

Program EVALPLOT
(Version 2018-1)

by

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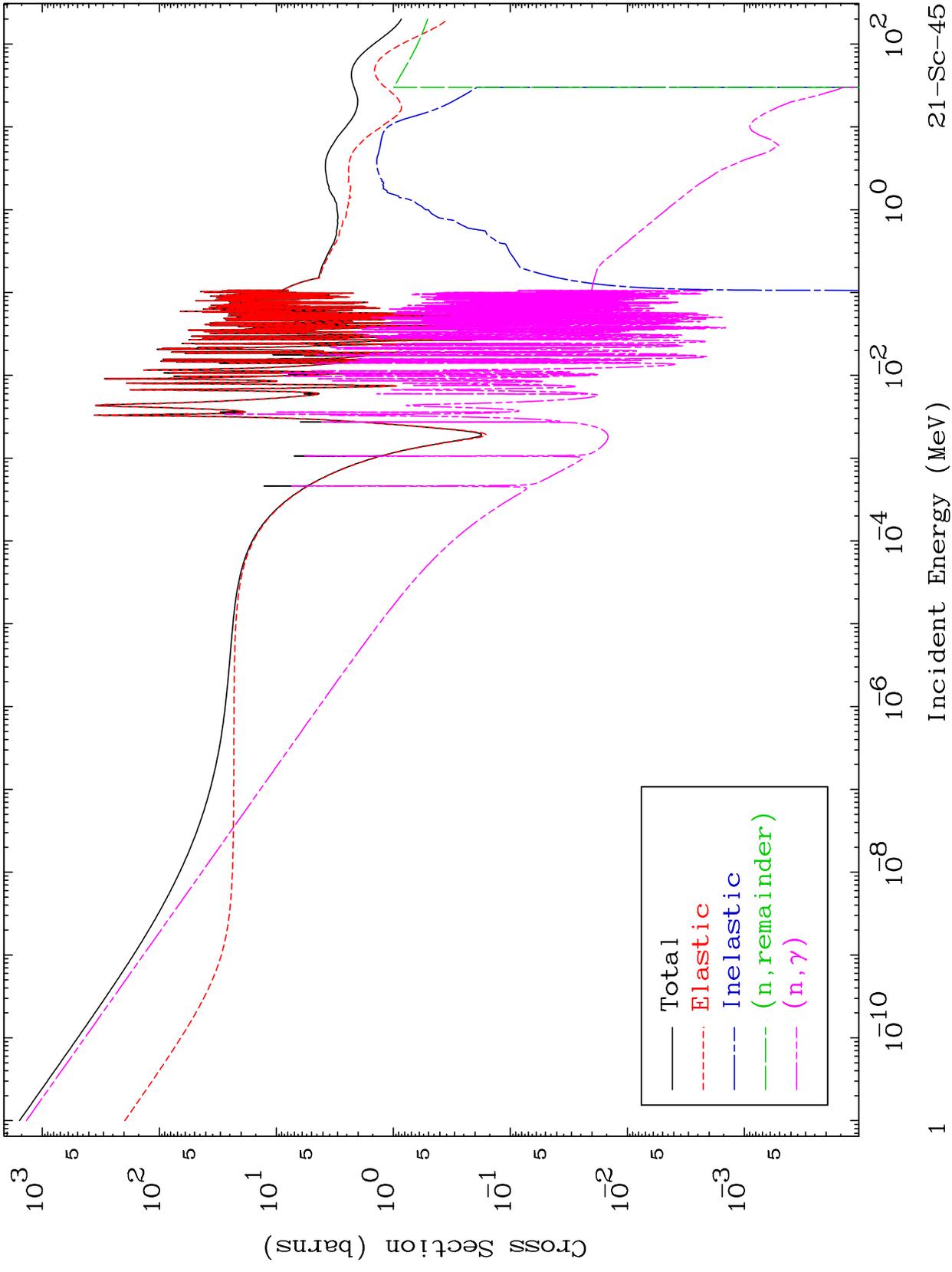
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2125

Major
293 Kelvin Cross Sections

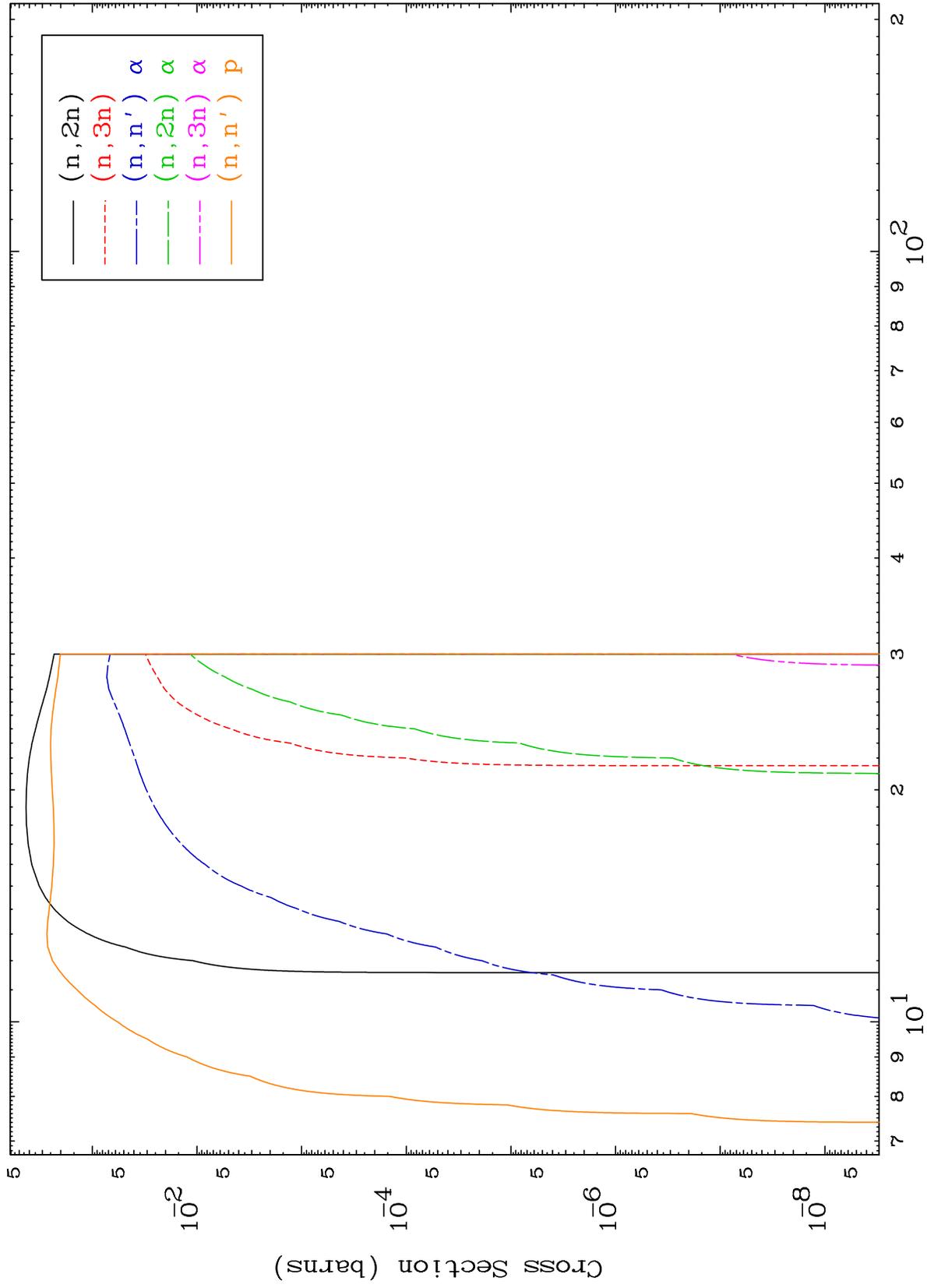
21-Sc-45



MAT 2125

Neutron Production
293 Kelvin Cross Sections

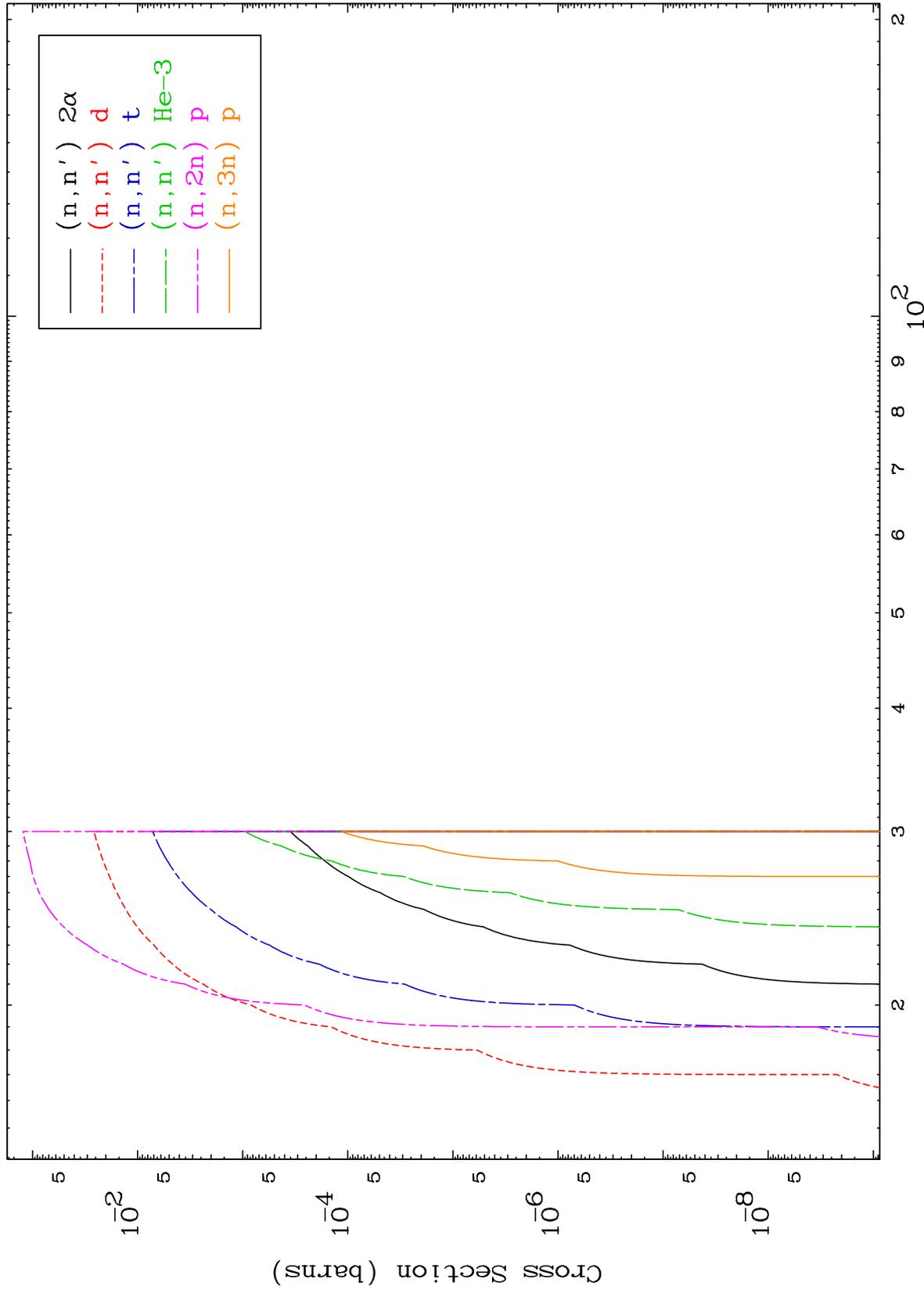
21-Sc-45



2

Incident Energy (MeV)

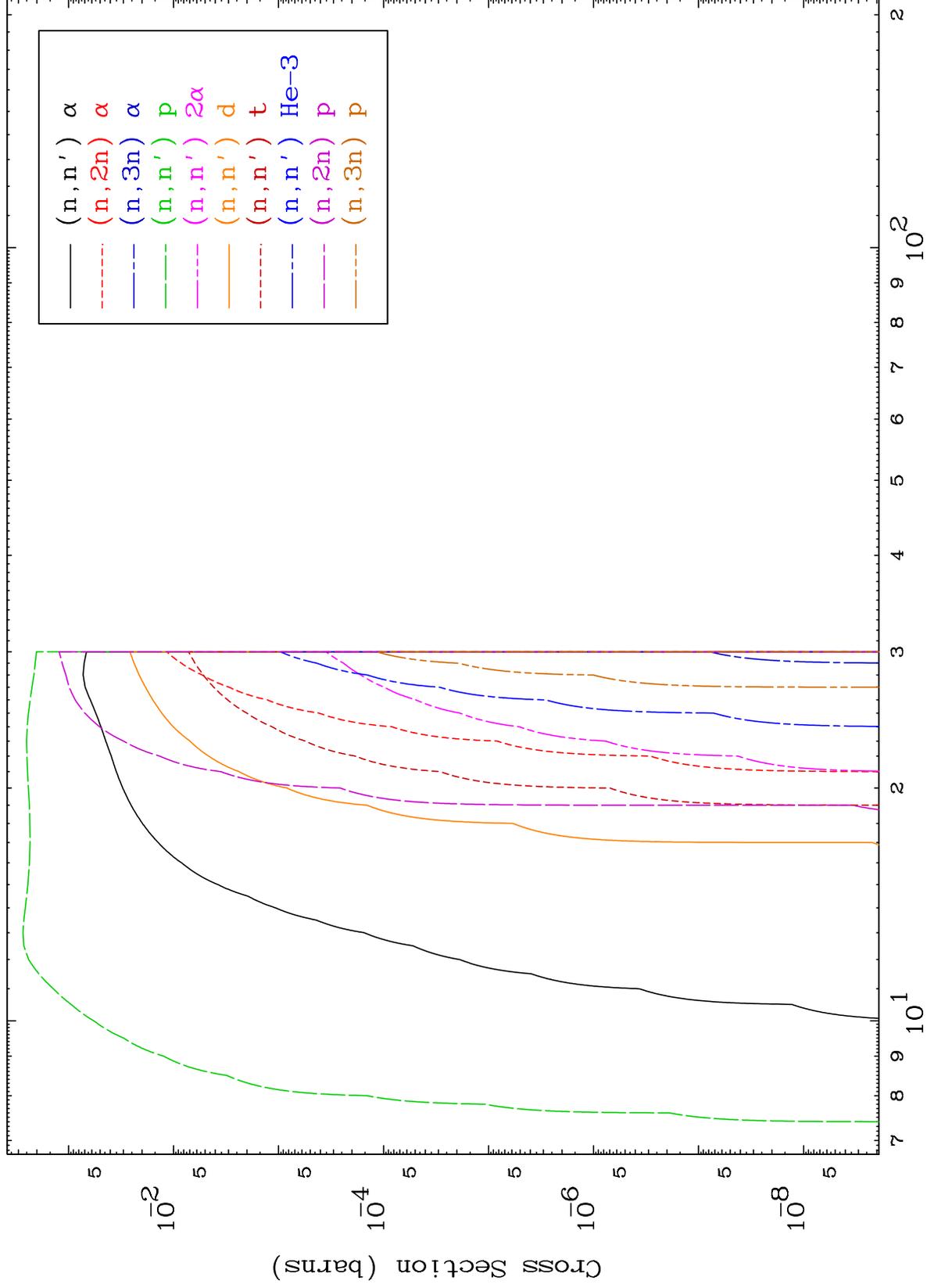
21-Sc-45



MAT 2125

Charged Particle
293 Kelvin Cross Sections

21-Sc-45



4

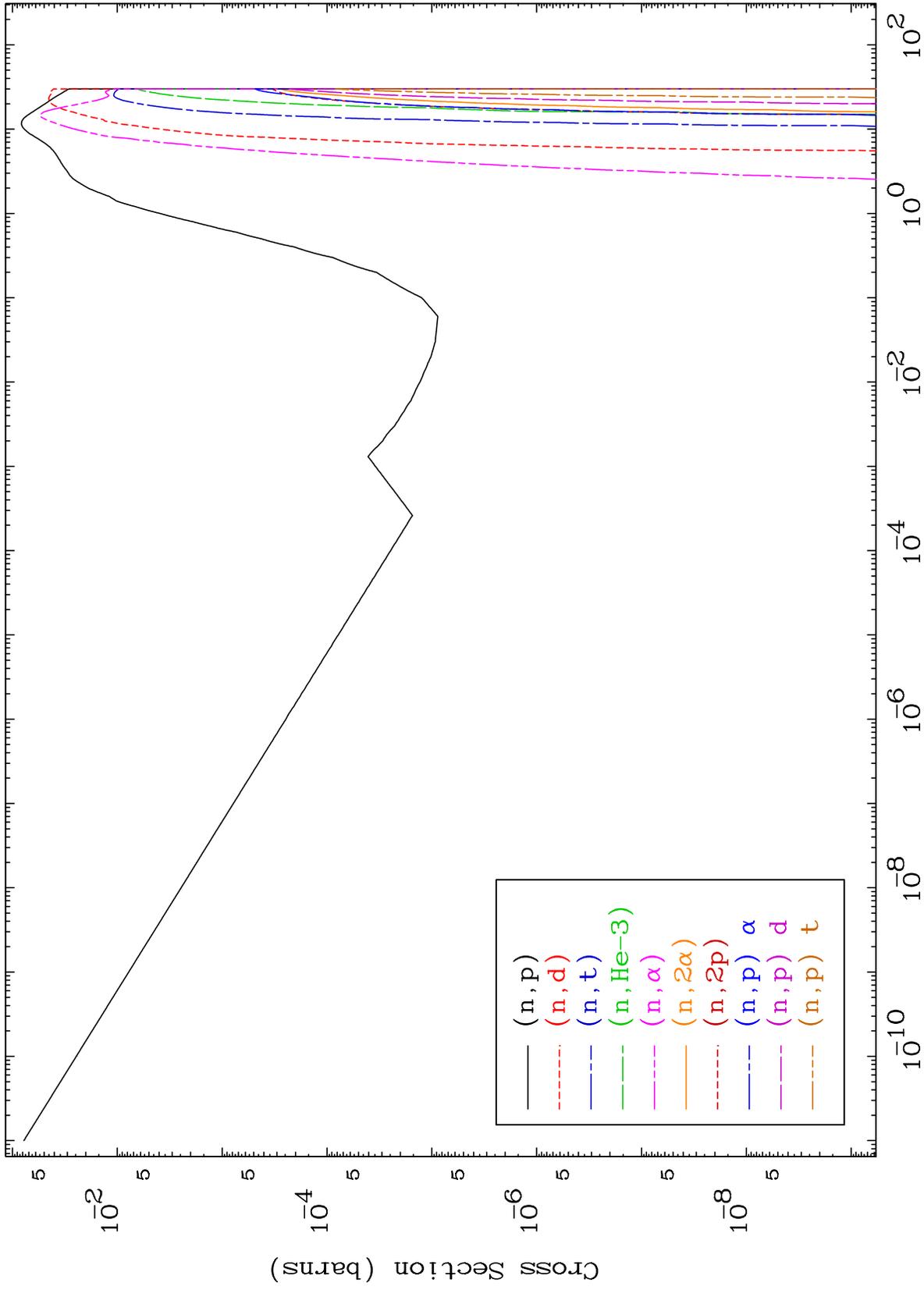
Incident Energy (MeV)

21-Sc-45

MAT 2125

Charged Particle
293 Kelvin Cross Sections

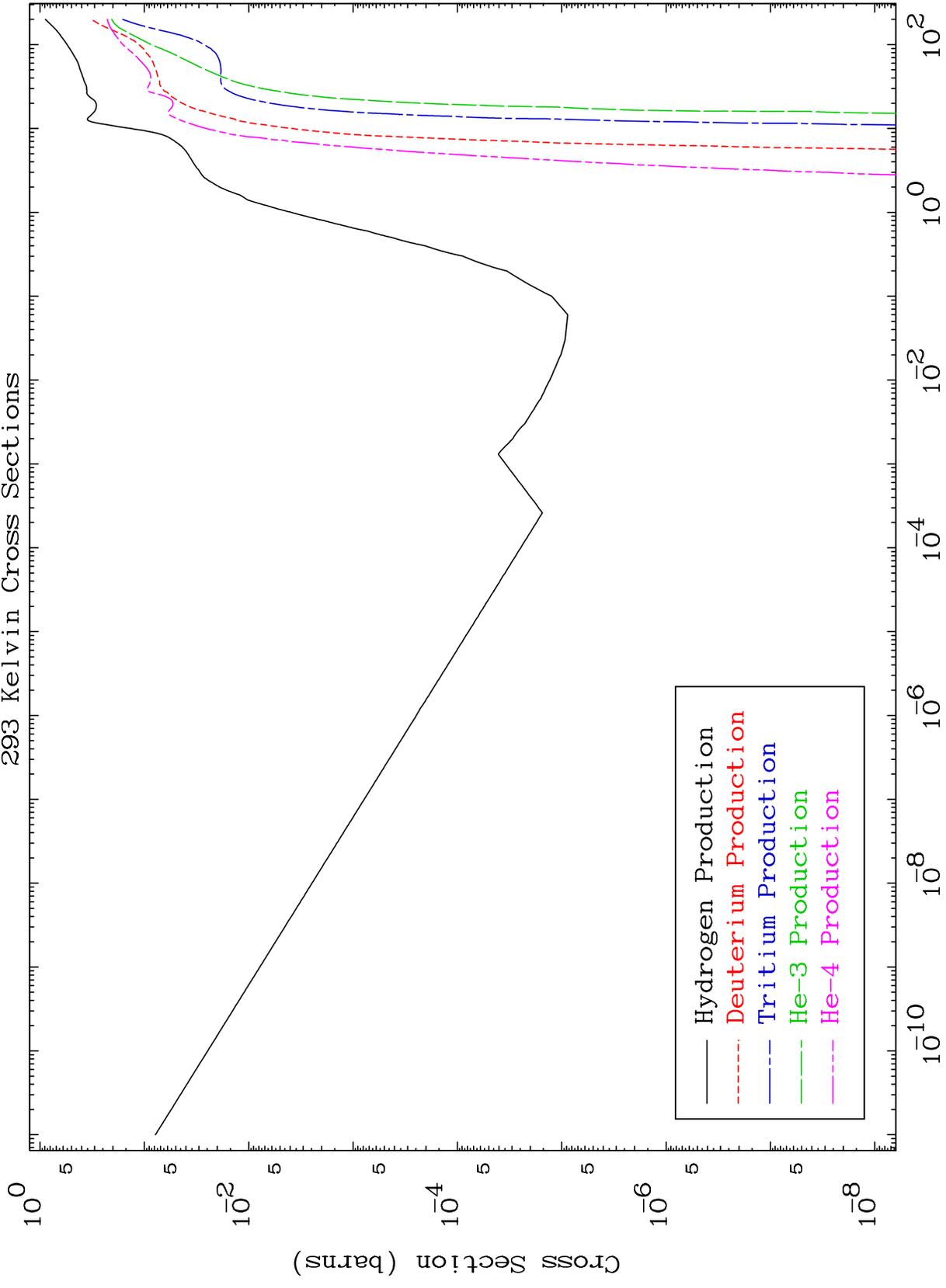
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MAT 2125

Particle Production
293 Kelvin Cross Sections

21-Sc-45

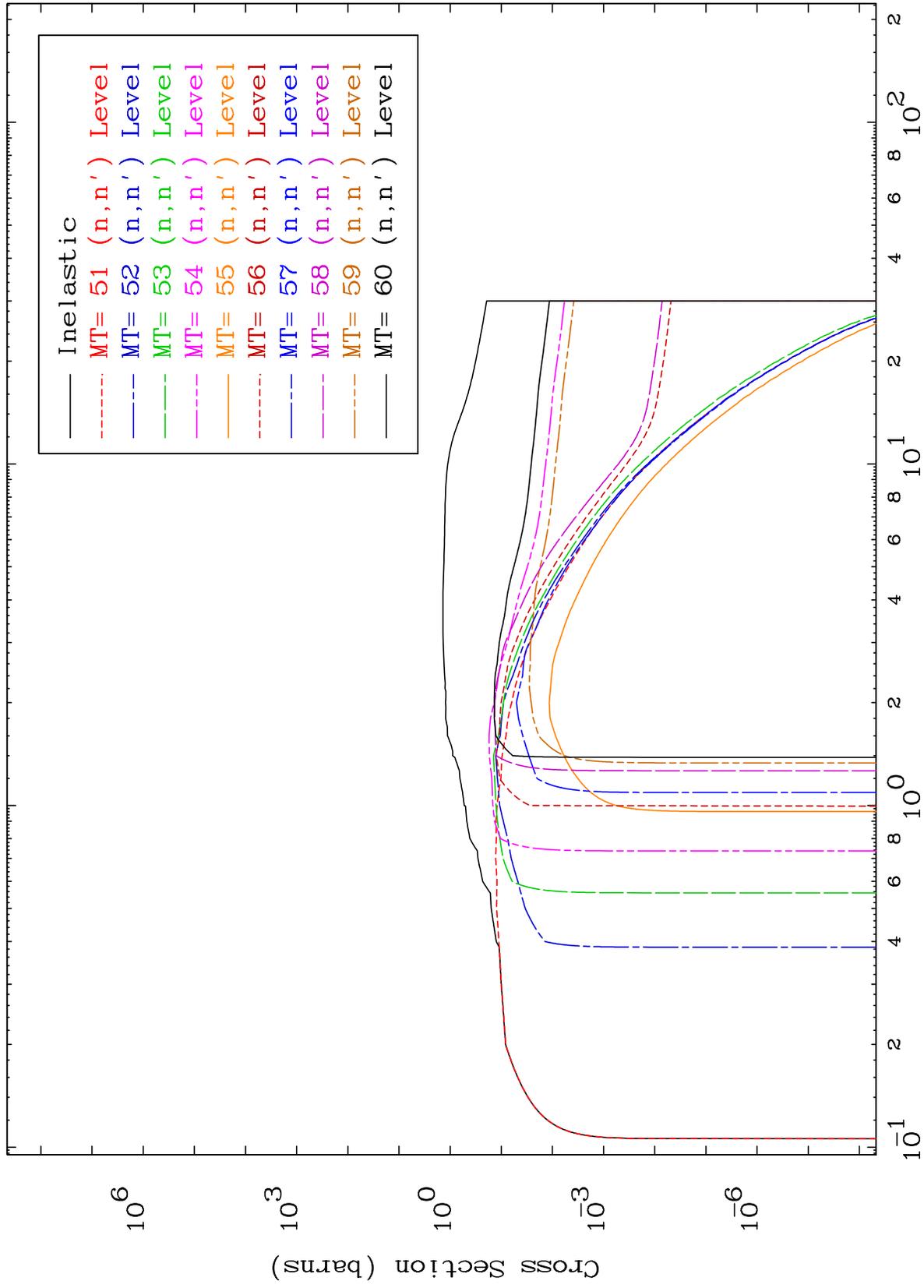


MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



Incident Energy (MeV)

21-Sc-45

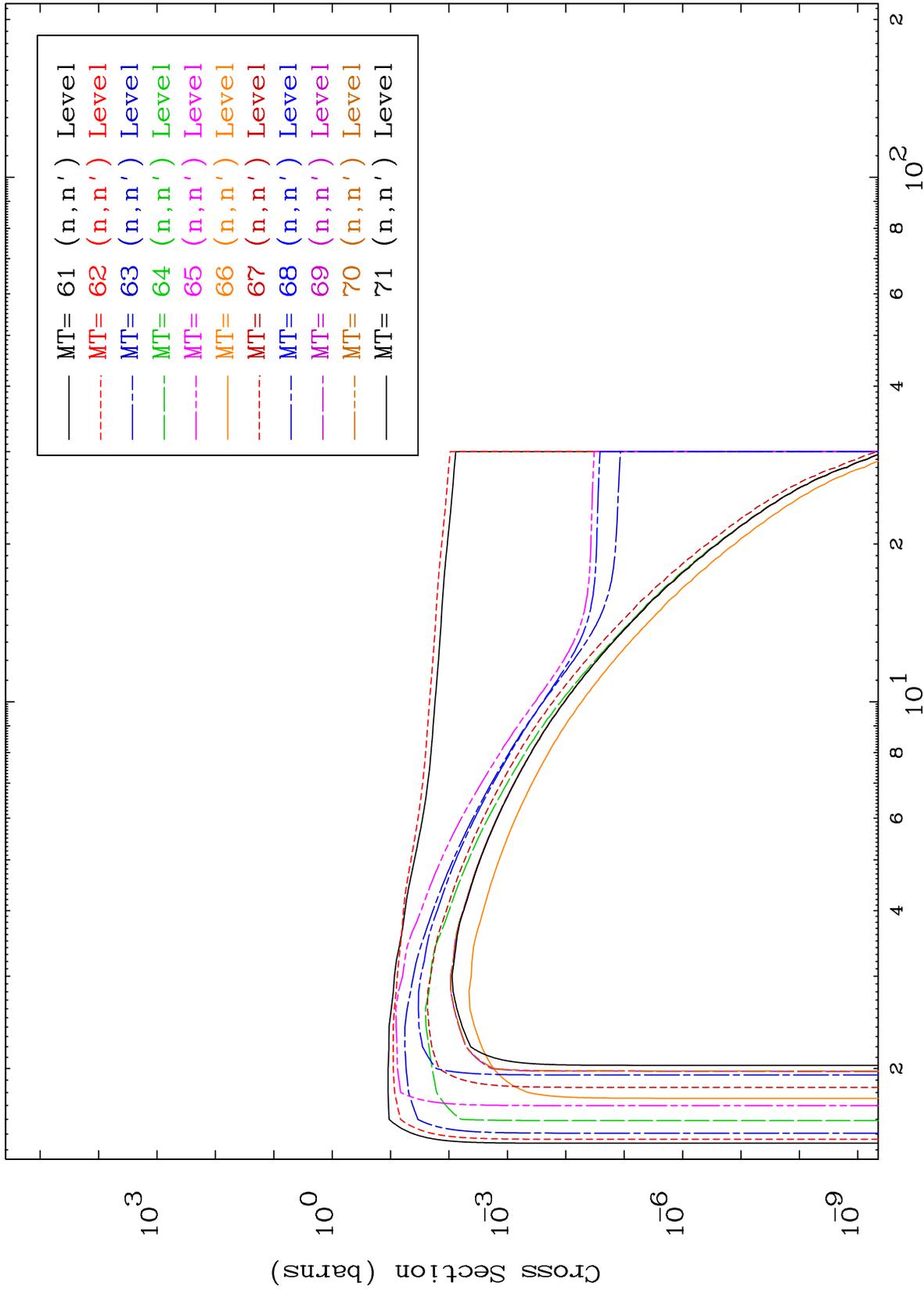
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MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



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Incident Energy (MeV)

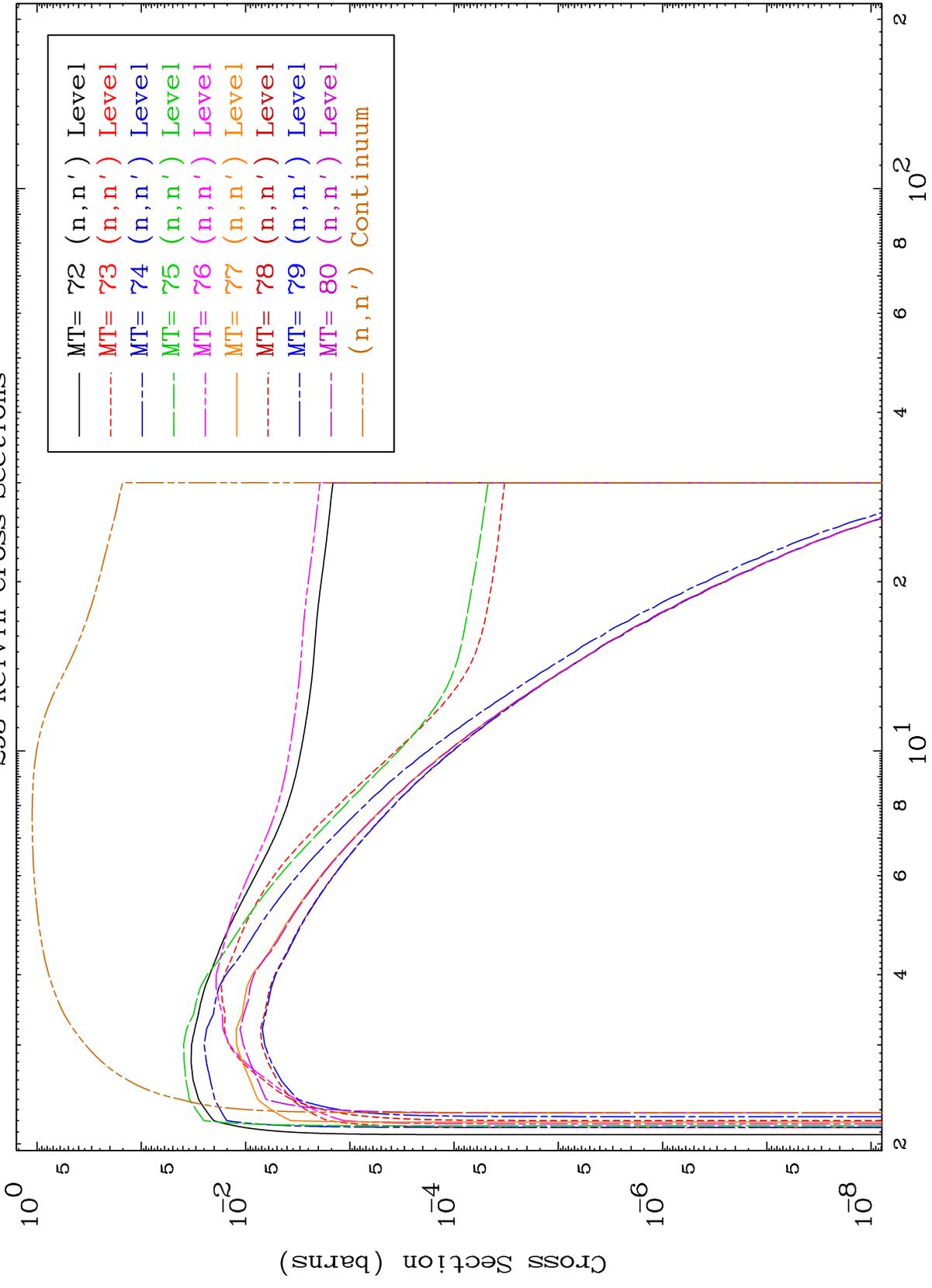
21-Sc-45

MAT 2125

(n,n') Level

21-Sc-45

293 Kelvin Cross Sections



9

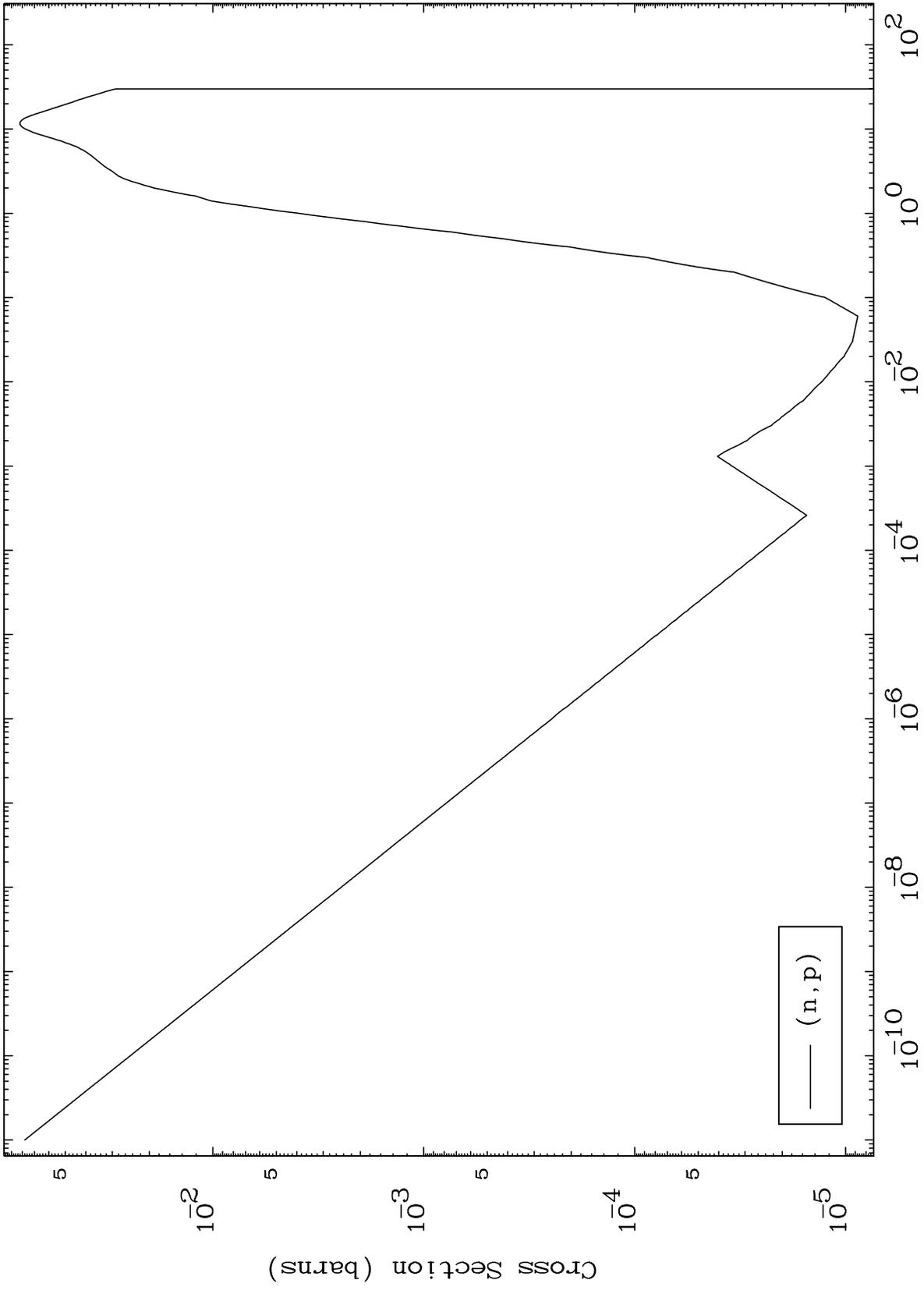
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21-Sc-45

MAT 2125

(n,p) Levels
293 Kelvin Cross Sections

21-Sc-45



— (n, p)

10

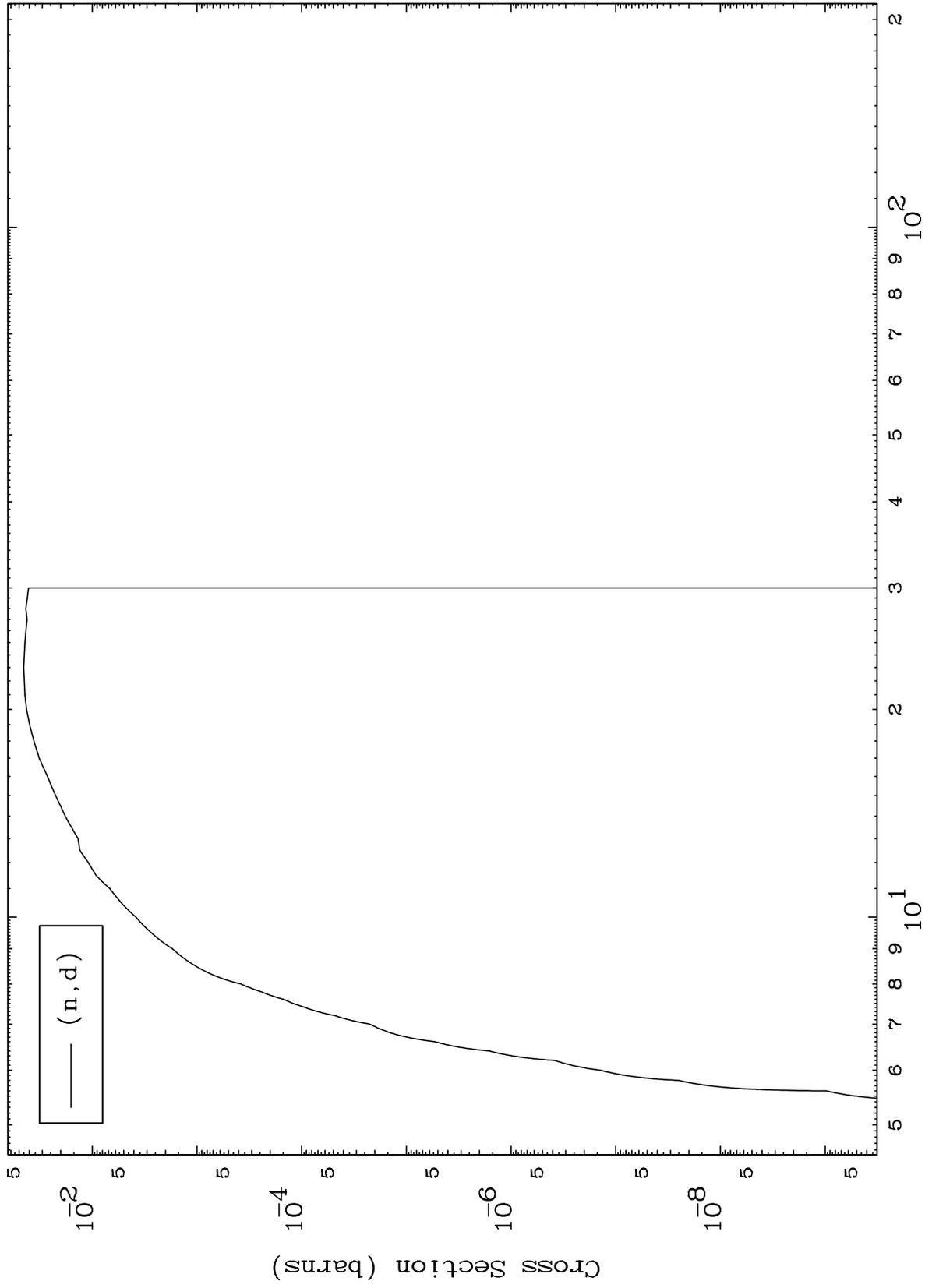
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21-Sc-45

MAT 2125

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-45



11

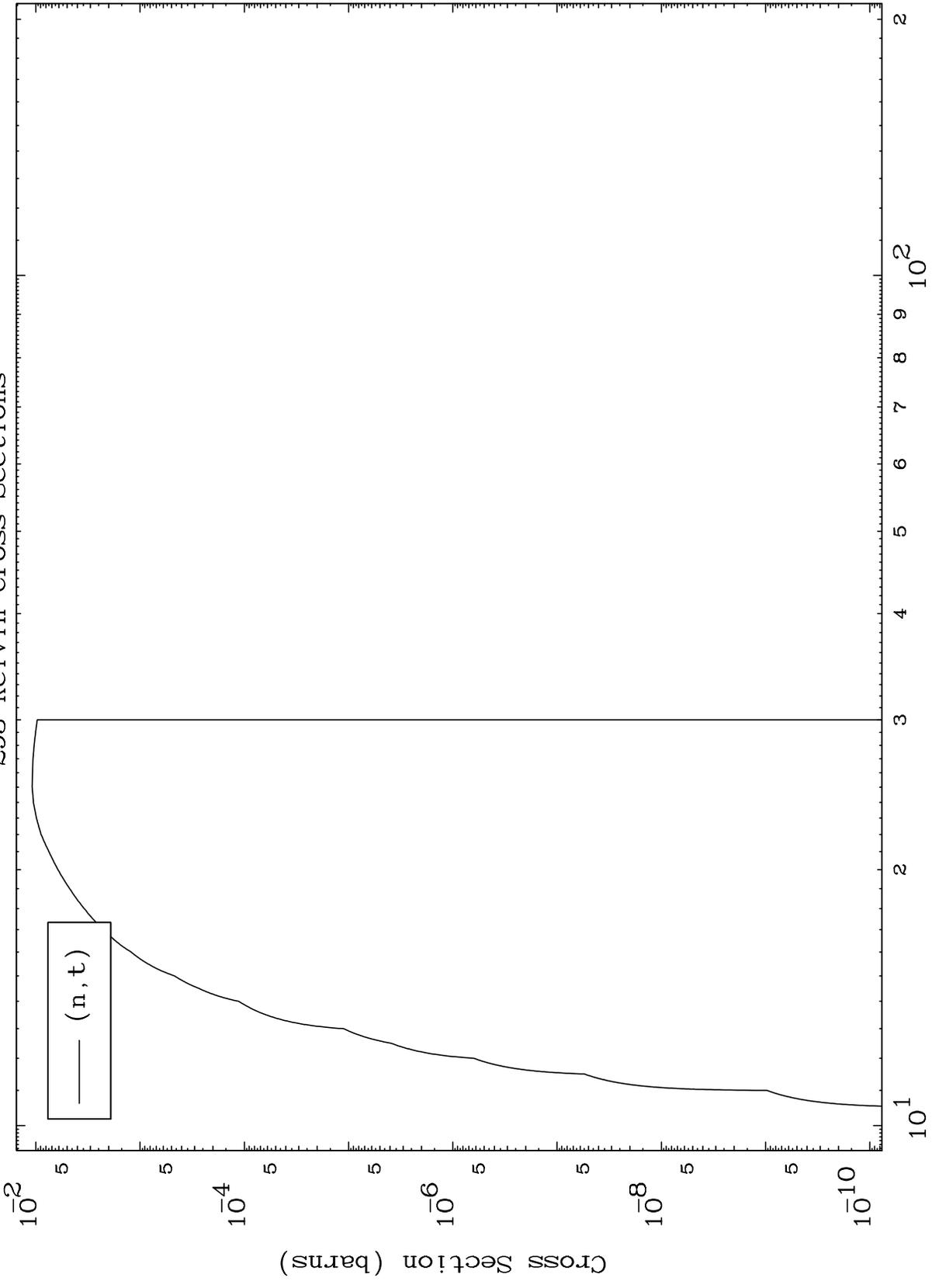
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21-Sc-45

MAT 2125

(n,t) Levels
293 Kelvin Cross Sections

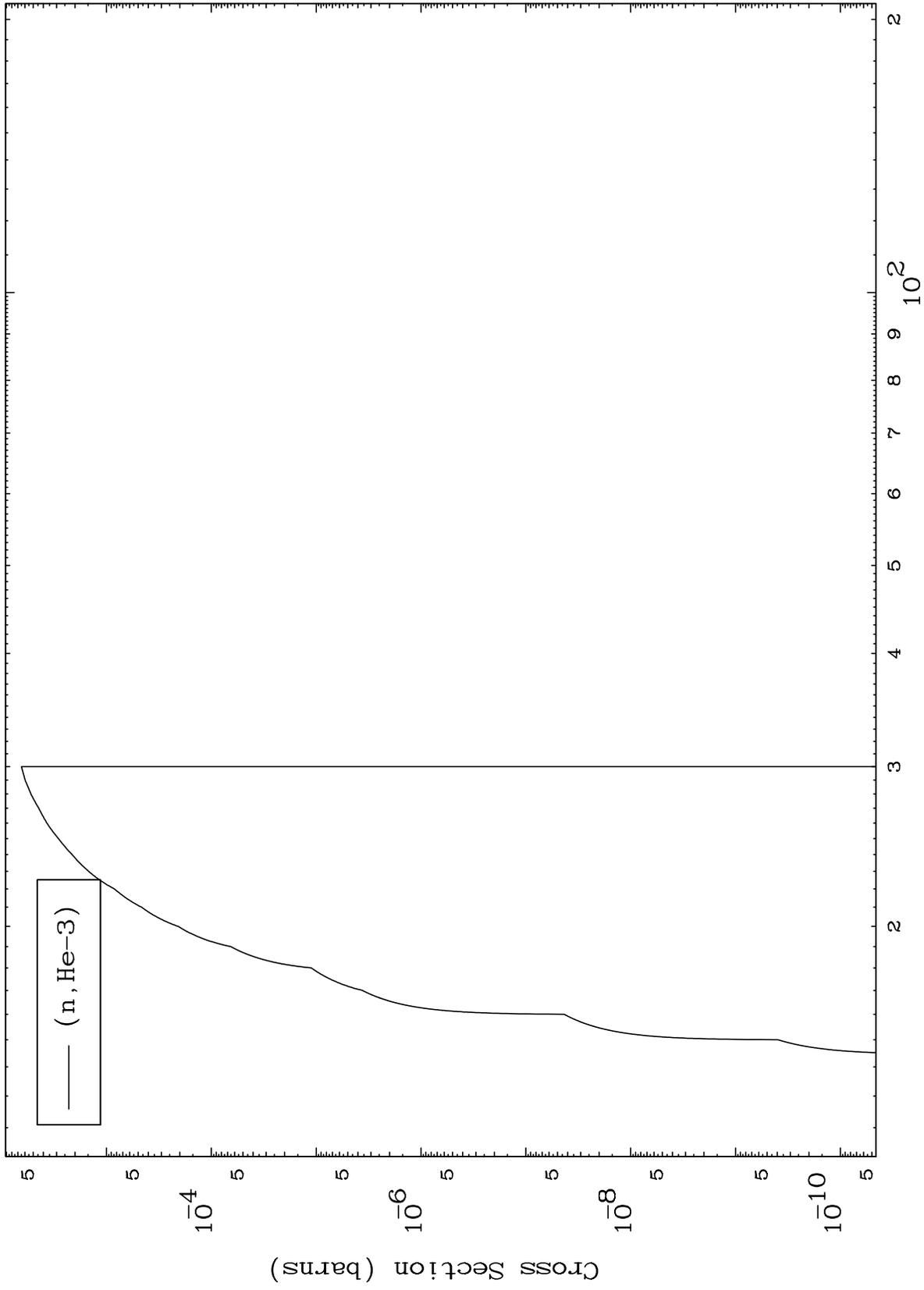
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12

