

Program EVALPLOT
(Version 2018-1)

by

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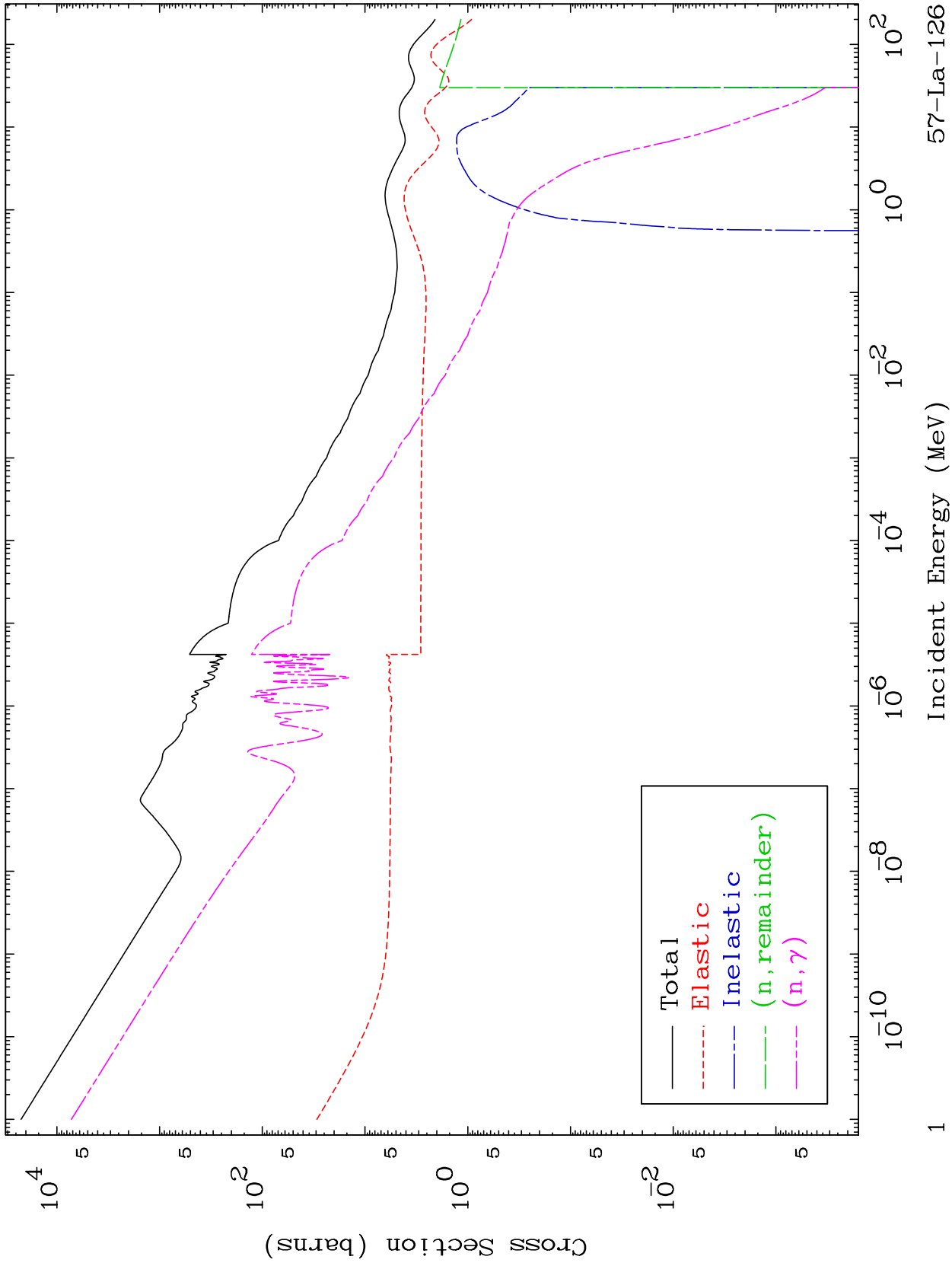
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5689

Major
293 Kelvin Cross Sections

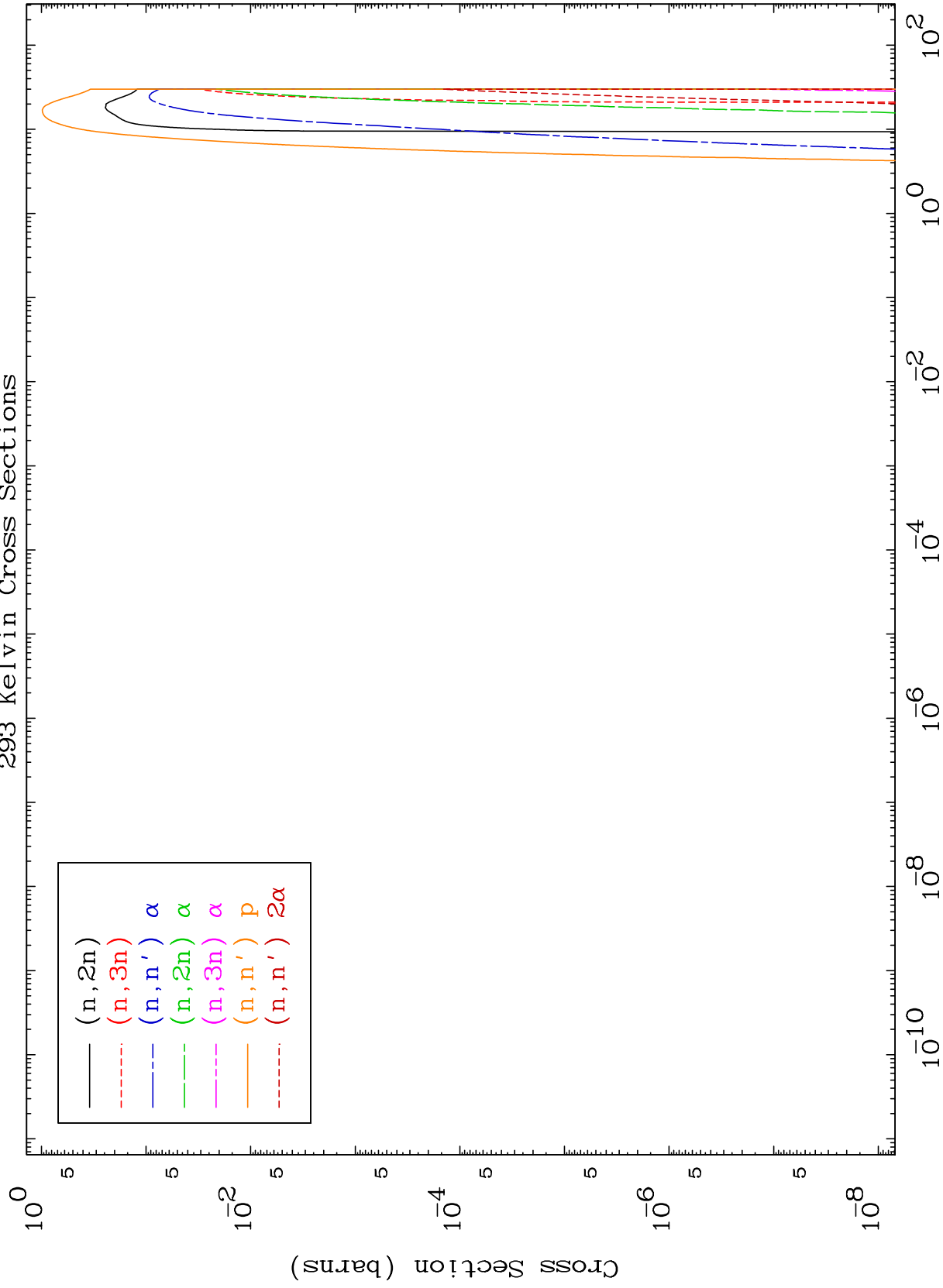
57-La-126



MAT 5689

Neutron Production
293 Kelvin Cross Sections

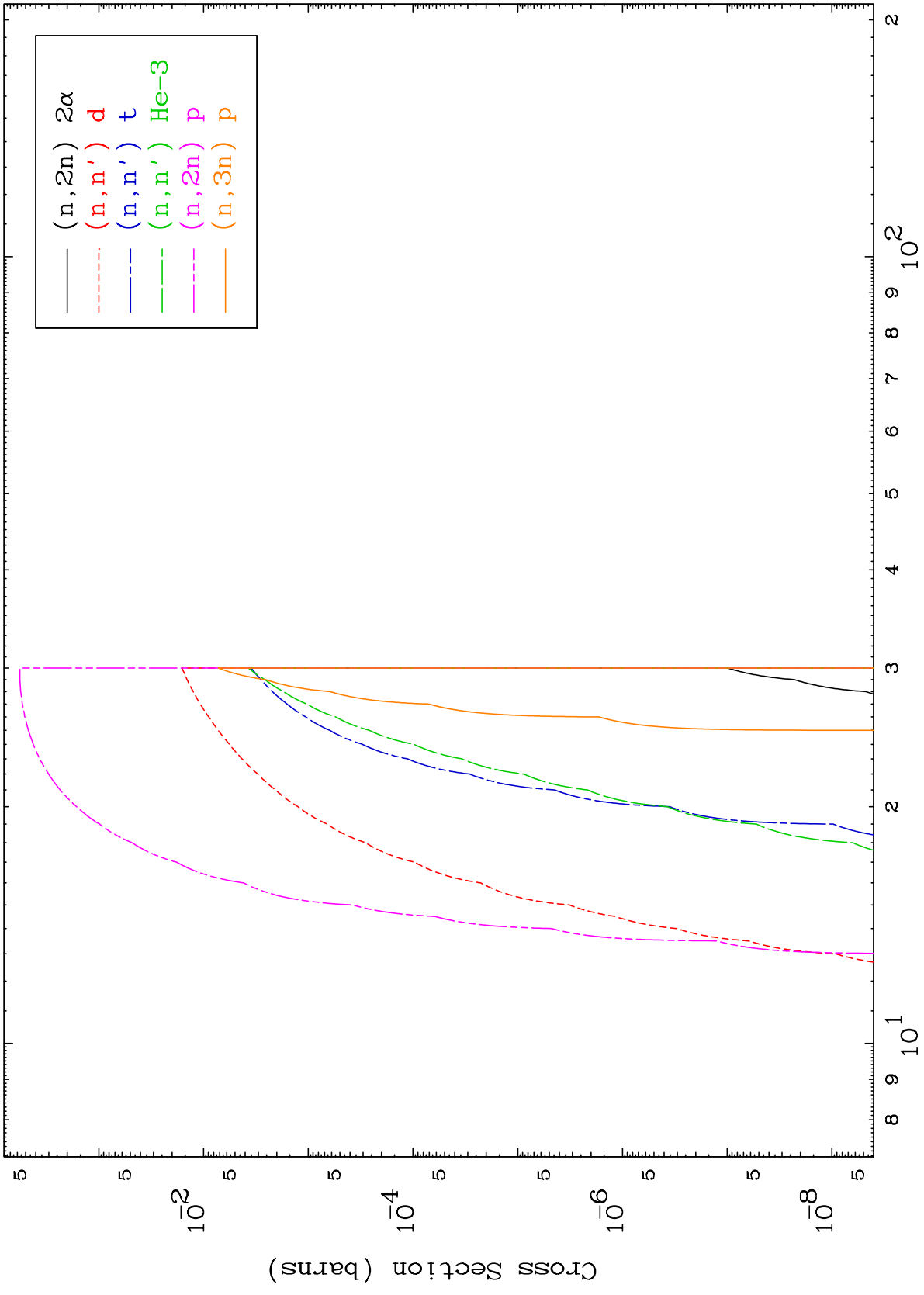
57-La-126



2

Incident Energy (MeV)

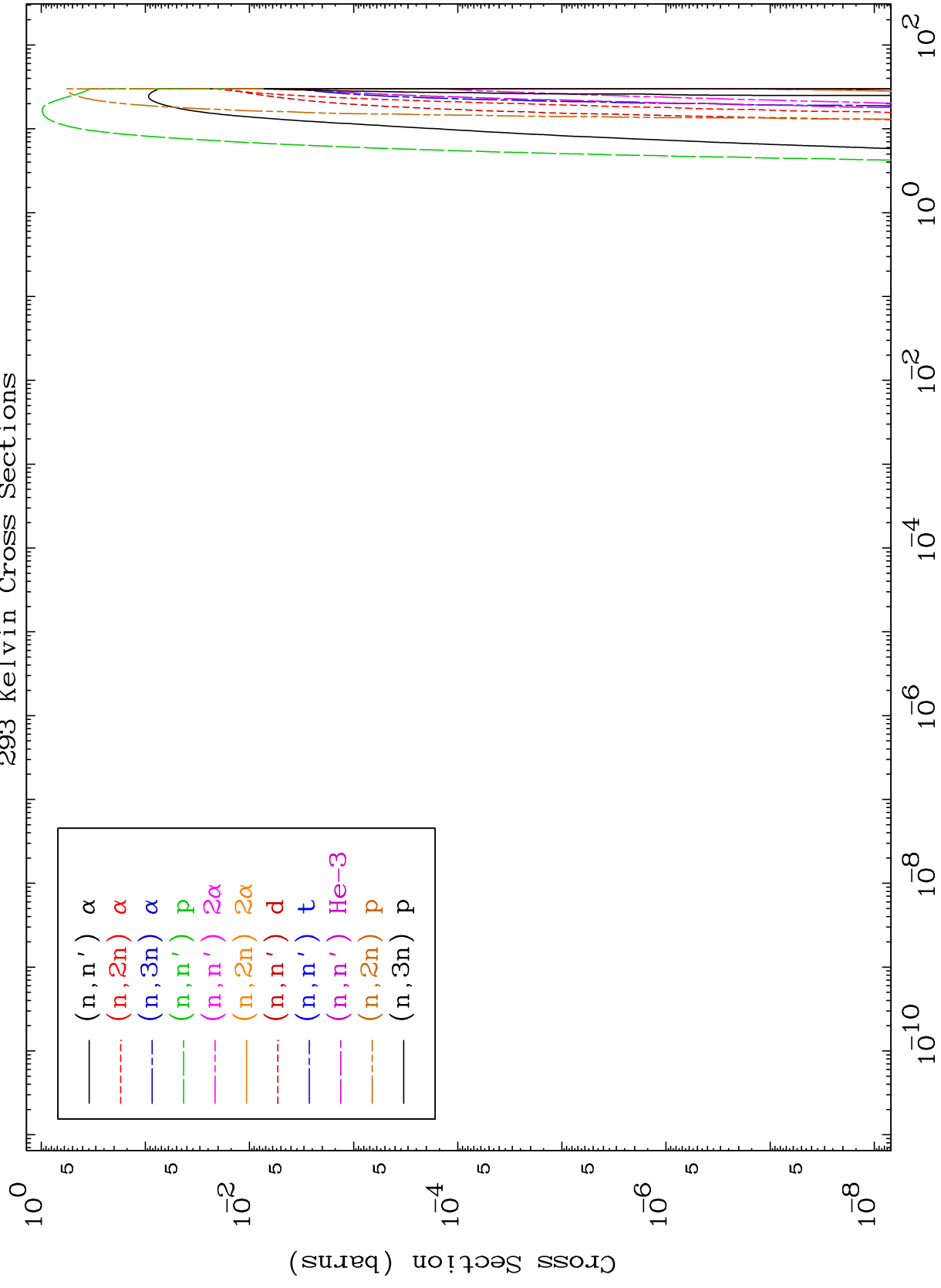
57-La-126



MAT 5689

Charged Particle
293 Kelvin Cross Sections

57-La-126



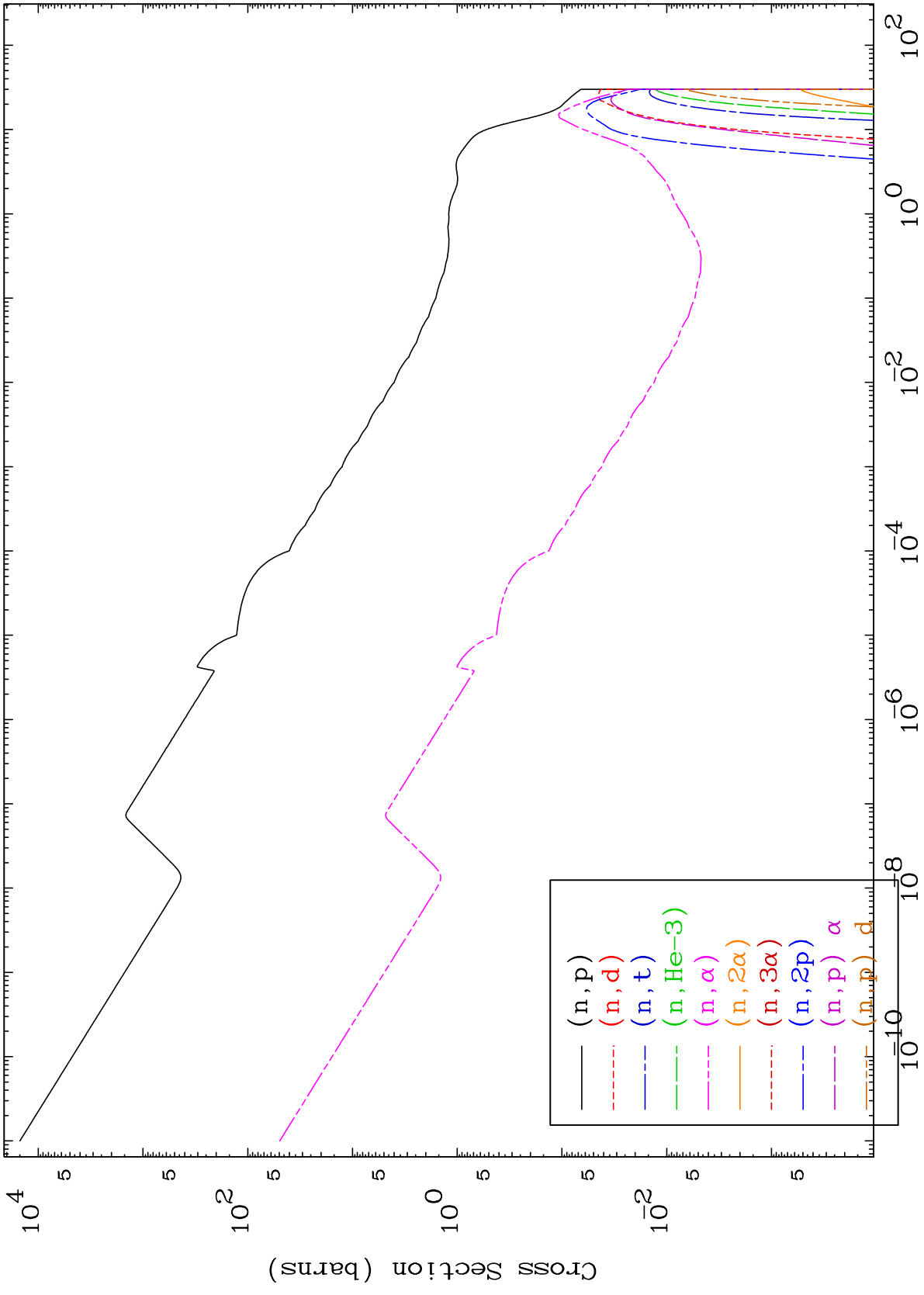
57-La-126

Incident Energy (MeV)

MAT 5689

293 Charged Particle
Kelvin Cross Sections

57-La-126

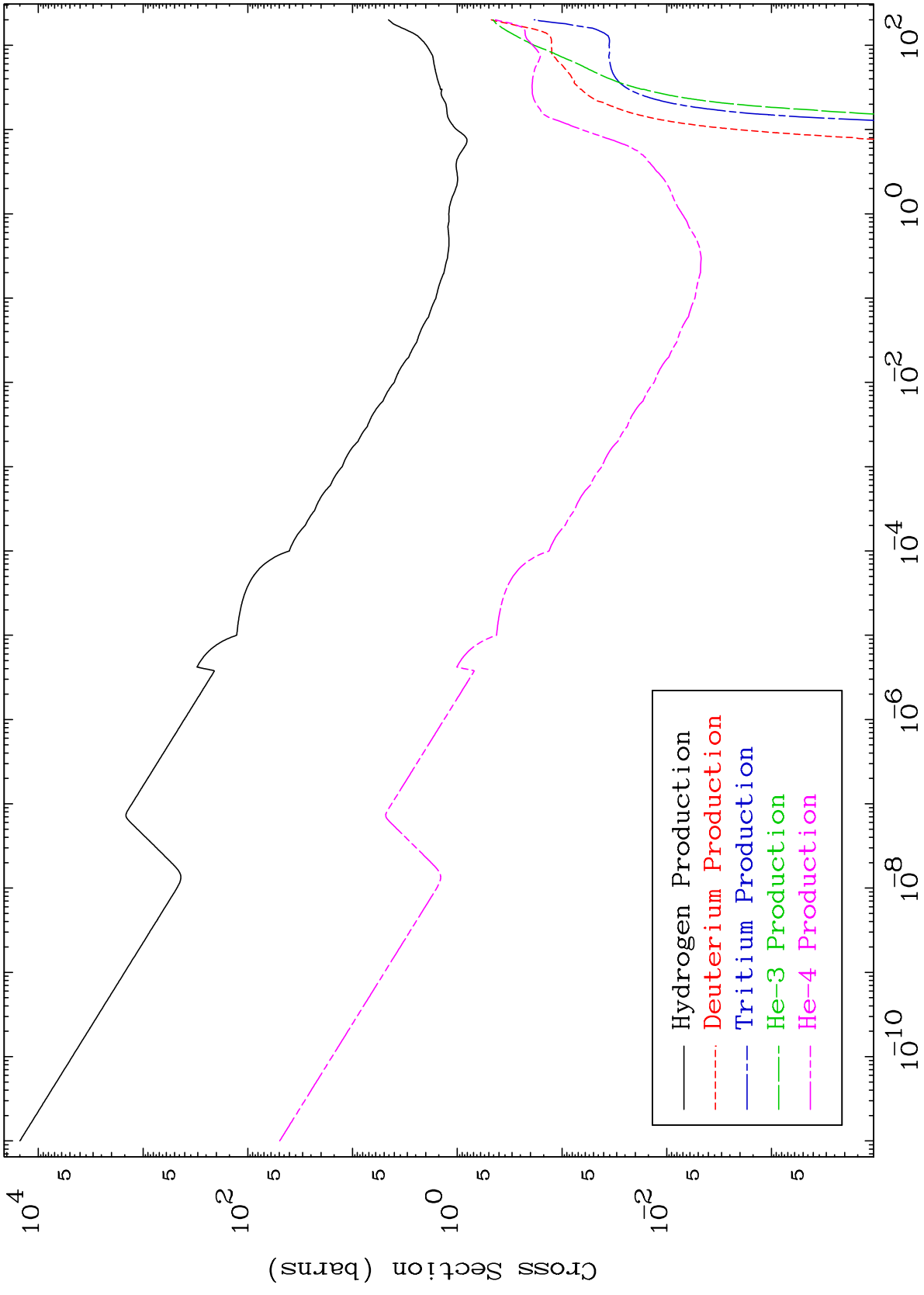


57-La-126

MAT 5689

Particle Production
293 Kelvin Cross Sections

57-La-126

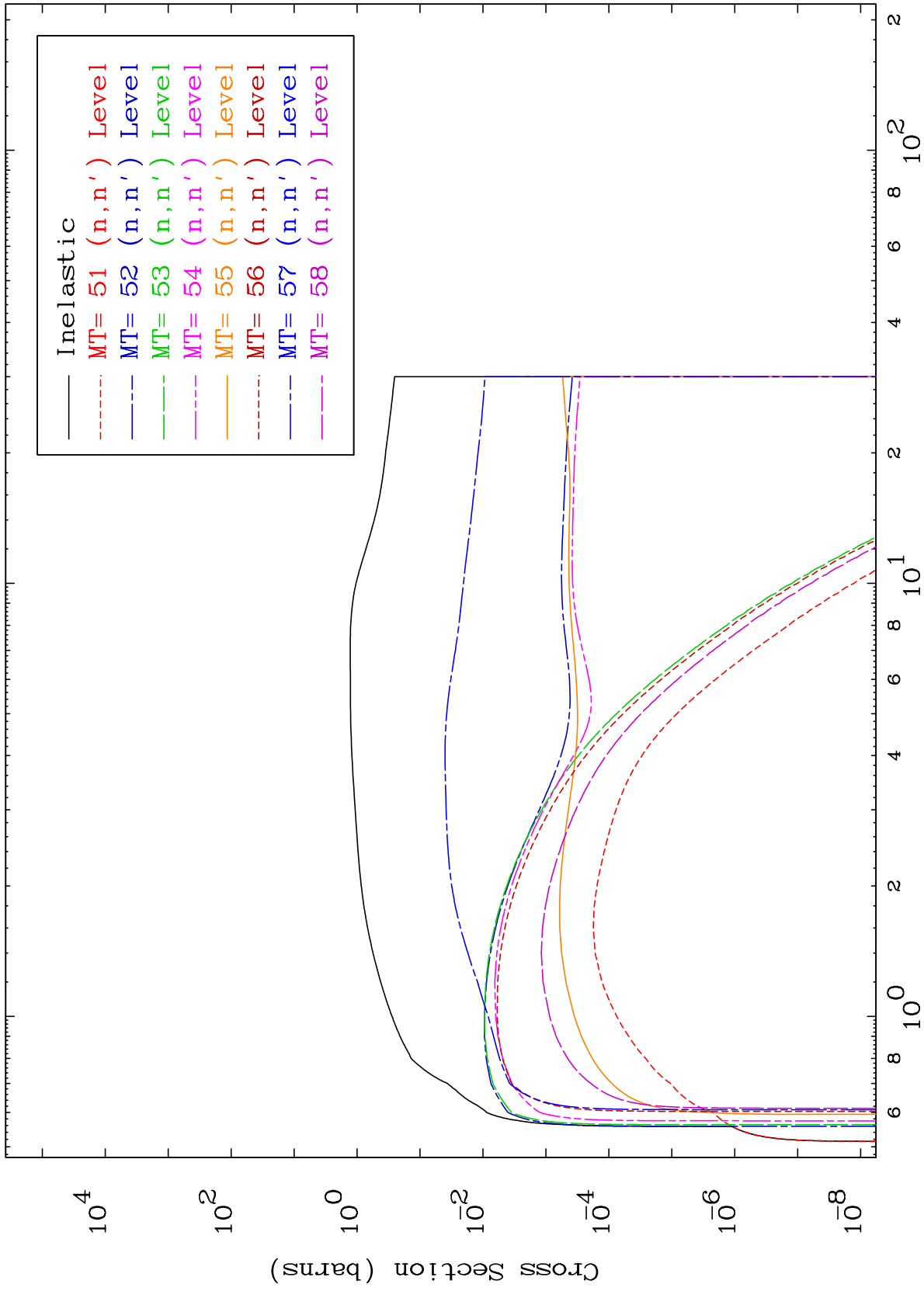


57-La-126

MAT 5689

(n,n') Level
293 Kelvin Cross Sections

57-La-126



7

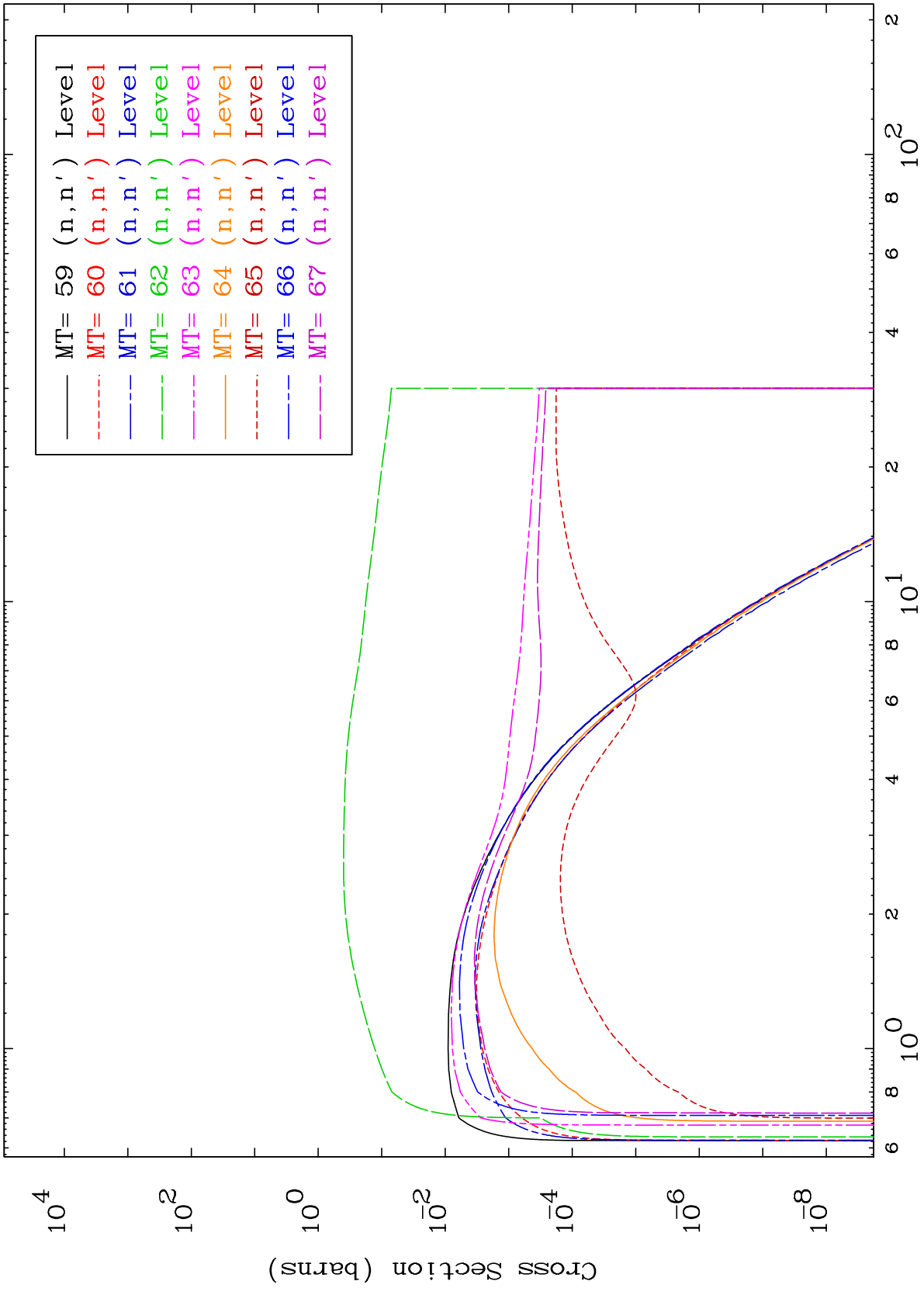
Incident Energy (MeV)

57-La-126

MAT 5689

(n,n') Level
293 Kelvin Cross Sections

57-La-126



8

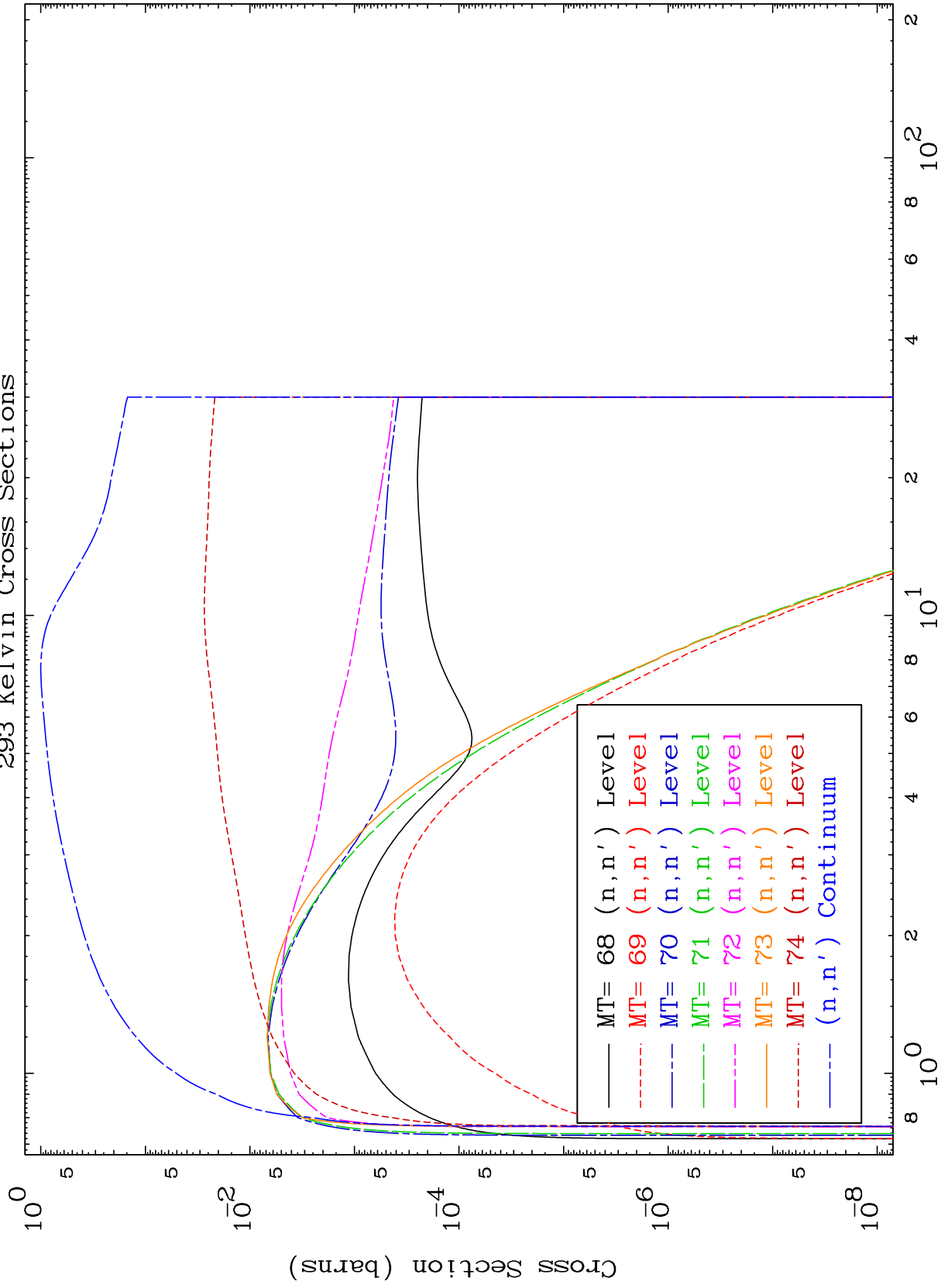
Incident Energy (MeV)

57-La-126

MAT 5689

293 Kelvin Cross Sections
(n,n') Level

57-La-126

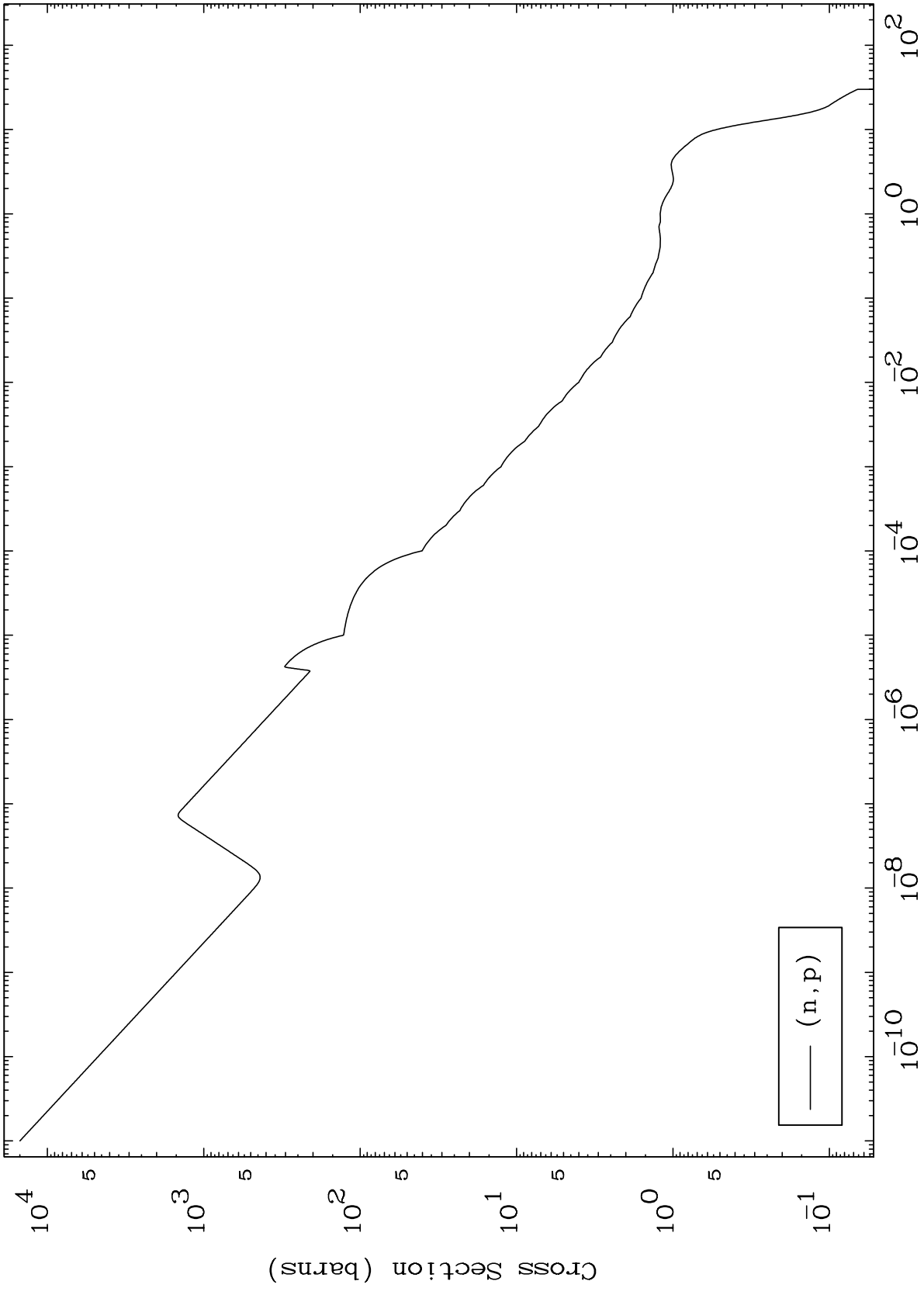


9

MAT 5689

(n,p) Levels
293 Kelvin Cross Sections

57-La-126



10

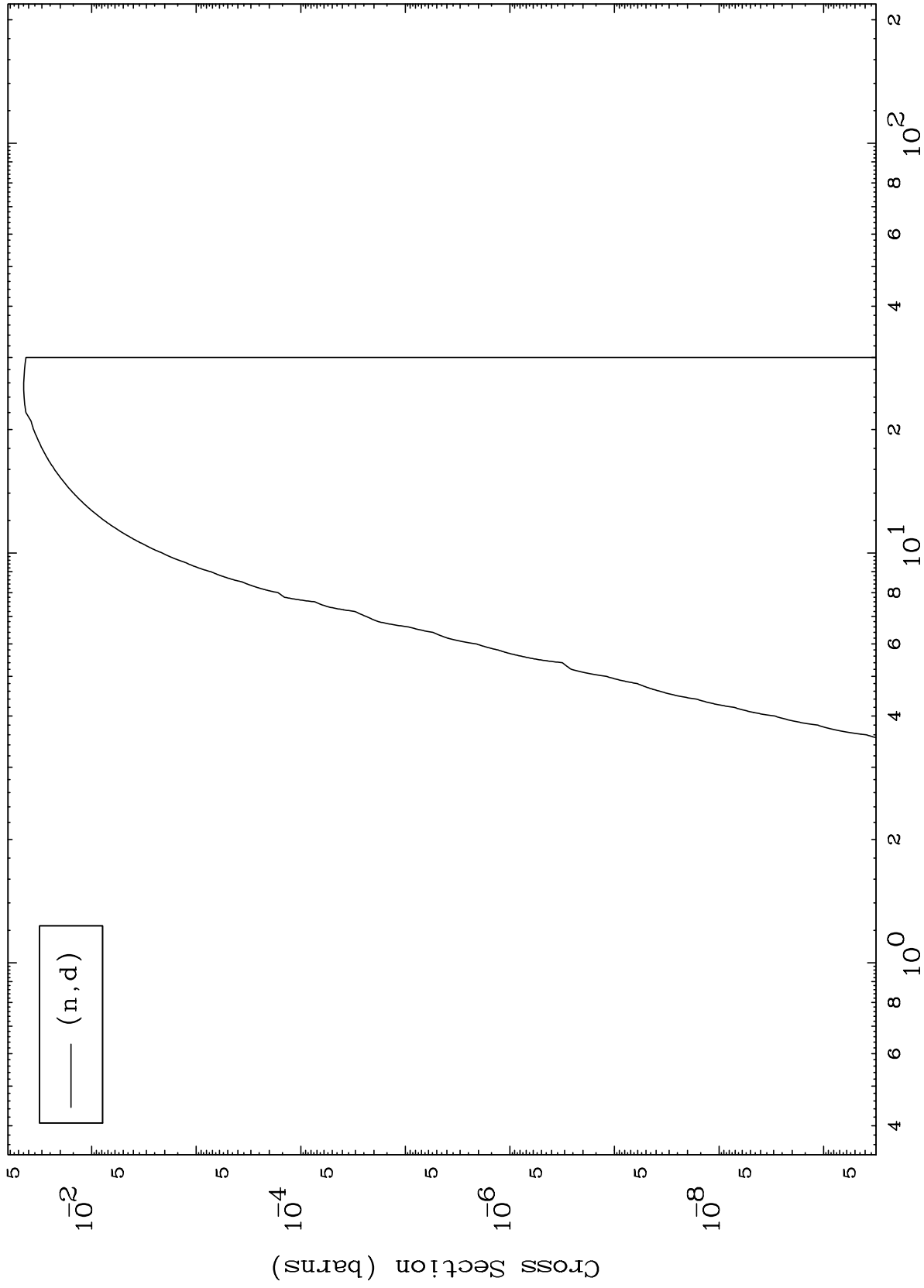
Incident Energy (MeV)

57-La-126

MAT 5689

(n,d) Levels
293 Kelvin Cross Sections

57-La-126



11

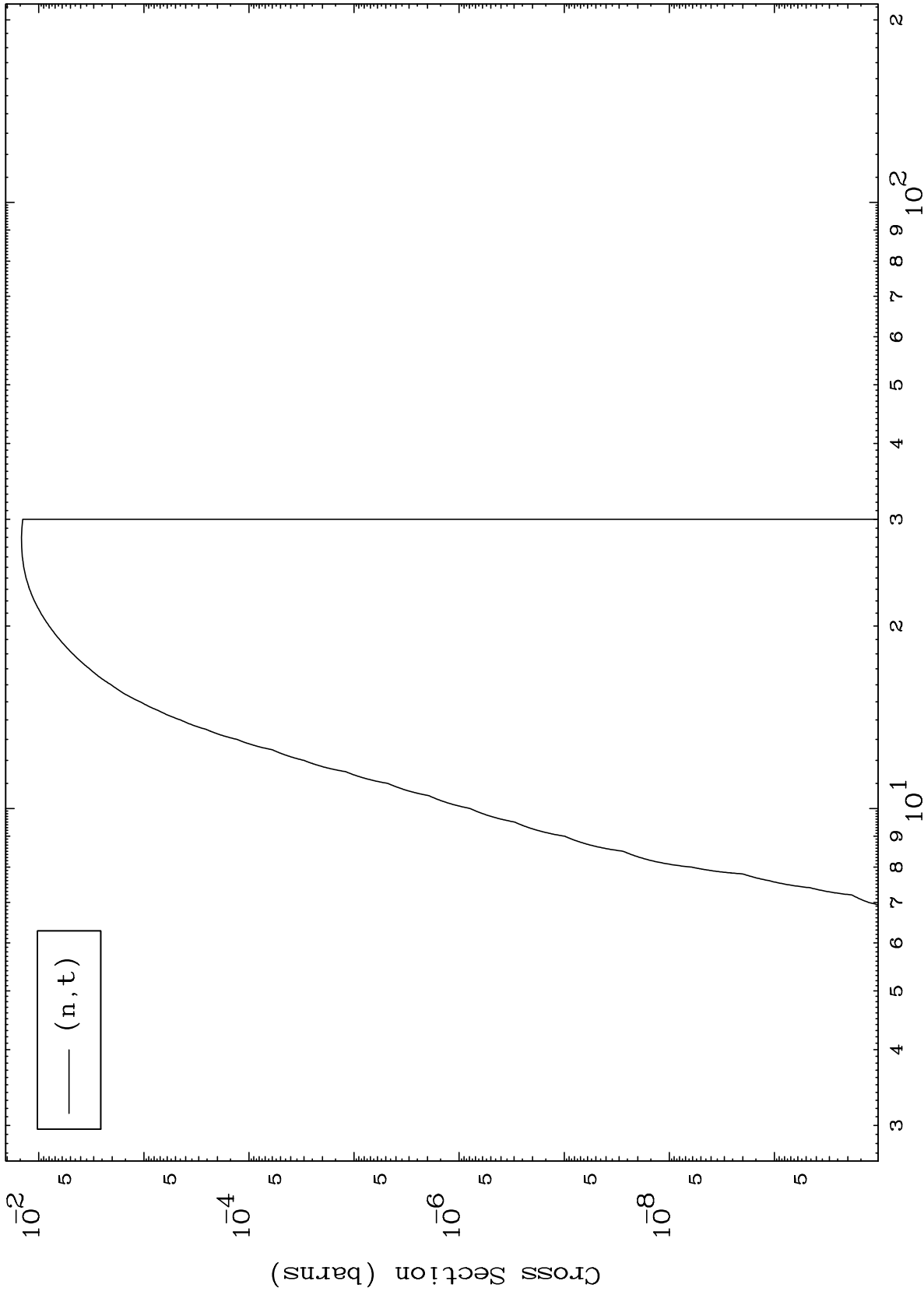
Incident Energy (MeV)

57-La-126

MAT 5689

(n,t) Levels
293 Kelvin Cross Sections

57-La-126



12

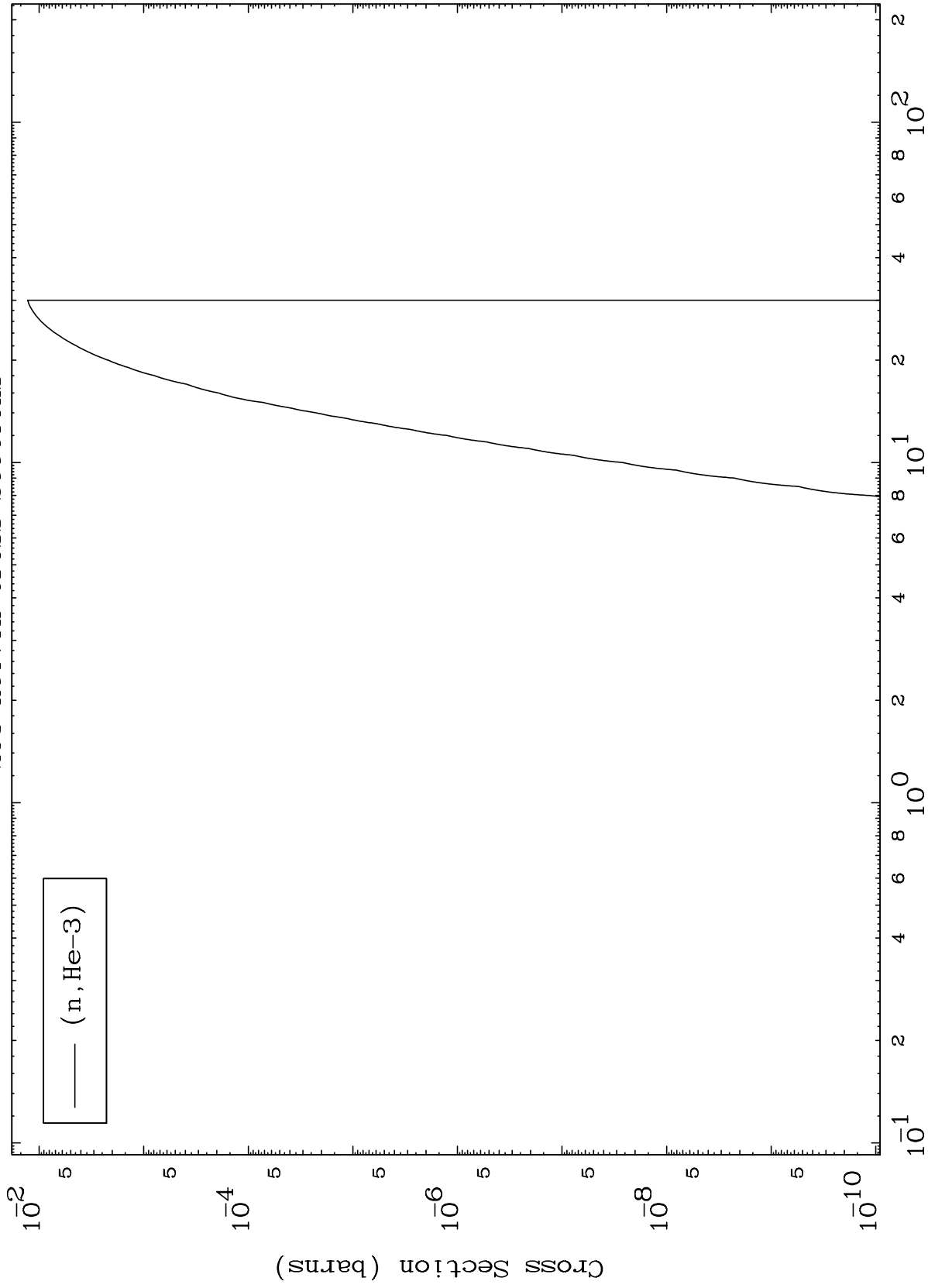
Incident Energy (MeV)

57-La-126

MAT 5689

(n,He3) Levels
293 Kelvin Cross Sections

57-La-126



13

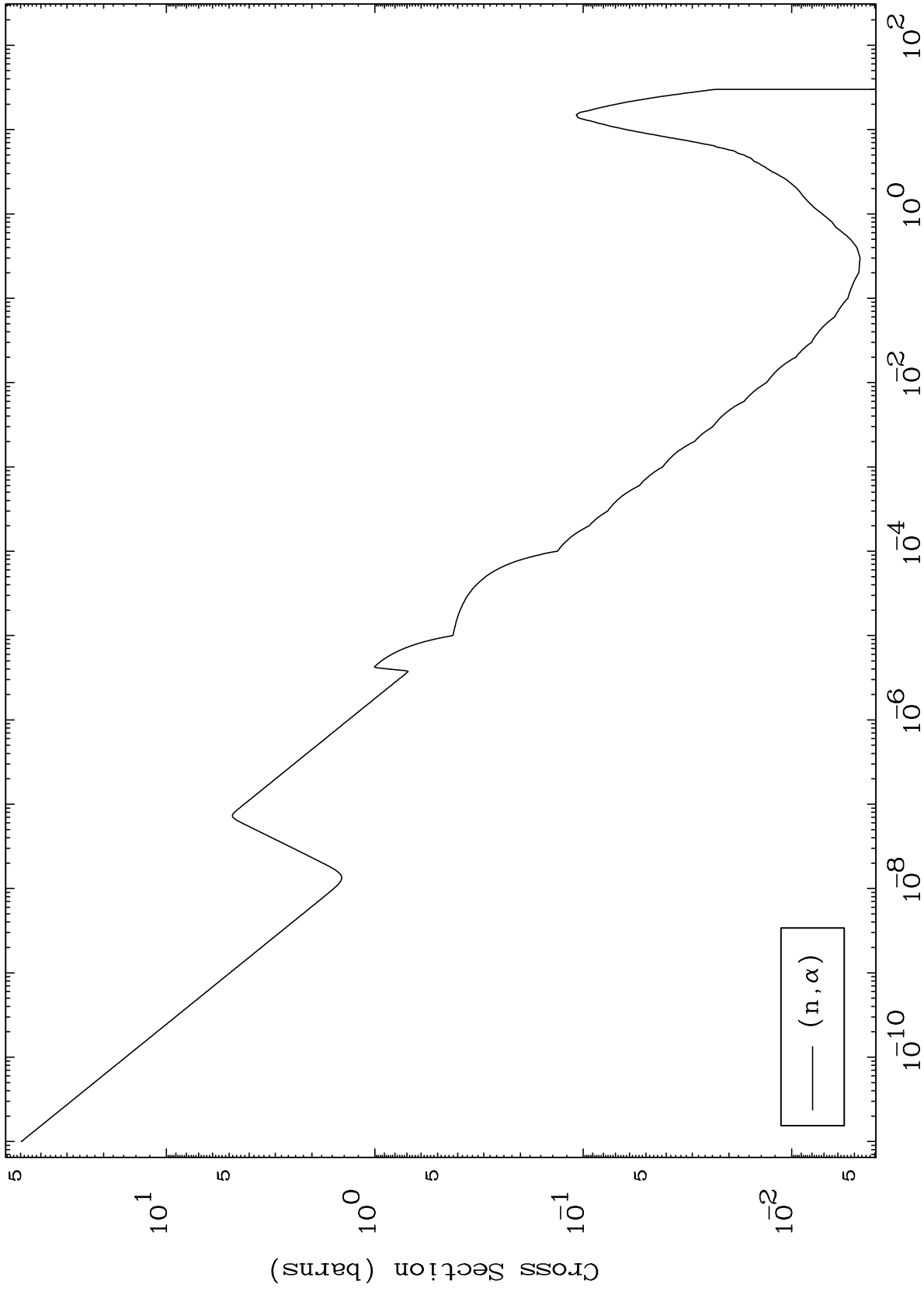
Incident Energy (MeV)

