

Program EVALPLOT
(Version 2018-1)

by

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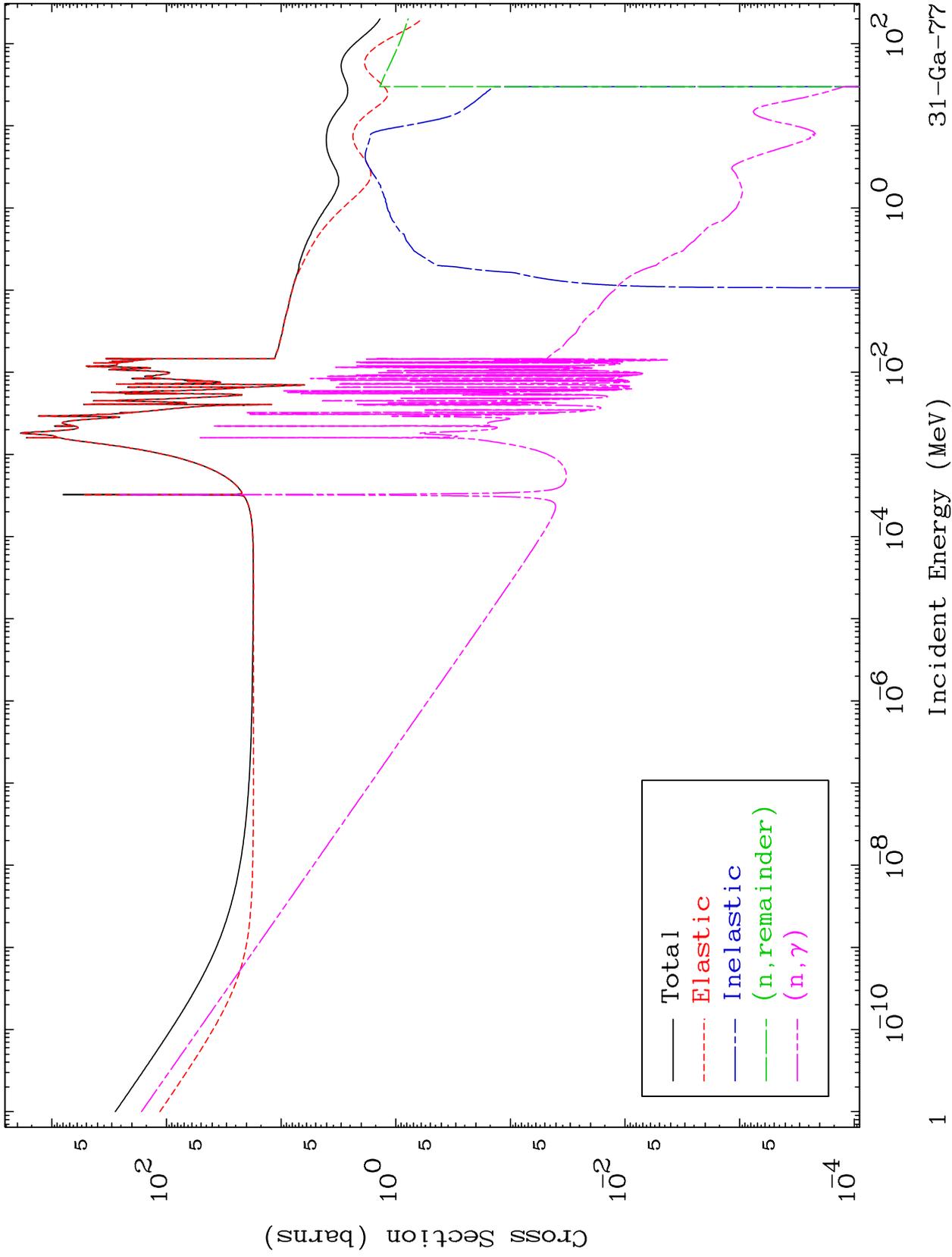
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Press Mouse Button to Start

MAT 3149

Major
293 Kelvin Cross Sections

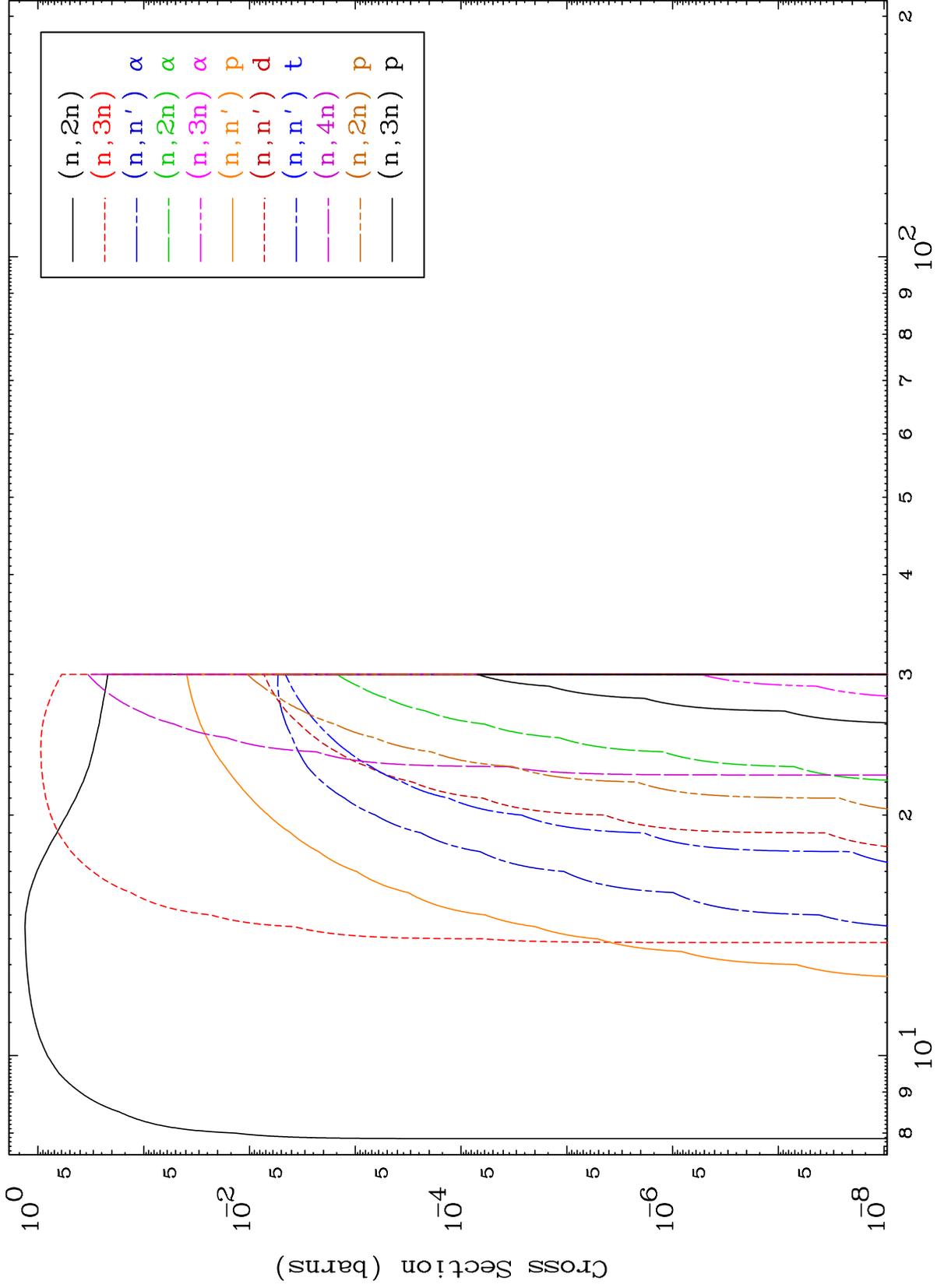
31-Ga-77



MAT 3149

Neutron Production
293 Kelvin Cross Sections

31-Ga-77



2

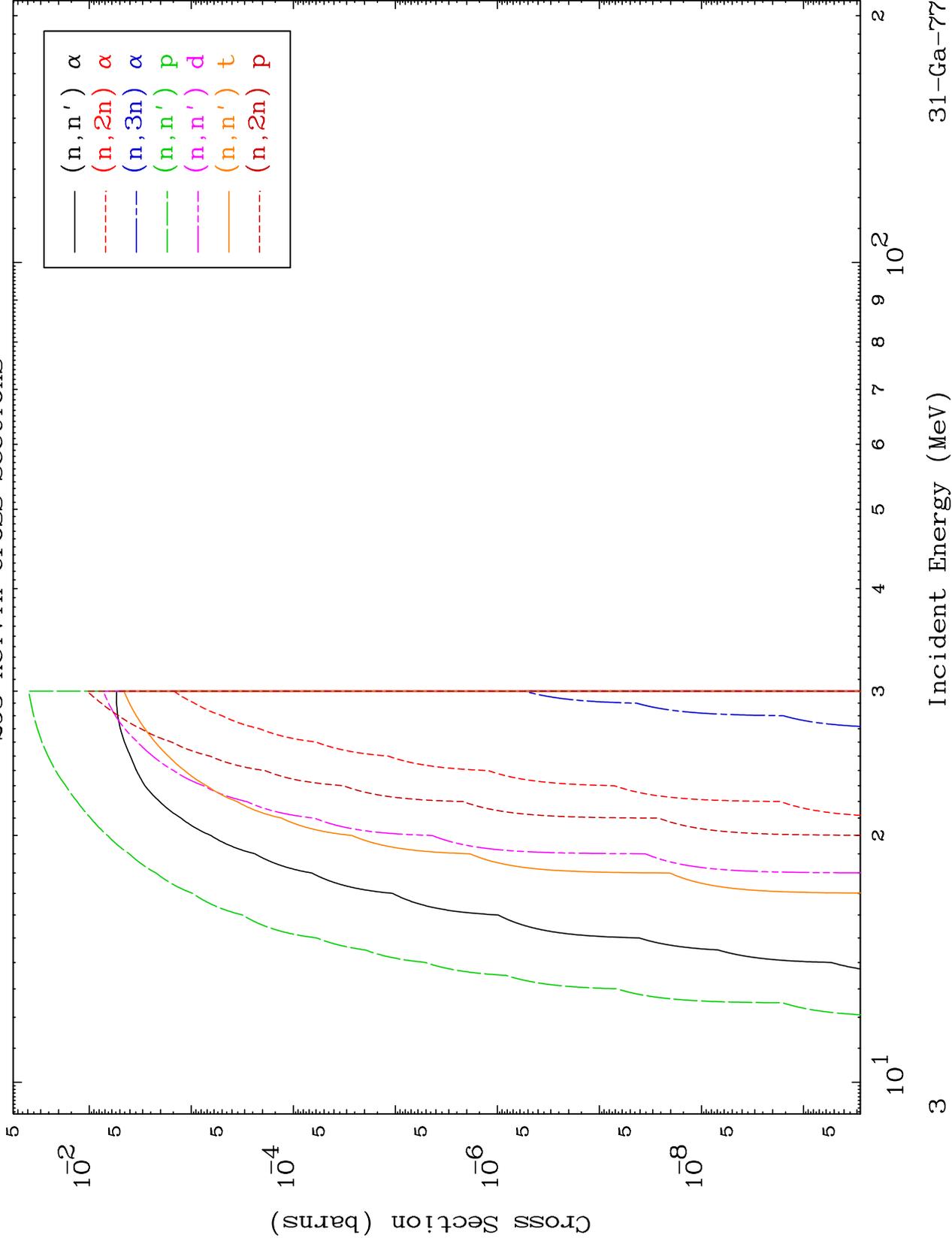
Incident Energy (MeV)

31-Ga-77

MAT 3149

Charged Particle
293 Kelvin Cross Sections

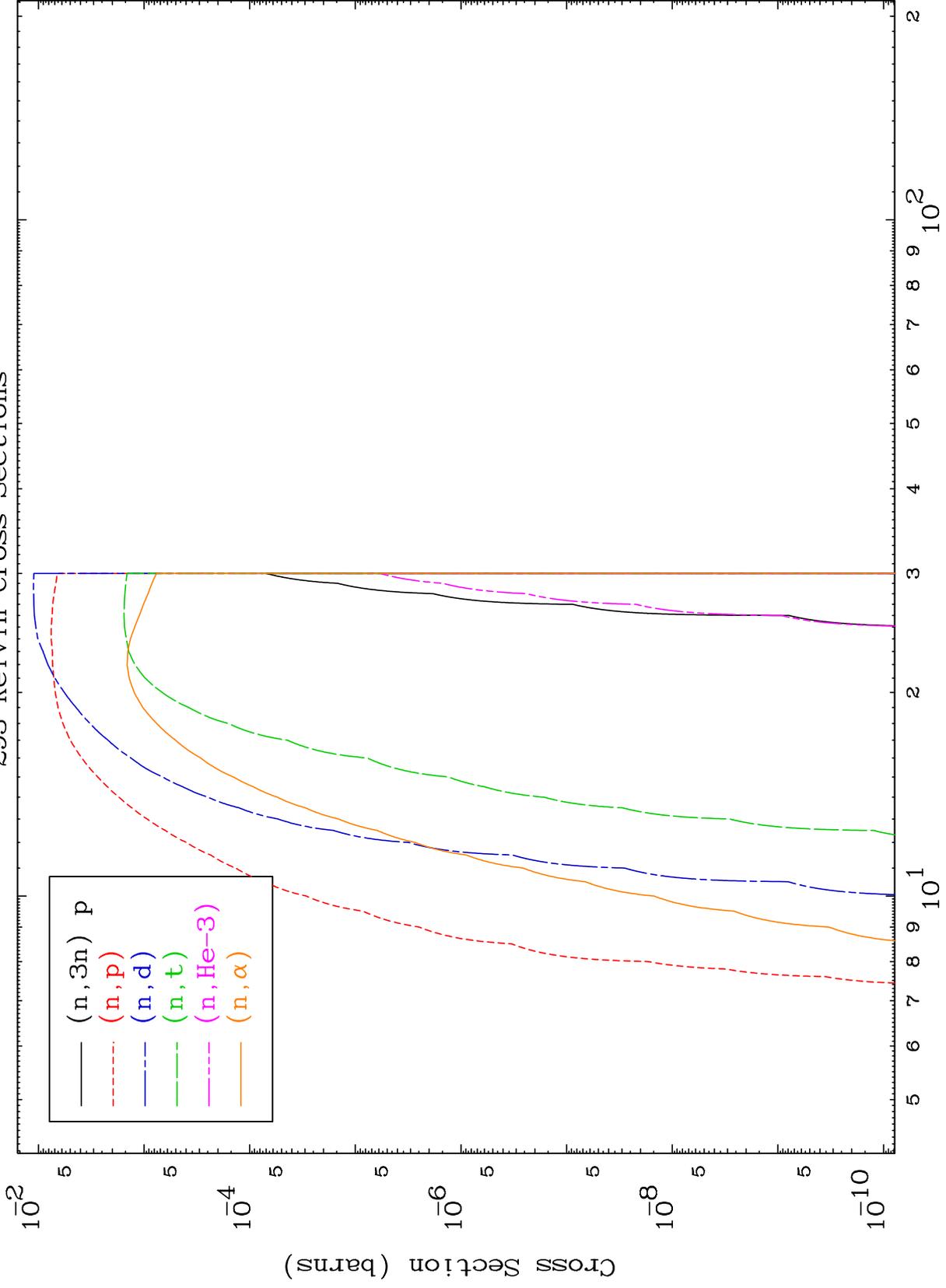
31-Ga-77

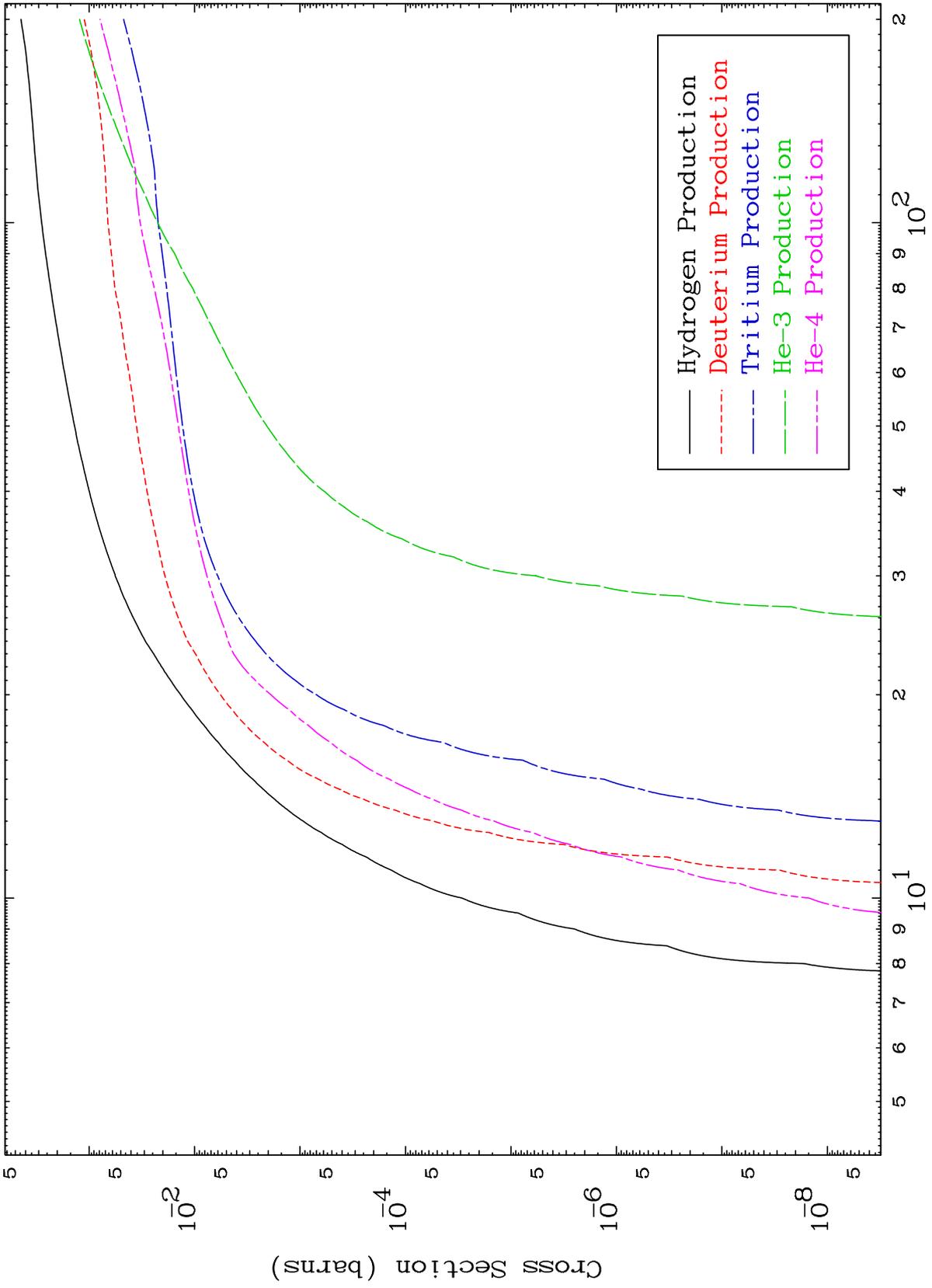


MAT 3149

Charged Particle
293 Kelvin Cross Sections

31-Ga-77



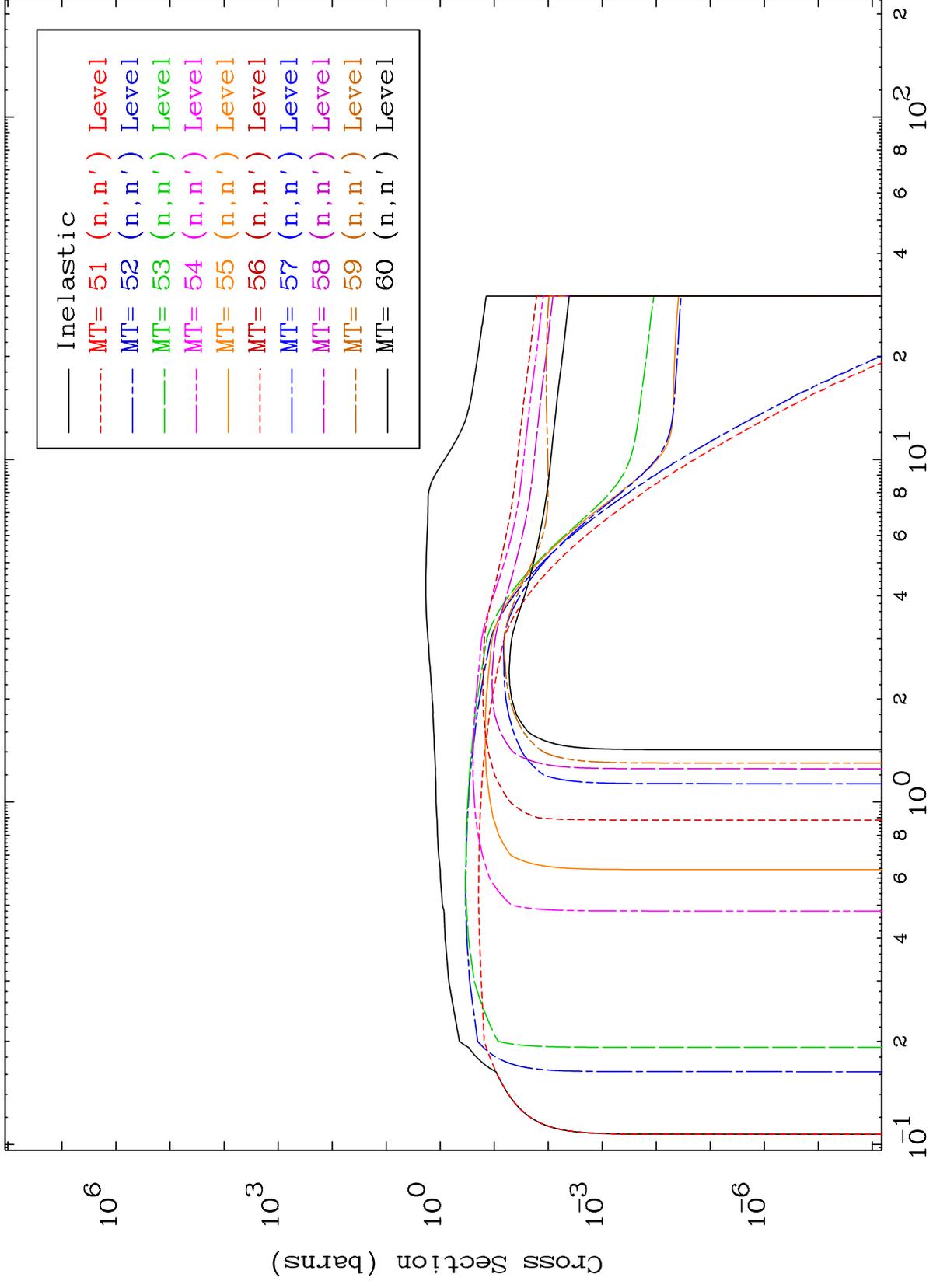


MAT 3149

(n,n') Level

31-Ga-77

293 Kelvin Cross Sections



Incident Energy (MeV)

31-Ga-77

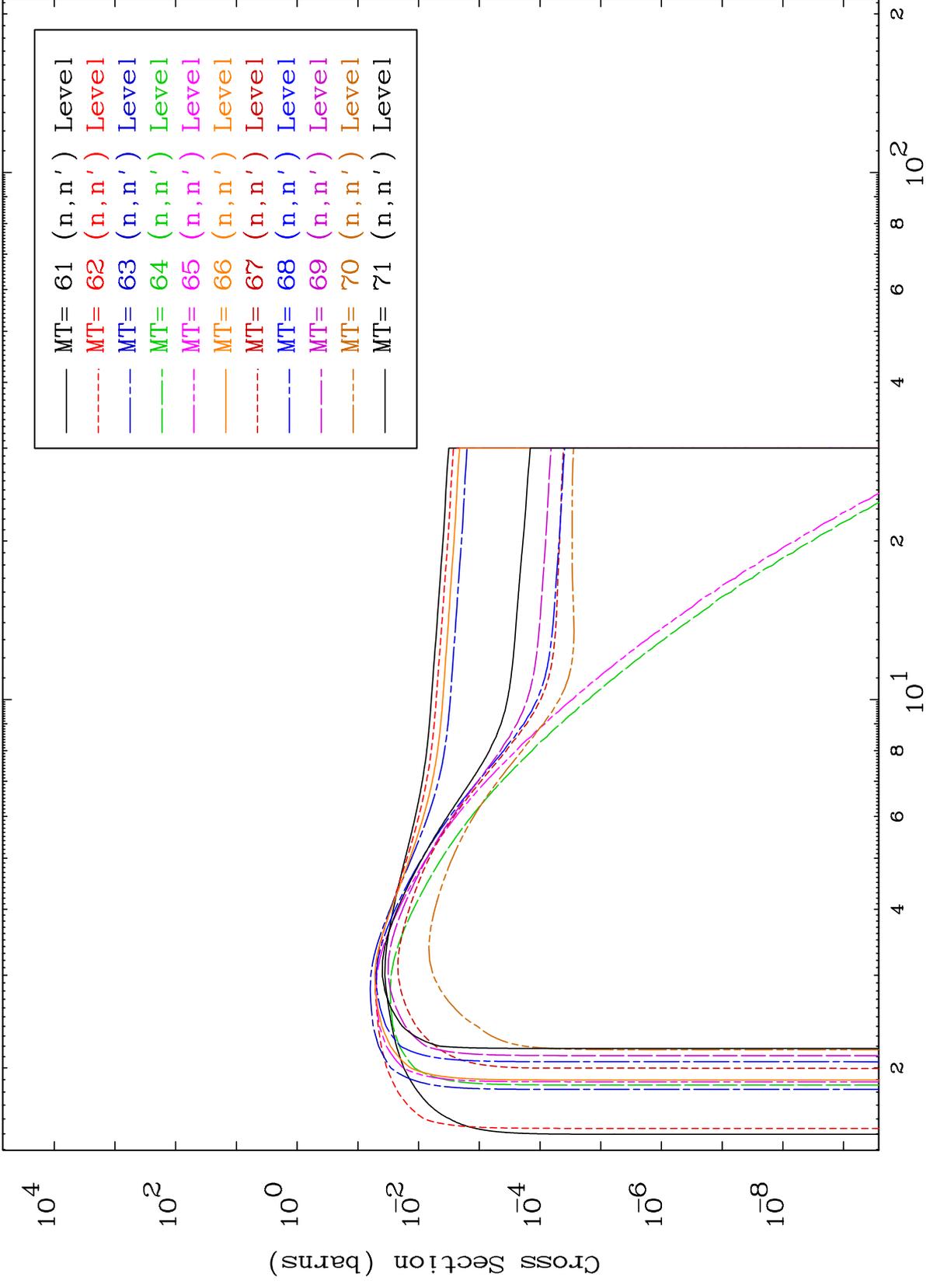
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MAT 3149

(n,n') Level

31-Ga-77

293 Kelvin Cross Sections



7

Incident Energy (MeV)

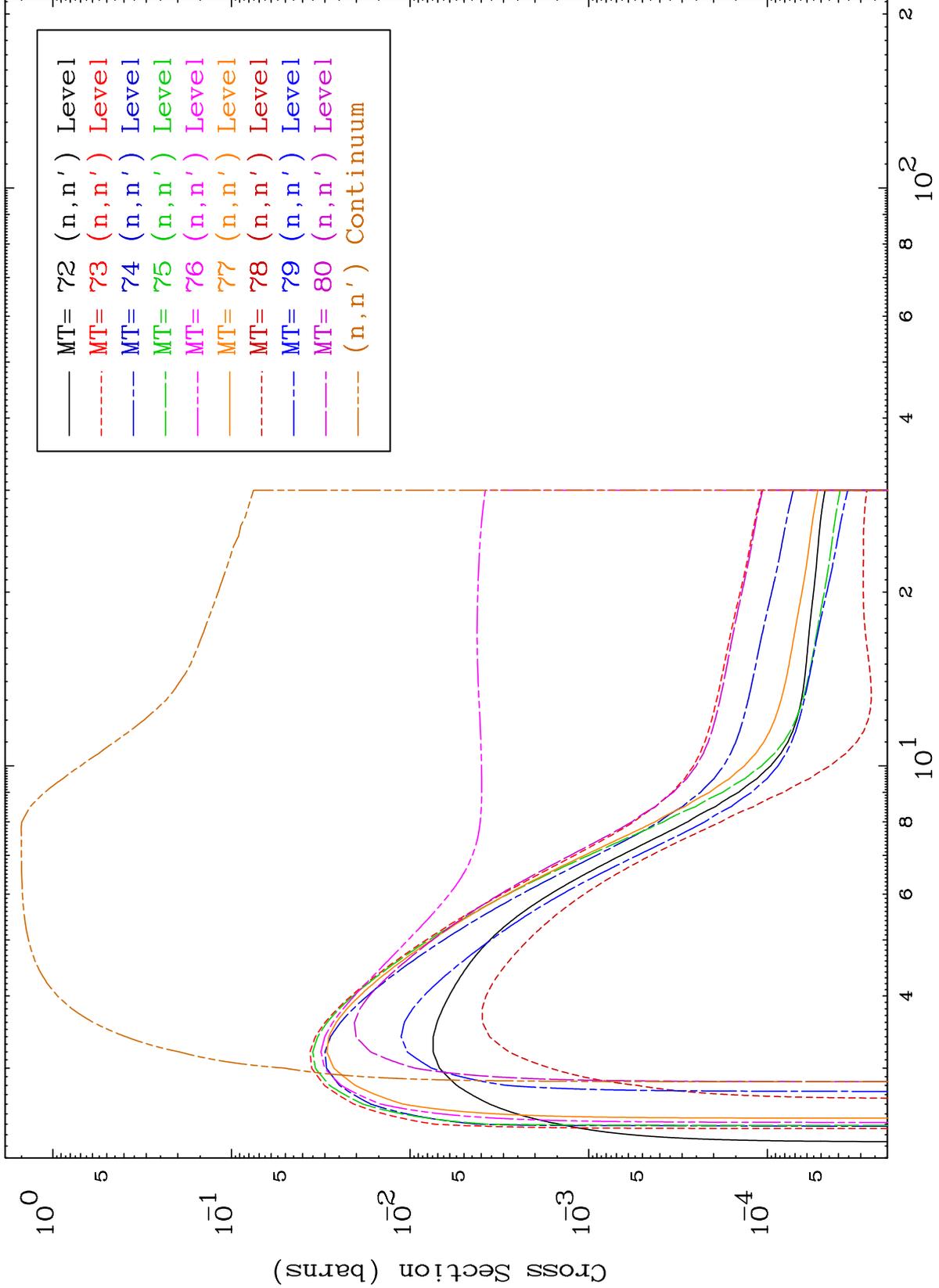
31-Ga-77

MAT 3149

(n,n') Level

31-Ga-77

293 Kelvin Cross Sections



8

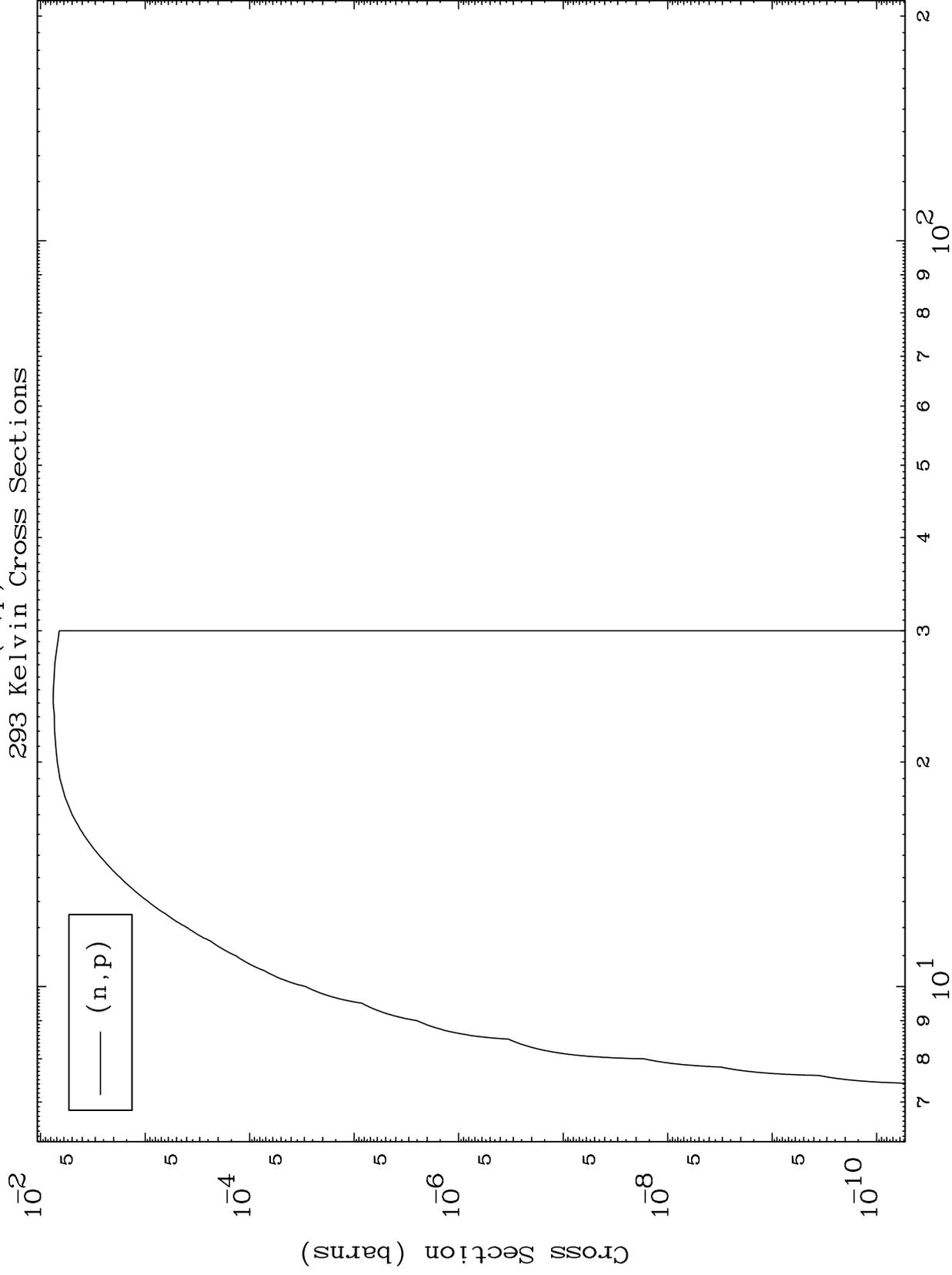
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31-Ga-77

MAT 3149

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-77



9

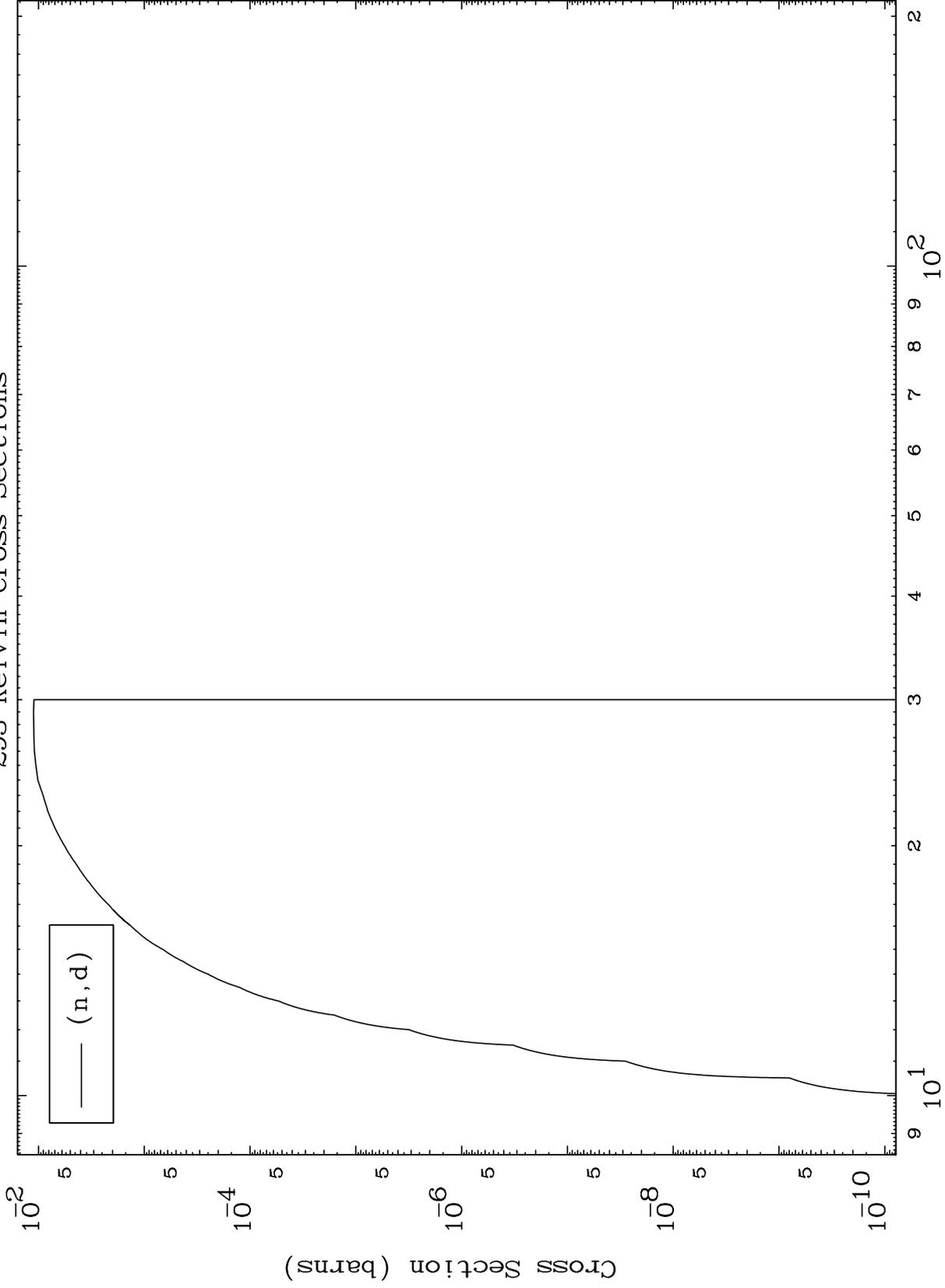
Incident Energy (MeV)

31-Ga-77

MAT 3149

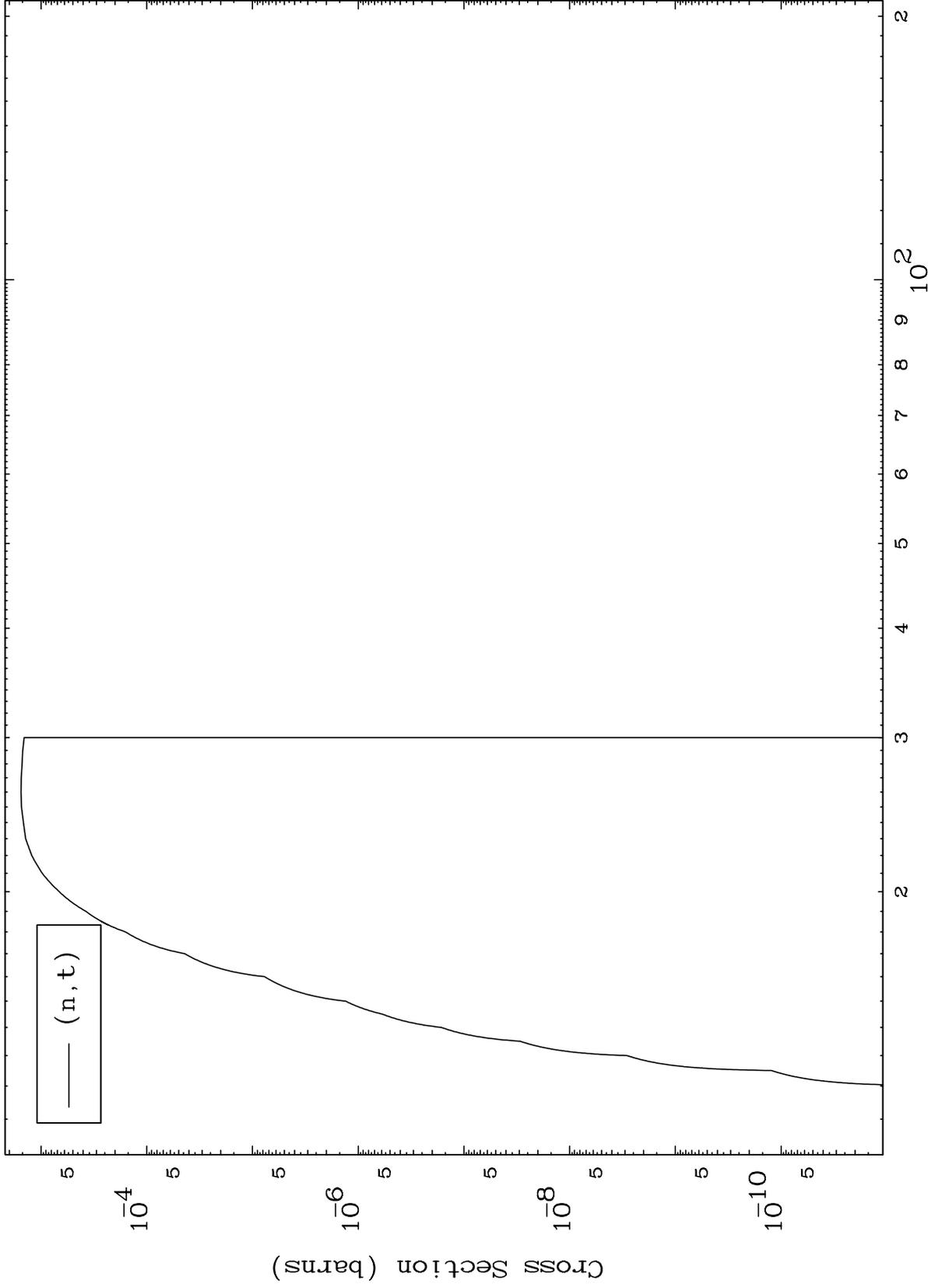
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293 Kelvin Cross Sections

