

Program EVALPLOT
(Version 2017-1)

by

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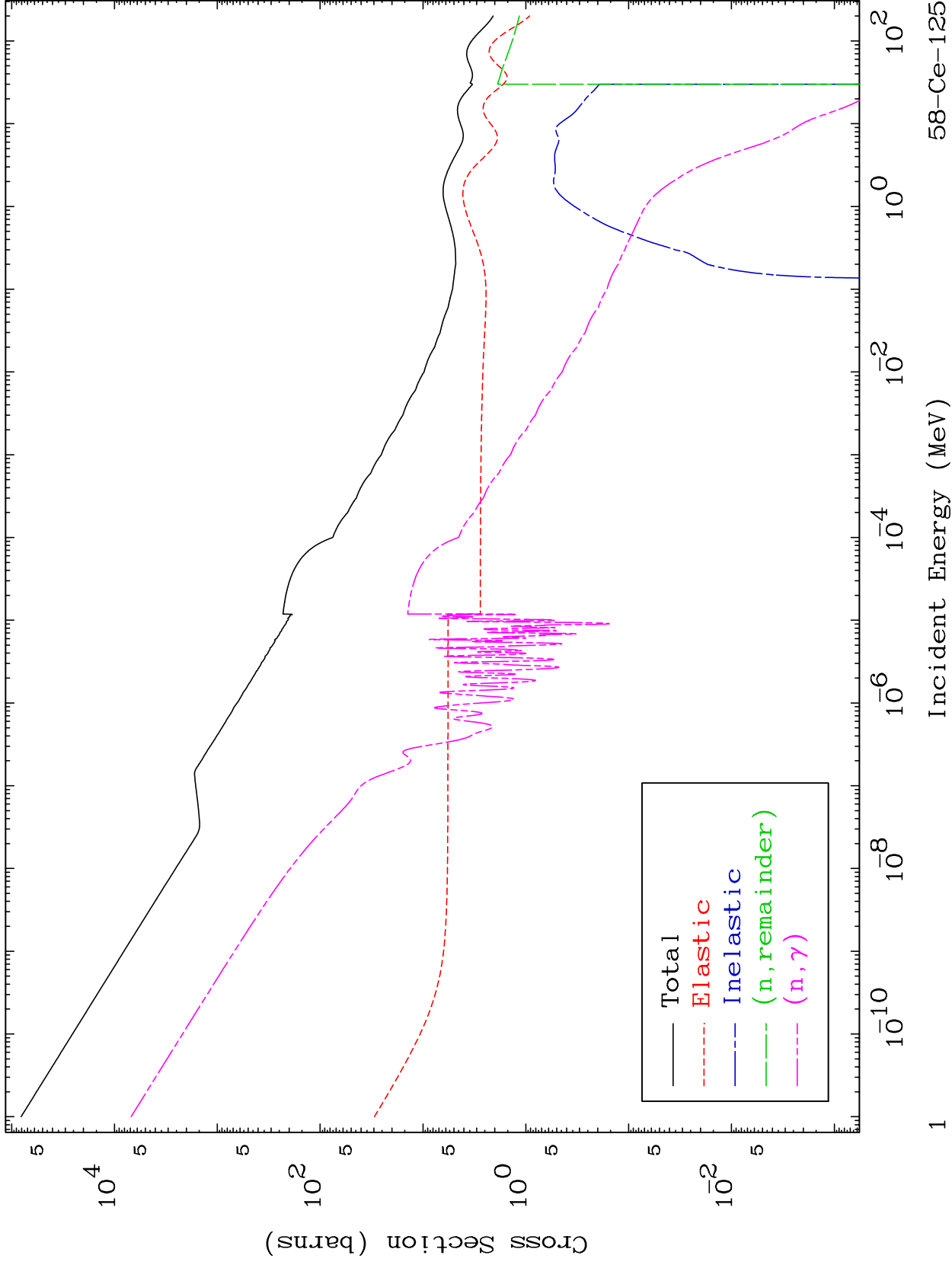
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Press Mouse Button to Start

MAT 5792

Major
293 Kelvin Cross Sections

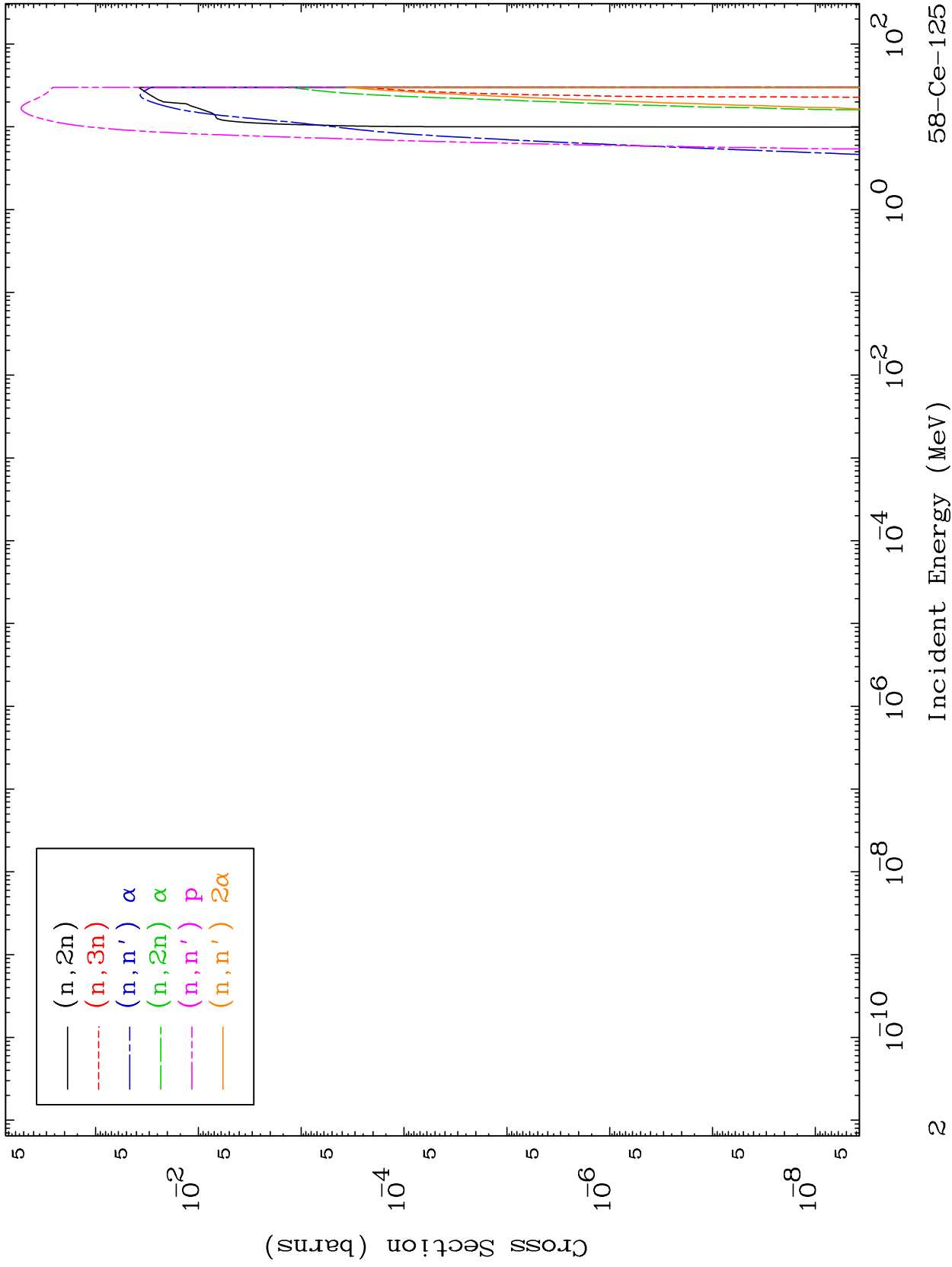
58-Ce-125

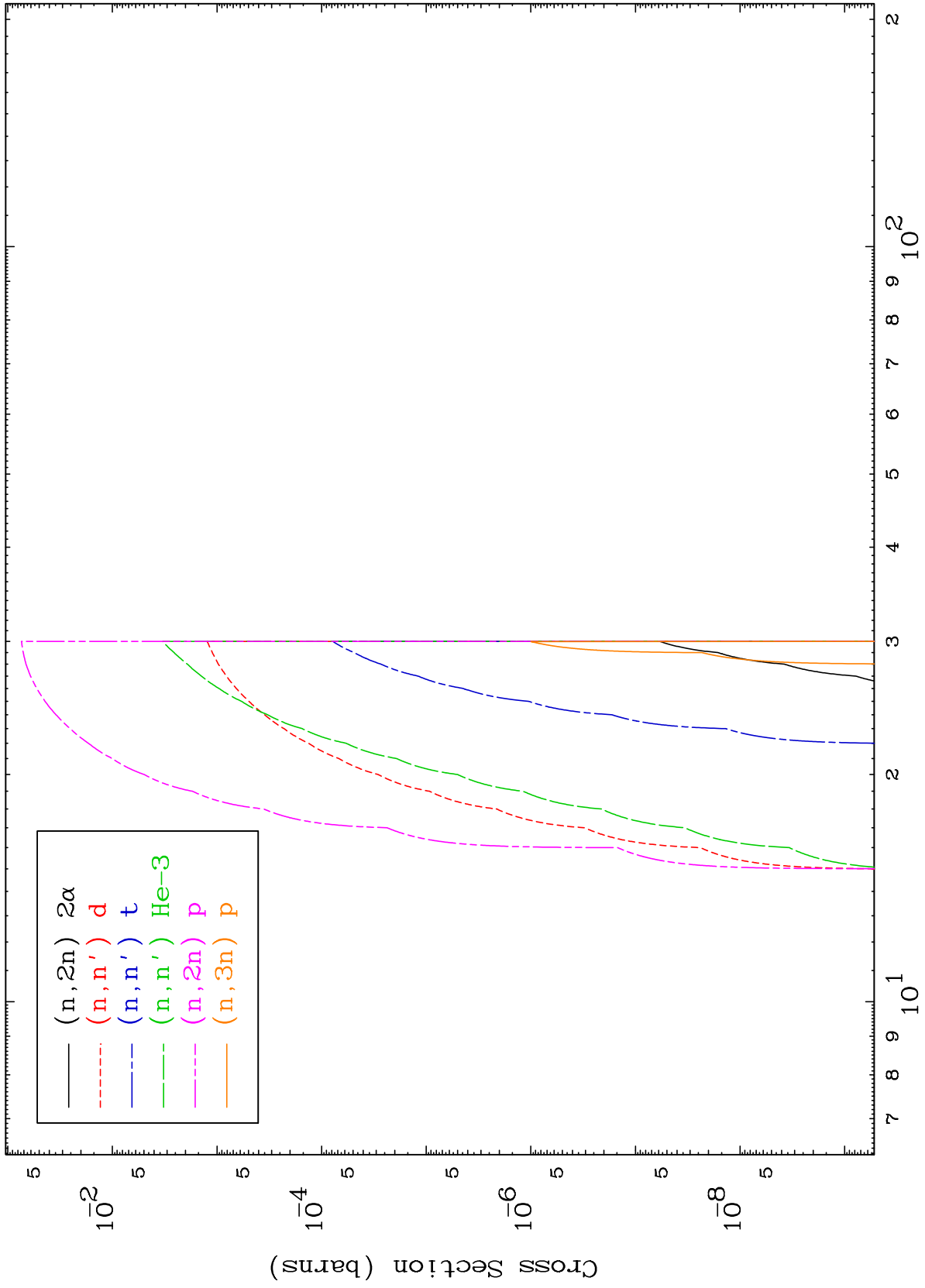


MAT 5792

Neutron Production
293 Kelvin Cross Sections

58-Ce-125

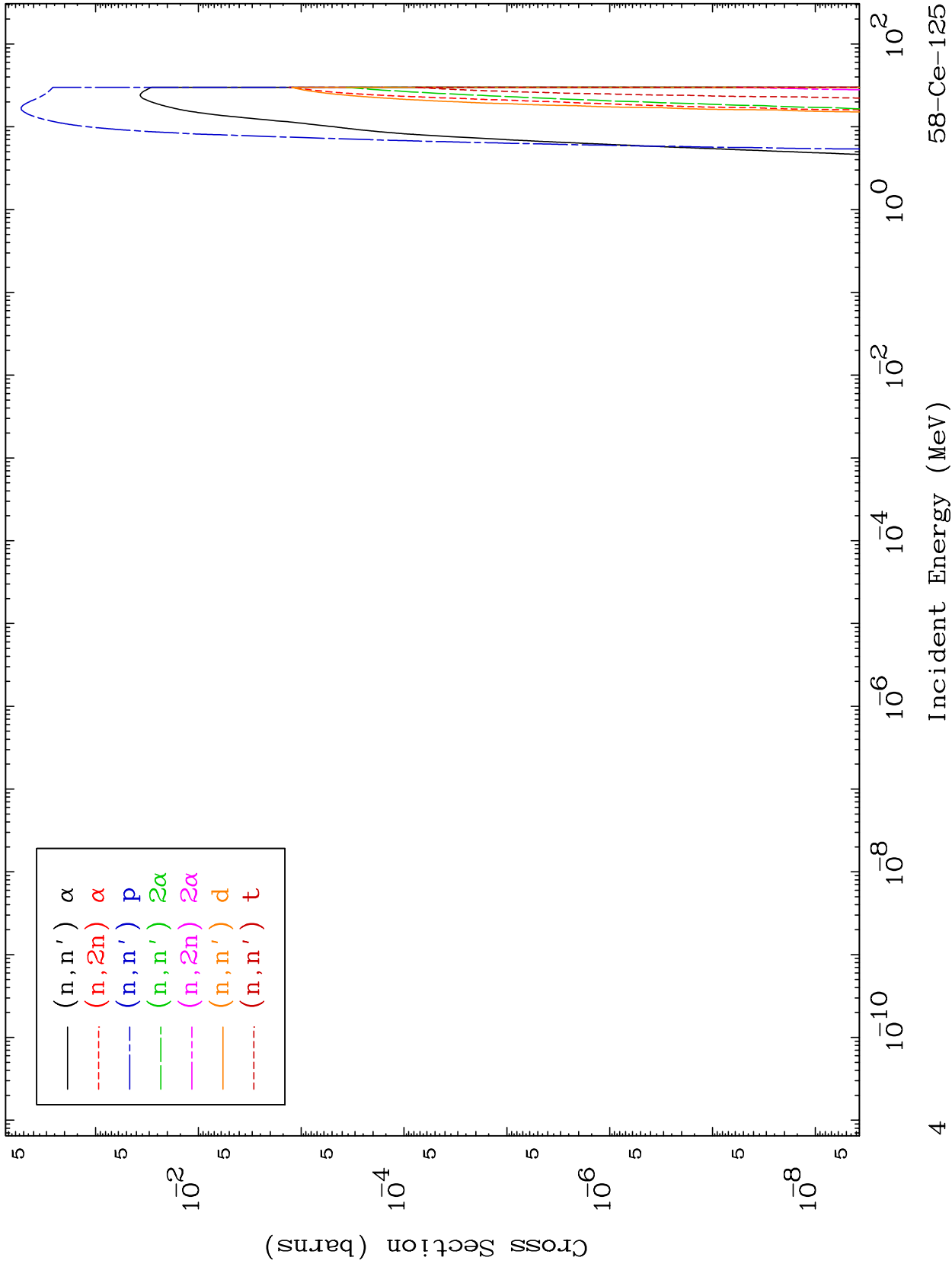




MAT 5792

Charged Particle
293 Kelvin Cross Sections

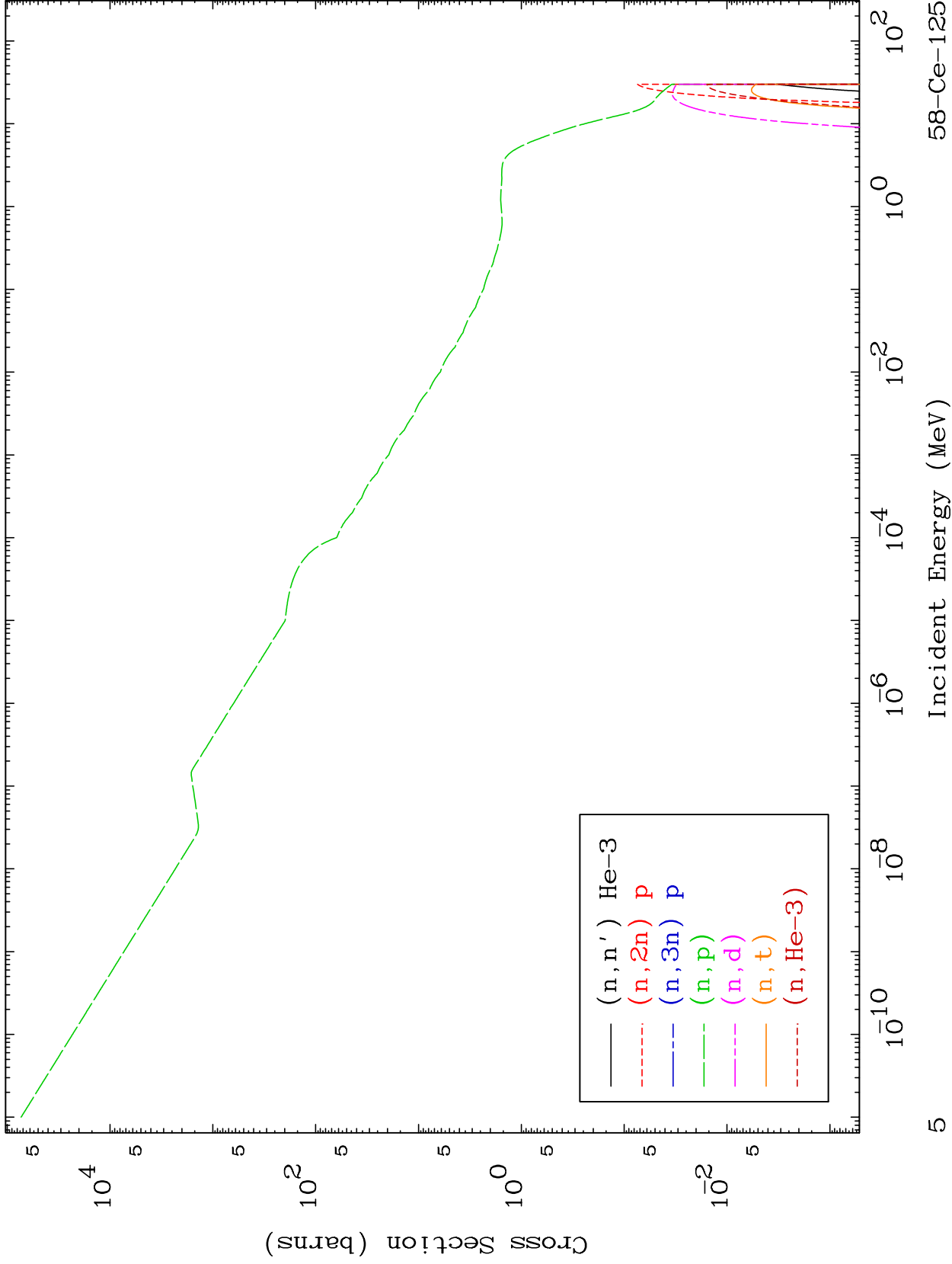
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