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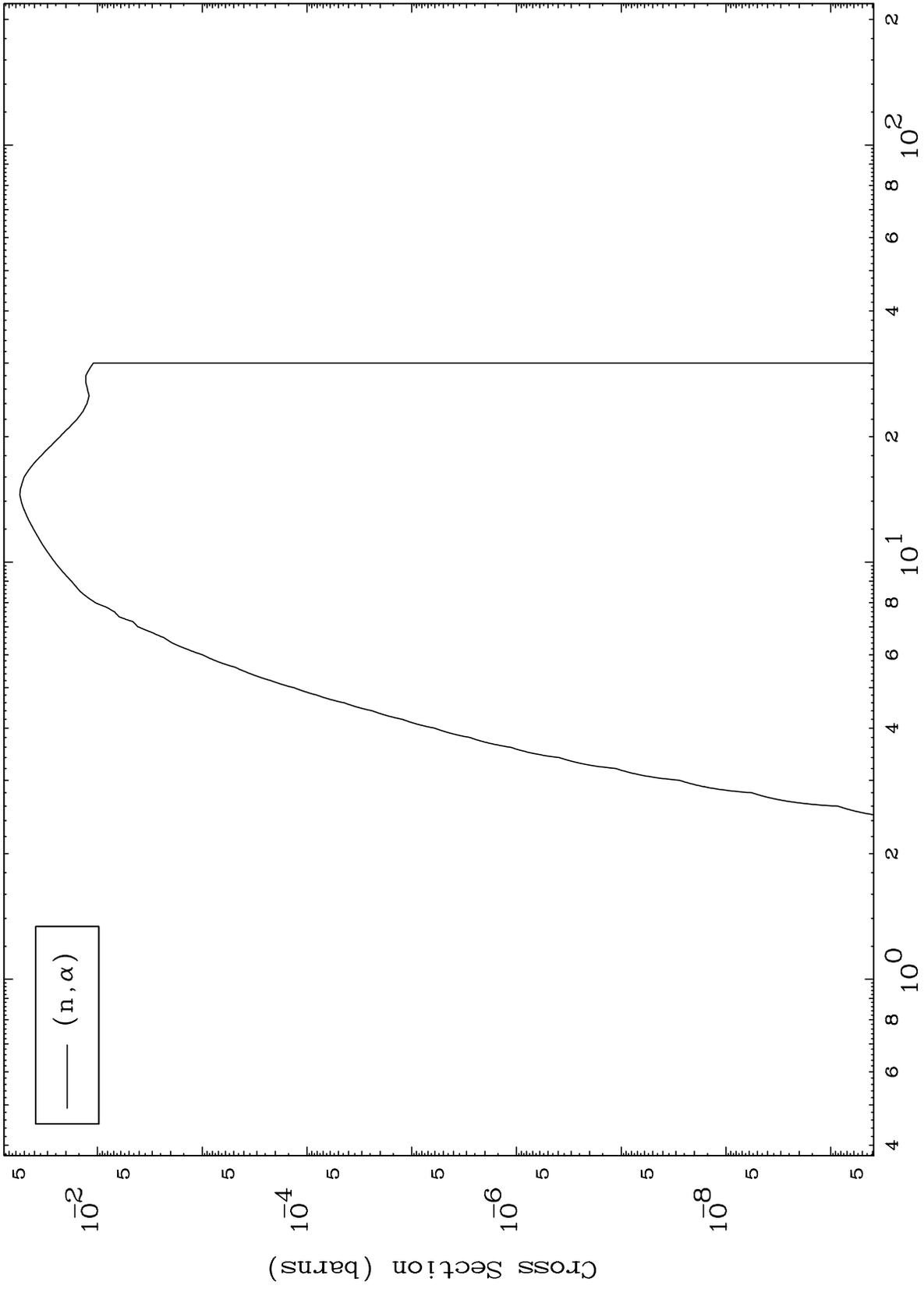
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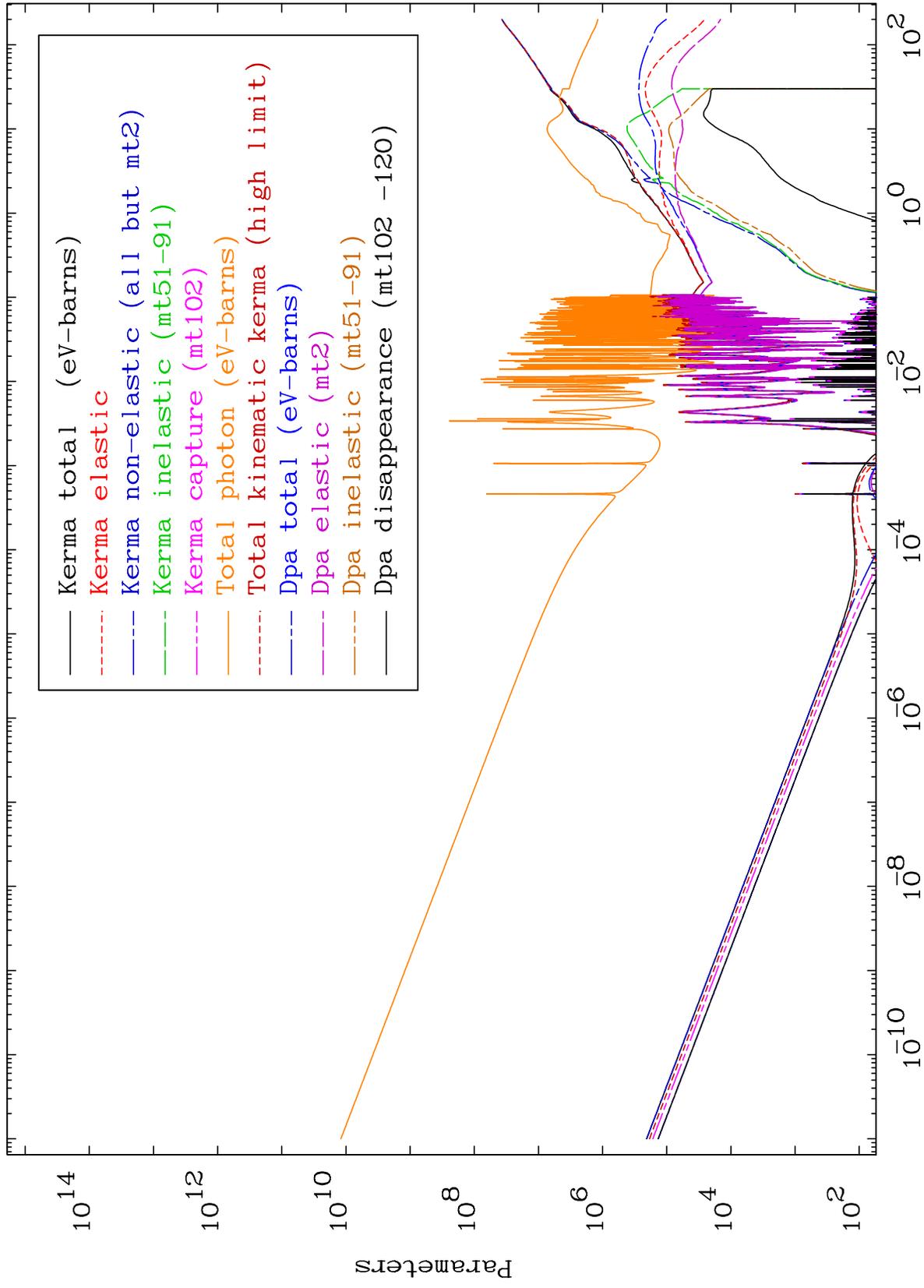
(n,α) Levels
293 Kelvin Cross Sections

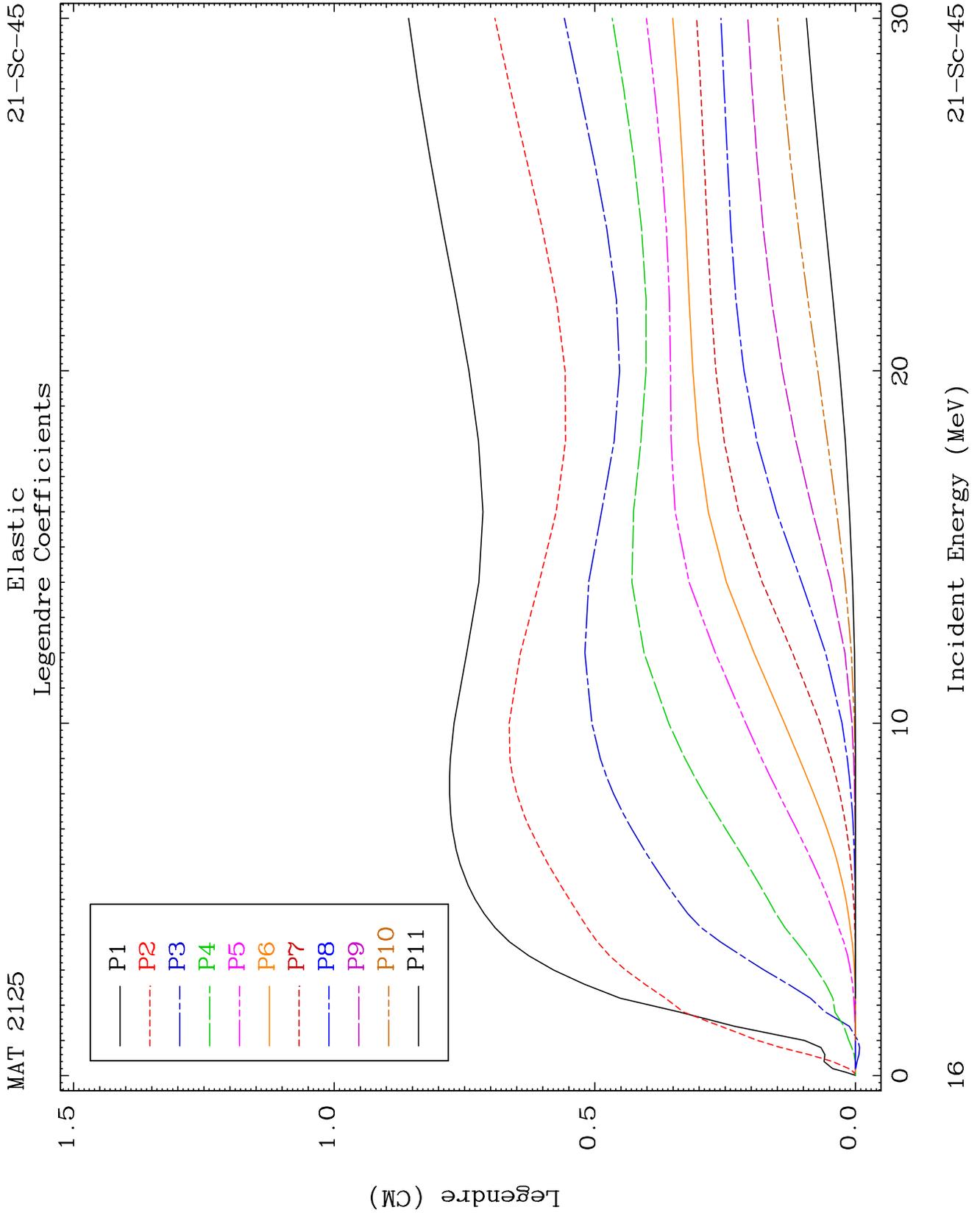
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Incident Energy (MeV)

21-Sc-45

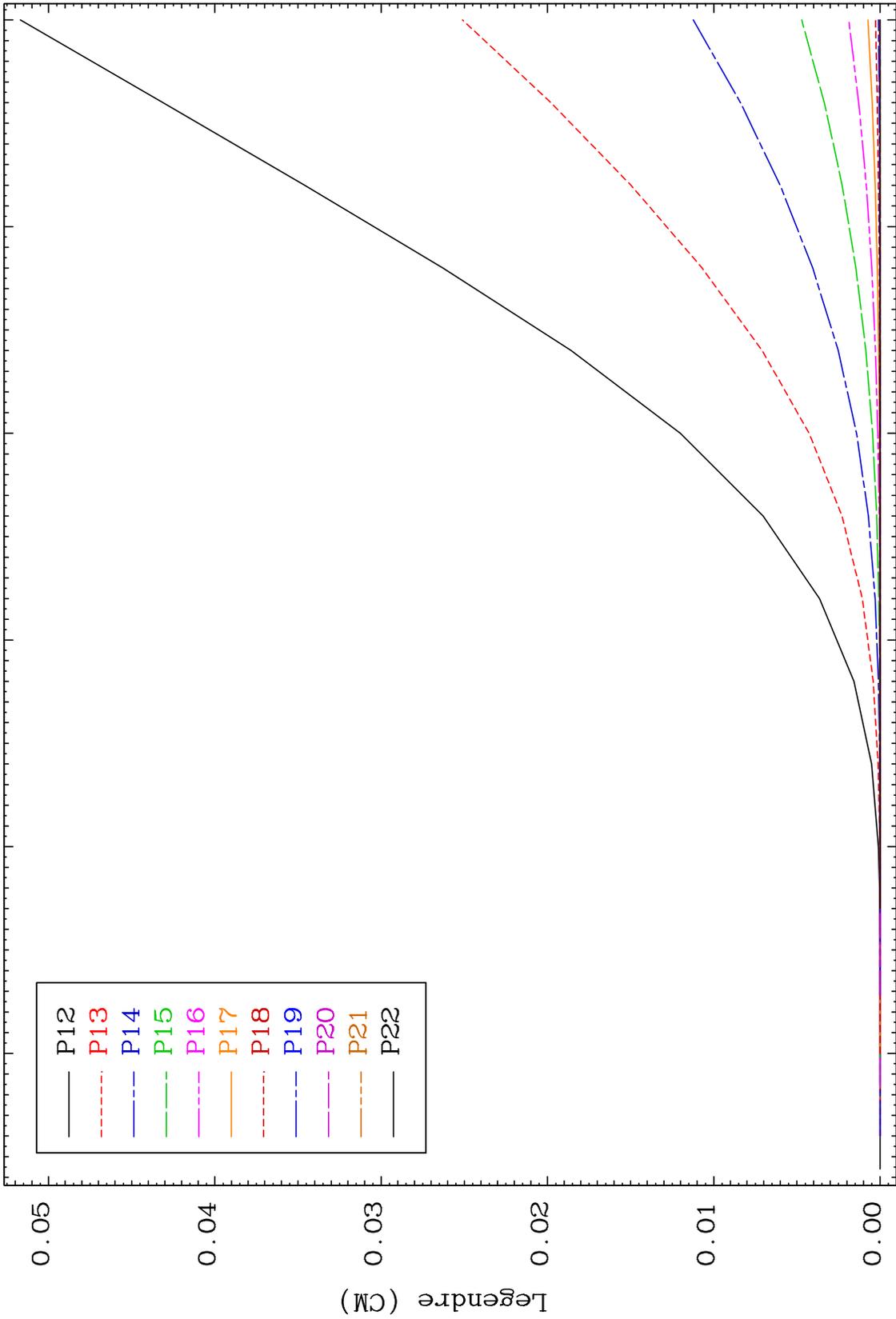




MAT 2125

Elastic Legendre Coefficients

21-Sc-45



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Incident Energy (MeV)

21-Sc-45

MAT 2125

Elastic Legendre Coefficients

21-Sc-45

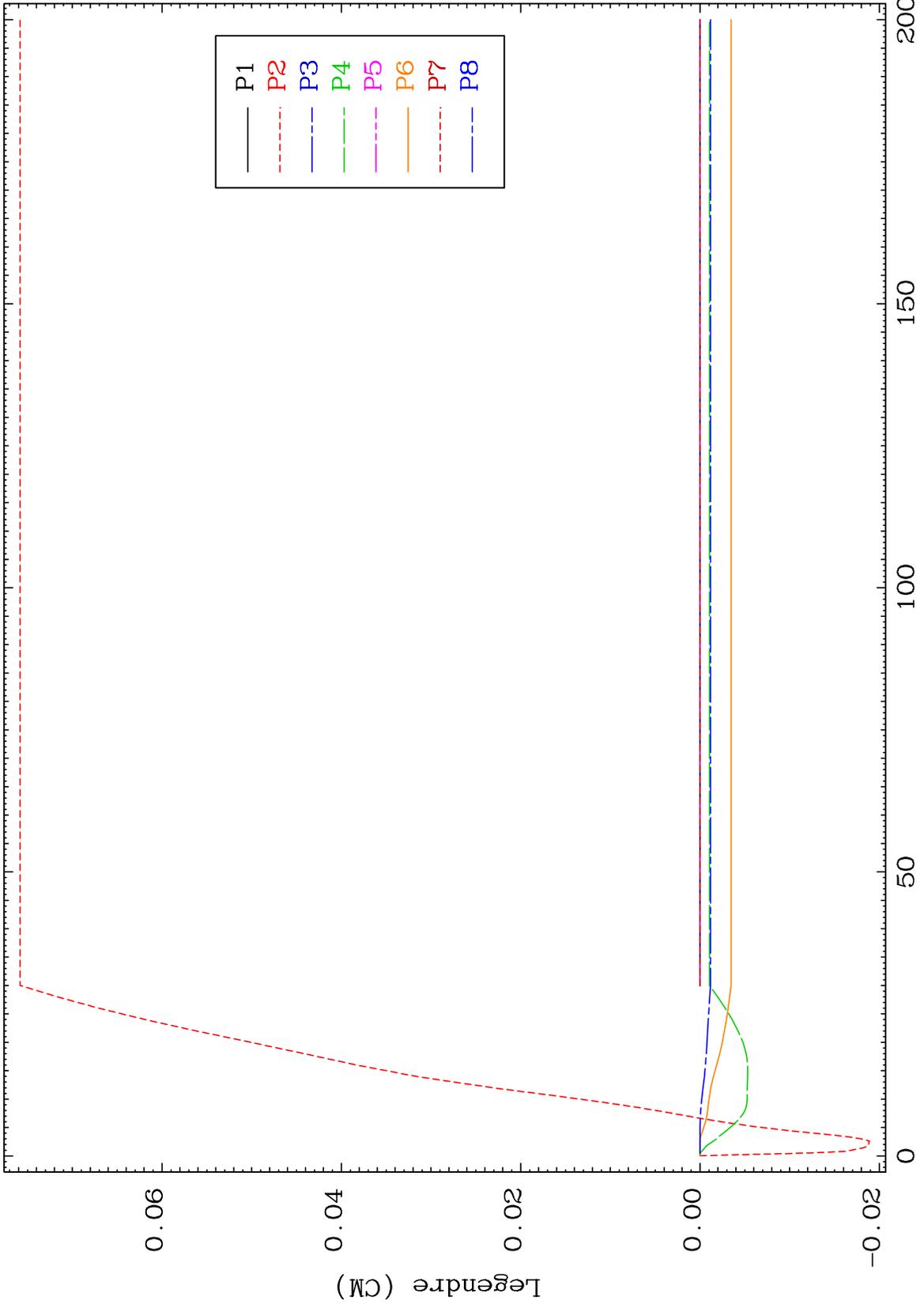


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Incident Energy (MeV)

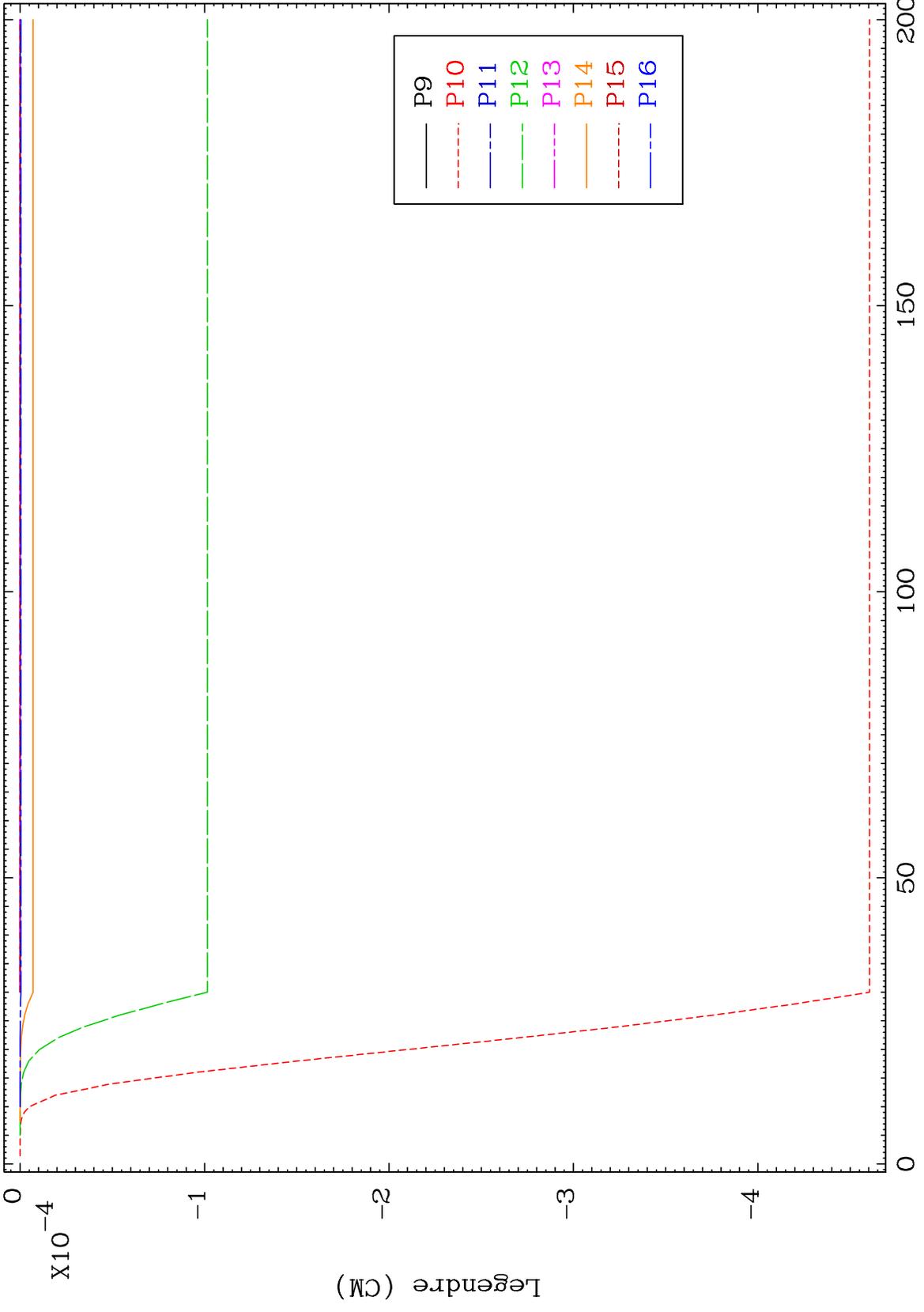
21-Sc-45

MAT 2125 MT= 51 (n,n') Level Legendre Coefficients 21-Sc-45



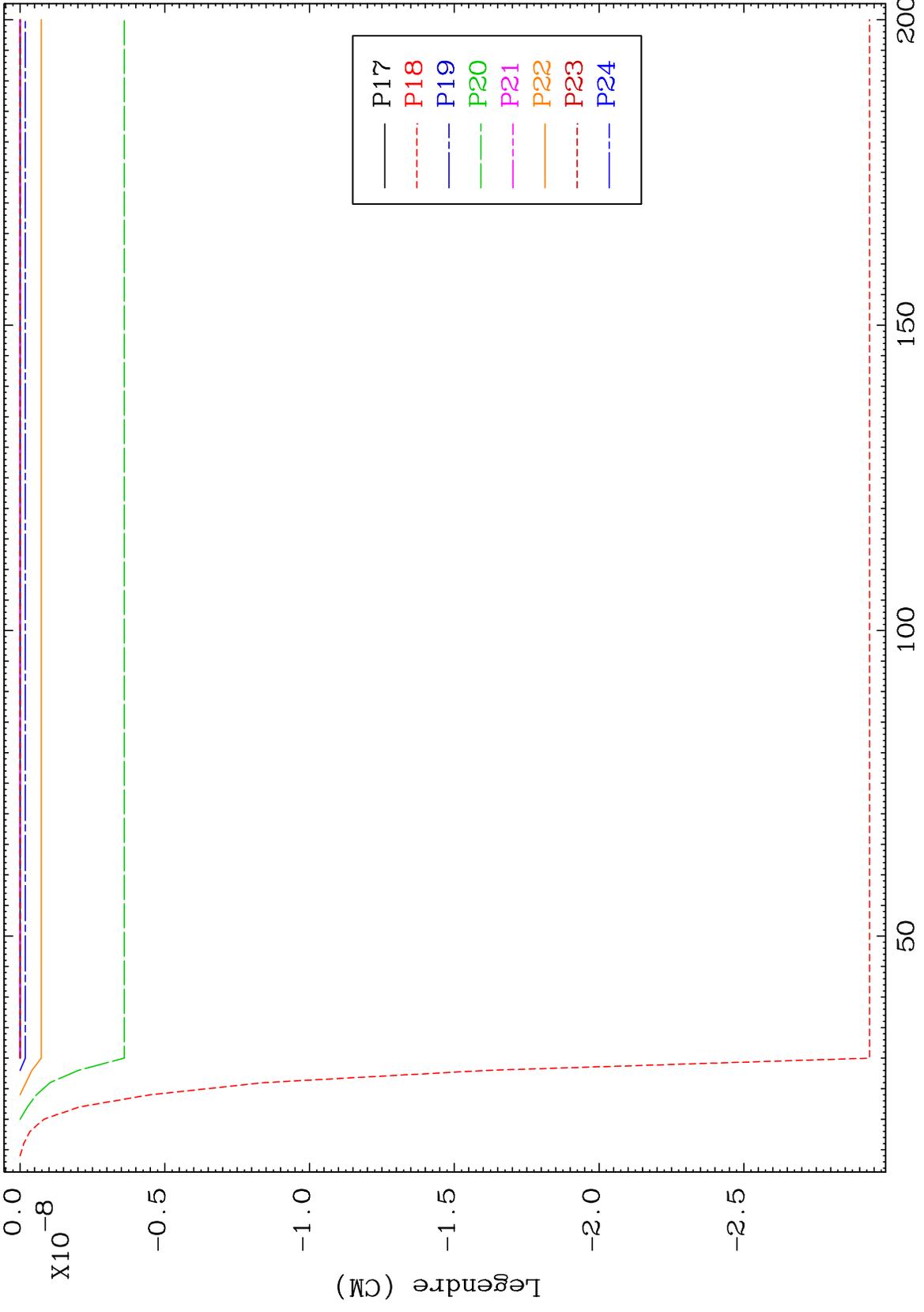
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MAT 2125 MT= 51 (n,n') Level Legendre Coefficients 21-Sc-45



21-Sc-45

MAT 2125 MT= 51 (n,n') Level Legendre Coefficients 21-Sc-45

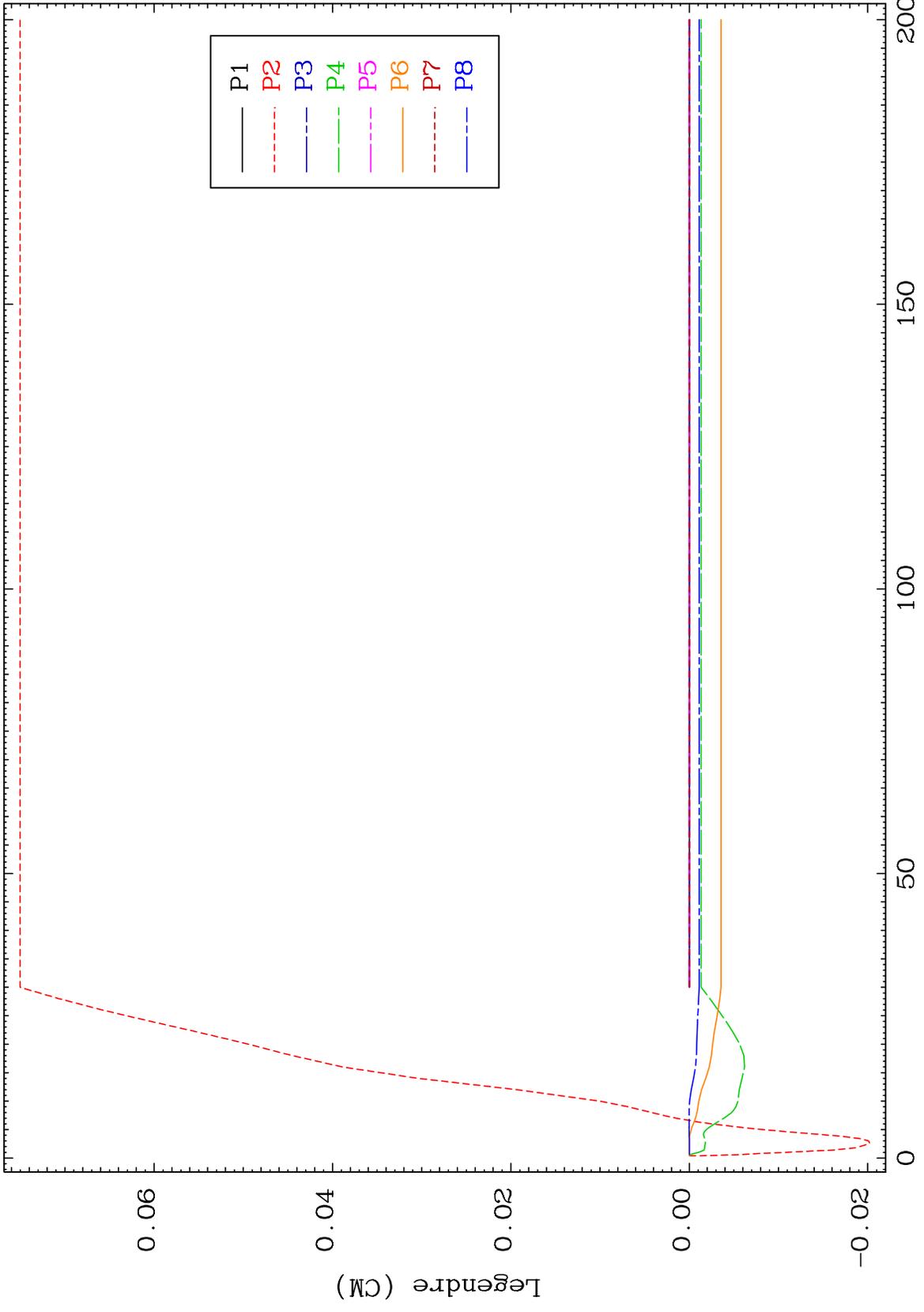


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MAT 2125

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

21-Sc-45



22

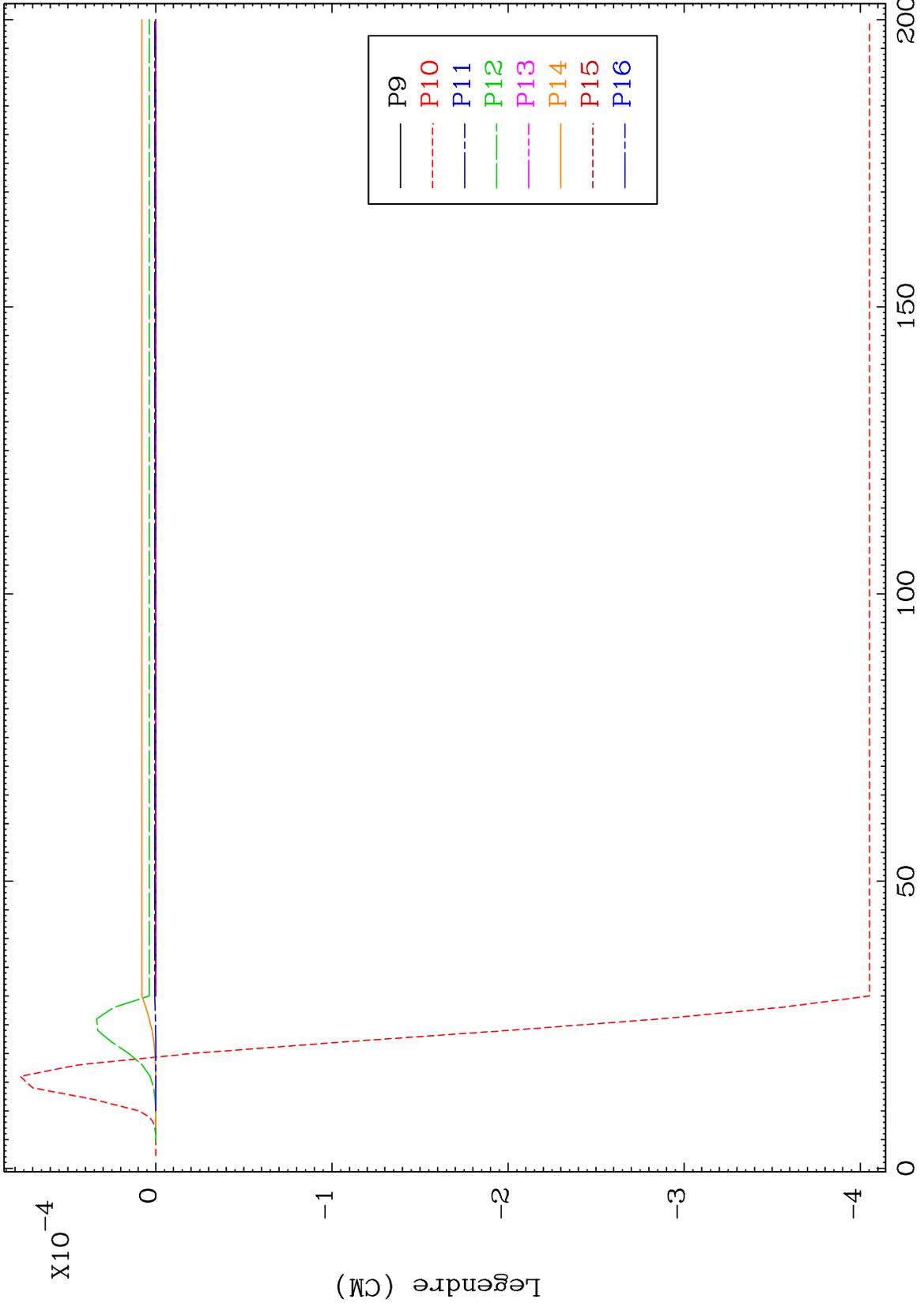
Incident Energy (MeV)

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MAT 2125

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

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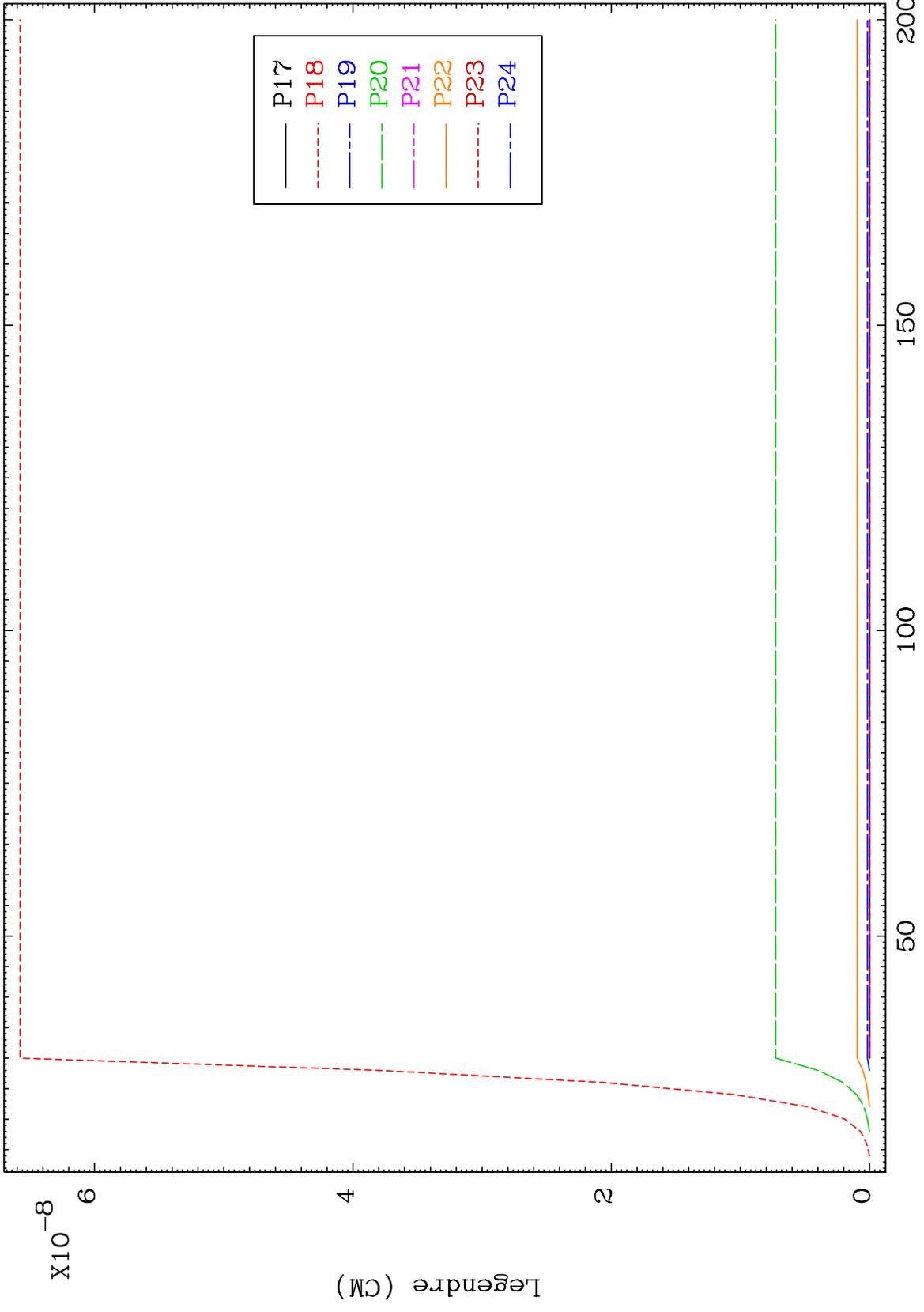


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Incident Energy (MeV)

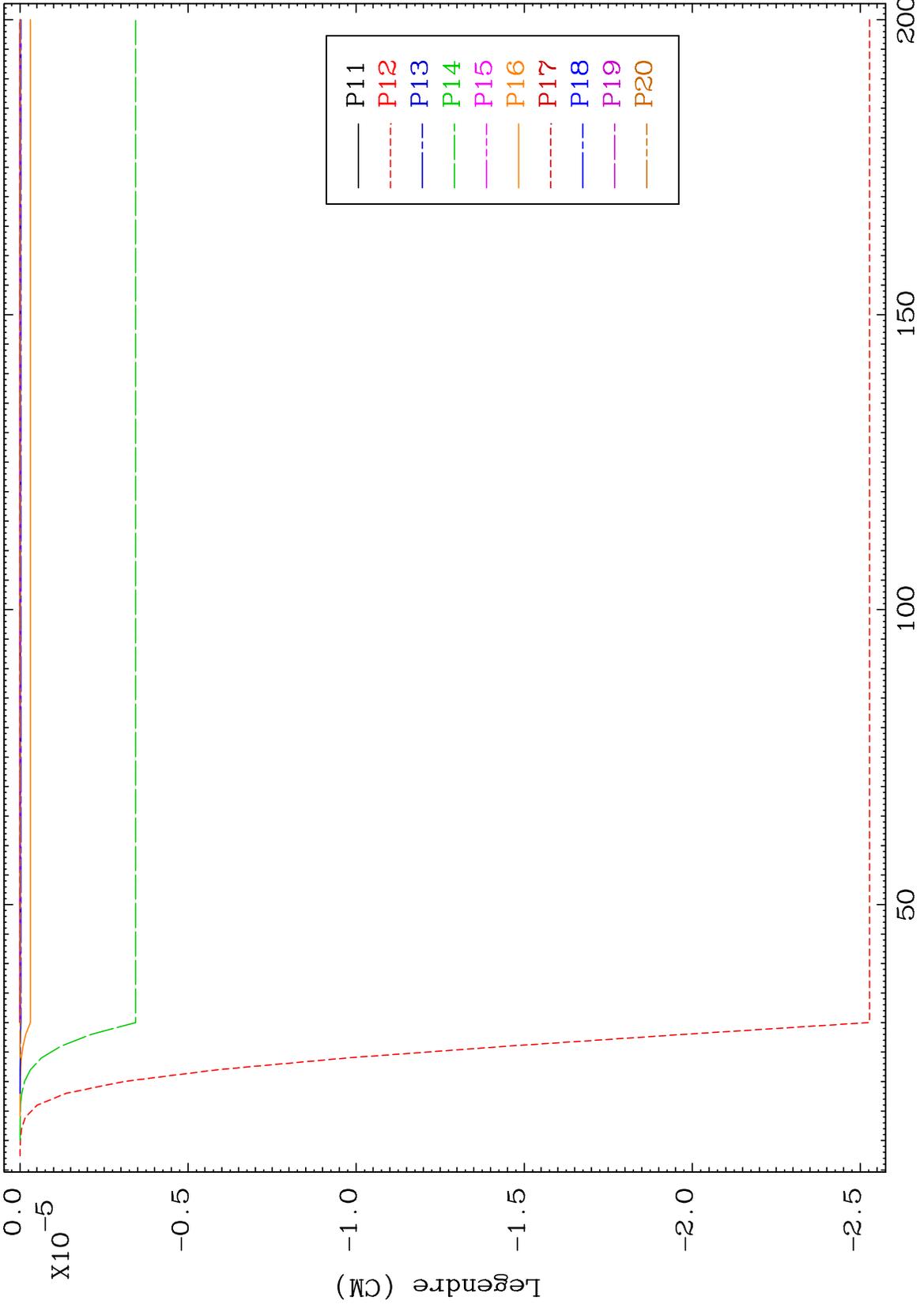
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MAT 2125 MT= 52 (n,n') Level Legendre Coefficients 21-Sc-45

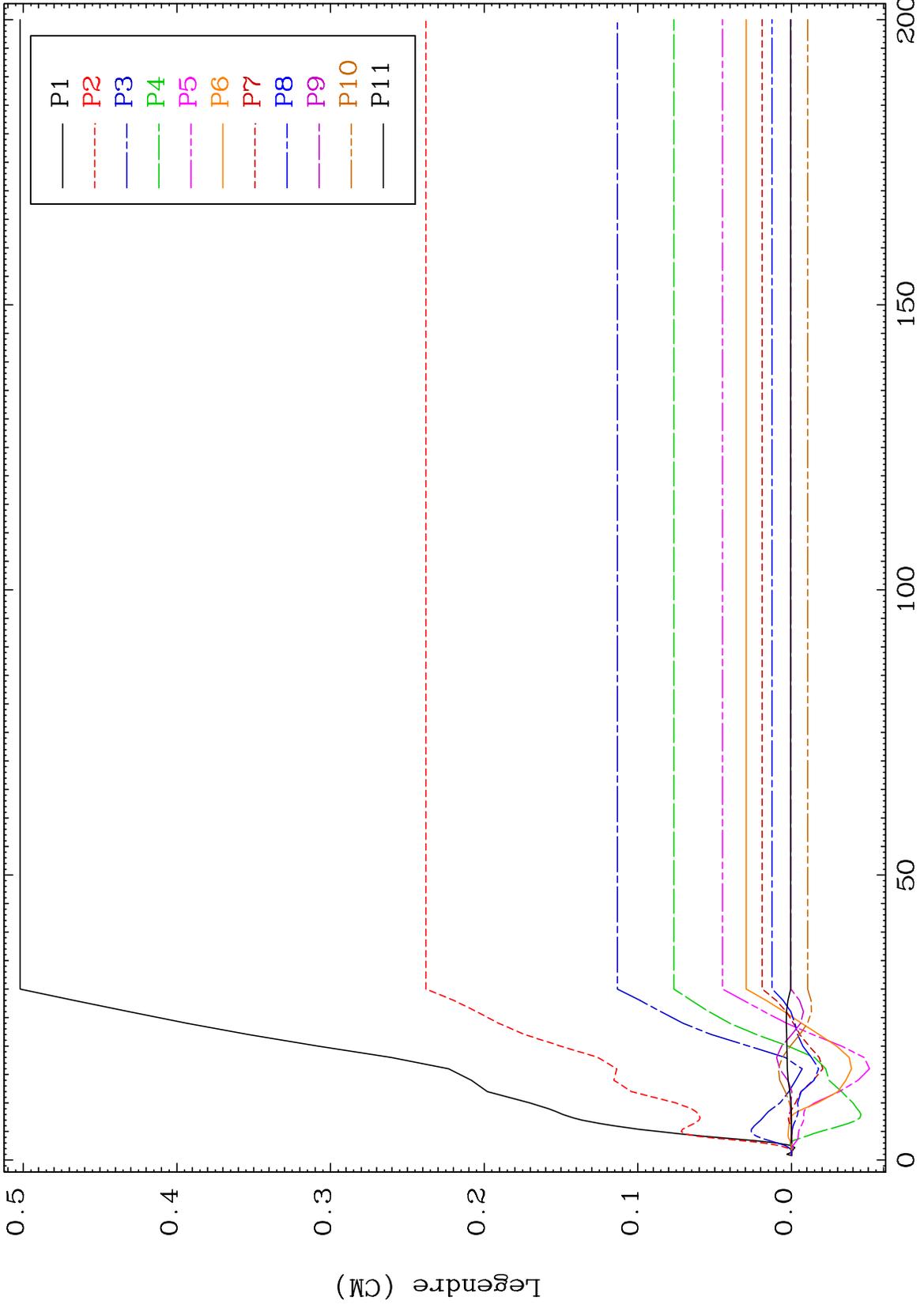


24 50 100 150 200 21-Sc-45

MAT 2125 MT= 53 (n,n') Level Legendre Coefficients 21-Sc-45



MAT 2125 MT= 54 (n,n') Level Legendre Coefficients 21-Sc-45

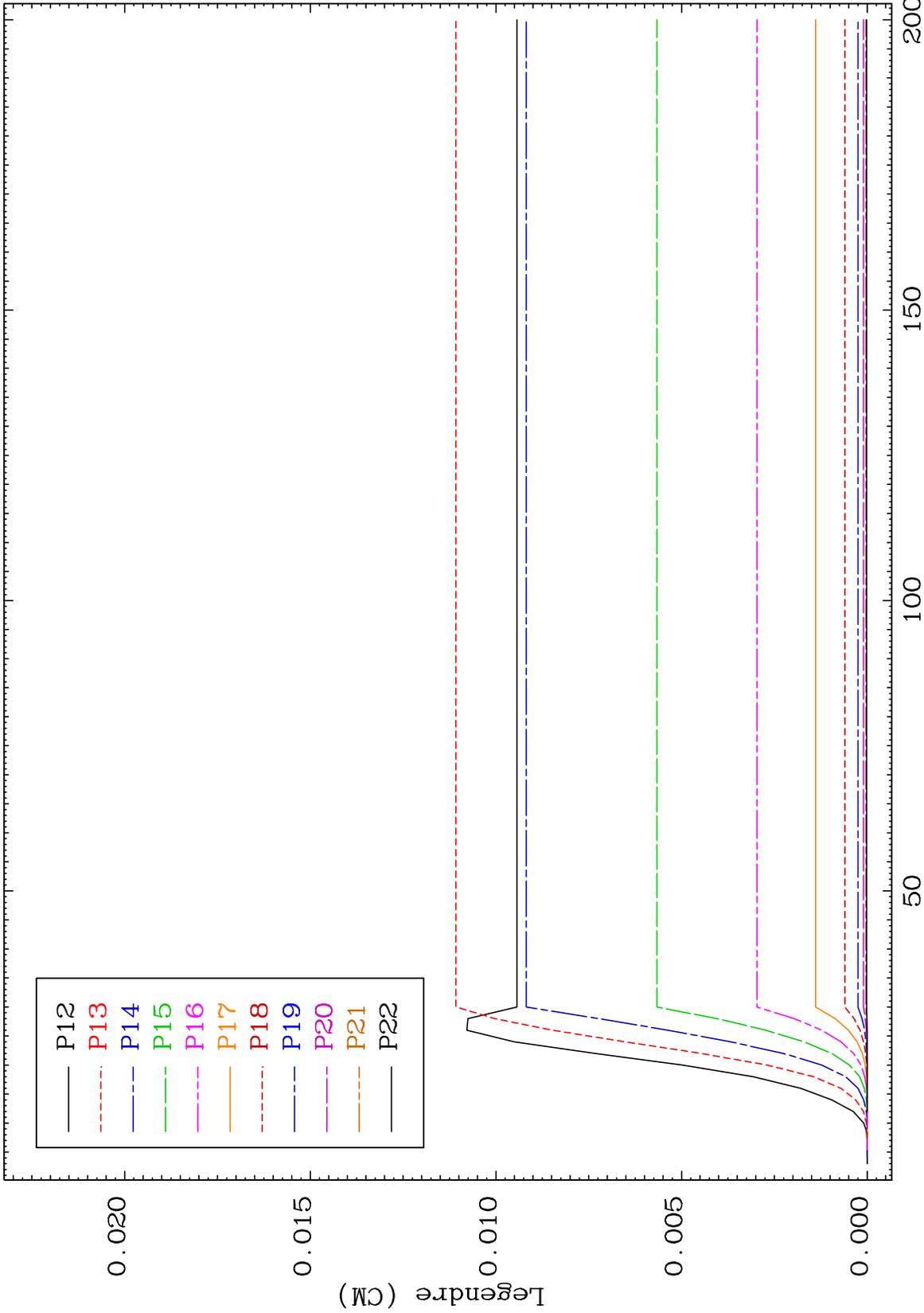


27 Incident Energy (MeV) 21-Sc-45

MAT 2125

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

21-Sc-45



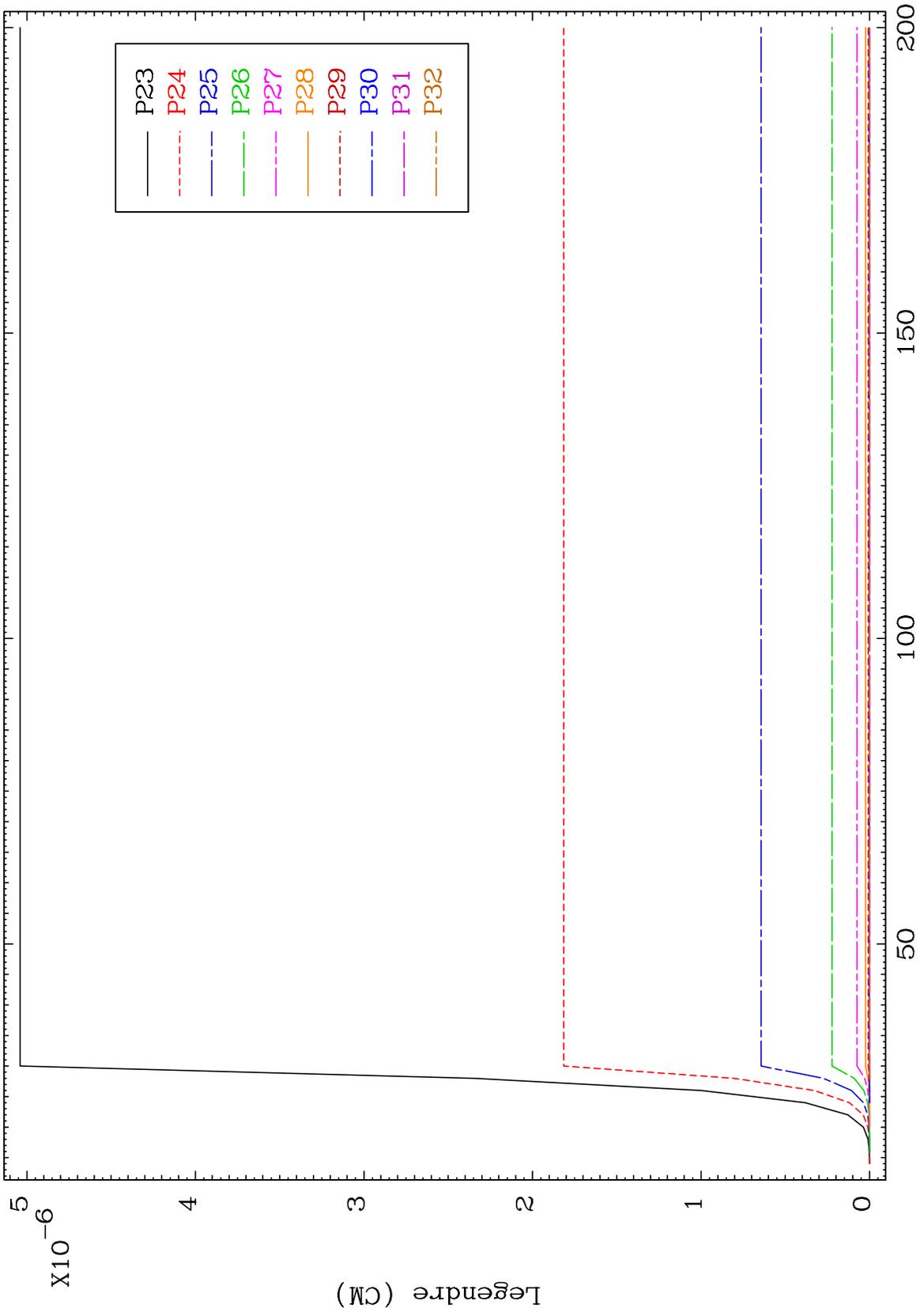
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21-Sc-45

