

Program EVALPLOT
(Version 2018-1)

by

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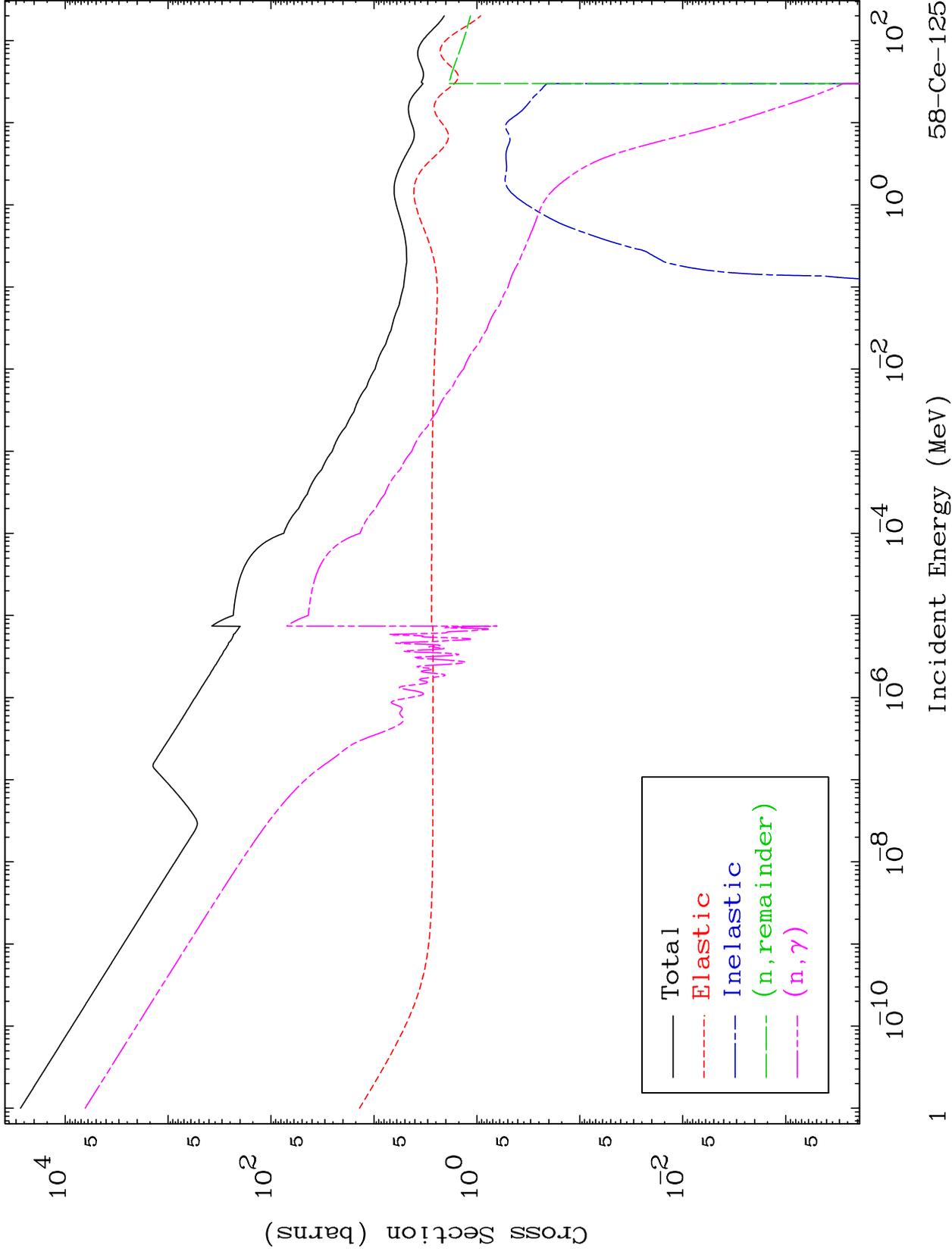
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Press Mouse Button to Start

MAT 5792

Major
293 Kelvin Cross Sections

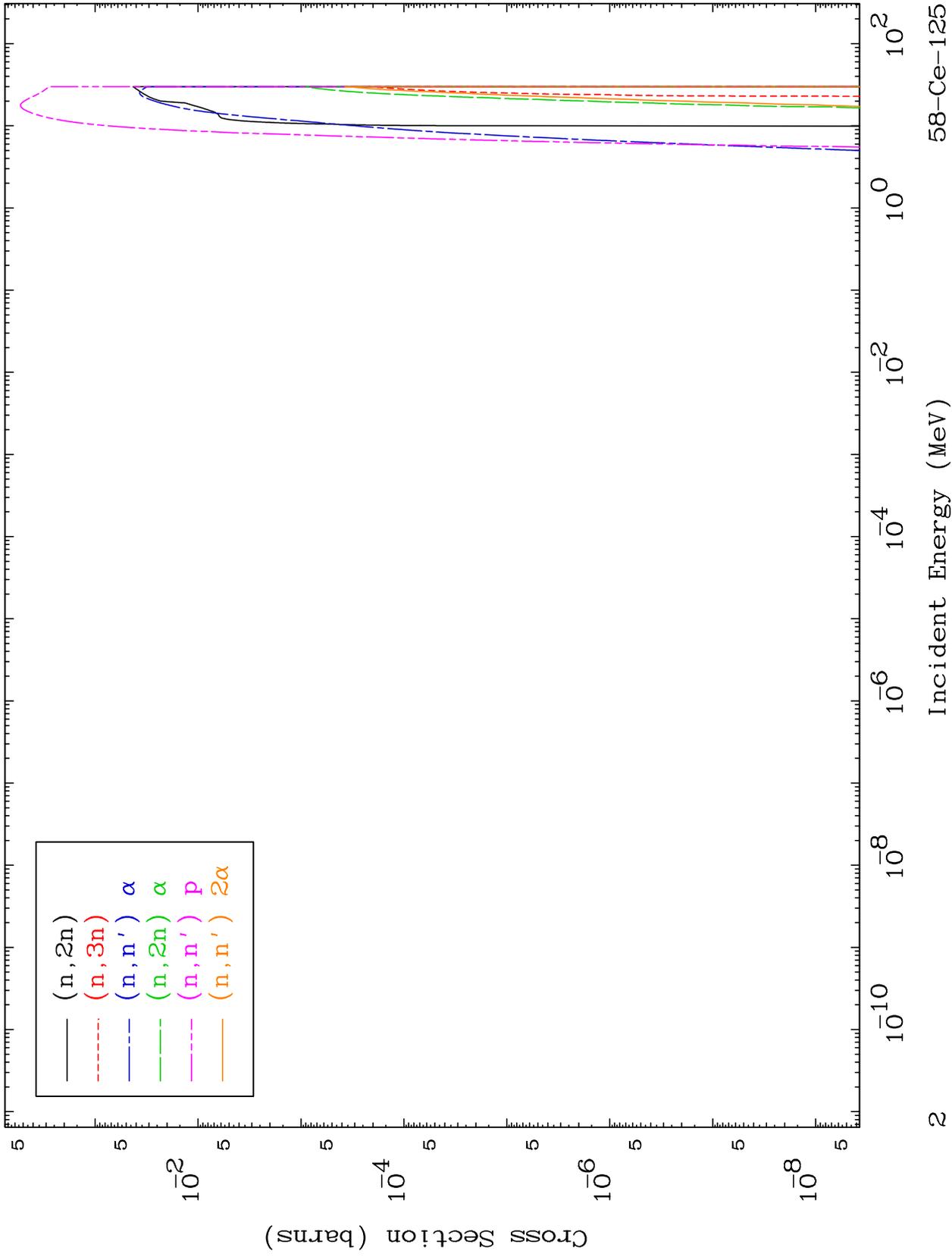
58-Ce-125

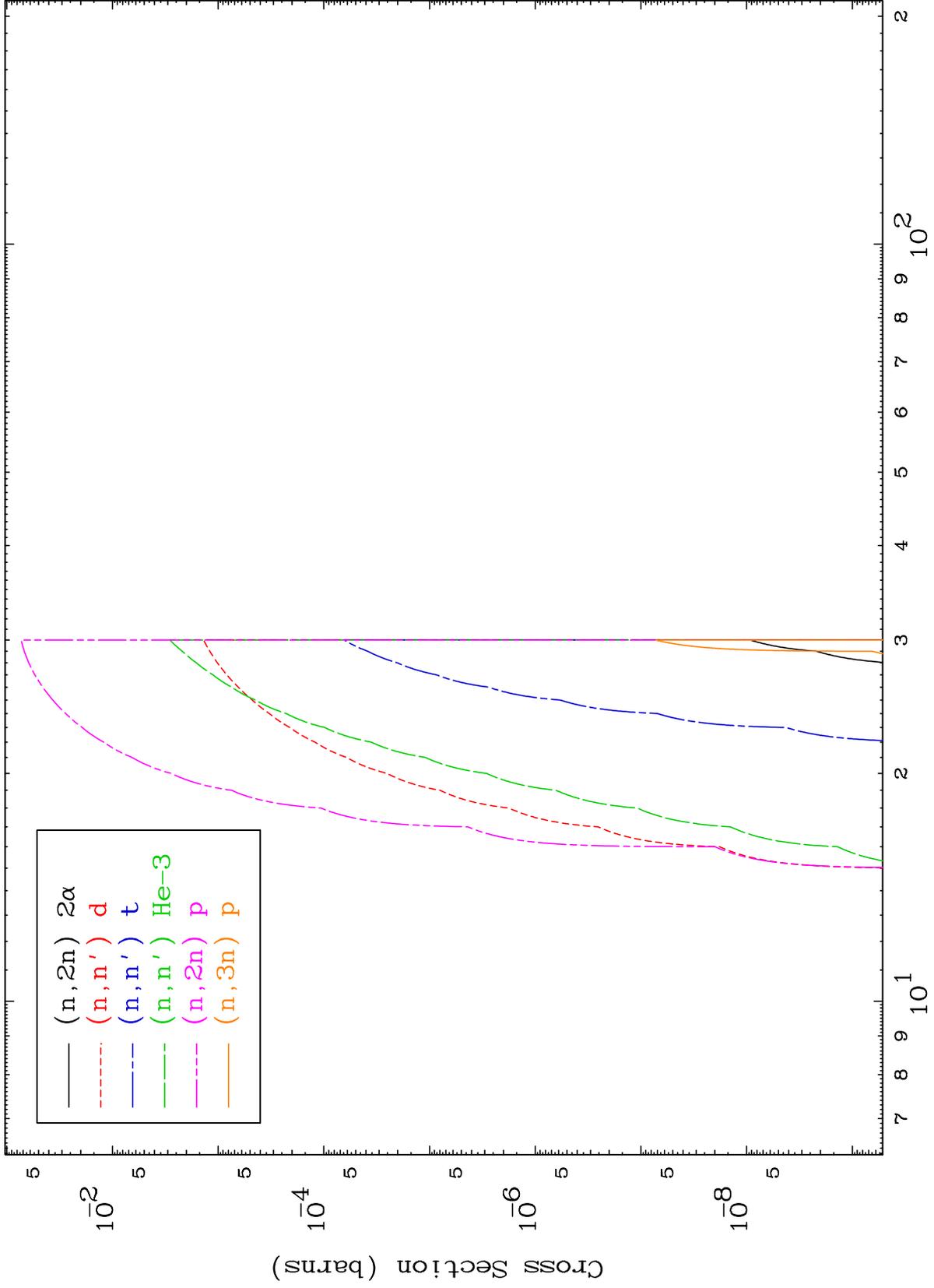


MAT 5792

Neutron Production
293 Kelvin Cross Sections

58-Ce-125

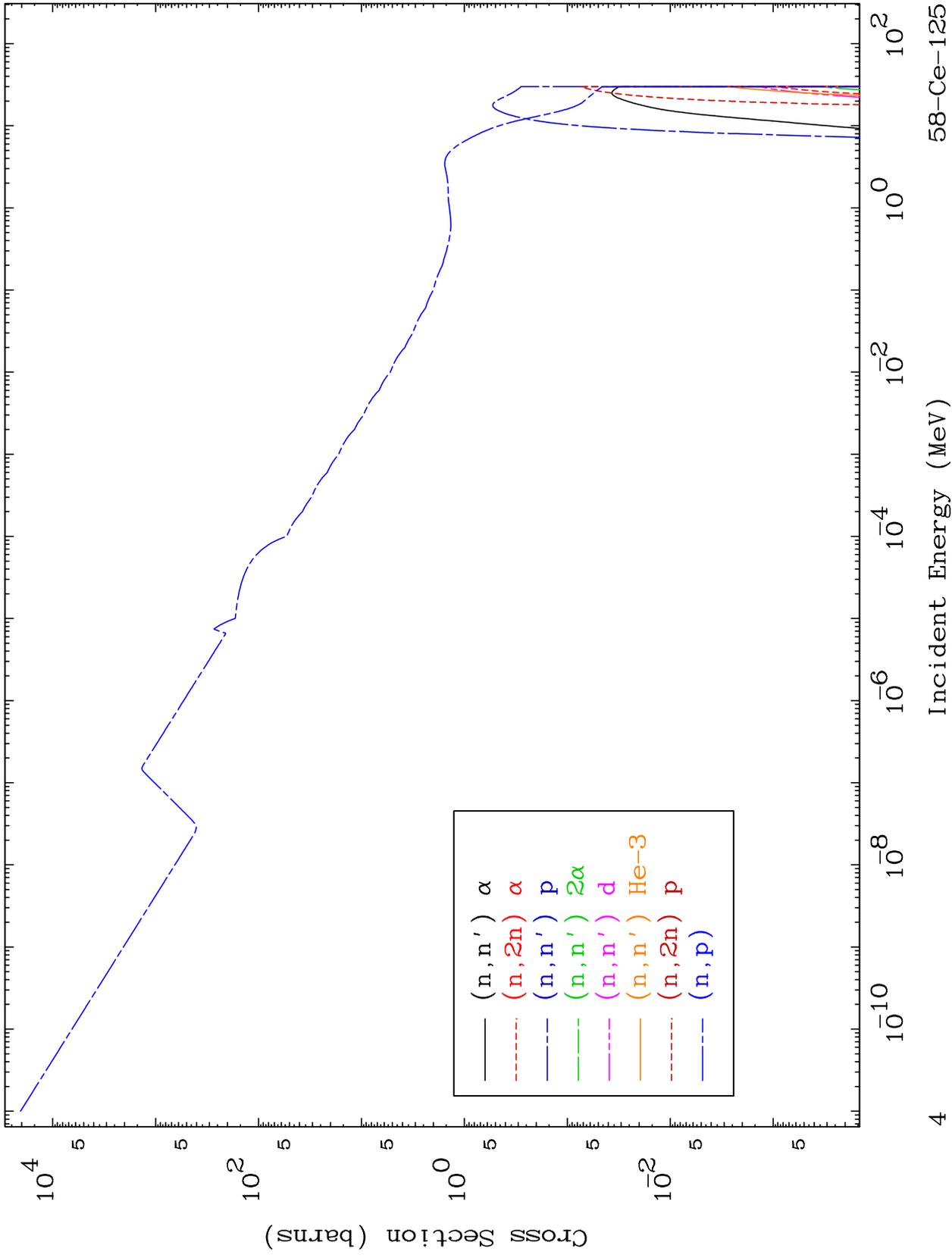




MAT 5792

Charged Particle
293 Kelvin Cross Sections

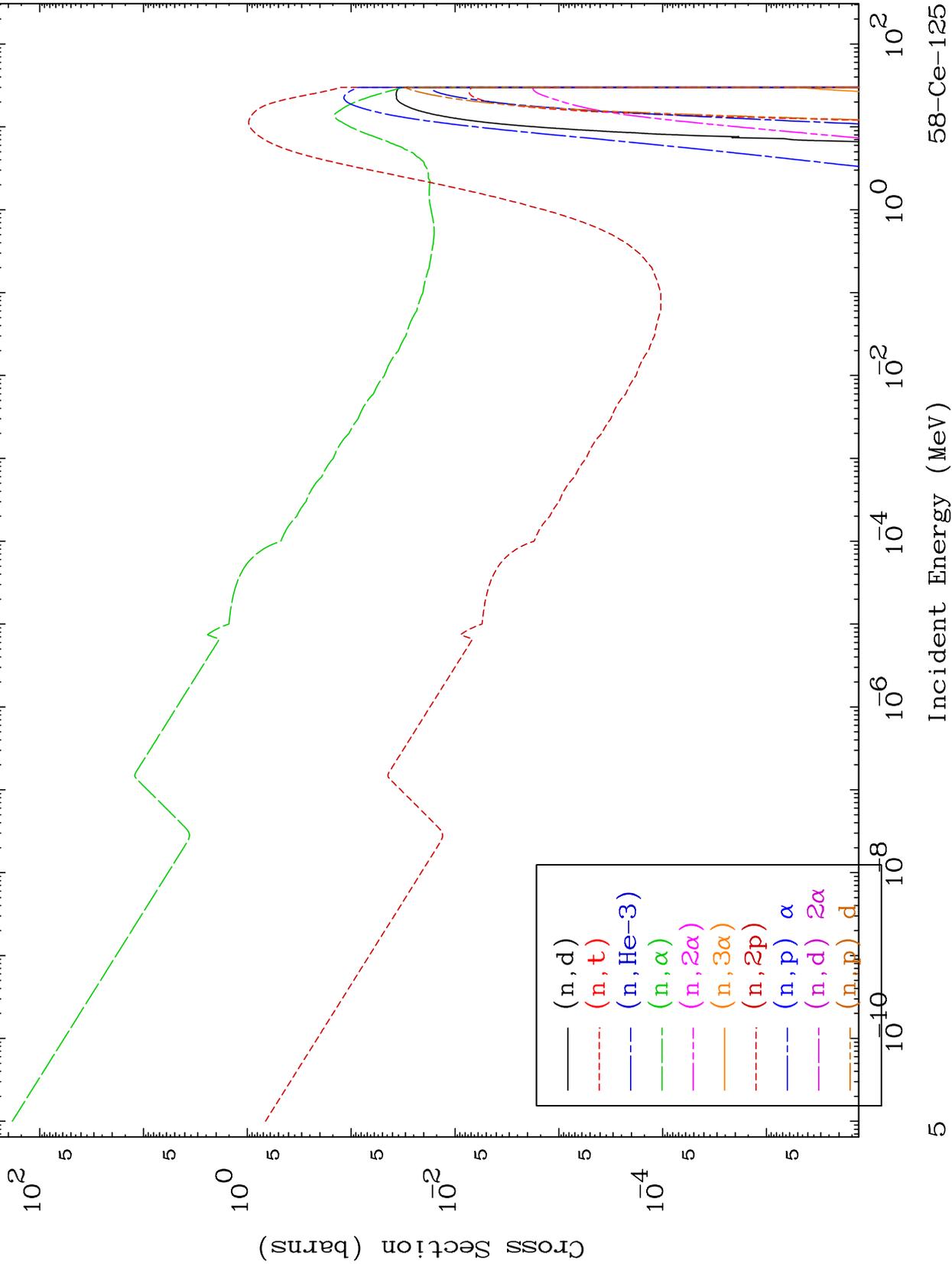
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MAT 5792

Charged Particle
293 Kelvin Cross Sections

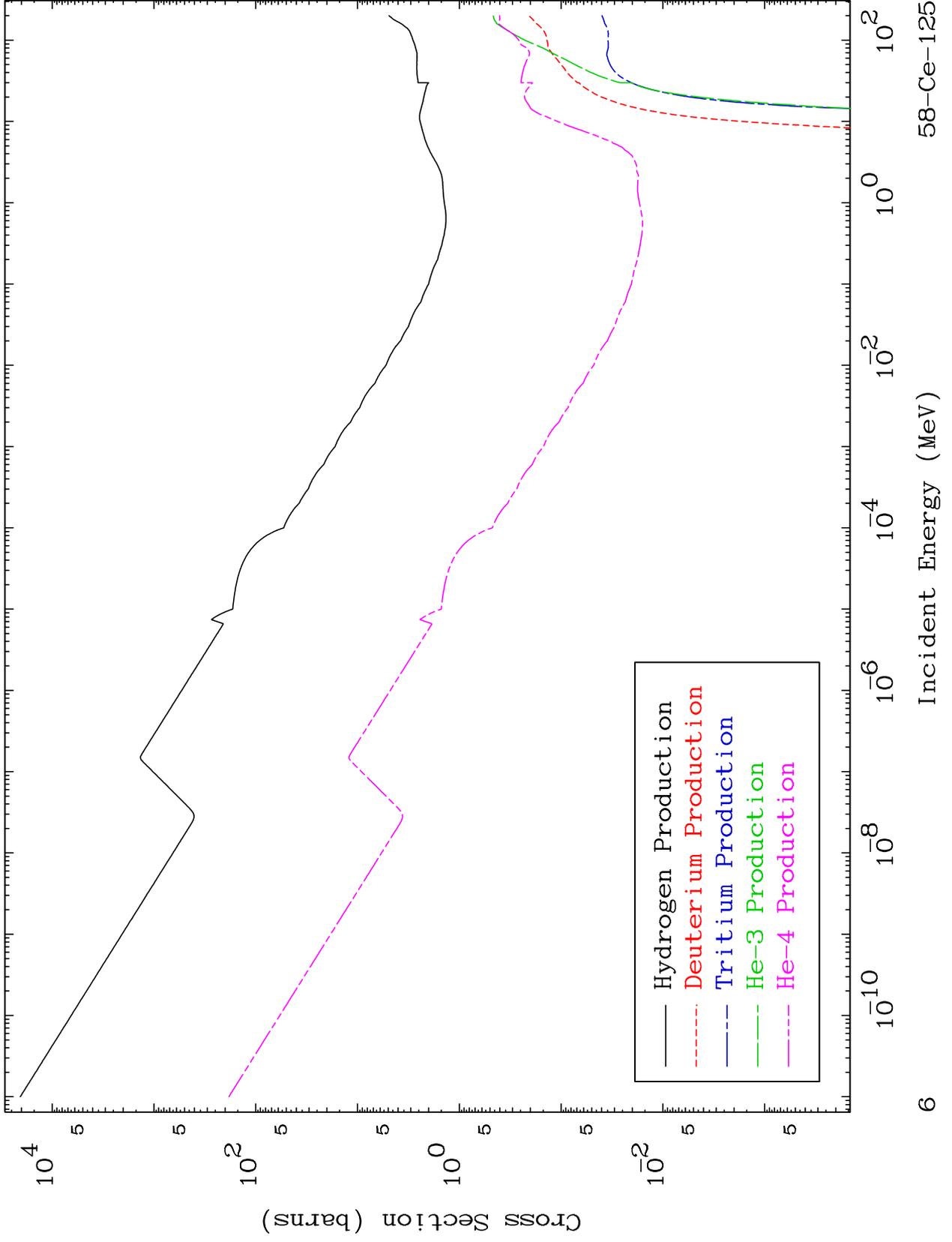
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MAT 5792

Particle Production
293 Kelvin Cross Sections

58-Ce-125

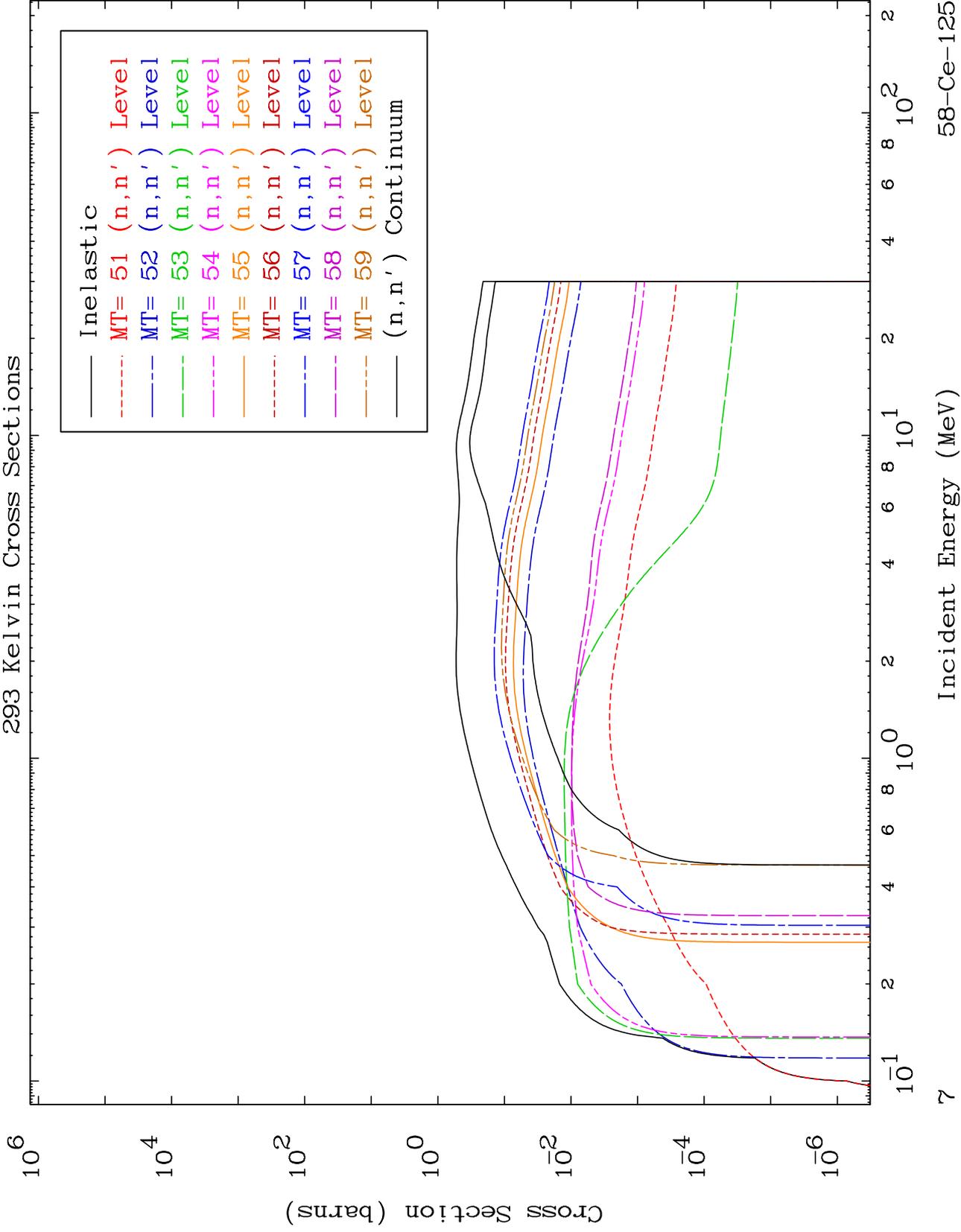


MAT 5792

(n,n') Level

293 Kelvin Cross Sections

58-Ce-125



Incident Energy (MeV)