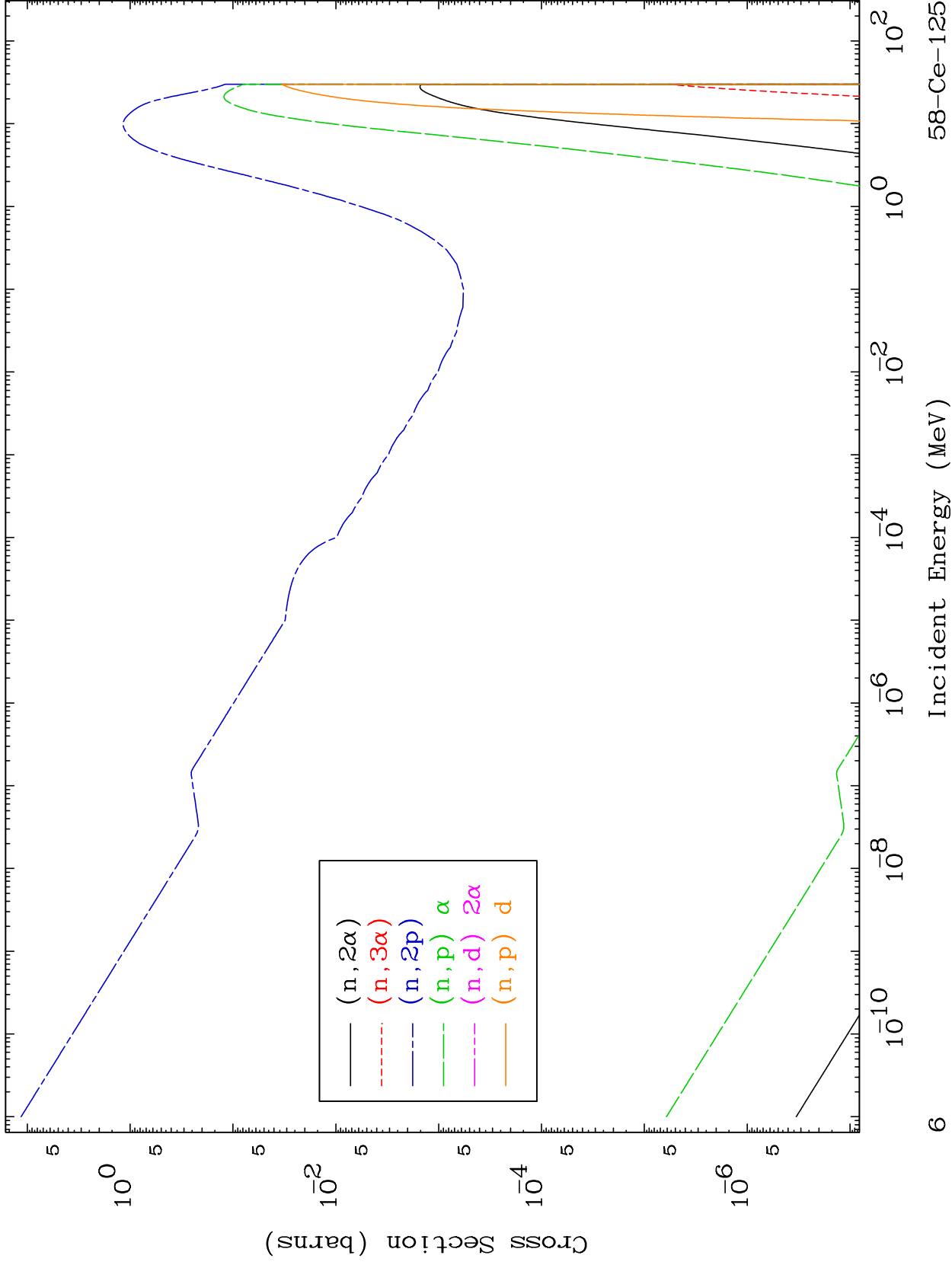
58-Ce-125



MAT 5792

Charged Particle
293 Kelvin Cross Sections

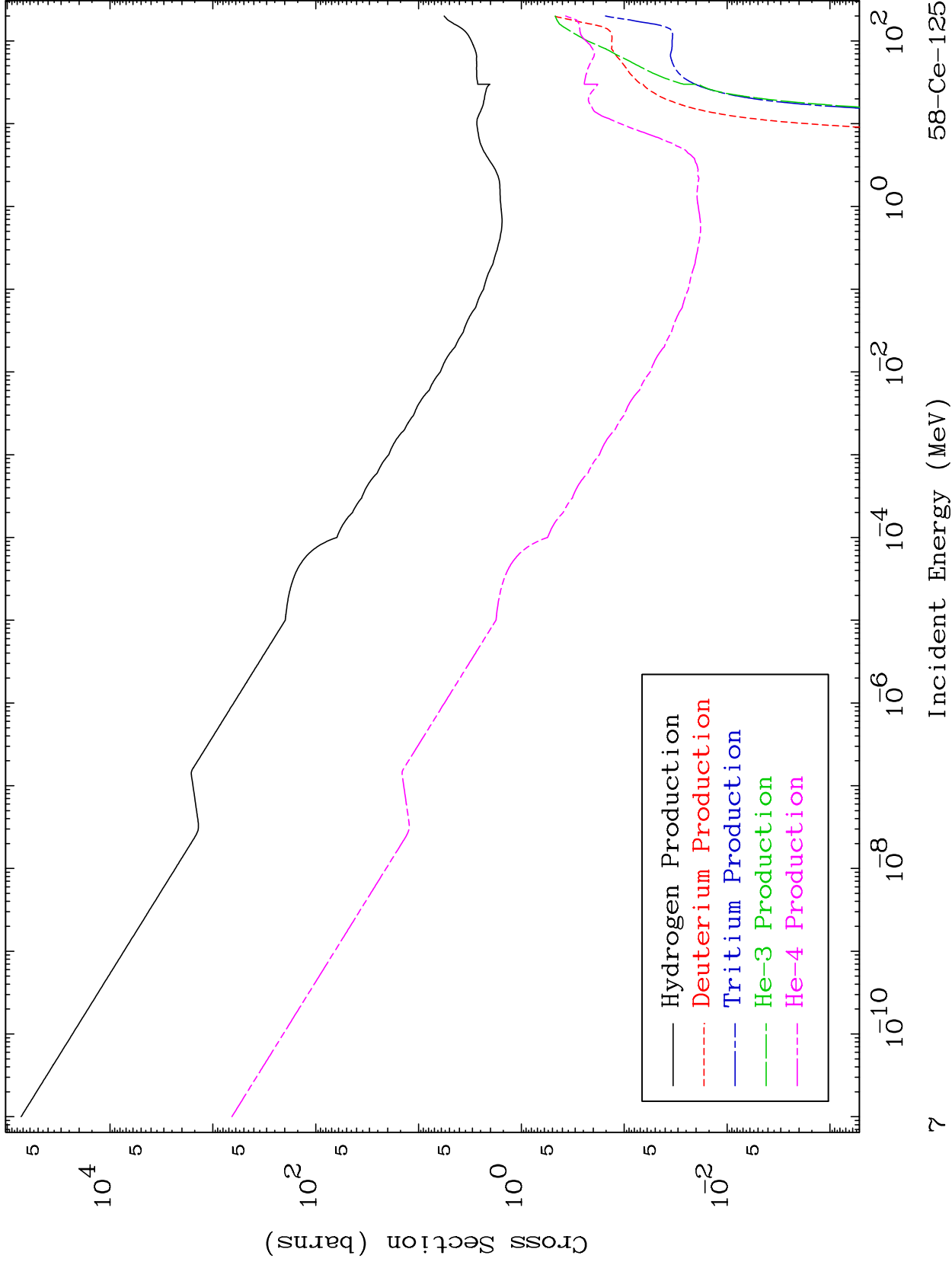
58-Ce-125



MAT 5792

Particle Production
293 Kelvin Cross Sections

58-Ce-125

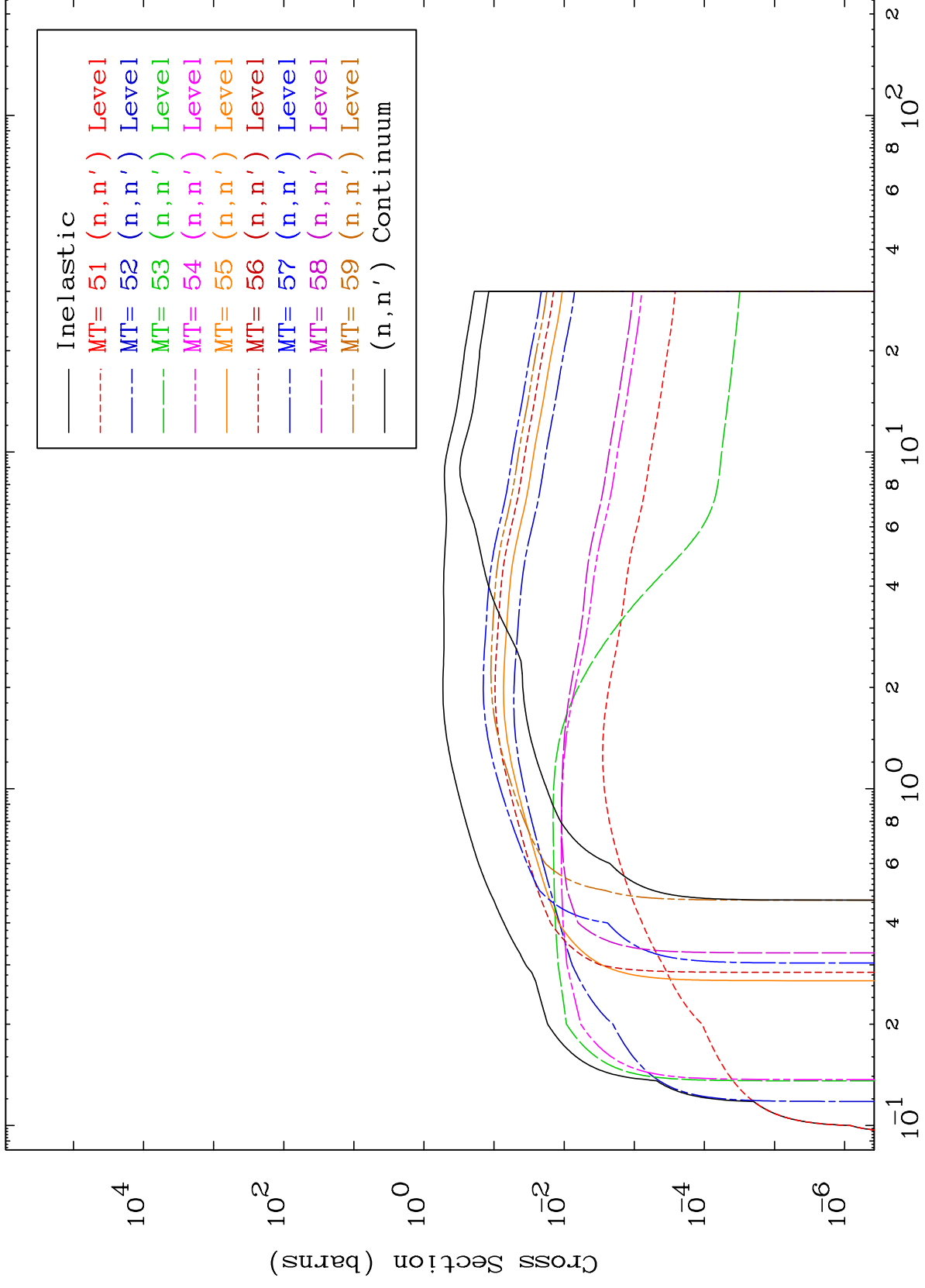


MAT 5792

(n,n') Level

58-Ce-125

293 Kelvin Cross Sections



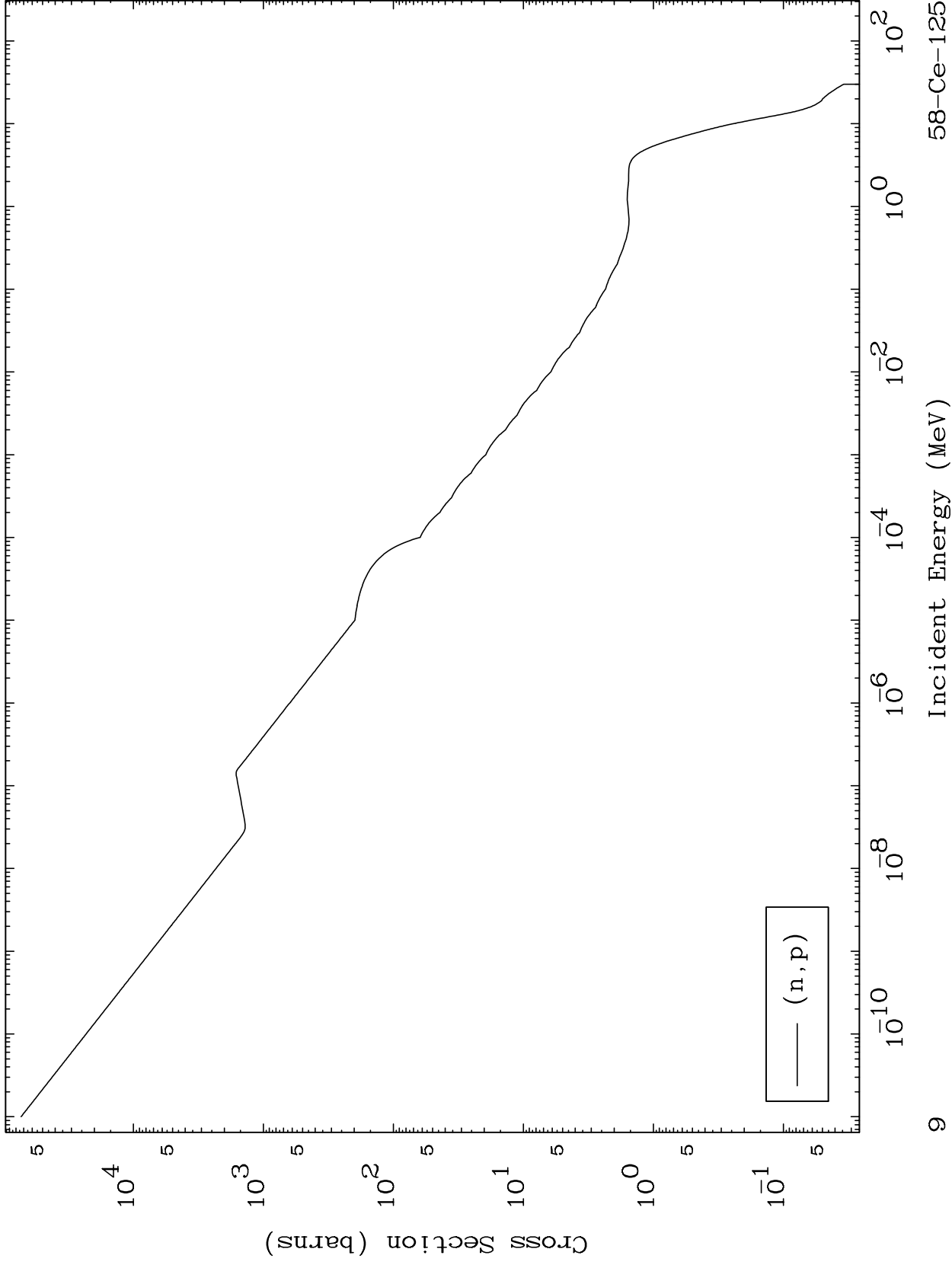
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,p) Levels
293 Kelvin Cross Sections

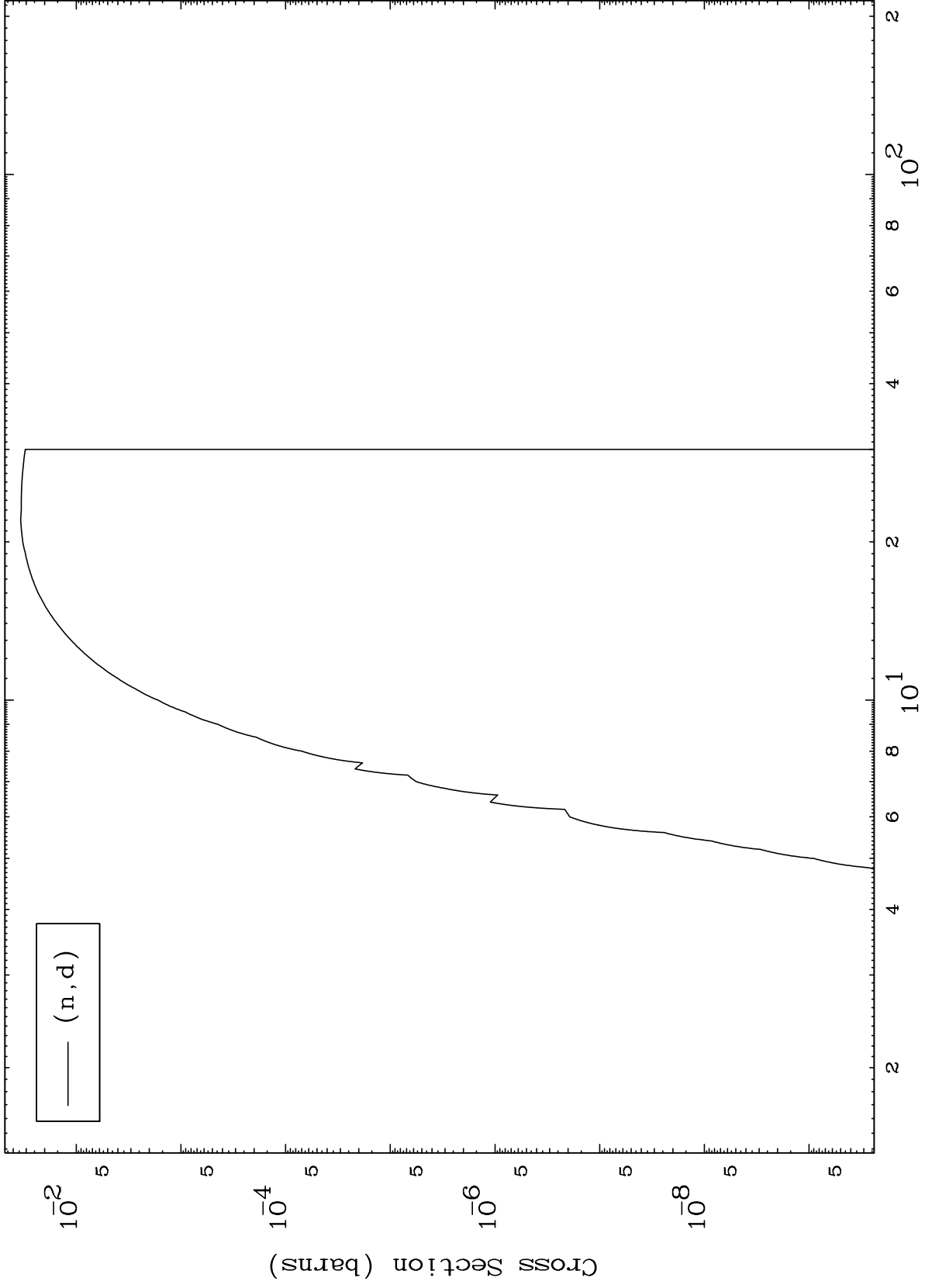
58-Ce-125



MAT 5792

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-125



10

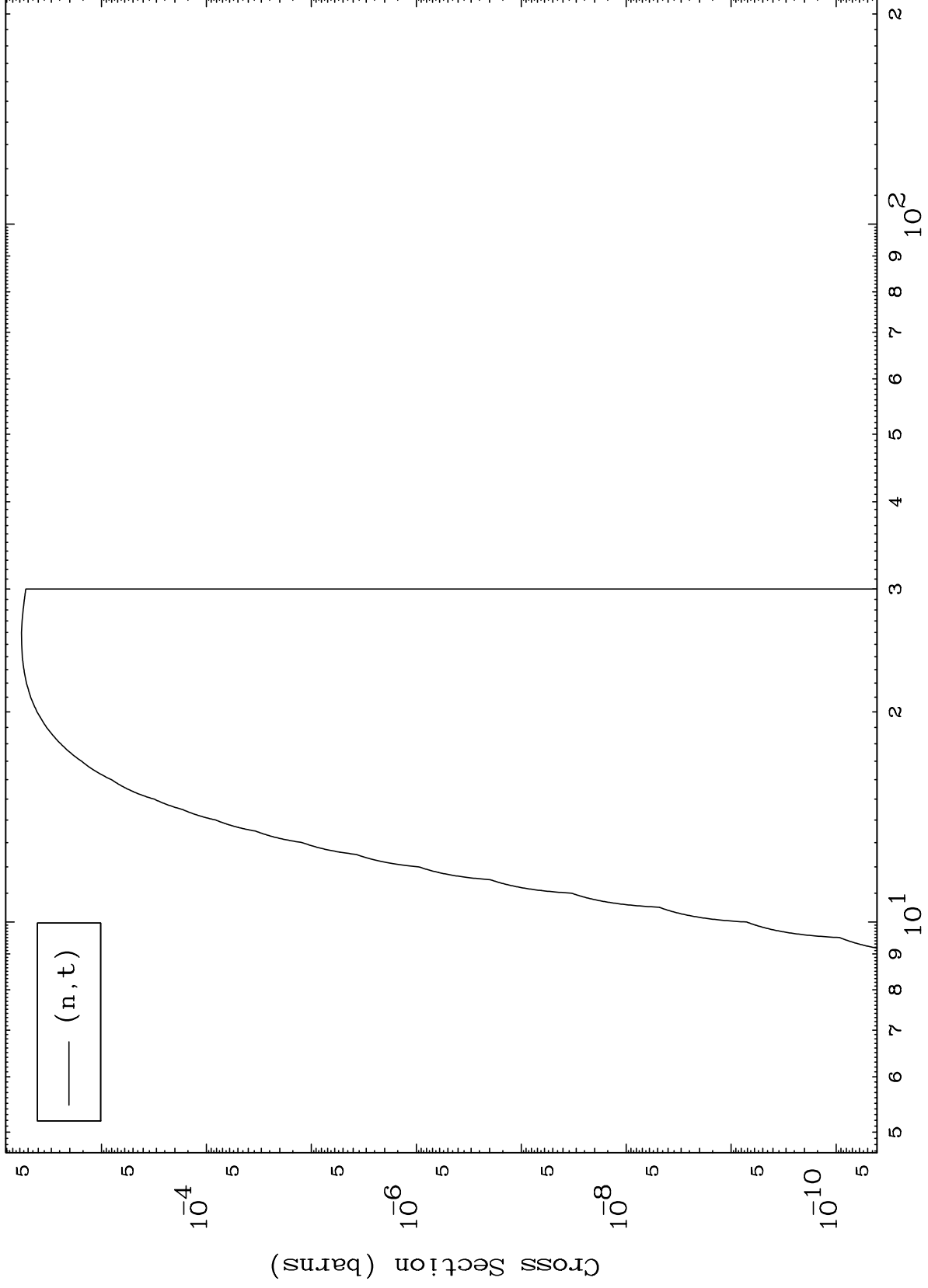
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-125



11

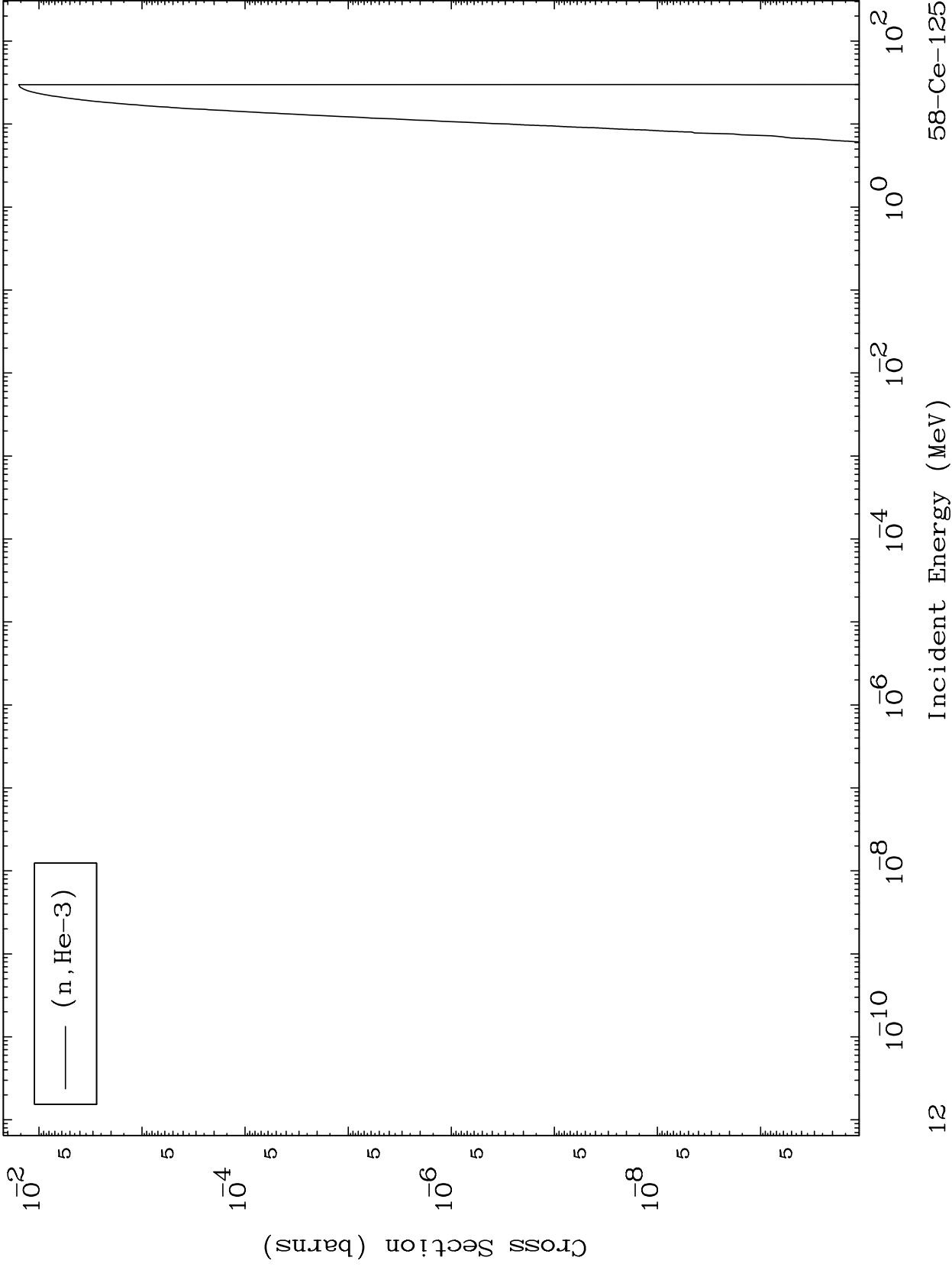
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,He3) Levels
293 Kelvin Cross Sections

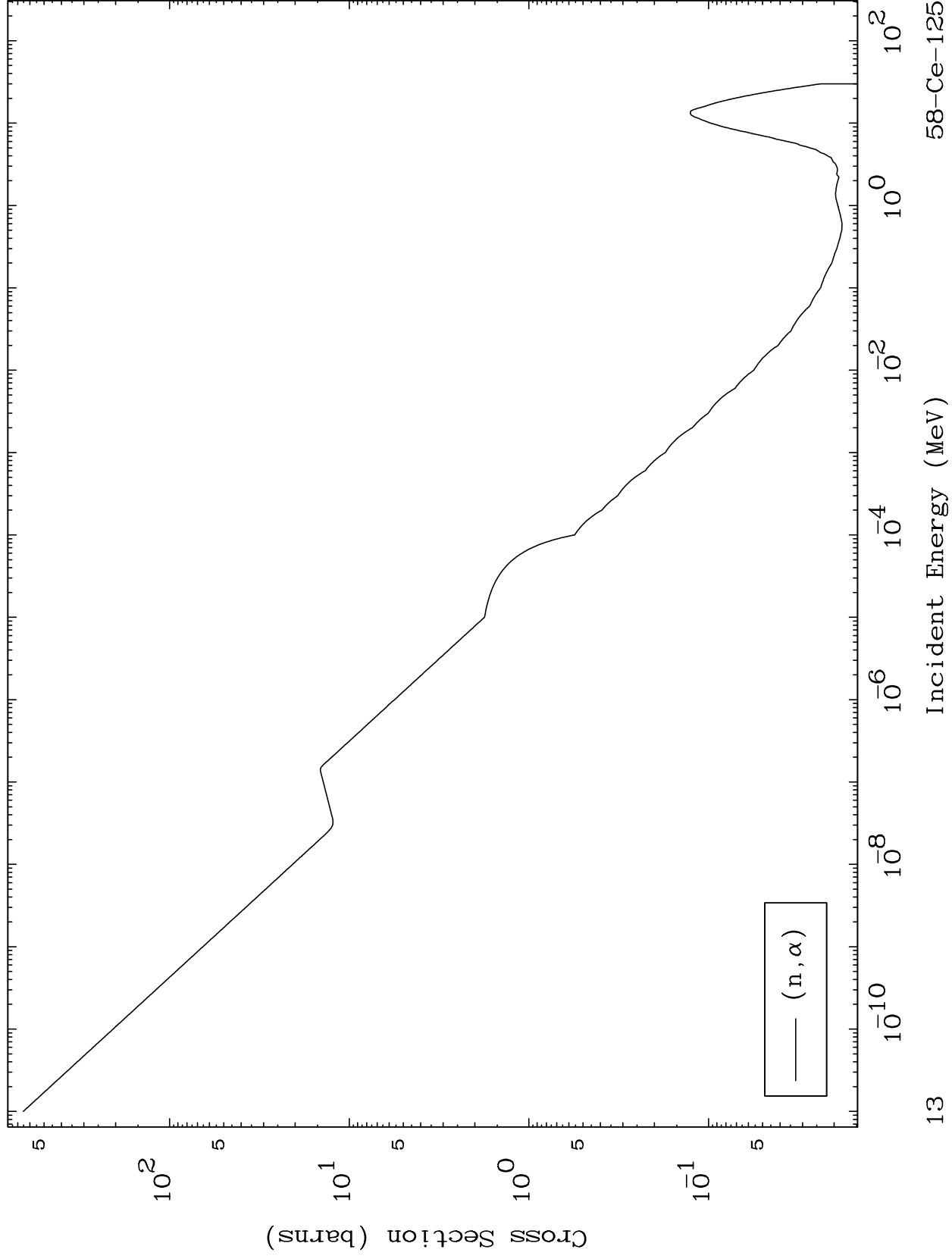
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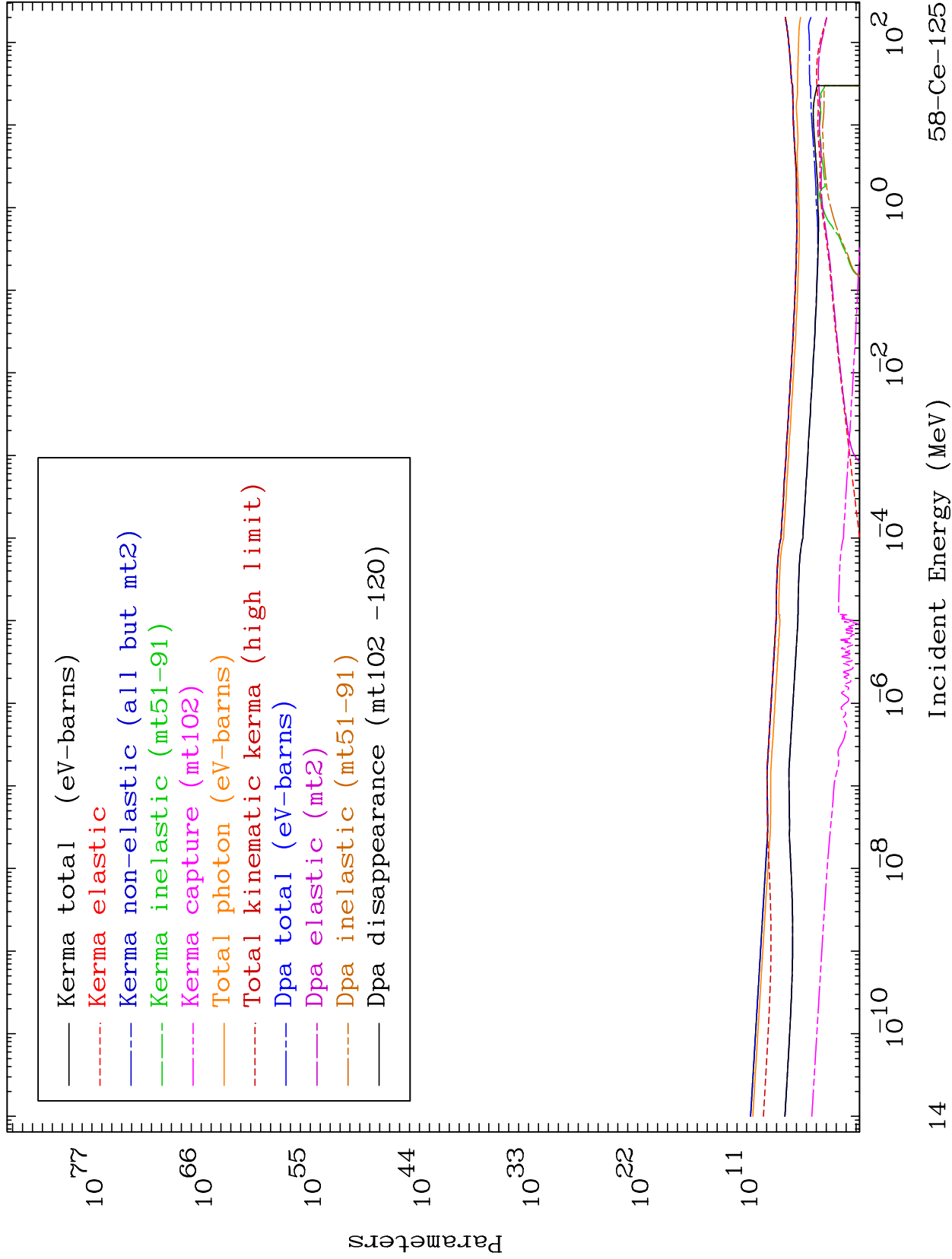
MAT 5792

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-125



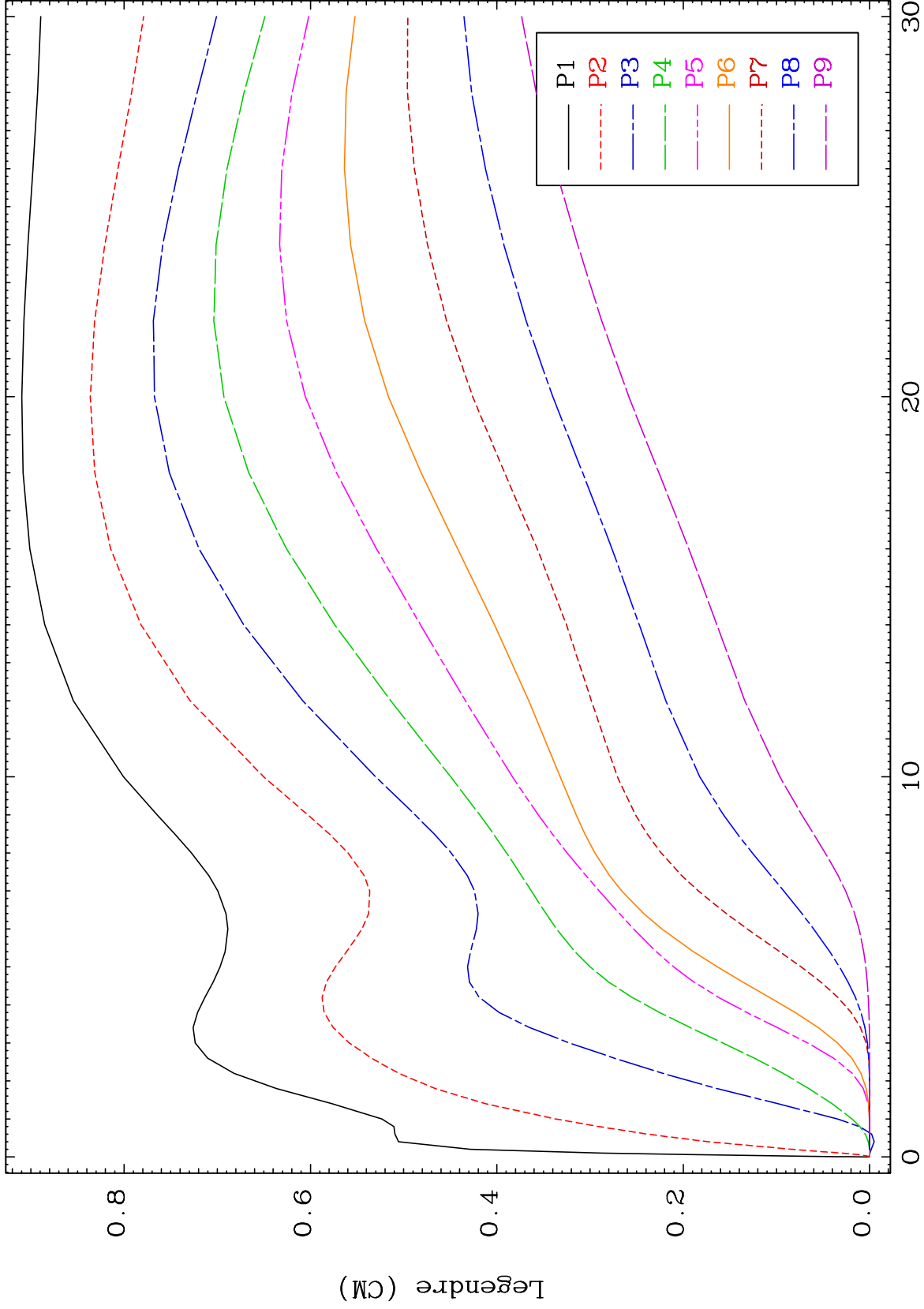
13



MAT 5792

Elastic Legendre Coefficients

58-Ce-125



0

15

Incident Energy (MeV)

