

Program EVALPLOT
(Version 2021-1)

by

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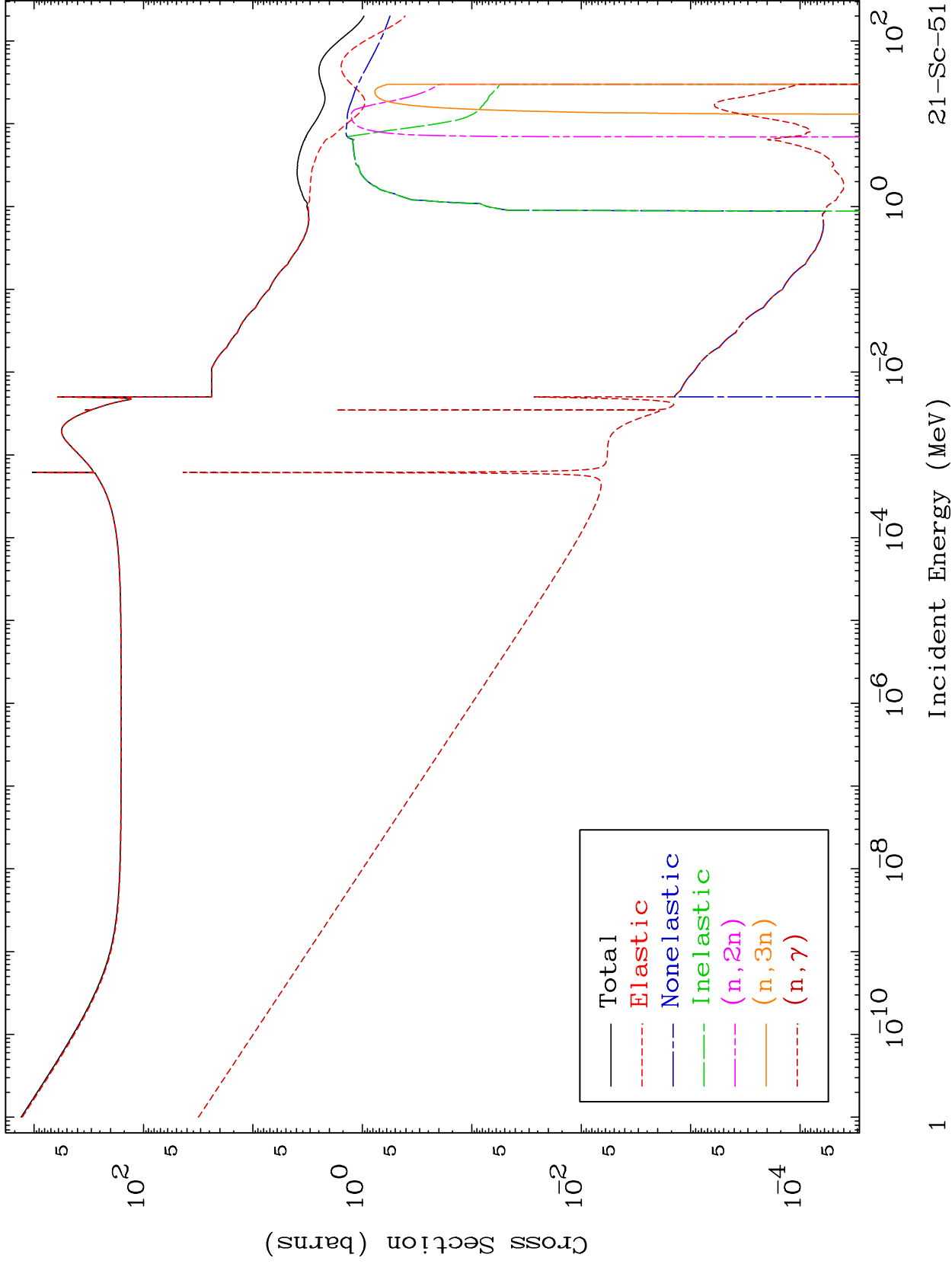
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Press Mouse Button to Start

MAT 2143

Neutron Major
293 Kelvin Cross Sections

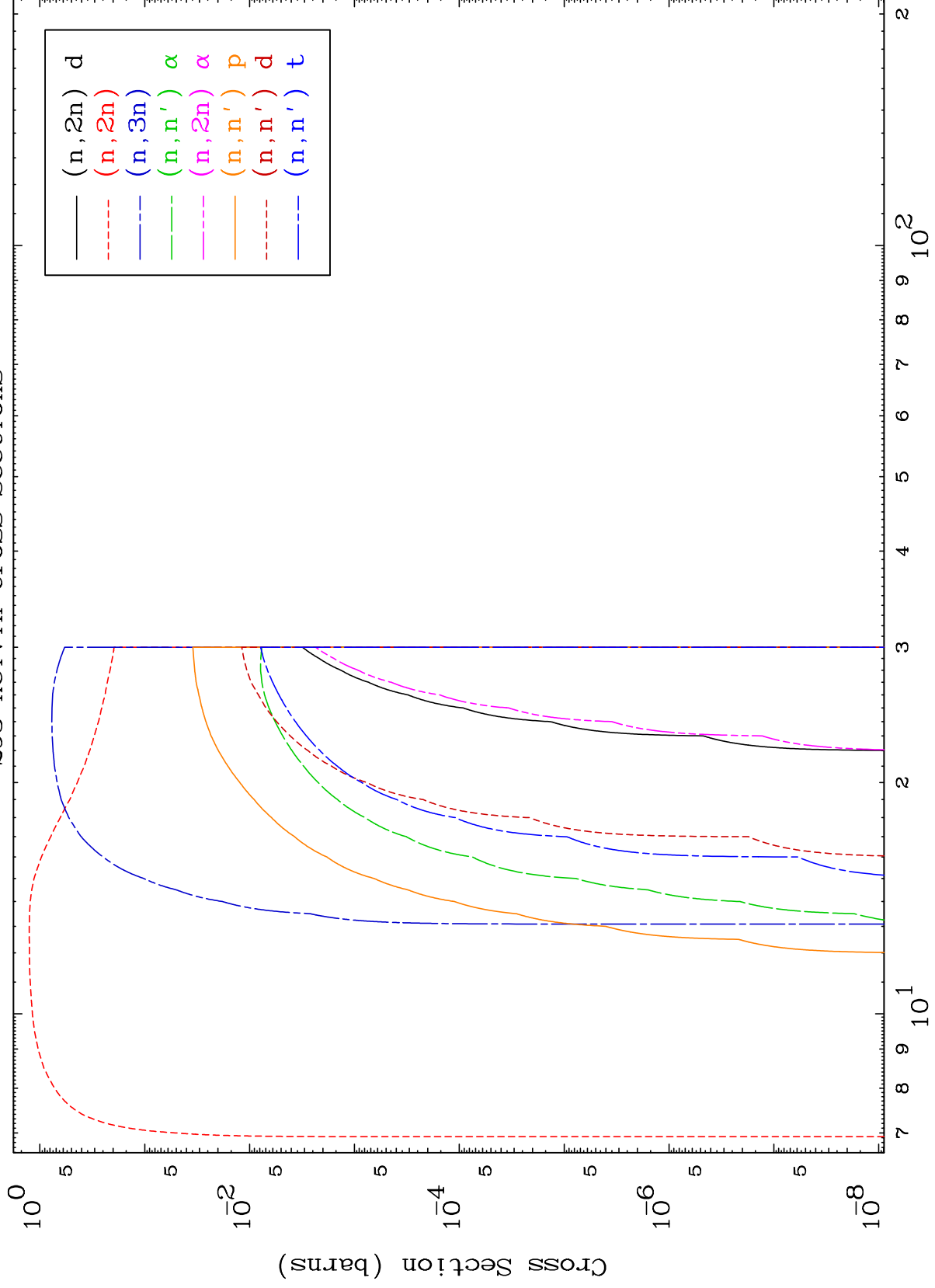
21-Sc-51



MAT 2143

Neutron Absorption
293 Kelvin Cross Sections

21-Sc-51



2

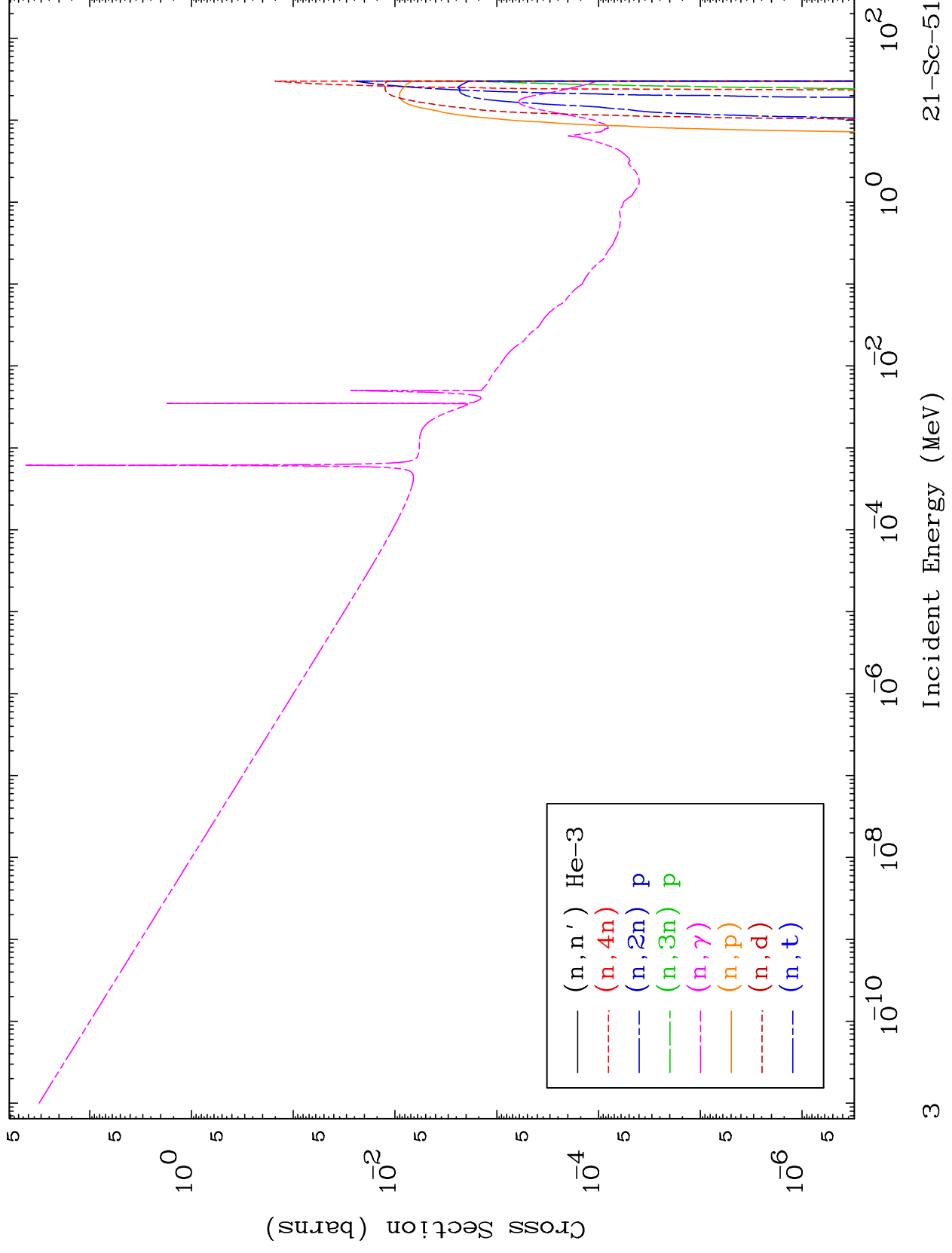
Incident Energy (MeV)

21-Sc-51

MAT 2143

Neutron Absorption
293 Kelvin Cross Sections

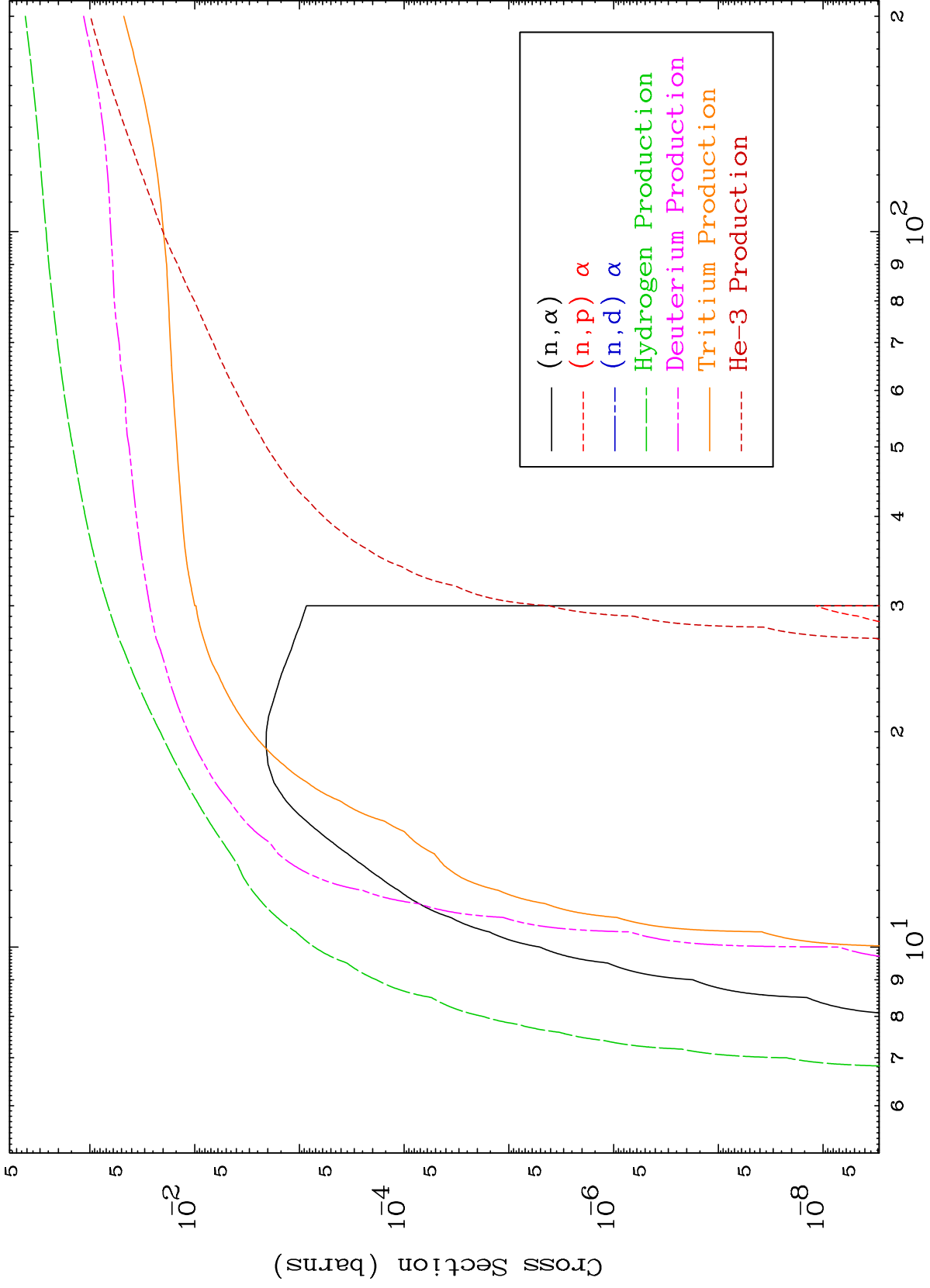
21-Sc-51



MAT 2143

Neutron Absorption
293 Kelvin Cross Sections

21-Sc-51



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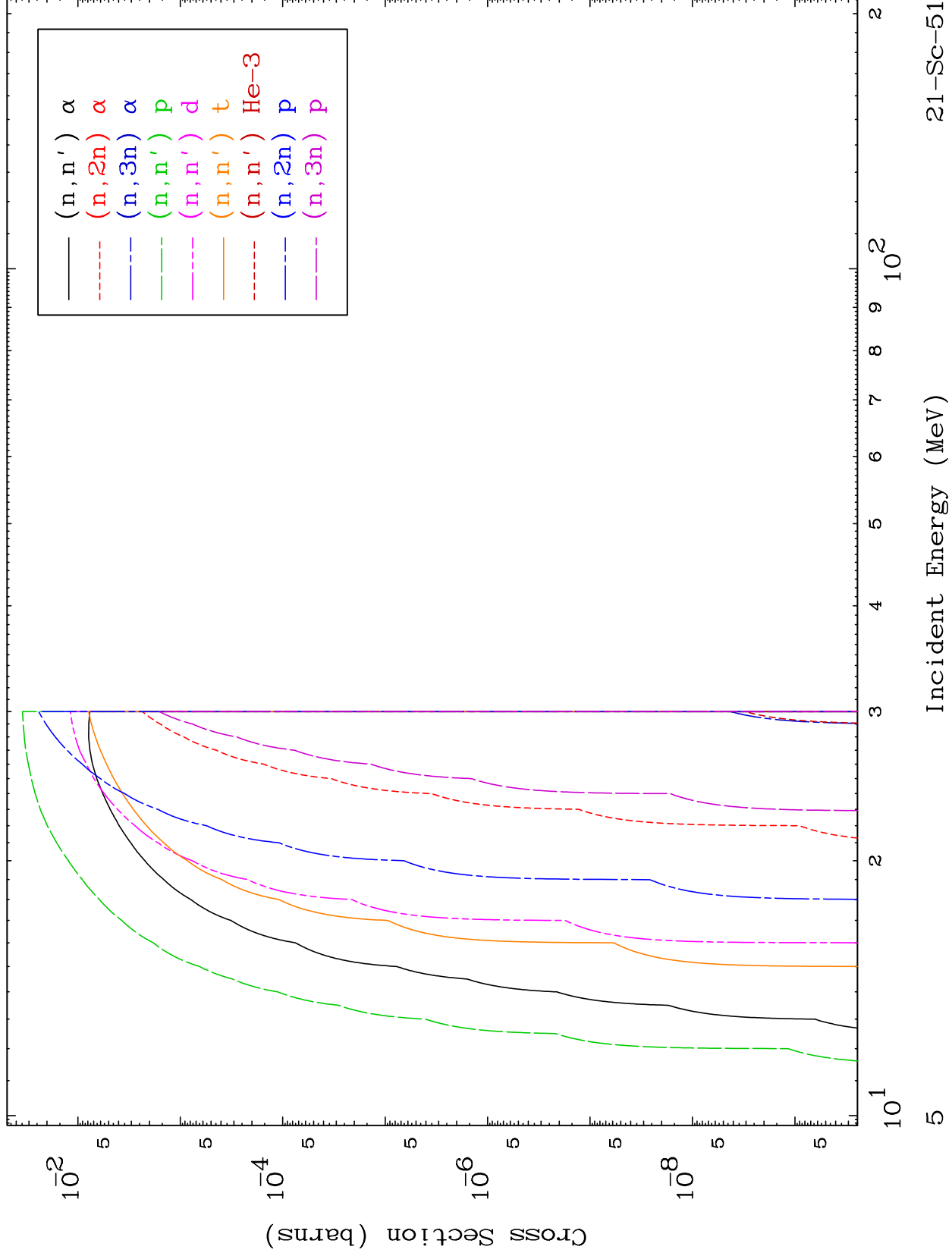
Incident Energy (MeV)

21-Sc-51

MAT 2143

Charged Particle
293 Kelvin Cross Sections

21-Sc-51

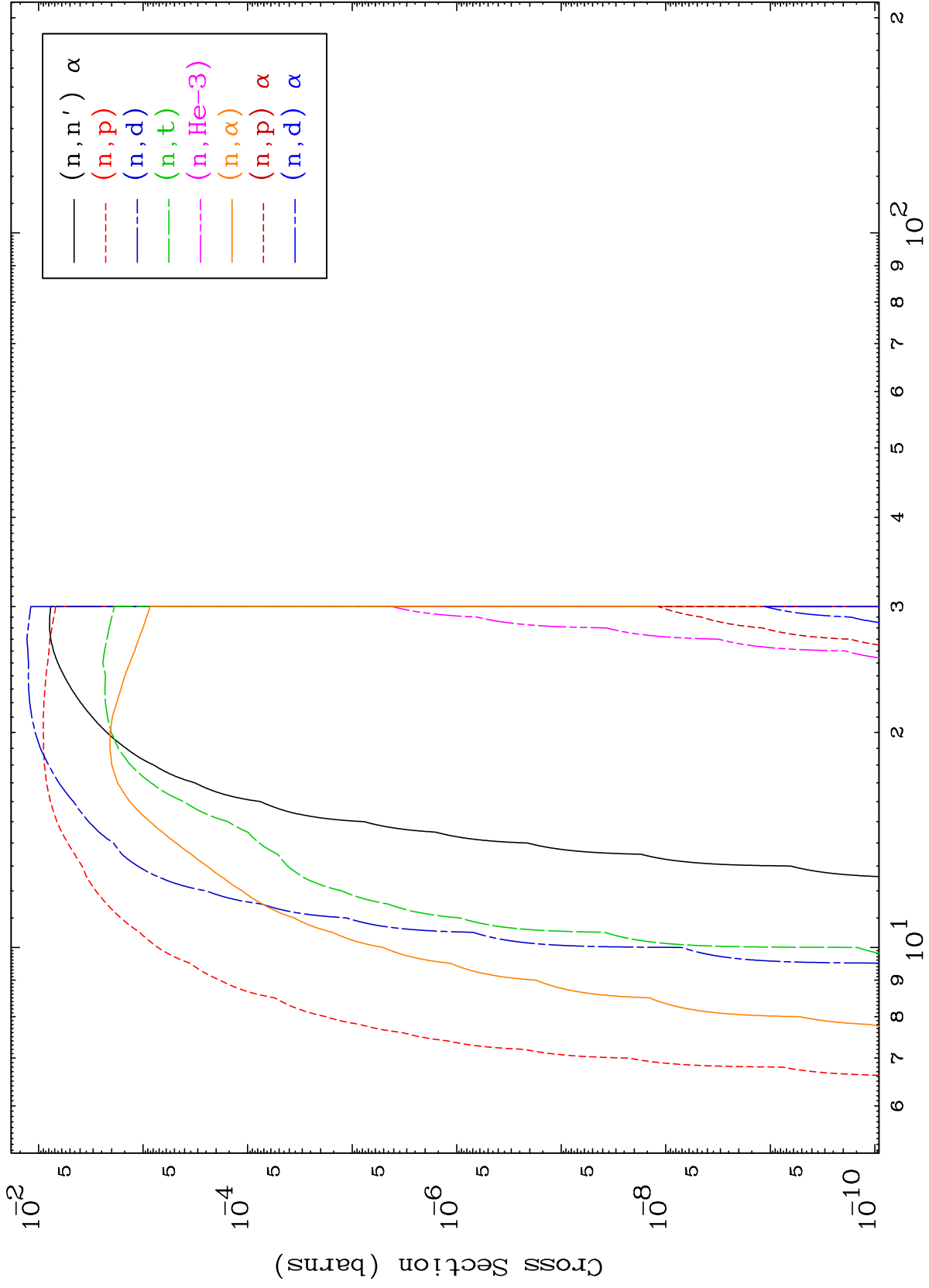


21-Sc-51

MAT 2143

Charged Particle
293 Kelvin Cross Sections

21-Sc-51



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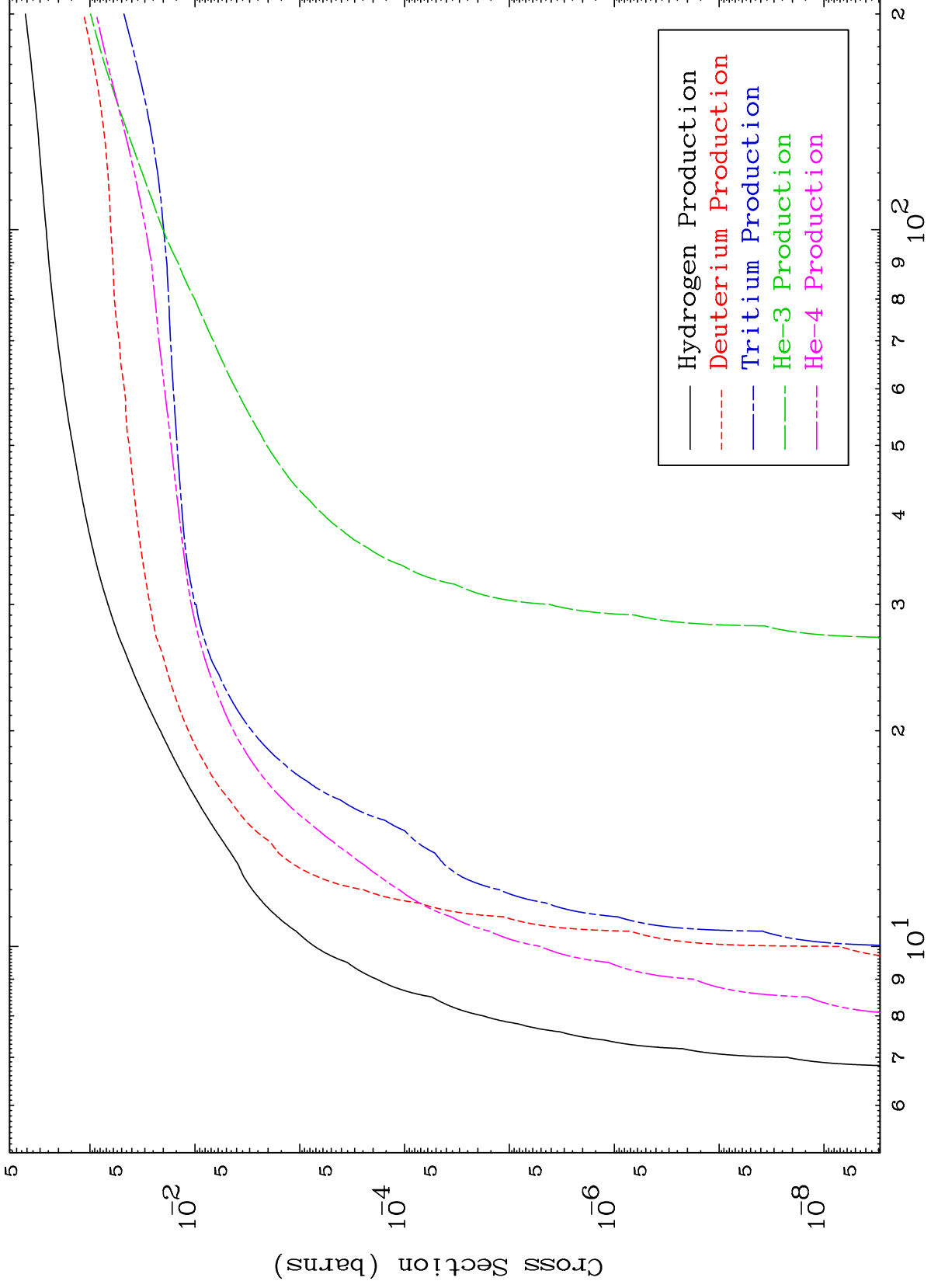
Incident Energy (MeV)

21-Sc-51

MAT 2143

Particle Production
293 Kelvin Cross Sections

21-Sc-51

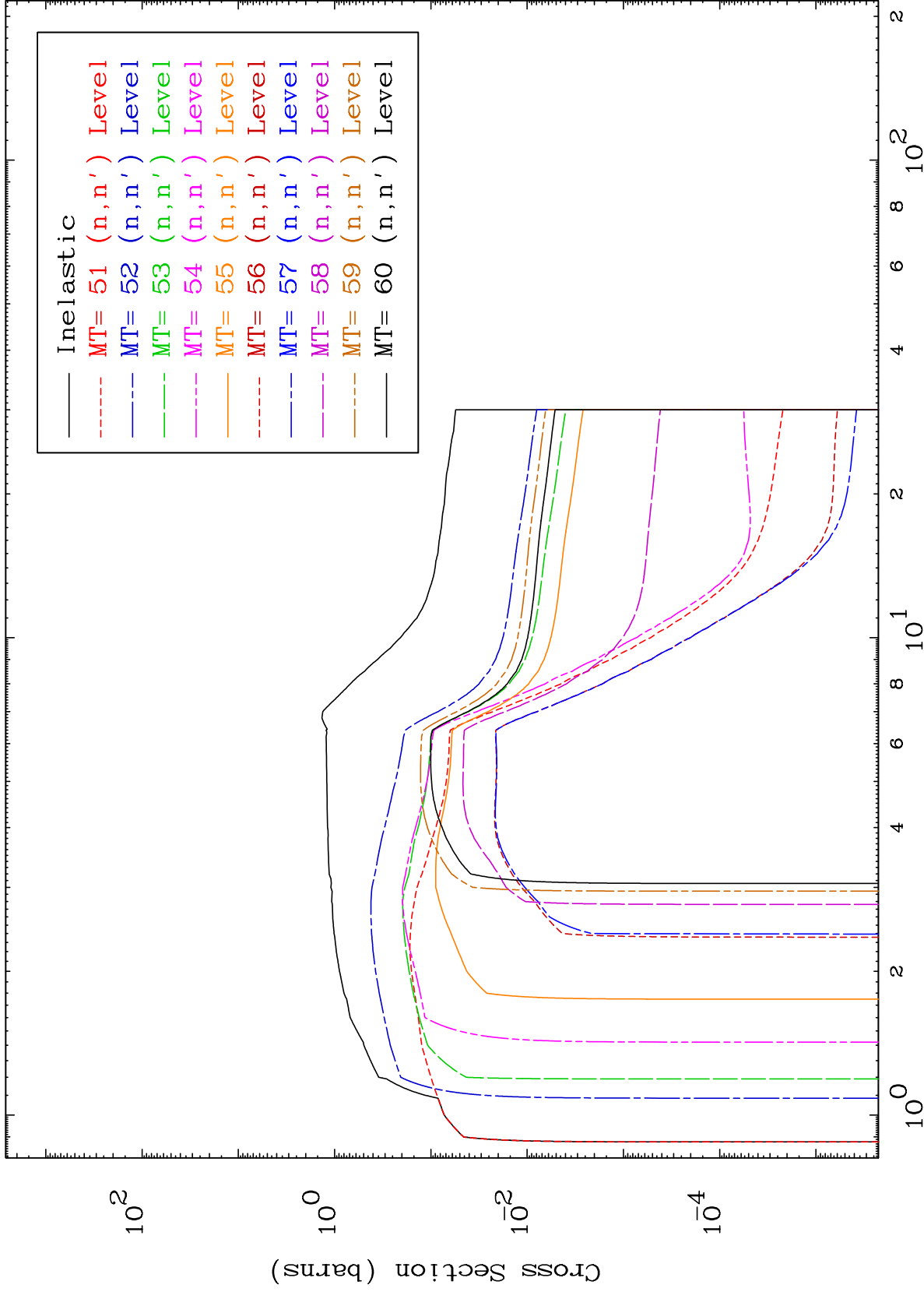


MAT 2143

(n,n') Levels

293 Kelvin Cross Sections

21-Sc-51



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Incident Energy (MeV)

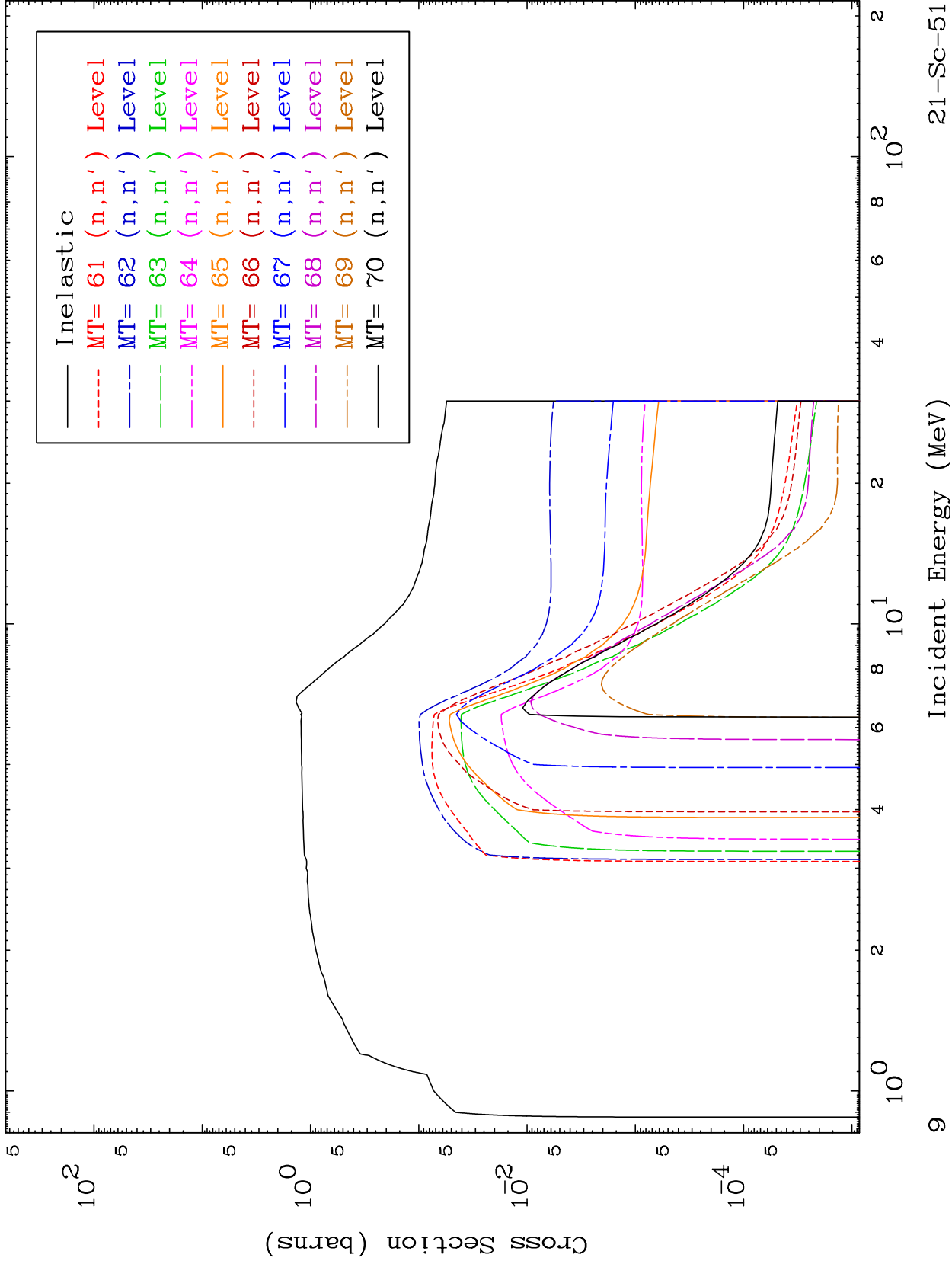
21-Sc-51

MAT 2143

(n,n') Levels

293 Kelvin Cross Sections

21-Sc-51



9

Incident Energy (MeV)

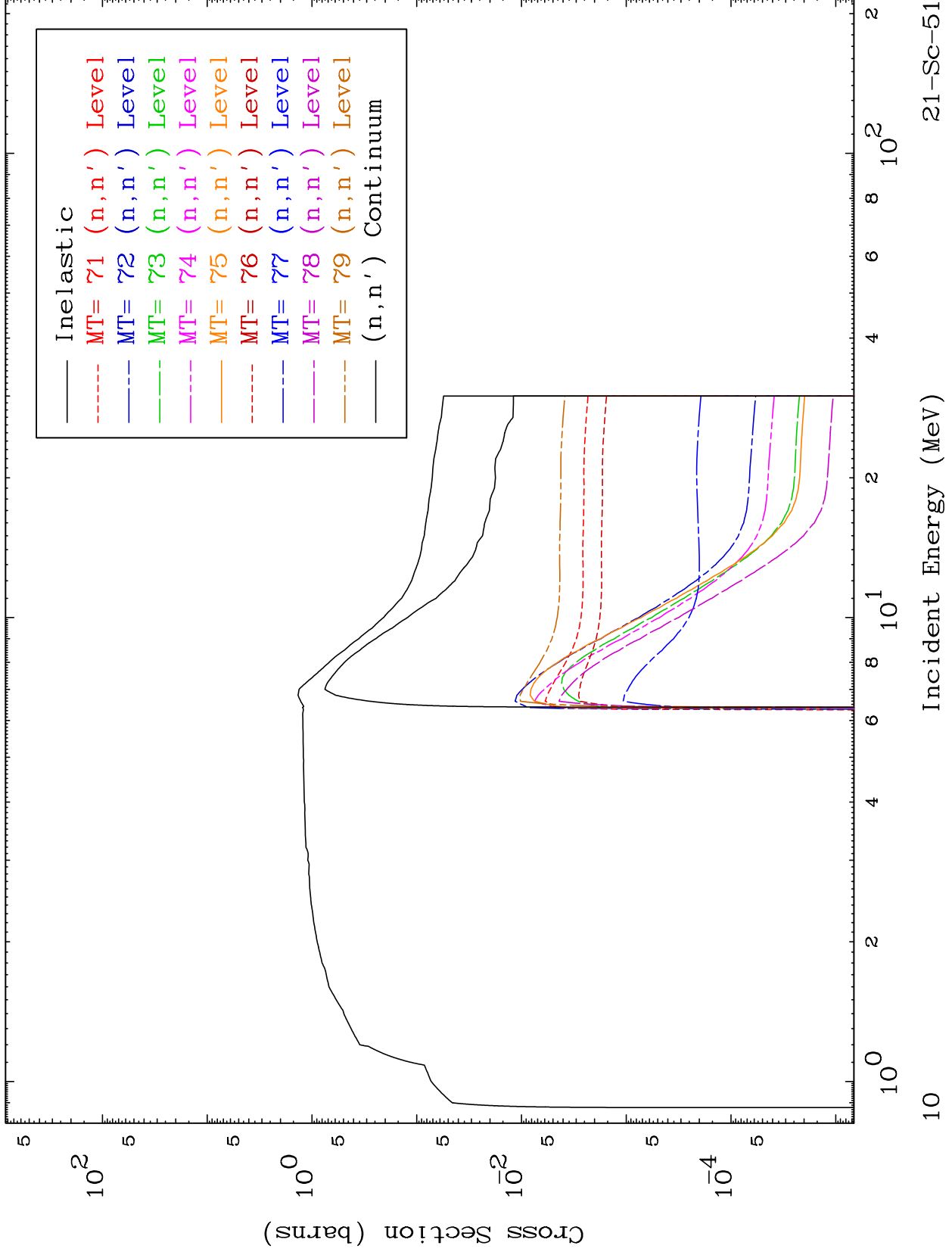
21-Sc-51

MAT 2143

(n,n') Levels

293 Kelvin Cross Sections

21-Sc-51

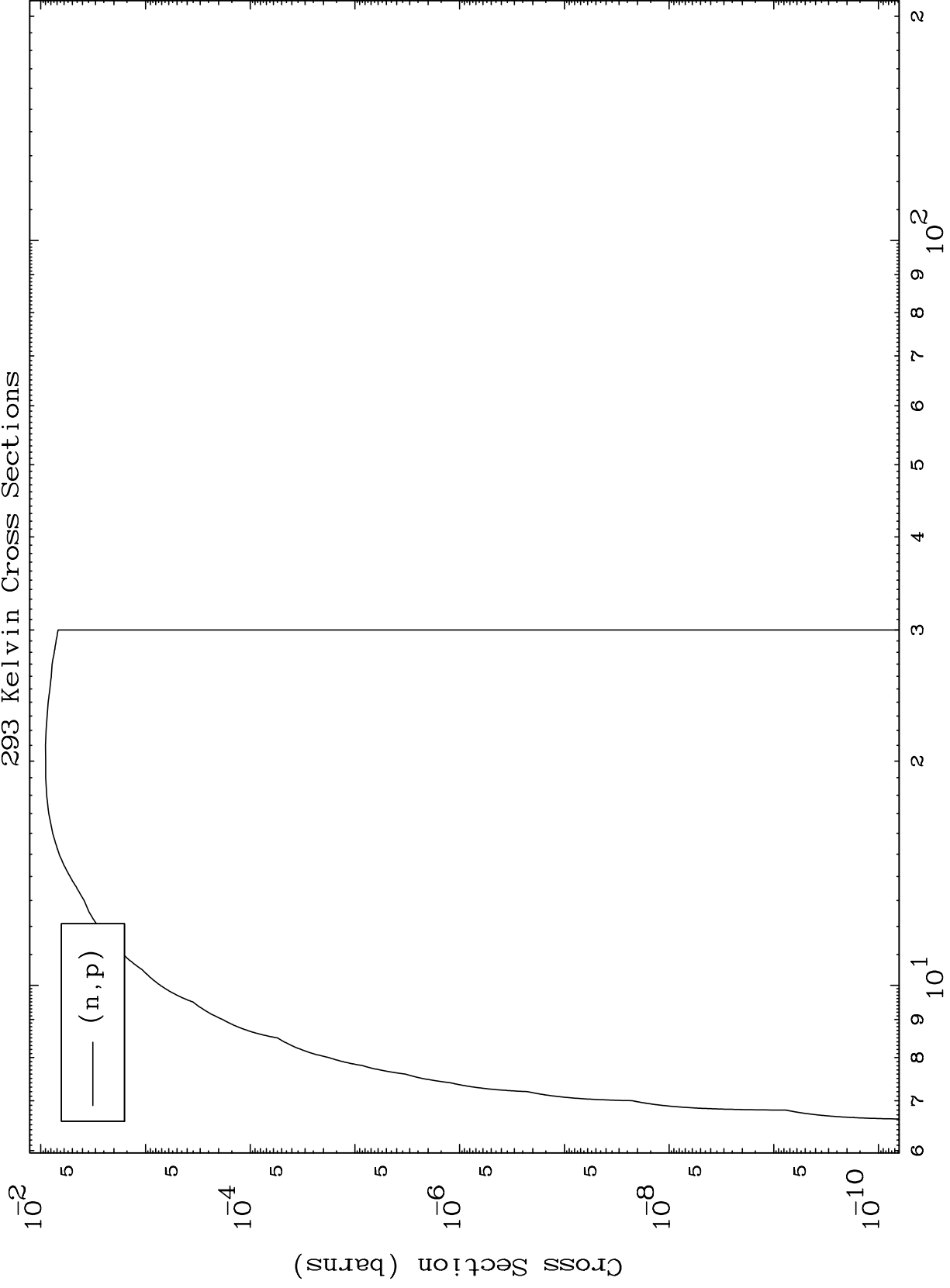


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MAT 2143

(n,p) Levels
293 Kelvin Cross Sections

21-Sc-51



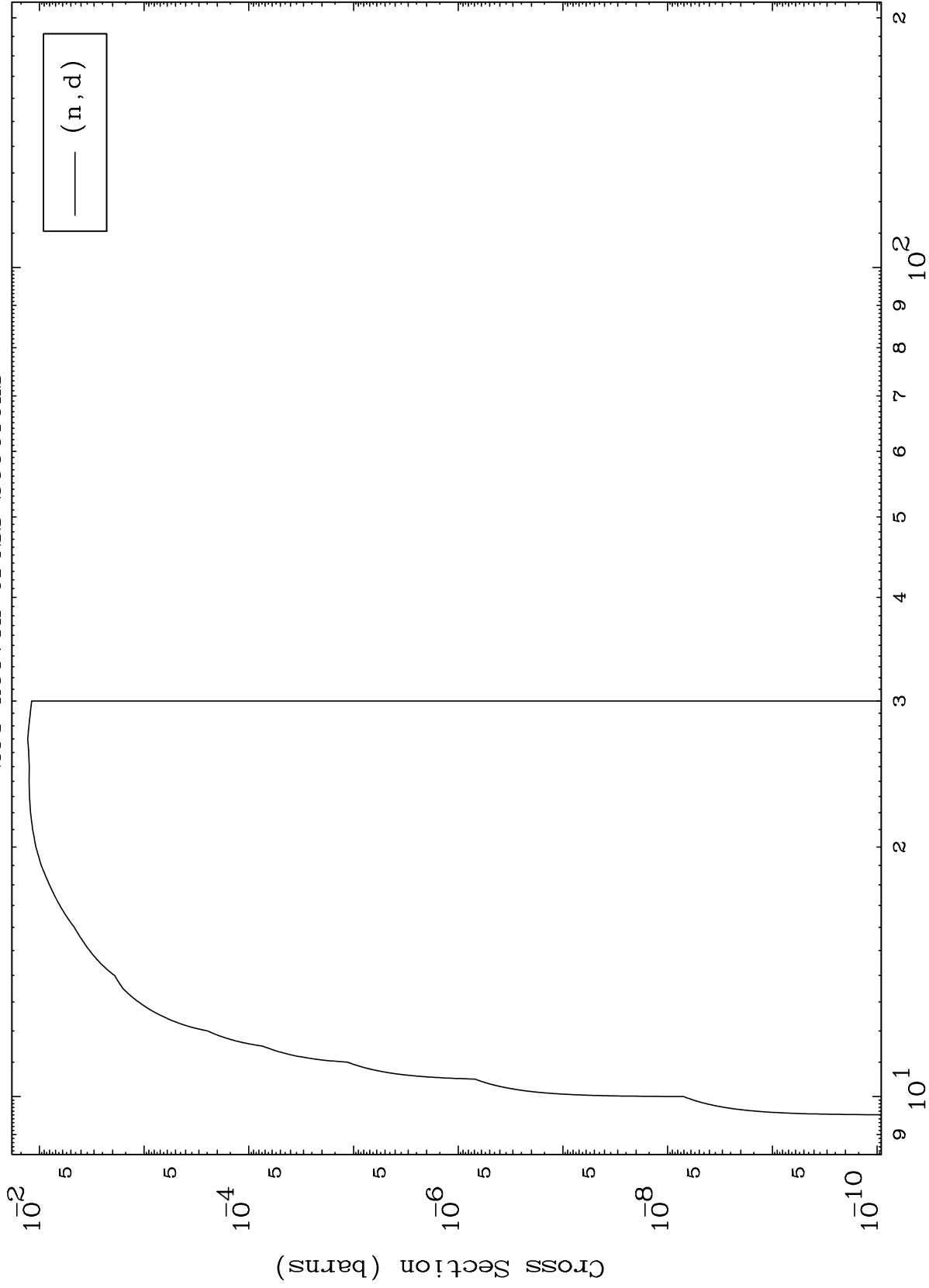
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MAT 2143

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-51



12

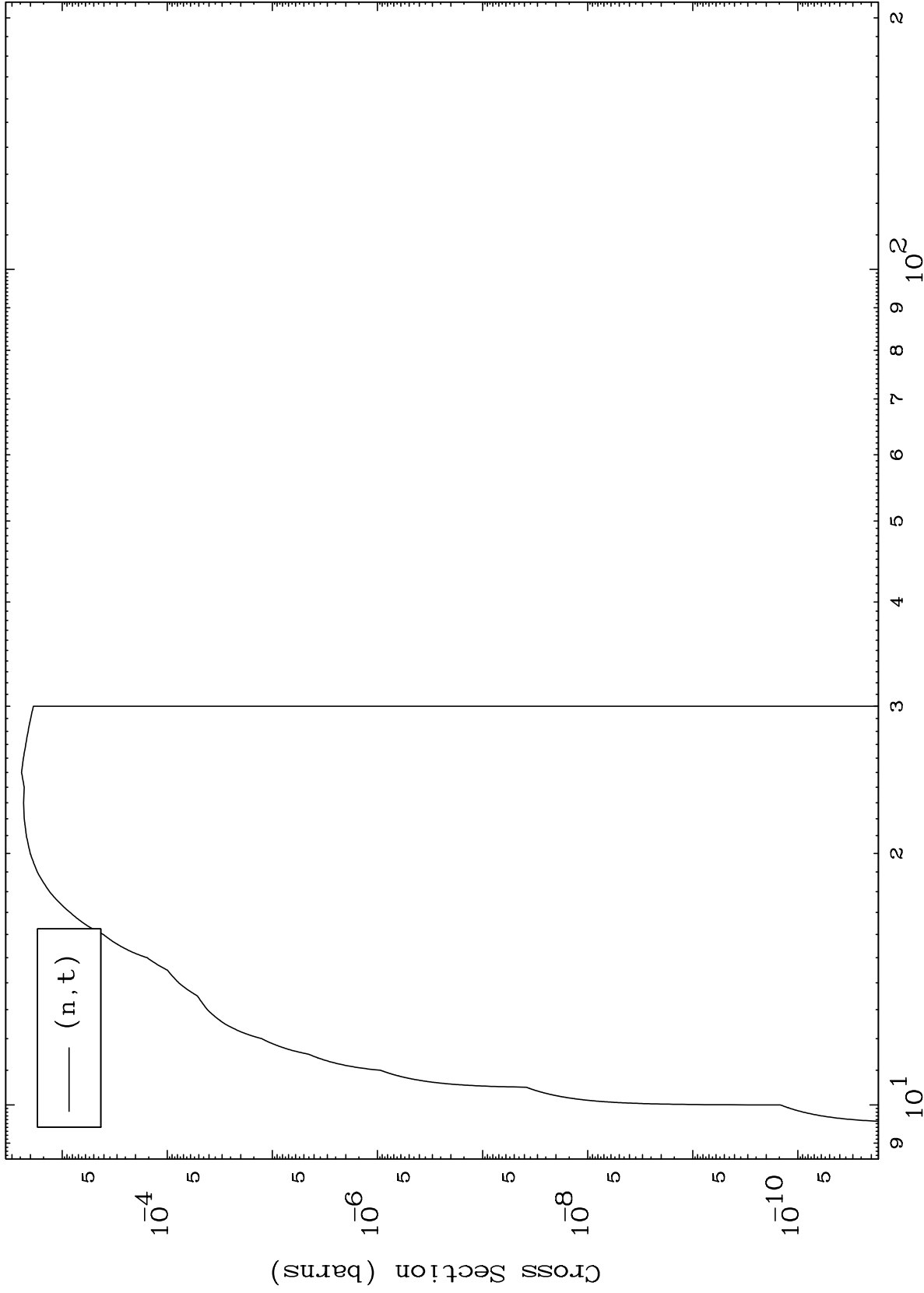
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n,t) Levels
293 Kelvin Cross Sections