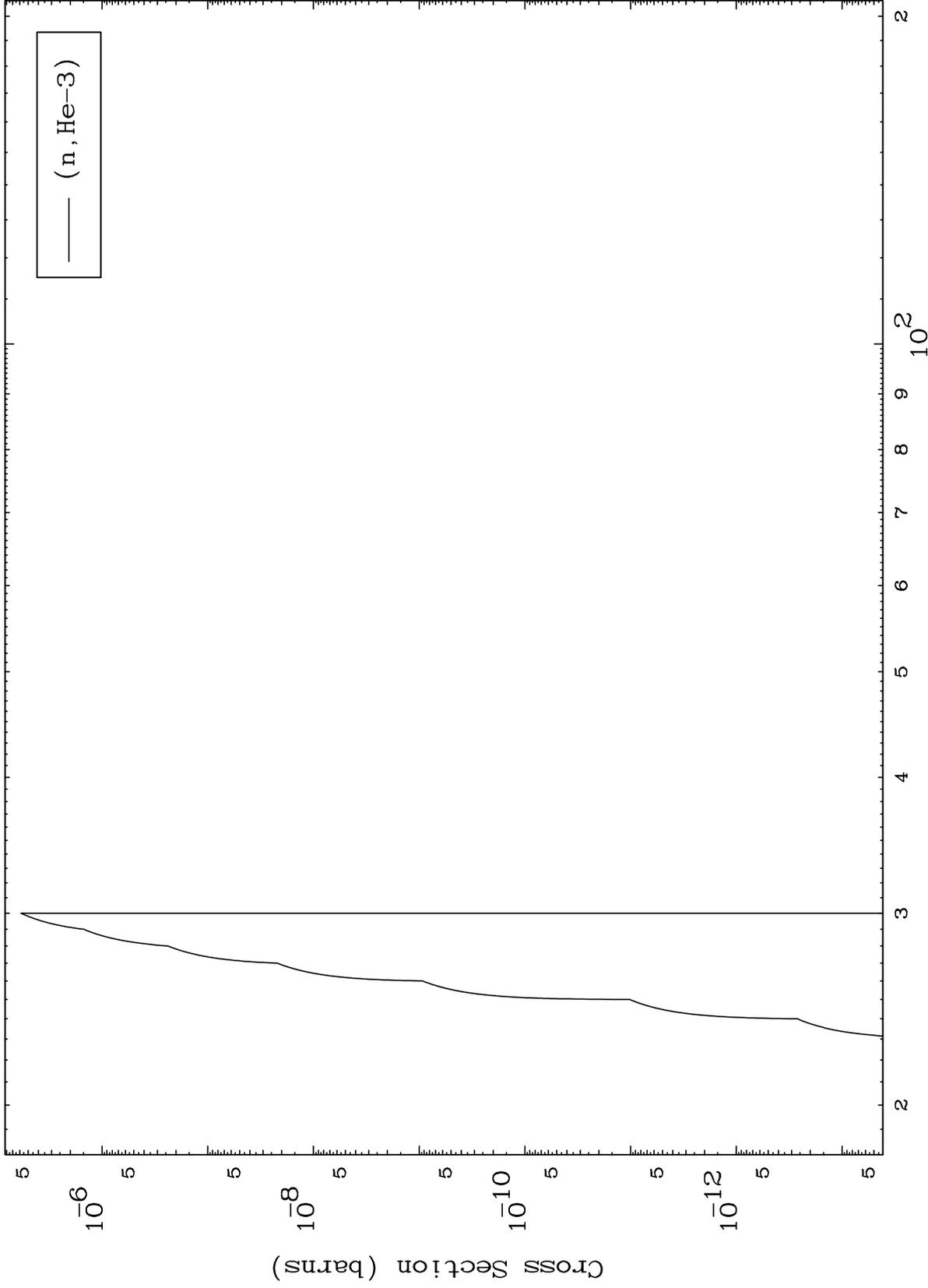
31-Ga-77



Incident Energy (MeV)

31-Ga-77

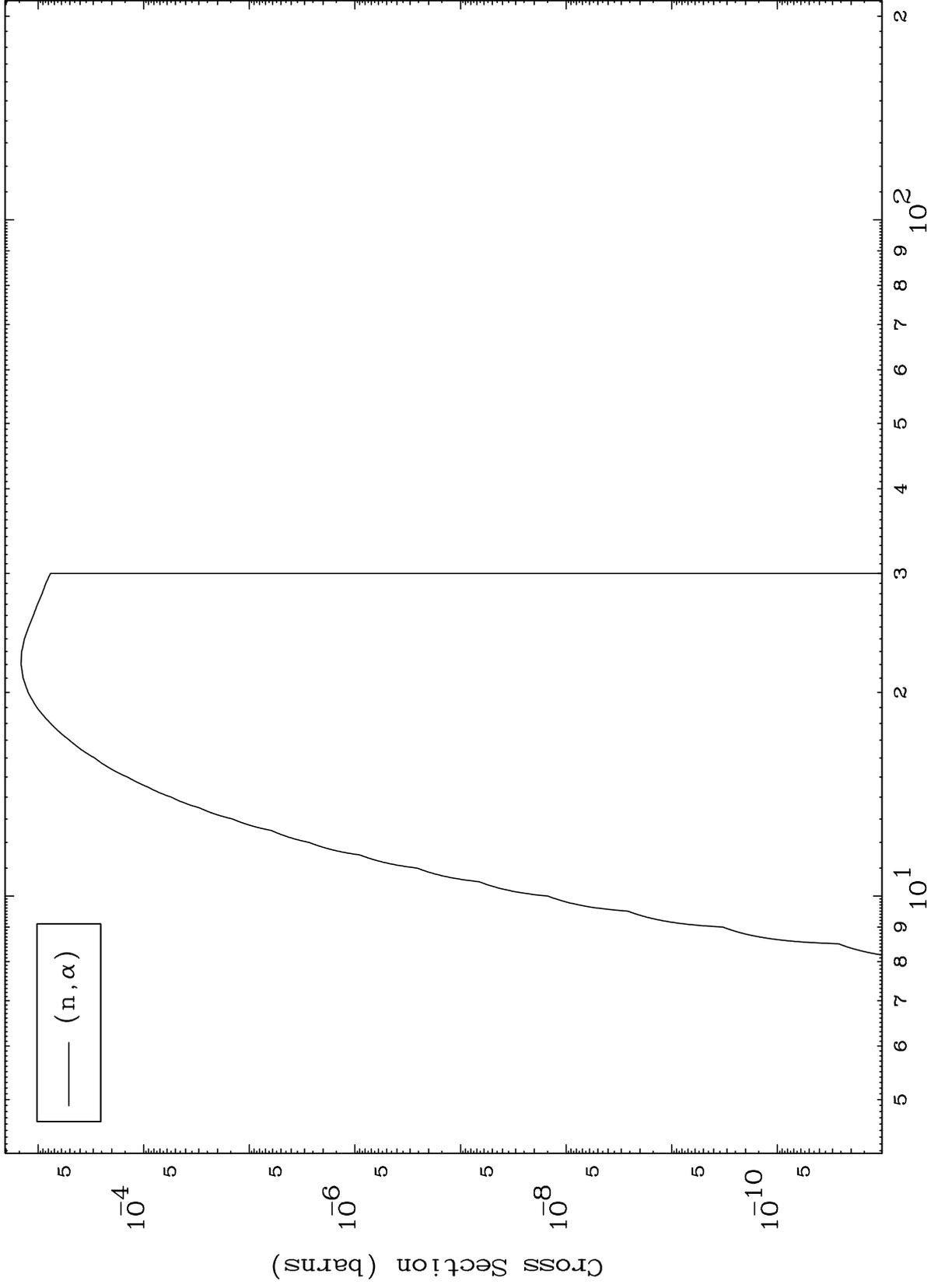




MAT 3149

(n, α) Levels
293 Kelvin Cross Sections

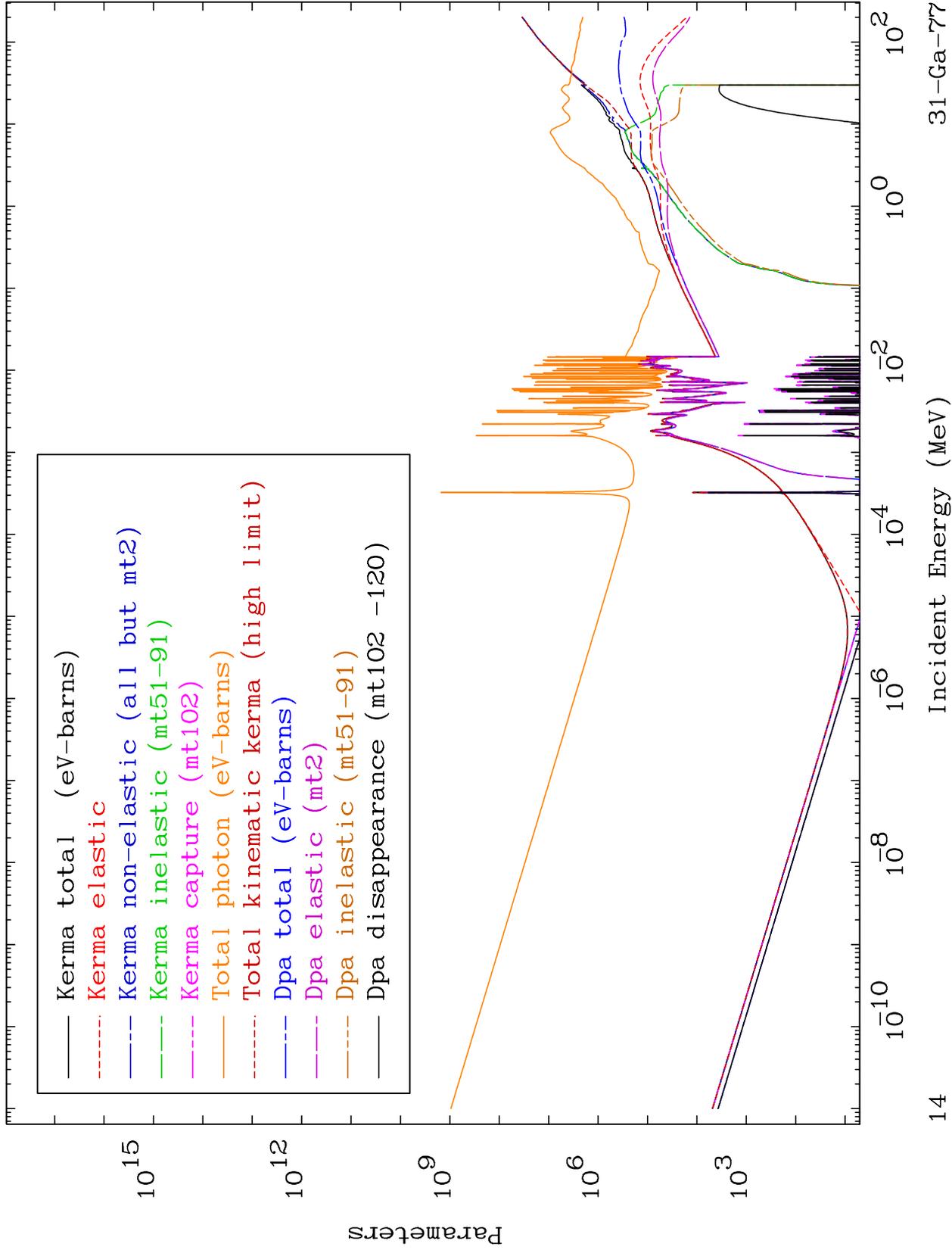
31-Ga-77



13

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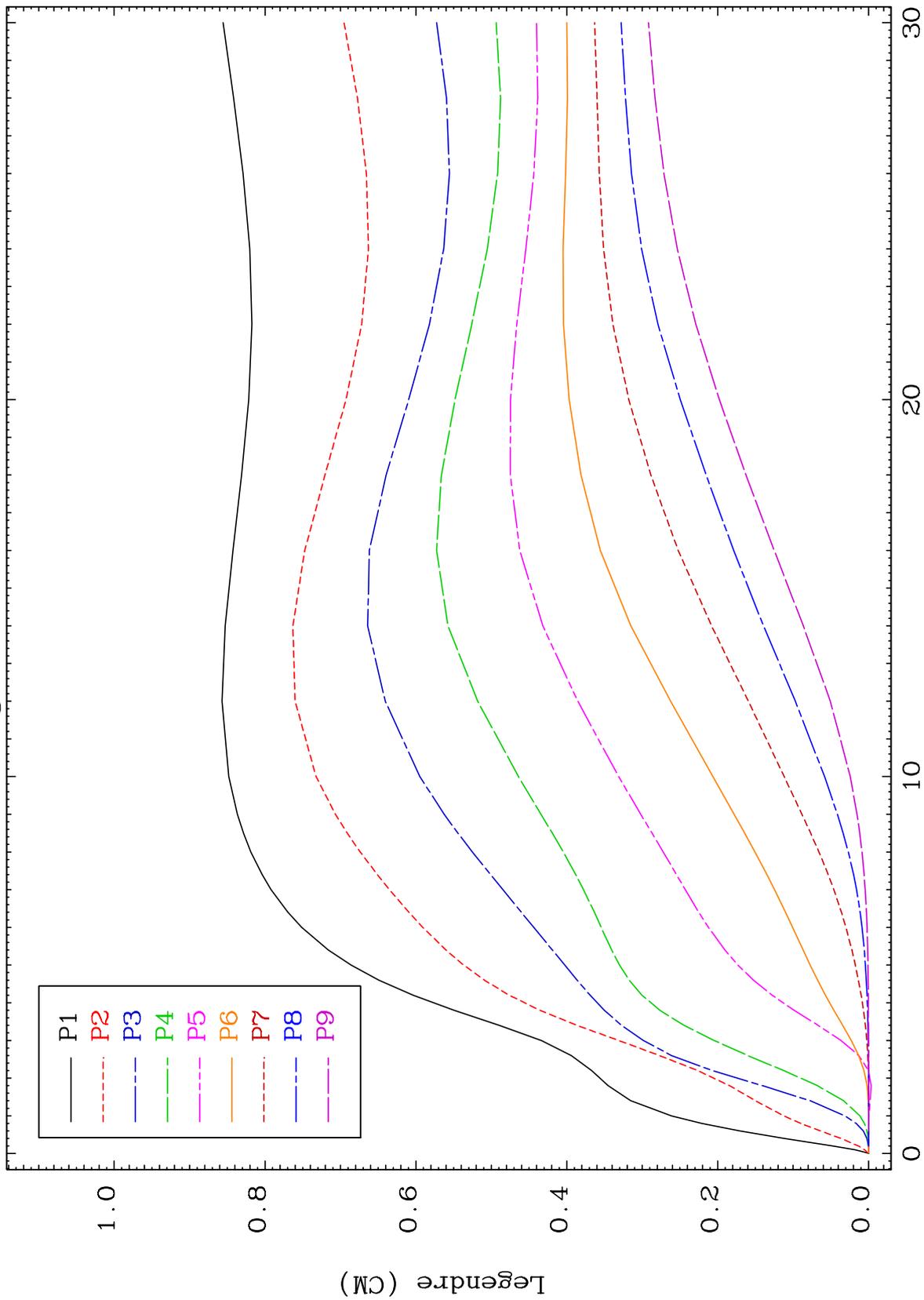
31-Ga-77



MAT 3149

Elastic Legendre Coefficients

³¹Ga-77



15

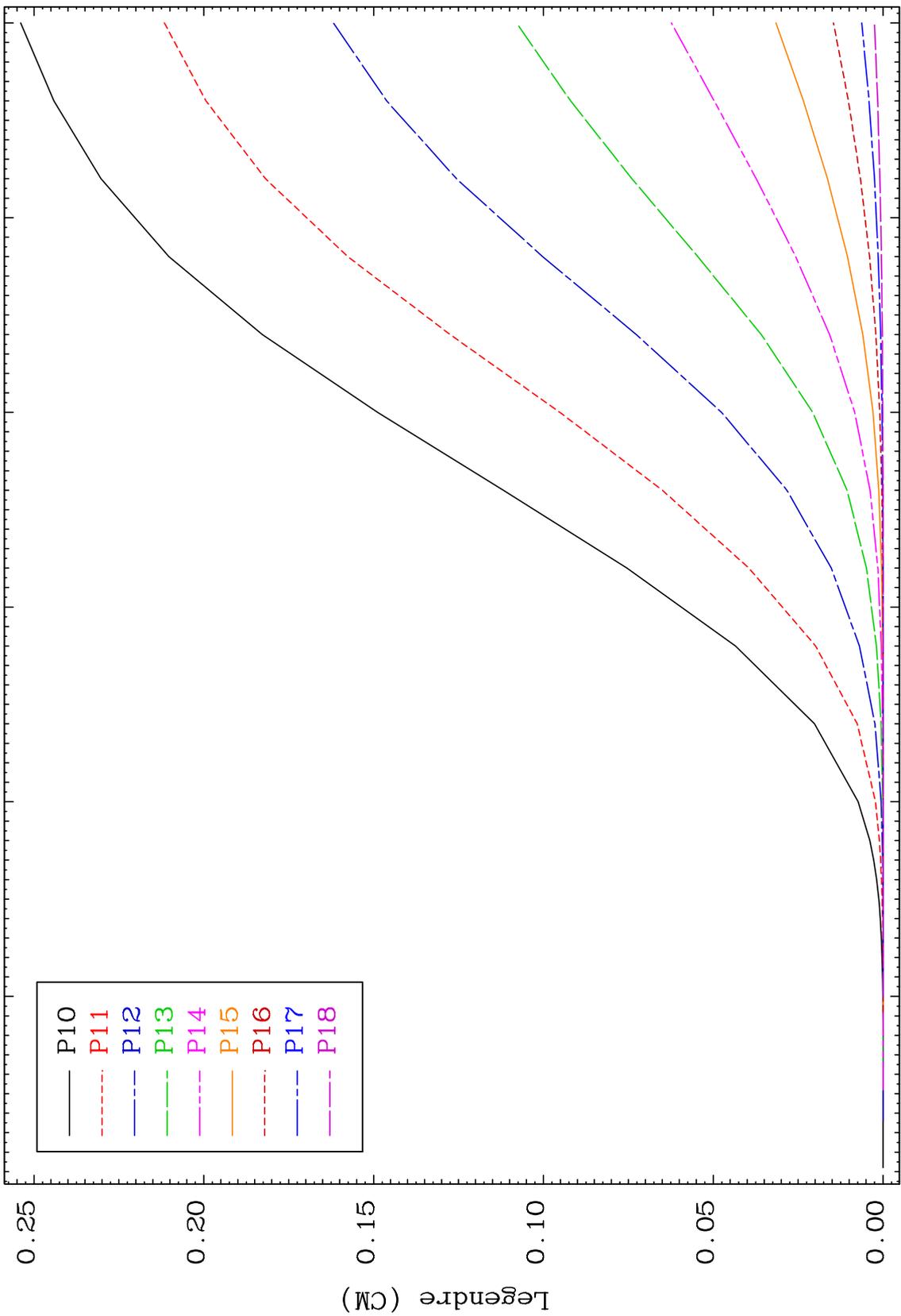
Incident Energy (MeV)

³¹Ga-77

MAT 3149

Elastic Legendre Coefficients

³¹Ga-77



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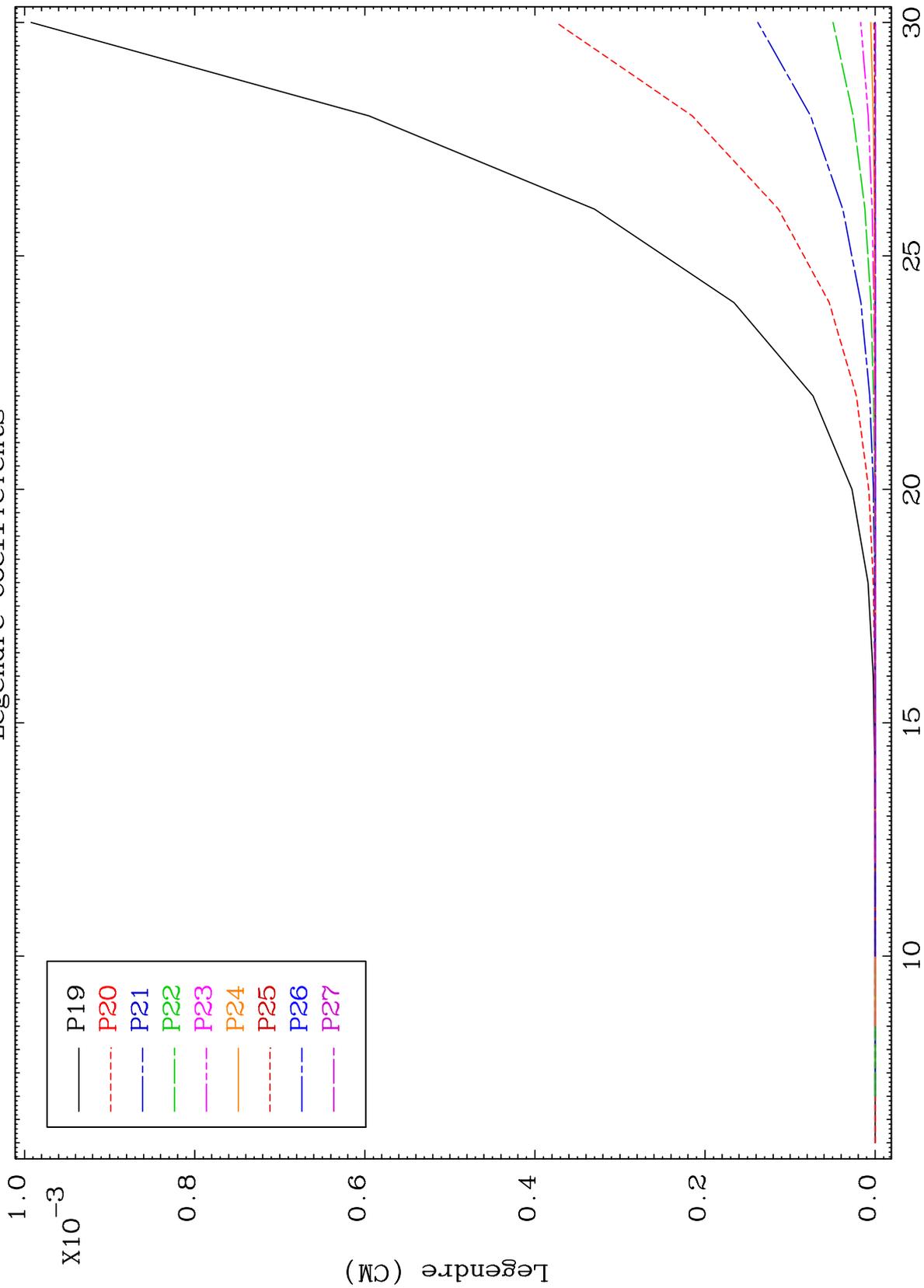
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³¹Ga-77

MAT 3149

Elastic Legendre Coefficients

31-Ga-77



17

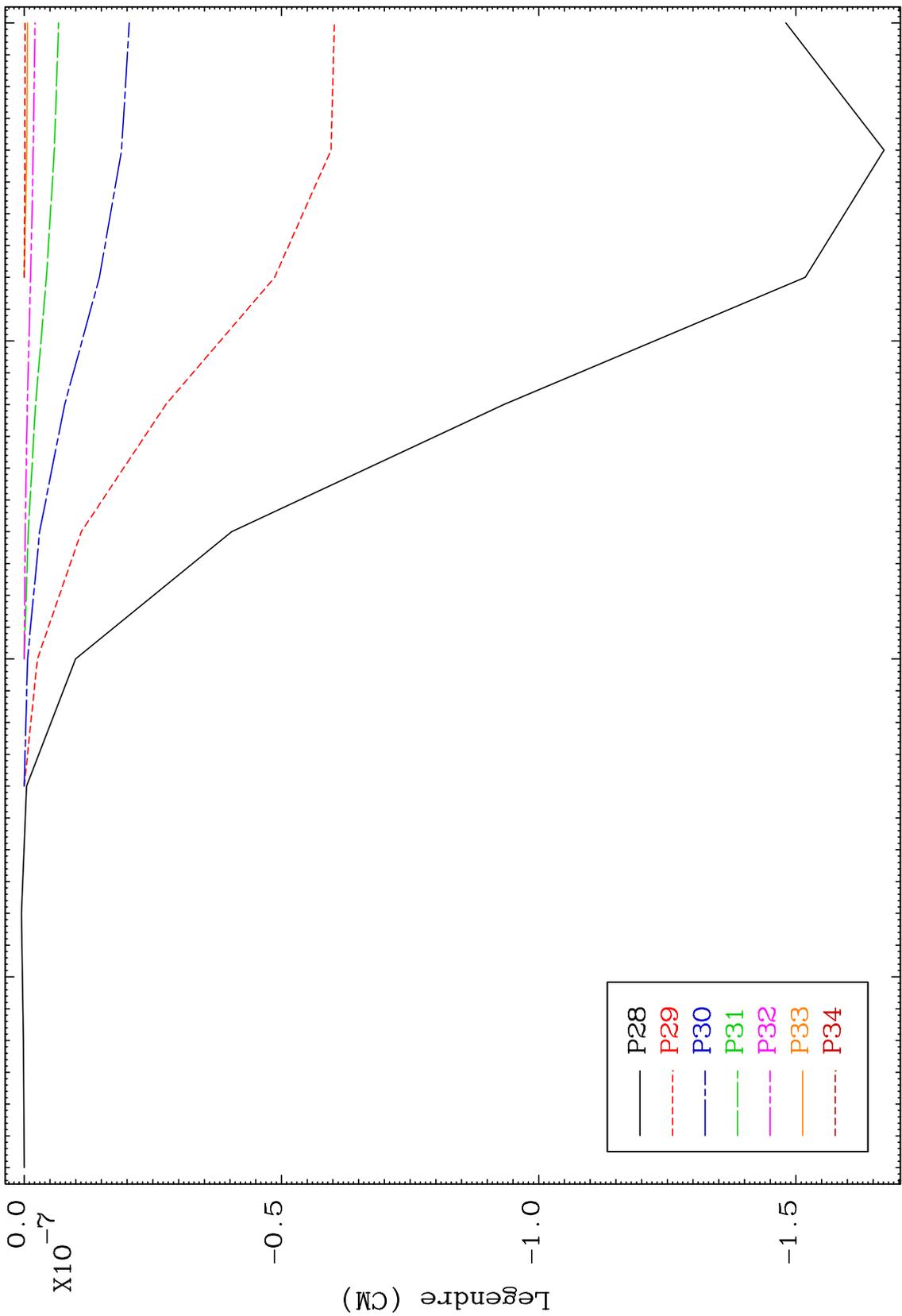
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

Elastic Legendre Coefficients



18

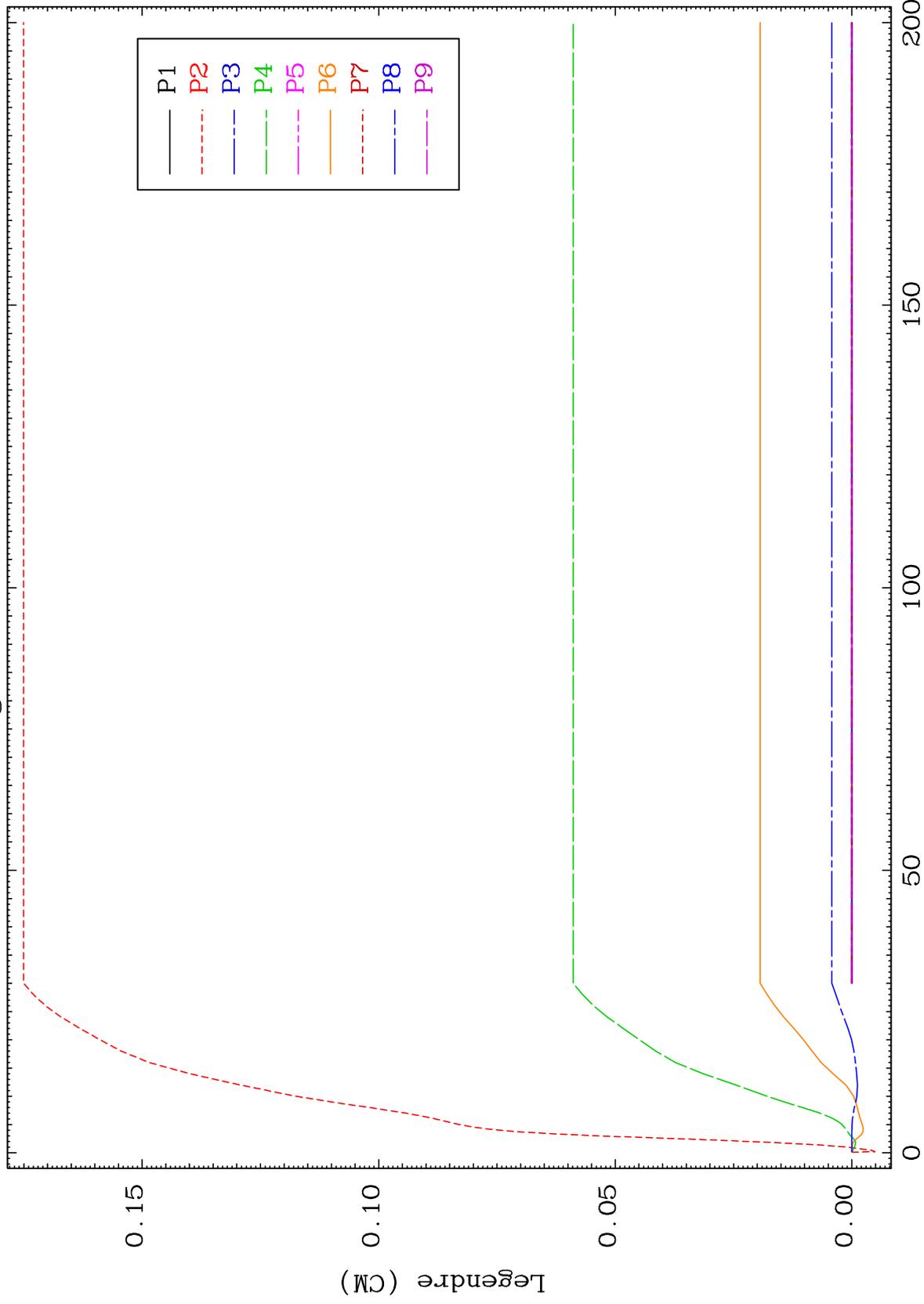
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

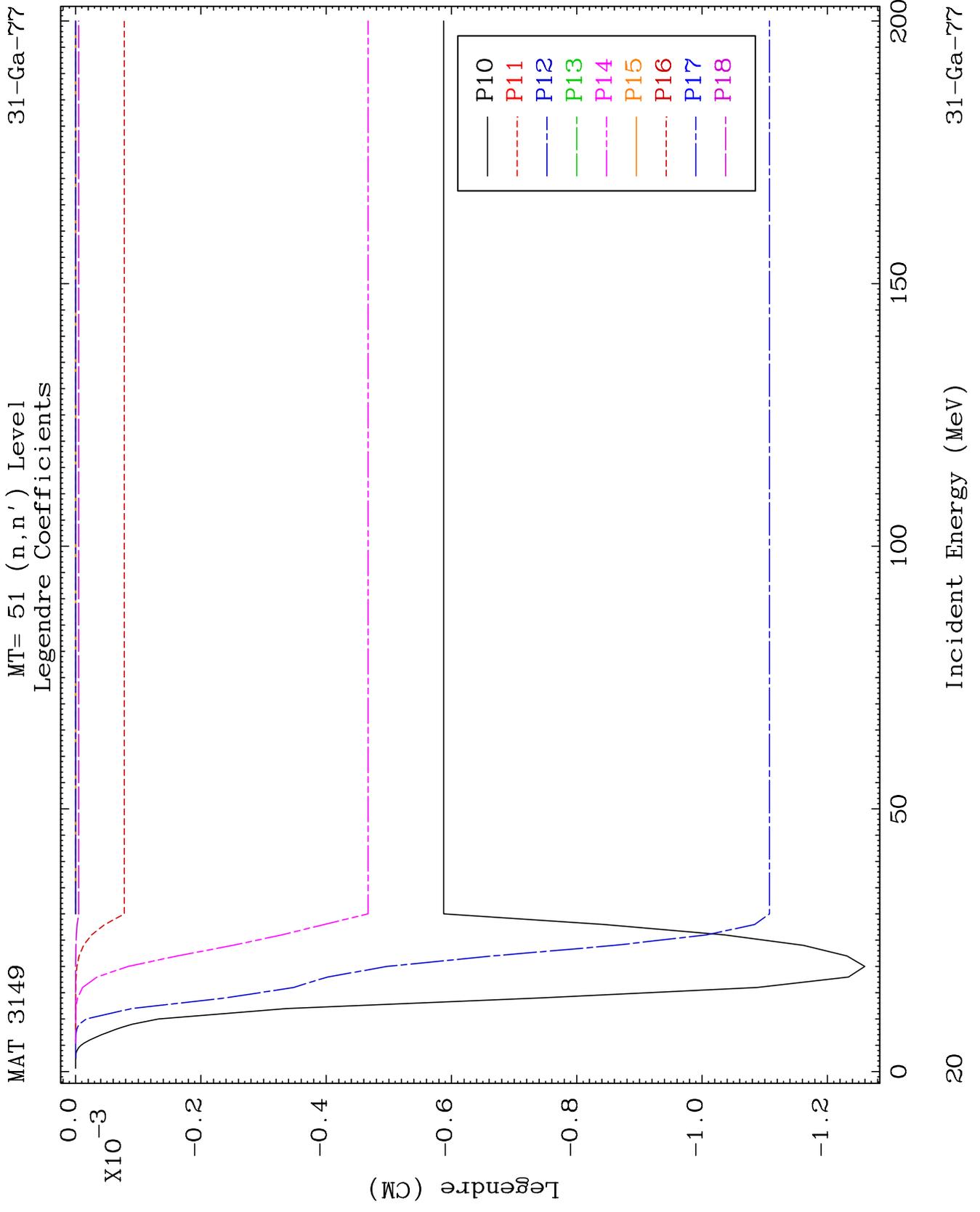
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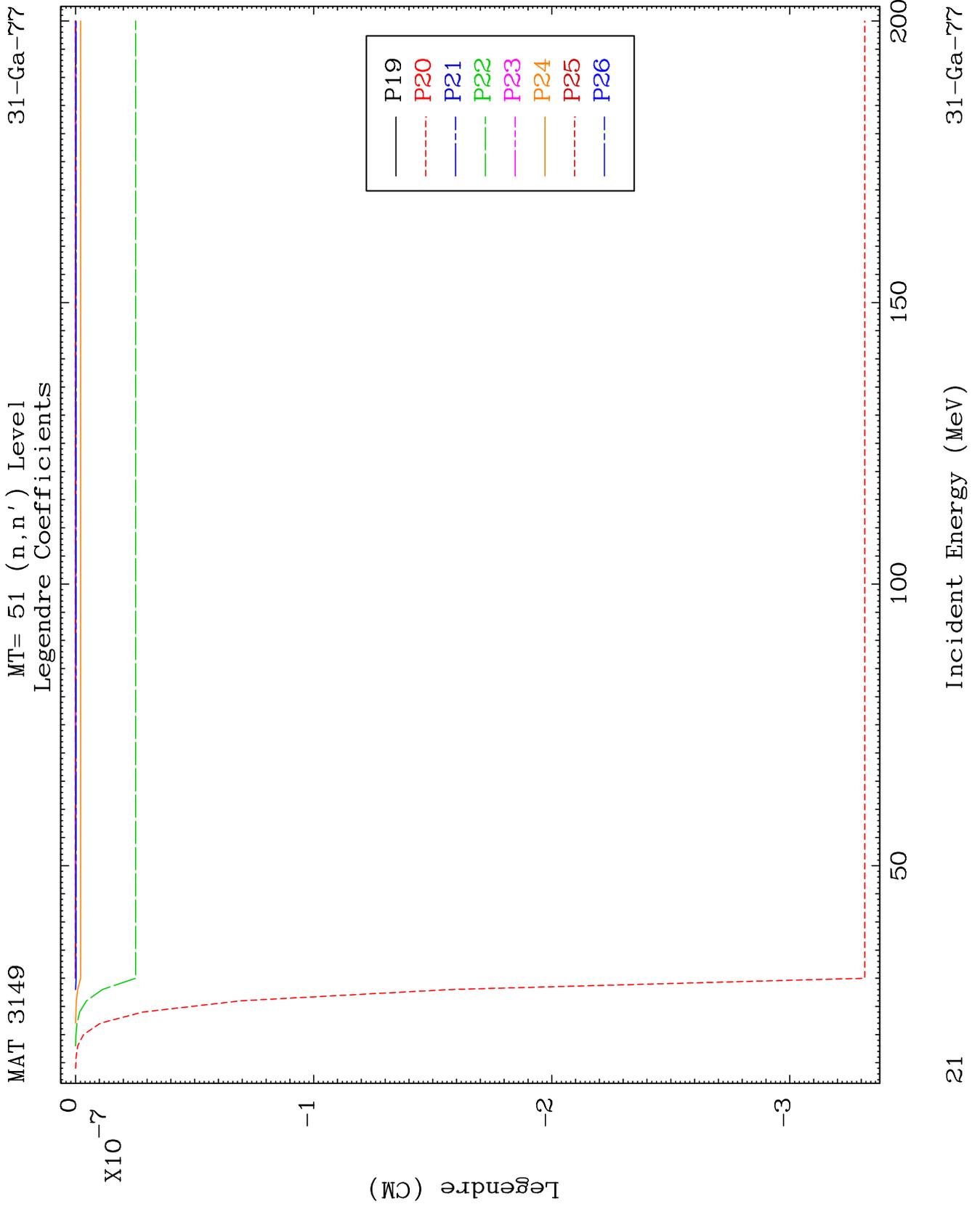


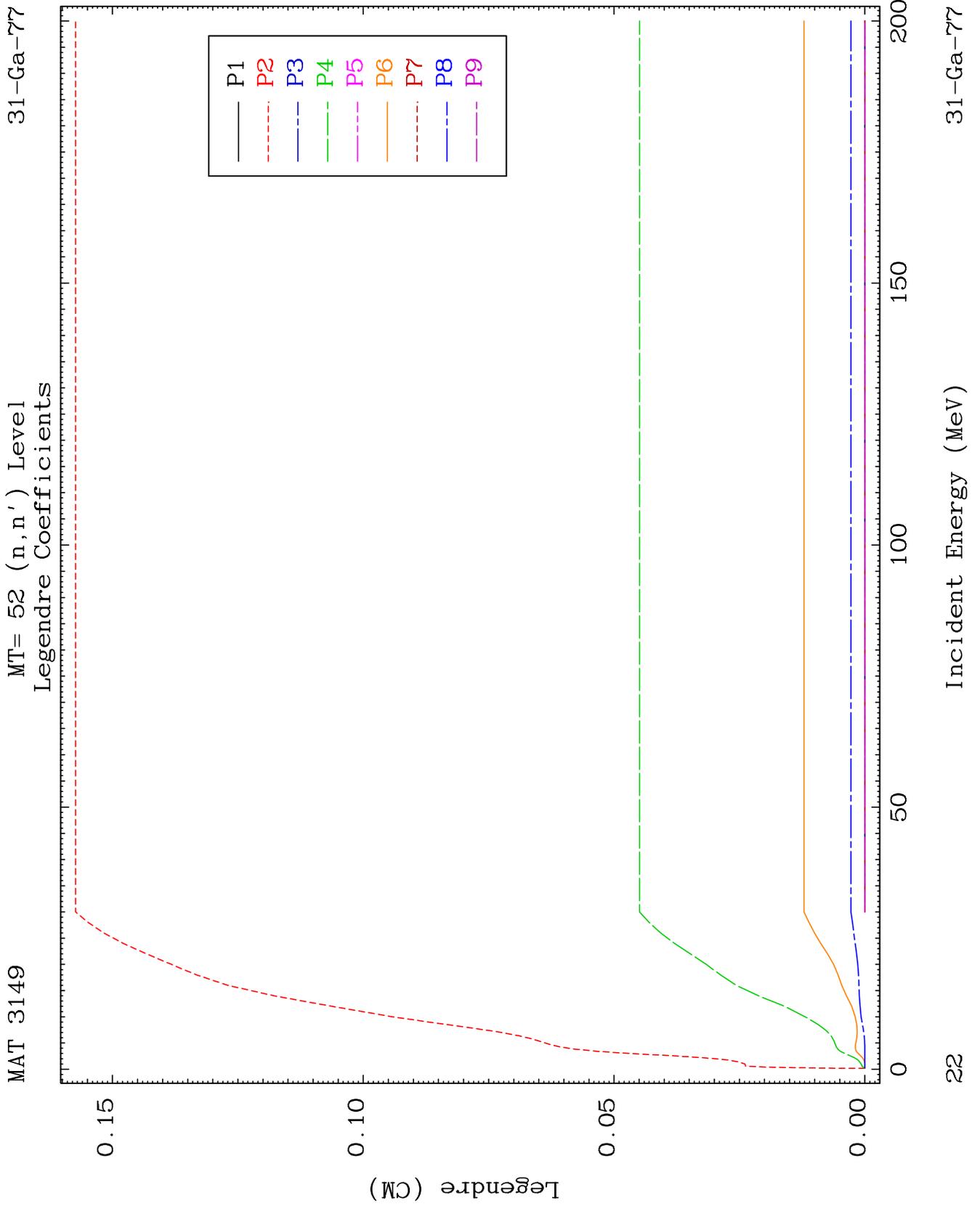
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Incident Energy (MeV)