10

20

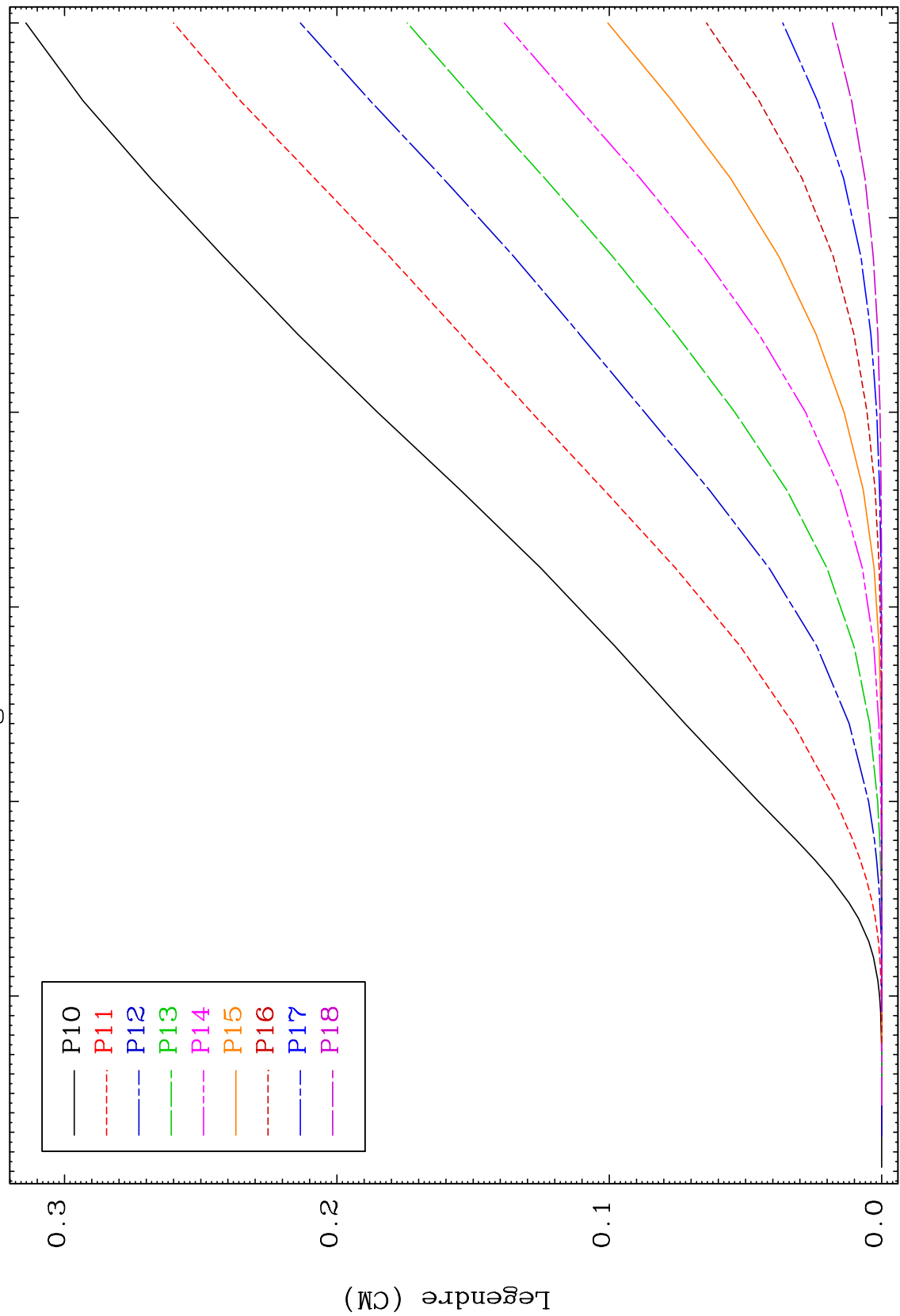
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58-Ce-125

MAT 5792

Elastic Legendre Coefficients

58-Ce-125



16

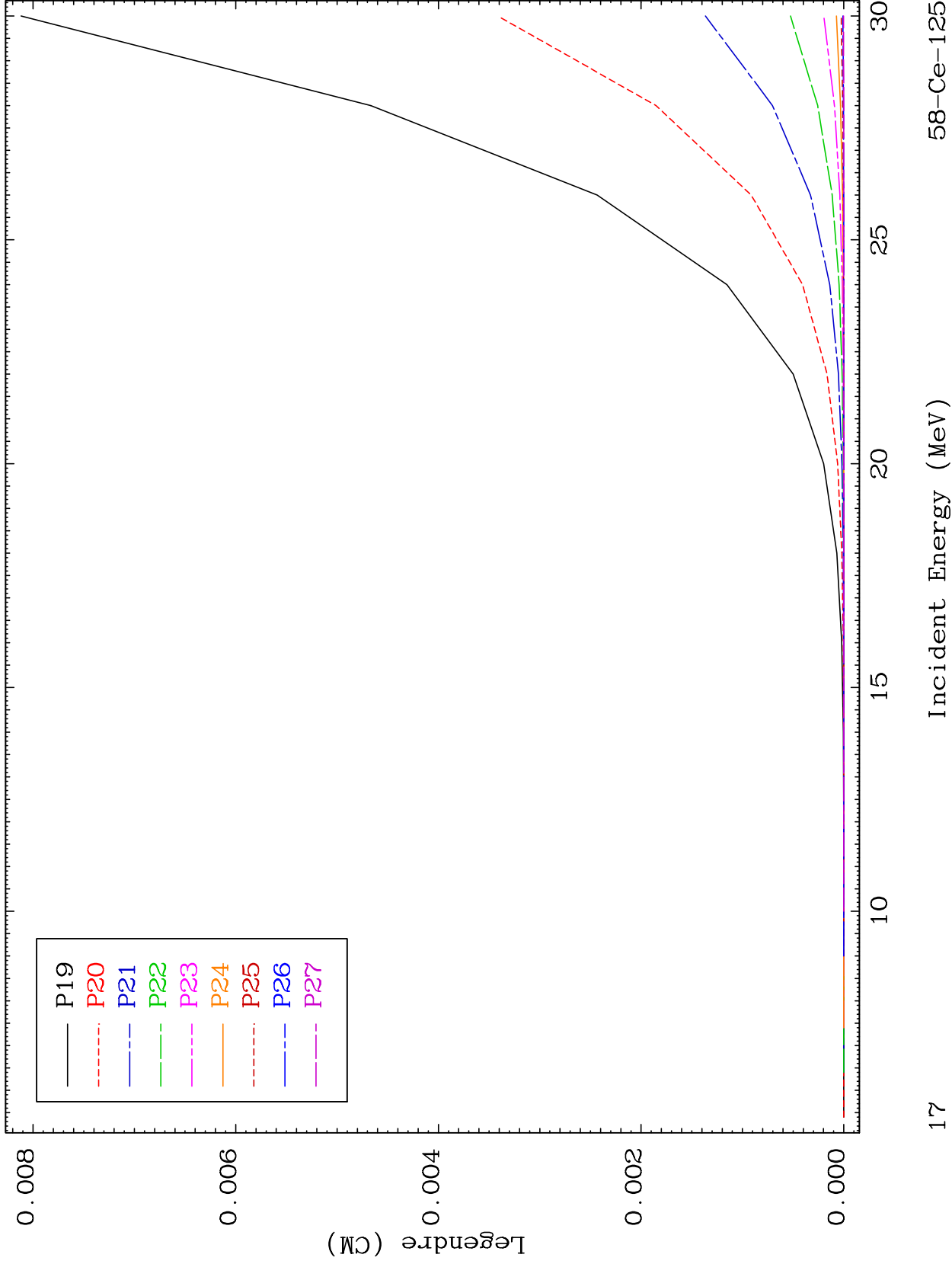
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

58-Ce-125



17

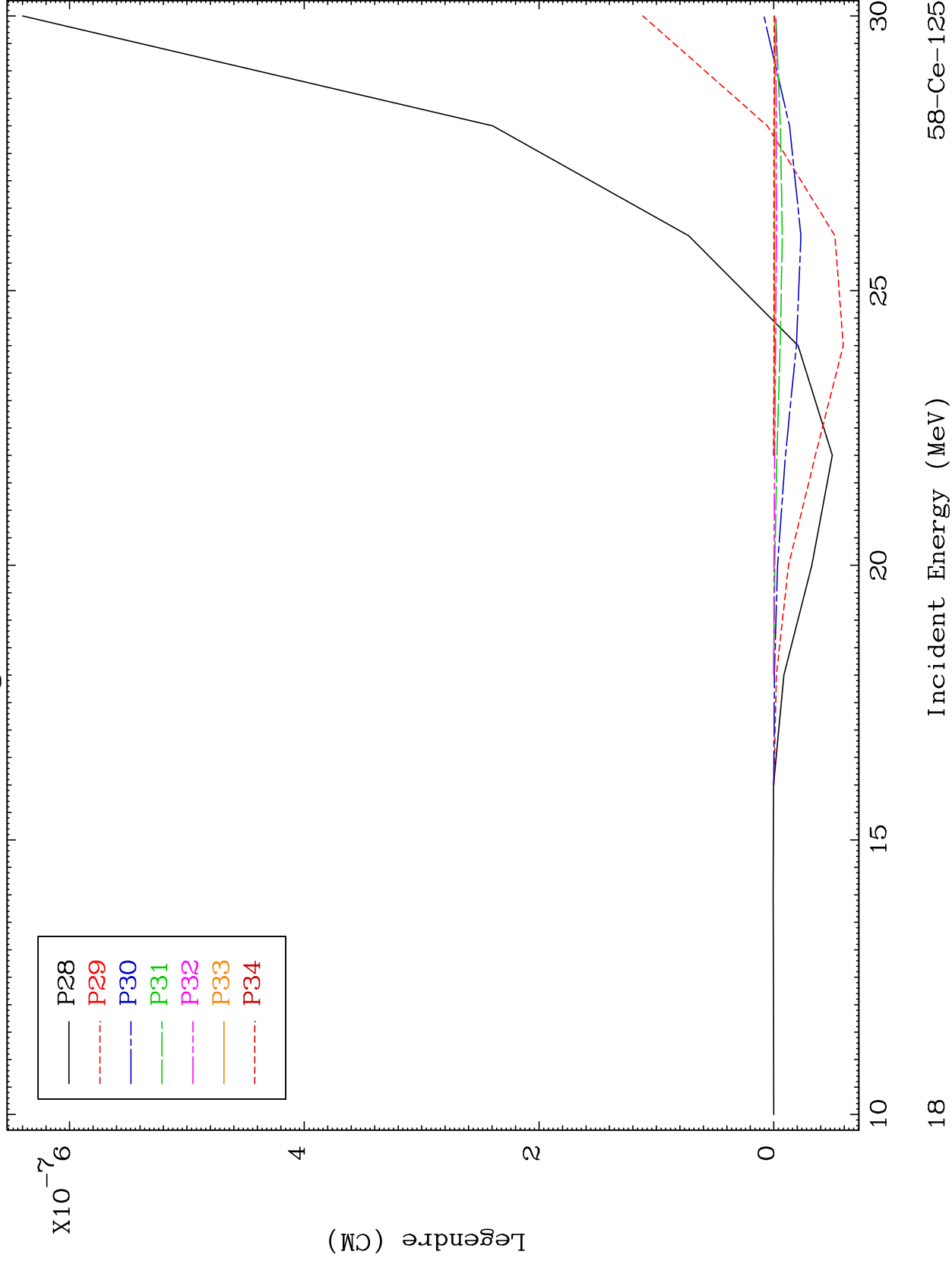
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

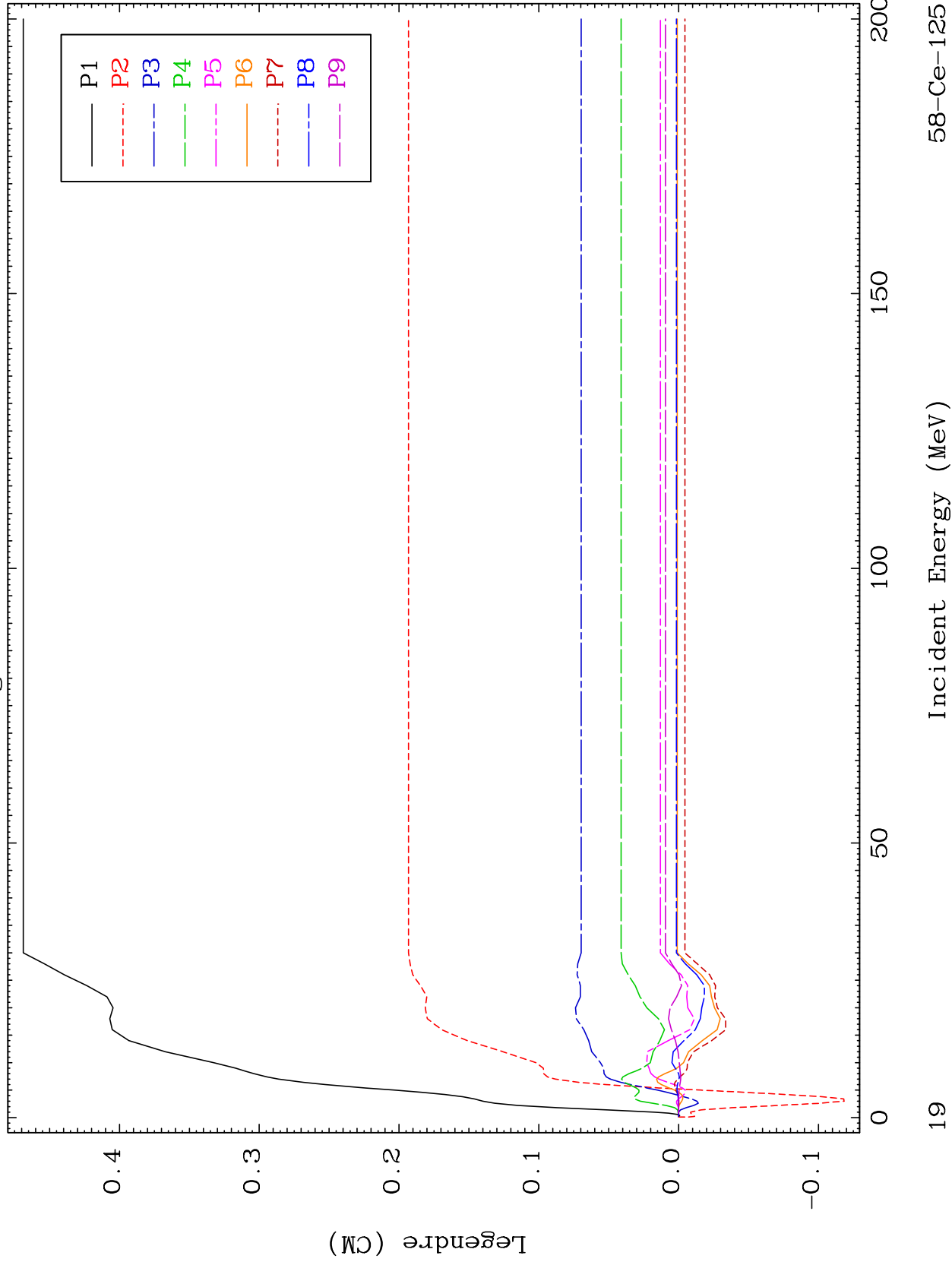
58-Ce-125



MAT 5792

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

58-Ce-125



58-Ce-125

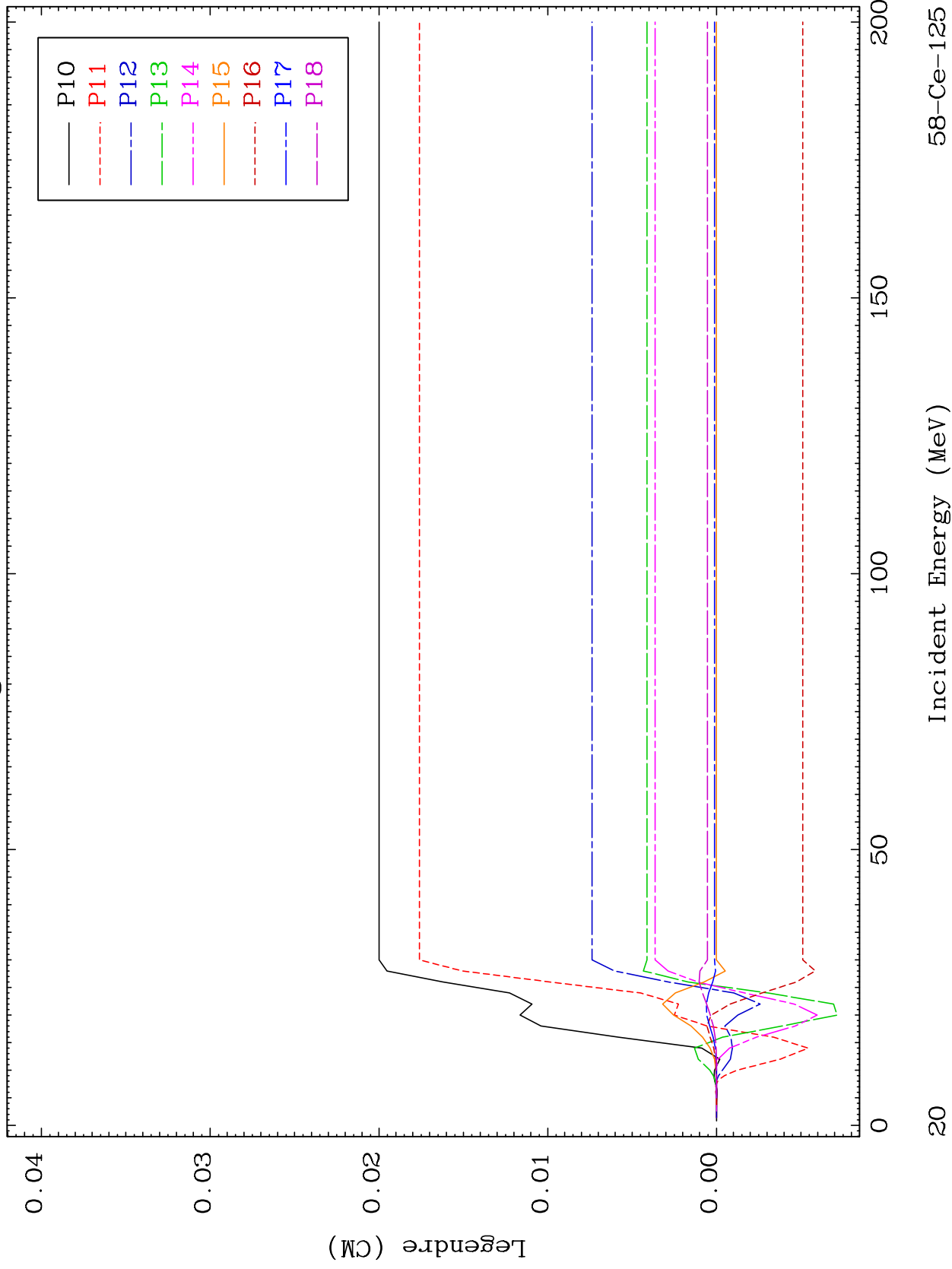
Incident Energy (MeV)