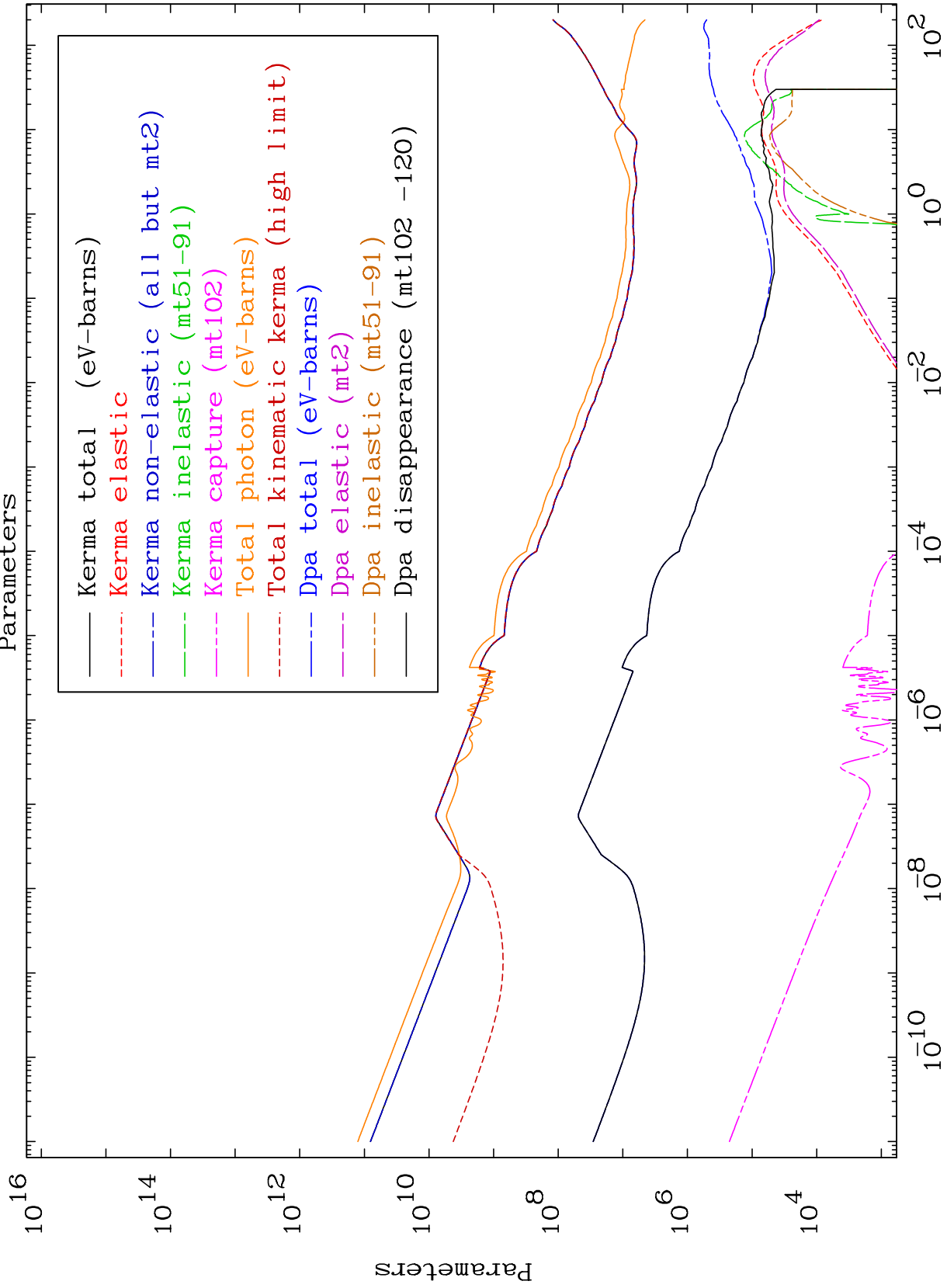
57-La-126

MAT 5689

(n,α) Levels
293 Kelvin Cross Sections

57-La-126

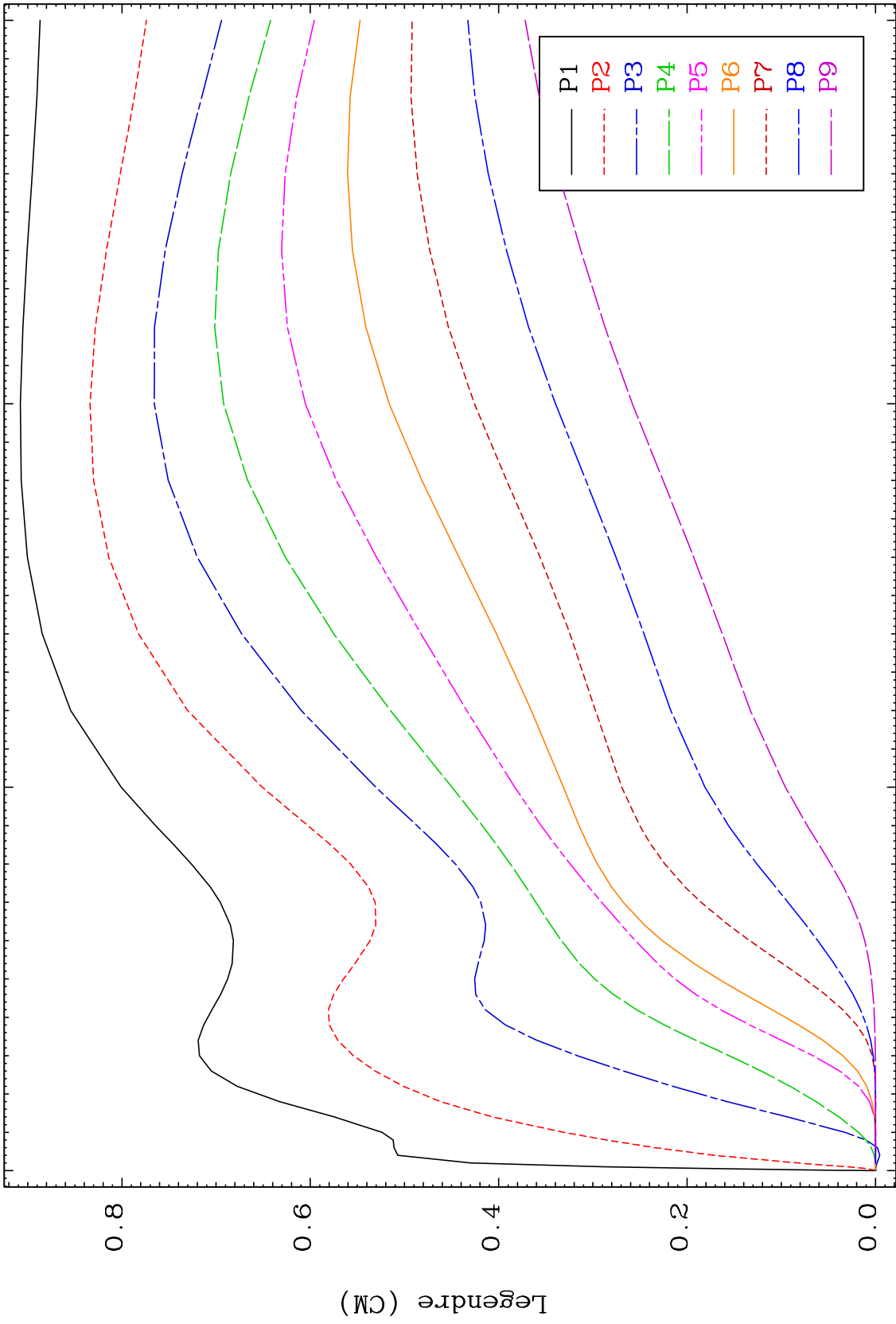




MAT 5689

Elastic Legendre Coefficients

57-La-126



16

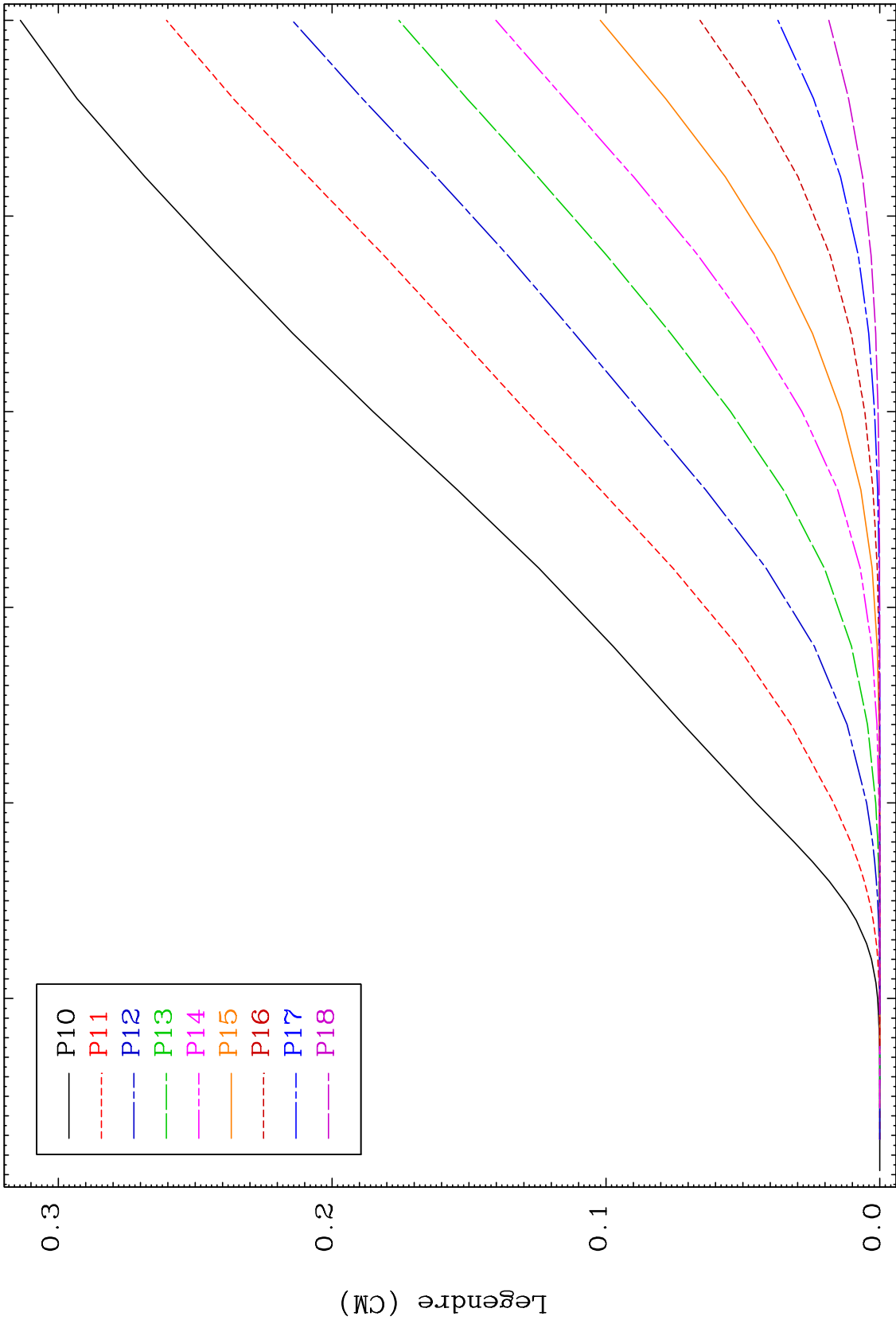
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



17

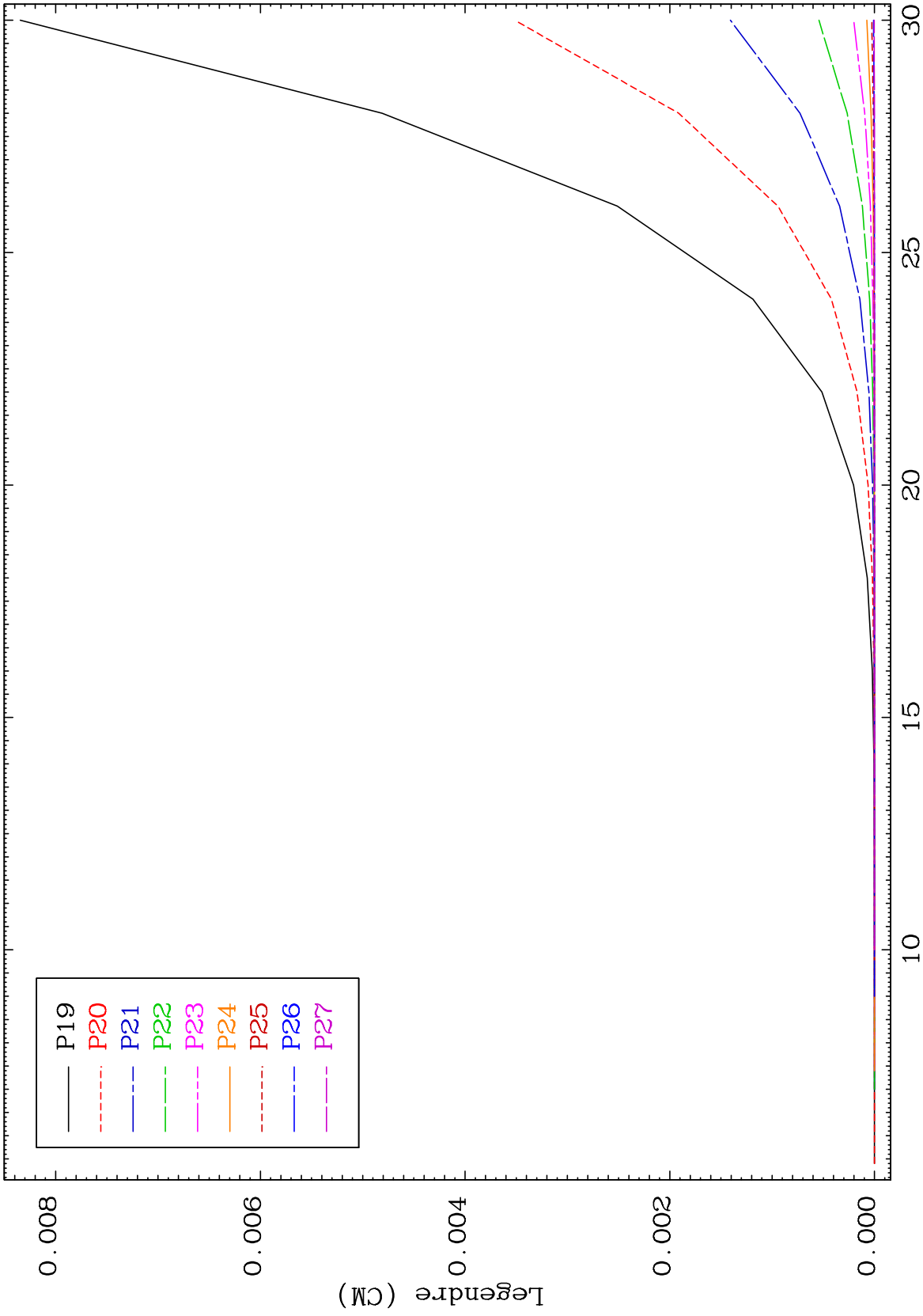
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



18

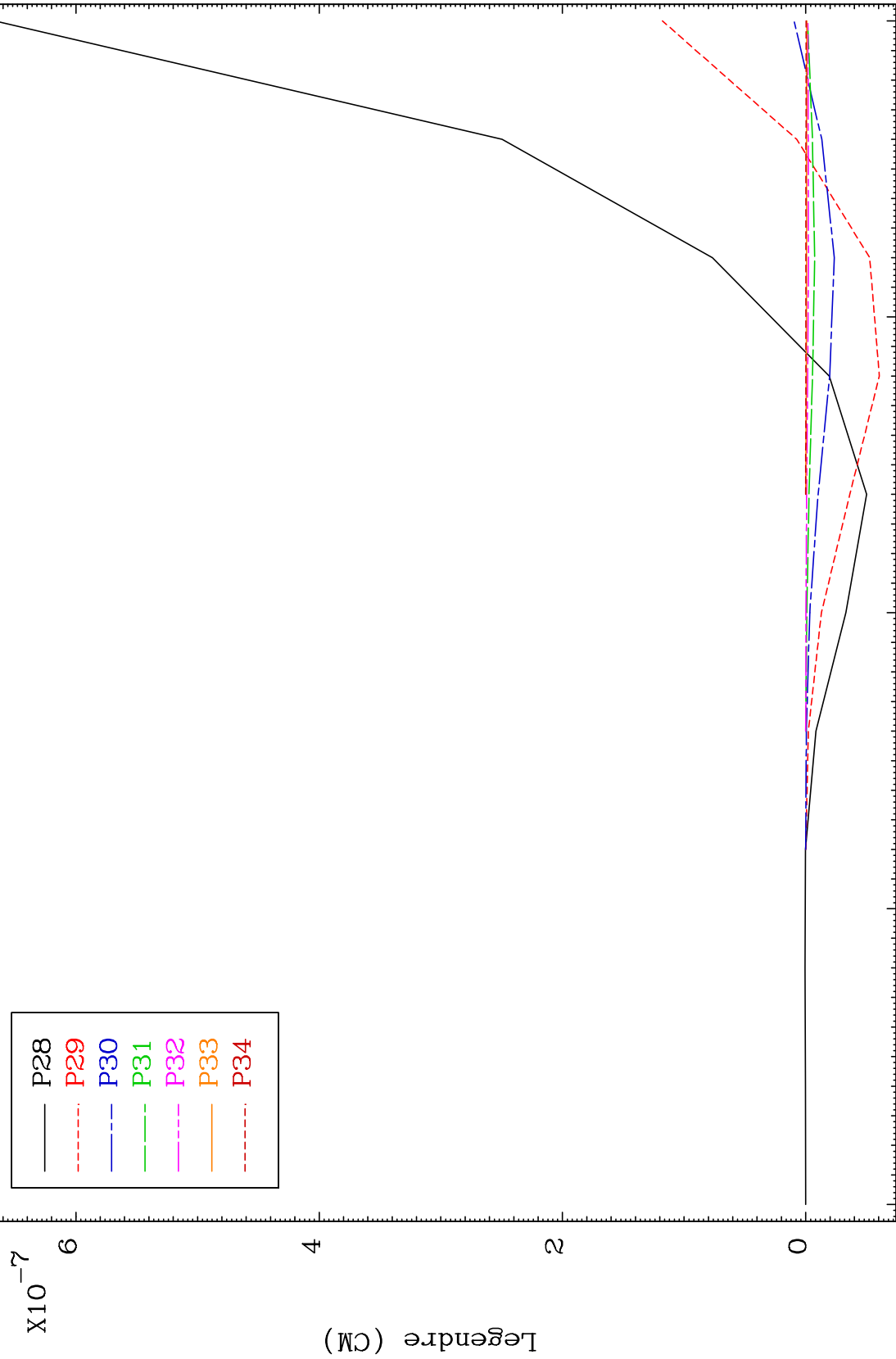
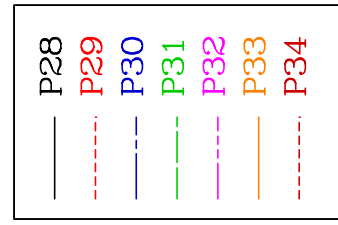
Incident Energy (MeV)

57-La-126

MAT 5689

Elastic Legendre Coefficients

57-La-126



19

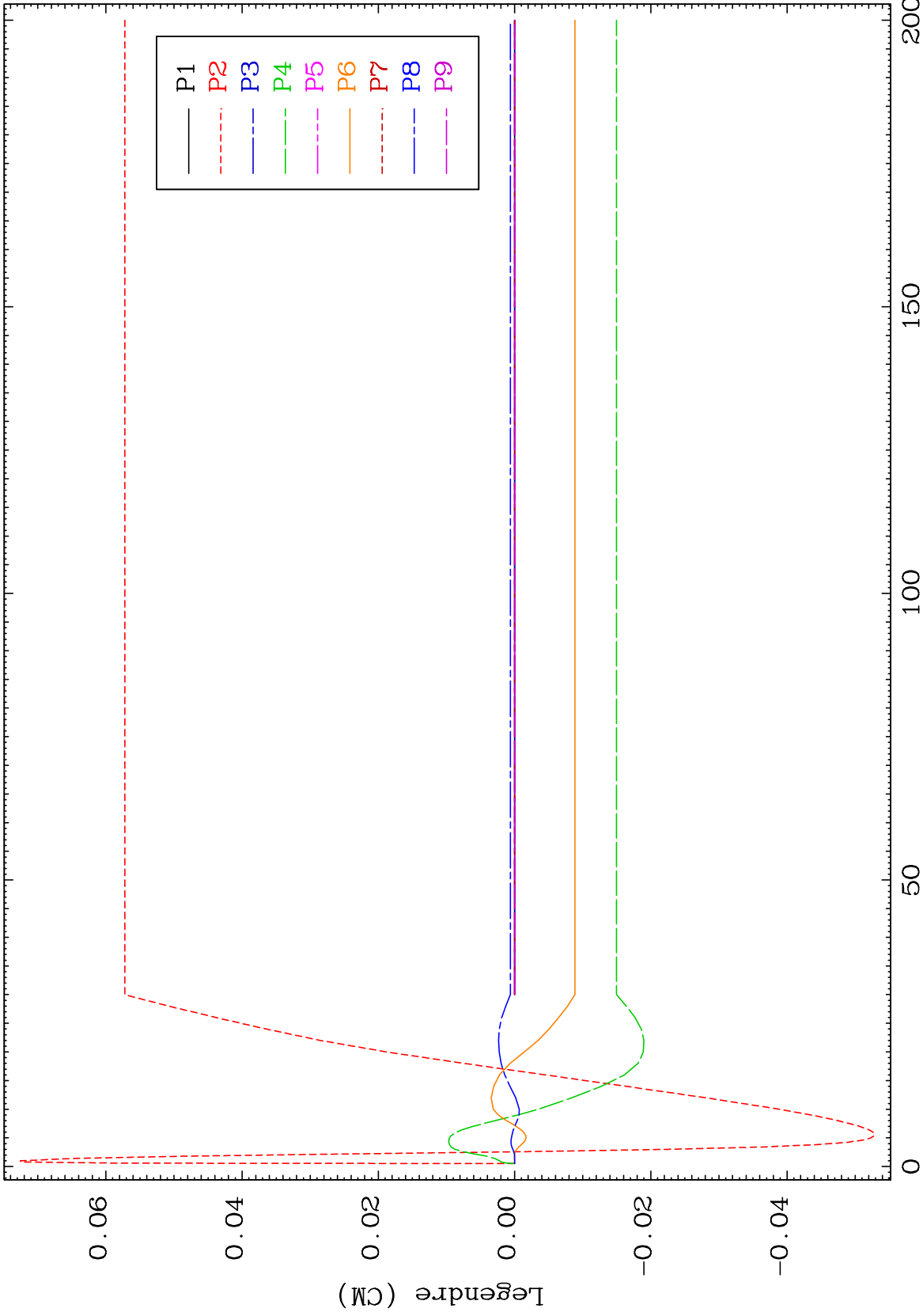
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



20

Incident Energy (MeV)

50

57-La-126

100

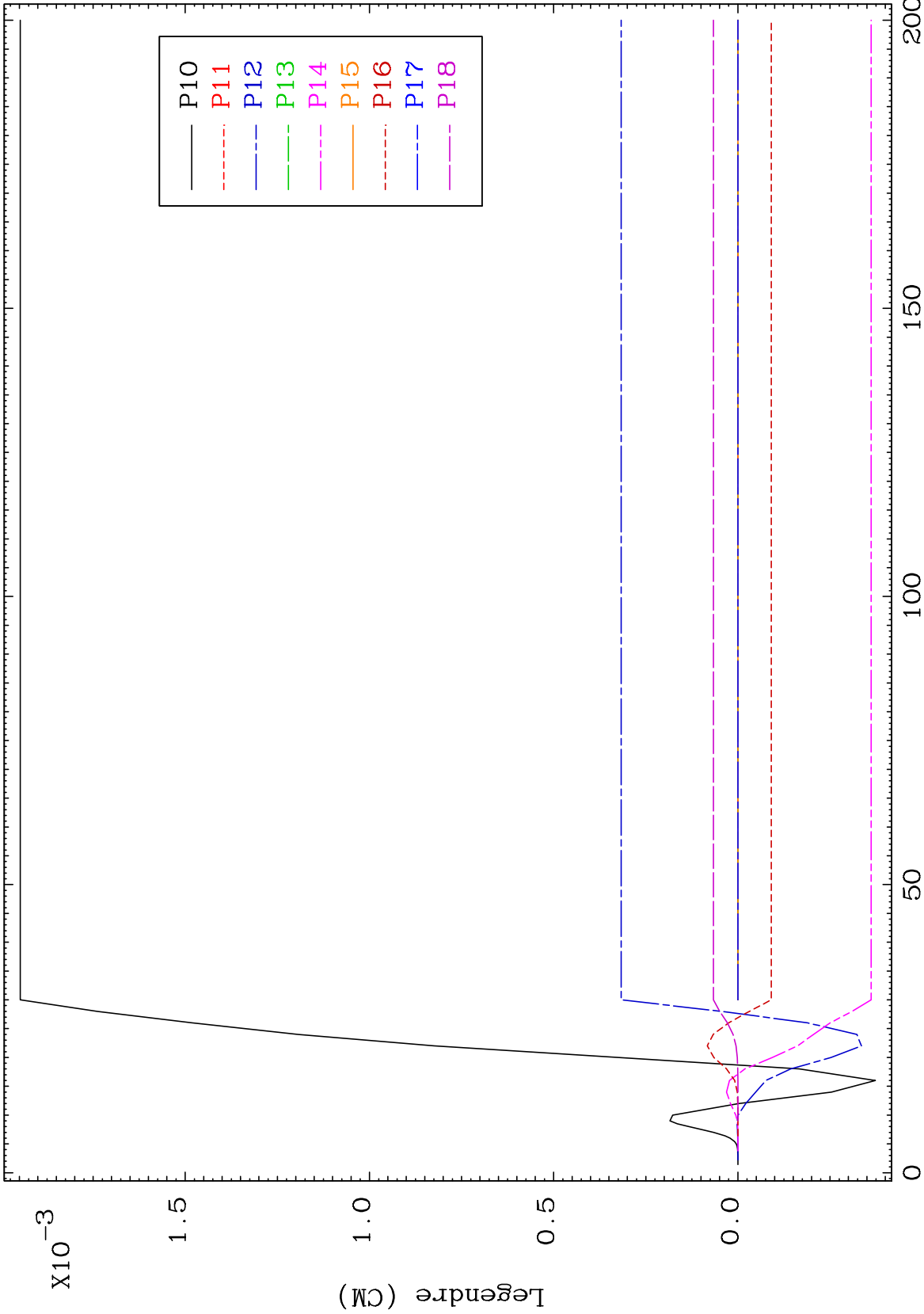
150

200

MAT 5689

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

57-La-126



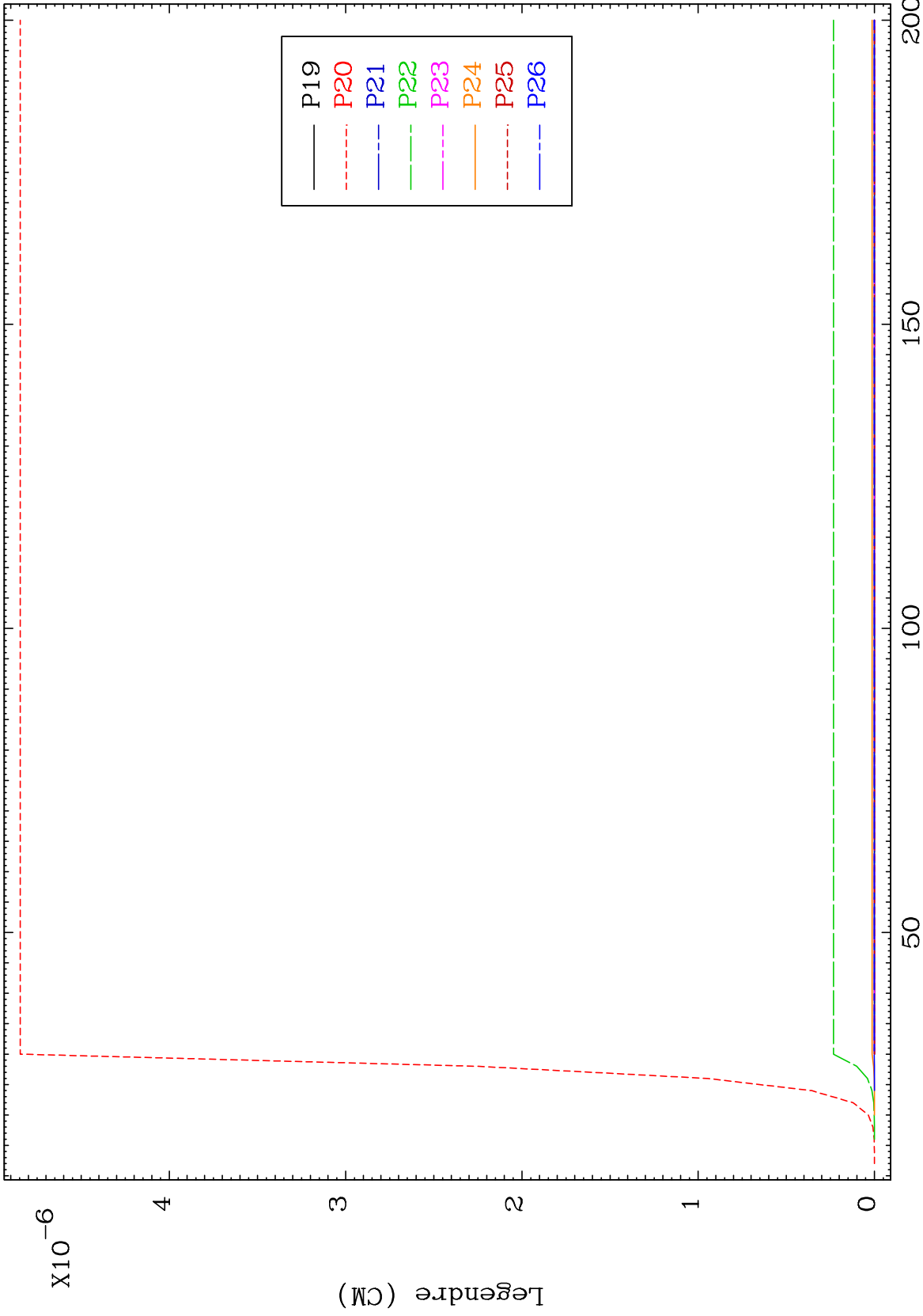
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57-La-126

MAT 5689

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

57-La-126



22

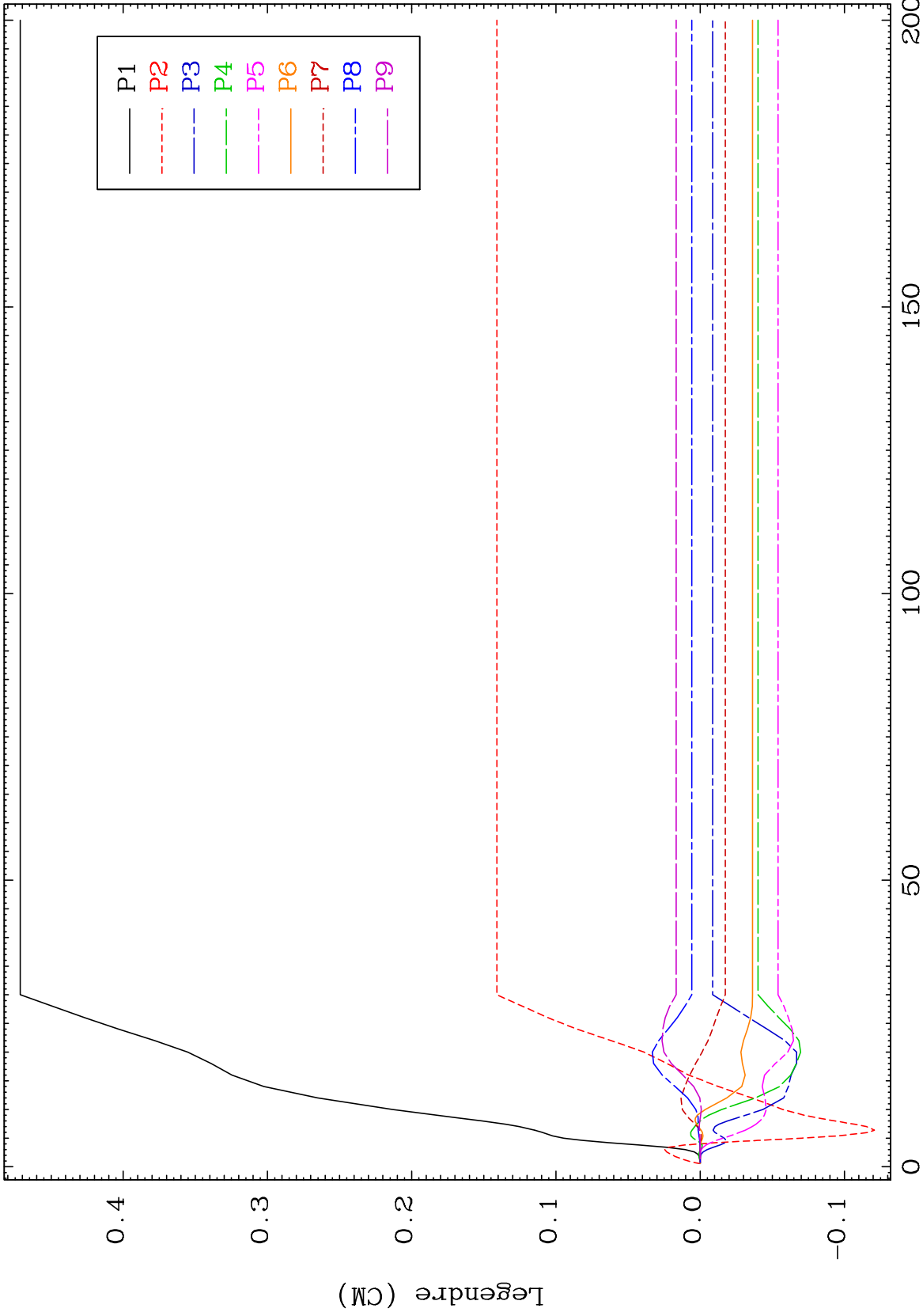
57-La-126

57-La-126

MAT 5689

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

57-La-126



23

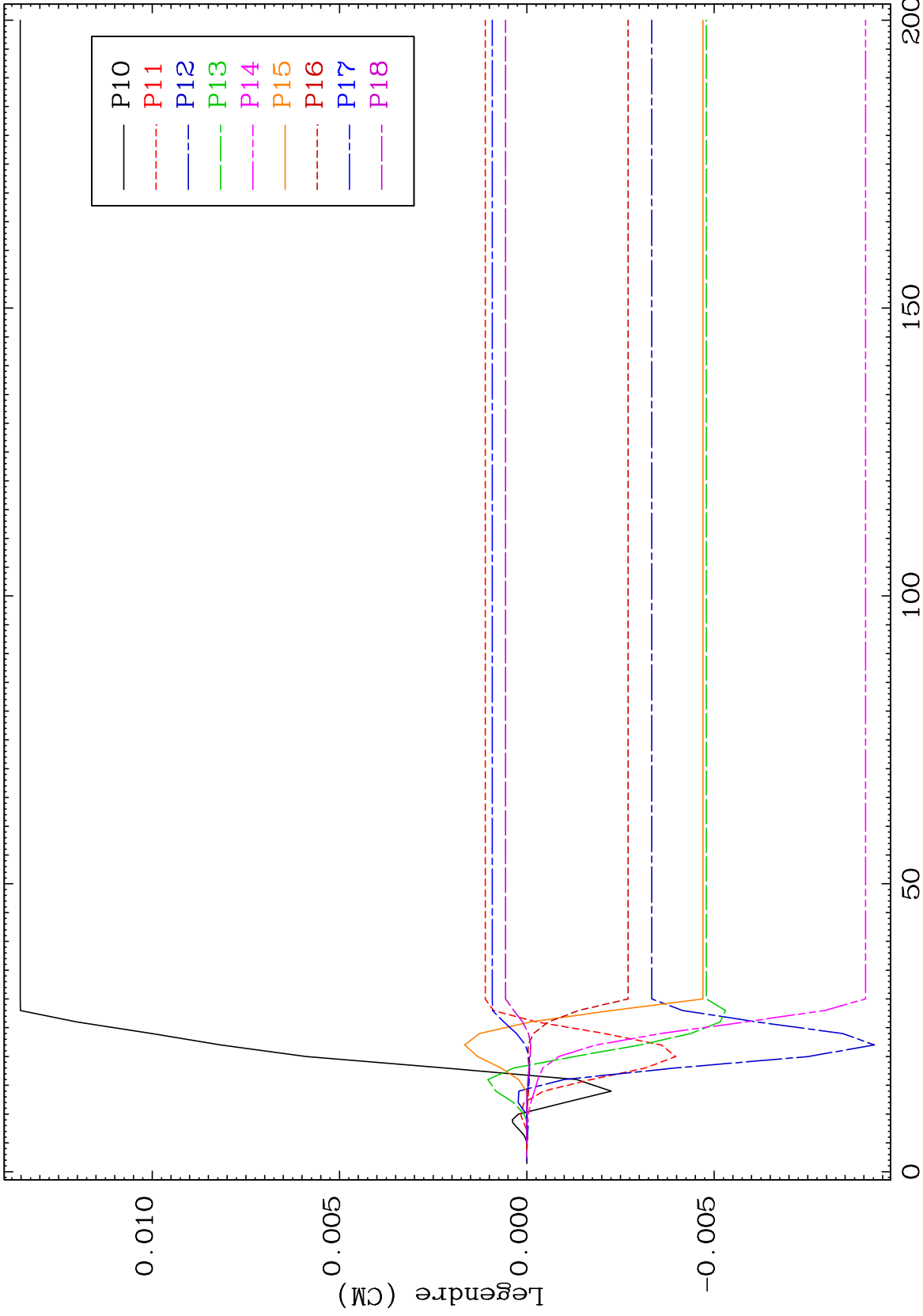
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



24

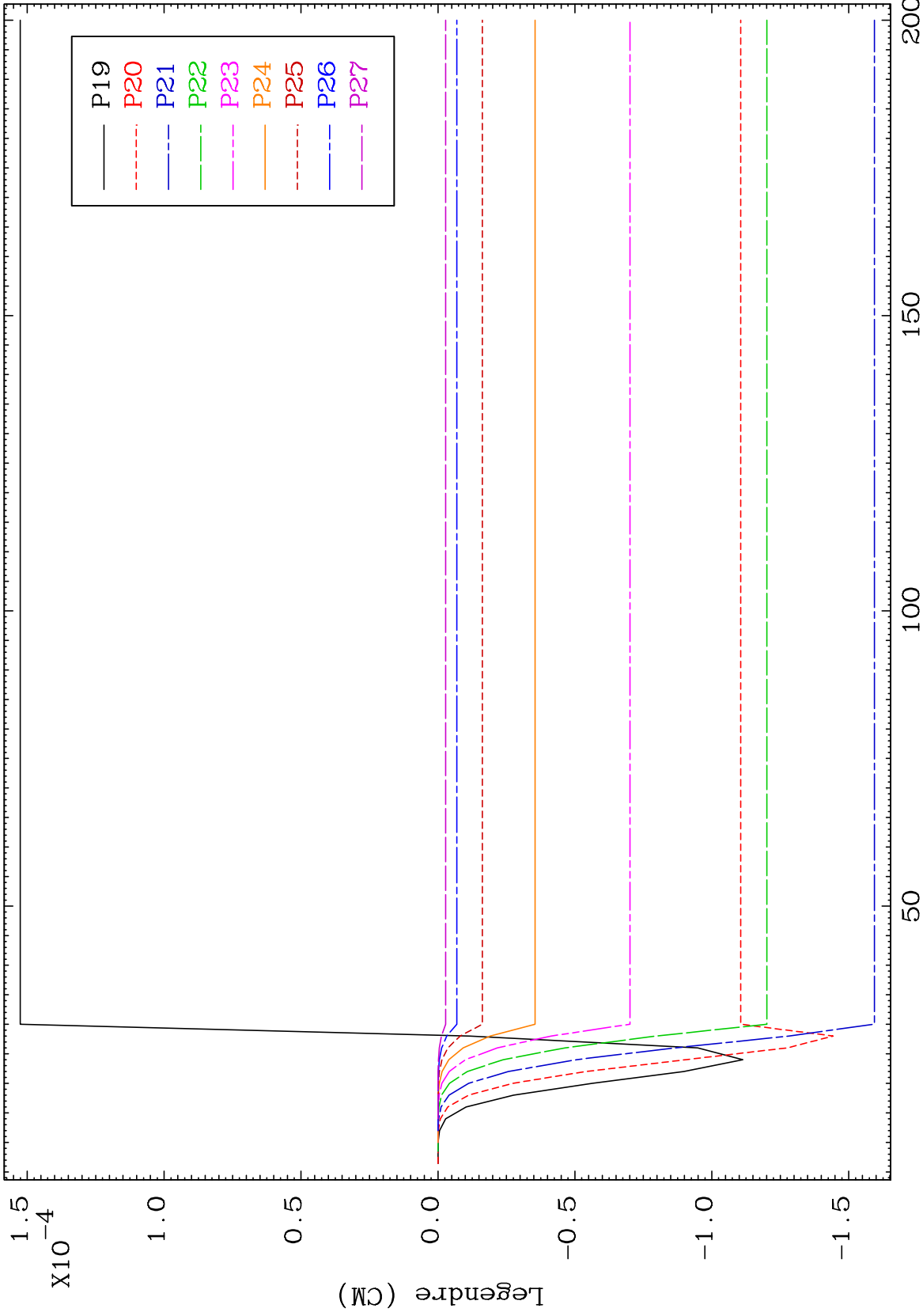
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



25

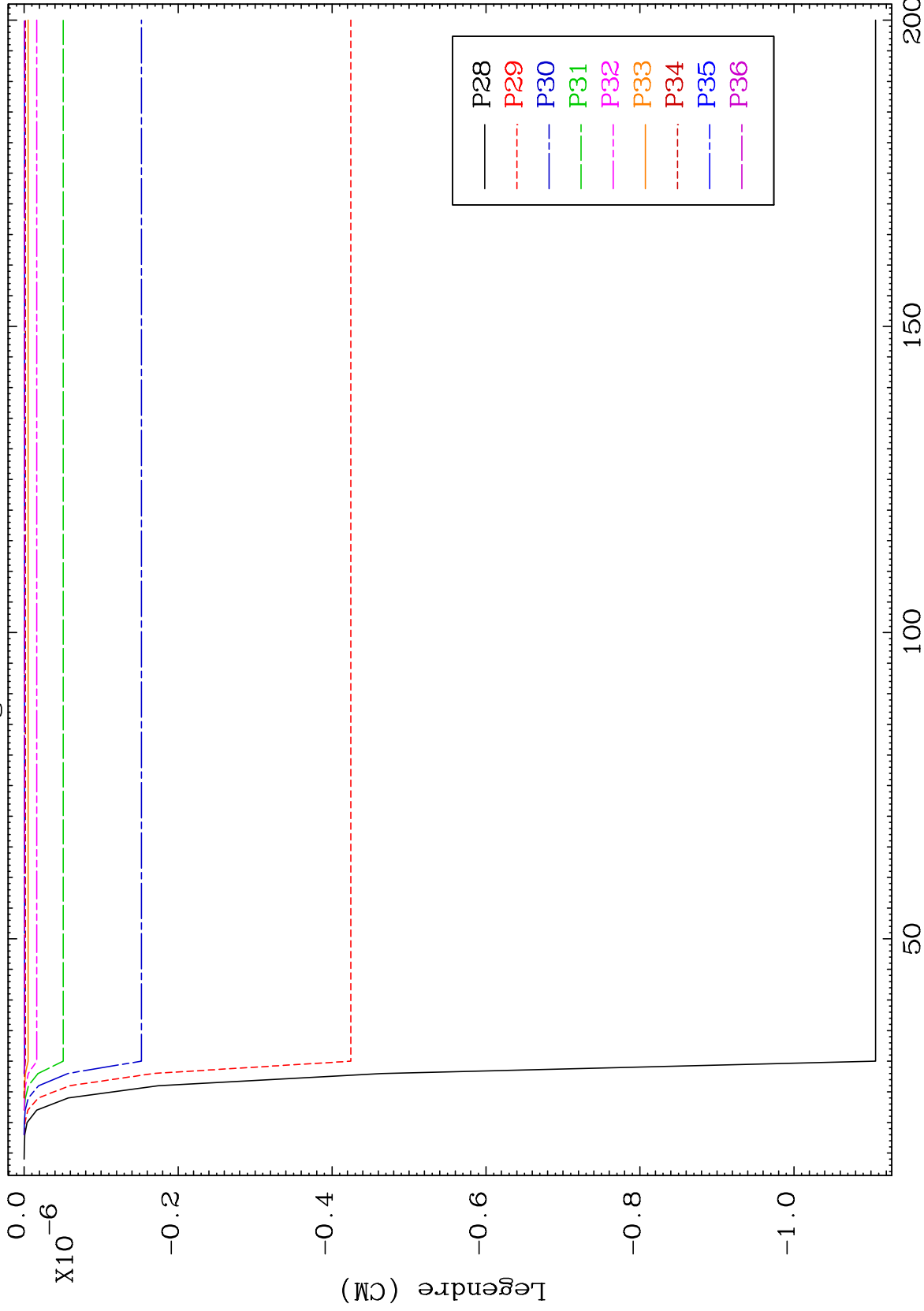
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



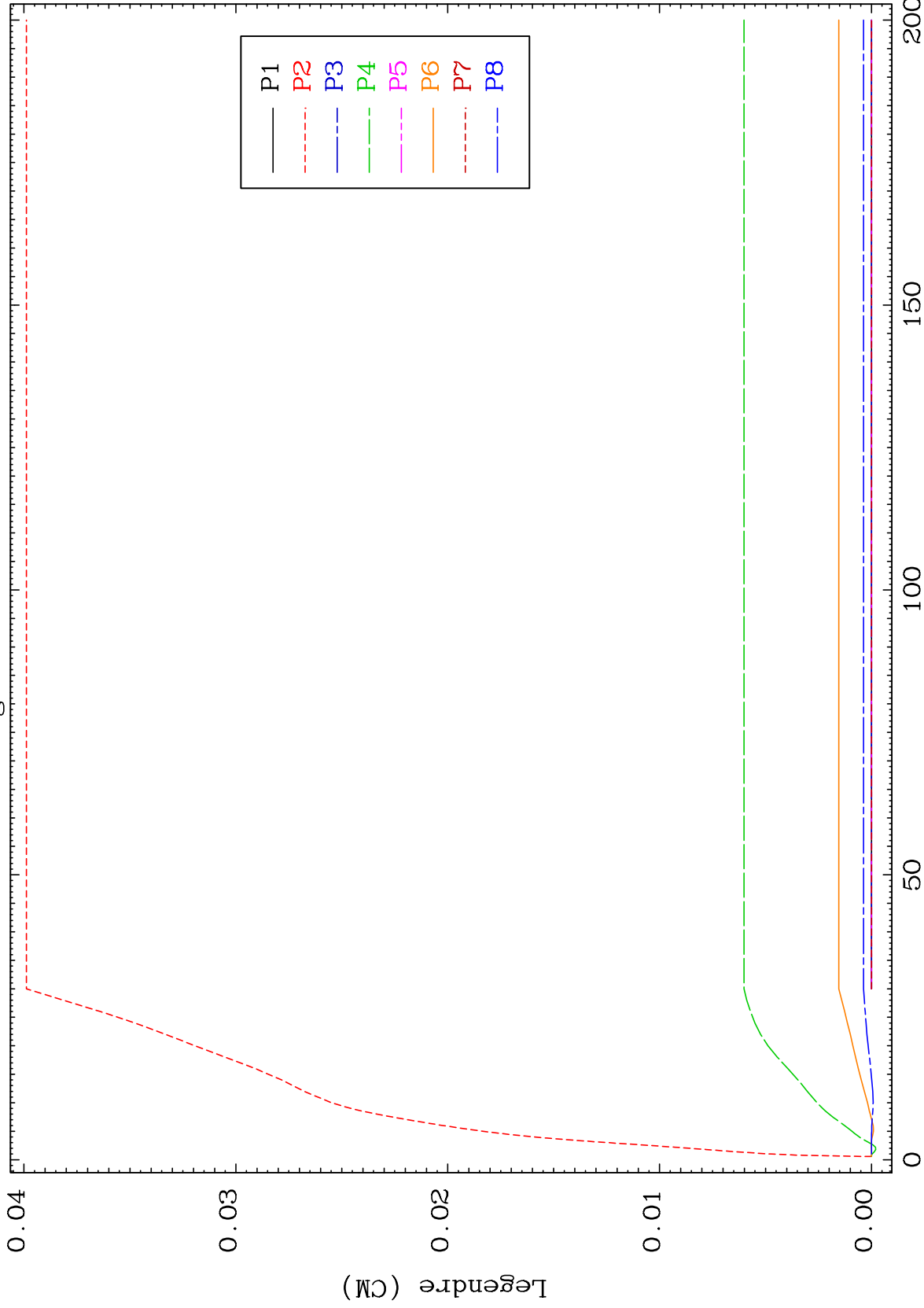
26

57-La-126

MAT 5689

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

57-La-126



27

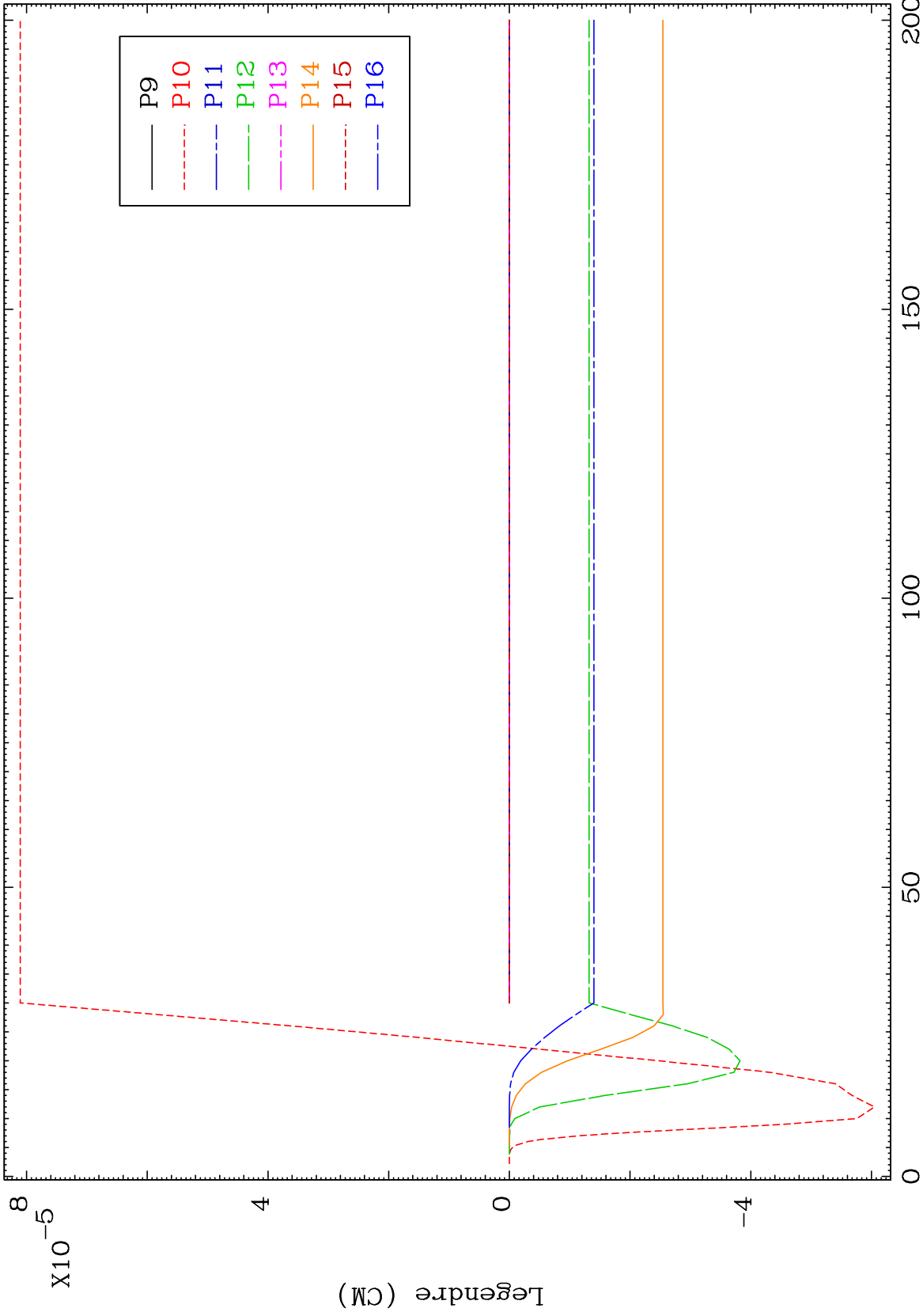
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



