

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

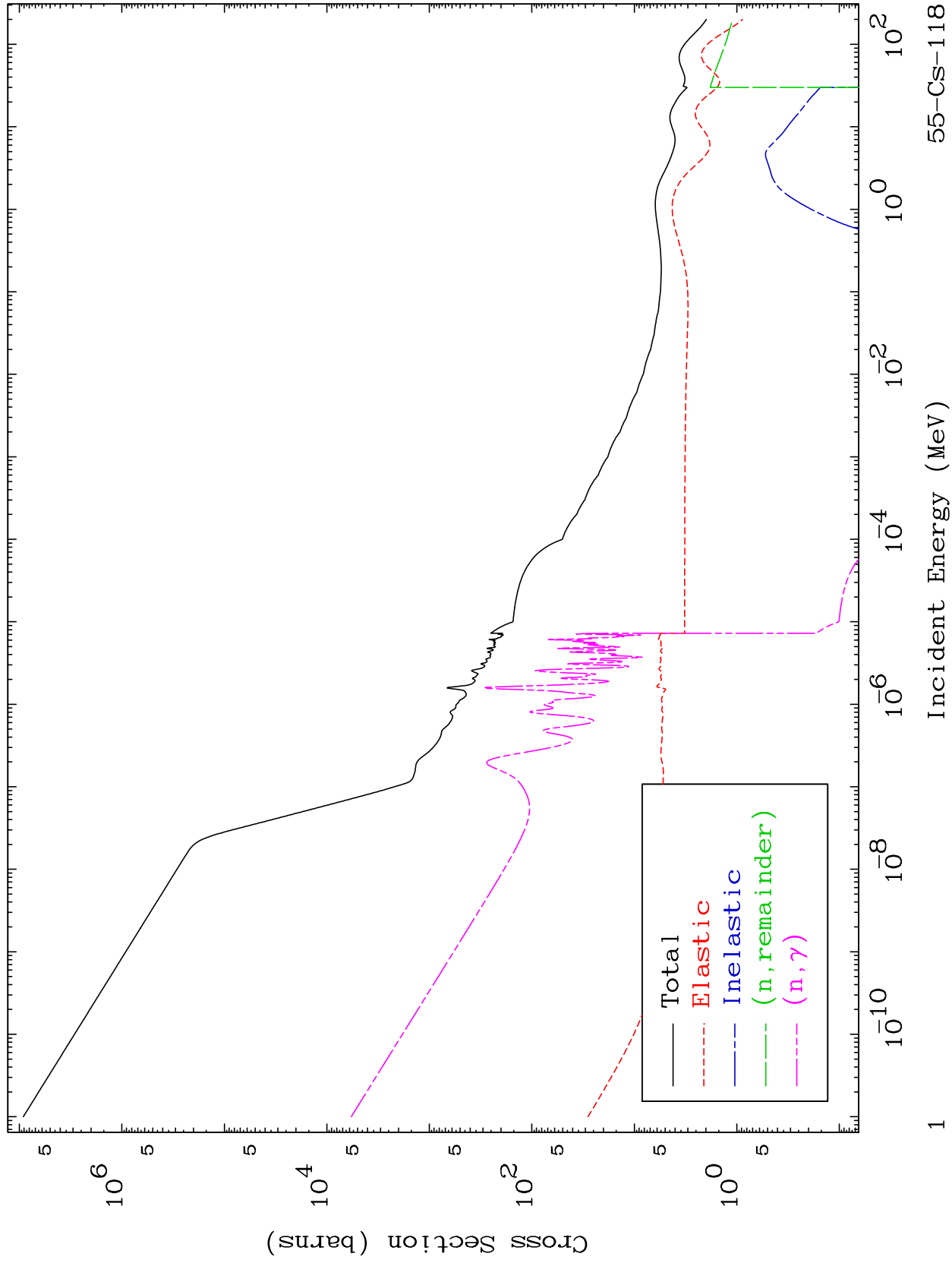
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5480

Major
293 Kelvin Cross Sections

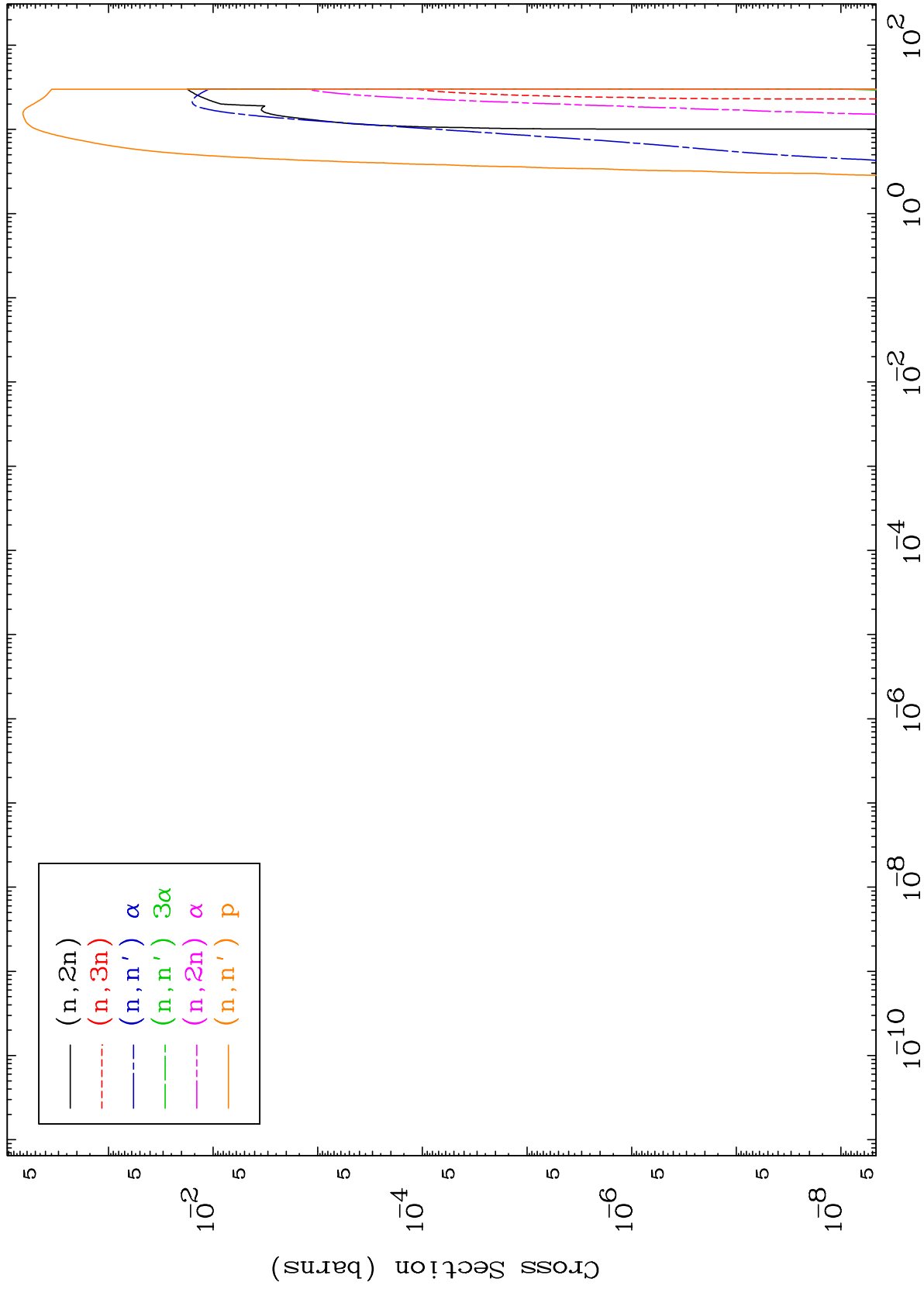
55-Cs-118



MAT 5480

Neutron Production
293 Kelvin Cross Sections

55-Cs-118



2

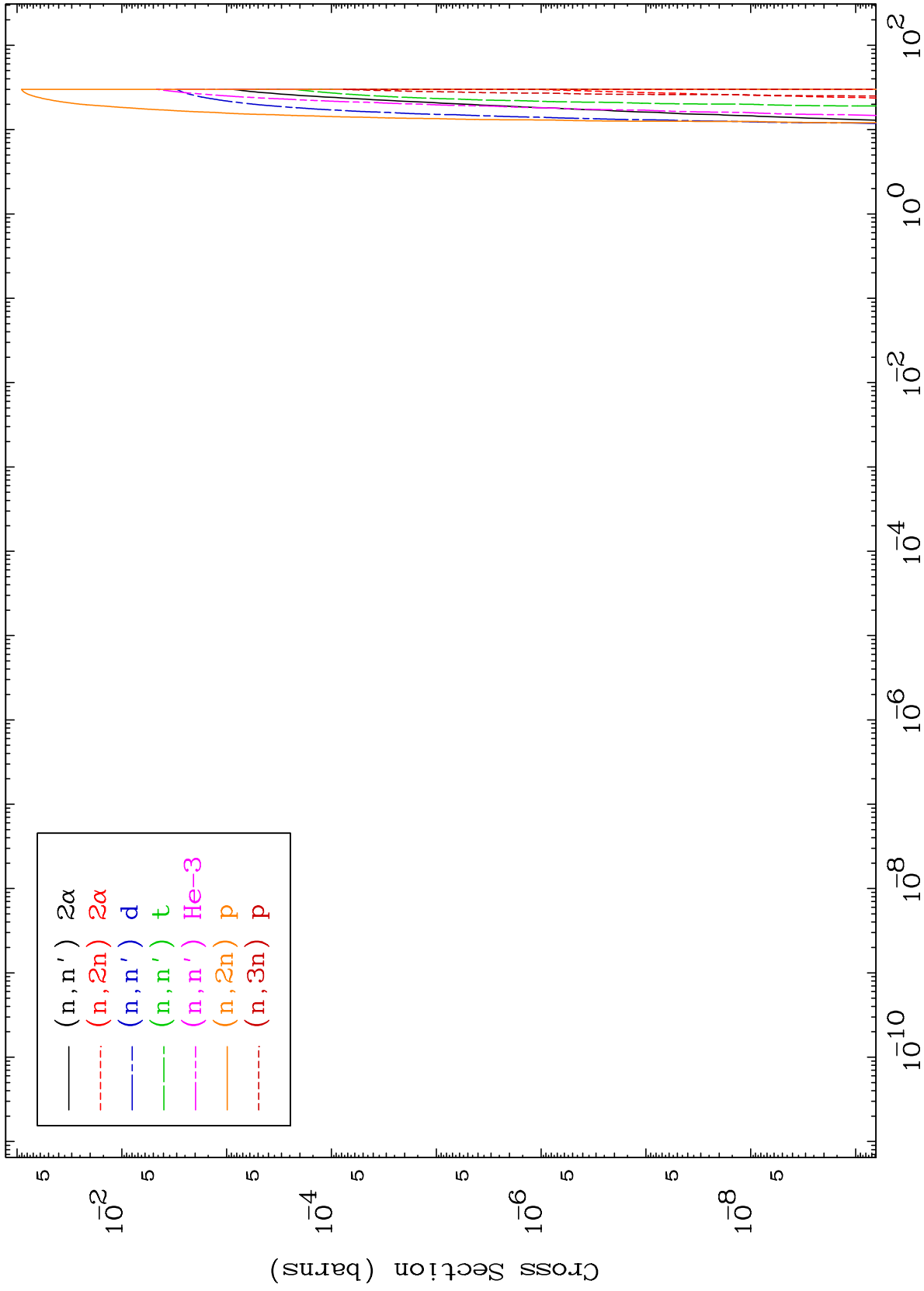
Incident Energy (MeV)

55-Cs-118

MAT 5480

Neutron Production
293 Kelvin Cross Sections

55-Cs-118



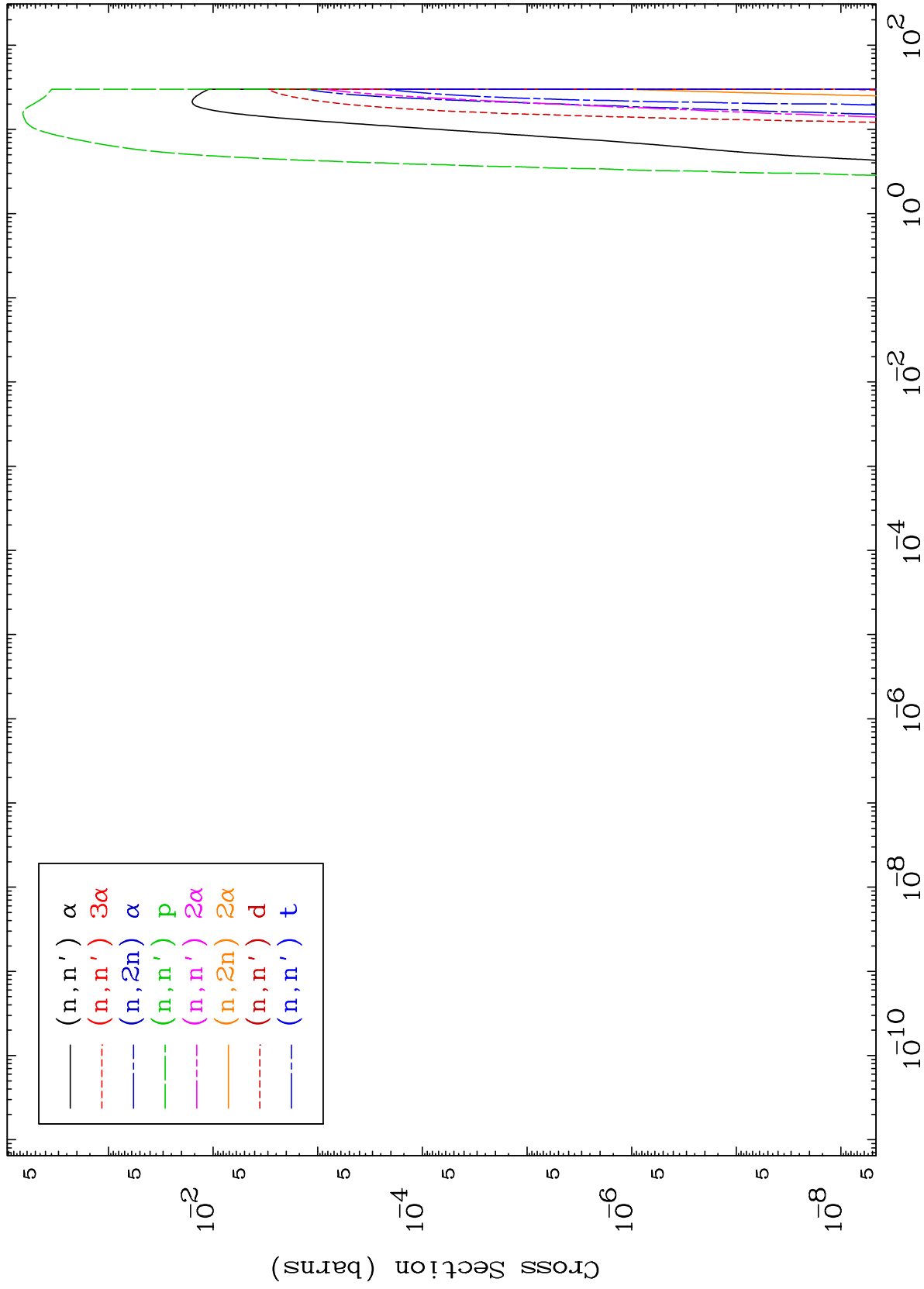
3

55-Cs-118

MAT 5480

293 Charged Particle
Kelvin Cross Sections

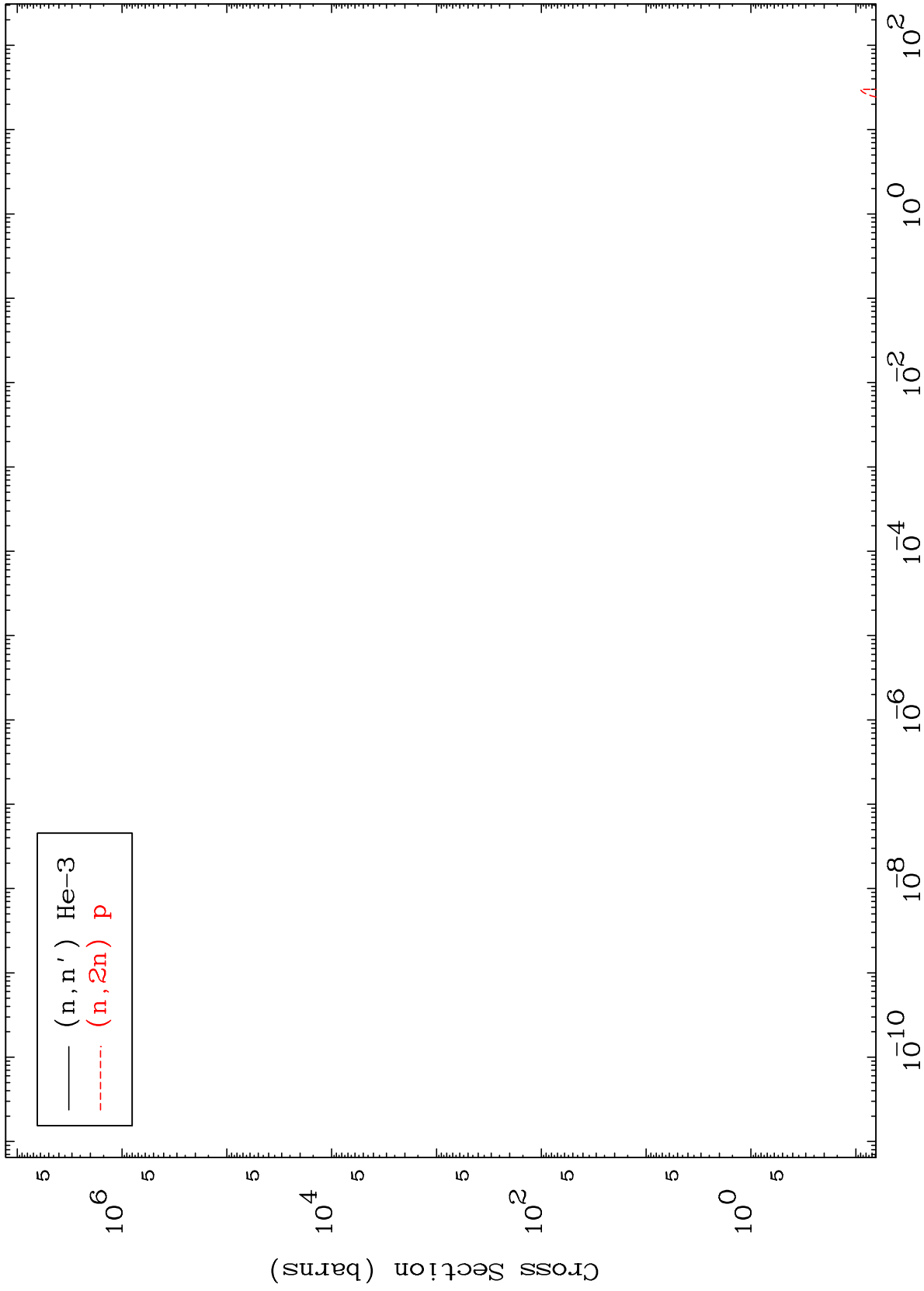
55-Cs-118



MAT 5480

Charged Particle
293 Kelvin Cross Sections

55-Cs-118



5

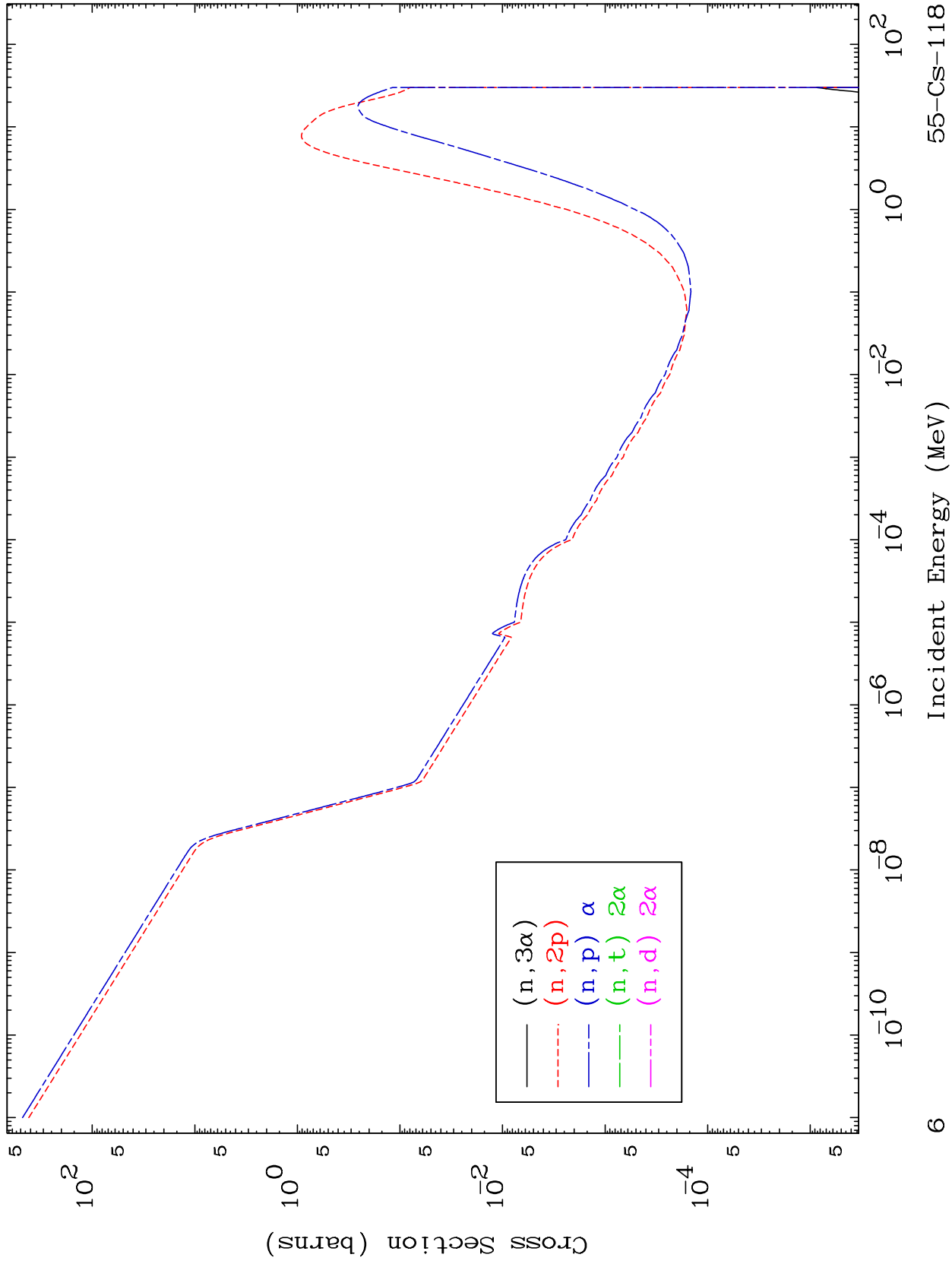
Incident Energy (MeV)

55-Cs-118

MAT 5480

293 Kelvin Cross Sections

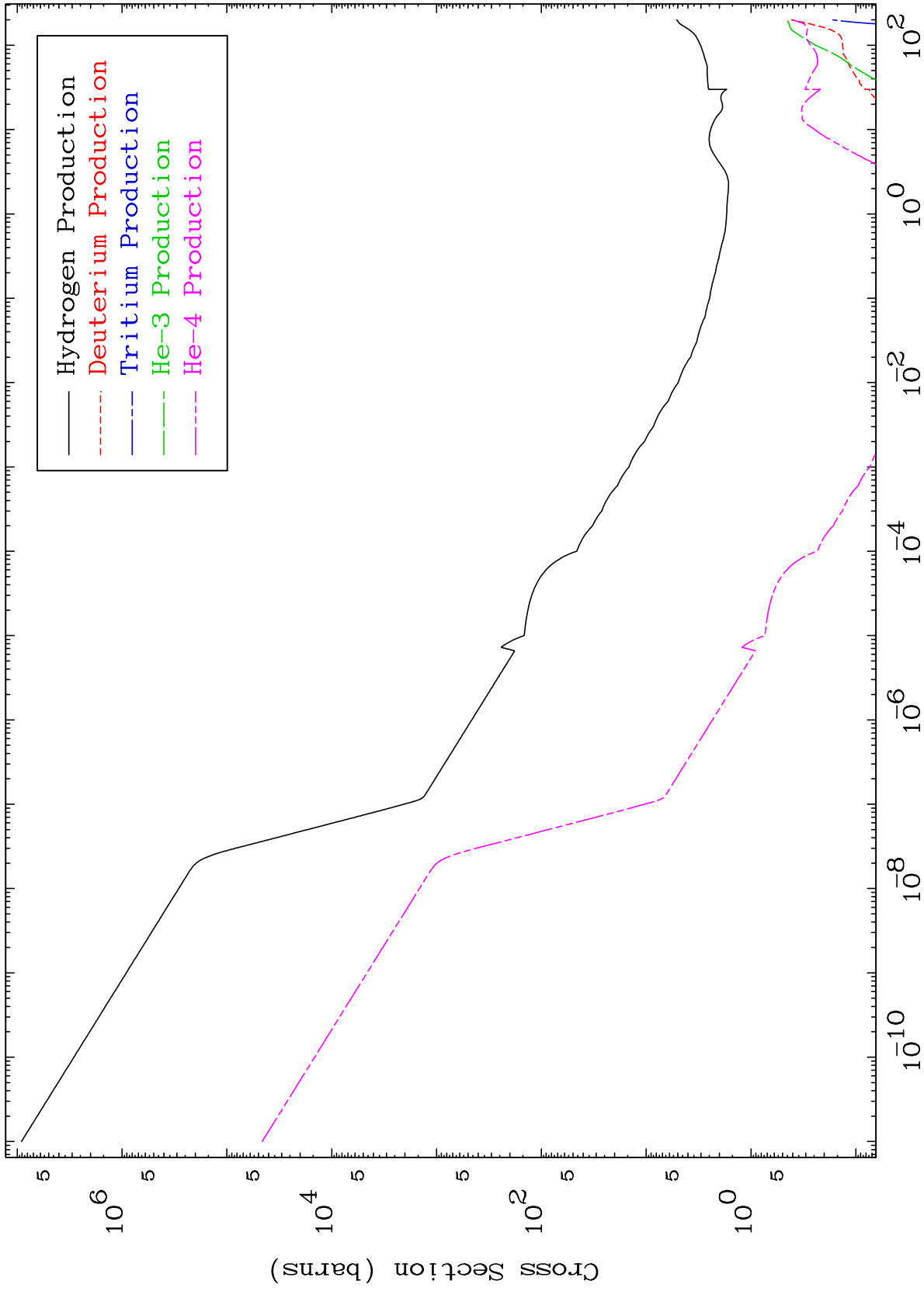
55-Cs-118



MAT 5480

Particle Production
293 Kelvin Cross Sections

55-Cs-118



7

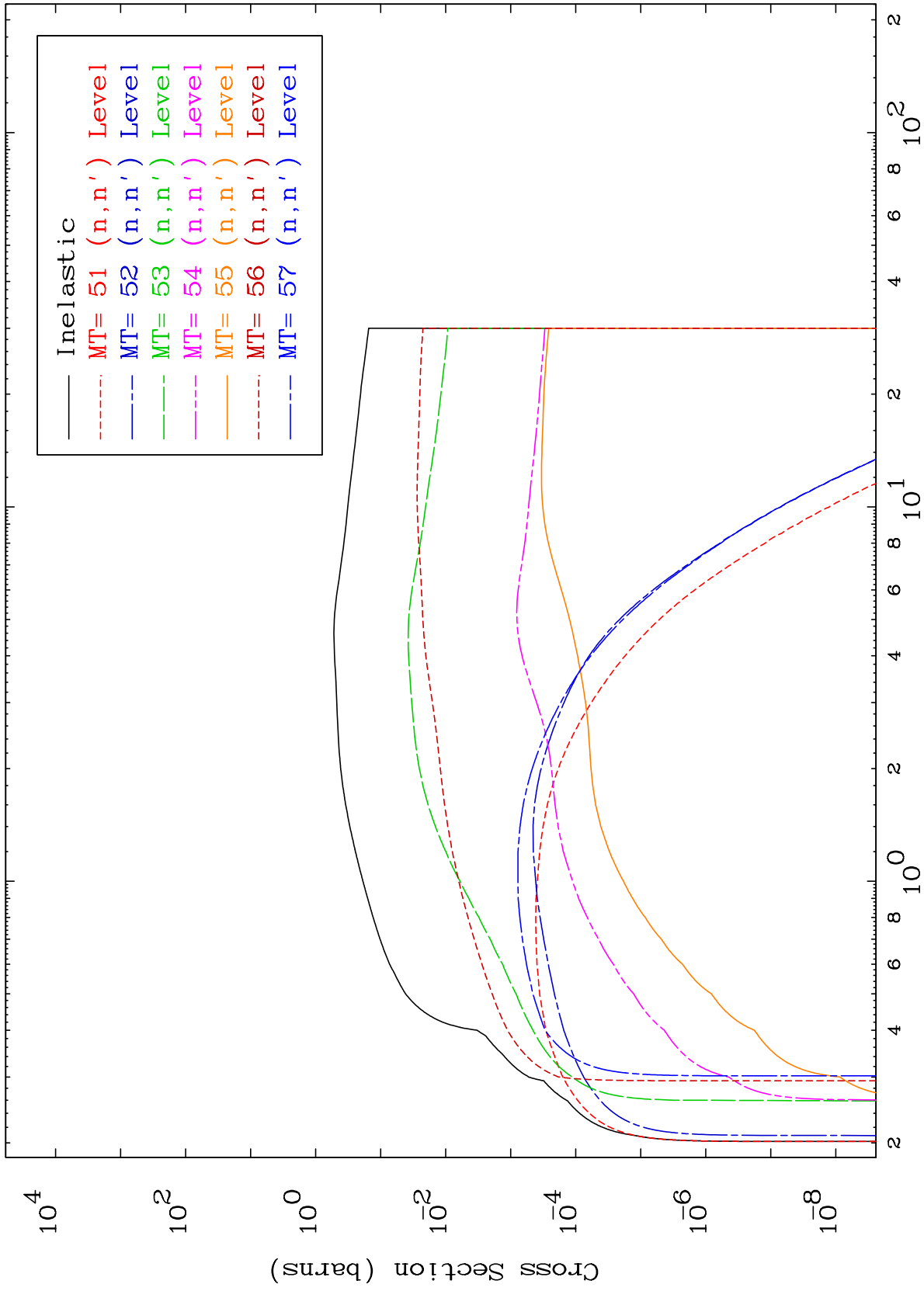
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,n') Level
293 Kelvin Cross Sections

55-Cs-118



8

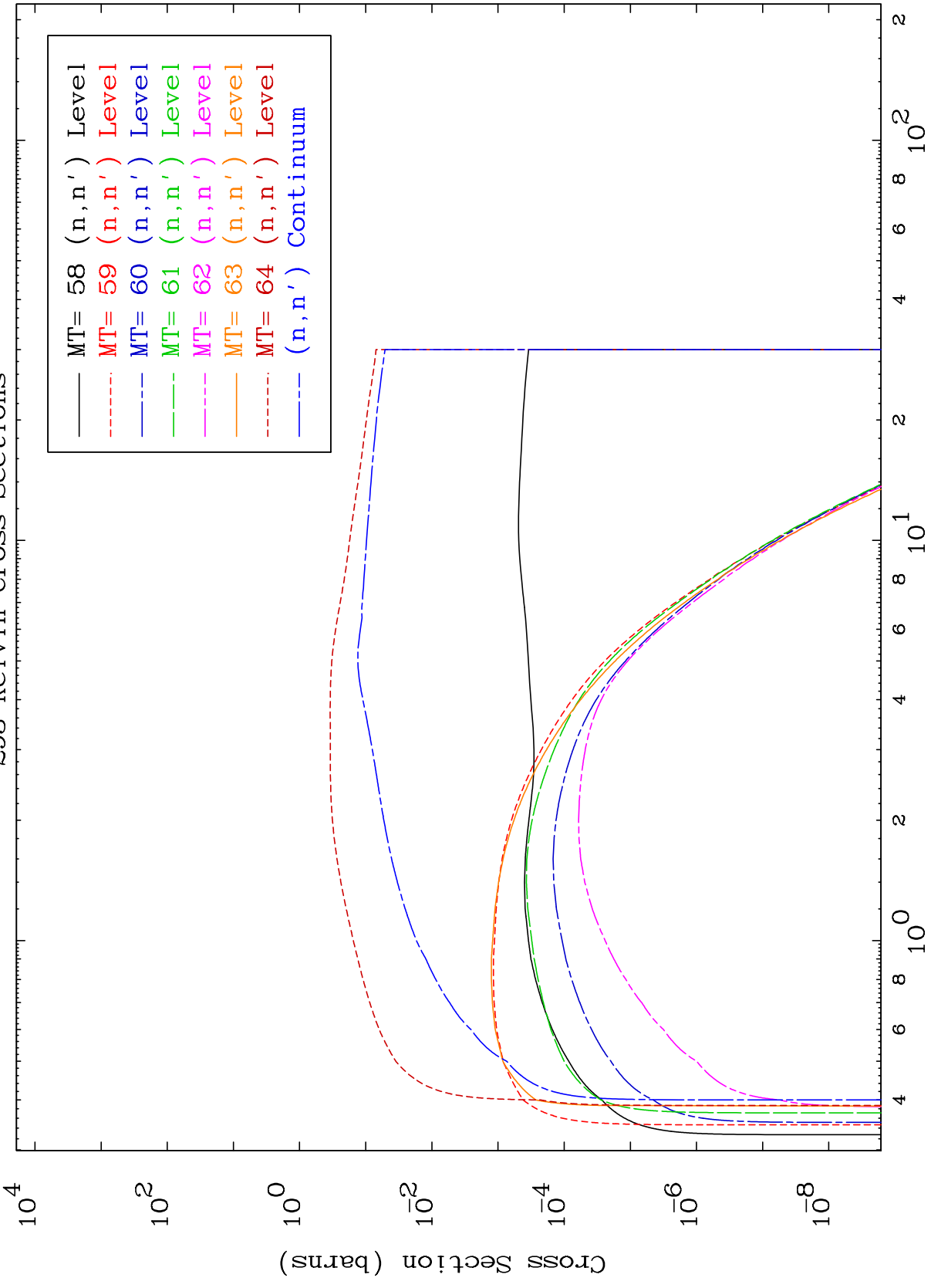
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,n') Level
293 Kelvin Cross Sections

