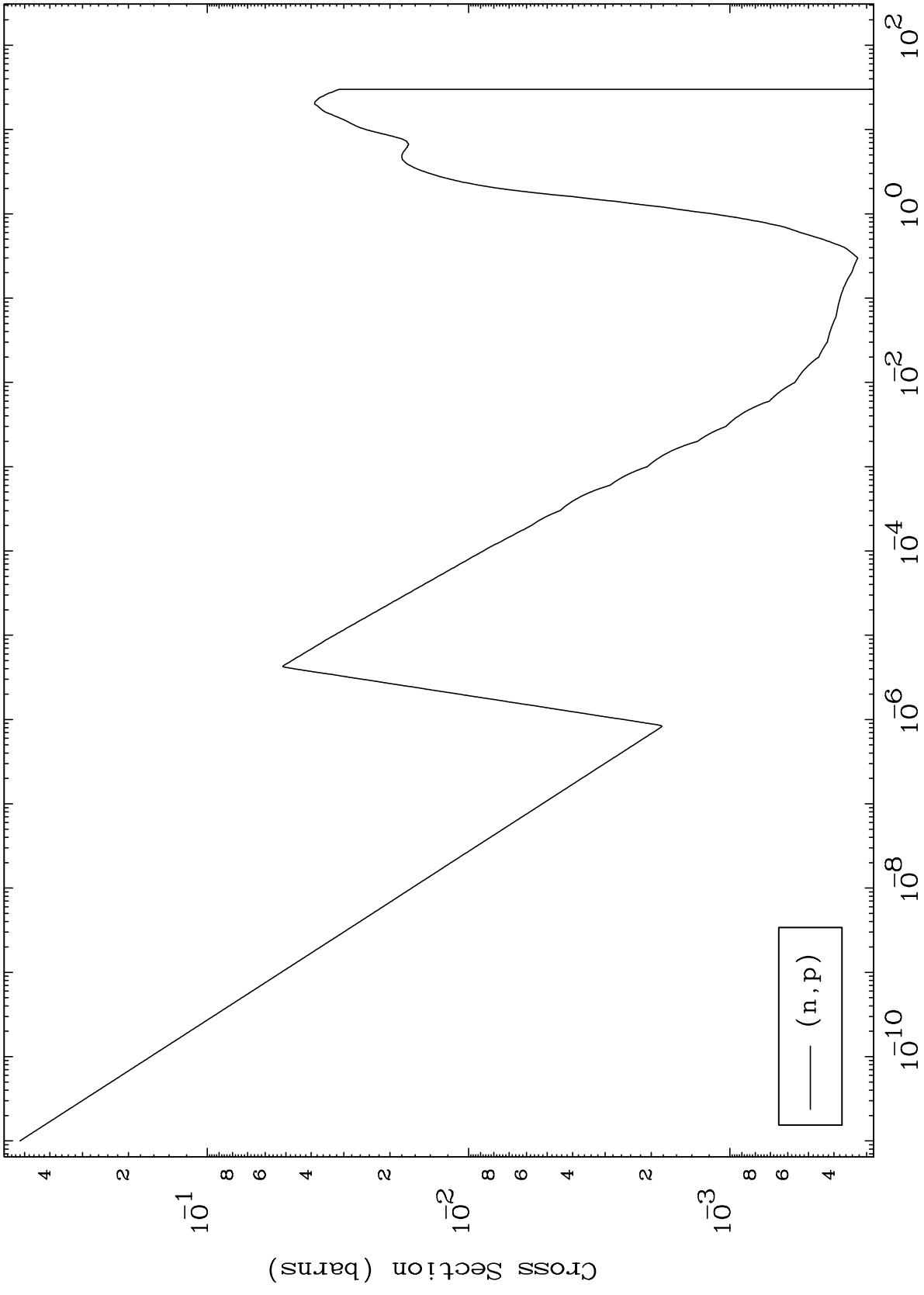
55-Cs-127



MAT 5507

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-127



10

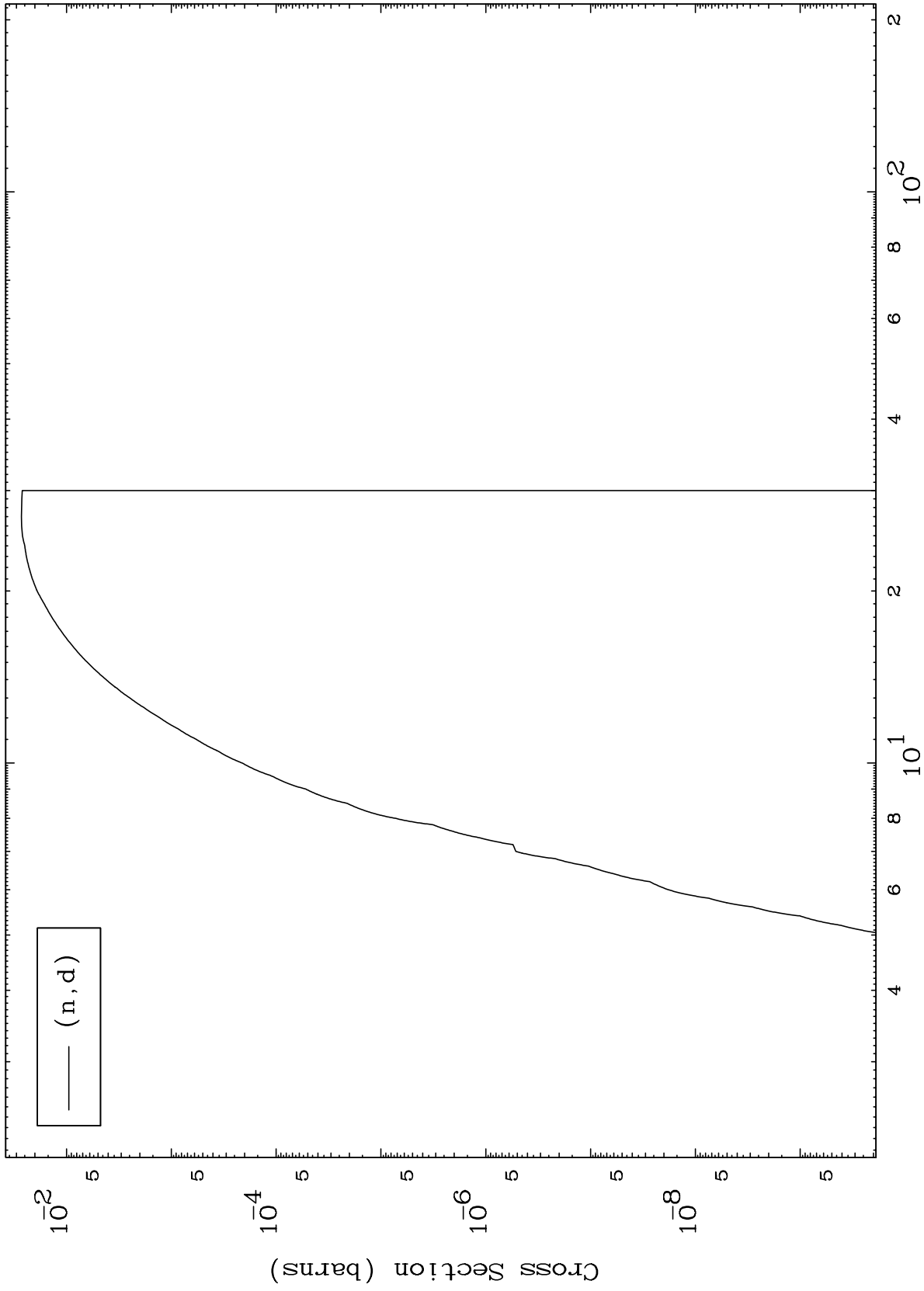
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n,d) Levels
293 Kelvin Cross Sections

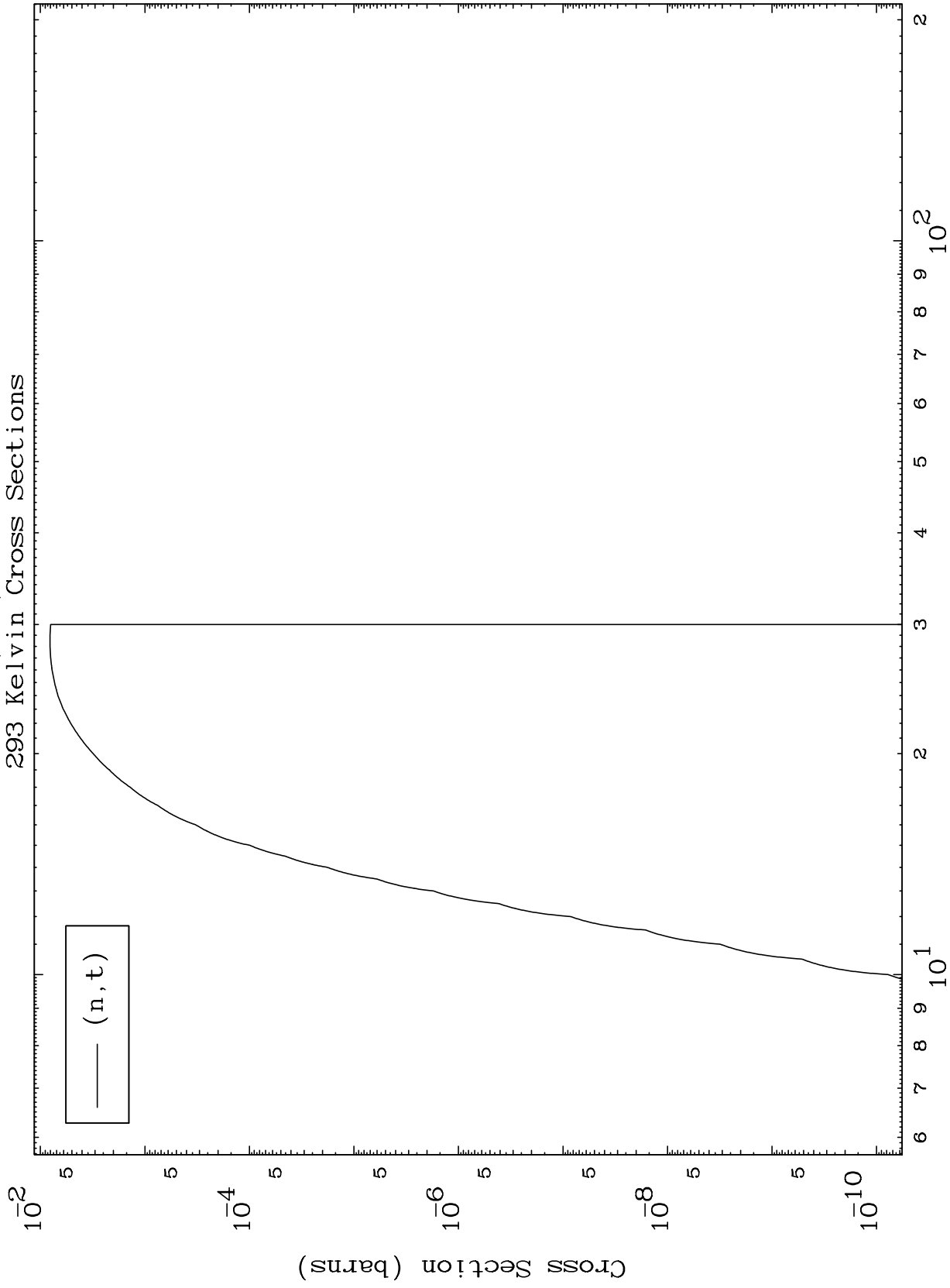
55-Cs-127



MAT 5507

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-127



12

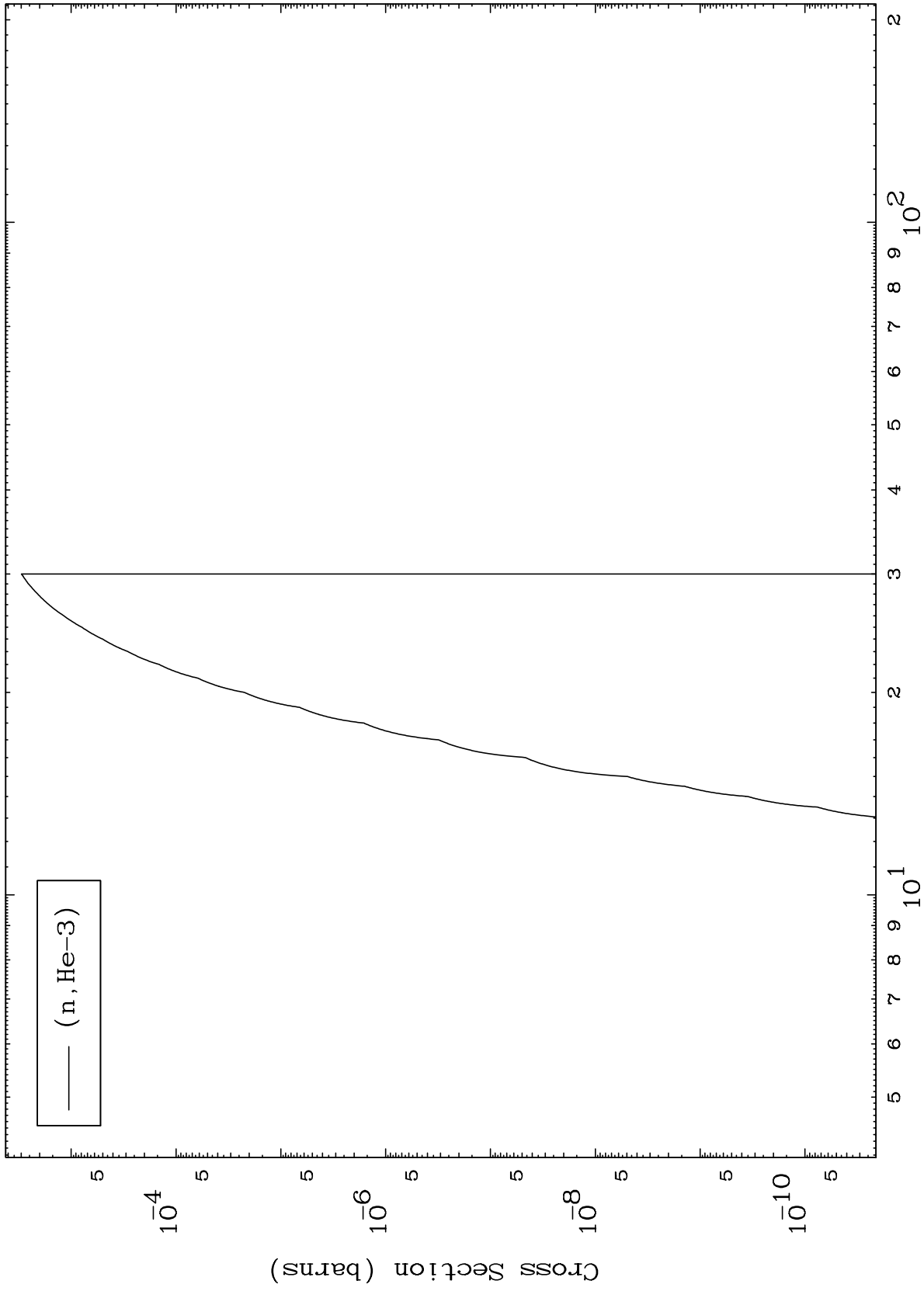
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-127



13

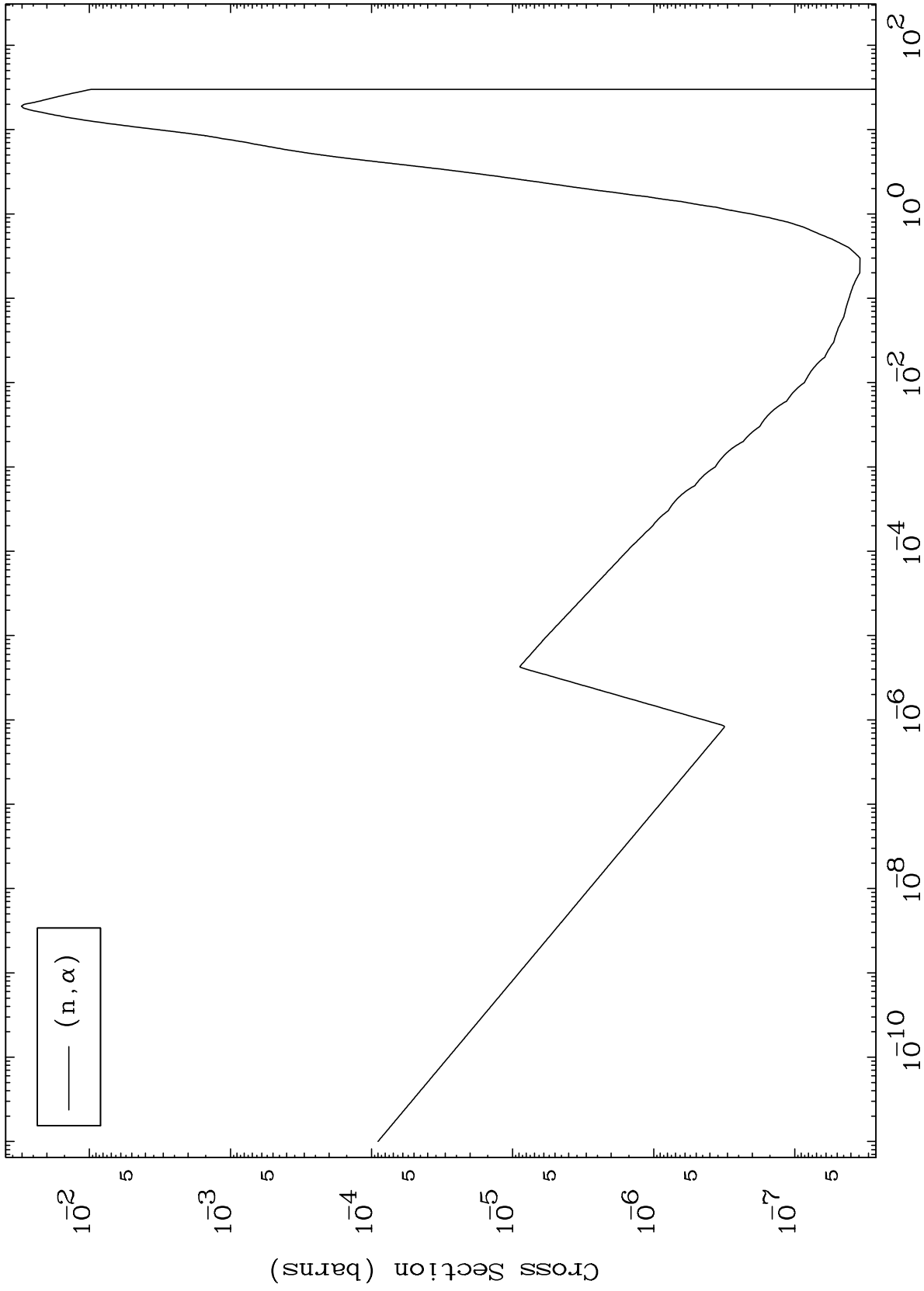
Incident Energy (MeV)

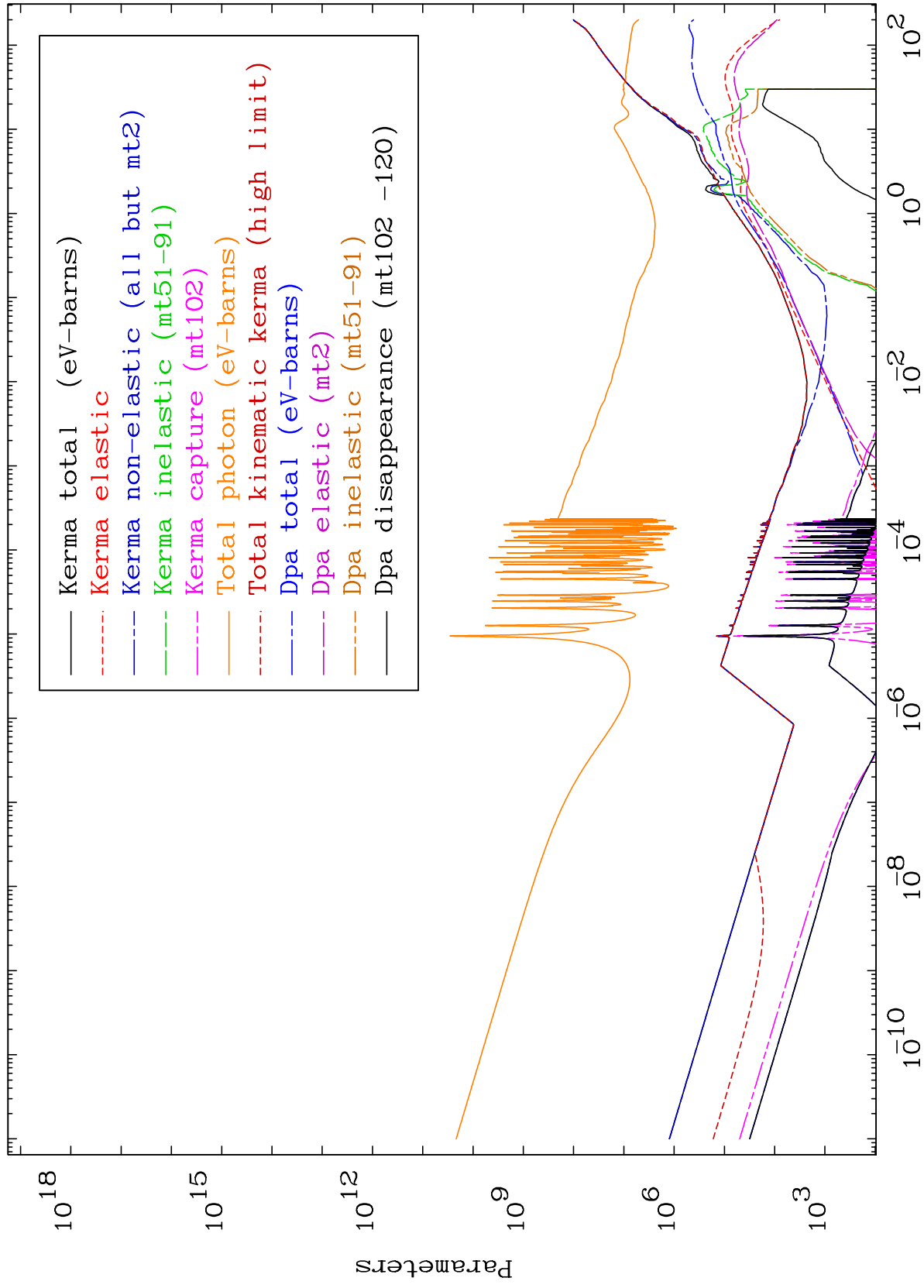
55-Cs-127

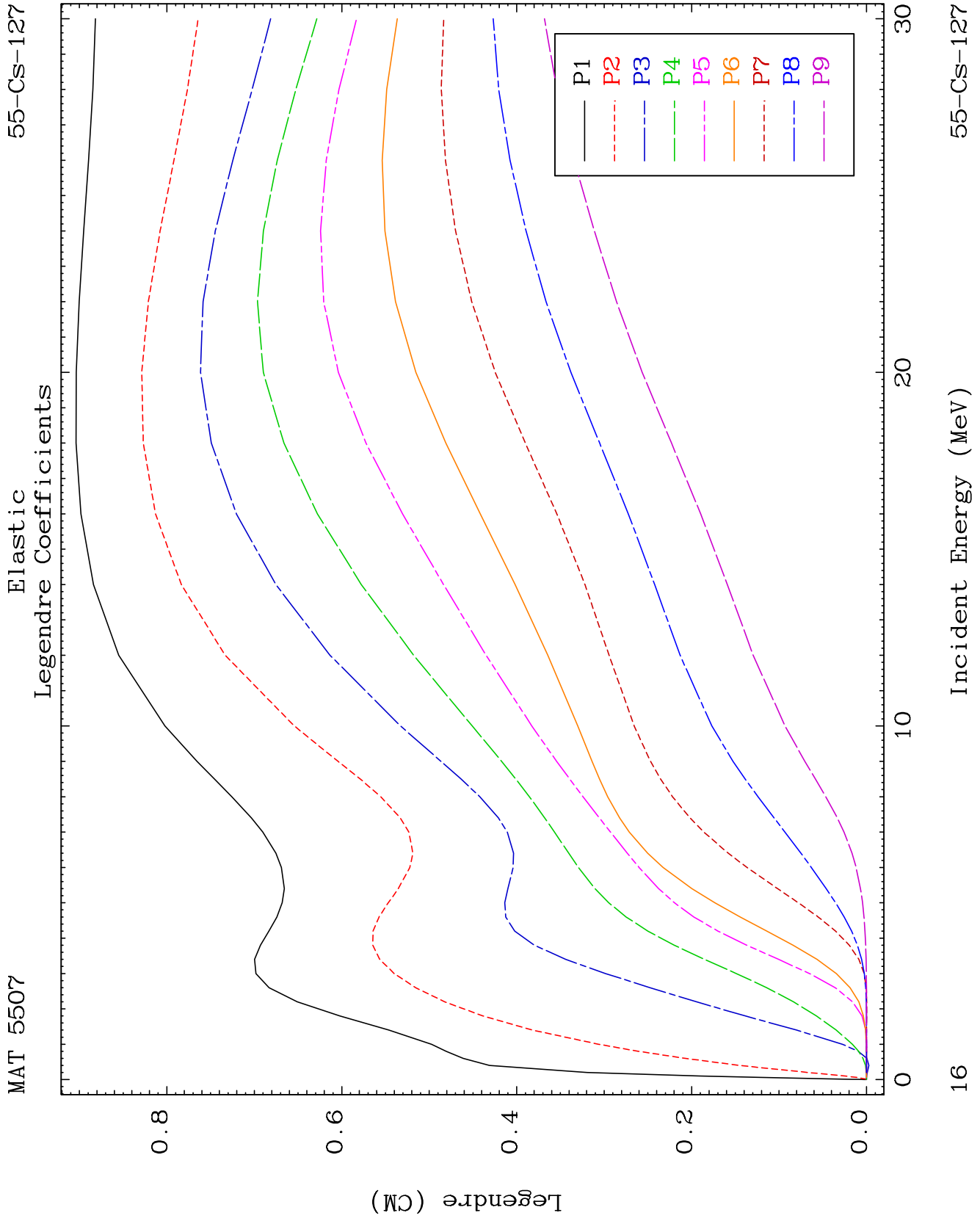
MAT 5507

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-127



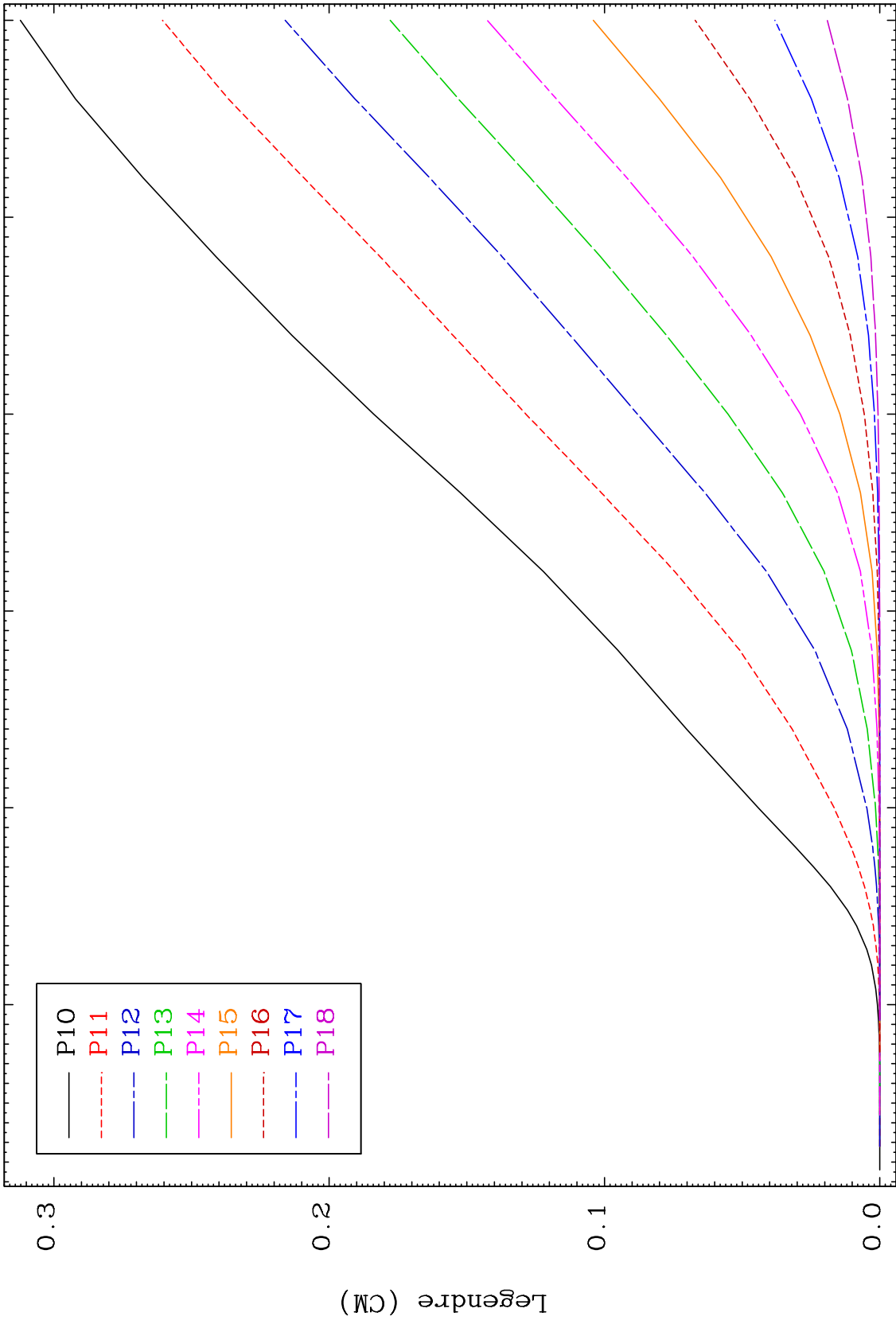




MAT 5507

Elastic Legendre Coefficients

55-Cs-127



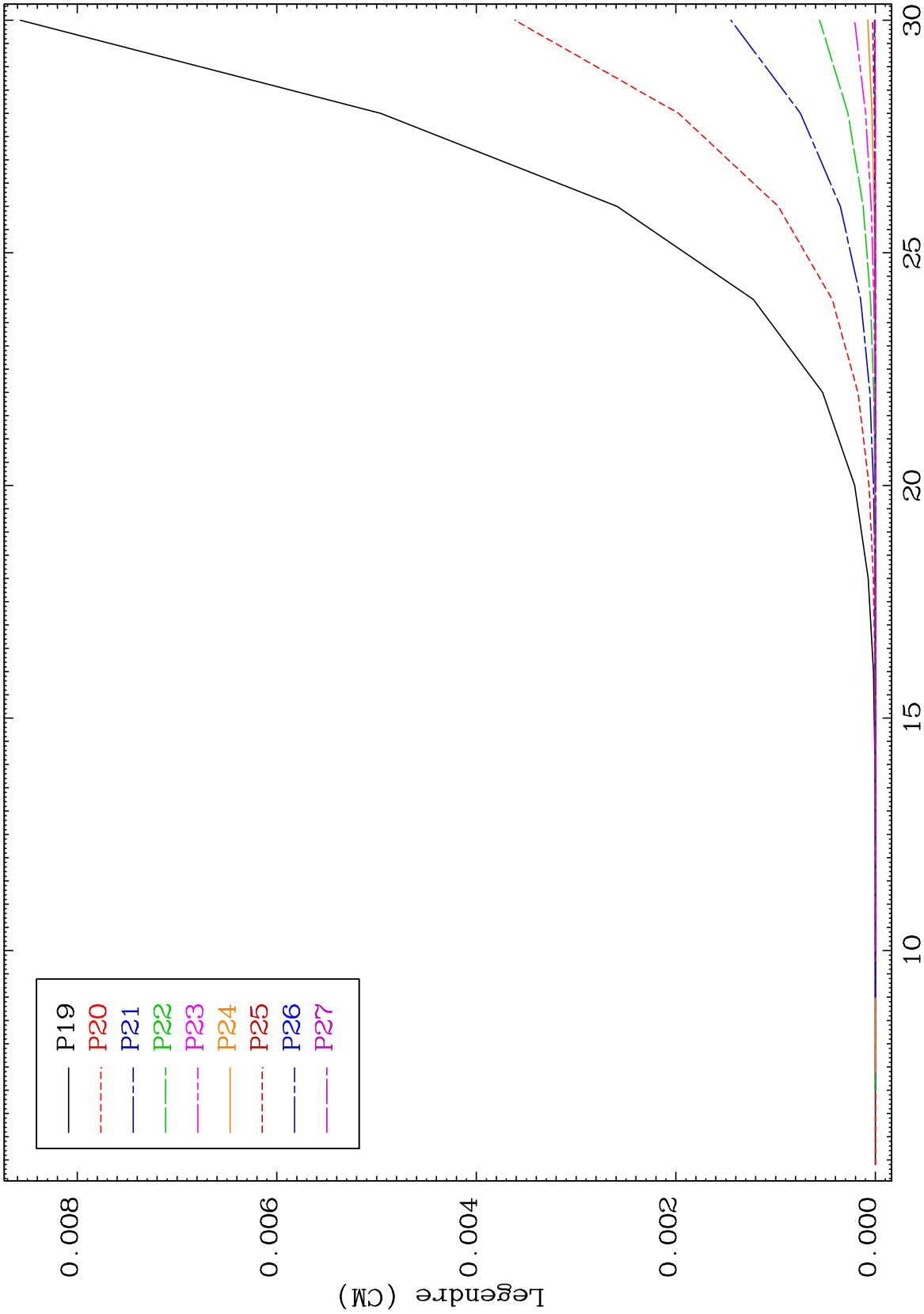
17

55-Cs-127

MAT 5507

Elastic Legendre Coefficients

55-Cs-127



18

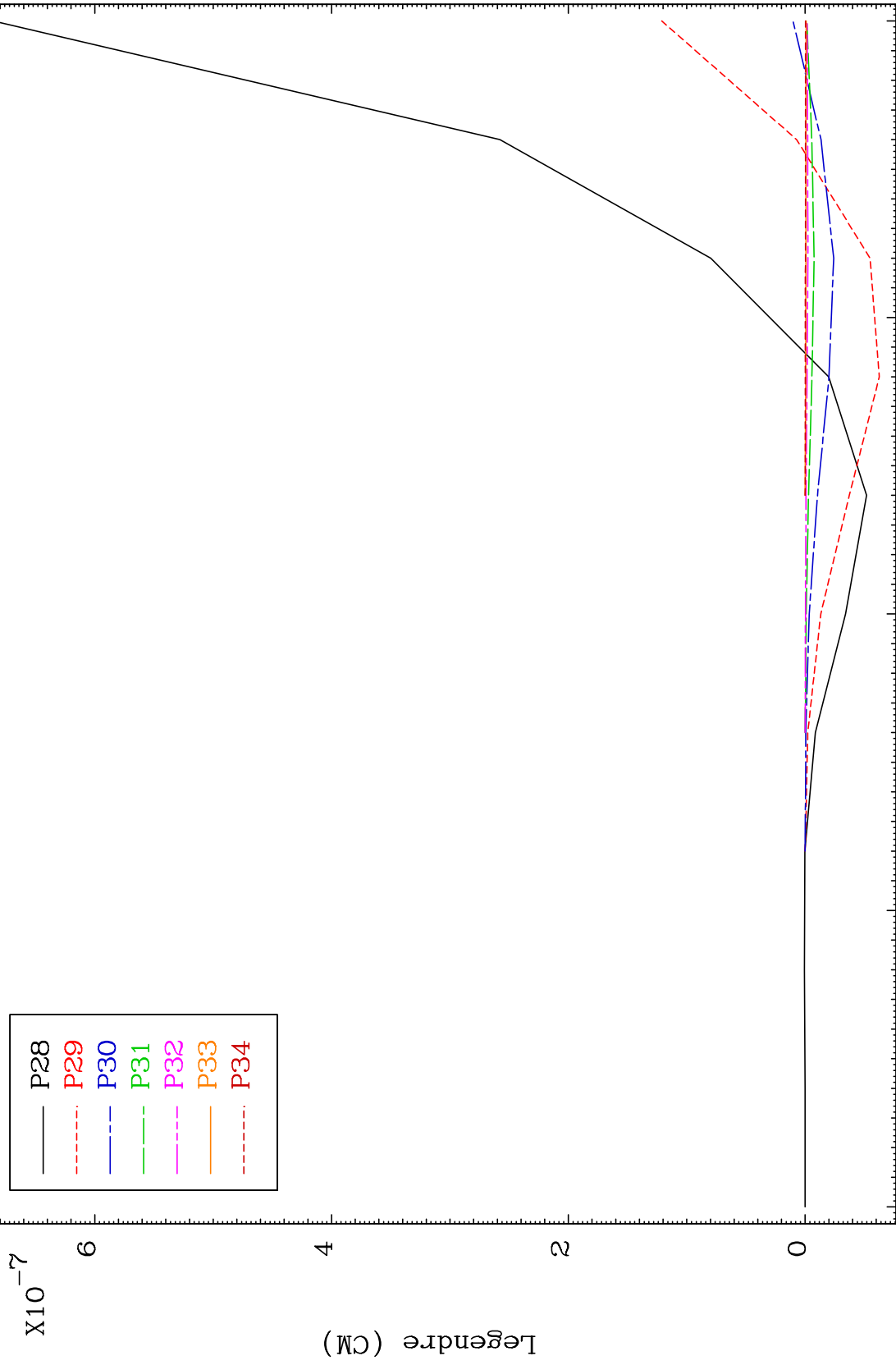
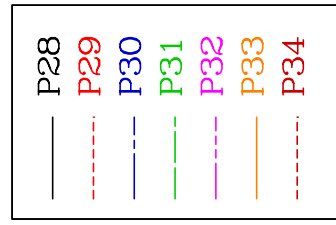
Incident Energy (MeV)

55-Cs-127

MAT 5507

Elastic Legendre Coefficients

55-Cs-127



19

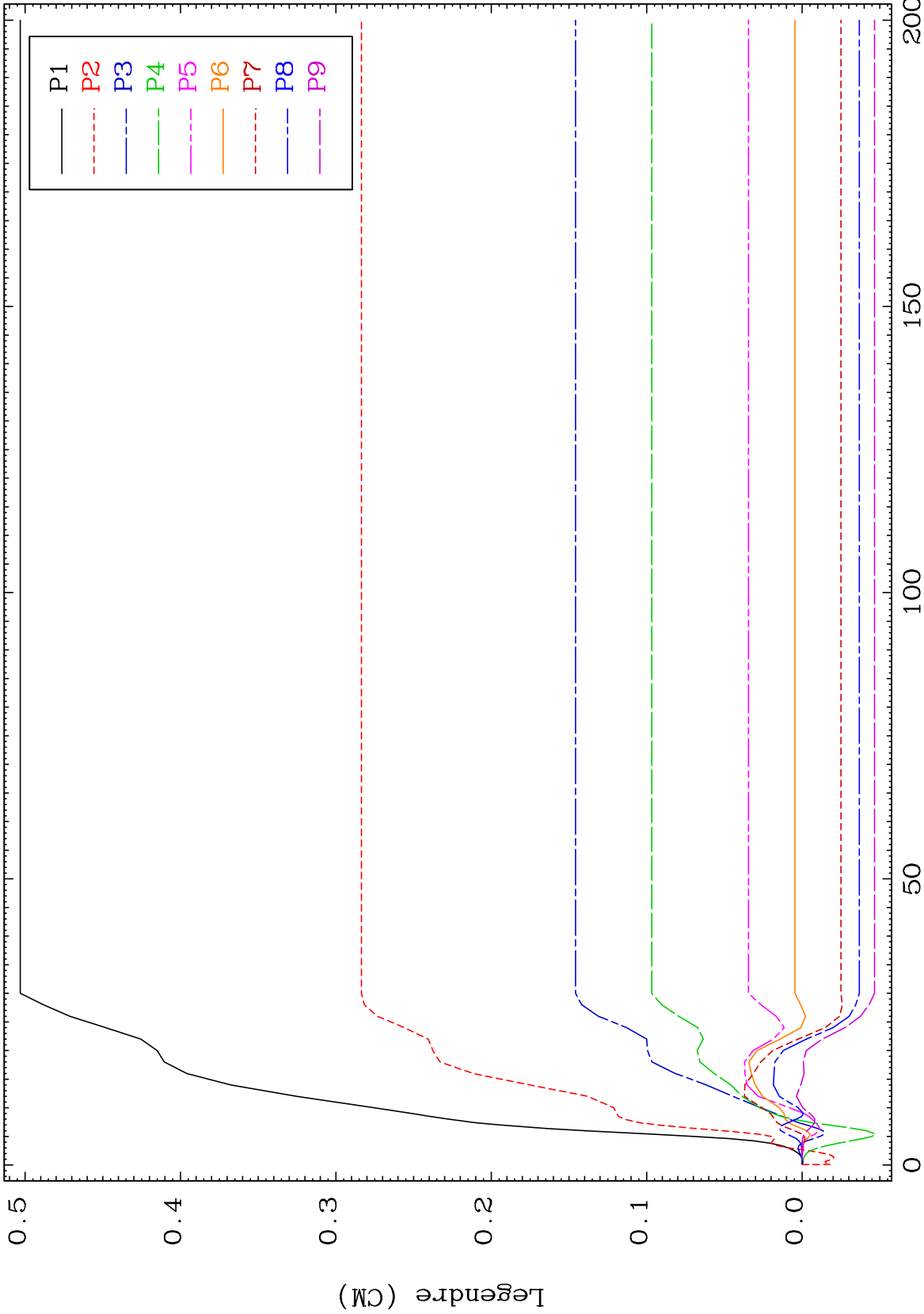
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

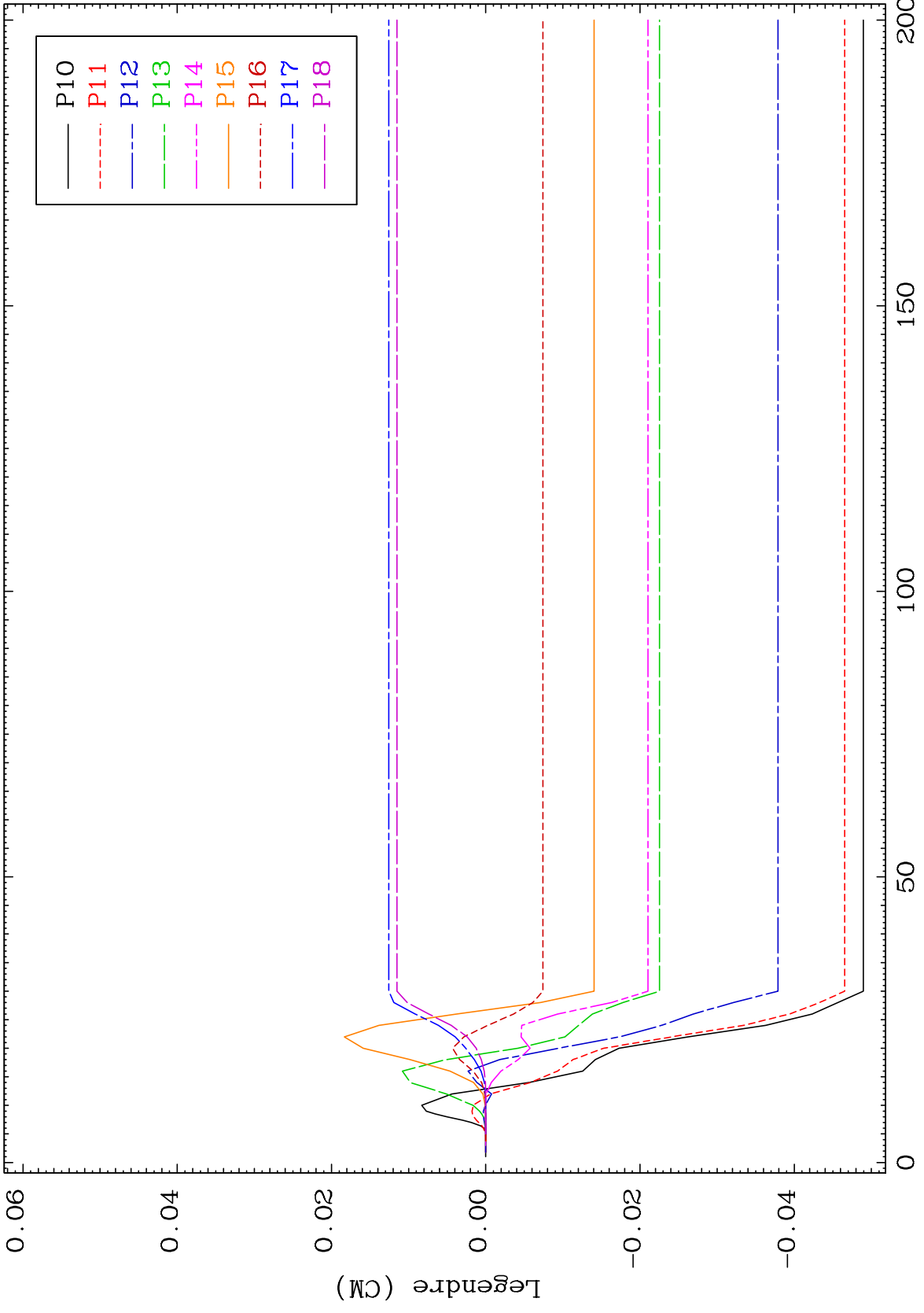
Incident Energy (MeV)

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MAT 5507

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

55-Cs-127



21

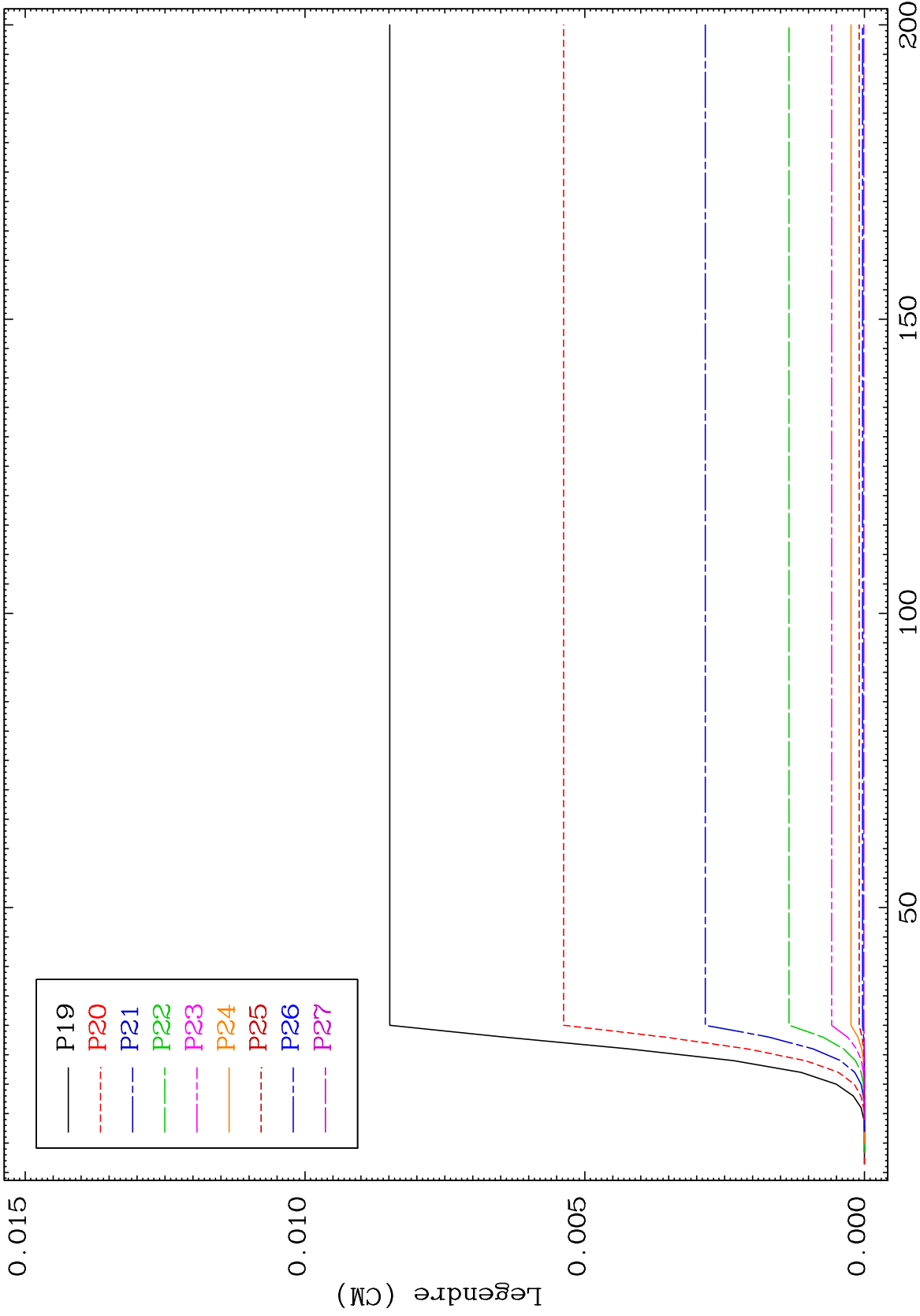
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



22

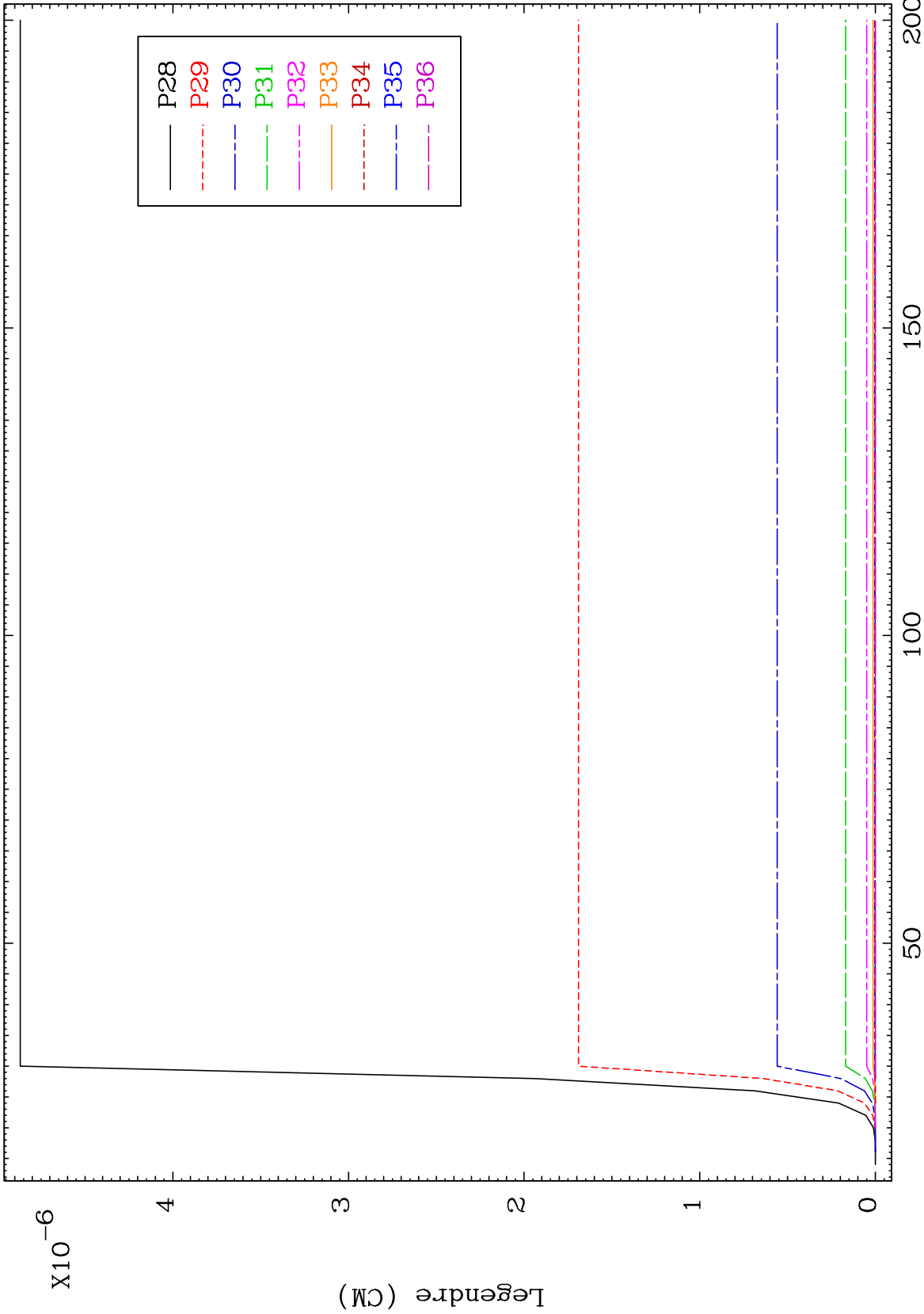
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



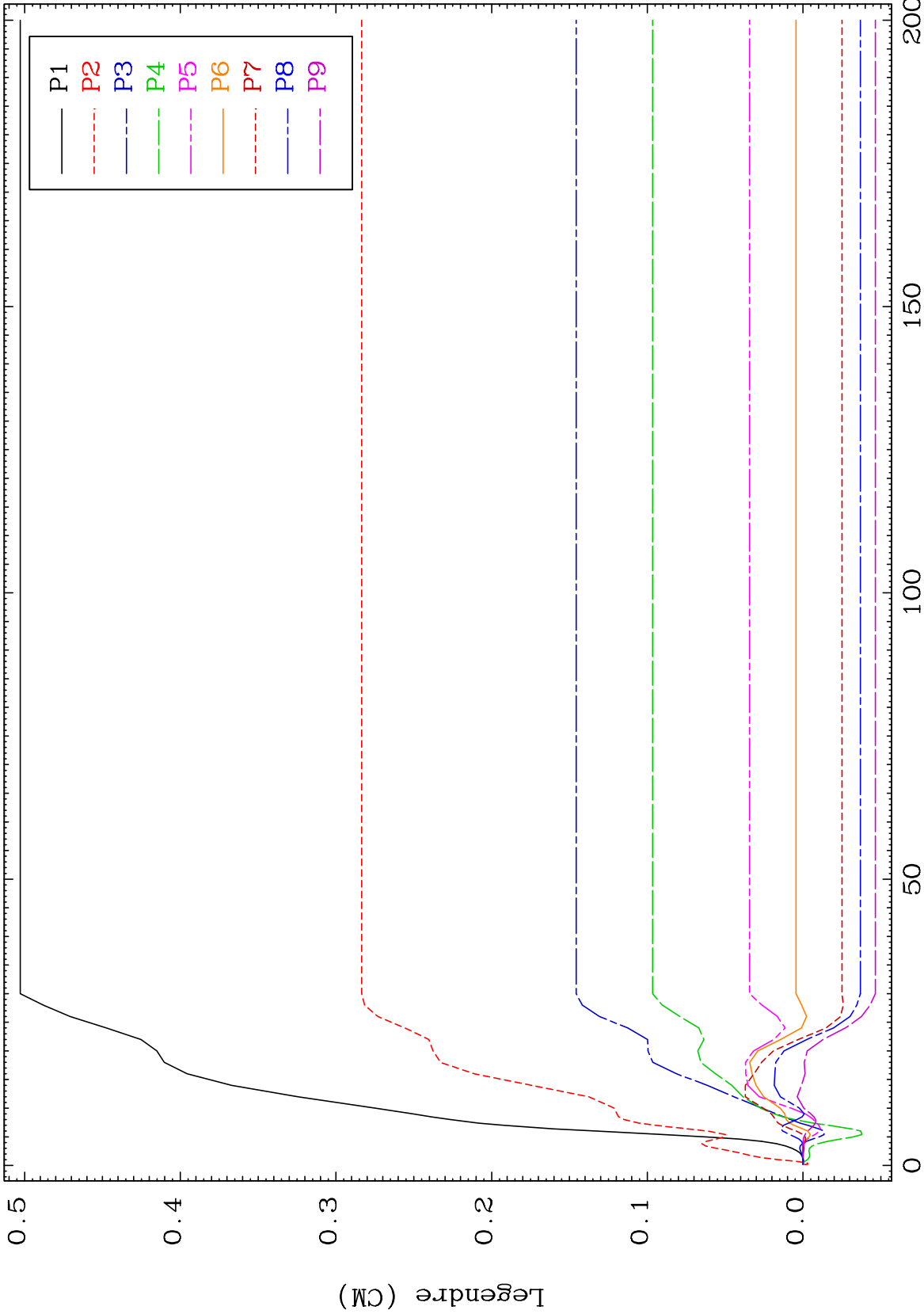
23

55-Cs-127

MAT 5507

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

55-Cs-127



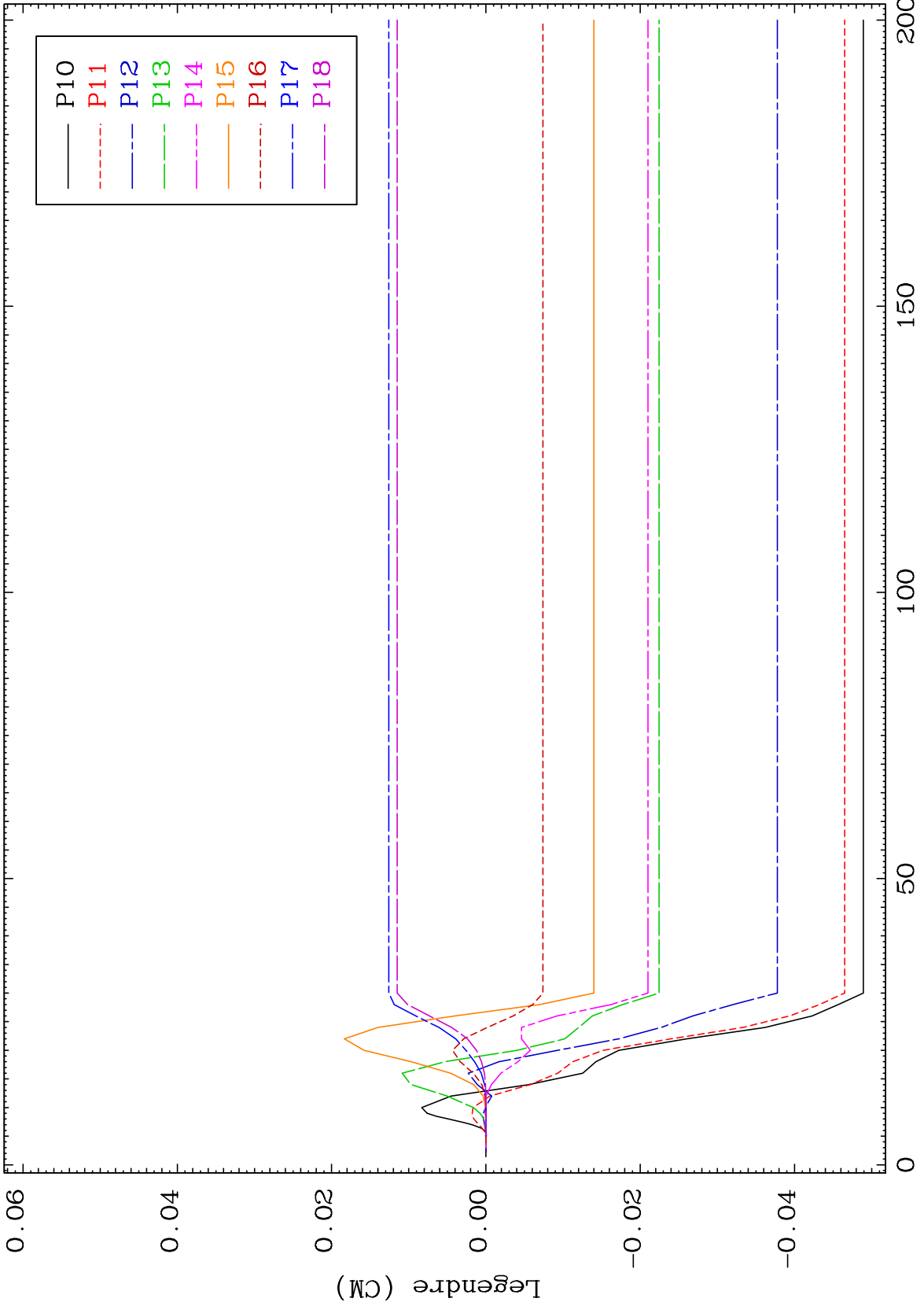
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55-Cs-127