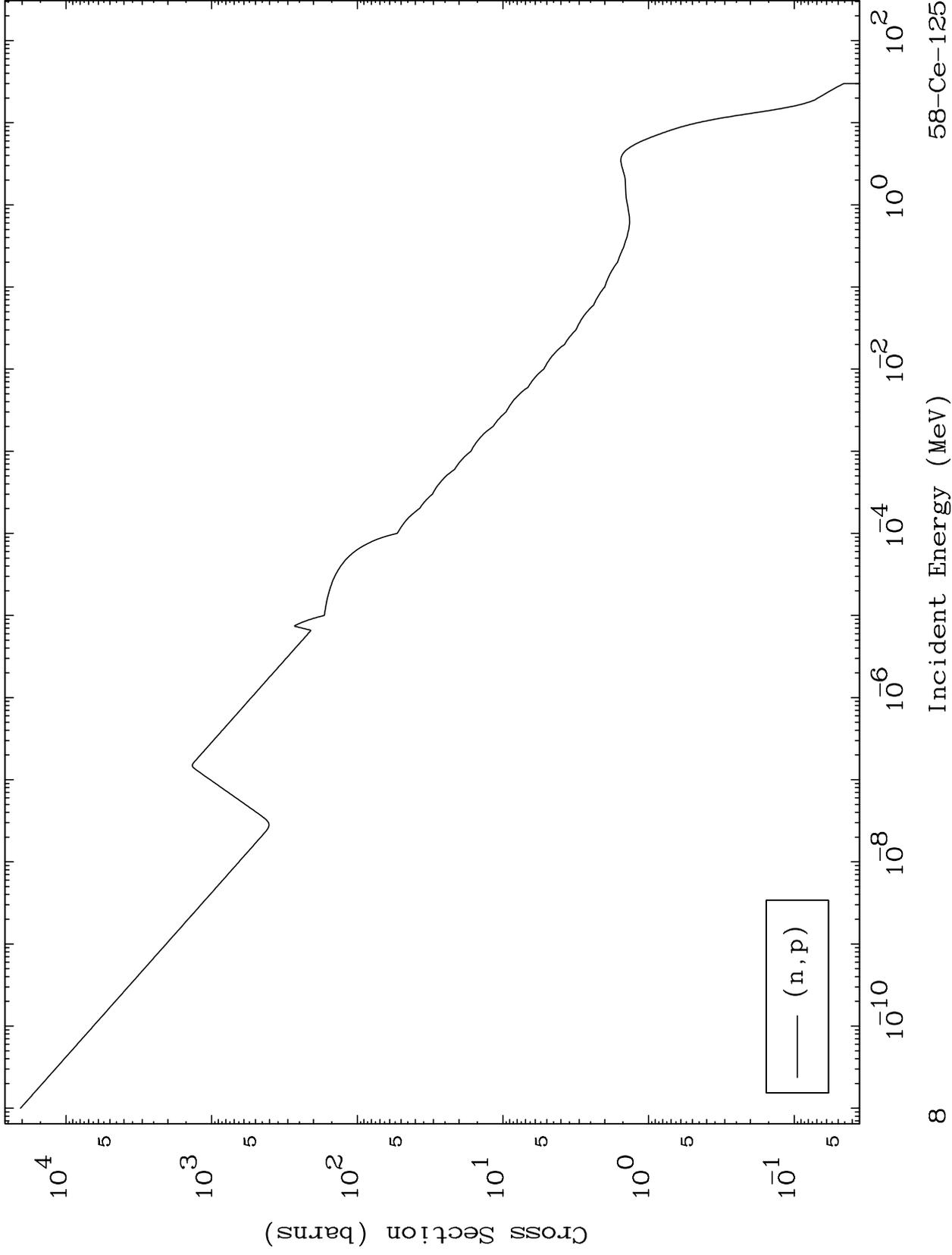
58-Ce-125

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MAT 5792

(n,p) Levels
293 Kelvin Cross Sections

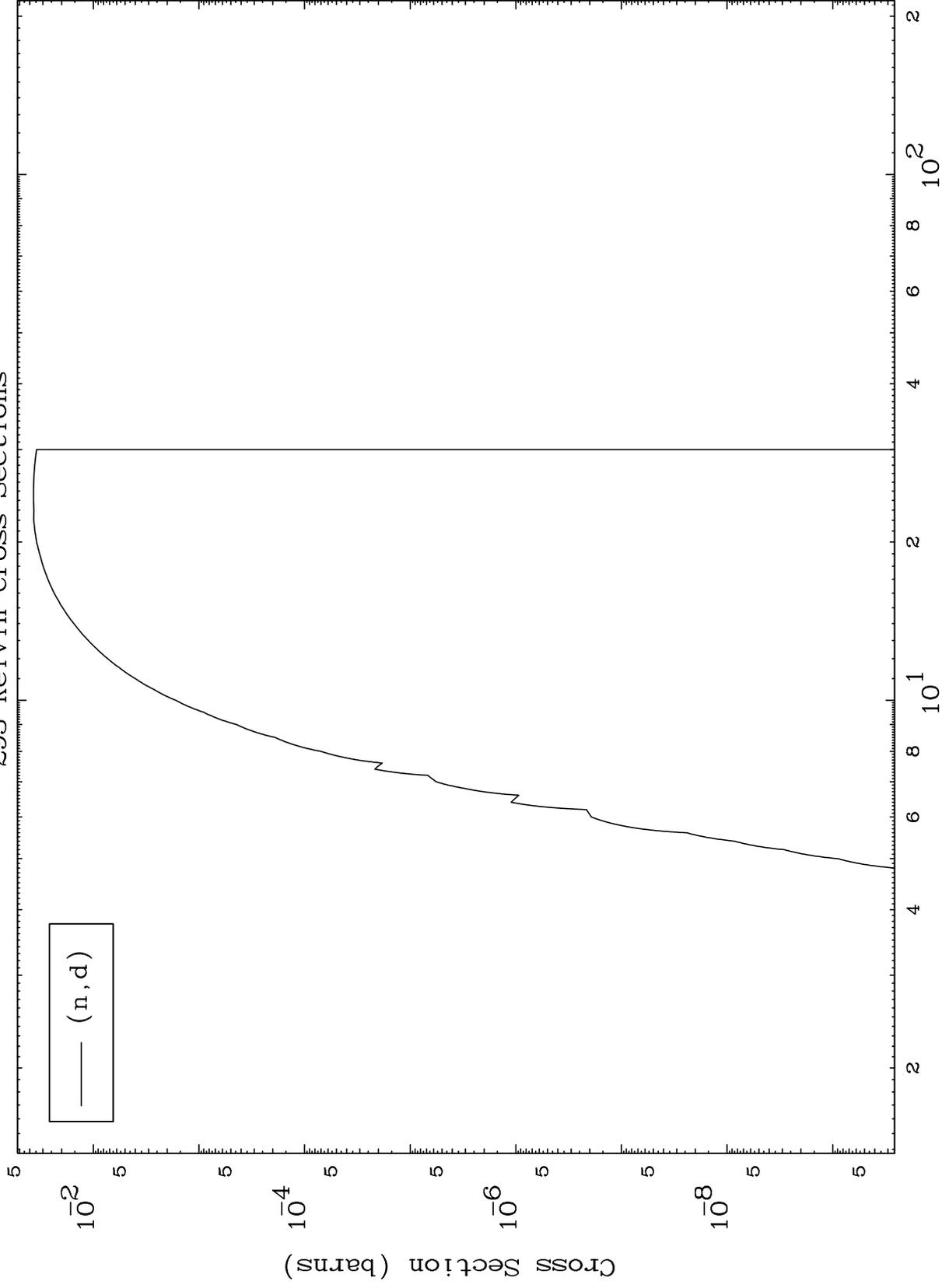
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MAT 5792

(n,d) Levels
293 Kelvin Cross Sections

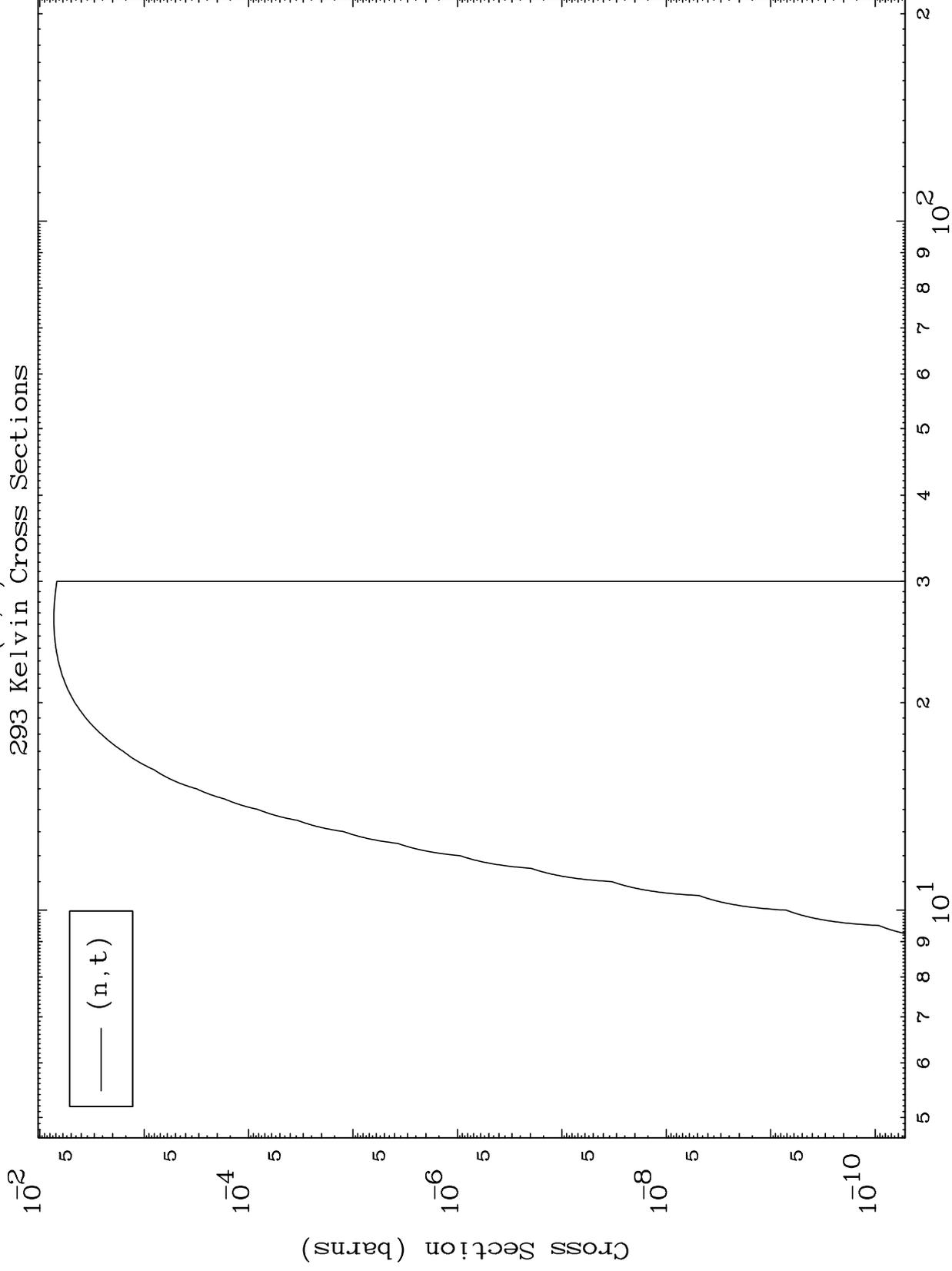
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MAT 5792

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-125



10

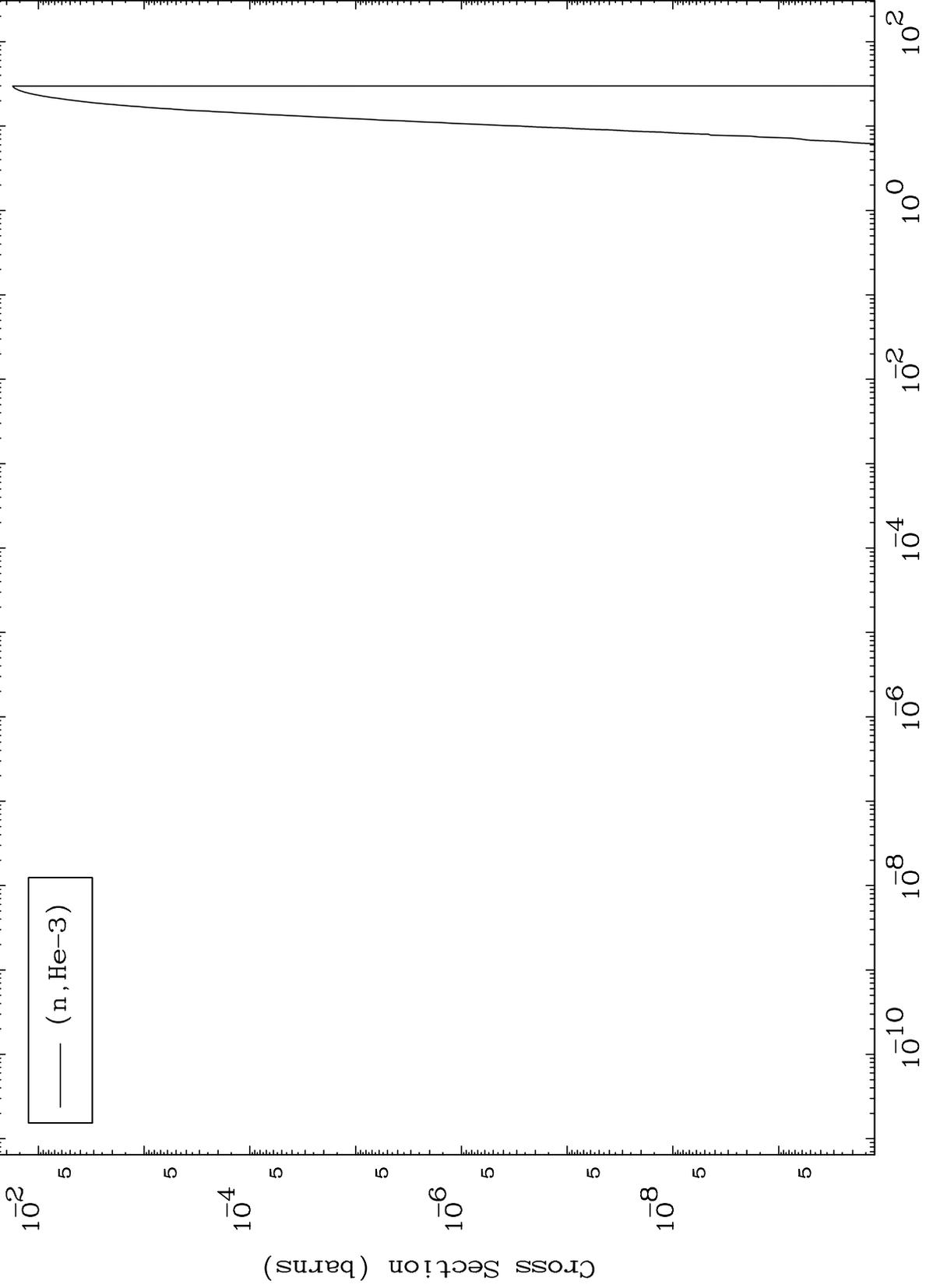
Incident Energy (MeV)

58-Ce-125

MAT 5792

(n,He3) Levels
293 Kelvin Cross Sections

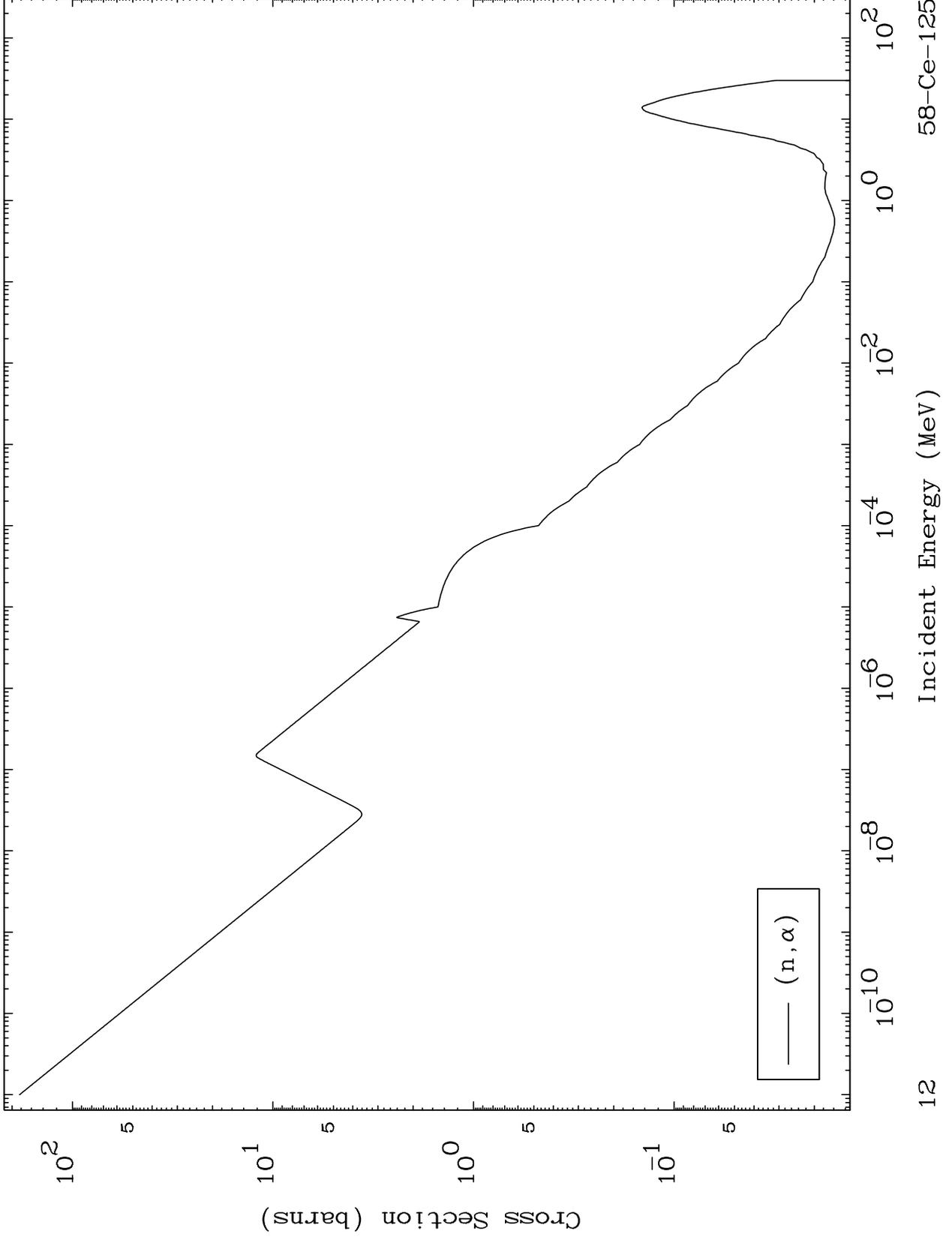
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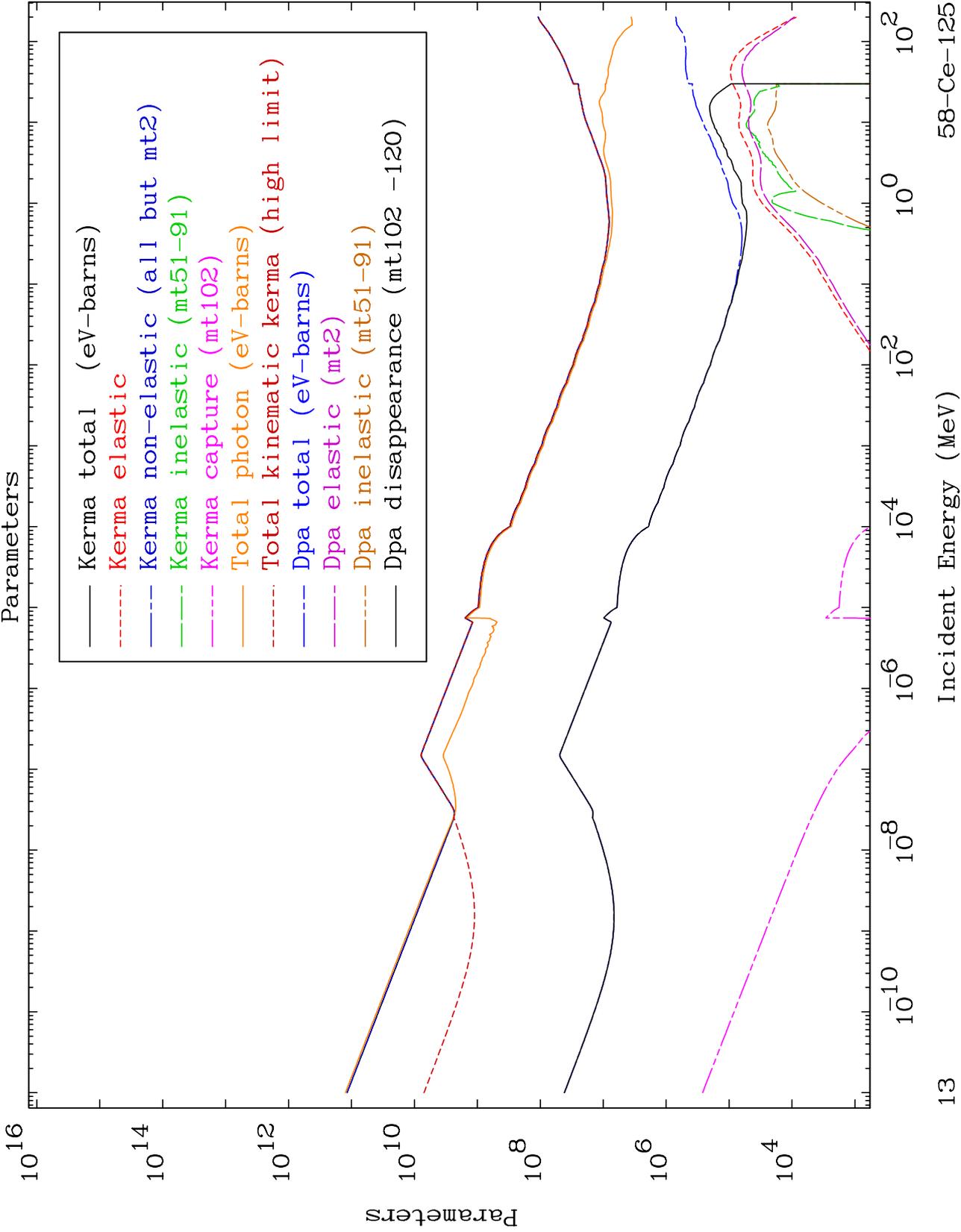


MAT 5792

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-125

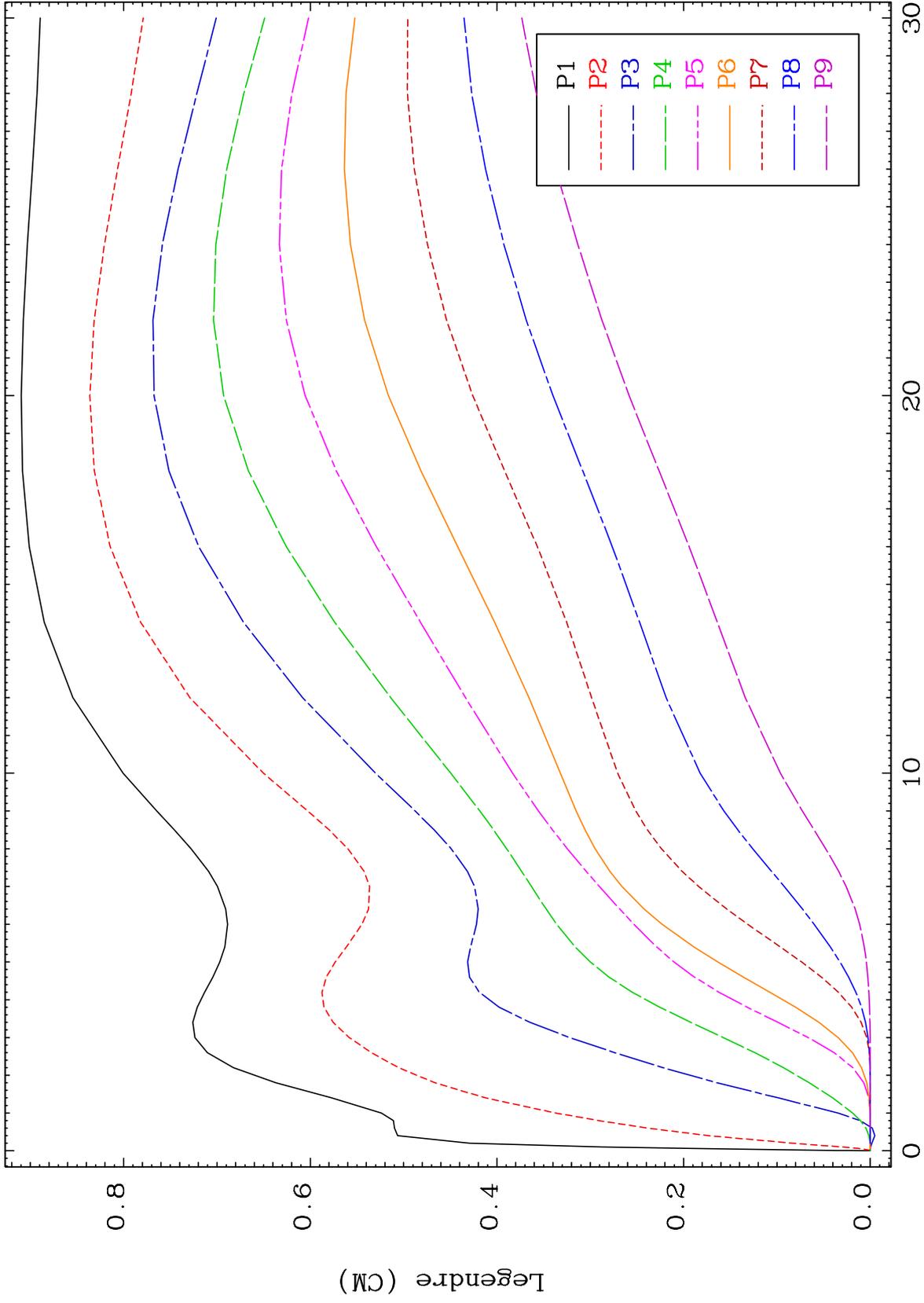




MAT 5792

Elastic Legendre Coefficients

58-Ce-125



14

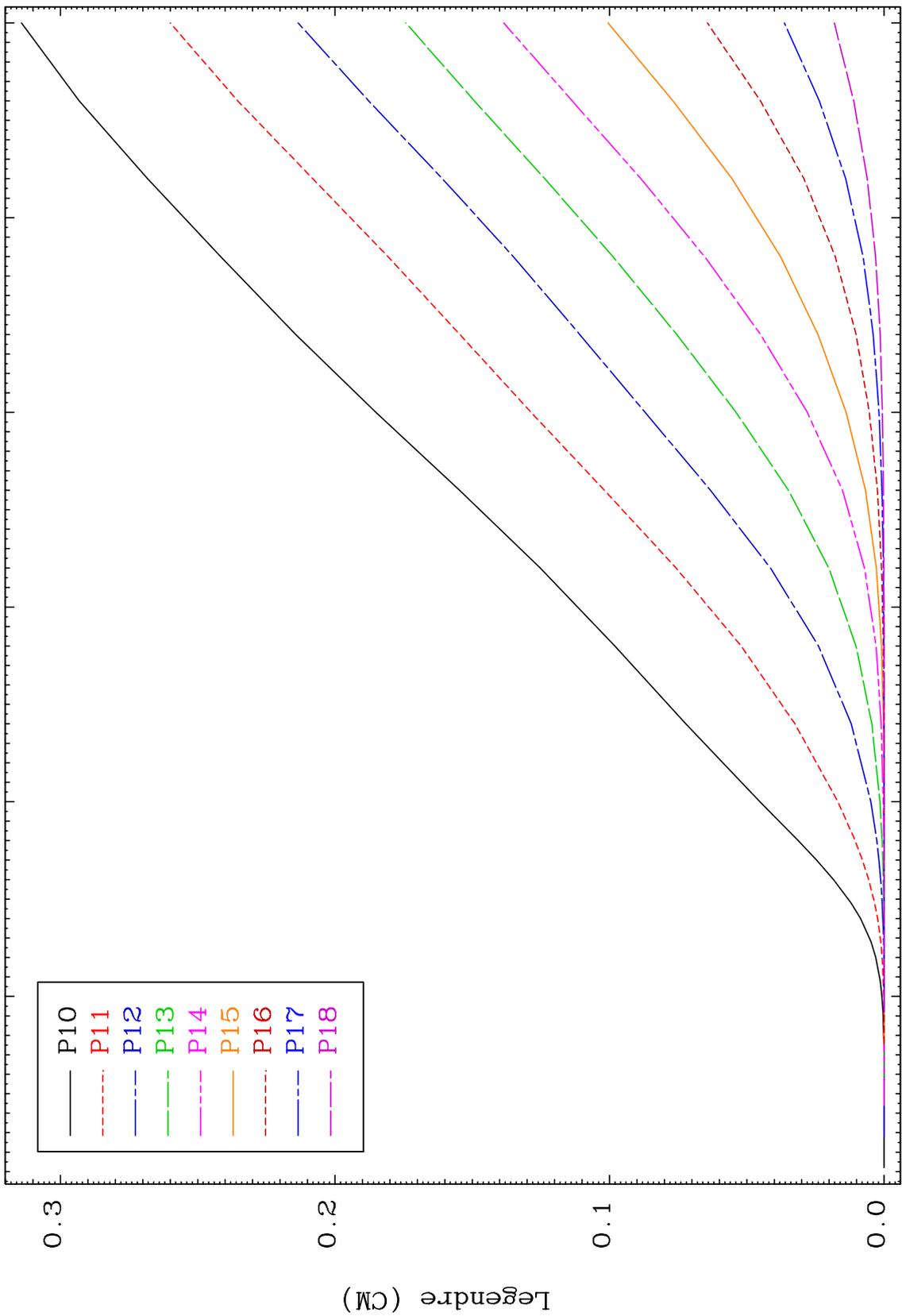
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