55-Cs-118



9

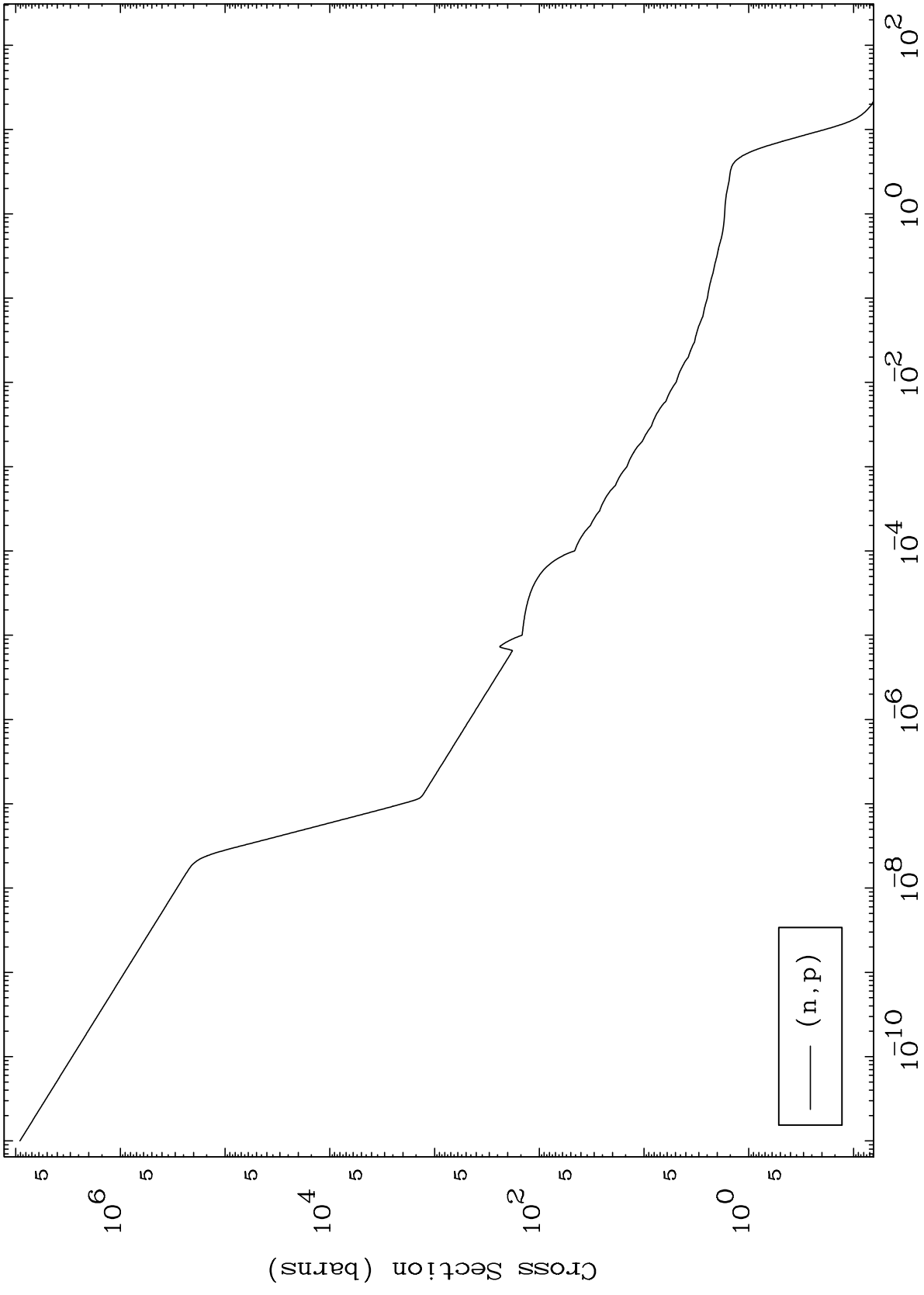
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-118



10

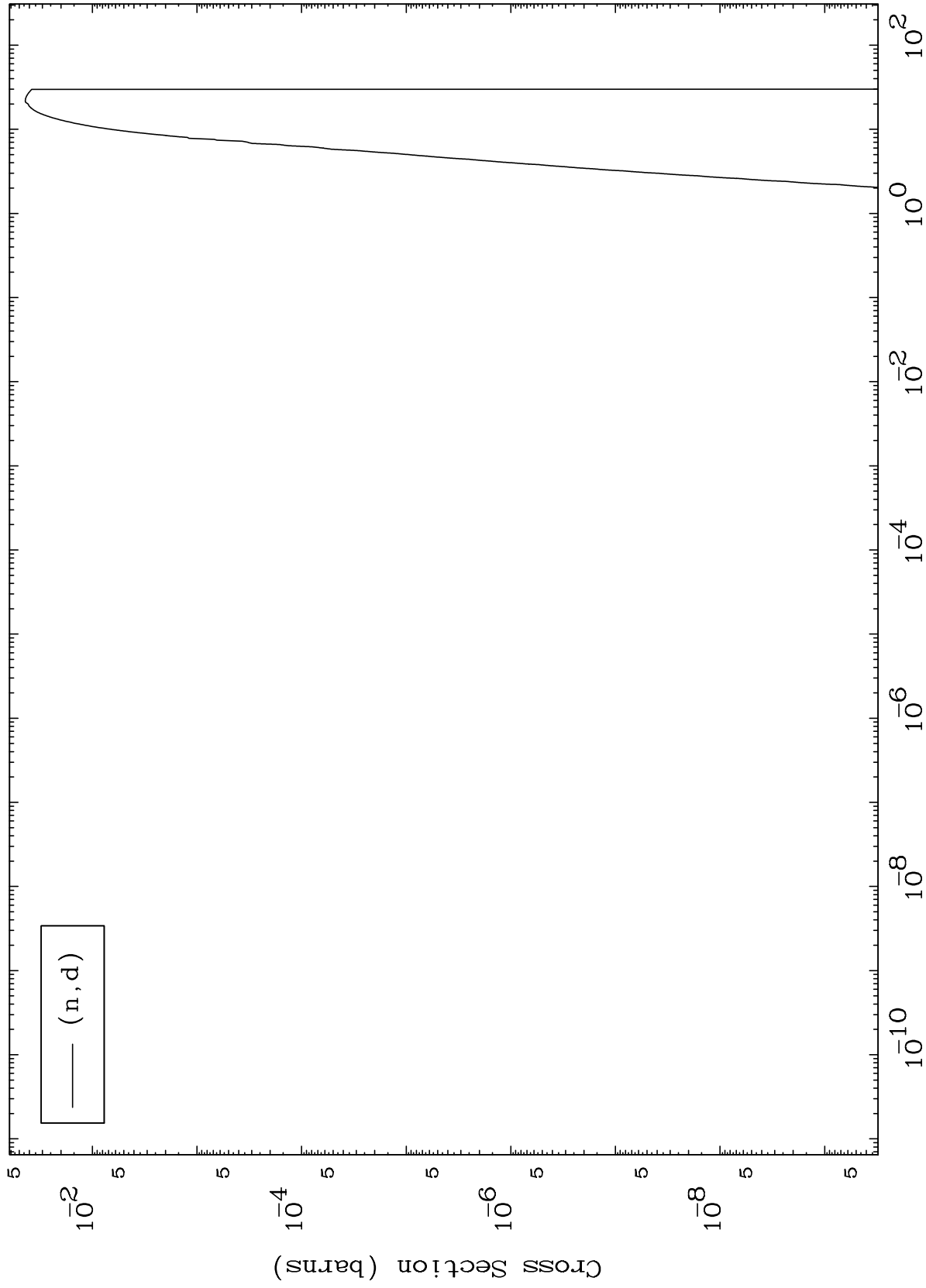
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,d) Levels
293 Kelvin Cross Sections

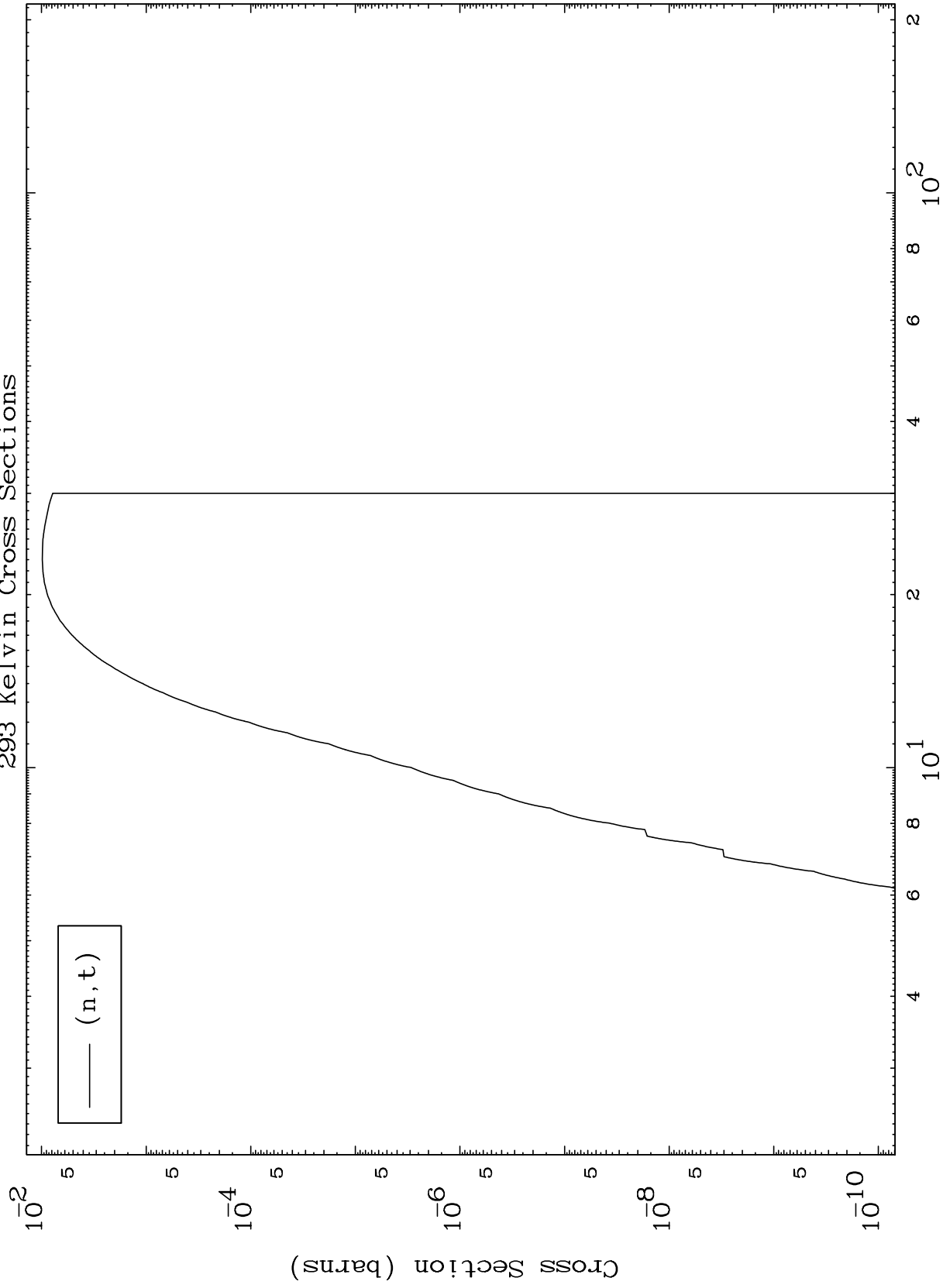
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MAT 5480

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-118



12

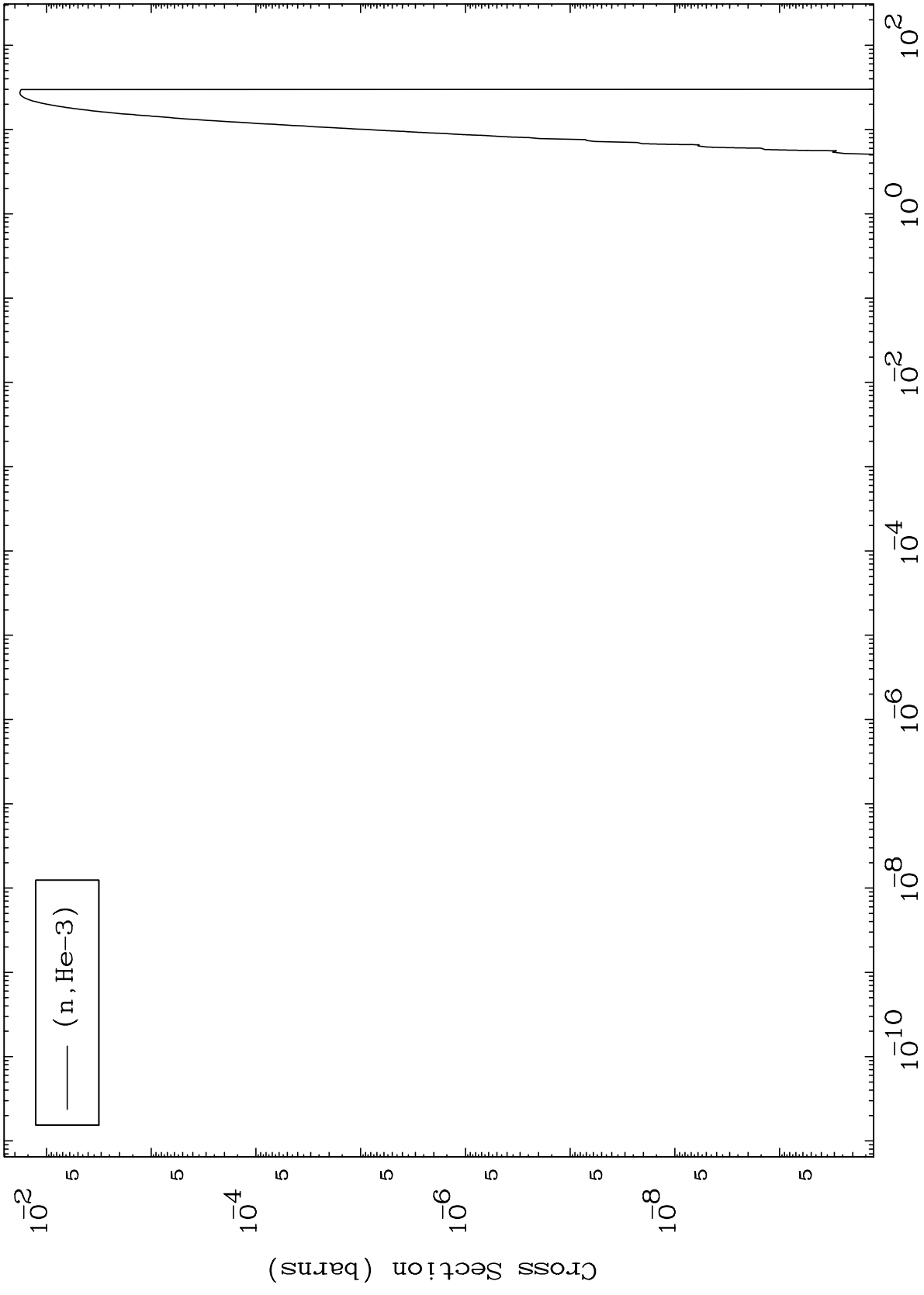
Incident Energy (MeV)

55-Cs-118

MAT 5480

(n,He3) Levels
293 Kelvin Cross Sections

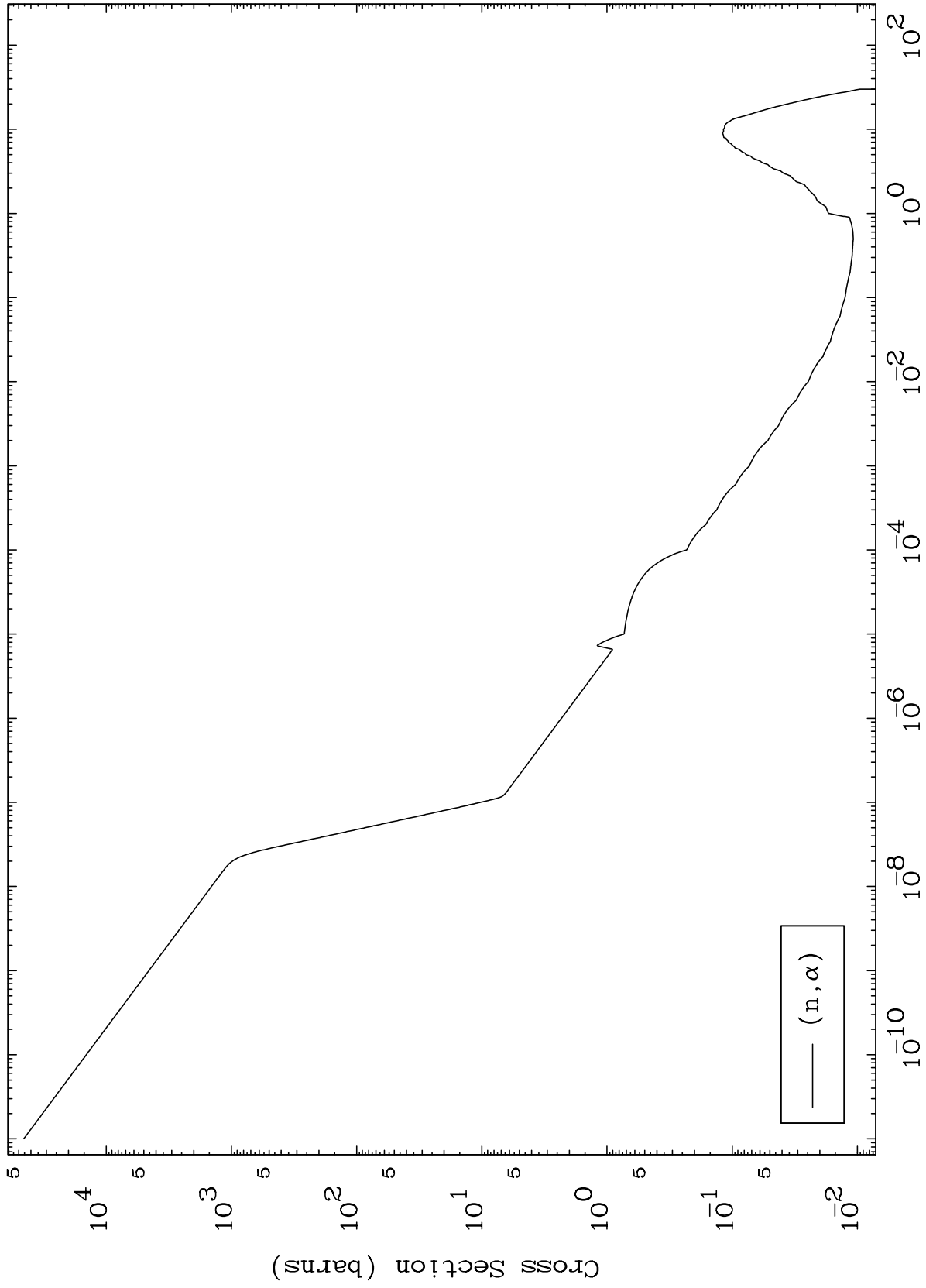
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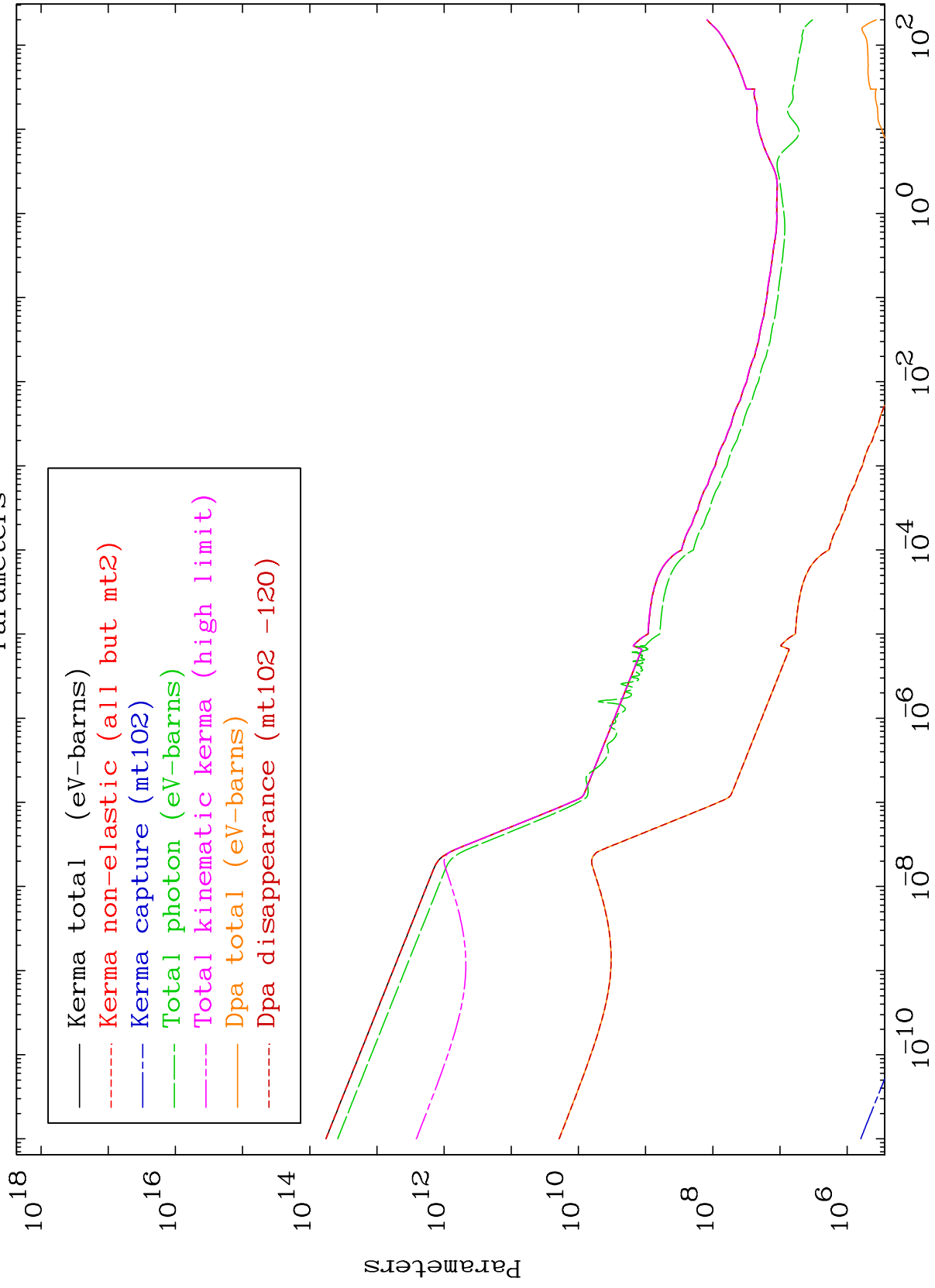


MAT 5480

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-118

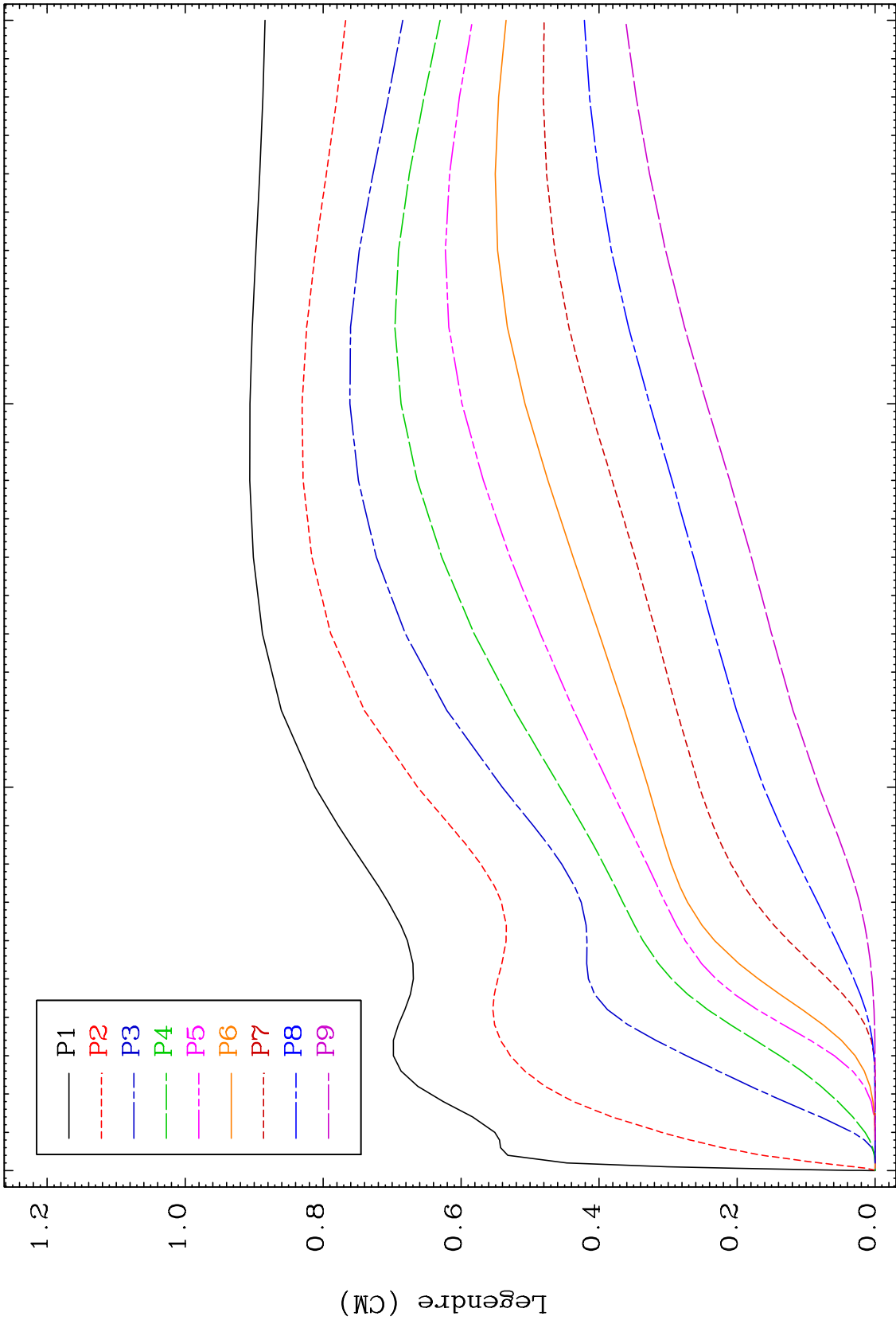




MAT 5480

Elastic Legendre Coefficients

55-Cs-118



16

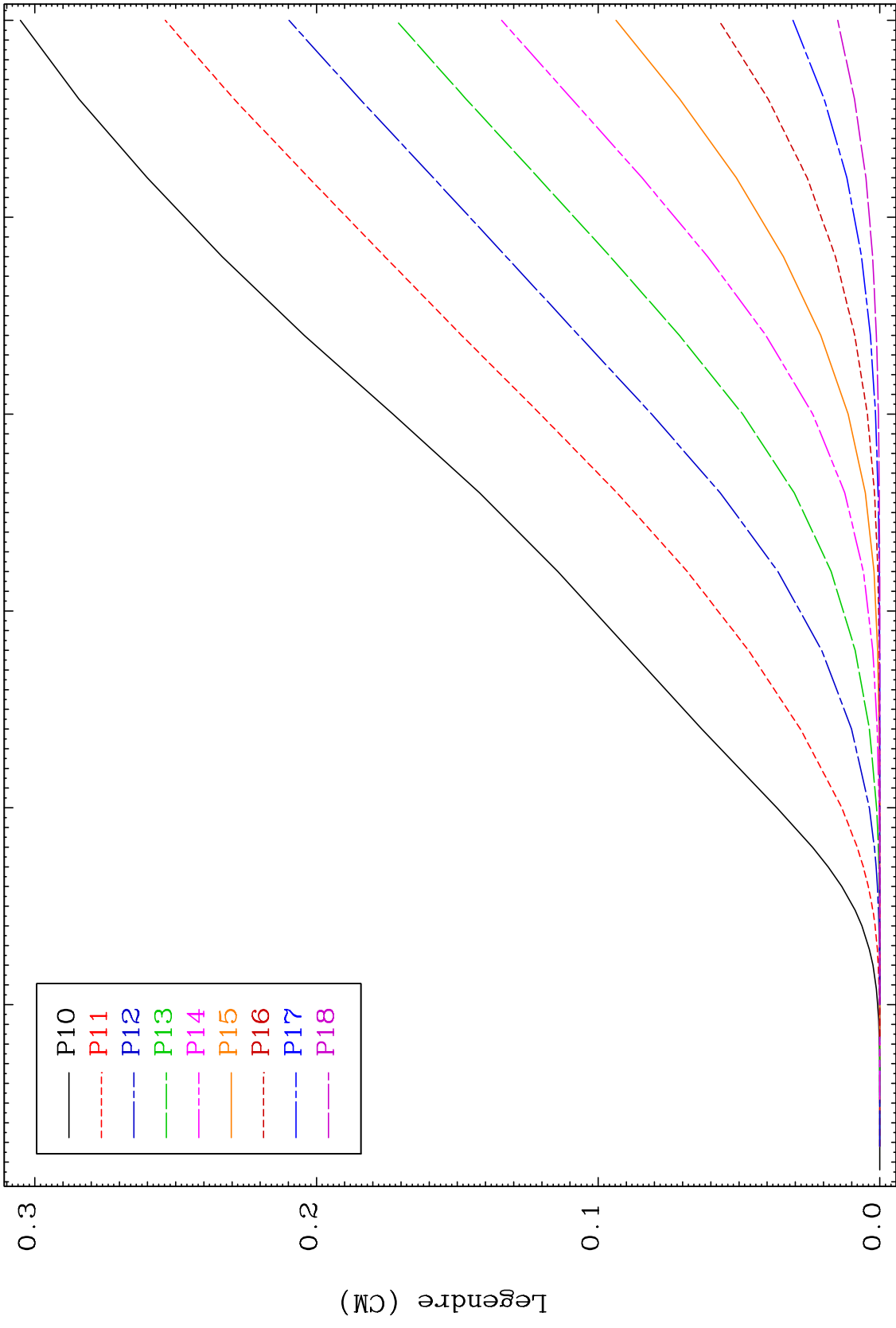
Incident Energy (MeV)

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

55-Cs-118



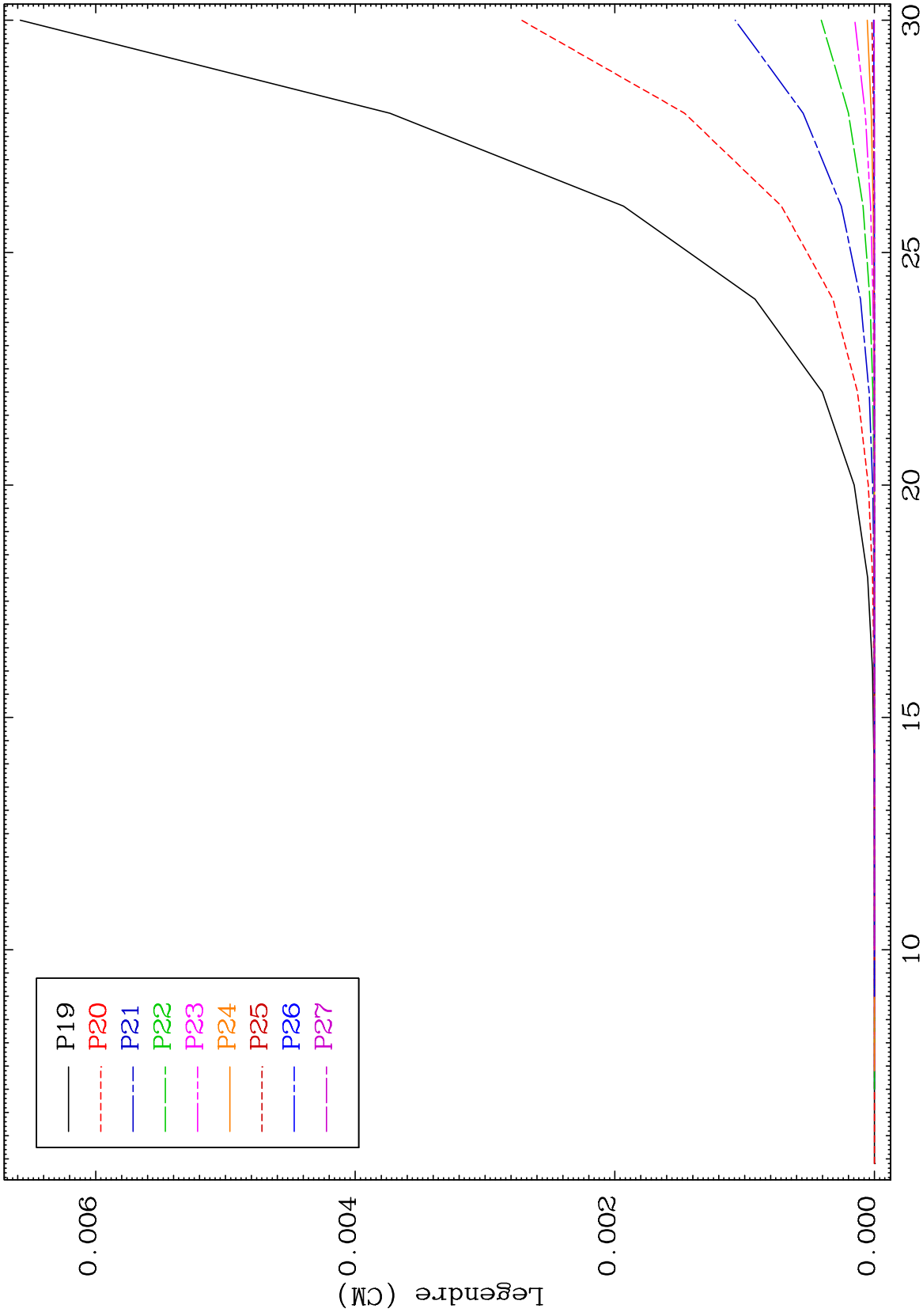
17

55-Cs-118

MAT 5480

Elastic Legendre Coefficients

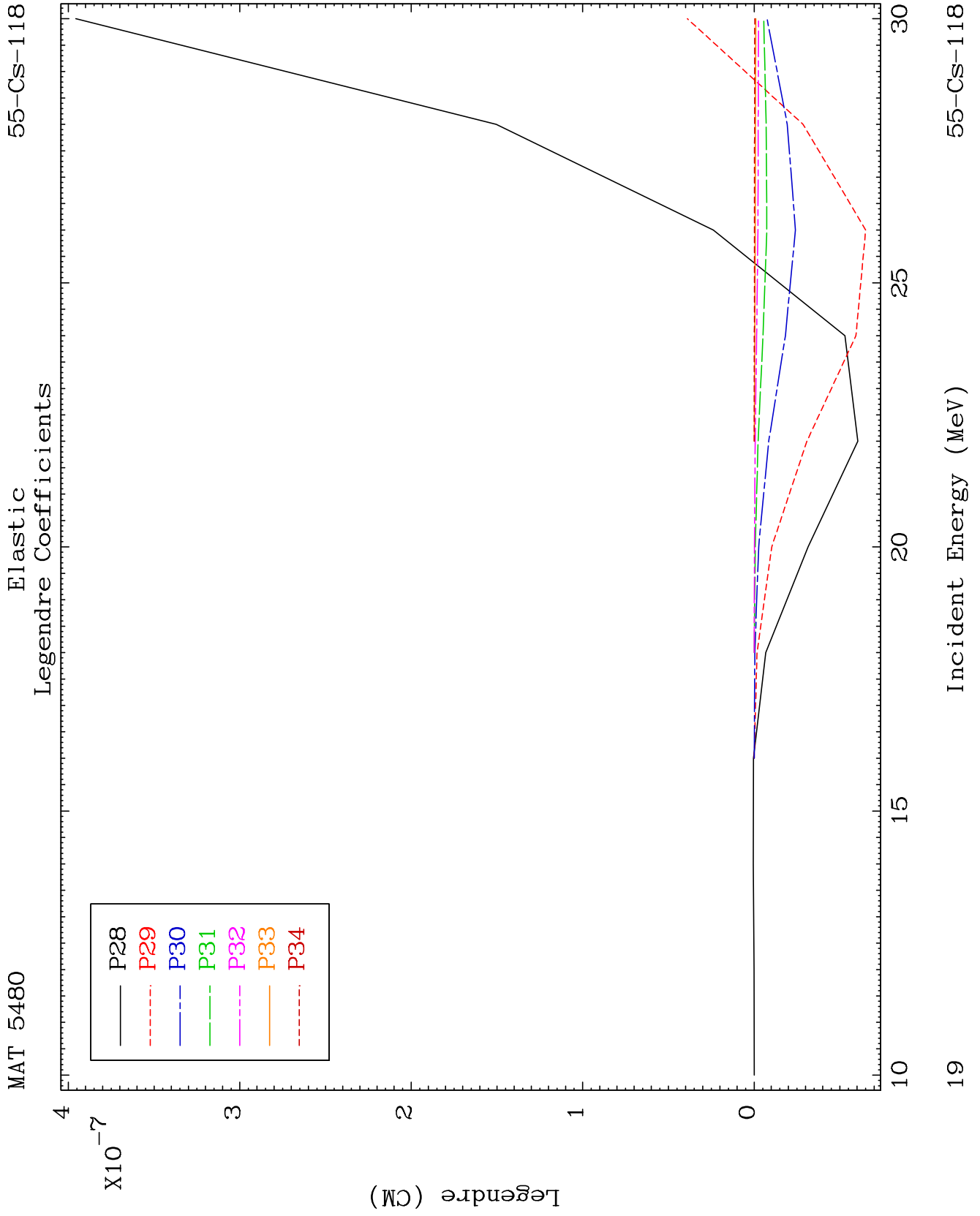
55-Cs-118



18

Incident Energy (MeV)