21-Sc-51



13

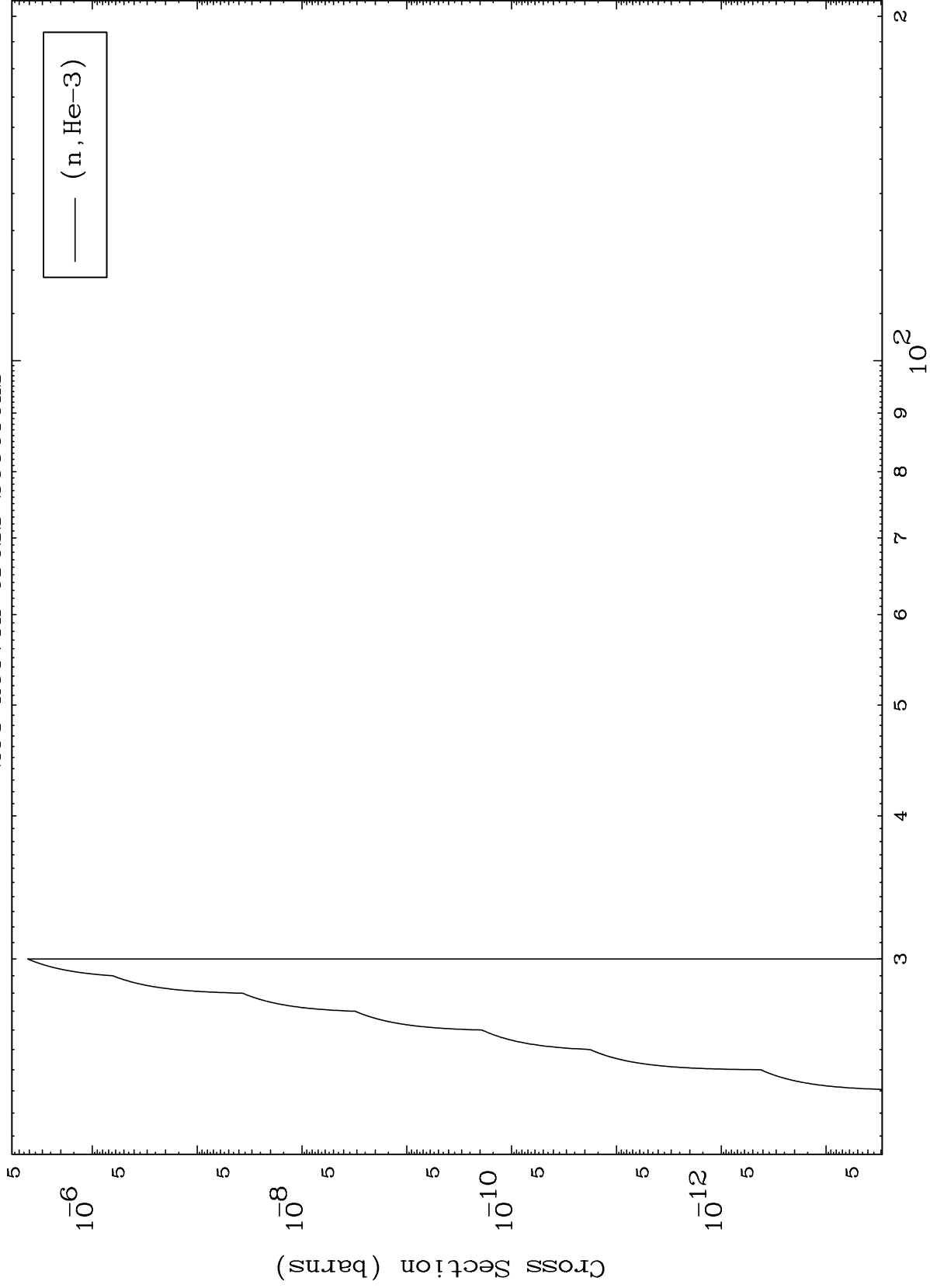
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-51



14

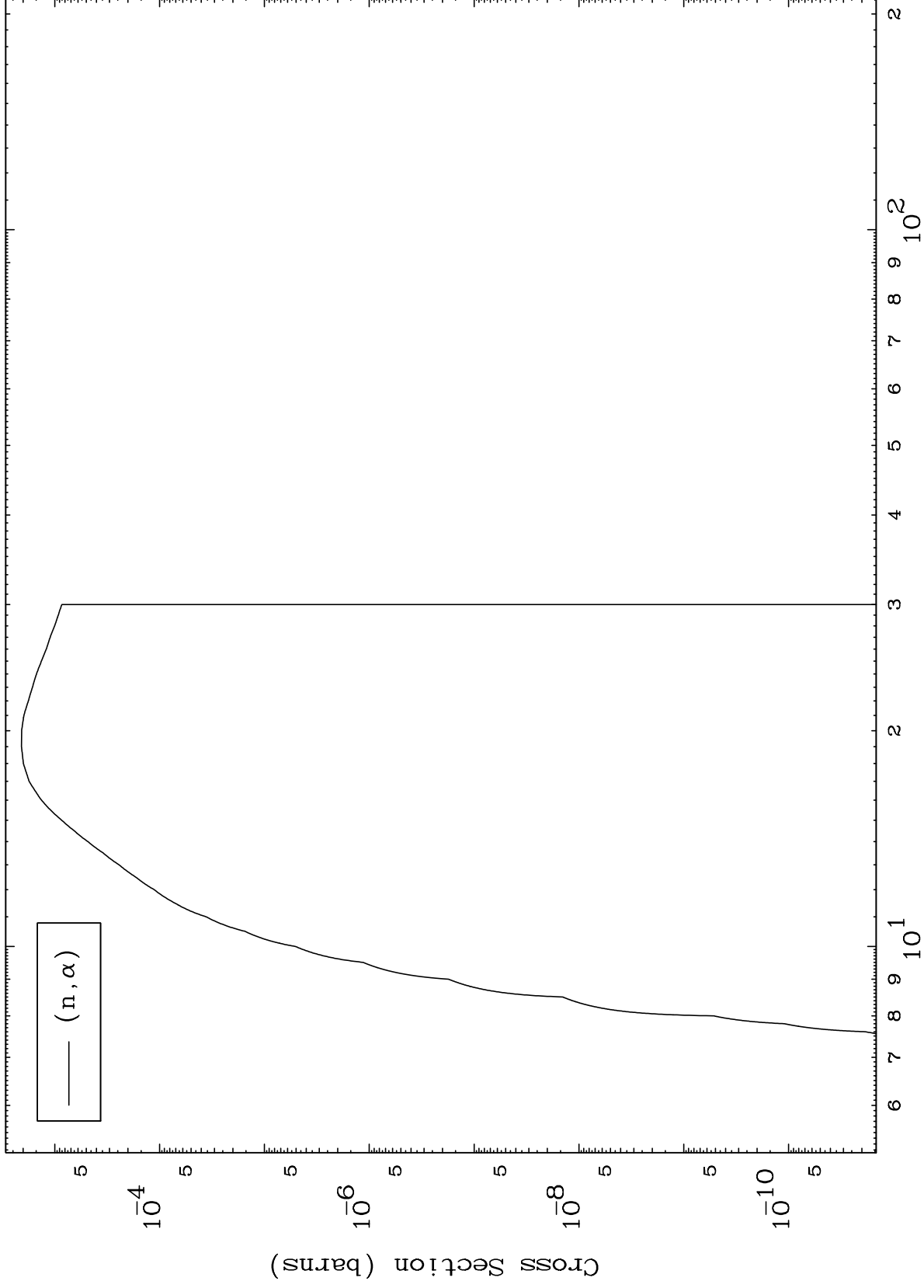
Incident Energy (MeV)

21-Sc-51

MAT 2143

(n, α) Levels
293 Kelvin Cross Sections

21-Sc-51



15

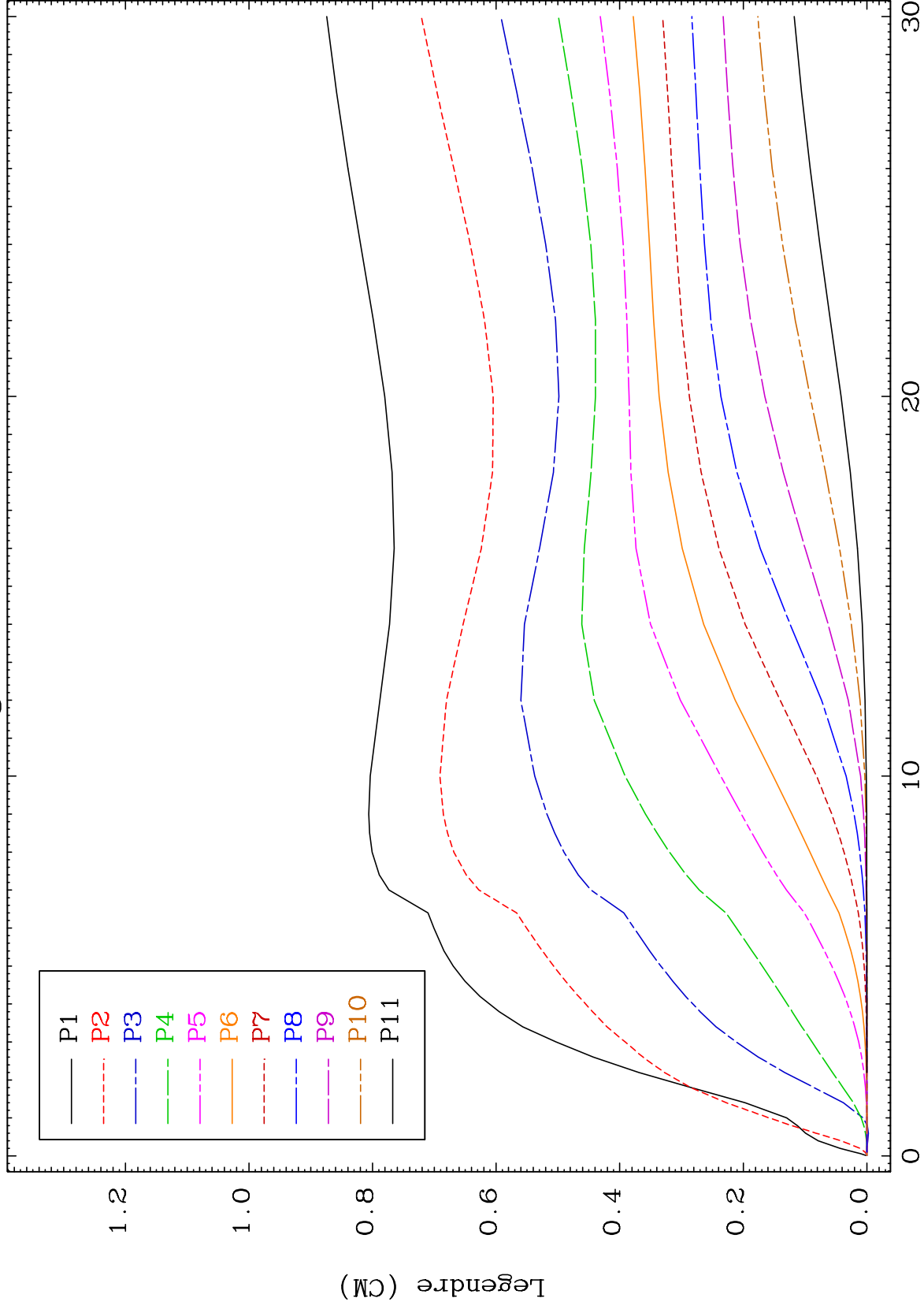
Incident Energy (MeV)

21-Sc-51

MAT 2143

Elastic Legendre Coefficients

21-Sc-51



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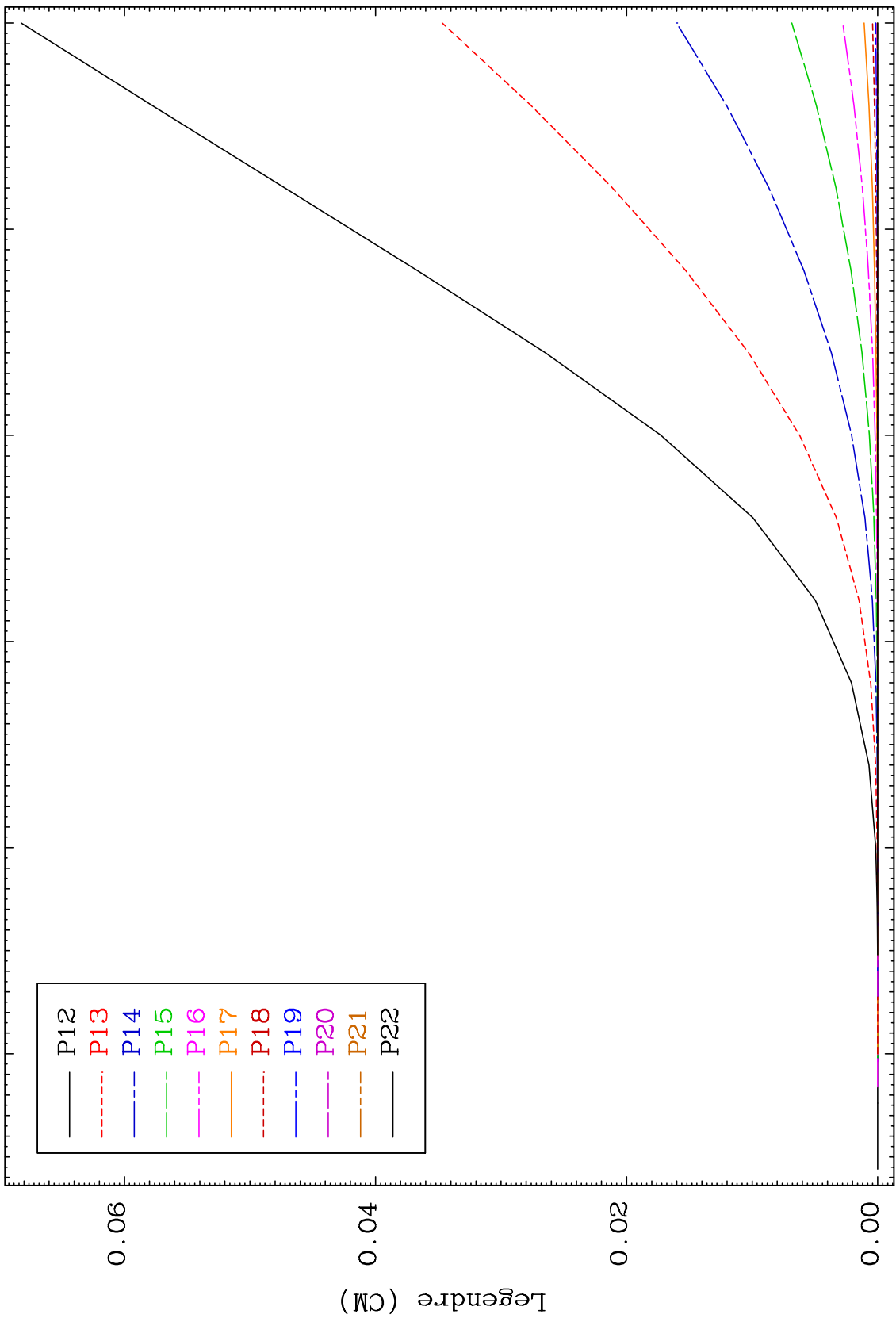
Incident Energy (MeV)

21-Sc-51

MAT 2143

Elastic
Legendre Coefficients

21-Sc-51



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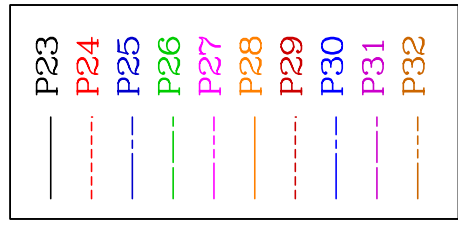
Incident Energy (MeV)

21-Sc-51

MAT 2143

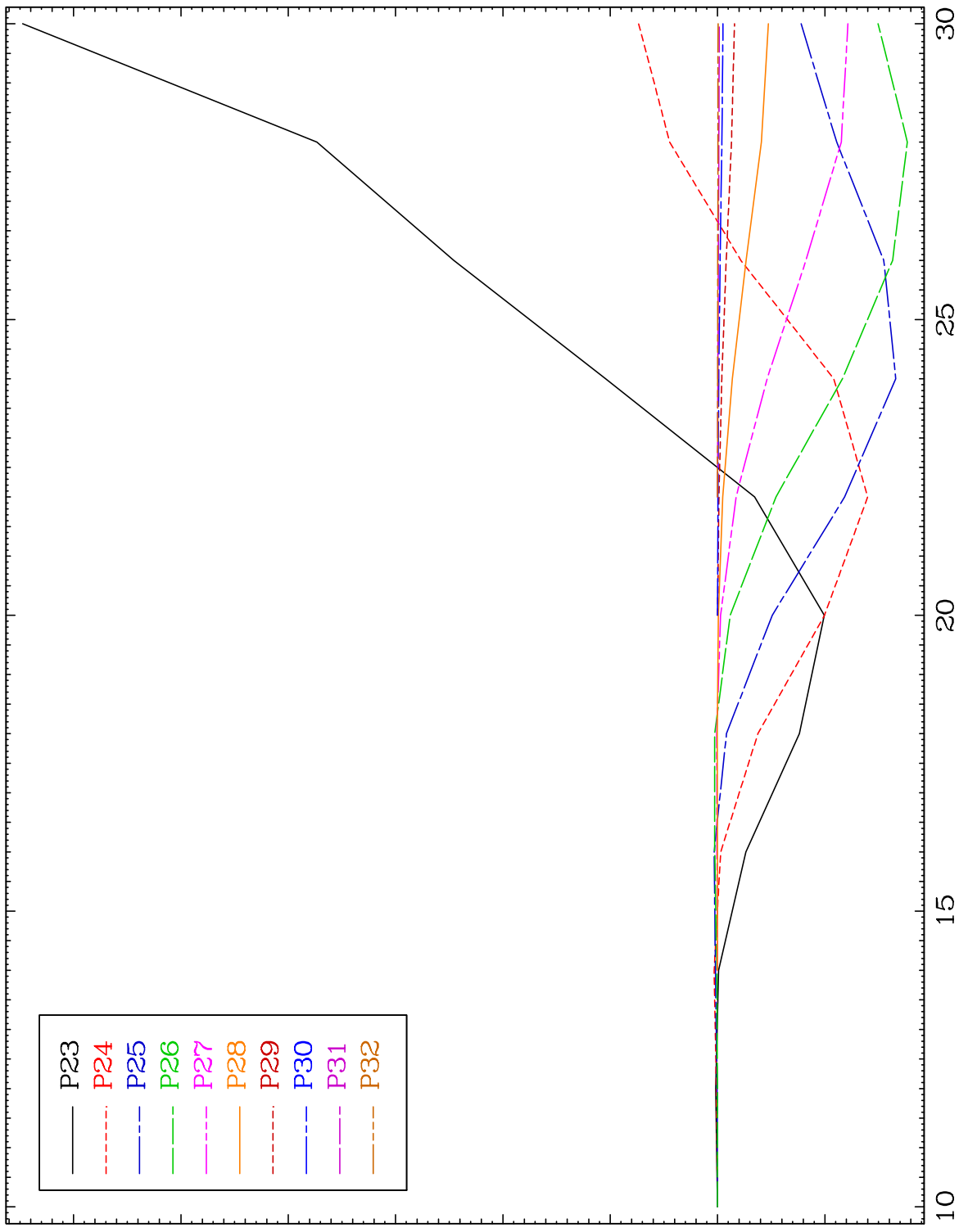
Elastic
Legendre Coefficients

21-Sc-51



$\times 10^{-6}$

Legendre (CM)



18

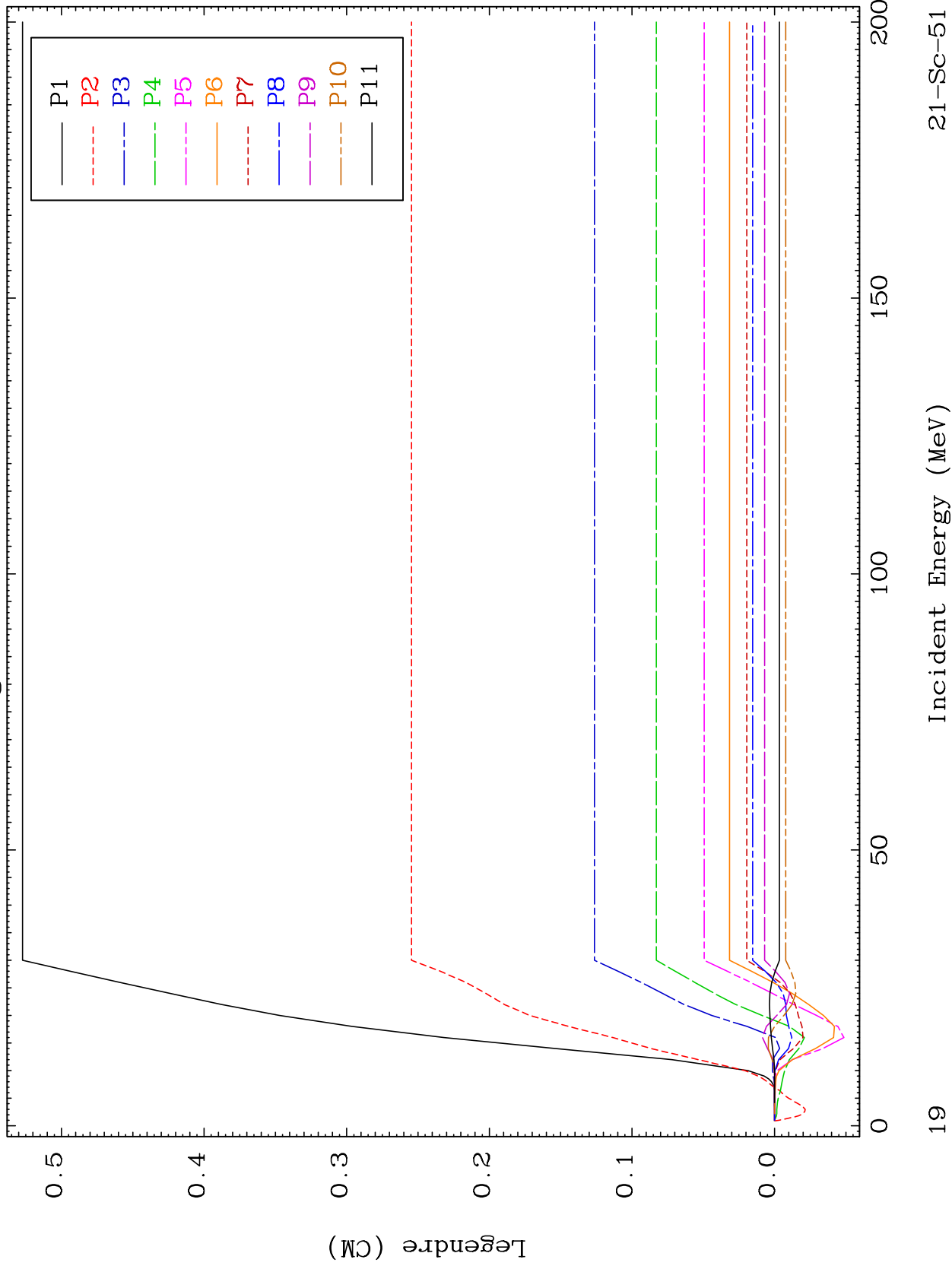
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



21-Sc-51

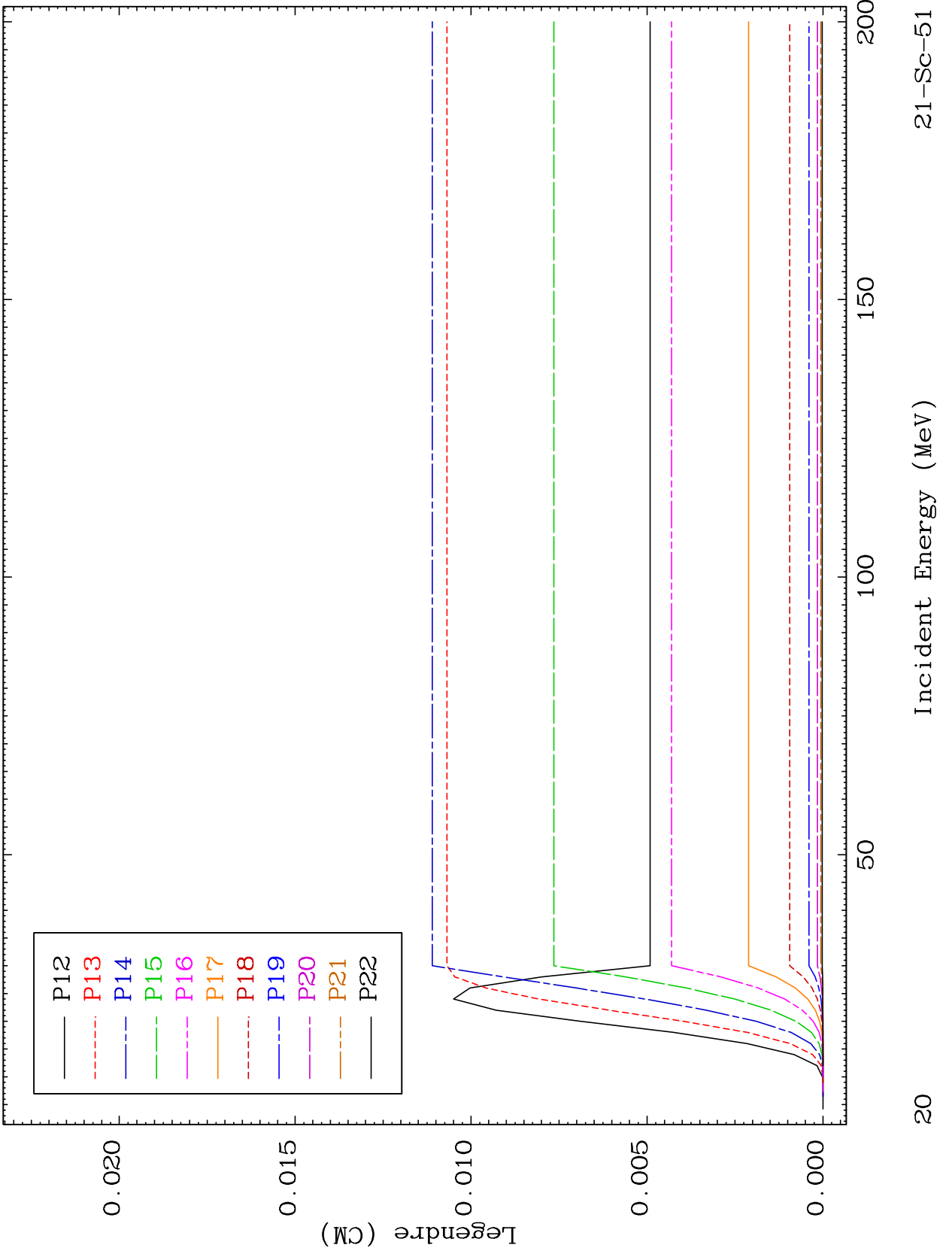
Incident Energy (MeV)

19

MAT 2143

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

21-Sc-51



20

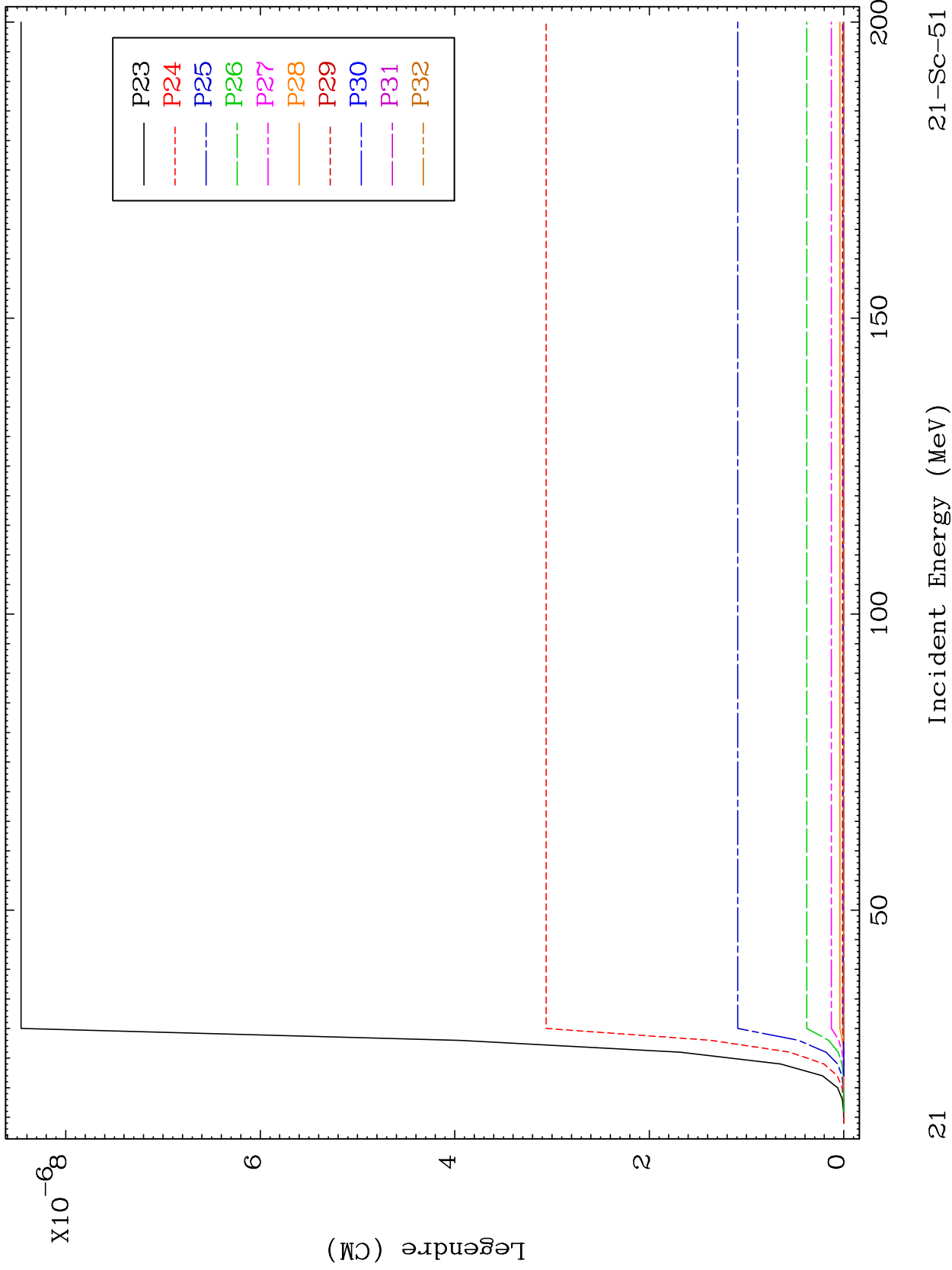
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



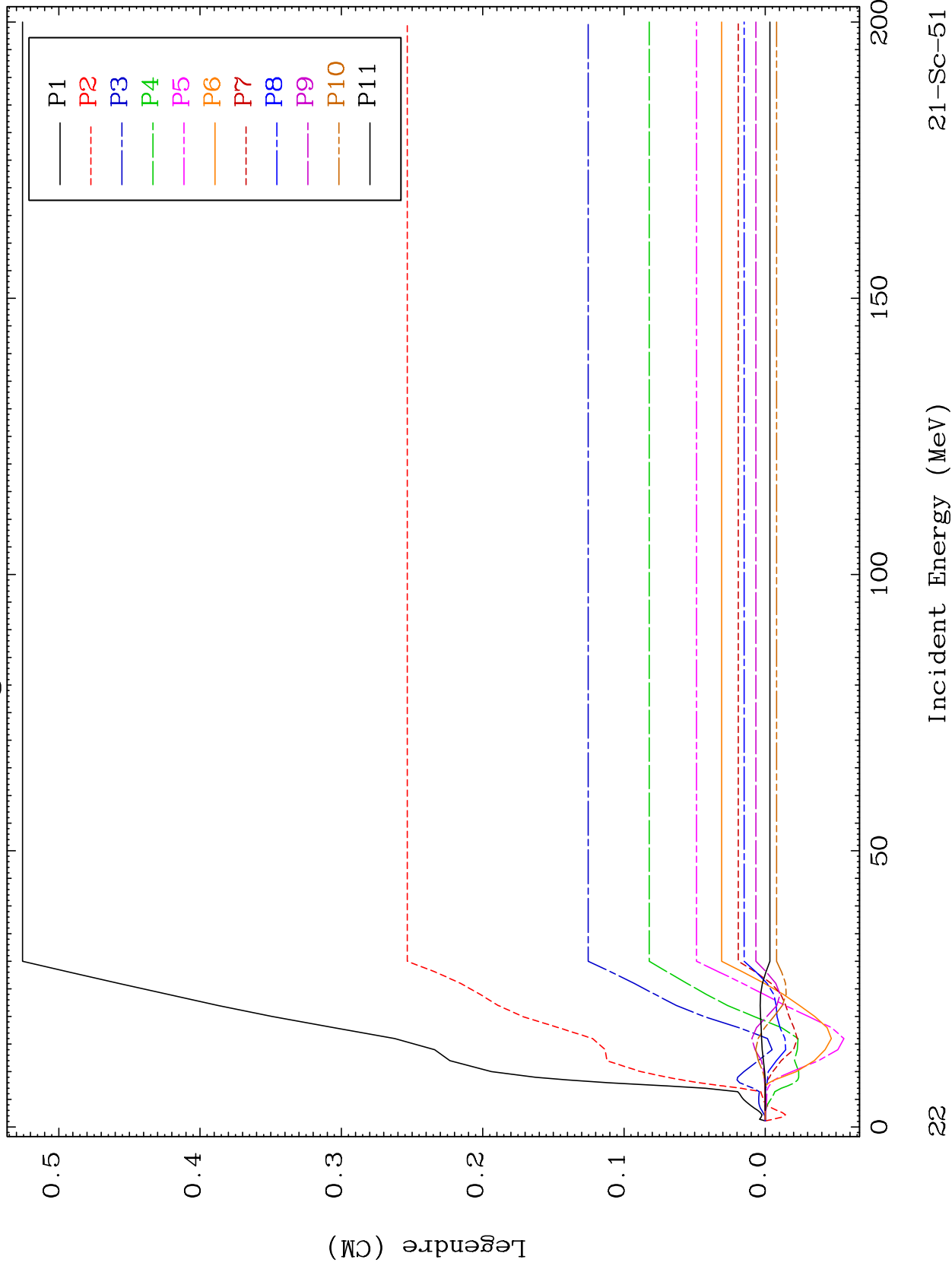
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21-Sc-51

MAT 2143

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Legendre Coefficients

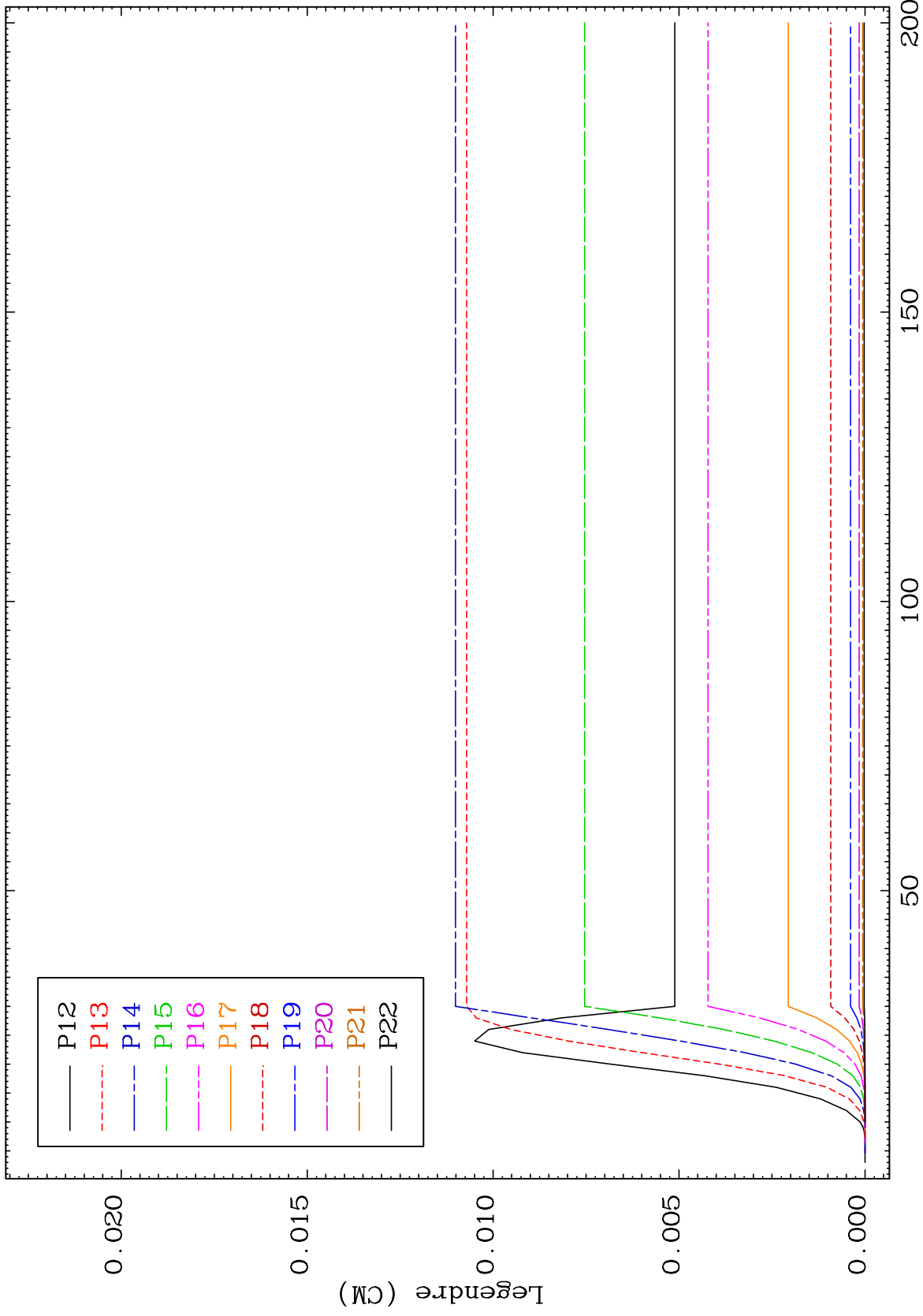
21-Sc-51



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Incident Energy (MeV)

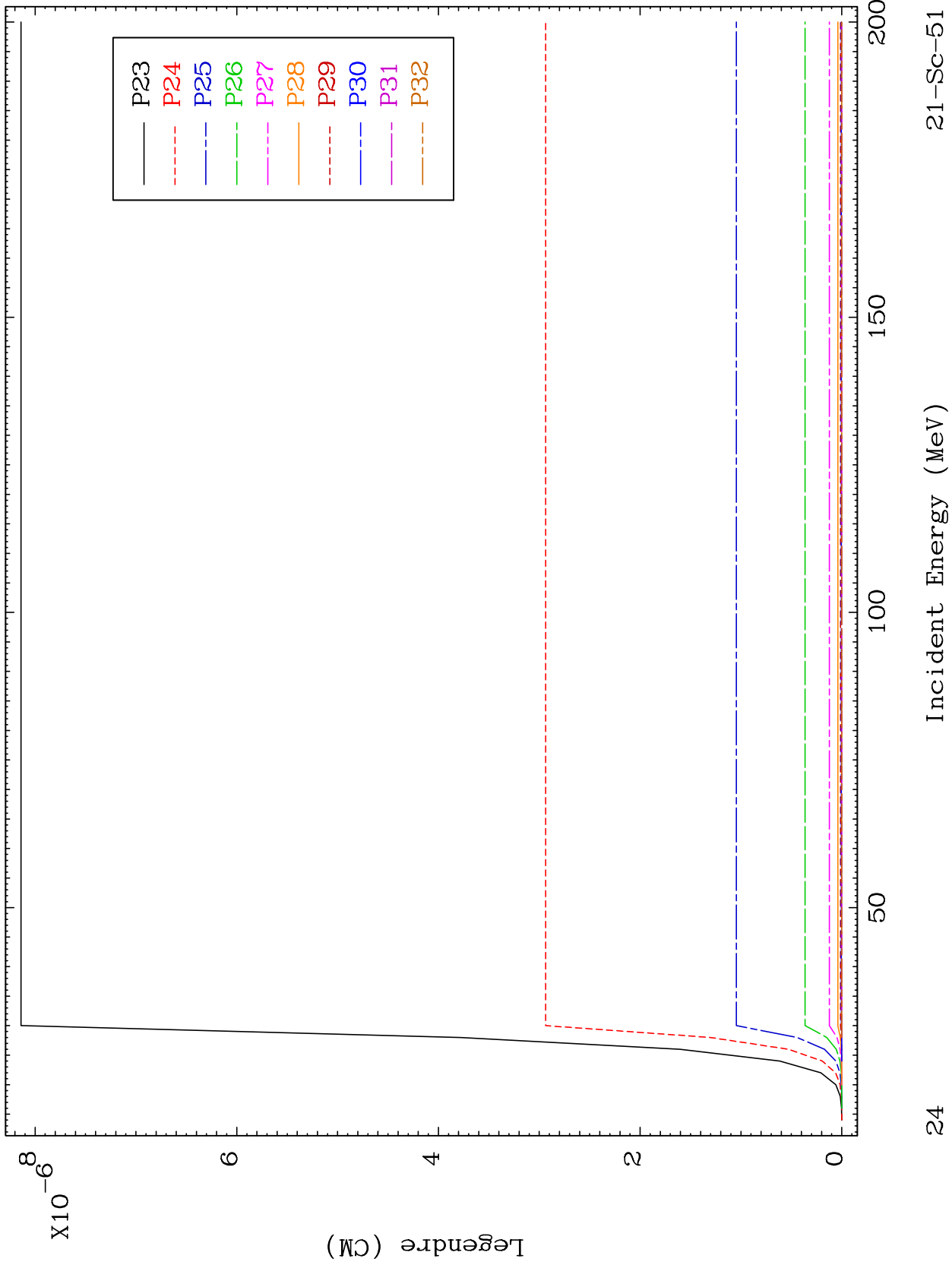
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MAT 2143

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

21-Sc-51



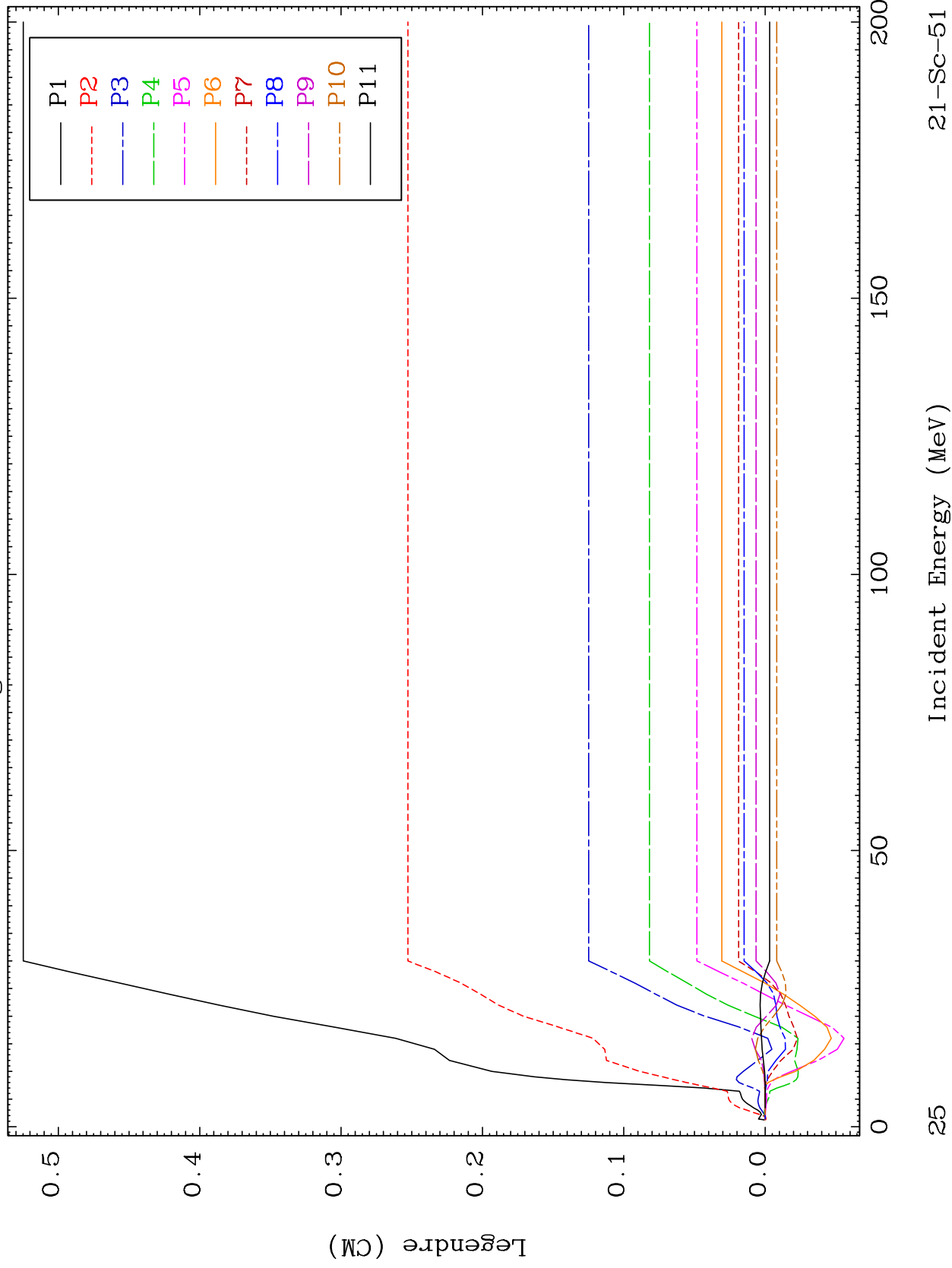
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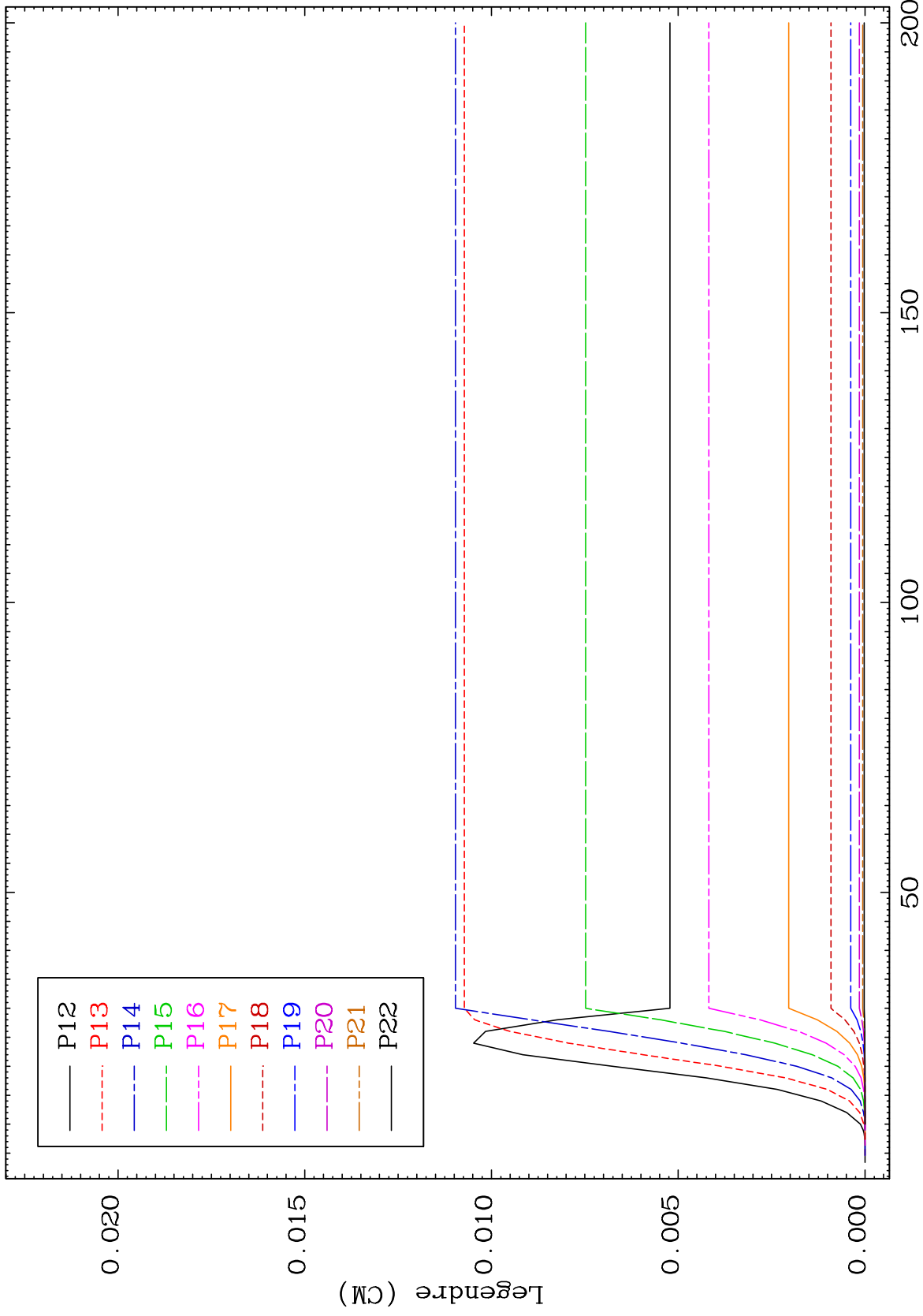
21-Sc-51

