

Program EVALPLOT
(Version 2021-1)

by

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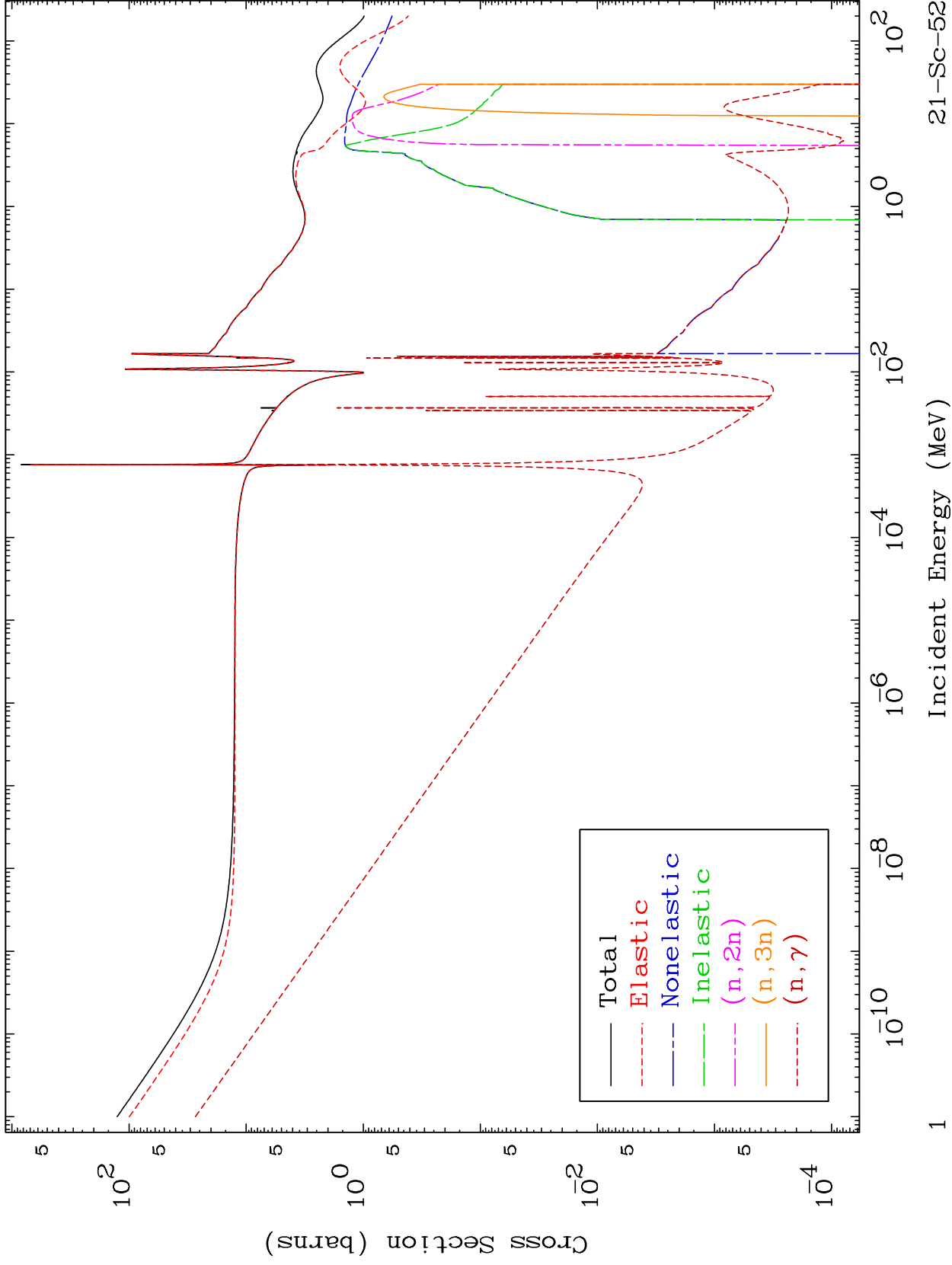
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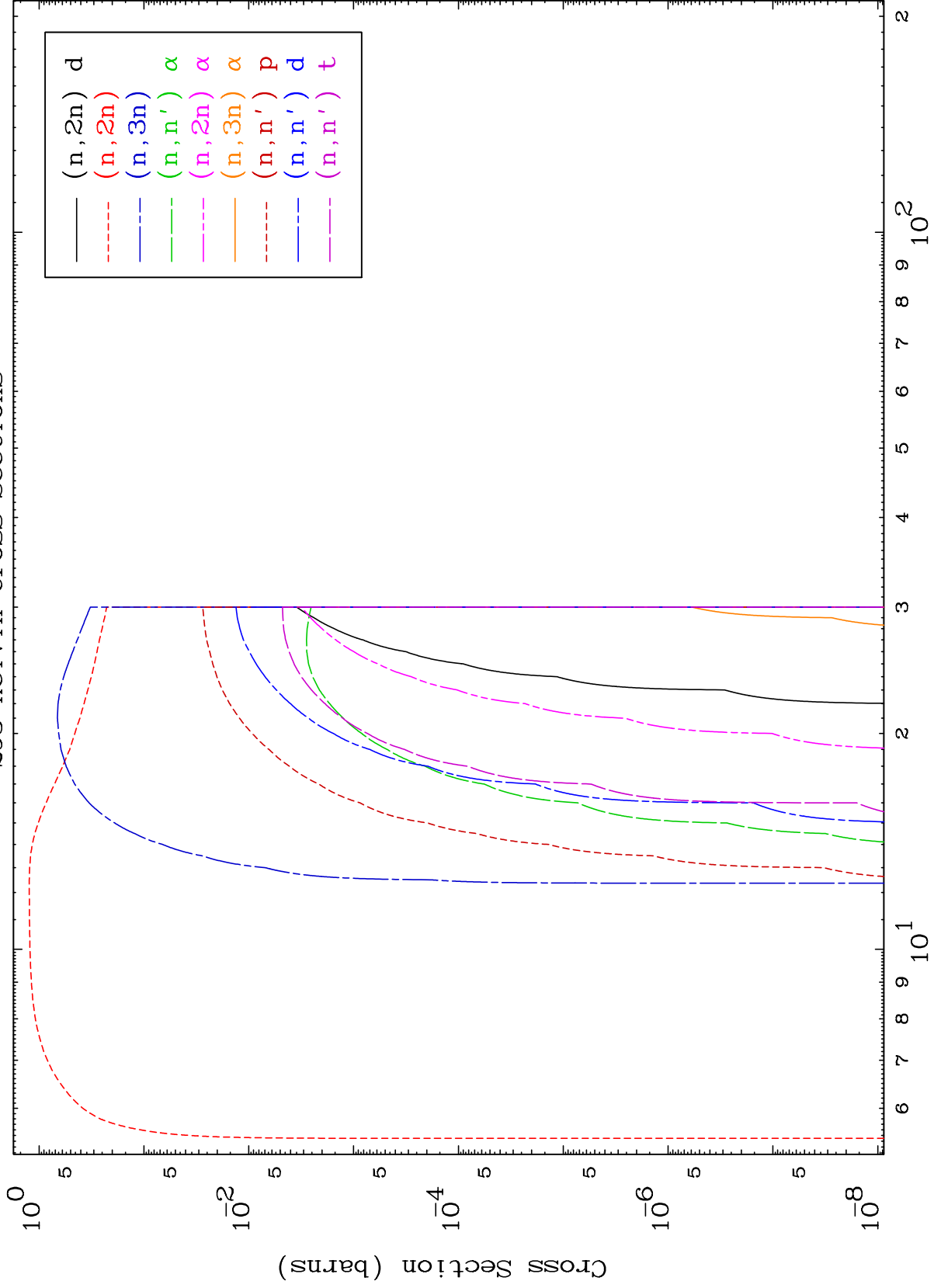
Press Mouse Button to Start

MAT 2146

Neutron Major
293 Kelvin Cross Sections

21-Sc-52

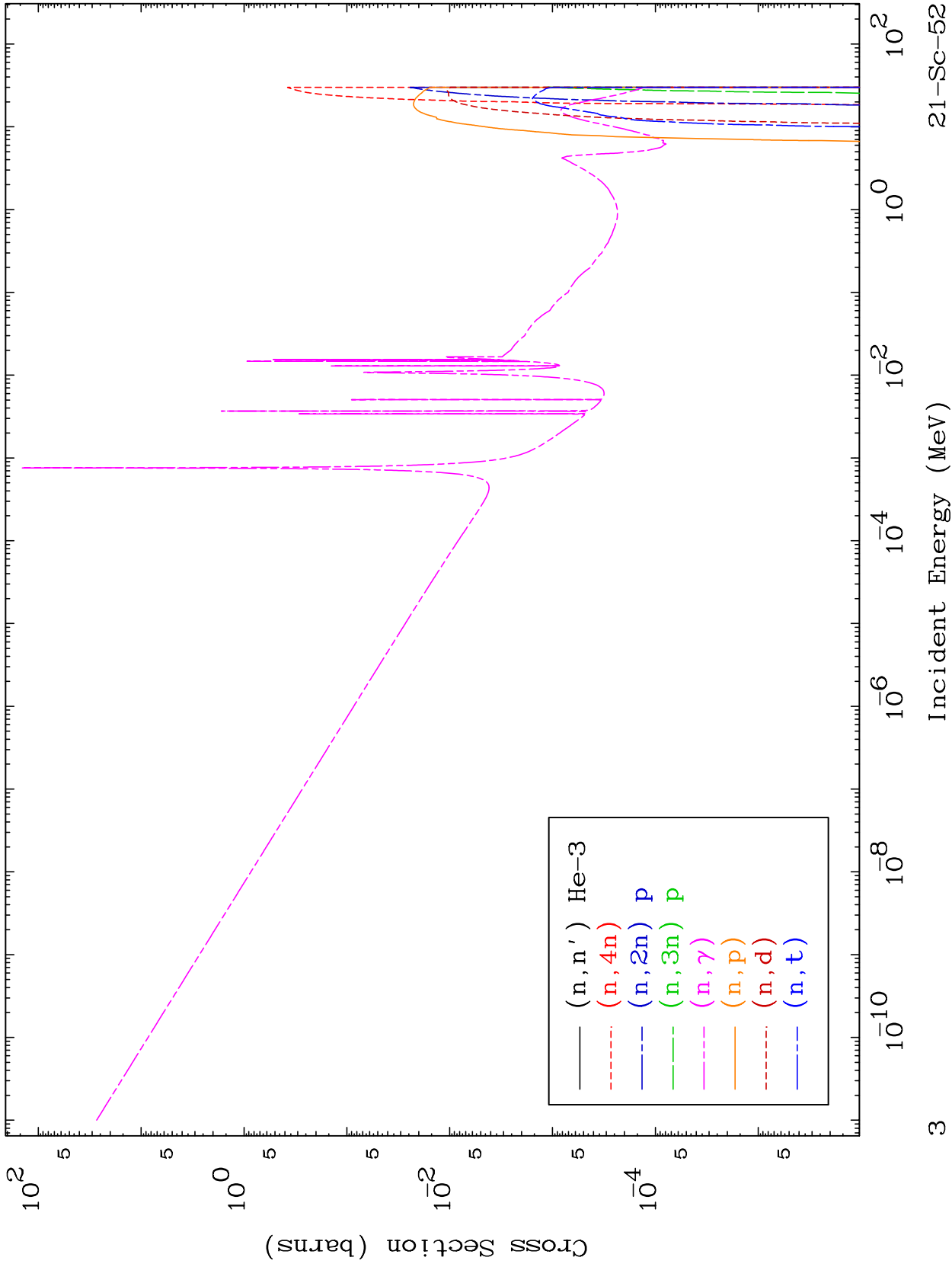




MAT 2146

Neutron Absorption
293 Kelvin Cross Sections

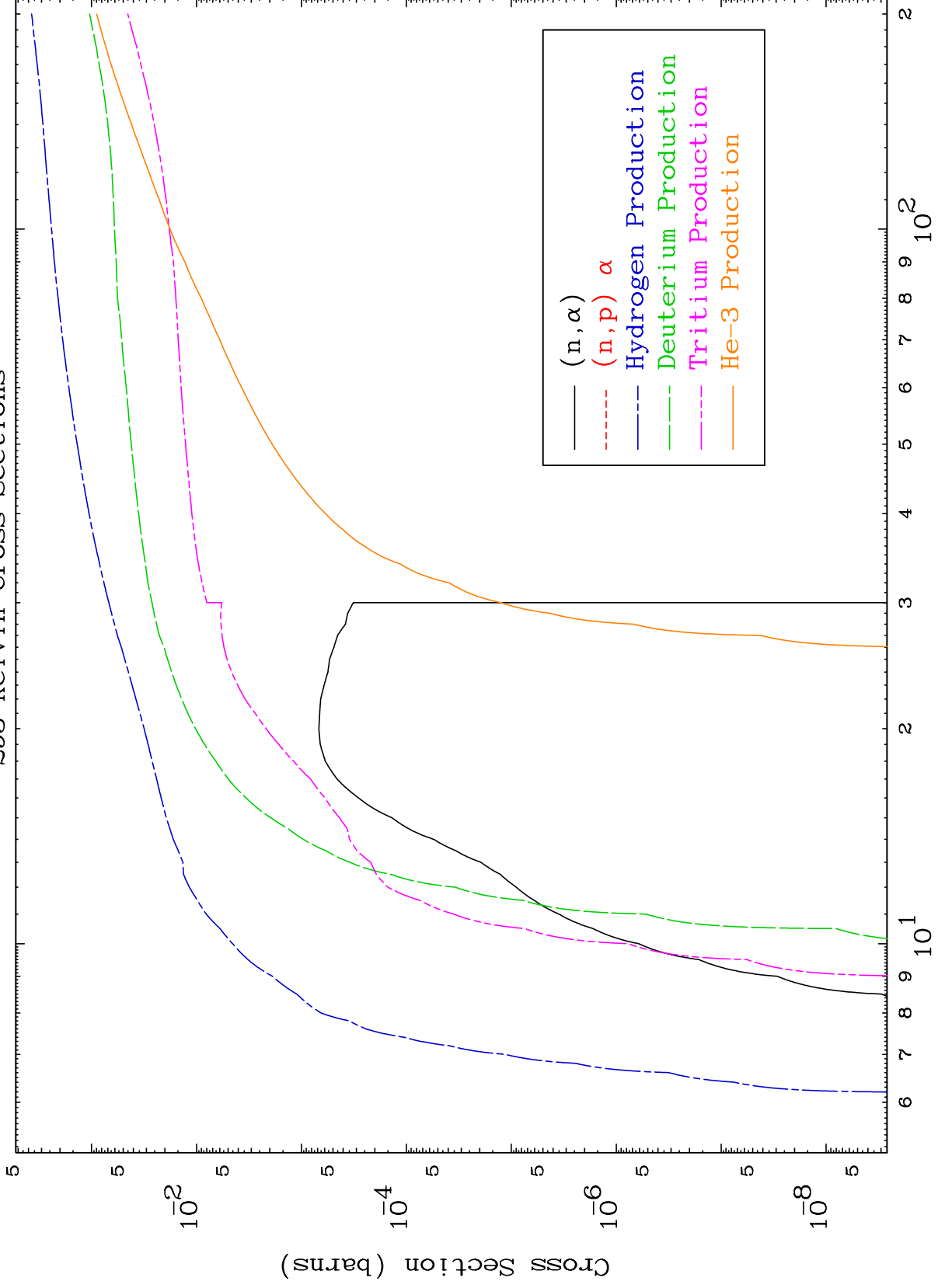
21-Sc-52



MAT 2146

Neutron Absorption
293 Kelvin Cross Sections

21-Sc-52



4

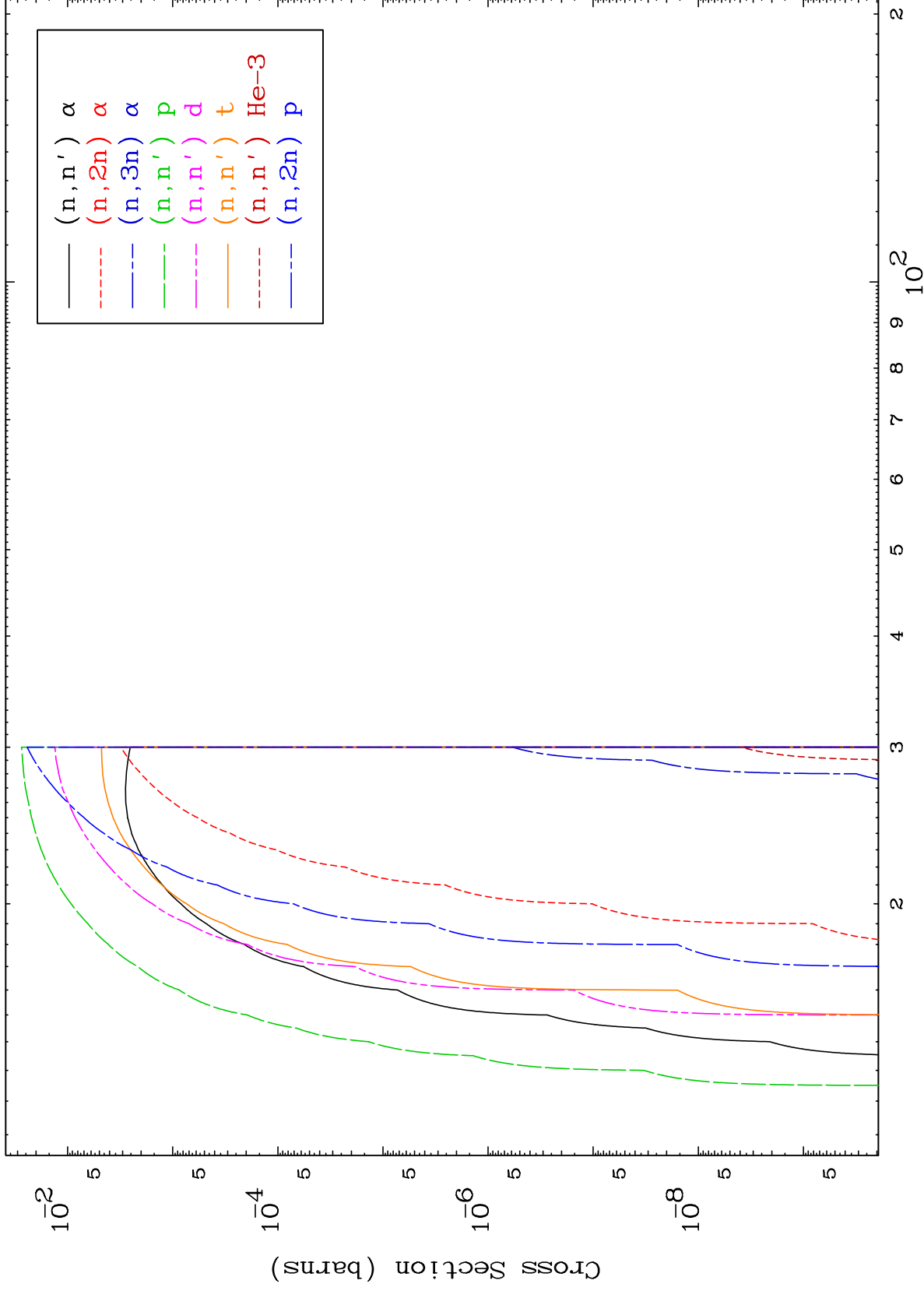
Incident Energy (MeV)

21-Sc-52

MAT 2146

Charged Particle
293 Kelvin Cross Sections

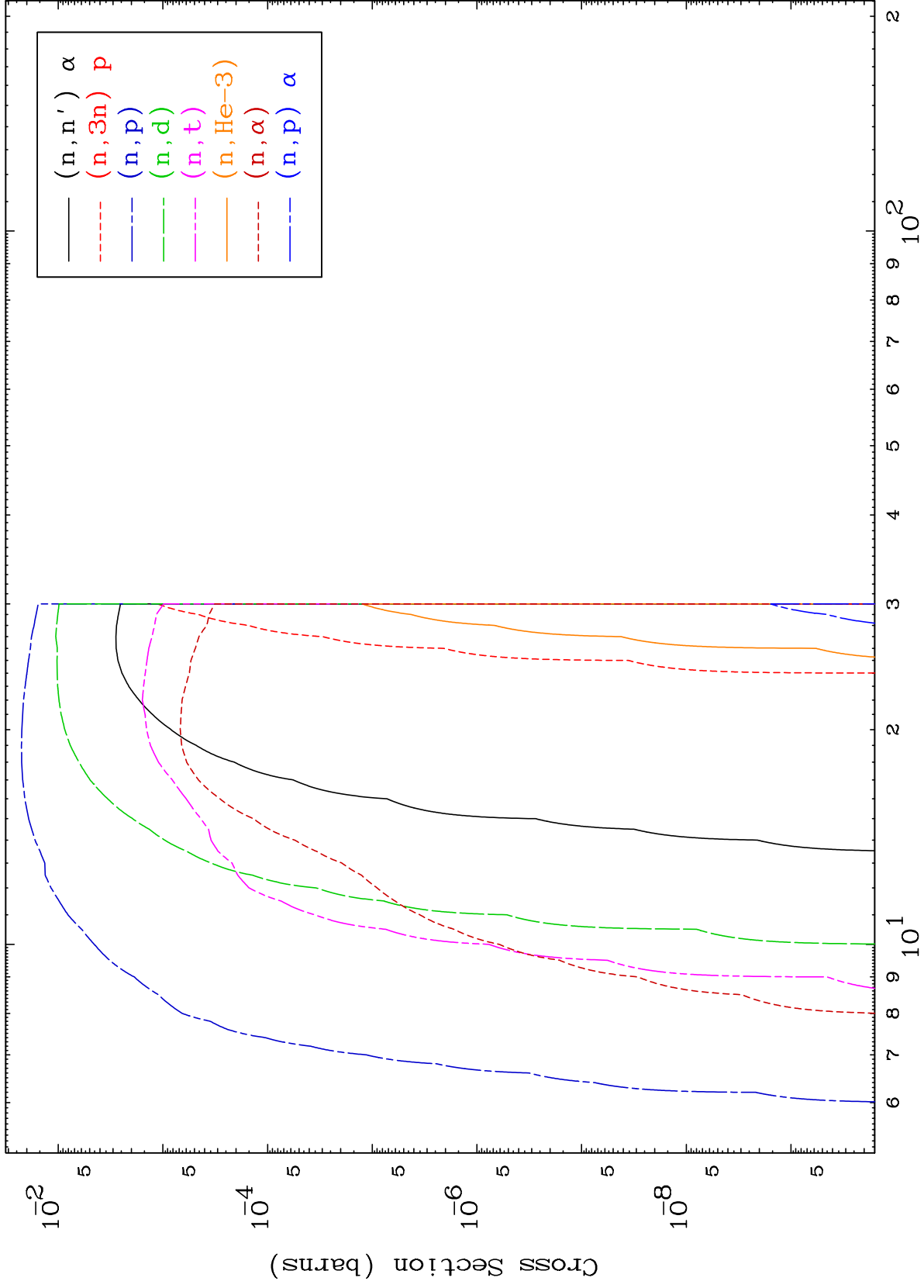
21-Sc-52



Incident Energy (MeV)

21-Sc-52

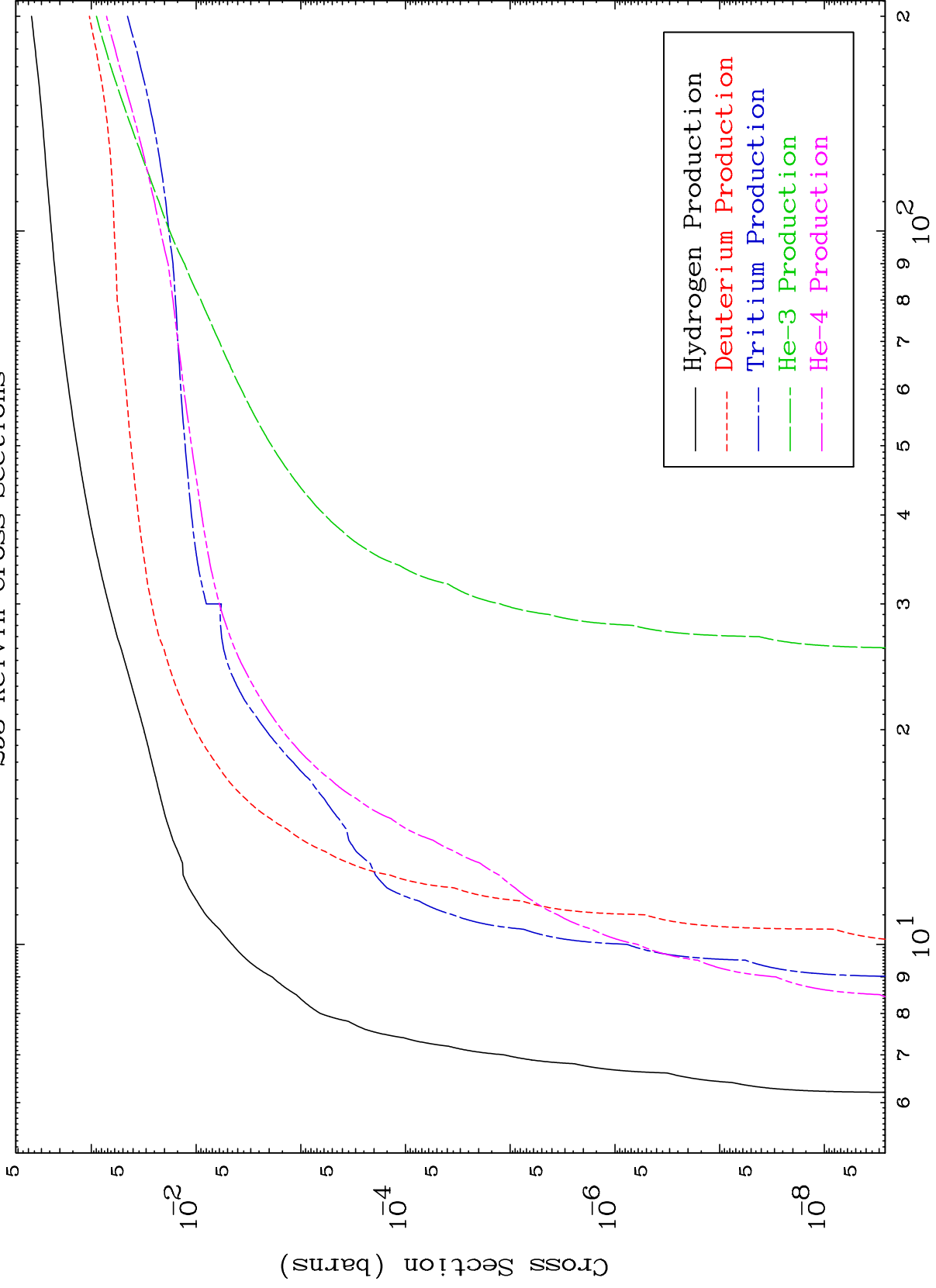
5



MAT 2146

Particle Production
293 Kelvin Cross Sections

21-Sc-52



7

Incident Energy (MeV)

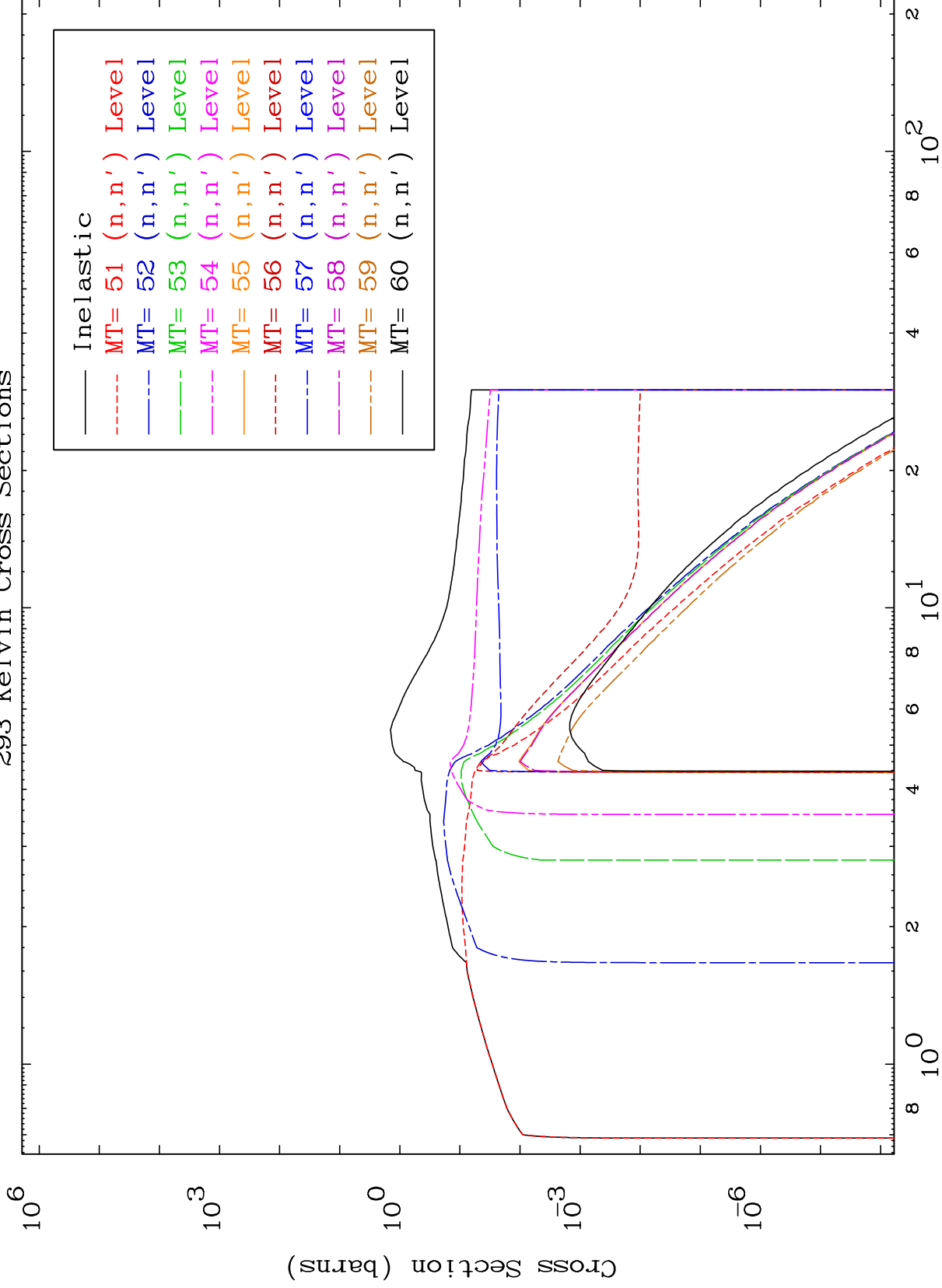
21-Sc-52

MAT 2146

(n,n') Levels

21-Sc-52

293 Kelvin Cross Sections



8

Incident Energy (MeV)

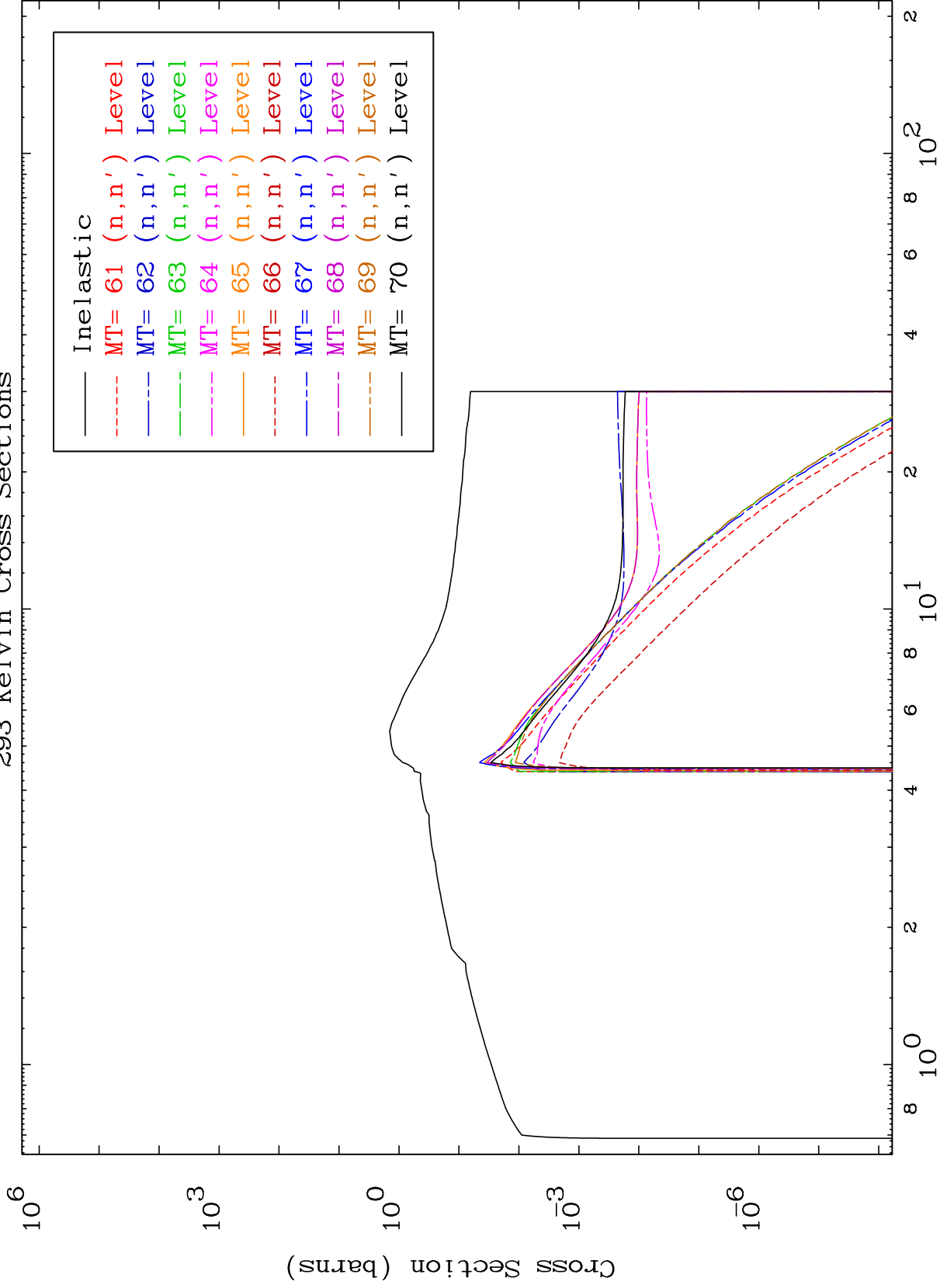
21-Sc-52

MAT 2146

(n,n') Levels

21-Sc-52

293 Kelvin Cross Sections

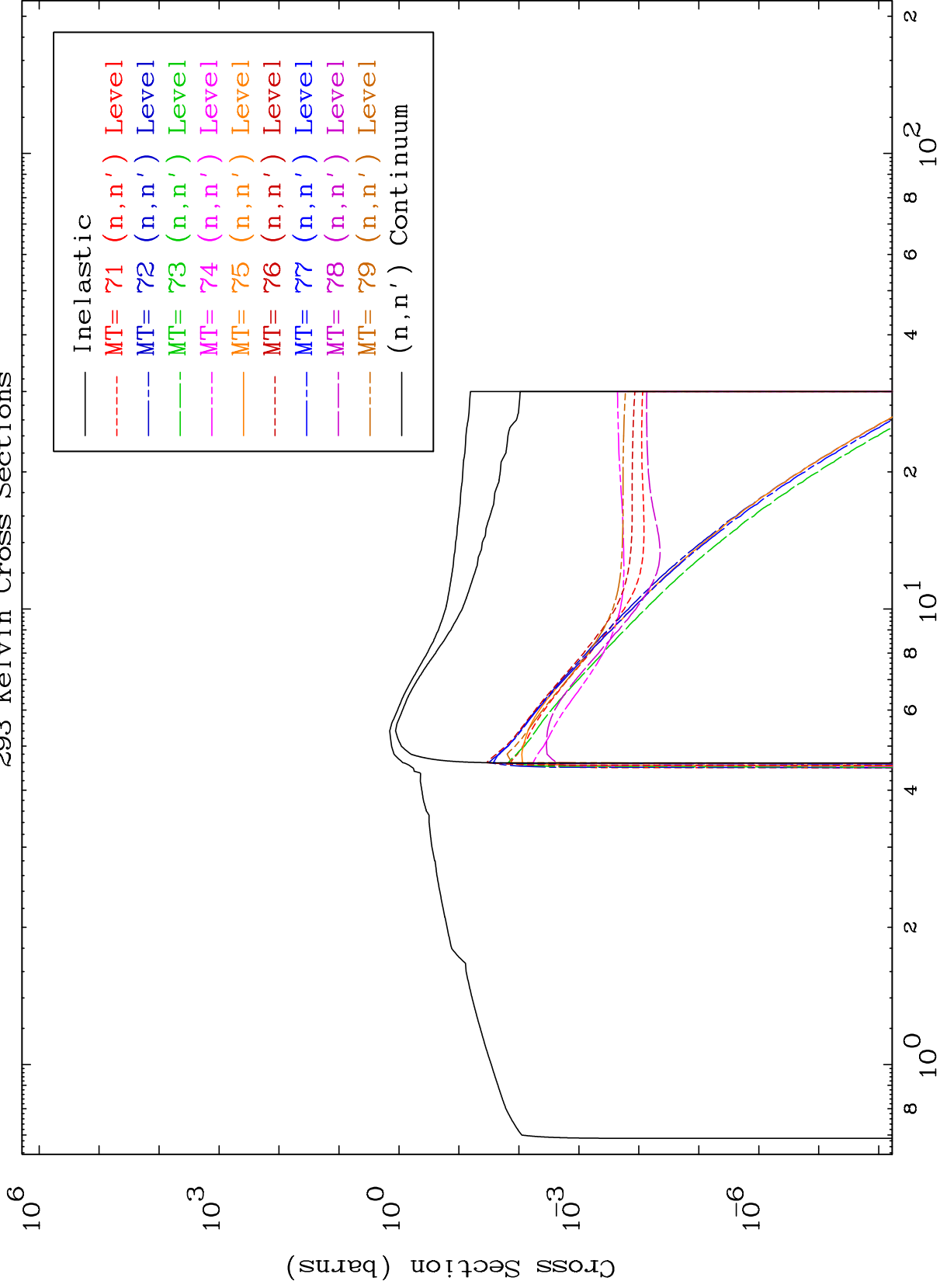


MAT 2146

(n,n') Levels

293 Kelvin Cross Sections

21-Sc-52



10

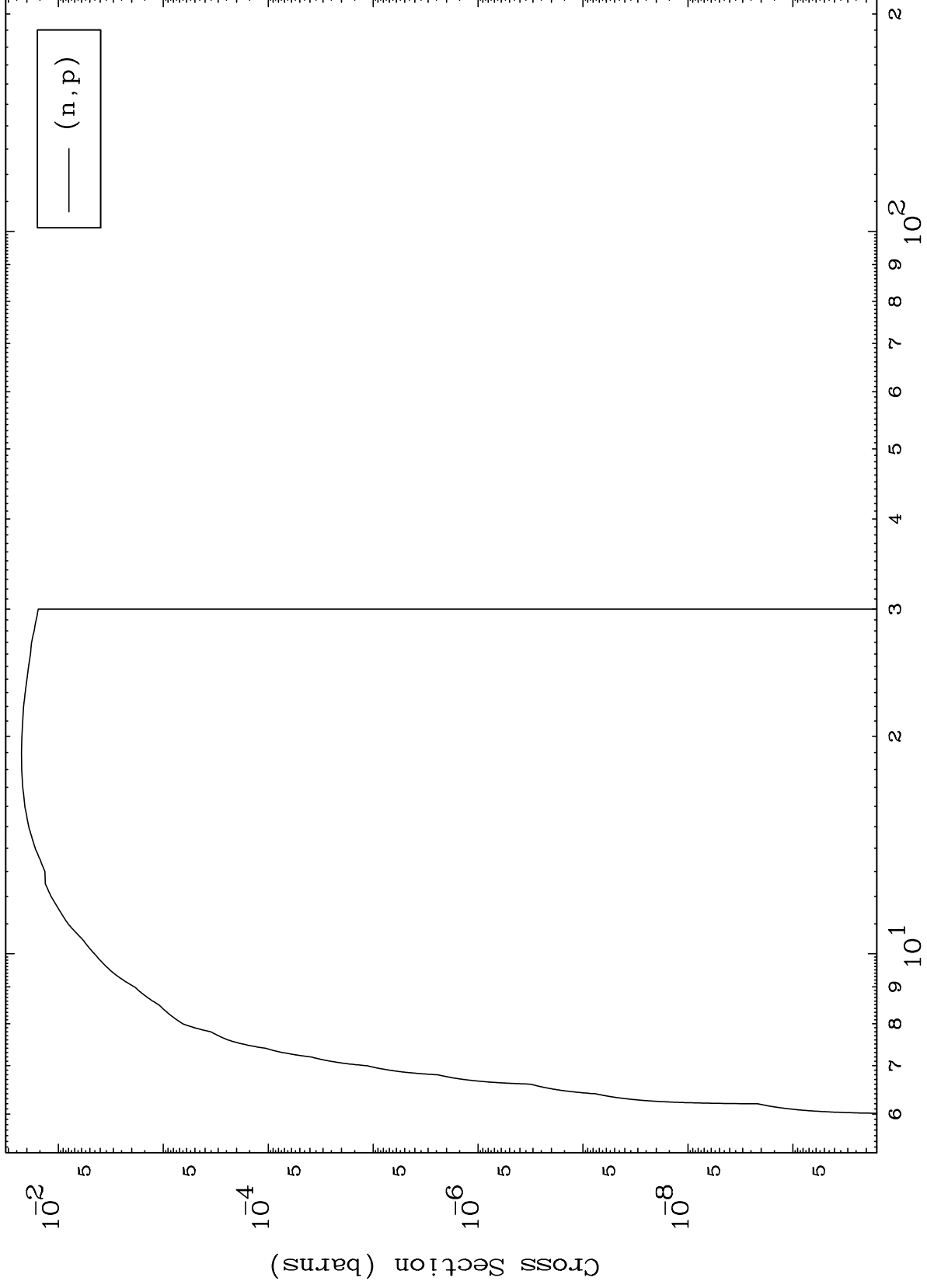
Incident Energy (MeV)