28

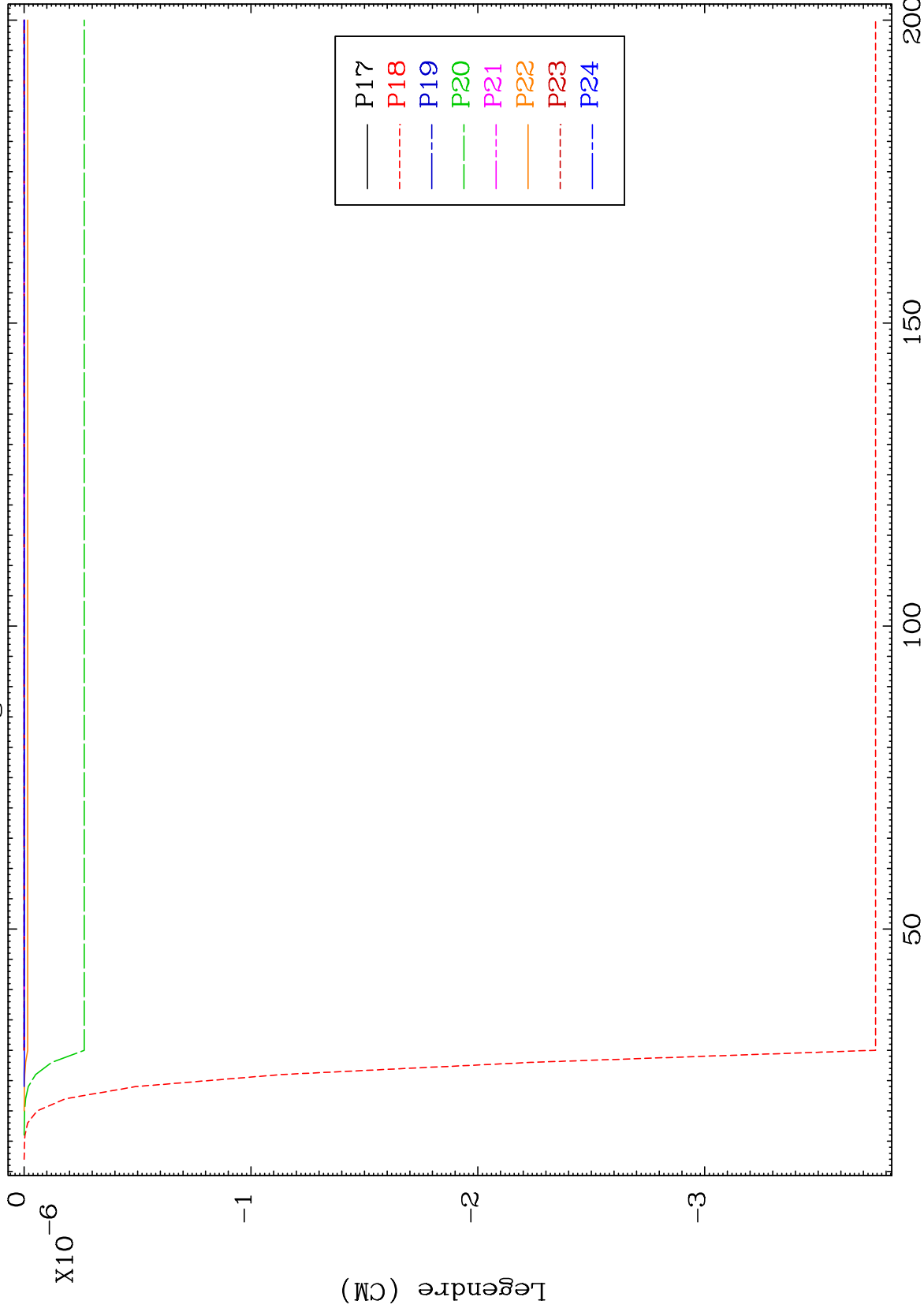
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57-La-126

MAT 5689

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

57-La-126



29

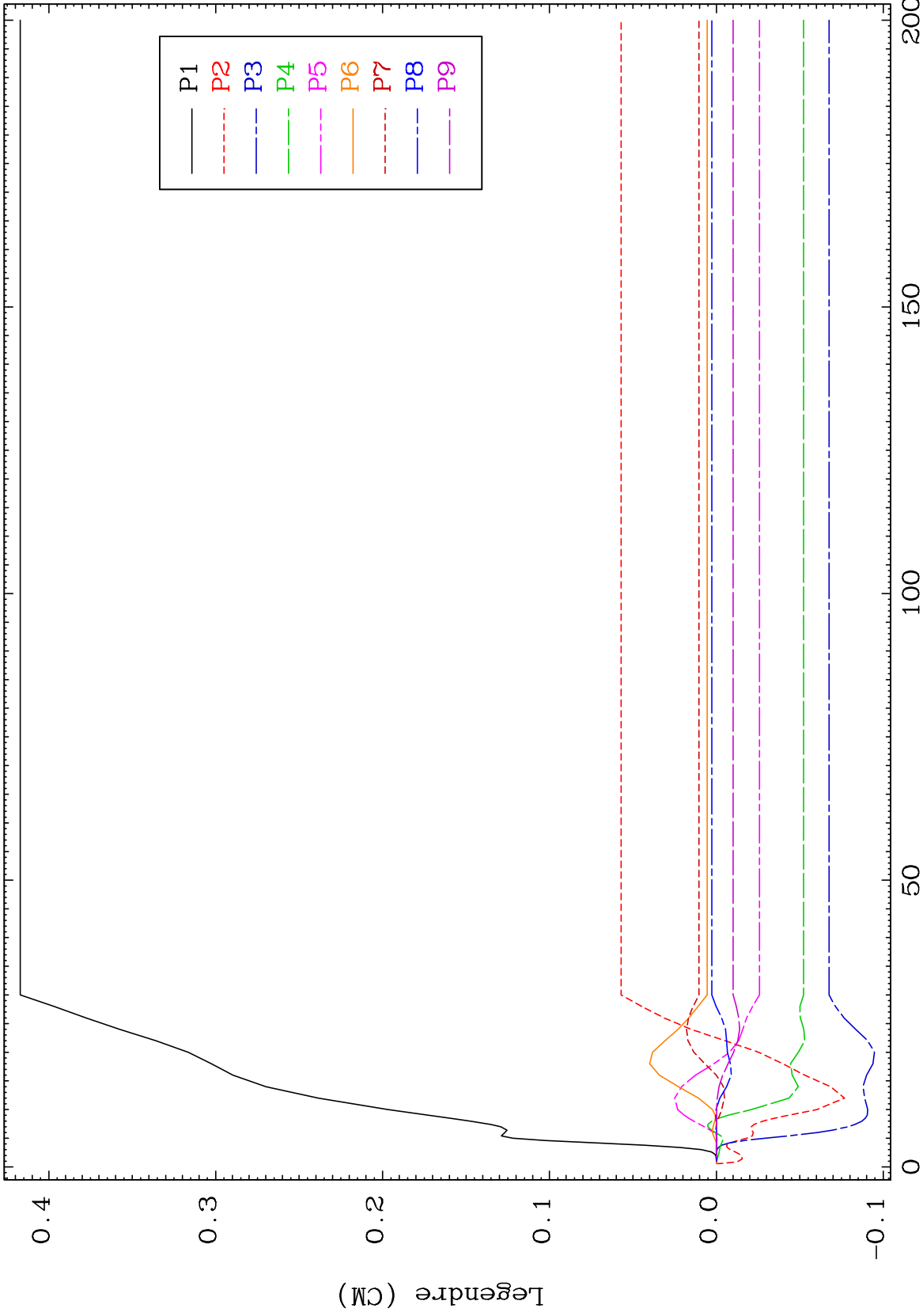
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57-La-126

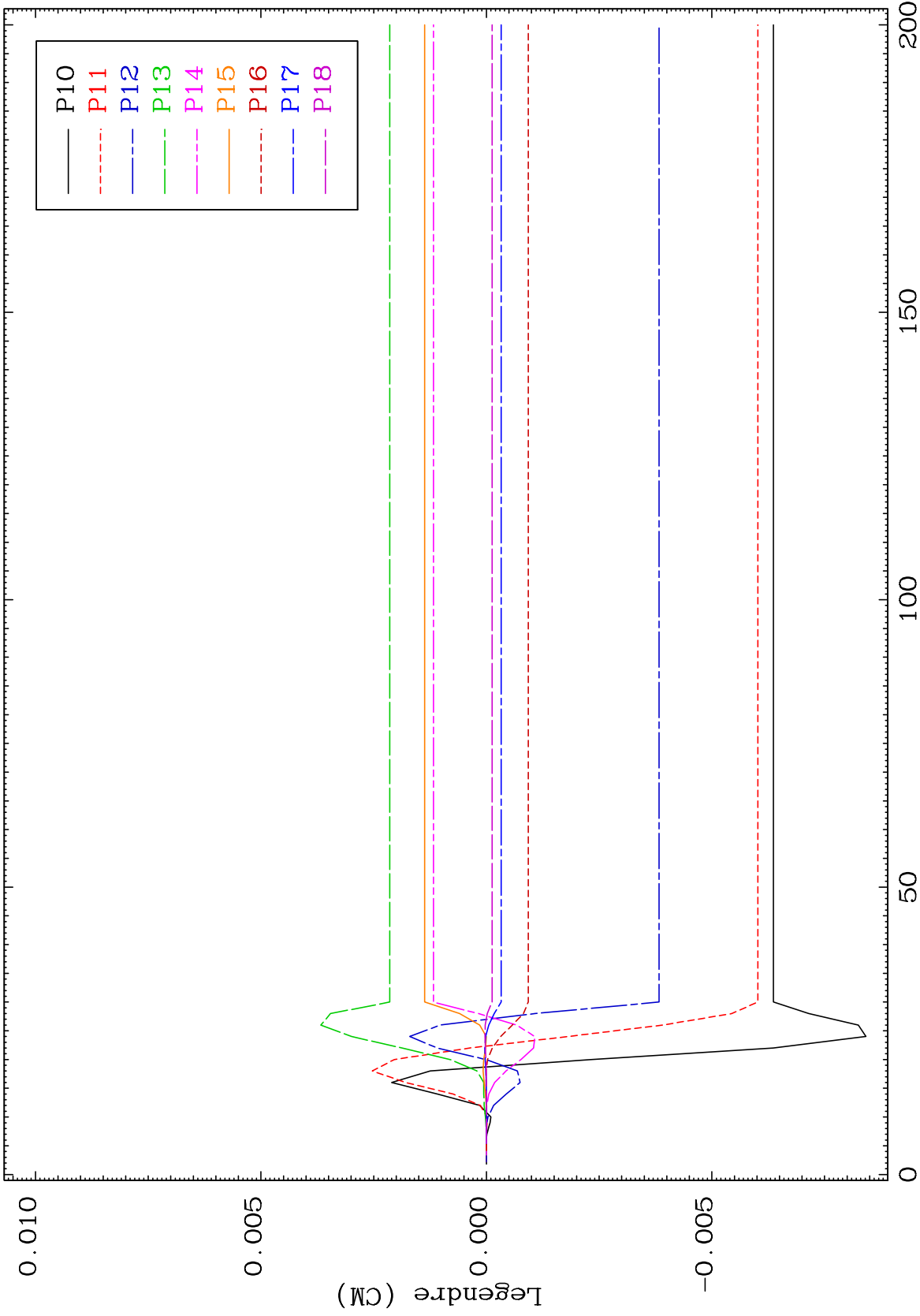
Incident Energy (MeV)

30

MAT 5689

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

57-La-126



31

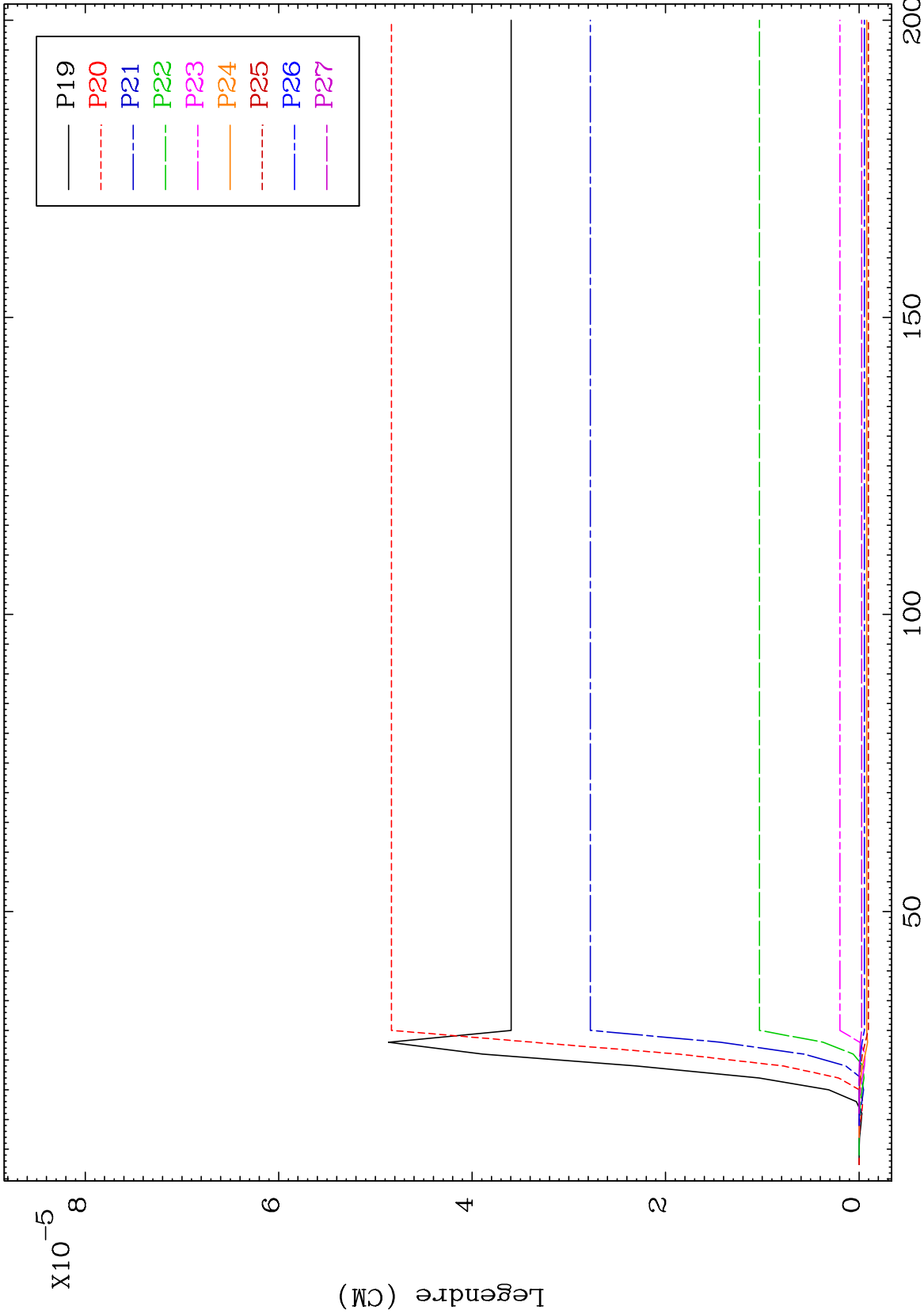
Incident Energy (MeV)

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MAT 5689

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

57-La-126



32

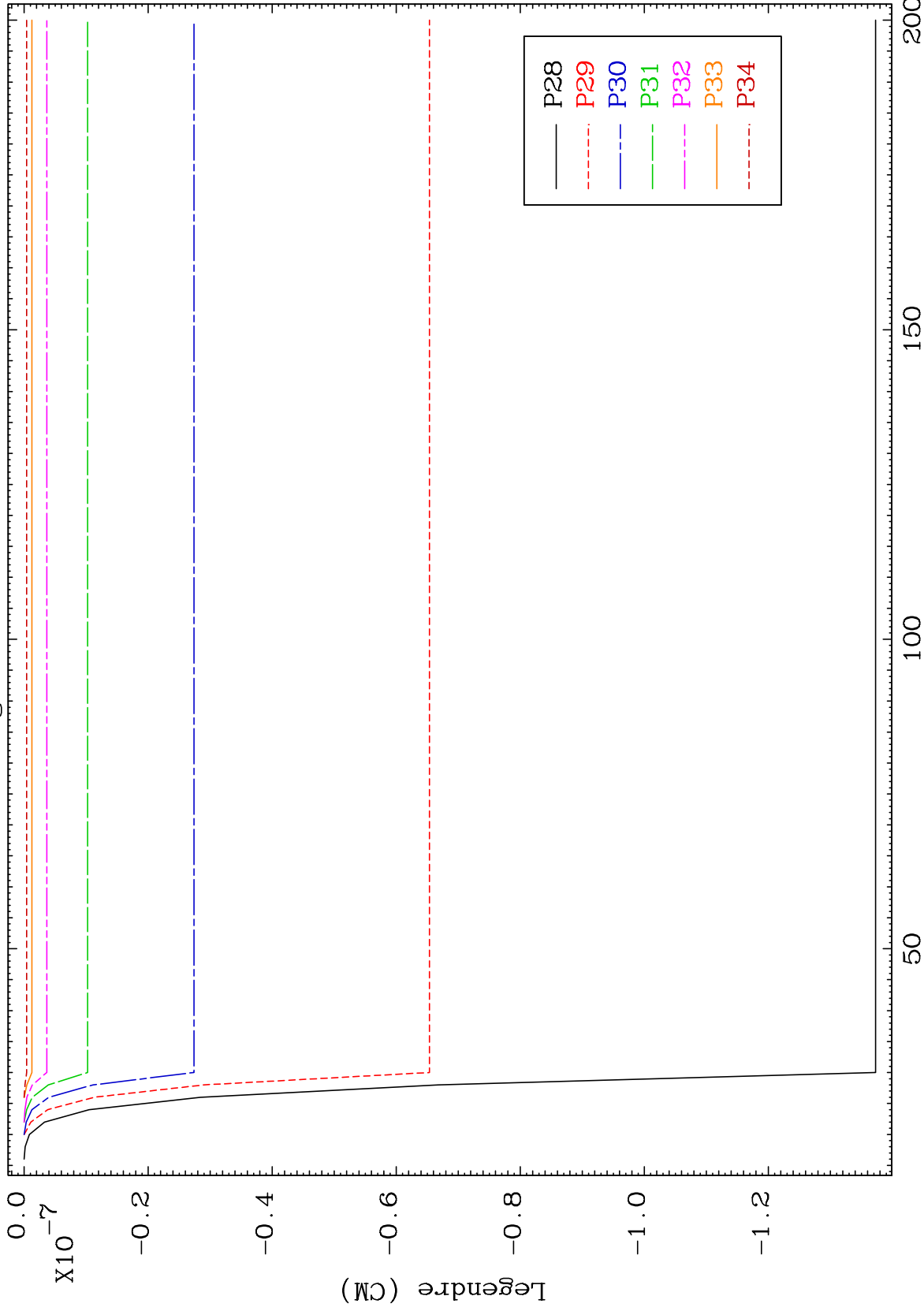
Incident Energy (MeV)

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MAT 5689

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

57-La-126



33

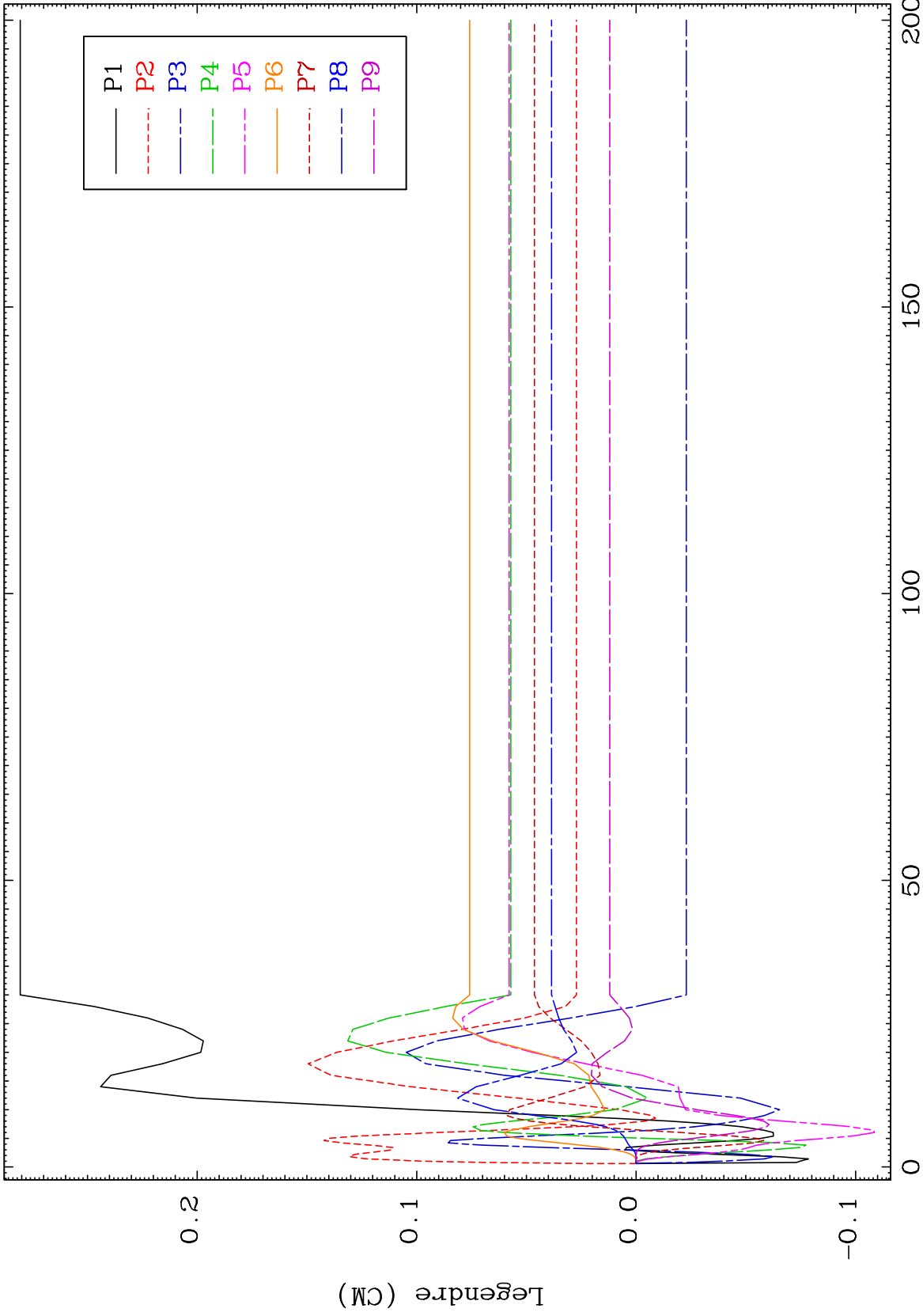
57-La-126

57-La-126

MAT 5689

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

57-La-126



34

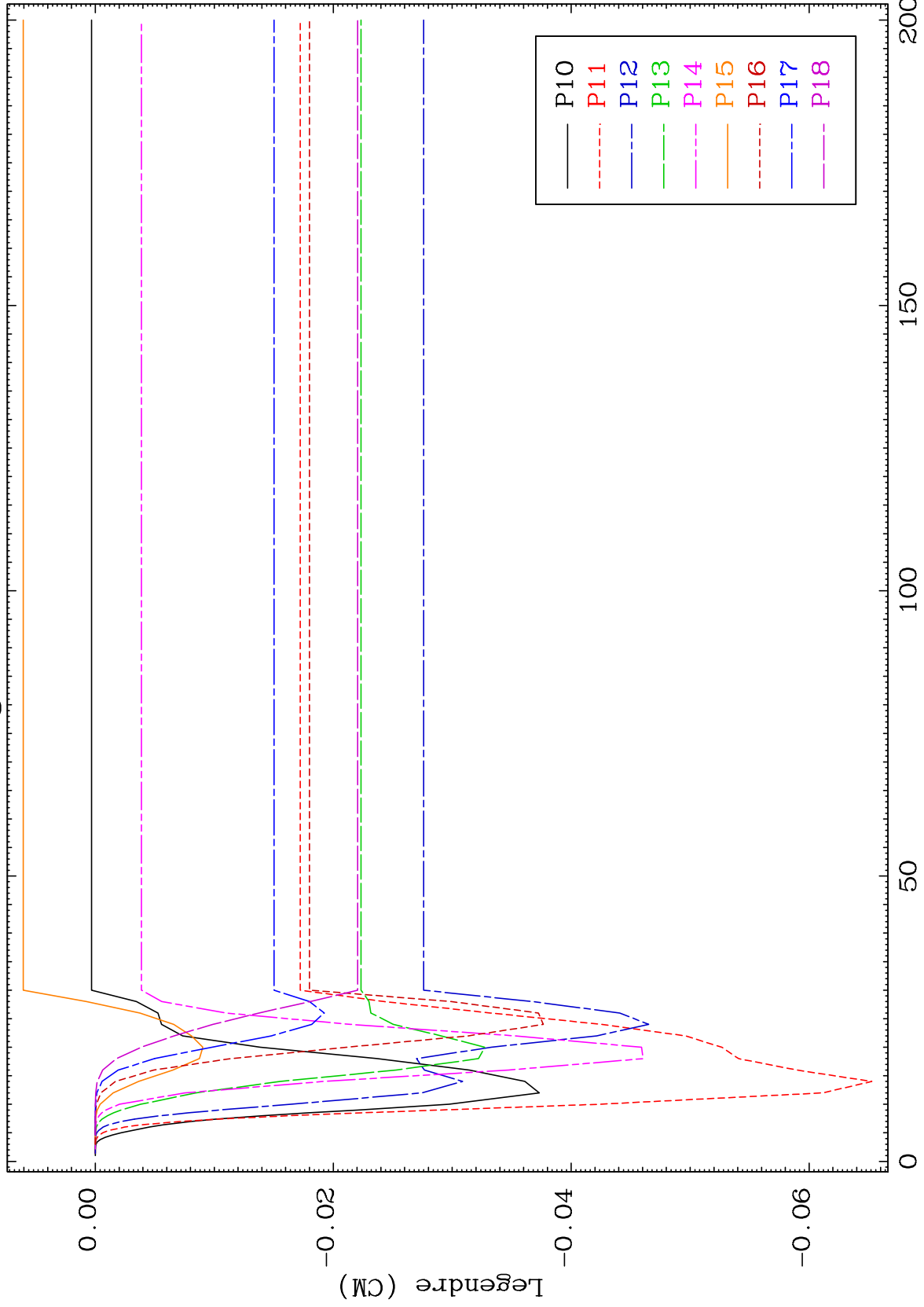
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



35

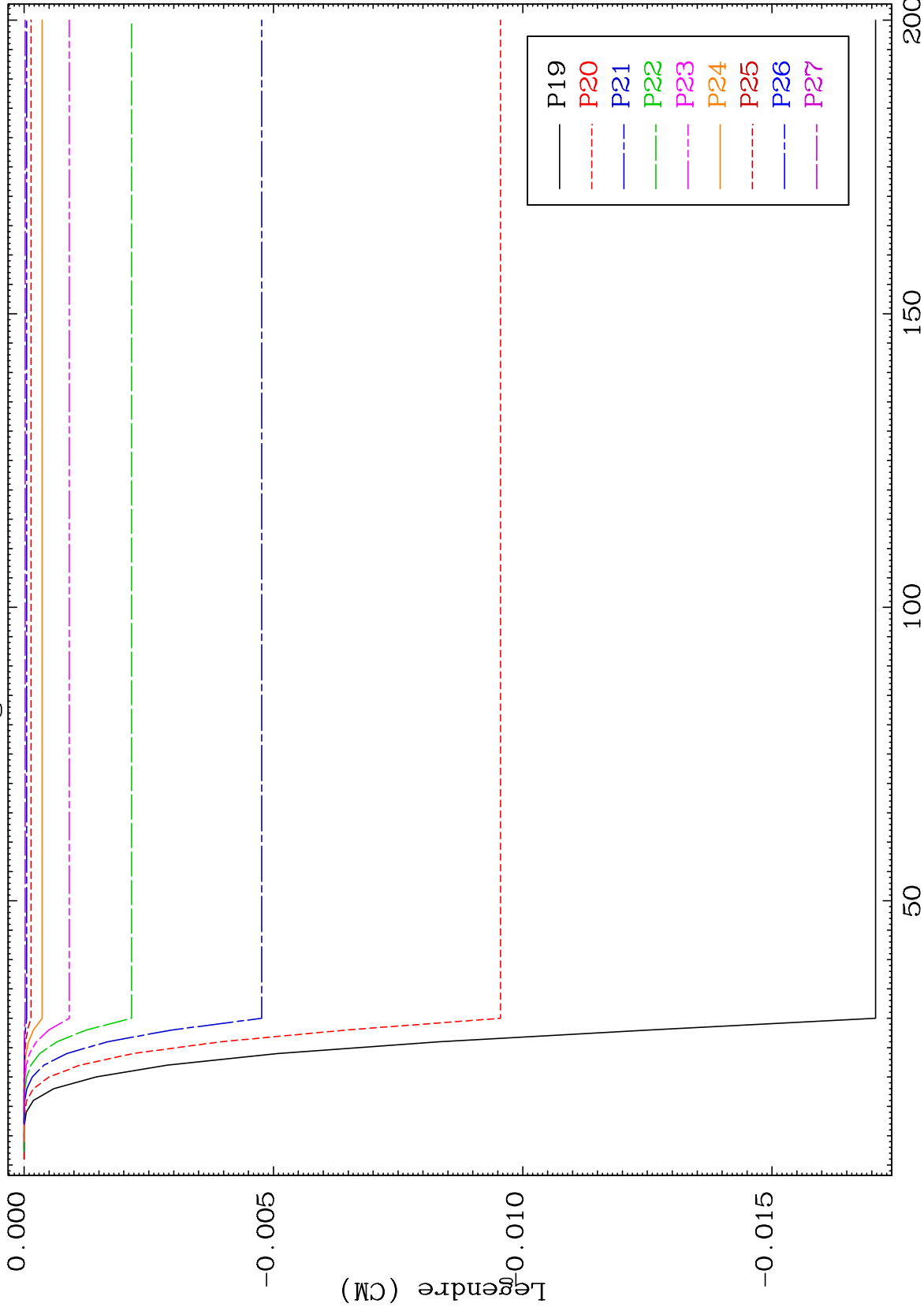
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



36

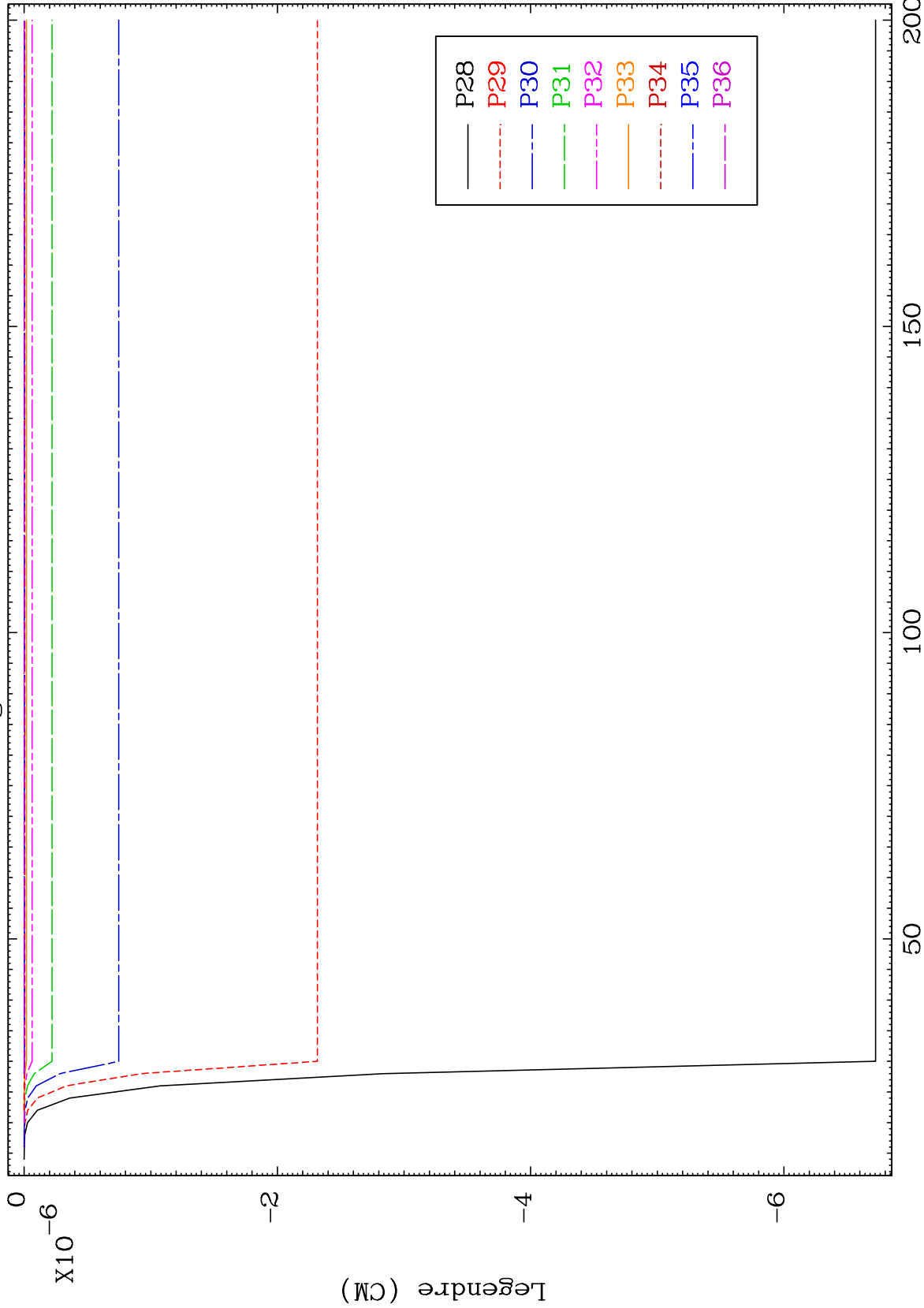
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



37

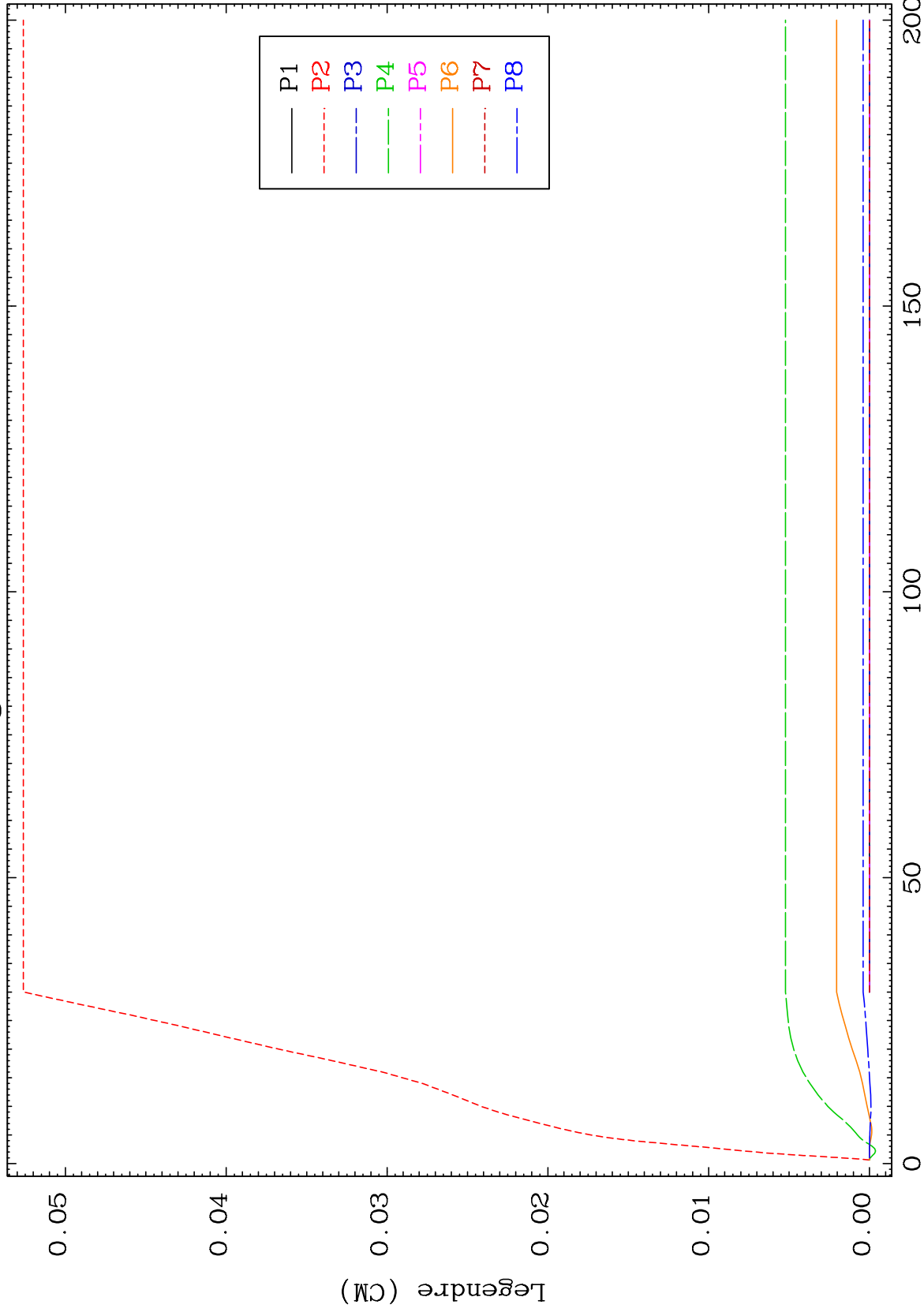
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



38

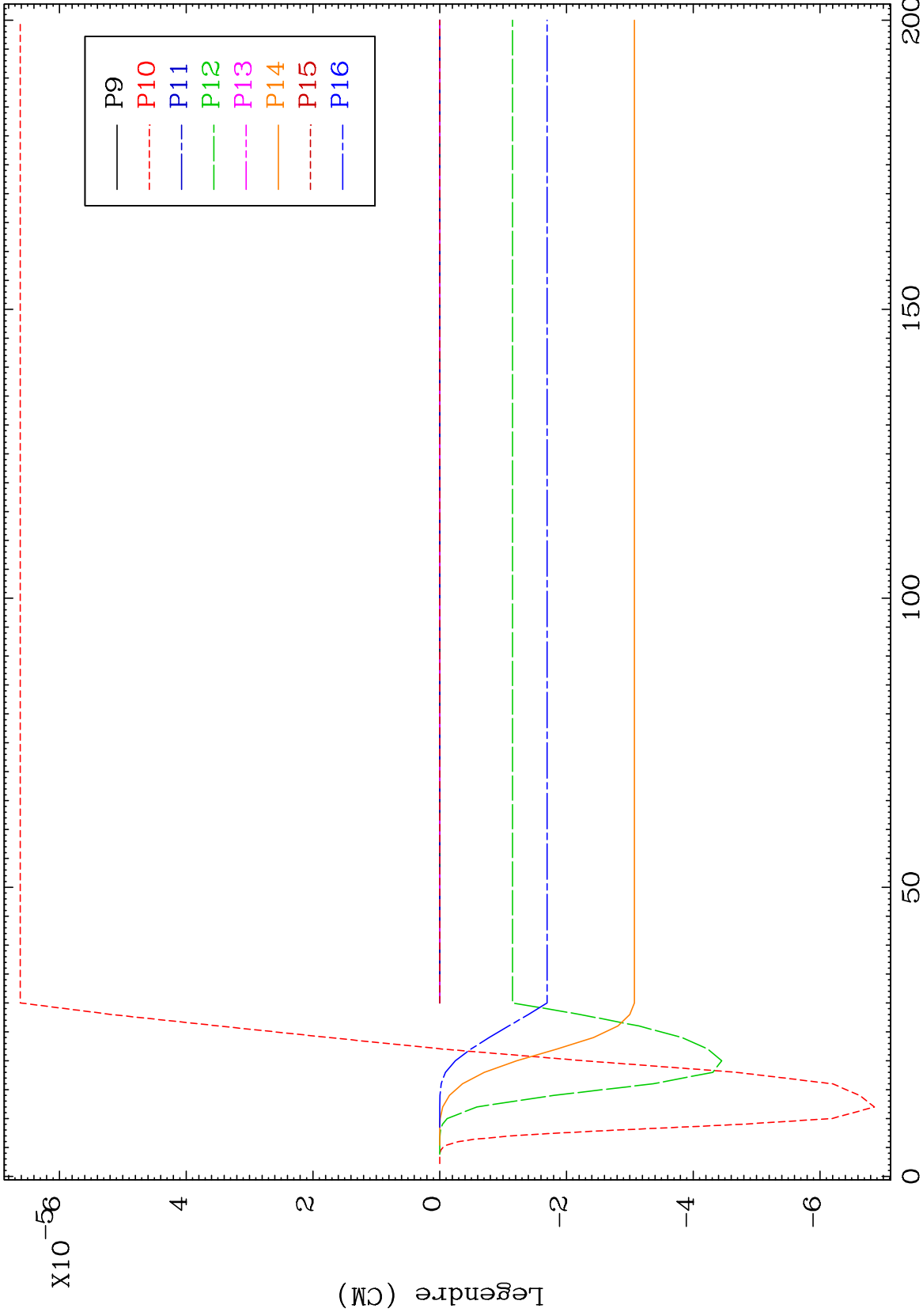
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



39

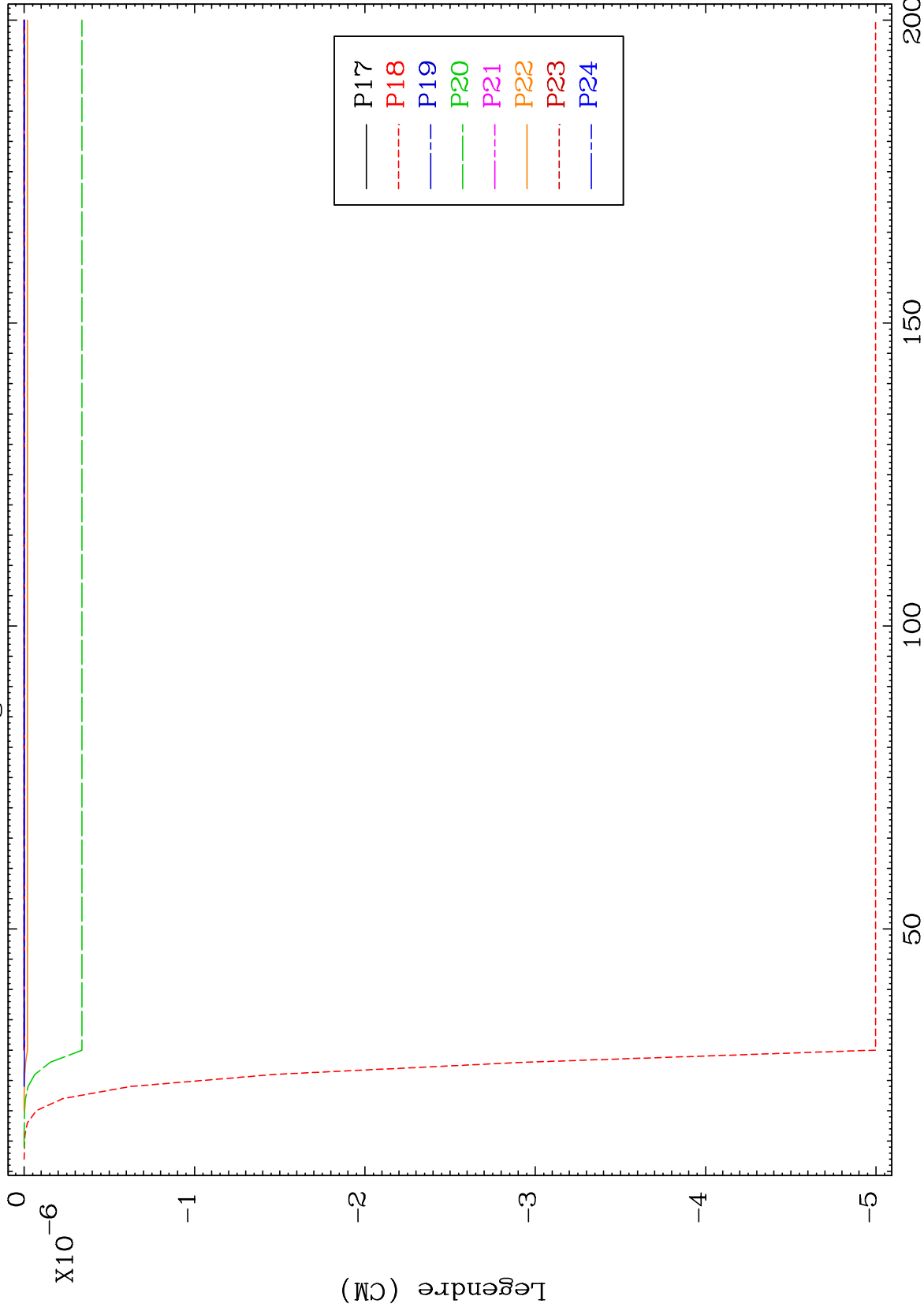
57-La-126

57-La-126

MAT 5689

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

57-La-126



40

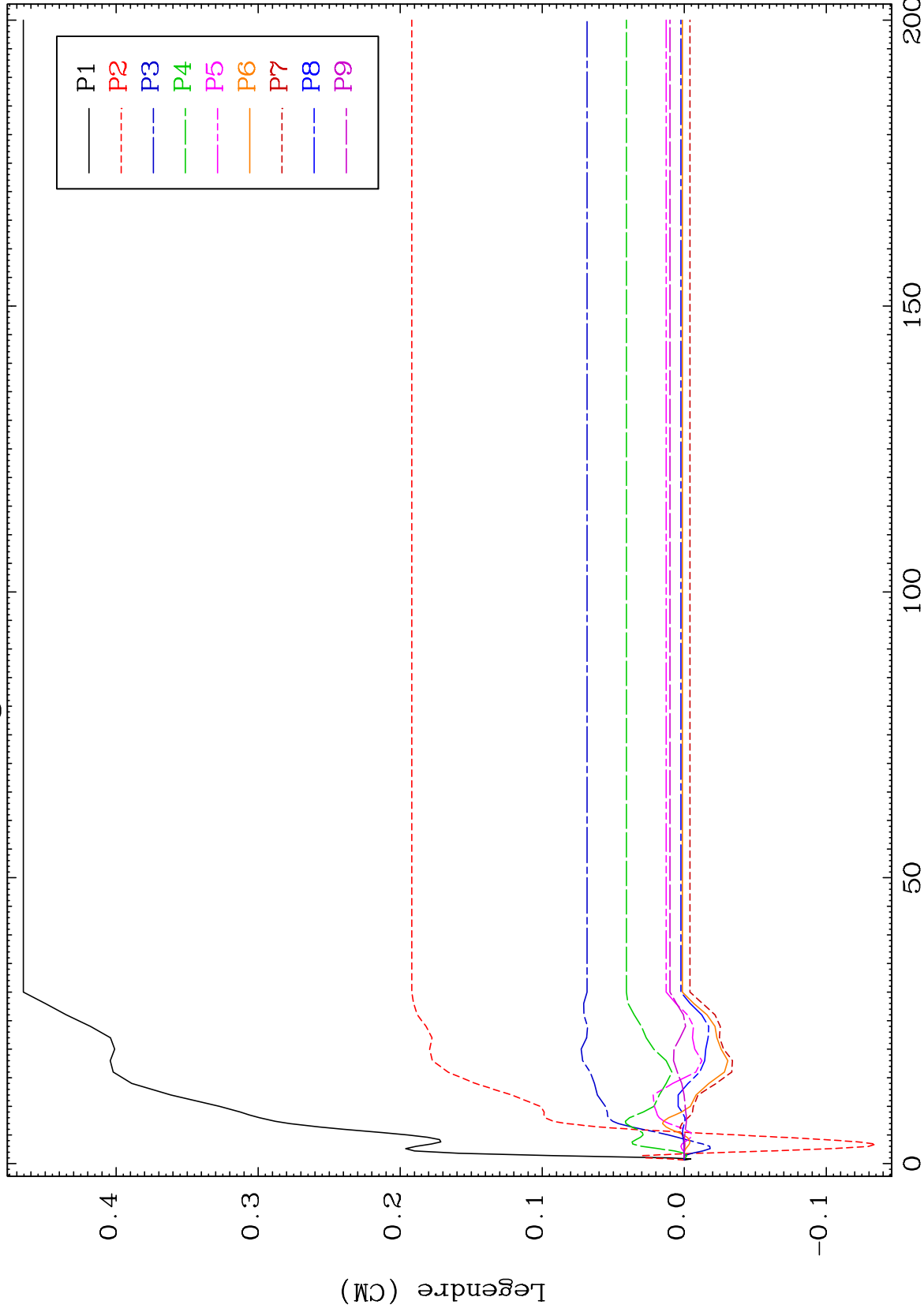
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



41

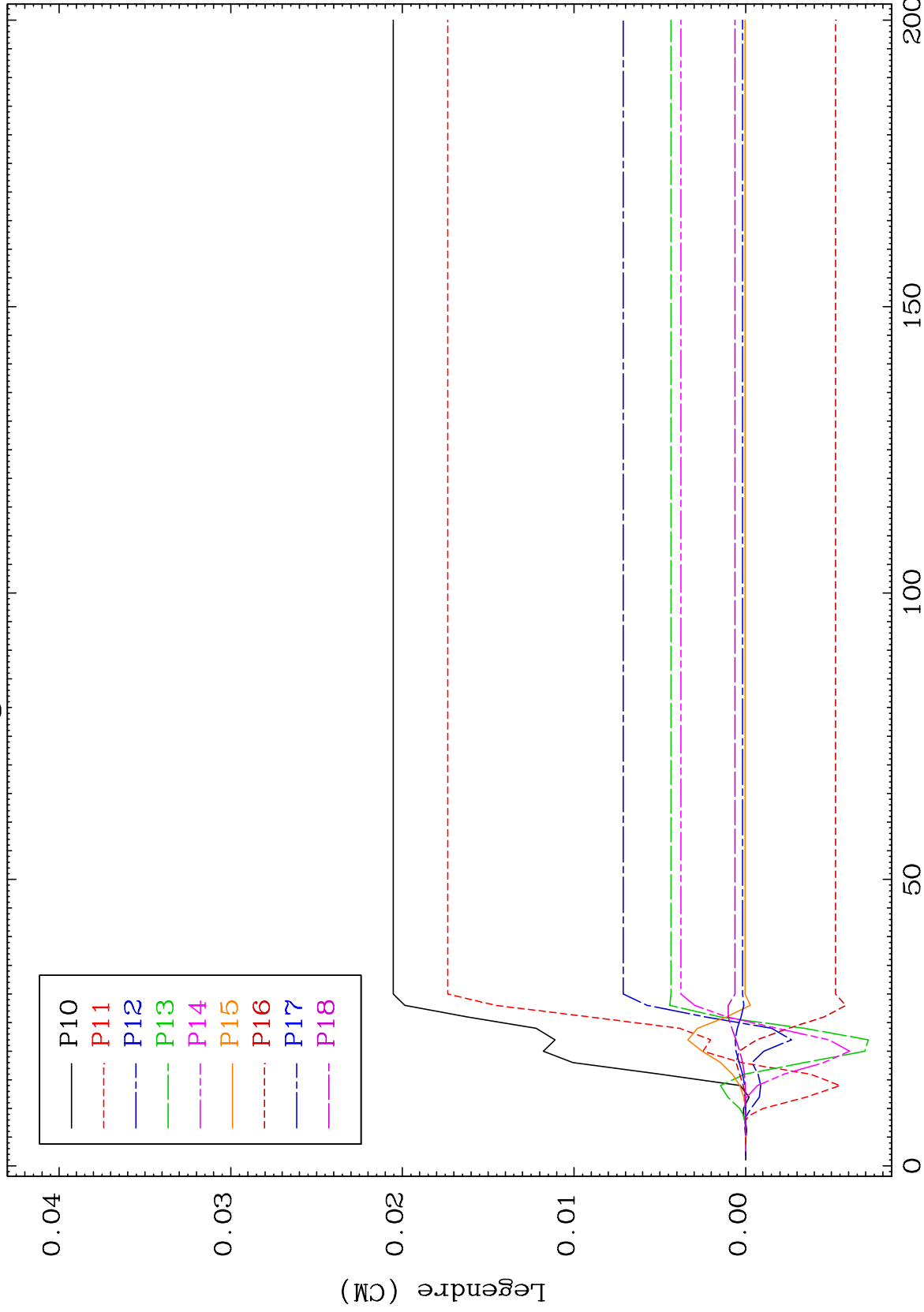
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



42

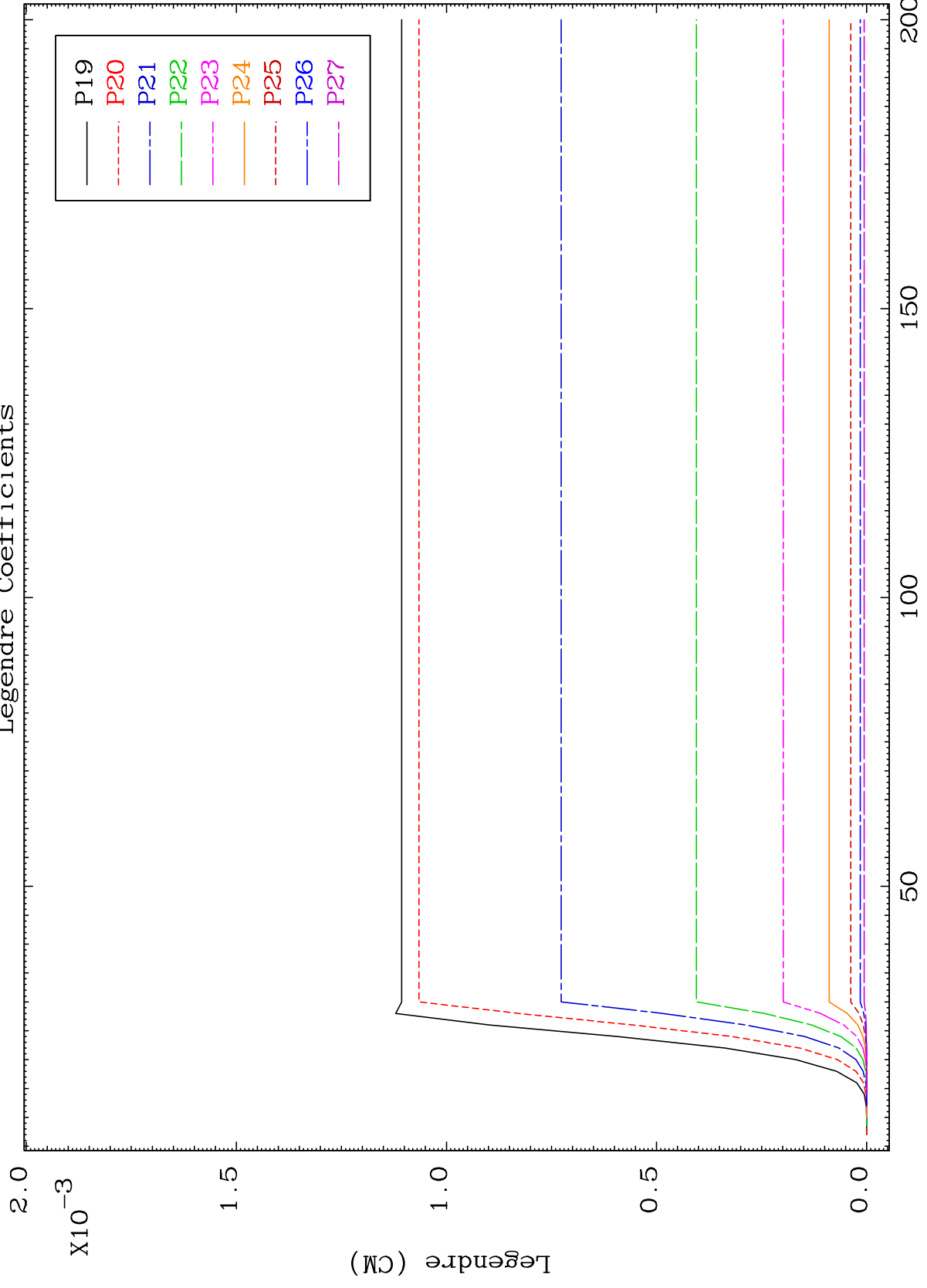
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