58-Ce-125



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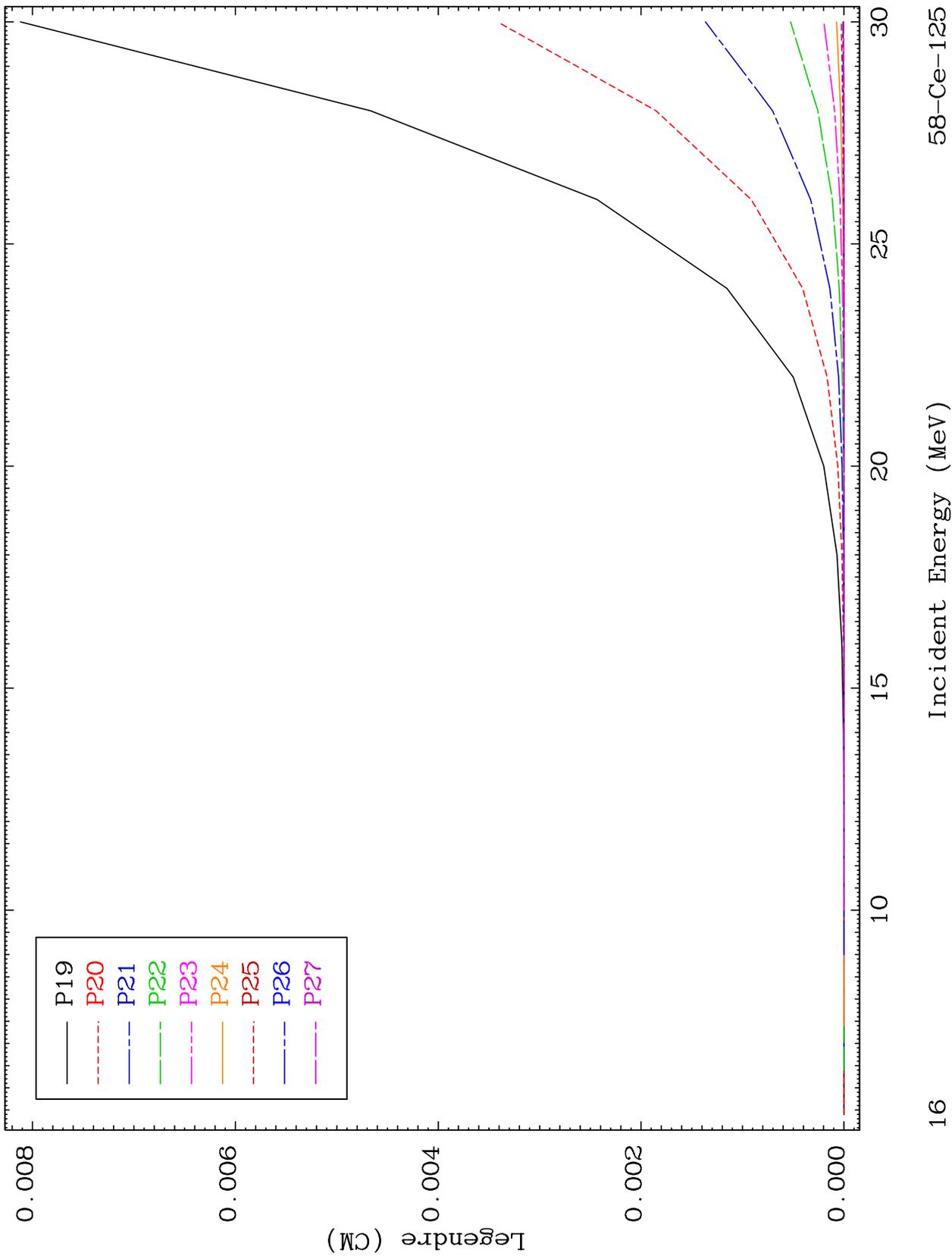
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

58-Ce-125



16

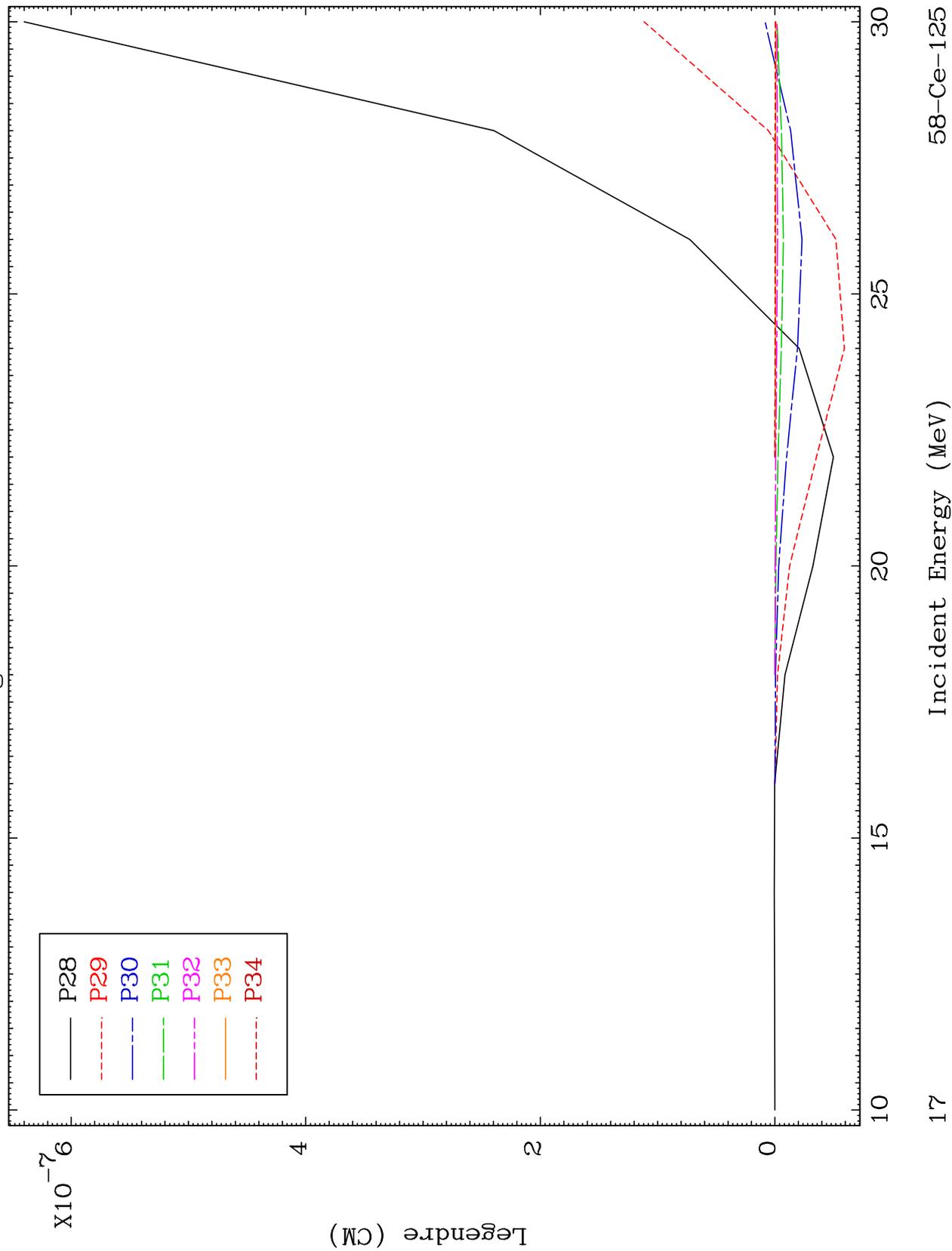
Incident Energy (MeV)

58-Ce-125

MAT 5792

Elastic Legendre Coefficients

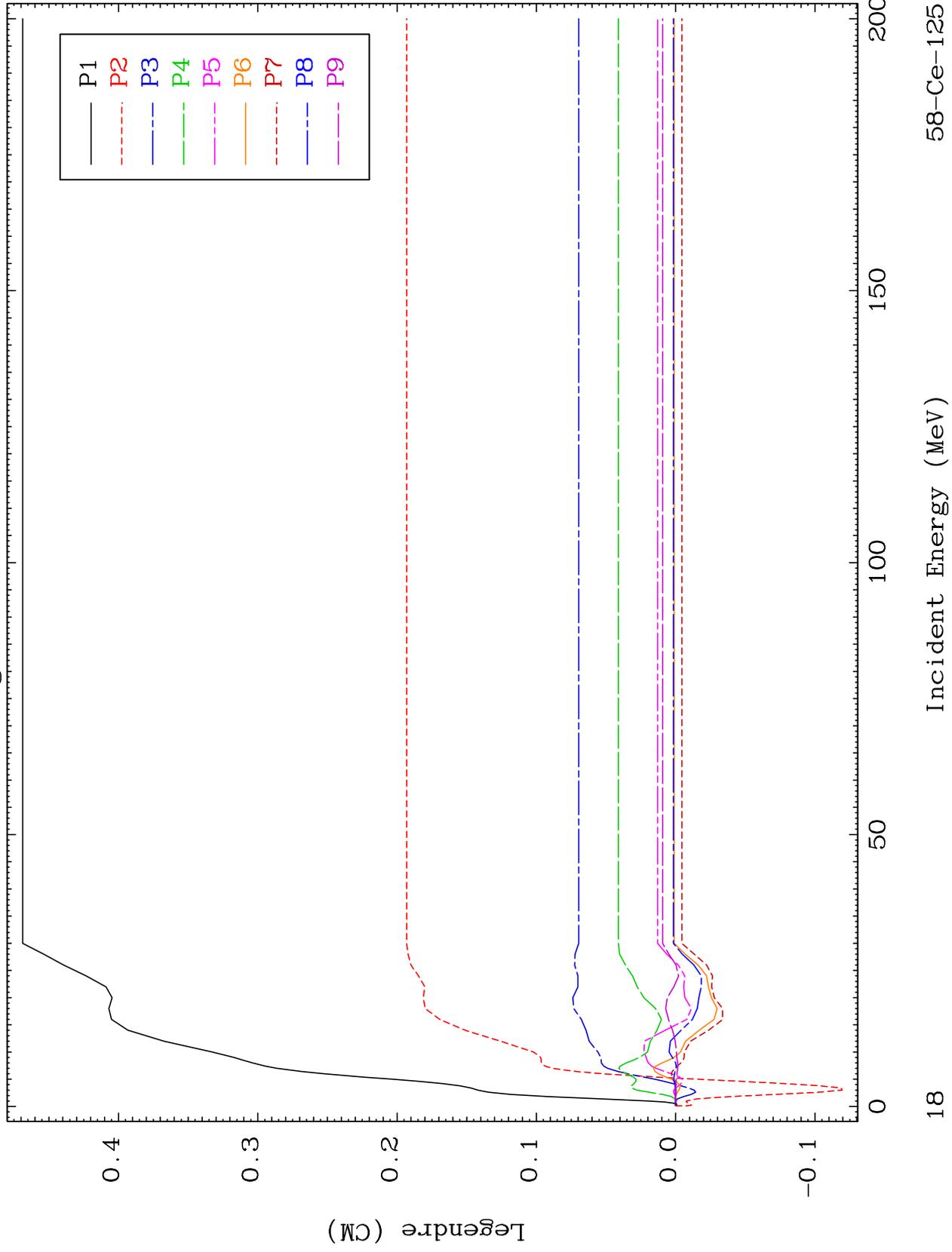
58-Ce-125



MAT 5792

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

58-Ce-125



58-Ce-125

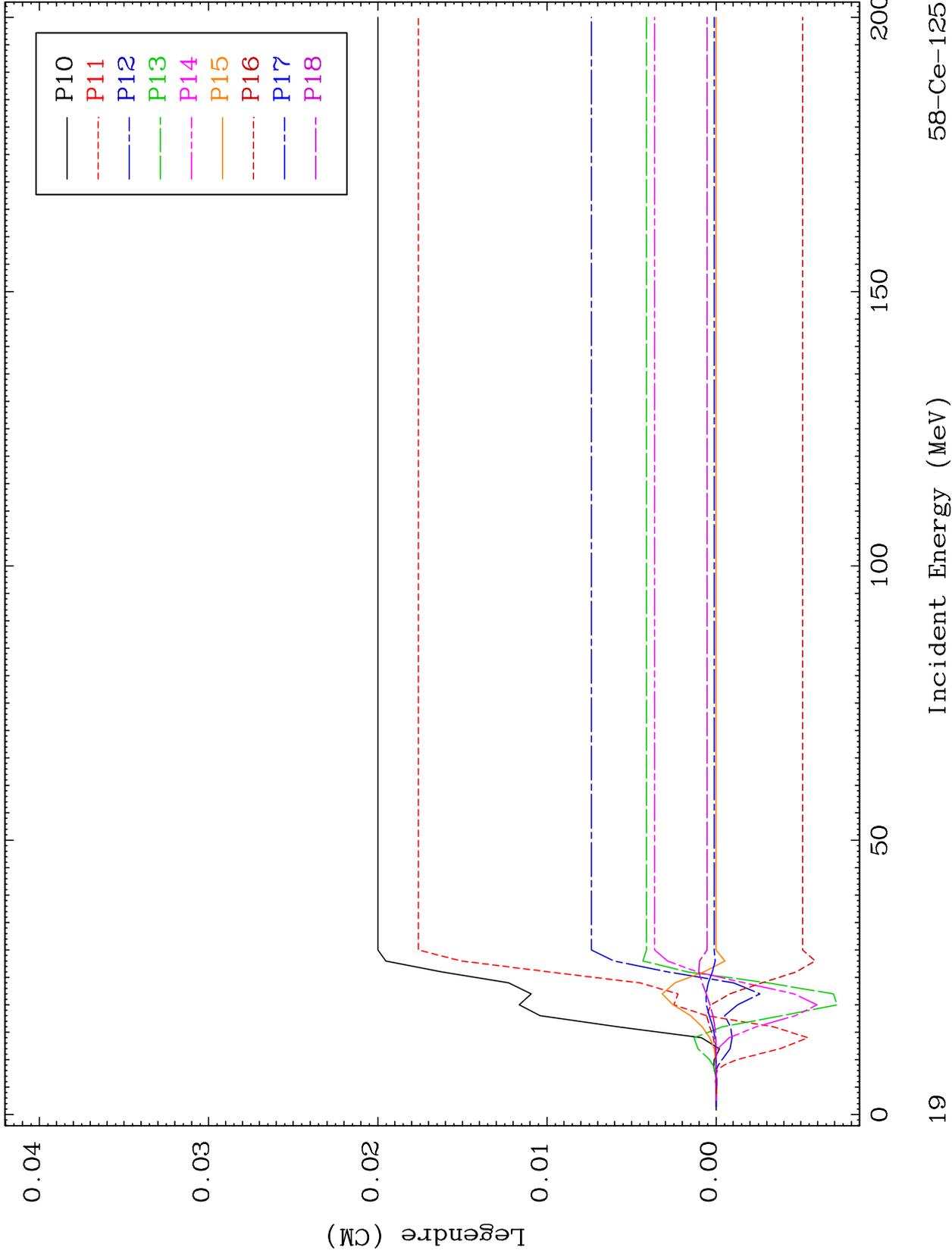
Incident Energy (MeV)

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MAT 5792

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

58-Ce-125

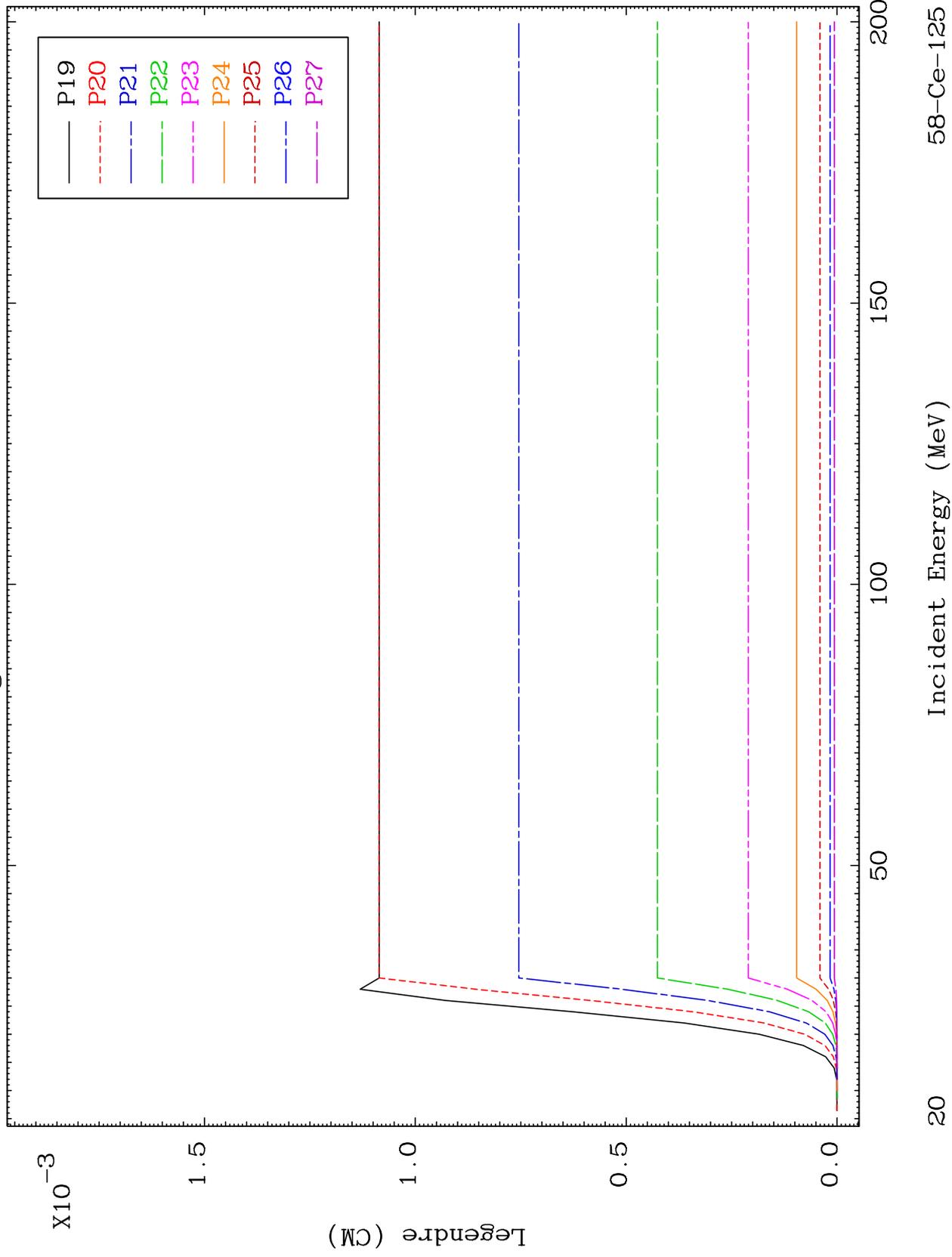


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MAT 5792

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

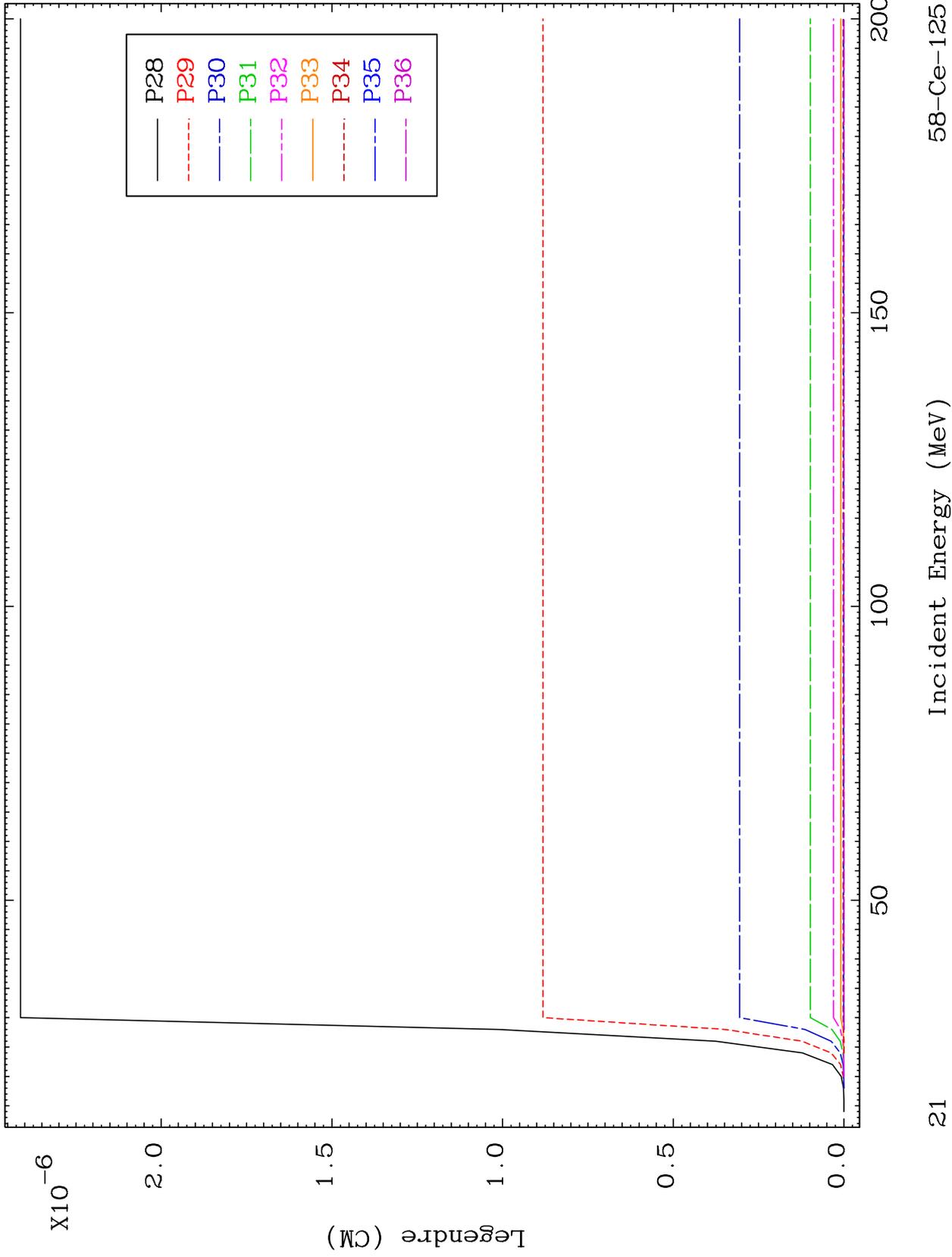
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MAT 5792

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

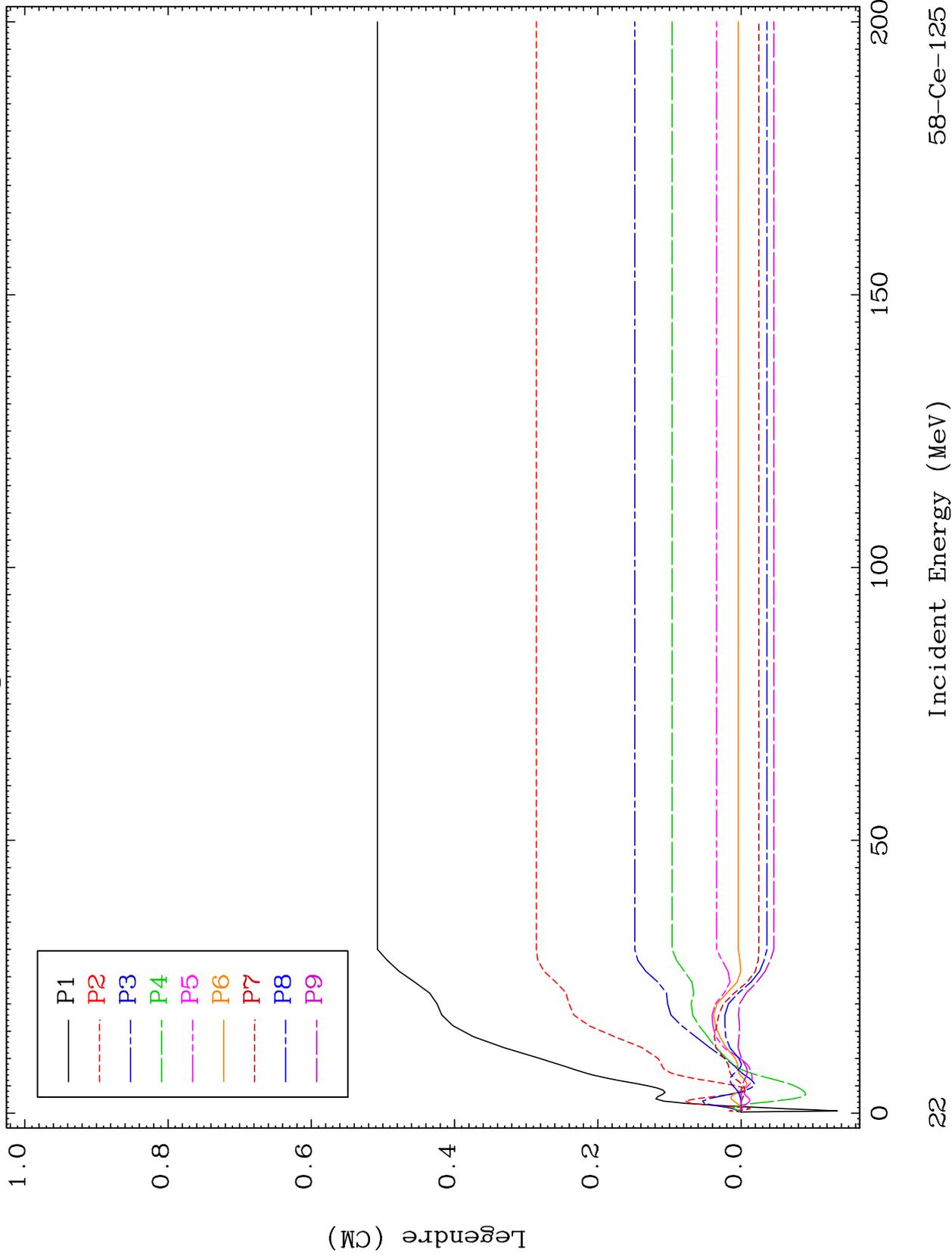
58-Ce-125



MAT 5792

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

58-Ce-125



58-Ce-125

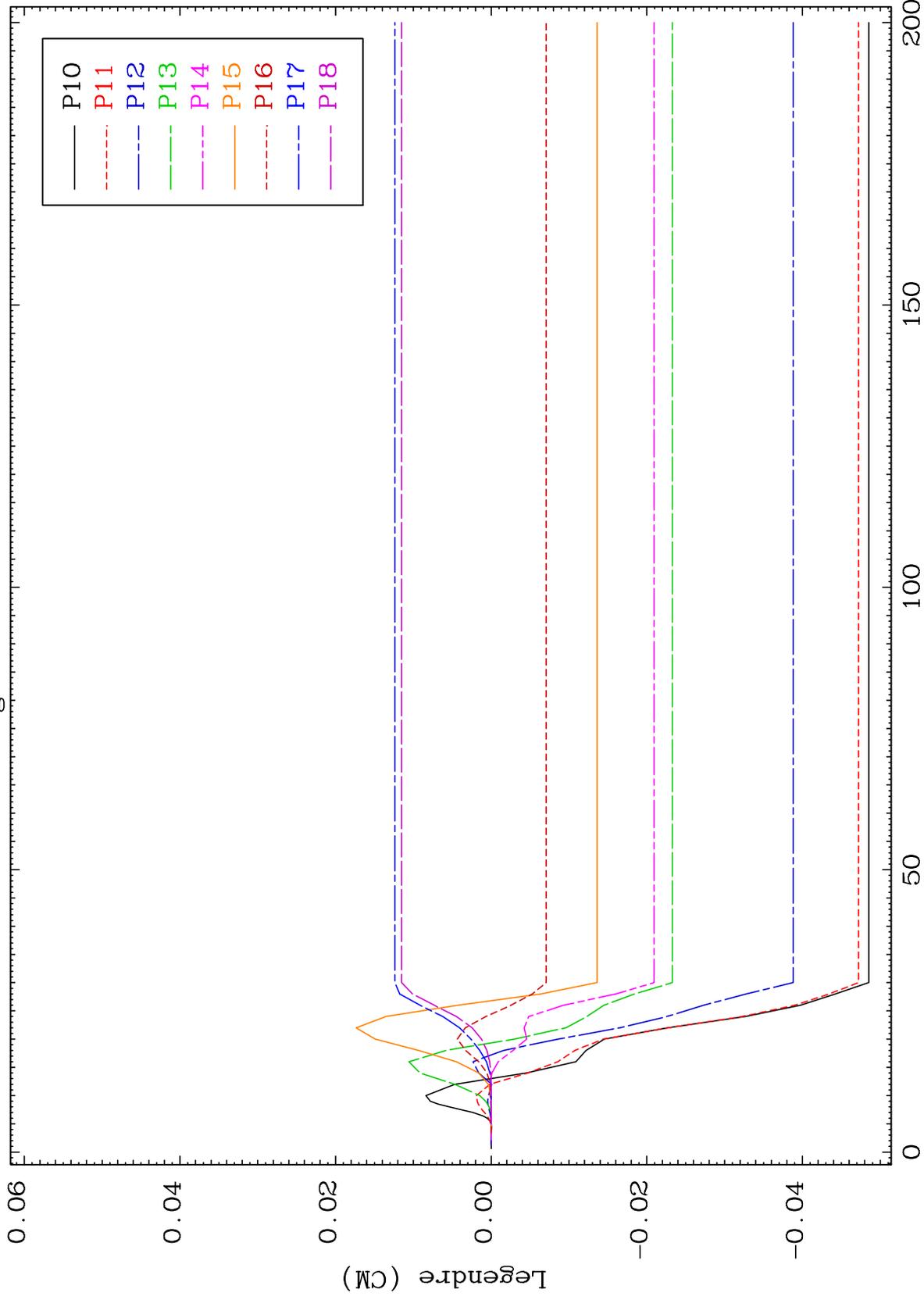
Incident Energy (MeV)