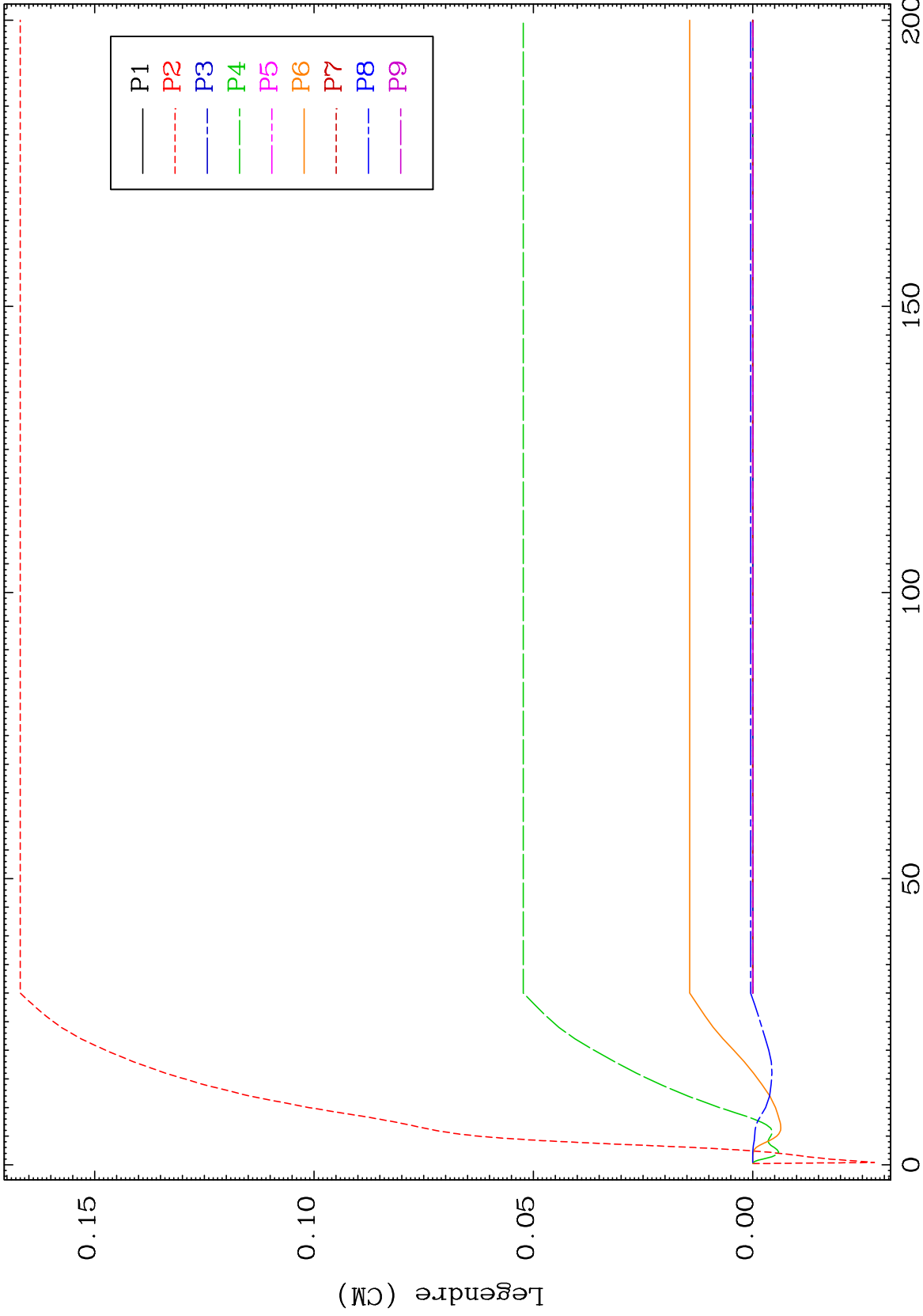
55-Cs-118



MAT 5480

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

55-Cs-118



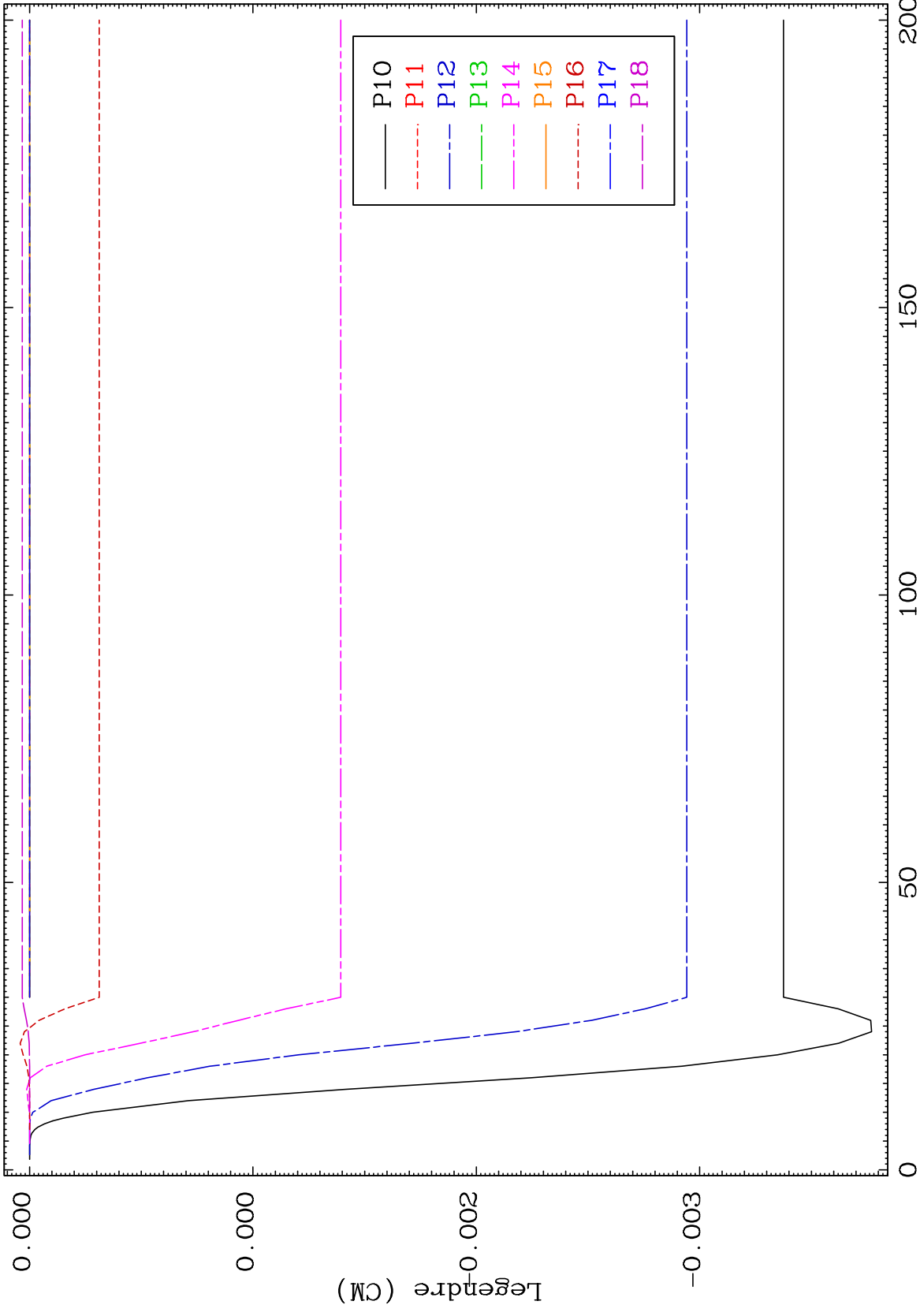
55-Cs-118

Incident Energy (MeV)

MAT 5480

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

55-Cs-118



55-Cs-118

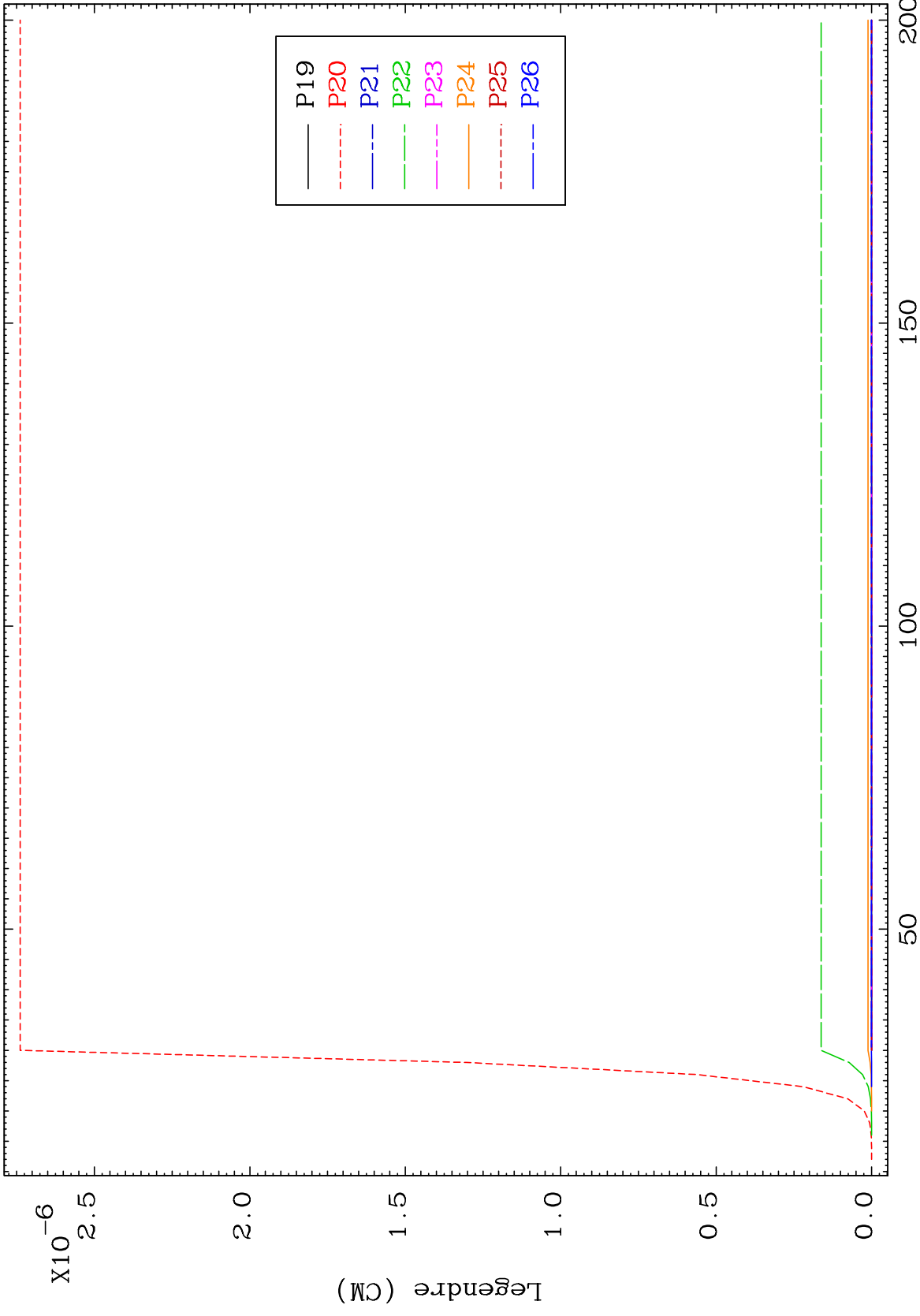
Incident Energy (MeV)

21

MAT 5480

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

55-Cs-118



55-Cs-118

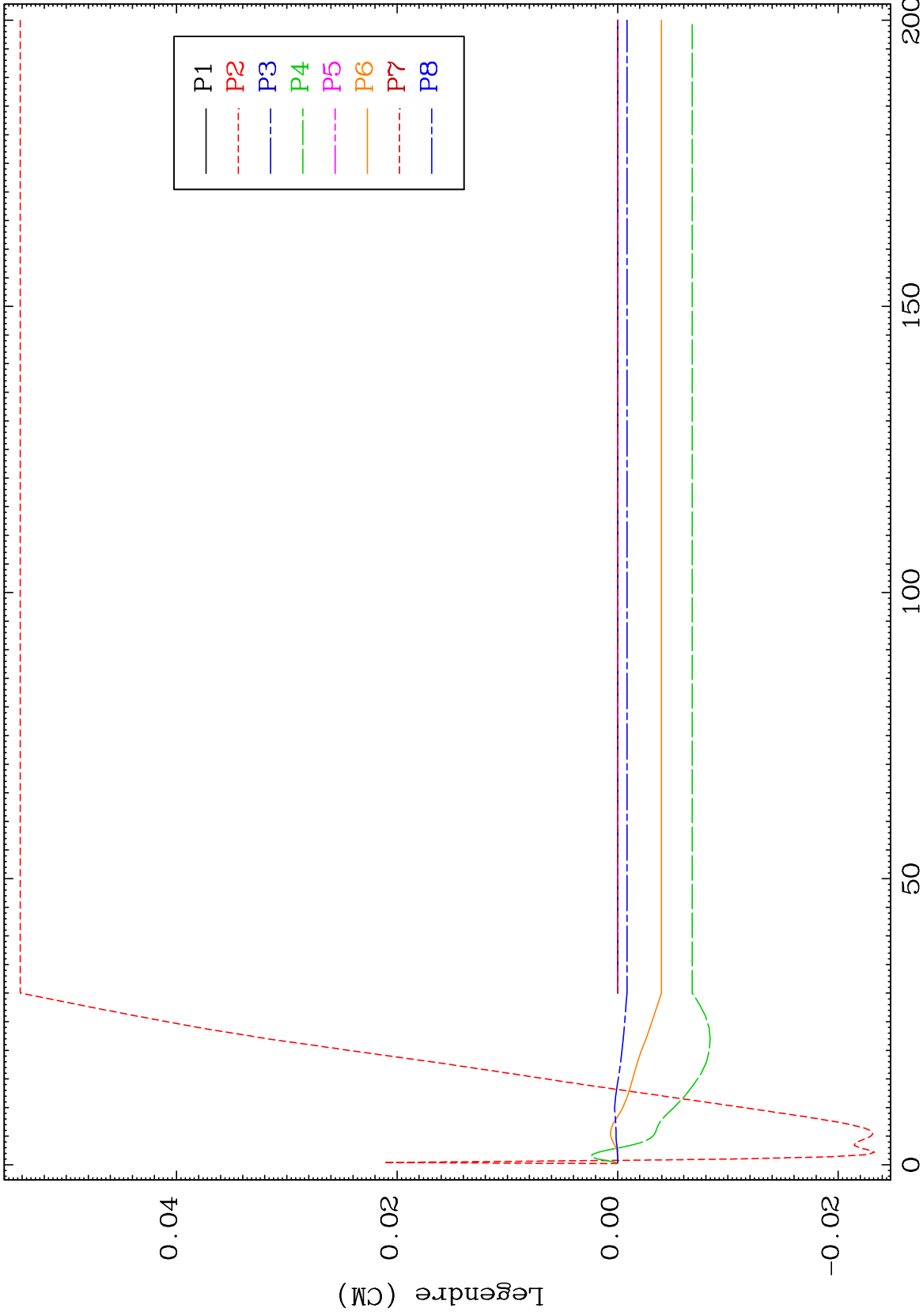
Incident Energy (MeV)

22

MAT 5480

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

55-Cs-118



23

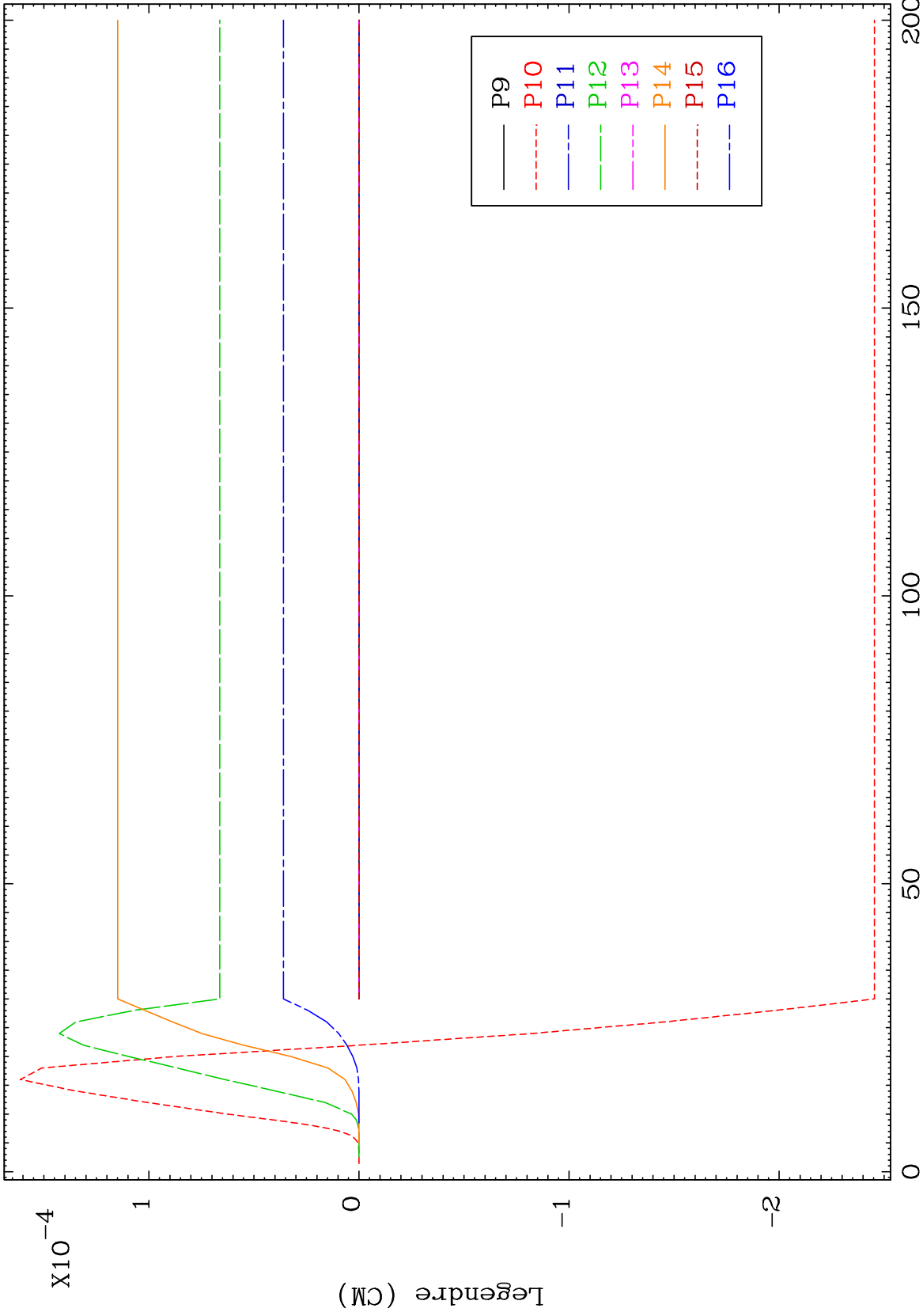
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118

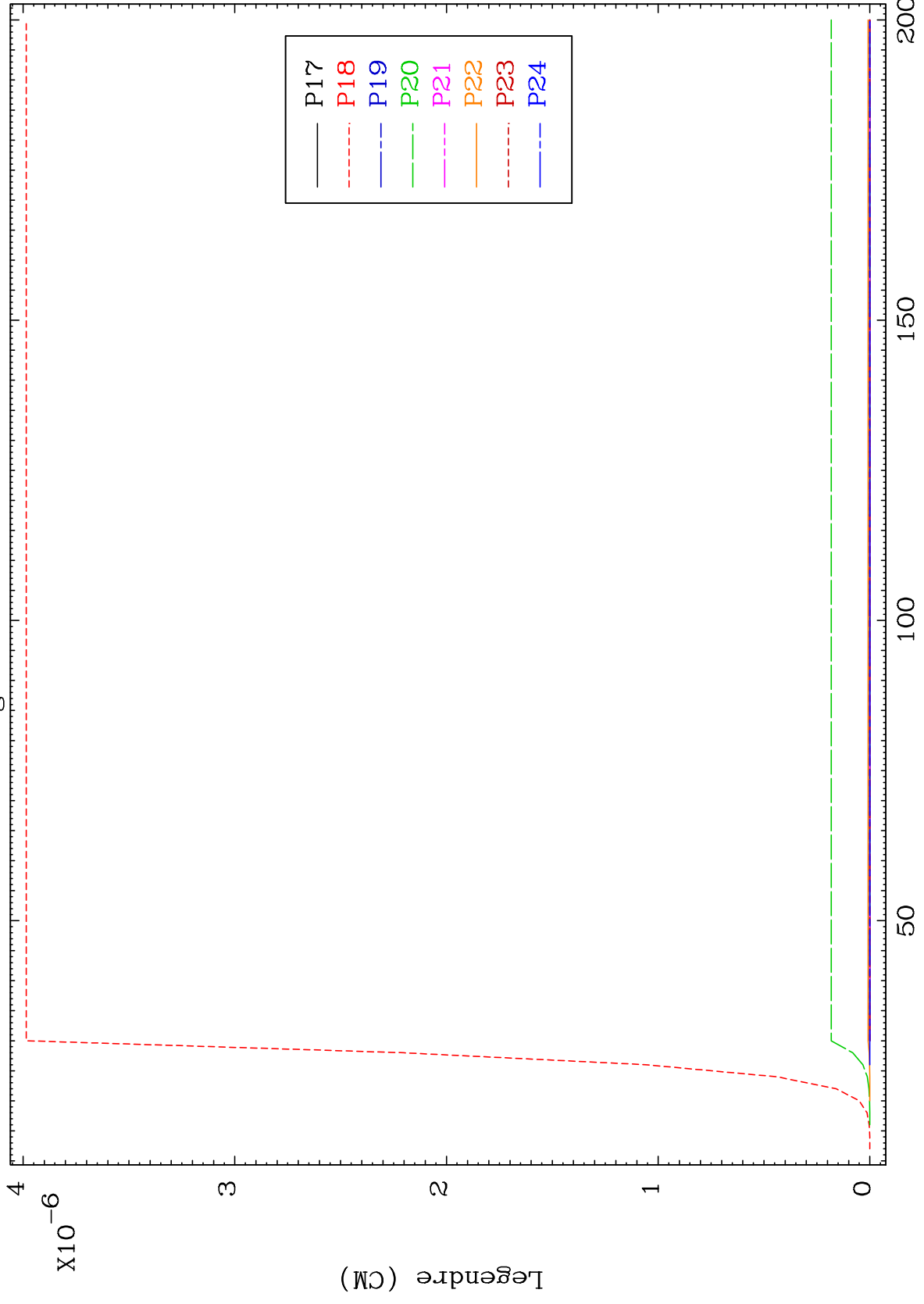


24

Incident Energy (MeV)

55-Cs-118

MAT 5480 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-118

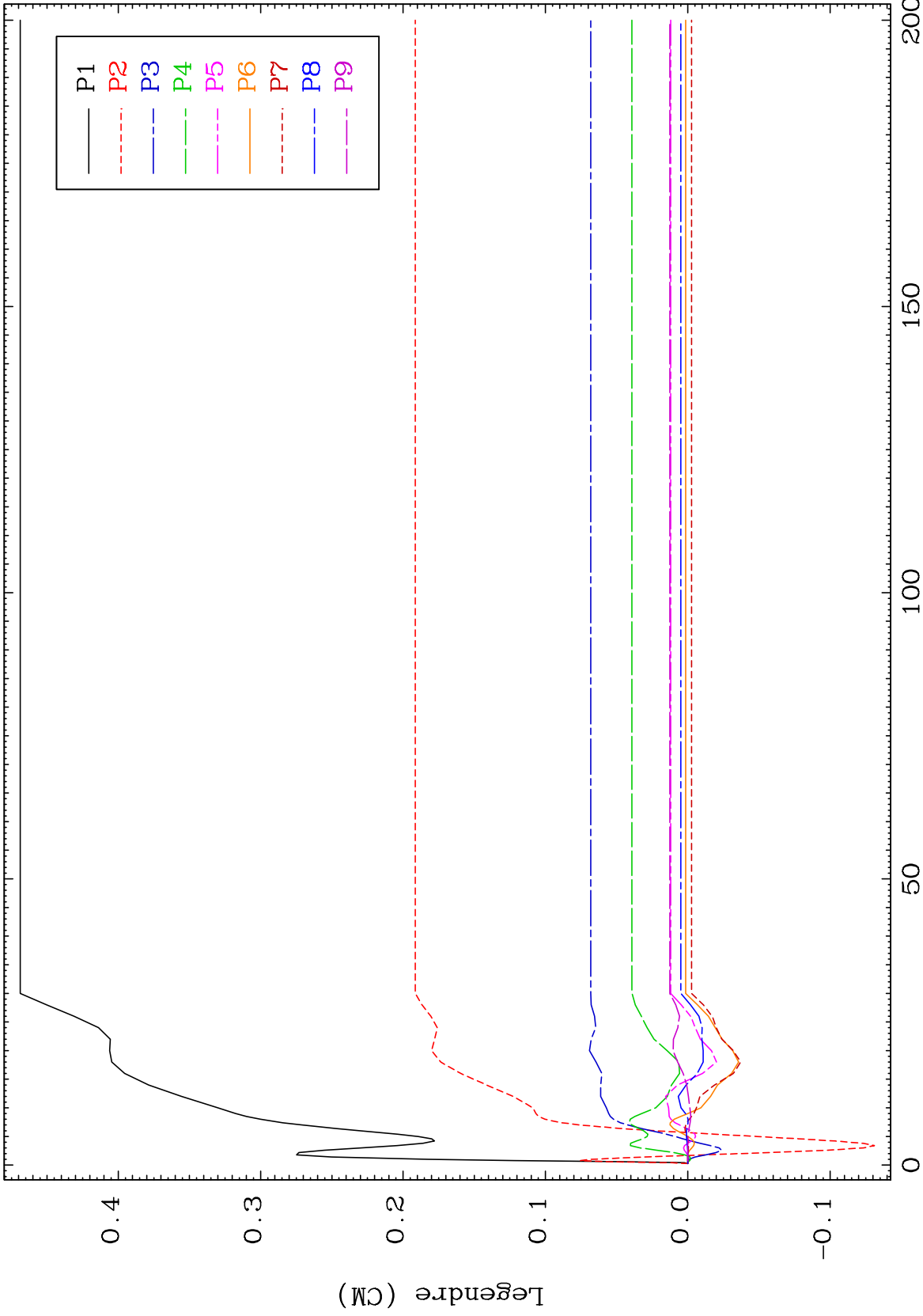


55-Cs-118

MAT 5480

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

55-Cs-118



26

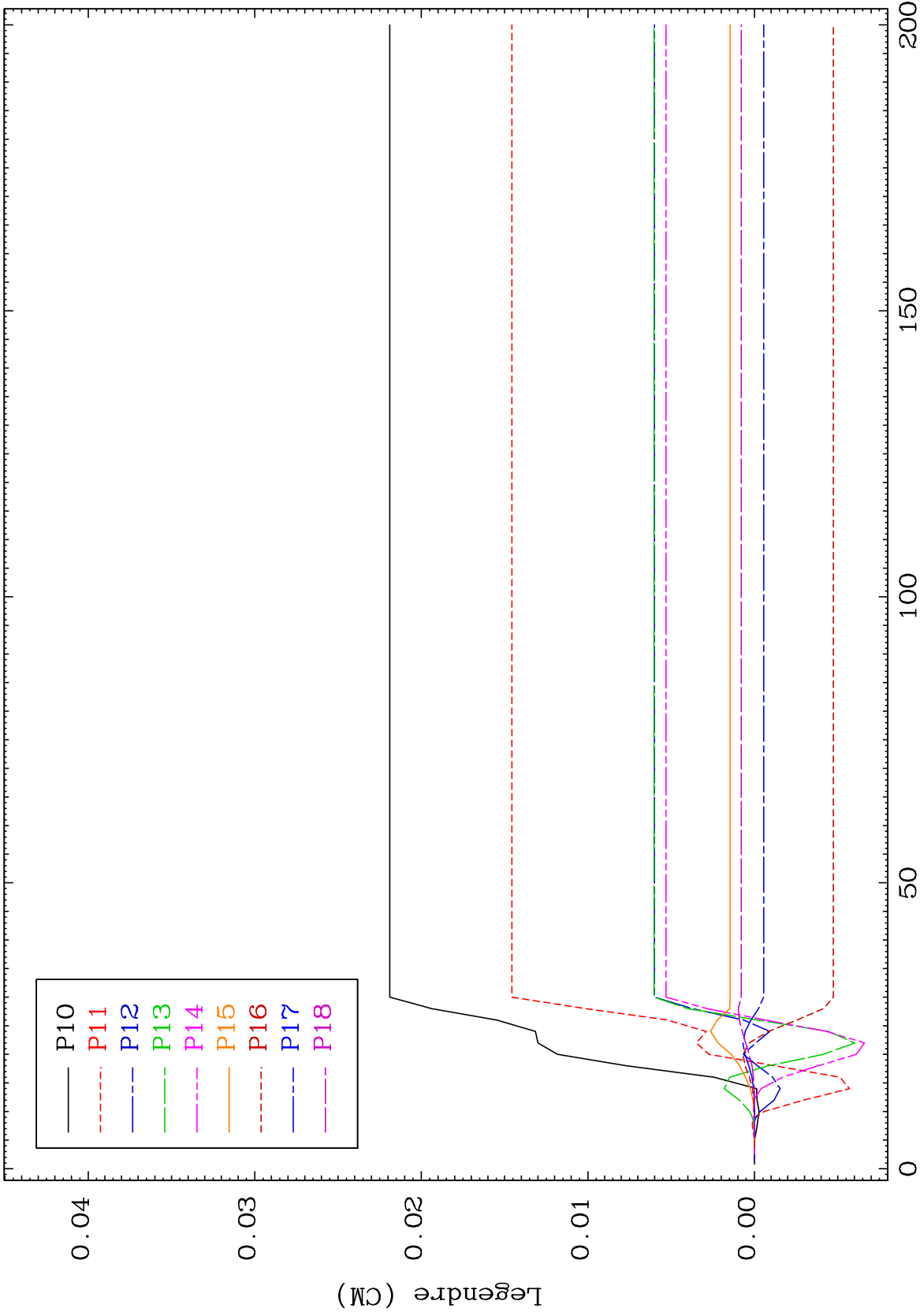
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



27

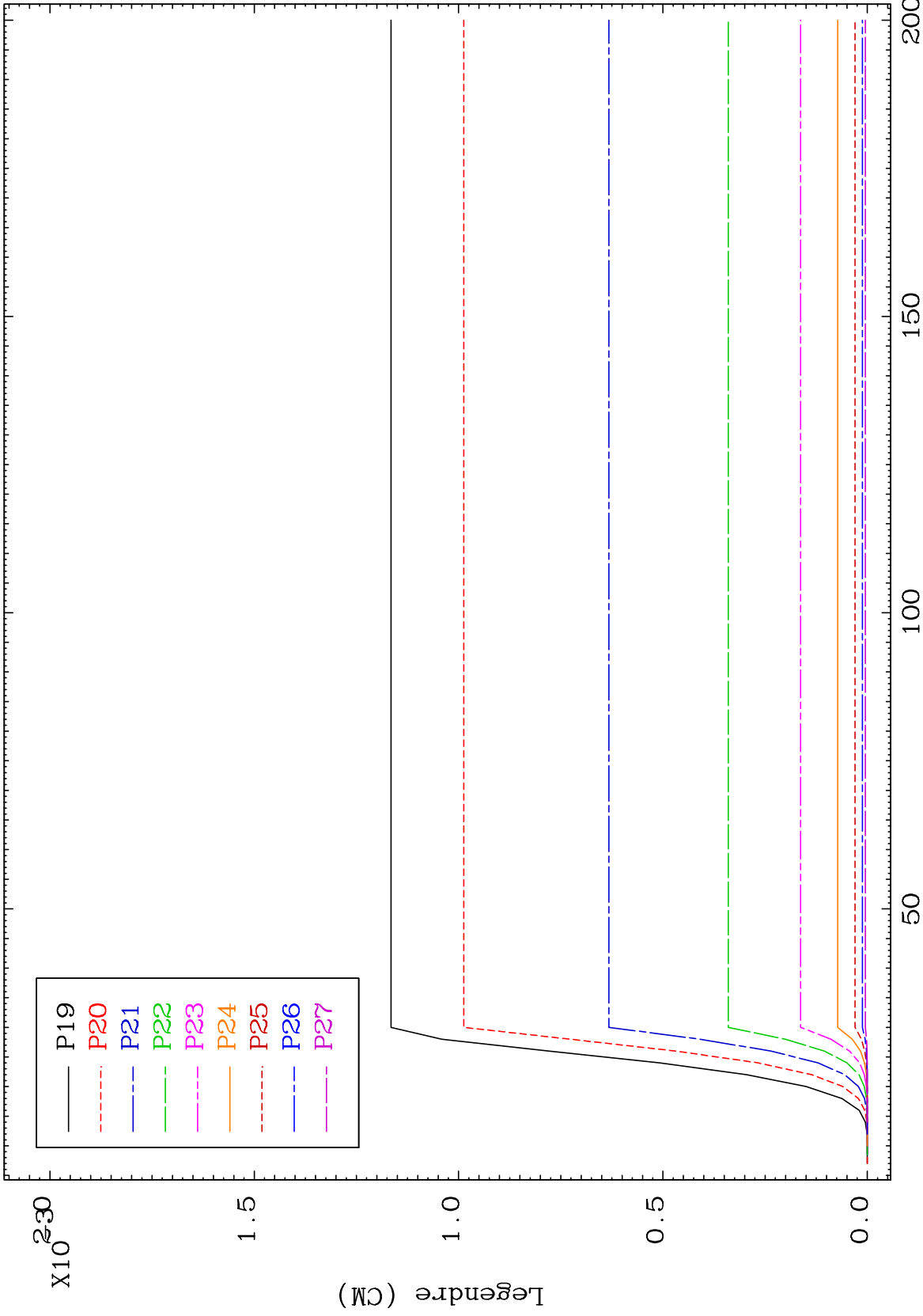
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



