

Program EVALPLOT
(Version 2018-1)

by

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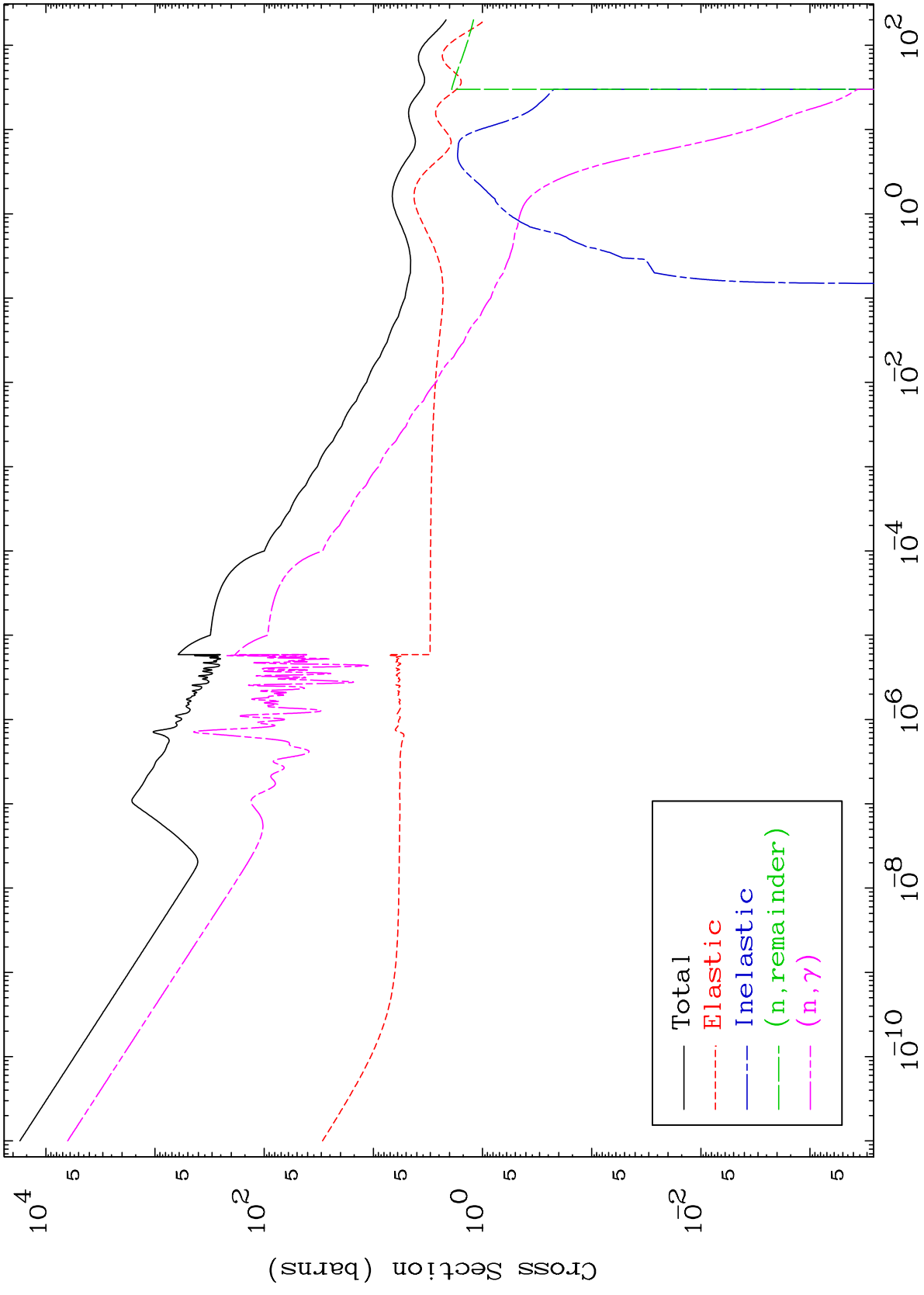
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5898

Major
293 Kelvin Cross Sections

59-Pr-132

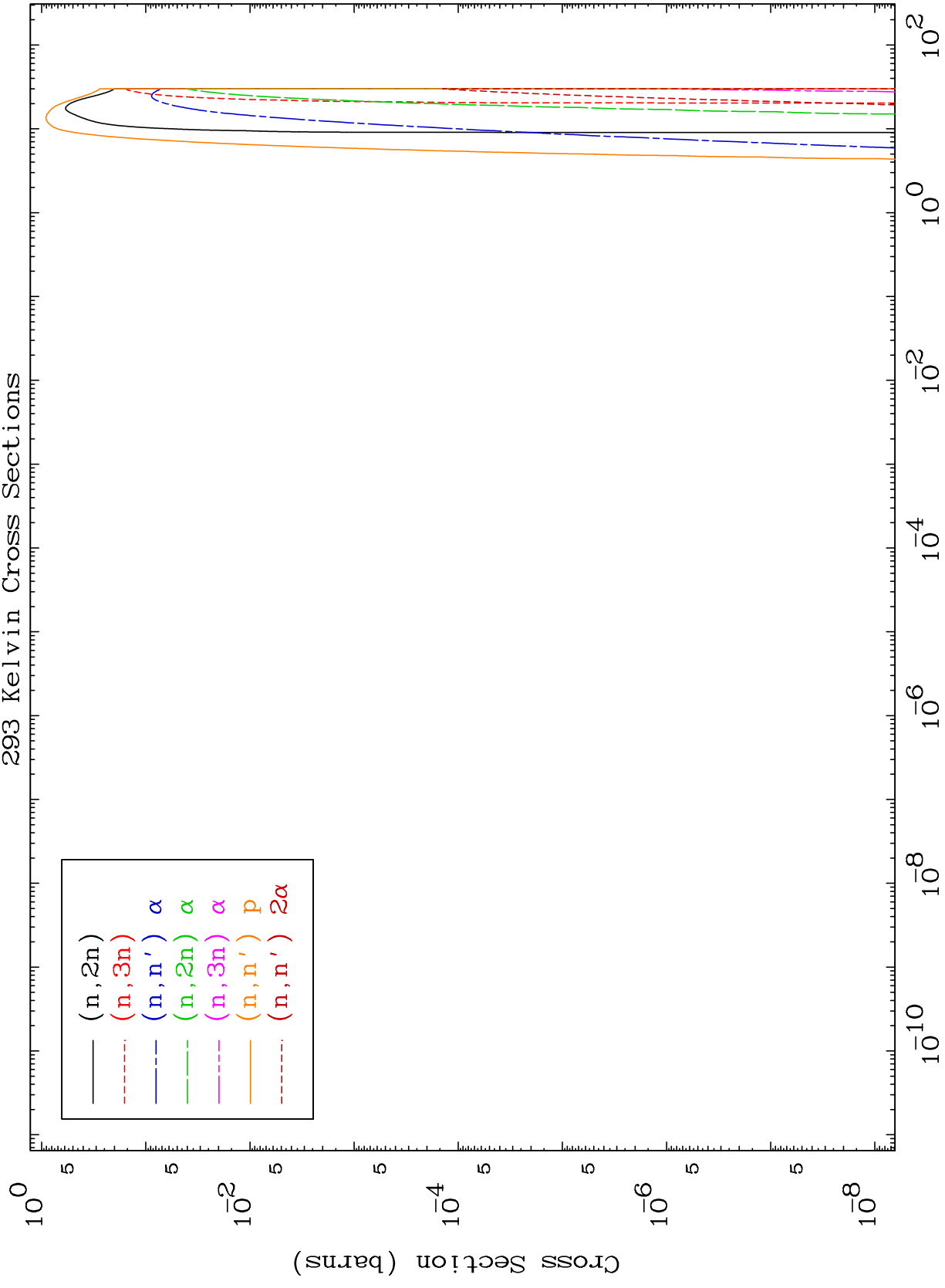


59-Pr-132

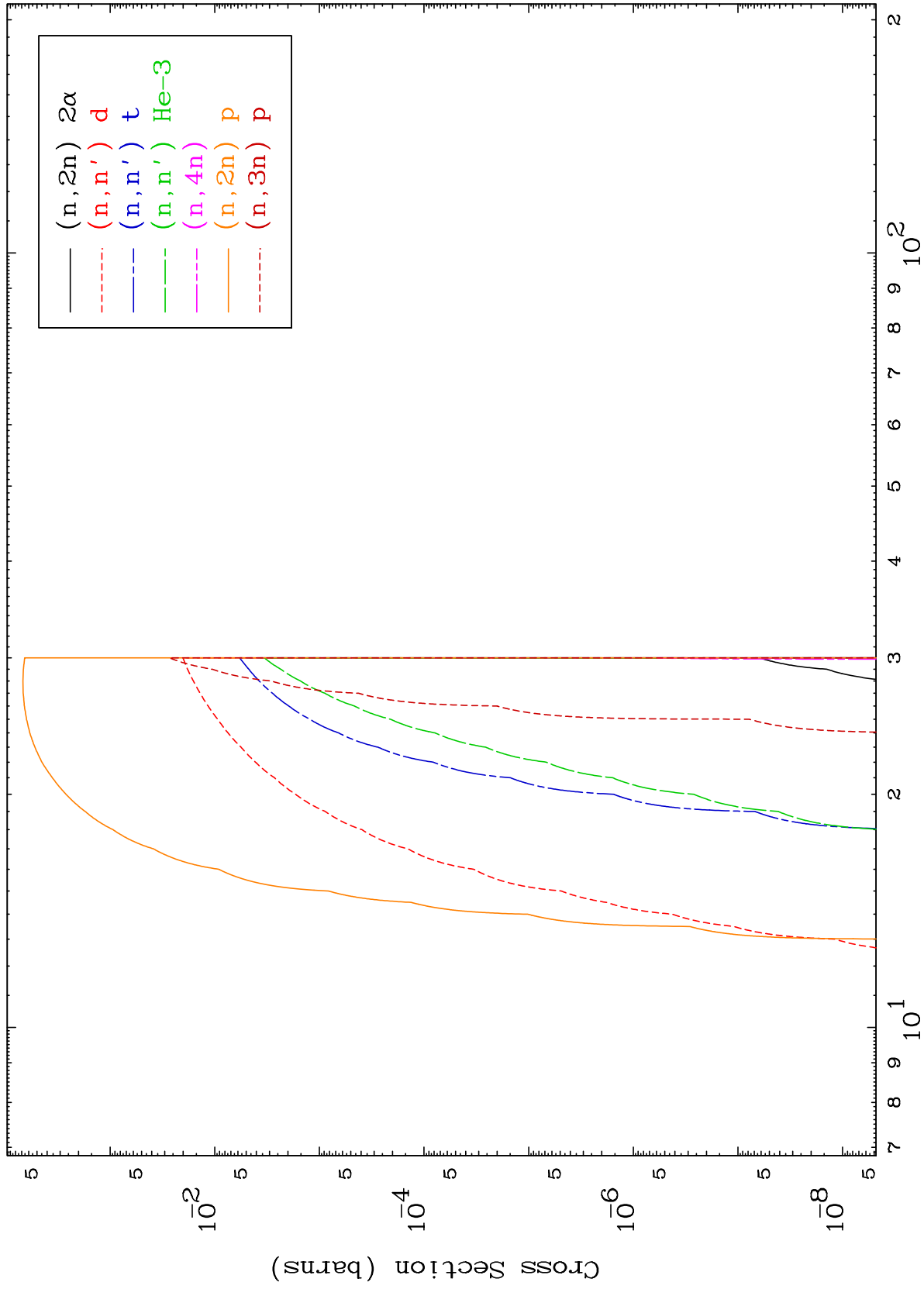
MAT 5898

Neutron Production
293 Kelvin Cross Sections

59-Pr-132



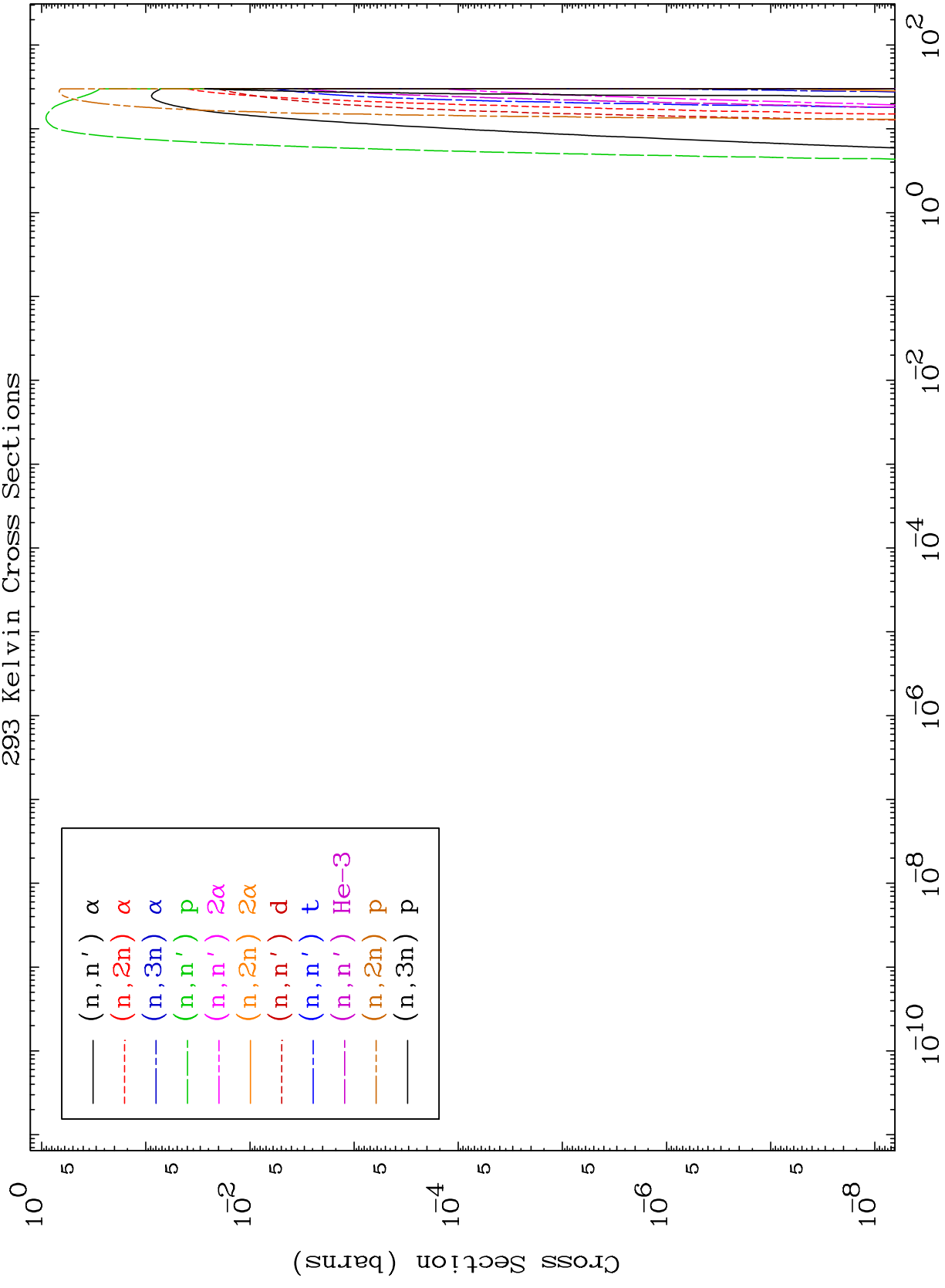
59-Pr-132



MAT 5898

Charged Particle
293 Kelvin Cross Sections

59-Pr-132

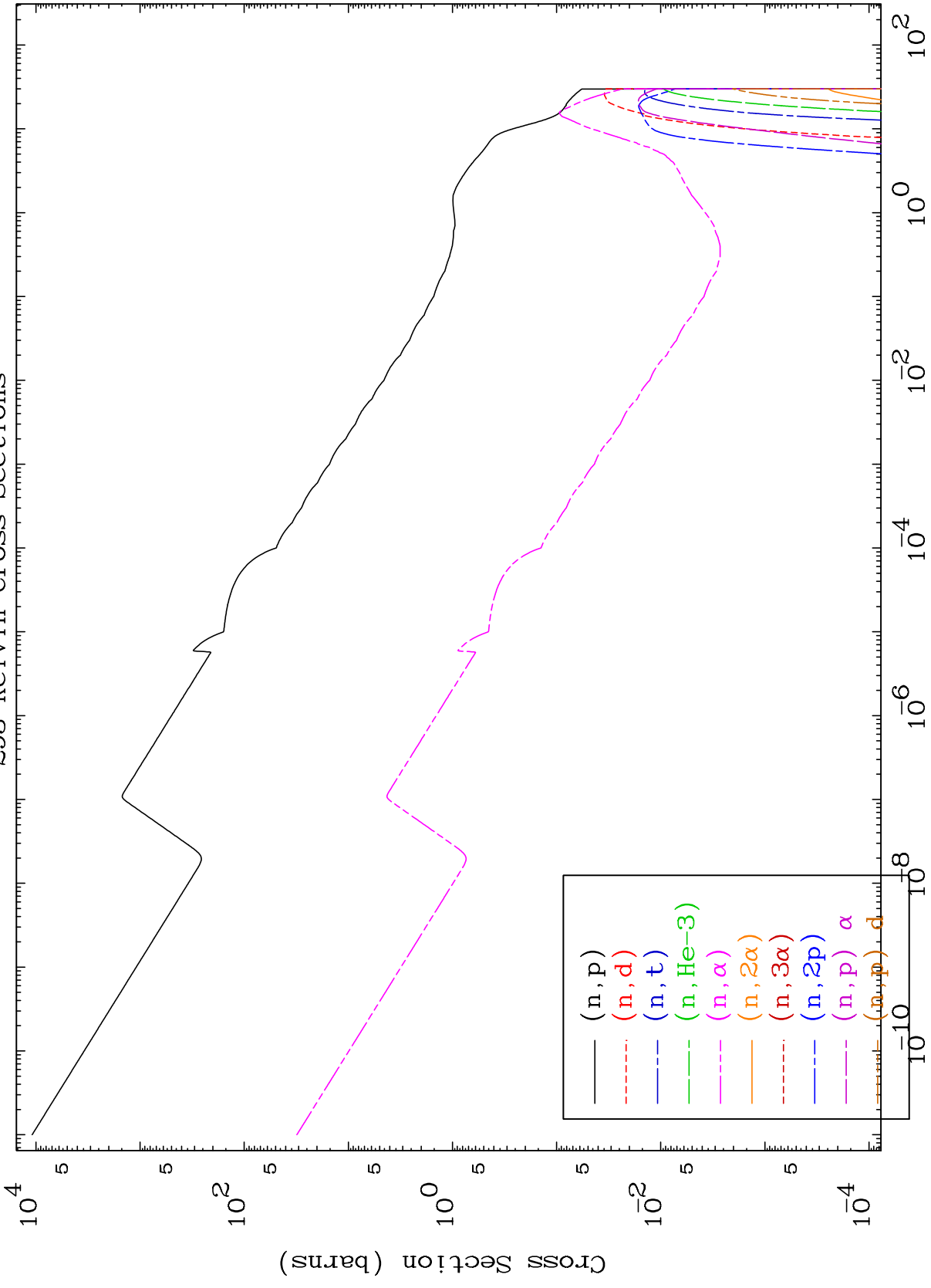


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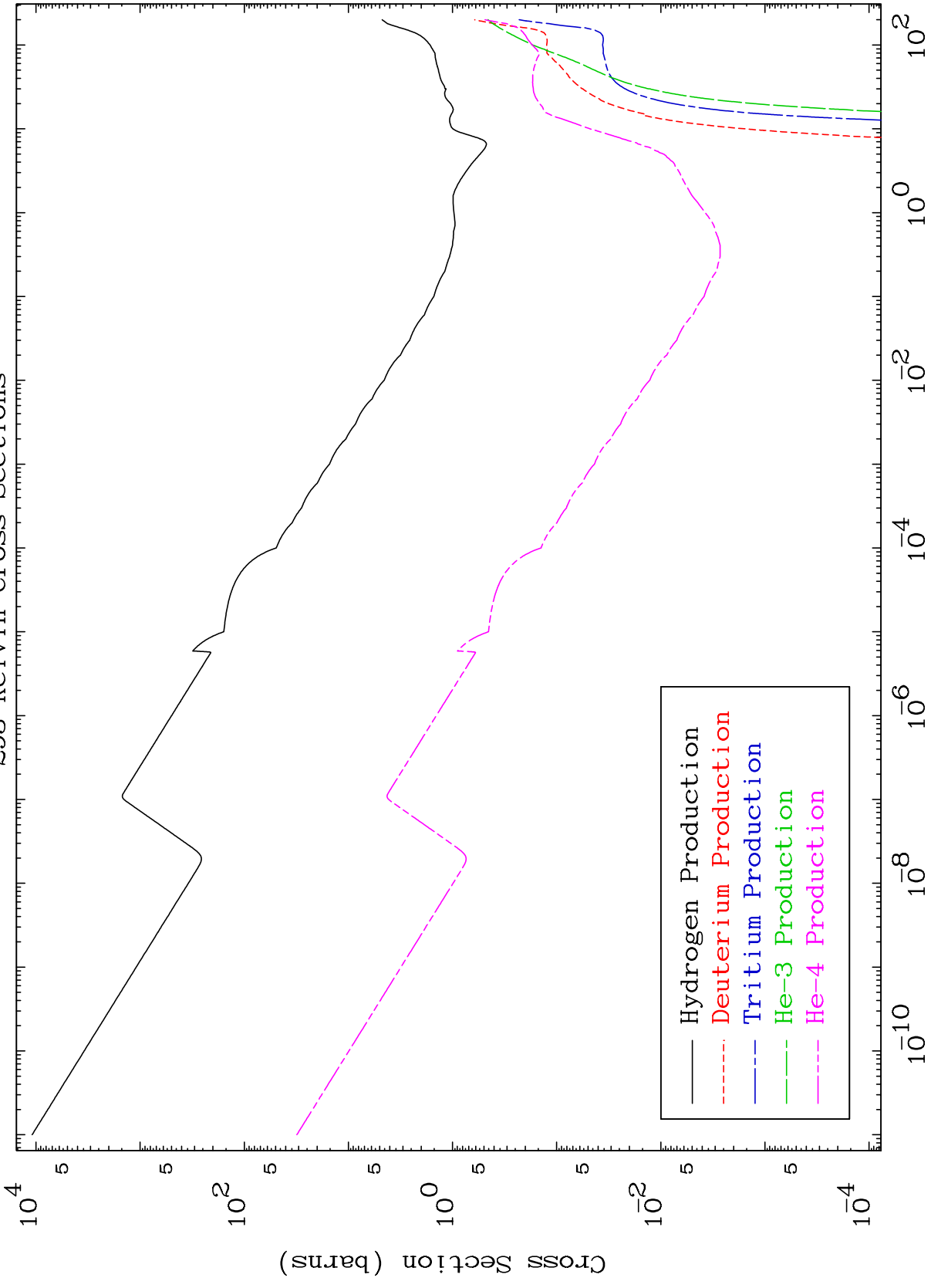
MAT 5898

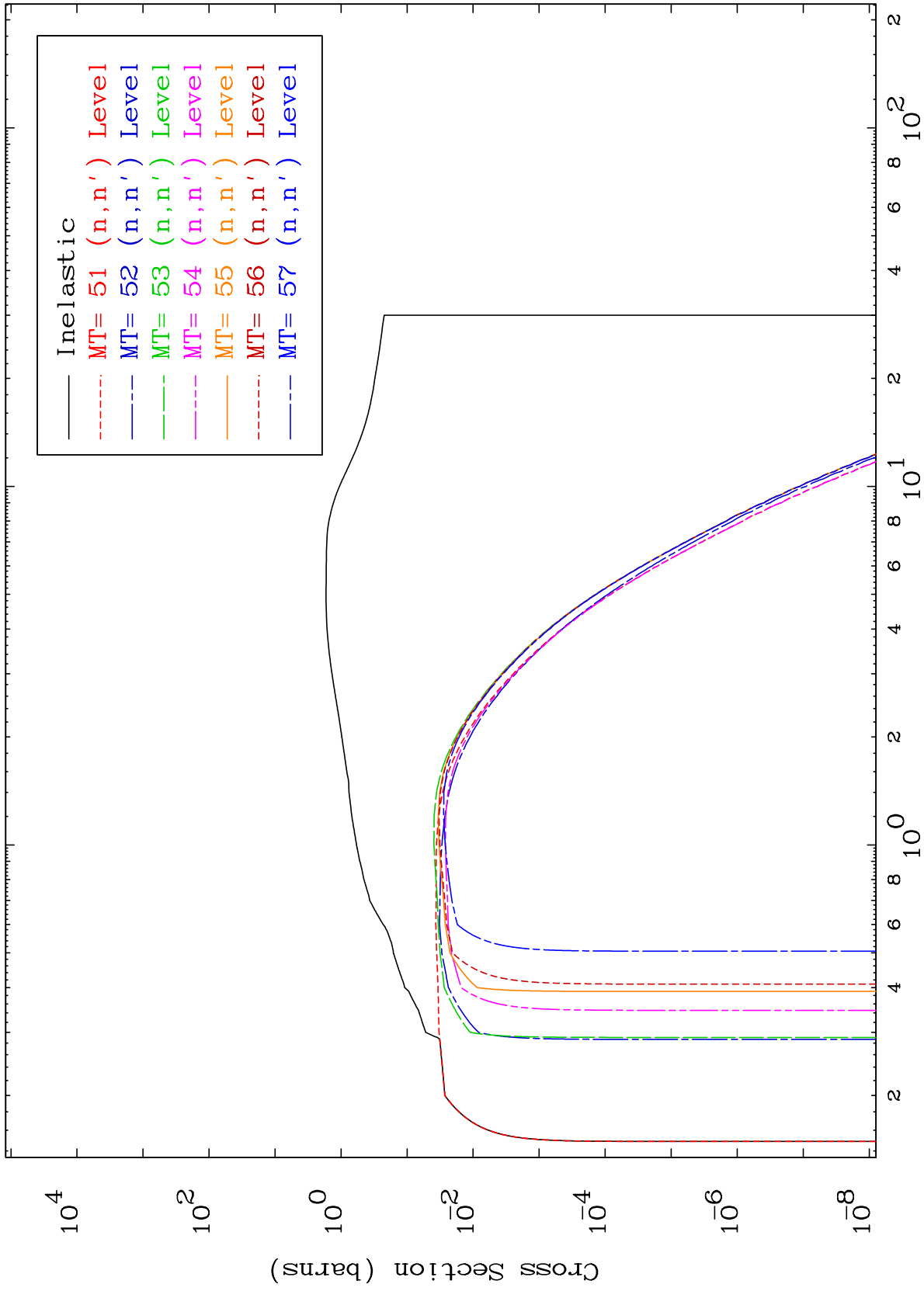
293 Kelvin Cross Sections

59-Pr-132



59-Pr-132



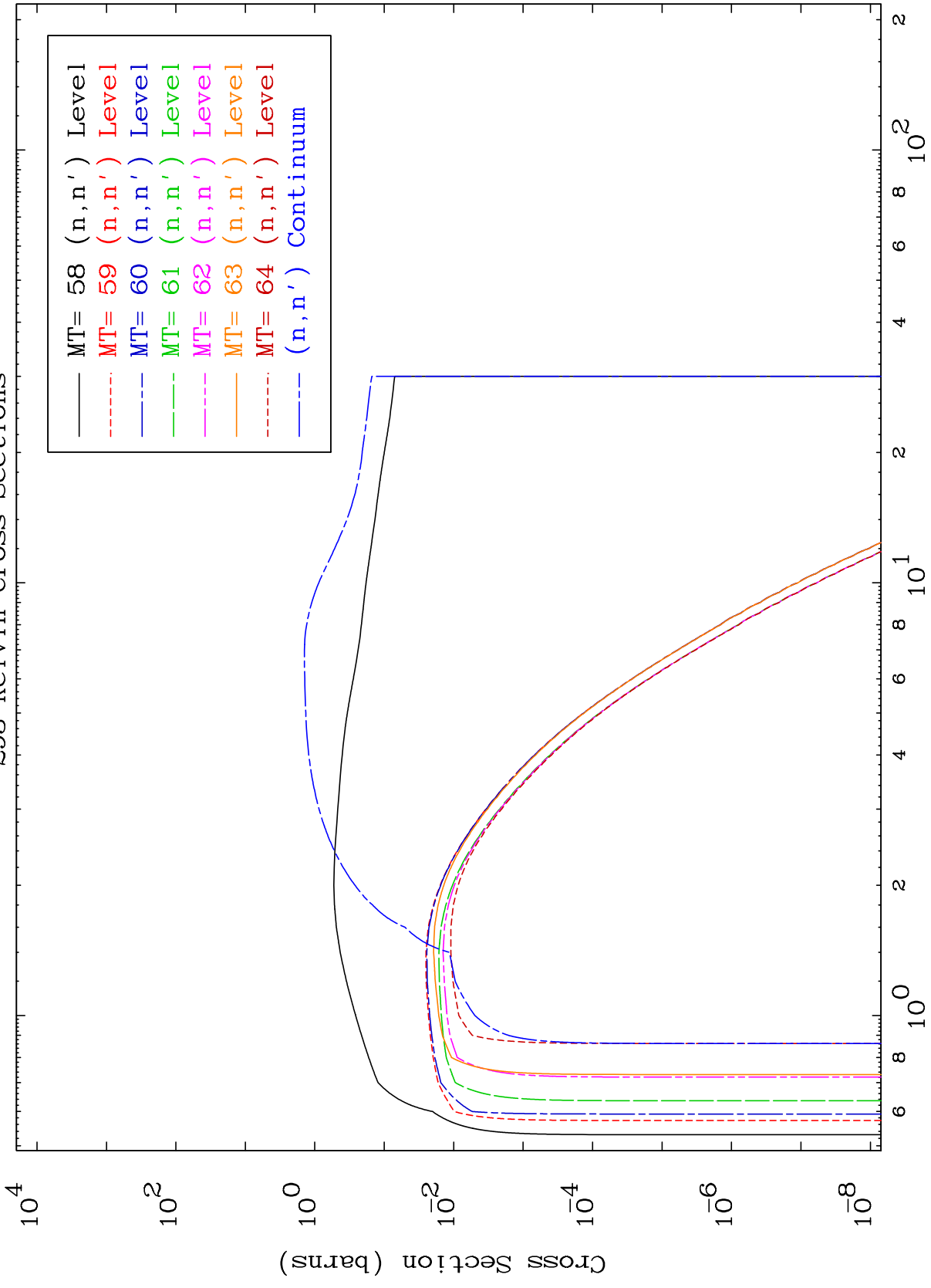


MAT 5898

(n,n') Level

59-Pr-132

293 Kelvin Cross Sections



8

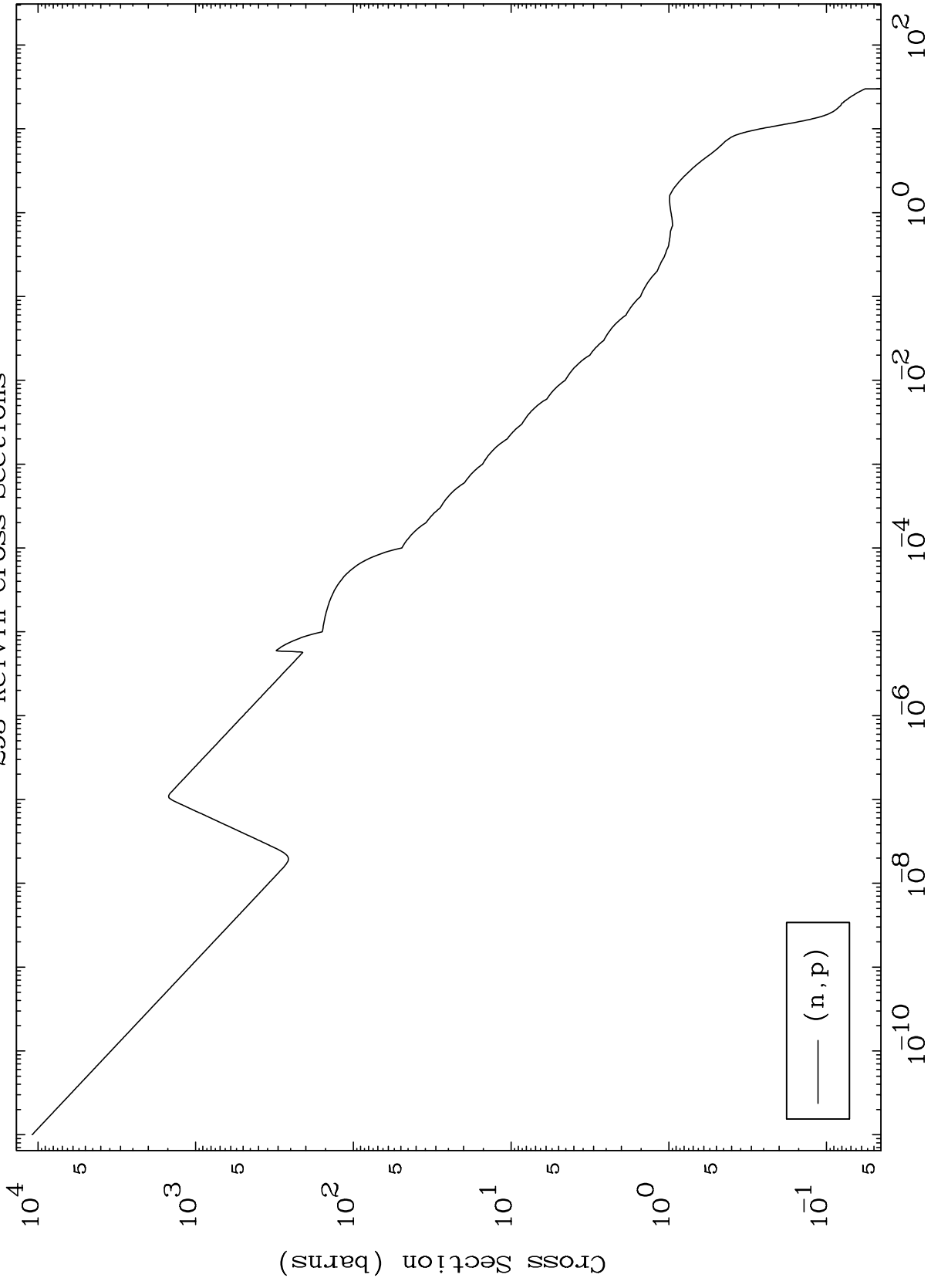
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-132