31-Ga-77



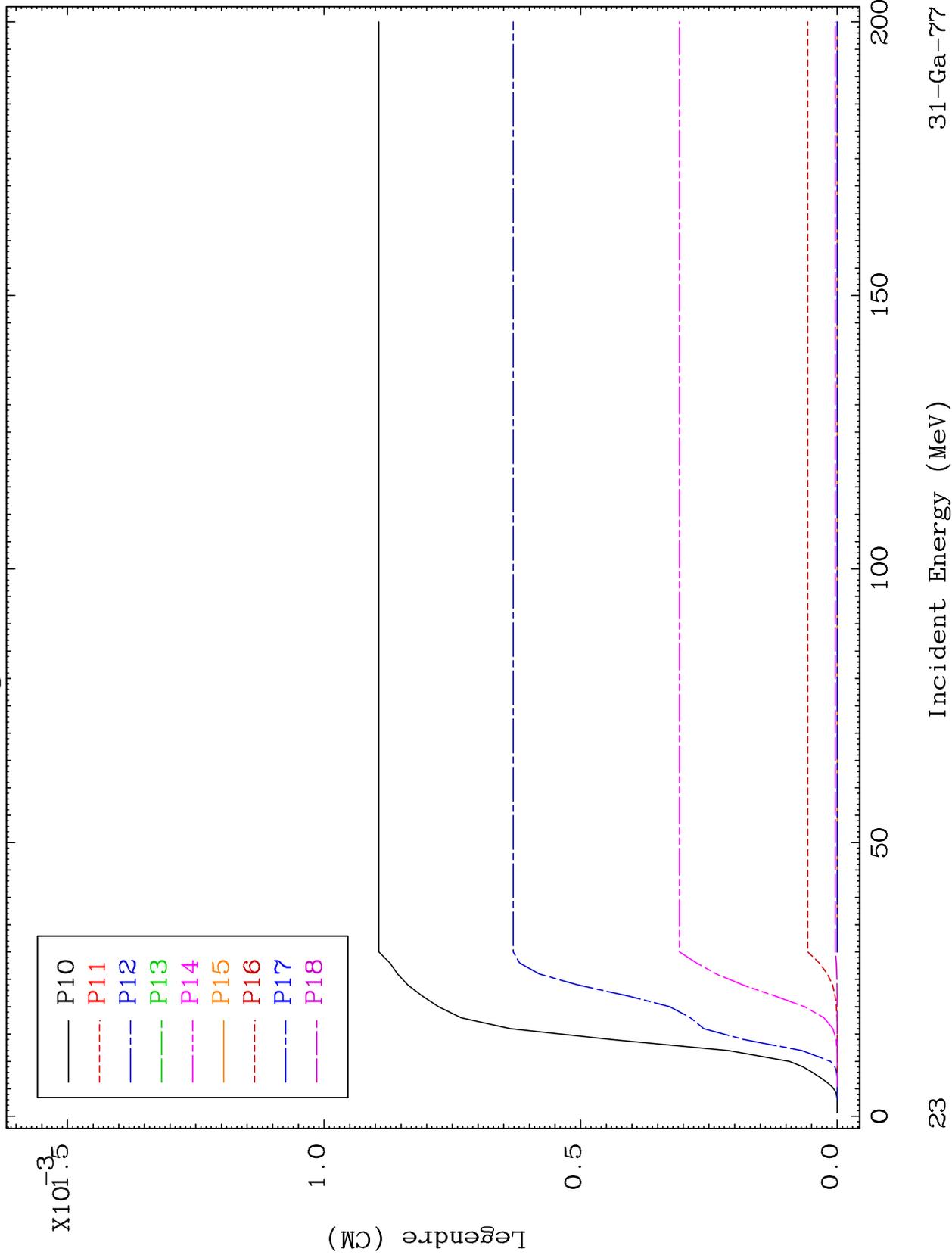




MAT 3149

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

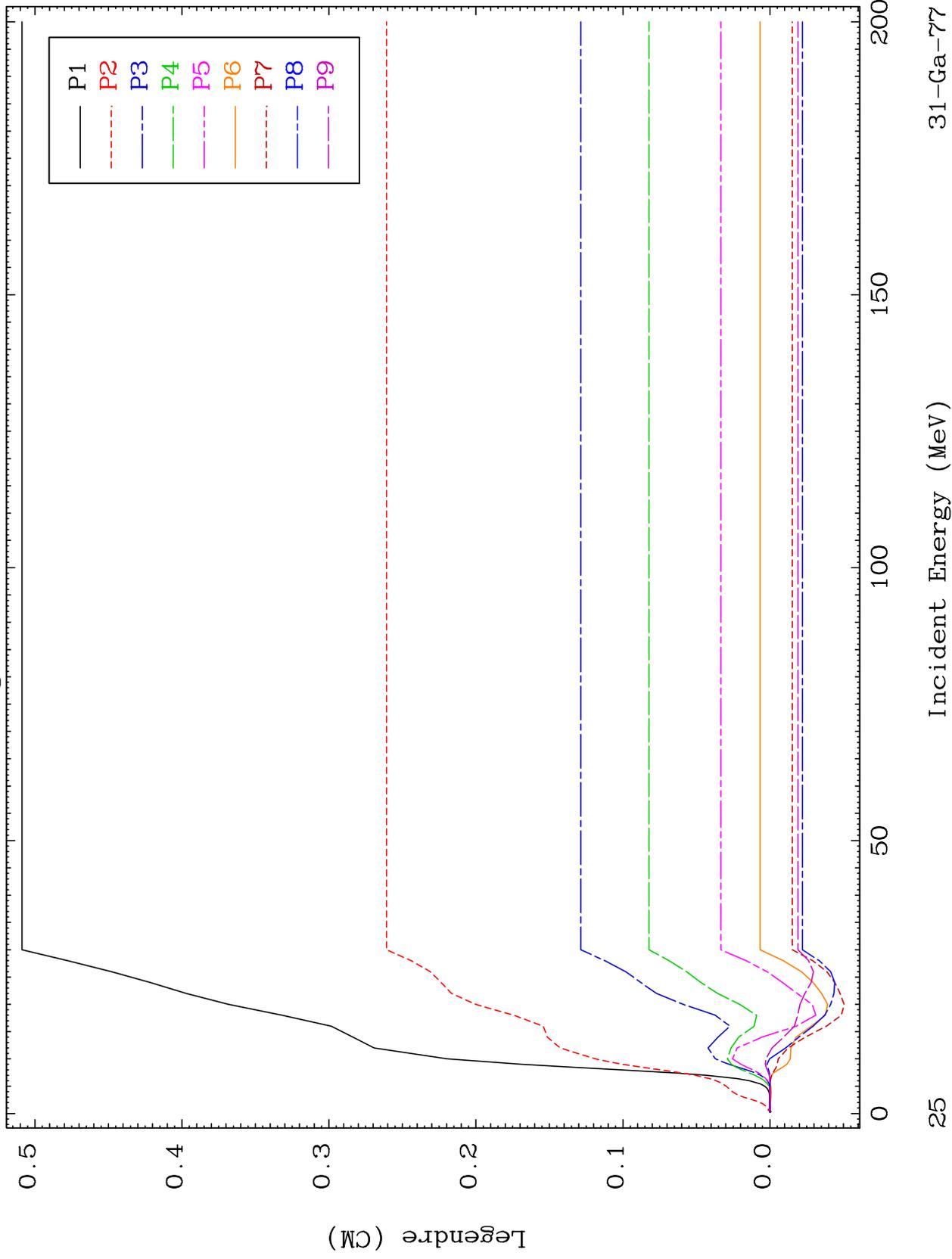
31-Ga-77



MAT 3149

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

31-Ga-77



31-Ga-77

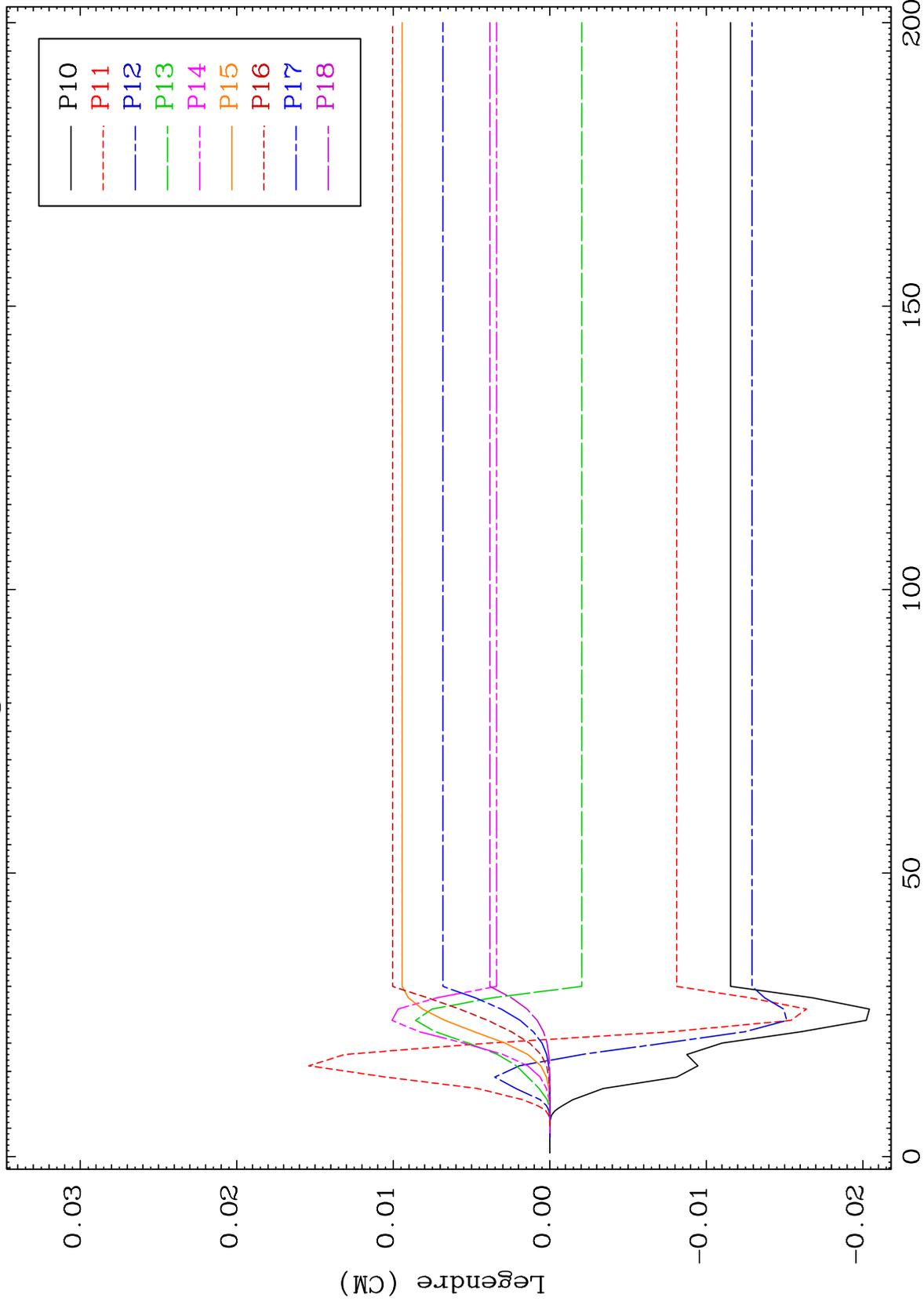
Incident Energy (MeV)

25

MAT 3149

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

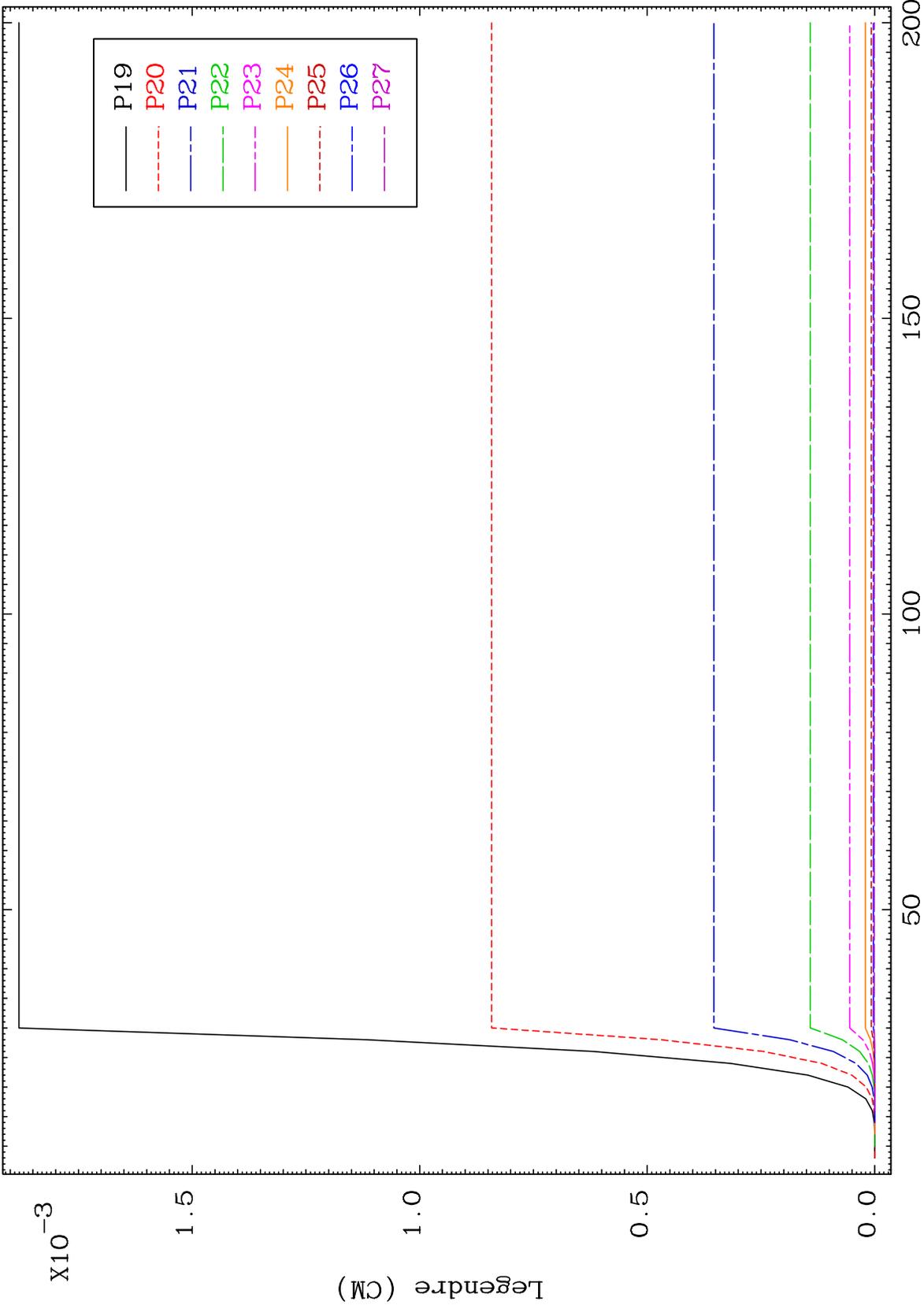
31-Ga-77



26

Incident Energy (MeV)

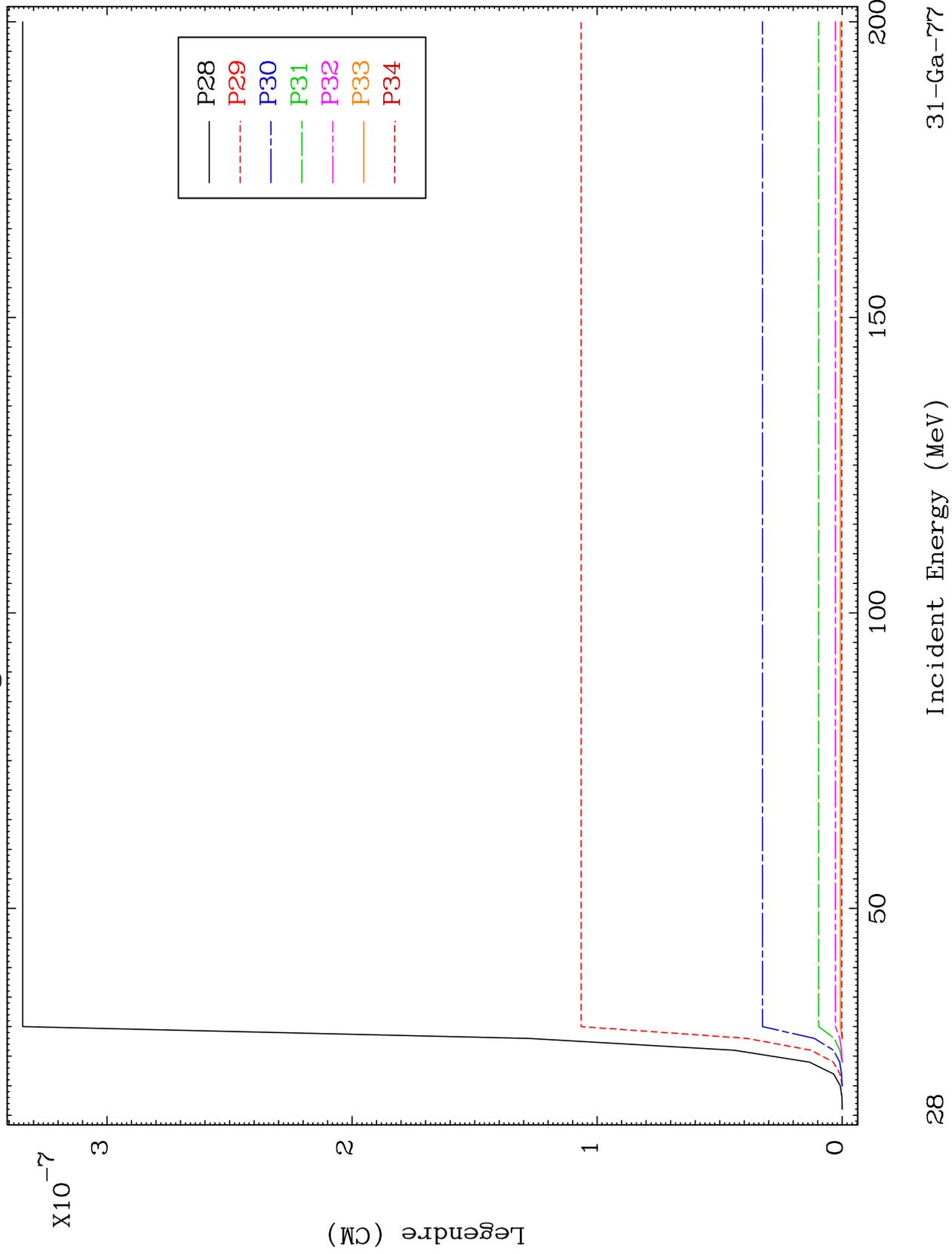
31-Ga-77



MAT 3149

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

31-Ga-77



28

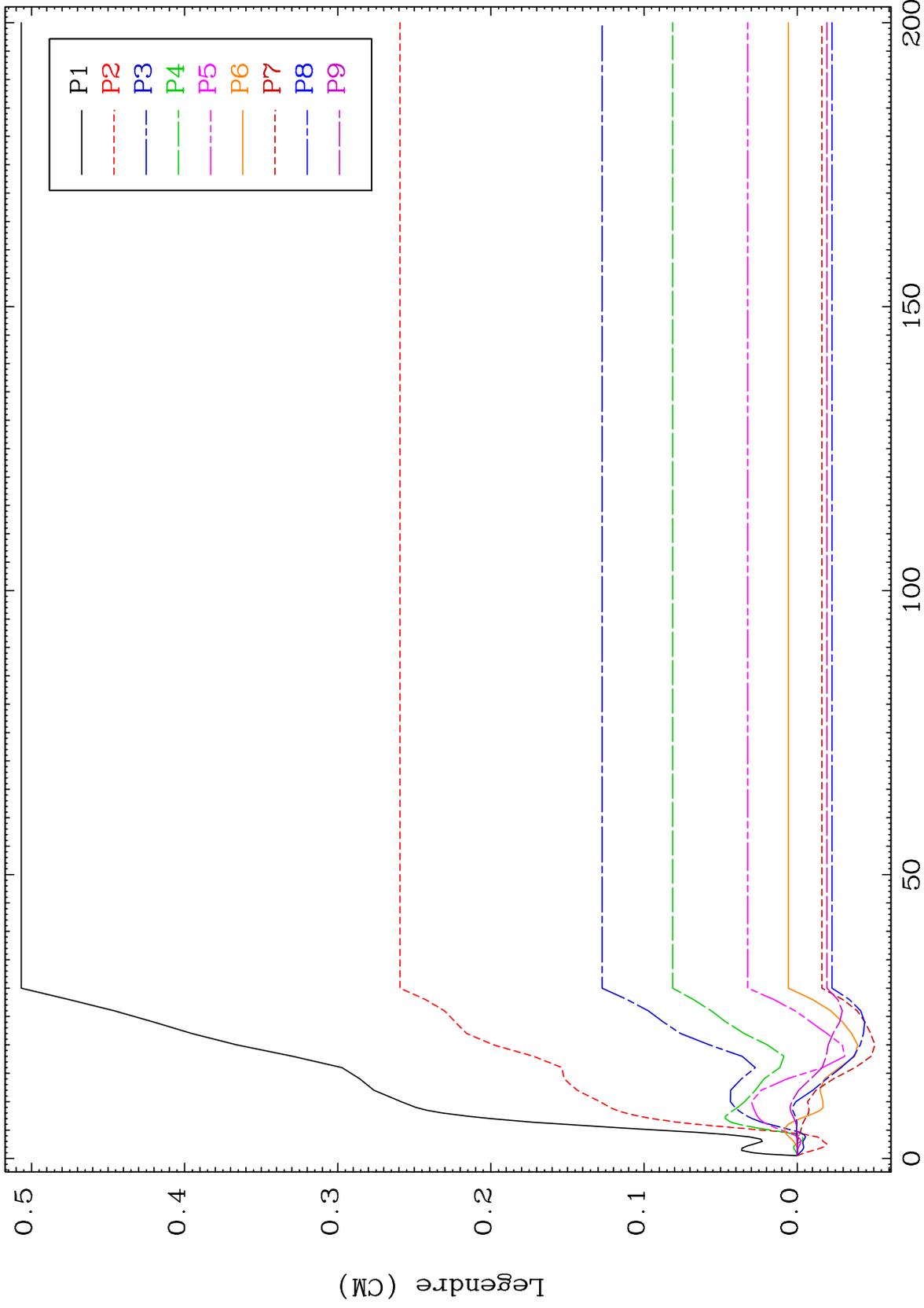
Incident Energy (MeV)

31-Ga-77

MAT 3149

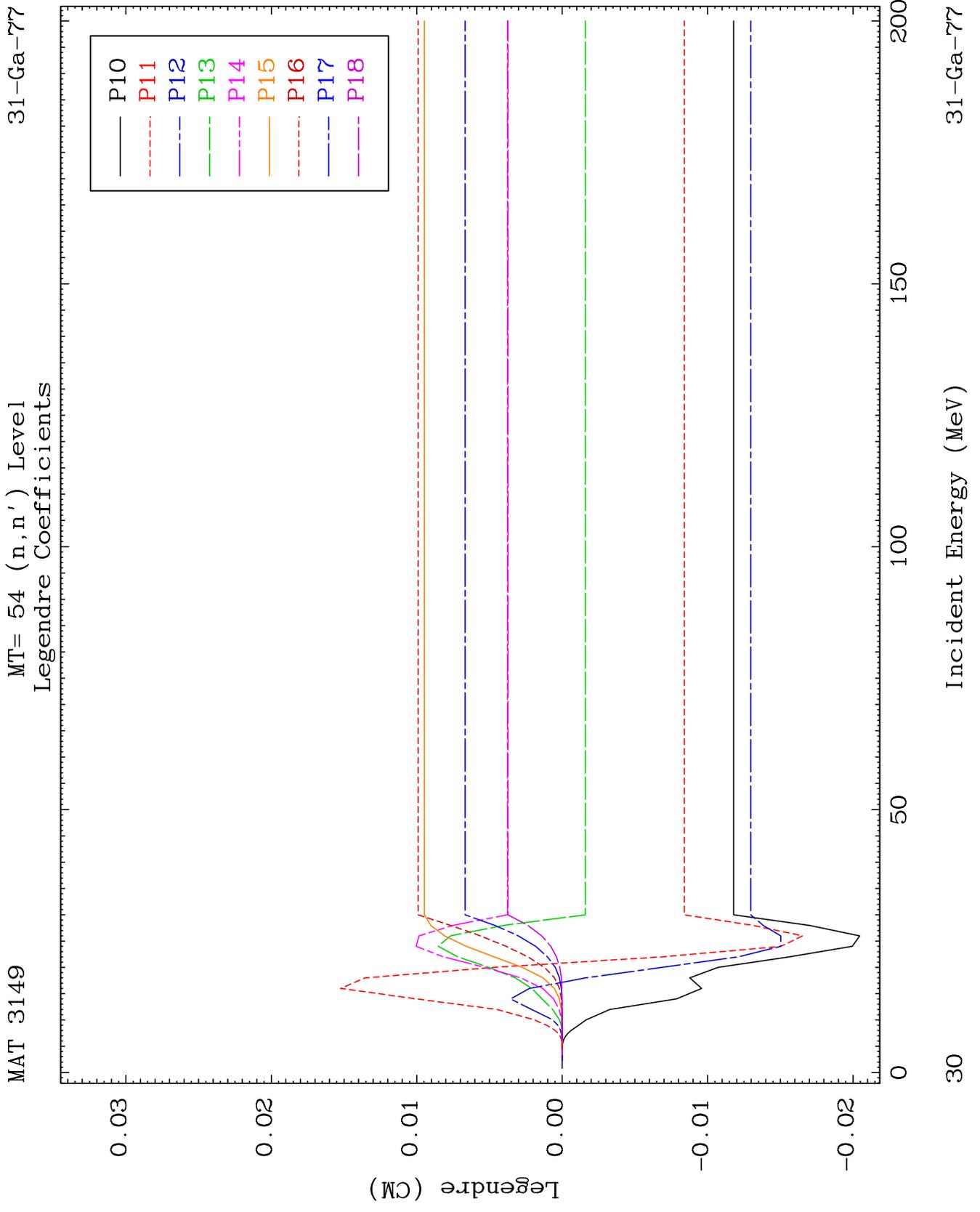
MT= 54 (n,n') Level
Legendre Coefficients

31-Ga-77



29

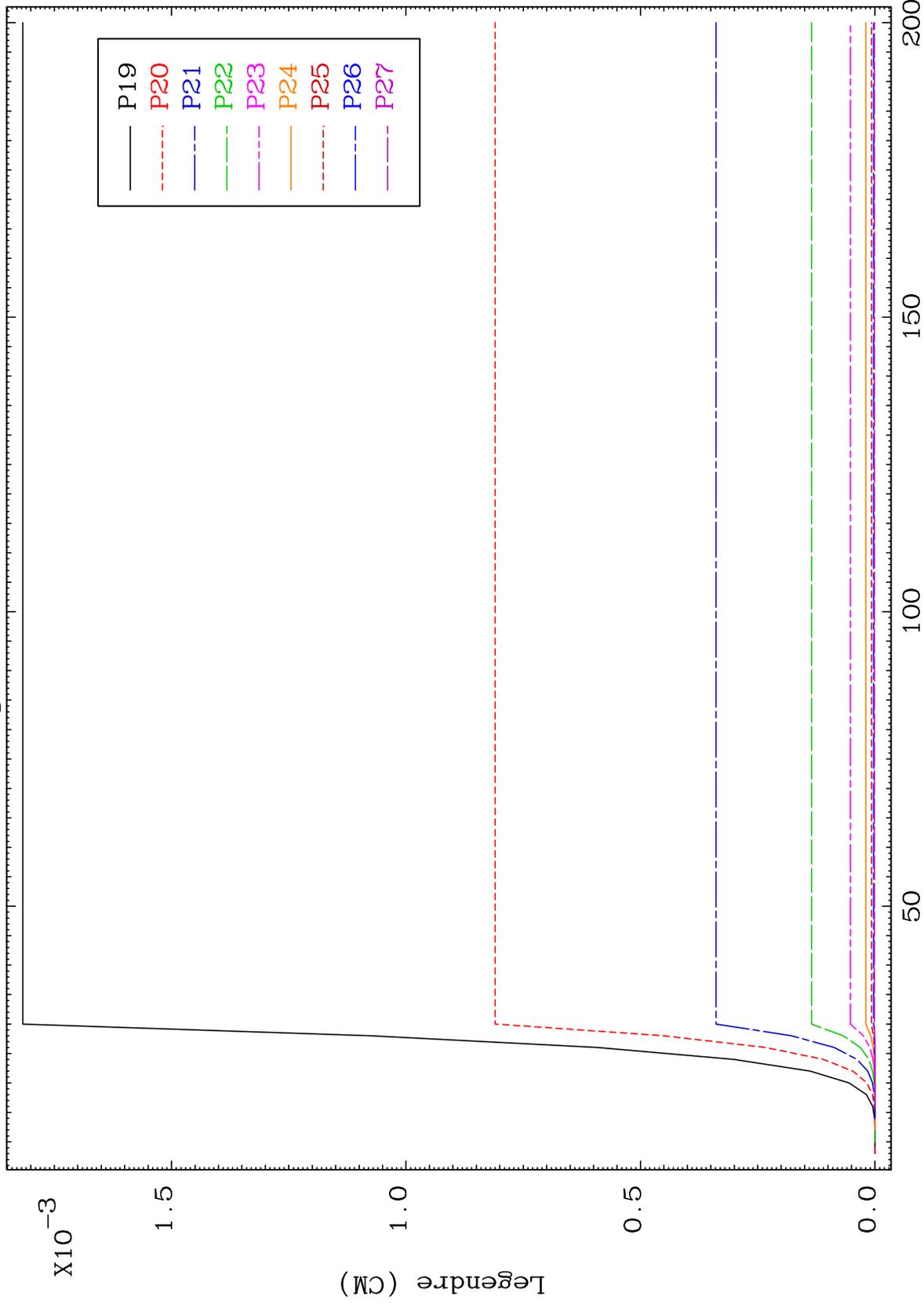
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MAT 3149

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

31-Ga-77



31

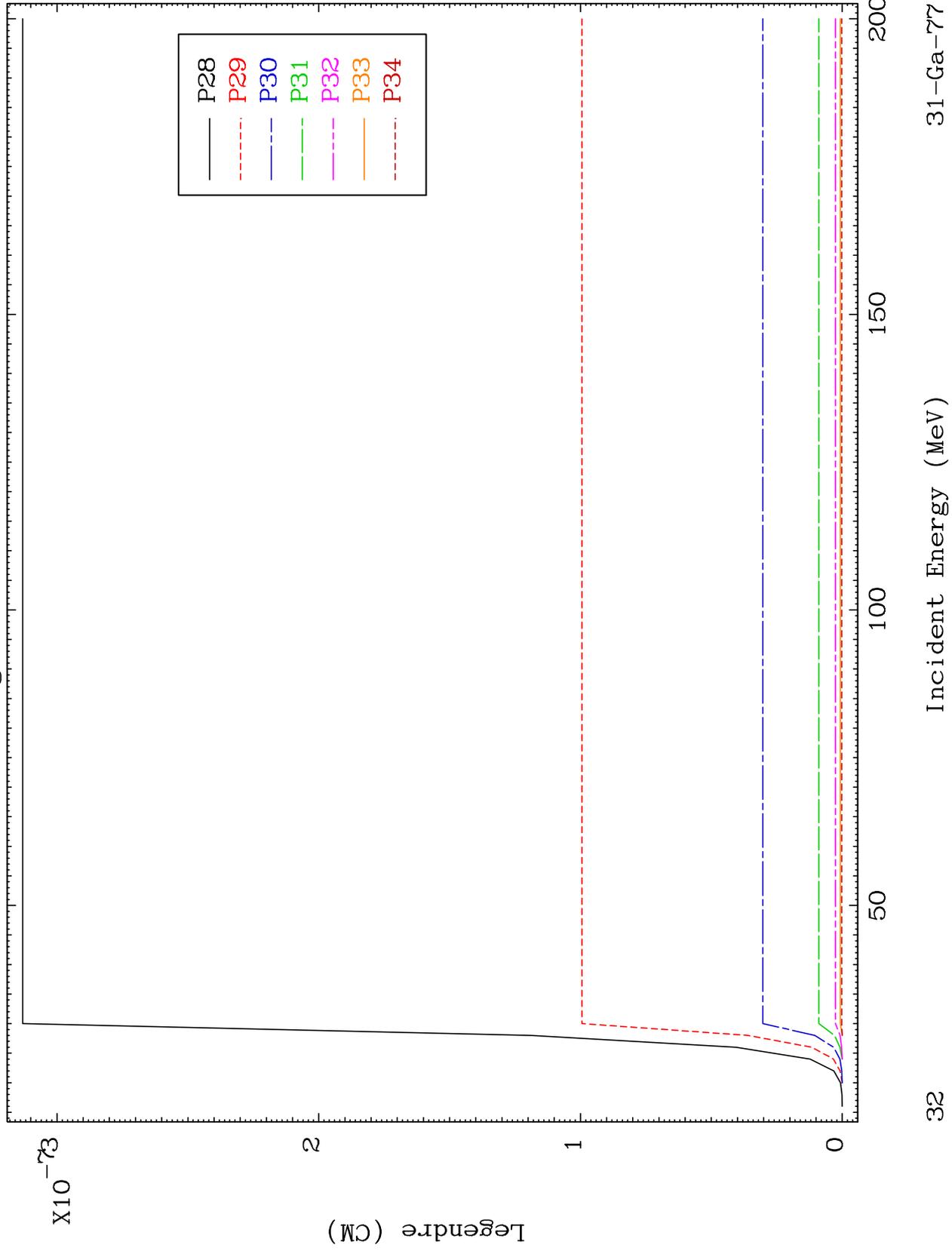
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



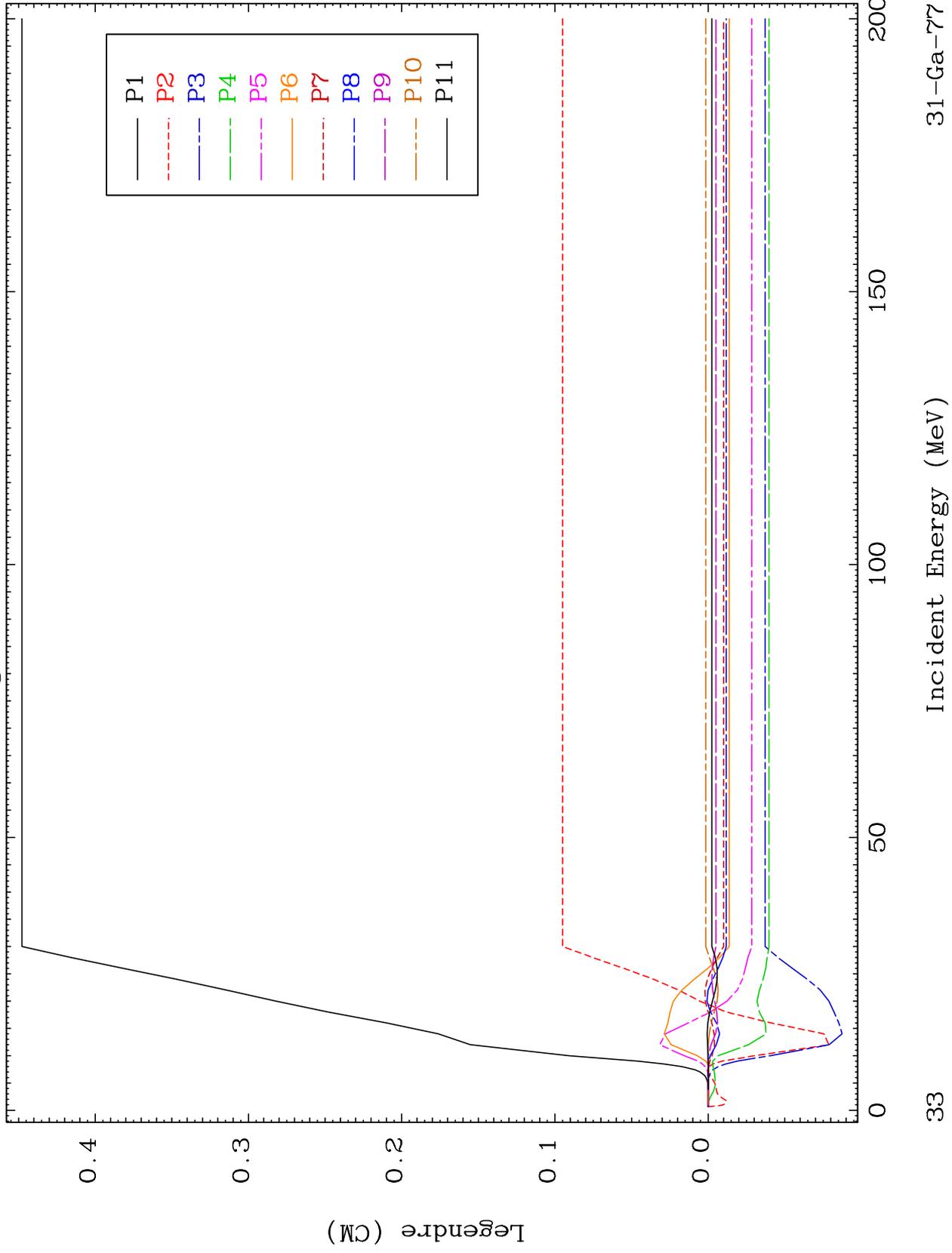
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31-Ga-77

