

Program EVALPLOT
(Version 2018-1)

by

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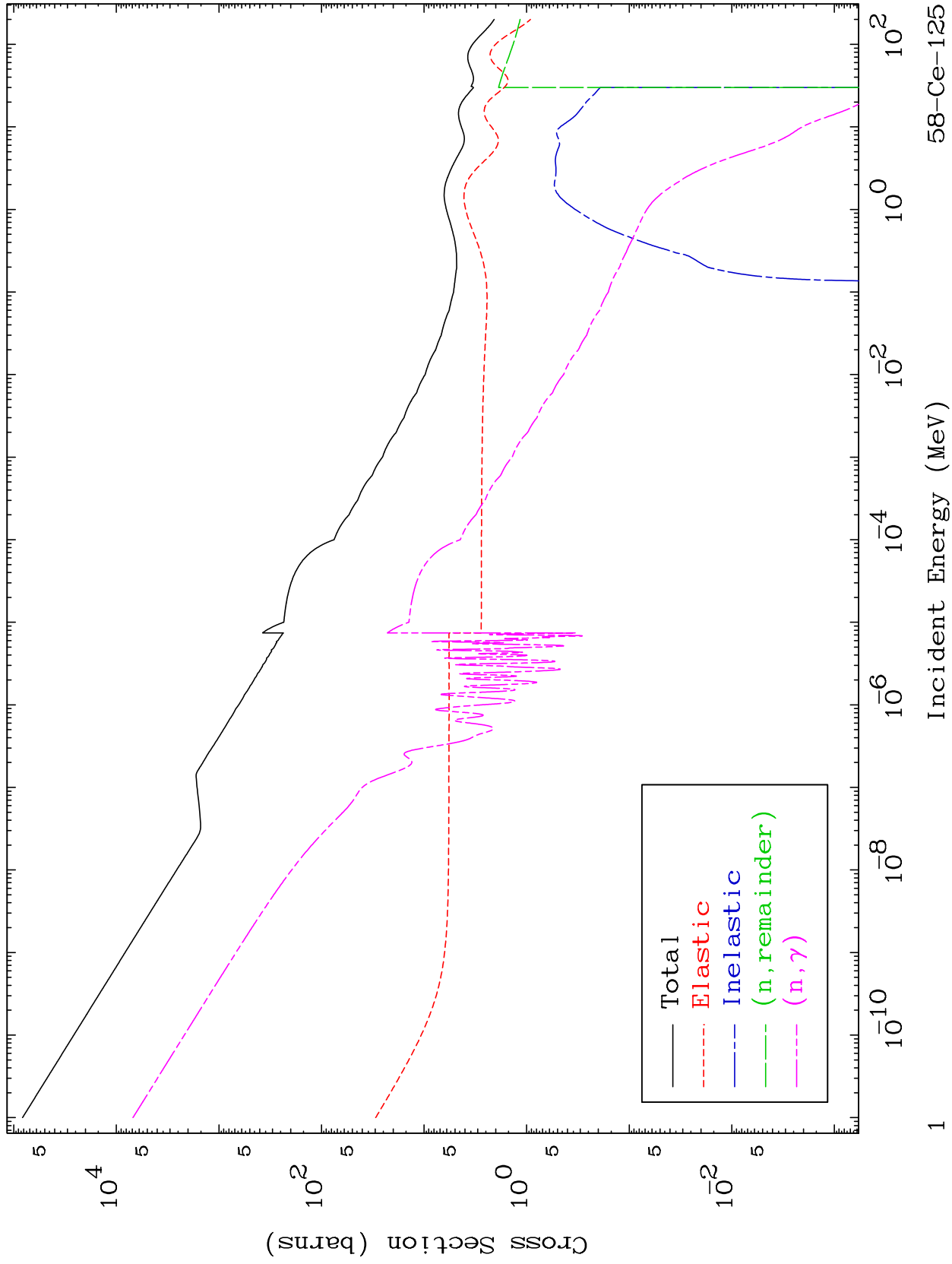
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5792

Major
293 Kelvin Cross Sections

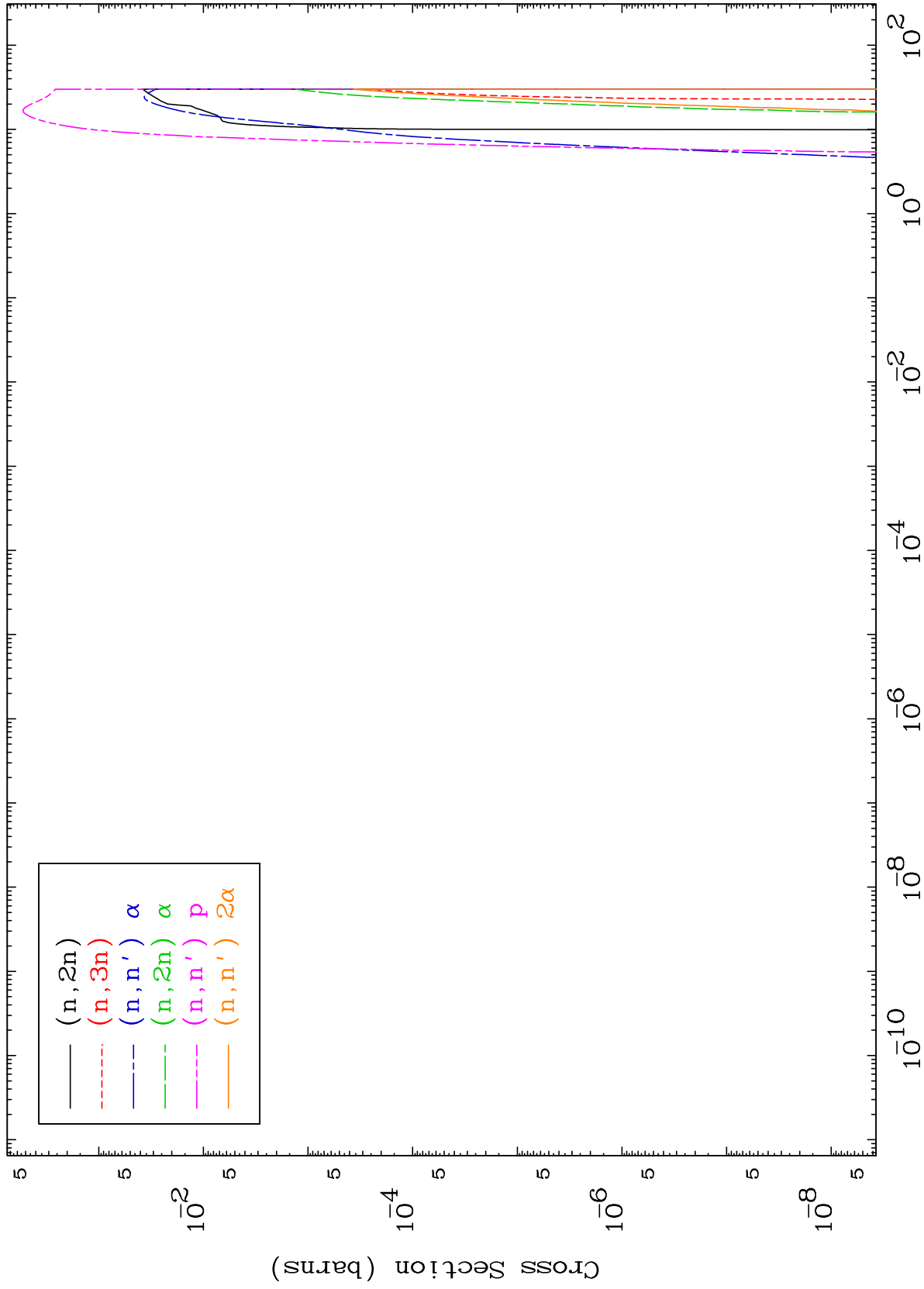
58-Ce-125

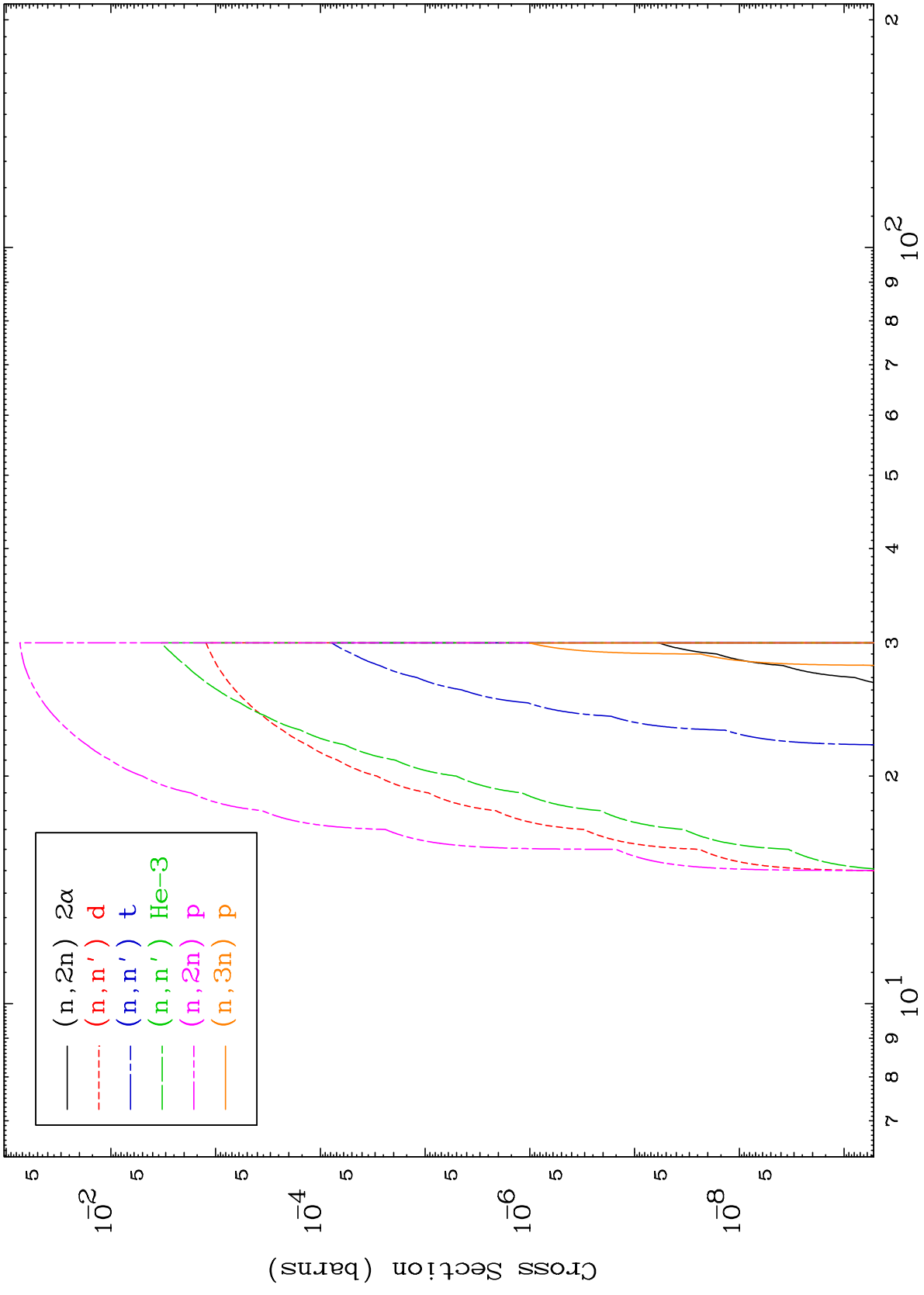


MAT 5792

Neutron Production
293 Kelvin Cross Sections

58-Ce-125

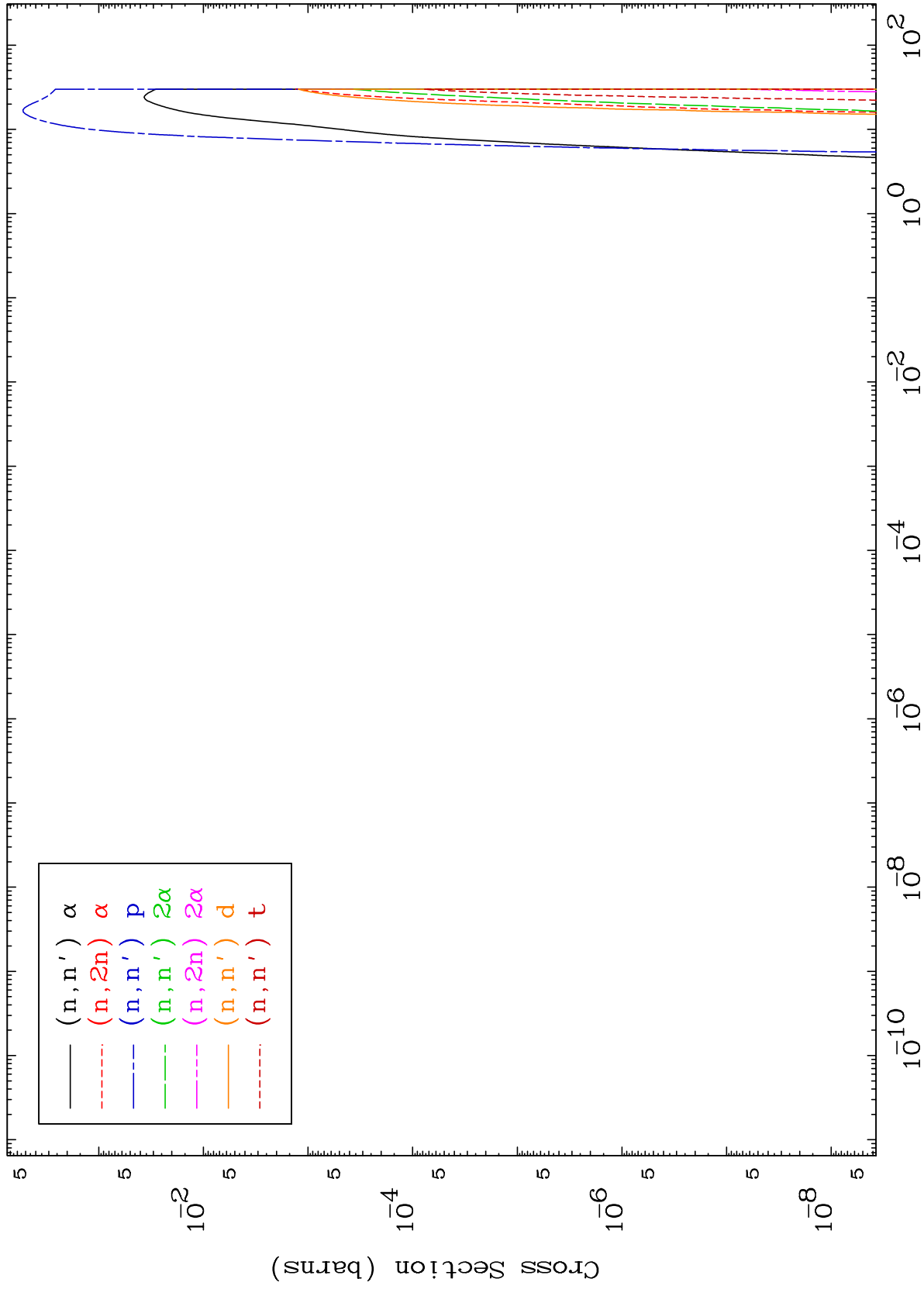




MAT 5792

Charged Particle
293 Kelvin Cross Sections

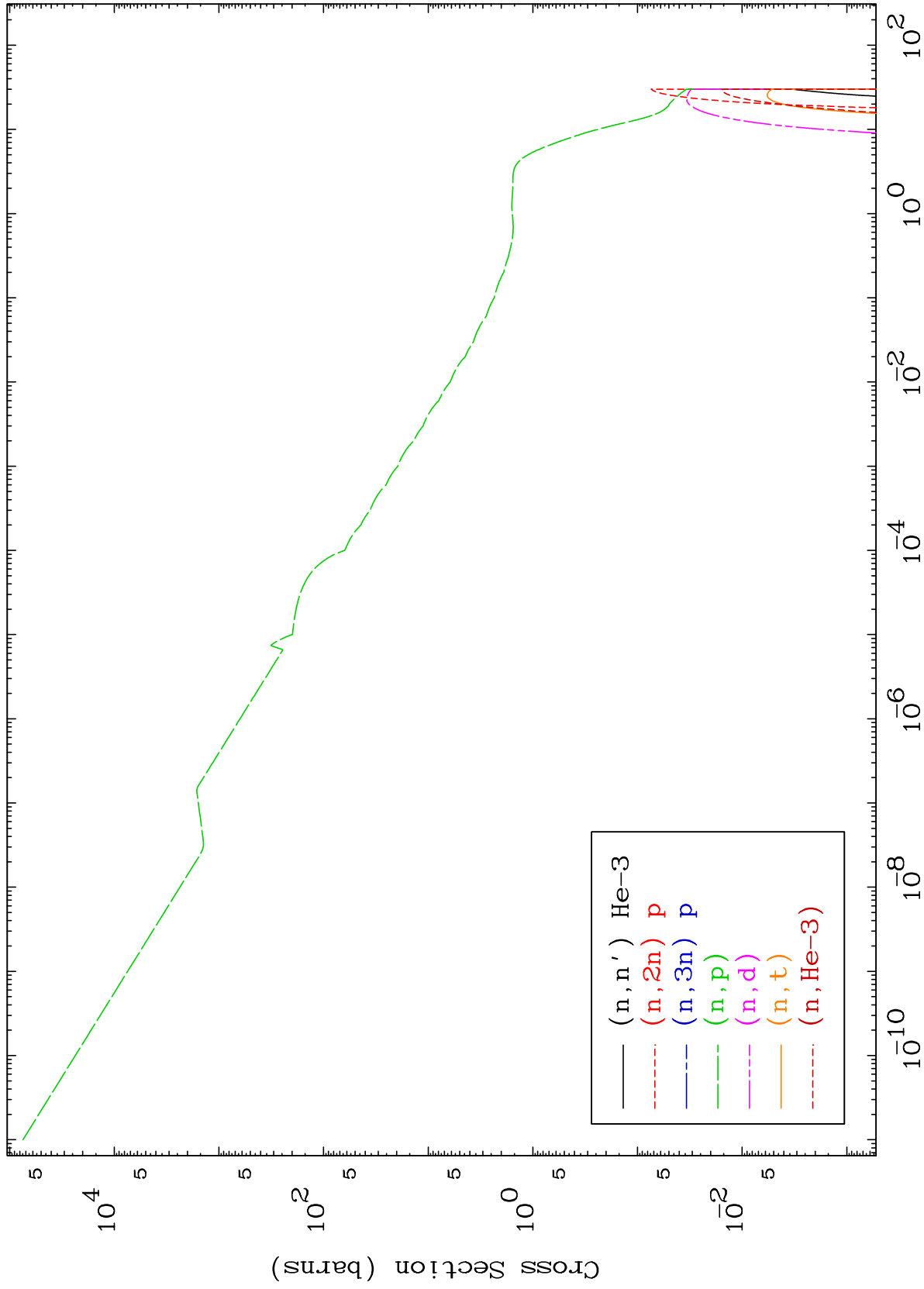
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

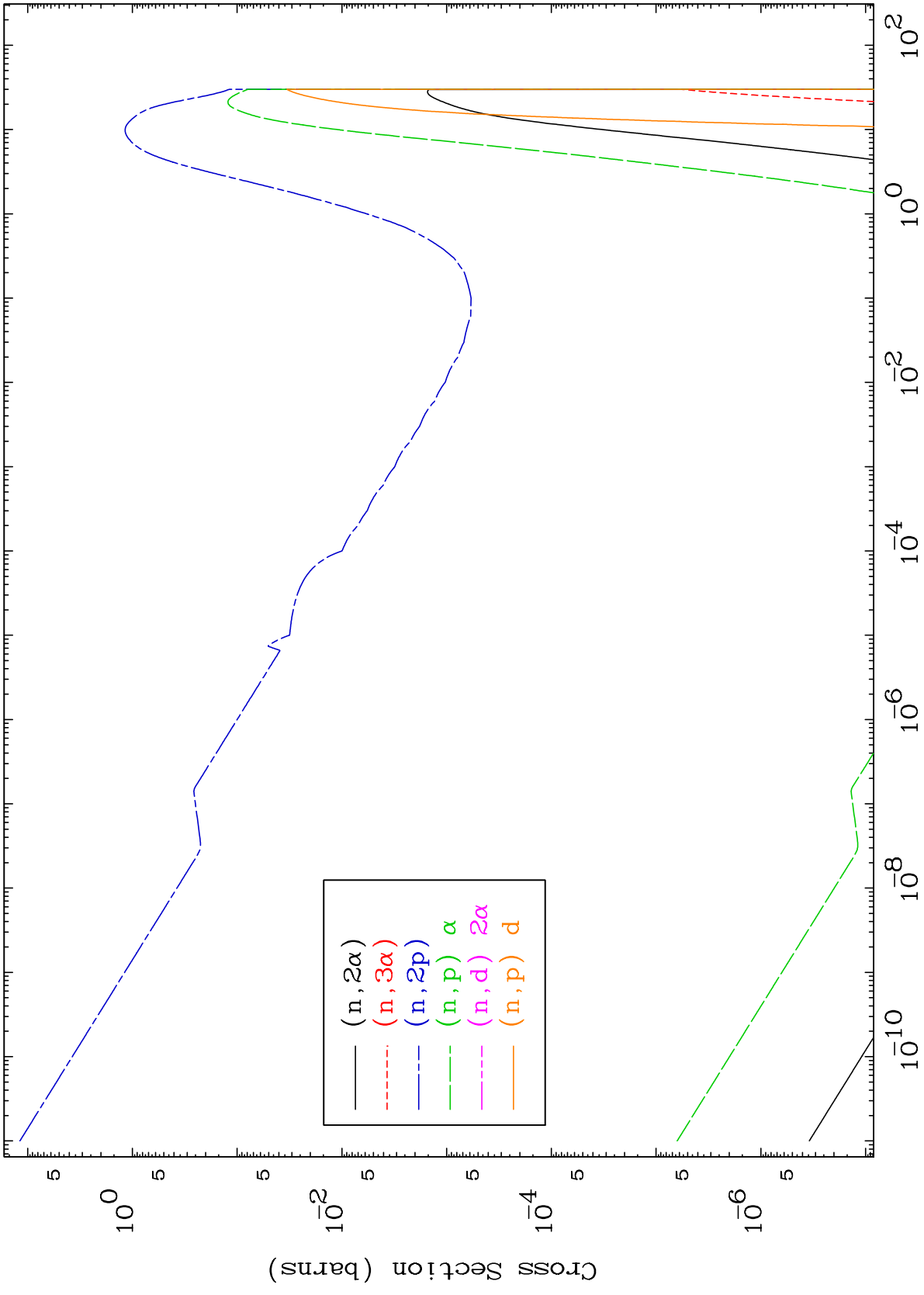
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