22

MAT 5792

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

58-Ce-125



23

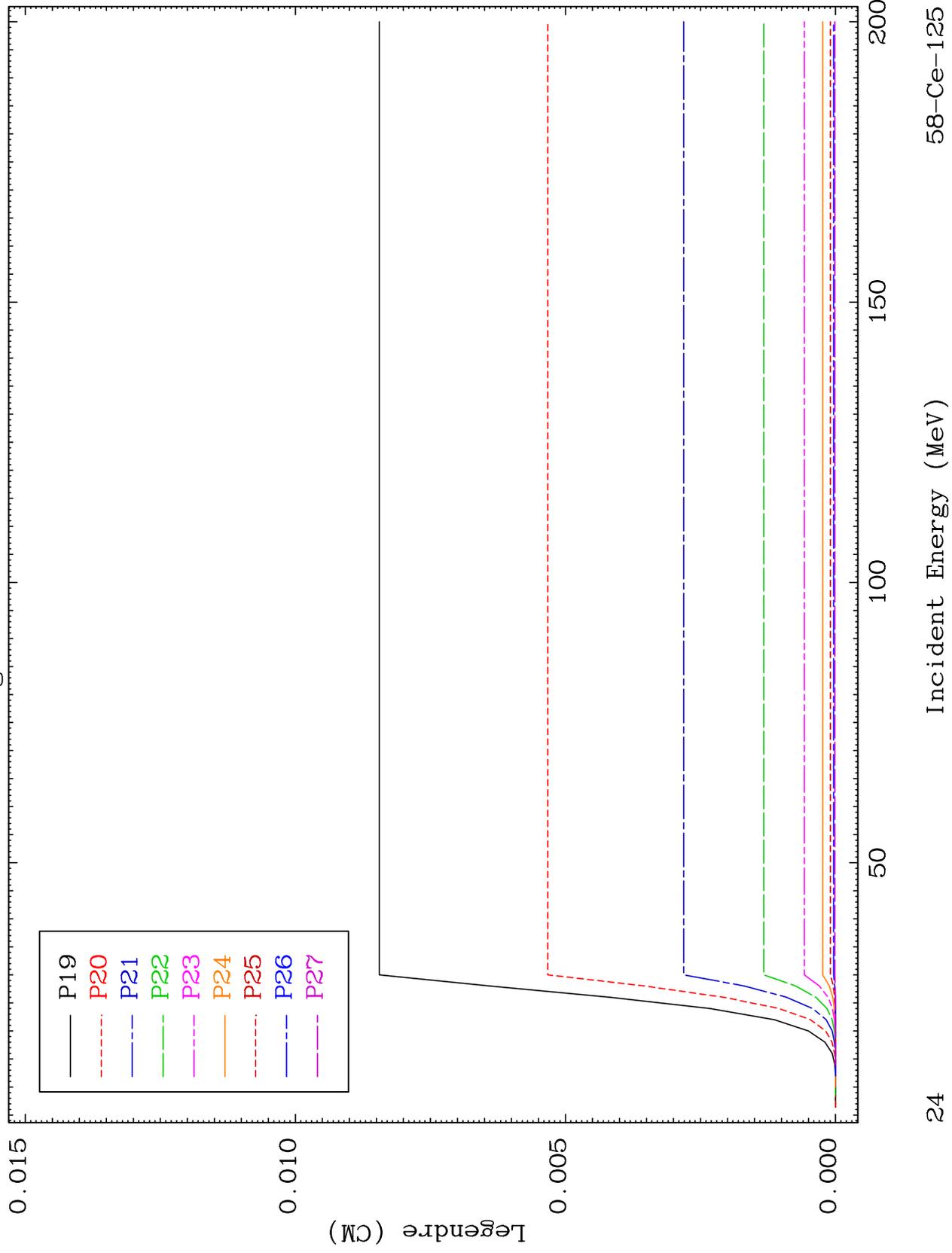
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



24

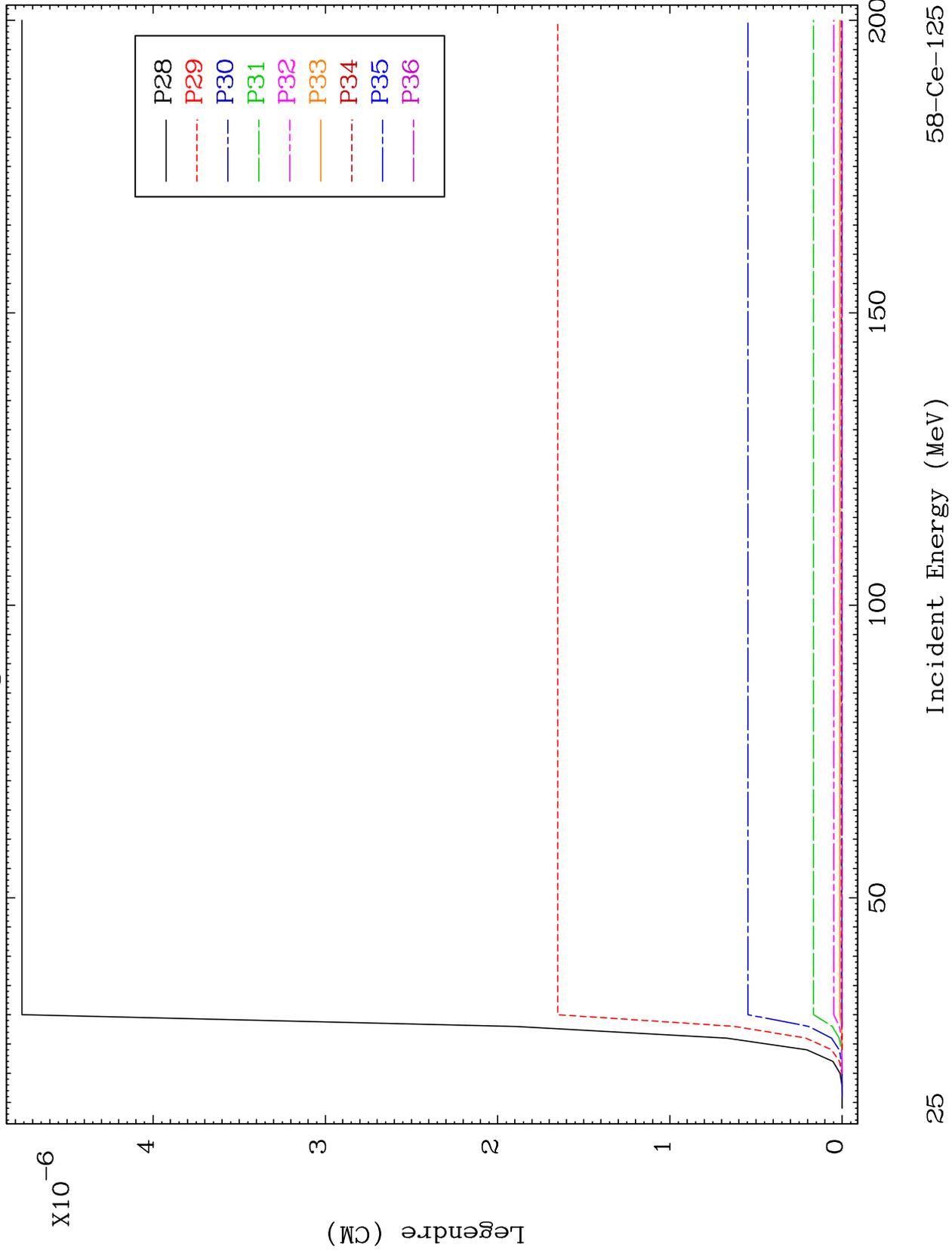
Incident Energy (MeV)

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Legendre Coefficients

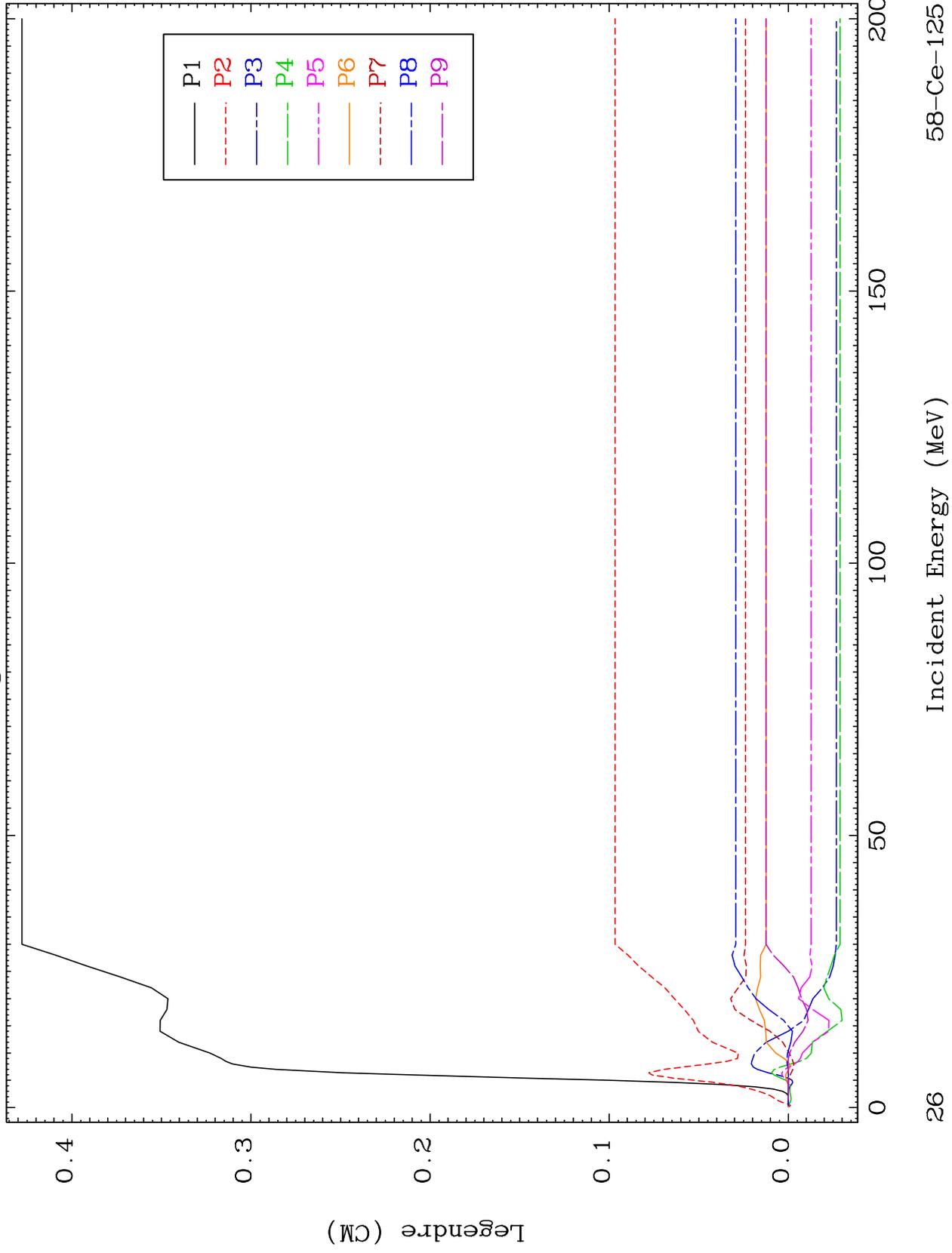
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MAT 5792

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

58-Ce-125



58-Ce-125

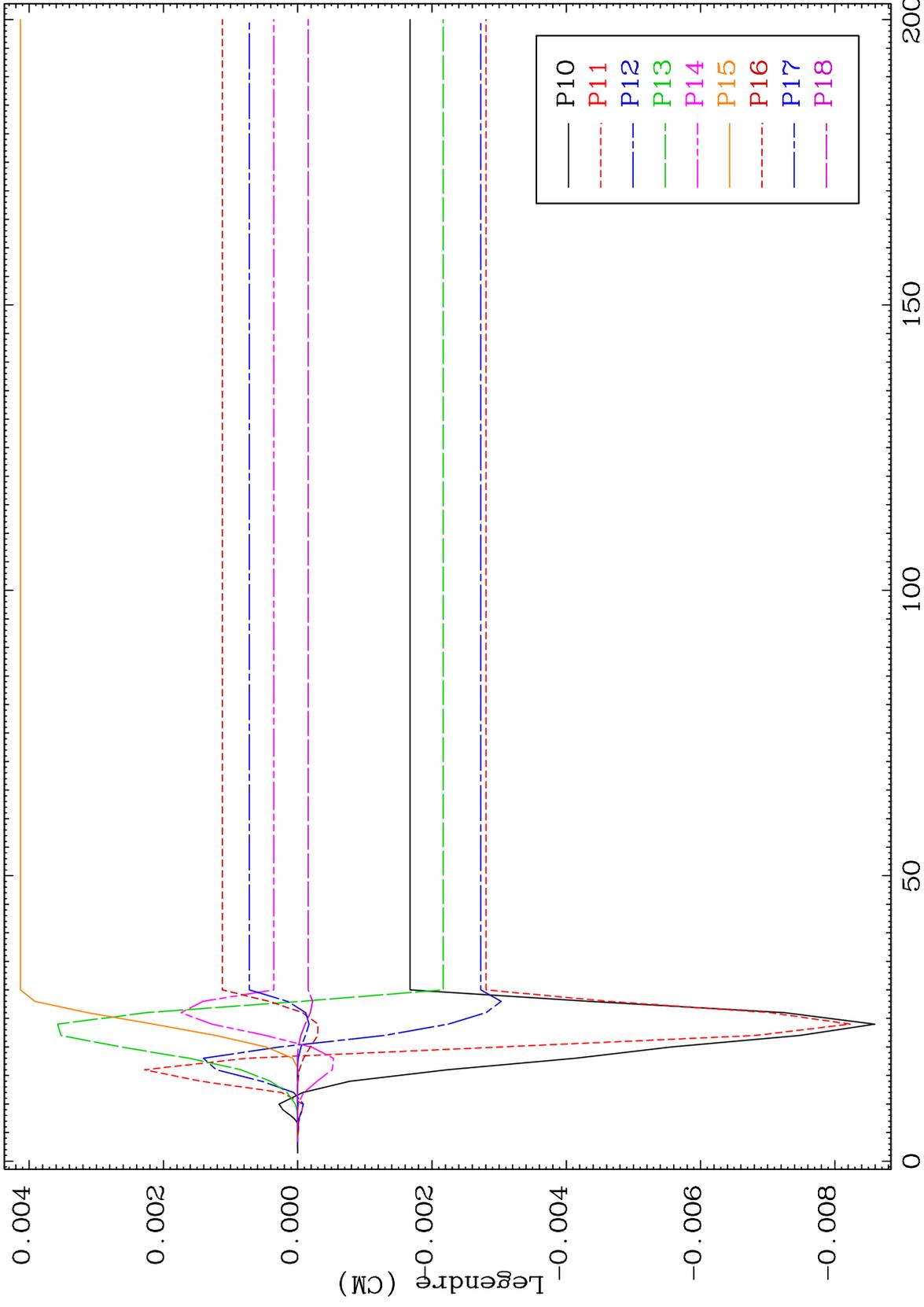
Incident Energy (MeV)

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MAT 5792

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

58-Ce-125



27

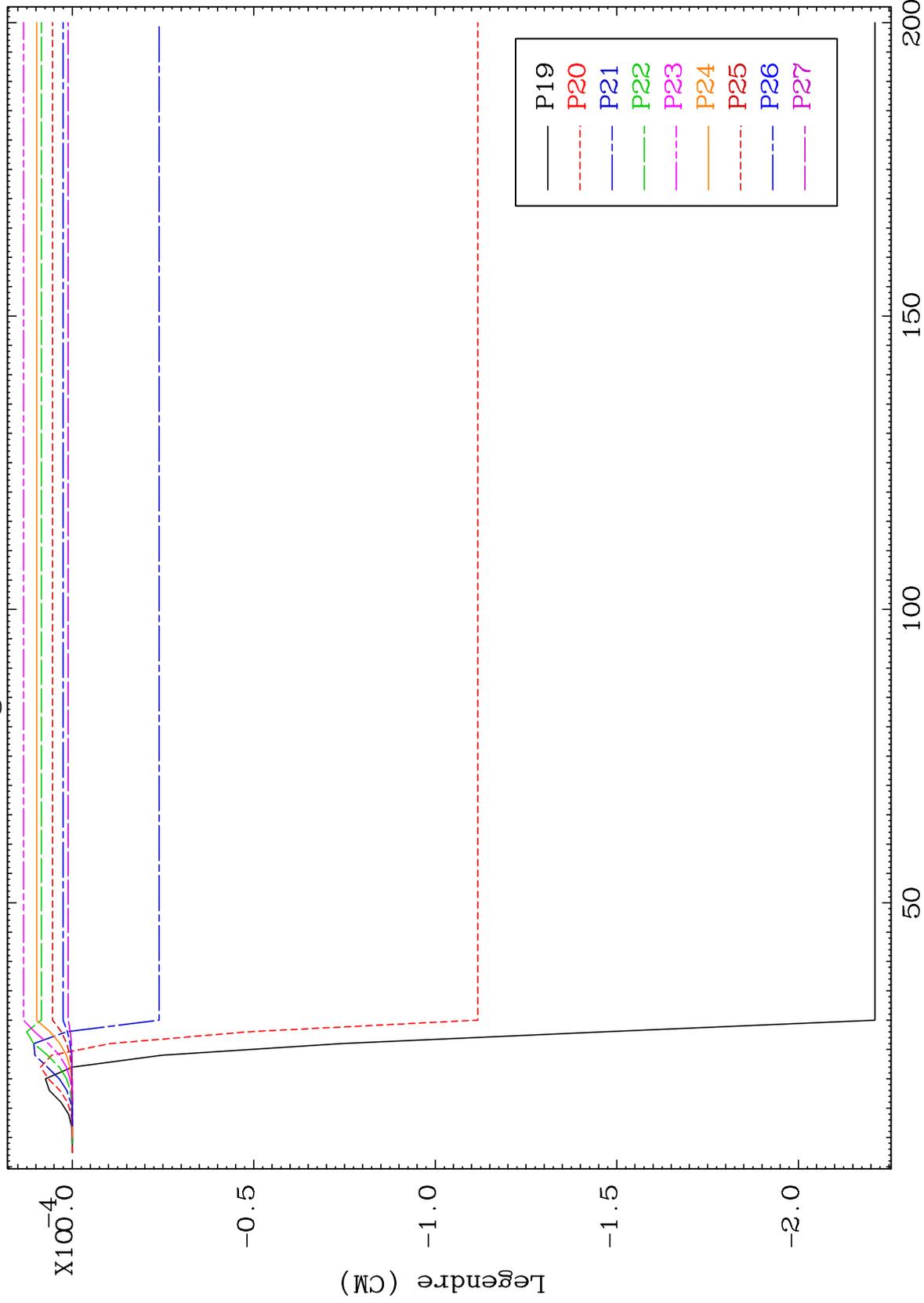
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



28

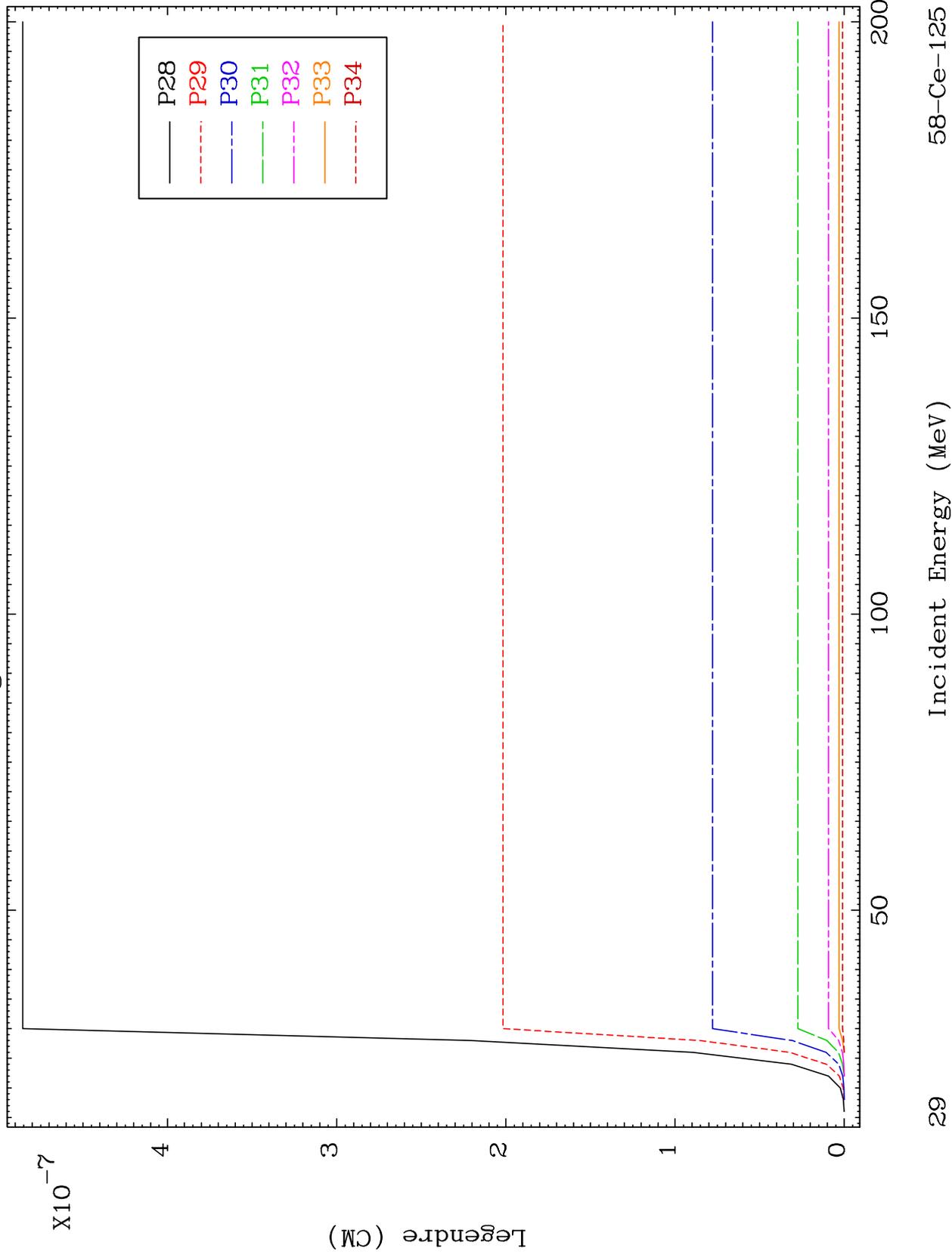
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