MAT 3149

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

³¹Ga-77

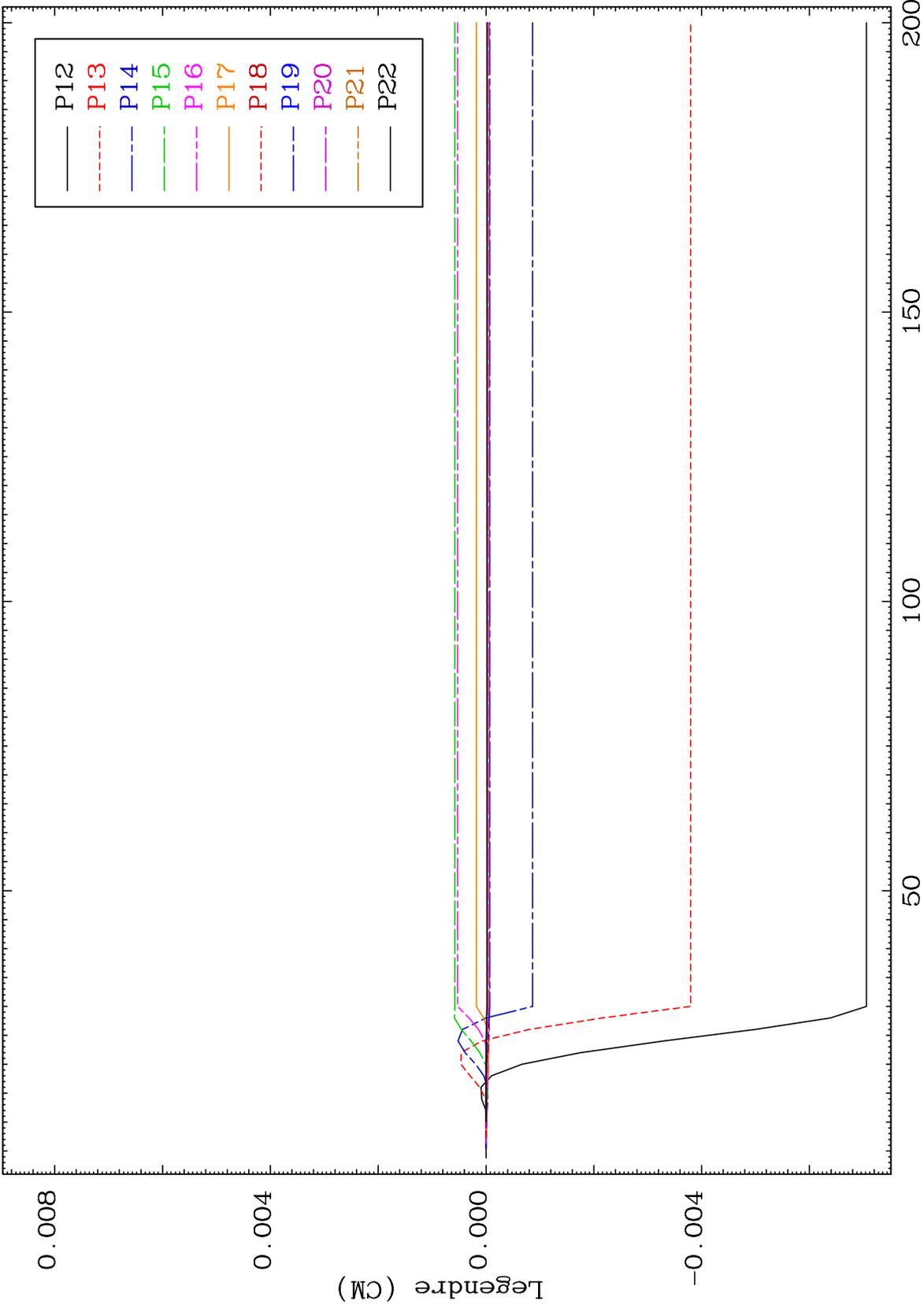


³¹Ga-77

MAT 3149

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

31-Ga-77



34

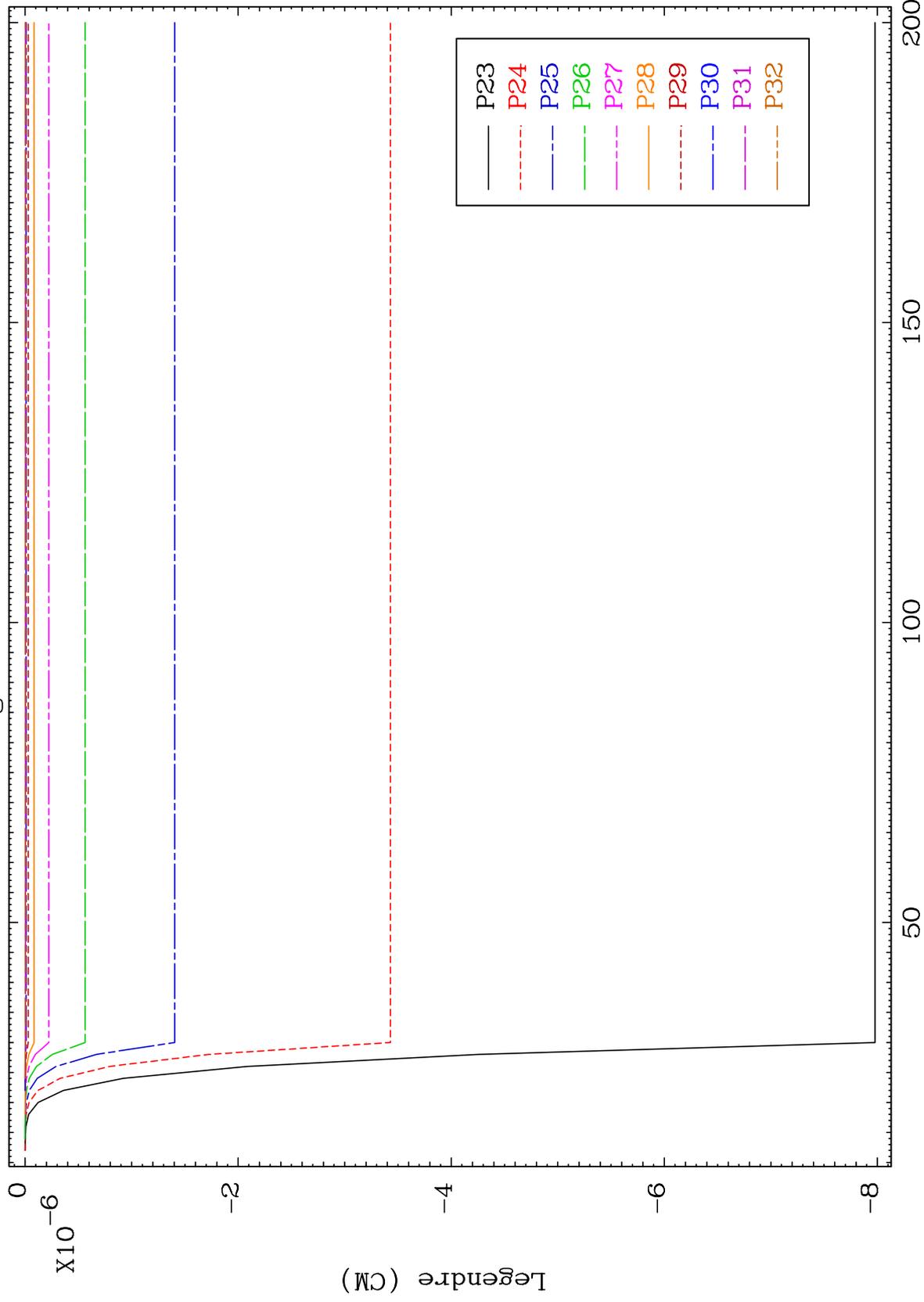
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



35

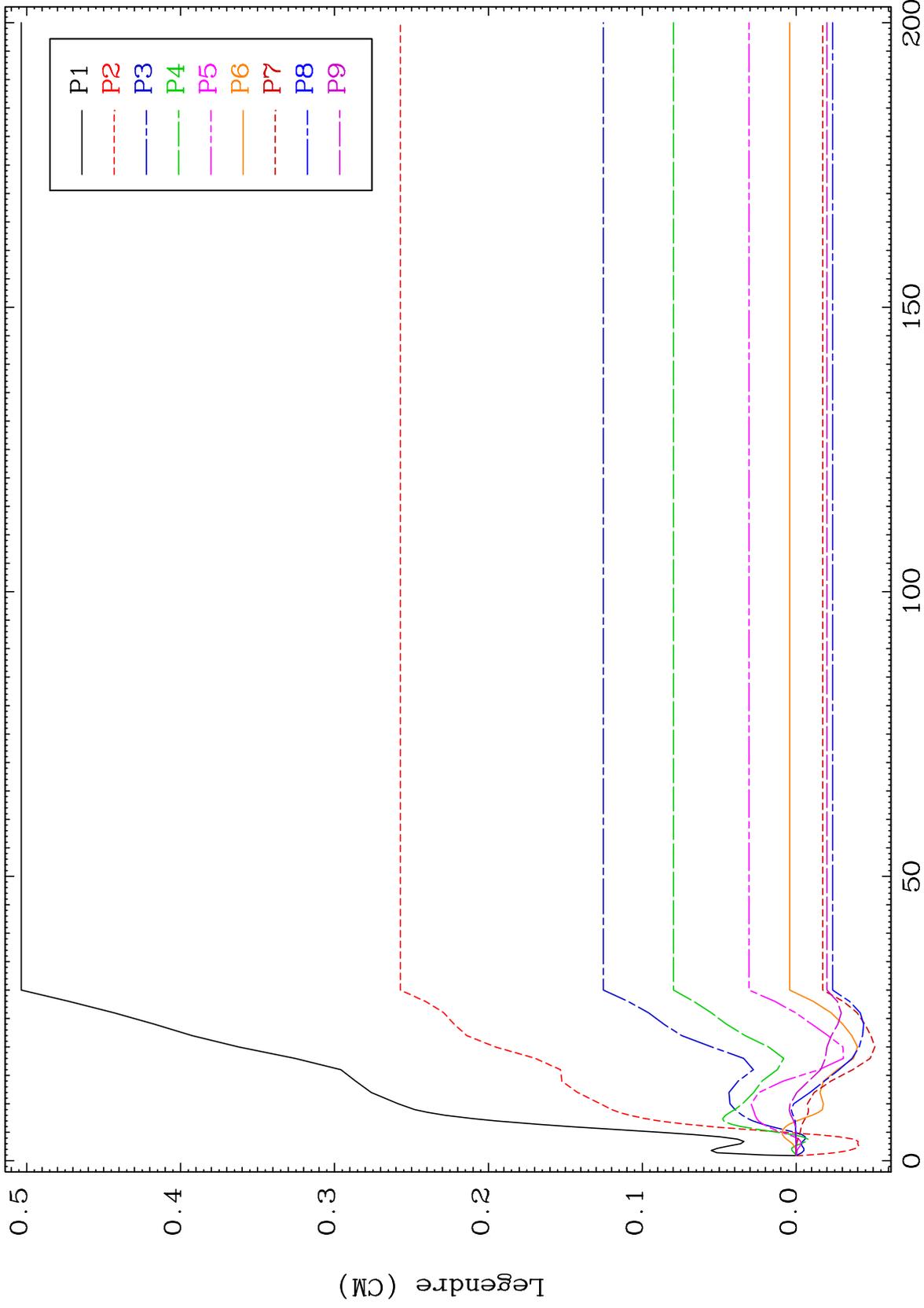
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



36

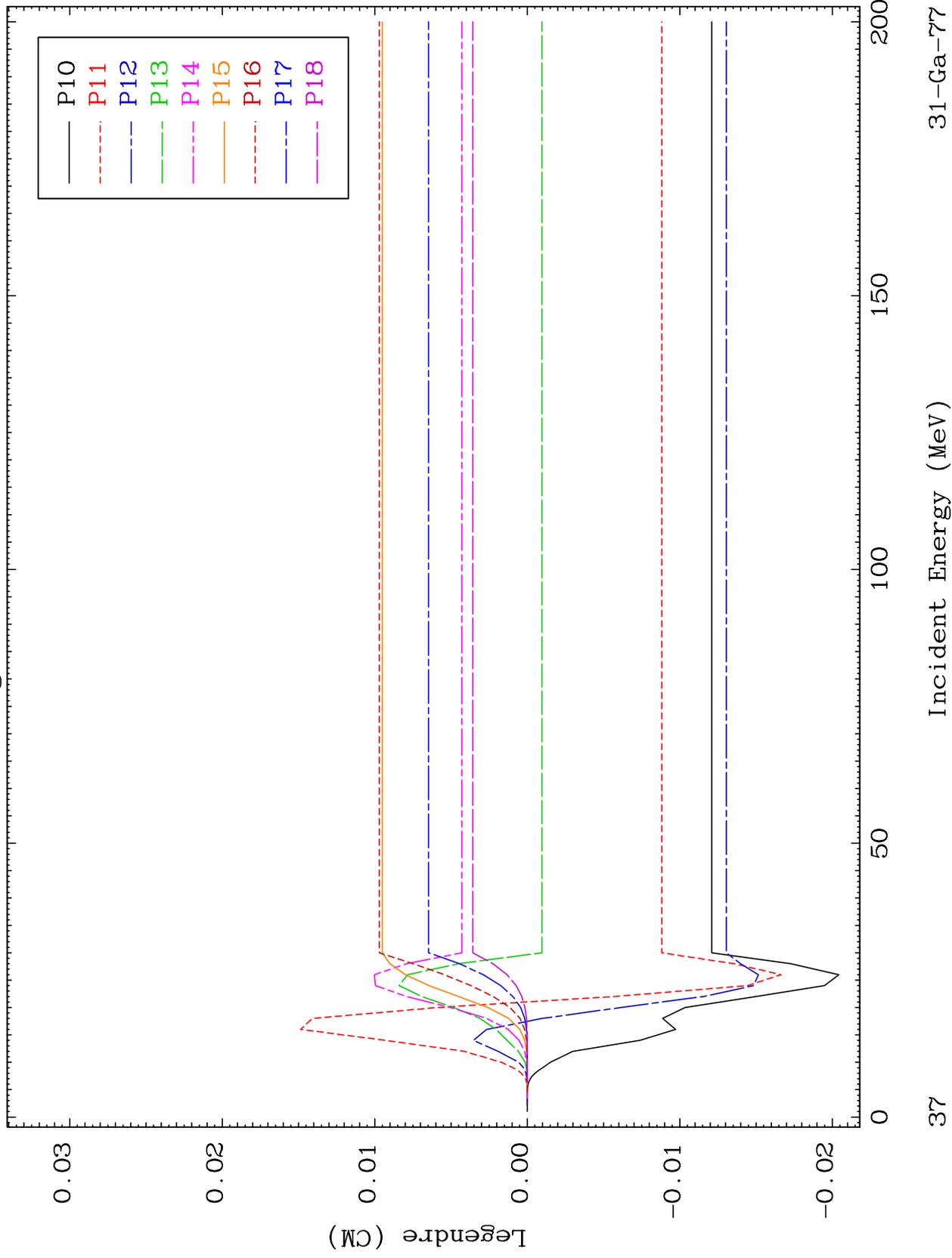
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

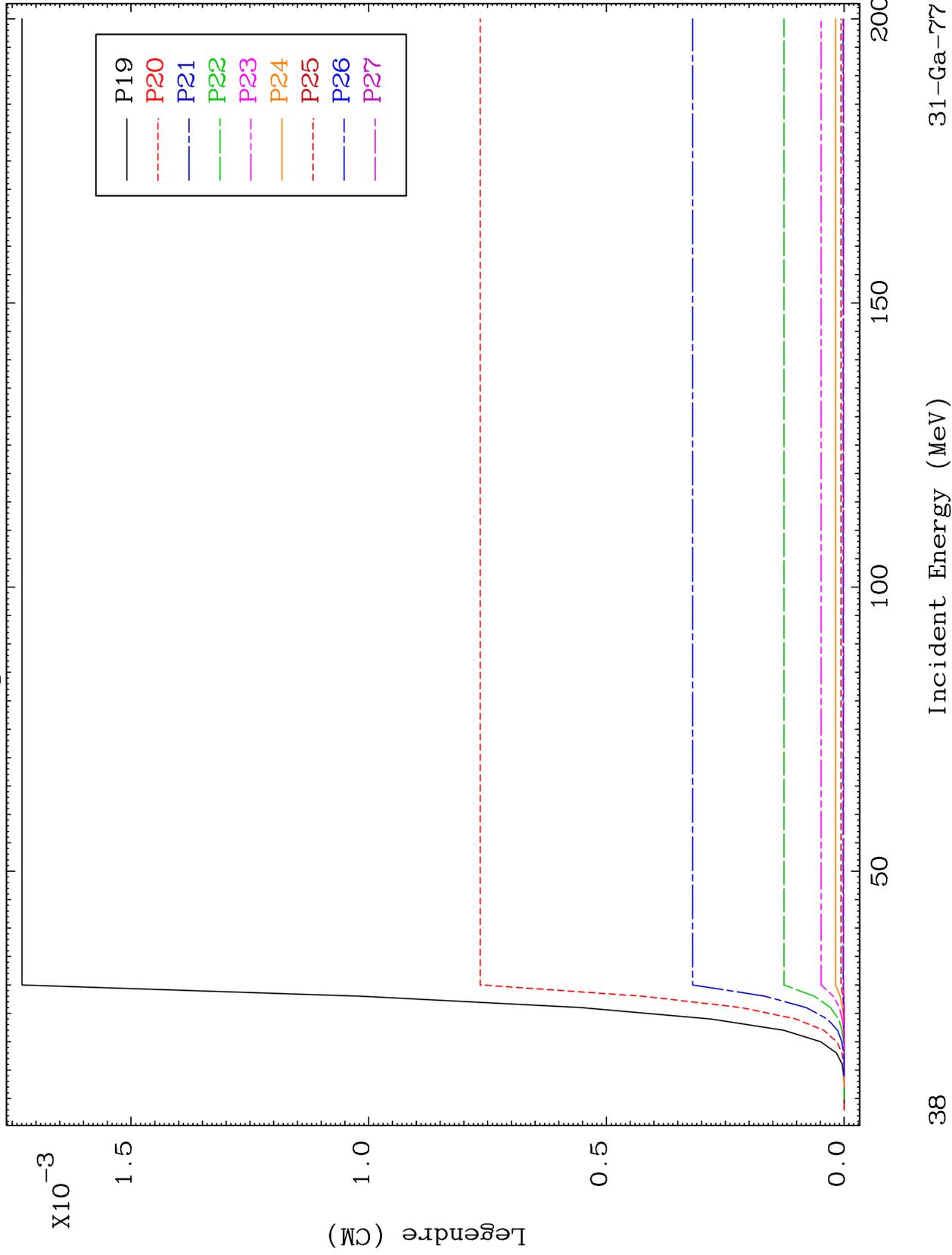
Incident Energy (MeV)

37

MAT 3149

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

³¹Ga-77



38

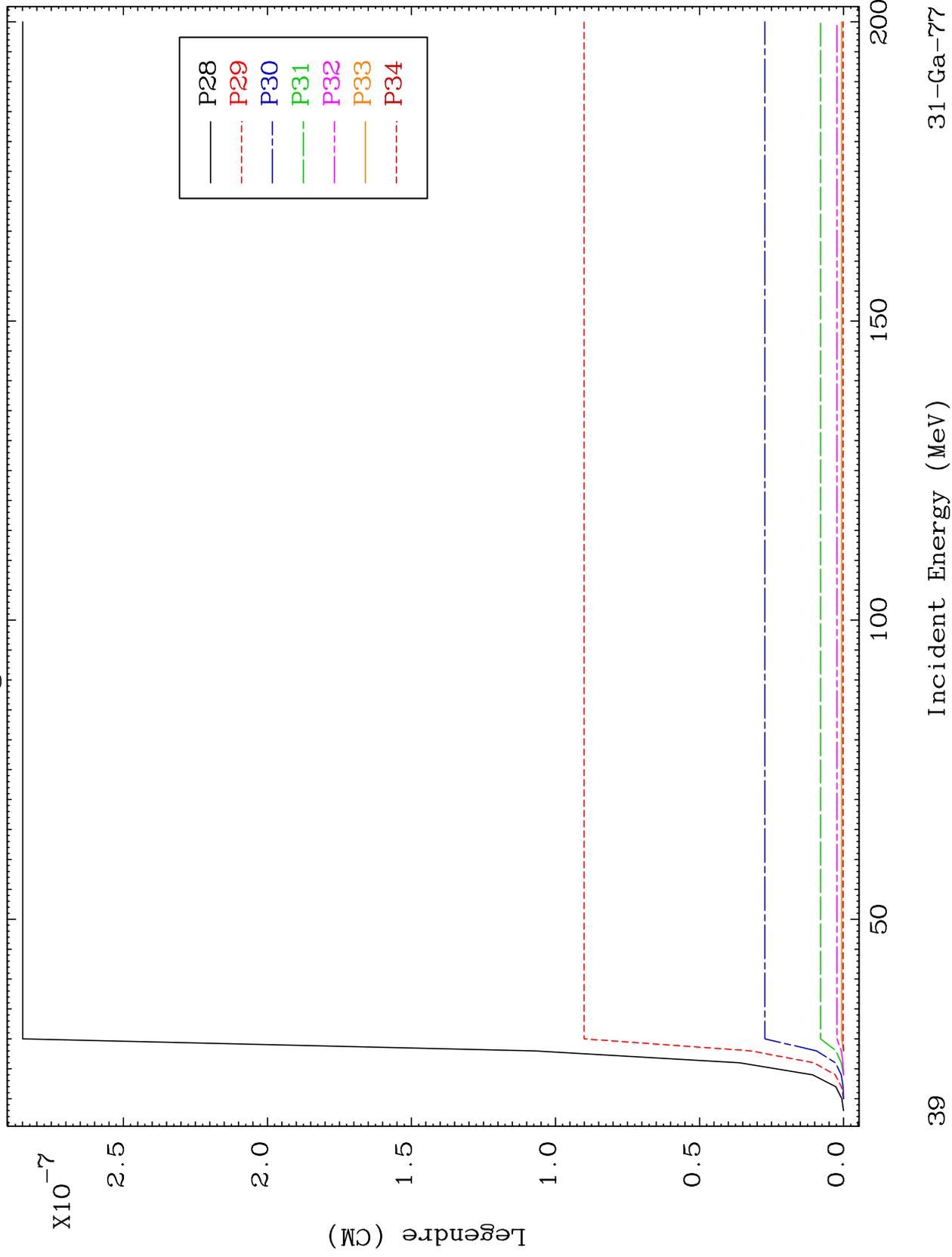
Incident Energy (MeV)

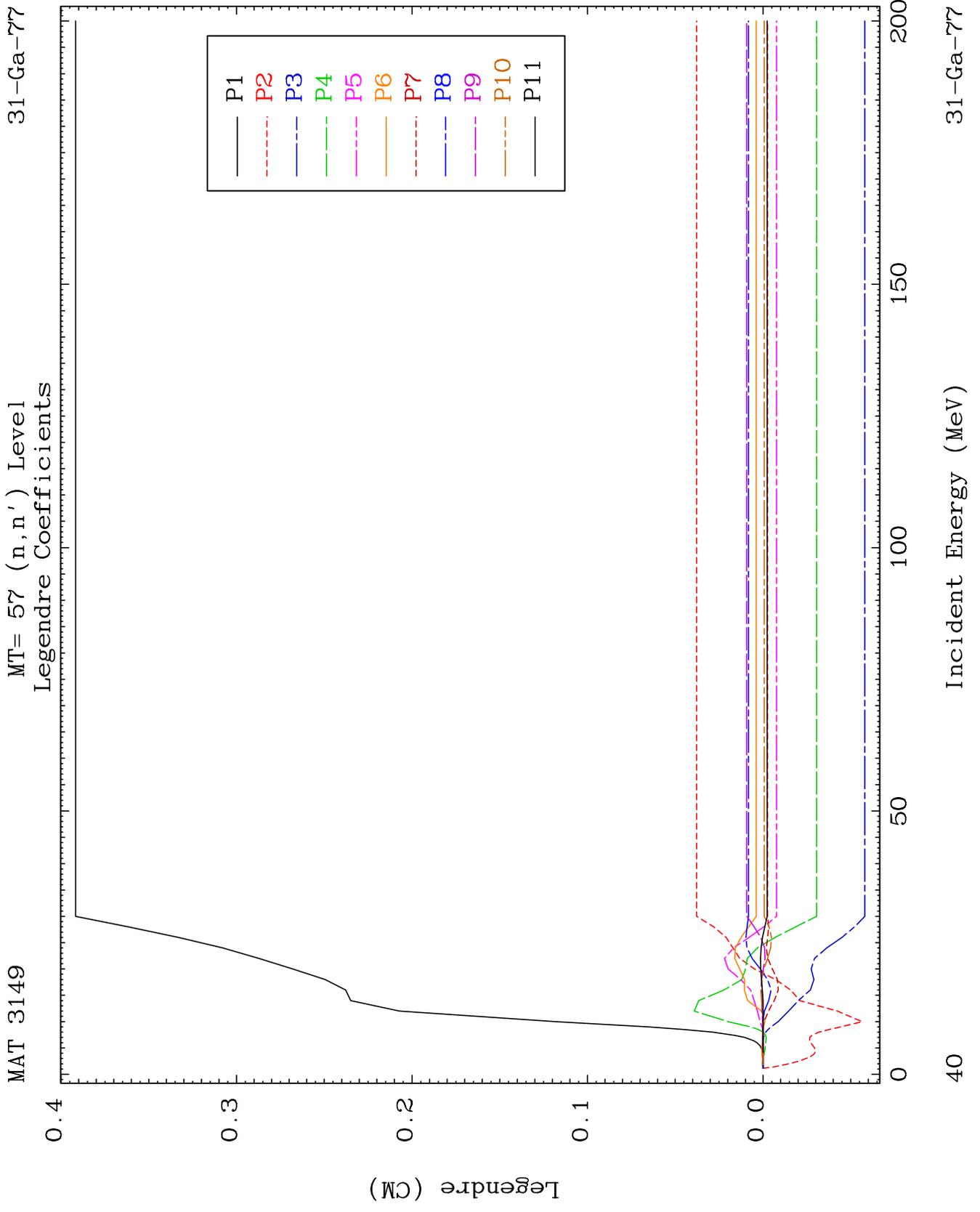
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MAT 3149

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

31-Ga-77

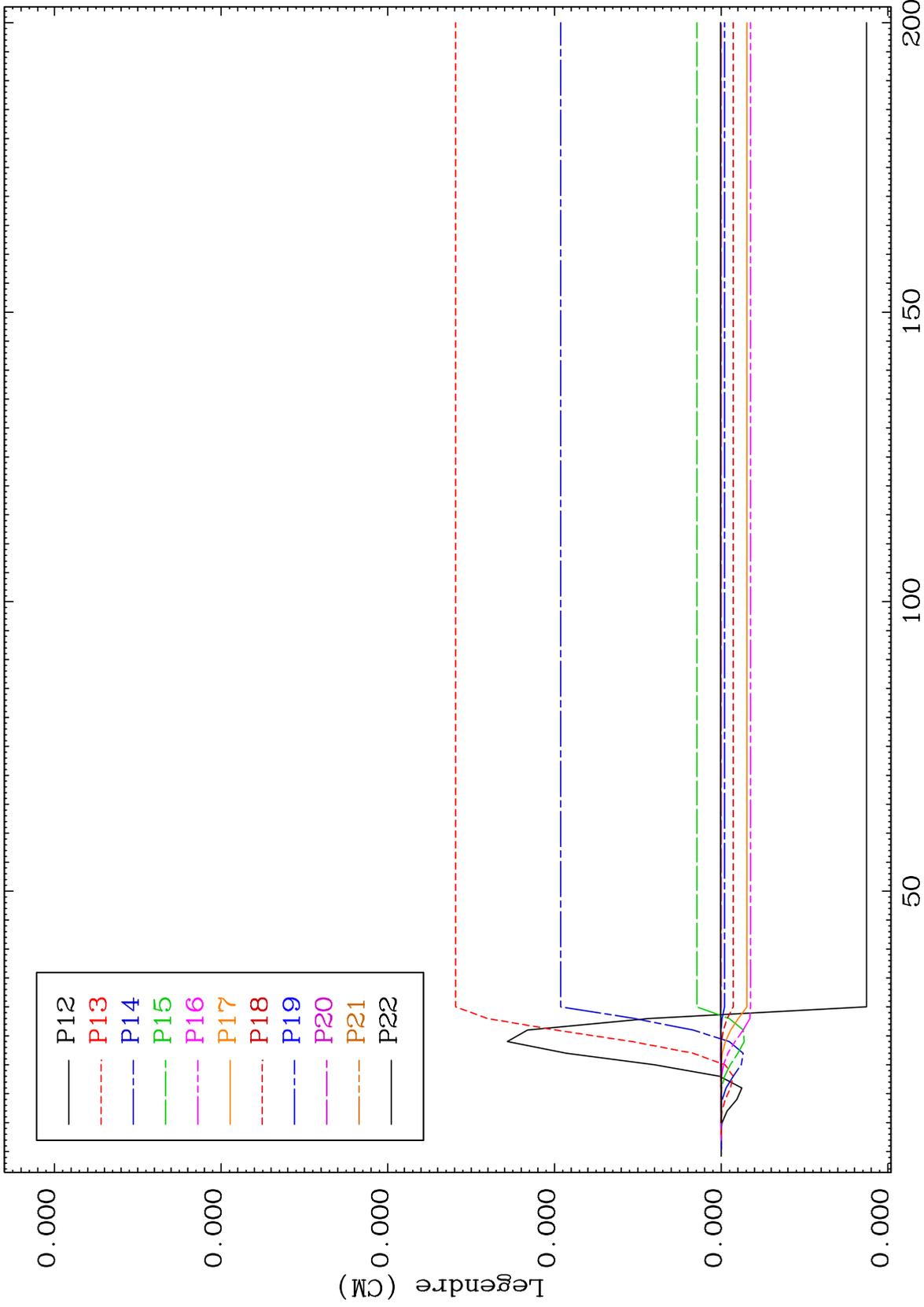




MAT 3149

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

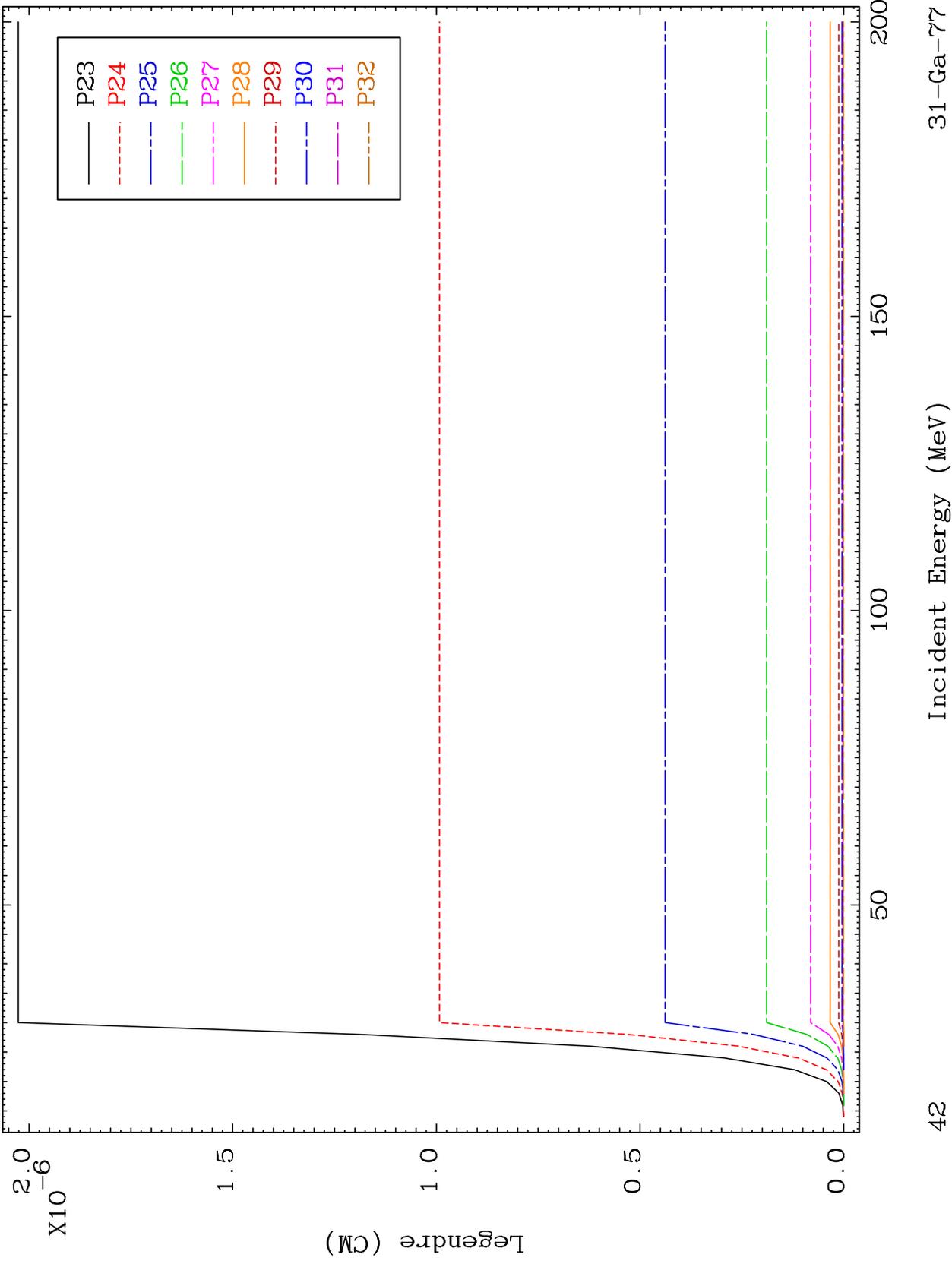
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MAT 3149

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

³¹Ga-77



42

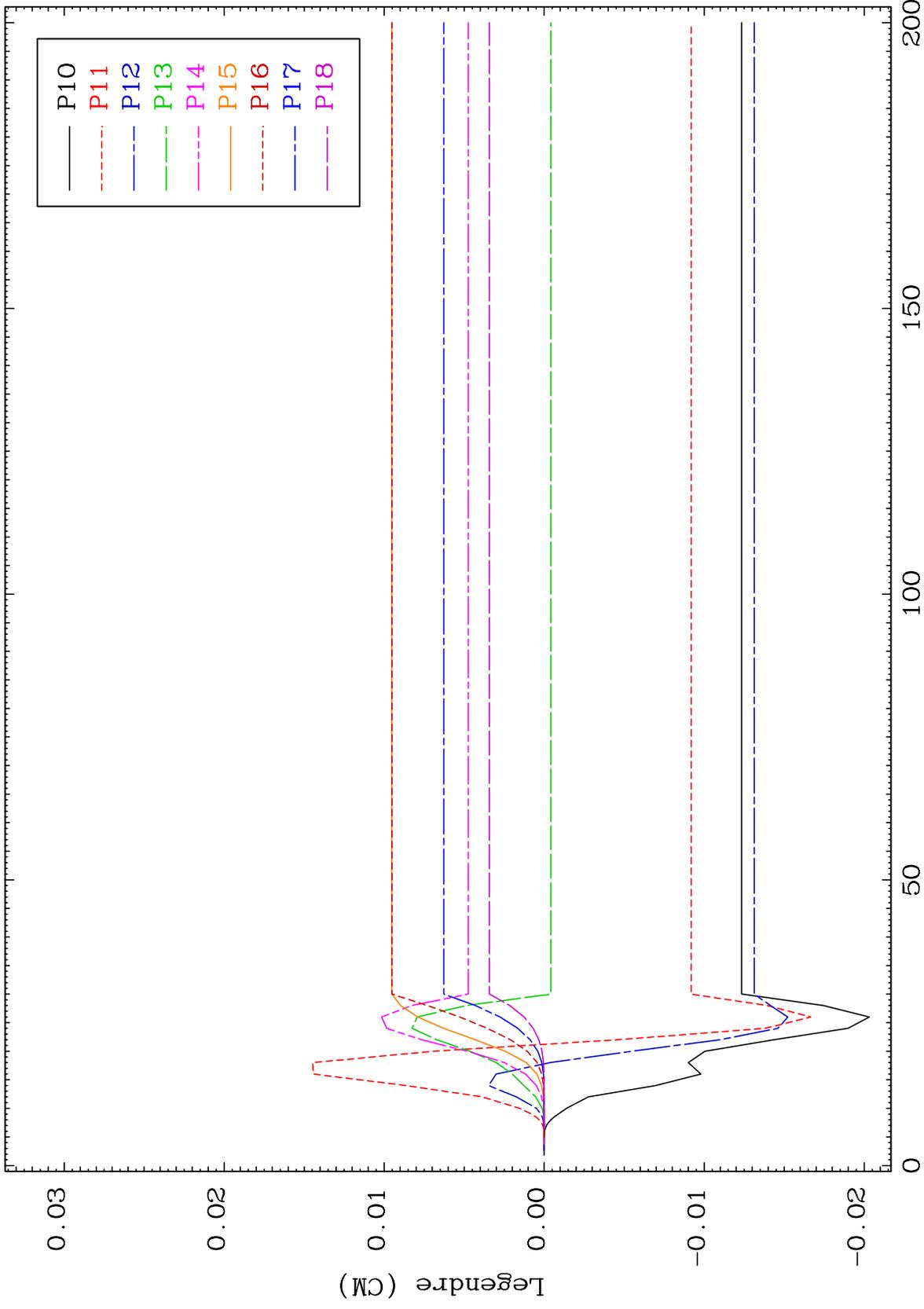
Incident Energy (MeV)

³¹Ga-77

MAT 3149

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

³¹Ga-77



44

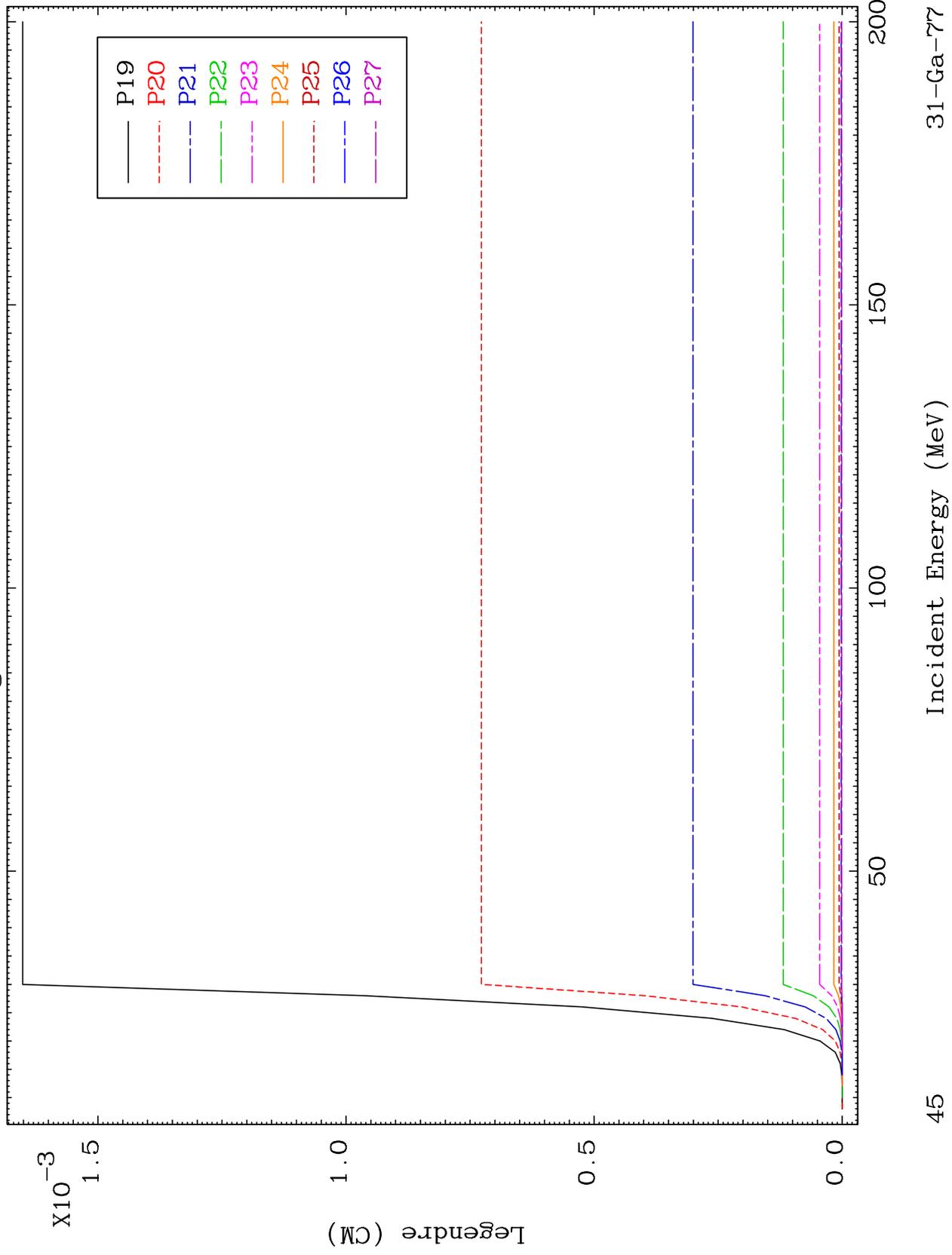
Incident Energy (MeV)

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MAT 3149

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

31-Ga-77



45

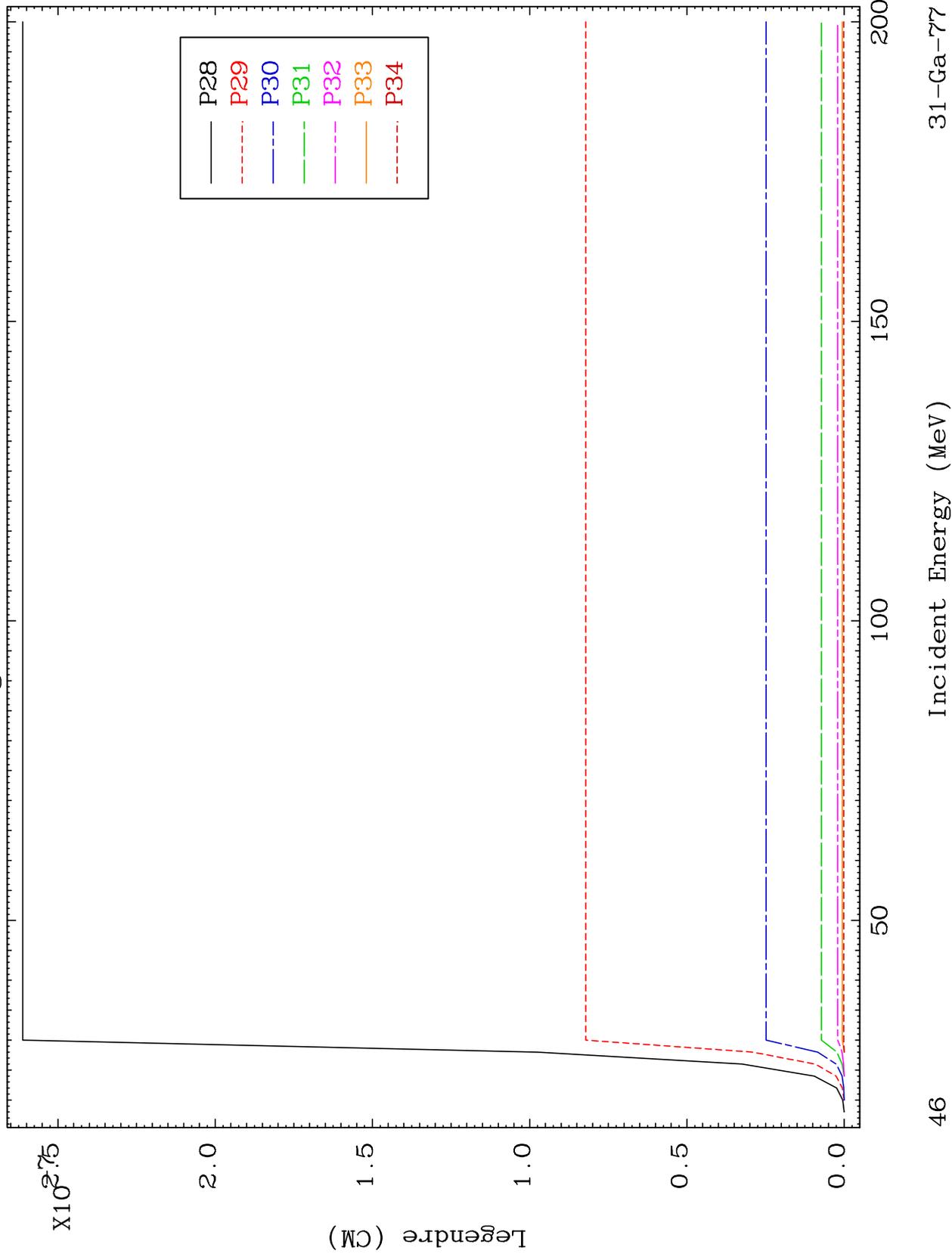
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