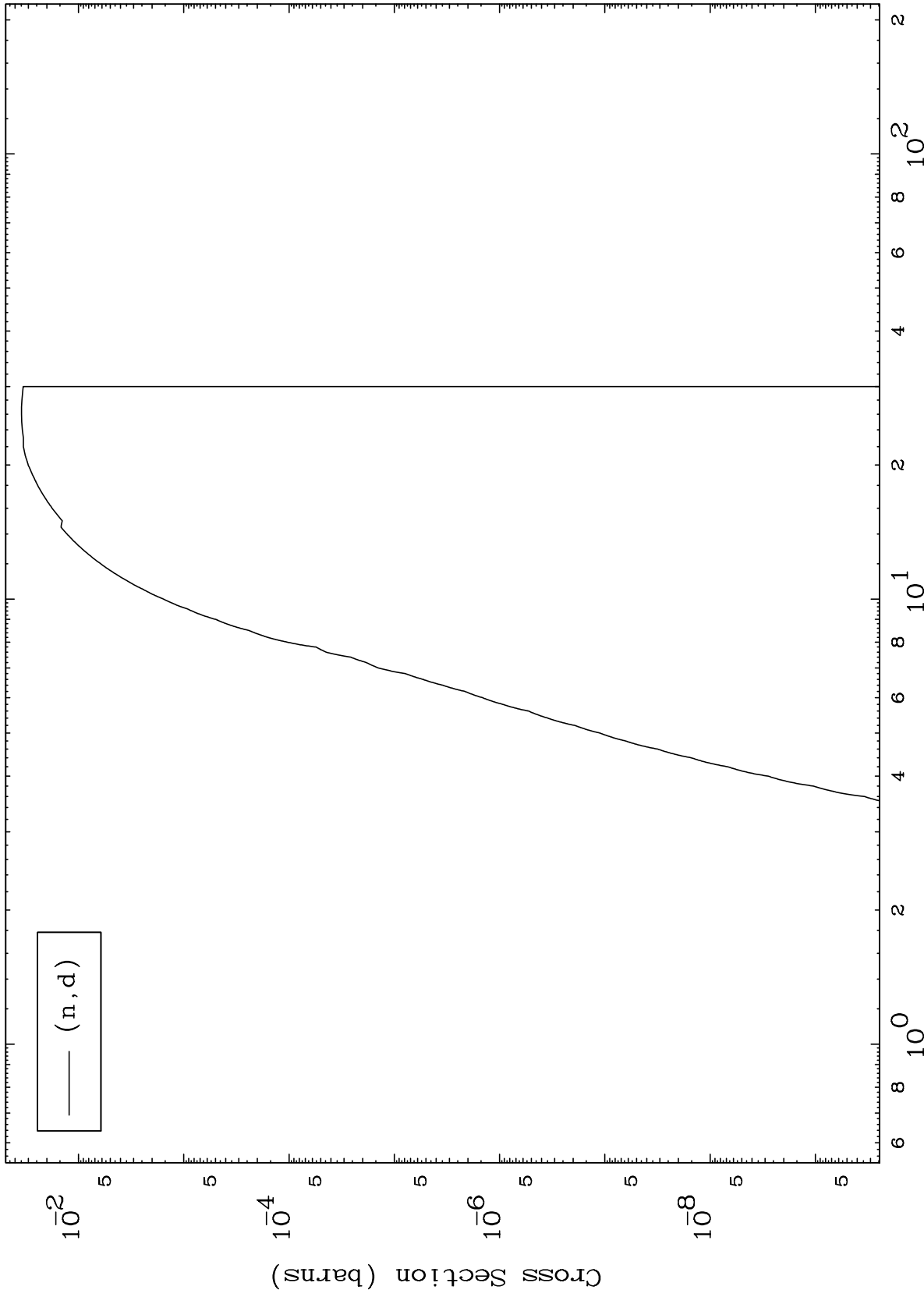


59-Pr-132

MAT 5898

(n,d) Levels
293 Kelvin Cross Sections

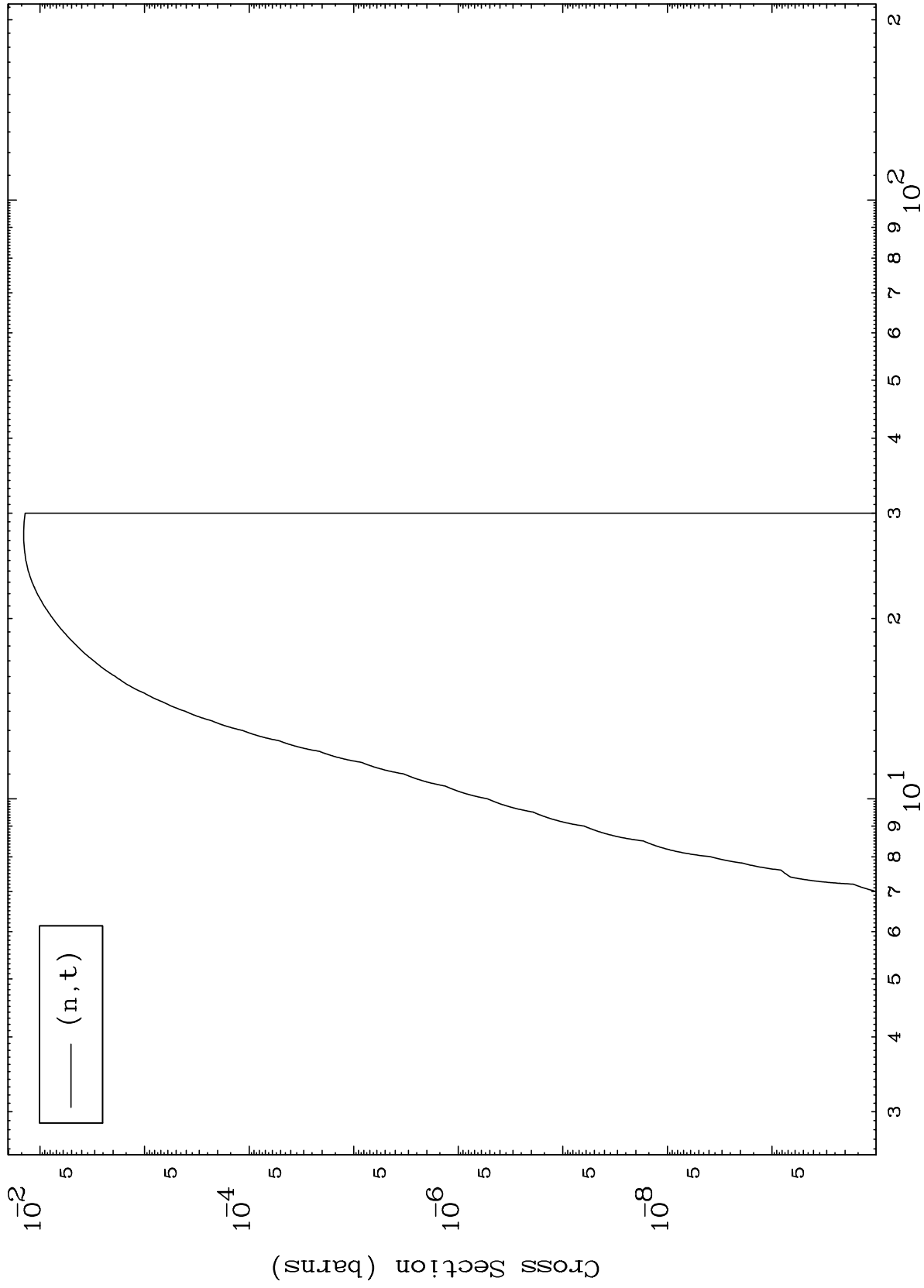
59-Pr-132



10

Incident Energy (MeV)

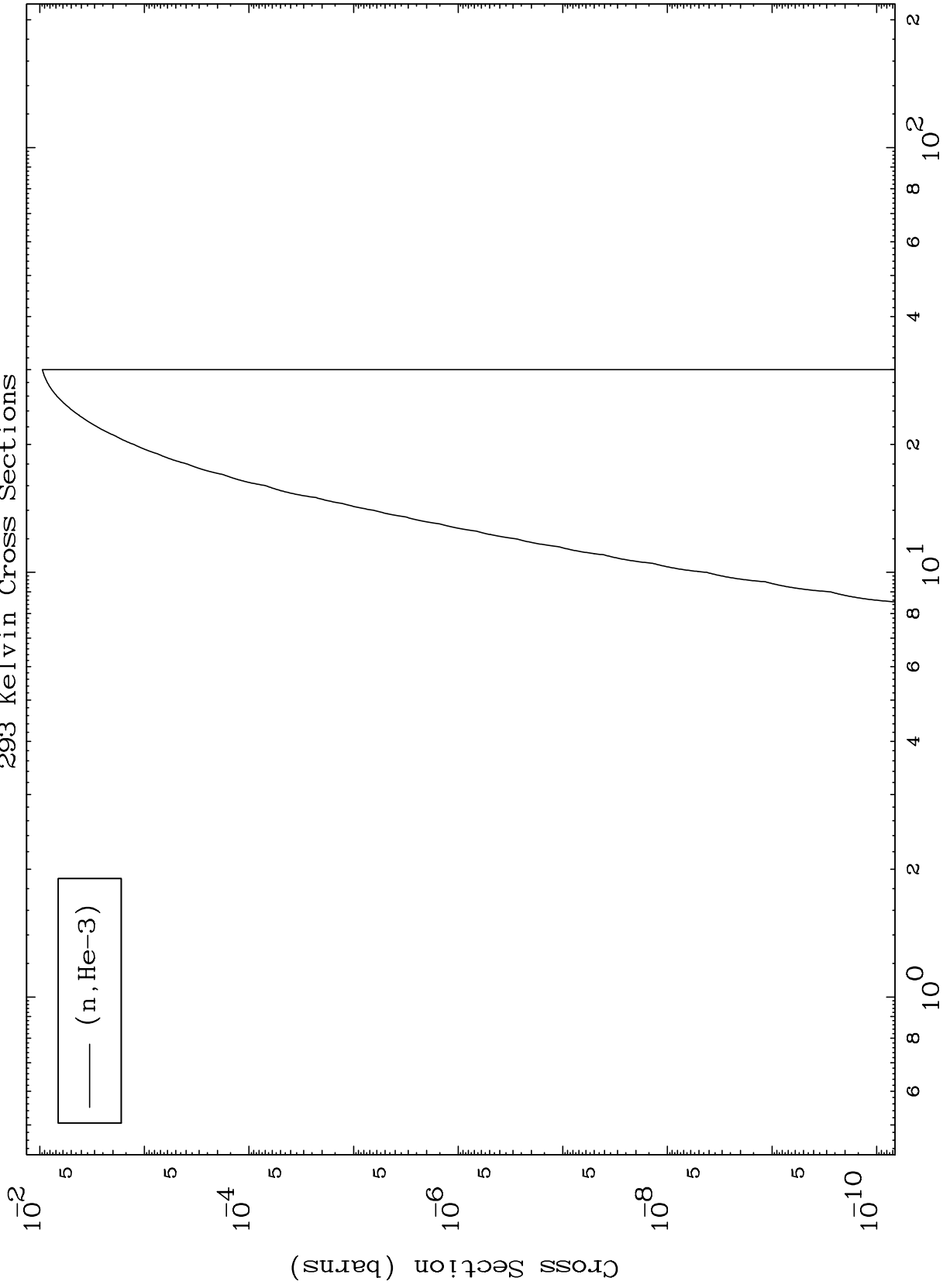
59-Pr-132



MAT 5898

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-132



12

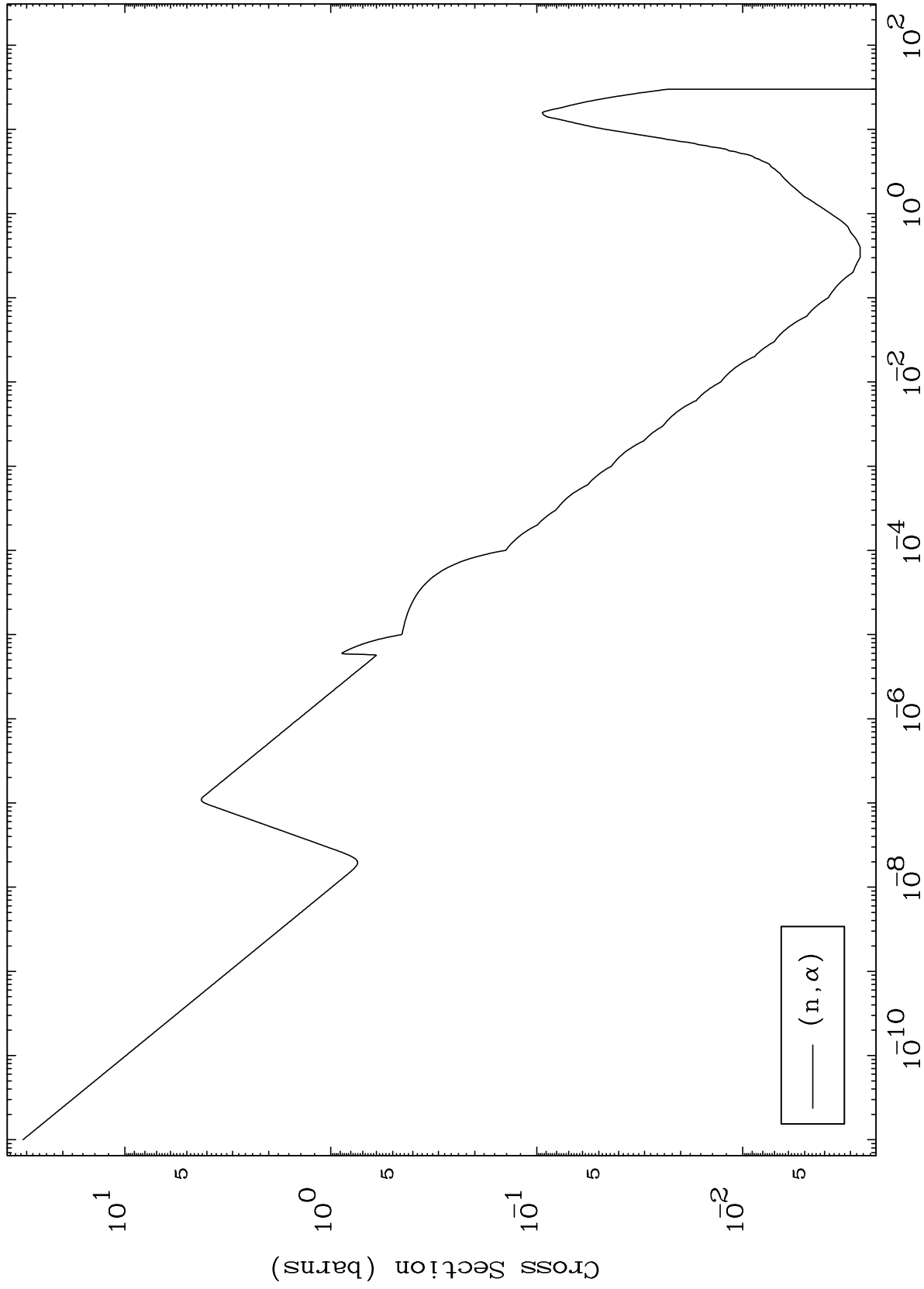
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n, α) Levels
293 Kelvin Cross Sections

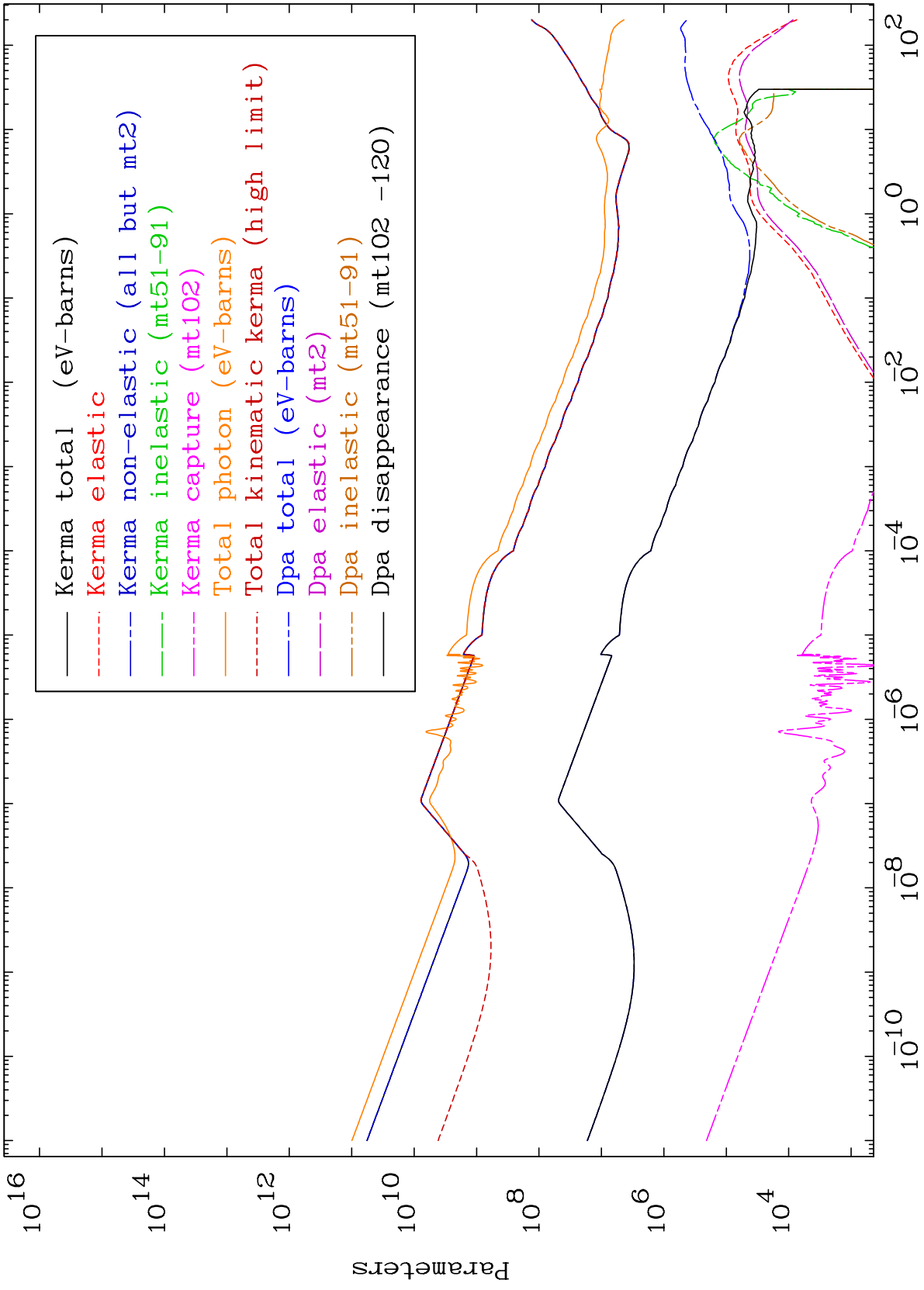
59-Pr-132



13

Incident Energy (MeV)

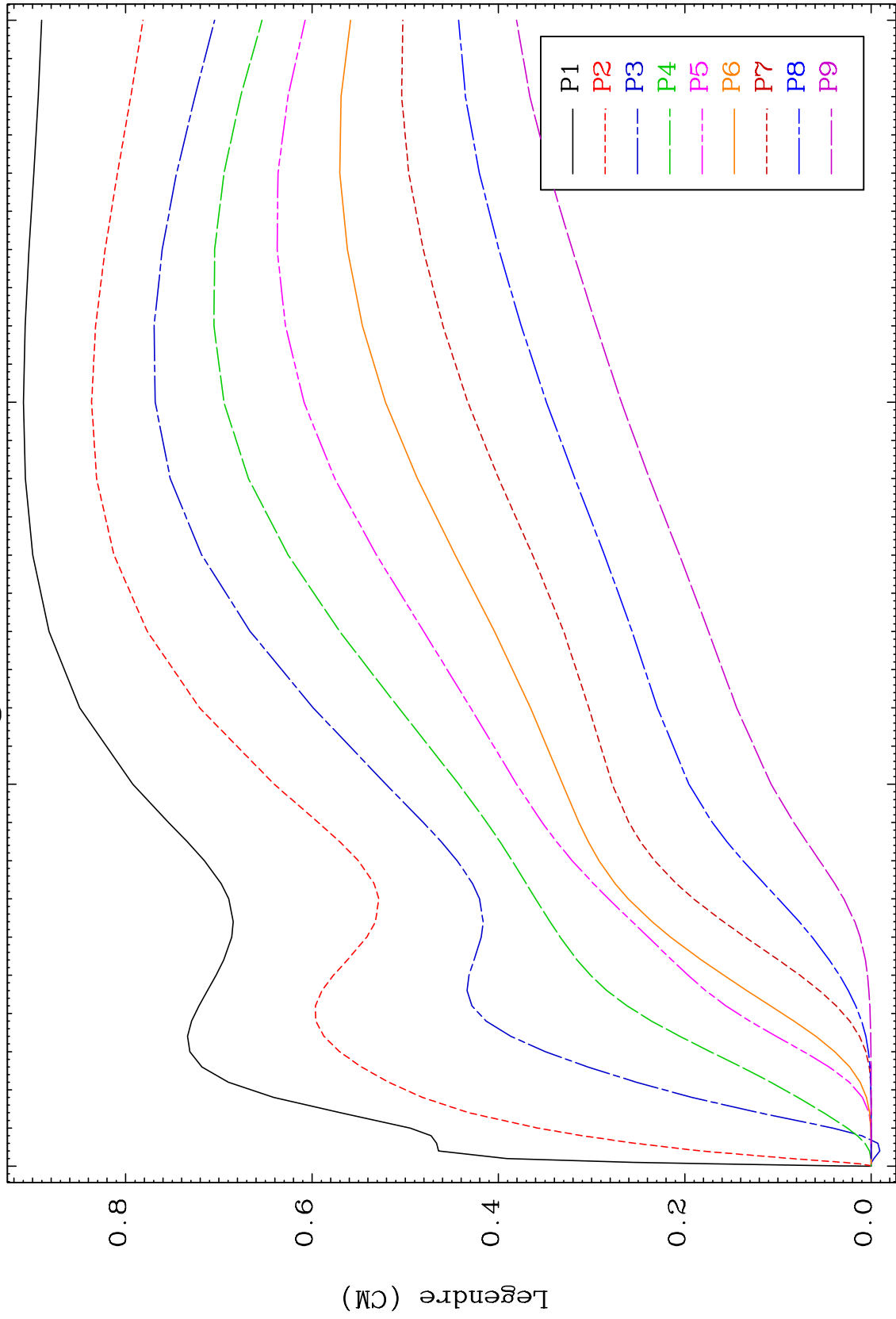
59-Pr-132



MAT 5898

Elastic Legendre Coefficients

59-Pr-132



15

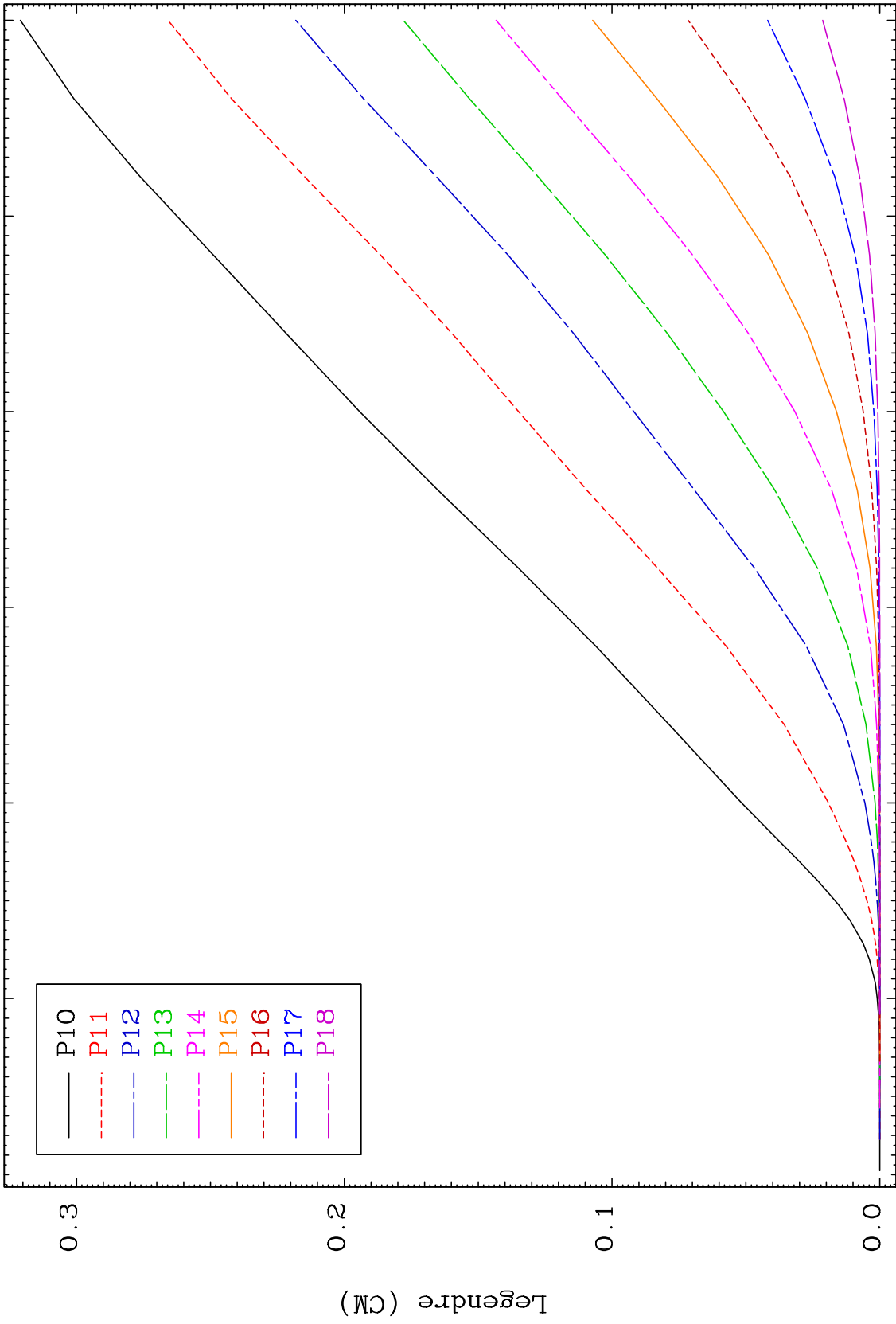
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



16

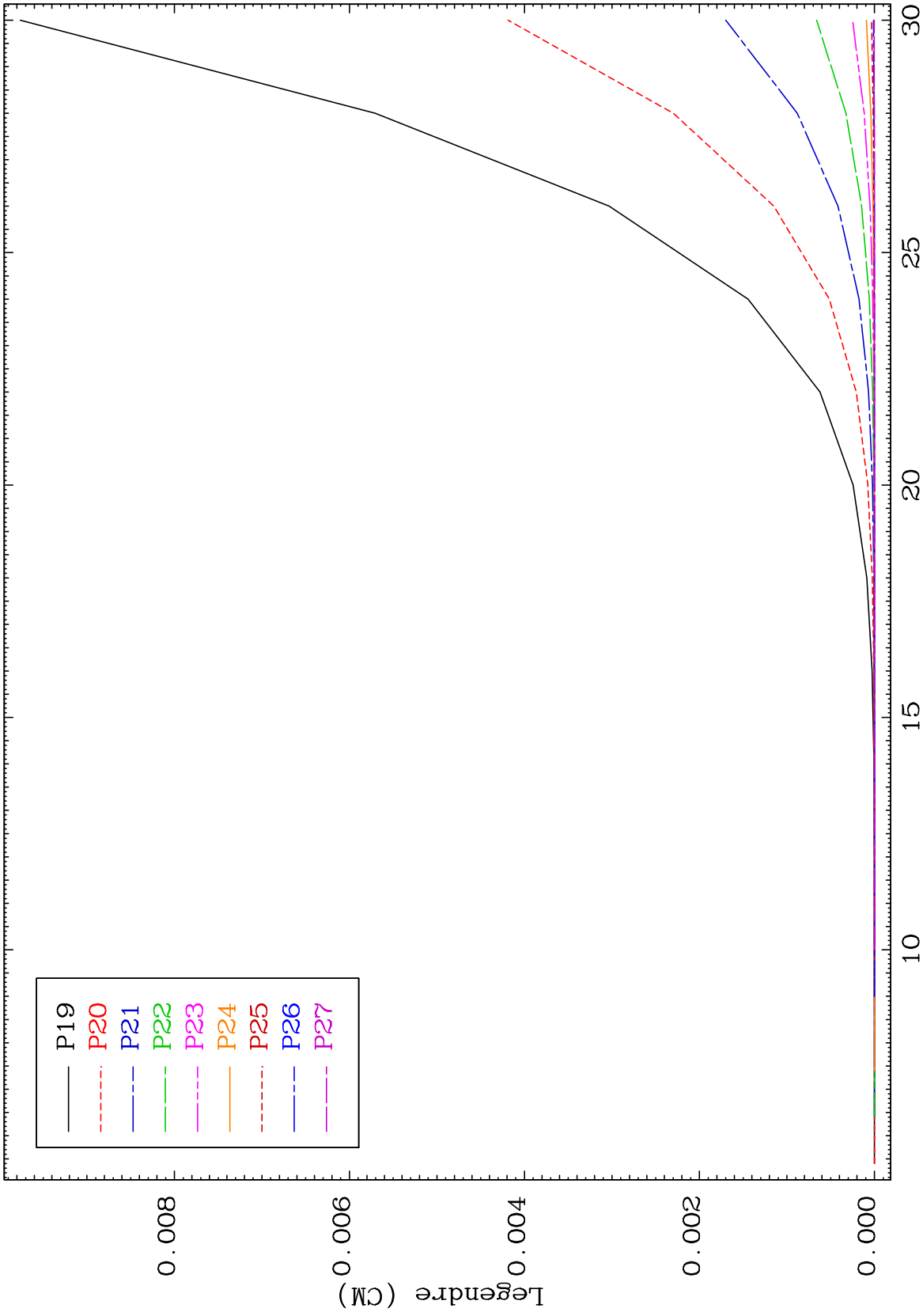
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



17

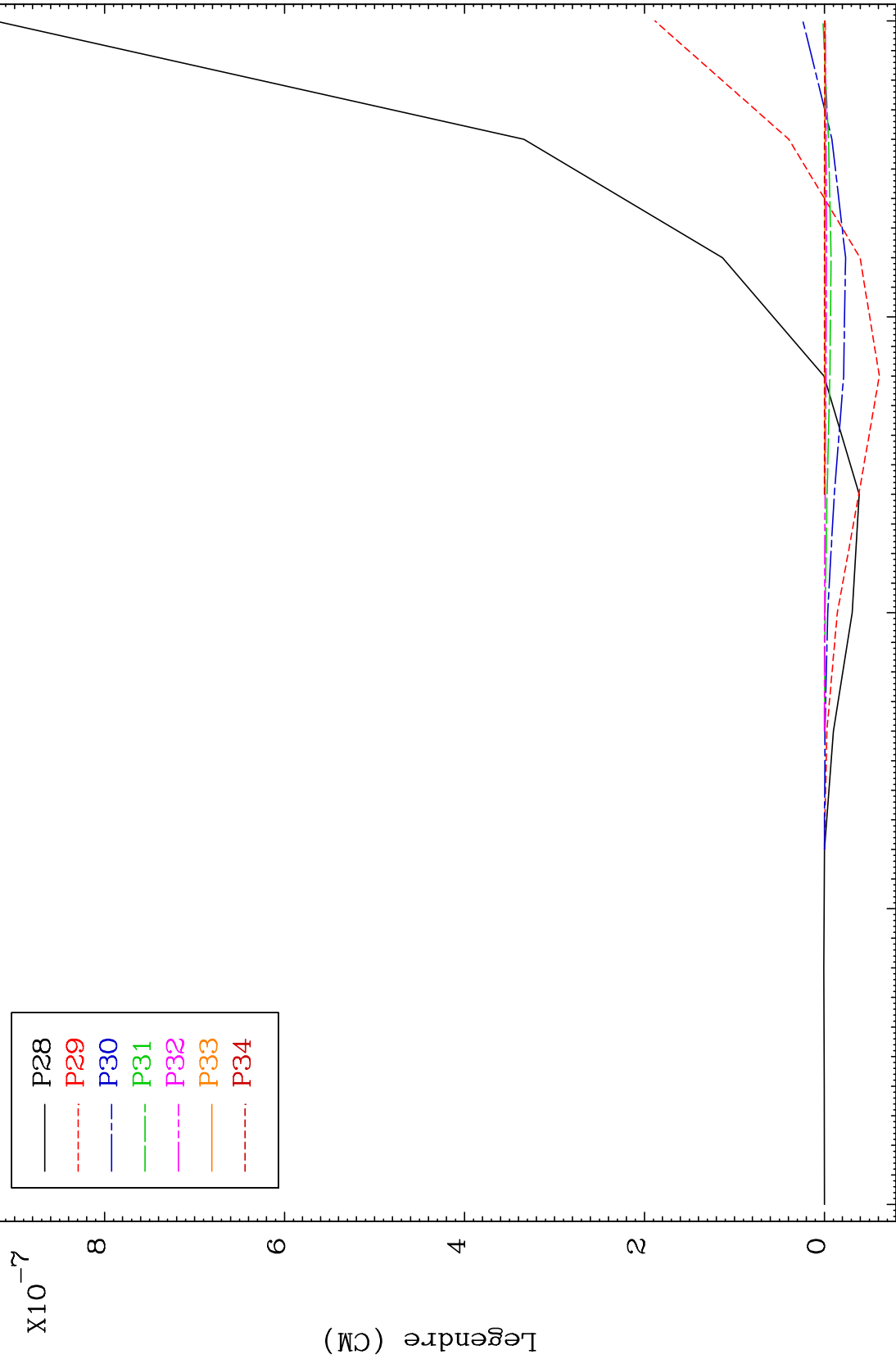
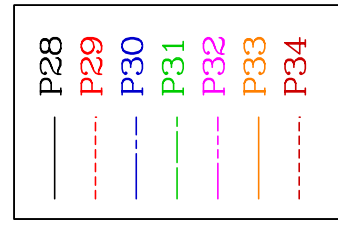
Incident Energy (MeV)

59-Pr-132

MAT 5898

Elastic Legendre Coefficients

59-Pr-132



10

15

20

25

30

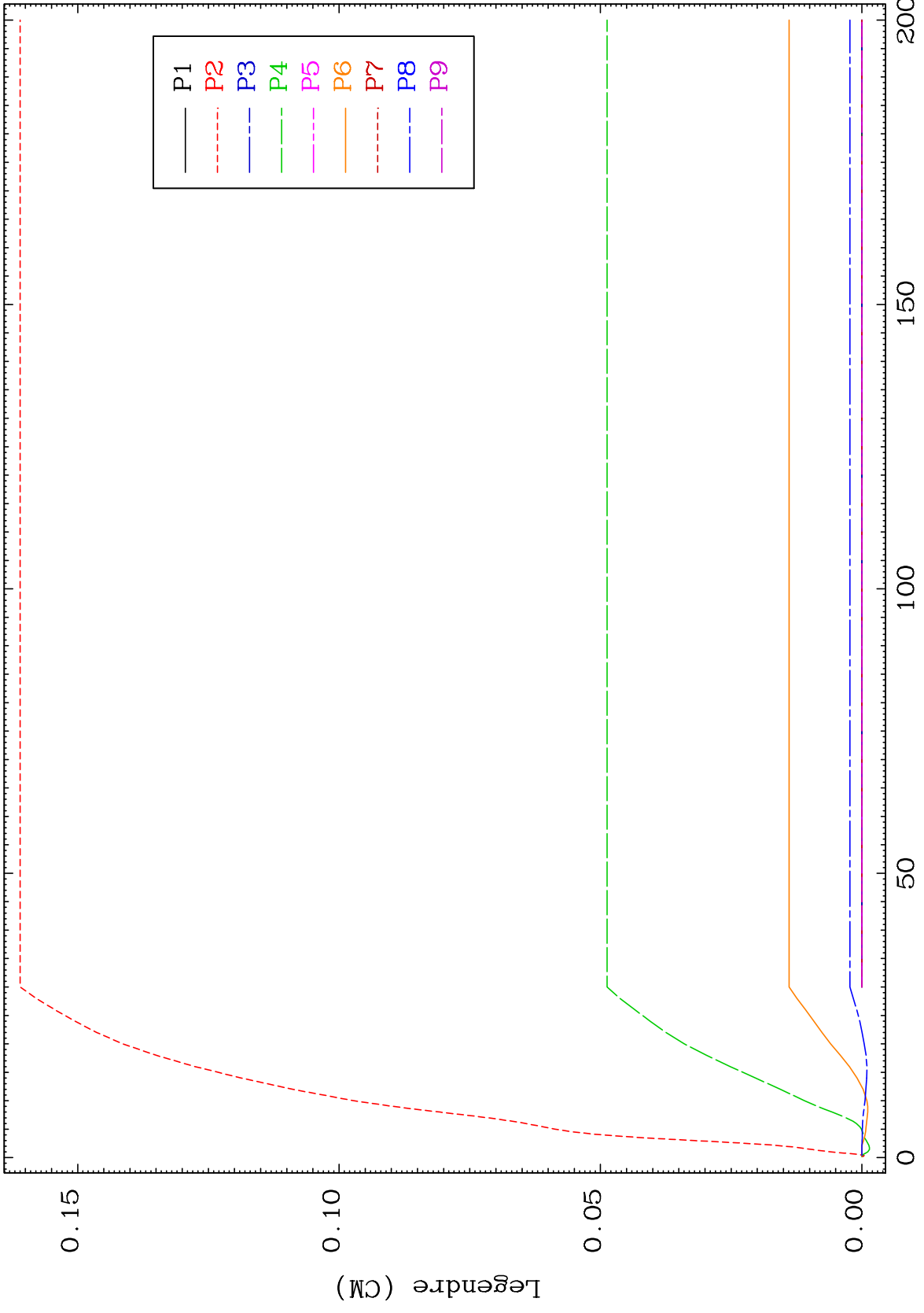
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