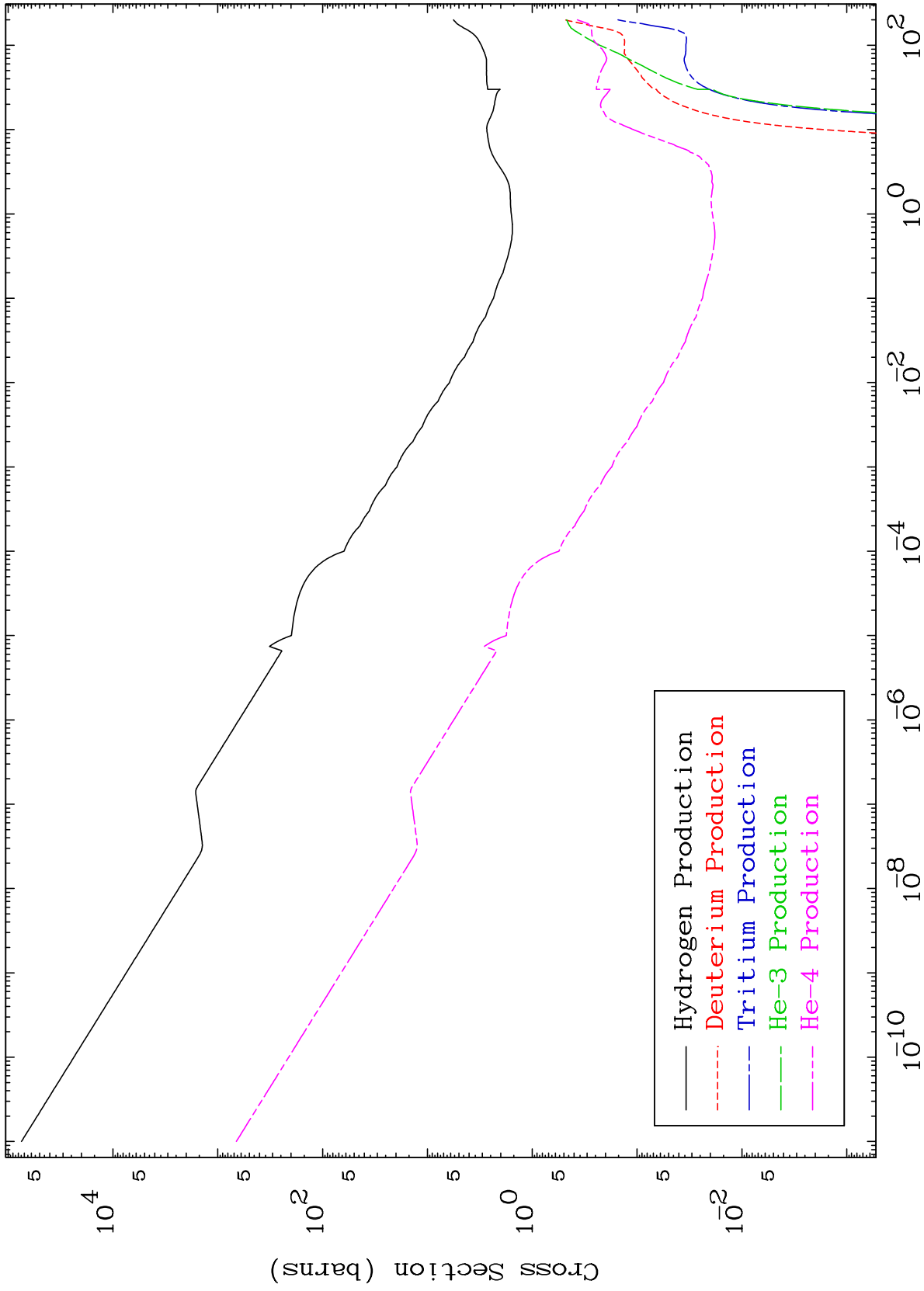
58-Ce-125



MAT 5792

Particle Production
293 Kelvin Cross Sections

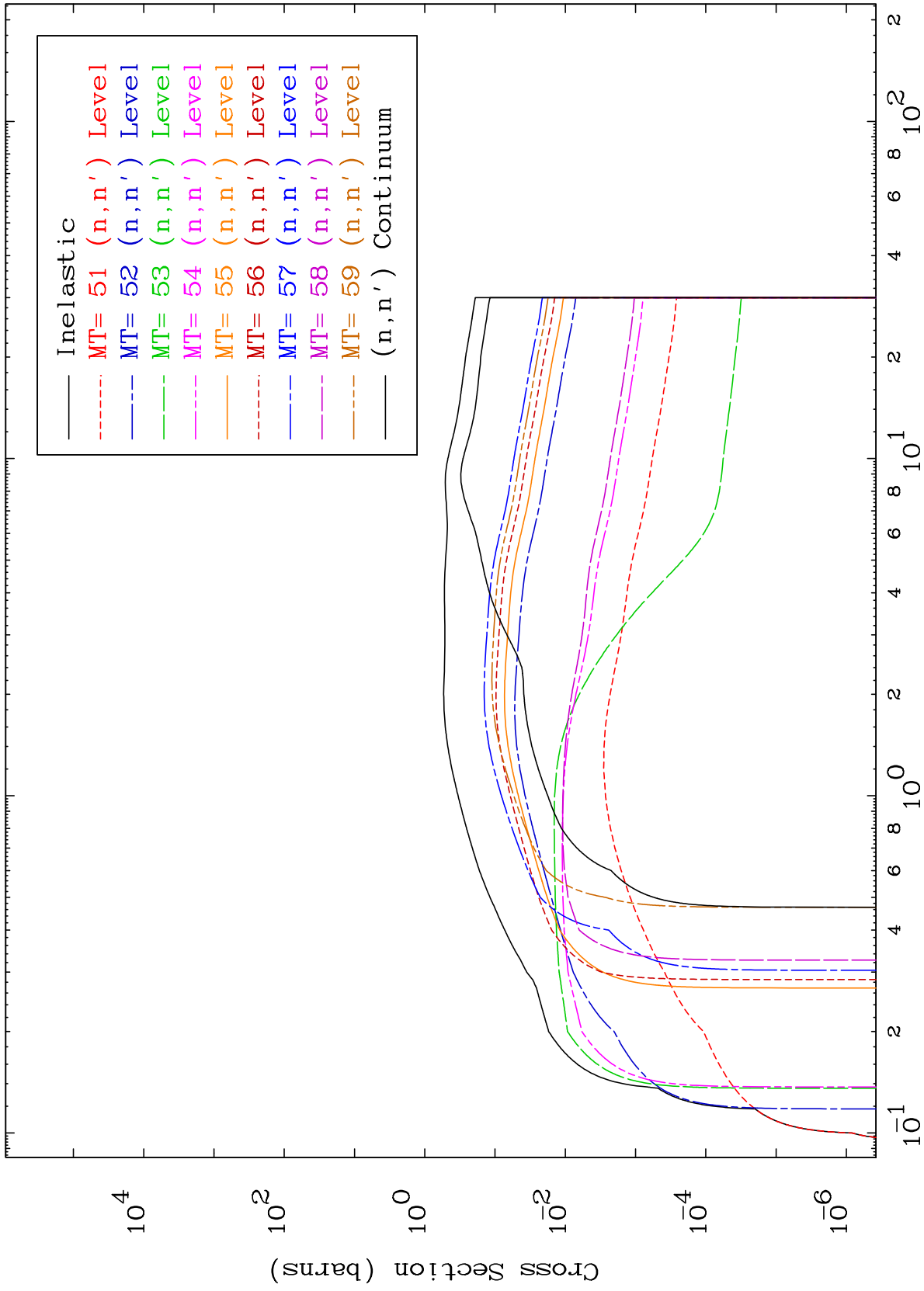
58-Ce-125



MAT 5792

(n,n') Level
293 Kelvin Cross Sections

58-Ce-125



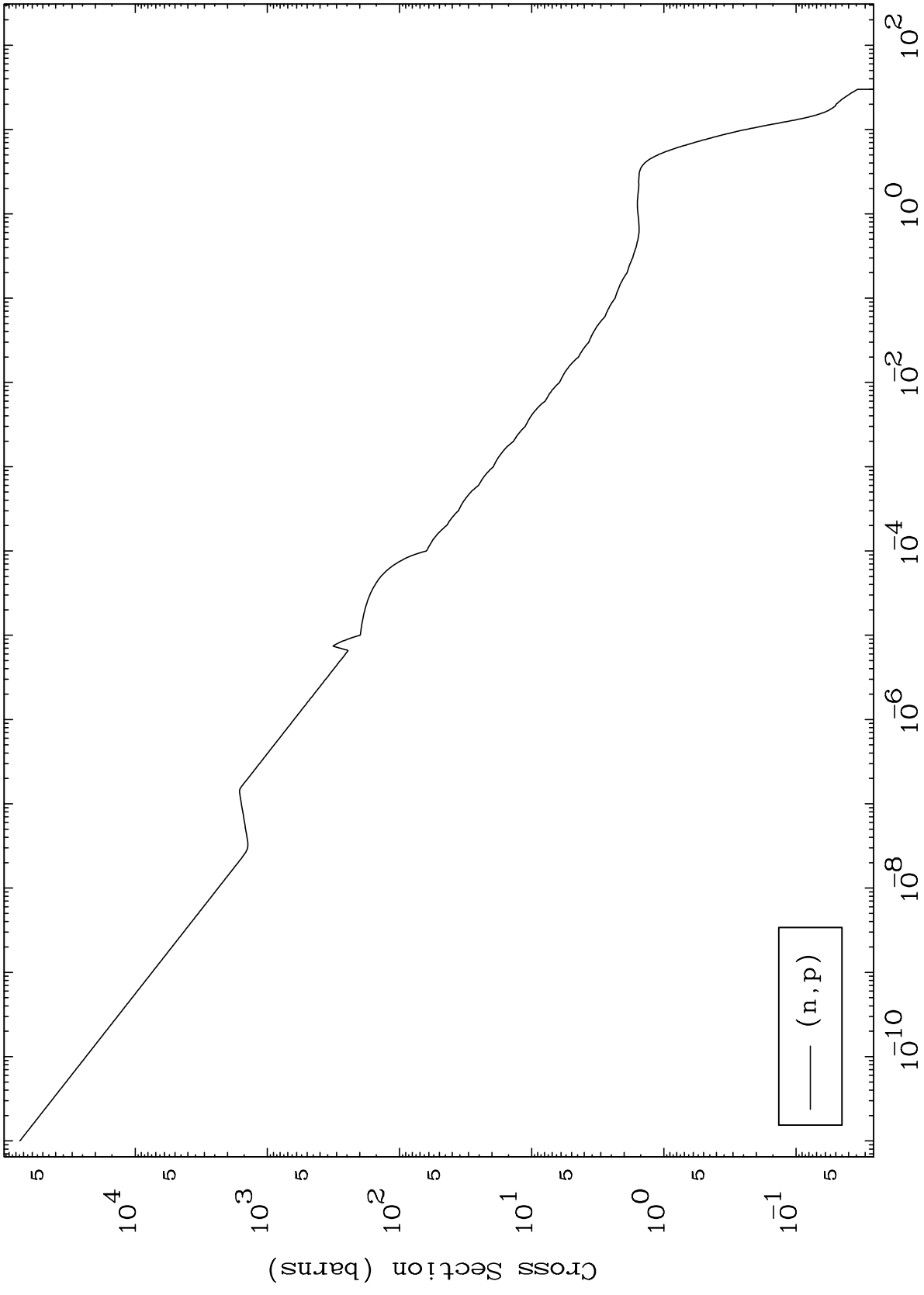
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-125

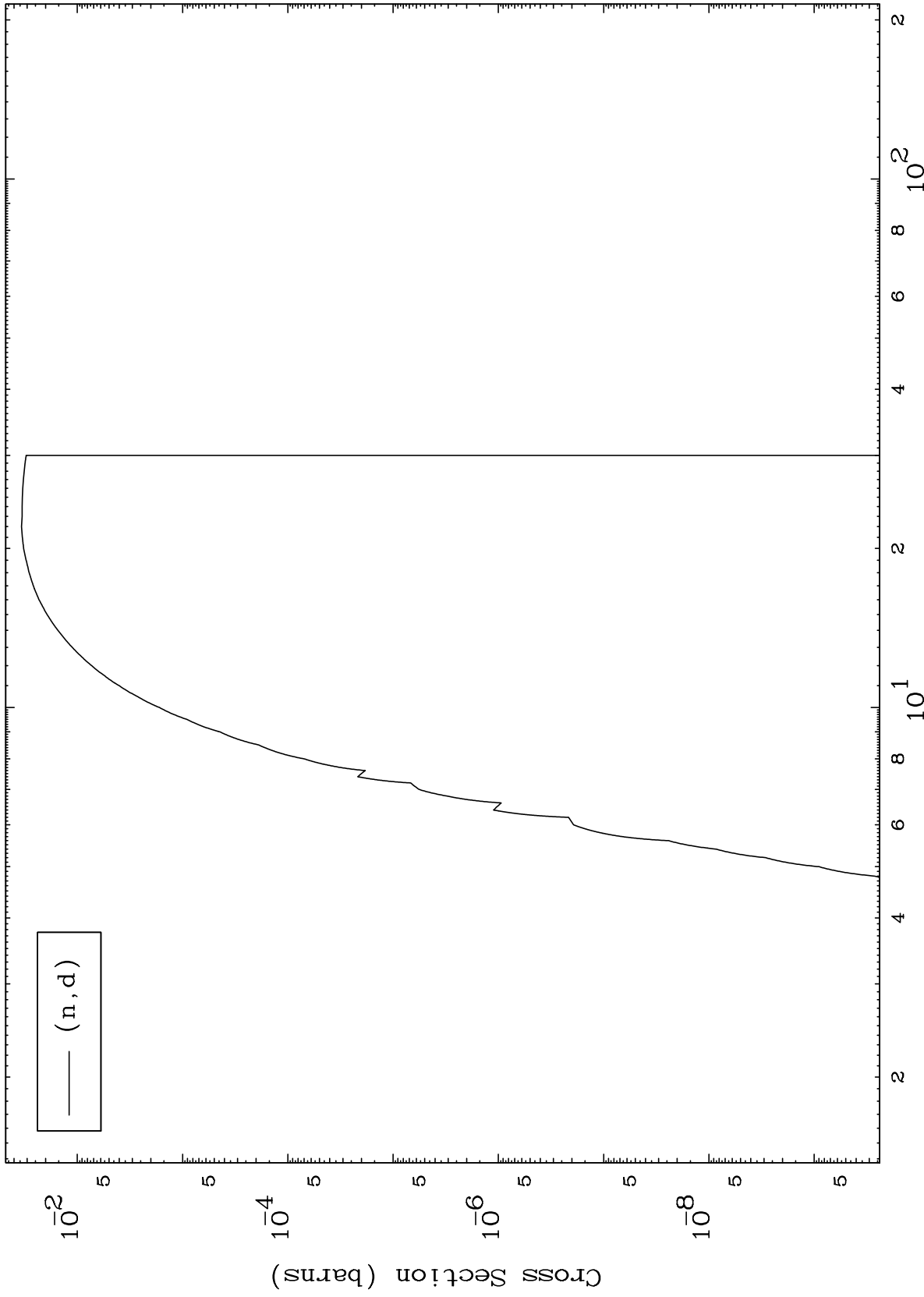


58-Ce-125

MAT 5792

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-125



10

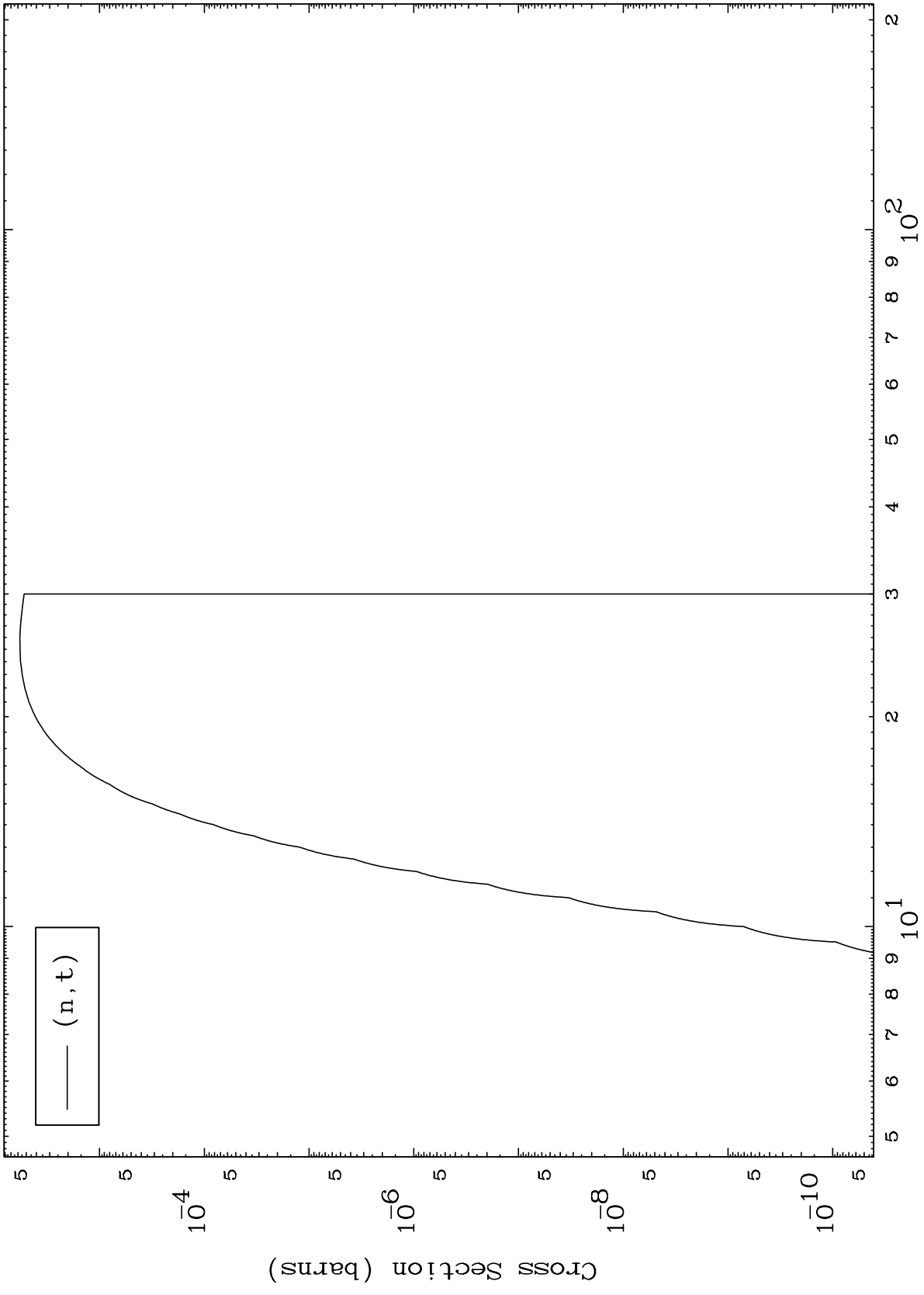
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-125



11

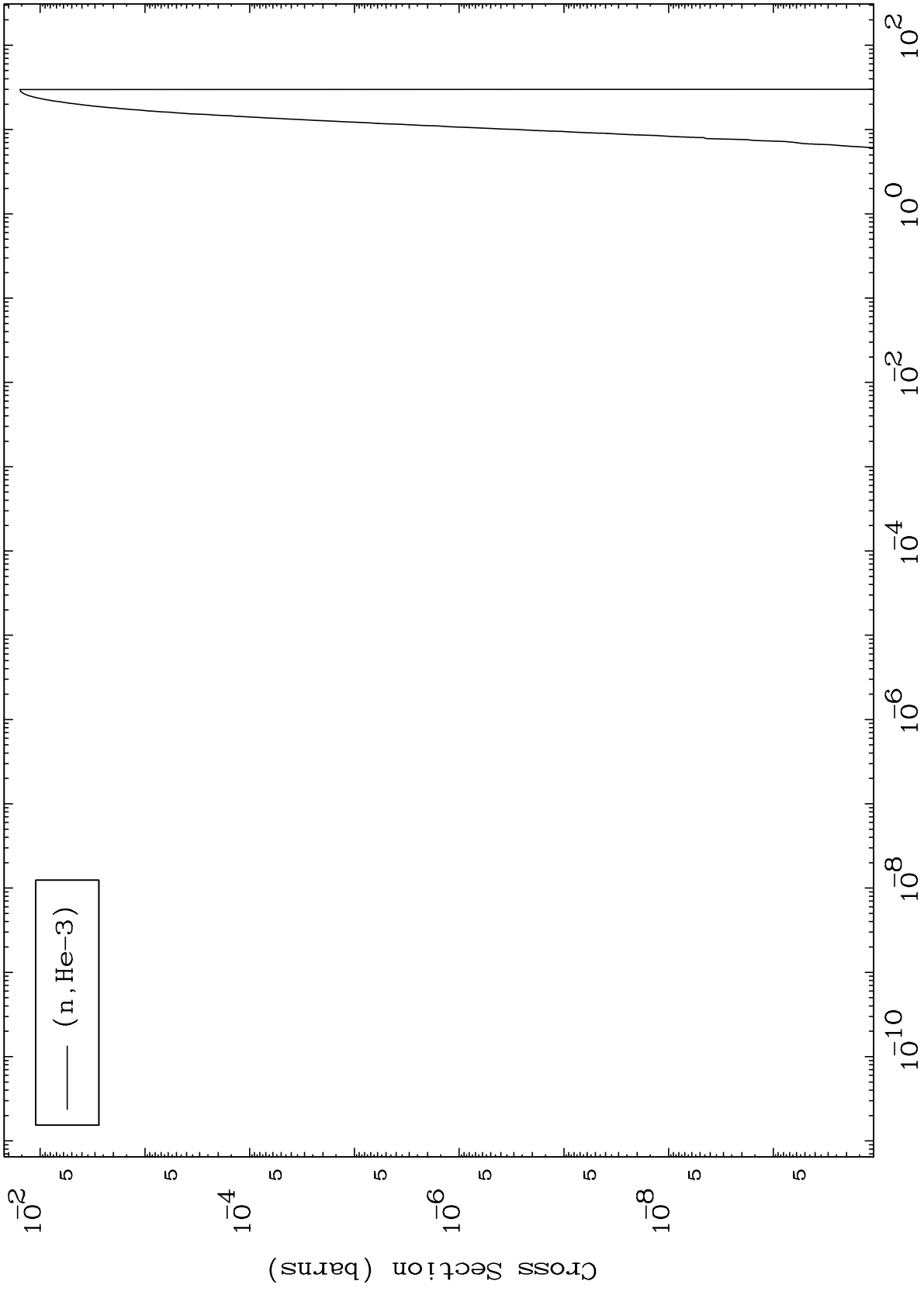
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-125

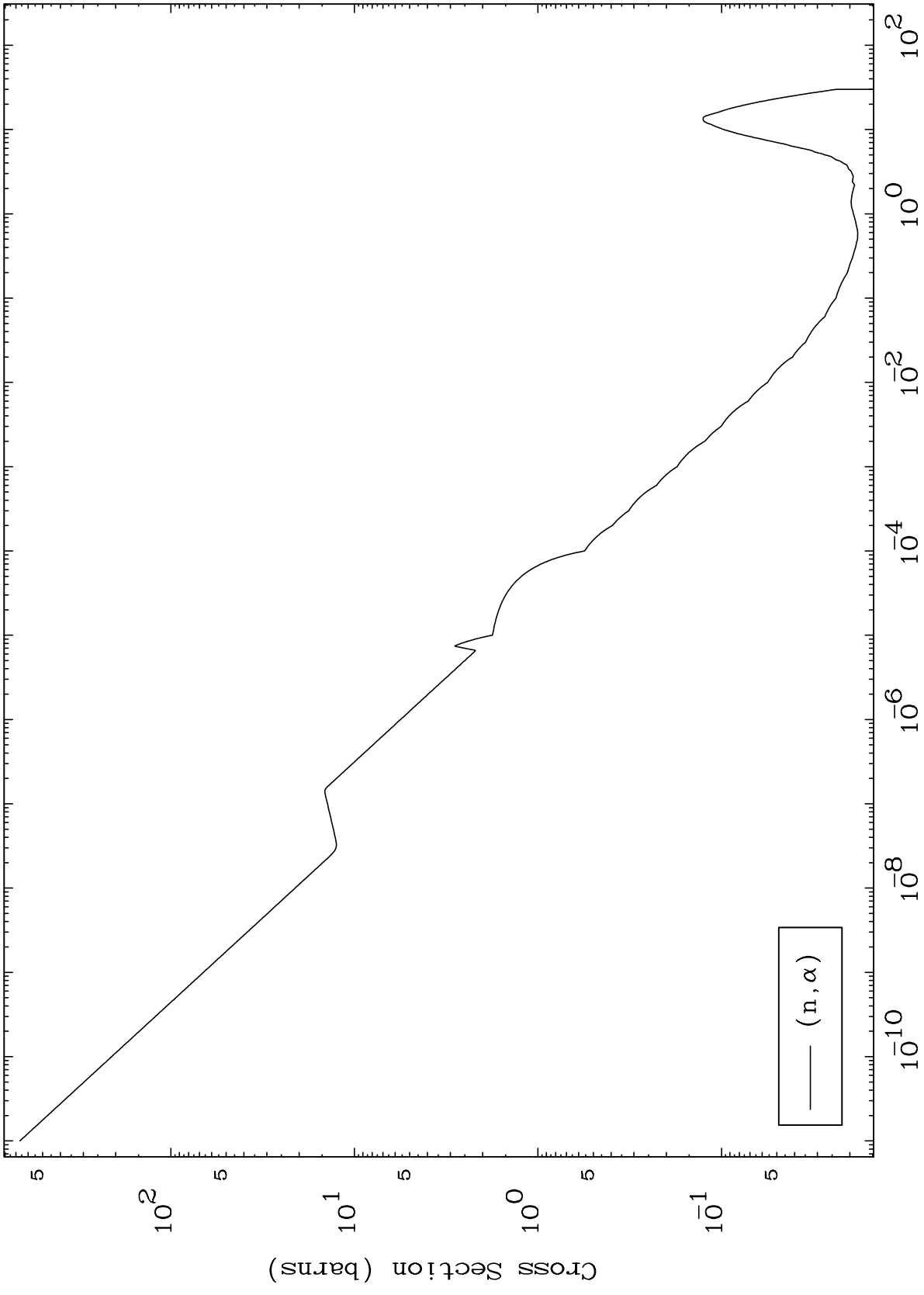


(n, He-3)

MAT 5792

(n,α) Levels
293 Kelvin Cross Sections

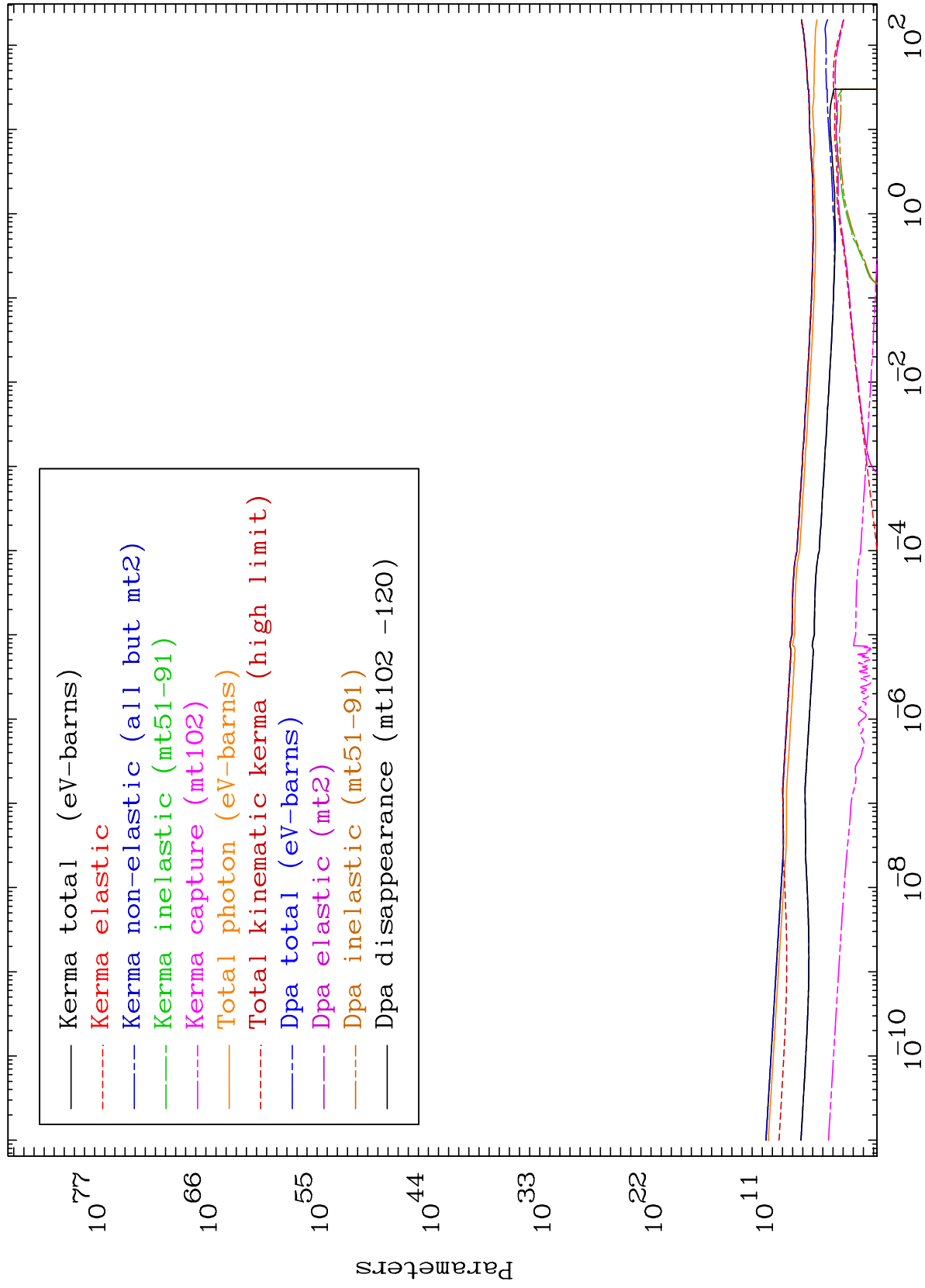
58-Ce-125



13

Incident Energy (MeV)