19

MAT 5792

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

58-Ce-125

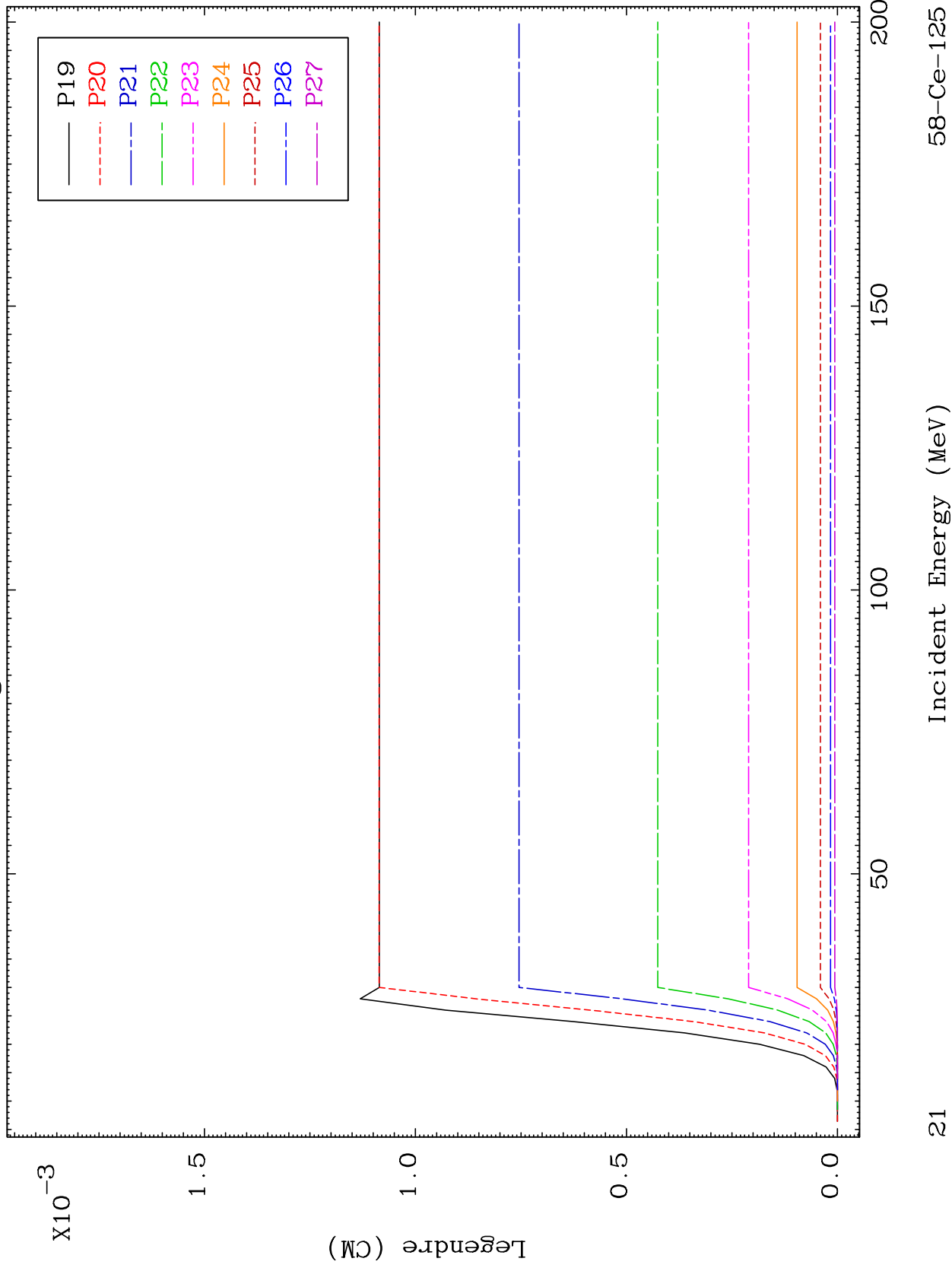


58-Ce-125

MAT 5792

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

58-Ce-125

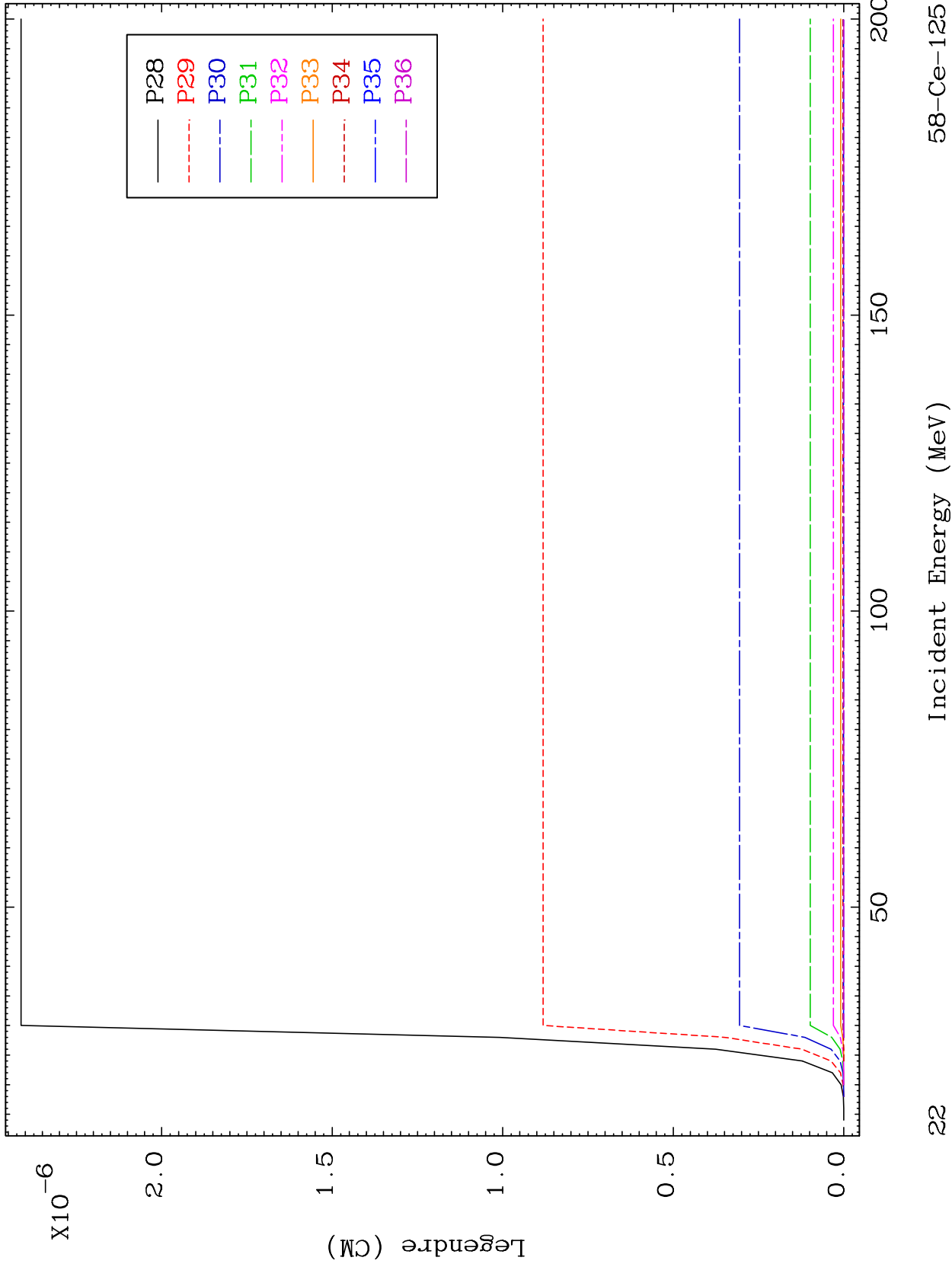


21

MAT 5792

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

58-Ce-125

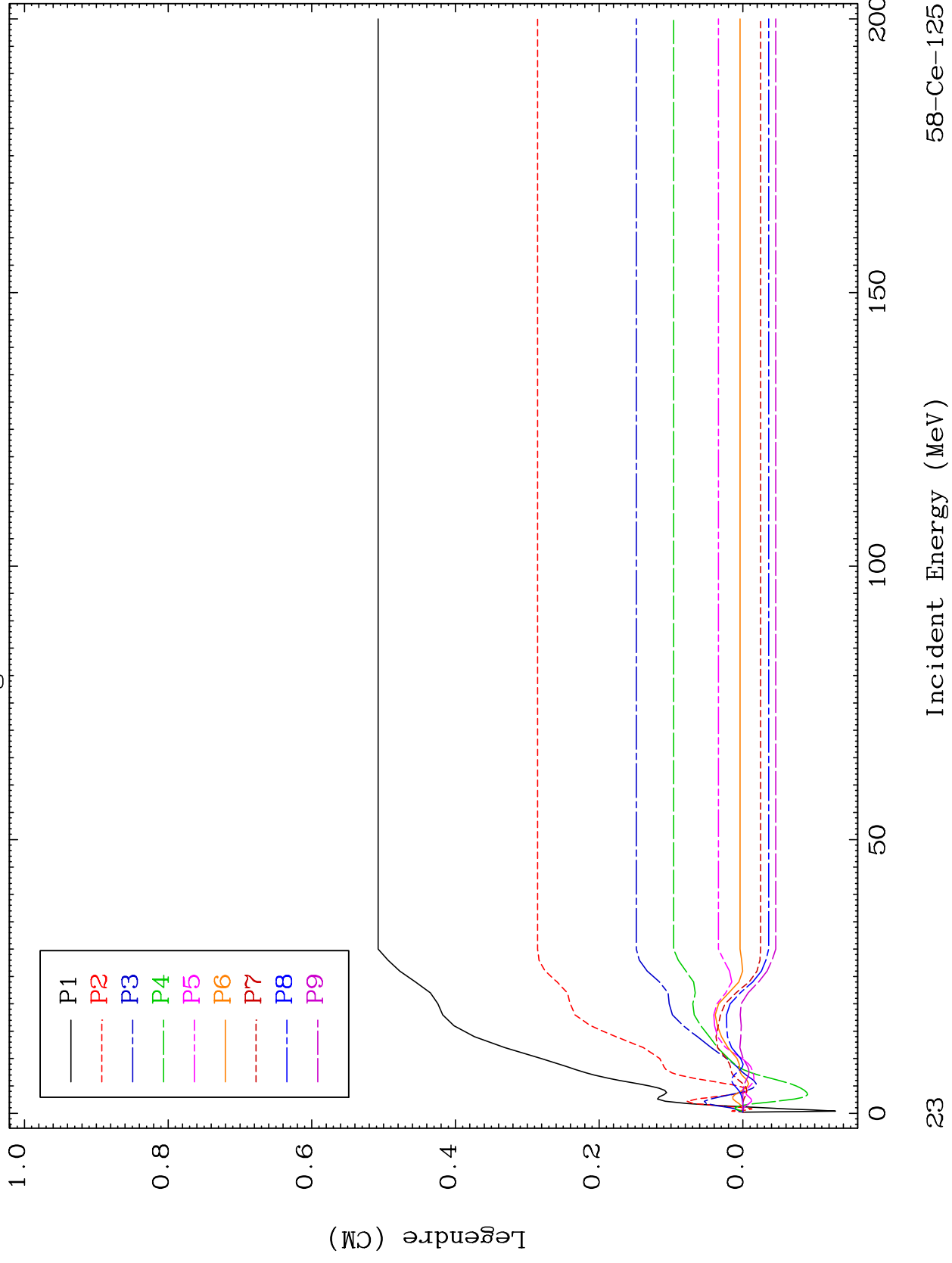


22

MAT 5792

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

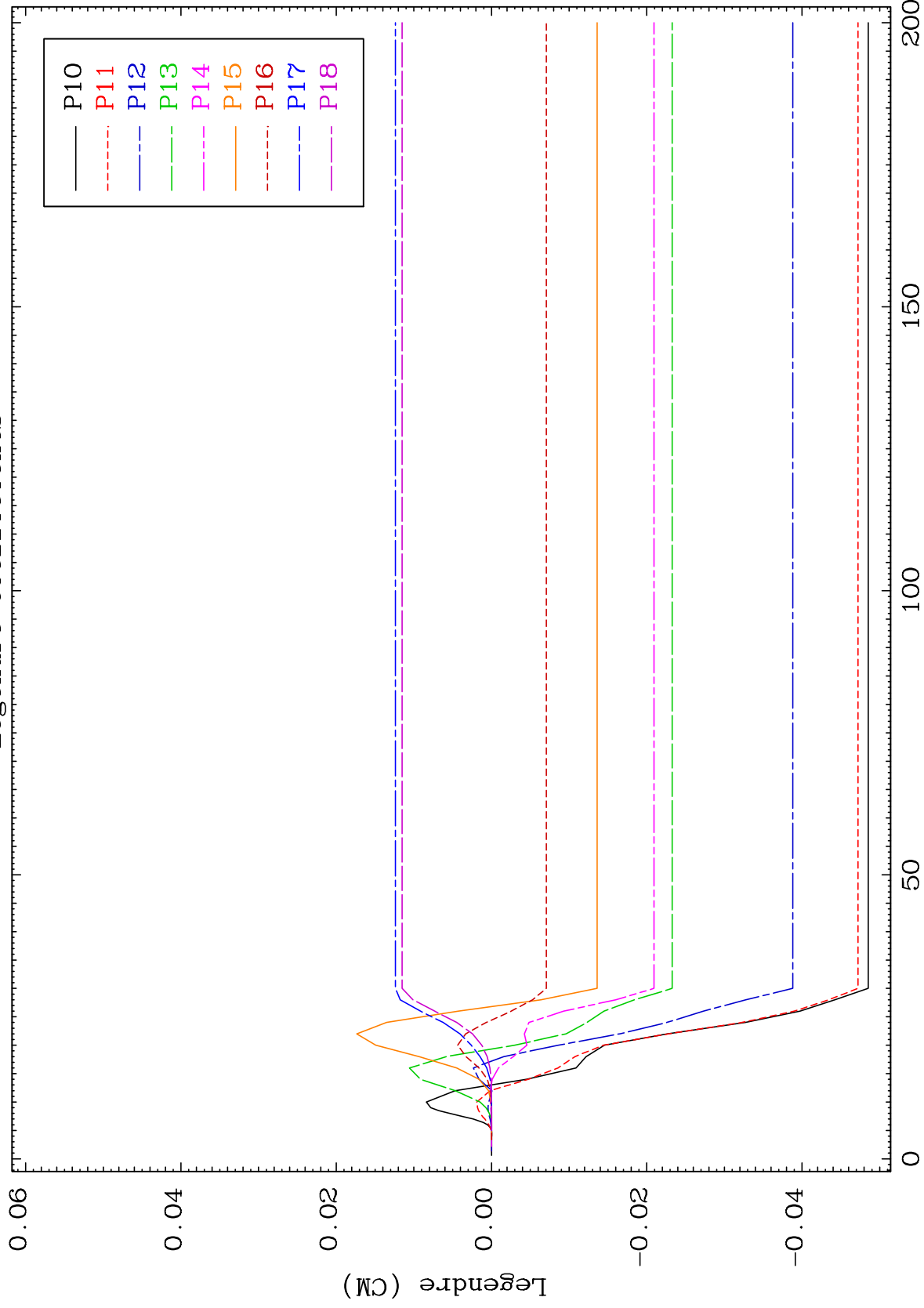
58-Ce-125



MAT 5792

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

58-Ce-125



24

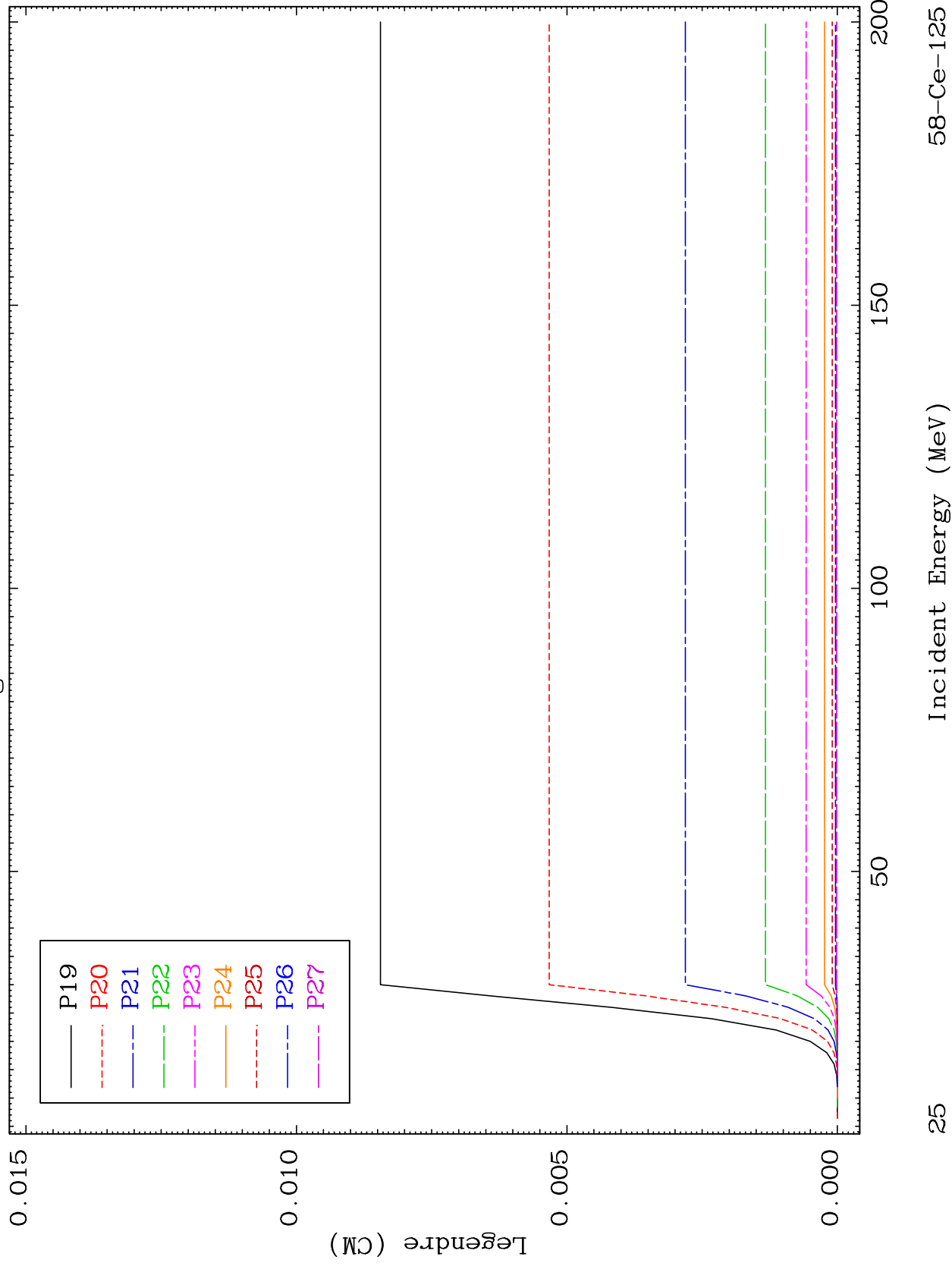
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



25

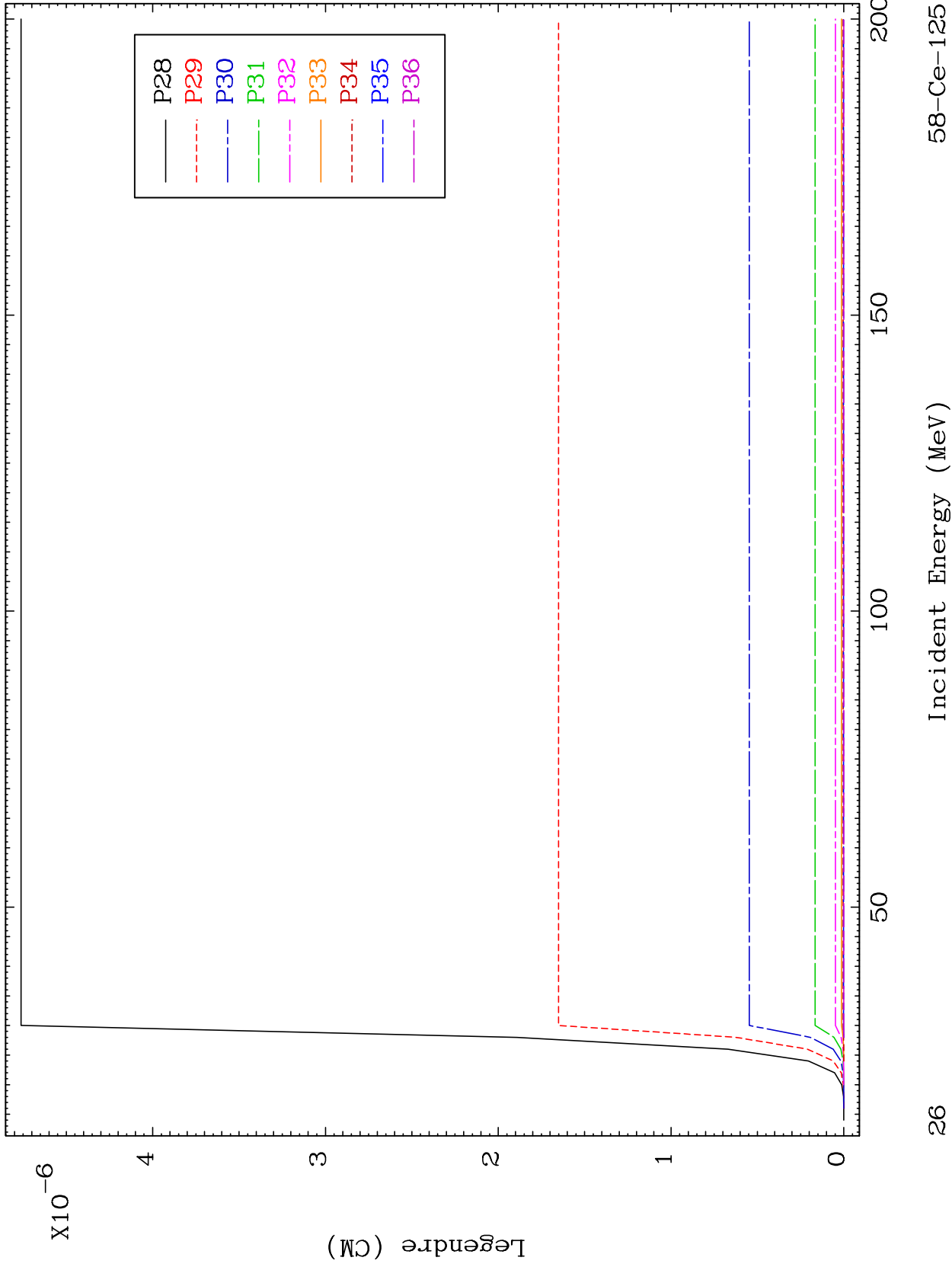
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



26

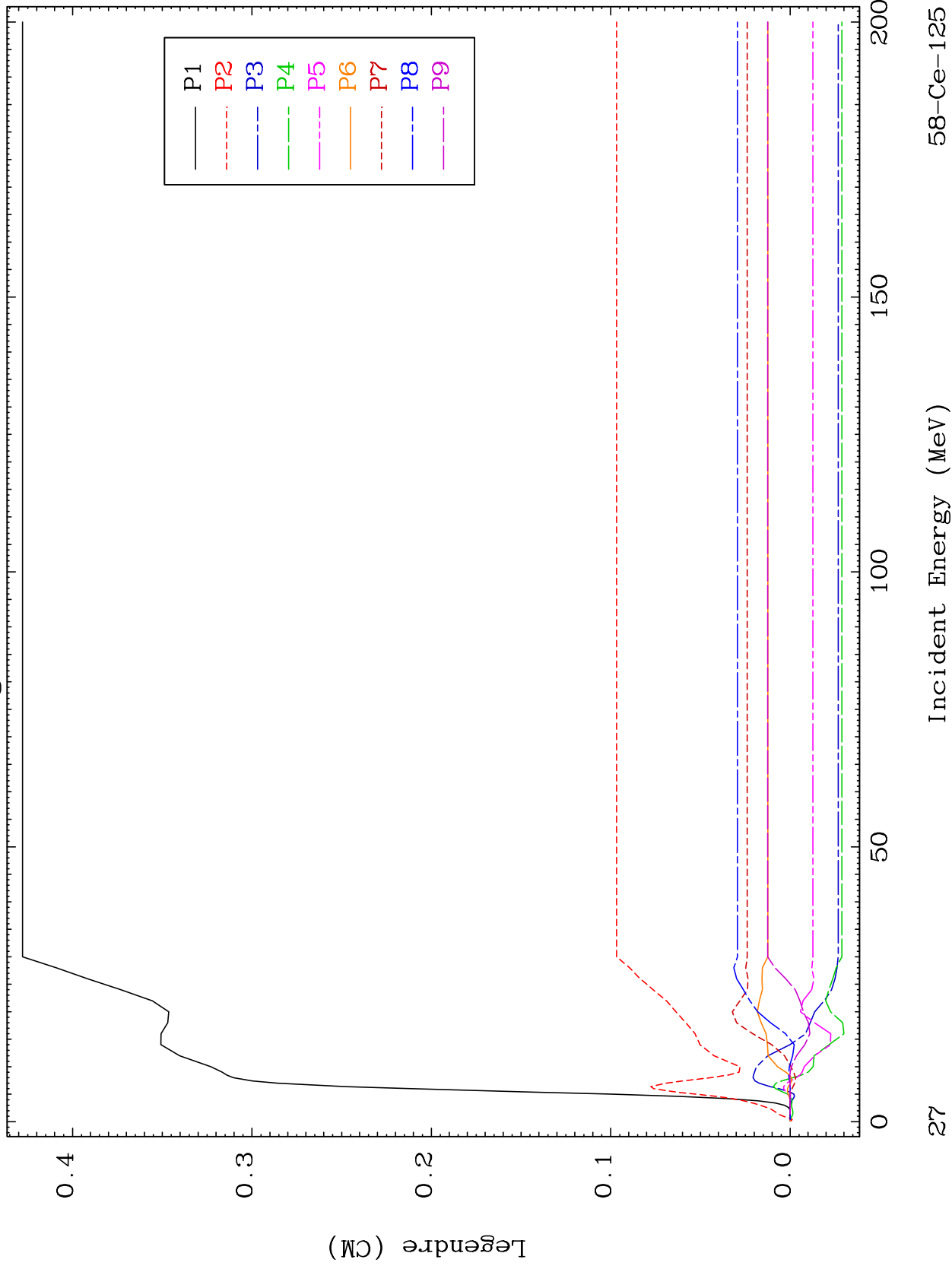
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



27

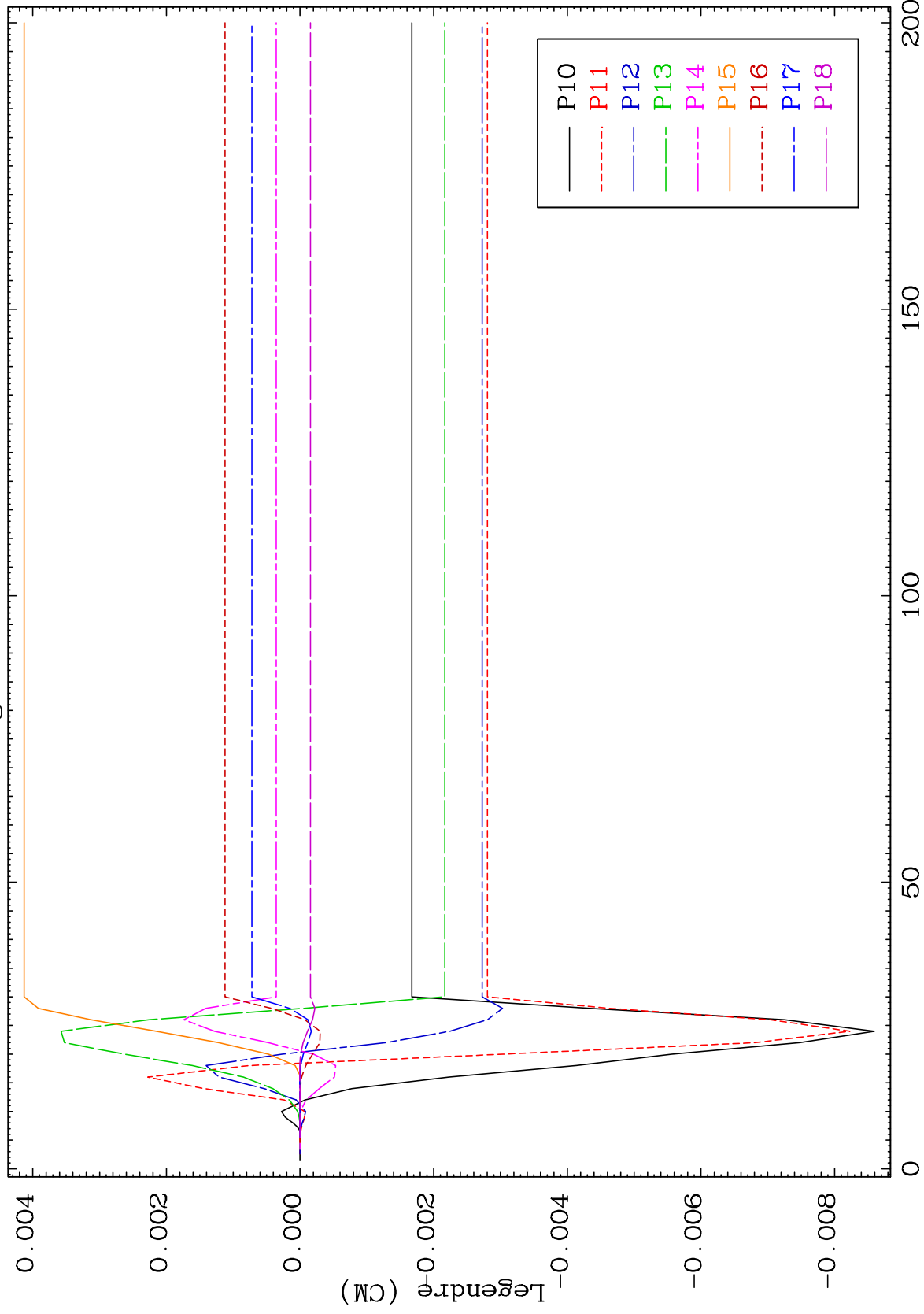
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



28

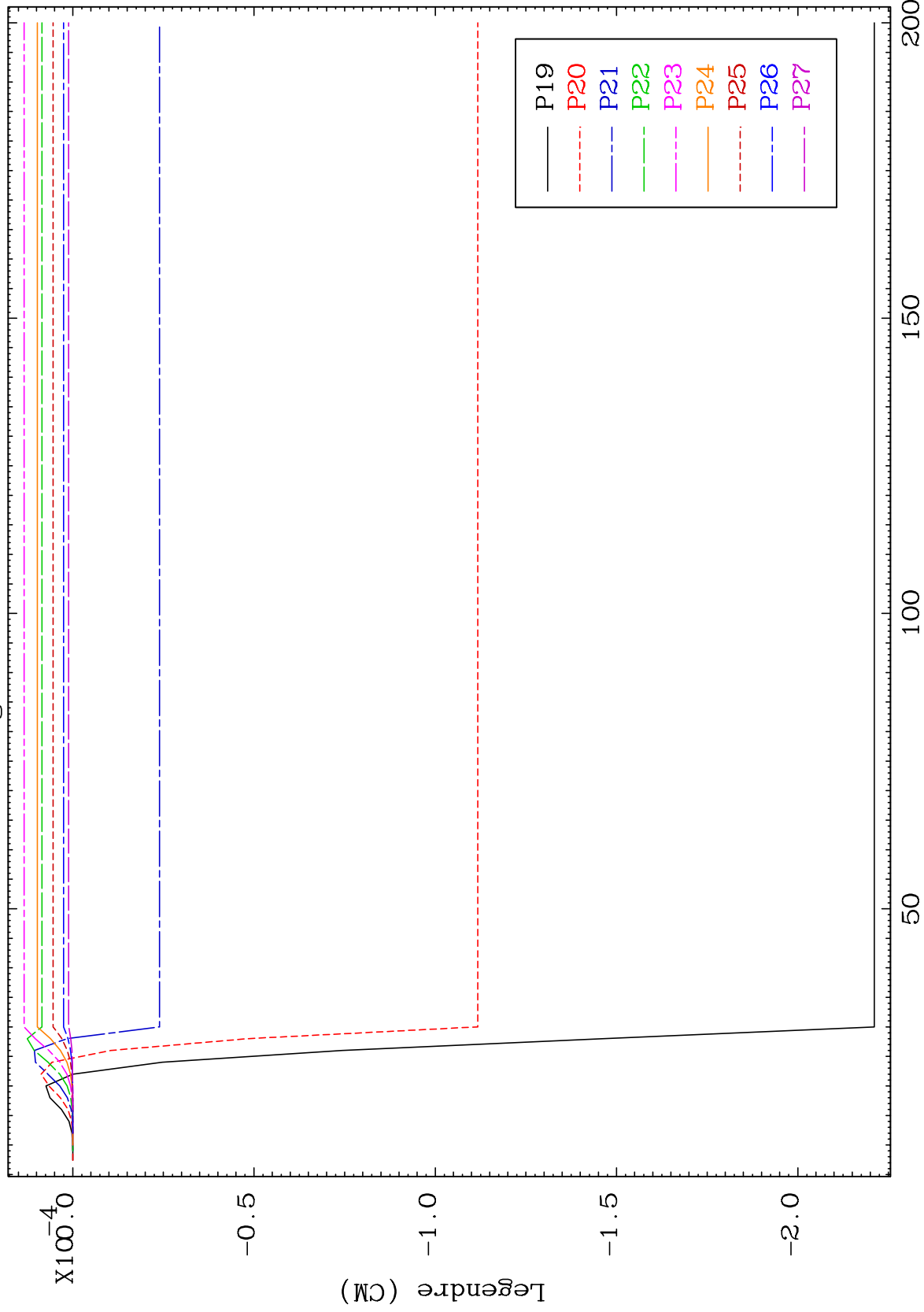
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



29

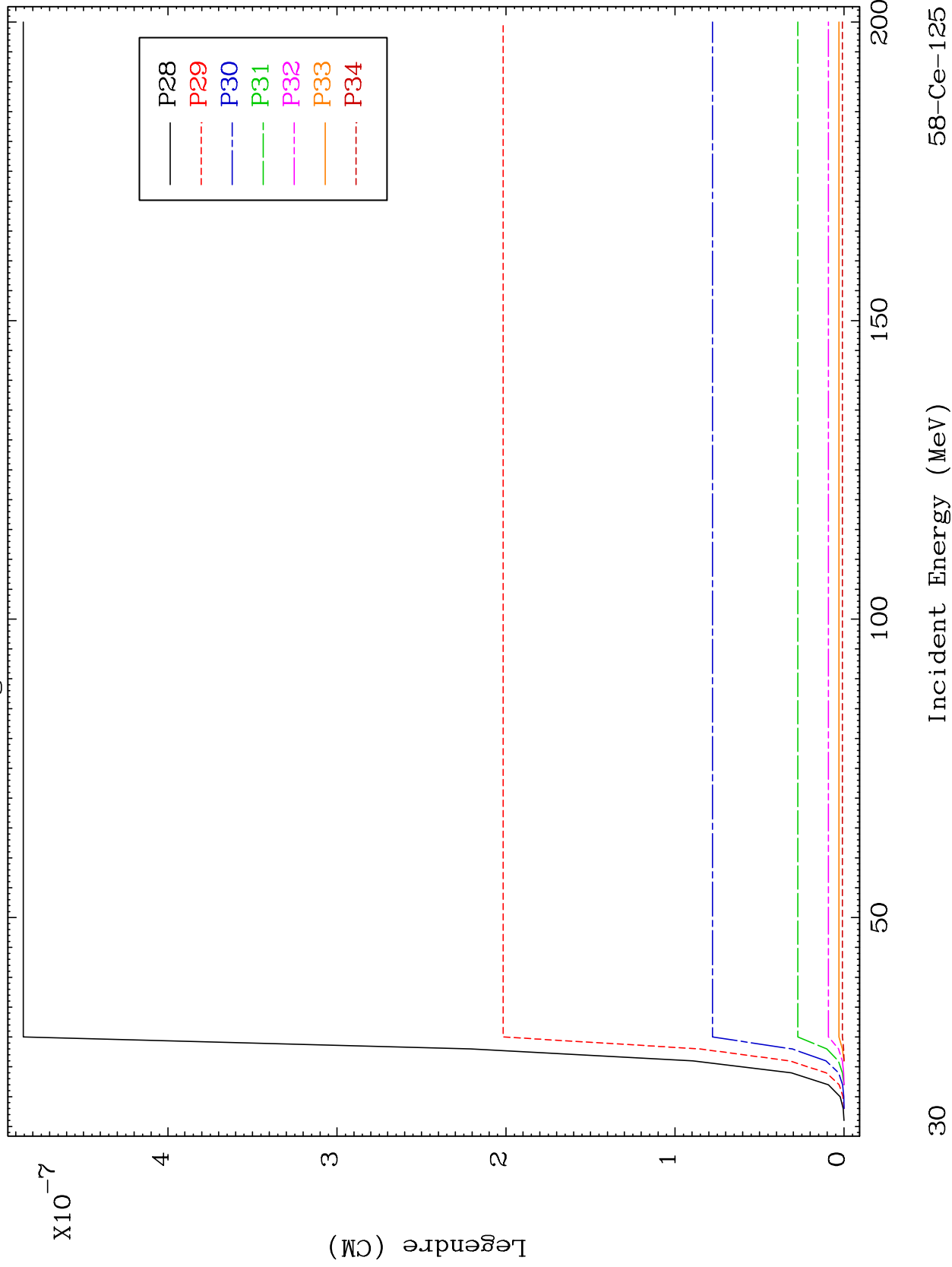
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