43

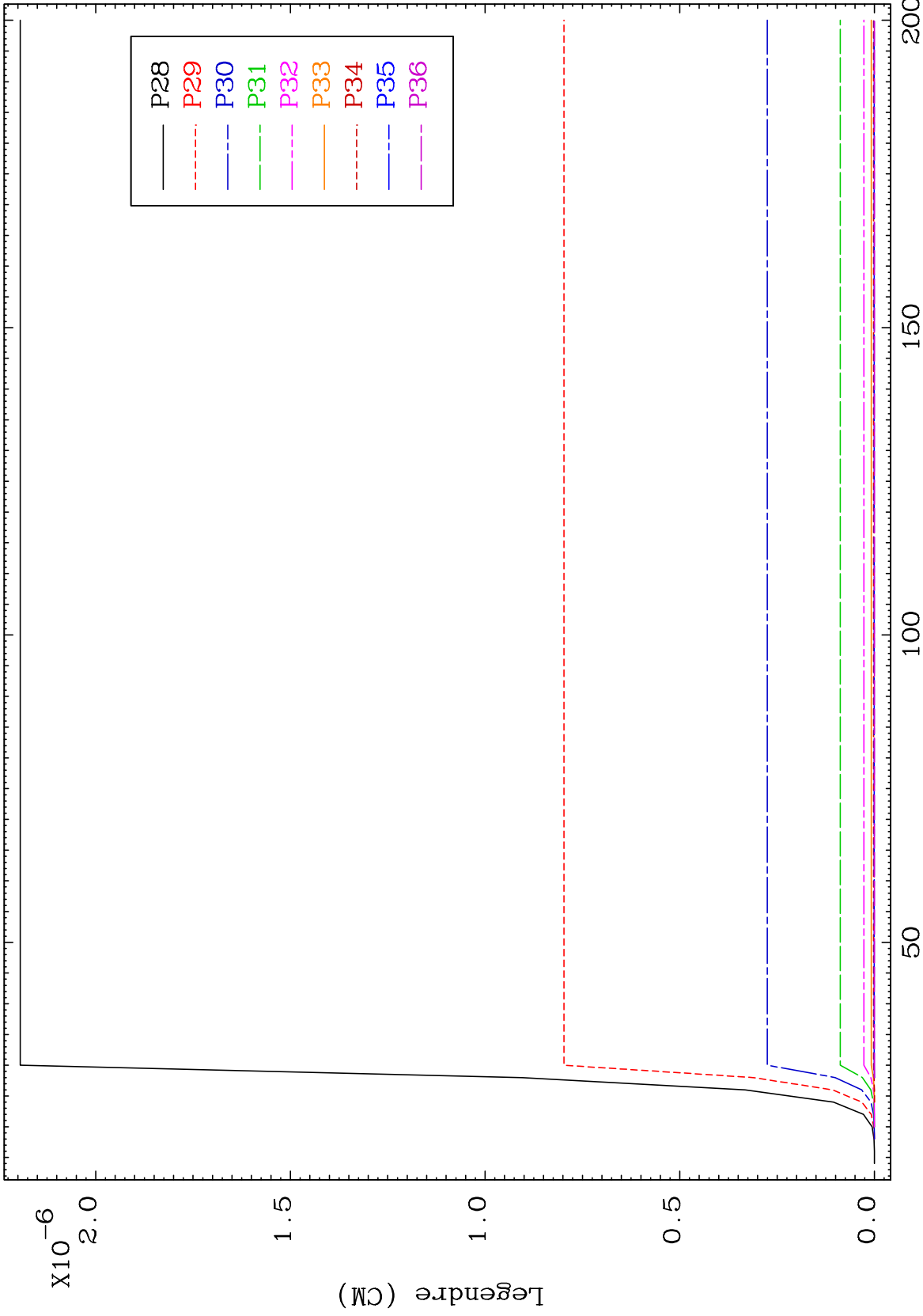
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



44

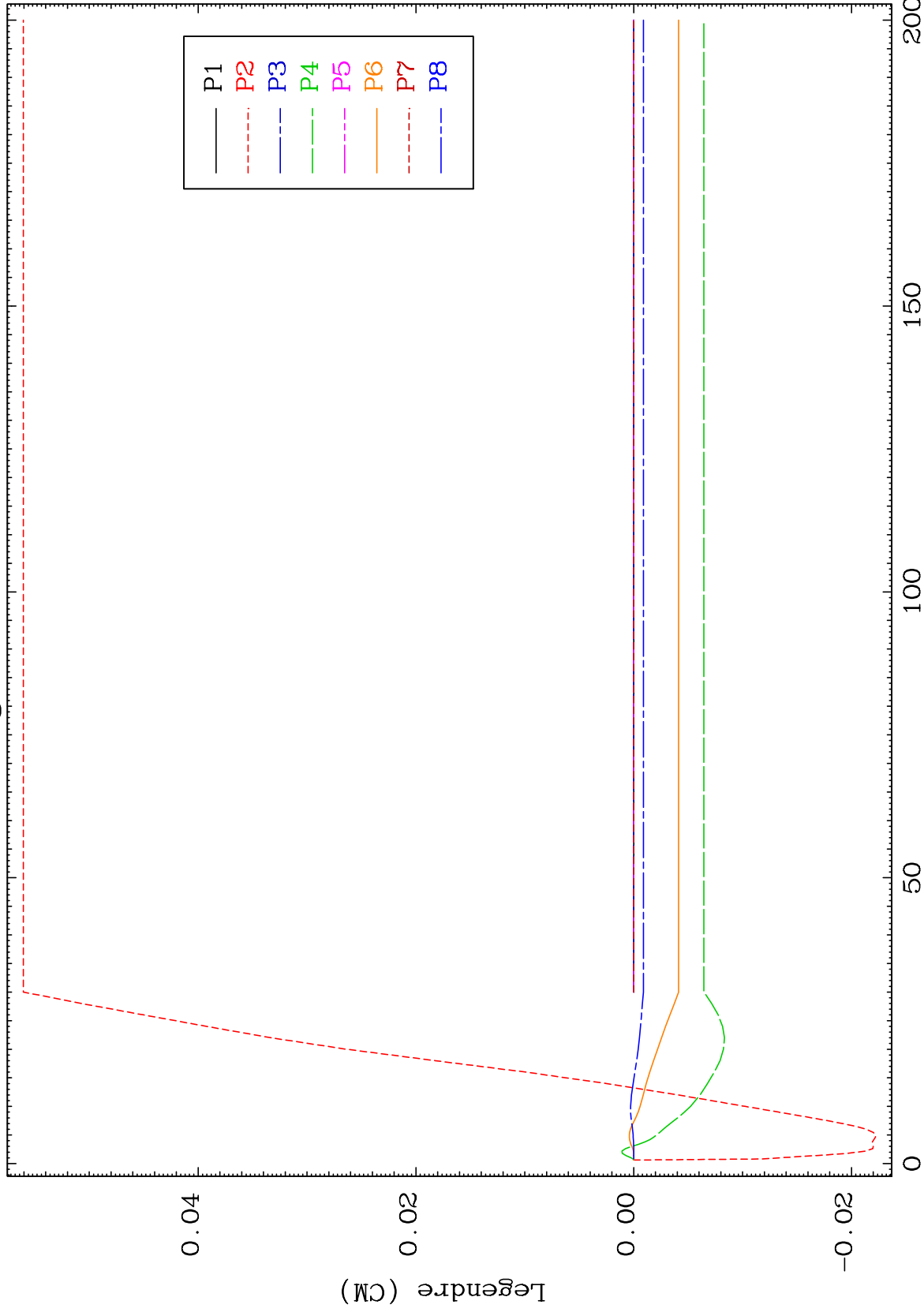
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



45

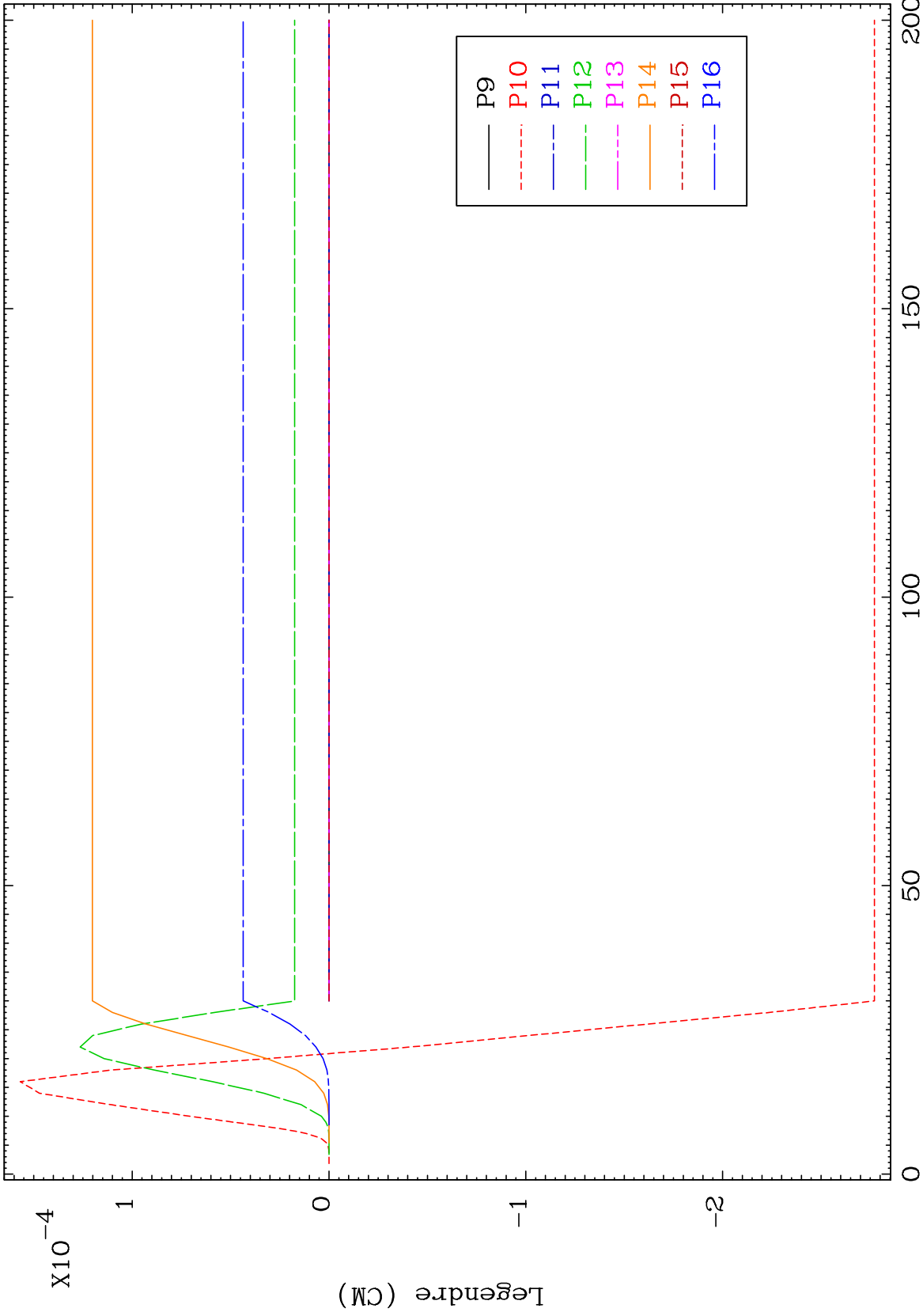
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



46

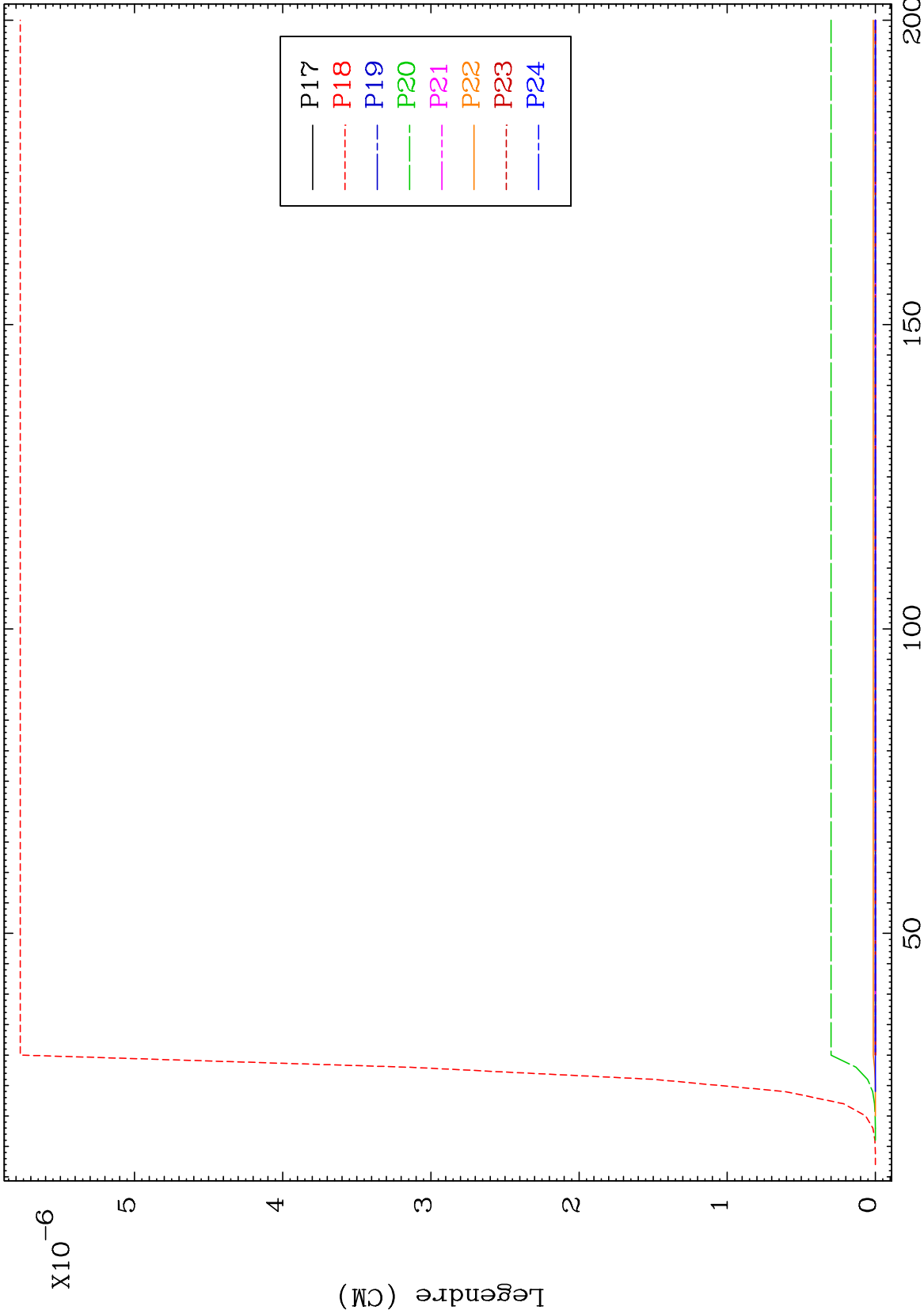
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



47

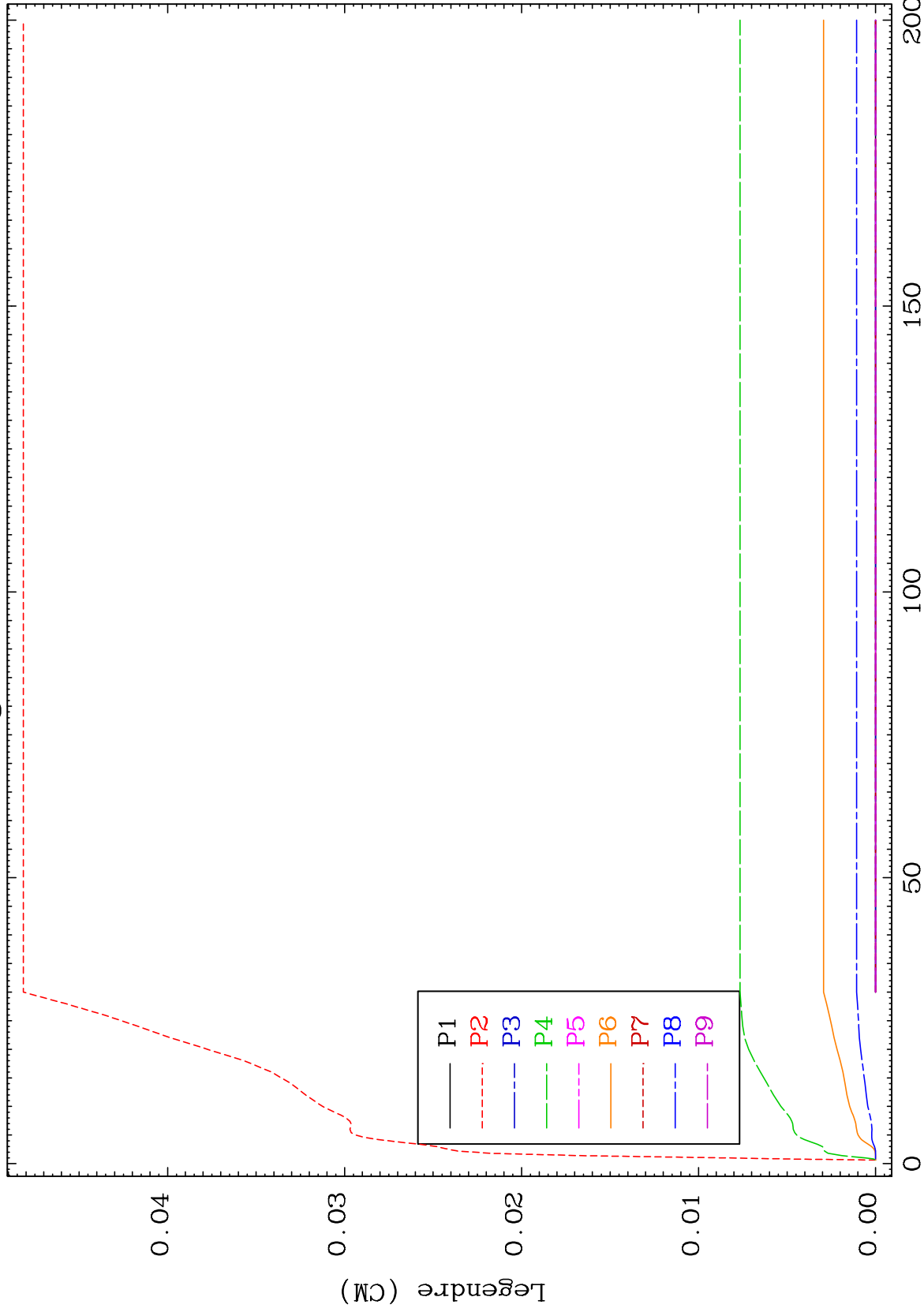
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



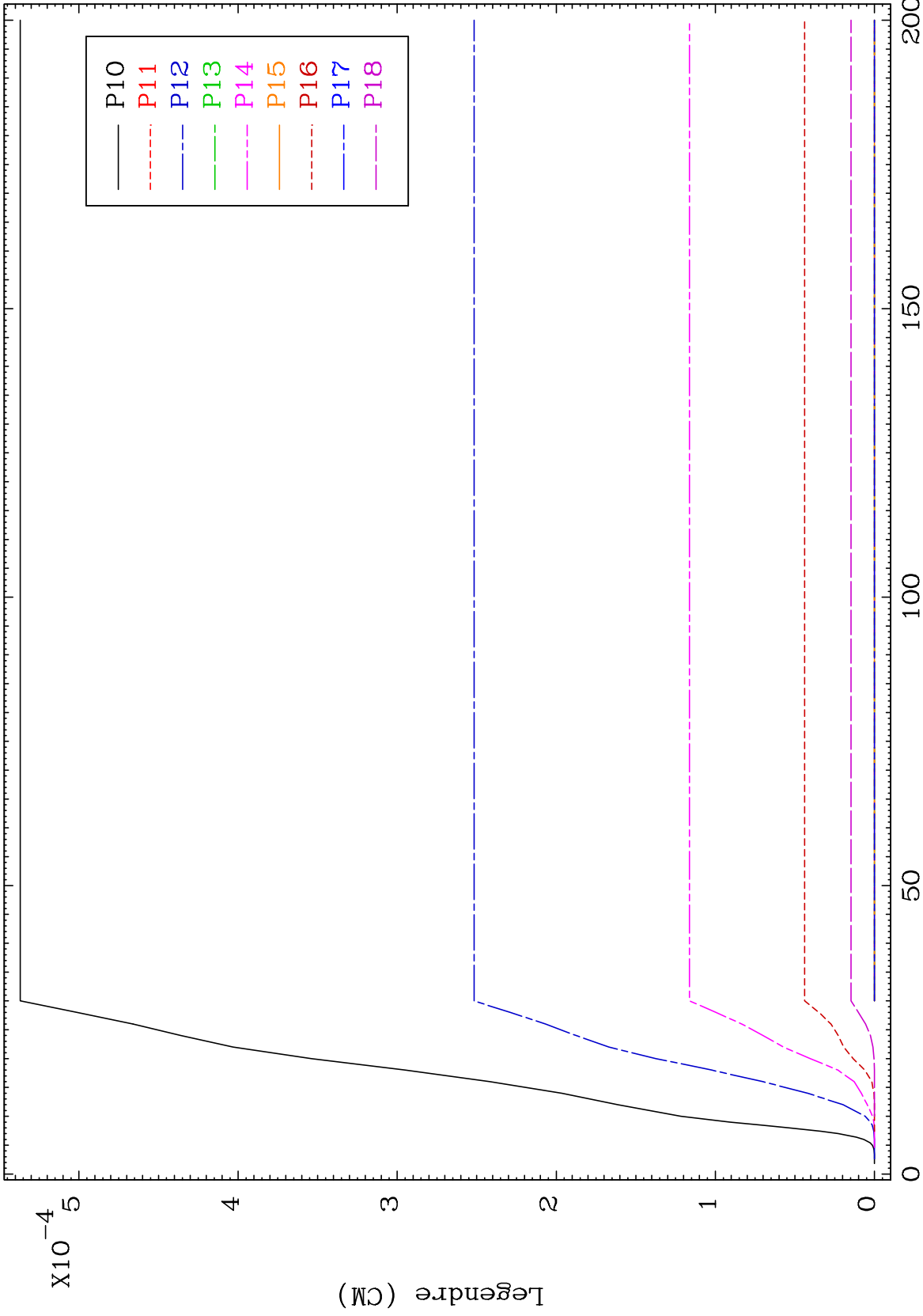
48

57-La-126

MAT 5689

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

57-La-126



49

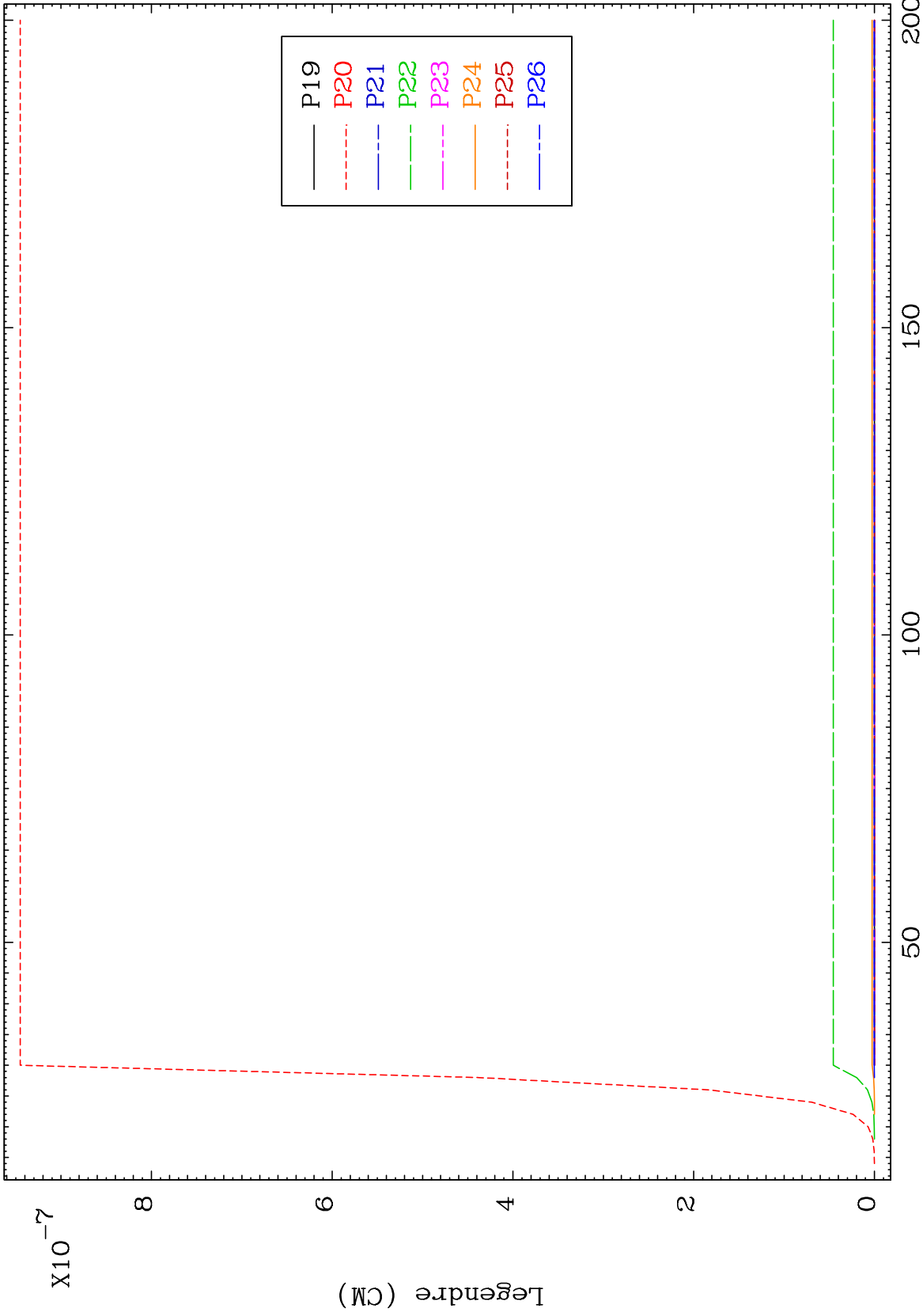
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



50

50

100

150

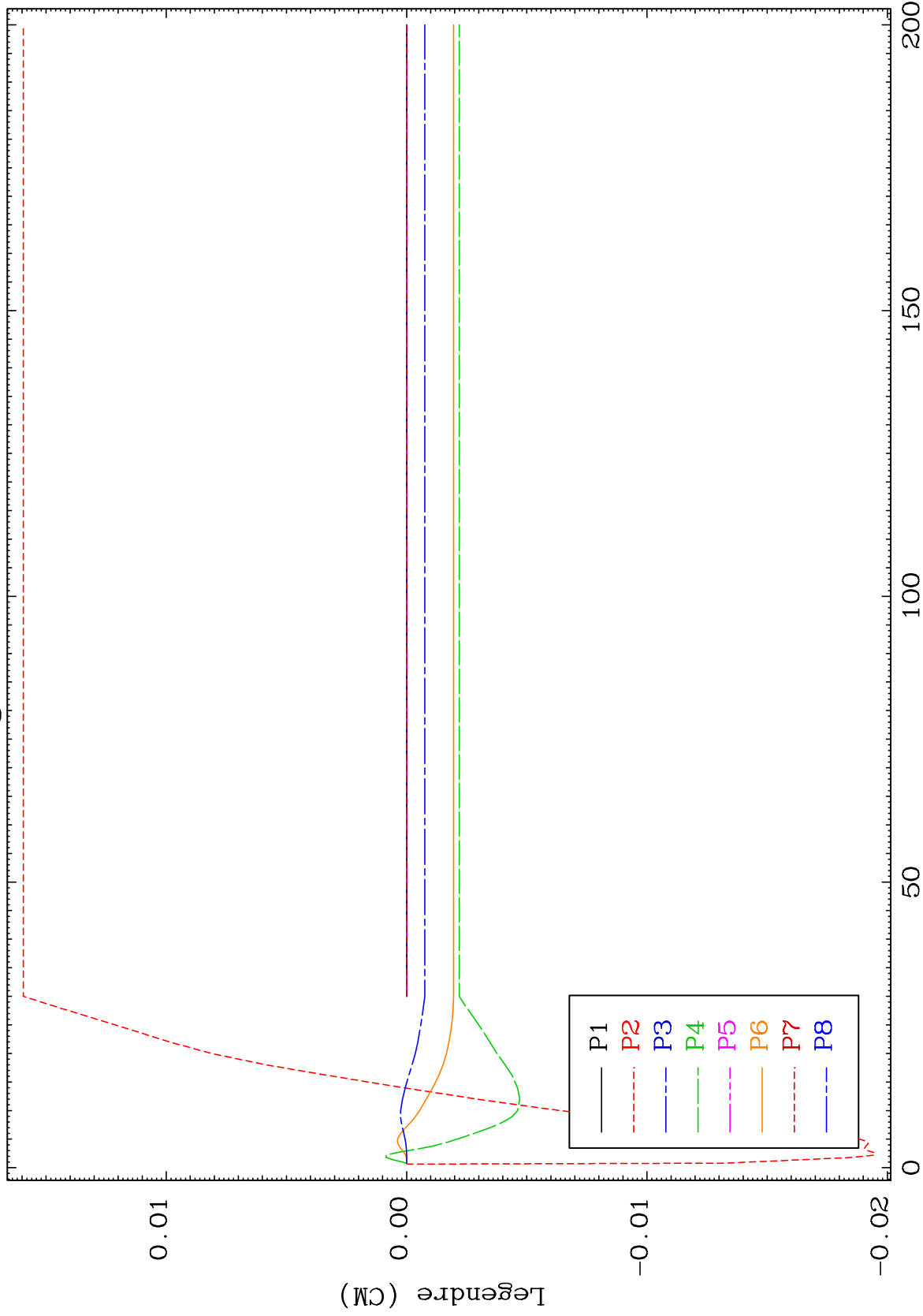
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57-La-126

MAT 5689

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

57-La-126



51

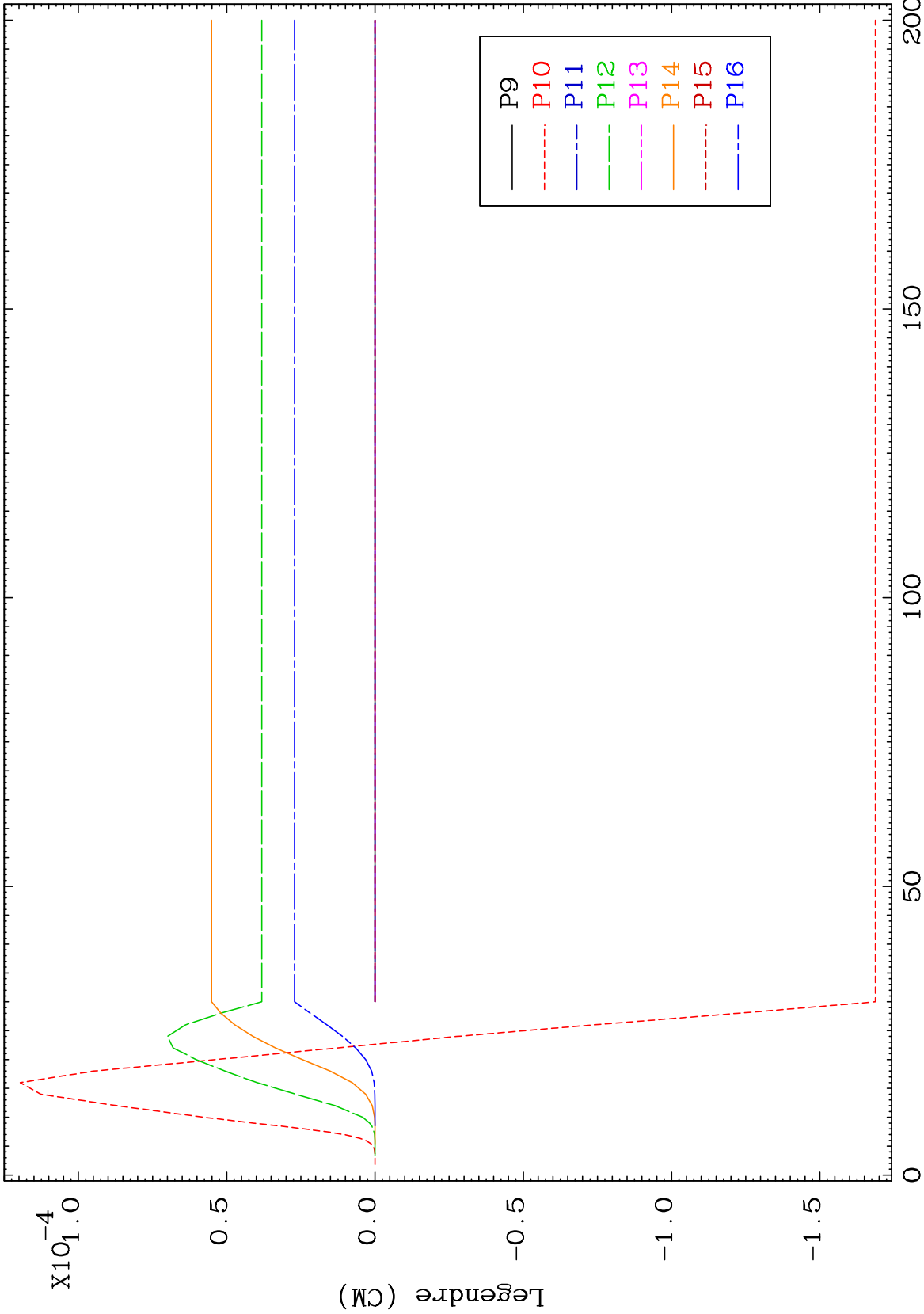
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



52

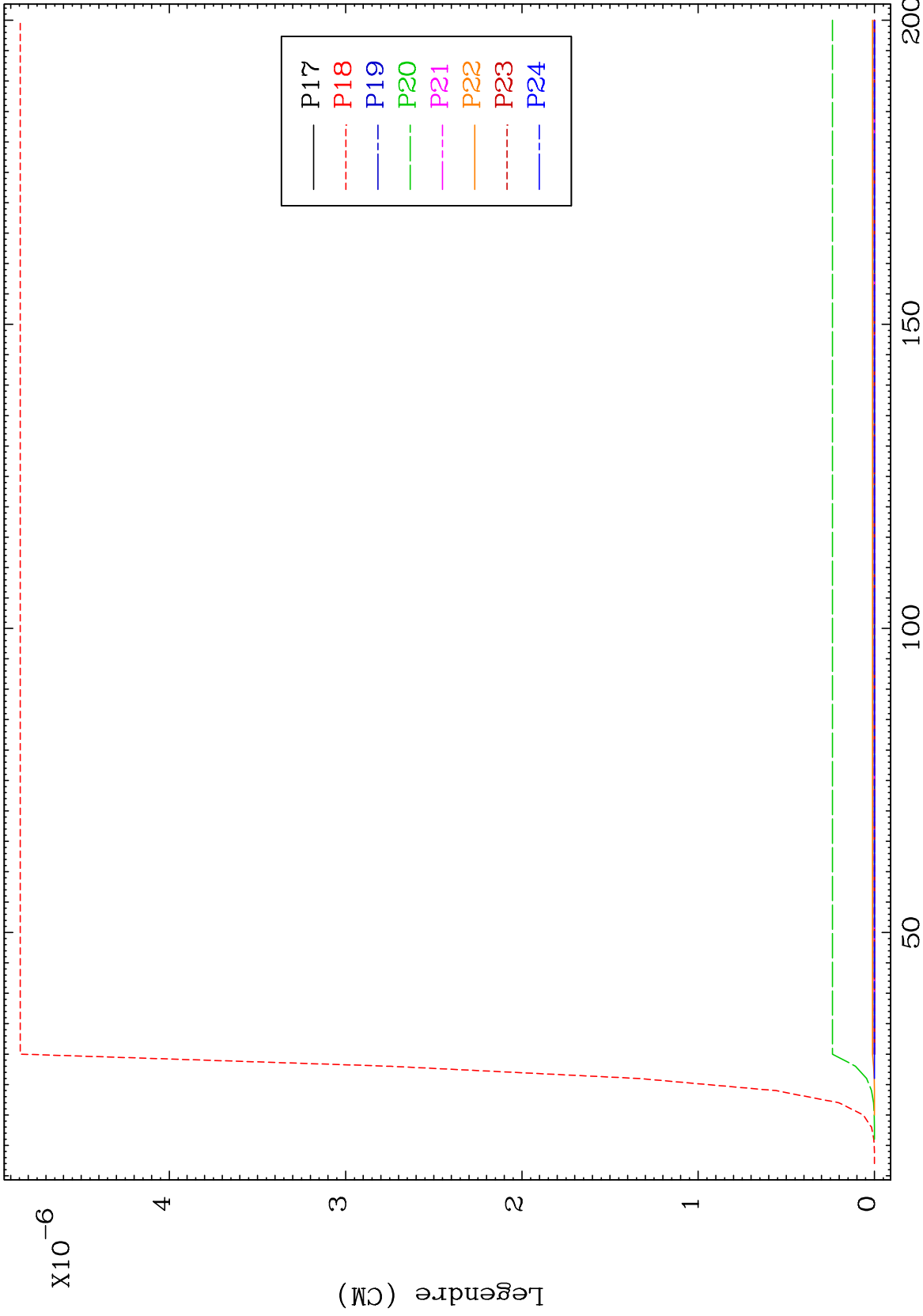
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



53

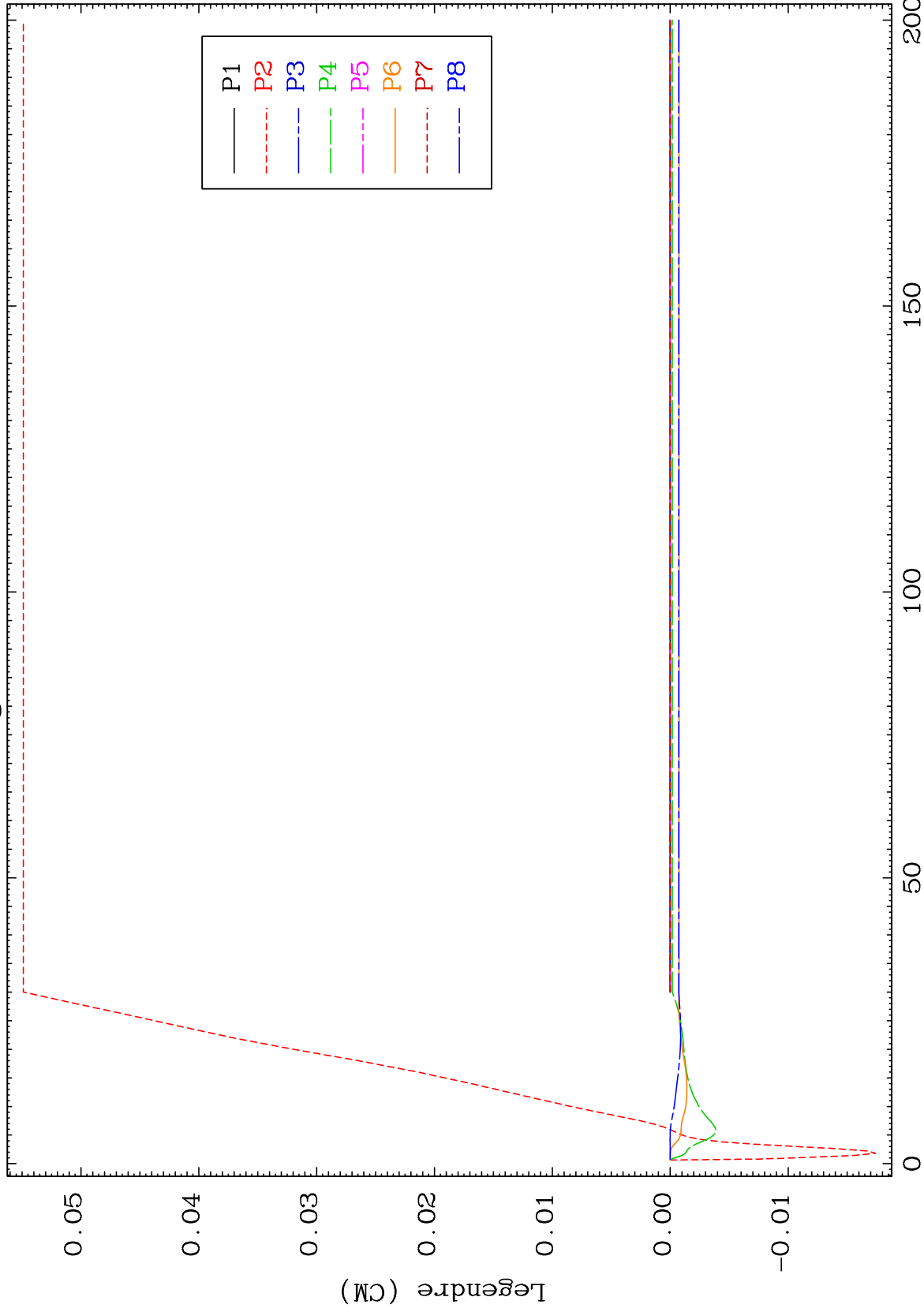
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



54

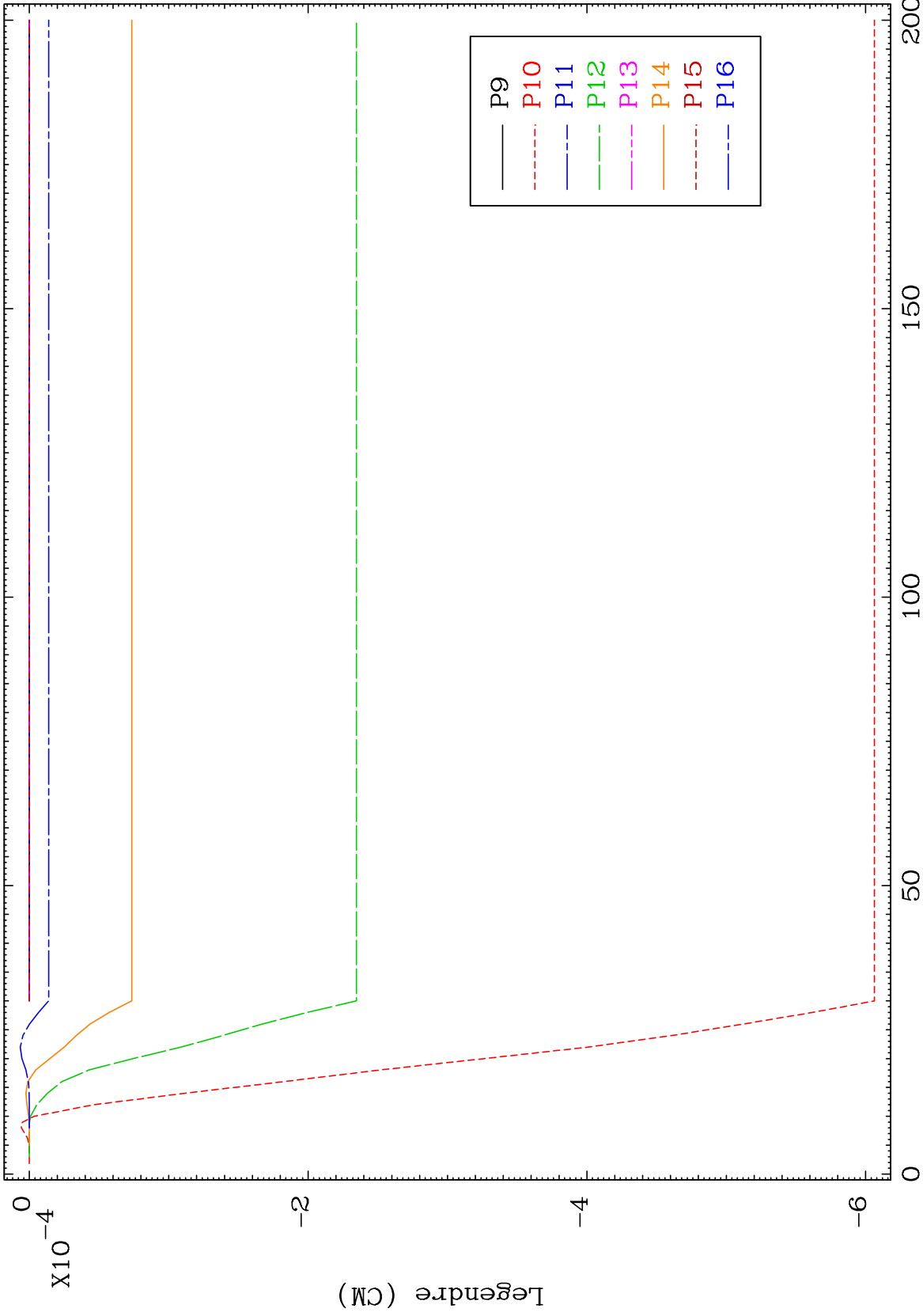
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



55

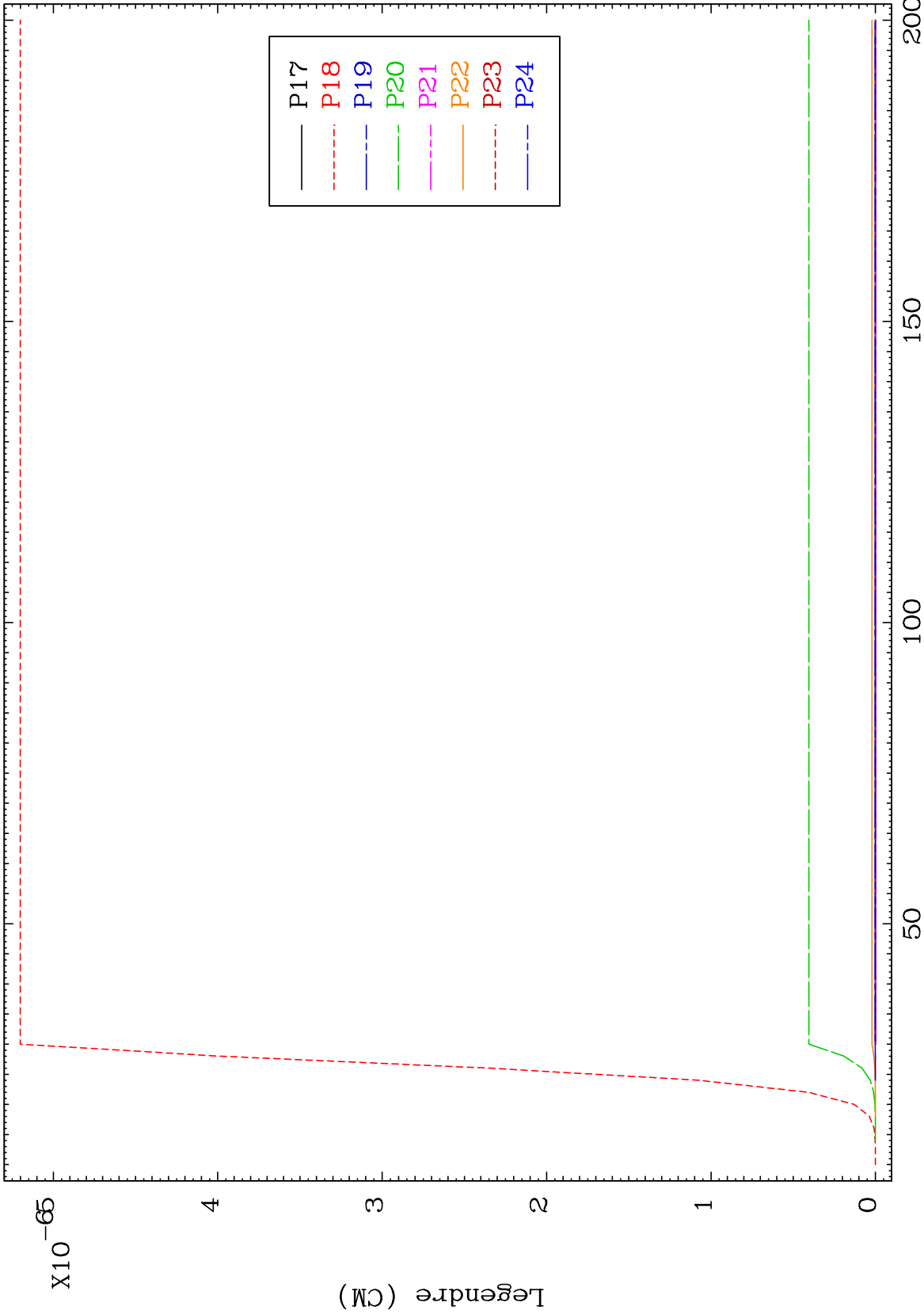
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



56

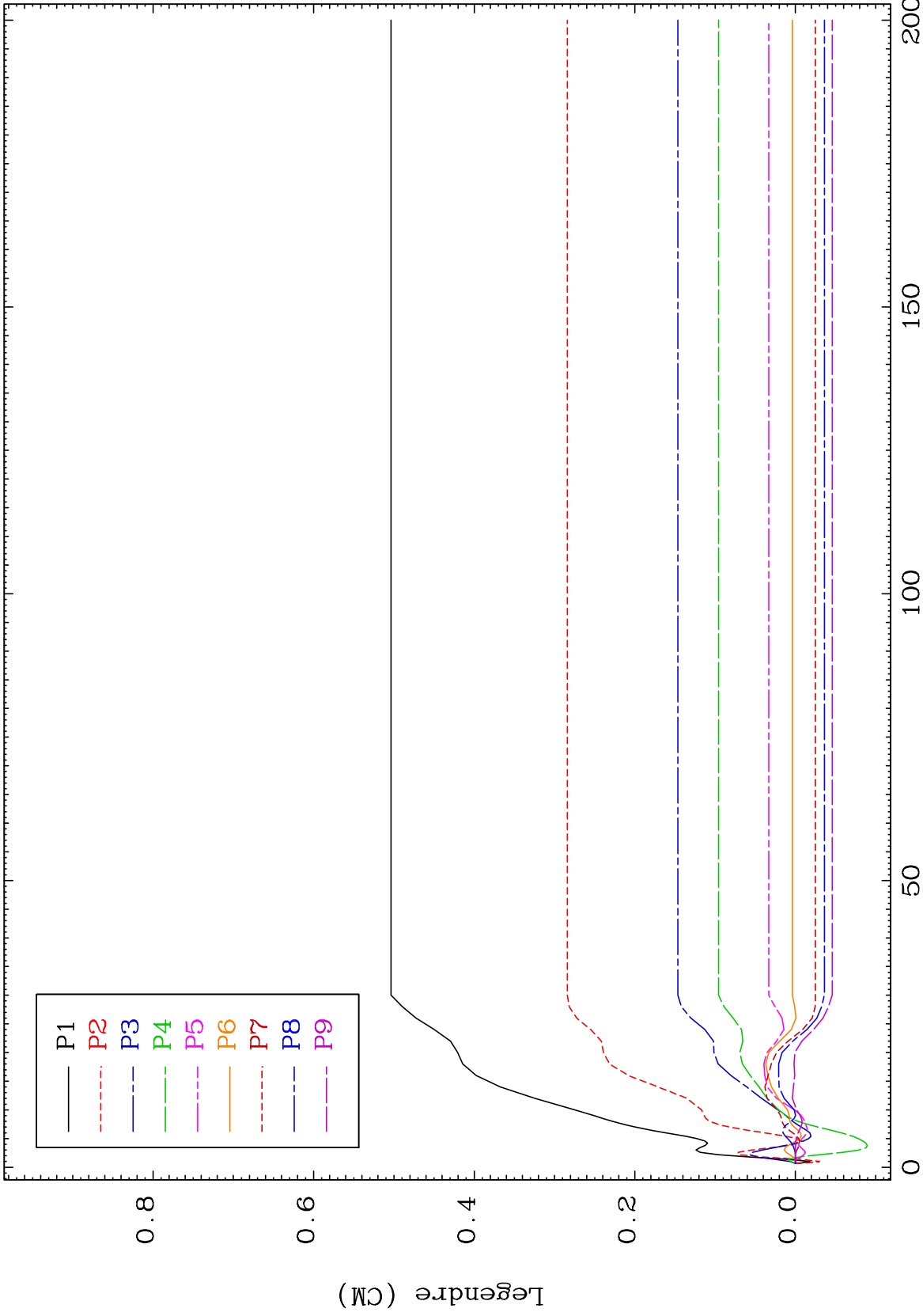
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