MAT 5507

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

55-Cs-127



25

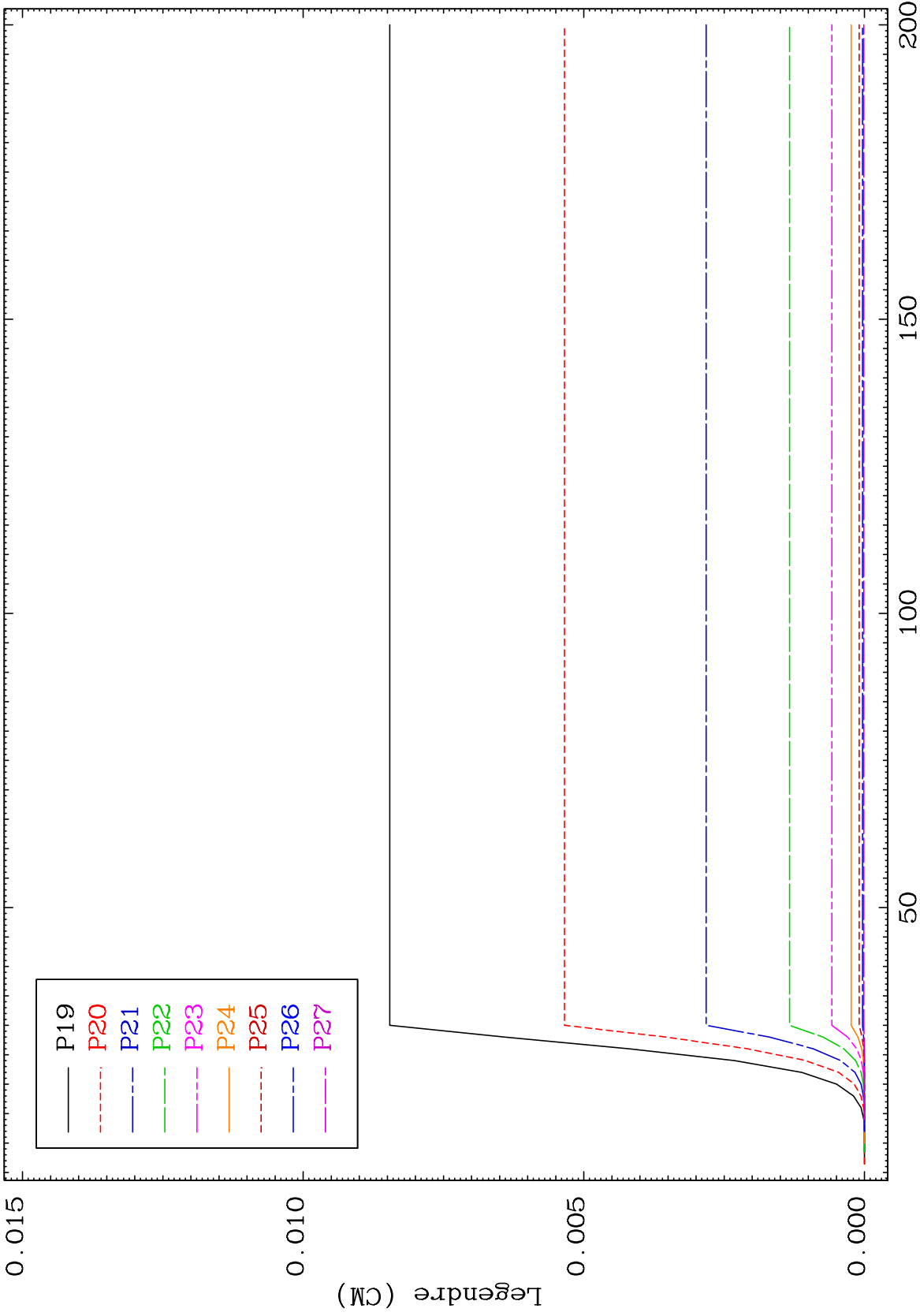
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



26

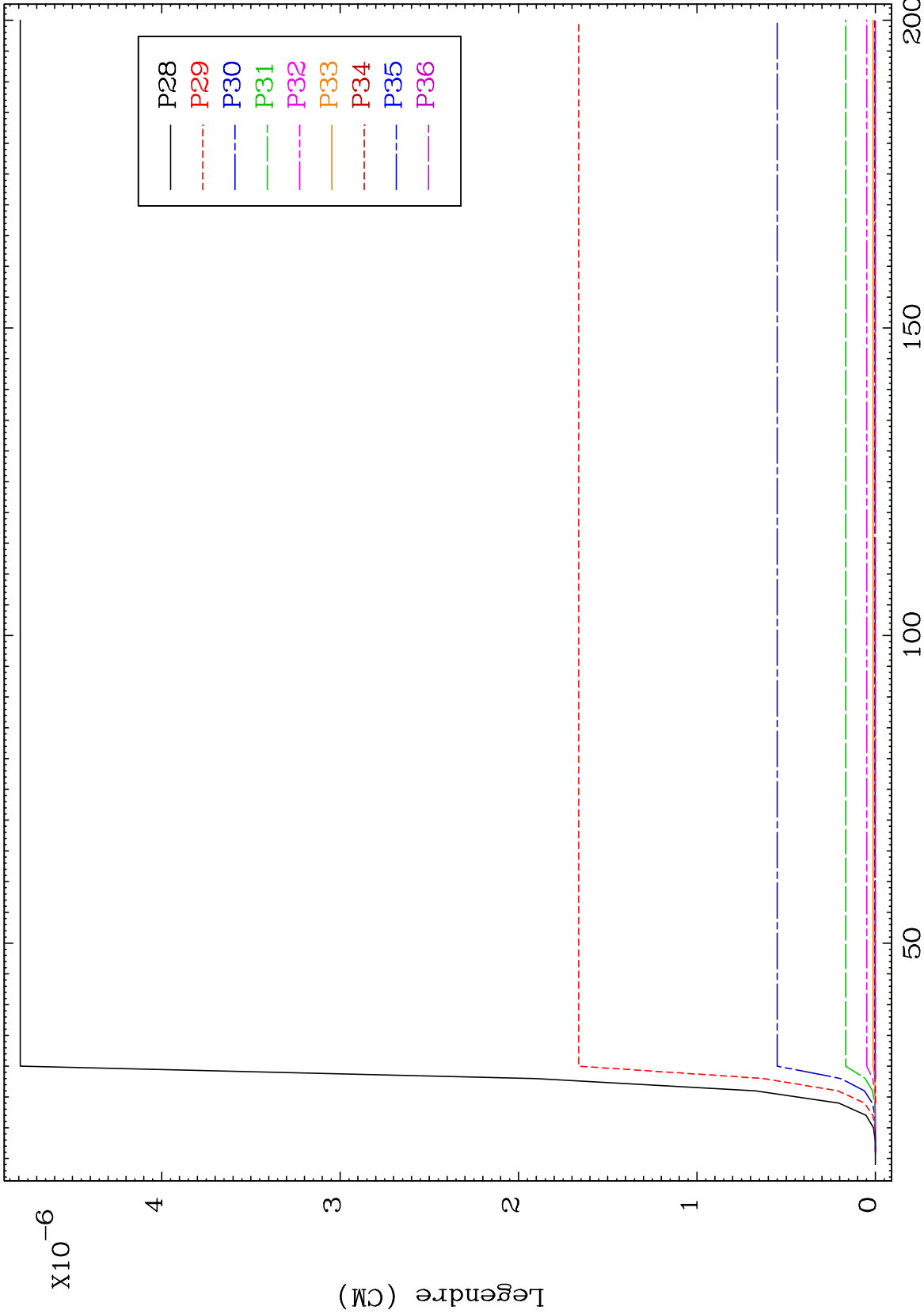
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



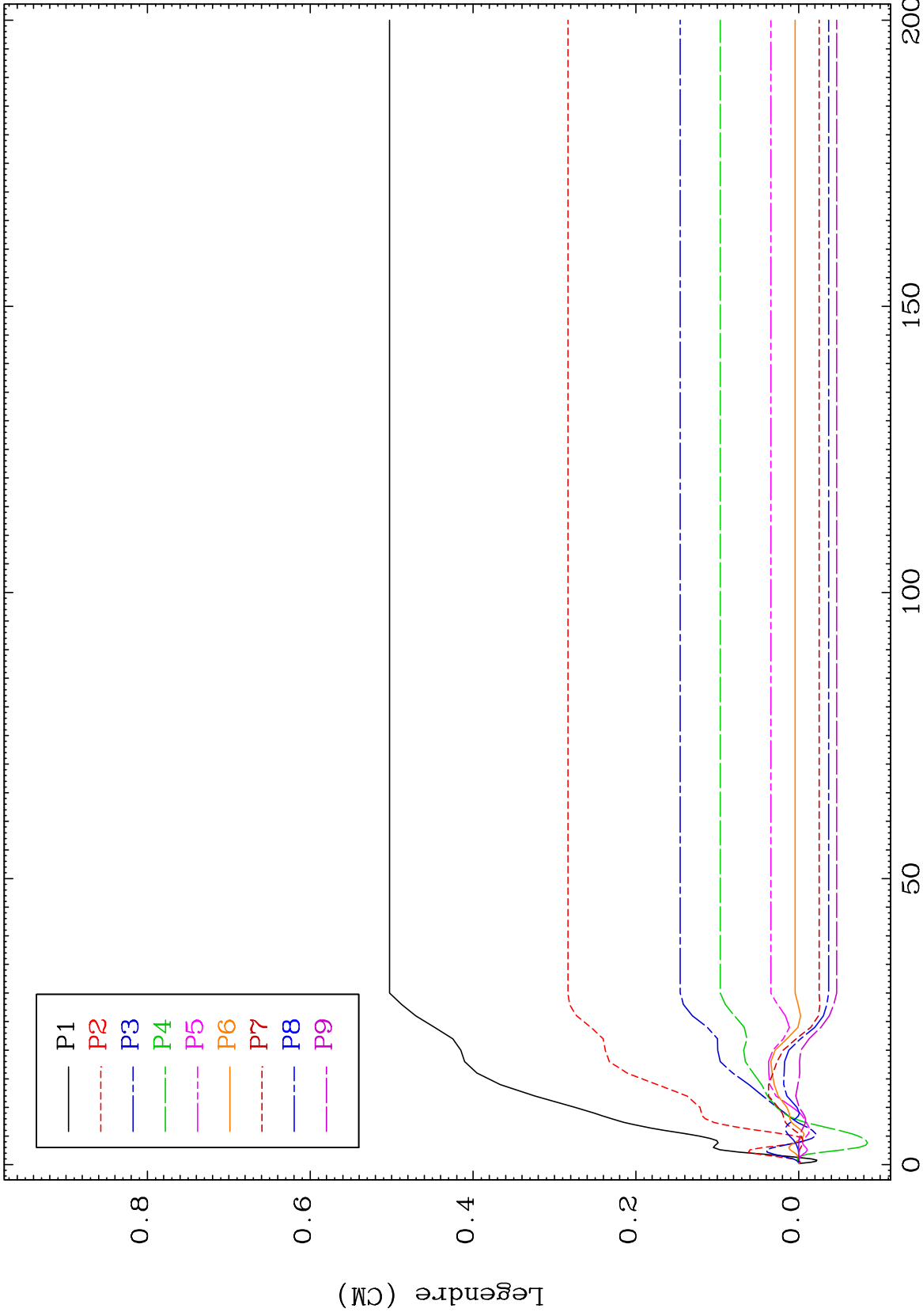
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55-Cs-127

MAT 5507

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

55-Cs-127



28

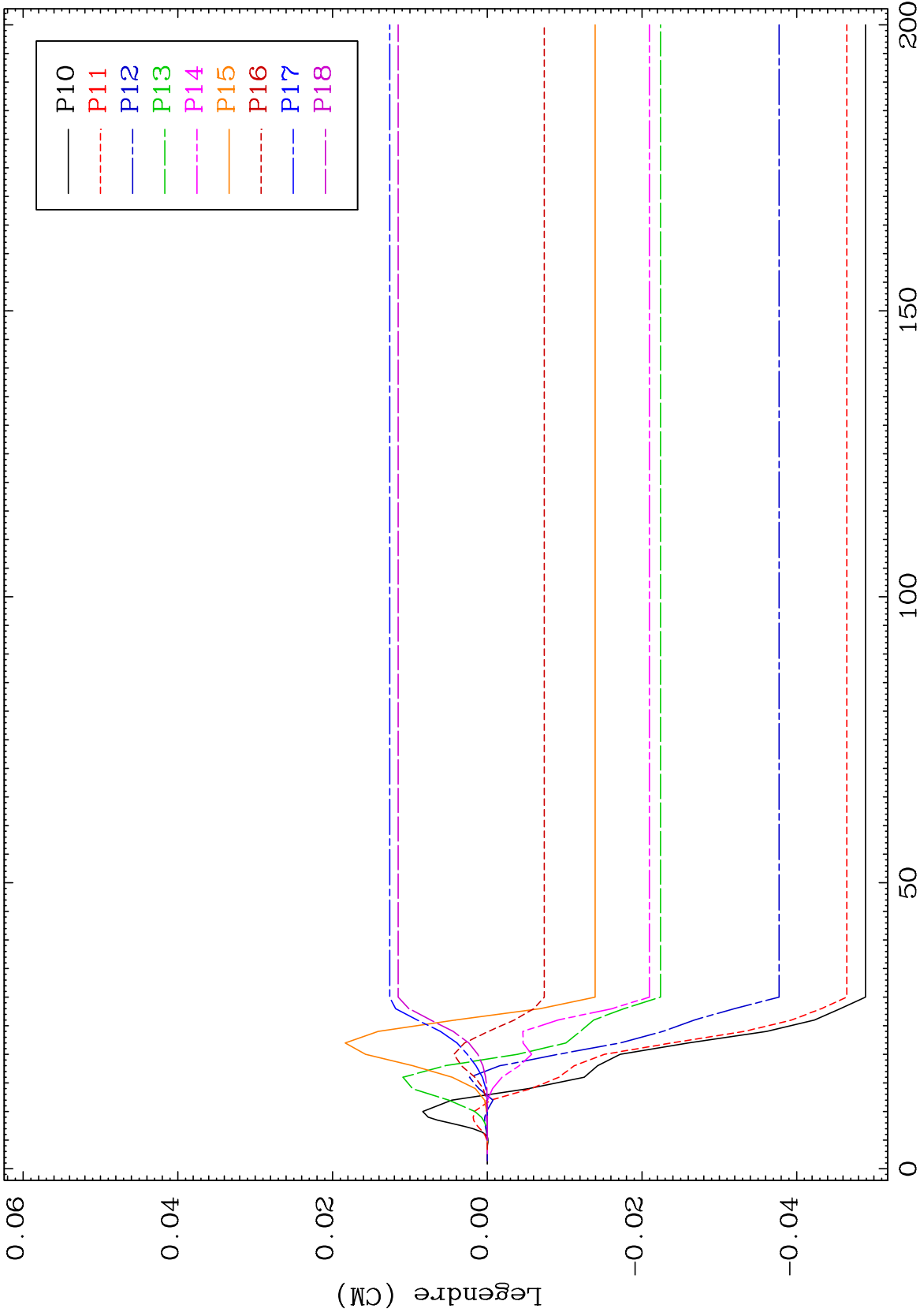
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



29

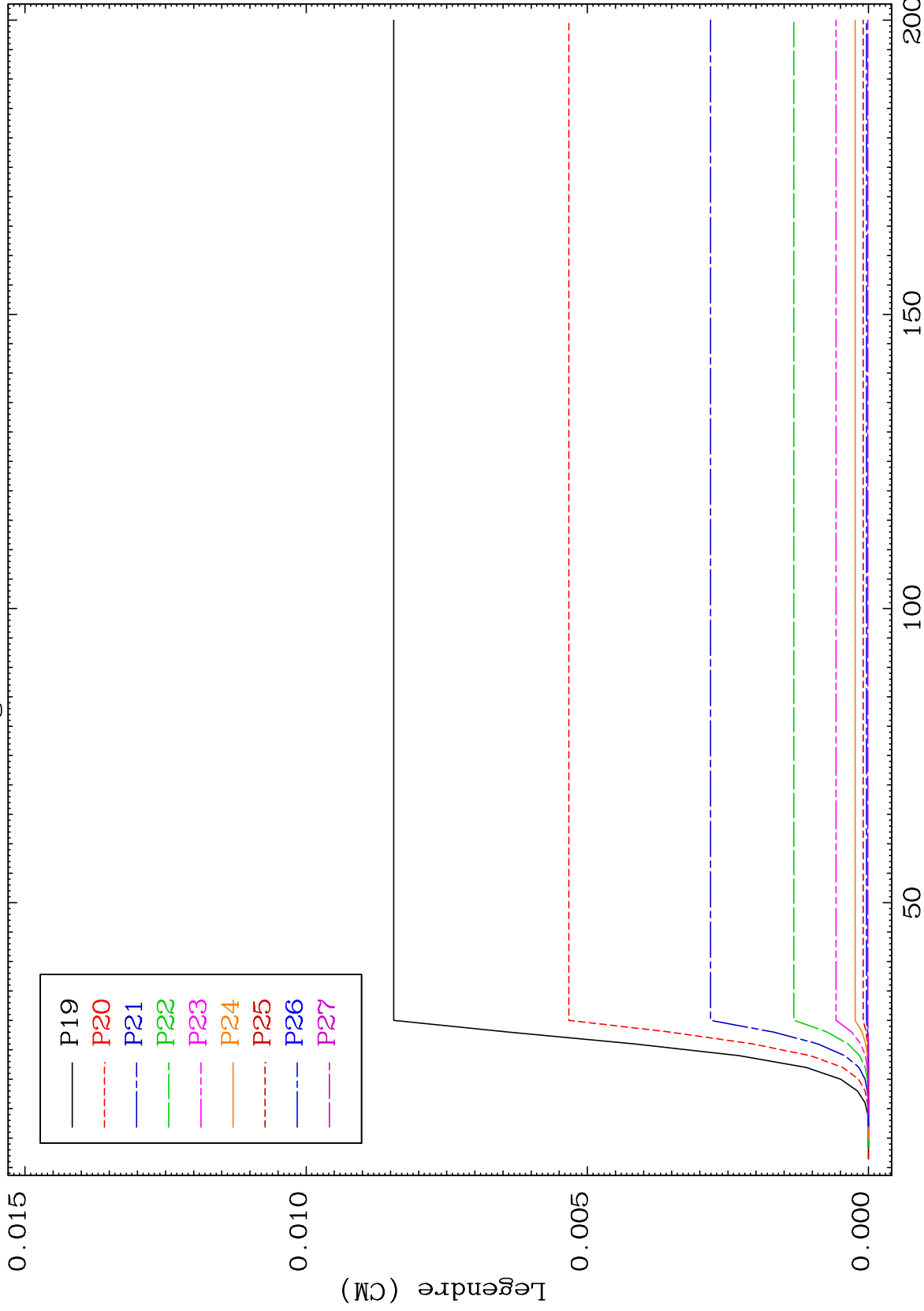
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



30

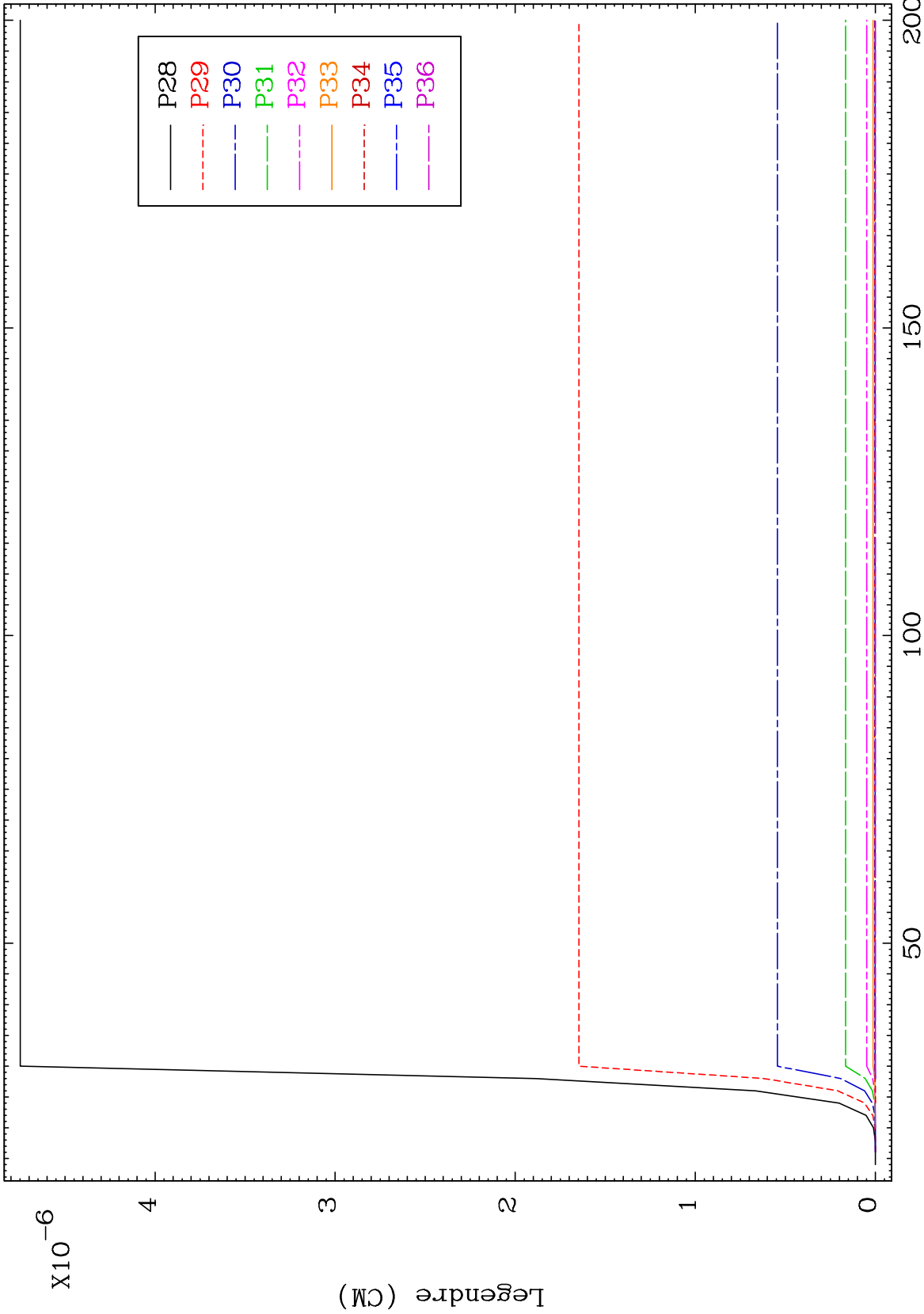
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



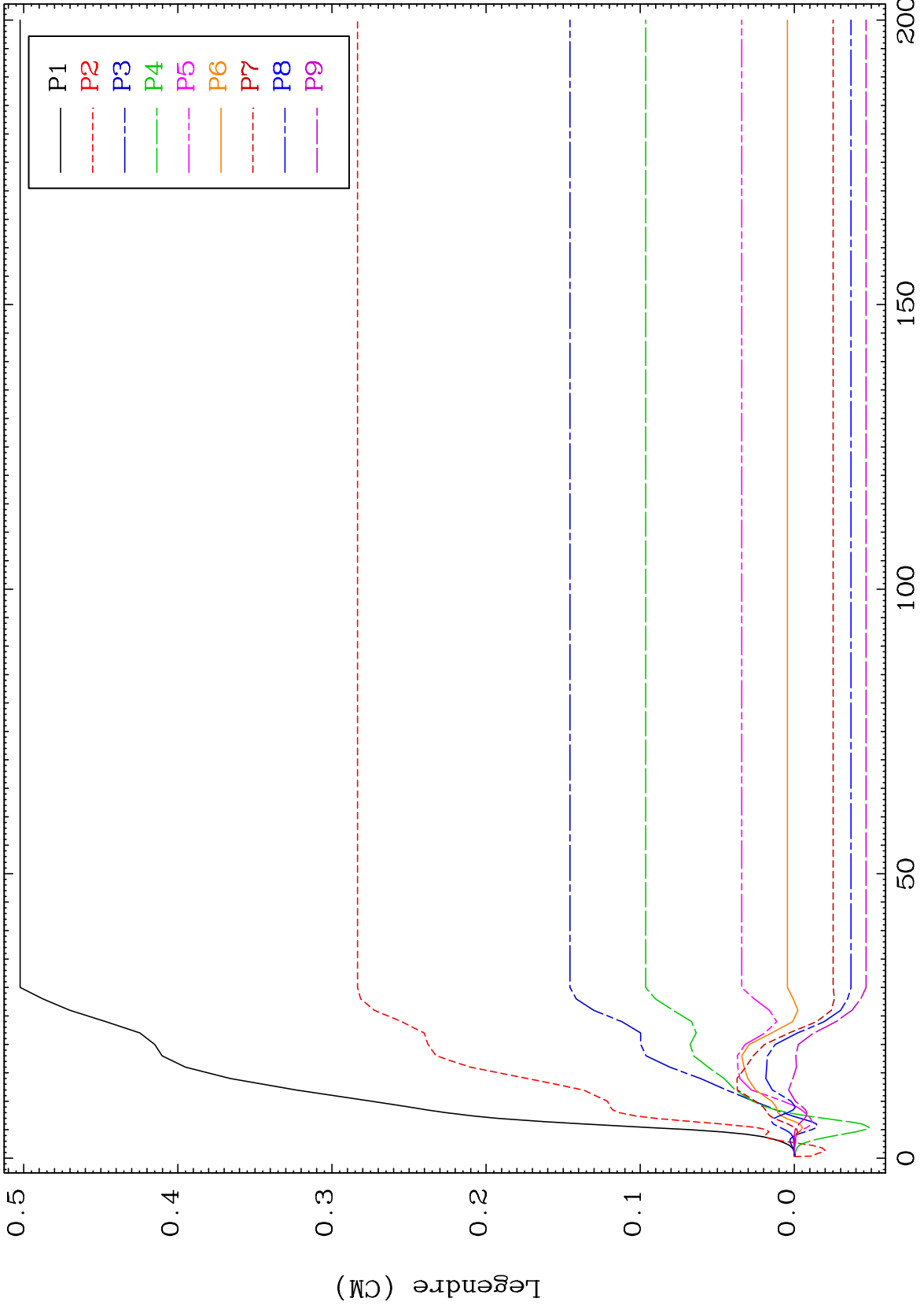
31

55-Cs-127

MAT 5507

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

55-Cs-127



32

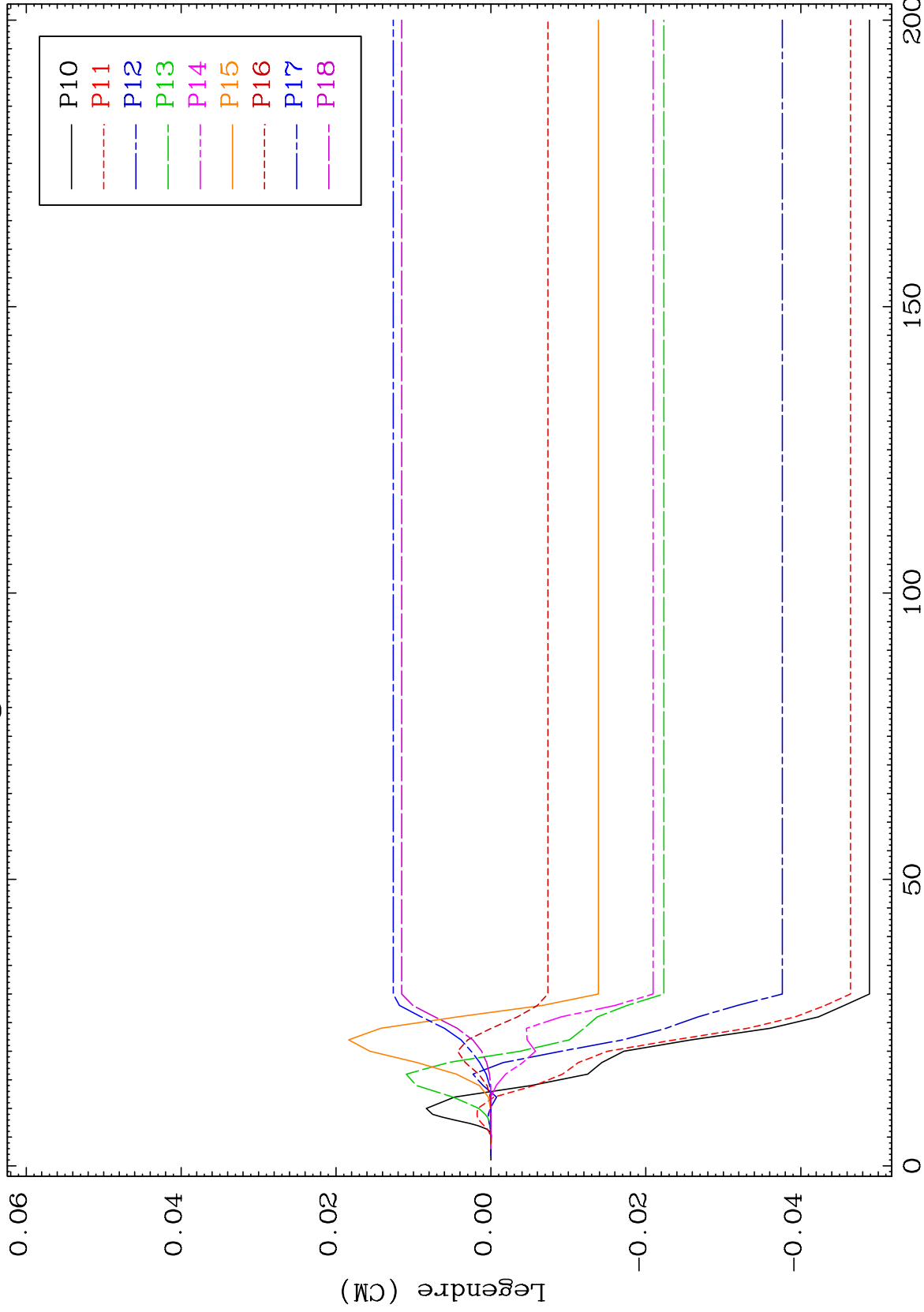
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



33

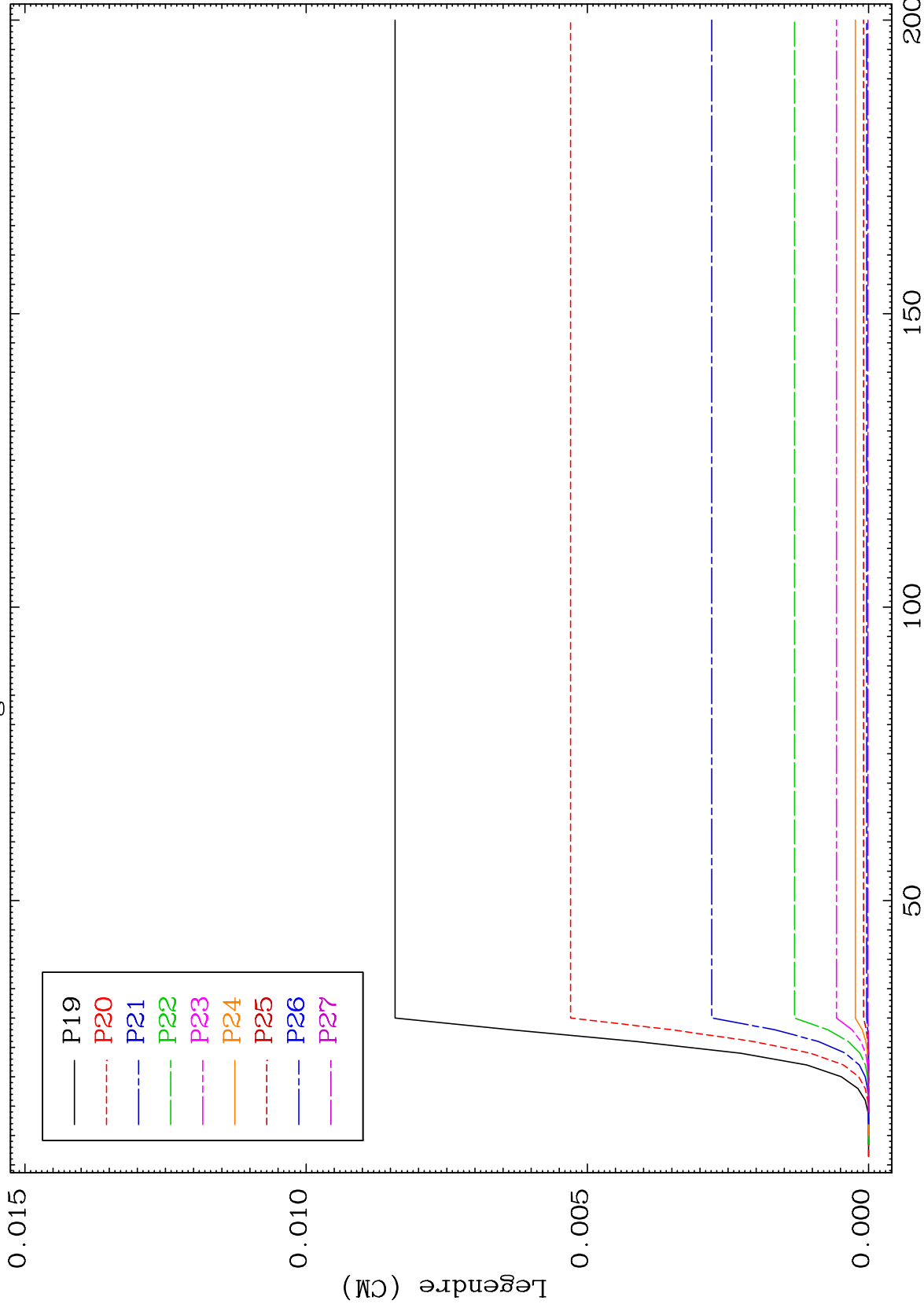
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



34

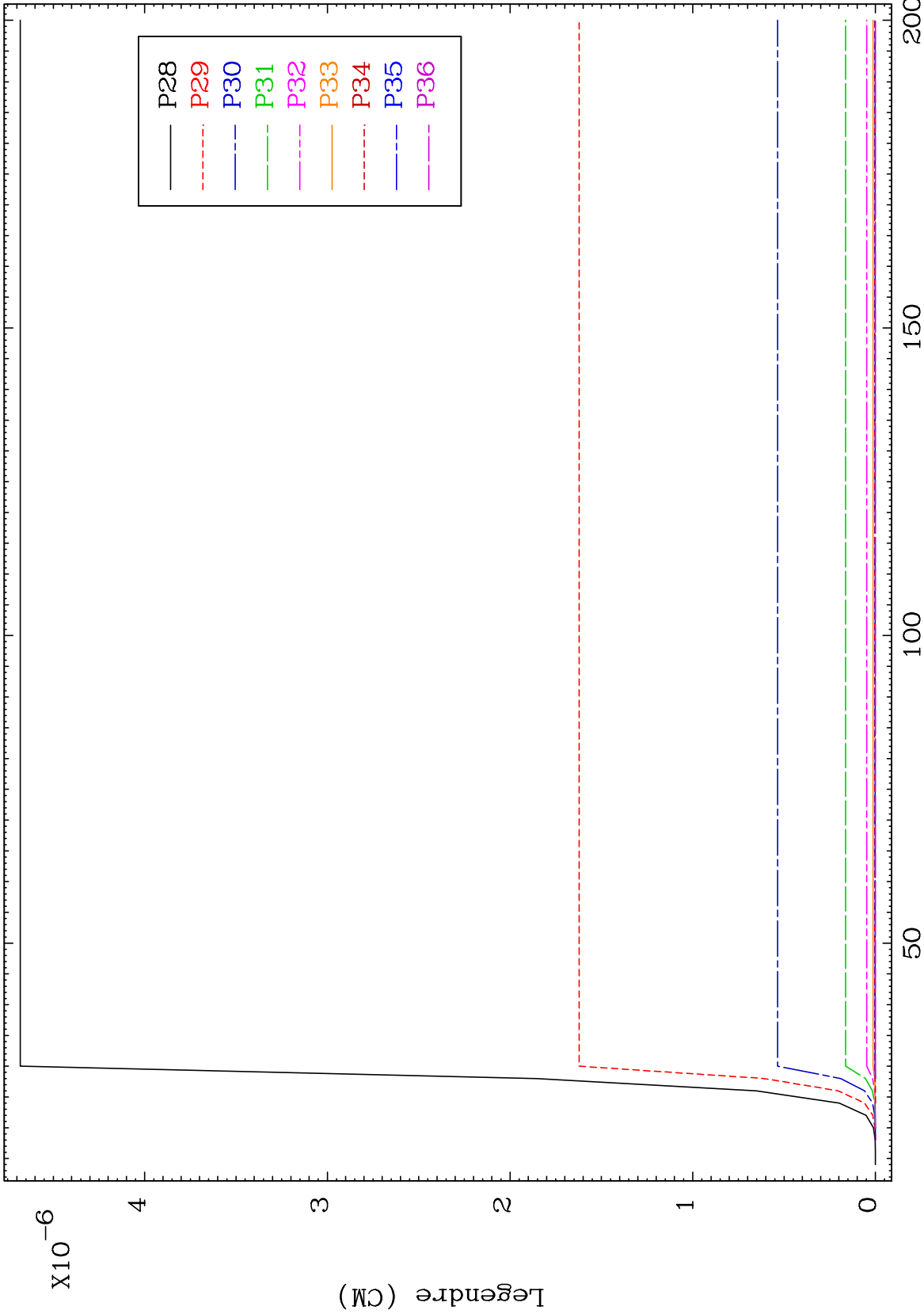
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



35

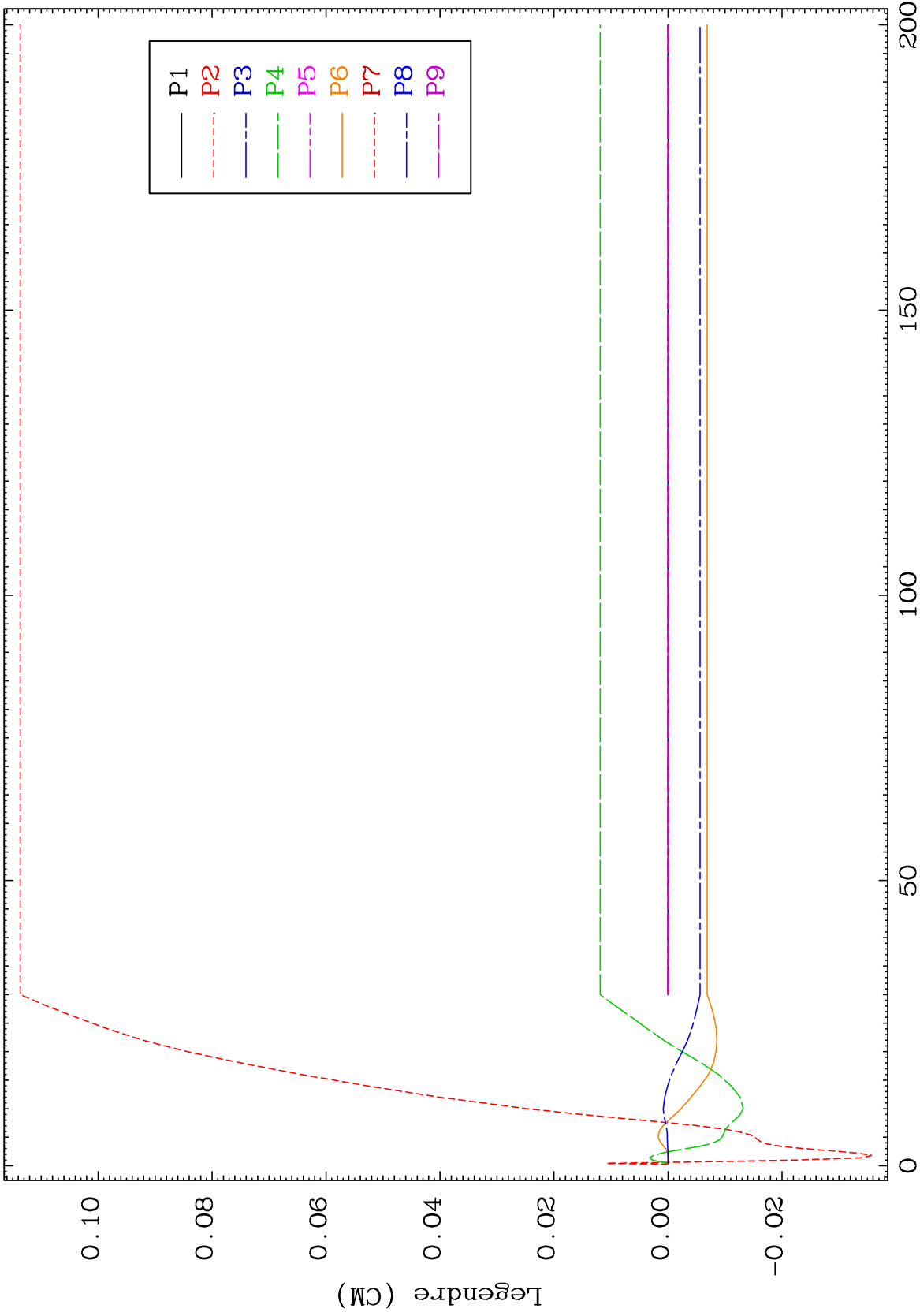
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



36

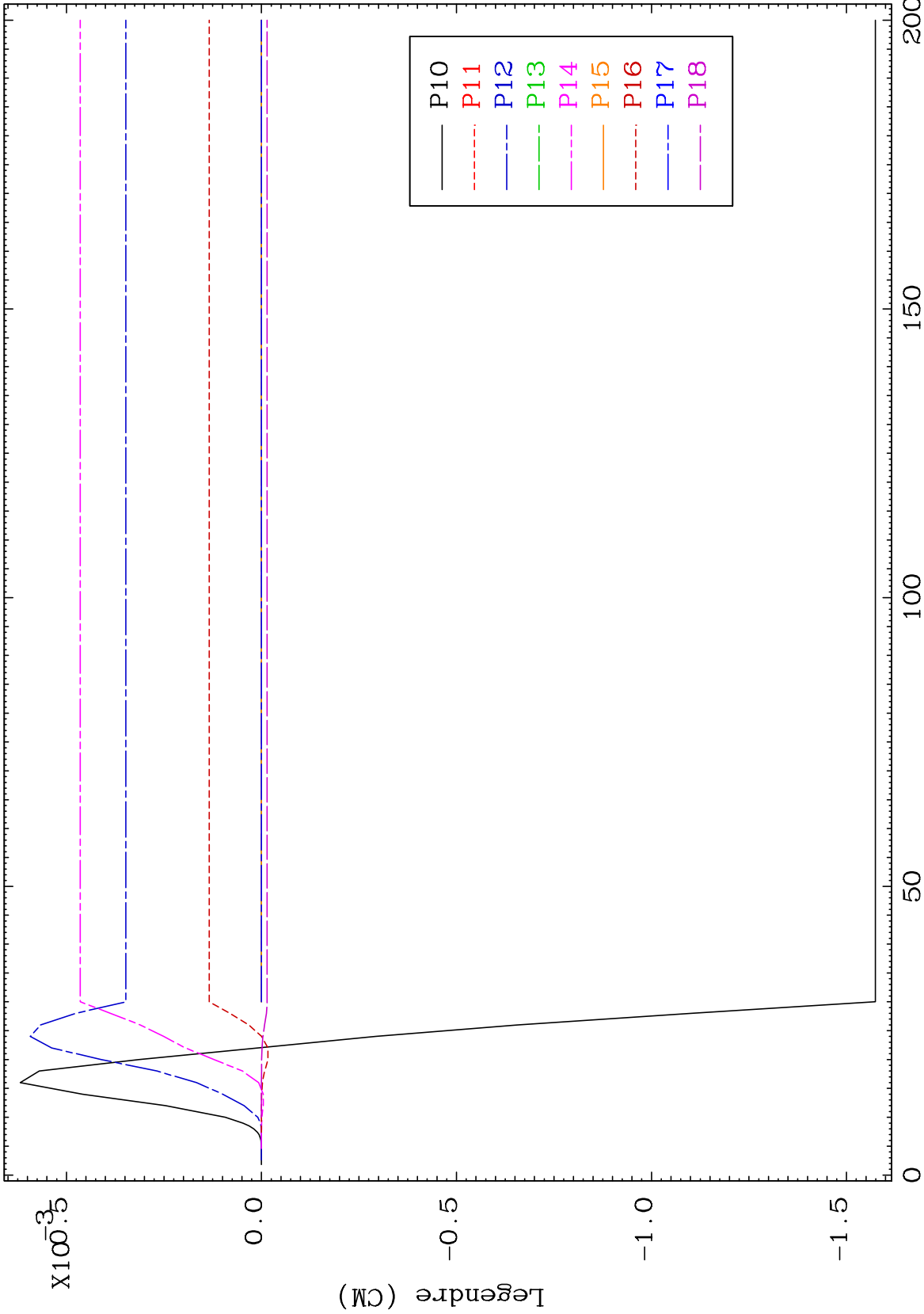
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127

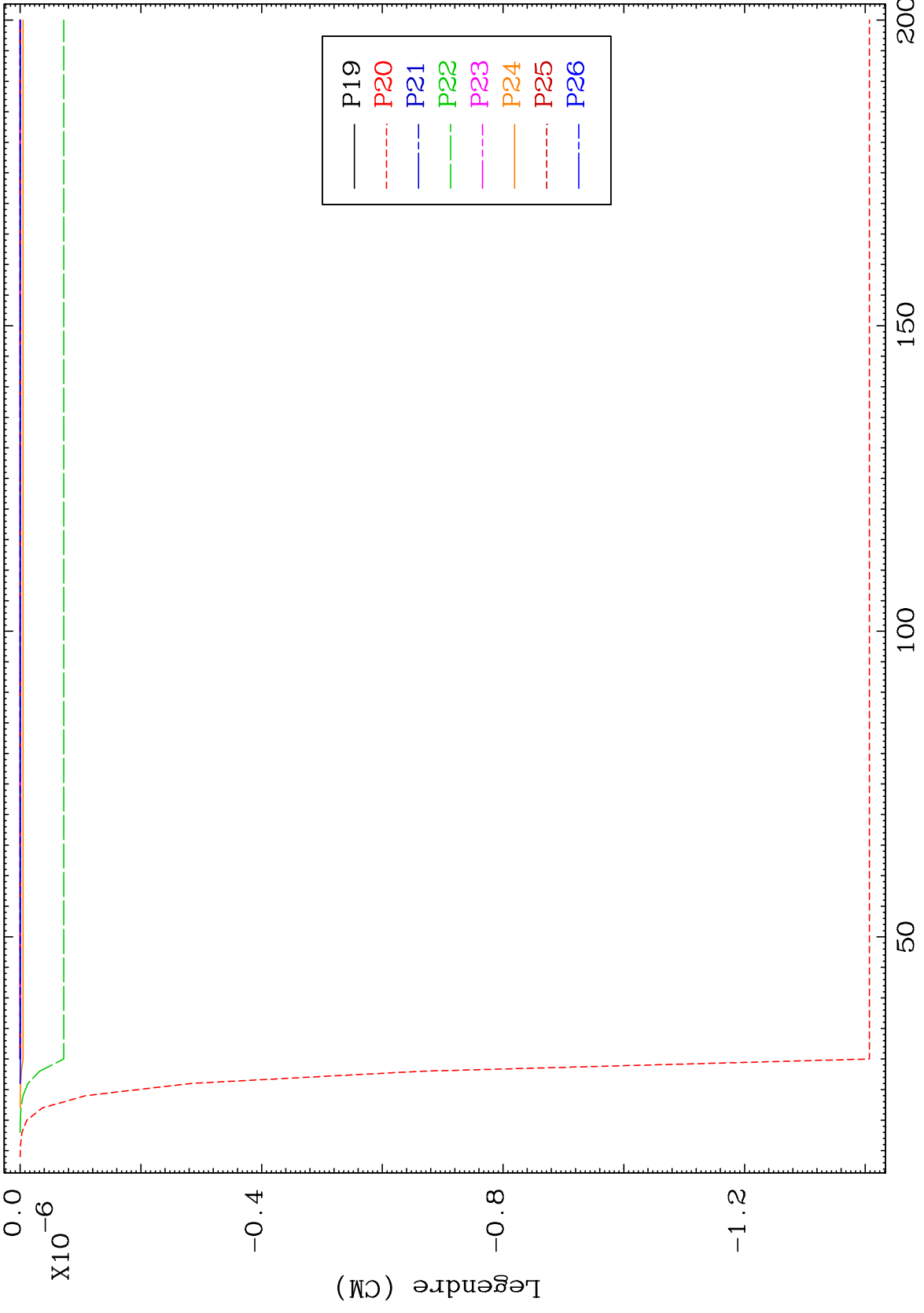


37

Incident Energy (MeV)

55-Cs-127

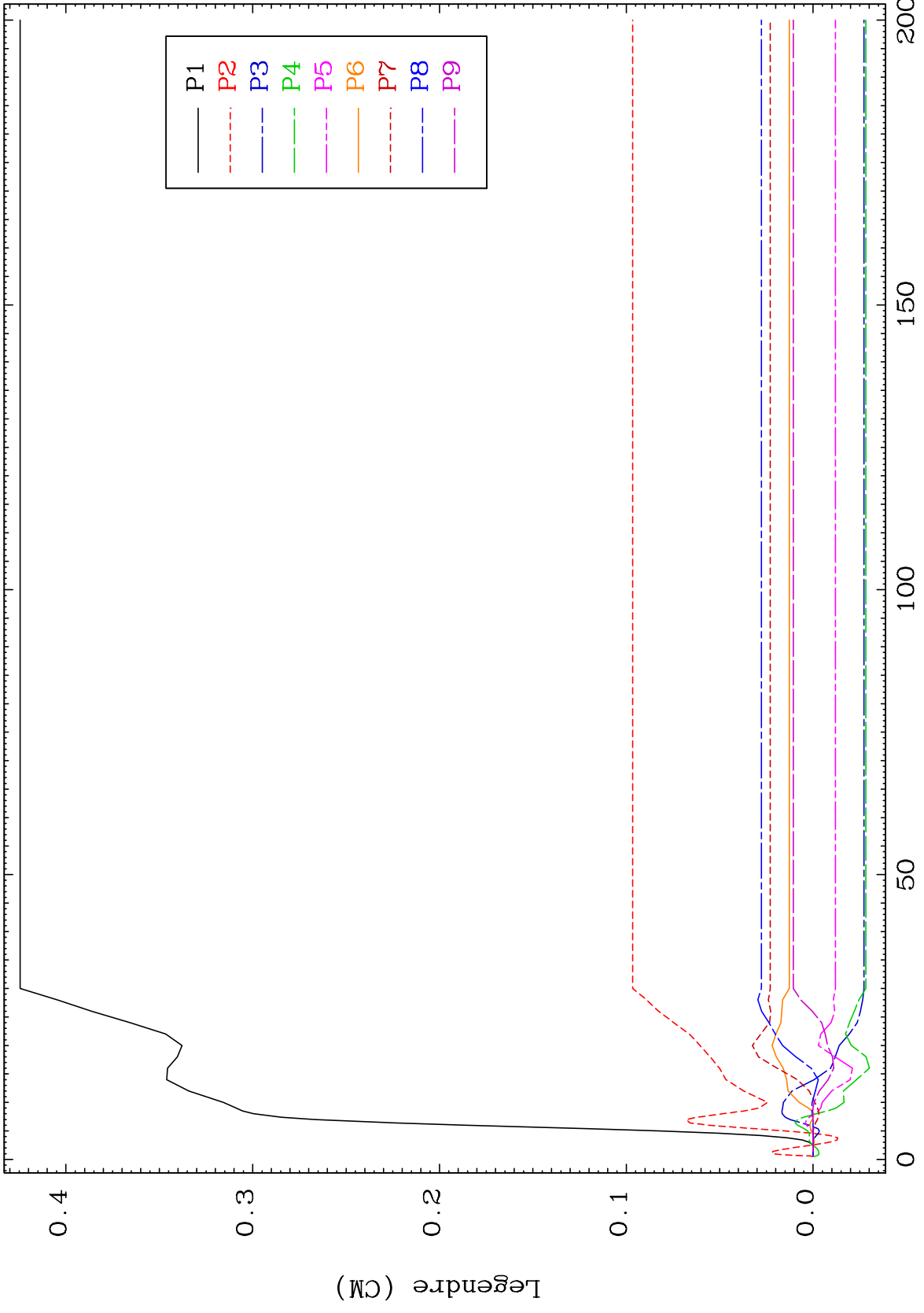
MAT 5507 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

55-Cs-127

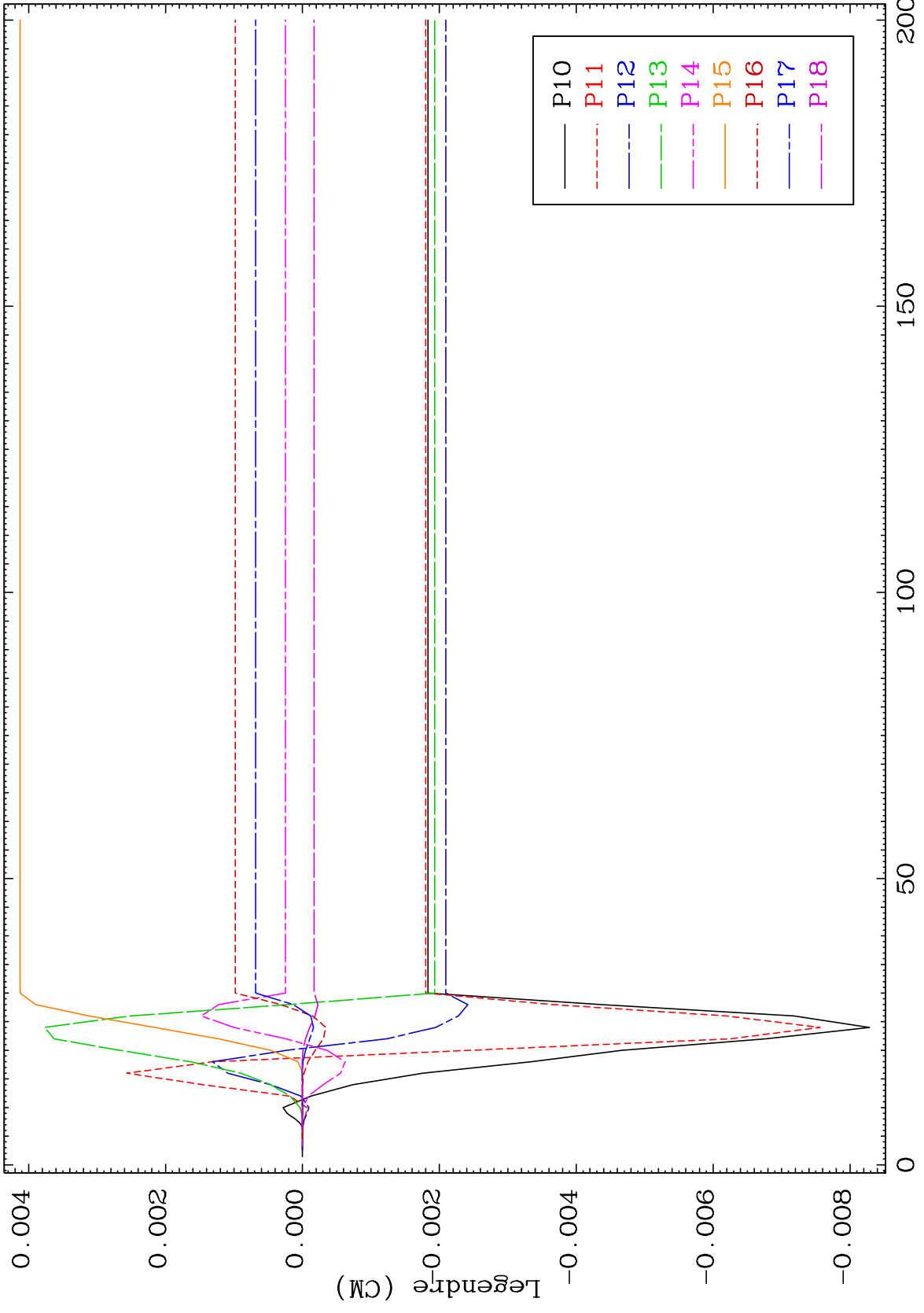


39

Incident Energy (MeV)