19

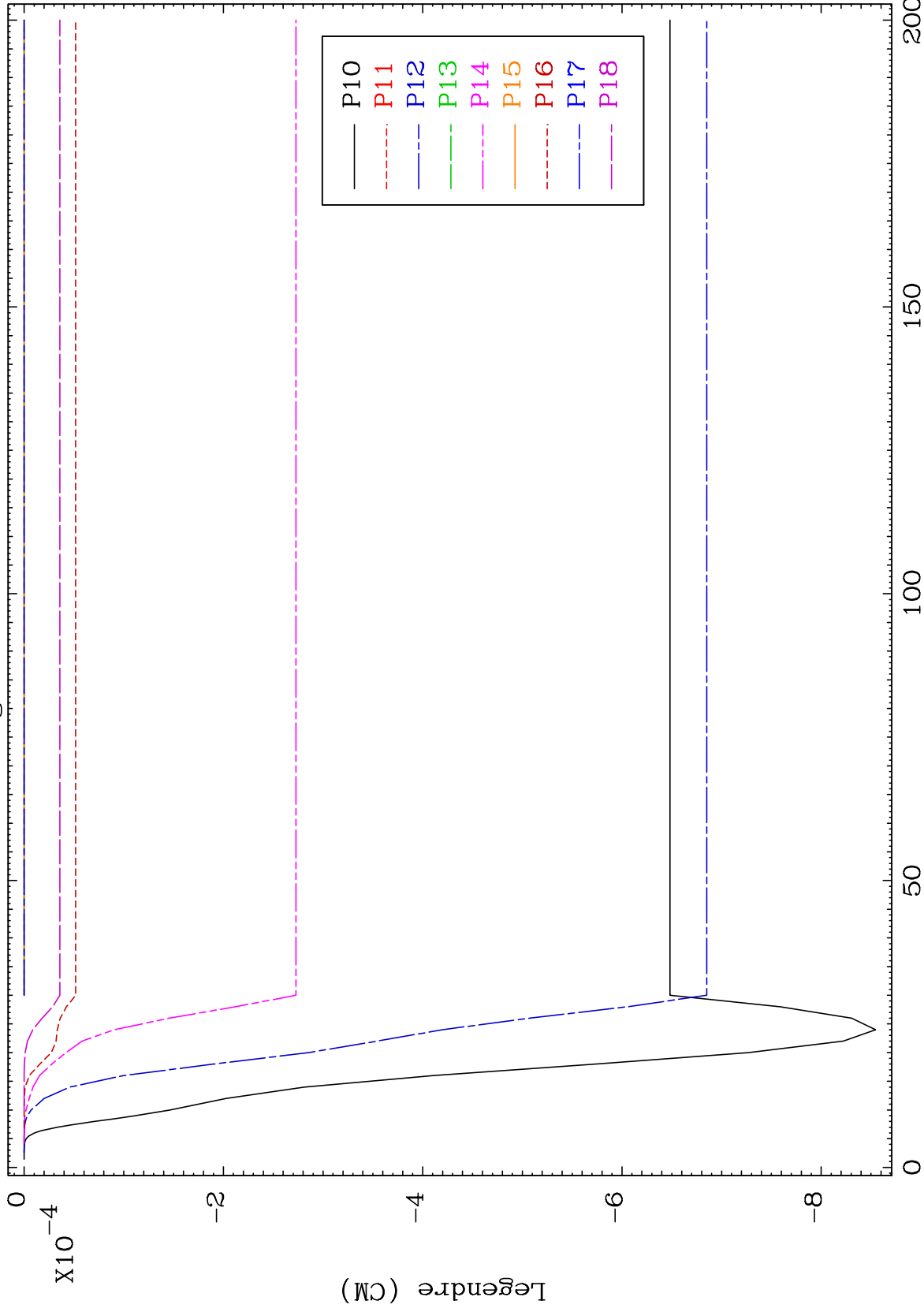
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



20

Incident Energy (MeV)

50

100

150

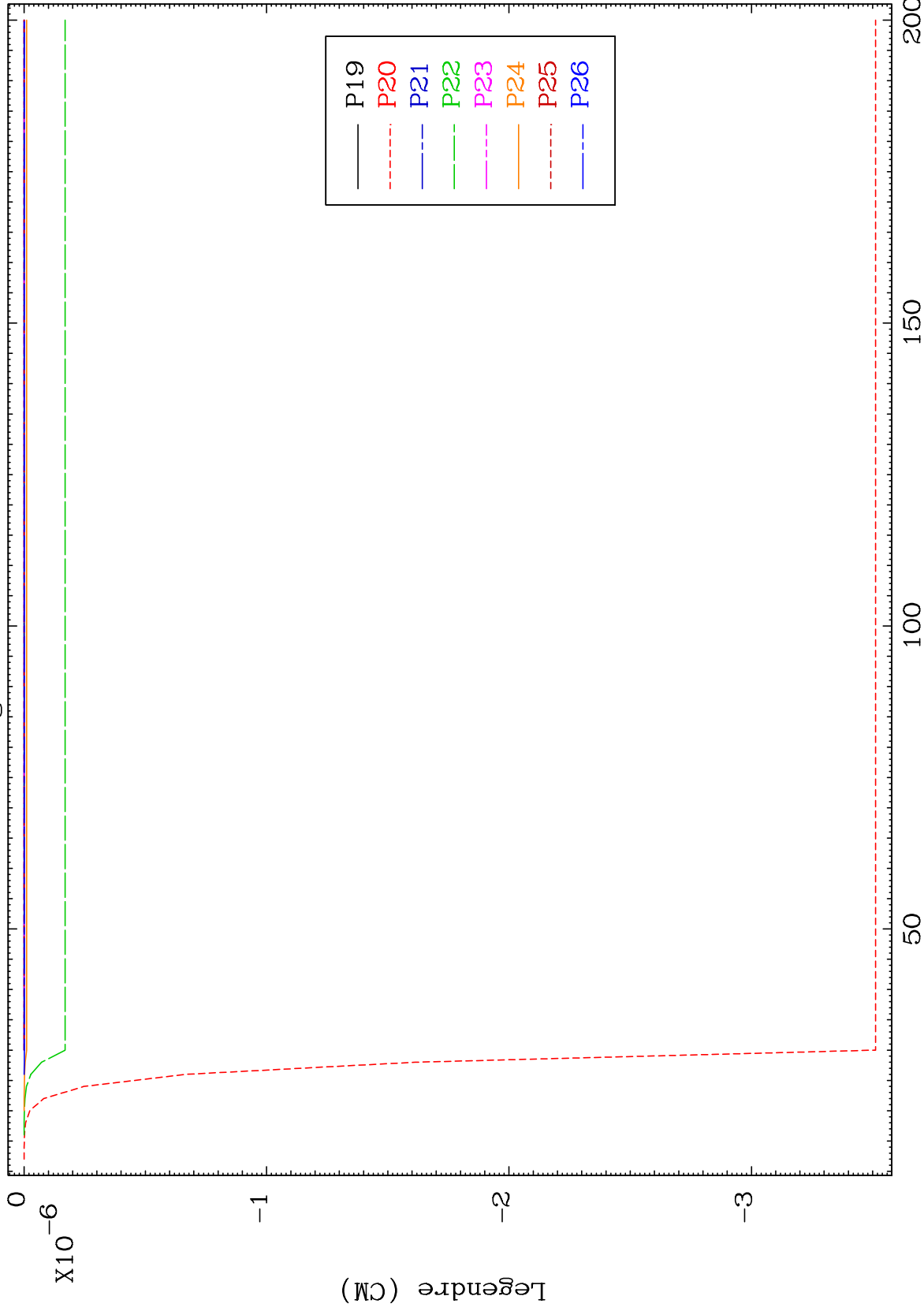
200

59-Pr-132

MAT 5898

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

59-Pr-132



21

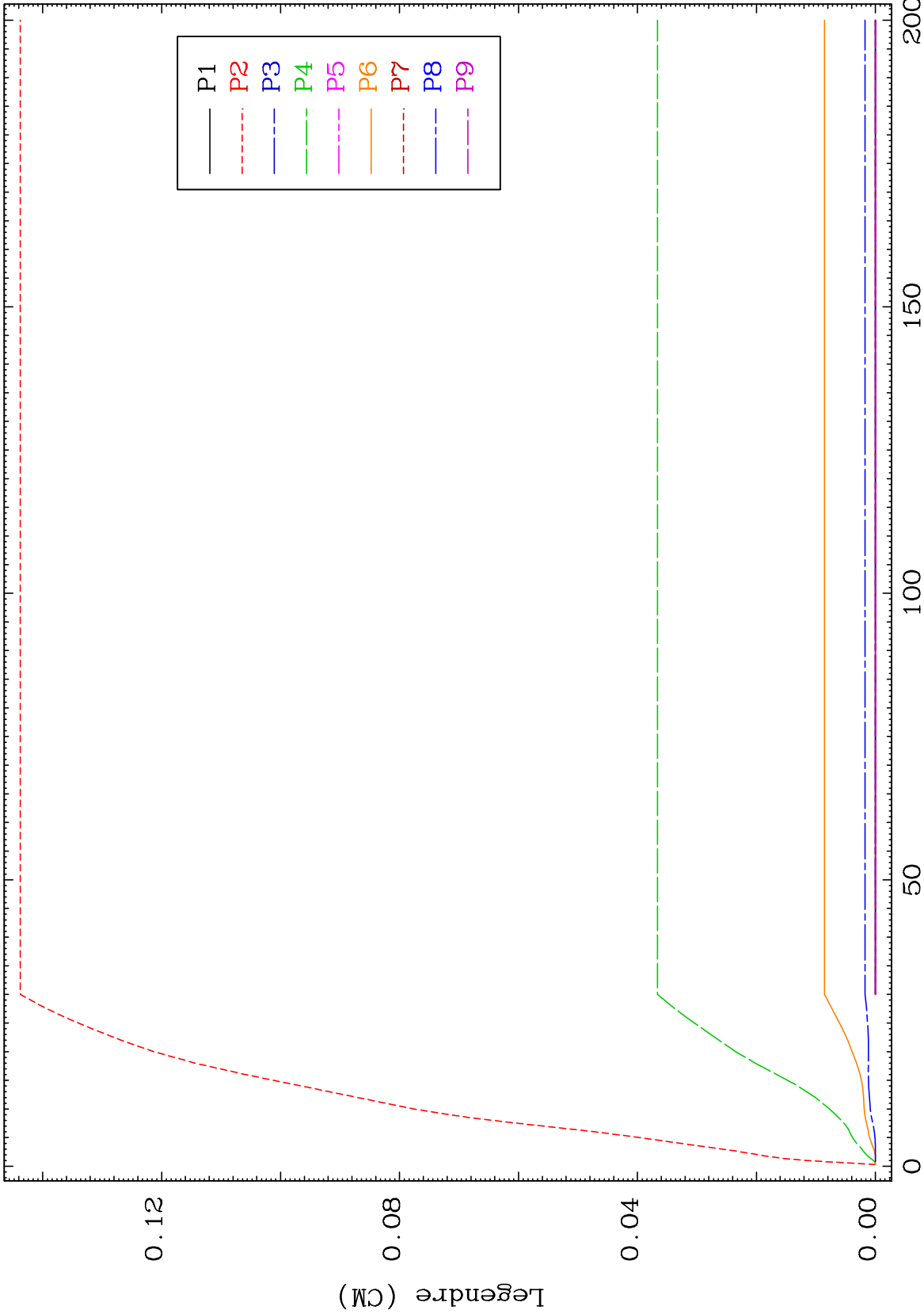
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

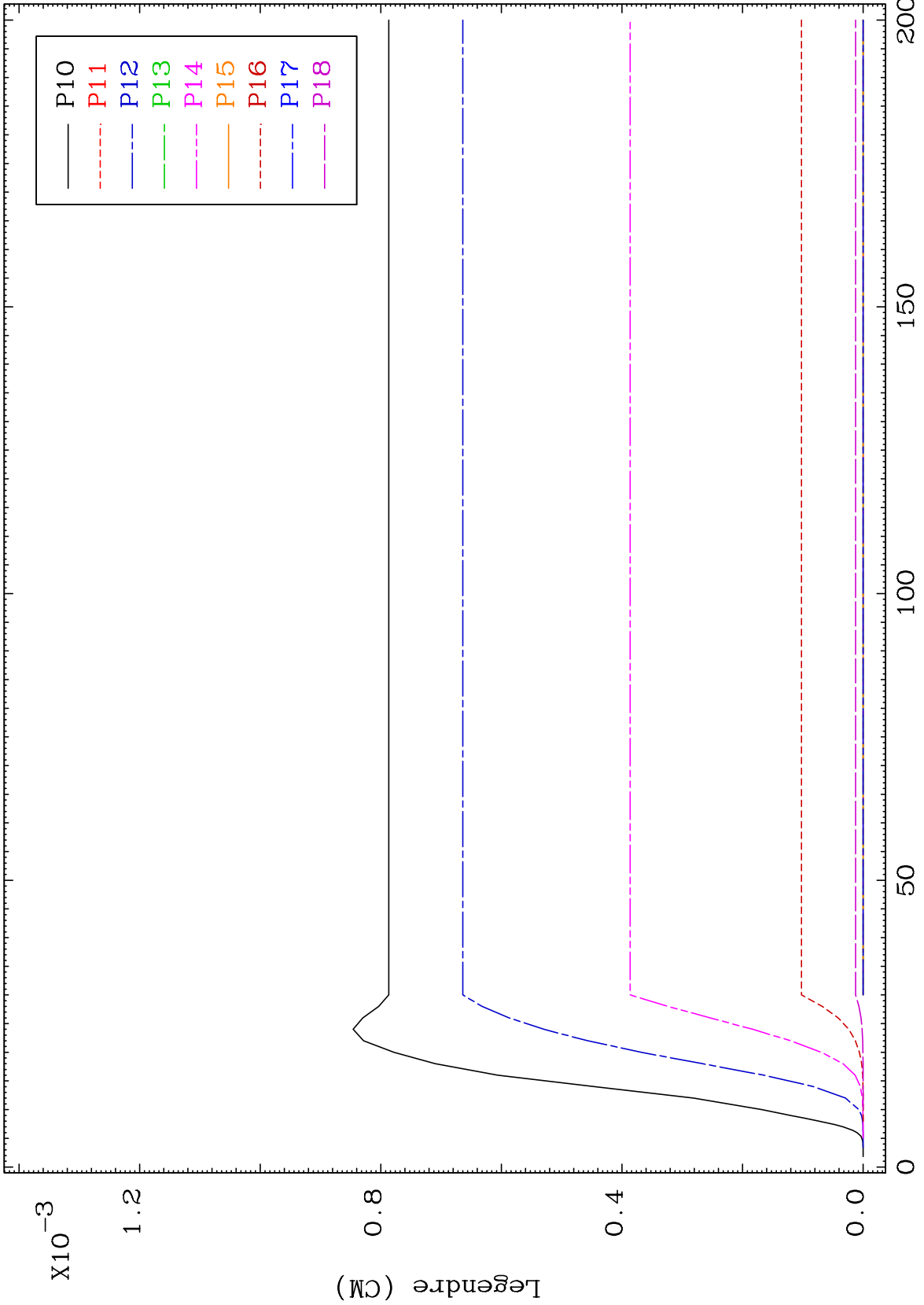
59-Pr-132



22

Incident Energy (MeV)

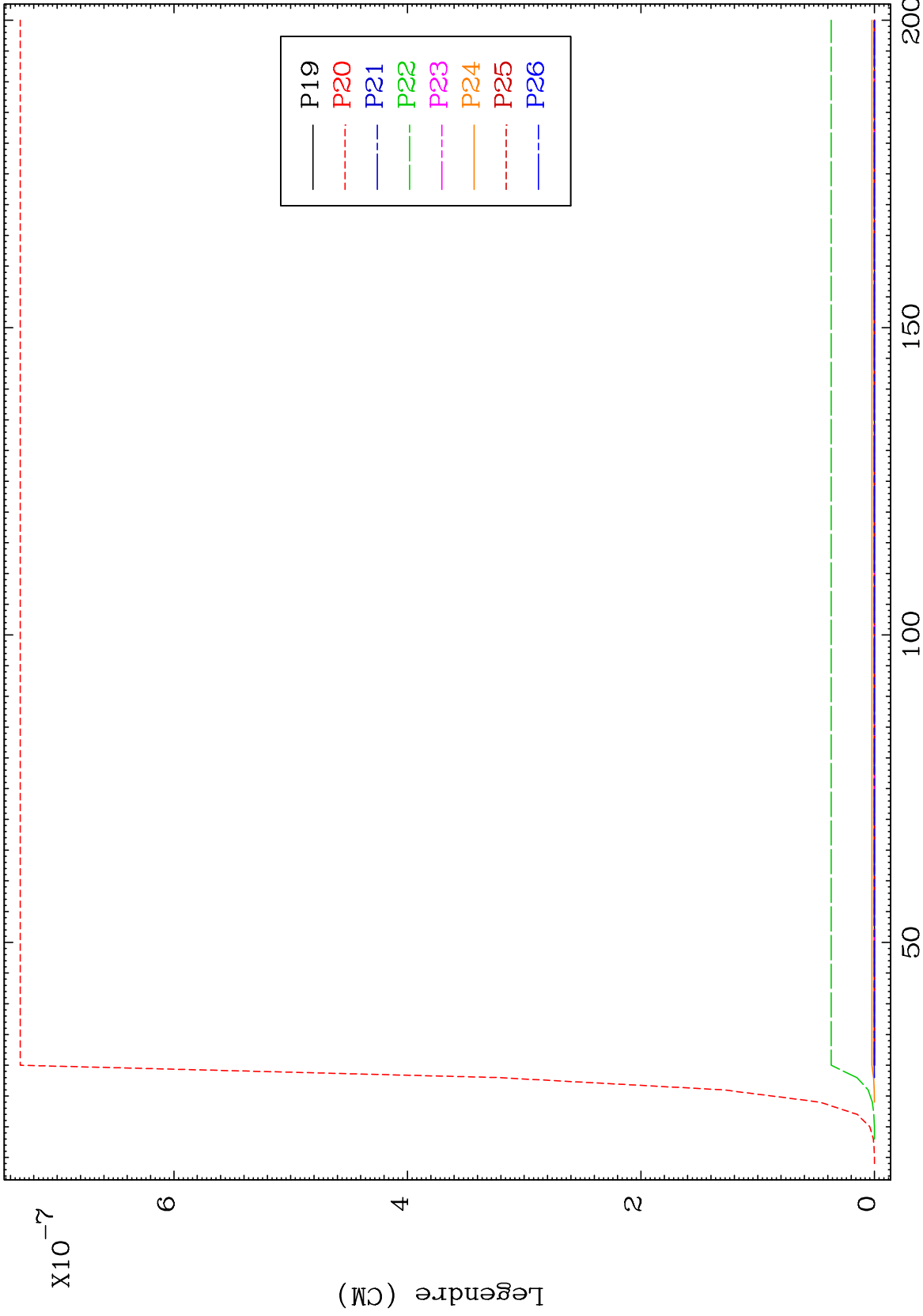
59-Pr-132



MAT 5898

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

59-Pr-132



24

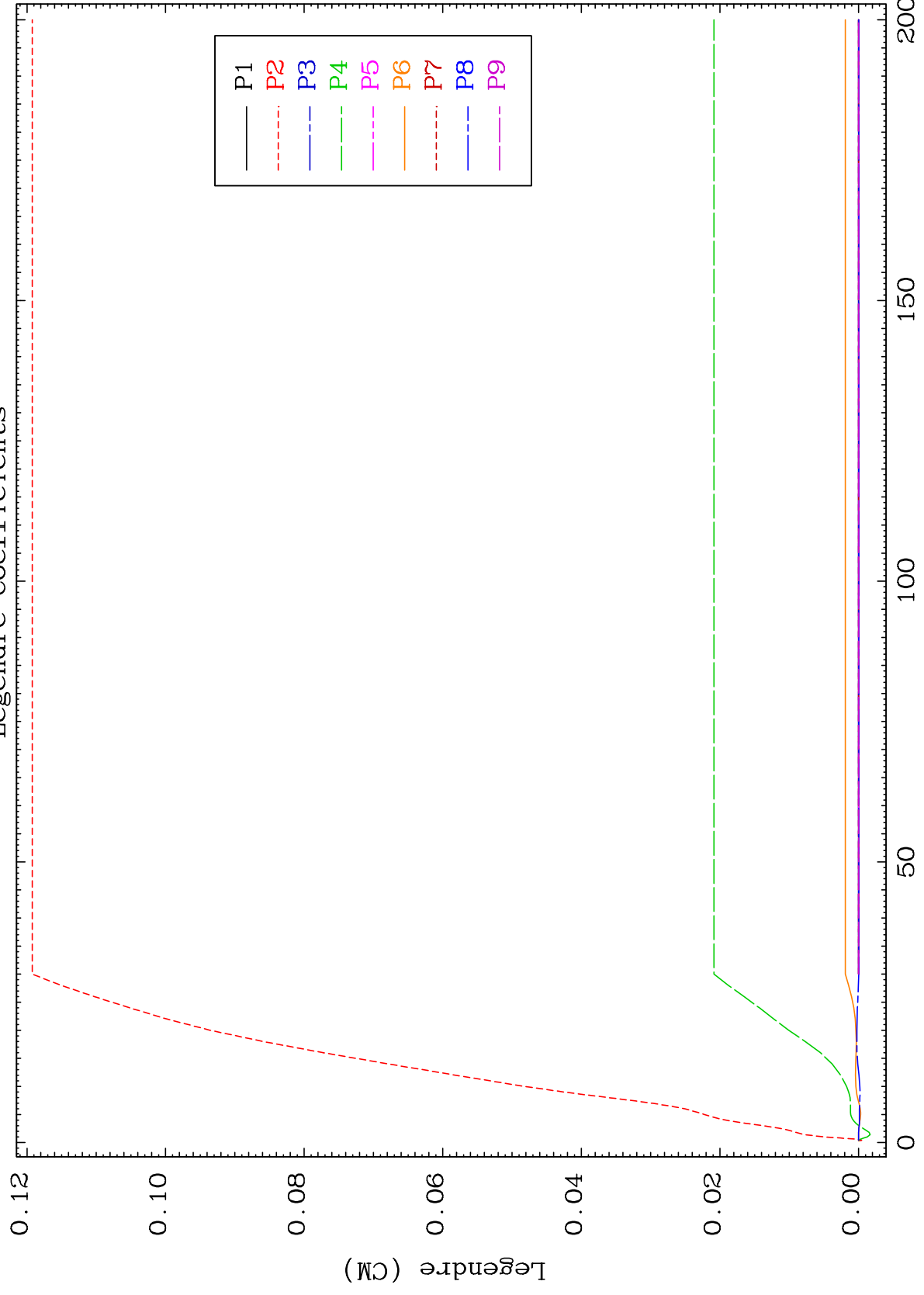
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



59-Pr-132

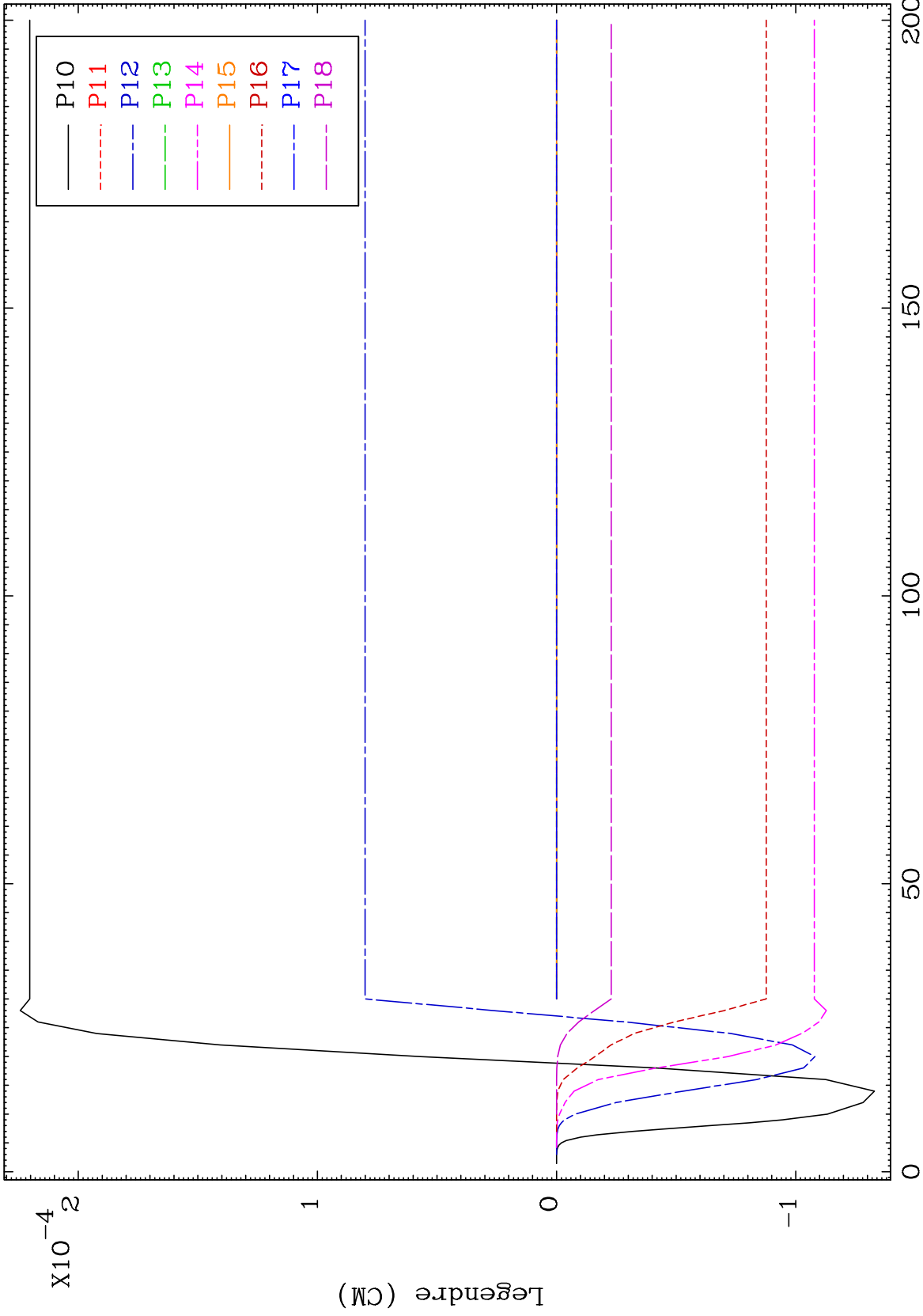
Incident Energy (MeV)

25

MAT 5898

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

59-Pr-132



26

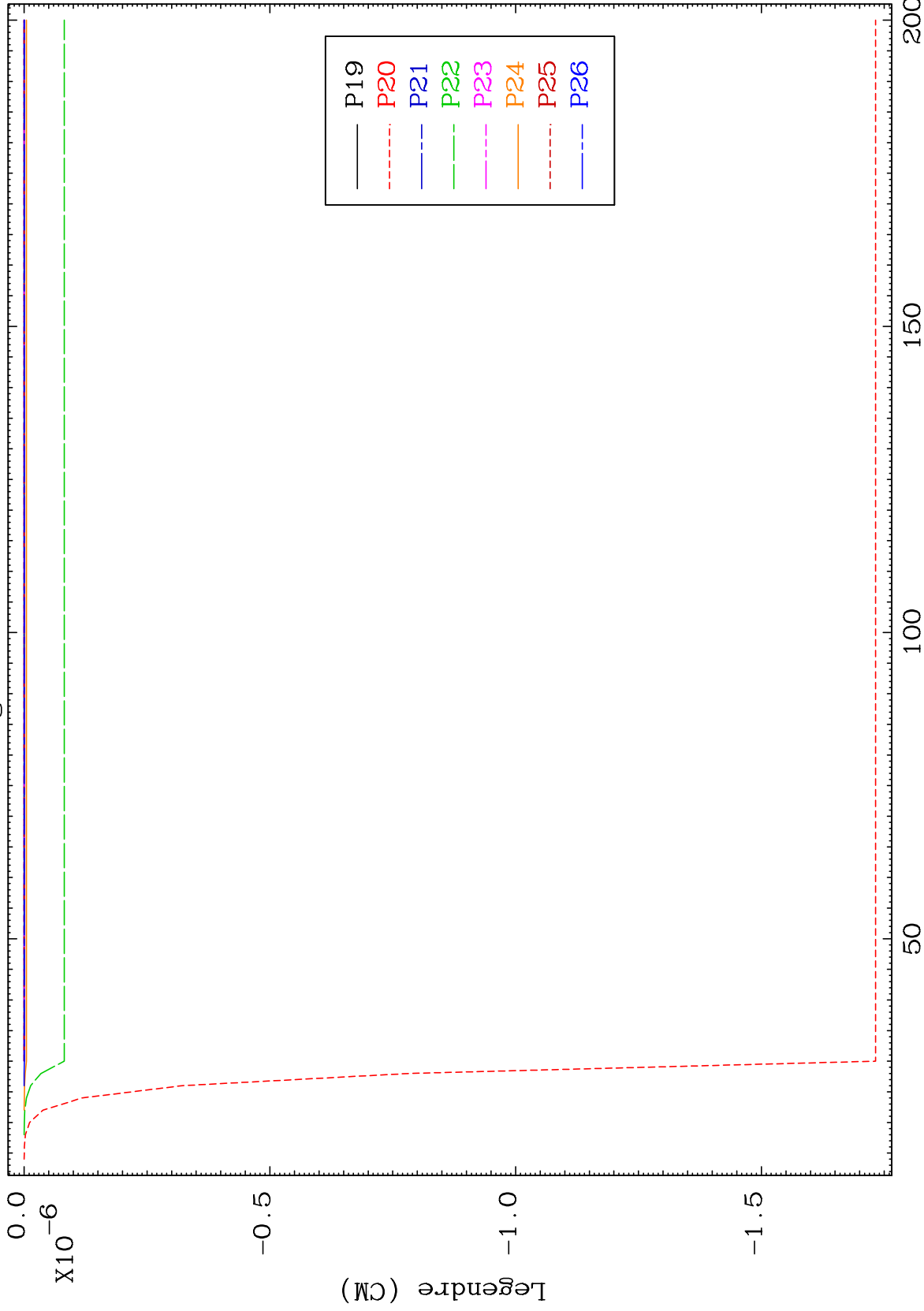
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



27

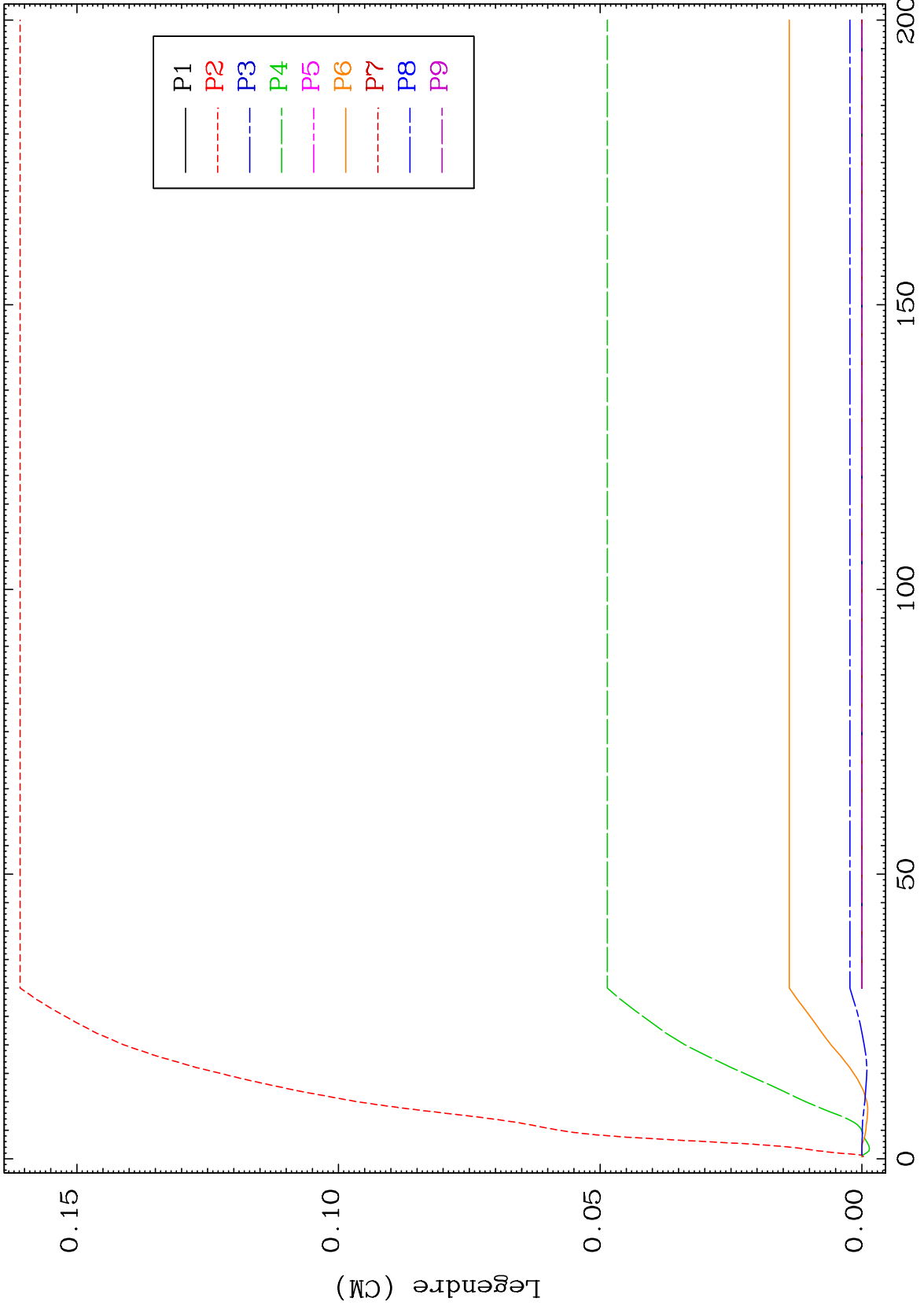
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