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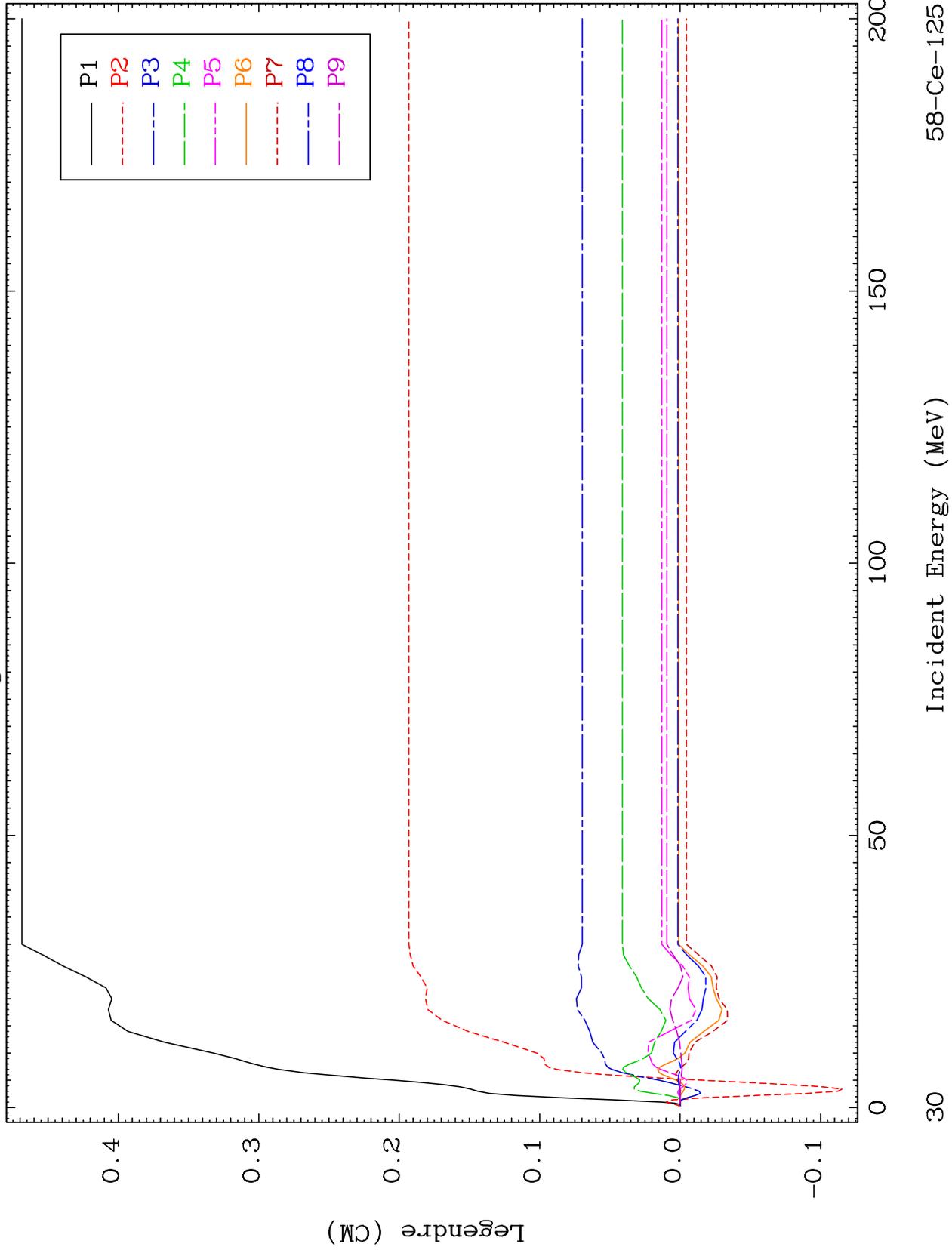
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125

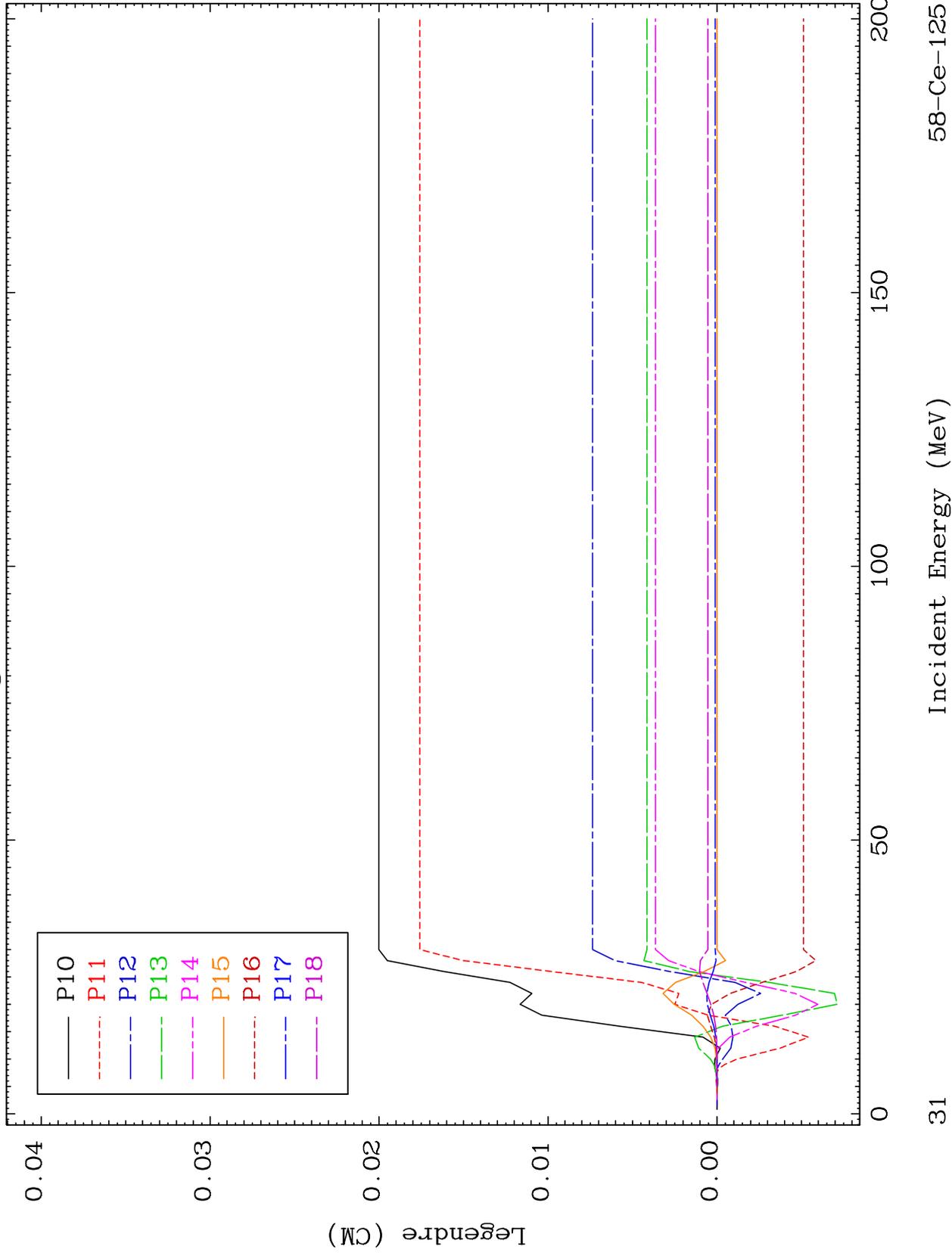


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MAT 5792

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

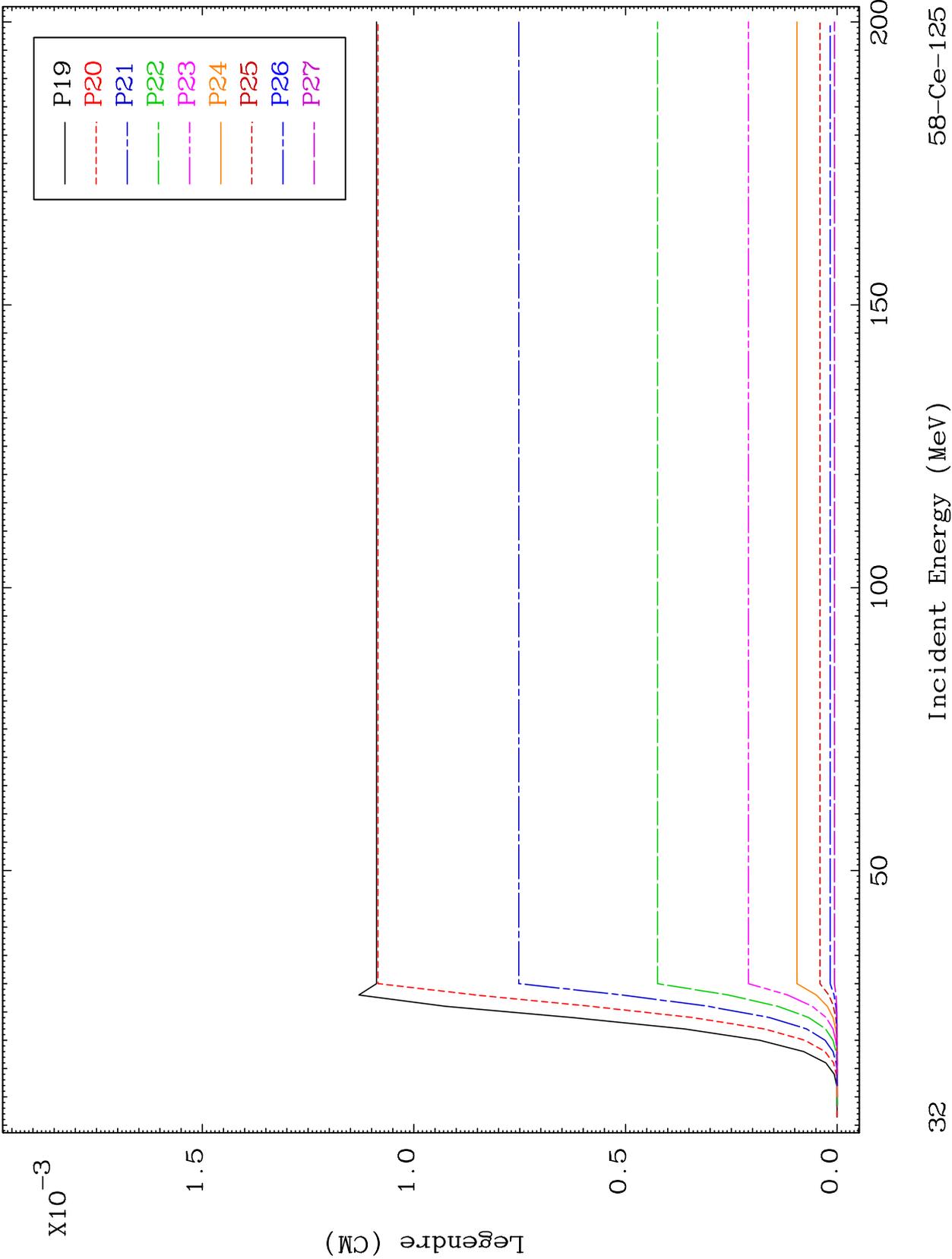
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MAT 5792

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

58-Ce-125



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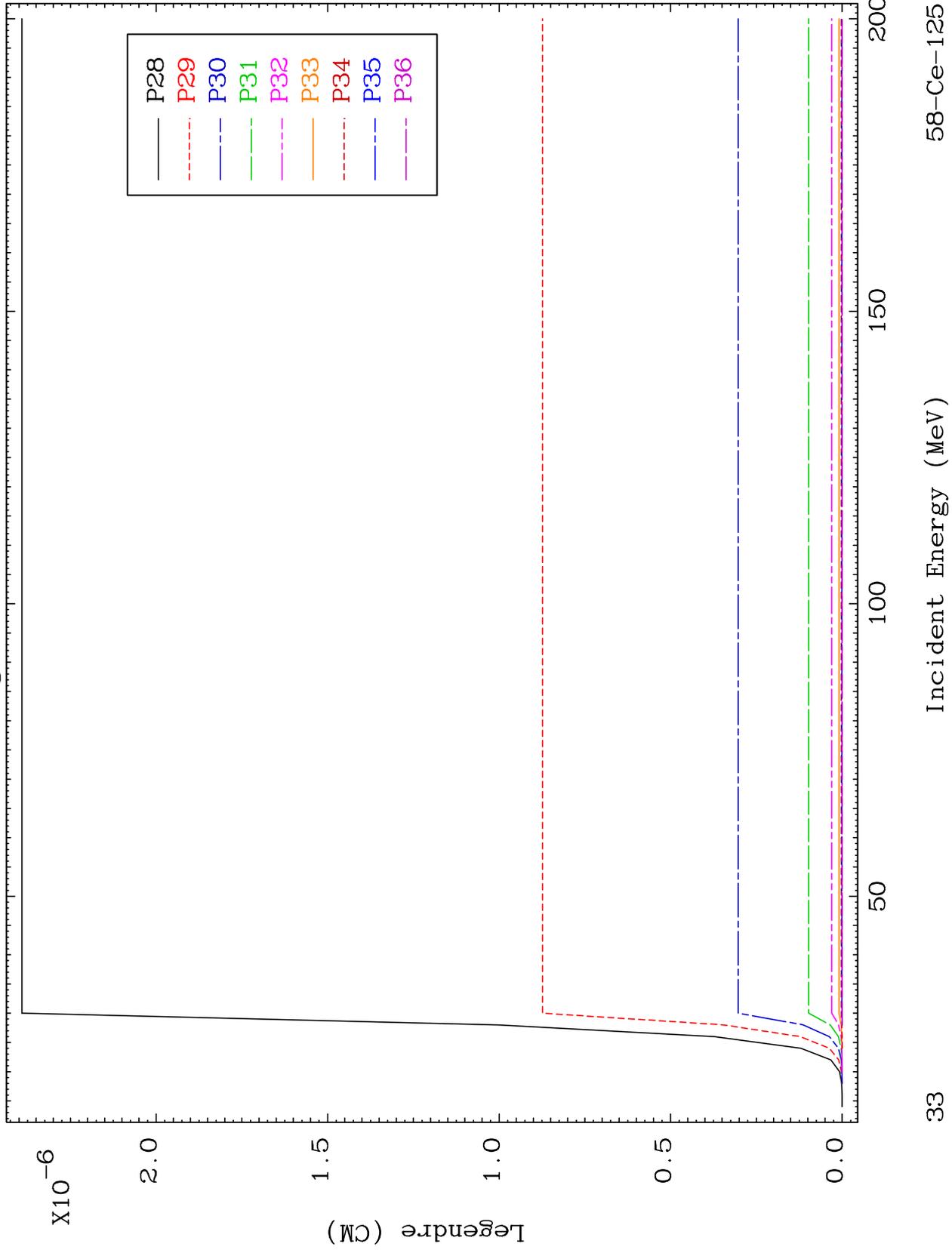
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

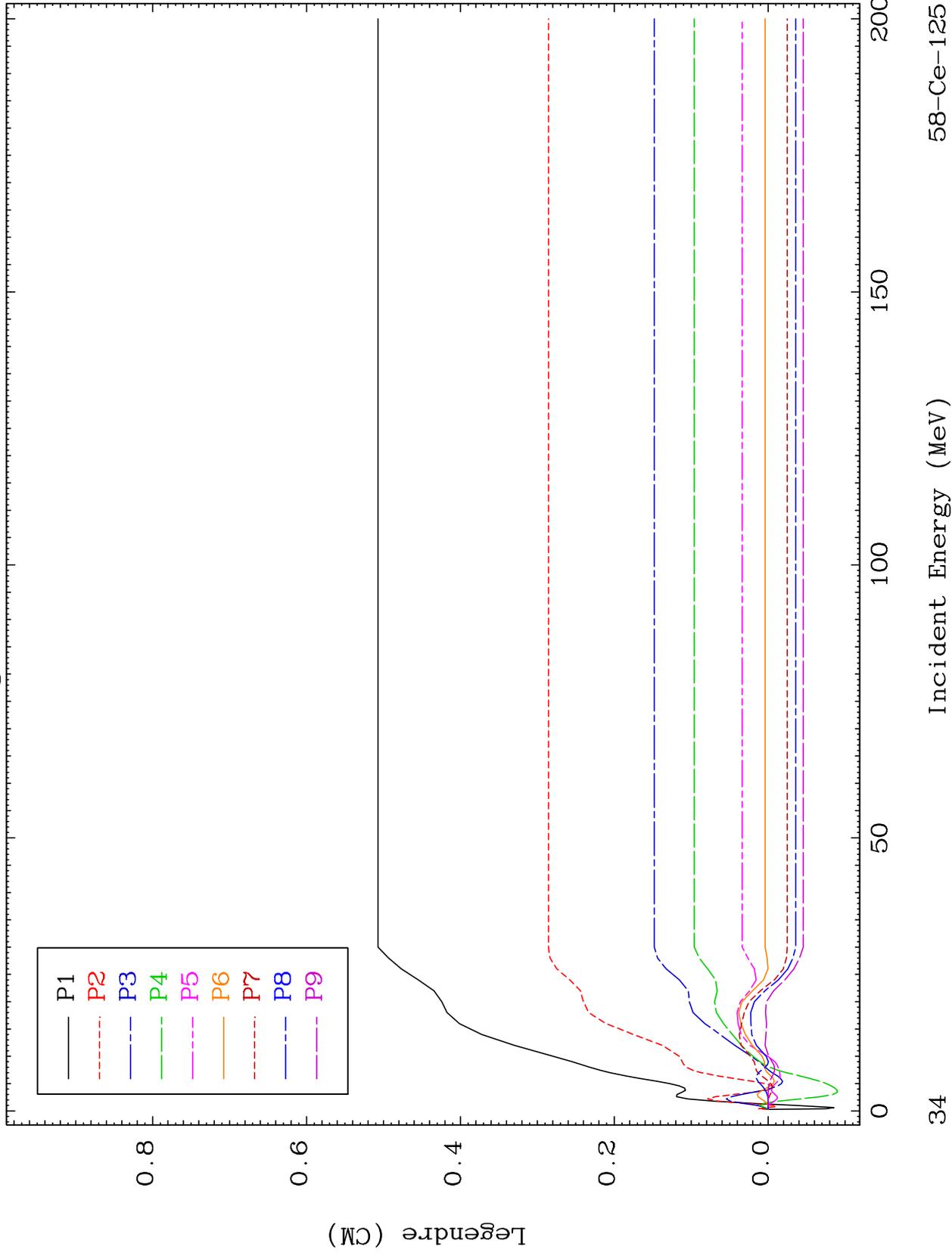
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MAT 5792

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

58-Ce-125



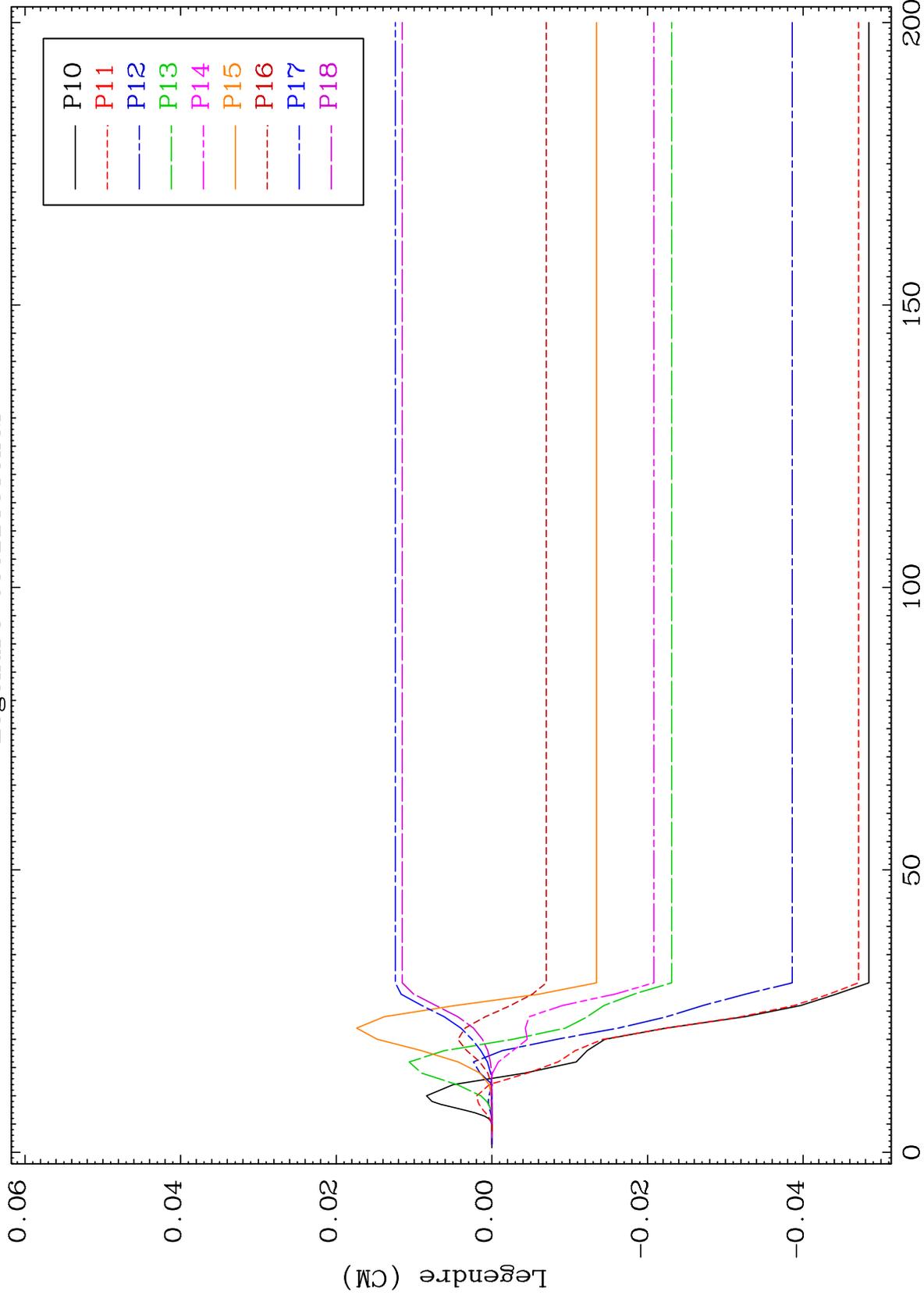
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58-Ce-125

MAT 5792

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

58-Ce-125



35

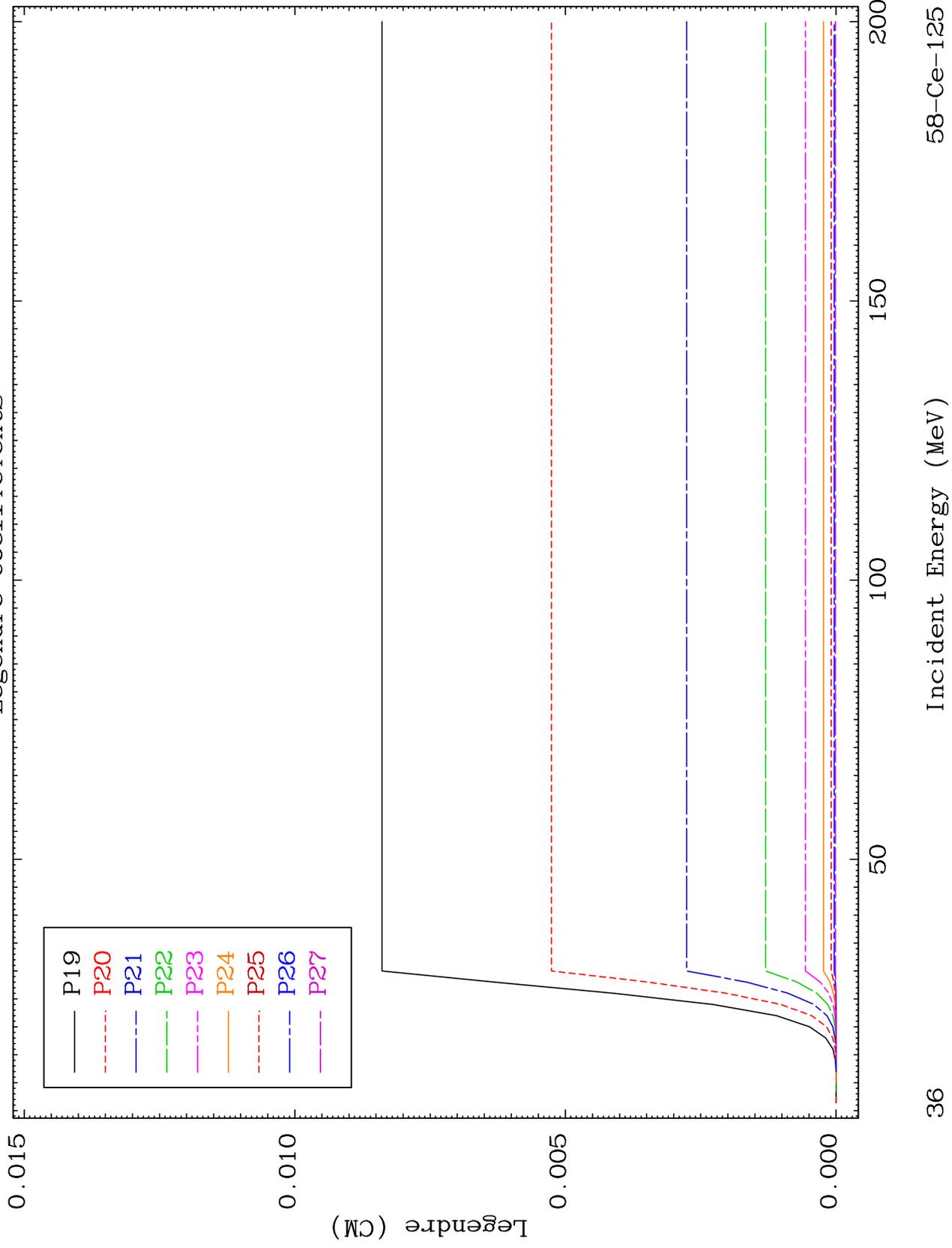
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



36

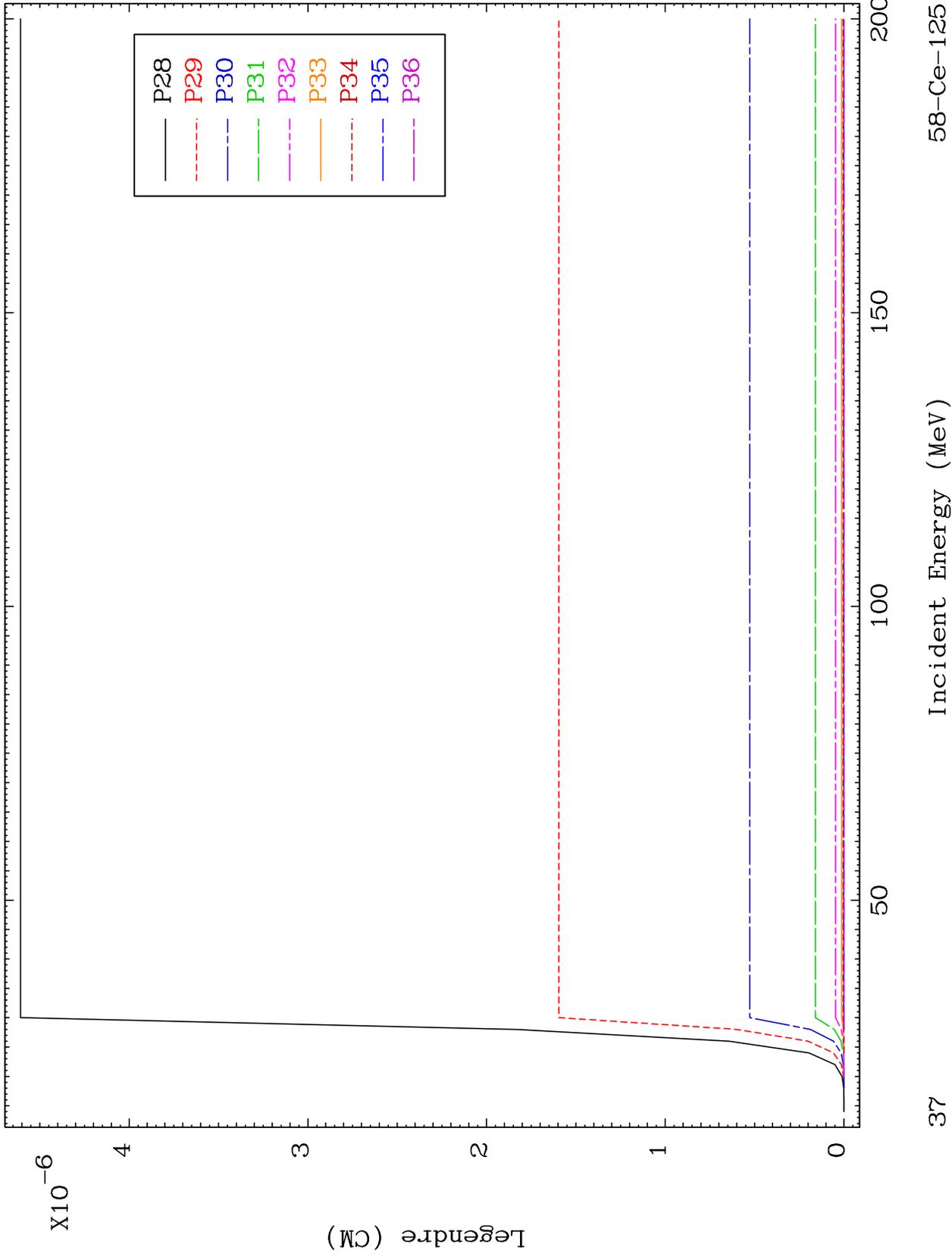
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