MAT 2143

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

21-Sc-51

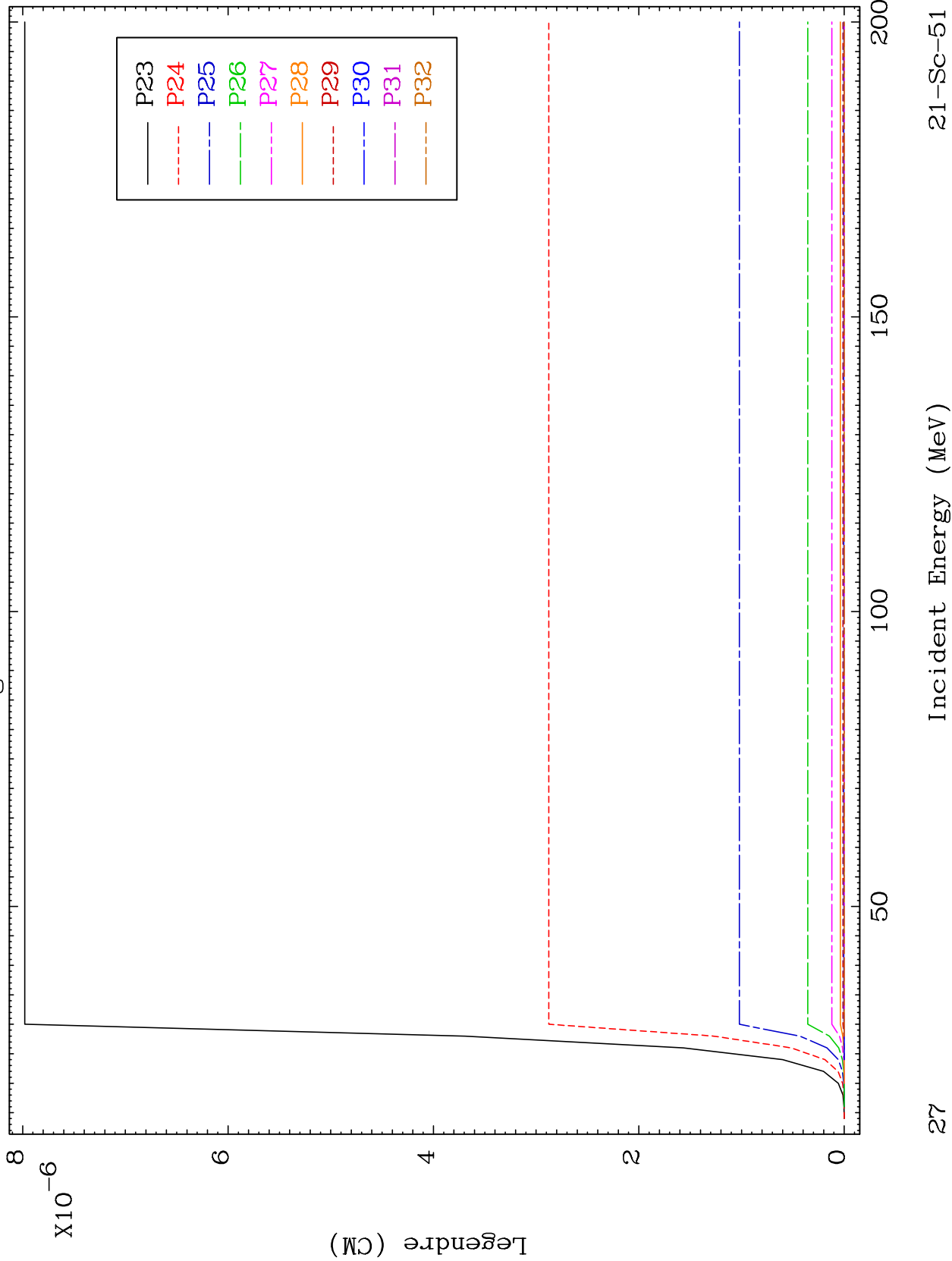




MAT 2143

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

21-Sc-51



27

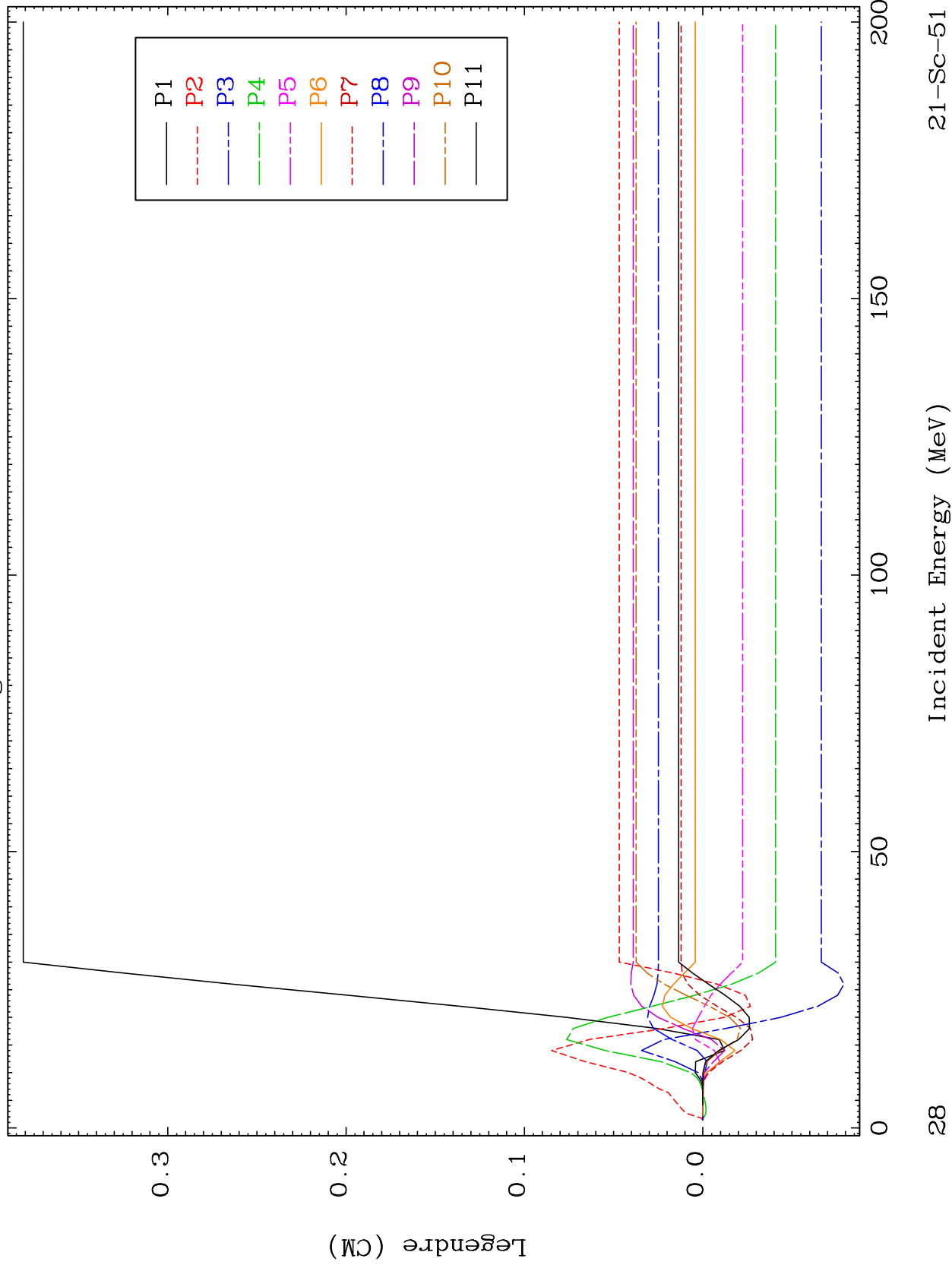
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



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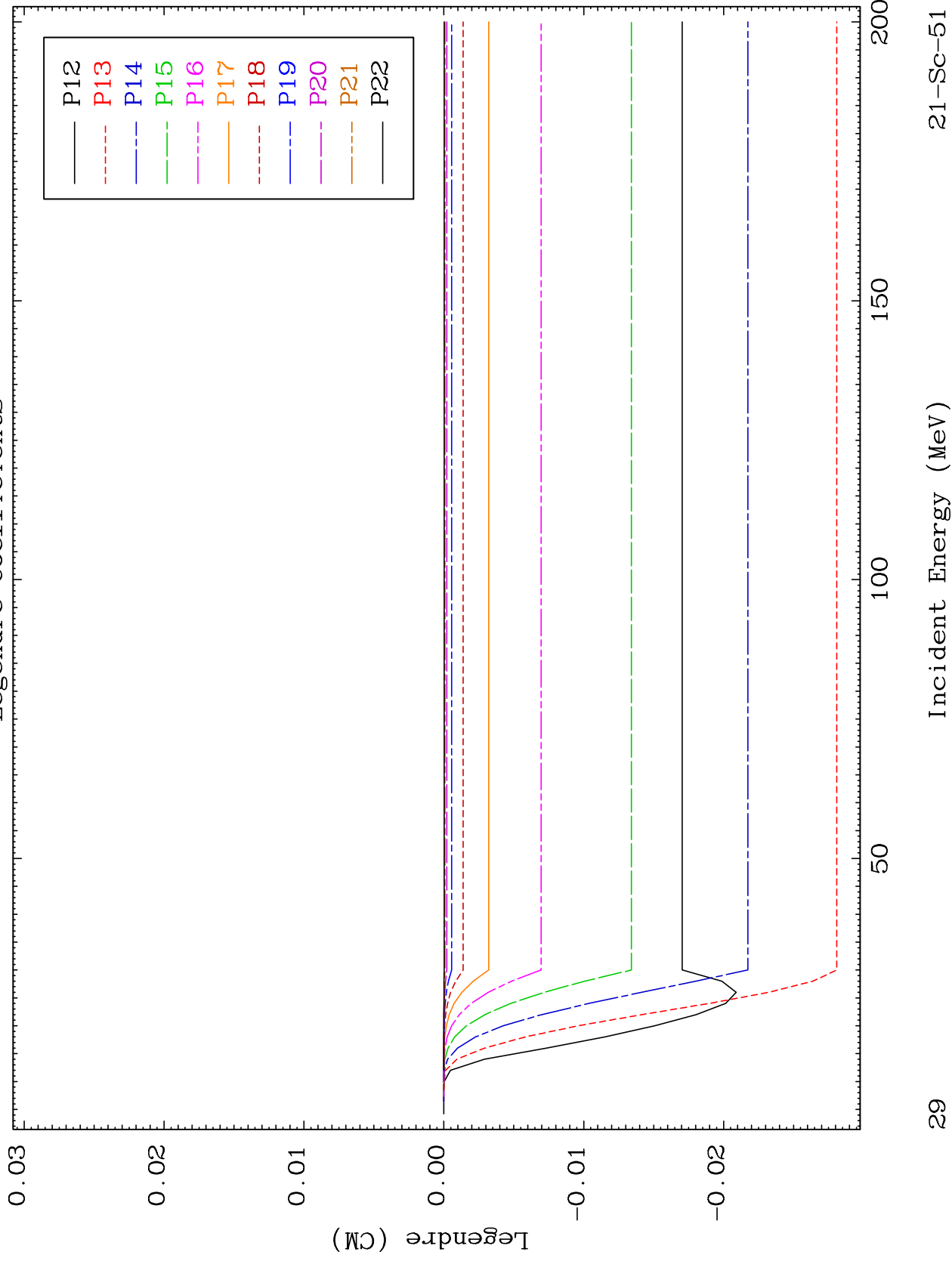
Incident Energy (MeV)

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MAT 2143

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

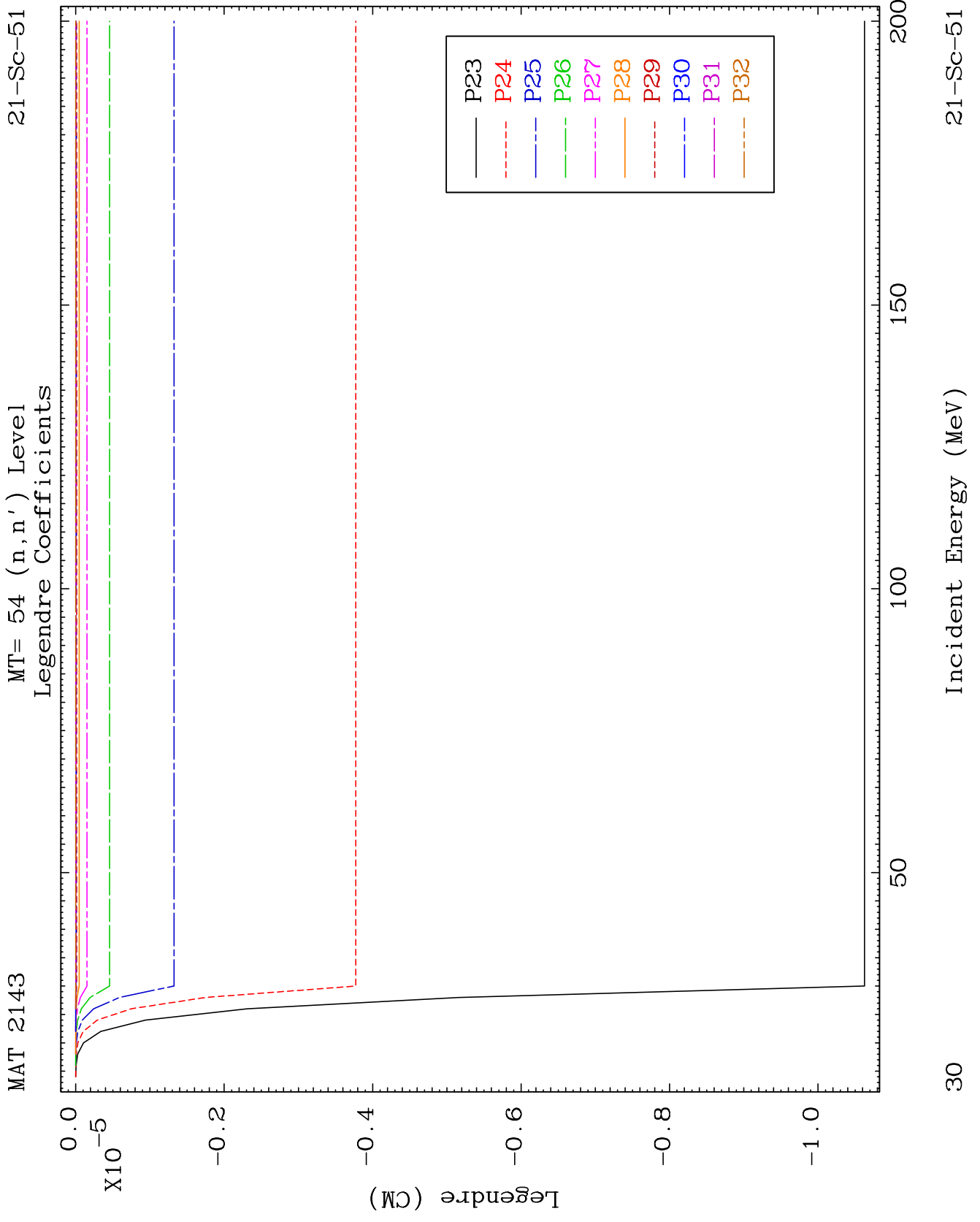
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Incident Energy (MeV)

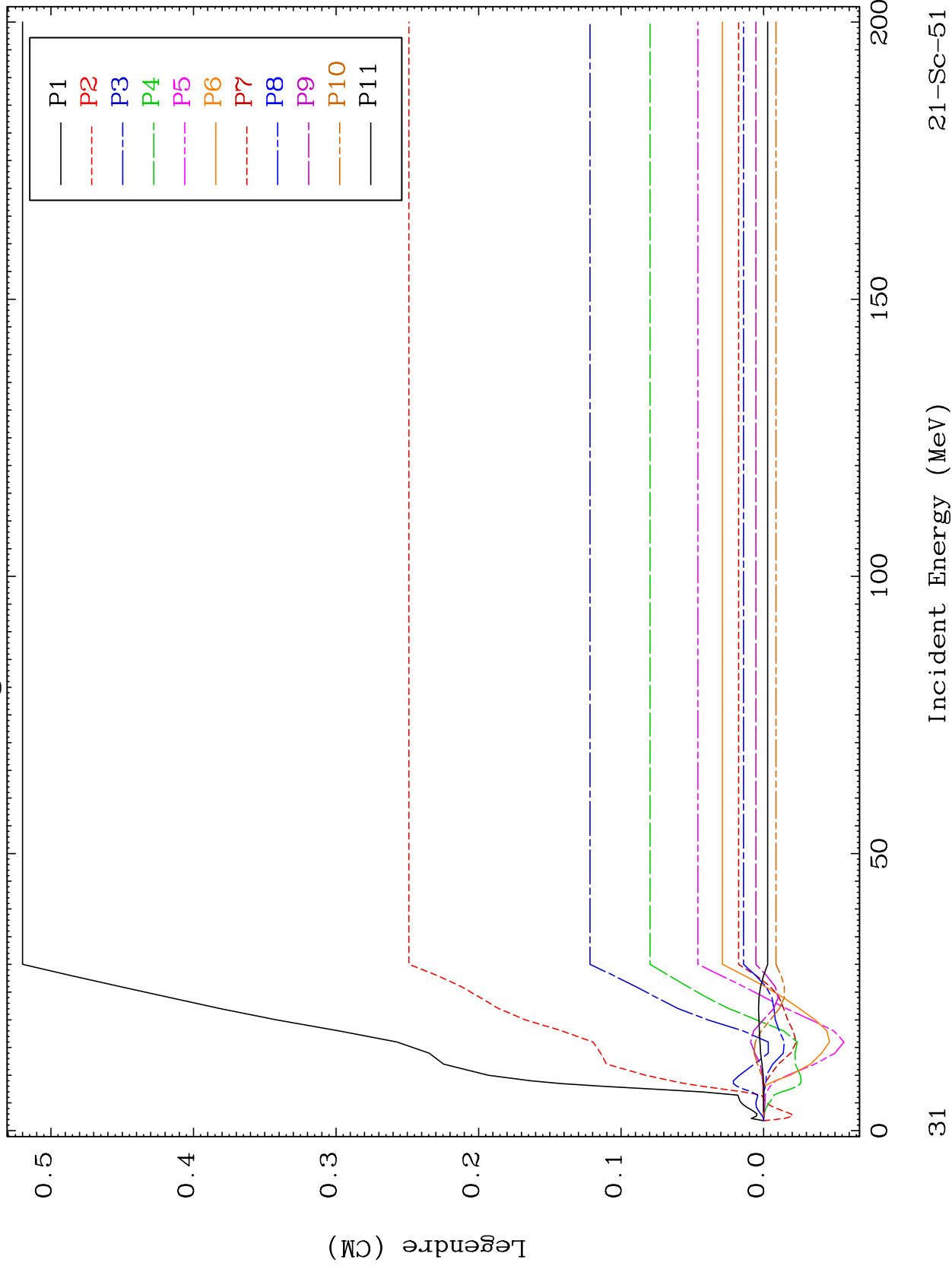
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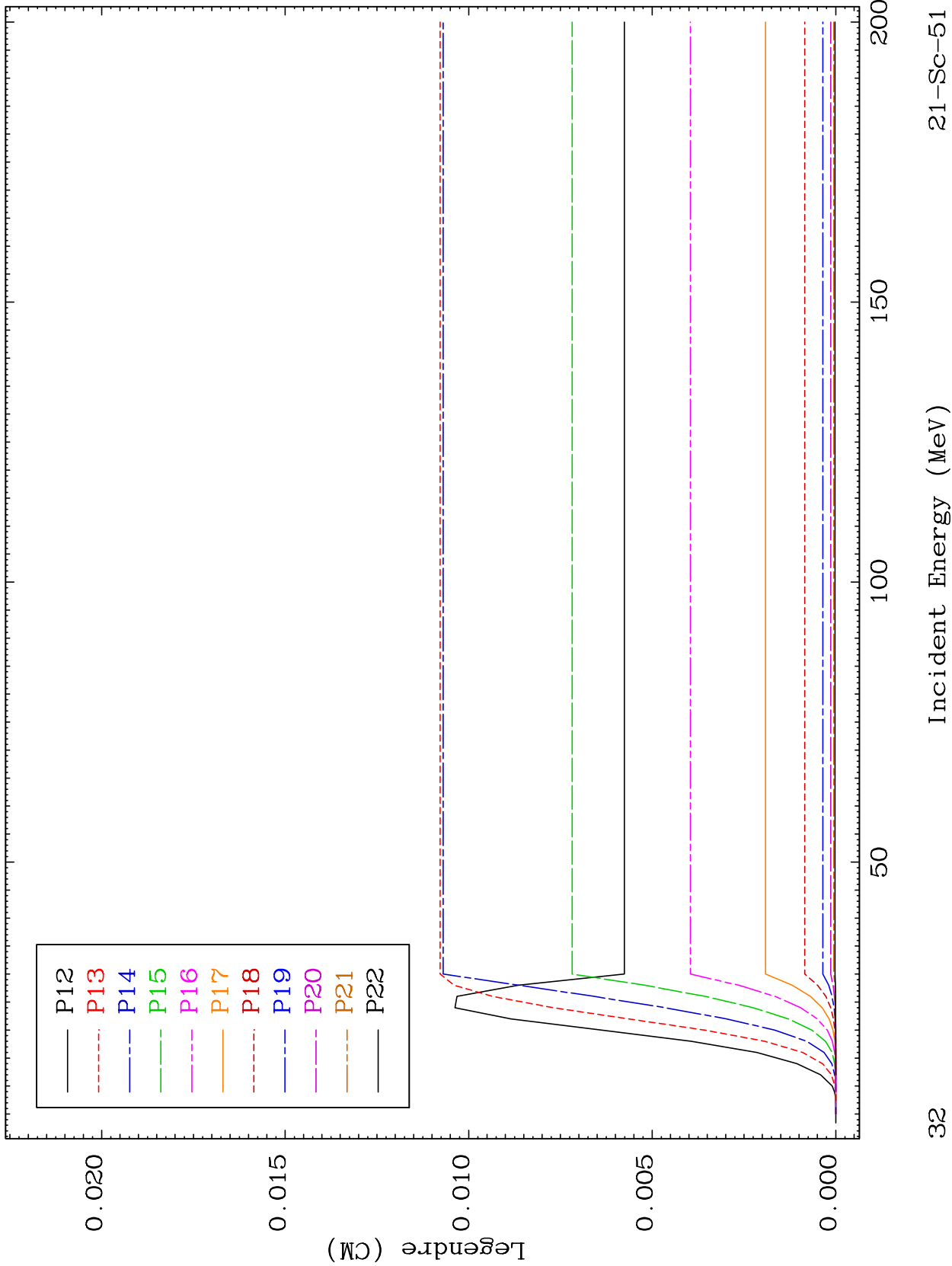


MAT 2143

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

21-Sc-51

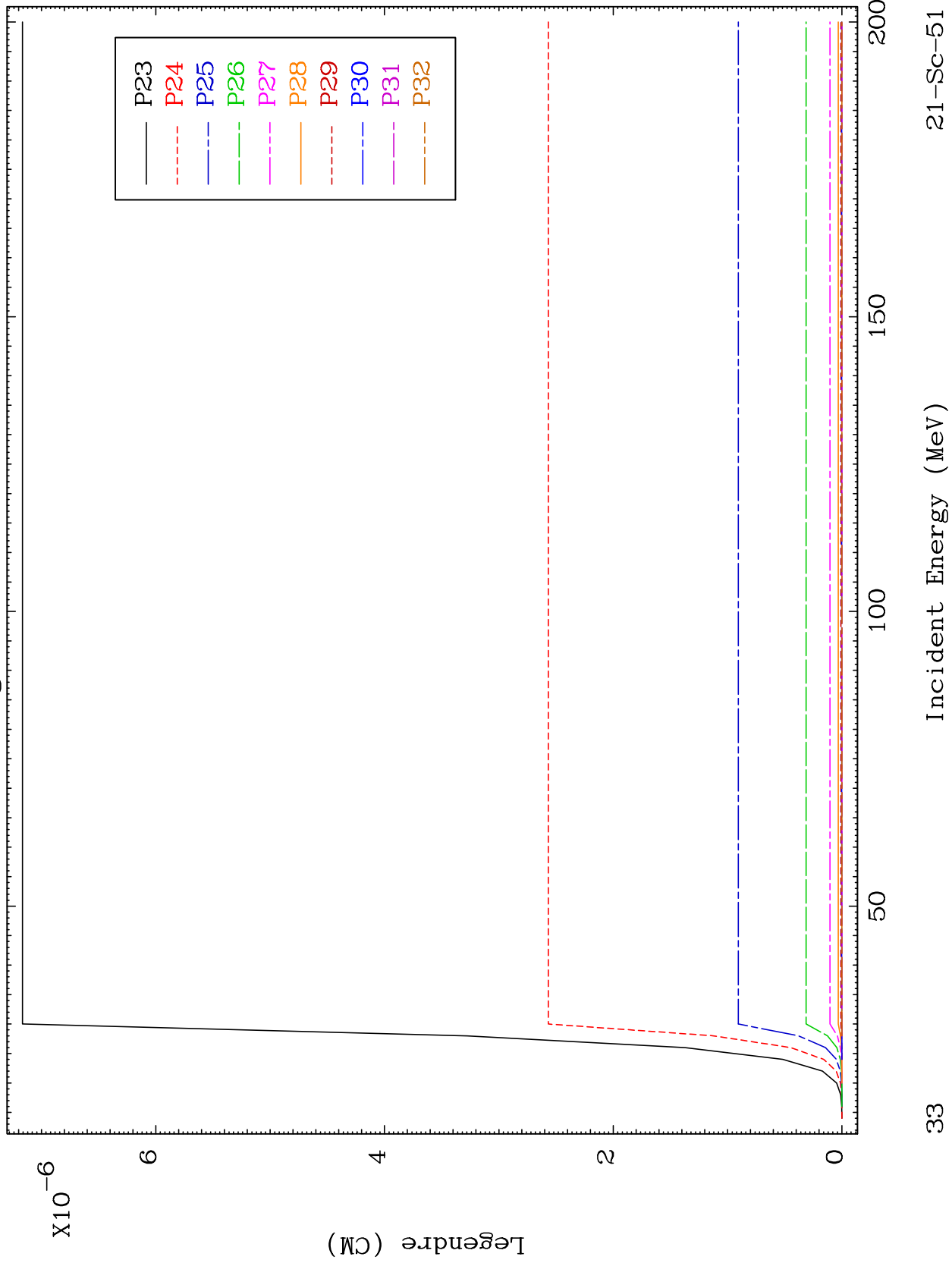




MAT 2143

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

21-Sc-51



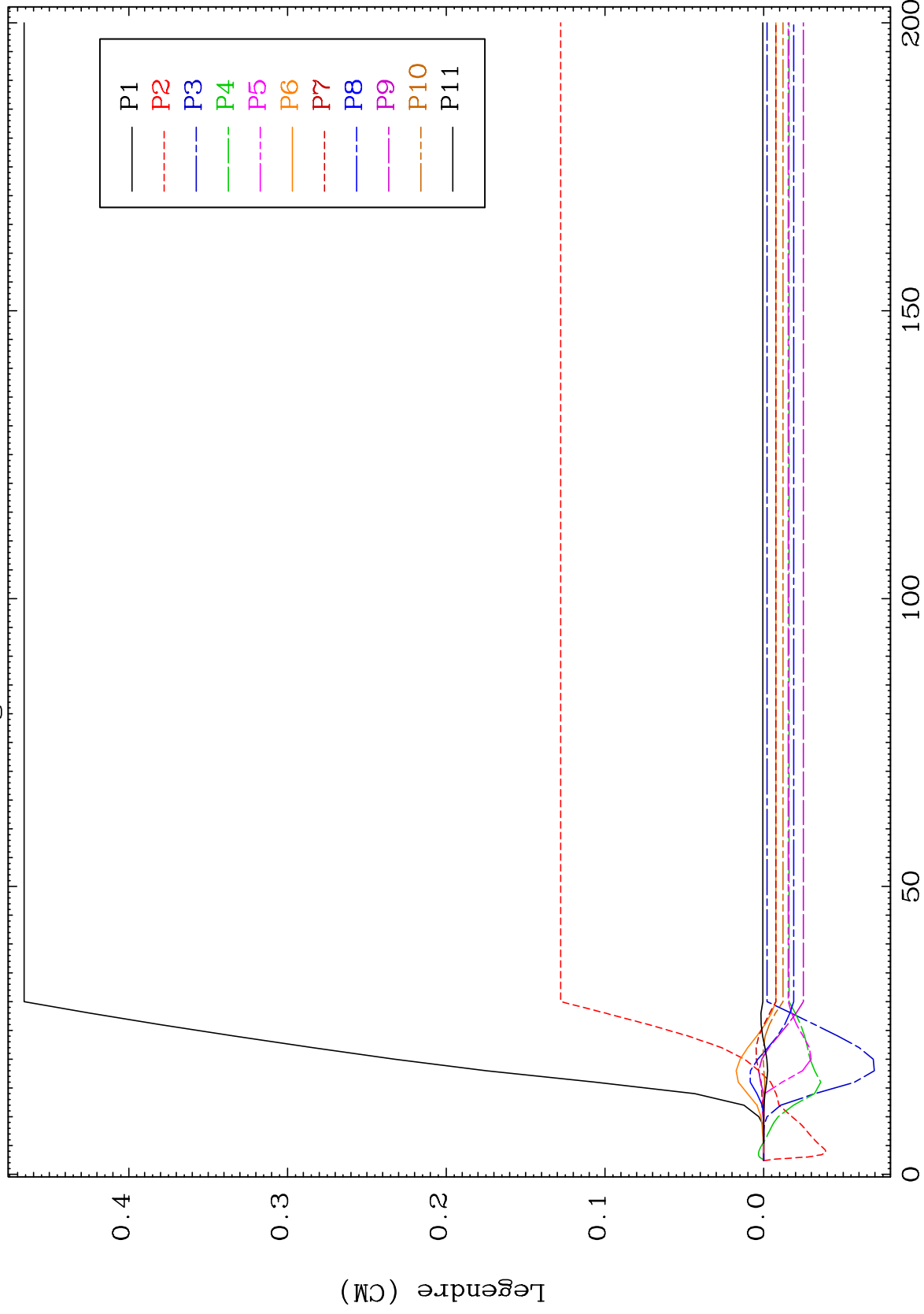
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MAT 2143

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Legendre Coefficients

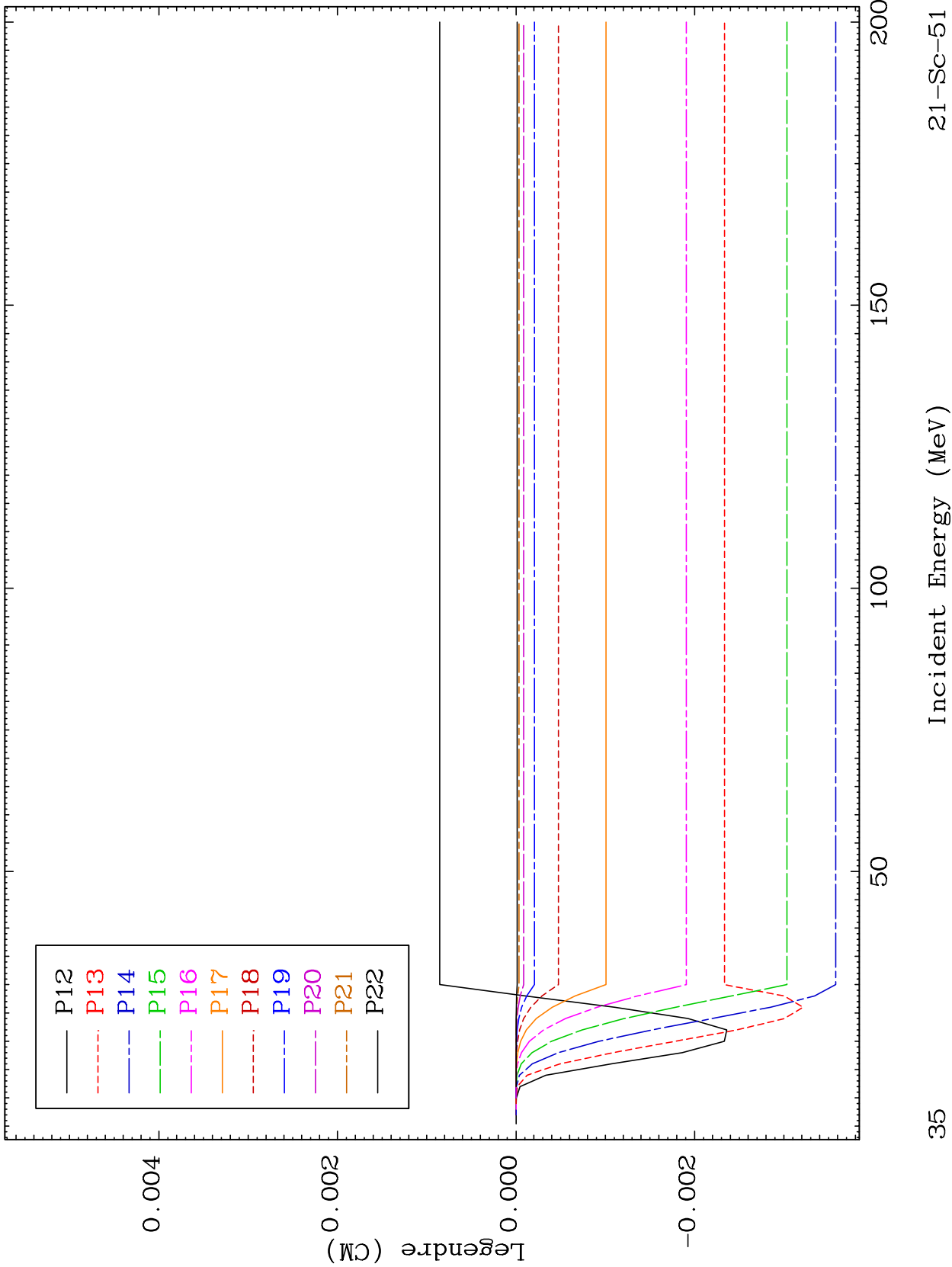
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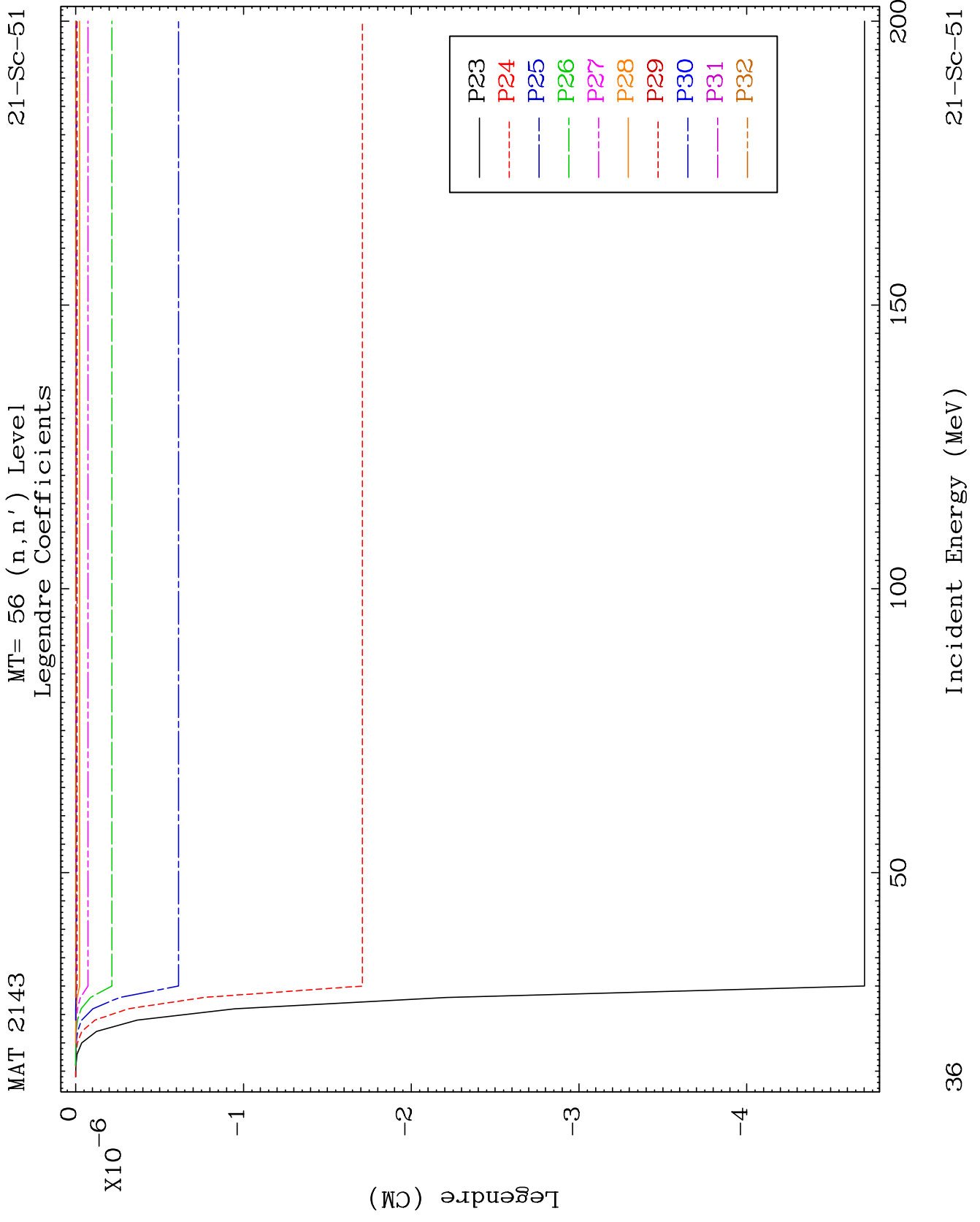


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Incident Energy (MeV)

21-Sc-51

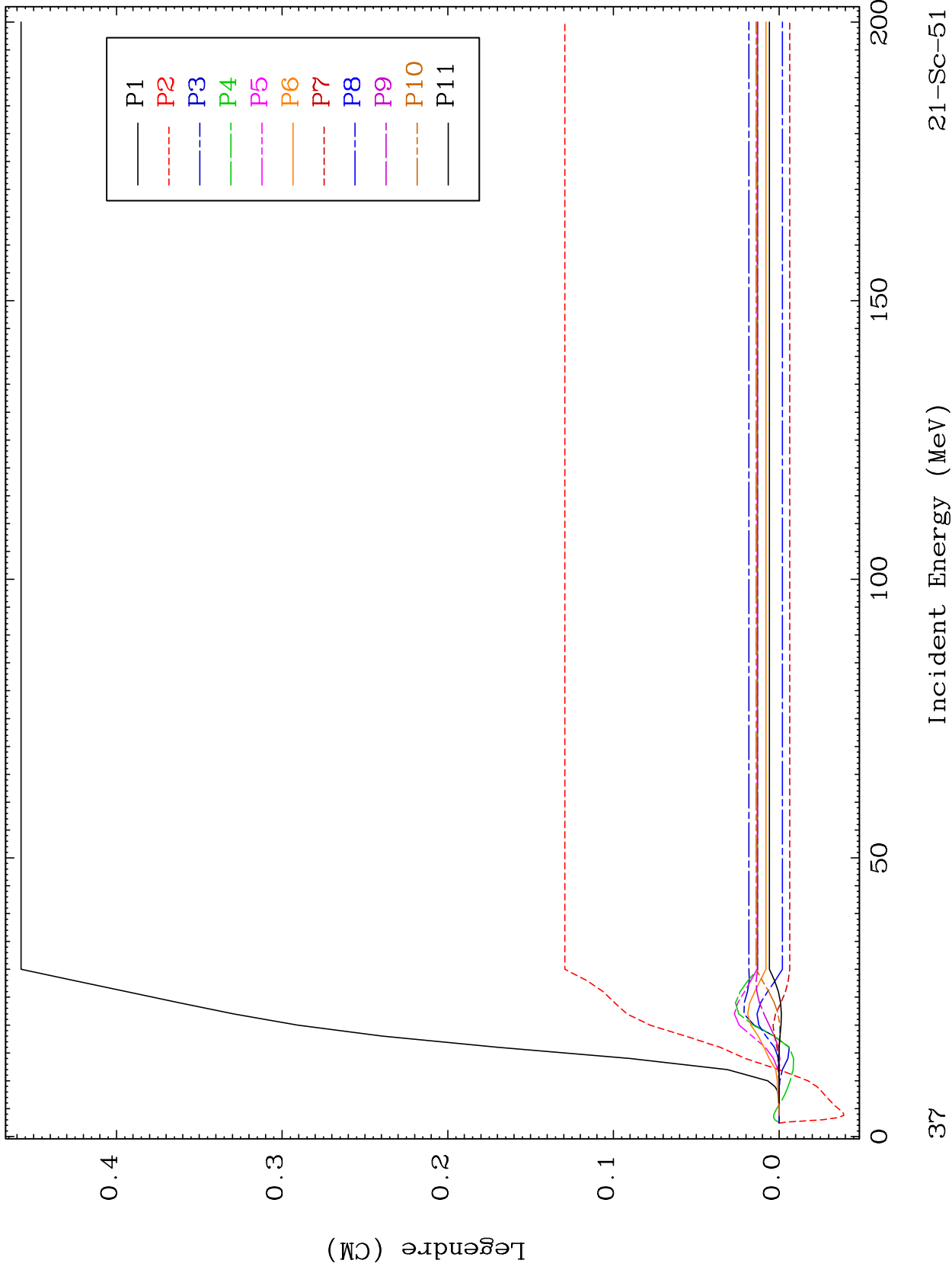




MAT 2143

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Legendre Coefficients

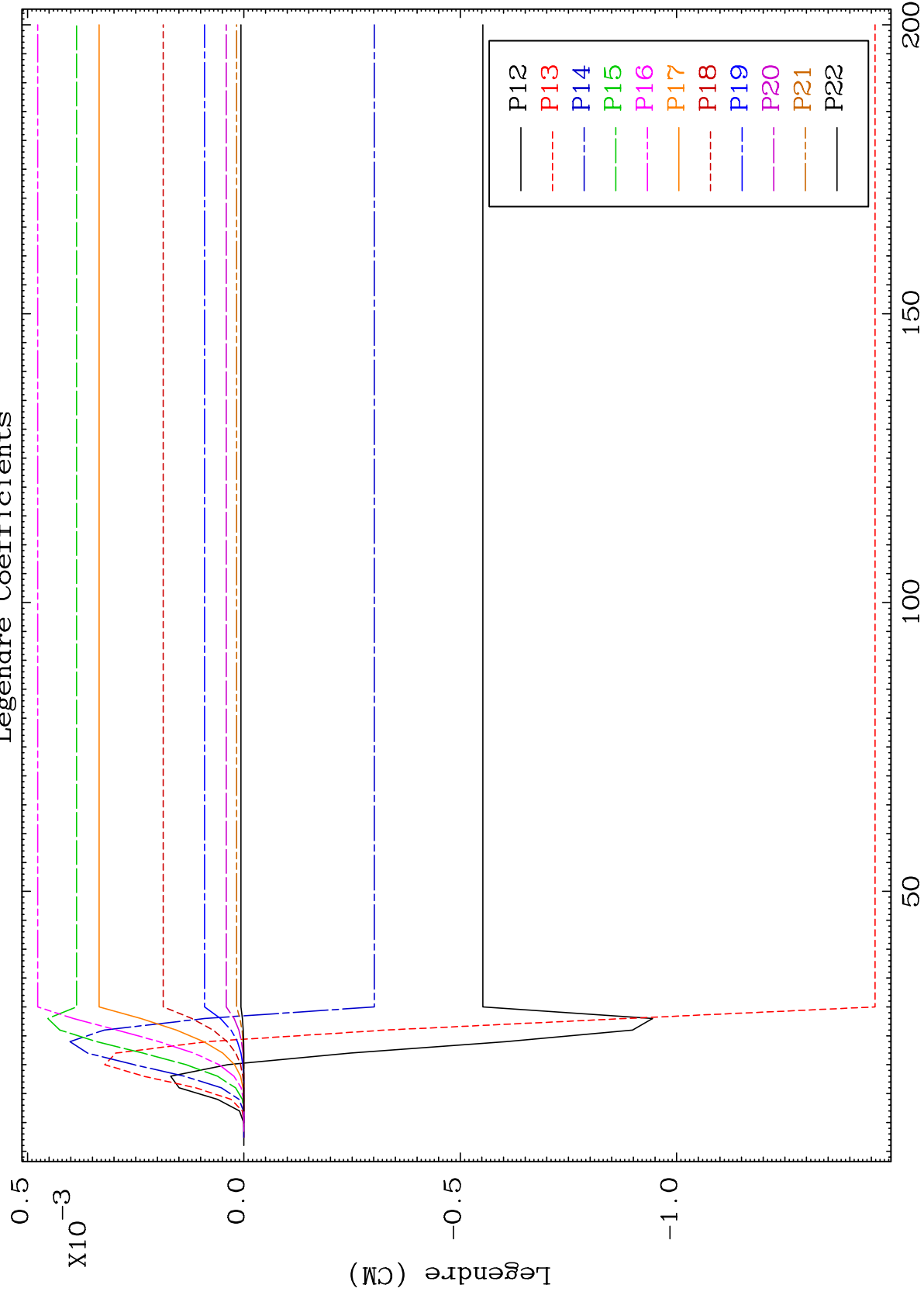
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Incident Energy (MeV)

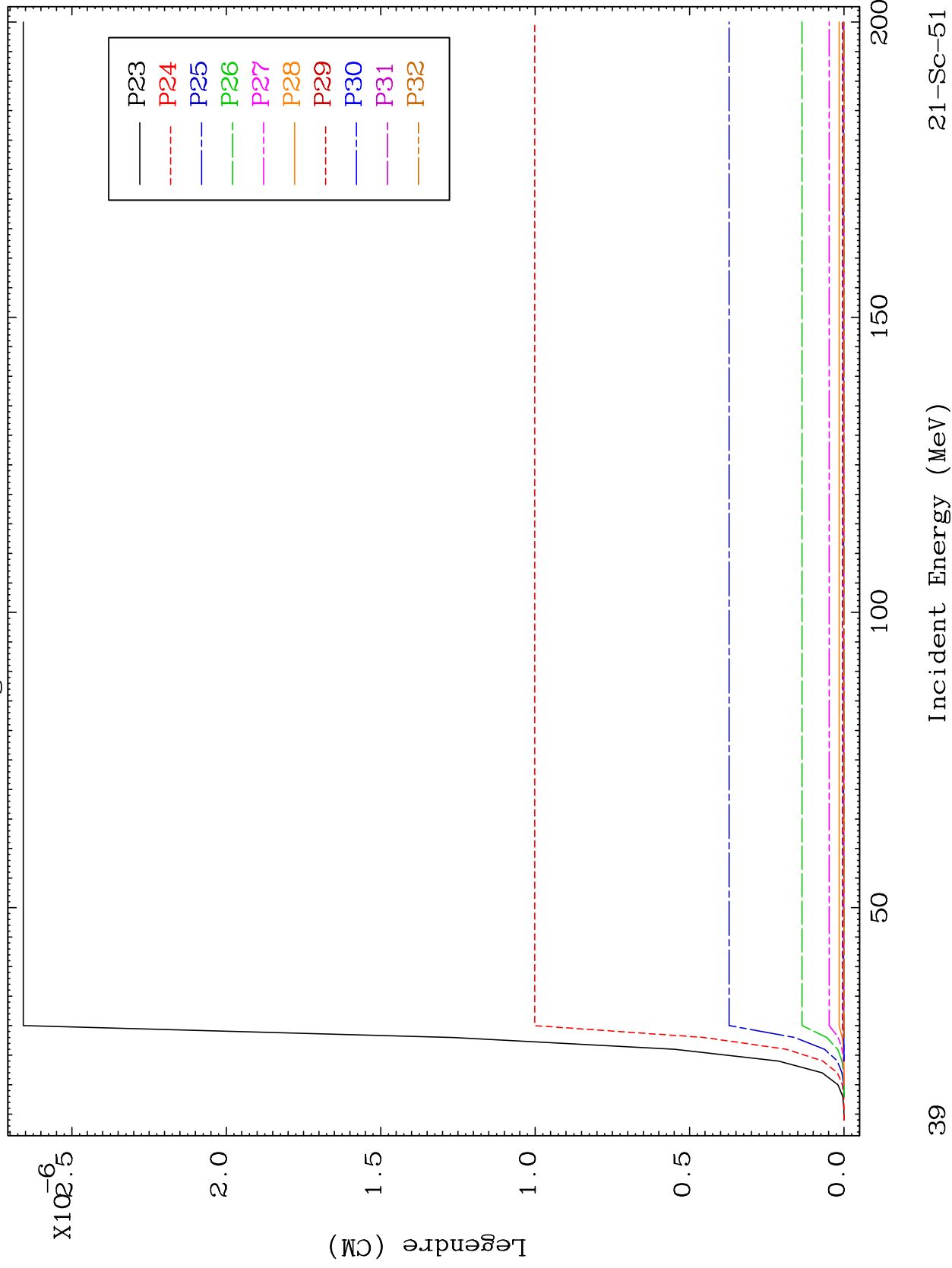
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MAT 2143

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

21-Sc-51



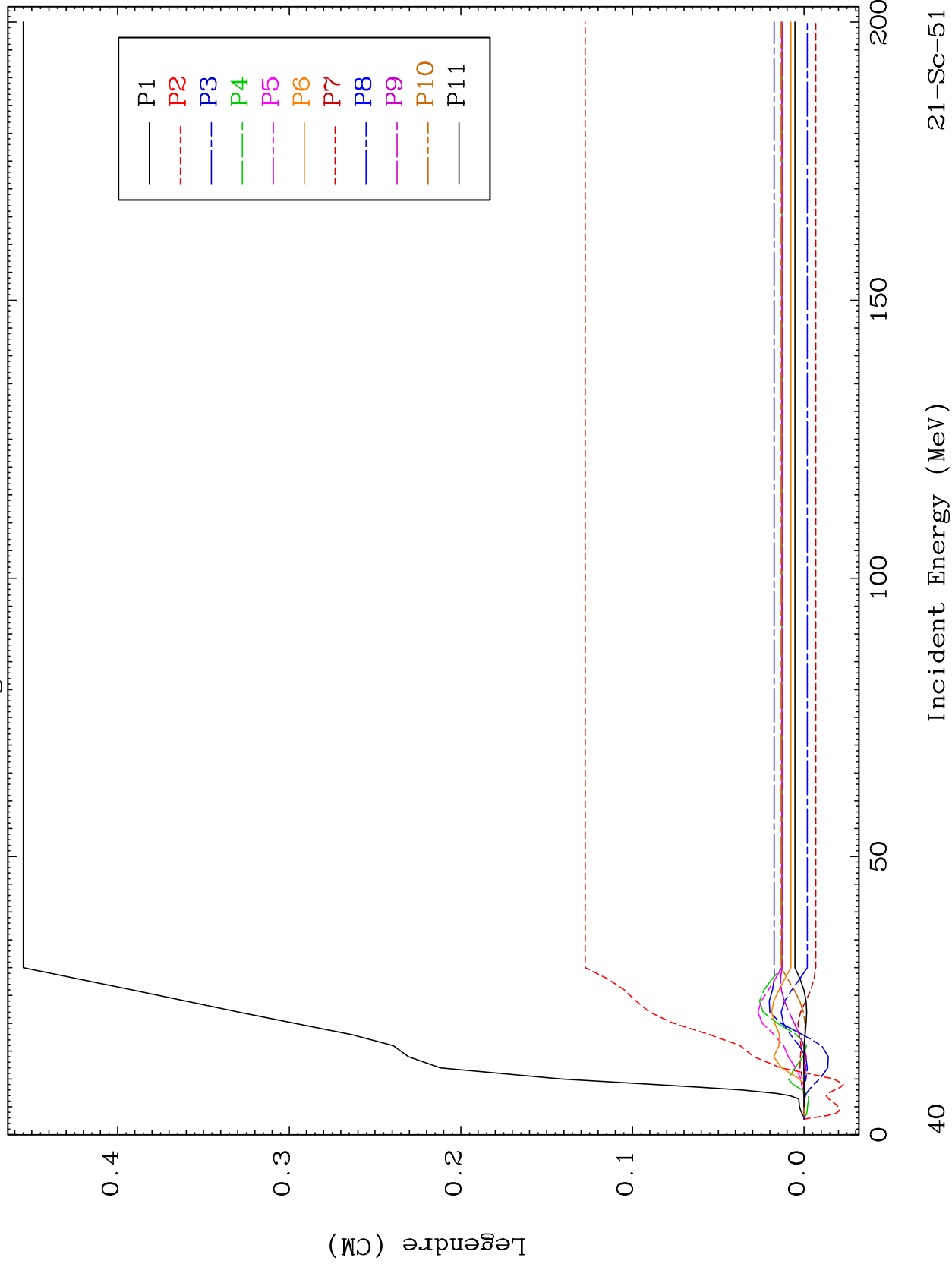
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21-Sc-51