28

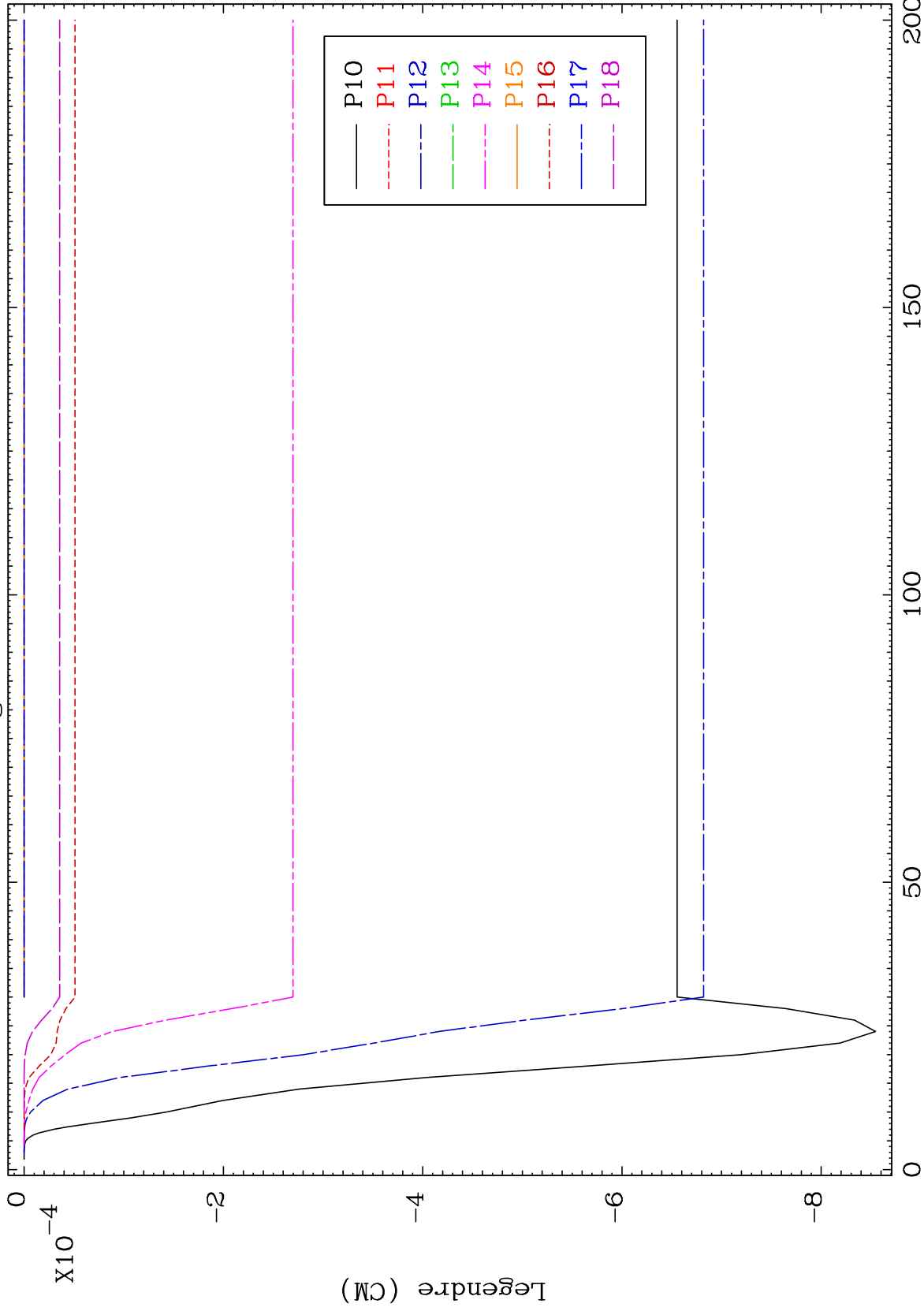
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



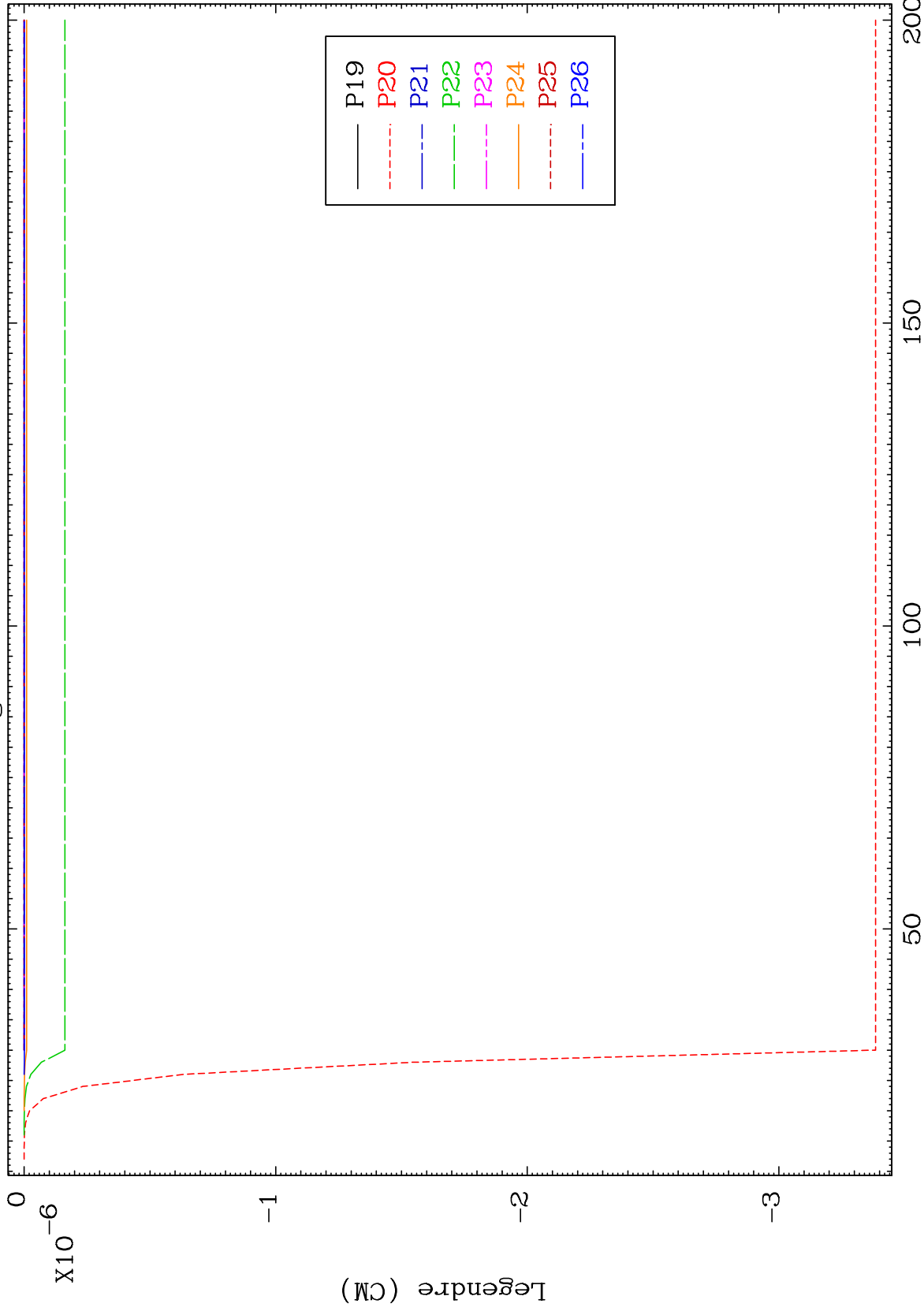
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59-Pr-132

MAT 5898

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

59-Pr-132

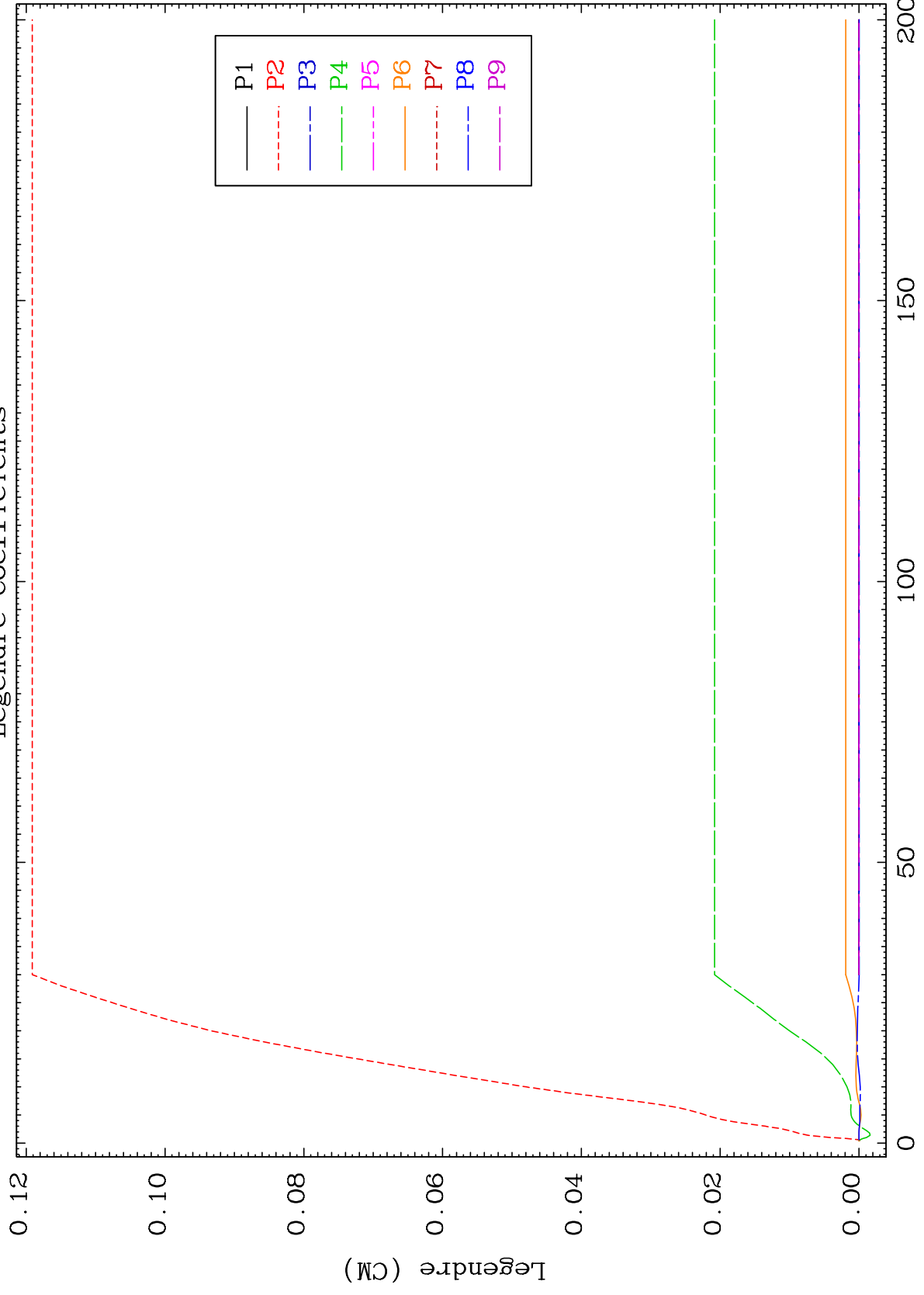


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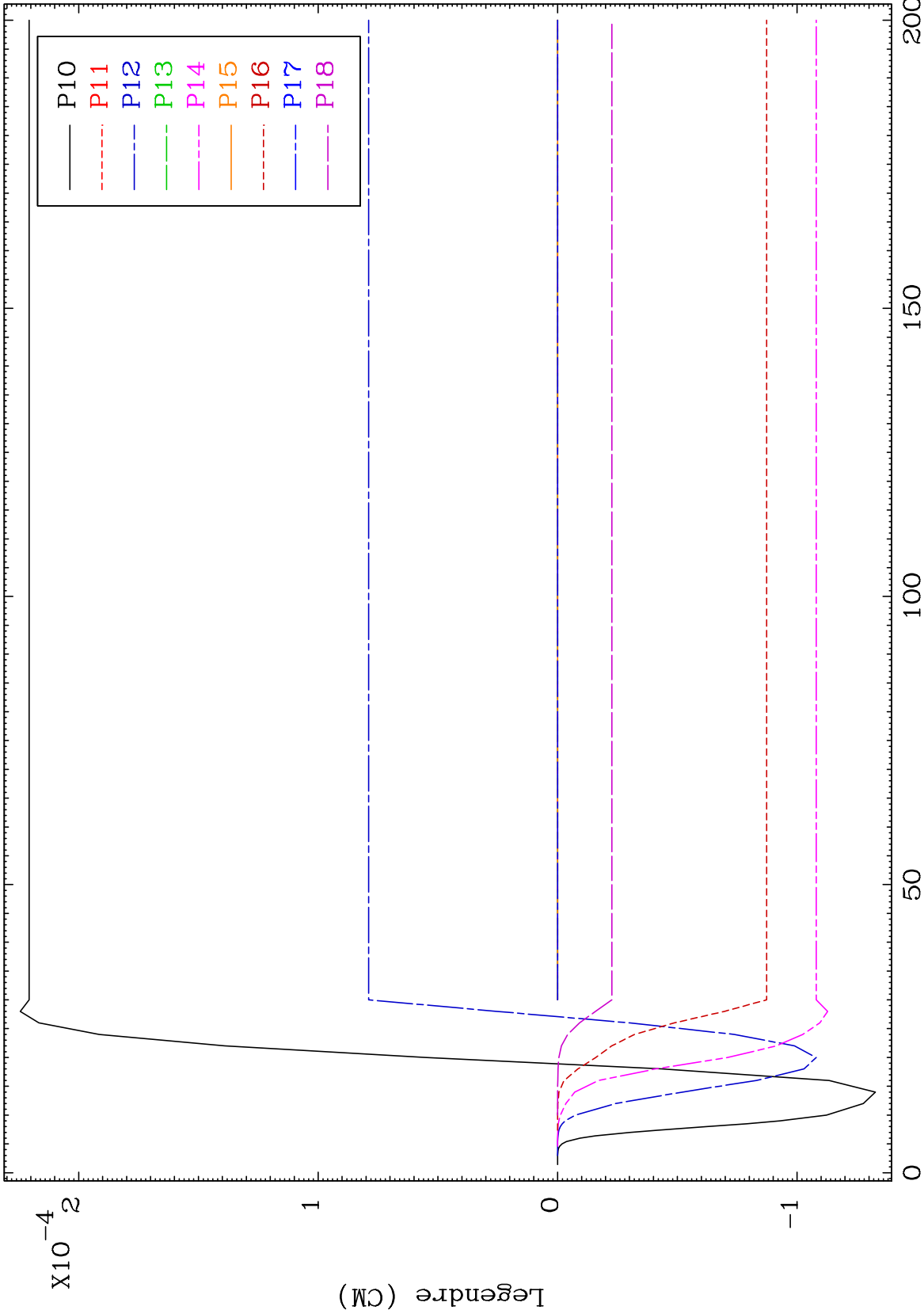
Incident Energy (MeV)

59-Pr-132

MAT 5898 MT= 55 (n,n') Level Legendre Coefficients 59-Pr-132



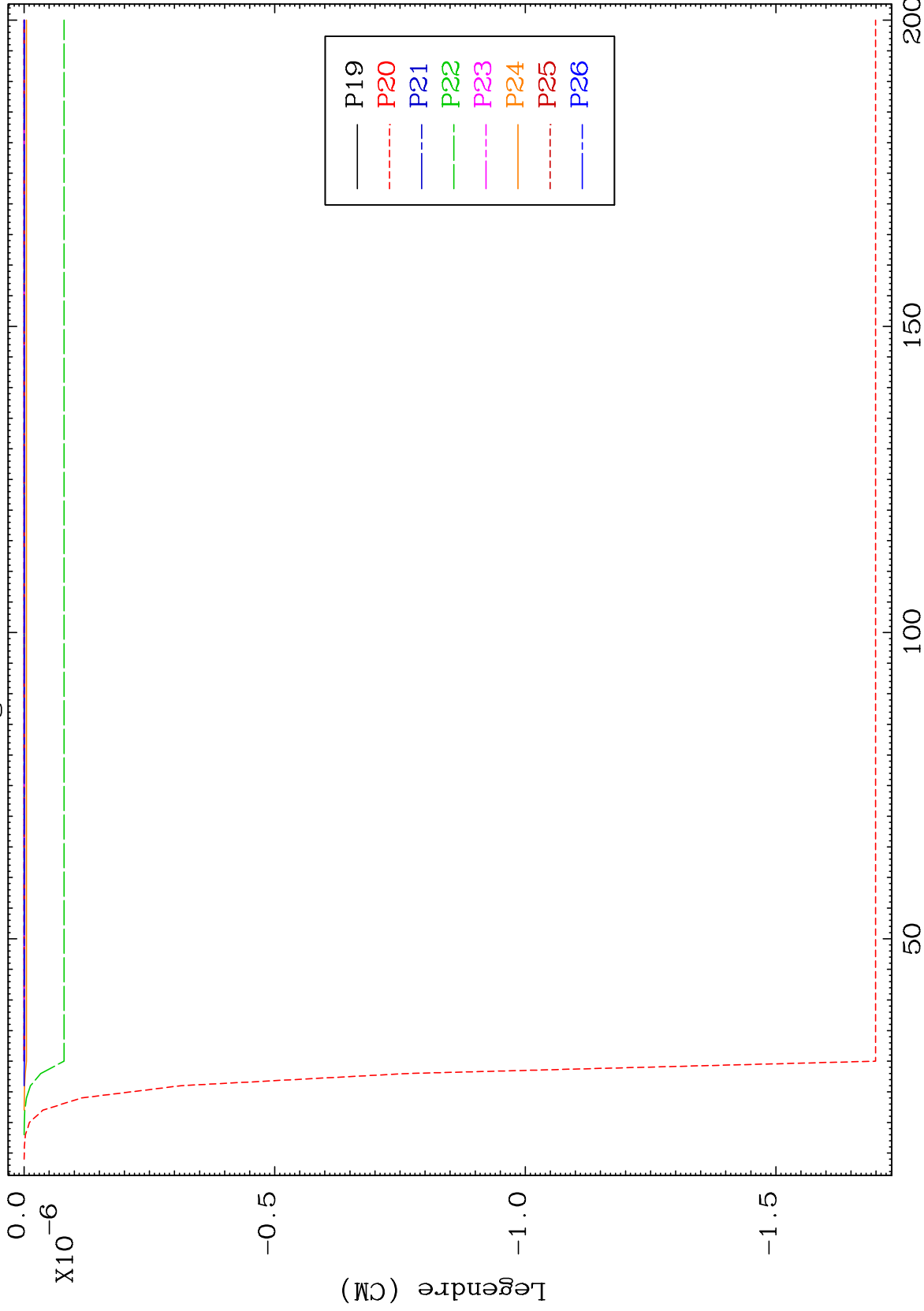
31 59-Pr-132



MAT 5898

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

59-Pr-132



33

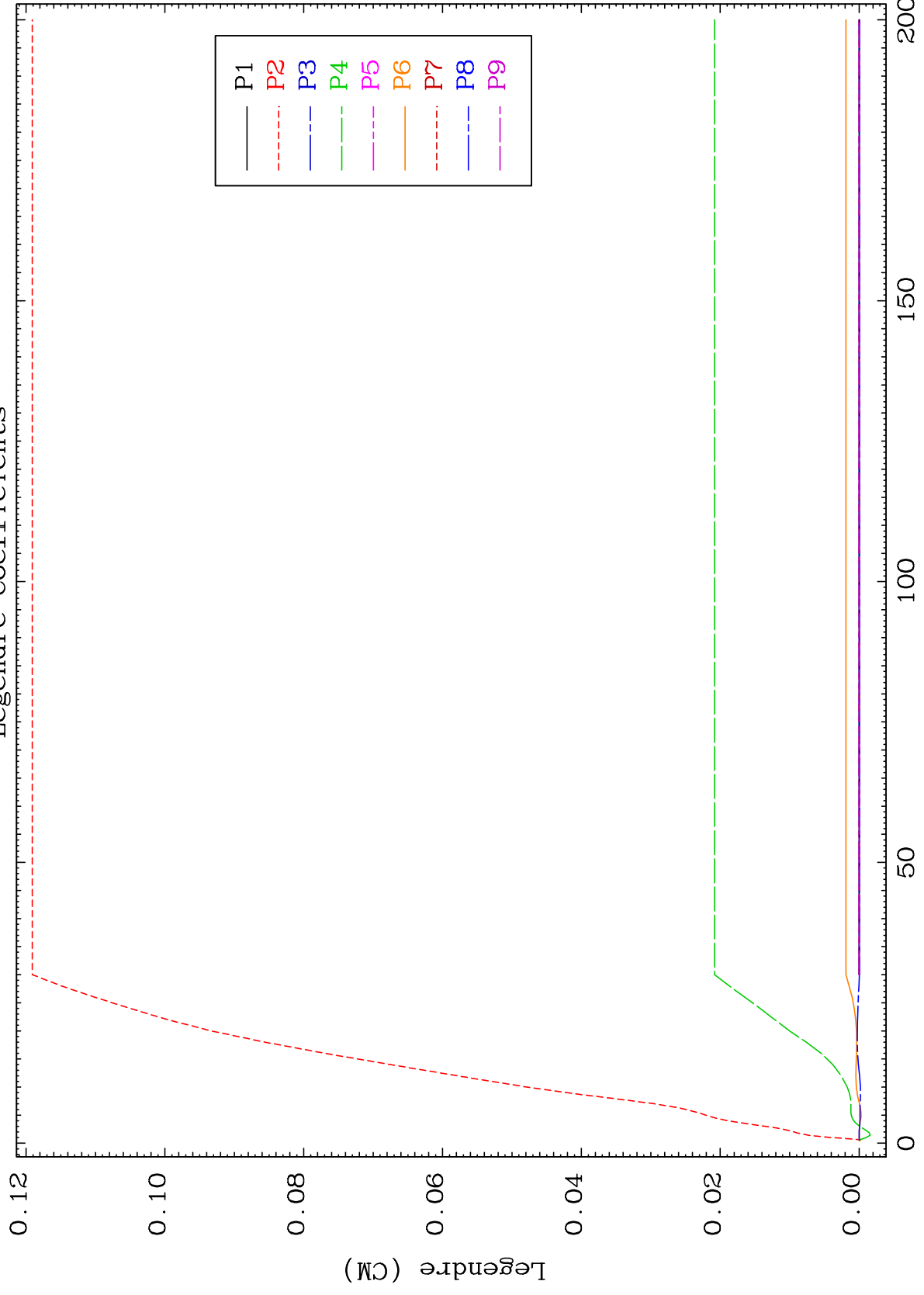
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



34

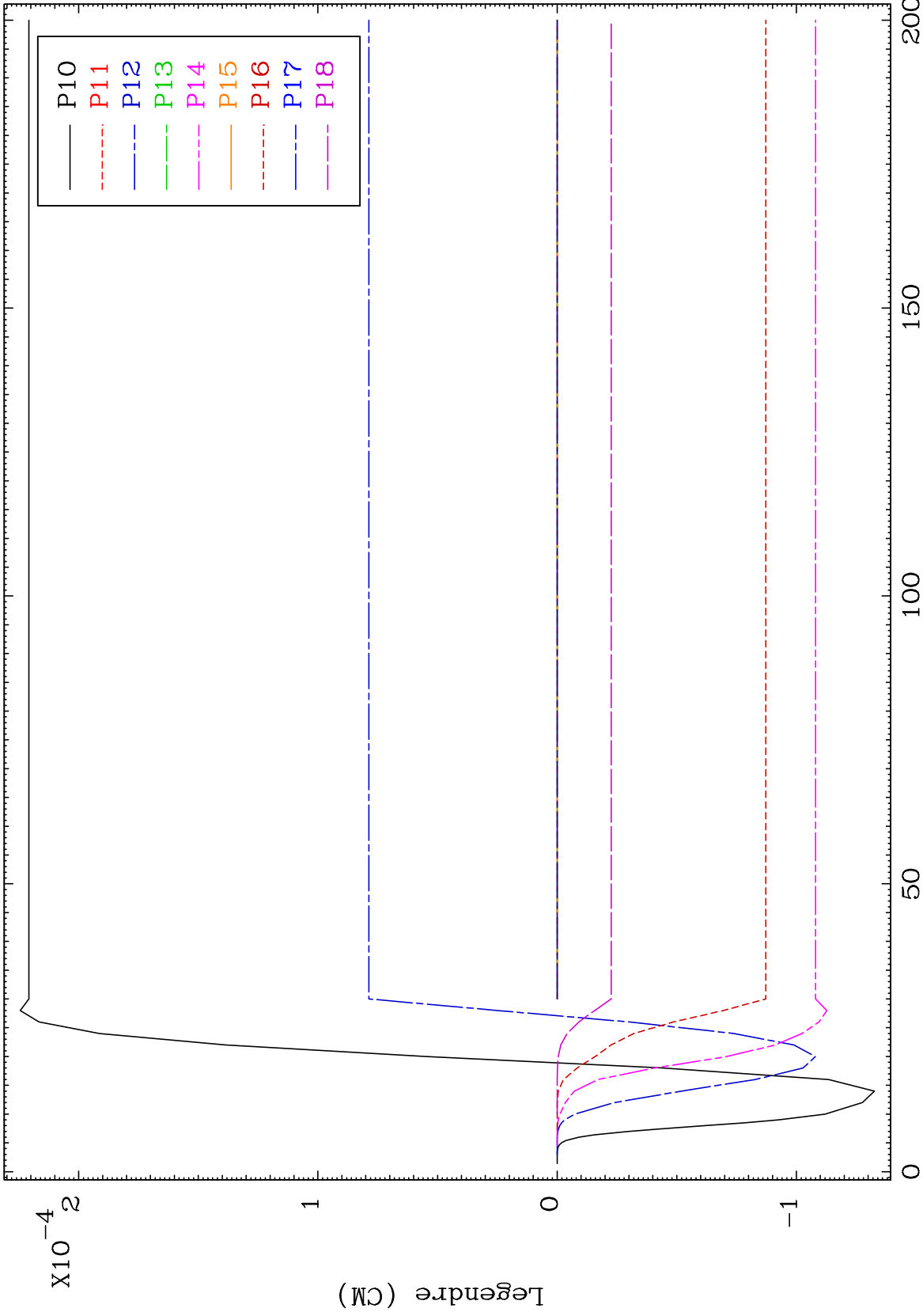
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



35

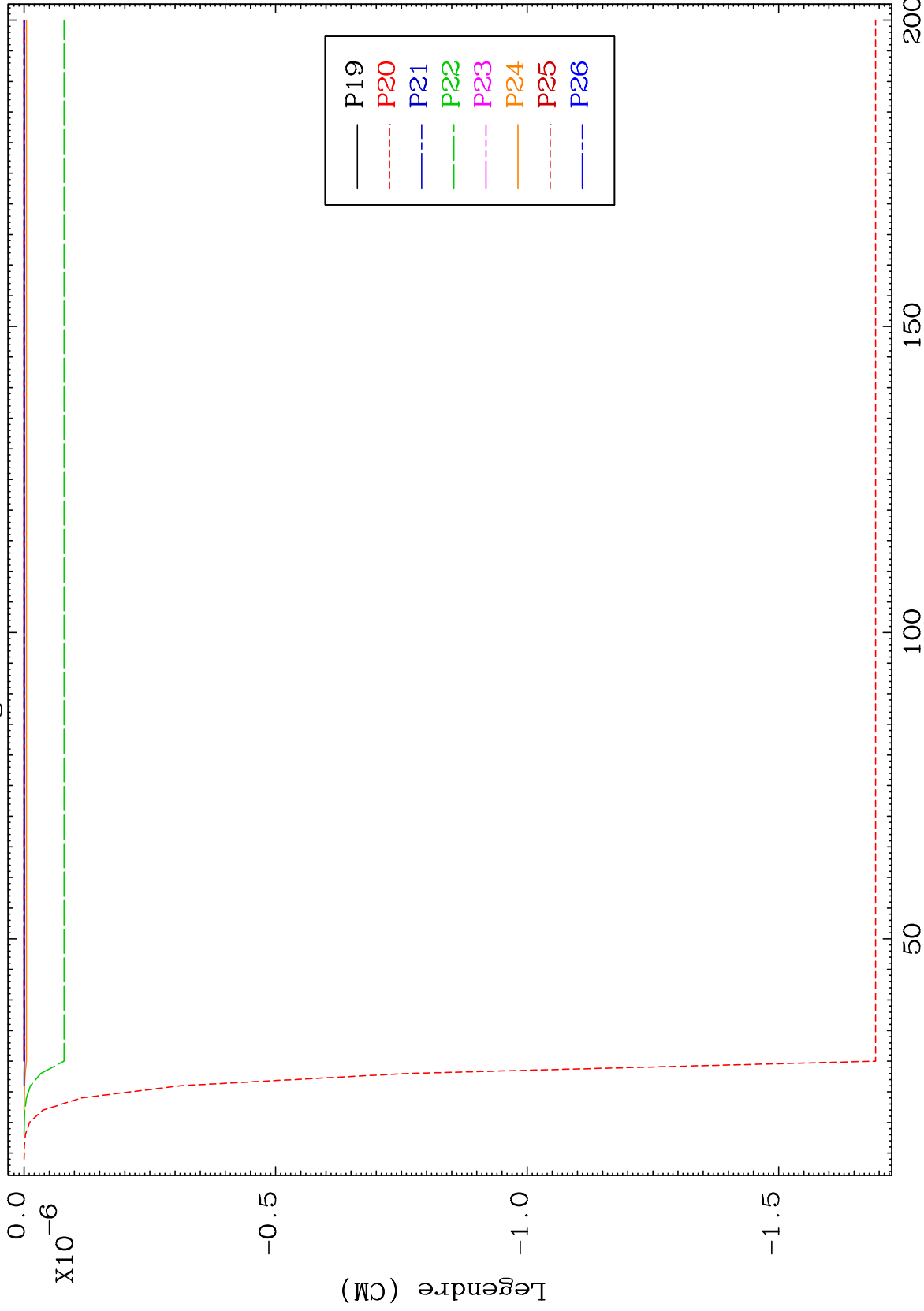
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



36

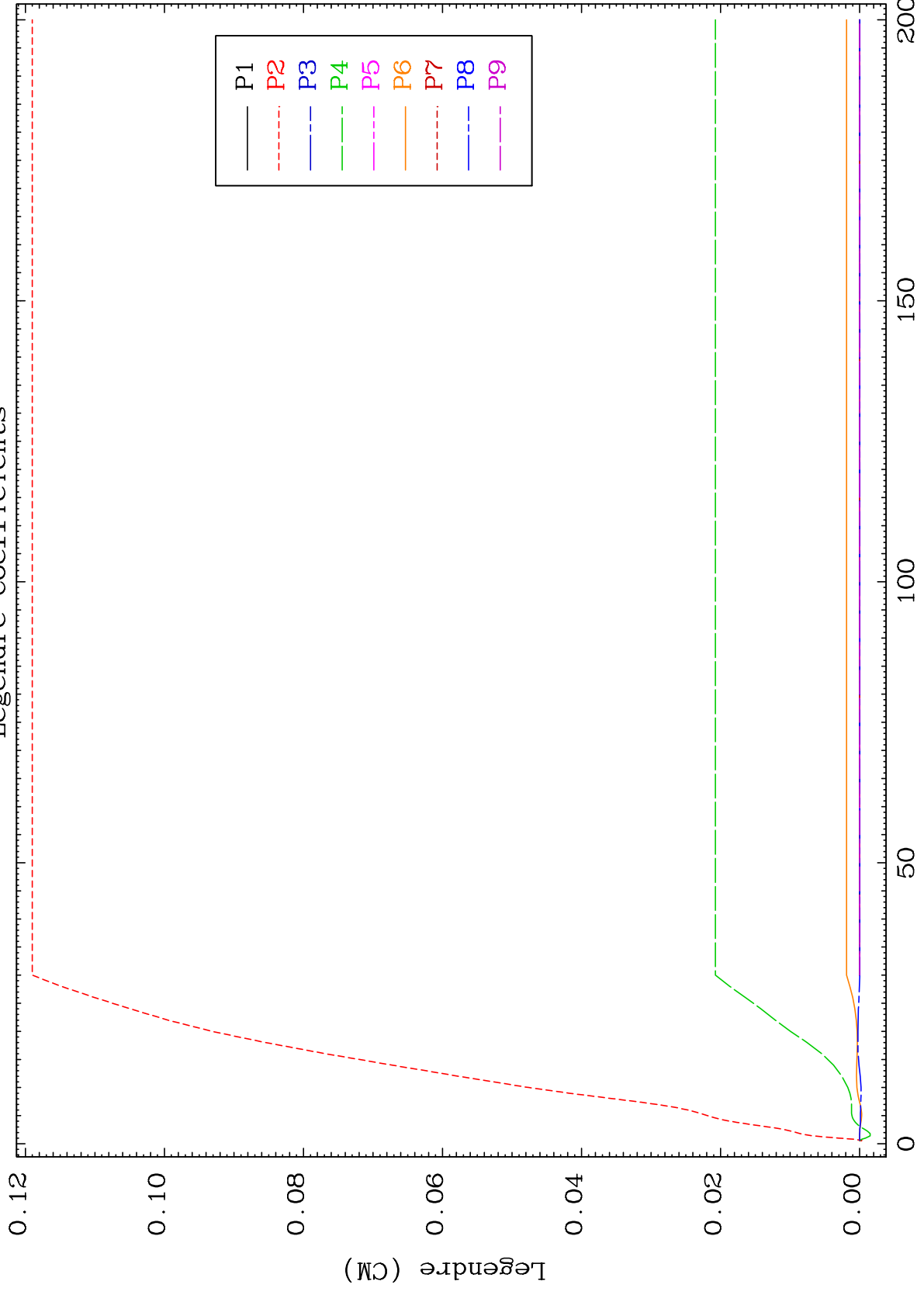
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

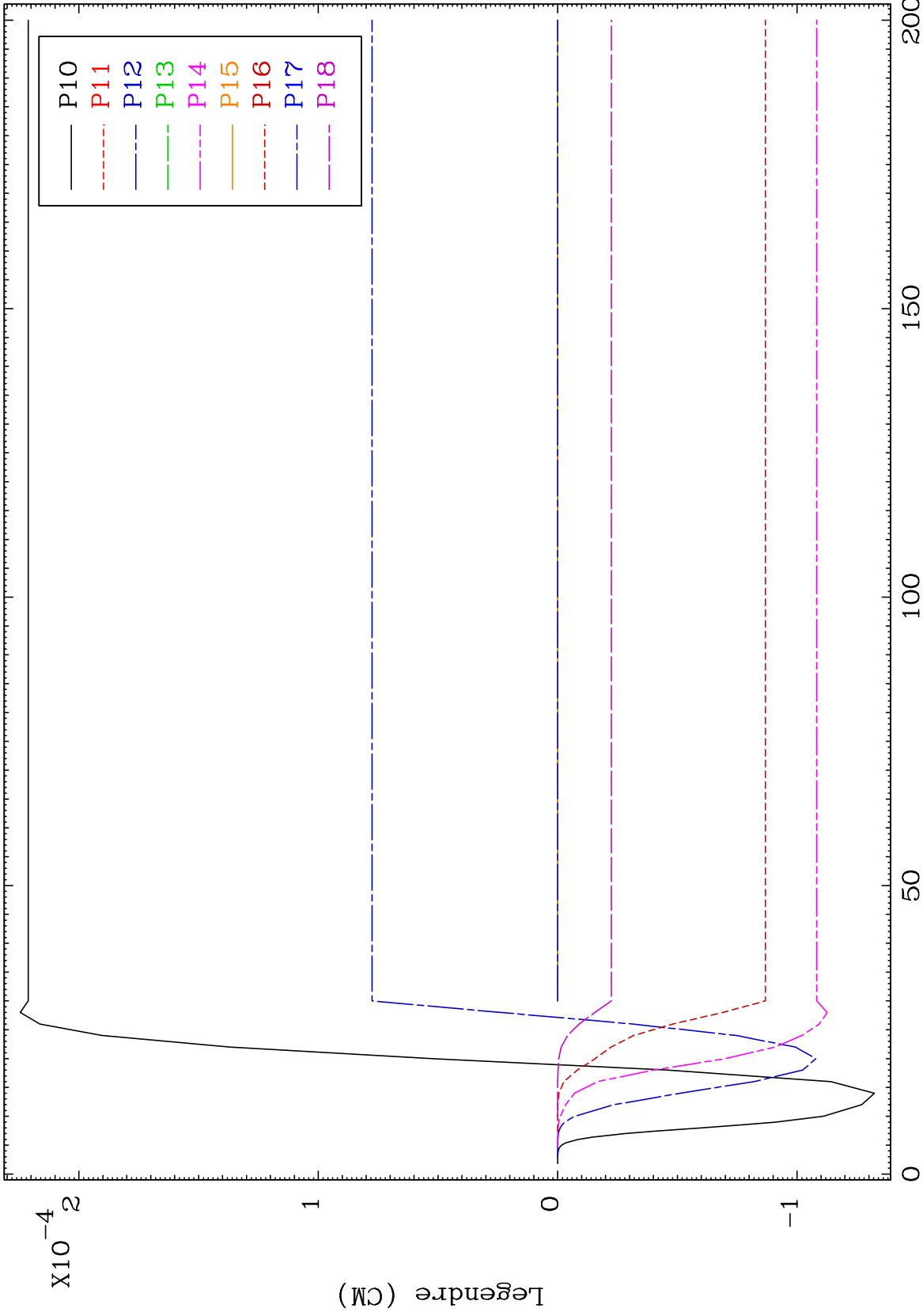
59-Pr-132



37

Incident Energy (MeV)