28

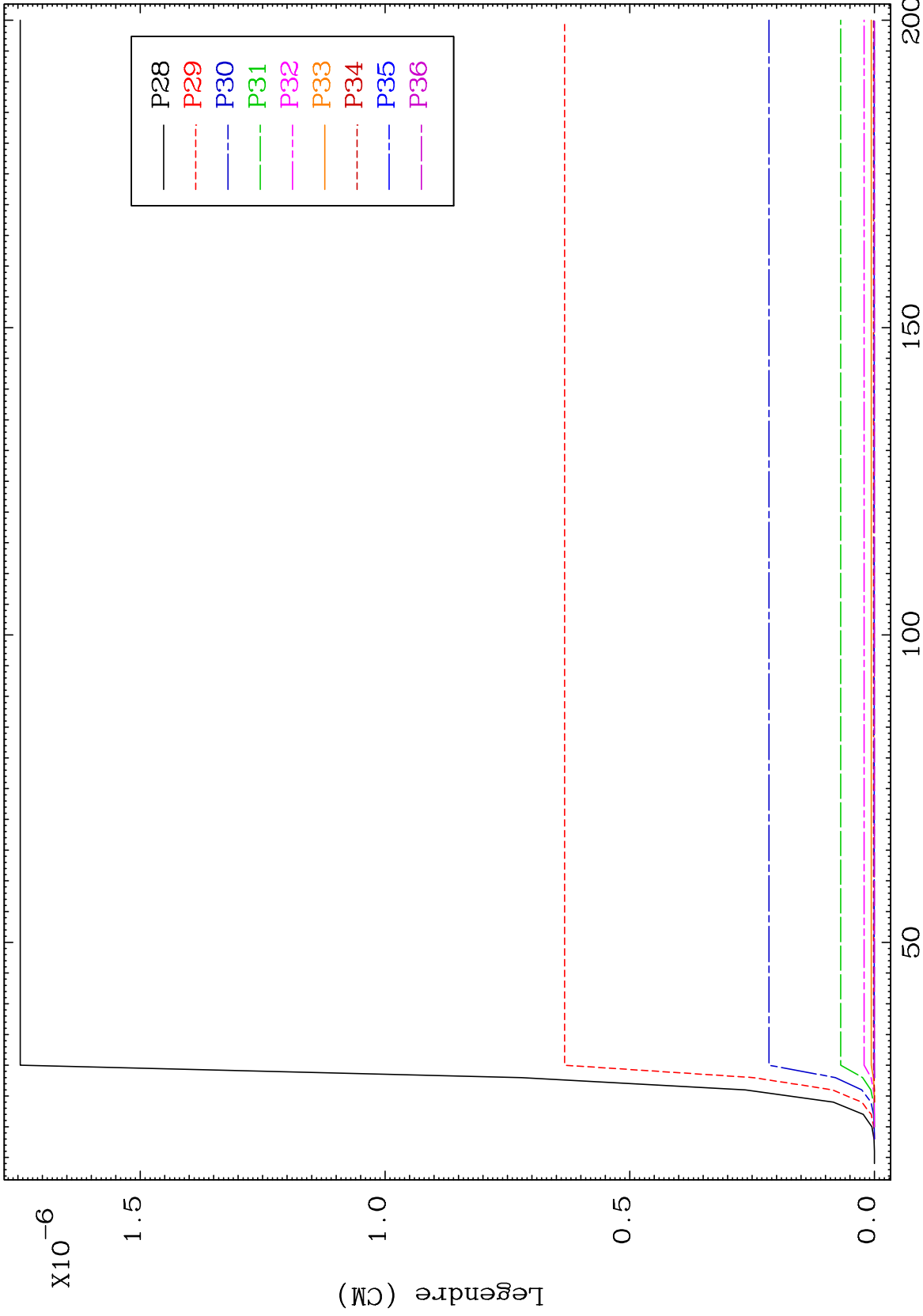
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



29

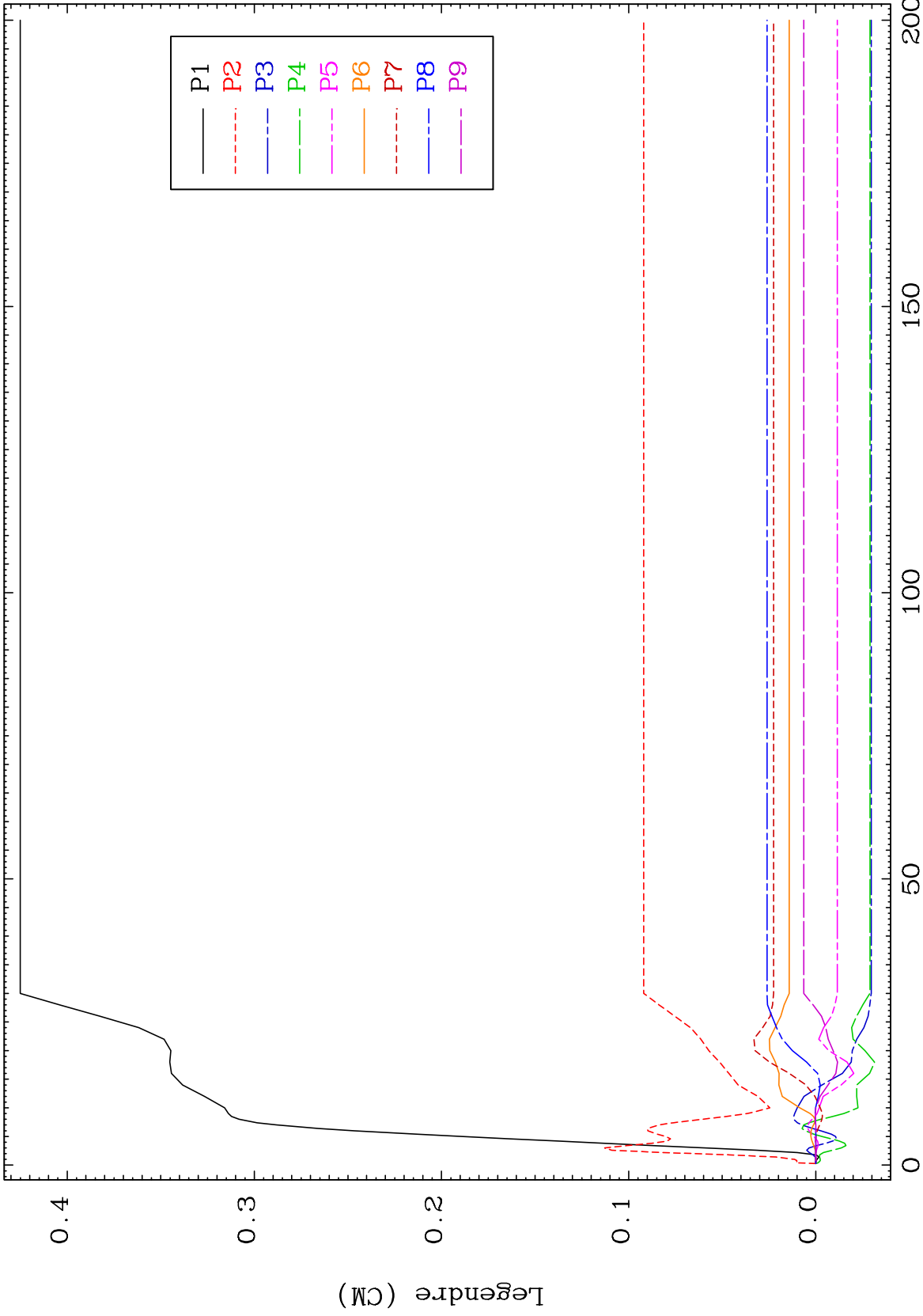
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

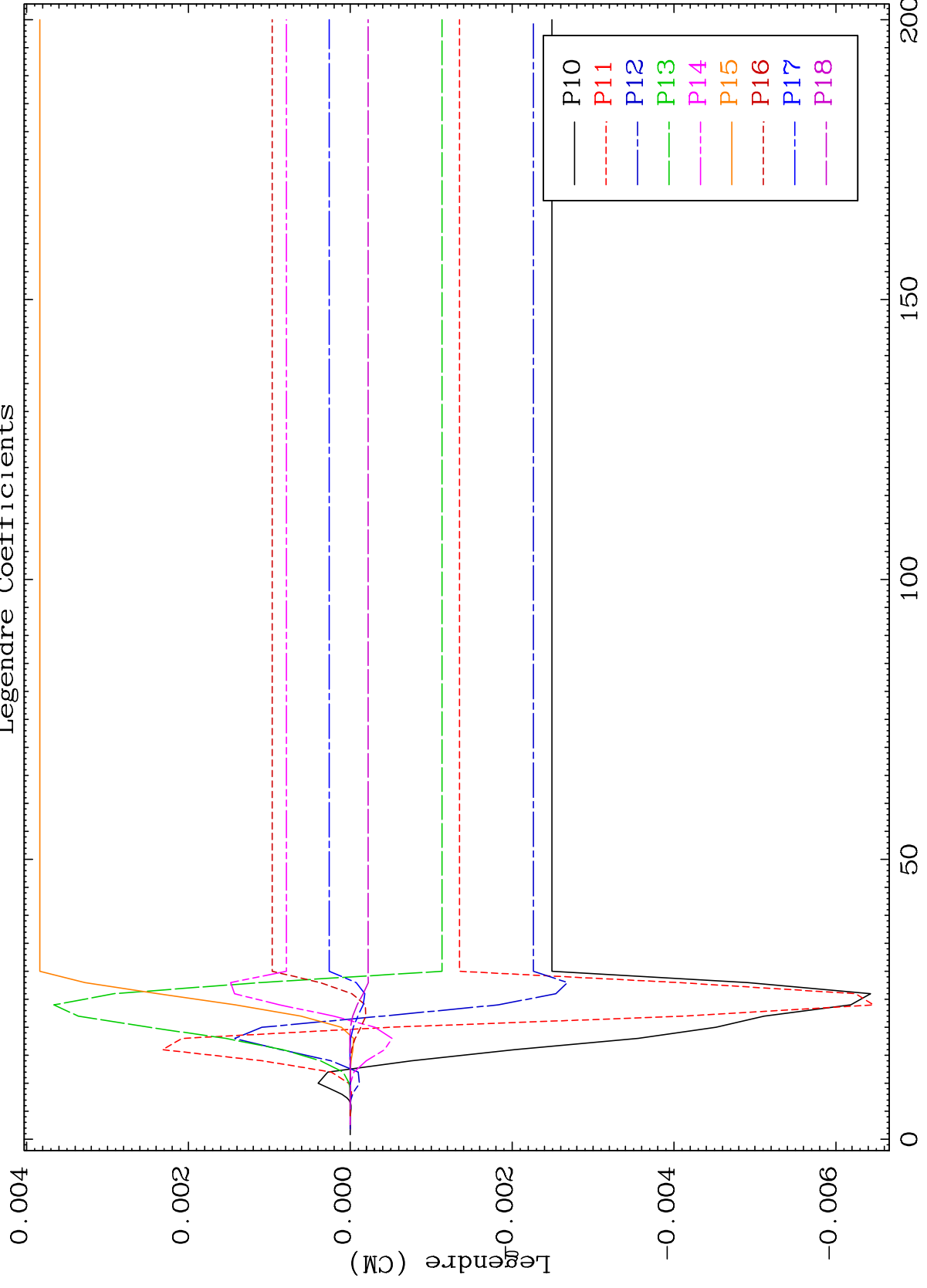
55-Cs-118



55-Cs-118

Incident Energy (MeV)

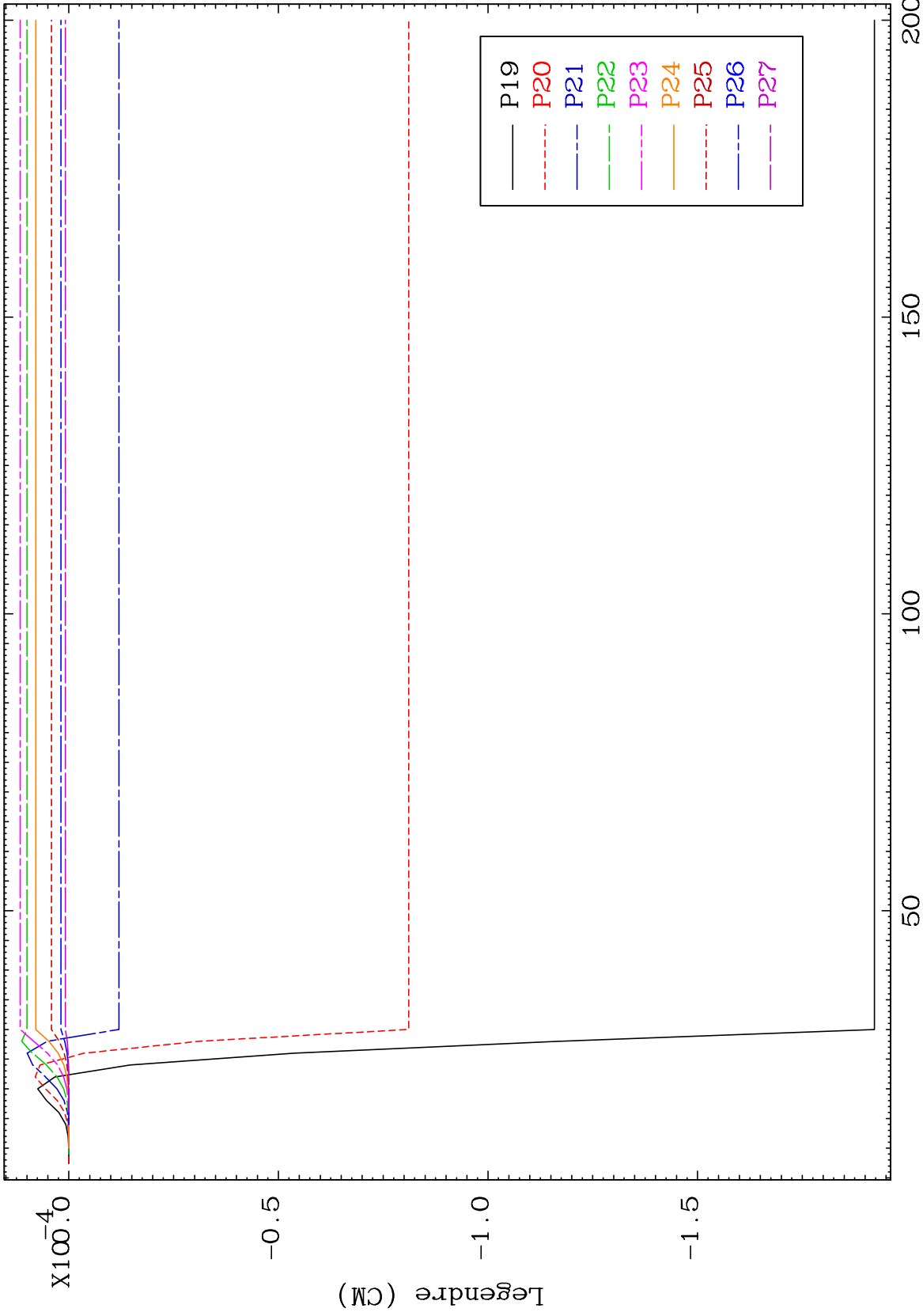
MAT 5480 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-118



MAT 5480

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

55-Cs-118



55-Cs-118

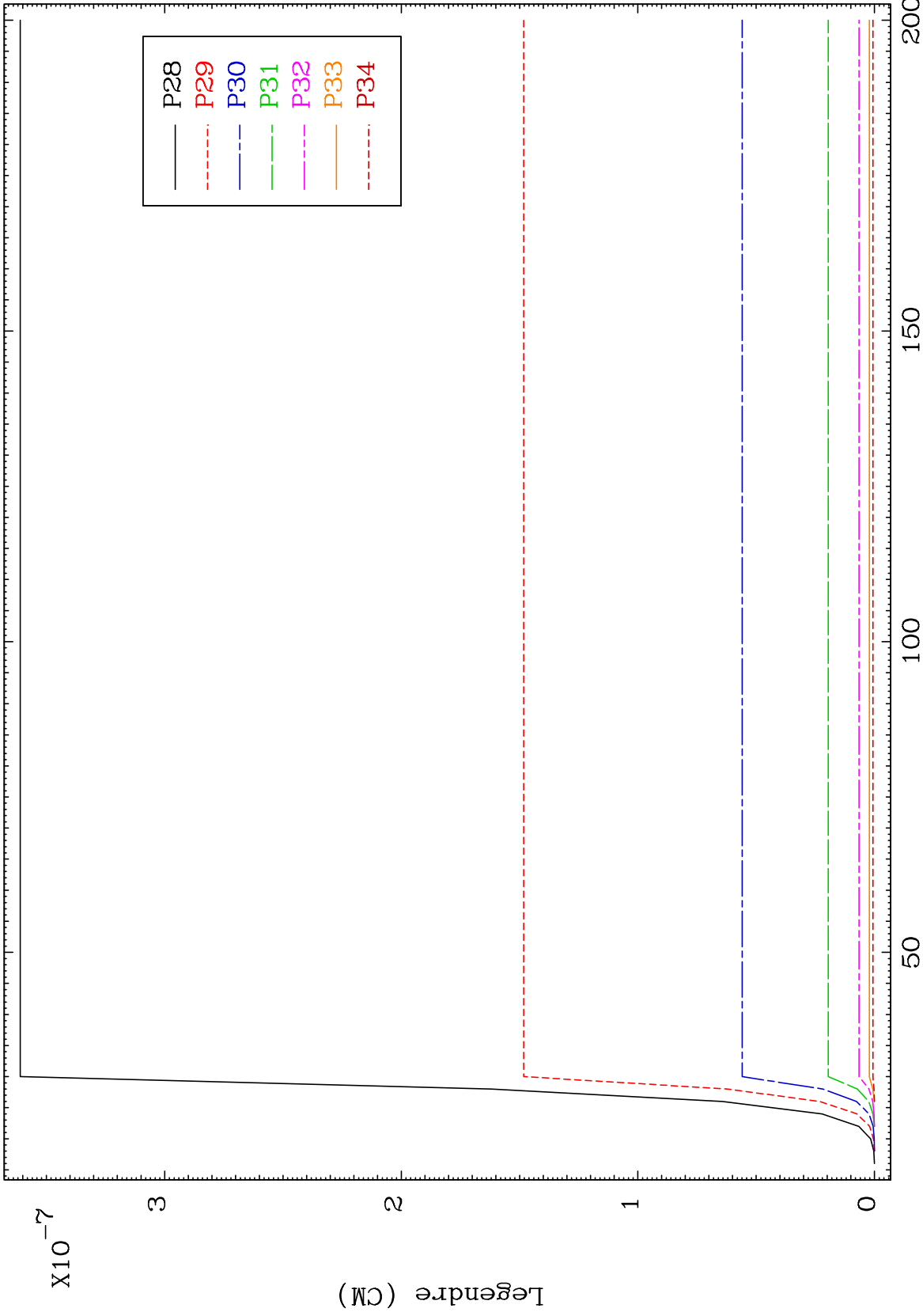
Incident Energy (MeV)

32

MAT 5480

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

55-Cs-118



33

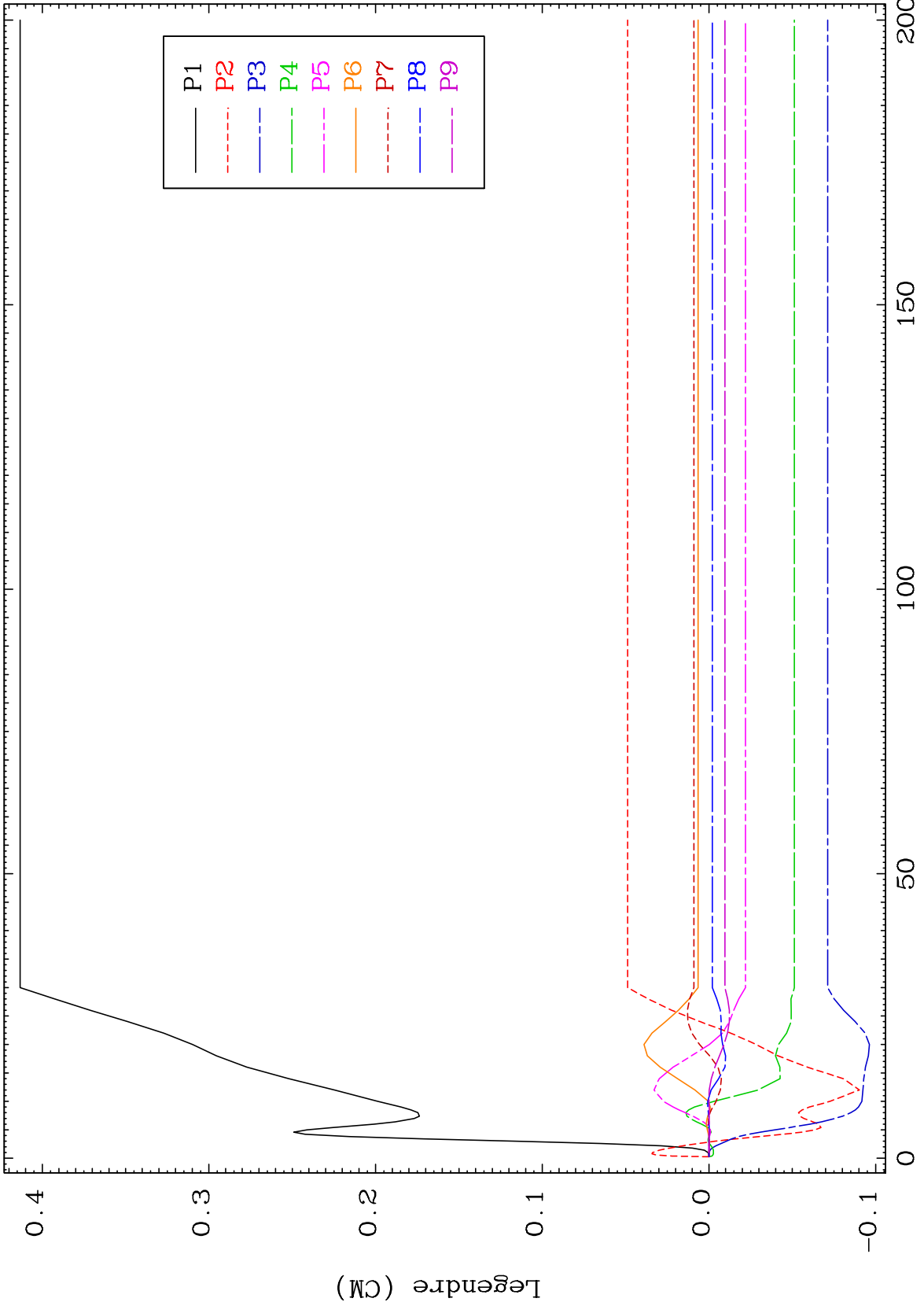
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



34

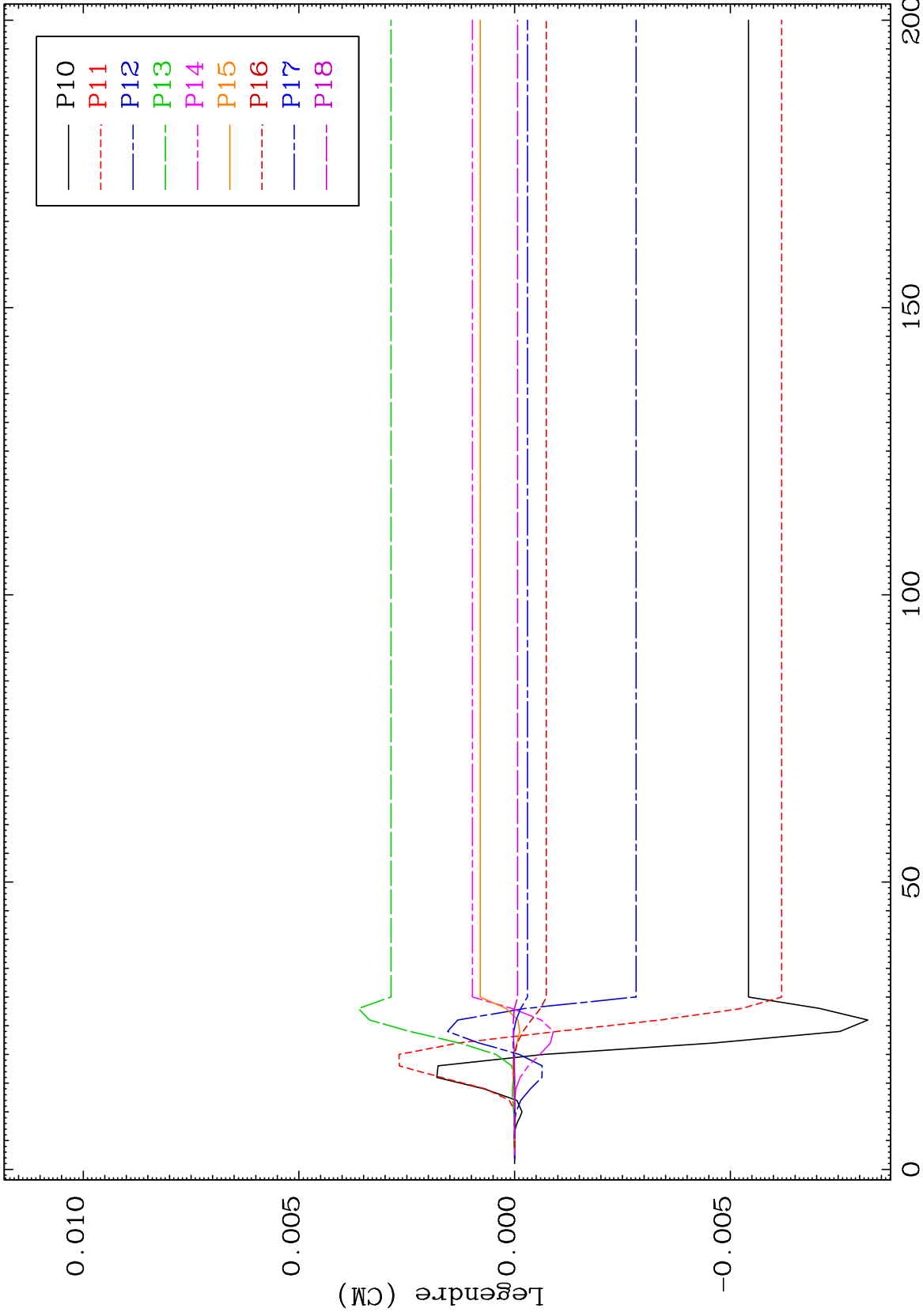
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



35

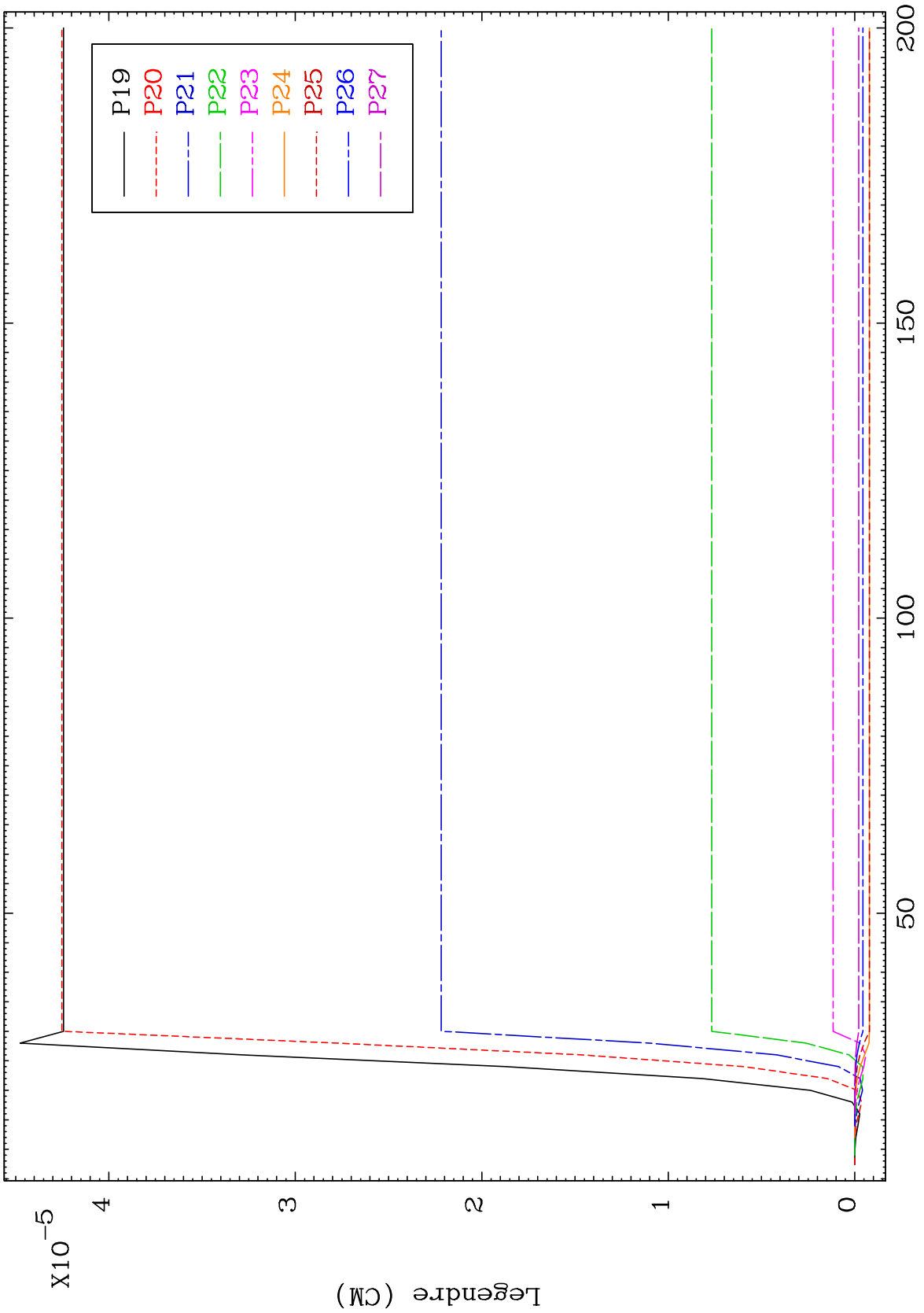
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



36

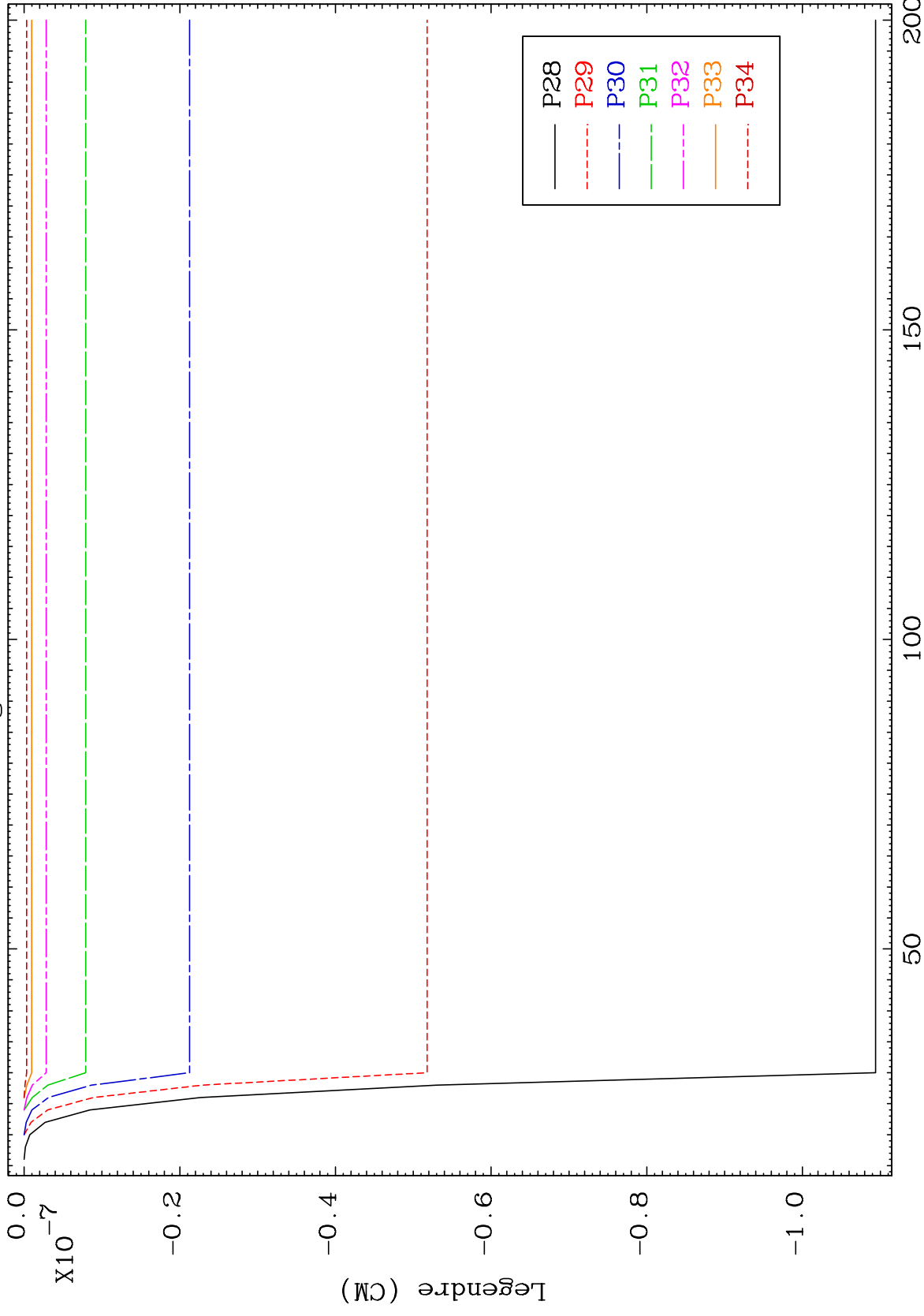
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