57

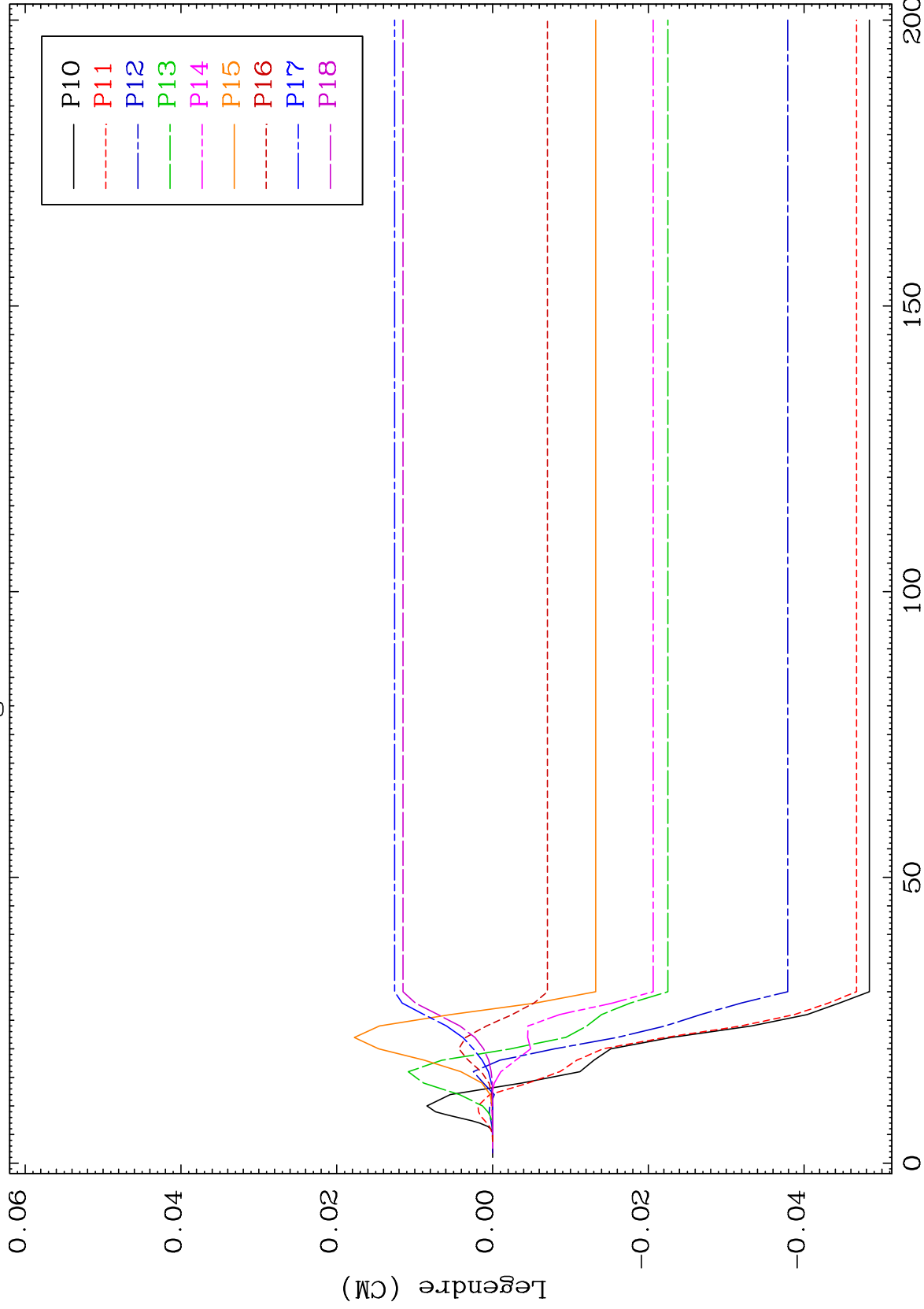
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



58

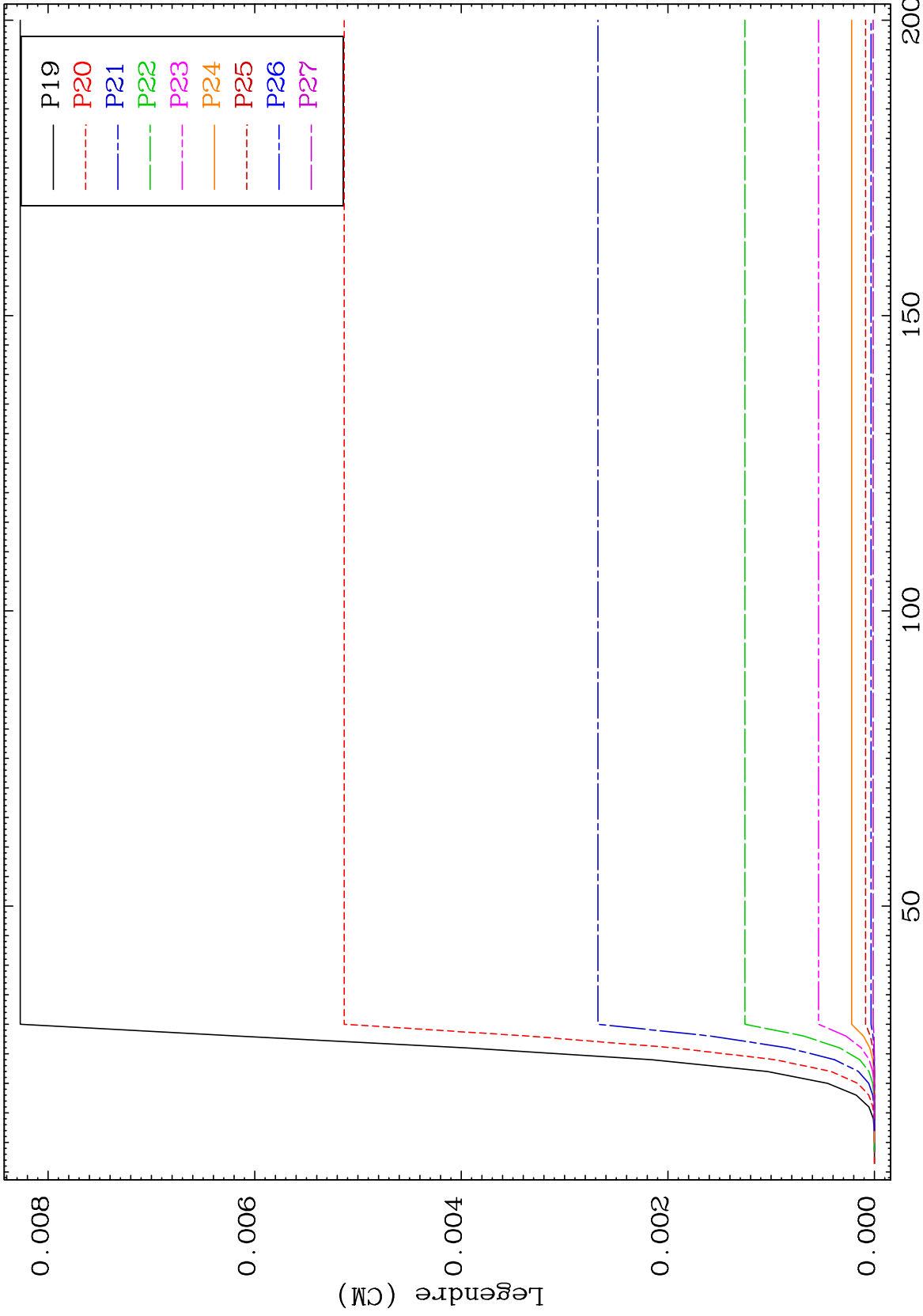
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



59

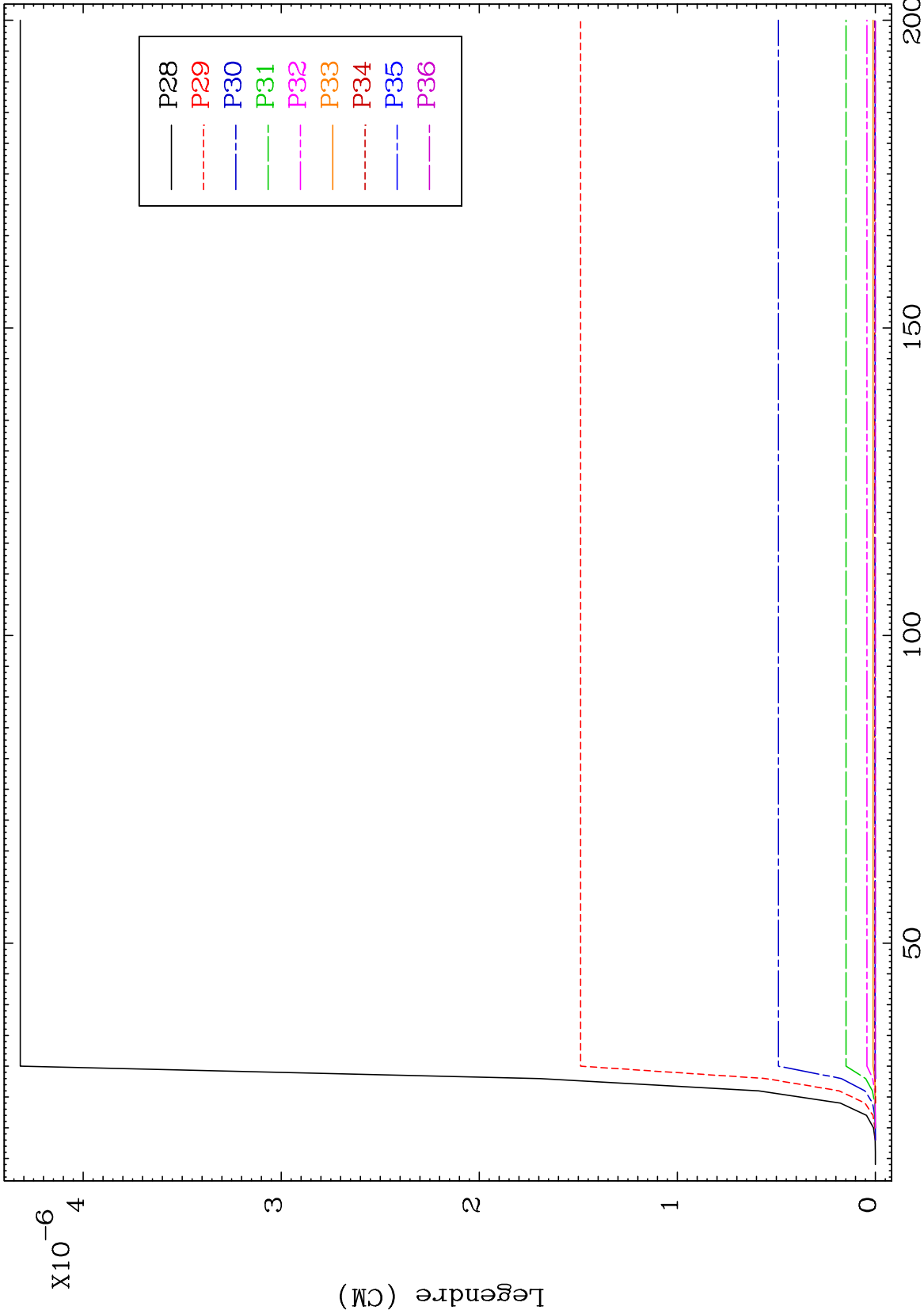
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



60

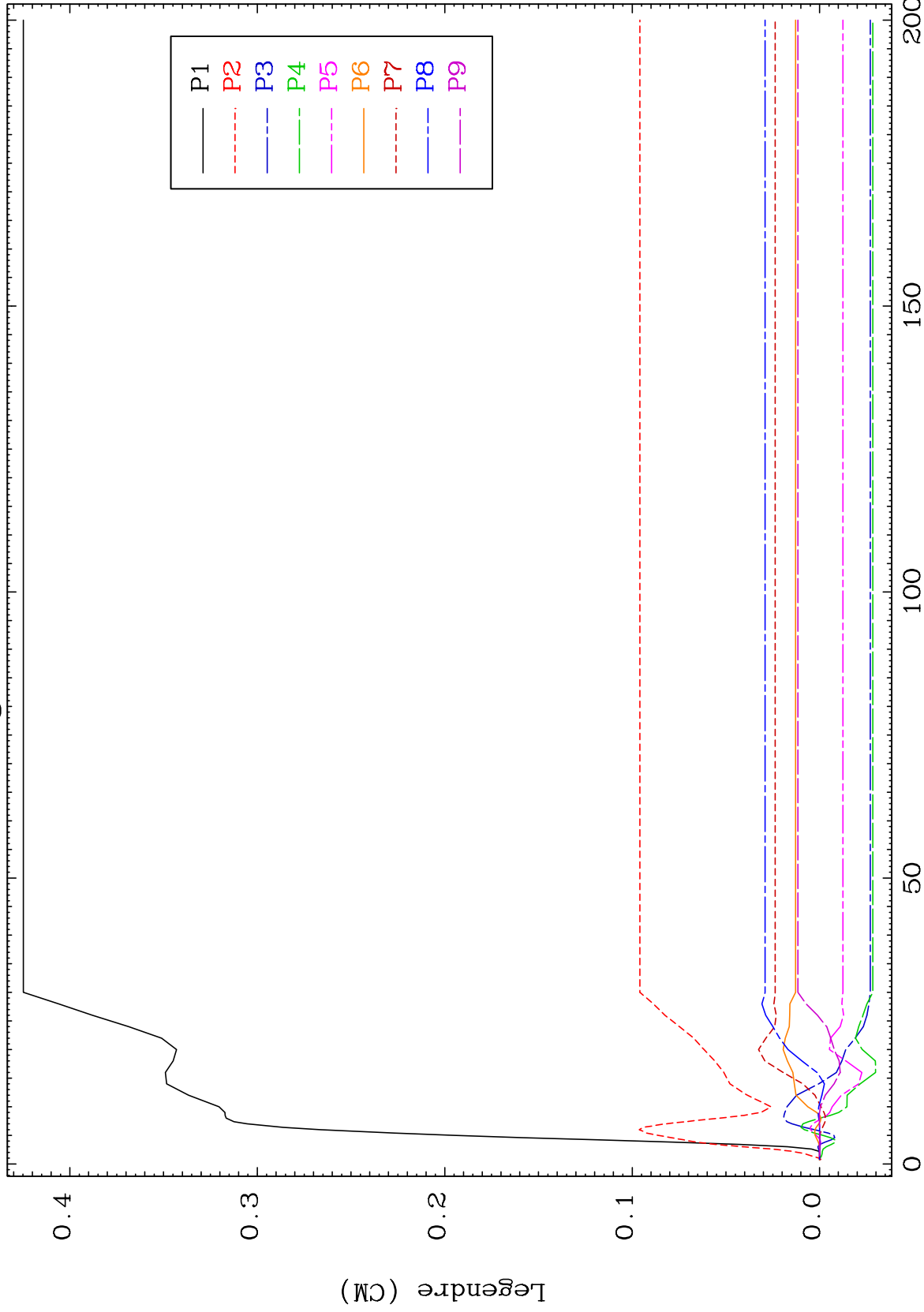
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



61

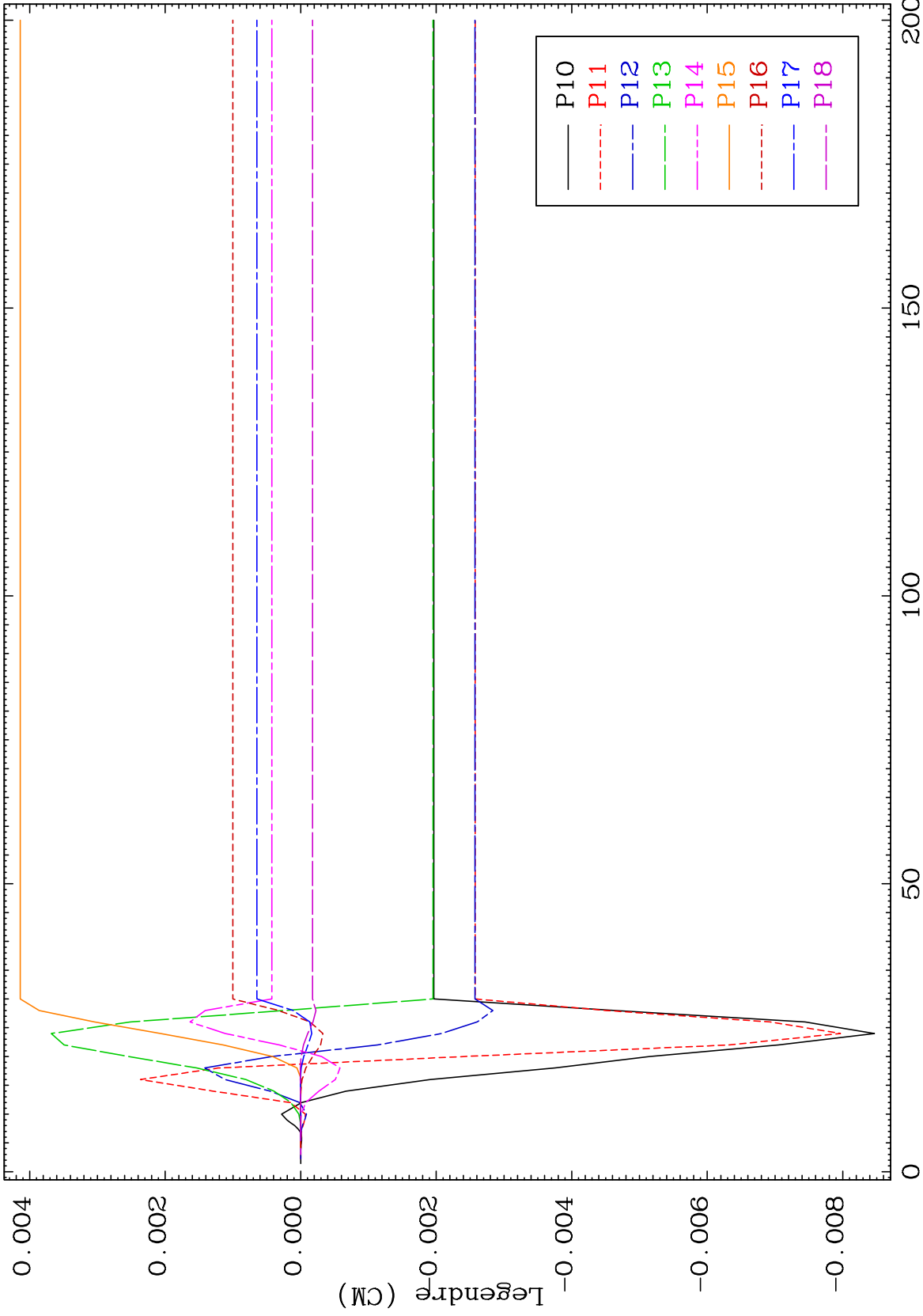
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



62

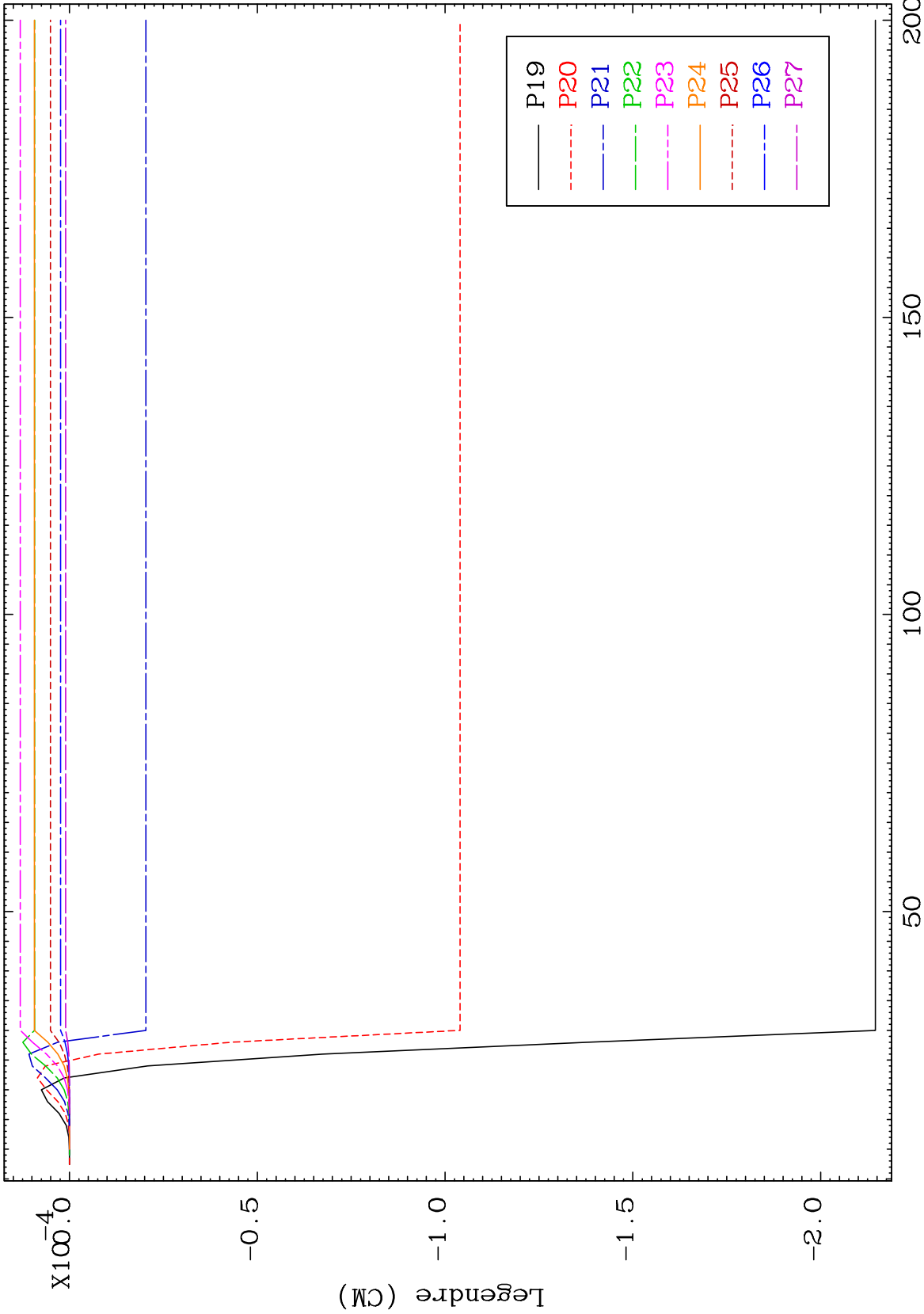
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



63

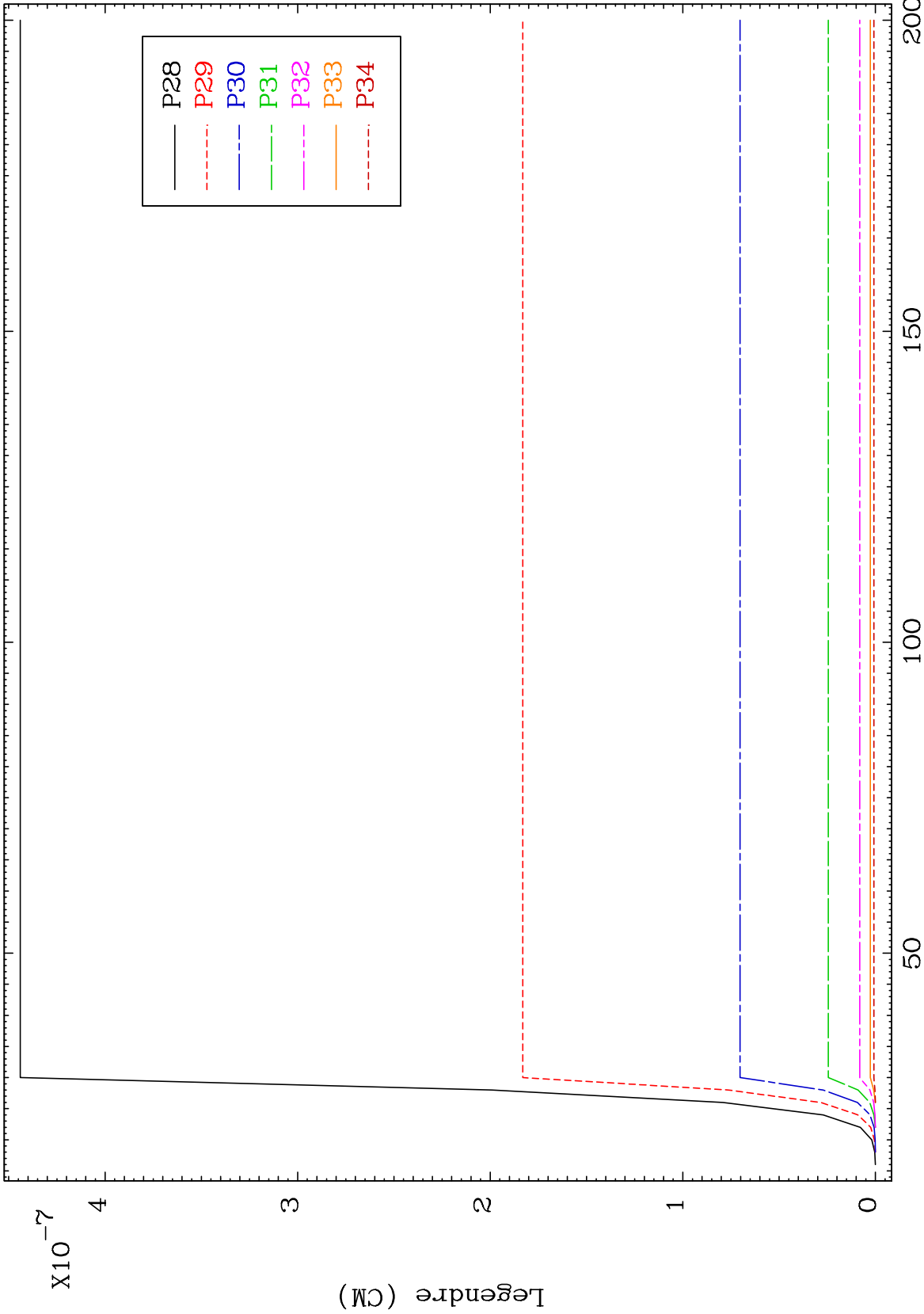
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



64

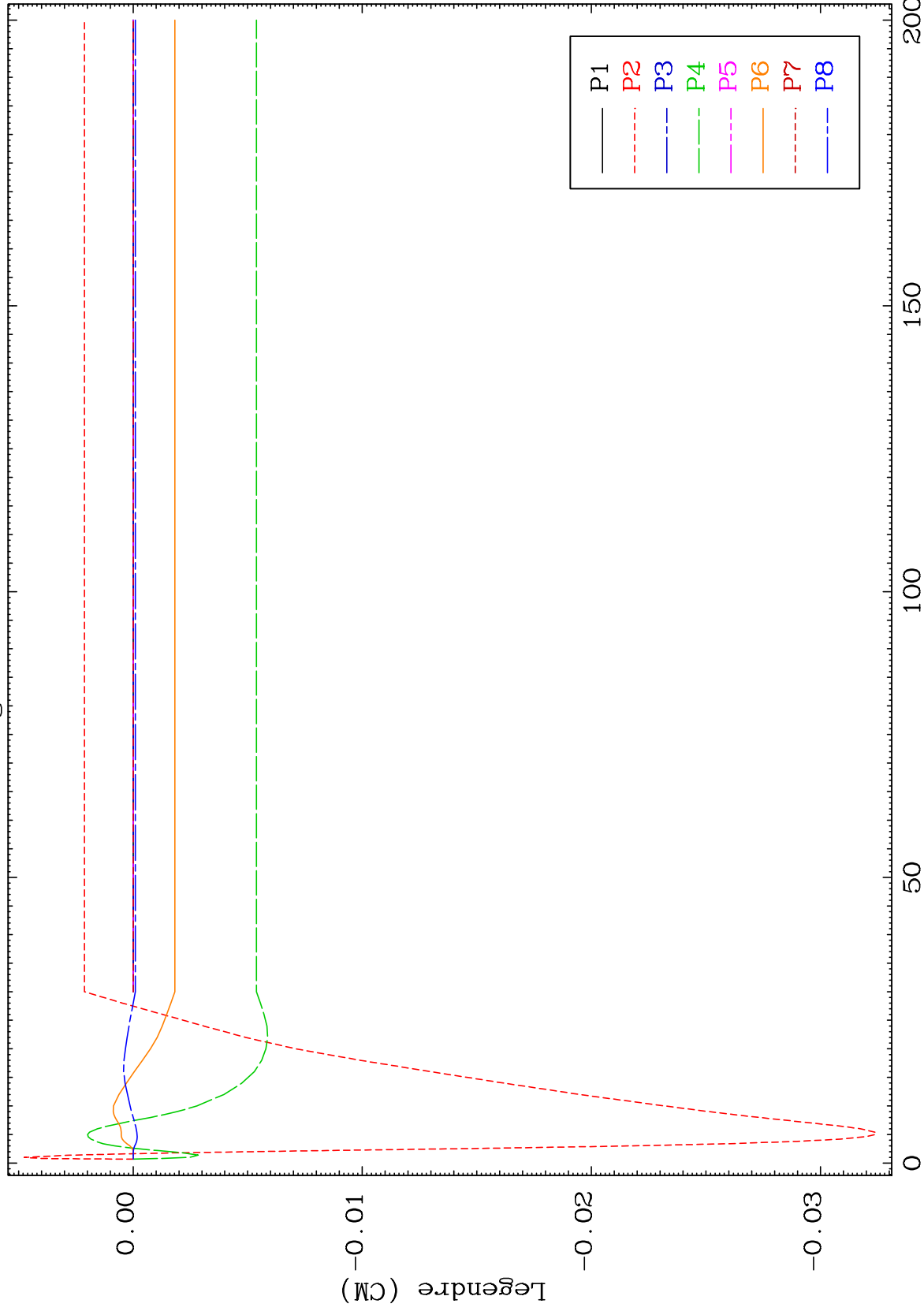
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



65

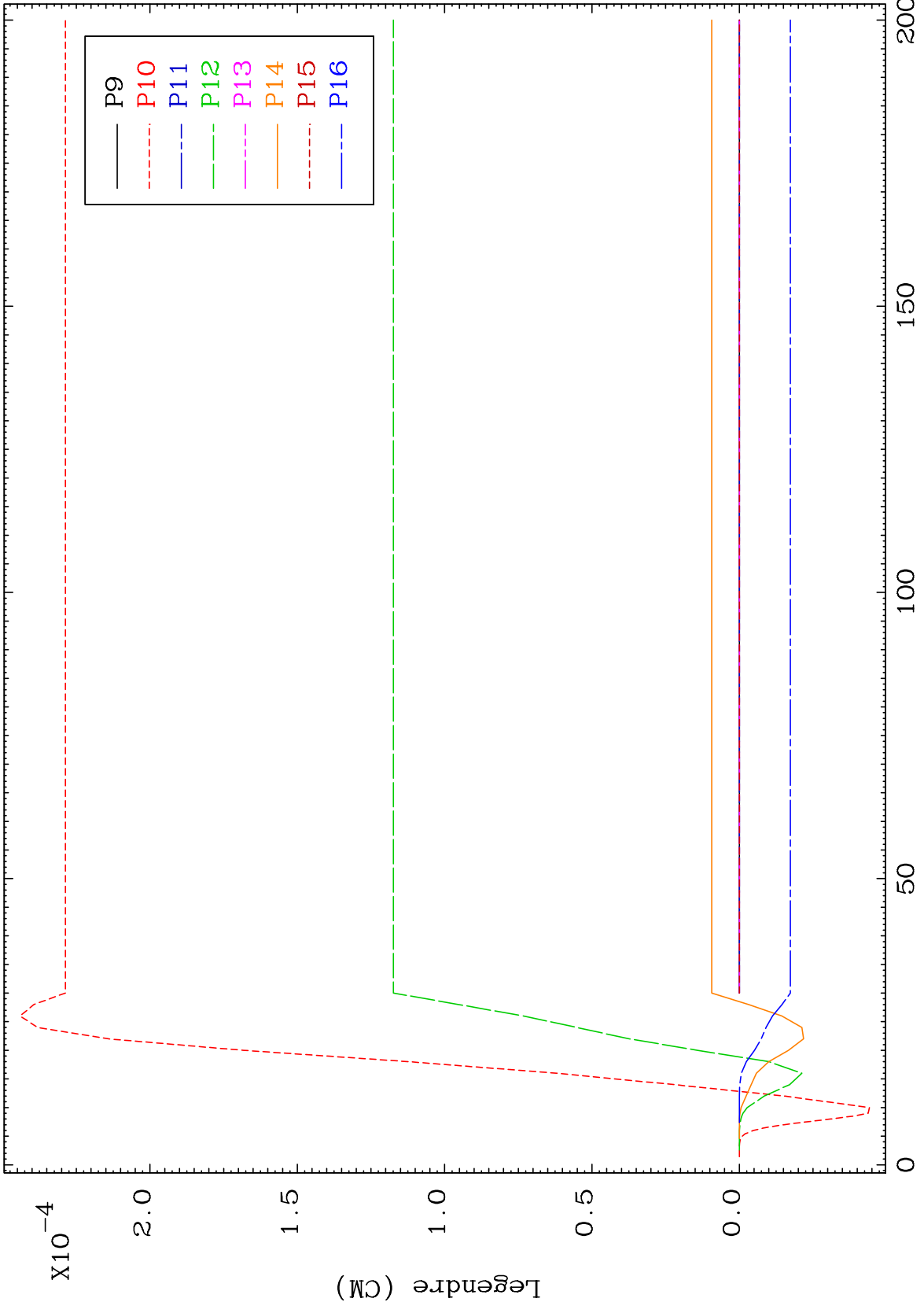
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



66

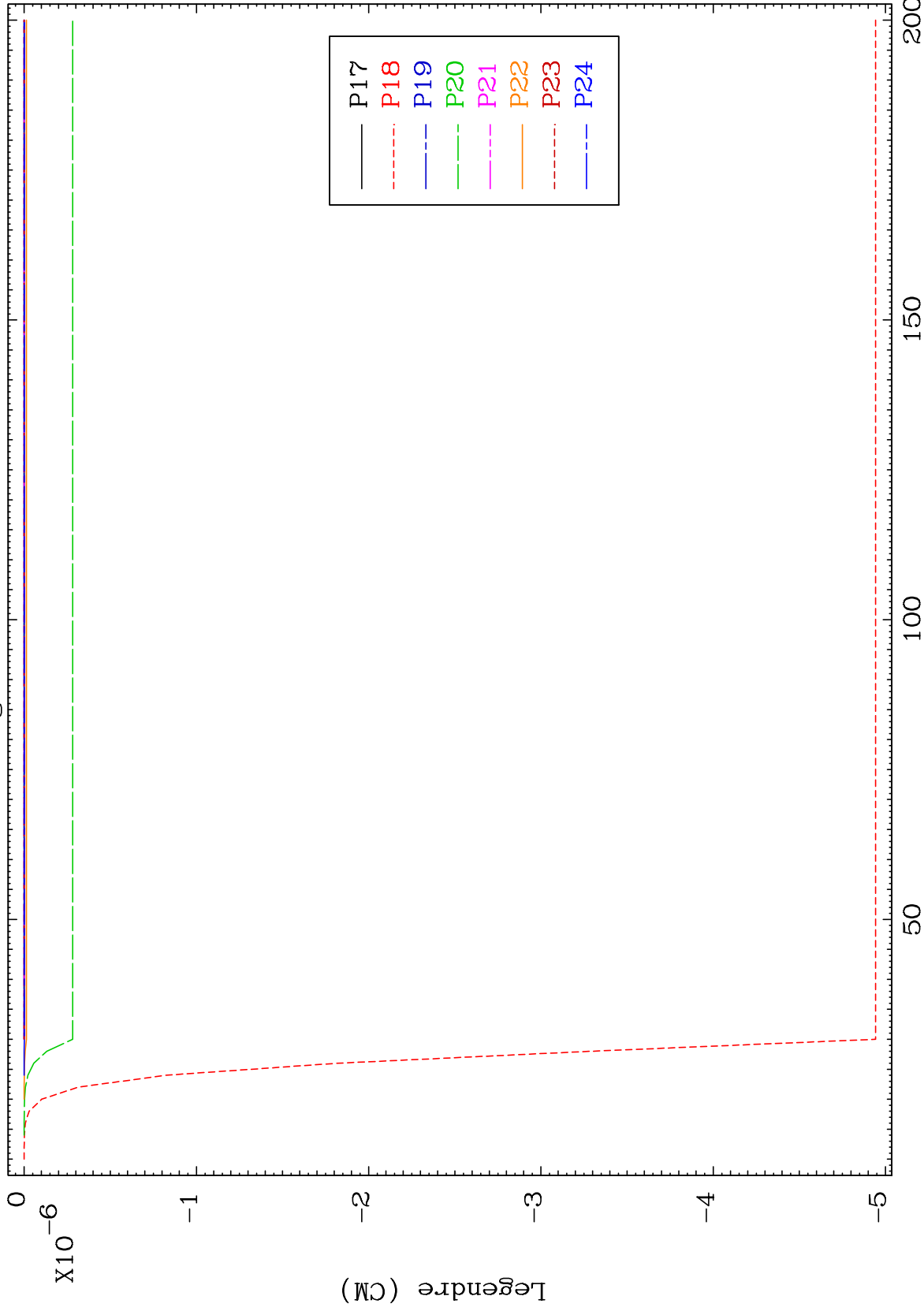
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



67

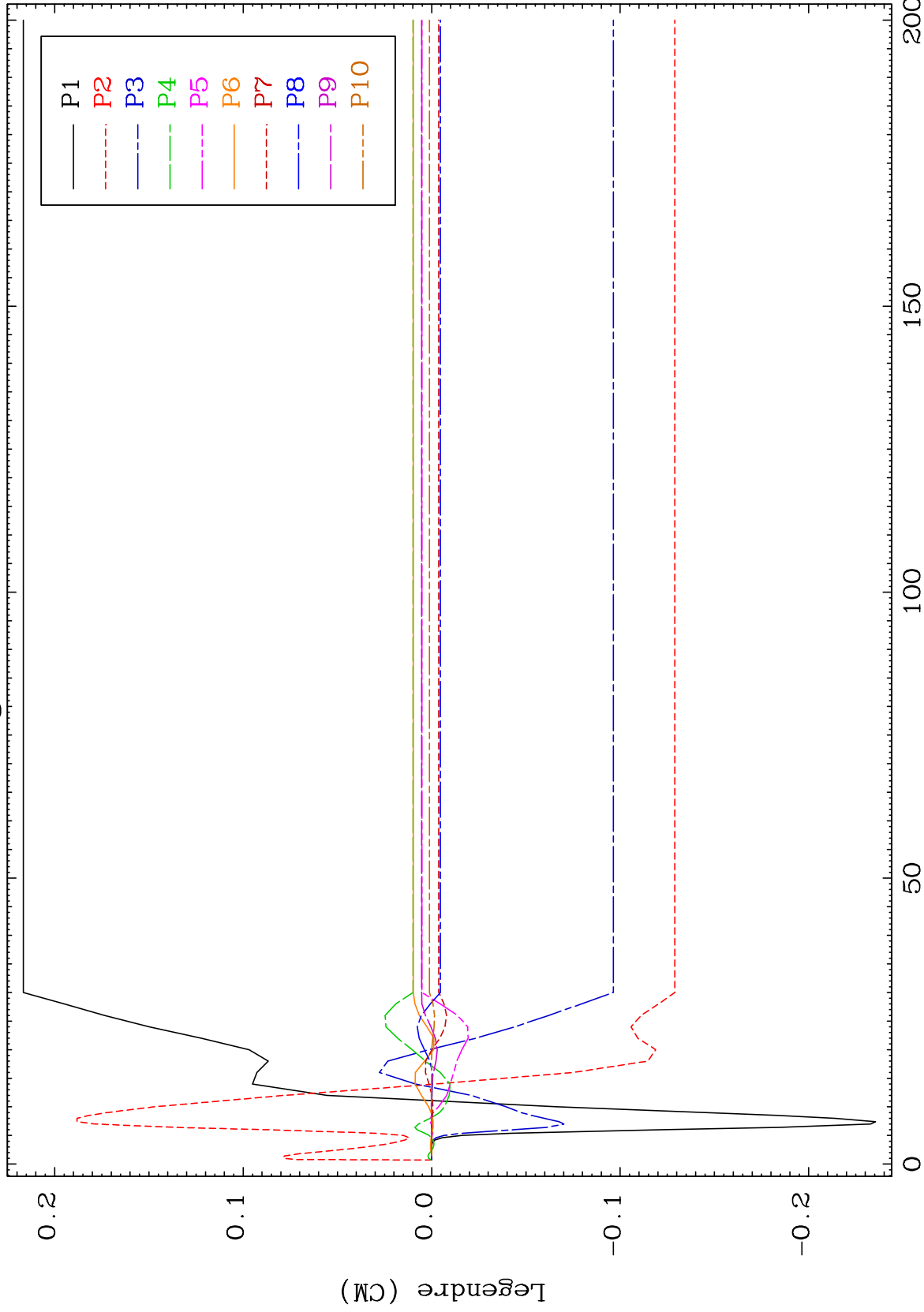
Incident Energy (MeV)

57-La-126

MAT 5689

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

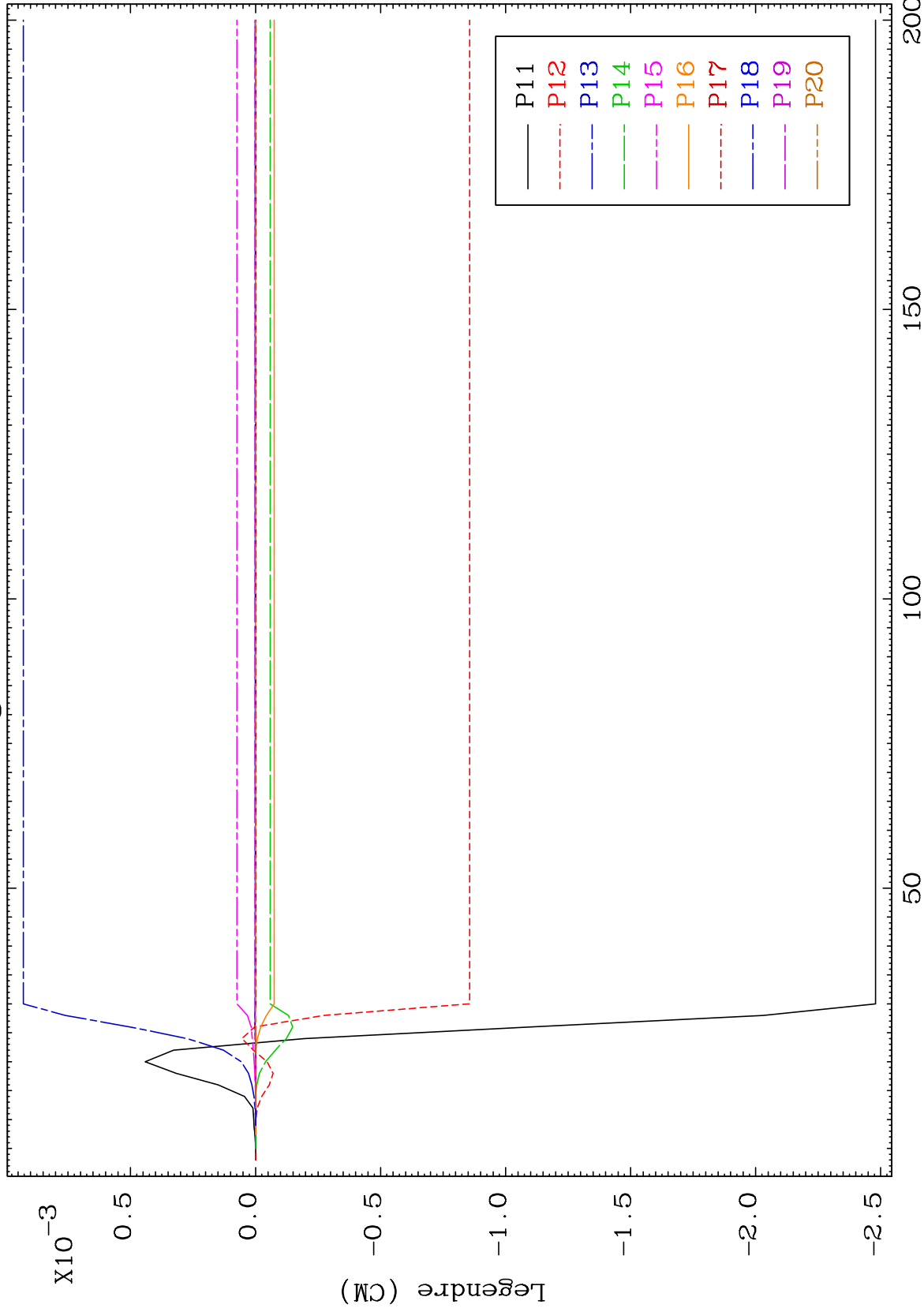
57-La-126



68

Incident Energy (MeV)

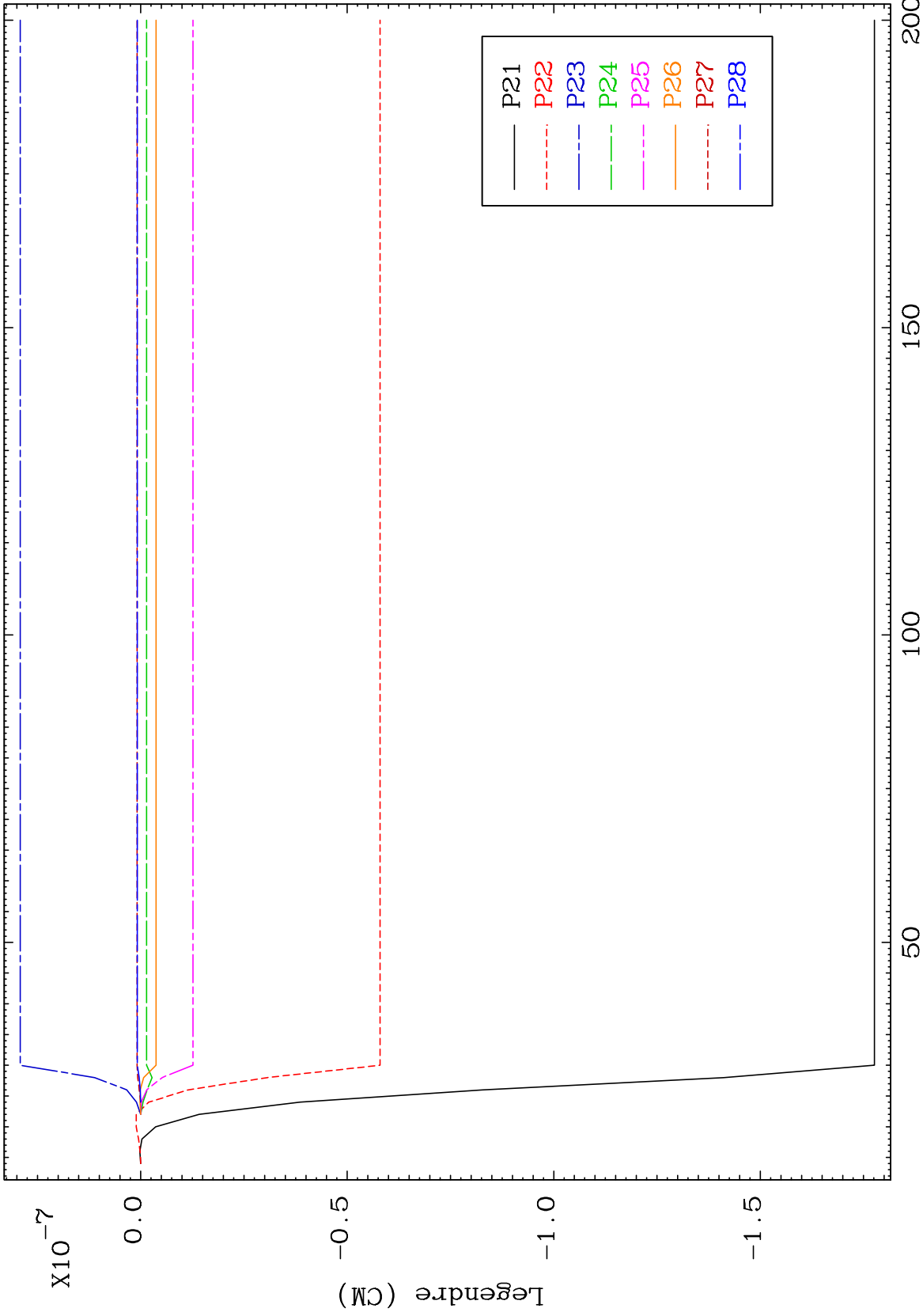
57-La-126



MAT 5689

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

57-La-126



70

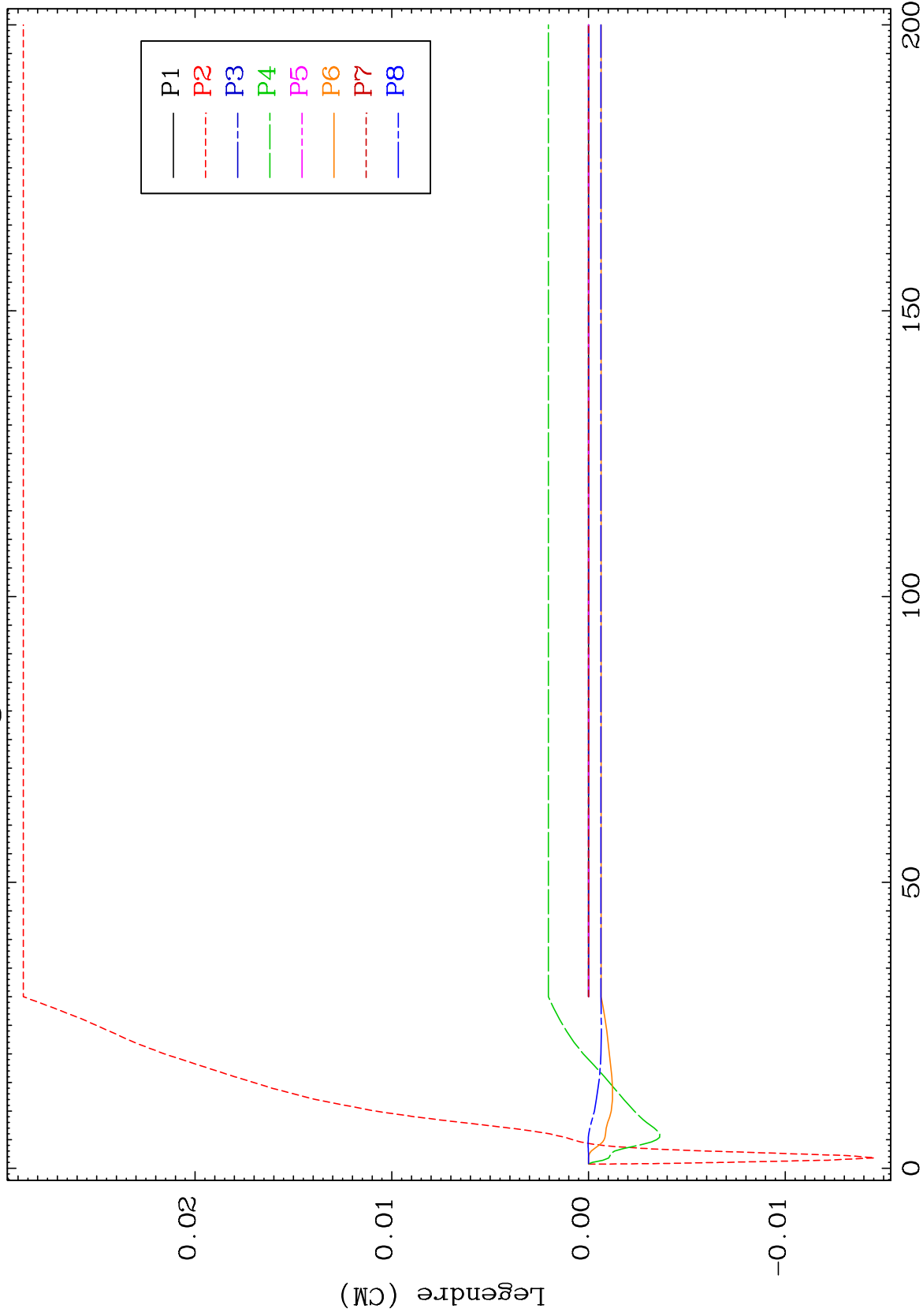
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