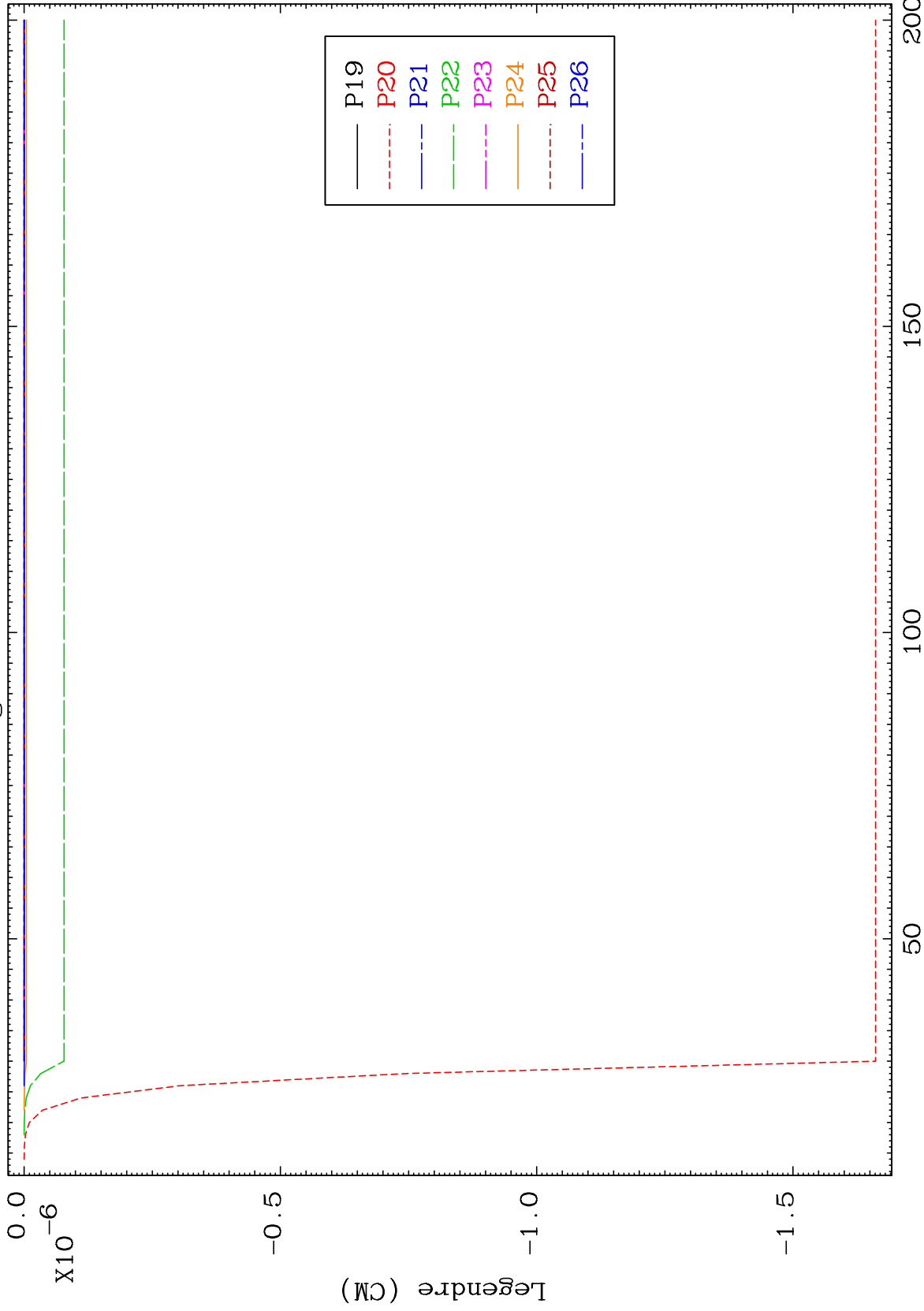
59-Pr-132



MAT 5898

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

59-Pr-132



39

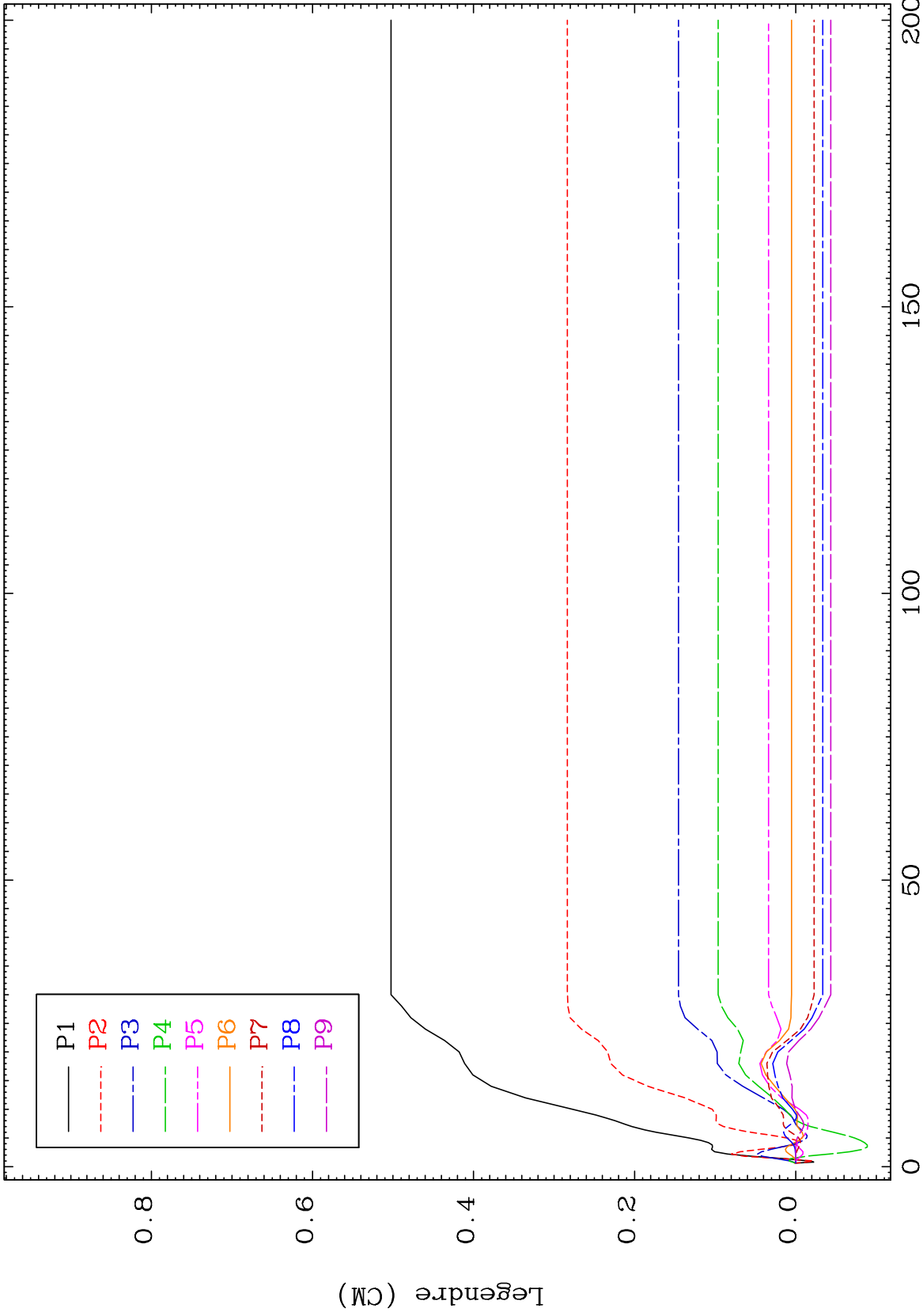
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



40

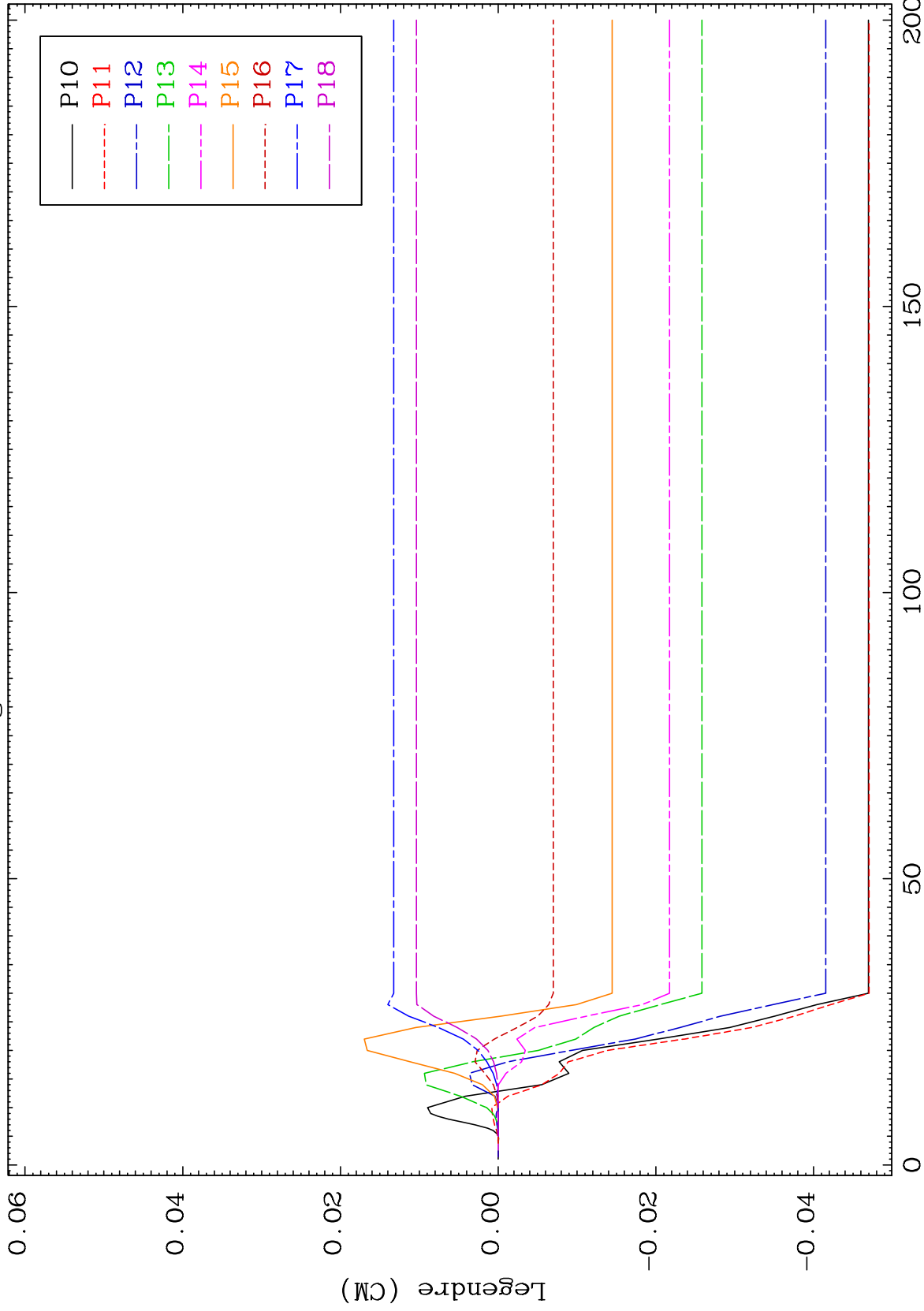
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



41

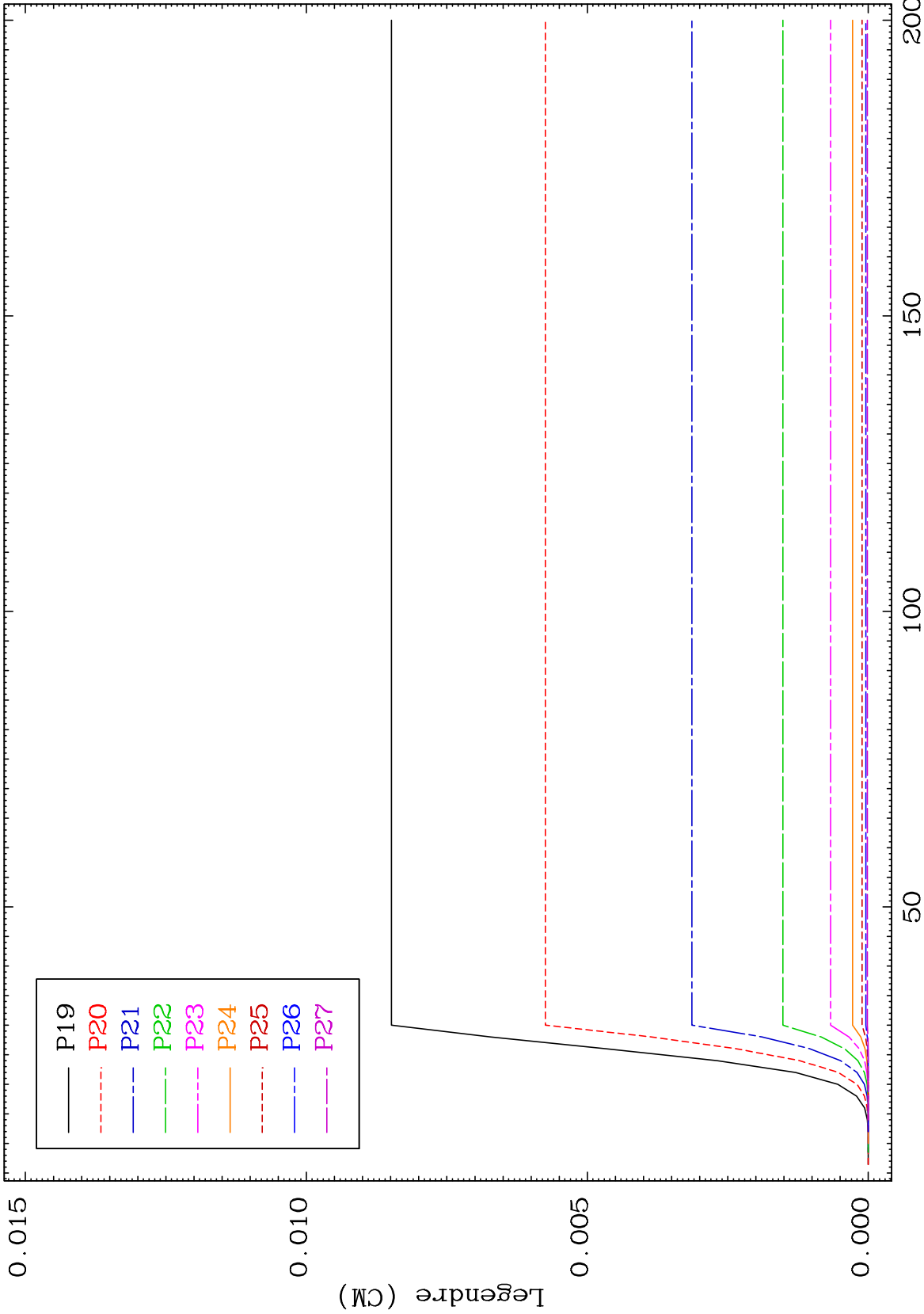
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



42

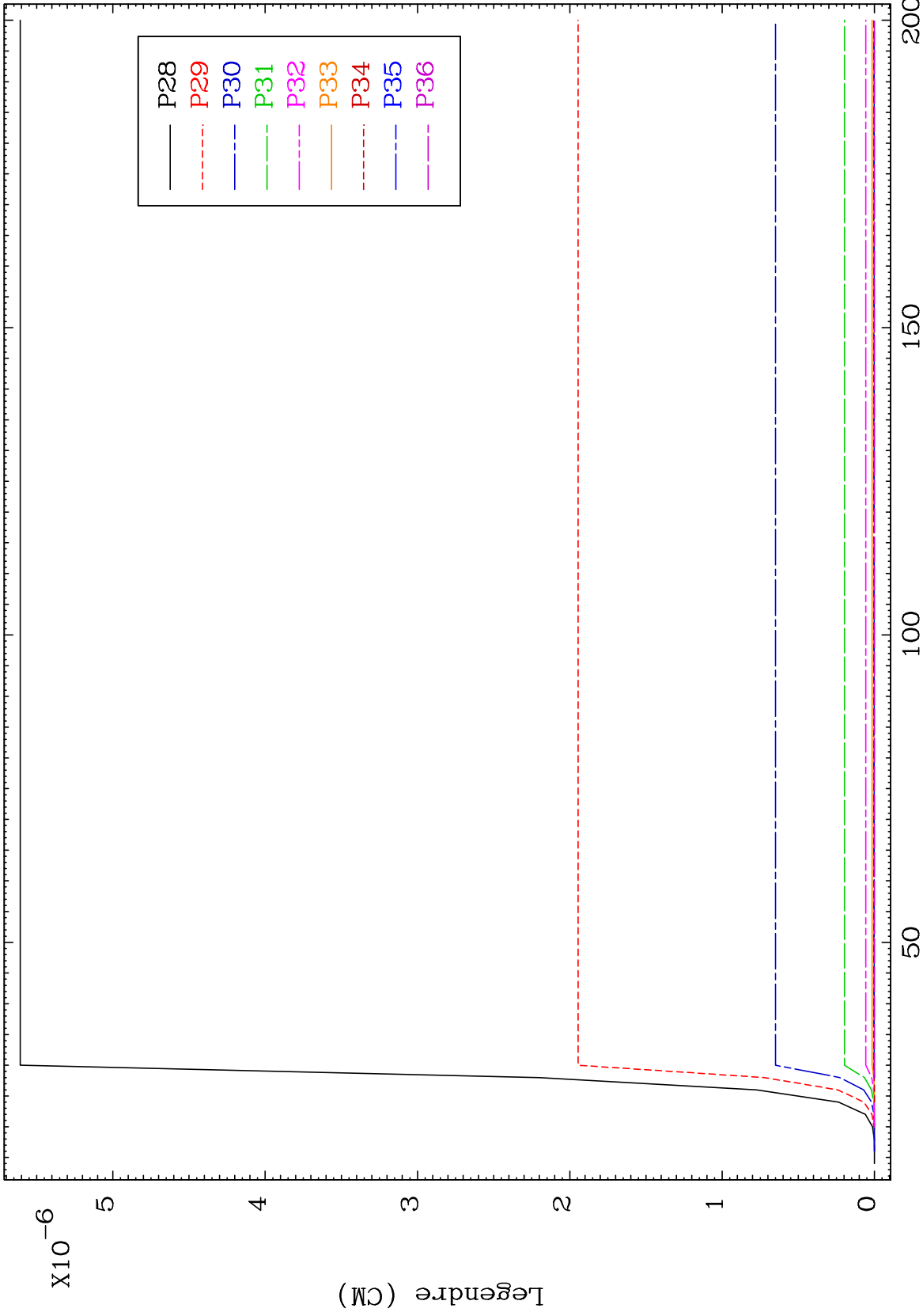
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



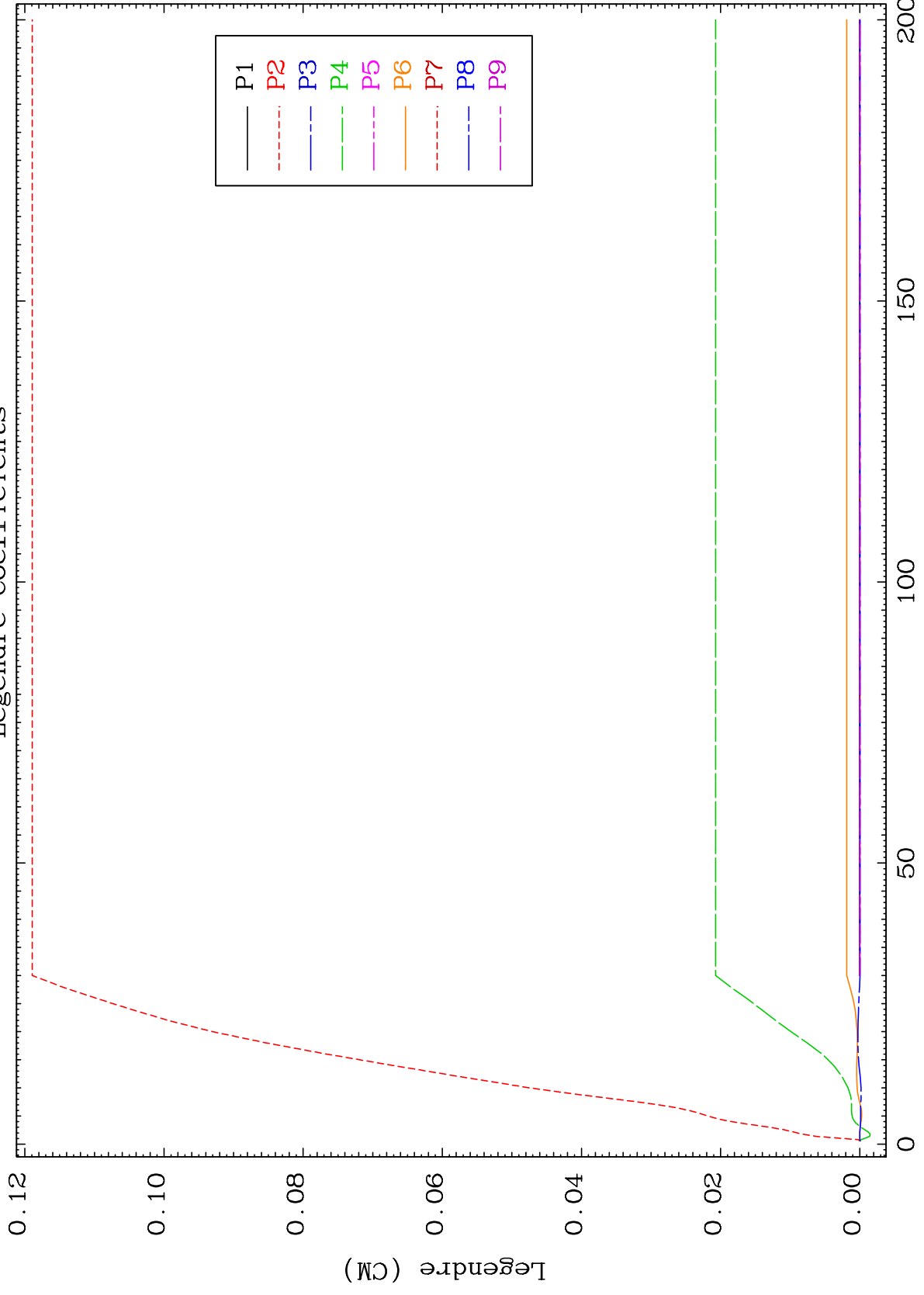
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Incident Energy (MeV)

59-Pr-132

MAT 5898 MT= 59 (n,n') Level Legendre Coefficients

59-Pr-132



59-Pr-132

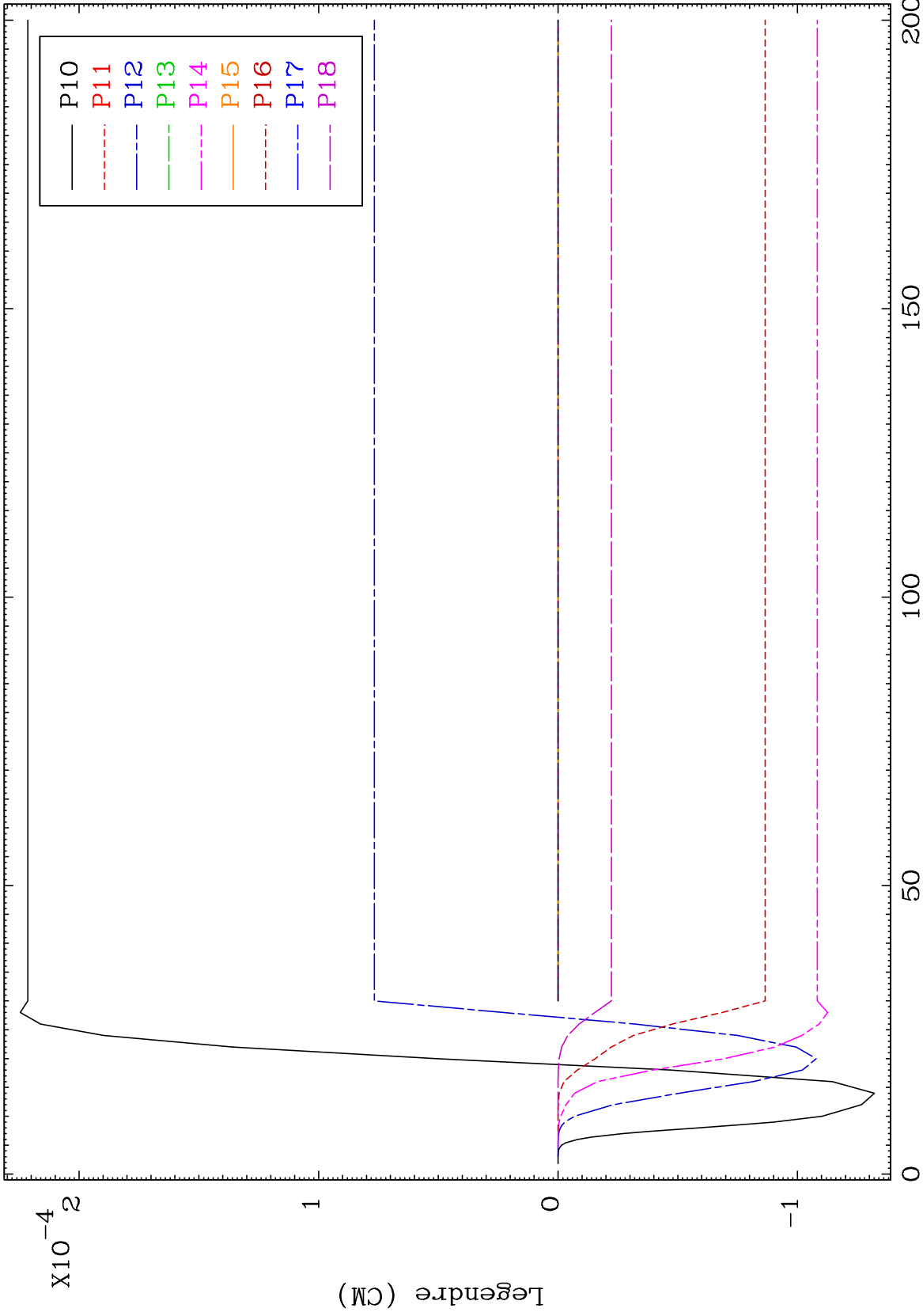
Incident Energy (MeV)

44

MAT 5898

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

59-Pr-132



45

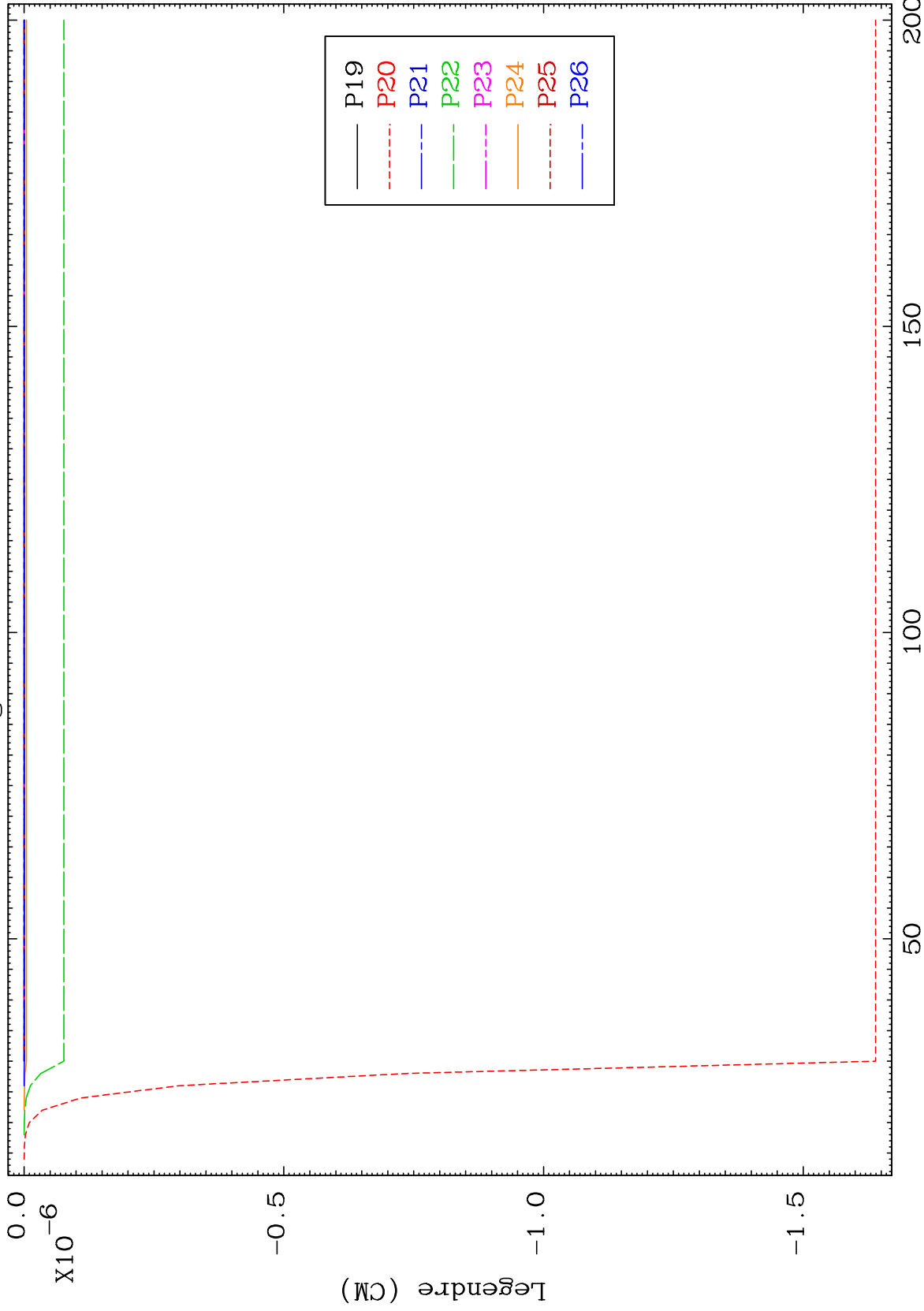
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



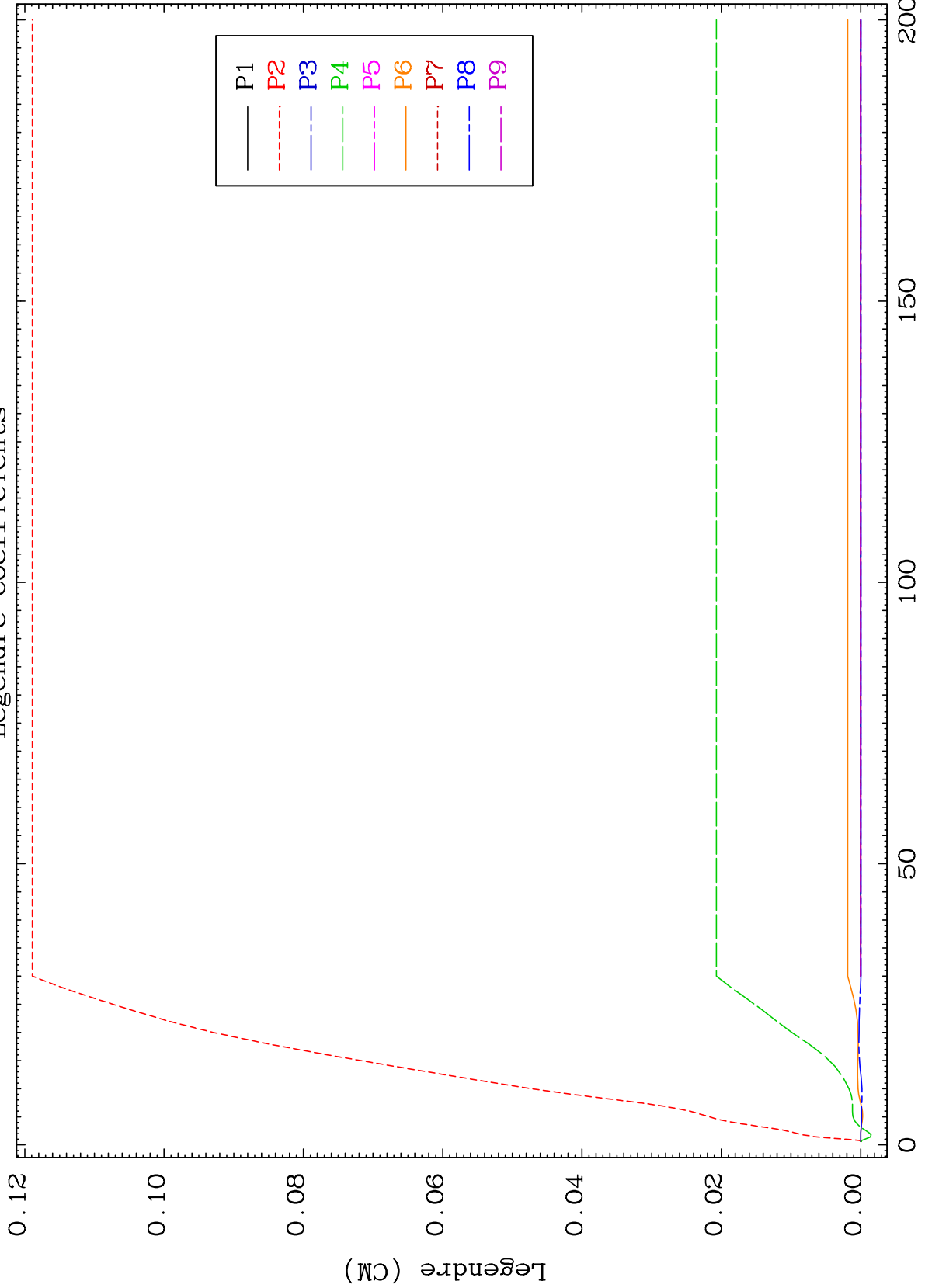
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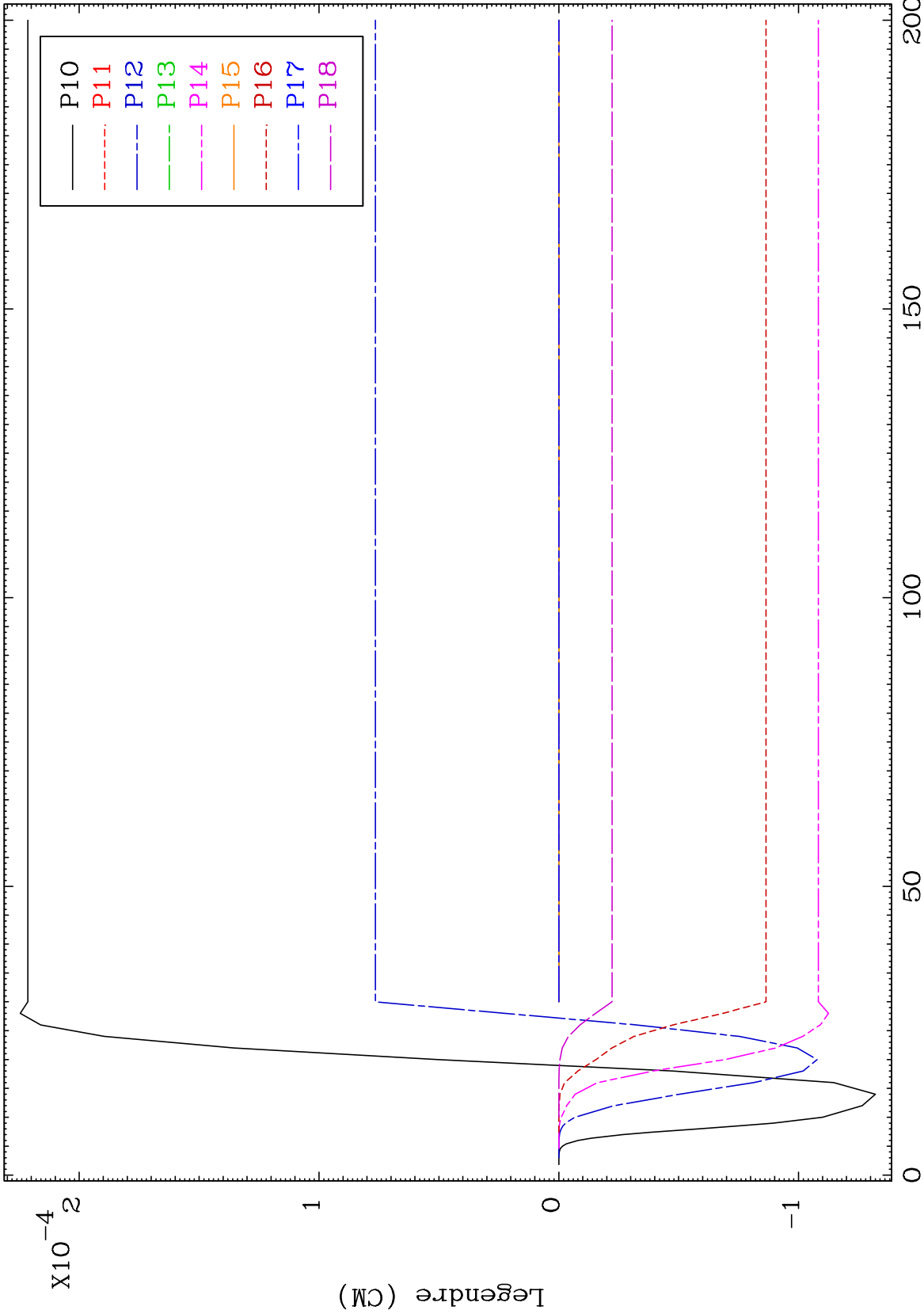
Incident Energy (MeV)