46

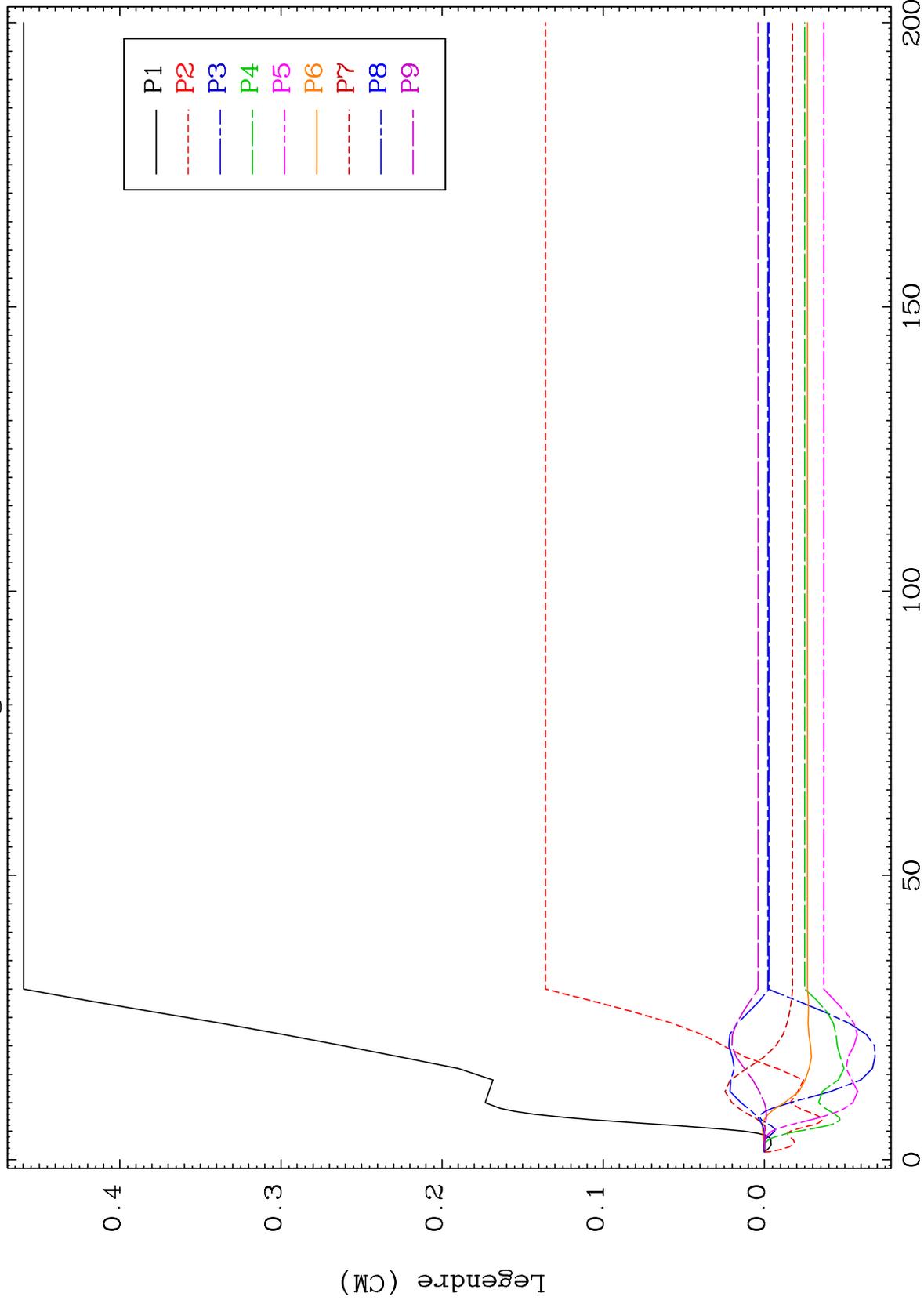
Incident Energy (MeV)

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MAT 3149

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

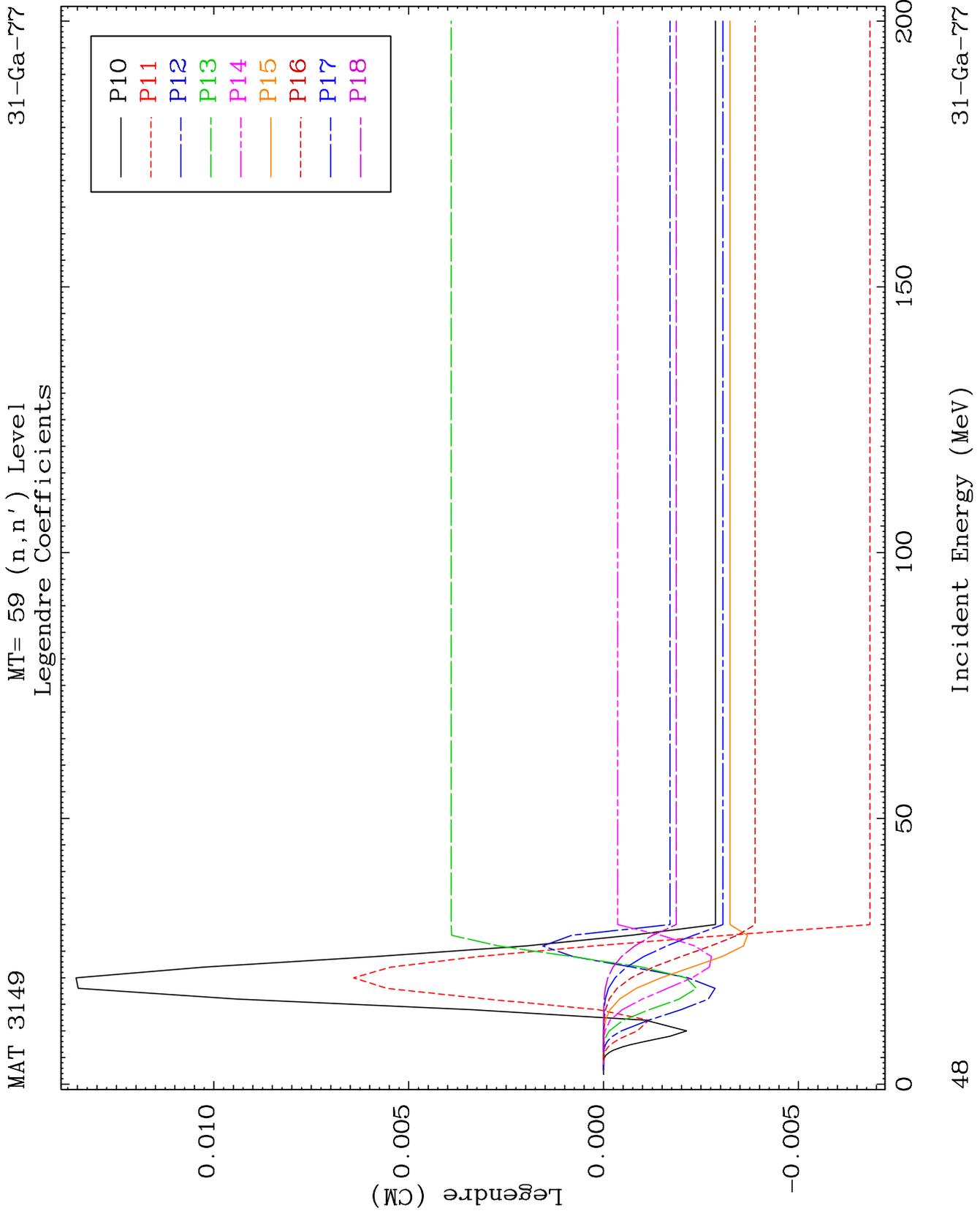
31-Ga-77



47

Incident Energy (MeV)

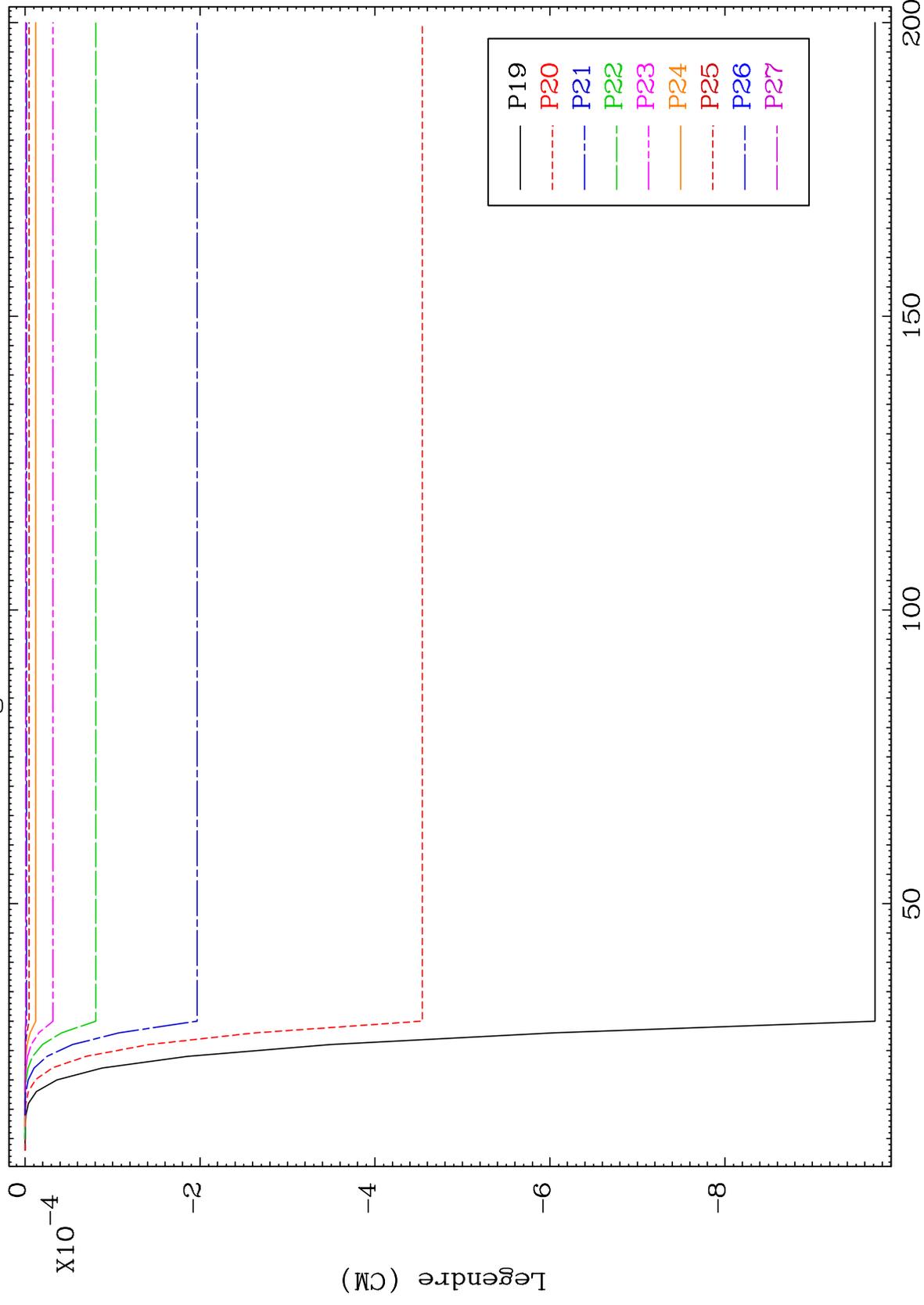
31-Ga-77



MAT 3149

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

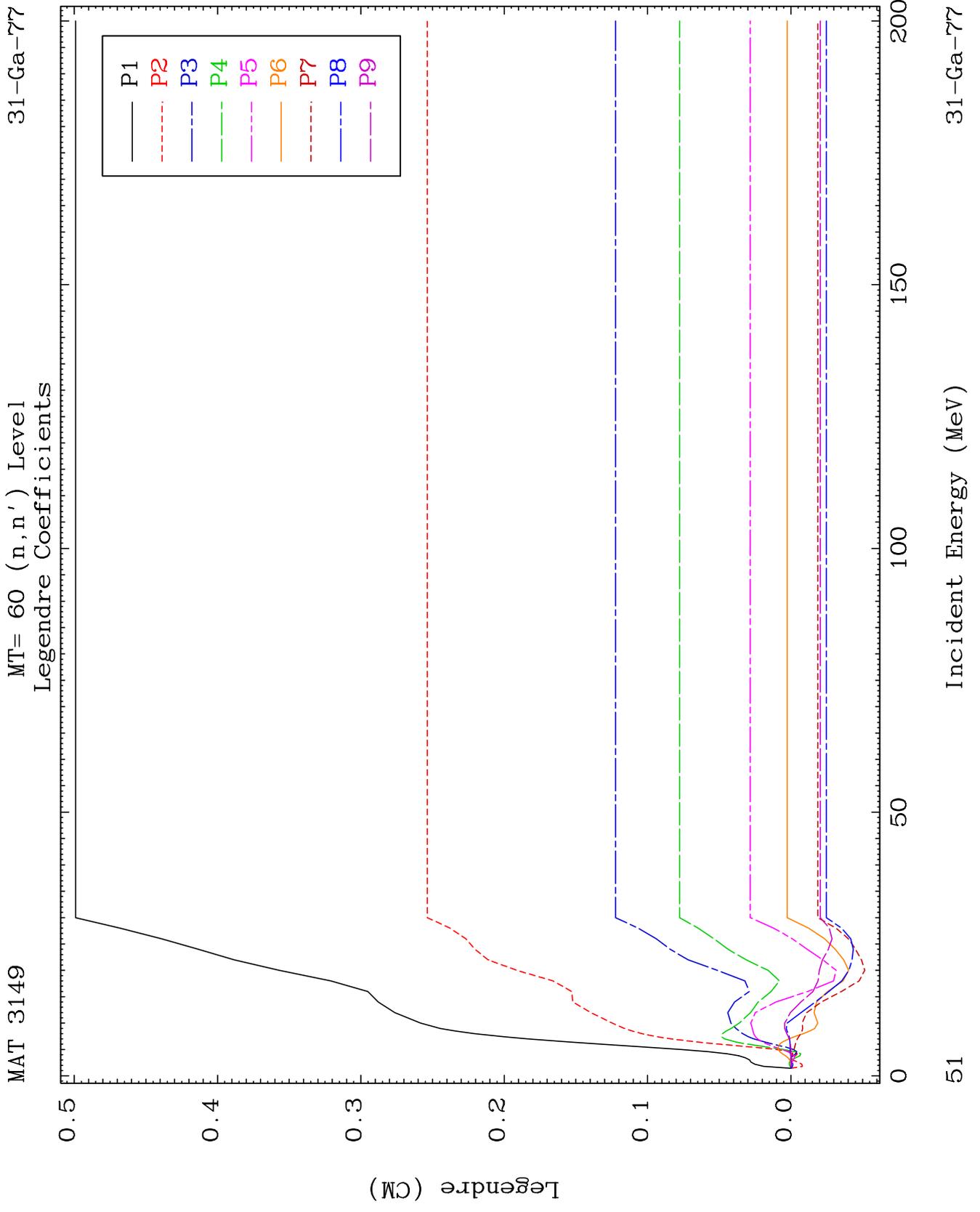
31-Ga-77



49

Incident Energy (MeV)

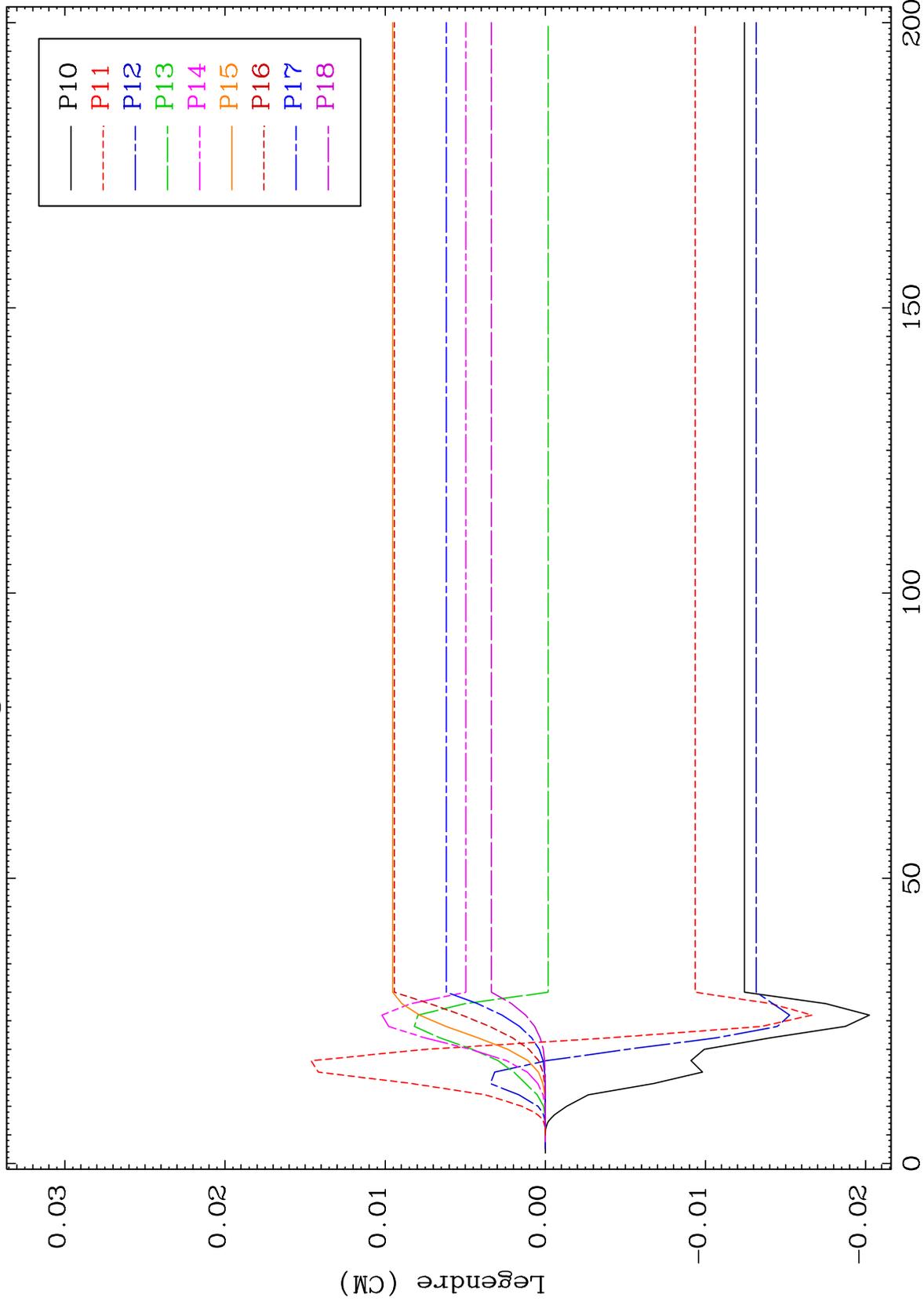
31-Ga-77



MAT 3149

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

³¹Ga-77



52

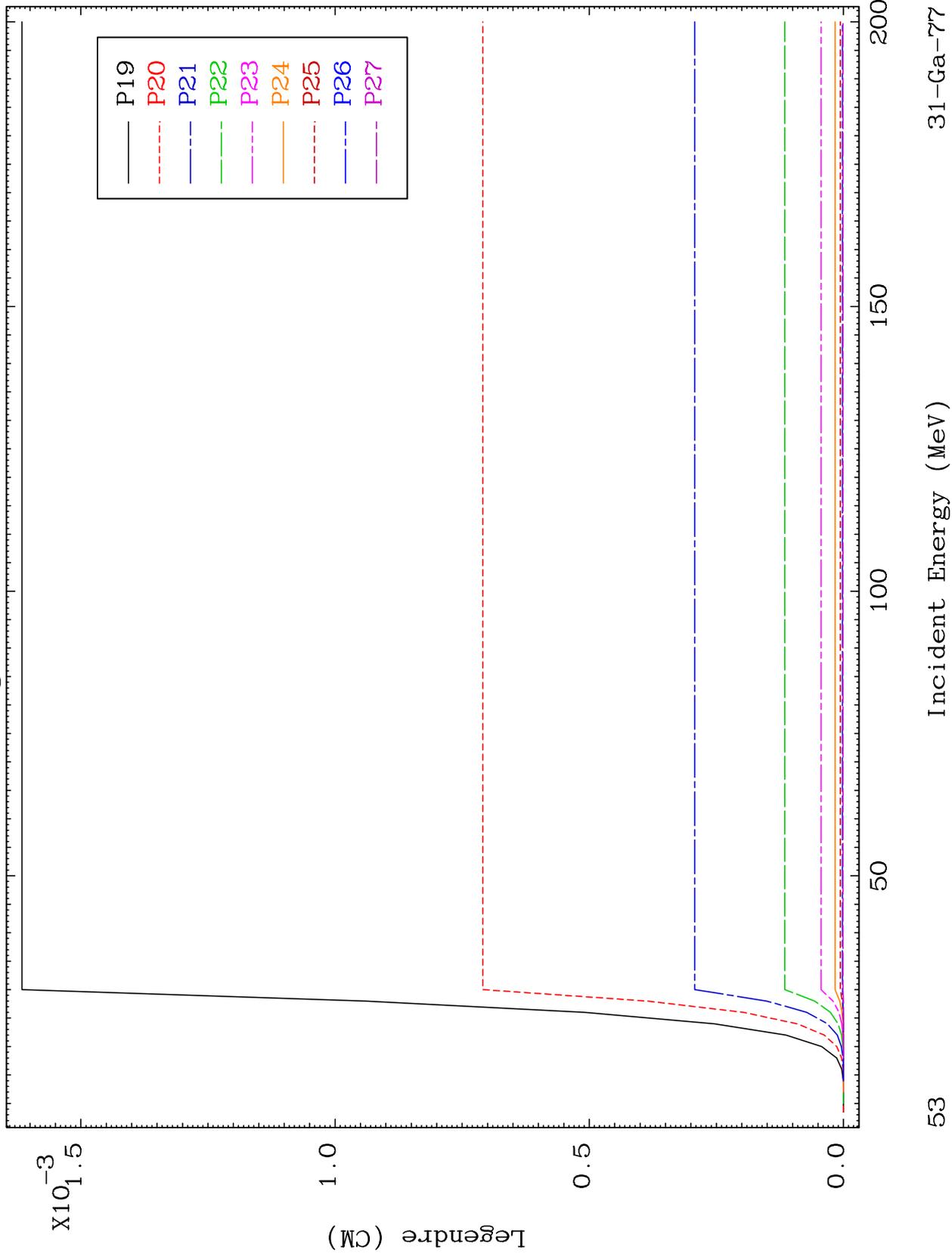
Incident Energy (MeV)

³¹Ga-77

MAT 3149

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

31-Ga-77



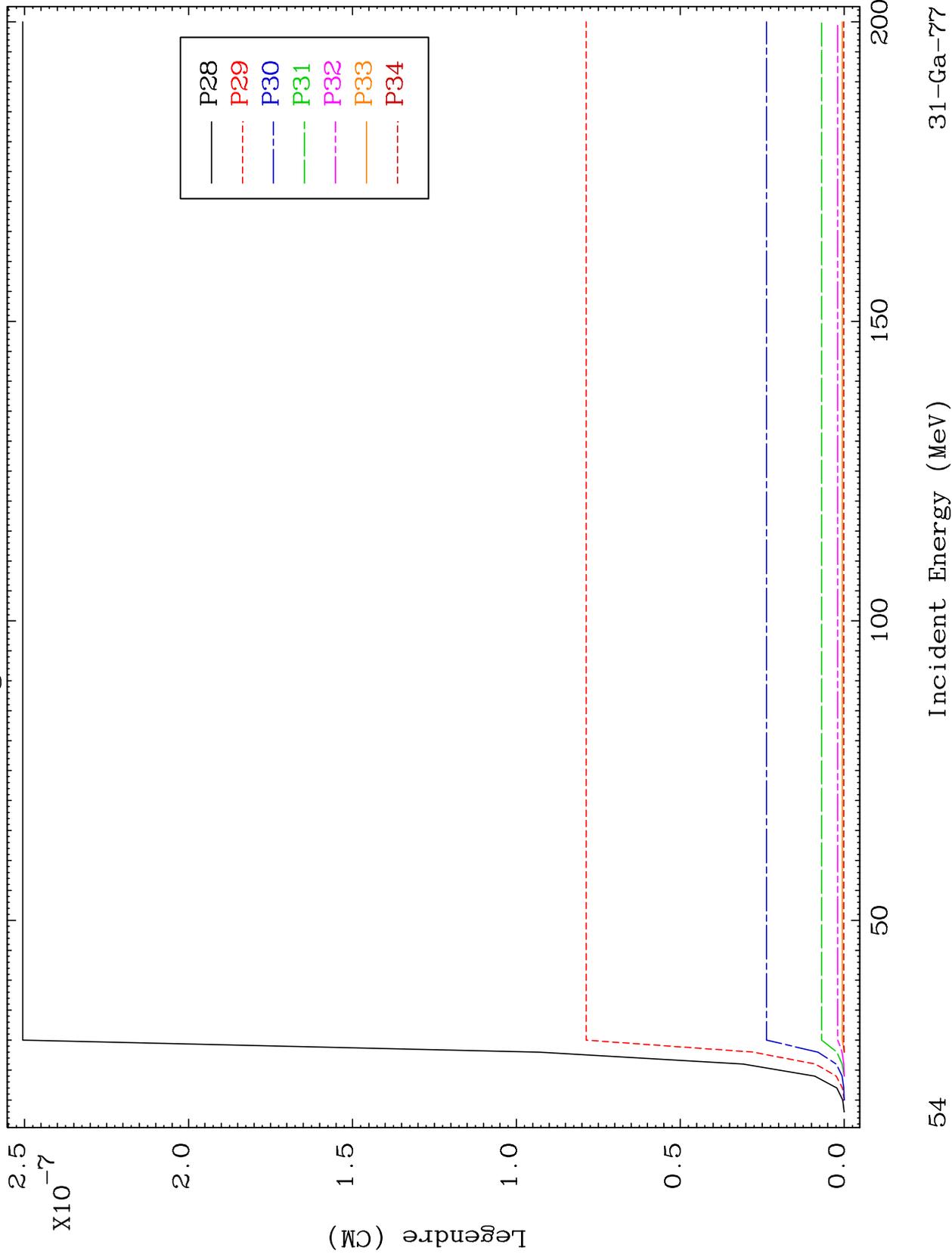
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31-Ga-77

MAT 3149

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

31-Ga-77



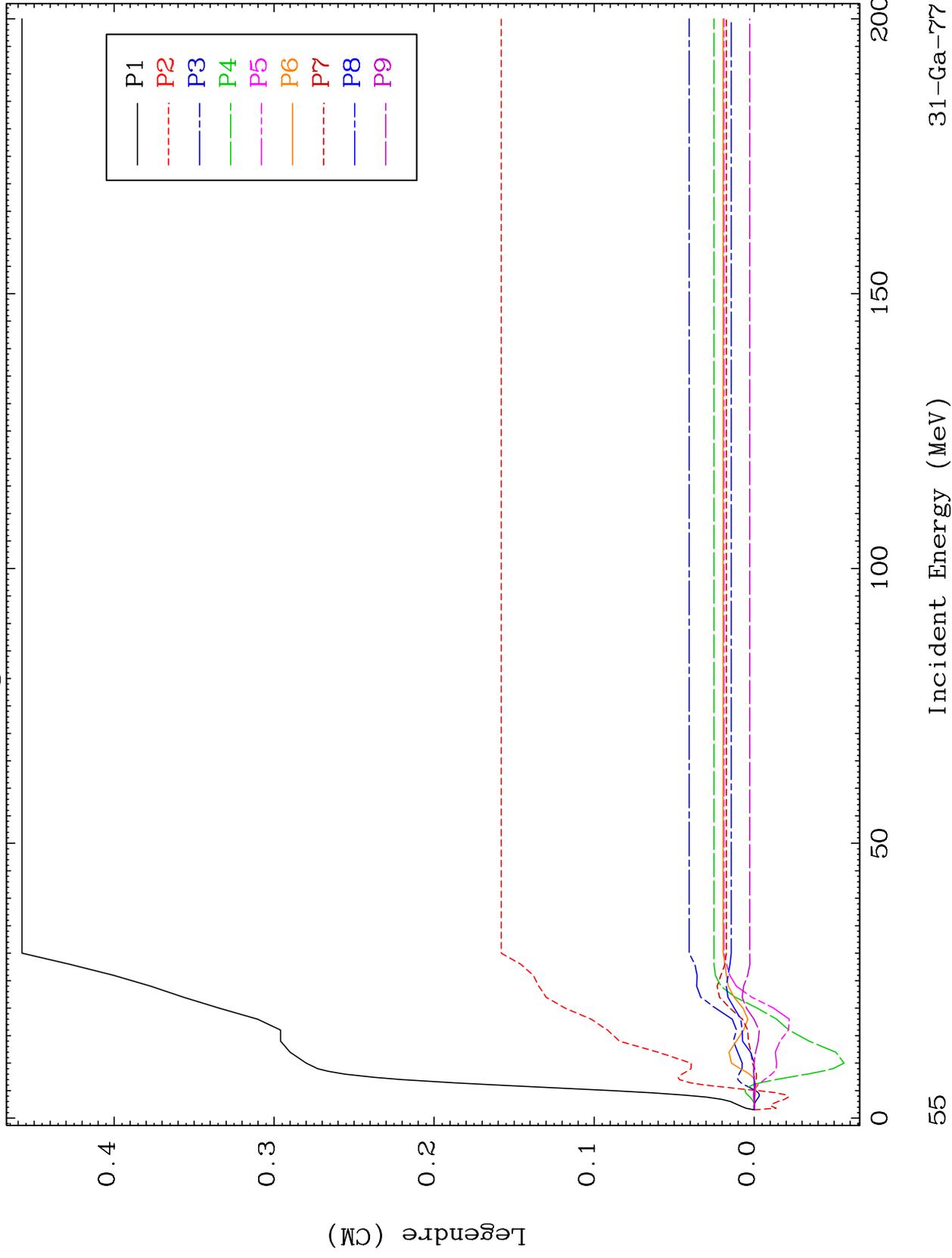
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MAT 3149

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

³¹Ga-77



55

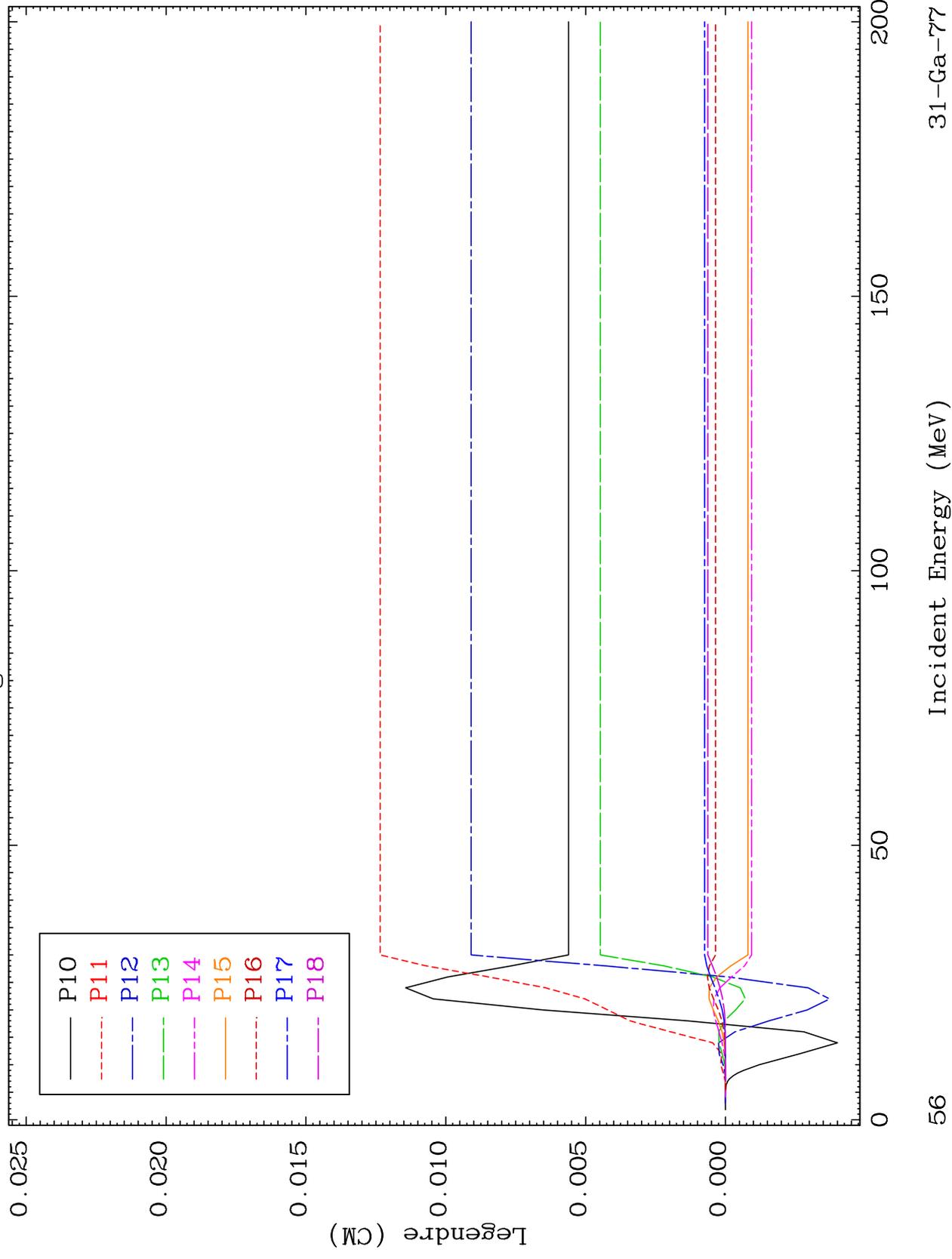
Incident Energy (MeV)

³¹Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

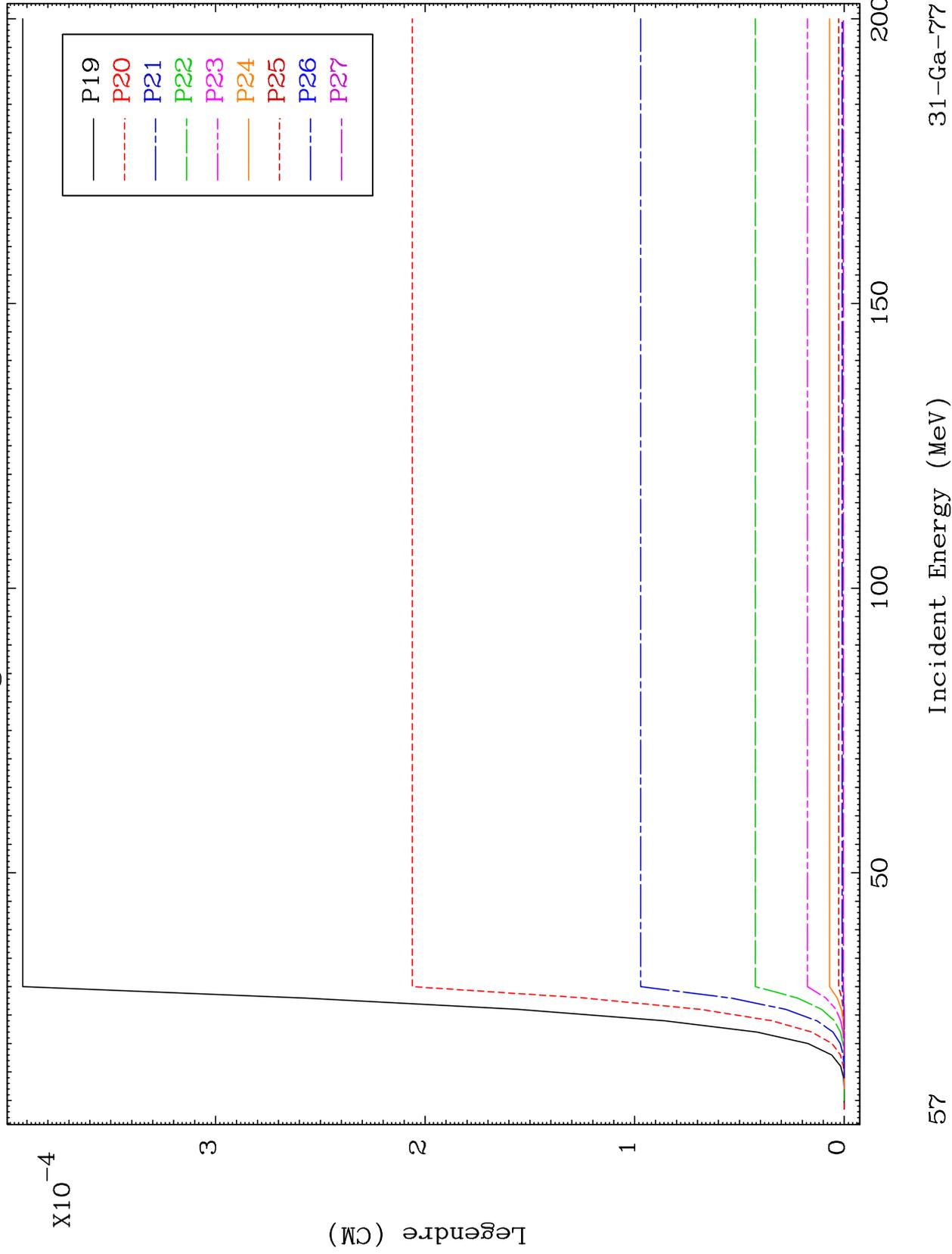
Incident Energy (MeV)