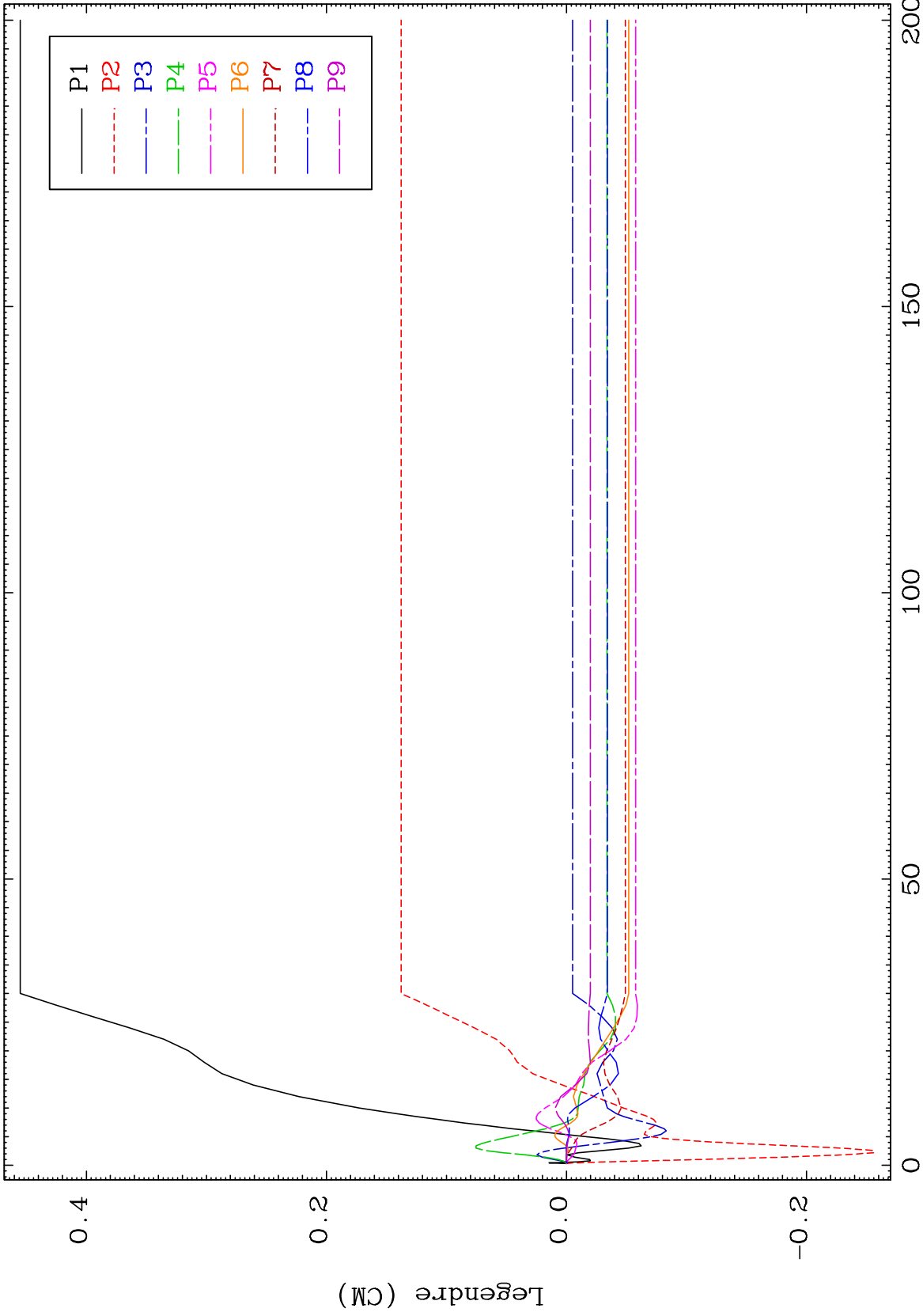
Incident Energy (MeV)

37

MAT 5480

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

55-Cs-118



38

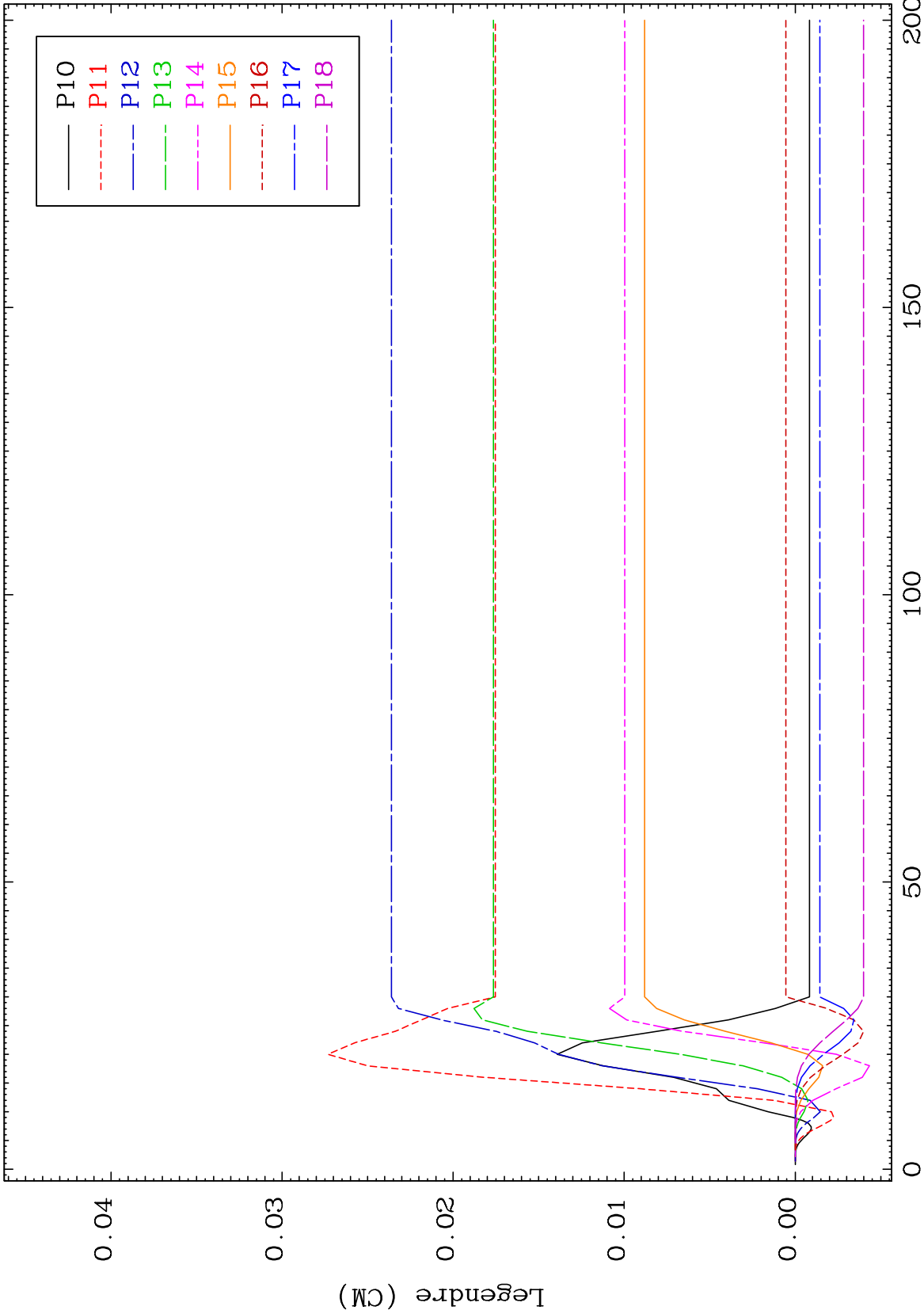
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118

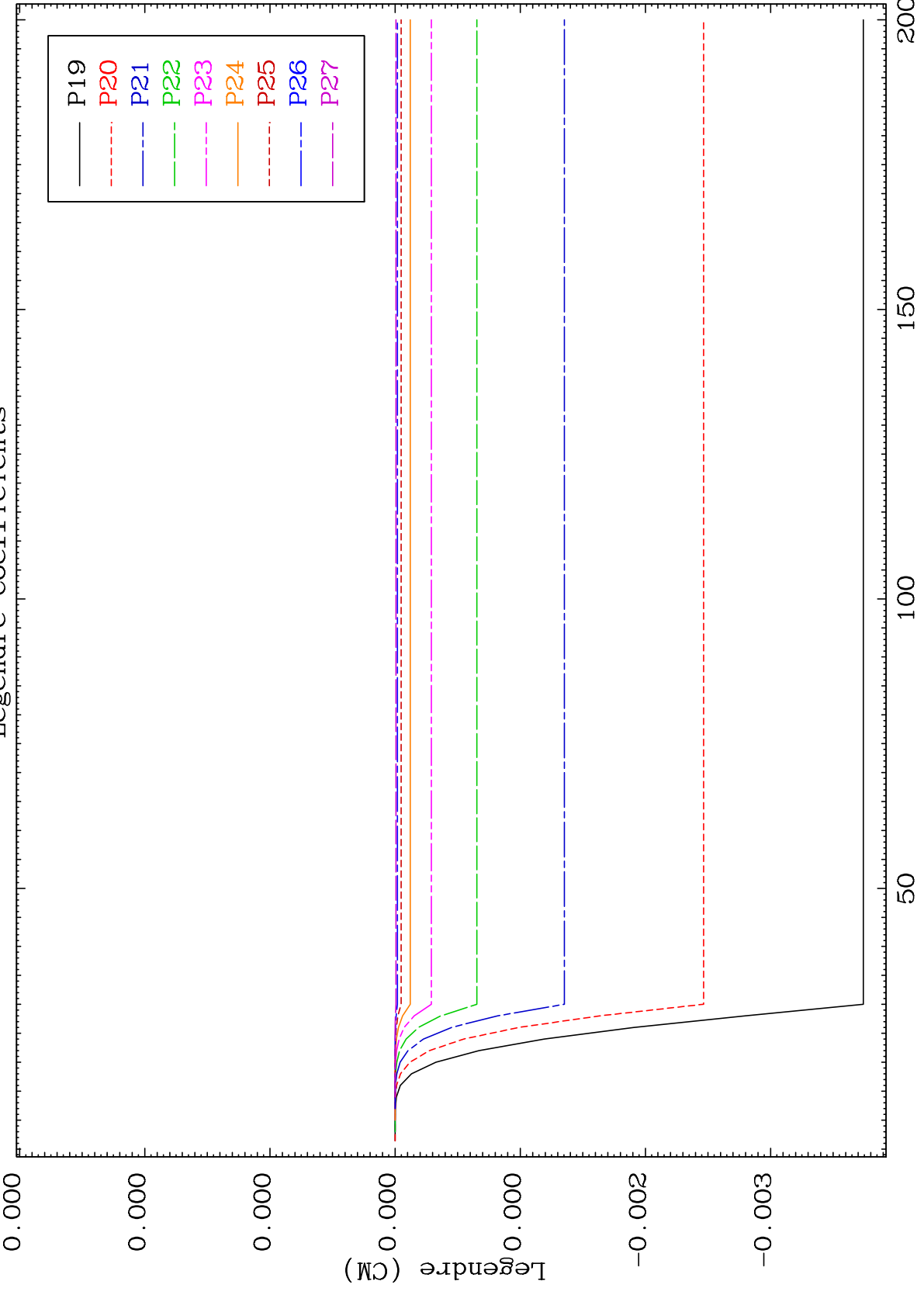


39

Incident Energy (MeV)

55-Cs-118

MAT 5480 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-118

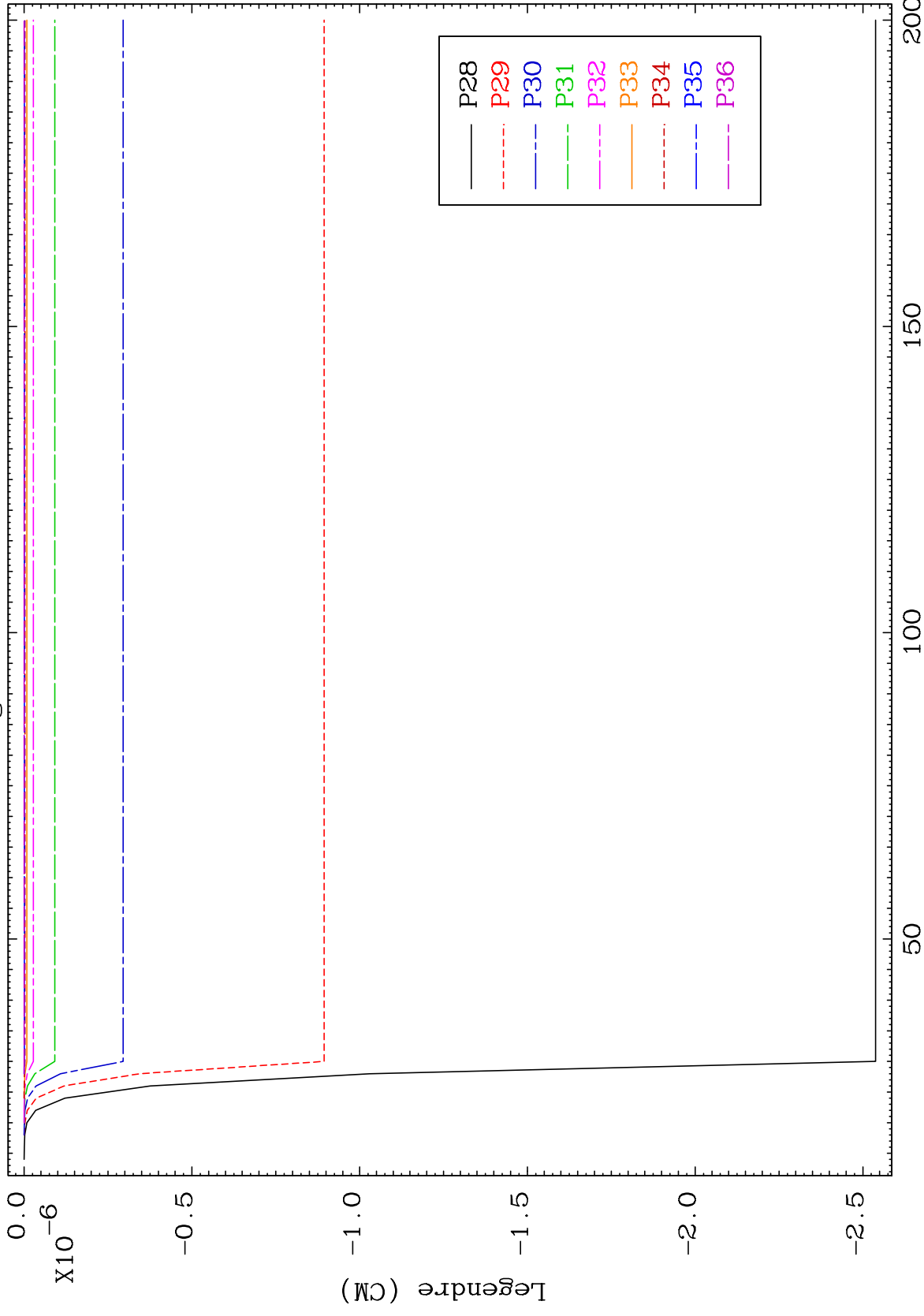


40 Incident Energy (MeV) 55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

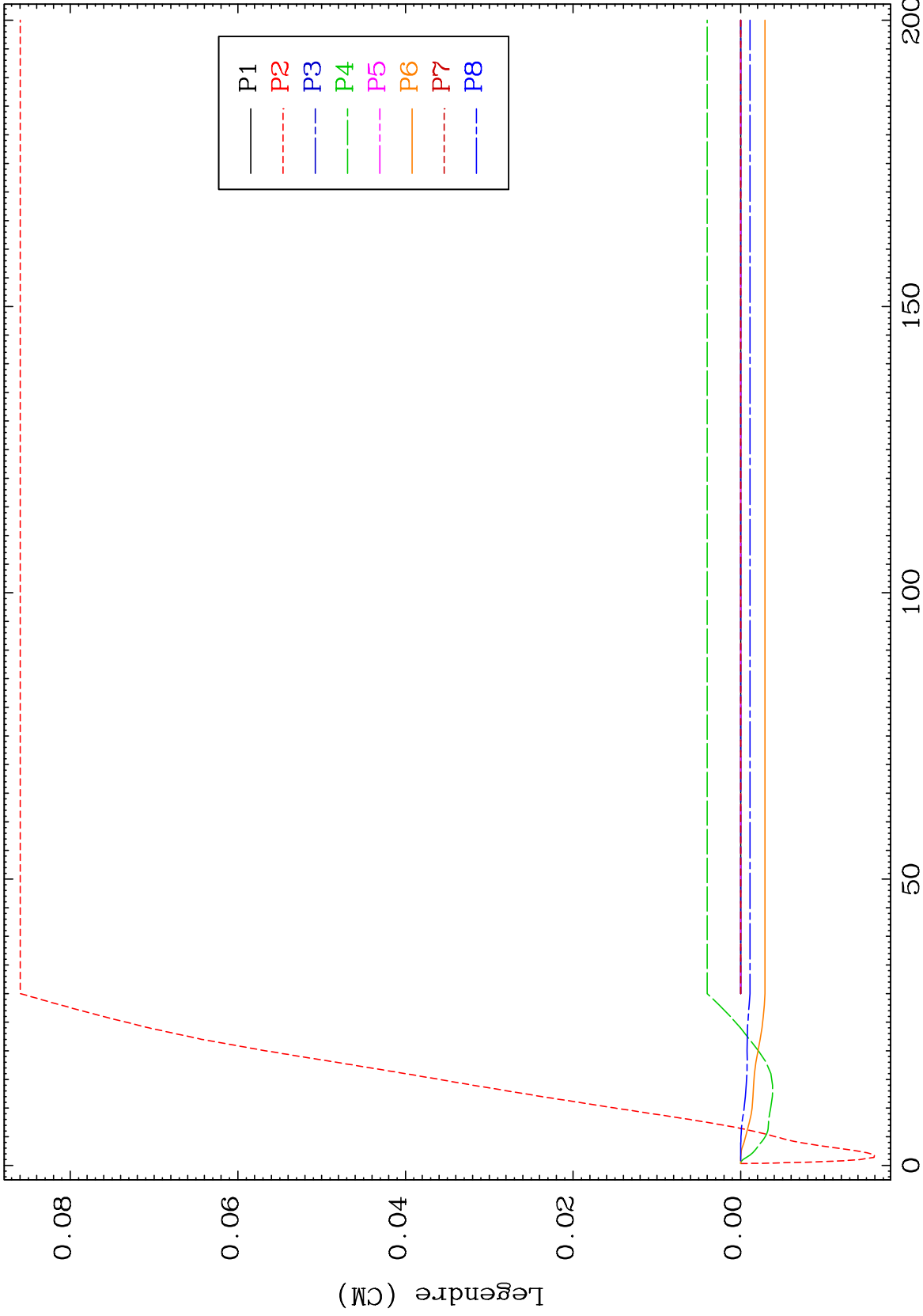
Incident Energy (MeV)

41

MAT 5480

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

55-Cs-118



42

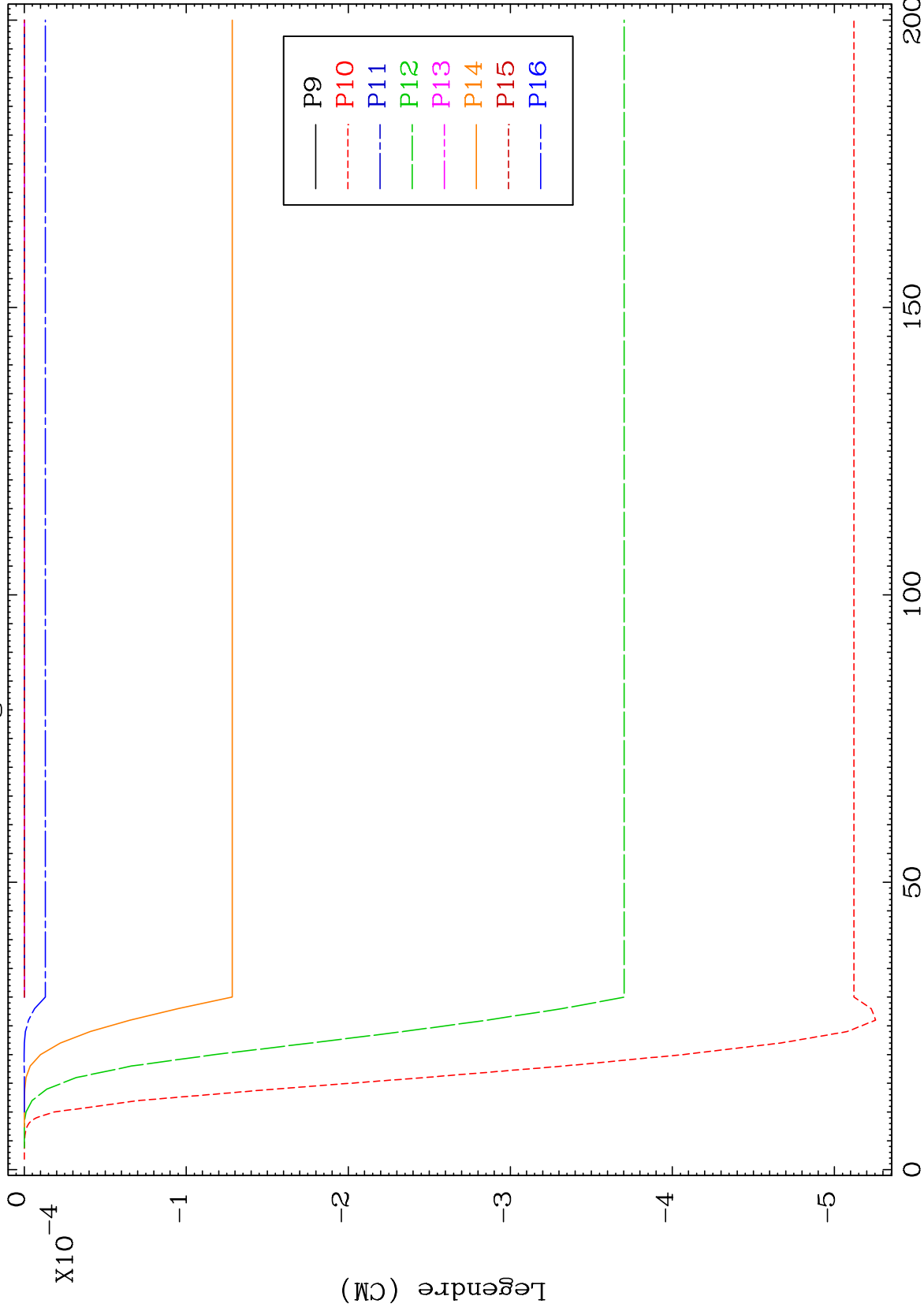
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



43

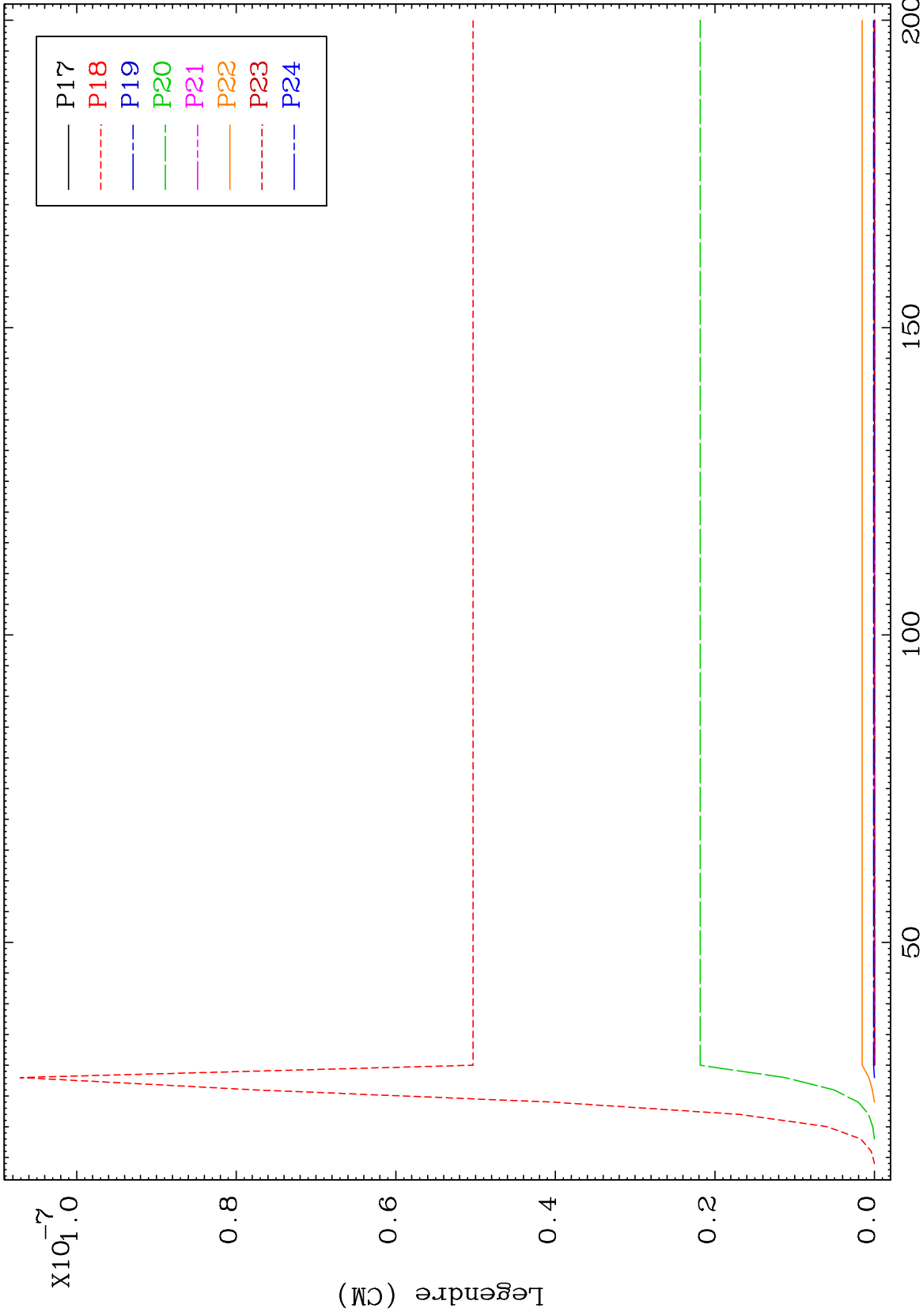
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



44

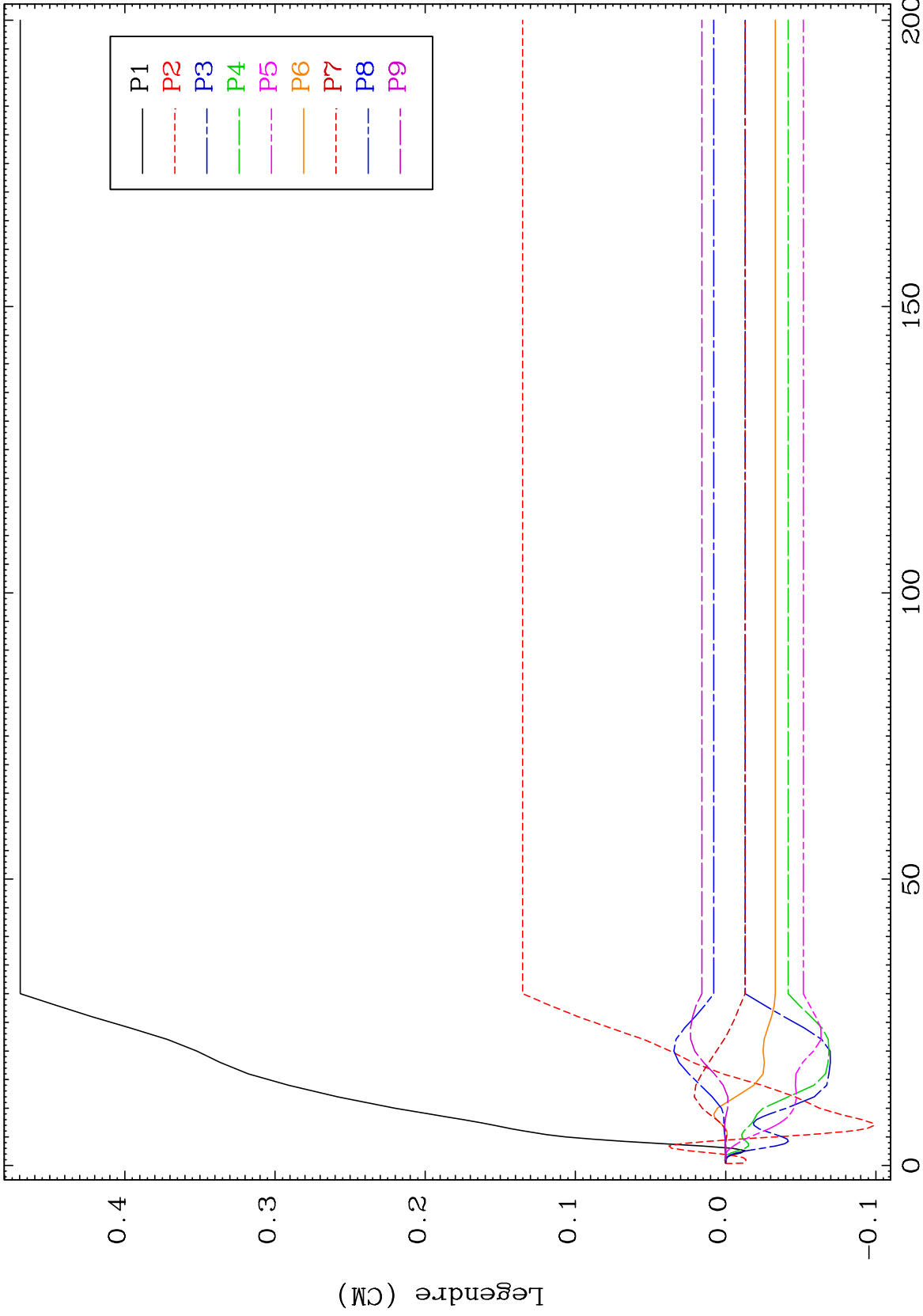
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

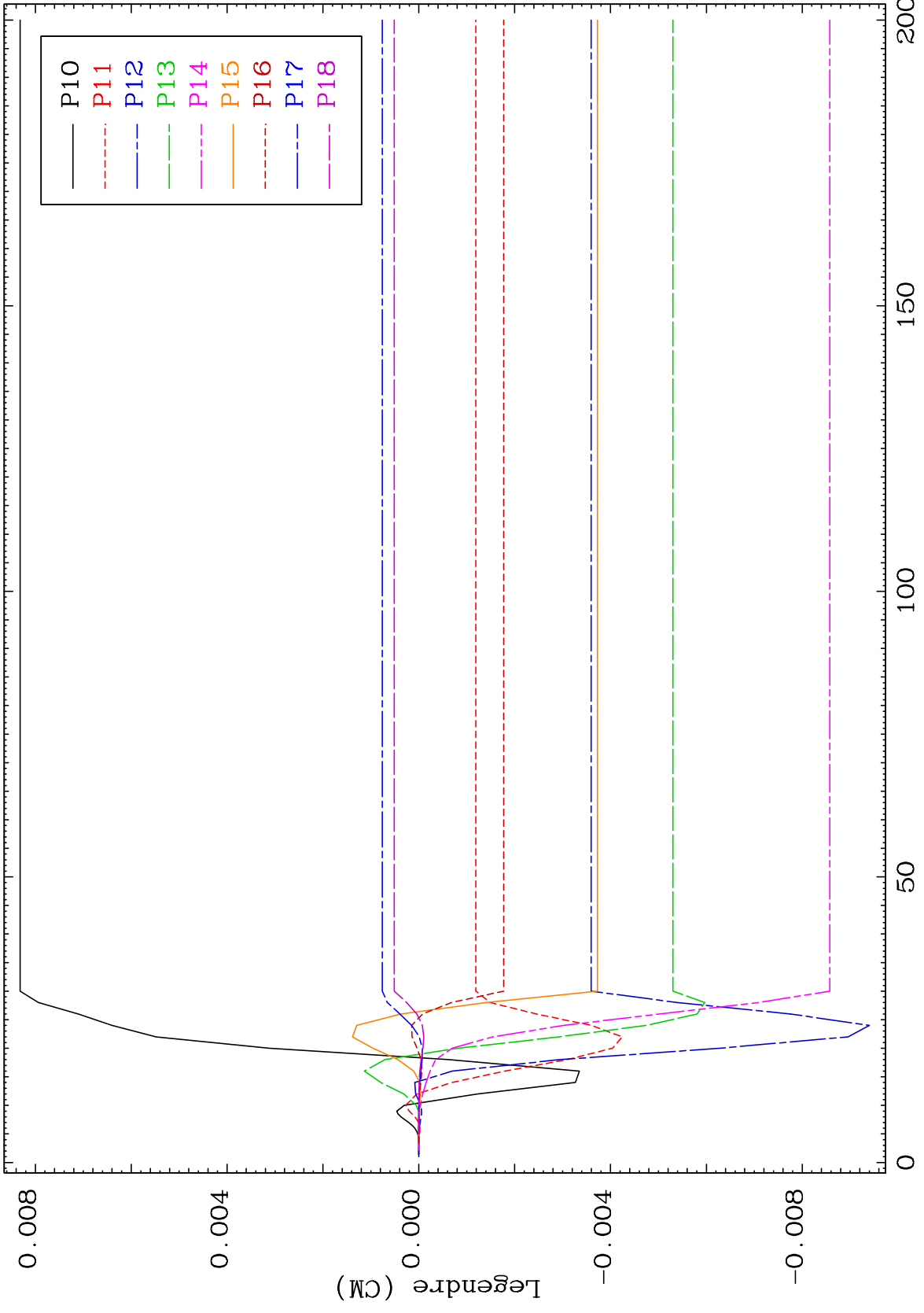
Incident Energy (MeV)