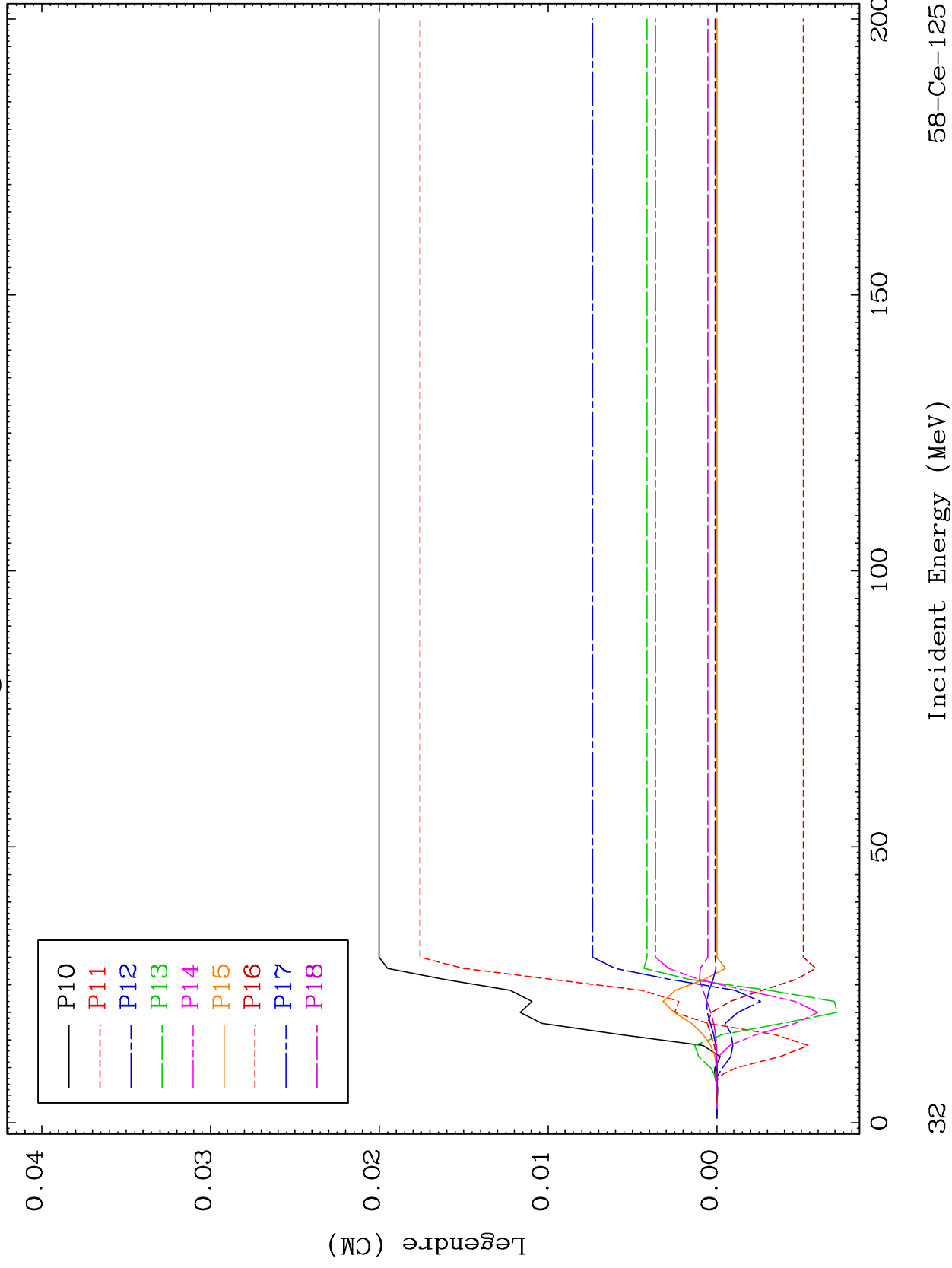
58-Ce-125



MAT 5792

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

58-Ce-125



58-Ce-125

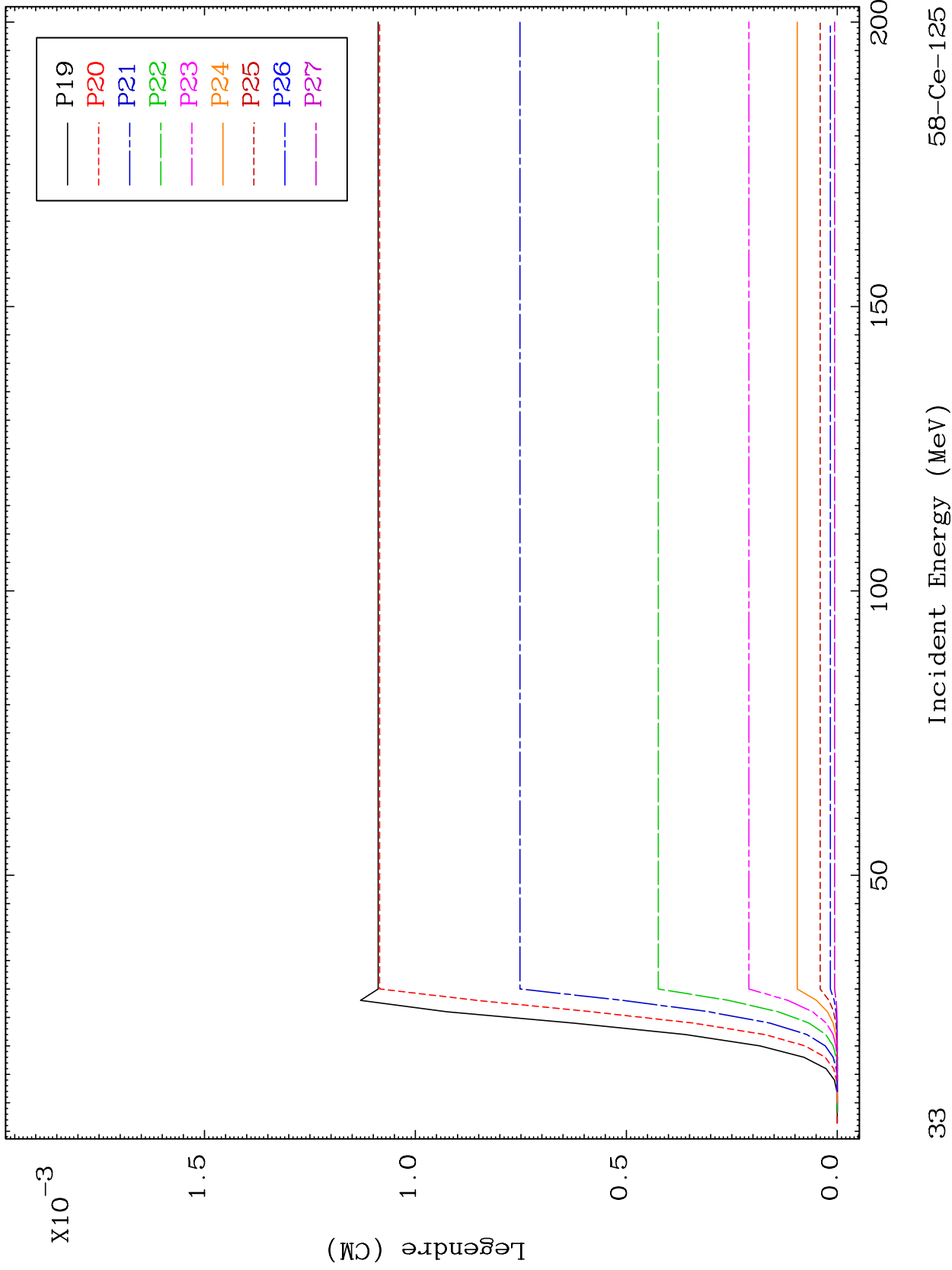
Incident Energy (MeV)

32

MAT 5792

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

58-Ce-125



33

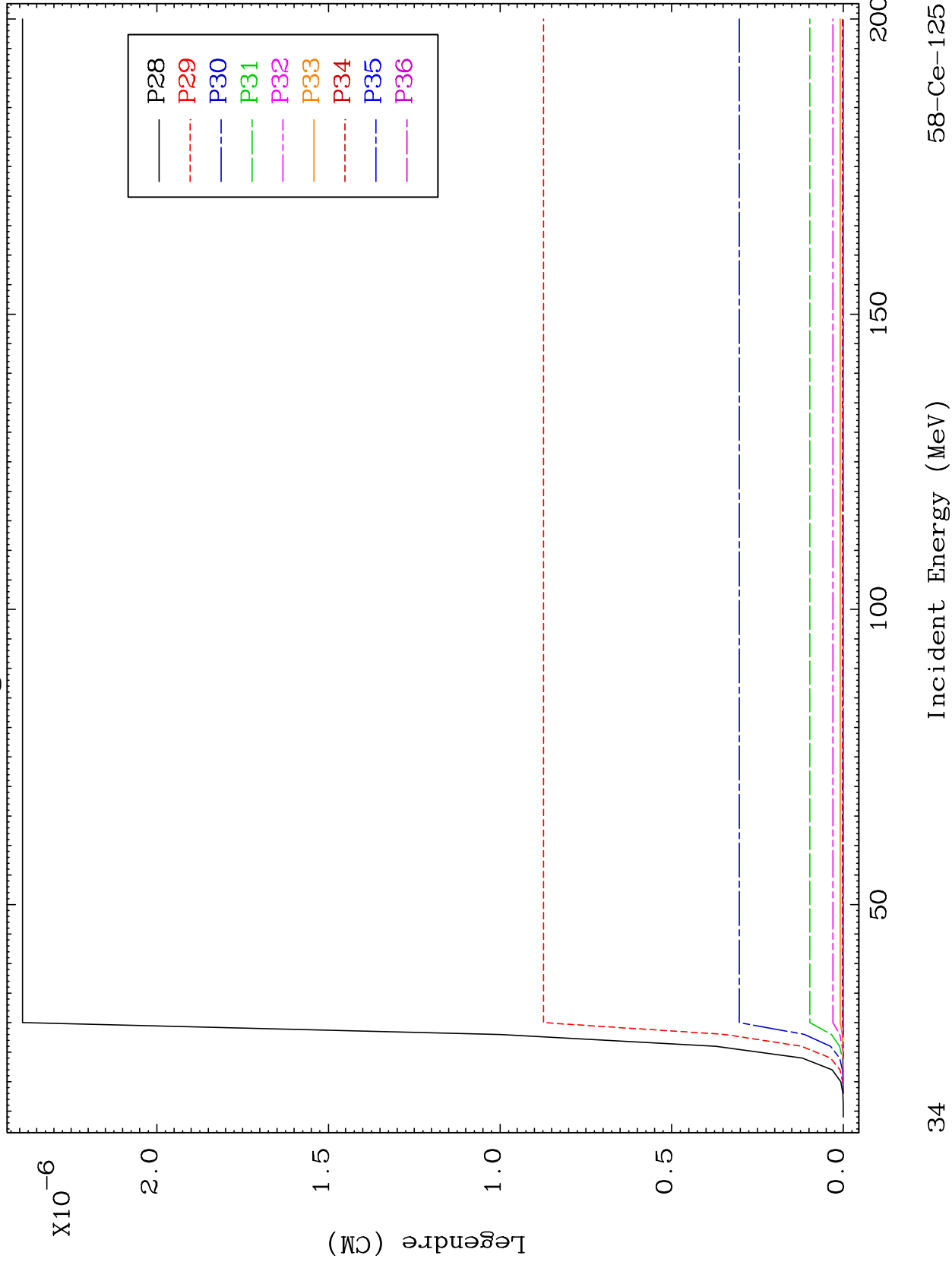
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125

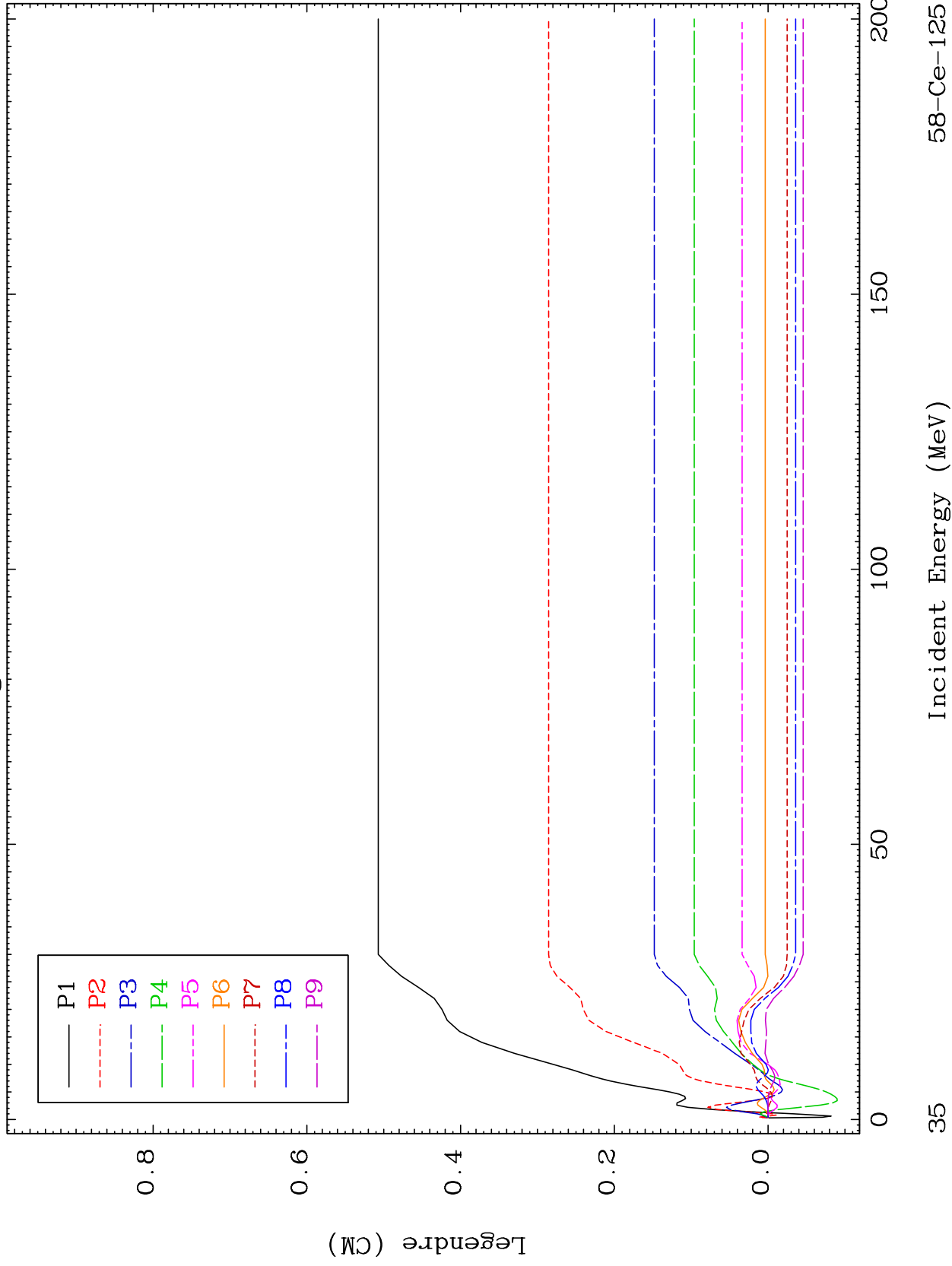


34

MAT 5792

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

58-Ce-125



58-Ce-125

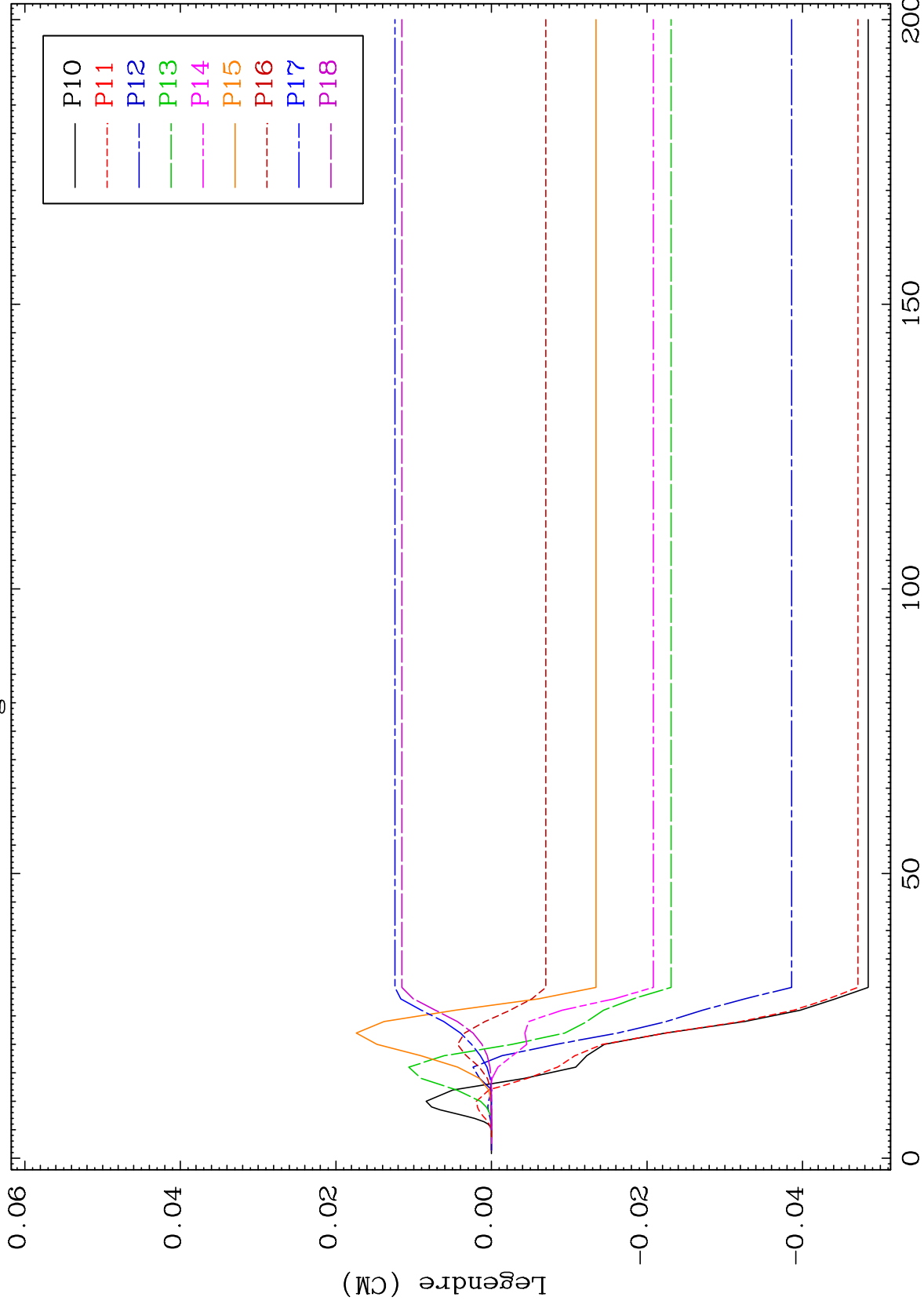
Incident Energy (MeV)

35

MAT 5792

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

58-Ce-125



36

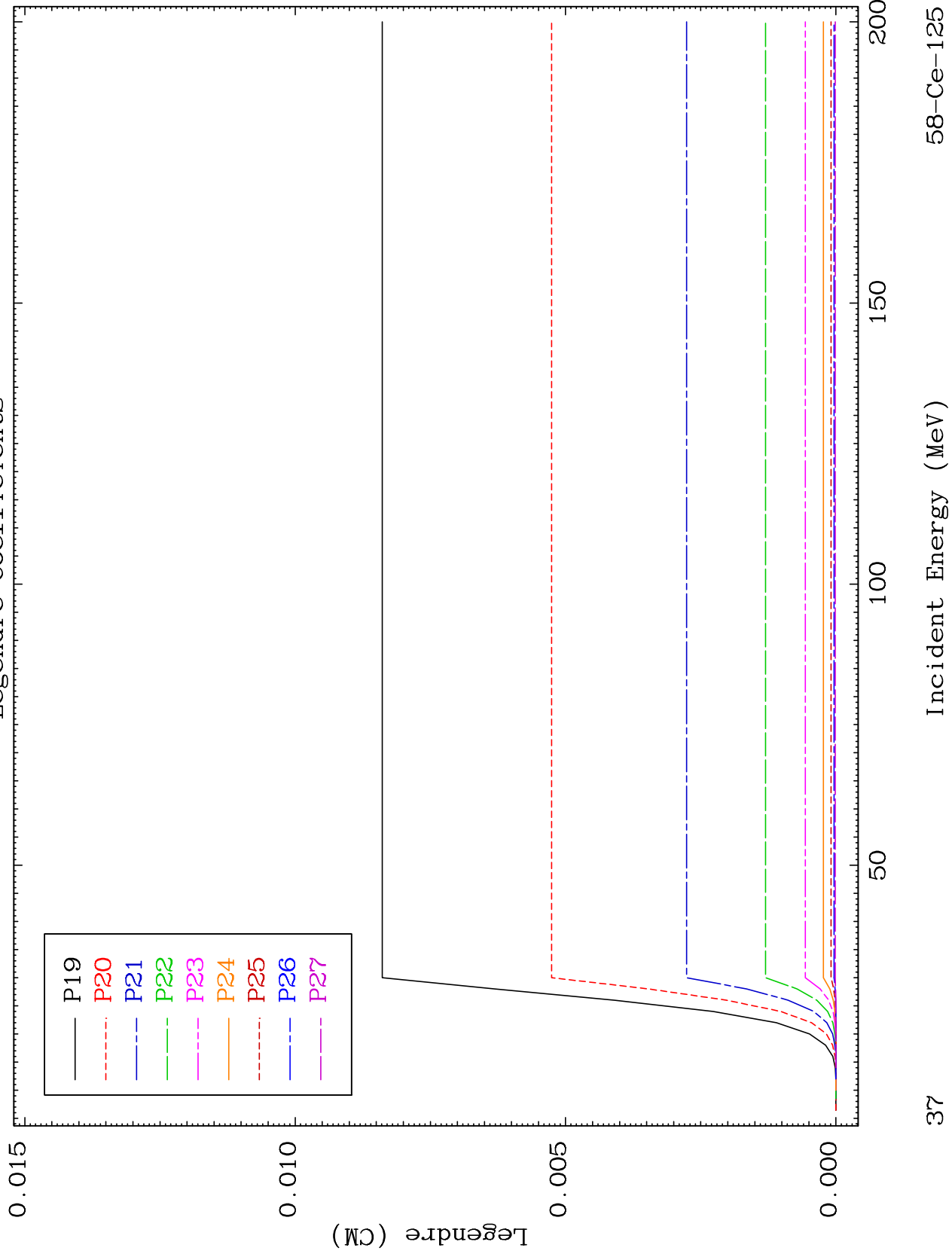
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



37

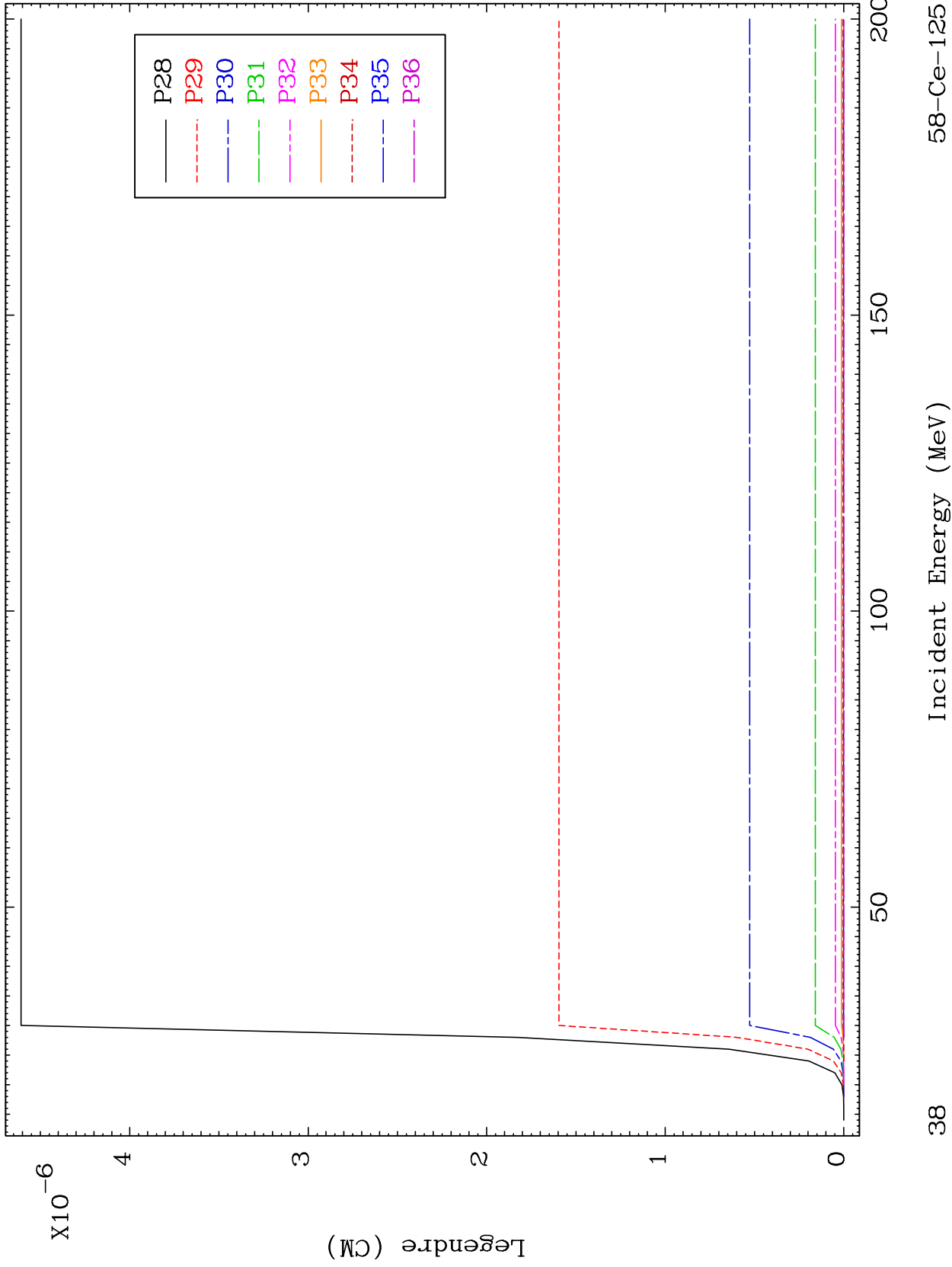
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