MAT 2125

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

21-Sc-45

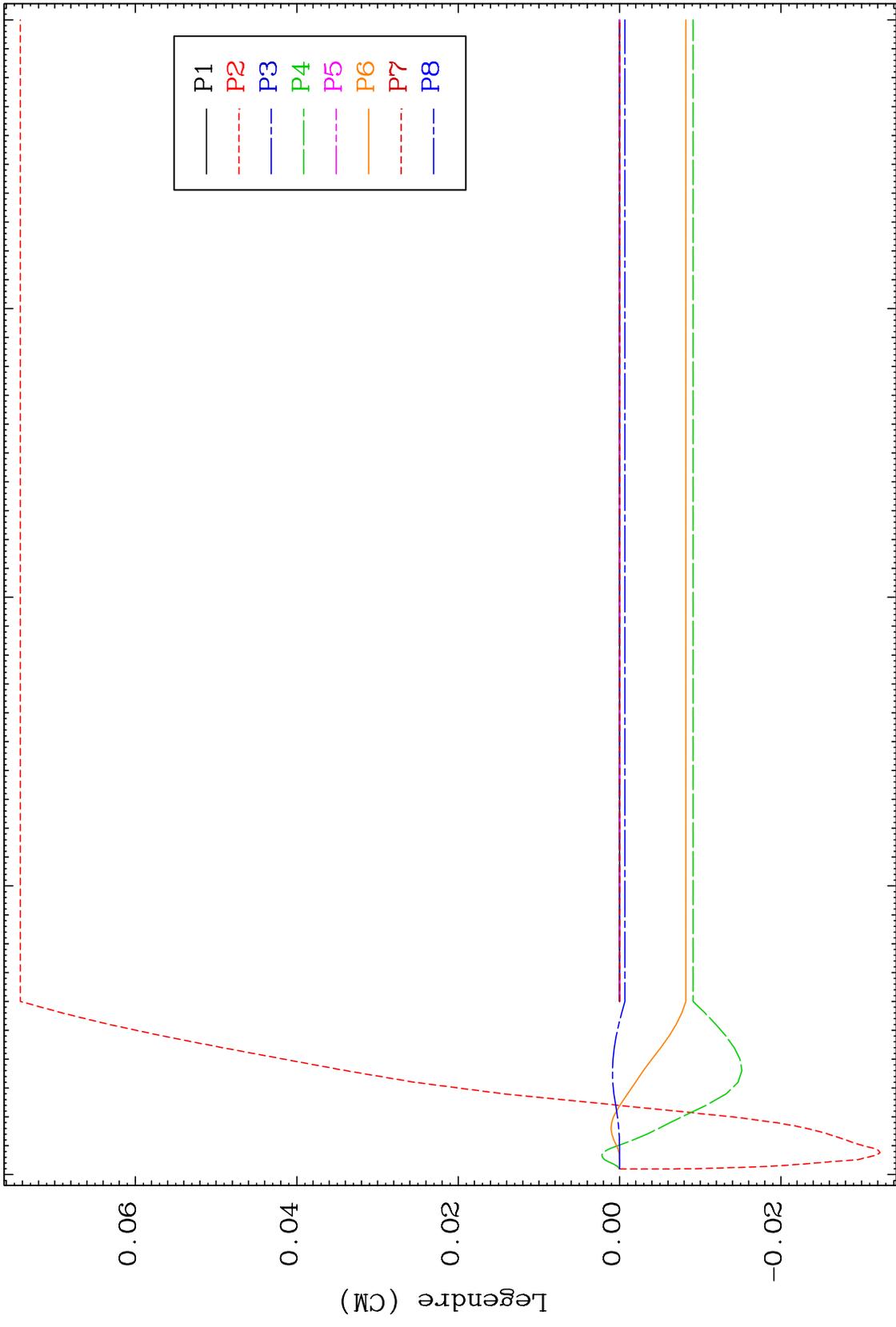


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Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 55 (n,n') Level Legendre Coefficients 21-Sc-45

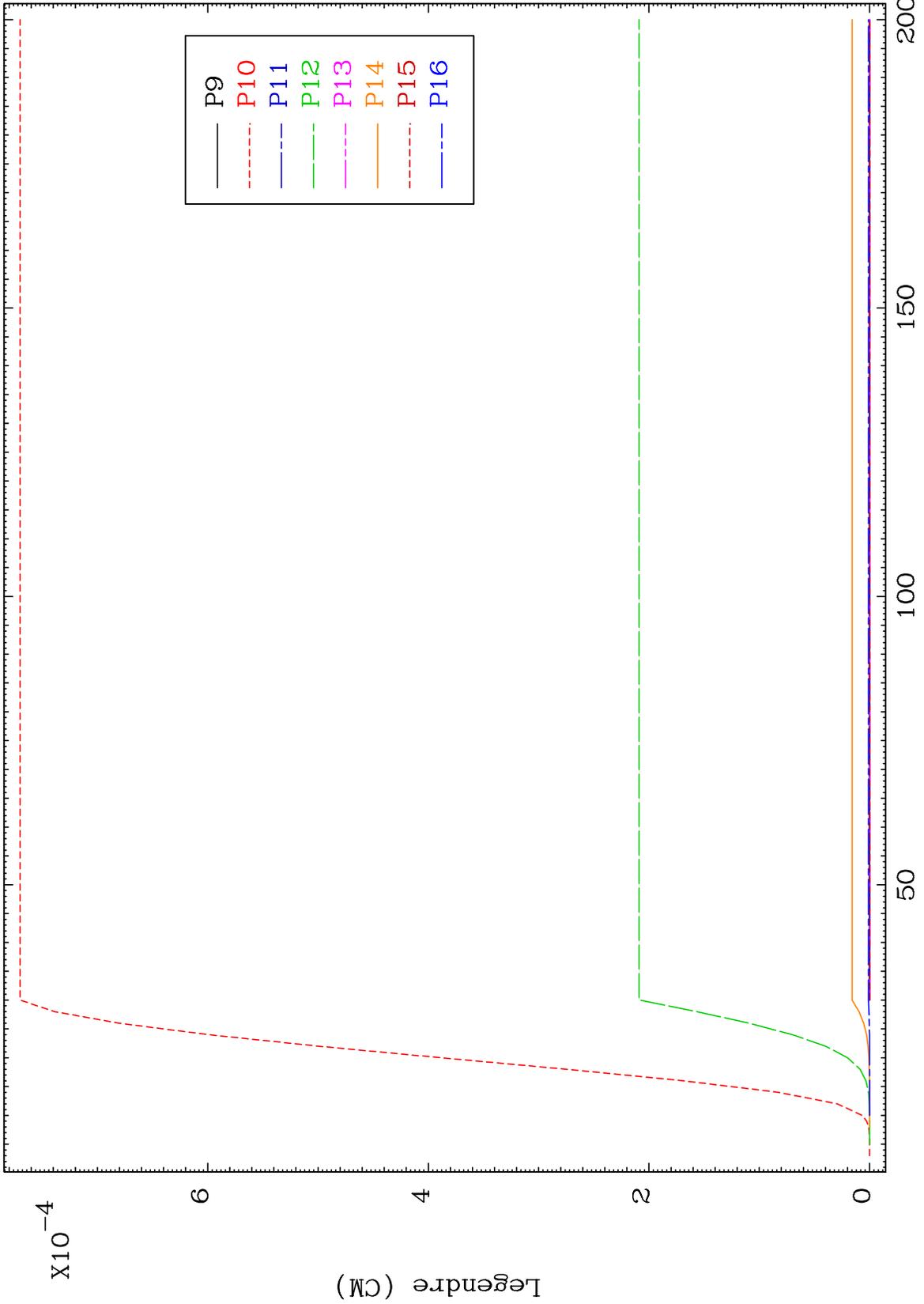


Incident Energy (MeV) 21-Sc-45

MAT 2125

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

21-Sc-45

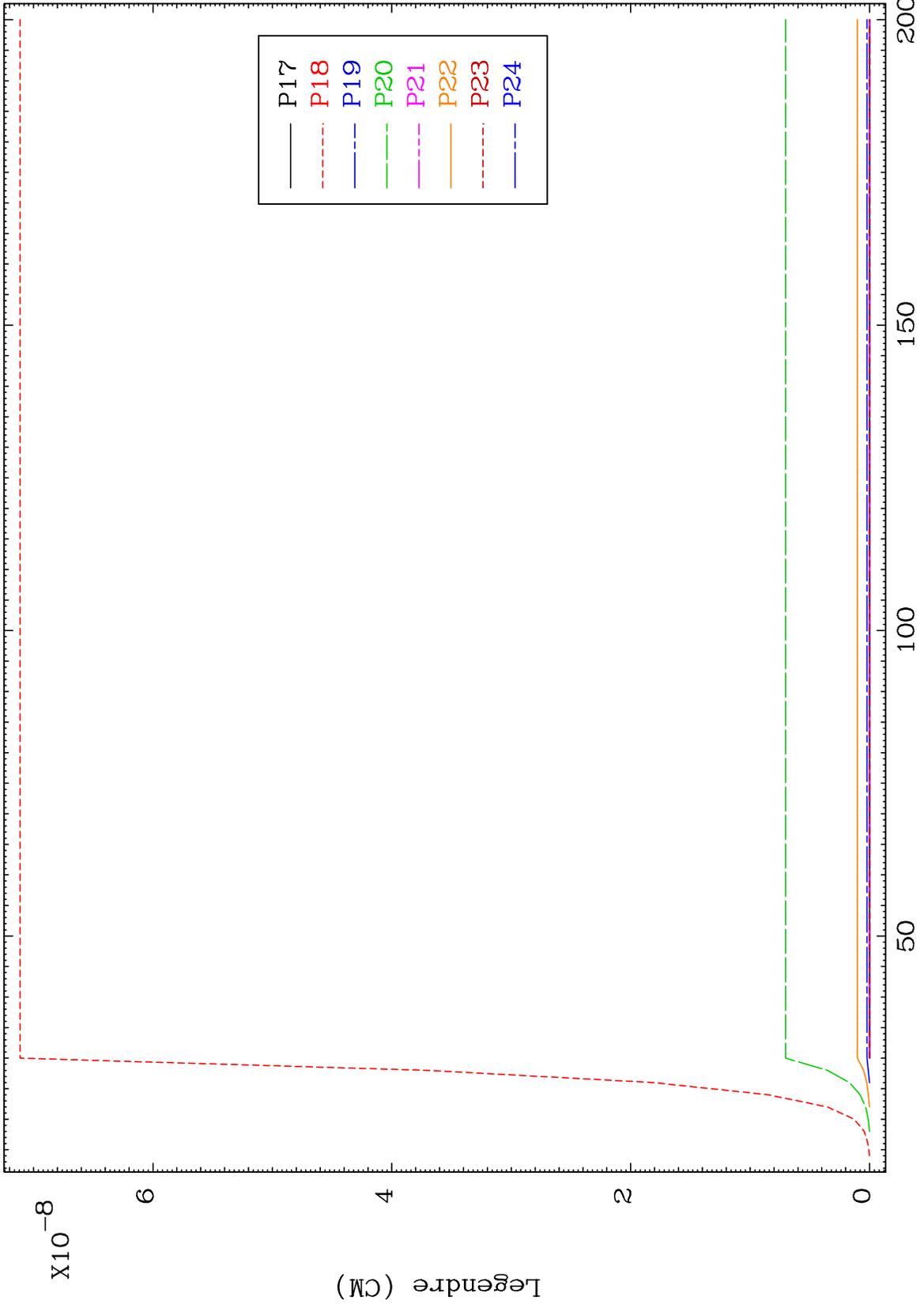


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Incident Energy (MeV)

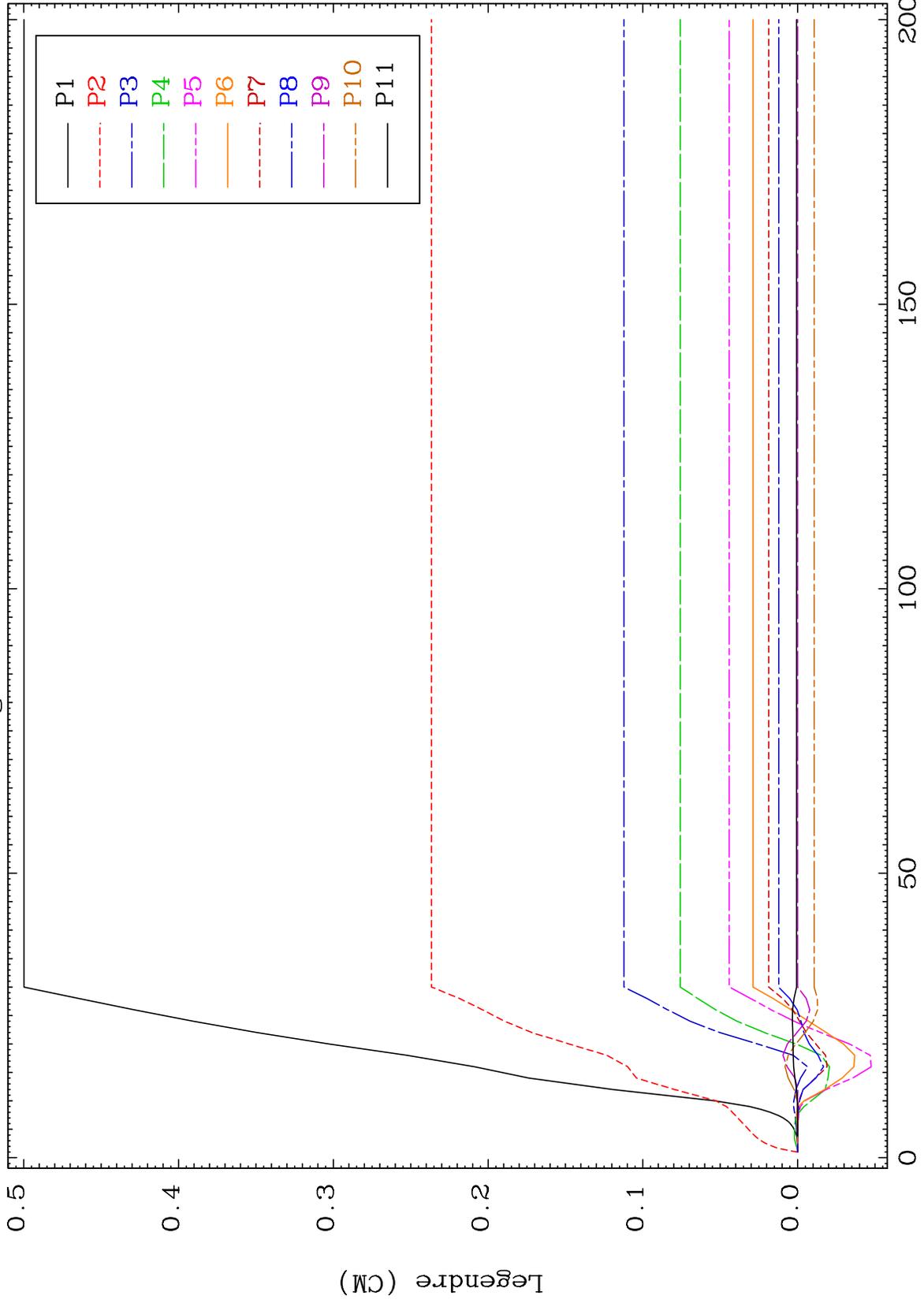
21-Sc-45

MAT 2125 MT= 55 (n,n') Level Legendre Coefficients 21-Sc-45



32 Incident Energy (MeV) 21-Sc-45

MAT 2125 MT= 56 (n,n') Level Legendre Coefficients 21-Sc-45



21-Sc-45

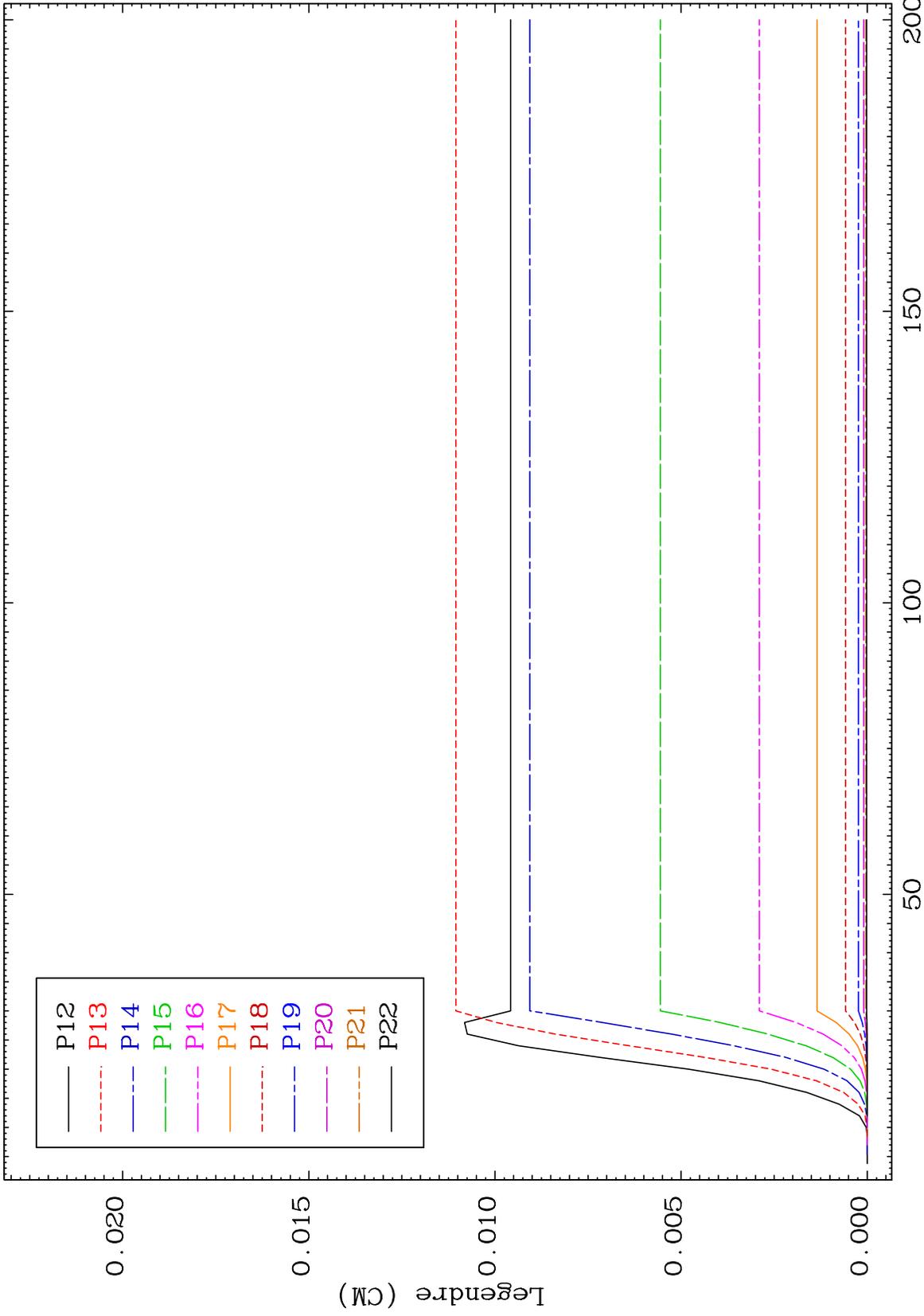
Incident Energy (MeV)

33

MAT 2125

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

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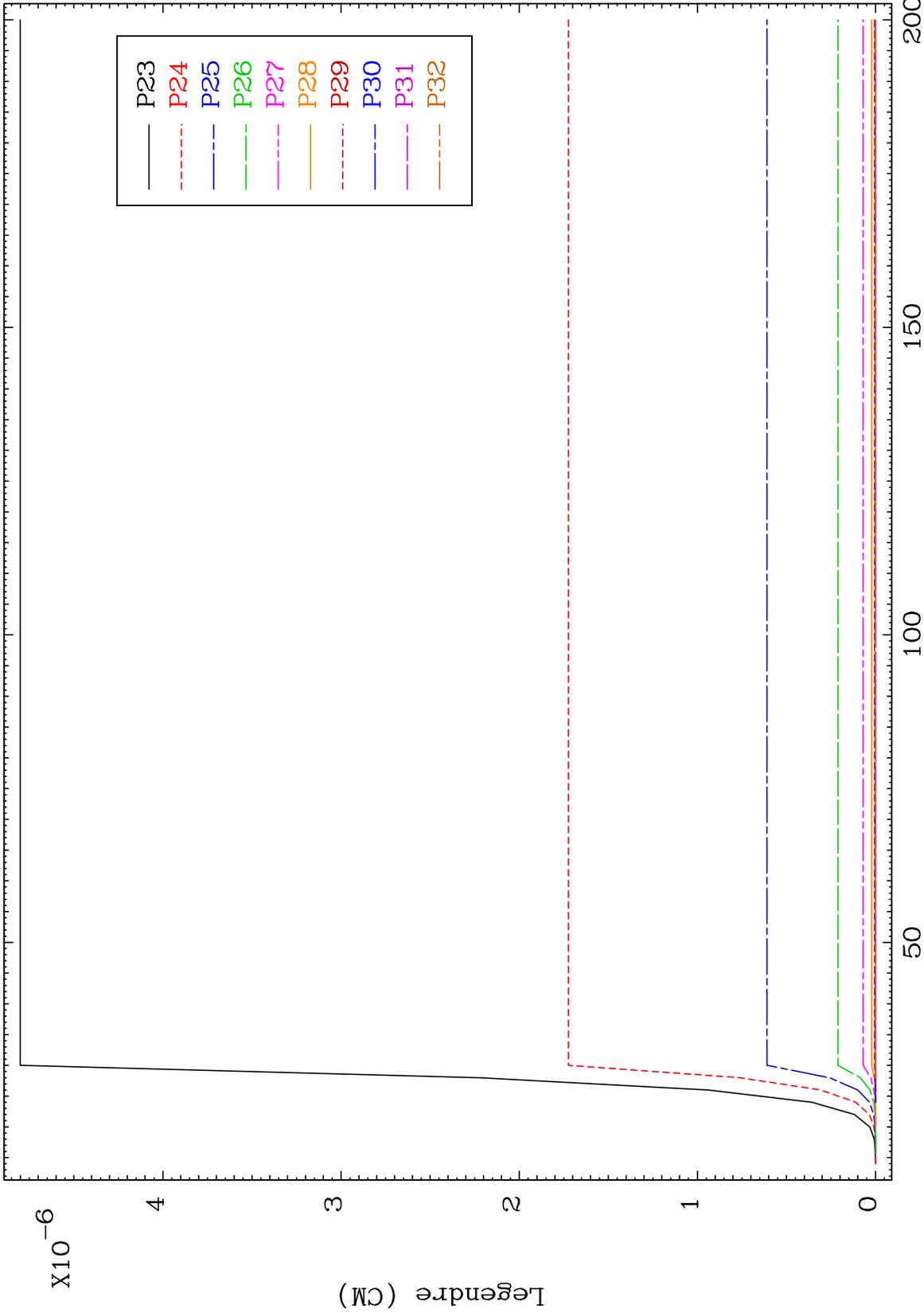
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MAT 2125

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

21-Sc-45



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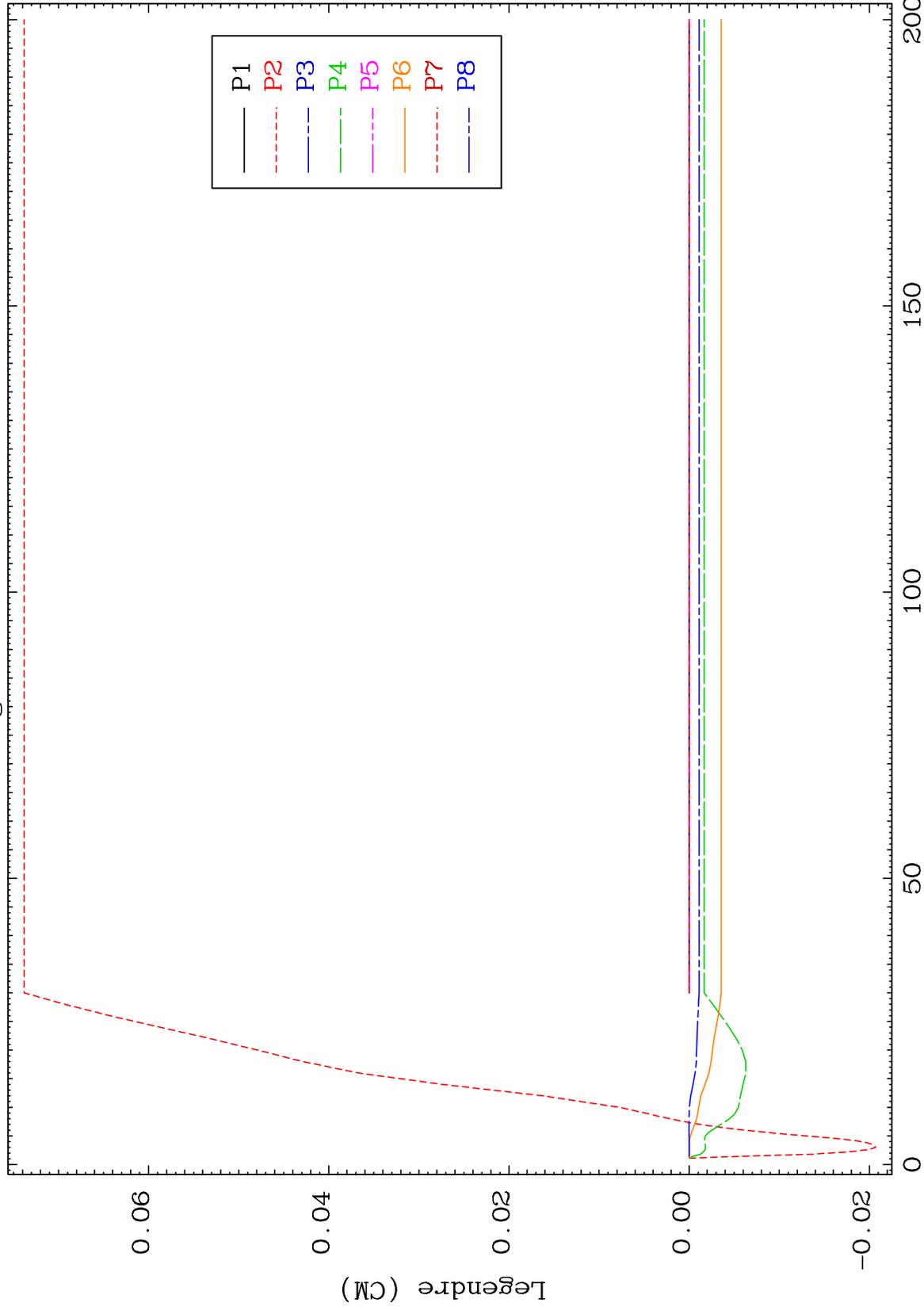
Incident Energy (MeV)

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MAT 2125

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

21-Sc-45



36

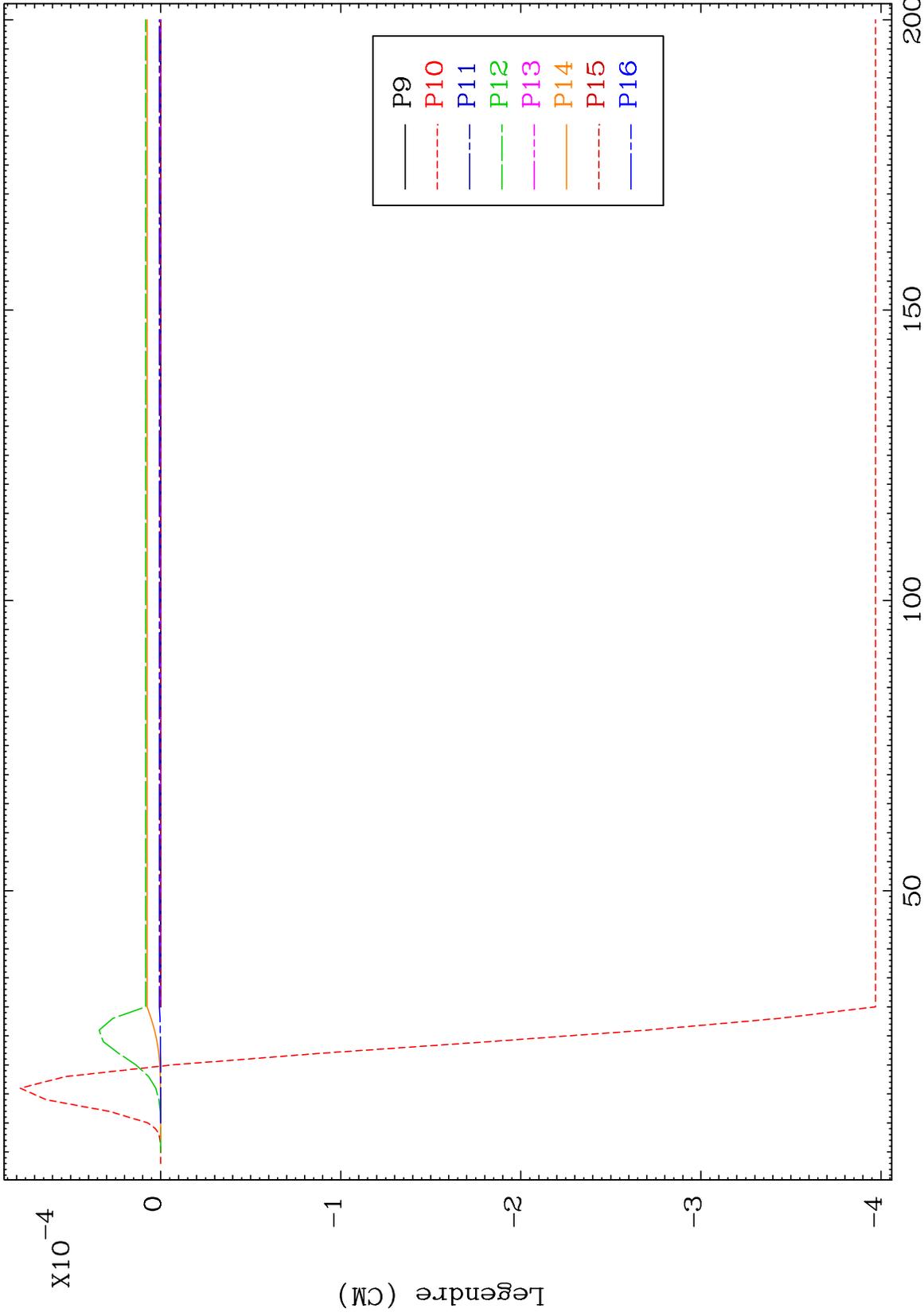
Incident Energy (MeV)

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MAT 2125

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

21-Sc-45

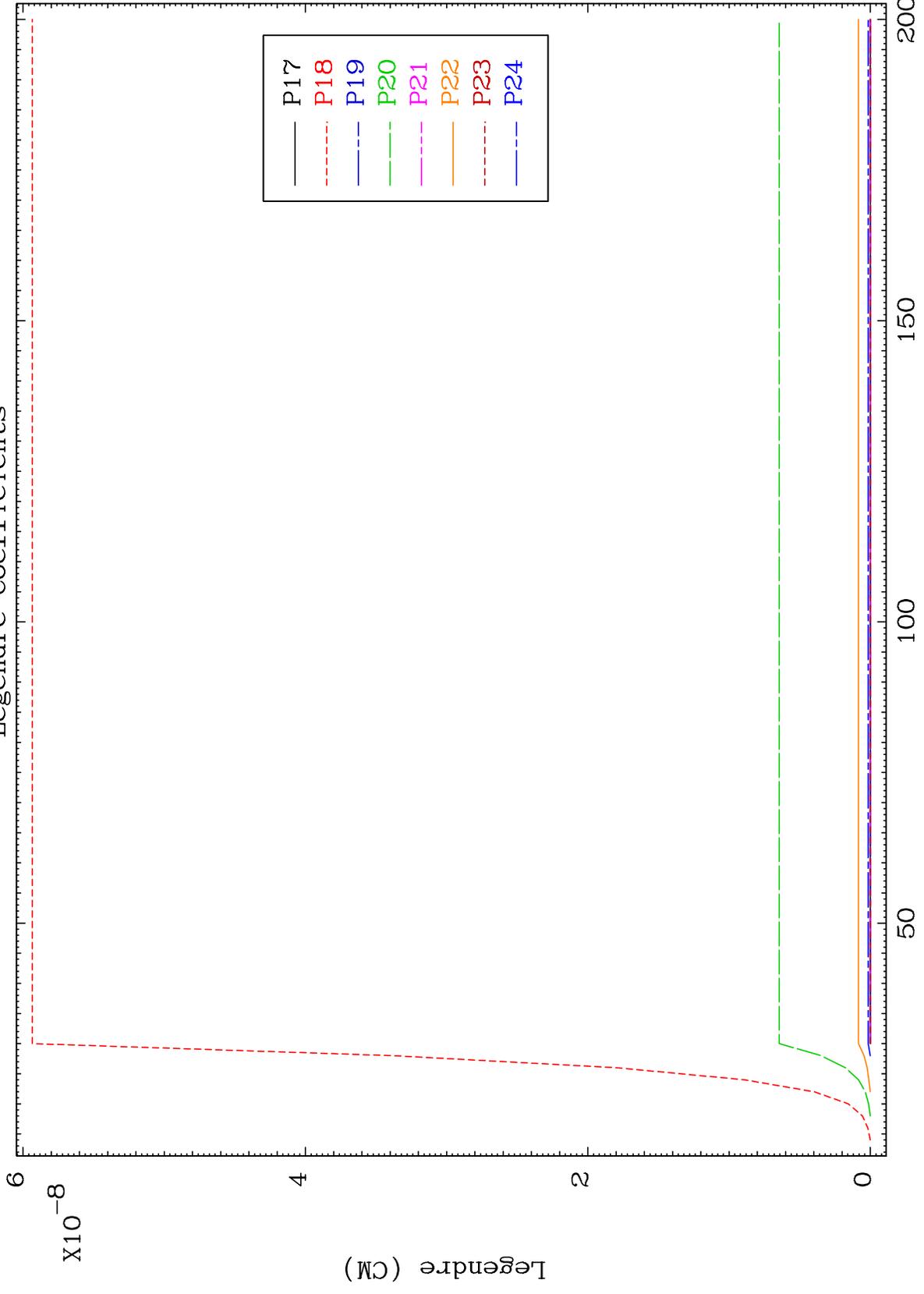


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Incident Energy (MeV)

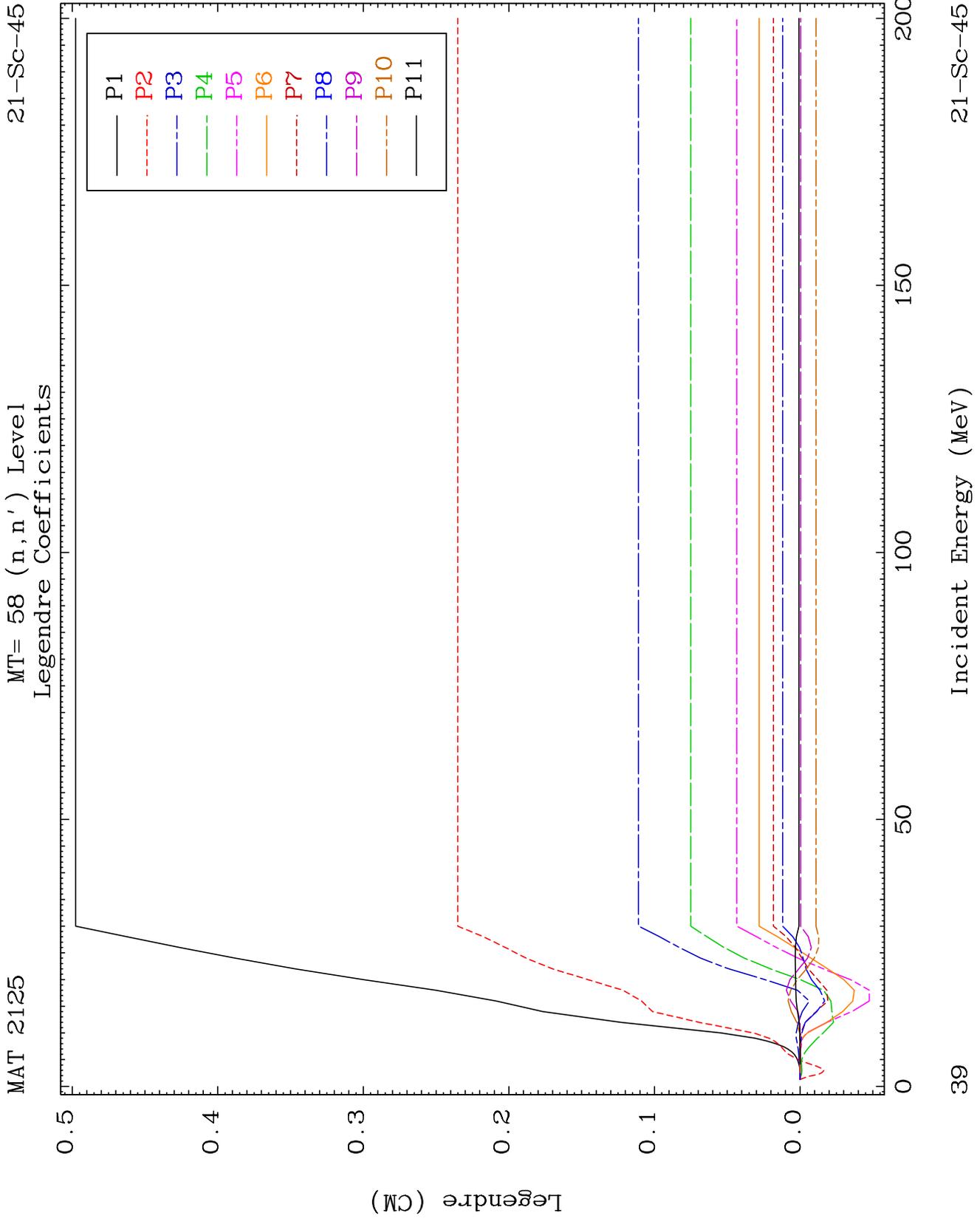
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MAT 2125 MT= 57 (n,n') Level Legendre Coefficients 21-Sc-45



38

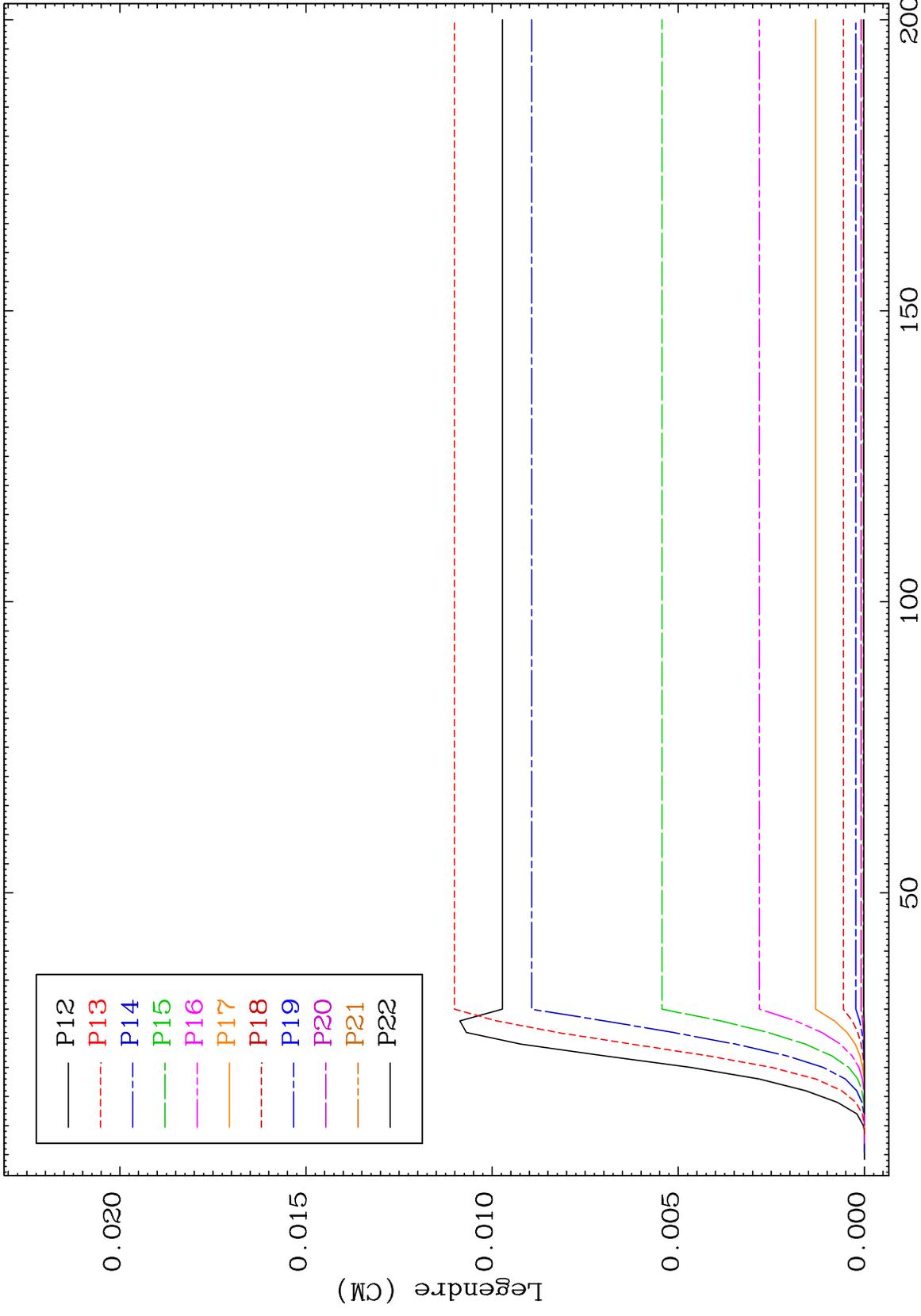
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MAT 2125

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

21-Sc-45



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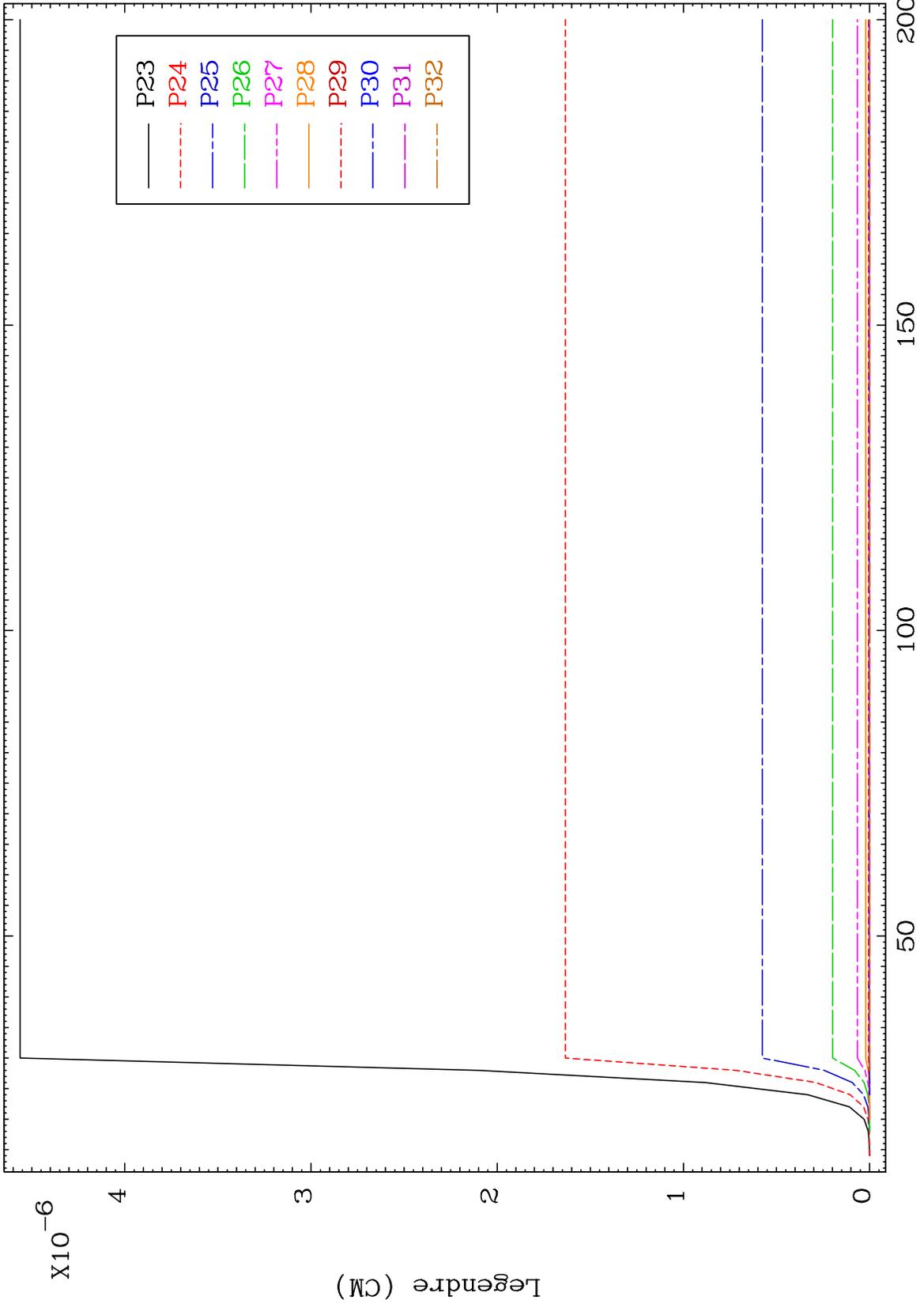
Incident Energy (MeV)