21-Sc-52

MAT 2146

(n,p) Levels
293 Kelvin Cross Sections

21-Sc-52



11

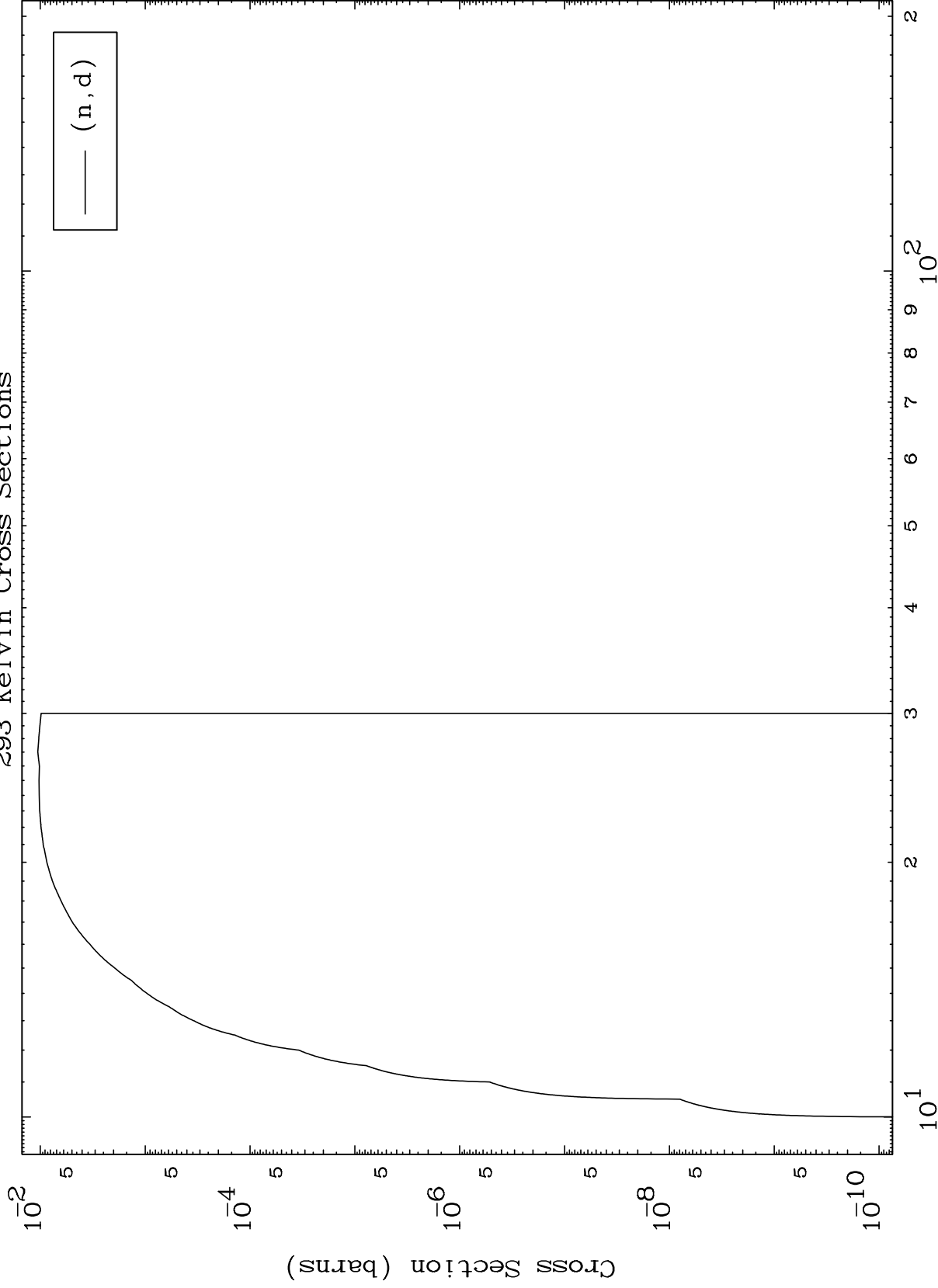
Incident Energy (MeV)

21-Sc-52

MAT 2146

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-52



12

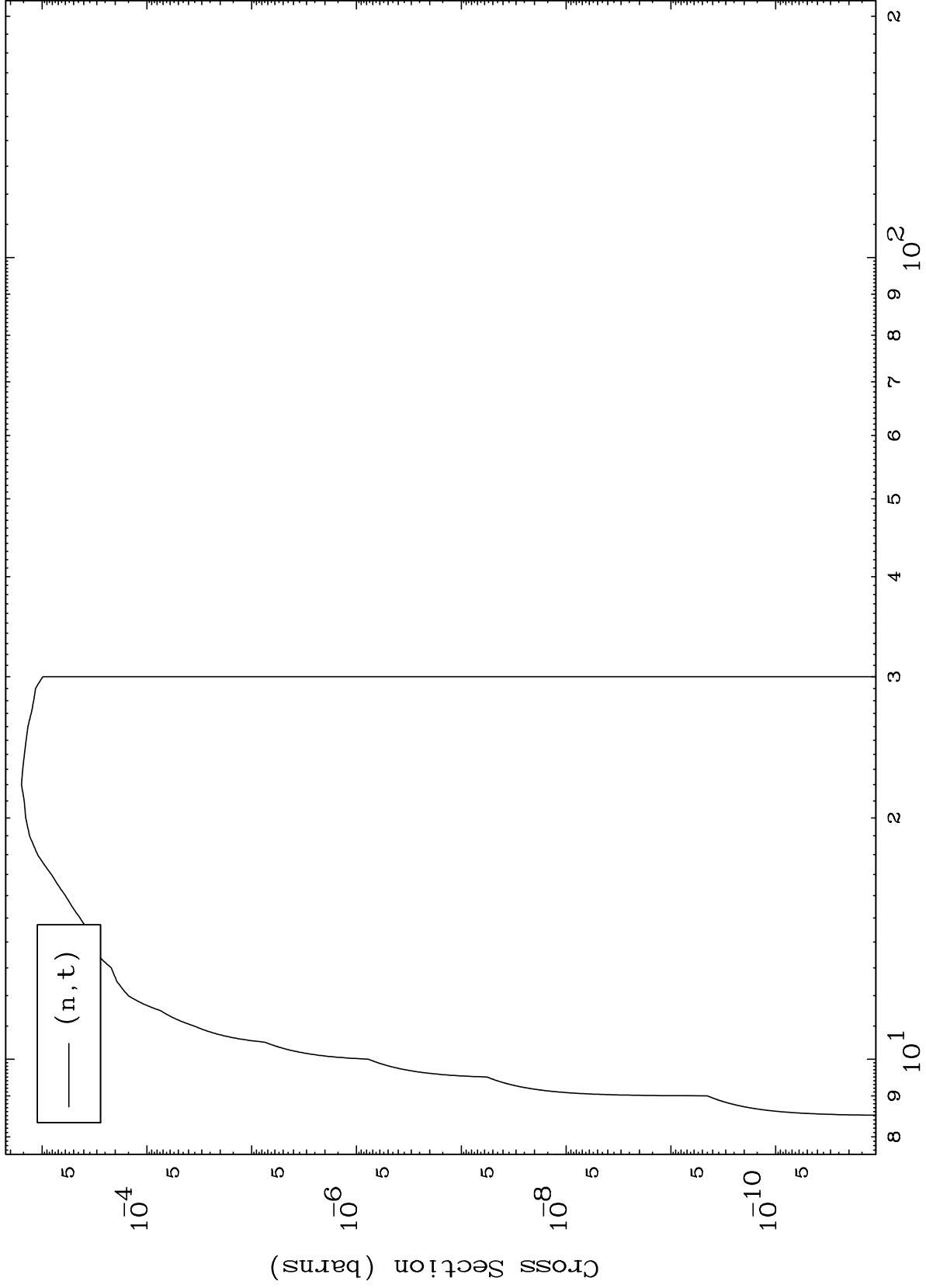
Incident Energy (MeV)

21-Sc-52

MAT 2146

(n,t) Levels
293 Kelvin Cross Sections

21-Sc-52



13

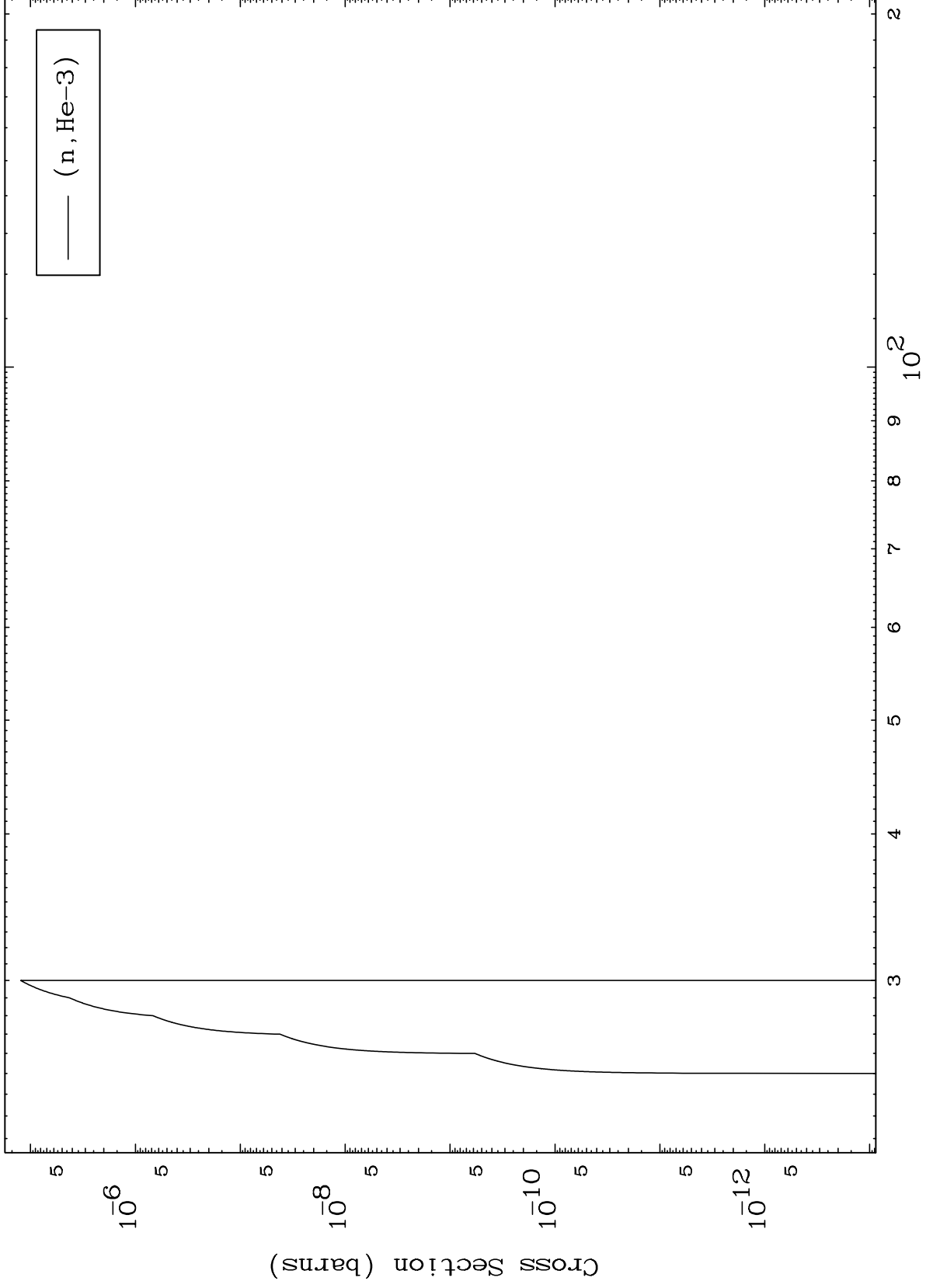
Incident Energy (MeV)

21-Sc-52

MAT 2146

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-52



14

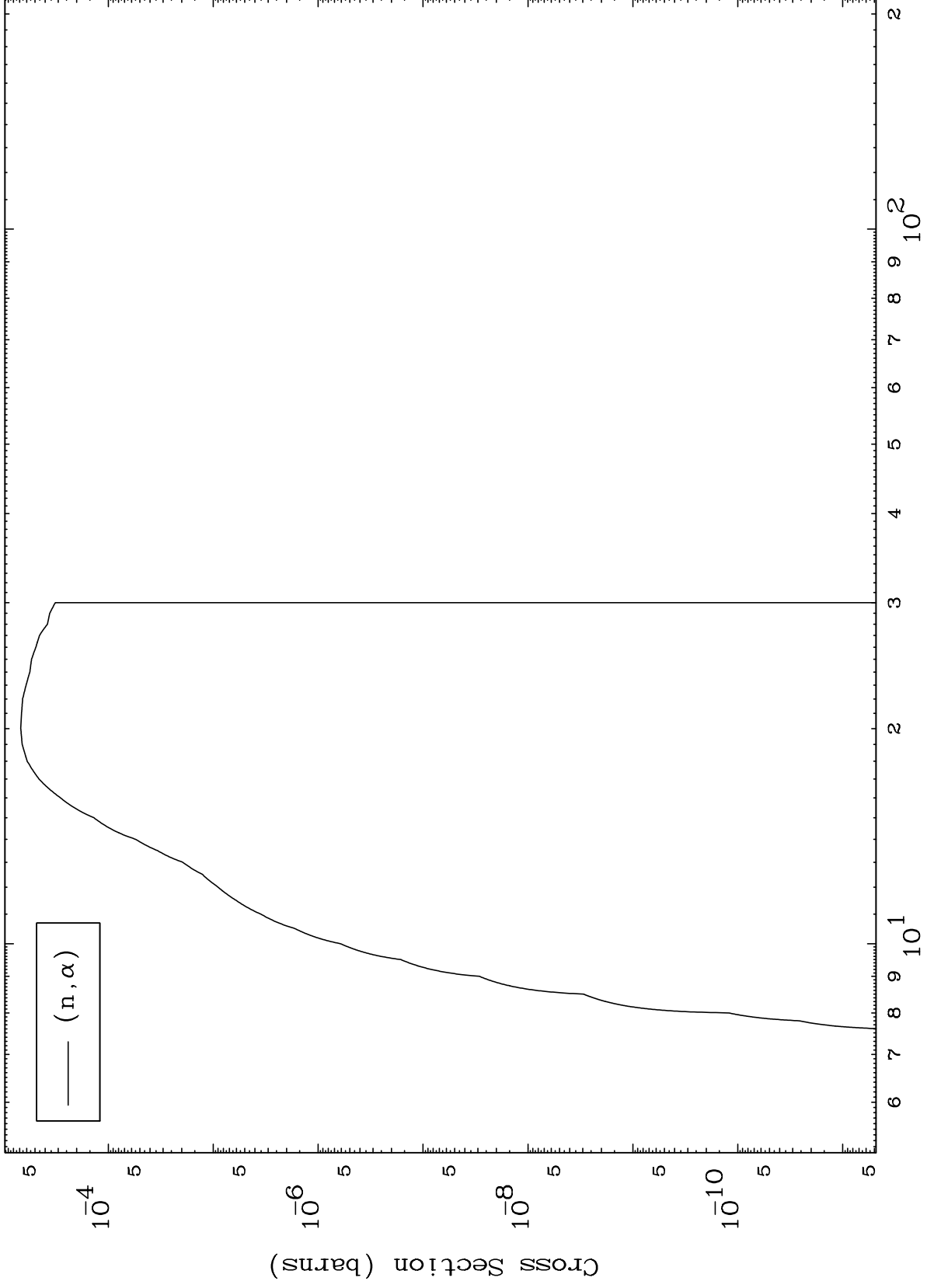
Incident Energy (MeV)

21-Sc-52

MAT 2146

(n, α) Levels
293 Kelvin Cross Sections

21-Sc-52



15

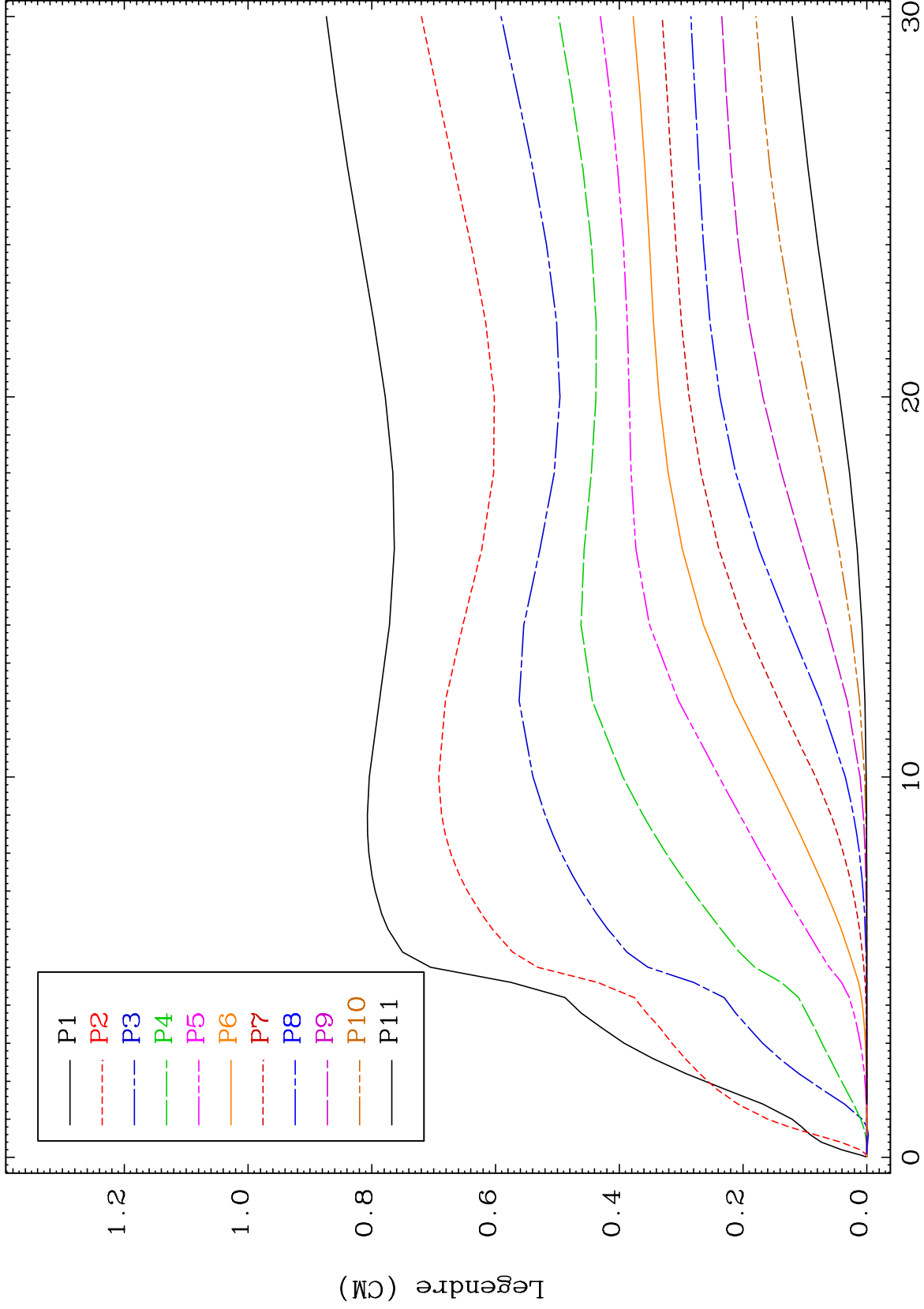
Incident Energy (MeV)

21-Sc-52

MAT 2146

Elastic Legendre Coefficients

21-Sc-52



16

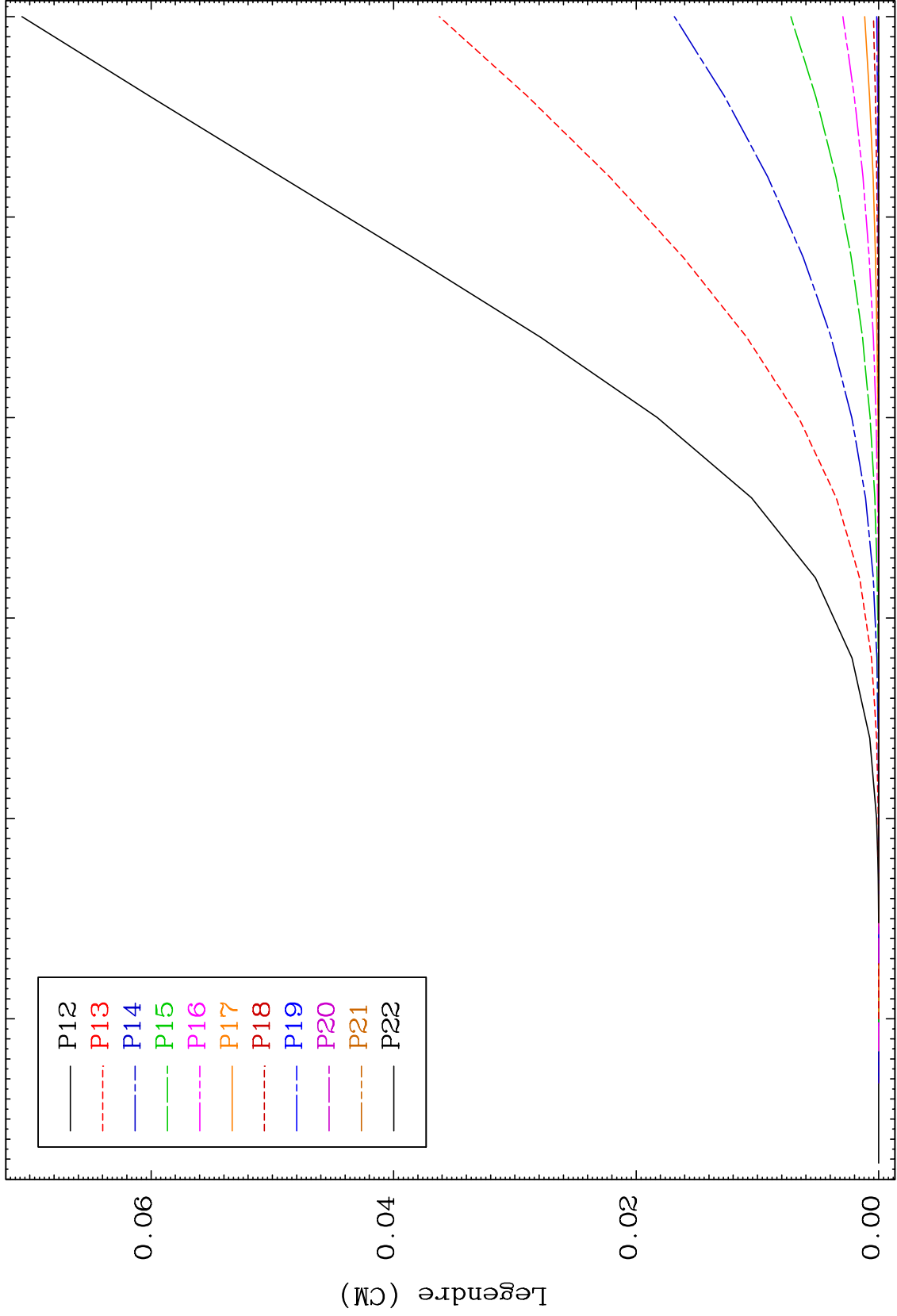
Incident Energy (MeV)

21-Sc-52

MAT 2146

Elastic
Legendre Coefficients

21-Sc-52



17

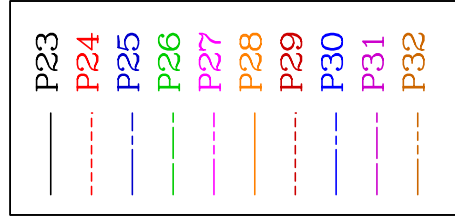
Incident Energy (MeV)

21-Sc-52

MAT 2146

Elastic
Legendre Coefficients

21-Sc-52



$\times 10^{-6}$

1.2

0.8

0.4

0.0

0.0

10

15

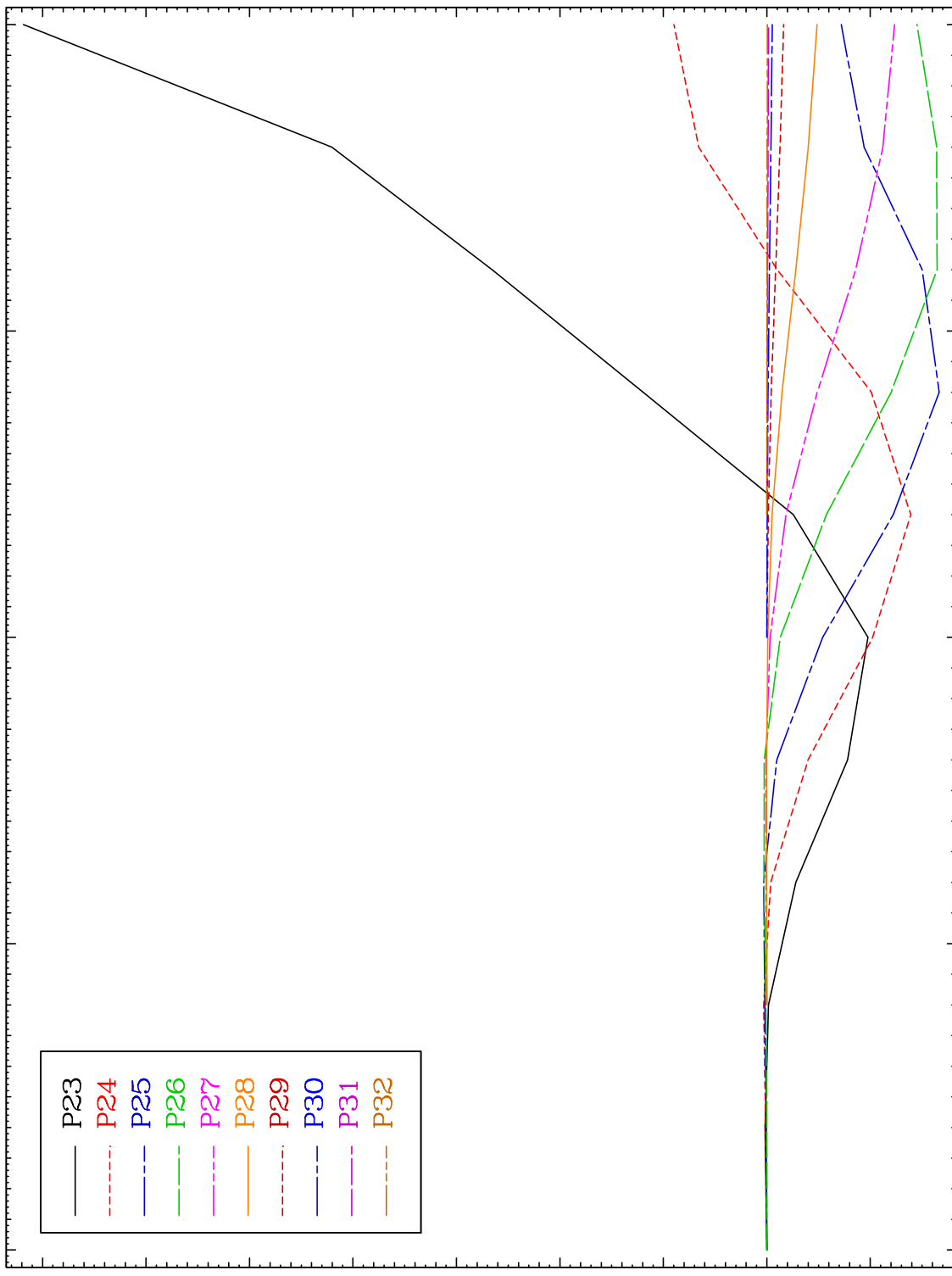
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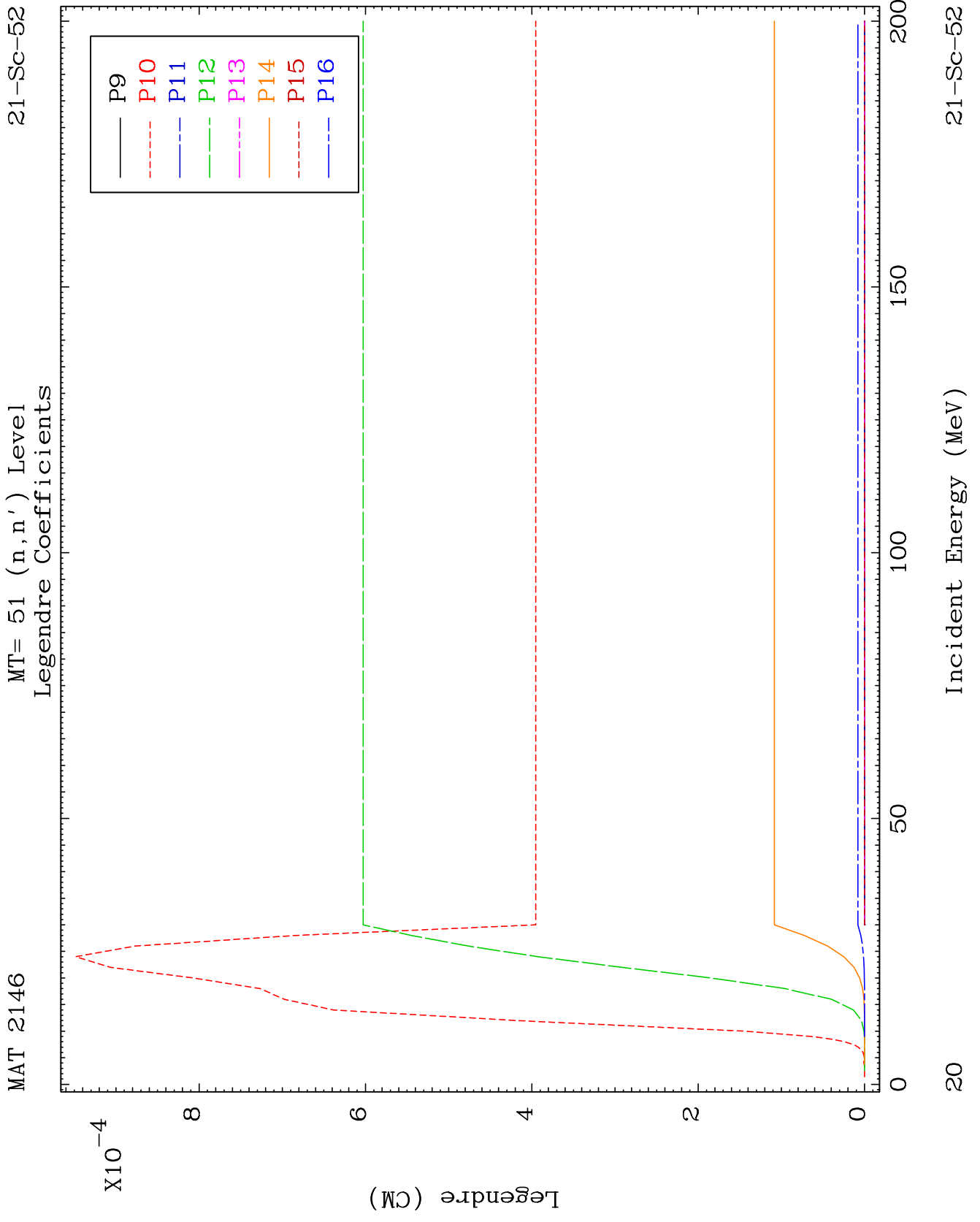
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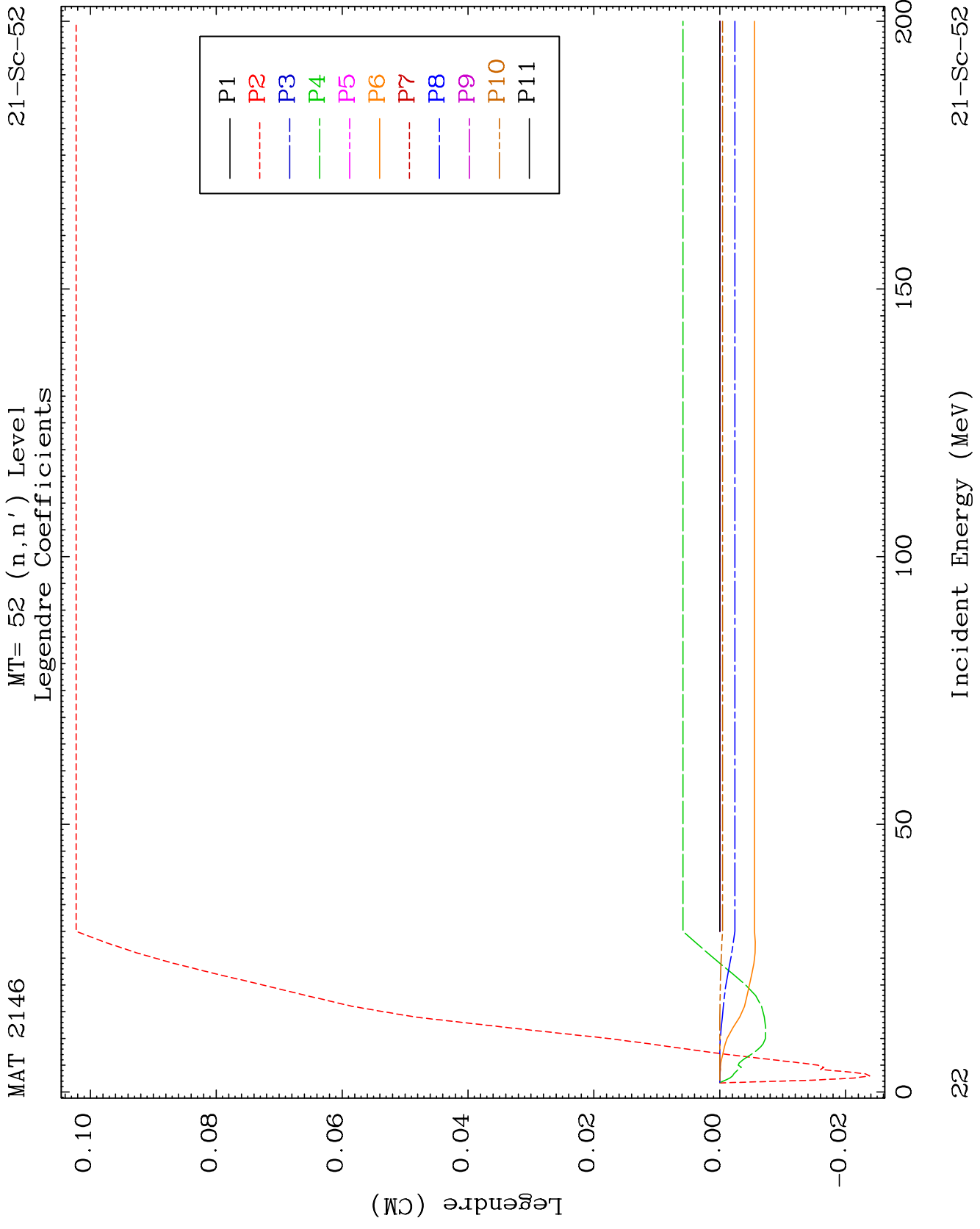
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Incident Energy (MeV)