38

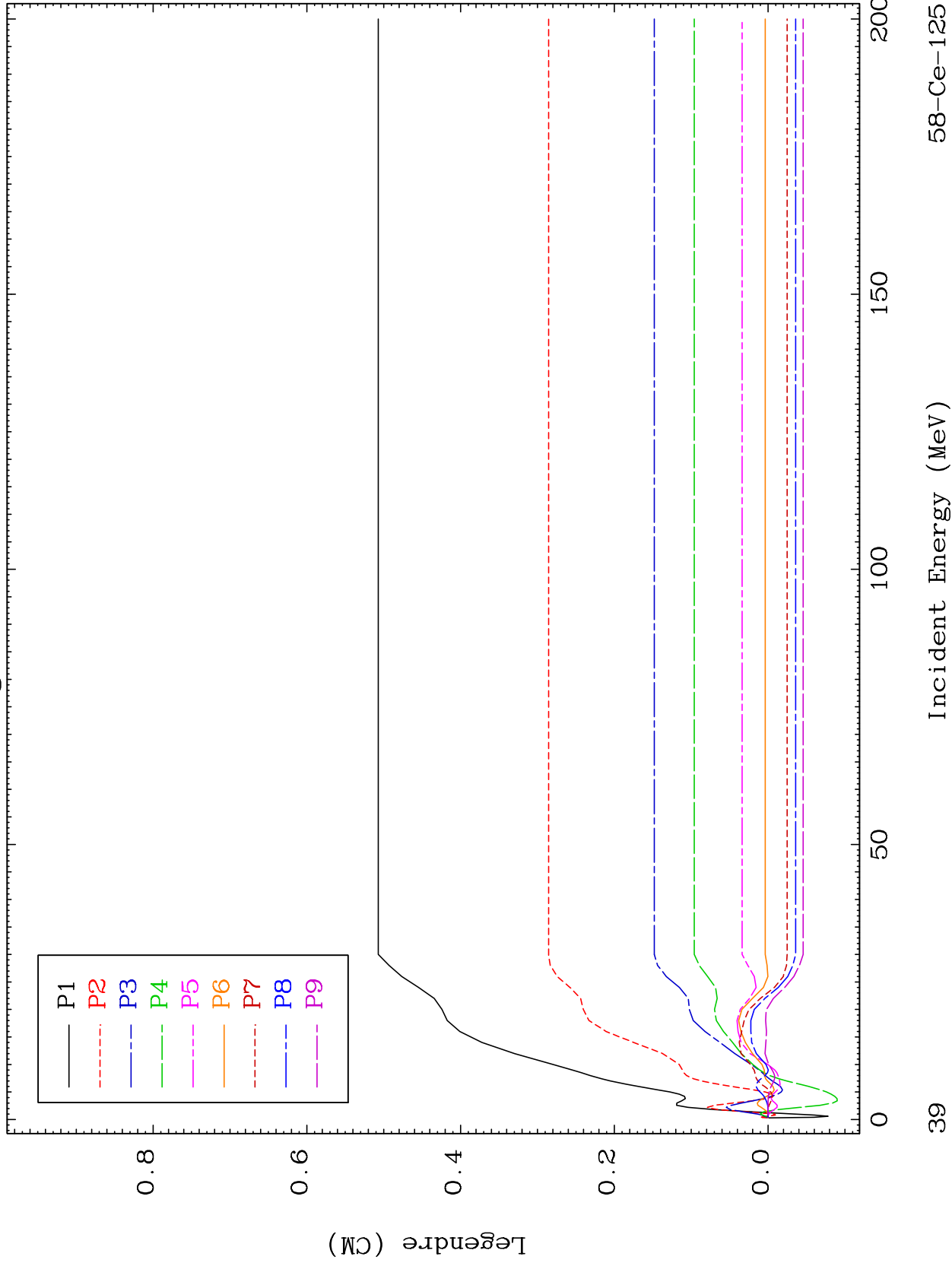
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



58-Ce-125

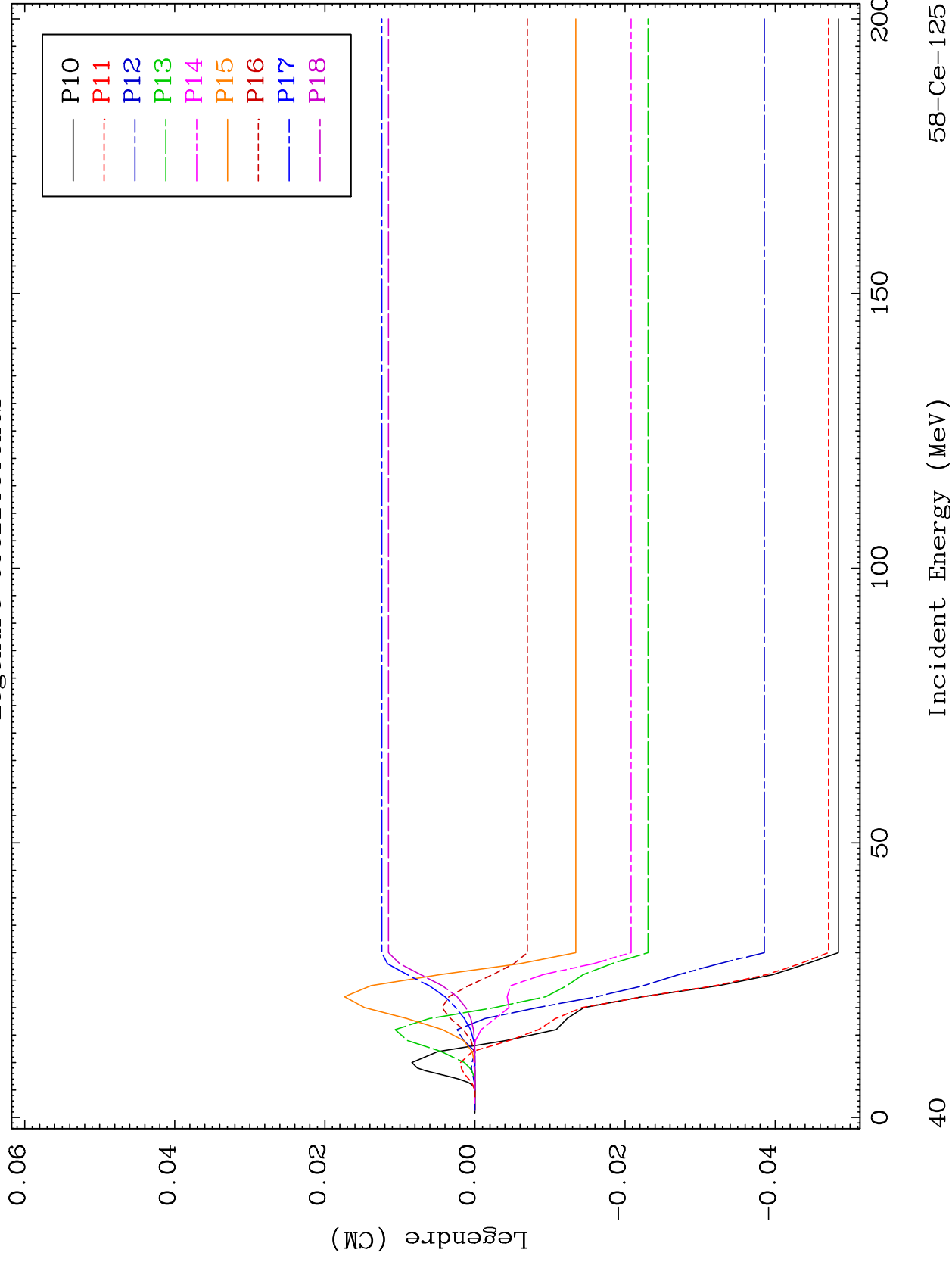
Incident Energy (MeV)

39

MAT 5792

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

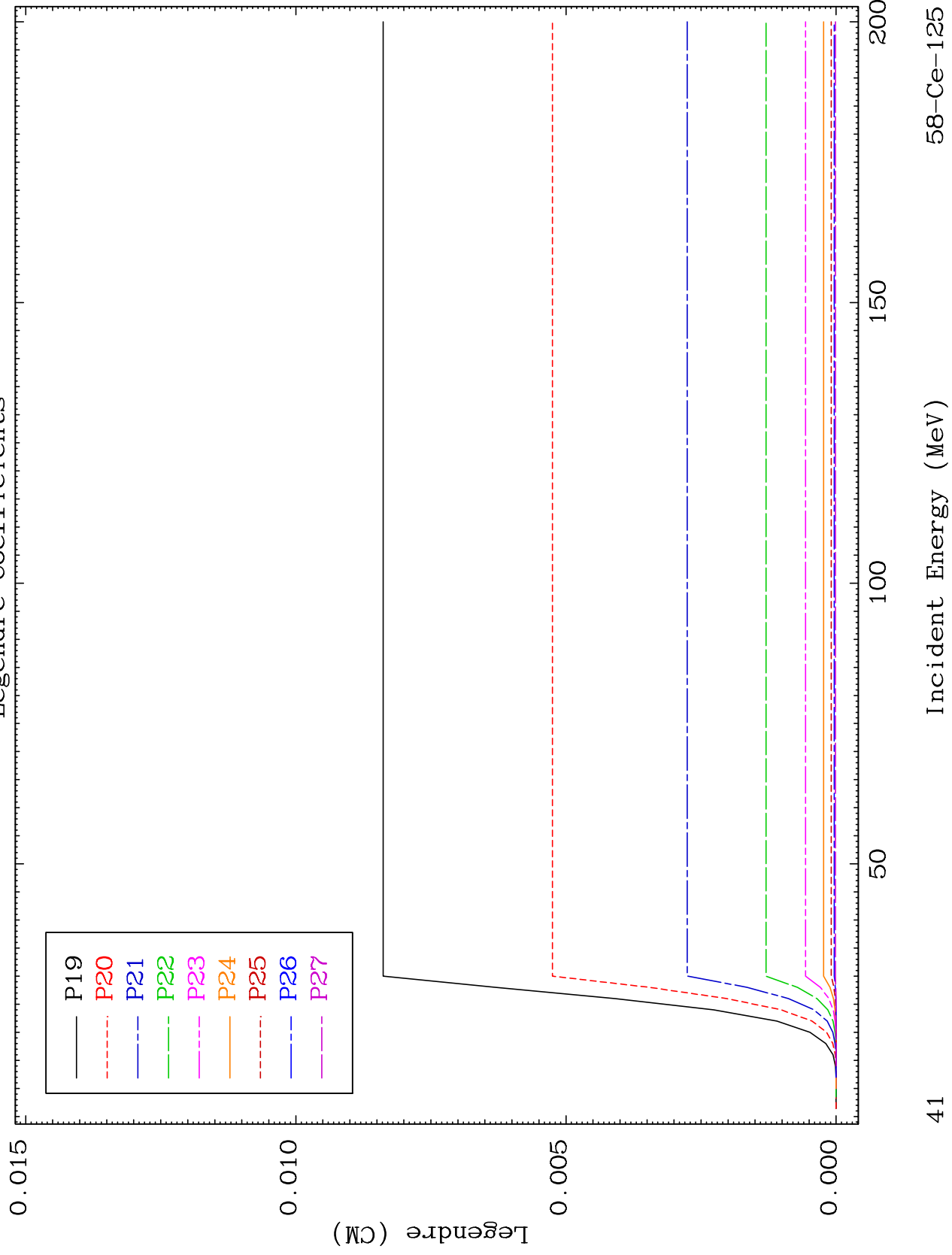
58-Ce-125



MAT 5792

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

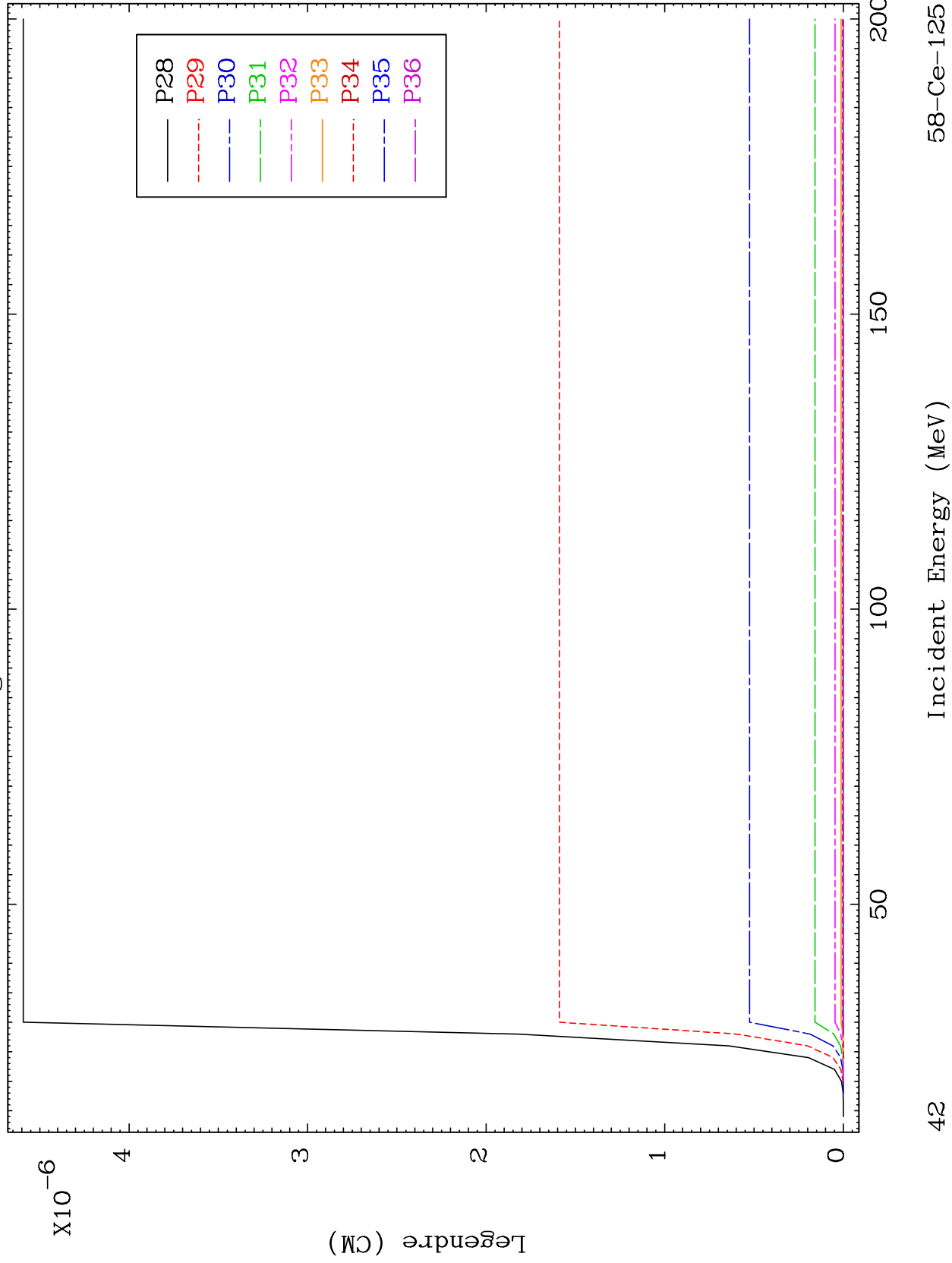
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MAT 5792

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

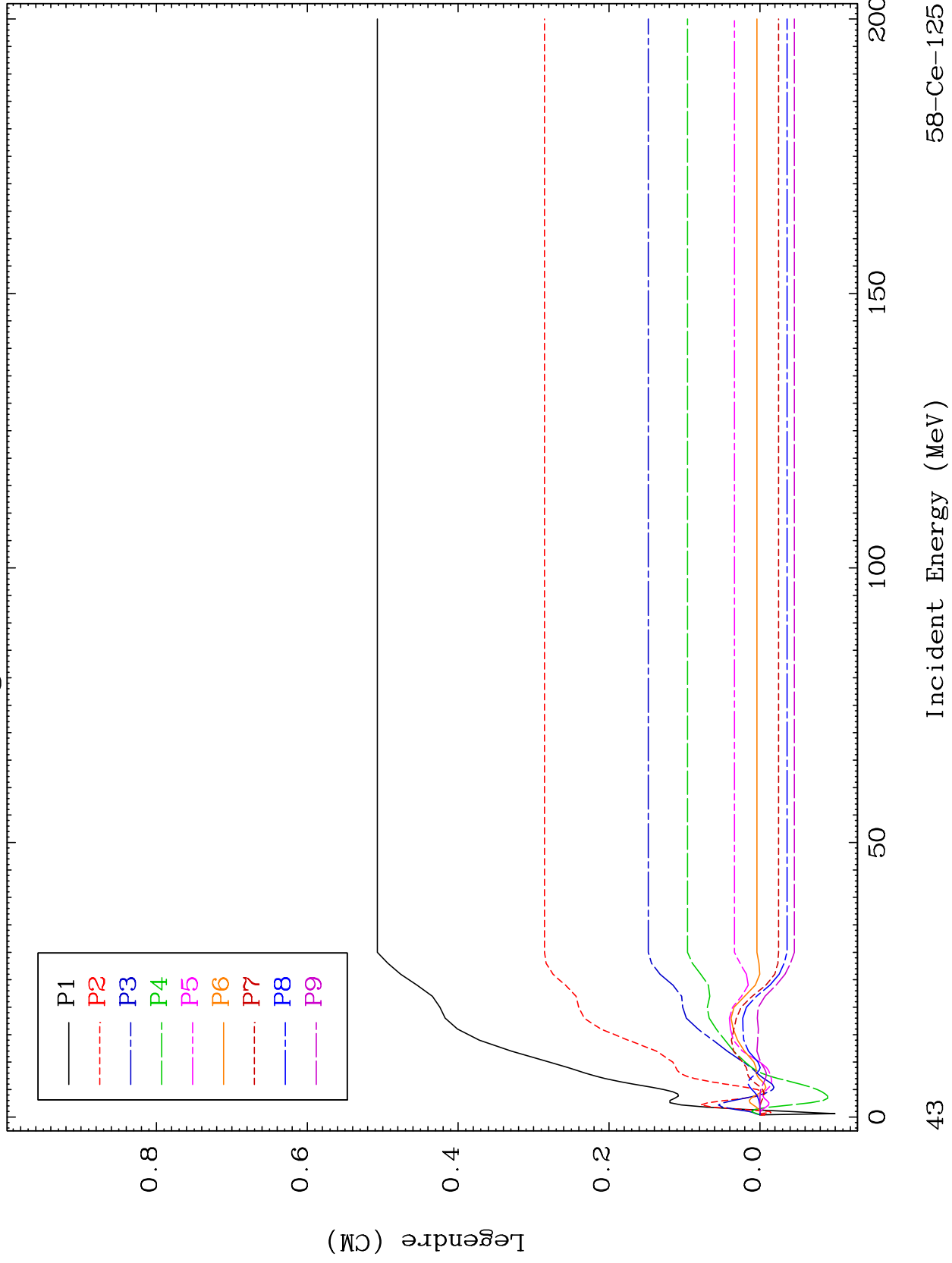
58-Ce-125



MAT 5792

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

58-Ce-125



58-Ce-125

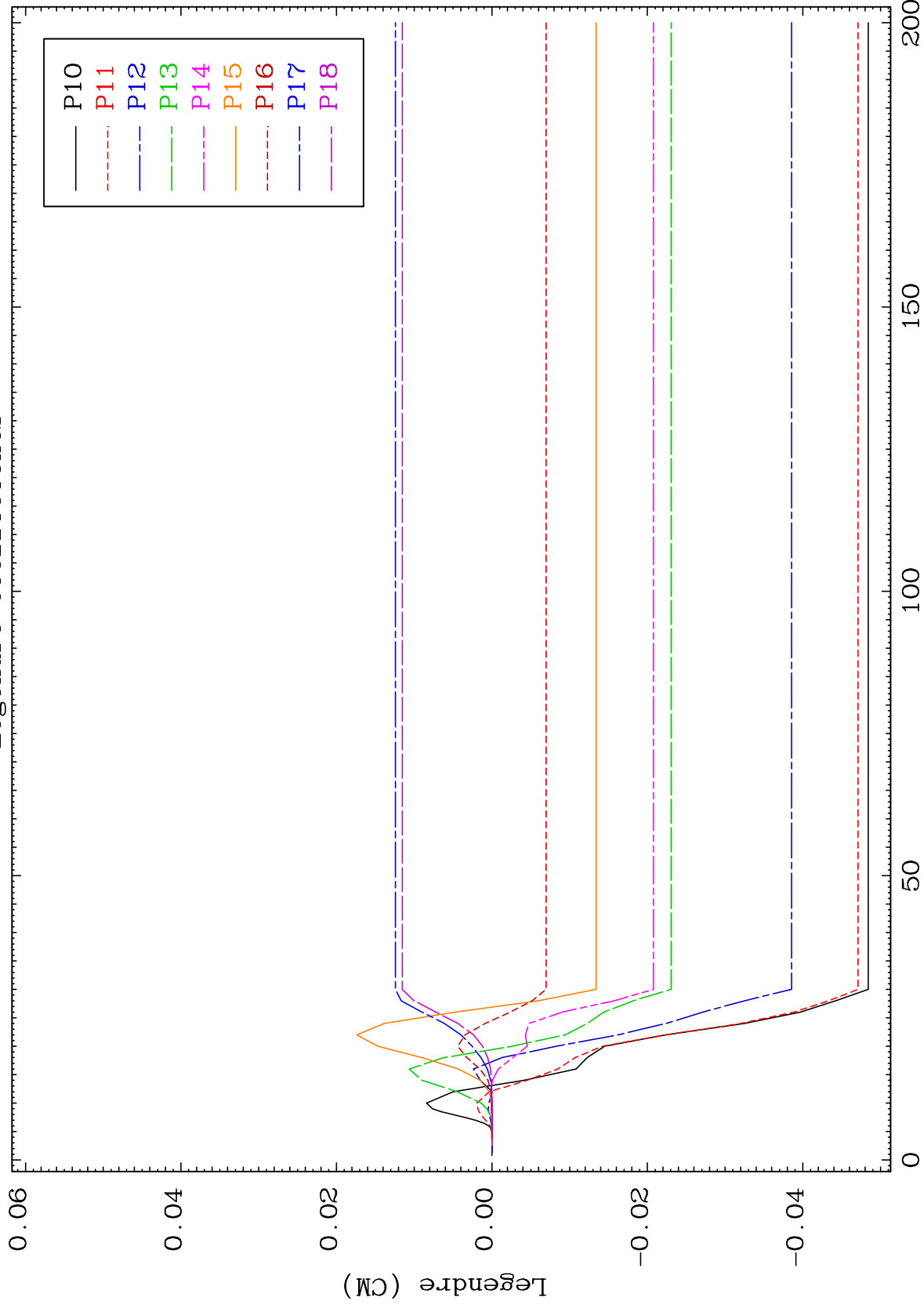
Incident Energy (MeV)

43

MAT 5792

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

58-Ce-125



44

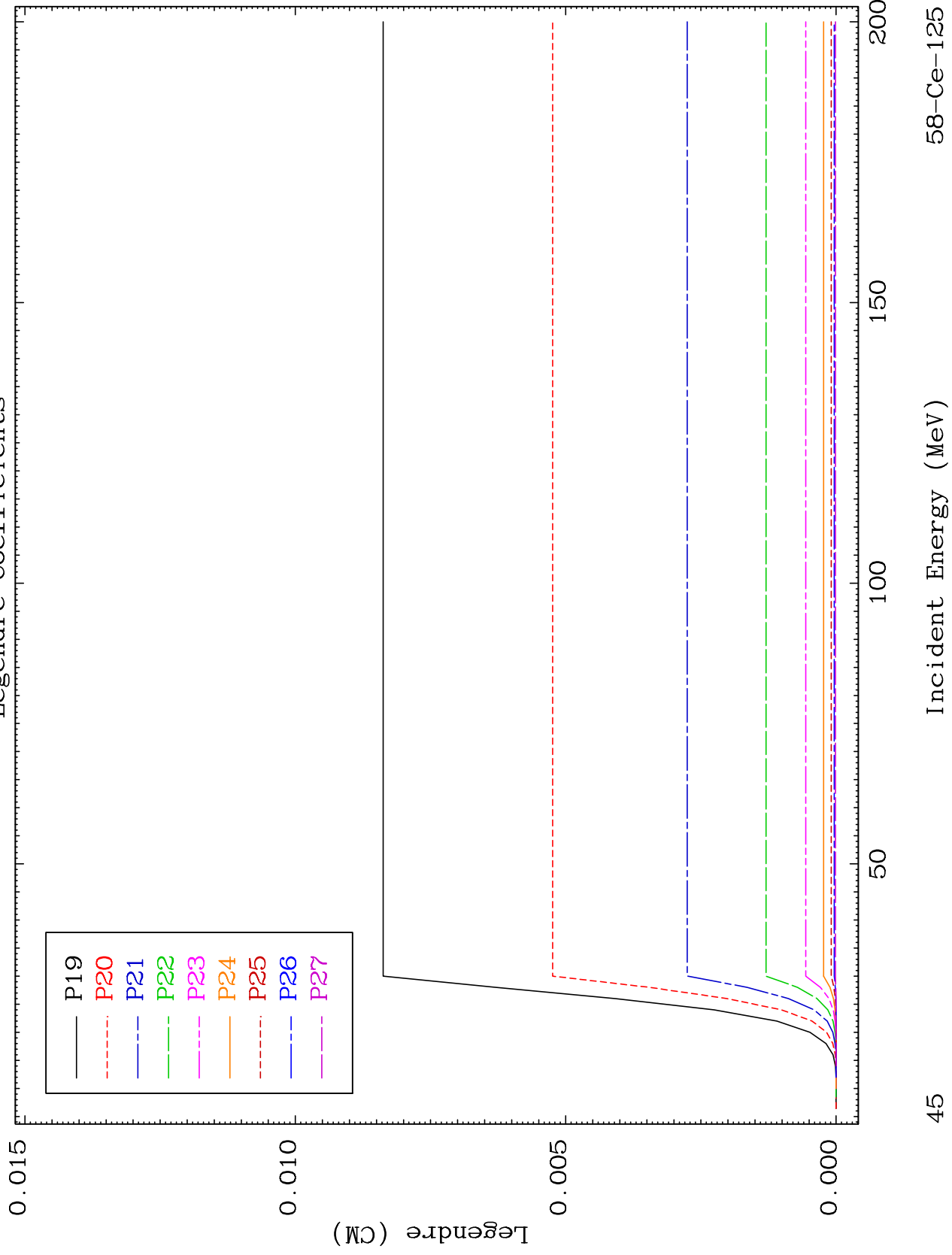
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