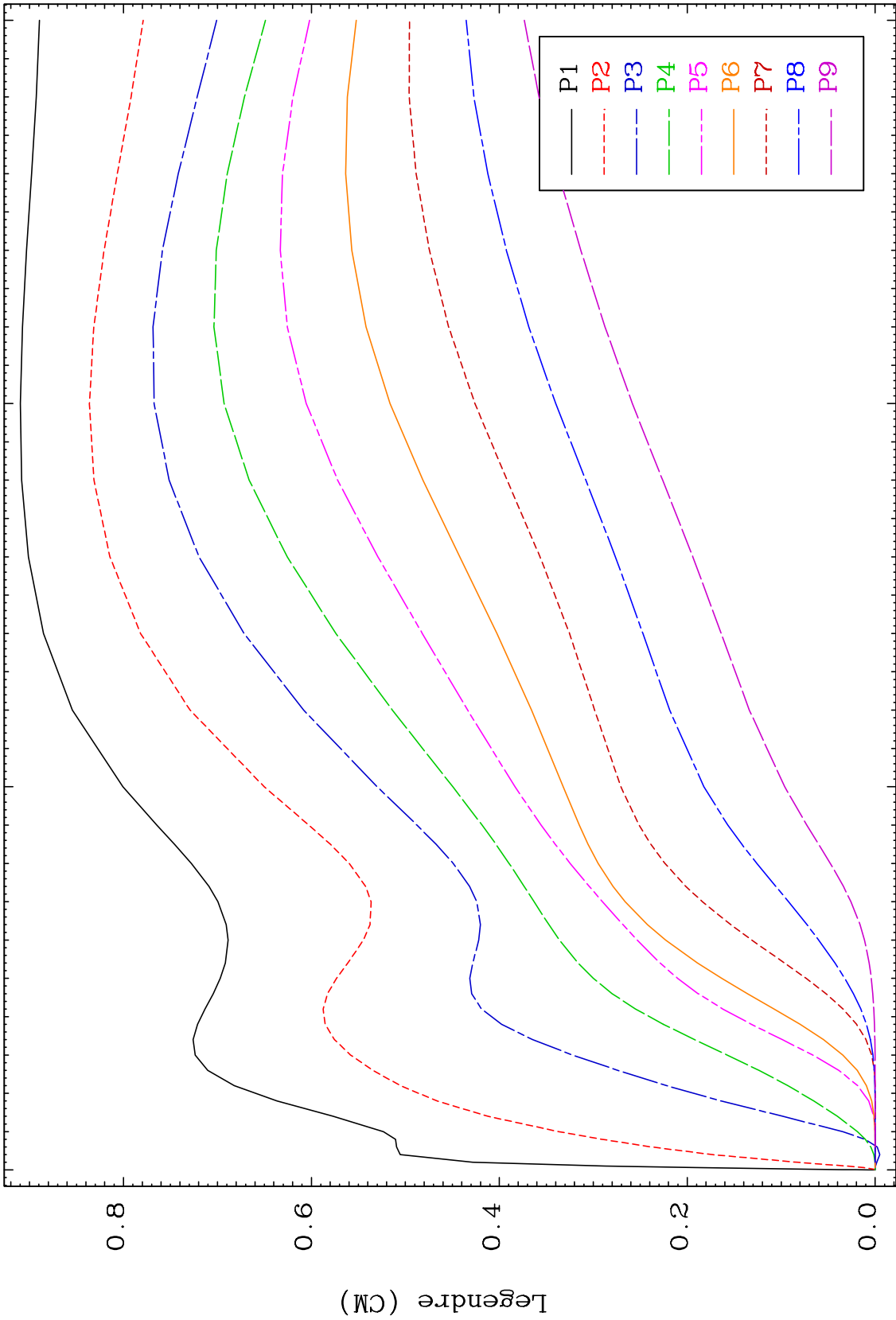
58-Ce-125



MAT 5792

Elastic Legendre Coefficients

58-Ce-125



15

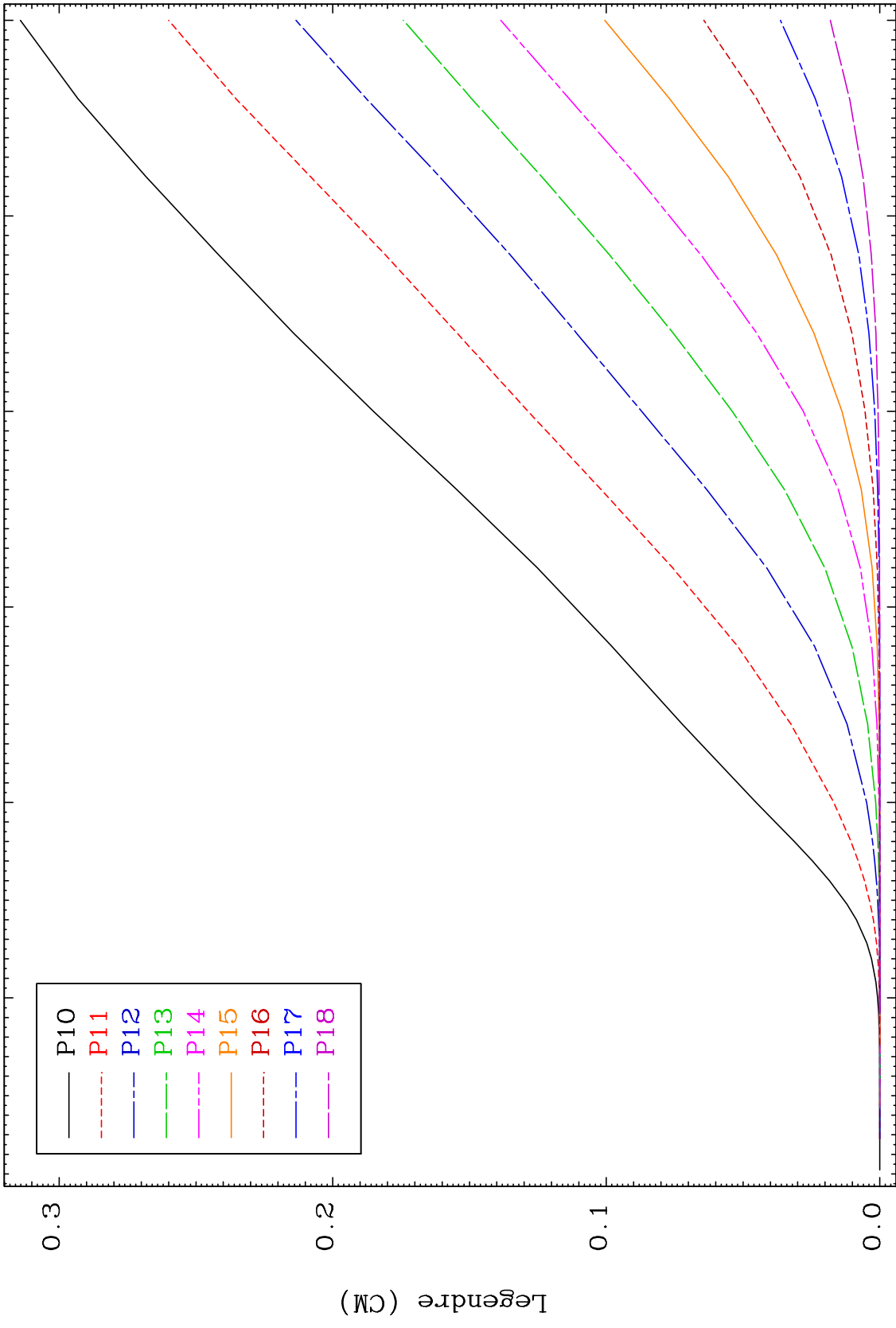
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

58-Ce-125



16

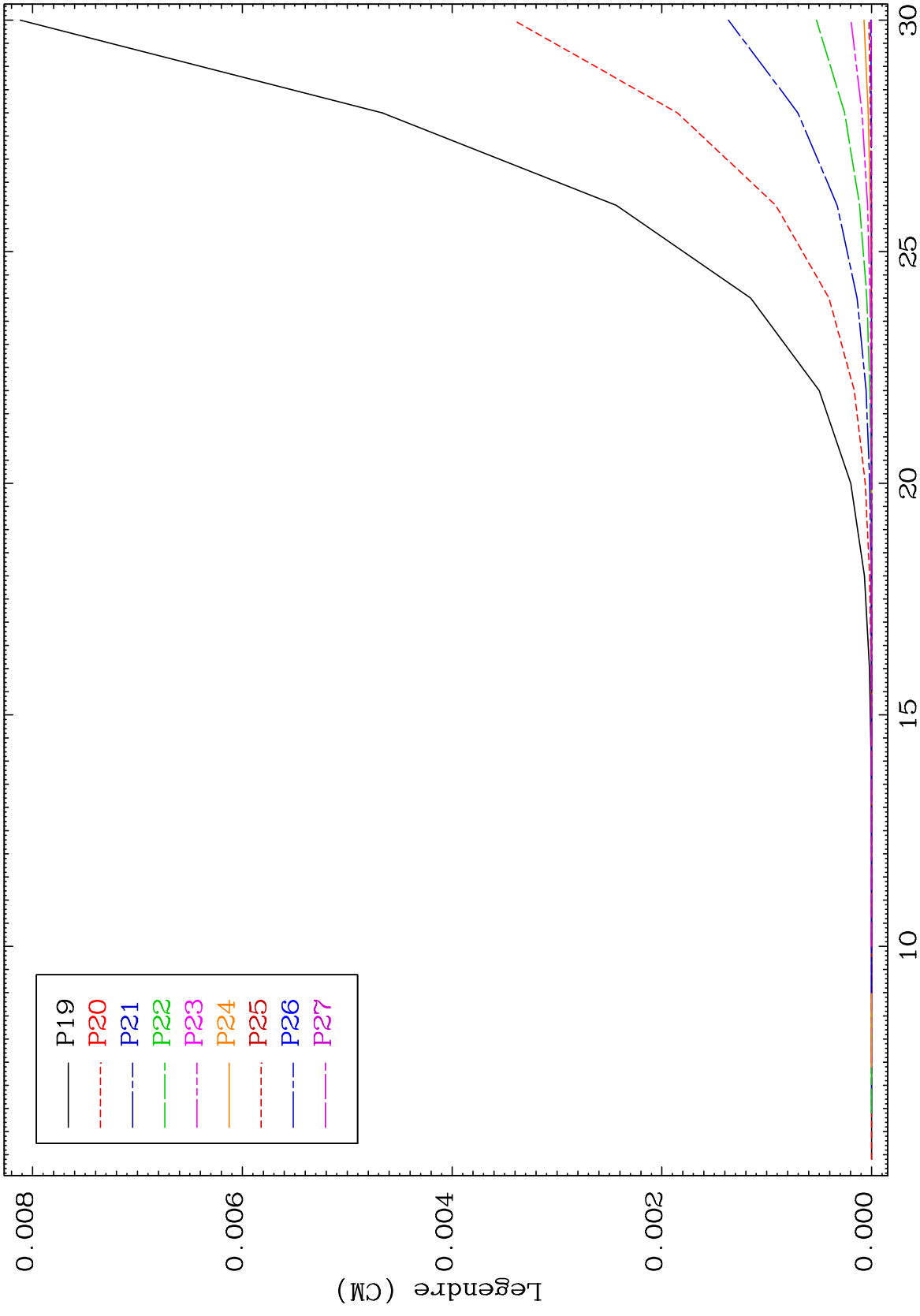
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

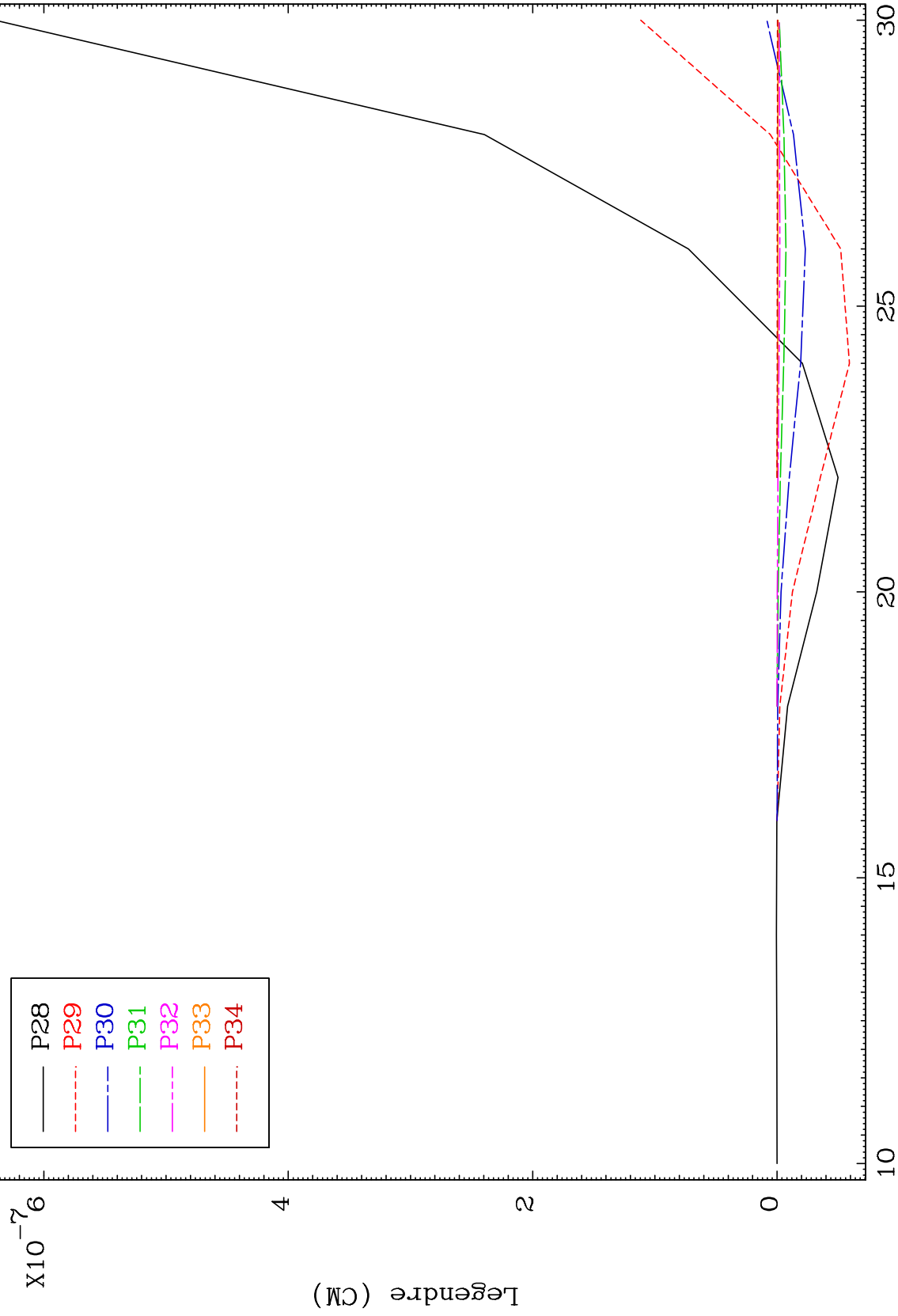
58-Ce-125



MAT 5792

Elastic Legendre Coefficients

58-Ce-125



18

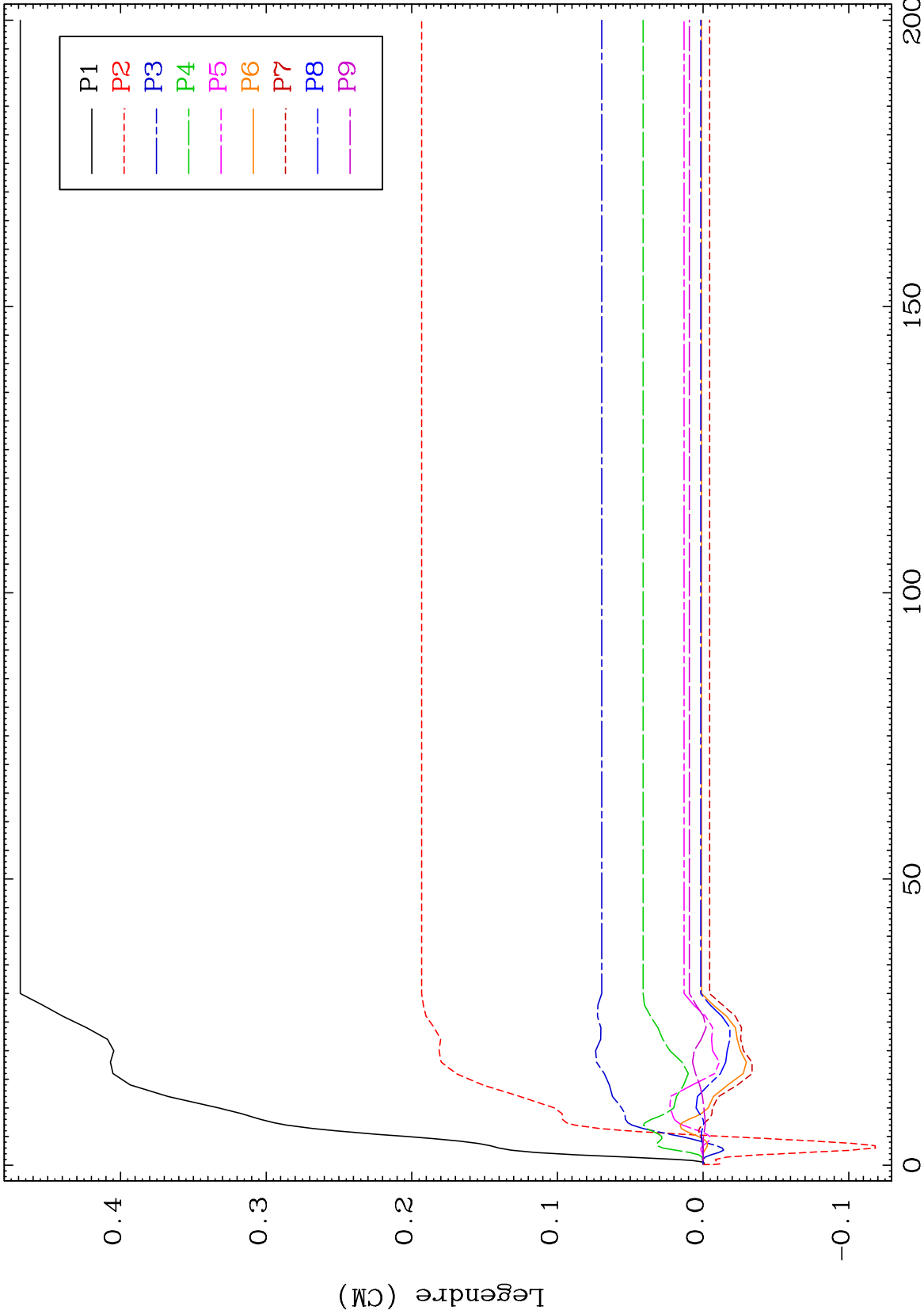
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



19

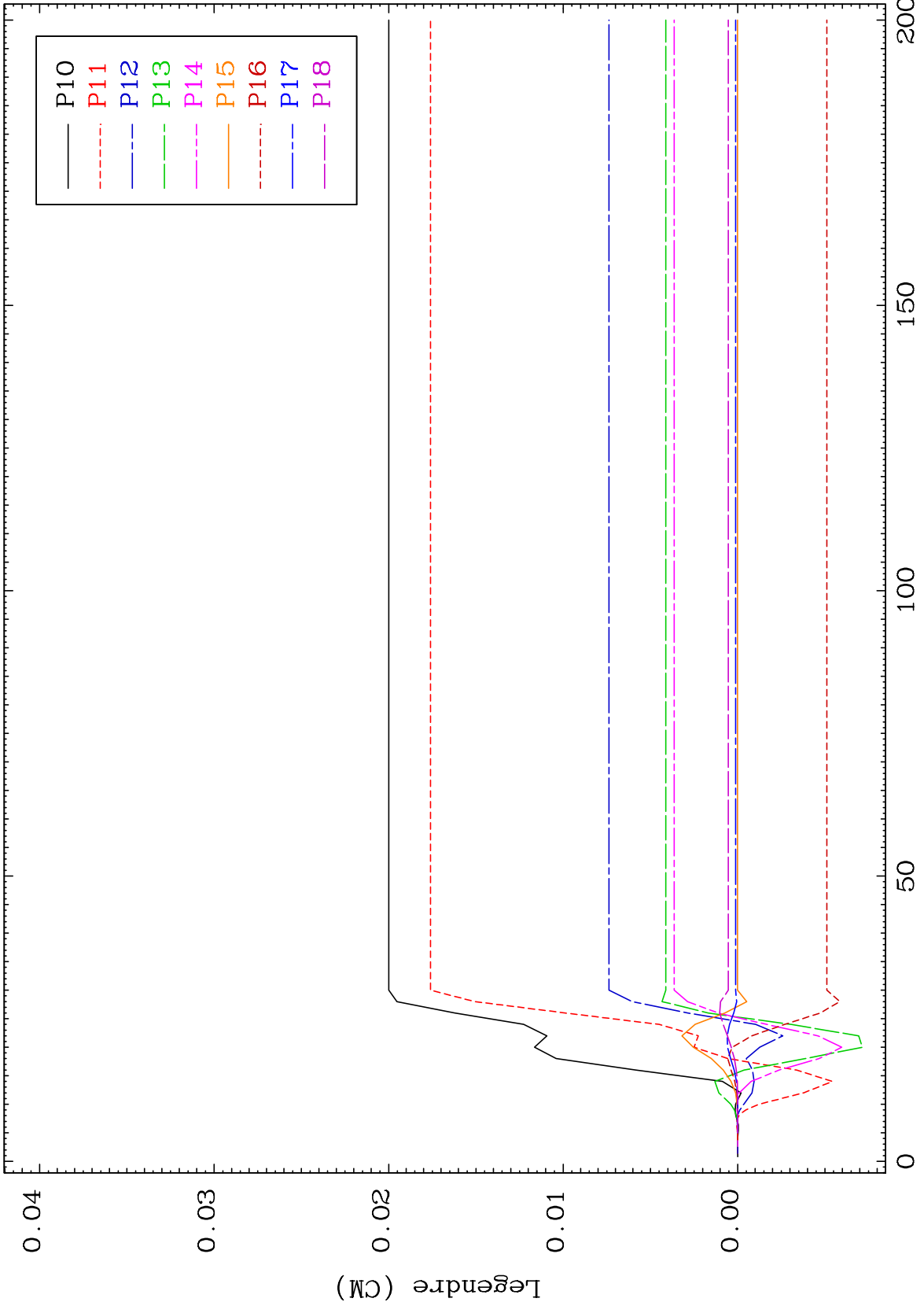
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



58-Ce-125

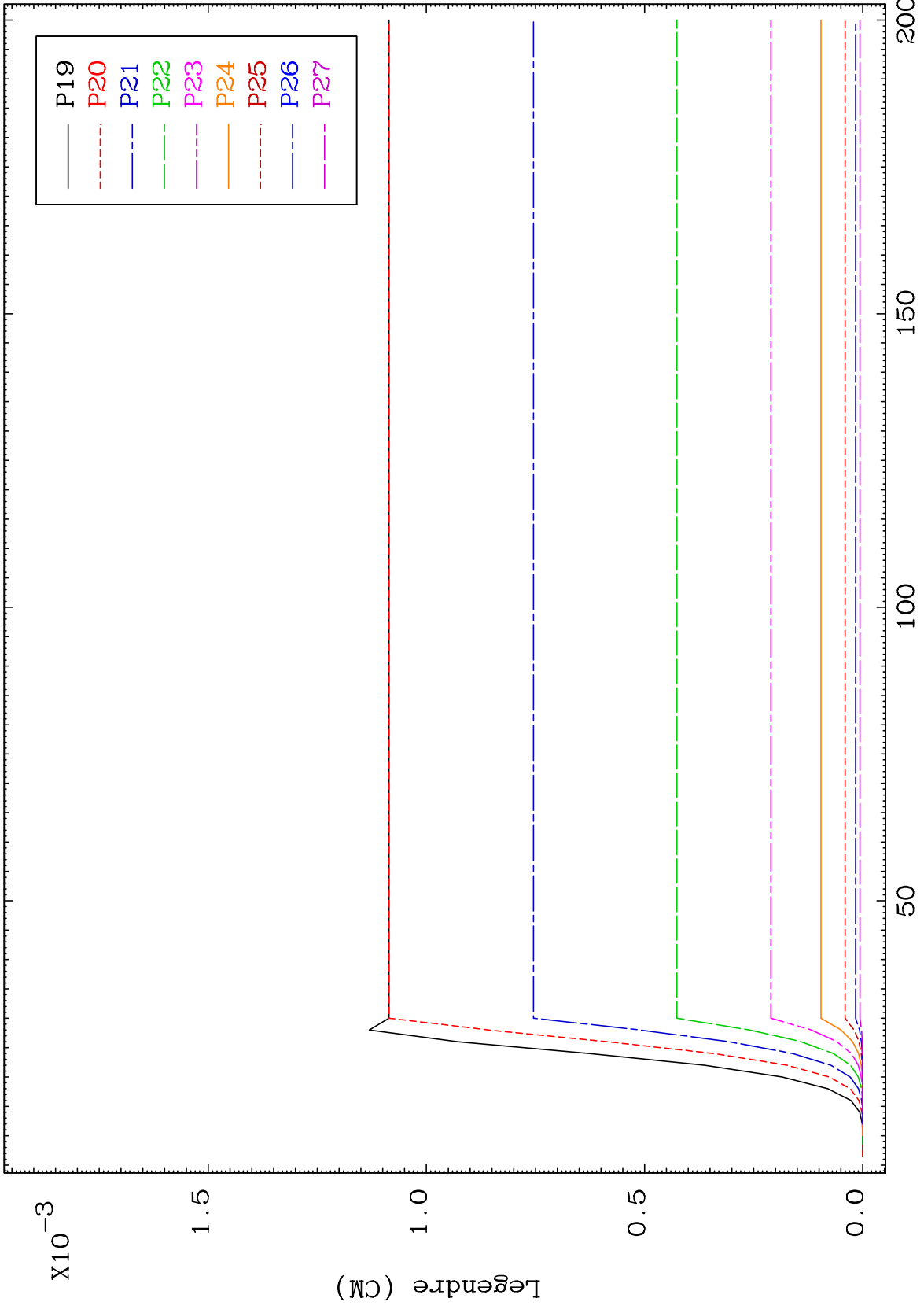
Incident Energy (MeV)

20

MAT 5792

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

58-Ce-125



21

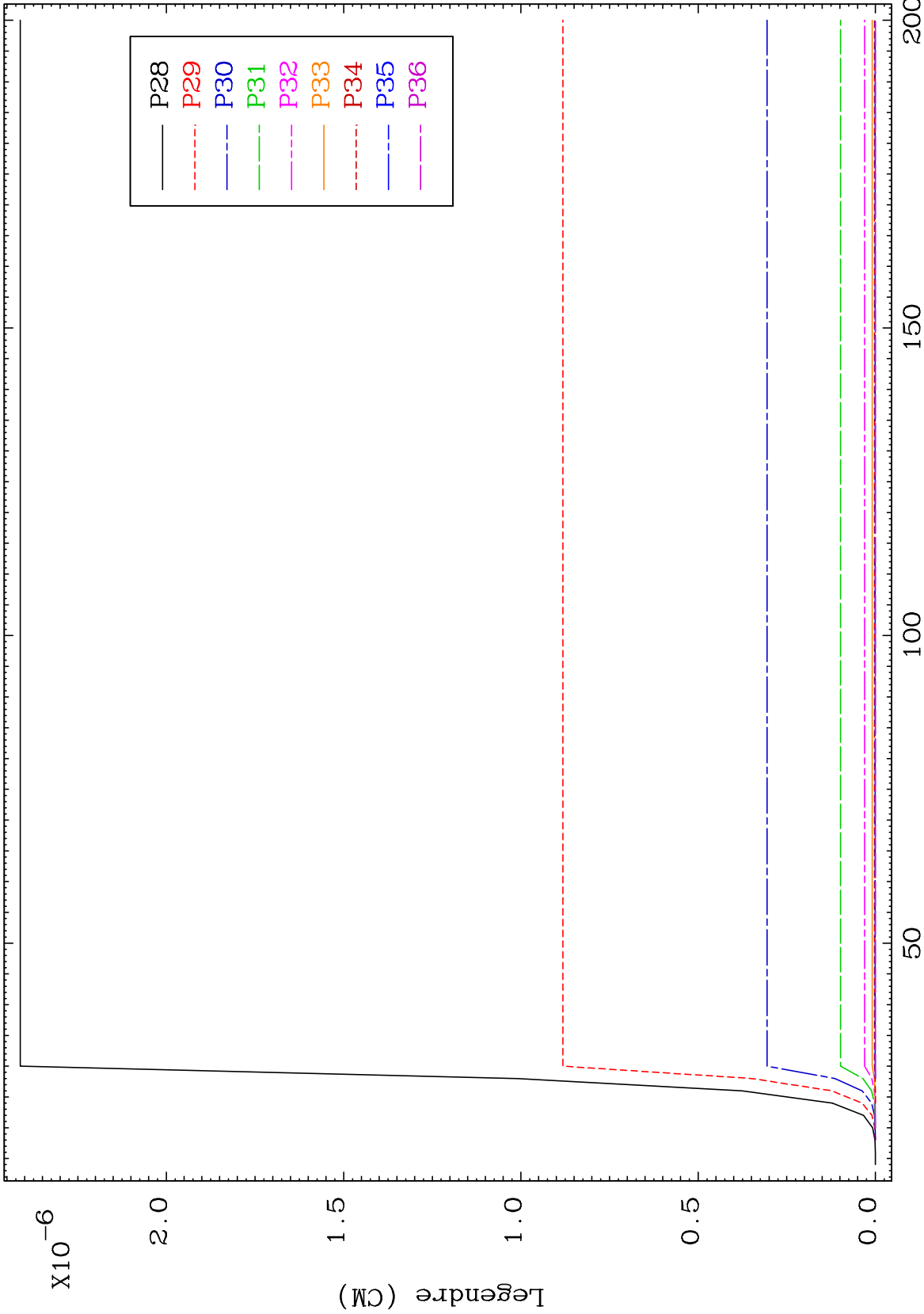
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



22

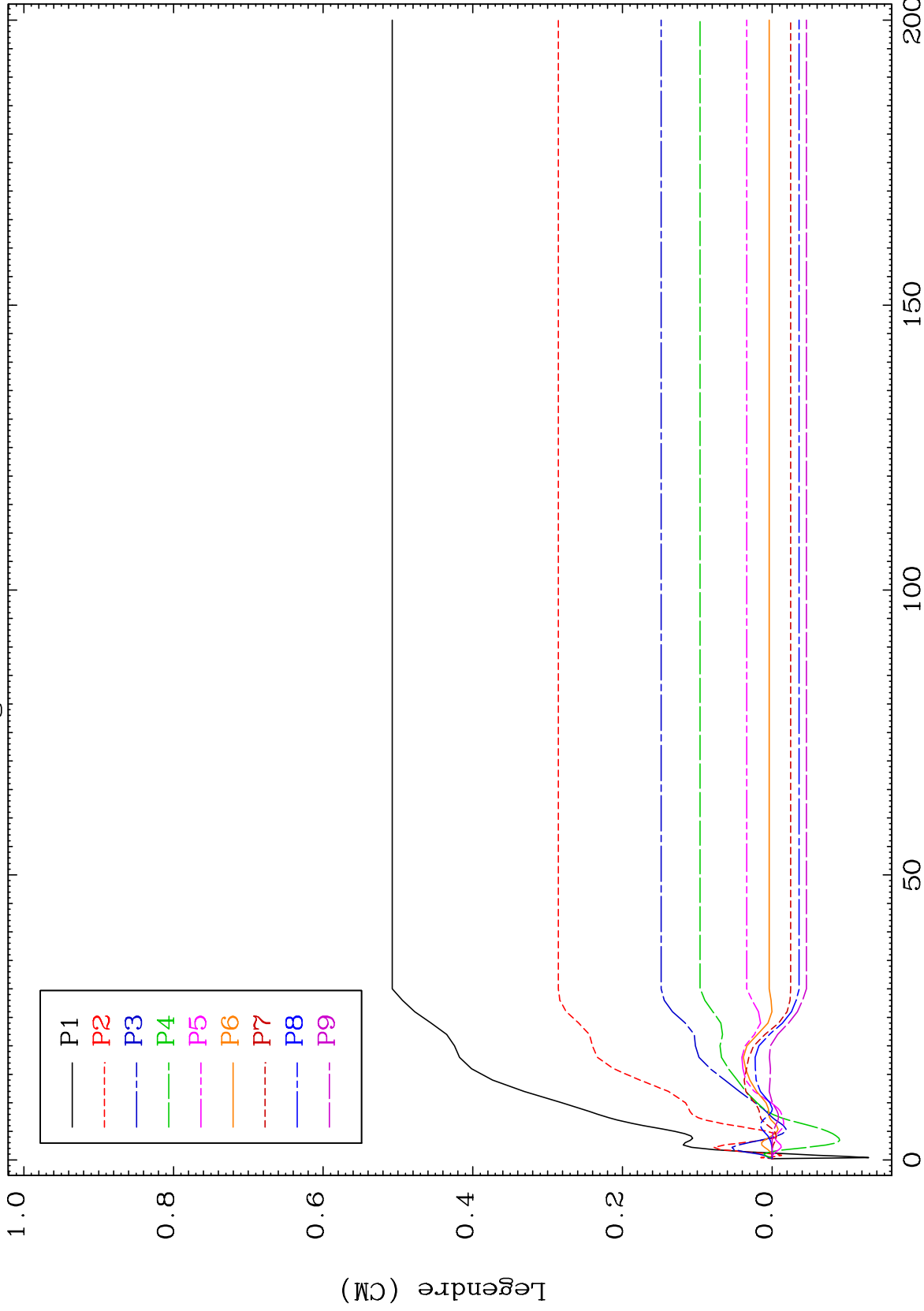
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