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MAT 2125

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

21-Sc-45



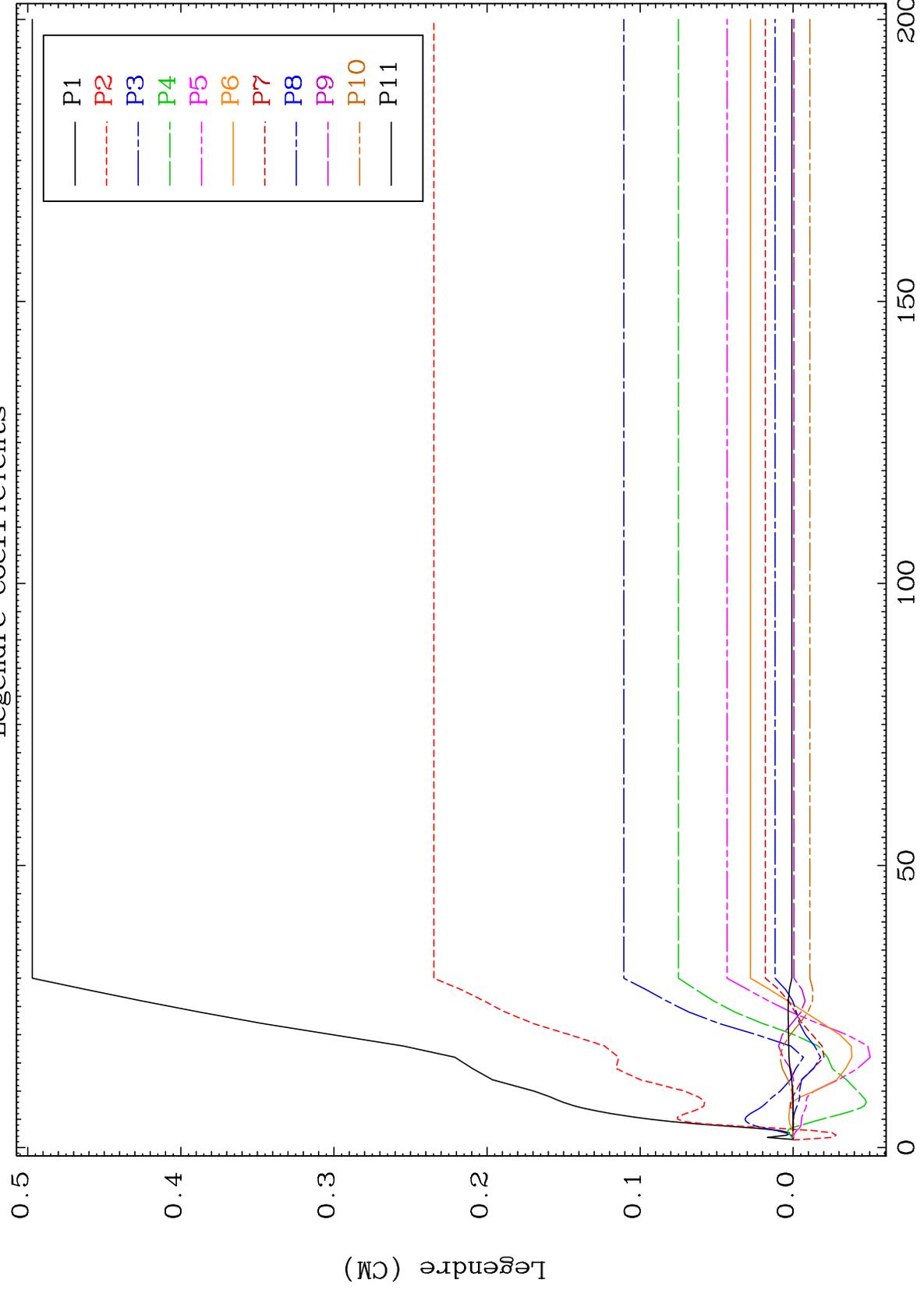
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Incident Energy (MeV)

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MAT 2125 MT= 59 (n,n') Level Legendre Coefficients

21-Sc-45



42

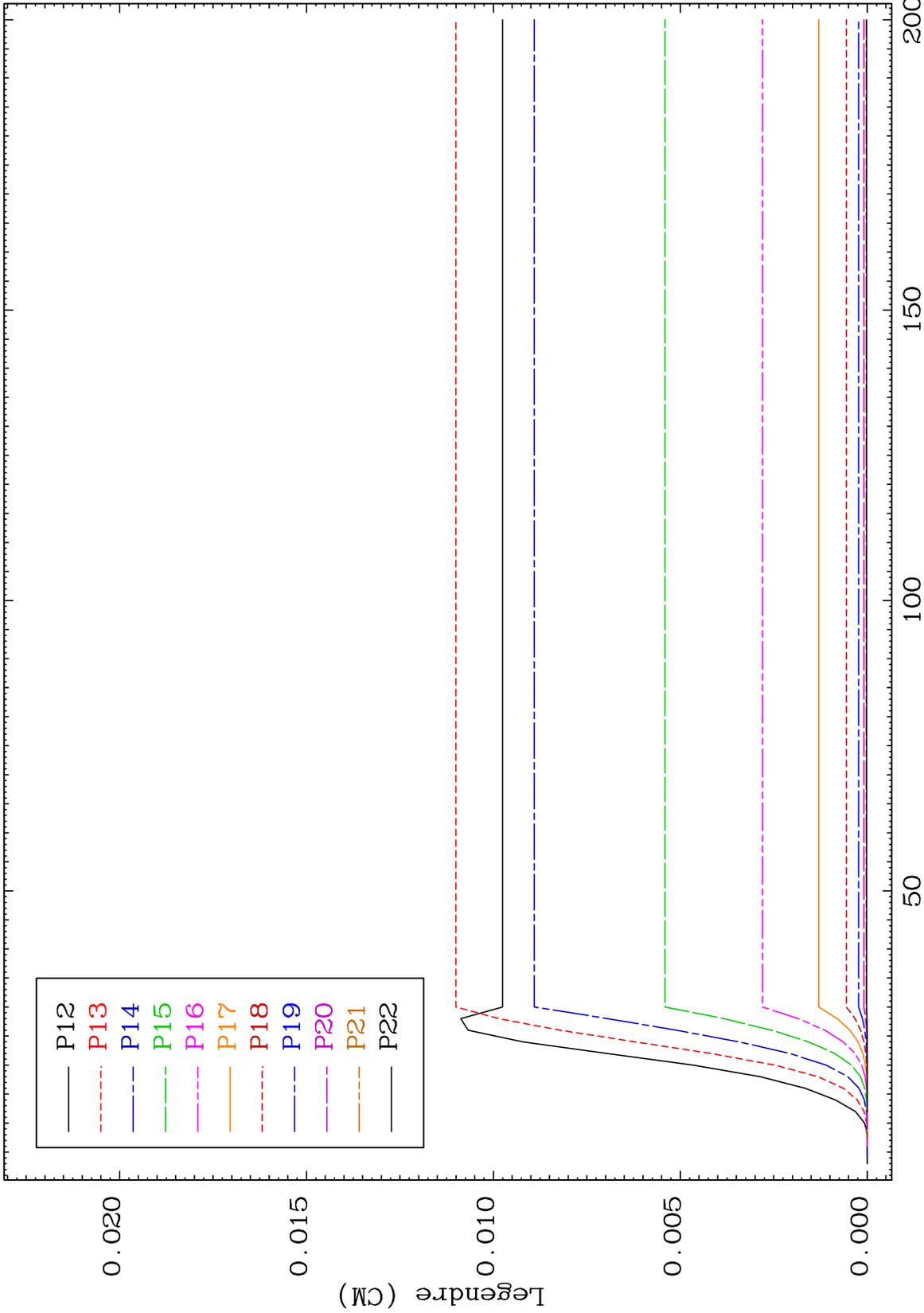
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MAT 2125

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

21-Sc-45



43

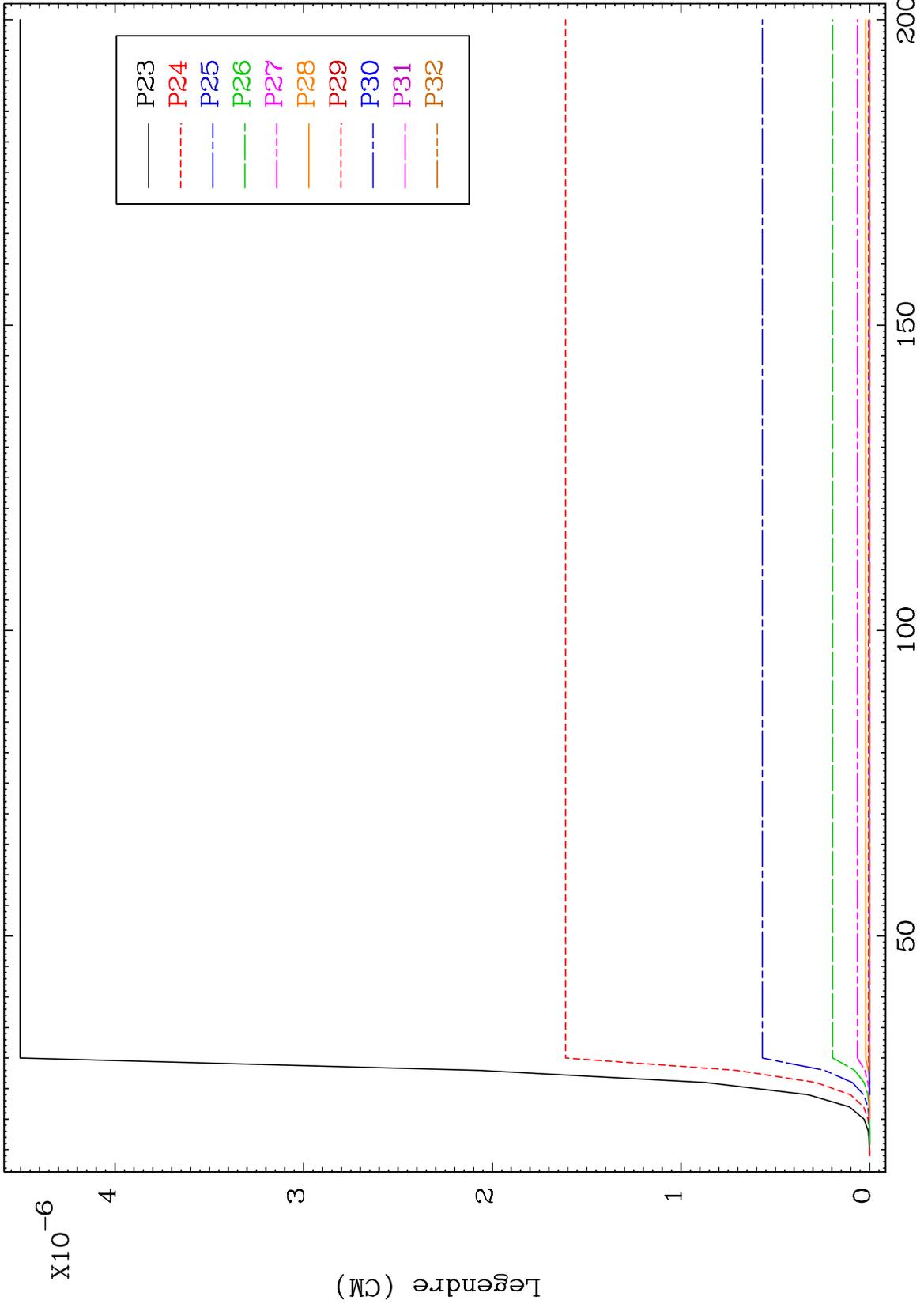
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MAT 2125

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

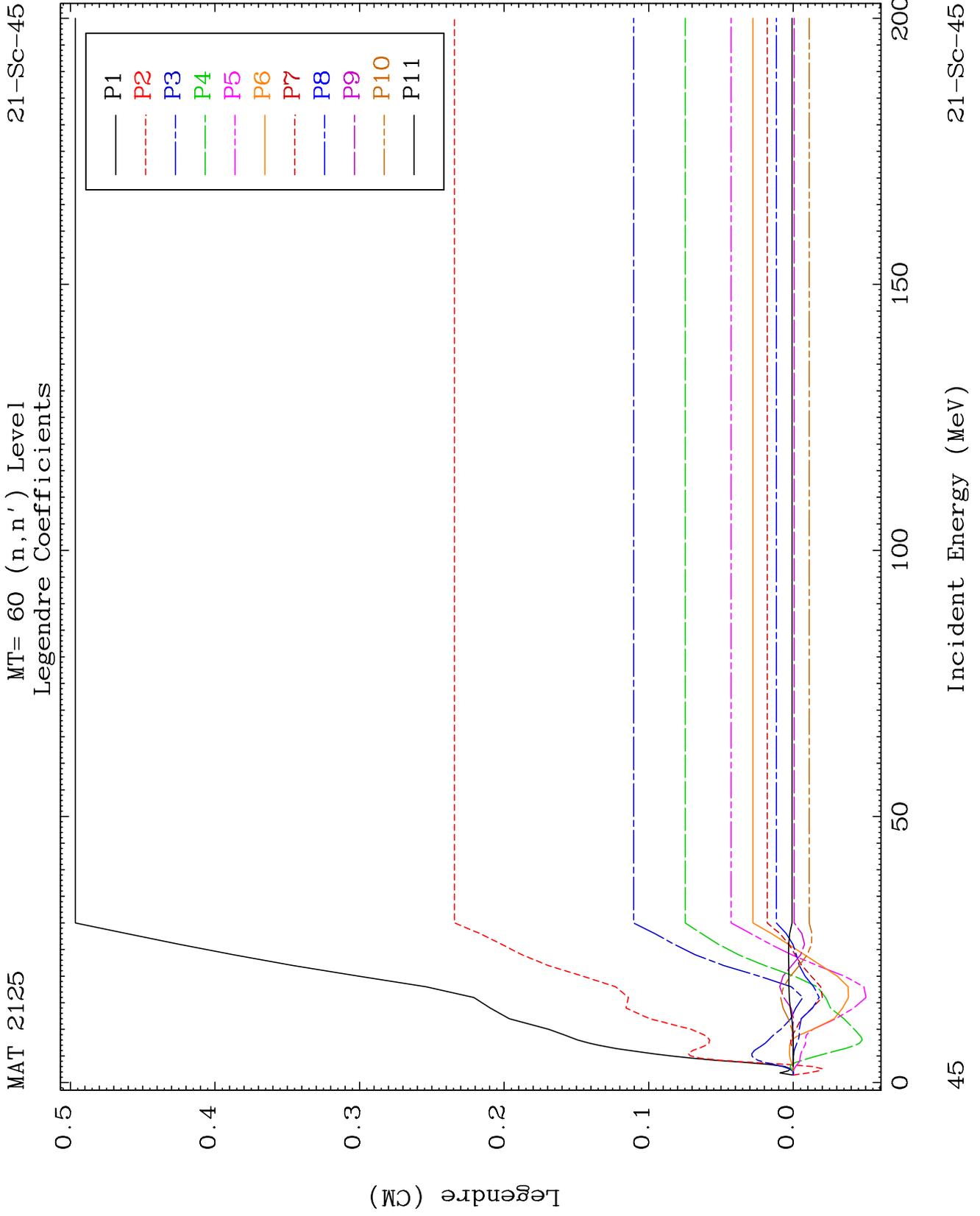
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Incident Energy (MeV)

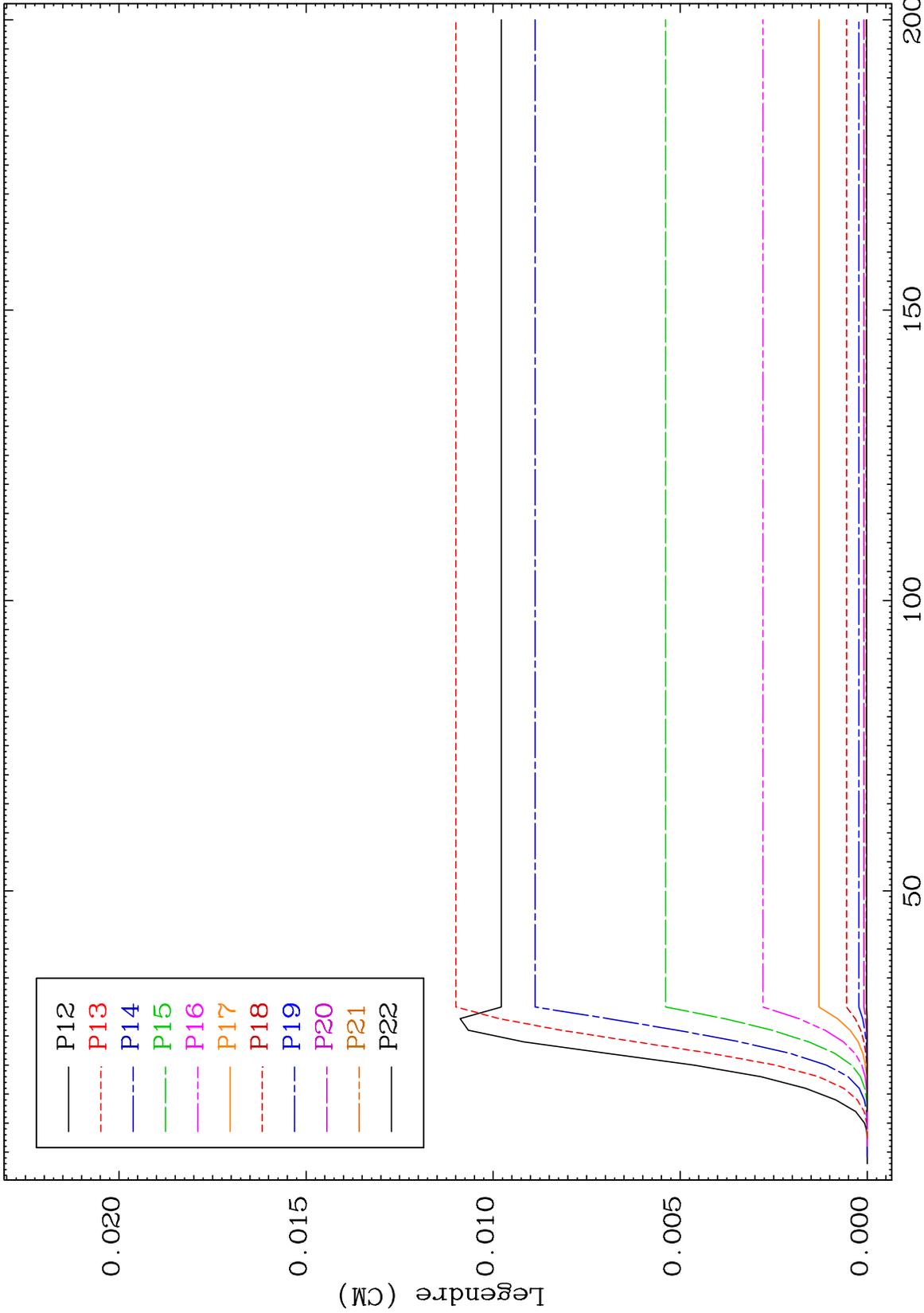
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MAT 2125

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

21-Sc-45



46

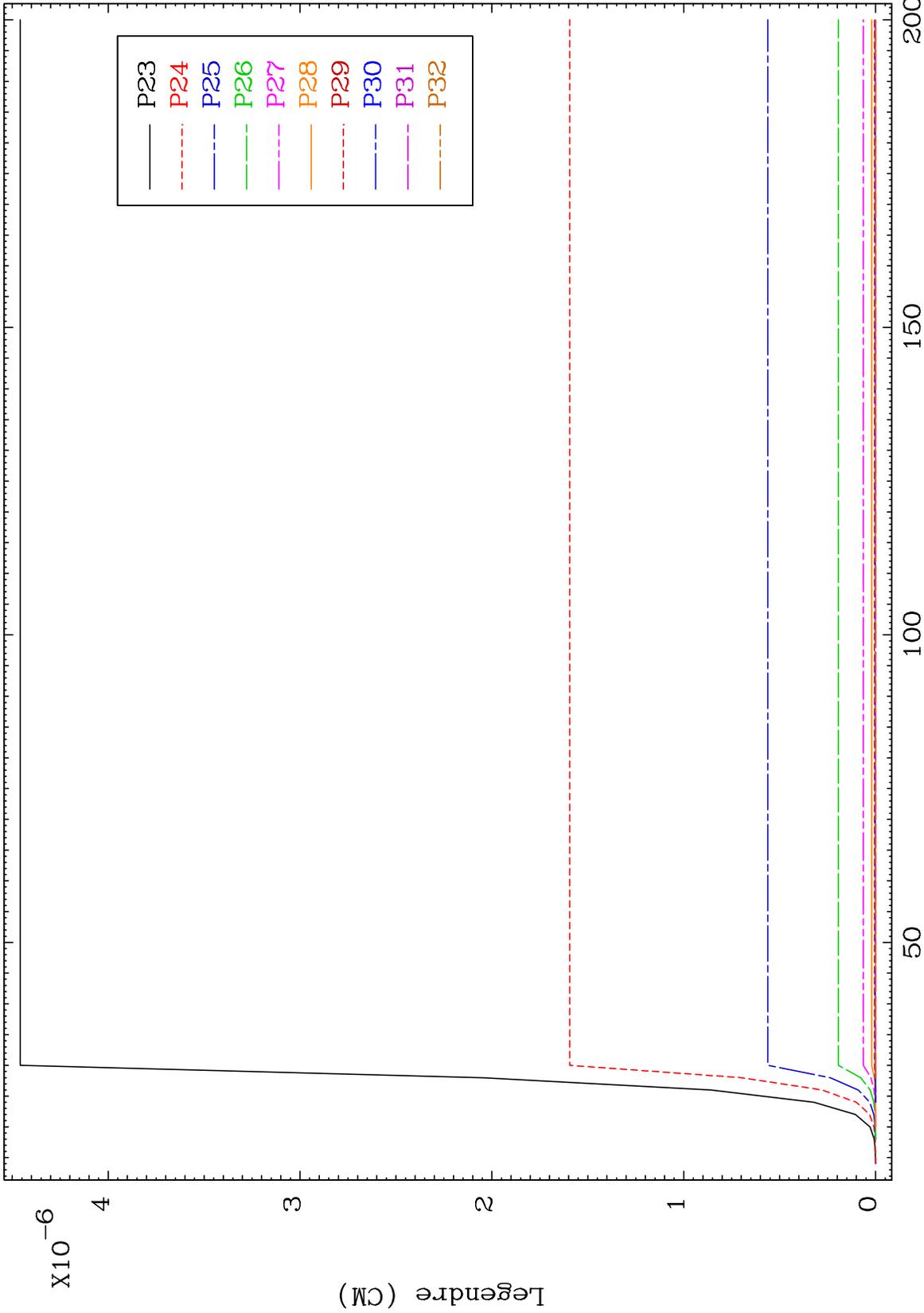
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

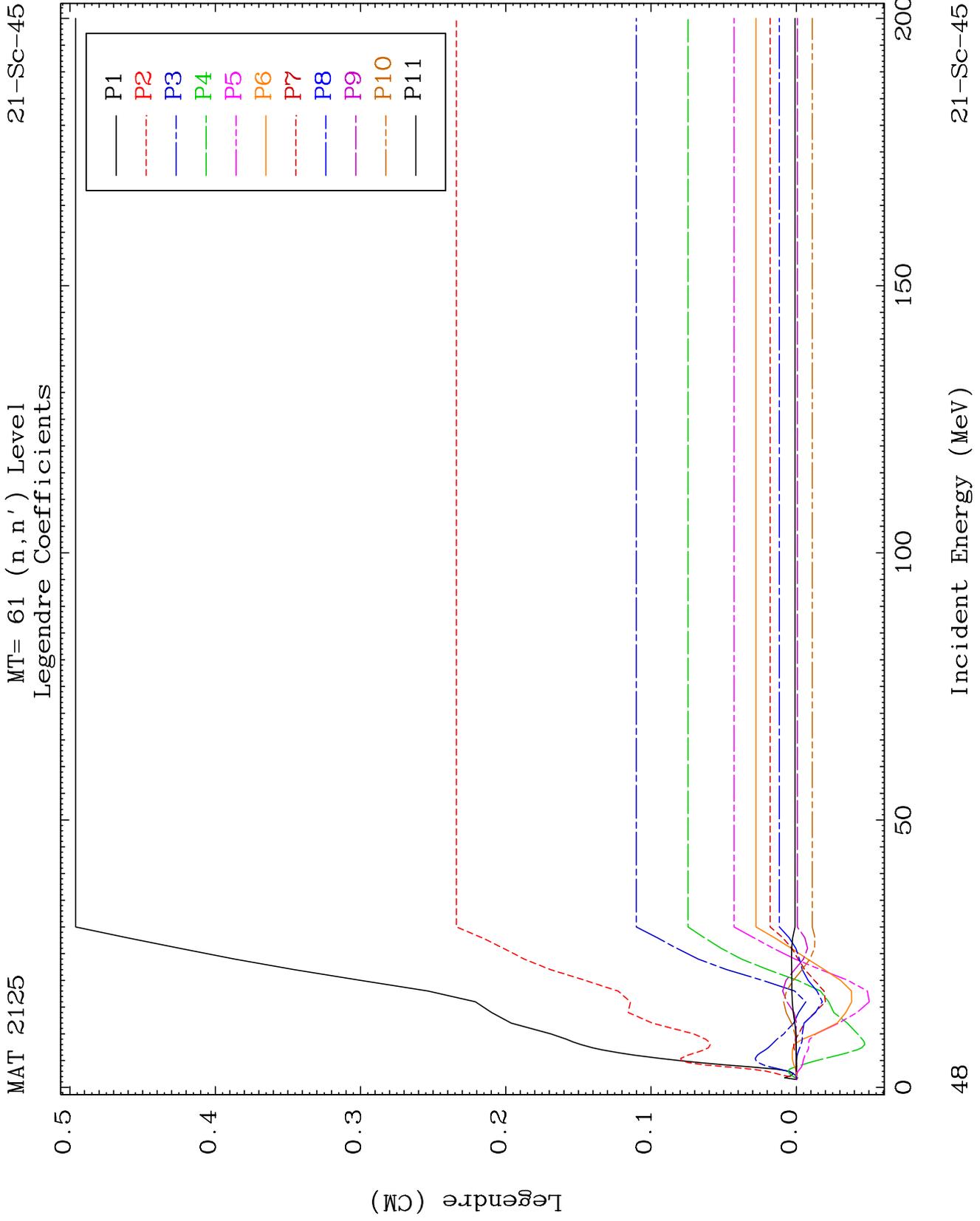
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47

Incident Energy (MeV)

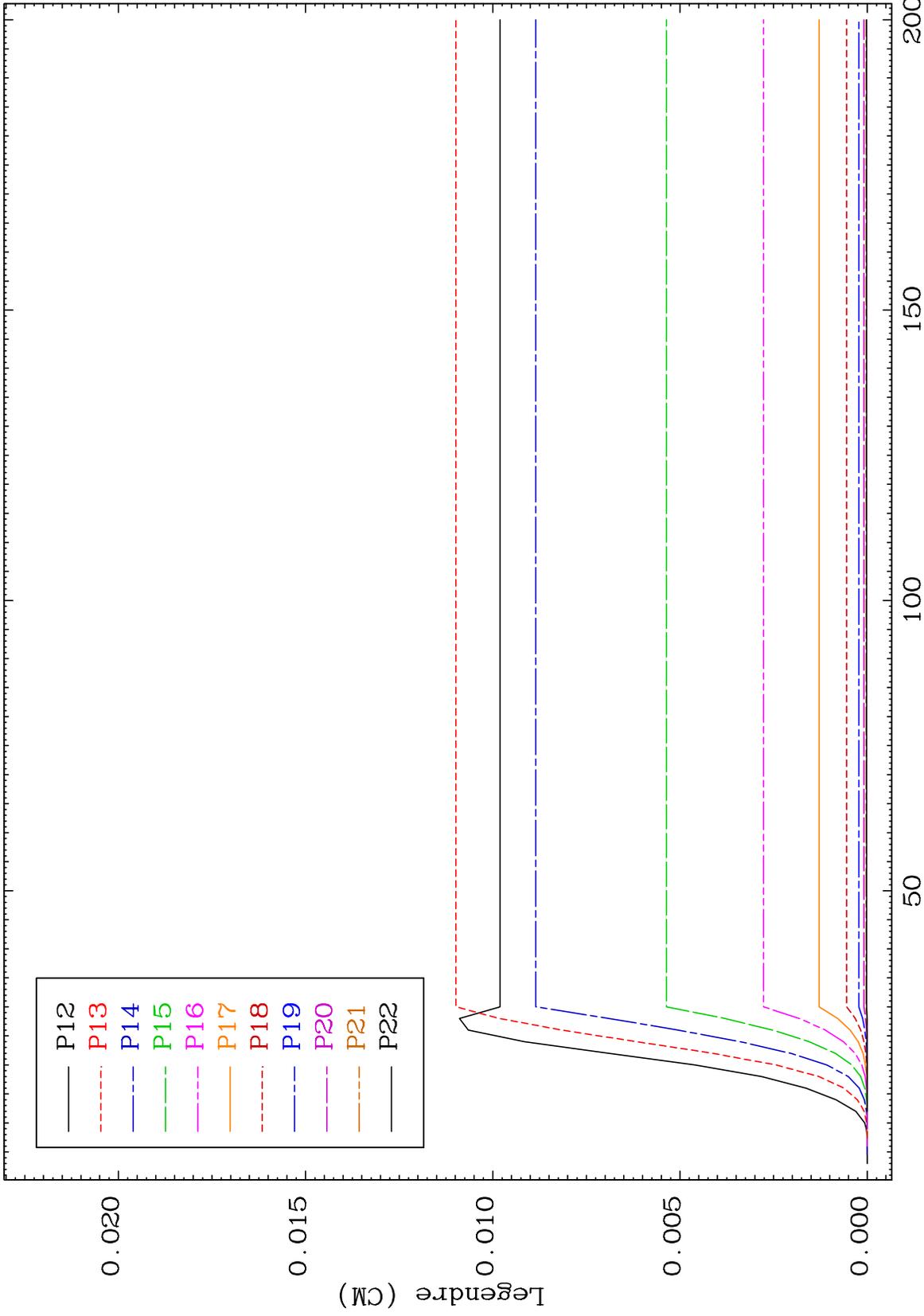
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MAT 2125

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

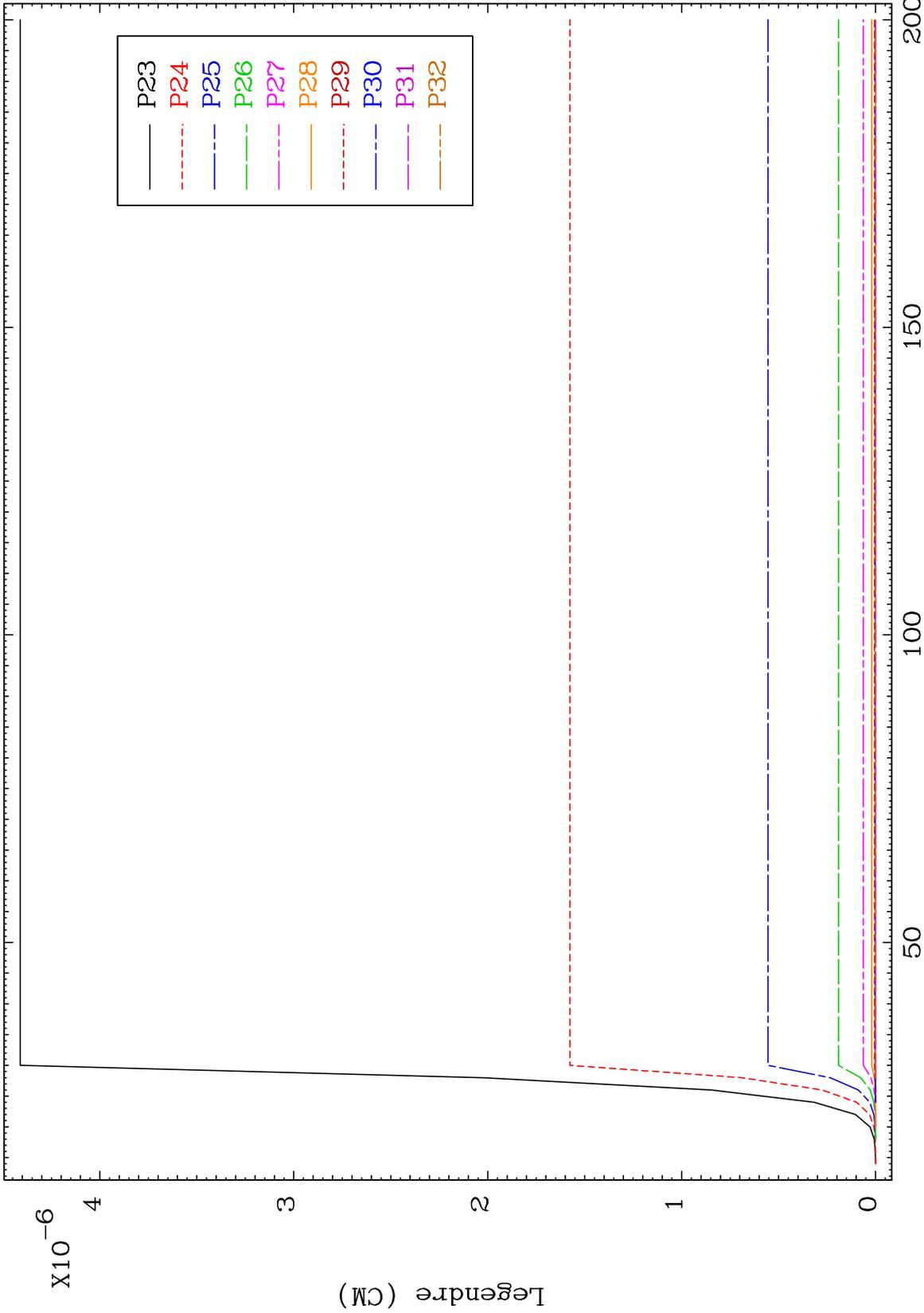
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MAT 2125

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

21-Sc-45



50

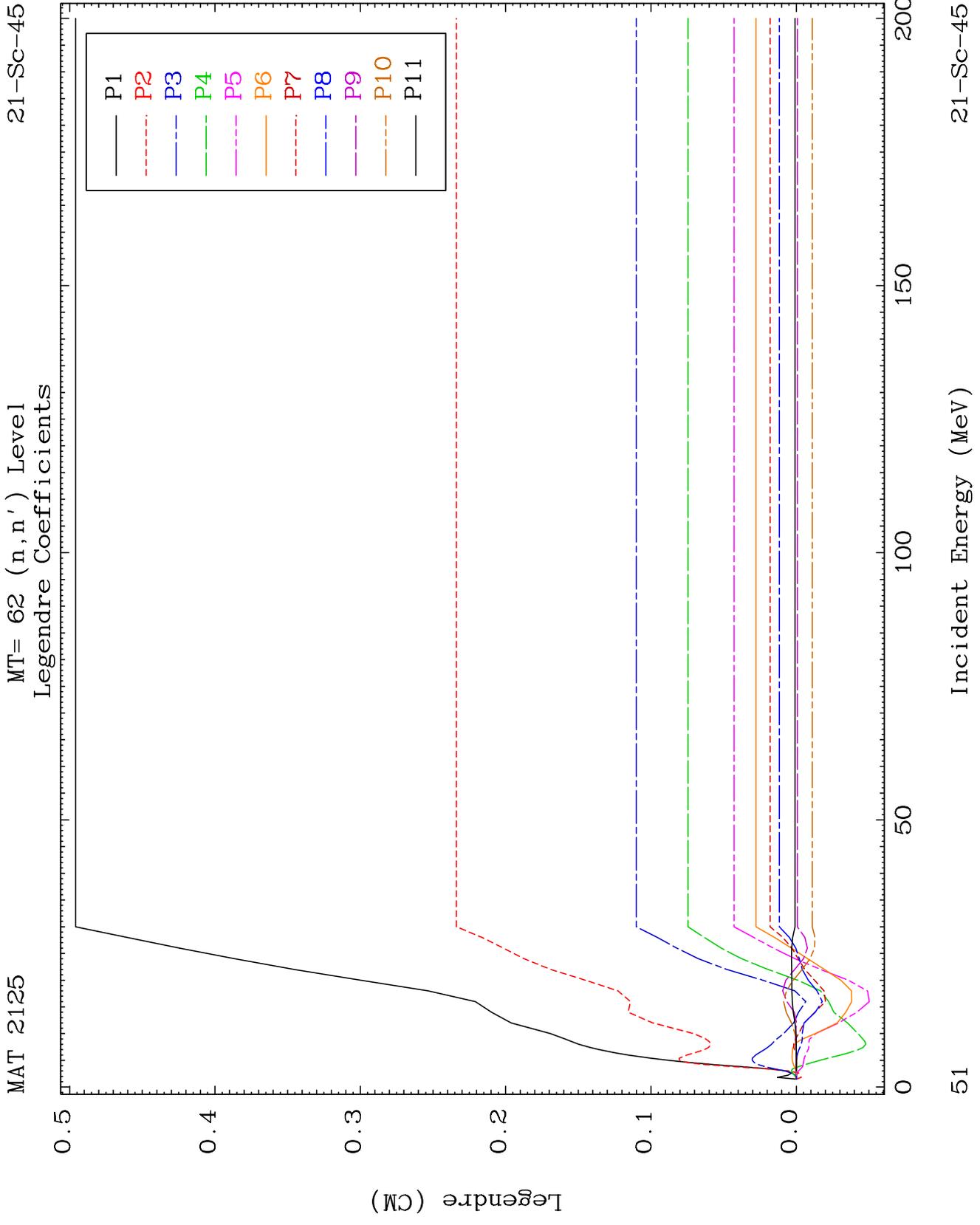
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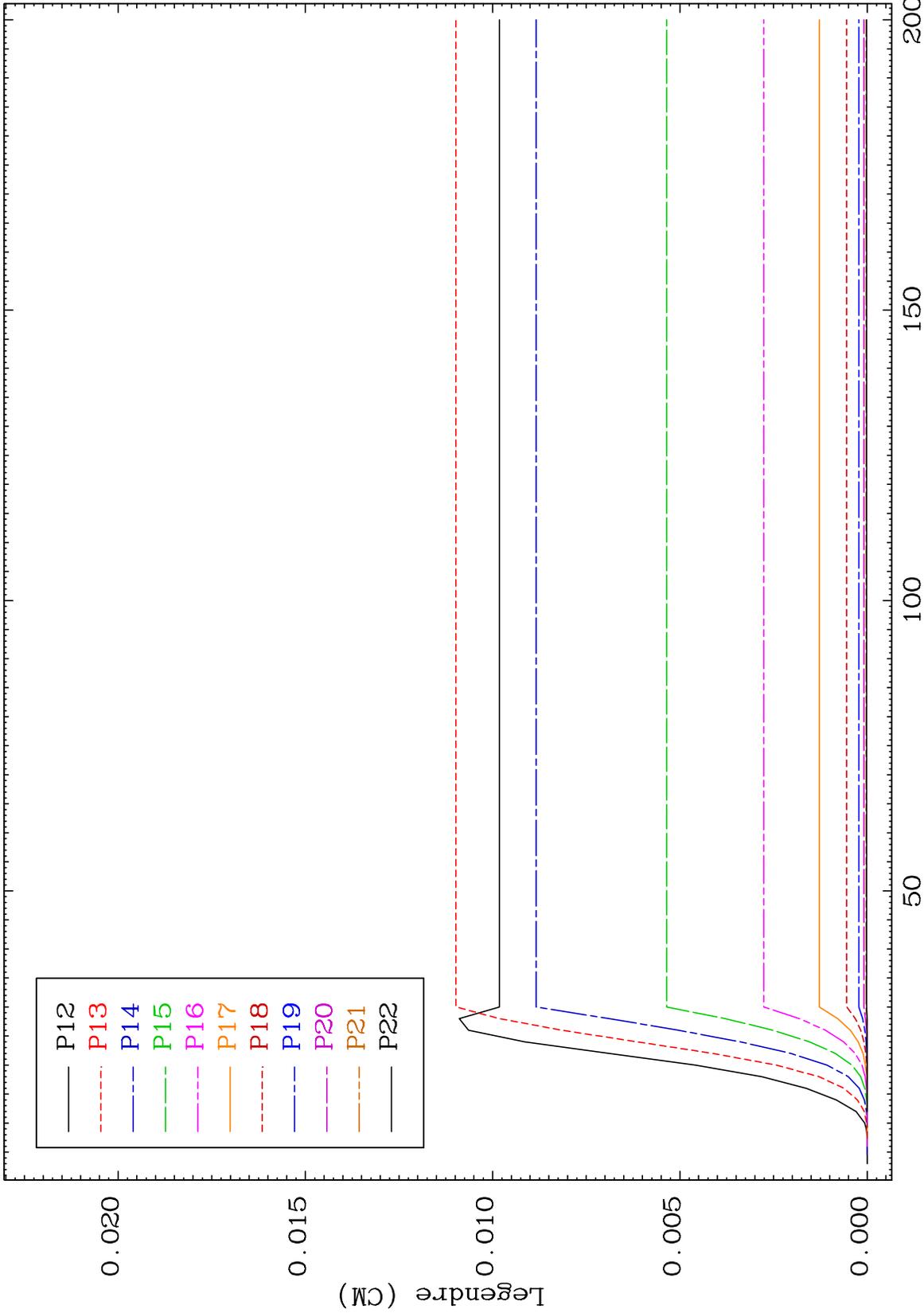
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MAT 2125

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

21-Sc-45



52

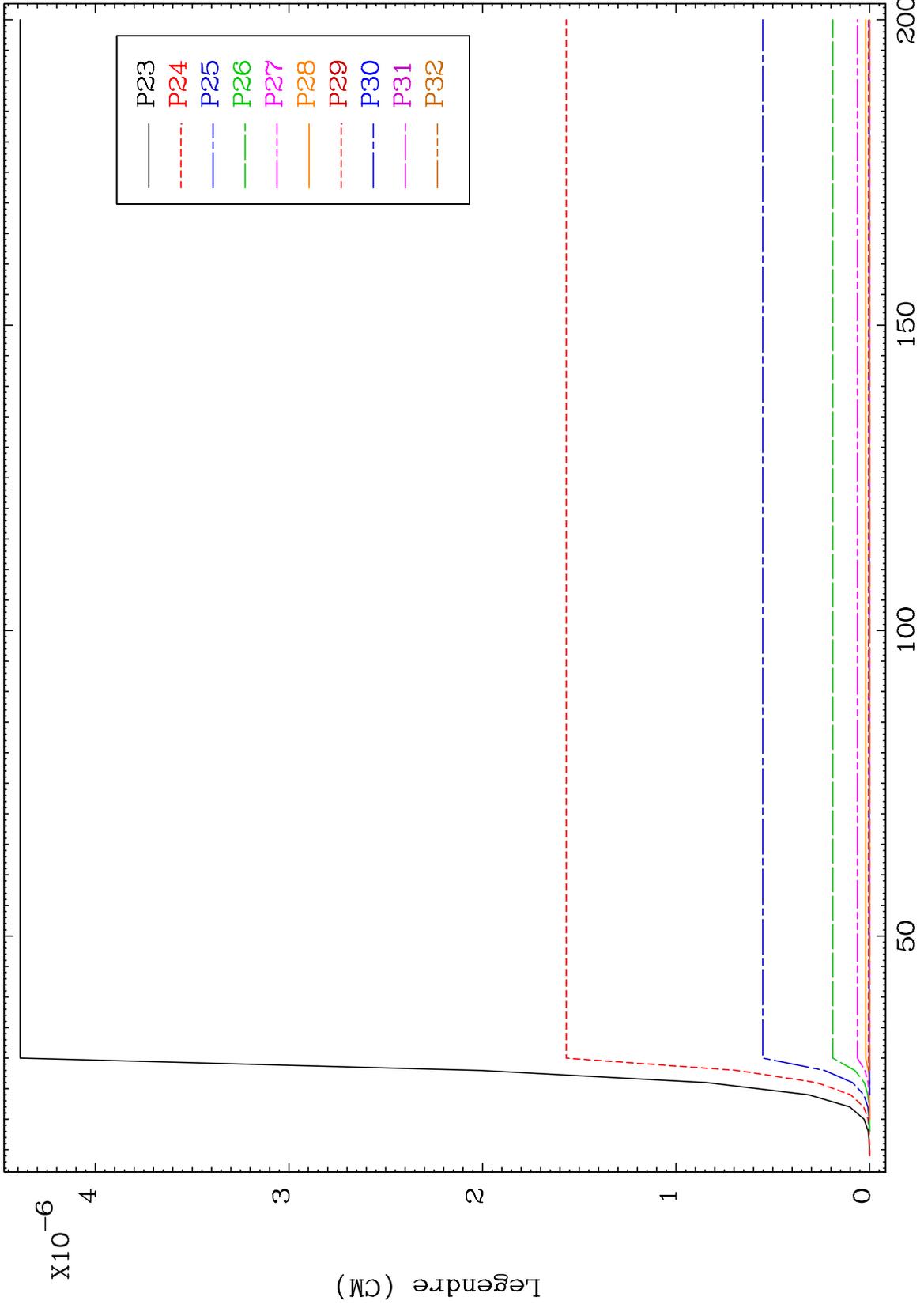
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45



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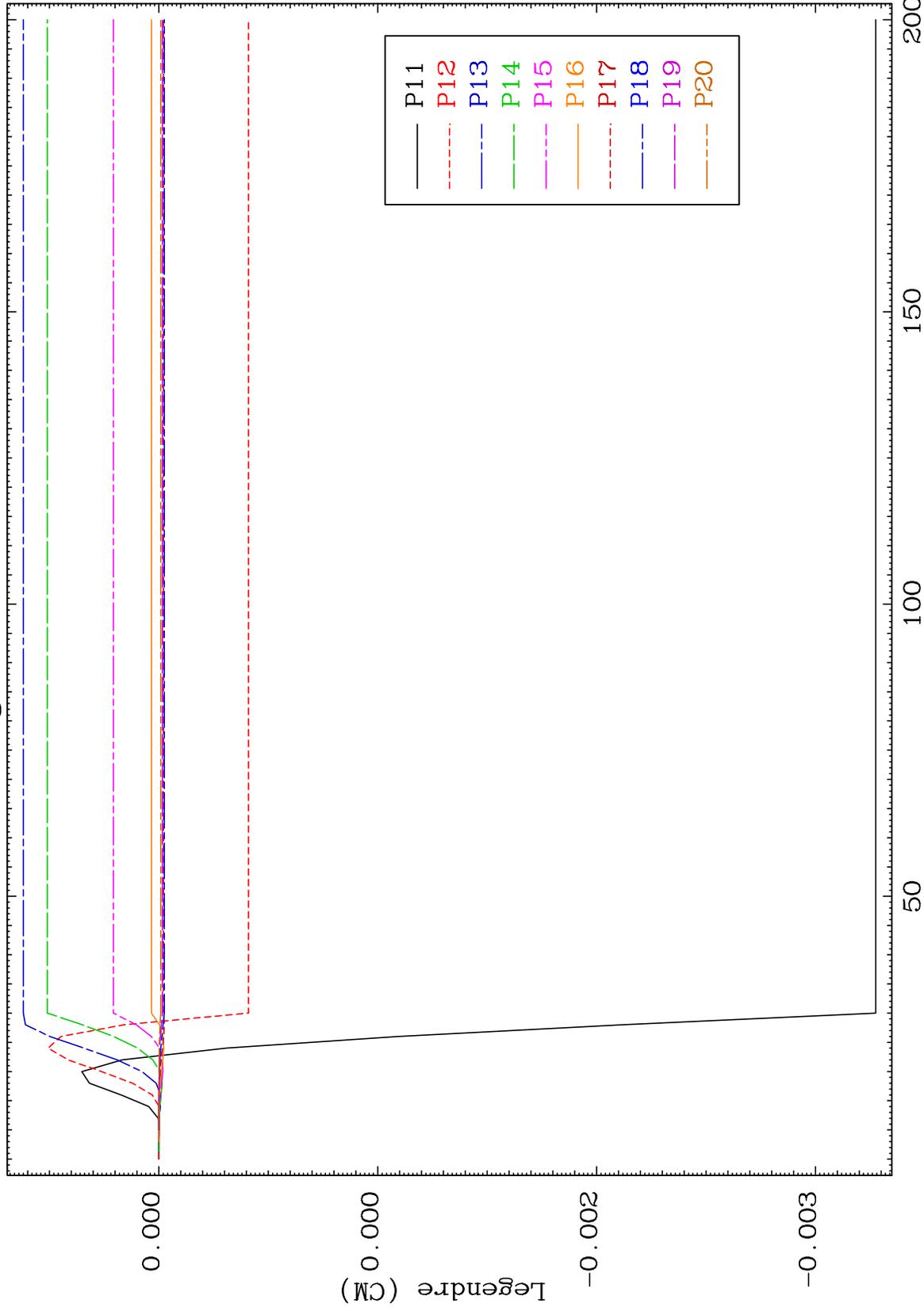
Incident Energy (MeV)