45

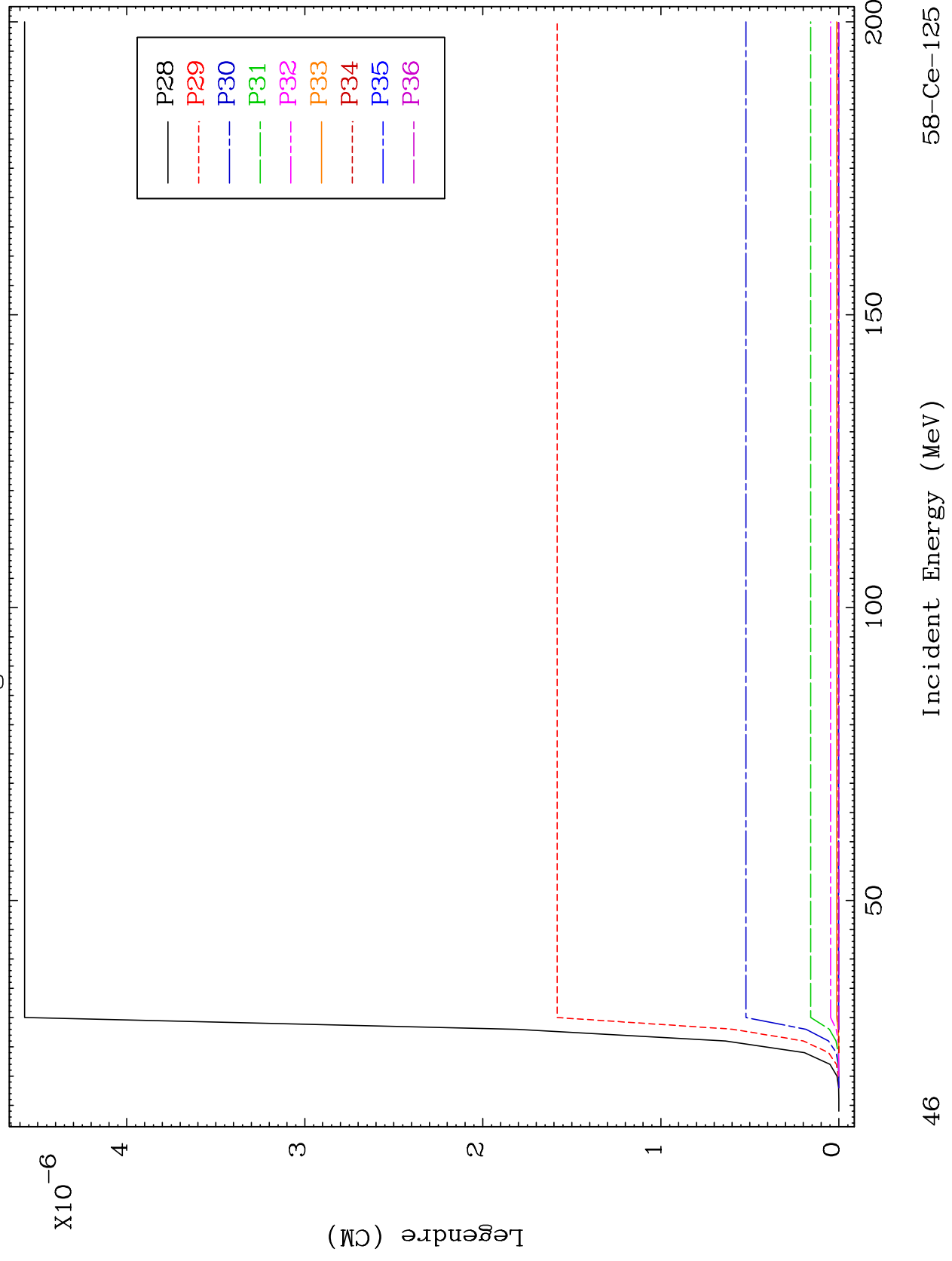
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



46

50

100

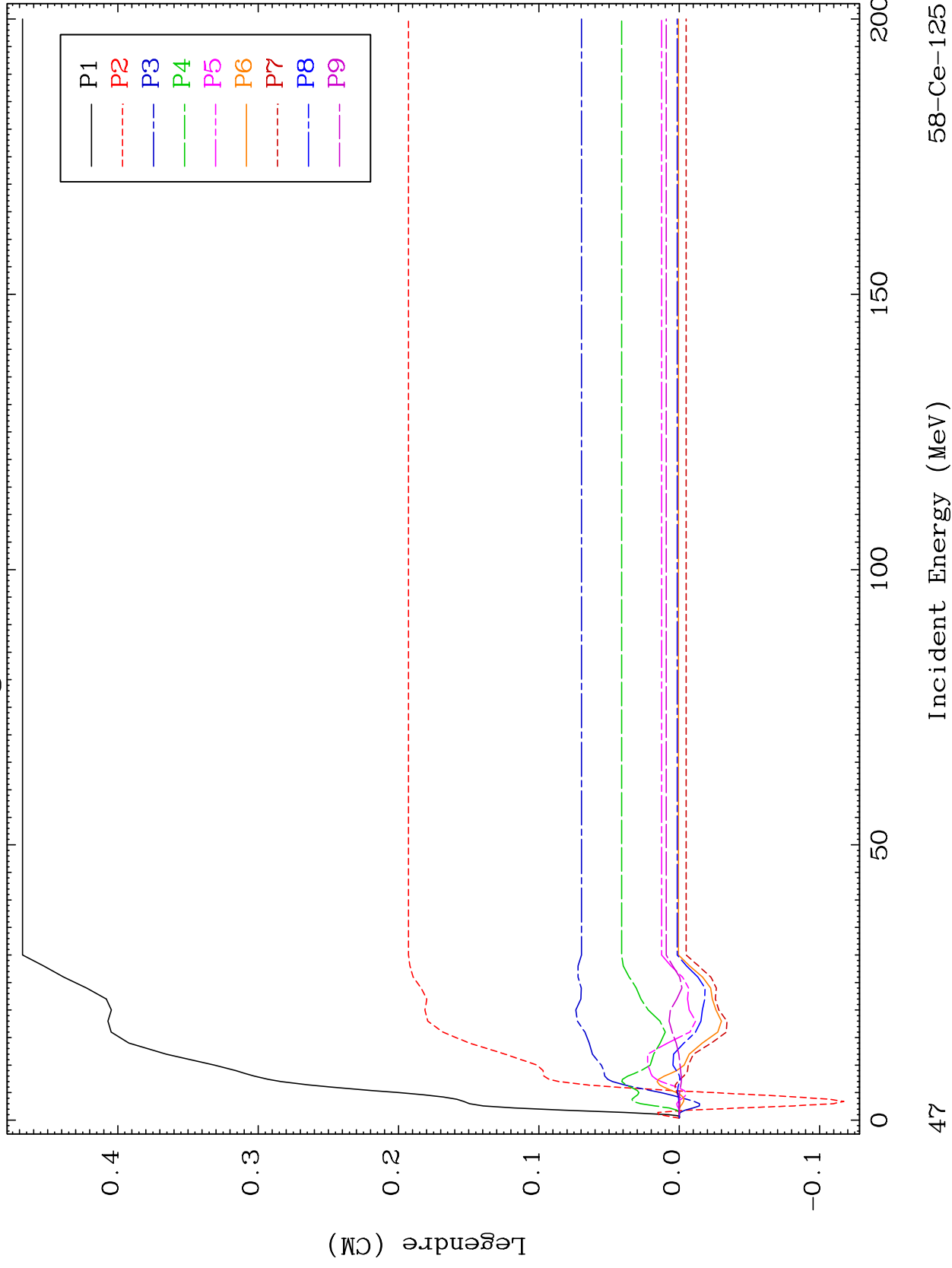
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200

MAT 5792

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

58-Ce-125



58-Ce-125

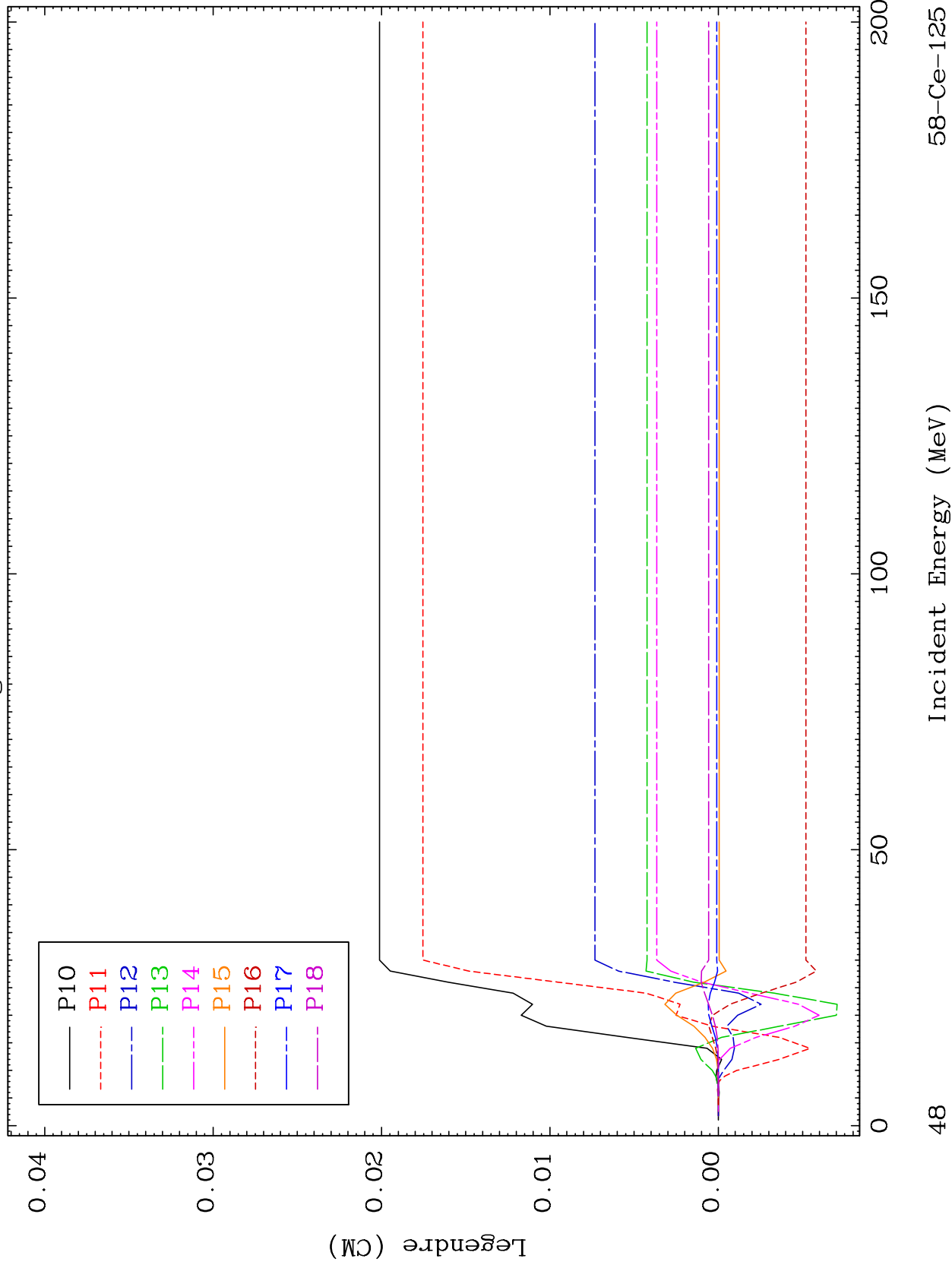
Incident Energy (MeV)

47

MAT 5792

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

58-Ce-125



58-Ce-125

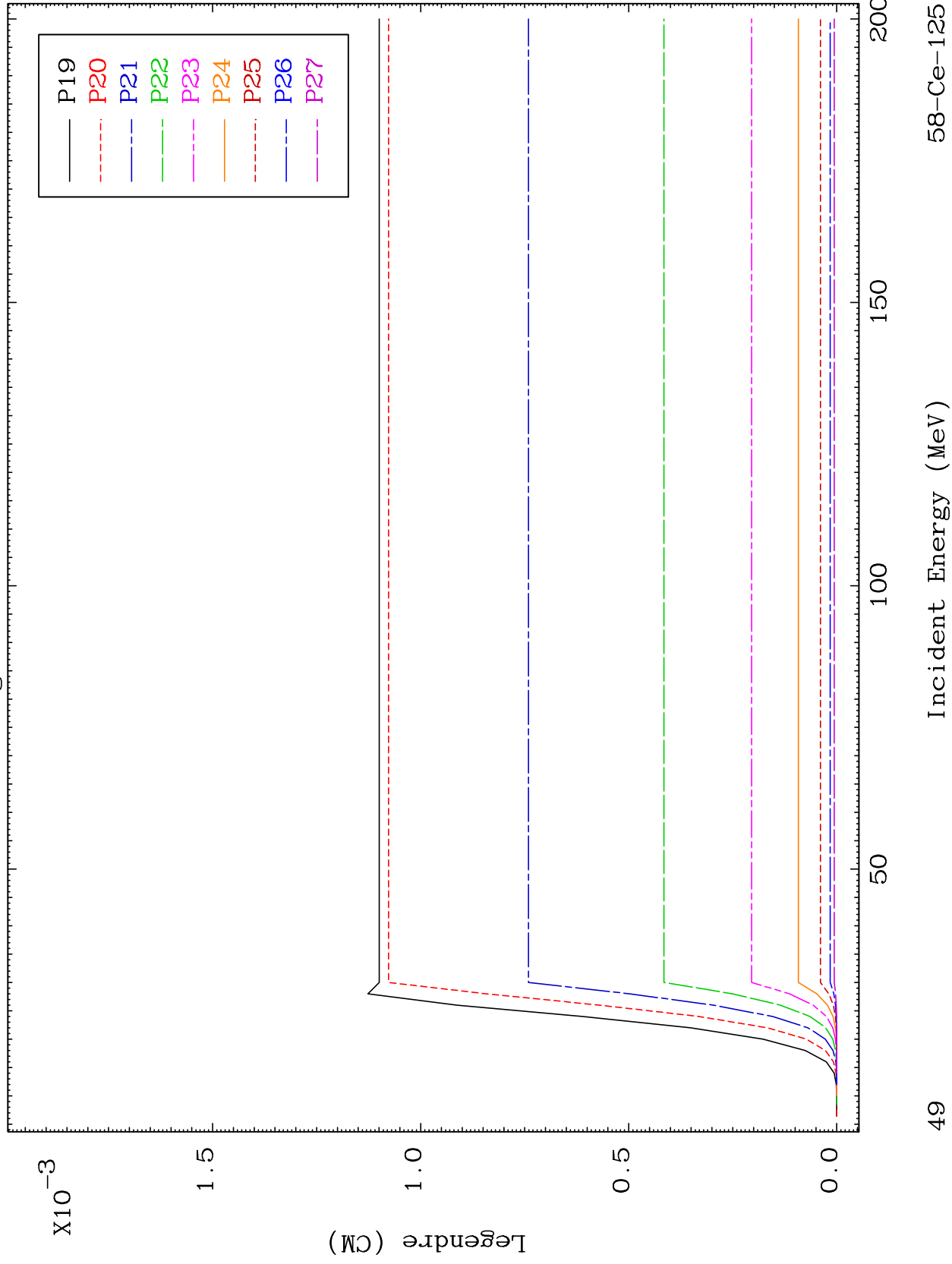
Incident Energy (MeV)

48

MAT 5792

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

58-Ce-125



49

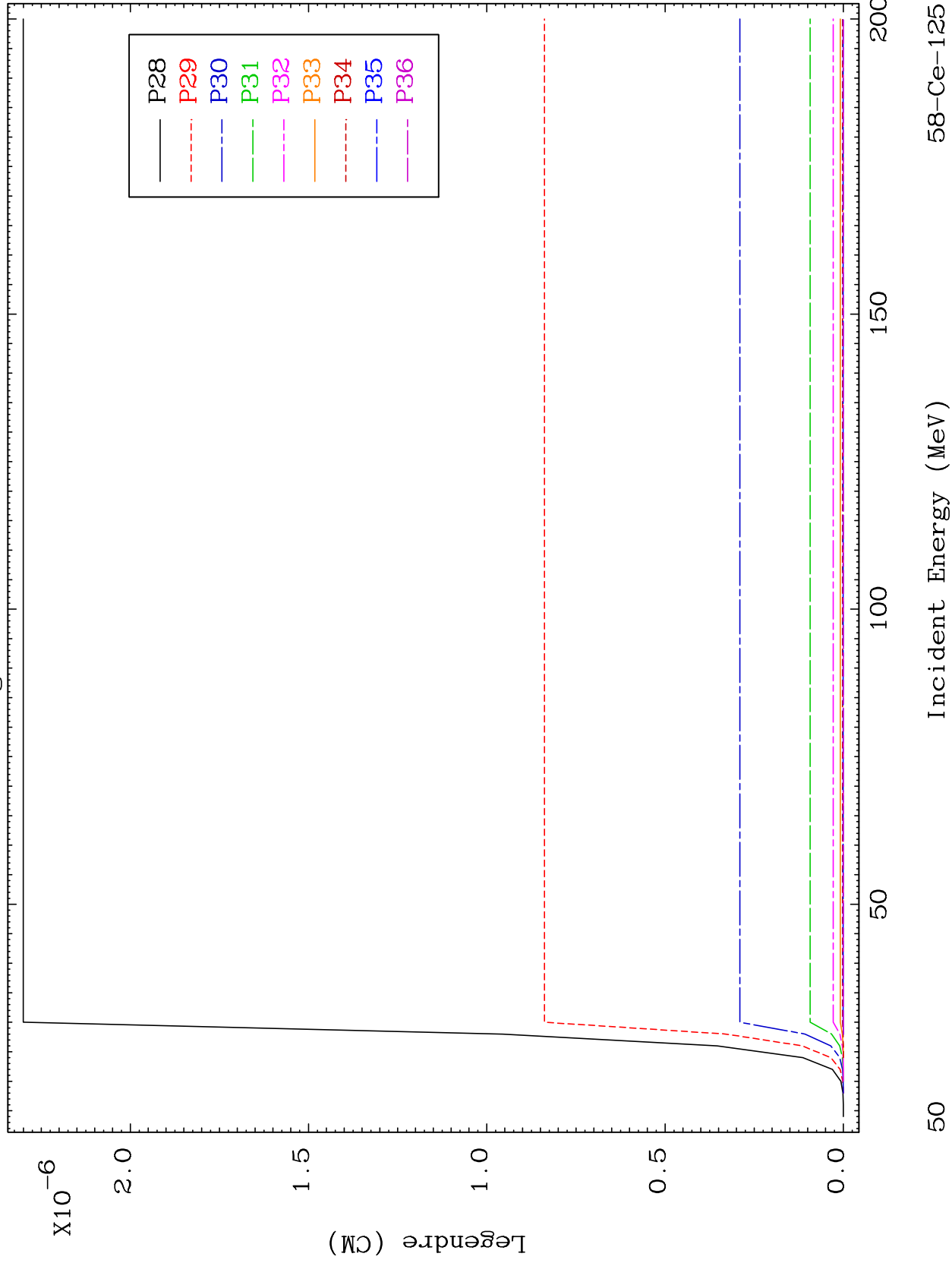
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

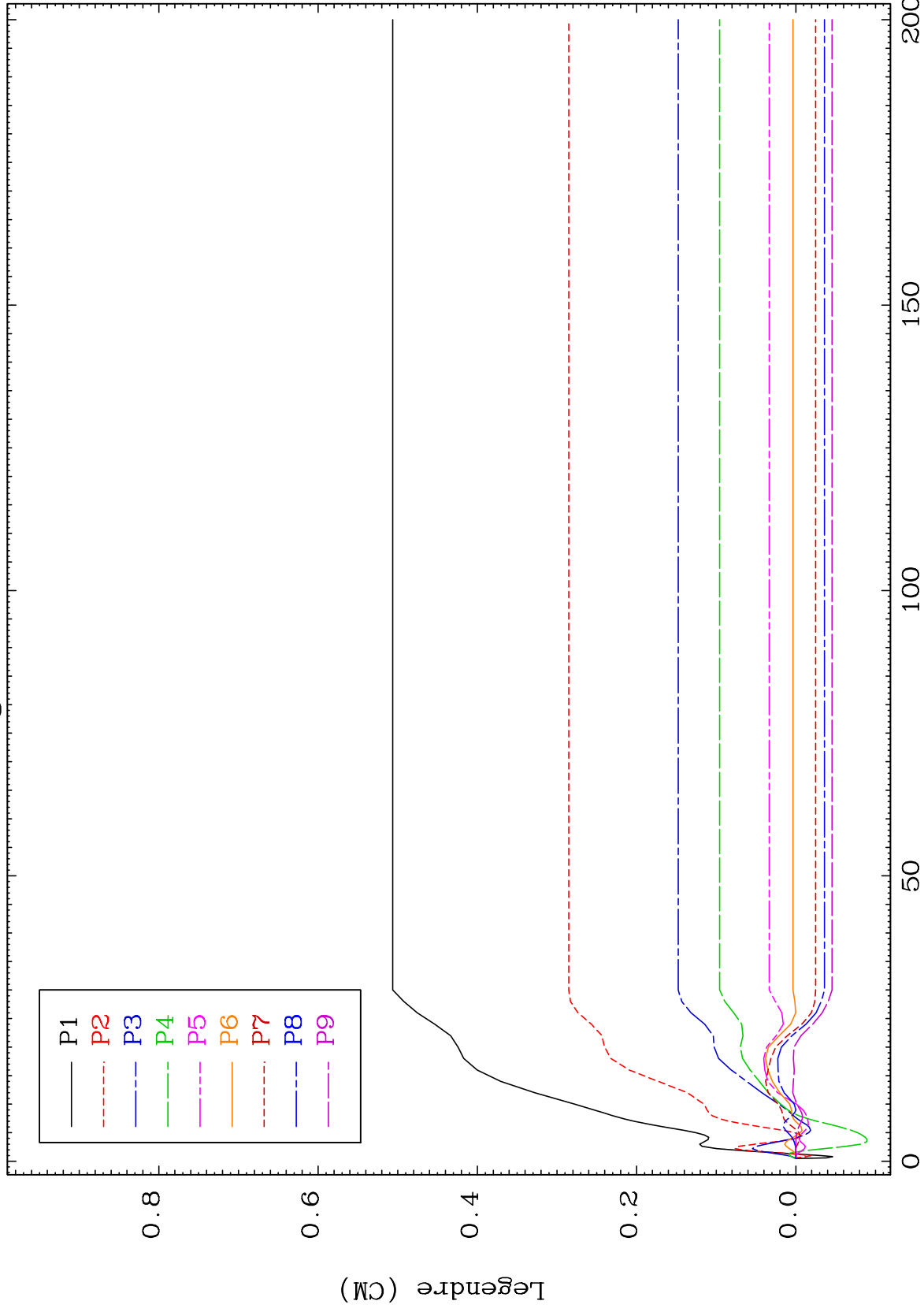
58-Ce-125



MAT 5792

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

58-Ce-125



51

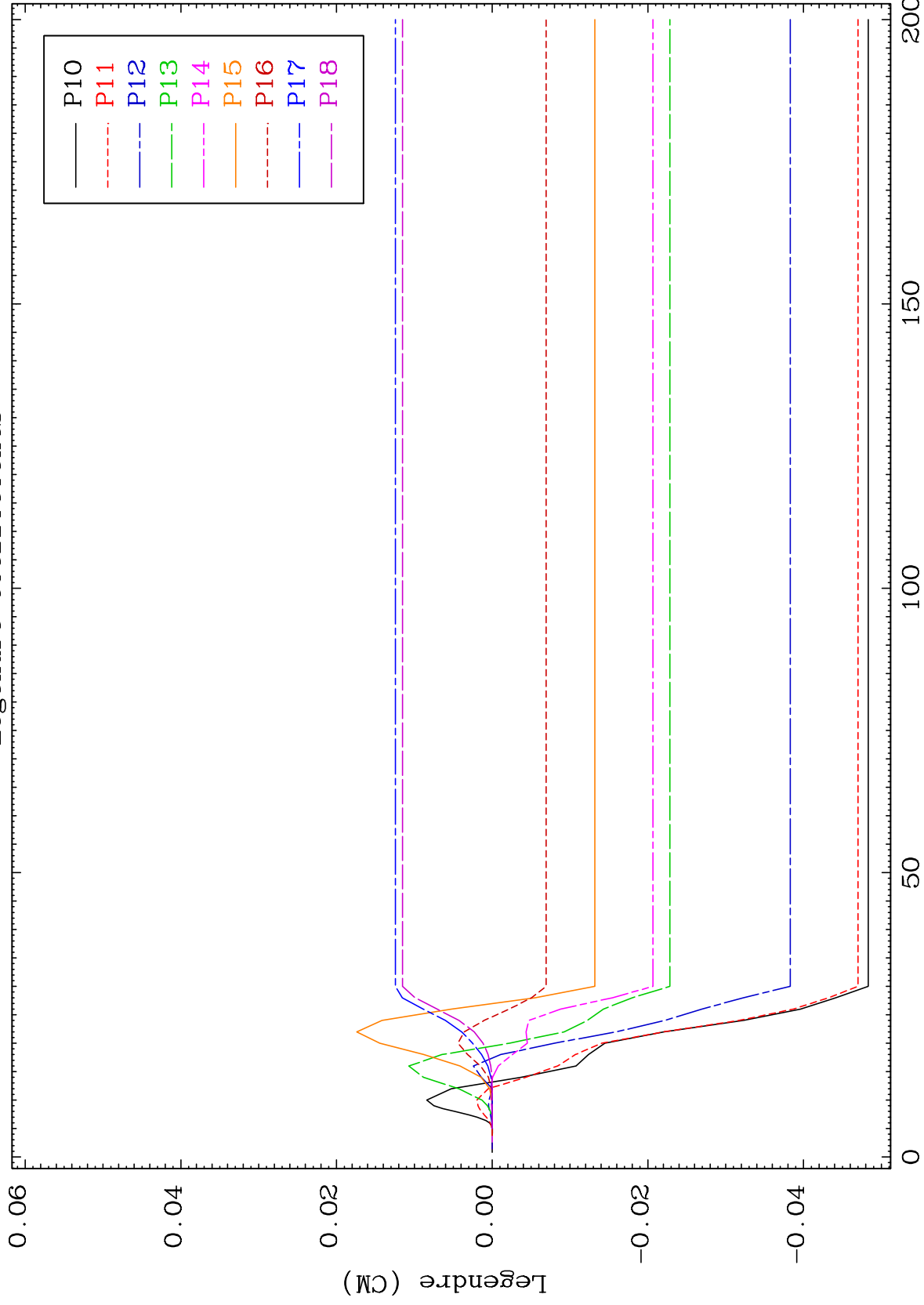
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



52

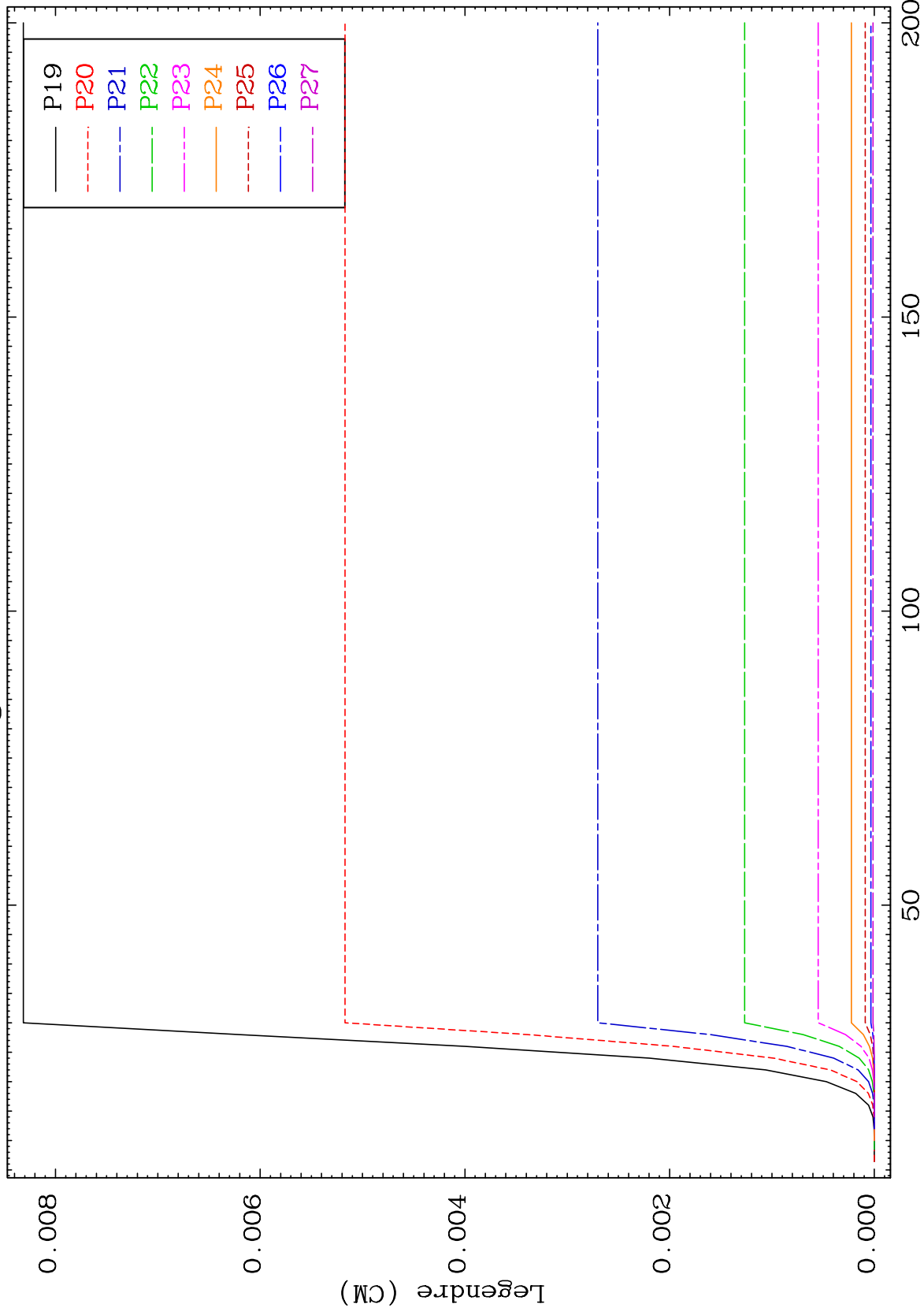
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