71

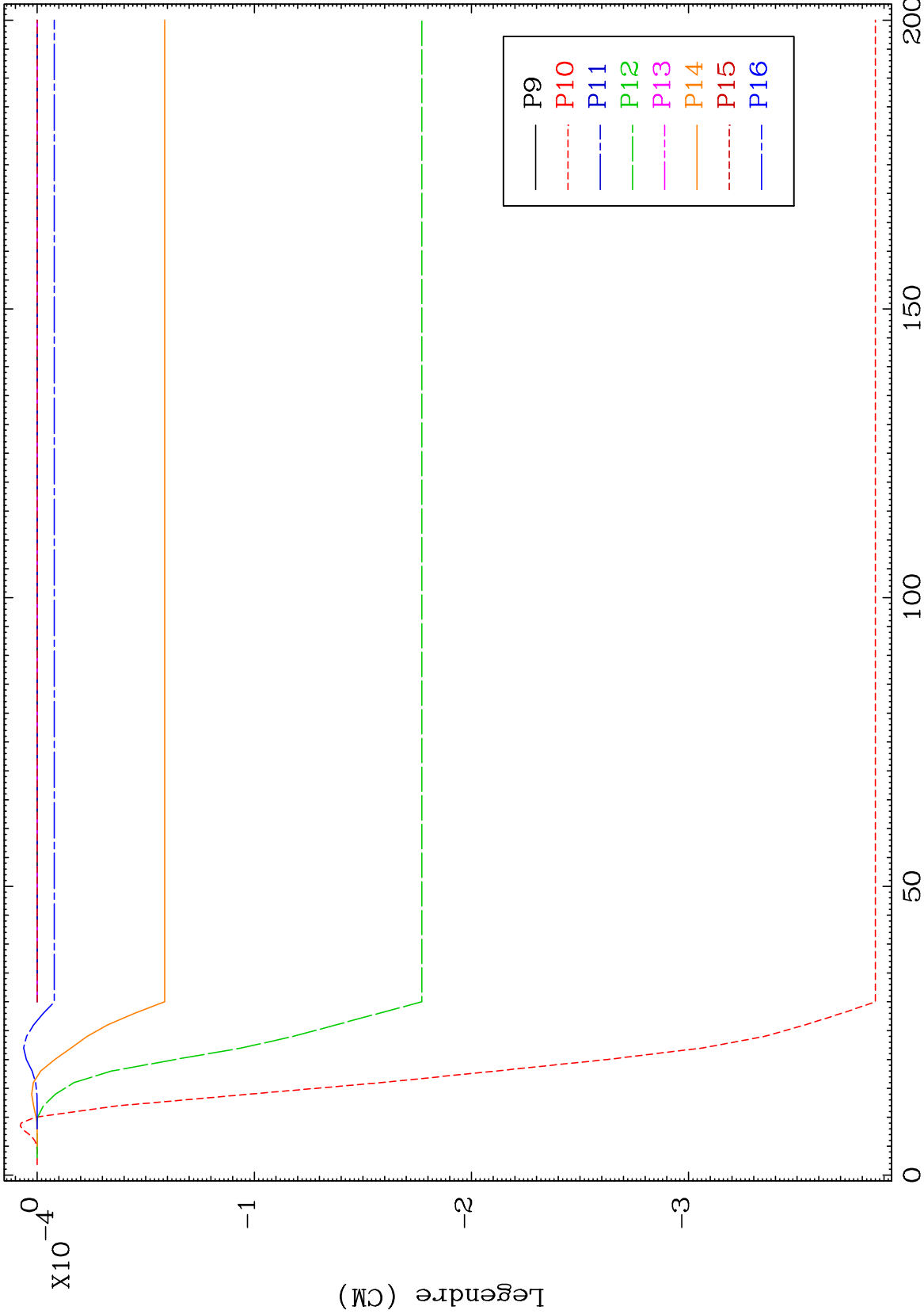
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



72

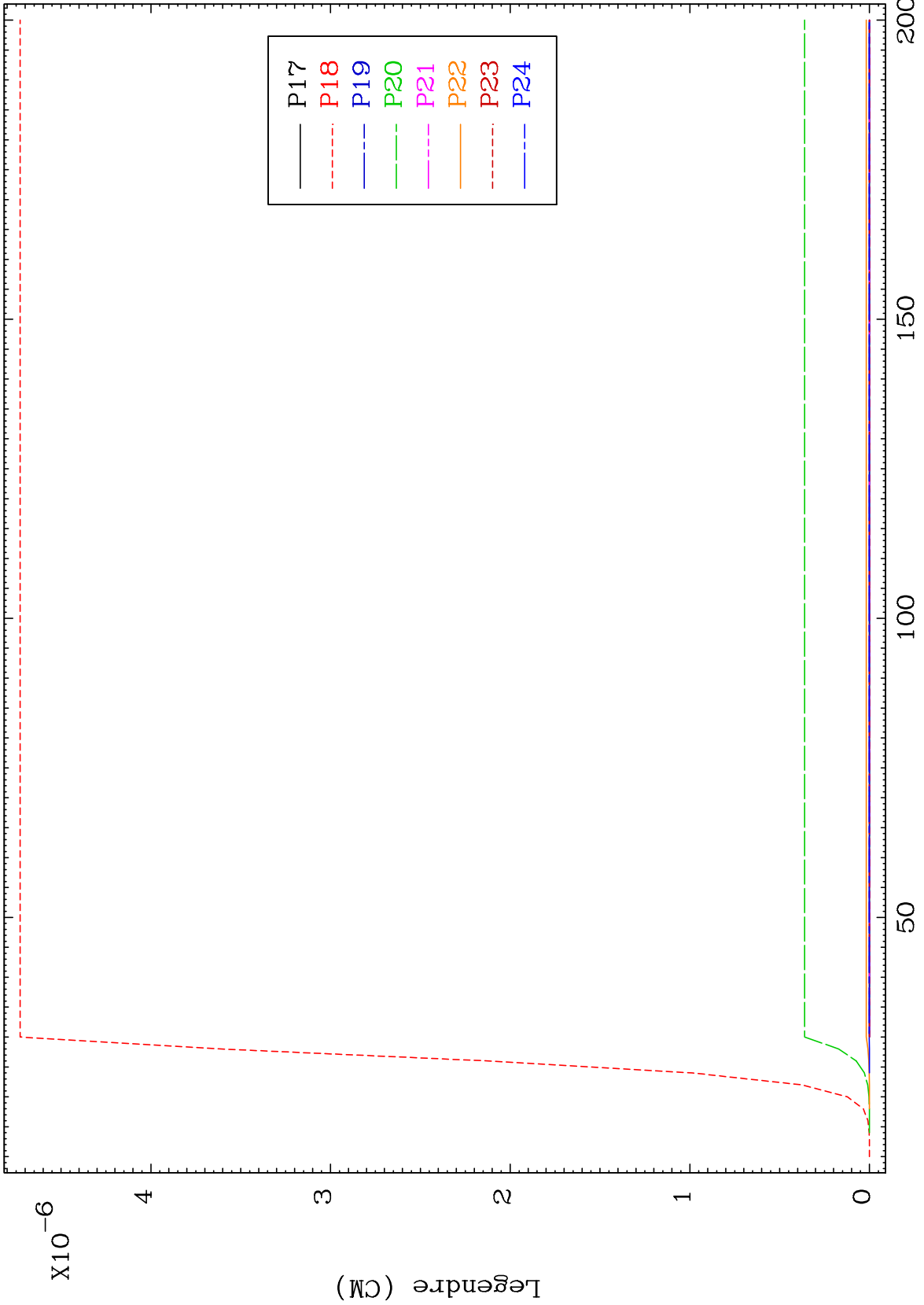
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



73

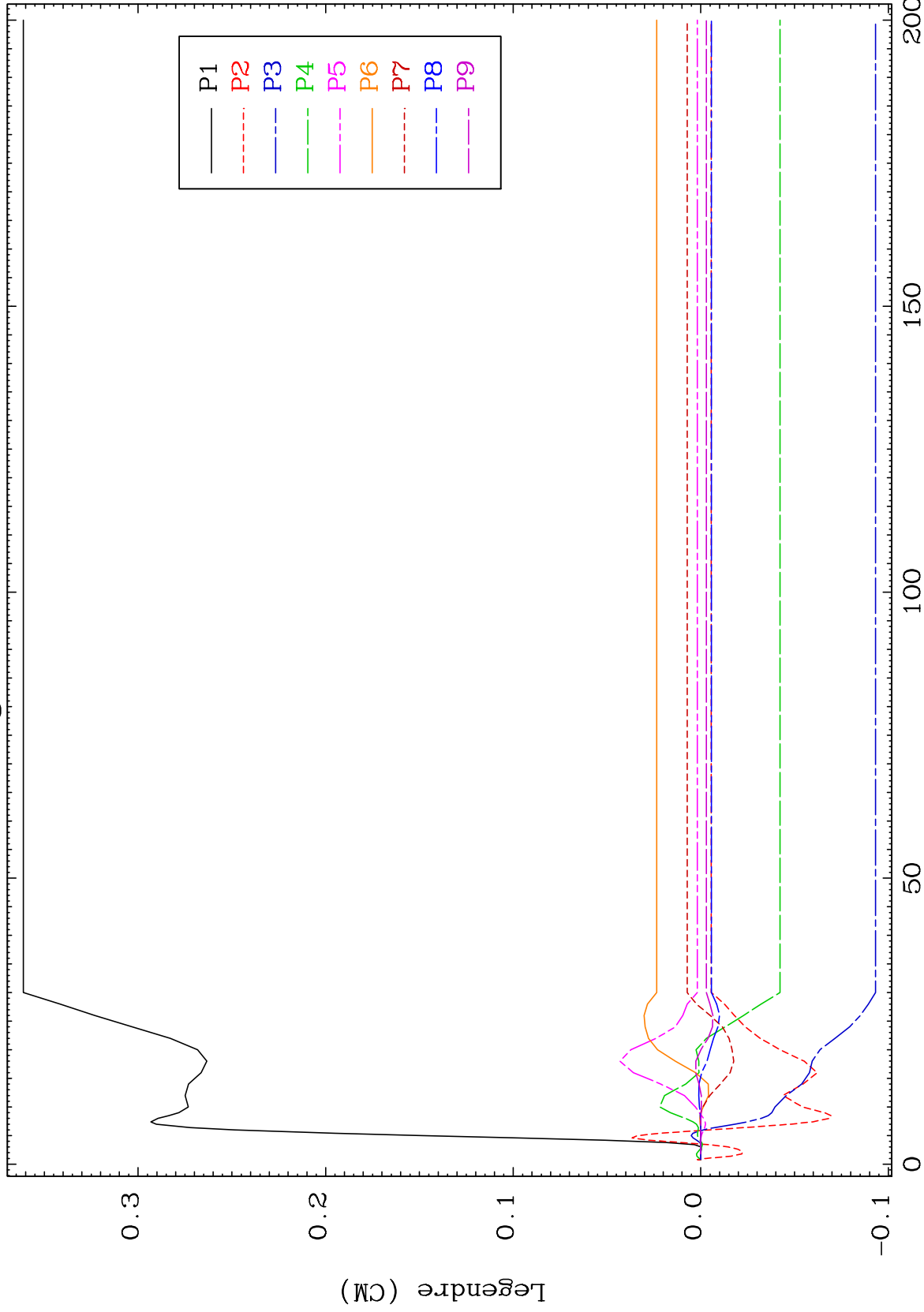
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



74

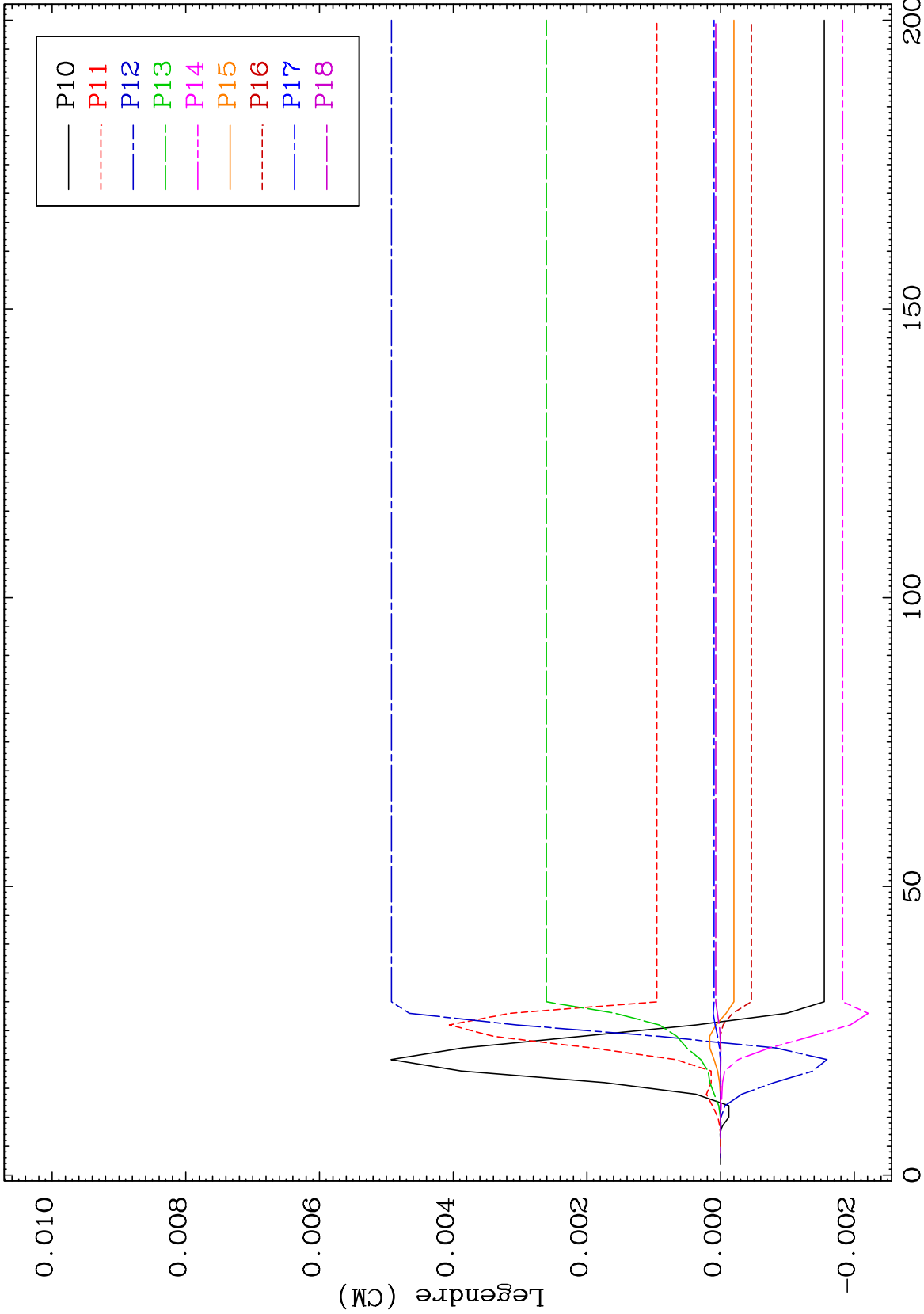
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



75

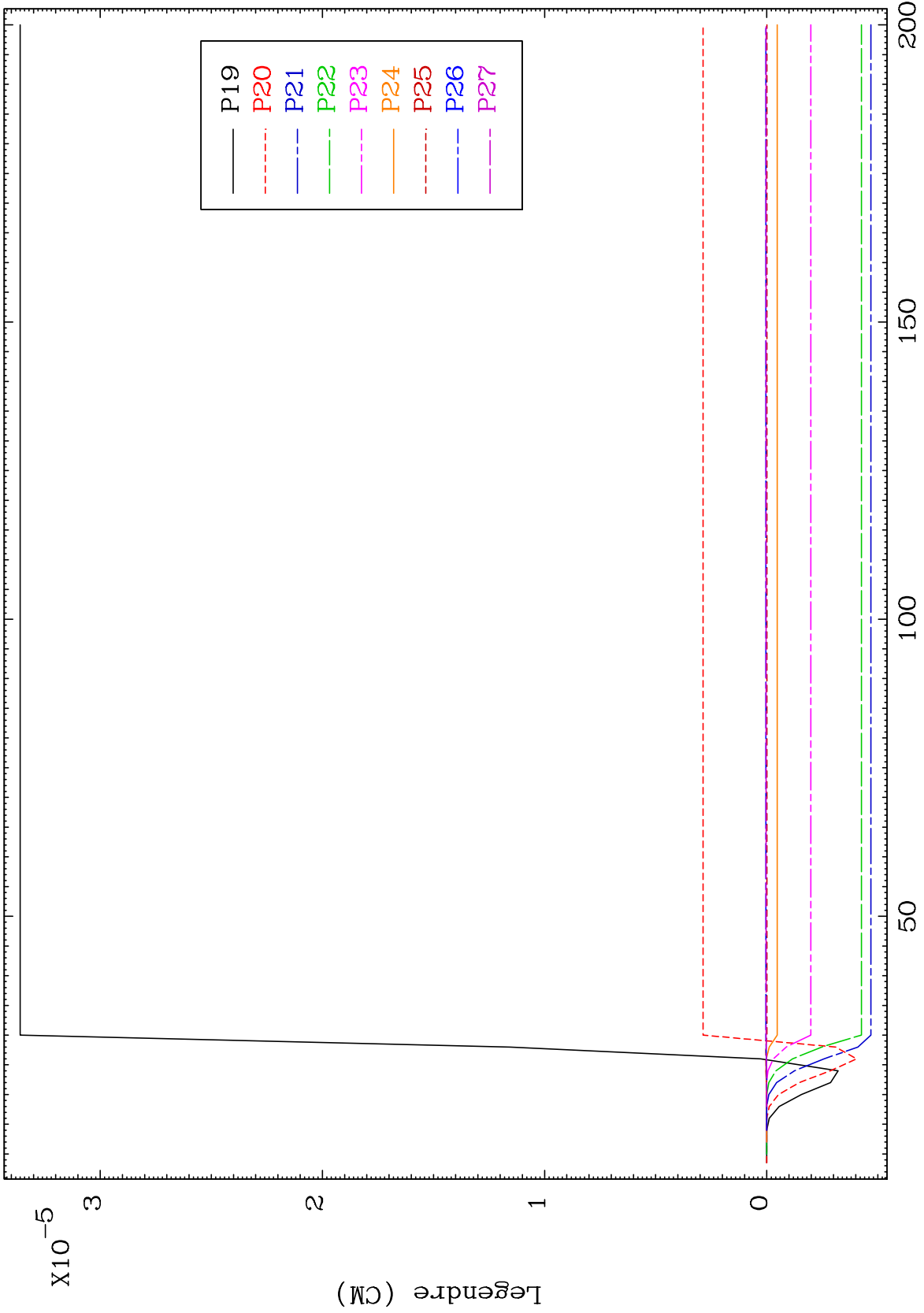
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



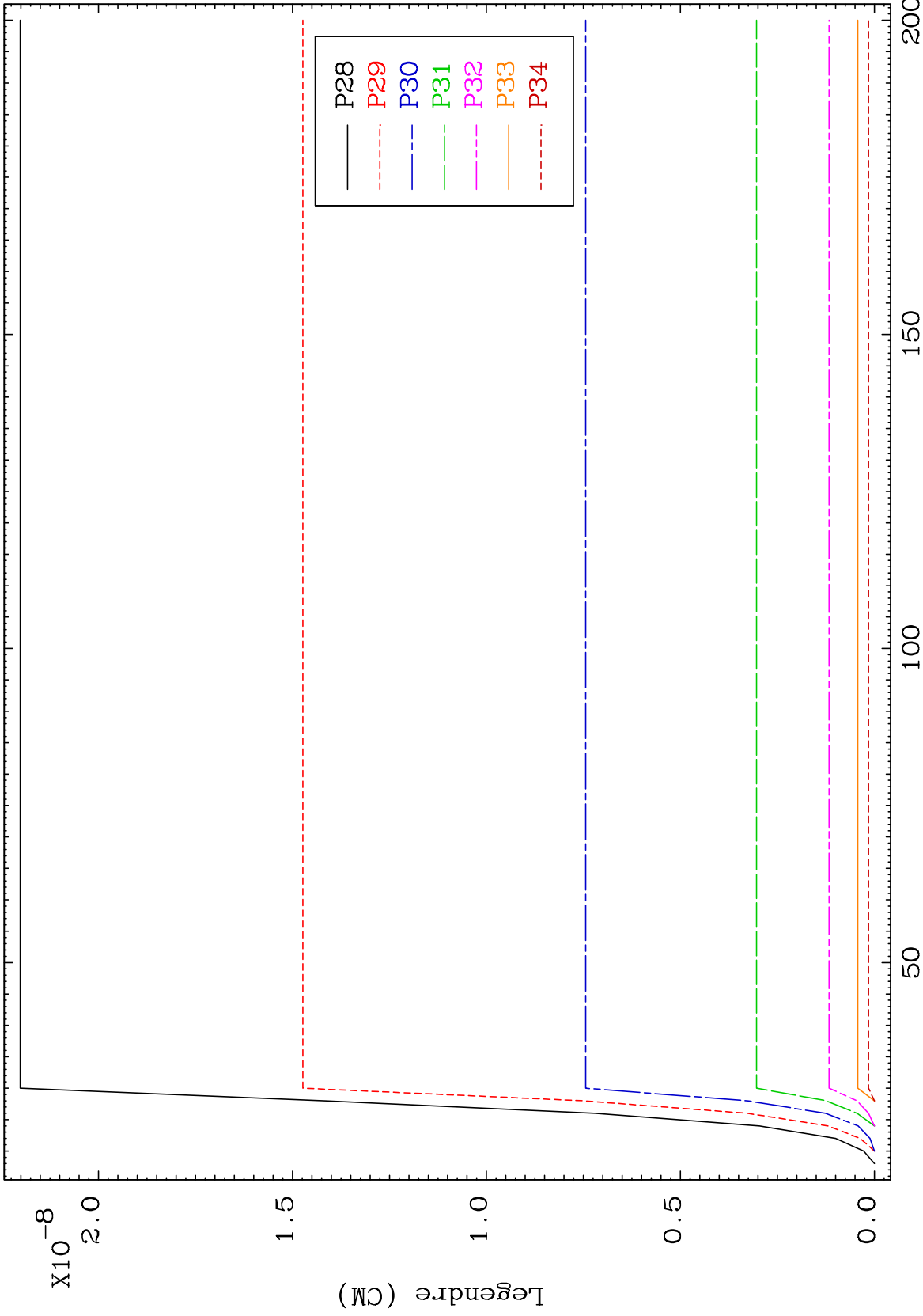
76

57-La-126

MAT 5689

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

57-La-126



77

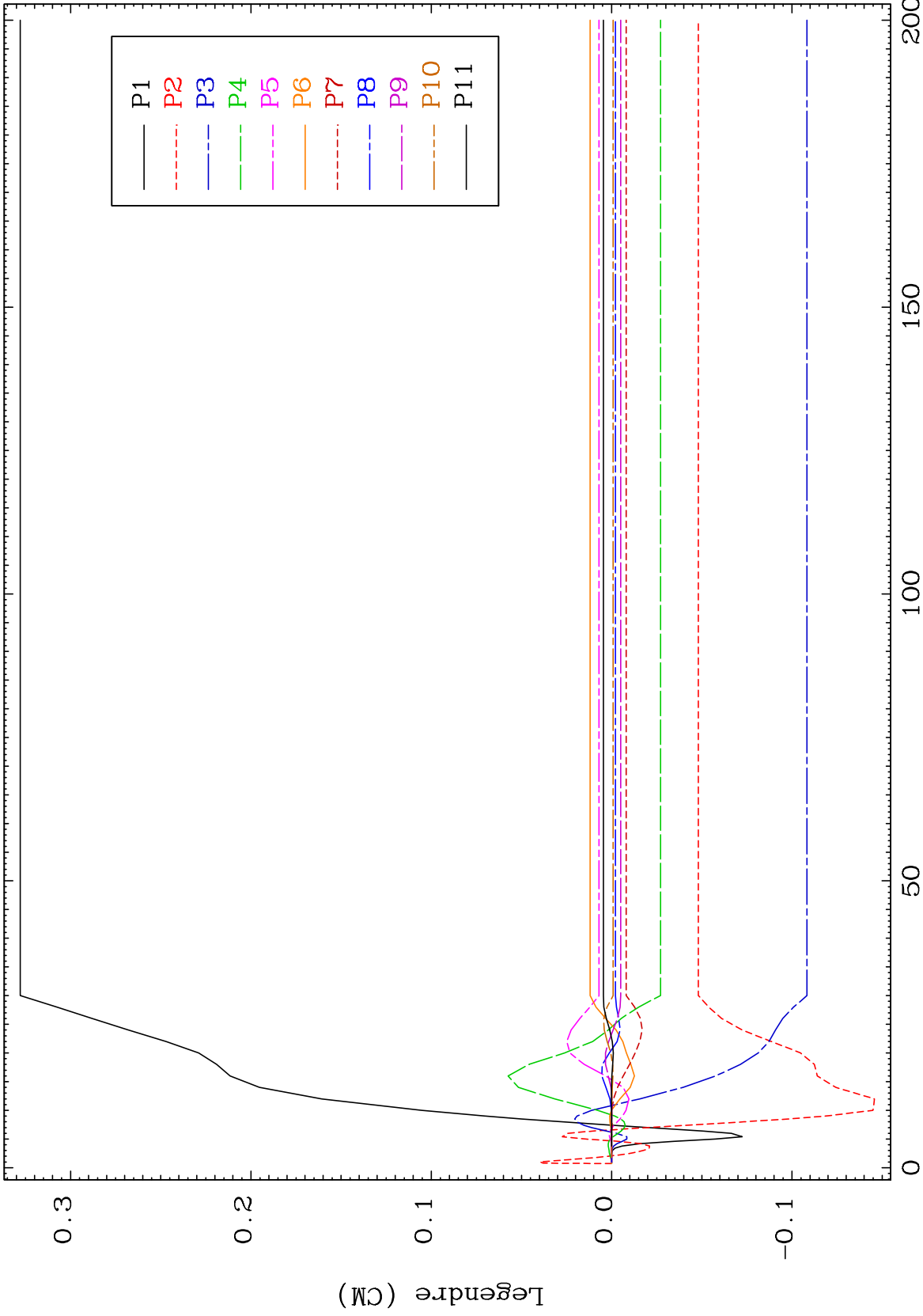
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



78

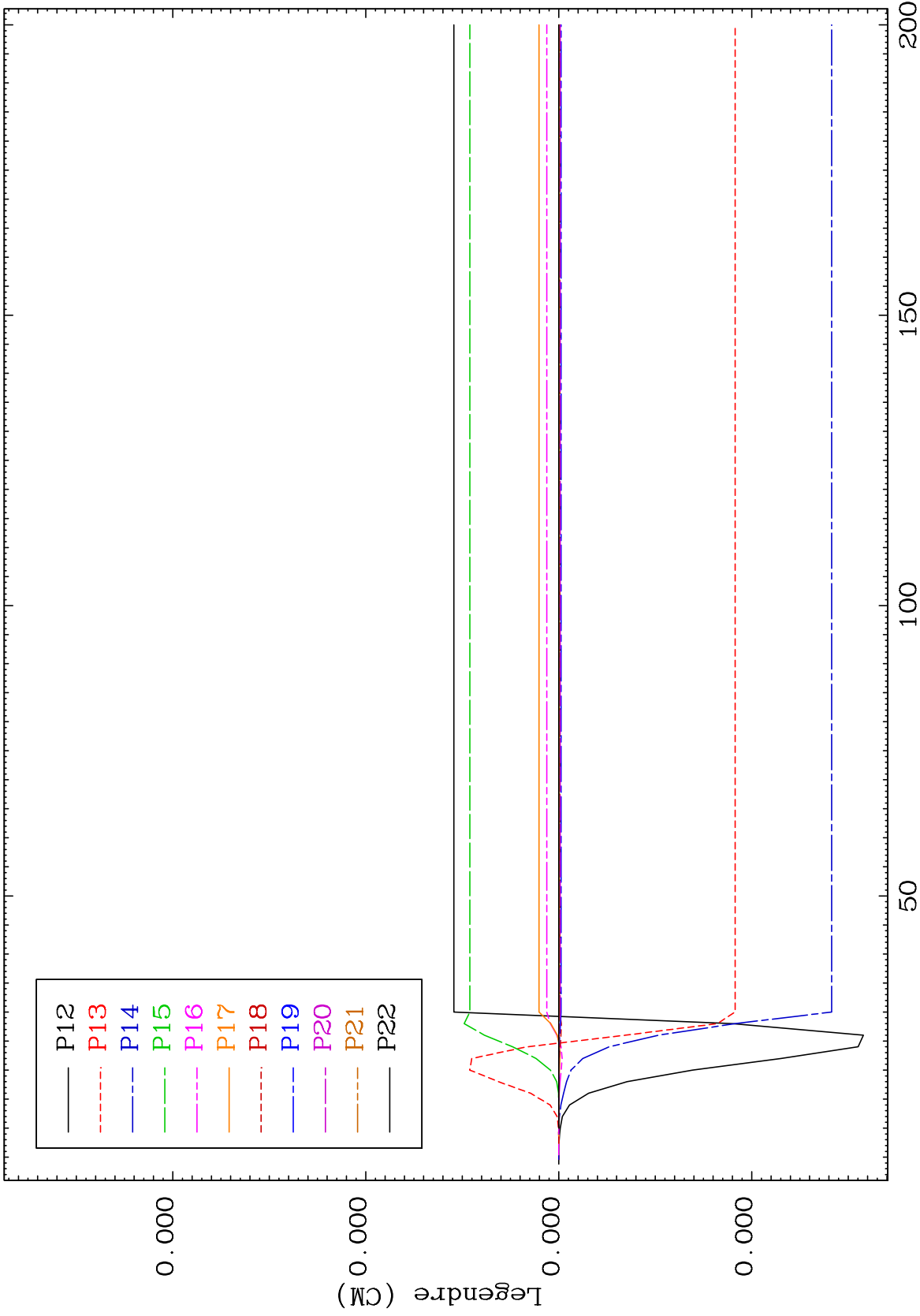
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



79

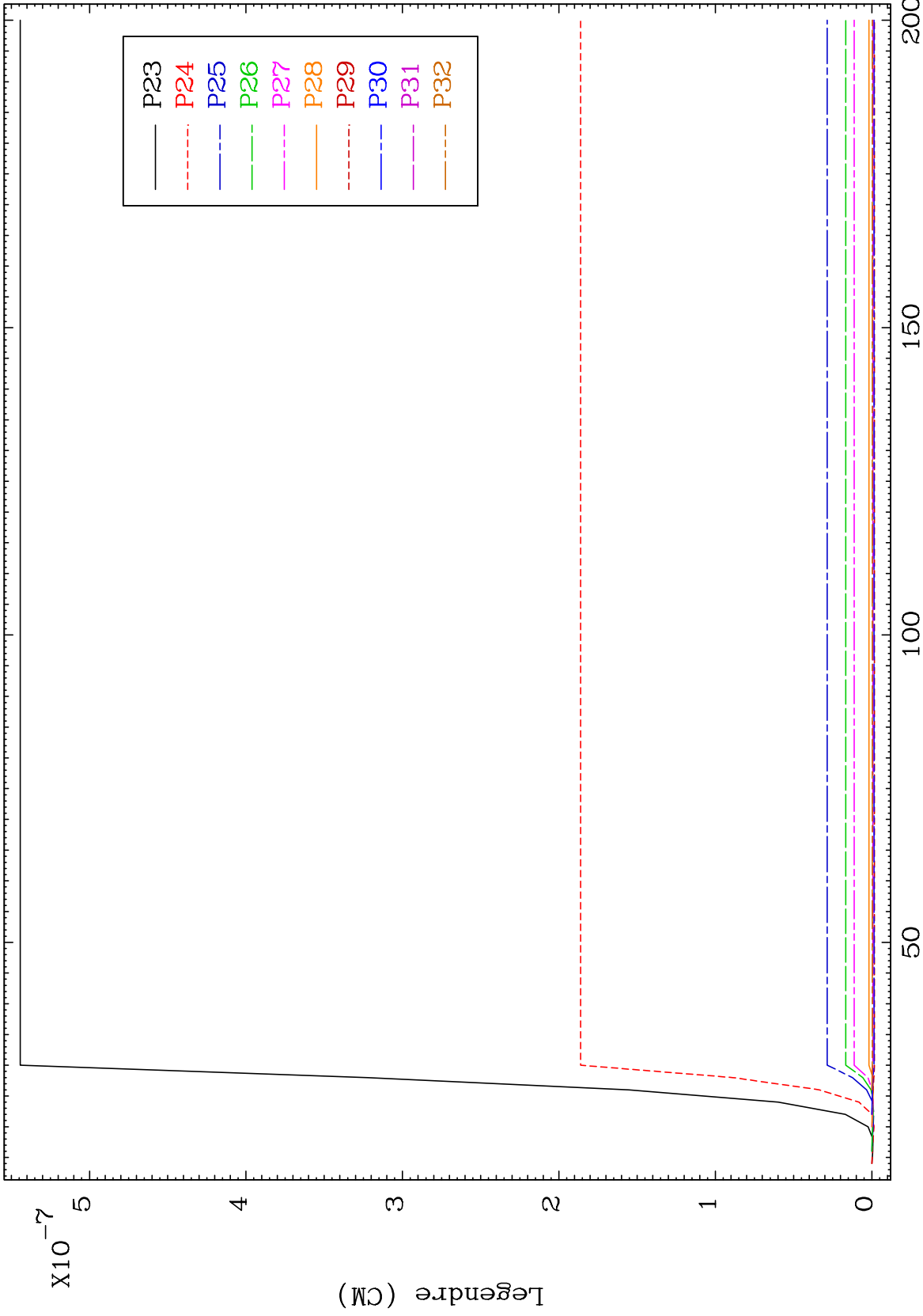
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



80

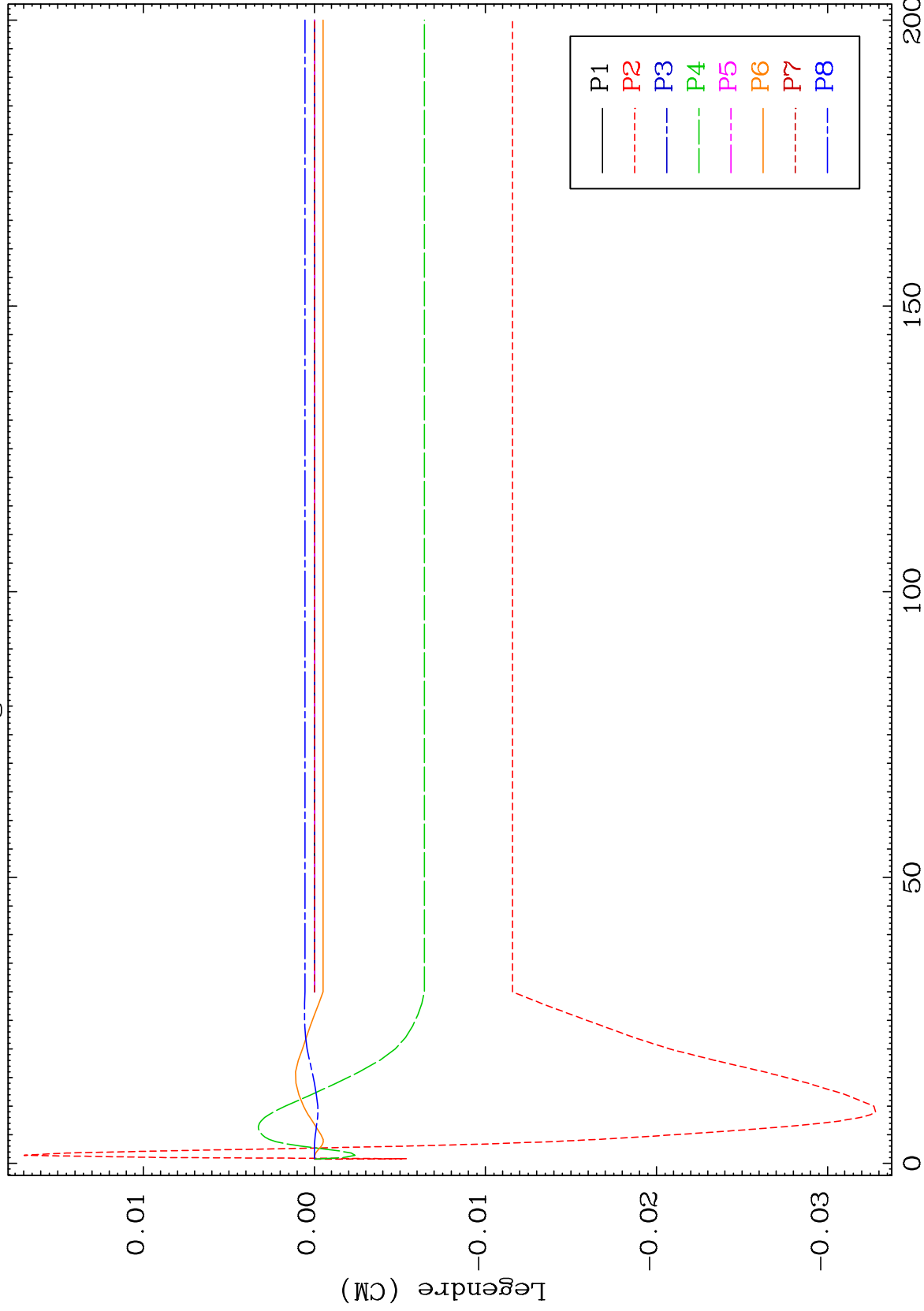
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



81

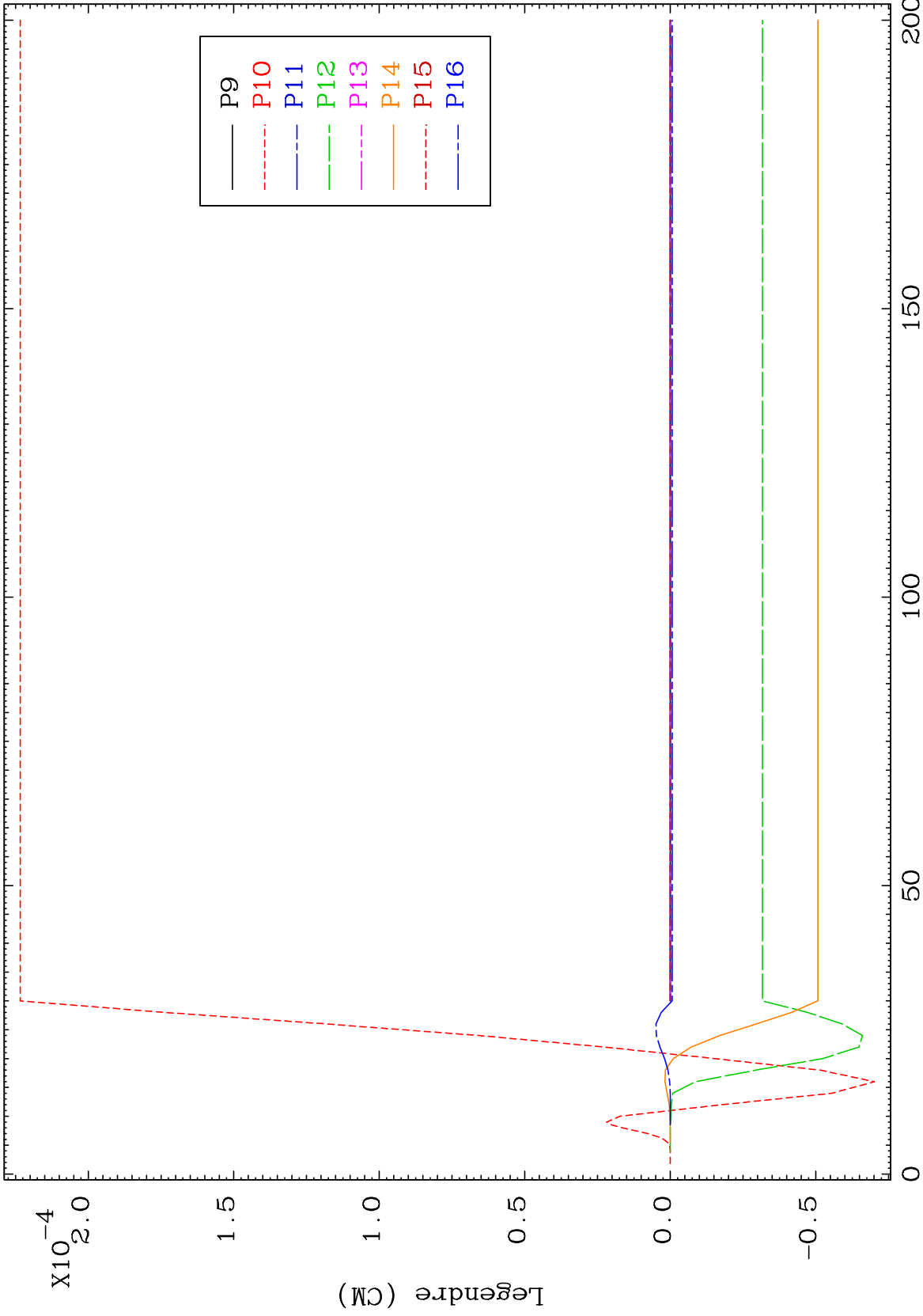
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



82

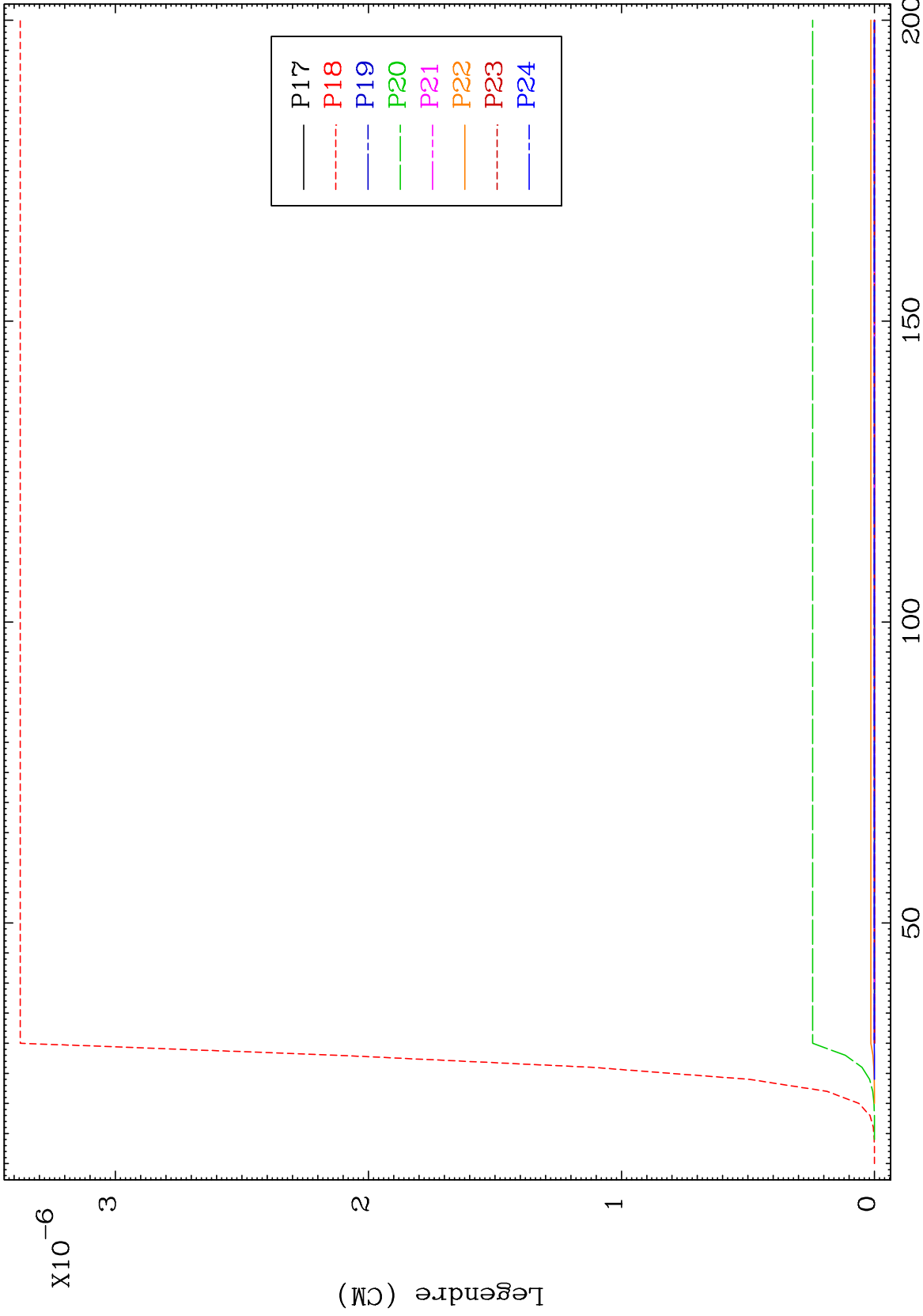
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



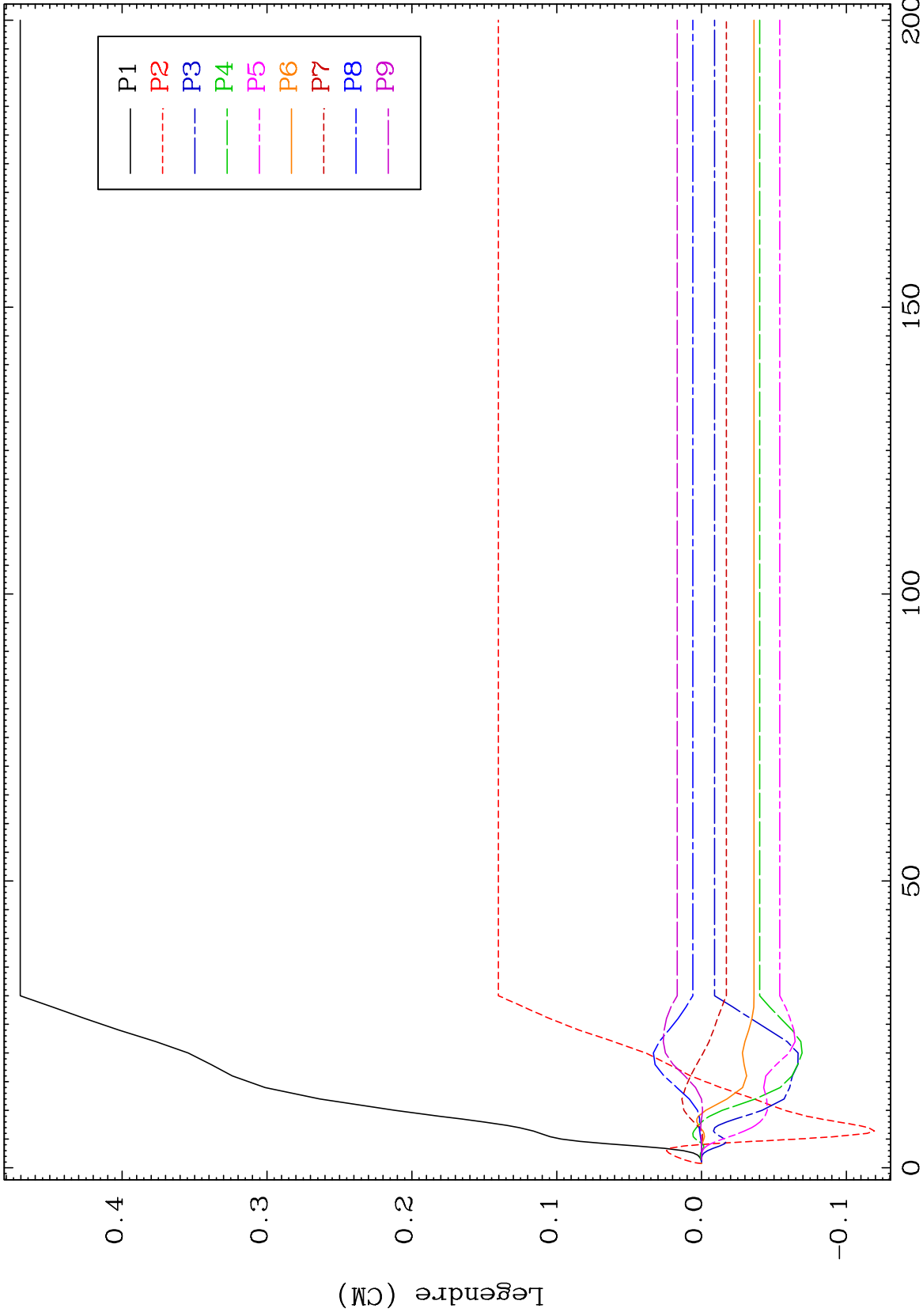
83

57-La-126

MAT 5689

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

57-La-126



84

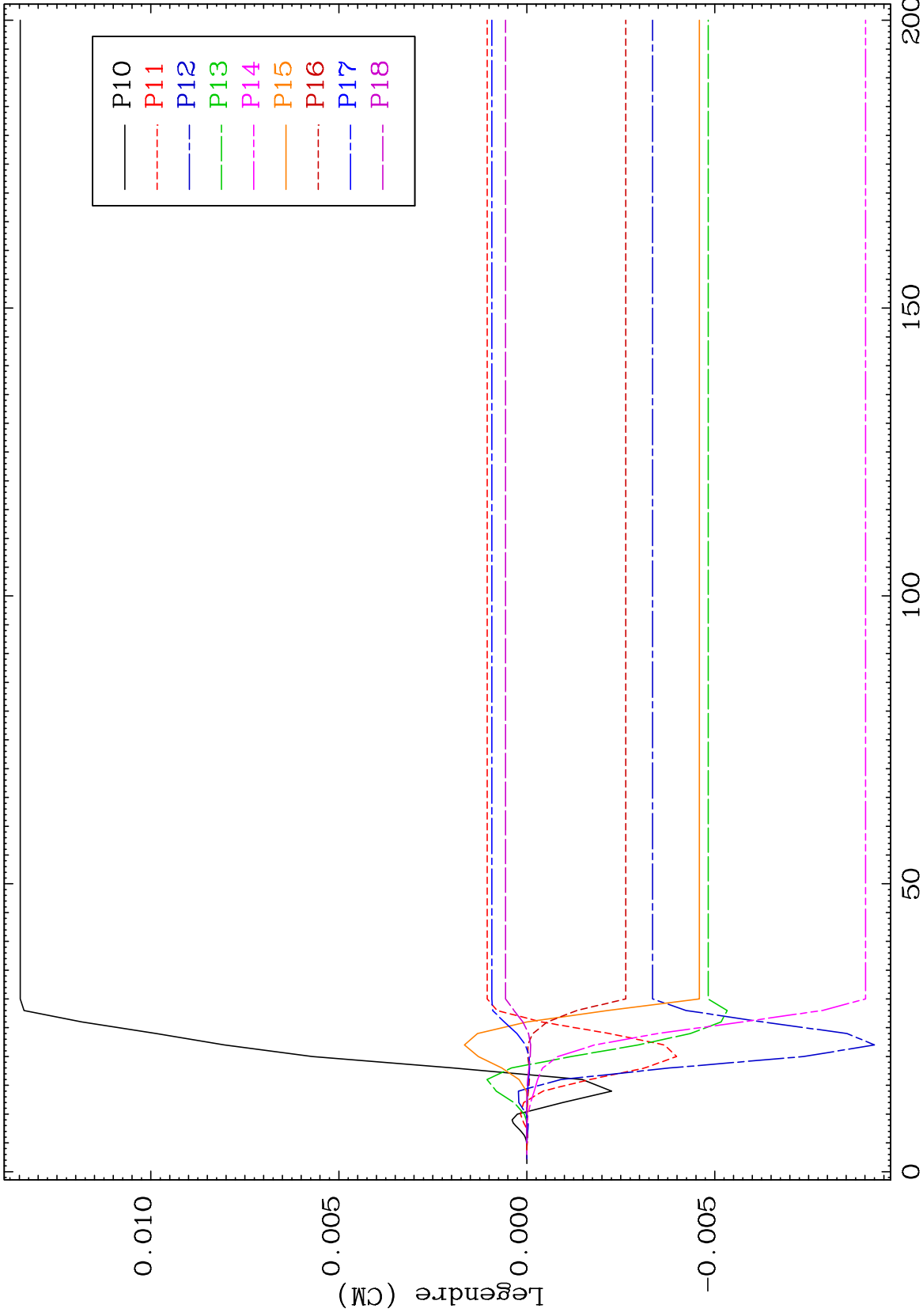
Incident Energy (MeV)