23

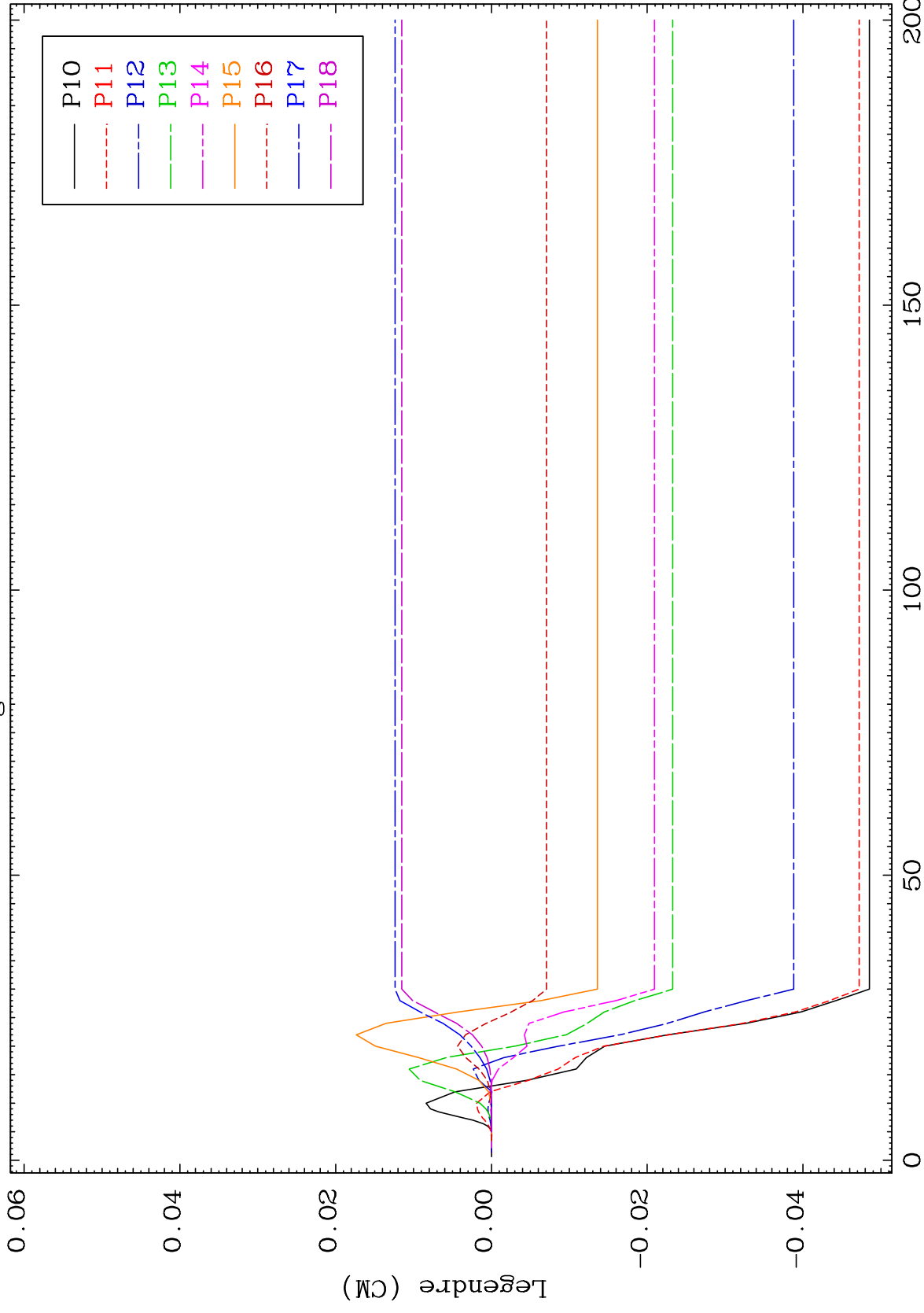
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



24

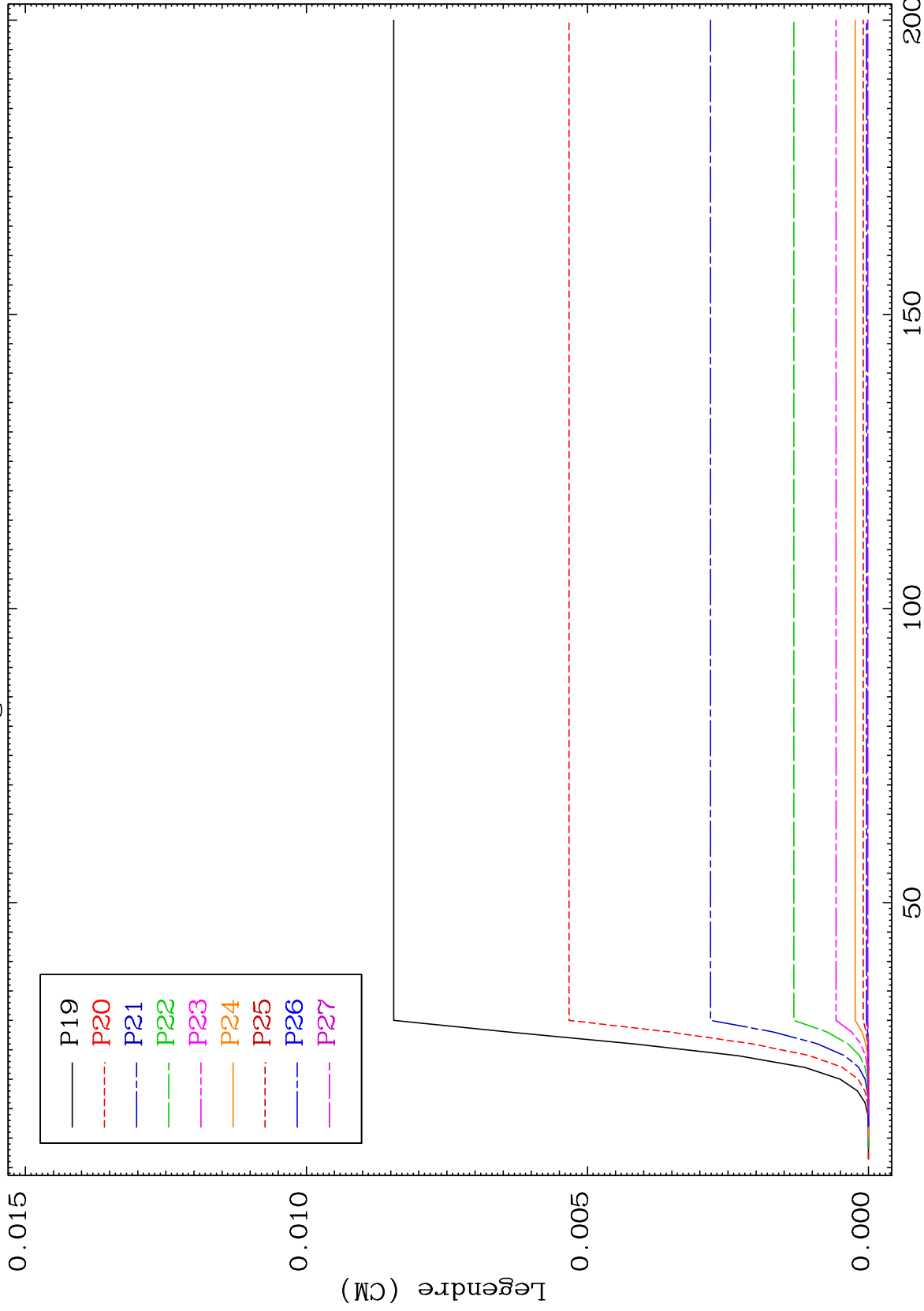
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



25

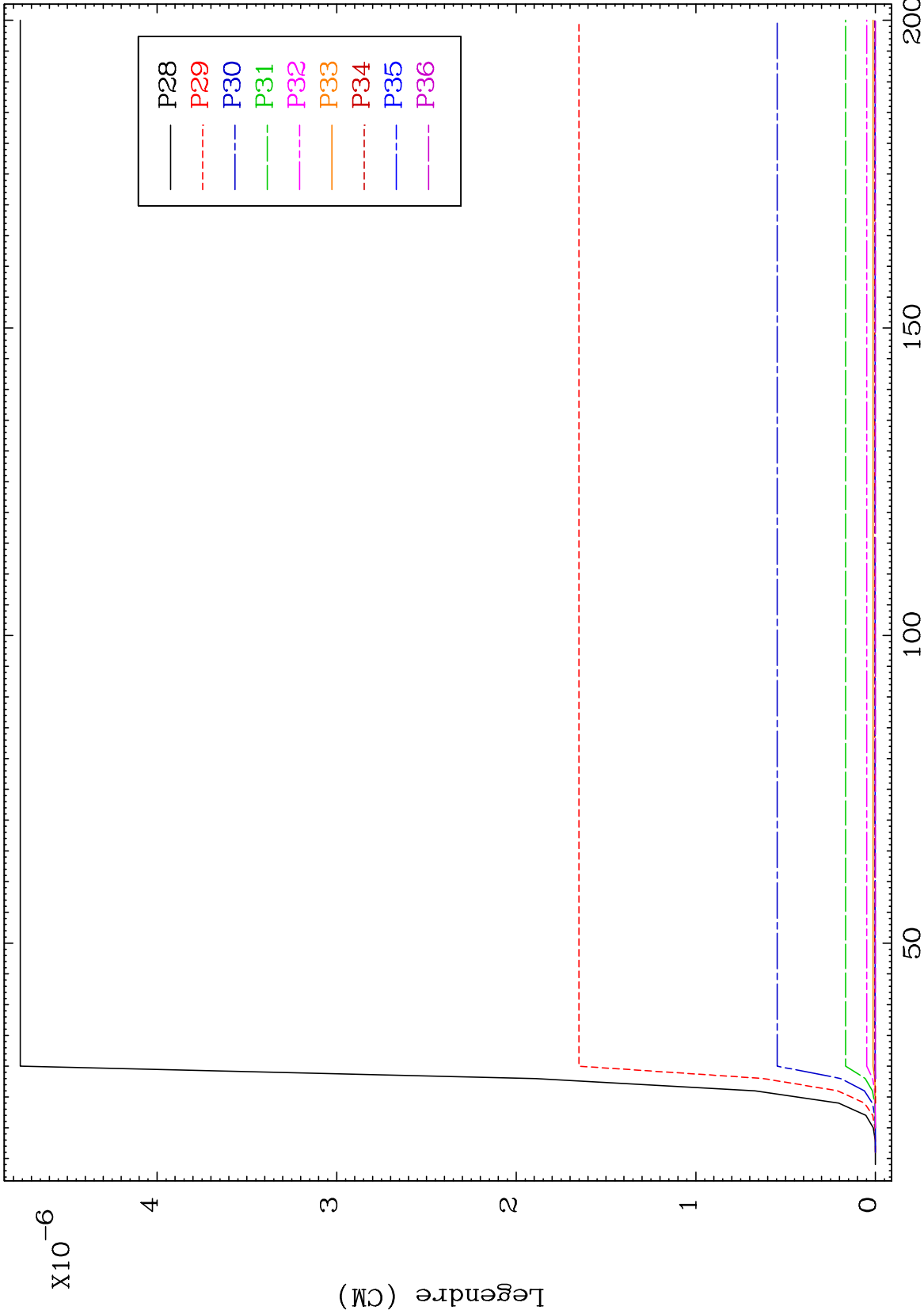
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



26

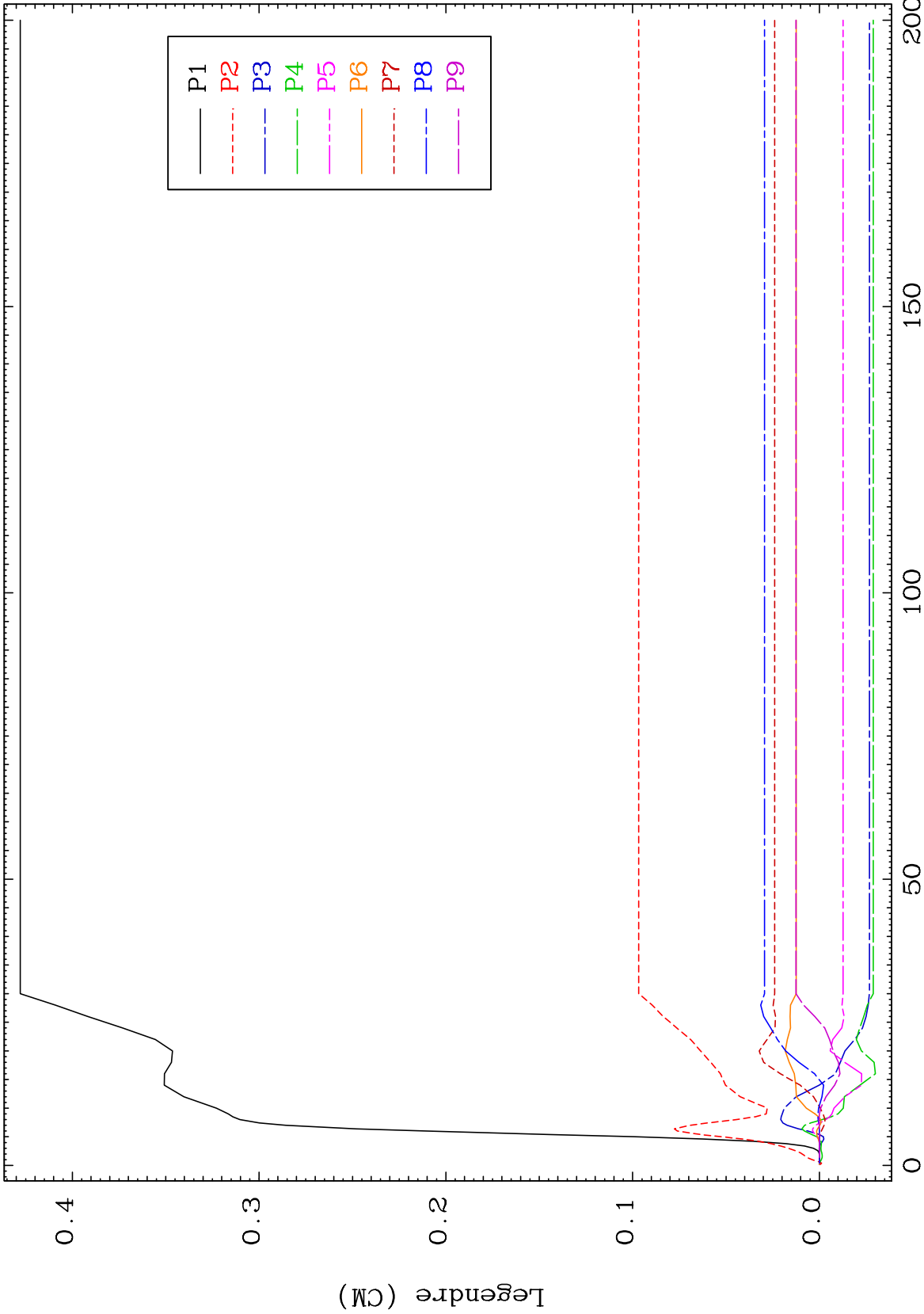
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



27

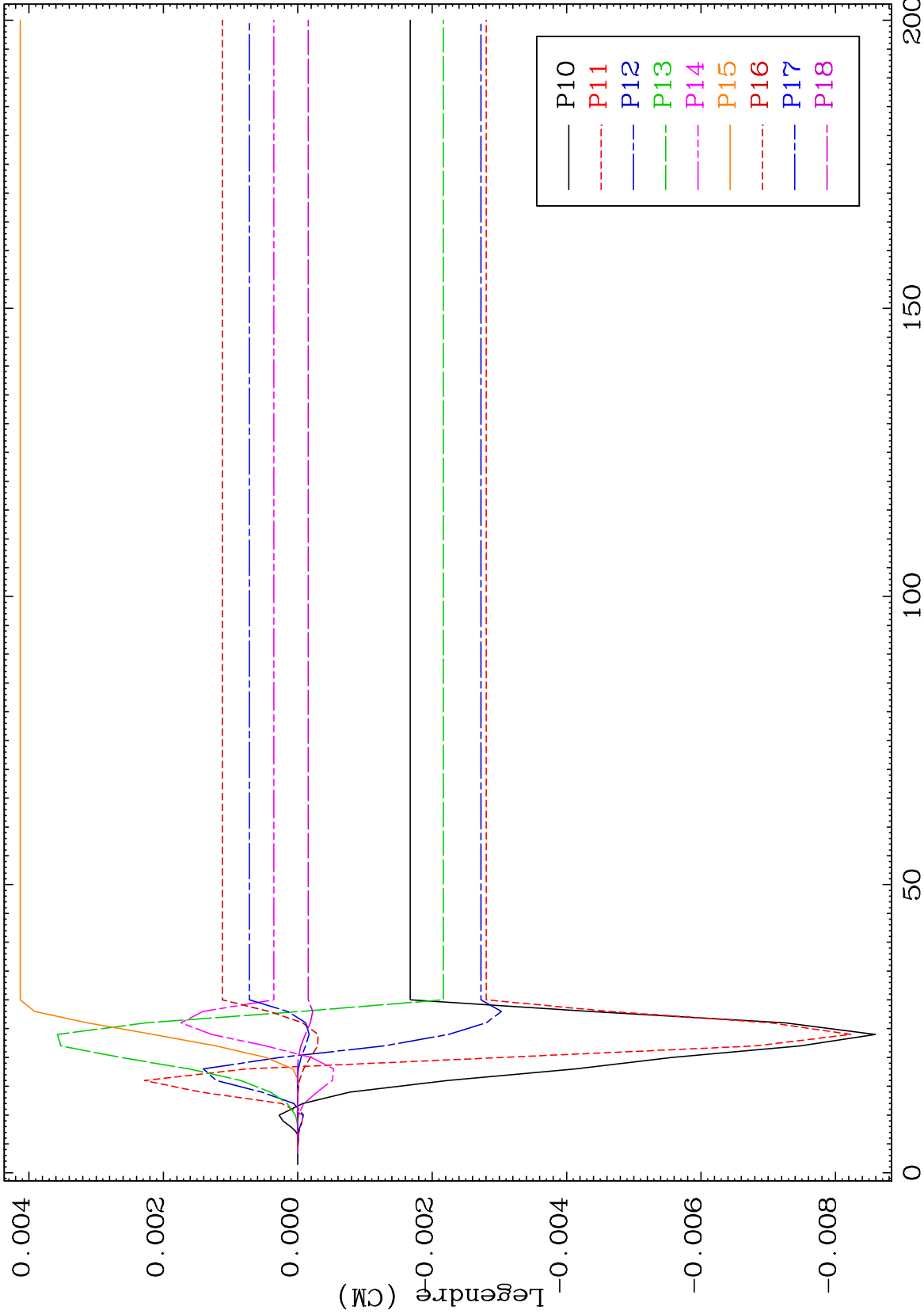
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



28

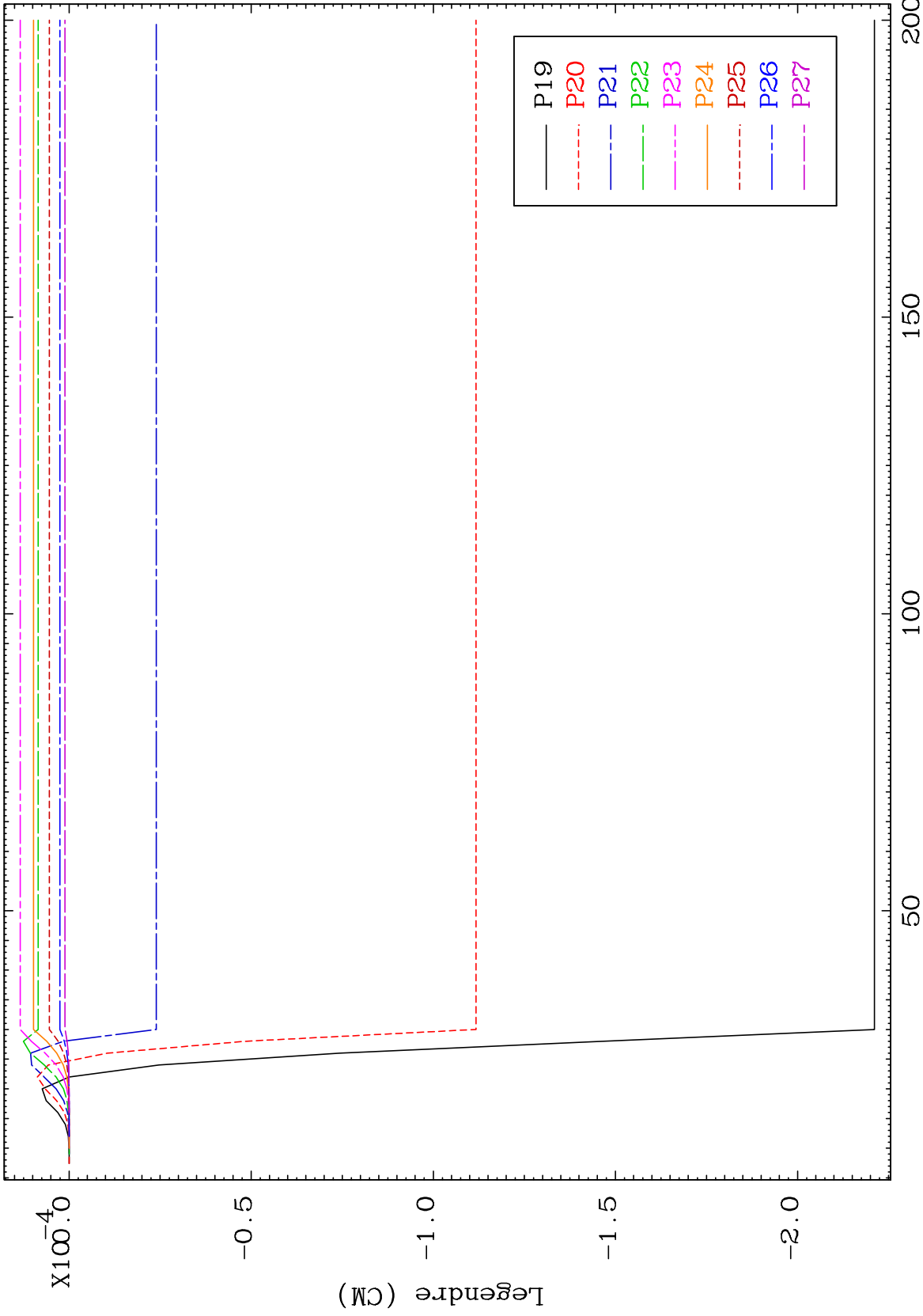
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



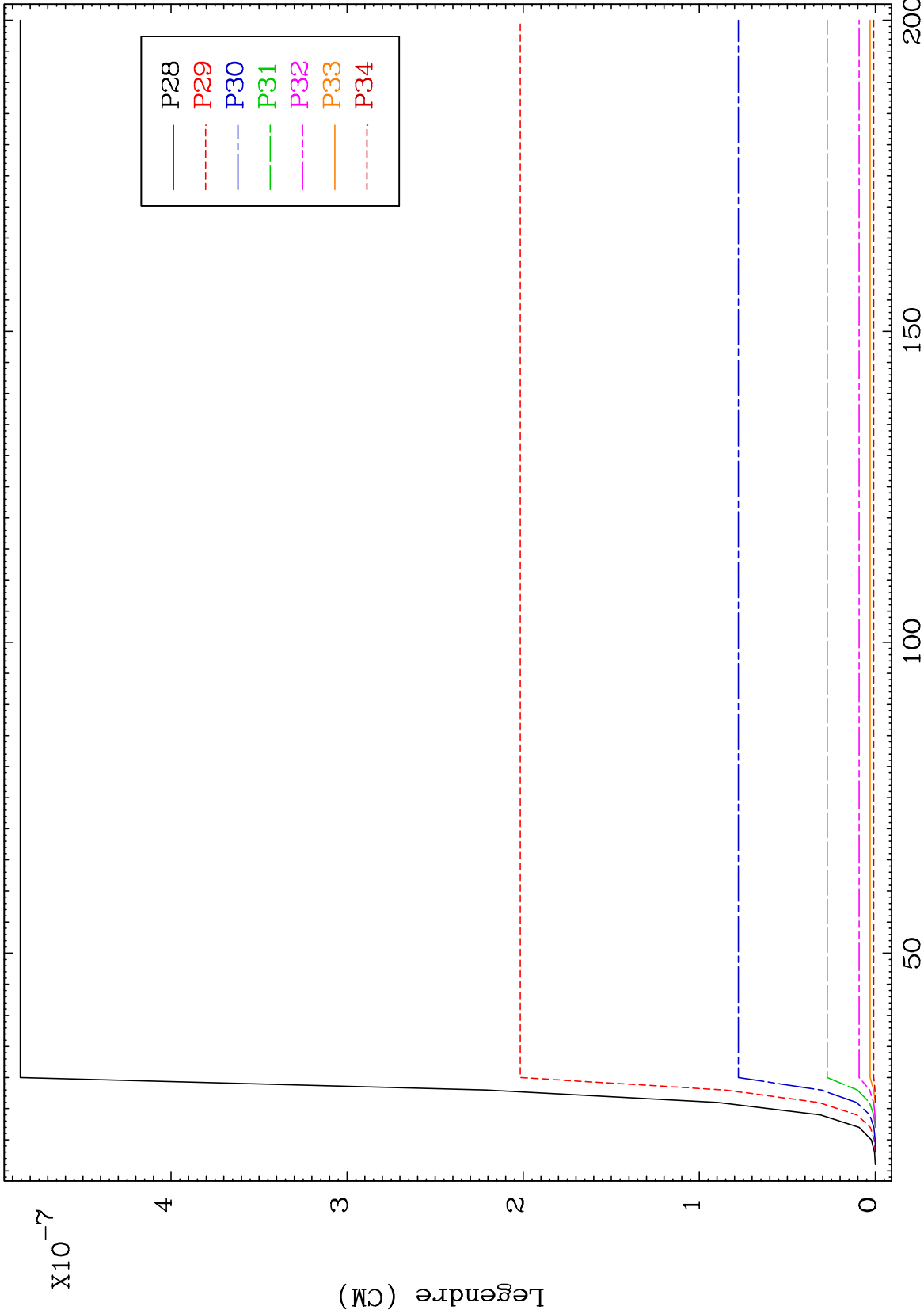
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58-Ce-125