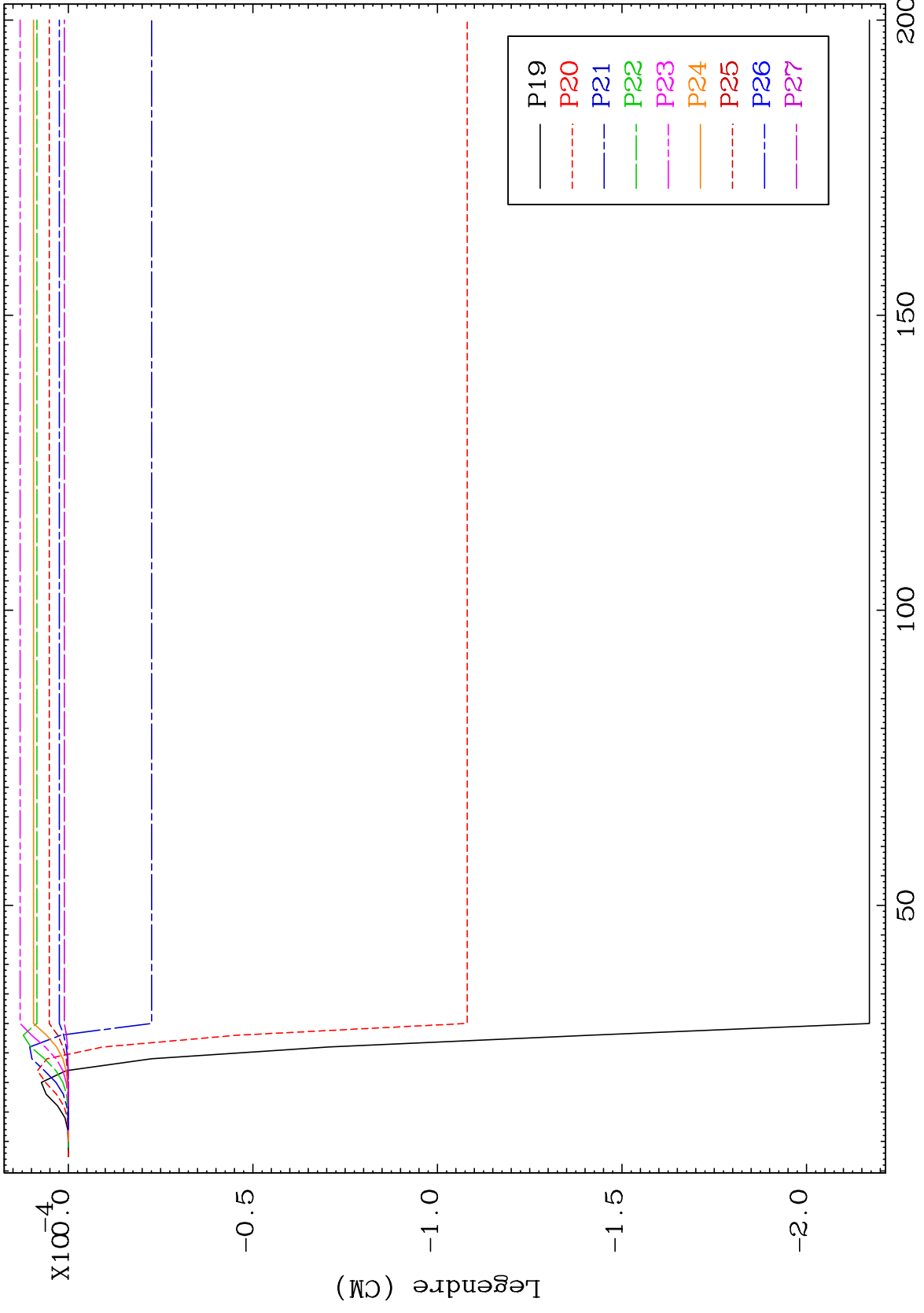
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MAT 5507 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-127



55-Cs-127

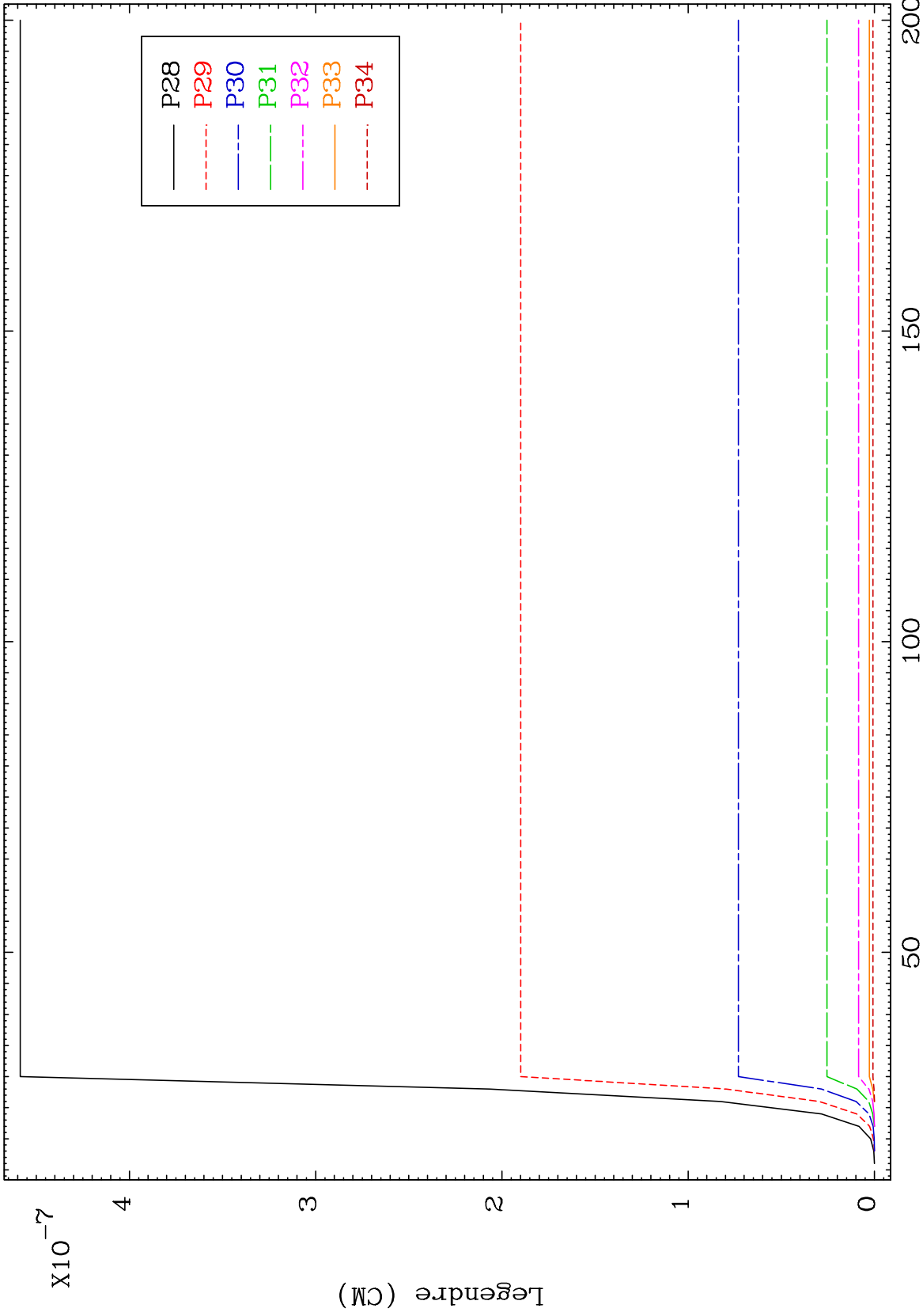
MAT 5507 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

55-Cs-127



42

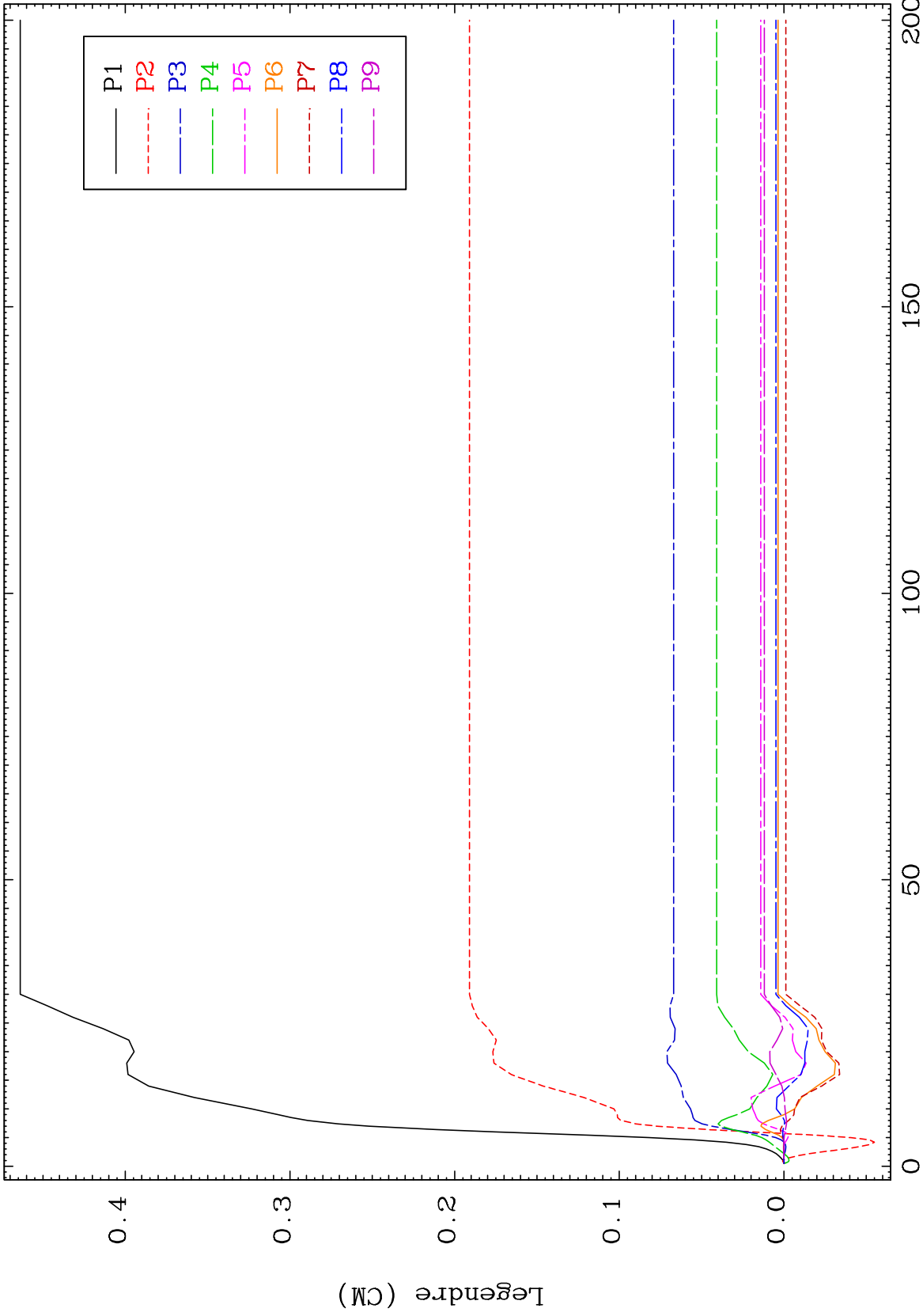
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



43

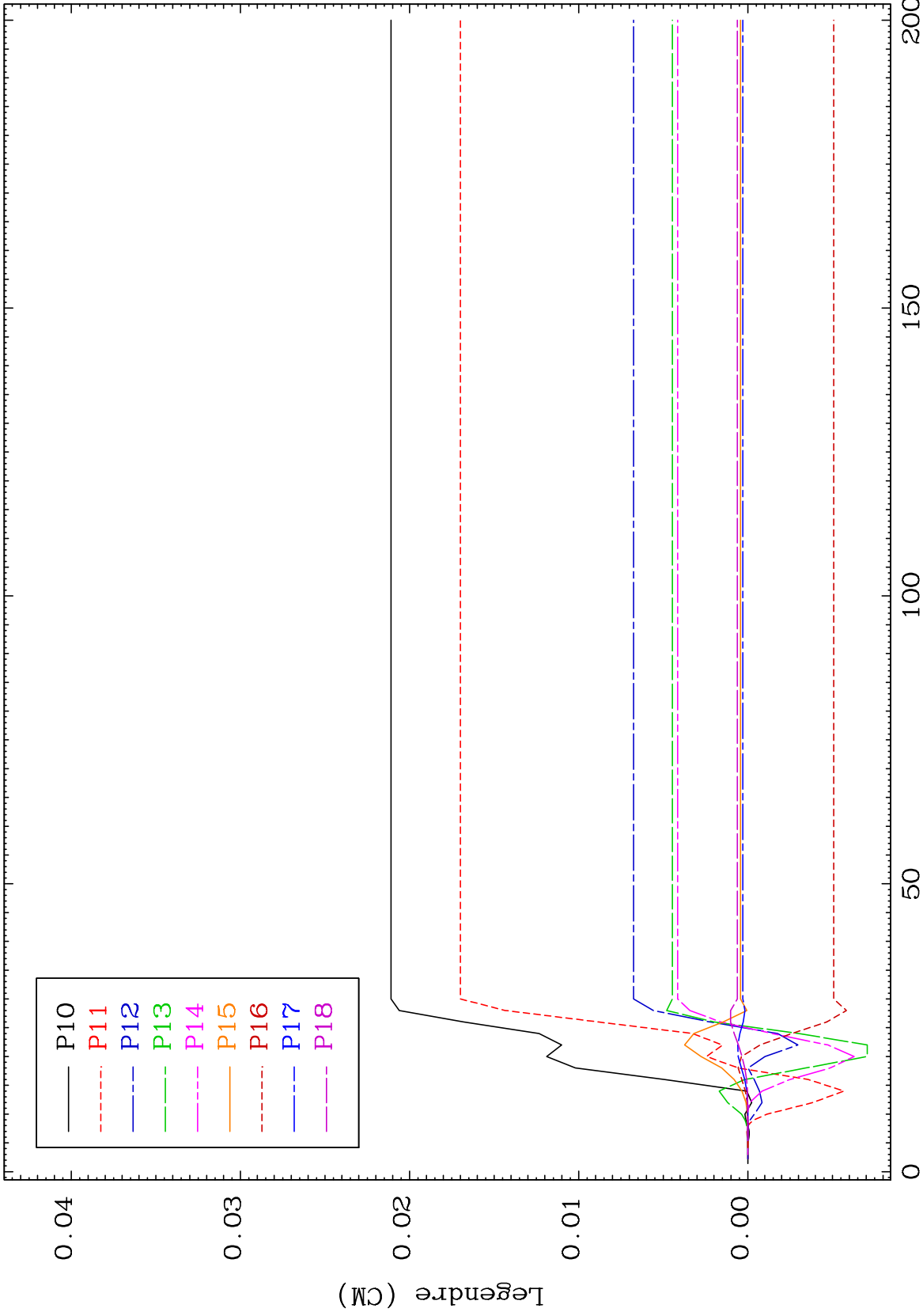
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



44

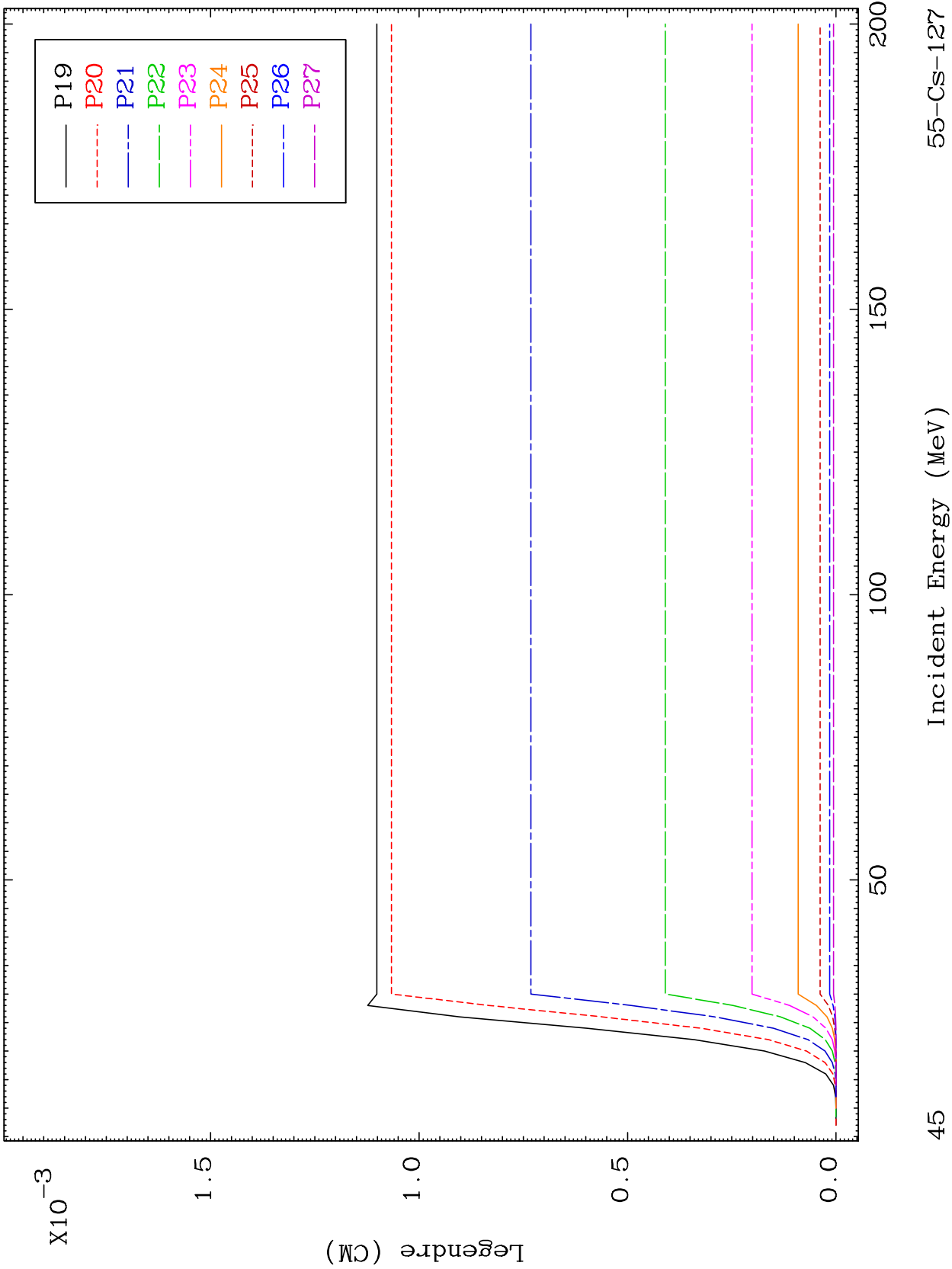
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



45

Incident Energy (MeV)

50

55-Cs-127

100

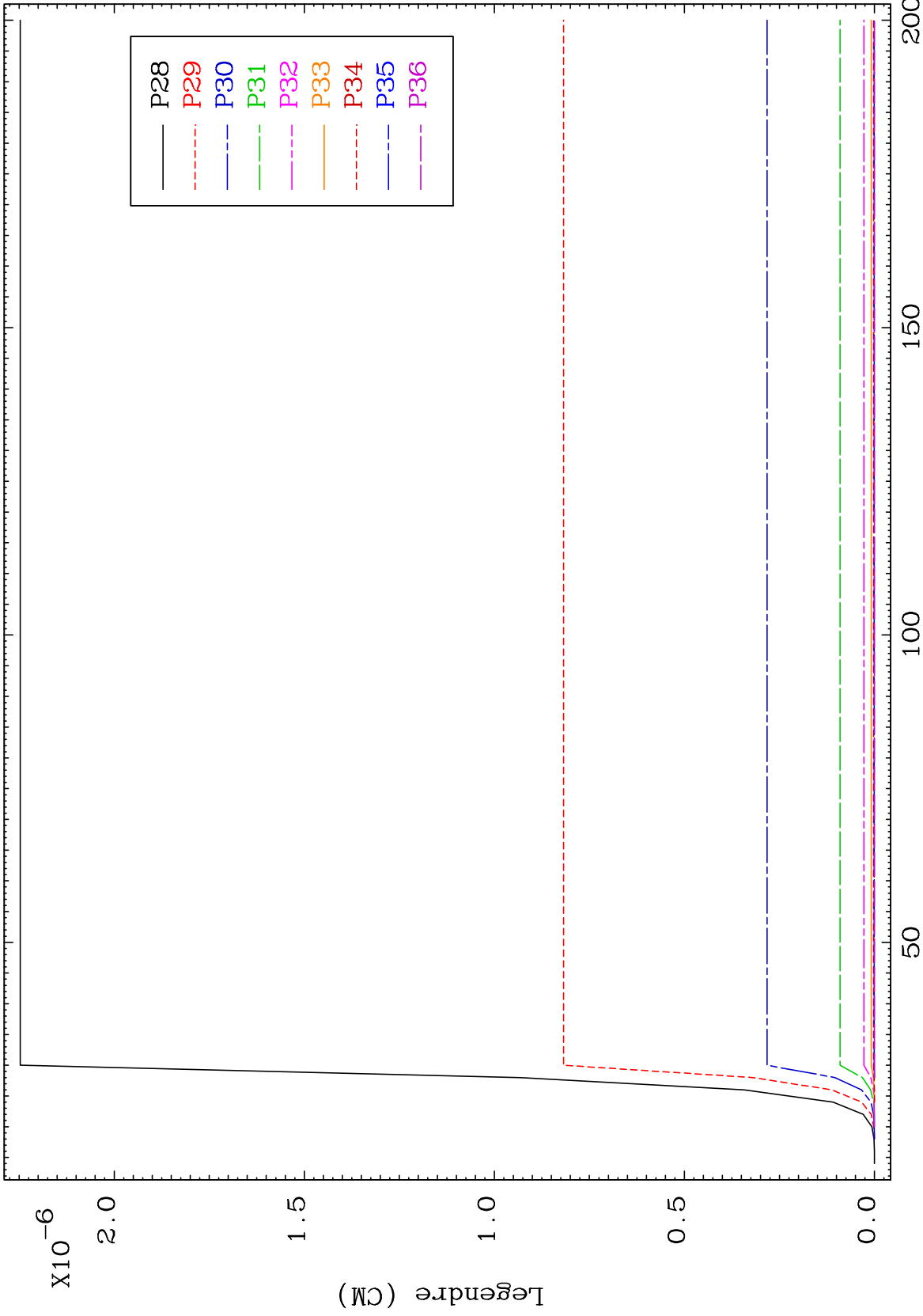
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200

MAT 5507

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

55-Cs-127

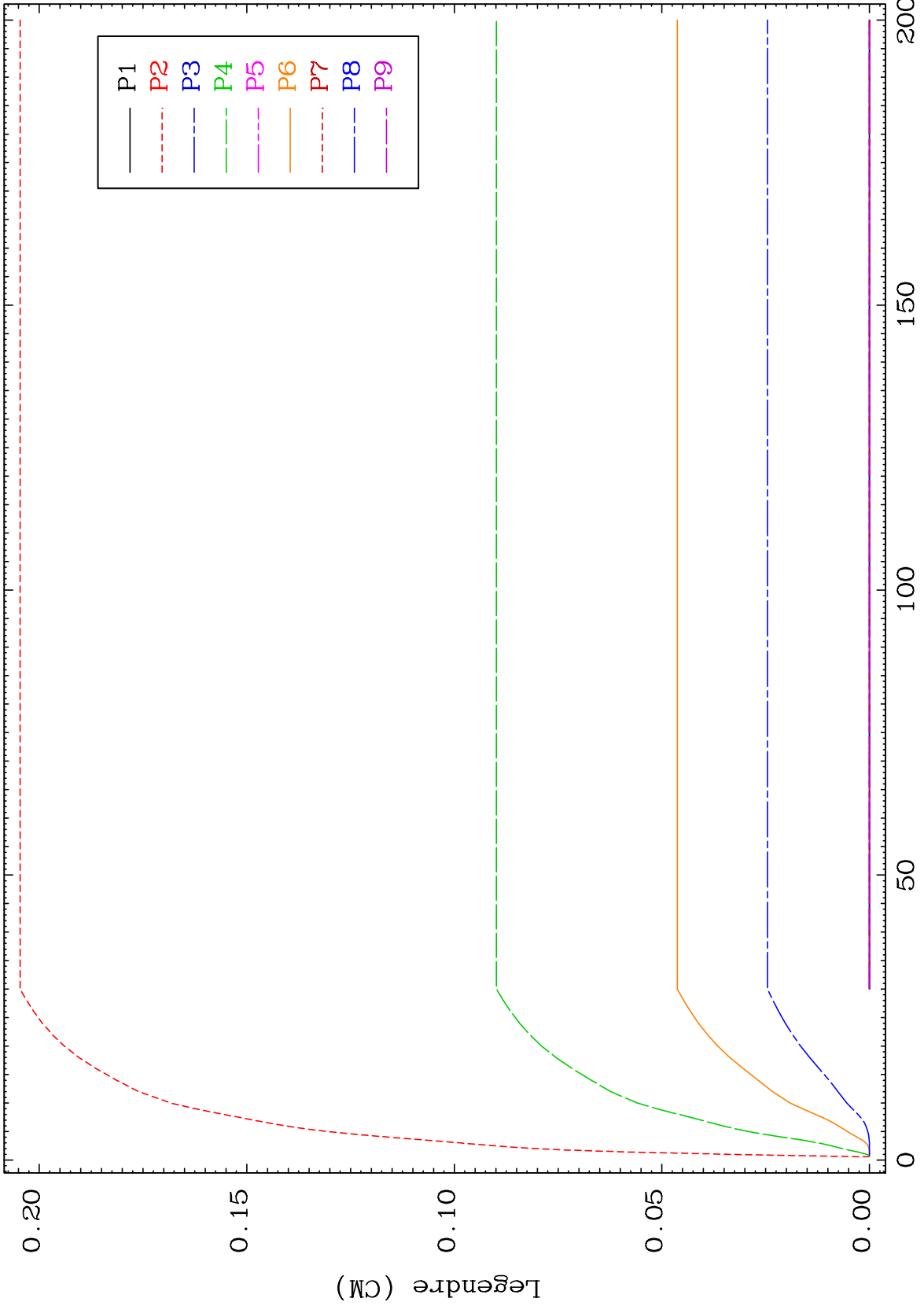


46

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-127

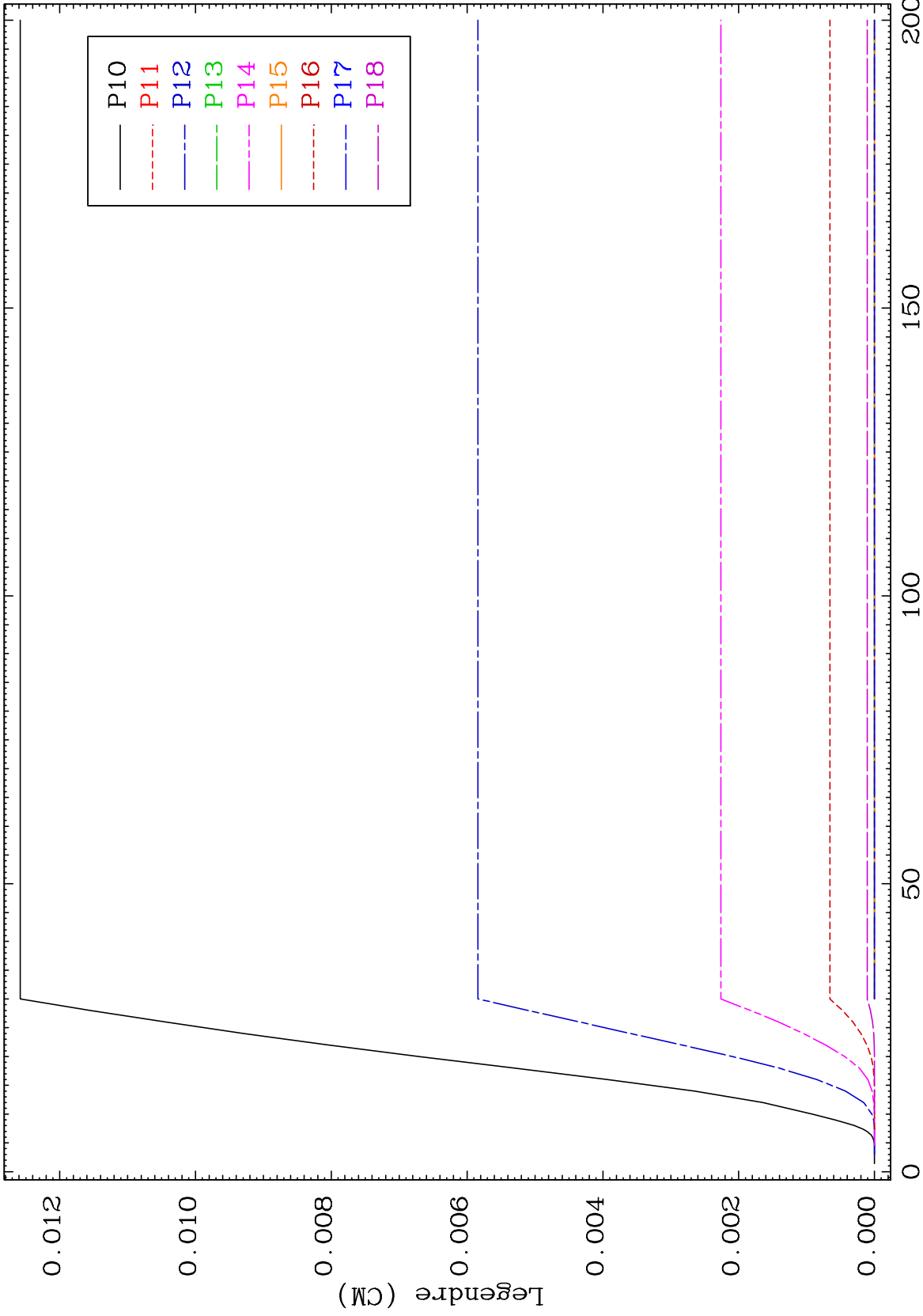


47 55-Cs-127

MAT 5507

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

55-Cs-127

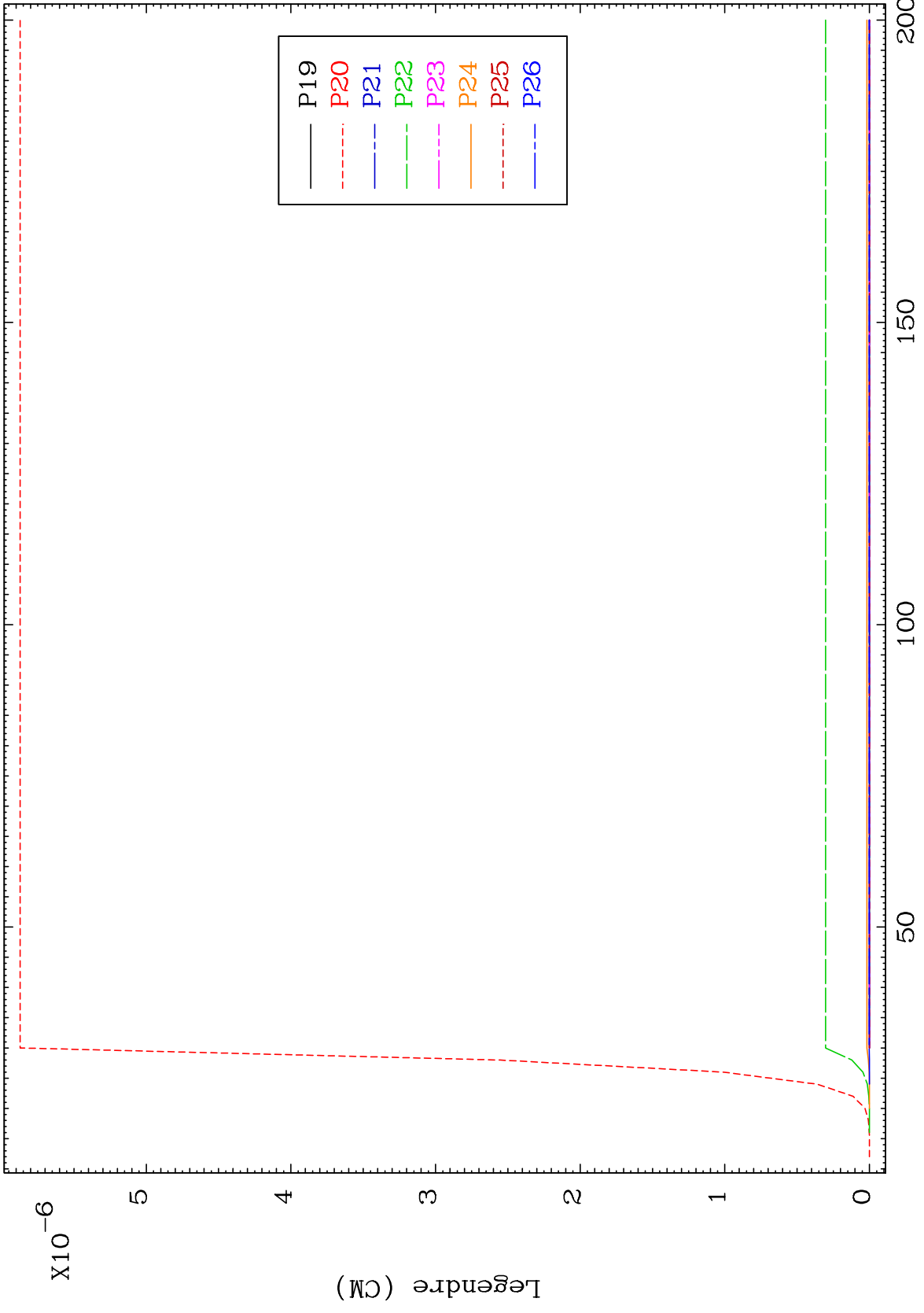


48

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-127

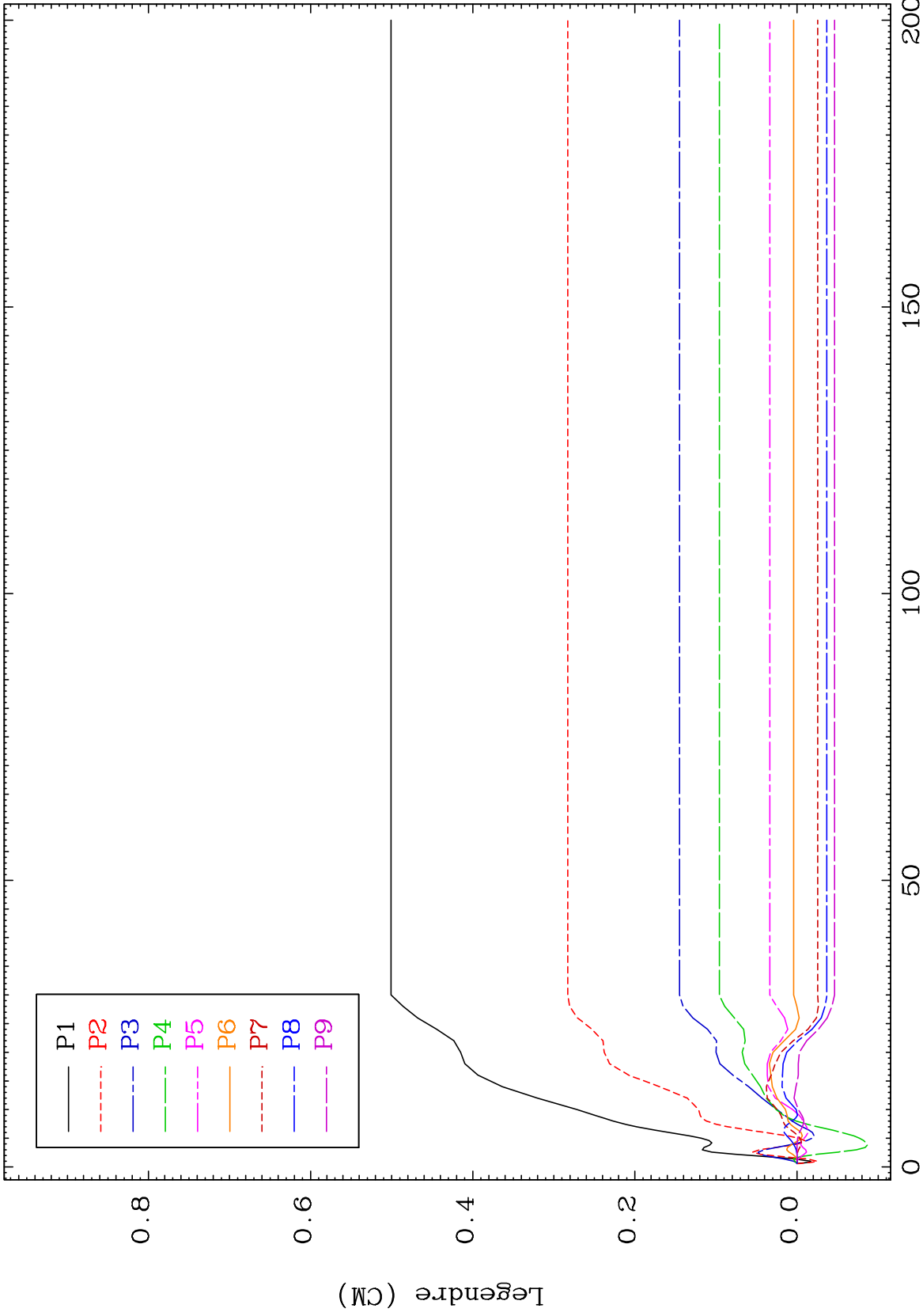


49 Incident Energy (MeV) 55-Cs-127

MAT 5507

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

55-Cs-127



50

Incident Energy (MeV)

55-Cs-127

200

150

100

50

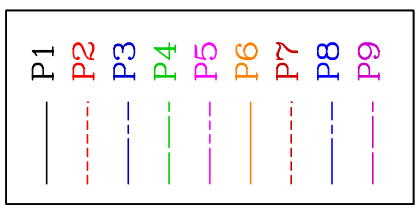
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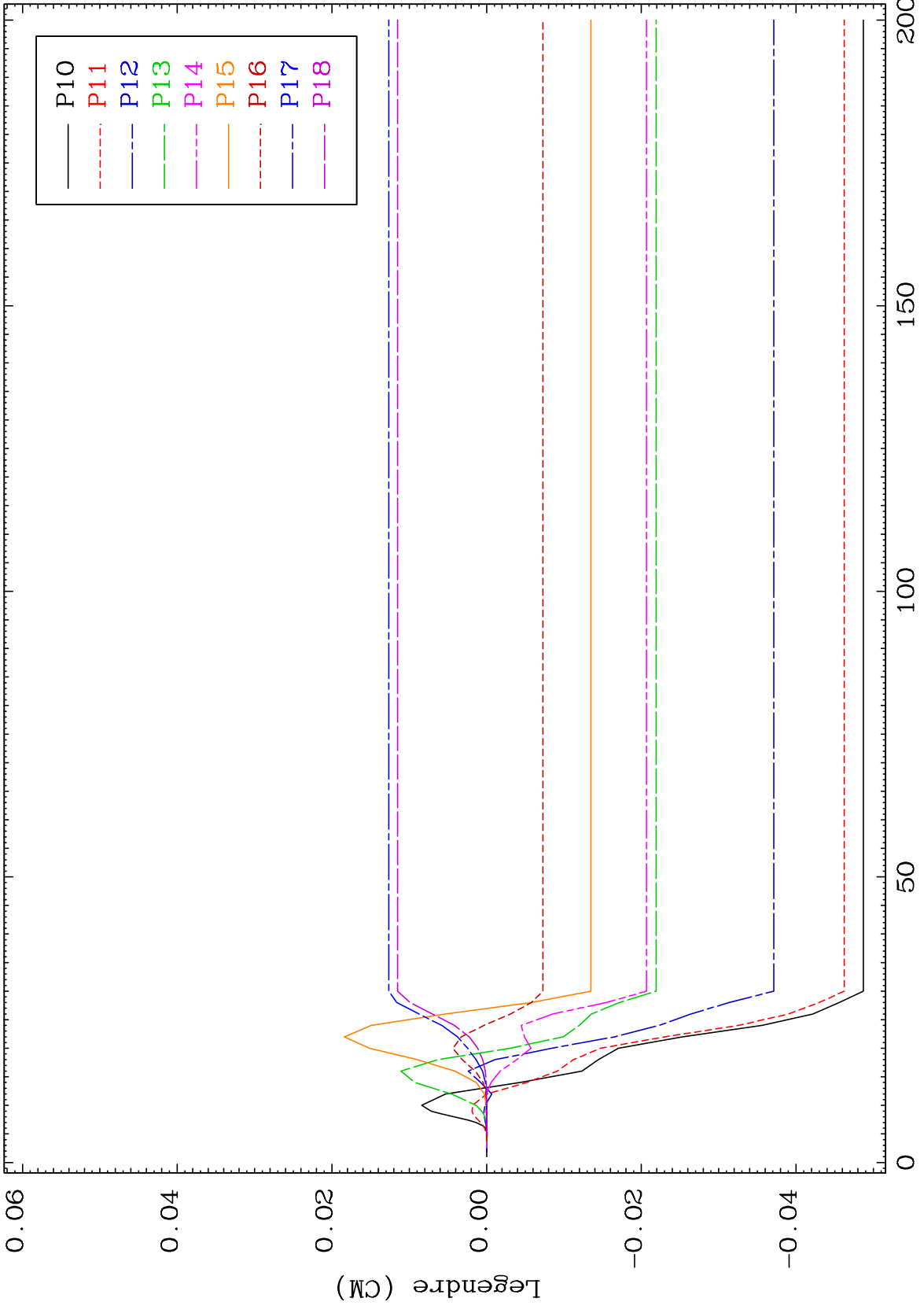
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MAT 5507

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

55-Cs-127



51

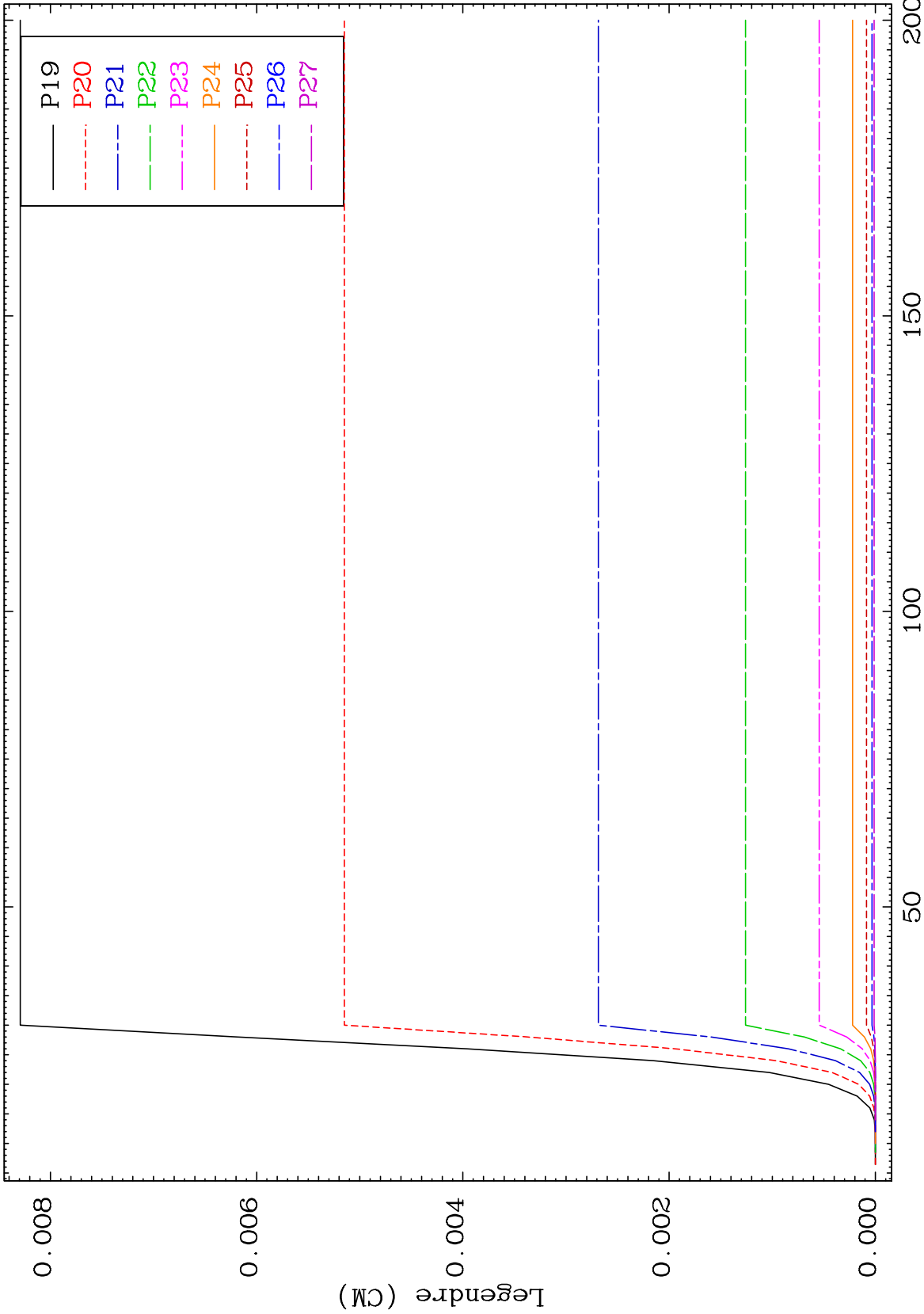
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



52

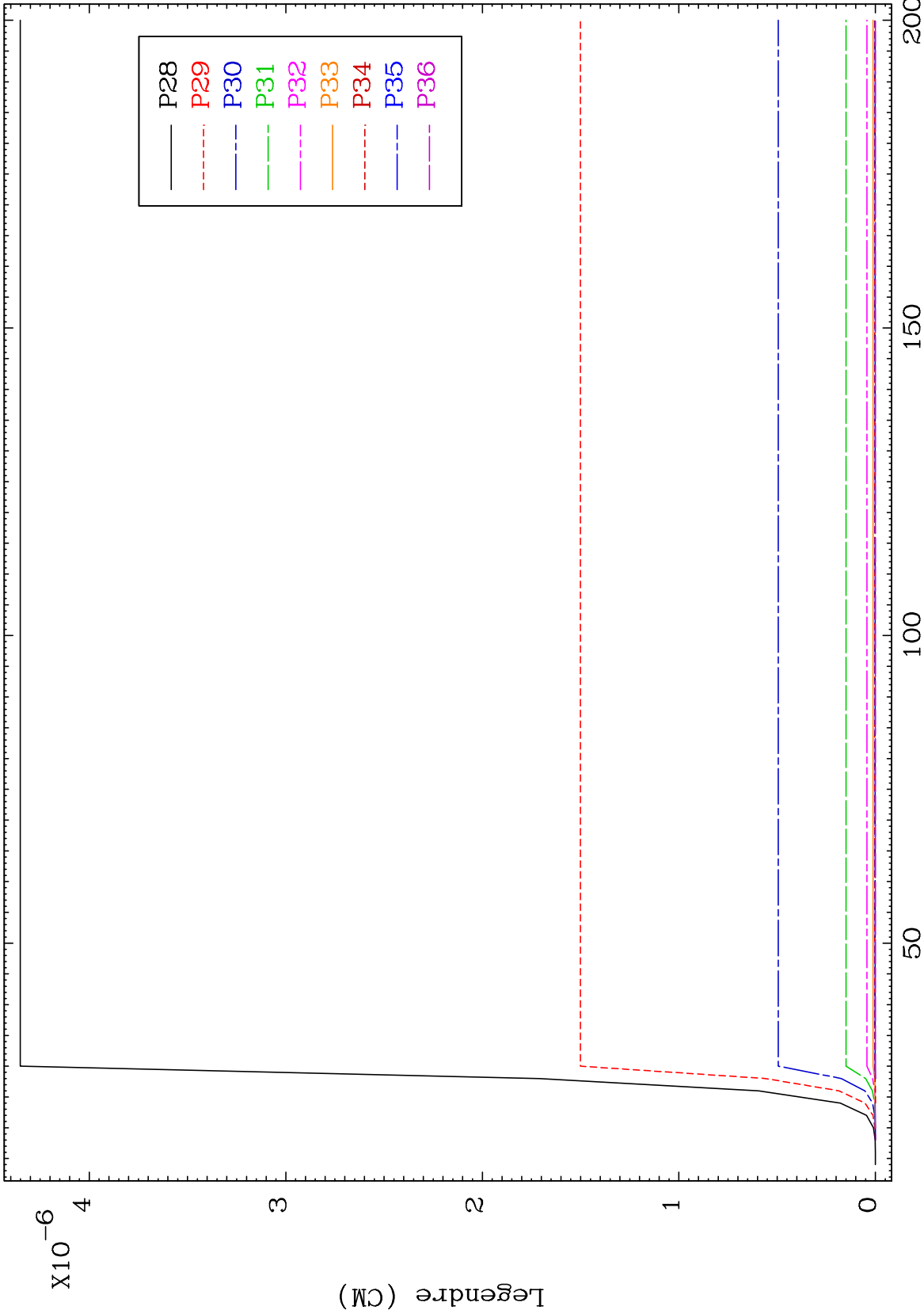
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



53

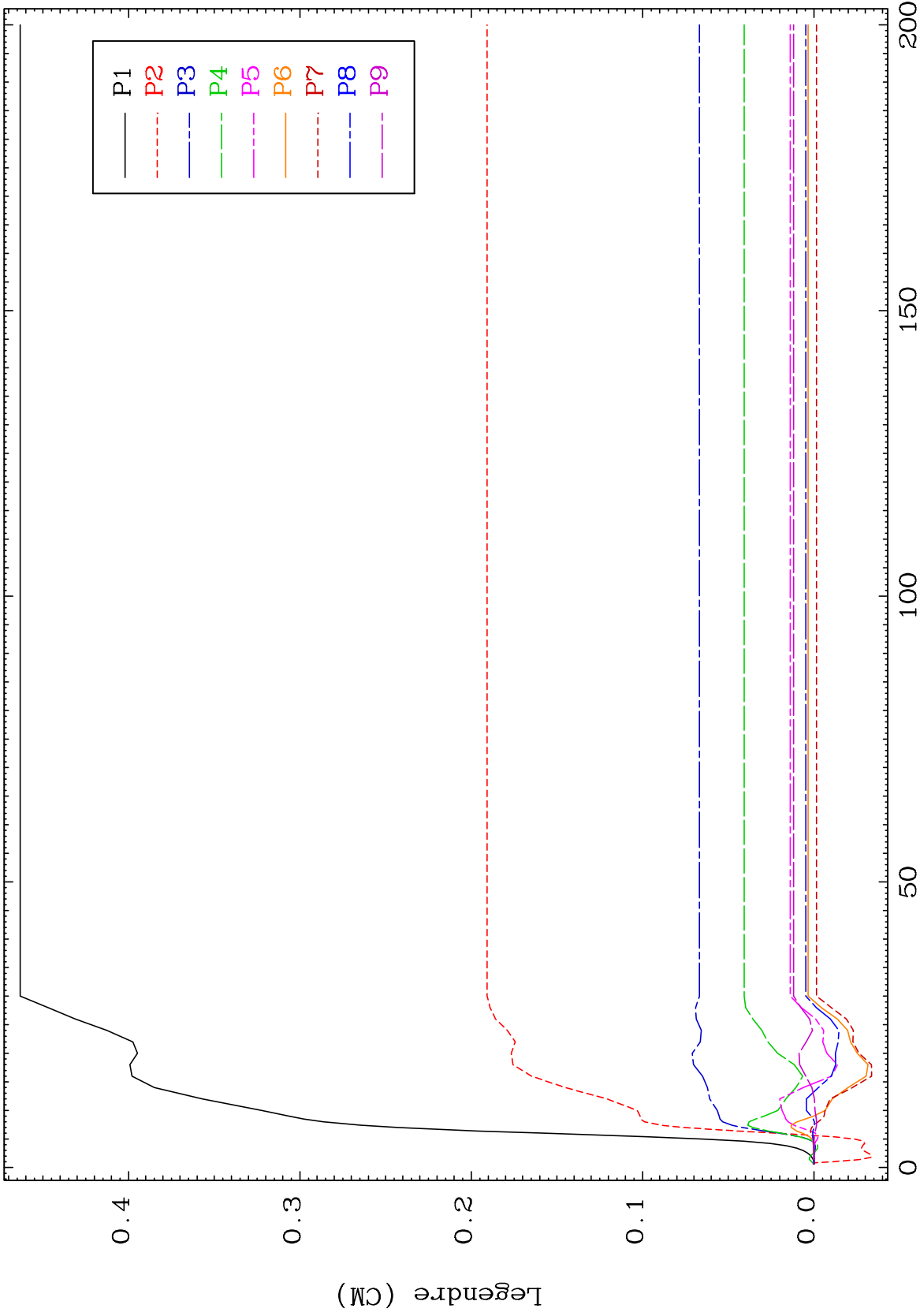
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



54

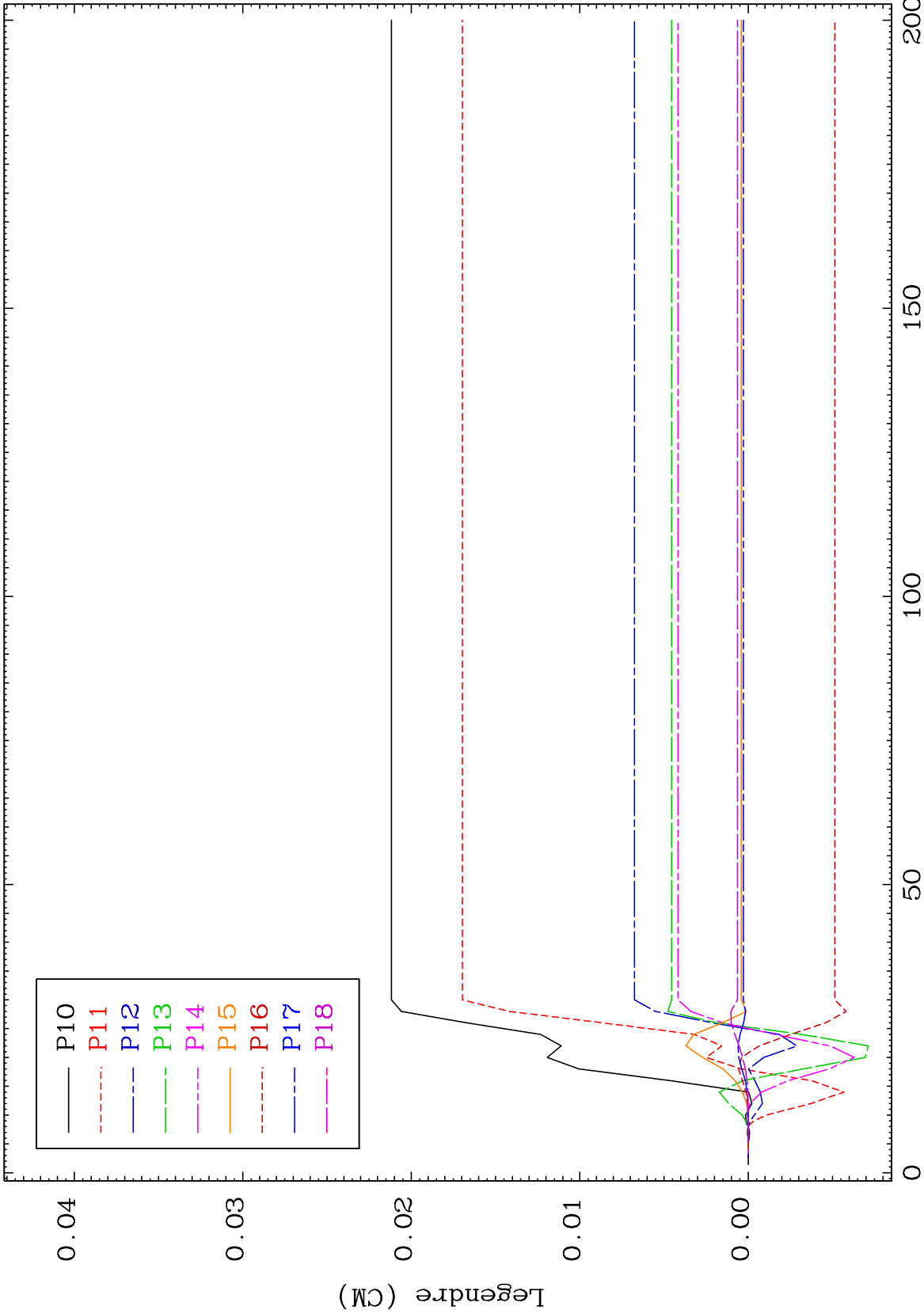
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127