56

MAT 3149

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

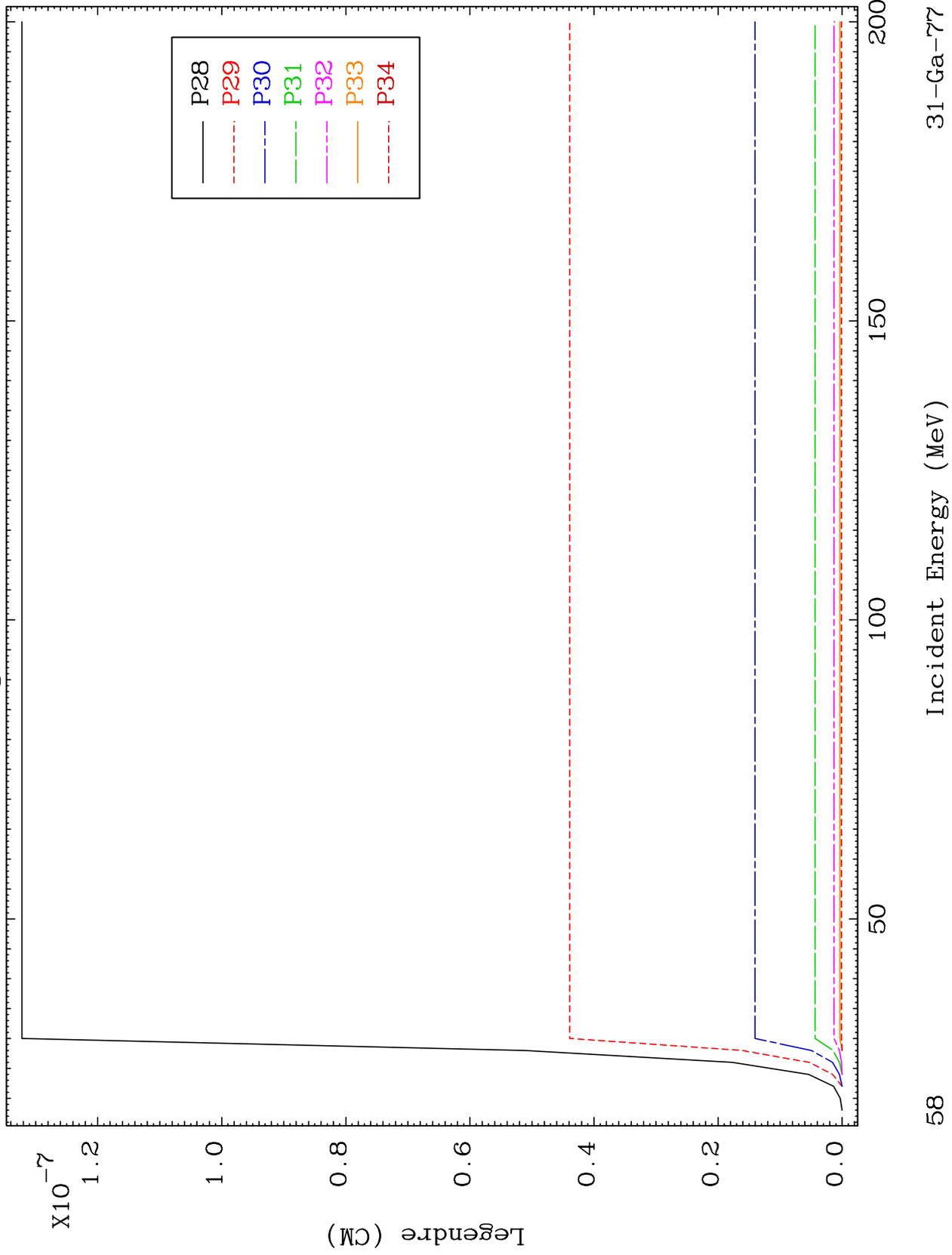
³¹Ga-77



MAT 3149

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

31-Ga-77



58

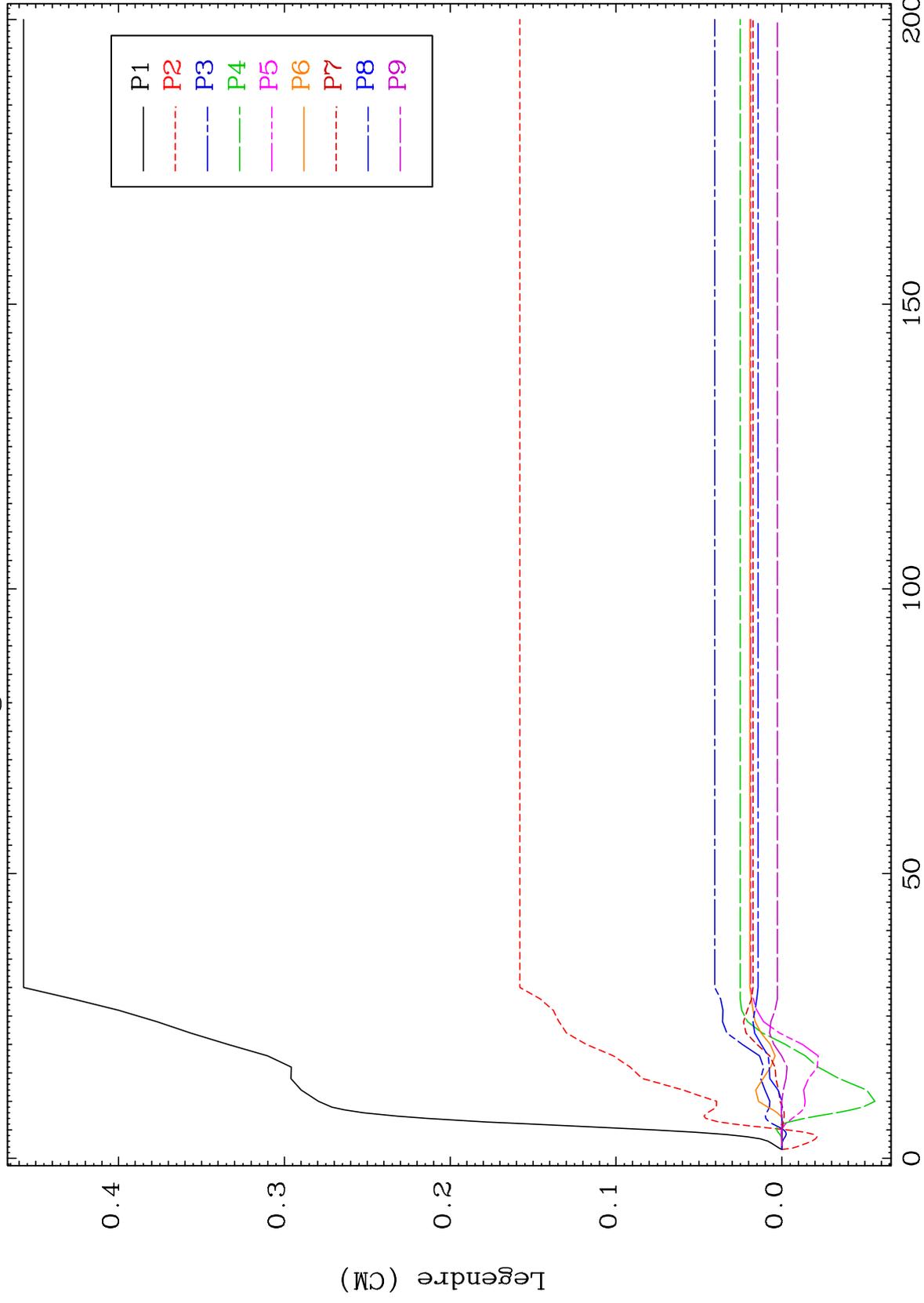
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



59

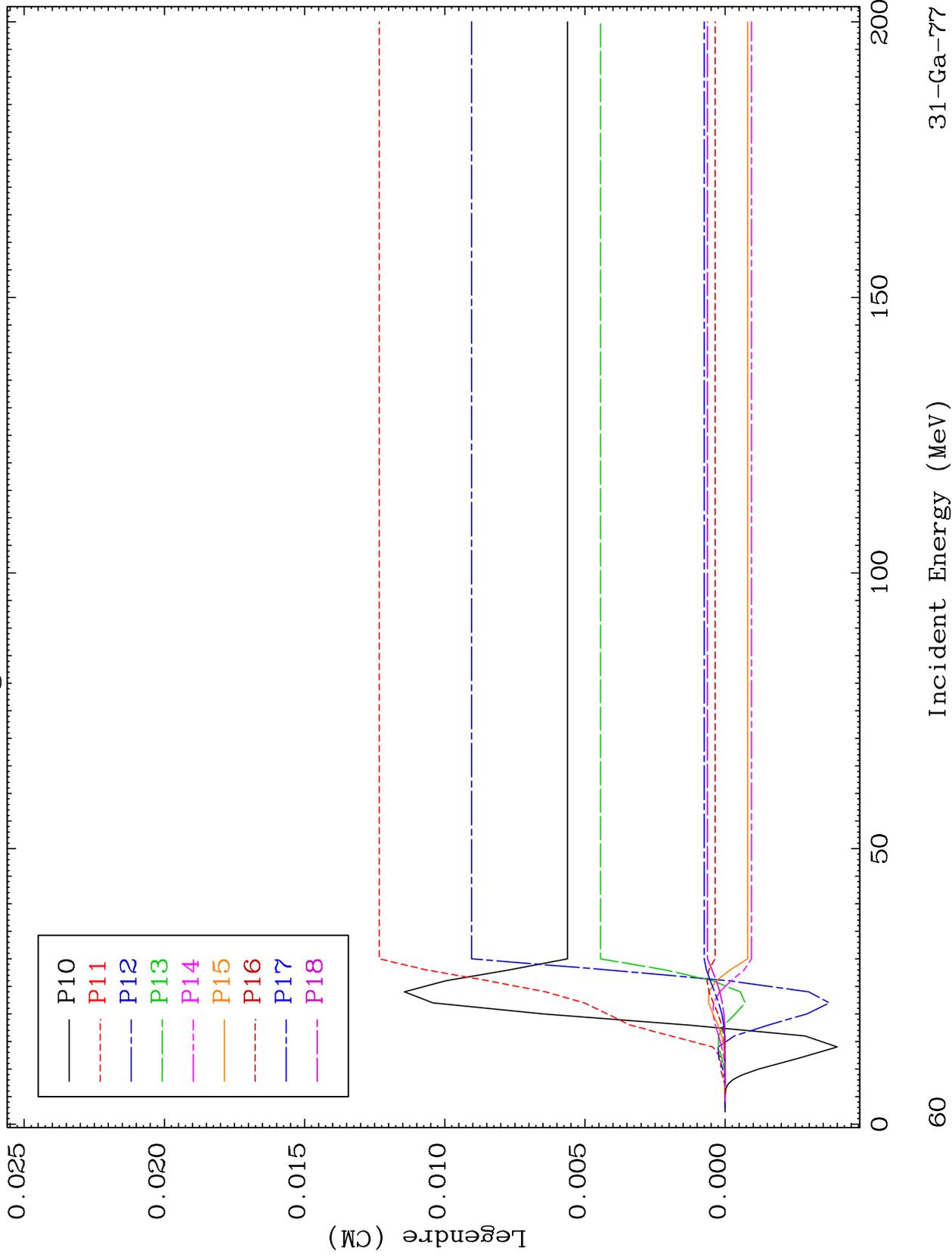
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

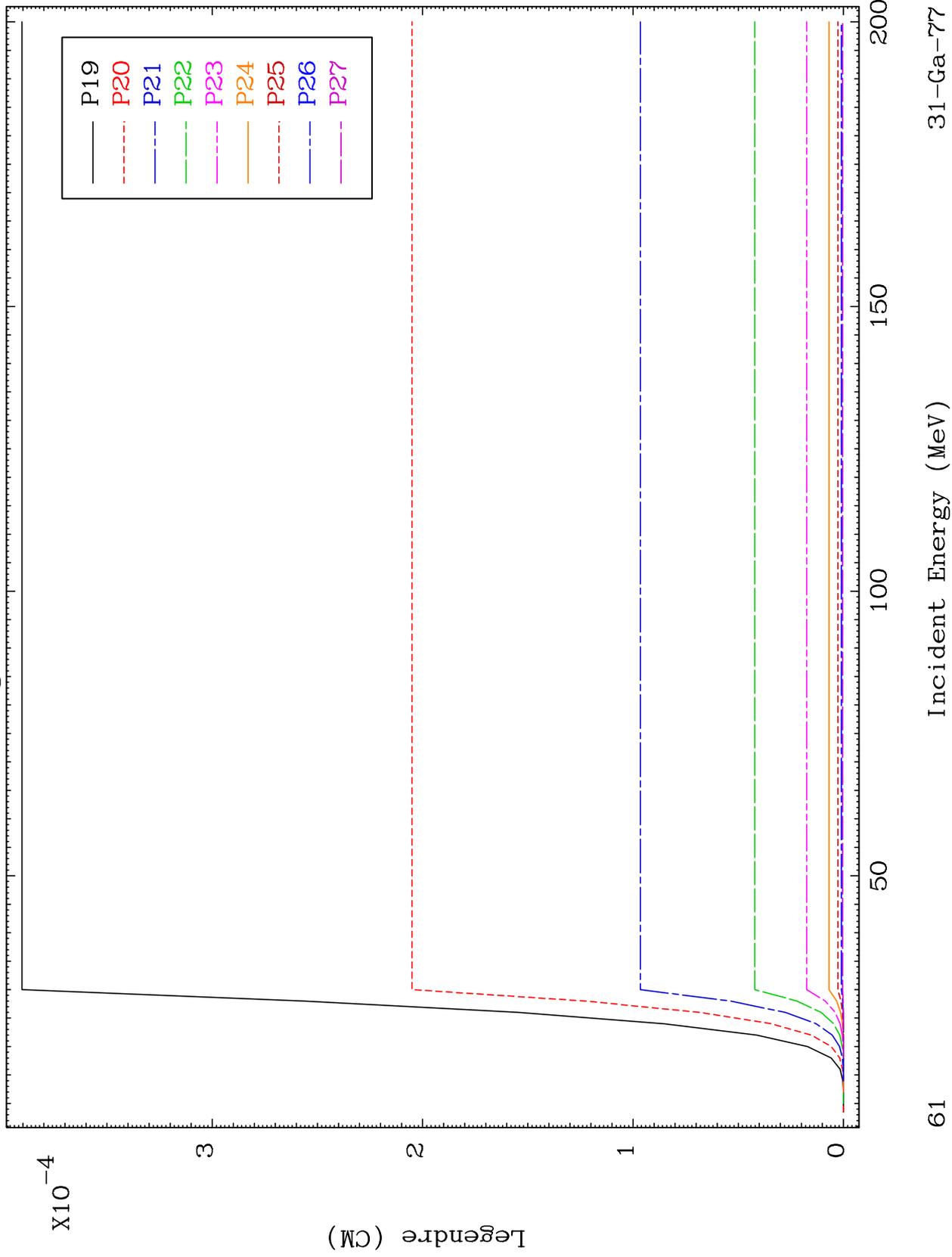
Incident Energy (MeV)

60

MAT 3149

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

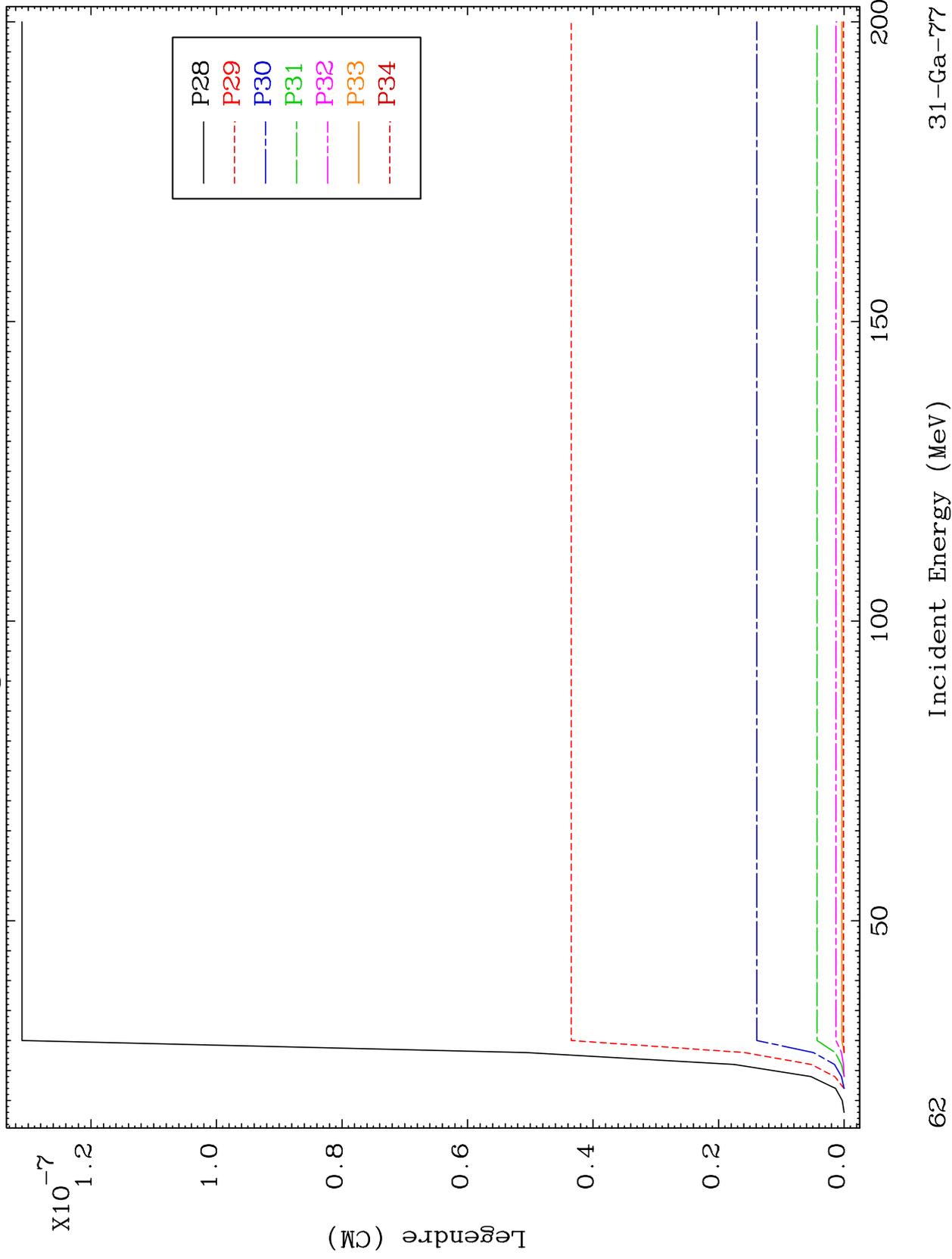
31-Ga-77



MAT 3149

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

31-Ga-77



62

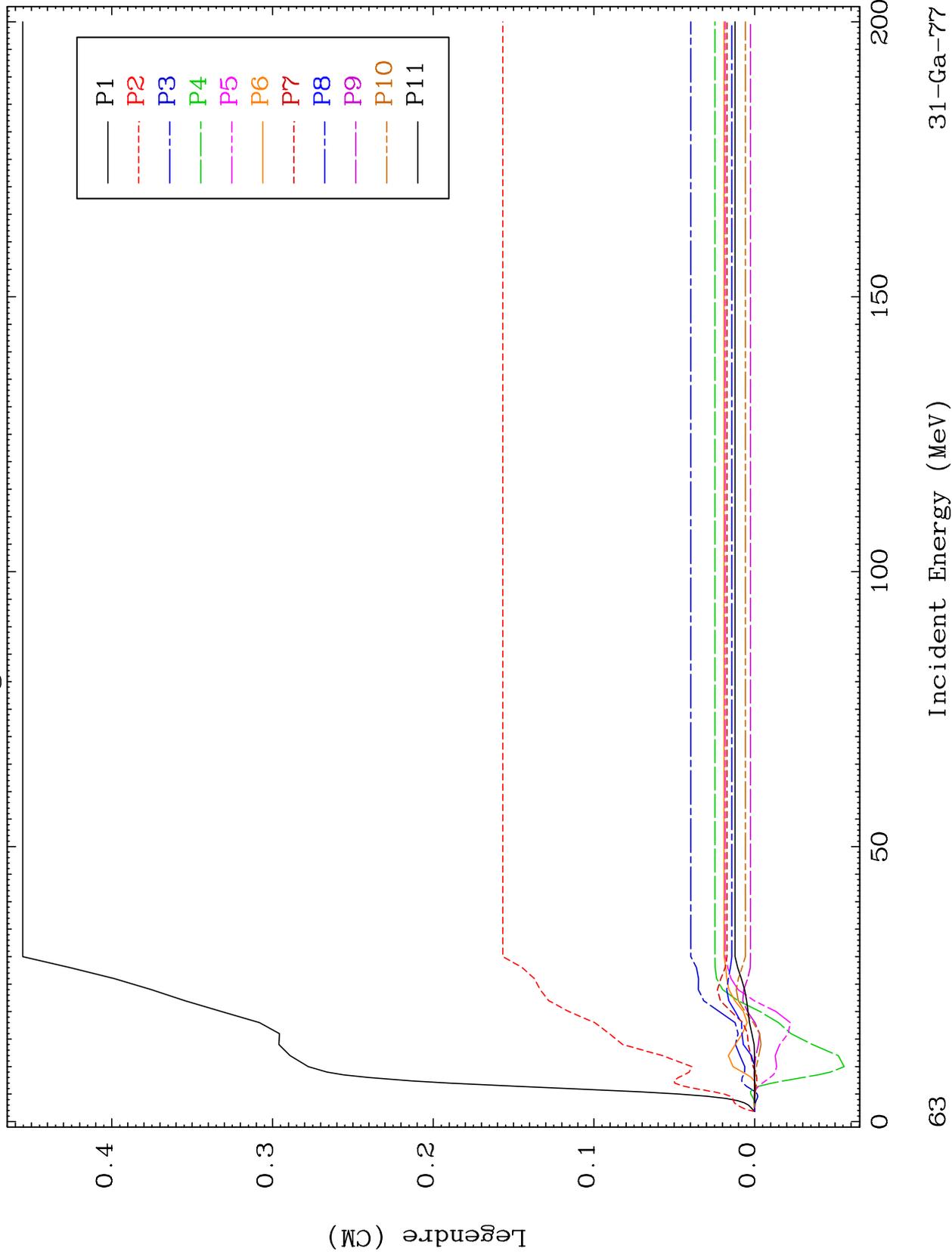
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

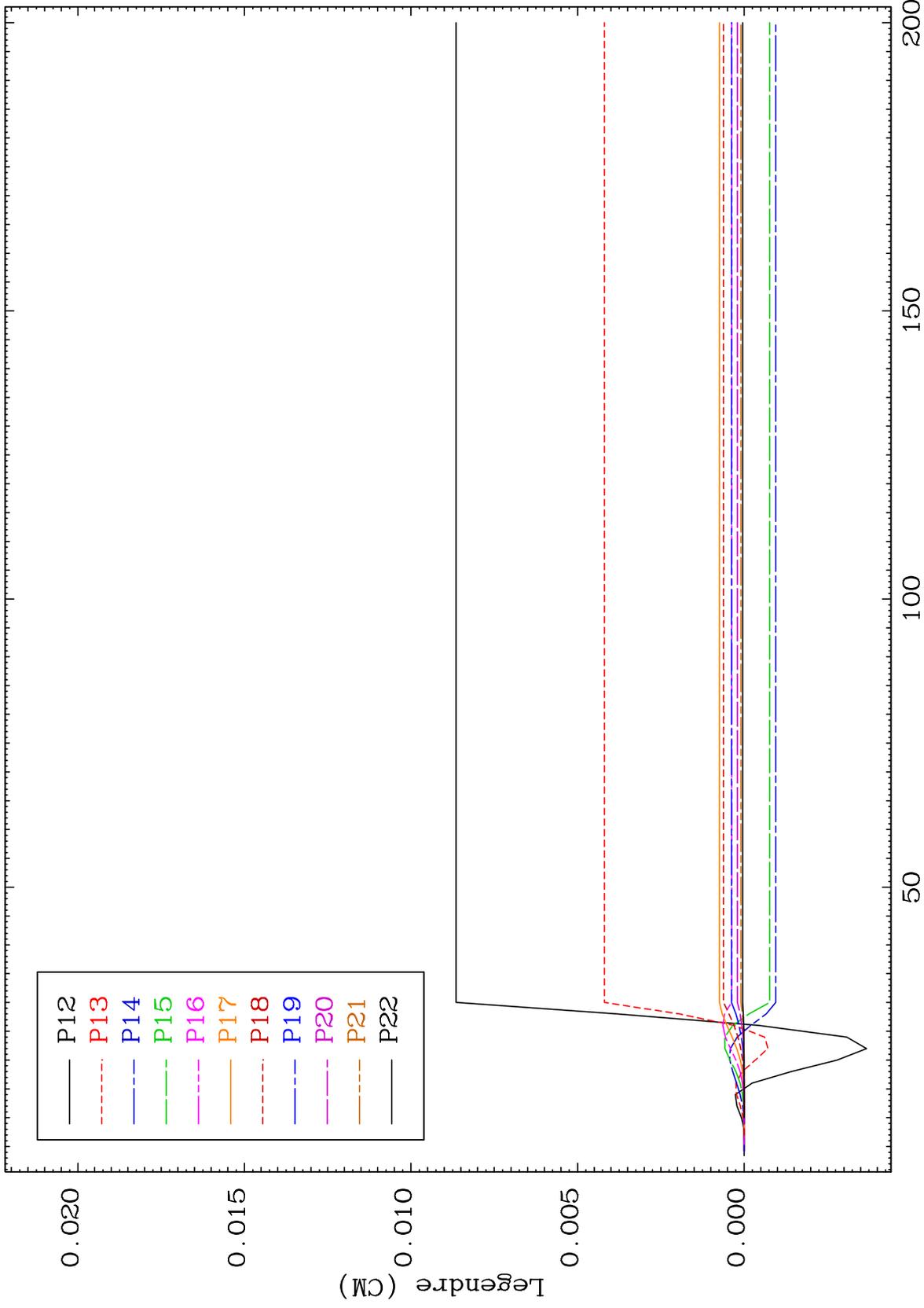
Incident Energy (MeV)

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MAT 3149

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

31-Ga-77



64

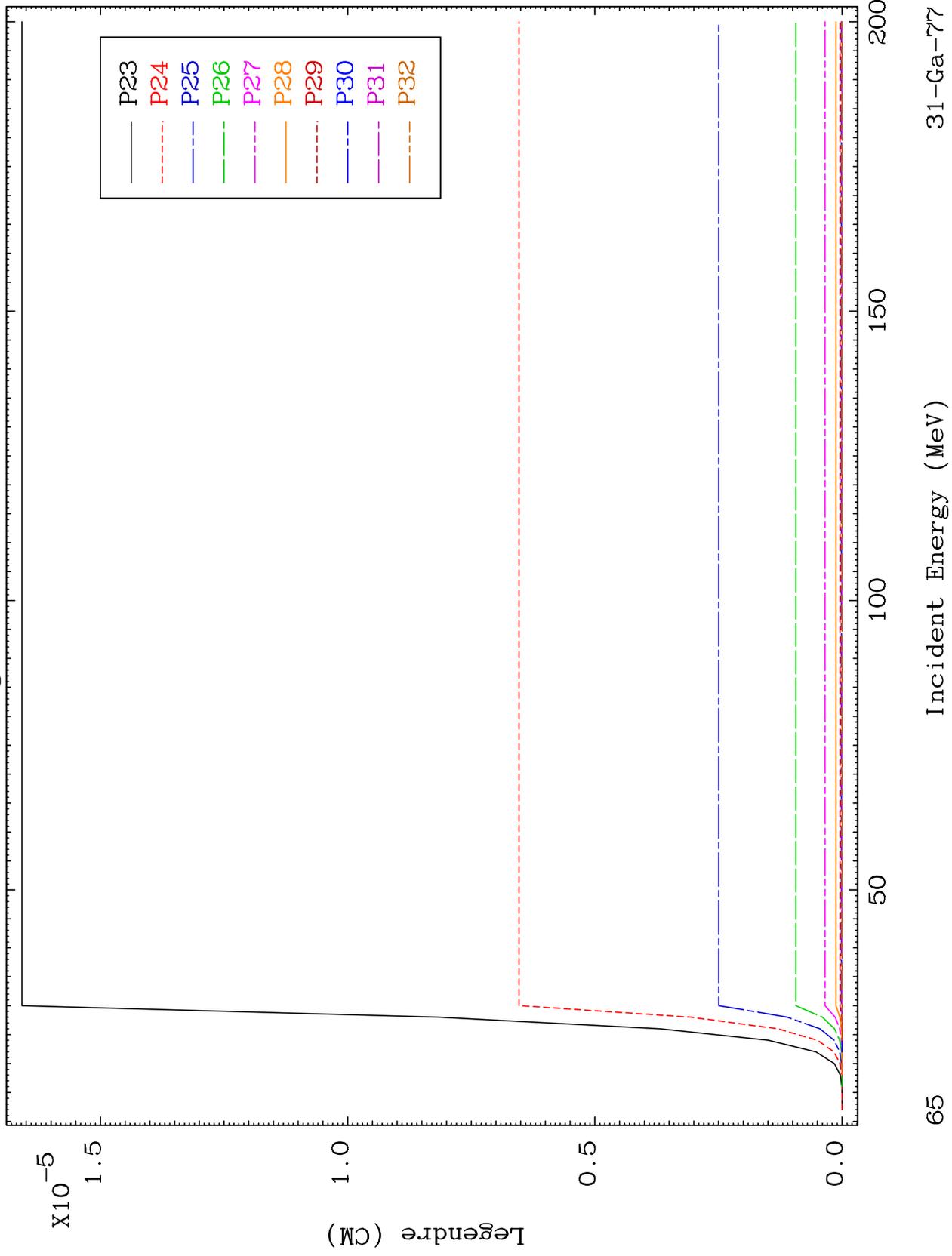
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



65

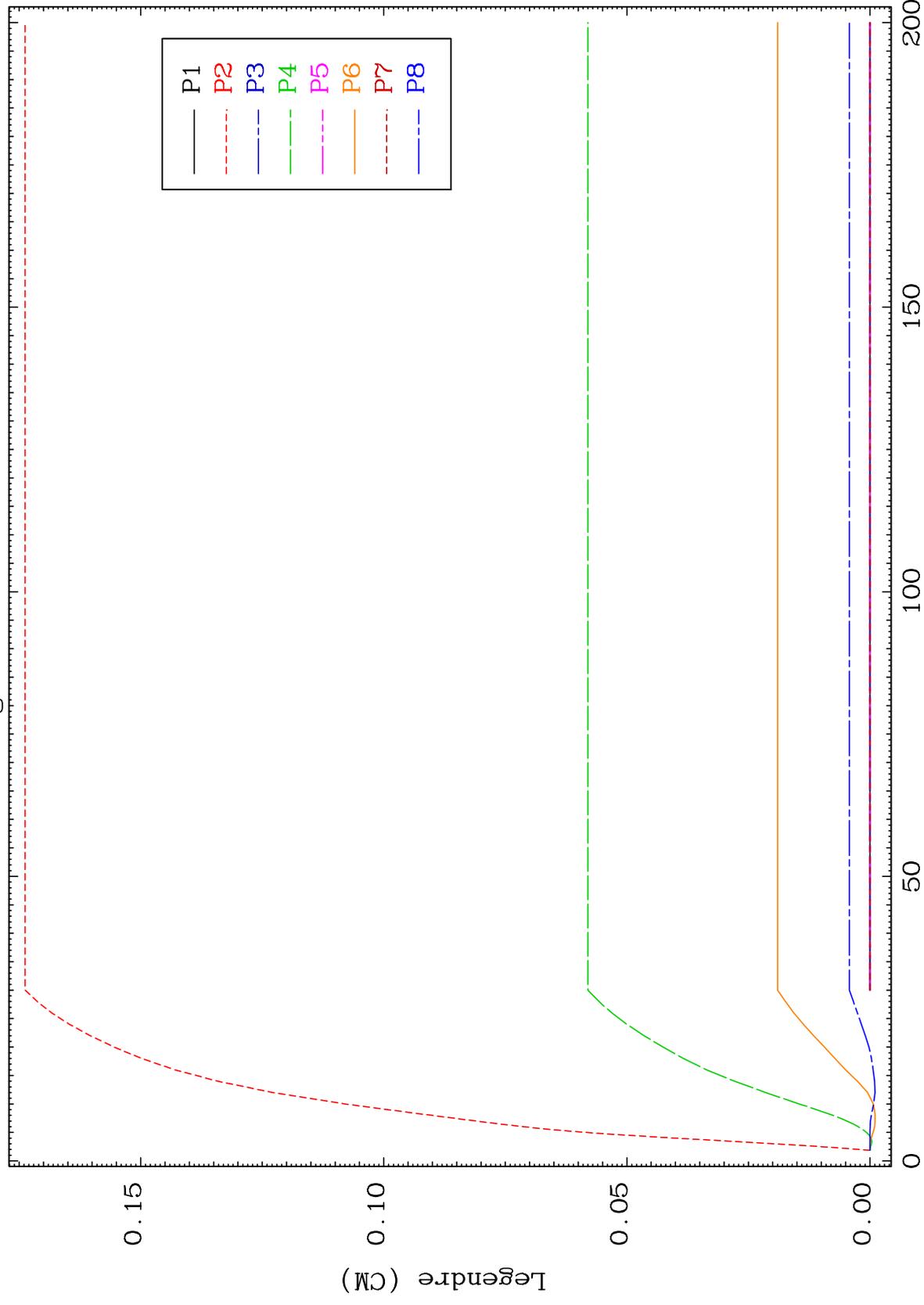
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



66

Incident Energy (MeV)

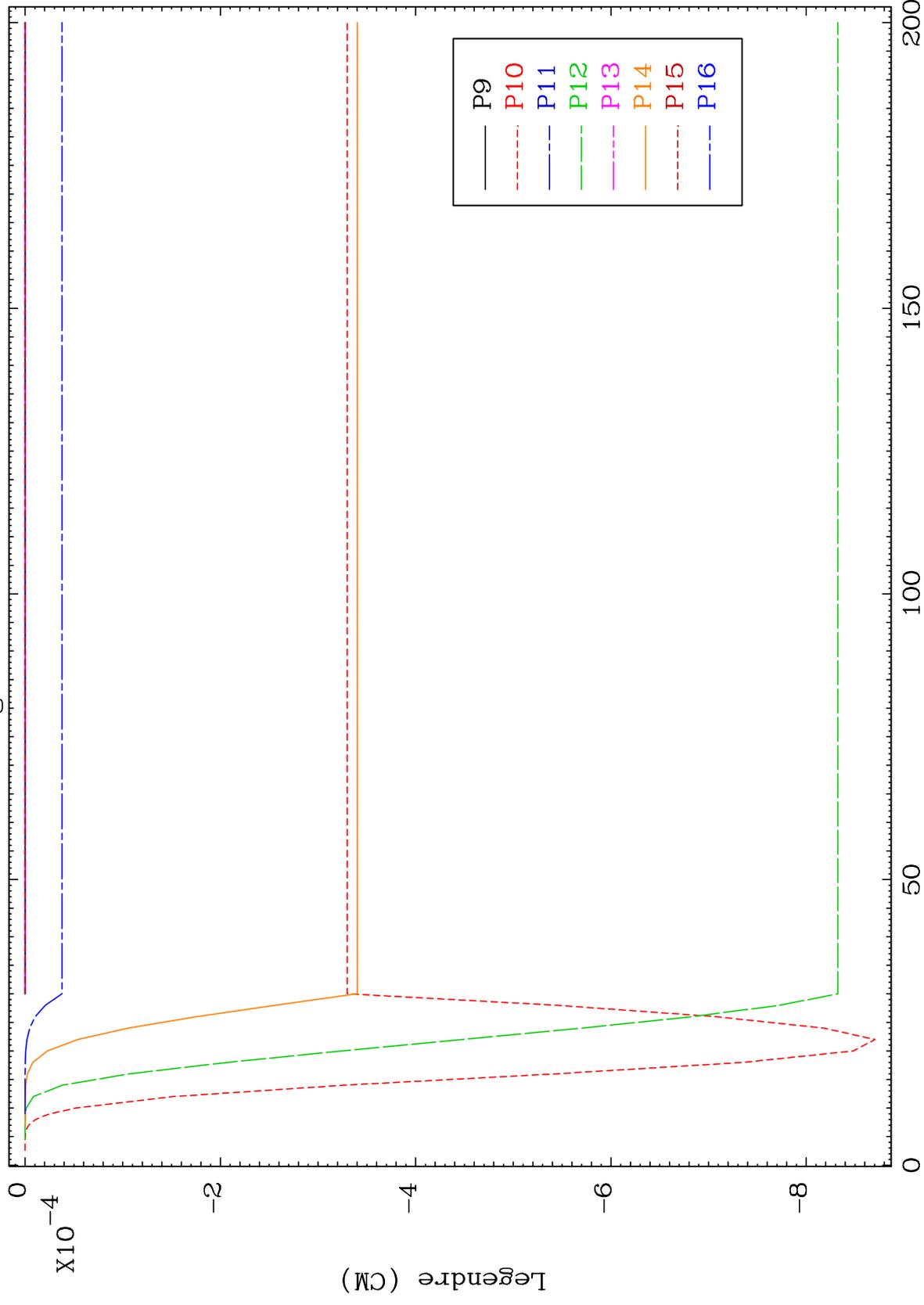
31-Ga-77

MAT 3149

MT= 64 (n,n') Level

31-Ga-77

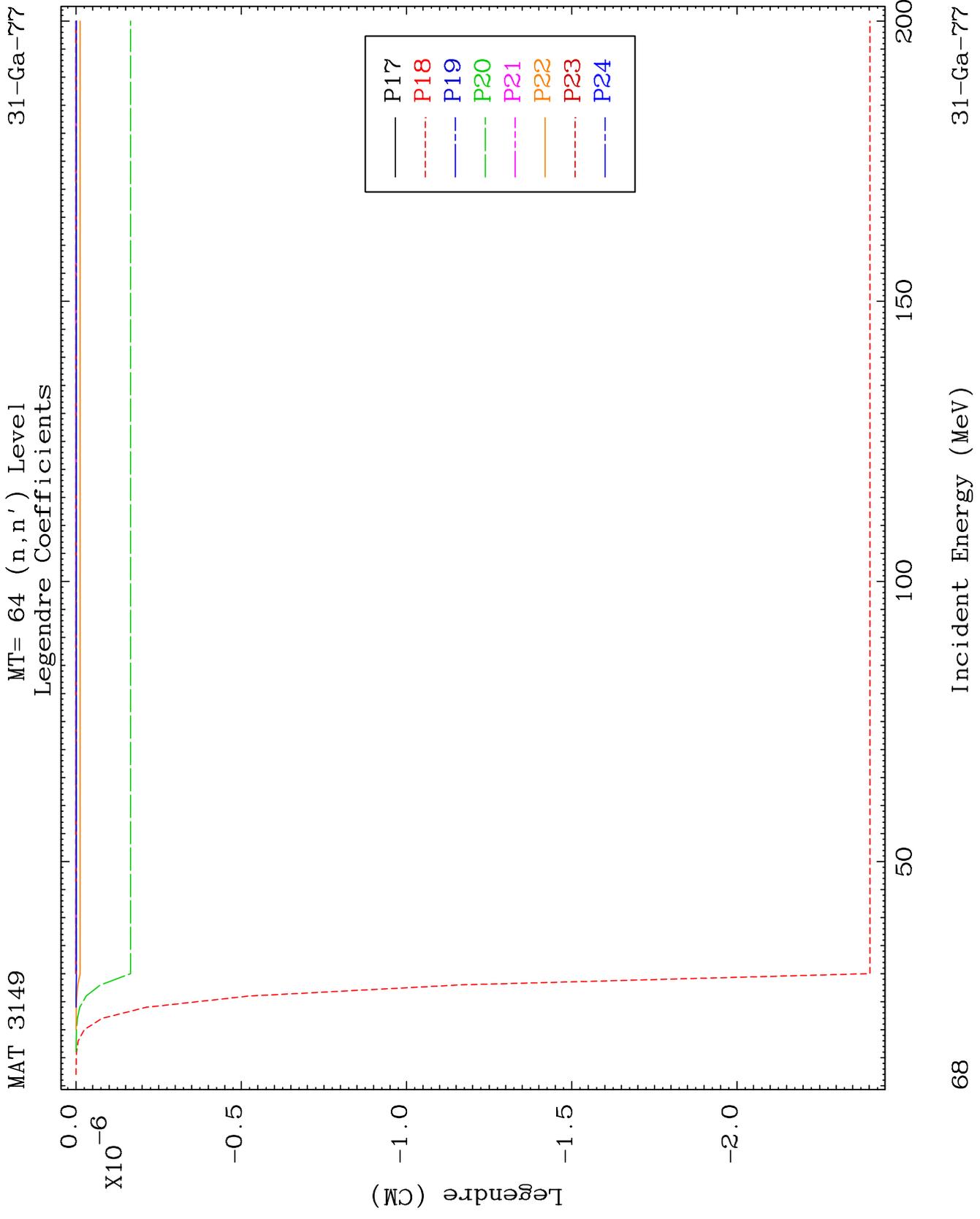
Legendre Coefficients

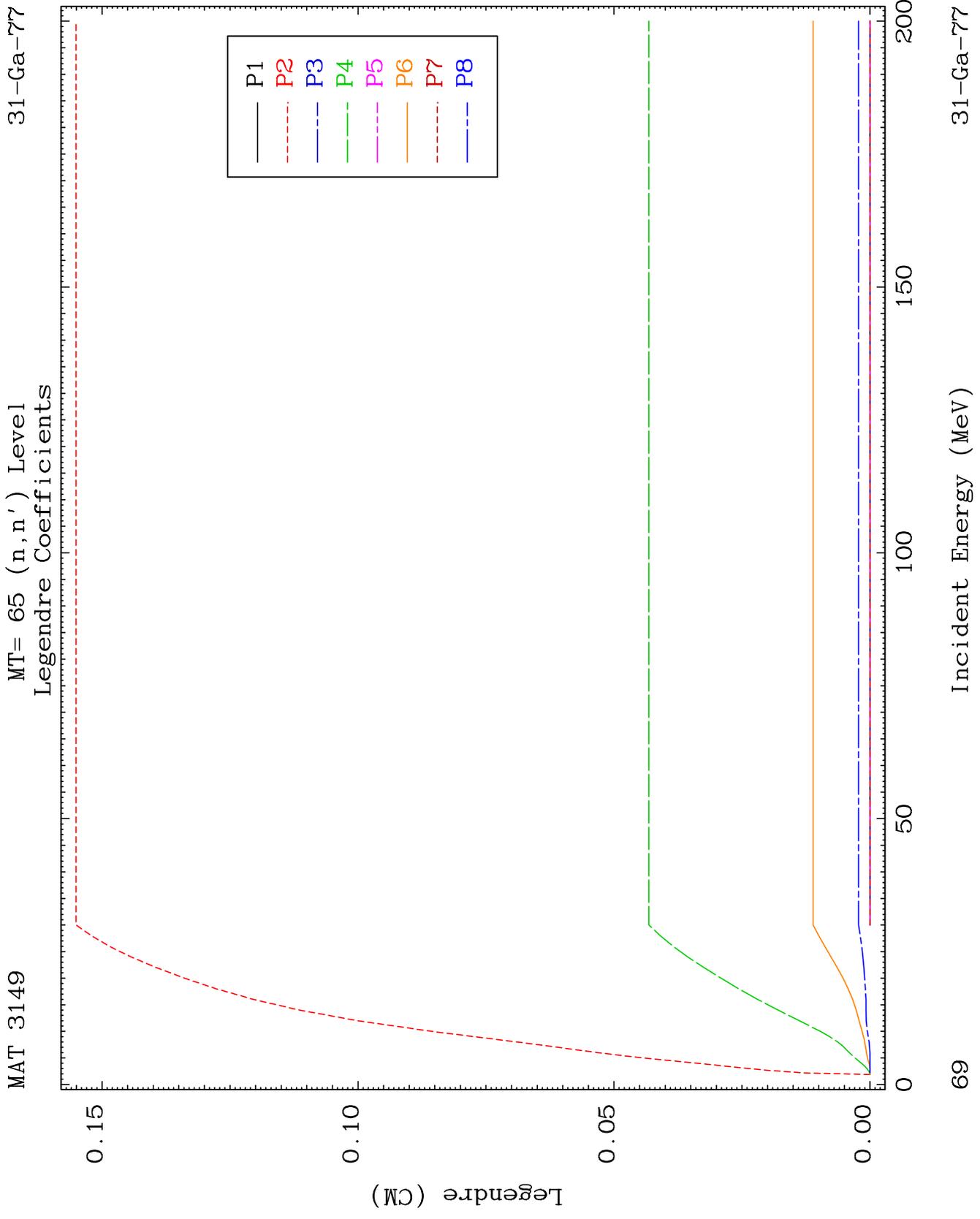


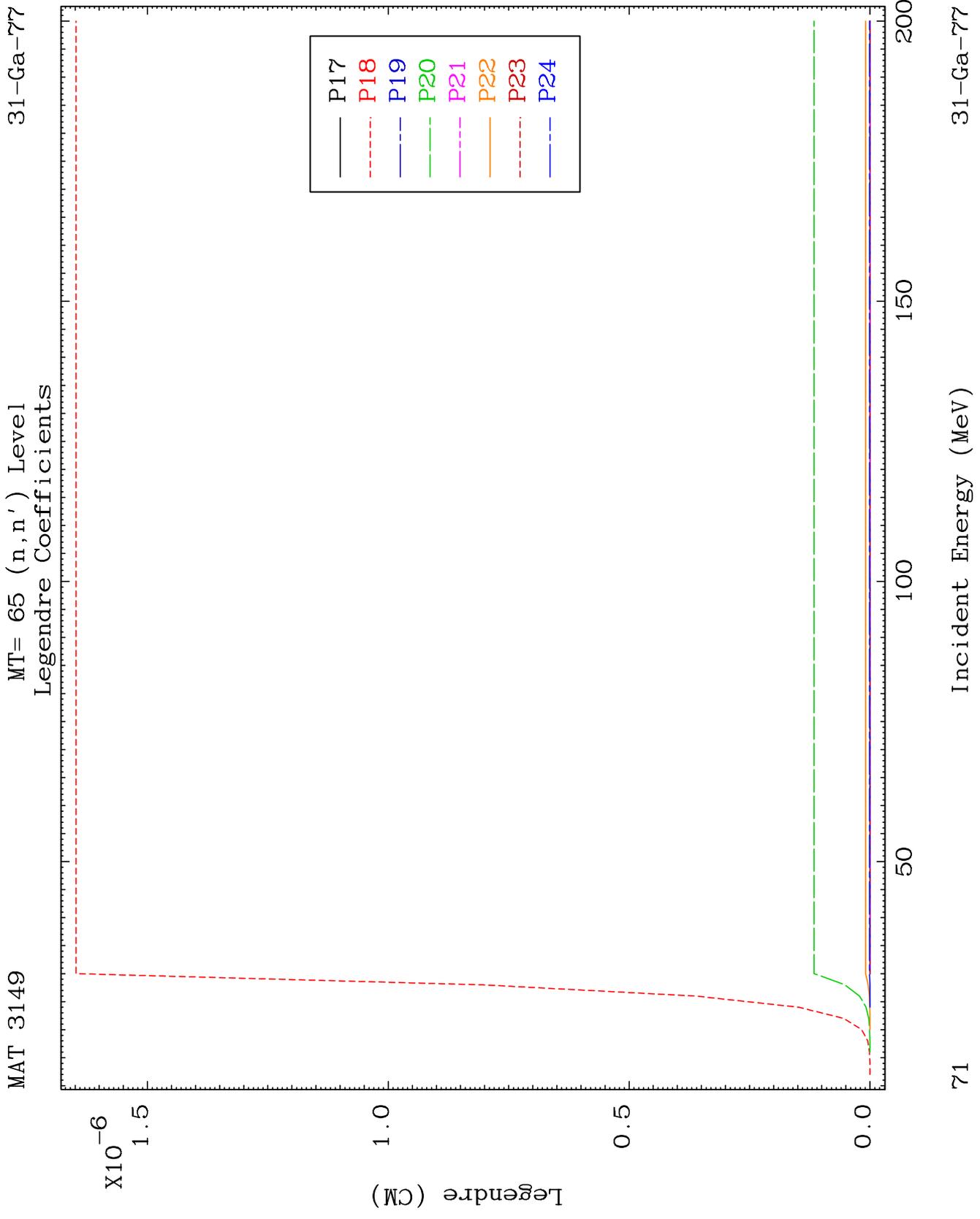
31-Ga-77

Incident Energy (MeV)