MAT 2143

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

21-Sc-51

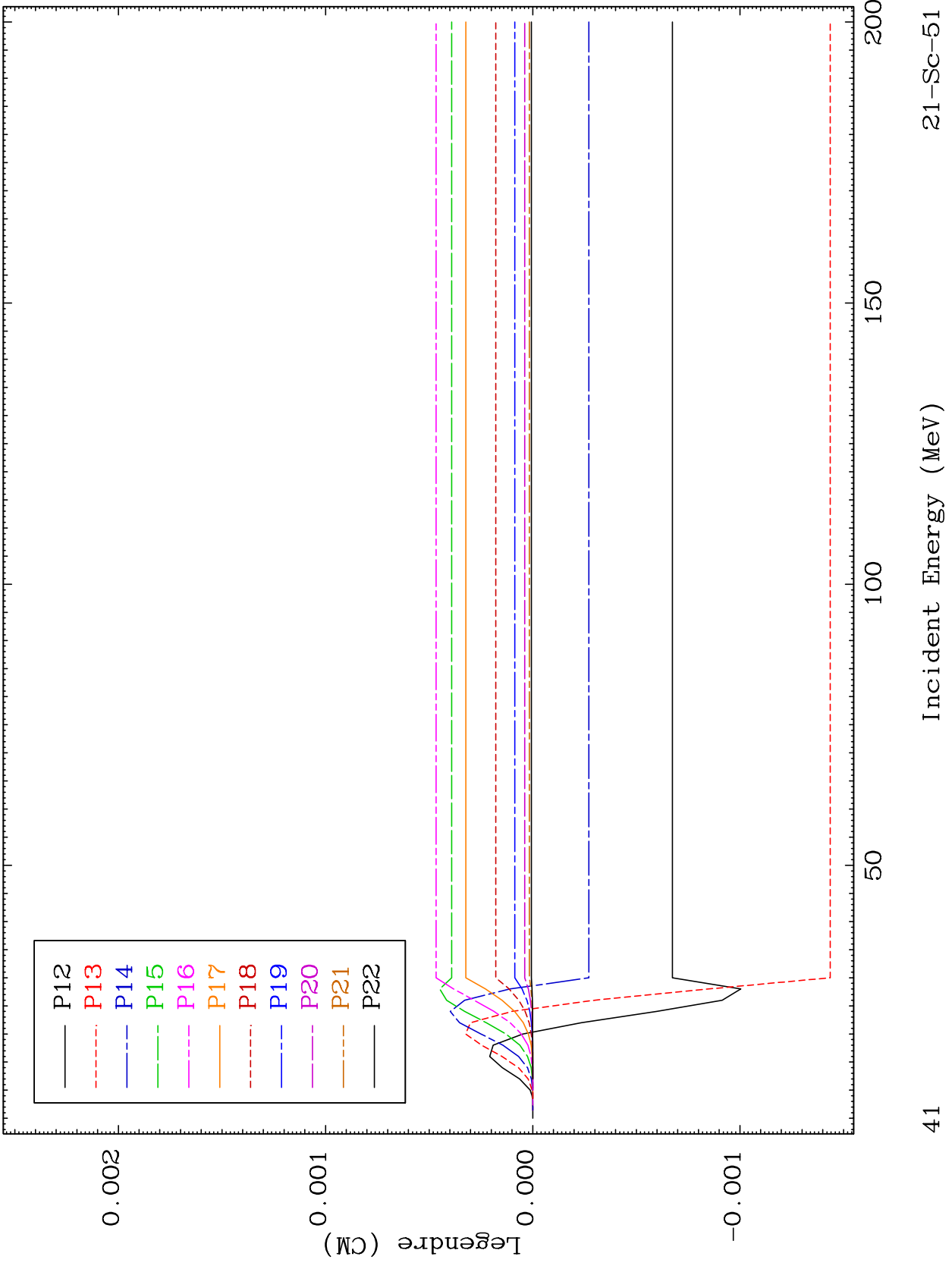


21-Sc-51

MAT 2143

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

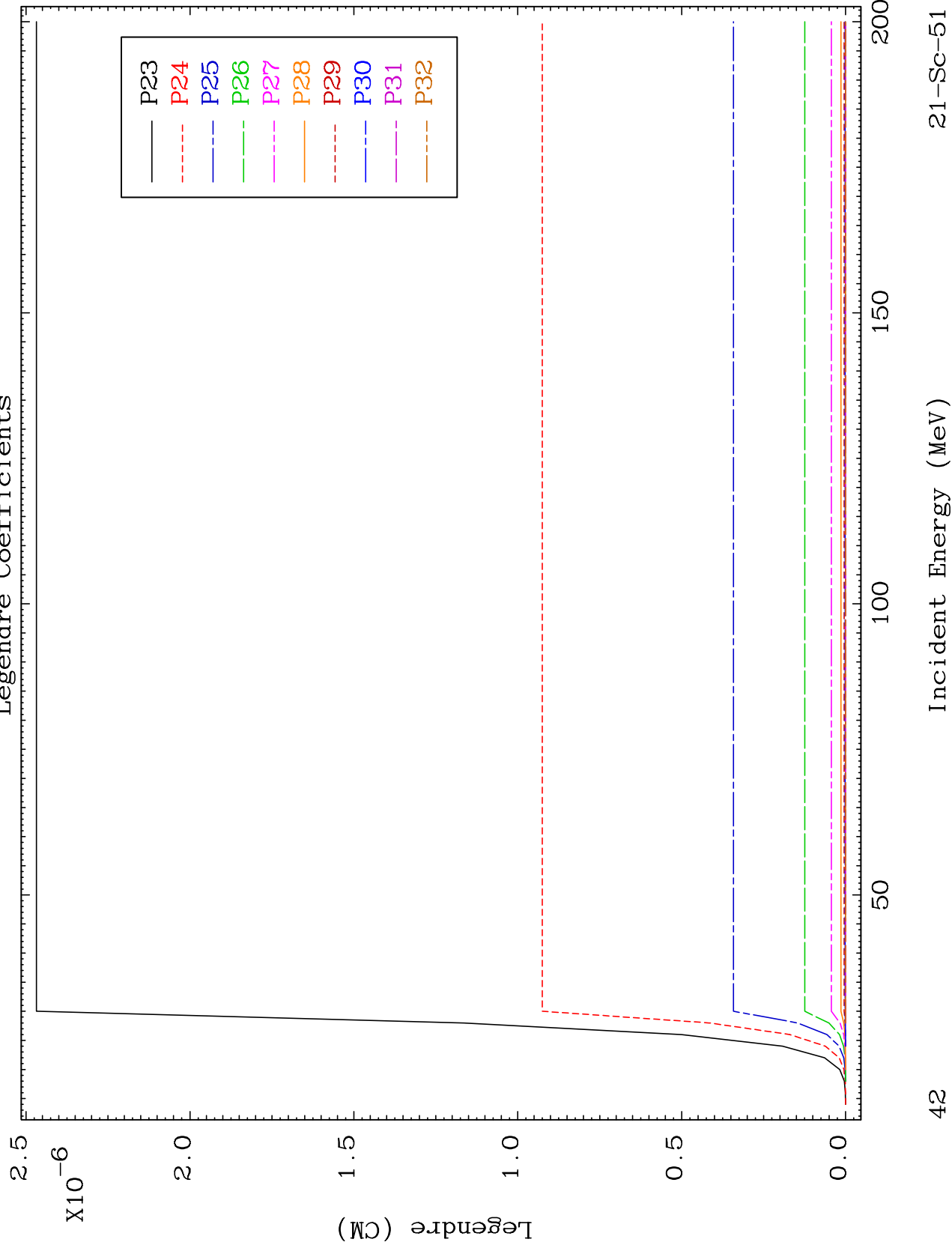
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MAT 2143

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

21-Sc-51



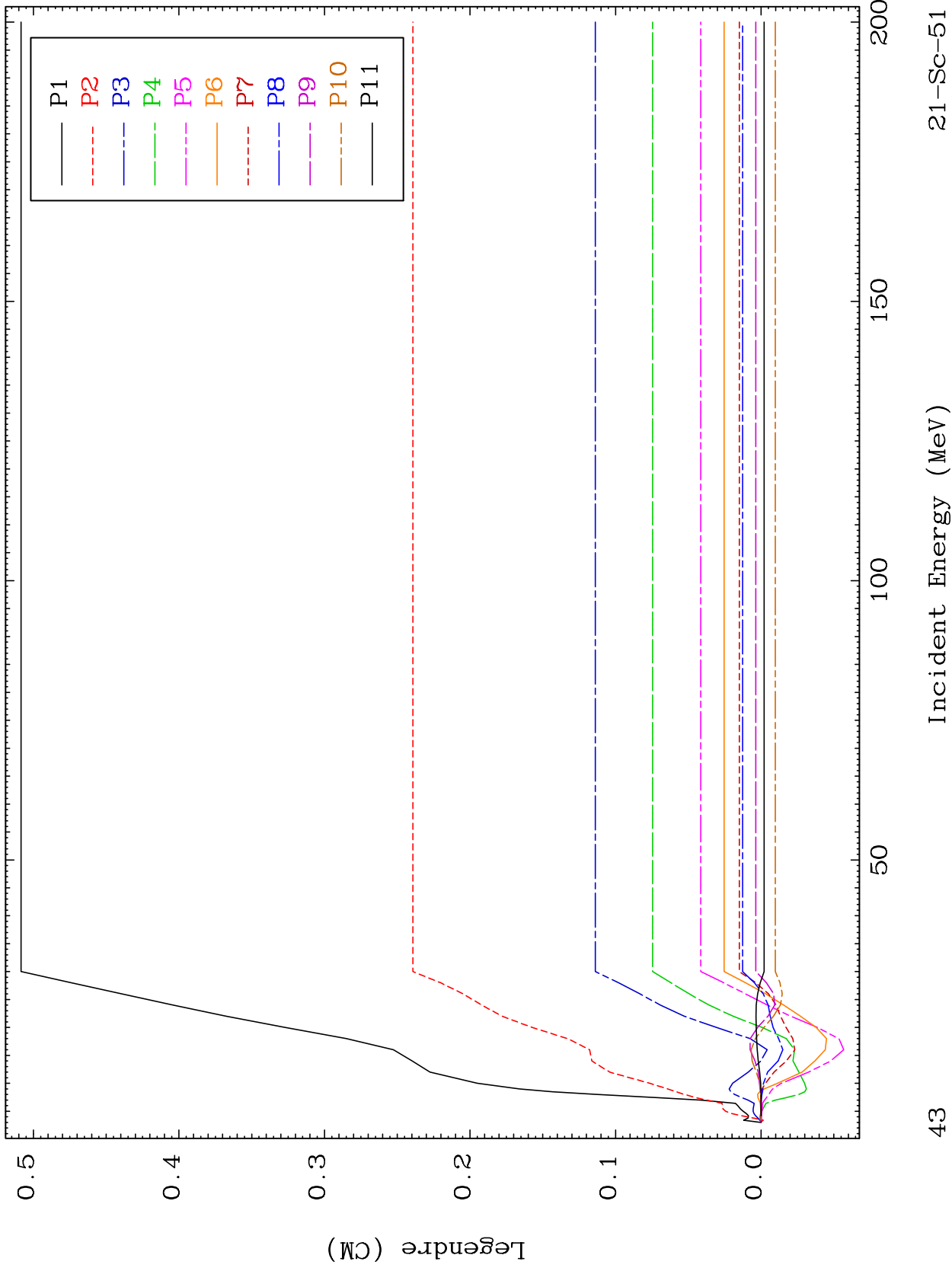
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21-Sc-51

MAT 2143

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

21-Sc-51



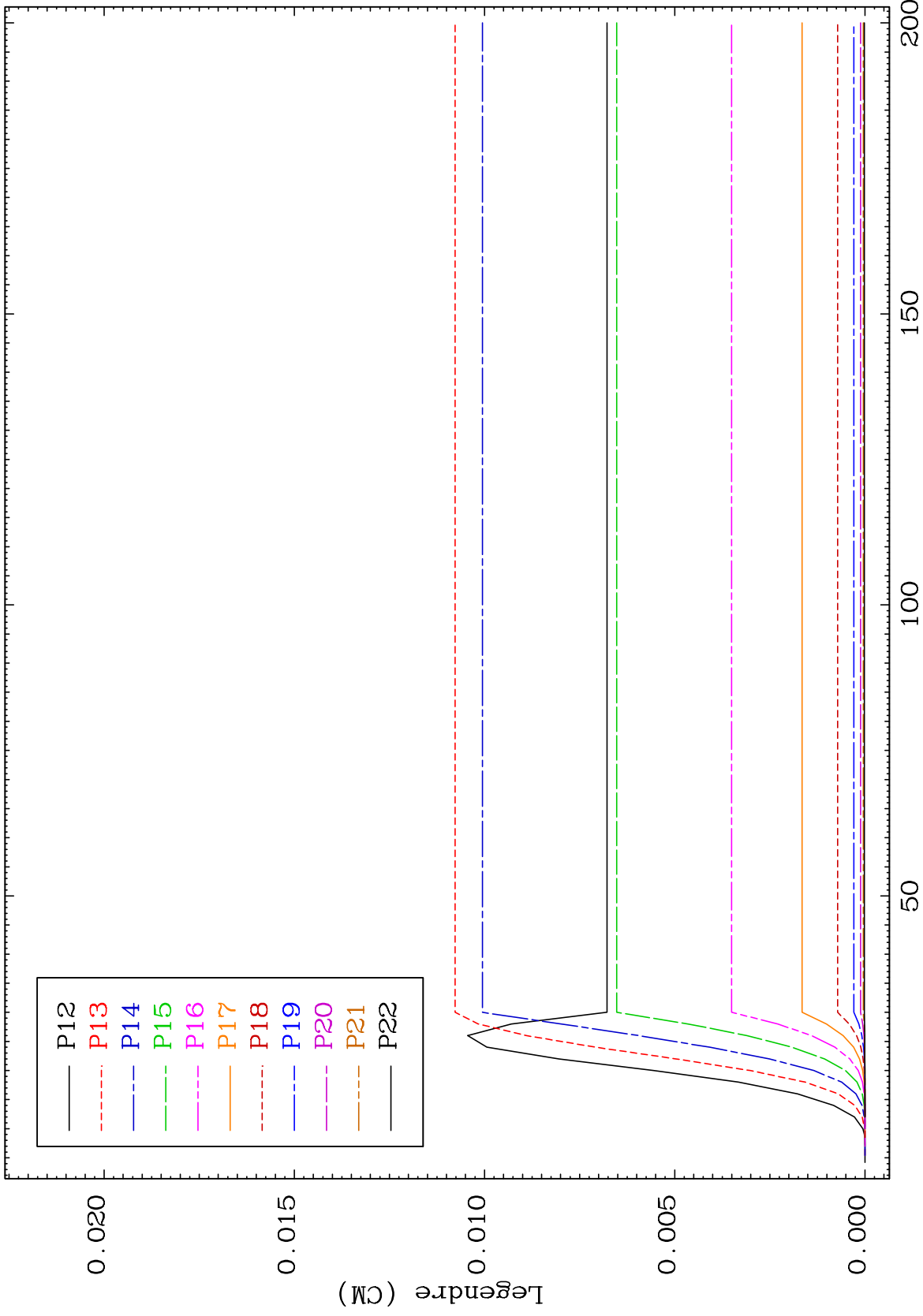
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21-Sc-51

MAT 2143

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

21-Sc-51



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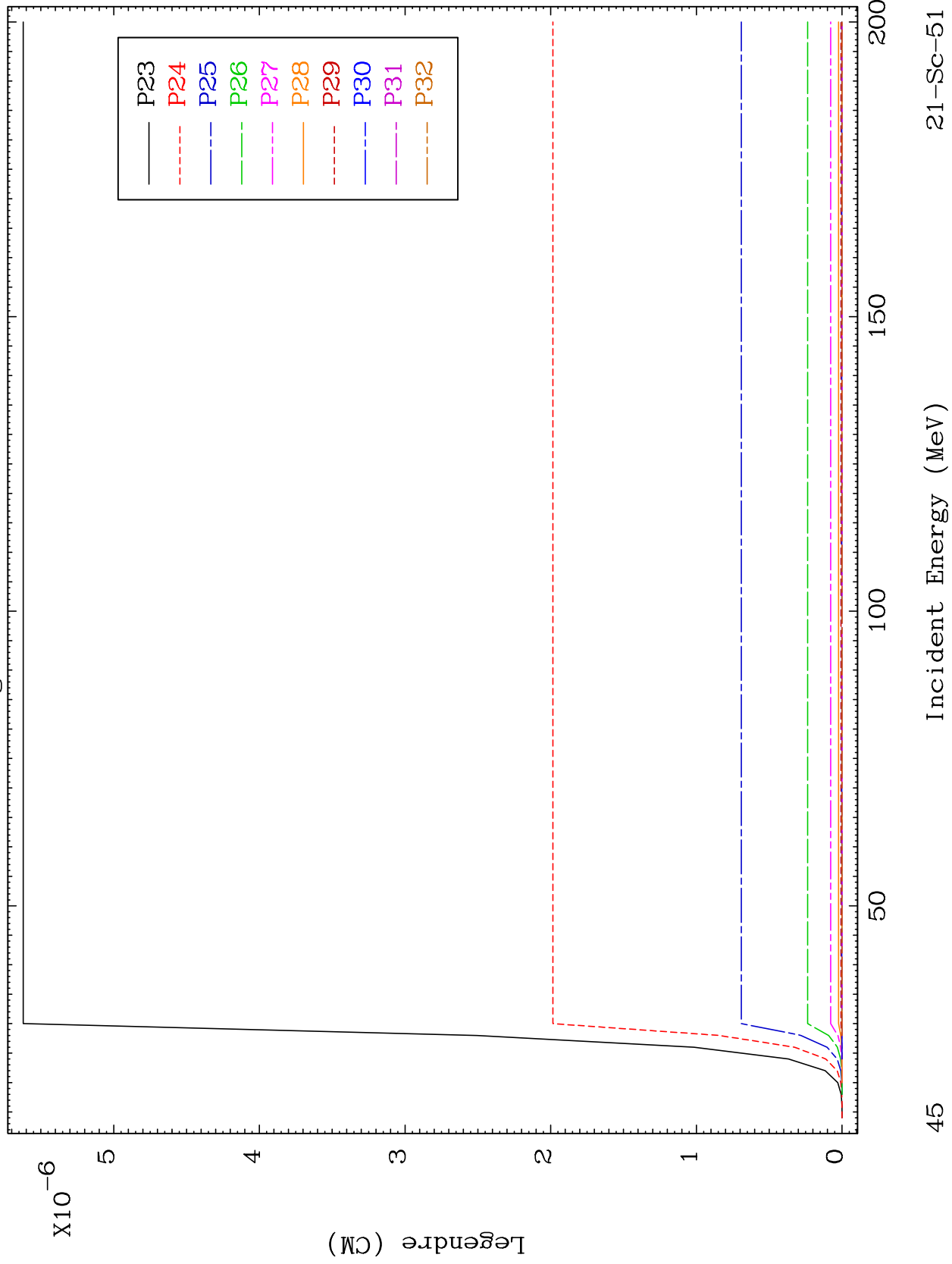
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

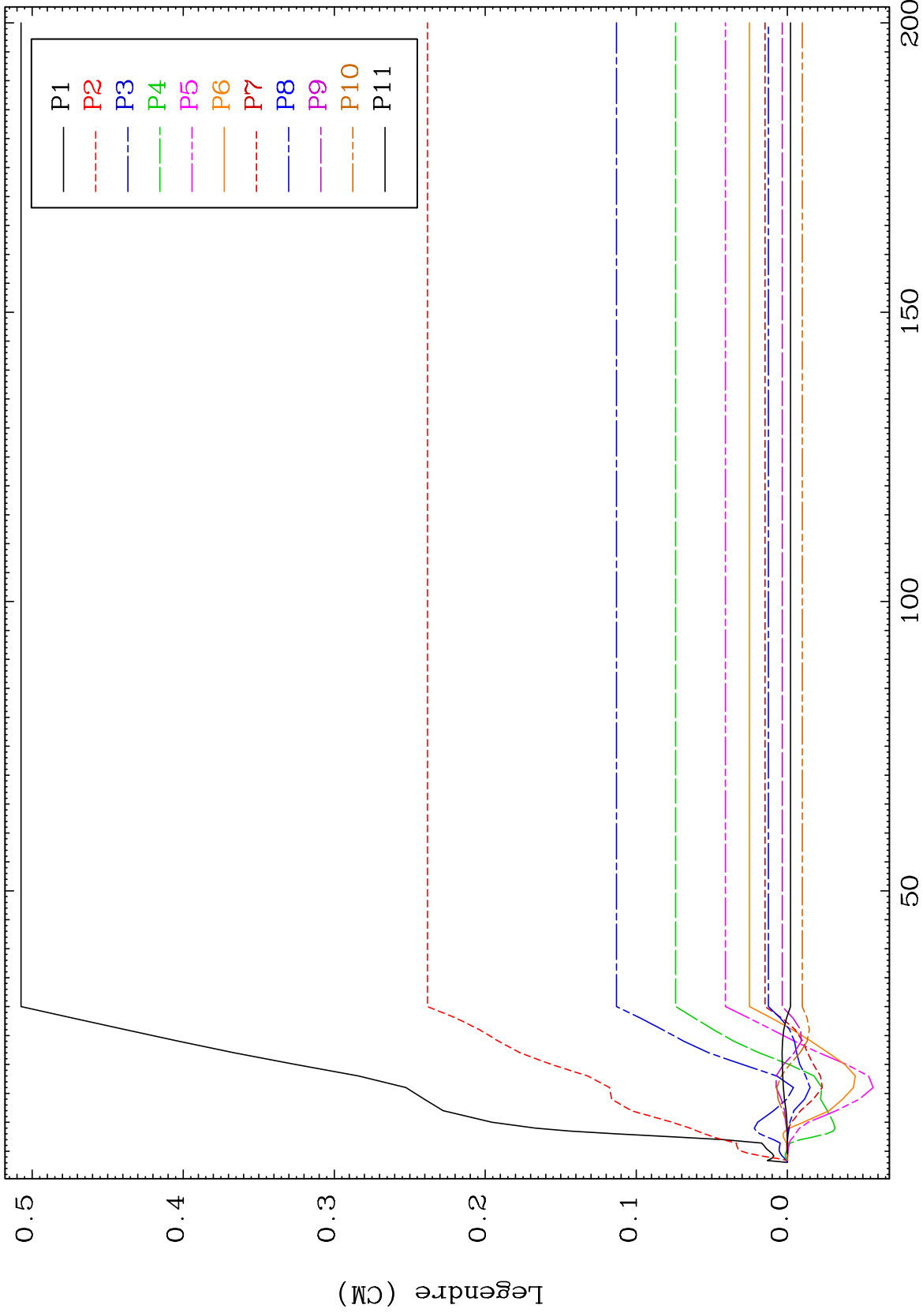
21-Sc-51



MAT 2143

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

21-Sc-51



46

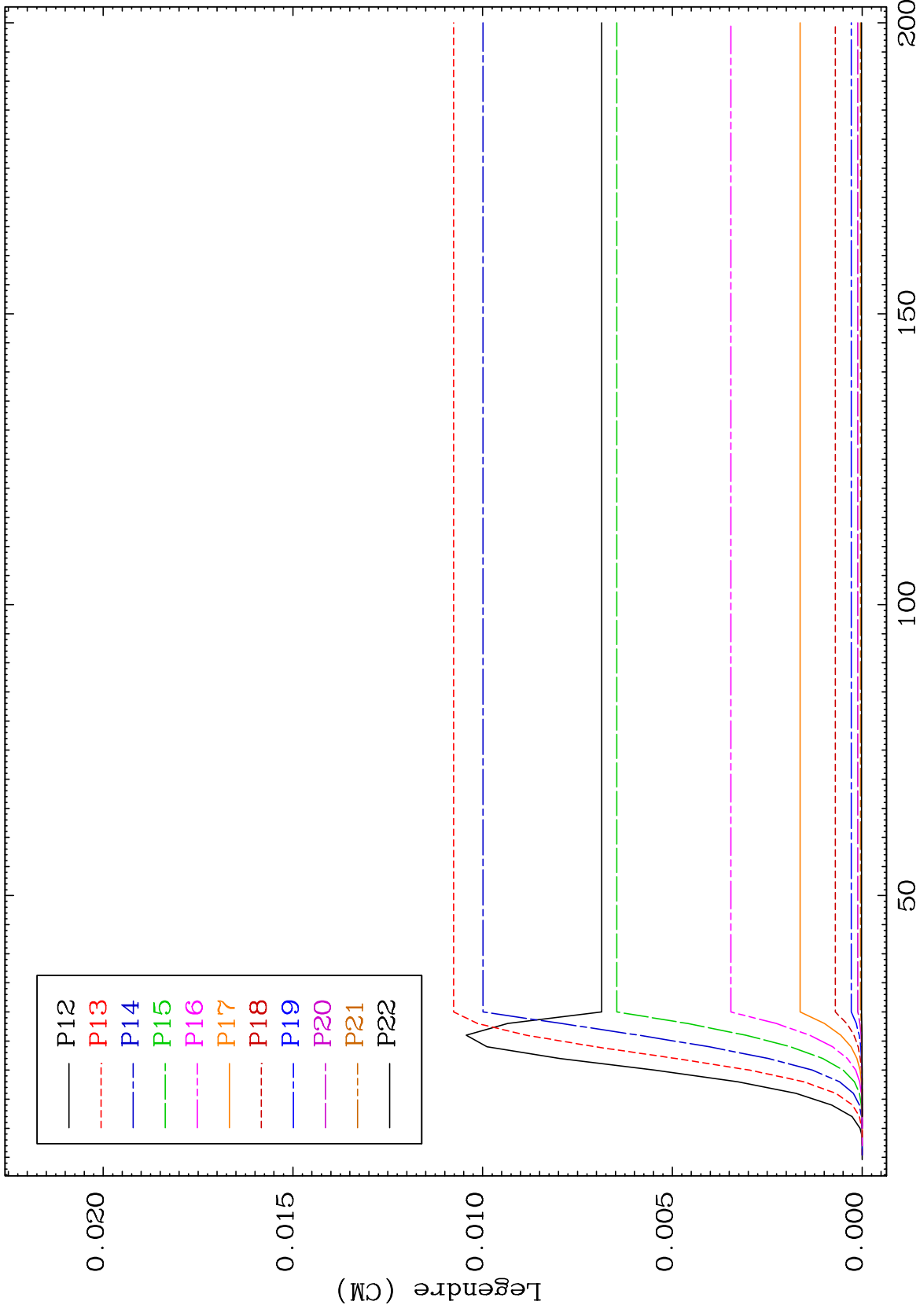
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



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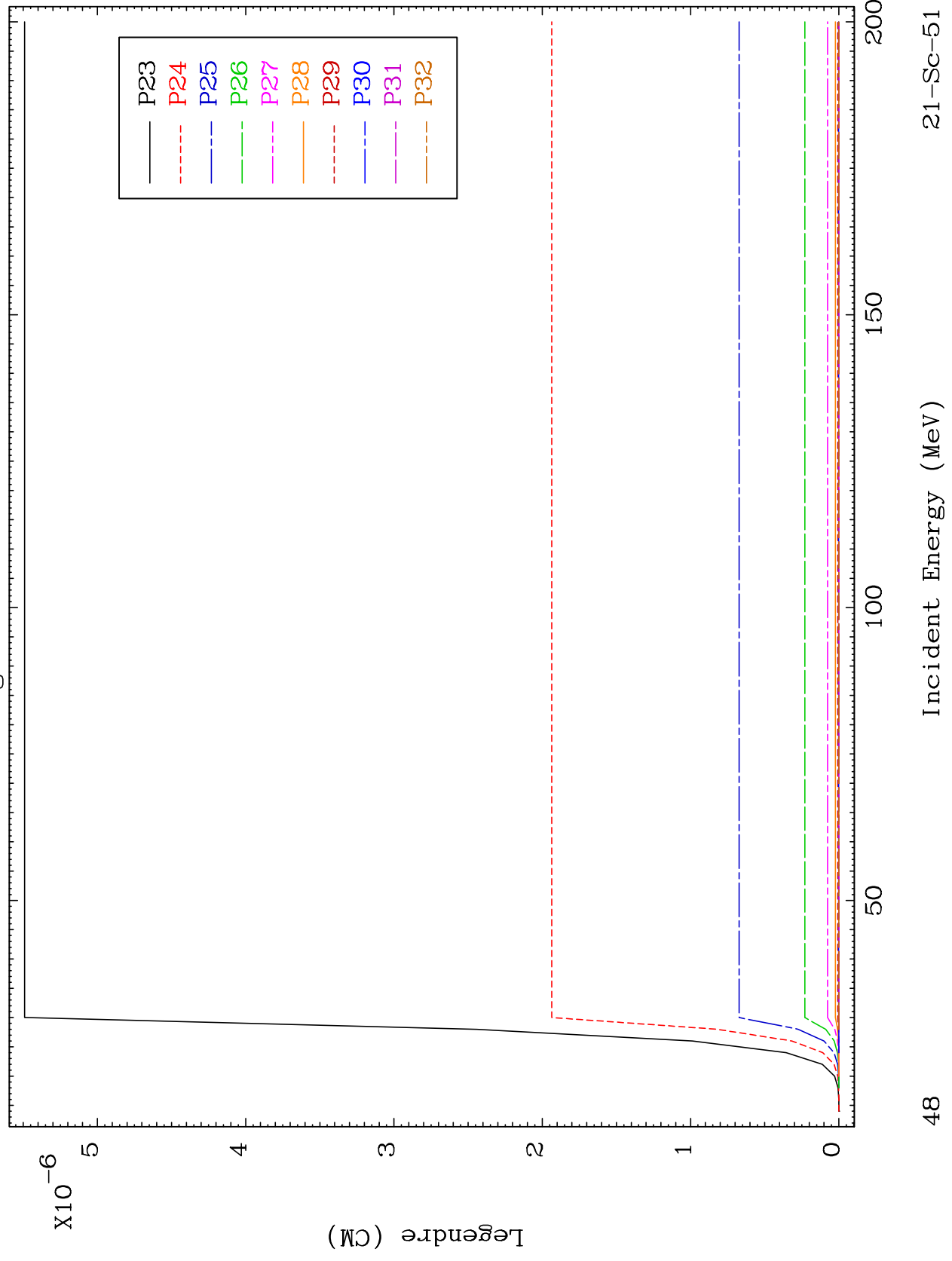
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



48

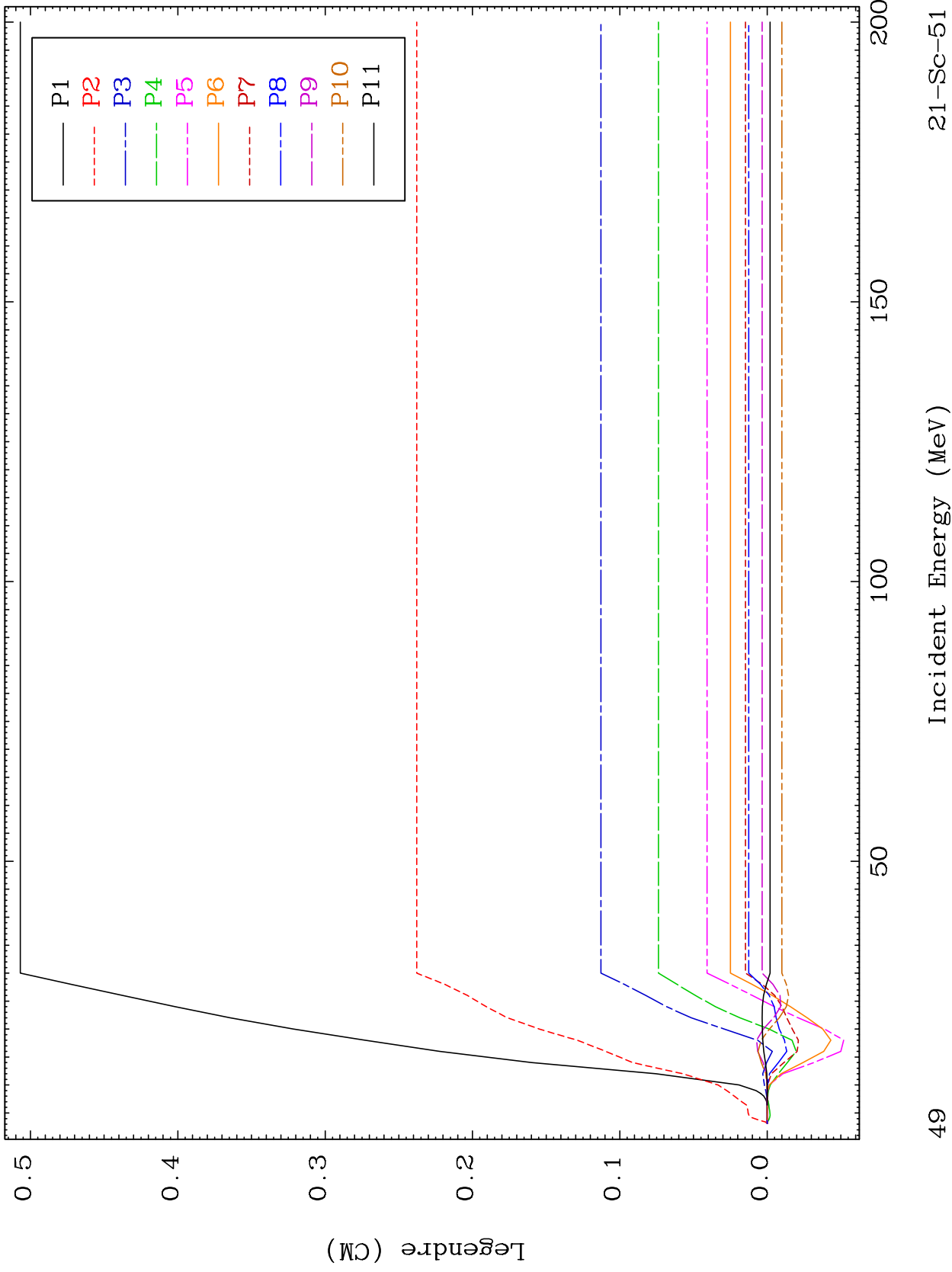
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



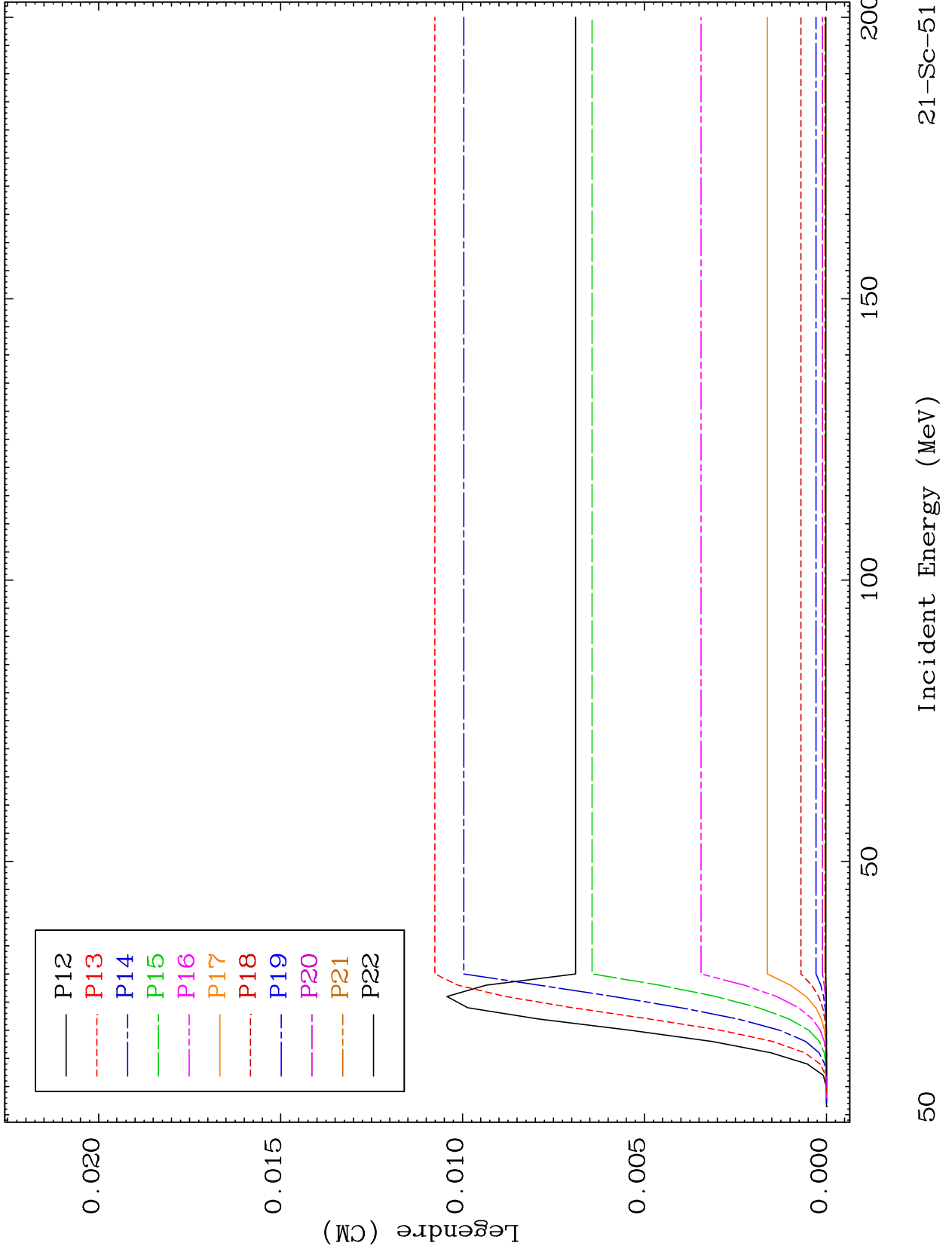
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21-Sc-51

MAT 2143

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

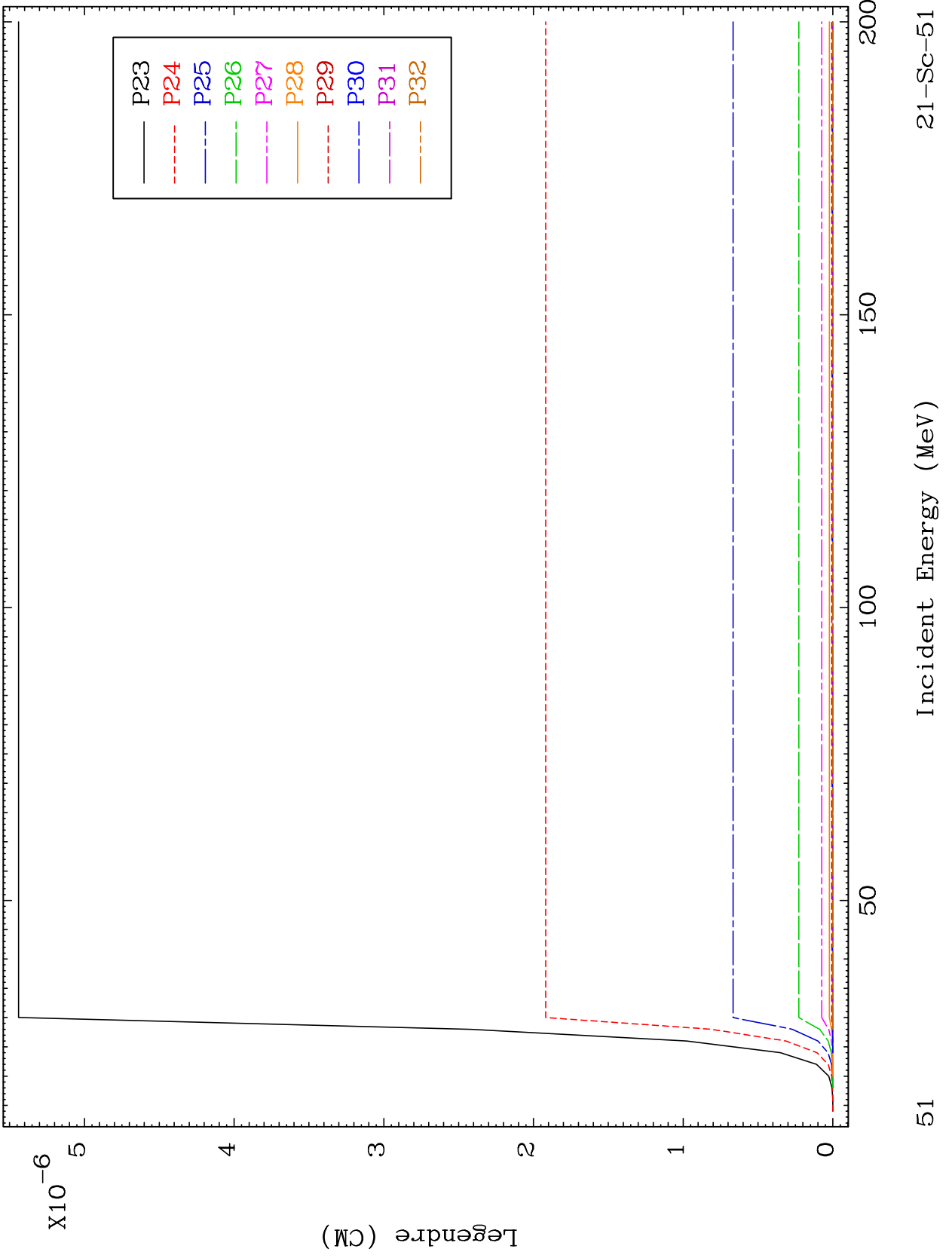
21-Sc-51



MAT 2143

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

21-Sc-51



51

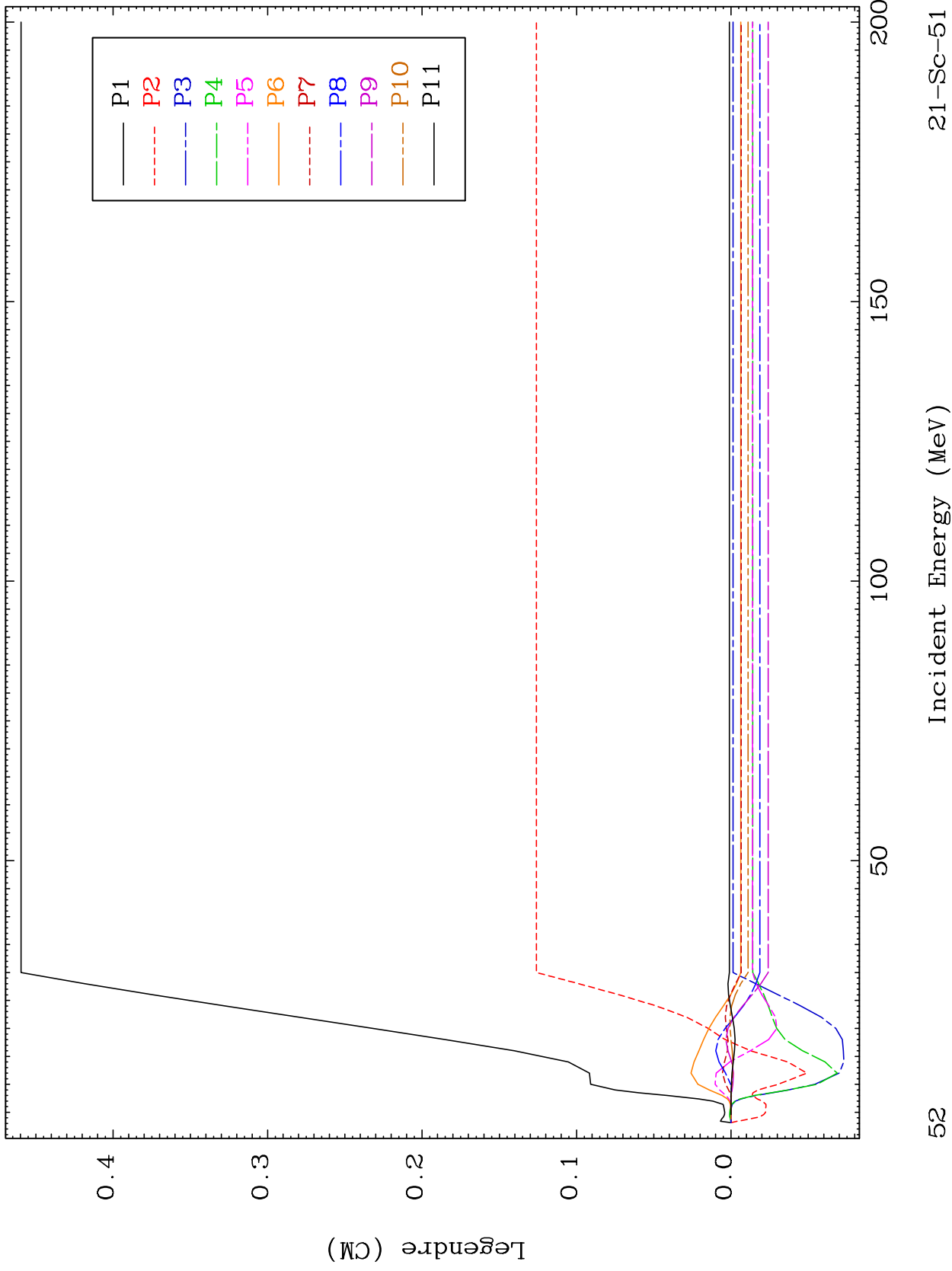
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