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MAT 2125

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

21-Sc-45

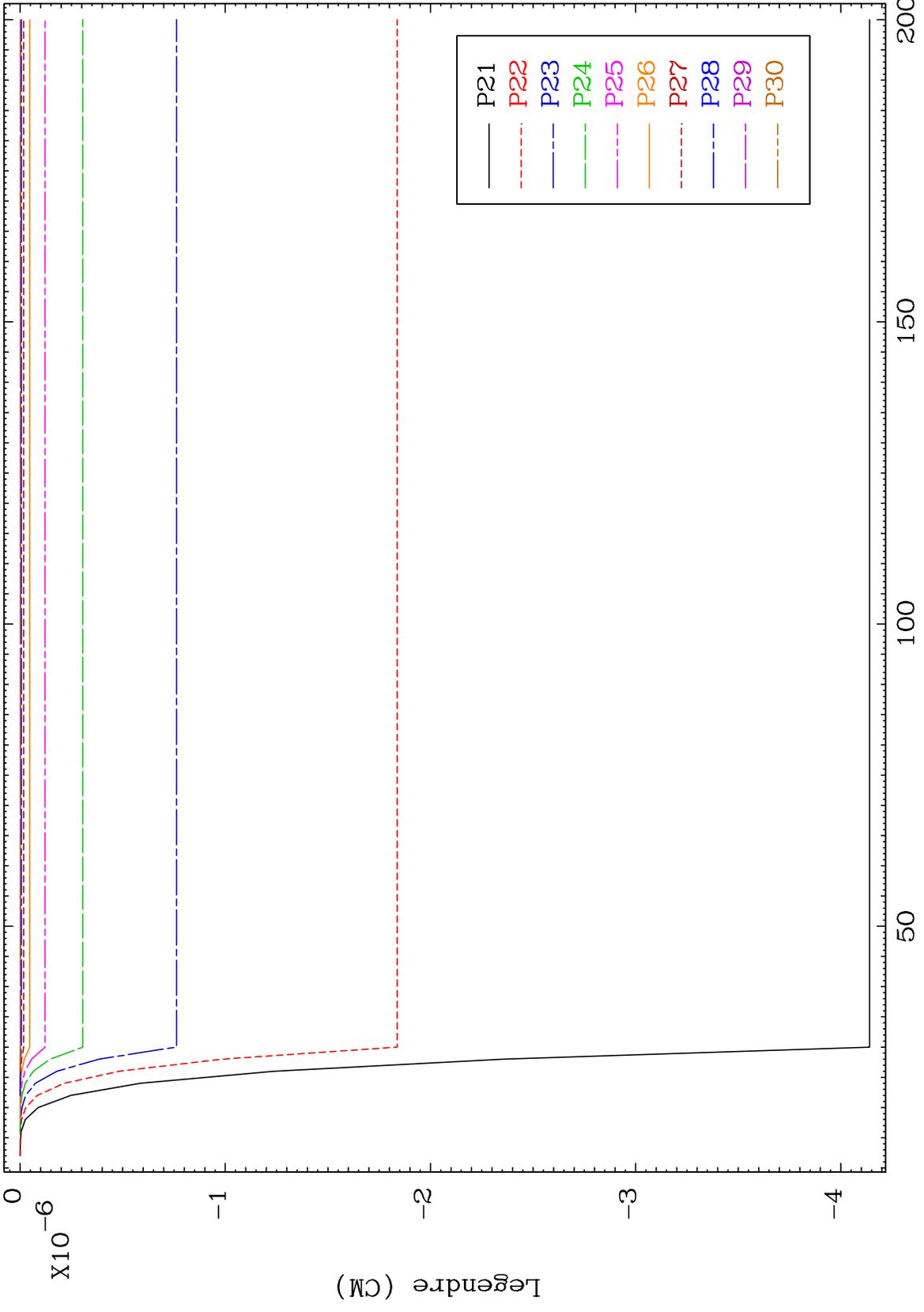


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Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 63 (n,n') Level Legendre Coefficients 21-Sc-45

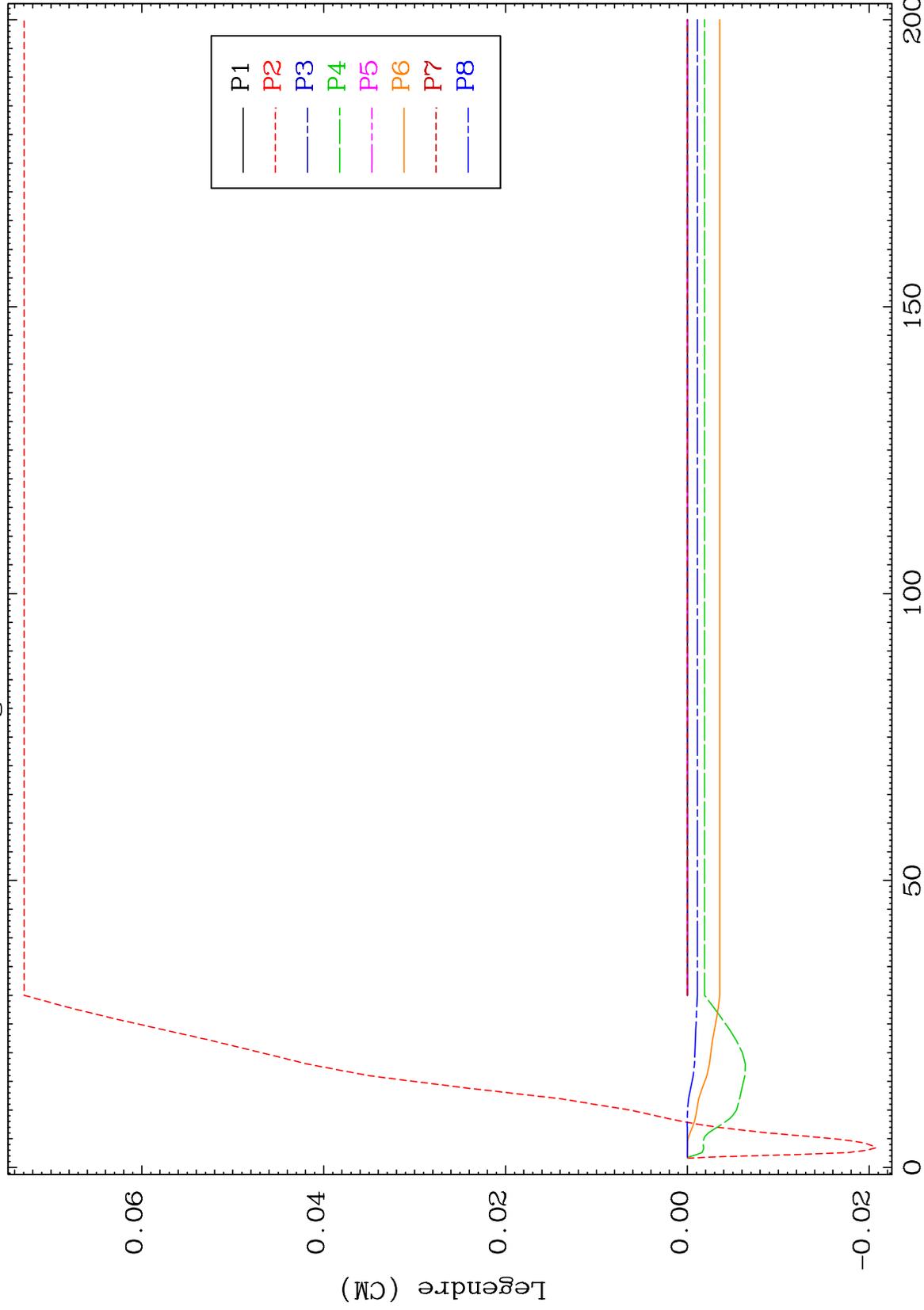


56 Incident Energy (MeV) 21-Sc-45

MAT 2125

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

21-Sc-45



57

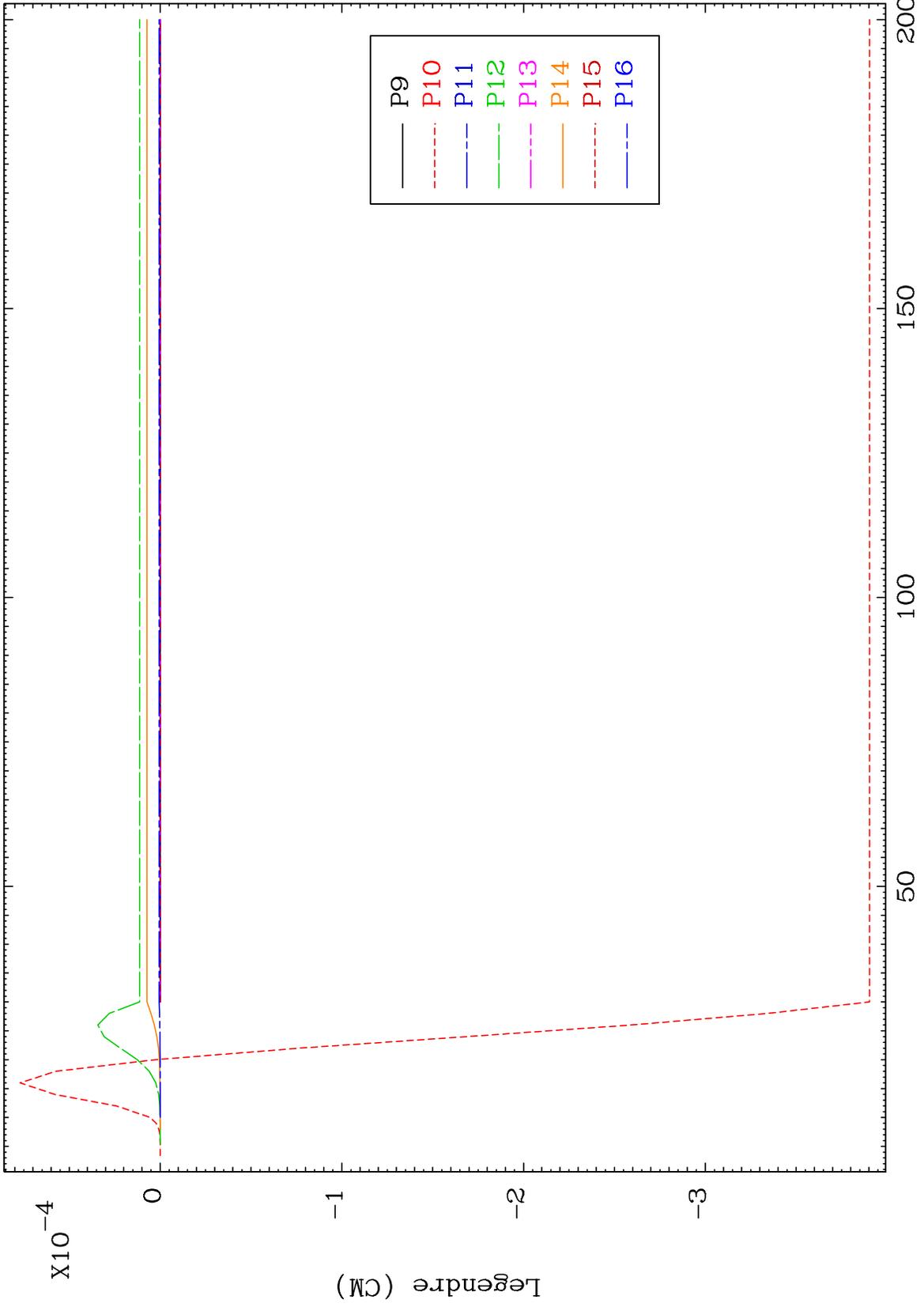
Incident Energy (MeV)

21-Sc-45

MAT 2125

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

21-Sc-45

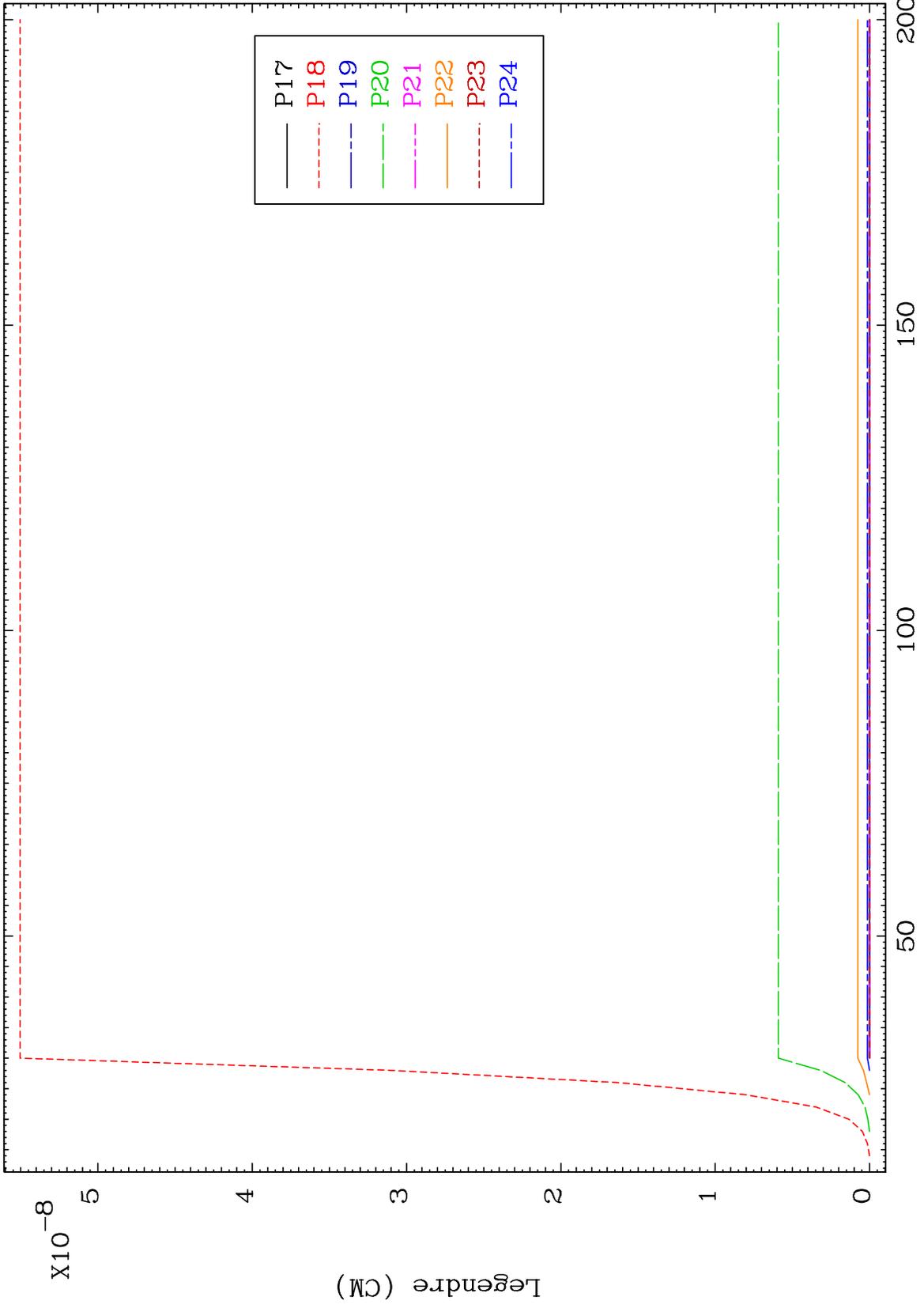


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Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 64 (n,n') Level Legendre Coefficients 21-Sc-45

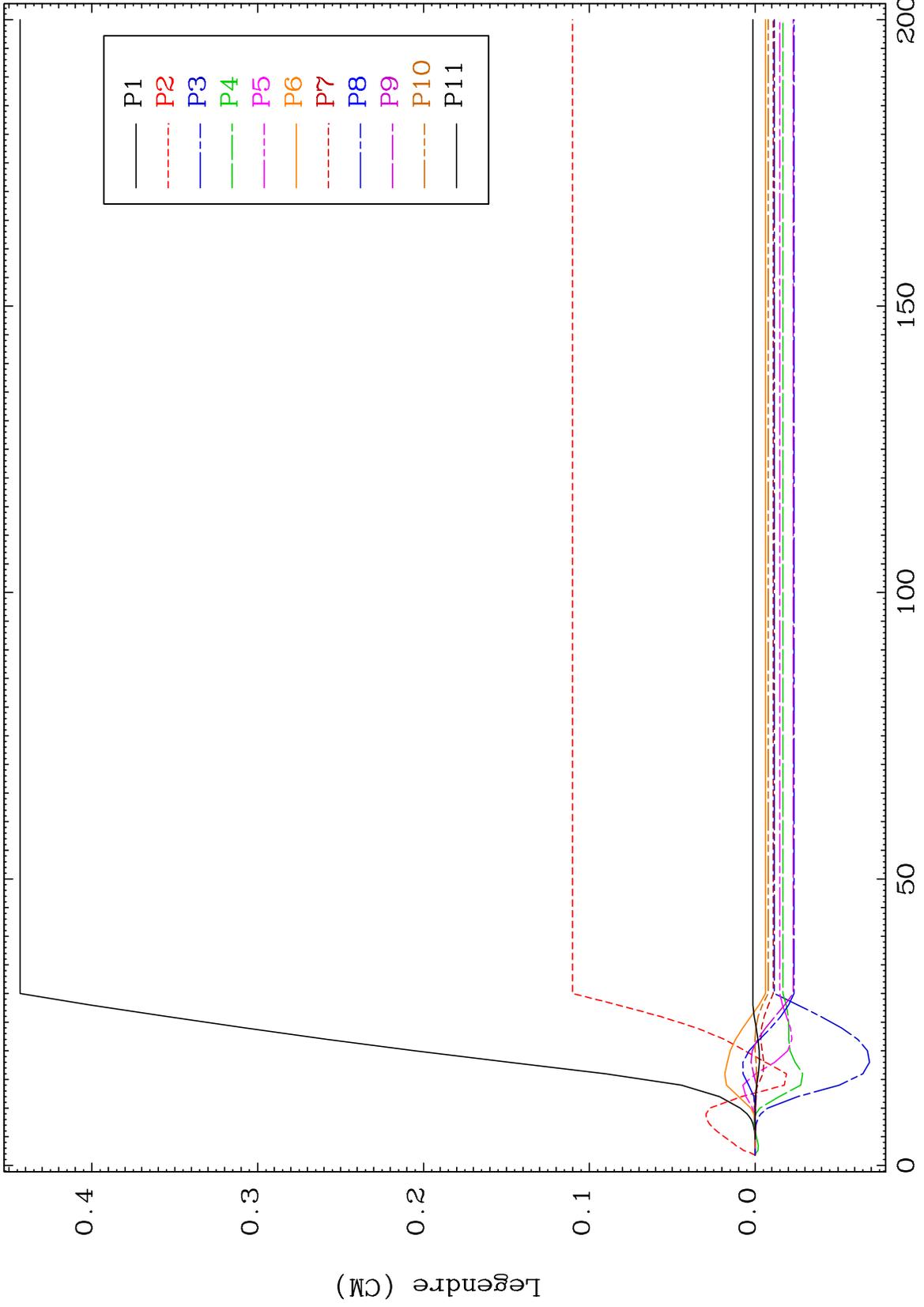


59 100 150 200 21-Sc-45

MAT 2125

MT= 65 (n,n') Level
Legendre Coefficients

21-Sc-45



60

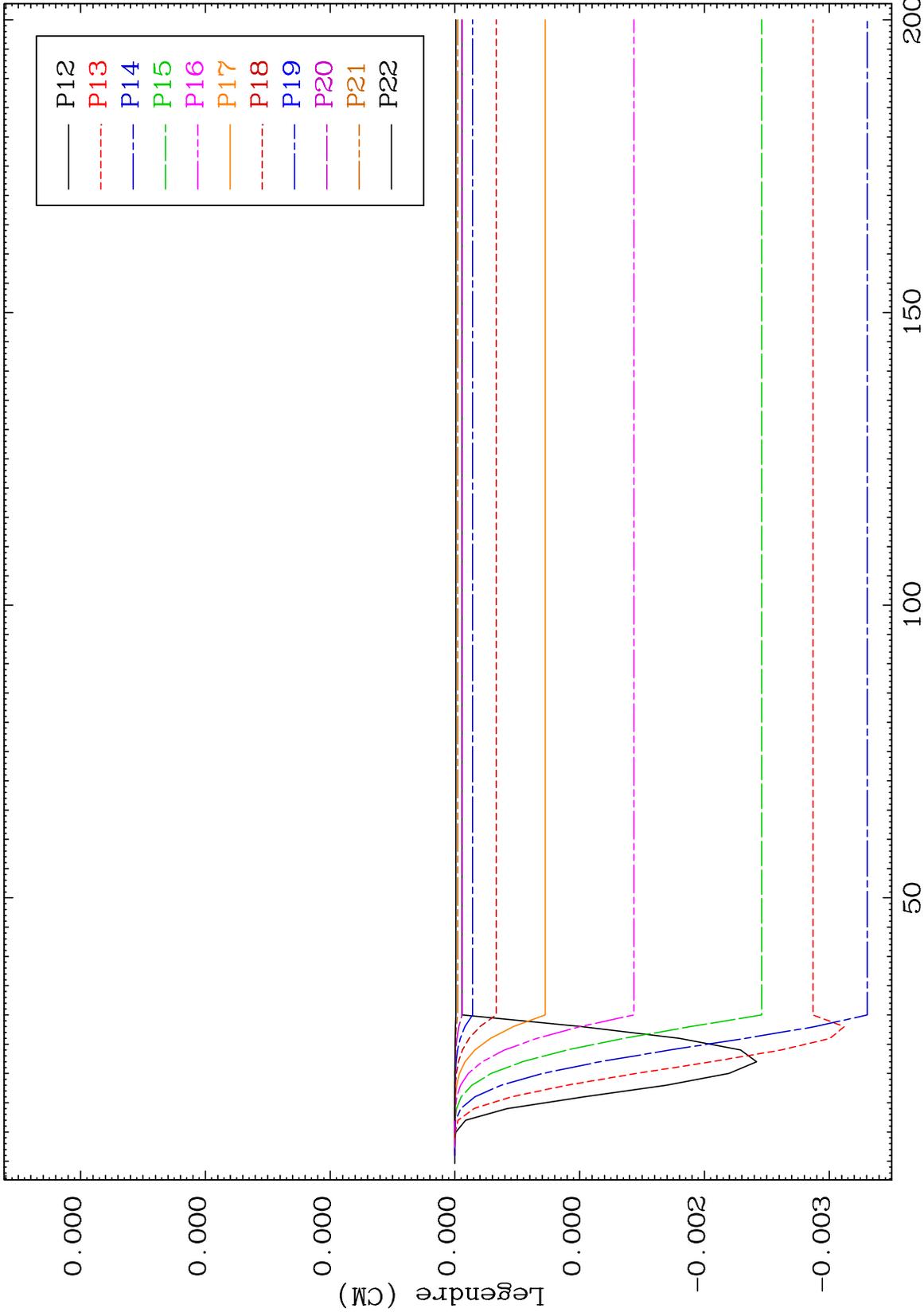
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 65 (n,n') Level
Legendre Coefficients

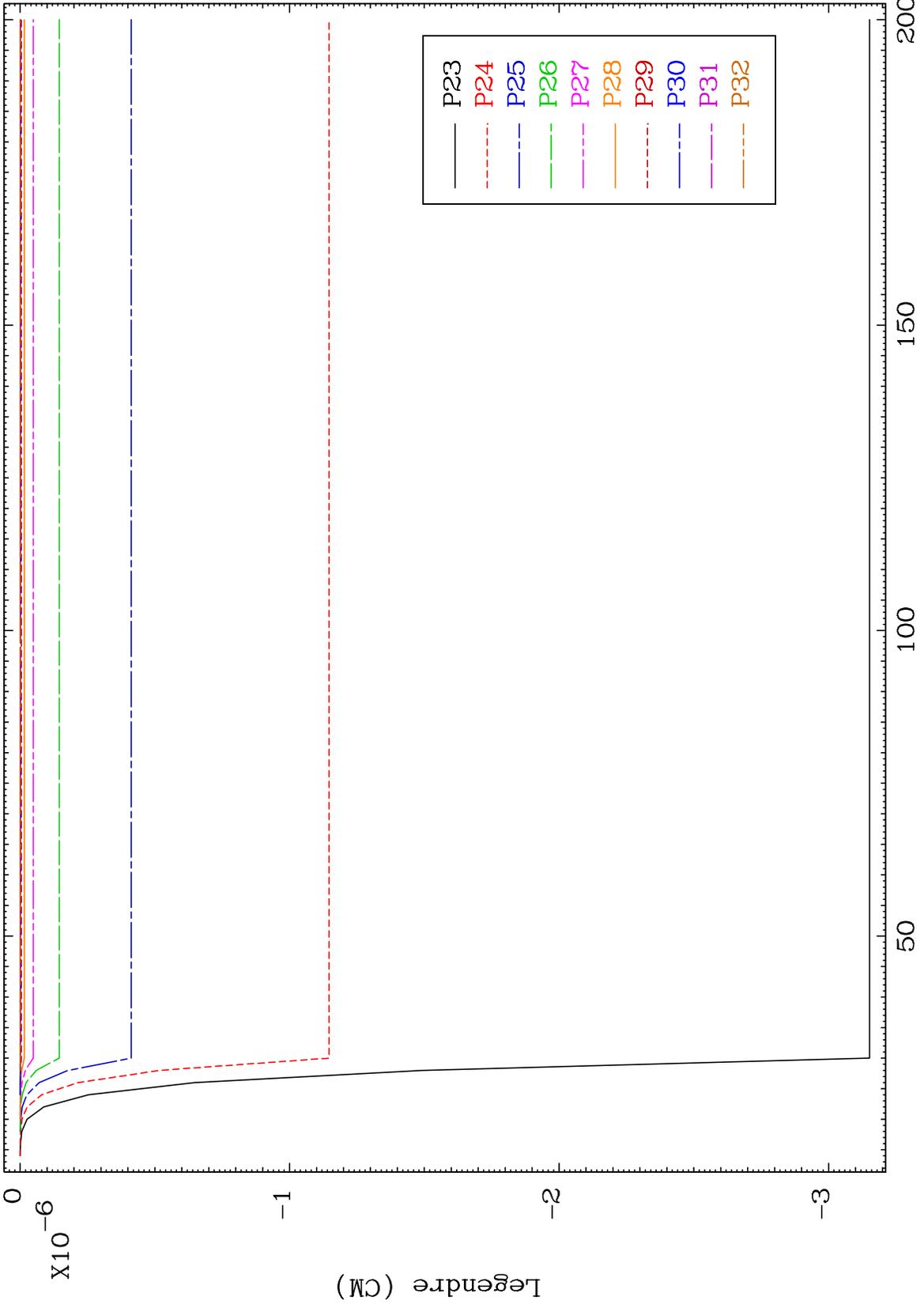
21-Sc-45



61

21-Sc-45

MAT 2125 MT= 65 (n,n') Level Legendre Coefficients 21-Sc-45

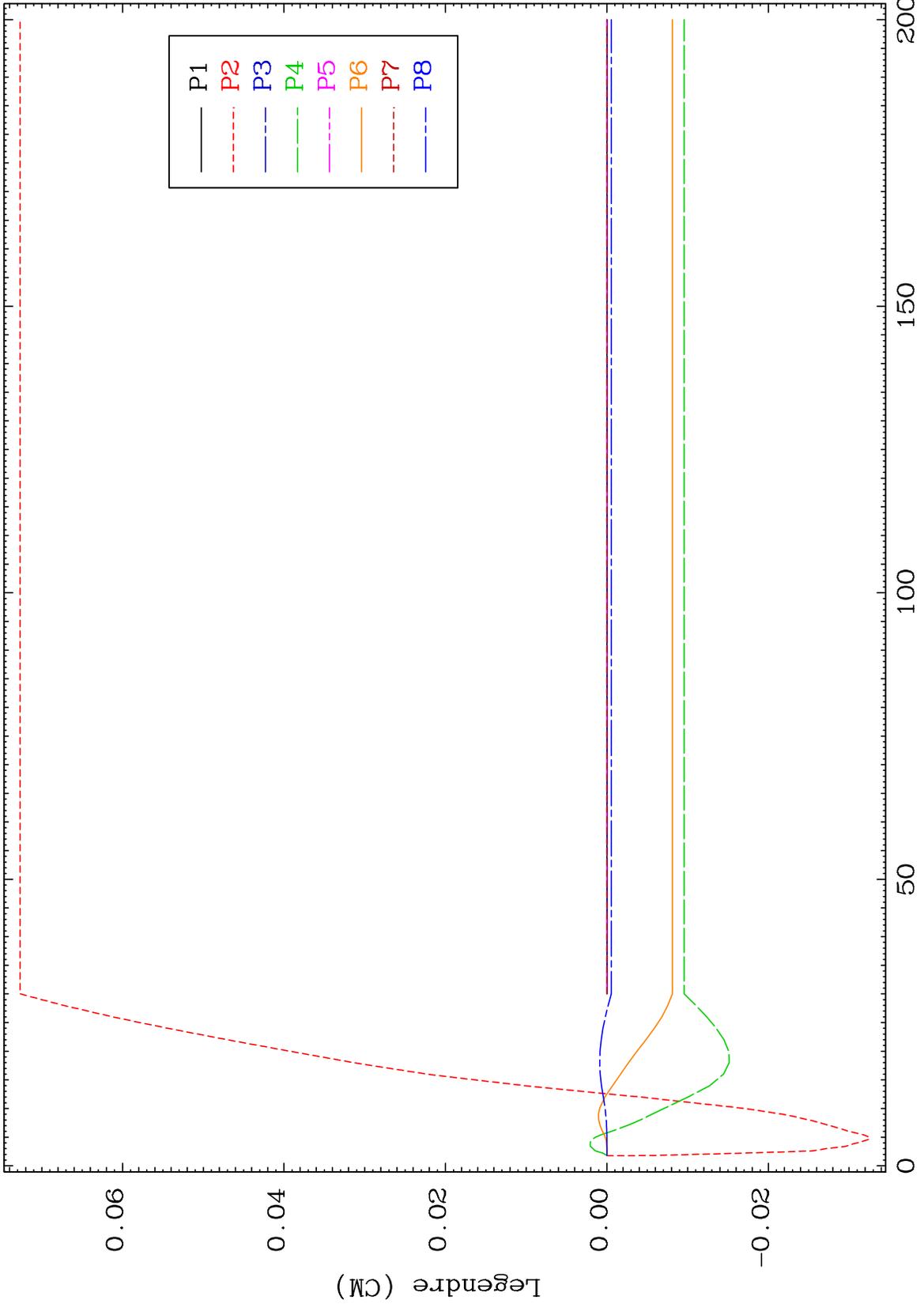


62 Incident Energy (MeV) 21-Sc-45

MAT 2125 MT= 66 (n,n') Level Legendre Coefficients

21-Sc-45

21-Sc-45

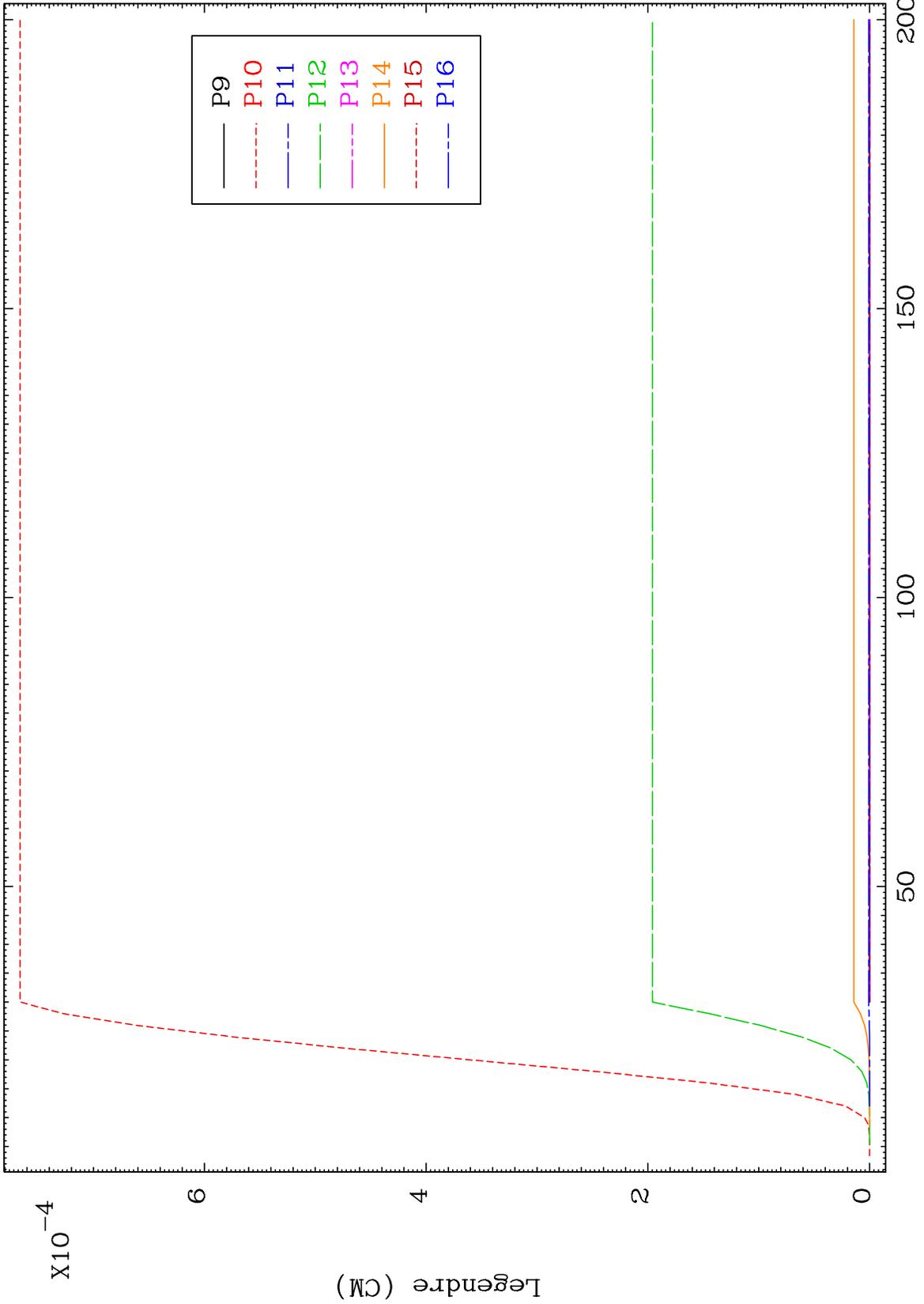


63

MAT 2125

MT= 66 (n,n') Level
Legendre Coefficients

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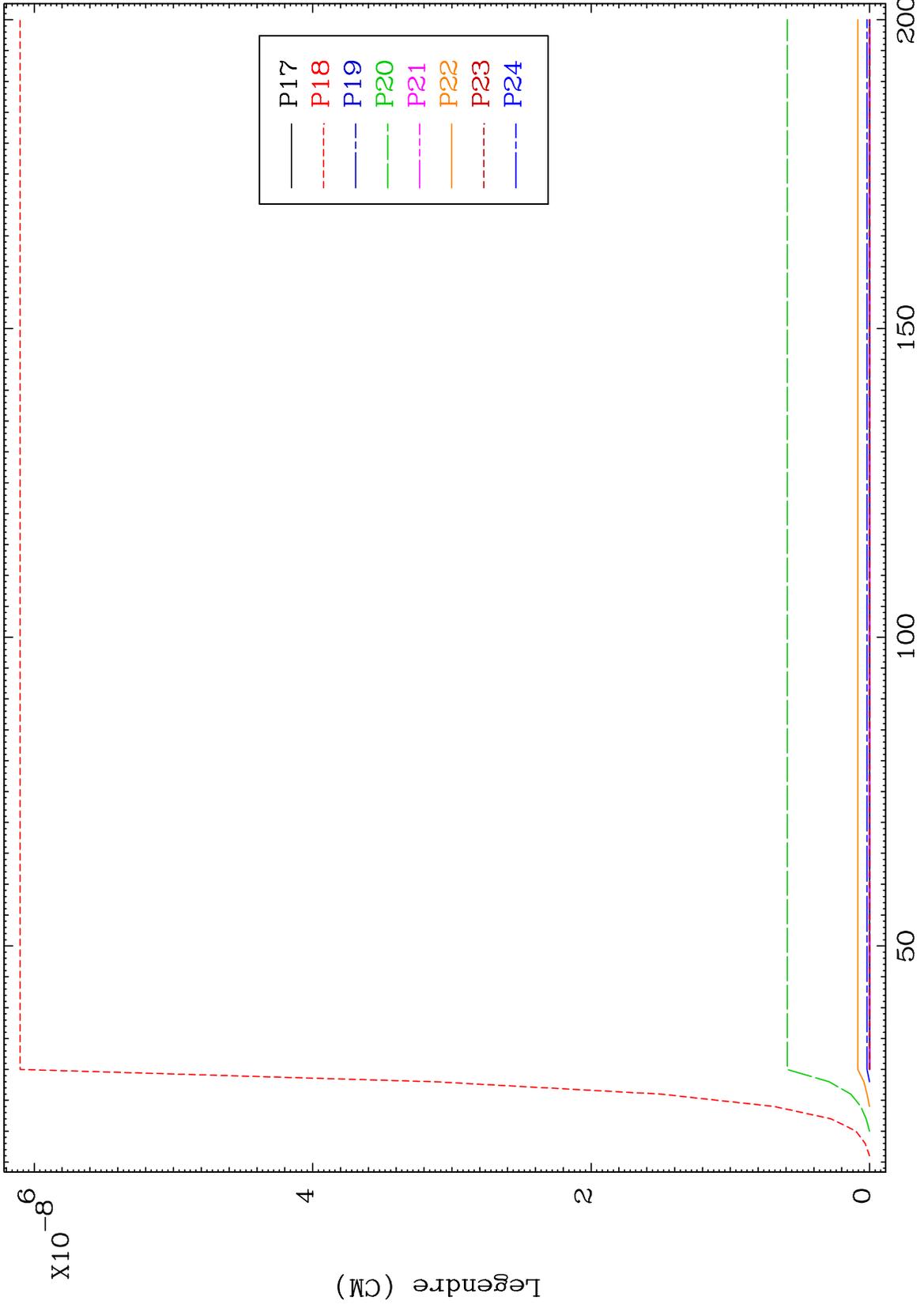


64

Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 66 (n,n') Level Legendre Coefficients 21-Sc-45



21-Sc-45

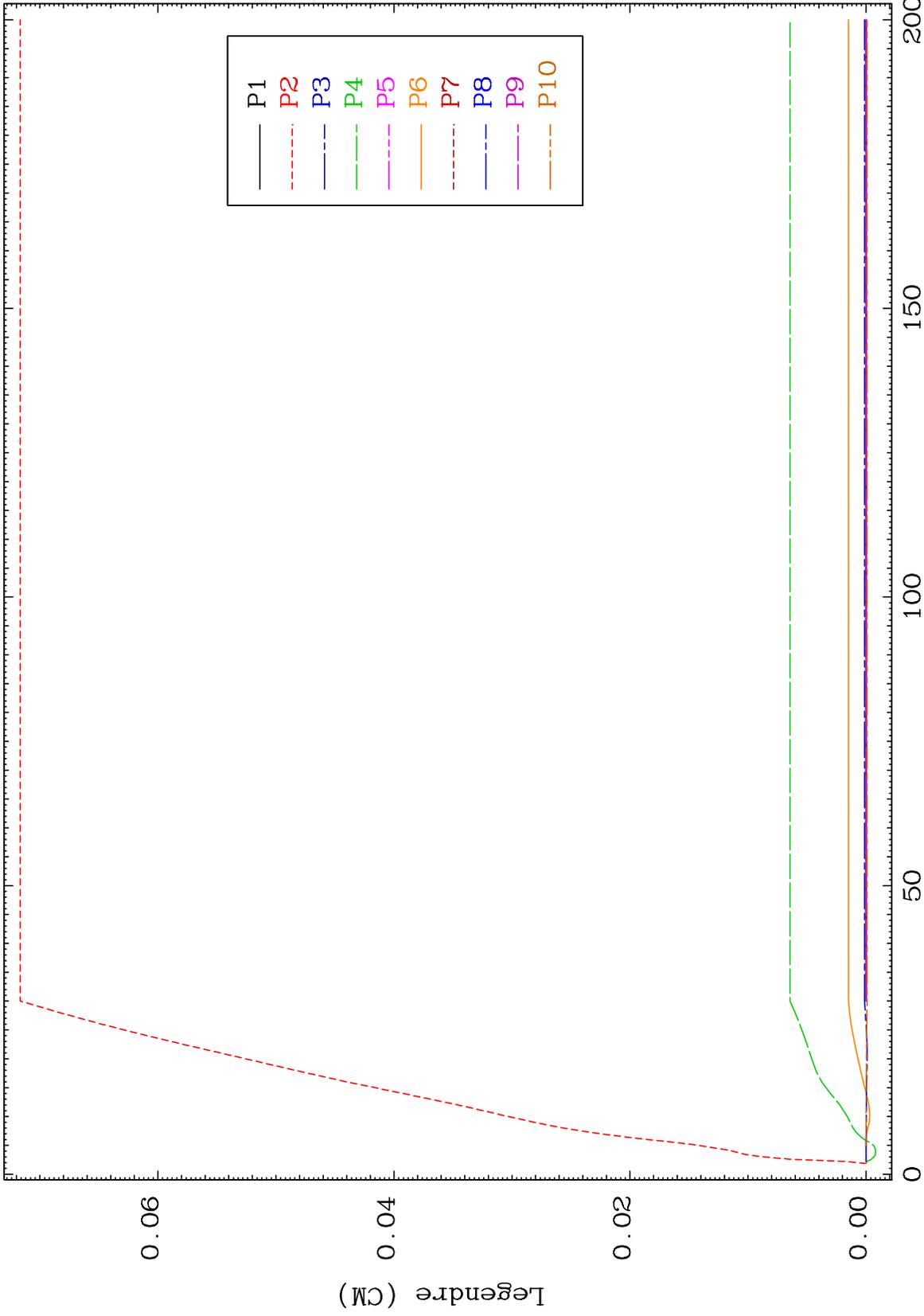
Incident Energy (MeV)

65

MAT 2125

MT= 67 (n,n') Level
Legendre Coefficients

21-Sc-45

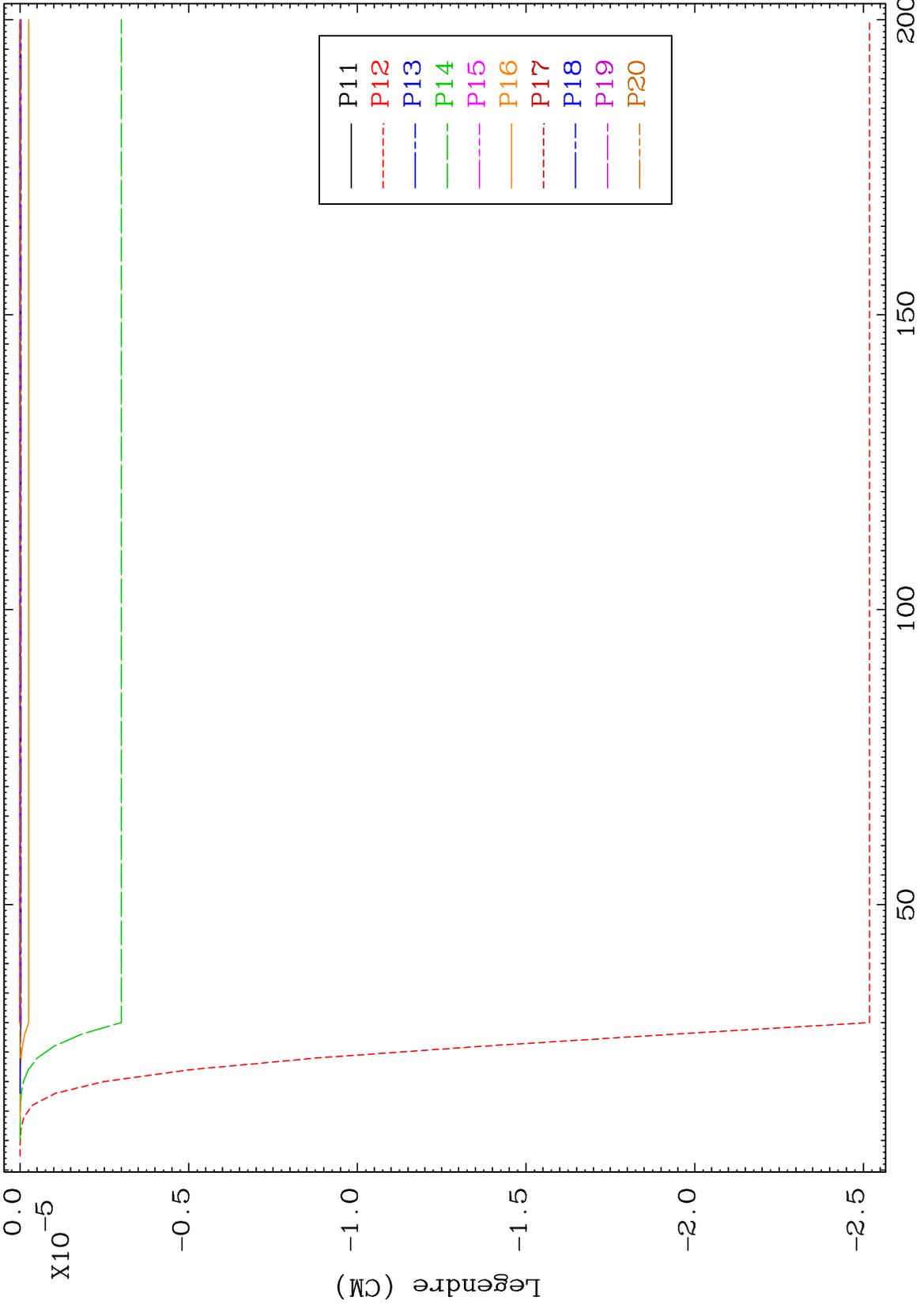


66

Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 67 (n,n') Level Legendre Coefficients 21-Sc-45



67

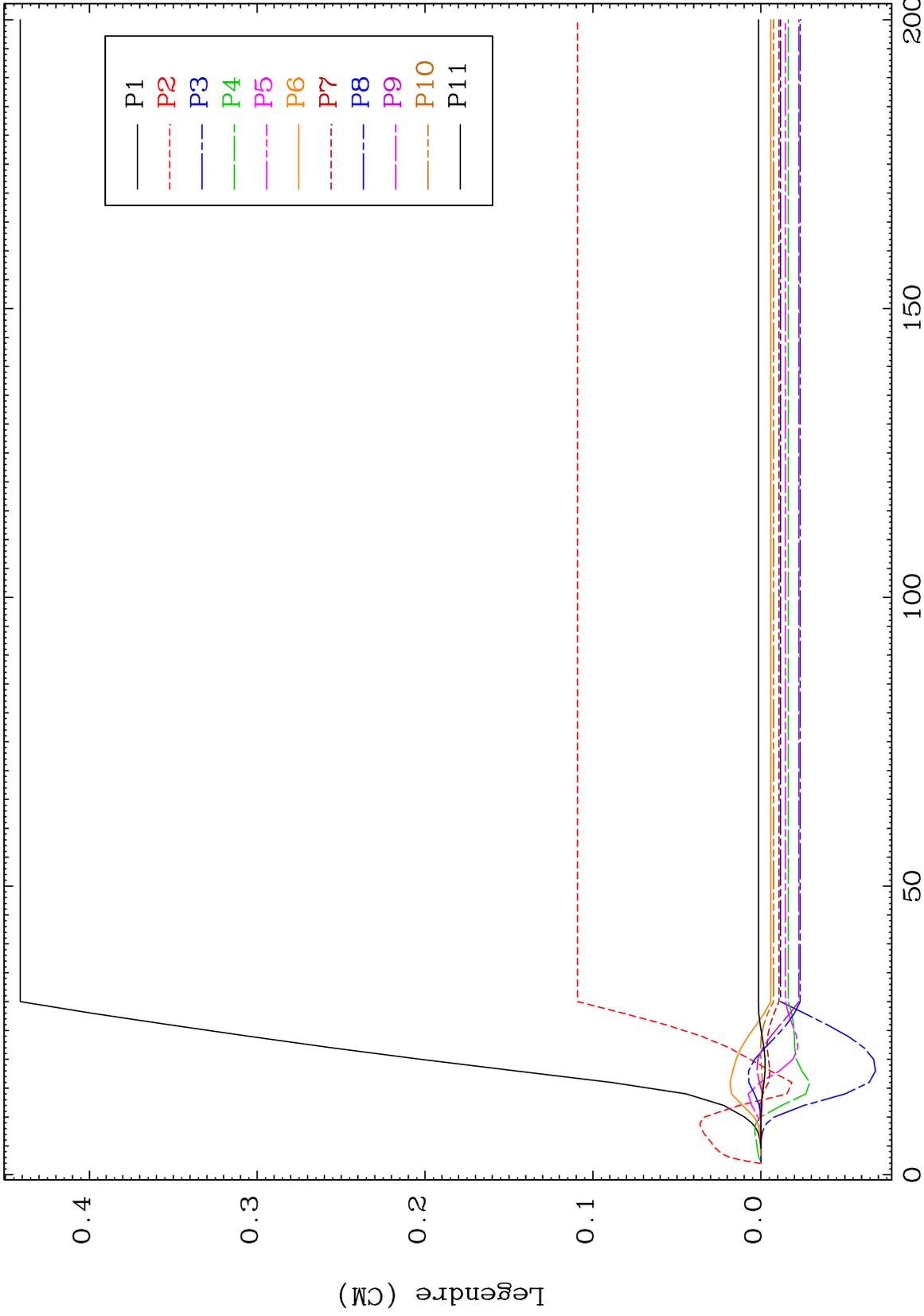
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 68 (n,n') Level
Legendre Coefficients