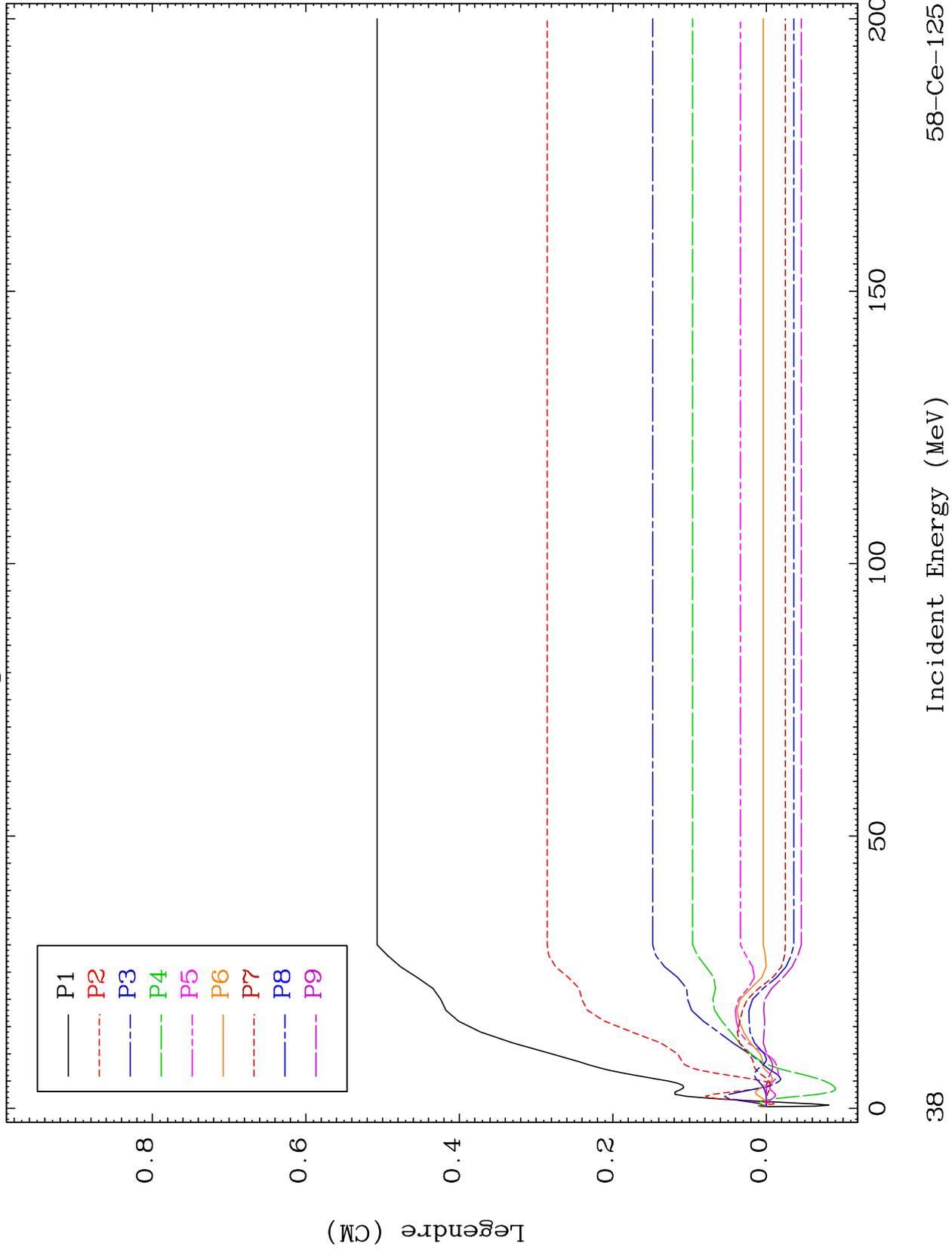
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MAT 5792

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

58-Ce-125



58-Ce-125

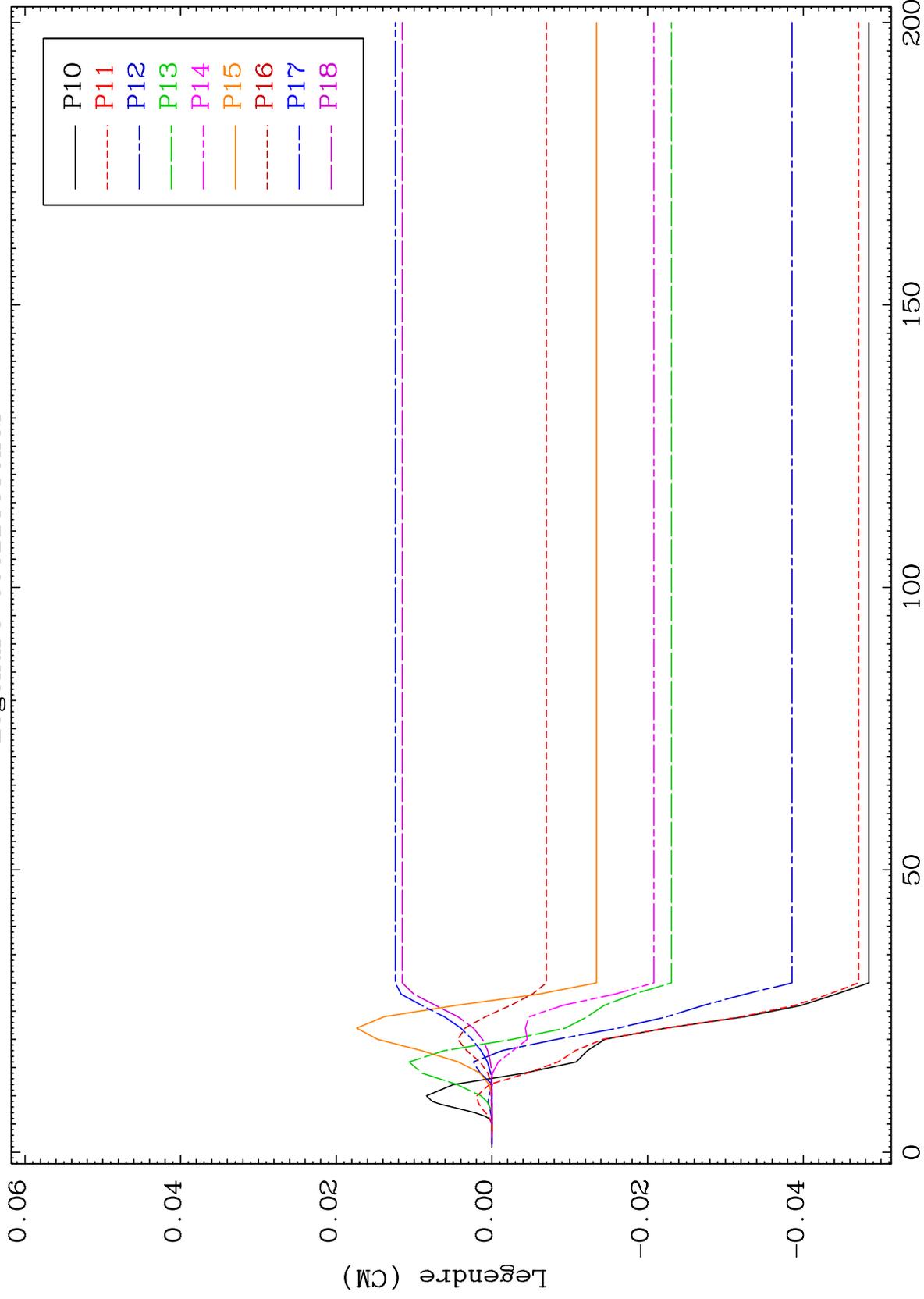
Incident Energy (MeV)

38

MAT 5792

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

58-Ce-125



39

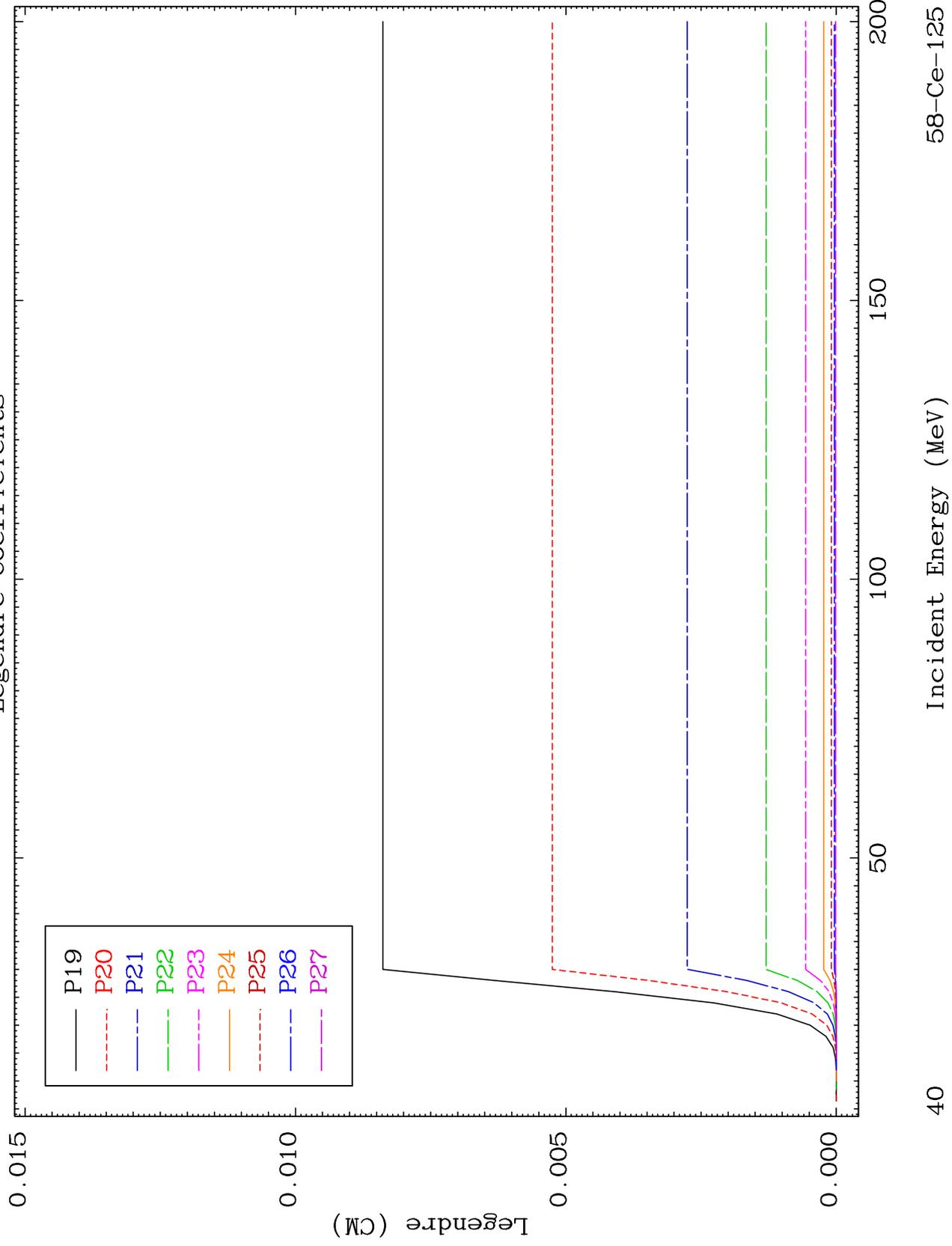
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

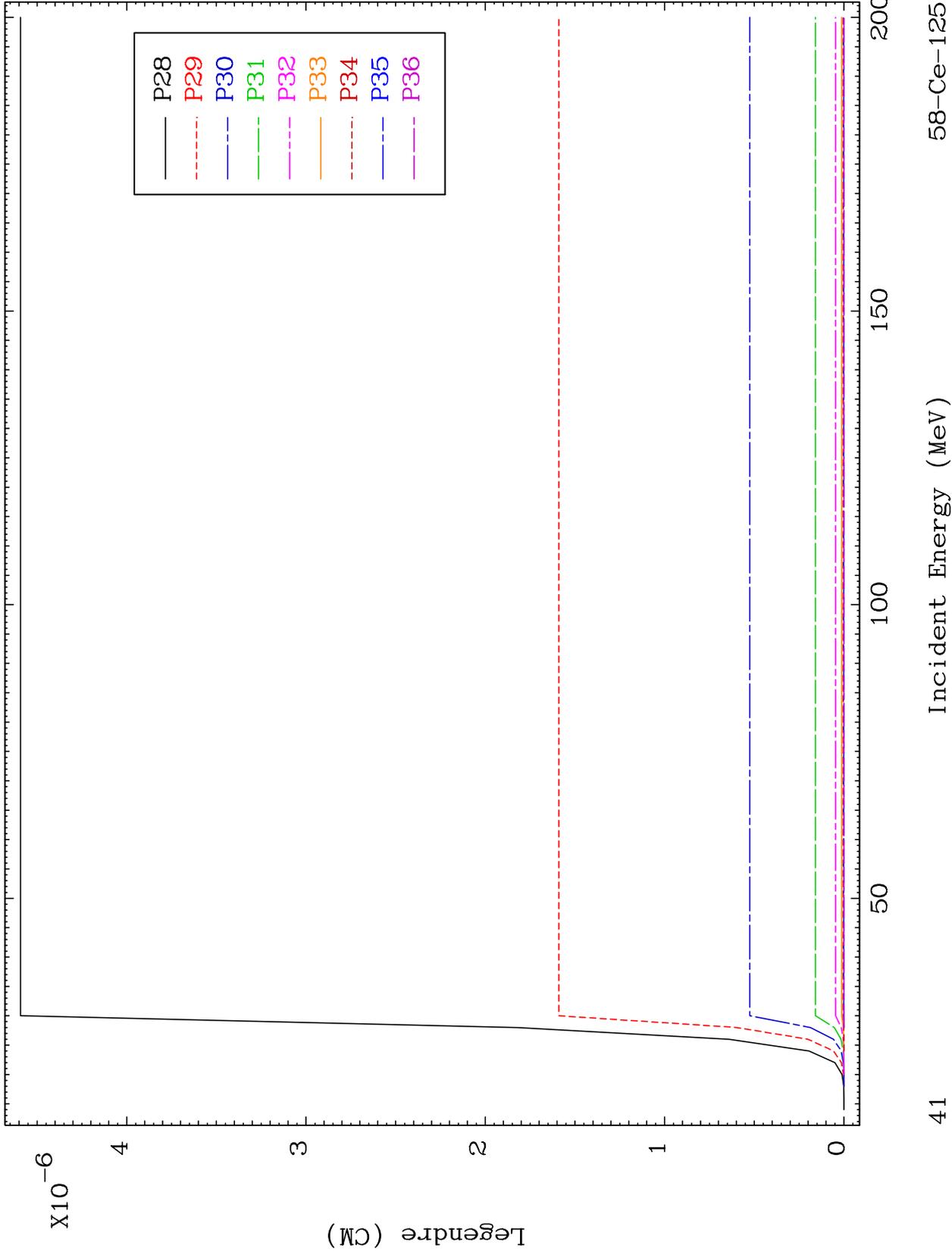
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MAT 5792

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

58-Ce-125



41

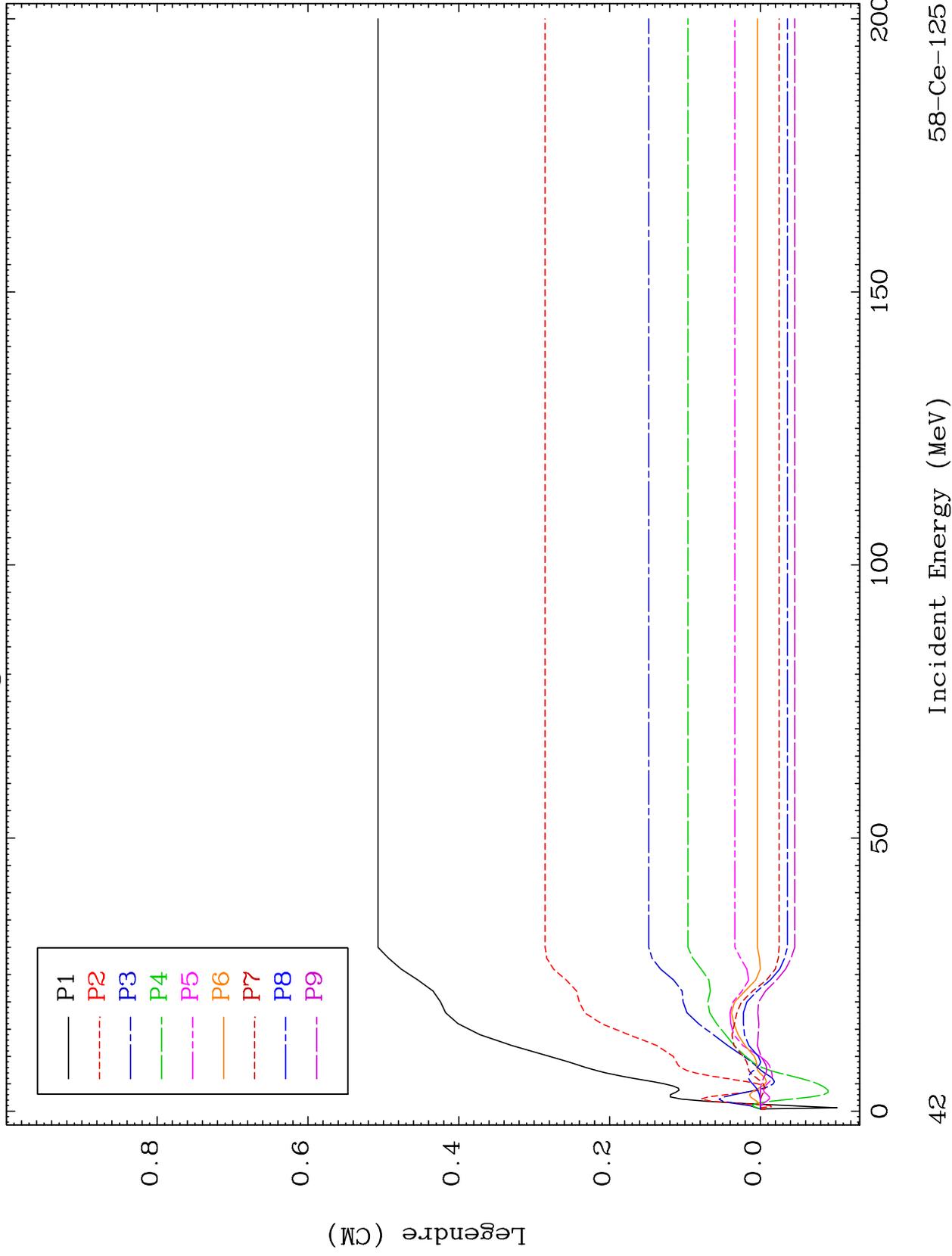
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



58-Ce-125

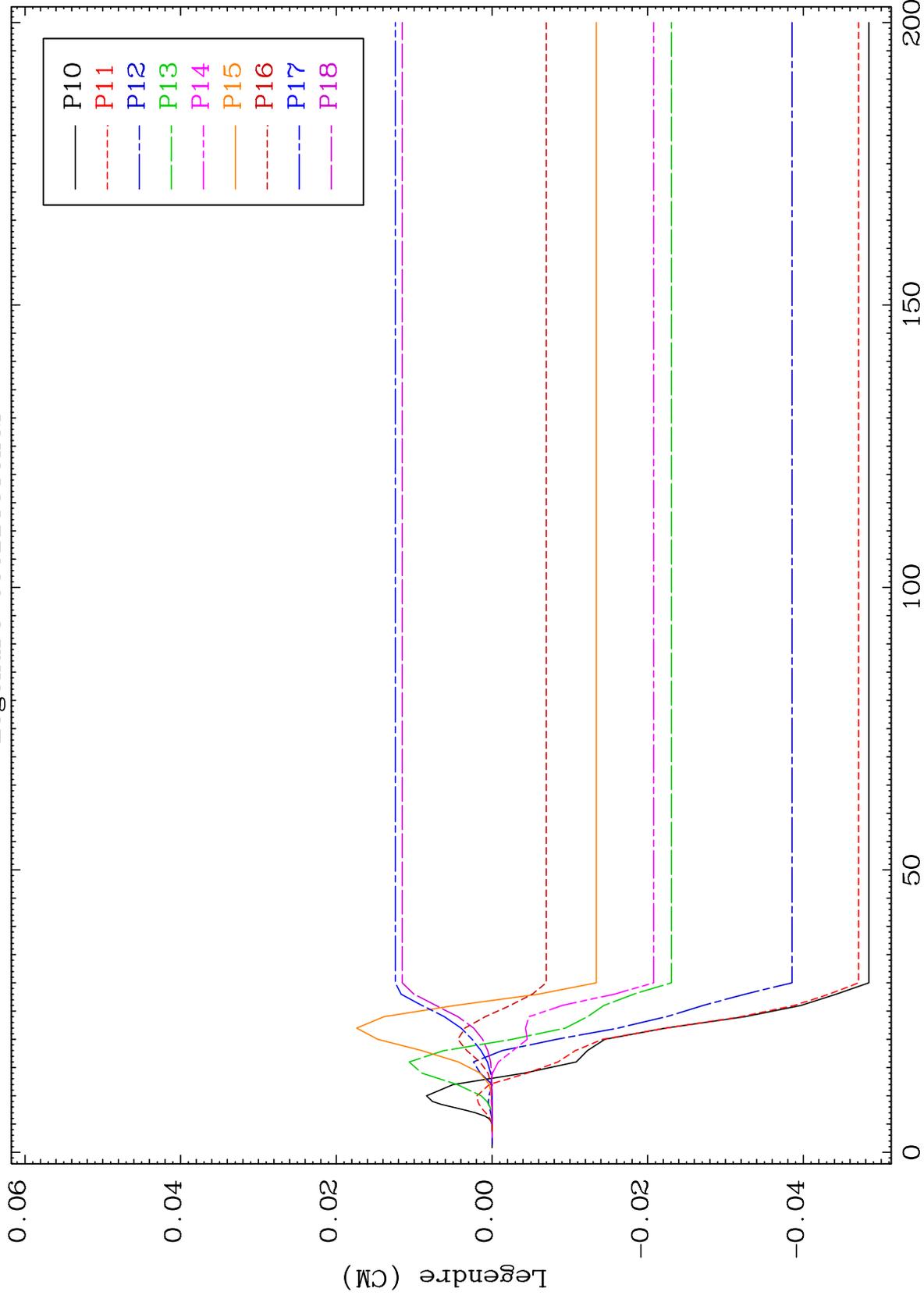
Incident Energy (MeV)

42

MAT 5792

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

58-Ce-125



43

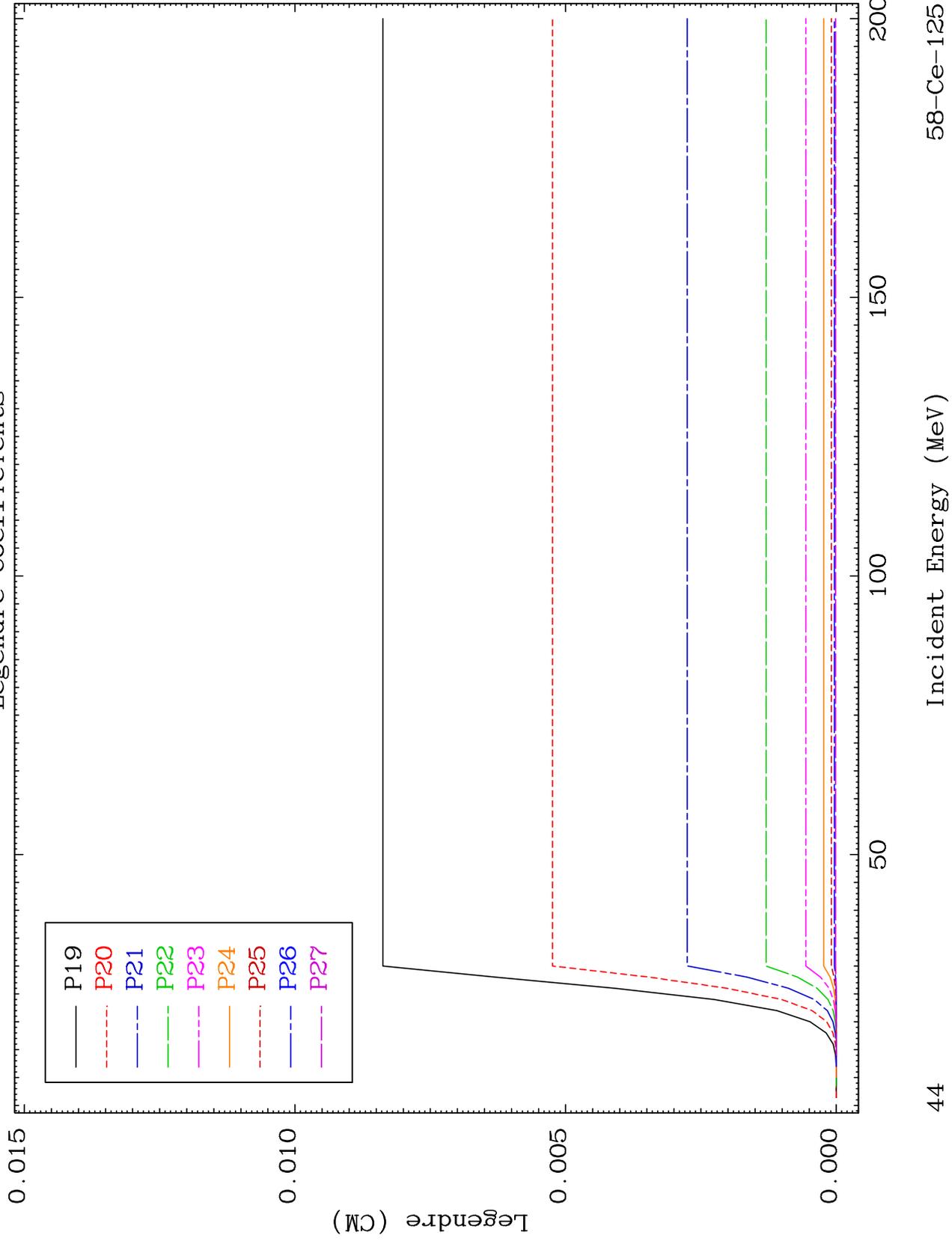
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