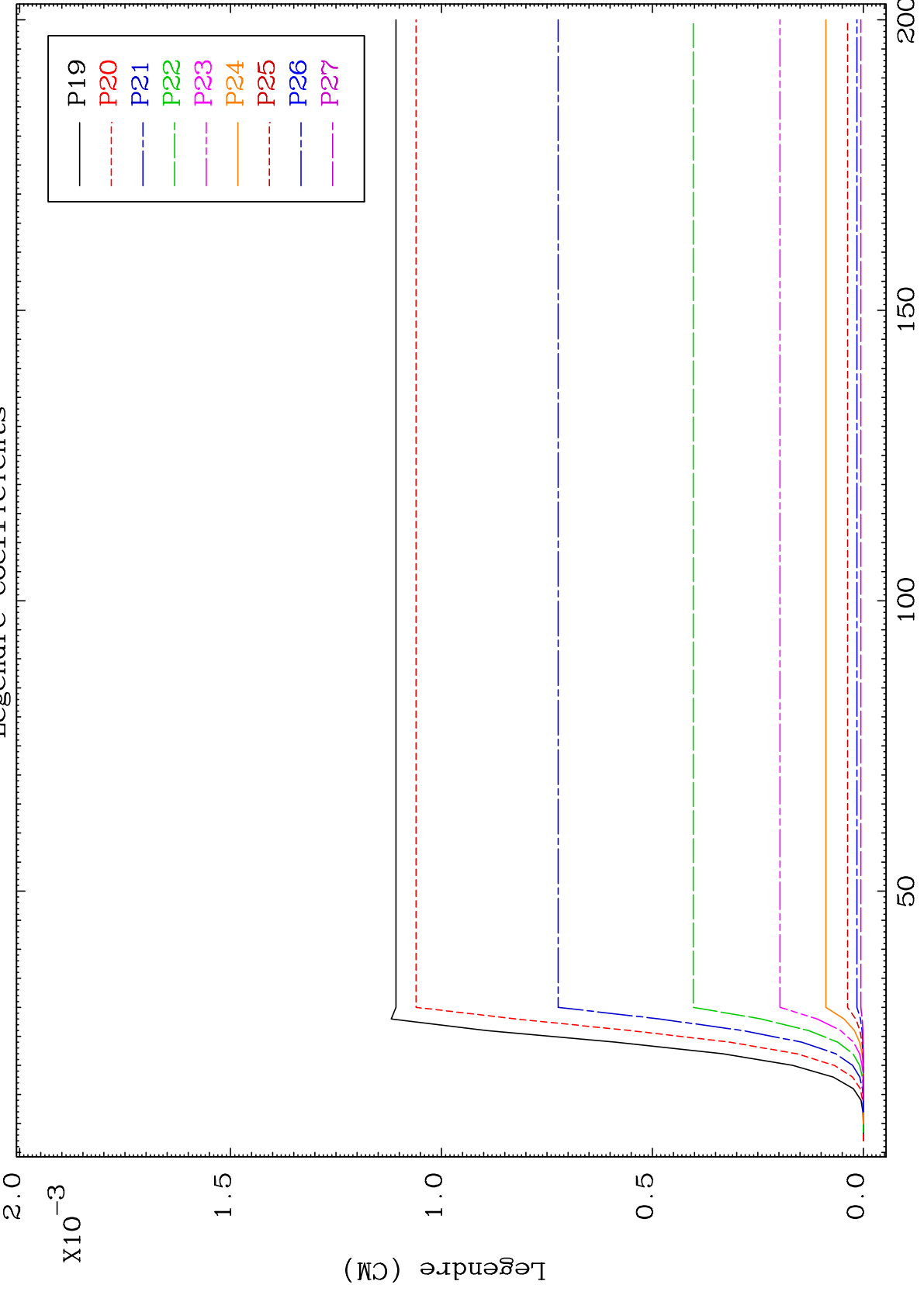


55

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-127

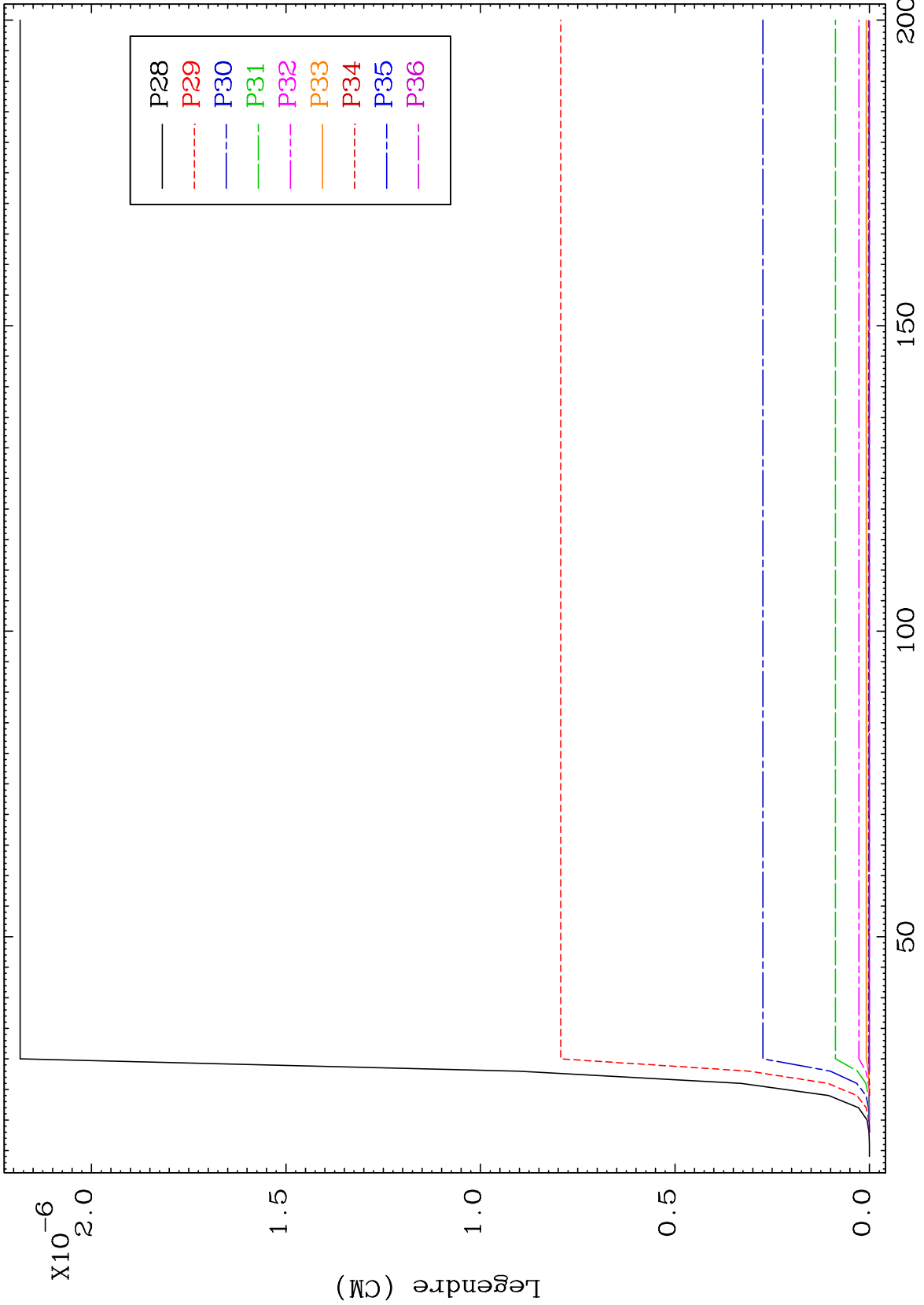


56 Incident Energy (MeV) 55-Cs-127

MAT 5507

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

55-Cs-127

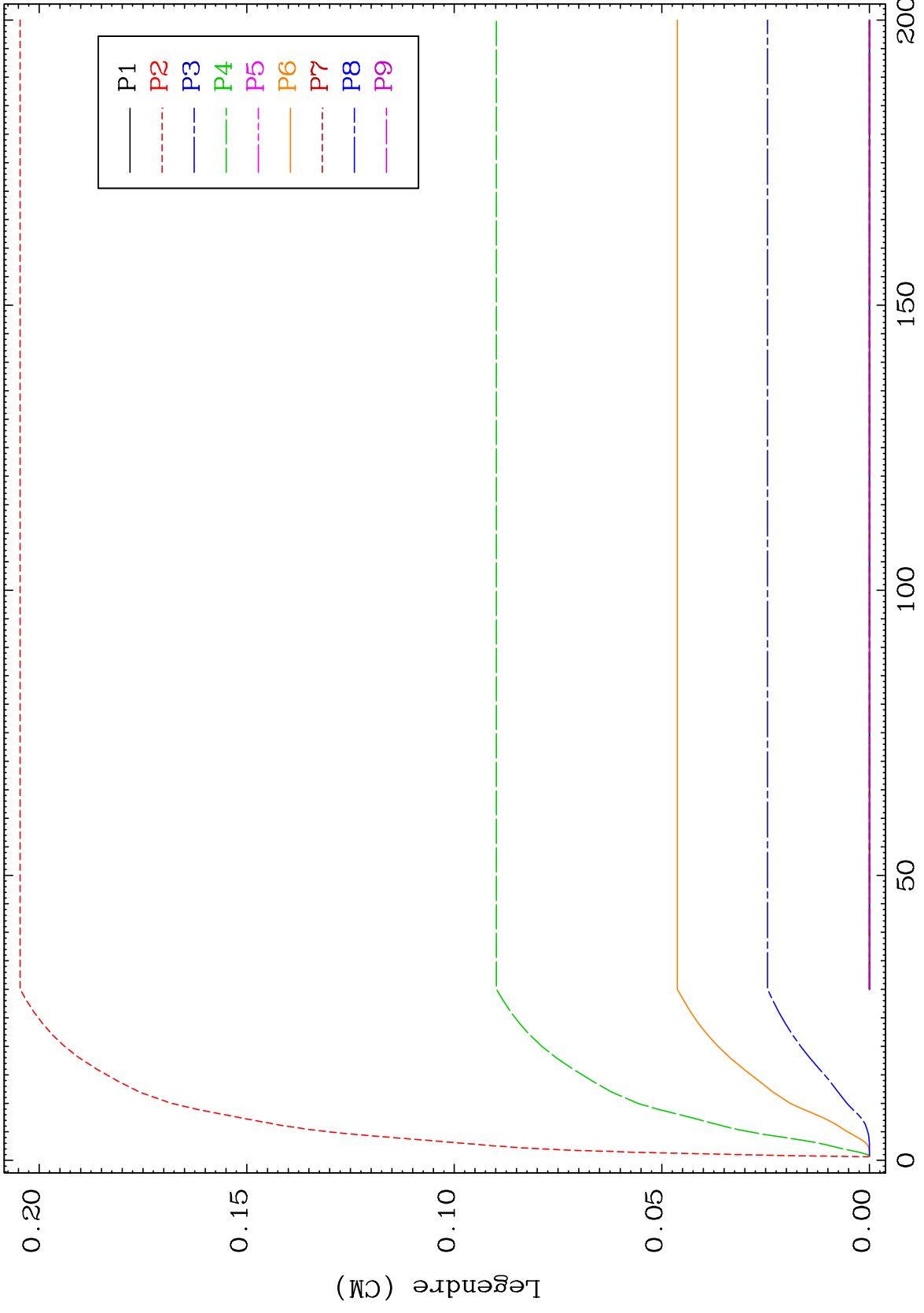


57

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-127

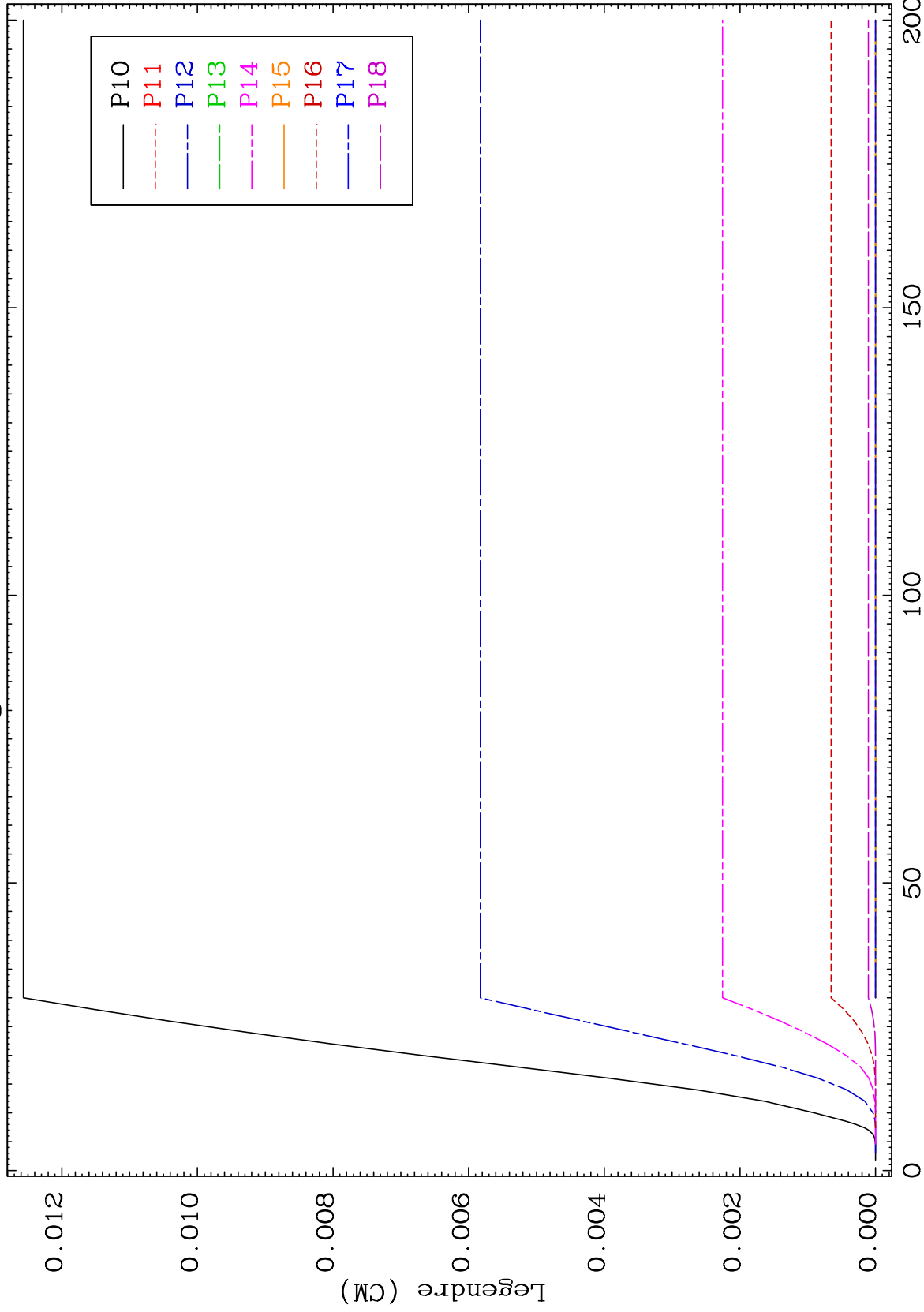


58 55-Cs-127

MAT 5507

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

55-Cs-127

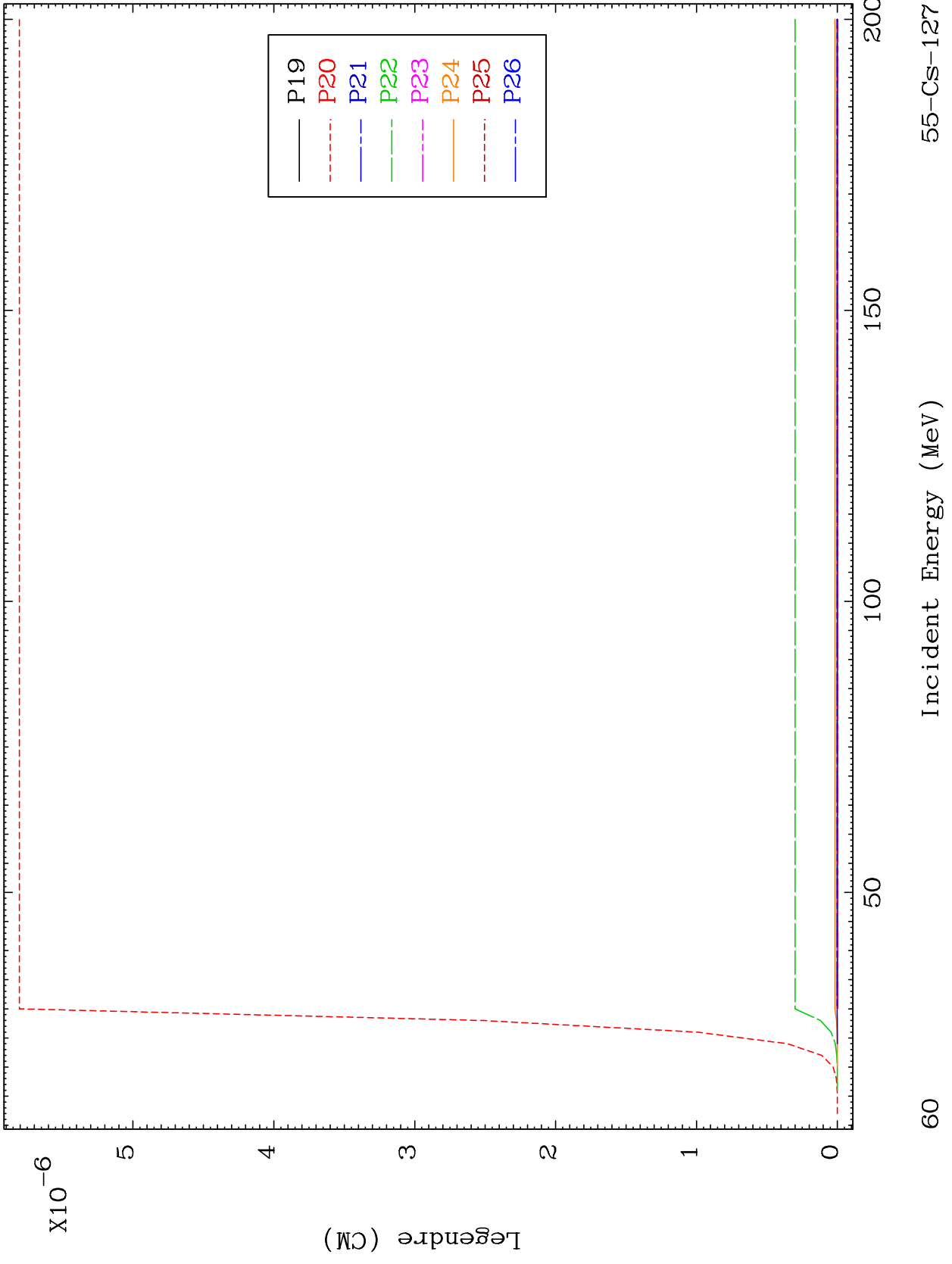


59

Incident Energy (MeV)

55-Cs-127

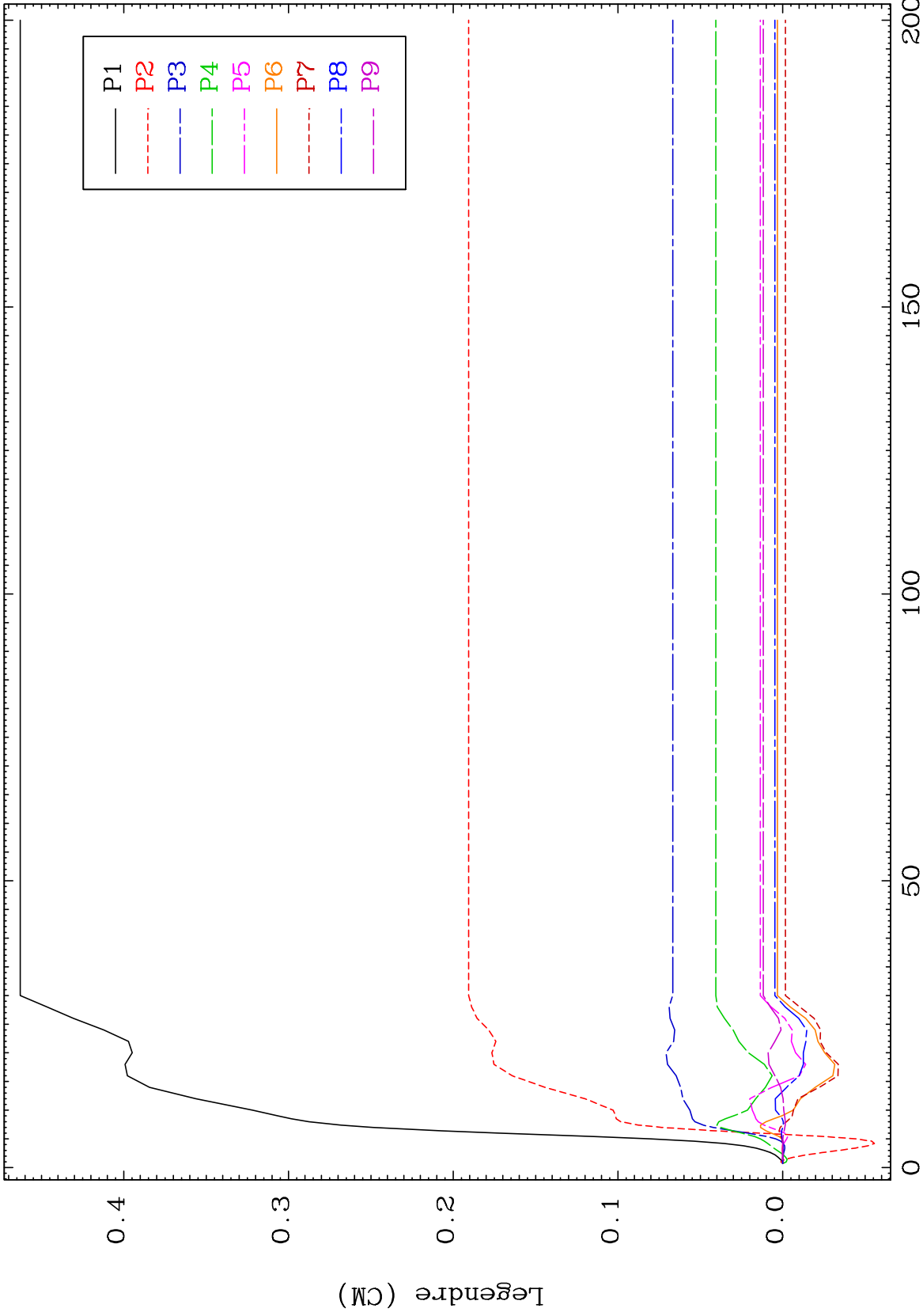
MAT 5507 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

55-Cs-127



61

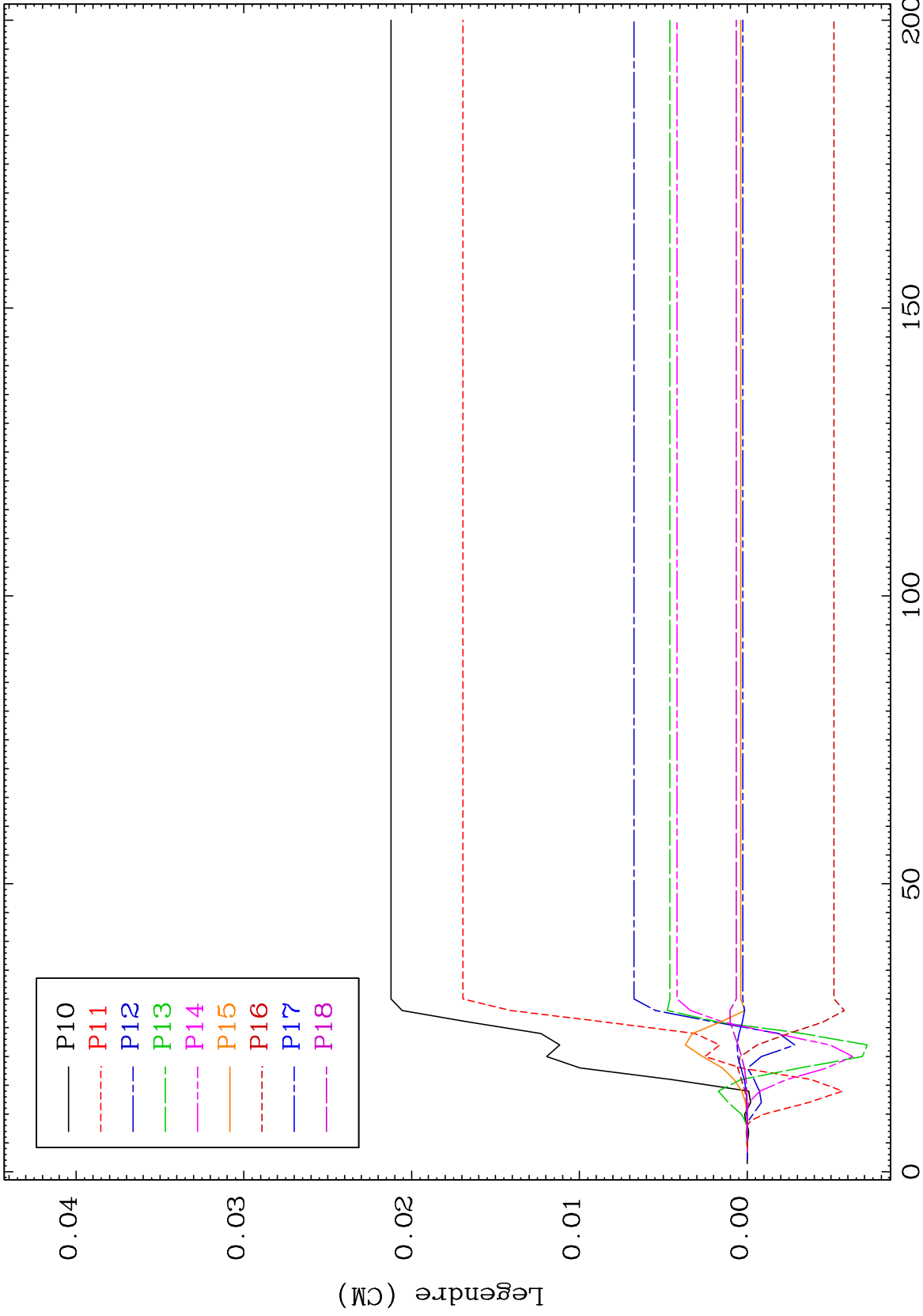
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127

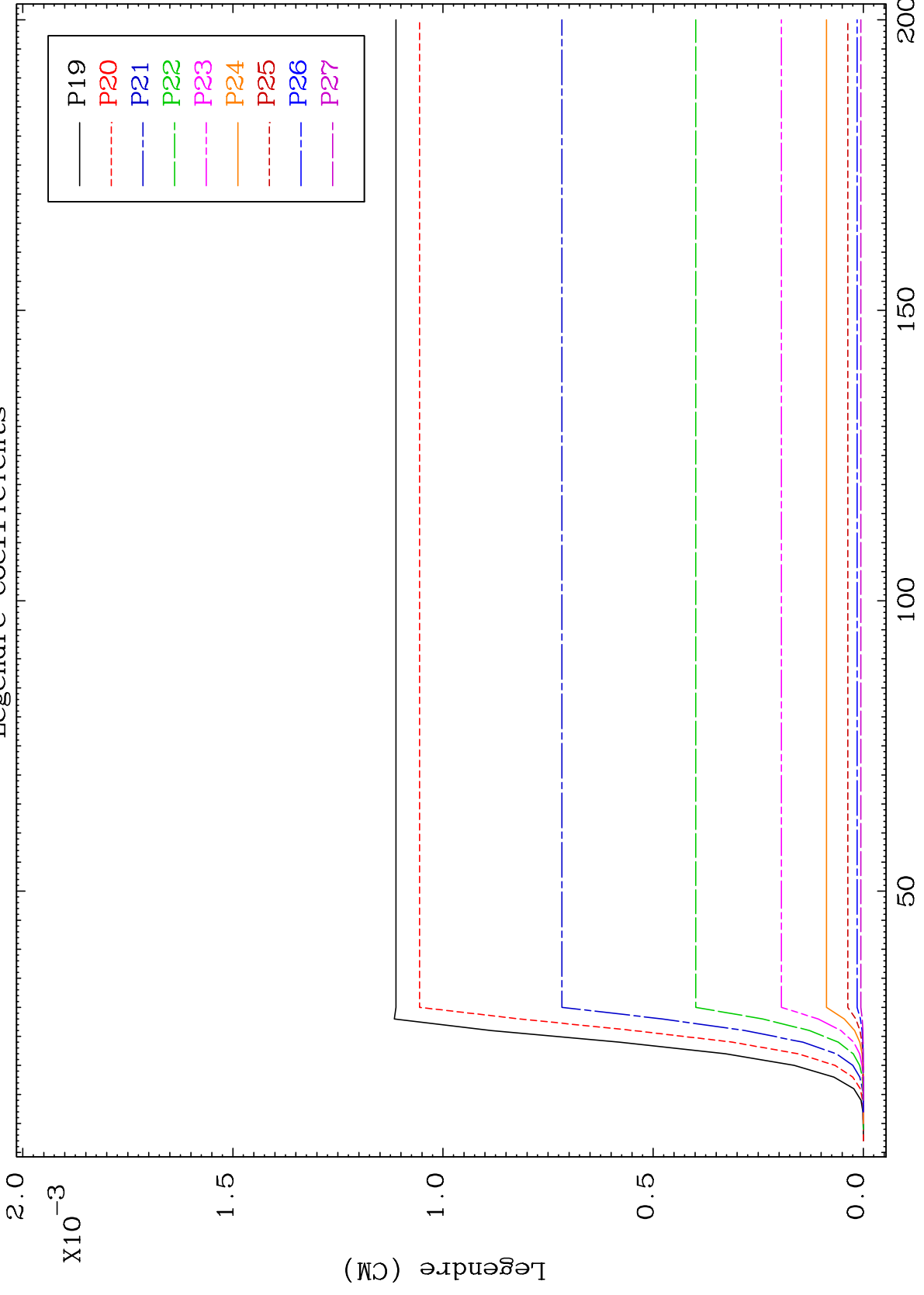


62

Incident Energy (MeV)

55-Cs-127

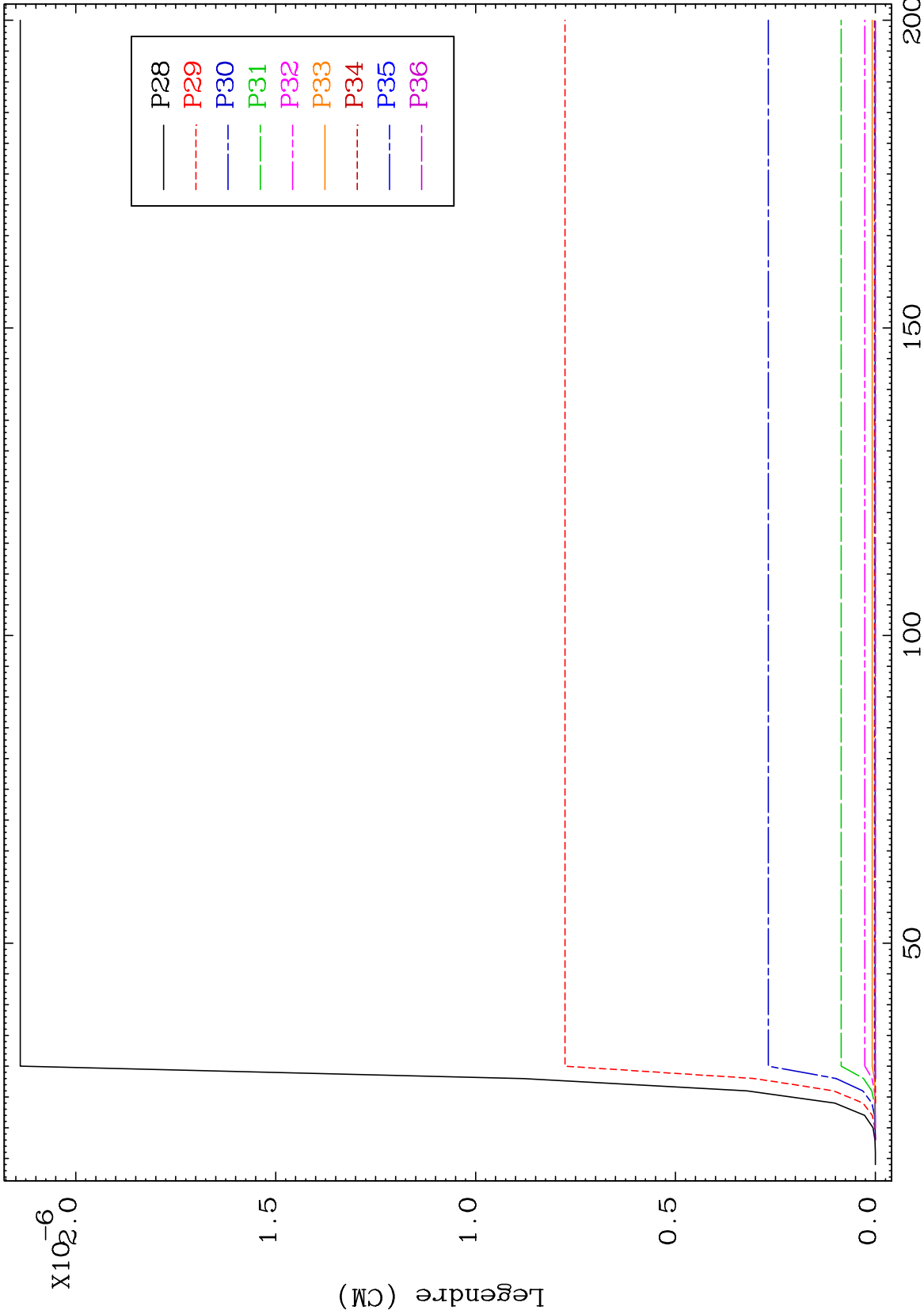
MAT 5507 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

55-Cs-127



64

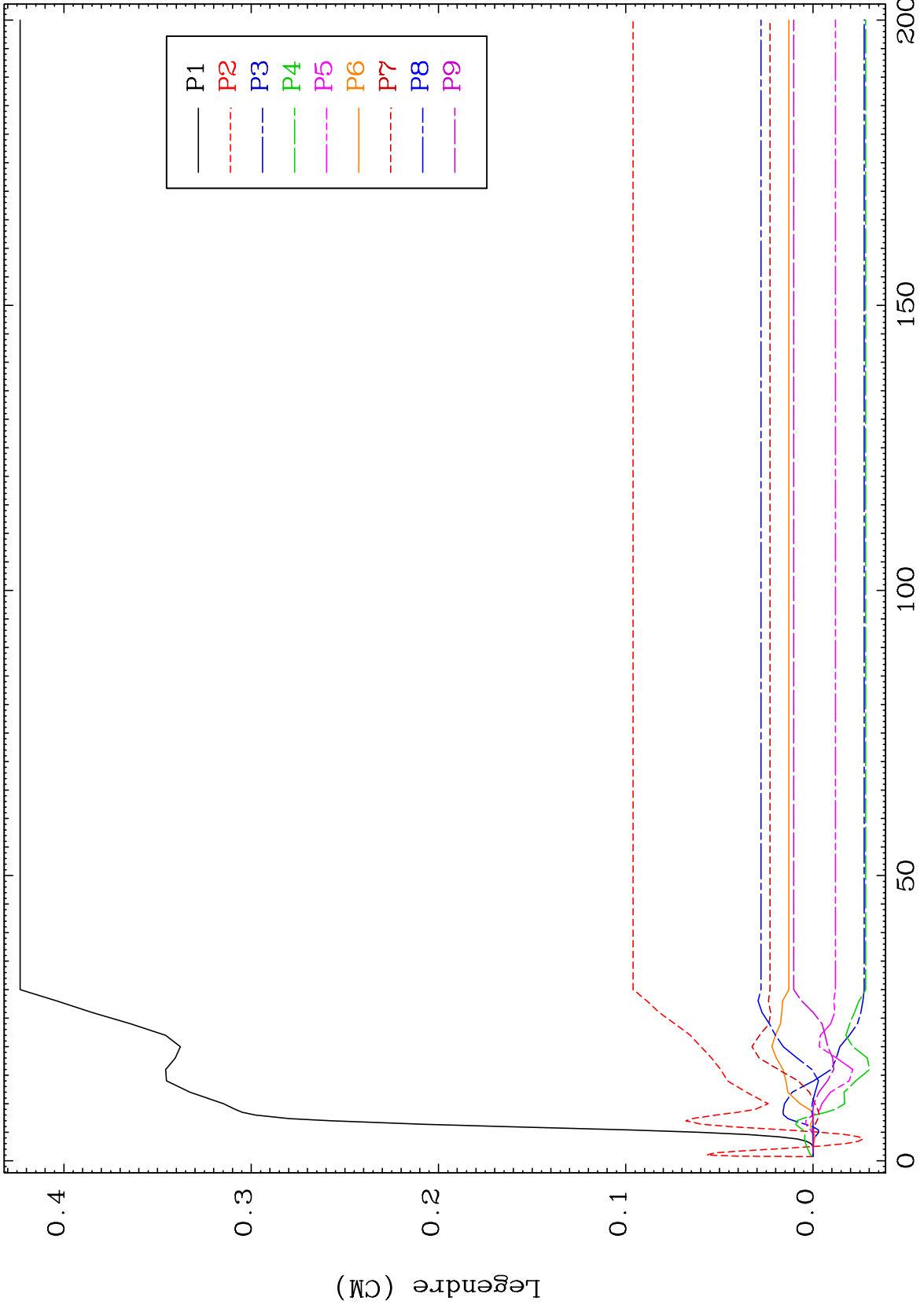
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



65

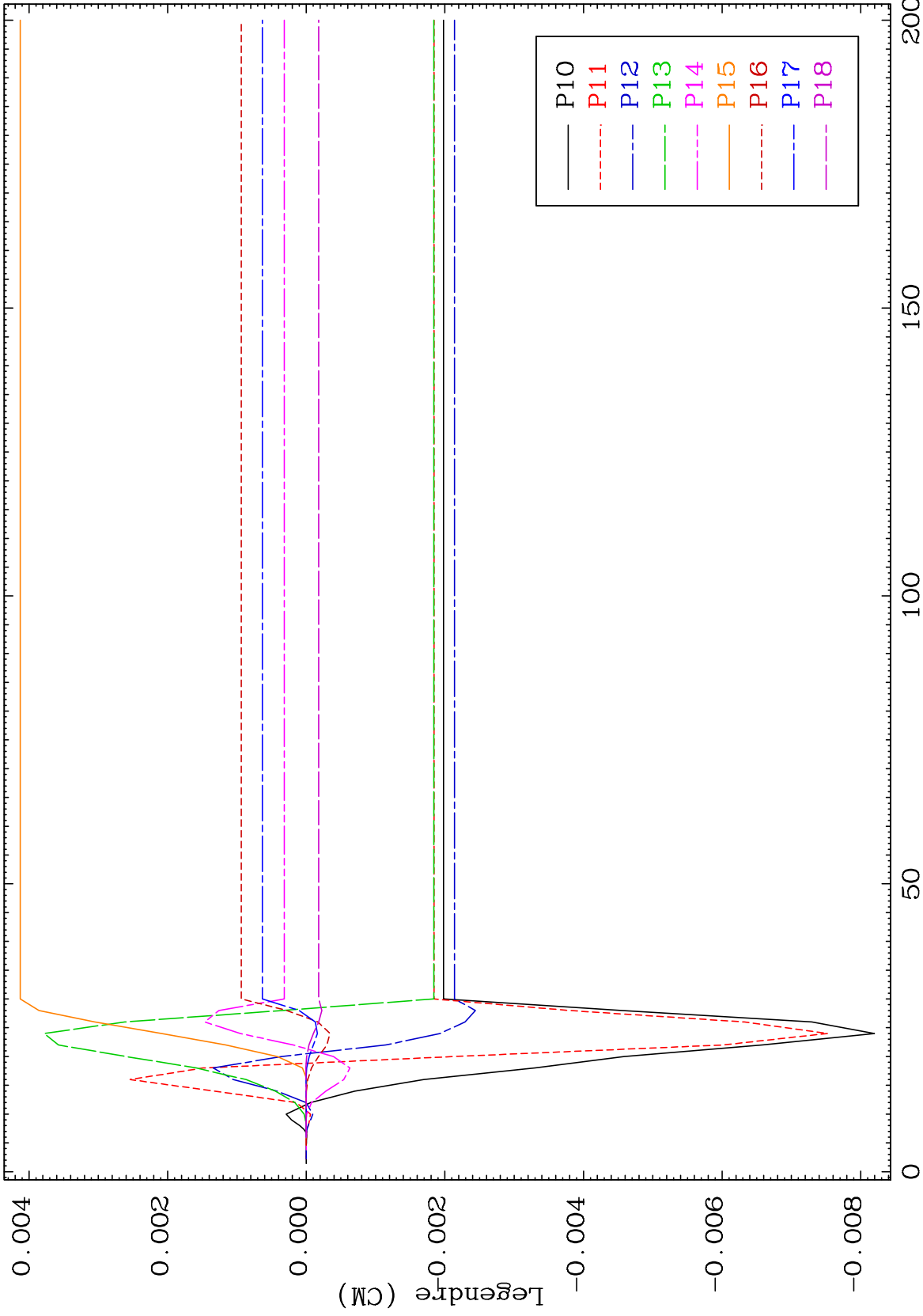
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



66

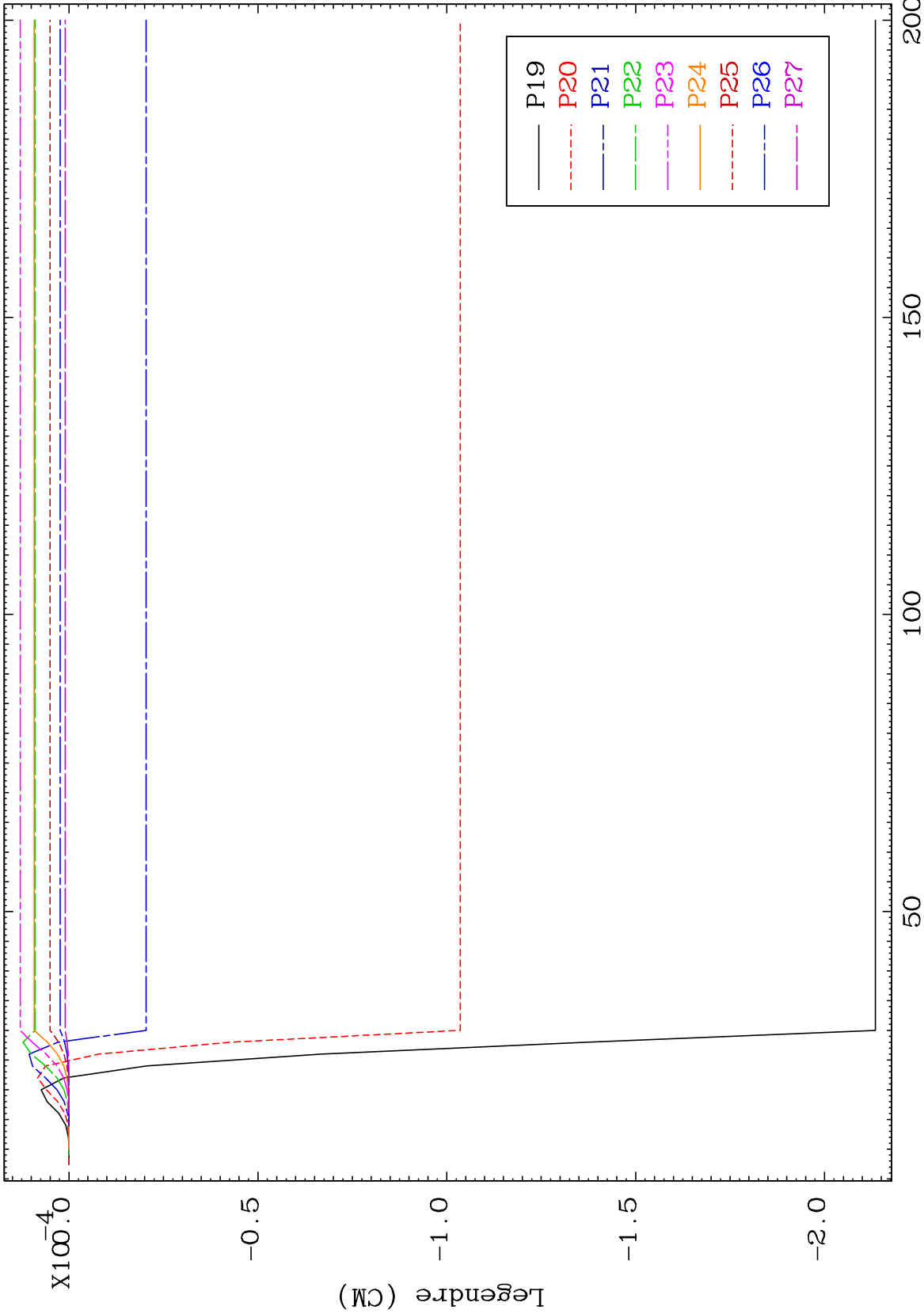
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

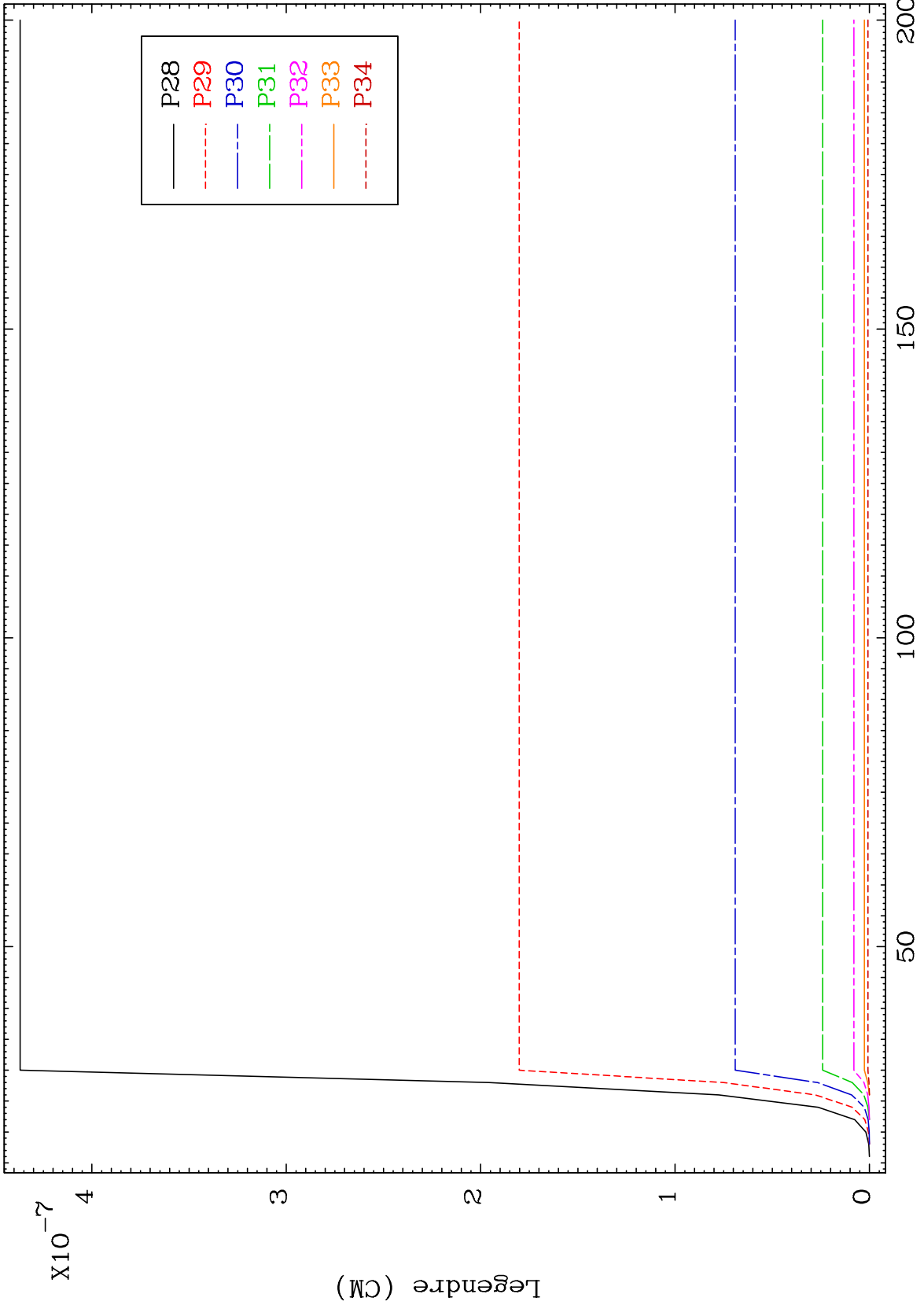
Incident Energy (MeV)

67

MAT 5507

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

55-Cs-127



68

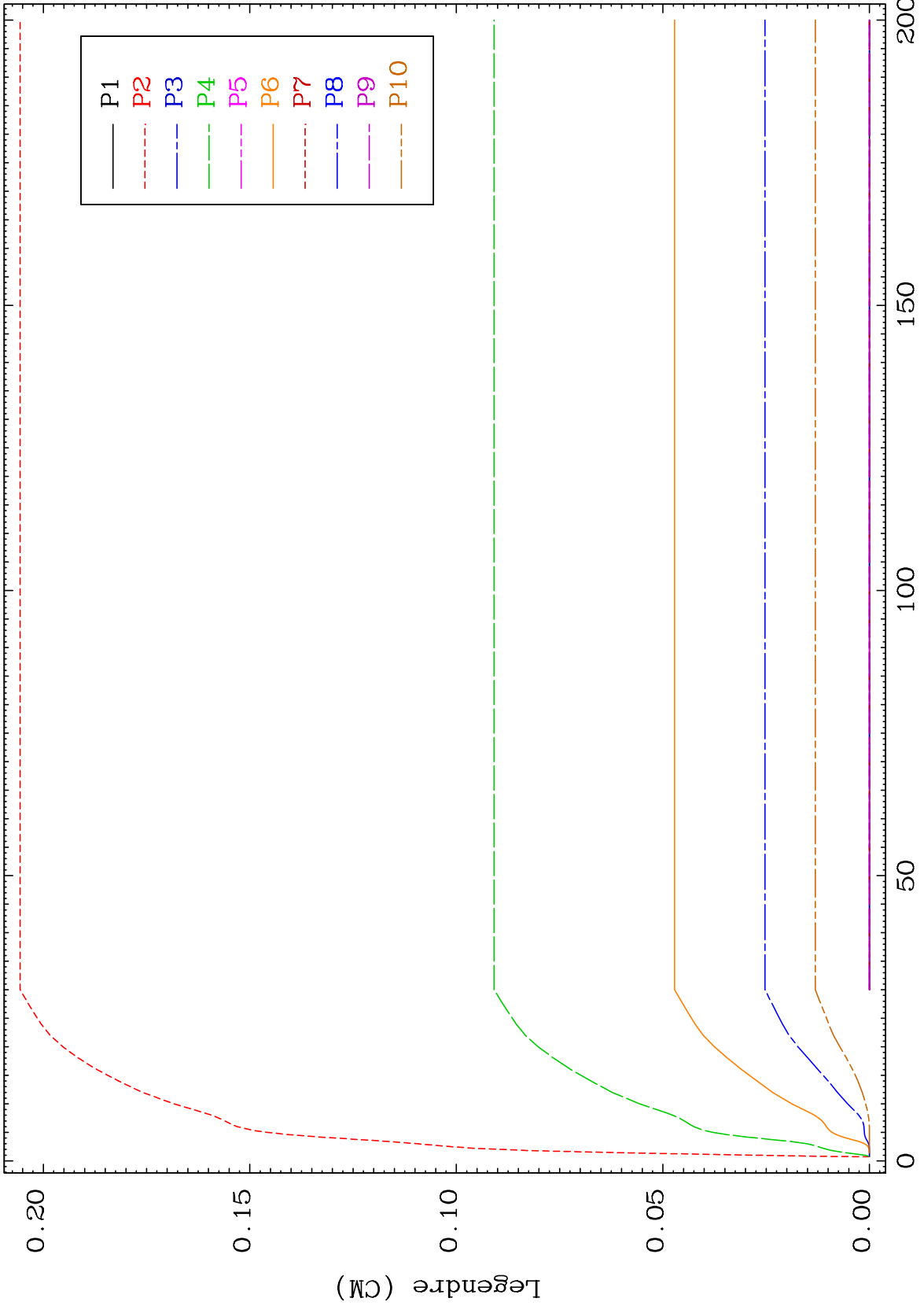
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



69

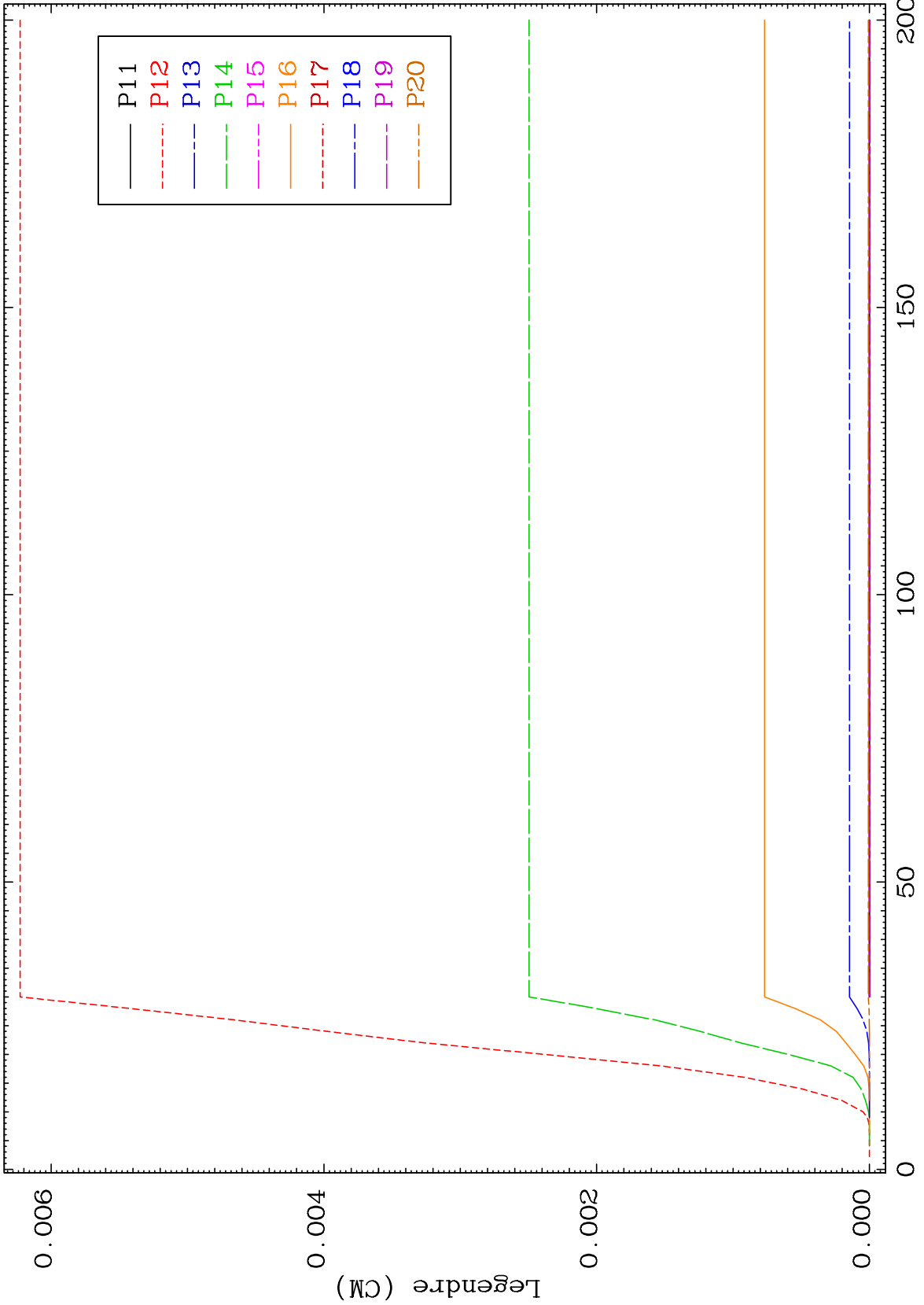
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



70

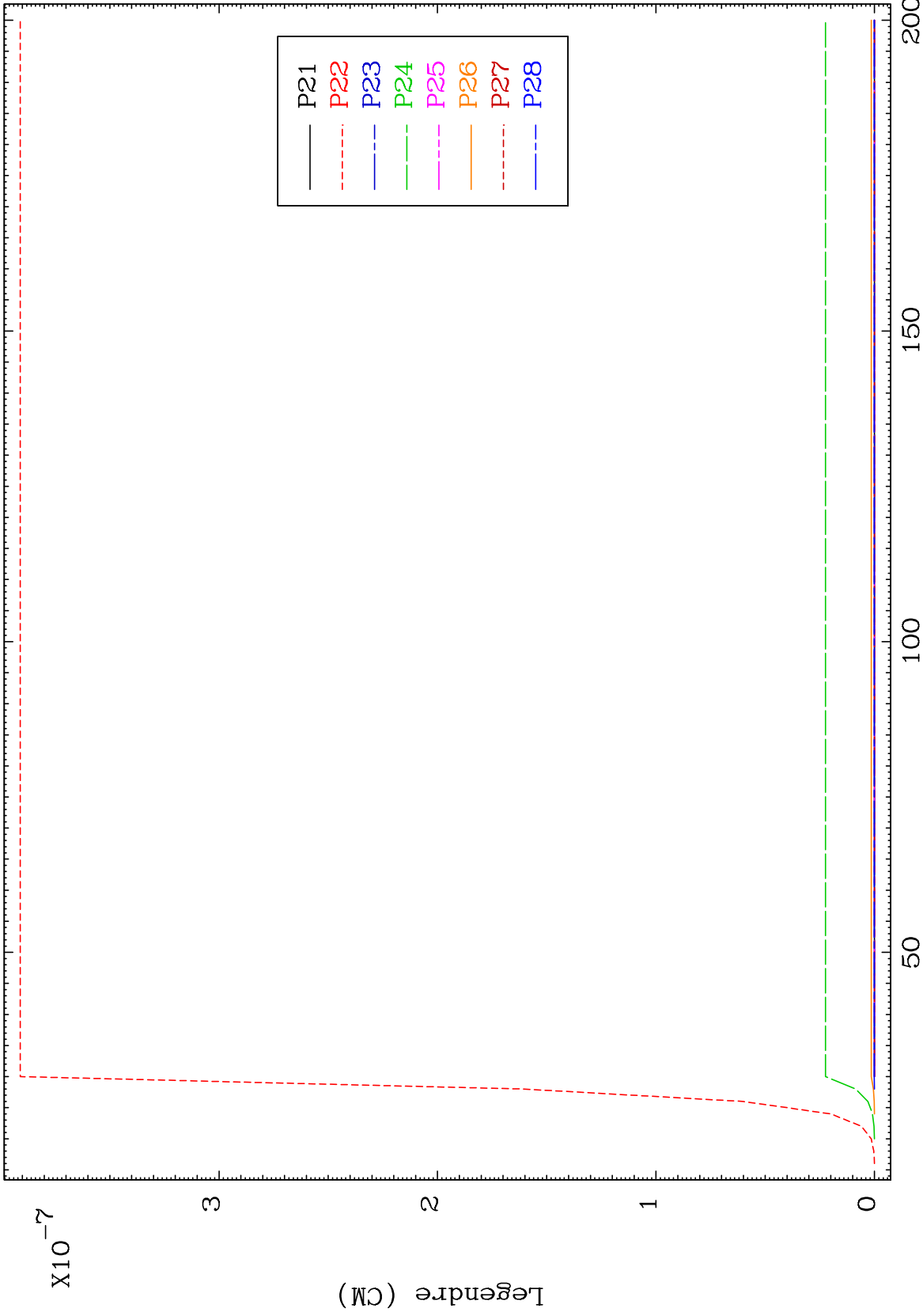
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