21-Sc-52



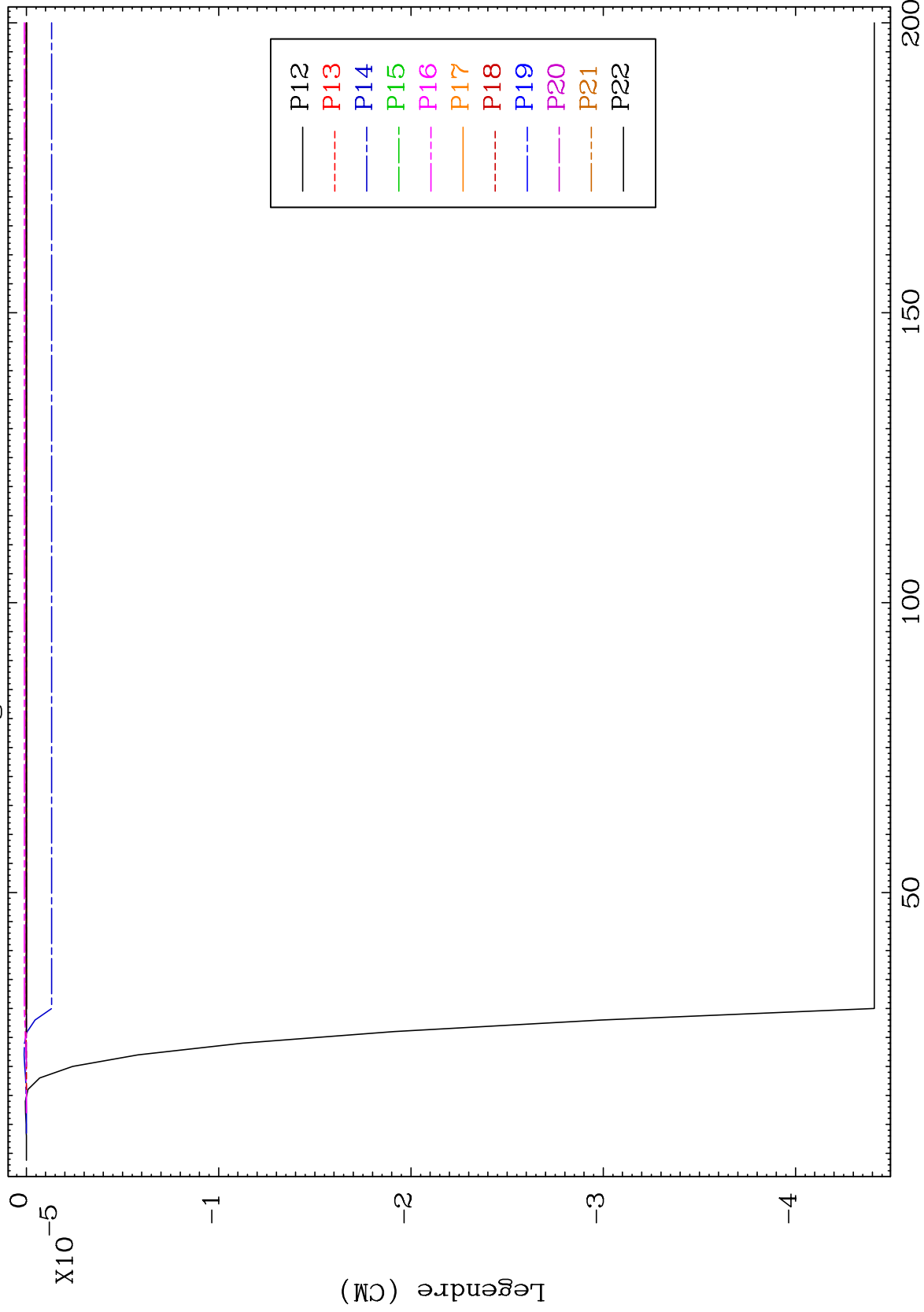




MAT 2146

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

21-Sc-52



23

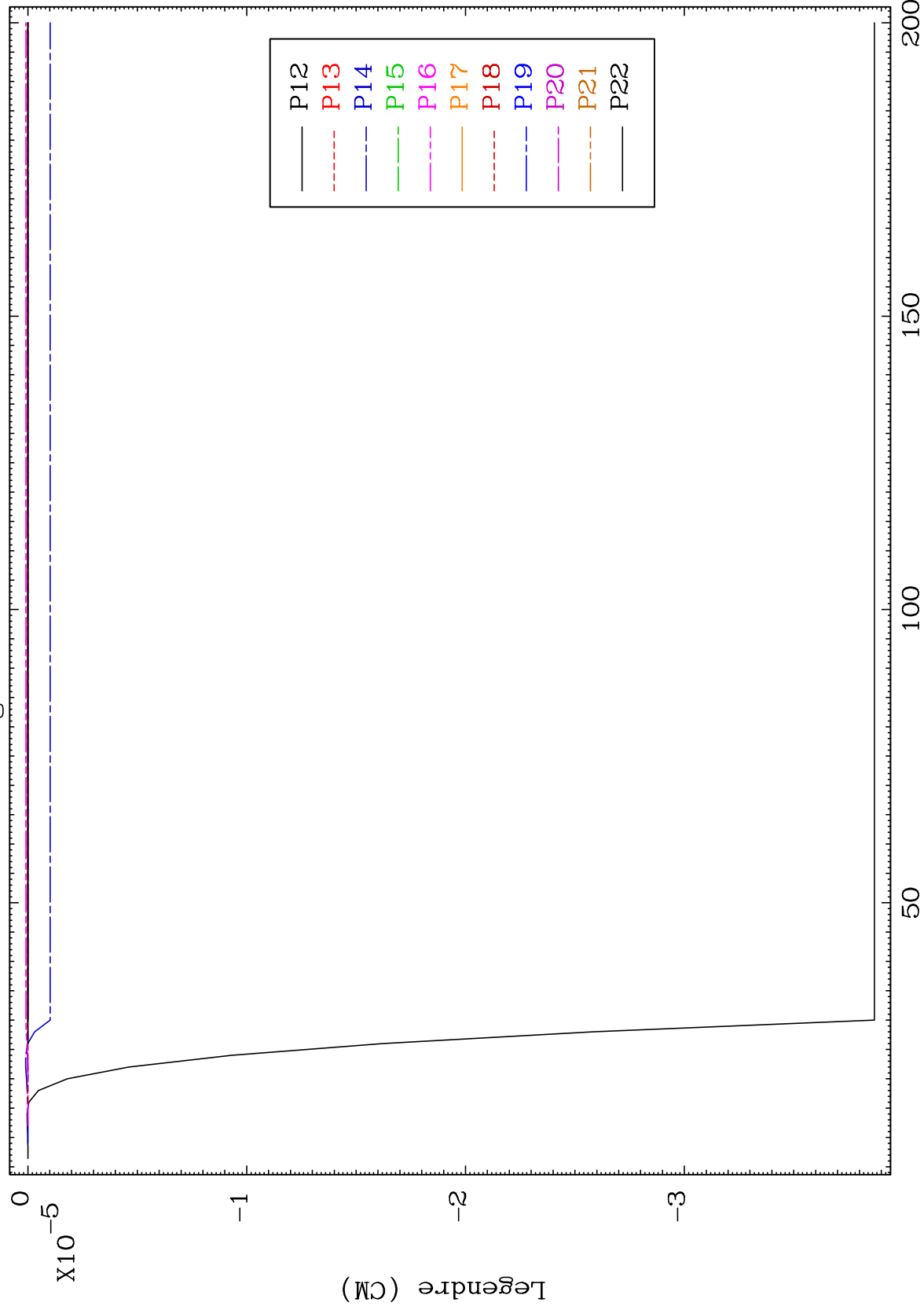
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



25

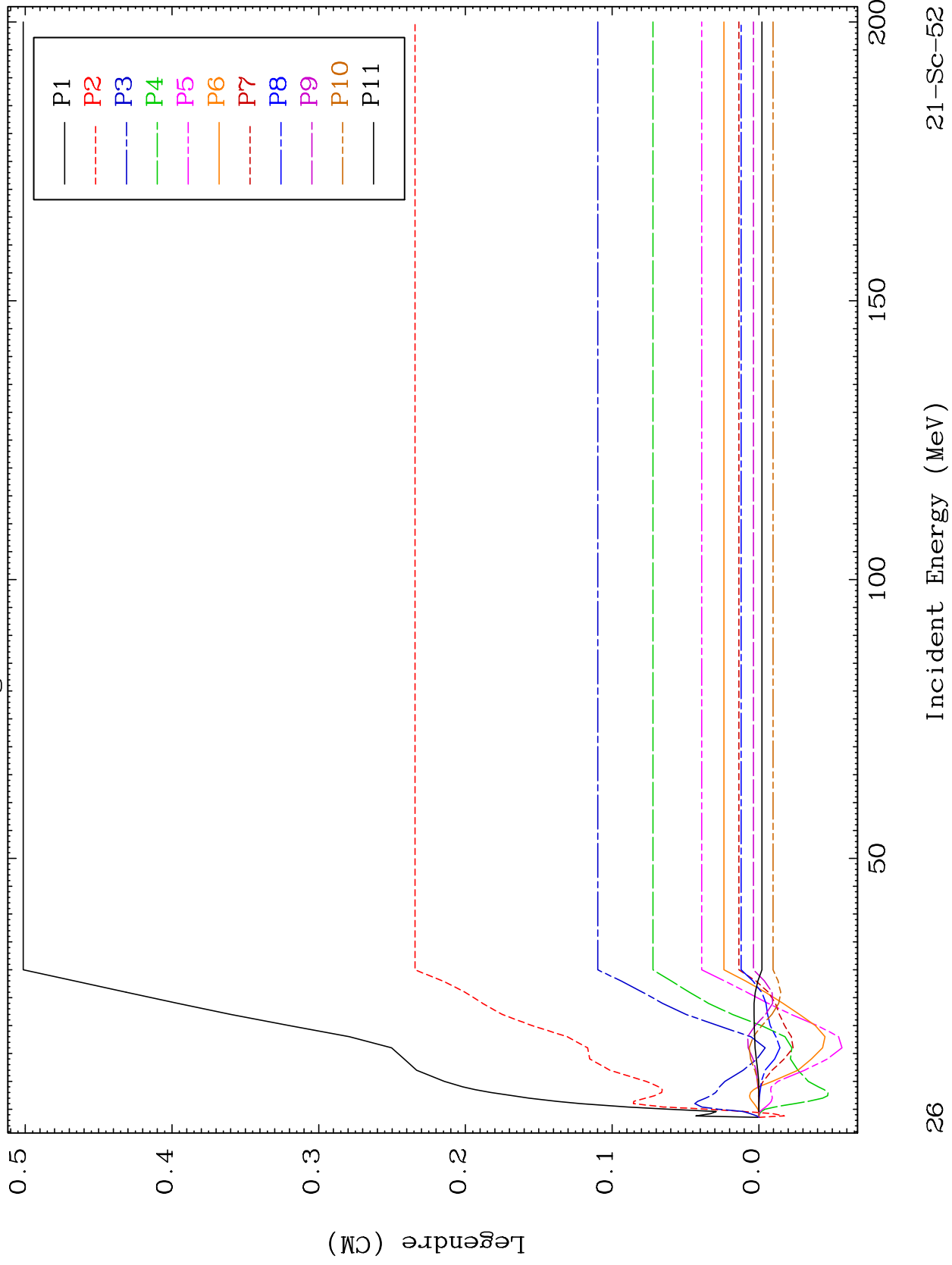
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



26

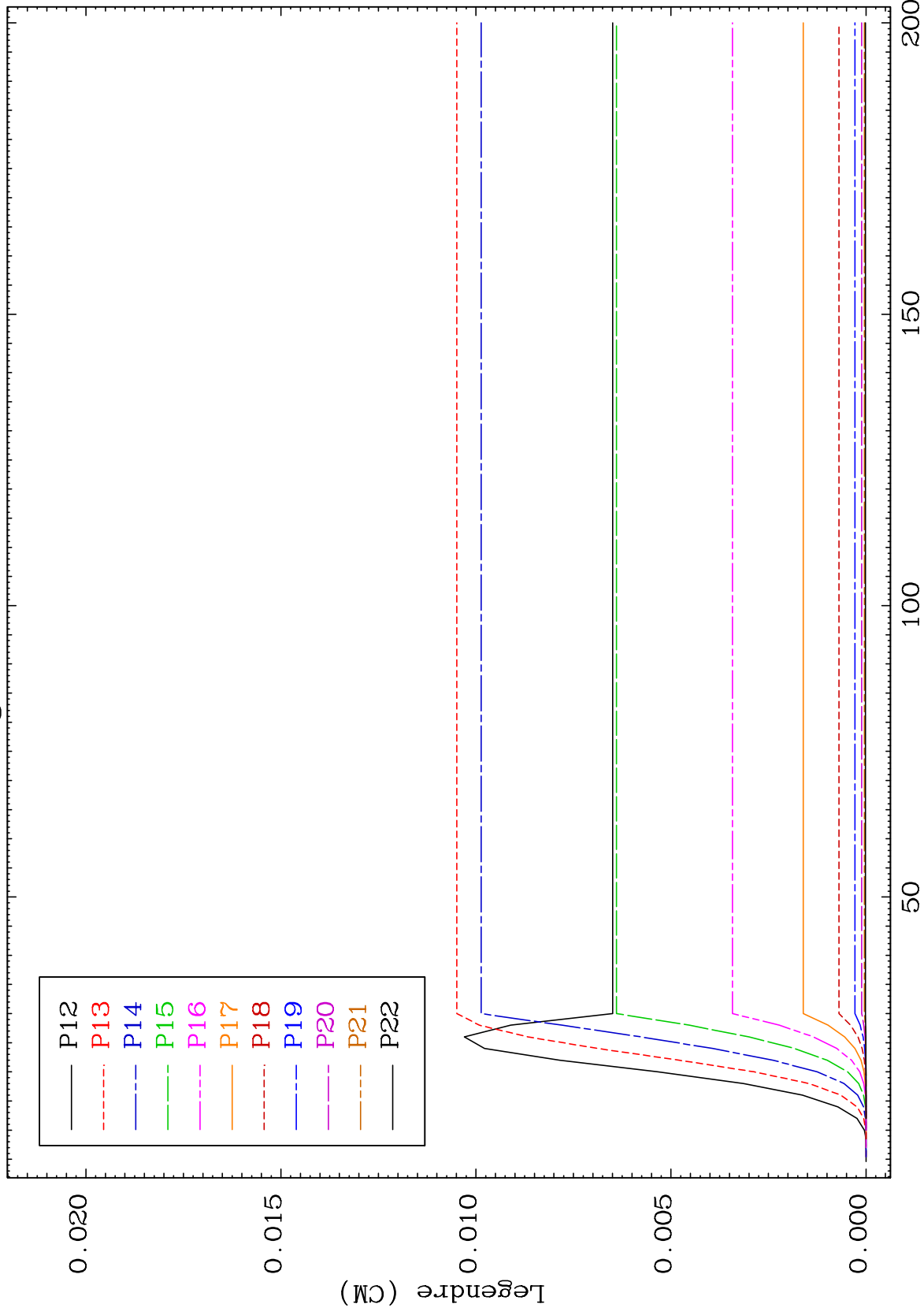
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



27

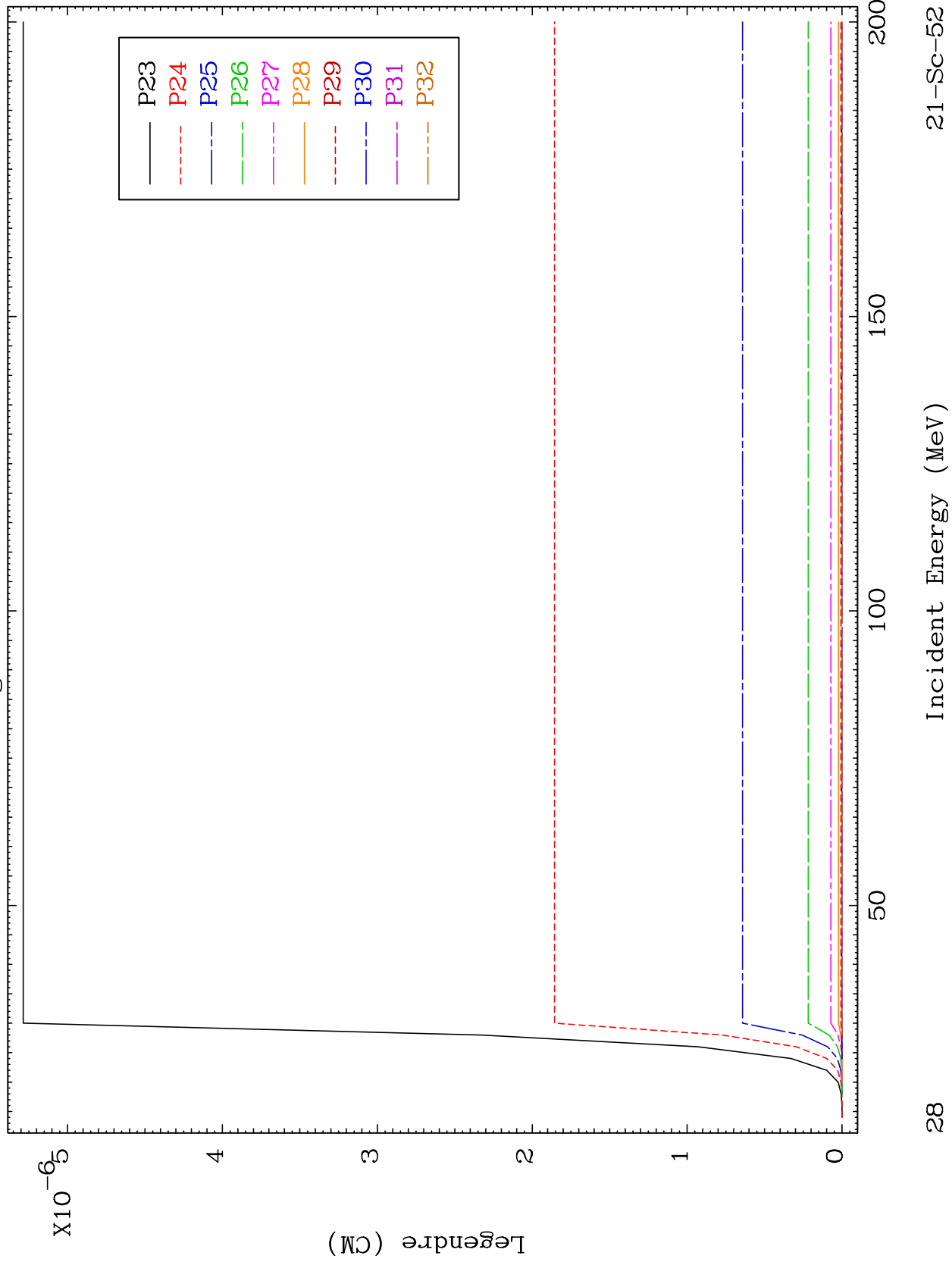
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

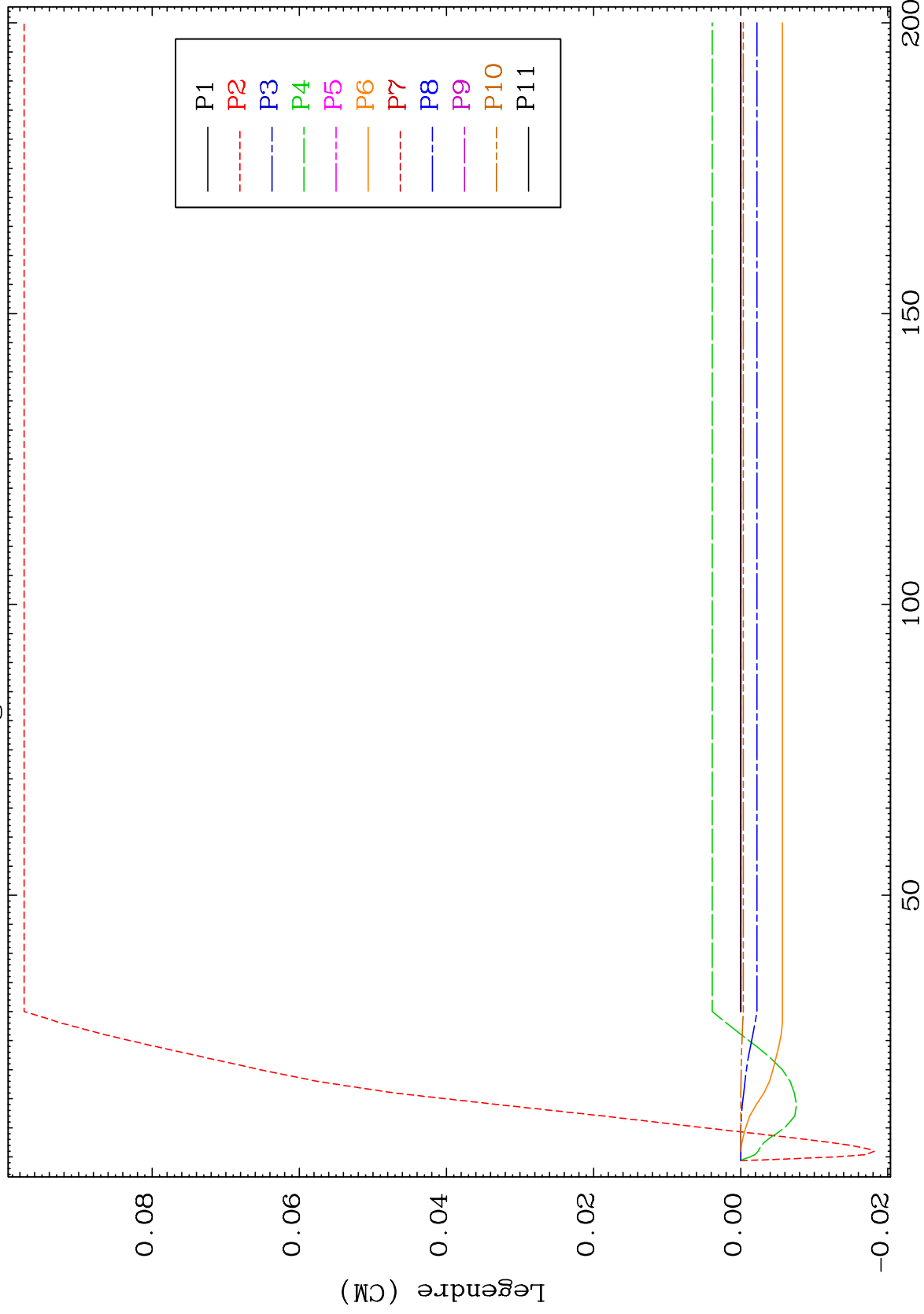
21-Sc-52



MAT 2146

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

21-Sc-52



21-Sc-52

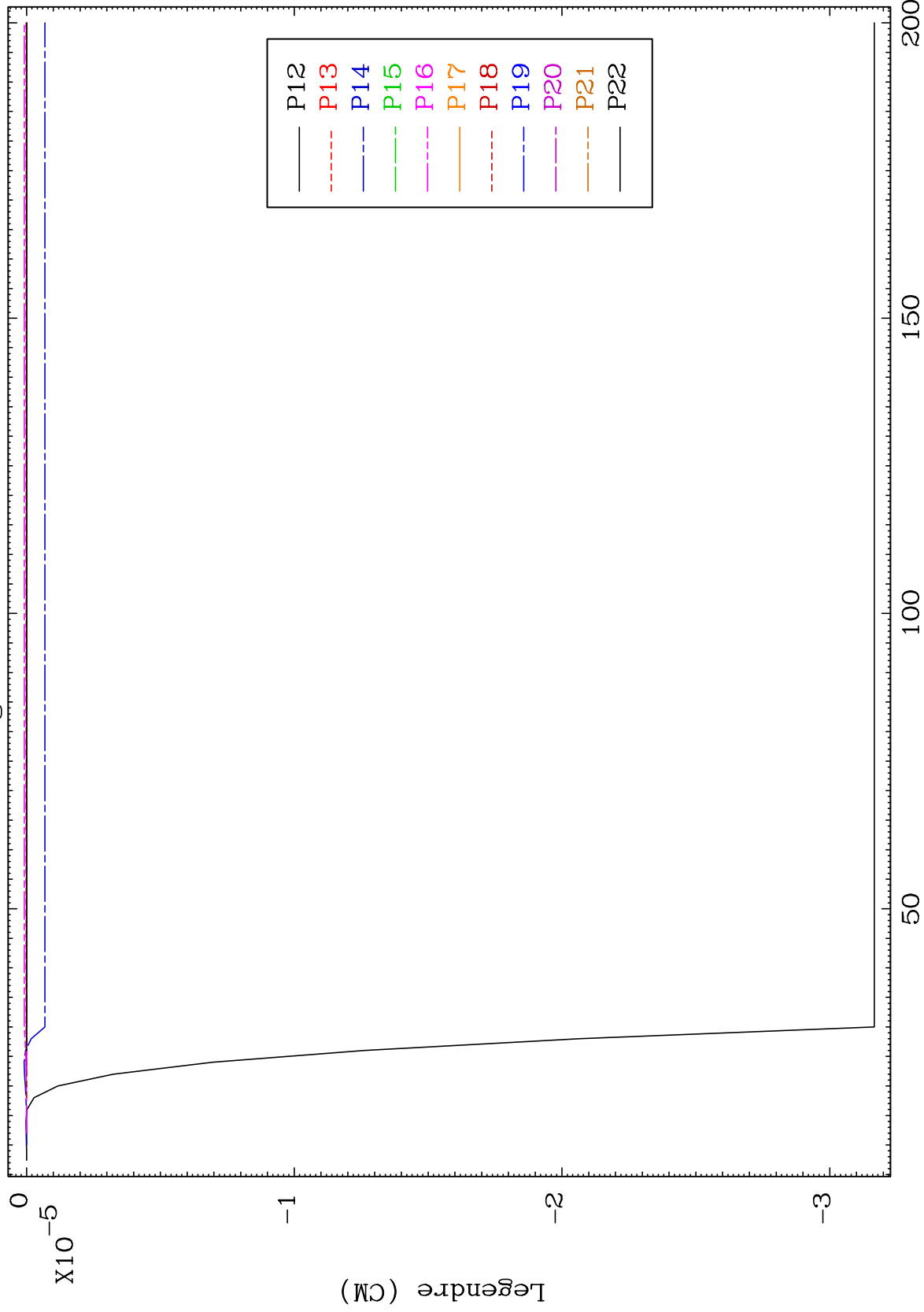
Incident Energy (MeV)

29

MAT 2146

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

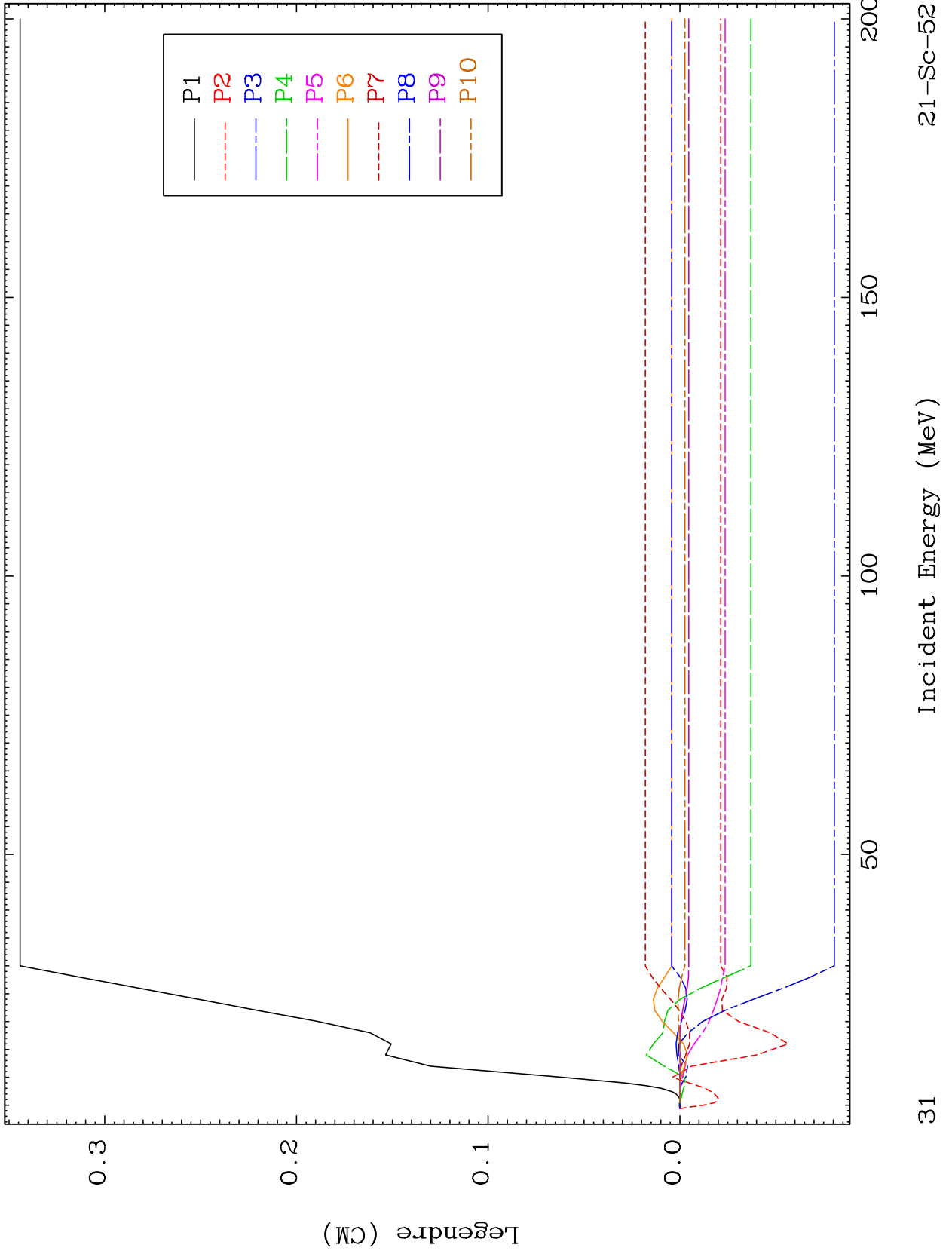
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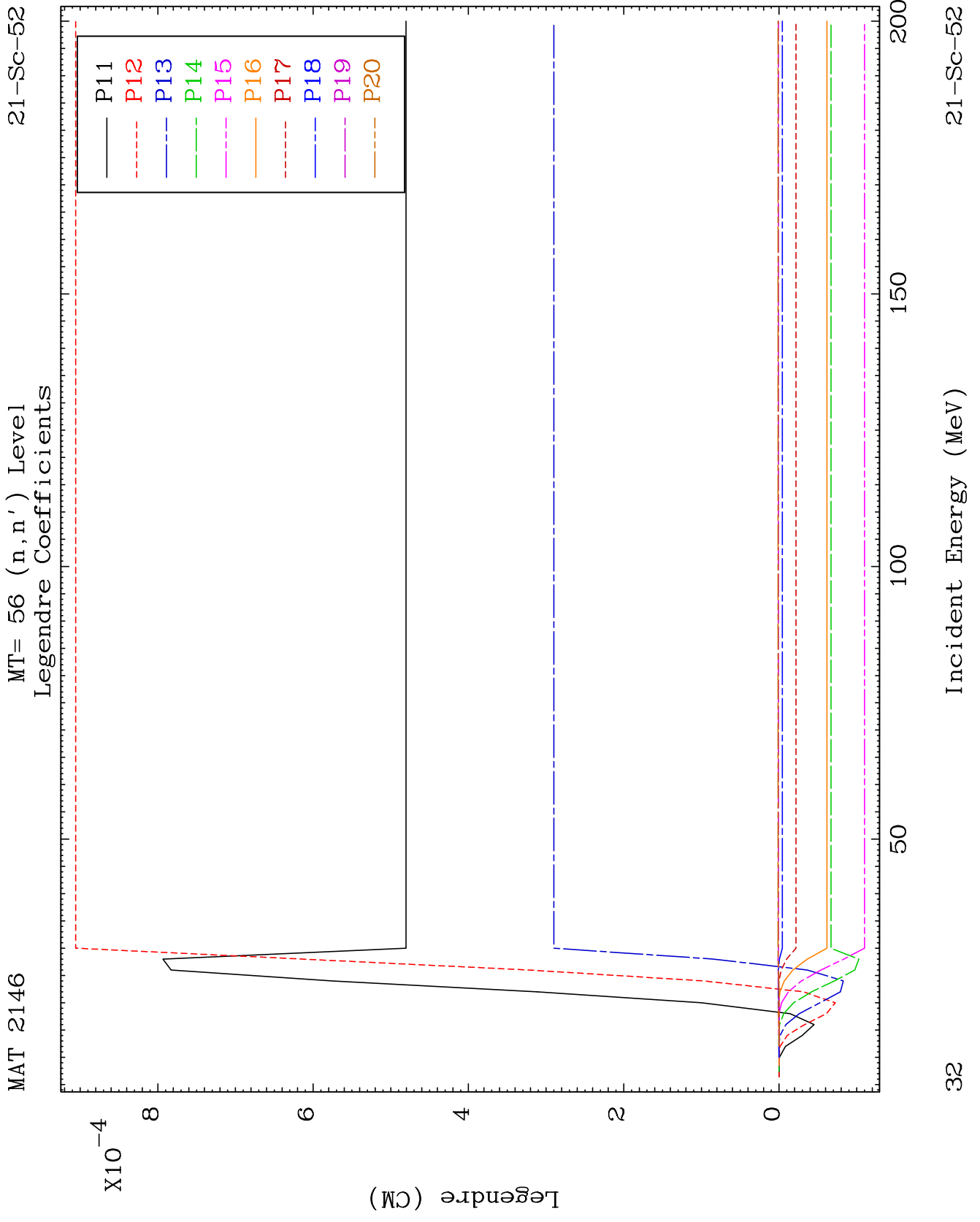


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Incident Energy (MeV)

21-Sc-52

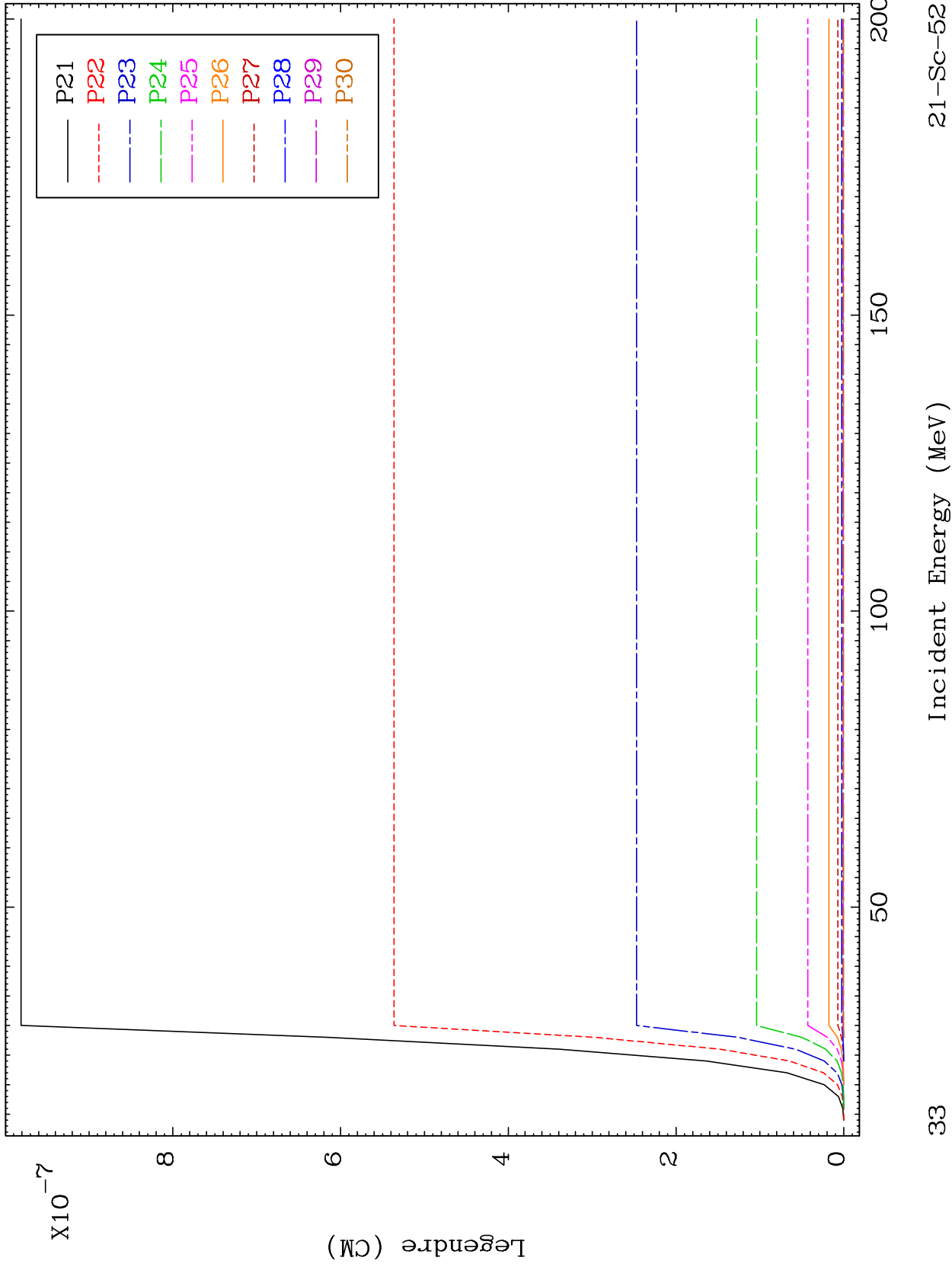




MAT 2146

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

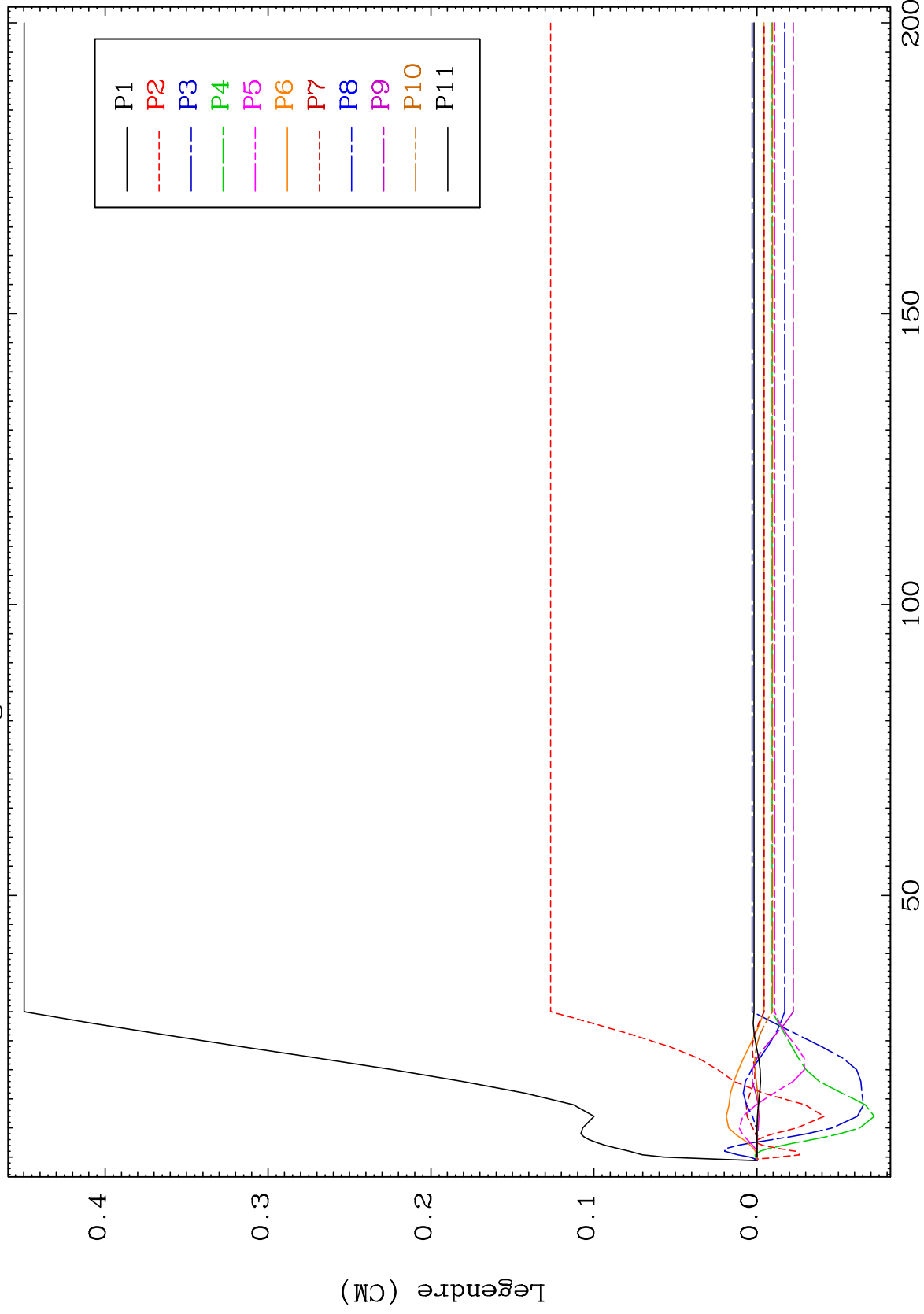
21-Sc-52



MAT 2146

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

21-Sc-52



34

Incident Energy (MeV)