21-Sc-45



68

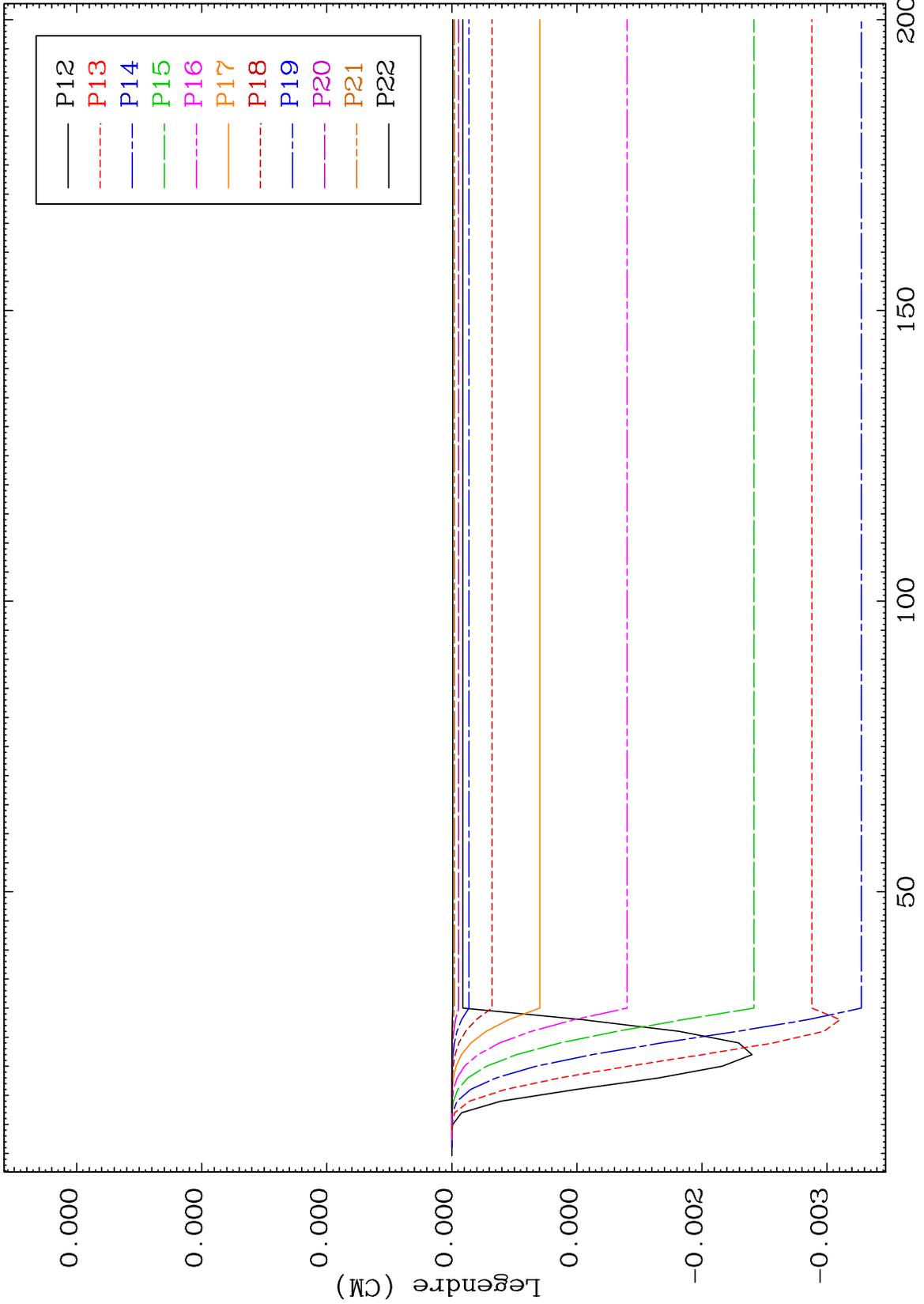
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 68 (n,n') Level
Legendre Coefficients

21-Sc-45



69

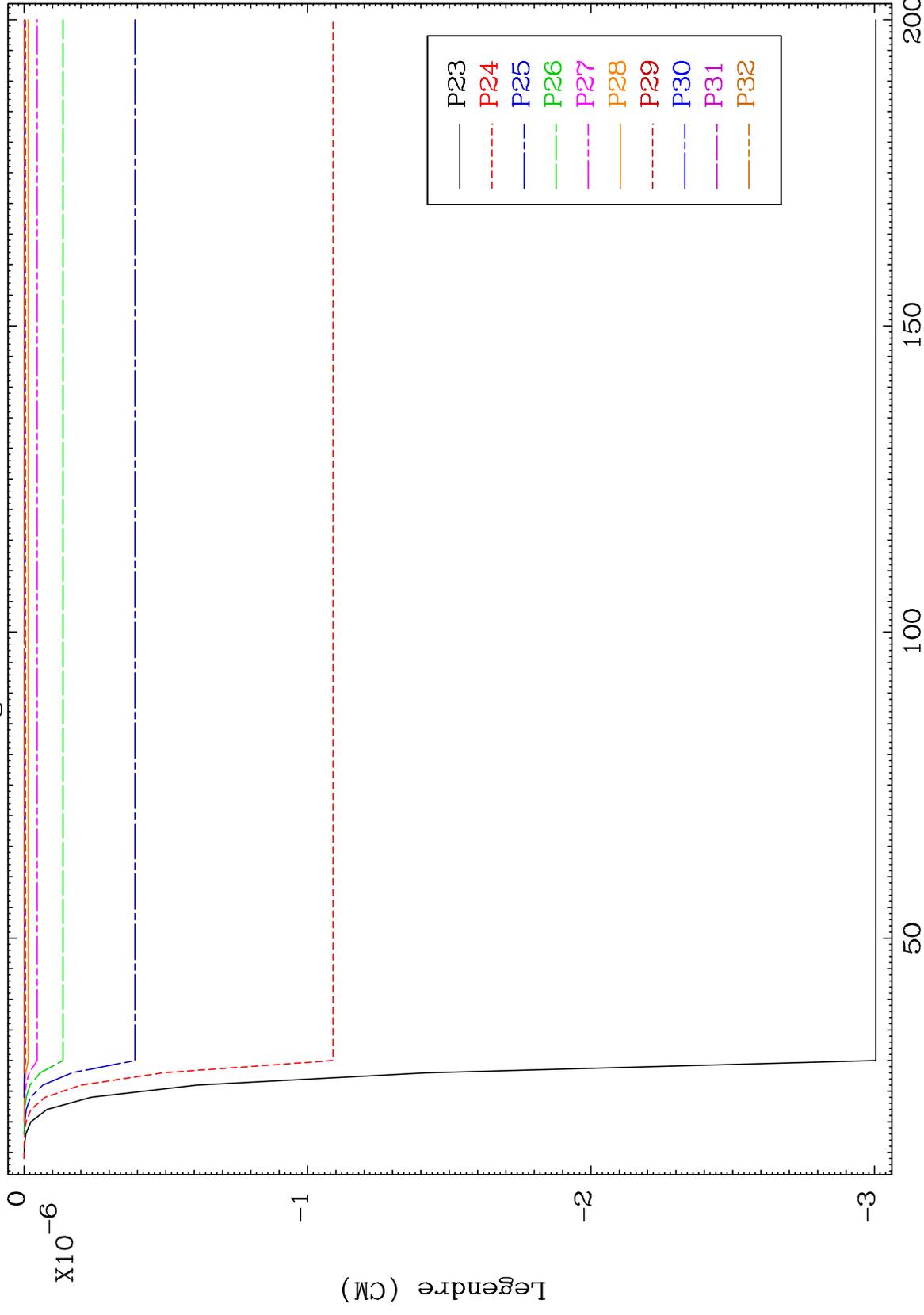
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 68 (n,n') Level
Legendre Coefficients

21-Sc-45

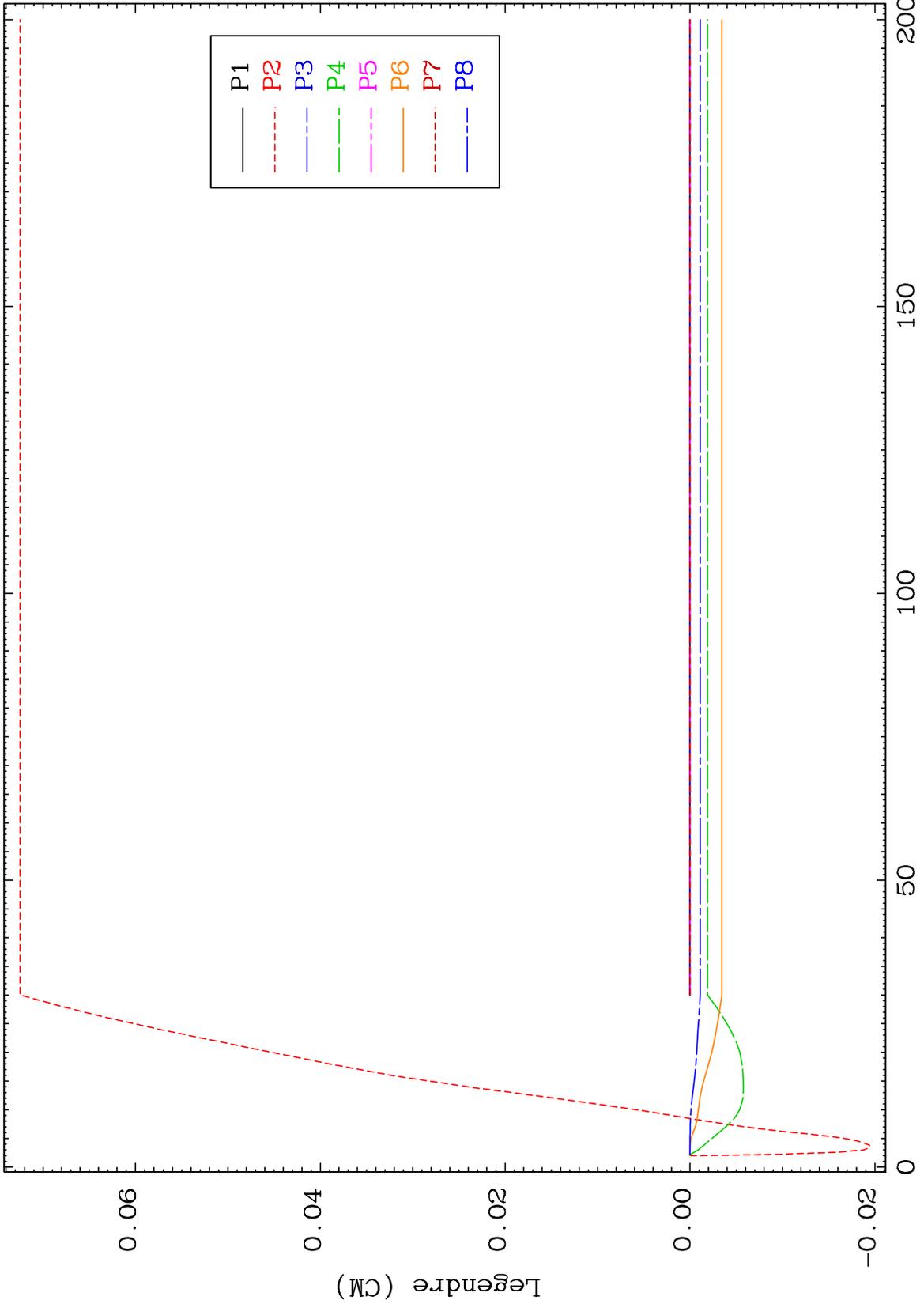


21-Sc-45

Incident Energy (MeV)

70

MAT 2125 MT= 69 (n,n') Level Legendre Coefficients 21-Sc-45

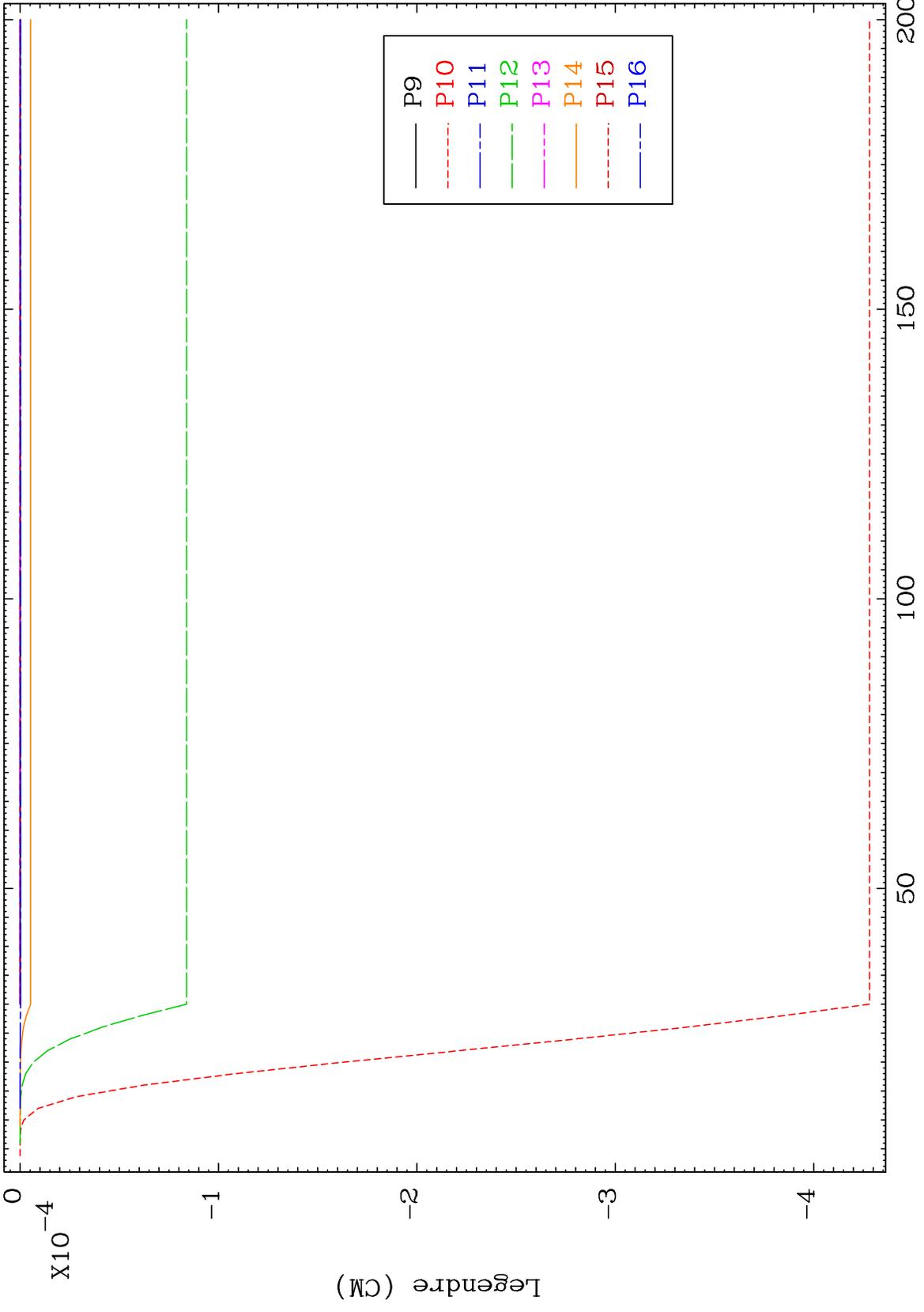


21-Sc-45

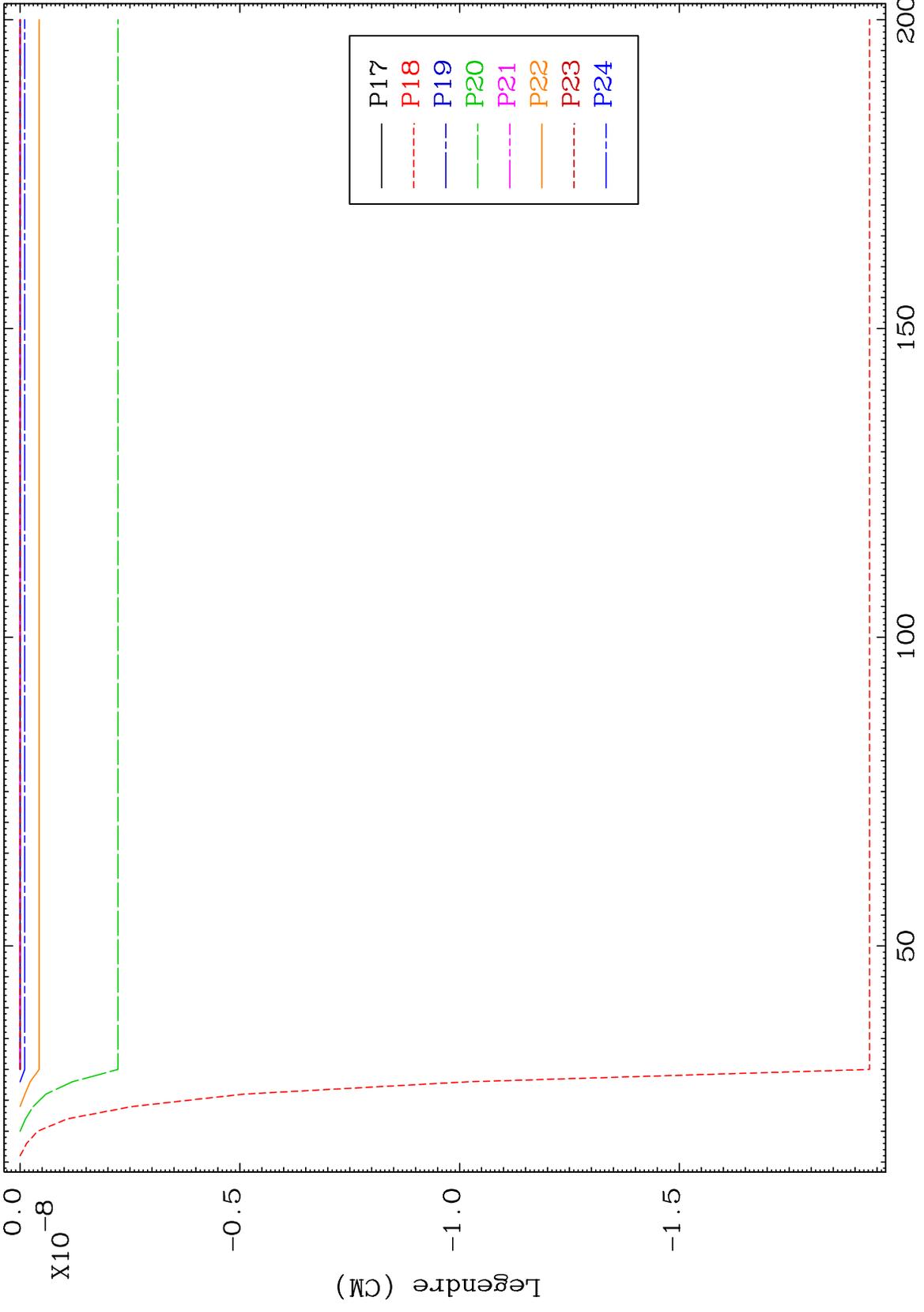
Incident Energy (MeV)

71

MAT 2125 MT= 69 (n,n') Level Legendre Coefficients 21-Sc-45

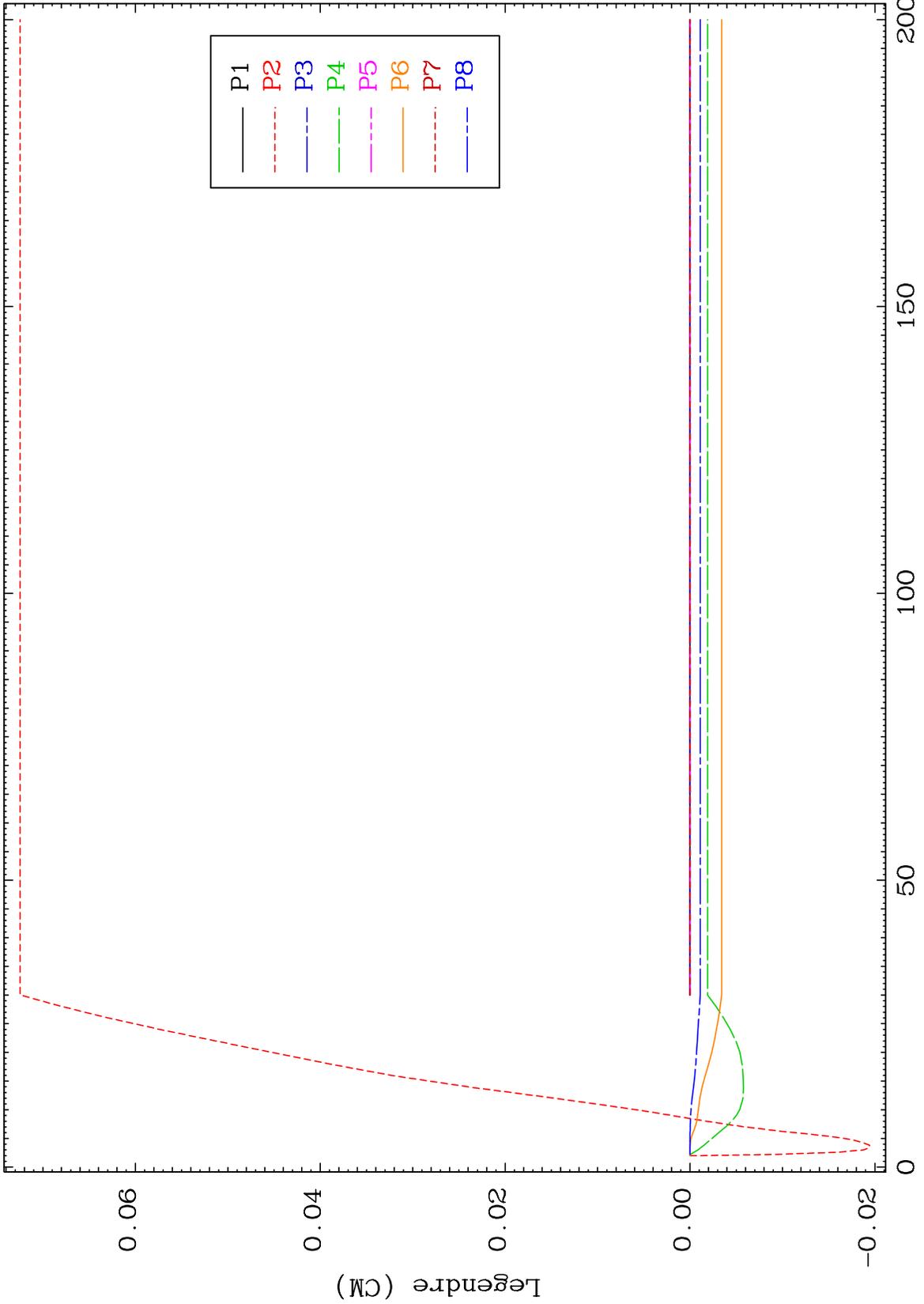


MAT 2125 MT= 69 (n,n') Level Legendre Coefficients 21-Sc-45



MAT 2125 MT= 70 (n,n') Level Legendre Coefficients

21-Sc-45

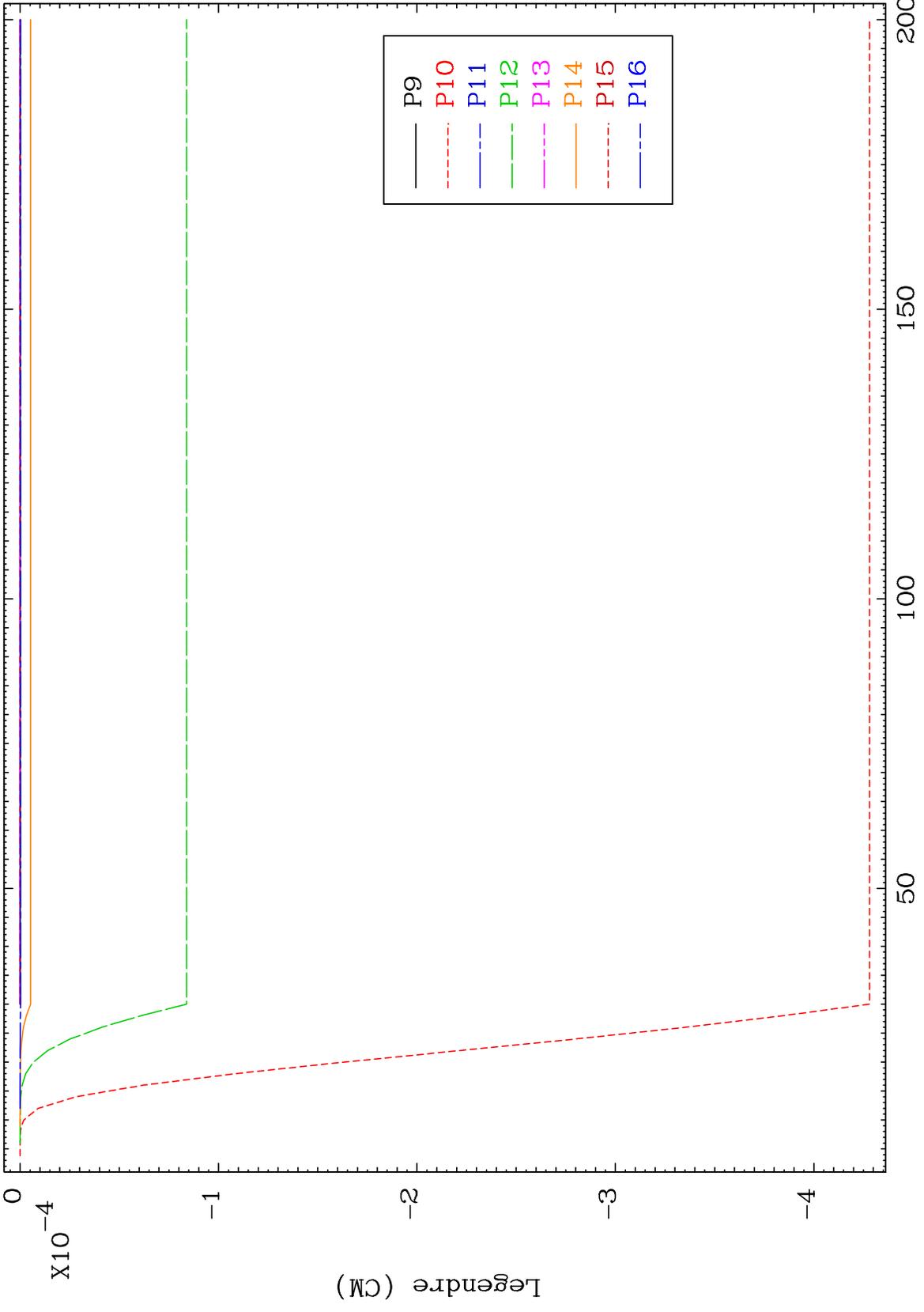


21-Sc-45

Incident Energy (MeV)

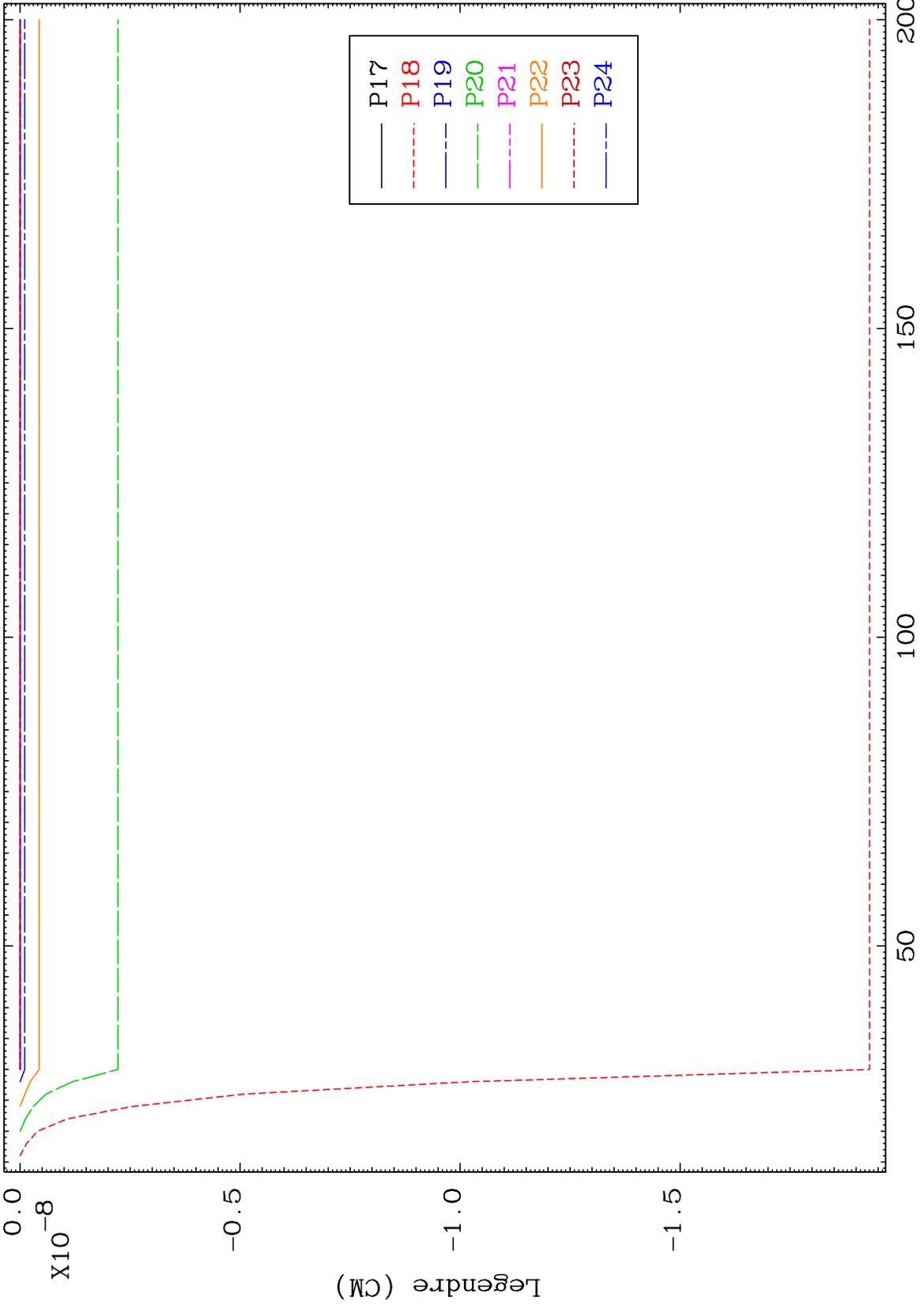
74

MAT 2125 MT= 70 (n,n') Level Legendre Coefficients 21-Sc-45



75 50 100 150 200 21-Sc-45

MAT 2125 MT= 70 (n,n') Level Legendre Coefficients 21-Sc-45

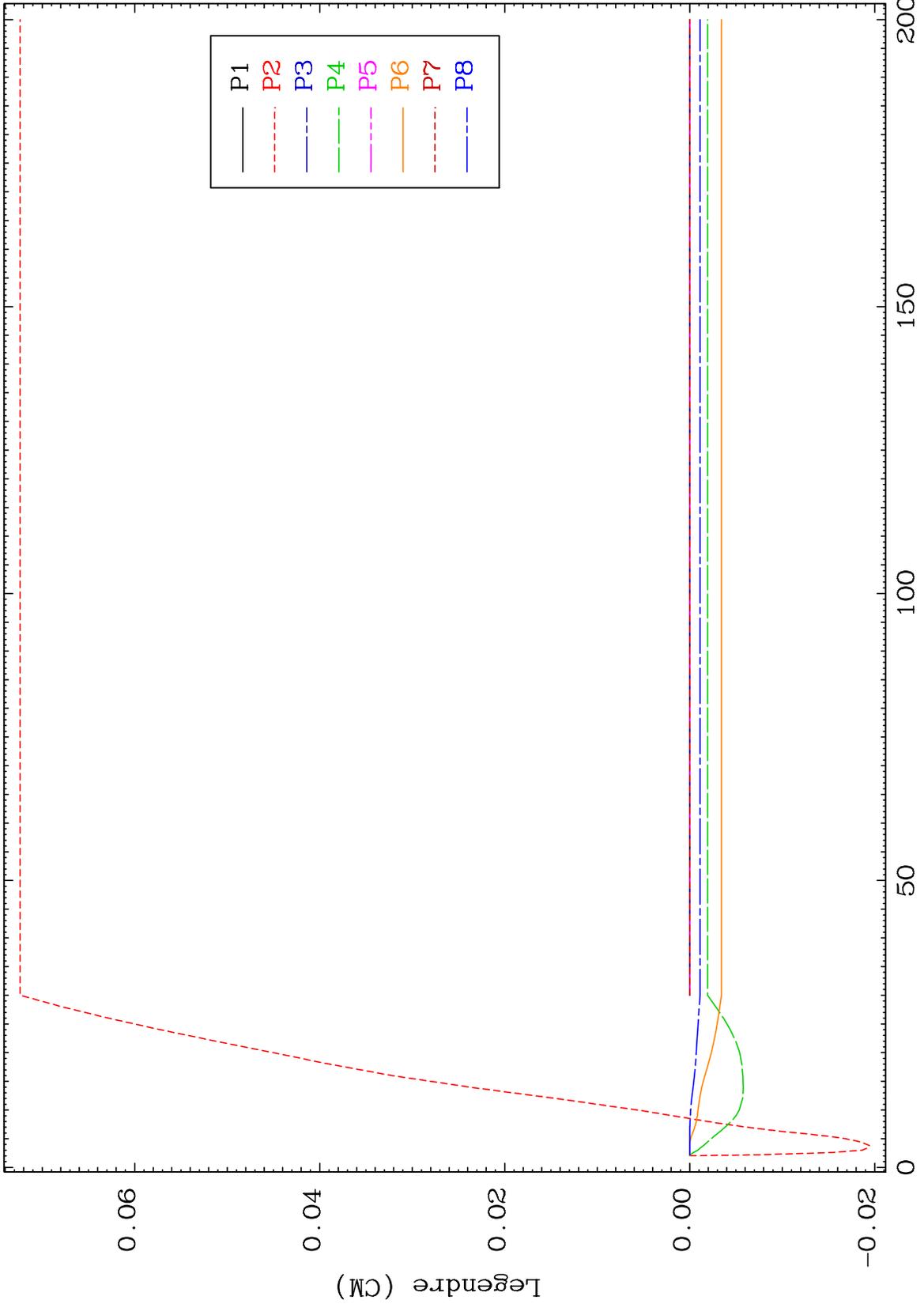


76 21-Sc-45

MAT 2125 MT= 71 (n,n') Level Legendre Coefficients

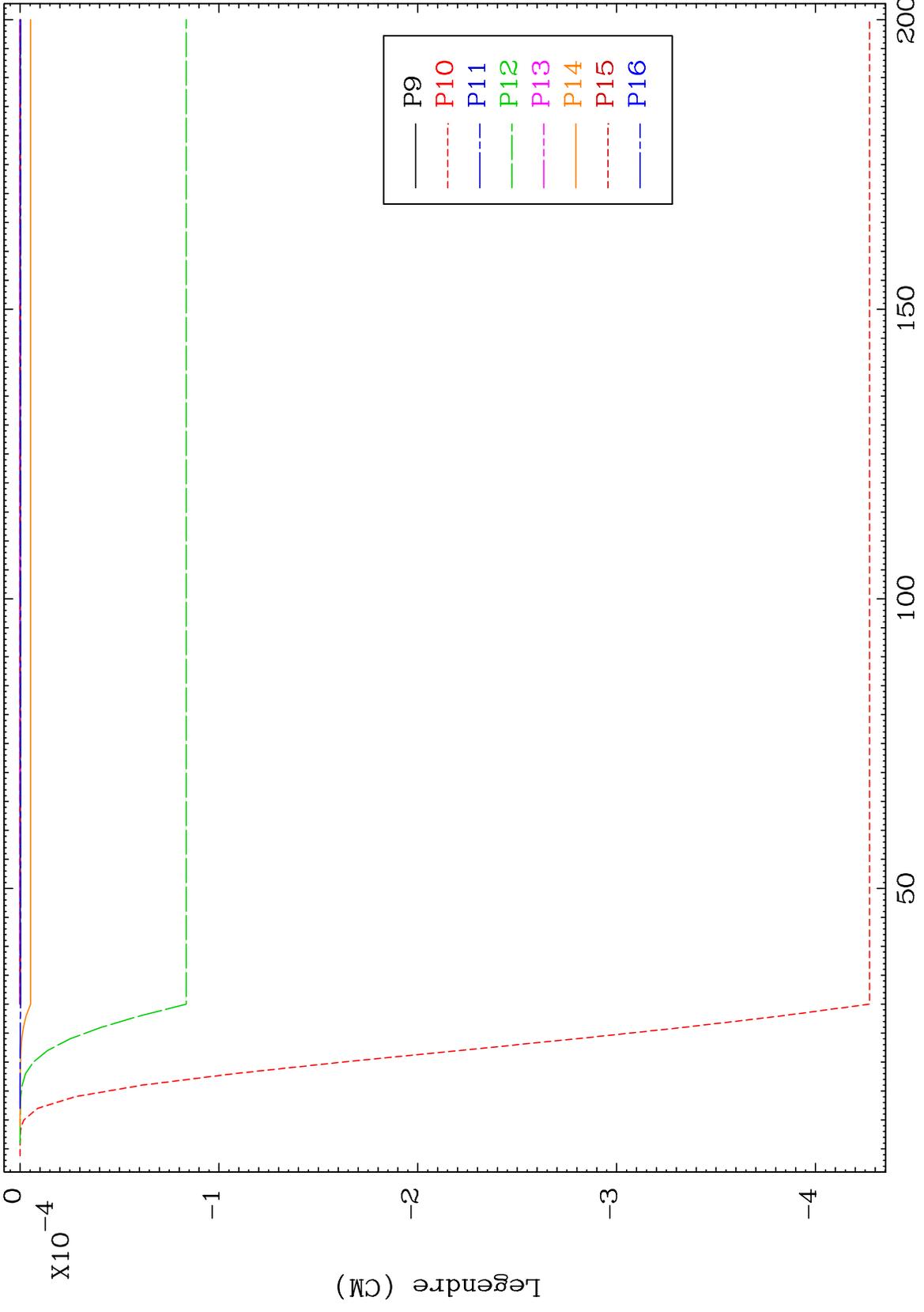
21-Sc-45

21-Sc-45



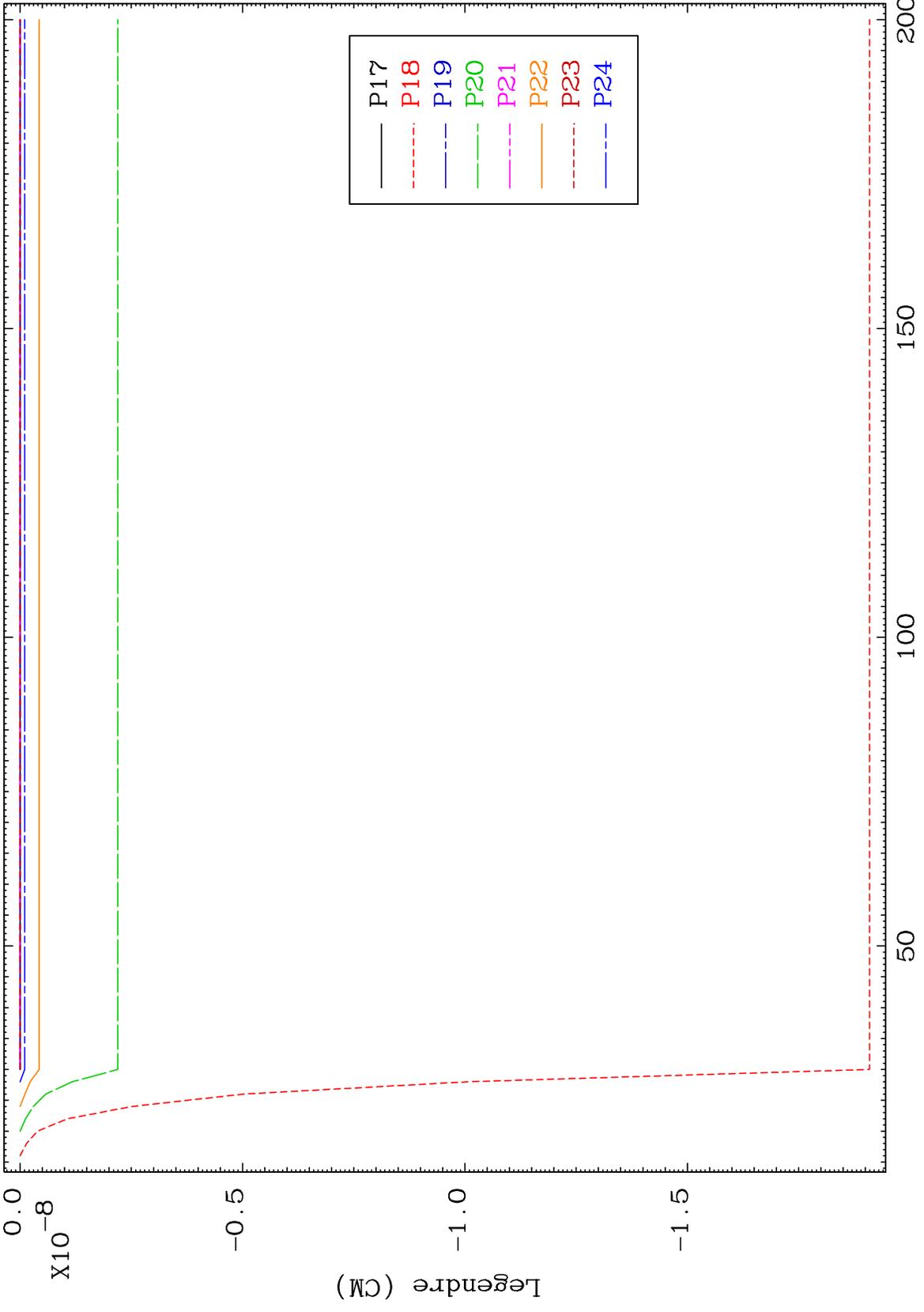
77

MAT 2125 MT= 71 (n,n') Level Legendre Coefficients 21-Sc-45



78 Incident Energy (MeV) 21-Sc-45

MAT 2125 MT= 71 (n,n') Level Legendre Coefficients 21-Sc-45

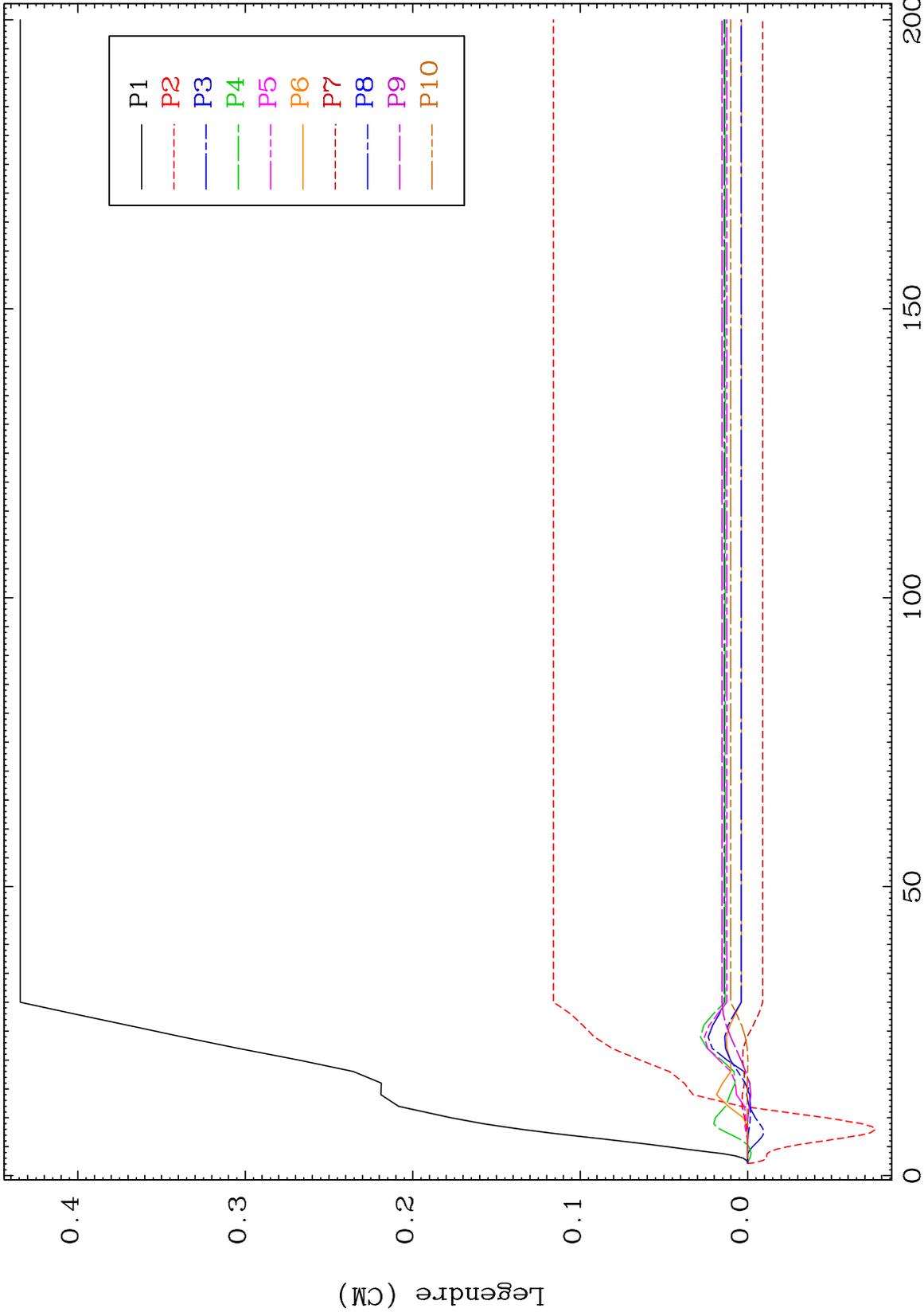


79 21-Sc-45

MAT 2125

MT= 72 (n,n') Level
Legendre Coefficients

21-Sc-45



80

Incident Energy (MeV)

150

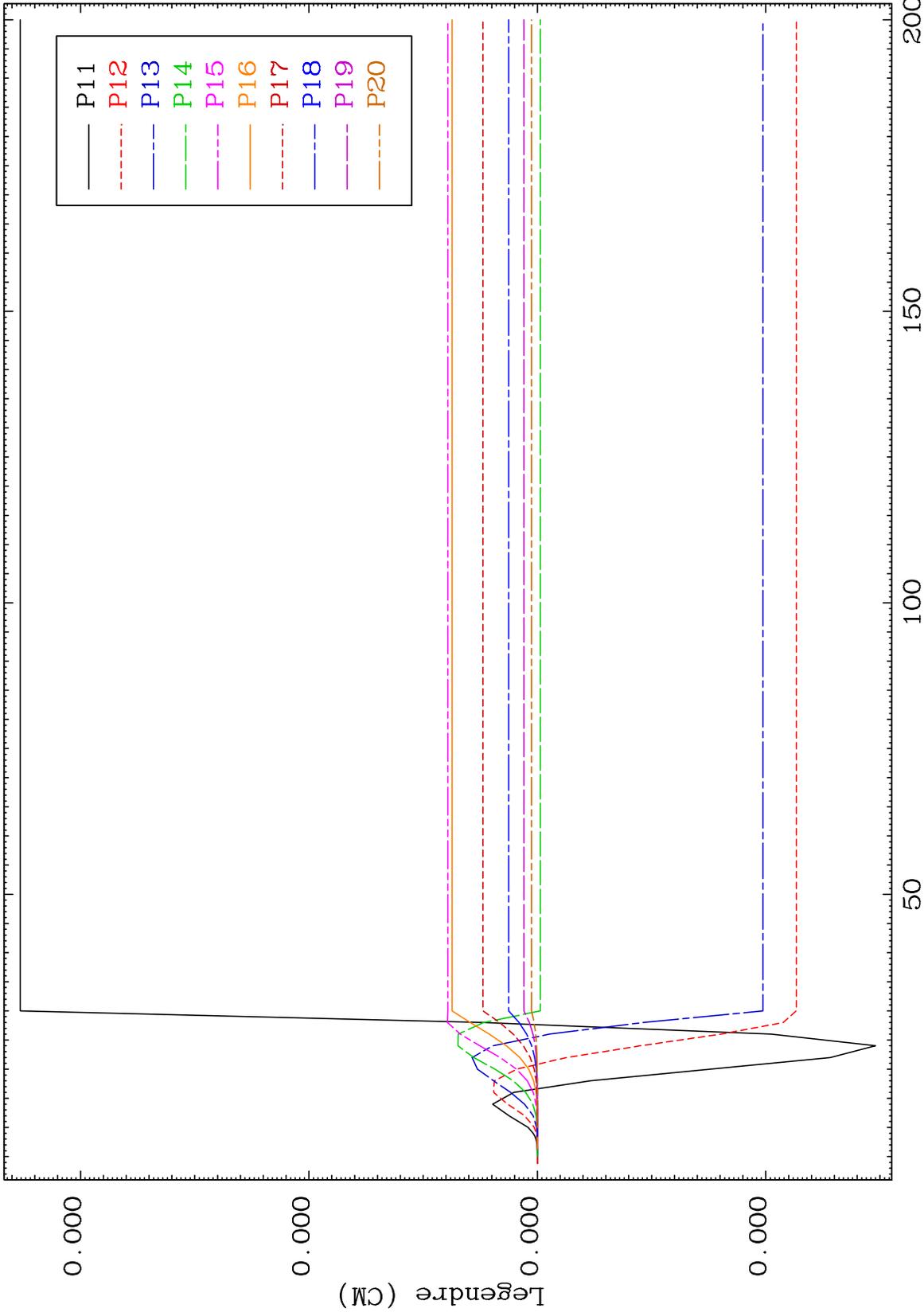
200

21-Sc-45

MAT 2125

MT= 72 (n,n') Level
Legendre Coefficients

21-Sc-45



81

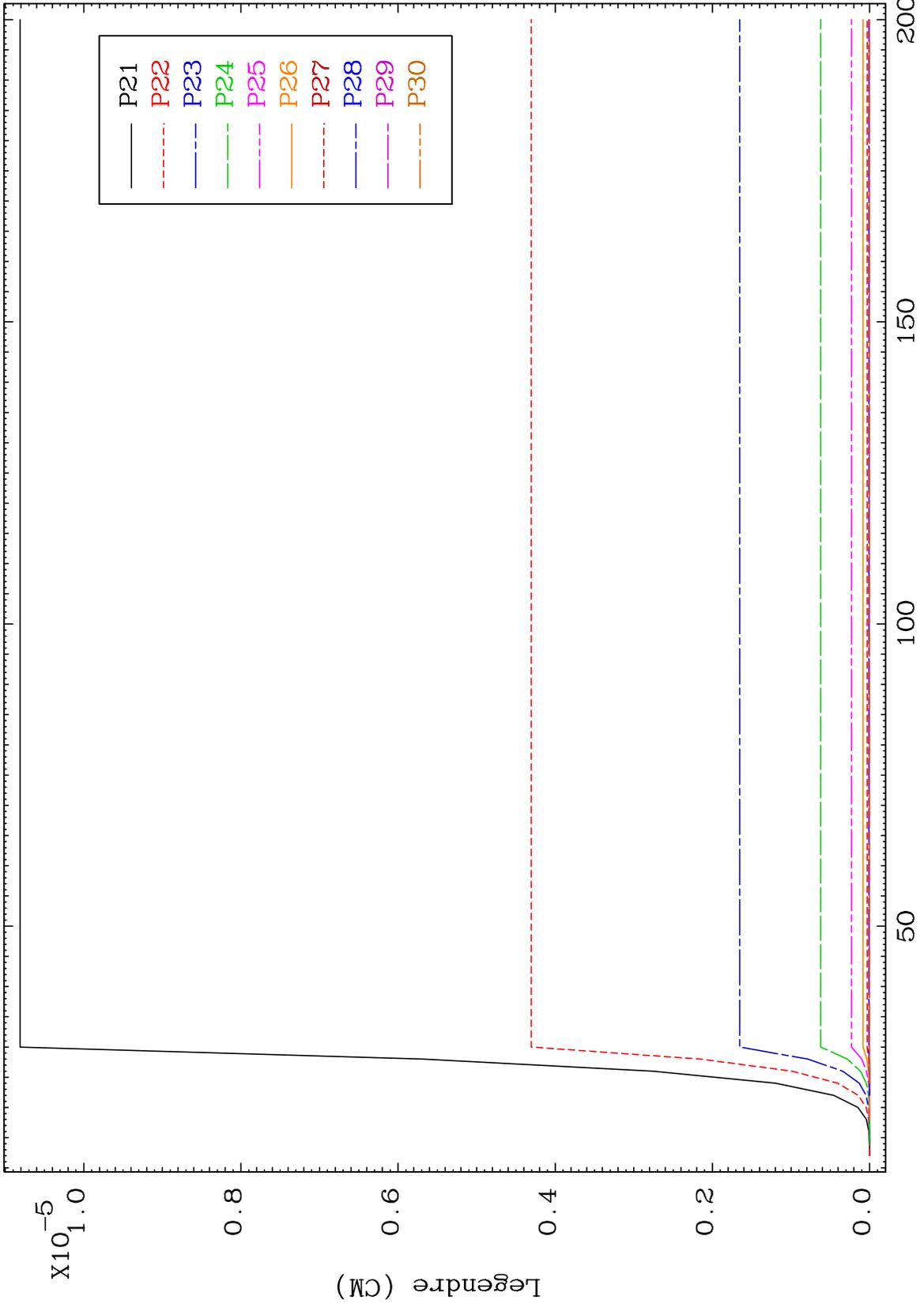
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 72 (n,n') Level
Legendre Coefficients