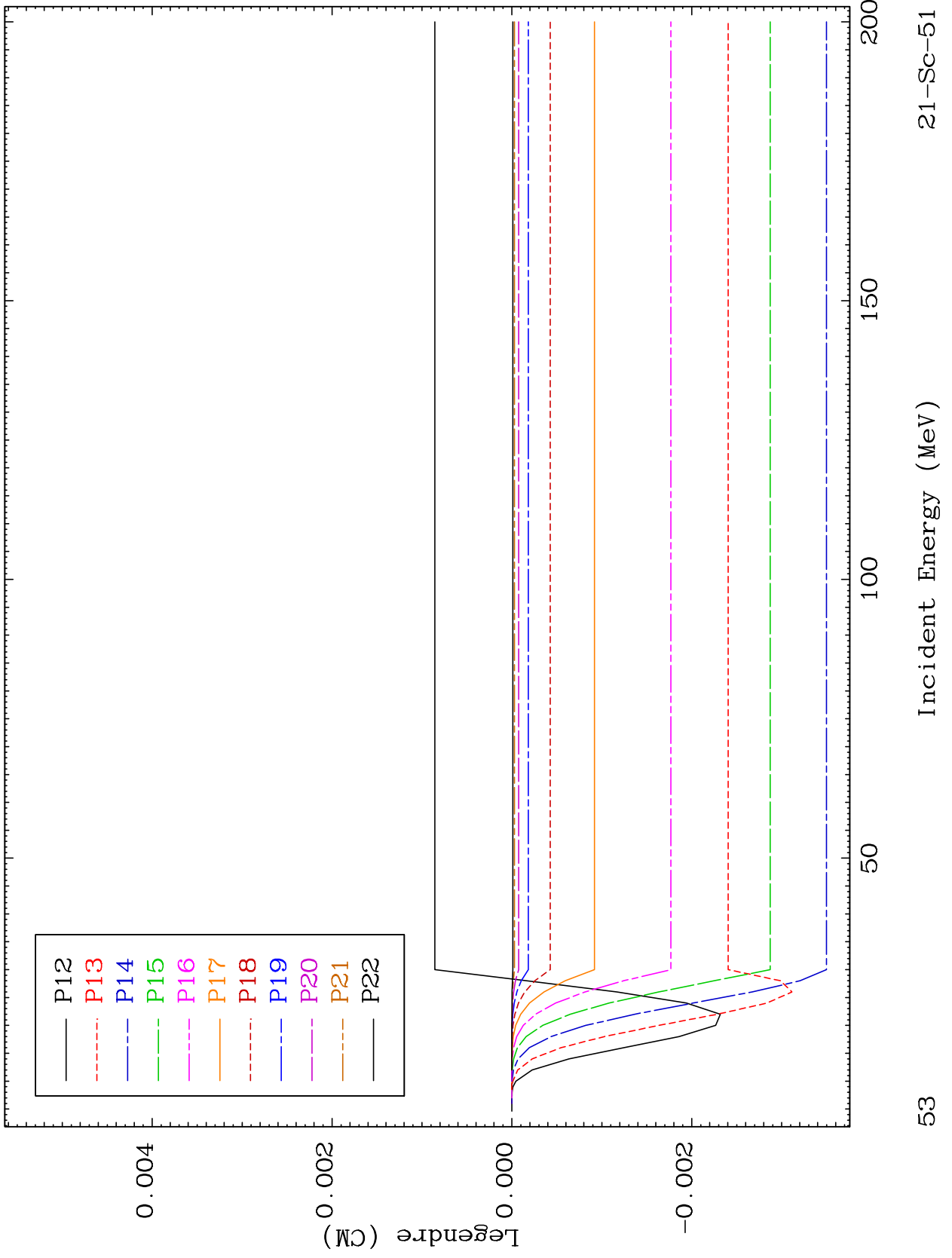
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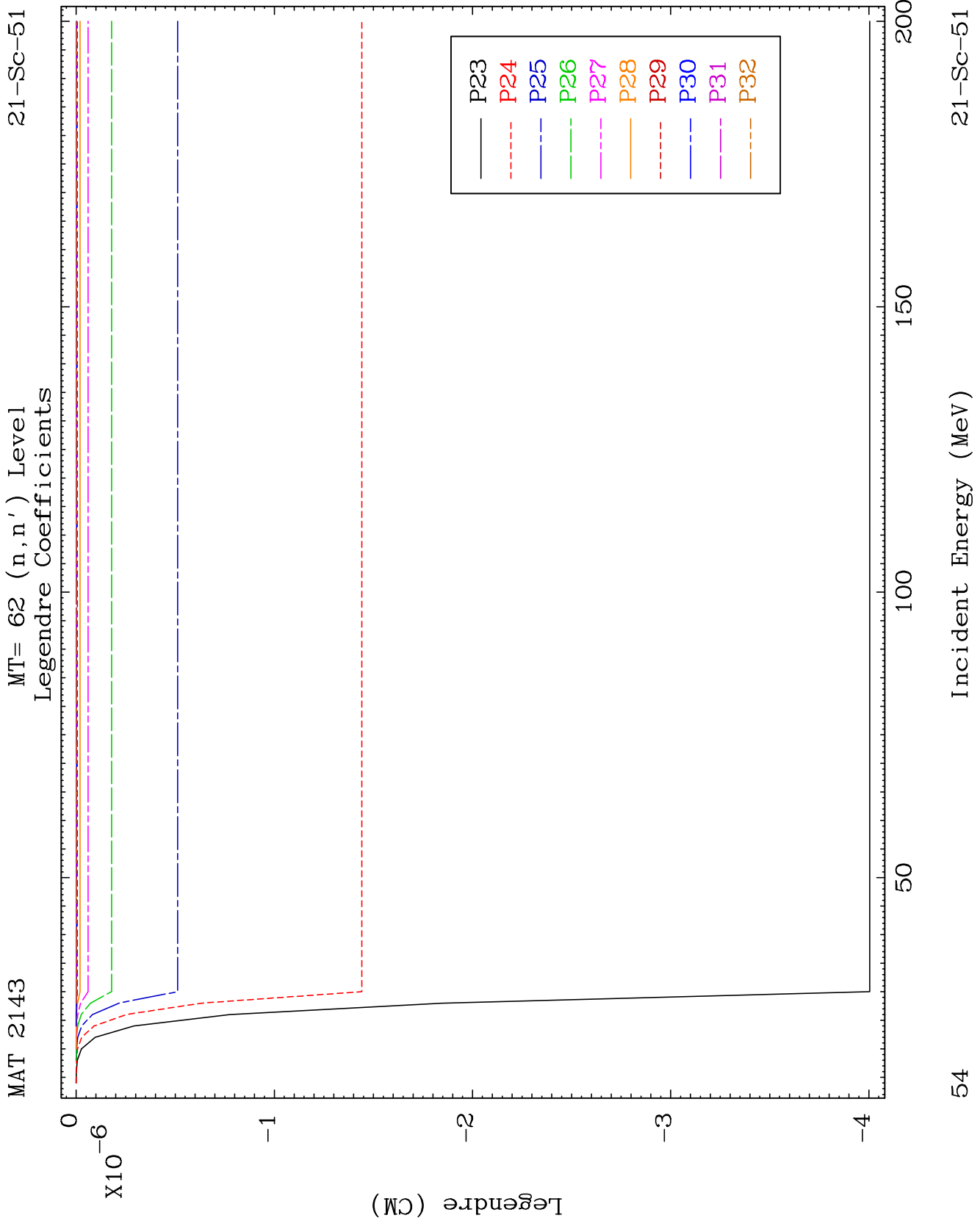


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Incident Energy (MeV)

21-Sc-51

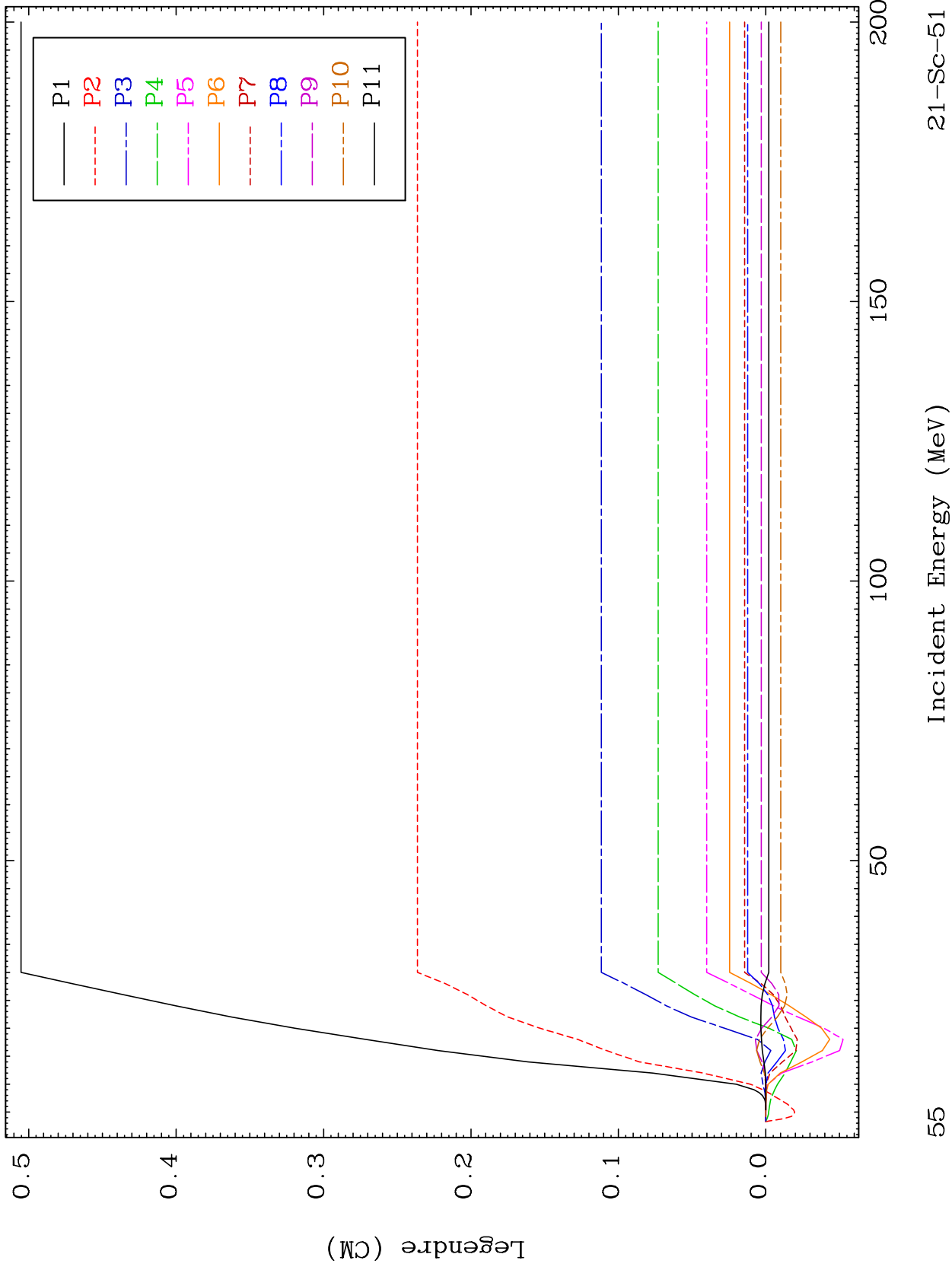




MAT 2143

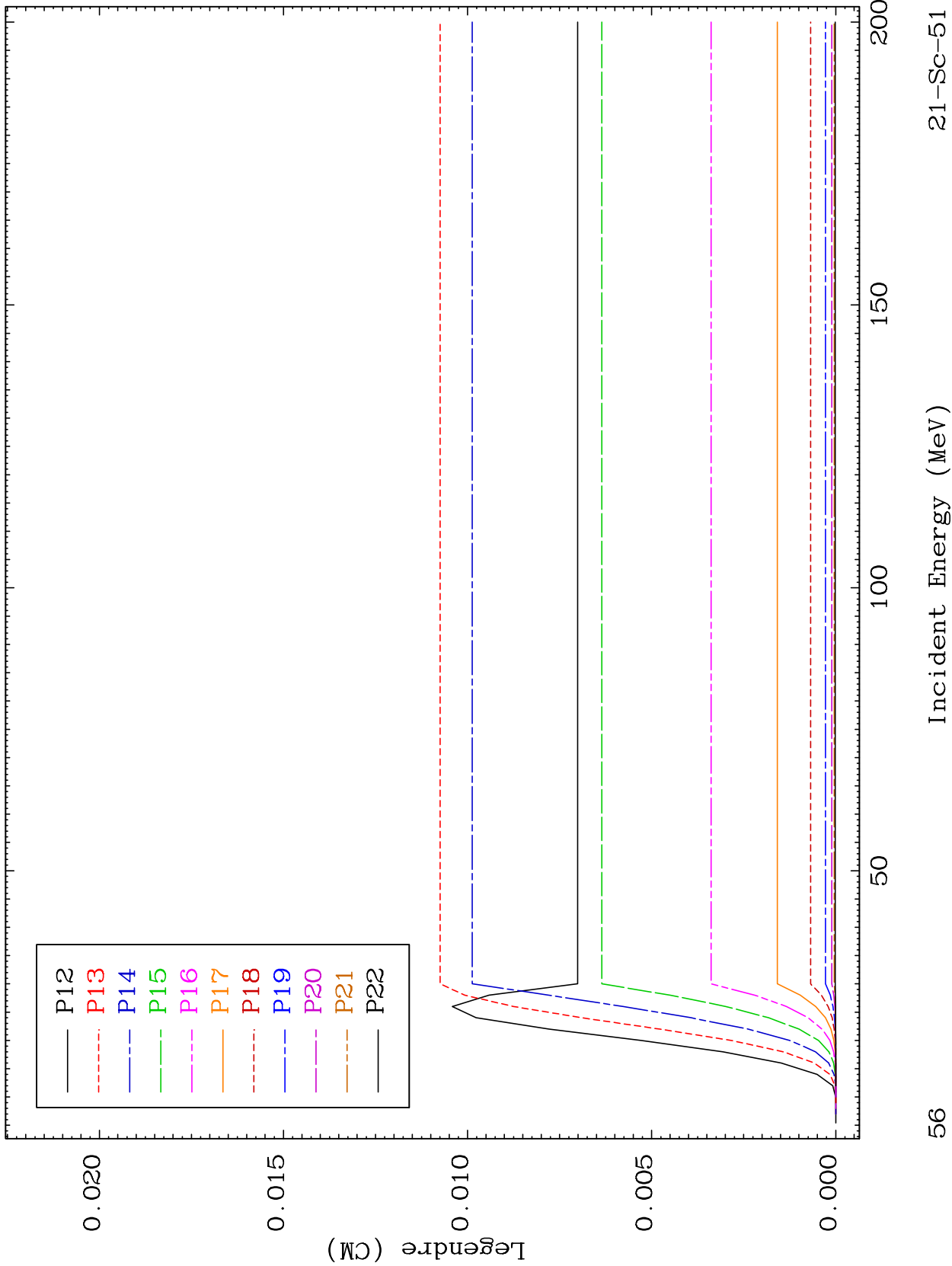
MT= 63 (n,n') Level
Legendre Coefficients

21-Sc-51



55

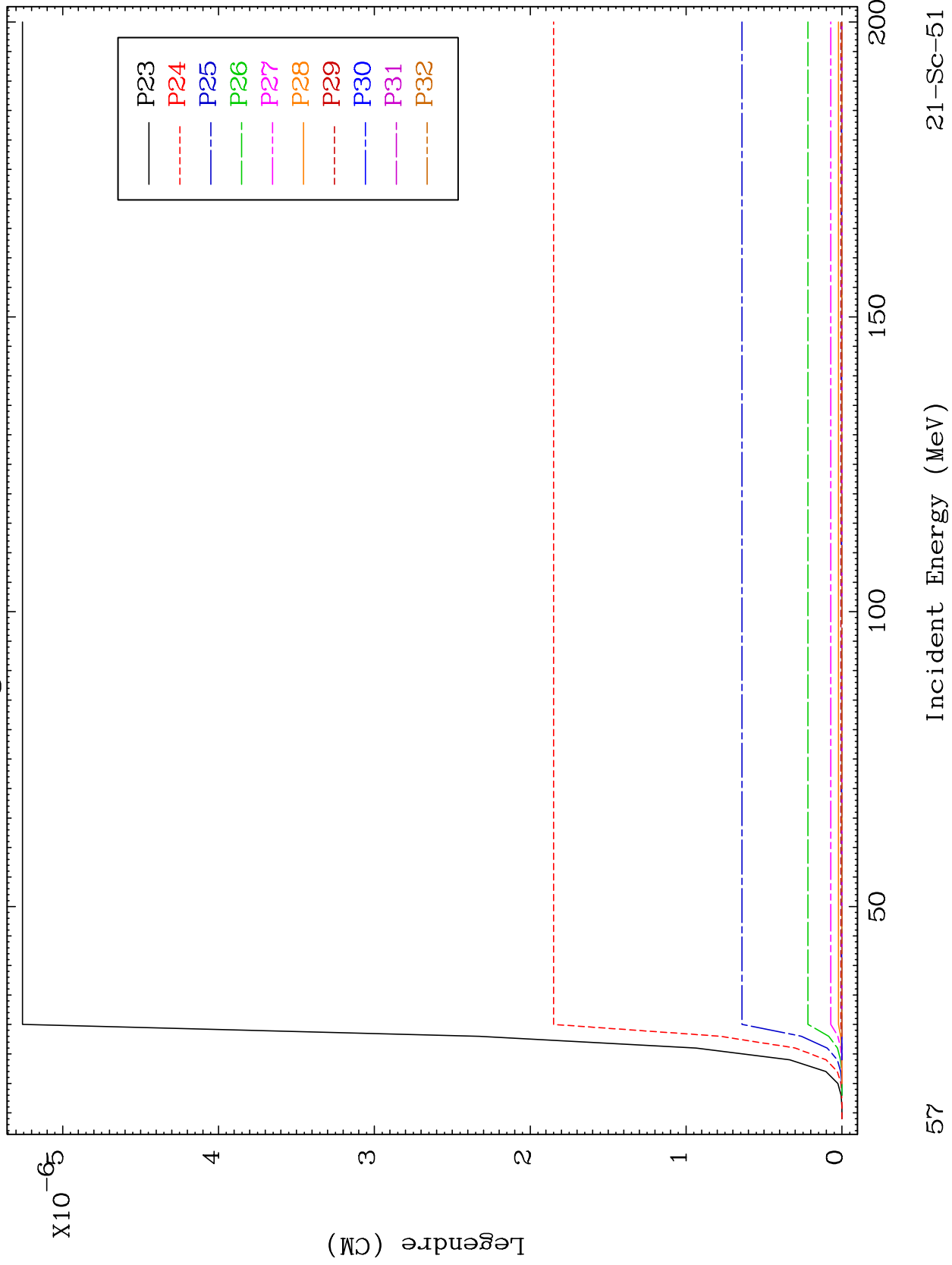
21-Sc-51



MAT 2143

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

21-Sc-51



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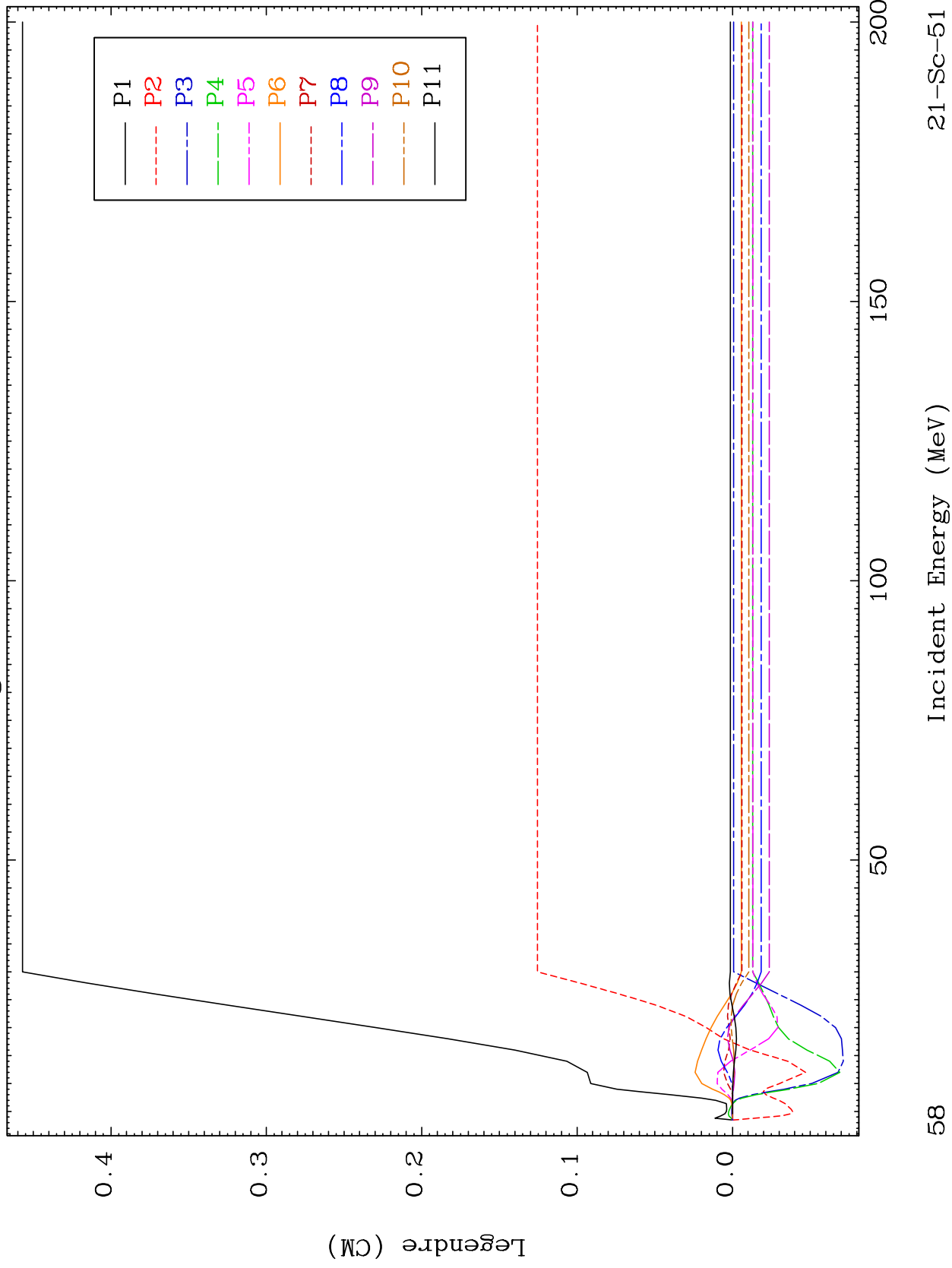
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



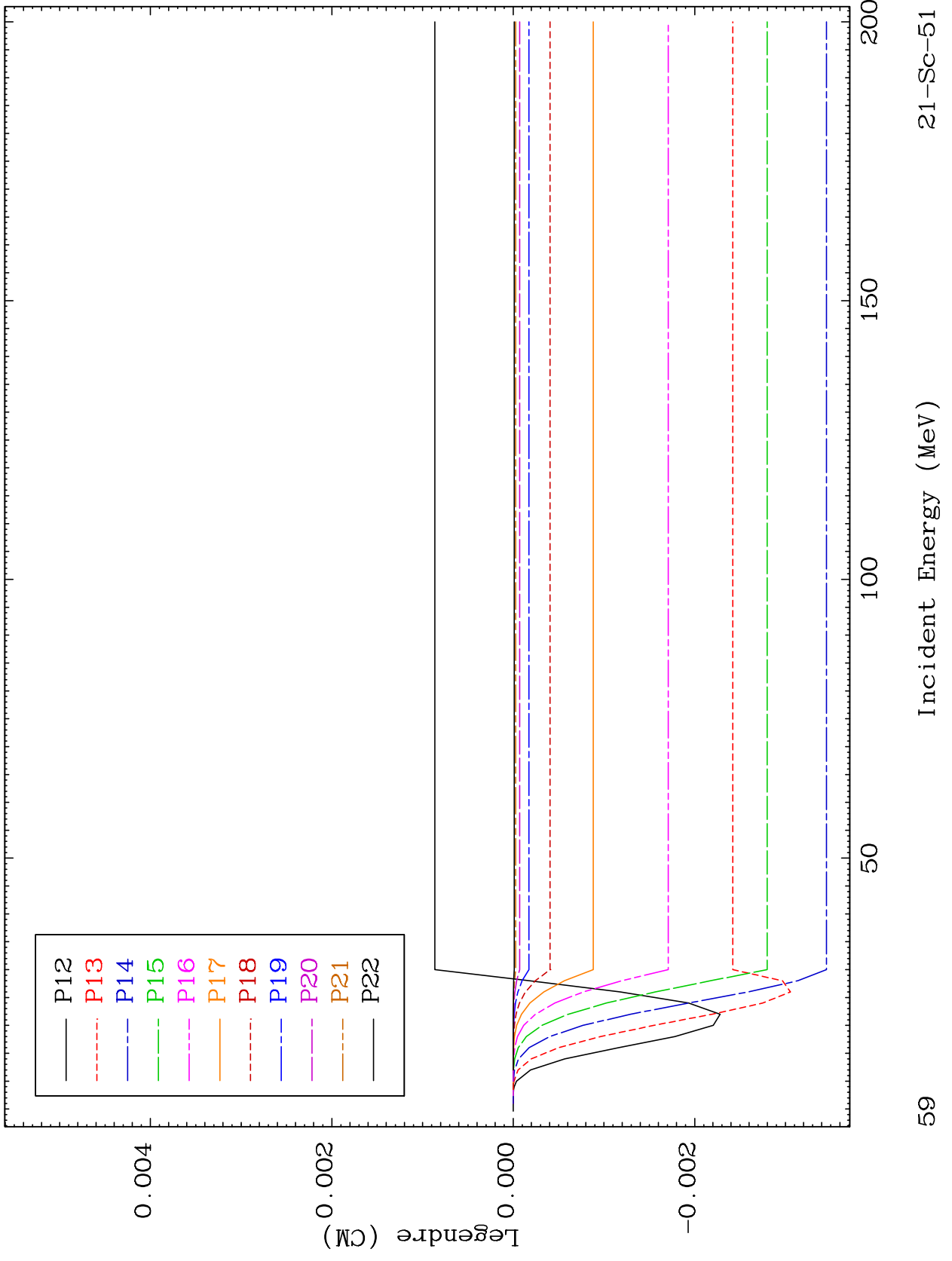
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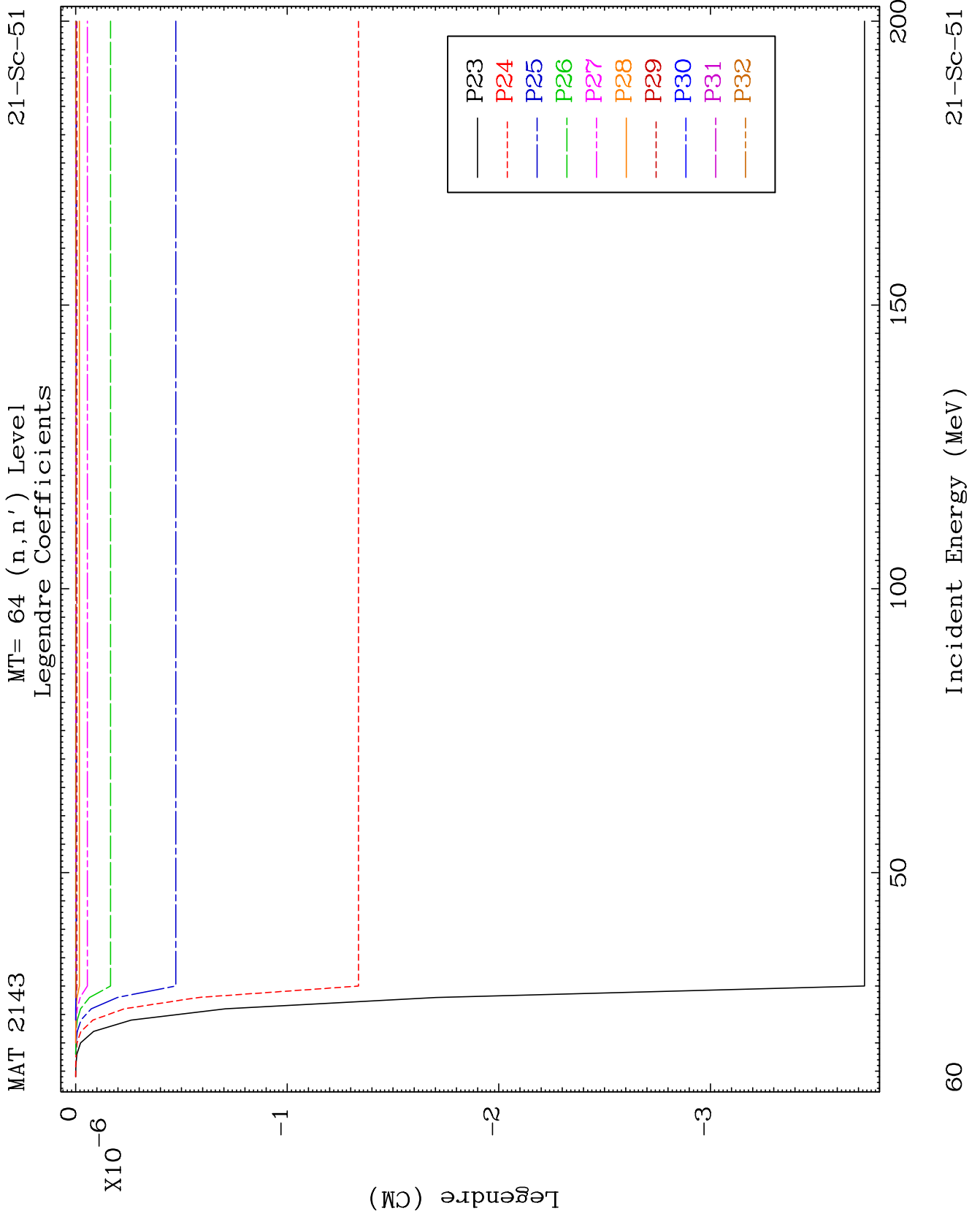
21-Sc-51

MAT 2143

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

21-Sc-51

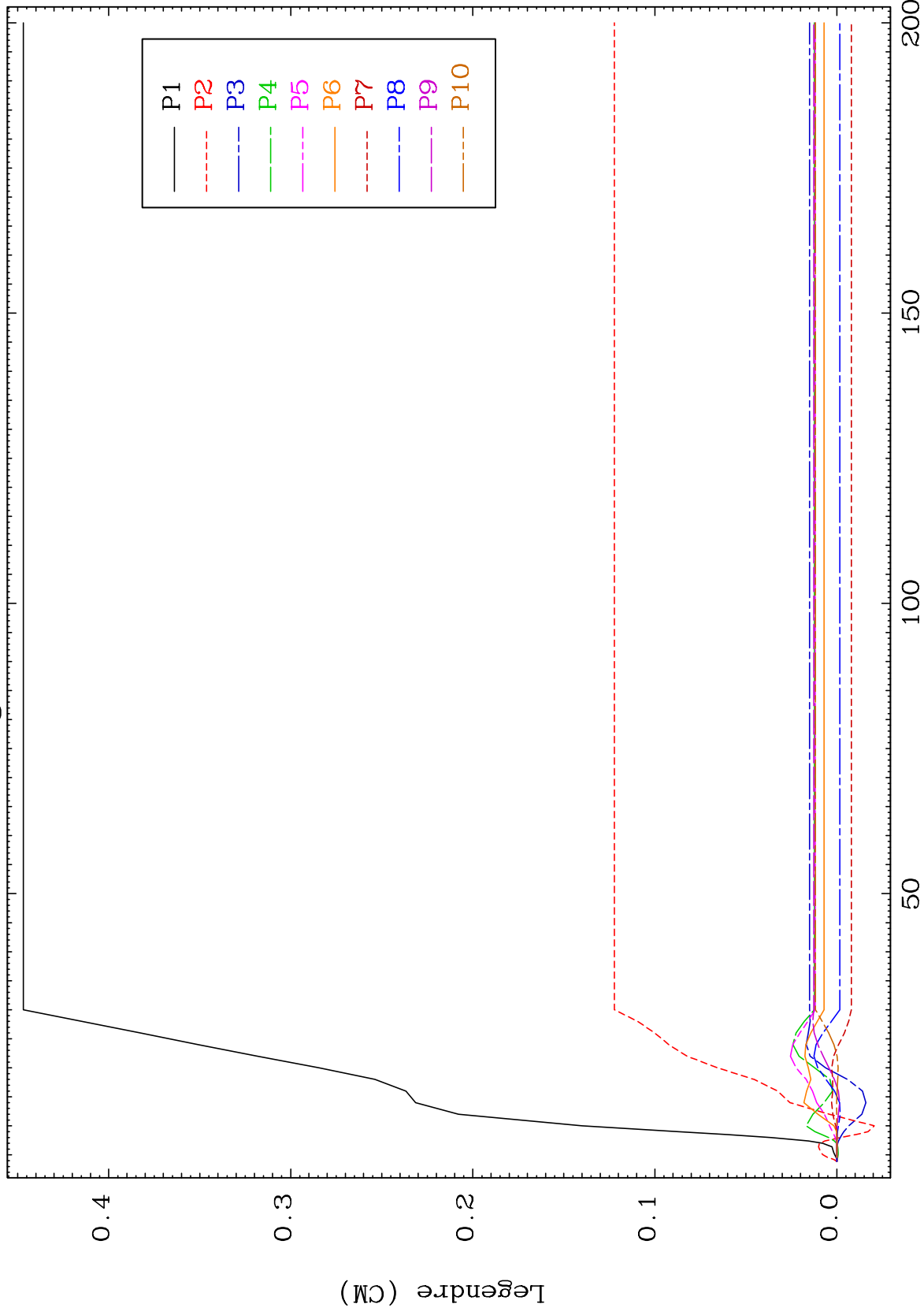




MAT 2143

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

21-Sc-51



61

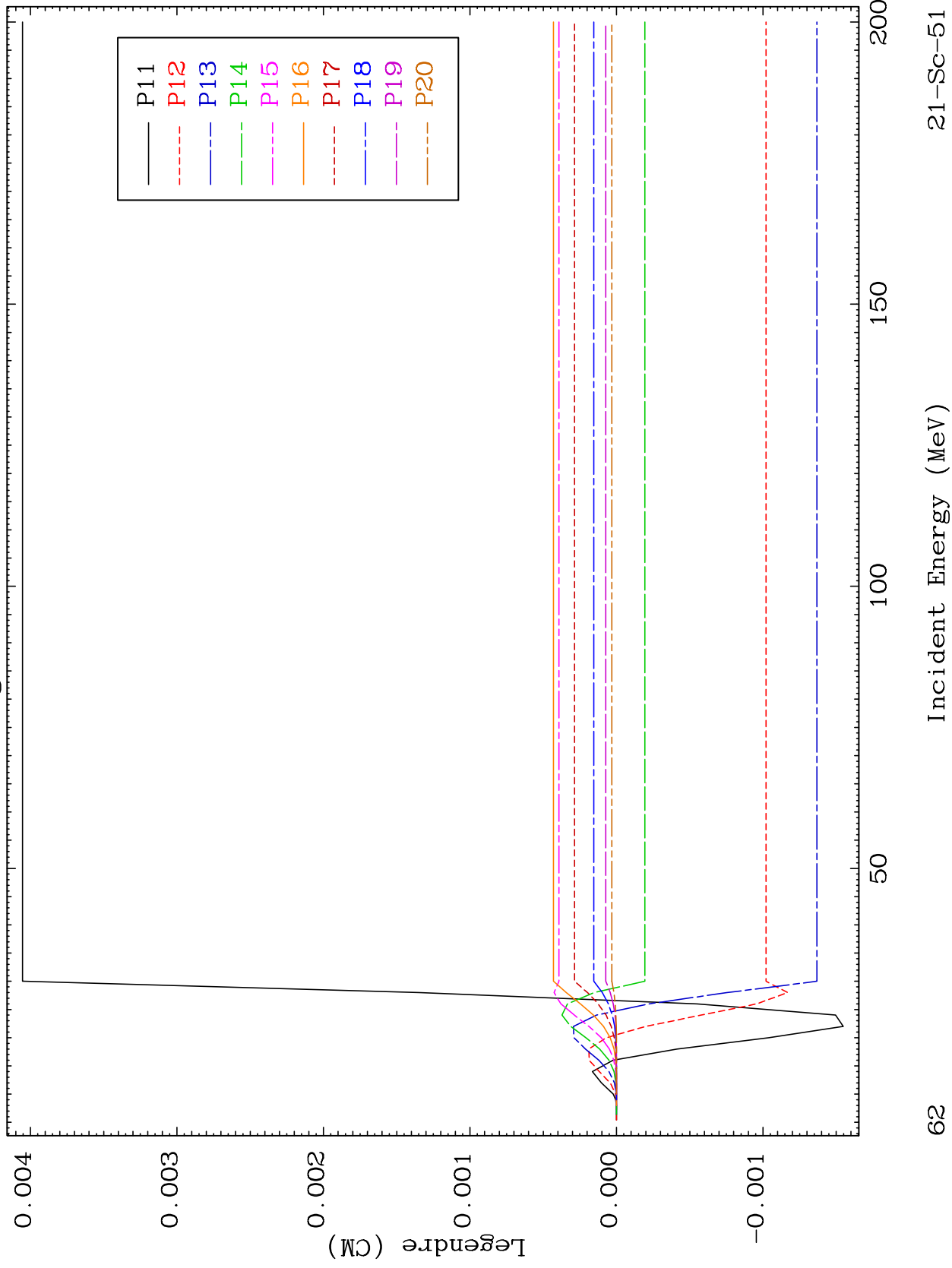
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



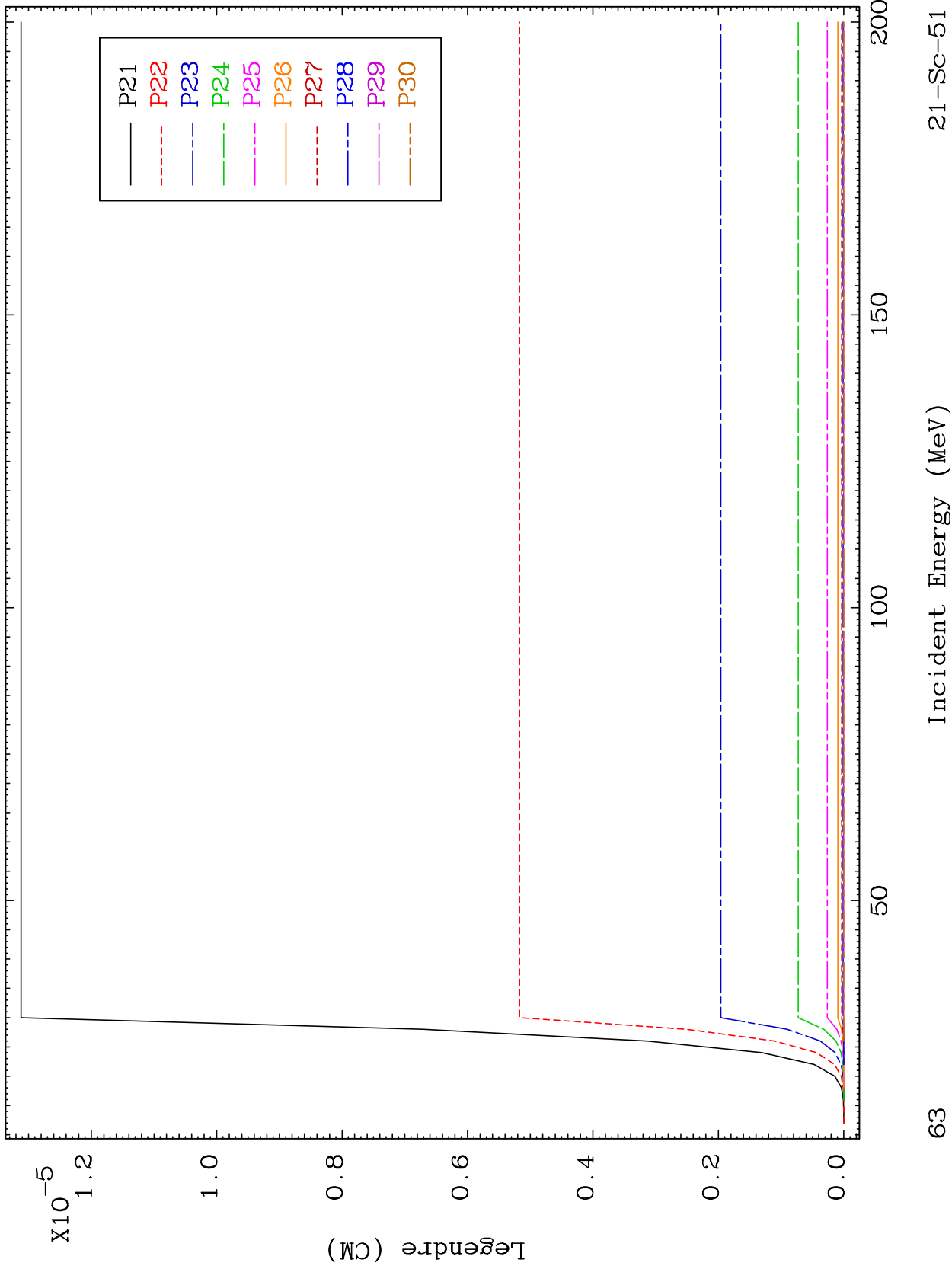
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21-Sc-51

MAT 2143

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

21-Sc-51



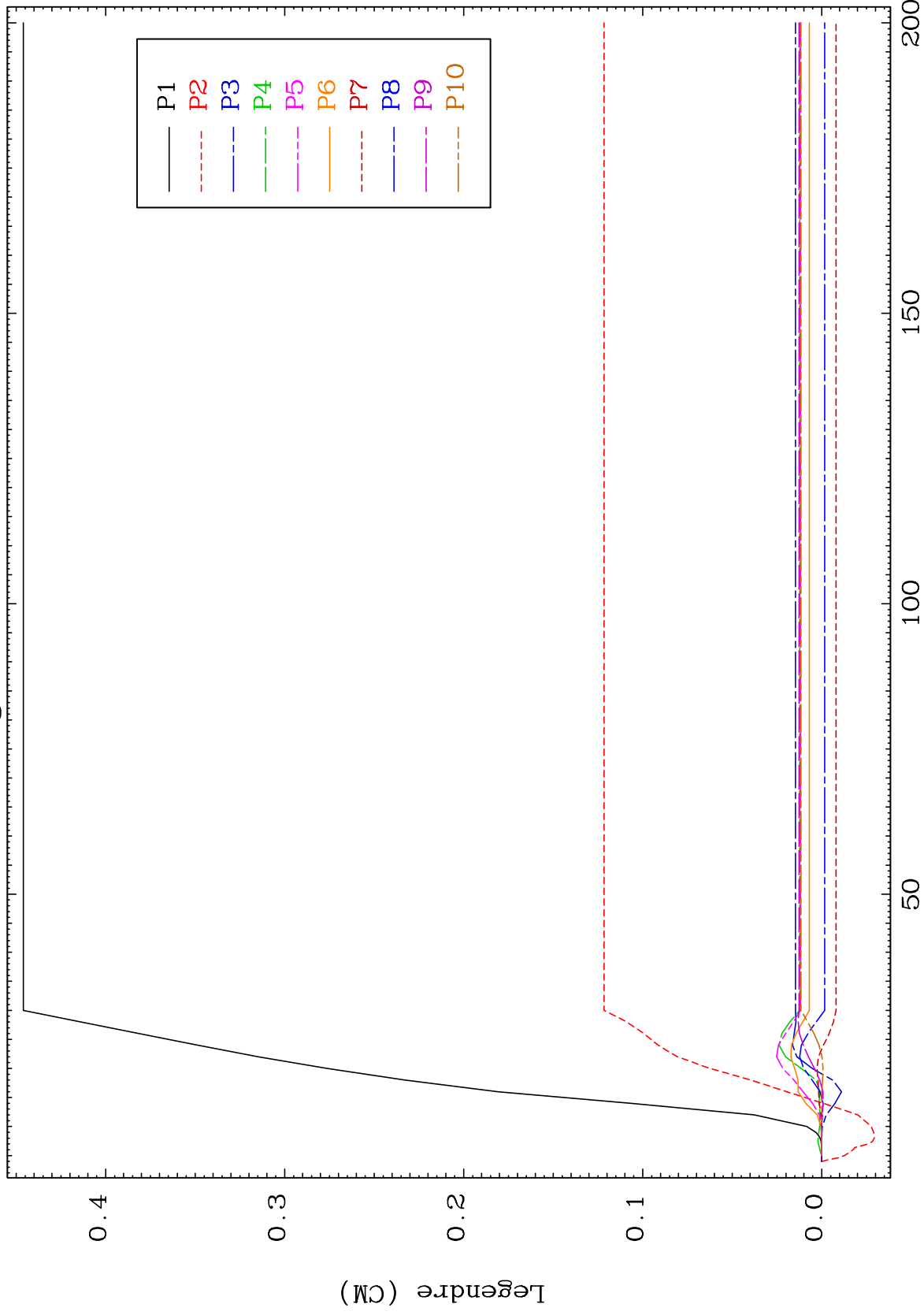
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21-Sc-51

MAT 2143

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

21-Sc-51



64

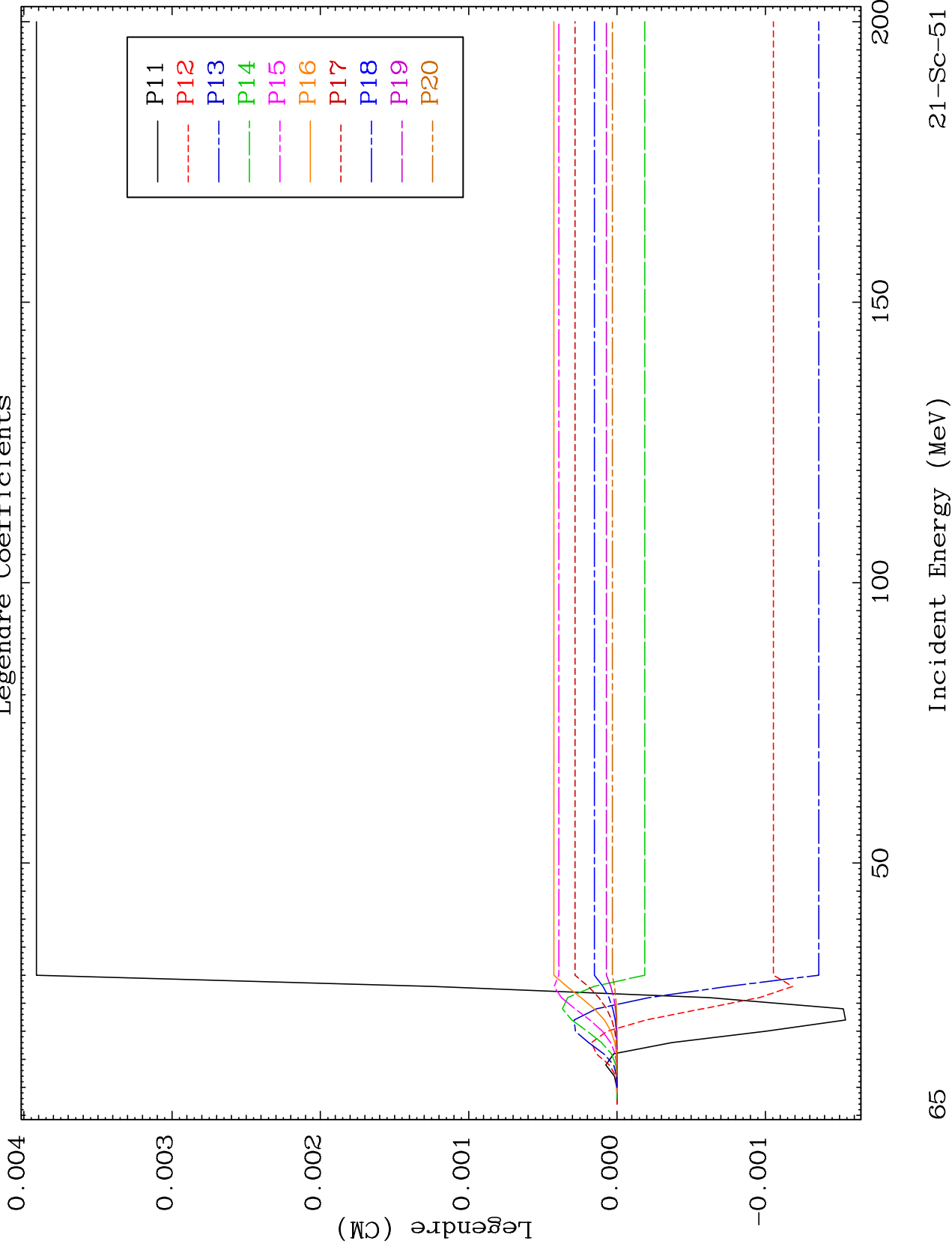
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



65

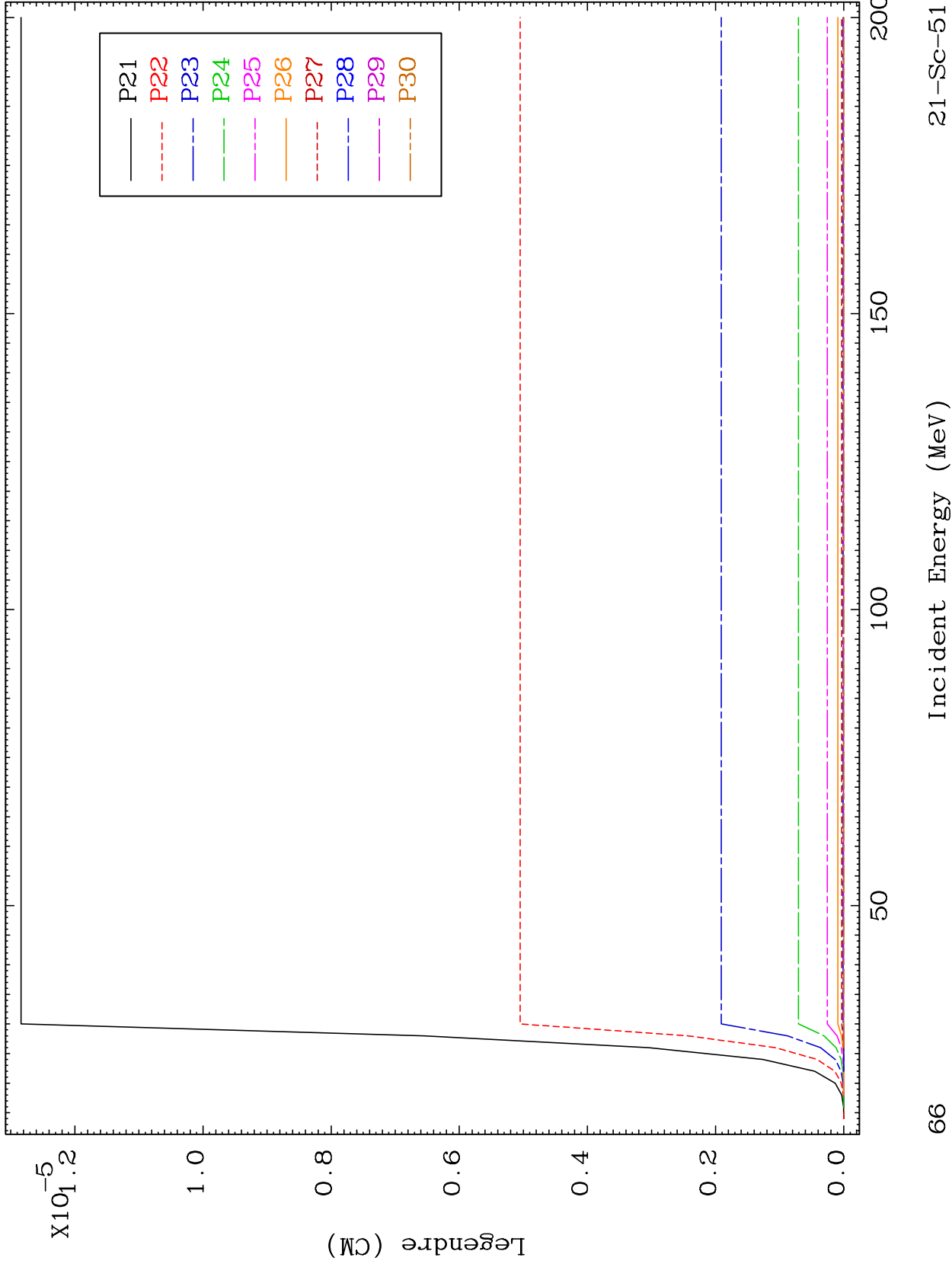
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