67



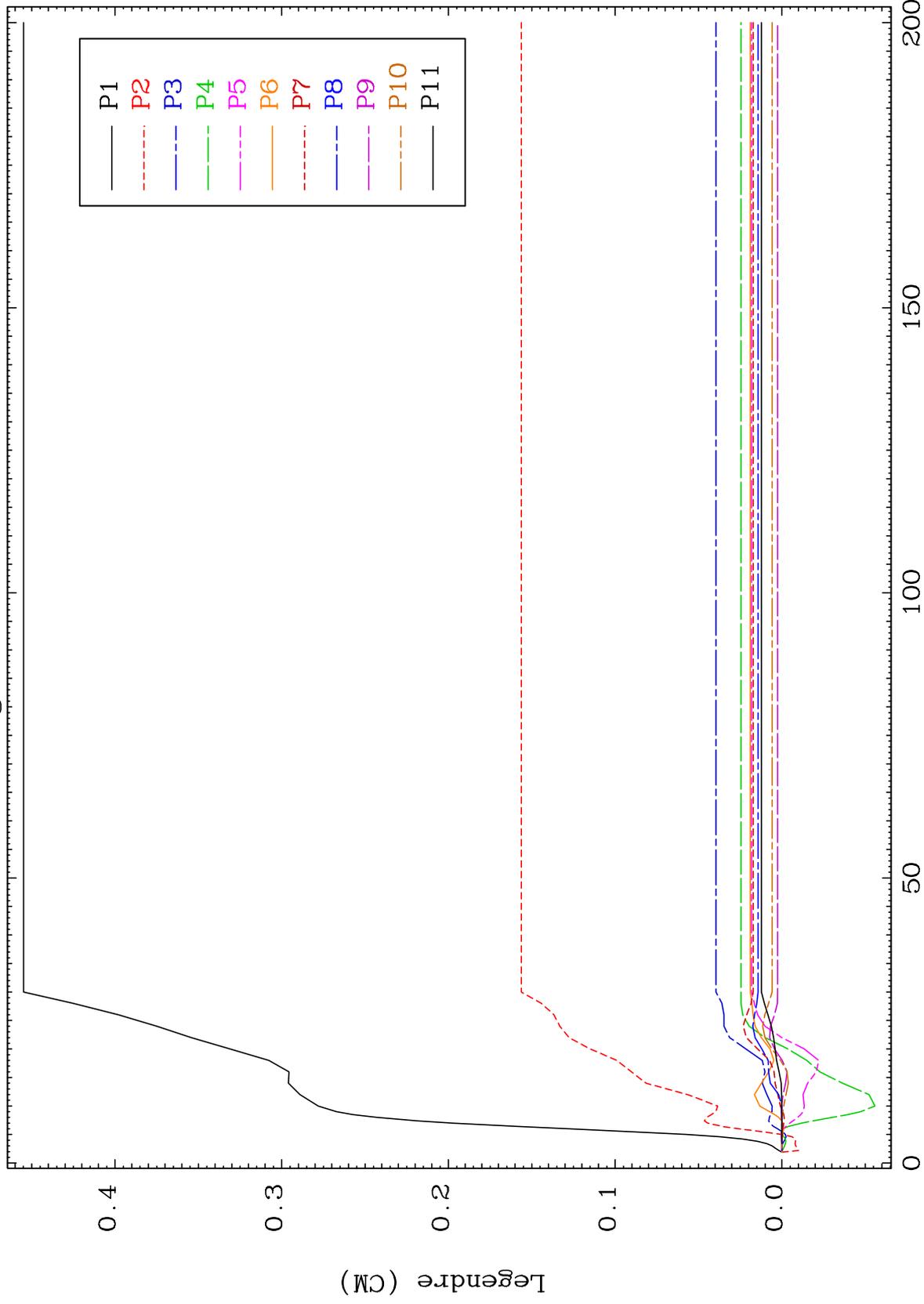




MAT 3149

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

31-Ga-77



72

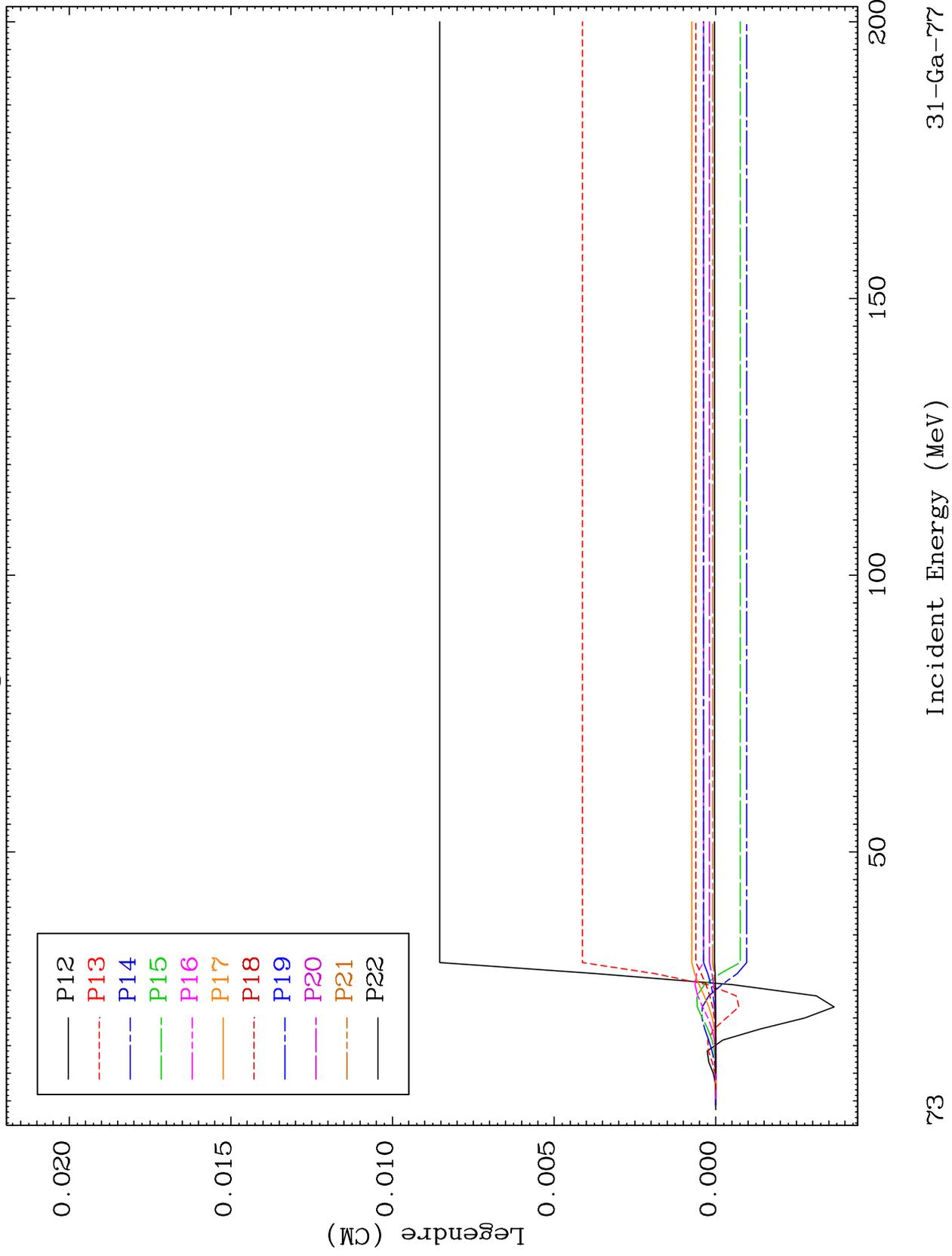
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



73

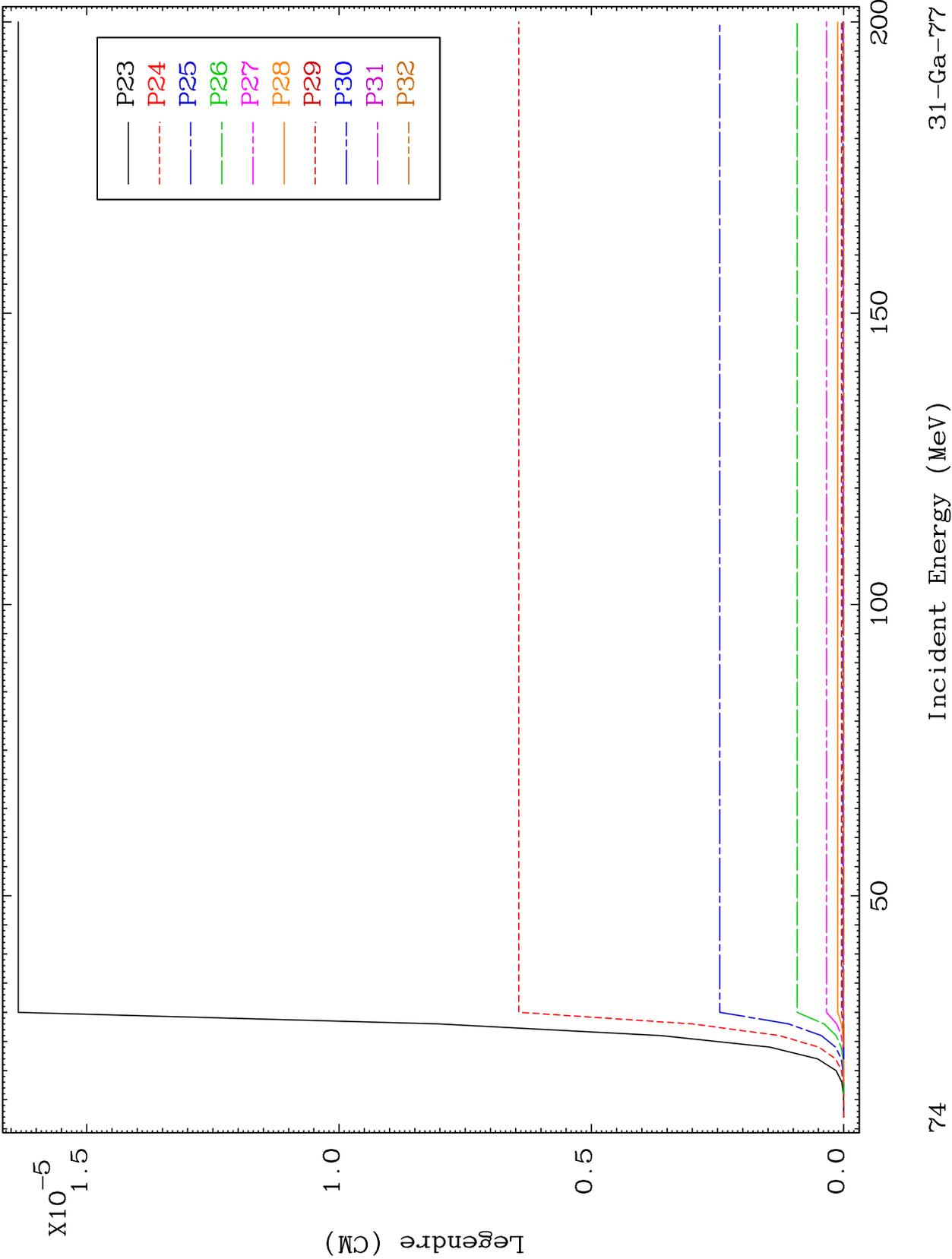
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



74

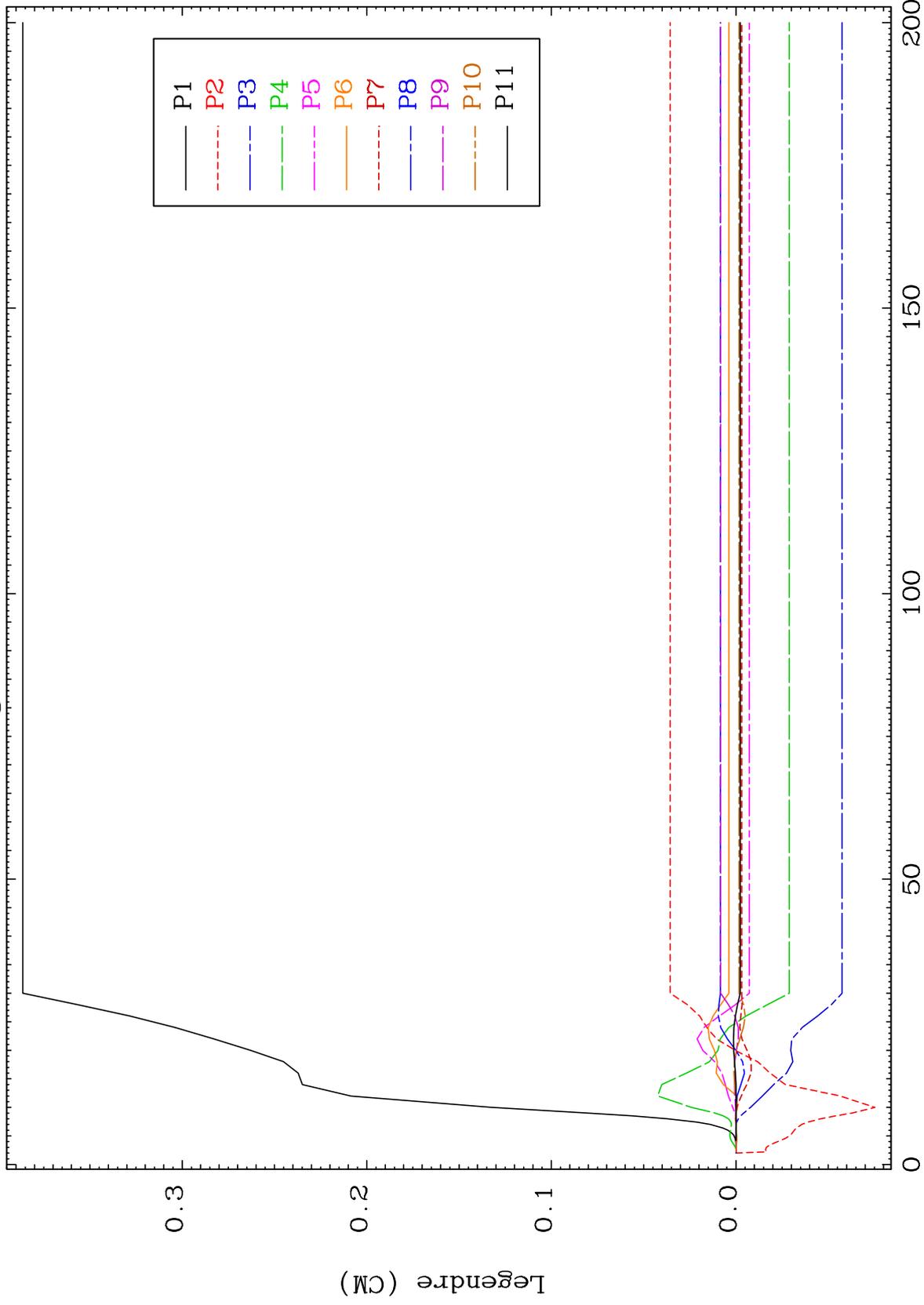
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

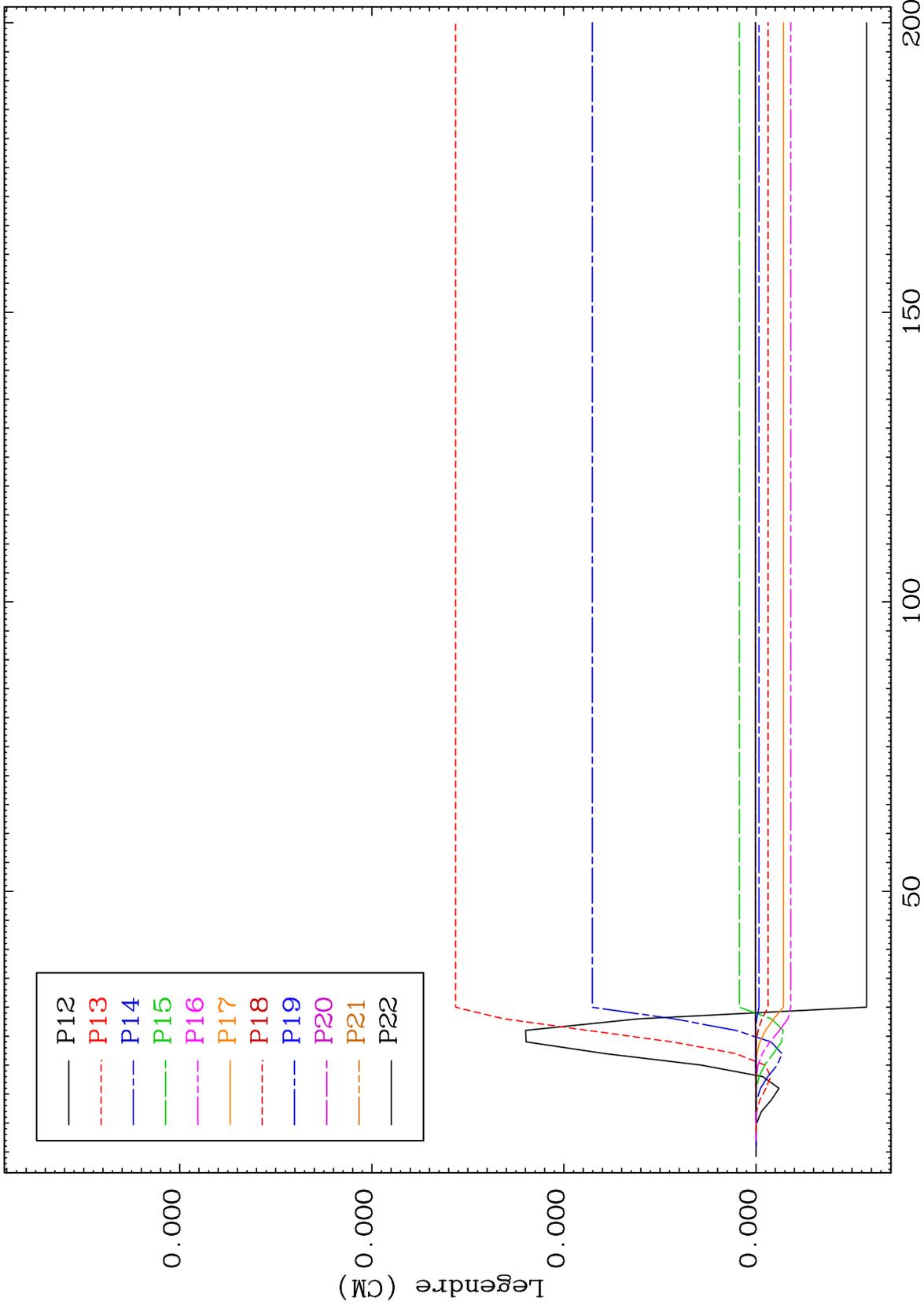
³¹Ga-77



75

Incident Energy (MeV)

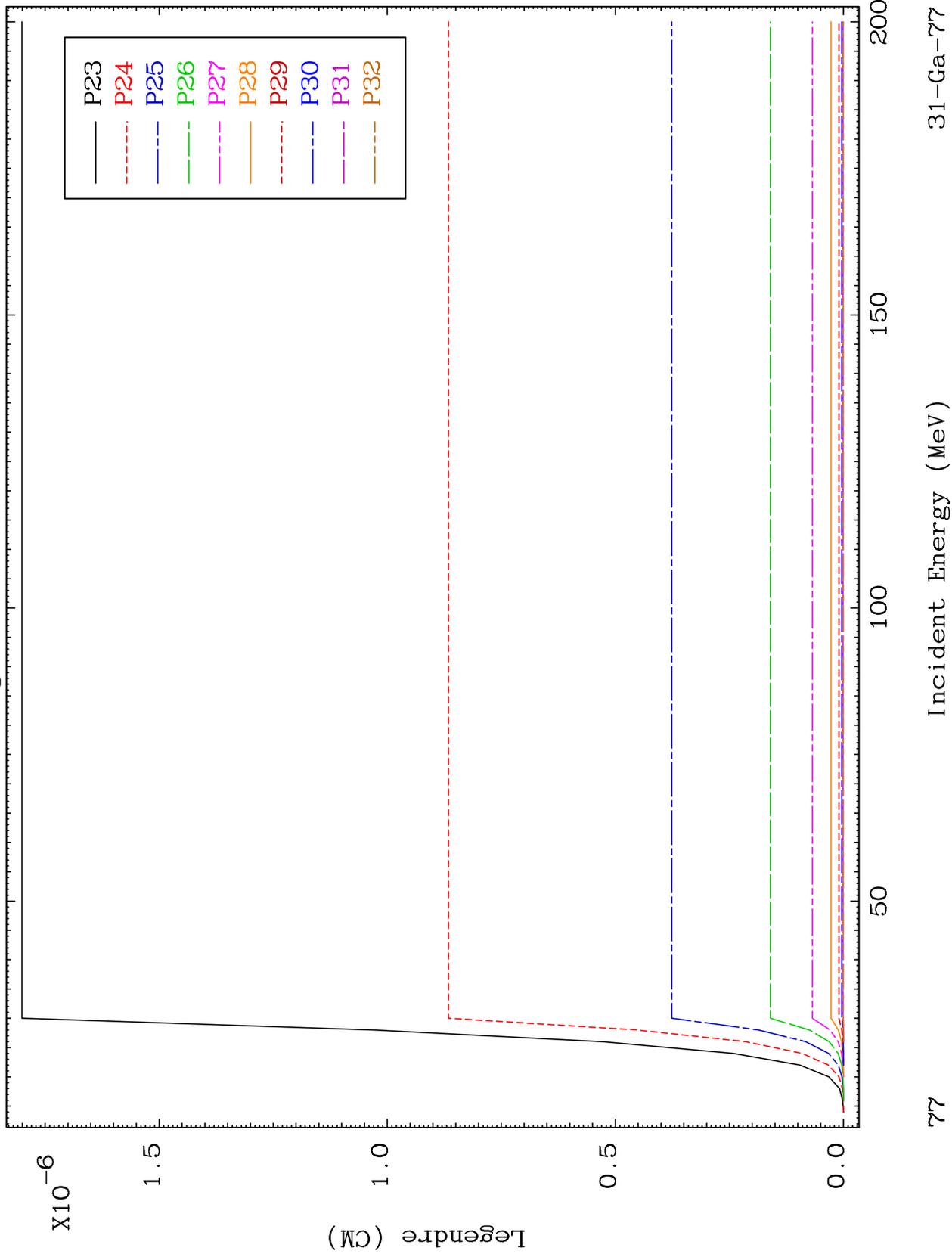
³¹Ga-77



MAT 3149

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

31-Ga-77



77

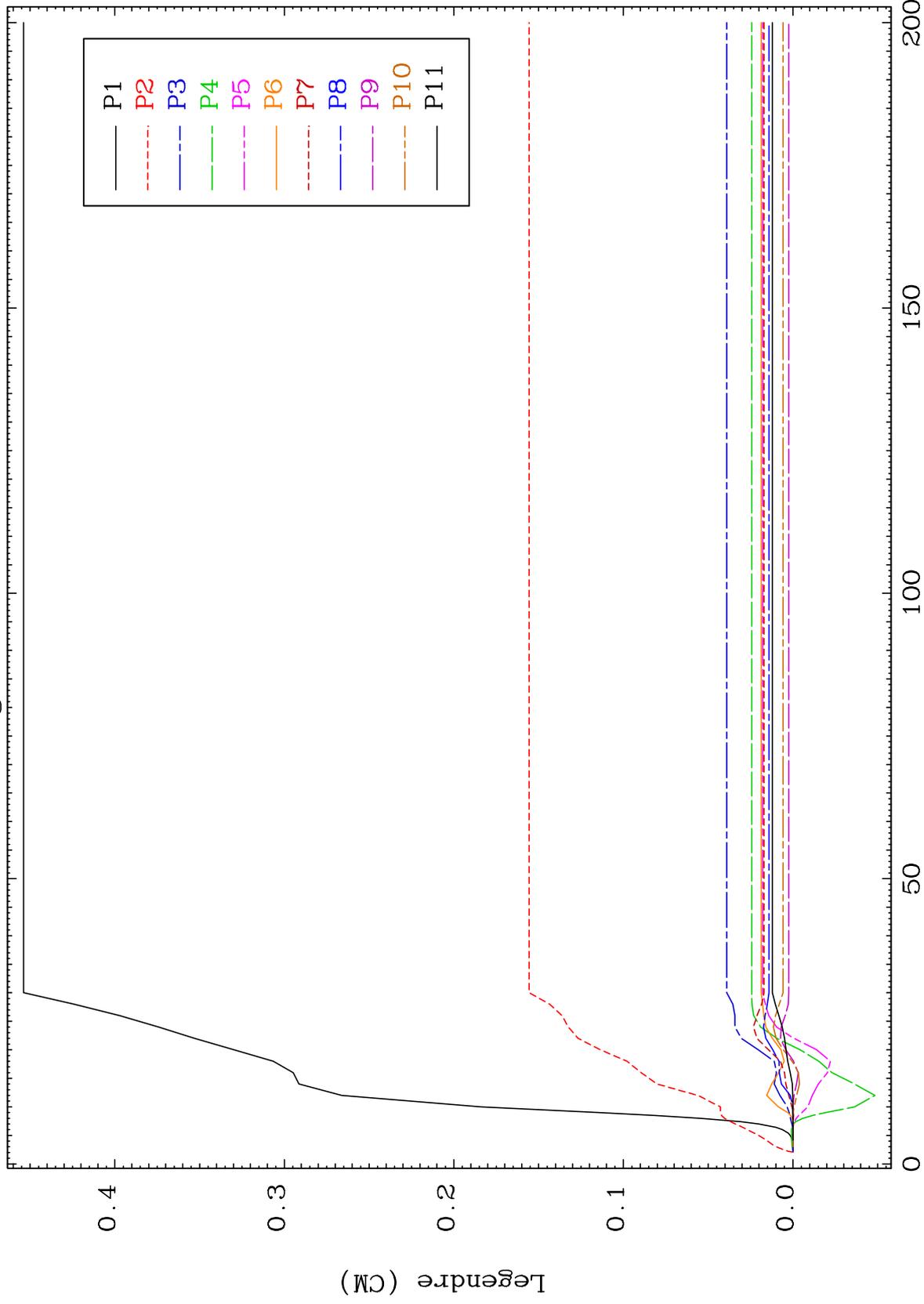
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



78

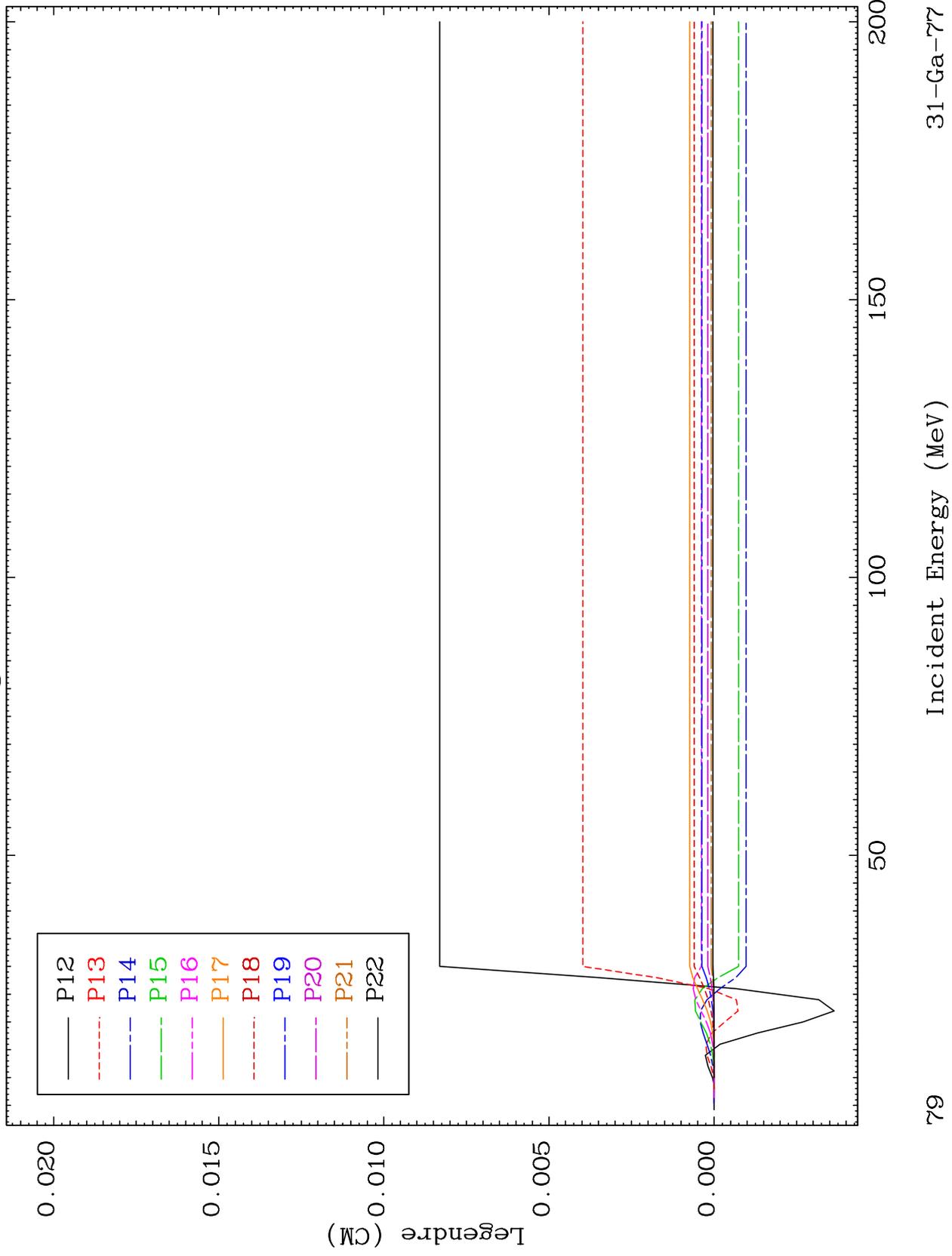
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



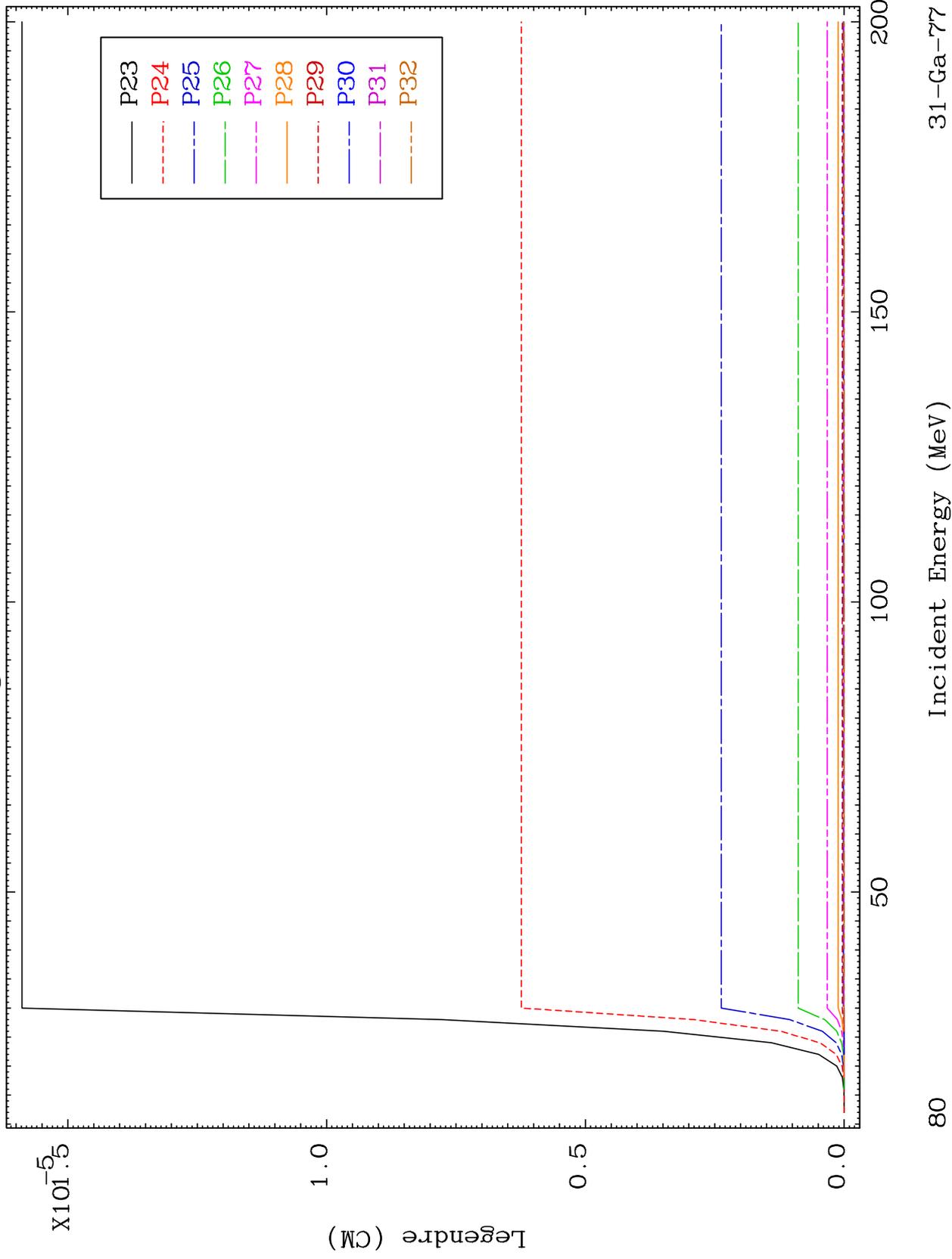
79

31-Ga-77

MAT 3149

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

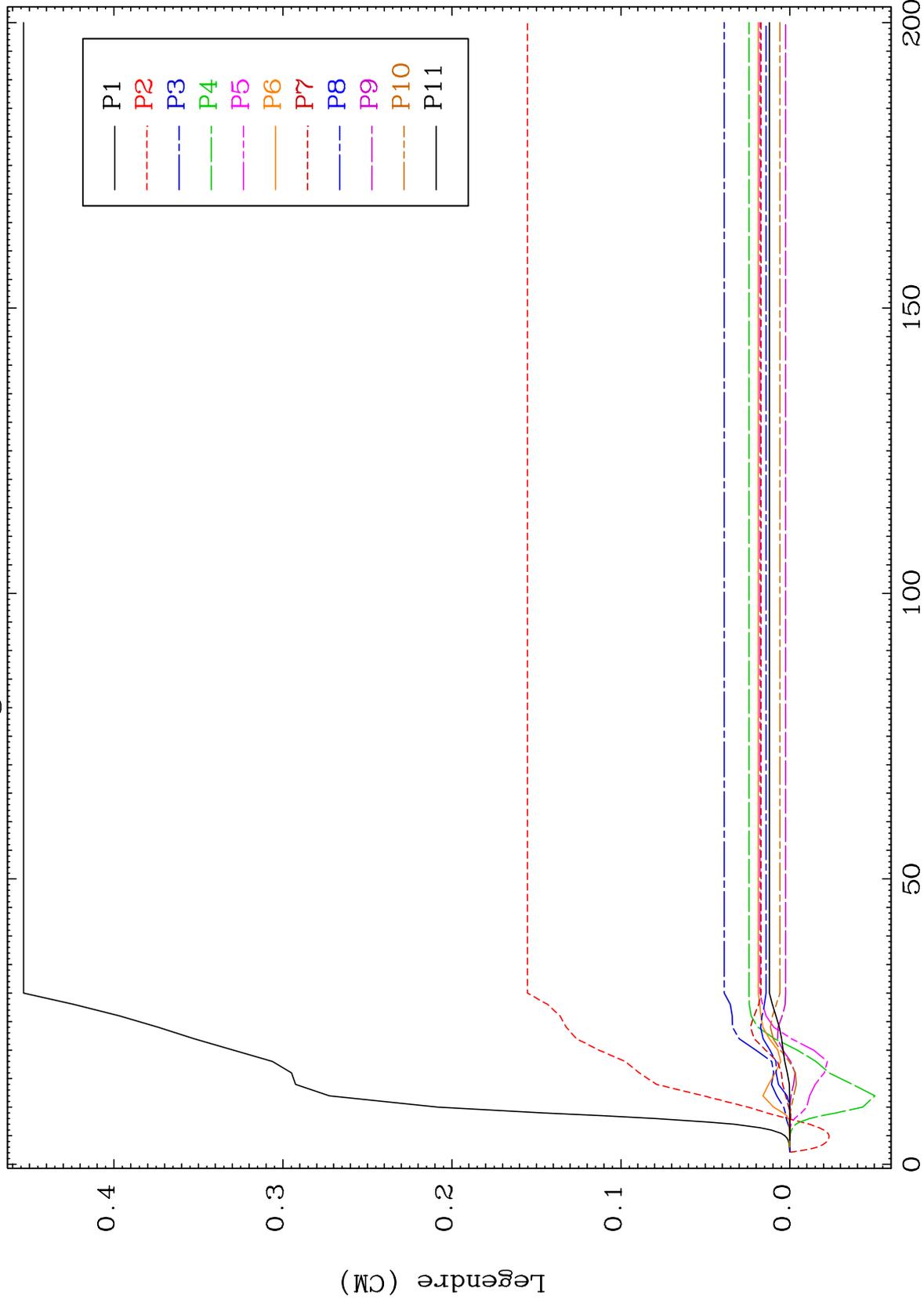
31-Ga-77



MAT 3149

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

31-Ga-77



81

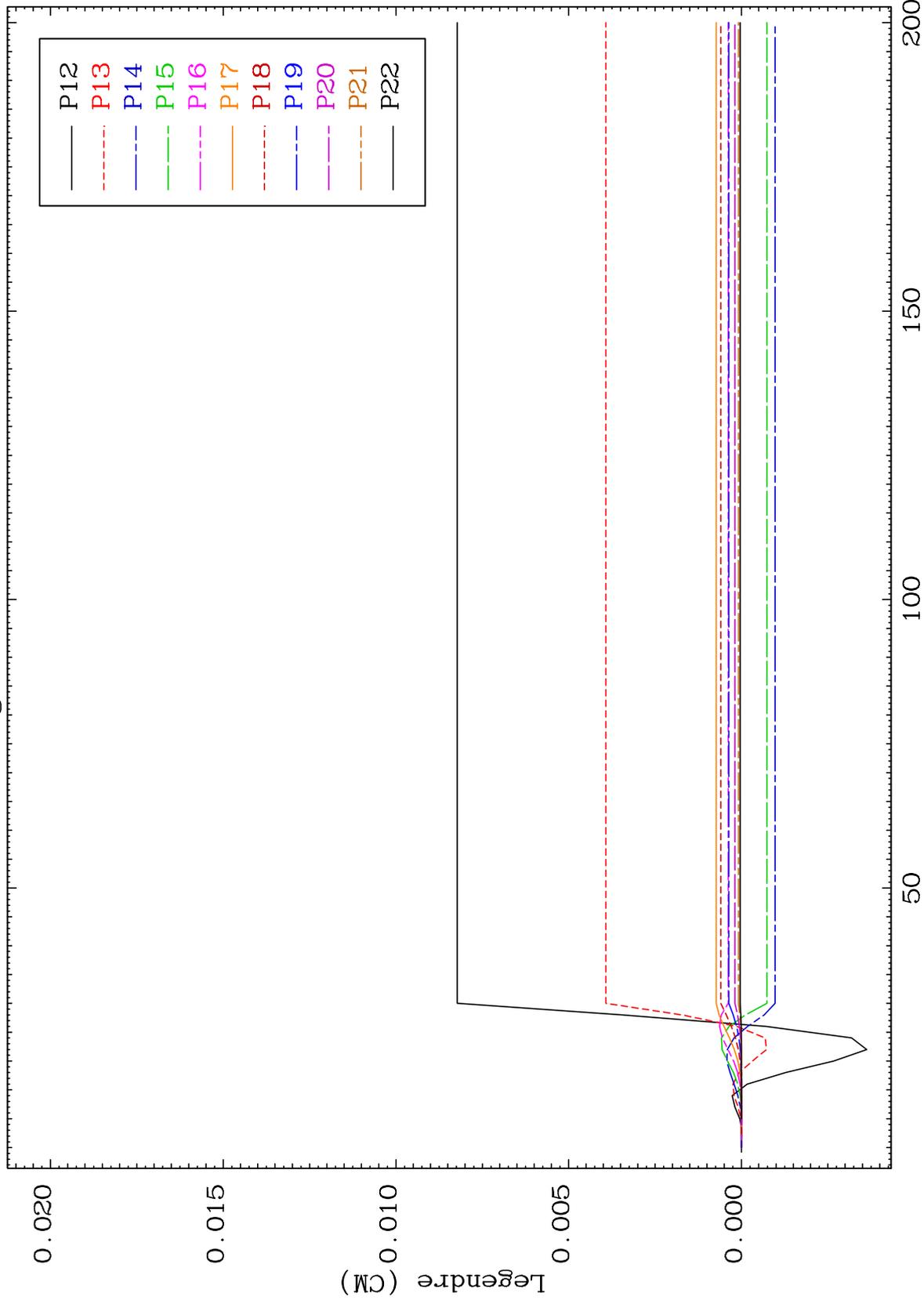
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