59-Pr-132

MAT 5898 MT= 60 (n,n') Level Legendre Coefficients

59-Pr-132

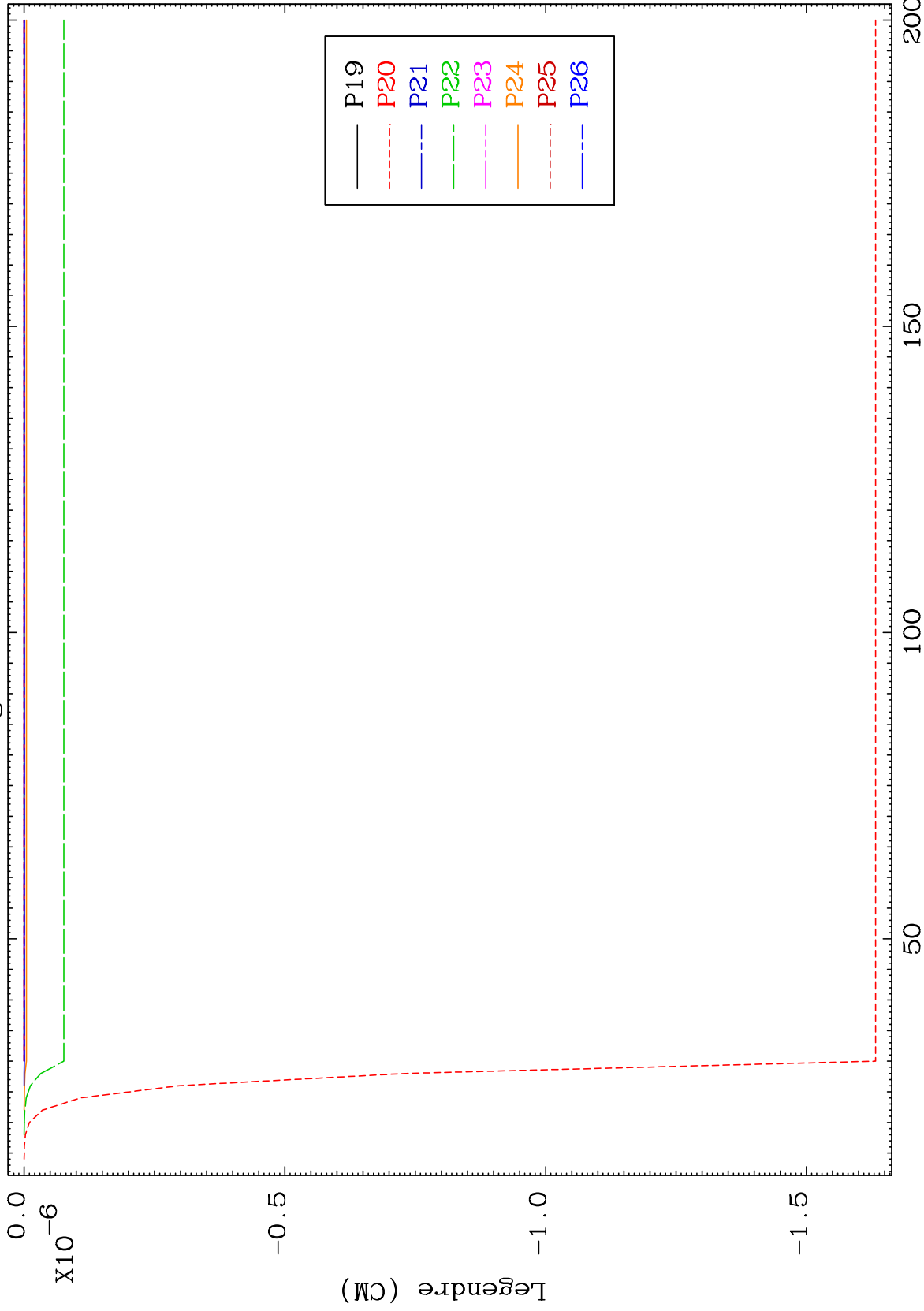




MAT 5898

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

59-Pr-132



49

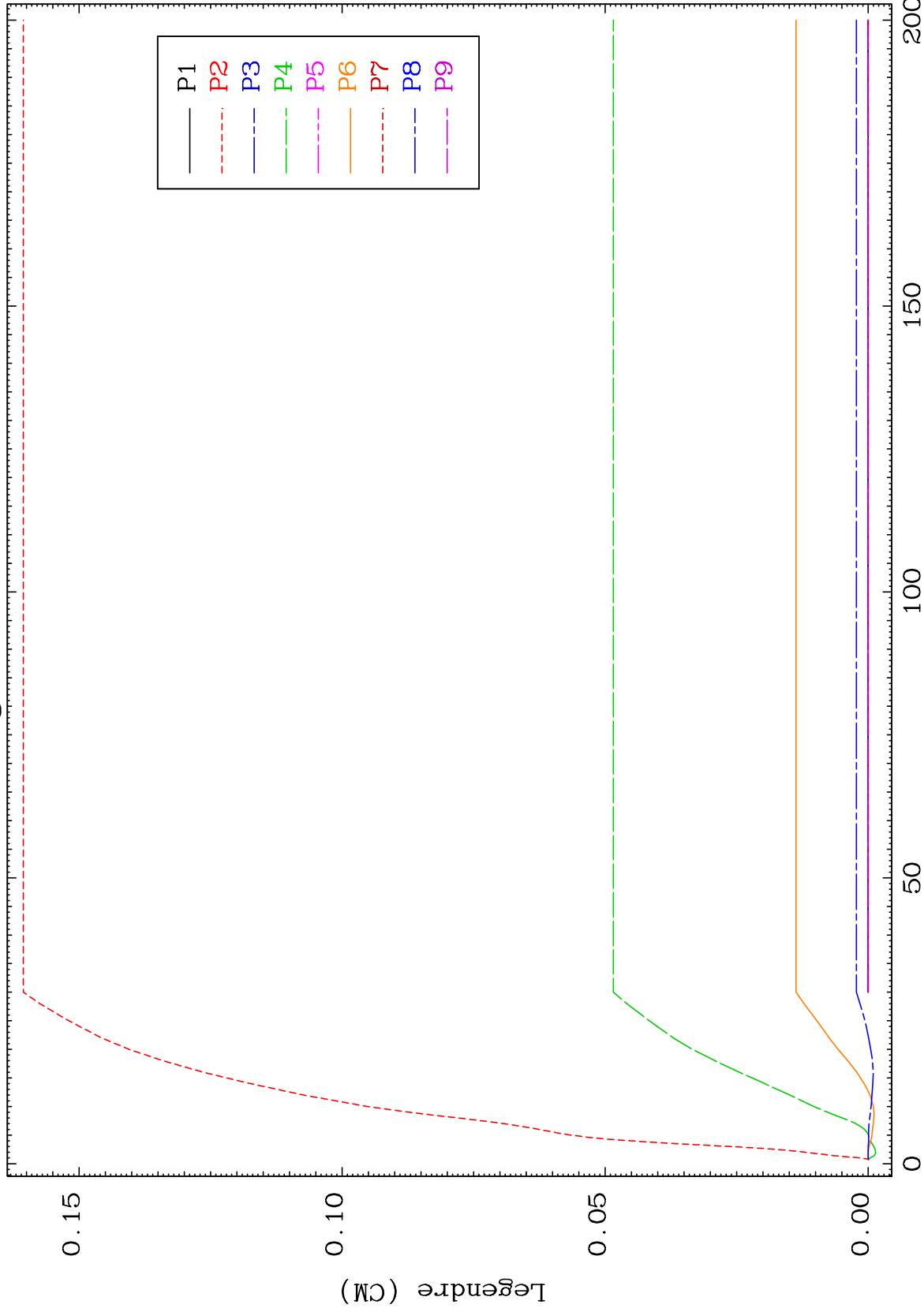
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



50

Incident Energy (MeV)

100

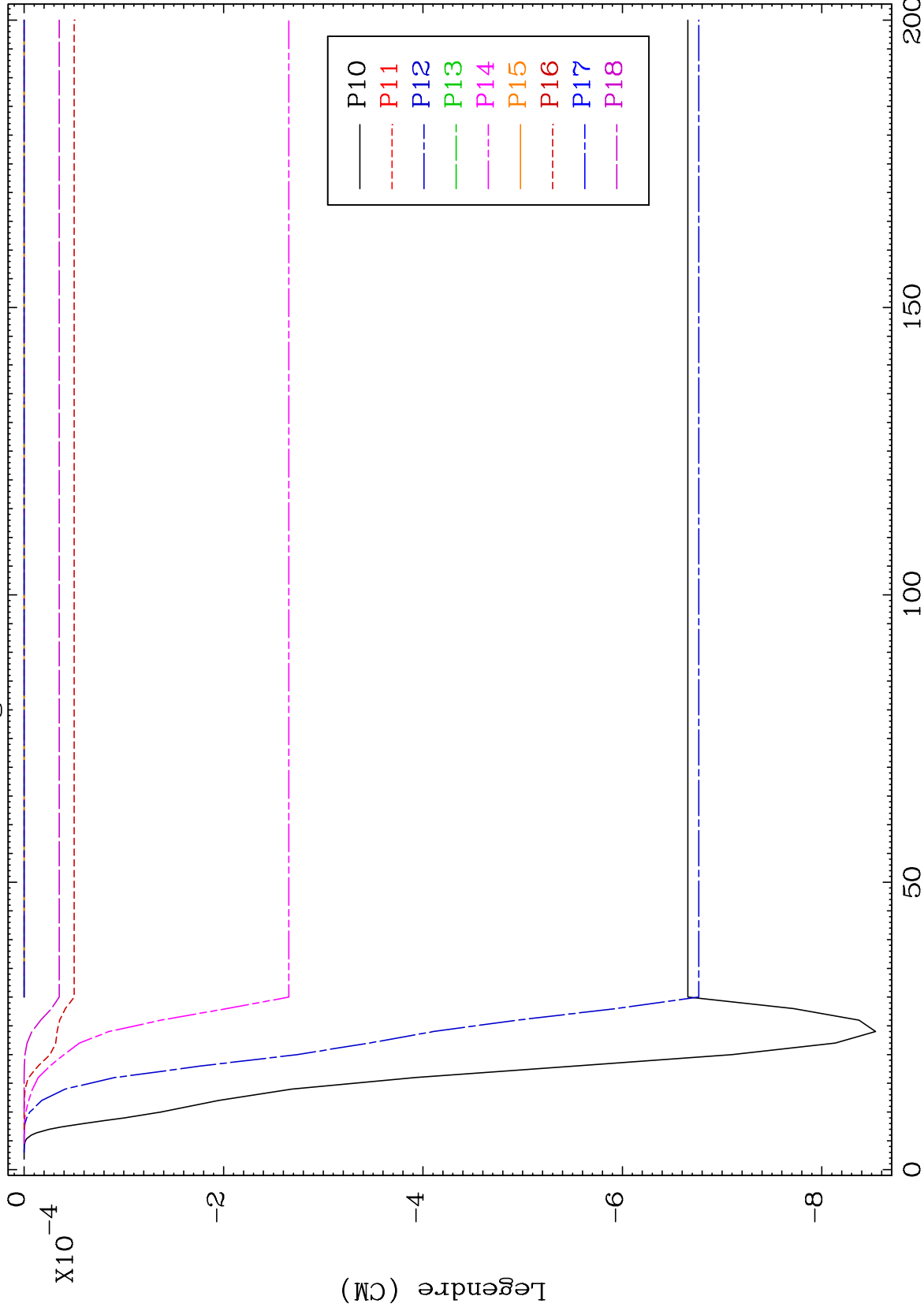
59-Pr-132

200

MAT 5898

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

59-Pr-132



59-Pr-132

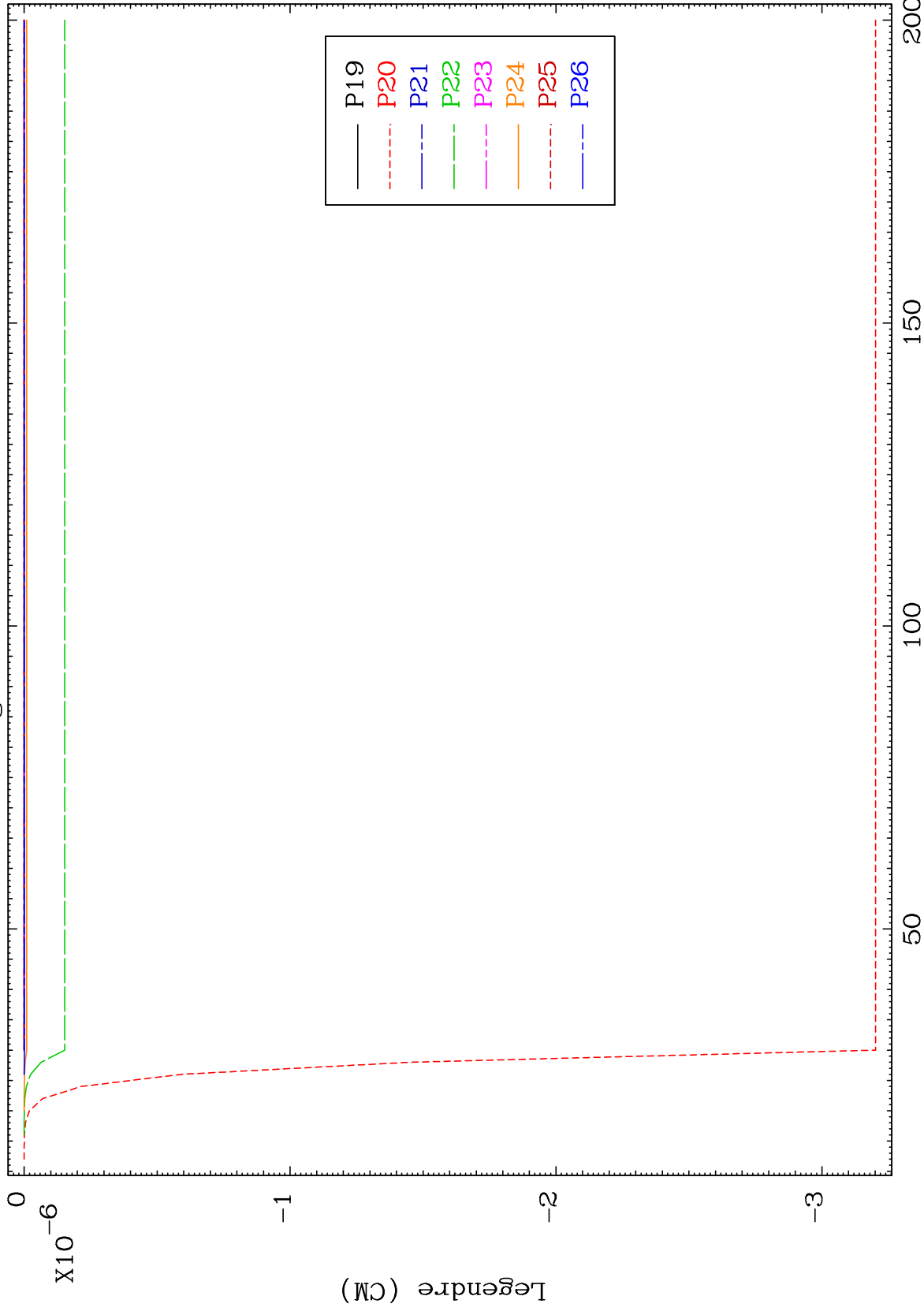
Incident Energy (MeV)

51

MAT 5898

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

59-Pr-132



52

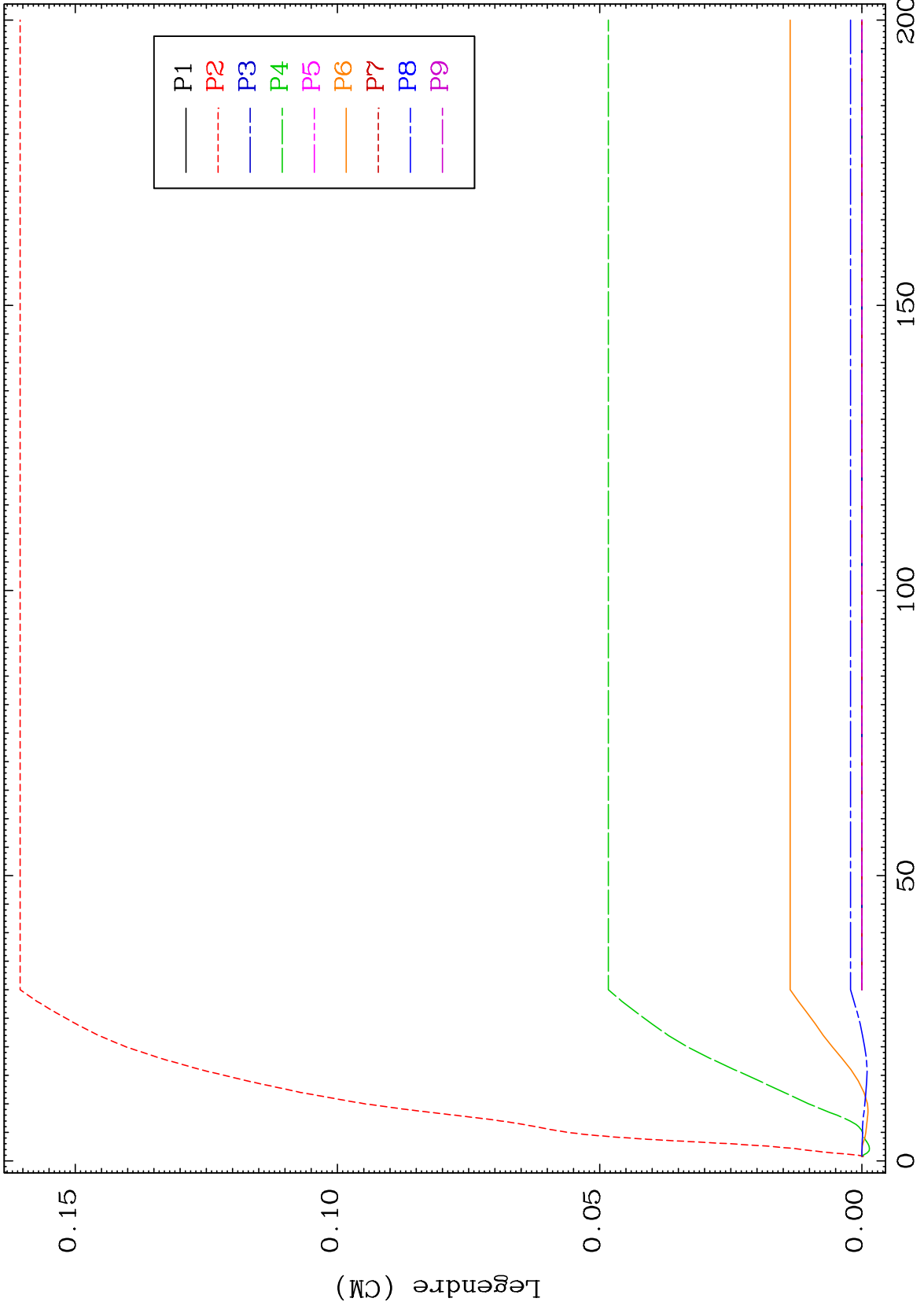
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



53

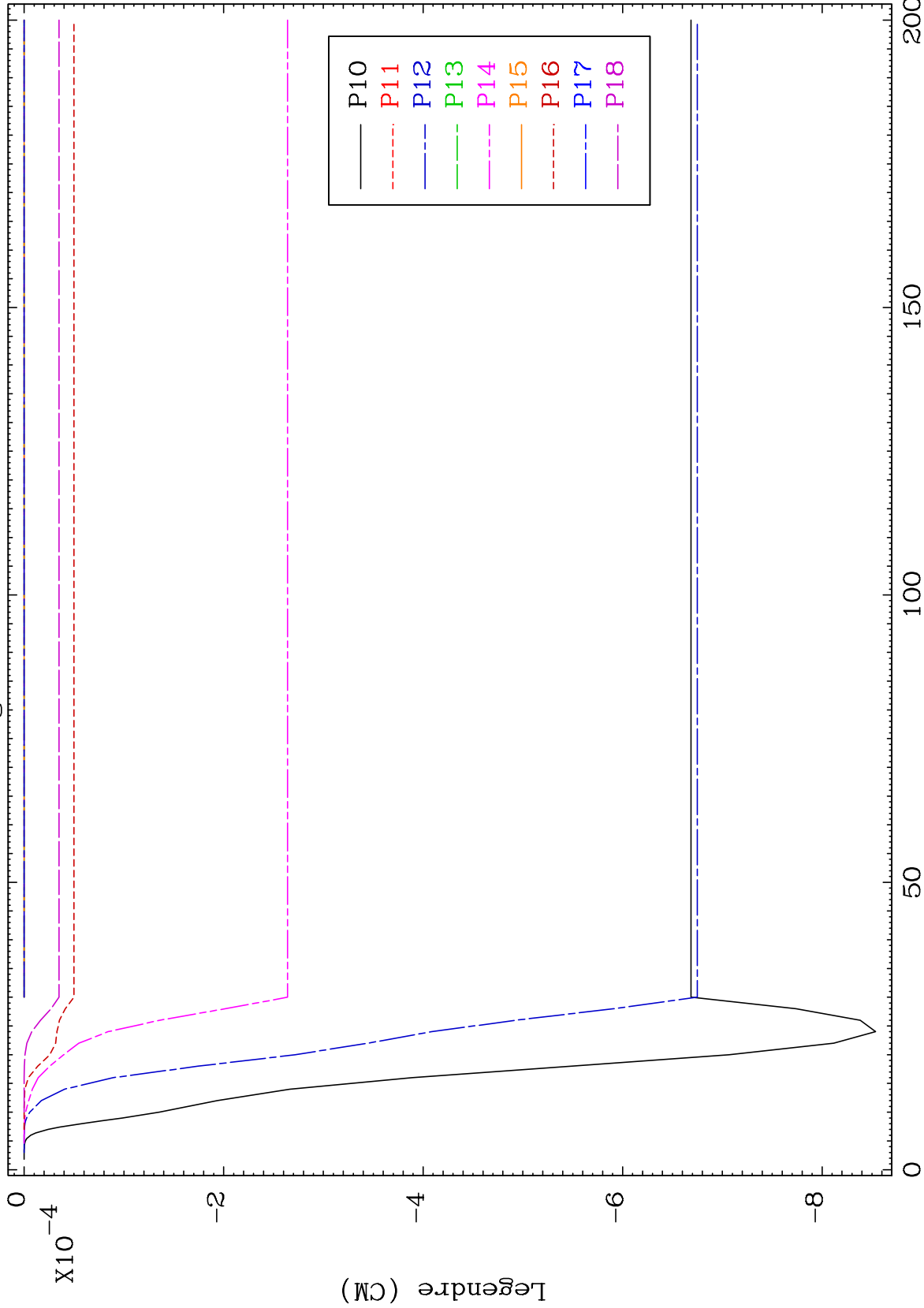
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



54

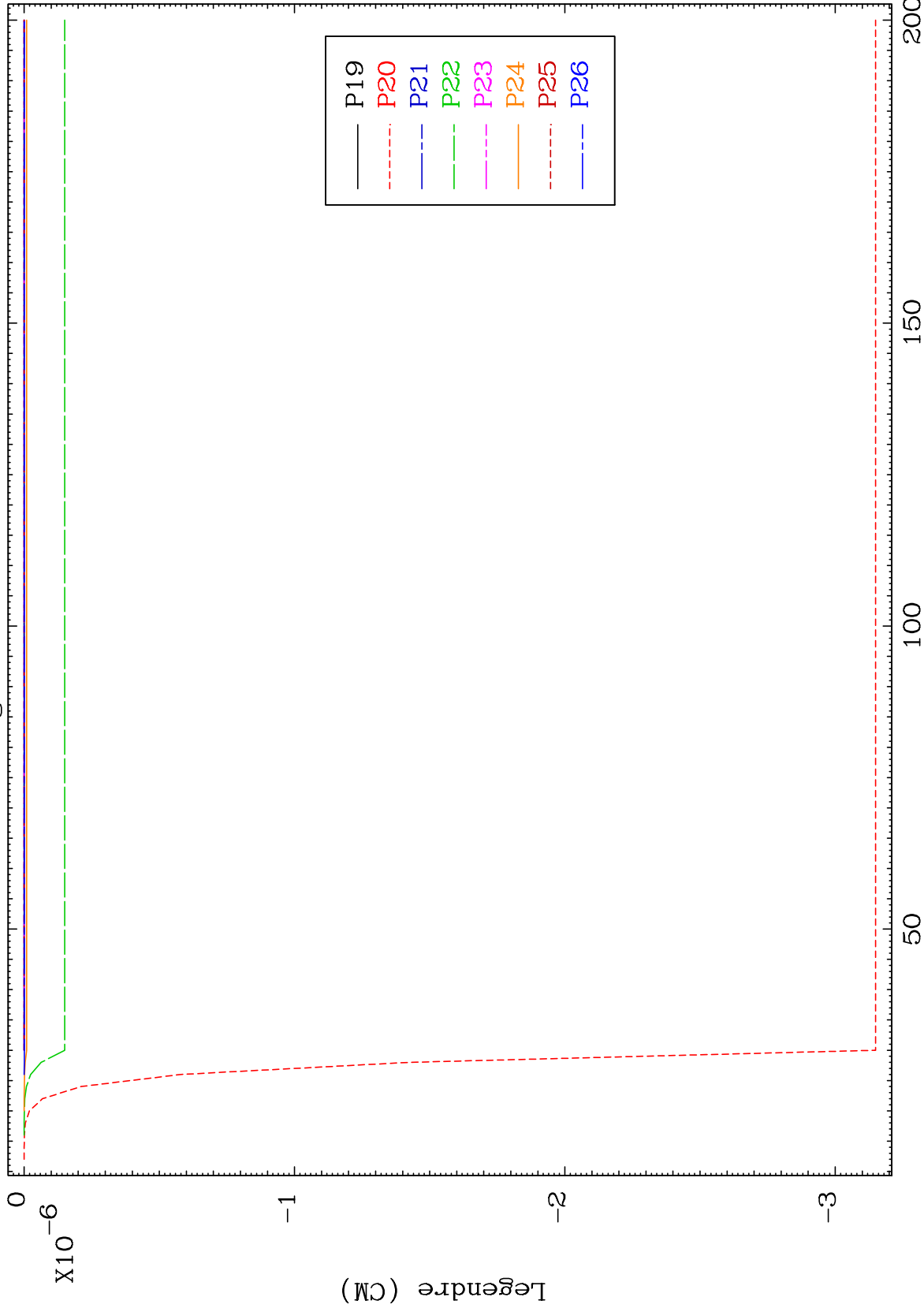
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



55

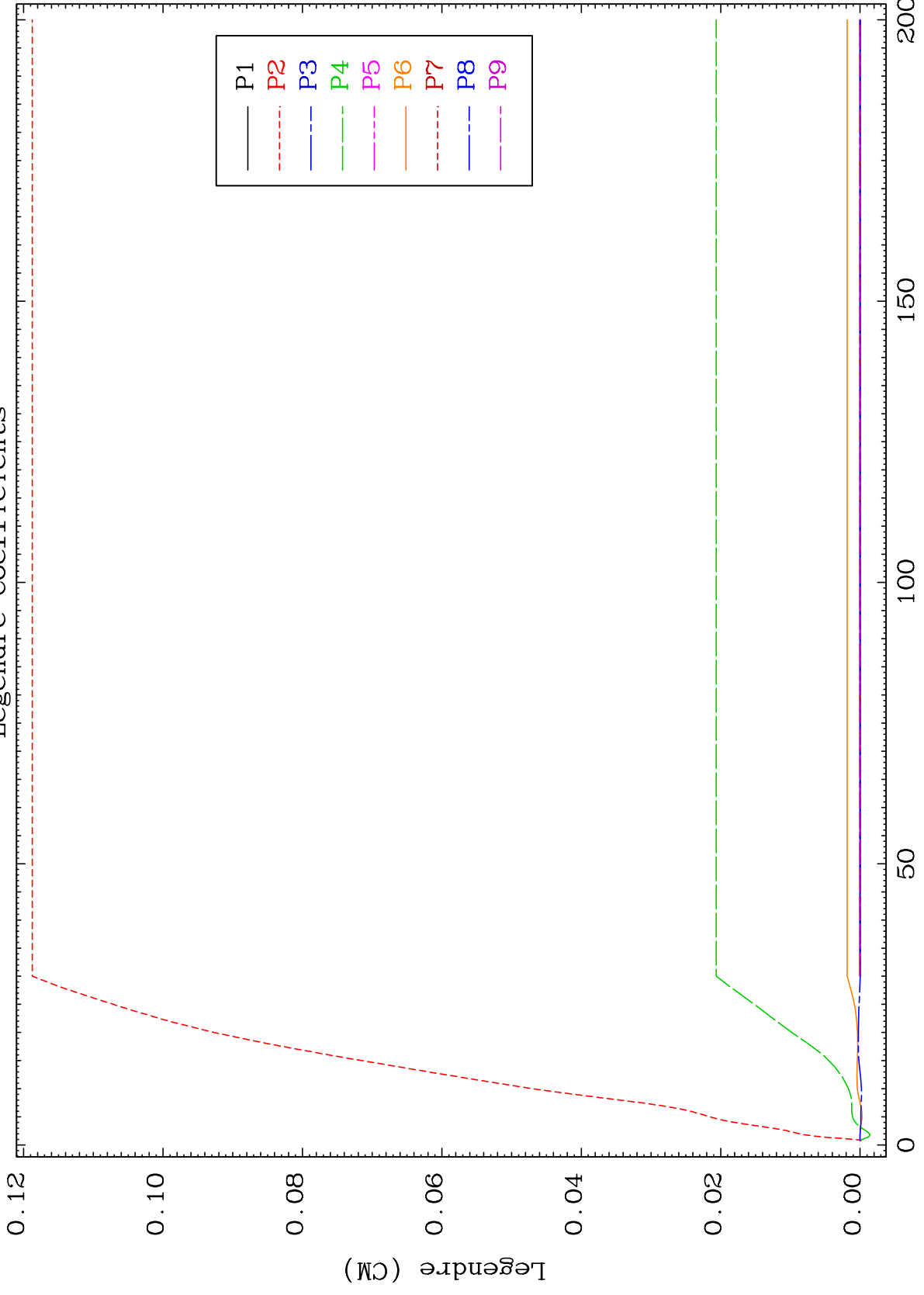
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