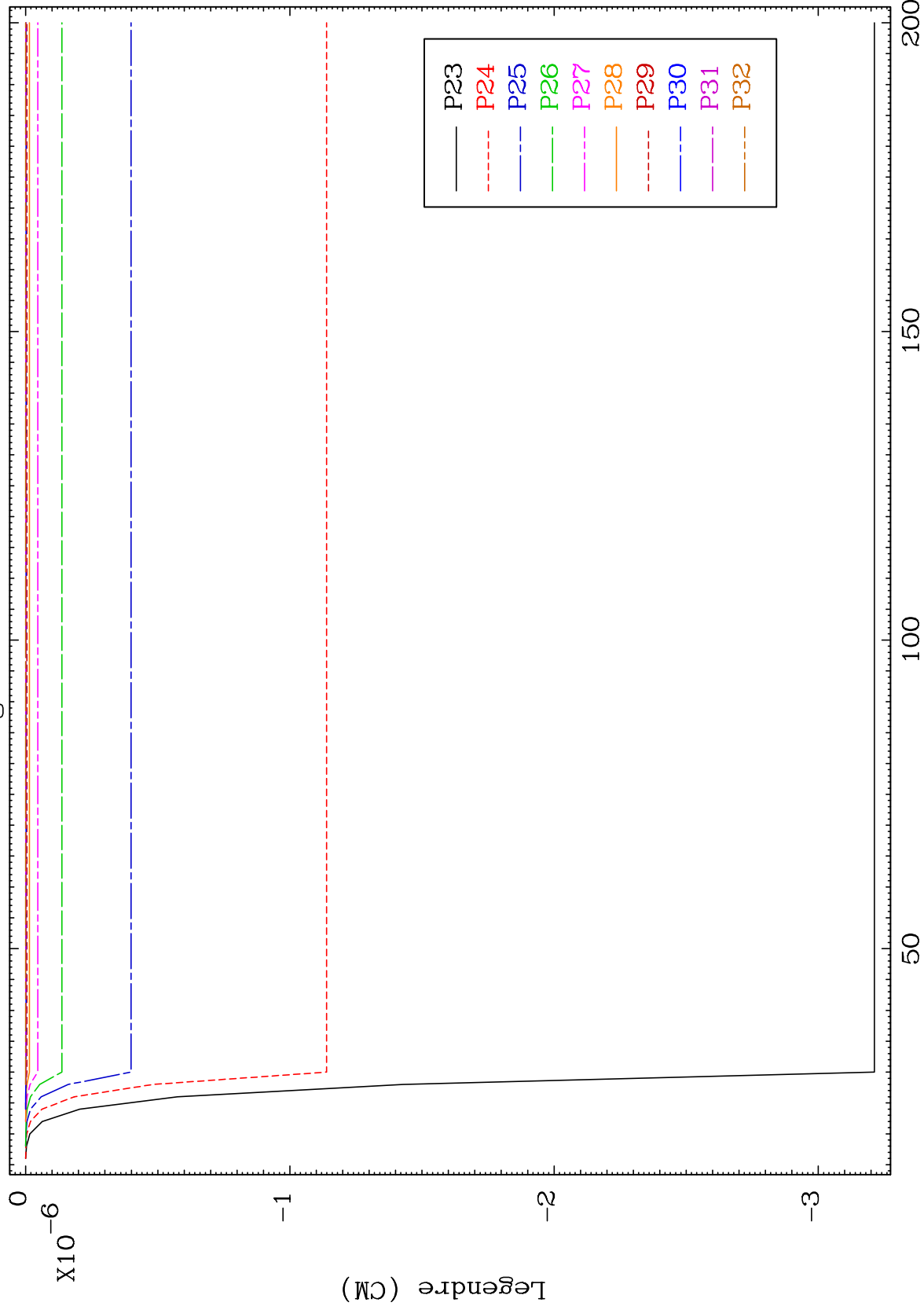
21-Sc-52

MAT 2146

MT= 57 (n,n') Level

21-Sc-52

Legendre Coefficients



36

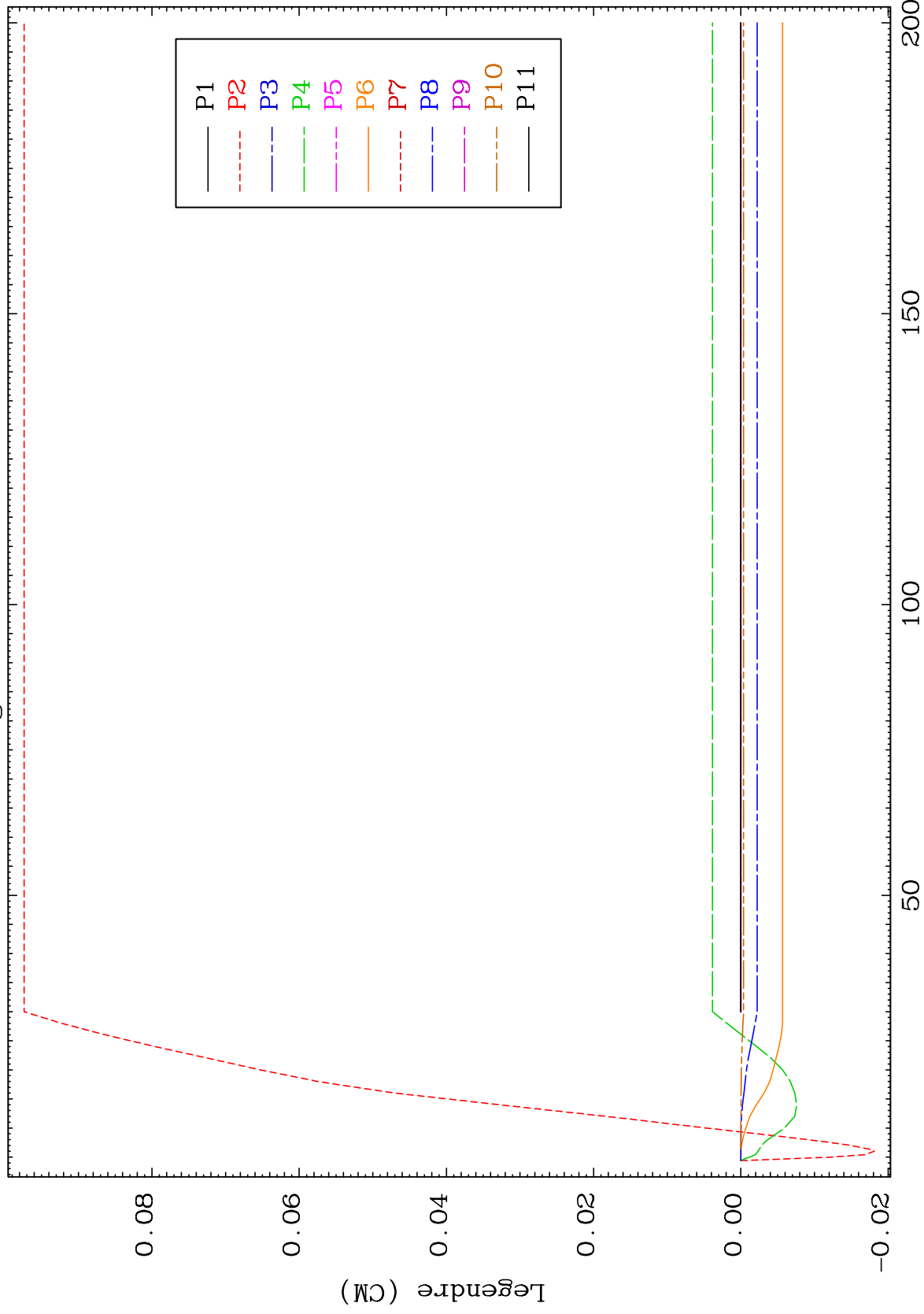
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



37

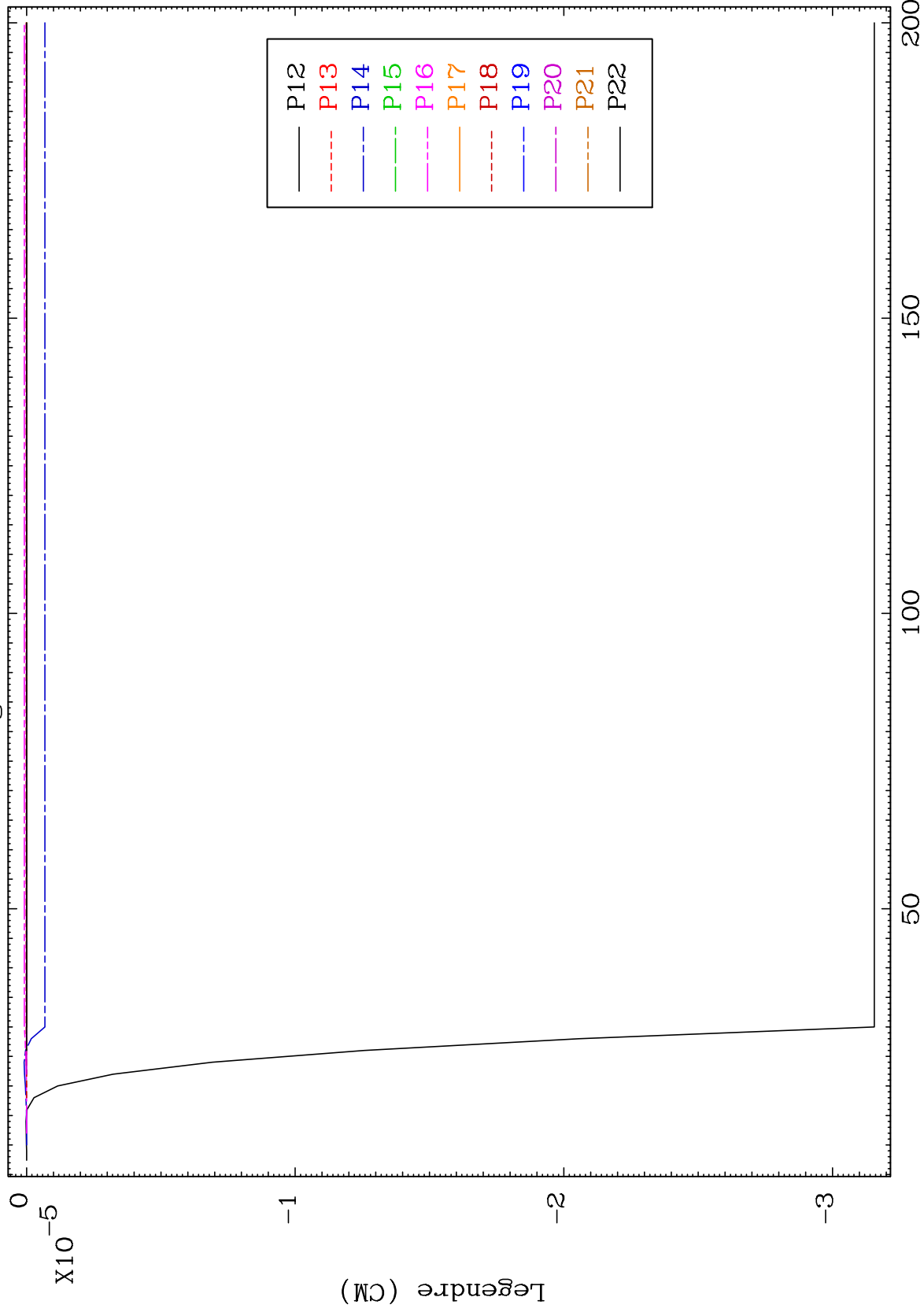
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

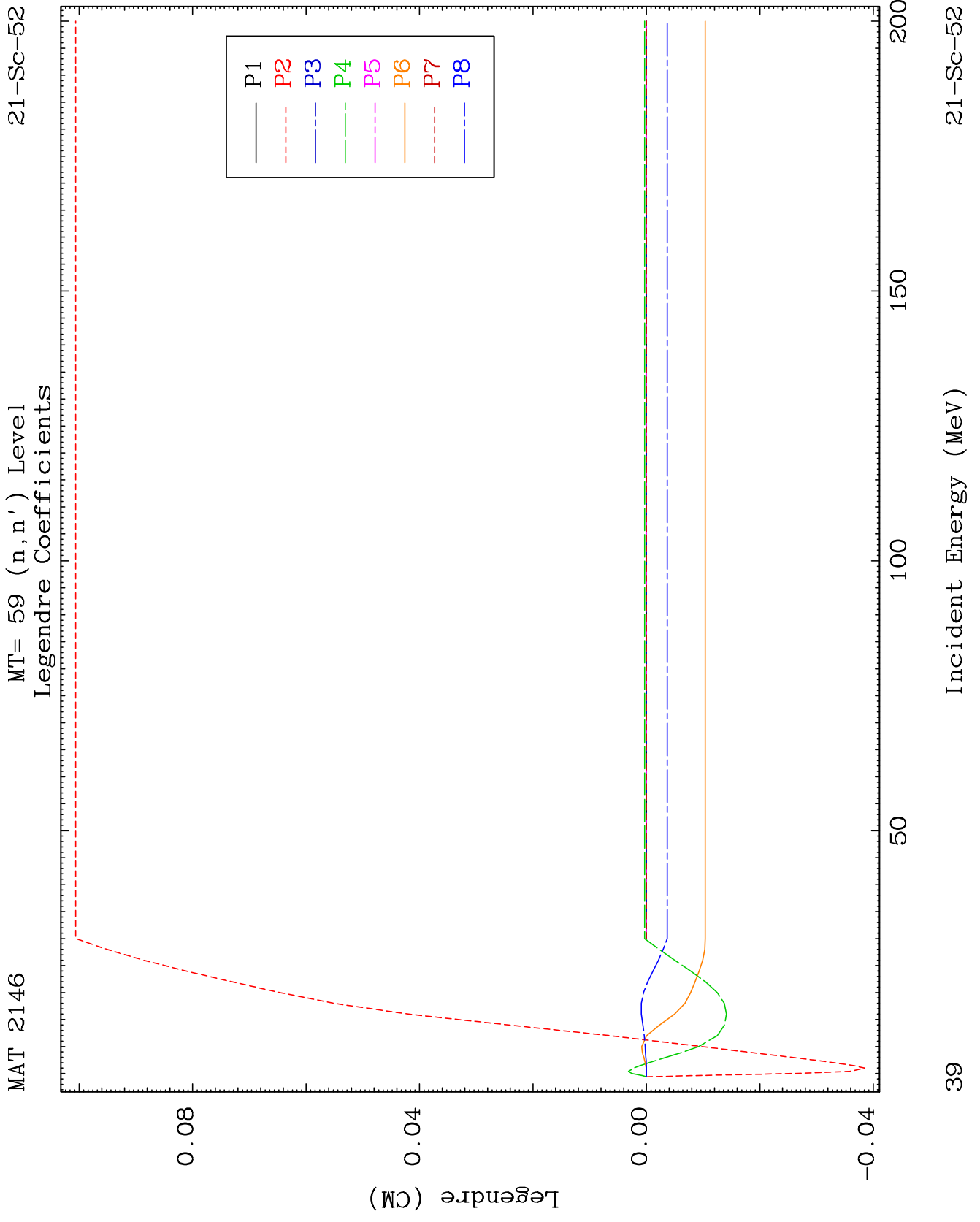
21-Sc-52



38

Incident Energy (MeV)

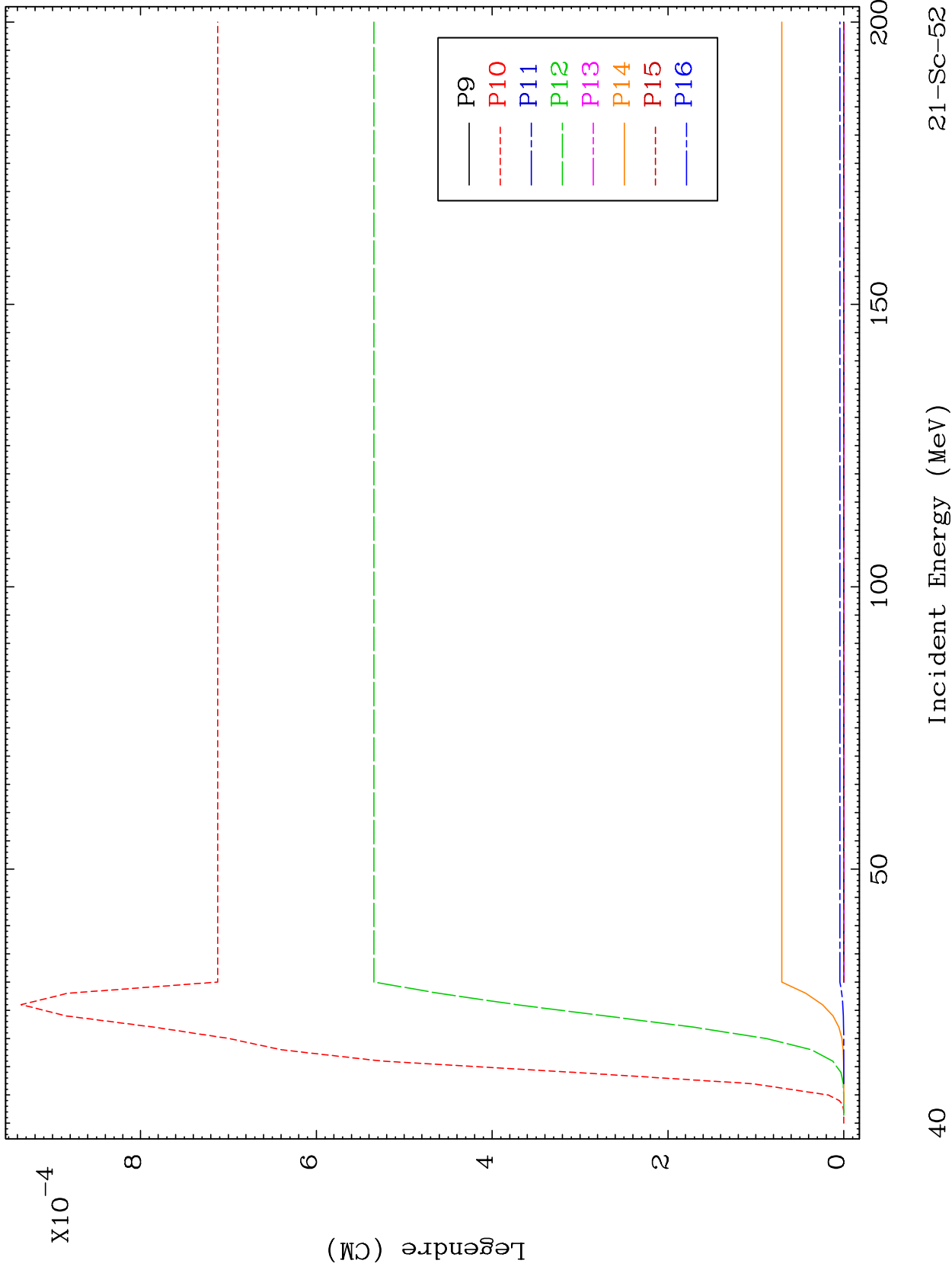
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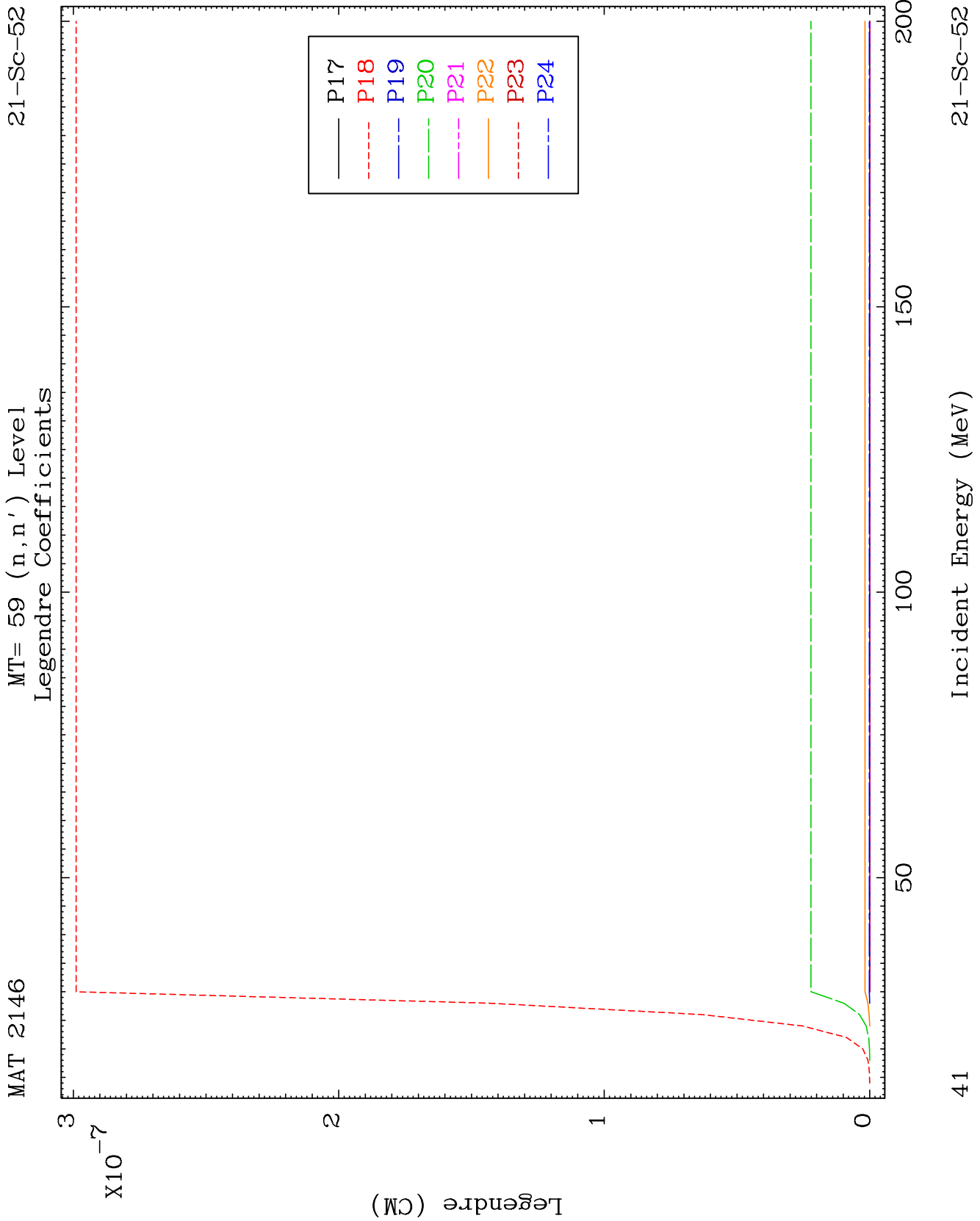
MAT 2146

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

21-Sc-52



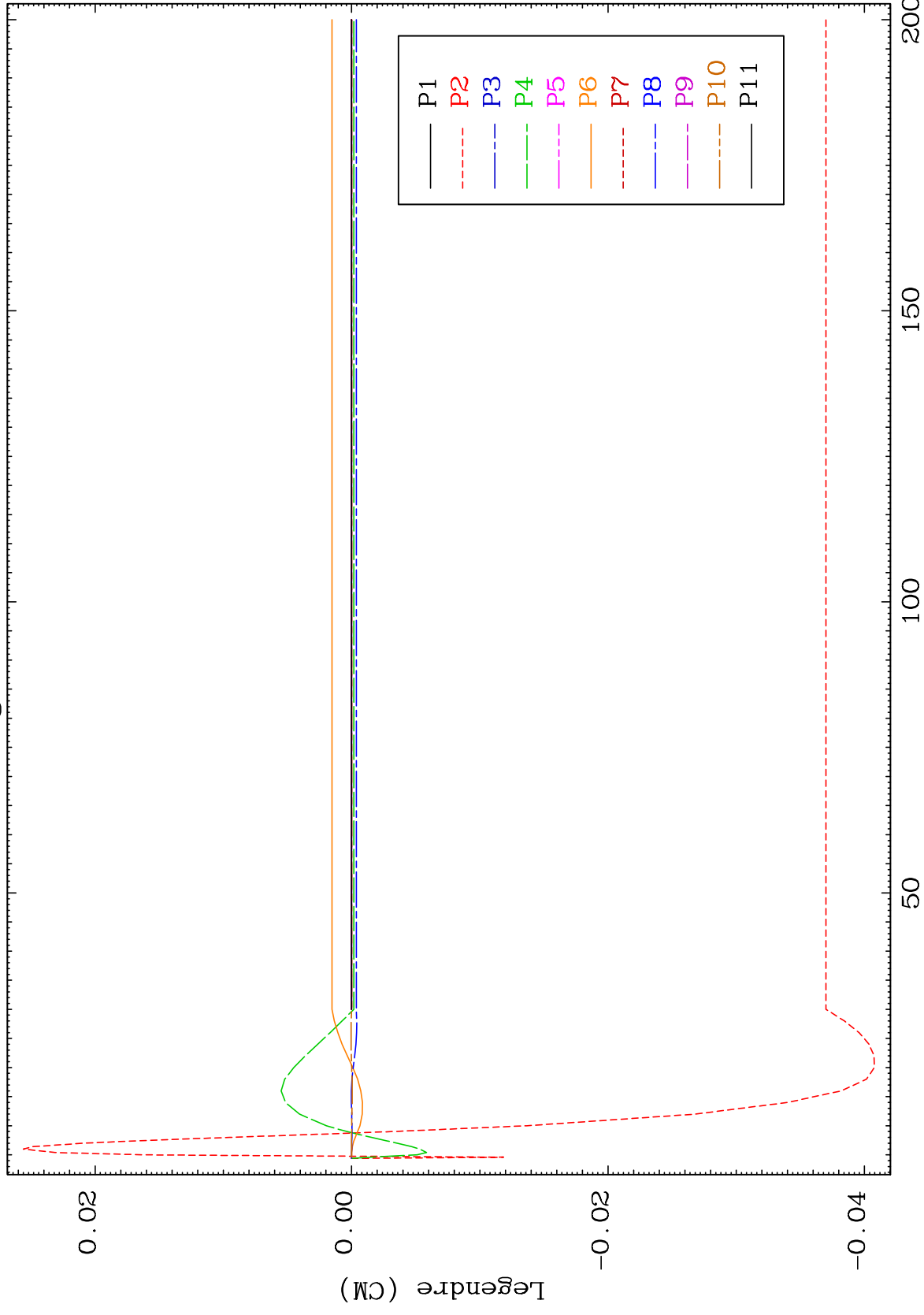
21-Sc-52



MAT 2146

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

21-Sc-52



42

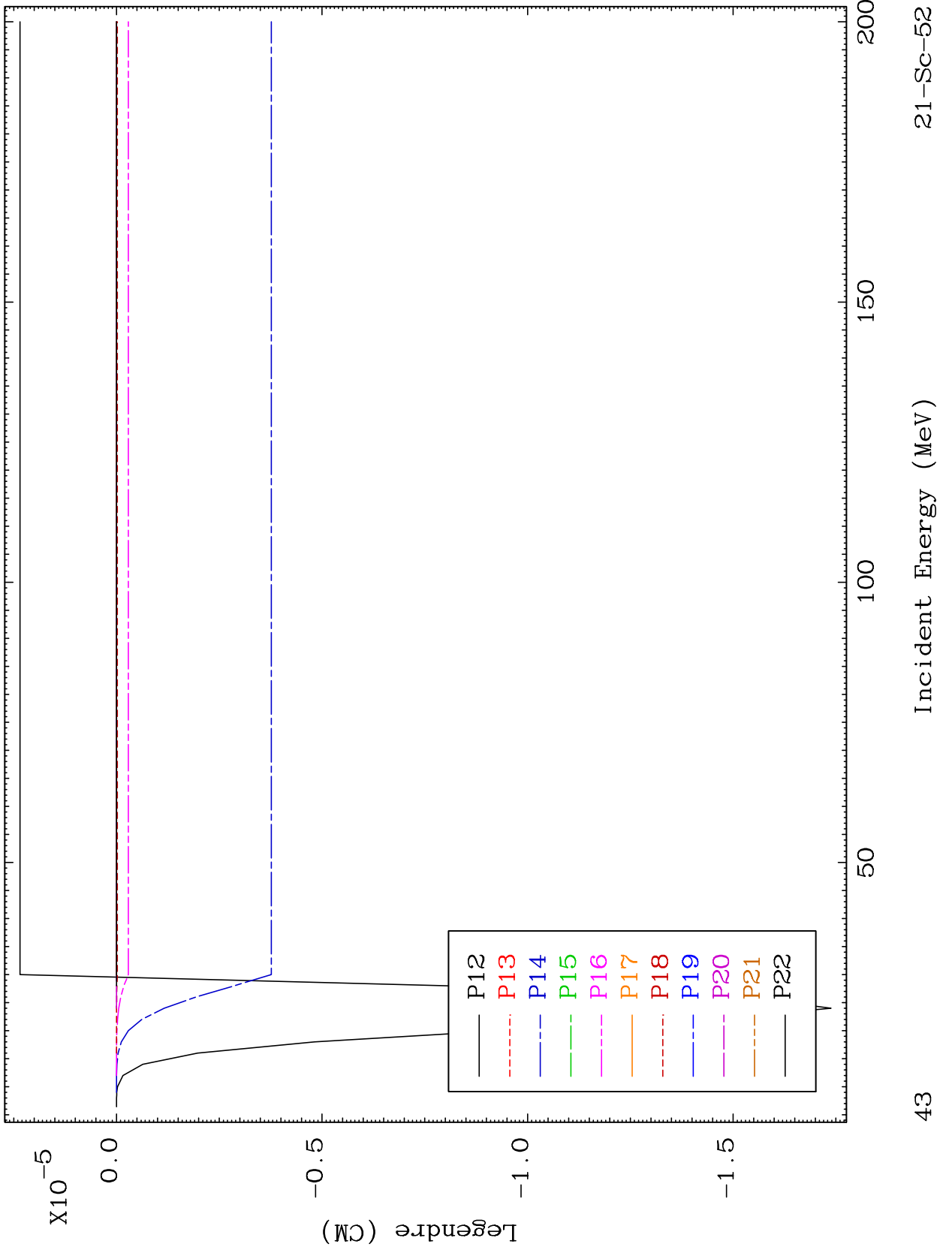
Incident Energy (MeV)

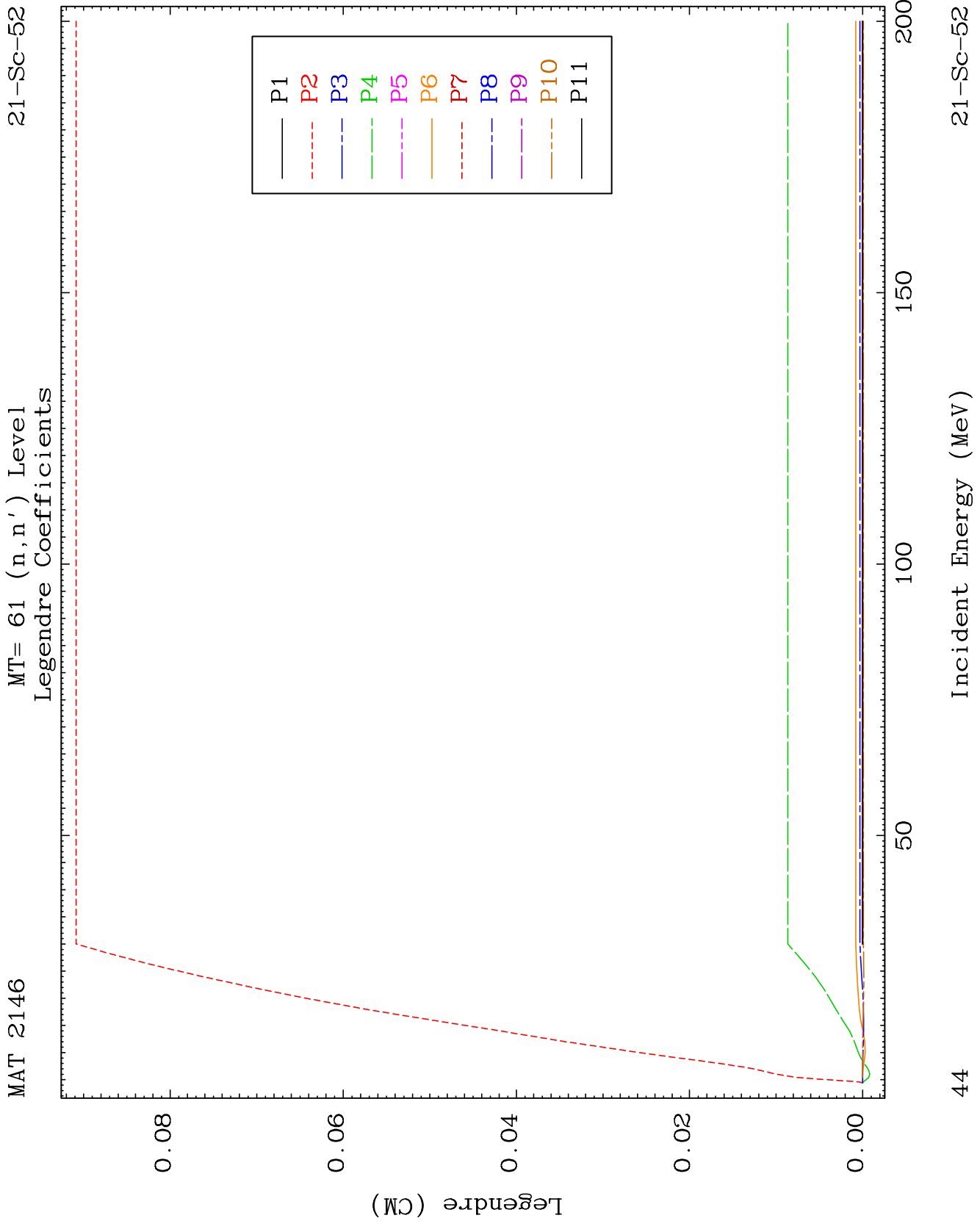
21-Sc-52

MAT 2146

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

21-Sc-52

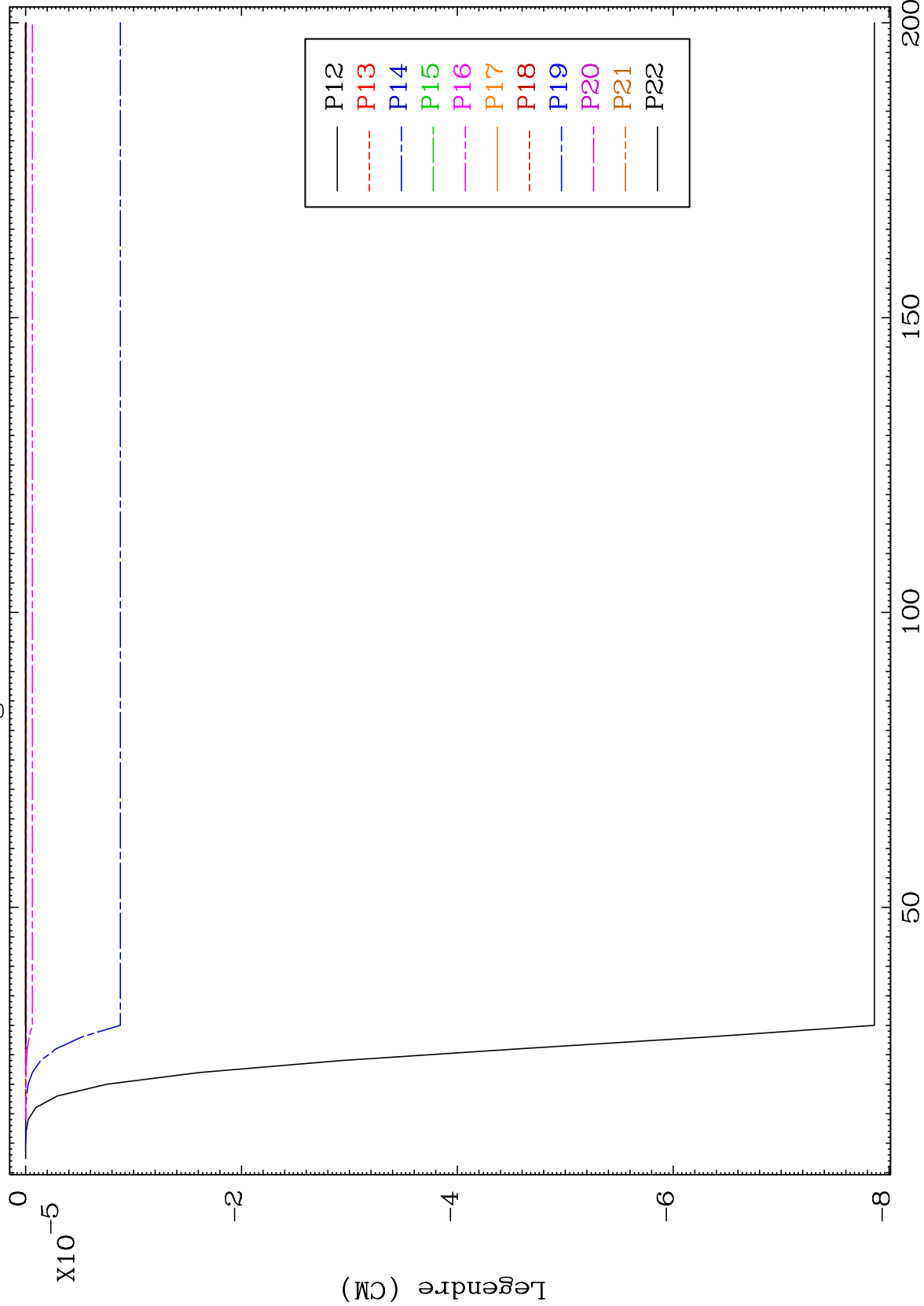




MAT 2146

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

21-Sc-52



45

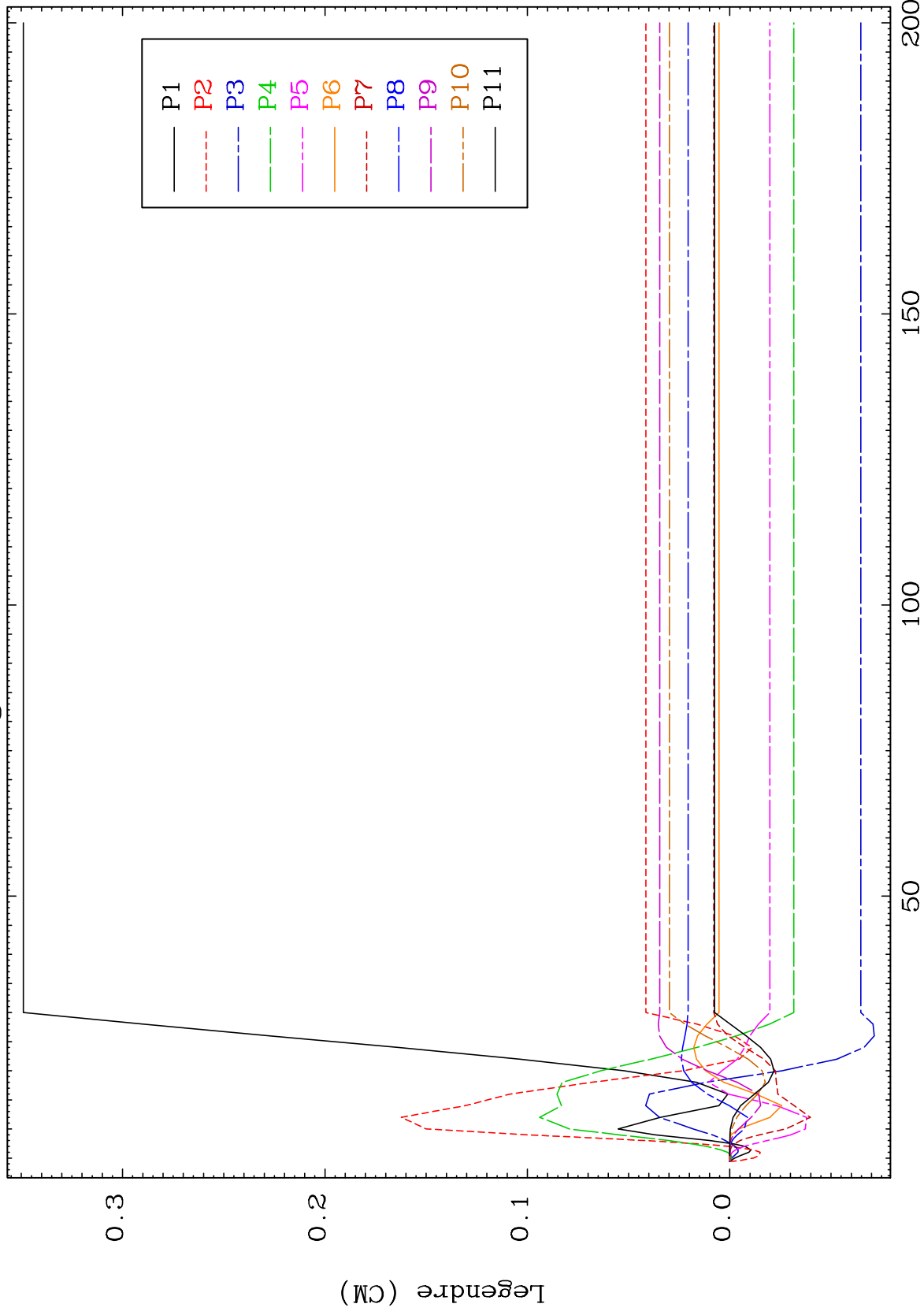
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