71

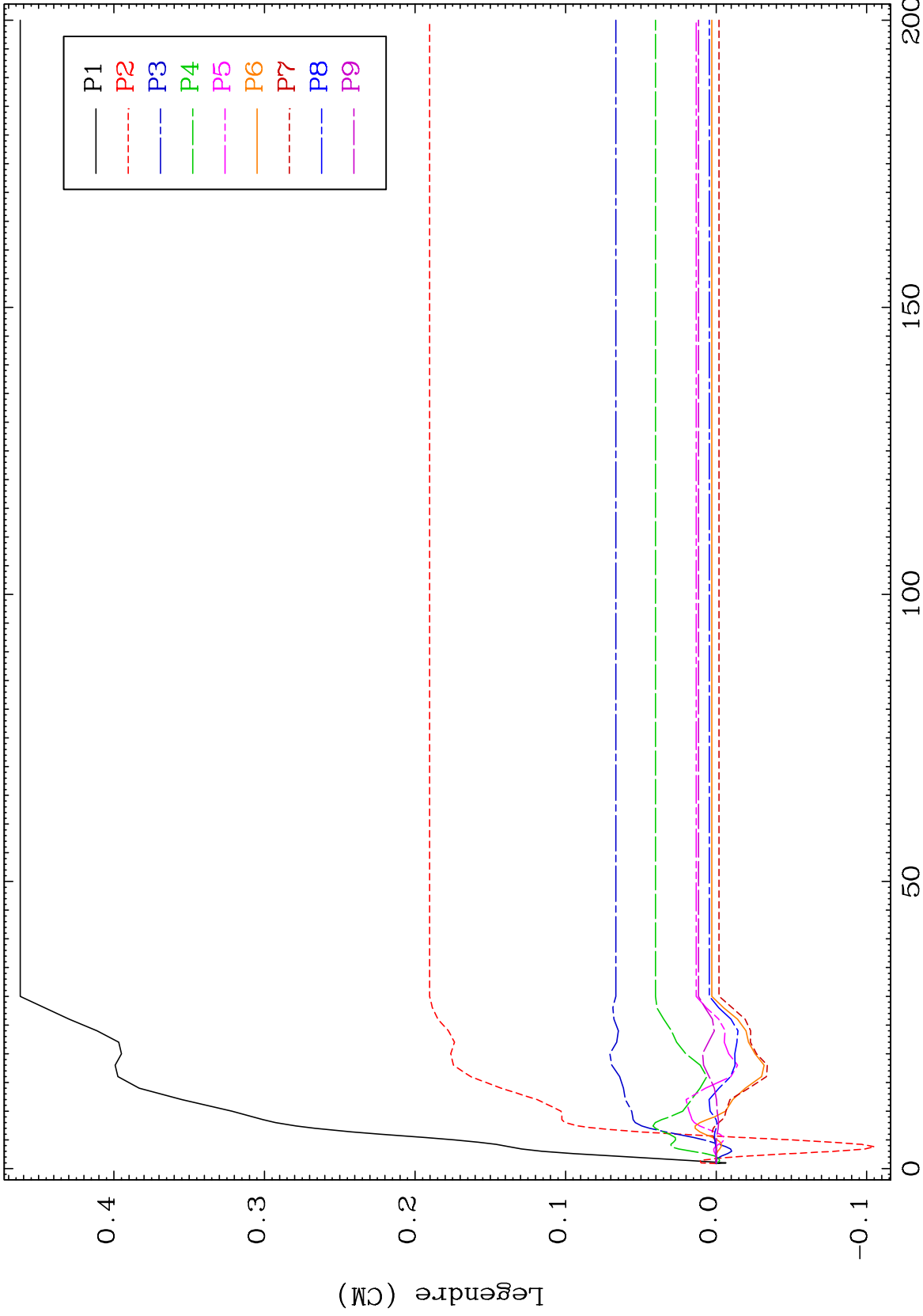
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



72

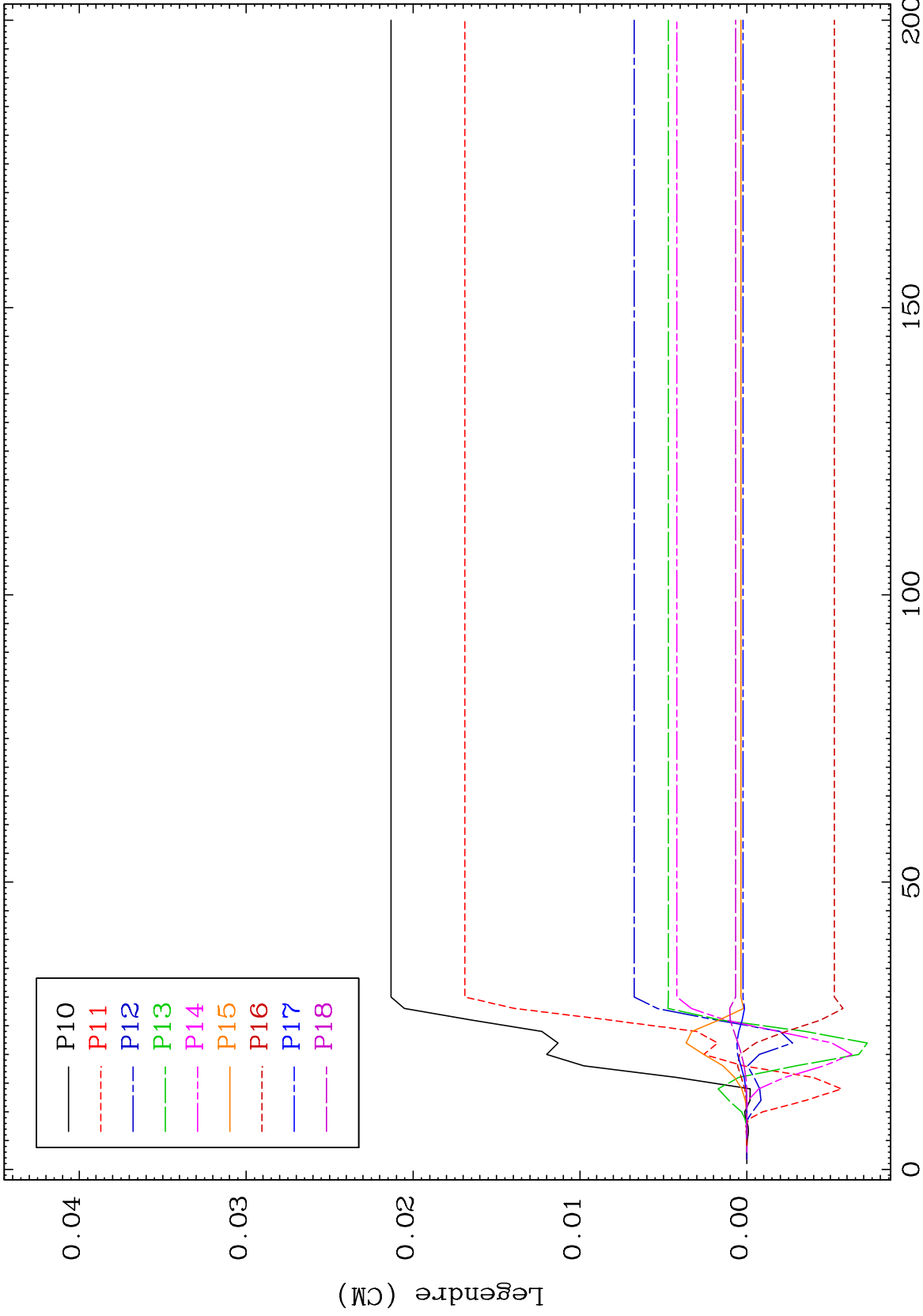
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



73

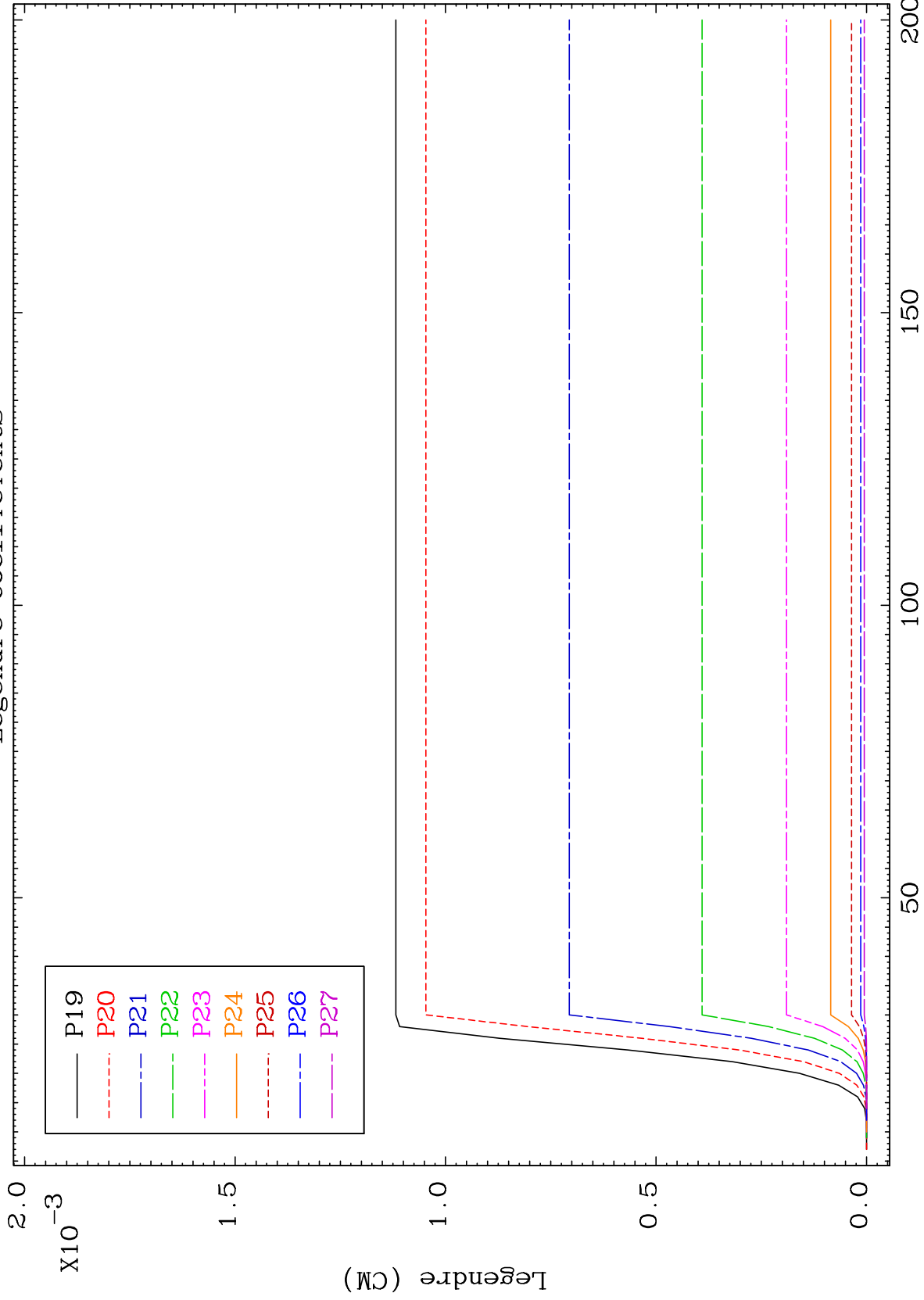
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



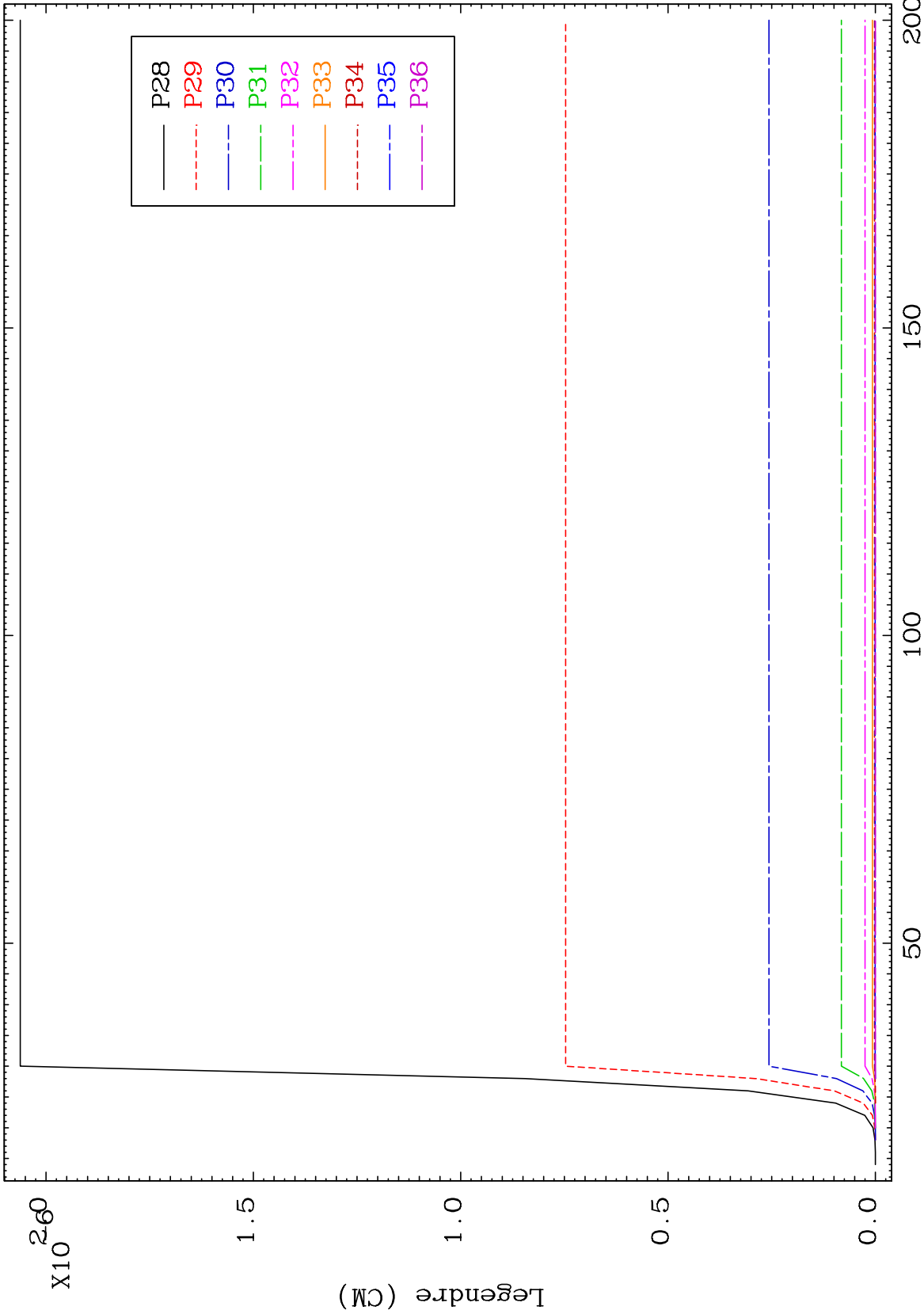
74

55-Cs-127

MAT 5507

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

55-Cs-127

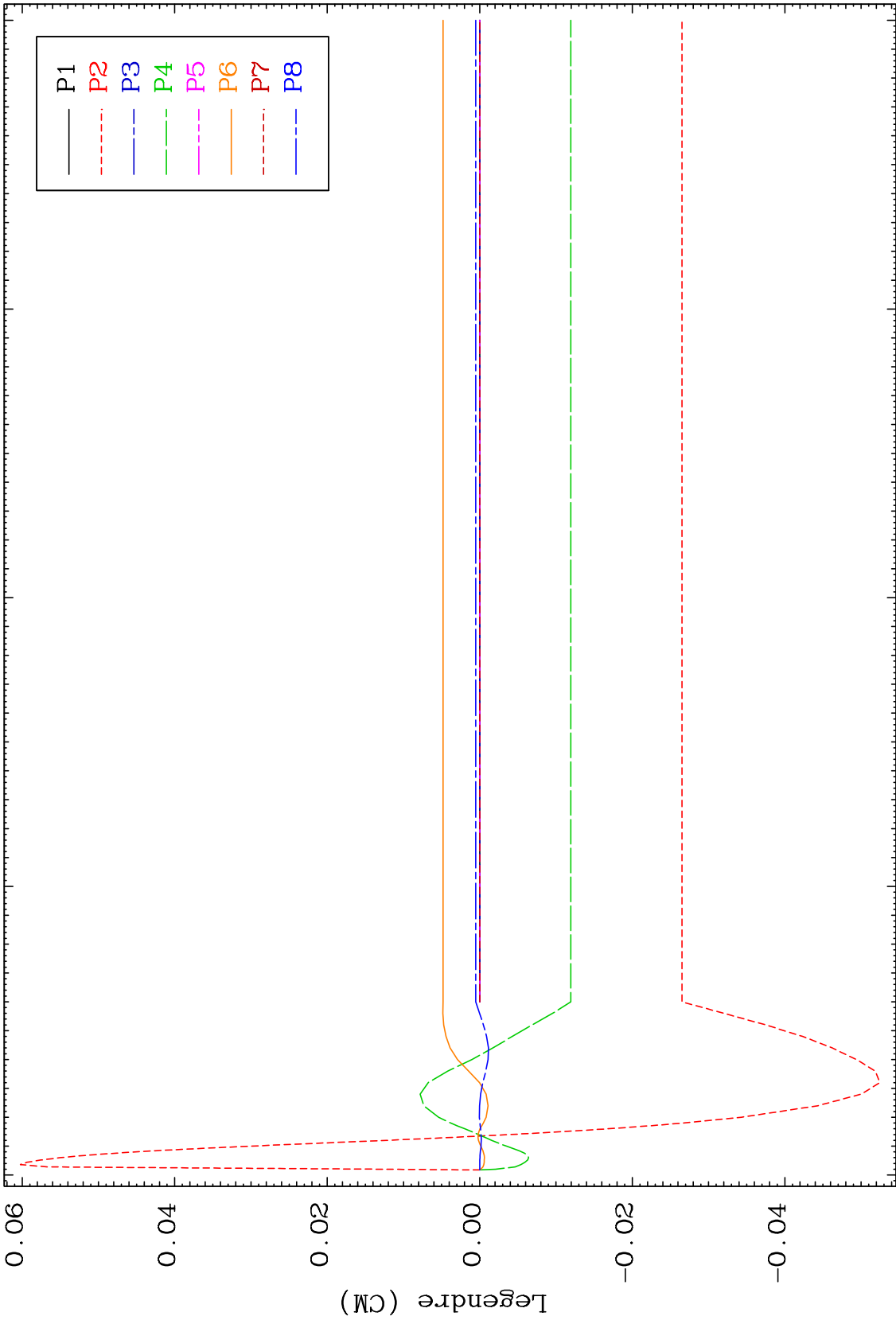


75

Incident Energy (MeV)

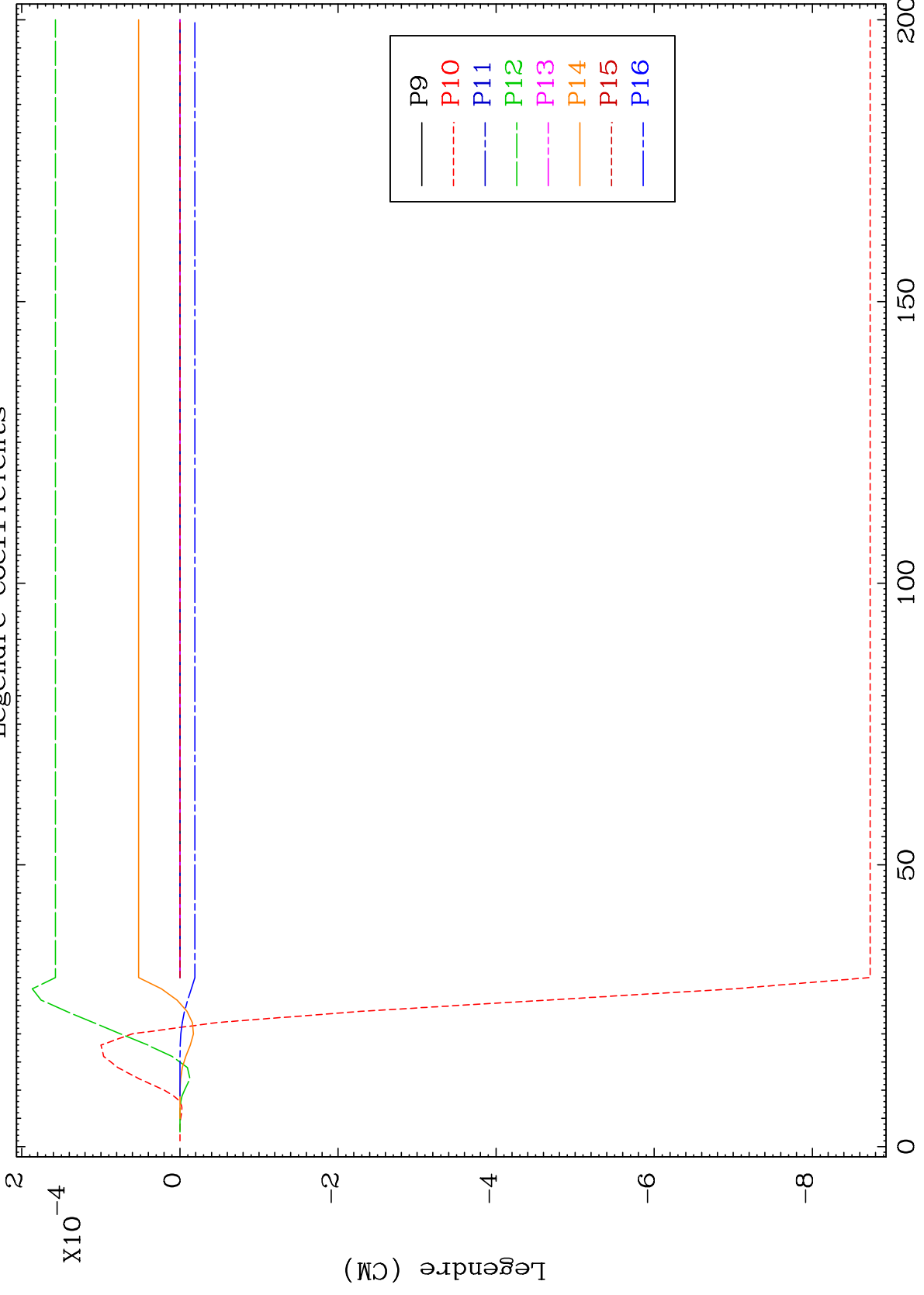
55-Cs-127

MAT 5507 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-127



76 Incident Energy (MeV) 55-Cs-127

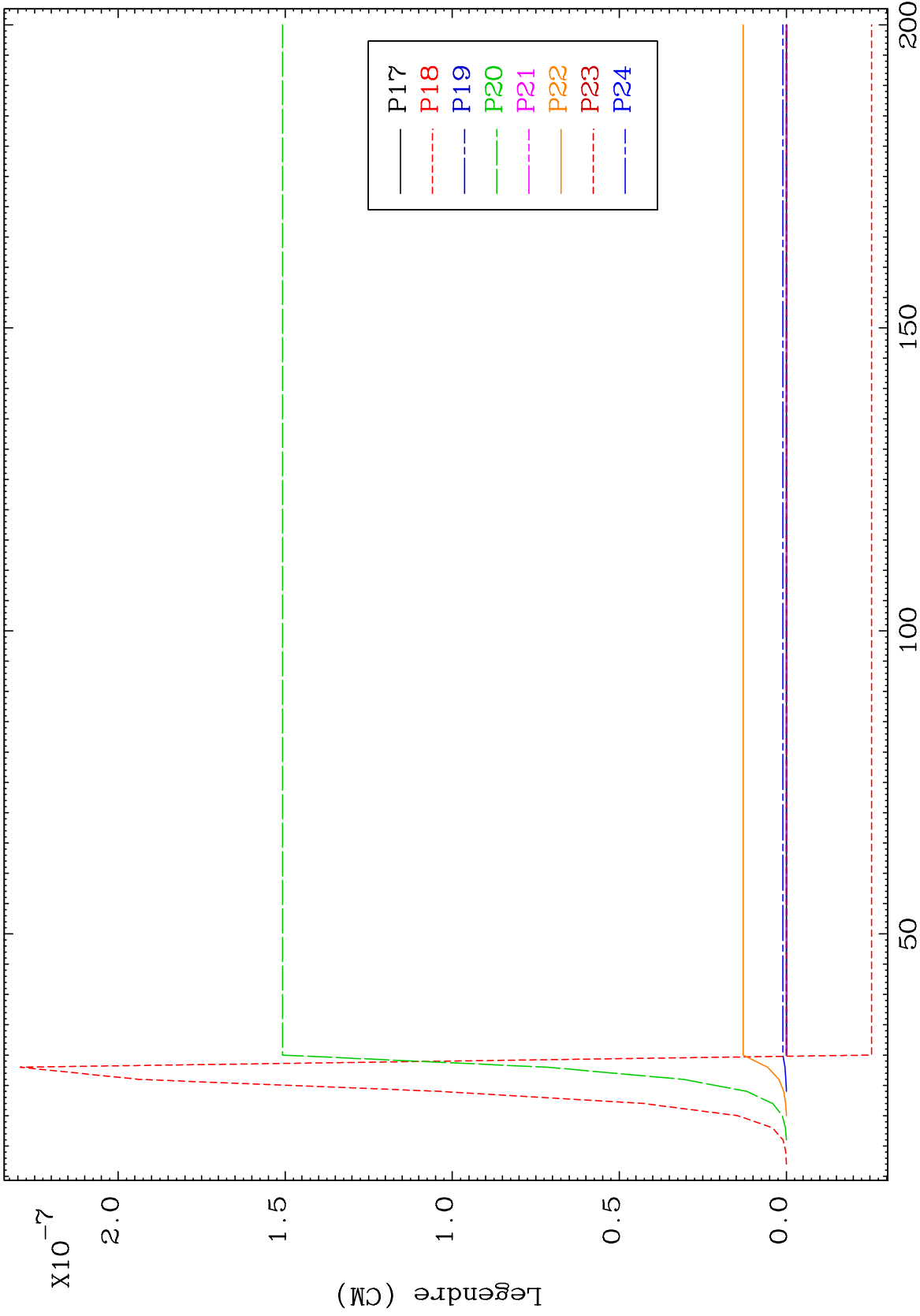
MAT 5507 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

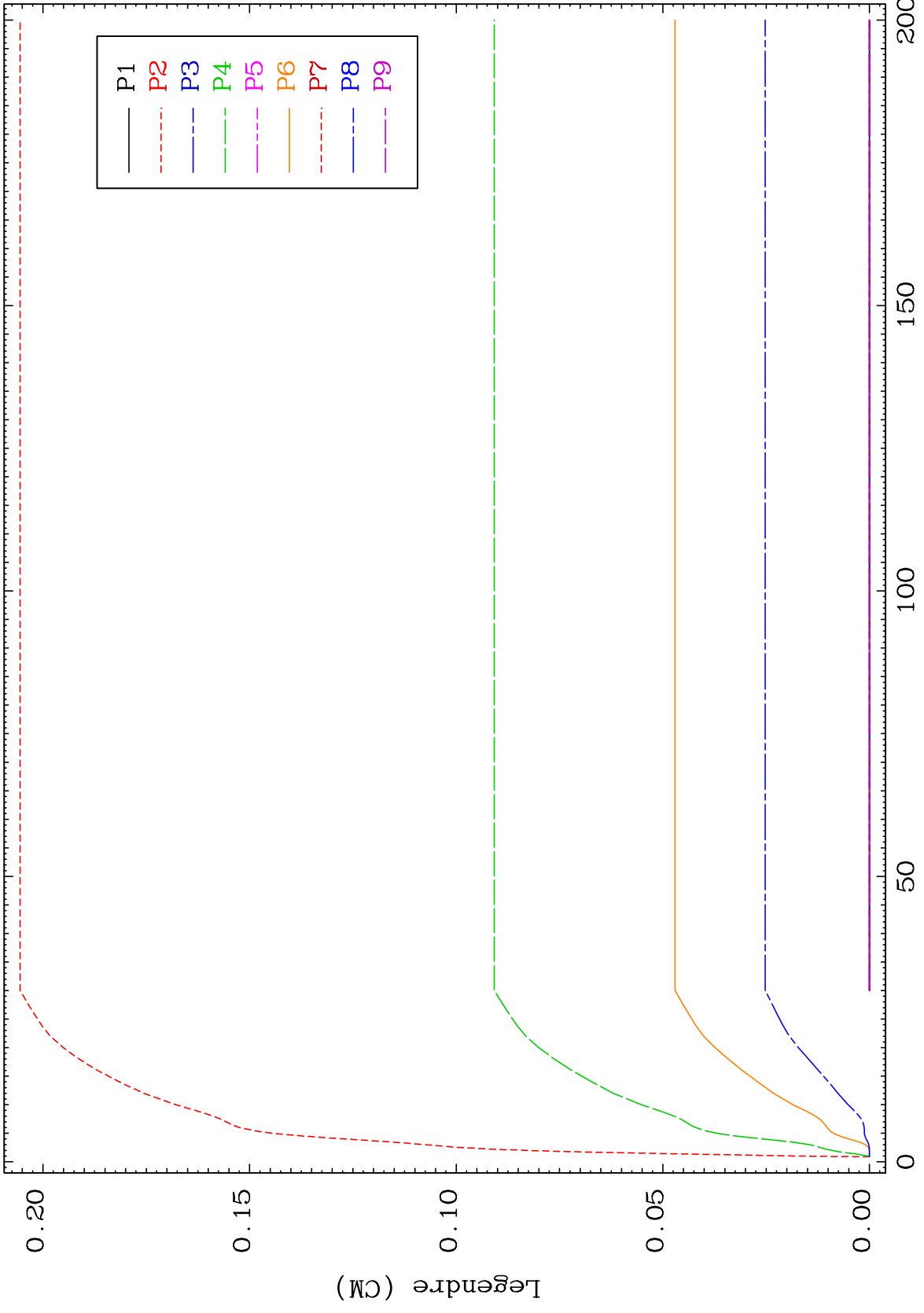
55-Cs-127



78

55-Cs-127

MAT 5507 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-127

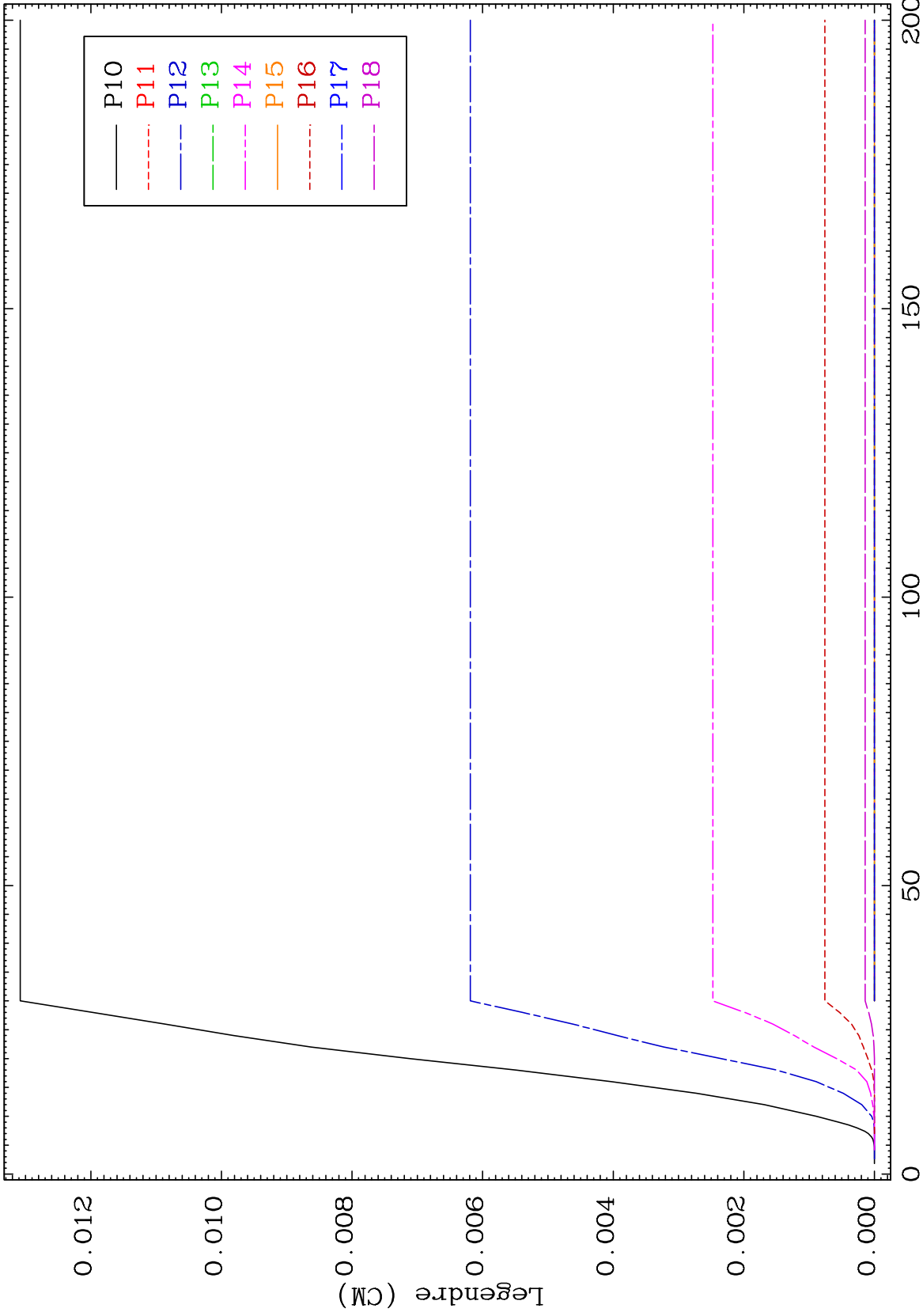


79 55-Cs-127

MAT 5507

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

55-Cs-127



80

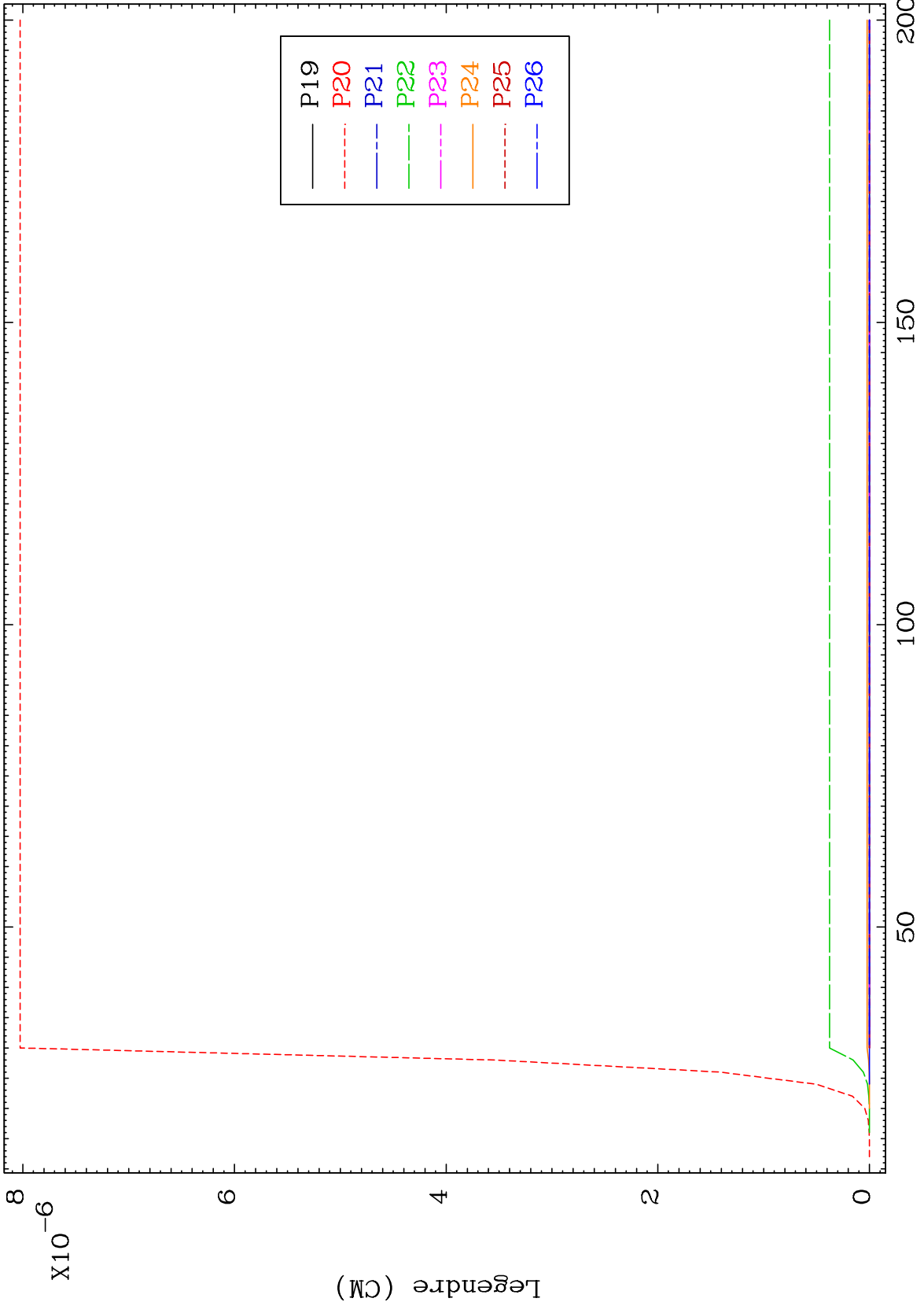
Incident Energy (MeV)

150

200

55-Cs-127

MAT 5507 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-127

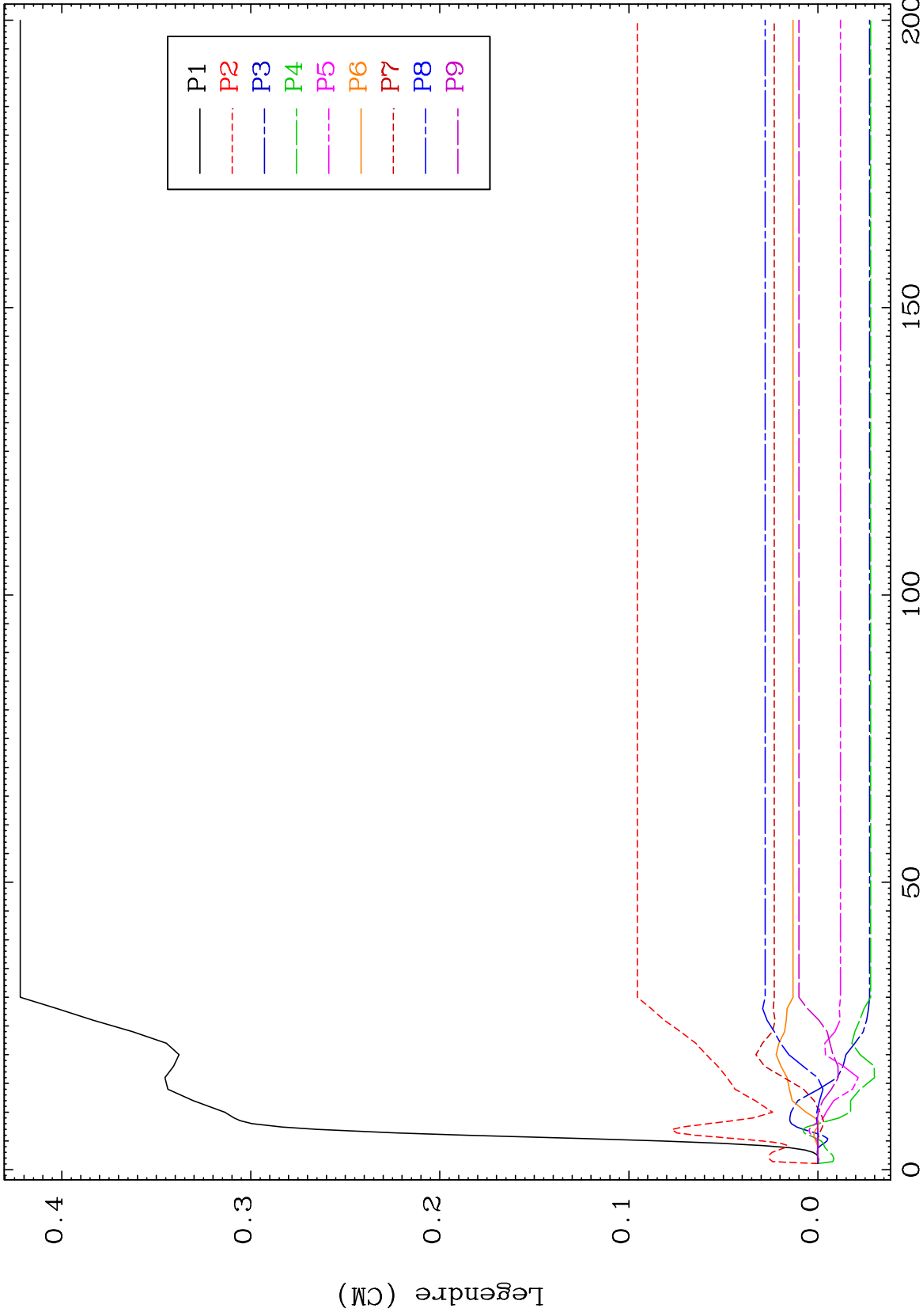


81 55-Cs-127

MAT 5507

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

55-Cs-127

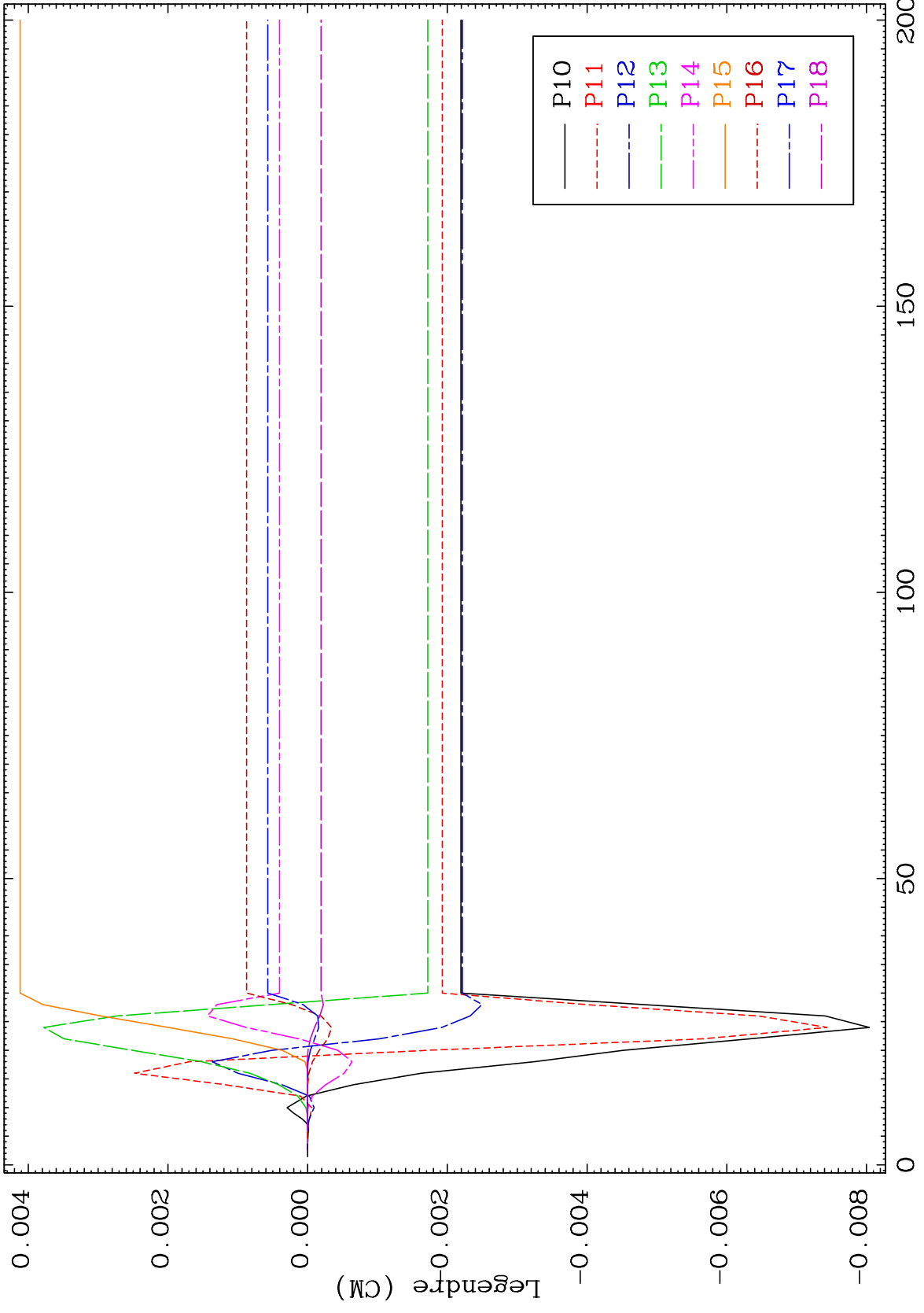


82

Incident Energy (MeV)

55-Cs-127

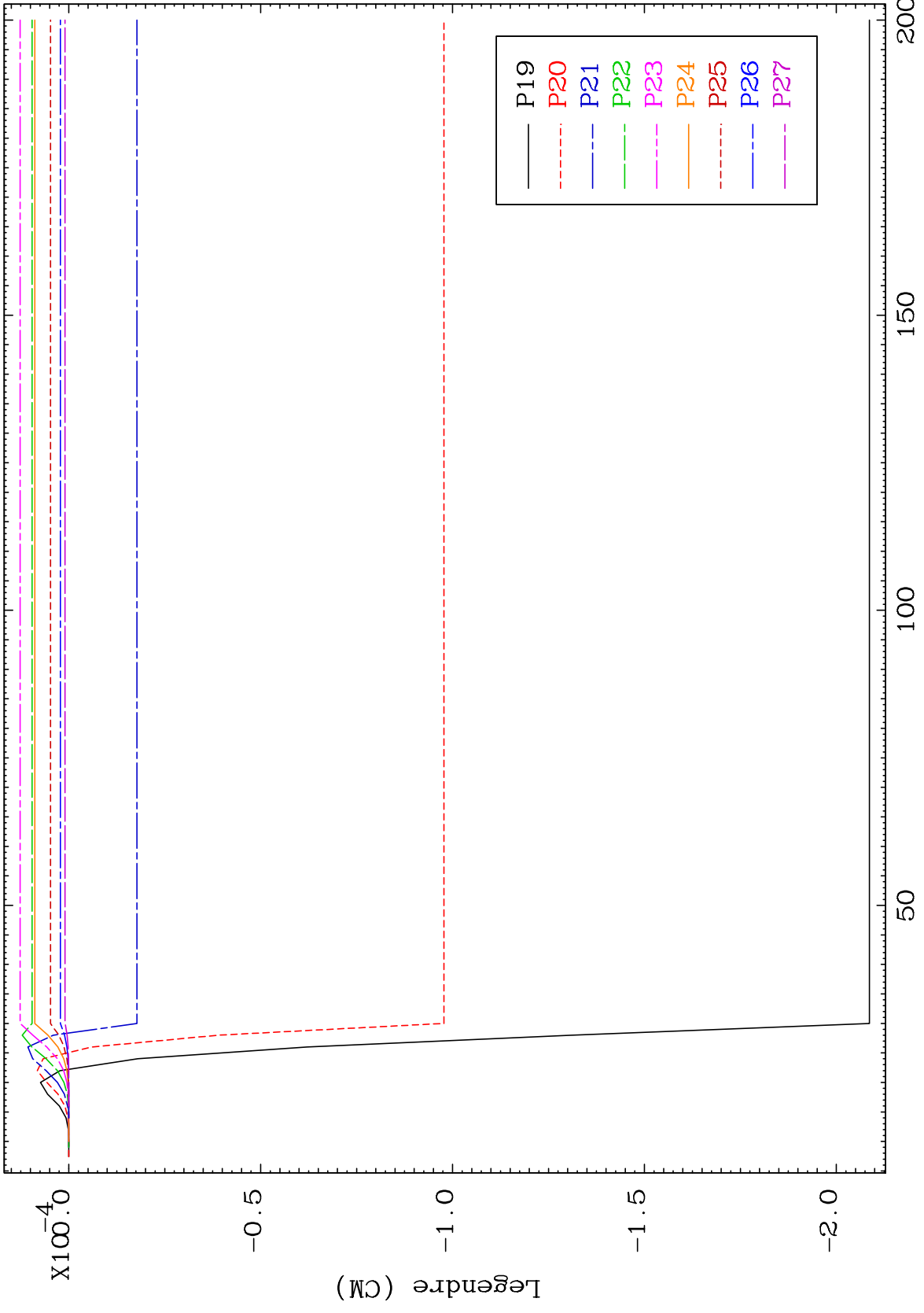
MAT 5507 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

55-Cs-127



55-Cs-127

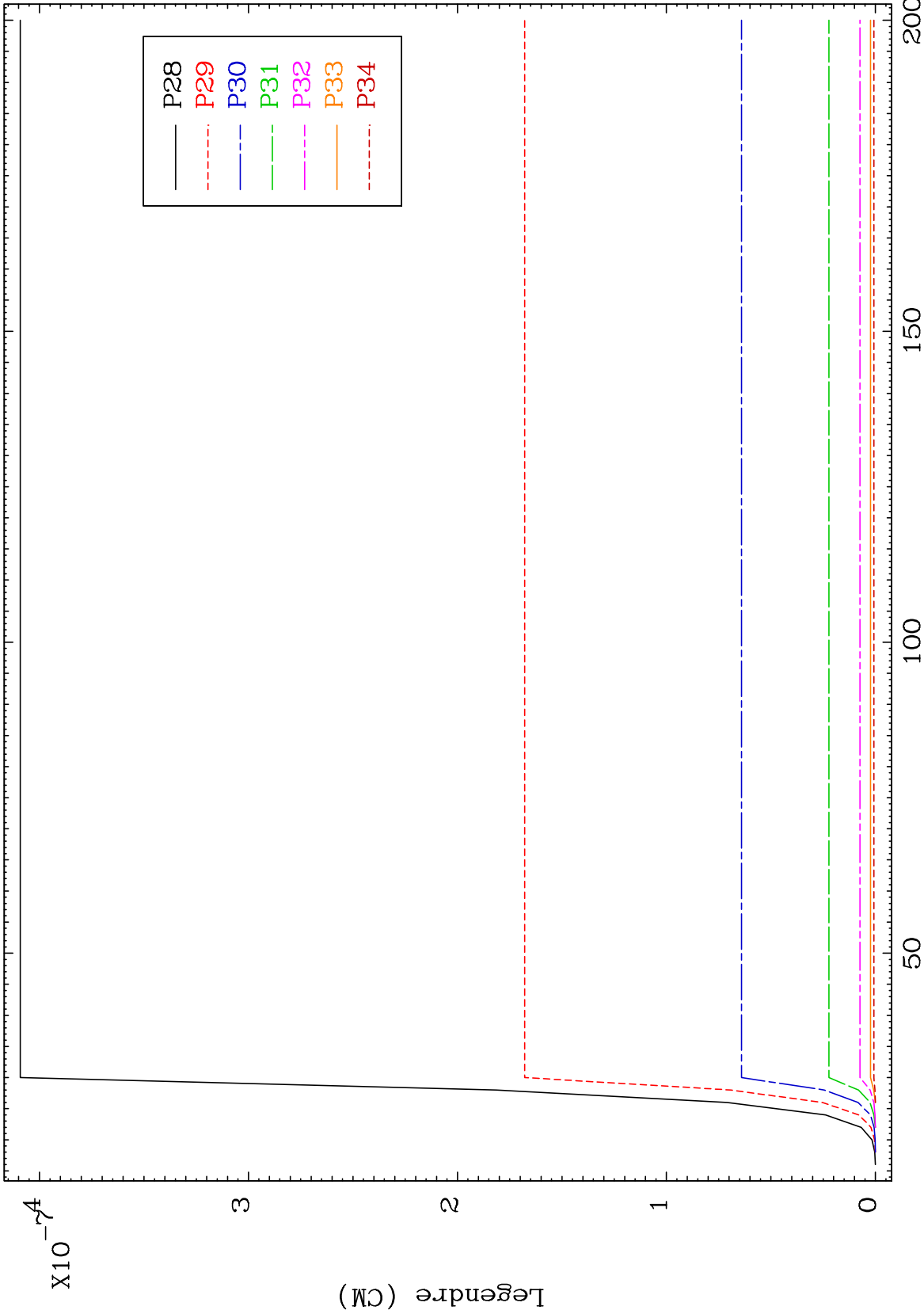
Incident Energy (MeV)

84

MAT 5507

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

55-Cs-127



85

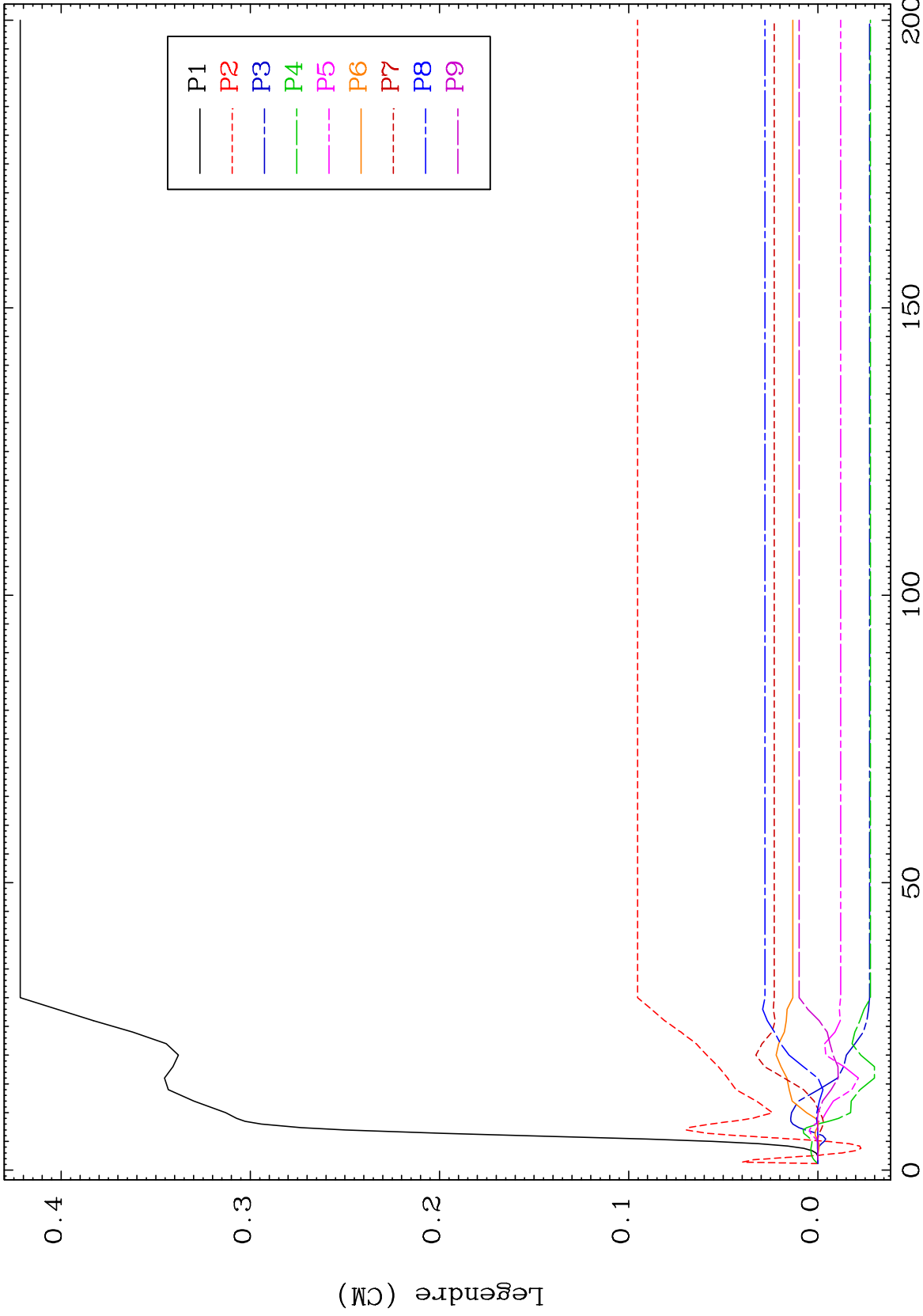
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



86

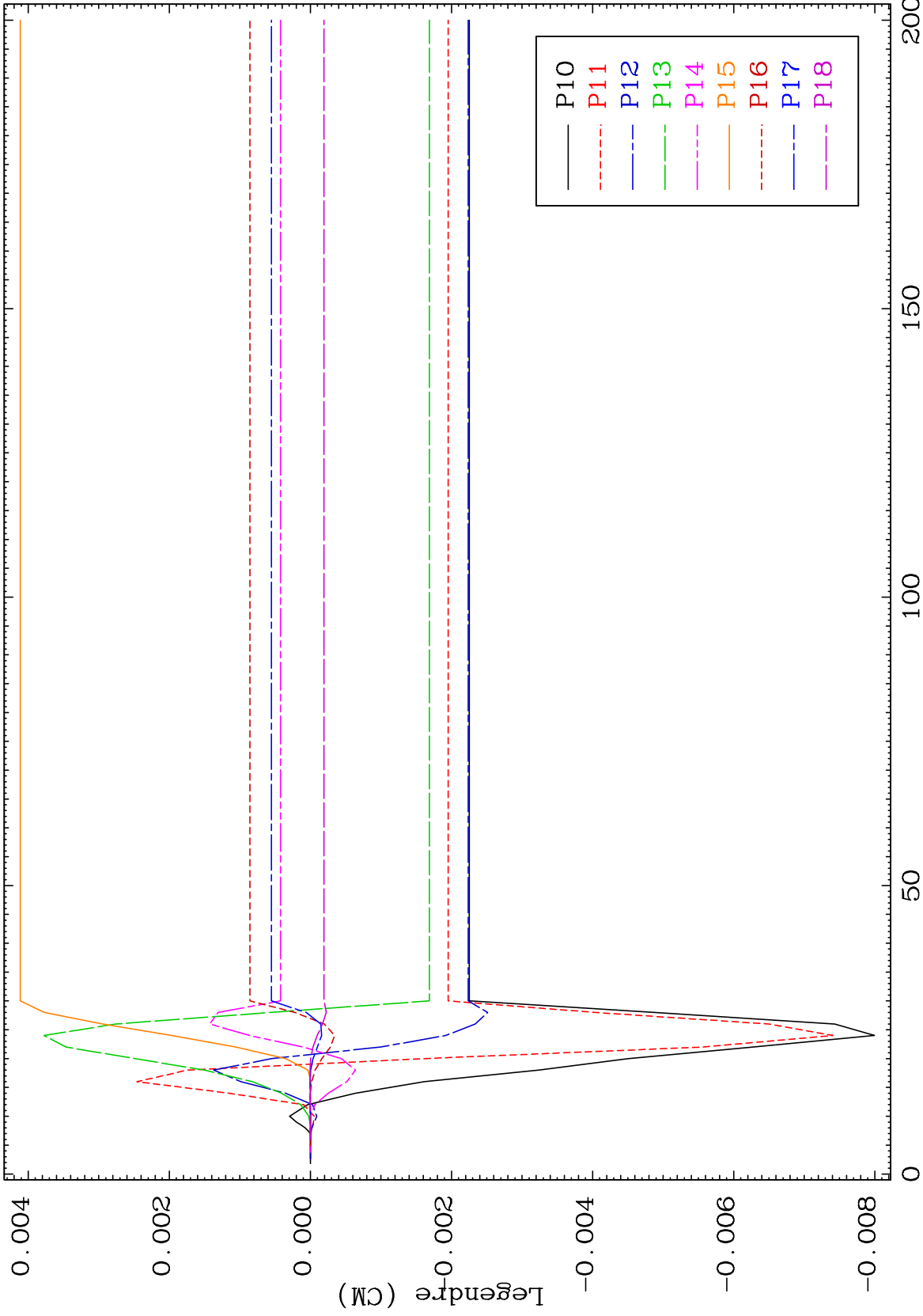
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