56

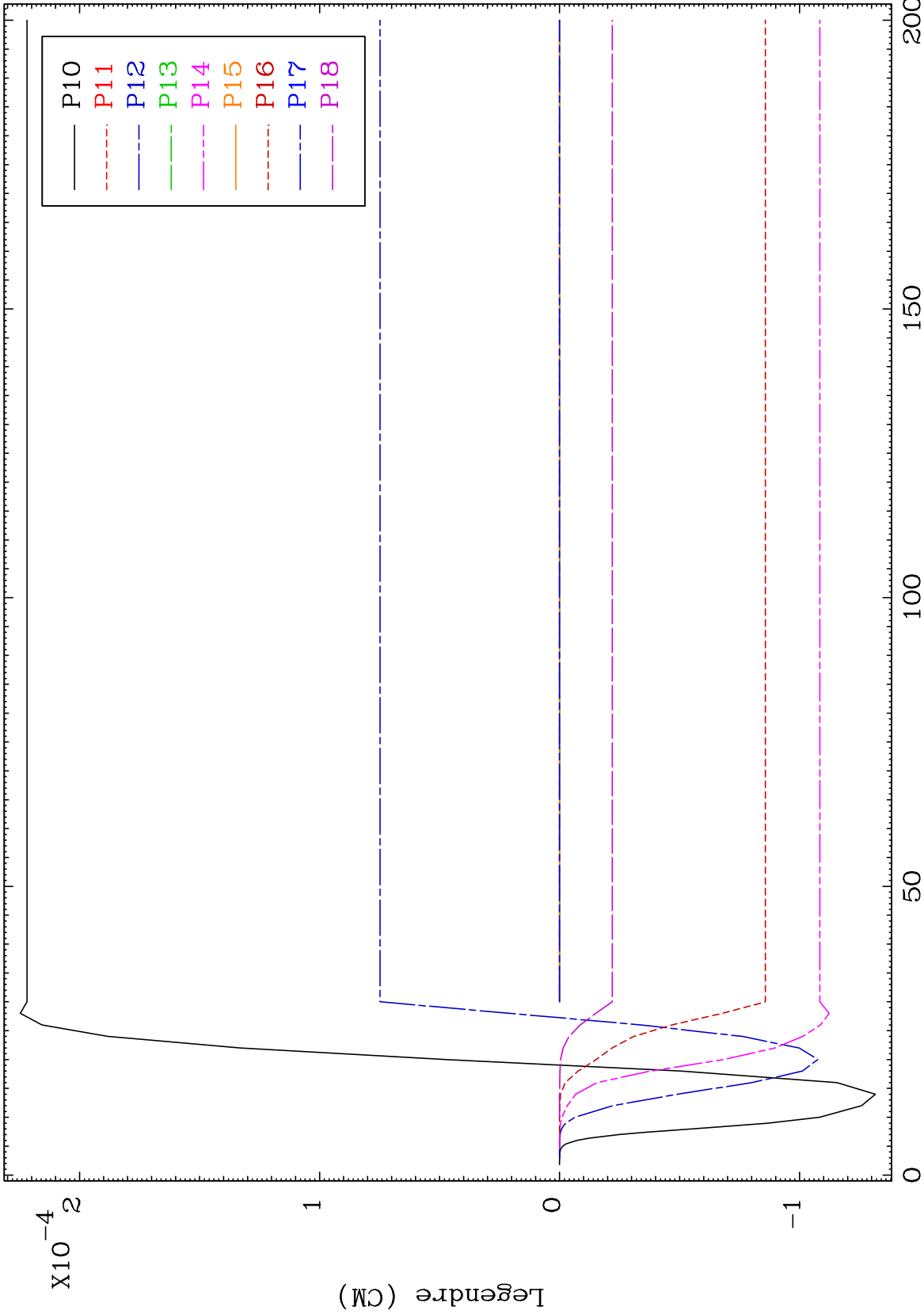
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



57

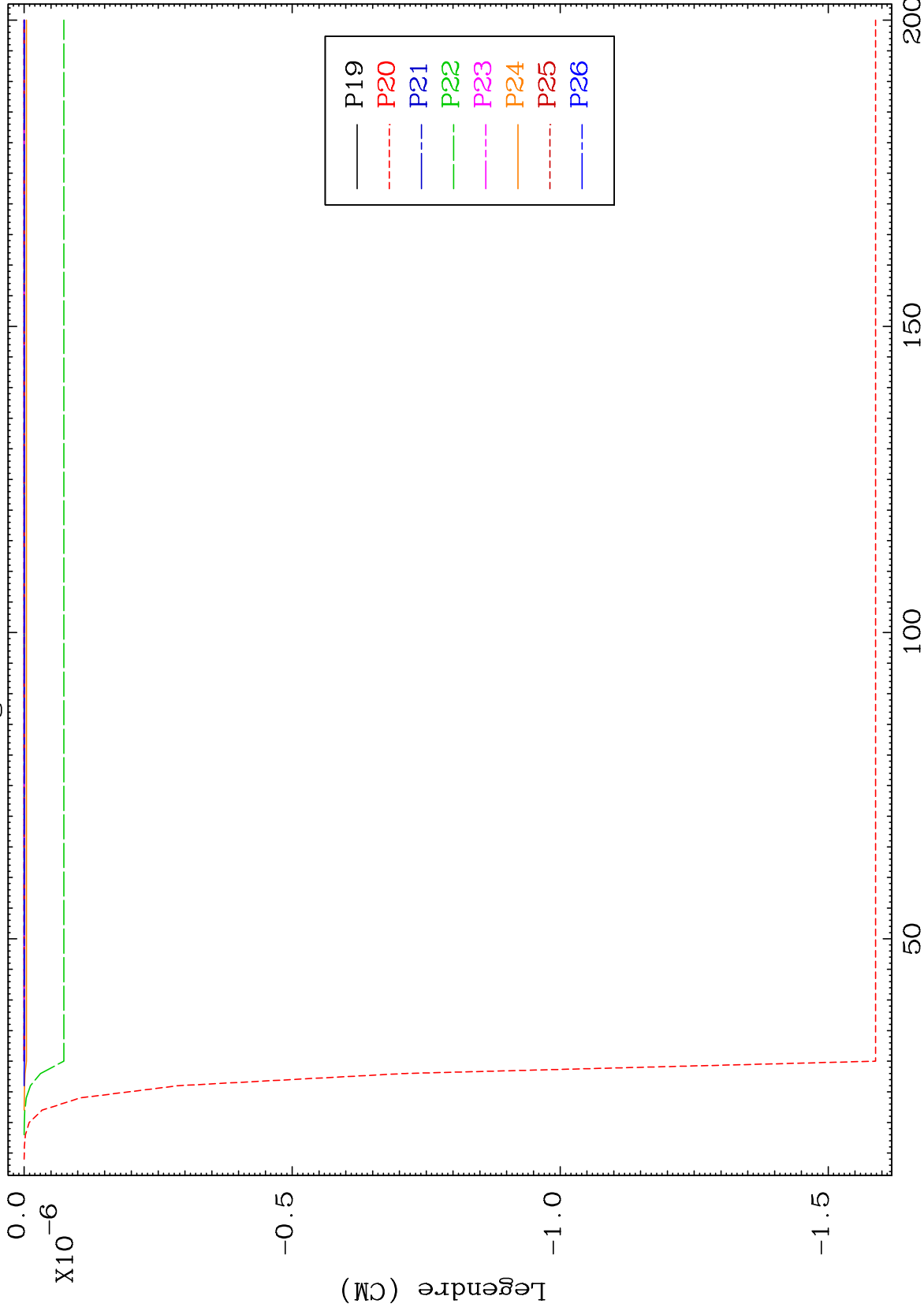
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



58

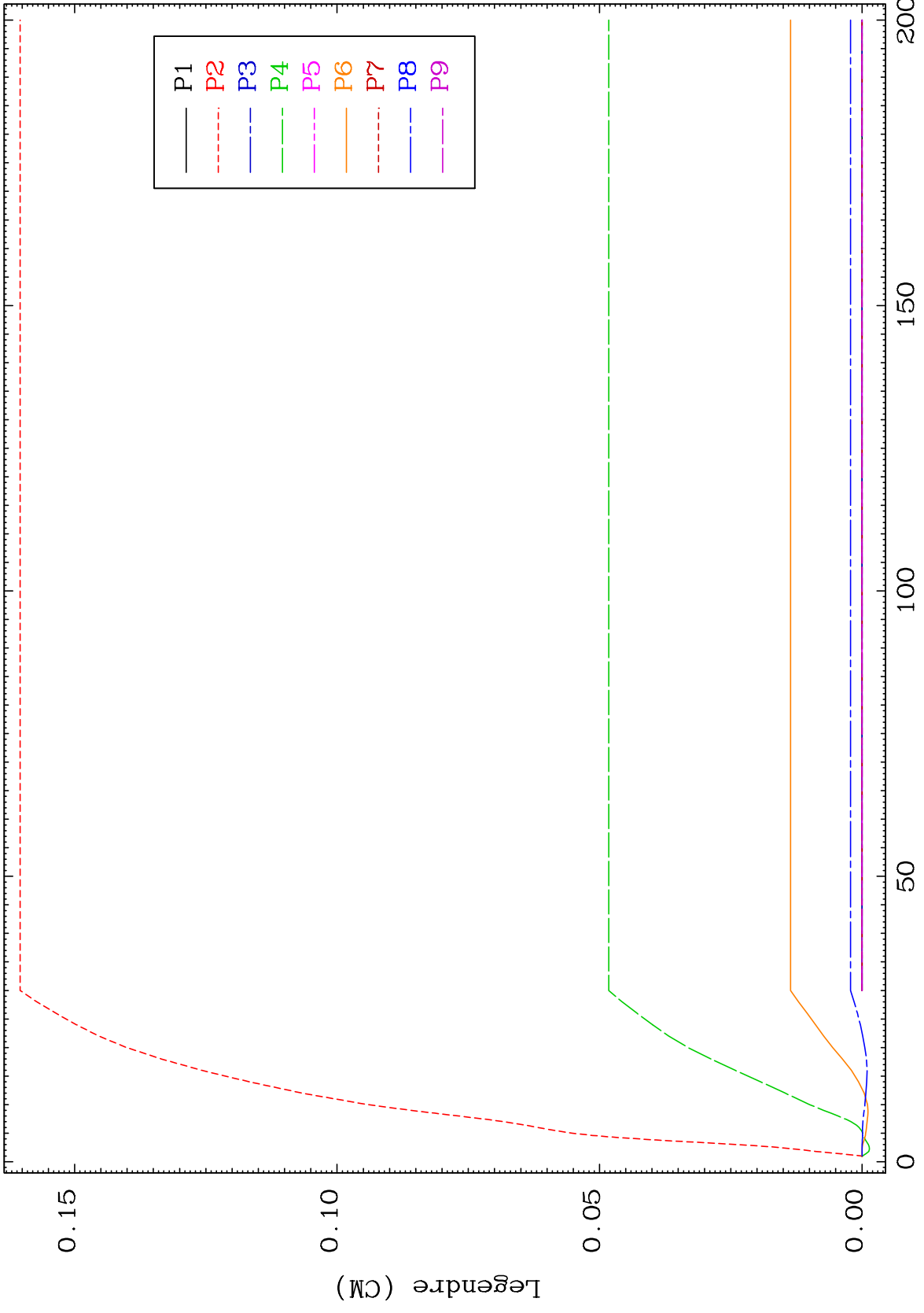
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



59

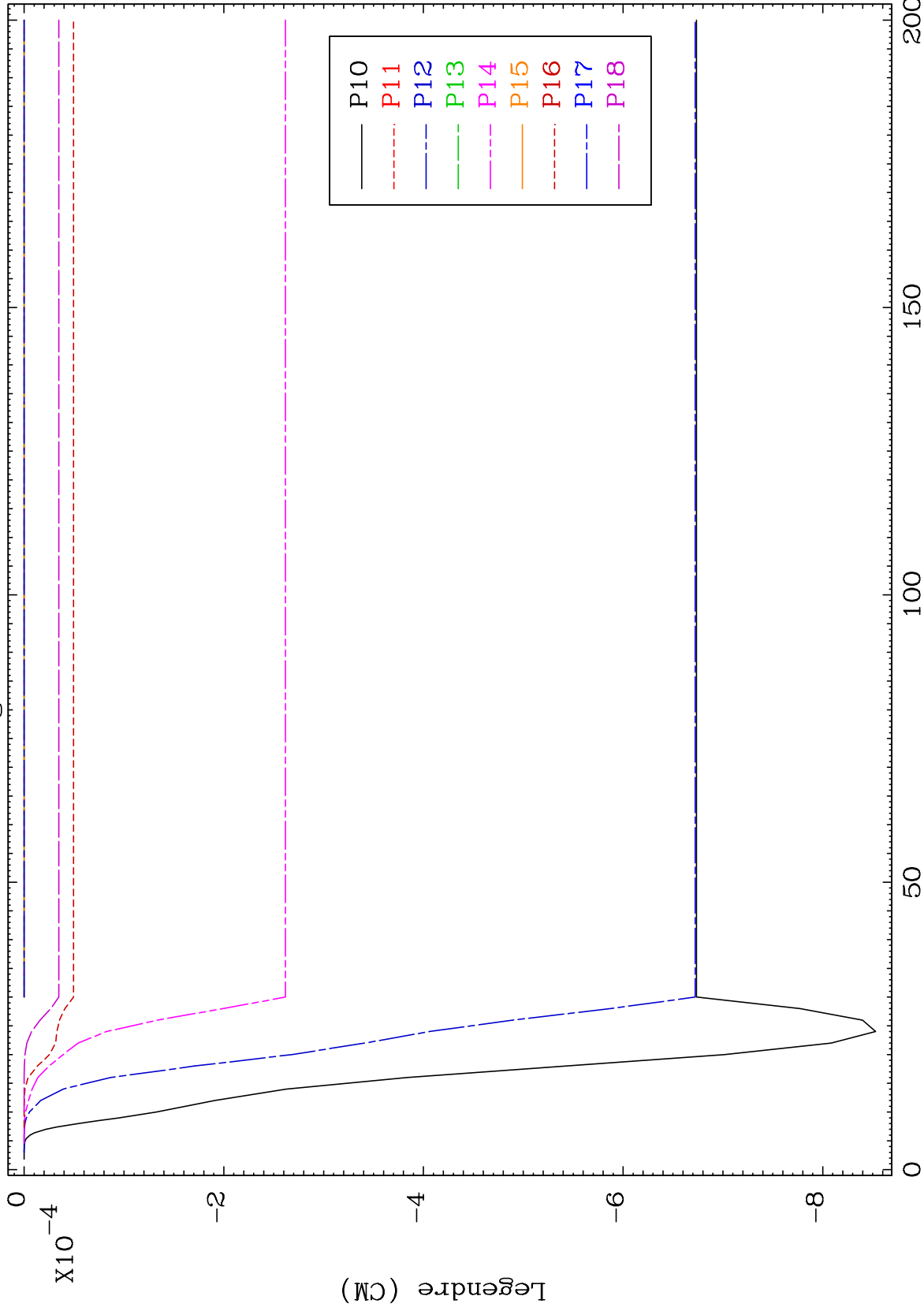
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



60

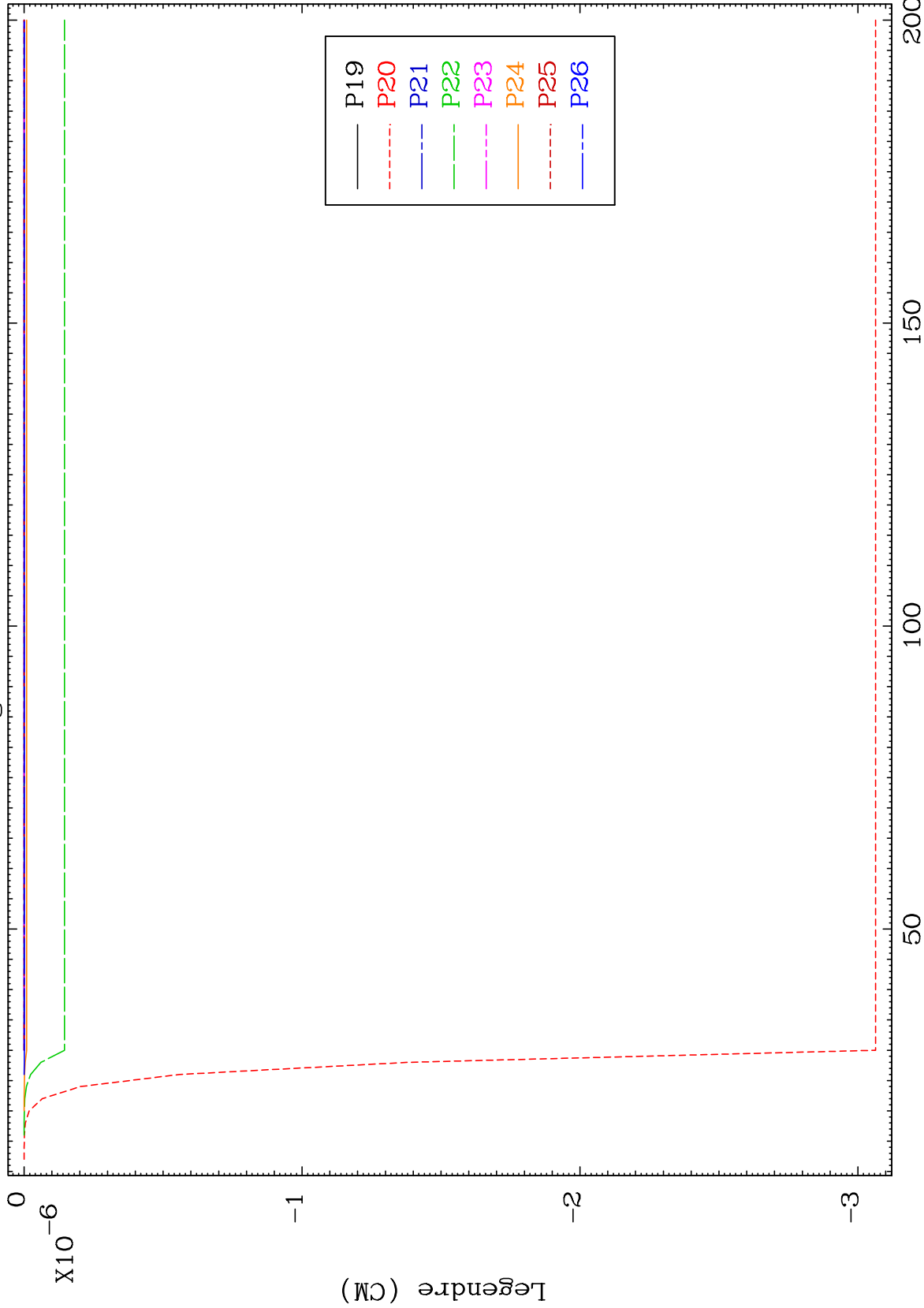
Incident Energy (MeV)

59-Pr-132

MAT 5898

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

59-Pr-132



61

Incident Energy (MeV)

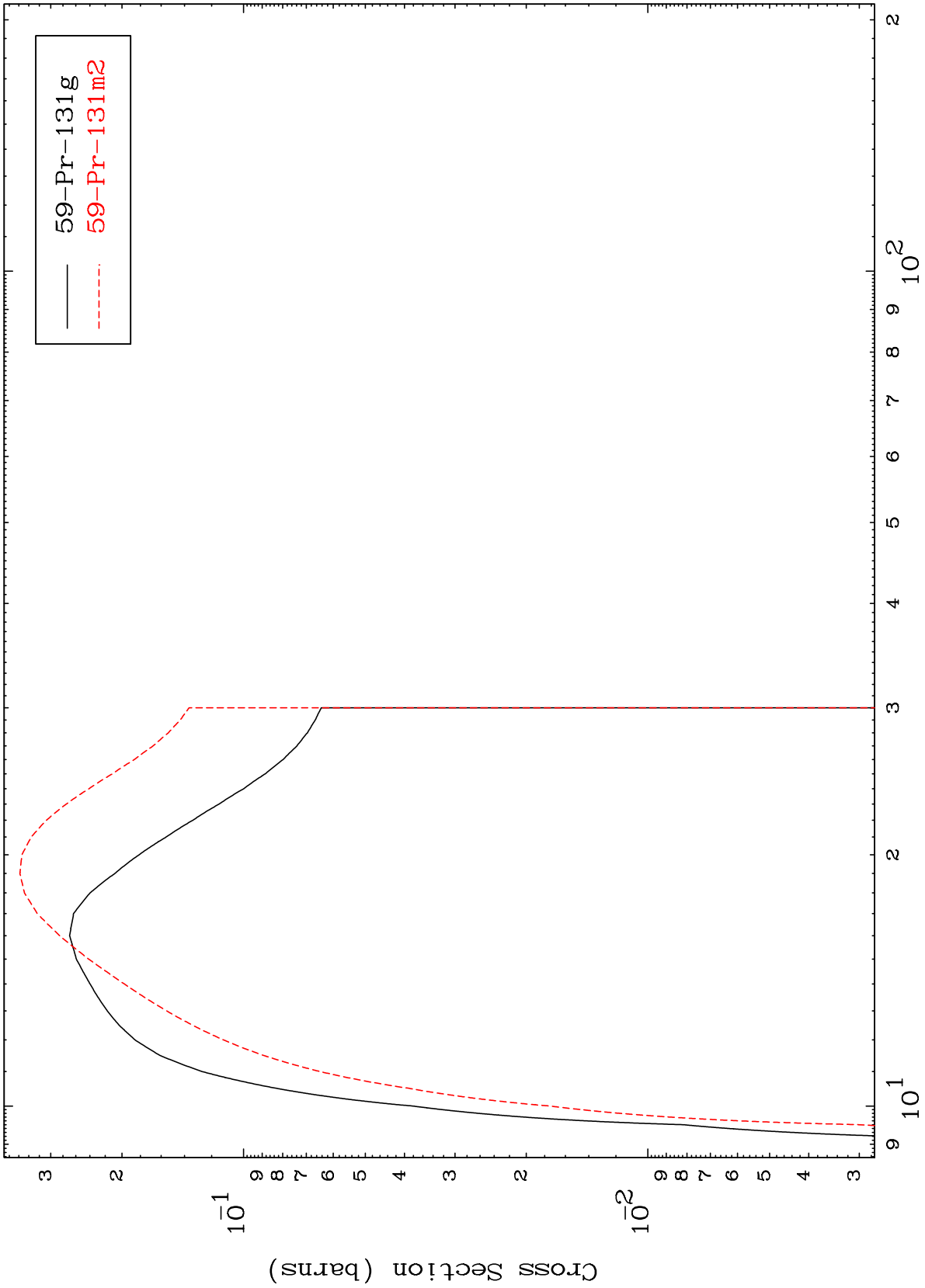
59-Pr-132

MAT 5898

(n,2n)

59-Pr-132

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

62

Incident Energy (MeV)

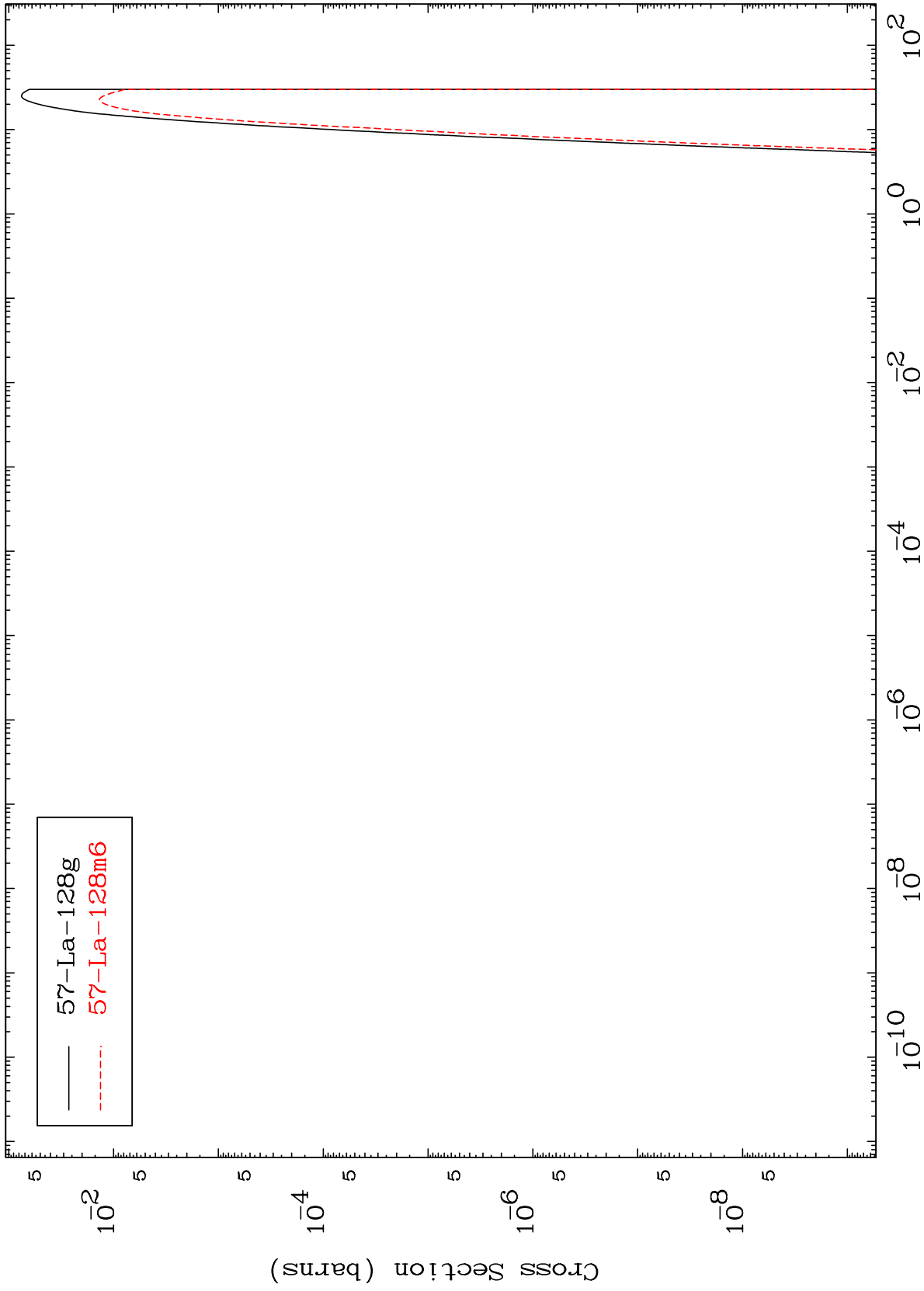
59-Pr-132

MAT 5898

(n,n') α

59-Pr-132

Radionuclide Production Cross Section



63

Incident Energy (MeV)

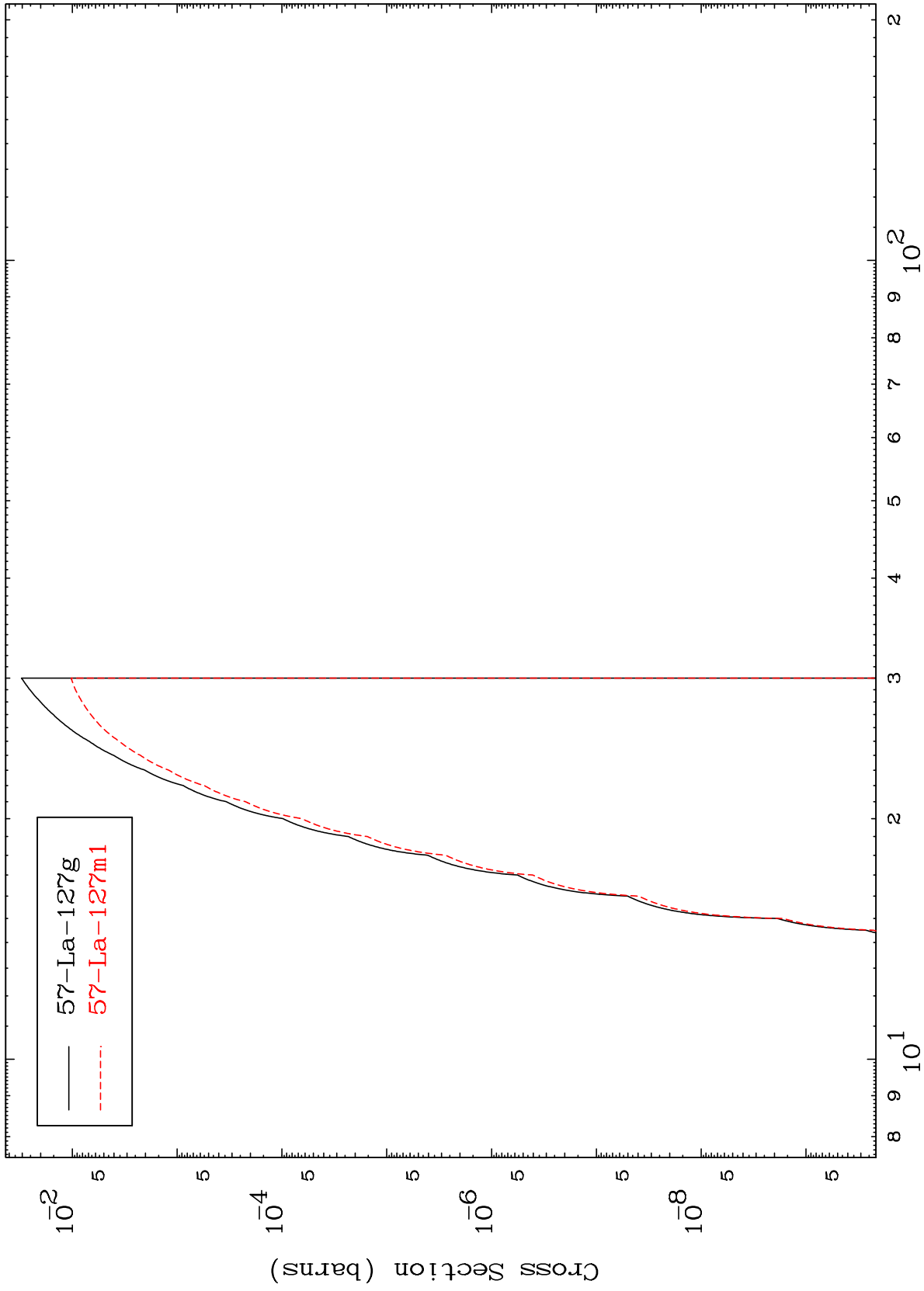
59-Pr-132

MAT 5898

(n,2n) α

59-Pr-132

Radionuclide Production Cross Section



64

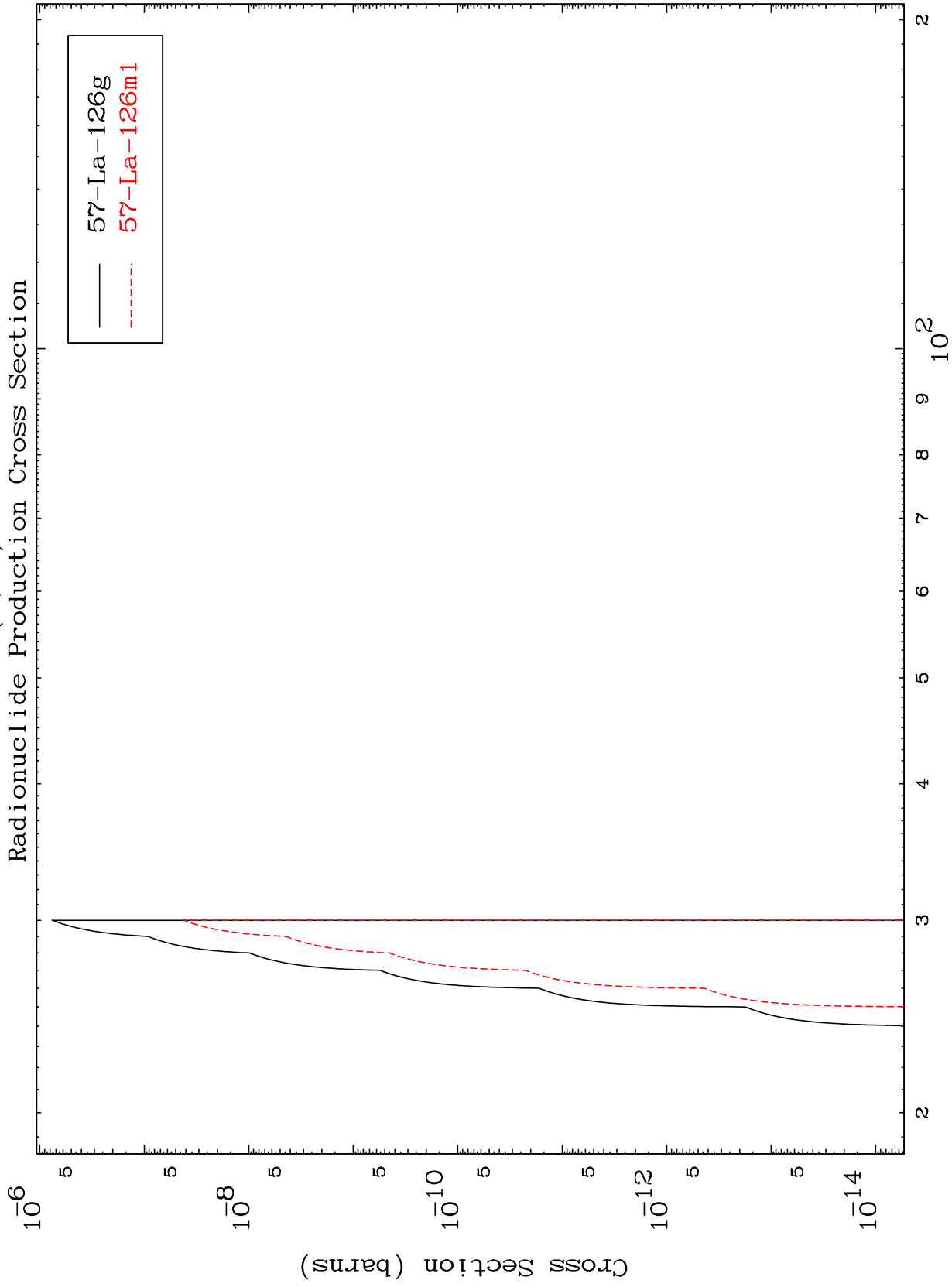
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,3n) α

59-Pr-132



65

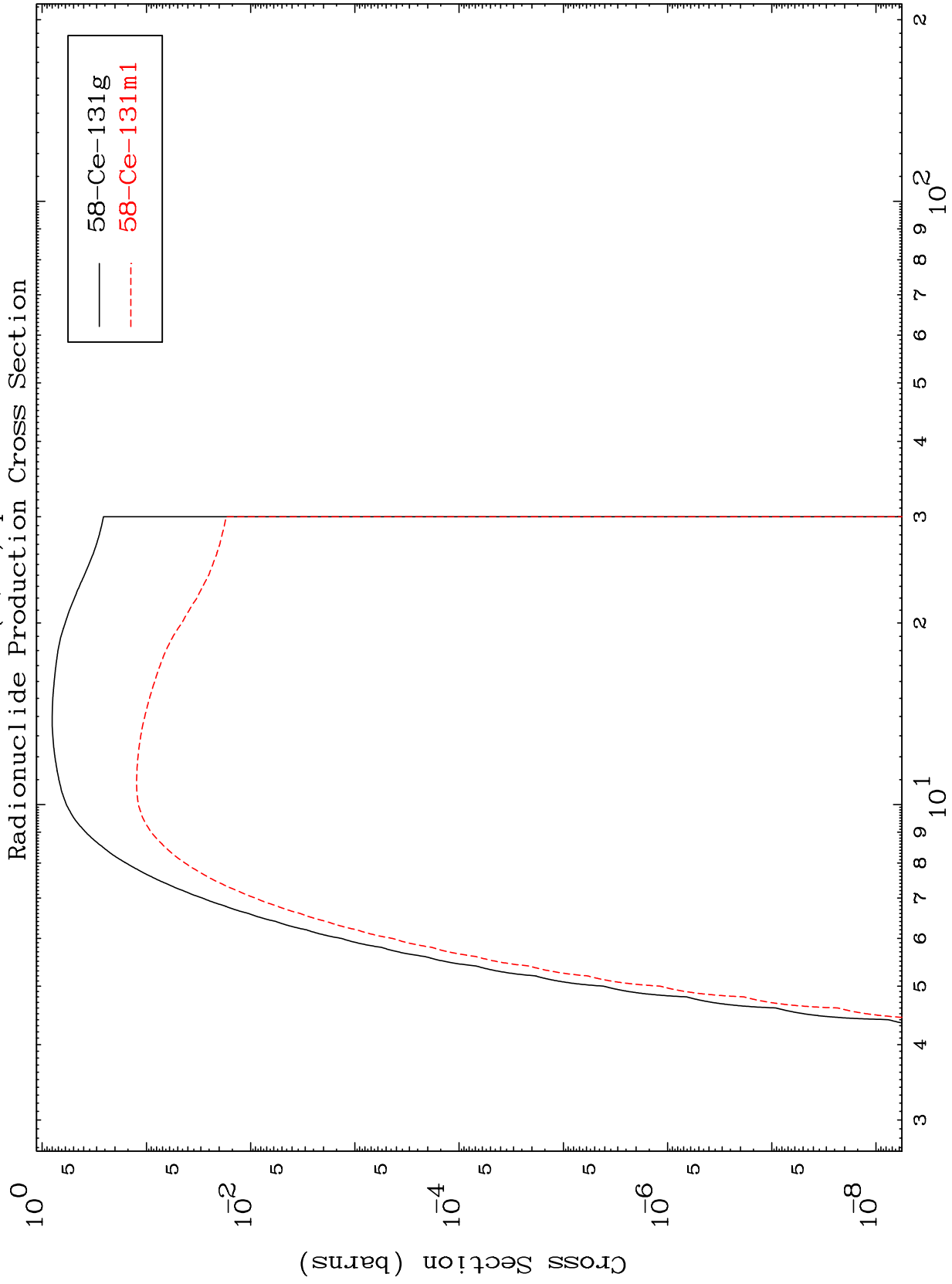
Incident Energy (MeV)