57-La-126

MAT 5689

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

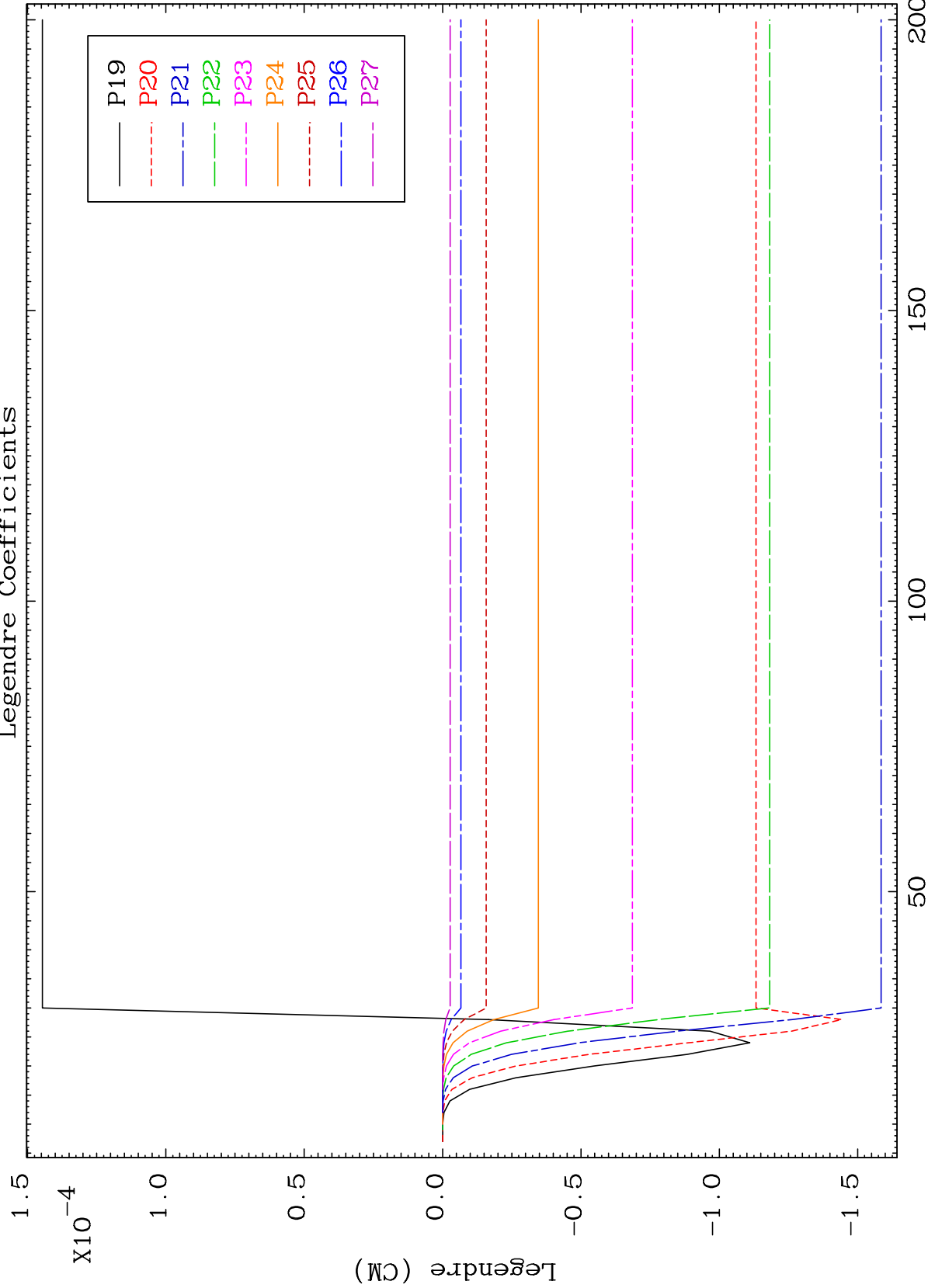
57-La-126



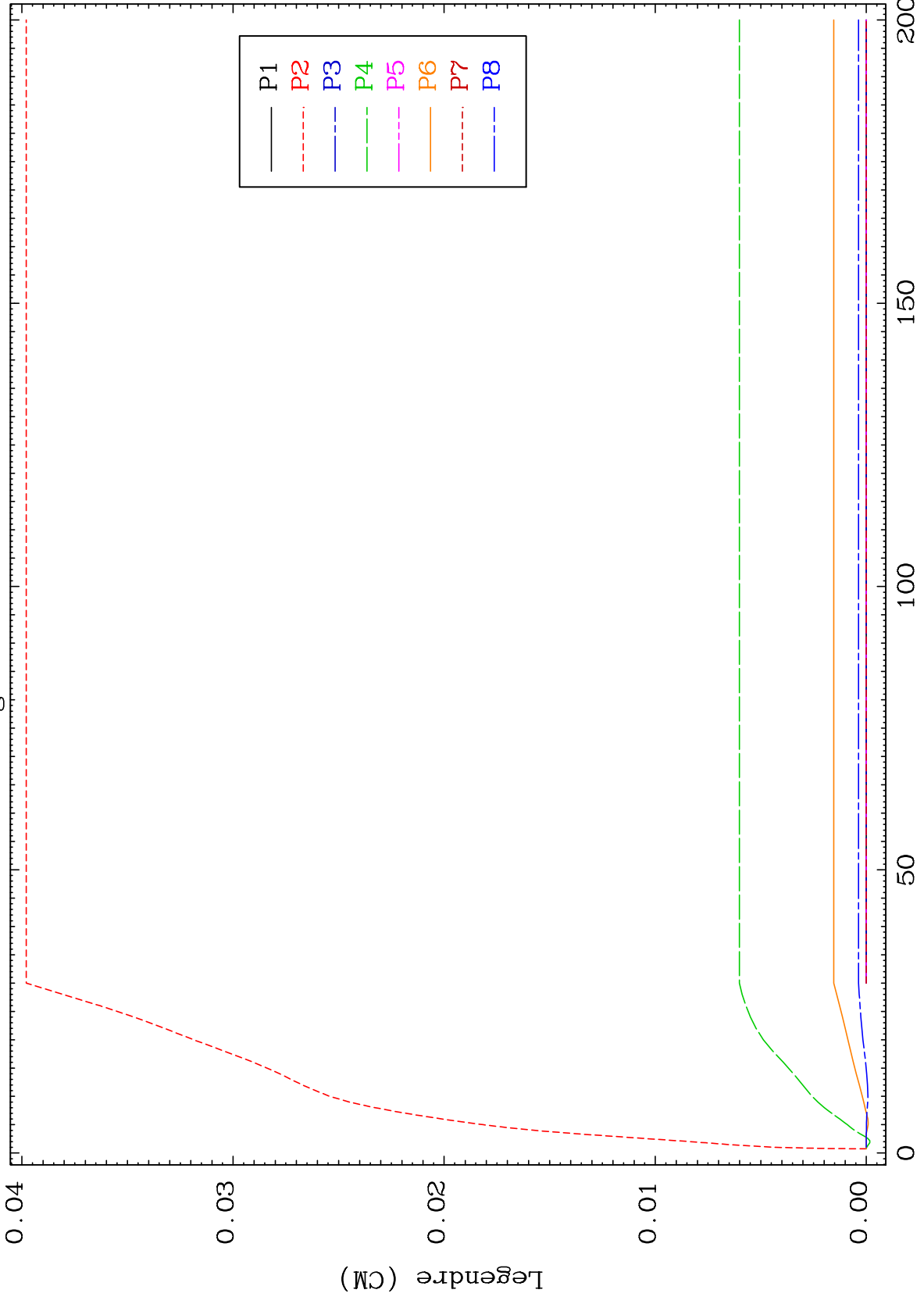
85

Incident Energy (MeV)

57-La-126



MAT 5689 MT= 71 (n,n') Level Legendre Coefficients 57-La-126

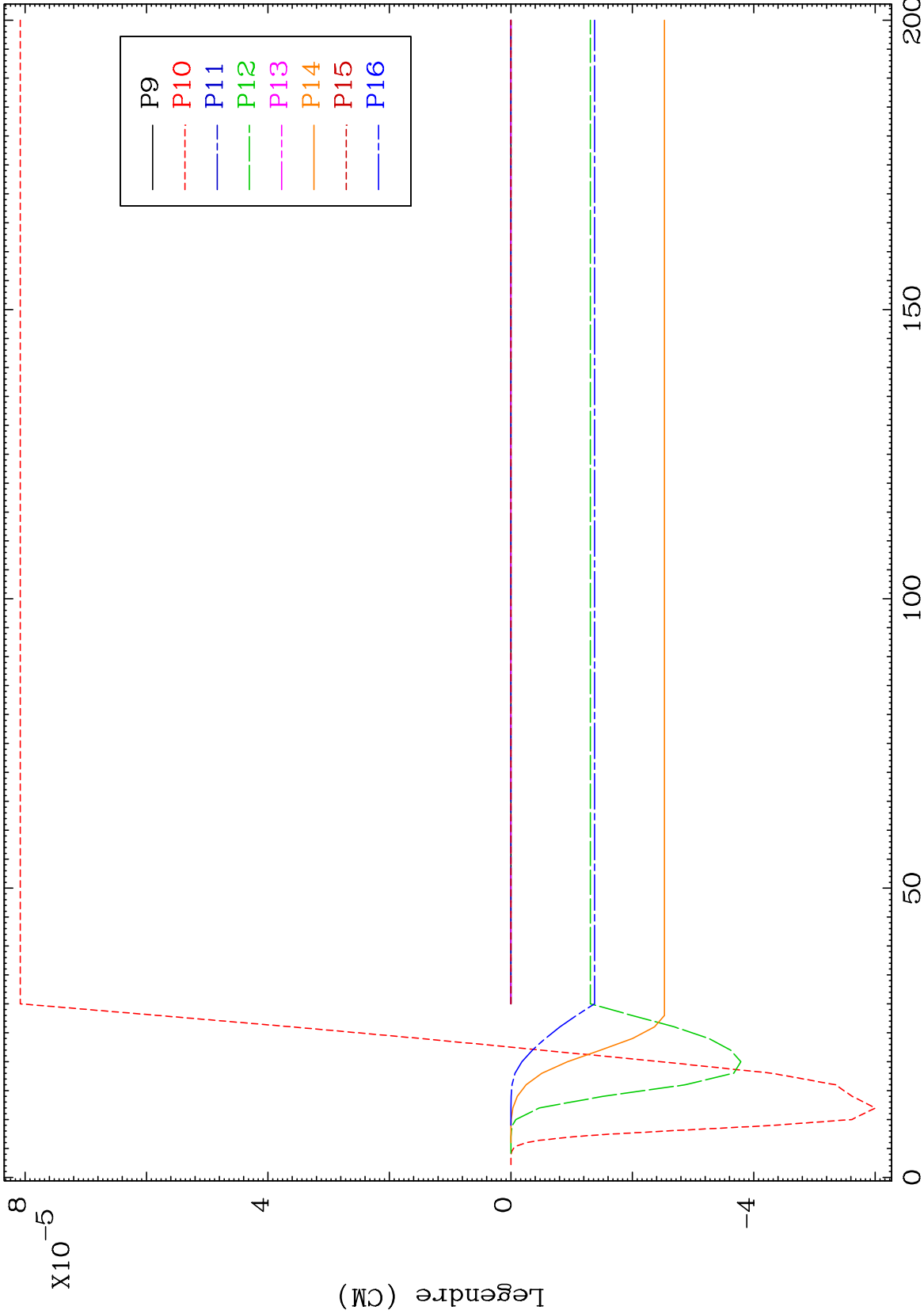


88 57-La-126

MAT 5689

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

57-La-126



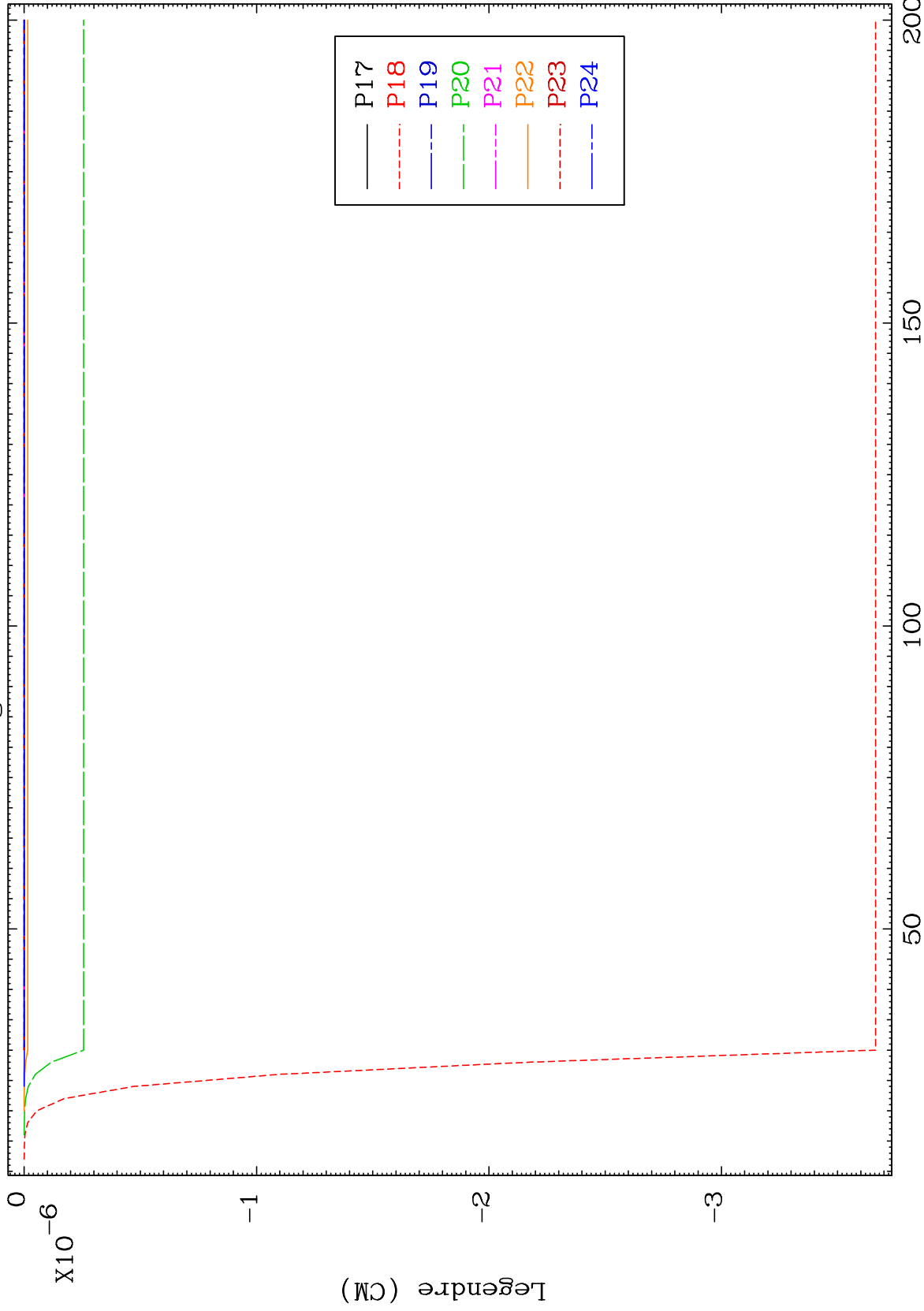
89

57-La-126

MAT 5689

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

57-La-126



90

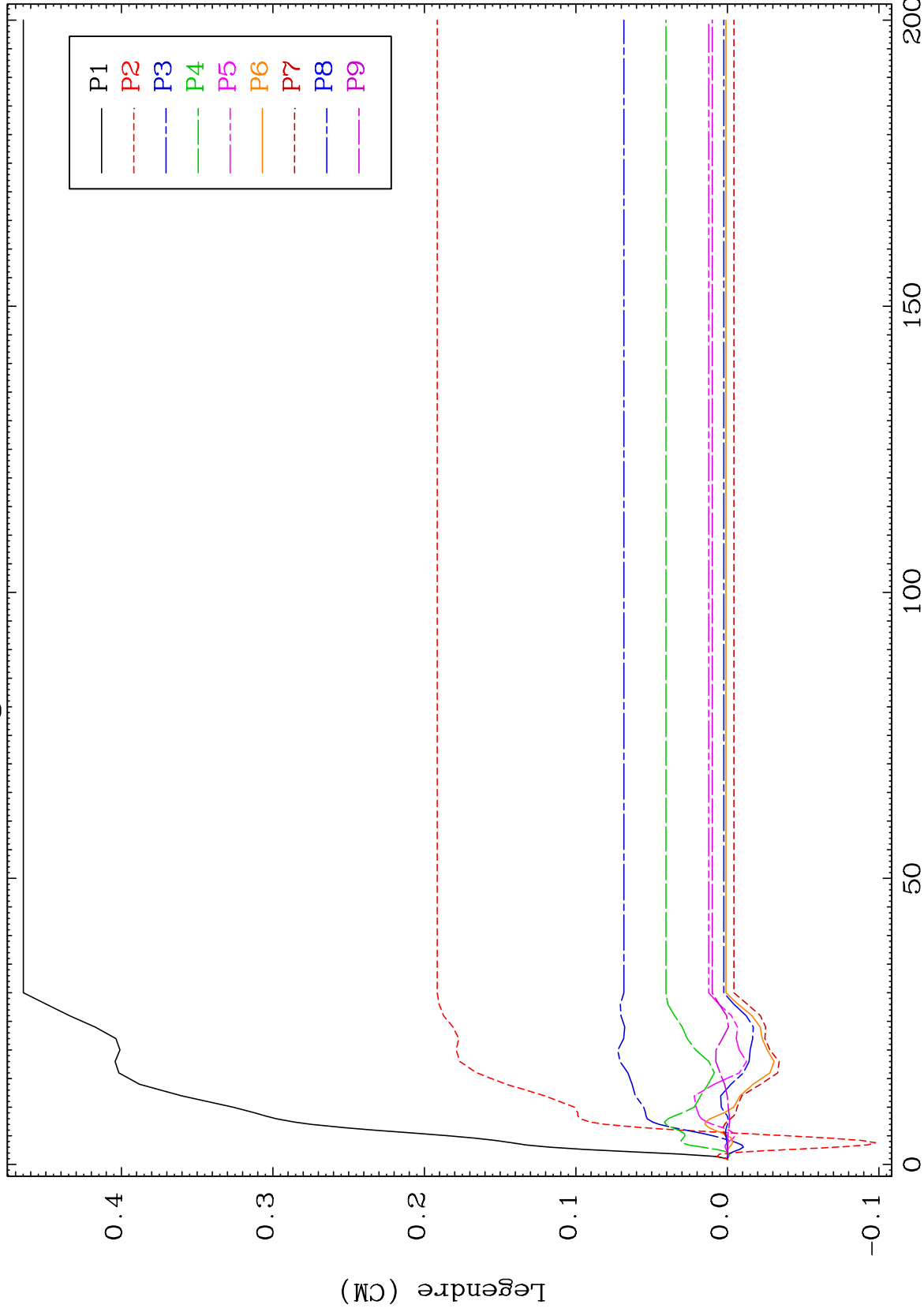
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



91

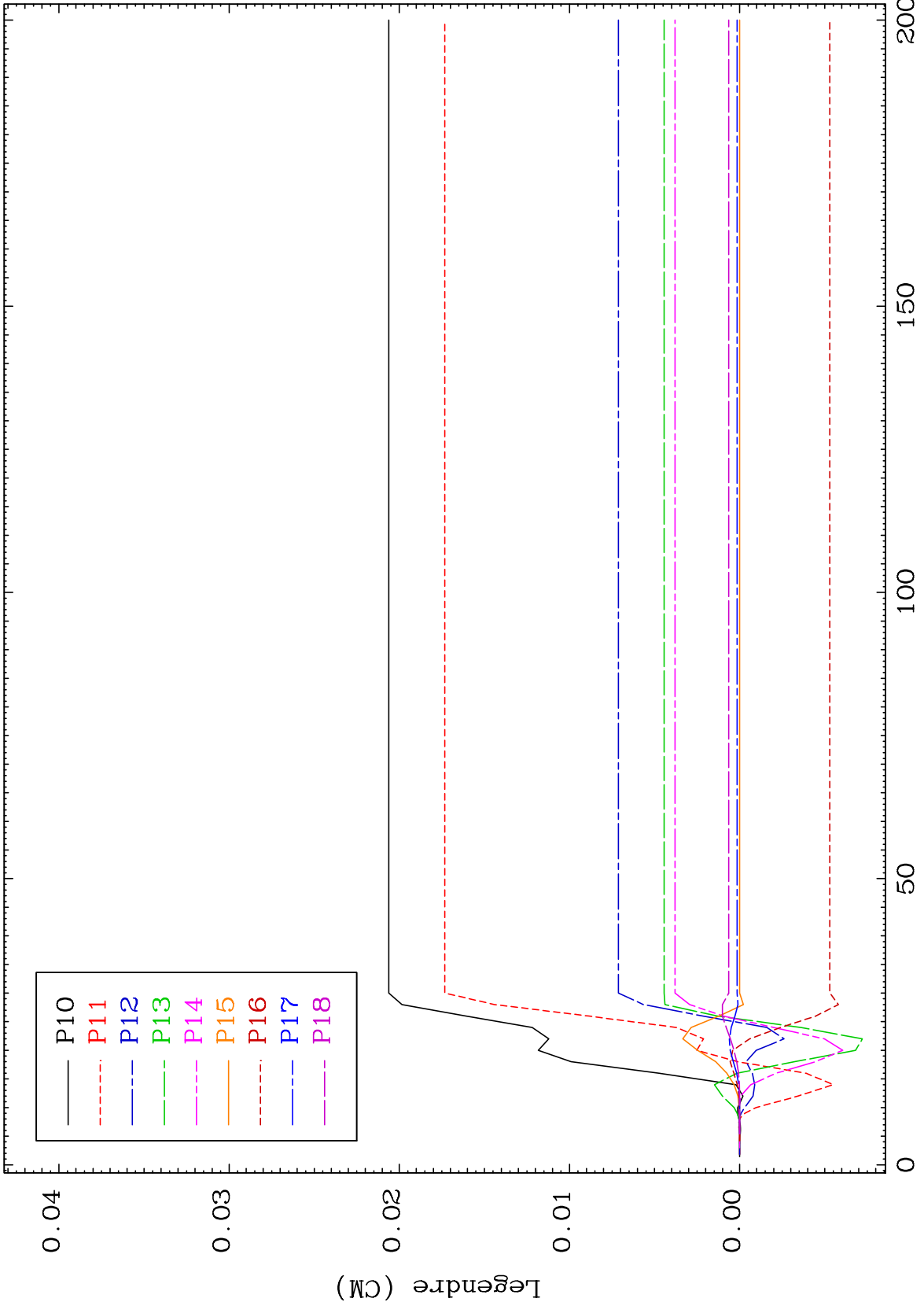
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



92

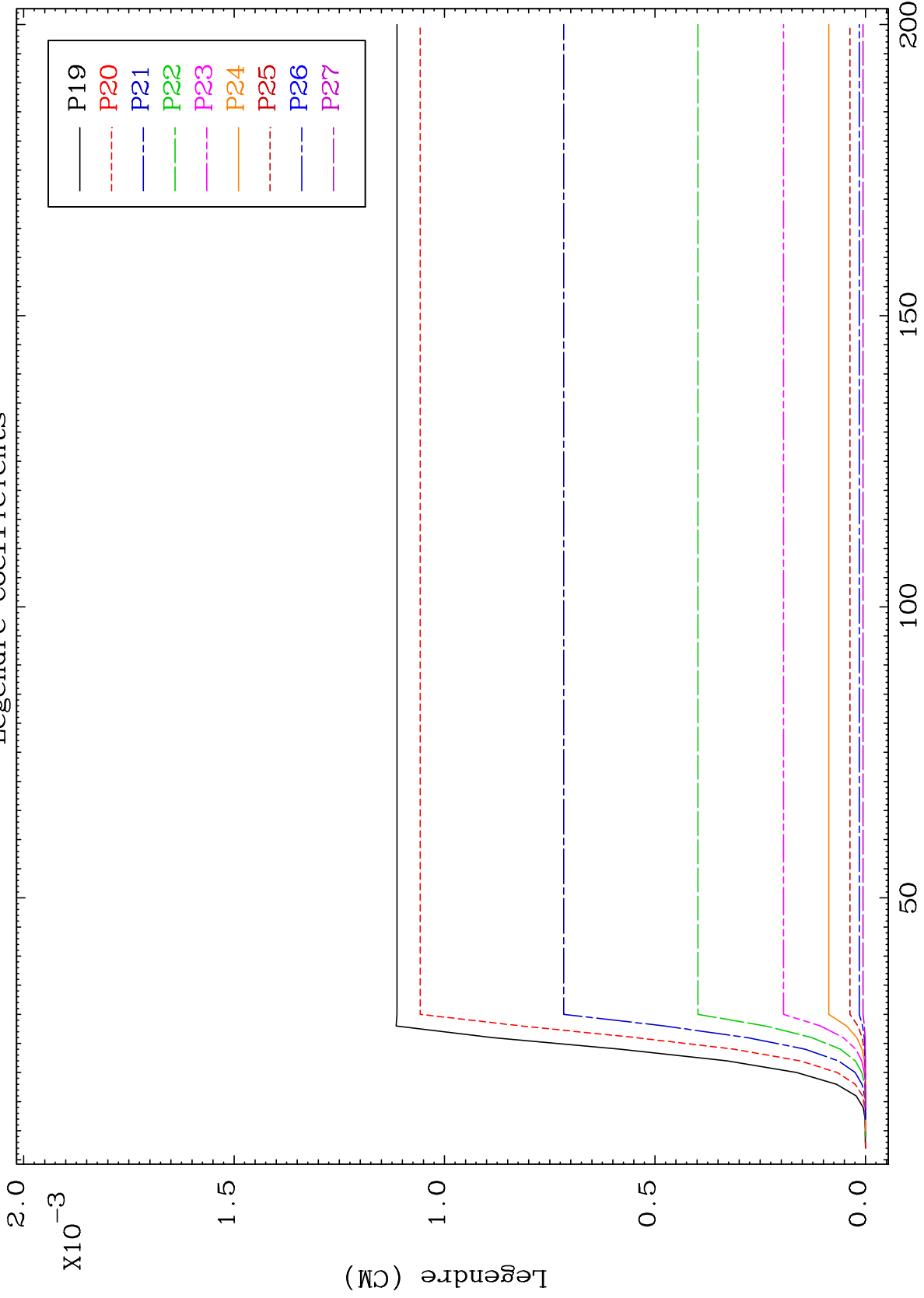
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



93

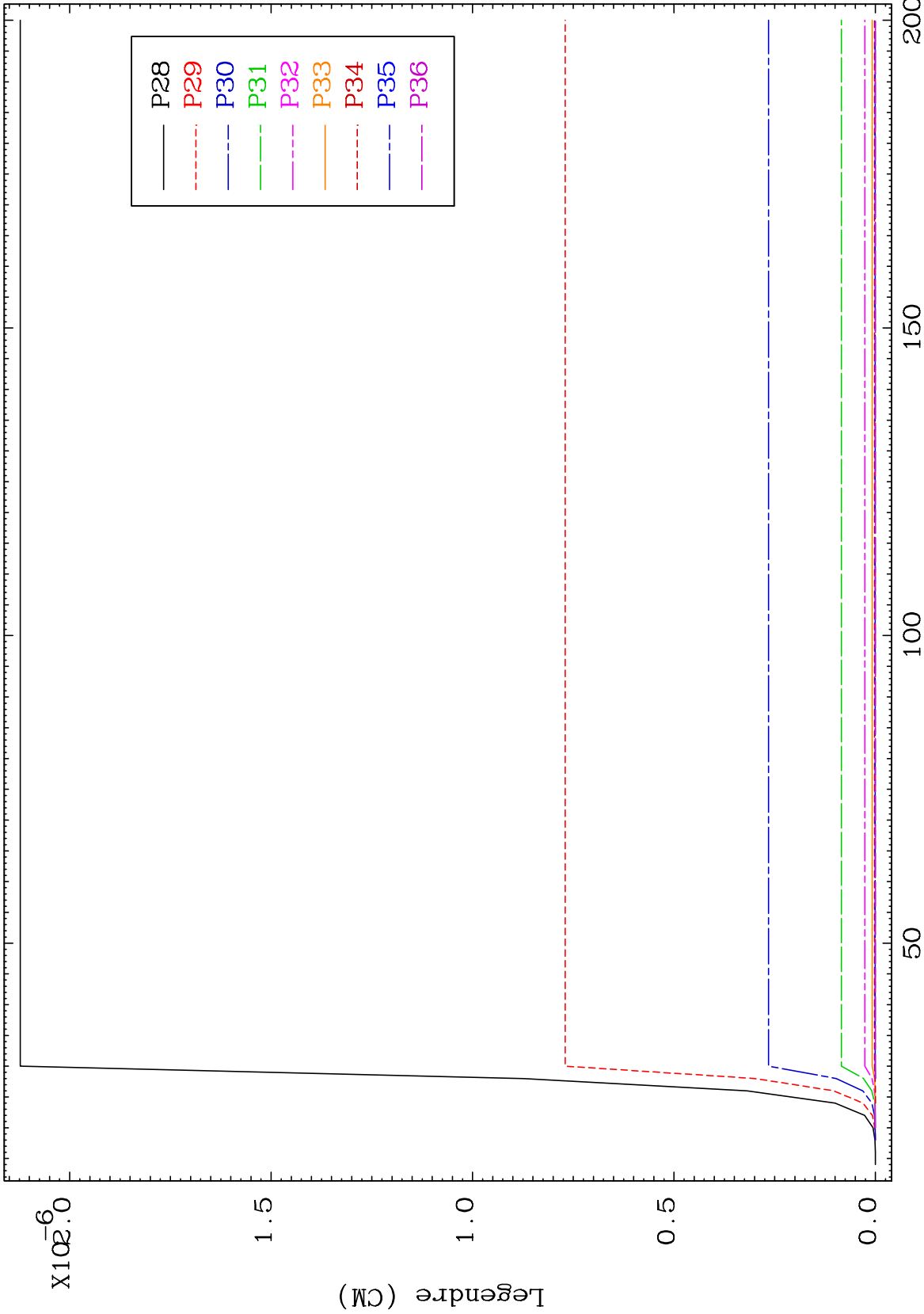
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



94

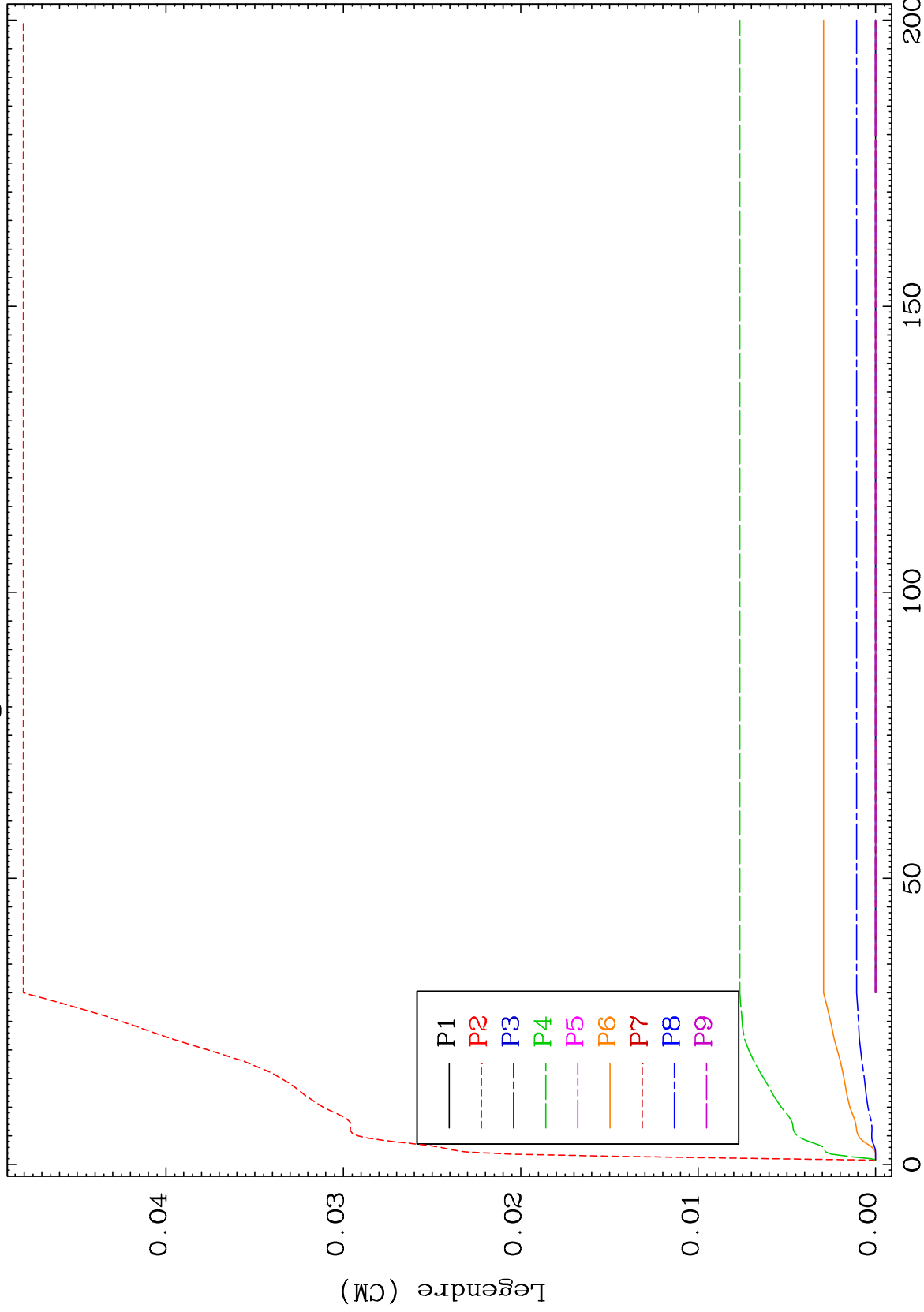
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



95

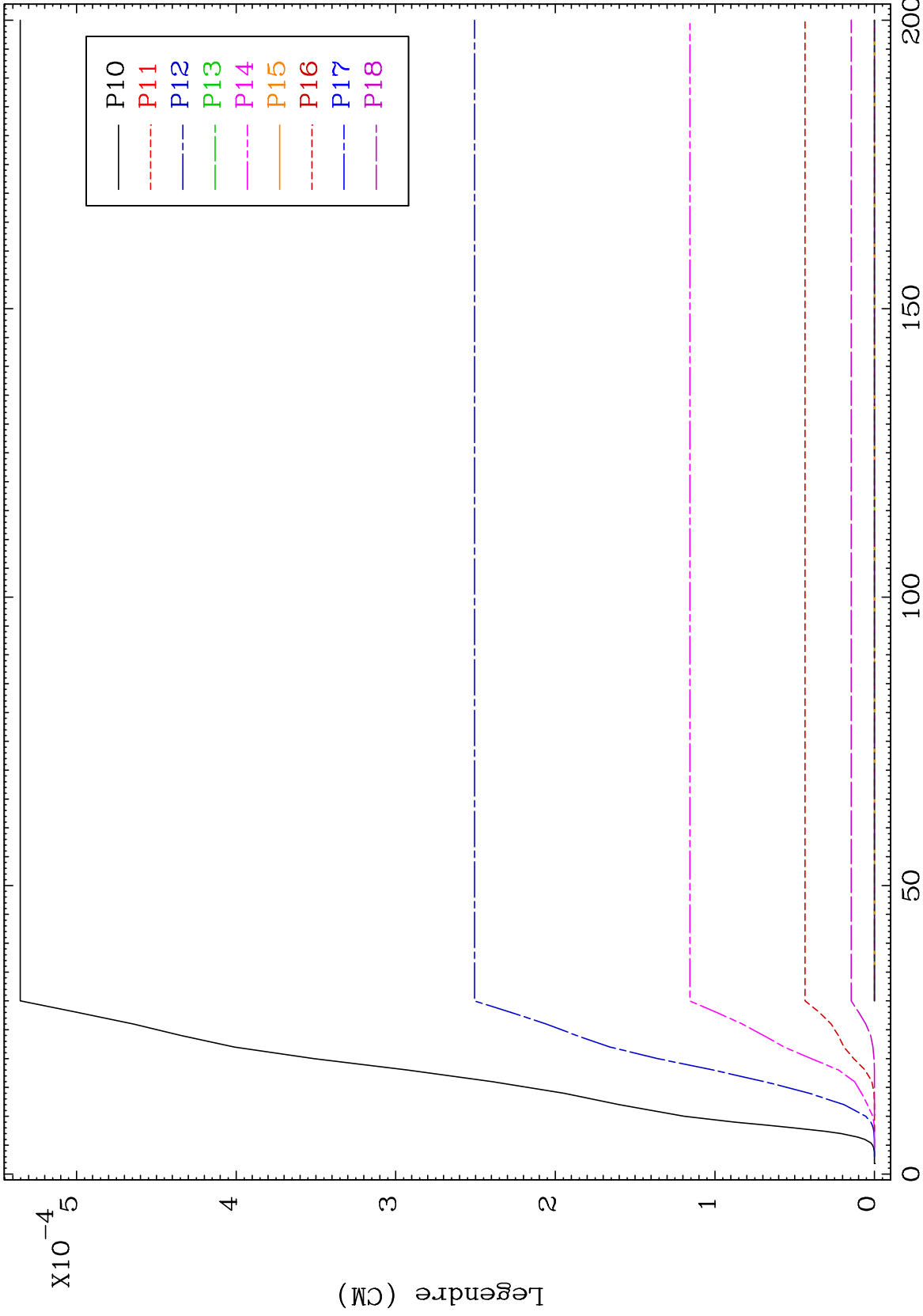
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



96

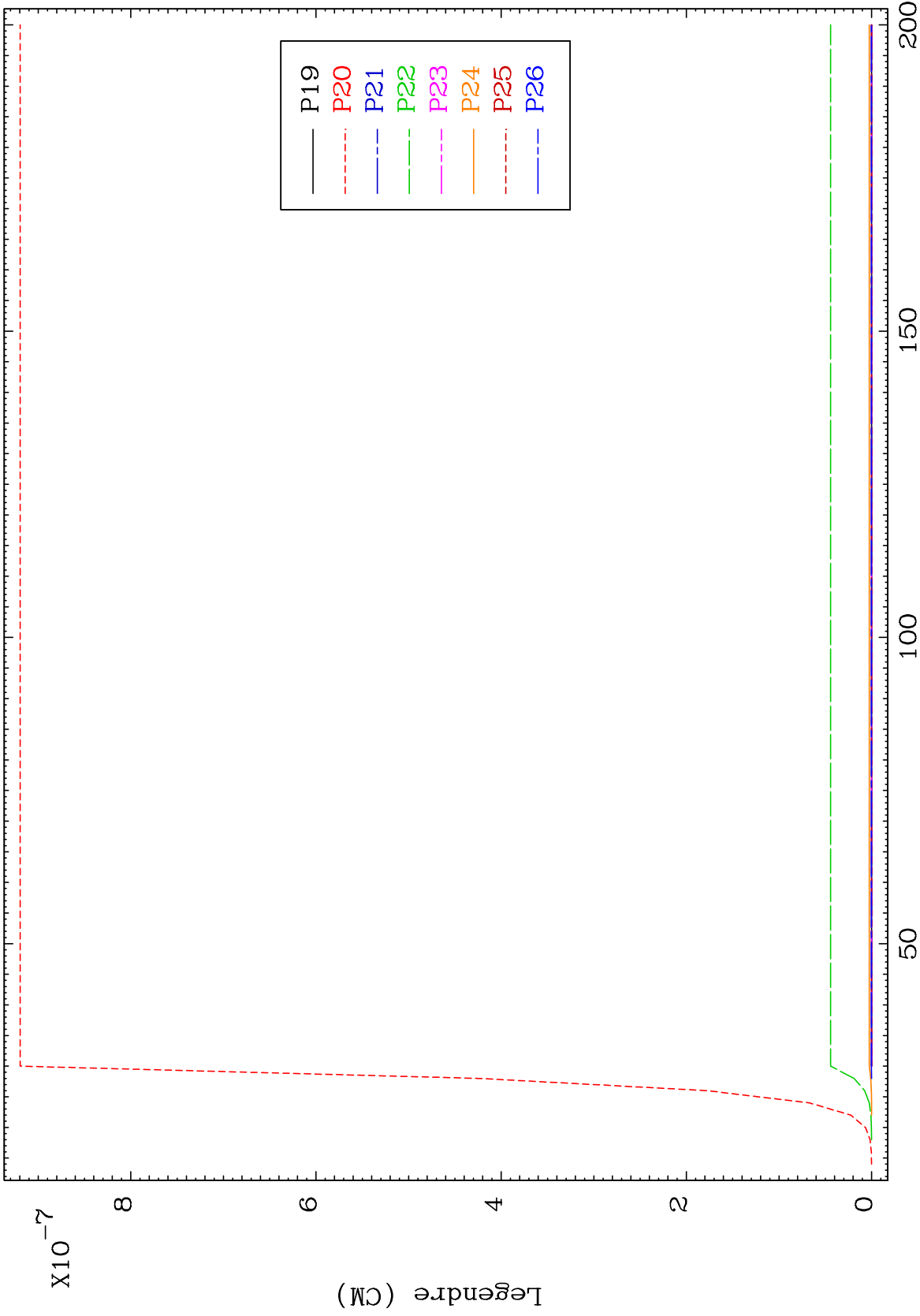
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



97

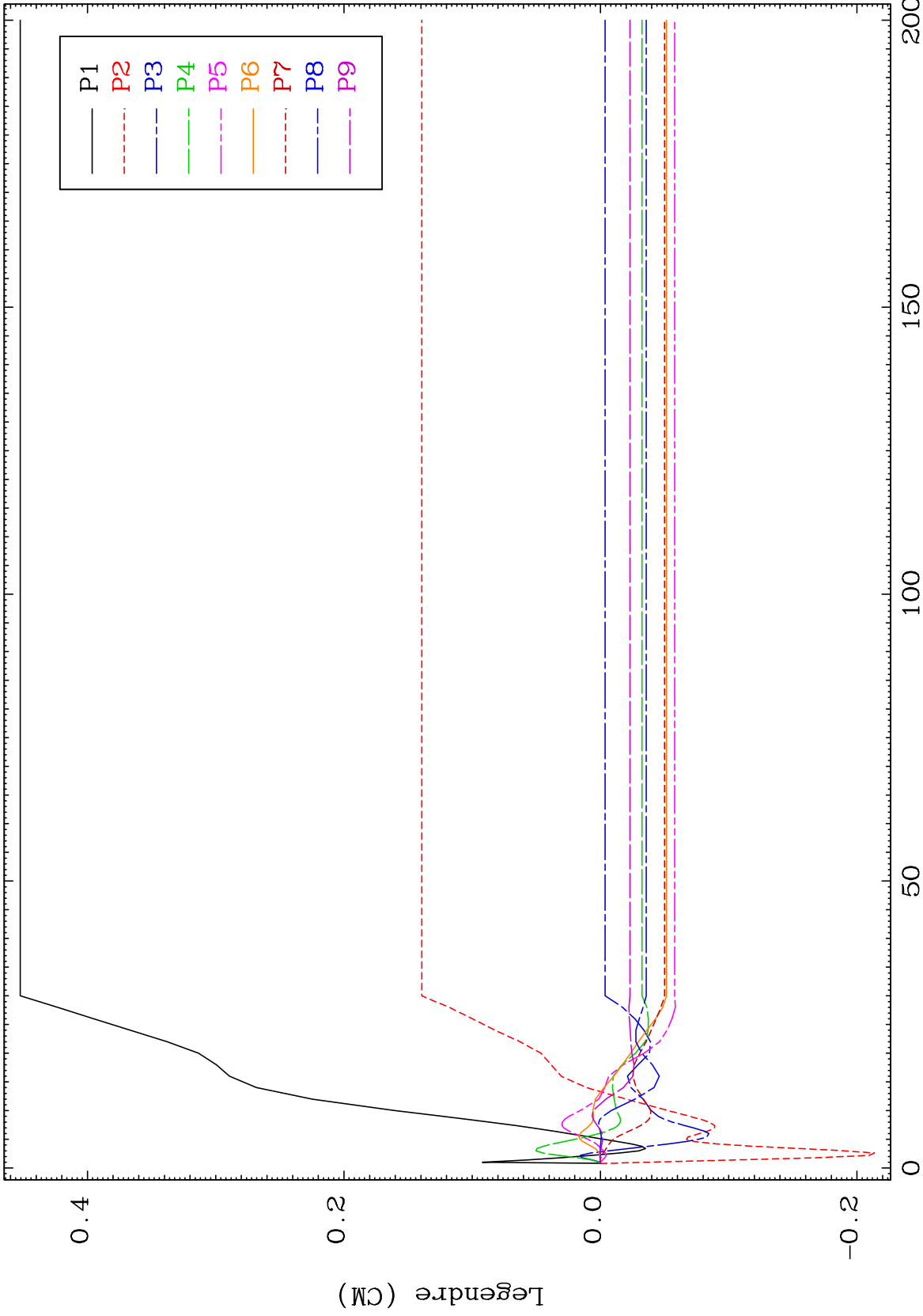
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



98

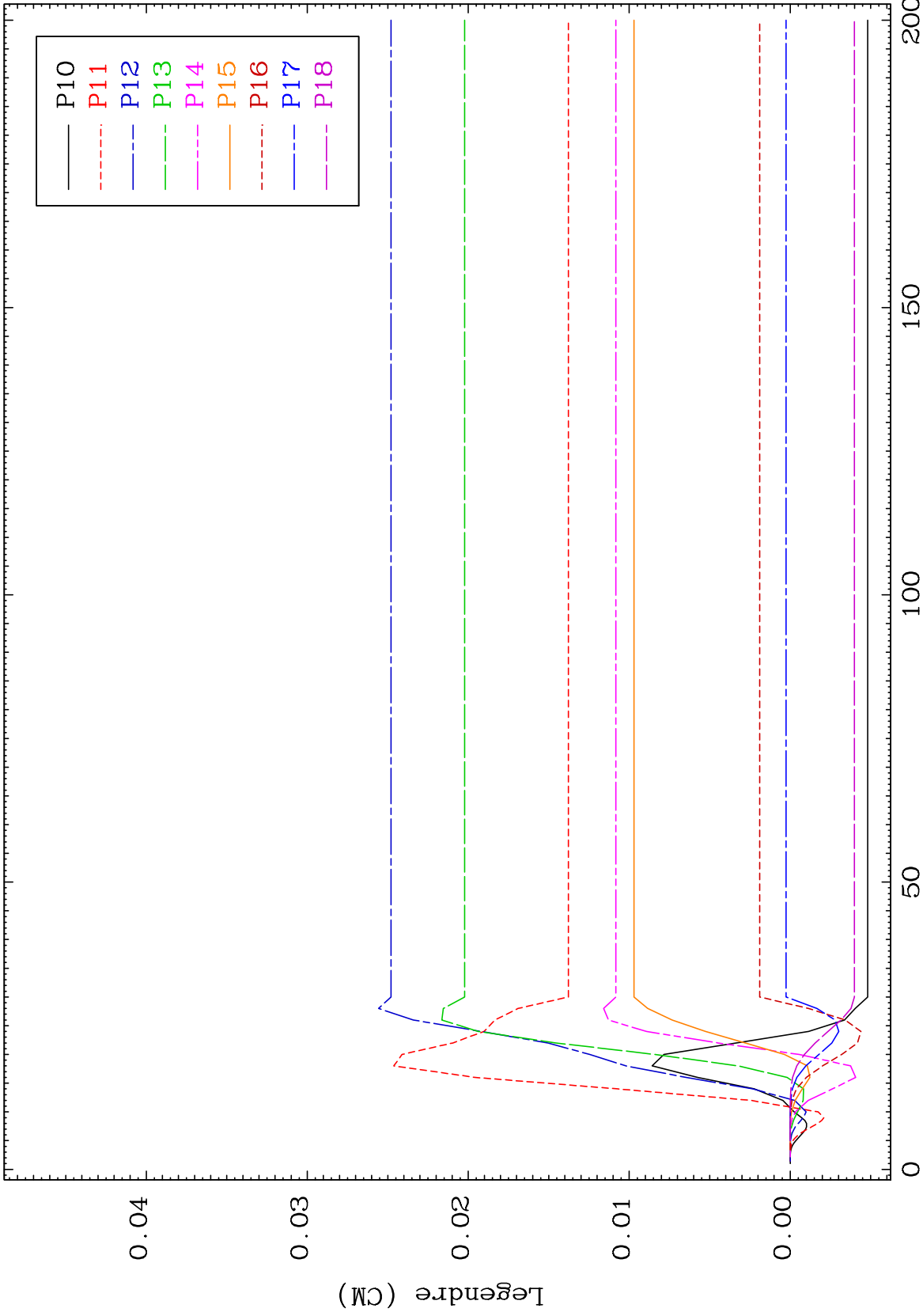
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



99

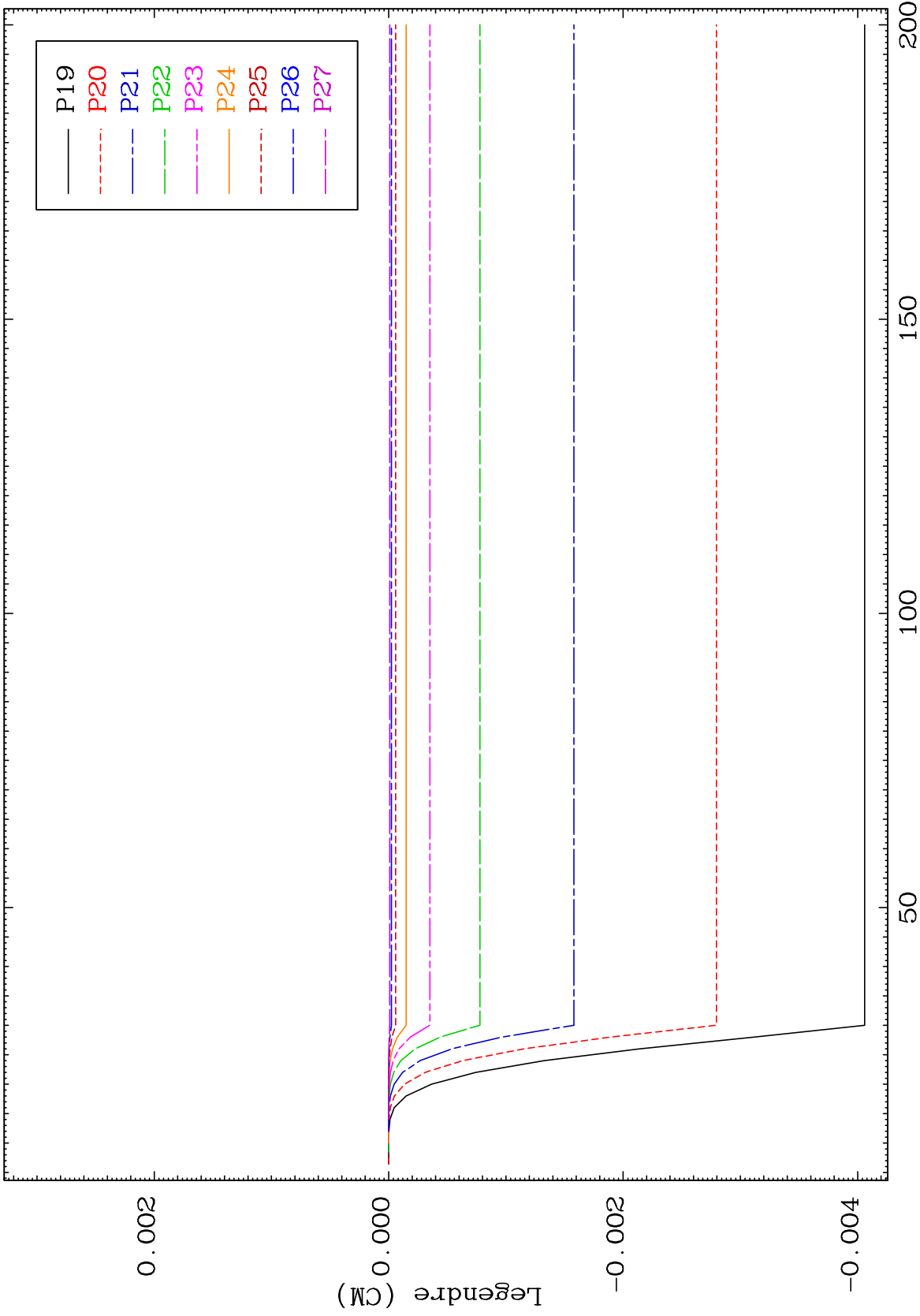
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



100

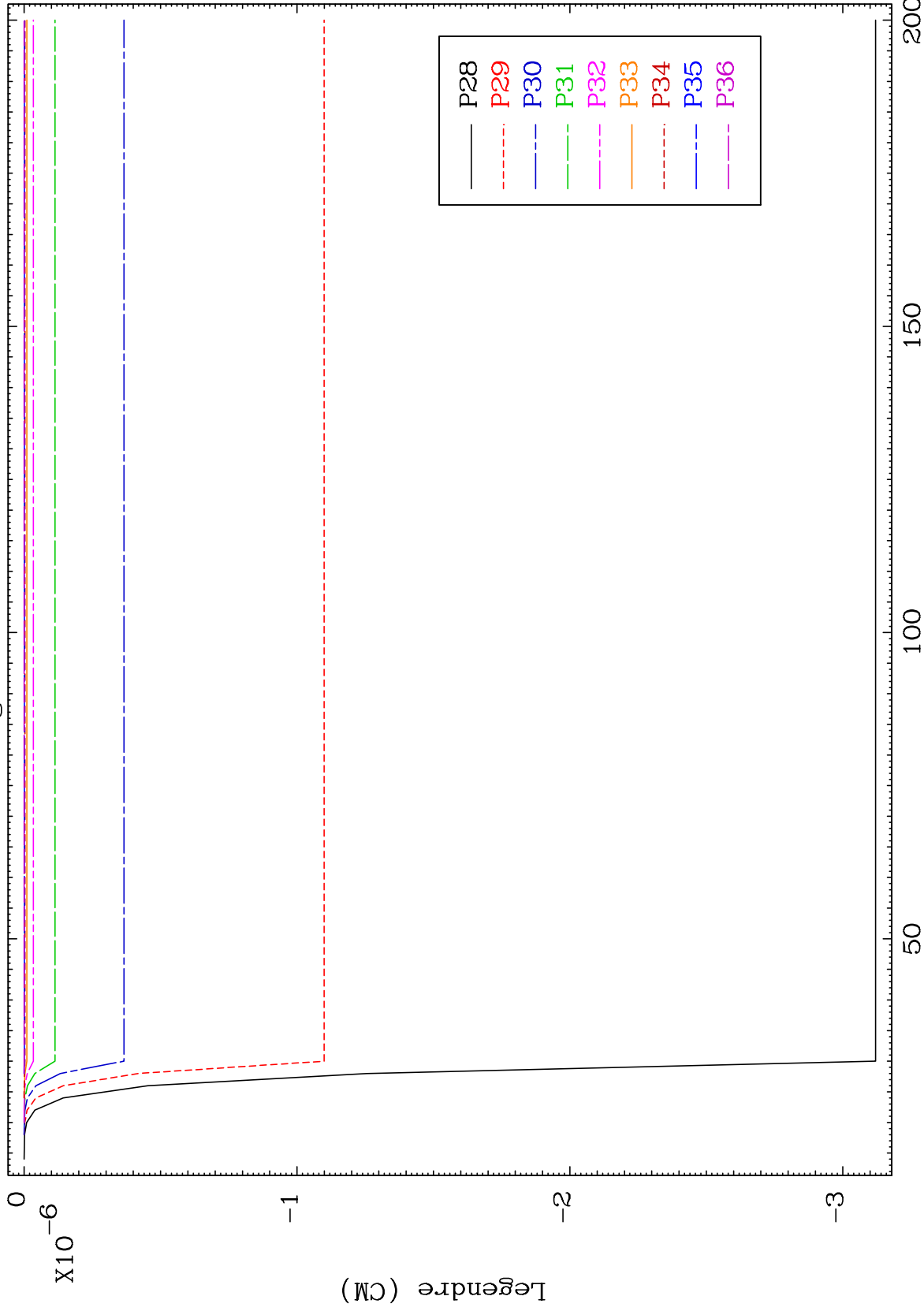
Incident Energy (MeV)