21-Sc-45



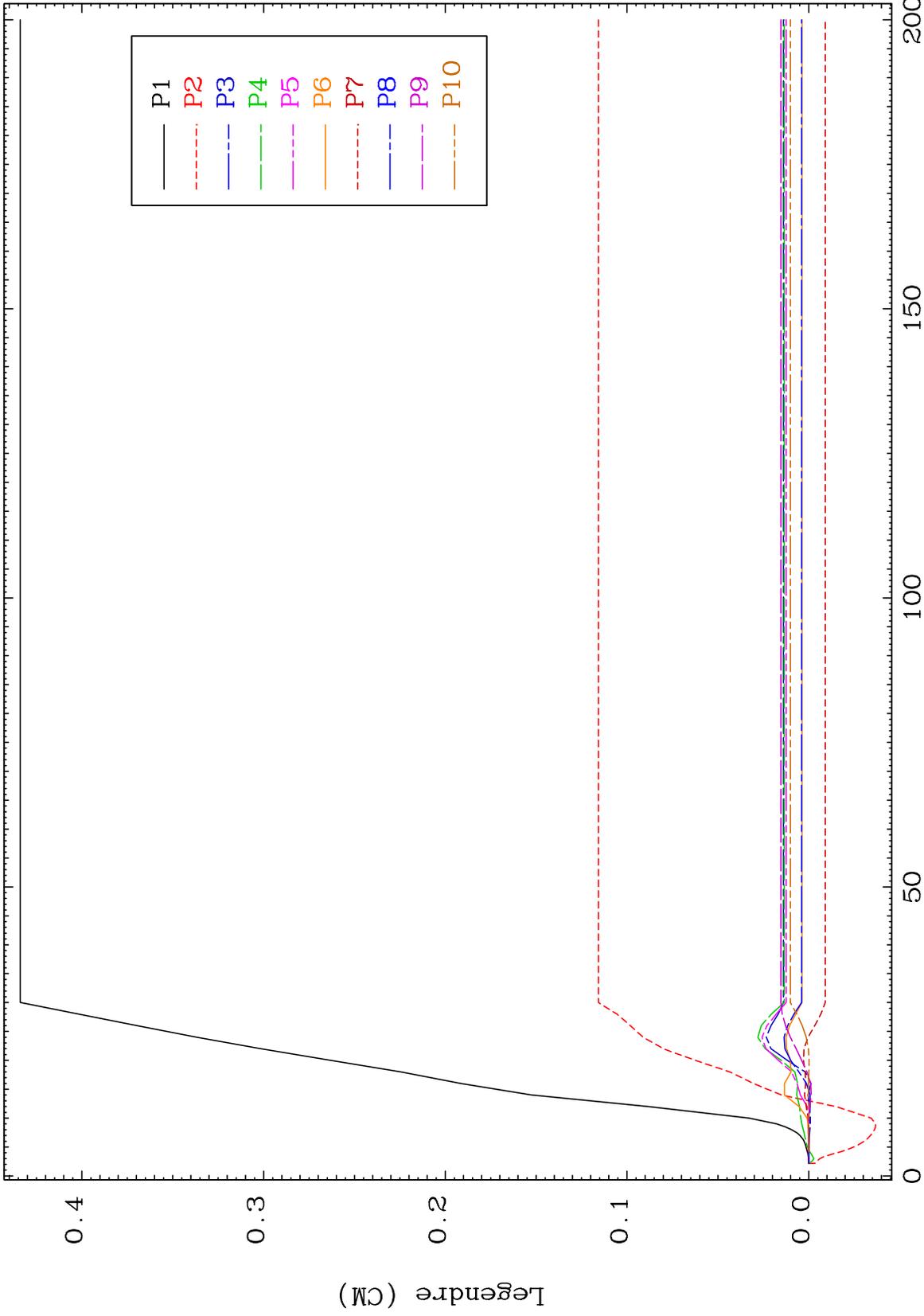
82

21-Sc-45

MAT 2125

MT= 73 (n,n') Level
Legendre Coefficients

21-Sc-45



83

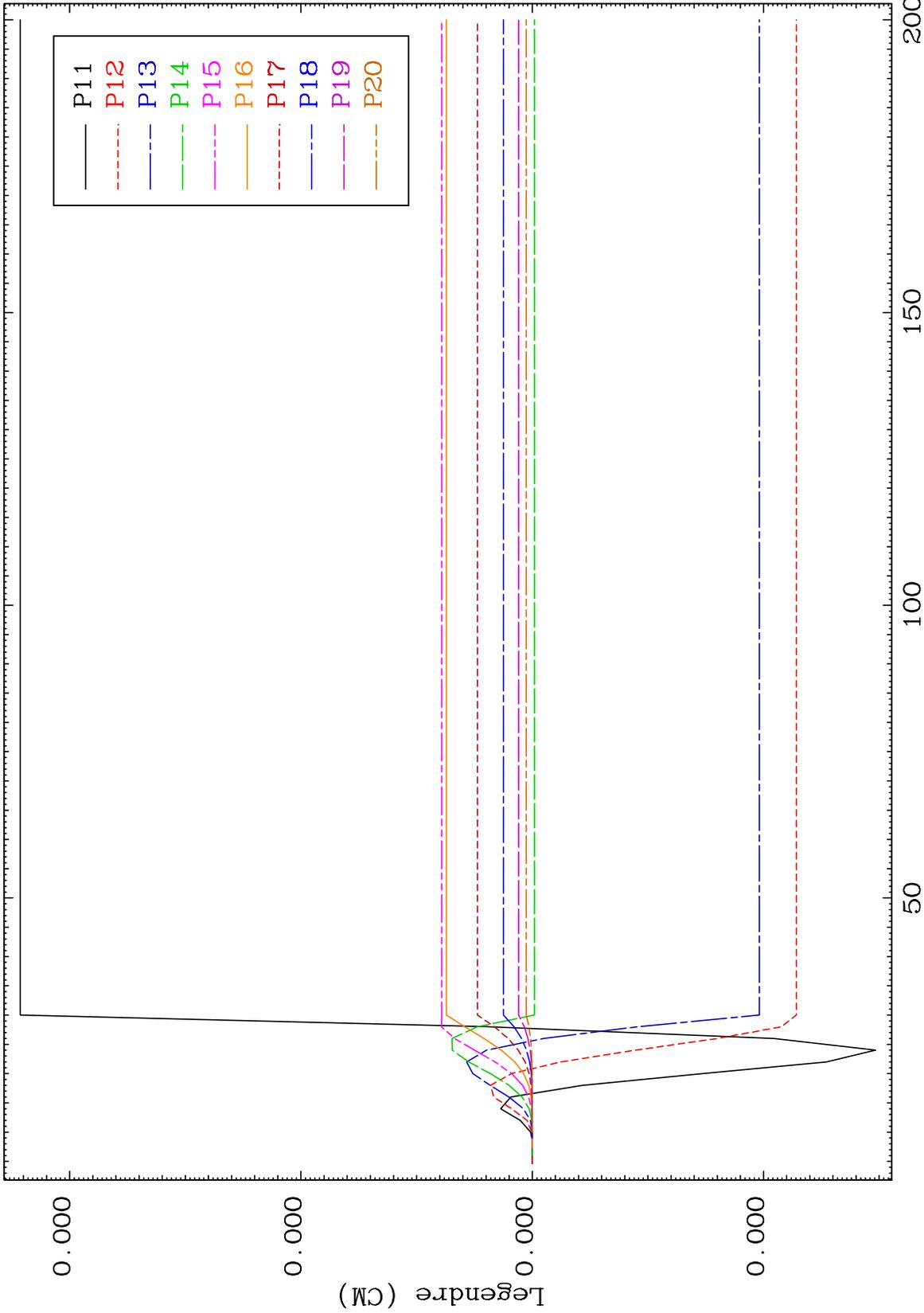
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 73 (n,n') Level
Legendre Coefficients

21-Sc-45

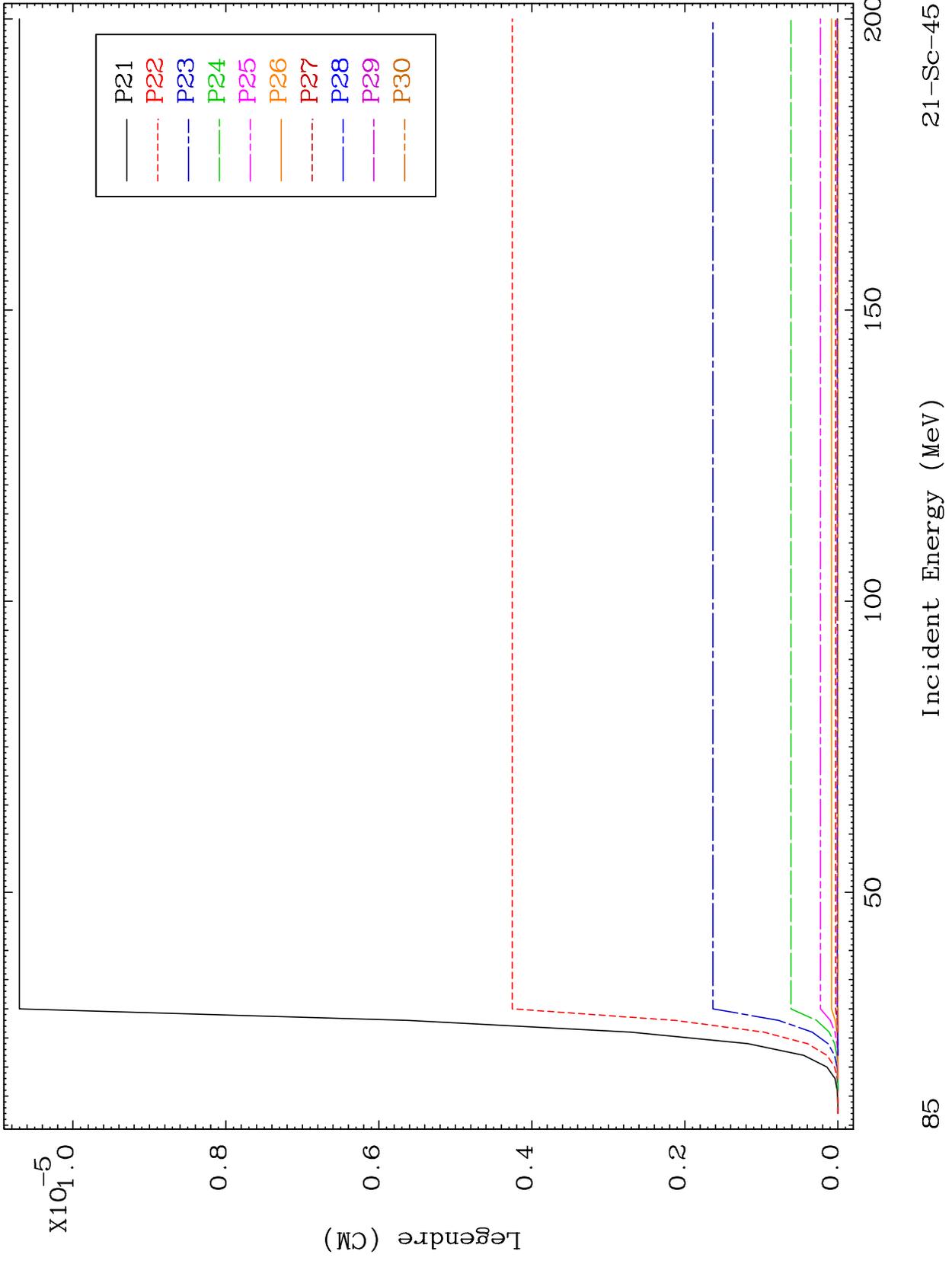


84

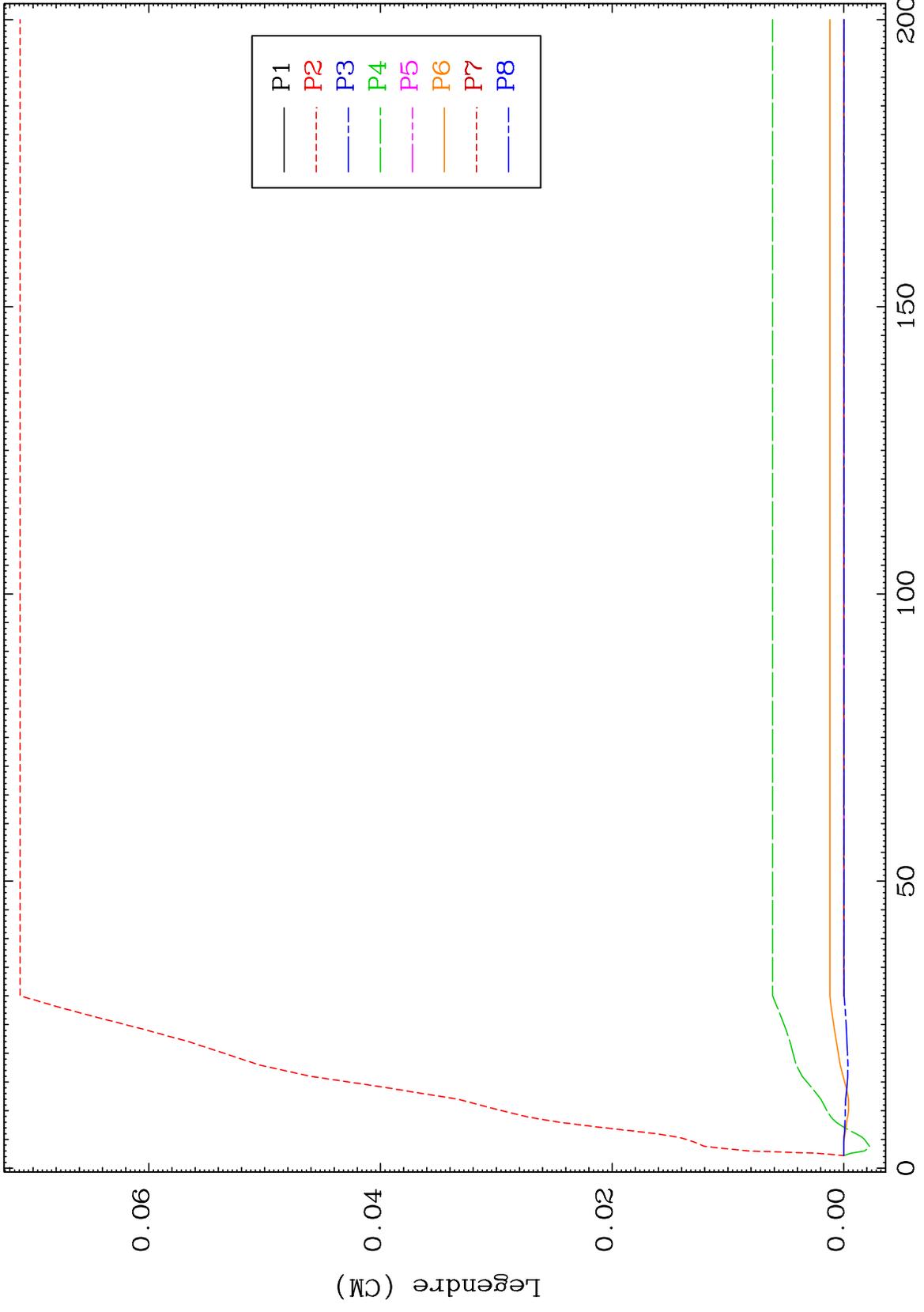
Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 73 (n,n') Level Legendre Coefficients 21-Sc-45

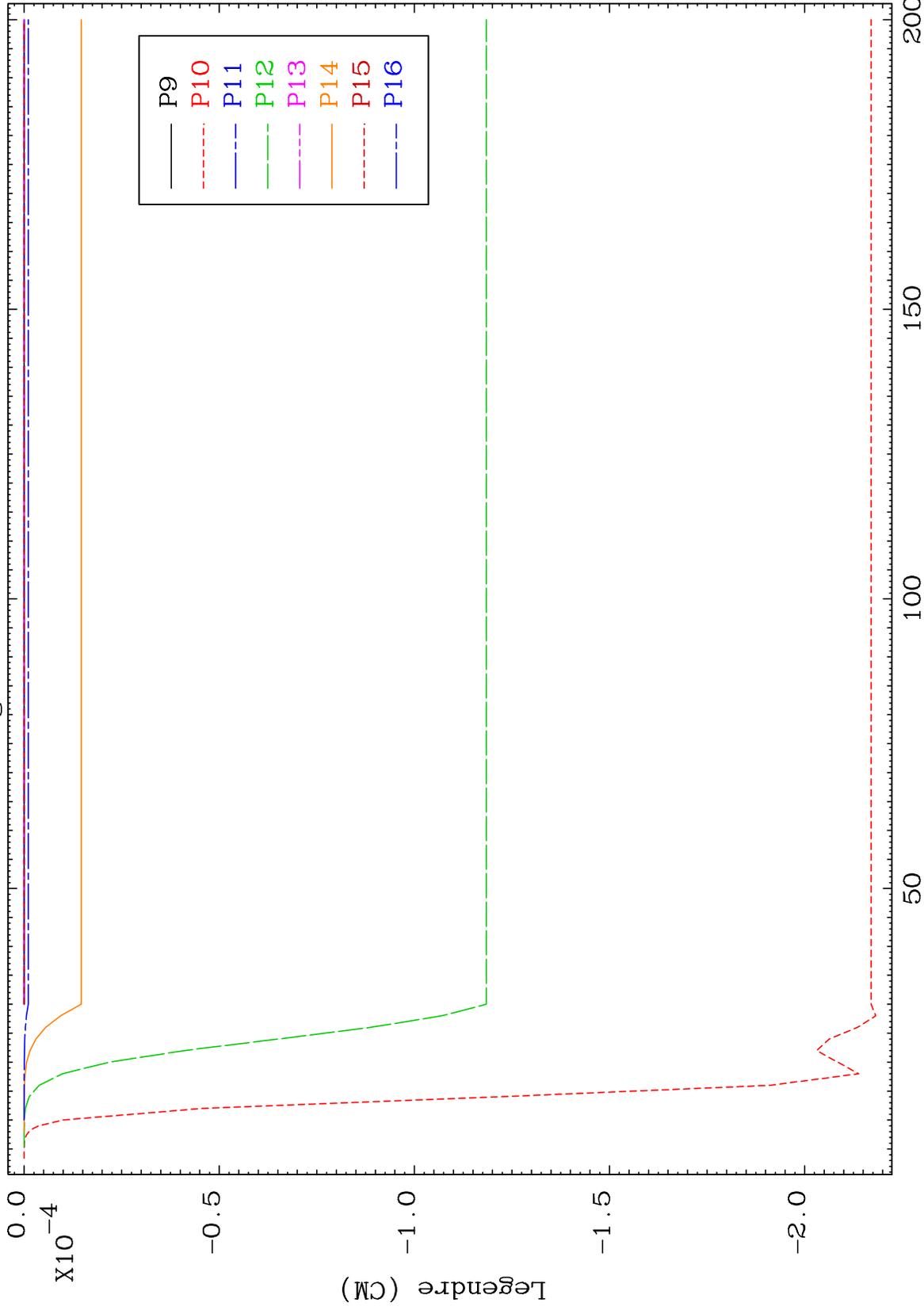


MAT 2125 MT= 74 (n,n') Level Legendre Coefficients 21-Sc-45

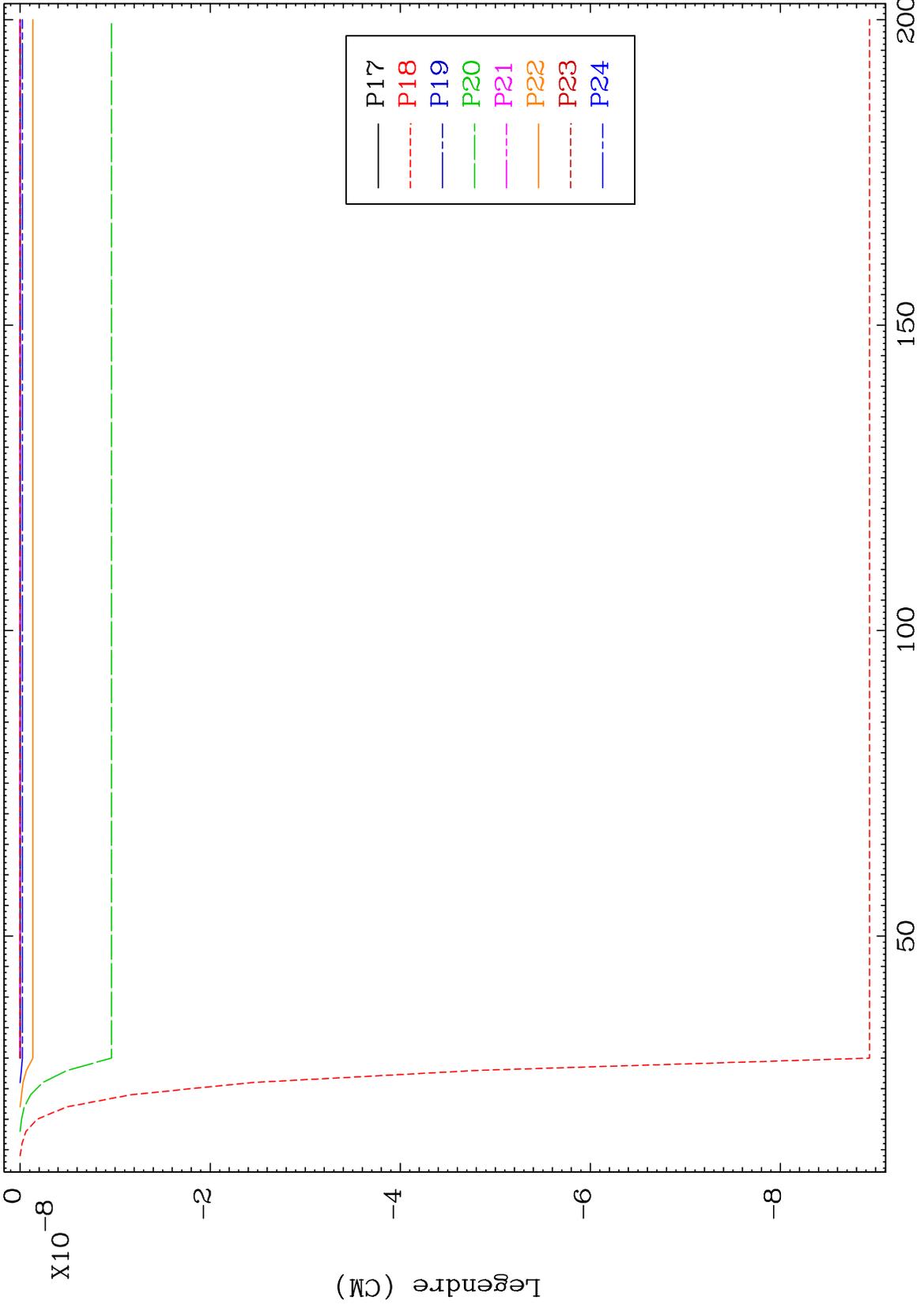


86 Incident Energy (MeV) 21-Sc-45

MAT 2125 MT= 74 (n,n') Level Legendre Coefficients 21-Sc-45



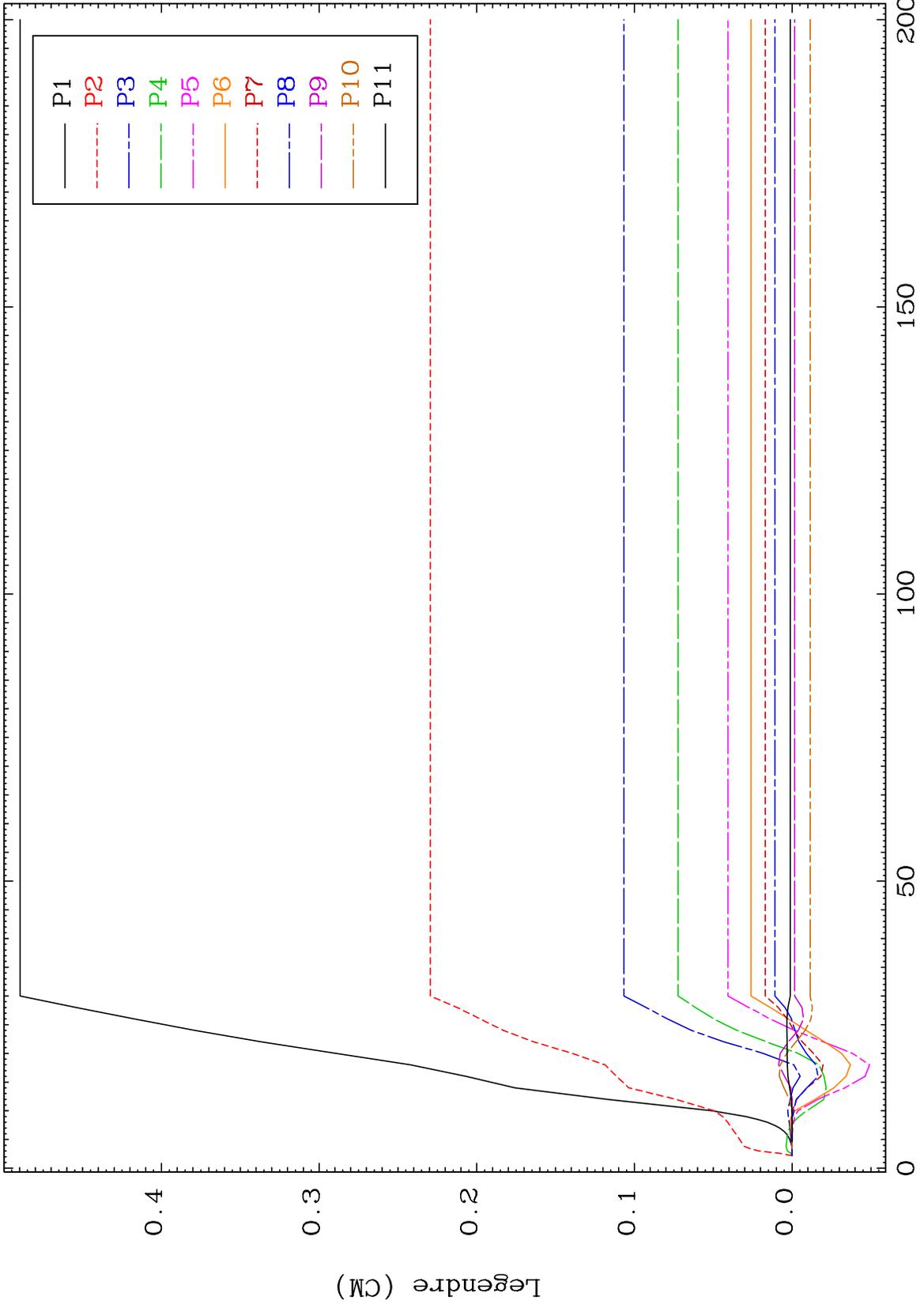
MAT 2125 MT= 74 (n,n') Level Legendre Coefficients 21-Sc-45



MAT 2125

MT= 75 (n,n') Level
Legendre Coefficients

21-Sc-45



89

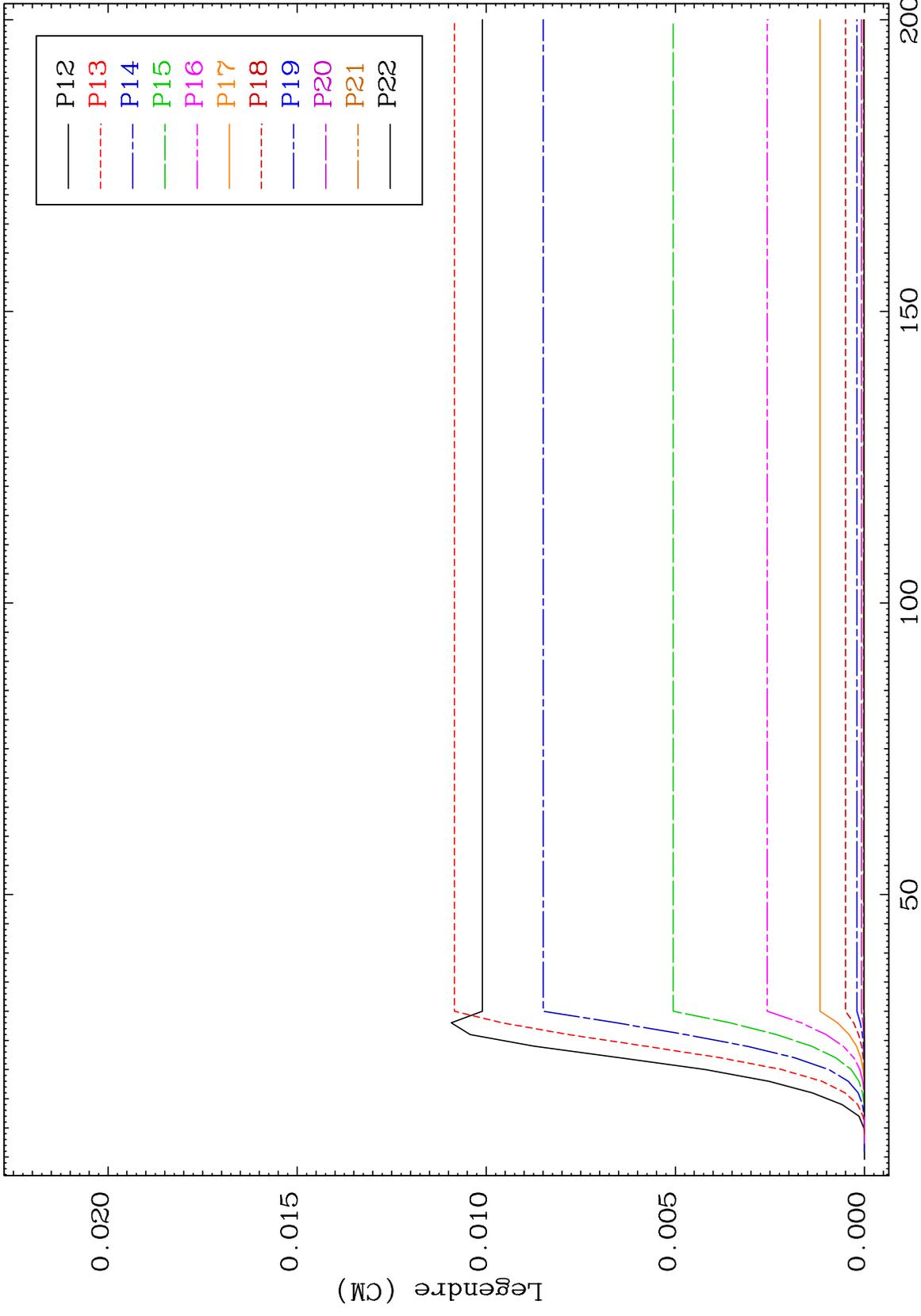
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 75 (n,n') Level
Legendre Coefficients

21-Sc-45



90

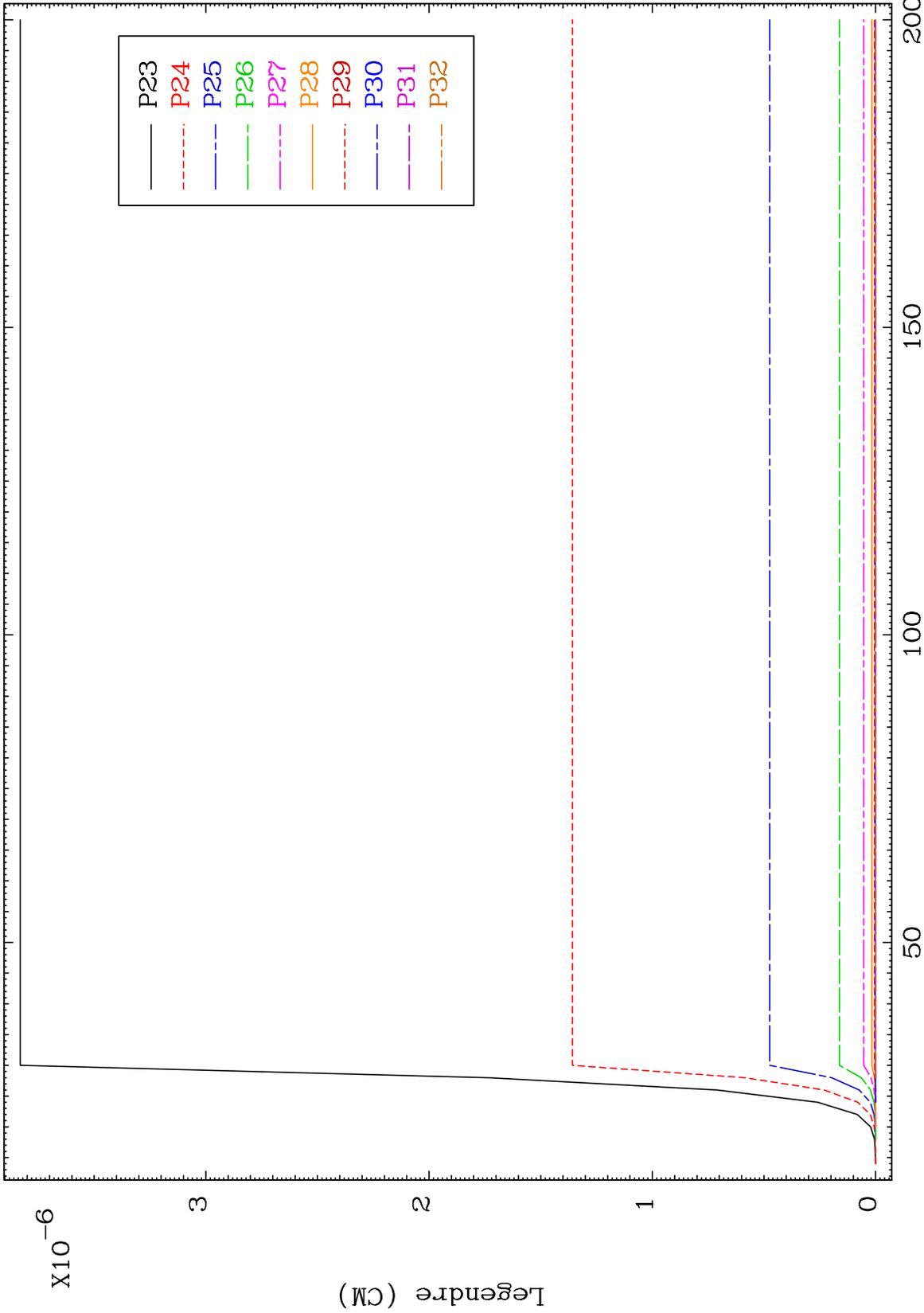
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 75 (n,n') Level
Legendre Coefficients

21-Sc-45



91

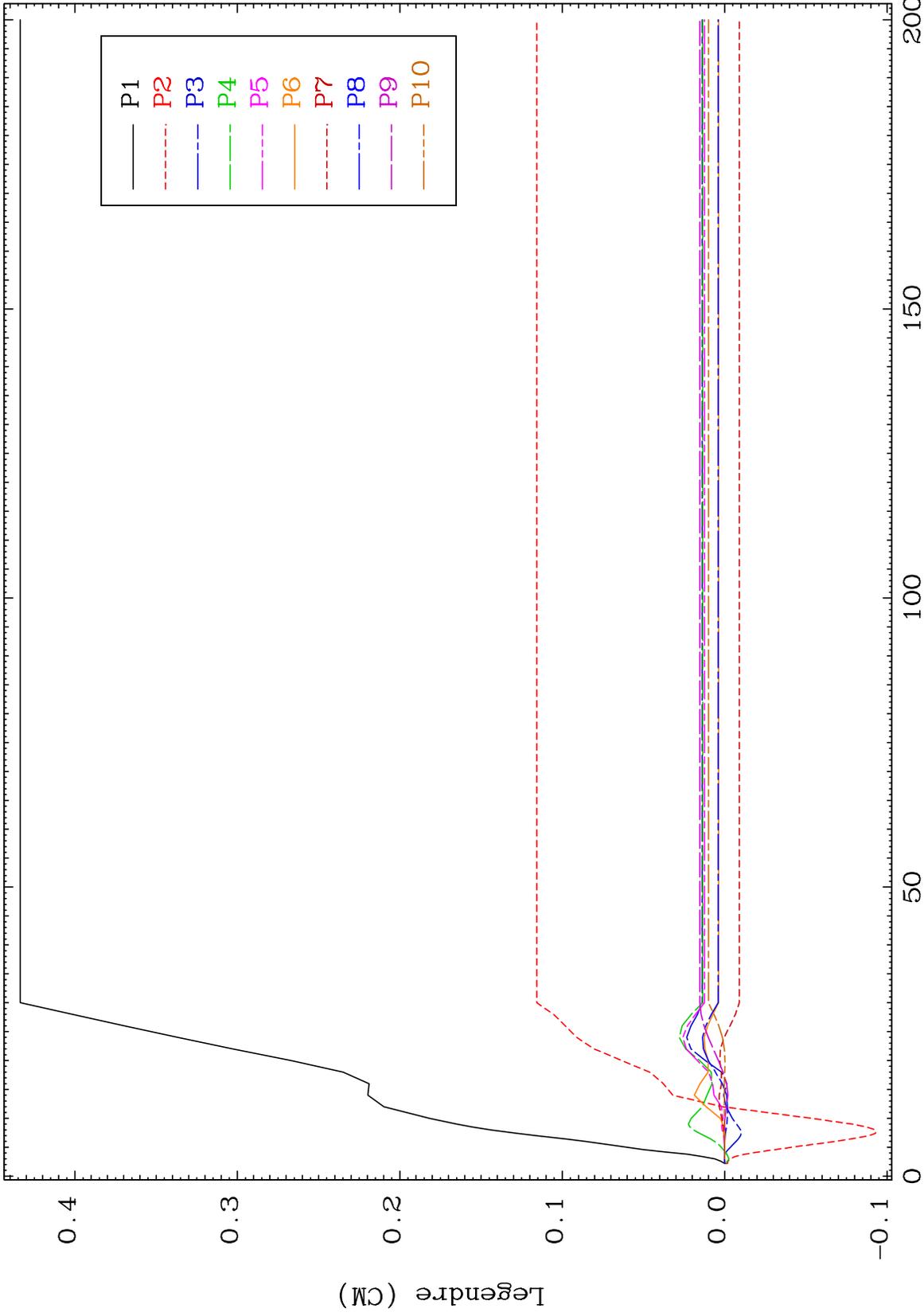
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 76 (n,n') Level
Legendre Coefficients

21-Sc-45



92

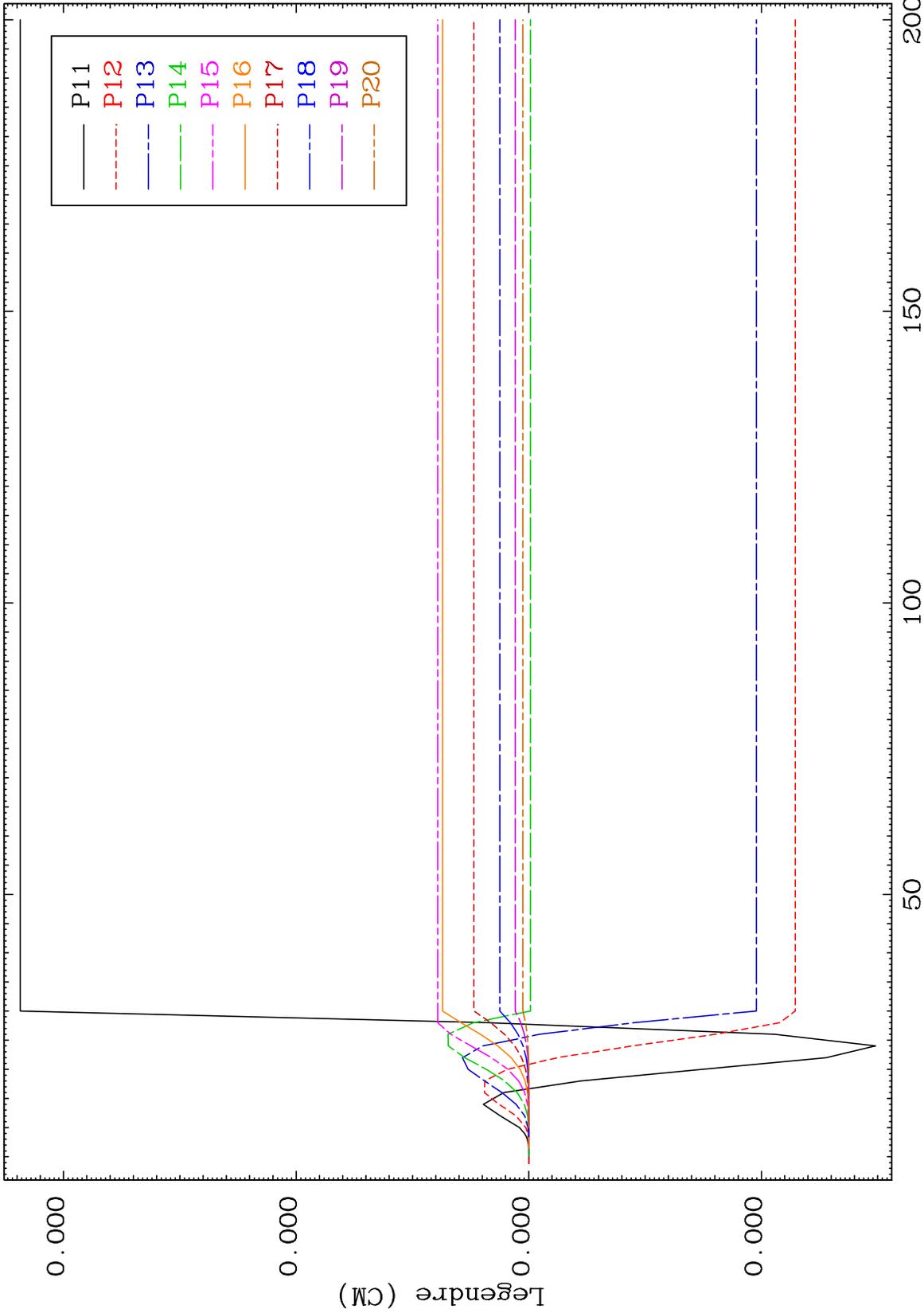
Incident Energy (MeV)

21-Sc-45

MAT 2125

MT= 76 (n,n') Level
Legendre Coefficients

21-Sc-45



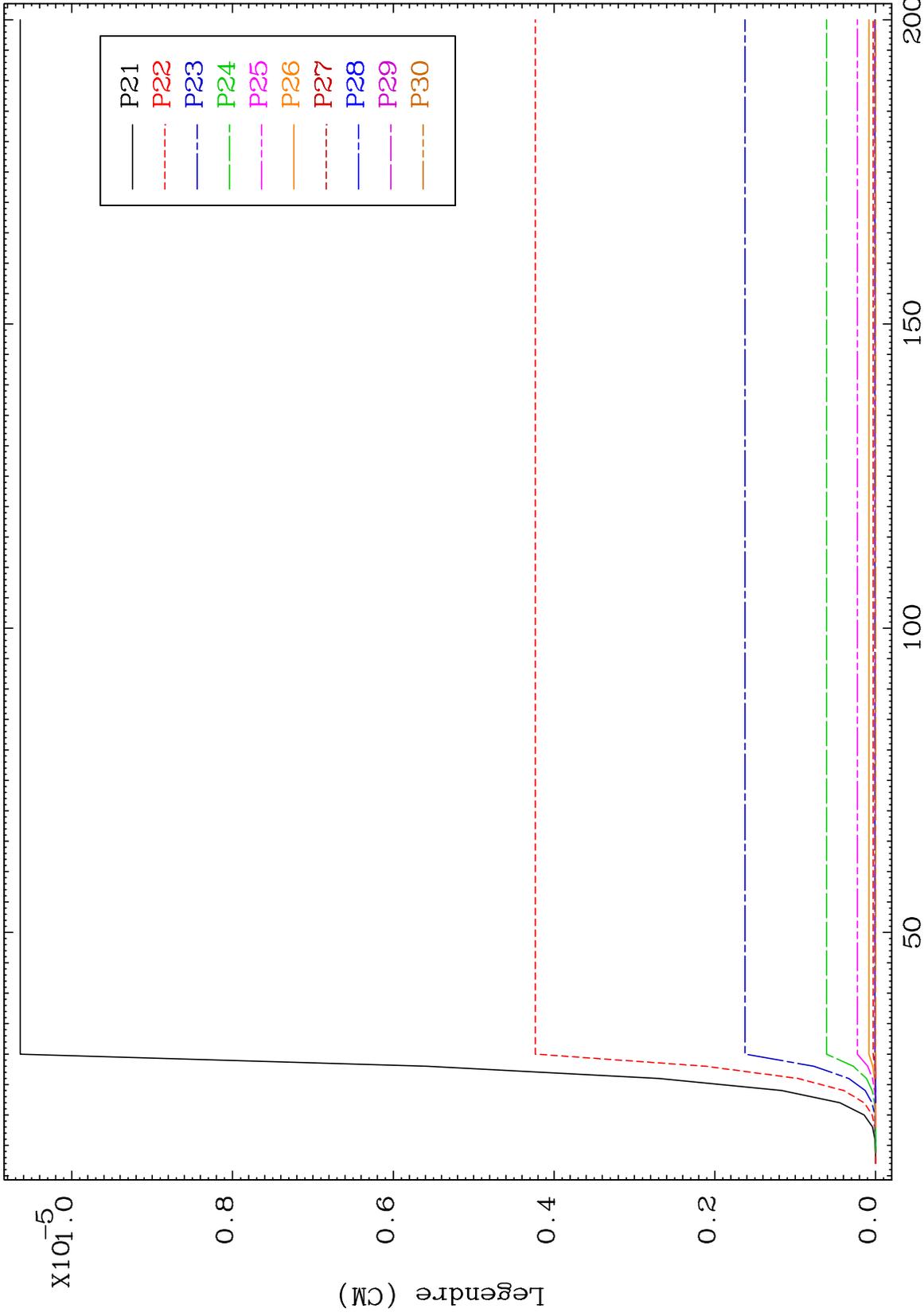
93

21-Sc-45

MAT 2125

MT= 76 (n,n') Level
Legendre Coefficients

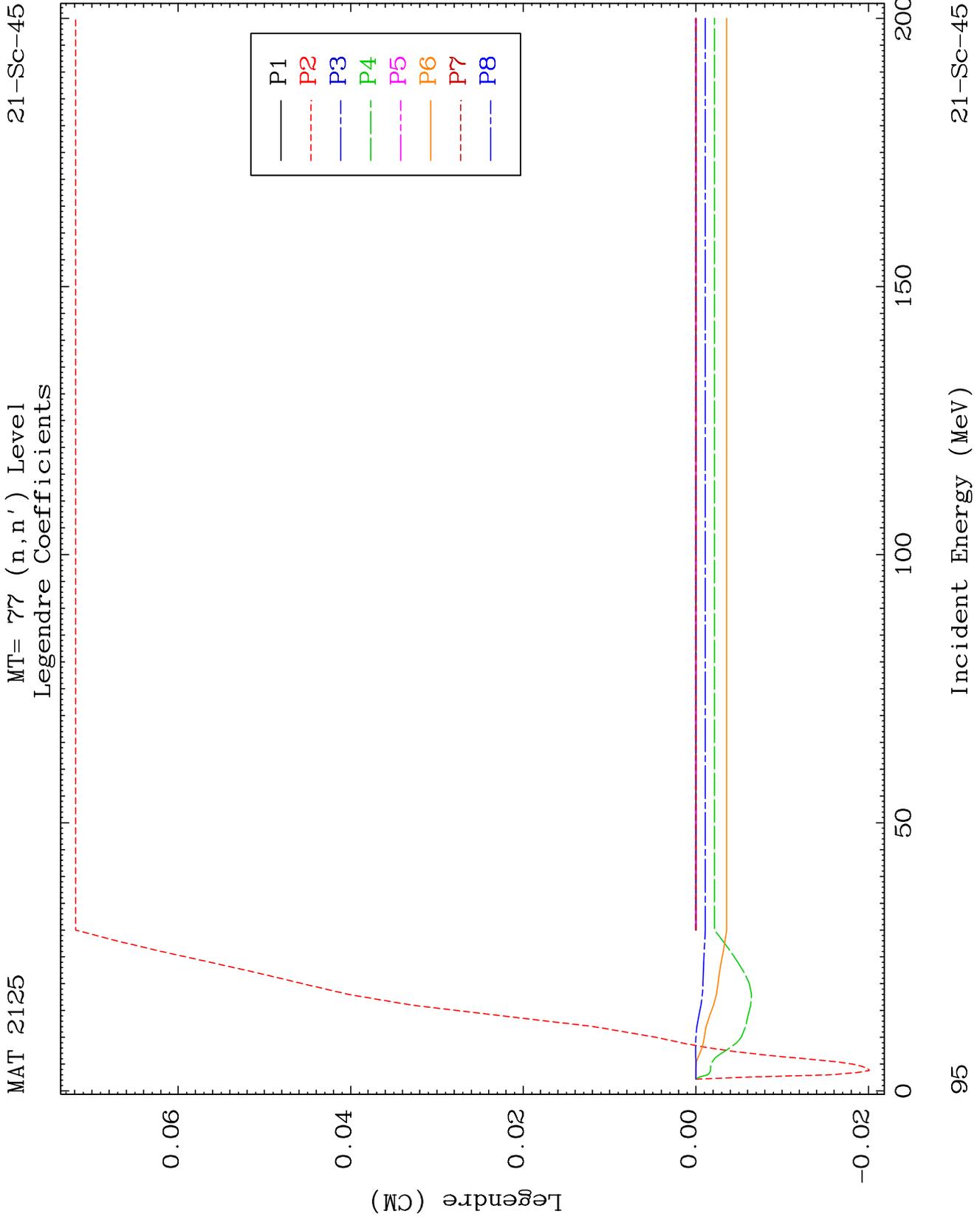
21-Sc-45



94

Incident Energy (MeV)