45

MAT 5480

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

55-Cs-118



46

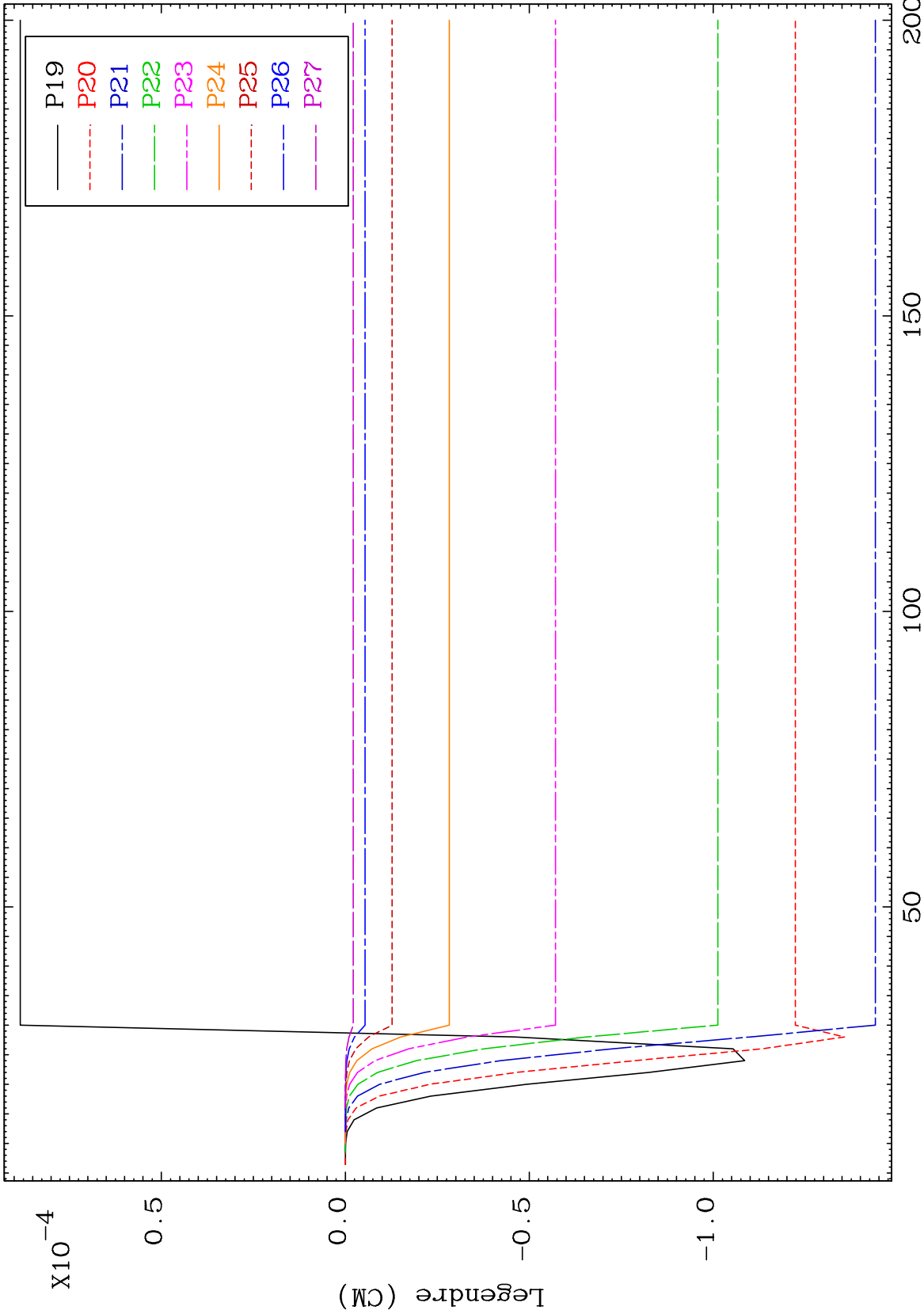
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



47

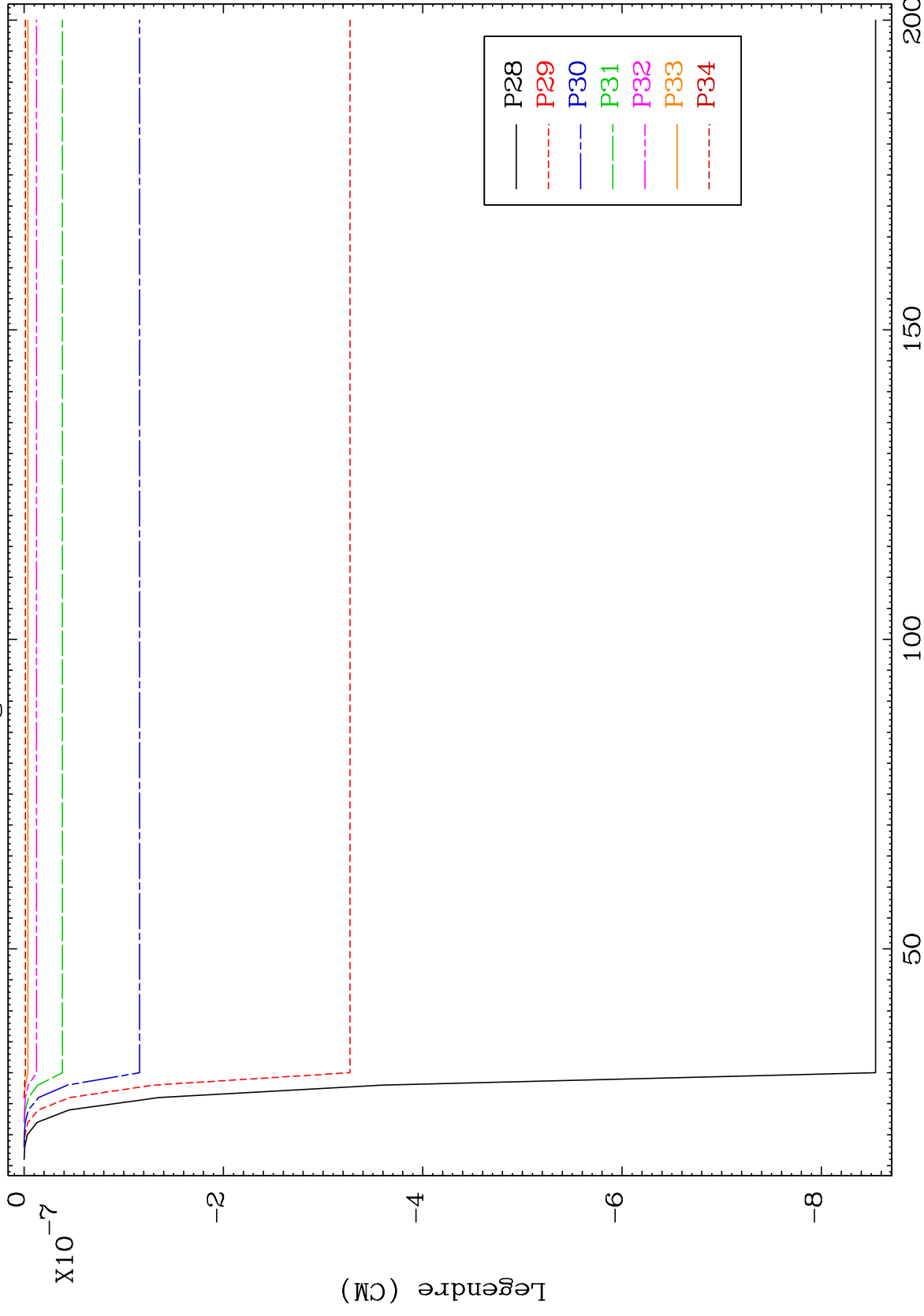
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118

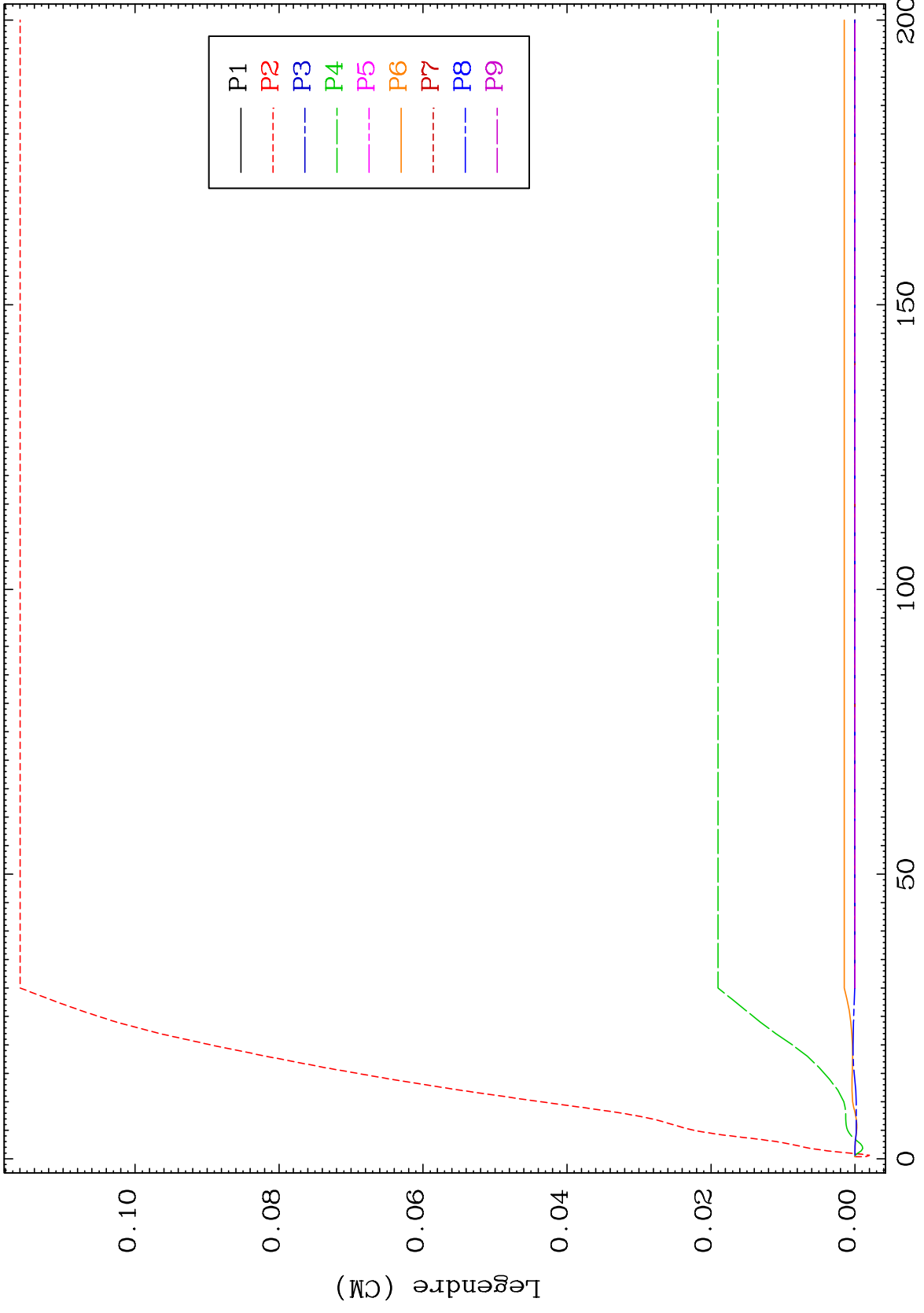


55-Cs-118

Incident Energy (MeV)

48

MAT 5480 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-118

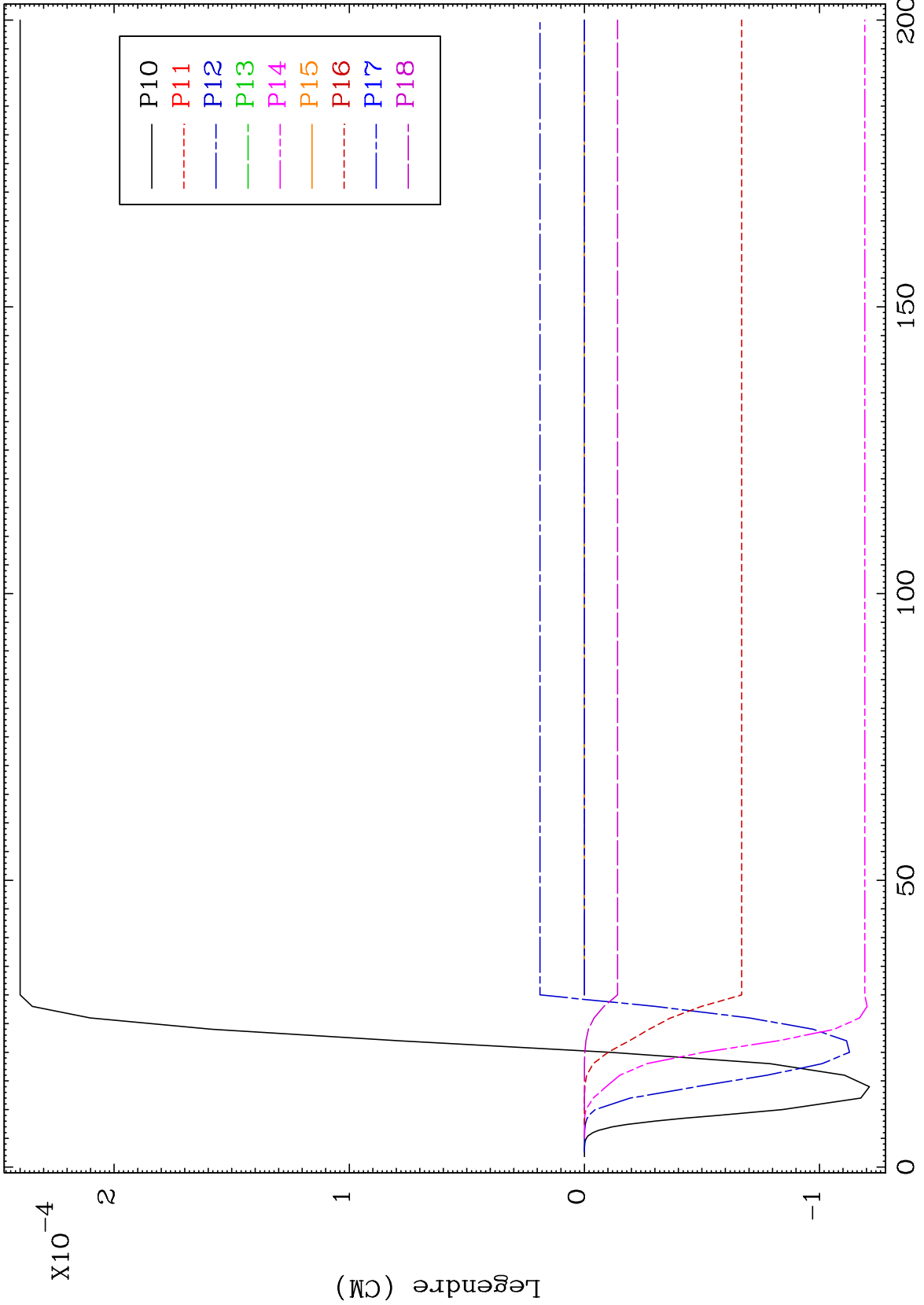


49 55-Cs-118

MAT 5480

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

55-Cs-118



50

100

150

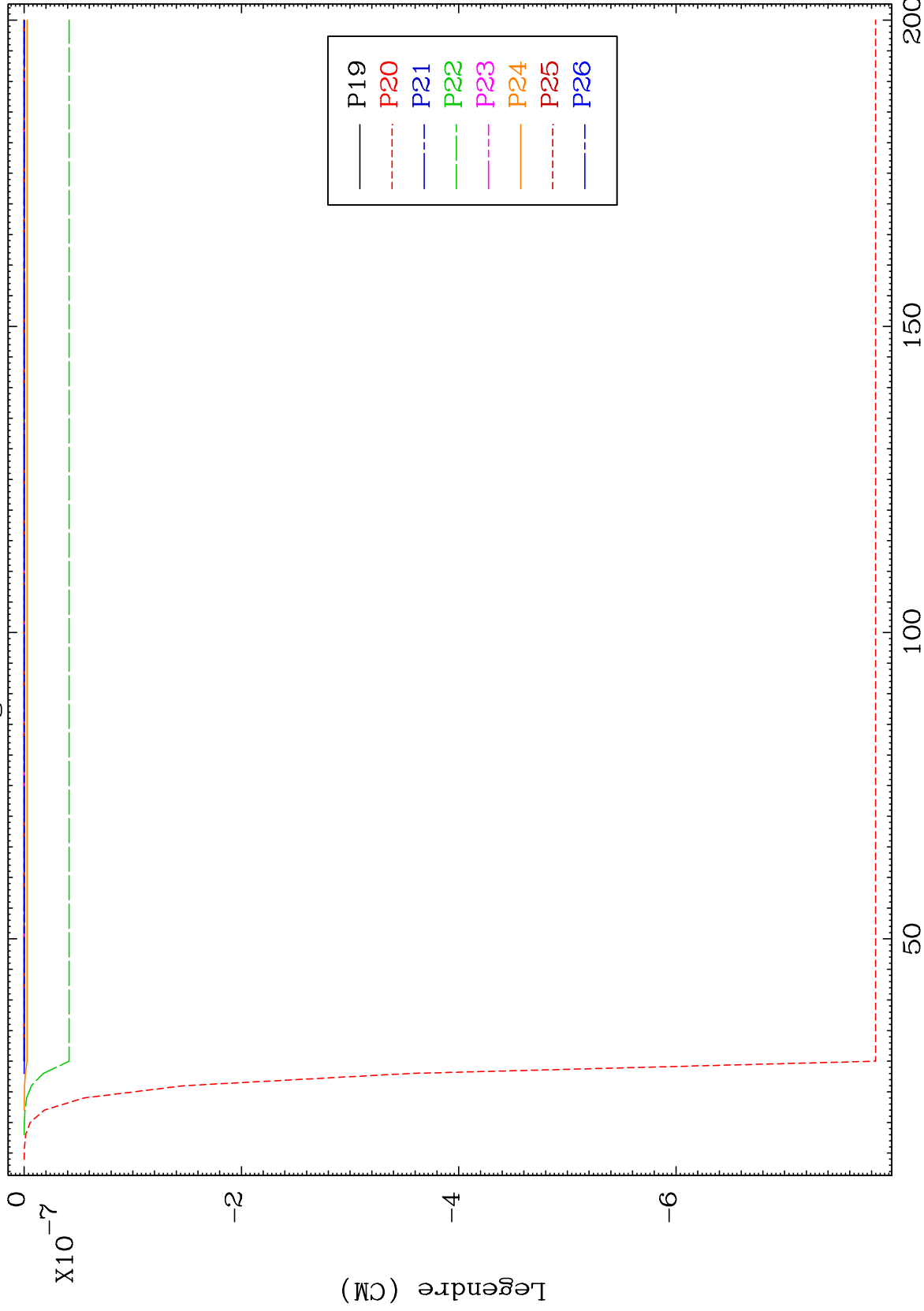
200

55-Cs-118

MAT 5480

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

55-Cs-118



51

Incident Energy (MeV)

55-Cs-118

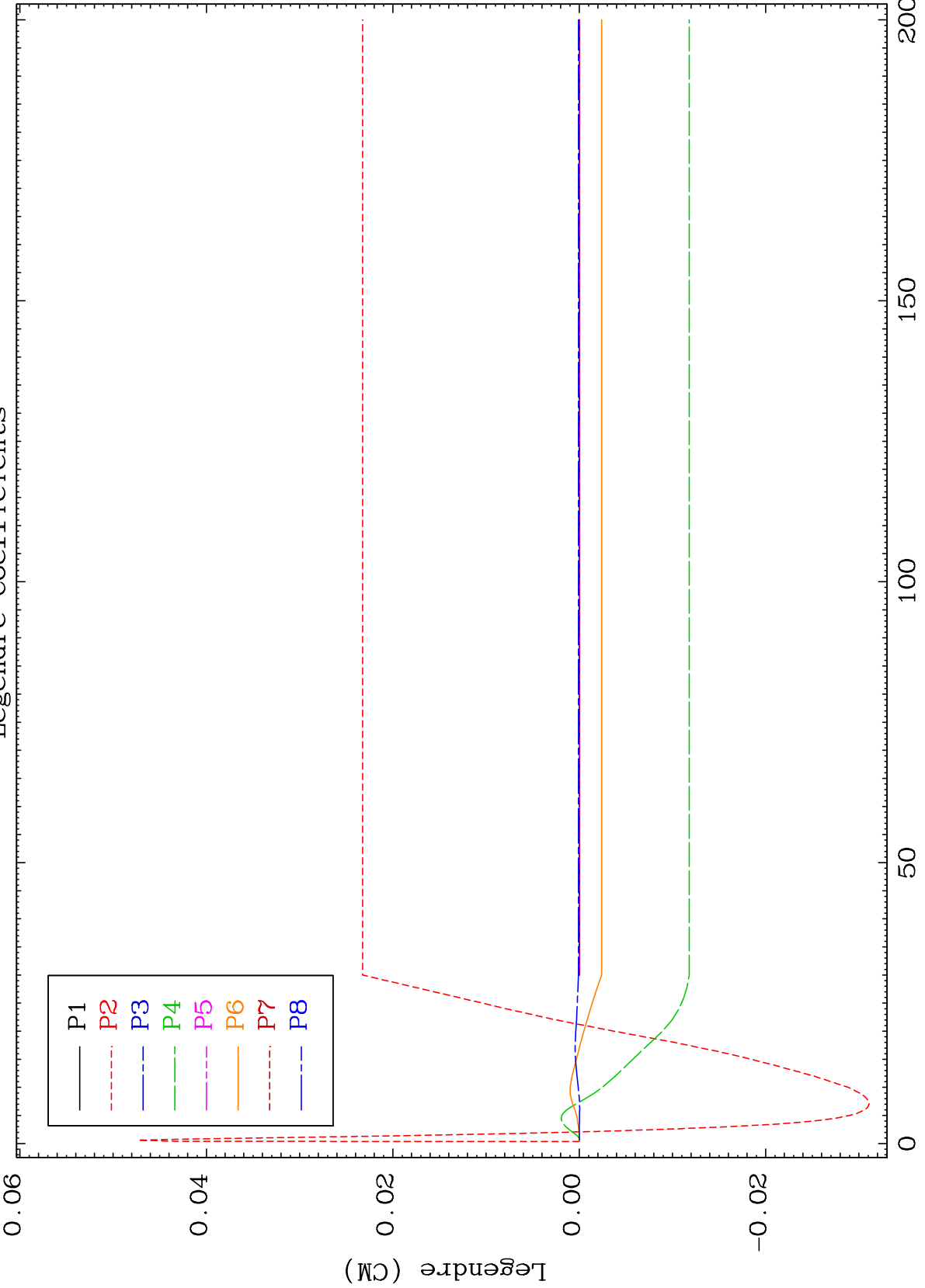
MAT 5480 MT= 60 (n,n') Level Legendre Coefficients

55-Cs-118

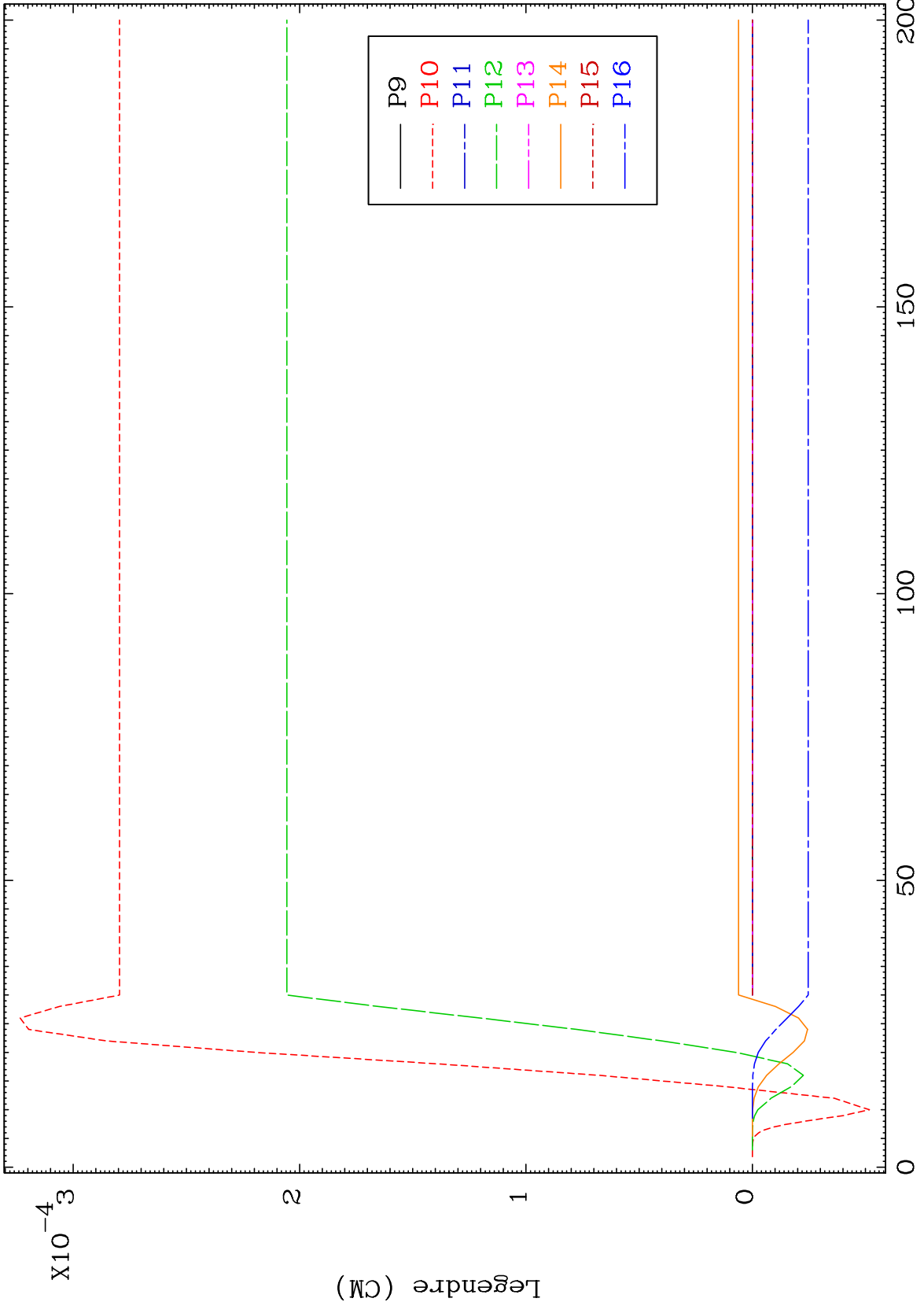
55-Cs-118

Incident Energy (MeV)

52



MAT 5480 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-118

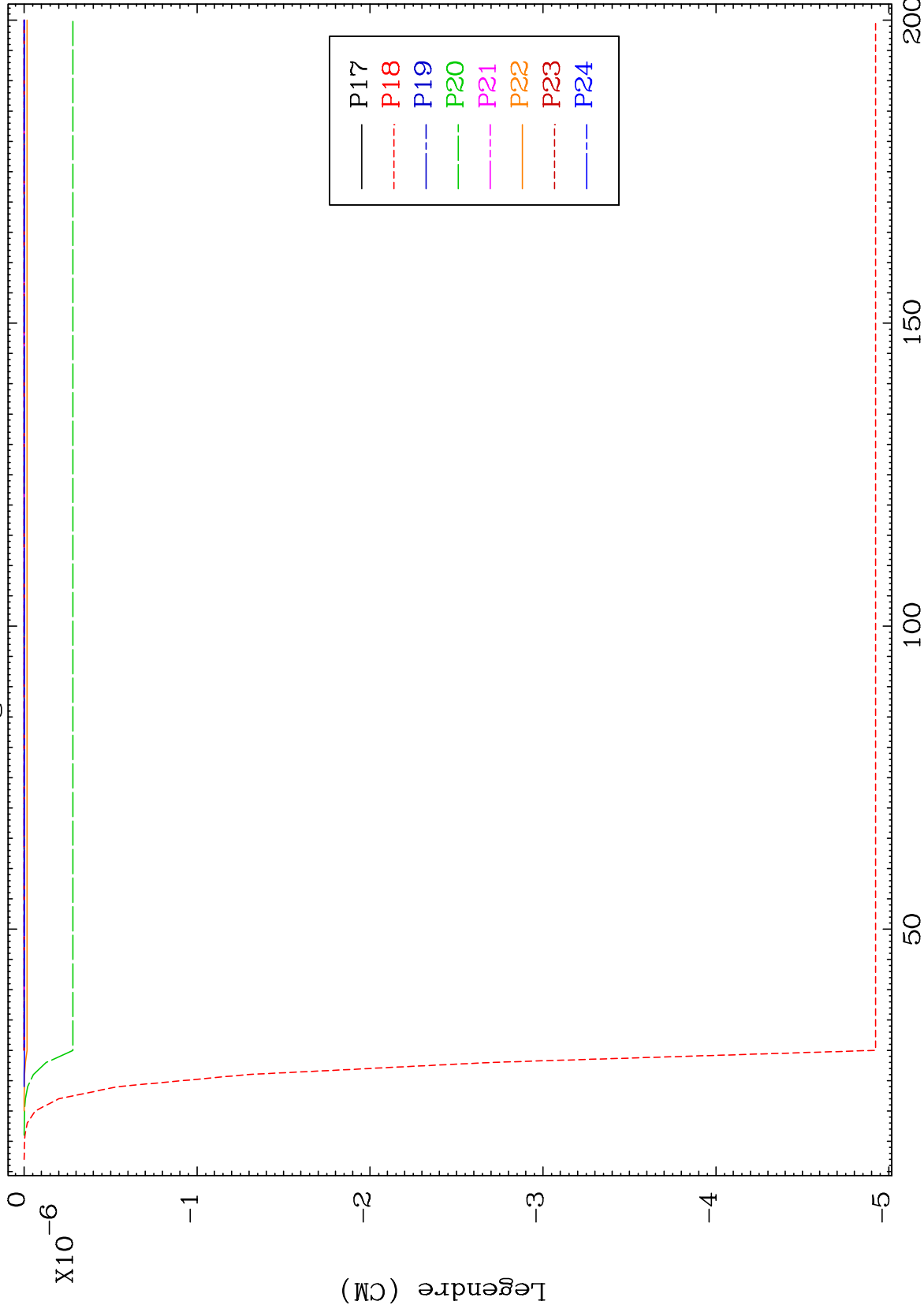


53 55-Cs-118

MAT 5480

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

55-Cs-118



55-Cs-118

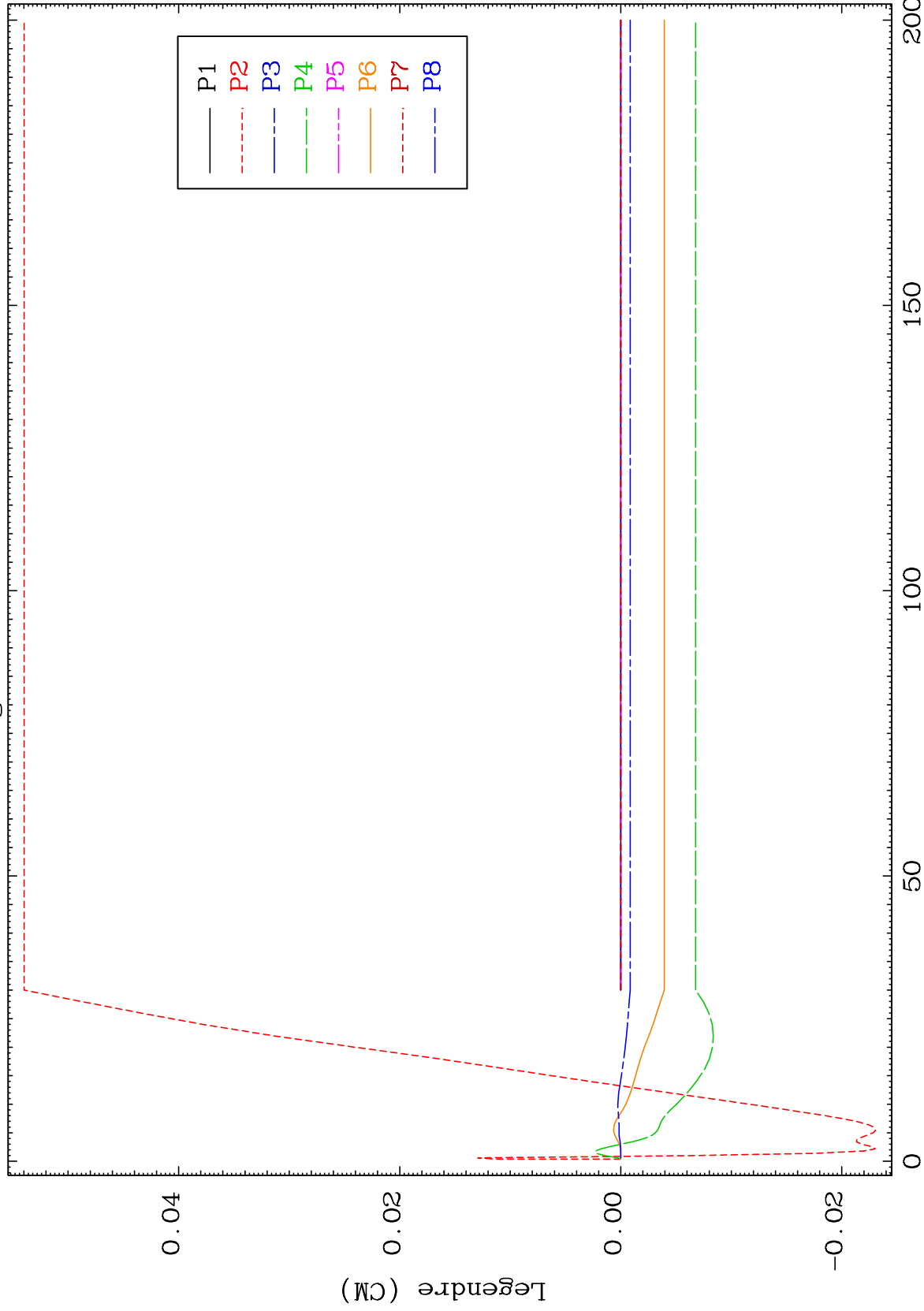
Incident Energy (MeV)

54

MAT 5480

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

55-Cs-118



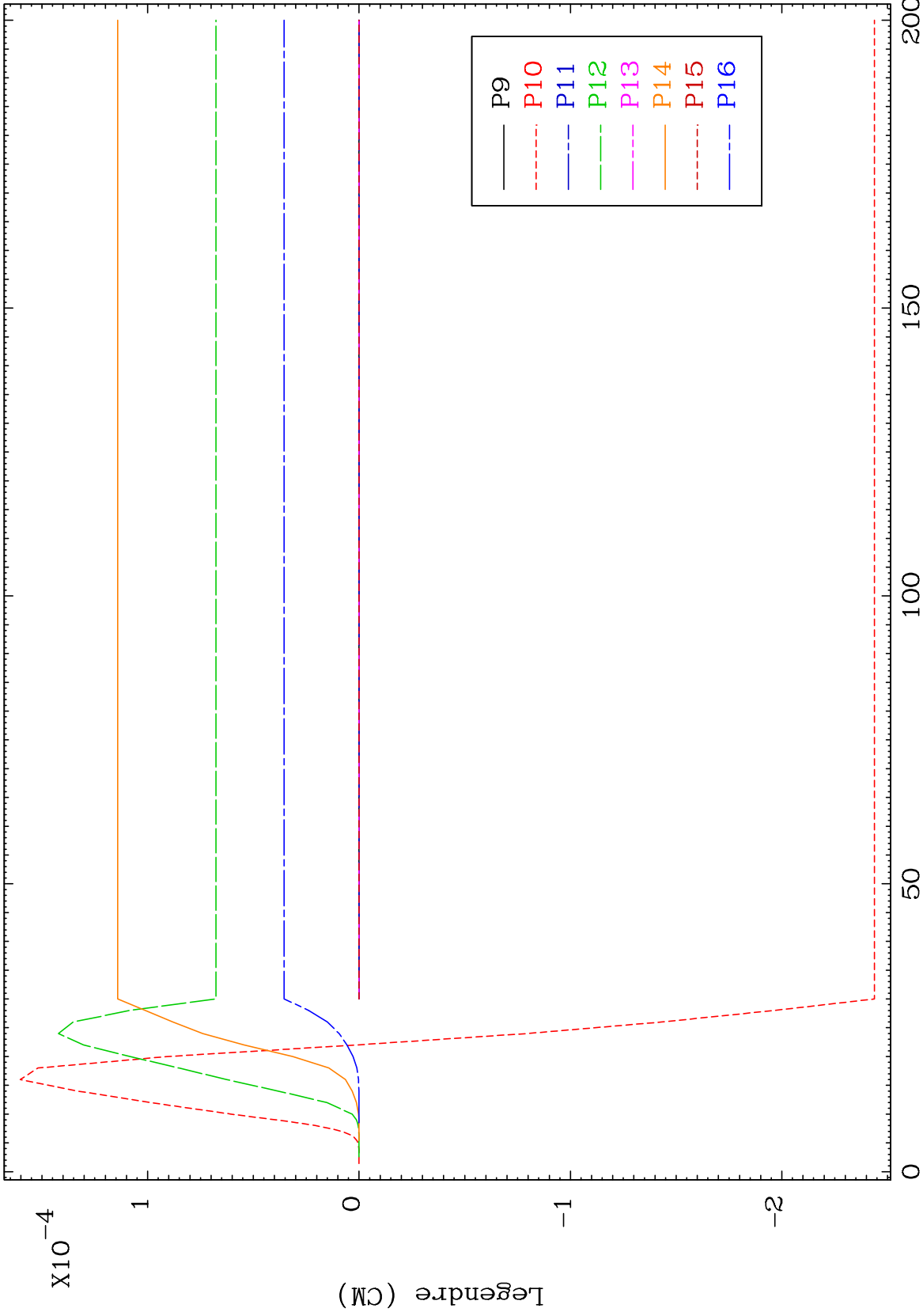
55-Cs-118

Incident Energy (MeV)