87

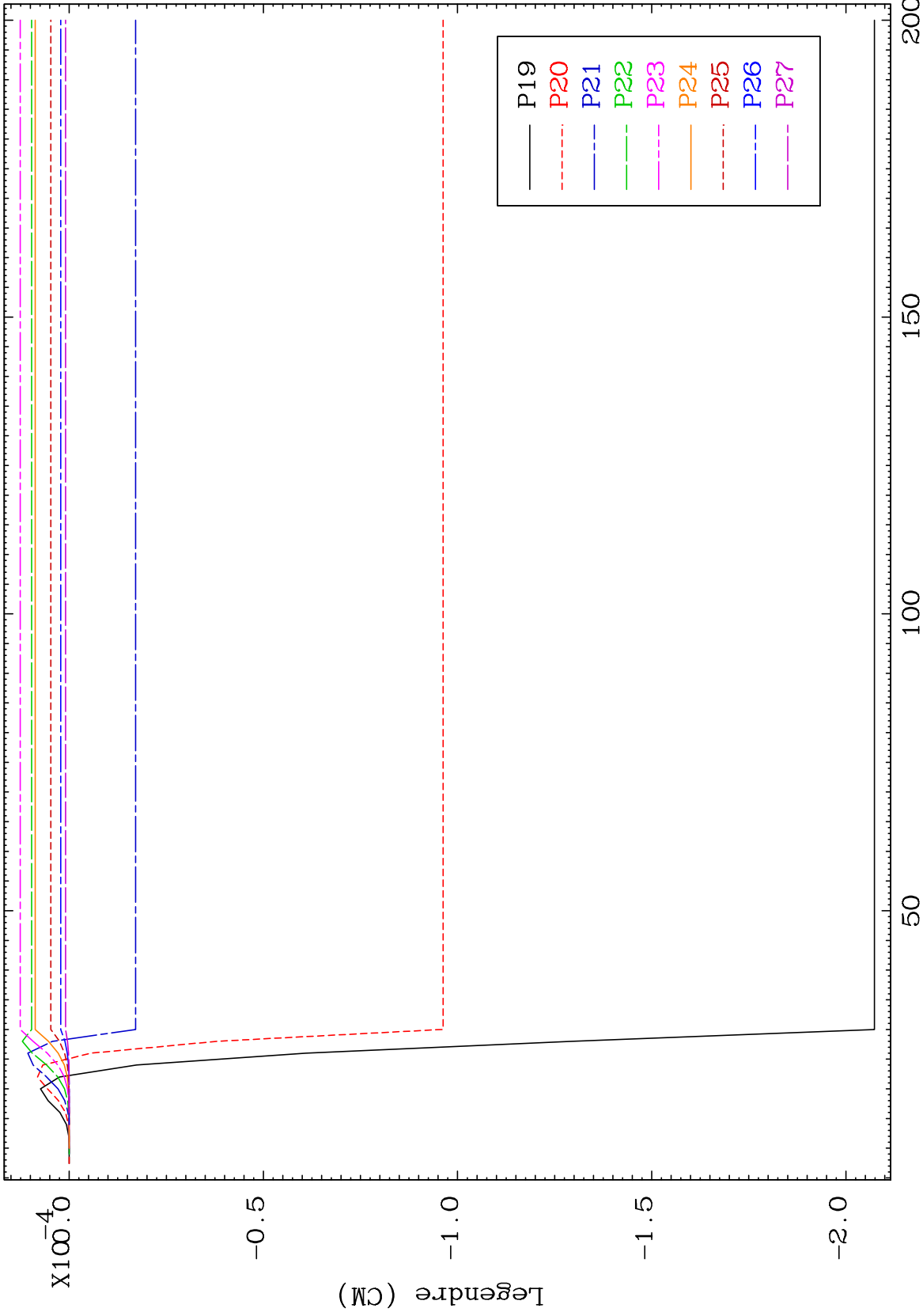
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

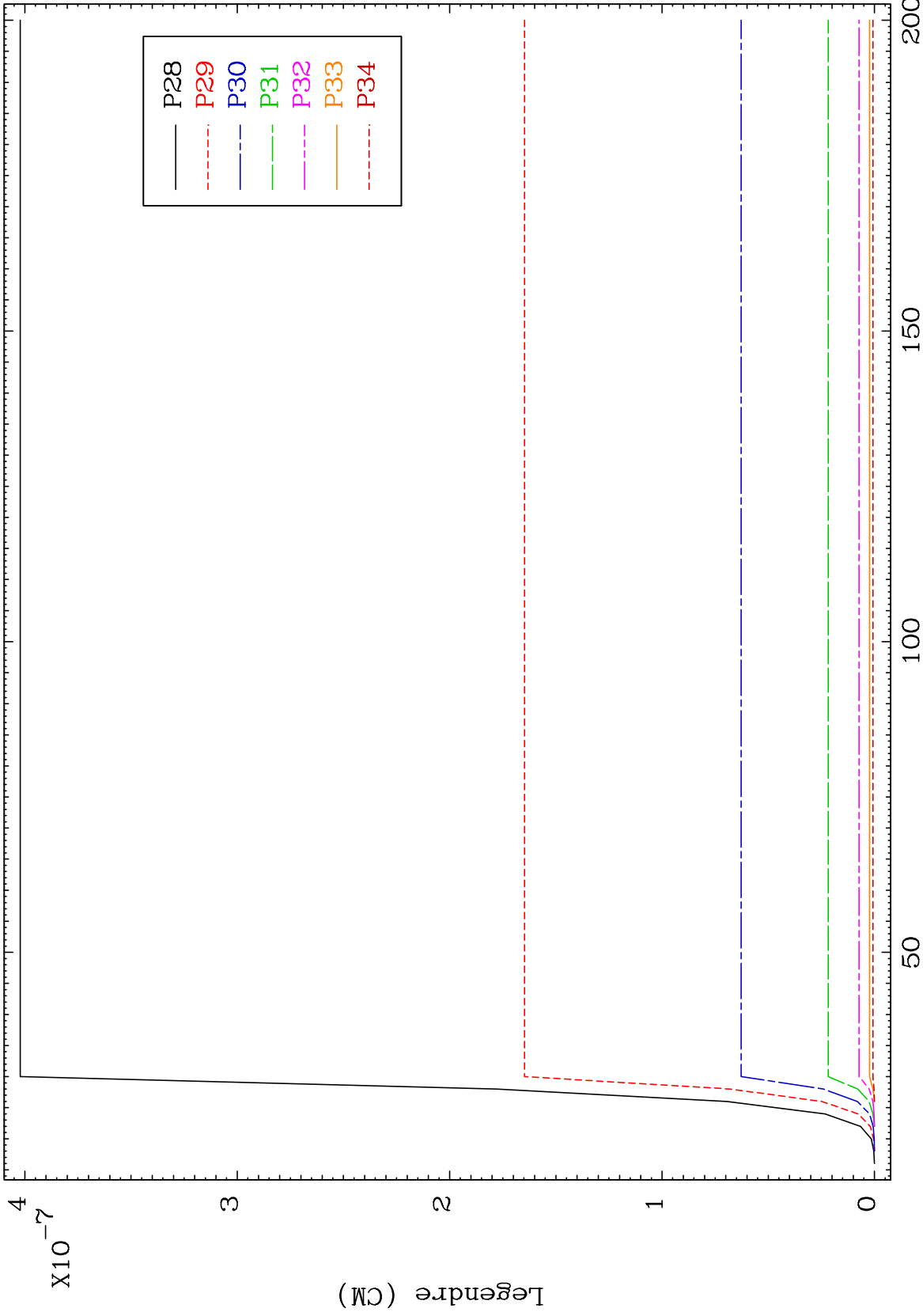
Incident Energy (MeV)

88

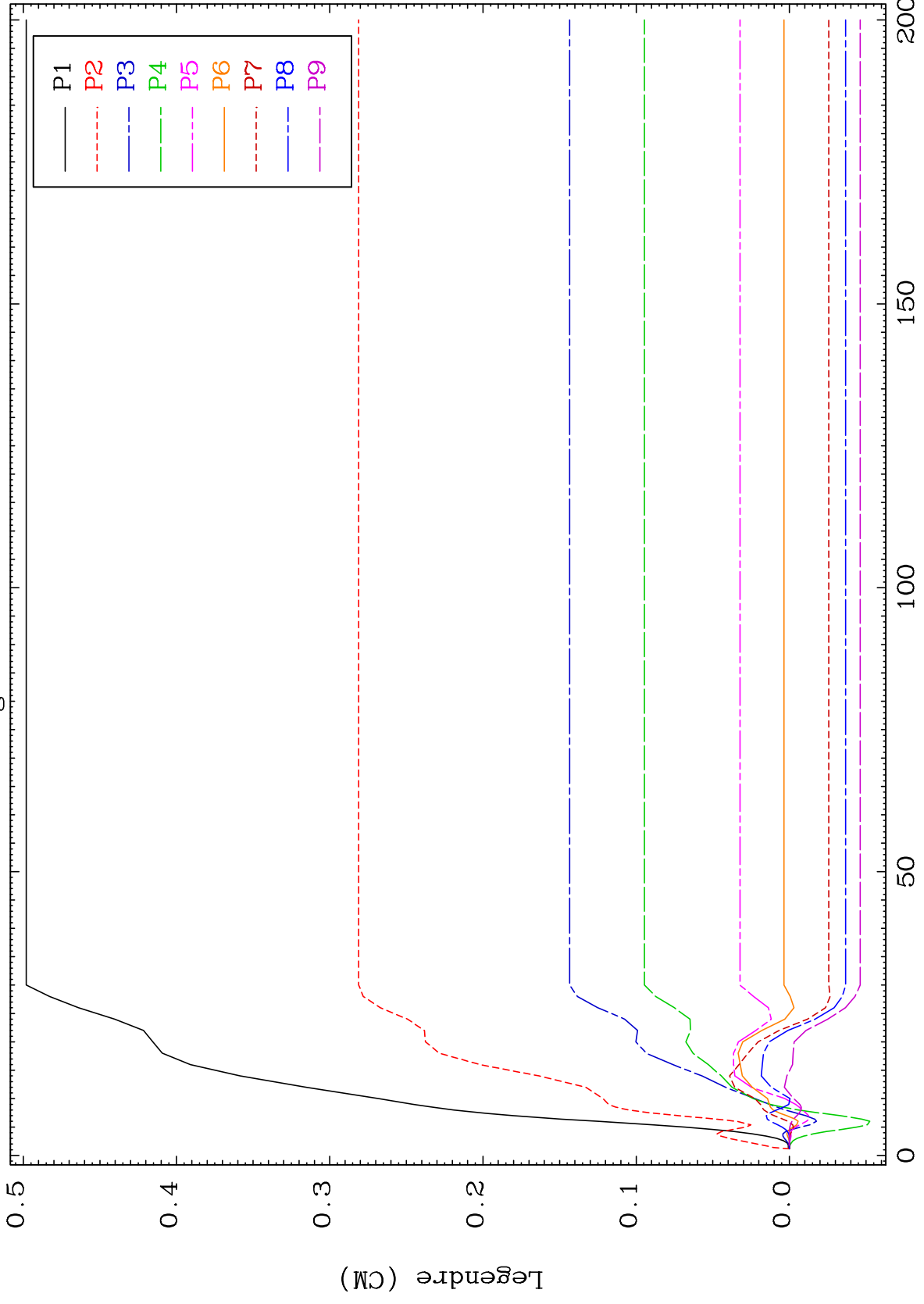
MAT 5507

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

55-Cs-127



MAT 5507 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-127

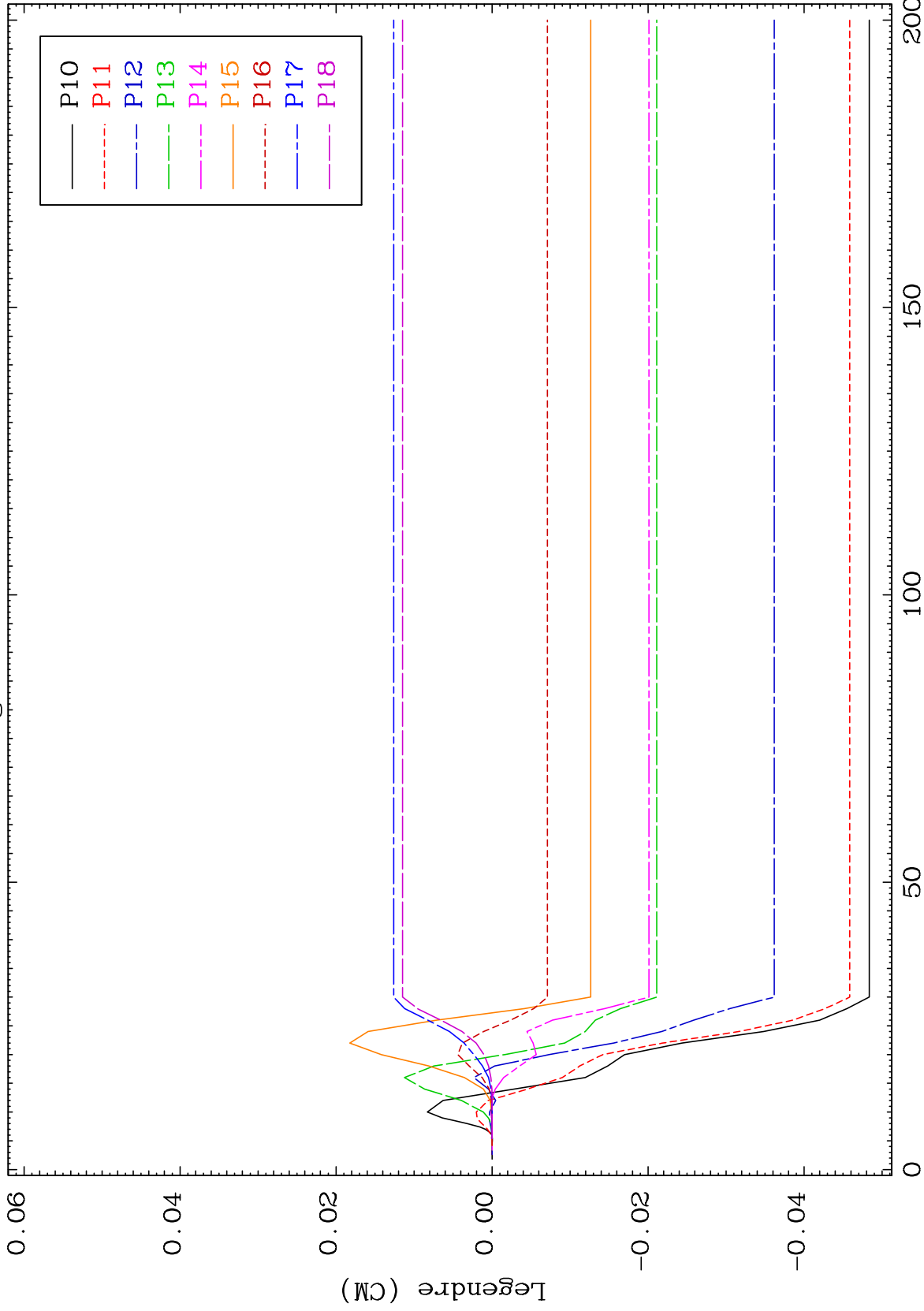


Incident Energy (MeV) 55-Cs-127

MAT 5507

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

55-Cs-127

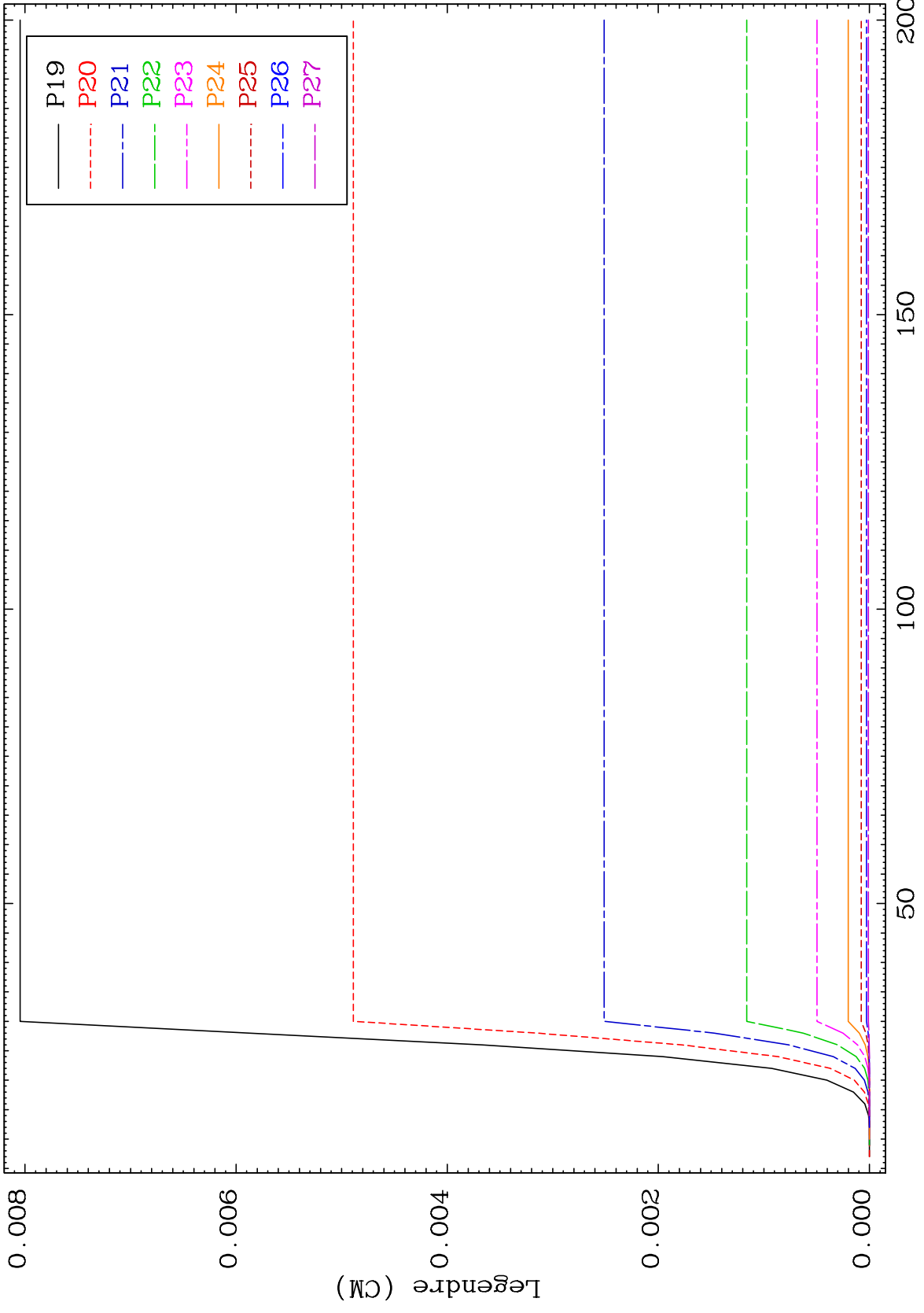


91

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-127

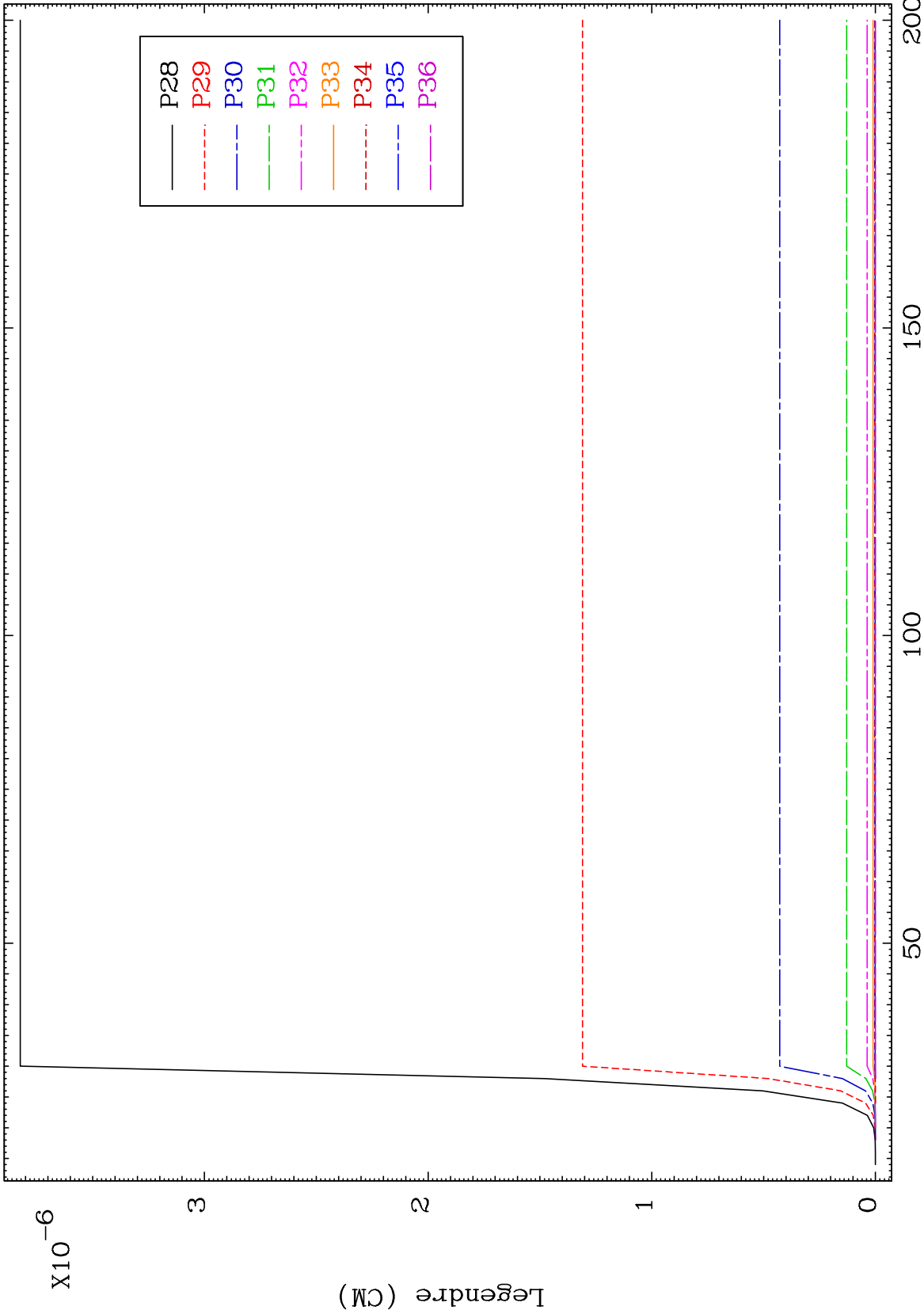


92 55-Cs-127

MAT 5507

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

55-Cs-127



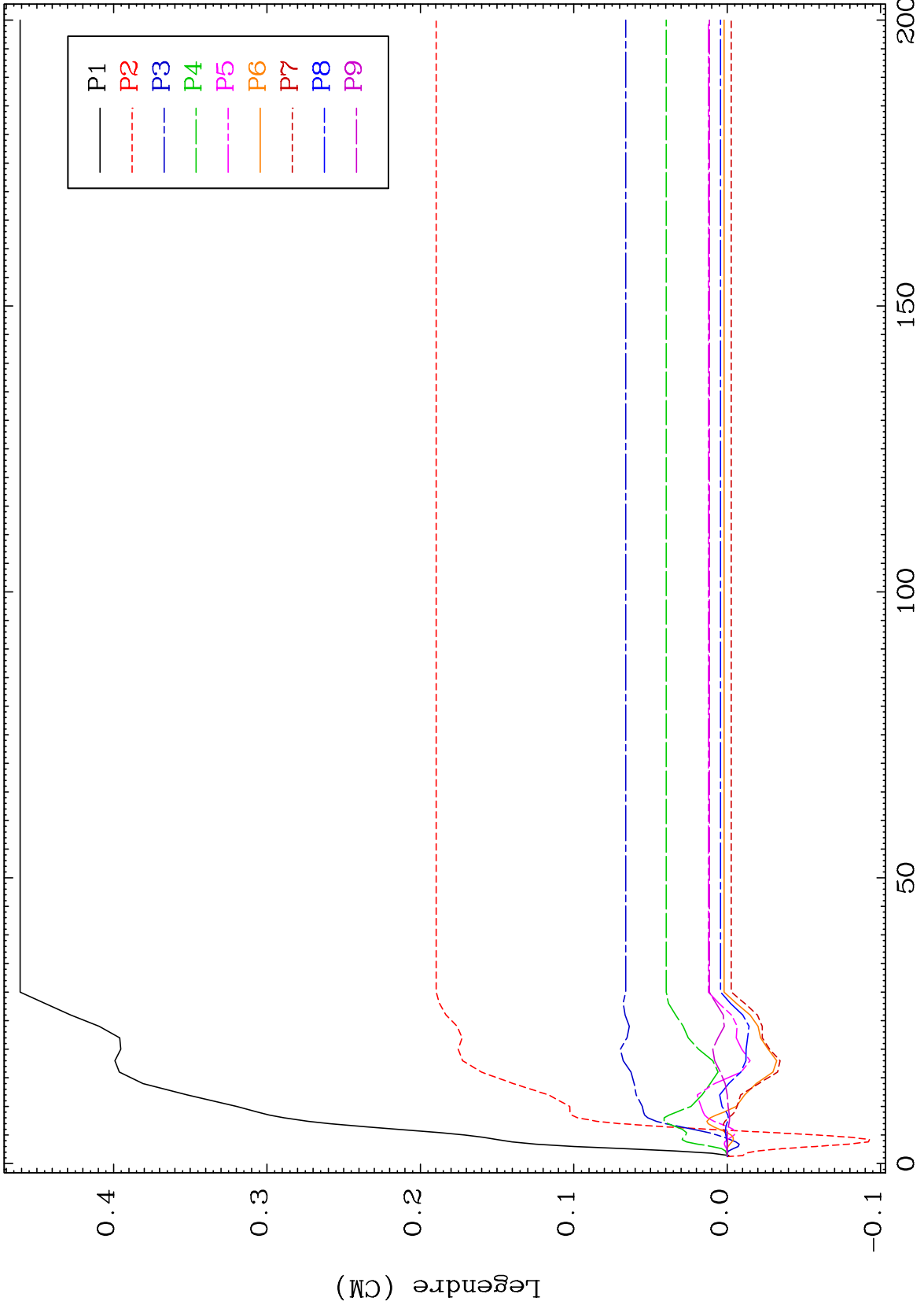
93

55-Cs-127

MAT 5507

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

55-Cs-127



94

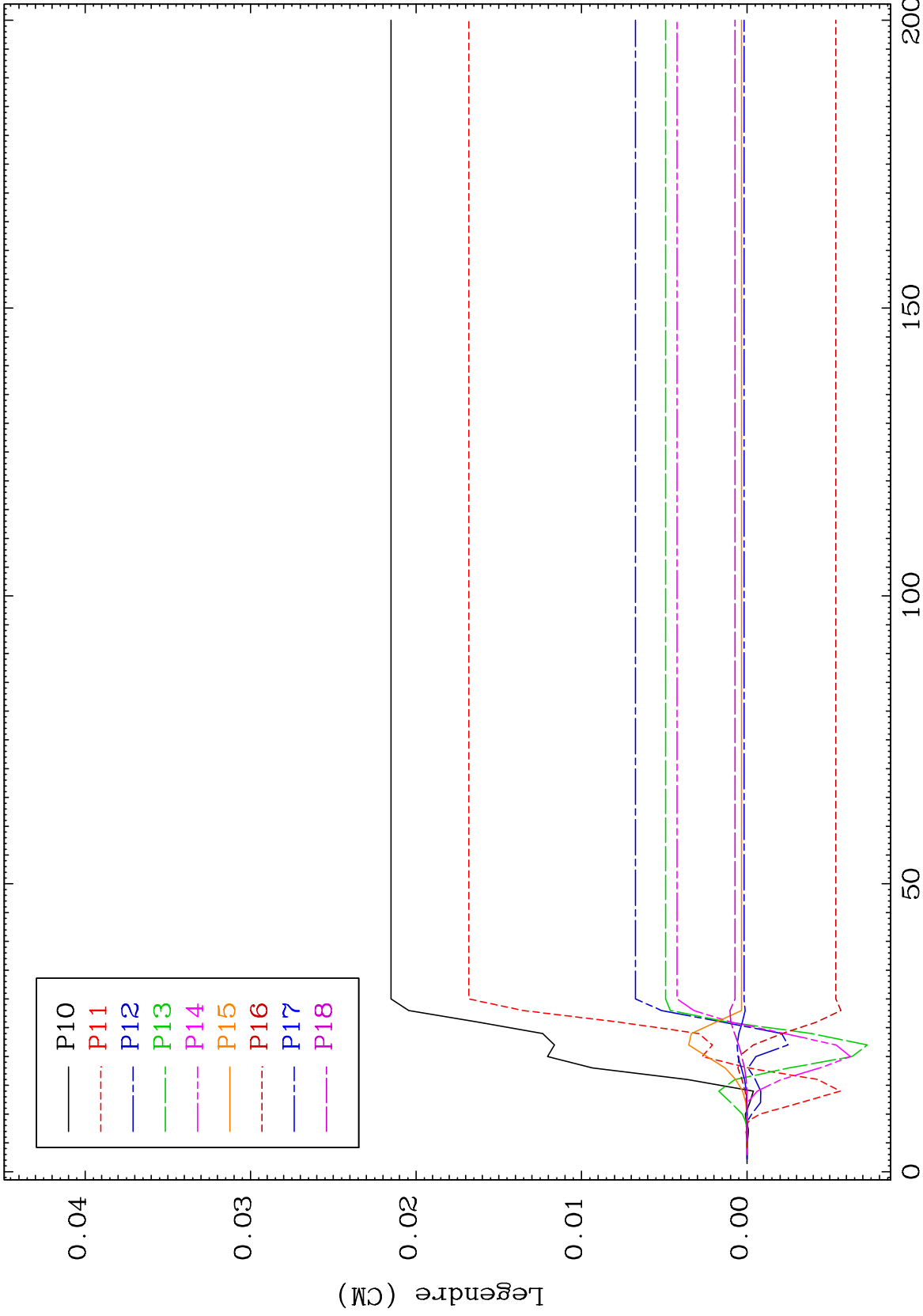
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



95

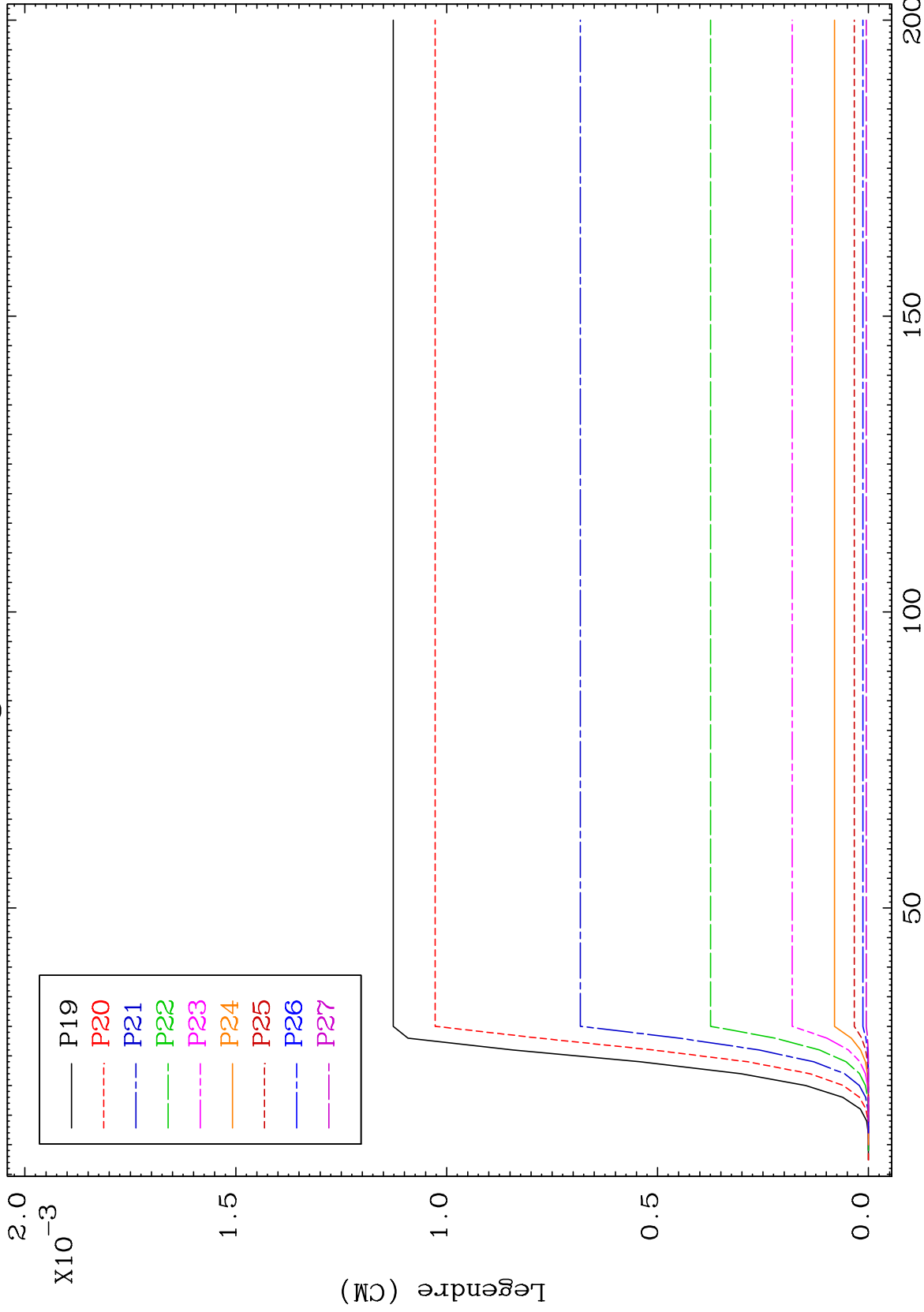
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



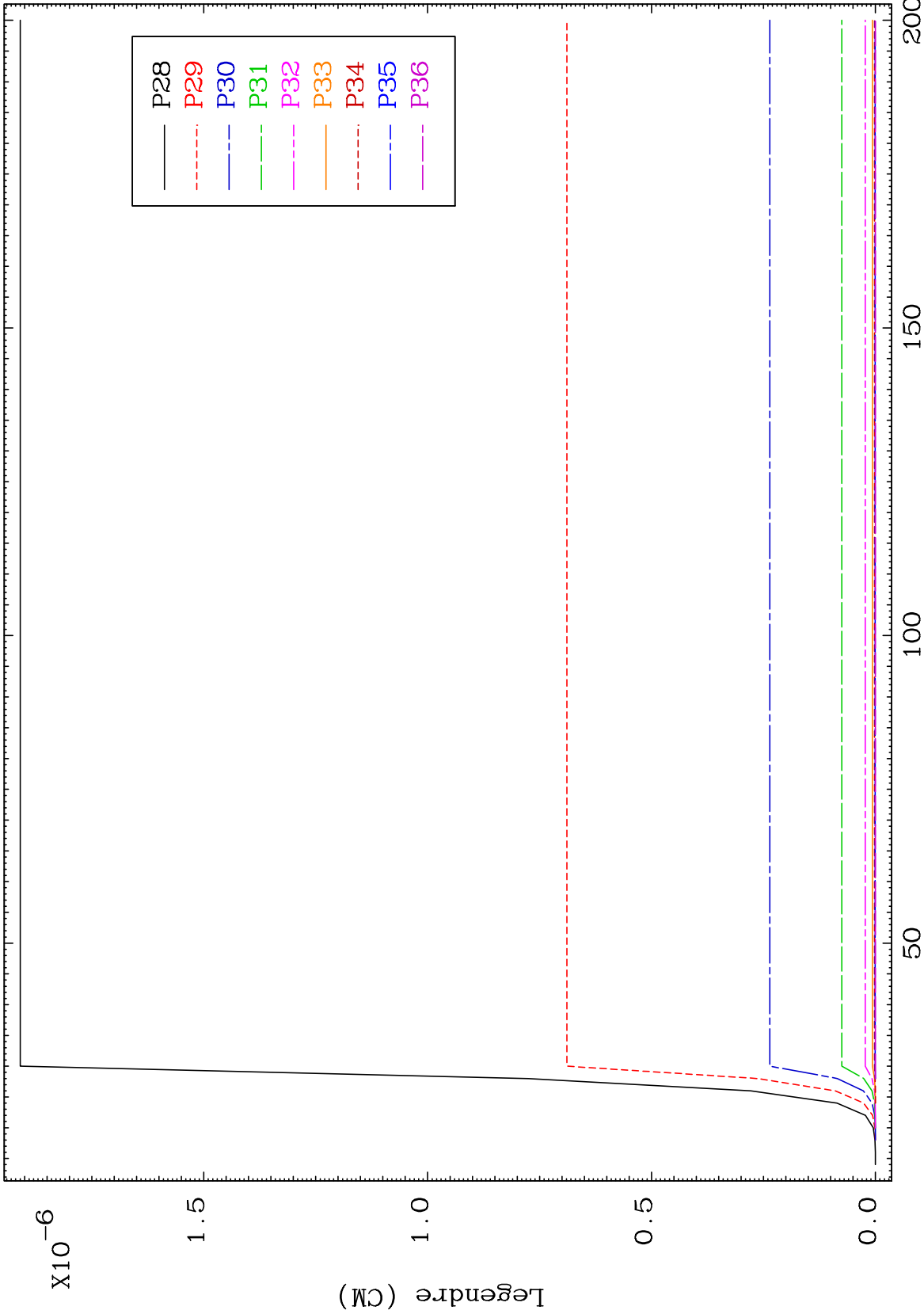
96

55-Cs-127

MAT 5507

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

55-Cs-127



97

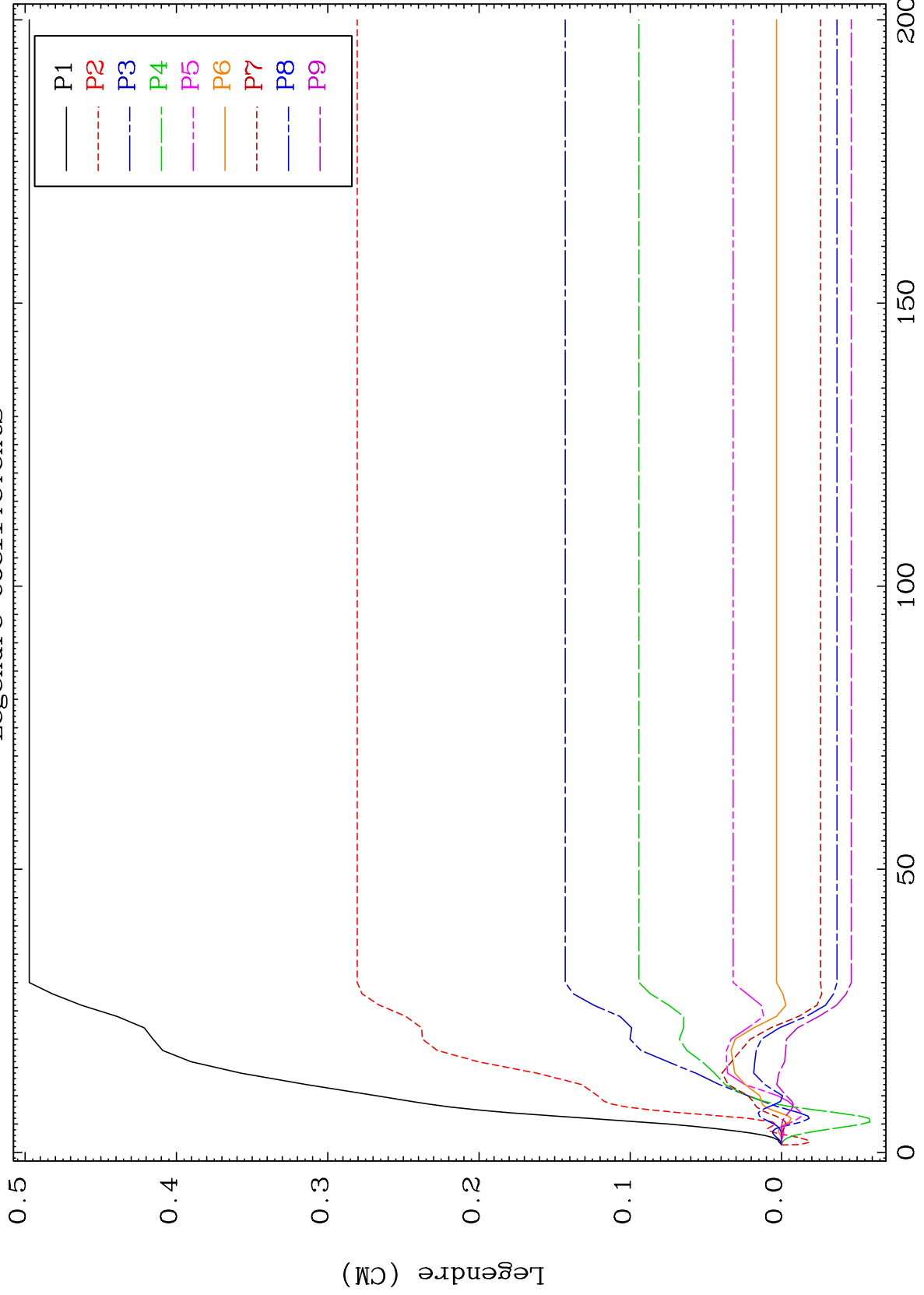
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



98

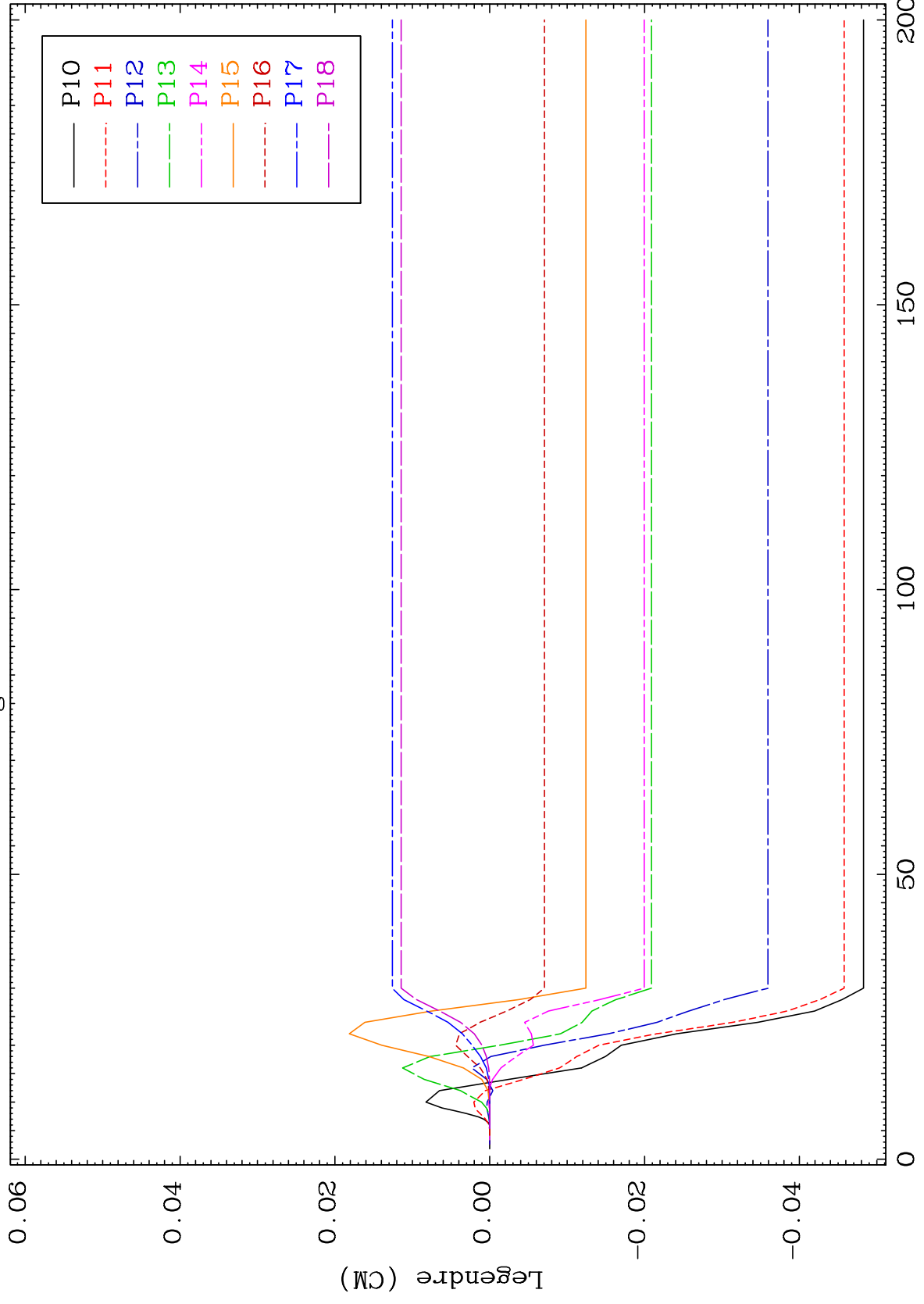
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



99

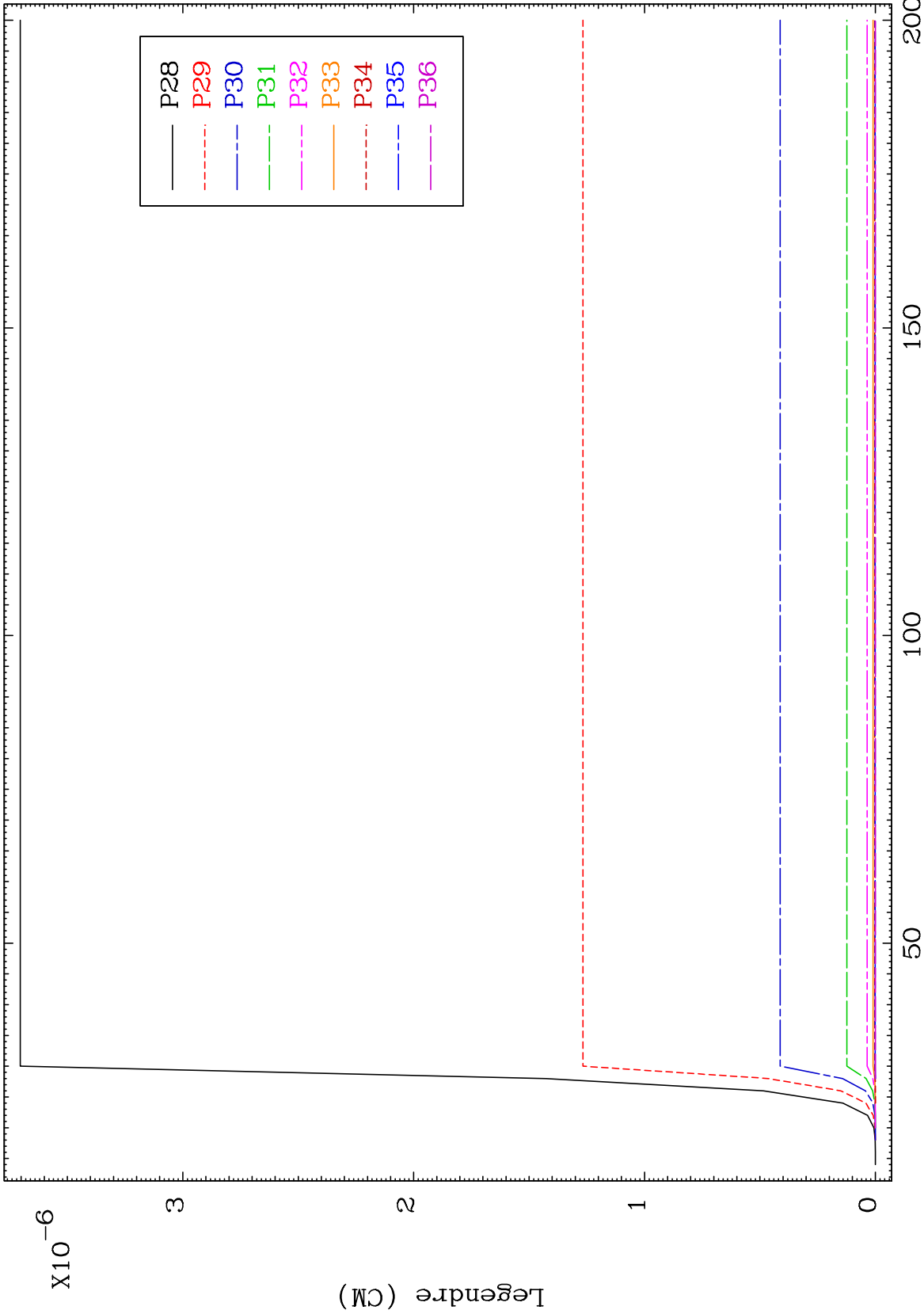
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



101

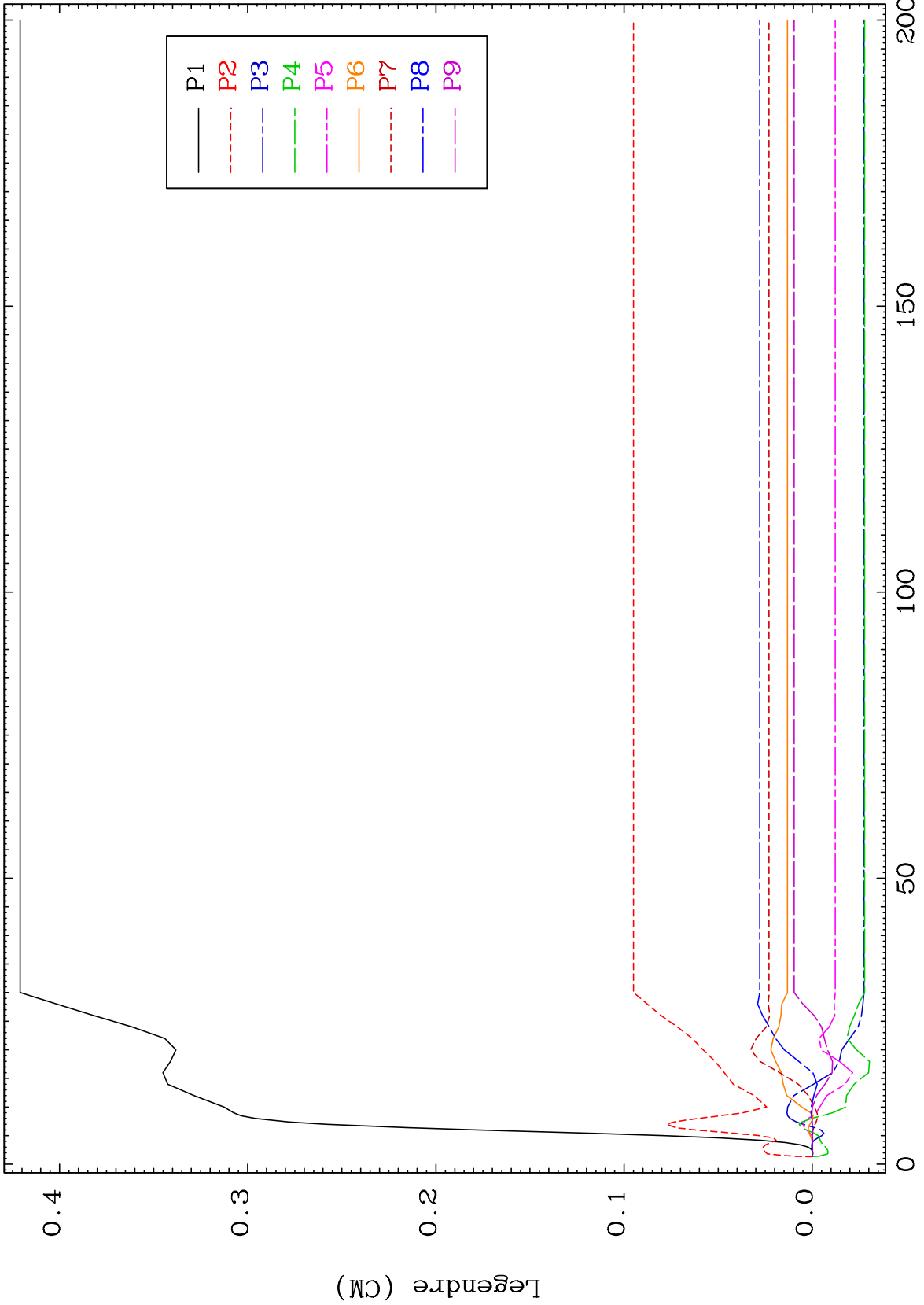
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



102

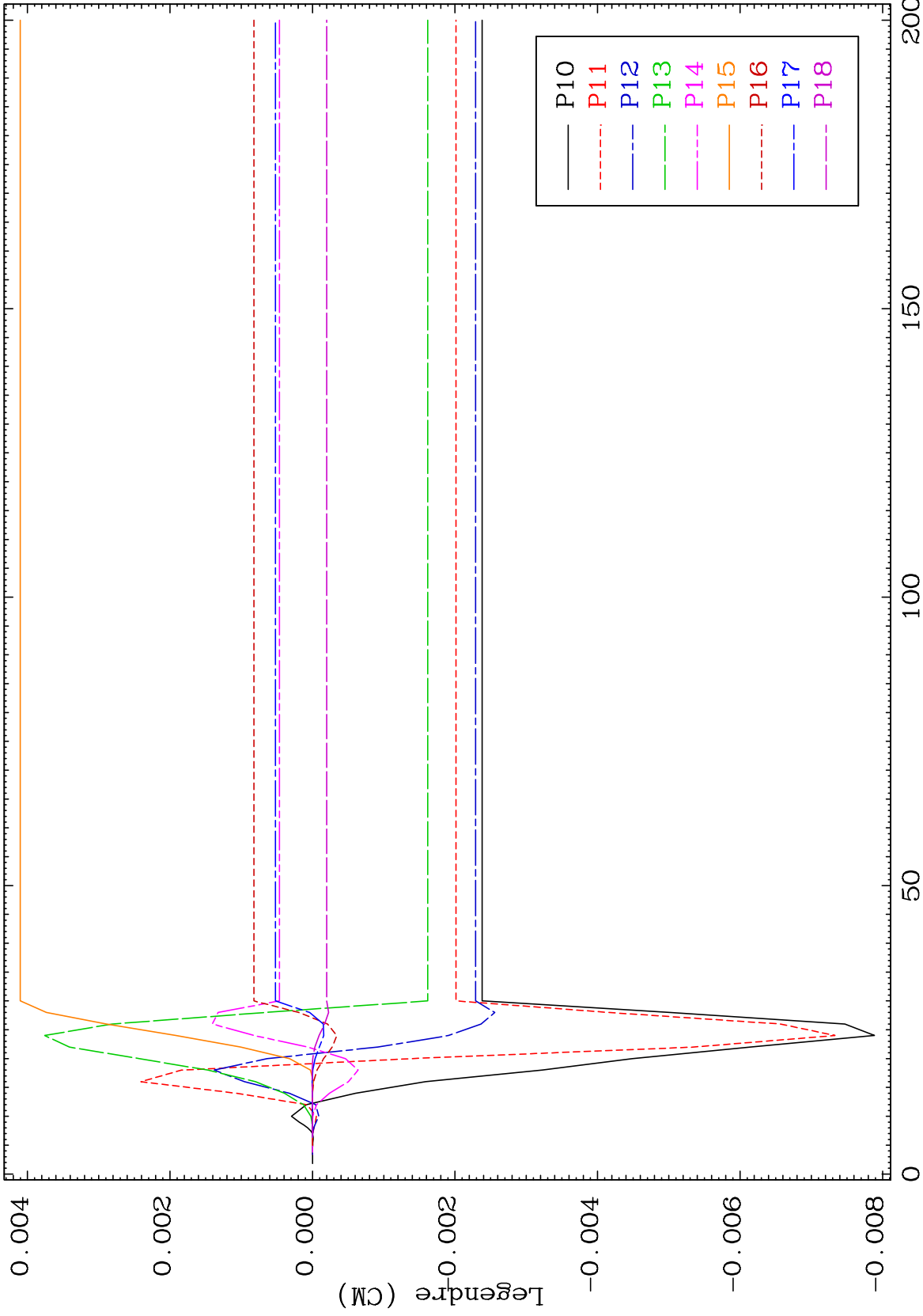
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