59-Pr-132

MAT 5898

(n,n') p

59-Pr-132



66

Incident Energy (MeV)

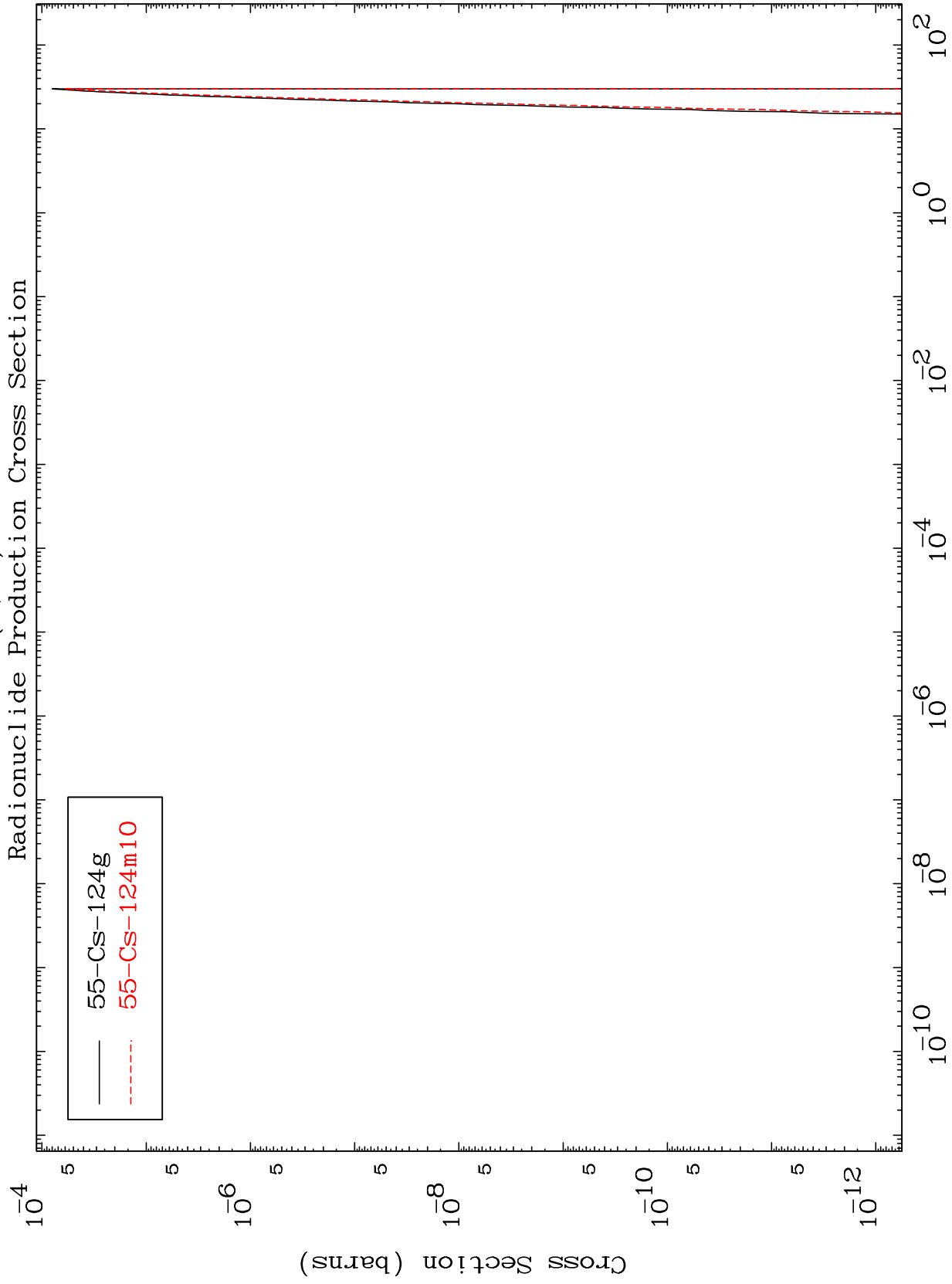
59-Pr-132

MAT 5898

(n,n') 2 α

59-Pr-132

Radionuclide Production Cross Section



67

Incident Energy (MeV)

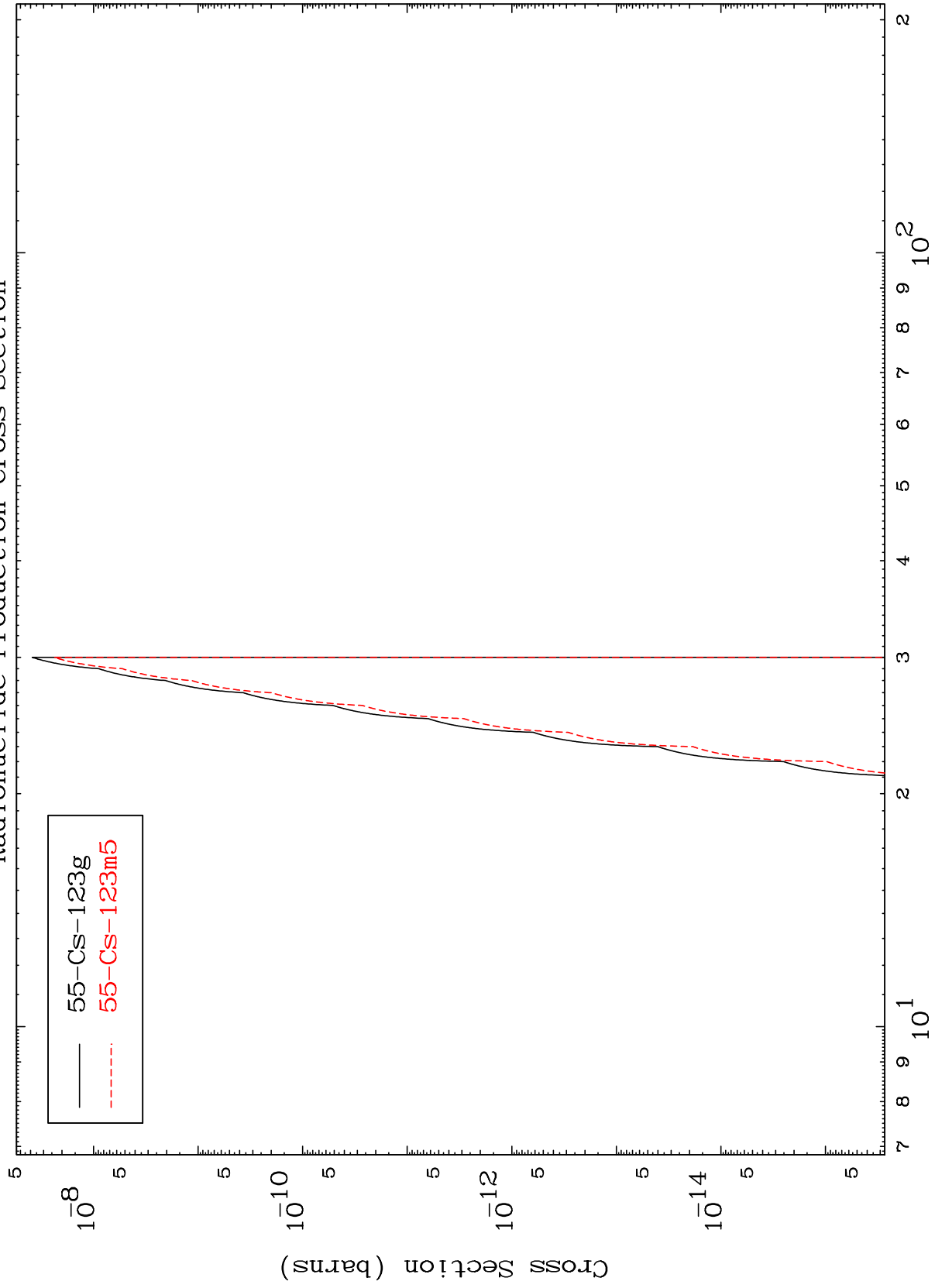
59-Pr-132

MAT 5898

(n,2n) 2α

59-Pr-132

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

68

Incident Energy (MeV)

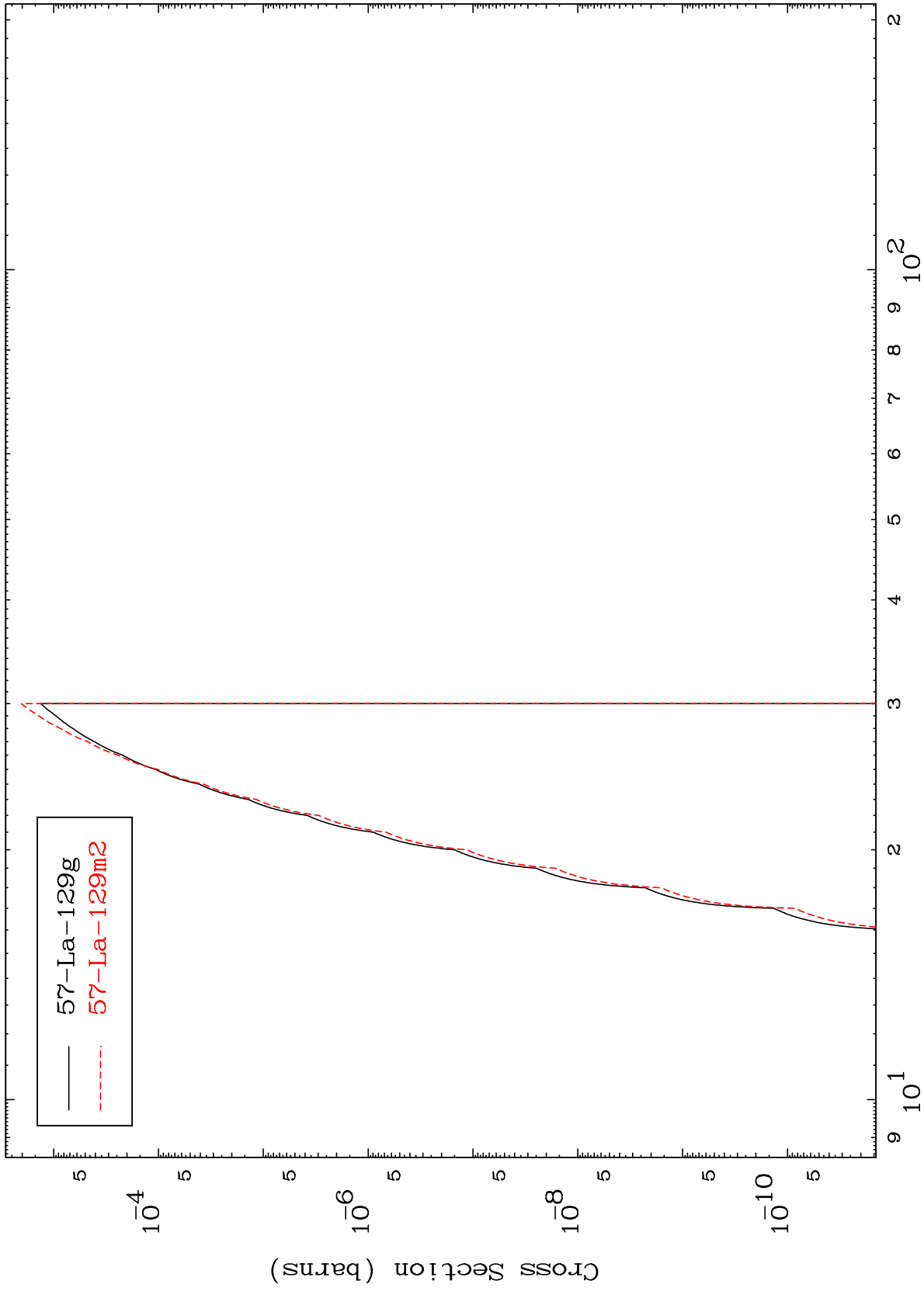
59-Pr-132

MAT 5898

(n, n') He-3

59-Pr-132

Radionuclide Production Cross Section



69

Incident Energy (MeV)

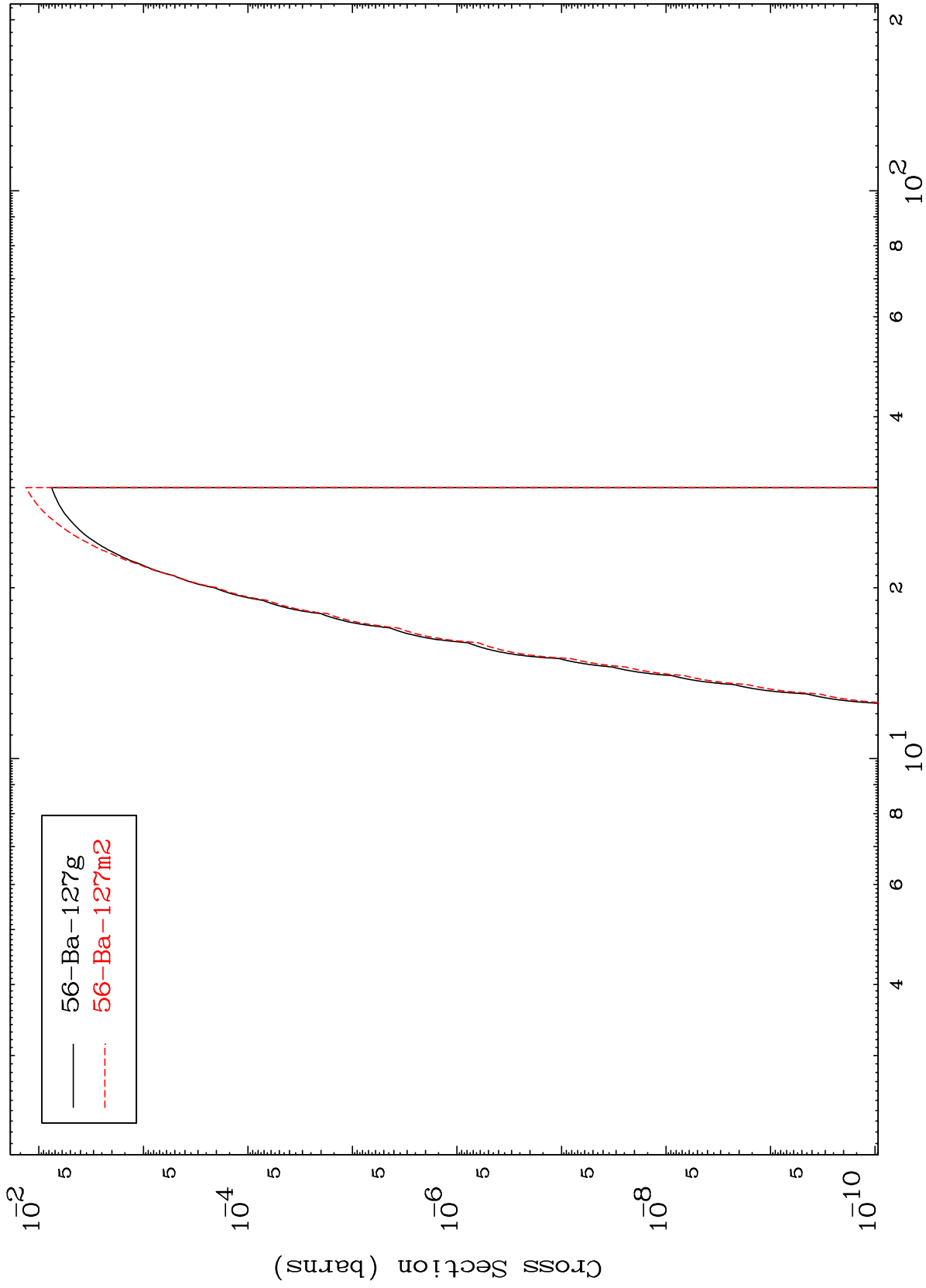
59-Pr-132

MAT 5898

(n,n') p α

59-Pr-132

Radionuclide Production Cross Section



70

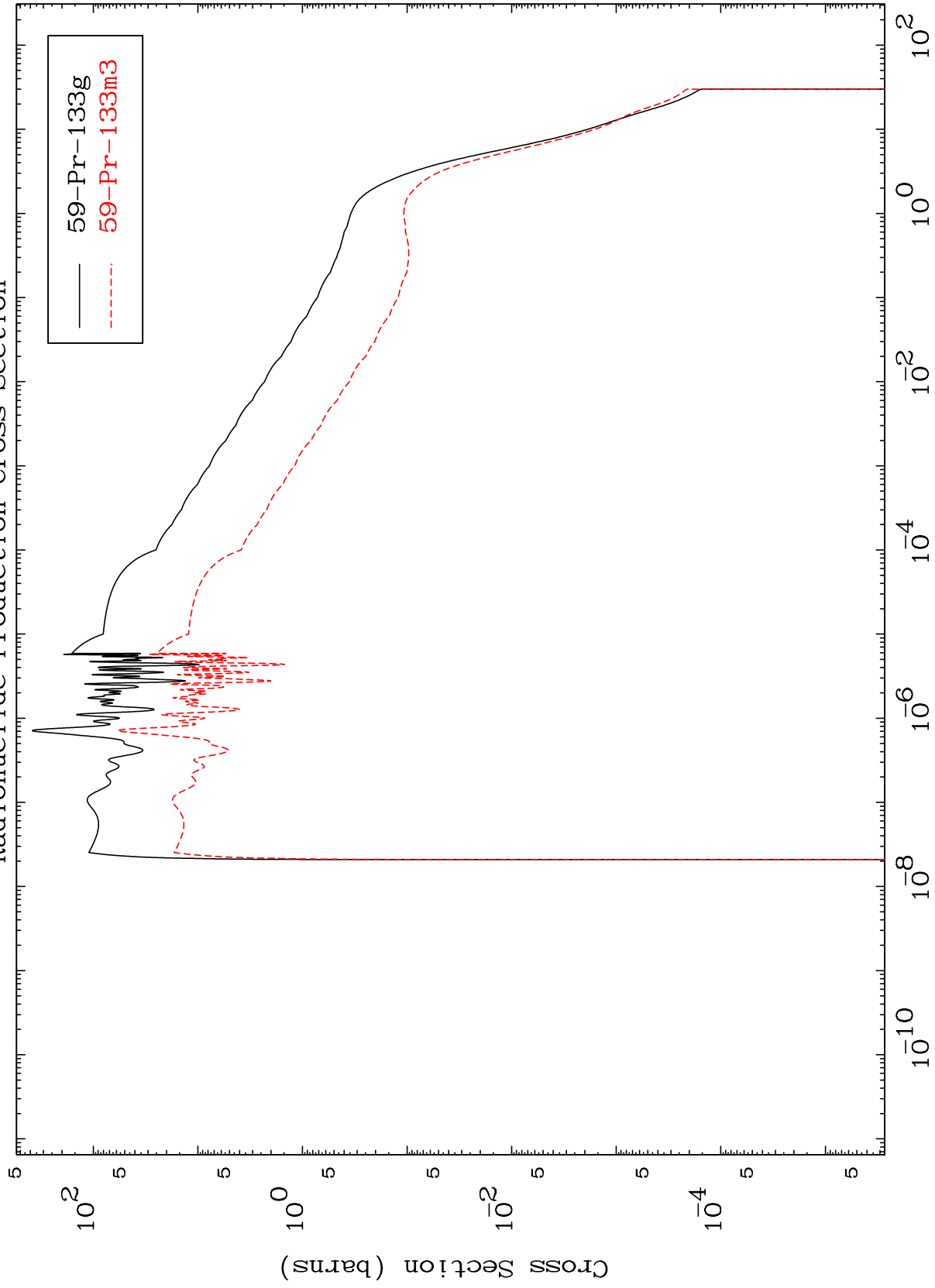
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

(n,γ)
Radionuclide Production Cross Section



71

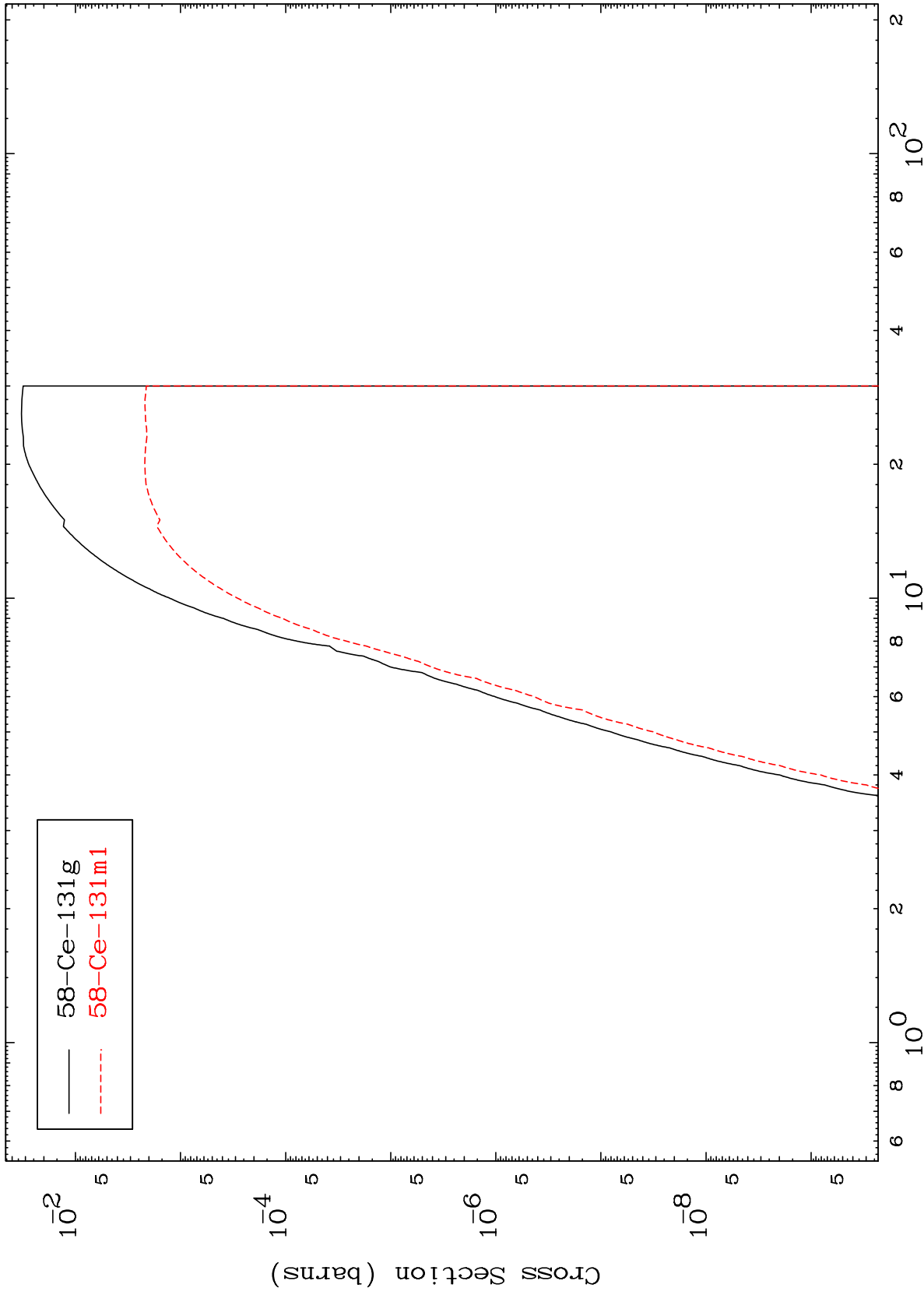
59-Pr-132

MAT 5898

(n,d)

59-Pr-132

Radionuclide Production Cross Section



72

Incident Energy (MeV)

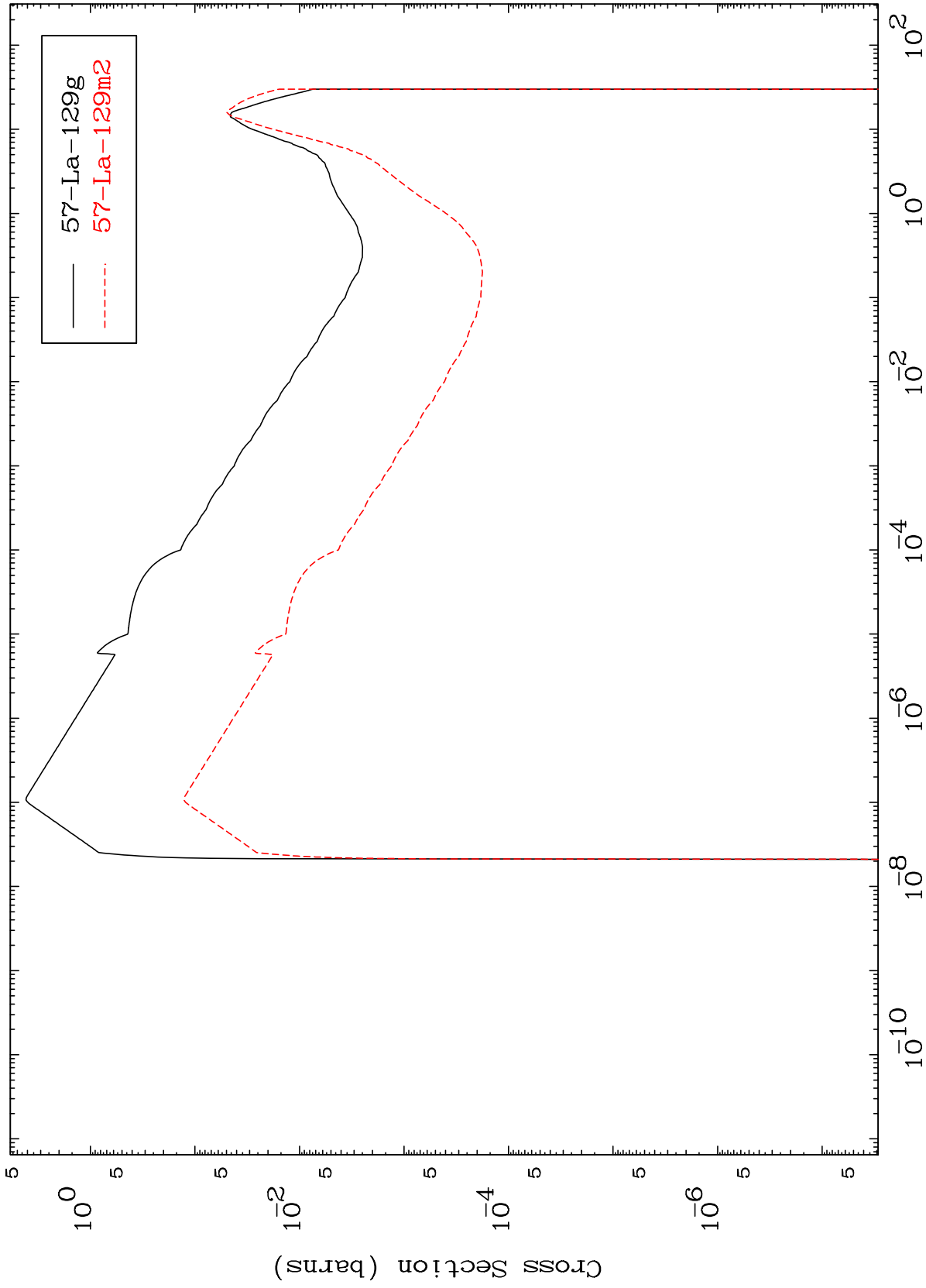
59-Pr-132

MAT 5898

(n,α)

59-Pr-132

Radionuclide Production Cross Section



73

Incident Energy (MeV)

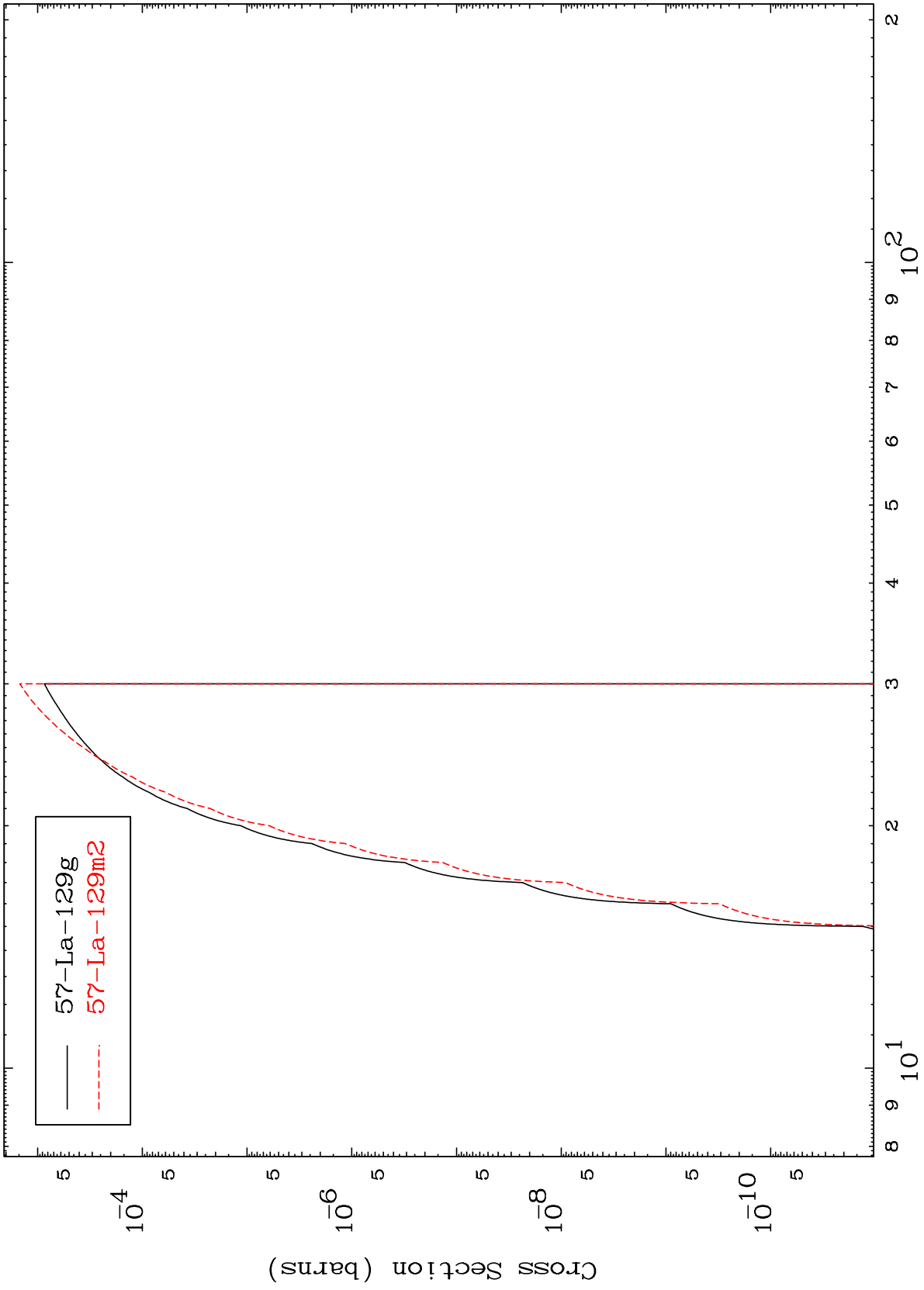
59-Pr-132

MAT 5898

(n,p) t

59-Pr-132

Radionuclide Production Cross Section



74

Incident Energy (MeV)

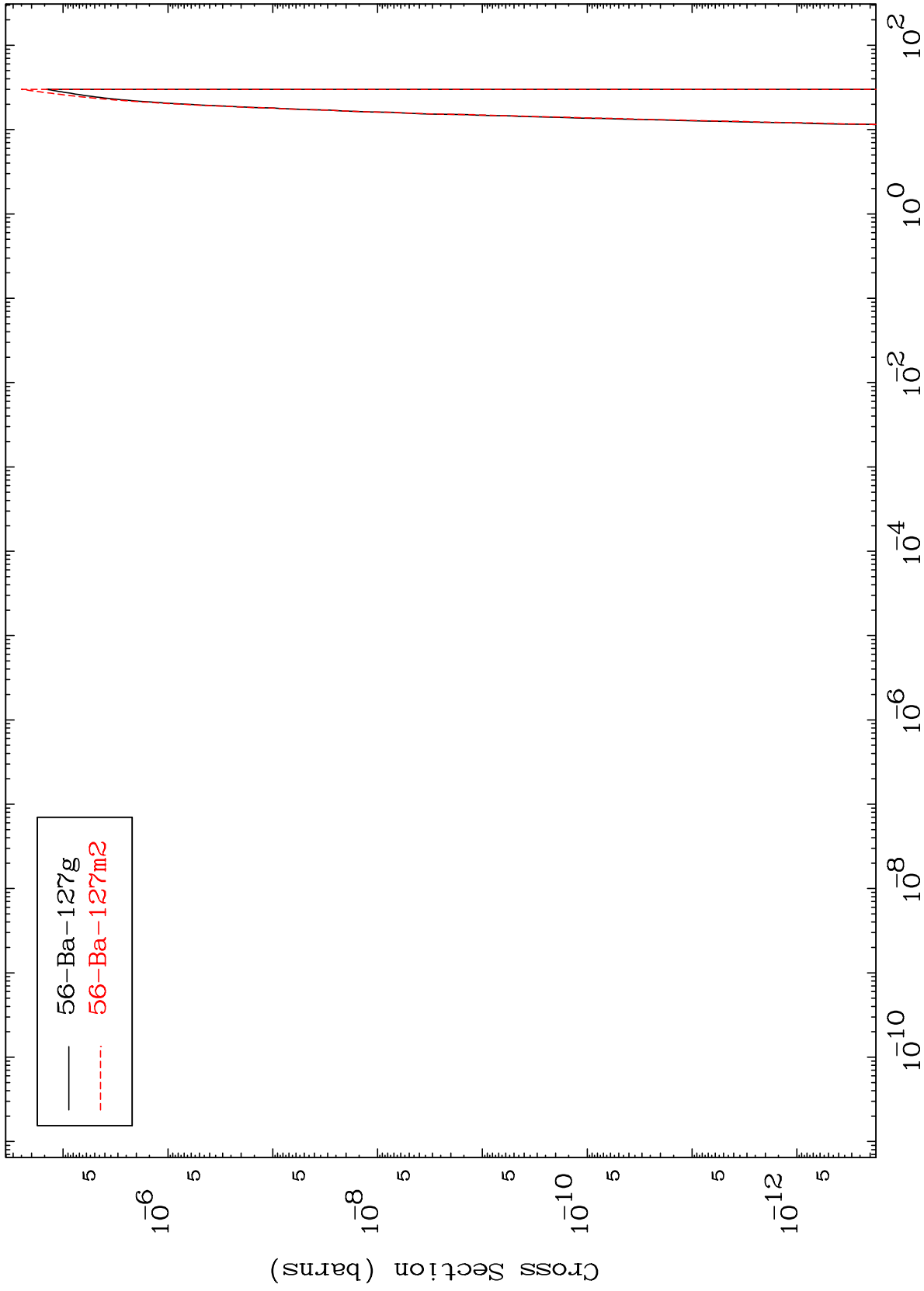
59-Pr-132

MAT 5898

(n,d) α

59-Pr-132

Radionuclide Production Cross Section



75

Incident Energy (MeV)

59-Pr-132