46

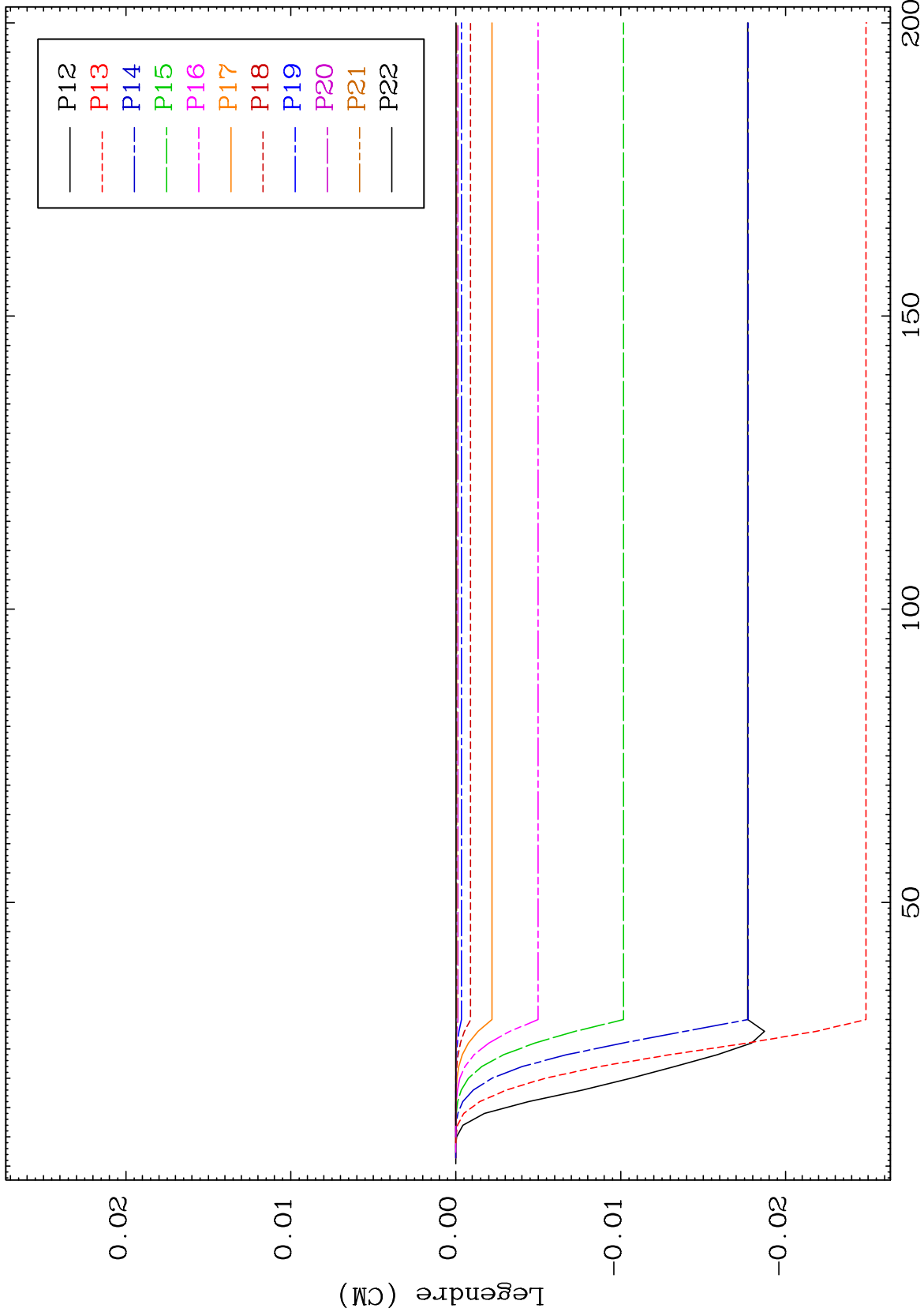
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

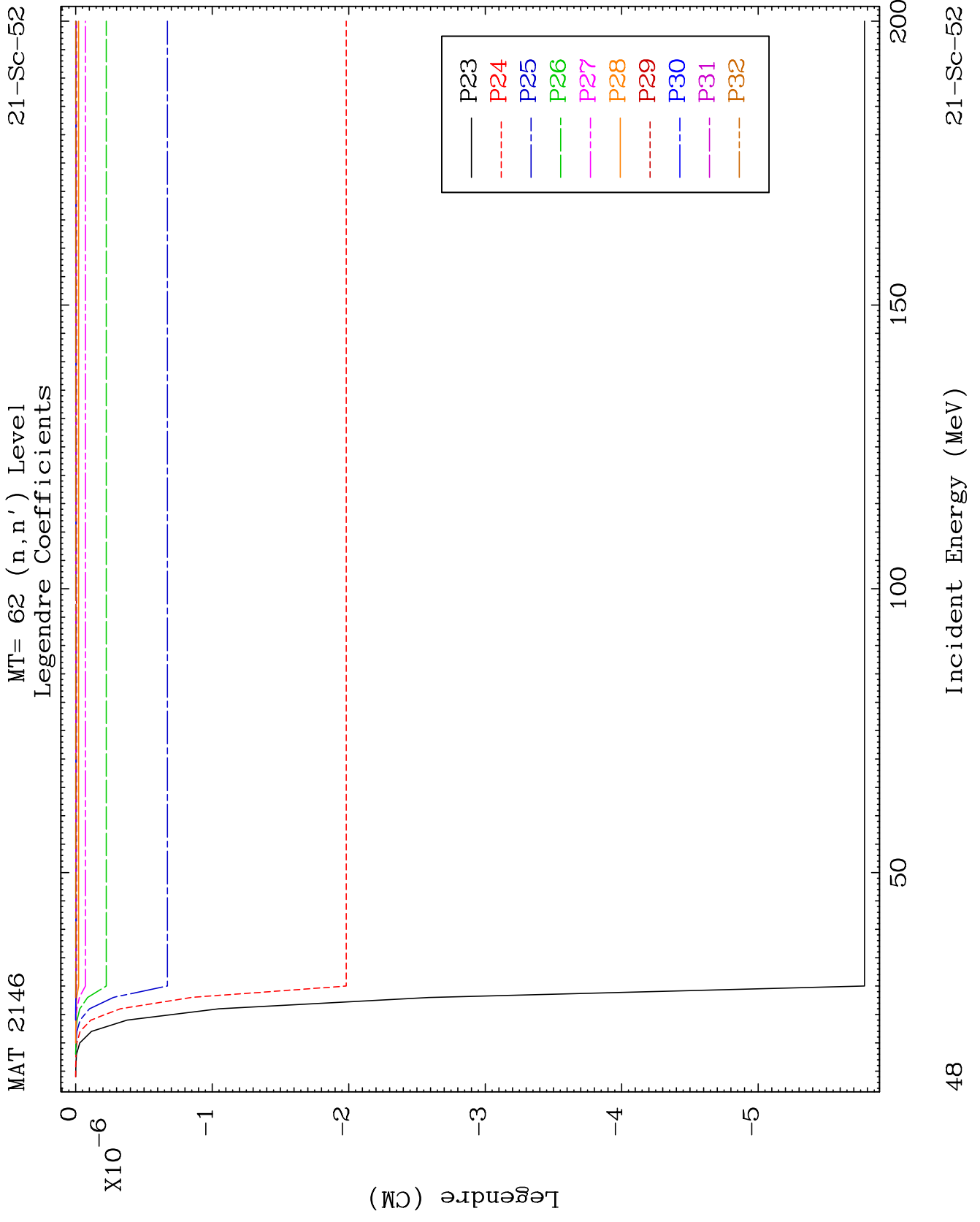
21-Sc-52



47

Incident Energy (MeV)

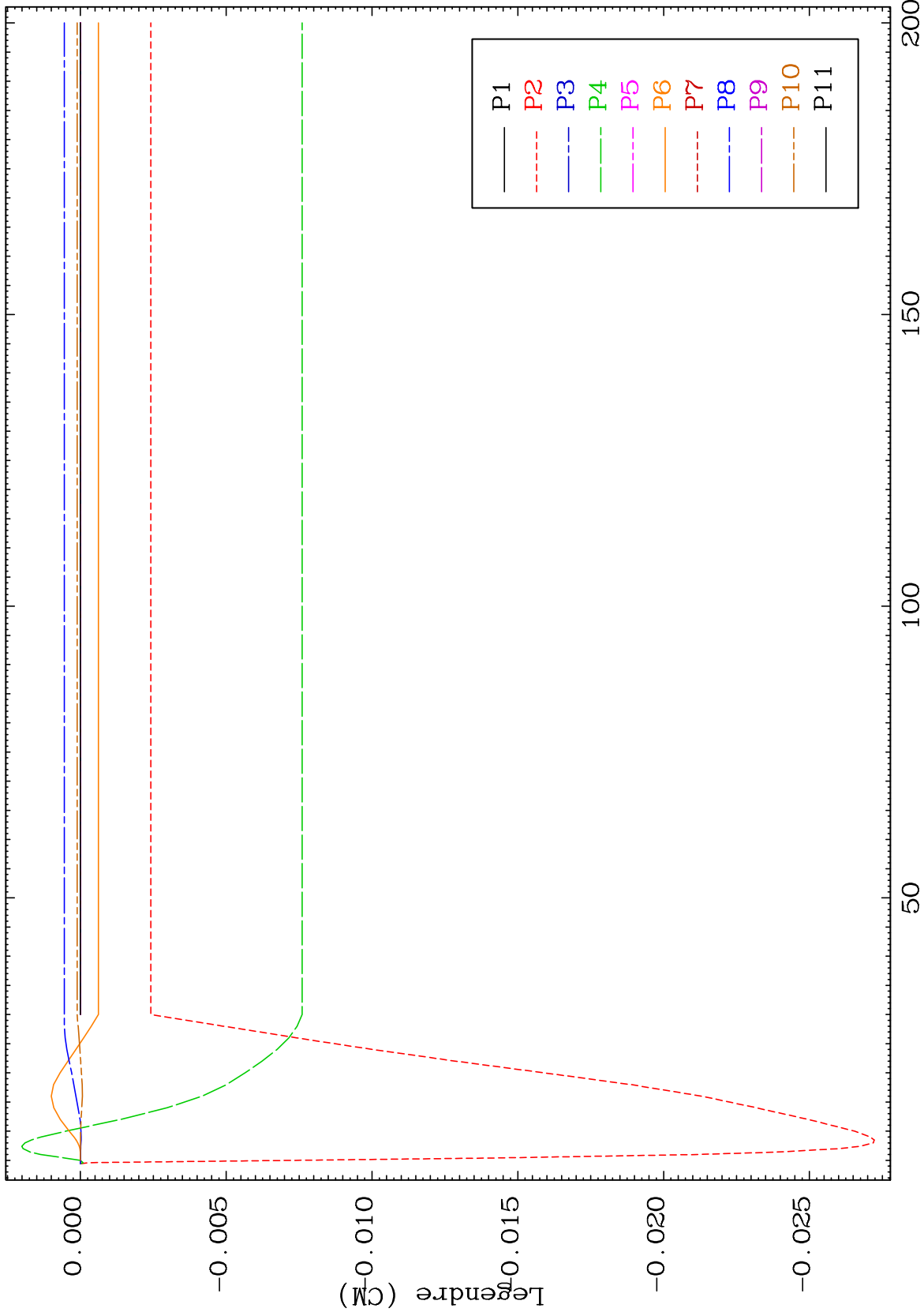
21-Sc-52



MAT 2146

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

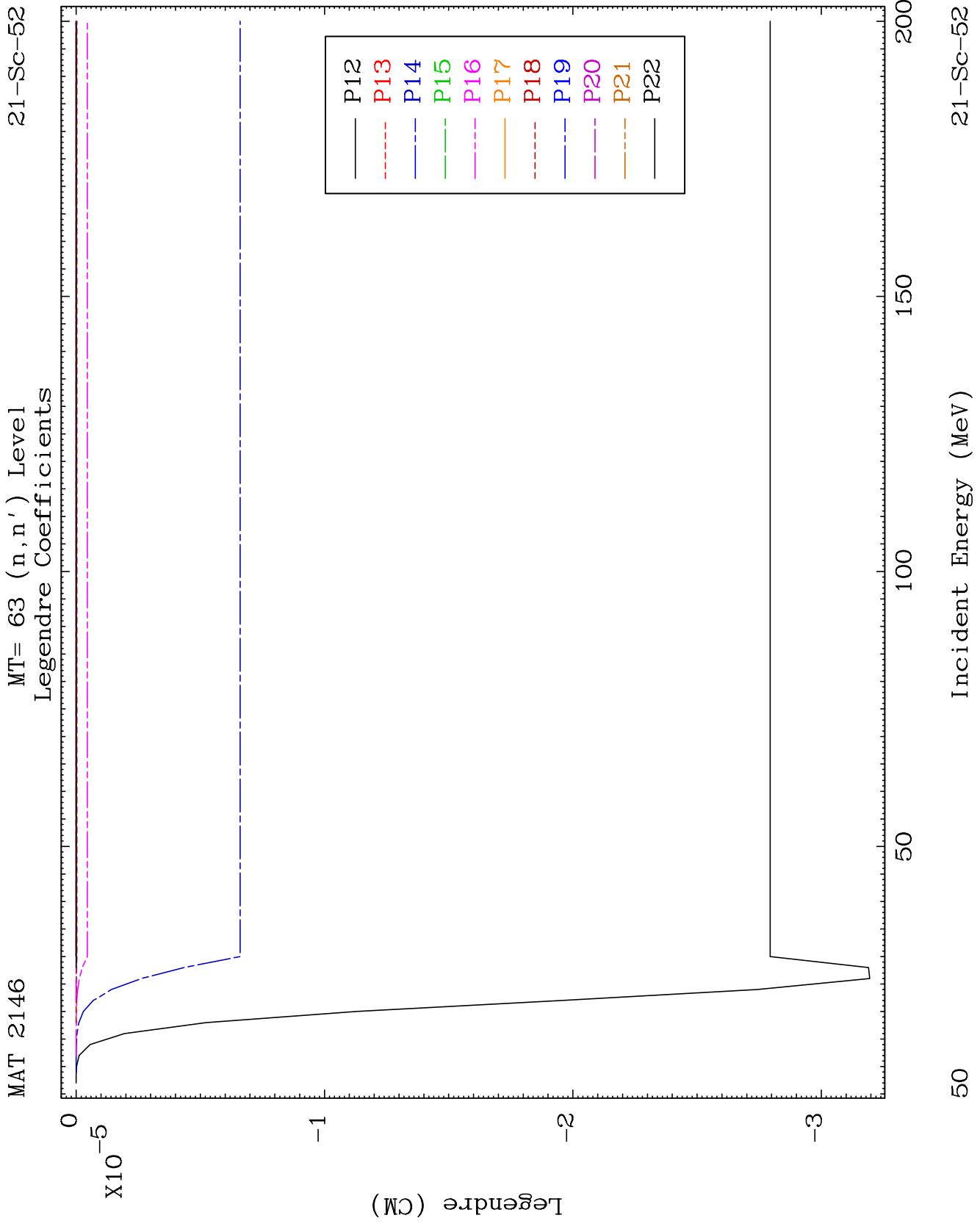
21-Sc-52



49

Incident Energy (MeV)

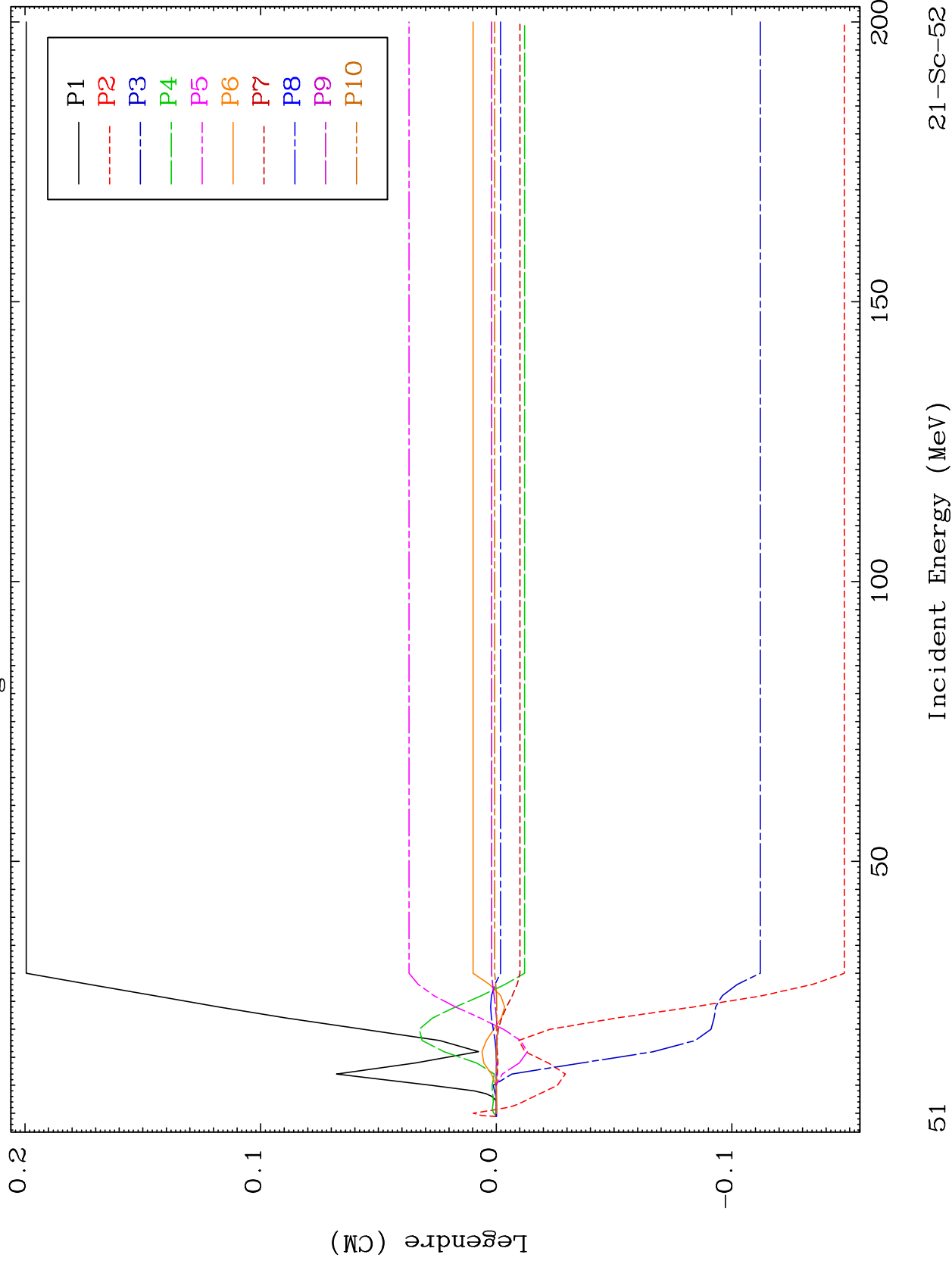
21-Sc-52



MAT 2146

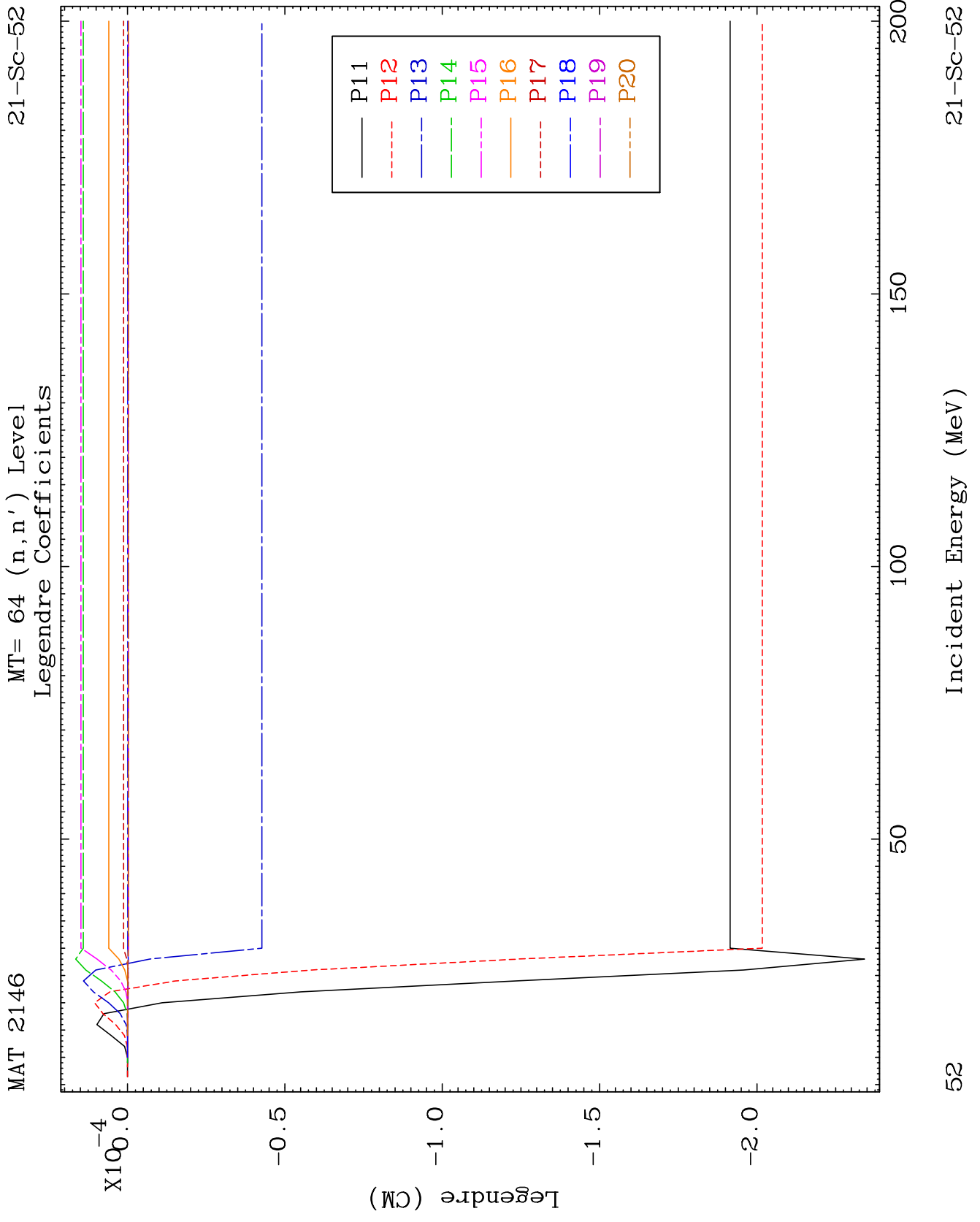
MT= 64 (n,n') Level
Legendre Coefficients

21-Sc-52



51

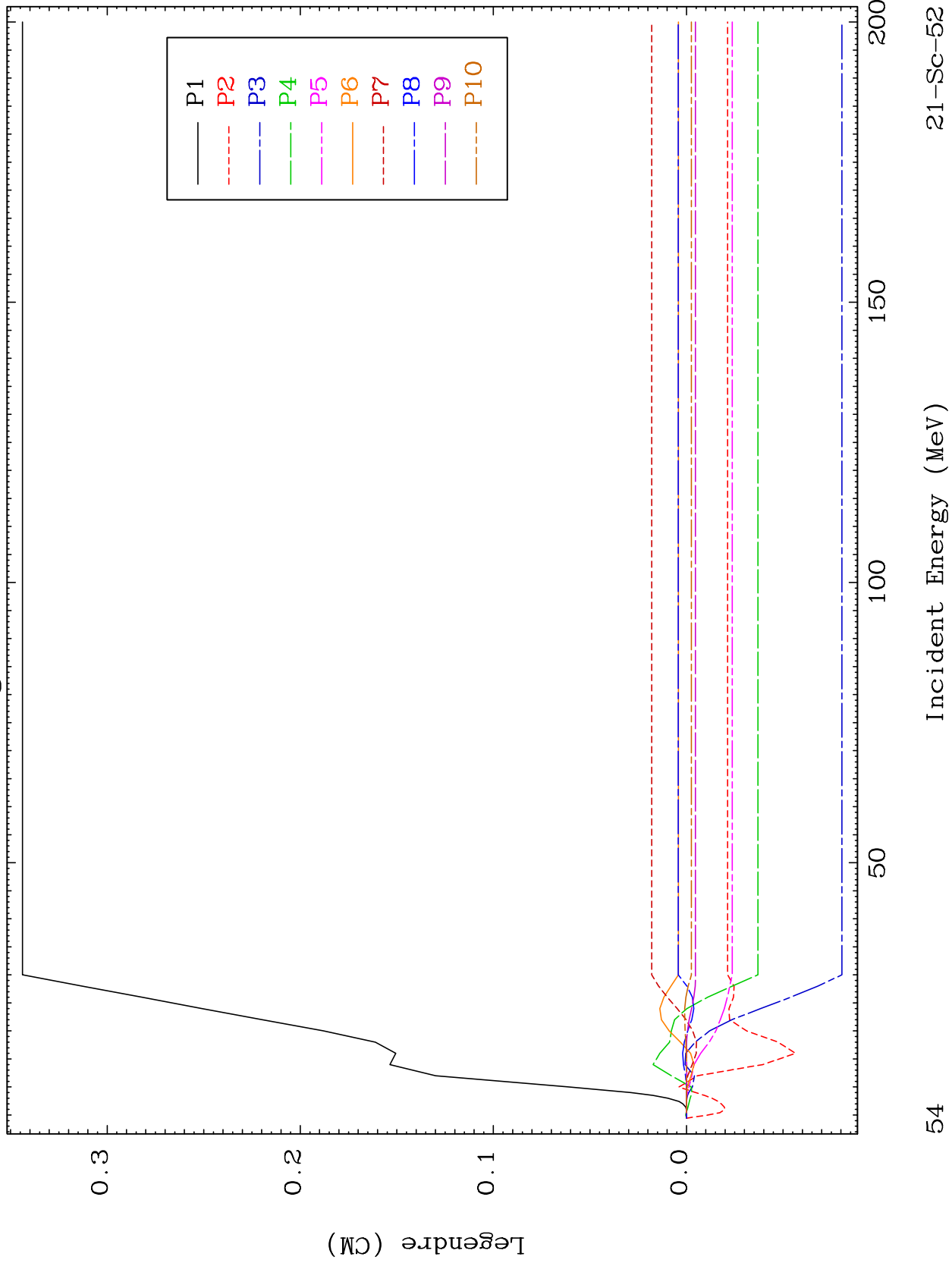
21-Sc-52



MAT 2146

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

21-Sc-52



54

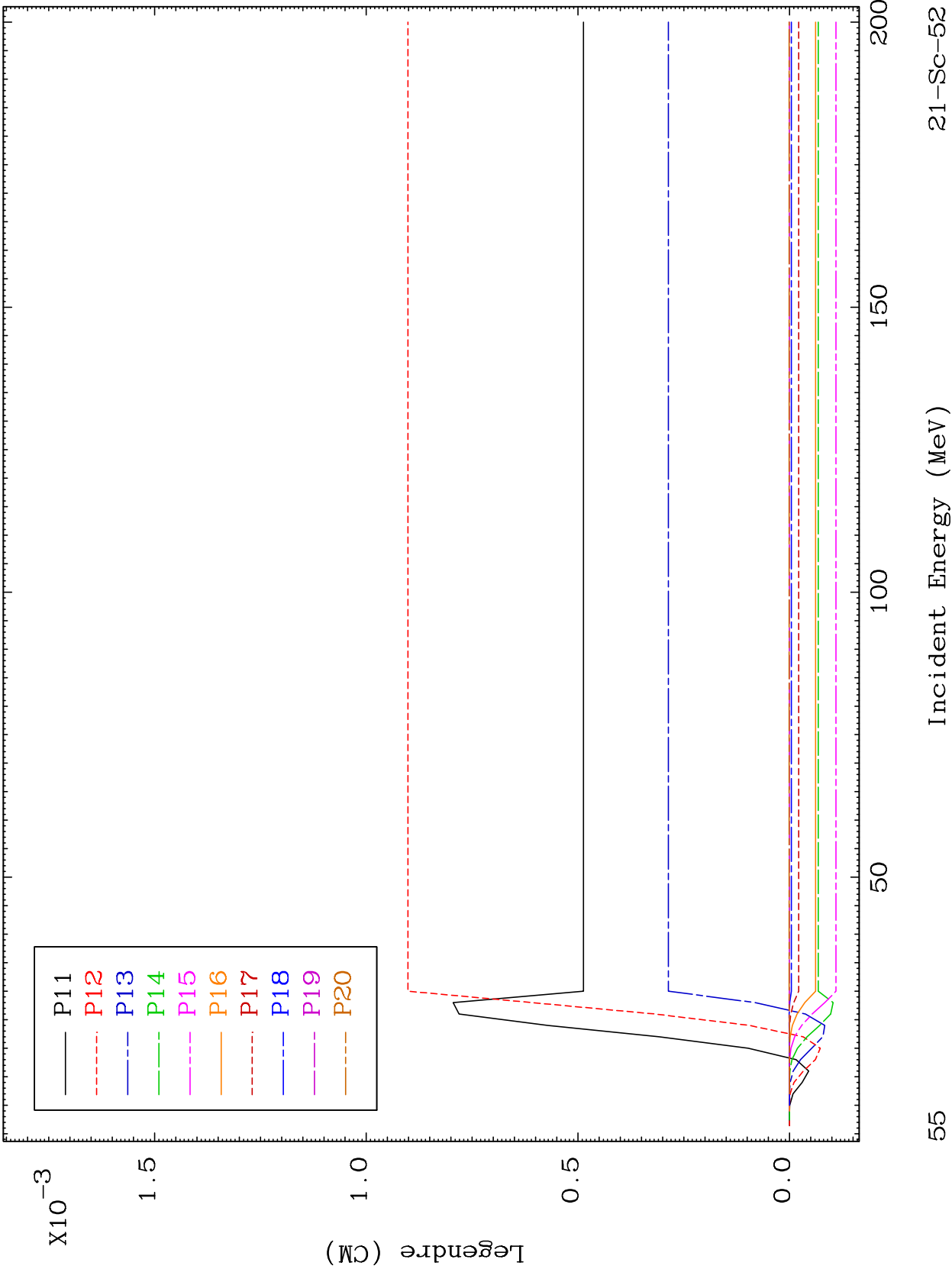
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

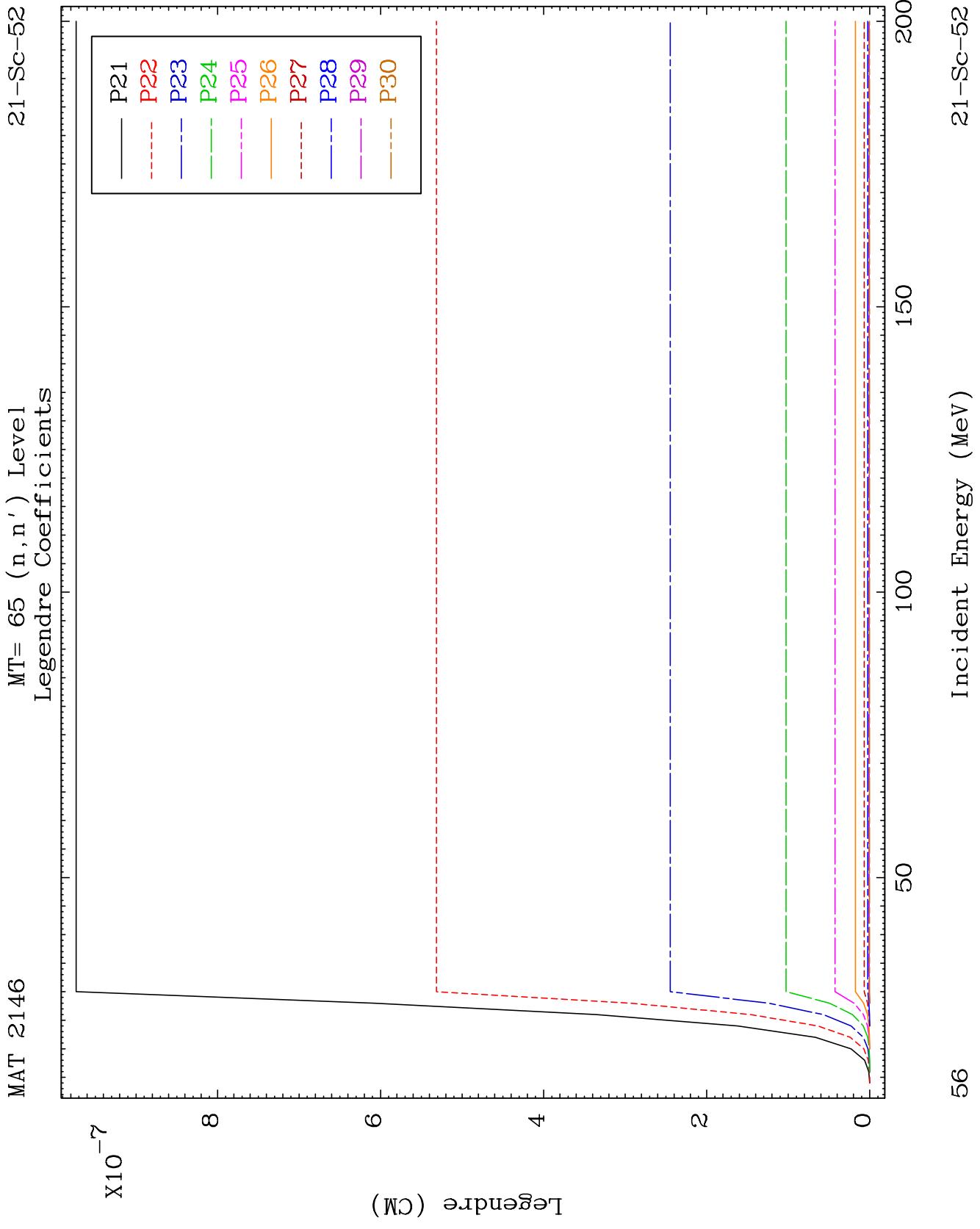
21-Sc-52



55

Incident Energy (MeV)

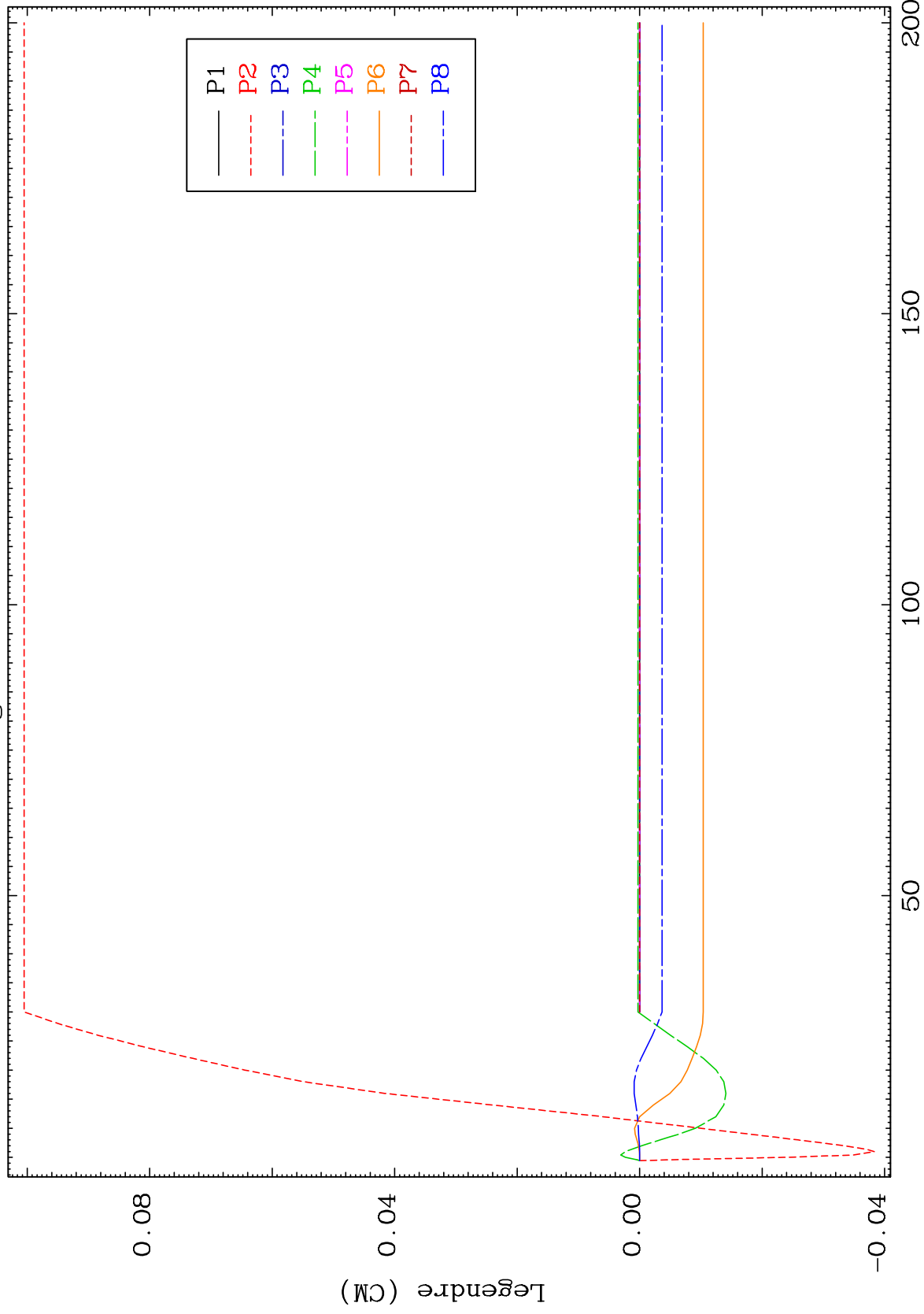
21-Sc-52



MAT 2146

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

21-Sc-52



57

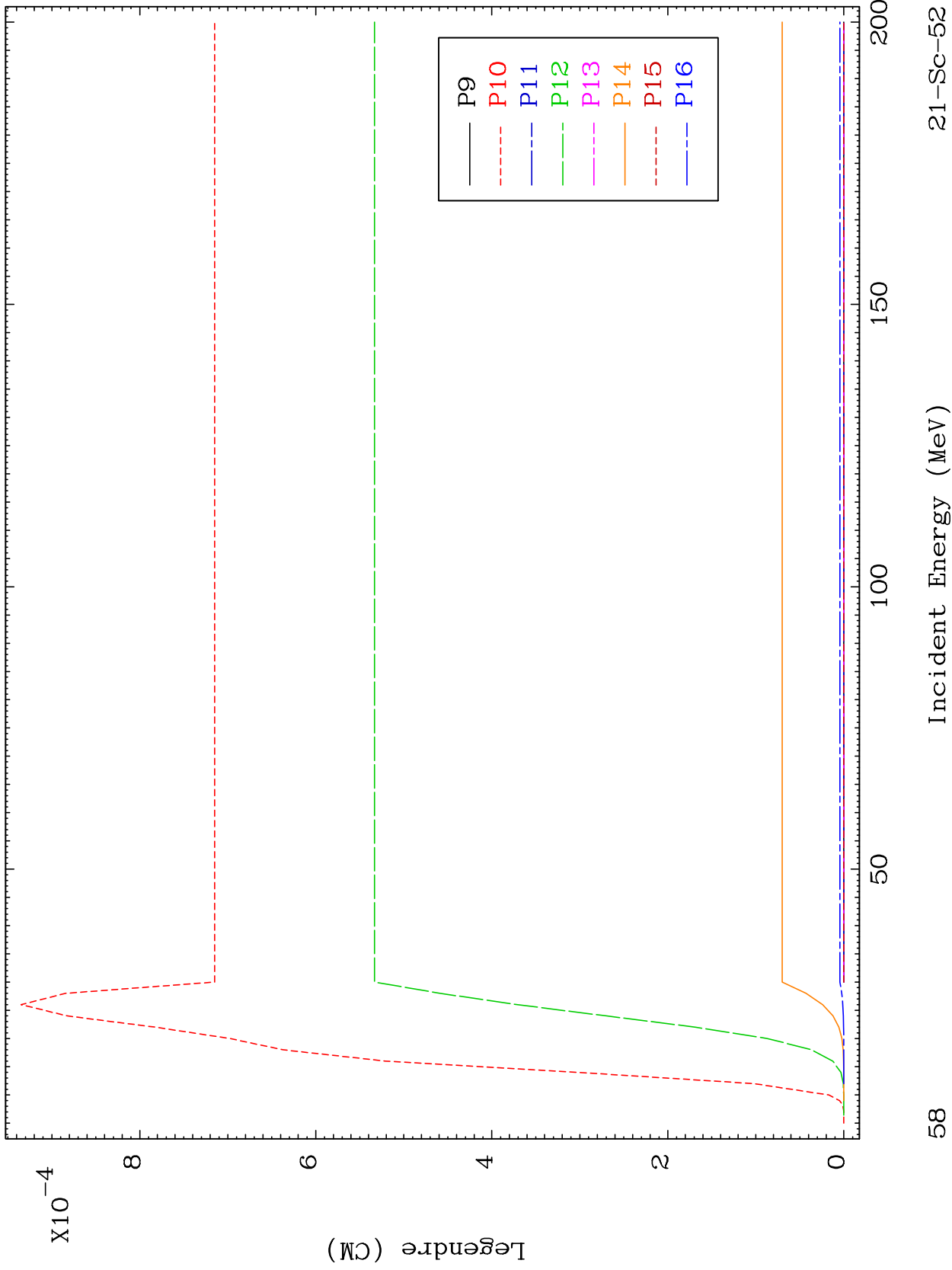
Incident Energy (MeV)