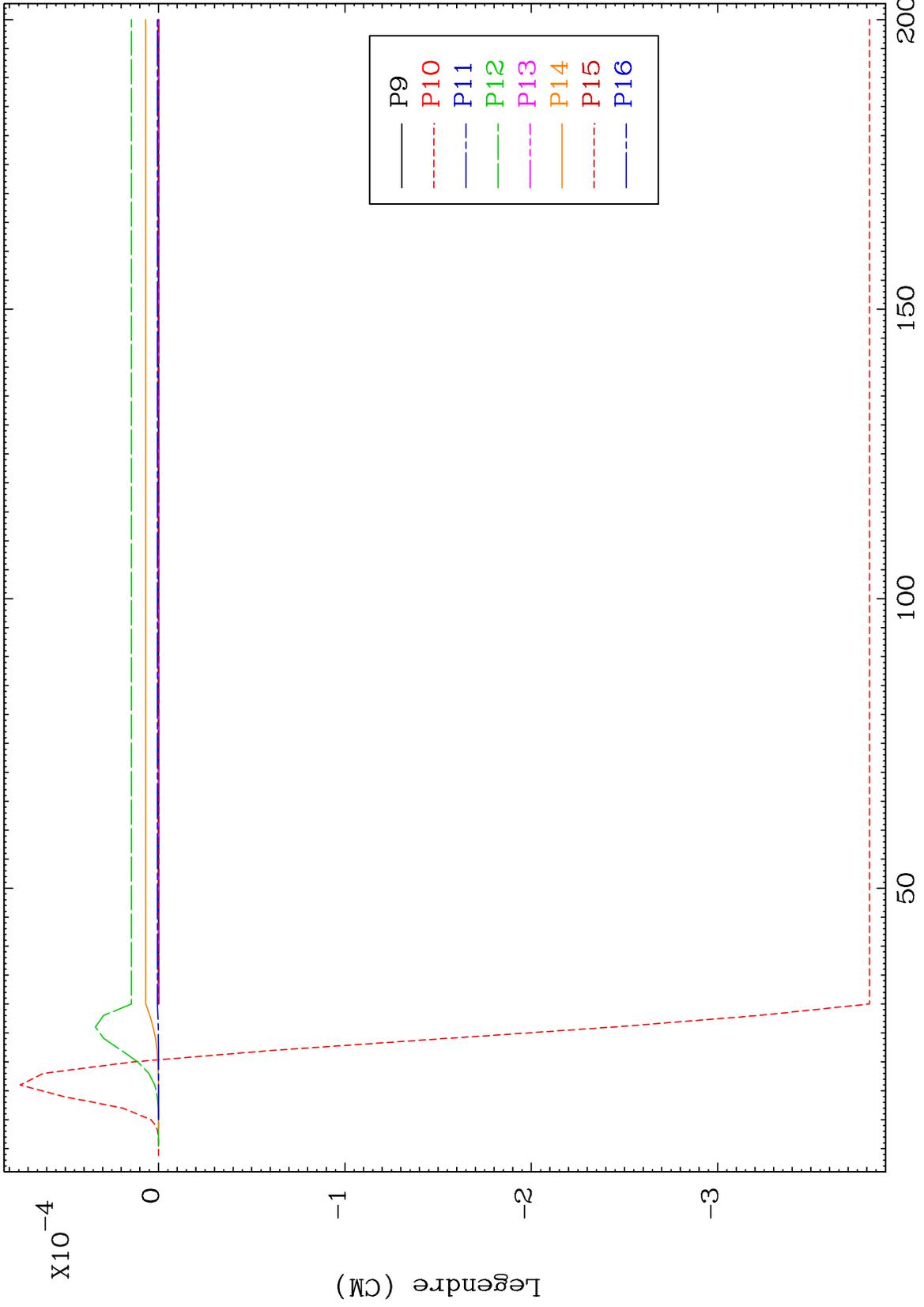
21-Sc-45



MAT 2125

MT= 77 (n,n') Level
Legendre Coefficients

21-Sc-45

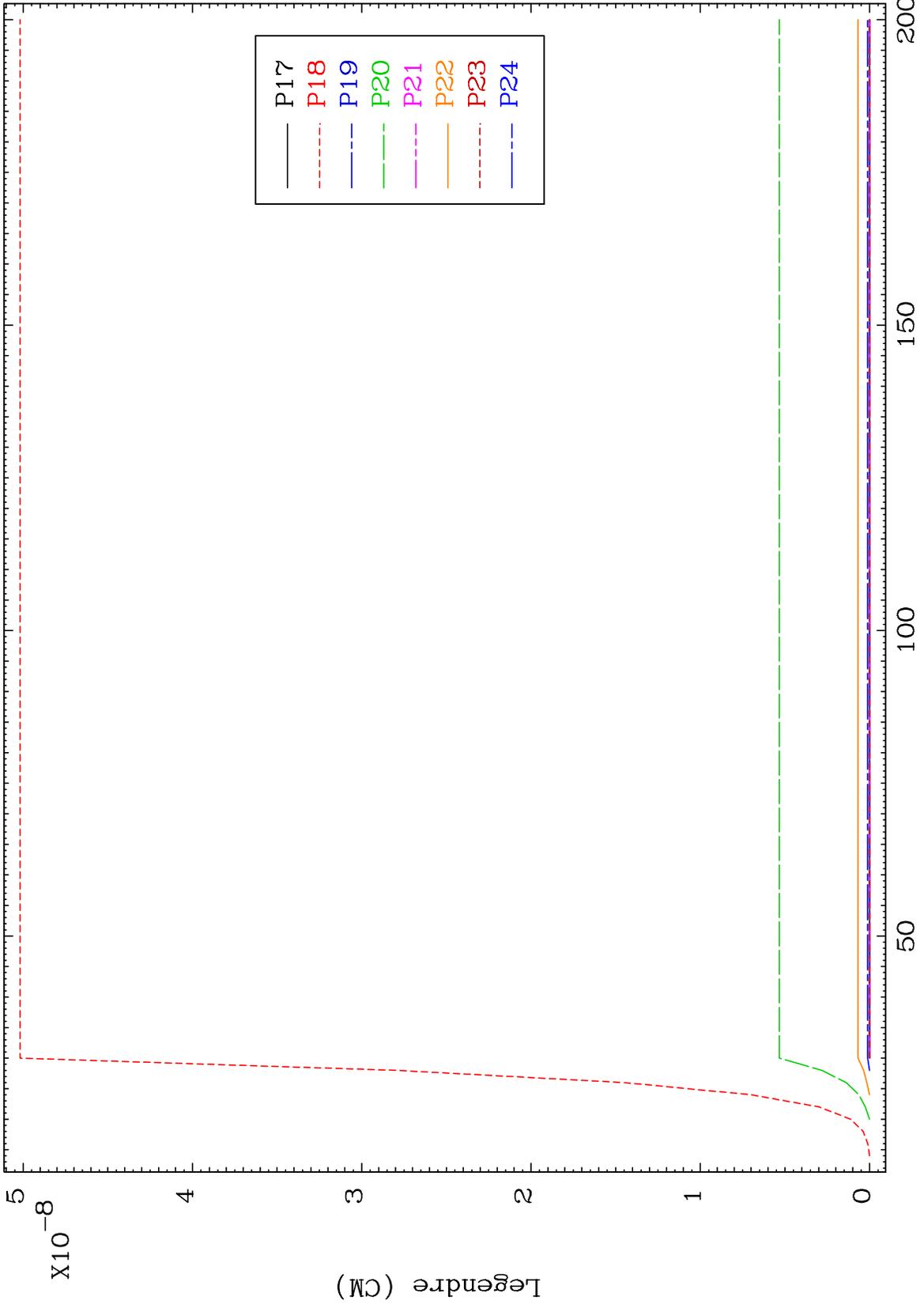


96

Incident Energy (MeV)

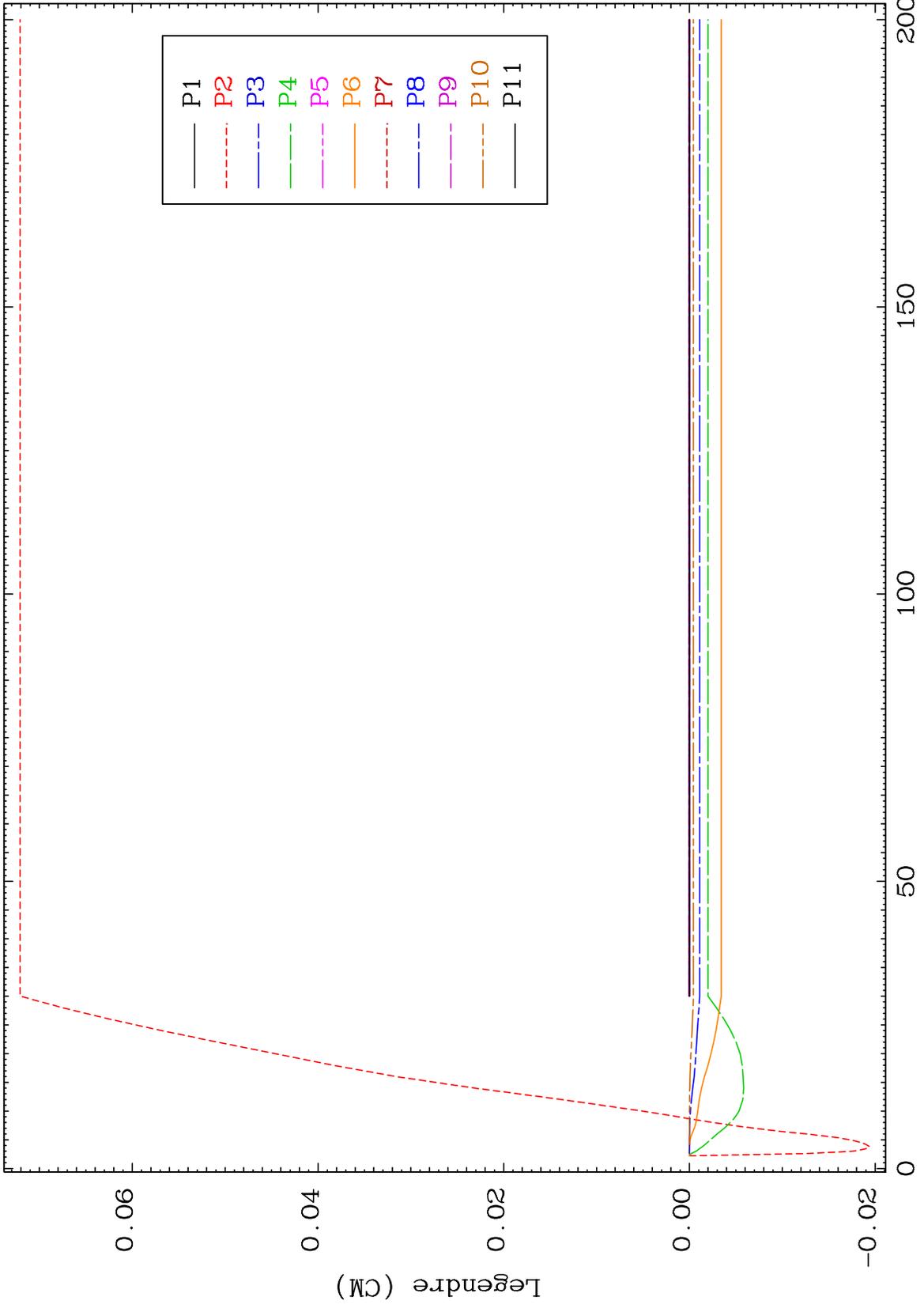
21-Sc-45

MAT 2125 MT= 77 (n,n') Level Legendre Coefficients 21-Sc-45



97 21-Sc-45

MAT 2125 MT= 78 (n,n') Level Legendre Coefficients 21-Sc-45

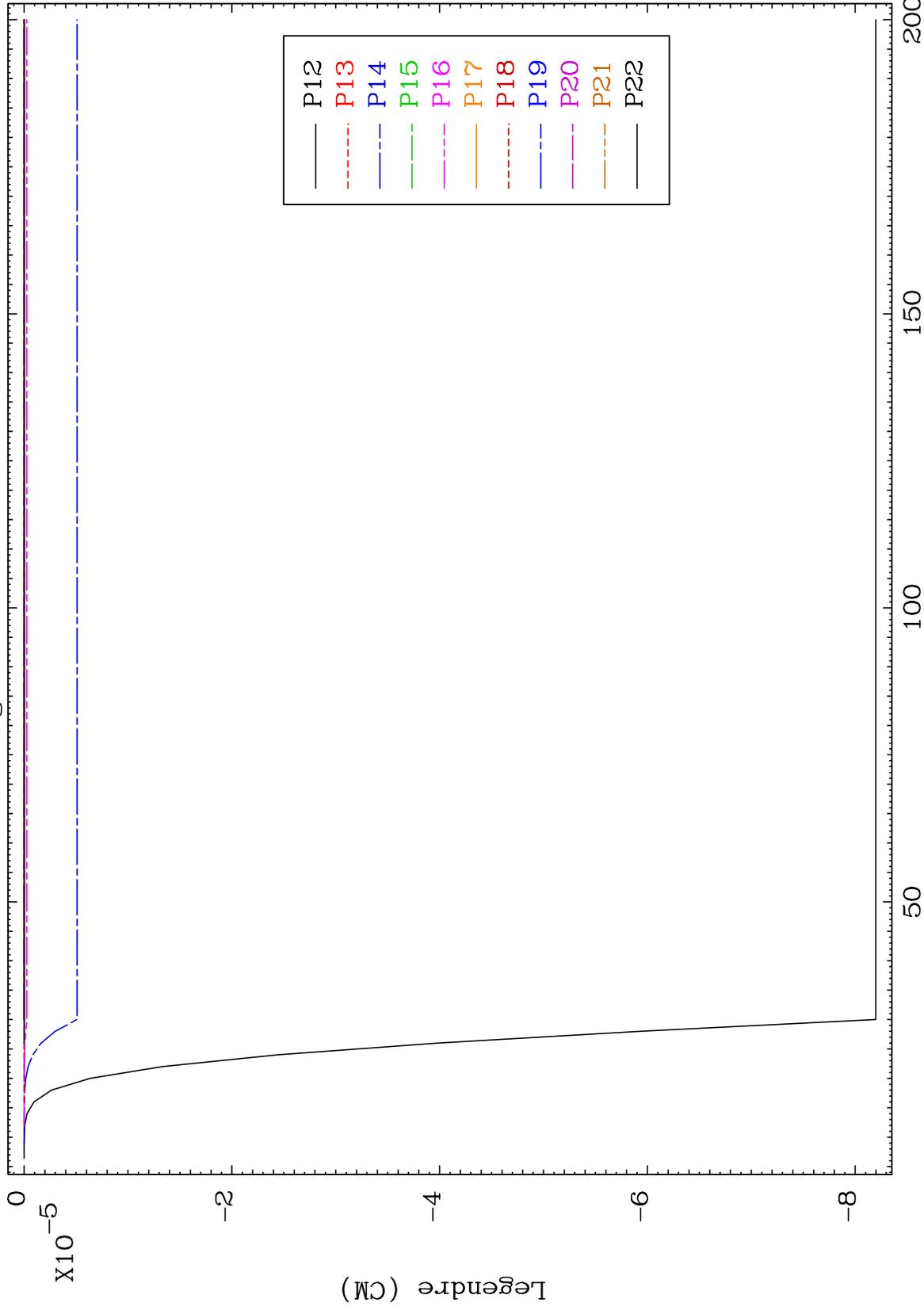


98 Incident Energy (MeV) 21-Sc-45

MAT 2125

MT= 78 (n,n') Level
Legendre Coefficients

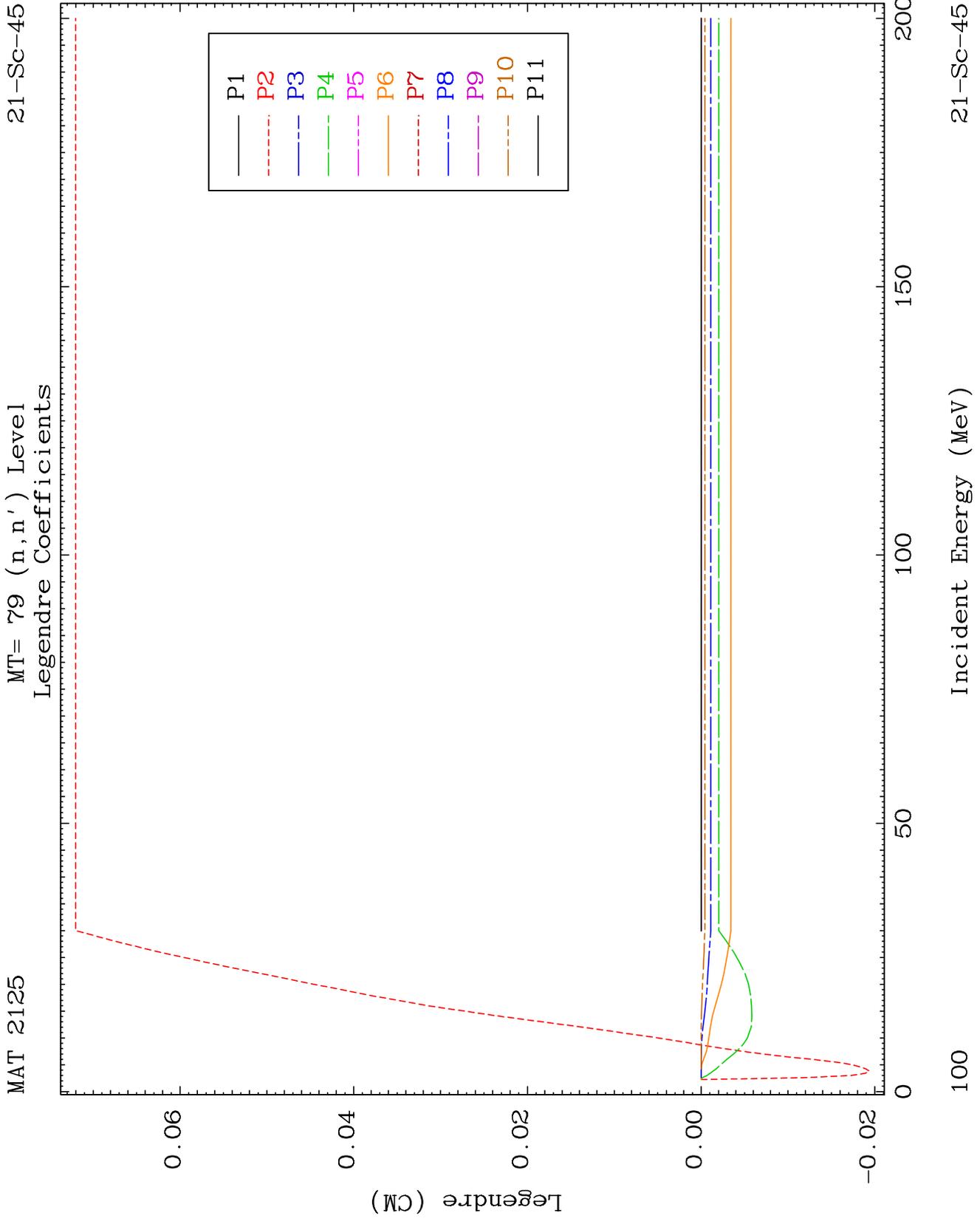
21-Sc-45



99

Incident Energy (MeV)

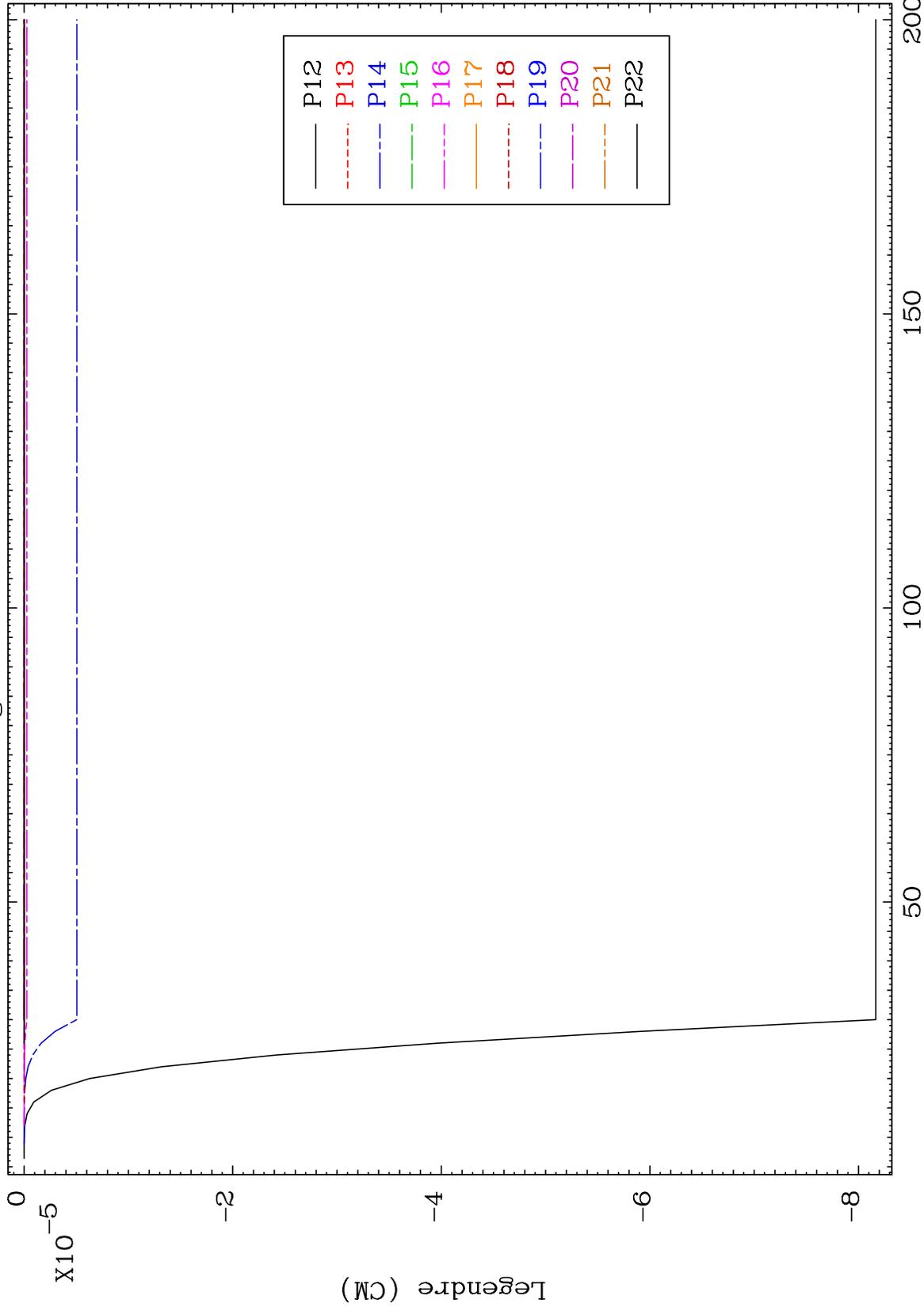
21-Sc-45



MAT 2125

MT= 79 (n,n') Level
Legendre Coefficients

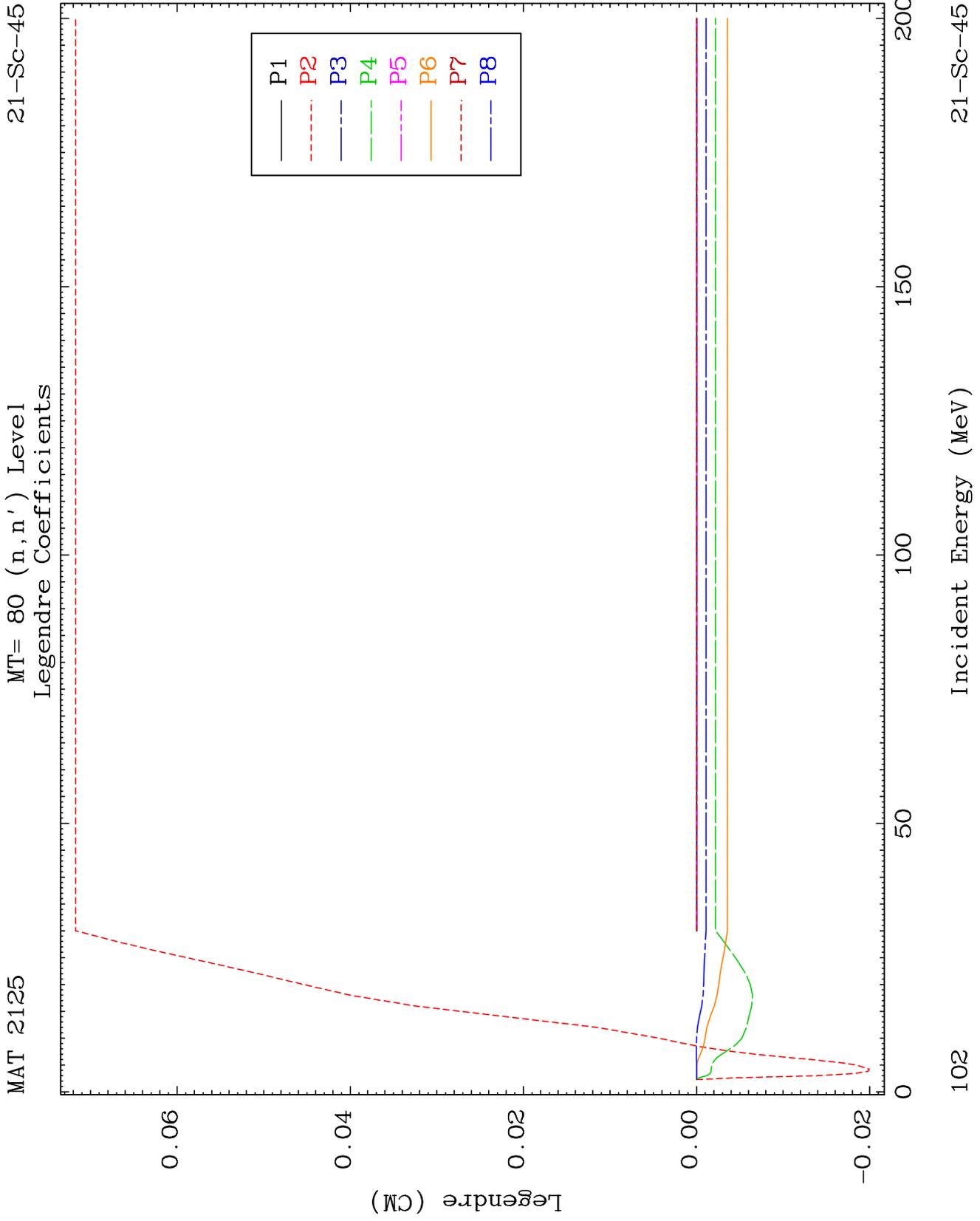
21-Sc-45



101

Incident Energy (MeV)

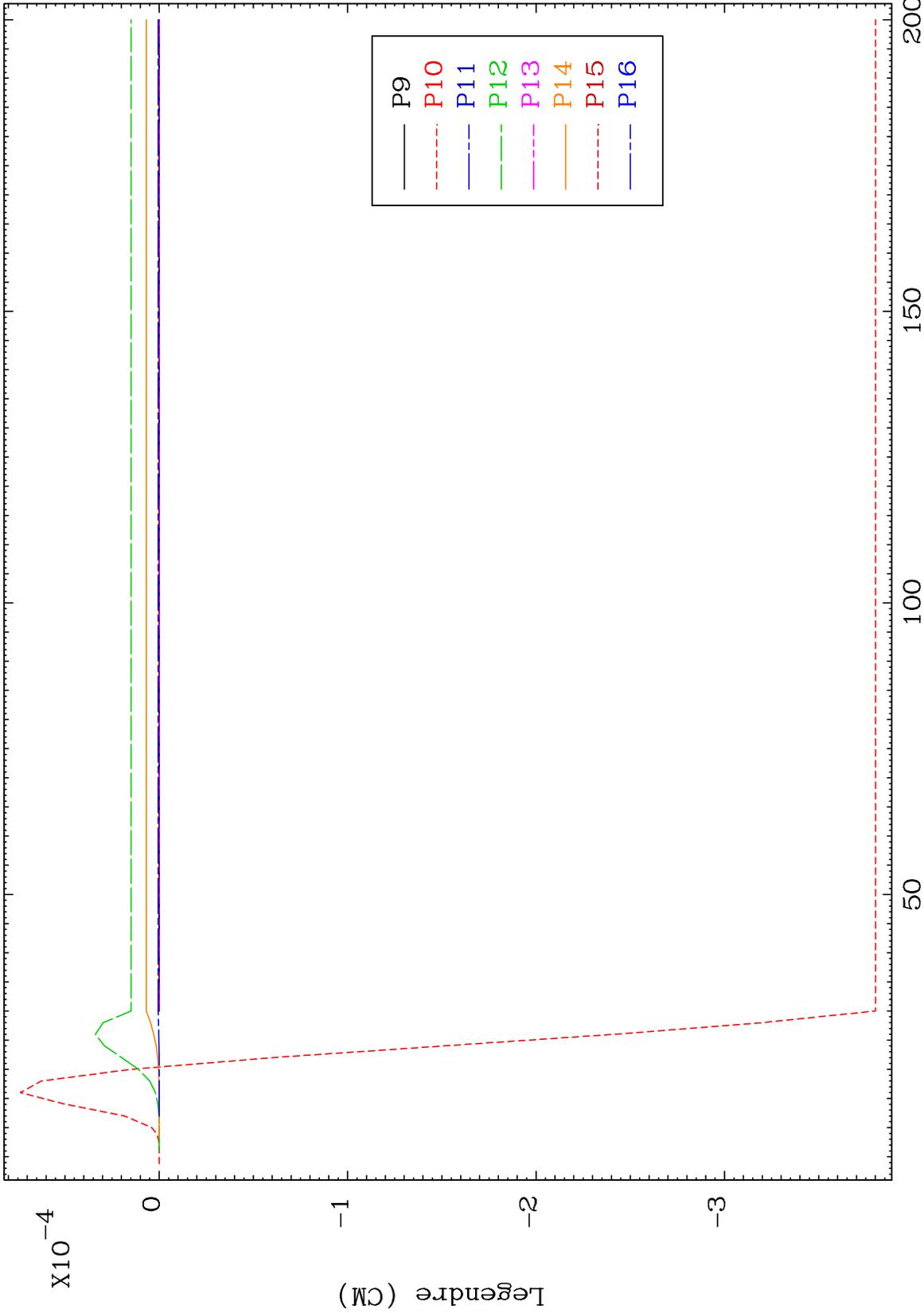
21-Sc-45



MAT 2125

MT= 80 (n,n') Level
Legendre Coefficients

21-Sc-45

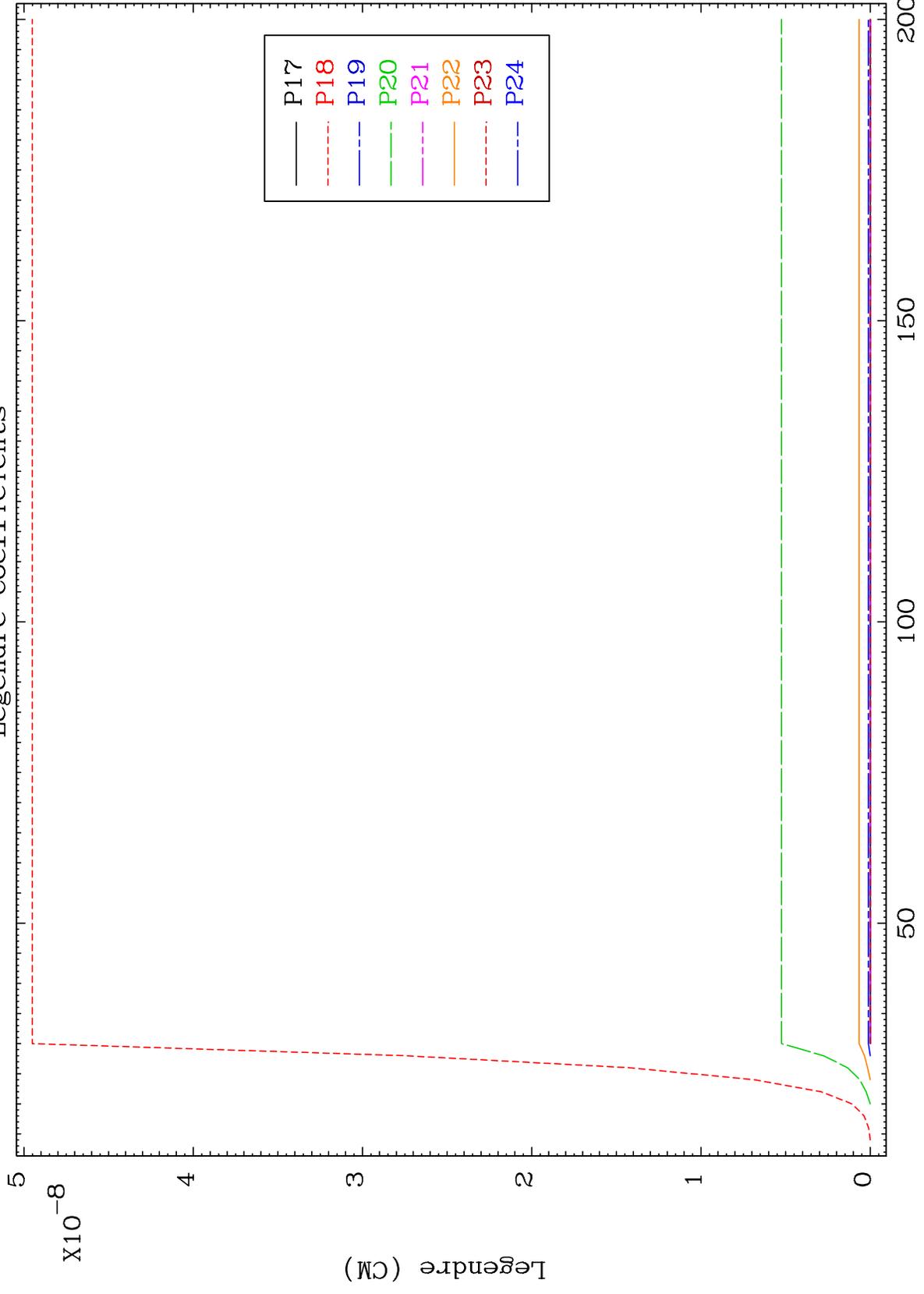


103

Incident Energy (MeV)

21-Sc-45

MAT 2125 MT= 80 (n,n') Level Legendre Coefficients 21-Sc-45

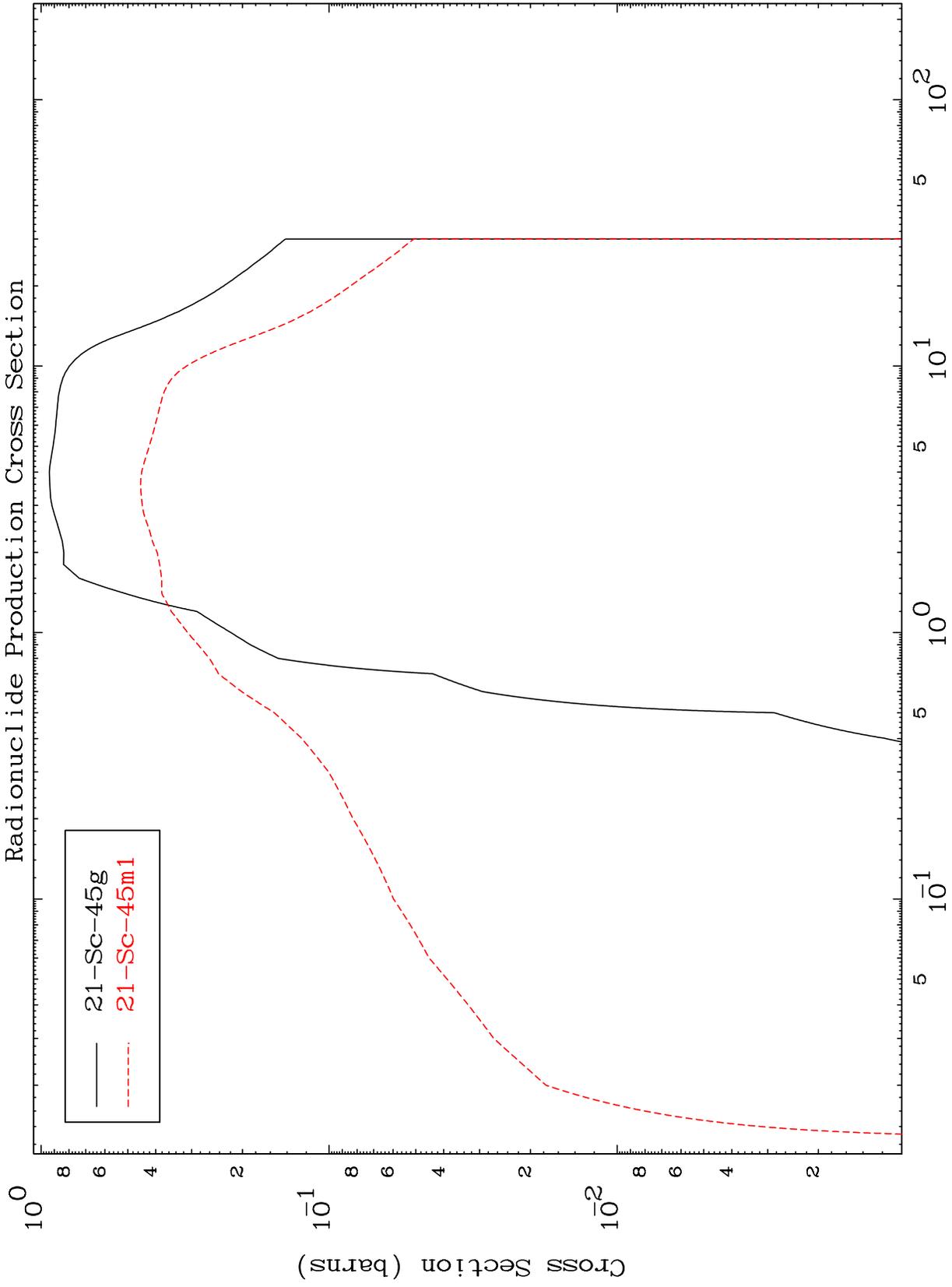


104 50 150 200 21-Sc-45

MAT 2125

Inelastic
Radionuclide Production Cross Section

21-Sc-45



— 21-Sc-45g
- - - 21-Sc-45m1

105

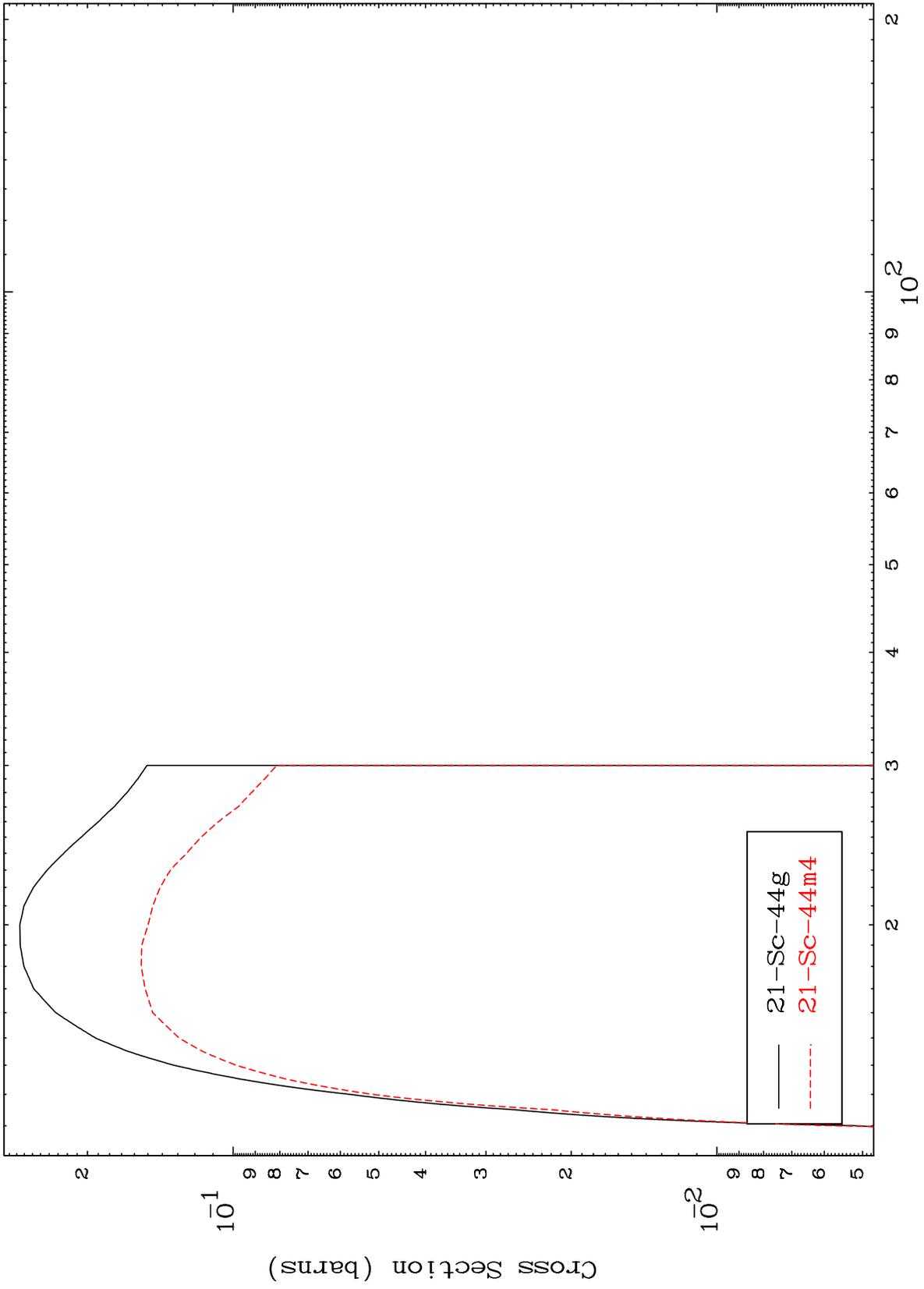
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

Radionuclide Production Cross Section
(n,2n)



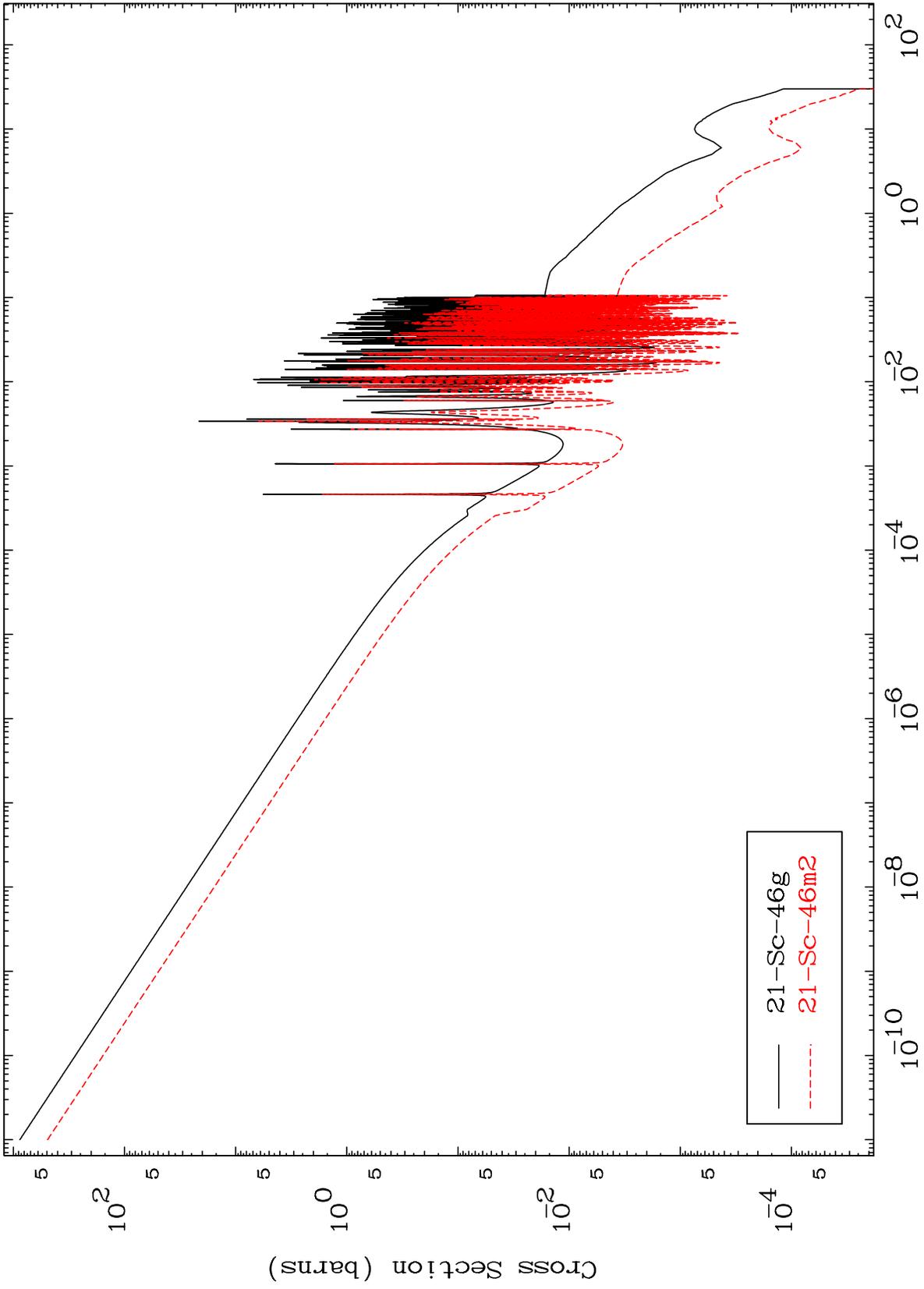
106

21-Sc-45

MAT 2125

21-Sc-45

(n,γ)
Radionuclide Production Cross Section



21-Sc-45

Incident Energy (MeV)

107

MAT 2125

21-Sc-45

(n,2α)
Radionuclide Production Cross Section