MAT 5792

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

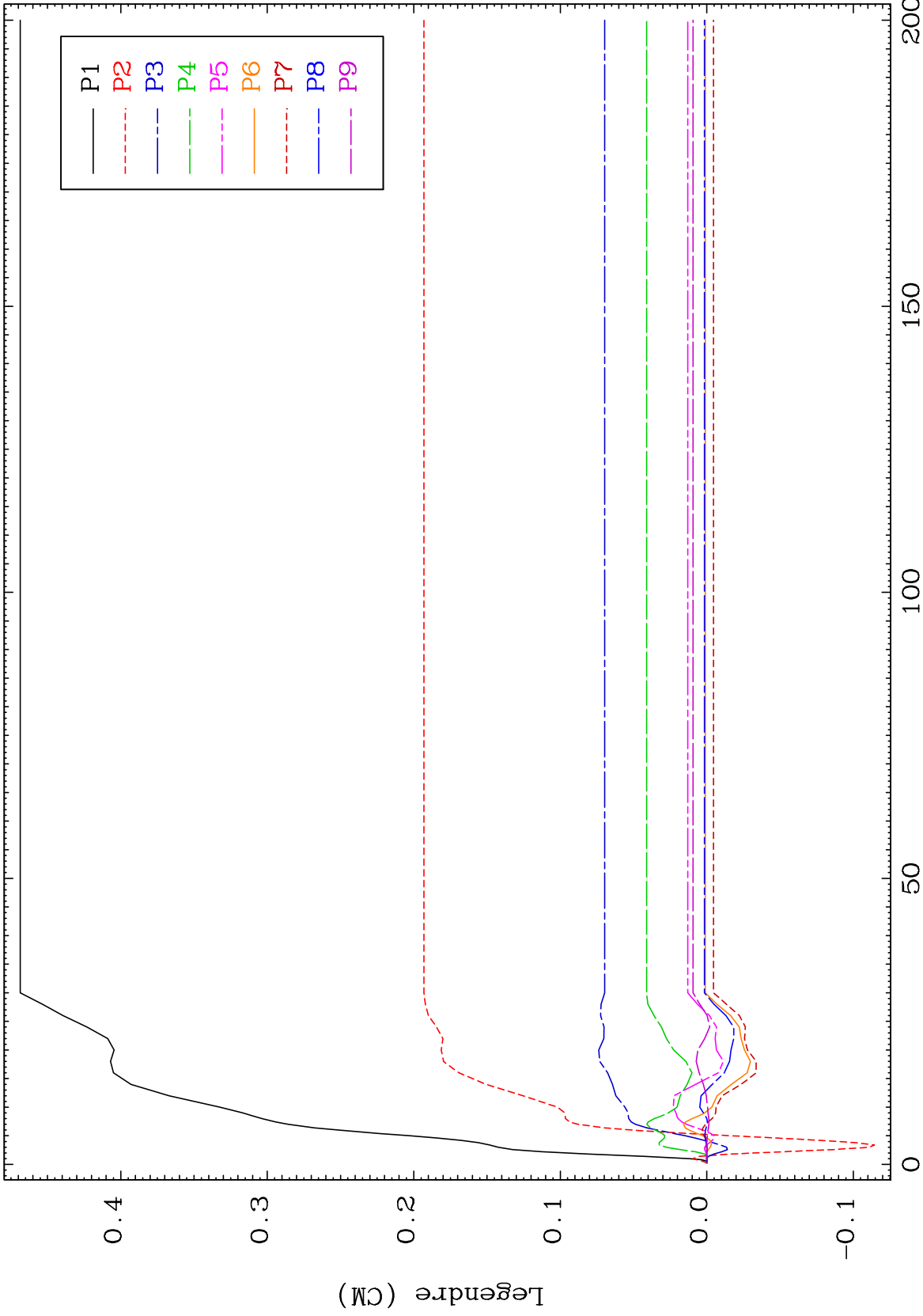
58-Ce-125



MAT 5792

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

58-Ce-125



31

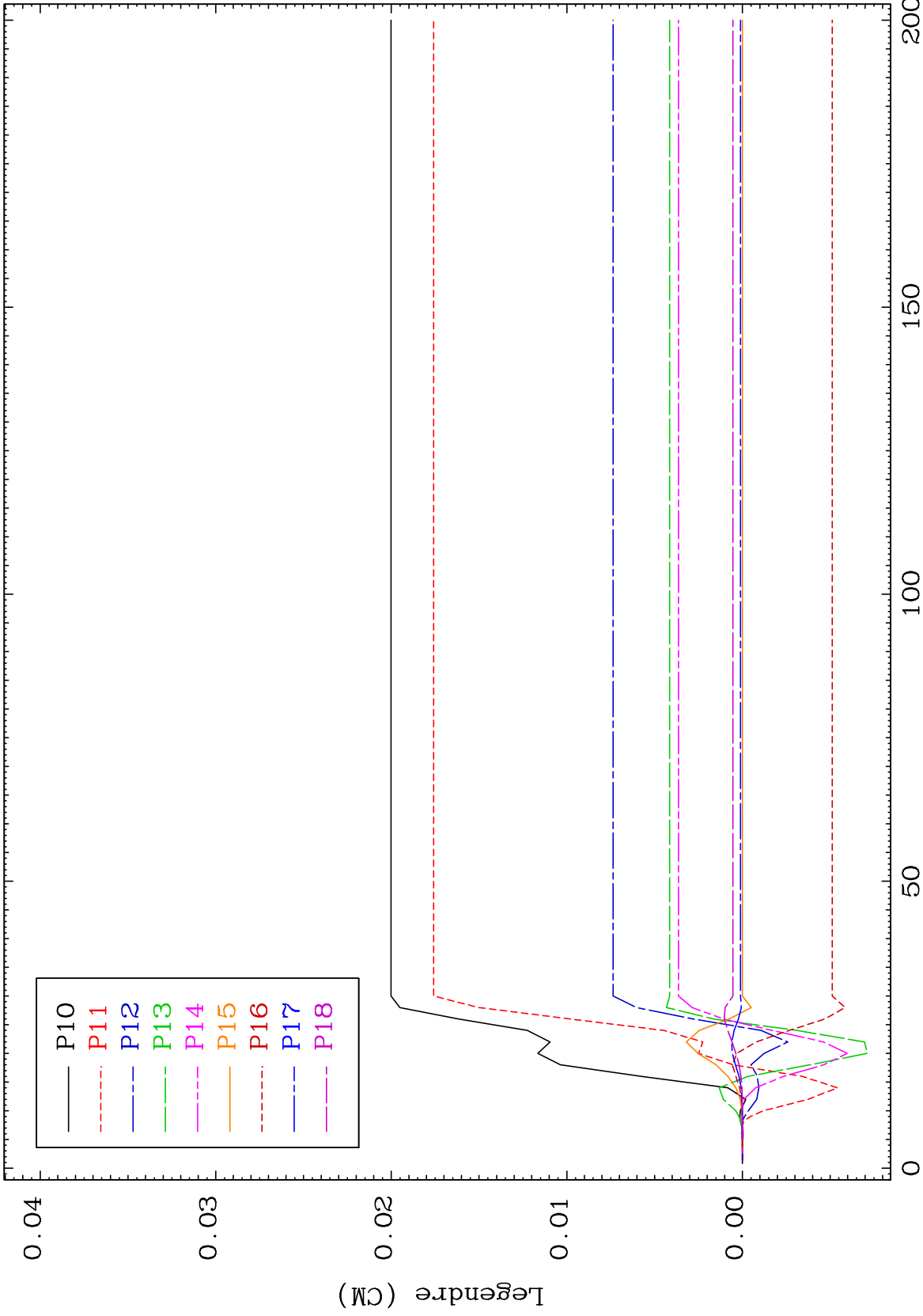
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



32

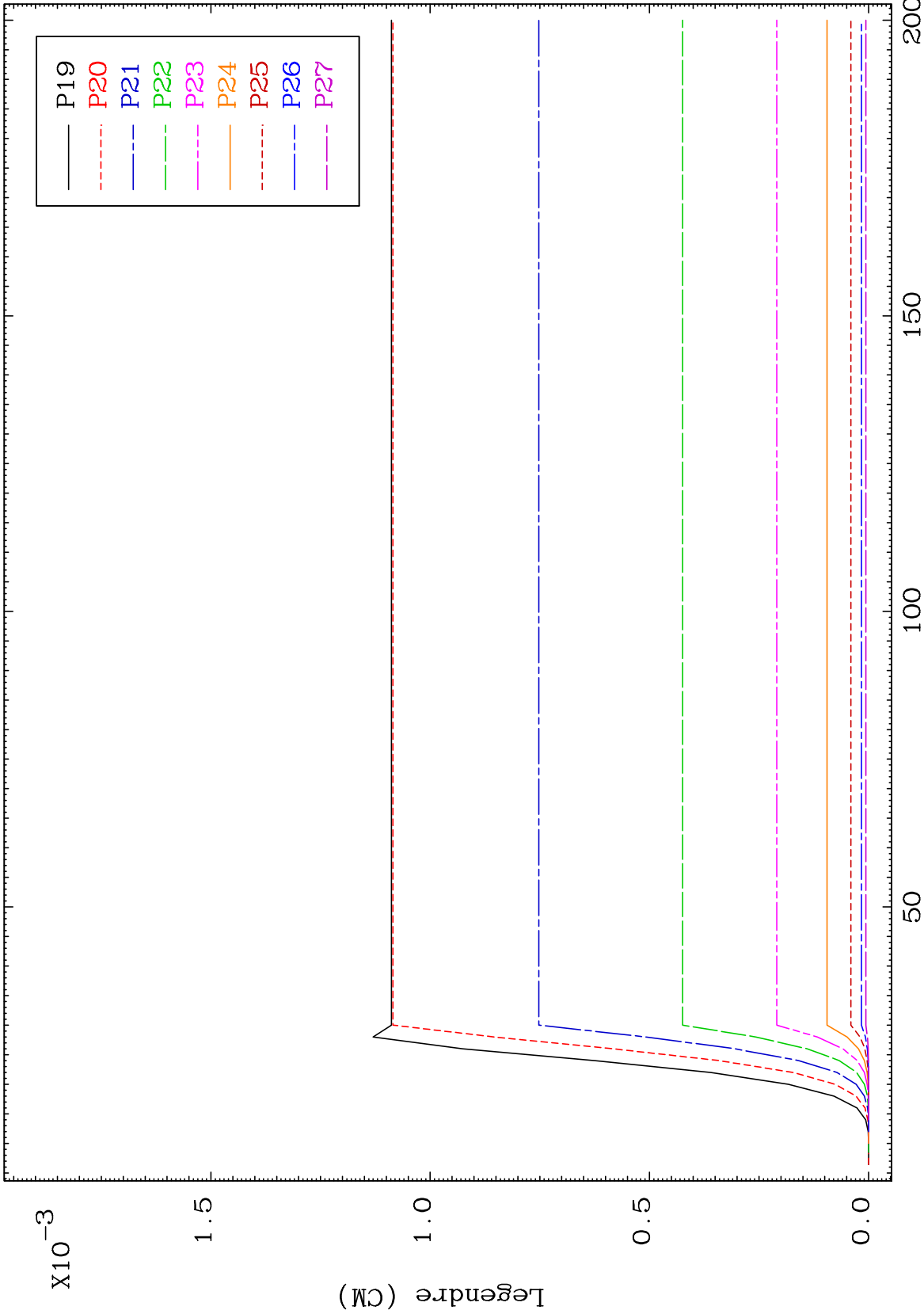
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



33

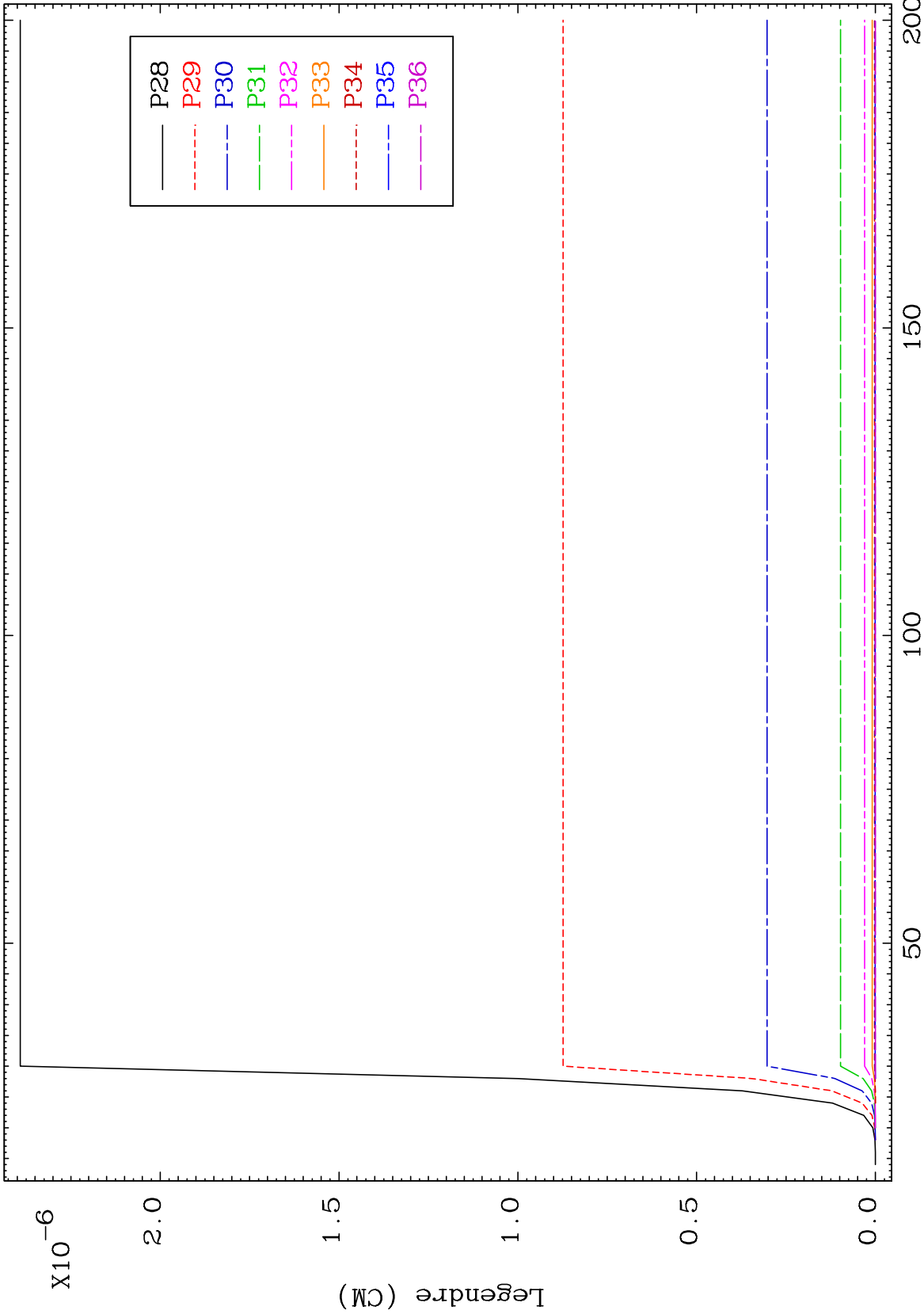
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



34

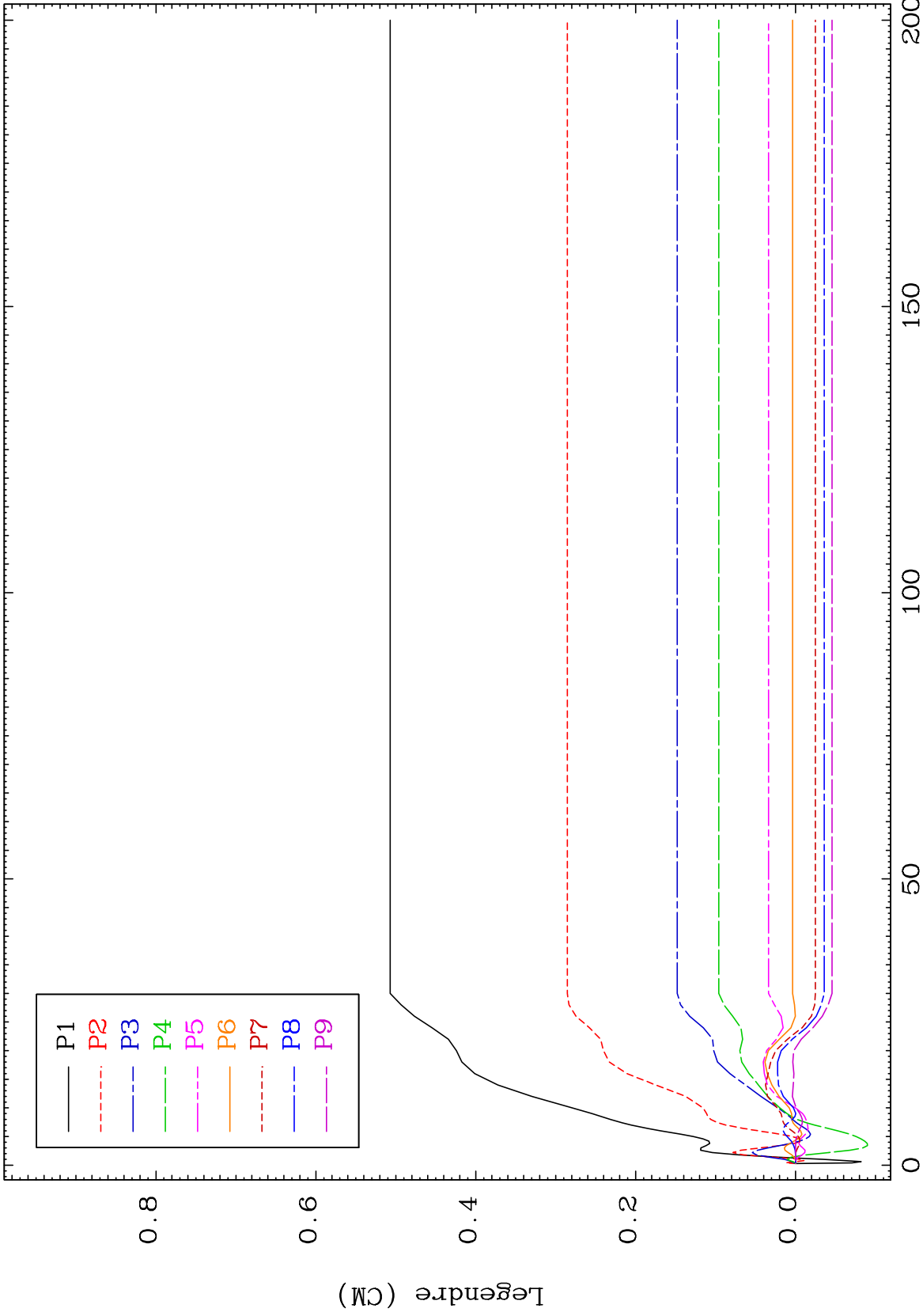
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



58-Ce-125

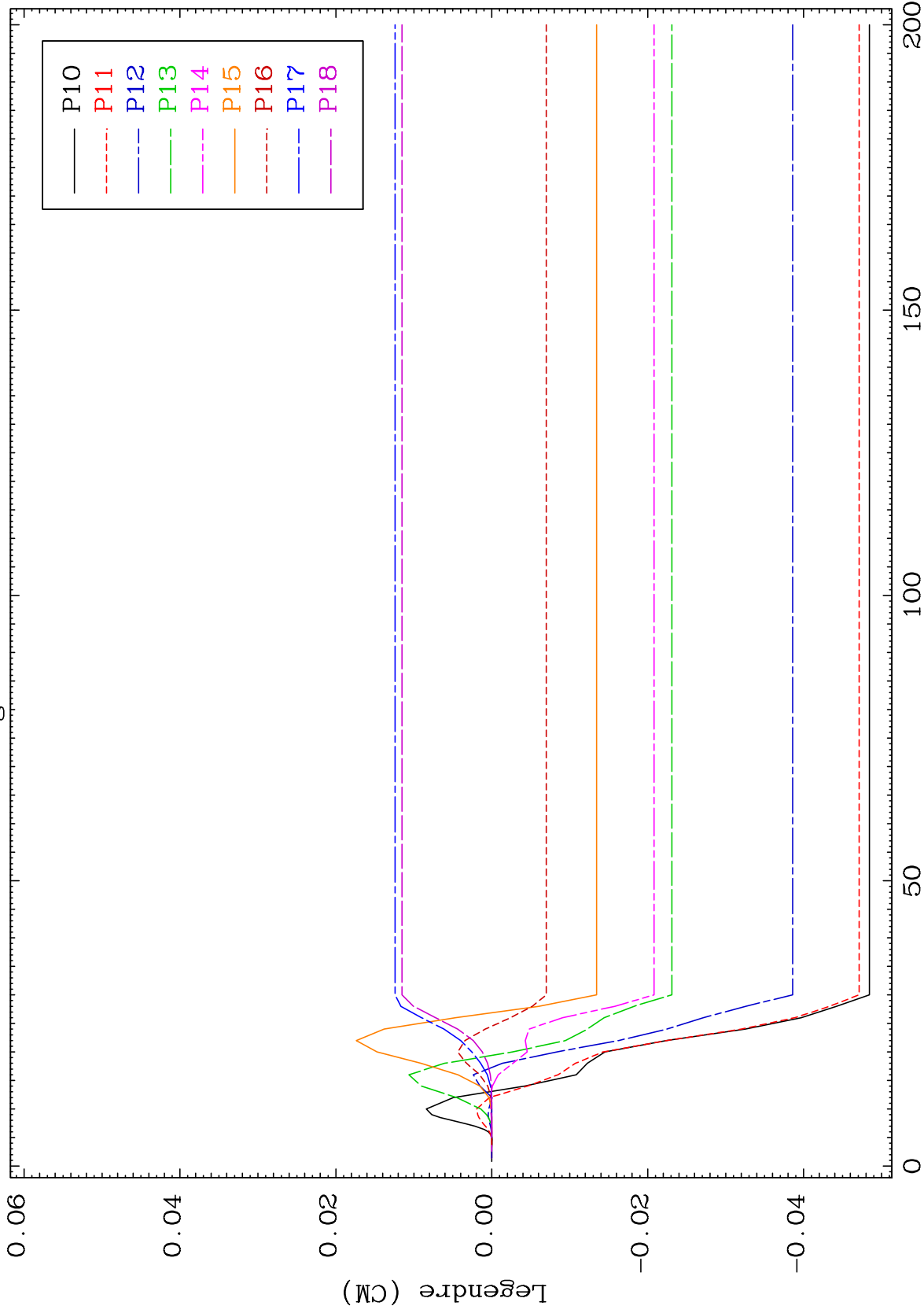
Incident Energy (MeV)

35

MAT 5792

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

58-Ce-125



36

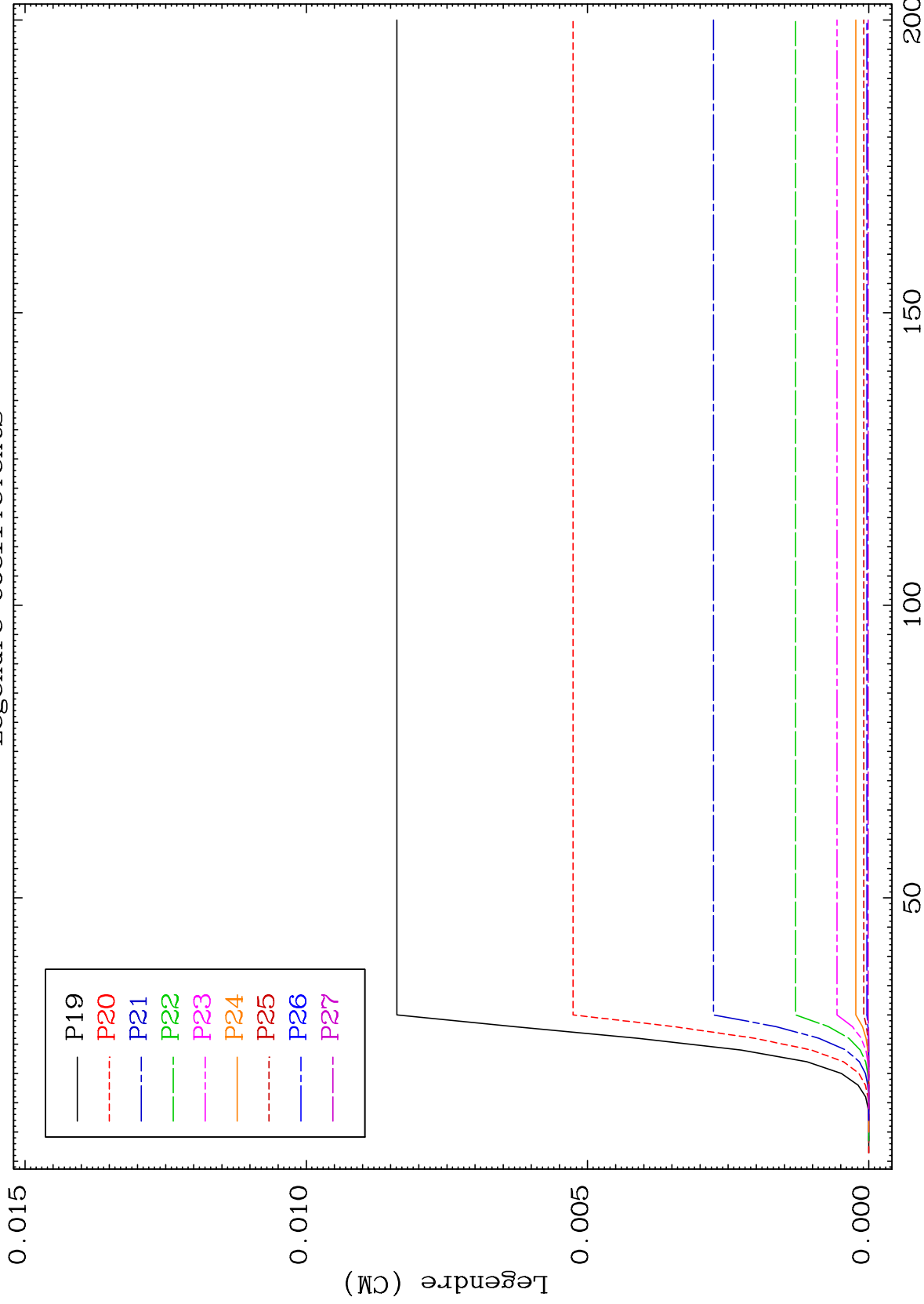
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



37

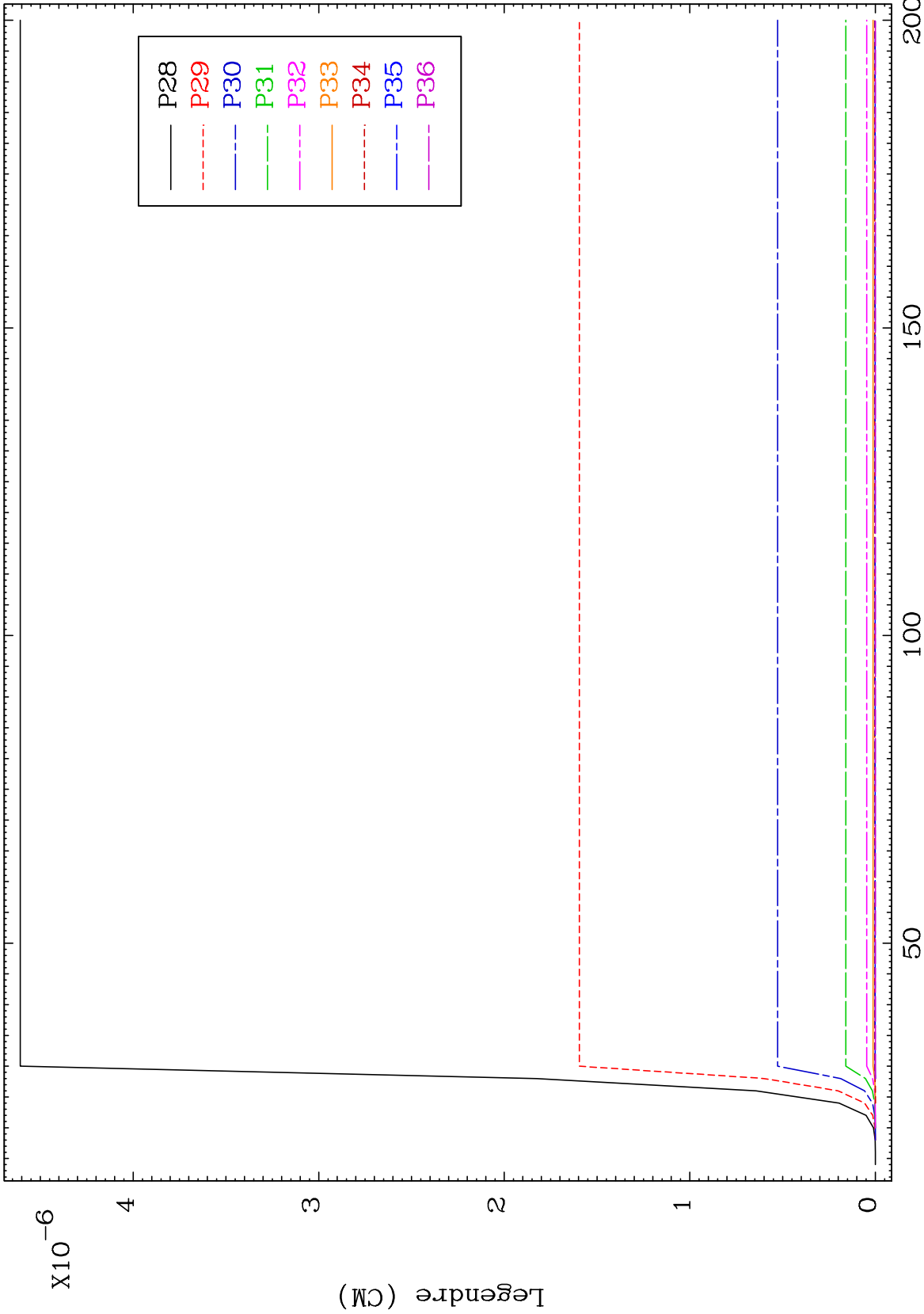
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