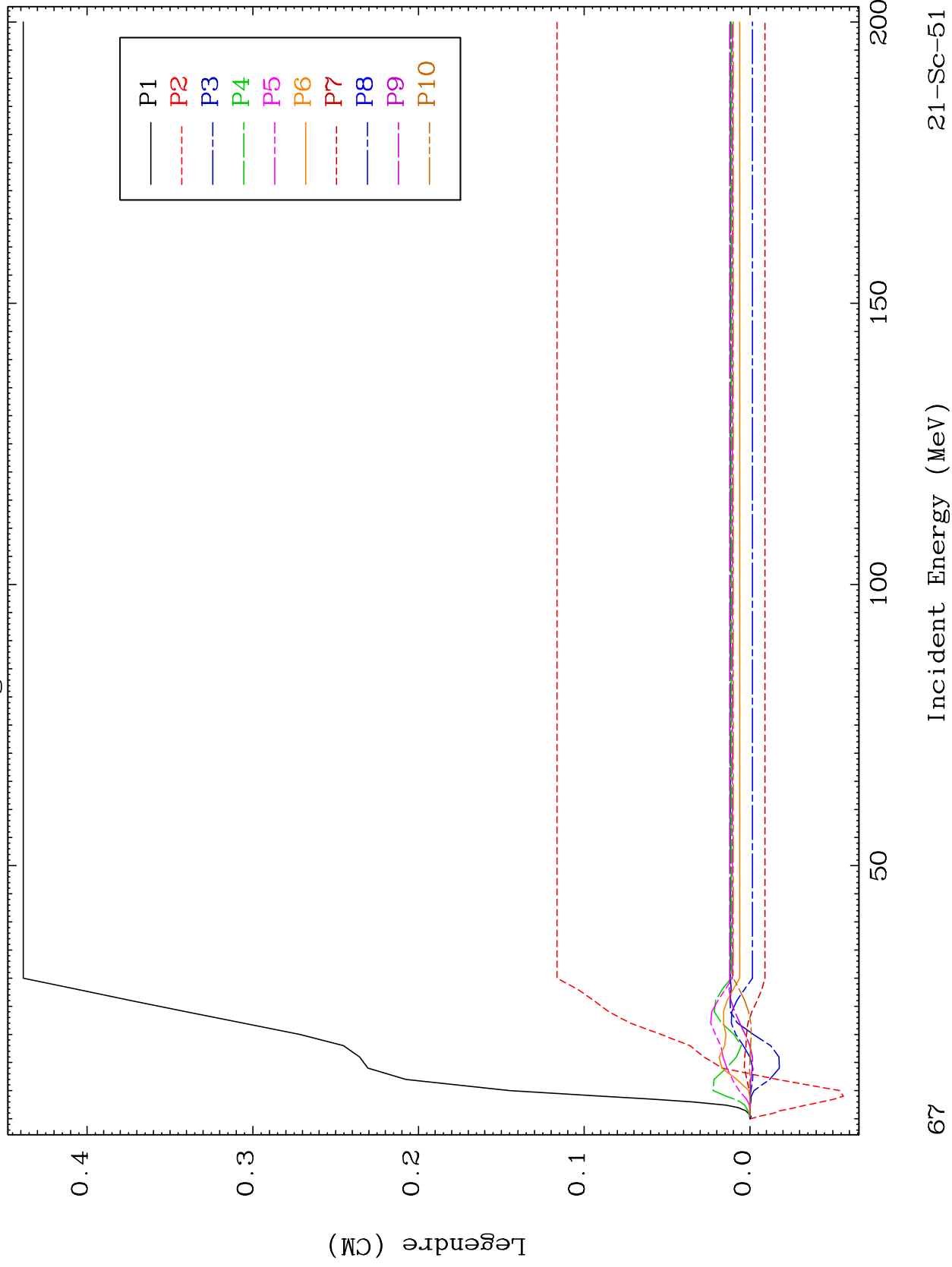
21-Sc-51



MAT 2143

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

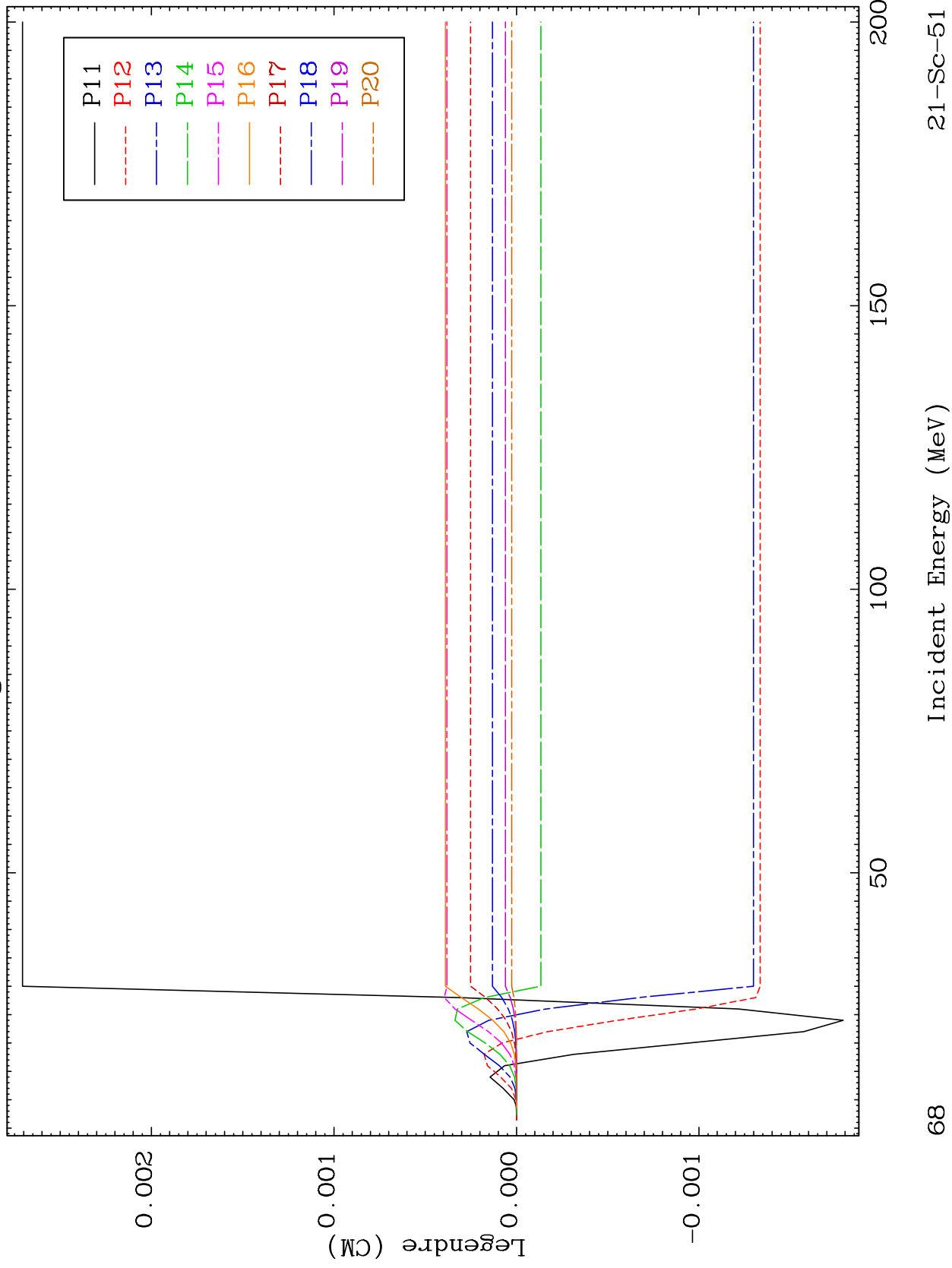
21-Sc-51



MAT 2143

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

21-Sc-51



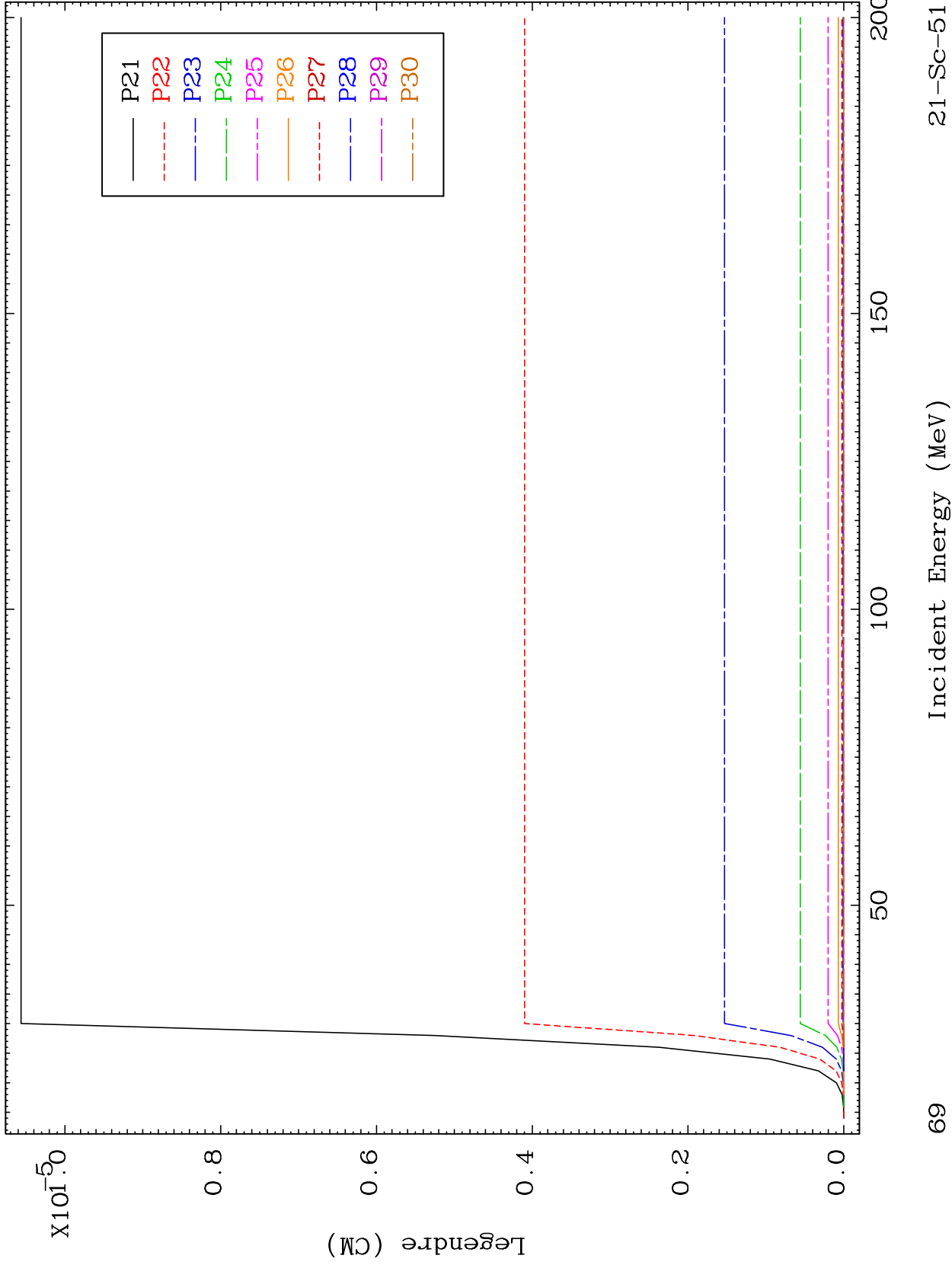
68

21-Sc-51

MAT 2143

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

21-Sc-51



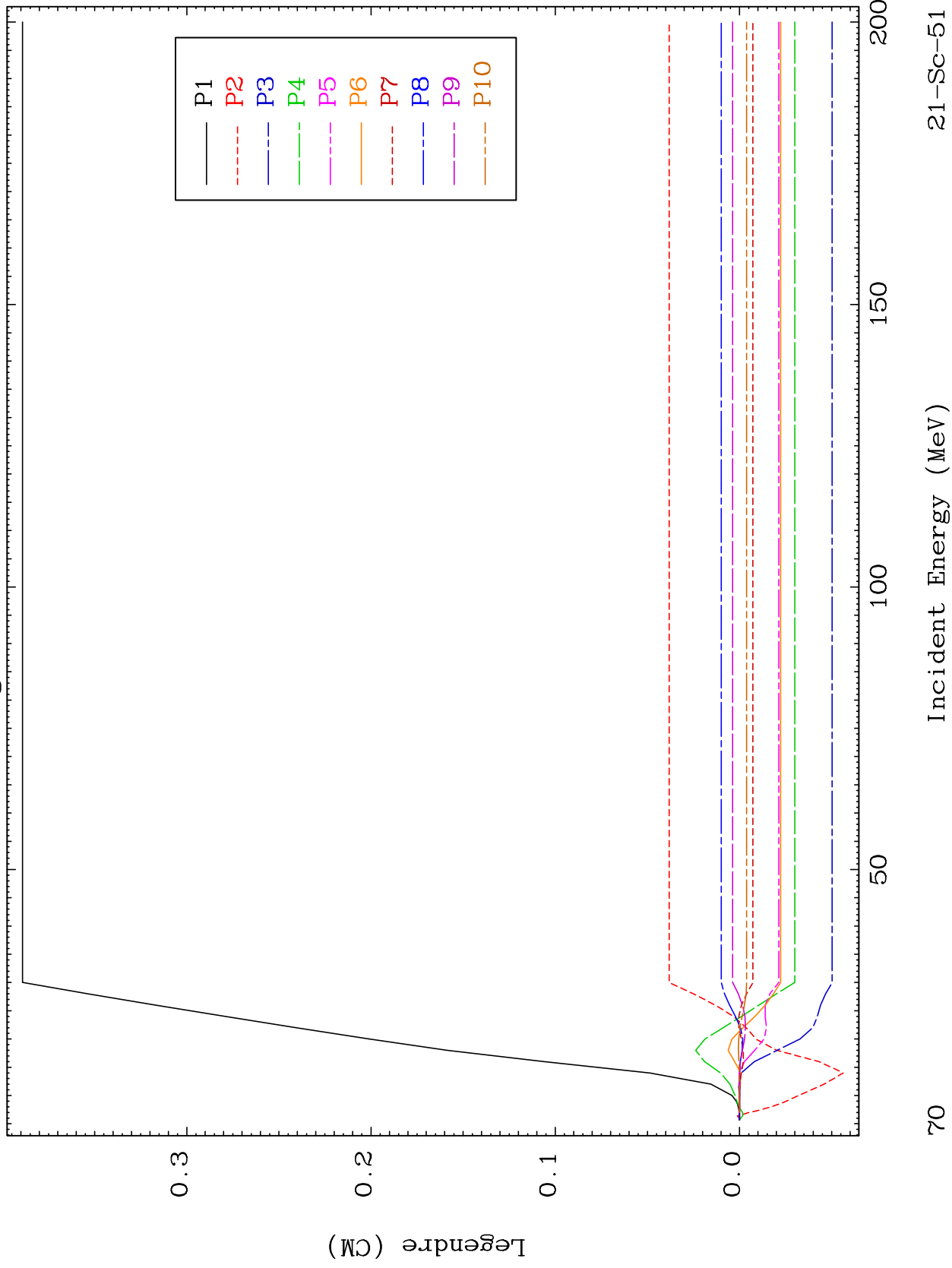
69

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MAT 2143

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

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70

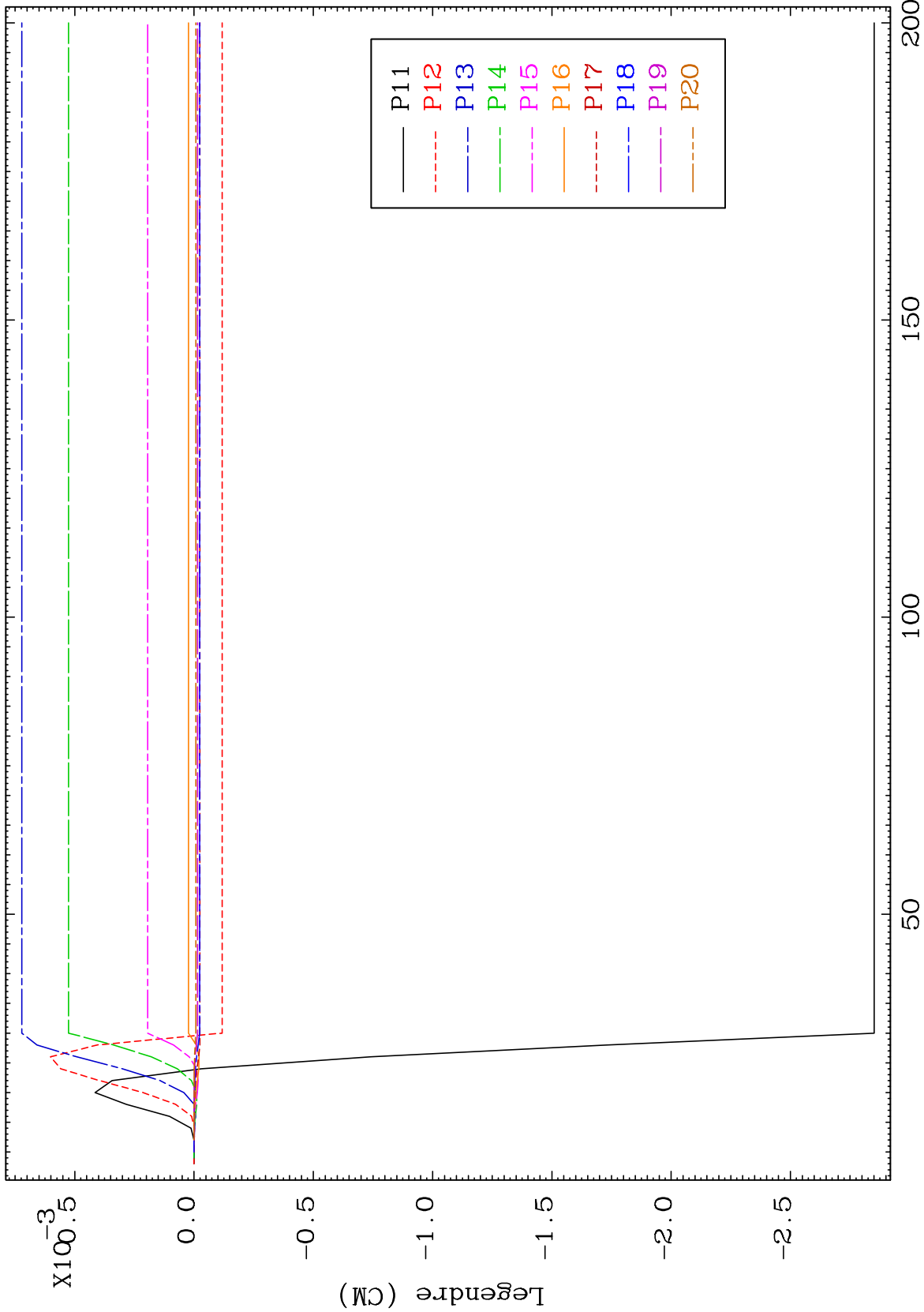
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

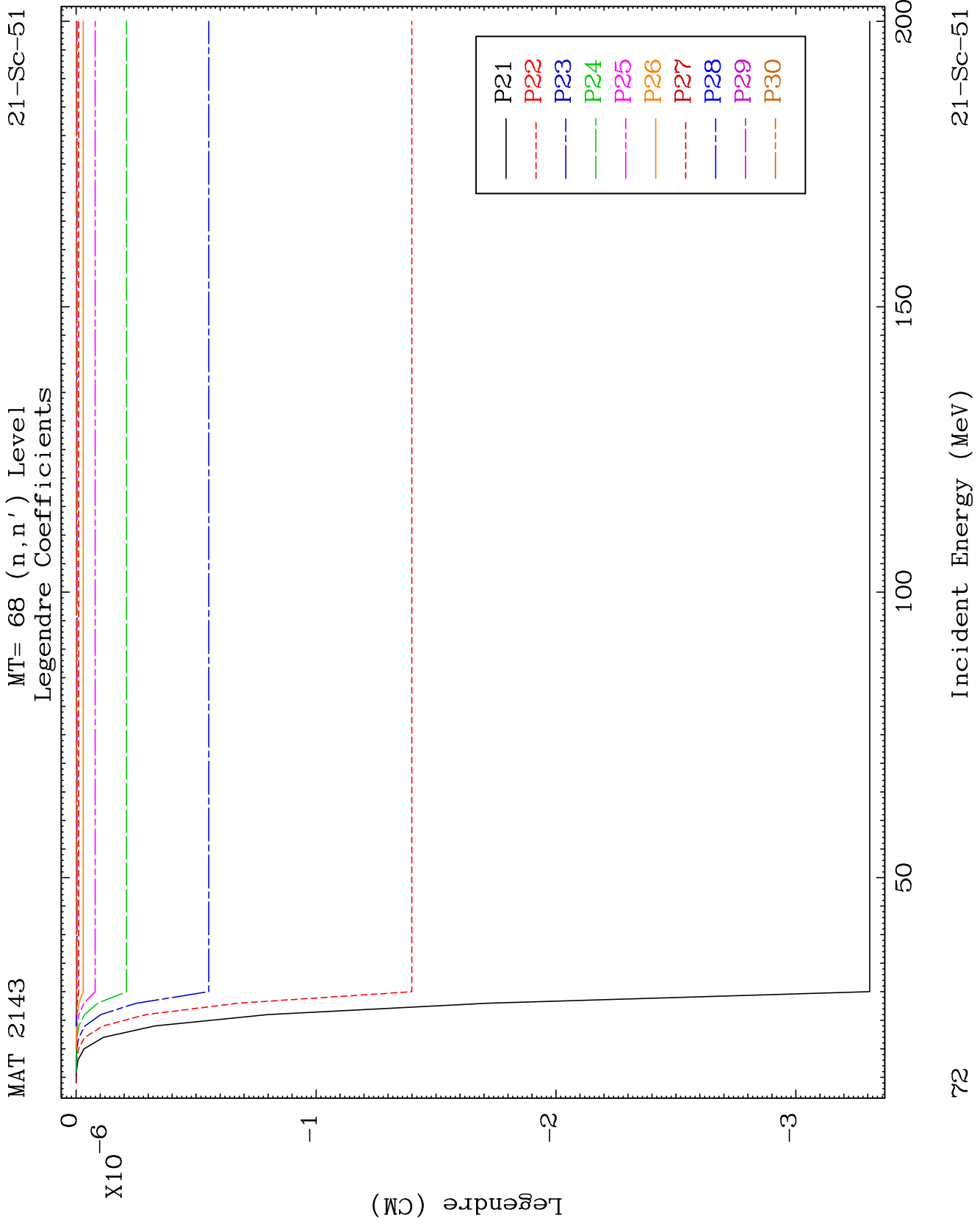
21-Sc-51



71

Incident Energy (MeV)

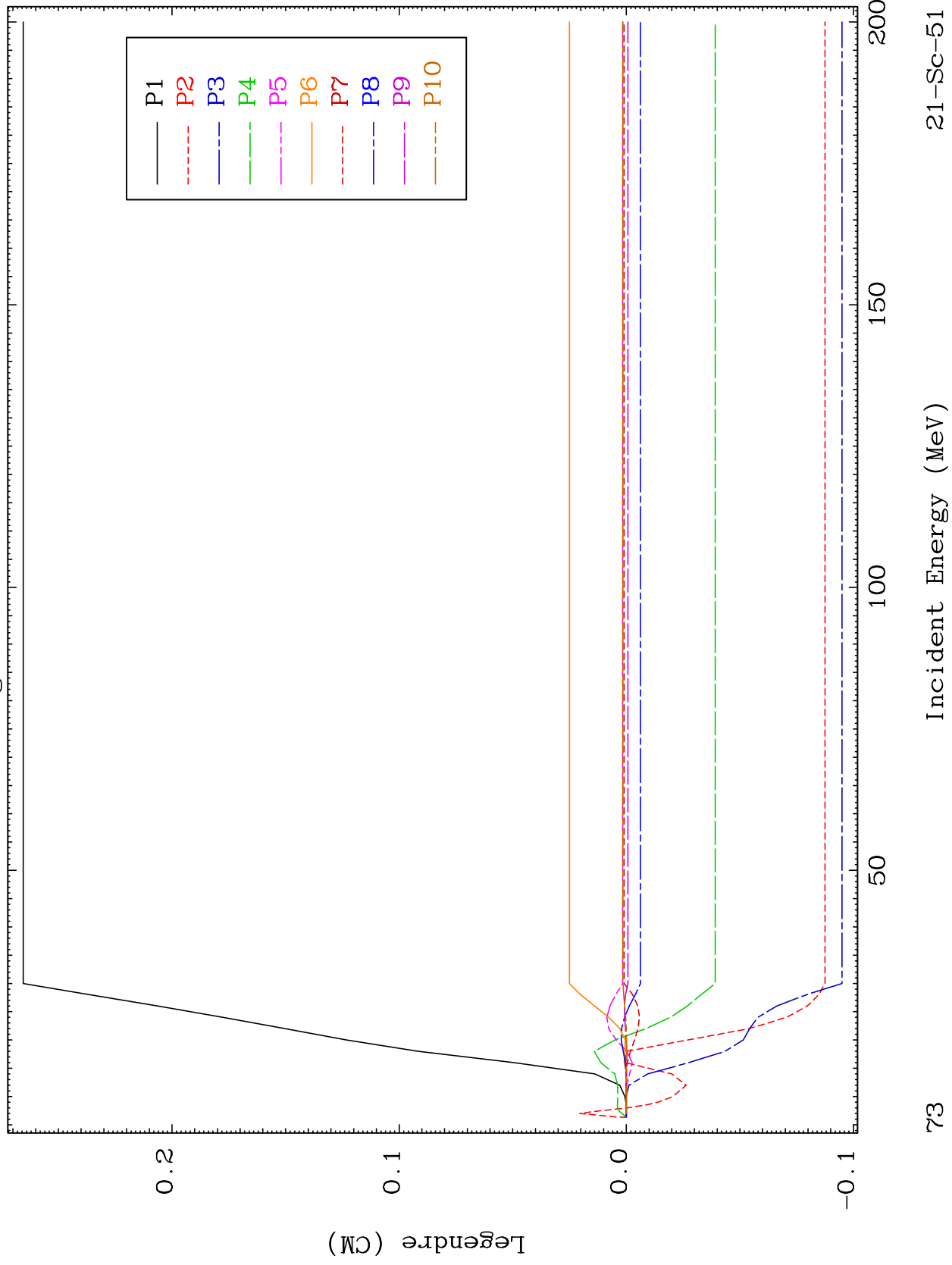
21-Sc-51



MAT 2143

MT= 69 (n,n') Level
Legendre Coefficients

21-Sc-51



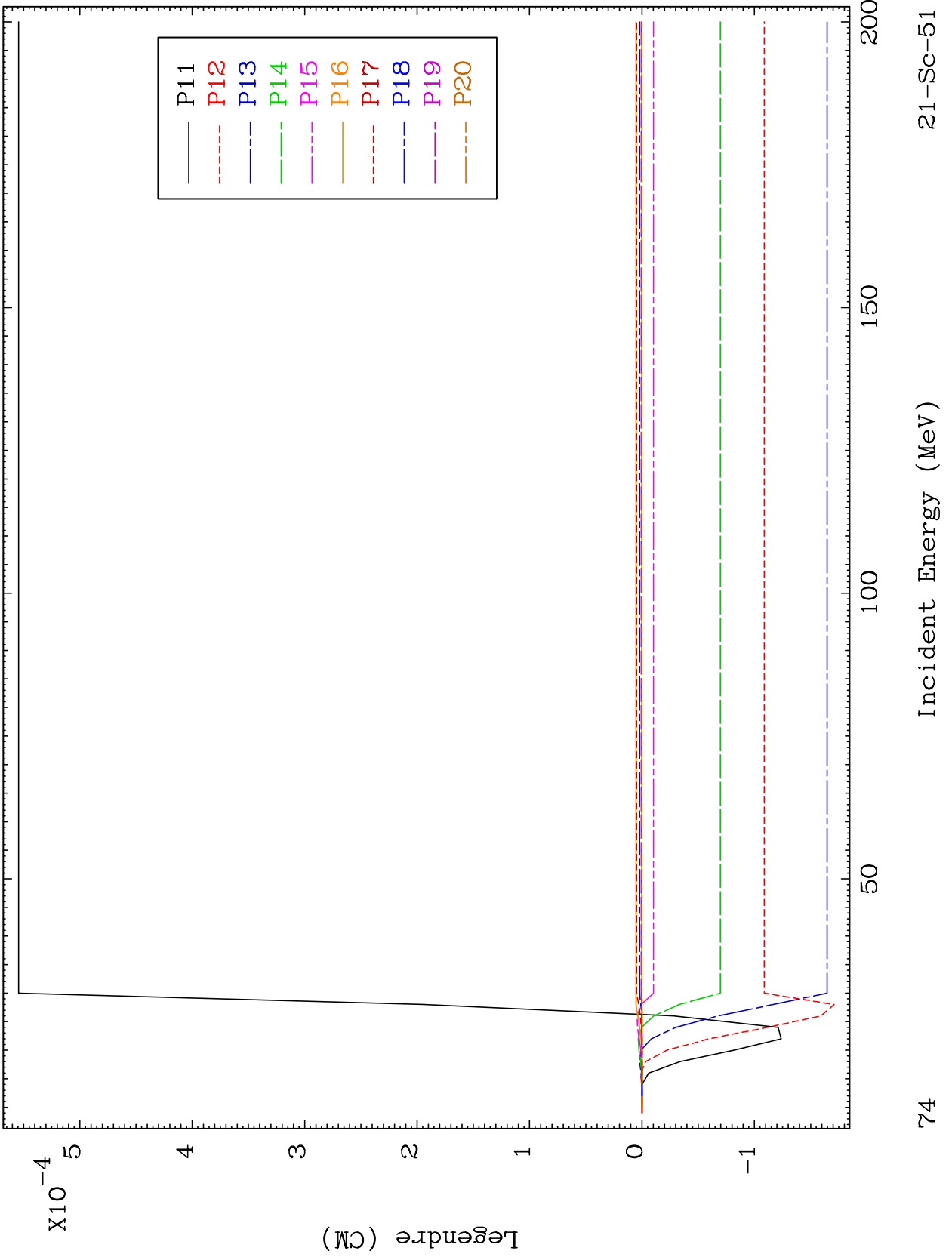
73

21-Sc-51

MAT 2143

MT= 69 (n,n') Level
Legendre Coefficients

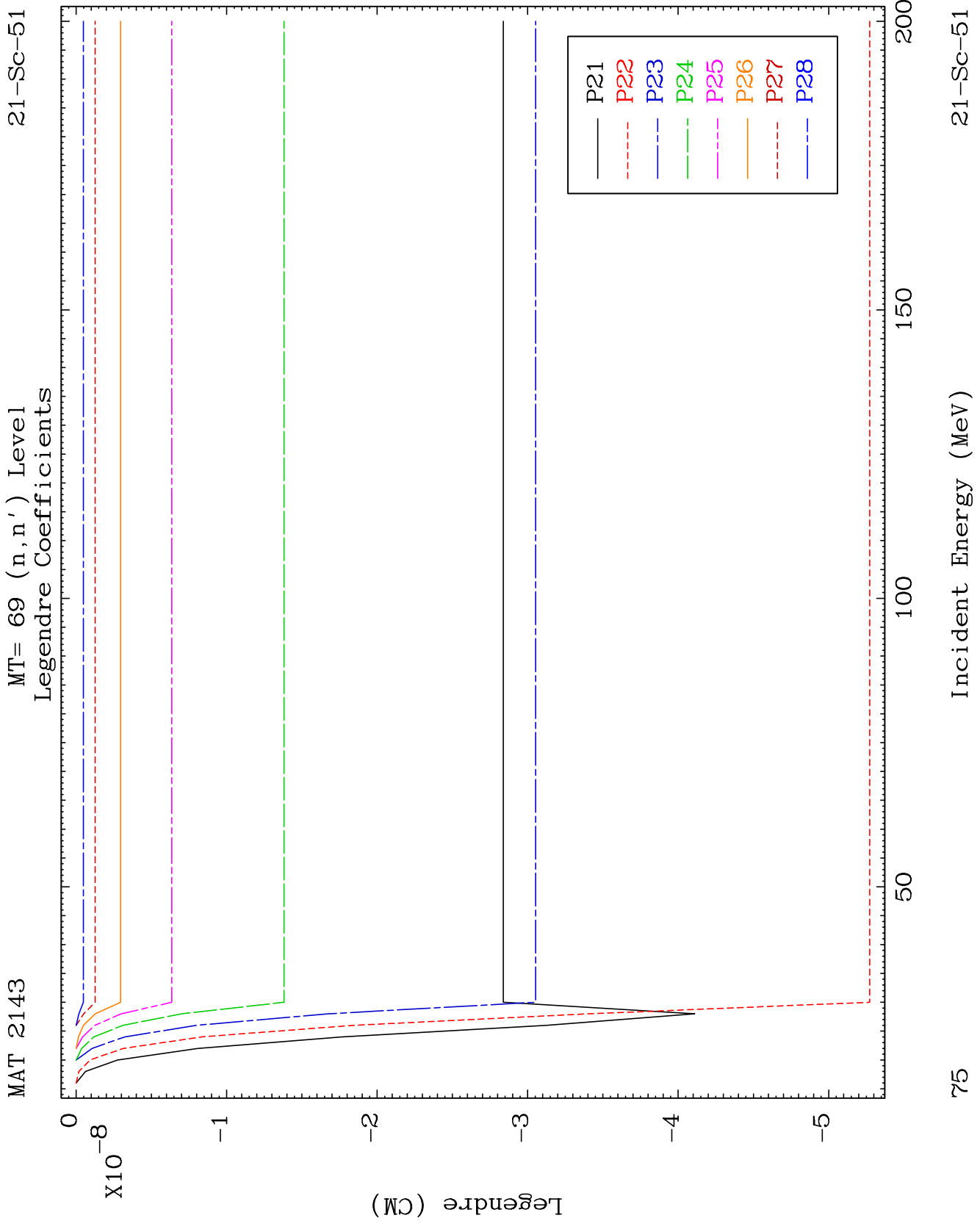
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74

Incident Energy (MeV)

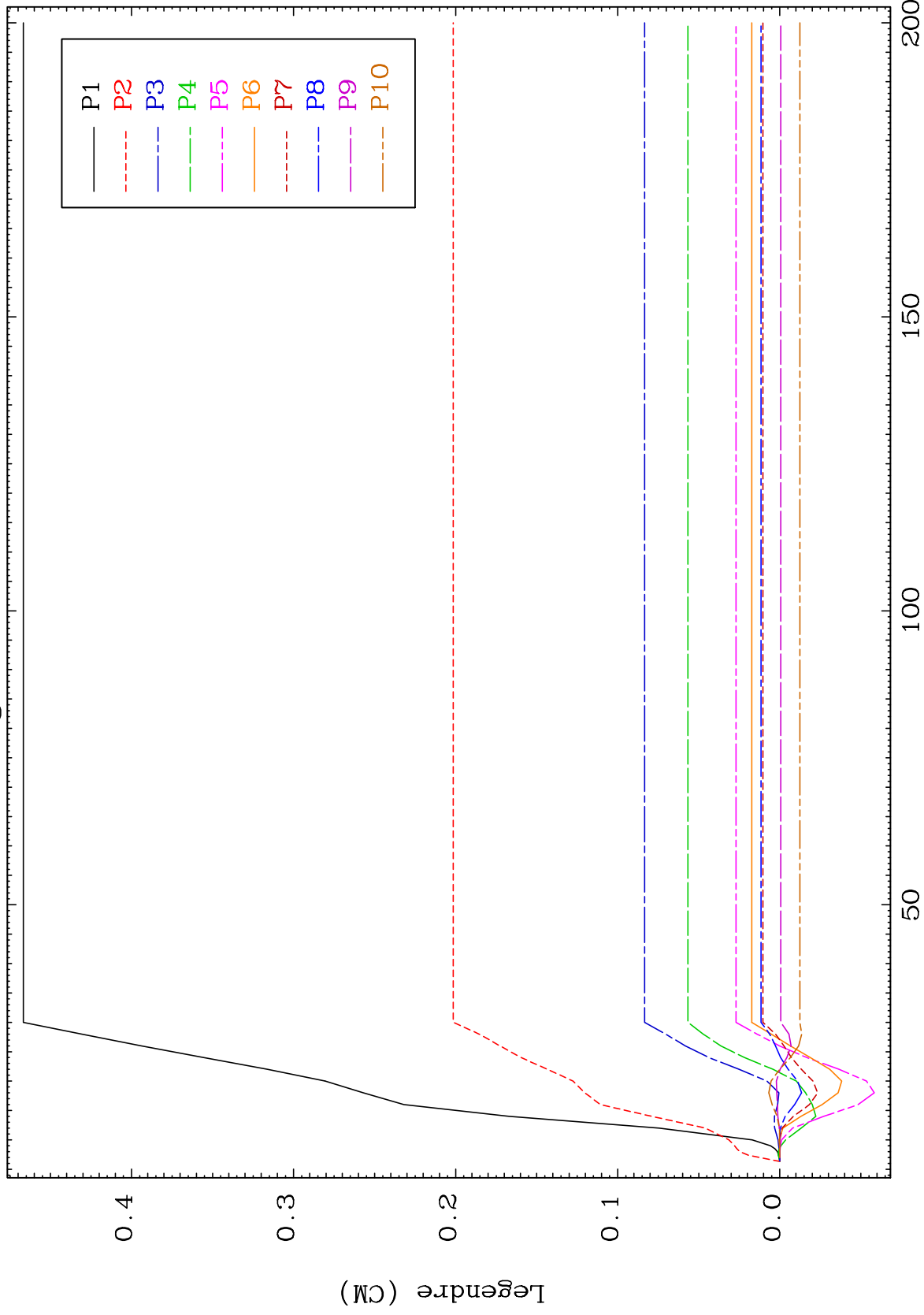
21-Sc-51



MAT 2143

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

21-Sc-51



76

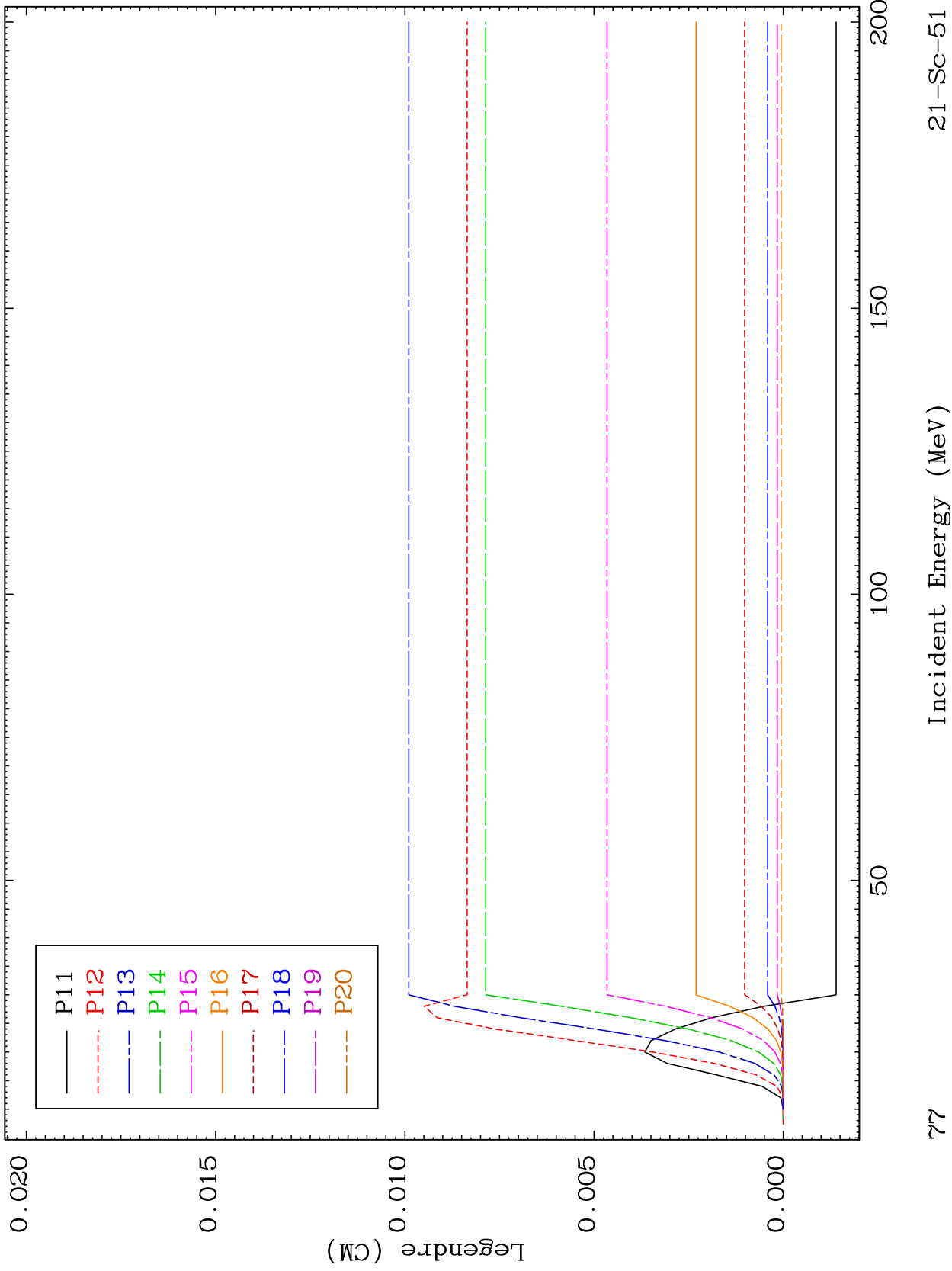
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



77

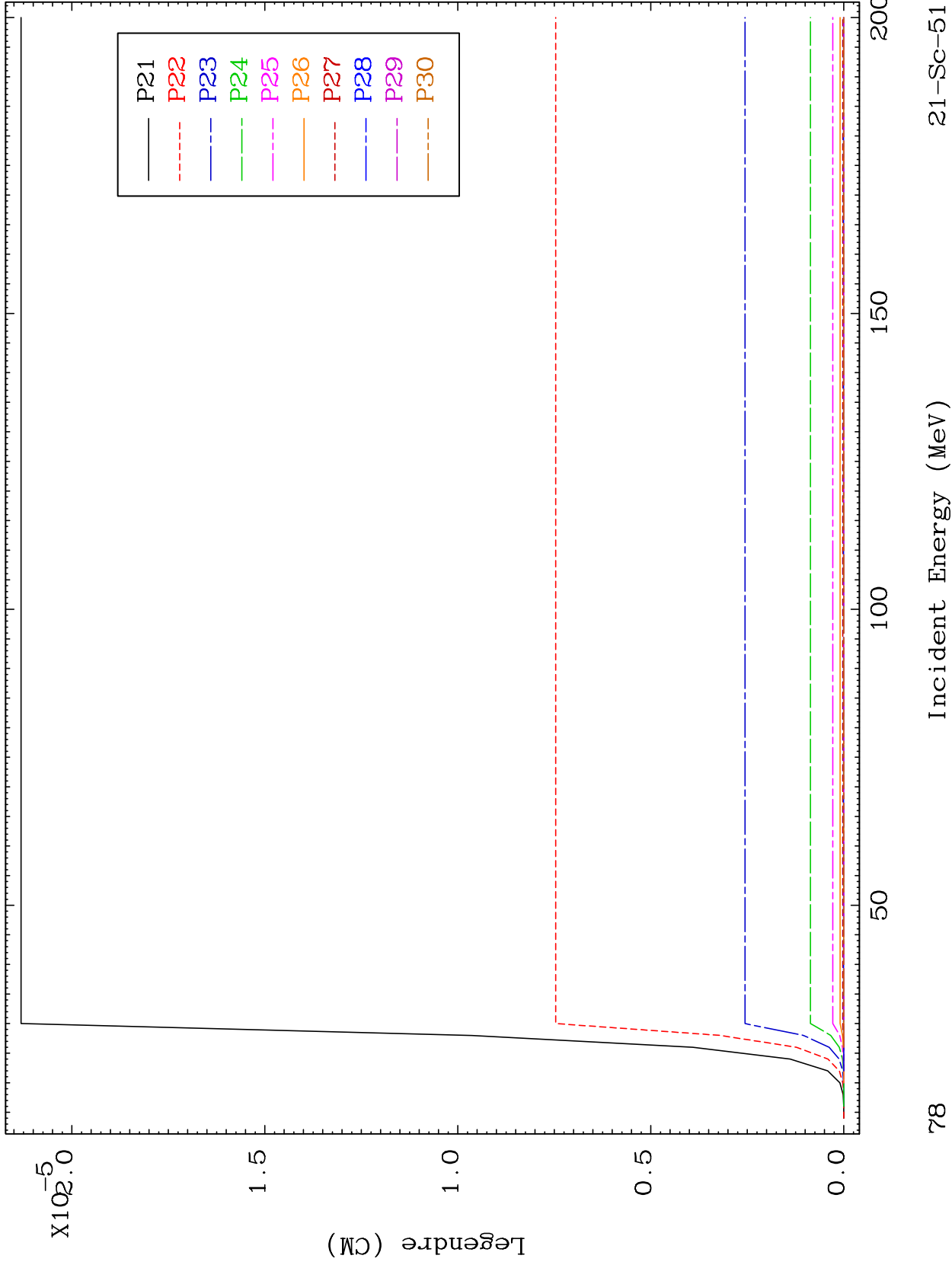
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

21-Sc-51



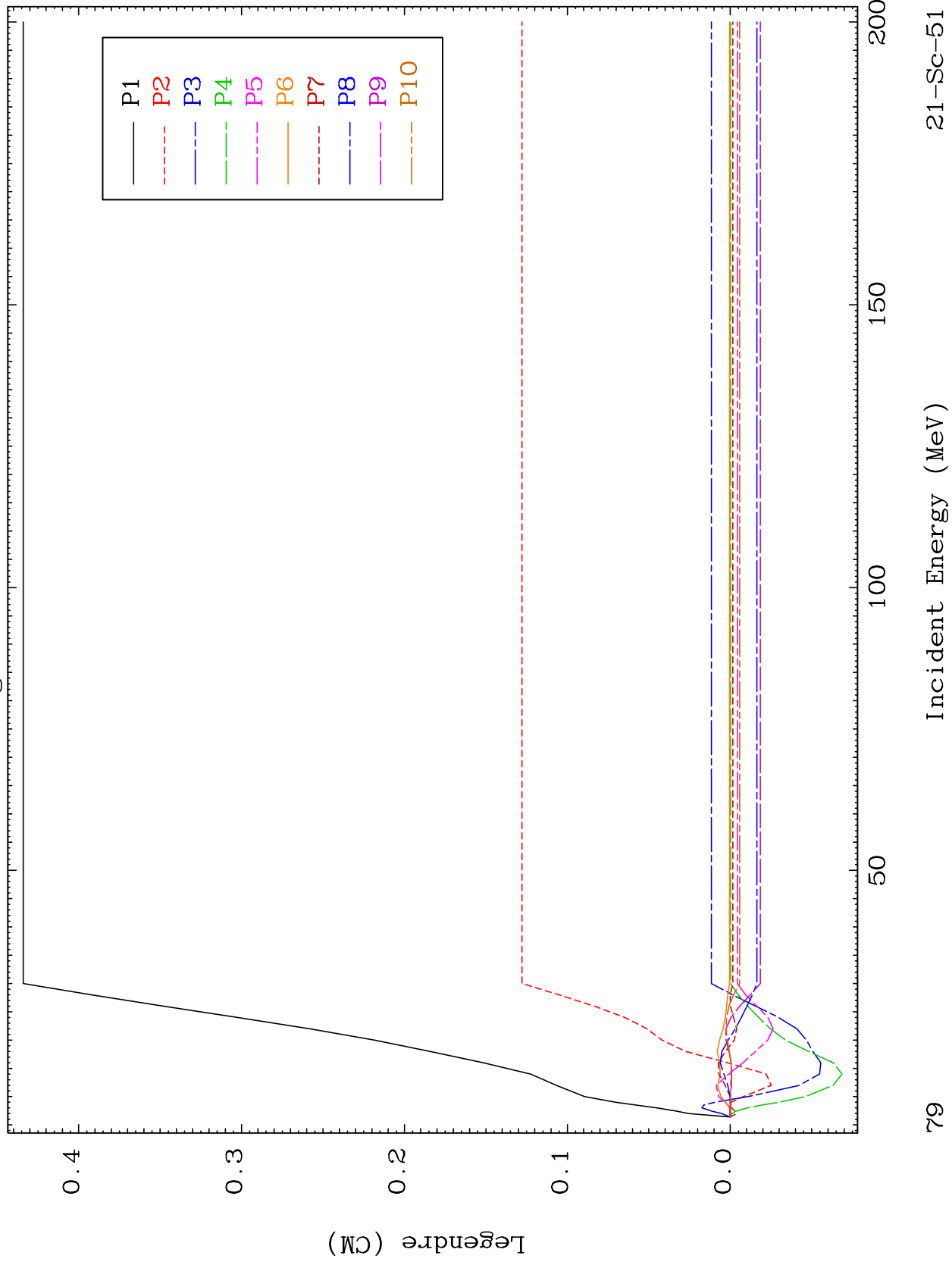
78

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MAT 2143

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

21-Sc-51



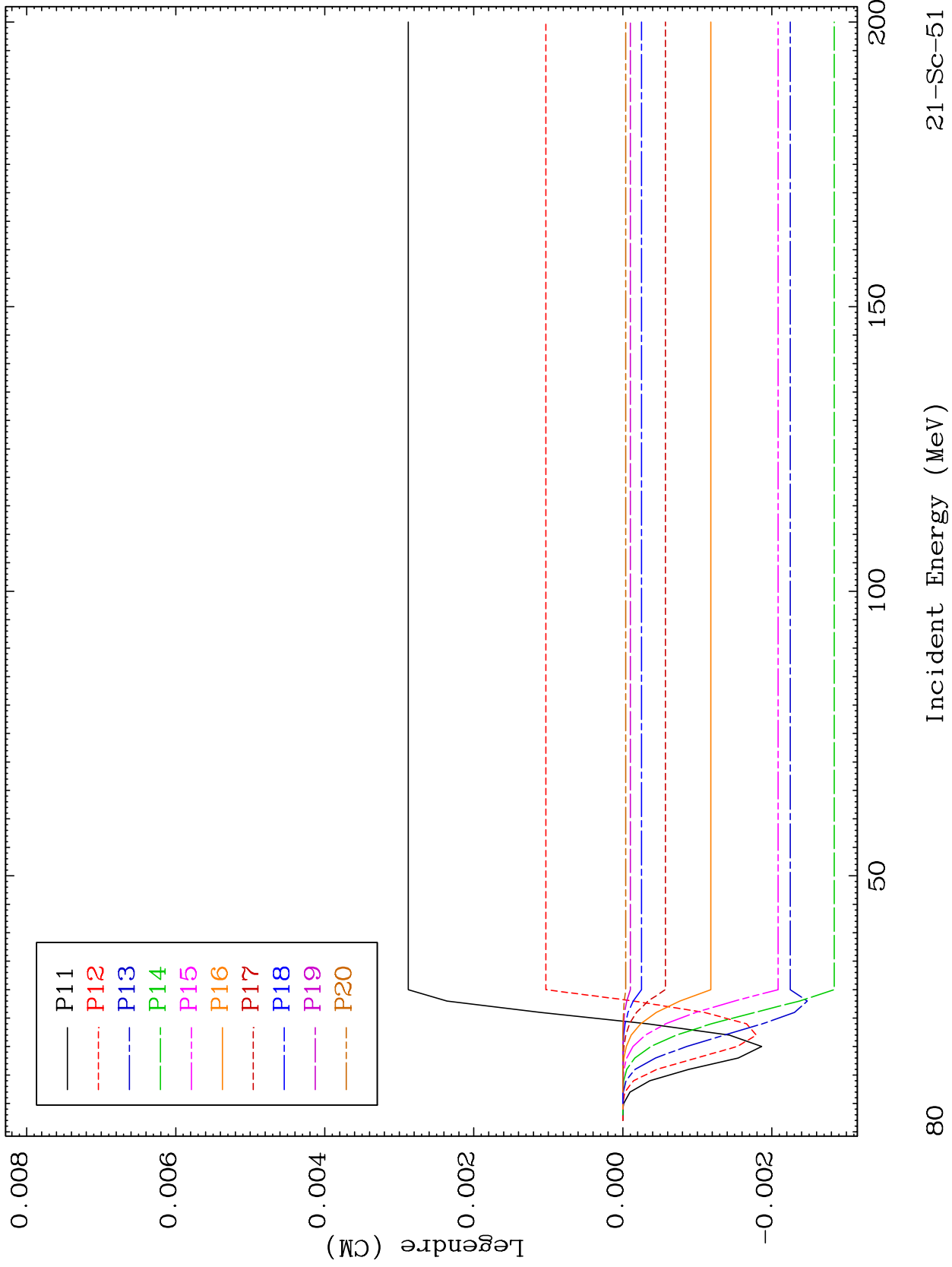
79

21-Sc-51

MAT 2143

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

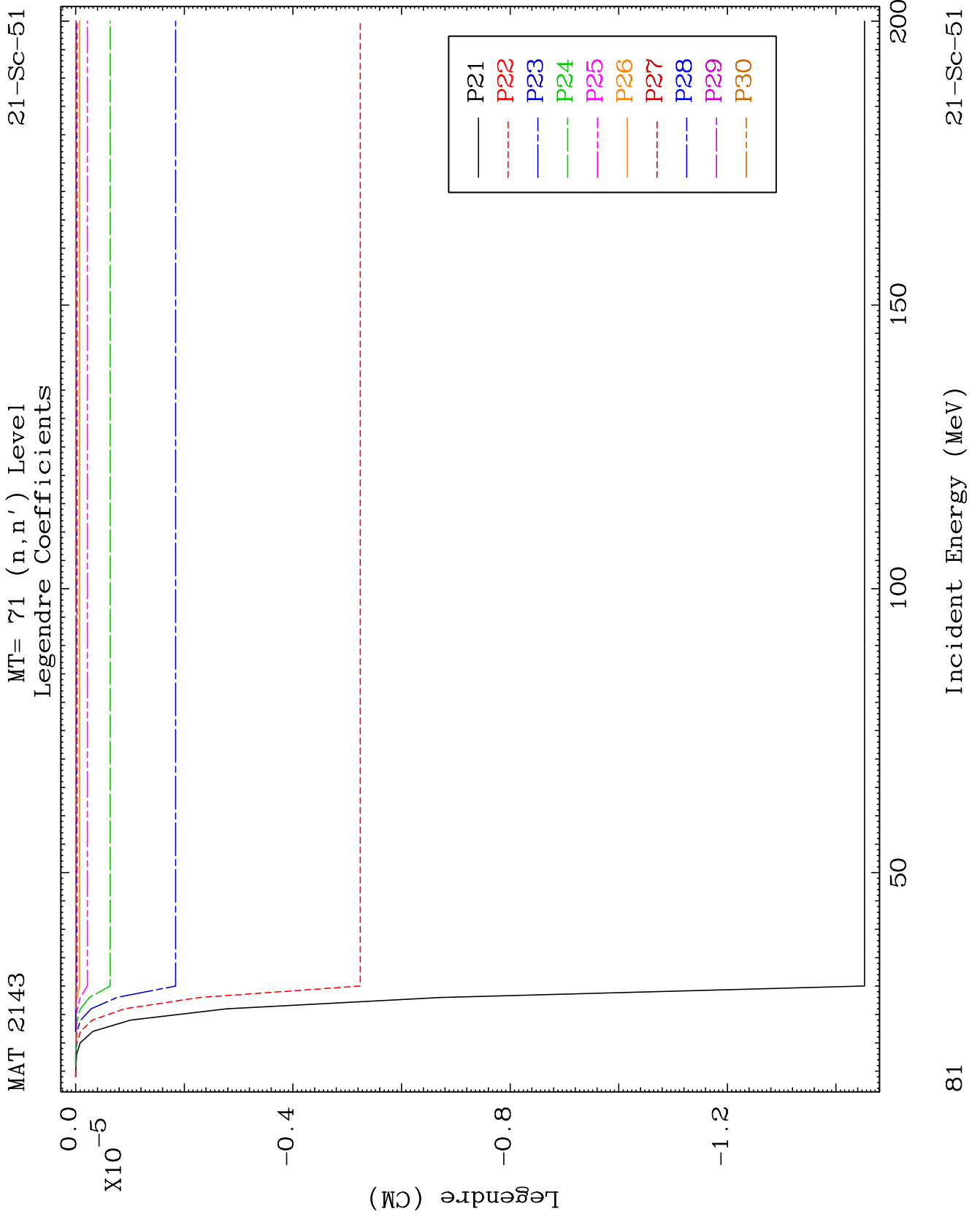
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80