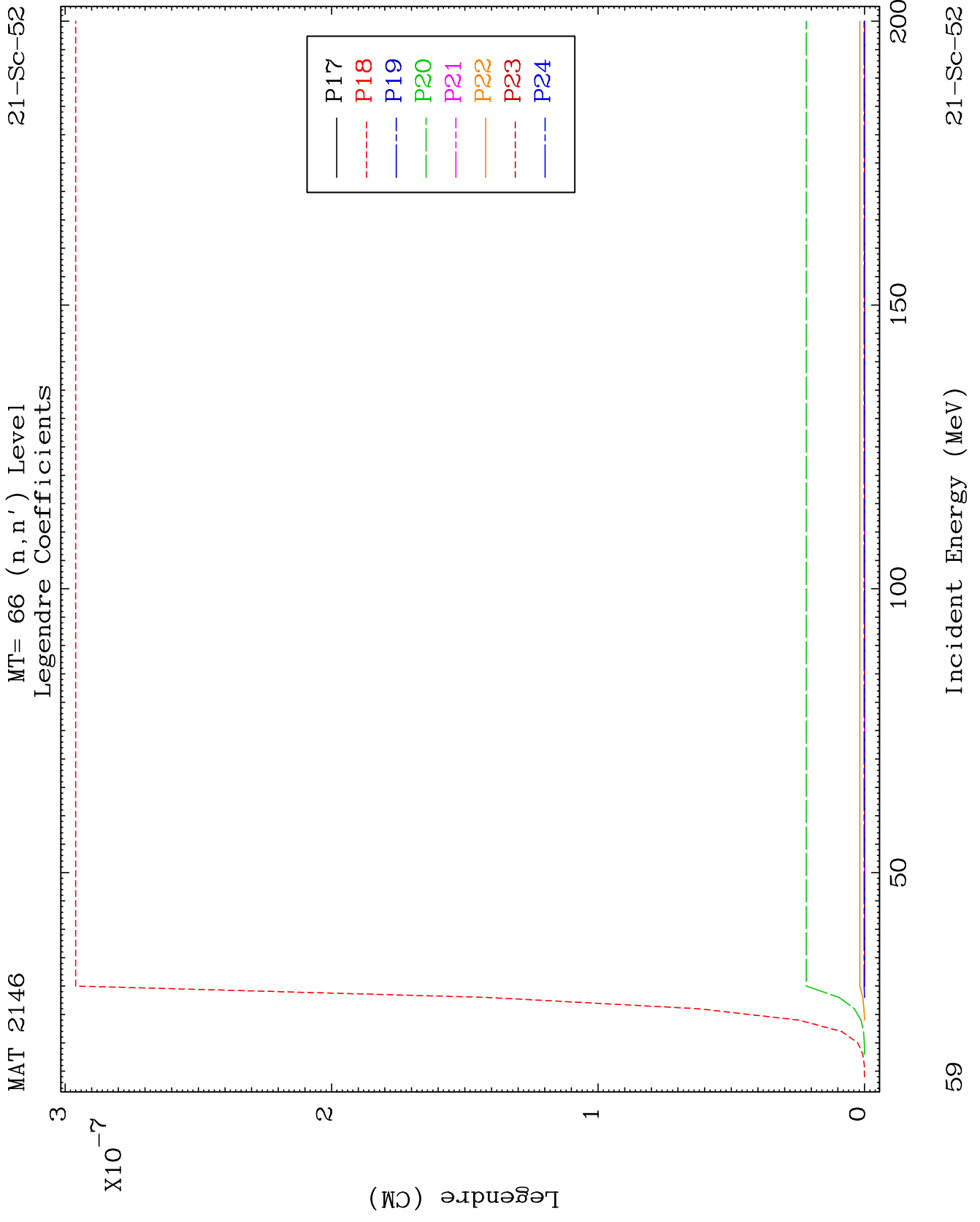
21-Sc-52

MAT 2146

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

21-Sc-52

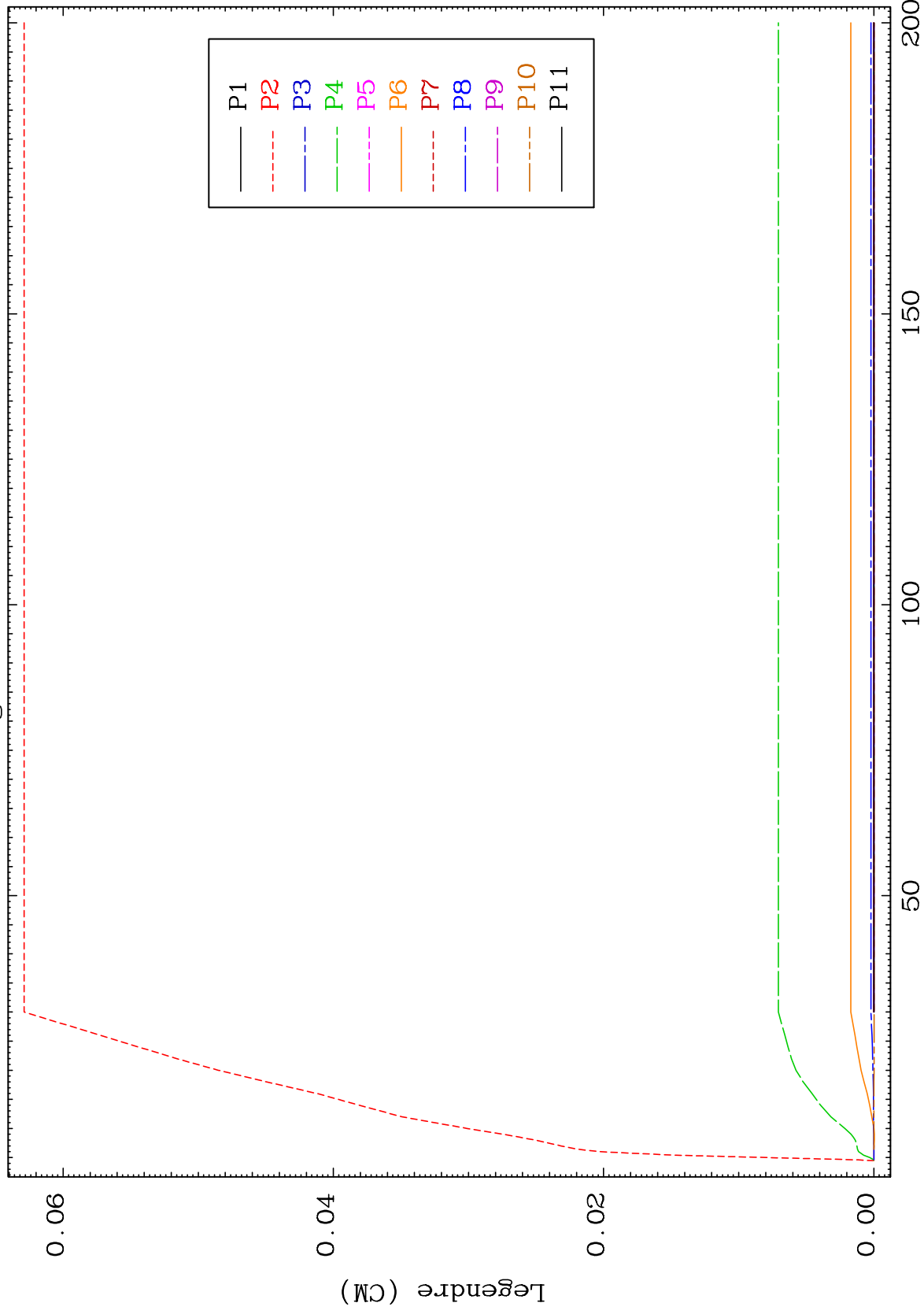




MAT 2146

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

21-Sc-52



60

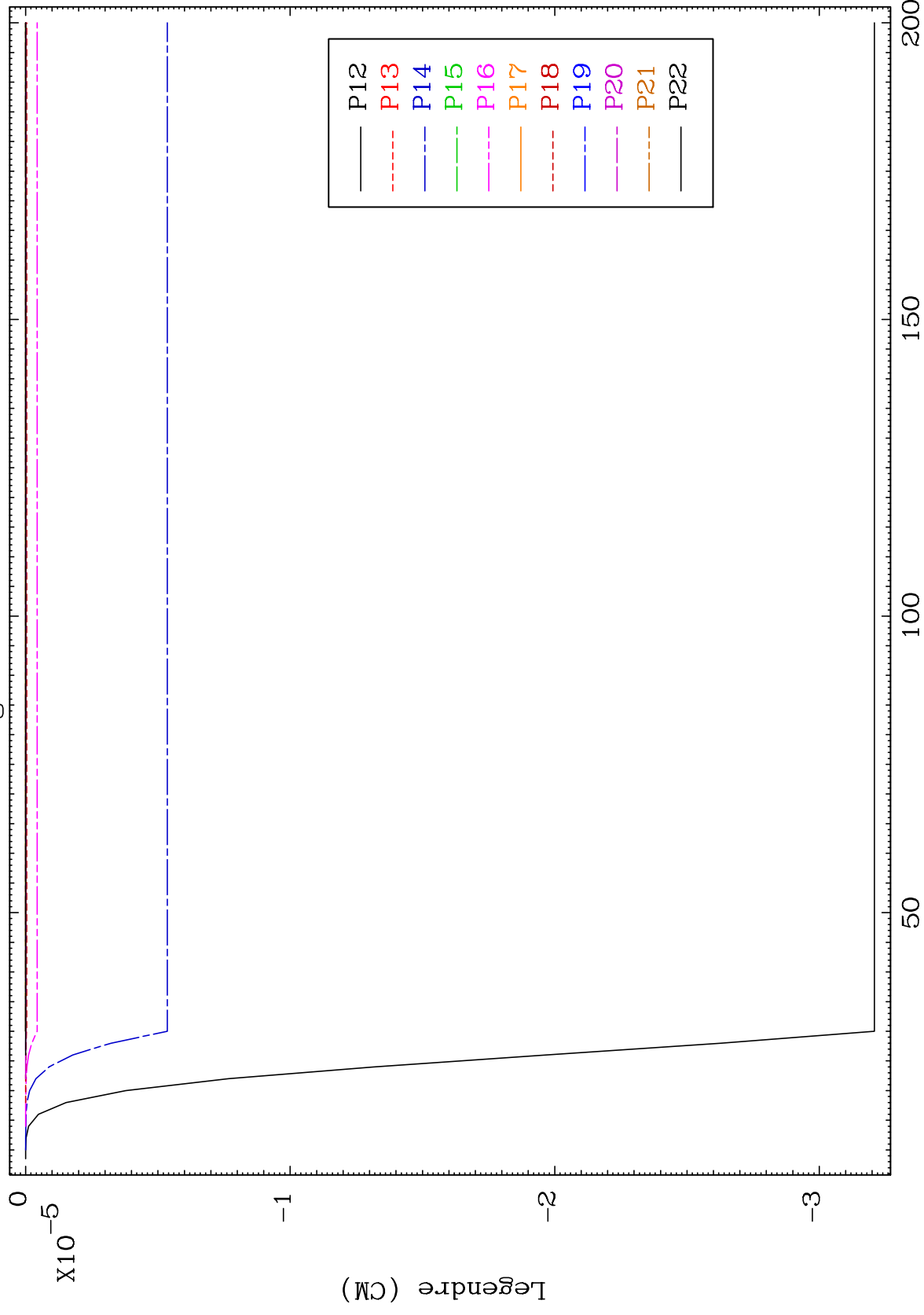
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



61

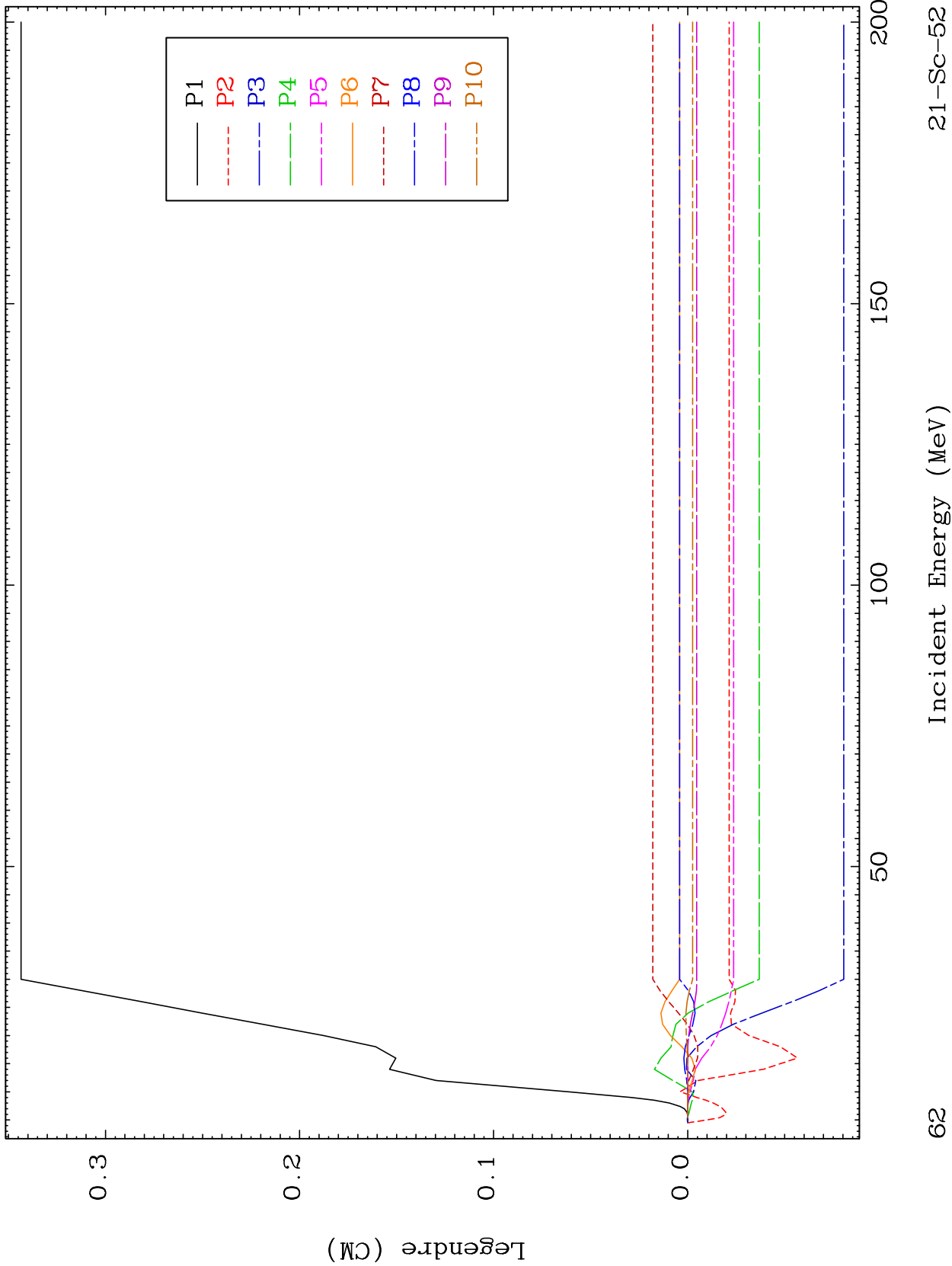
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



62

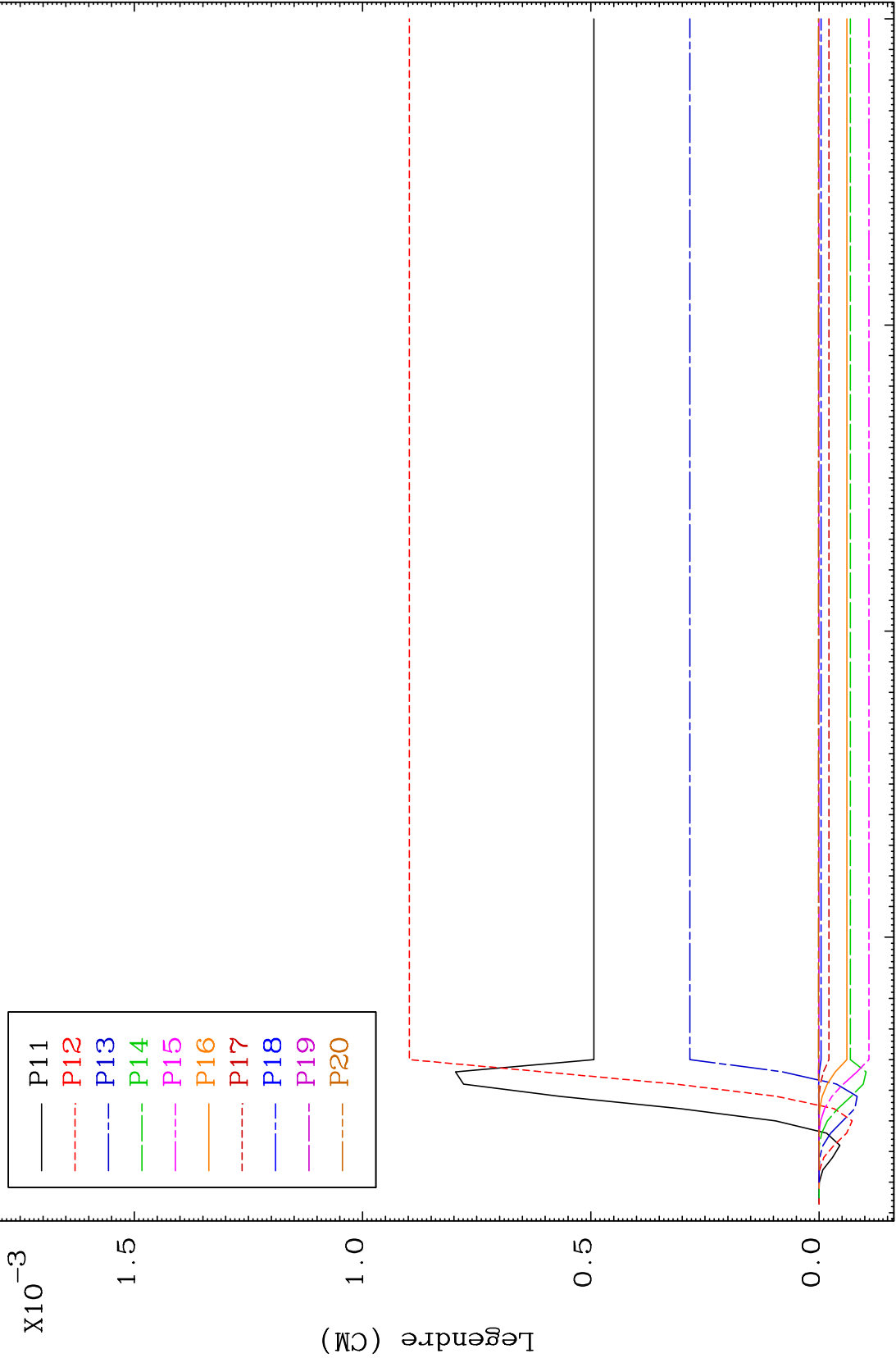
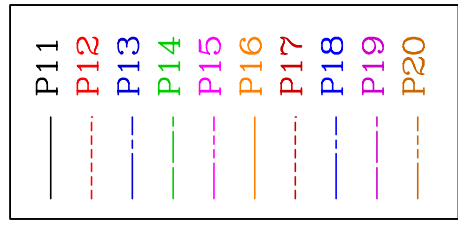
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

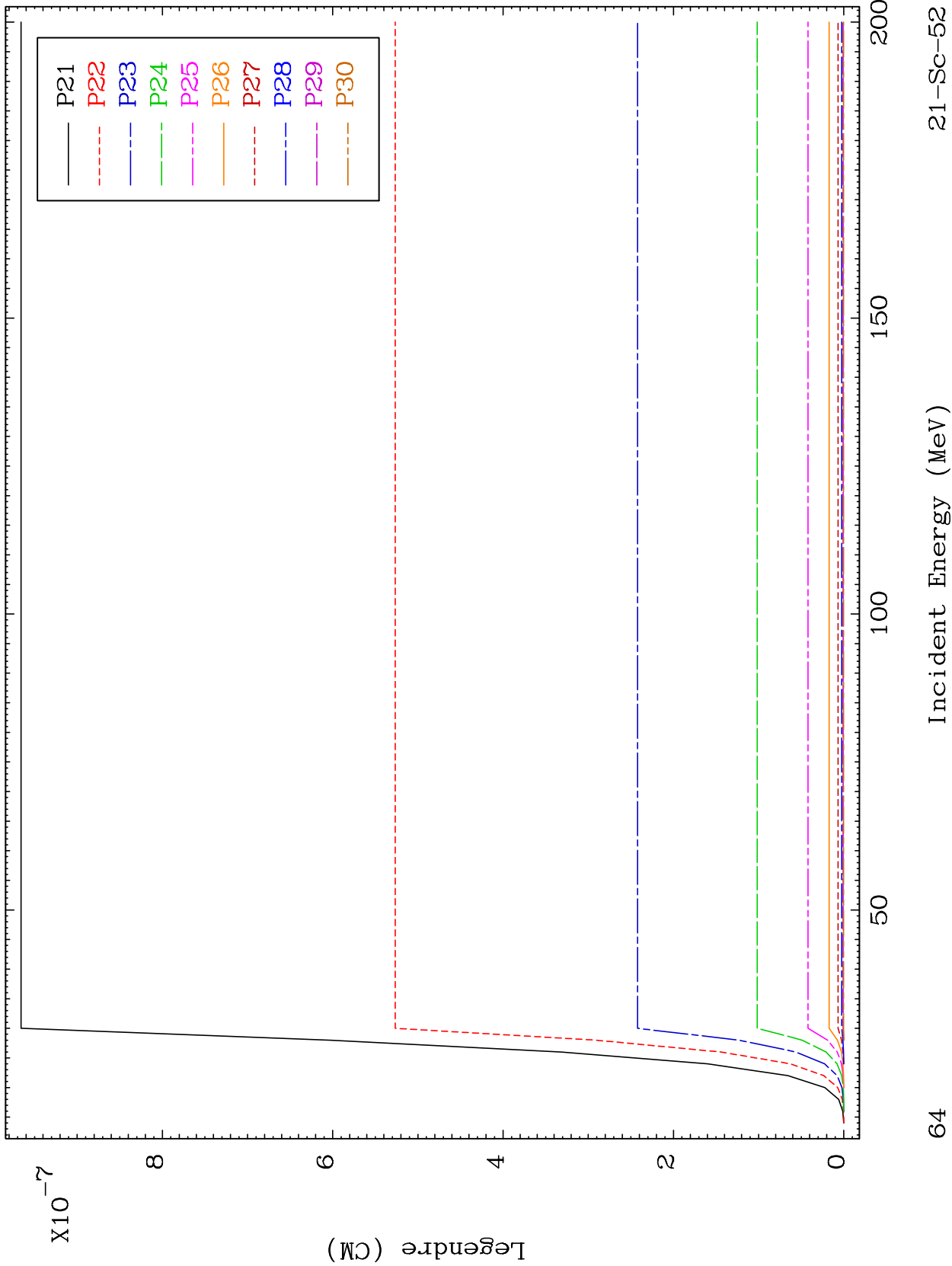
21-Sc-52



MAT 2146

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

21-Sc-52

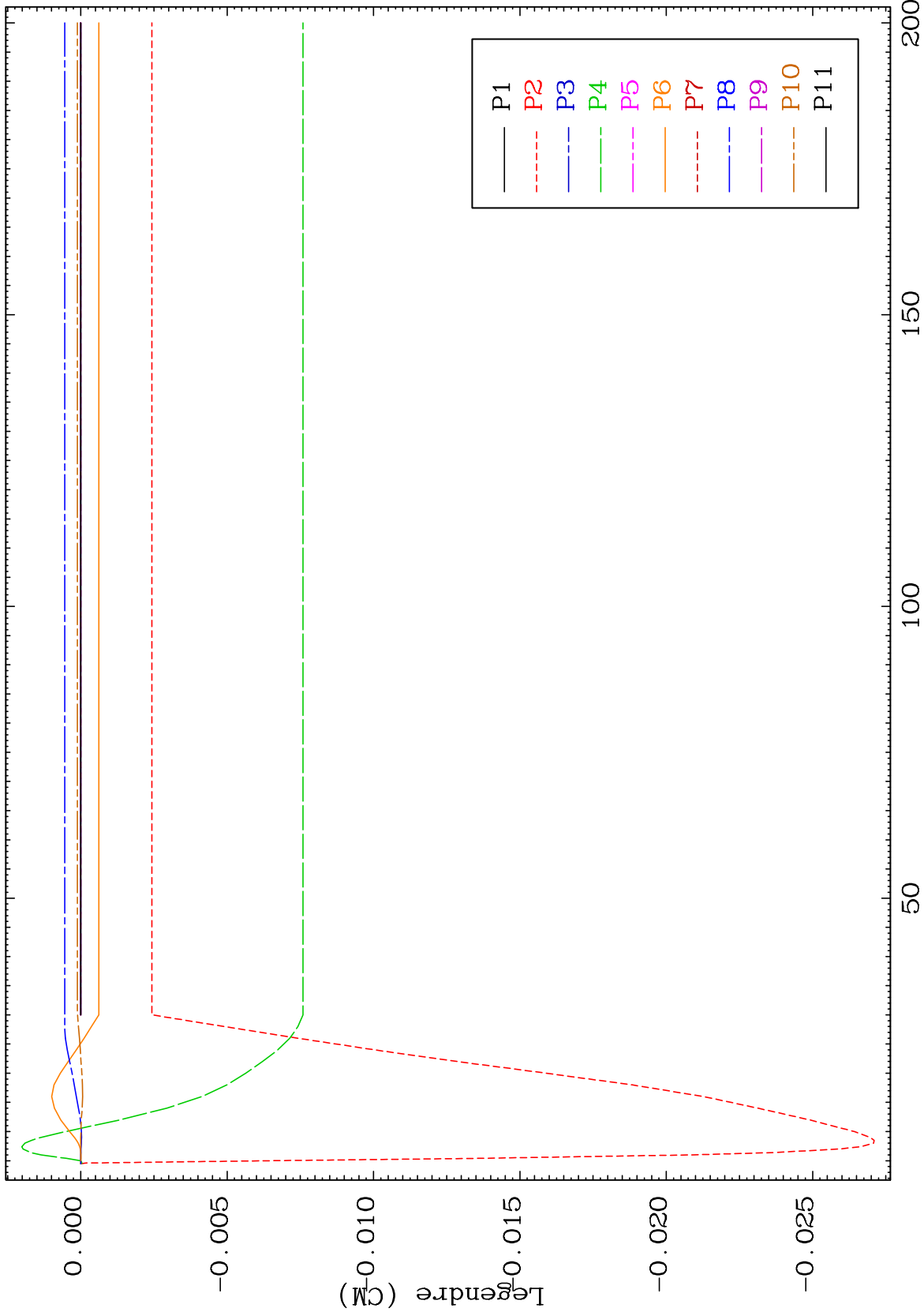


MAT 2146

MT= 69 (n,n') Level

21-Sc-52

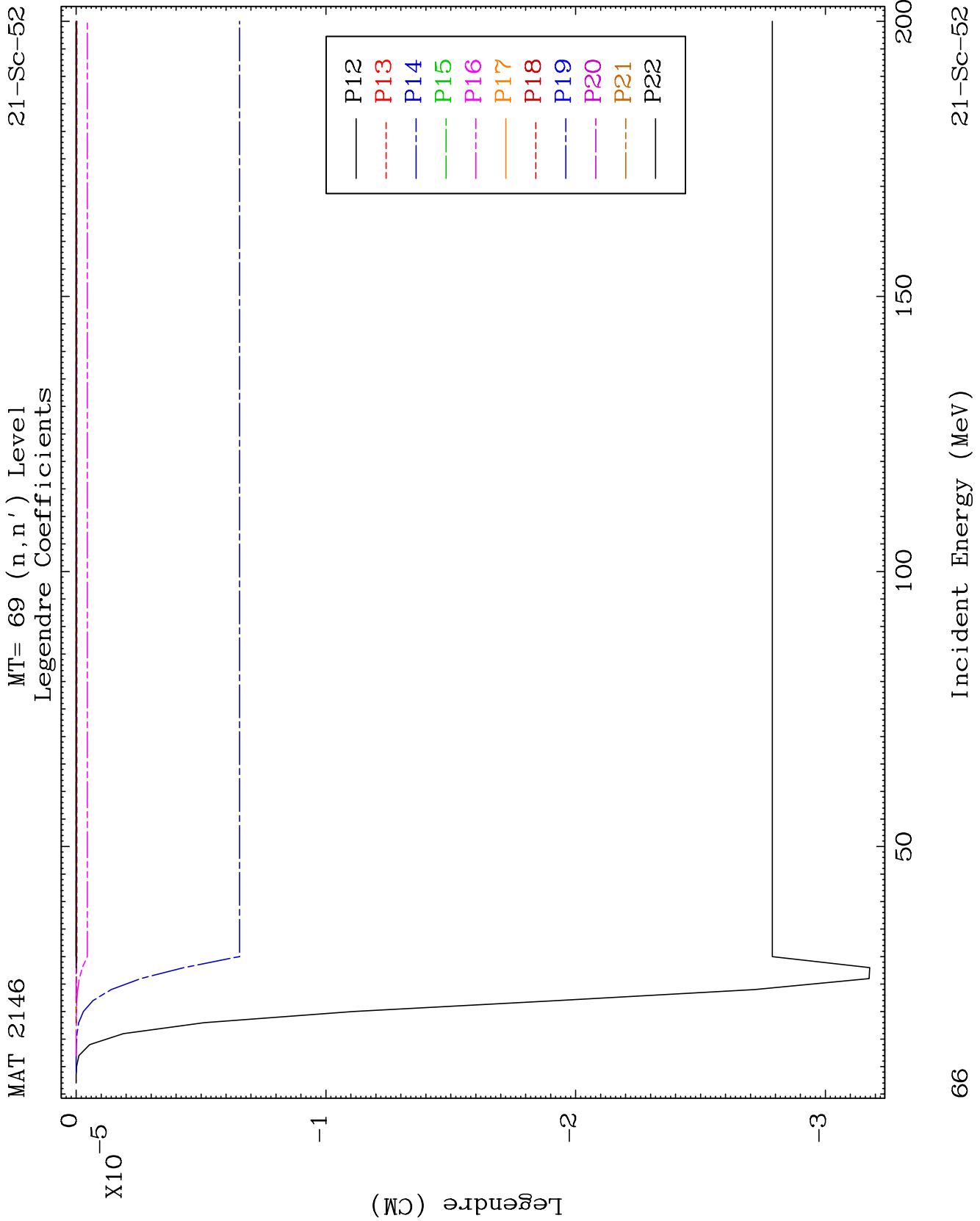
Legendre Coefficients



65

Incident Energy (MeV)

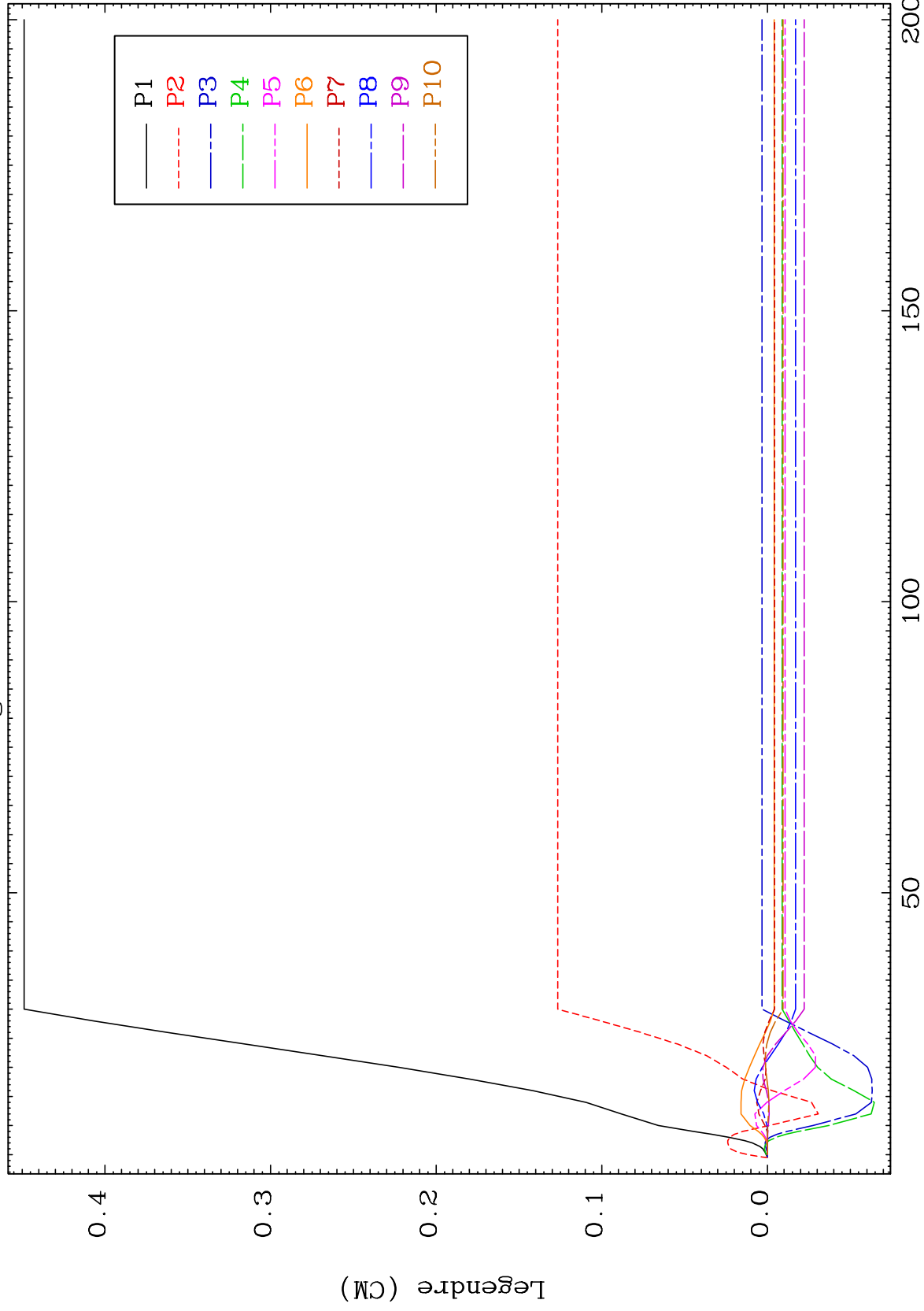
21-Sc-52



MAT 2146

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

21-Sc-52



67

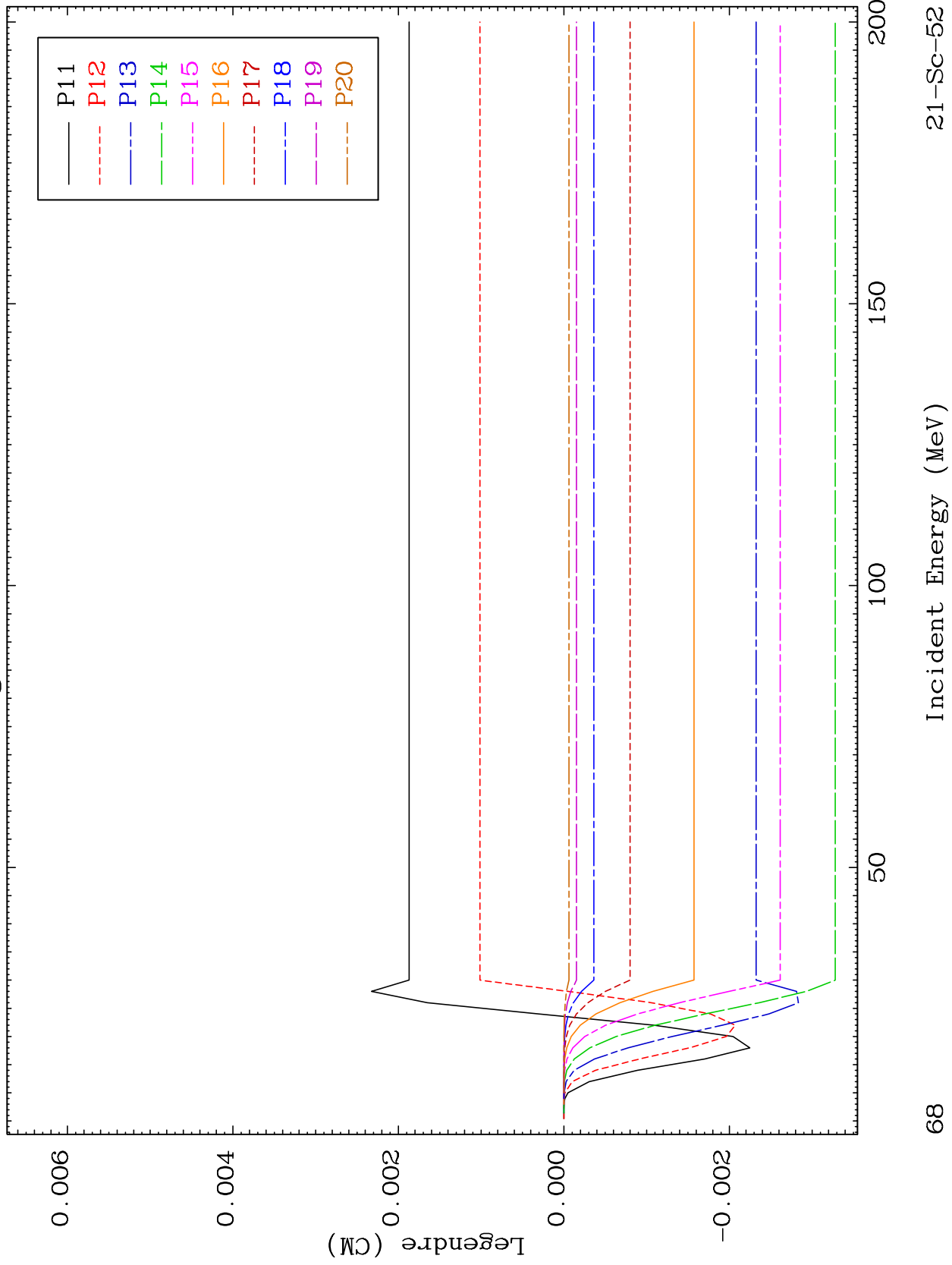
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52