38

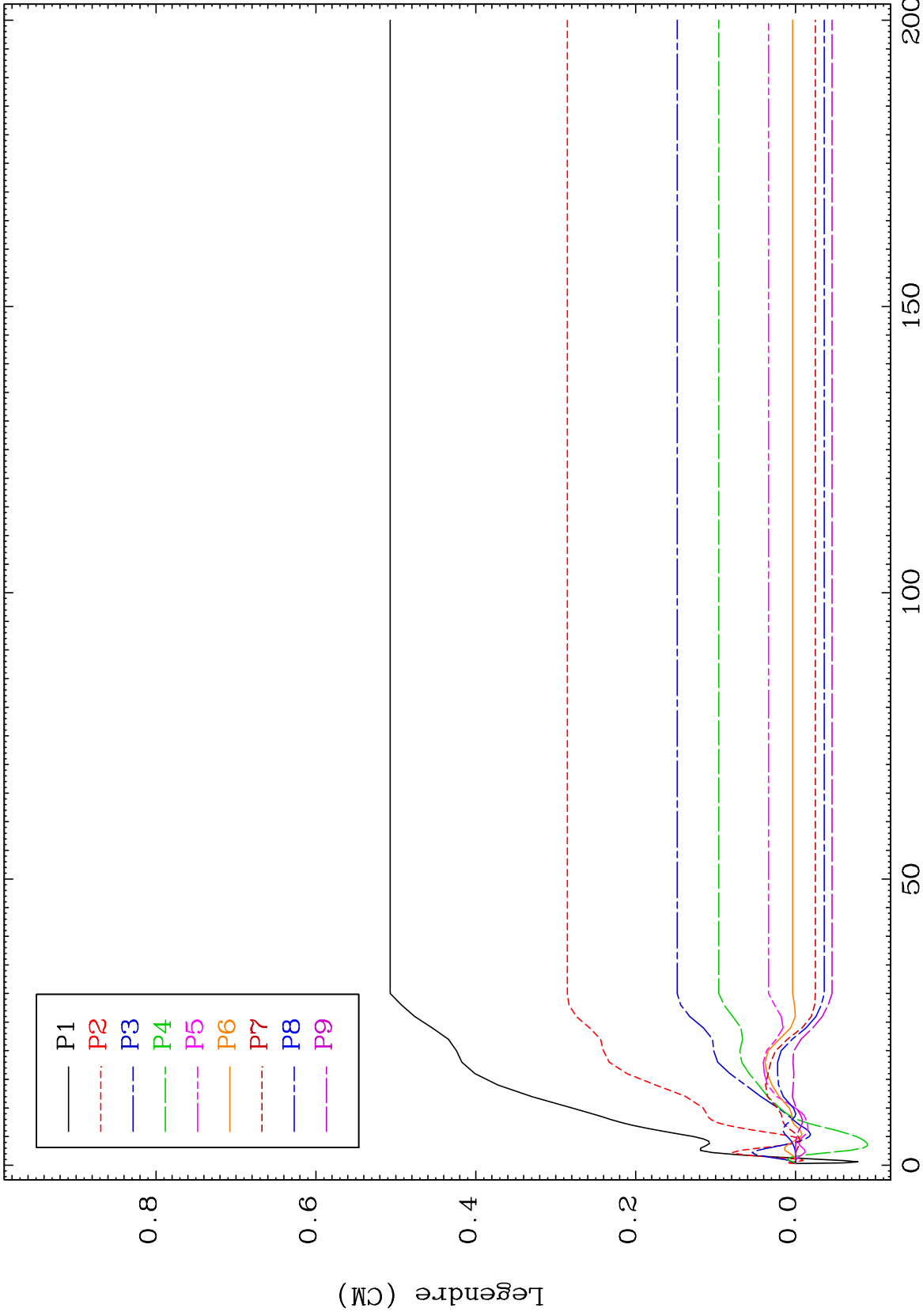
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



39

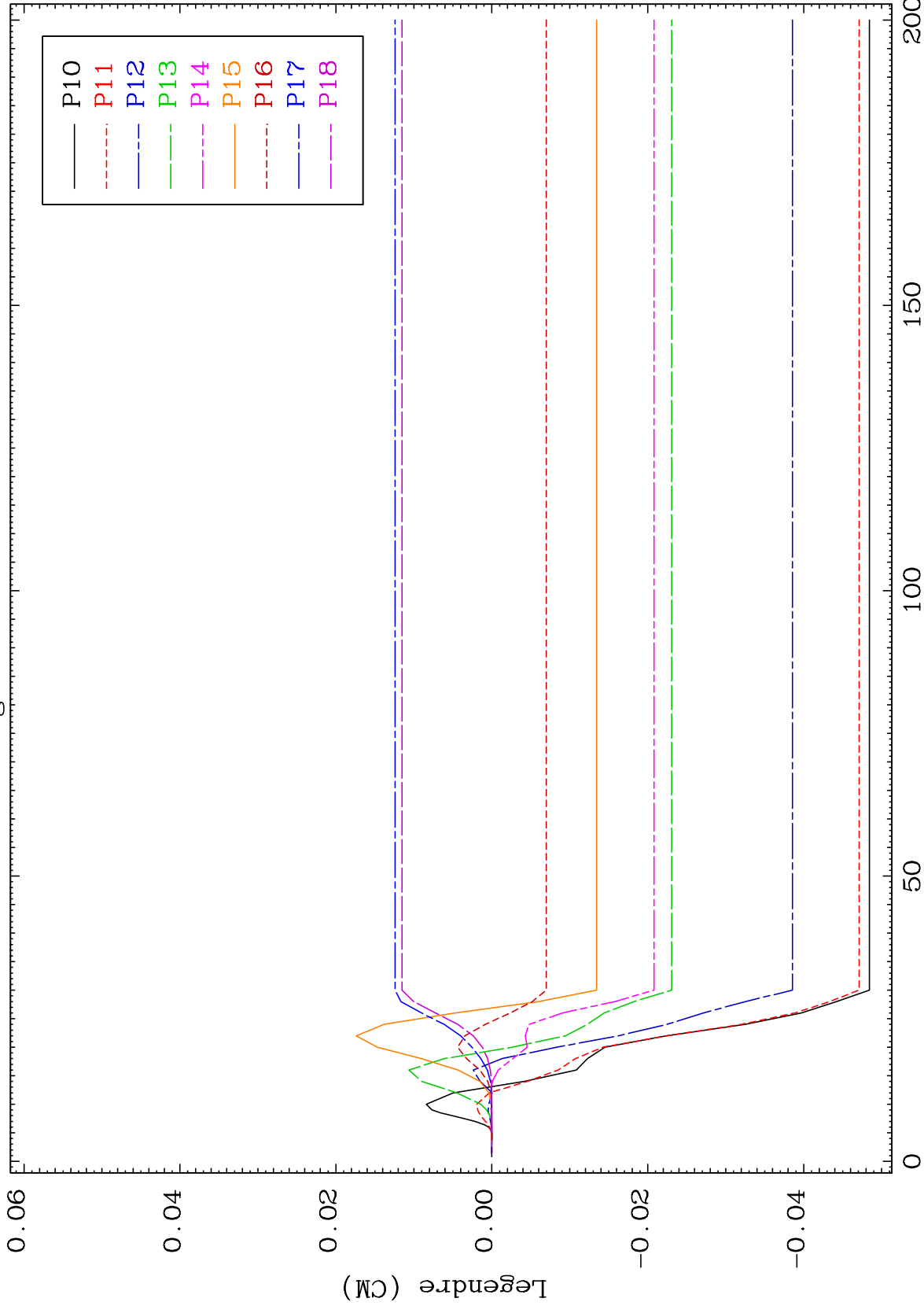
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



40

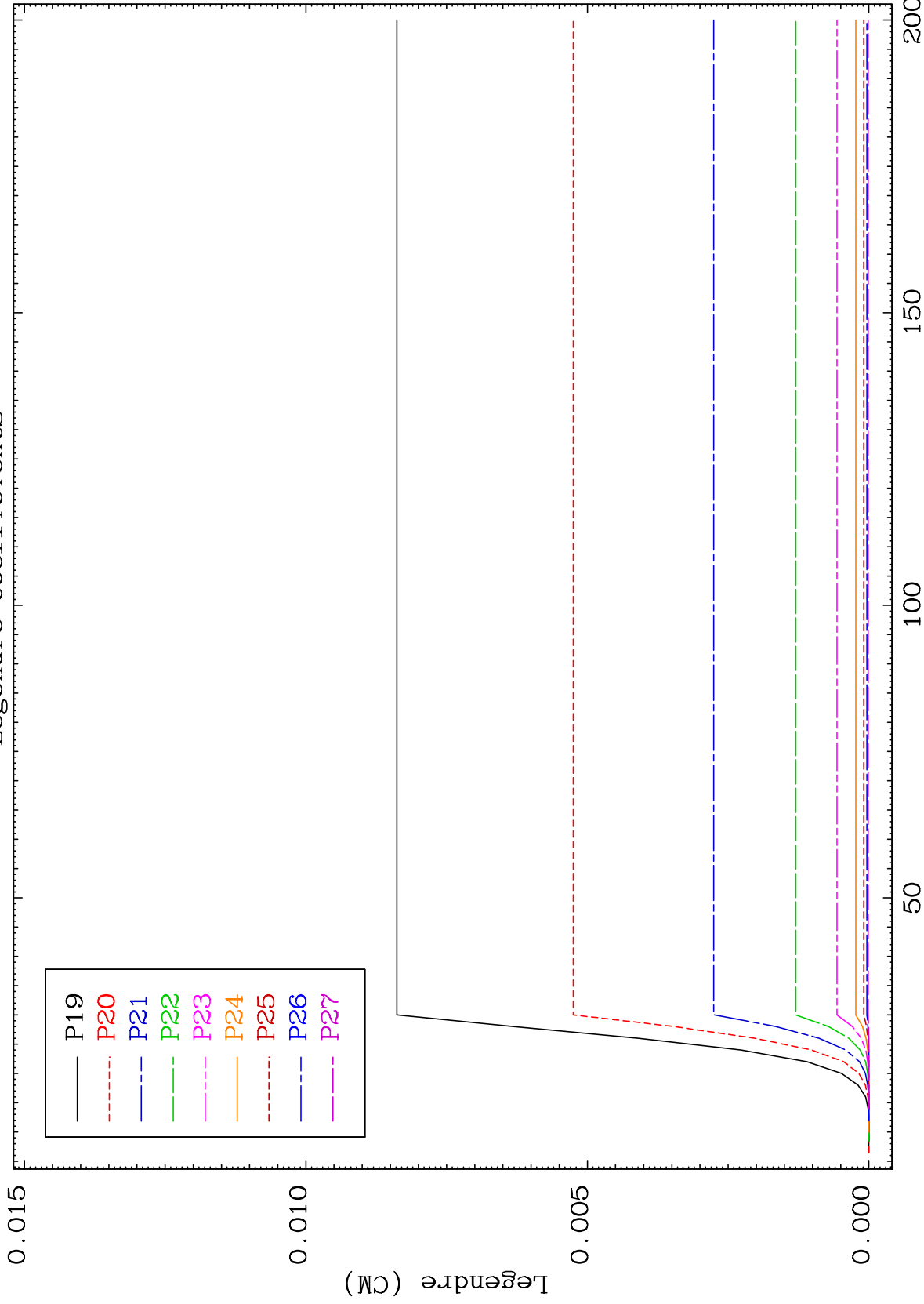
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

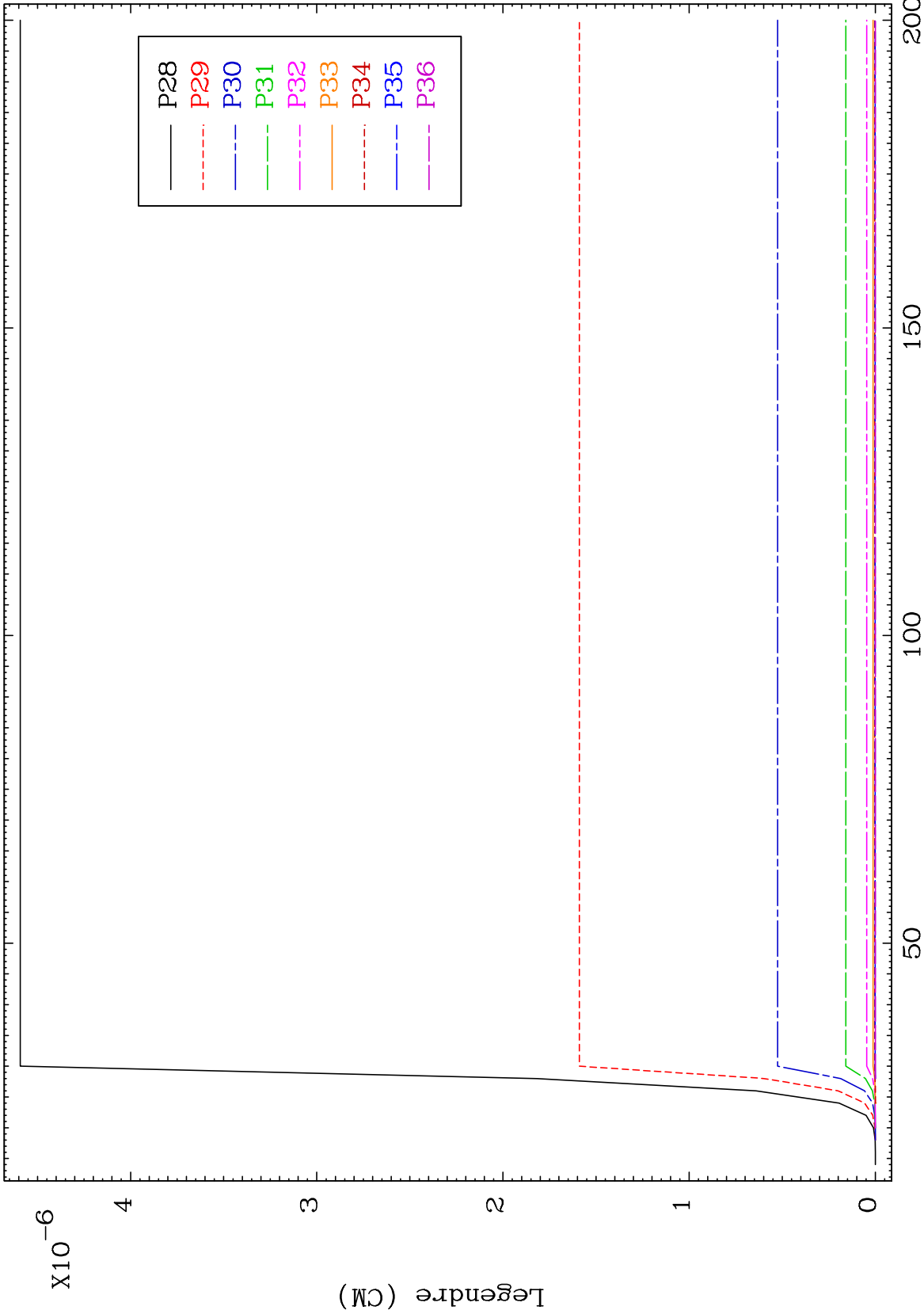
58-Ce-125



MAT 5792

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

58-Ce-125



42

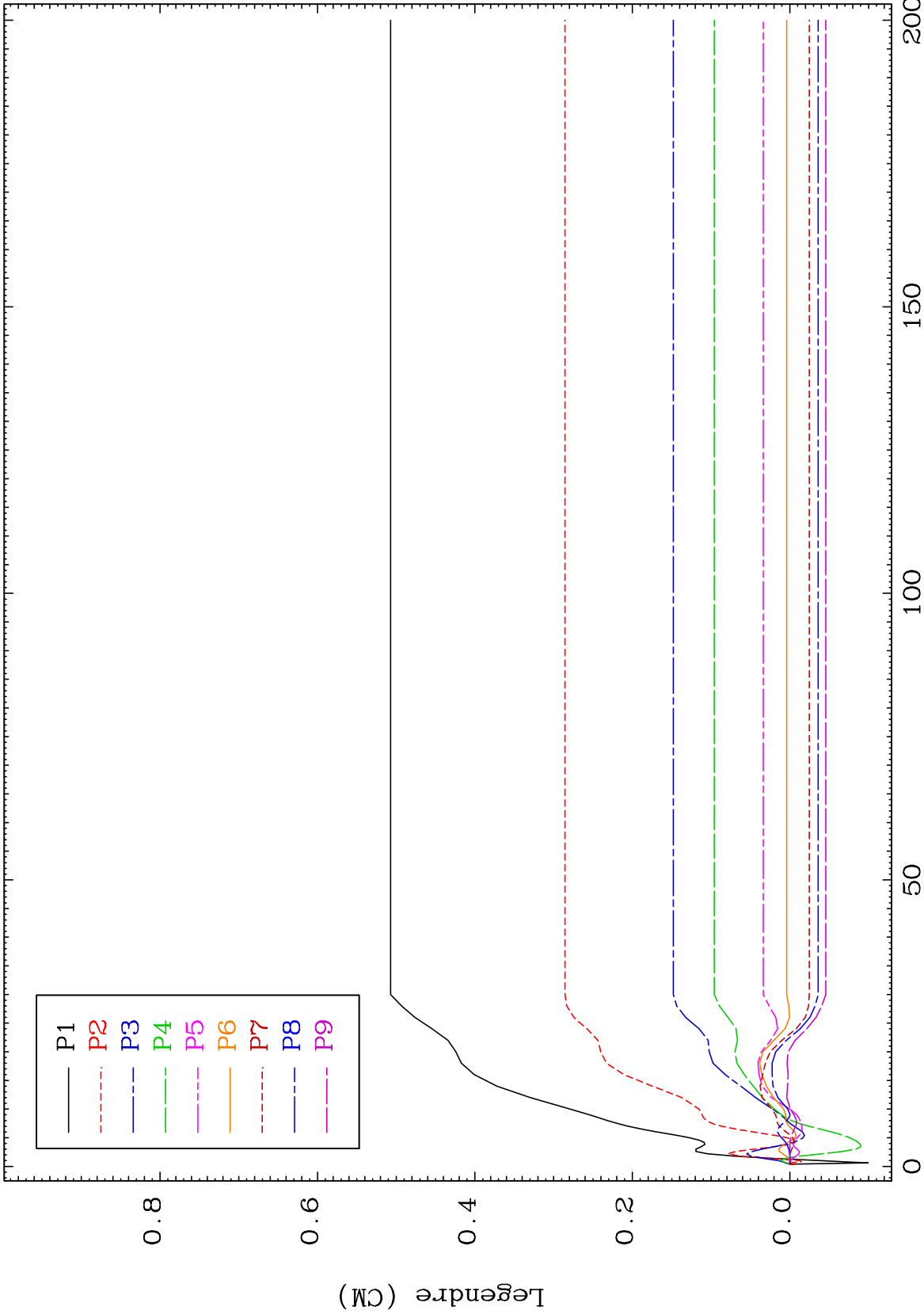
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



43

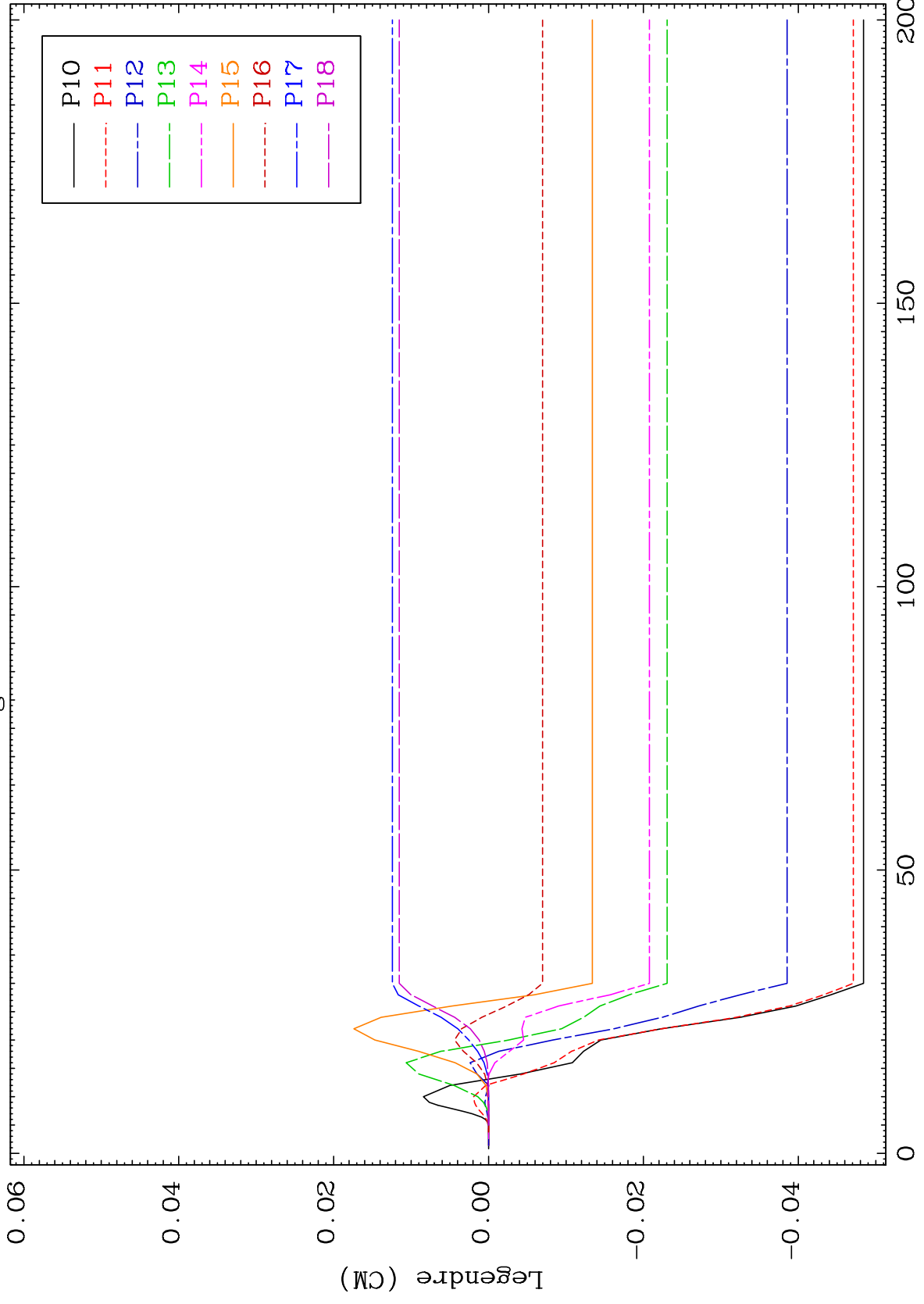
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

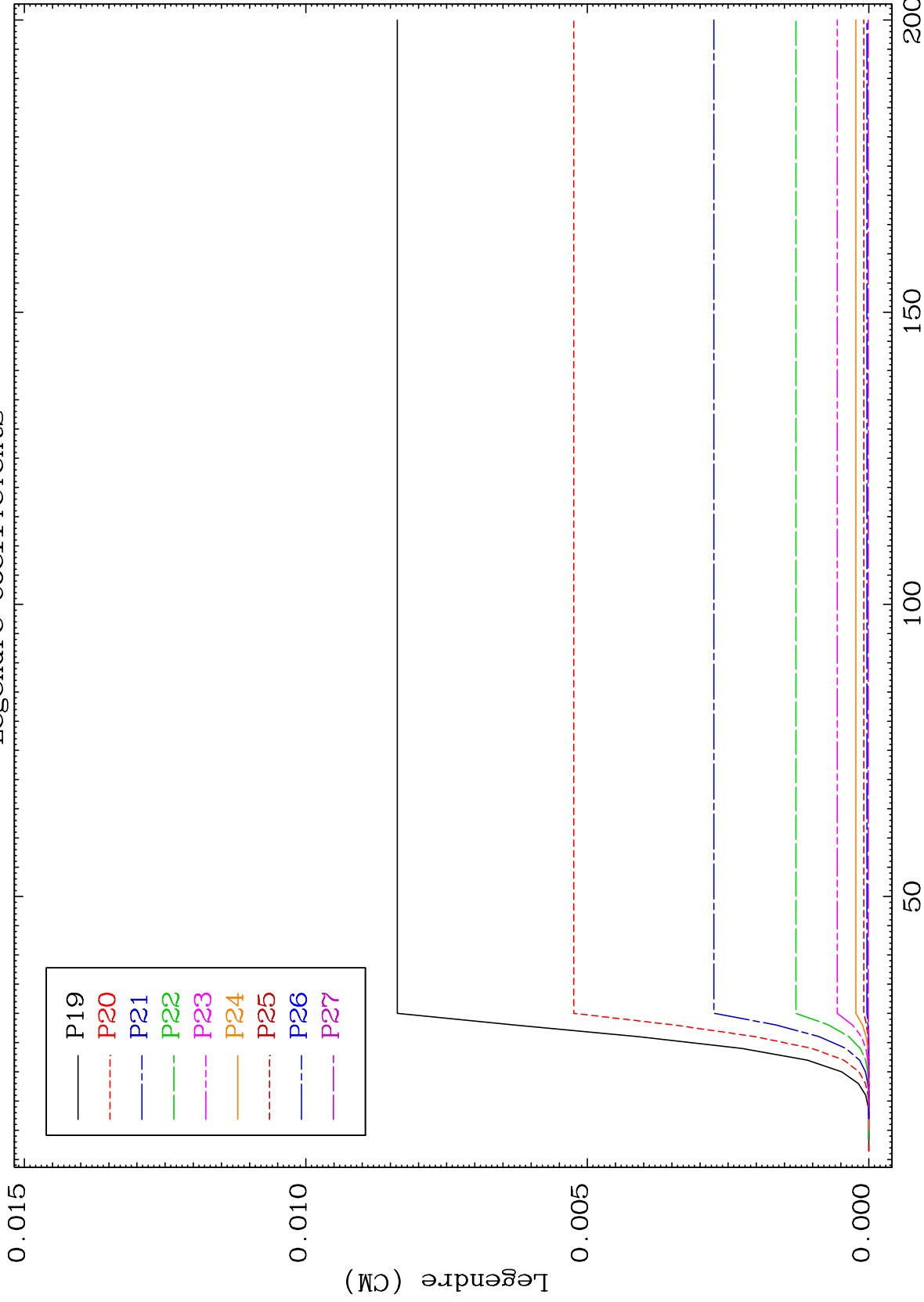
58-Ce-125



MAT 5792

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

58-Ce-125



45

Incident Energy (MeV)

58-Ce-125

200

150

100

50

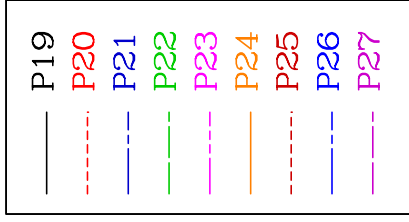
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0.010