103

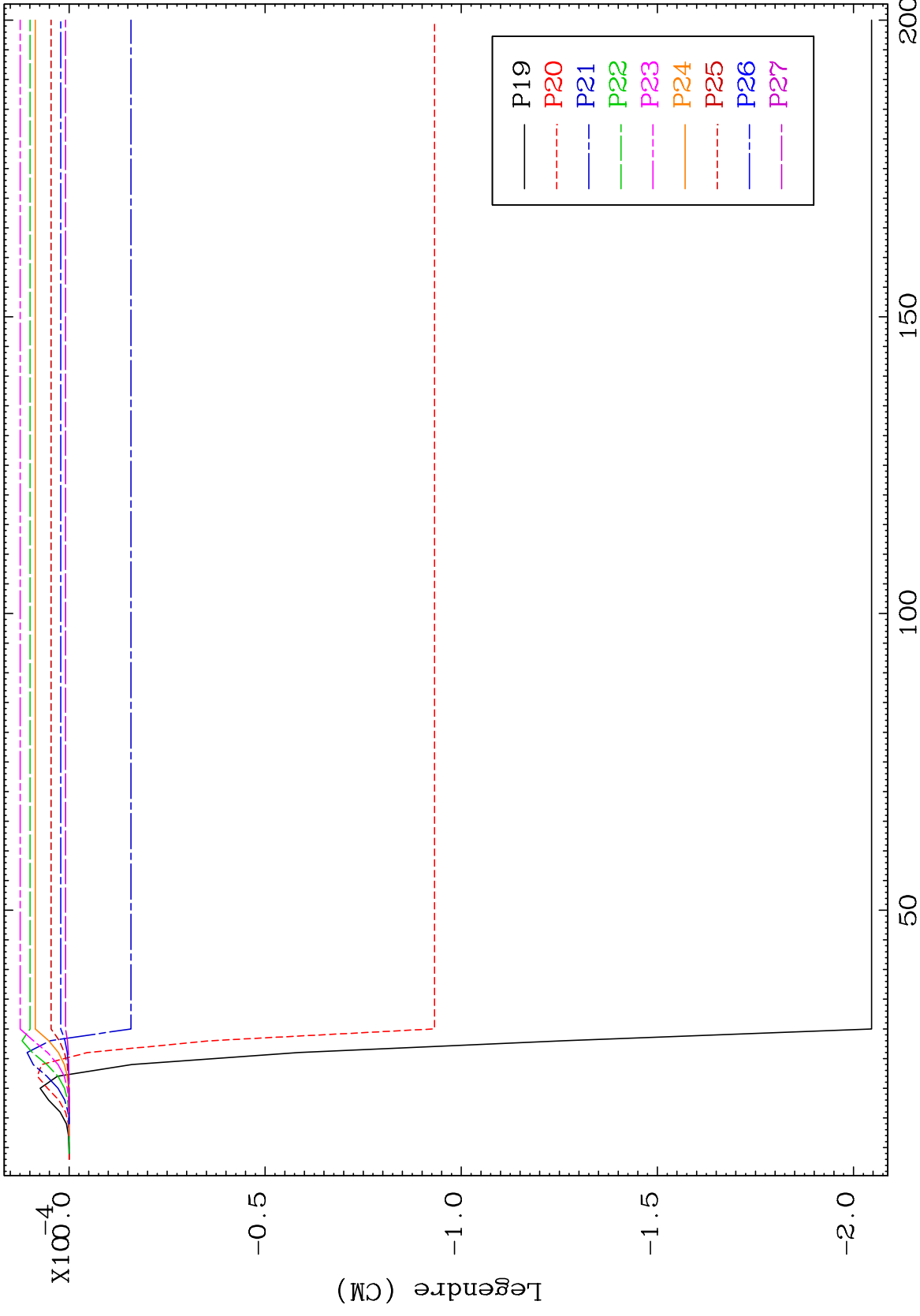
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



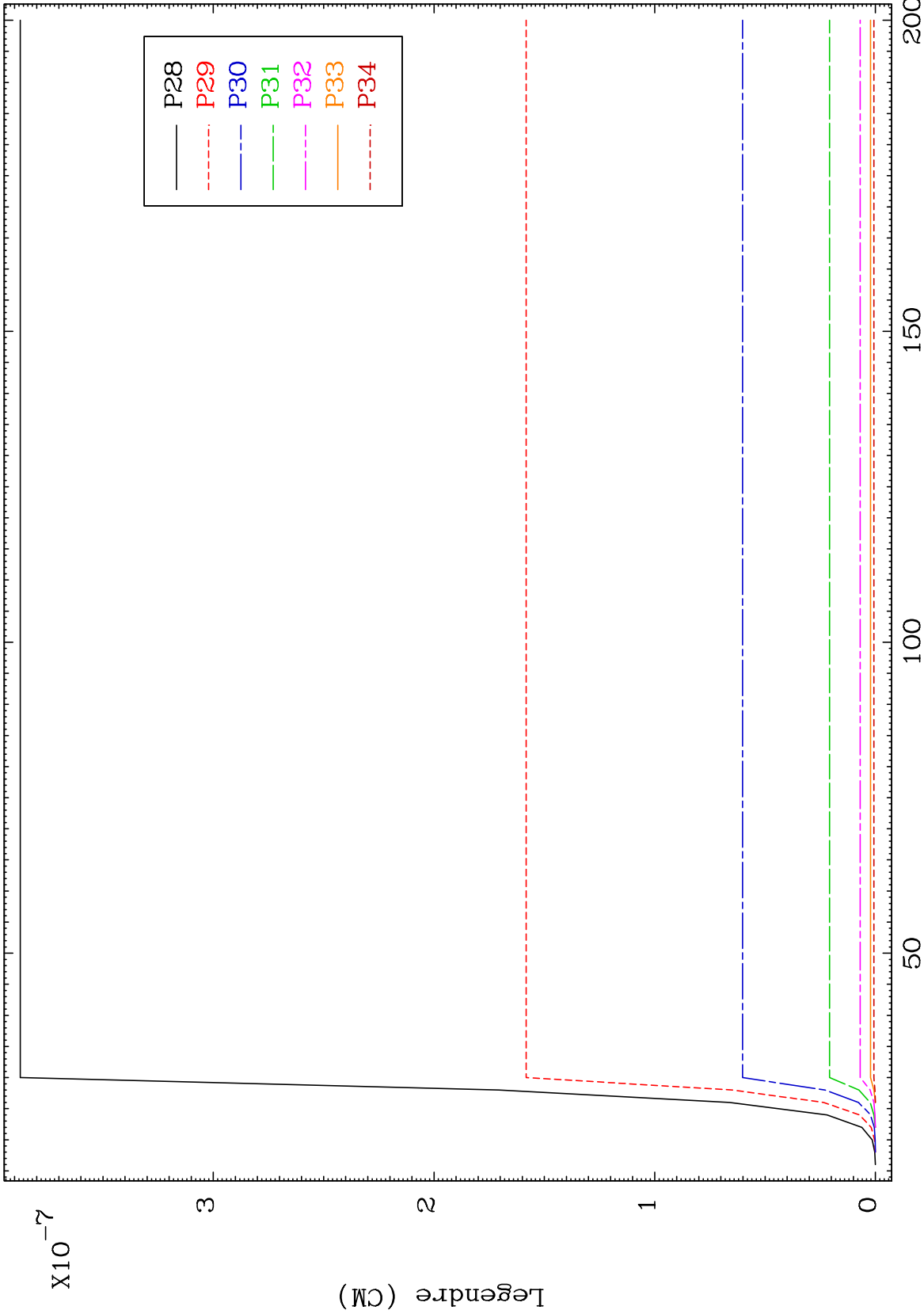
55-Cs-127

104

MAT 5507

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

55-Cs-127



105

50

100

150

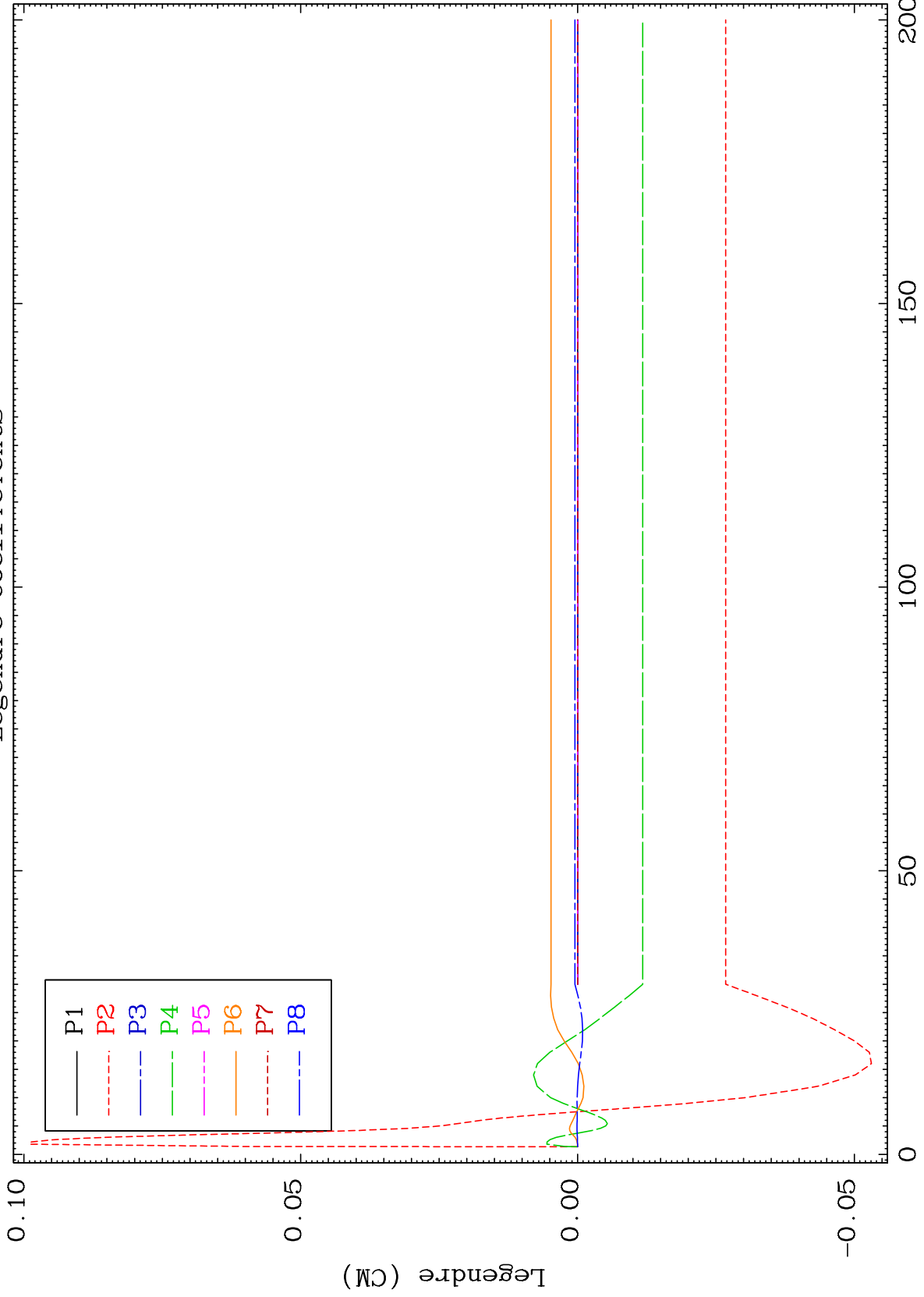
200

55-Cs-127

MAT 5507

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

55-Cs-127



106

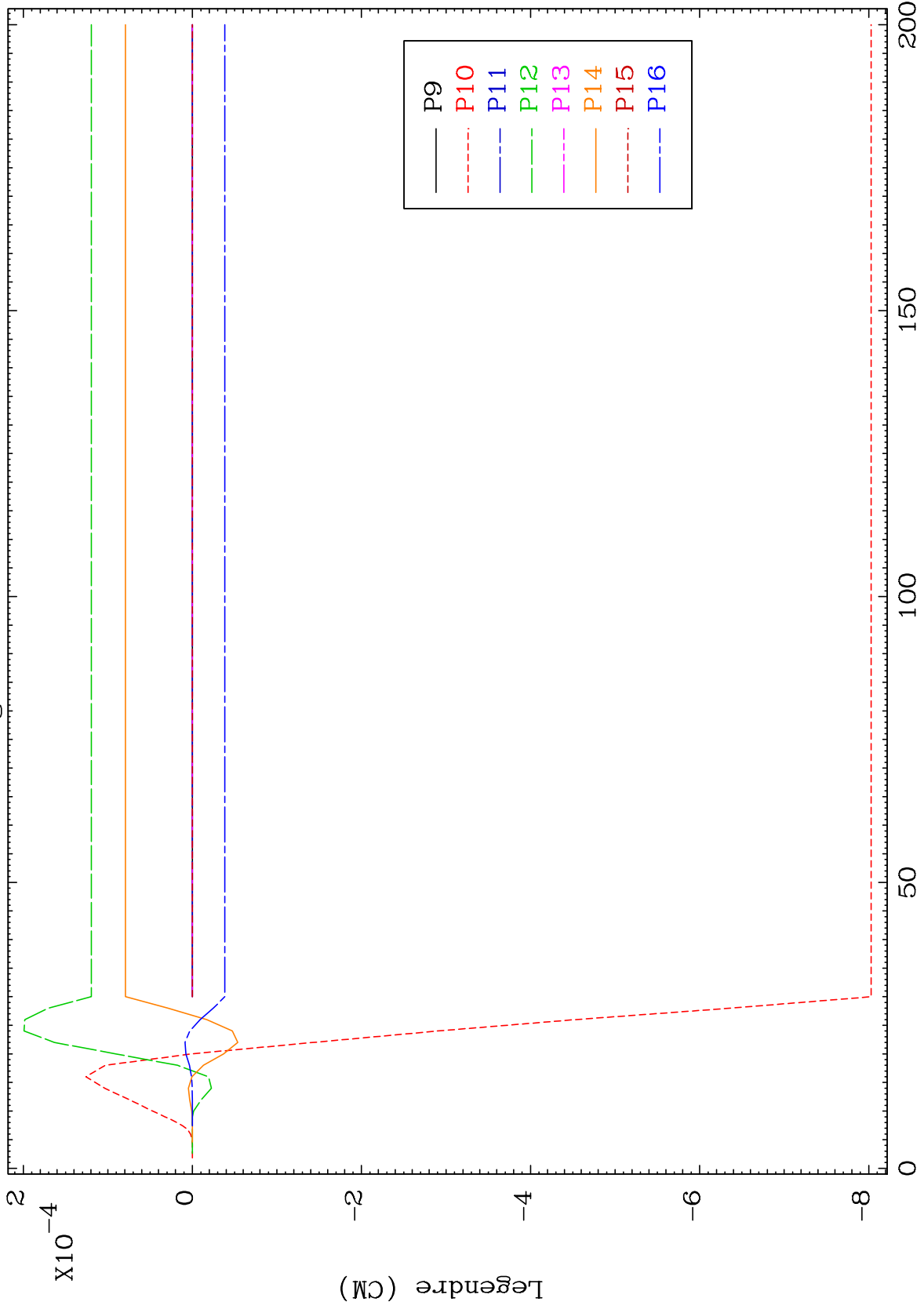
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



107

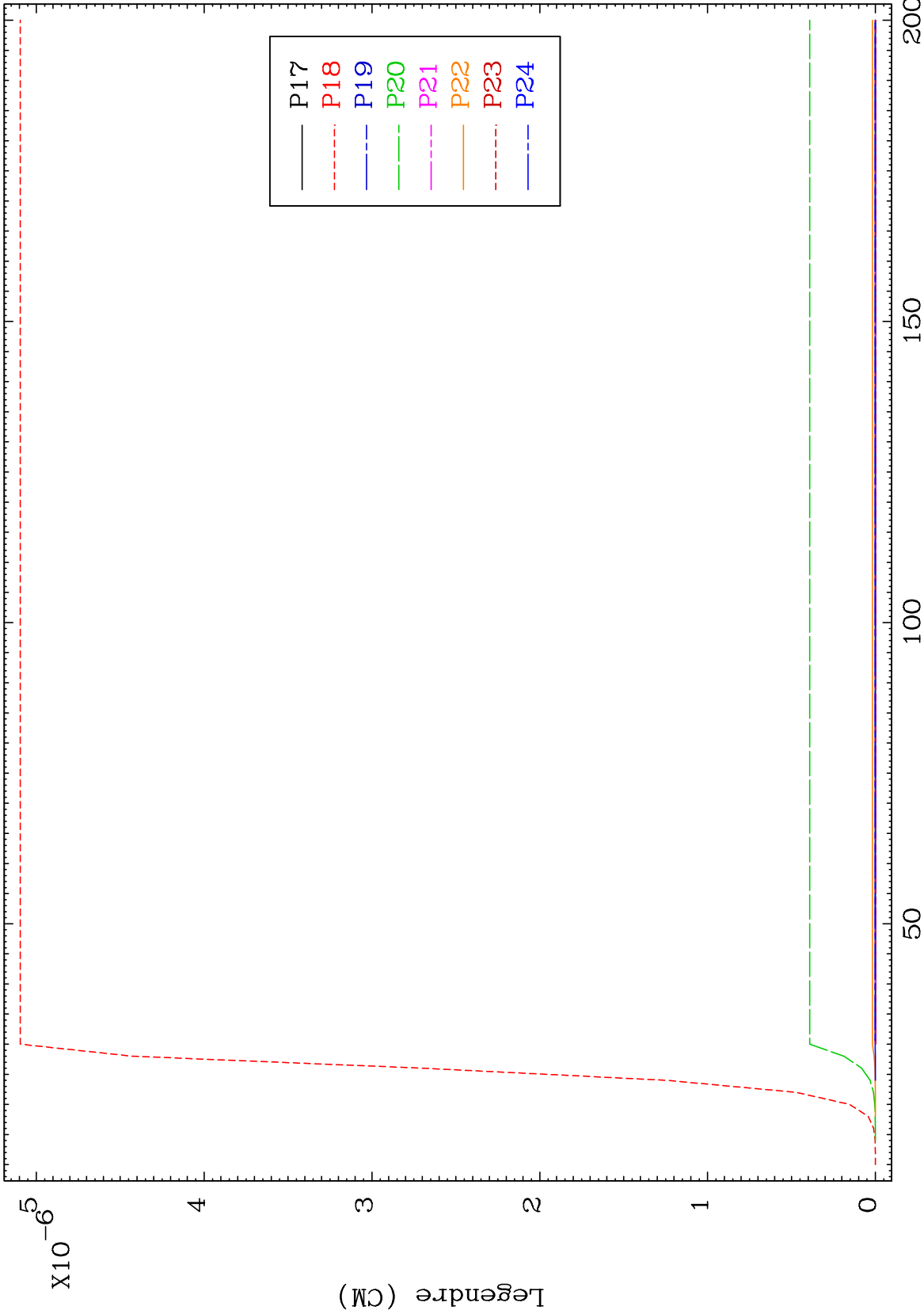
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



108

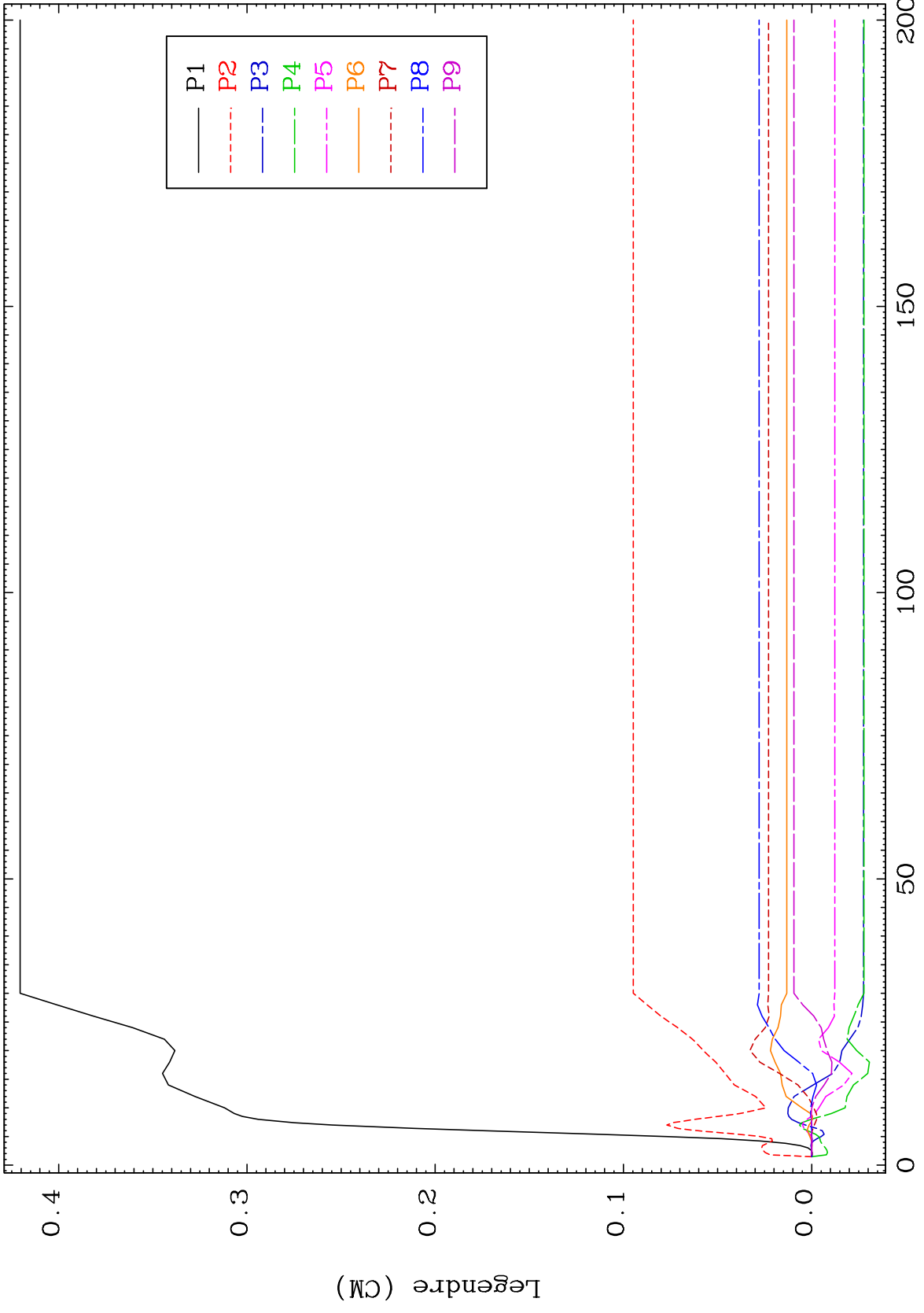
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127

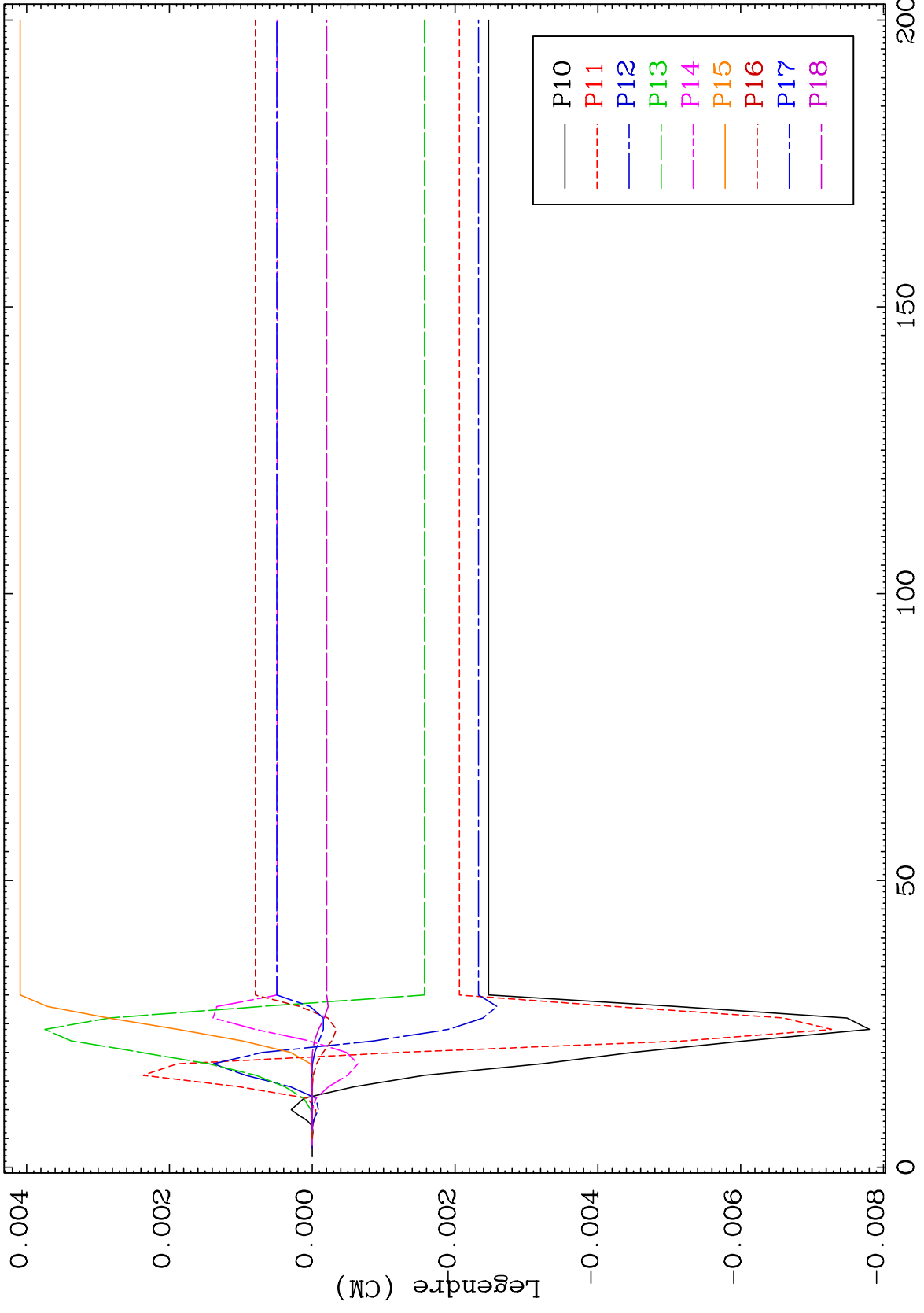


109

Incident Energy (MeV)

55-Cs-127

MAT 5507 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-127

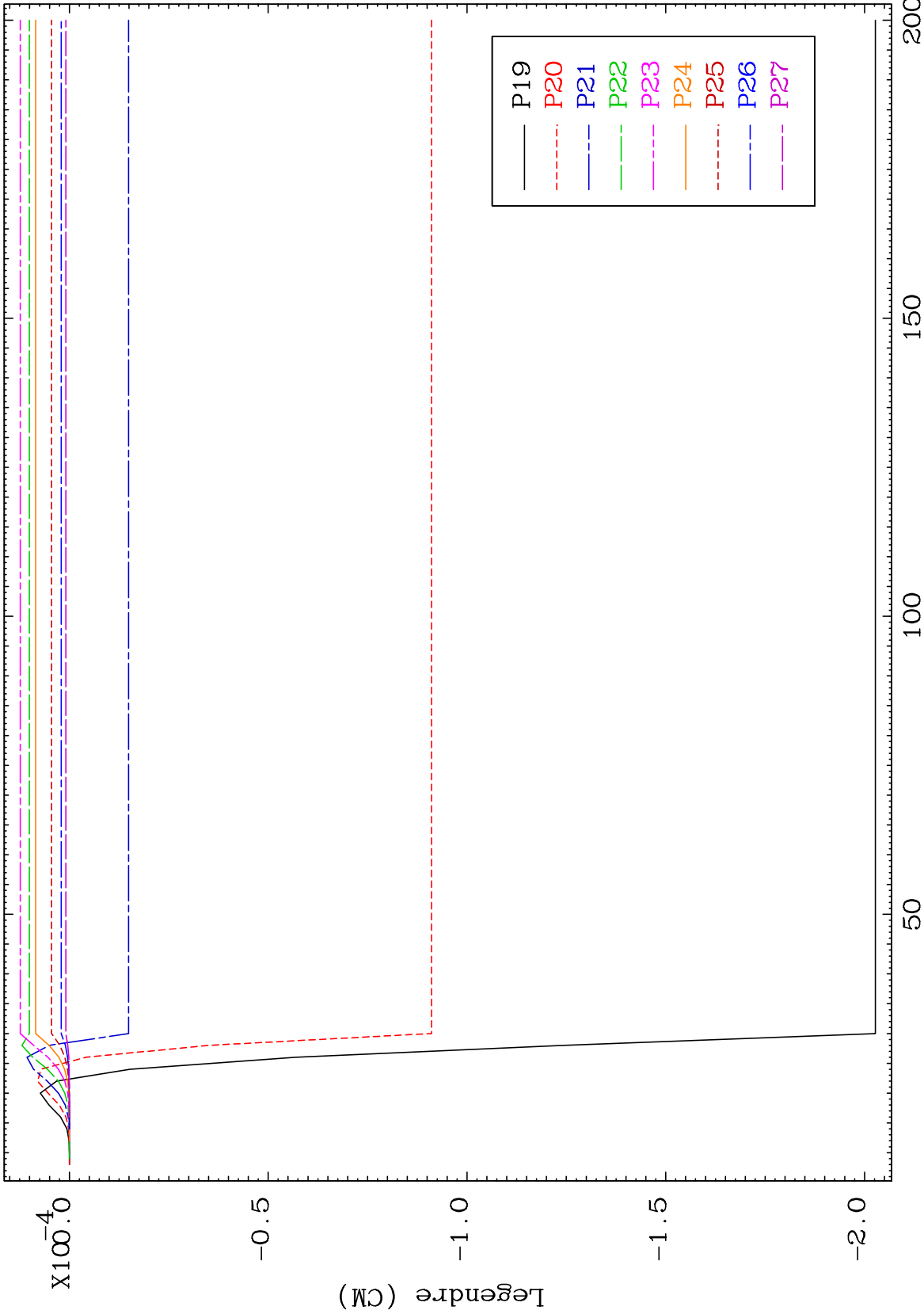


110 Incident Energy (MeV) 55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

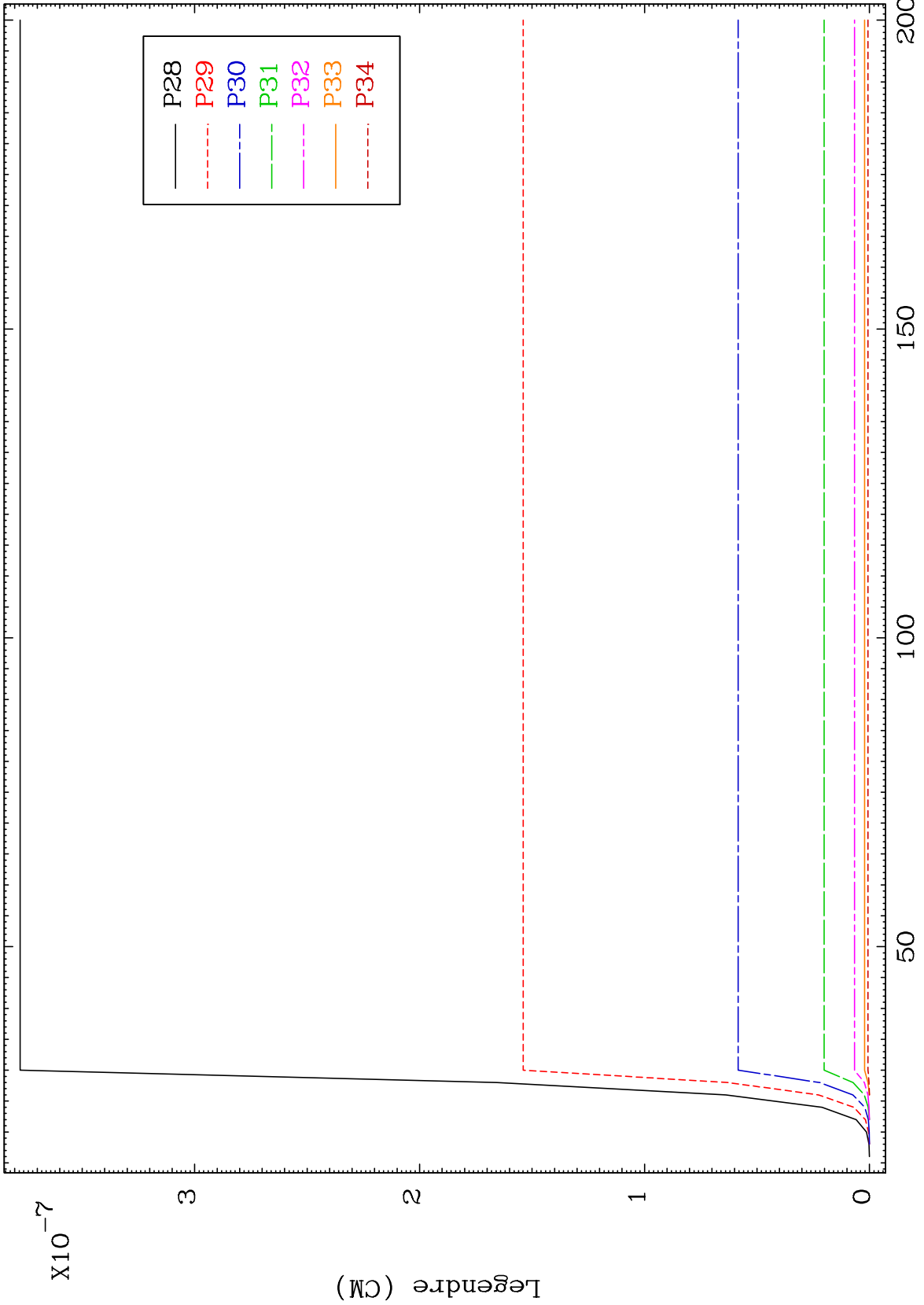
Incident Energy (MeV)

111

MAT 5507

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

55-Cs-127



112

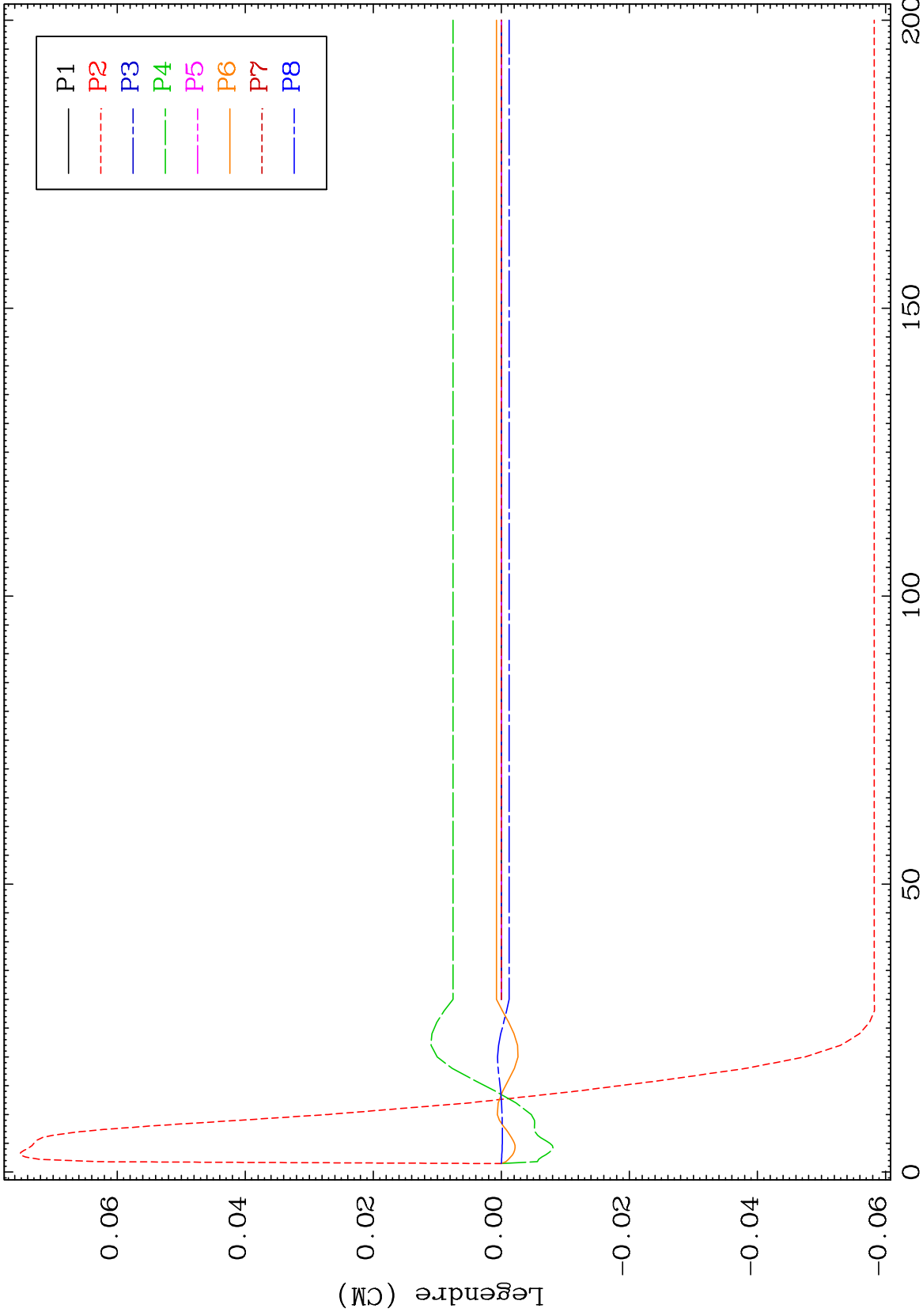
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



113

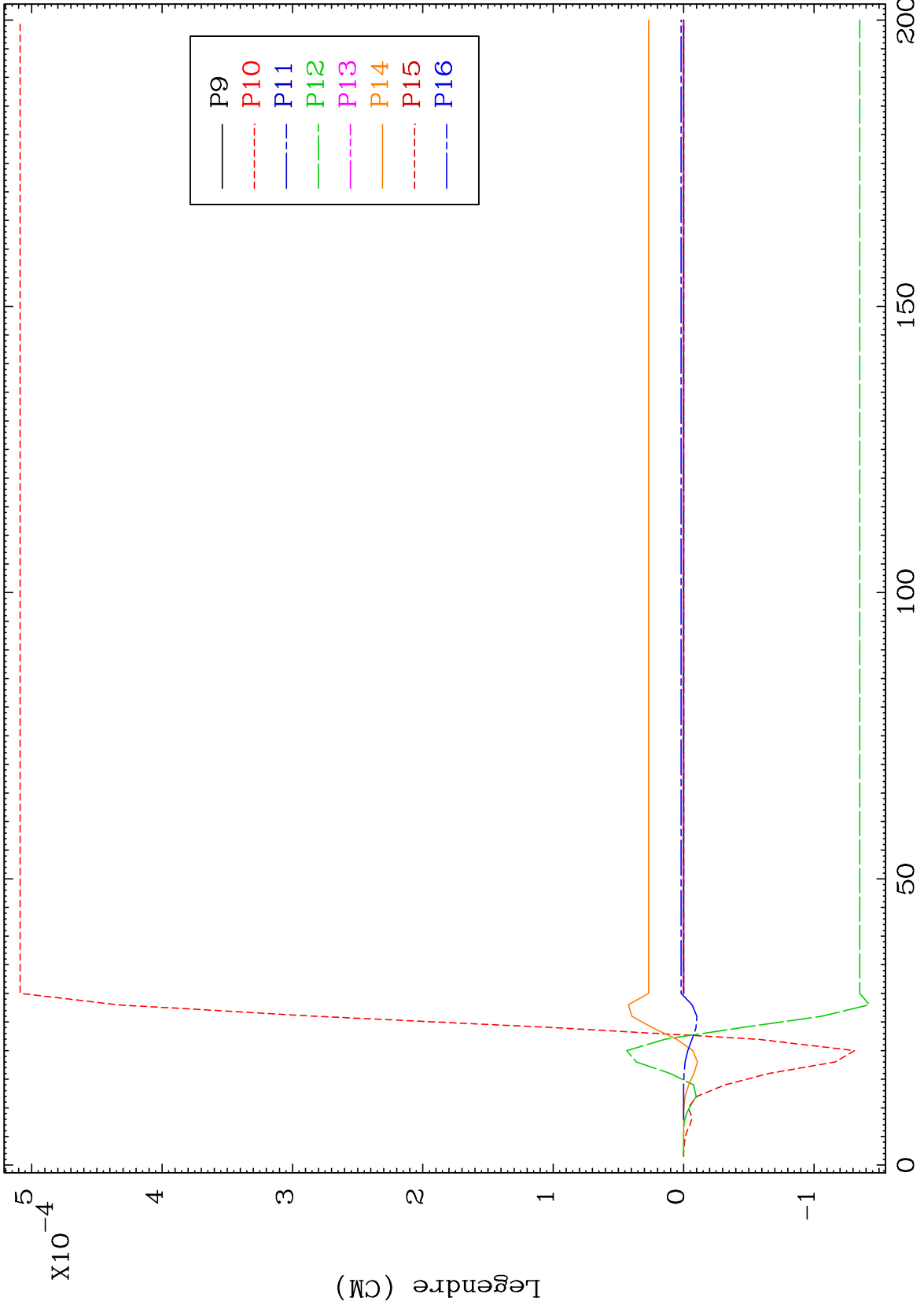
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127

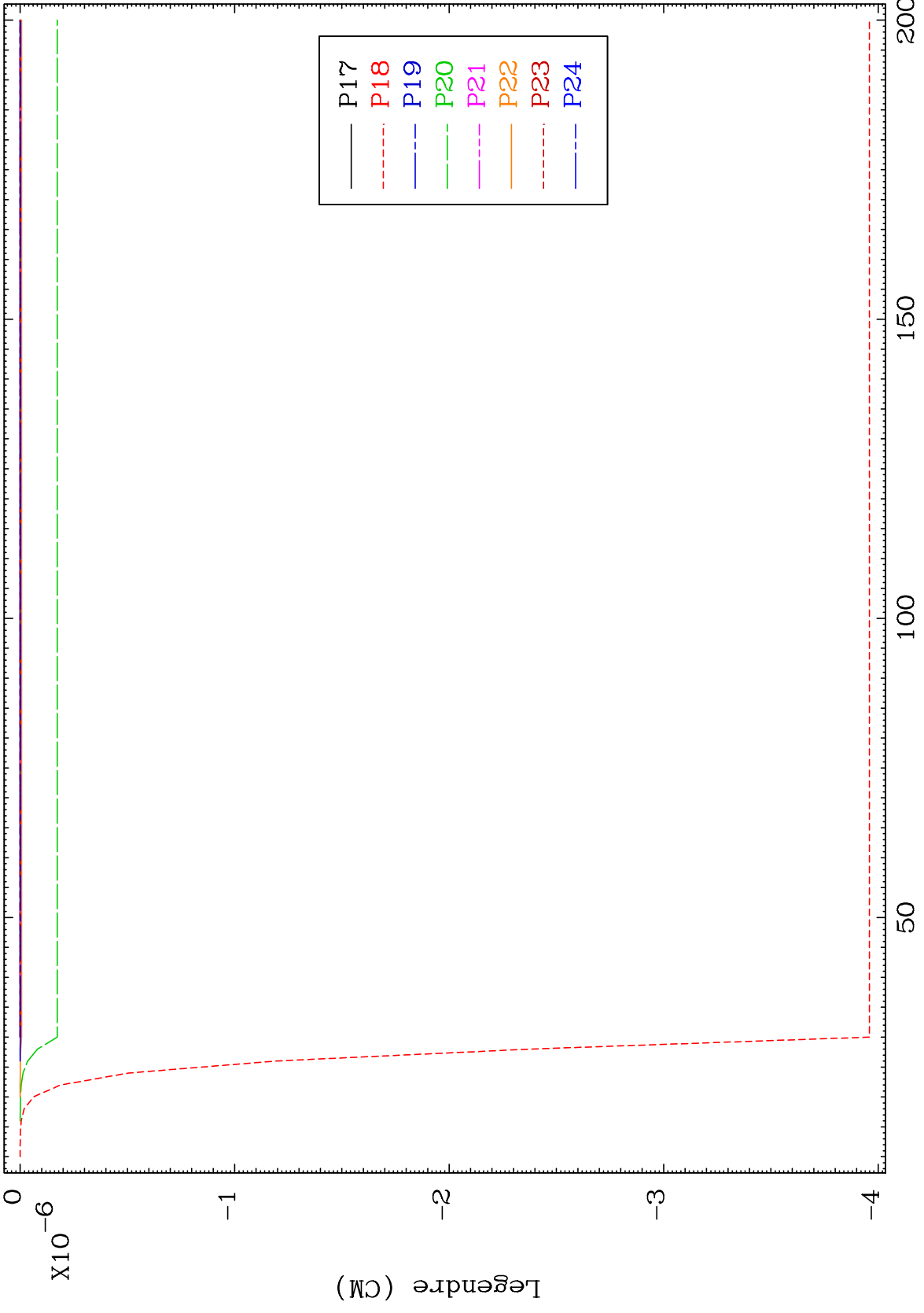


114

Incident Energy (MeV)

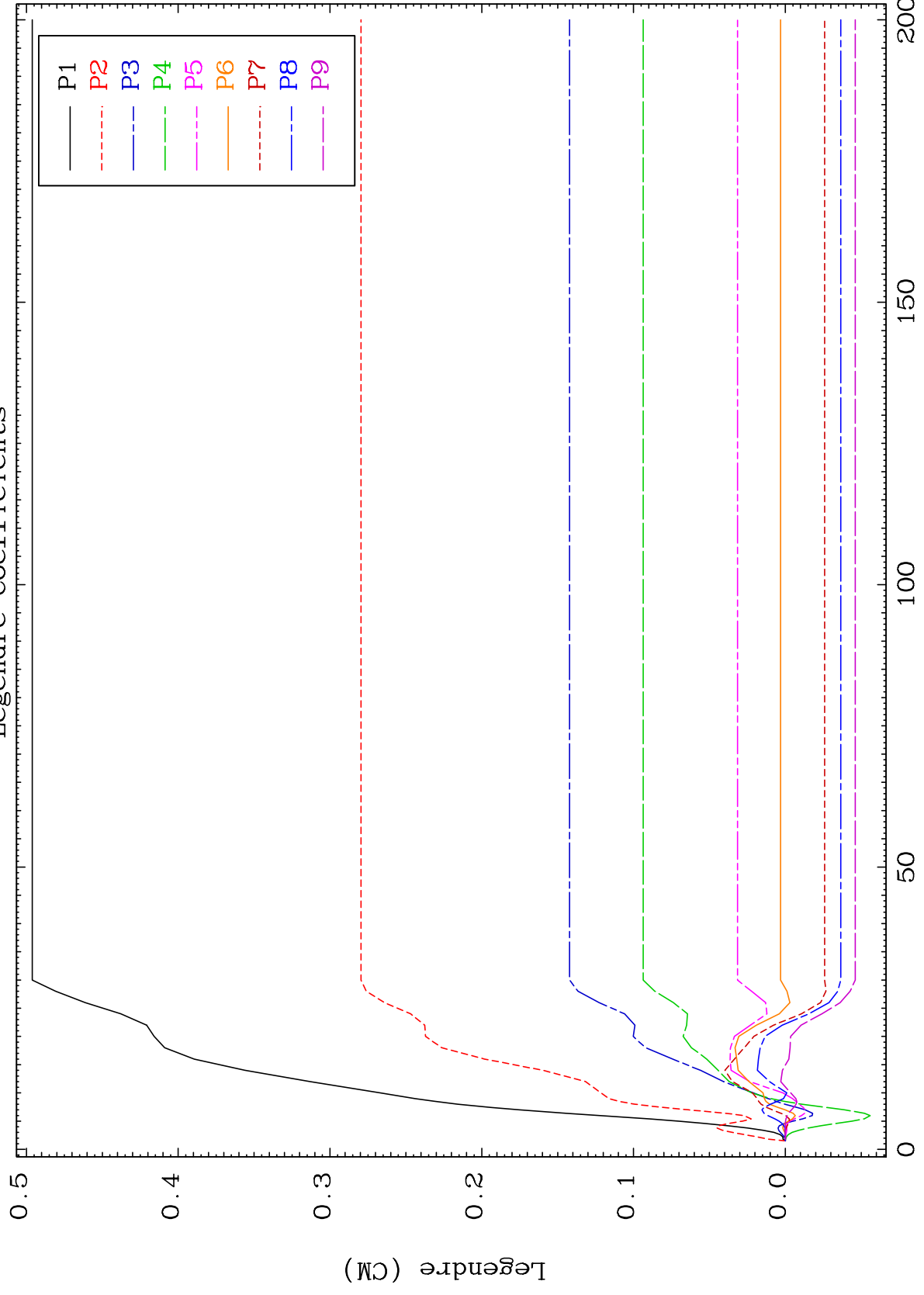
55-Cs-127

MAT 5507 MT= 76 (n,n') Level Legendre Coefficients 55-Cs-127



115 Incident Energy (MeV) 55-Cs-127

MAT 5507 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-127

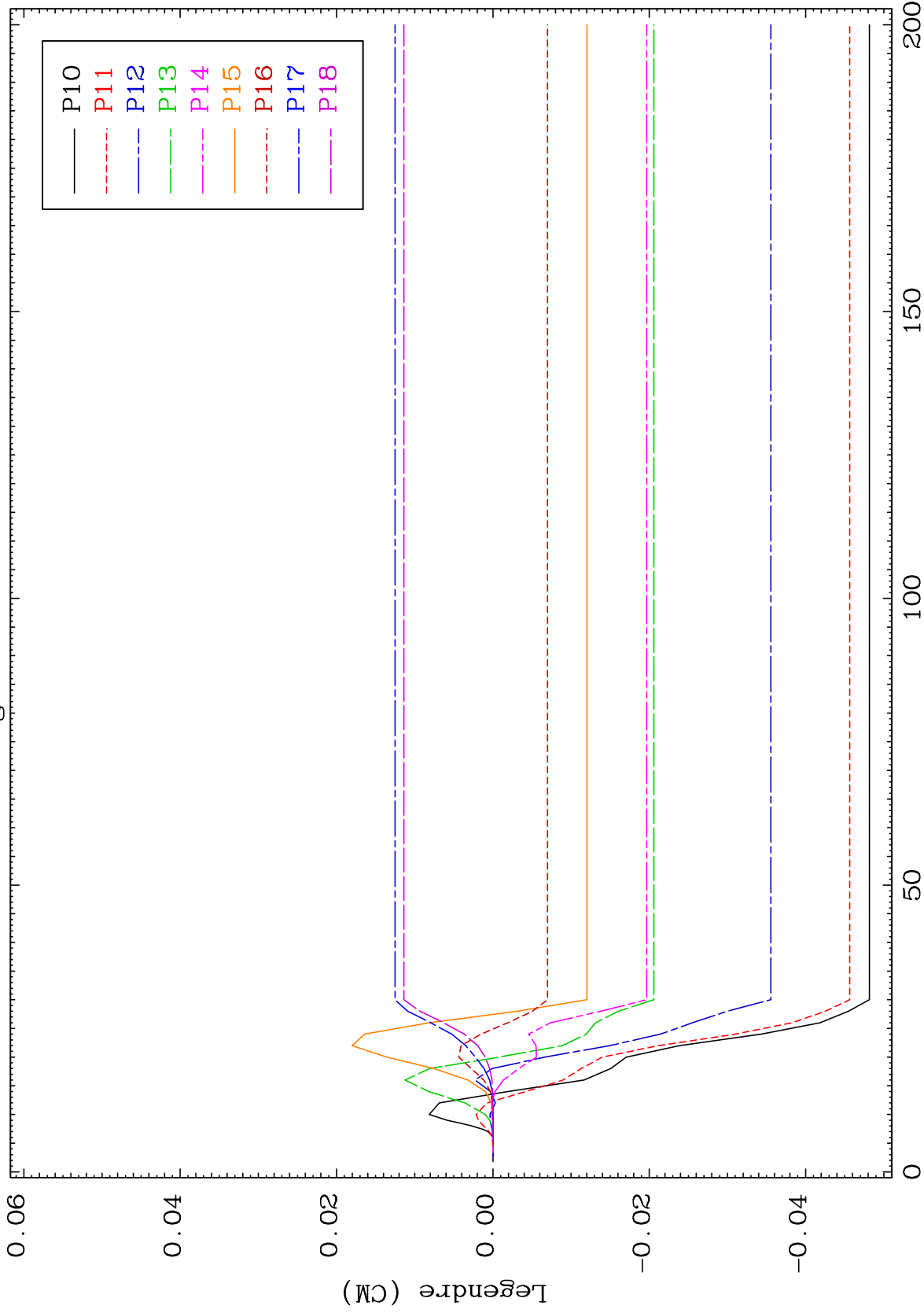


116 55-Cs-127

MAT 5507

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

55-Cs-127

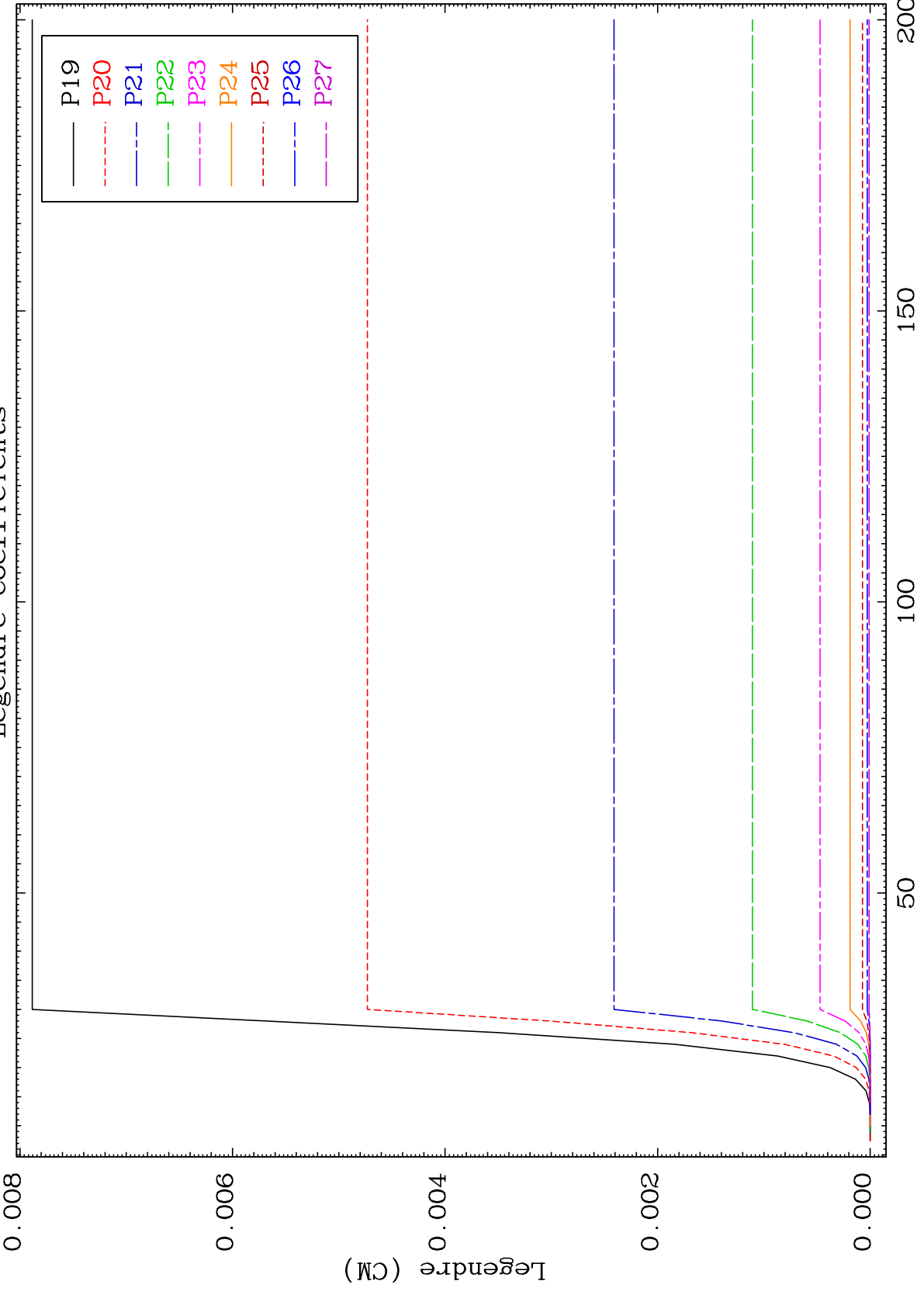


117

Incident Energy (MeV)

55-Cs-127

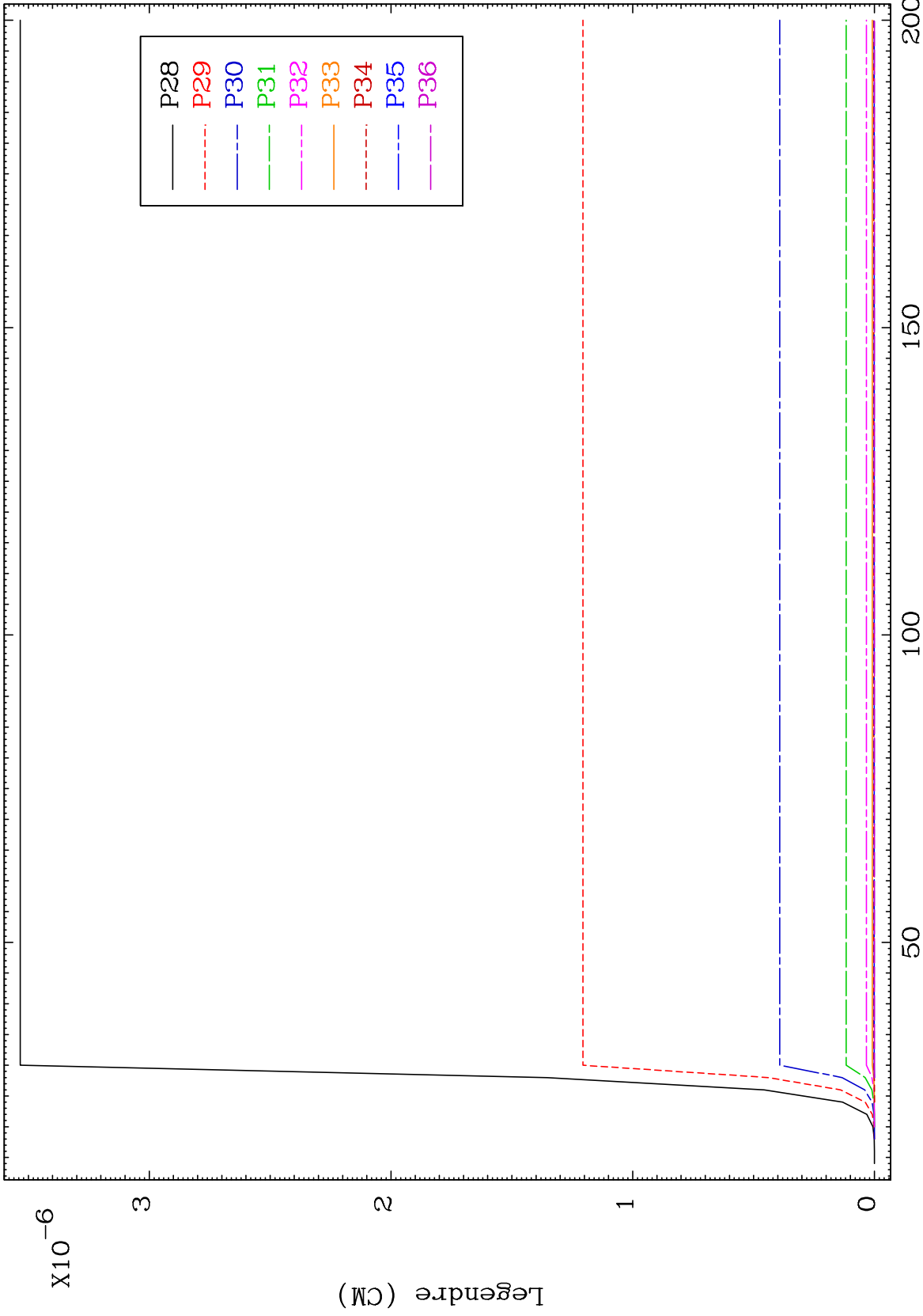
MAT 5507 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-127