44

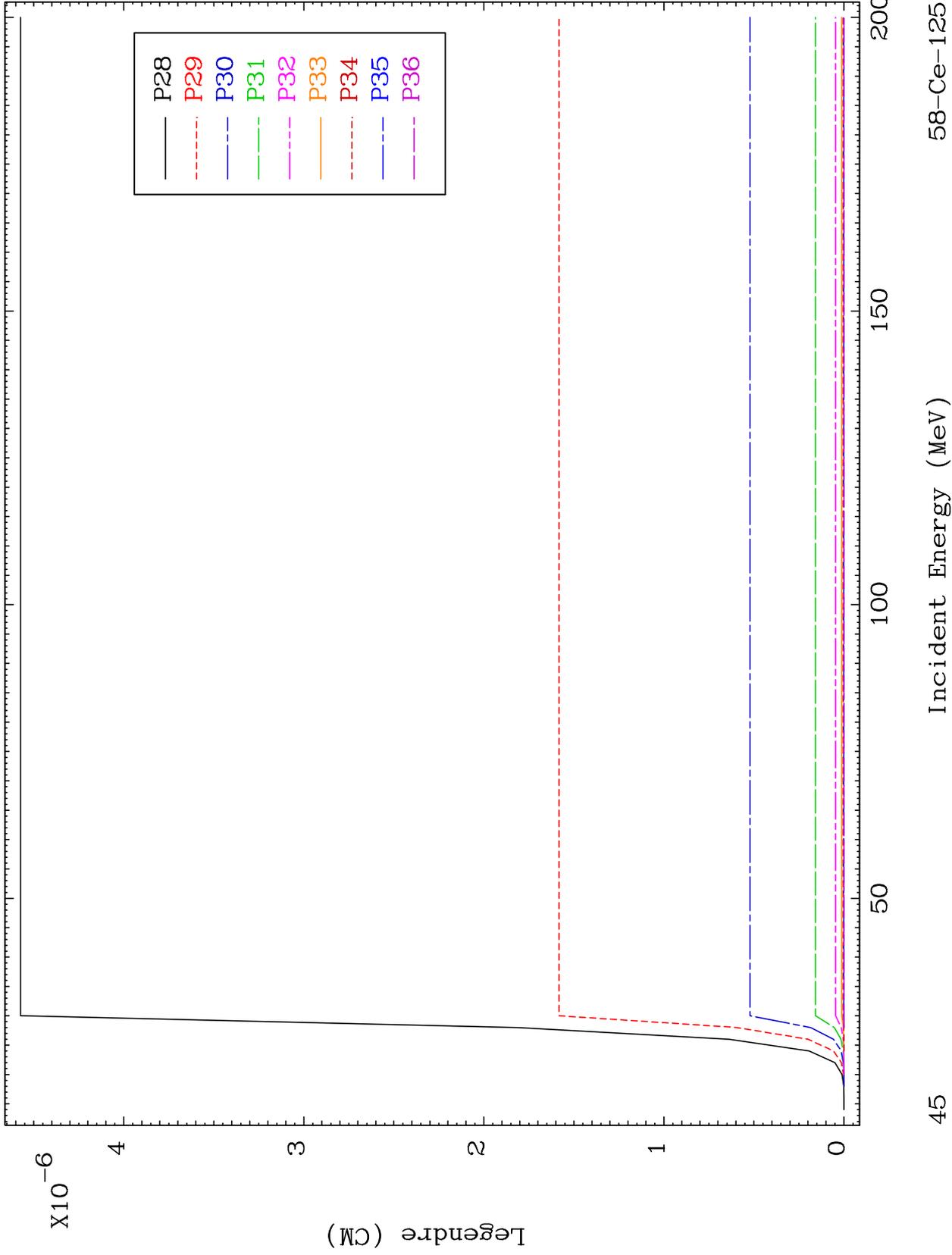
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

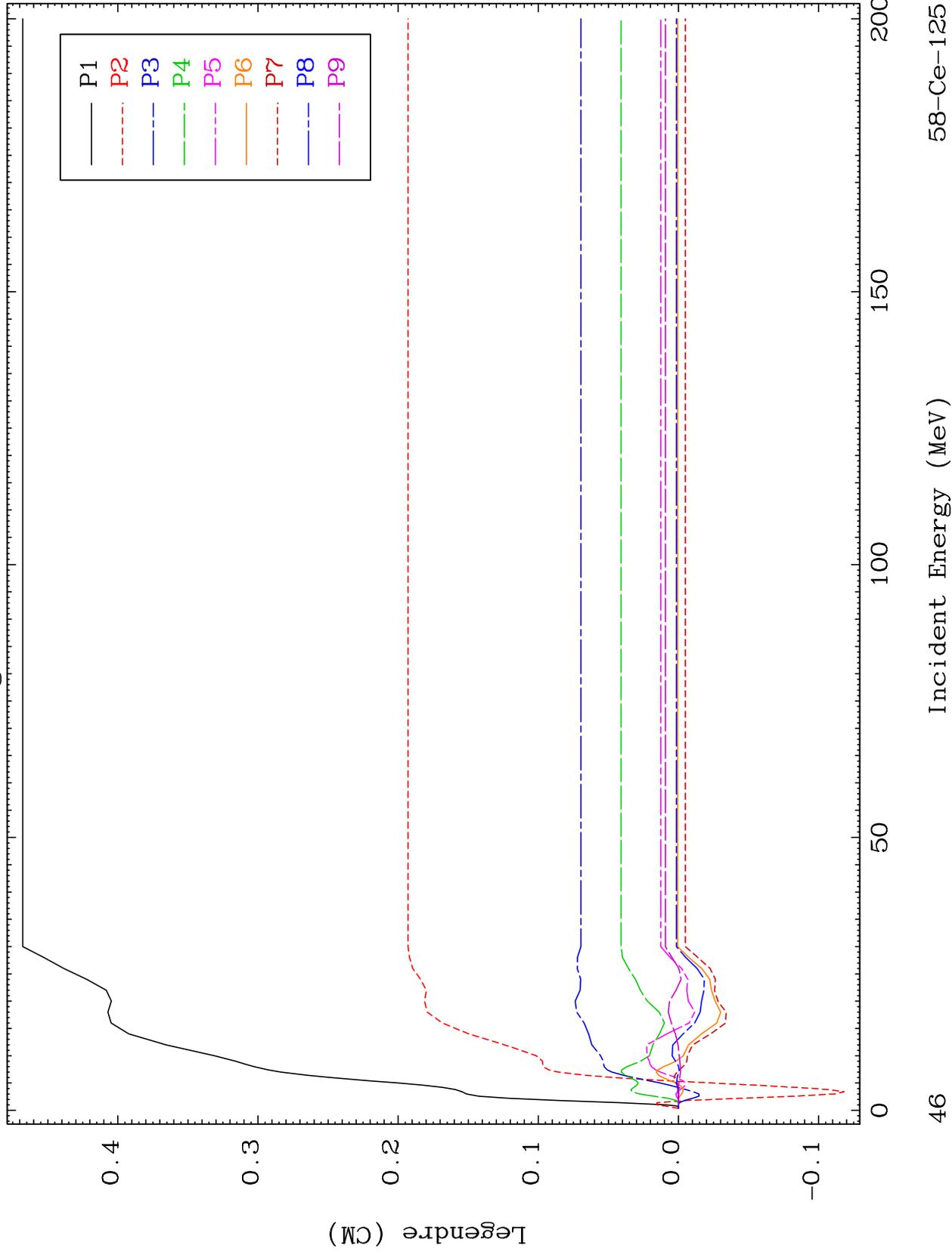
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MAT 5792

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

58-Ce-125



58-Ce-125

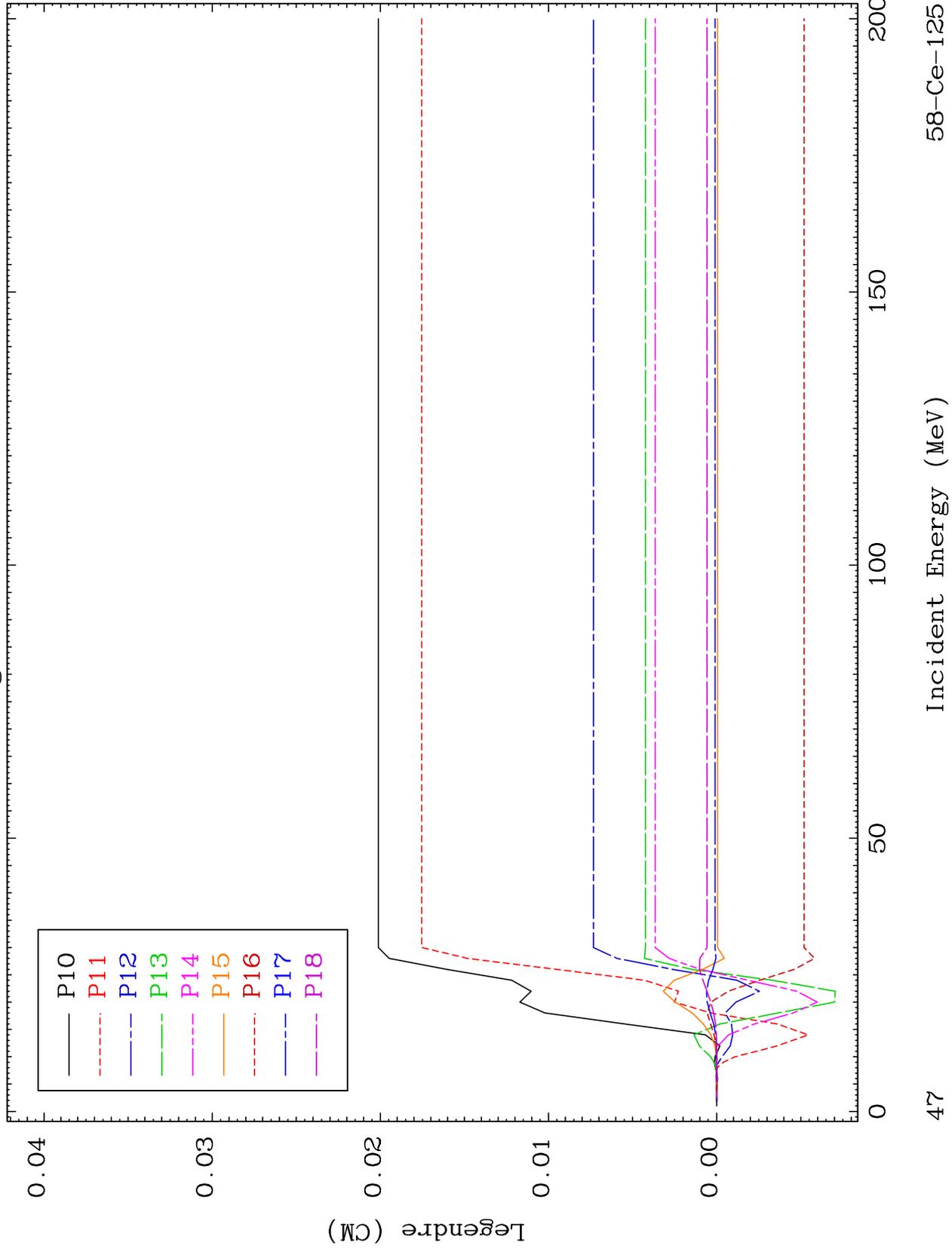
Incident Energy (MeV)

46

MAT 5792

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

58-Ce-125



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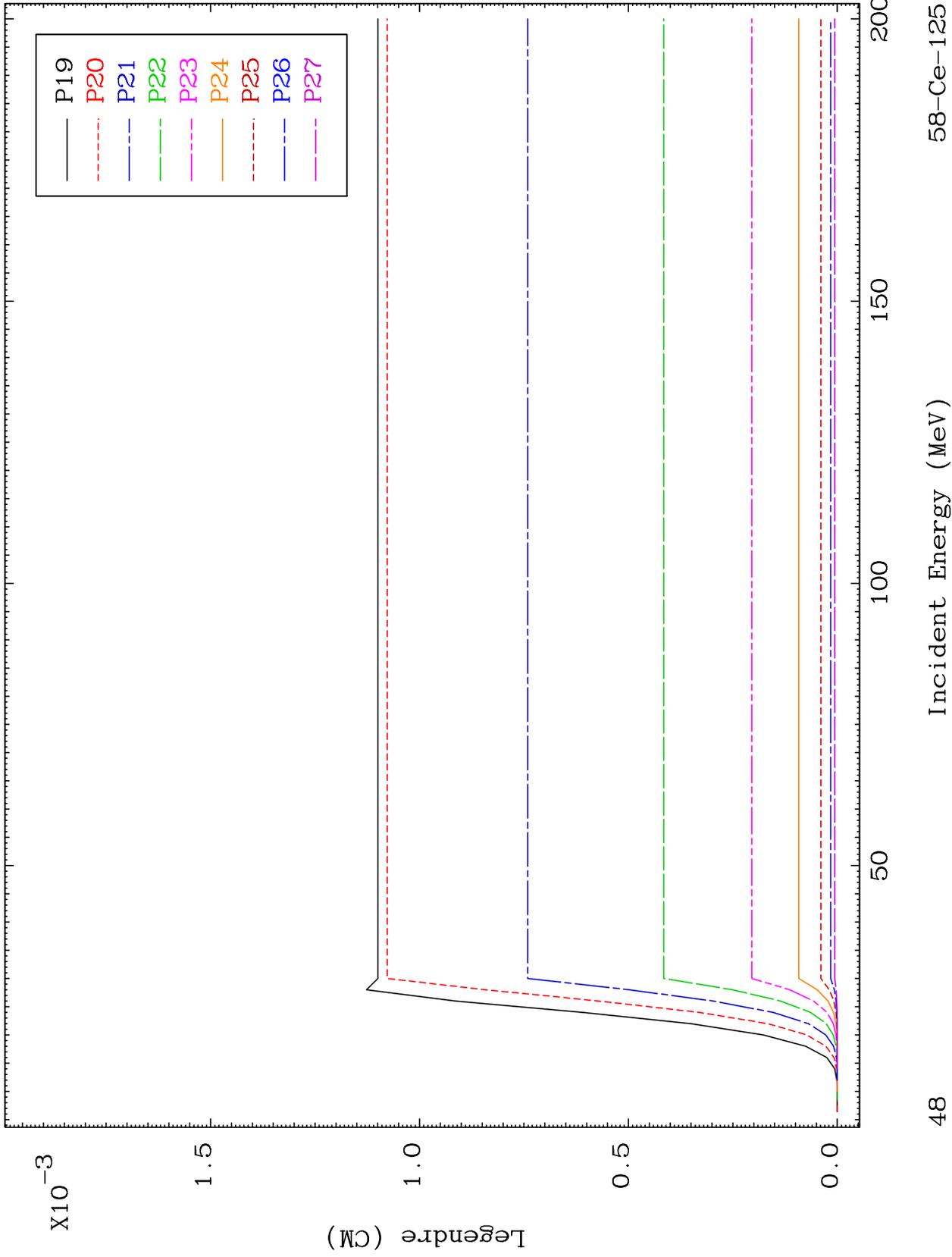
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

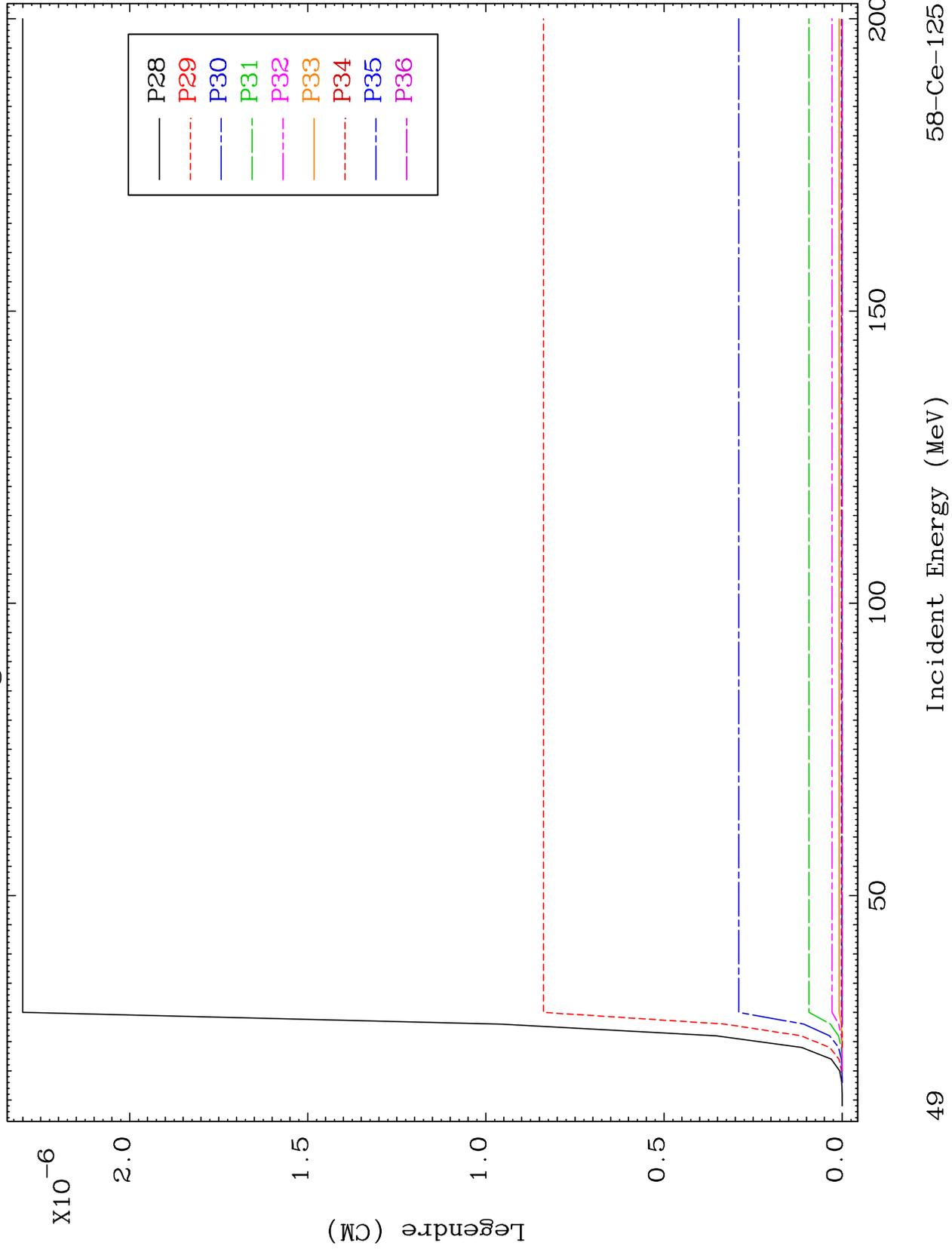
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MAT 5792

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

58-Ce-125

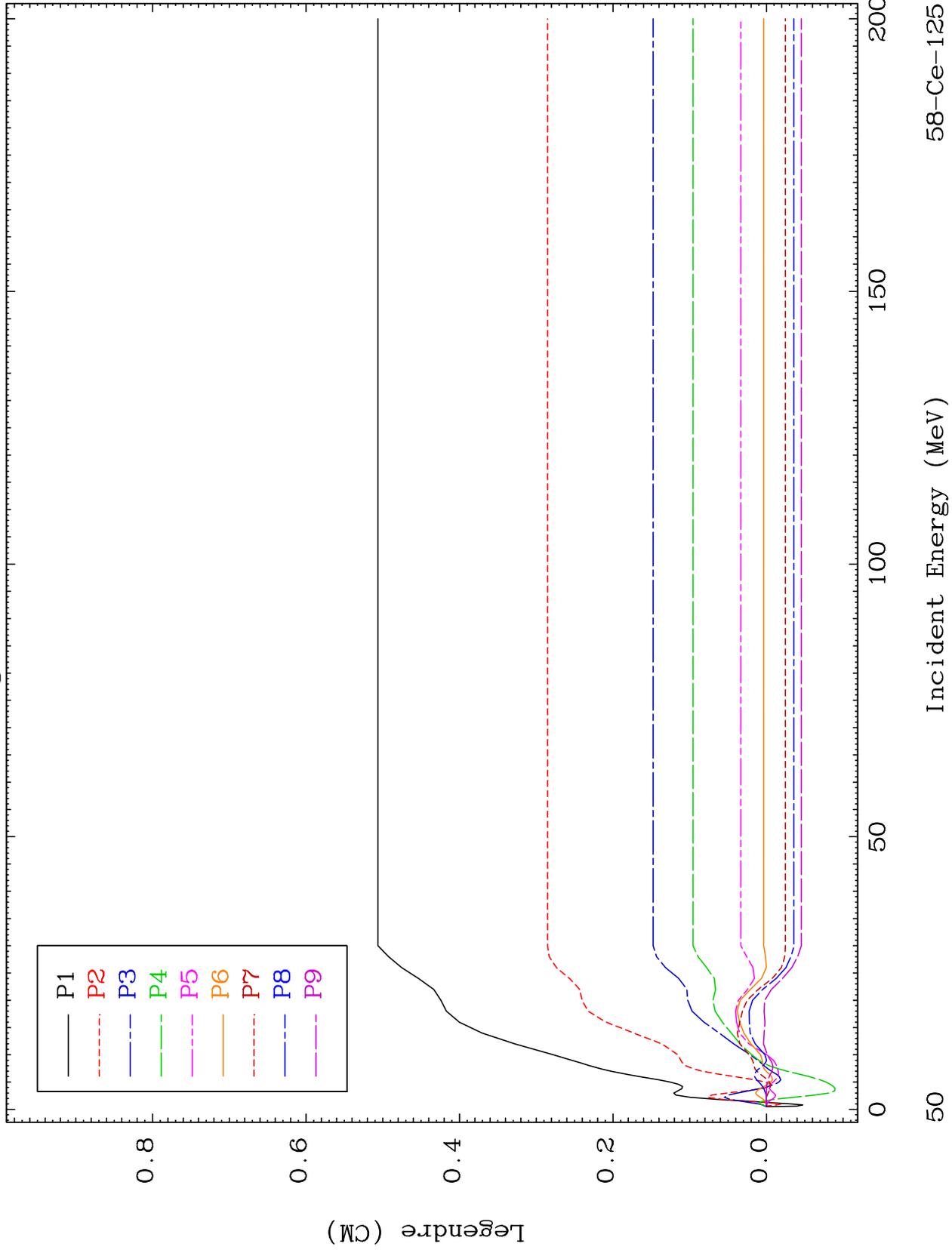


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MAT 5792

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

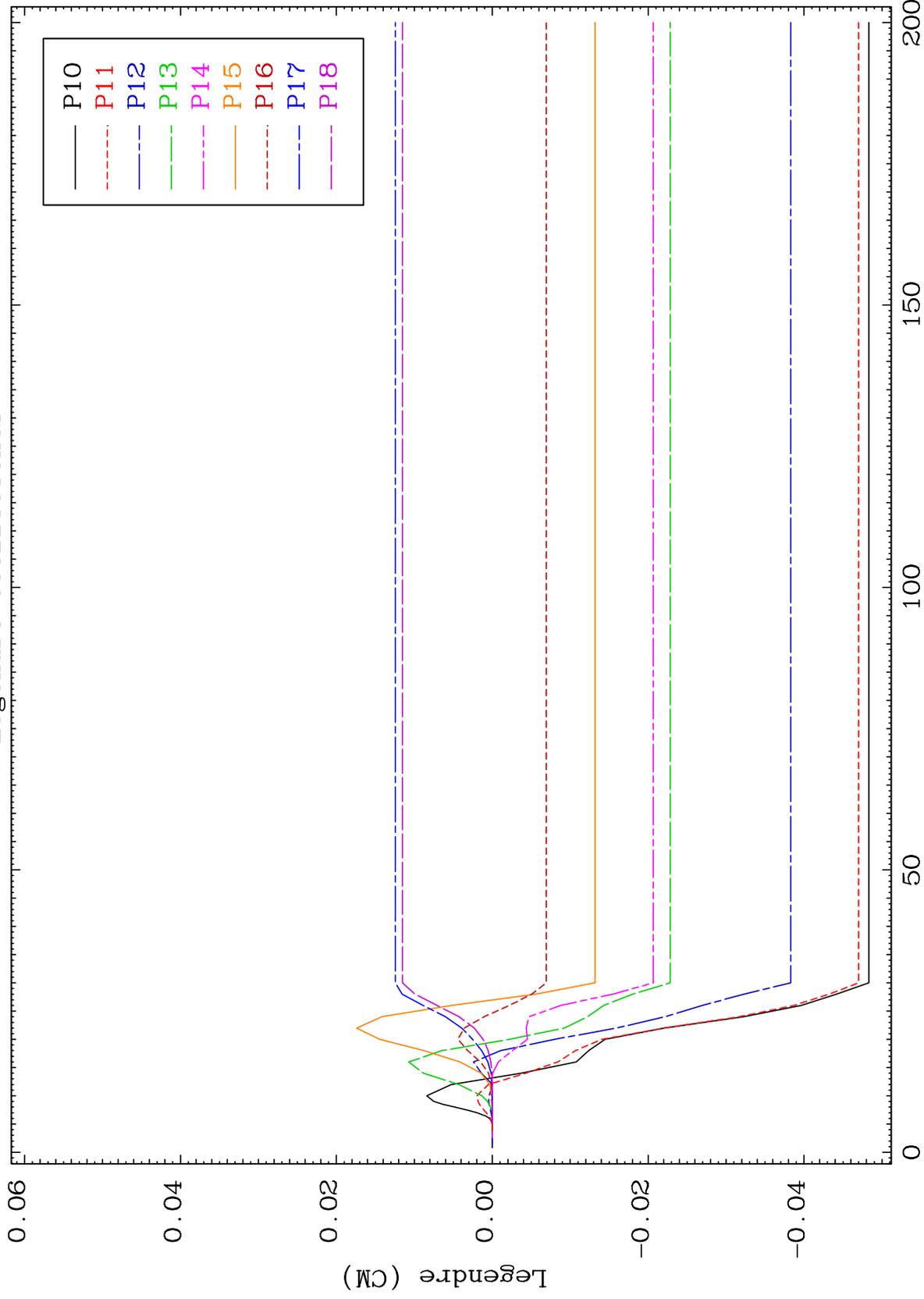
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MAT 5792

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

58-Ce-125



51

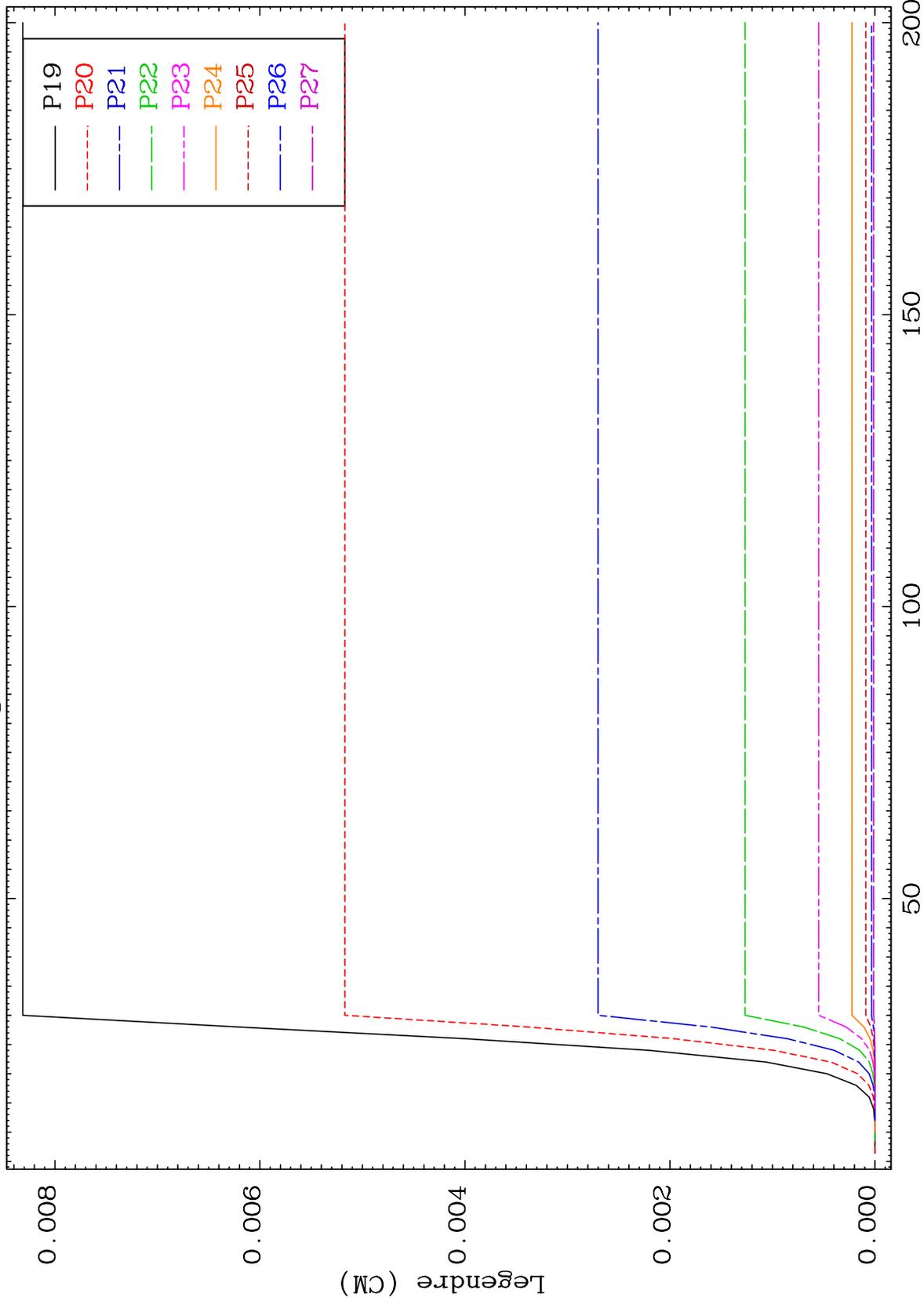
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