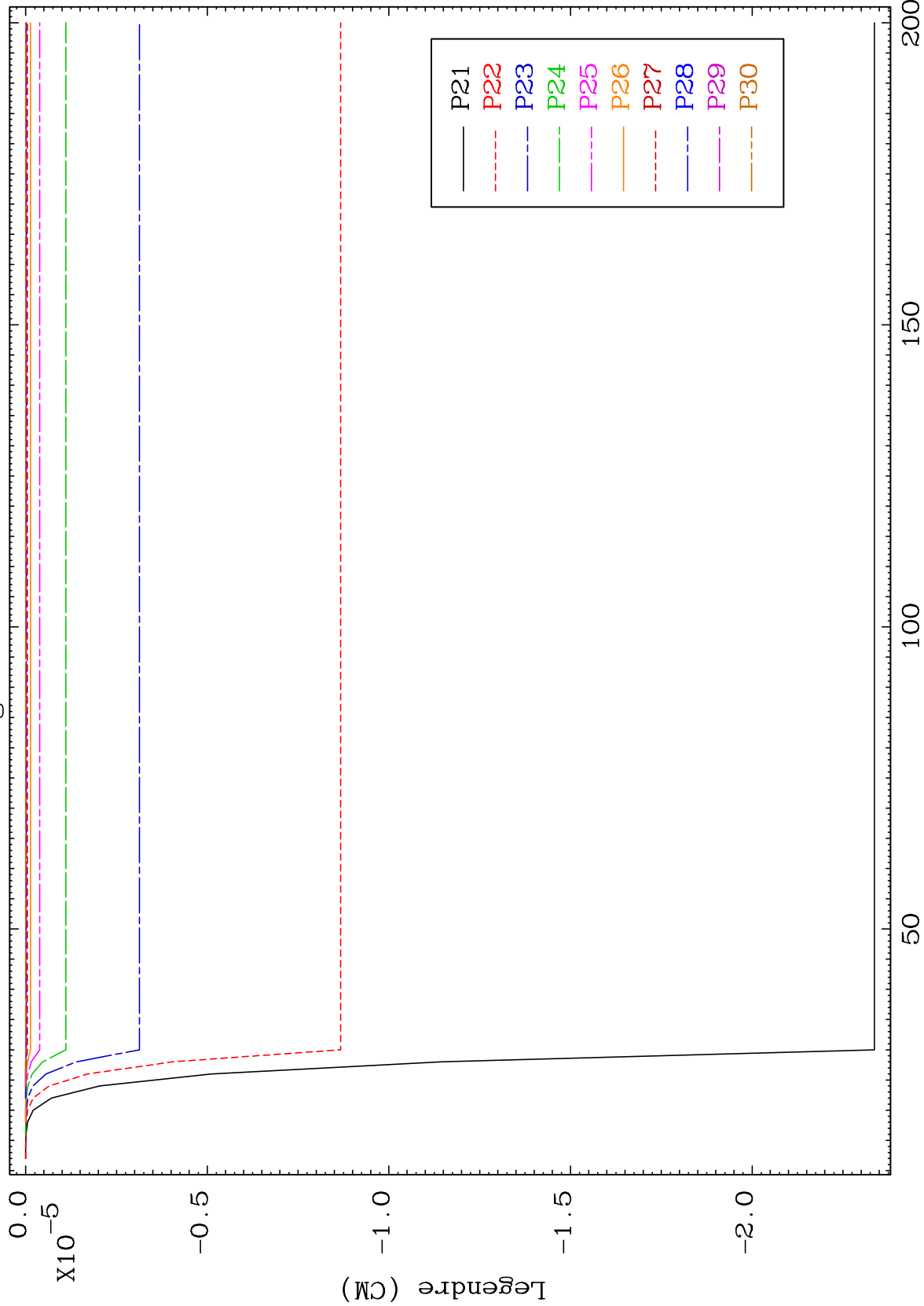


MAT 2146

MT= 70 (n,n') Level

21-Sc-52

Legendre Coefficients



69

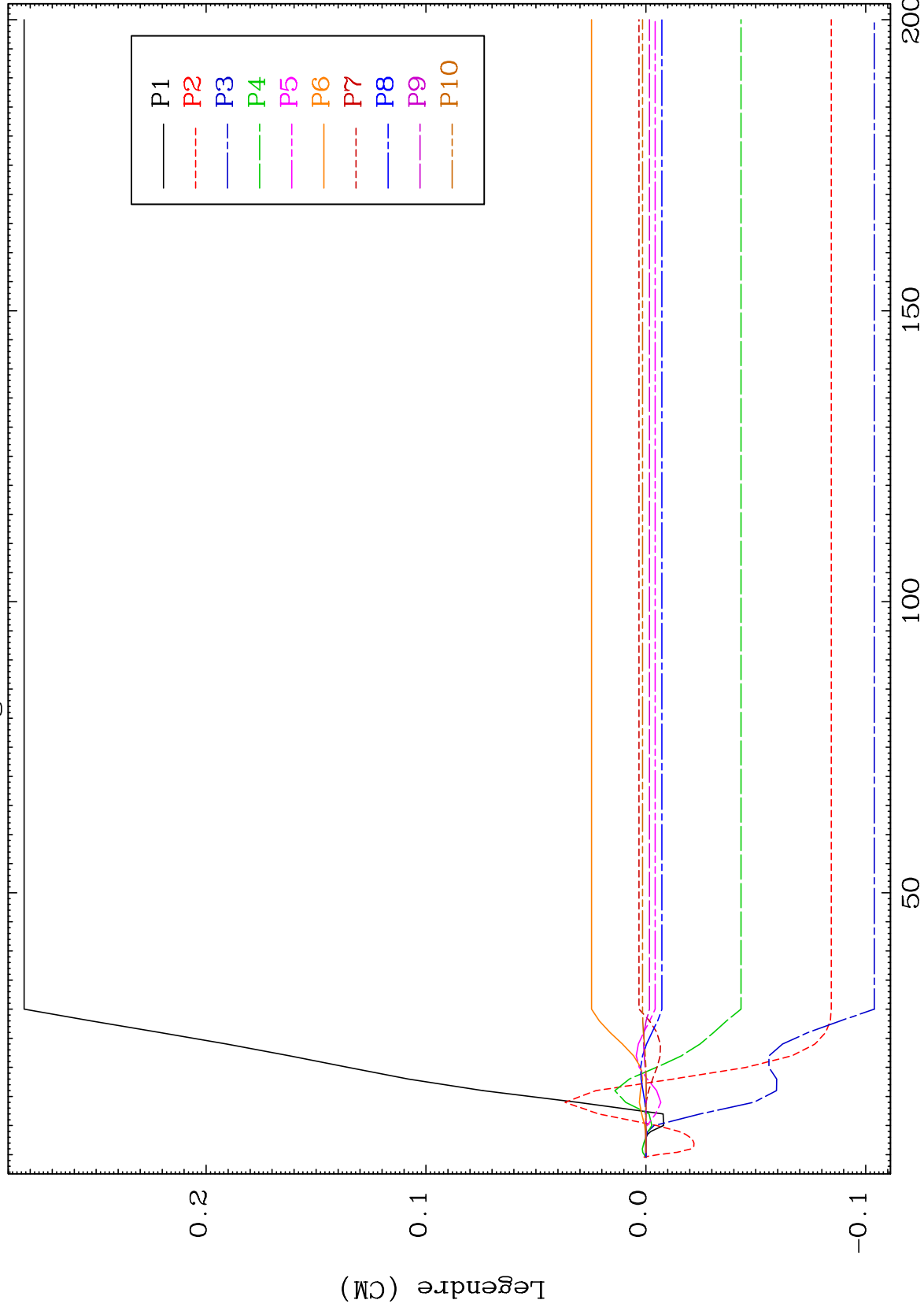
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



70

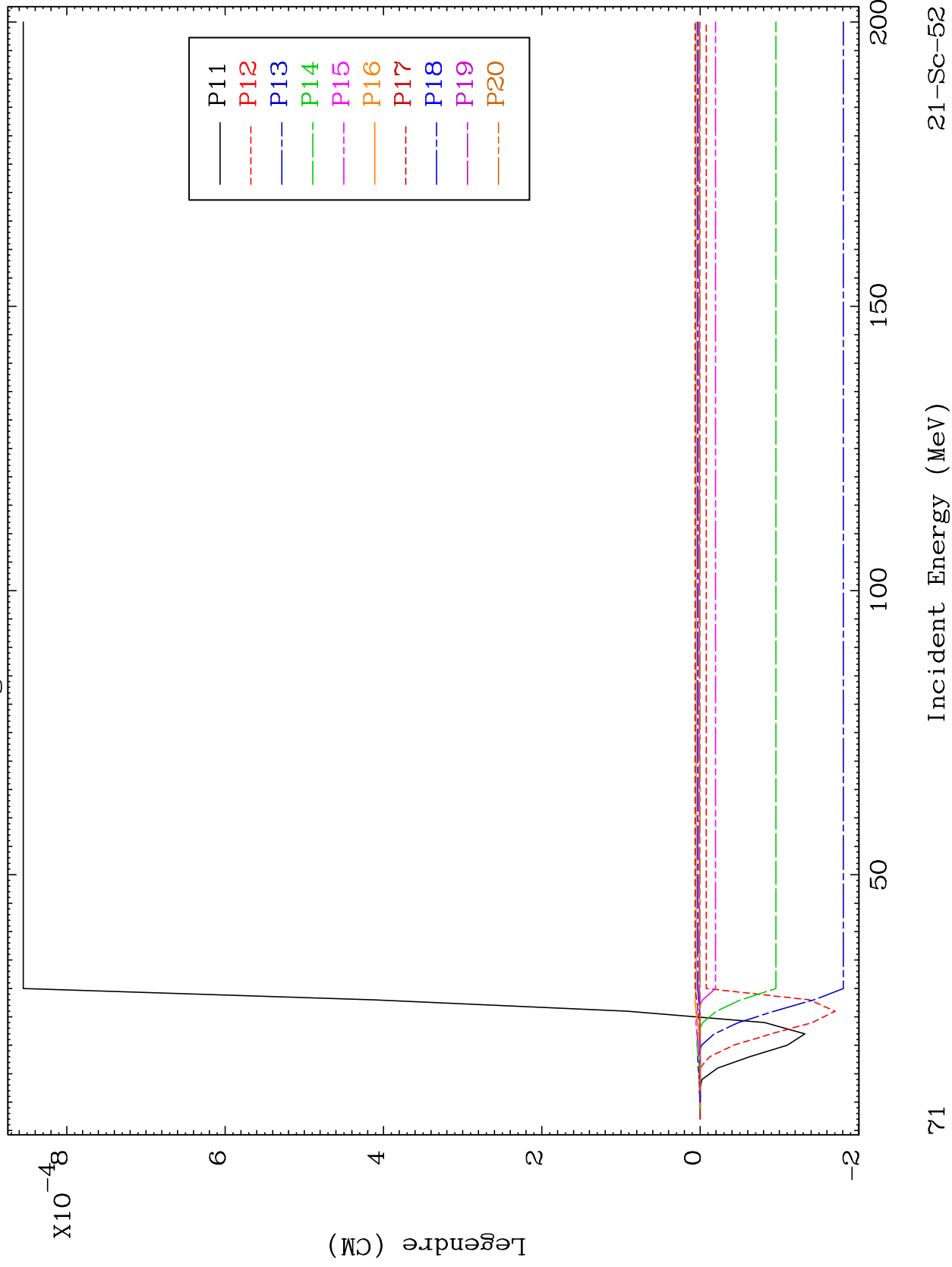
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

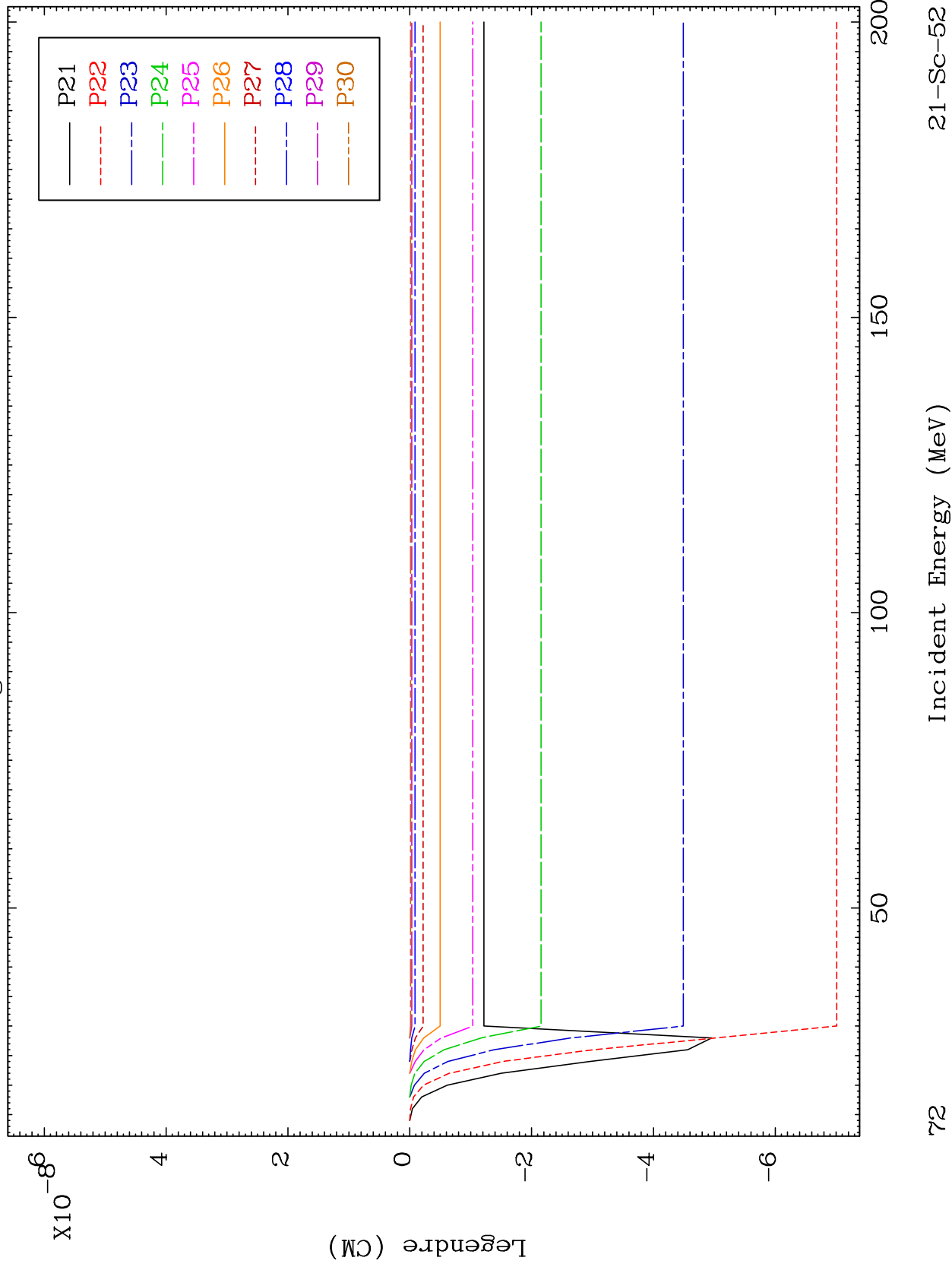
21-Sc-52



MAT 2146

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

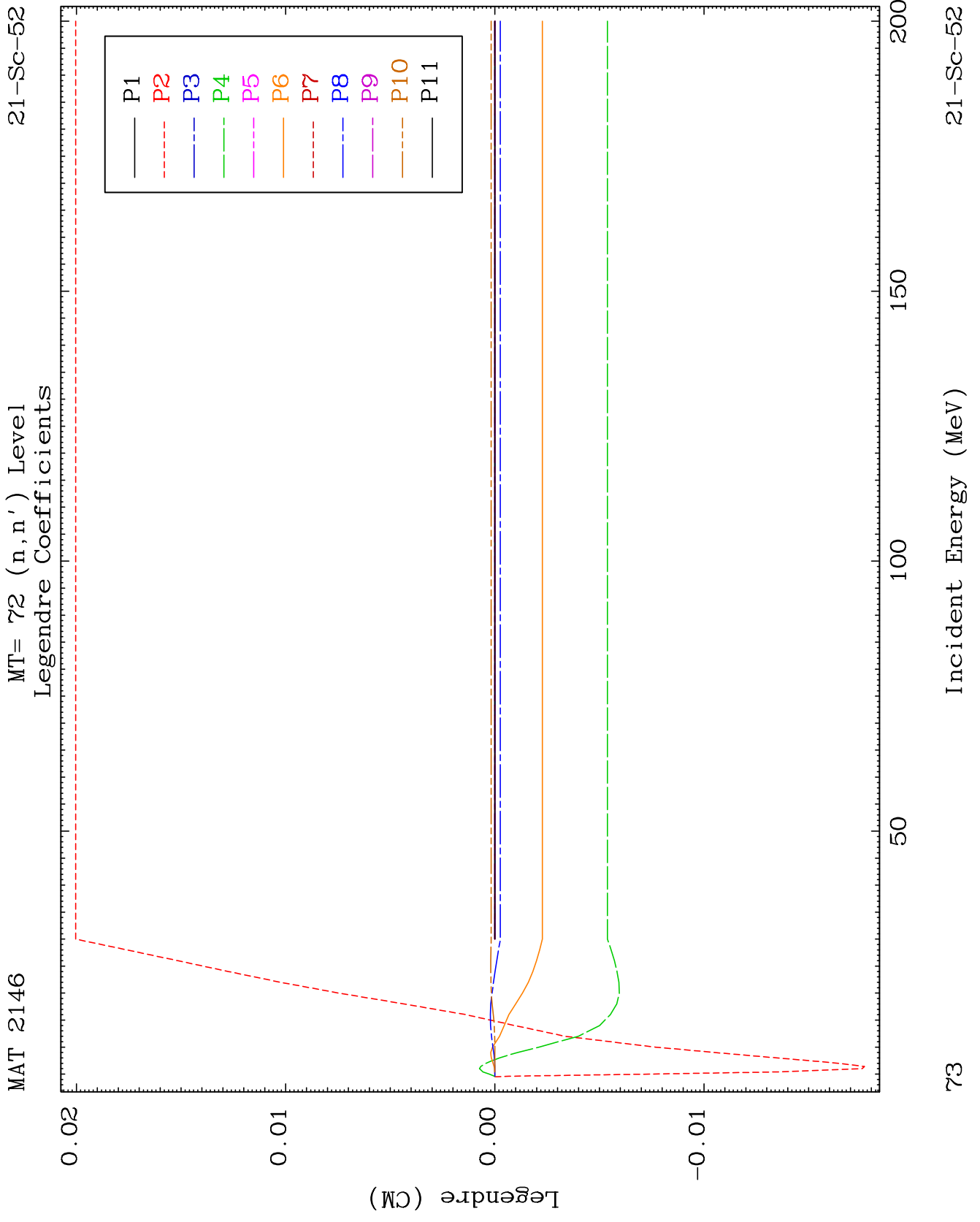
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72

Incident Energy (MeV)

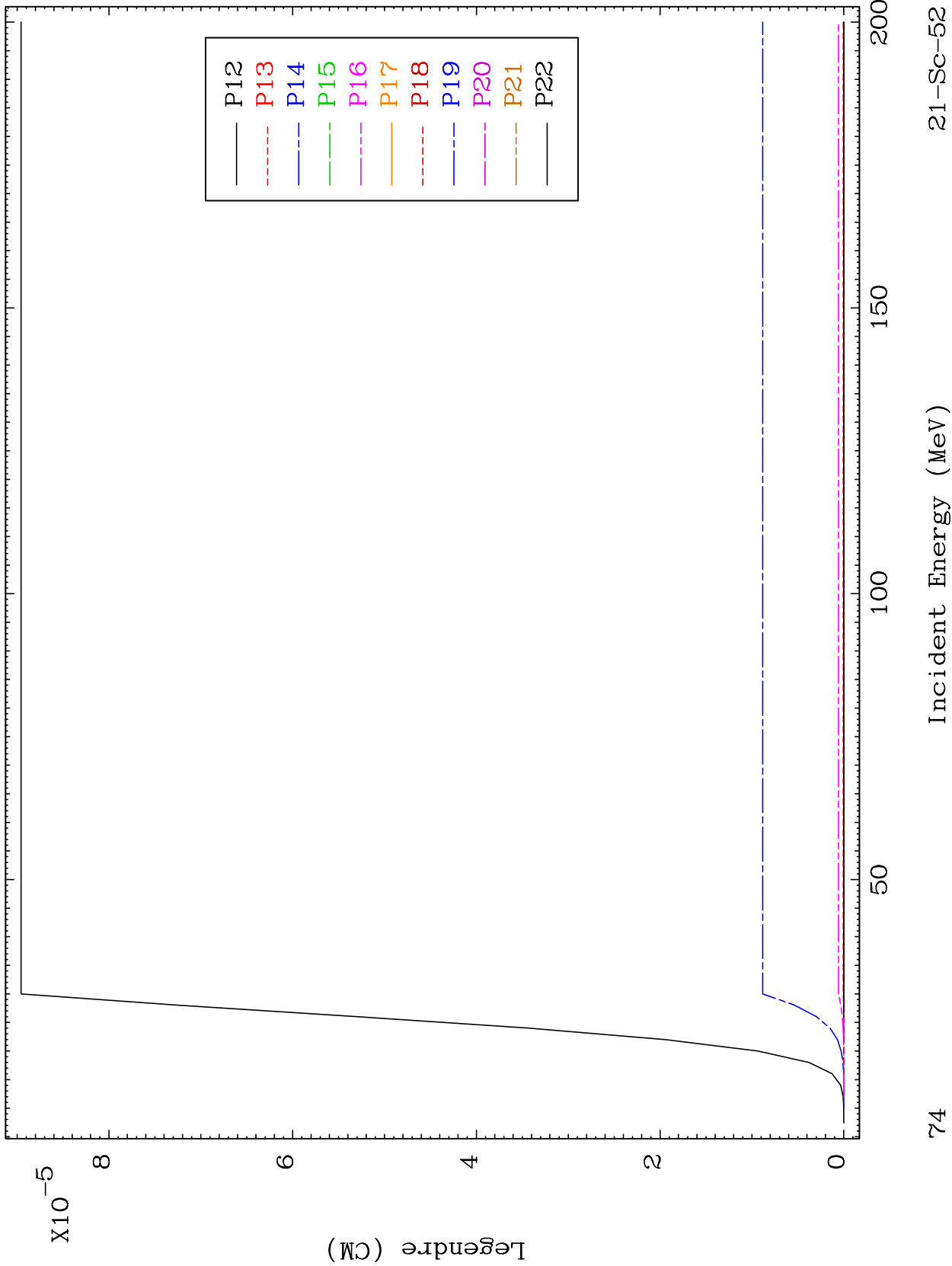
21-Sc-52



MAT 2146

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

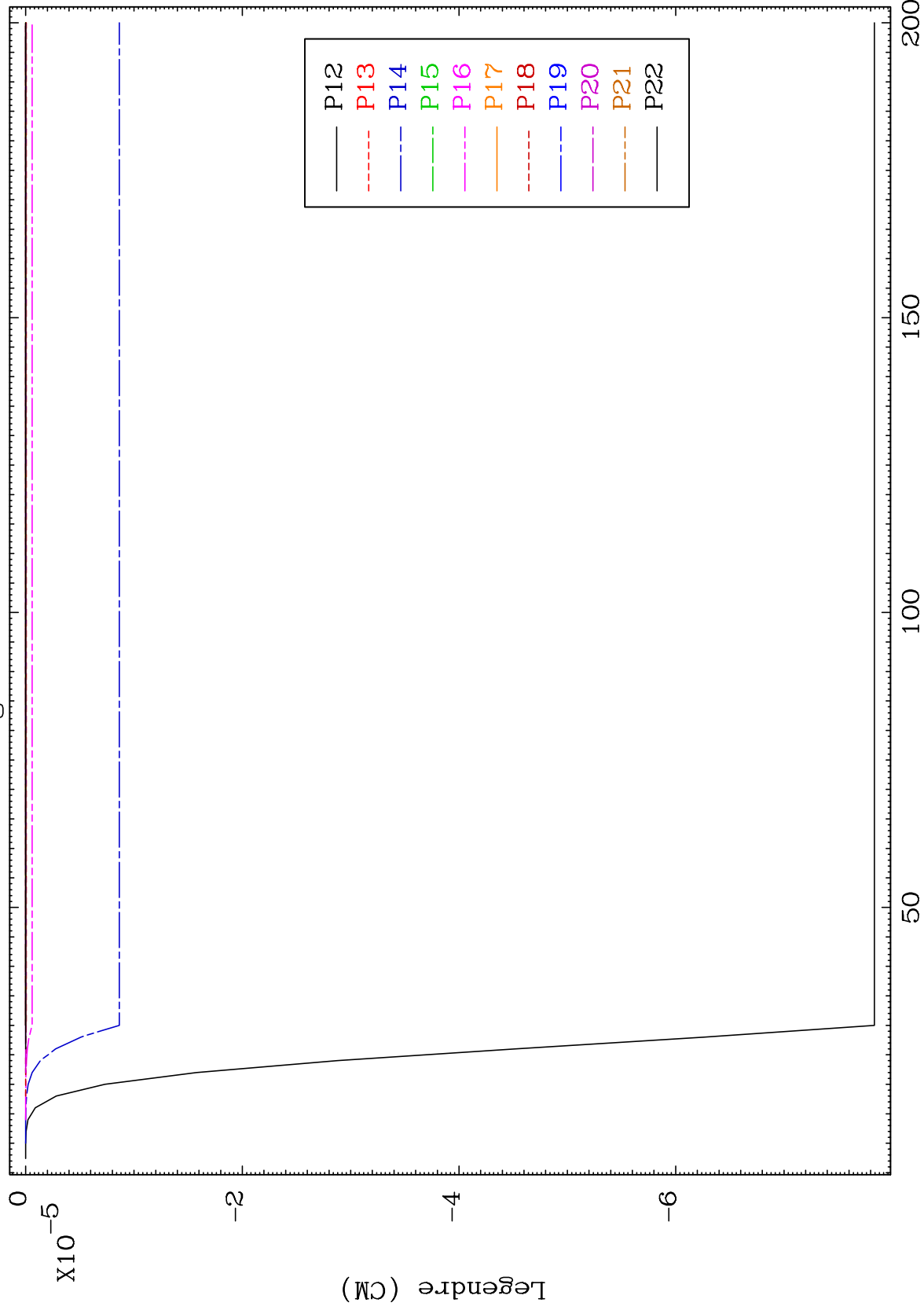
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MAT 2146

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

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76

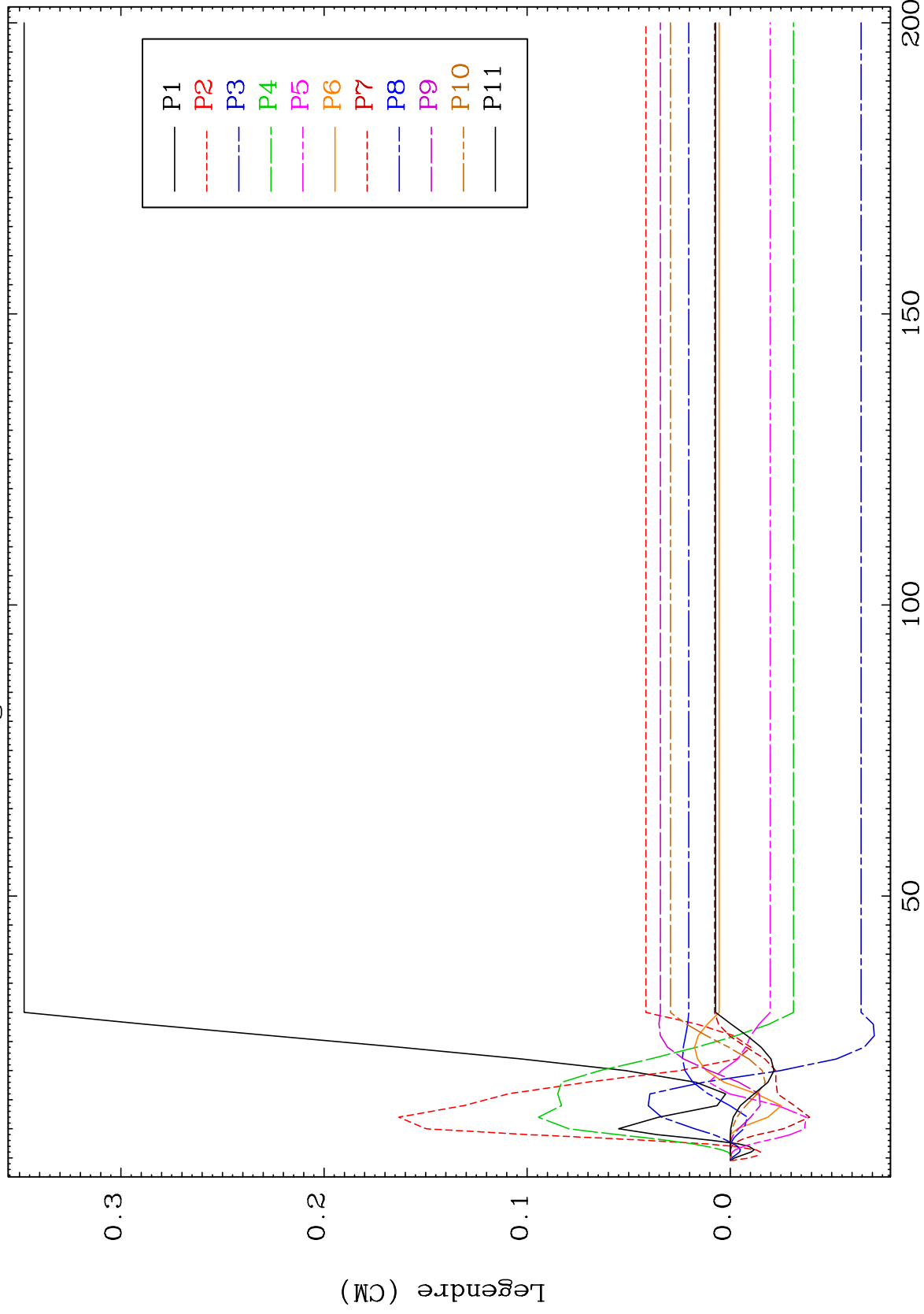
Incident Energy (MeV)

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MAT 2146

MT= 74 (n,n') Level
Legendre Coefficients

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77

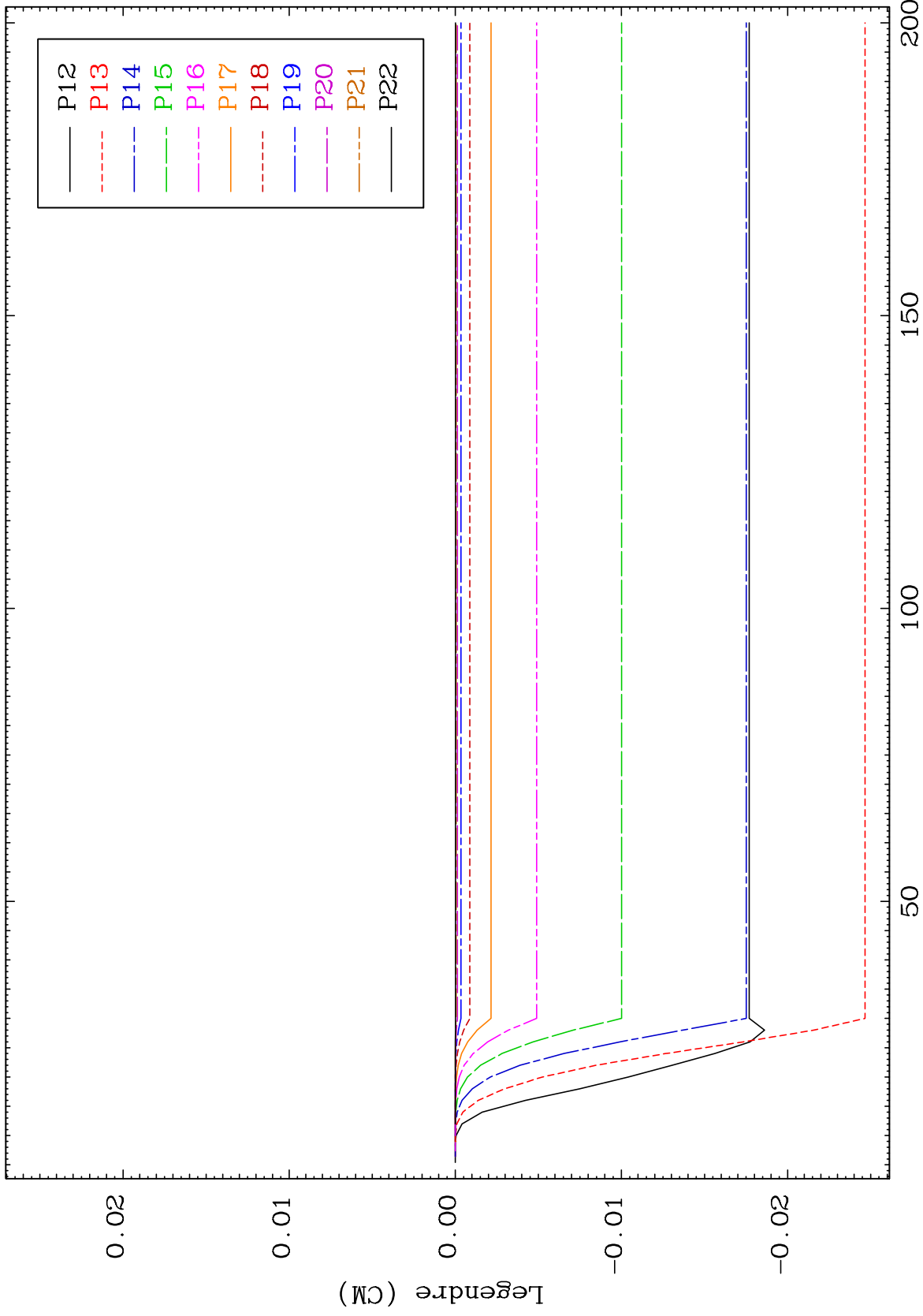
Incident Energy (MeV)

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MAT 2146

MT= 74 (n,n') Level Legendre Coefficients

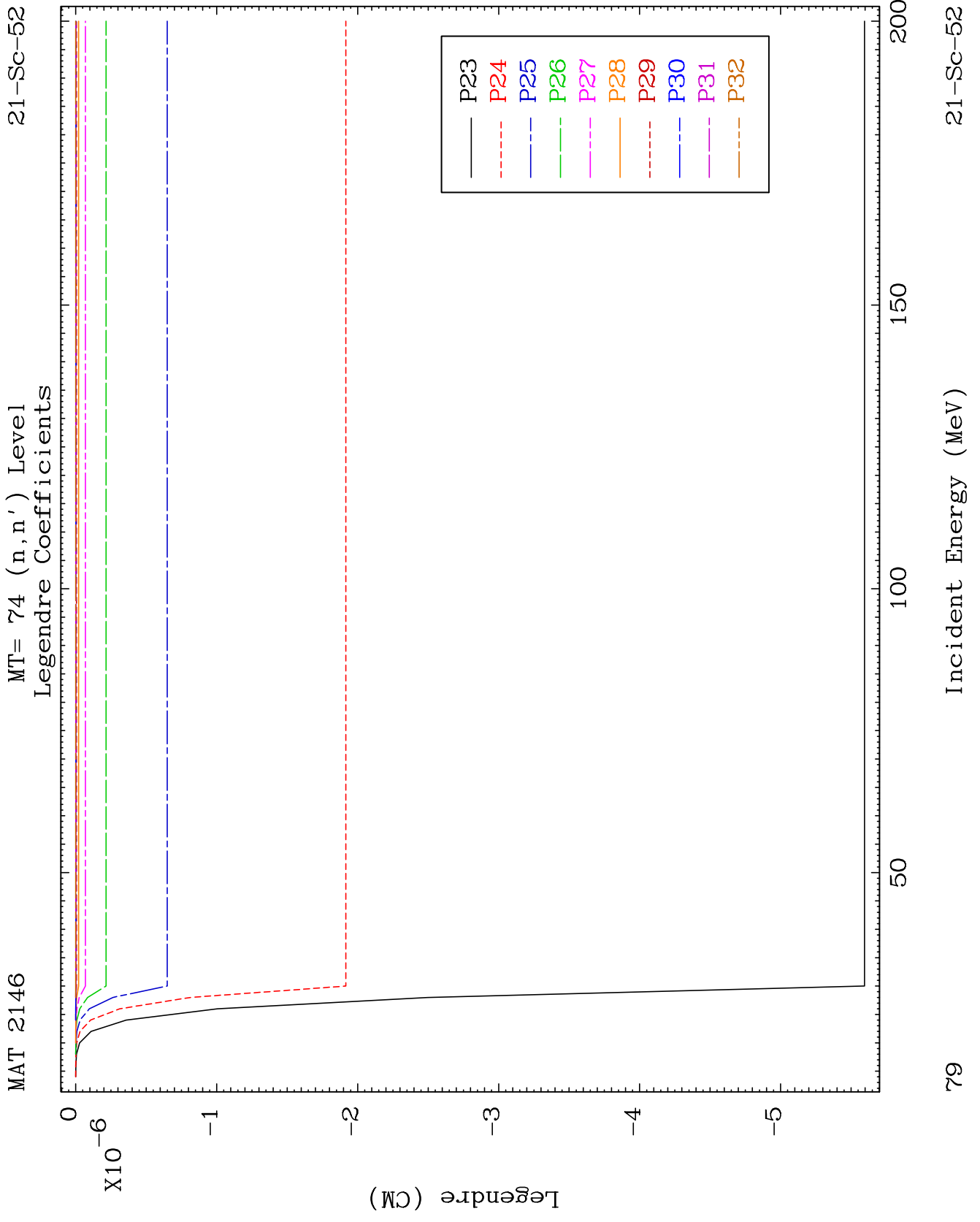
21-Sc-52



78

Incident Energy (MeV)

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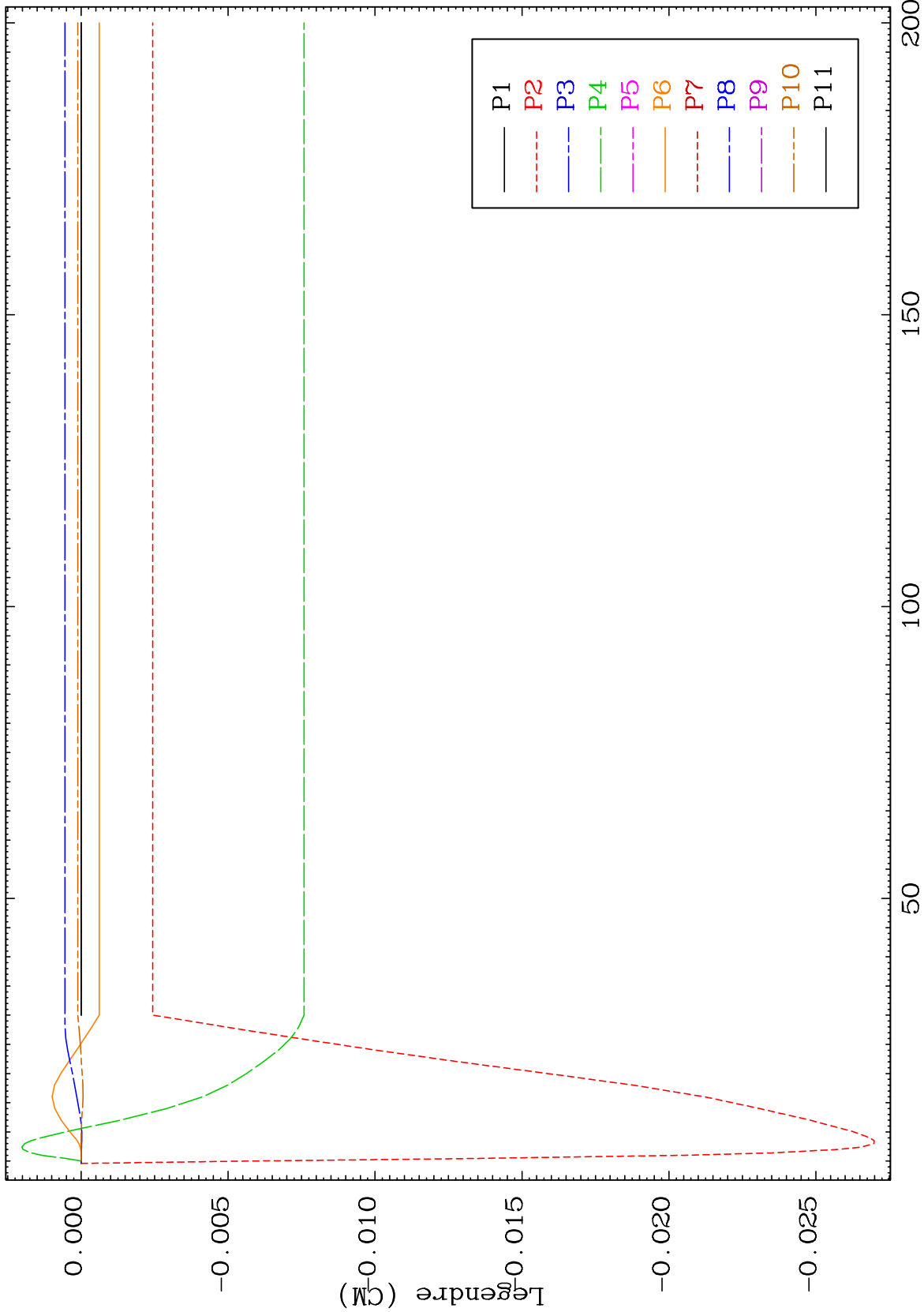