0.005

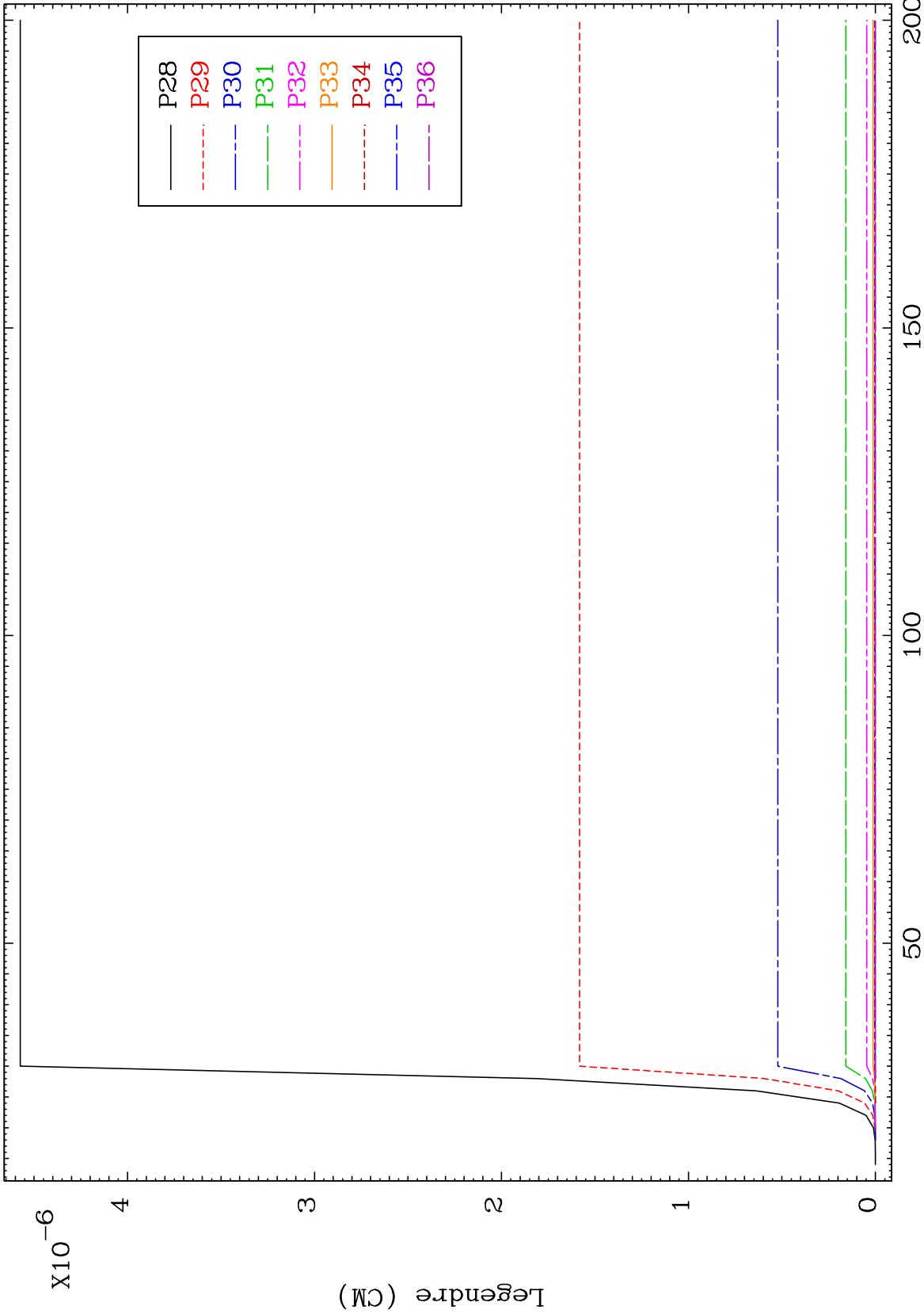
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MAT 5792

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

58-Ce-125



46

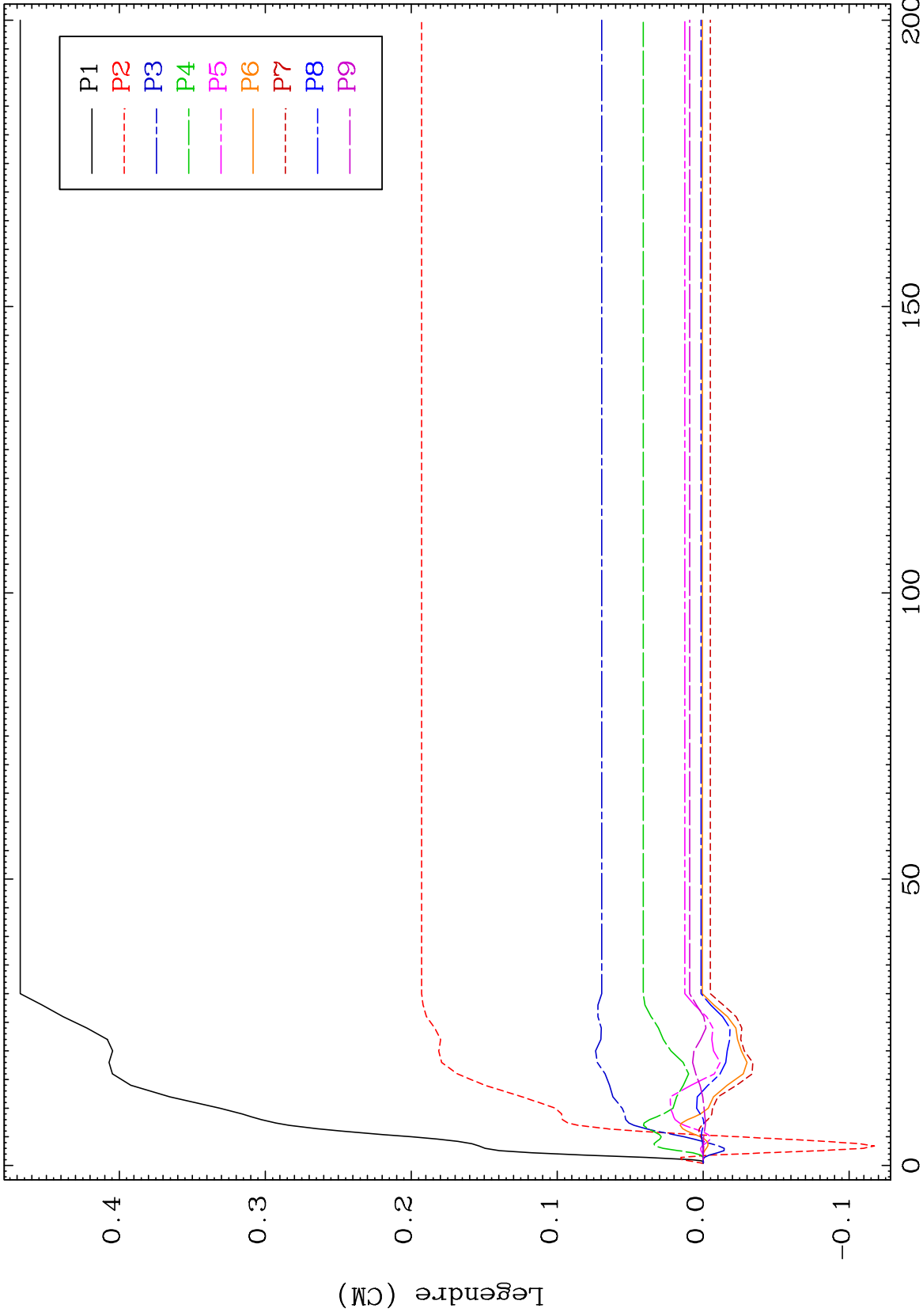
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



47

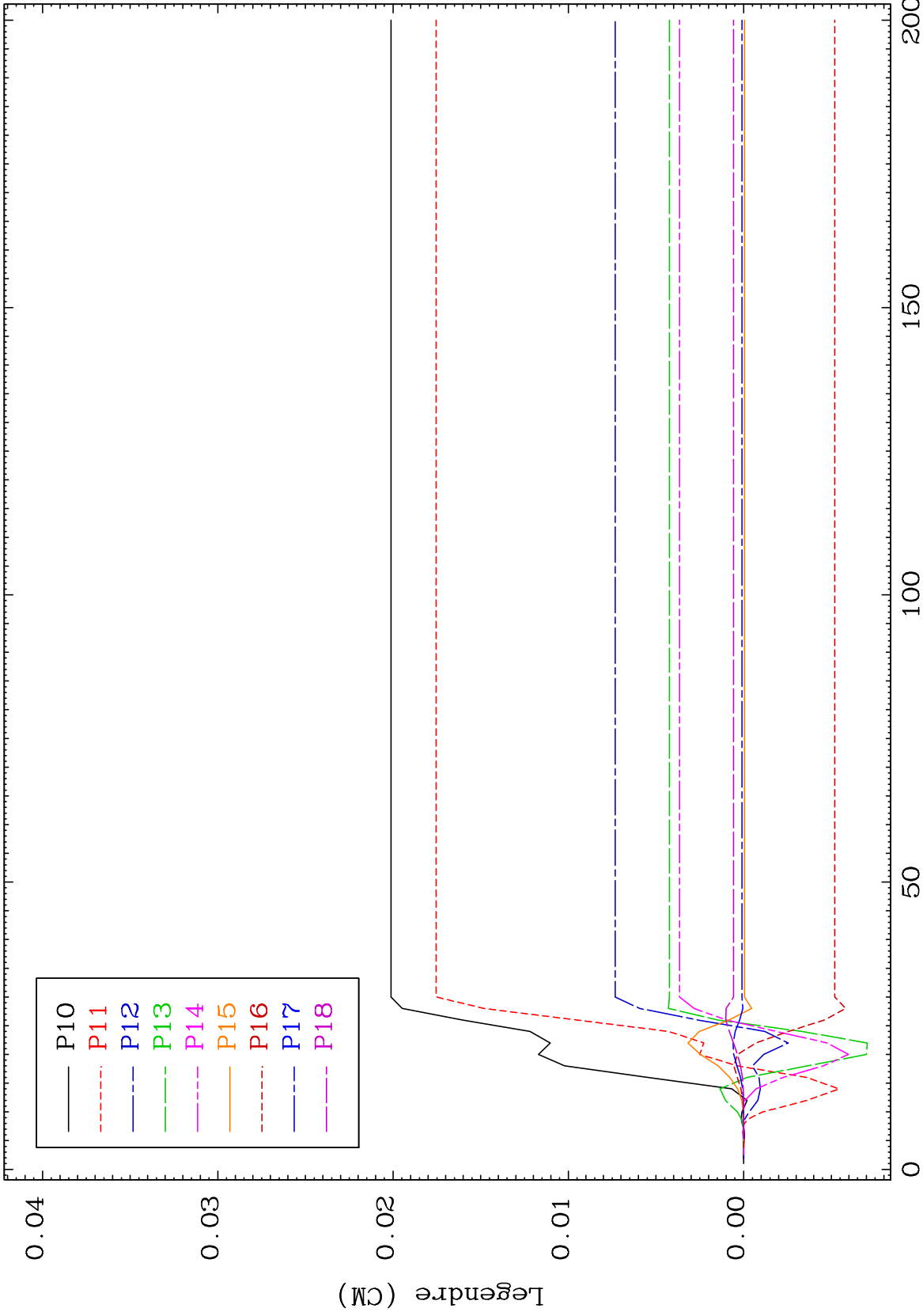
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



48

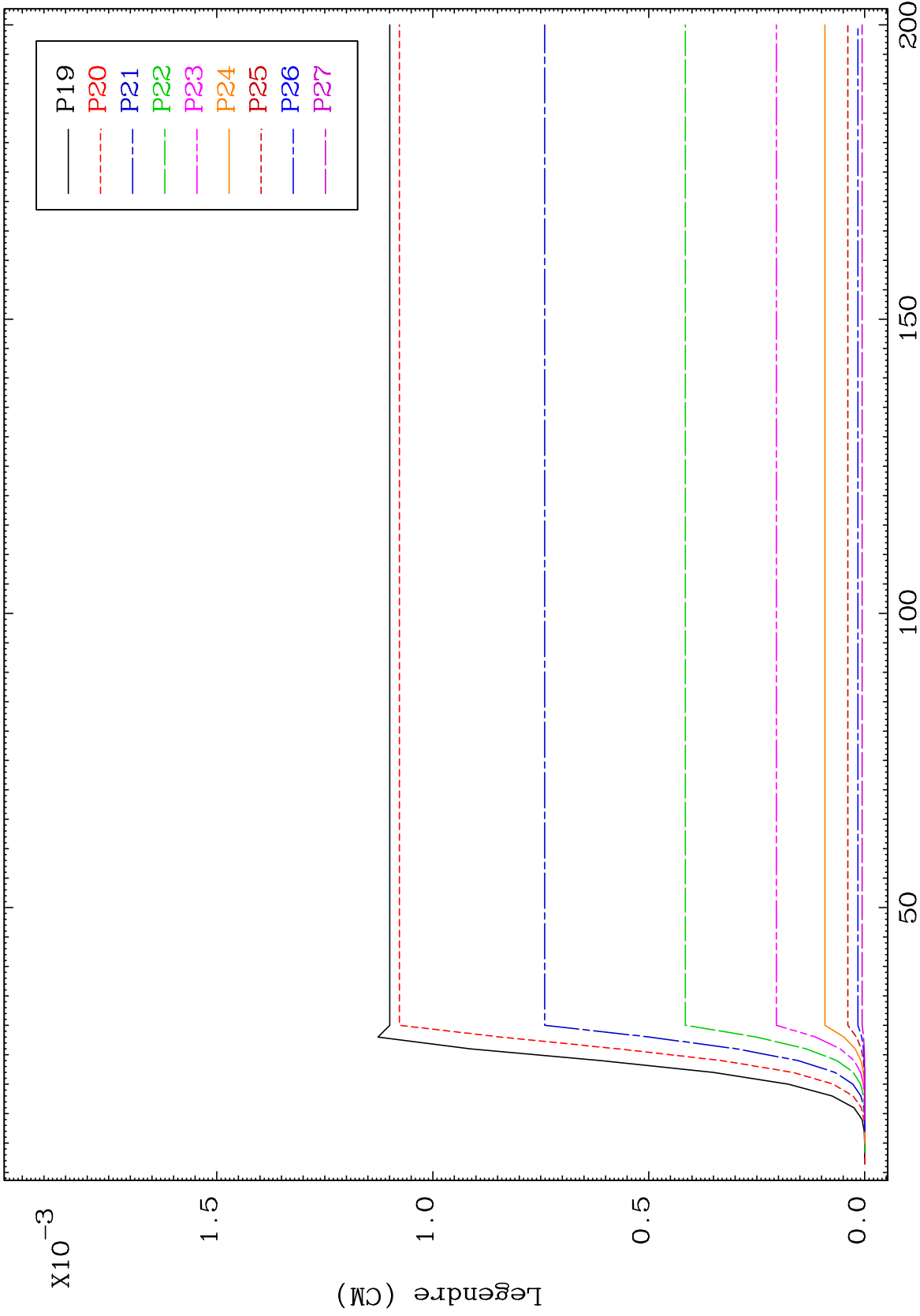
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



49

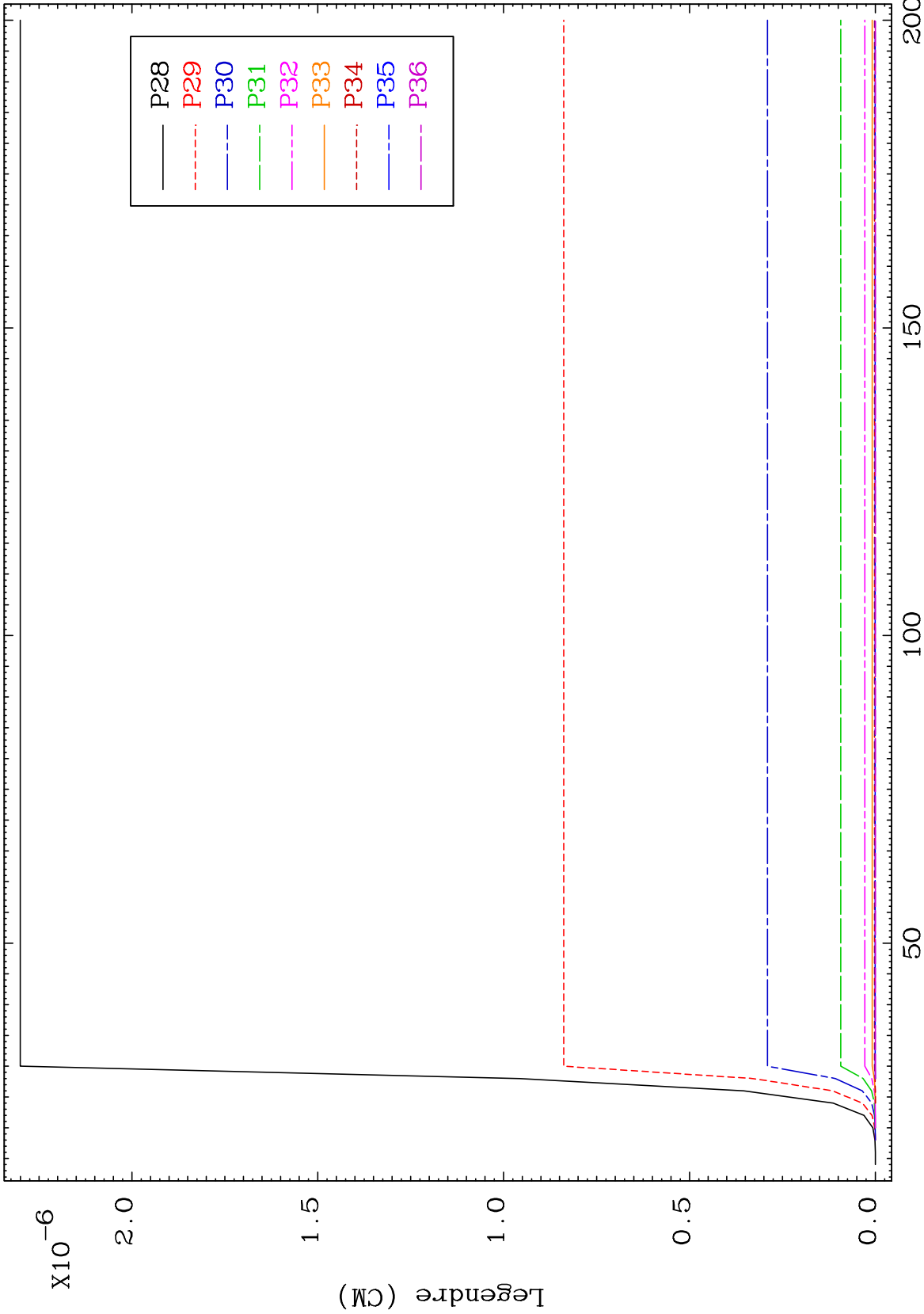
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

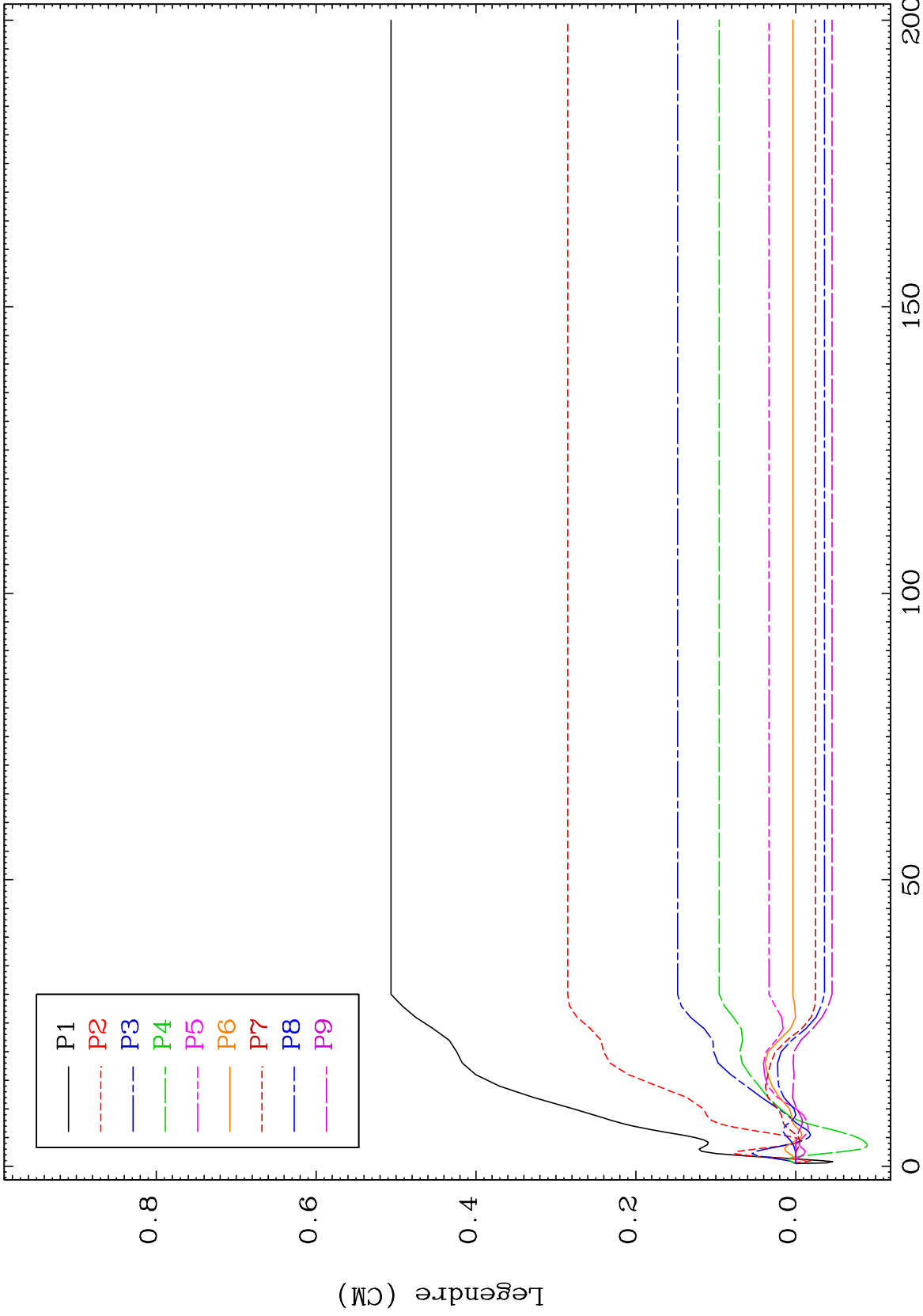
58-Ce-125



MAT 5792

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

58-Ce-125



51

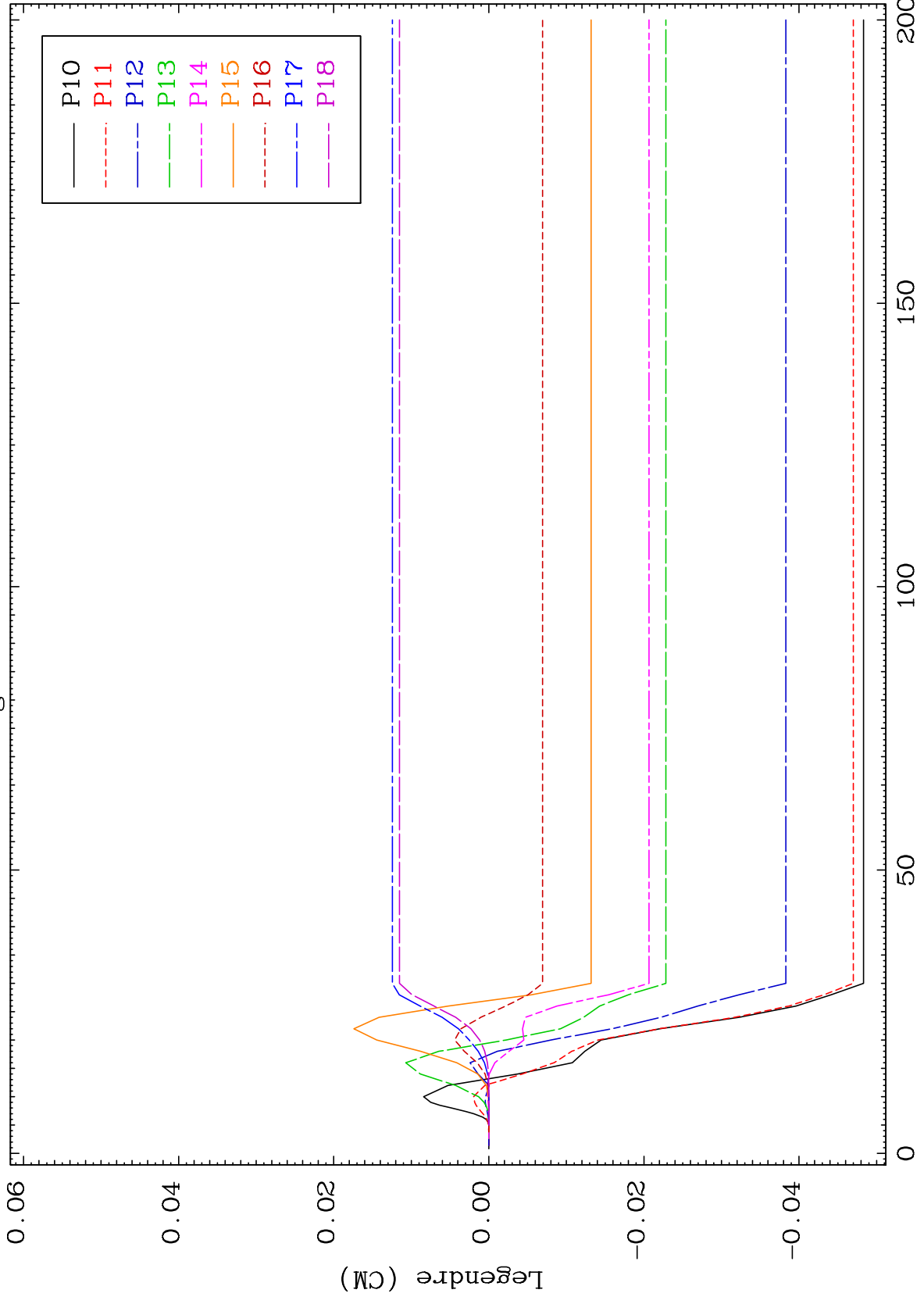
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



52

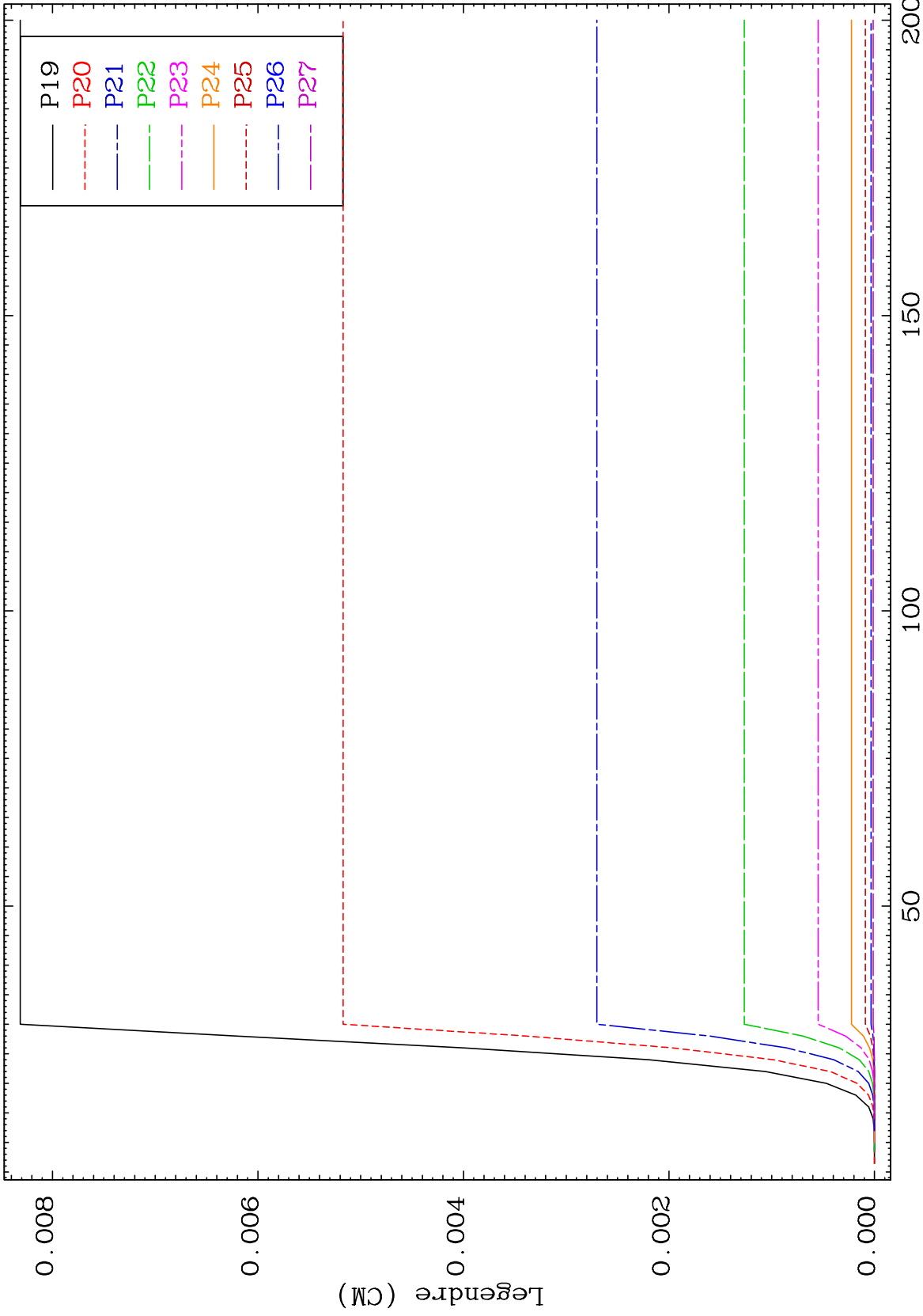
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