MAT 5507

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

55-Cs-127



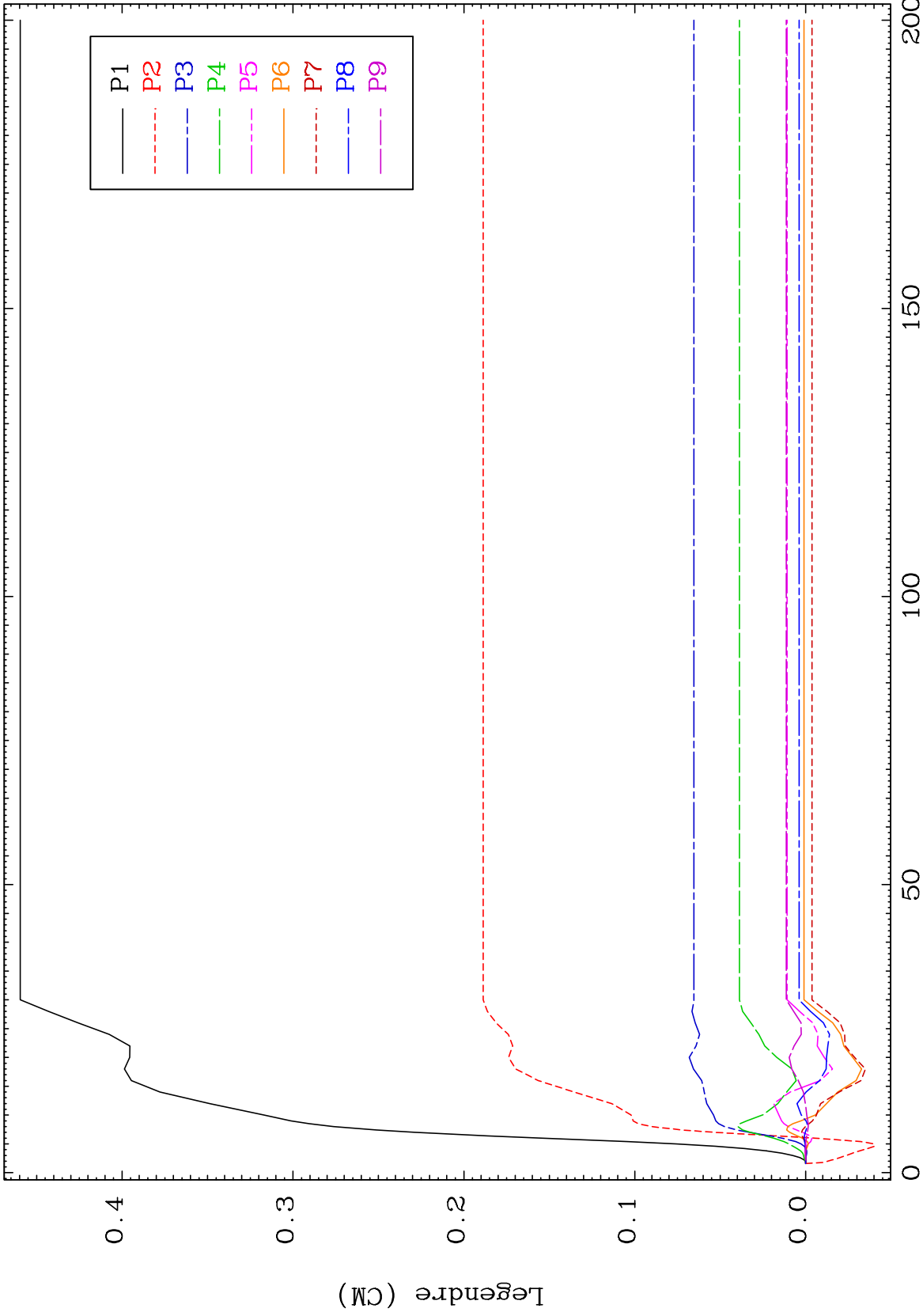
119

55-Cs-127

MAT 5507

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

55-Cs-127



55-Cs-127

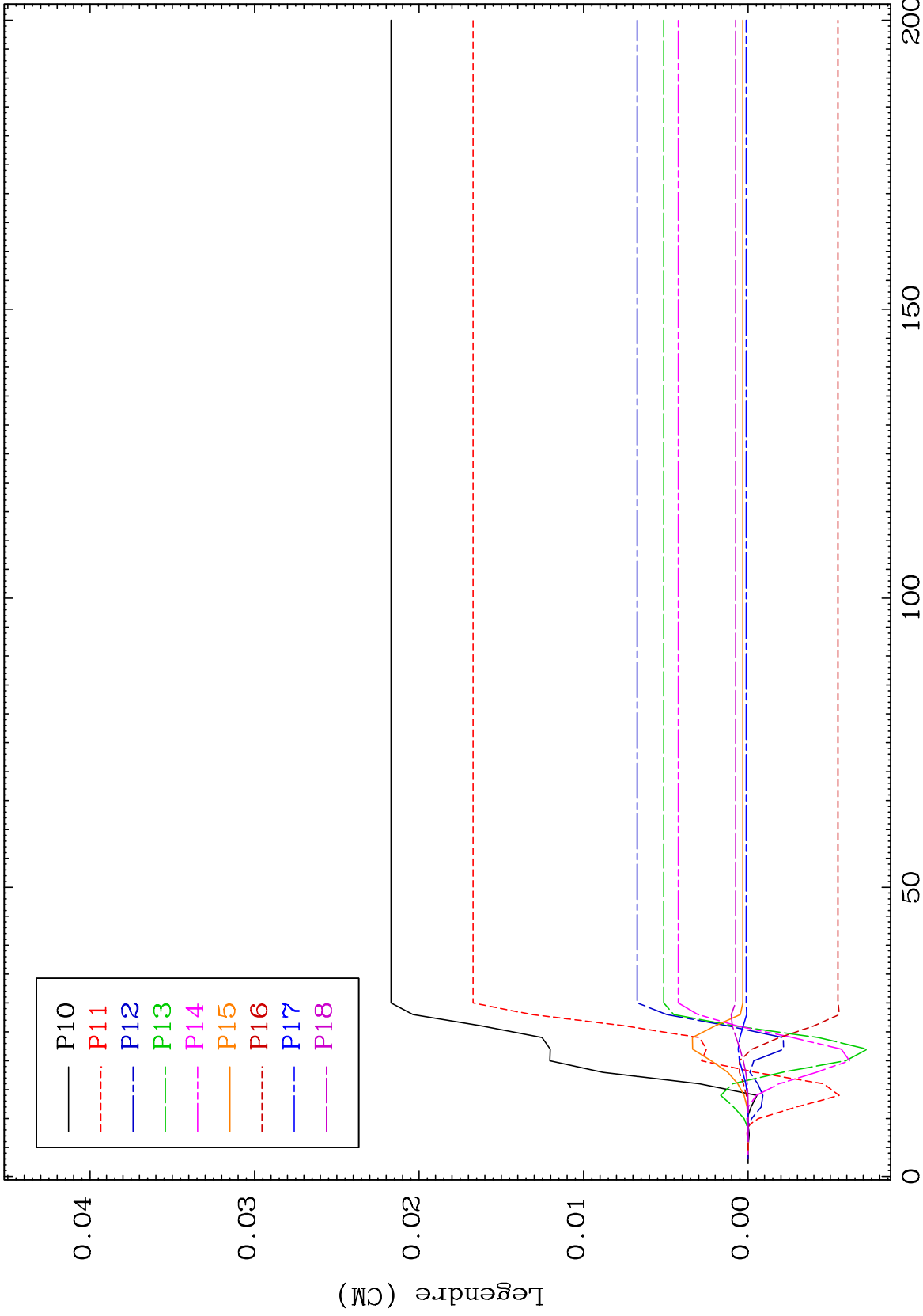
Incident Energy (MeV)

120

MAT 5507

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

55-Cs-127



121

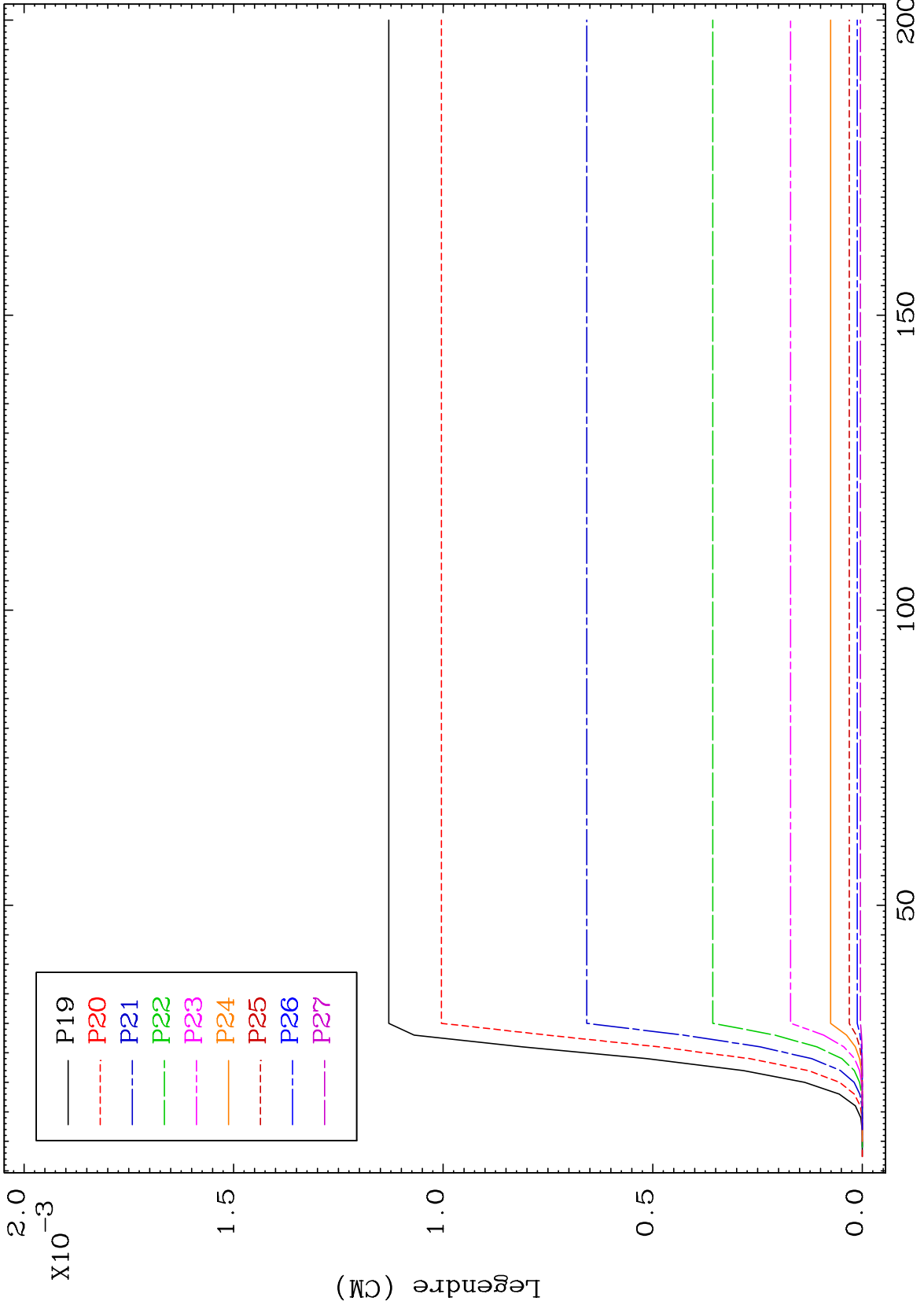
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



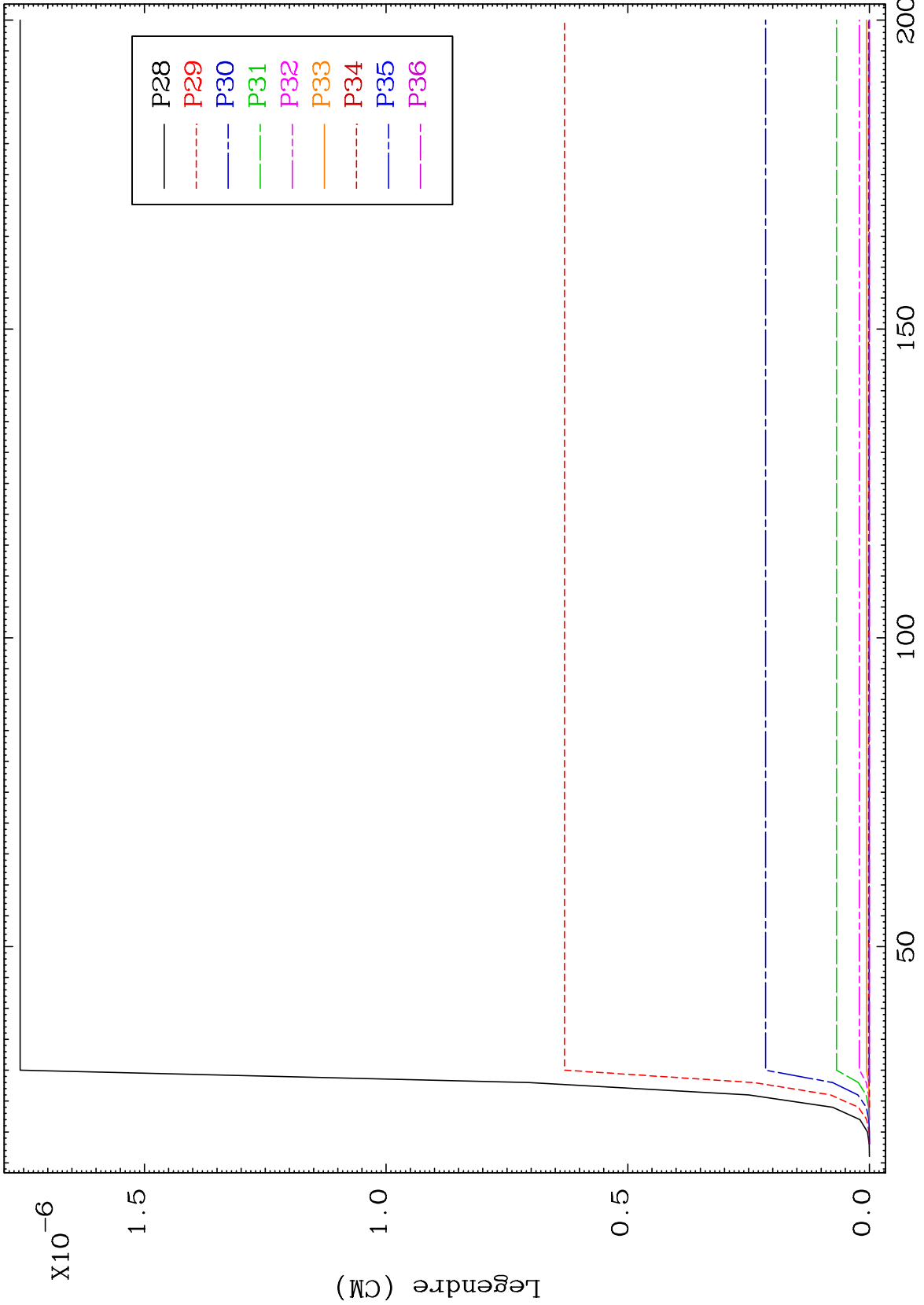
122

55-Cs-127

MAT 5507

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

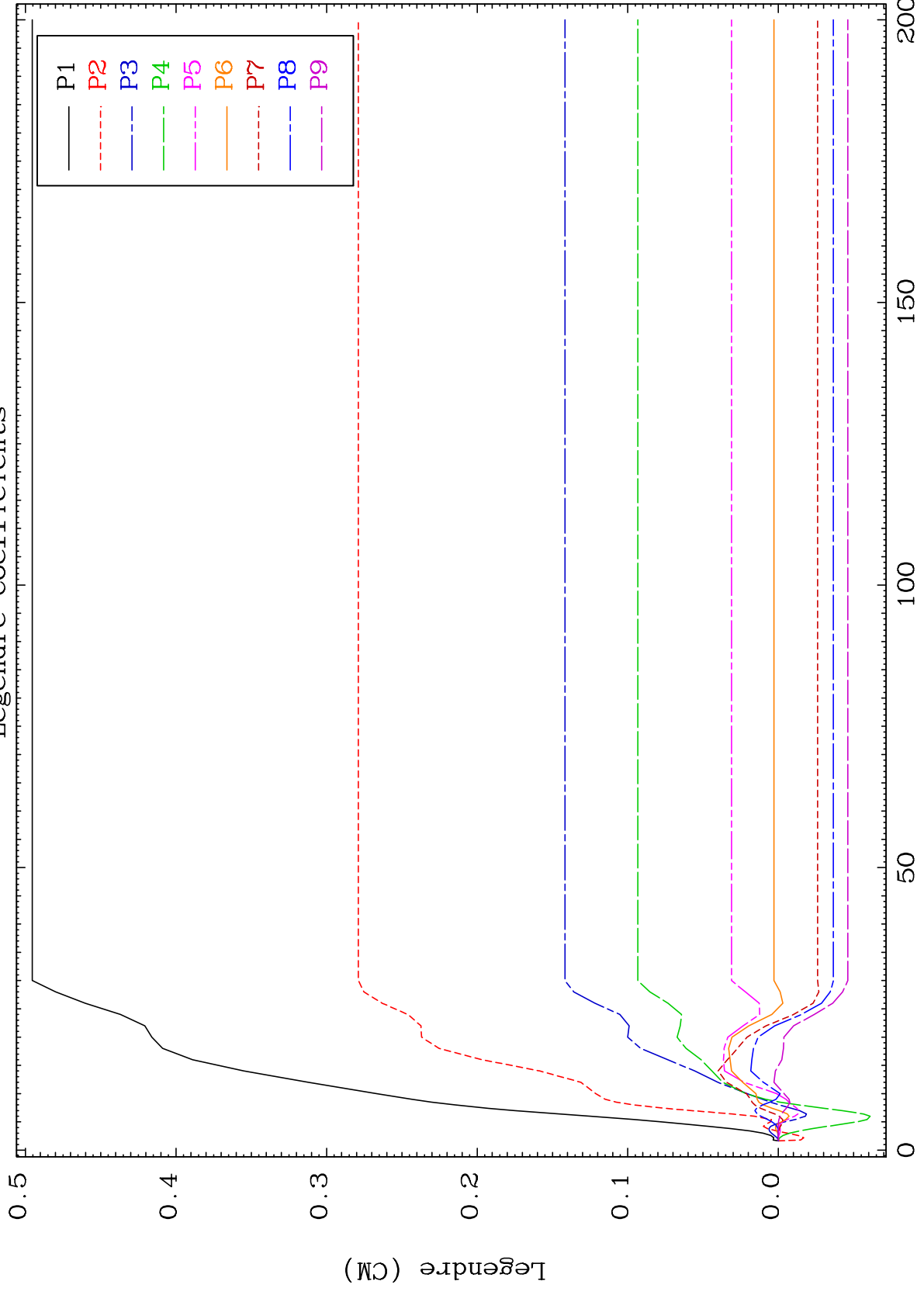
55-Cs-127



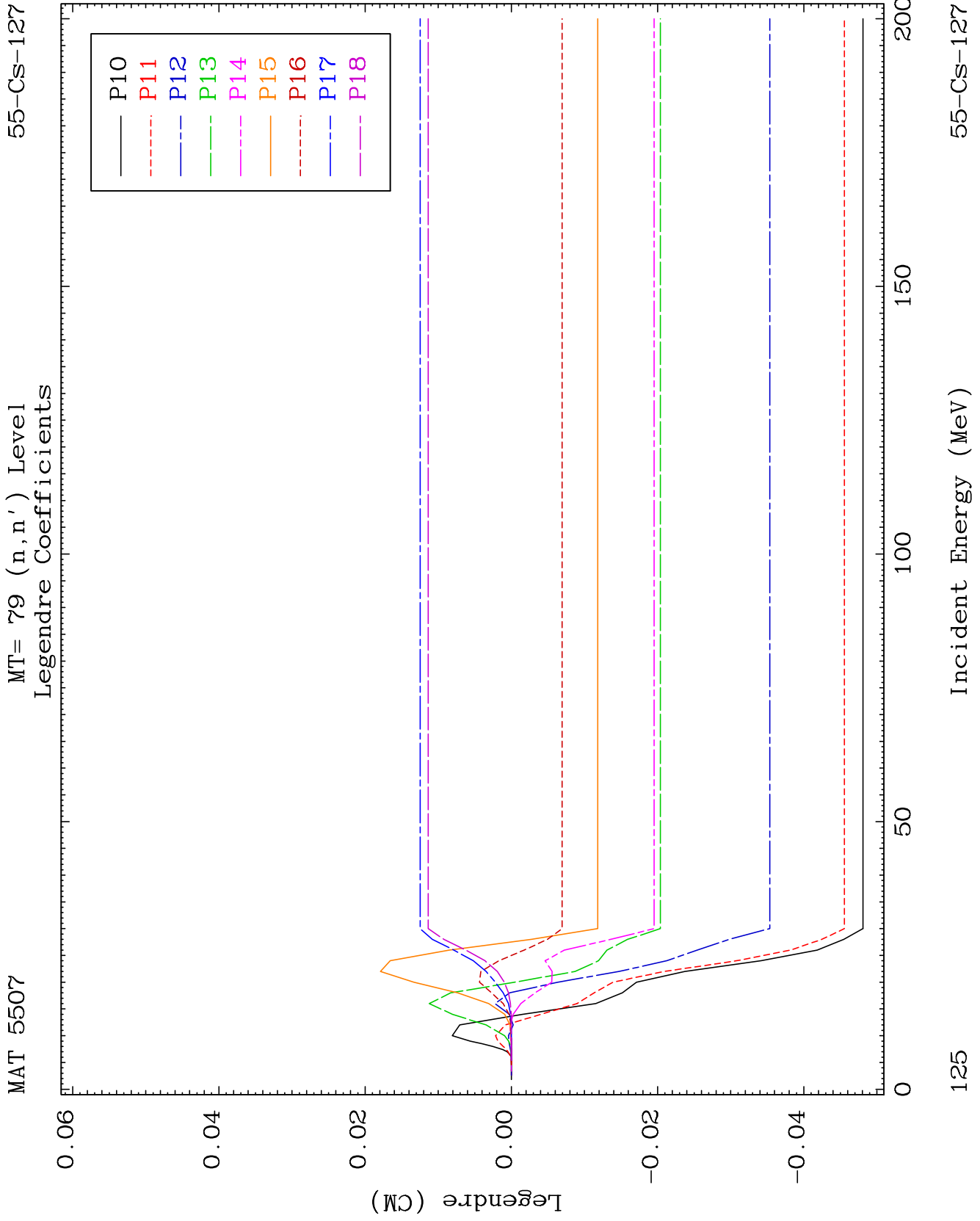
123

55-Cs-127

MAT 5507 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-127



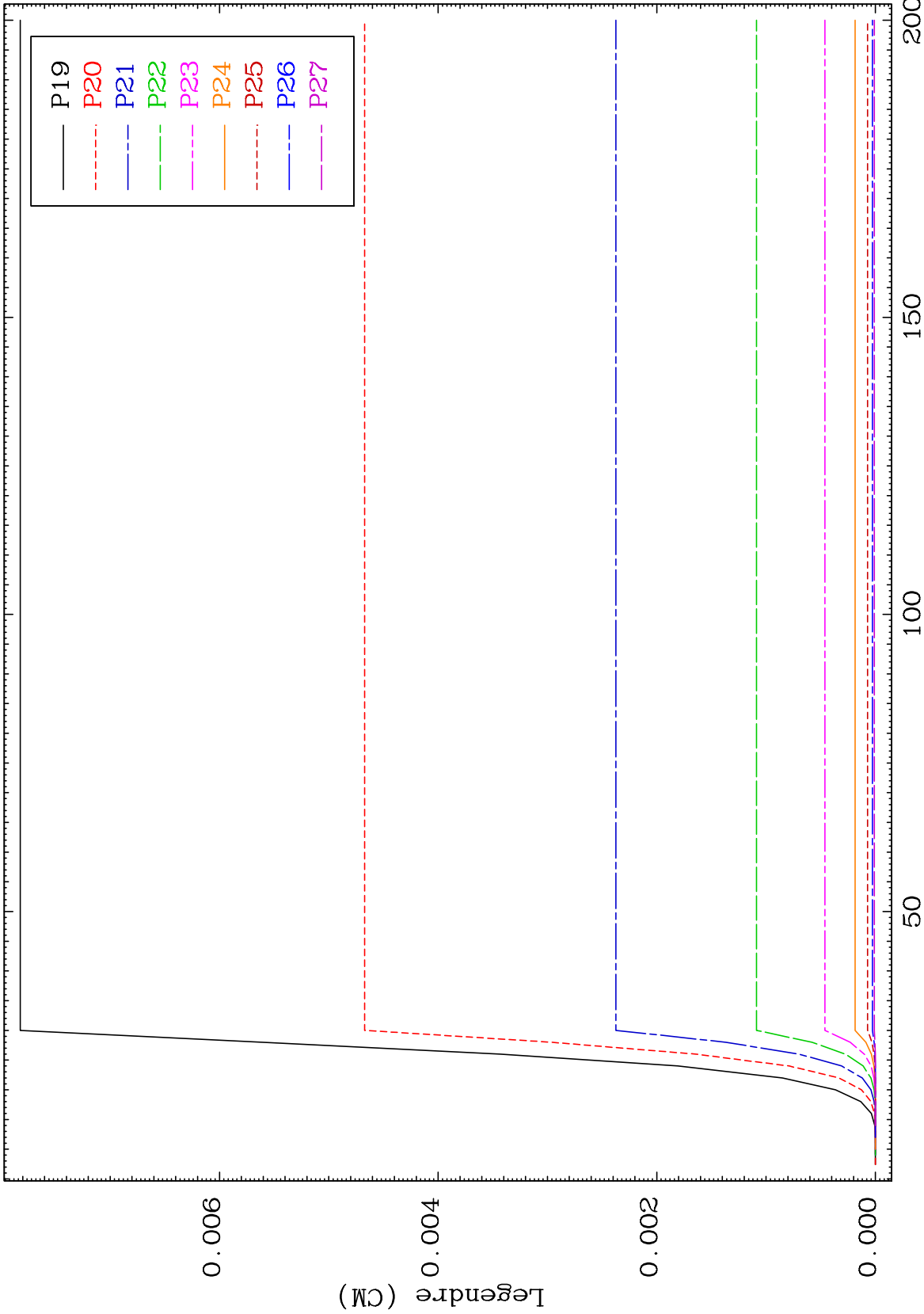
124 Incident Energy (MeV) 55-Cs-127



MAT 5507

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

55-Cs-127



126

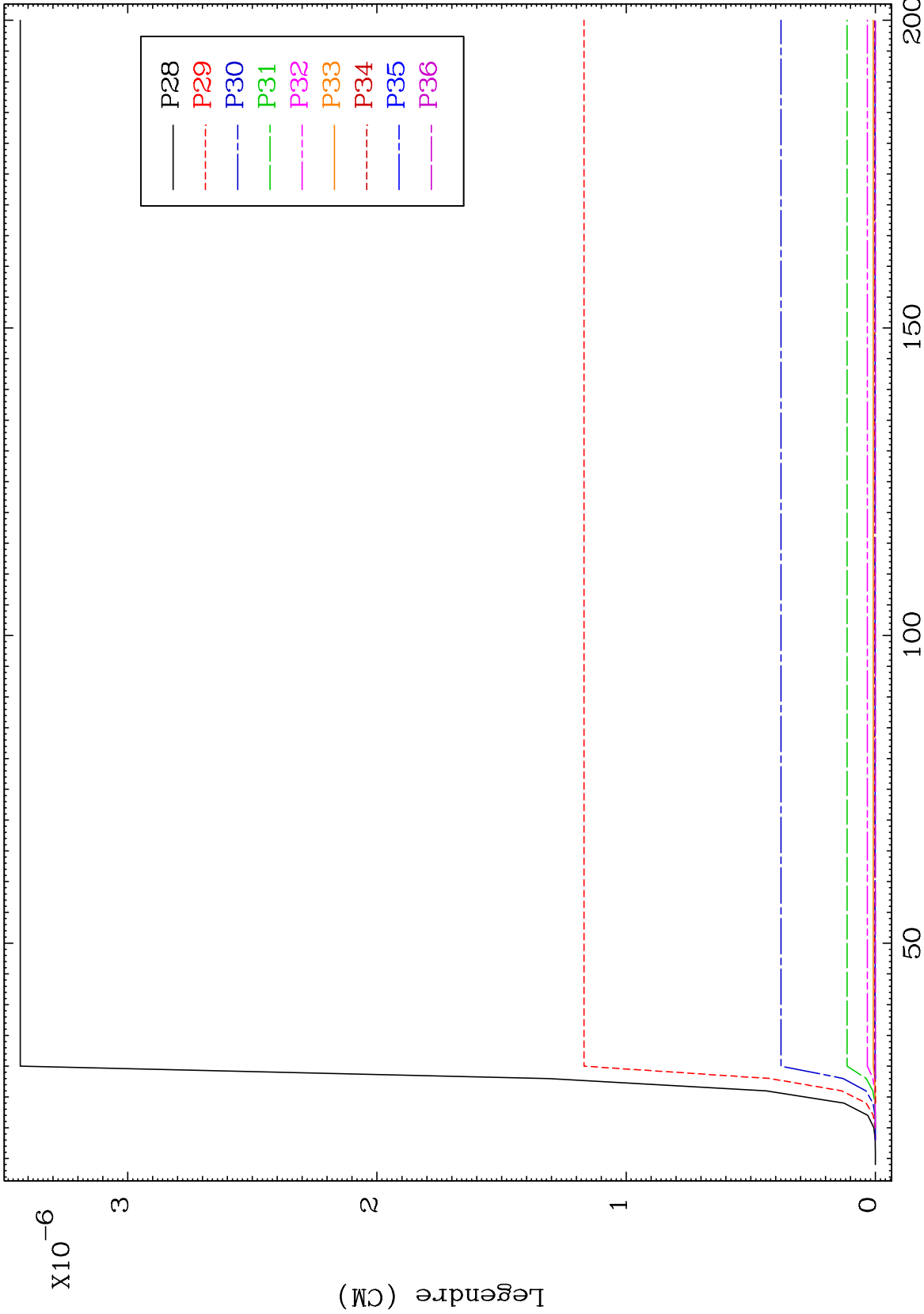
Incident Energy (MeV)

55-Cs-127

MAT 5507

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

55-Cs-127



127

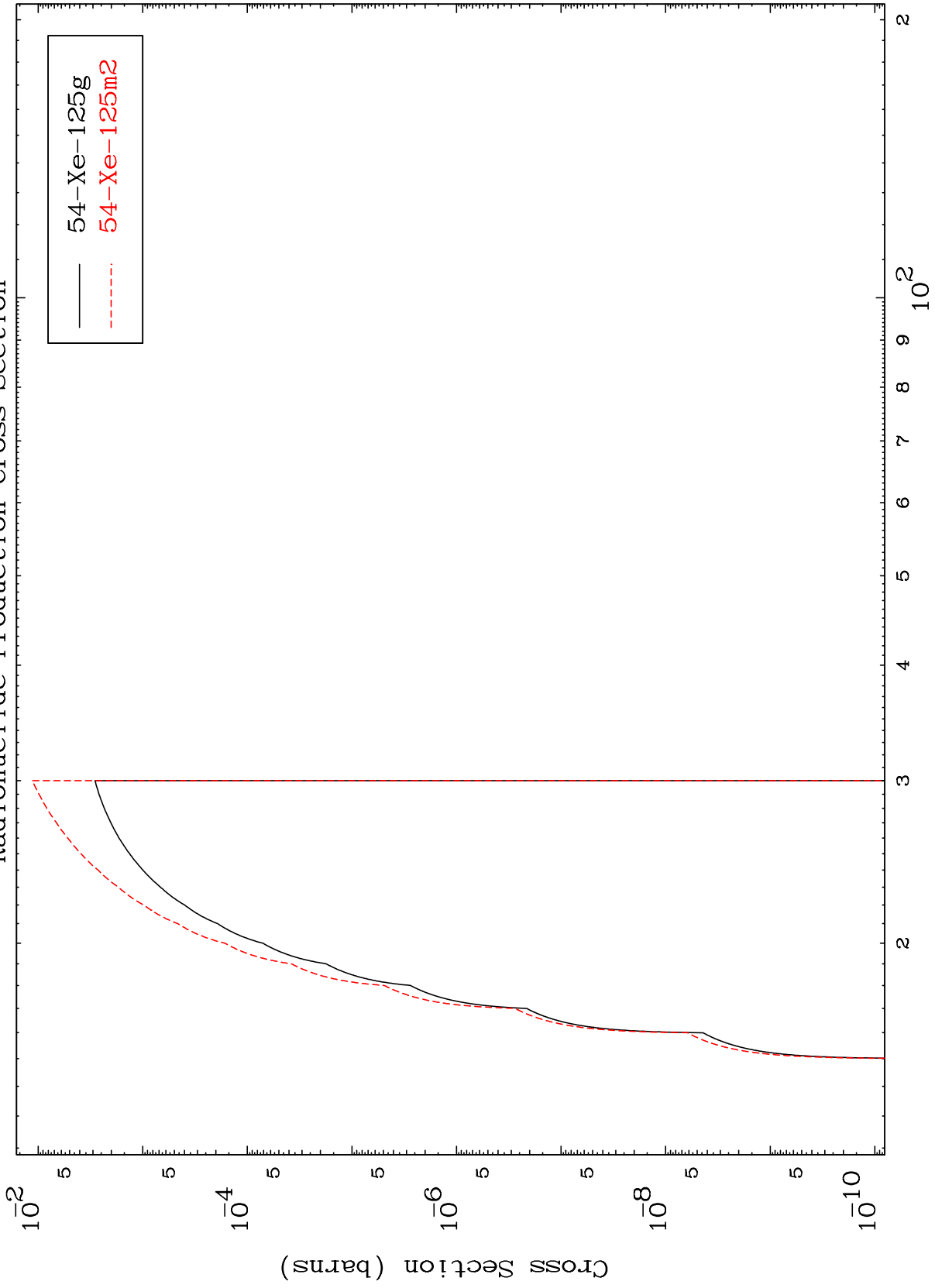
55-Cs-127

MAT 5507

(n,n') d

55-Cs-127

Radionuclide Production Cross Section



128

Incident Energy (MeV)

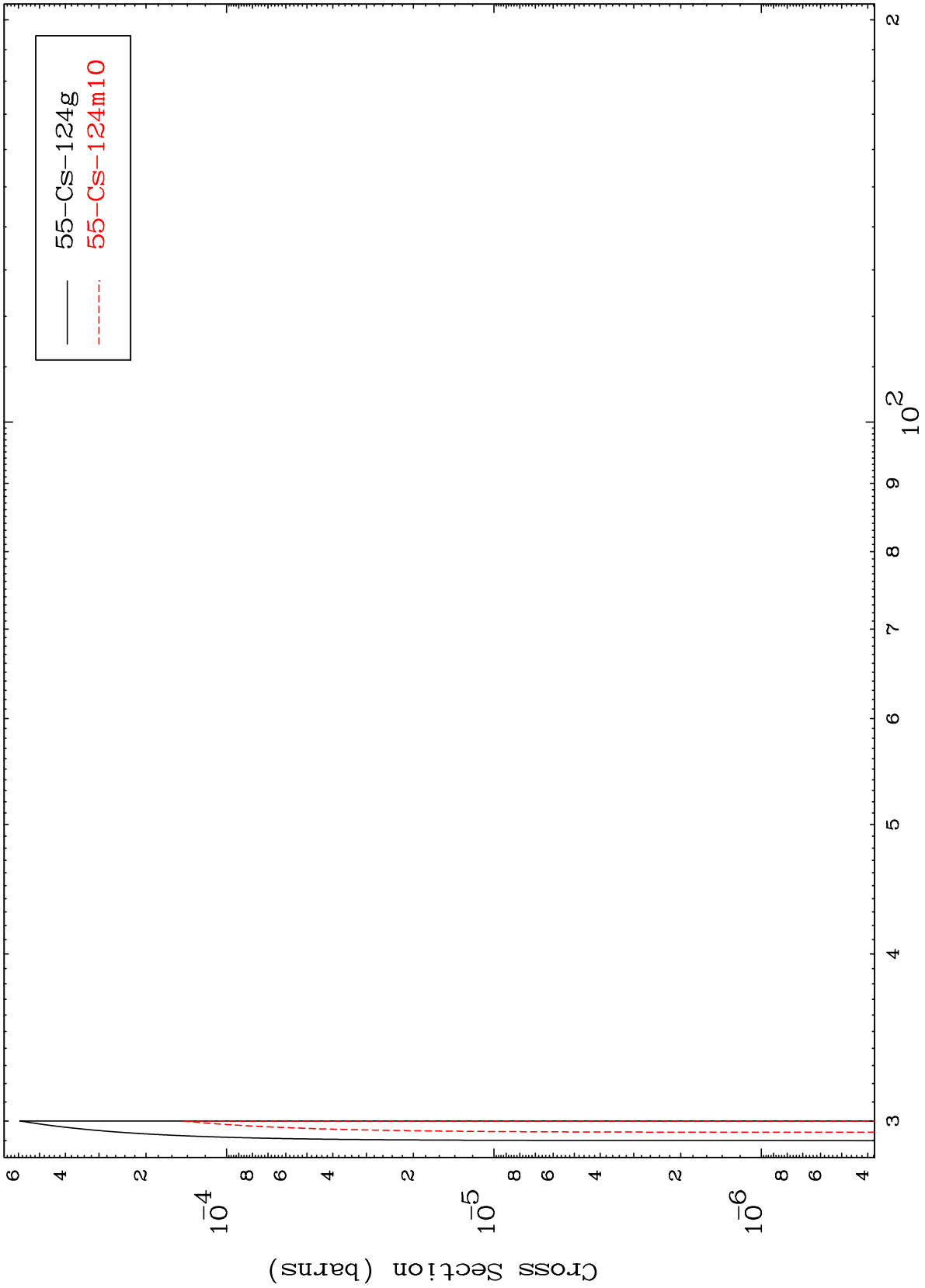
55-Cs-127

MAT 5507

(n,4n)

55-Cs-127

Radionuclide Production Cross Section



129

Incident Energy (MeV)

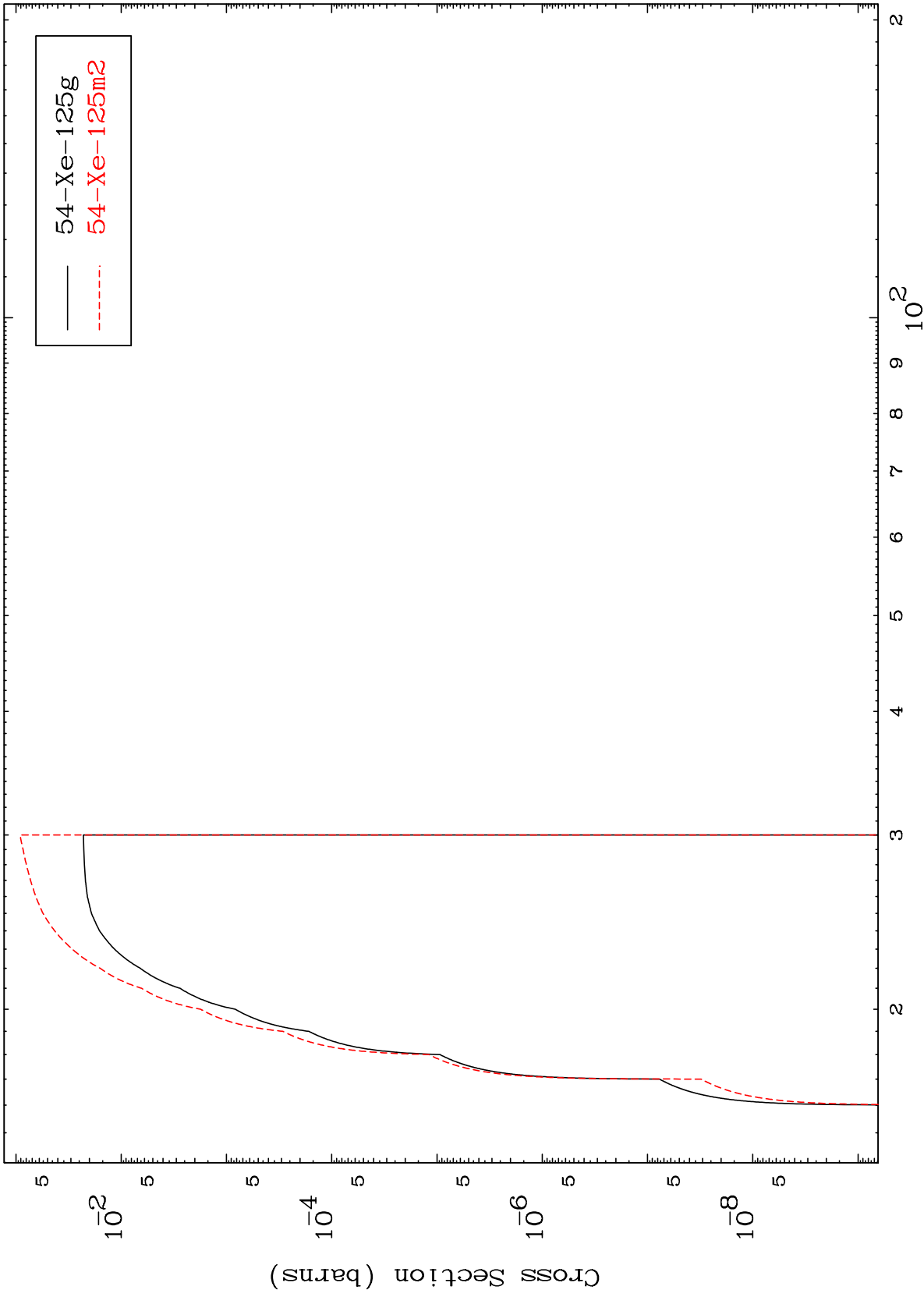
55-Cs-127

MAT 5507

(n,2n) p

55-Cs-127

Radionuclide Production Cross Section



130

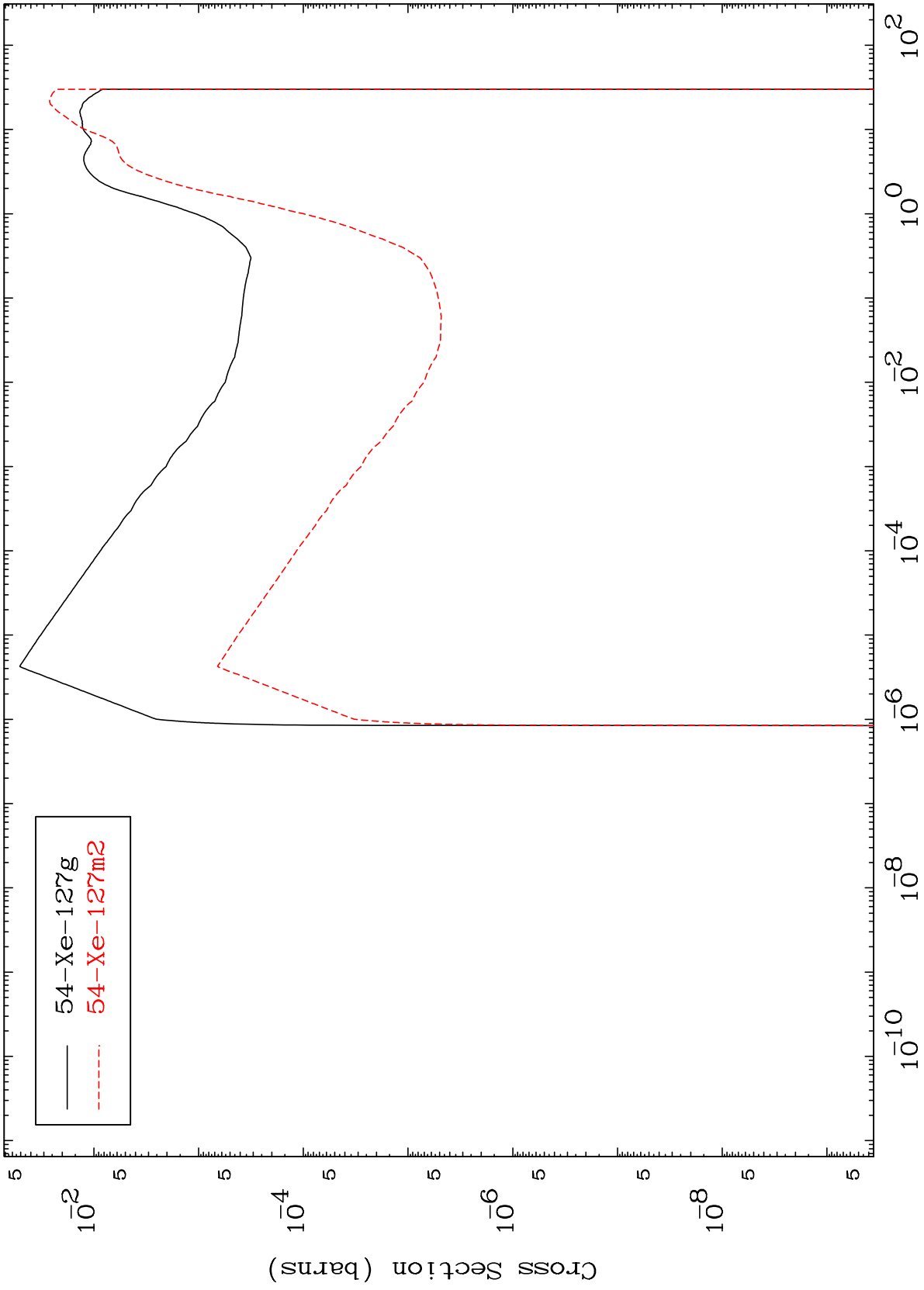
Incident Energy (MeV)

55-Cs-127

MAT 5507

(n,p)
Radionuclide Production Cross Section

55-Cs-127



— 54-Xe-127g
- - - 54-Xe-127m2

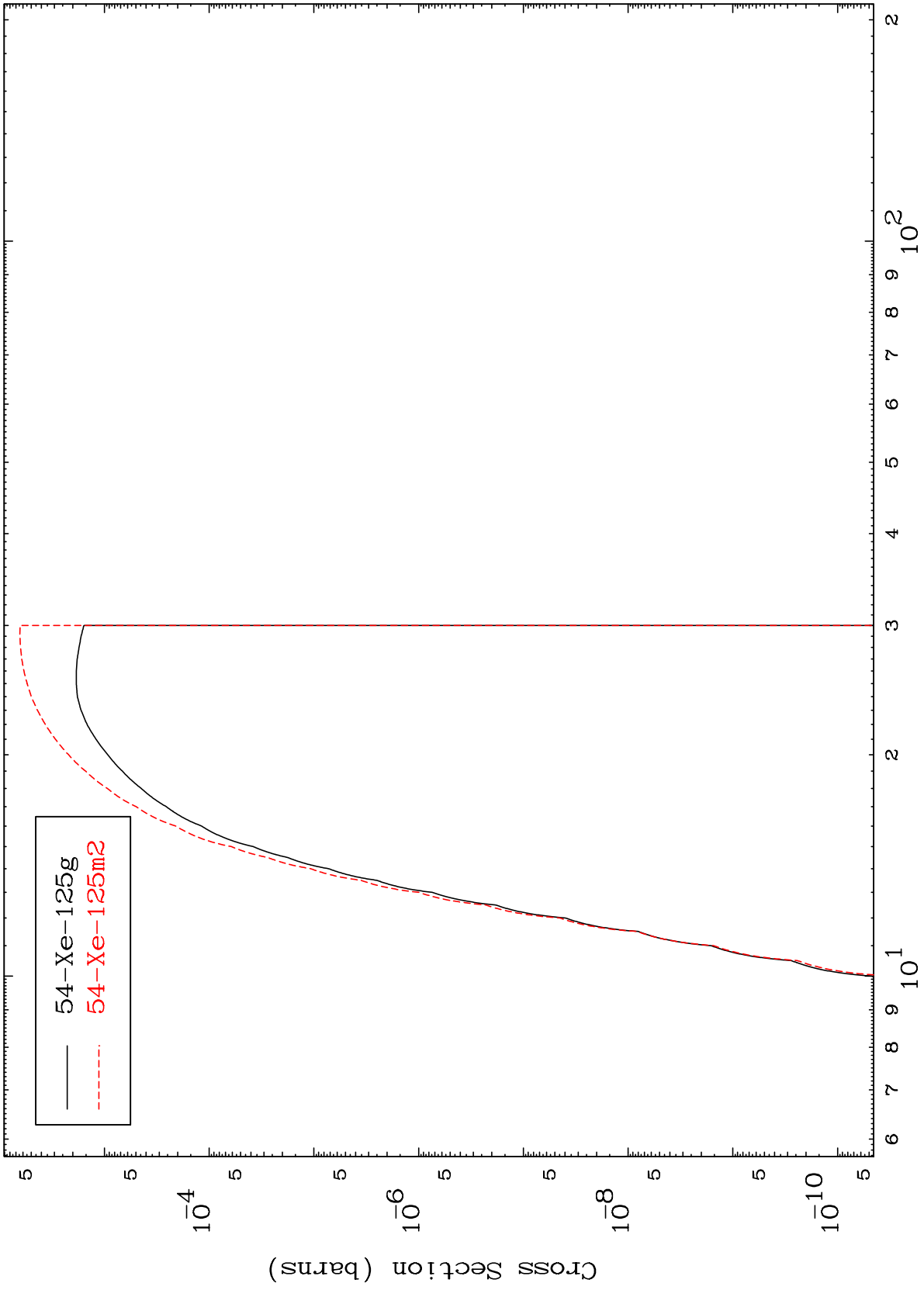
131

55-Cs-127

MAT 5507

55-Cs-127

(n, t)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

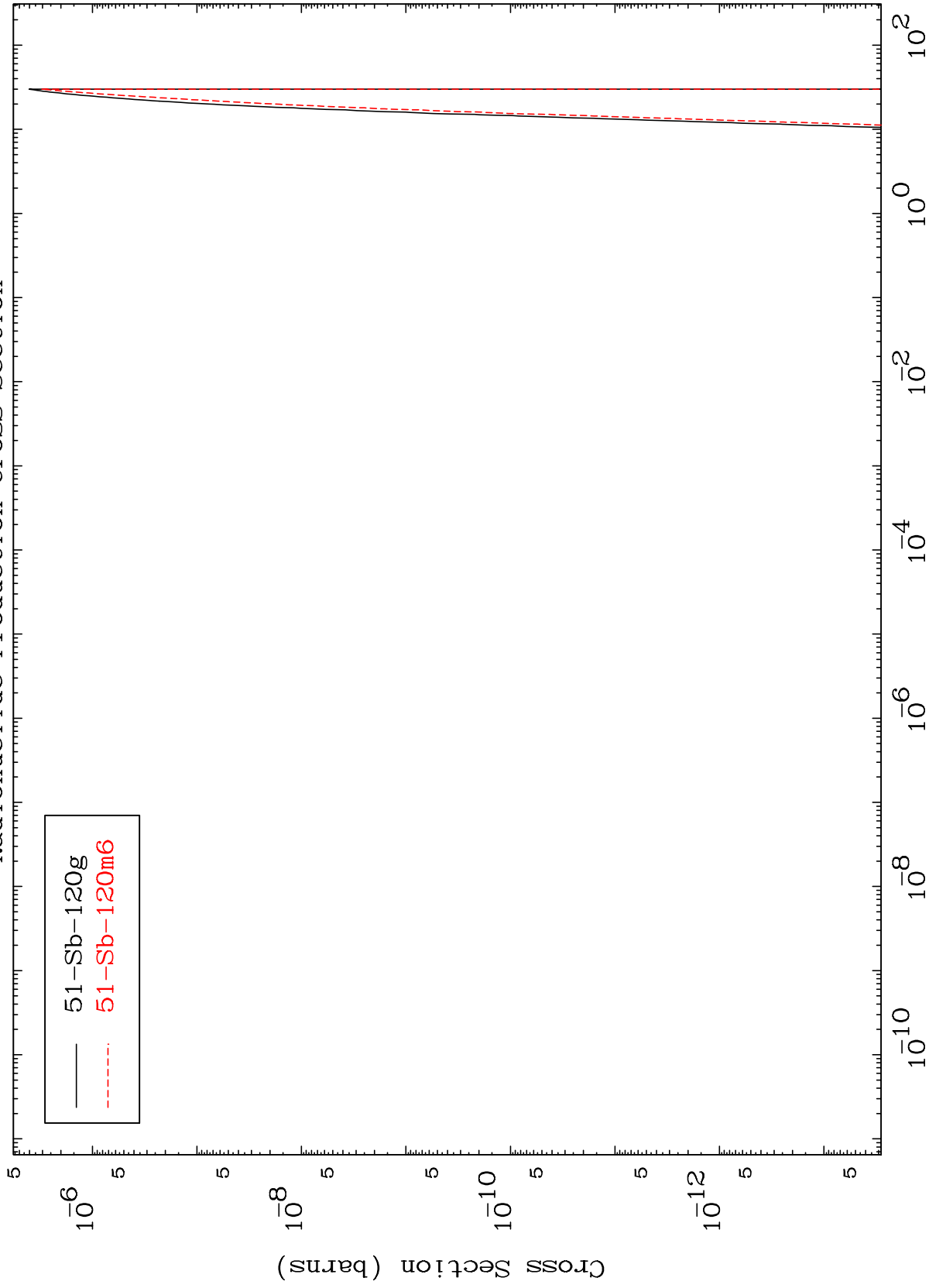
55-Cs-127

MAT 5507

(n,2α)

55-Cs-127

Radionuclide Production Cross Section

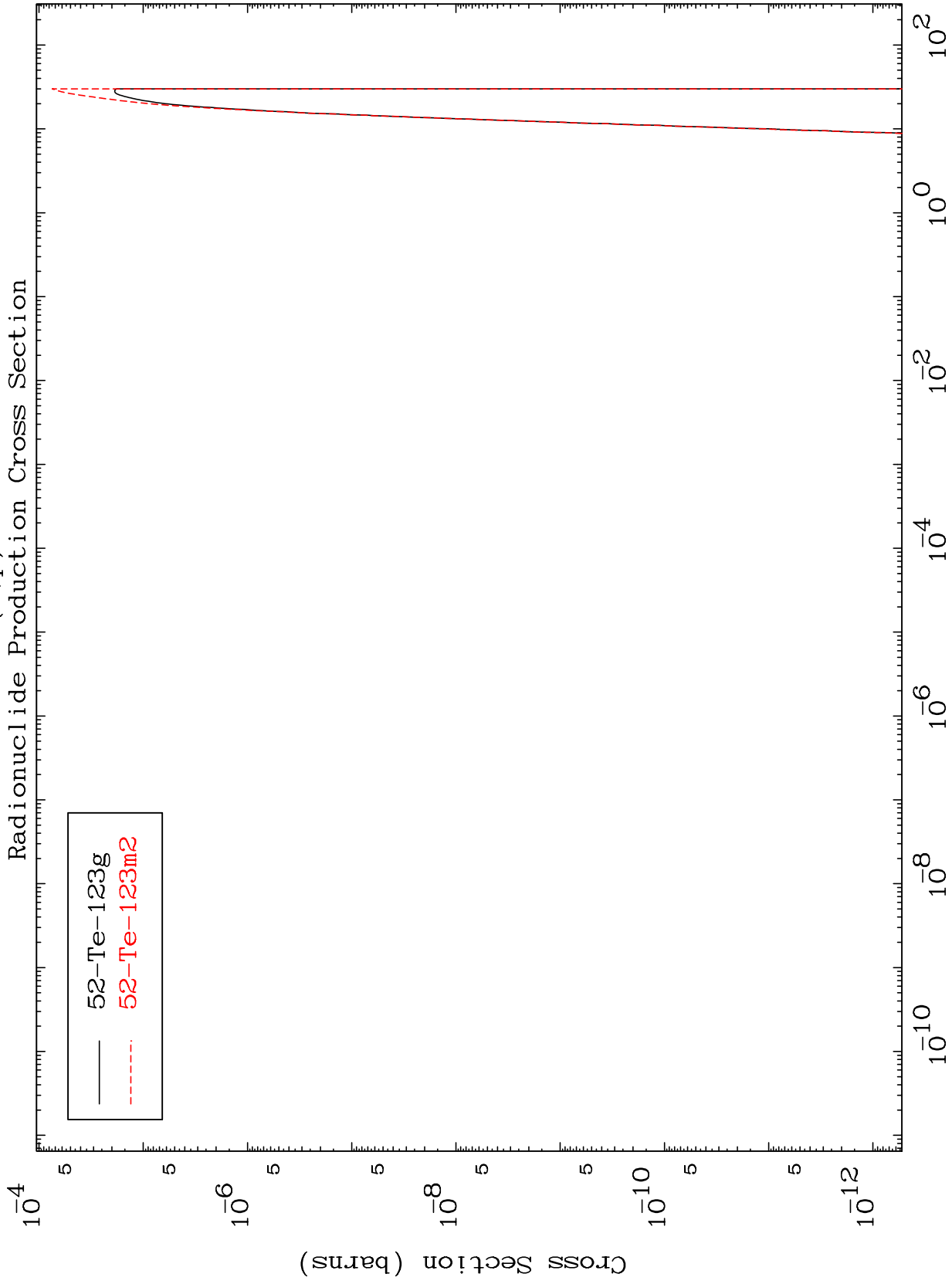


MAT 5507

(n,p) α

55-Cs-127

Radionuclide Production Cross Section



134

Incident Energy (MeV)

55-Cs-127