MAT 5480

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

55-Cs-118



56

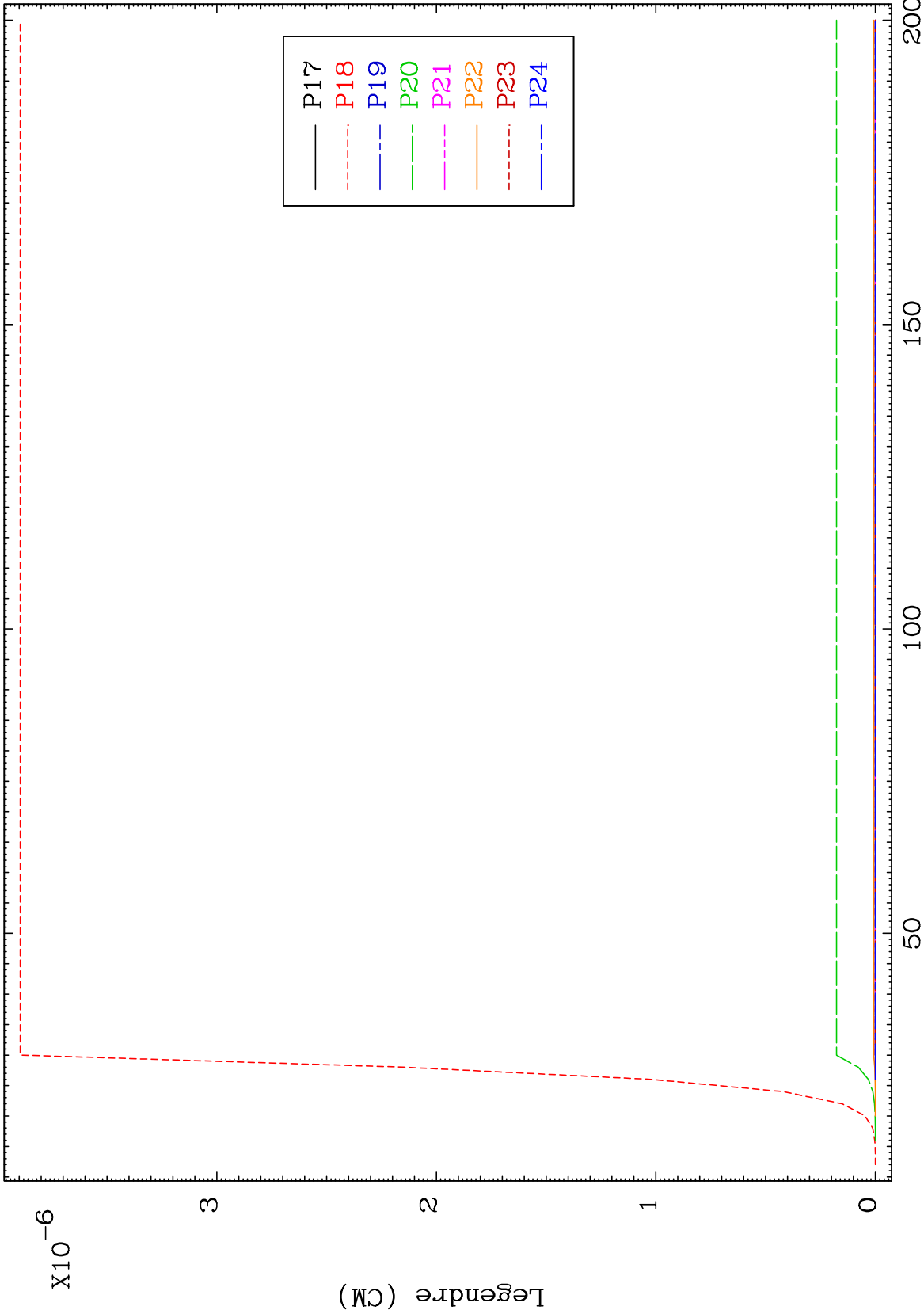
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



57

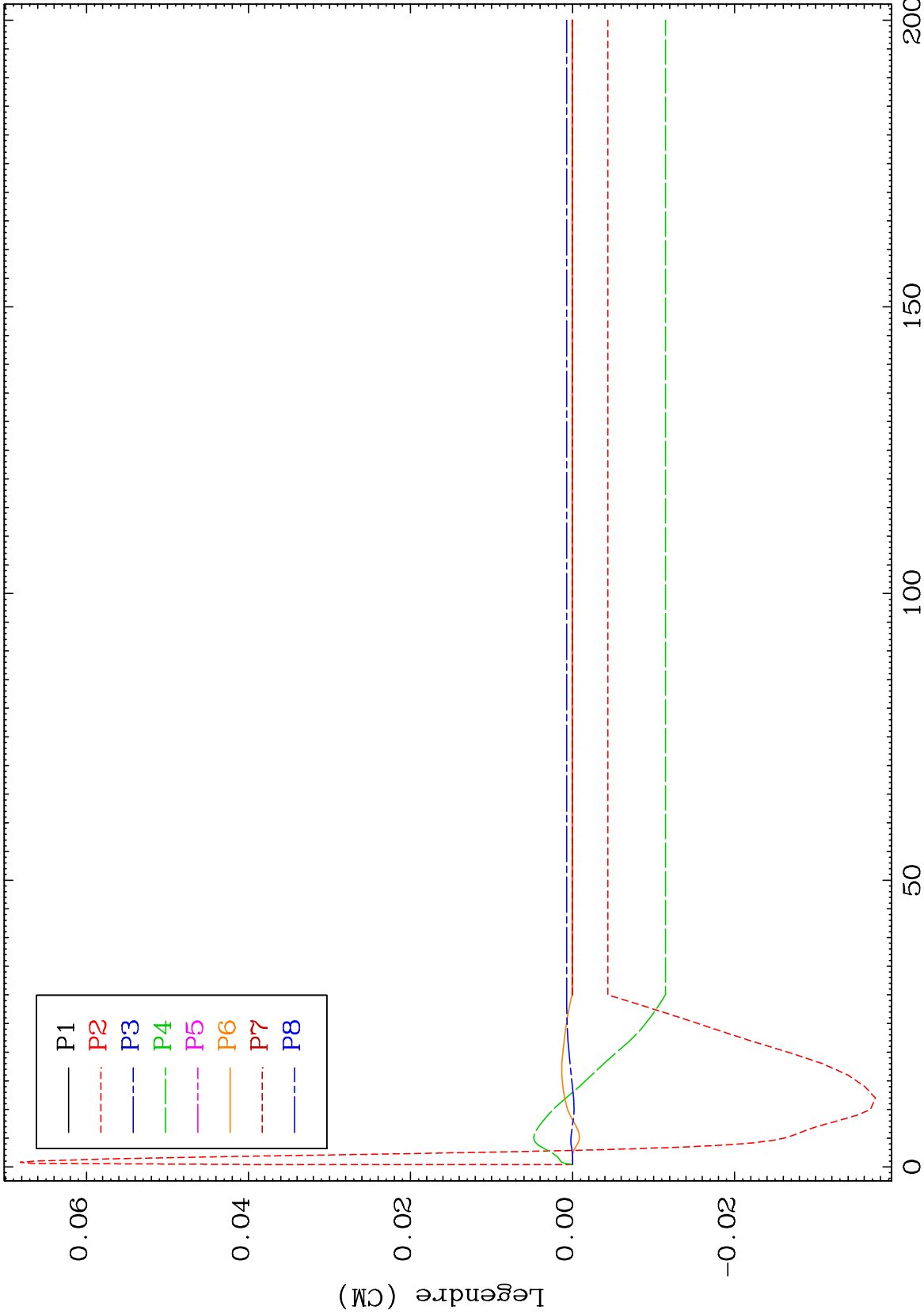
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



58

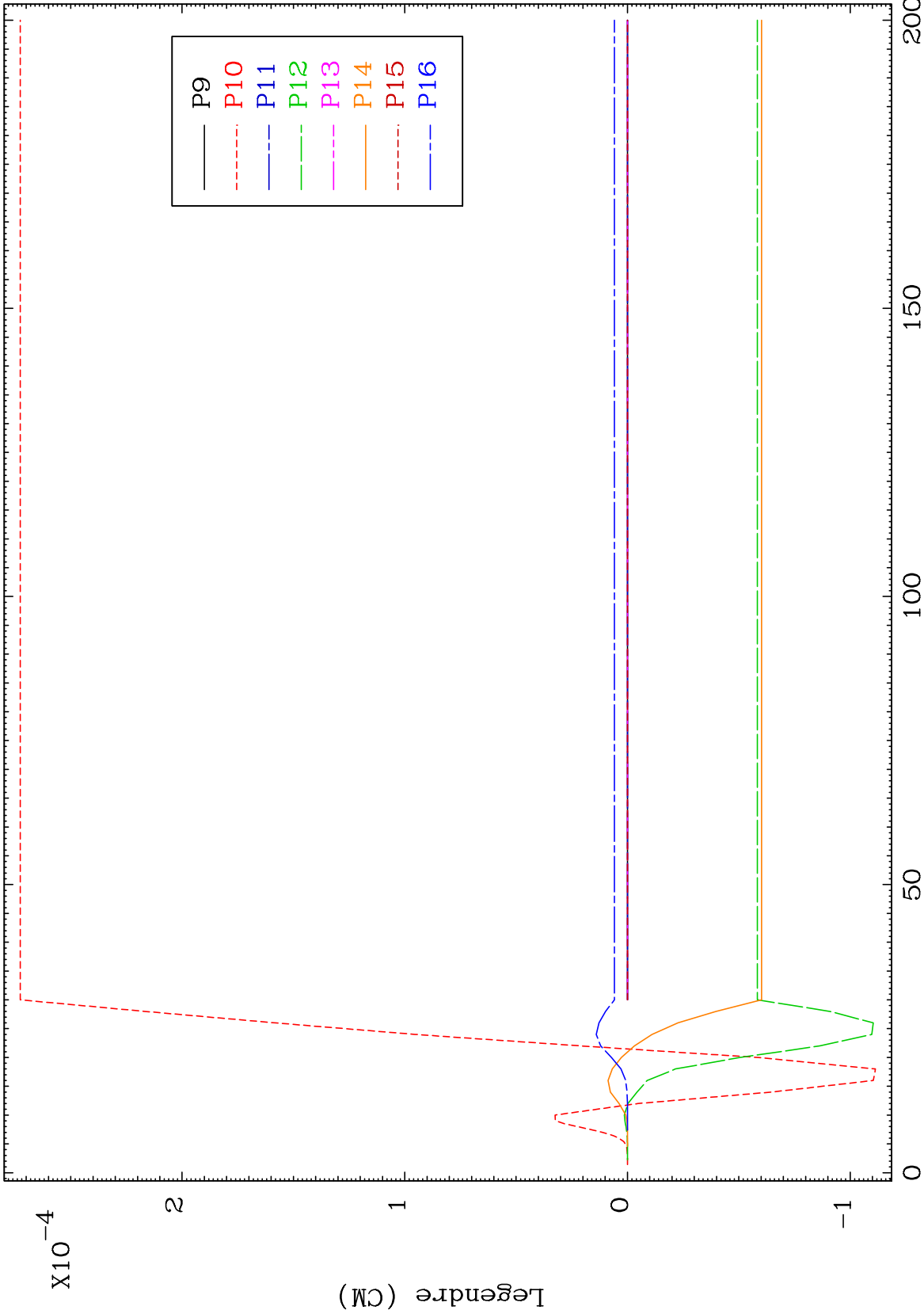
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



59

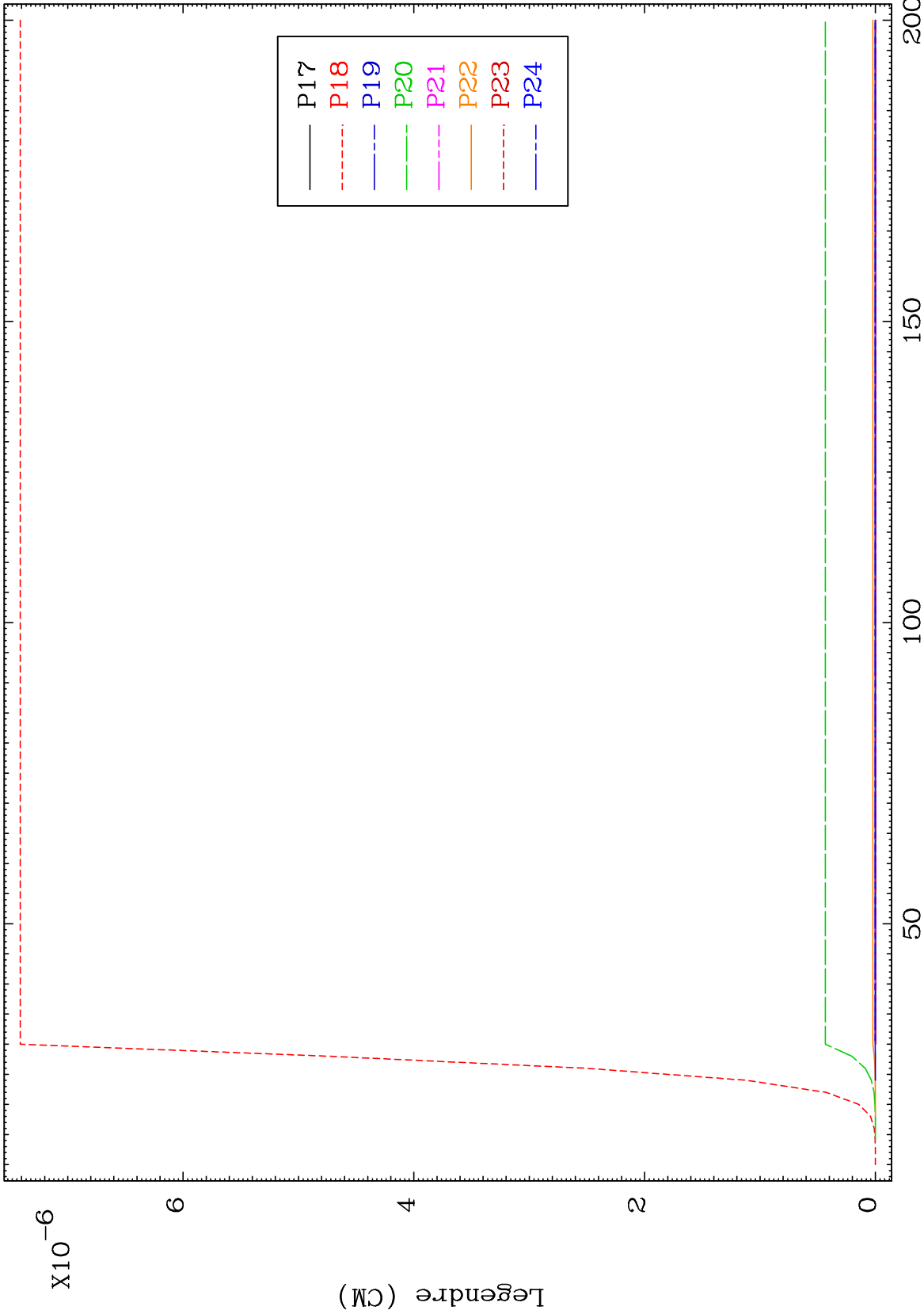
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118

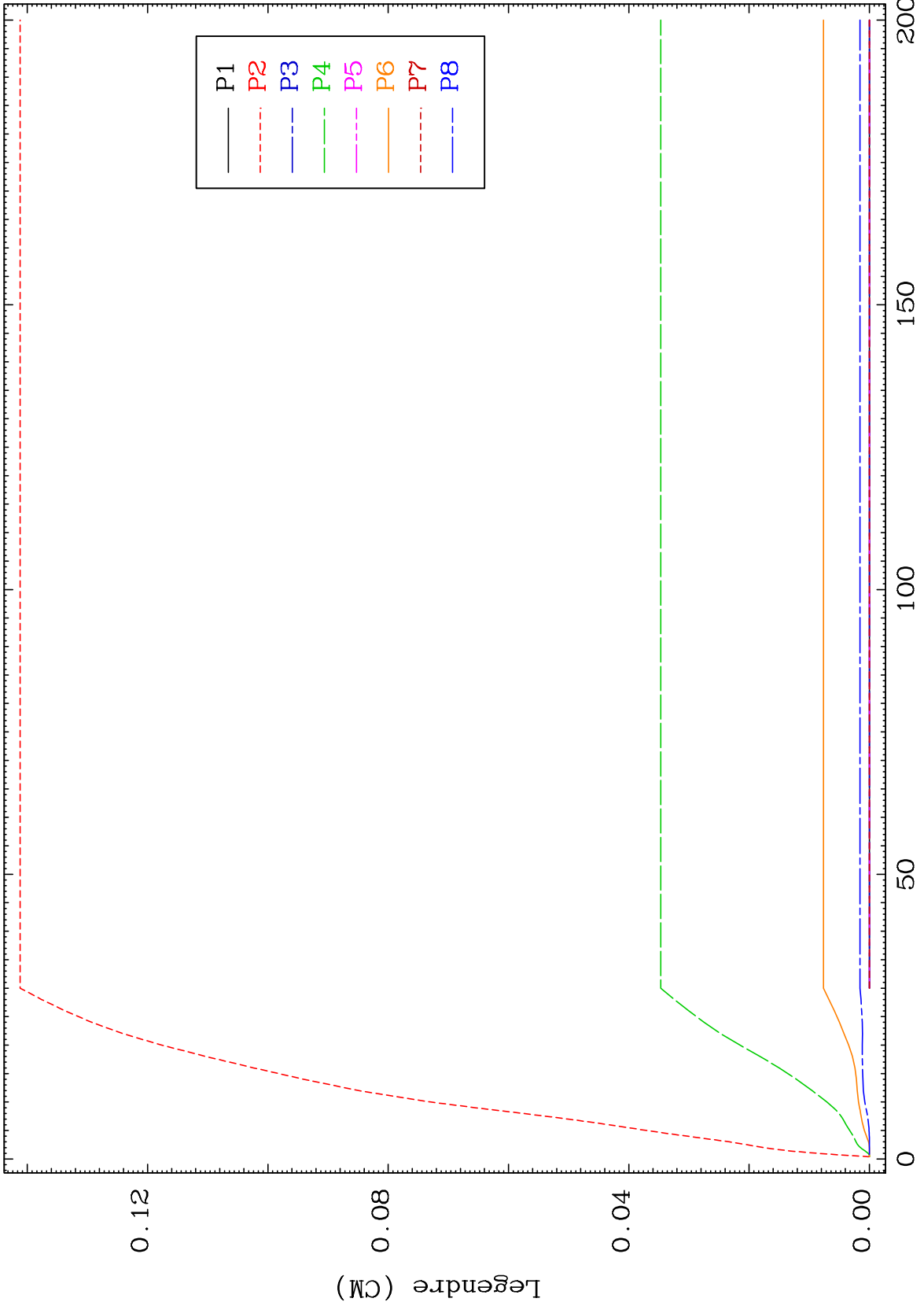


60

Incident Energy (MeV)

55-Cs-118

MAT 5480 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-118

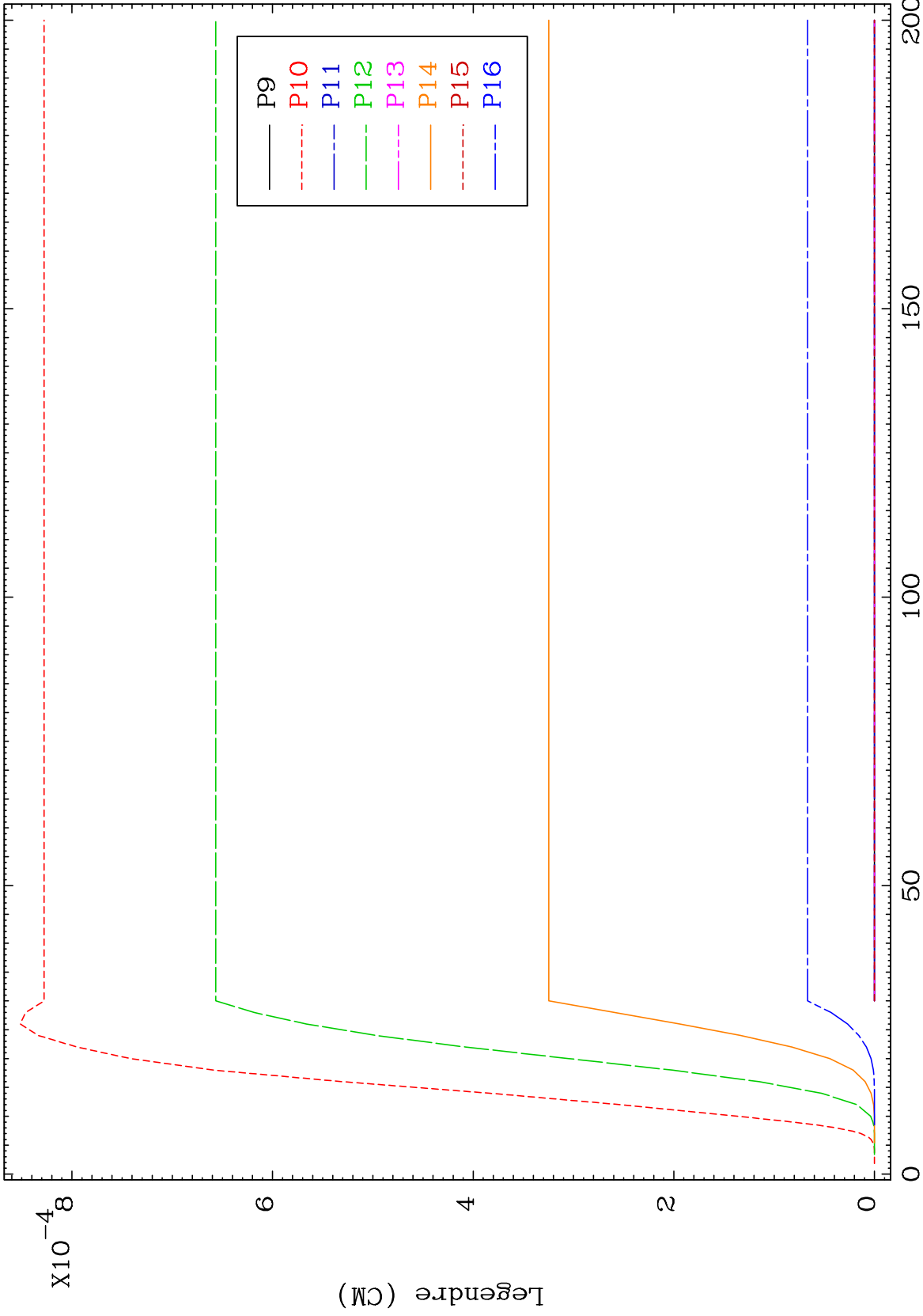


61 55-Cs-118

MAT 5480

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

55-Cs-118

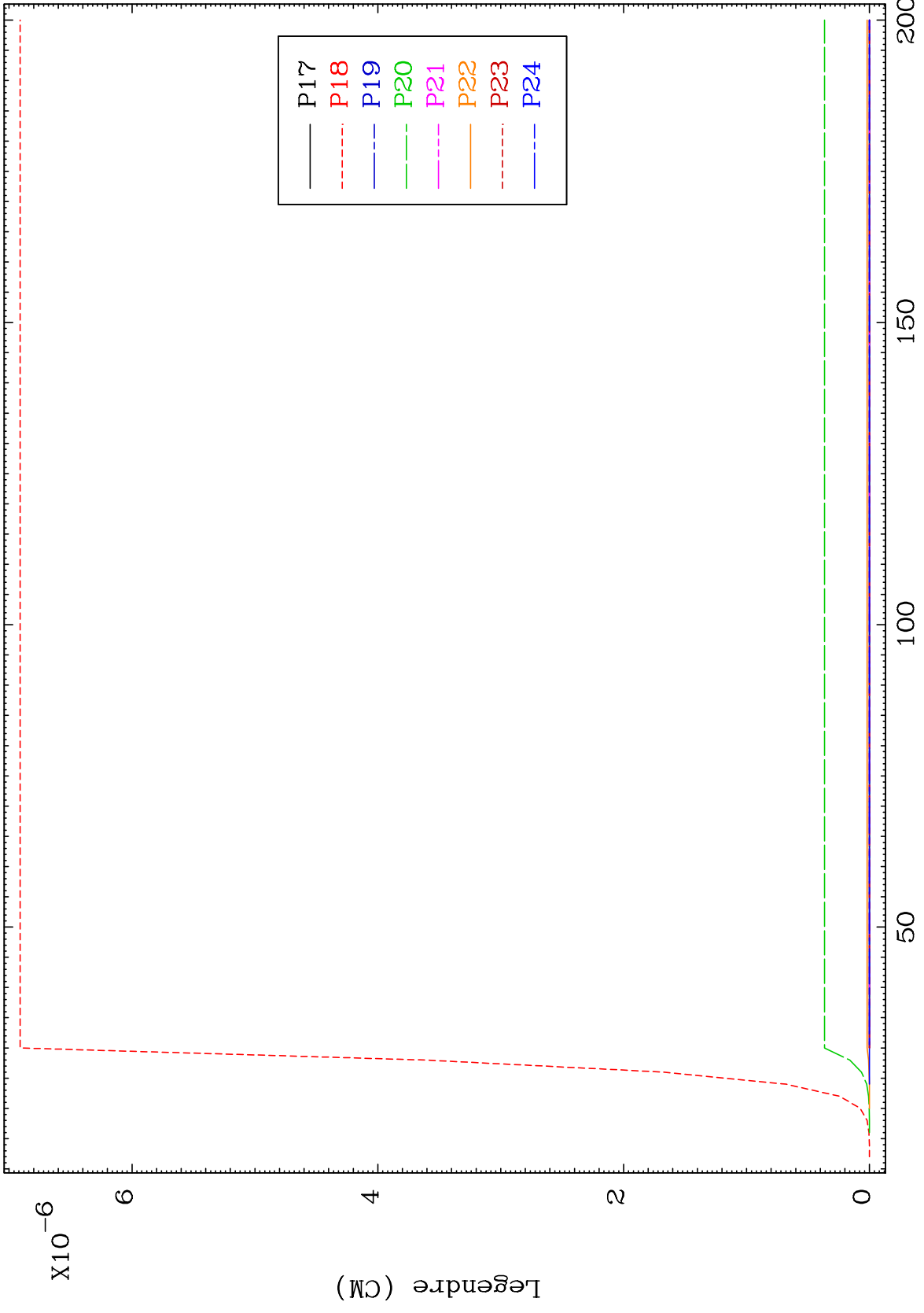


62

Incident Energy (MeV)

55-Cs-118

MAT 5480 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-118

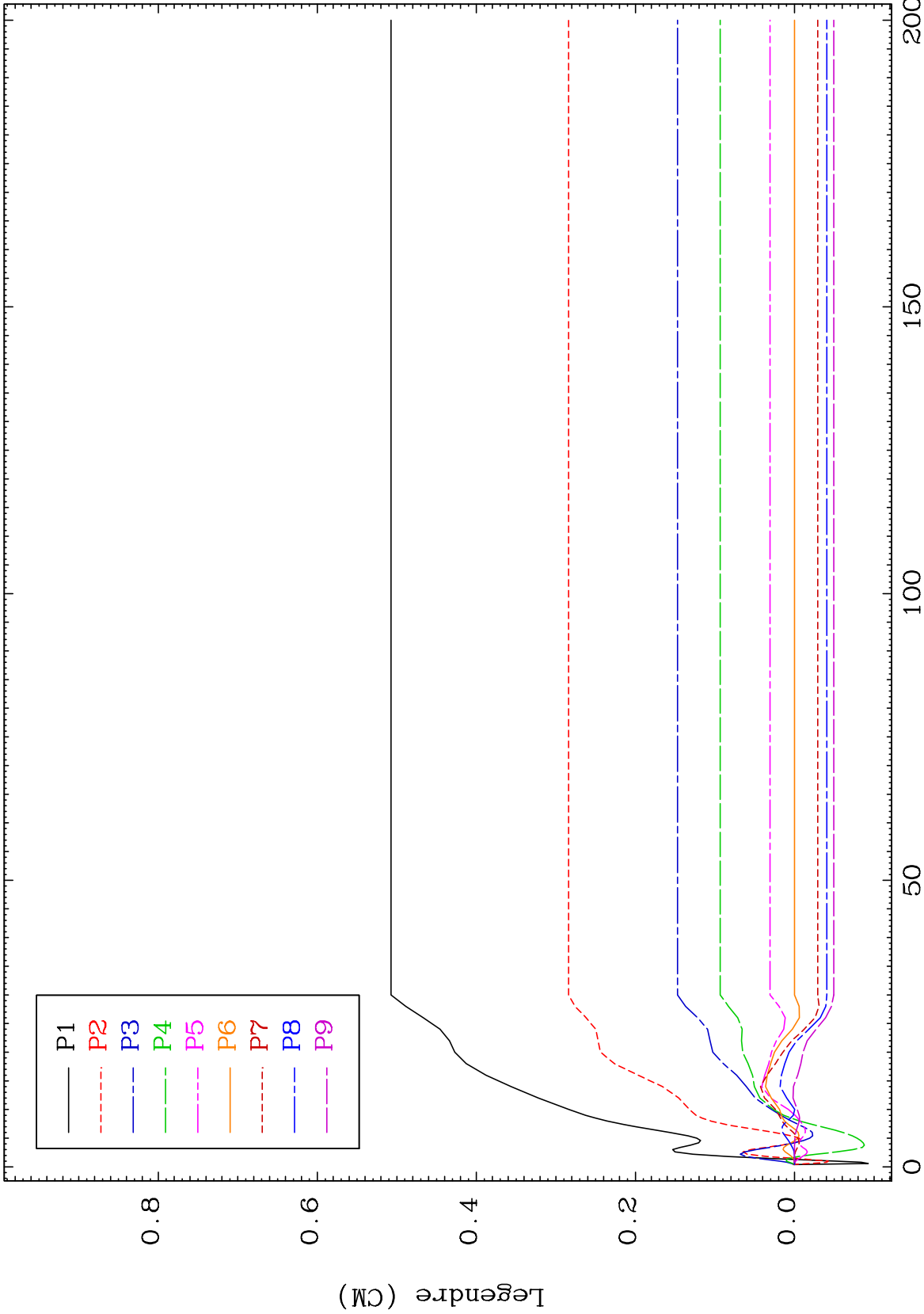


63 55-Cs-118

MAT 5480

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

55-Cs-118

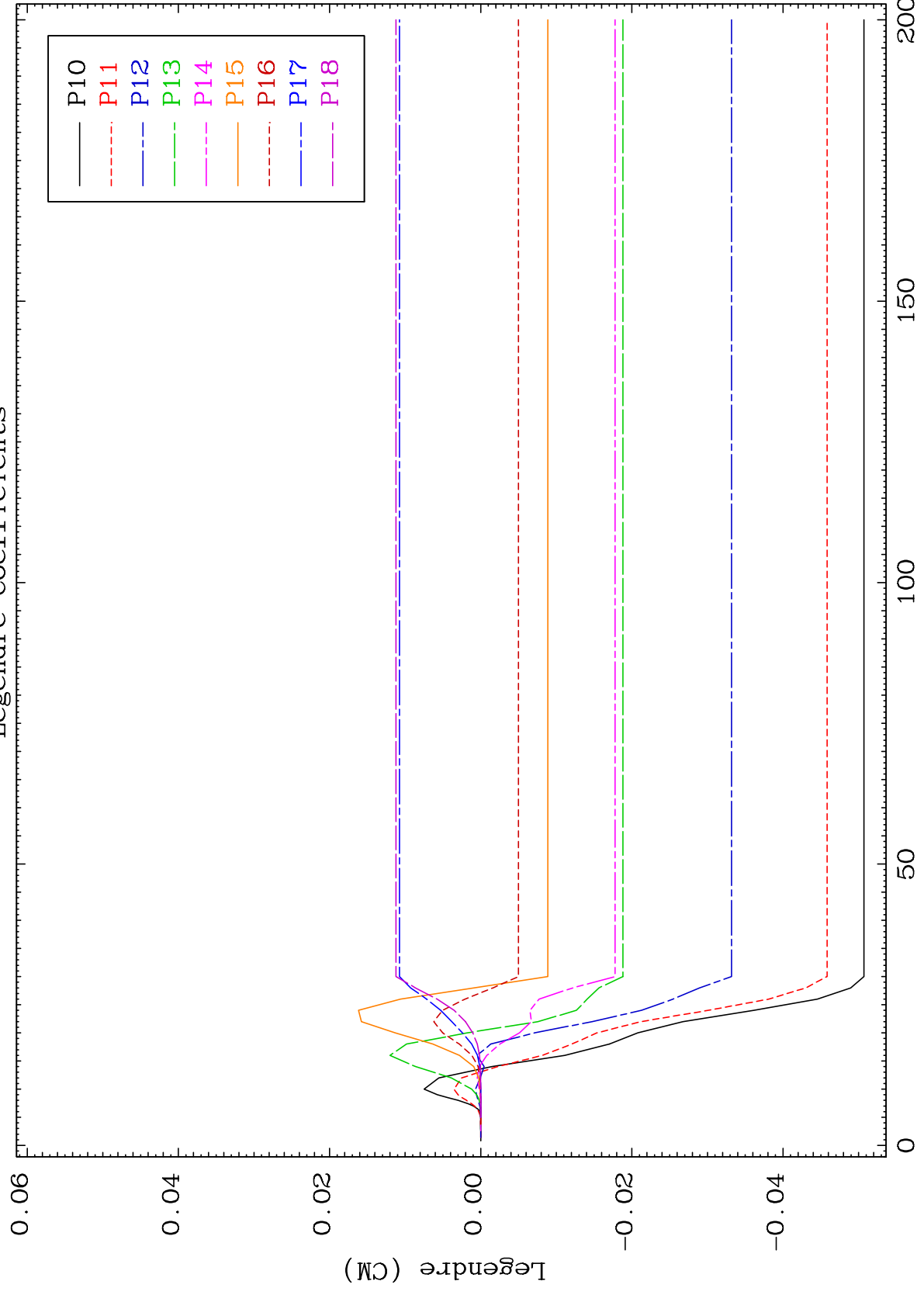


64

Incident Energy (MeV)