53

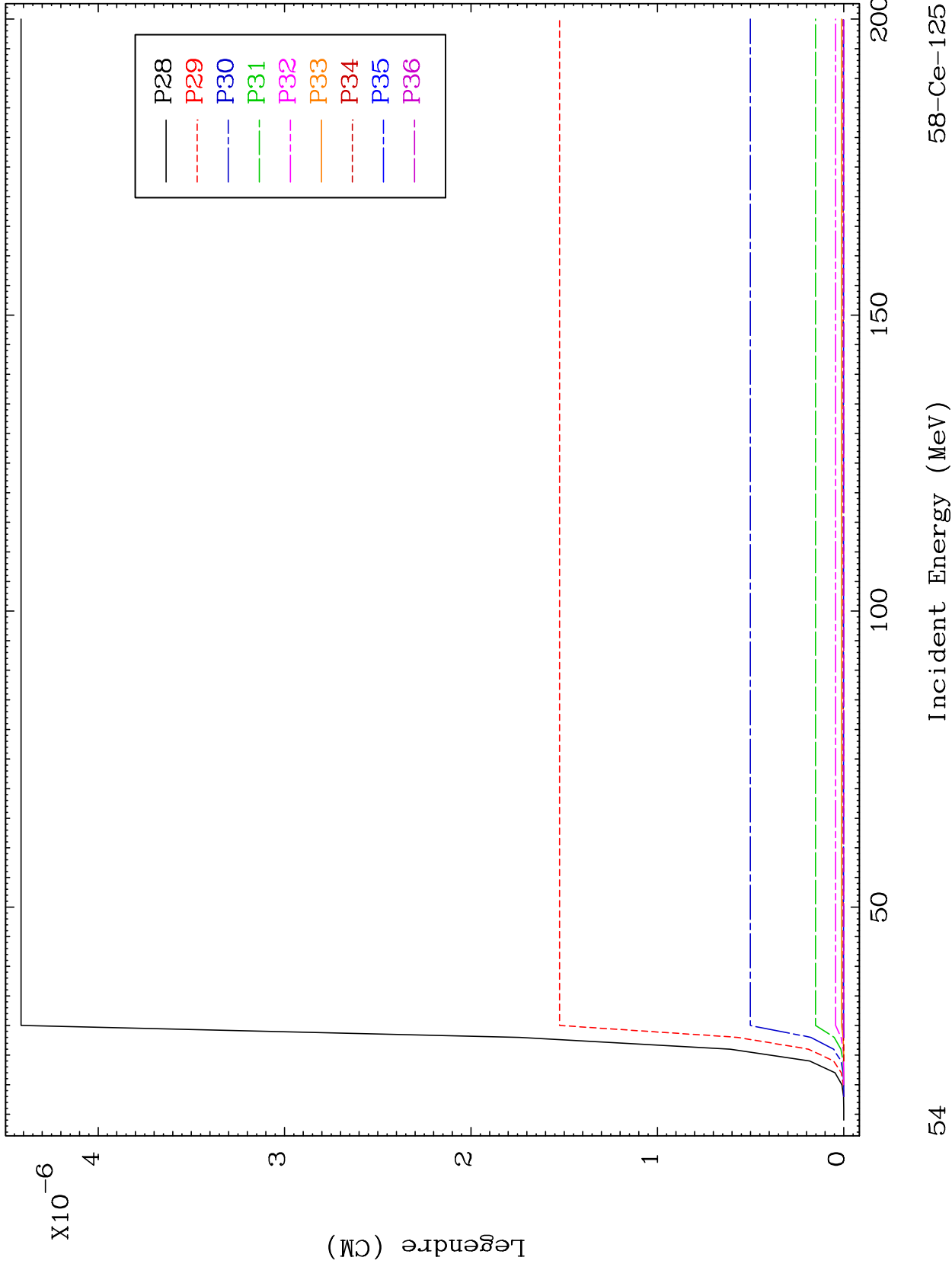
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



54

Incident Energy (MeV)

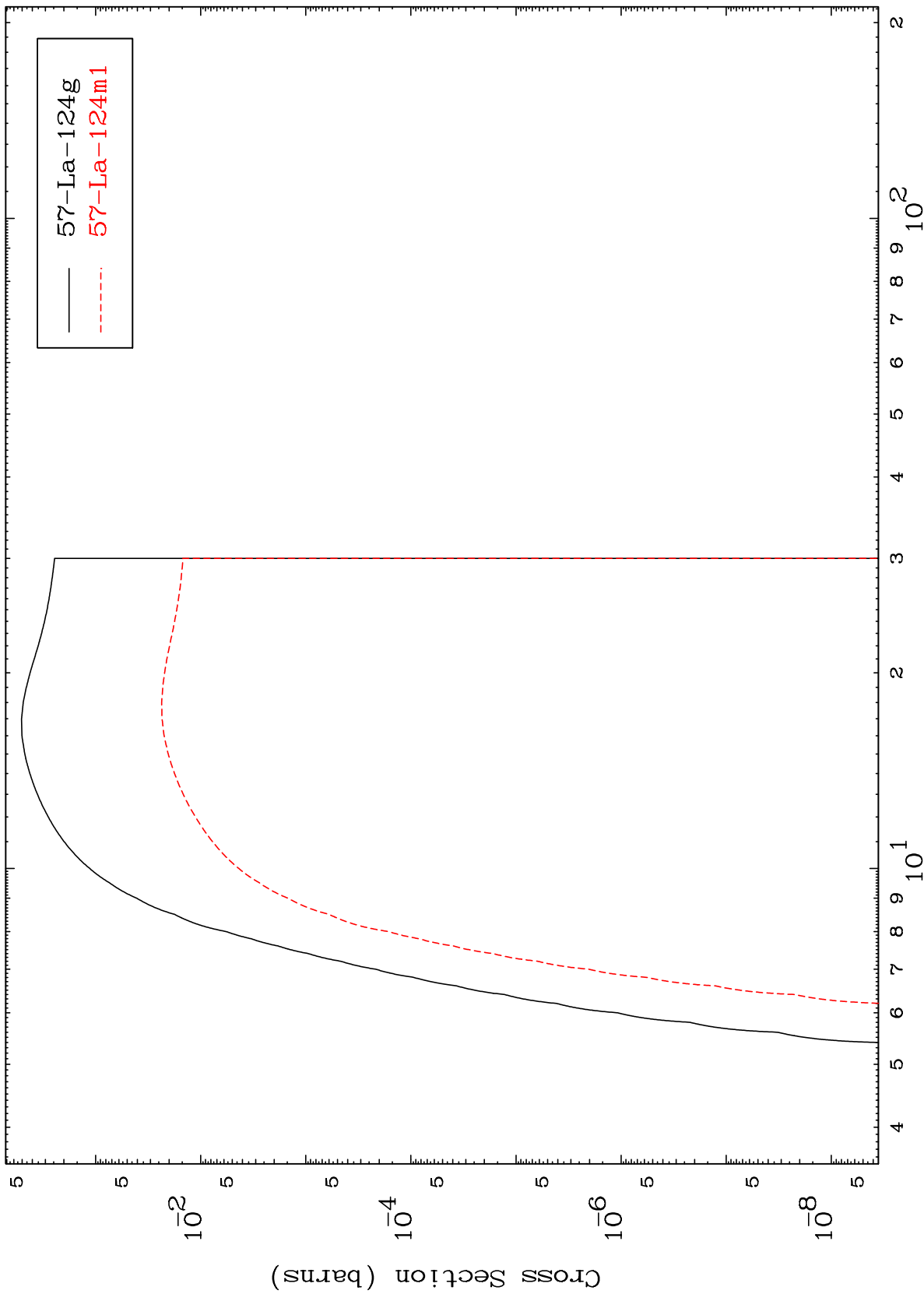
58-Ce-125

MAT 5792

(n,n') p

58-Ce-125

Radionuclide Production Cross Section

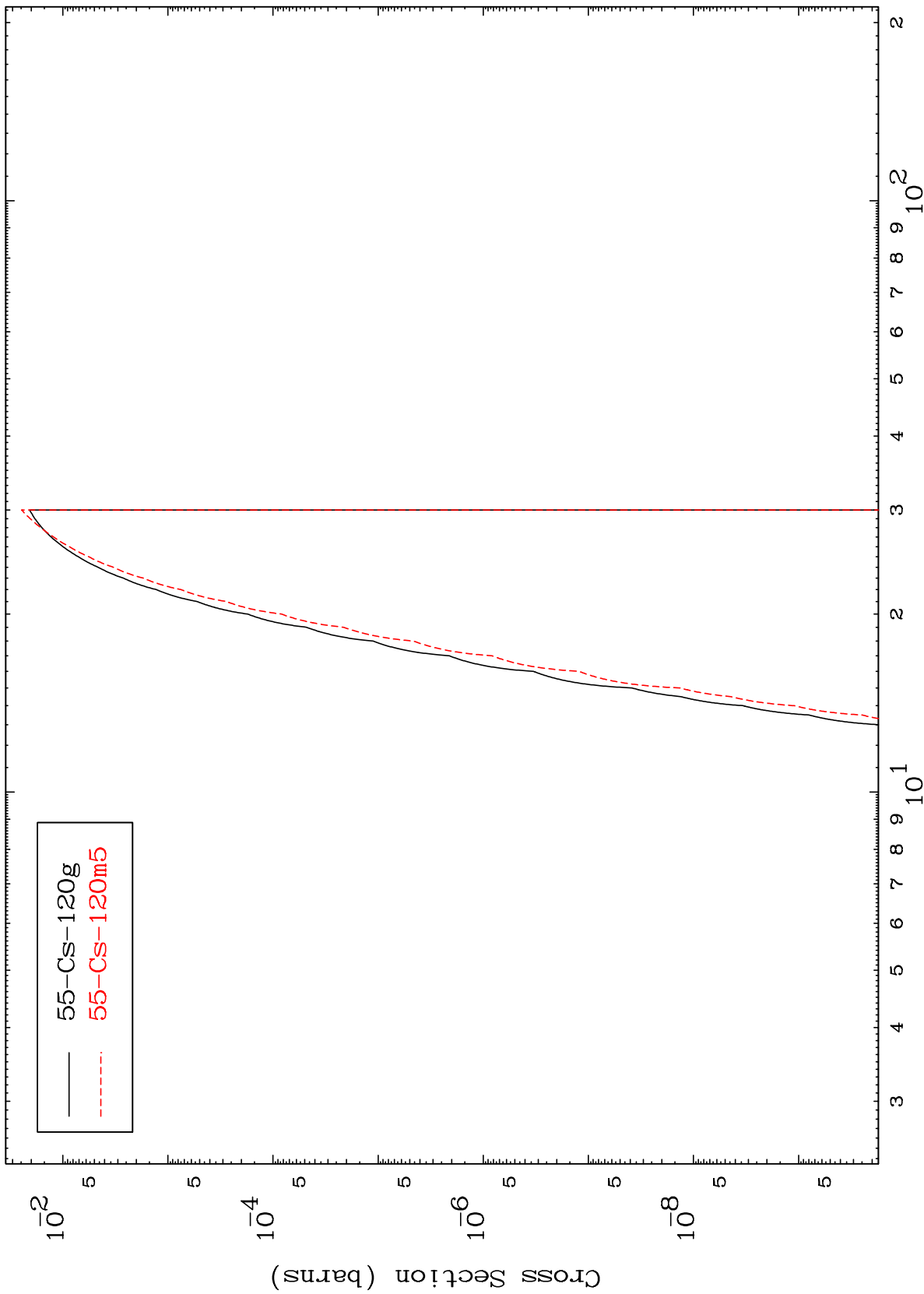


55

Incident Energy (MeV)

58-Ce-125

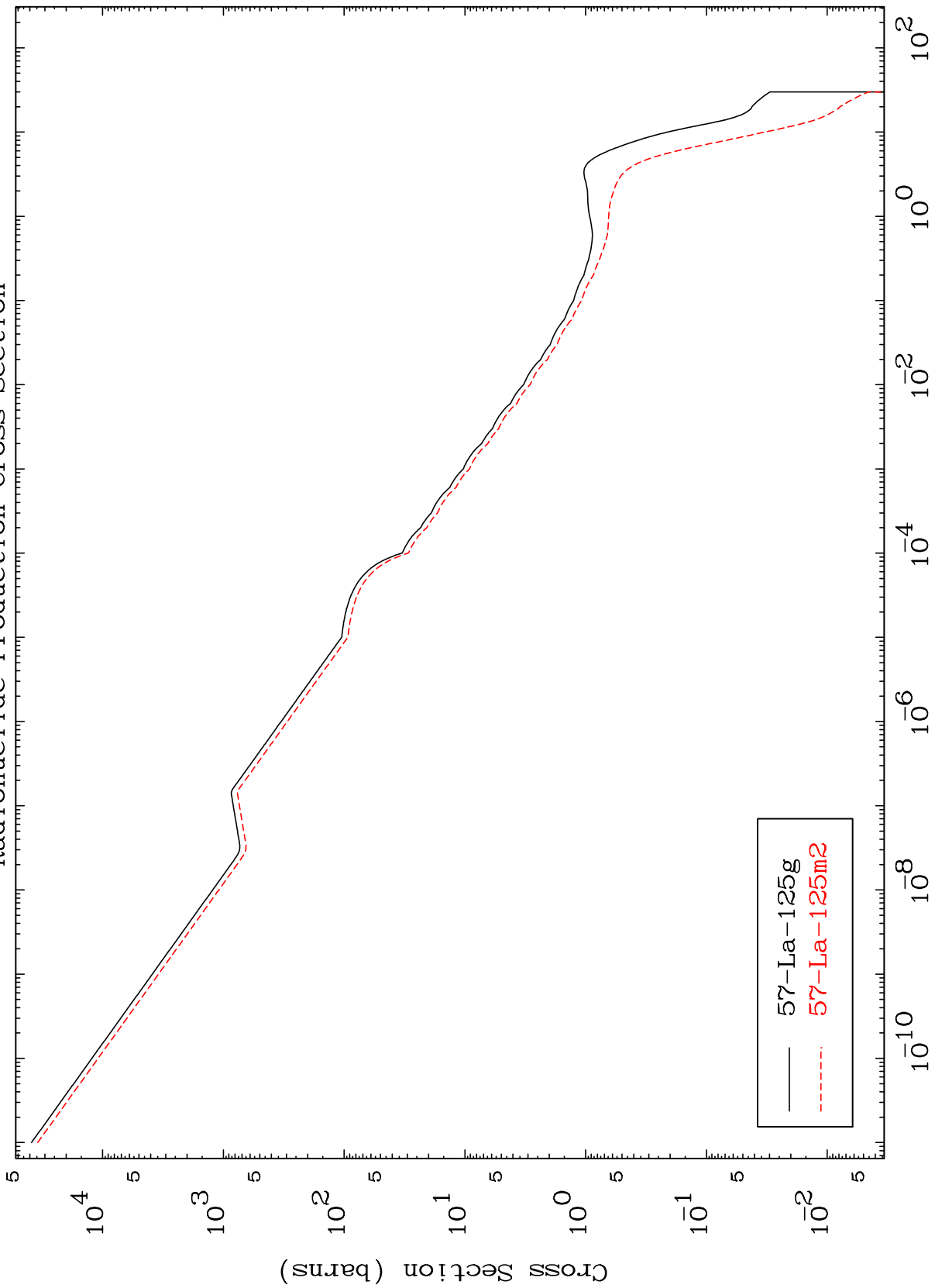
(n,n') p α
Radionuclide Production Cross Section



MAT 5792

58-Ce-125

(n,p)
Radionuclide Production Cross Section



— 57-La-125g
- - - 57-La-125m2

57

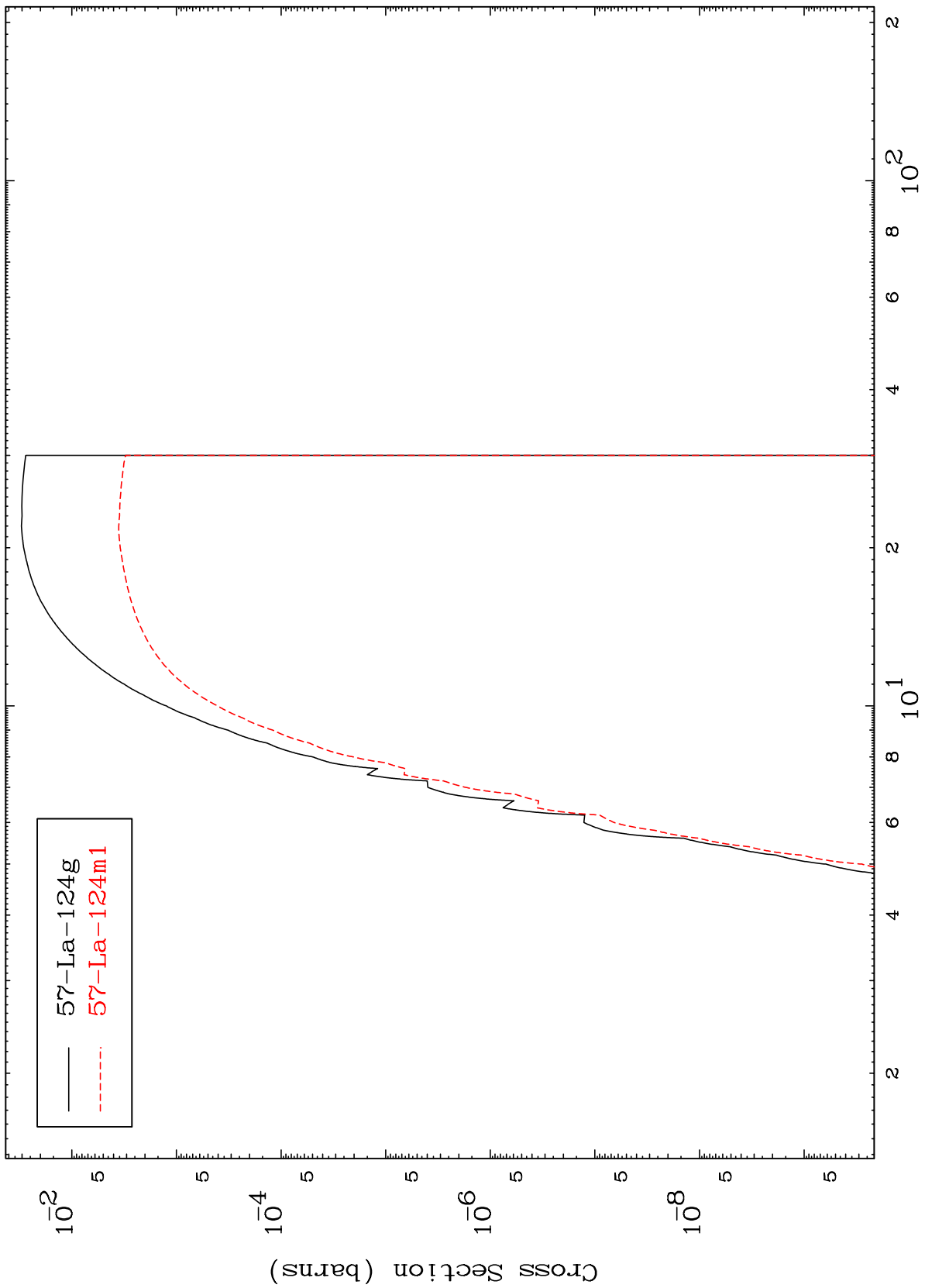
58-Ce-125

Incident Energy (MeV)

MAT 5792

58-Ce-125

(n,d)
Radionuclide Production Cross Section



58

Incident Energy (MeV)

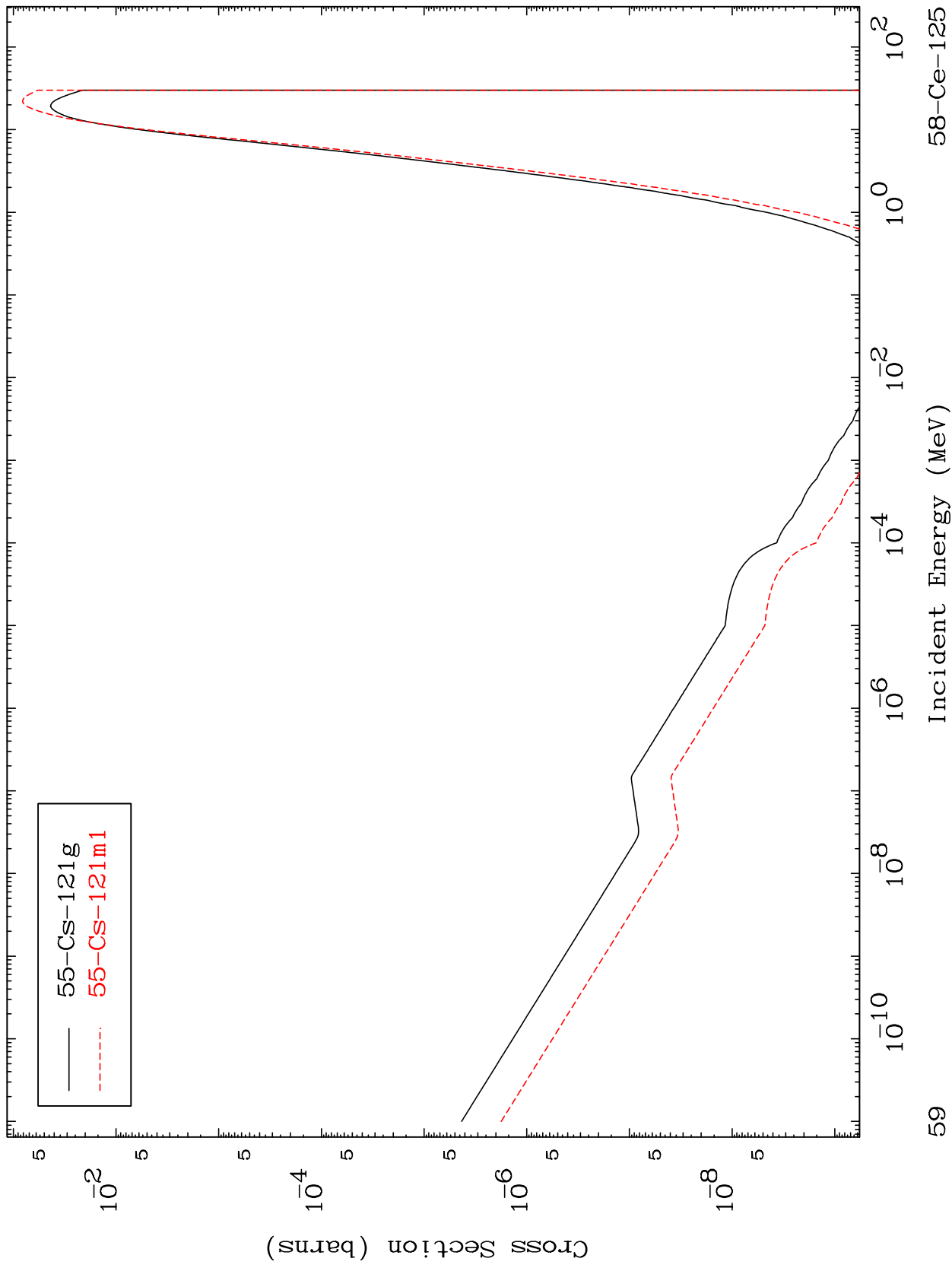
58-Ce-125

MAT 5792

(n,p) α

58-Ce-125

Radionuclide Production Cross Section



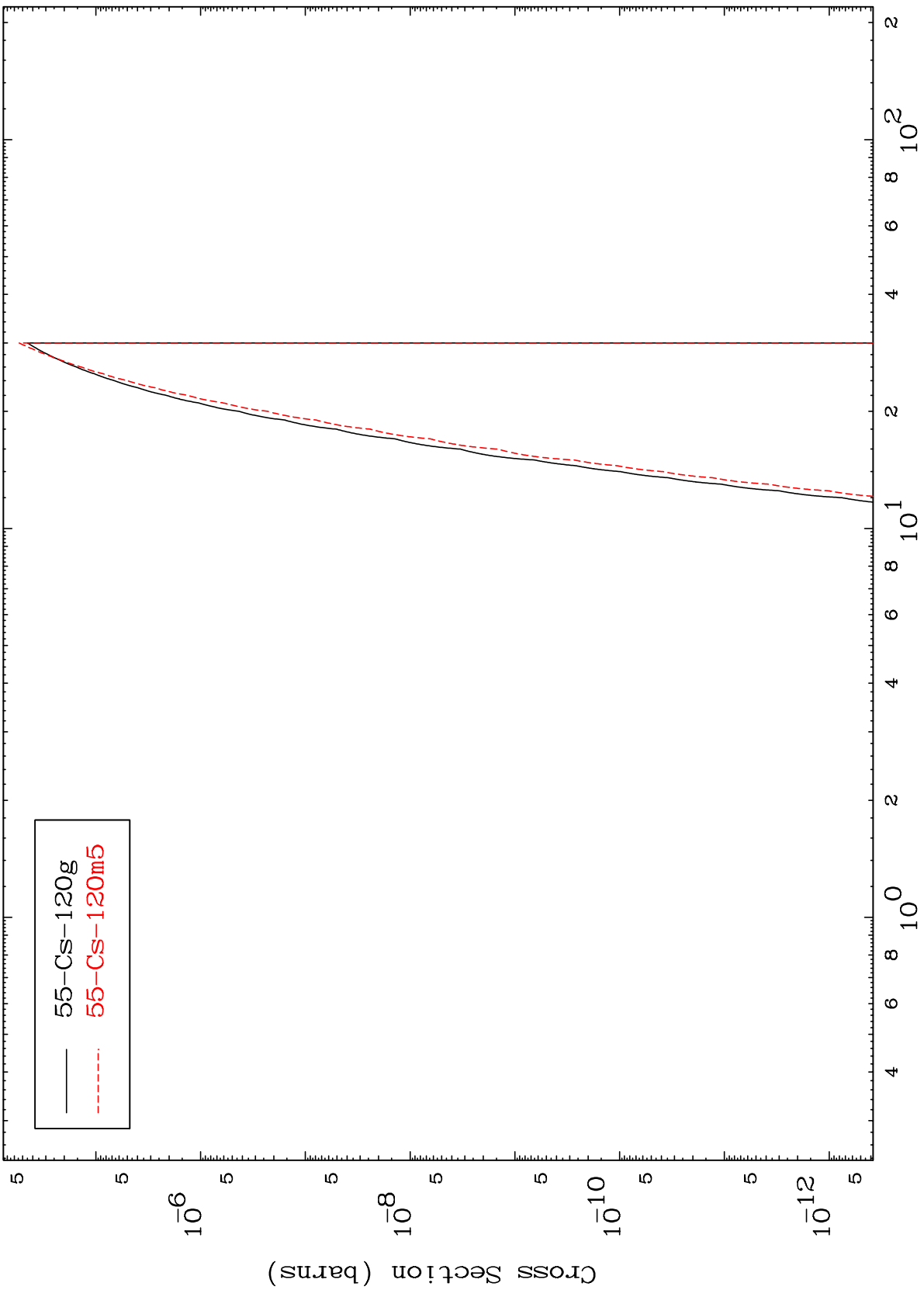
59

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