MAT 2146

MT= 75 (n,n') Level

21-Sc-52

Legendre Coefficients



80

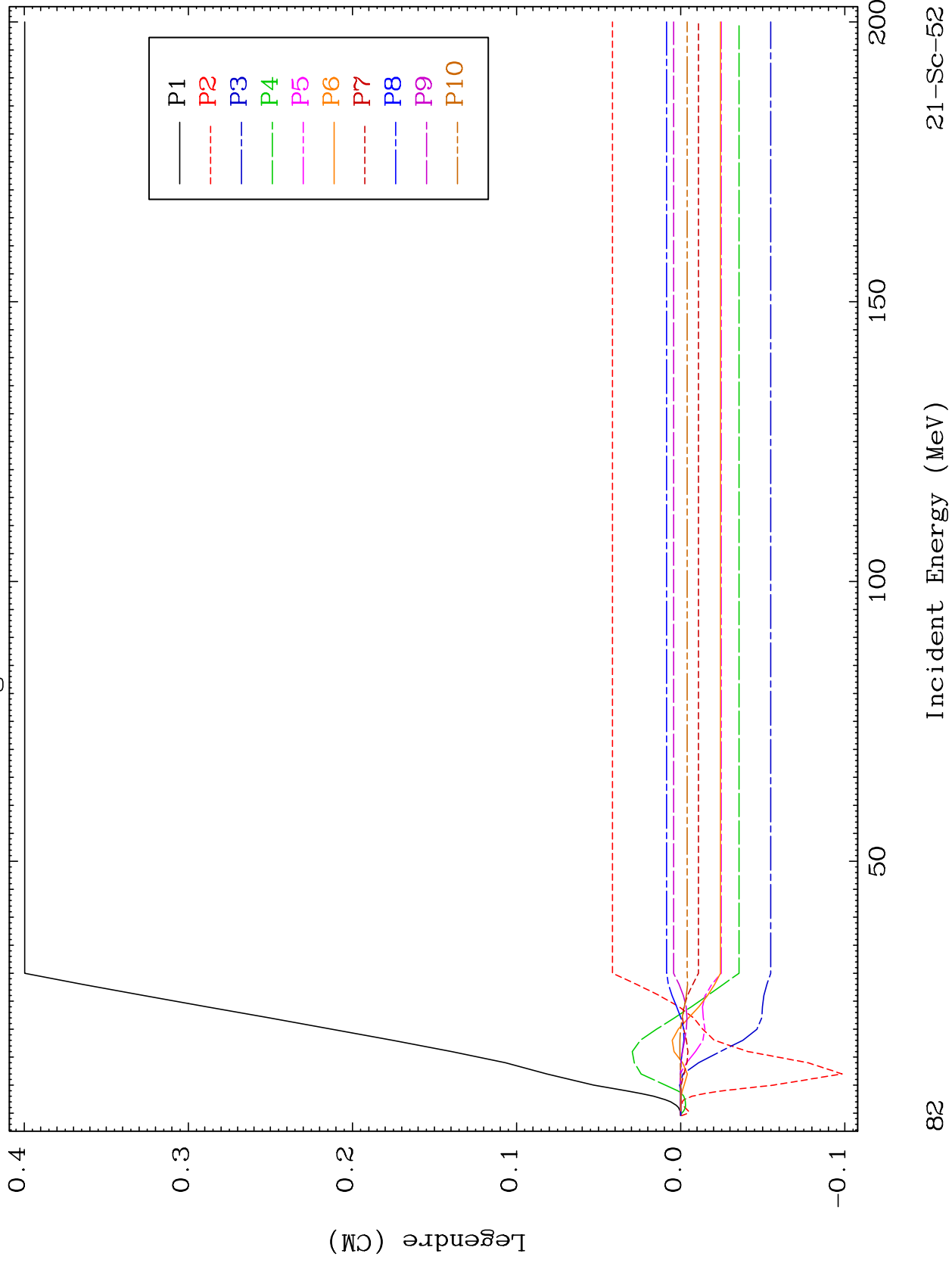
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



82

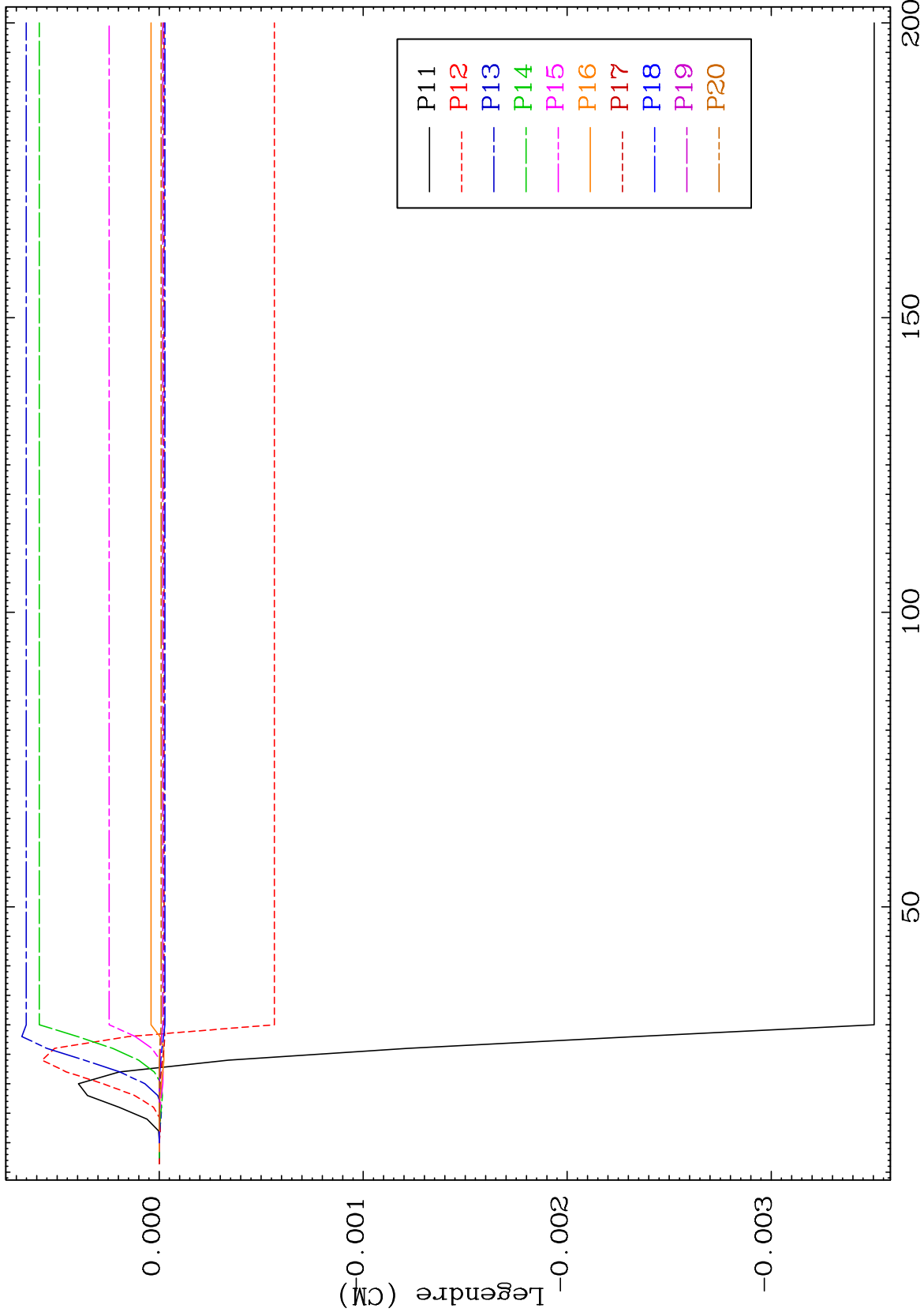
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52

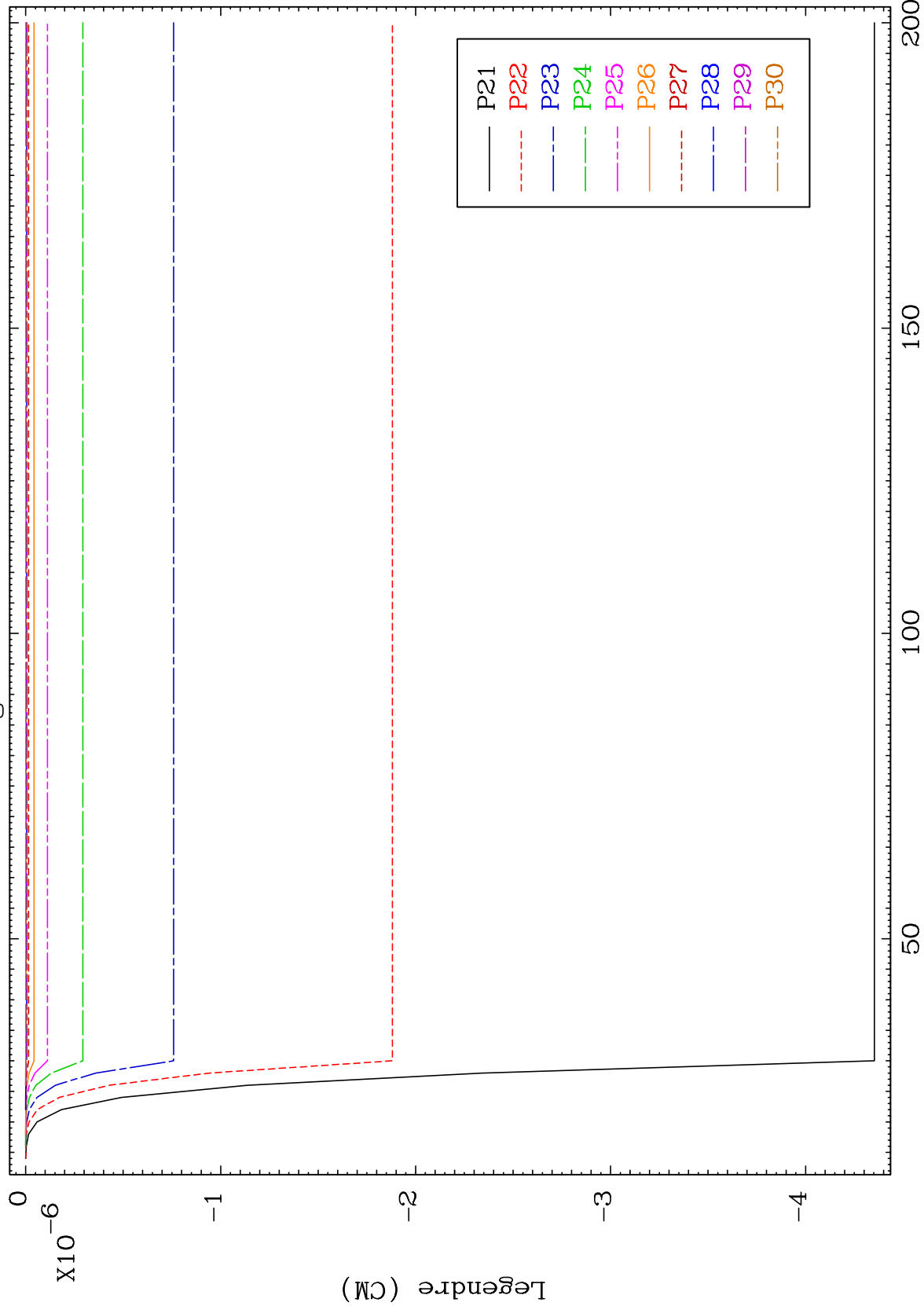


MAT 2146

MT= 76 (n,n') Level

21-Sc-52

Legendre Coefficients



84

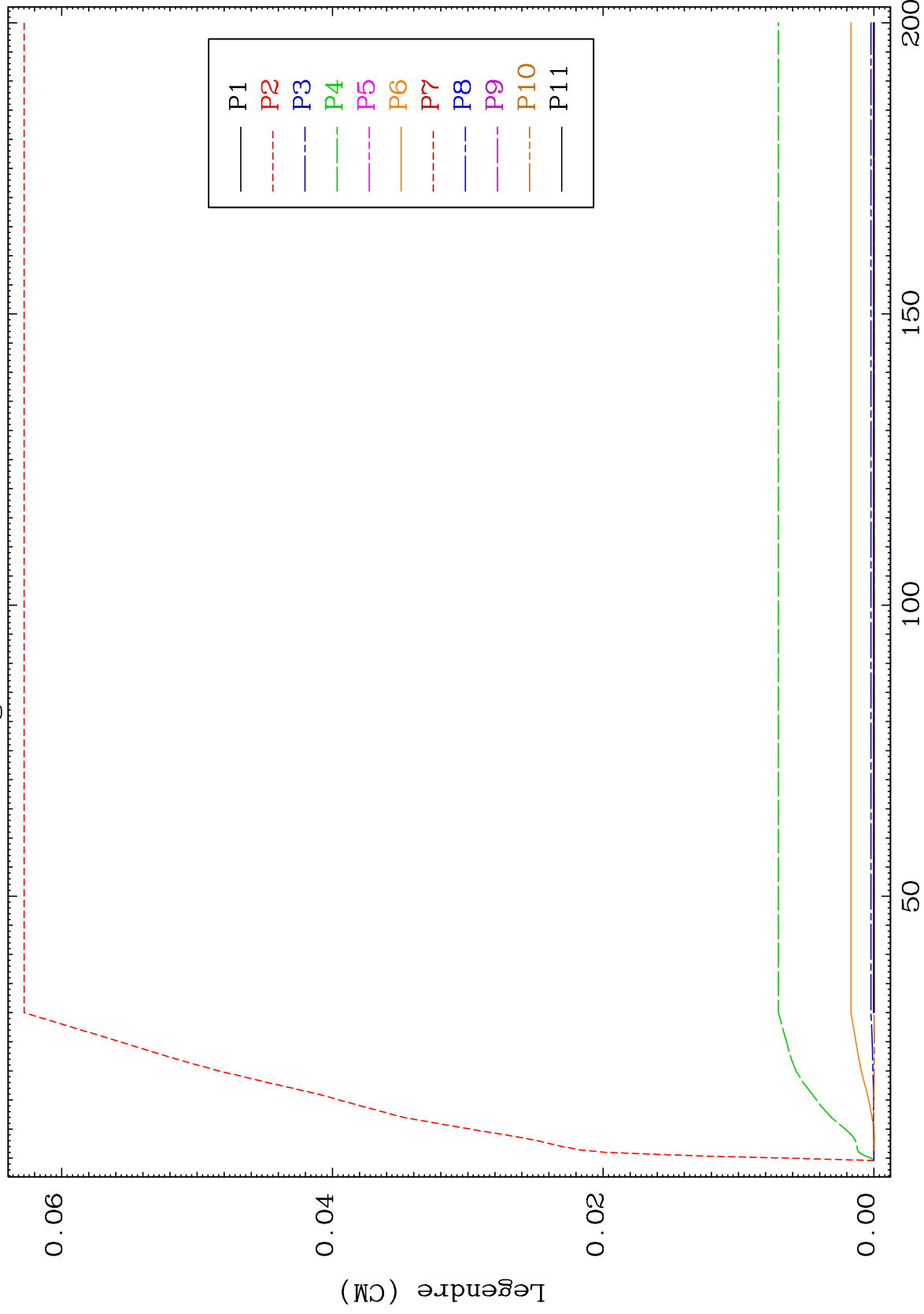
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



85

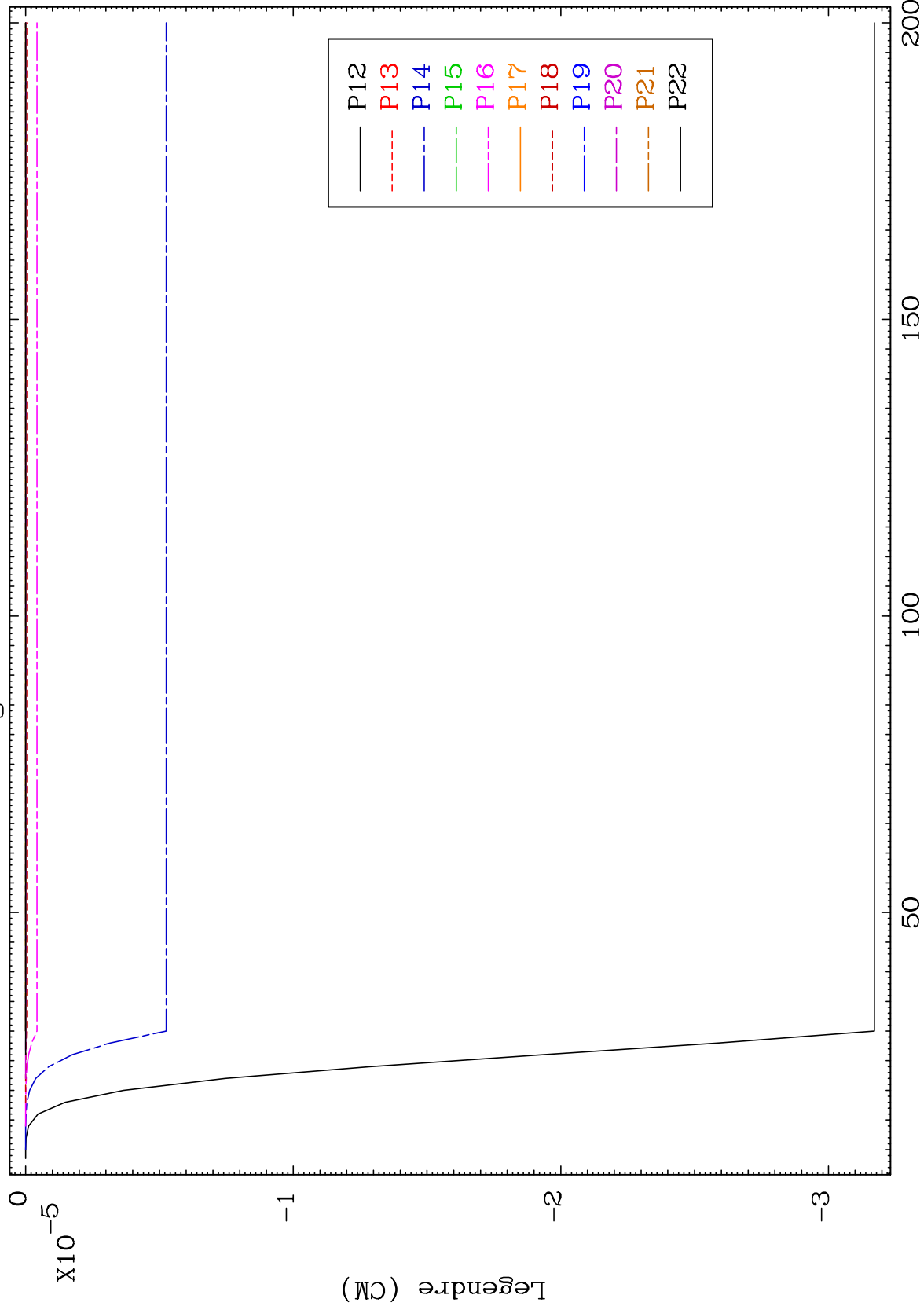
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

21-Sc-52



86

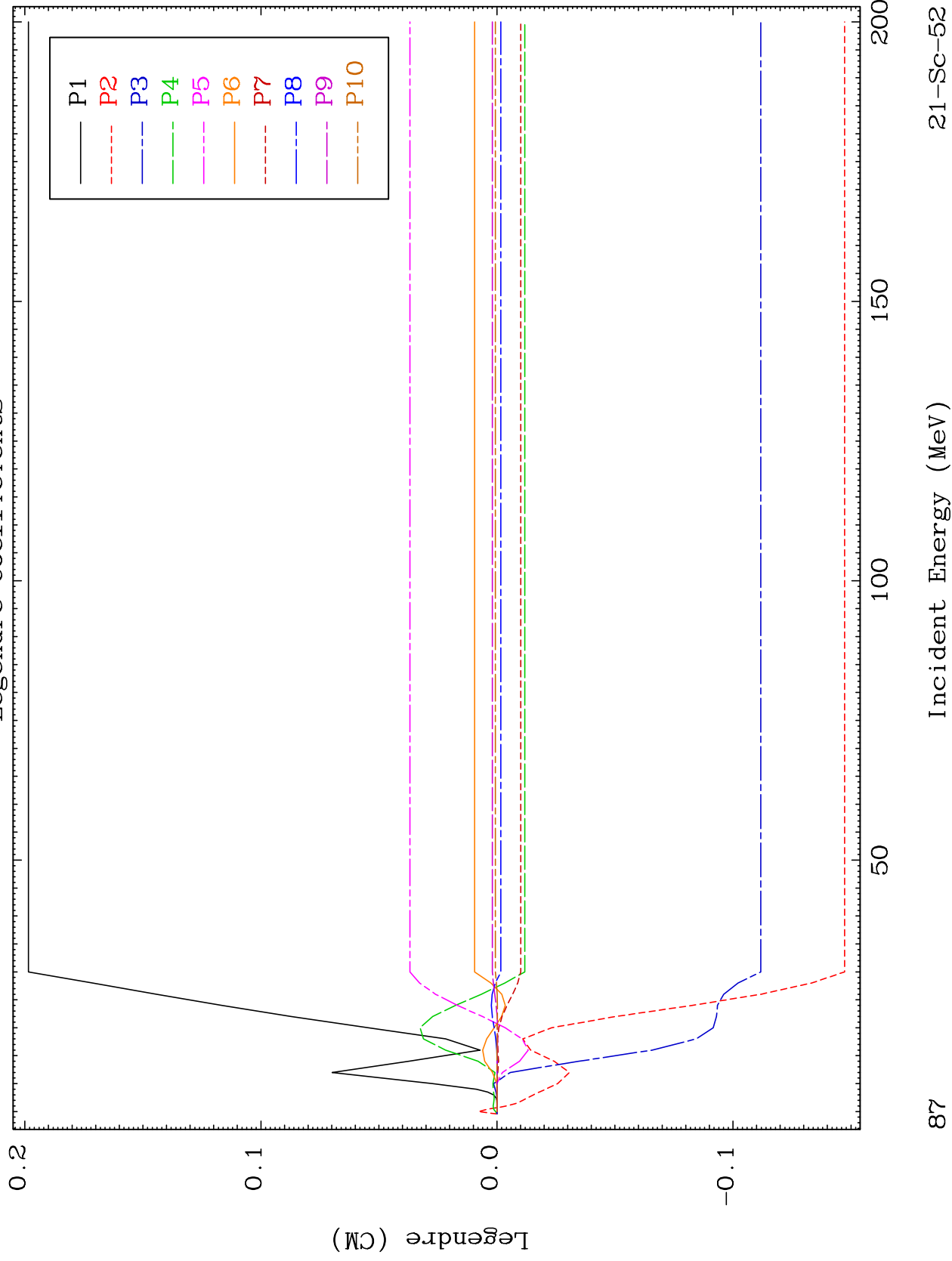
Incident Energy (MeV)

21-Sc-52

MAT 2146

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

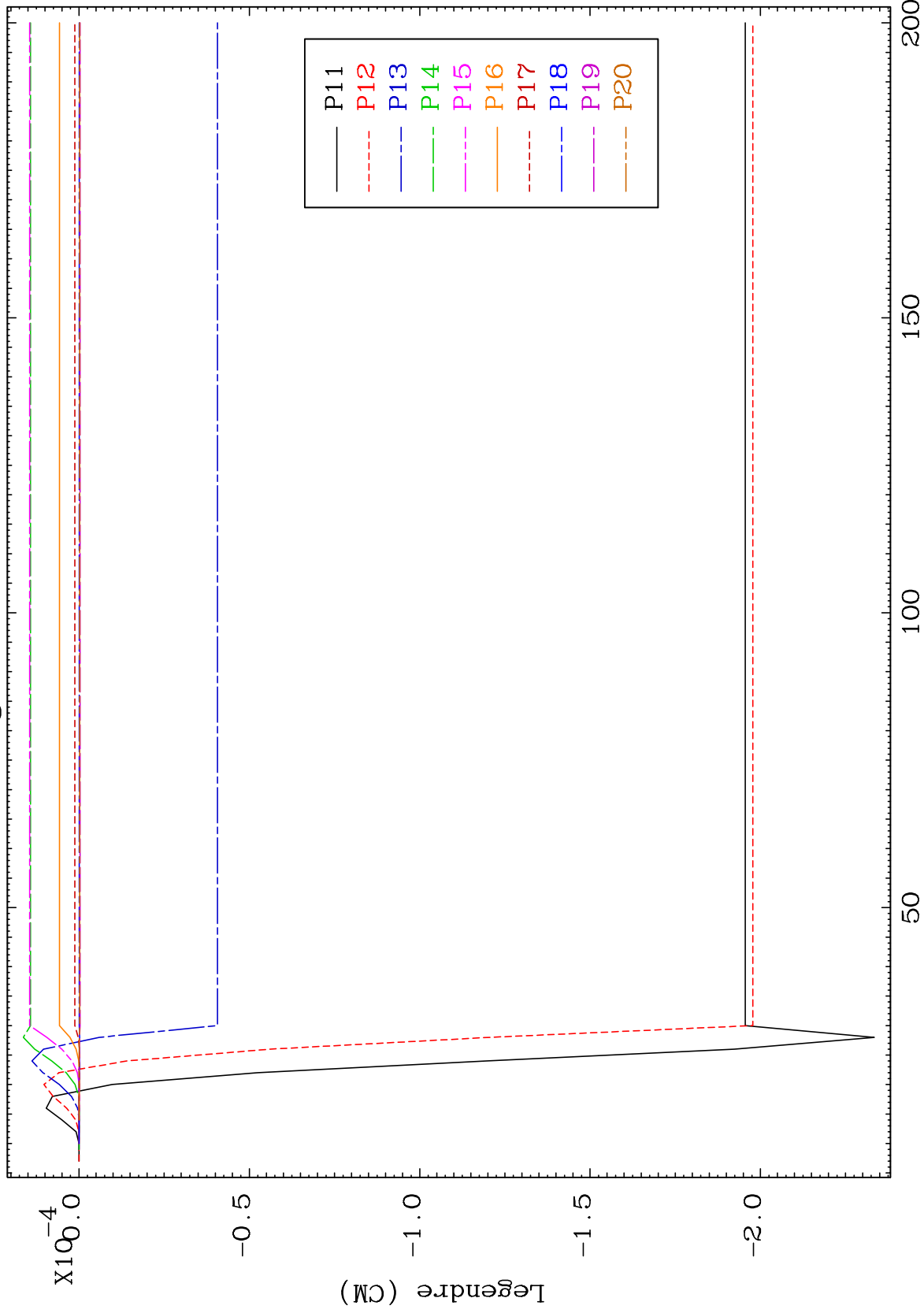
21-Sc-52

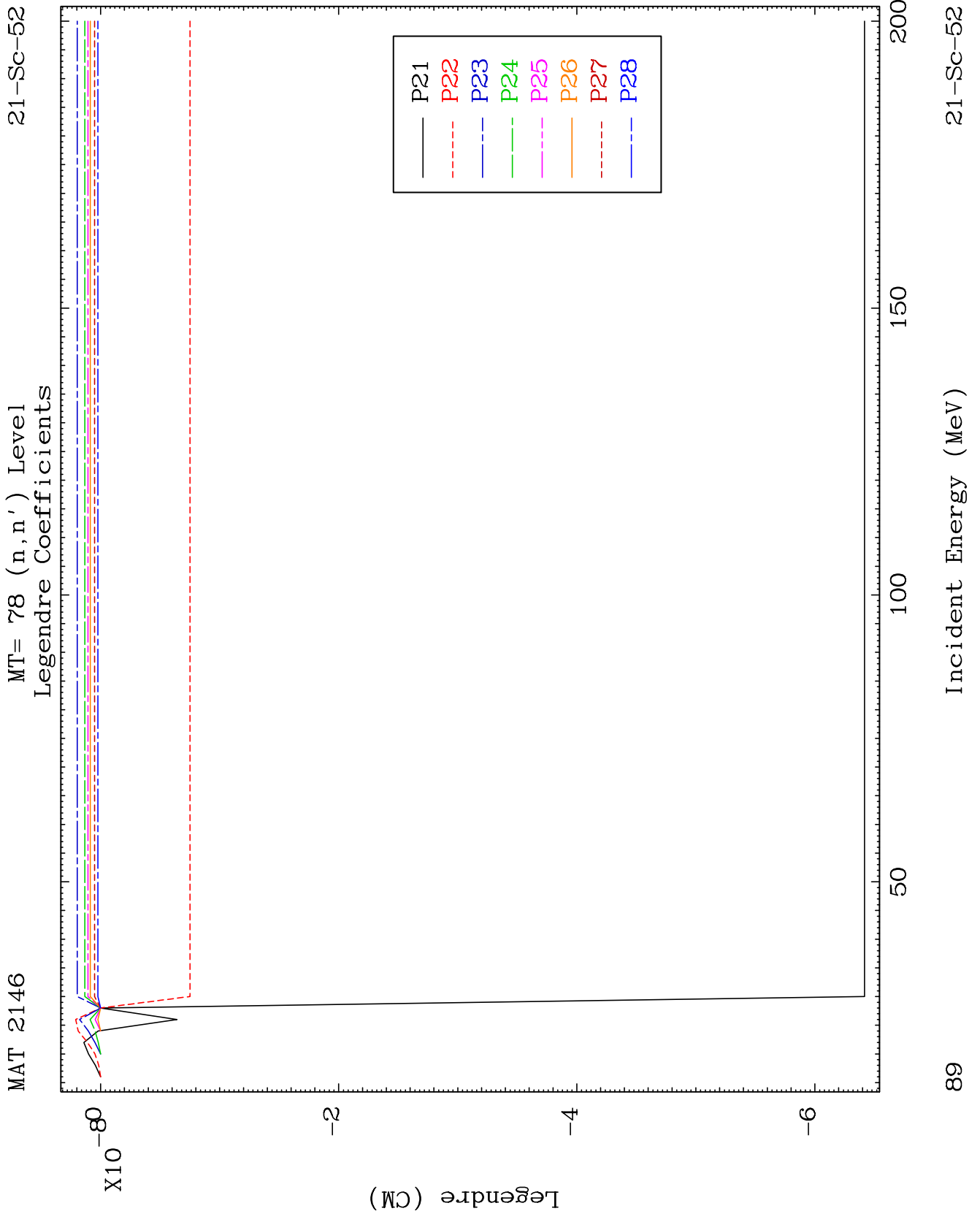


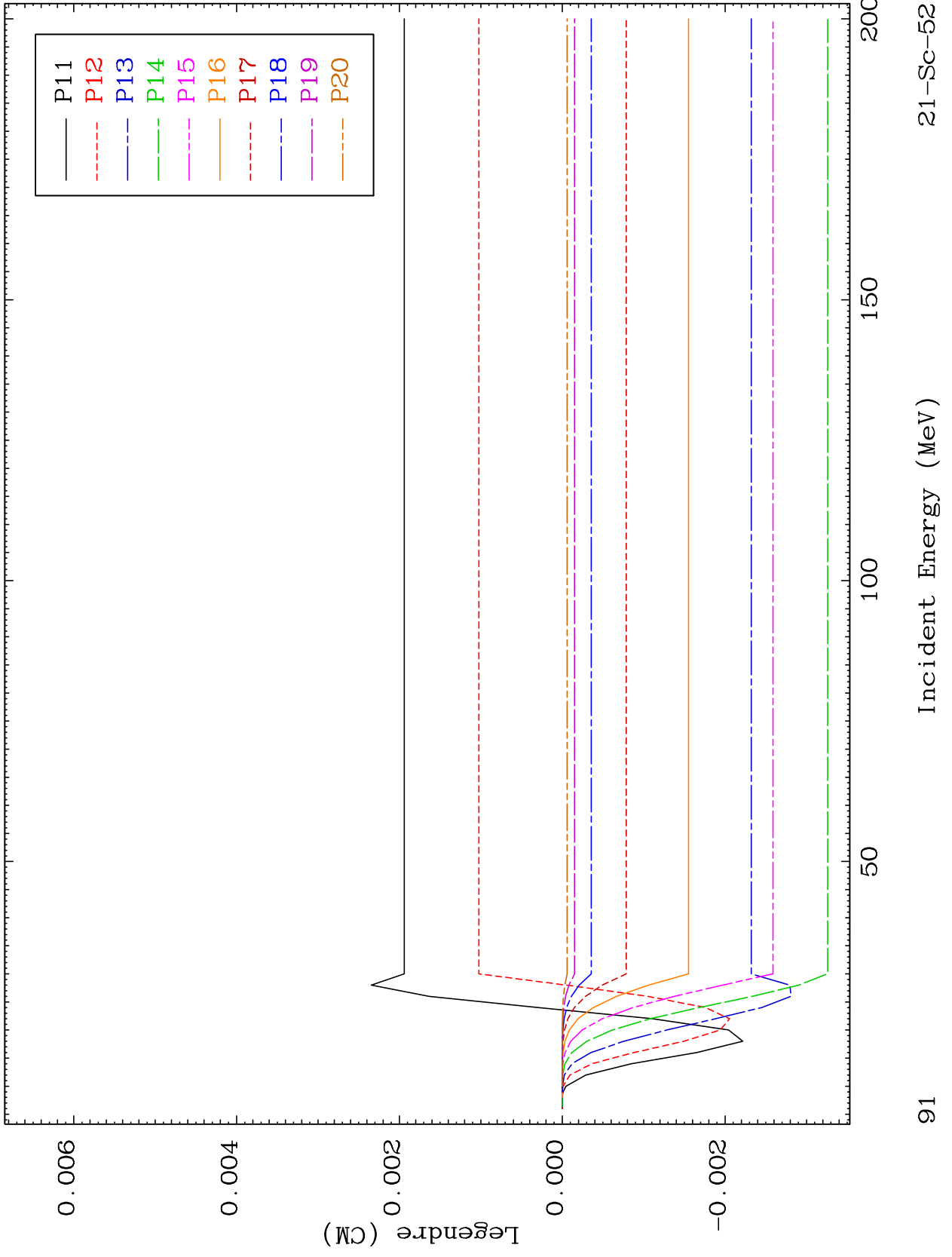
MAT 2146

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

21-Sc-52





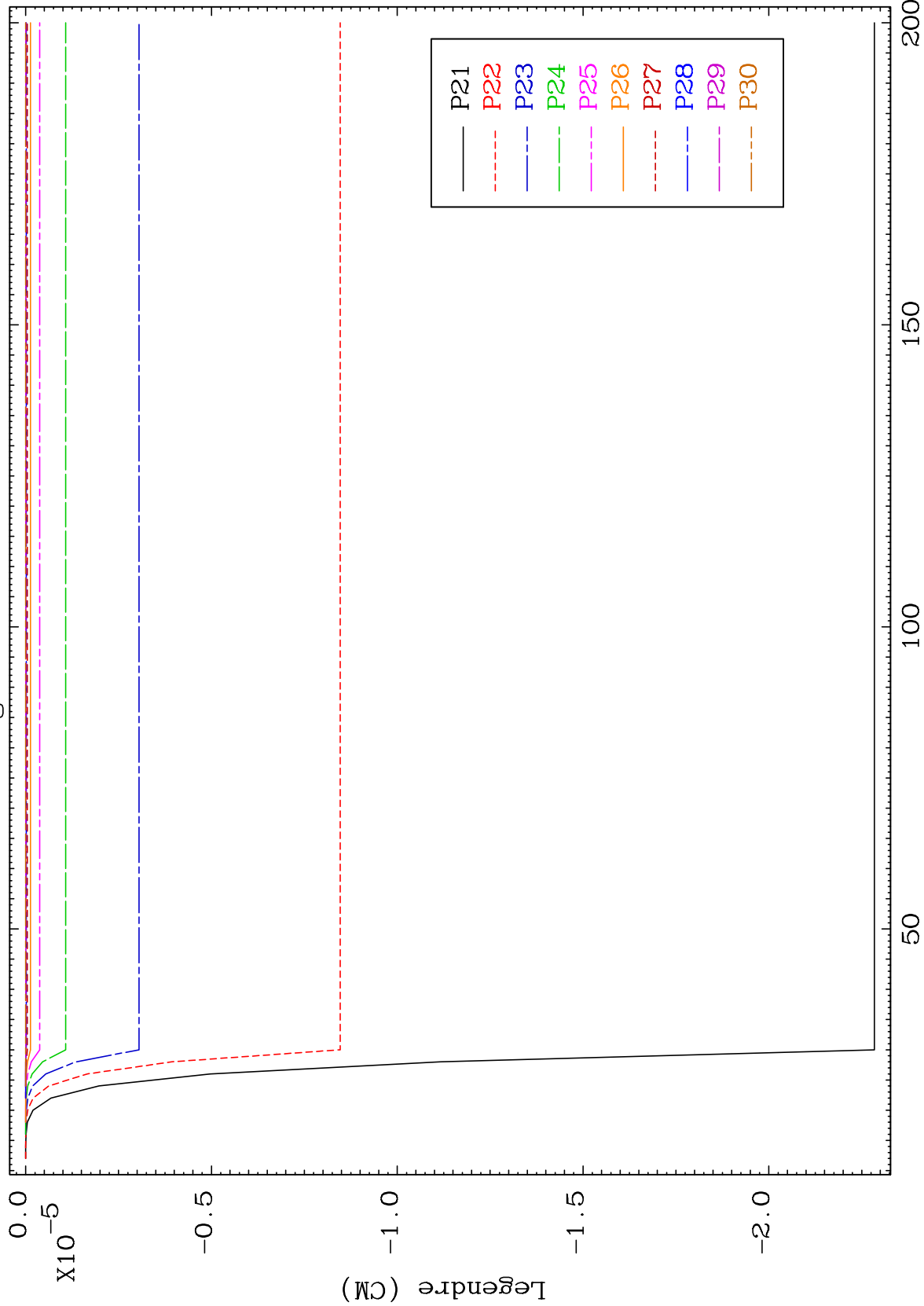


MAT 2146

MT= 79 (n,n') Level

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Legendre Coefficients

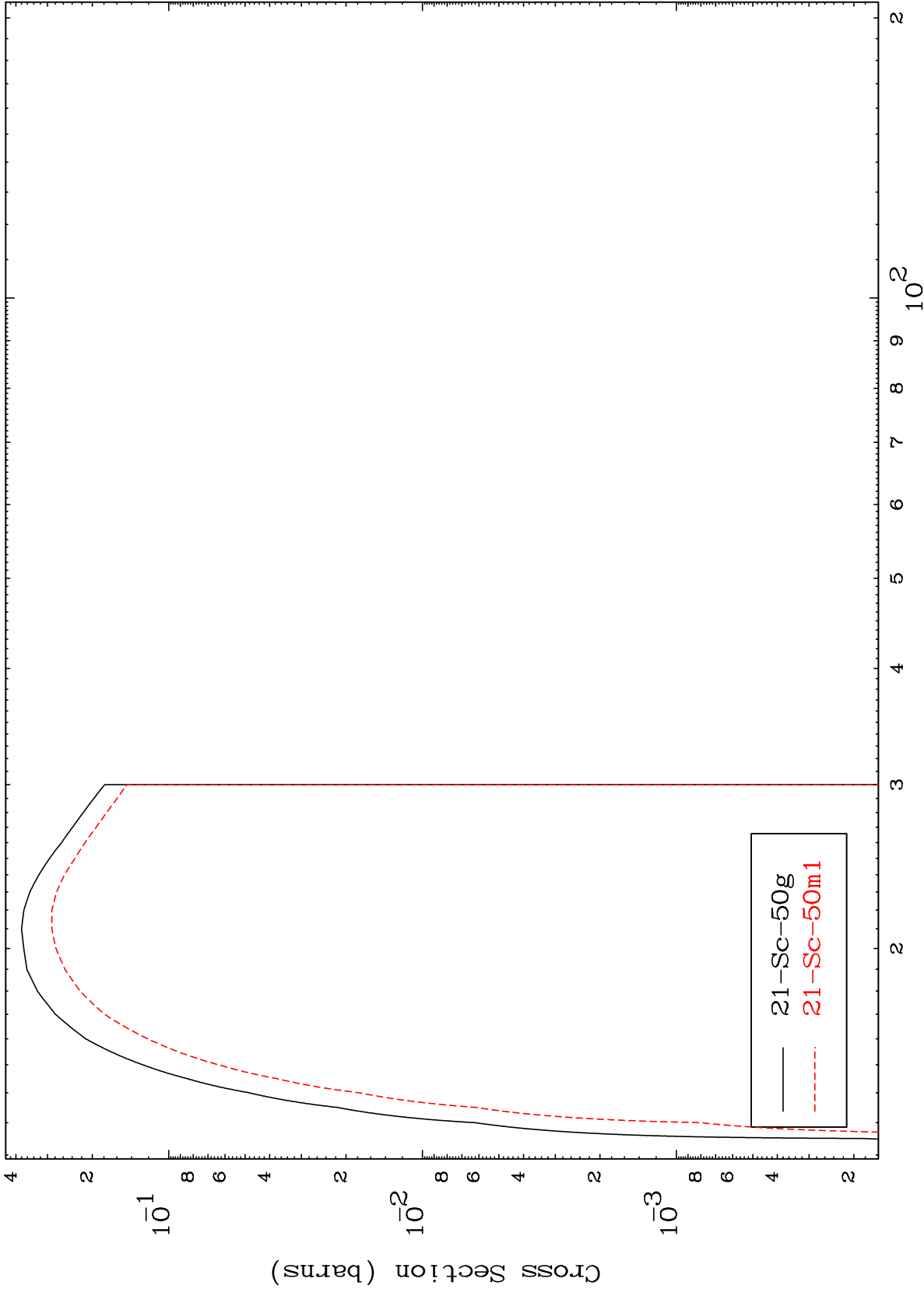


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(n,3n)

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Radionuclide Production Cross Section



Incident Energy (MeV)

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93