55-Cs-118

MAT 5480 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-118

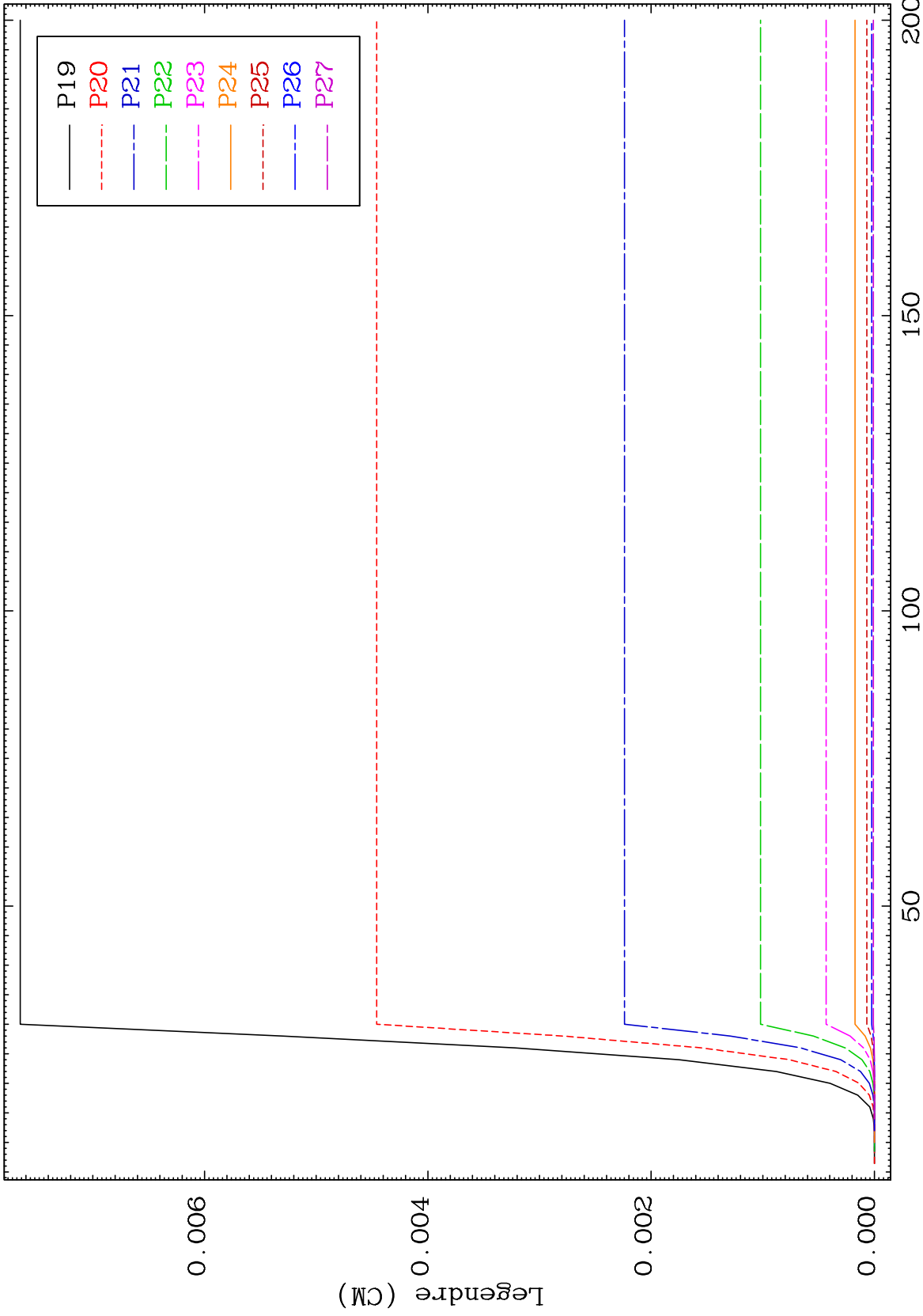


65 55-Cs-118

MAT 5480

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

55-Cs-118



66

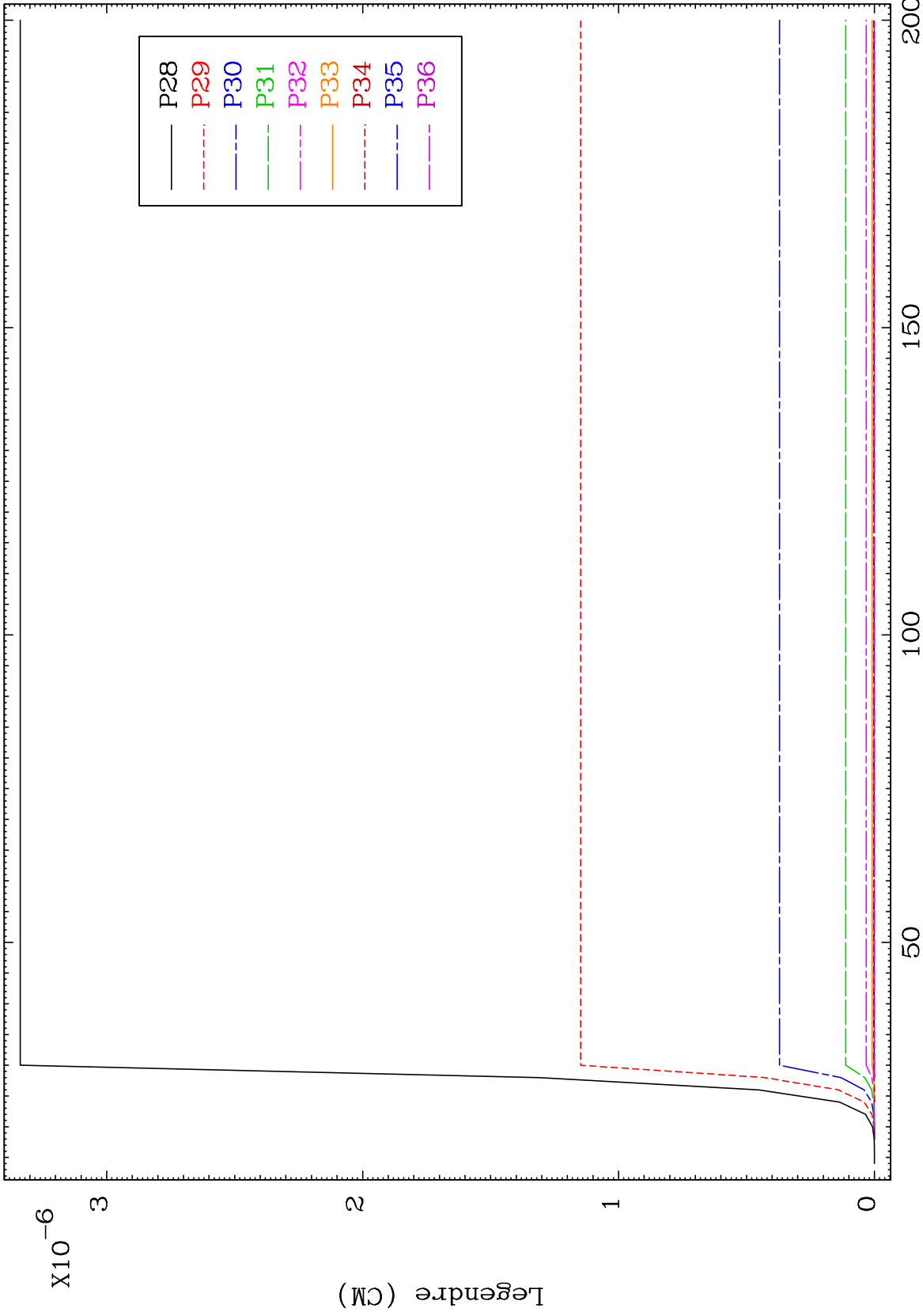
Incident Energy (MeV)

55-Cs-118

MAT 5480

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

55-Cs-118



67

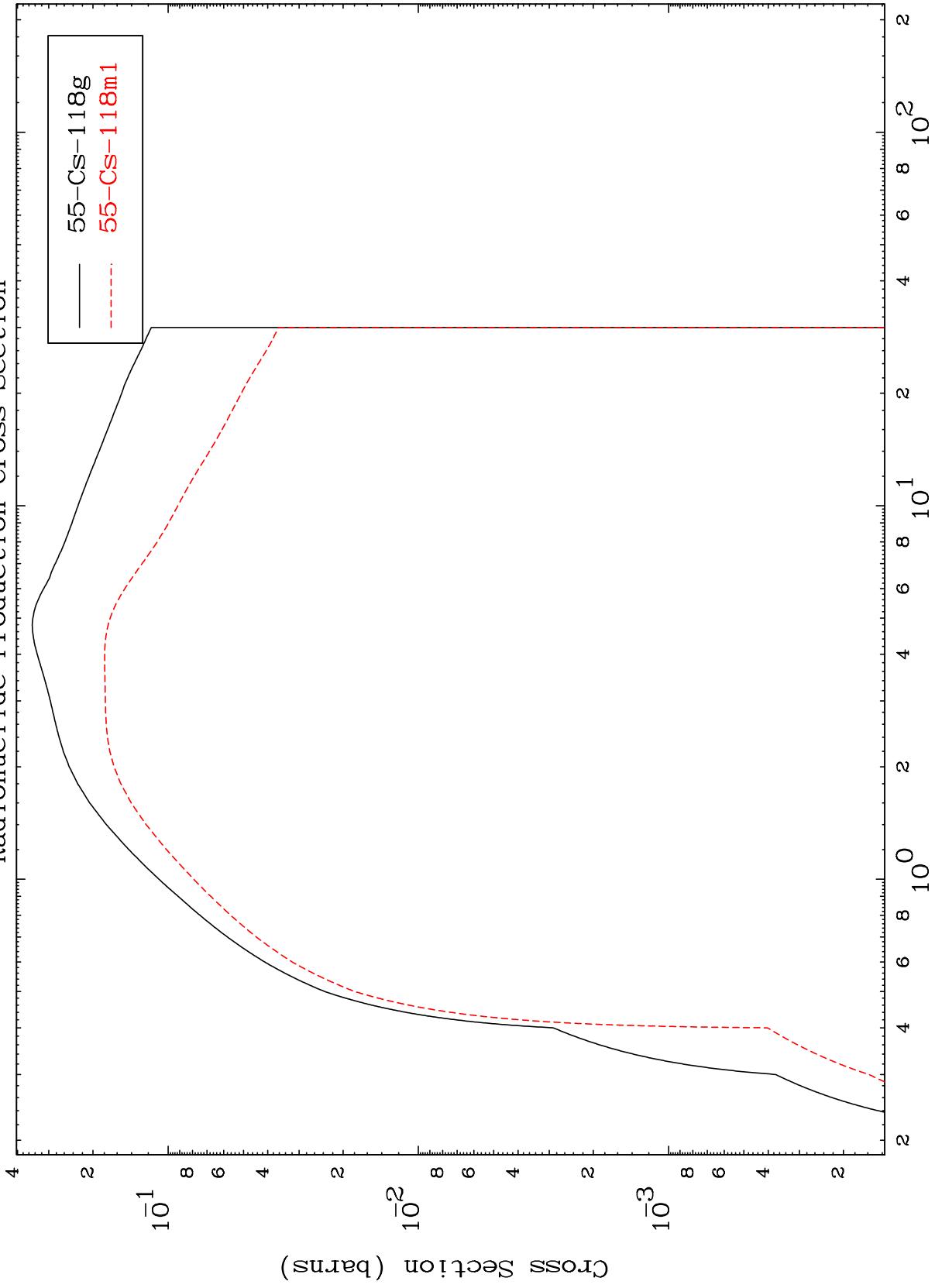
Incident Energy (MeV)

55-Cs-118

MAT 5480

55-Cs-118

Inelastic Radionuclide Production Cross Section



68

55-Cs-118

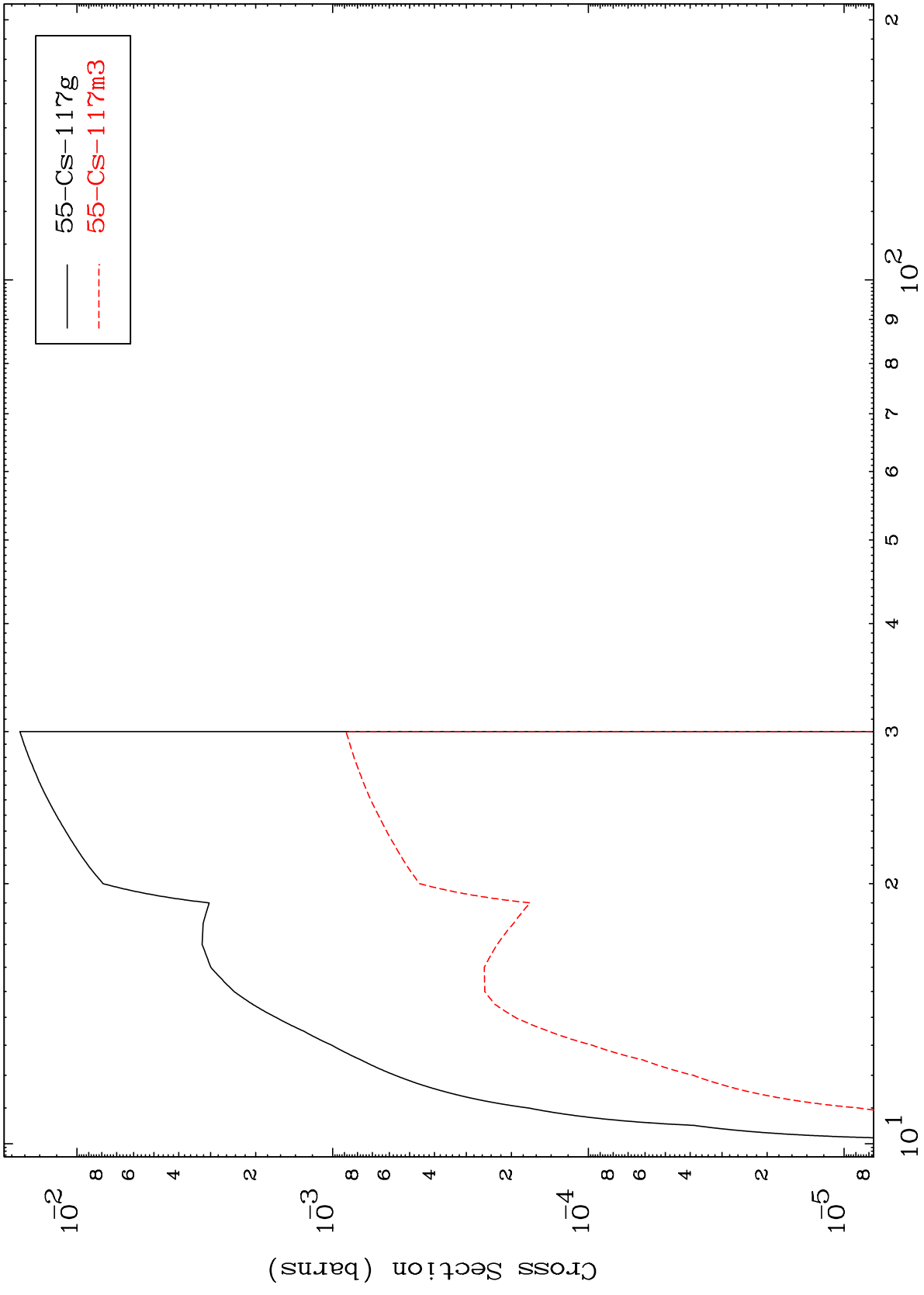
Incident Energy (MeV)

MAT 5480

(n,2n)

55-Cs-118

Radionuclide Production Cross Section



69

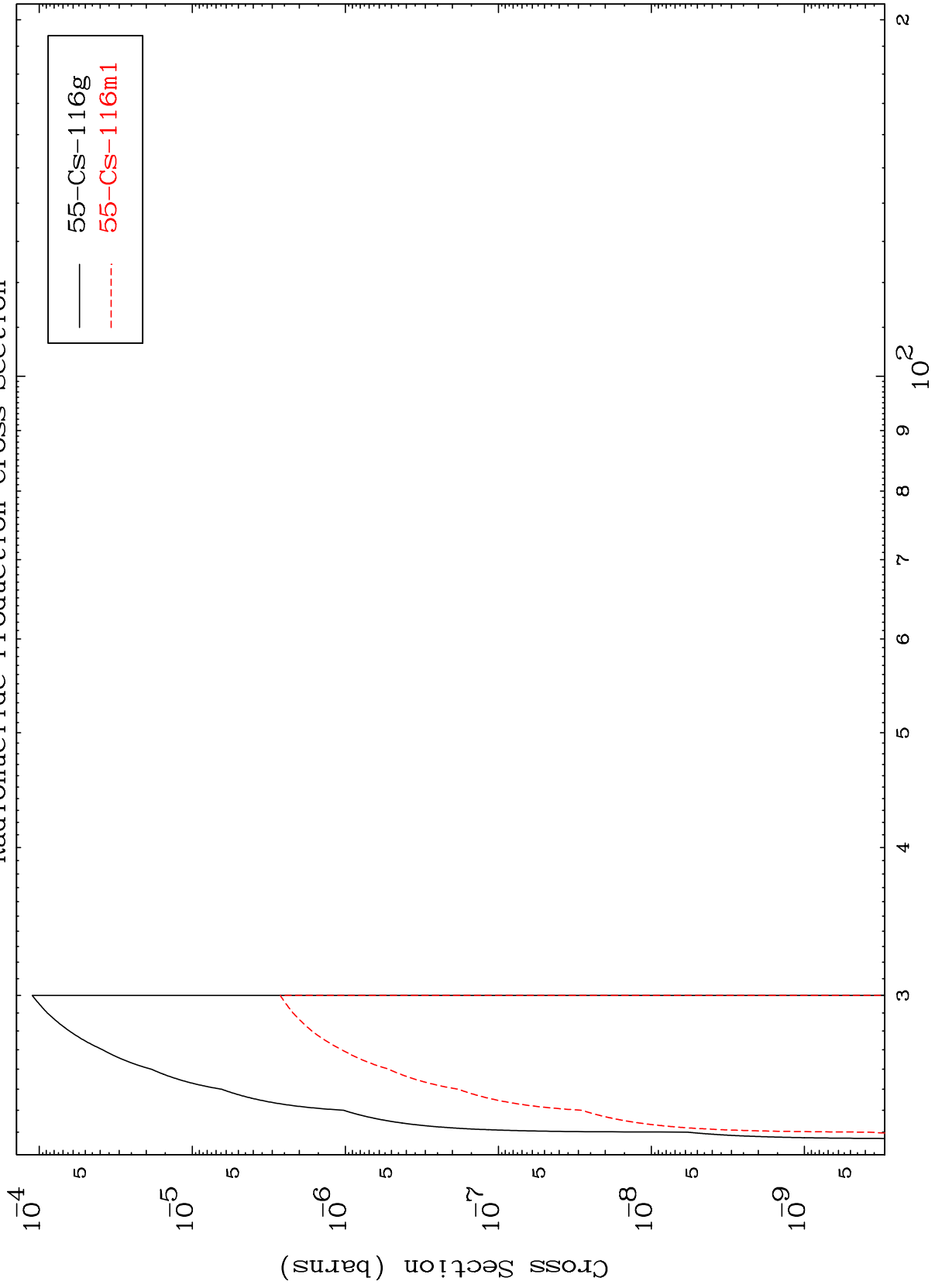
Incident Energy (MeV)

55-Cs-118

MAT 5480

55-Cs-118

(n,3n)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

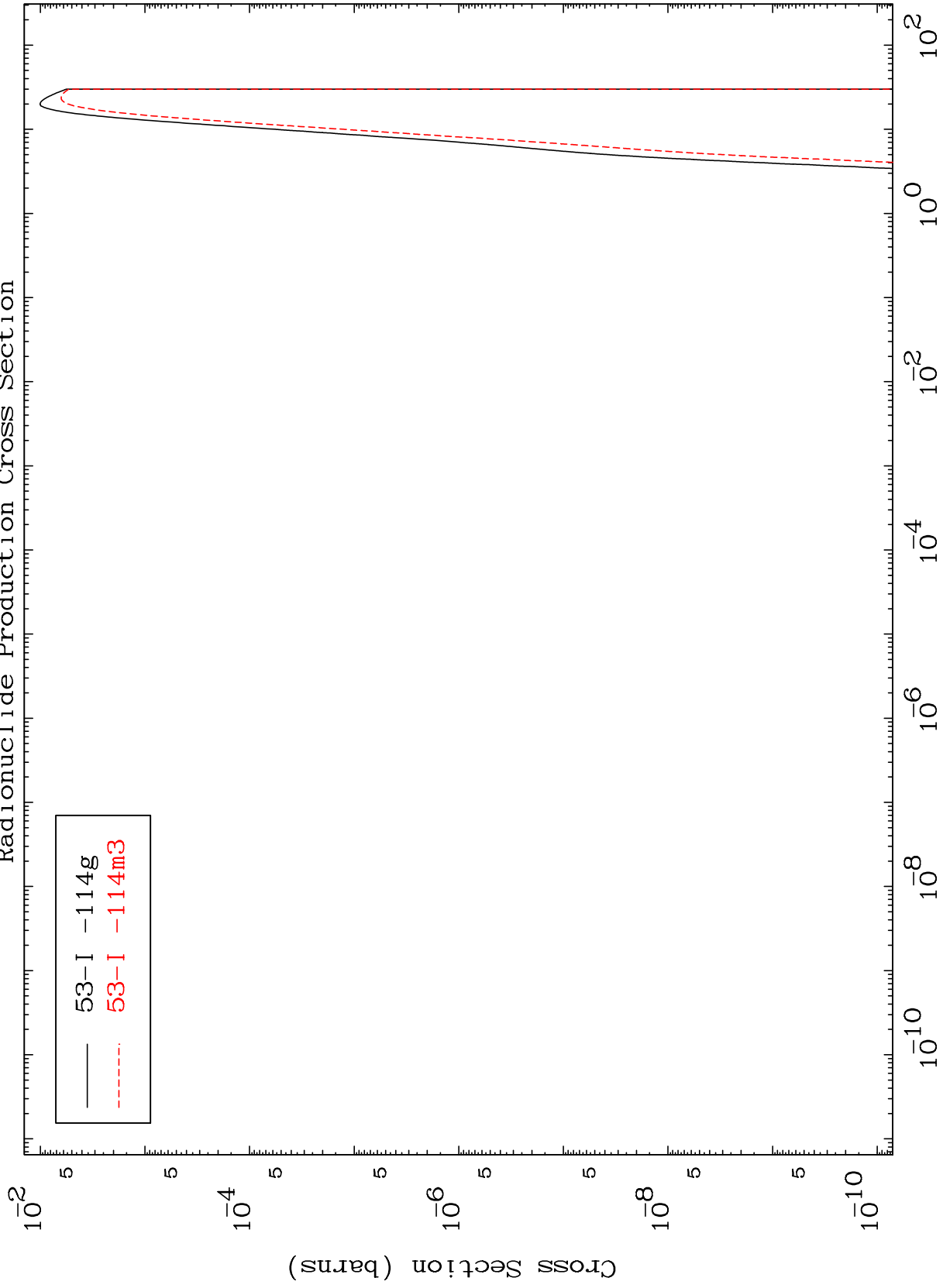
55-Cs-118

MAT 5480

(n,n') α

55-Cs-118

Radionuclide Production Cross Section



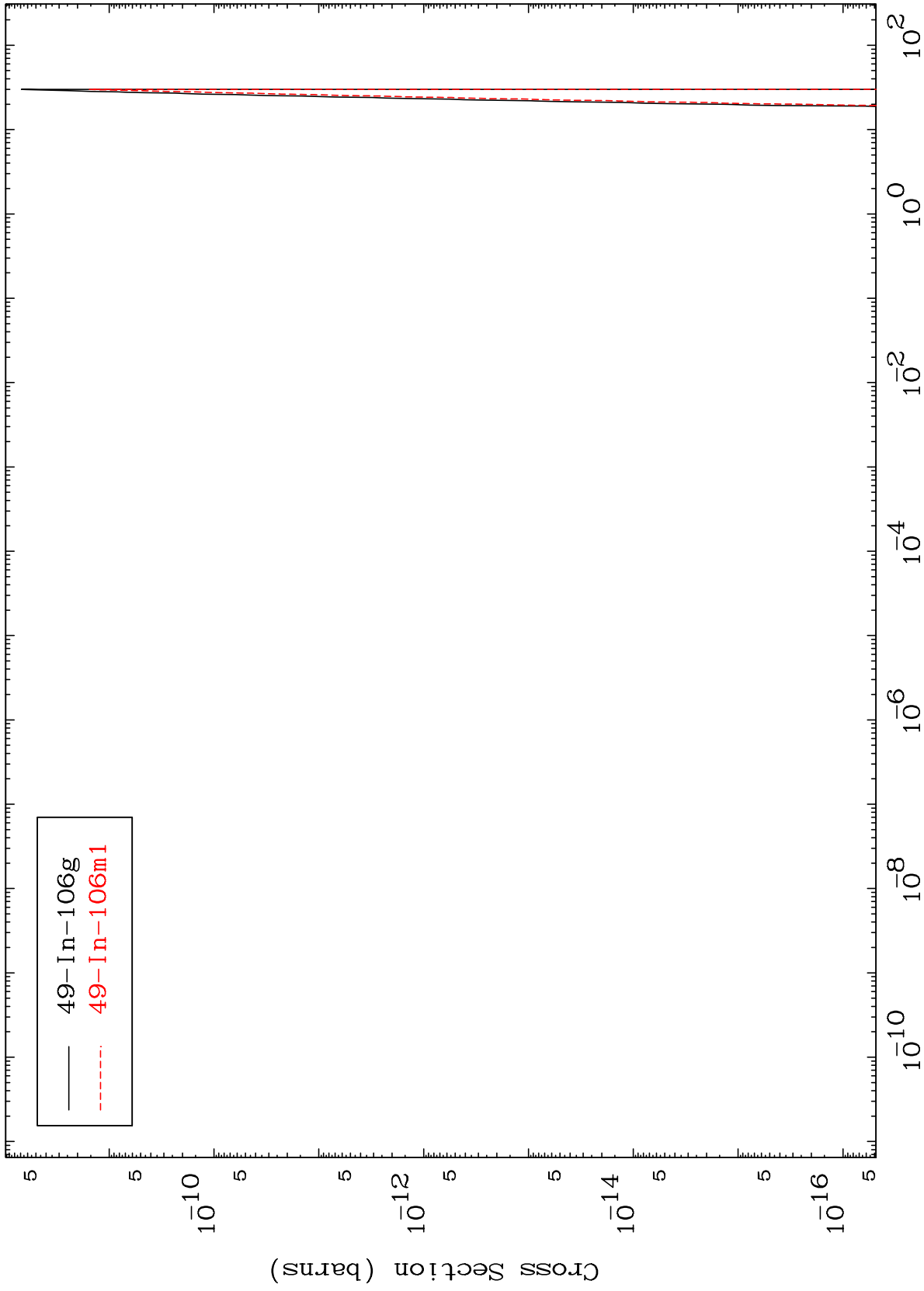
53-I -114g
53-I -114m3

MAT 5480

(n,n') 3 α

55-Cs-118

Radionuclide Production Cross Section



72

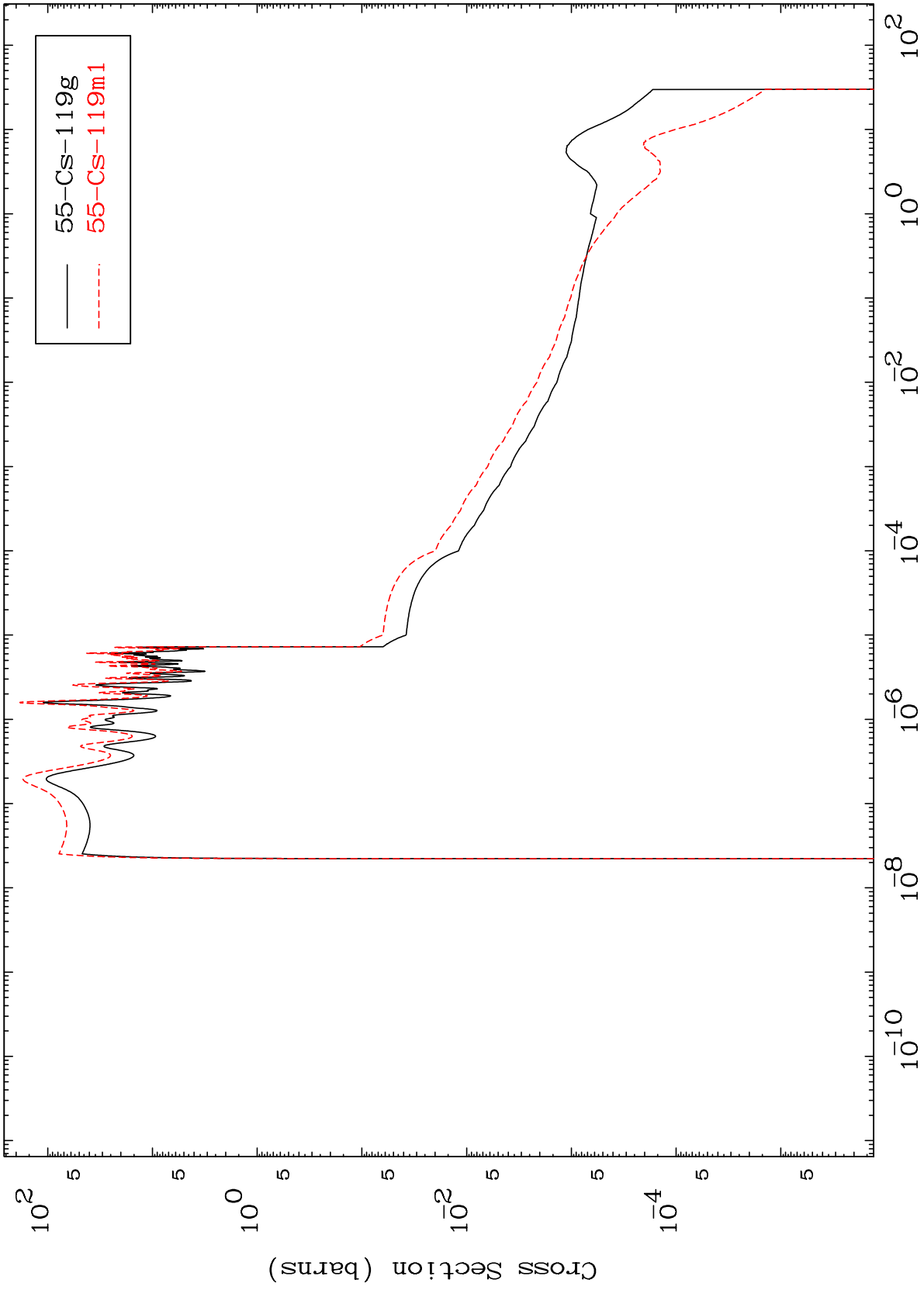
Incident Energy (MeV)

55-Cs-118

MAT 5480

55-Cs-118

(n,γ)
Radionuclide Production Cross Section



73

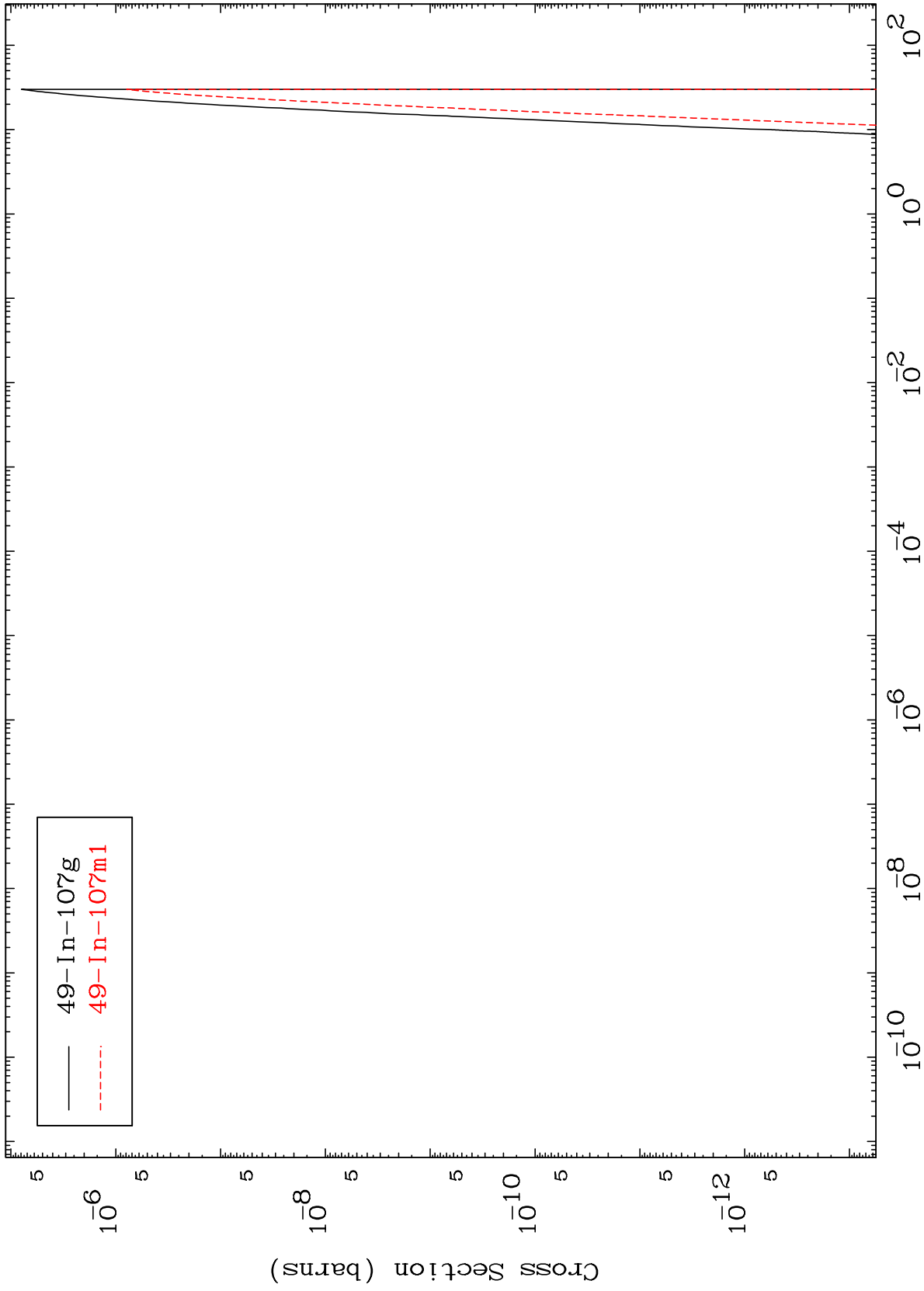
55-Cs-118

MAT 5480

(n,3α)

55-Cs-118

Radionuclide Production Cross Section



74

Incident Energy (MeV)

55-Cs-118