53

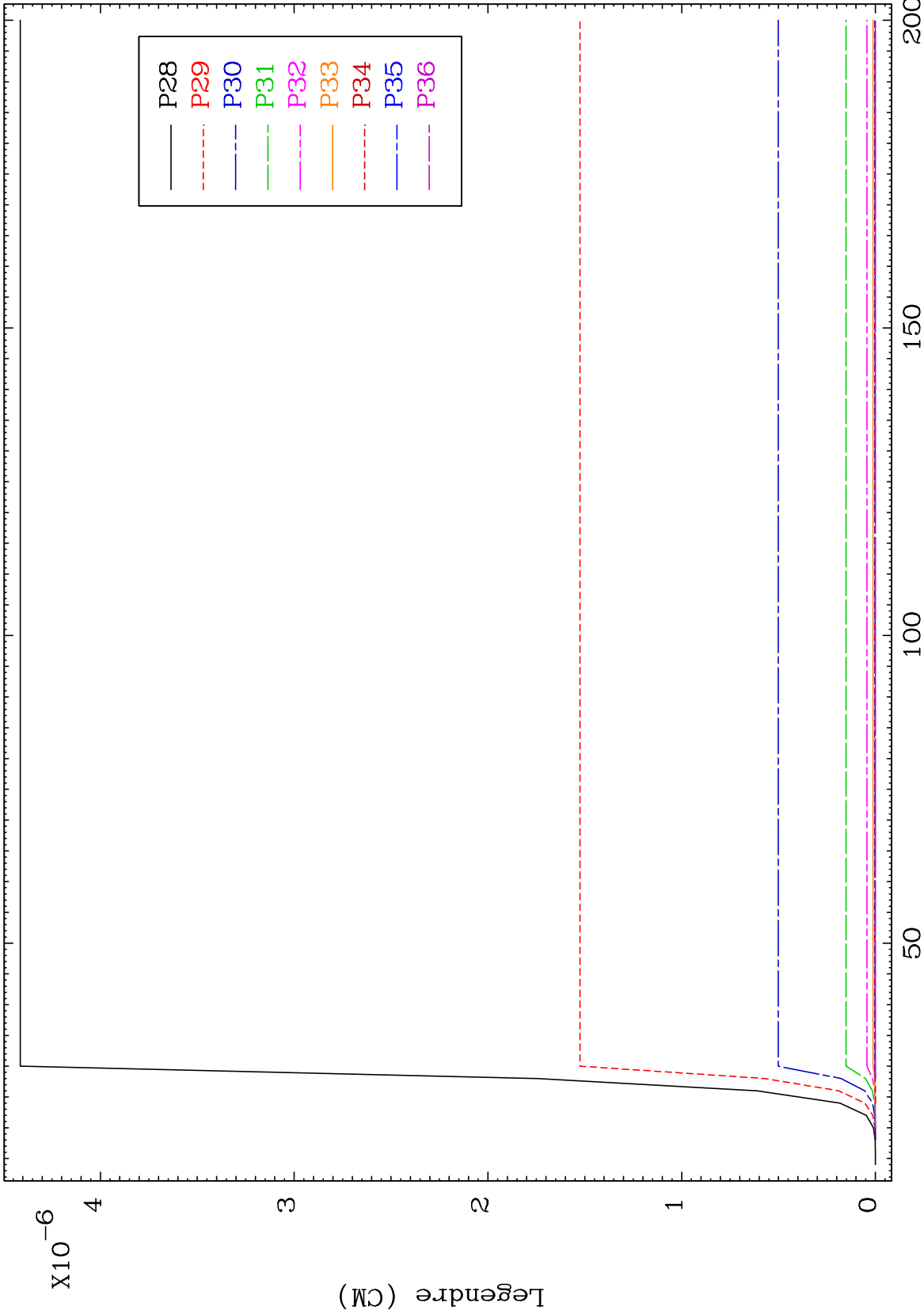
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125

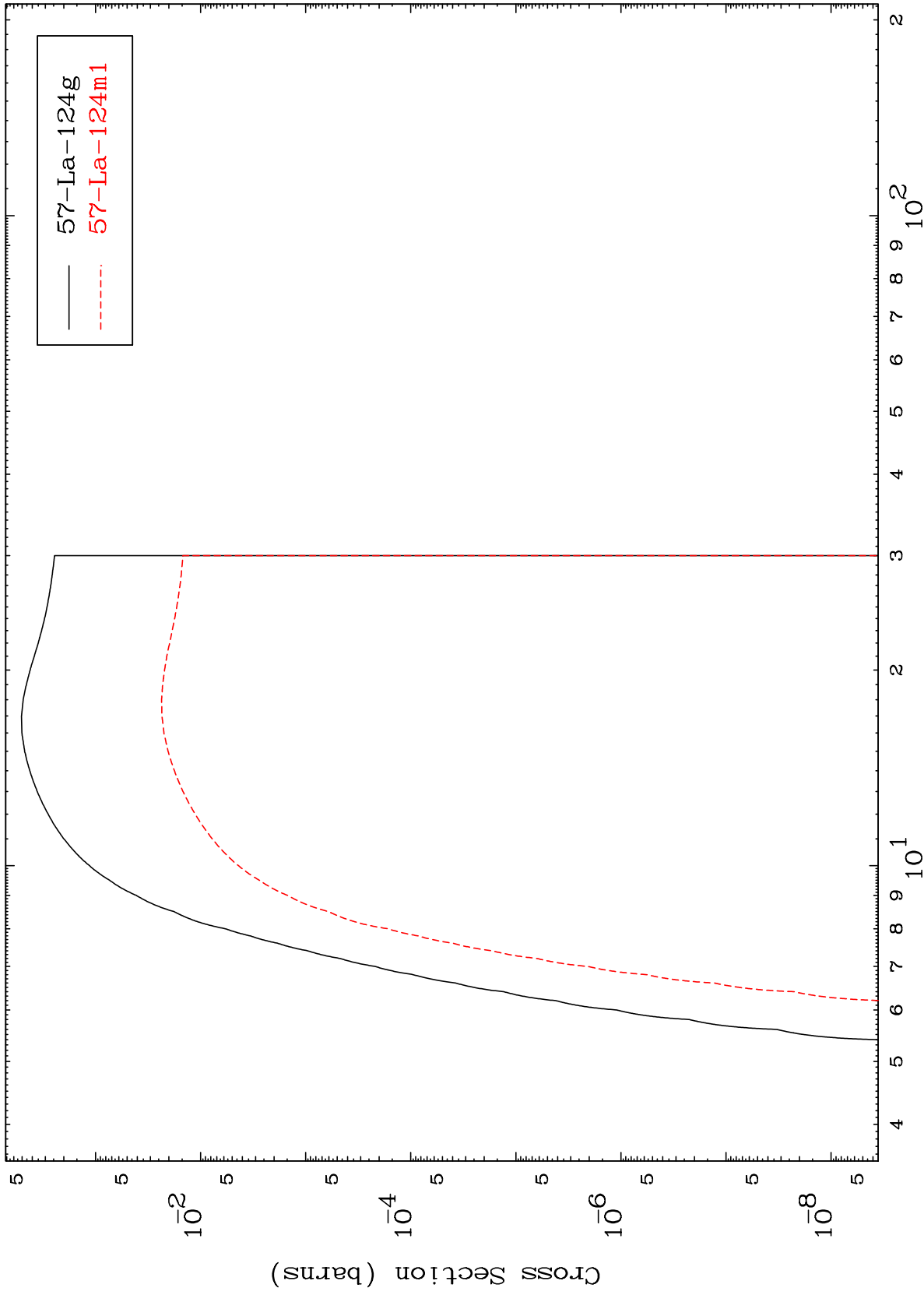


MAT 5792

(n,n') p

58-Ce-125

Radionuclide Production Cross Section



55

Incident Energy (MeV)

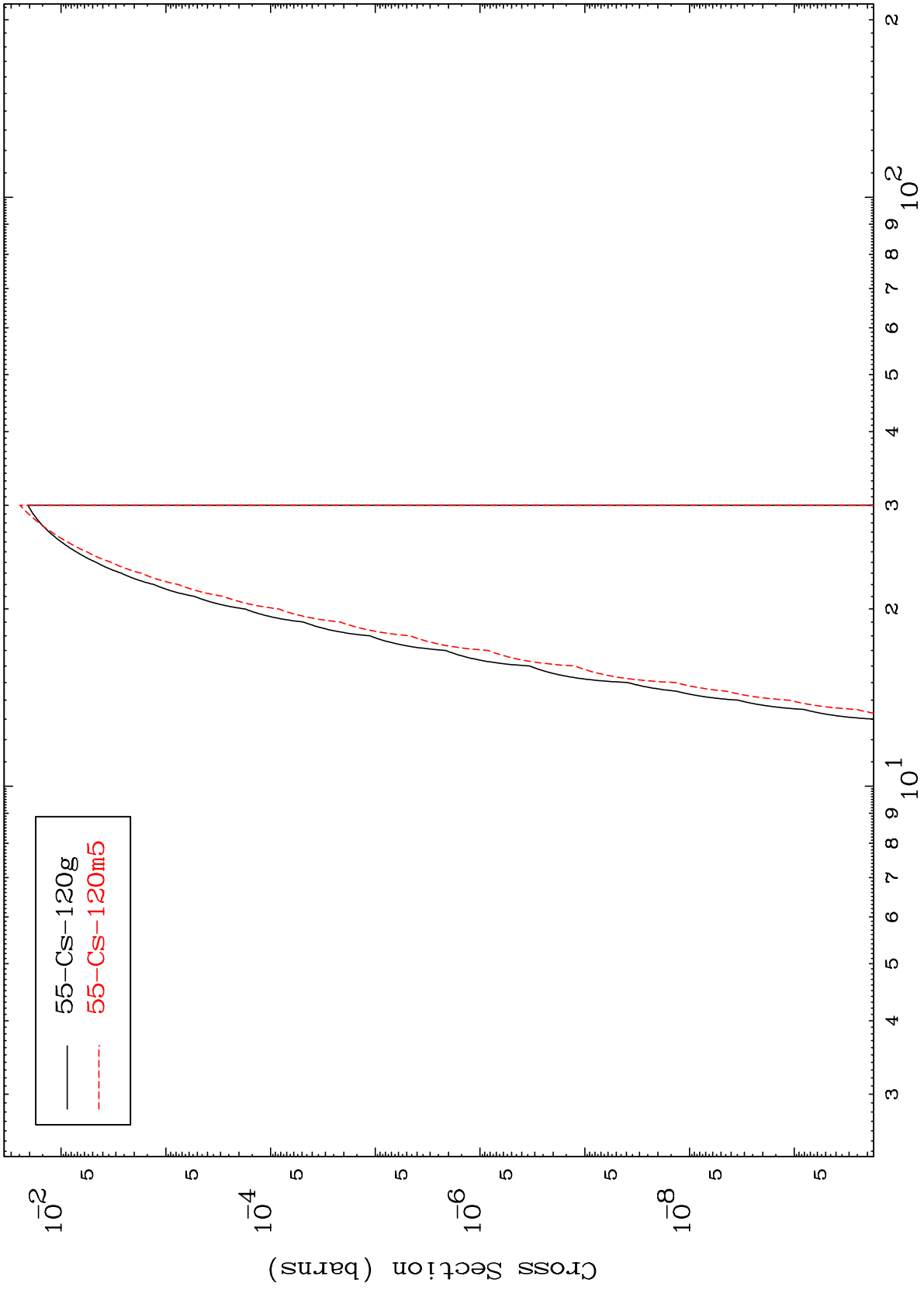
58-Ce-125

MAT 5792

(n,n') p α

58-Ce-125

Radionuclide Production Cross Section



56

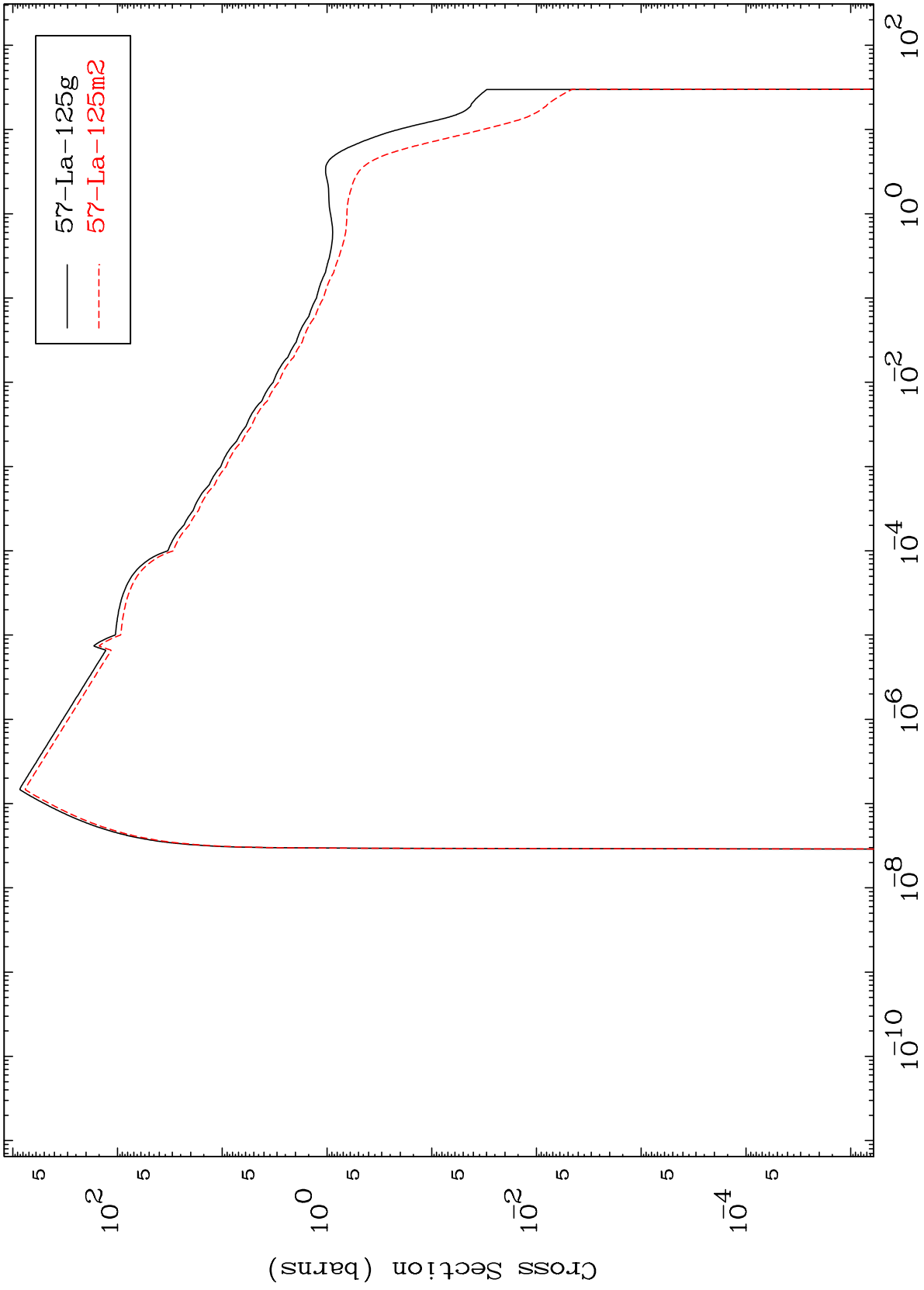
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

(n,p)
Radionuclide Production Cross Section



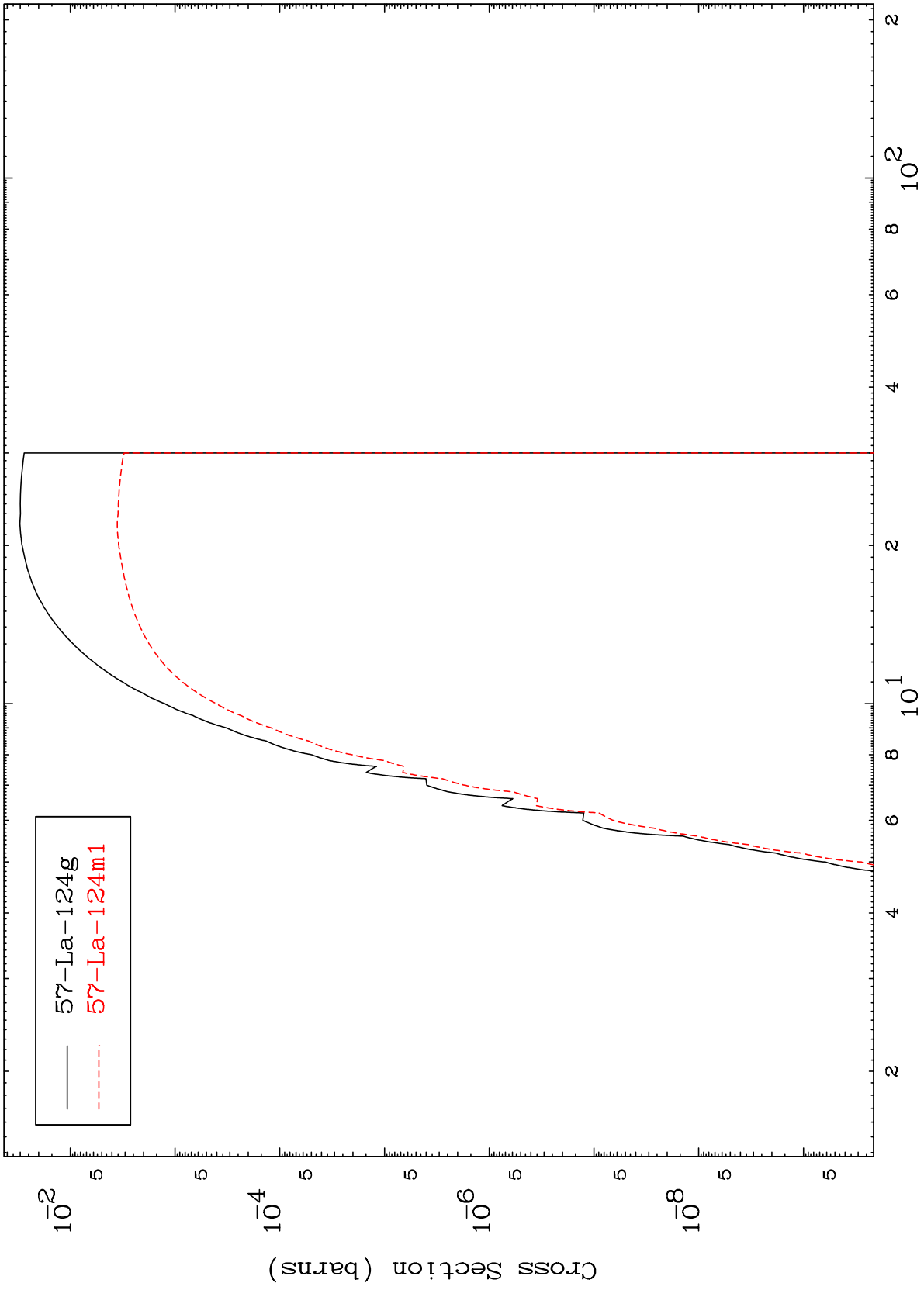
57

58-Ce-125

MAT 5792

(n,d)
Radionuclide Production Cross Section

58-Ce-125



58

Incident Energy (MeV)

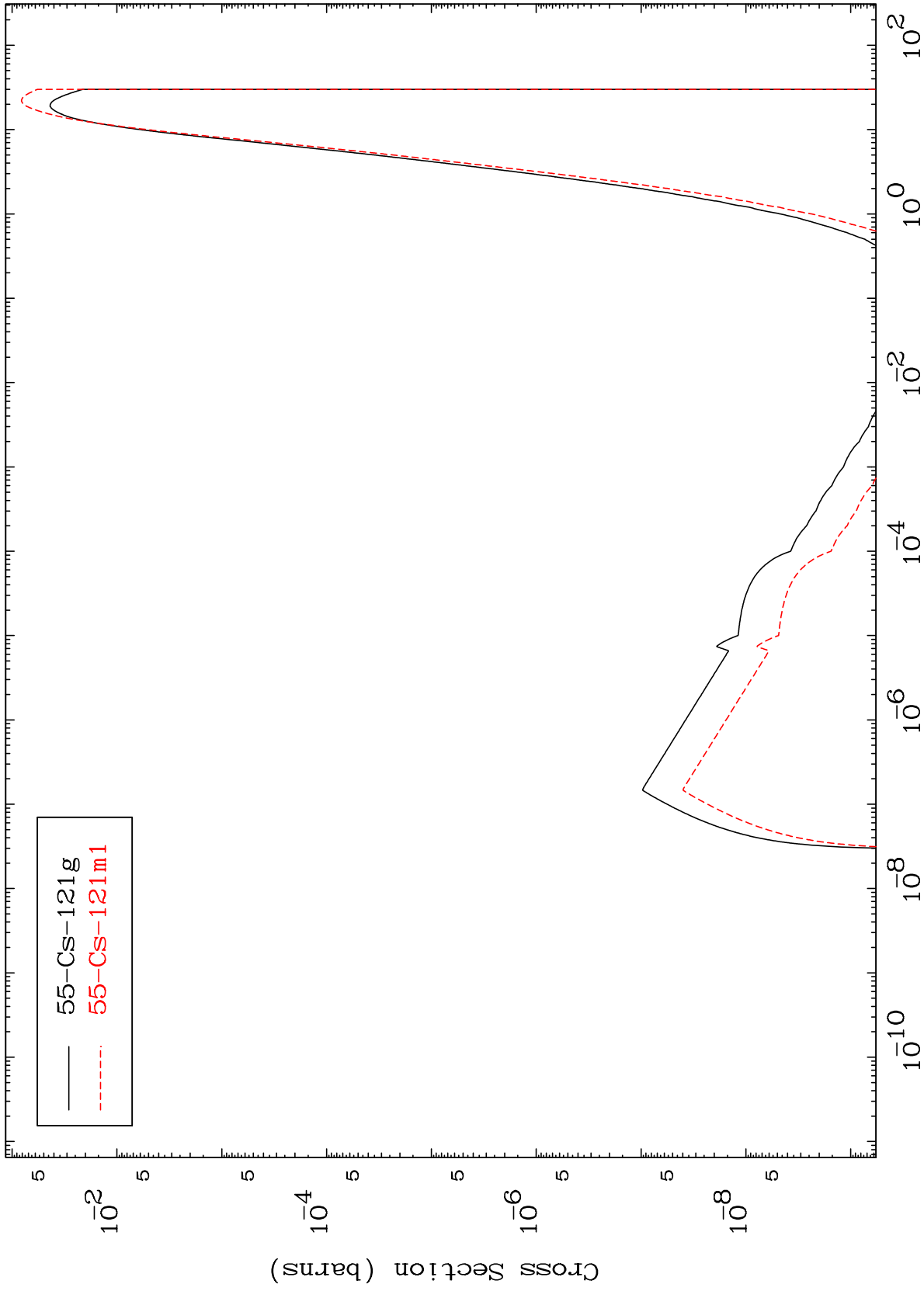
58-Ce-125

MAT 5792

(n,p) α

58-Ce-125

Radionuclide Production Cross Section



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

59

Incident Energy (MeV)

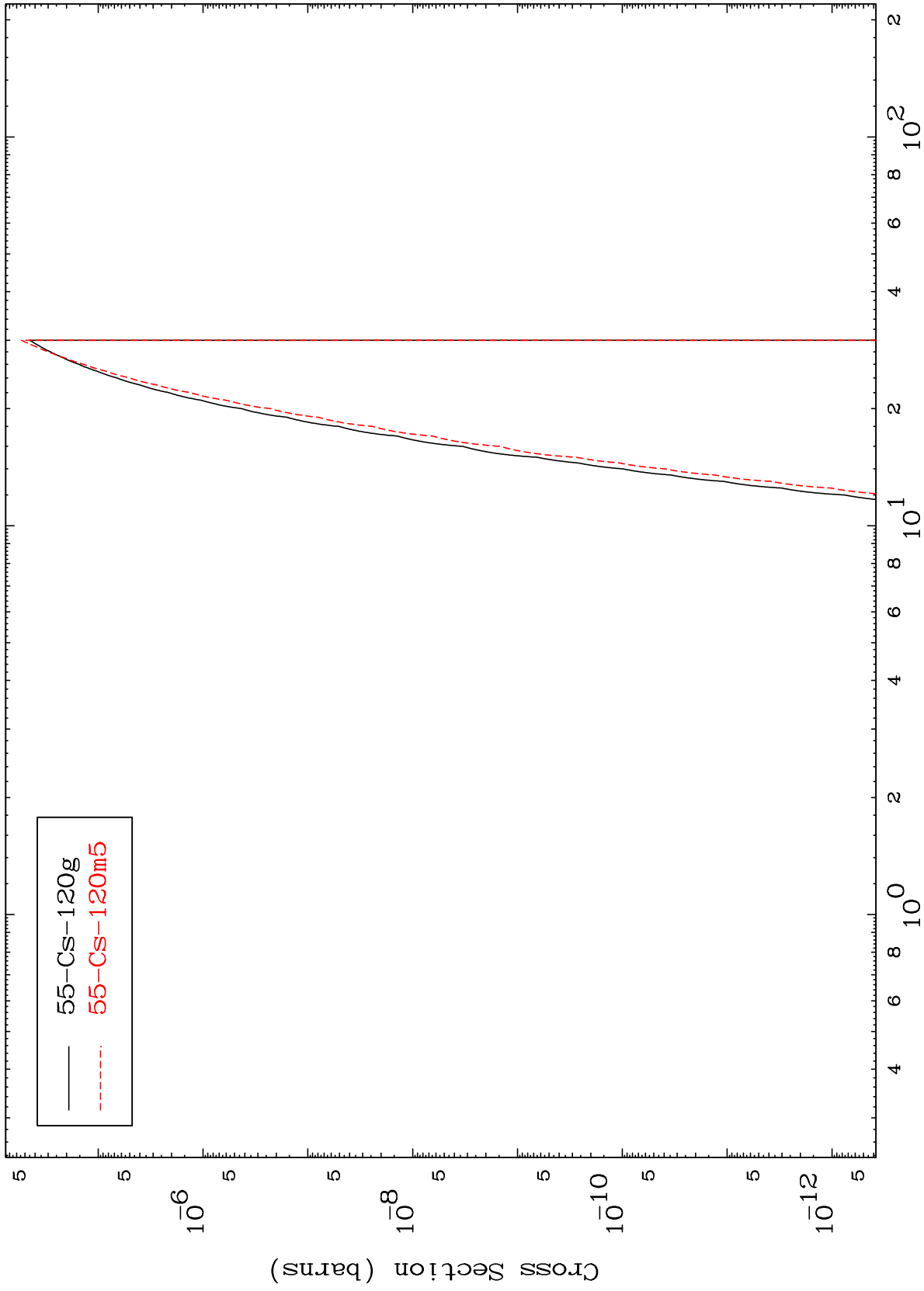
58-Ce-125

MAT 5792

(n,d) α

58-Ce-125

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

60

Incident Energy (MeV)

58-Ce-125