57-La-126

MAT 5689

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

57-La-126



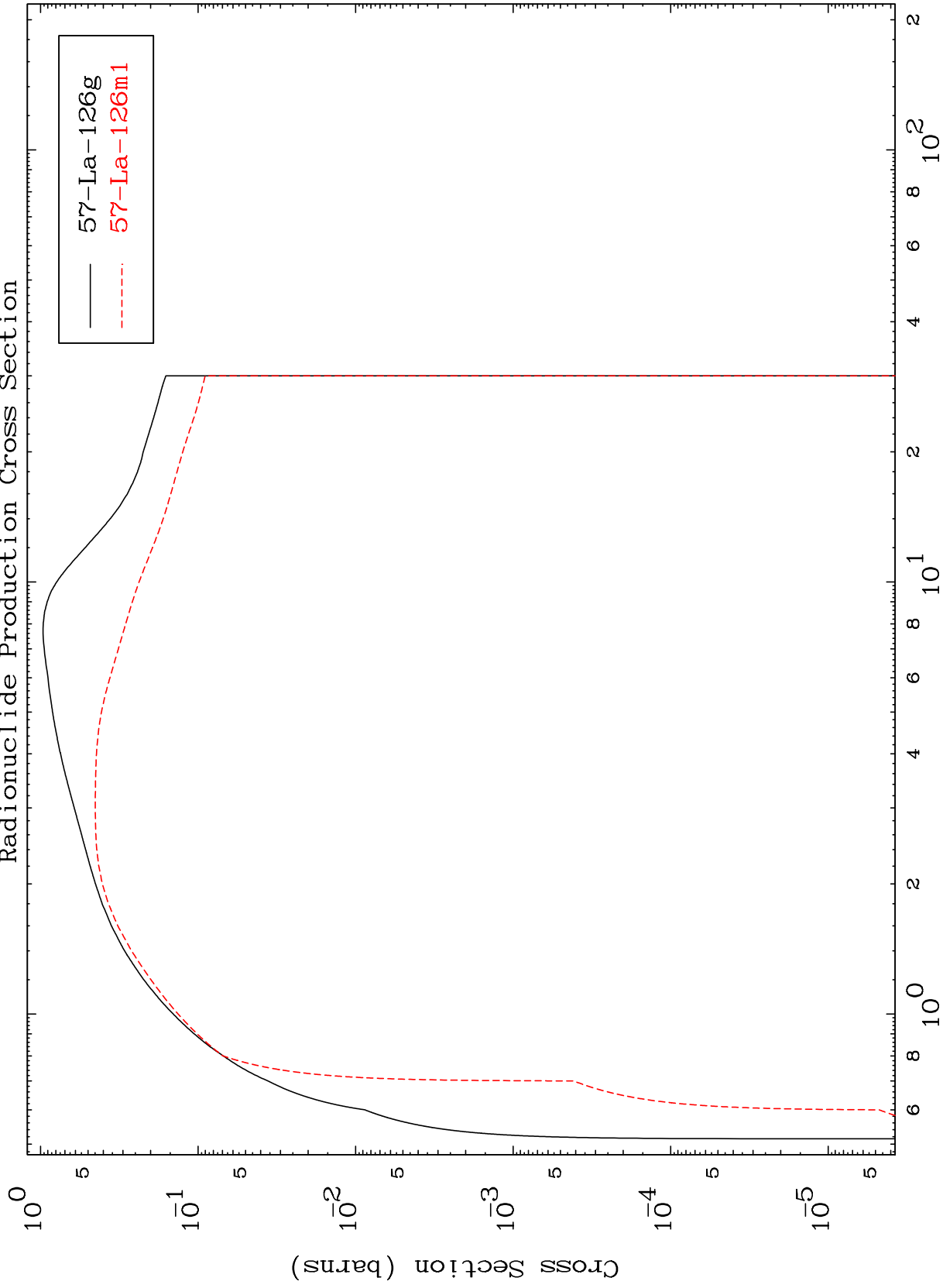
101

57-La-126

MAT 5689

57-La-126

Inelastic
Radionuclide Production Cross Section



102

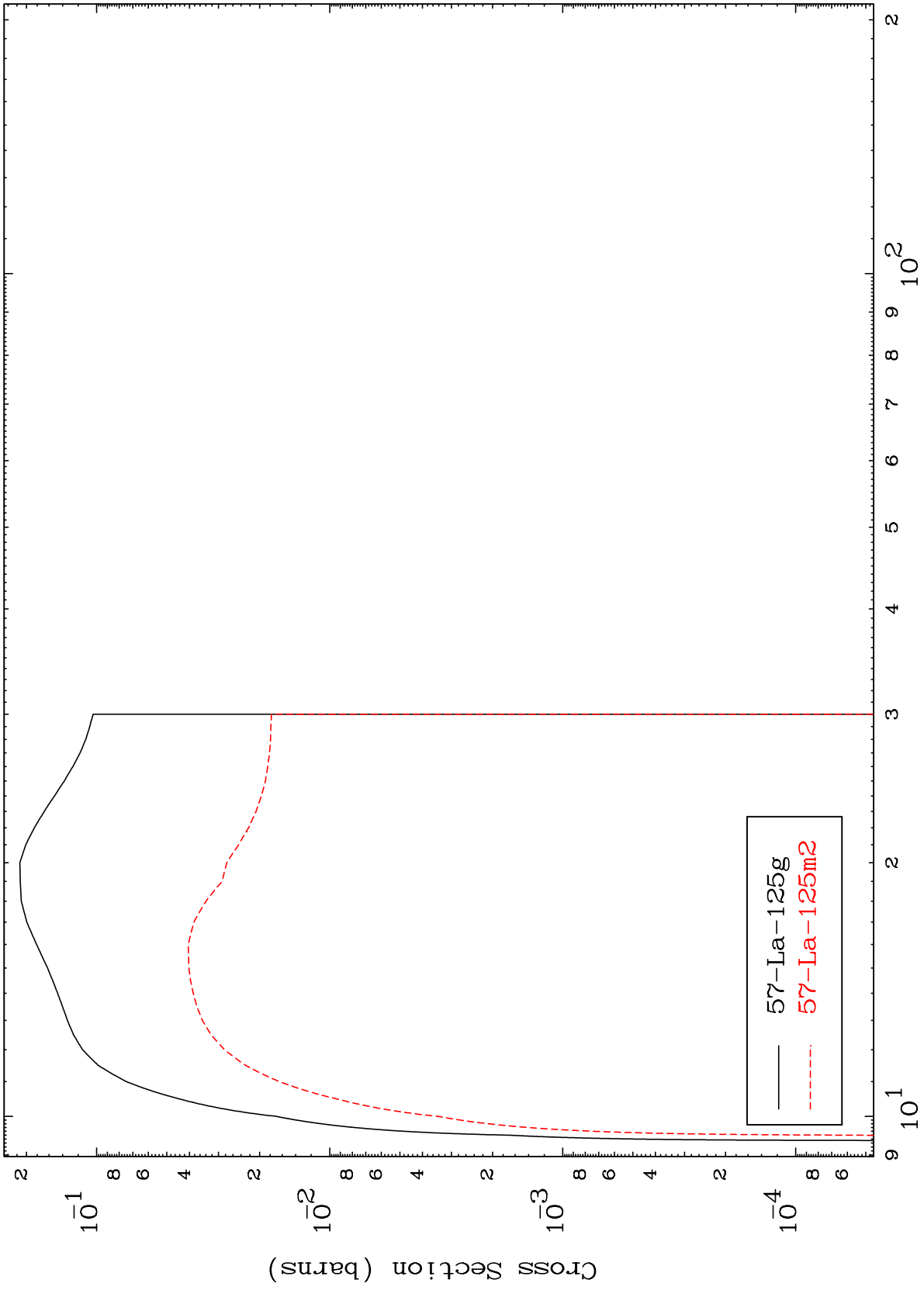
Incident Energy (MeV)

57-La-126

MAT 5689

57-La-126

(n,2n)
Radionuclide Production Cross Section



103

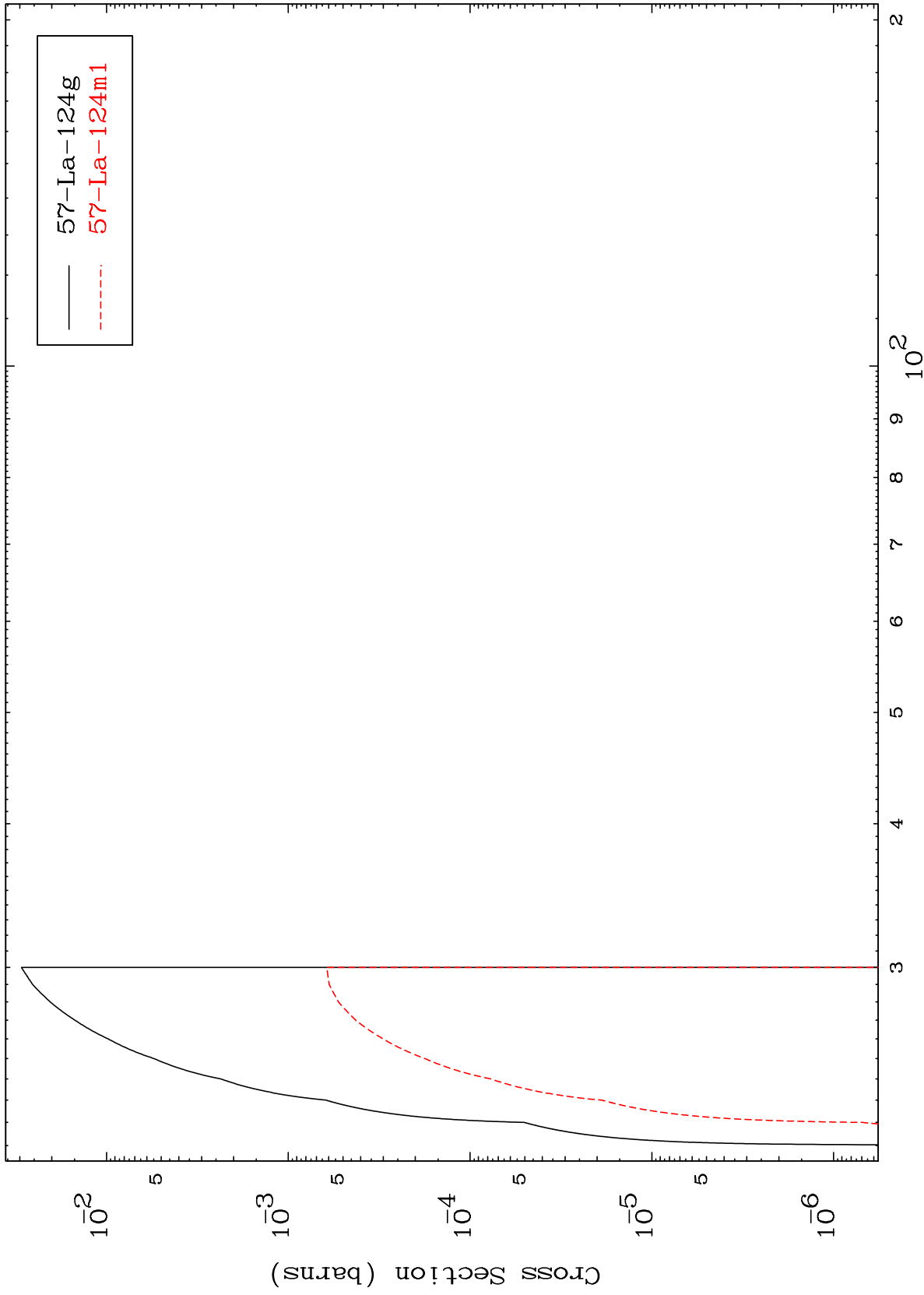
Incident Energy (MeV)

57-La-126

MAT 5689

57-La-126

(n,3n)
Radionuclide Production Cross Section



104

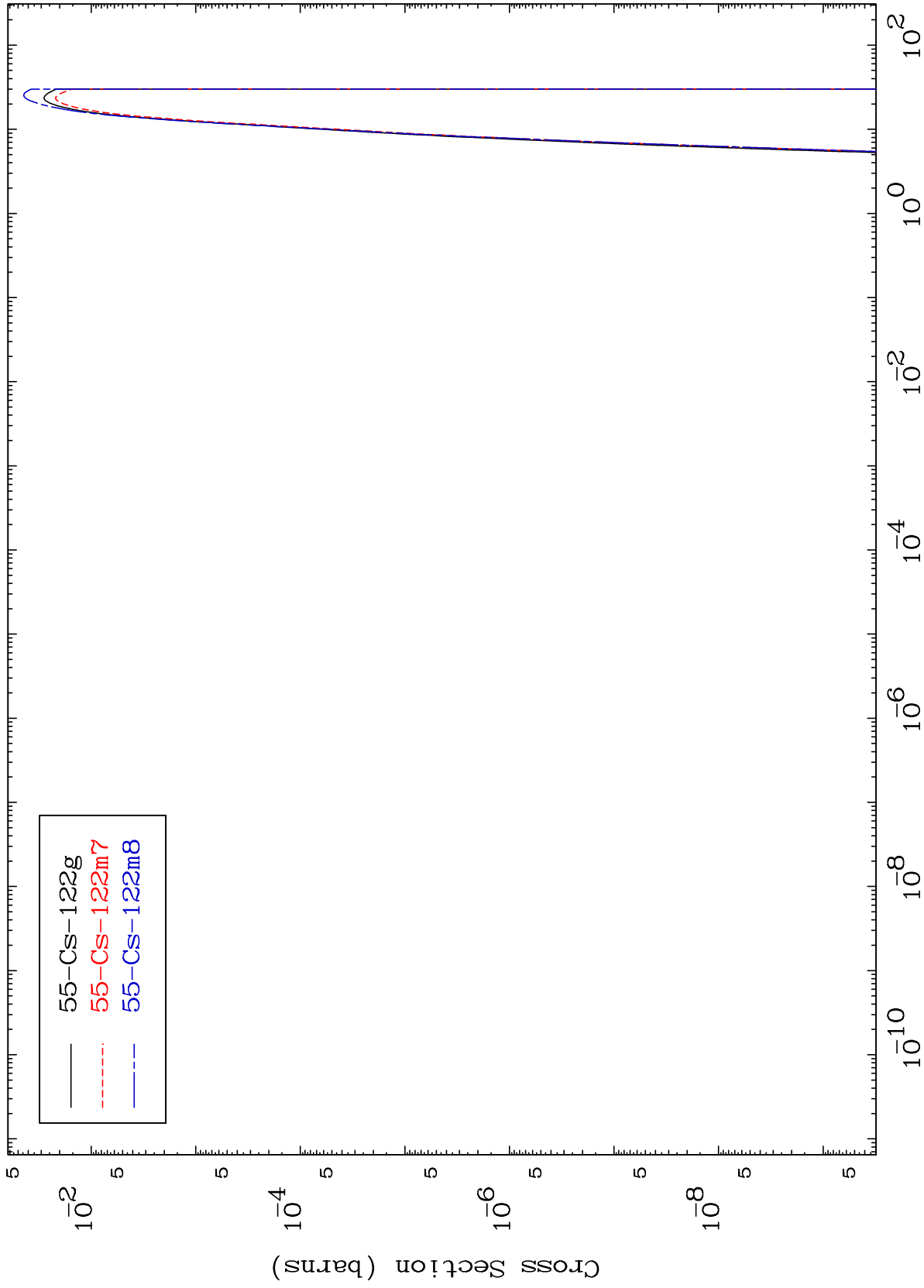
57-La-126

MAT 5689

(n, n') α

57-La-126

Radionuclide Production Cross Section



105

Incident Energy (MeV)

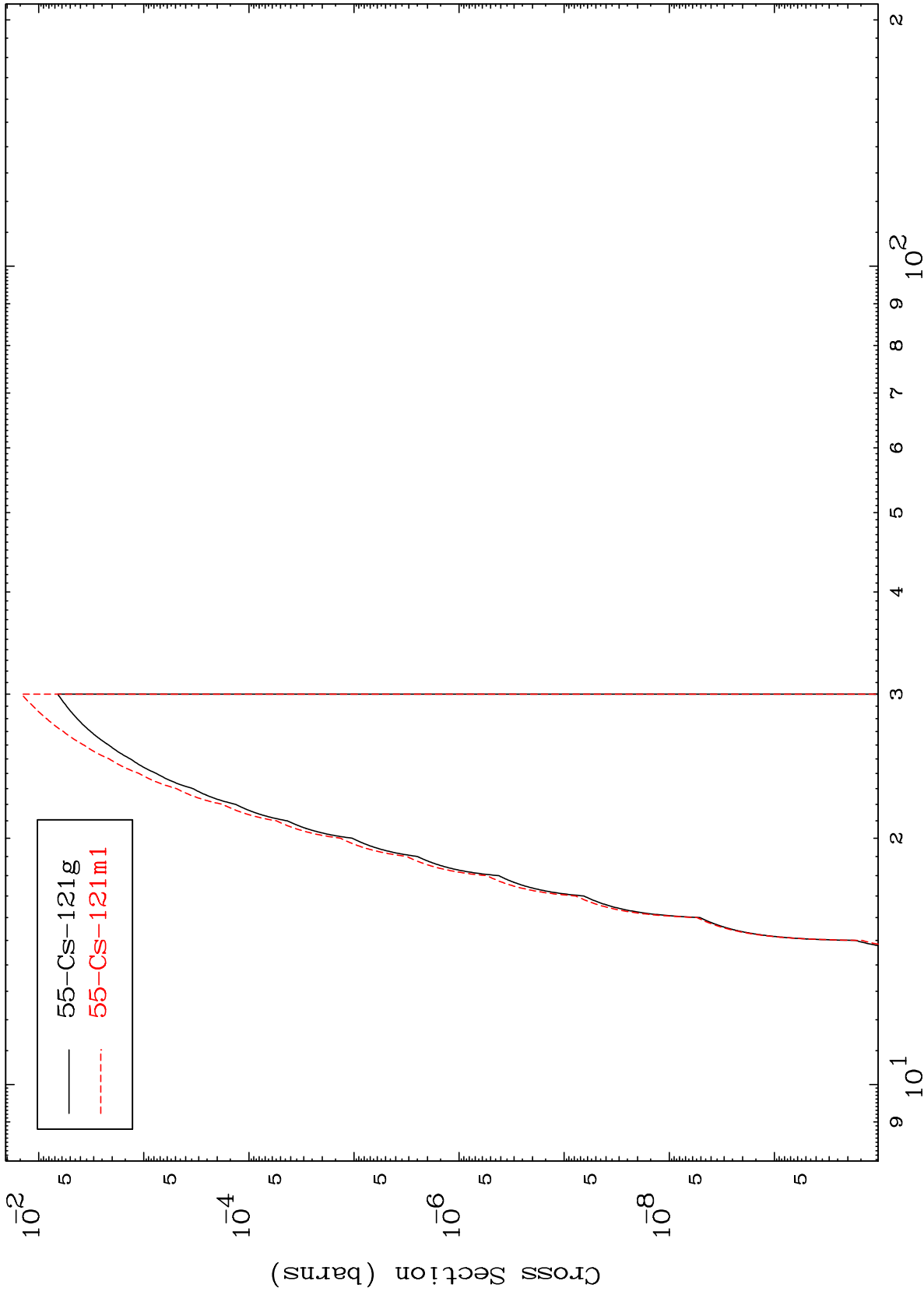
57-La-126

MAT 5689

(n,2n) α

57-La-126

Radionuclide Production Cross Section



55-Cs-121g
55-Cs-121m1

106

Incident Energy (MeV)

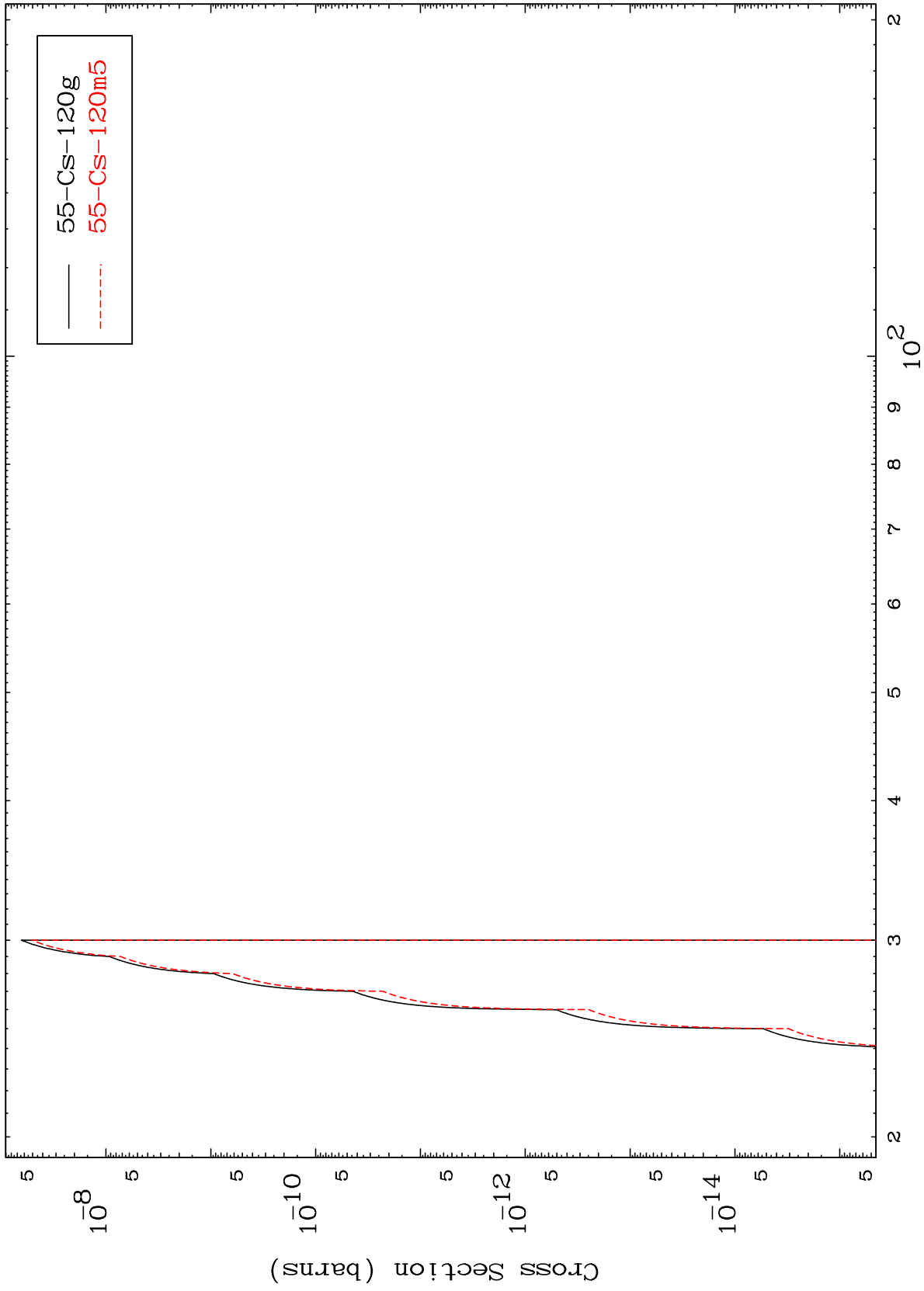
57-La-126

MAT 5689

(n,3n) α

57-La-126

Radionuclide Production Cross Section



107

Incident Energy (MeV)

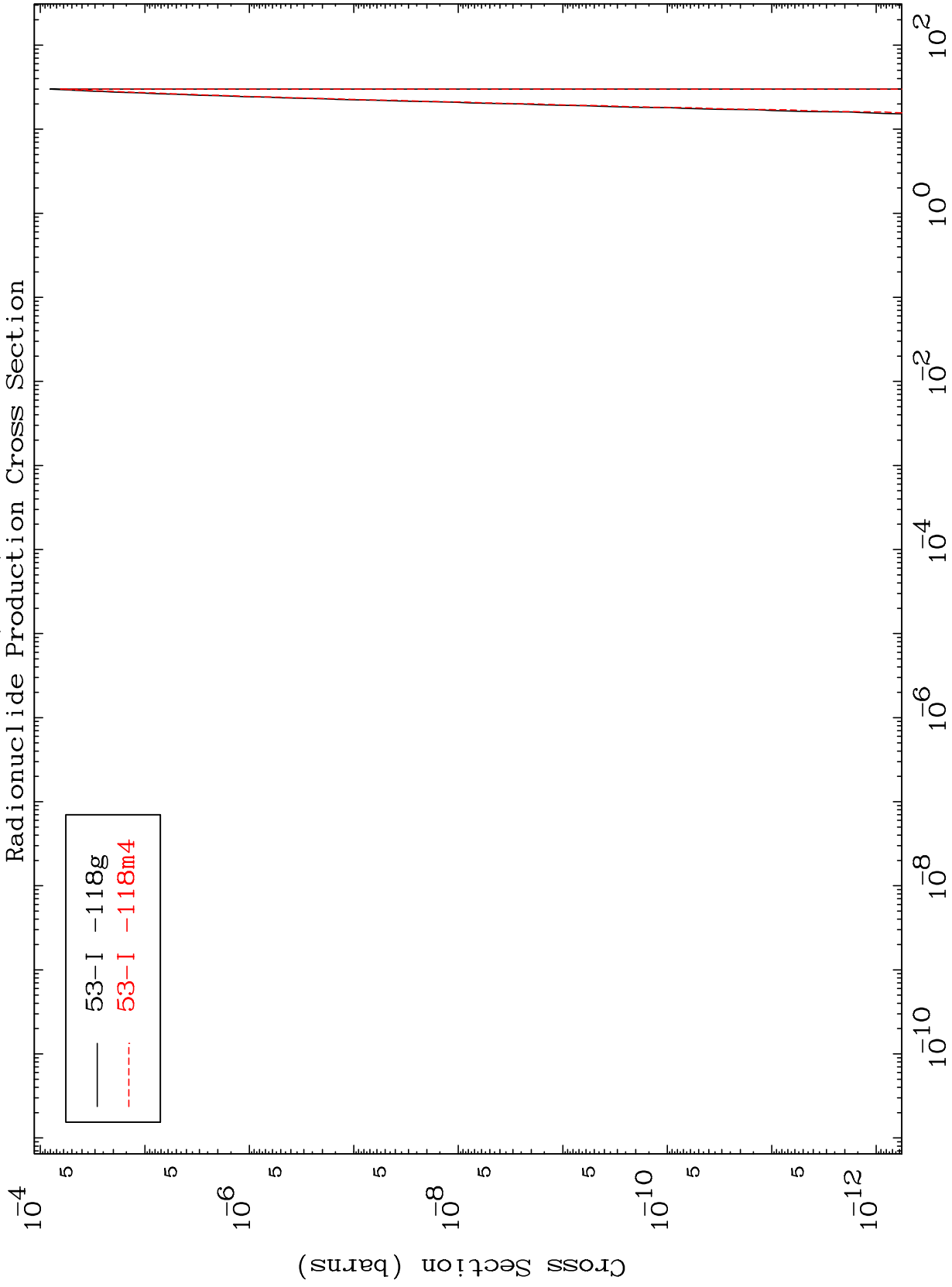
57-La-126

MAT 5689

(n,n') 2 α

57-La-126

Radionuclide Production Cross Section



108

Incident Energy (MeV)

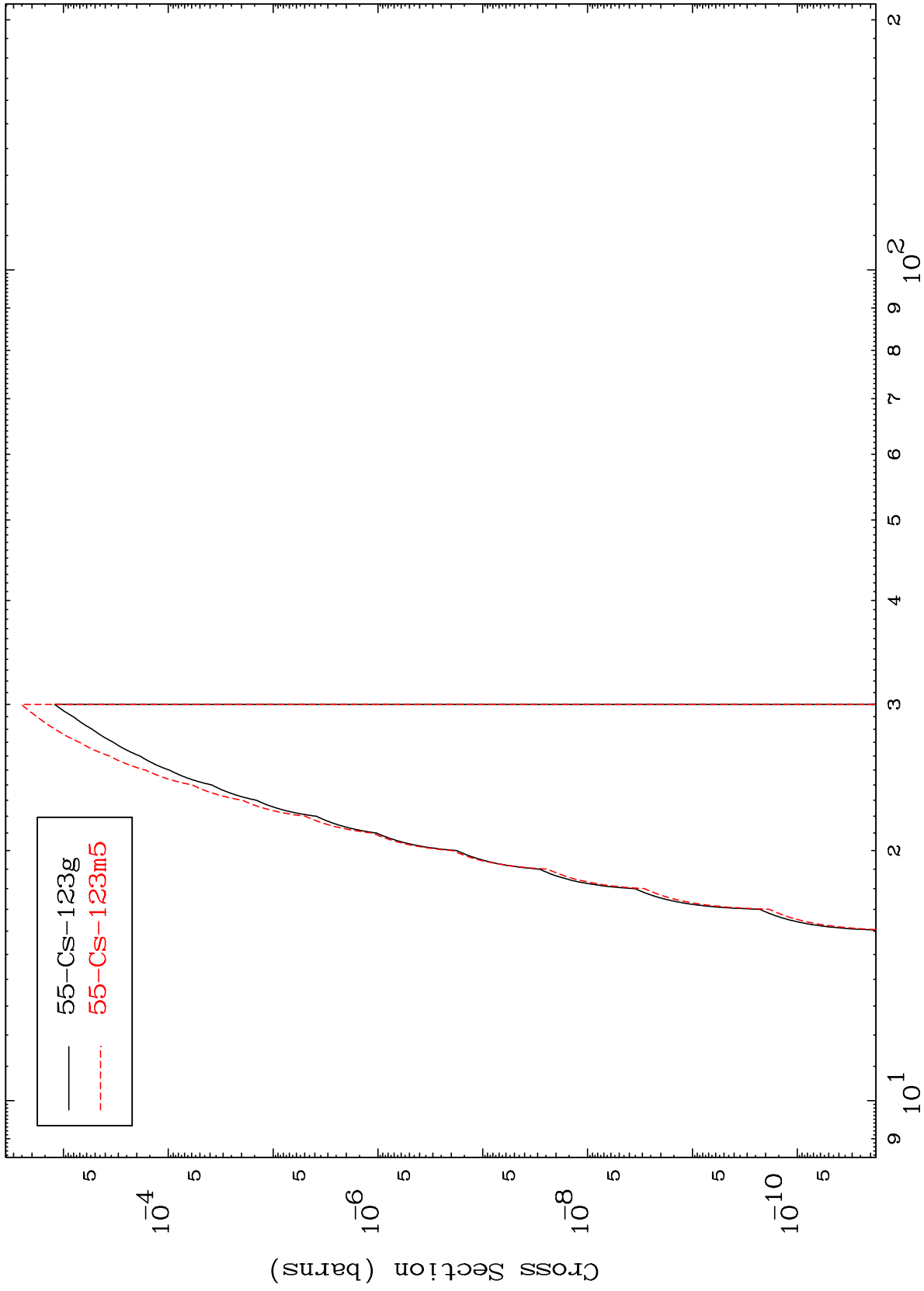
57-La-126

MAT 5689

(n, n') He-3

57-La-126

Radionuclide Production Cross Section



109

Incident Energy (MeV)

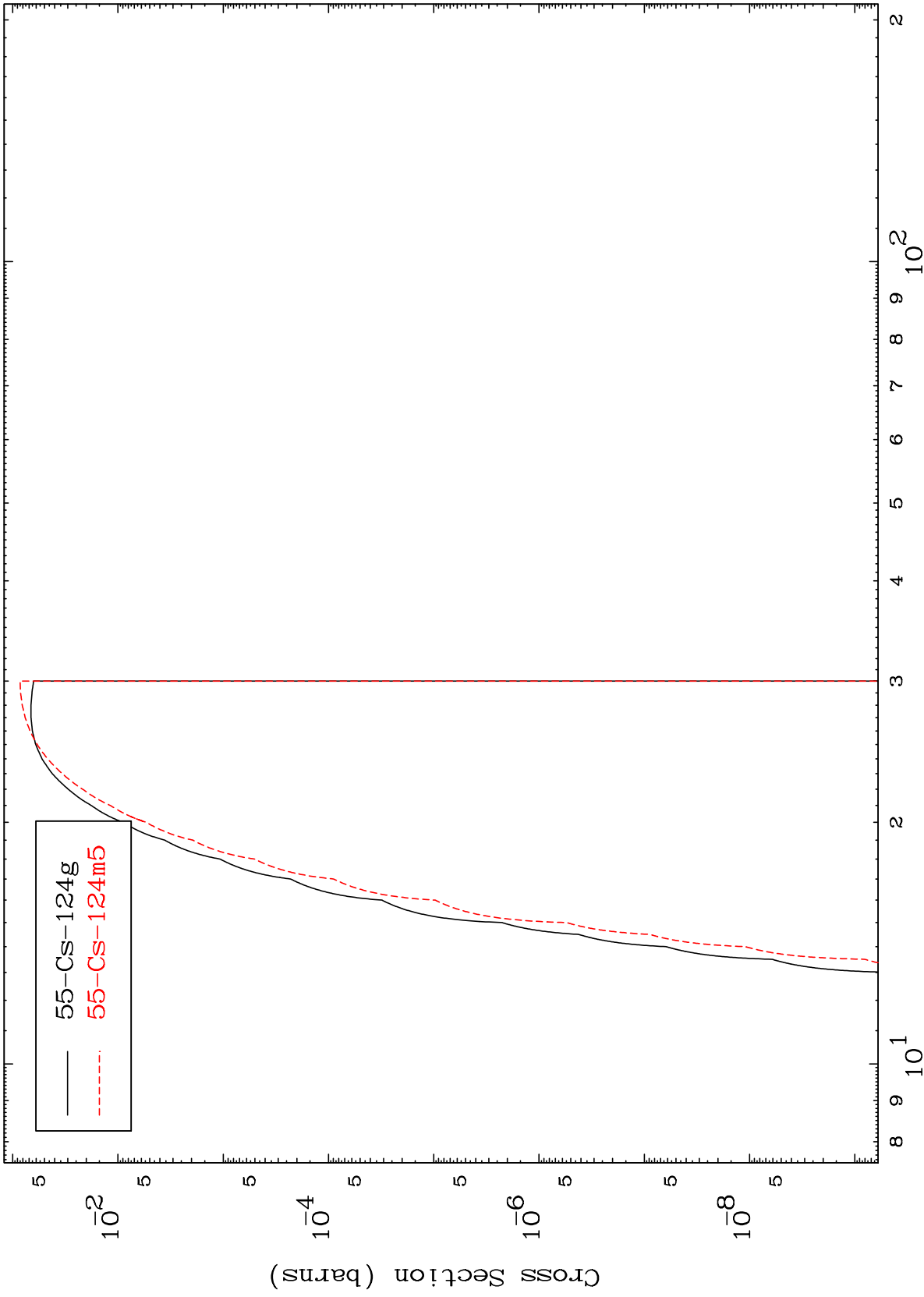
57-La-126

MAT 5689

(n,2n) p

57-La-126

Radionuclide Production Cross Section



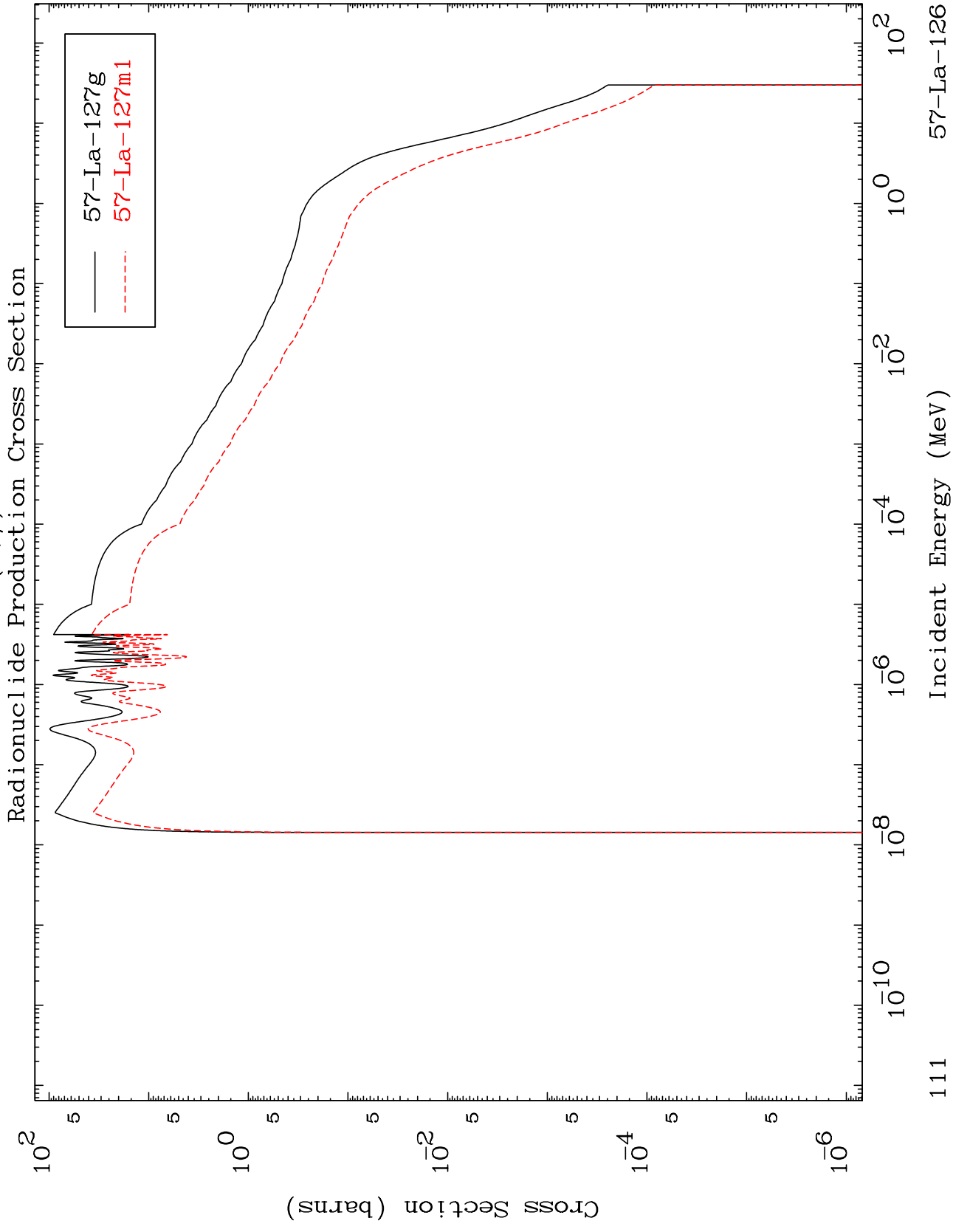
110

Incident Energy (MeV)

57-La-126

MAT 5689

57-La-126



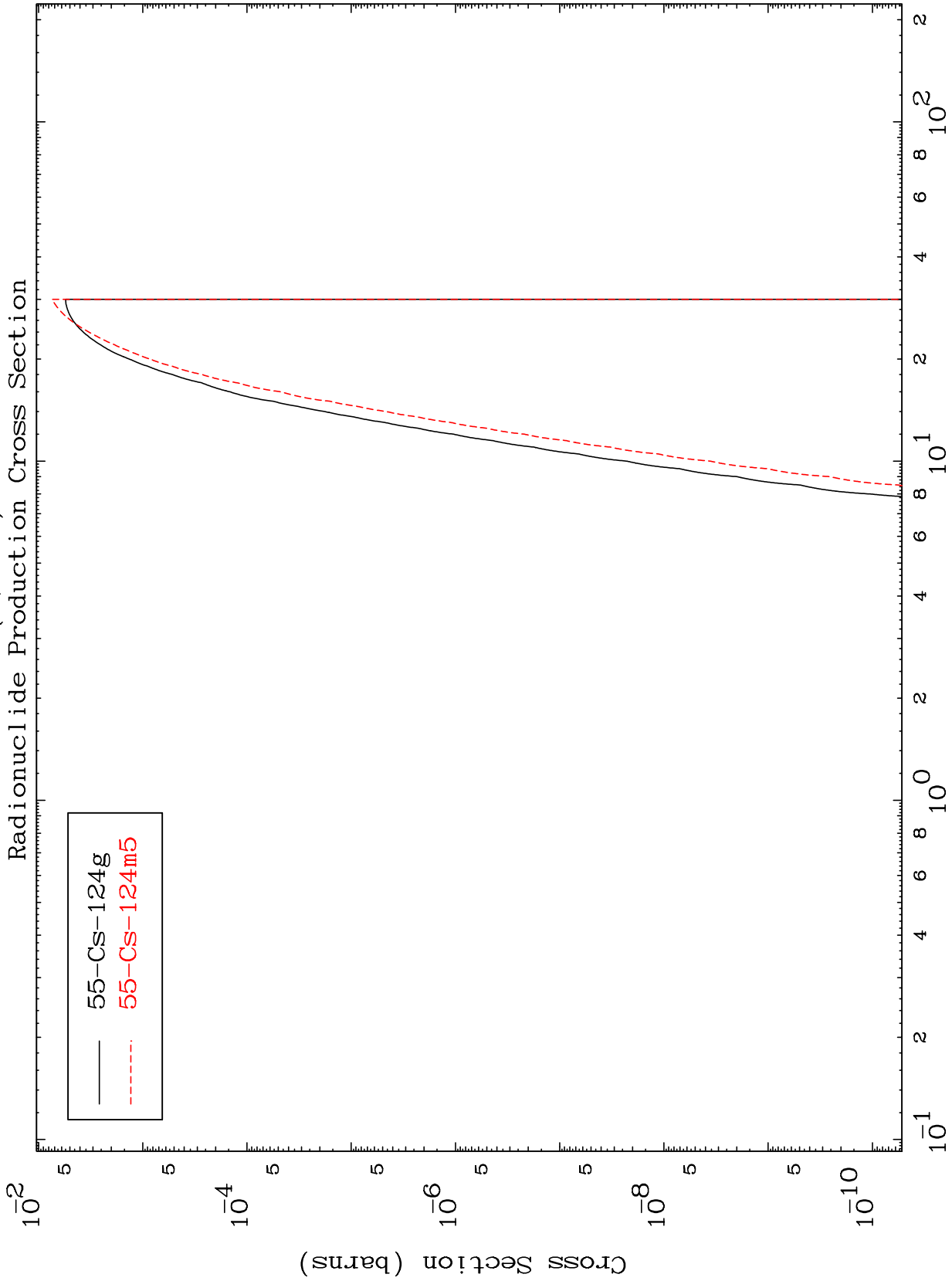
111

MAT 5689

(n, He-3)

57-La-126

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m5

112

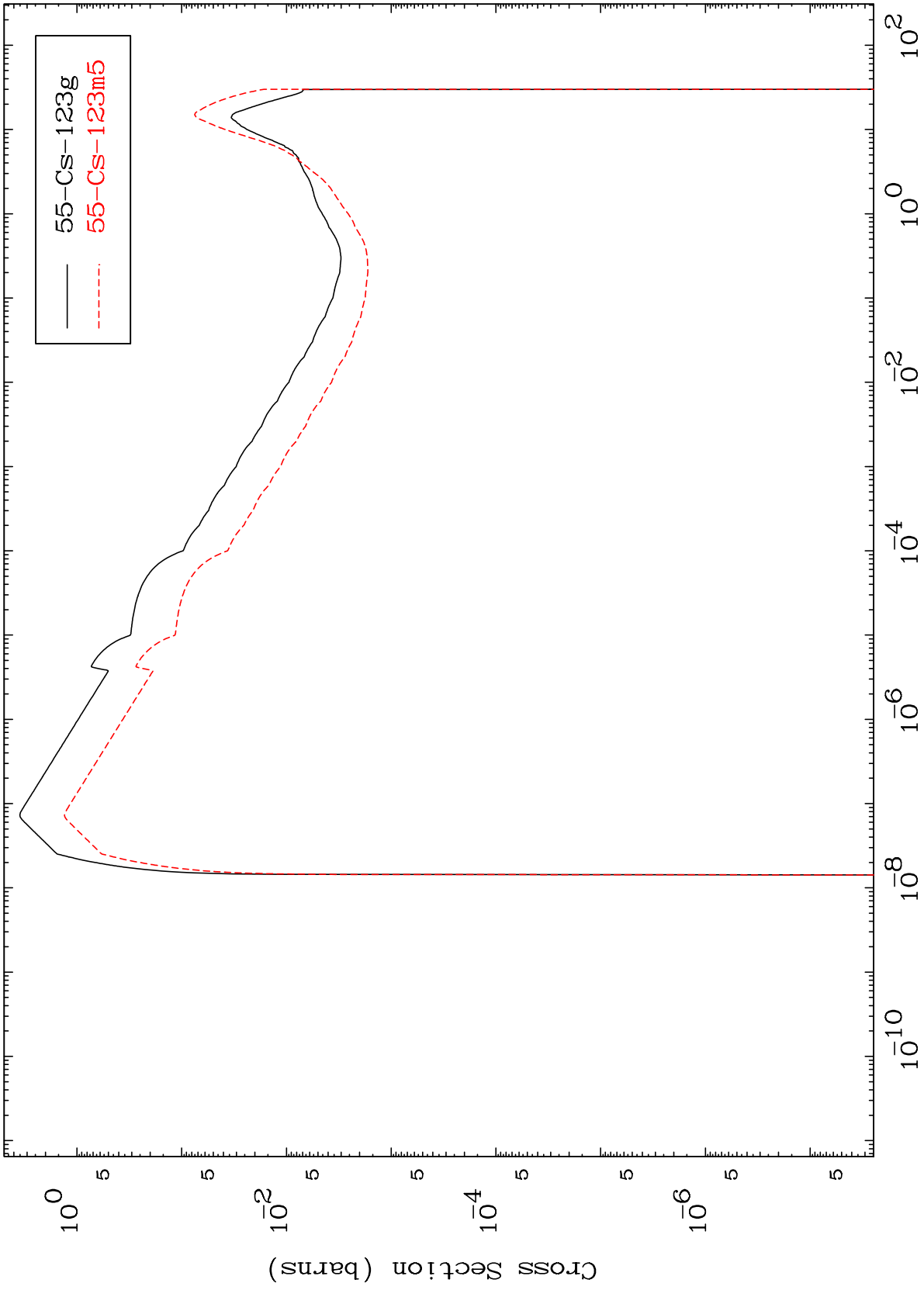
Incident Energy (MeV)

57-La-126

MAT 5689

57-La-126

(n, α)
Radionuclide Production Cross Section



113

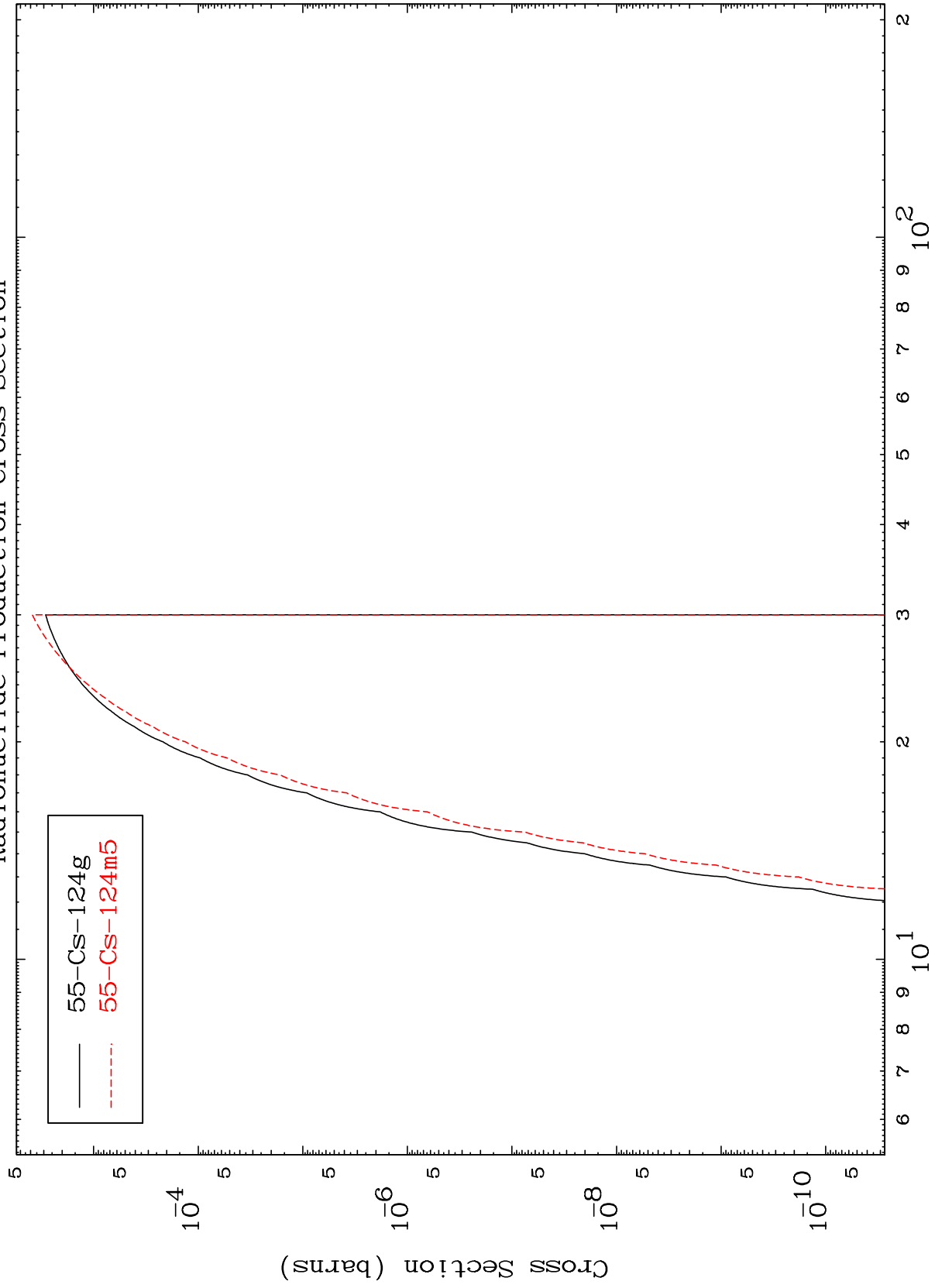
57-La-126

MAT 5689

(n,p) d

57-La-126

Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m5

114

Incident Energy (MeV)

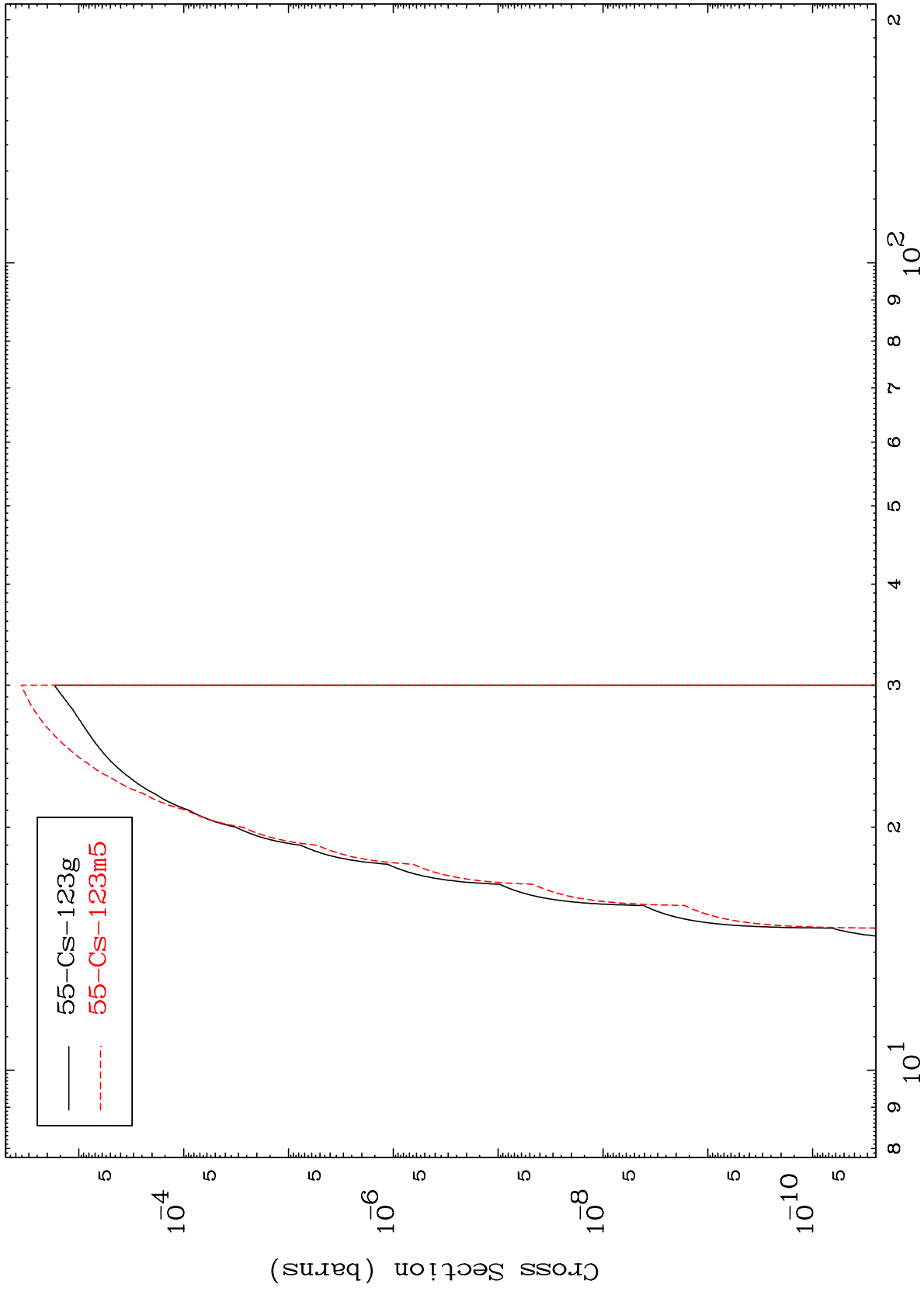
57-La-126

MAT 5689

(n,p) t

57-La-126

Radionuclide Production Cross Section



115

Incident Energy (MeV)

57-La-126