52

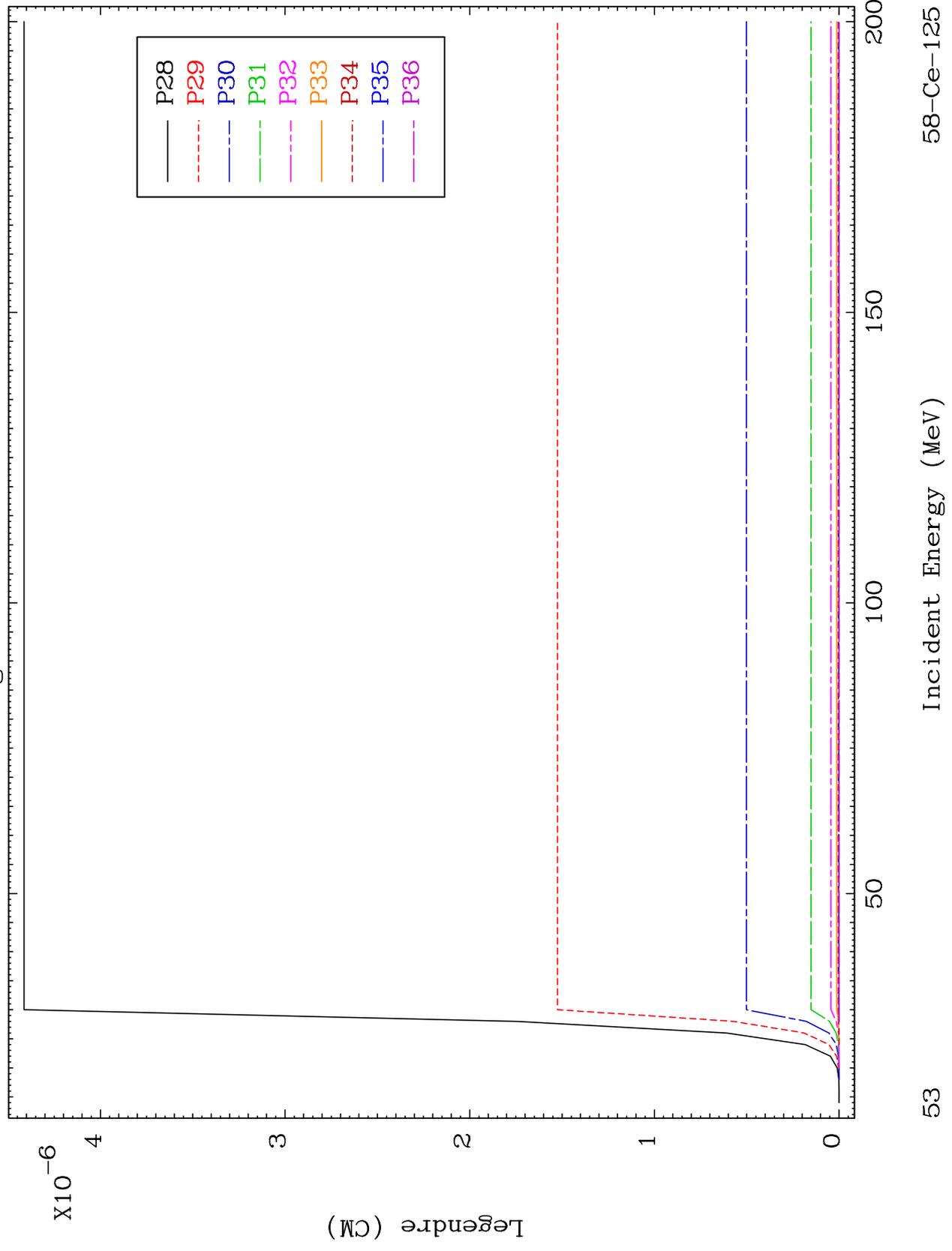
Incident Energy (MeV)

58-Ce-125

MAT 5792

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

58-Ce-125



53

Incident Energy (MeV)

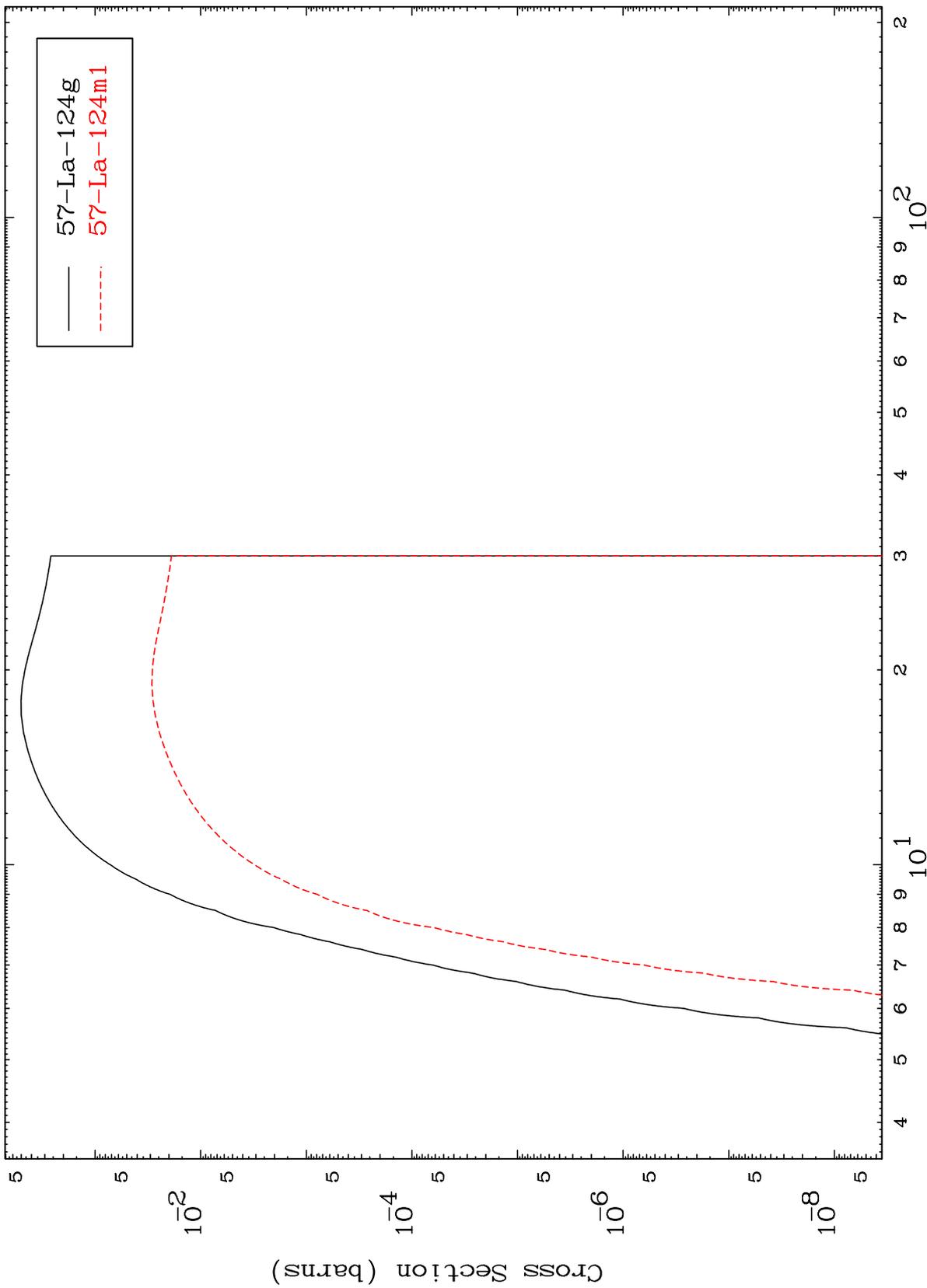
58-Ce-125

MAT 5792

(n,n') p

58-Ce-125

Radionuclide Production Cross Section



54

Incident Energy (MeV)

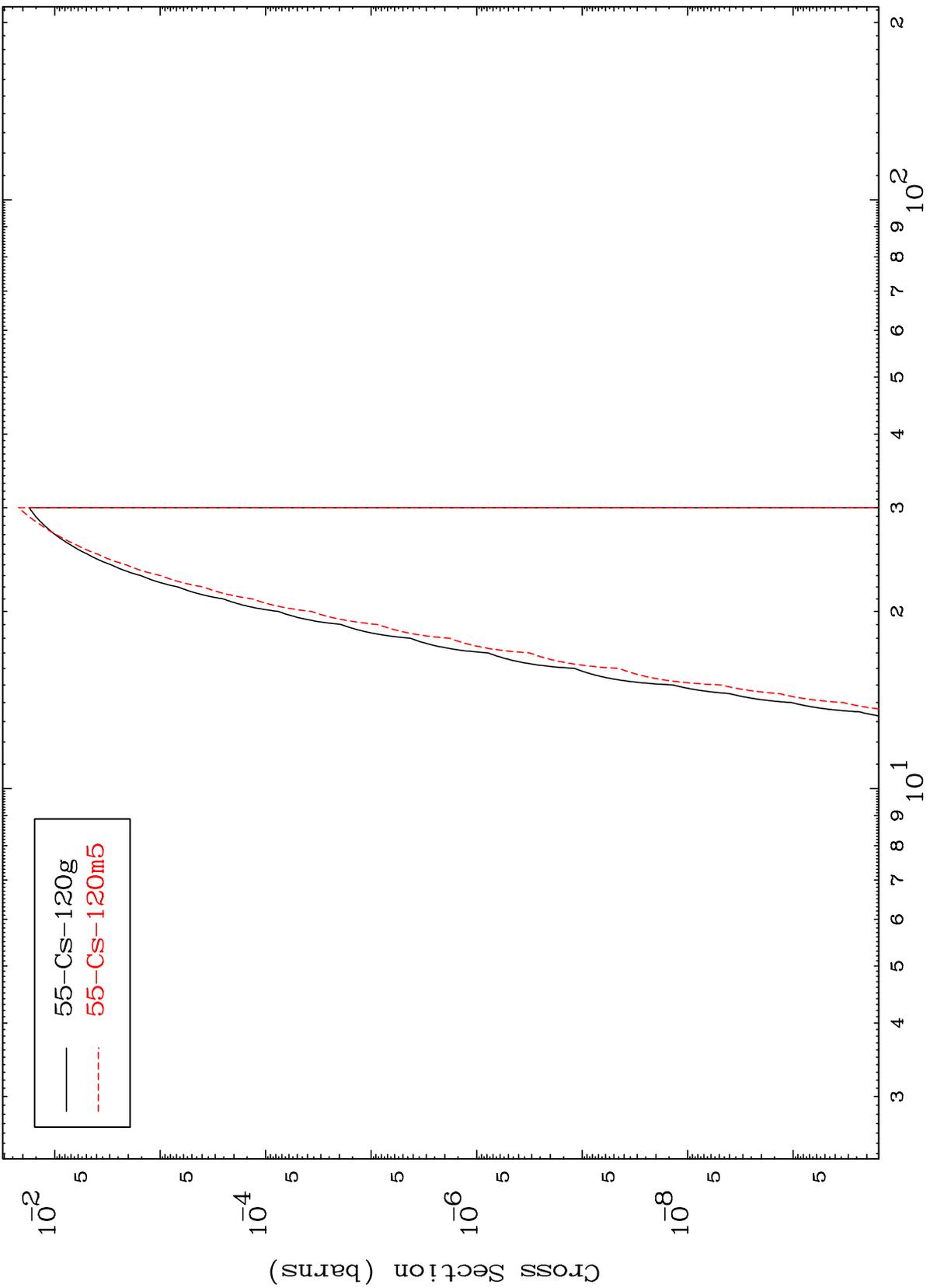
58-Ce-125

MAT 5792

(n,n') p α

58-Ce-125

Radionuclide Production Cross Section



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

55

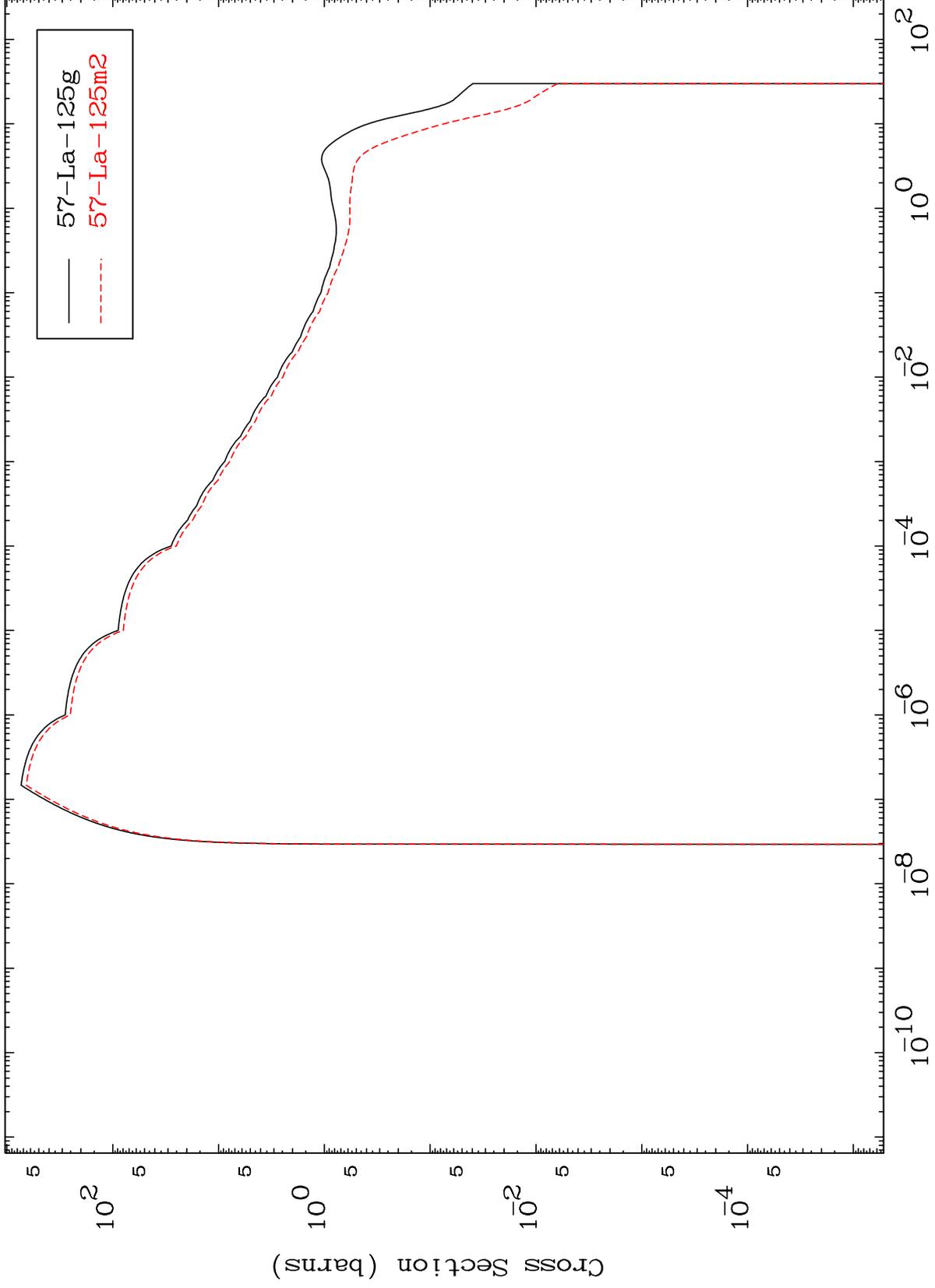
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

(n,p)
Radionuclide Production Cross Section



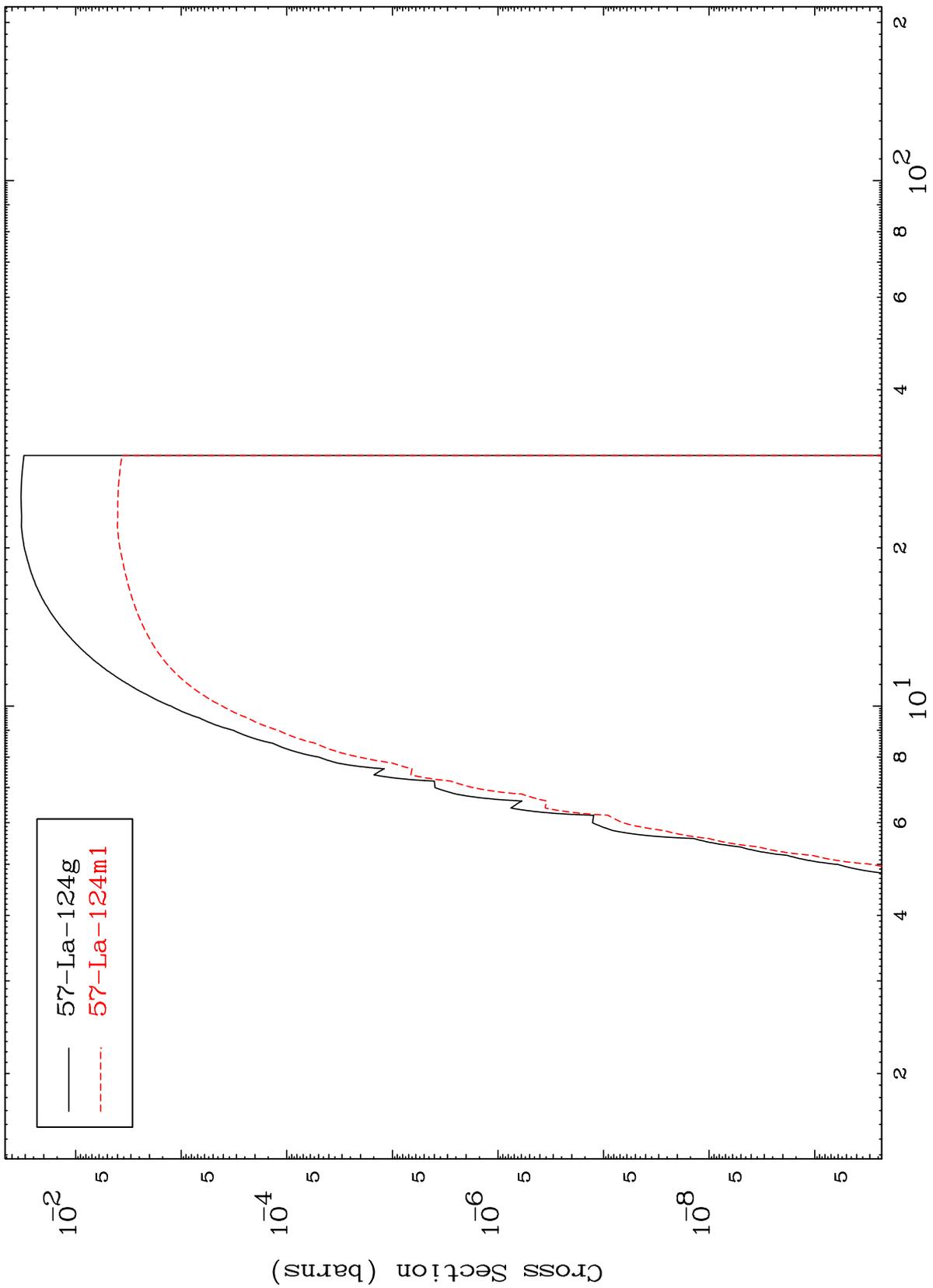
56

58-Ce-125

MAT 5792

58-Ce-125

(n,d)
Radionuclide Production Cross Section



— 57-La-124g
- - - 57-La-124m1

Incident Energy (MeV)

58-Ce-125

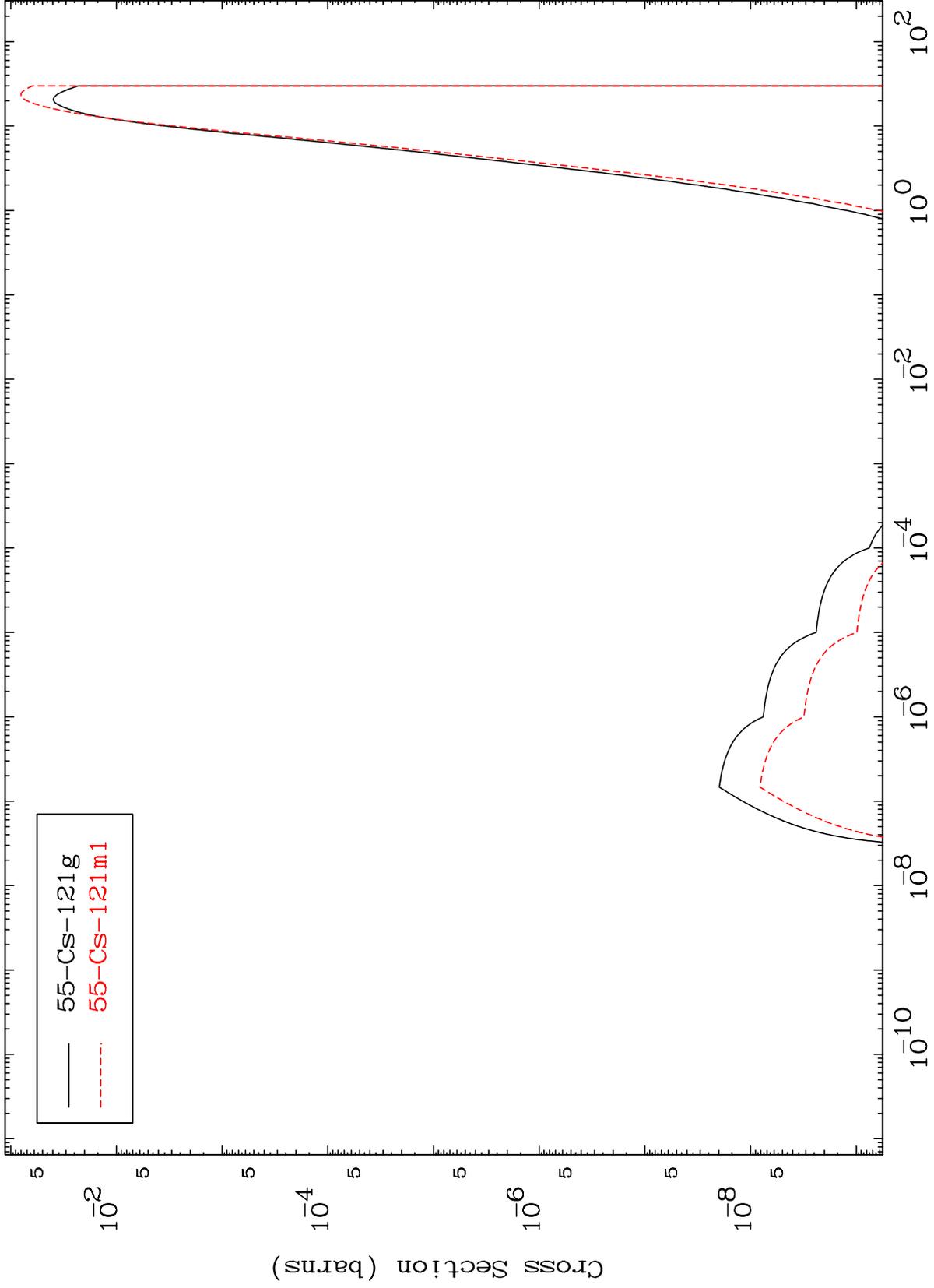
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MAT 5792

(n,p) α

58-Ce-125

Radionuclide Production Cross Section



58

Incident Energy (MeV)

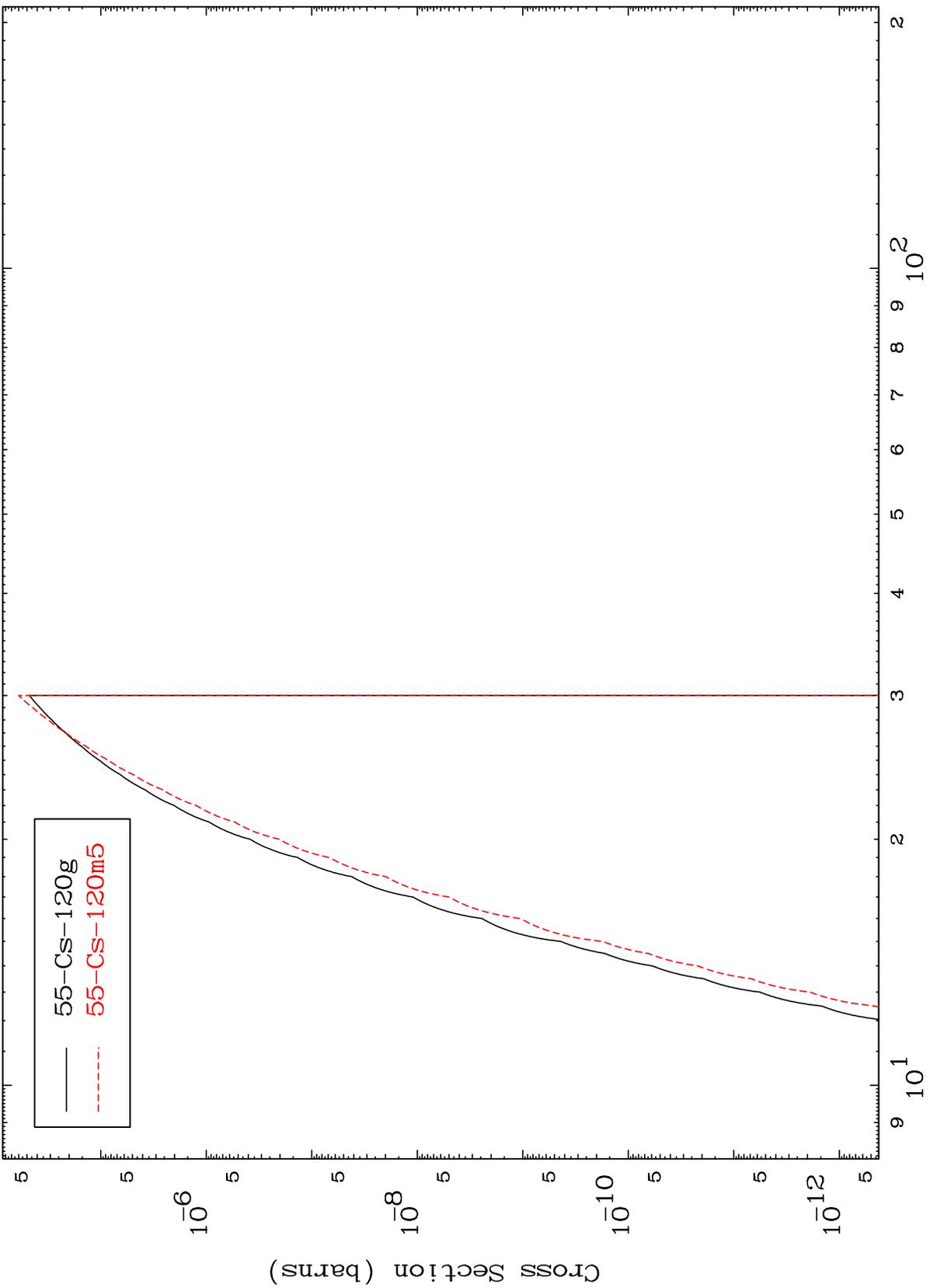
58-Ce-125

MAT 5792

(n,d) α

58-Ce-125

Radionuclide Production Cross Section



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

59

Incident Energy (MeV)

58-Ce-125