Incident Energy (MeV)

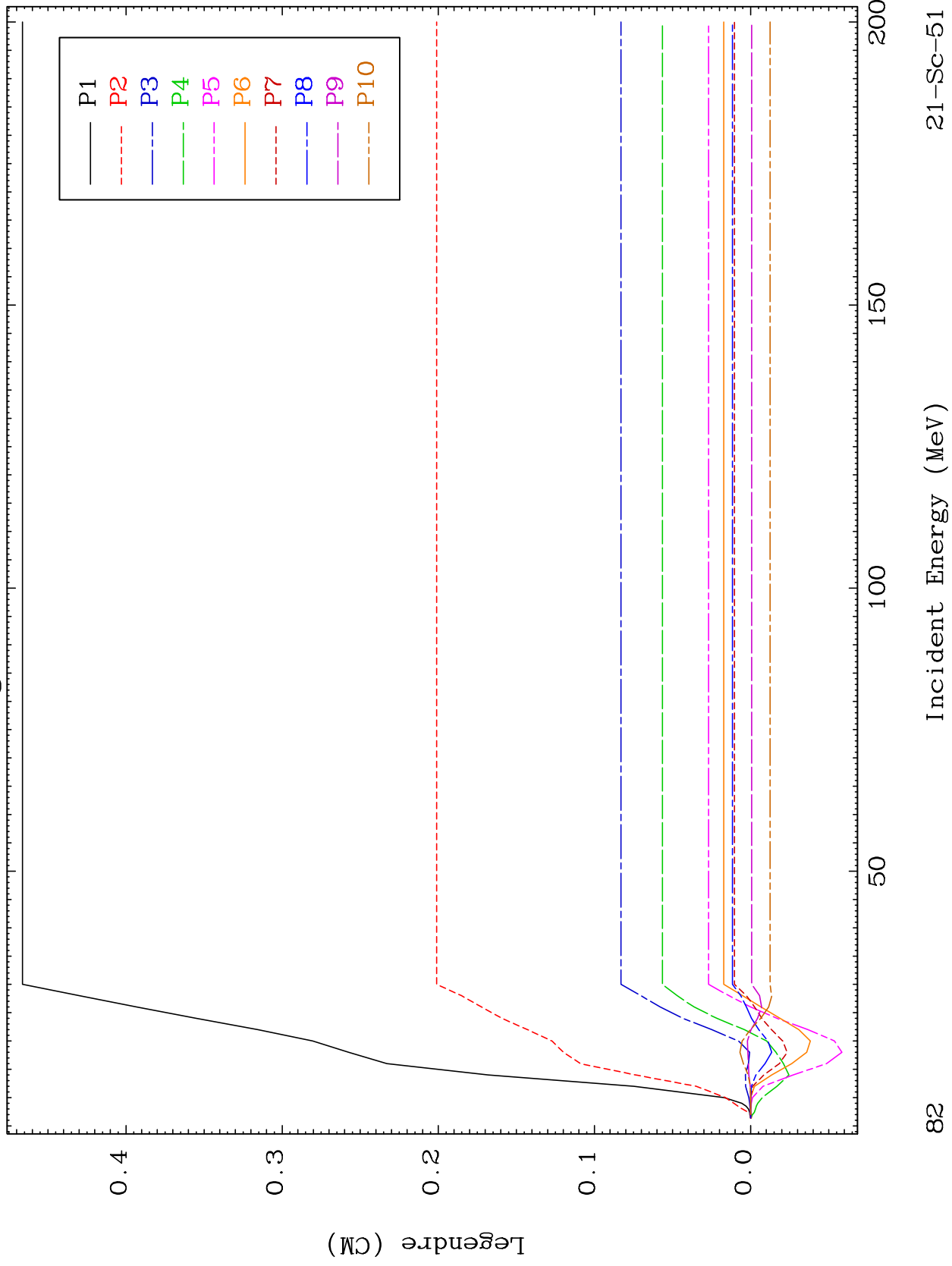
21-Sc-51



MAT 2143

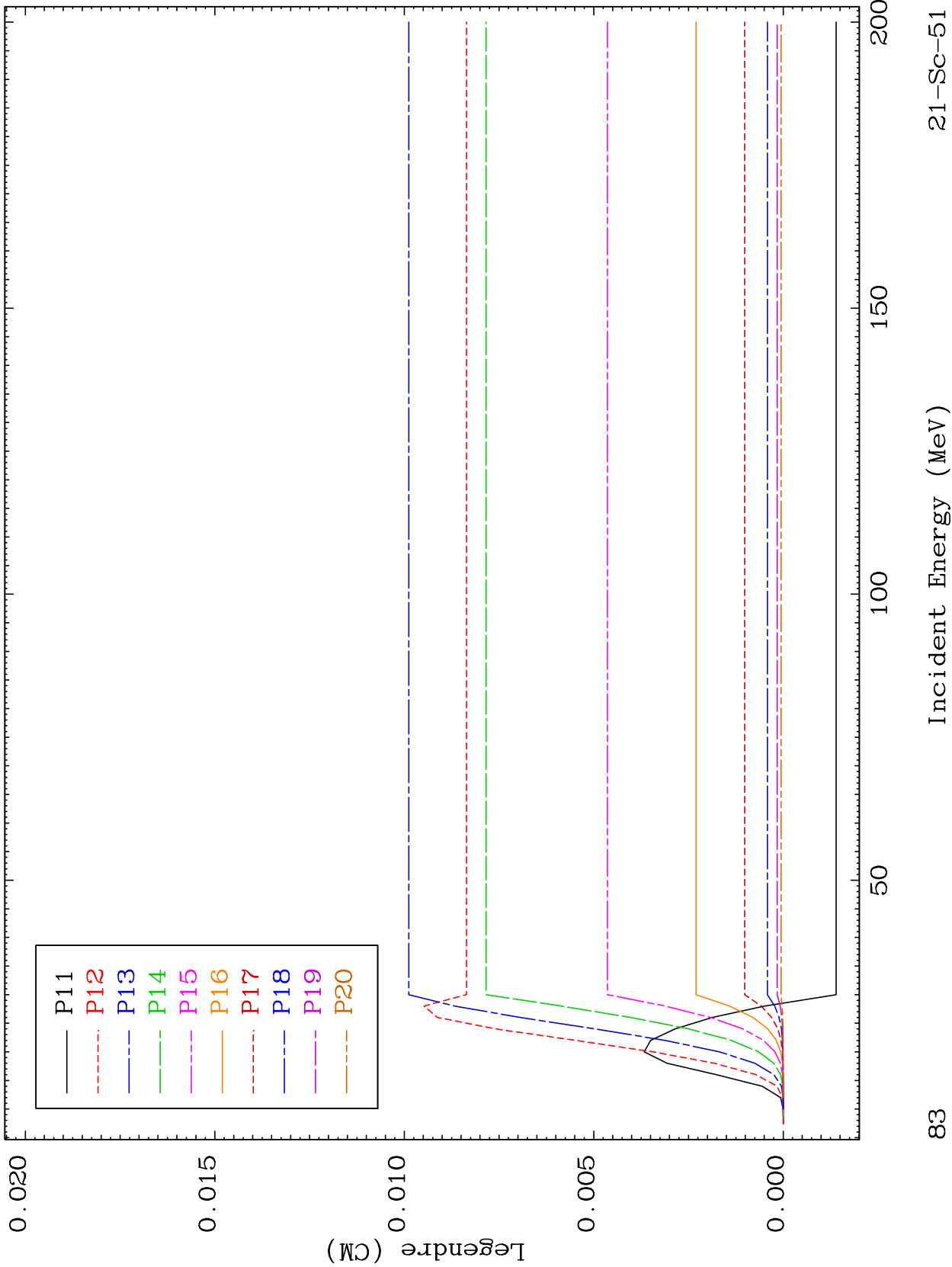
MT= 72 (n,n') Level
Legendre Coefficients

21-Sc-51



82

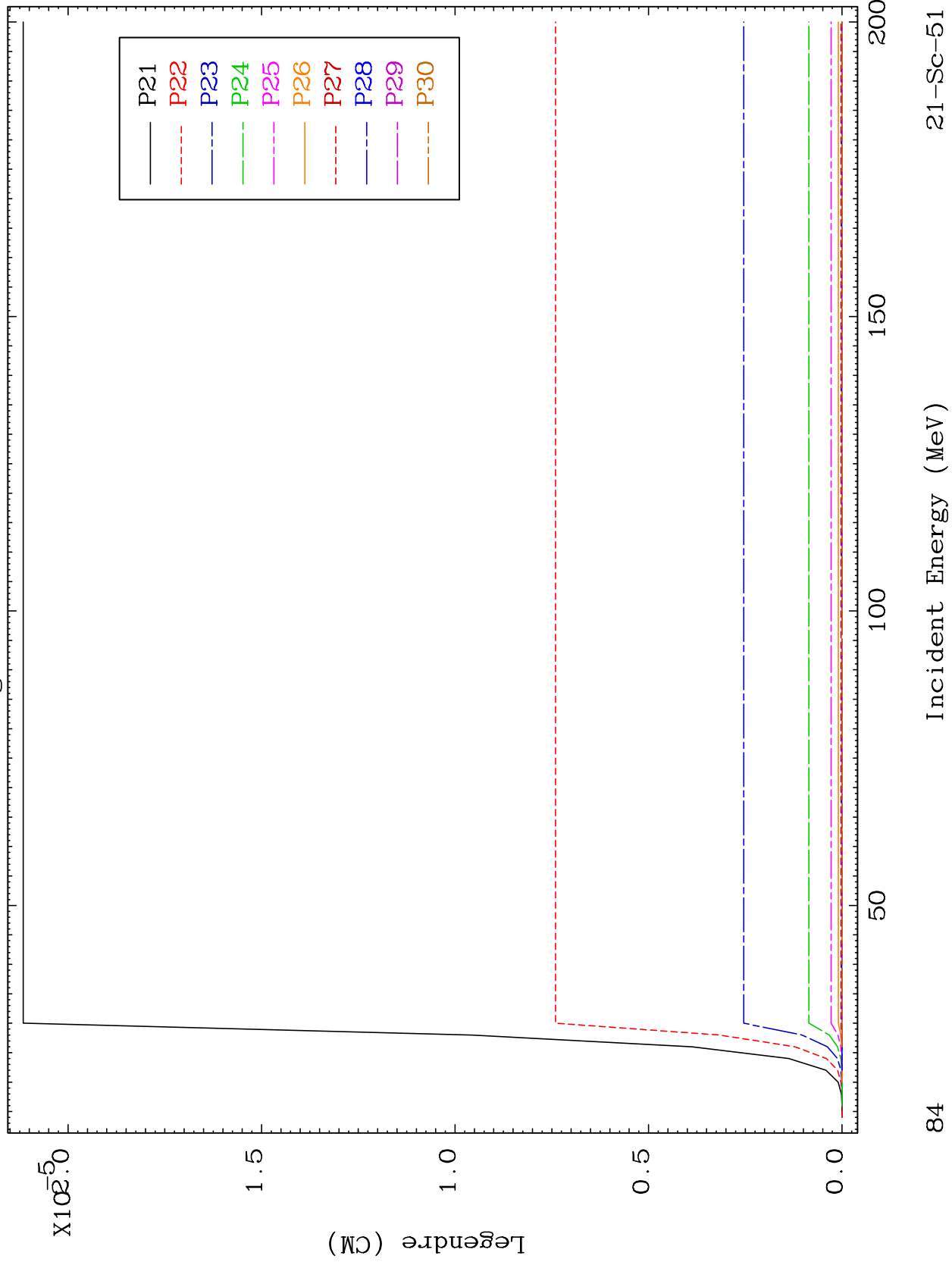
21-Sc-51



MAT 2143

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

21-Sc-51



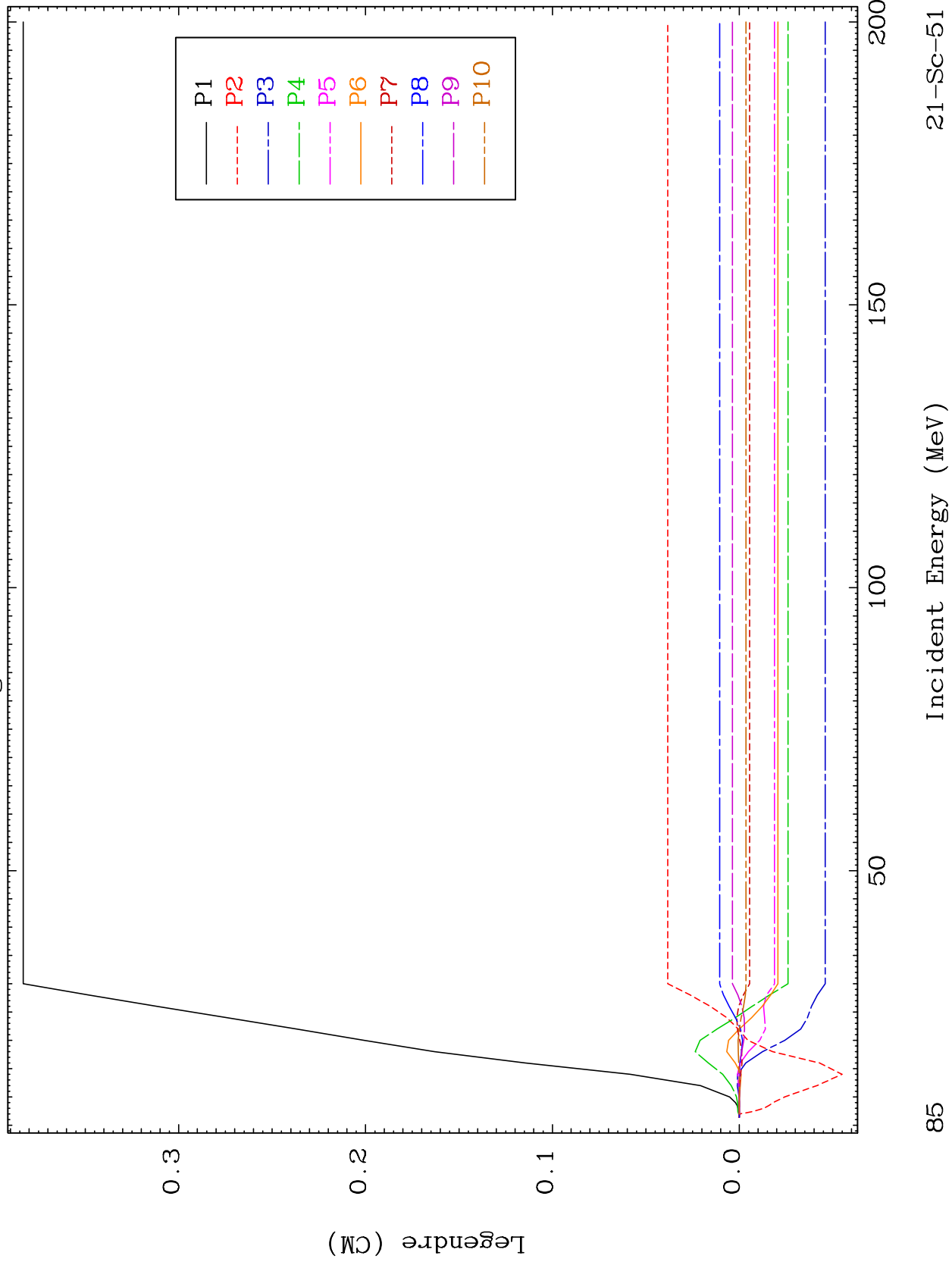
84

21-Sc-51

MAT 2143

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

21-Sc-51



21-Sc-51

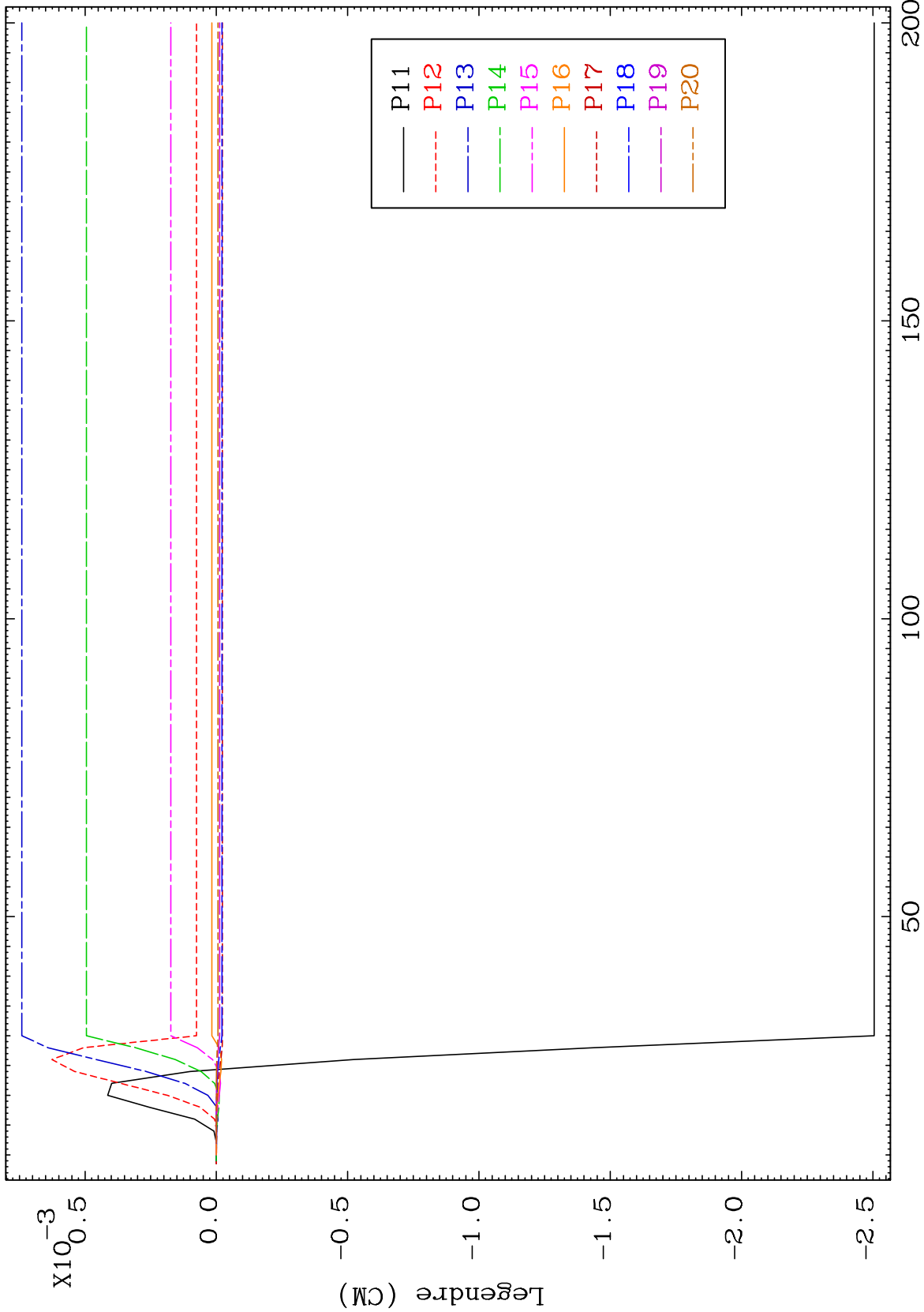
Incident Energy (MeV)

85

MAT 2143

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

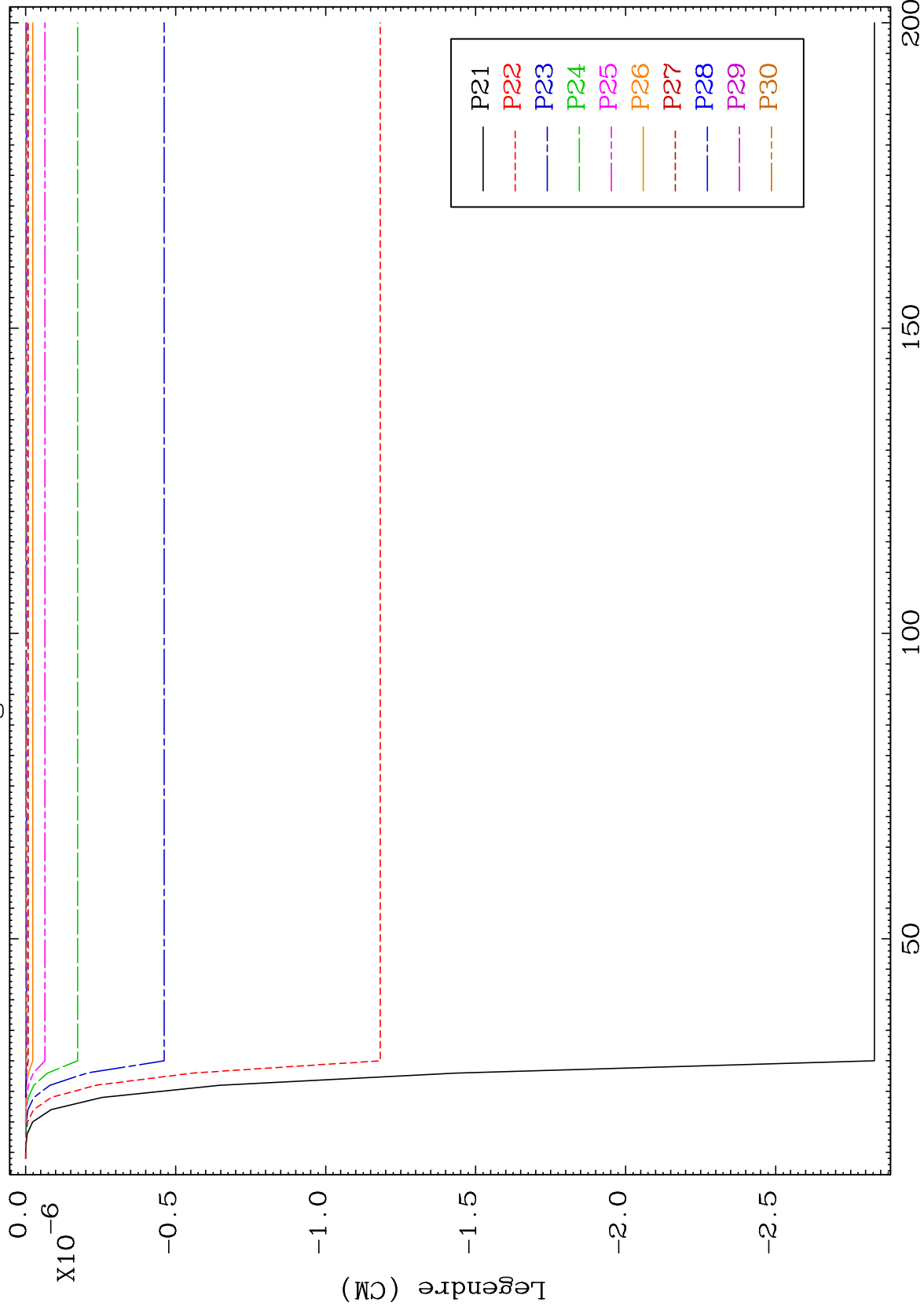
21-Sc-51



MAT 2143

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

21-Sc-51



87

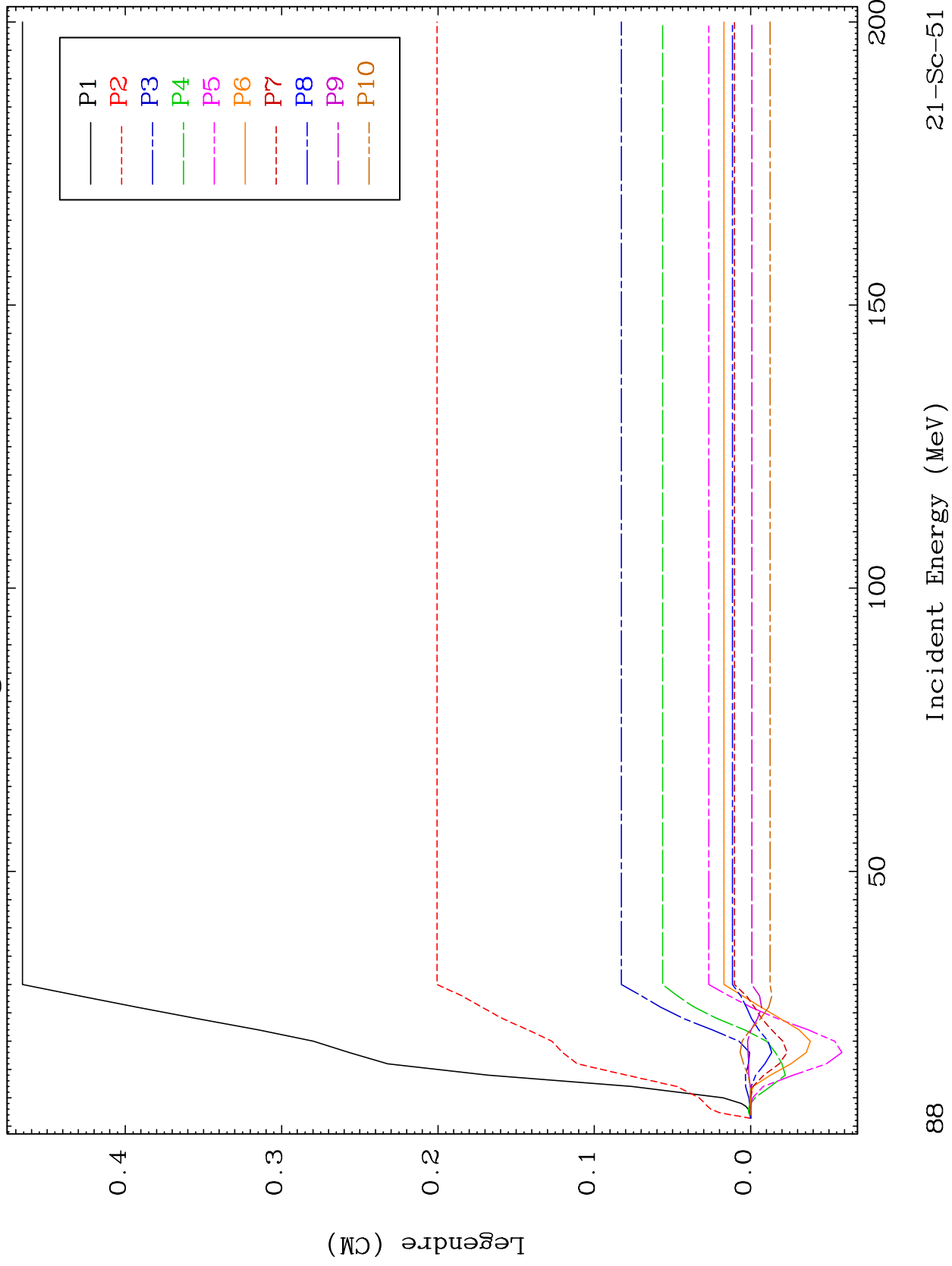
Incident Energy (MeV)

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MAT 2143

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

21-Sc-51



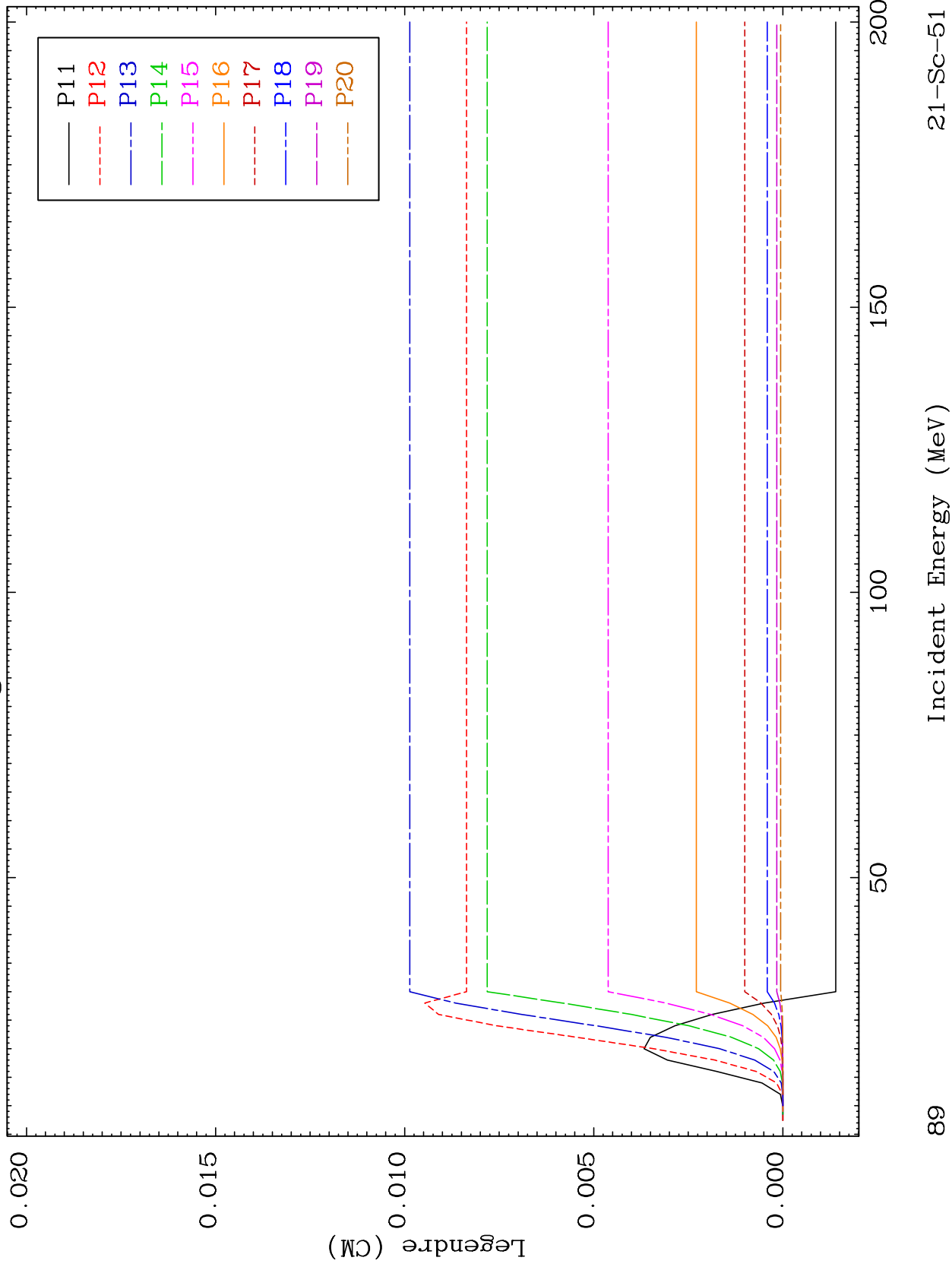
88

21-Sc-51

MAT 2143

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

21-Sc-51



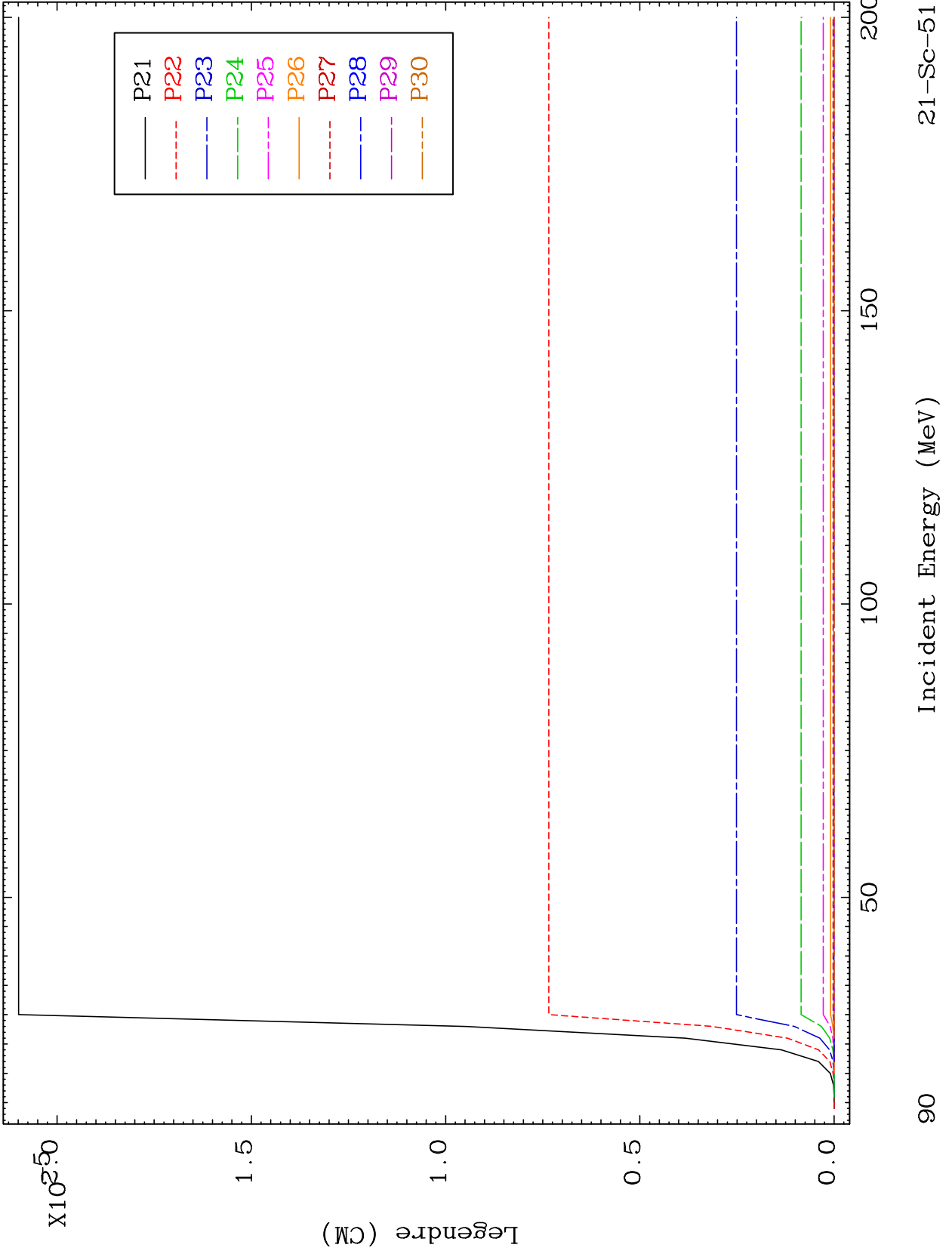
89

21-Sc-51

MAT 2143

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

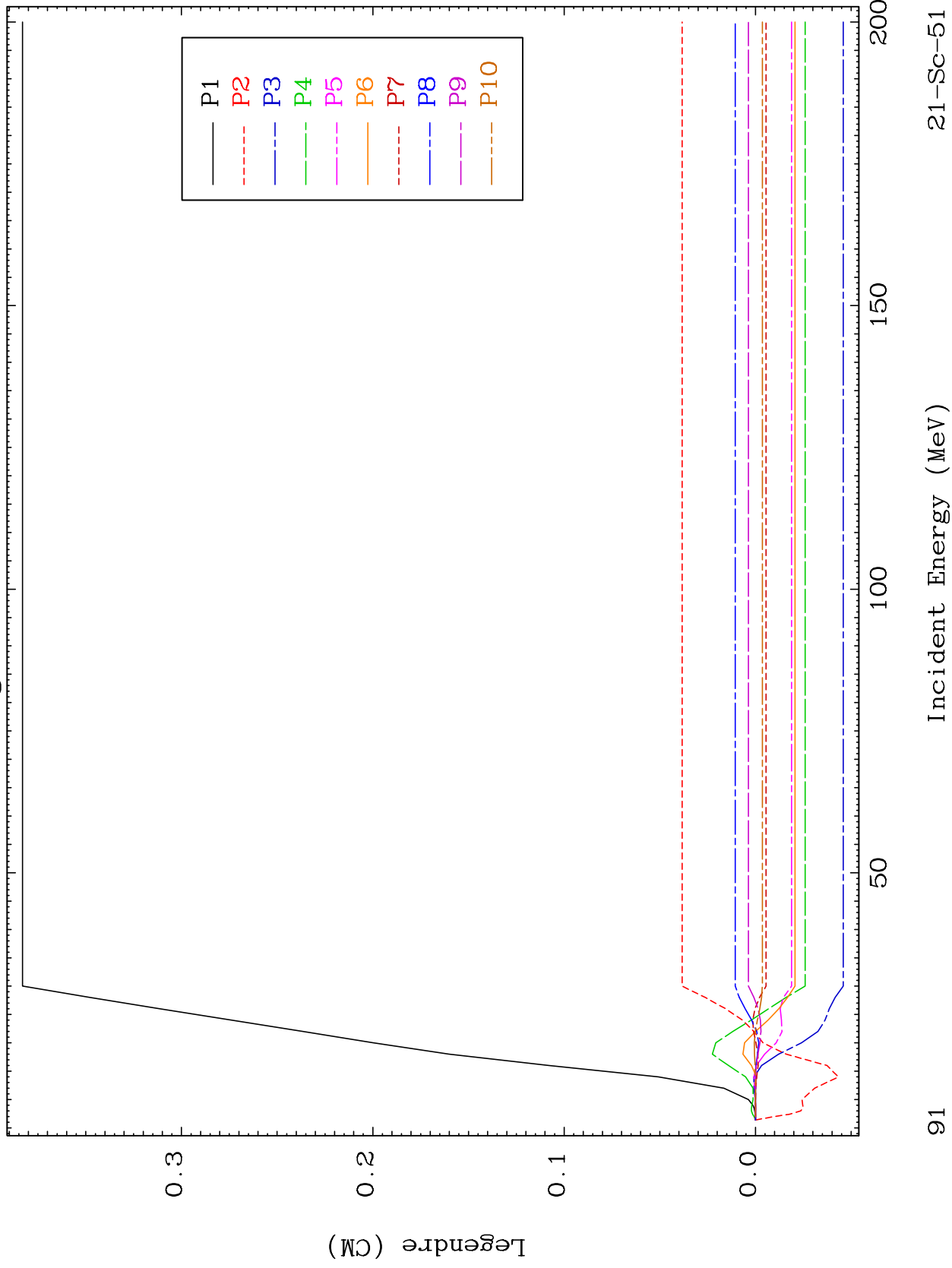
21-Sc-51



MAT 2143

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

21-Sc-51



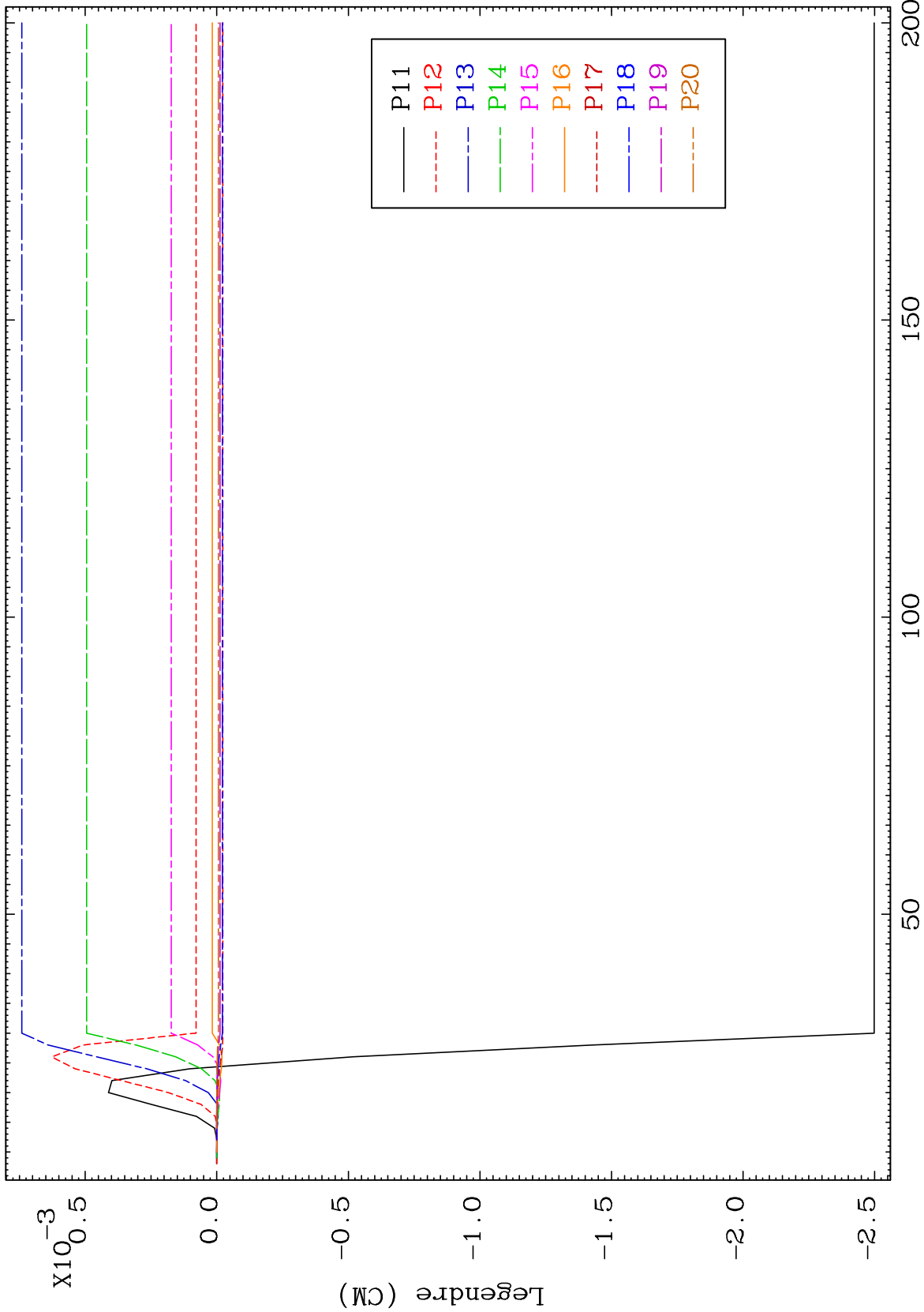
91

21-Sc-51

MAT 2143

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

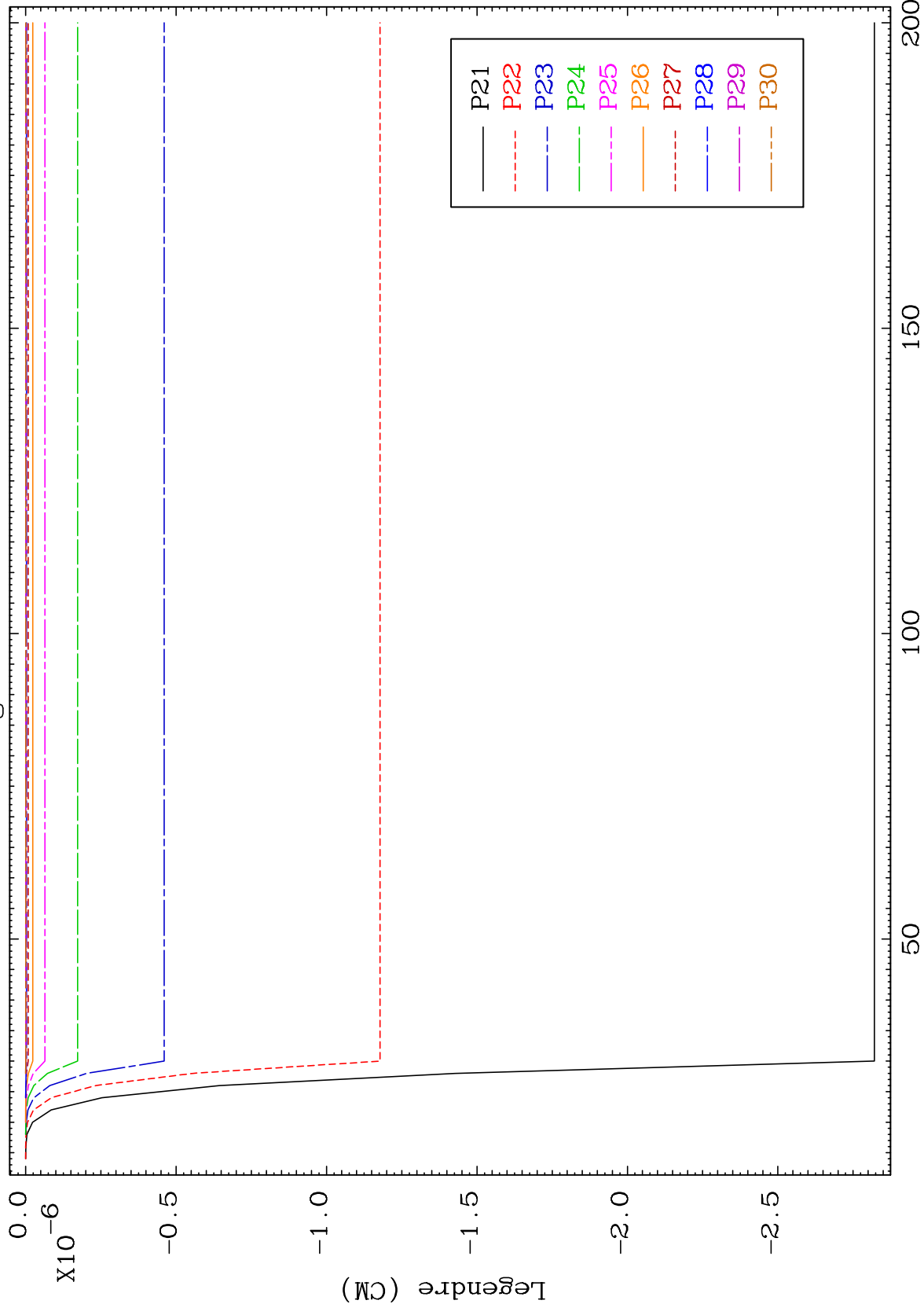
21-Sc-51



MAT 2143

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

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93

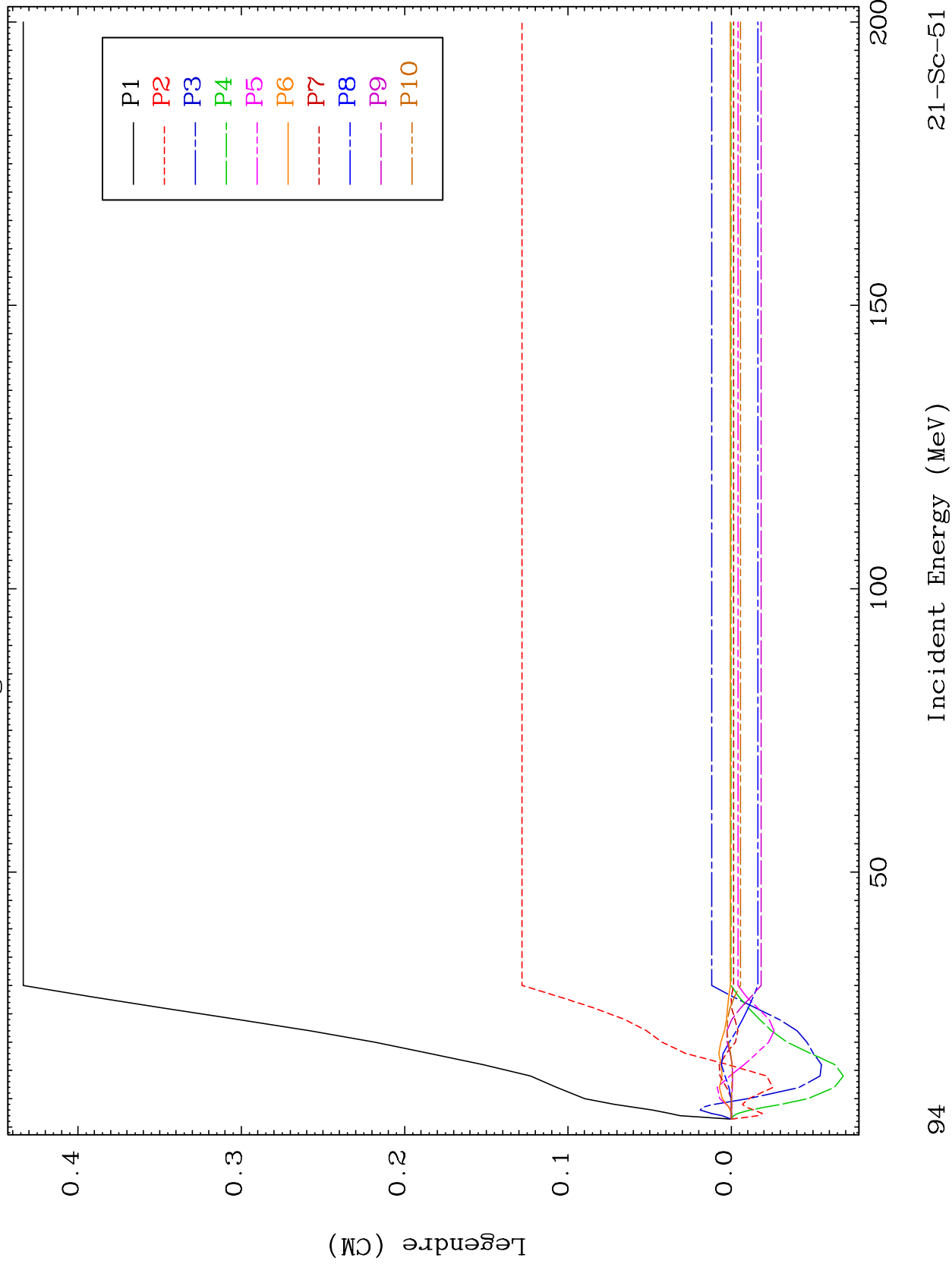
Incident Energy (MeV)

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MAT 2143

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

21-Sc-51



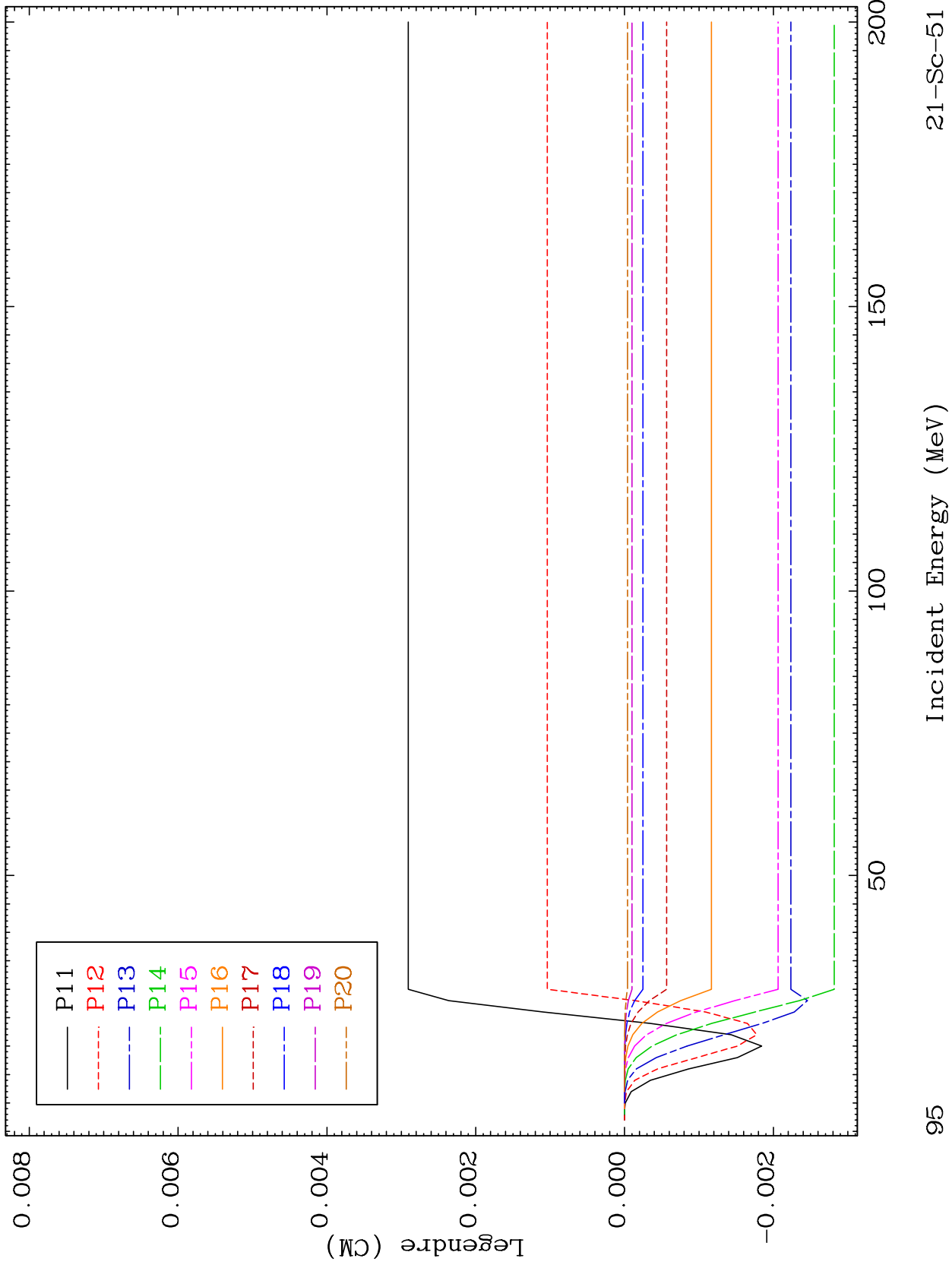
94

21-Sc-51

MAT 2143

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

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95

Incident Energy (MeV)

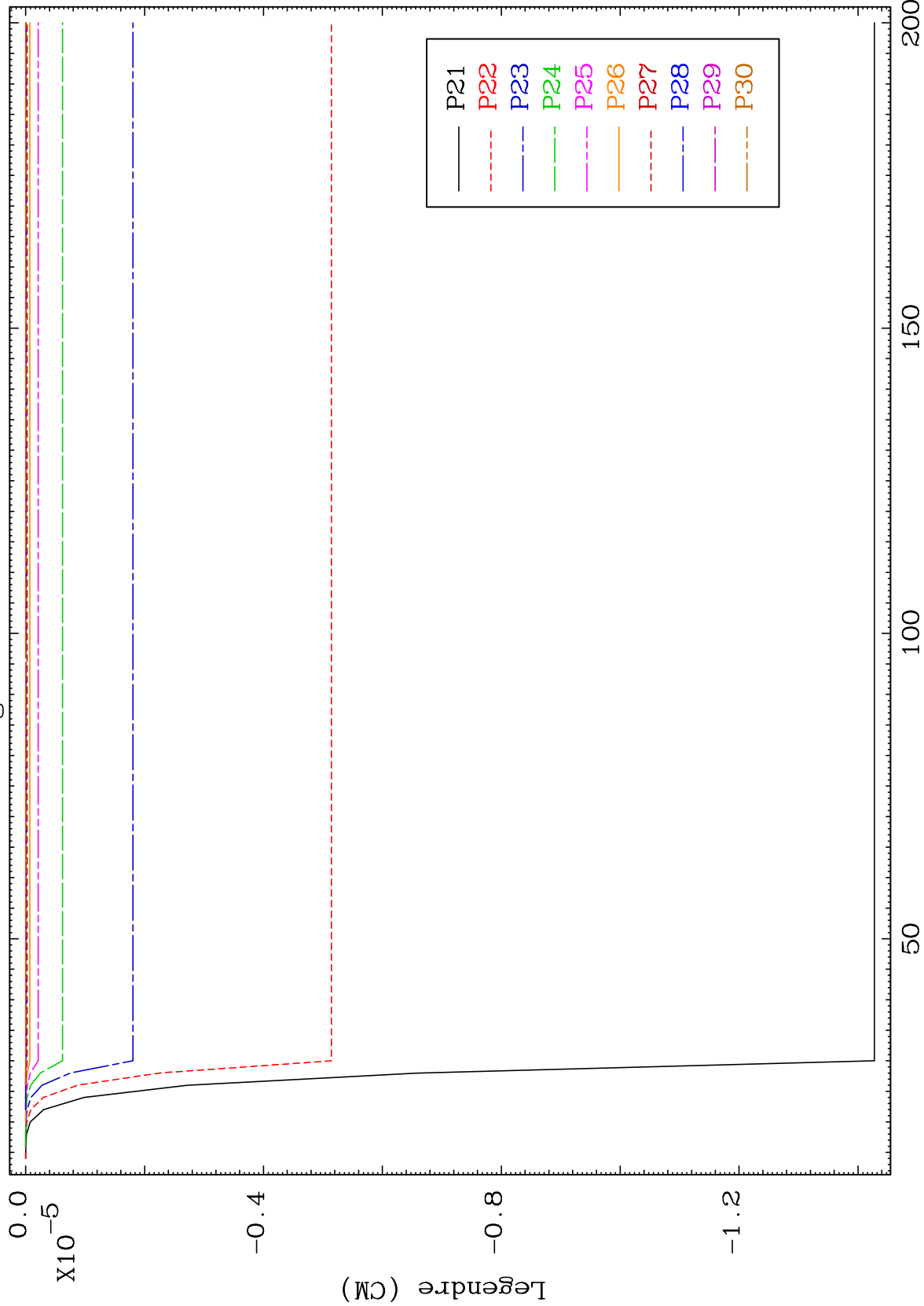
21-Sc-51

MAT 2143

MT= 76 (n,n') Level

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Legendre Coefficients



96

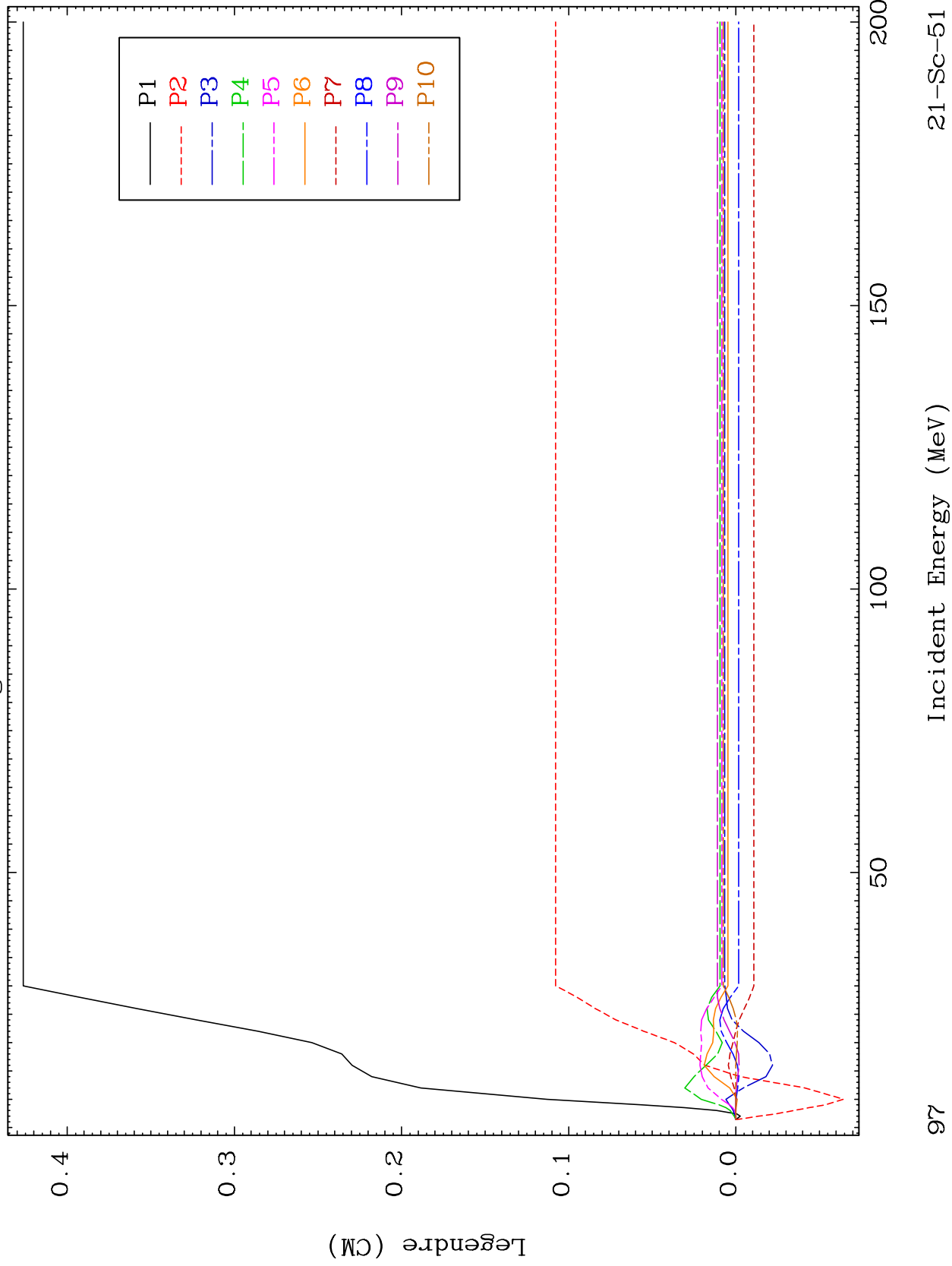
Incident Energy (MeV)

21-Sc-51

MAT 2143

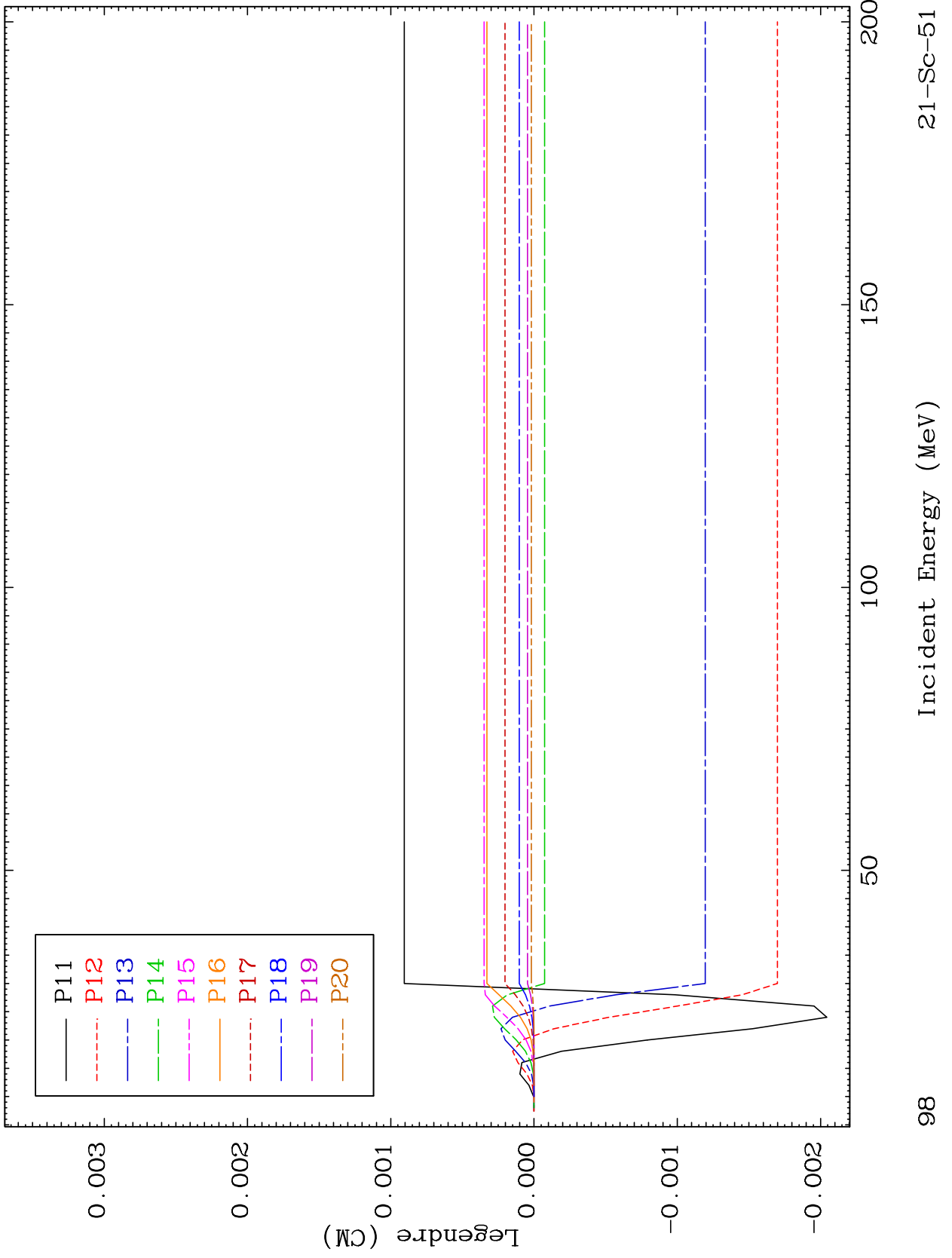
MT= 77 (n,n') Level
Legendre Coefficients

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97

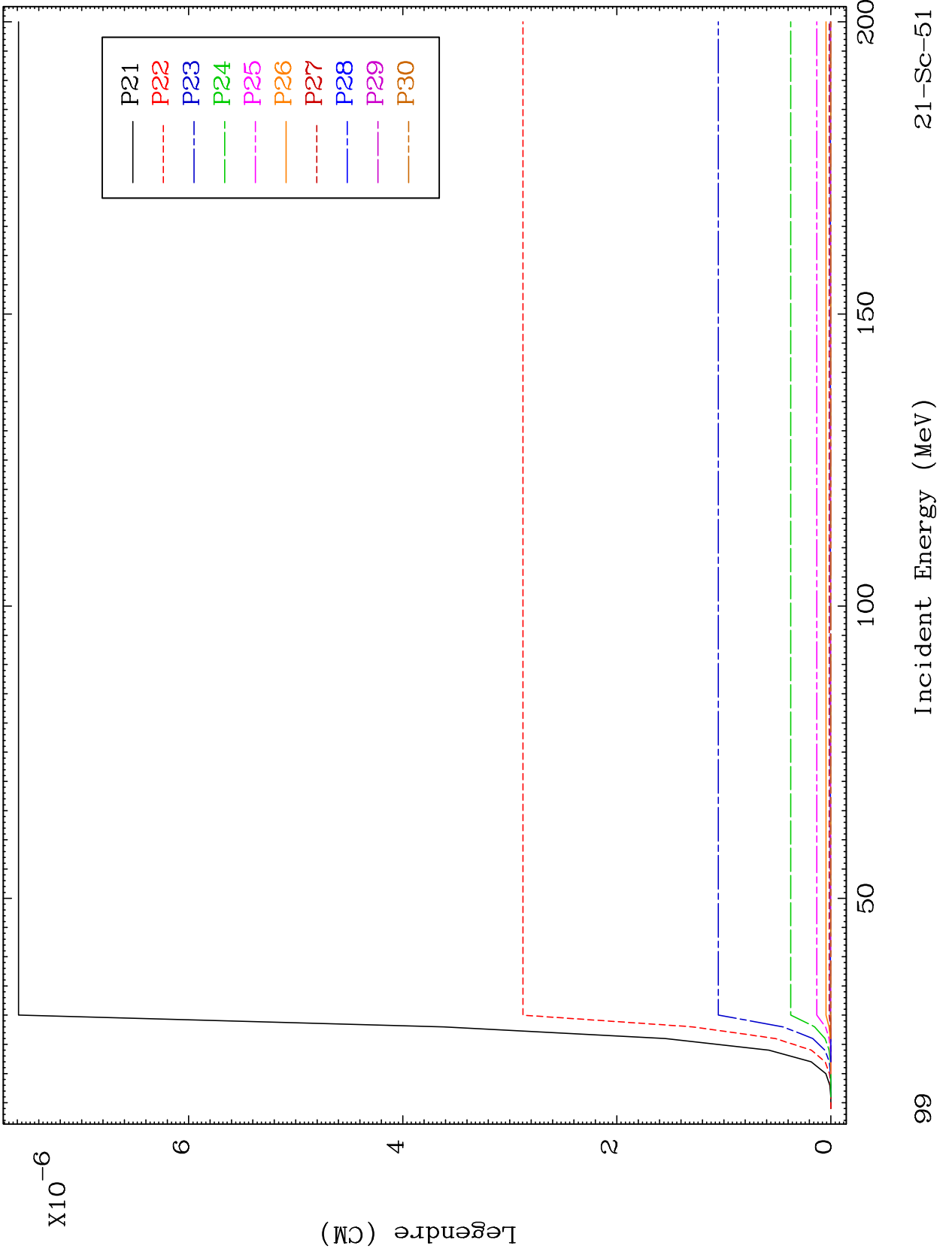
21-Sc-51



MAT 2143

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

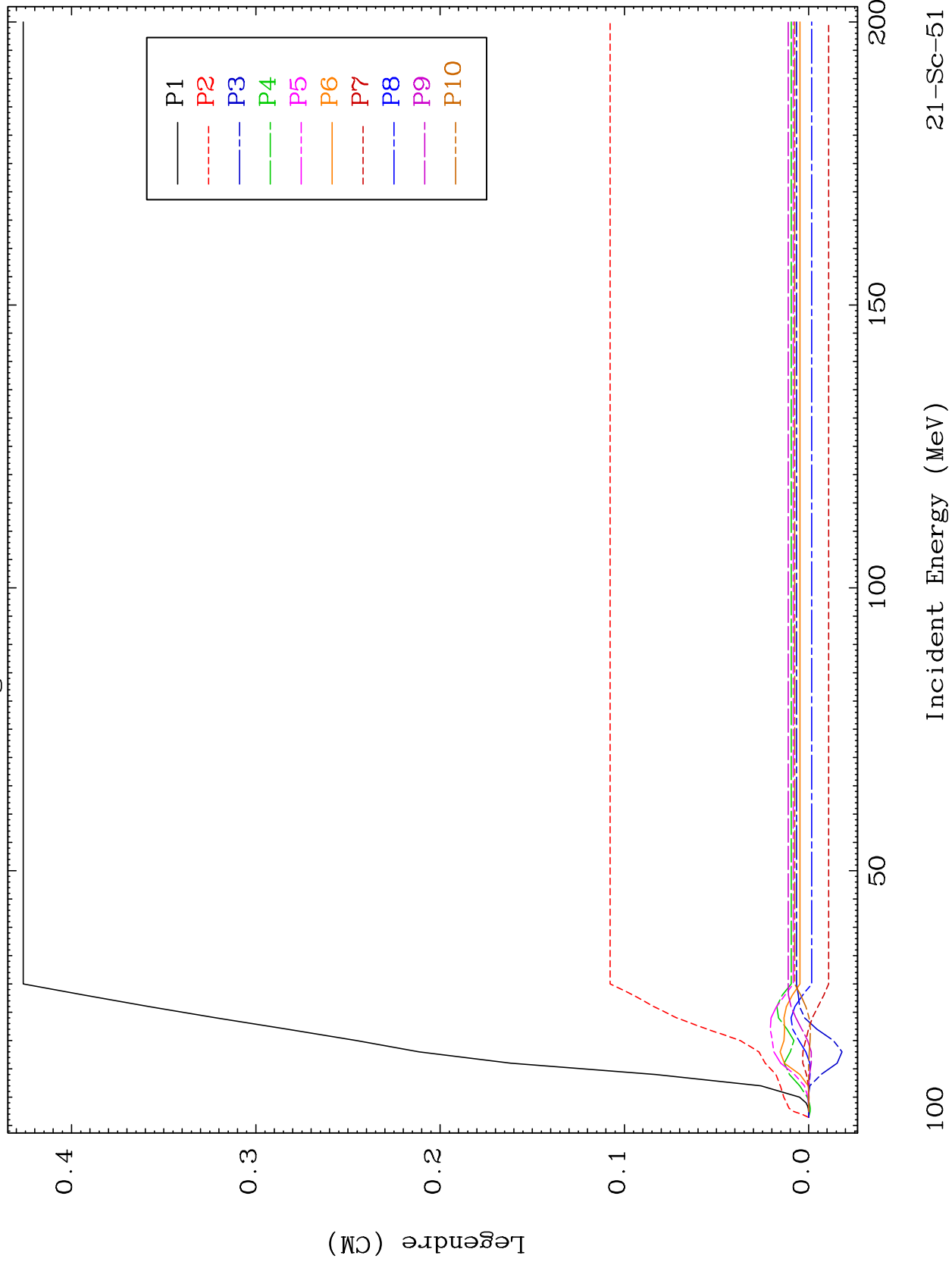
21-Sc-51



MAT 2143

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

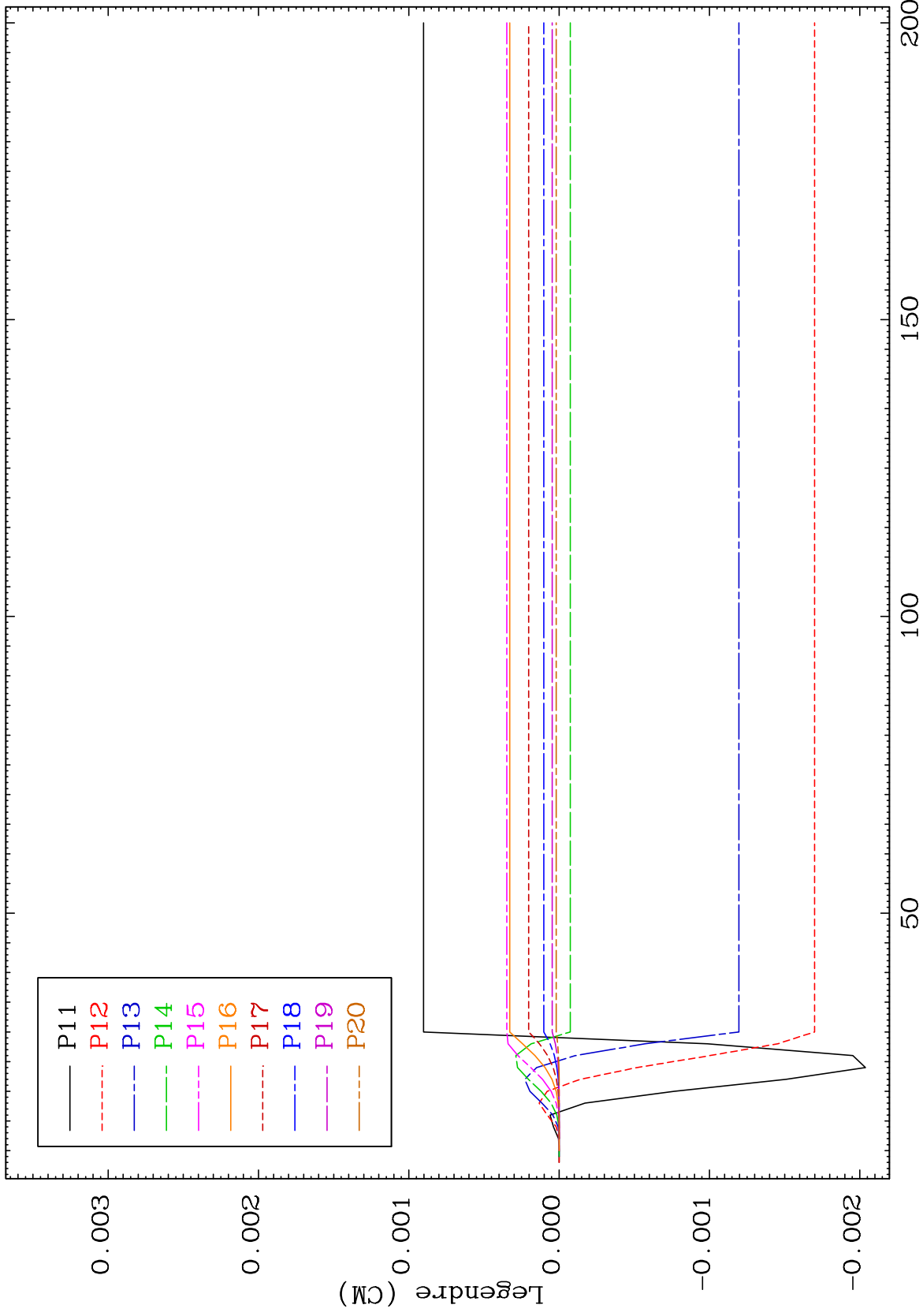
21-Sc-51



MAT 2143

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

21-Sc-51



101

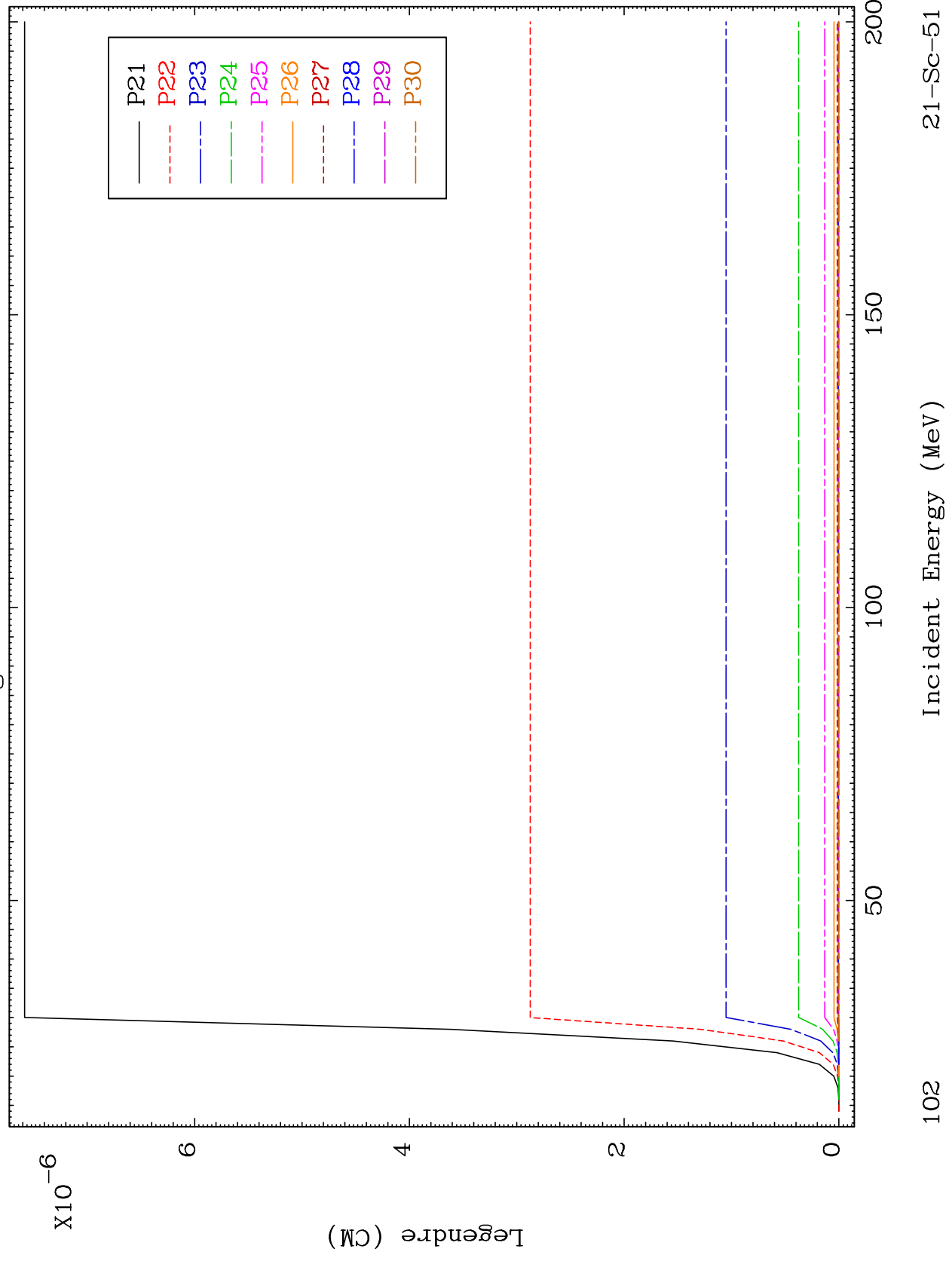
Incident Energy (MeV)

21-Sc-51

MAT 2143

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

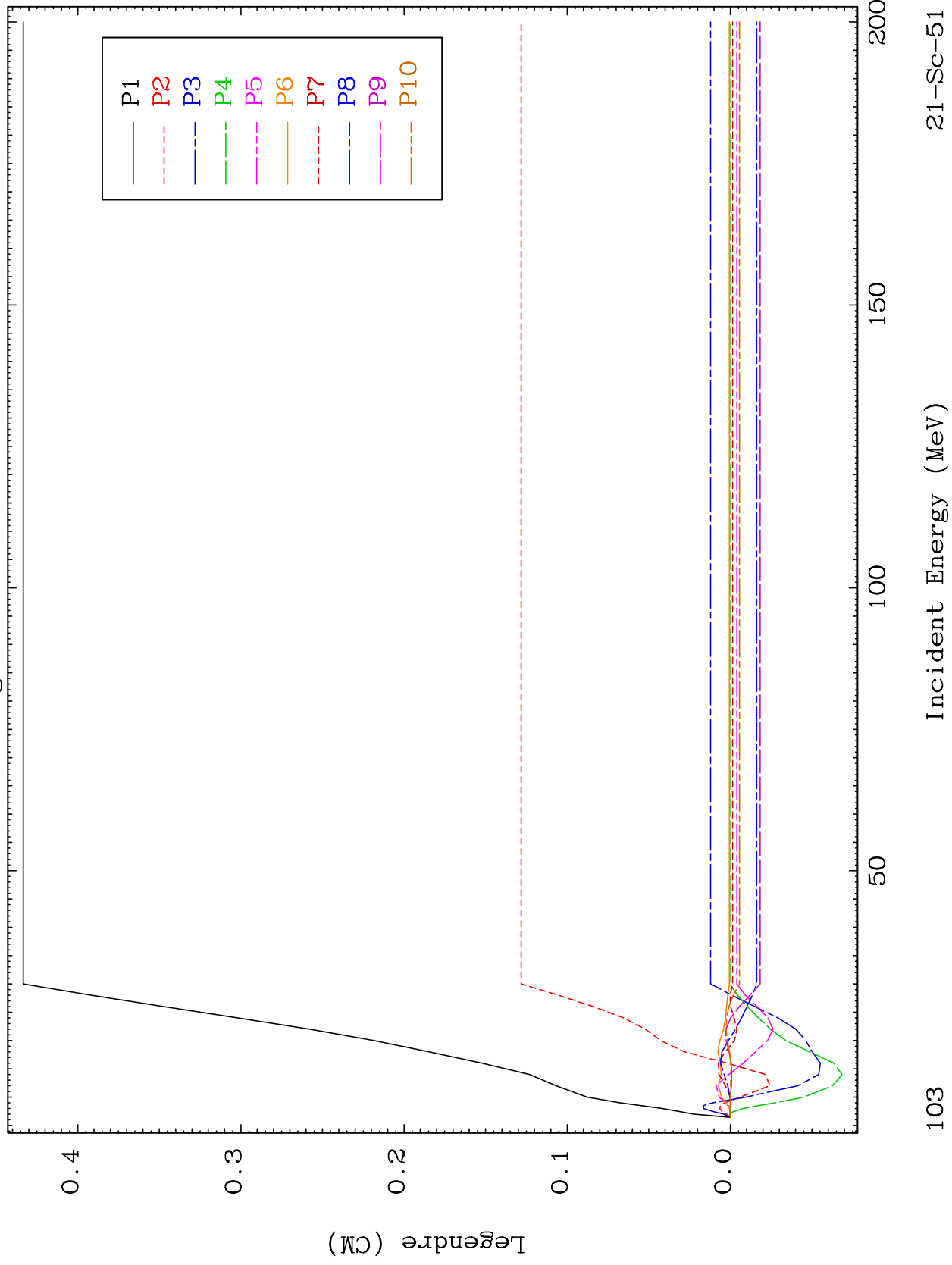
21-Sc-51



MAT 2143

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

21-Sc-51



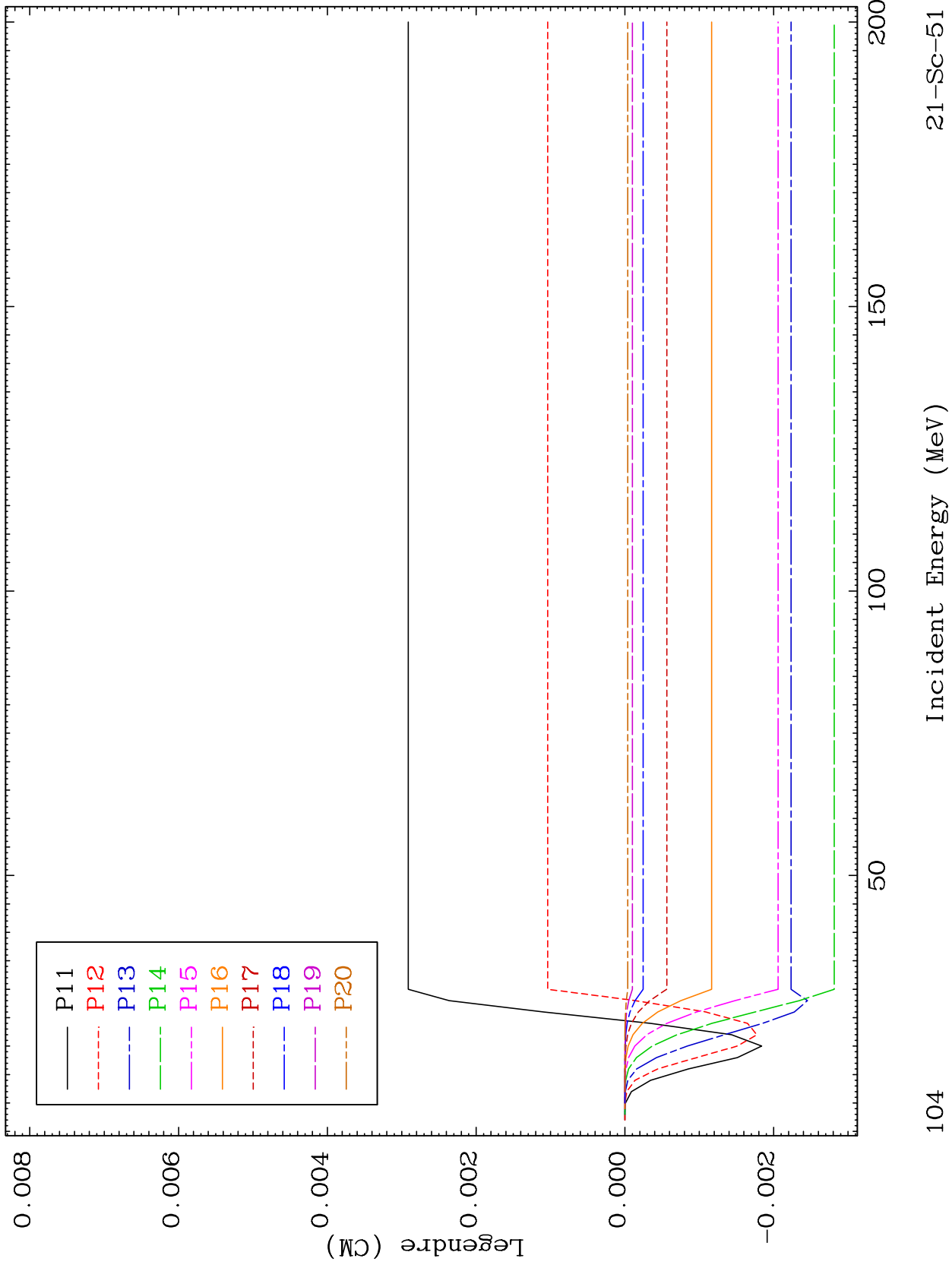
103

21-Sc-51

MAT 2143

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

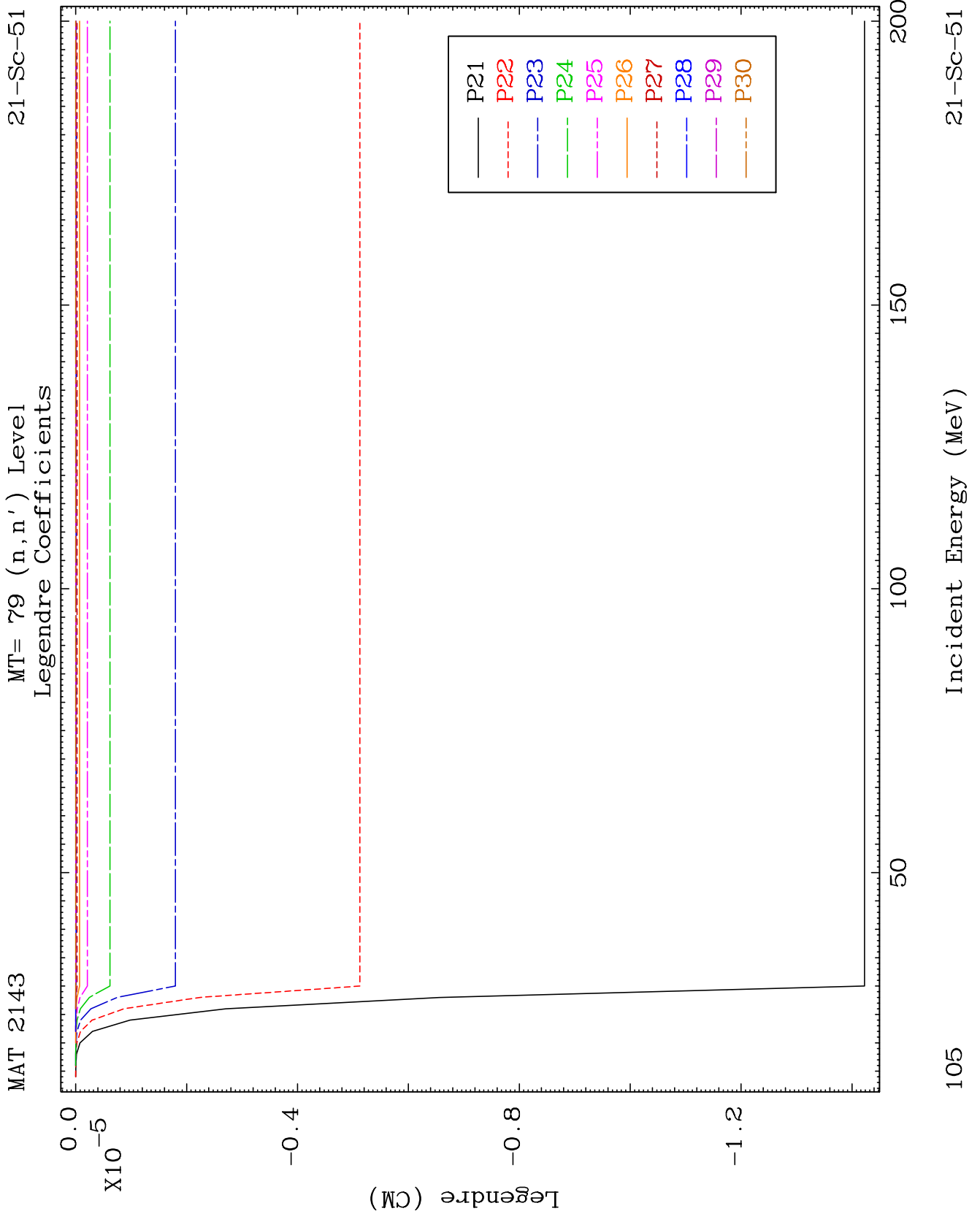
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Incident Energy (MeV)

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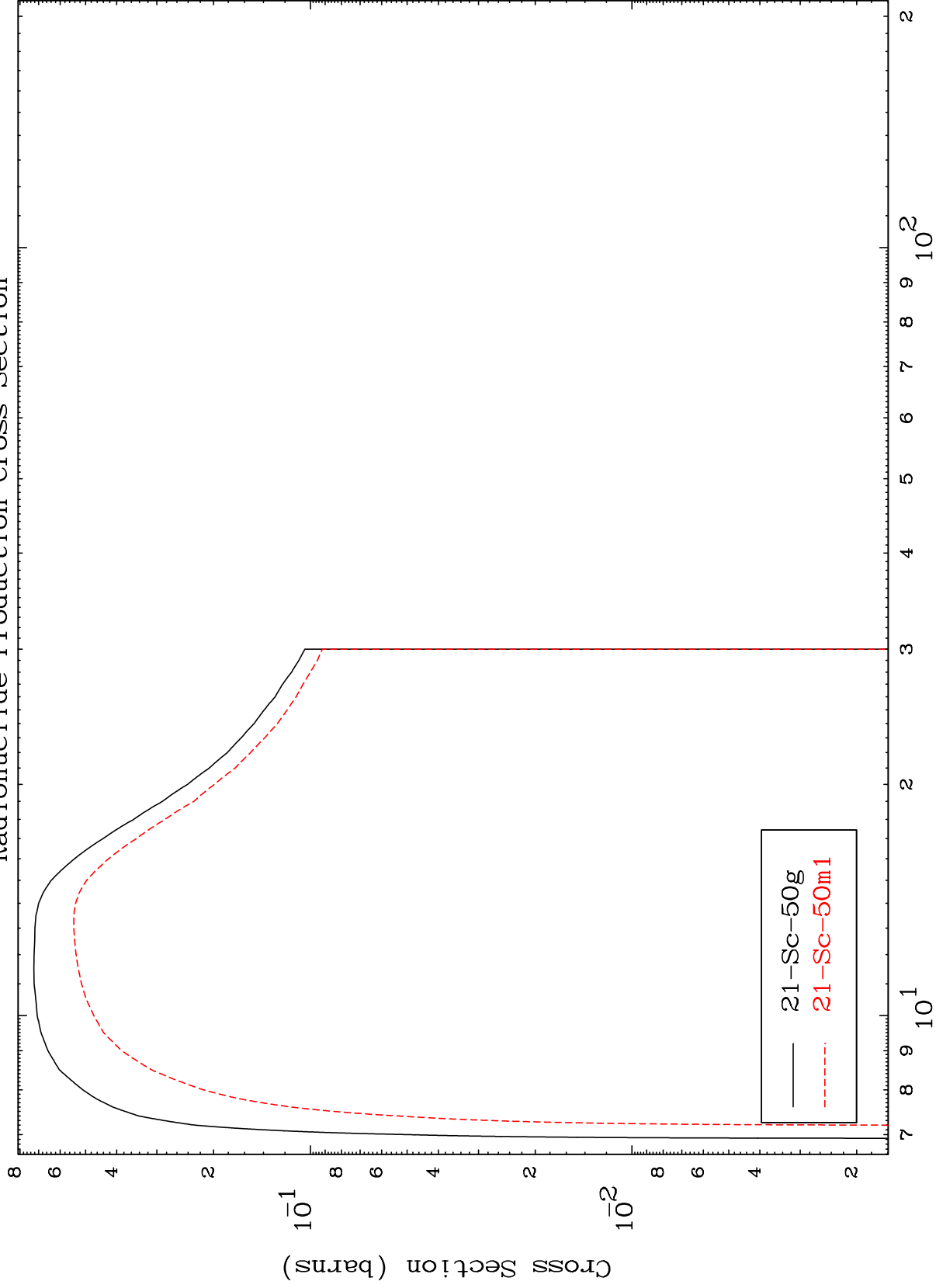


MAT 2143

(n,2n)

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Radionuclide Production Cross Section



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Incident Energy (MeV)

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