82

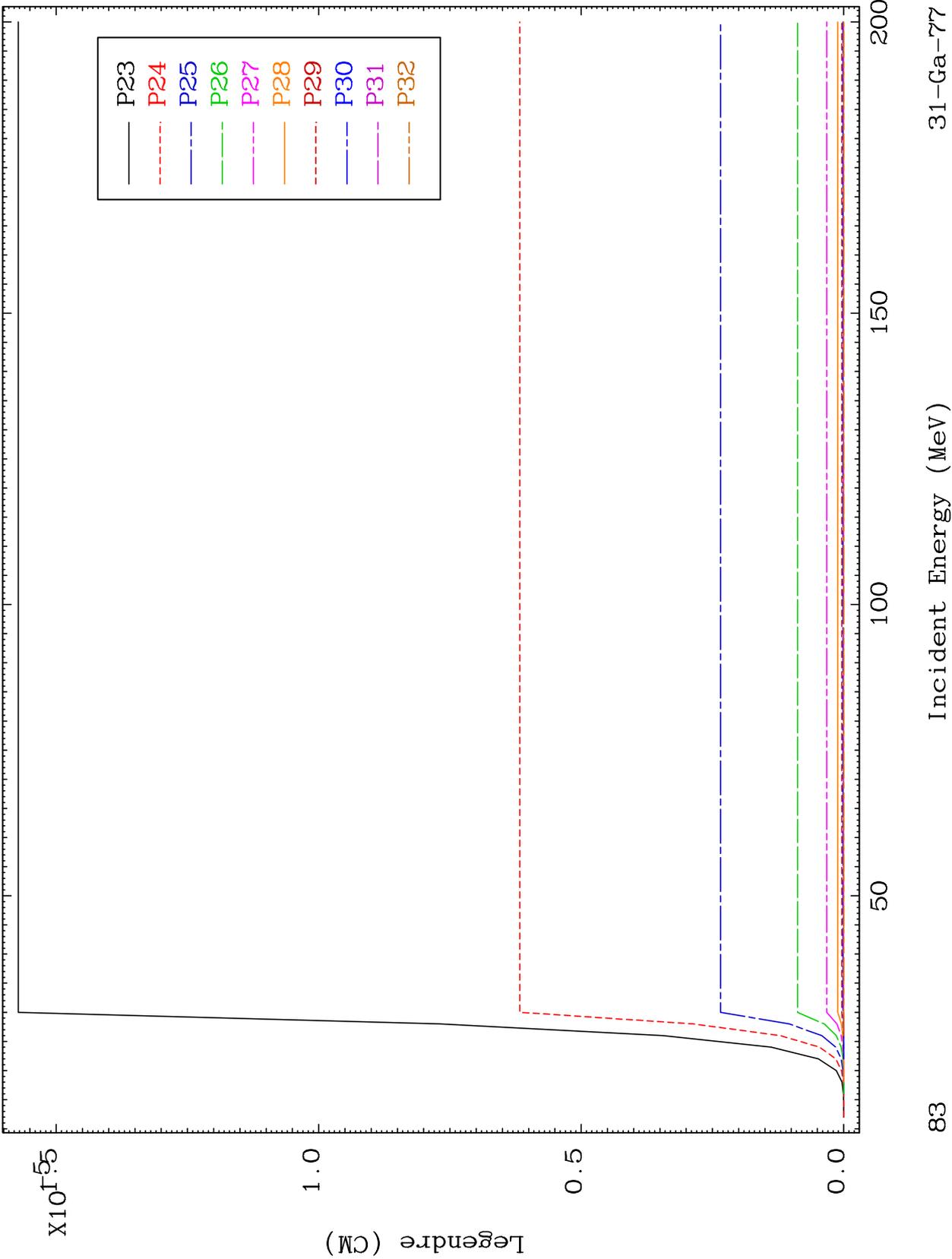
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



83

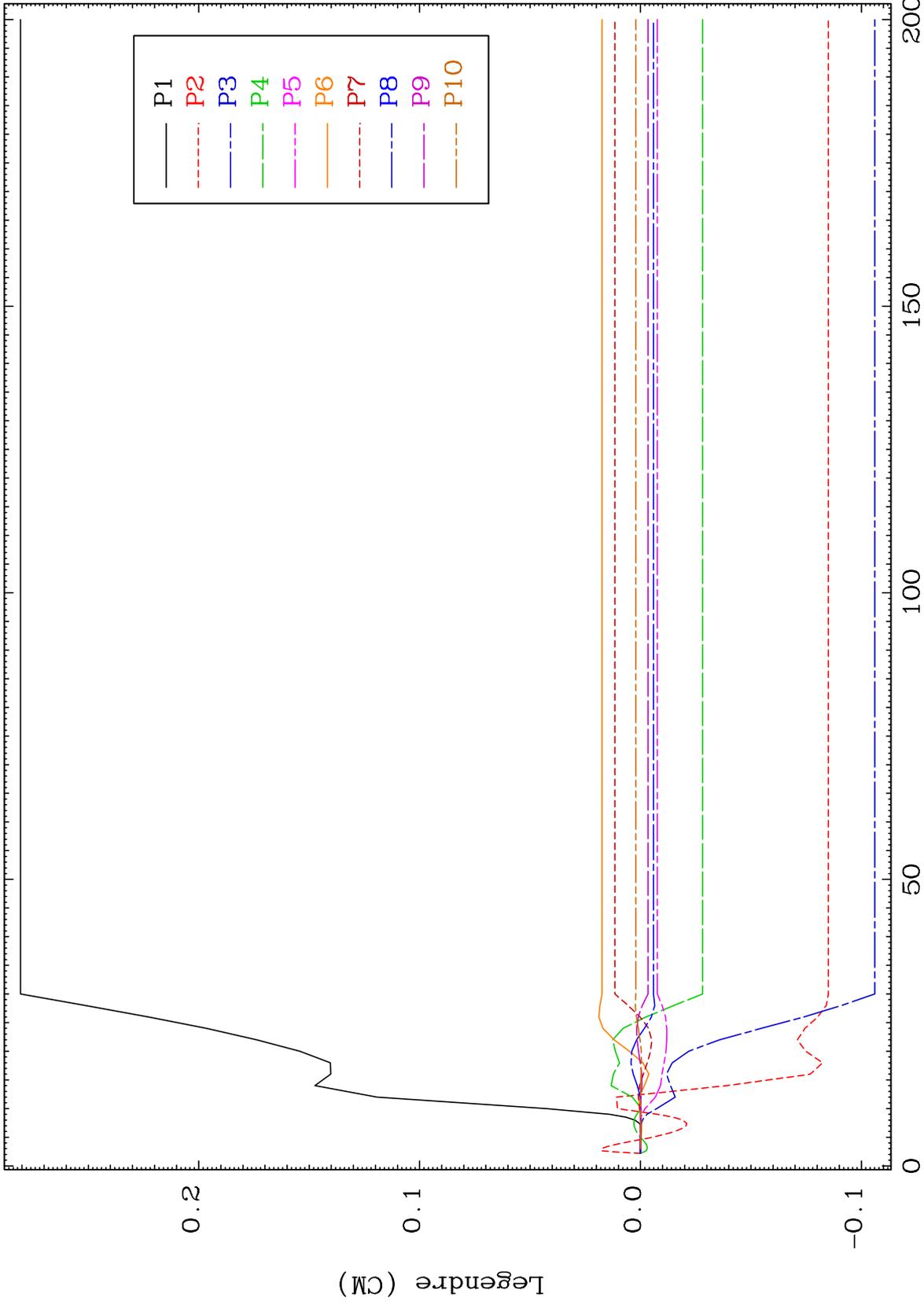
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

³¹Ga-77



84

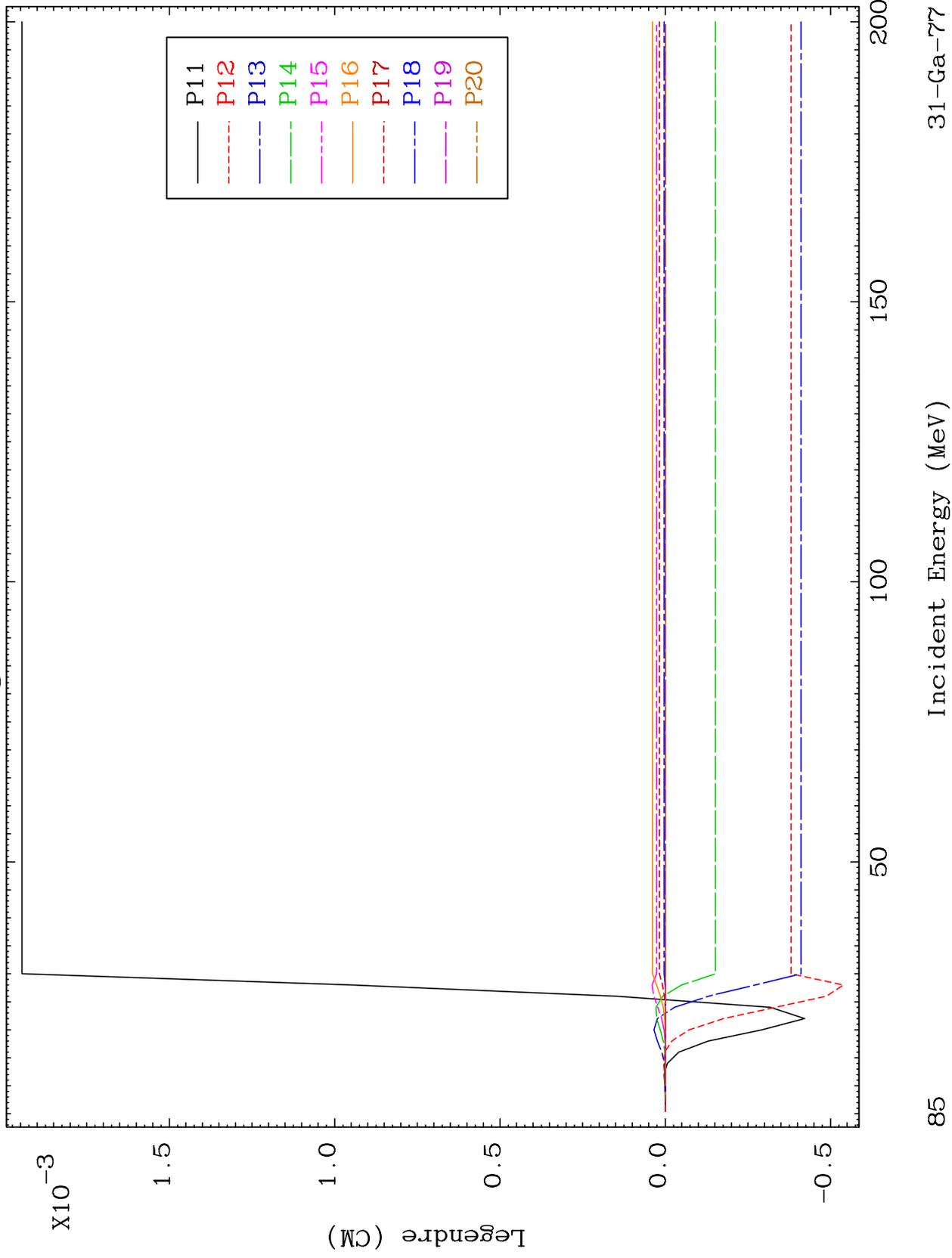
Incident Energy (MeV)

³¹Ga-77

MAT 3149

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

31-Ga-77



85

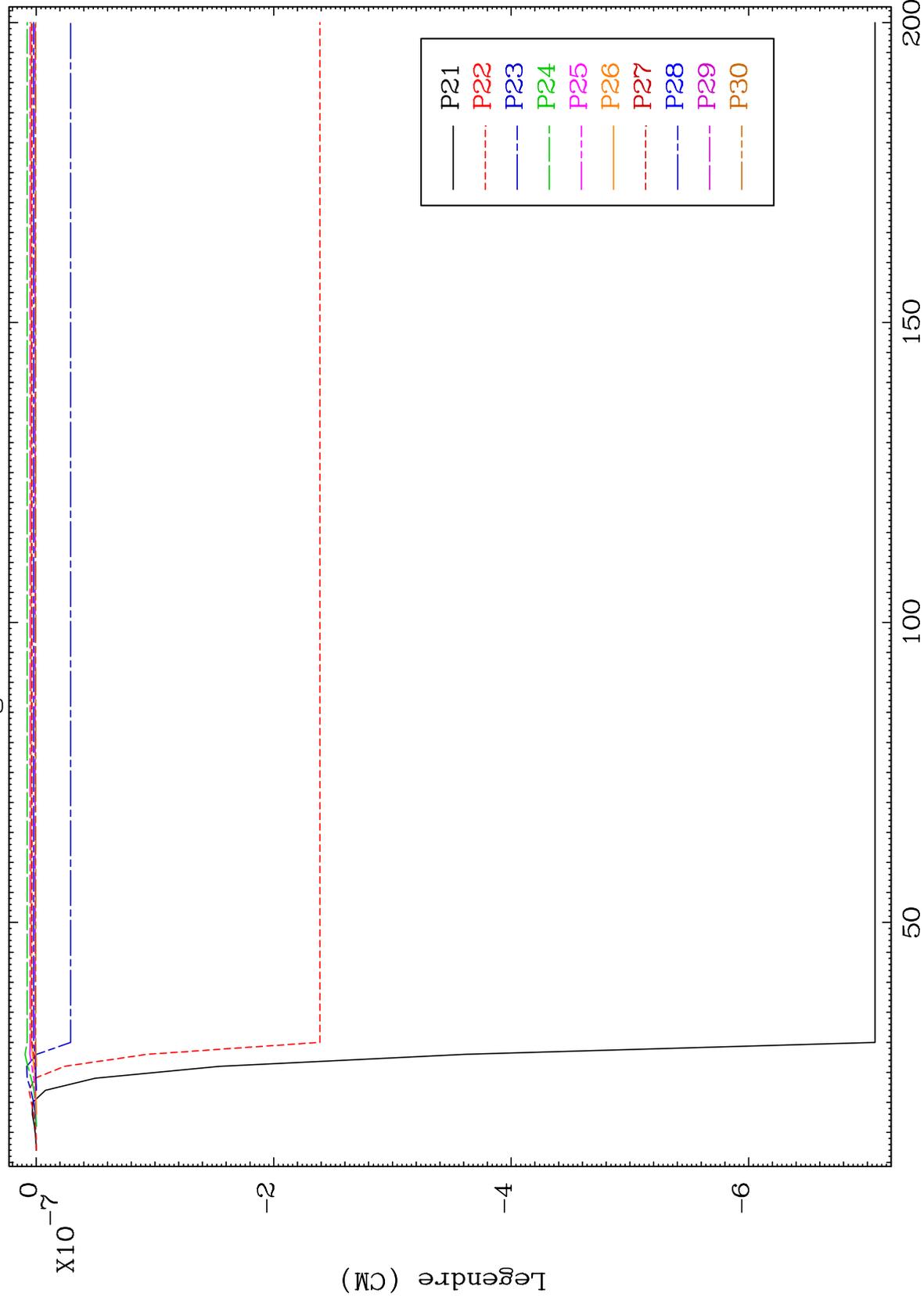
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



86

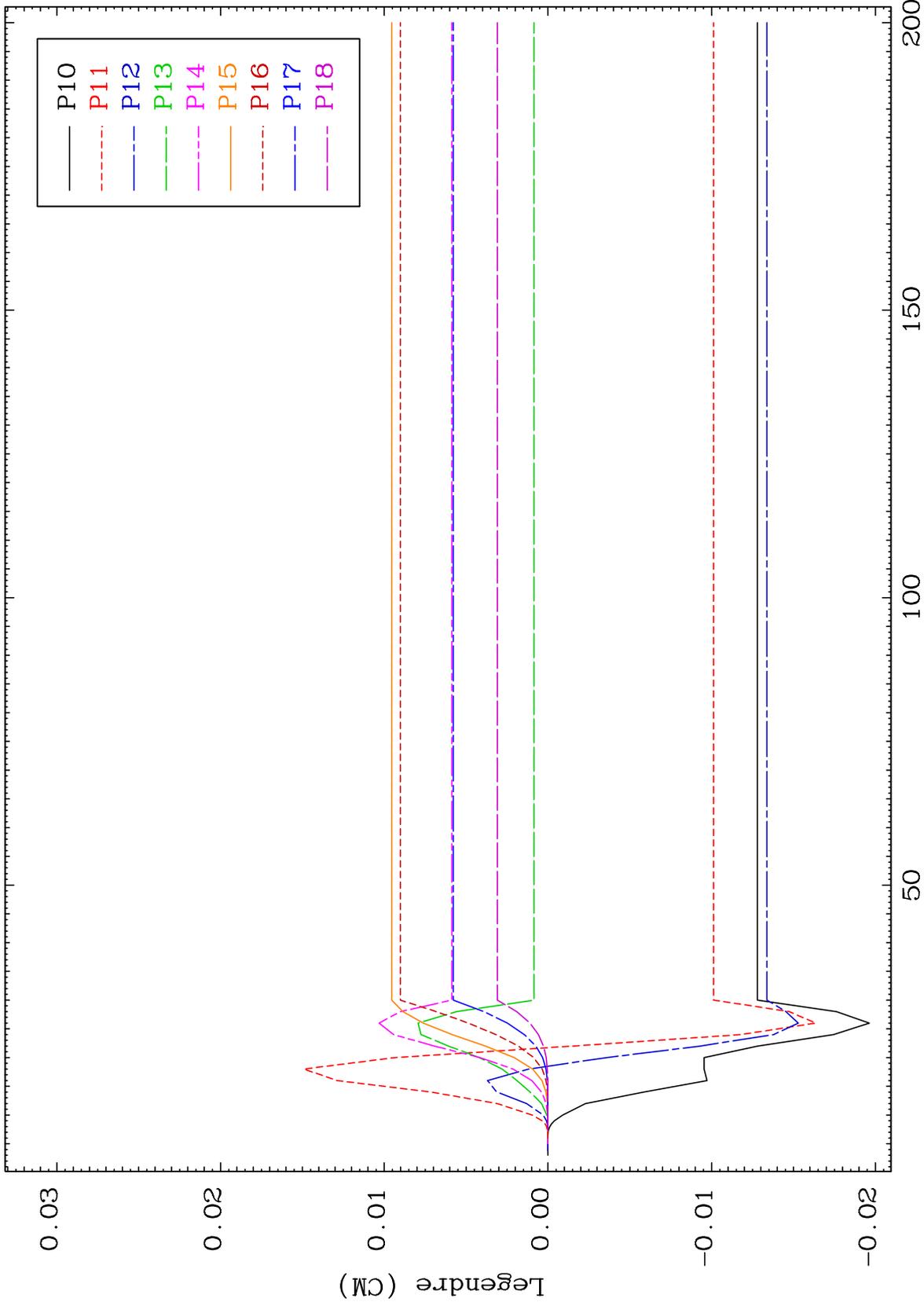
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

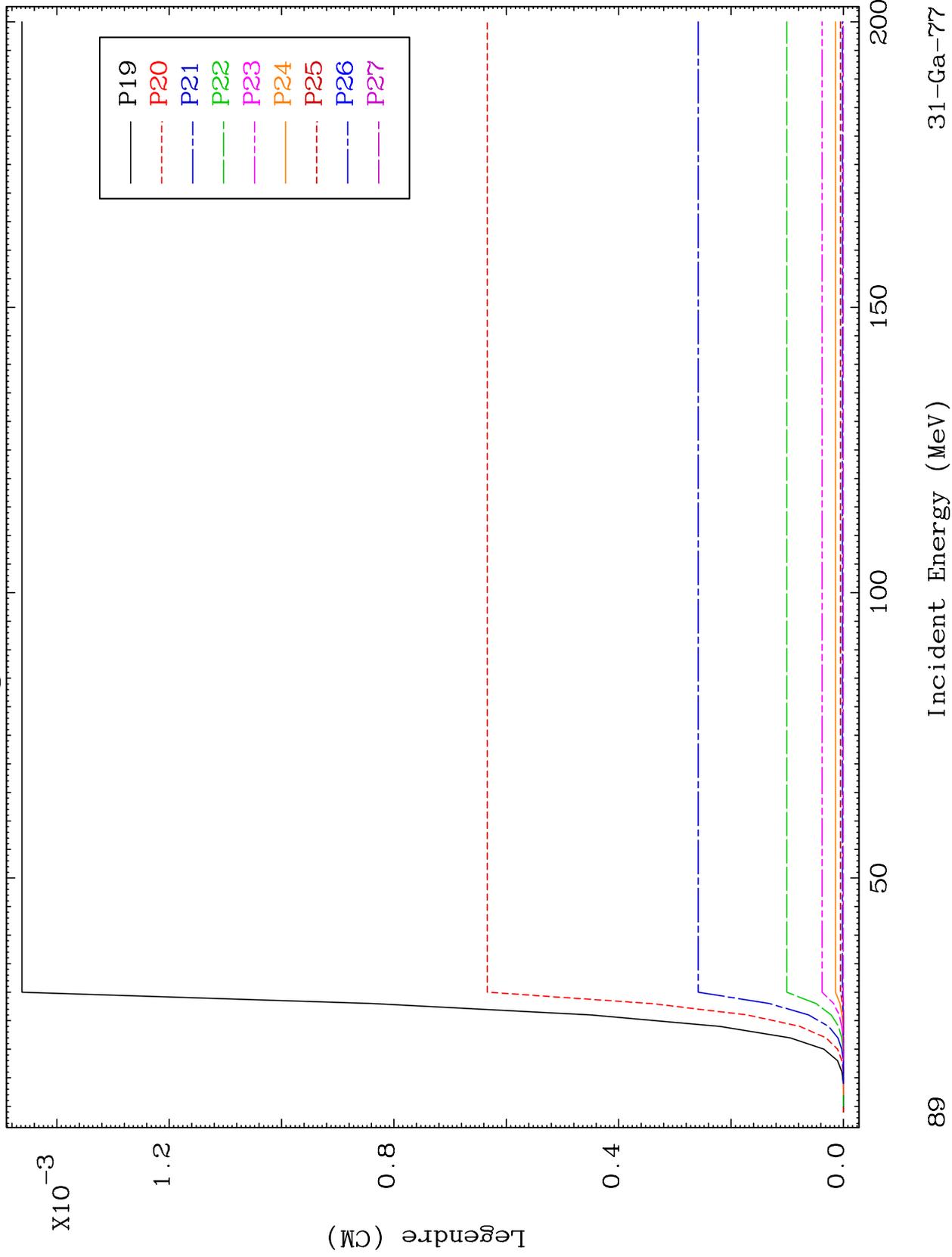
³¹Ga-77



MAT 3149

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

³¹Ga-77

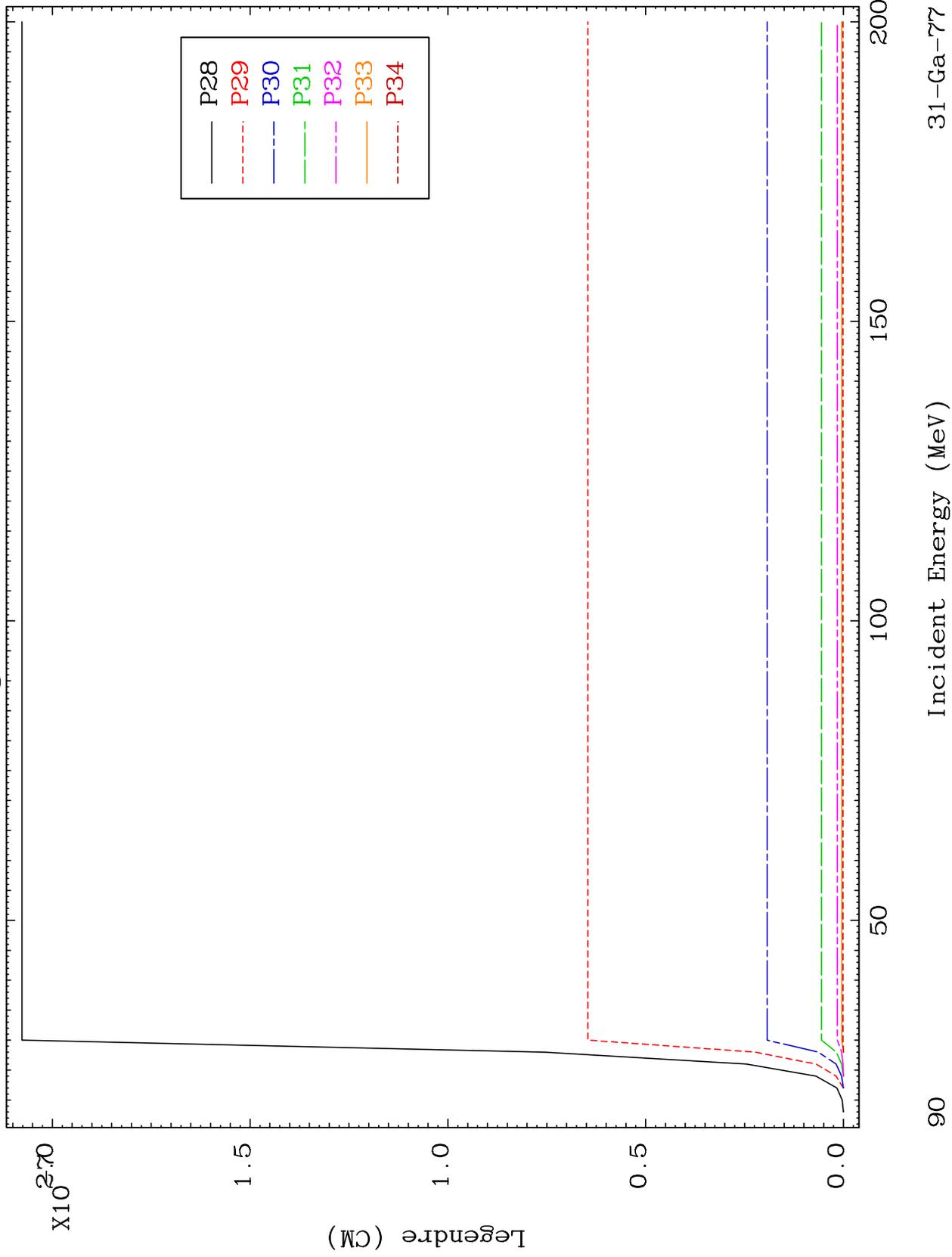


89

MAT 3149

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

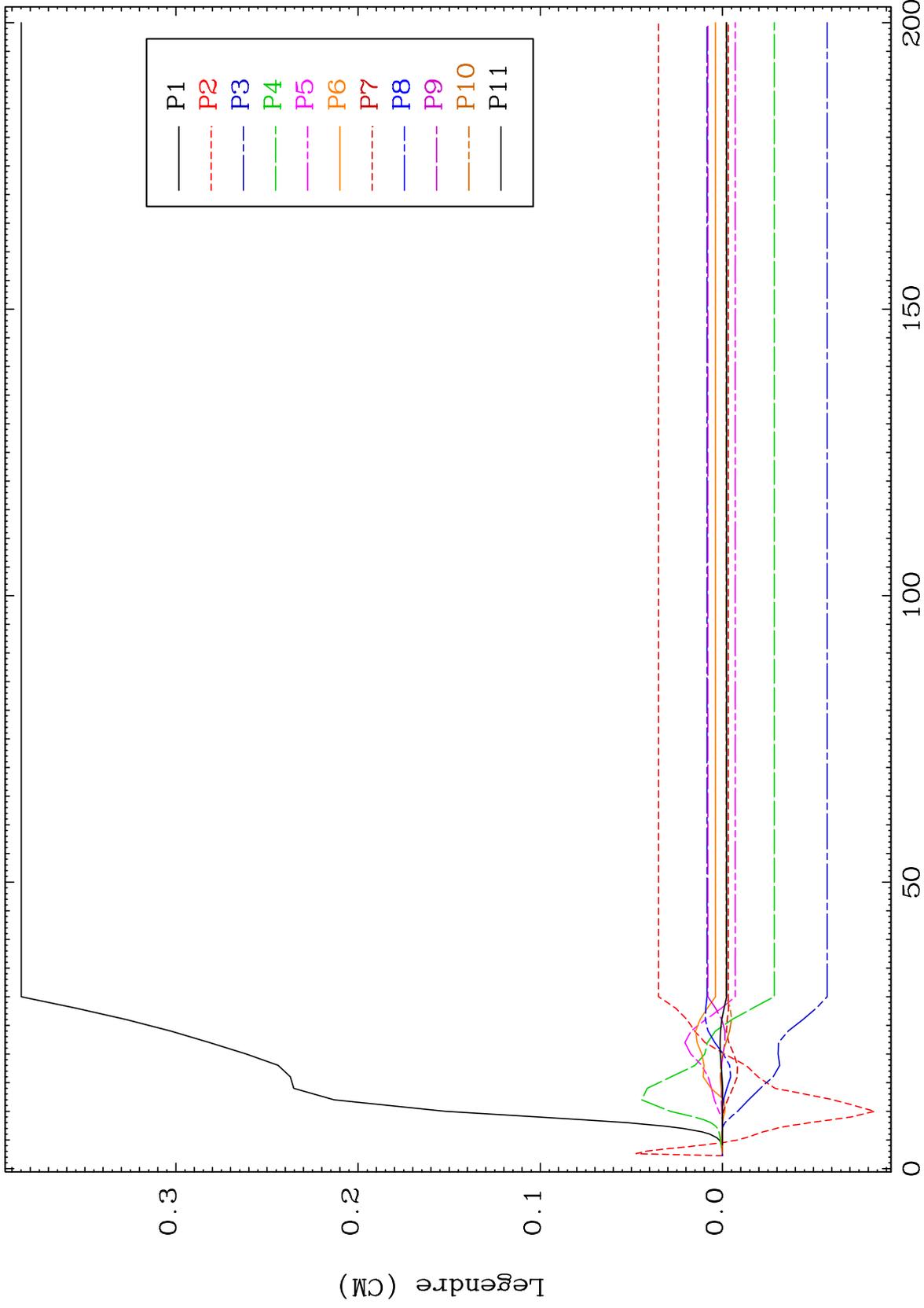
31-Ga-77



MAT 3149

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

31-Ga-77



91

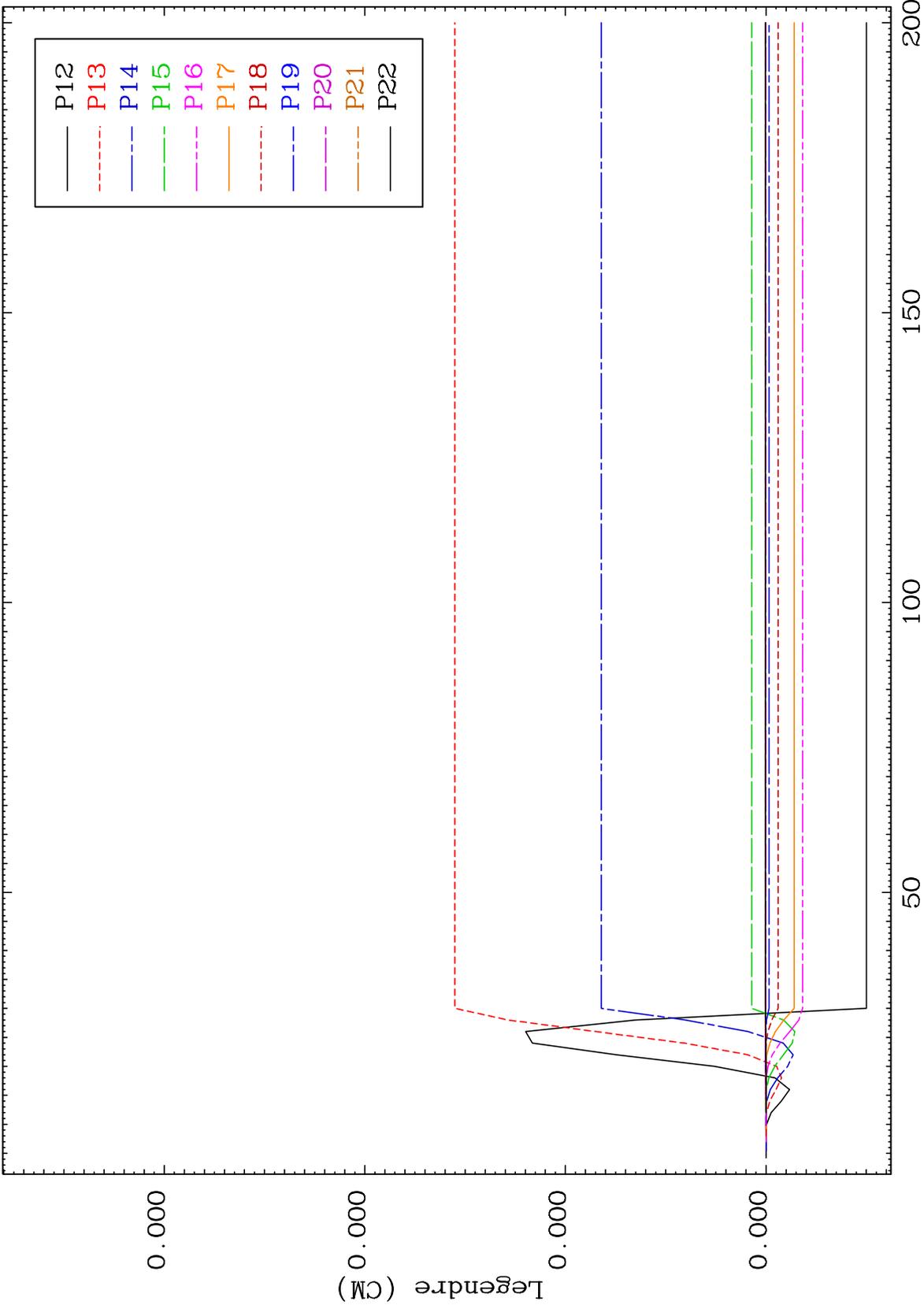
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



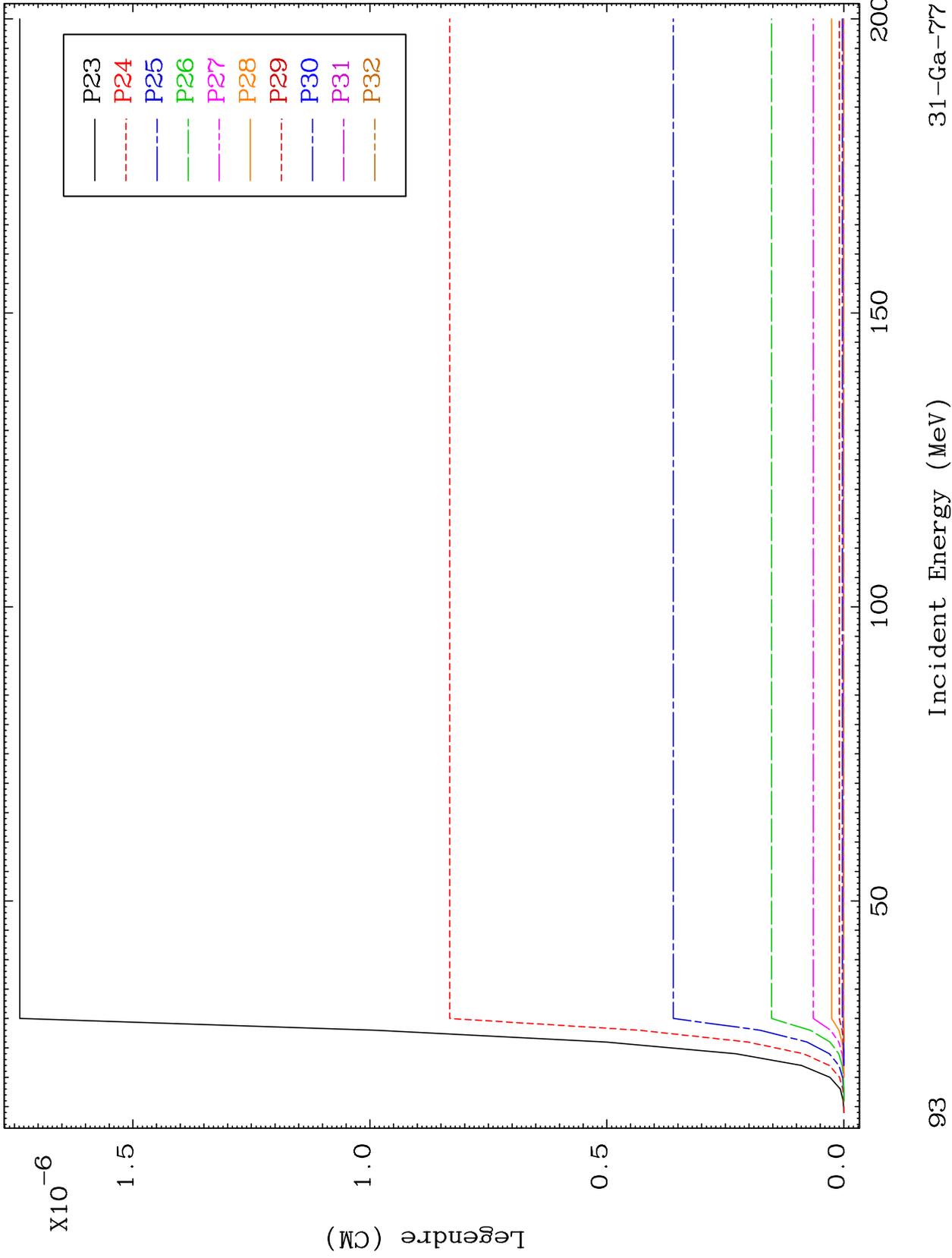
92

31-Ga-77

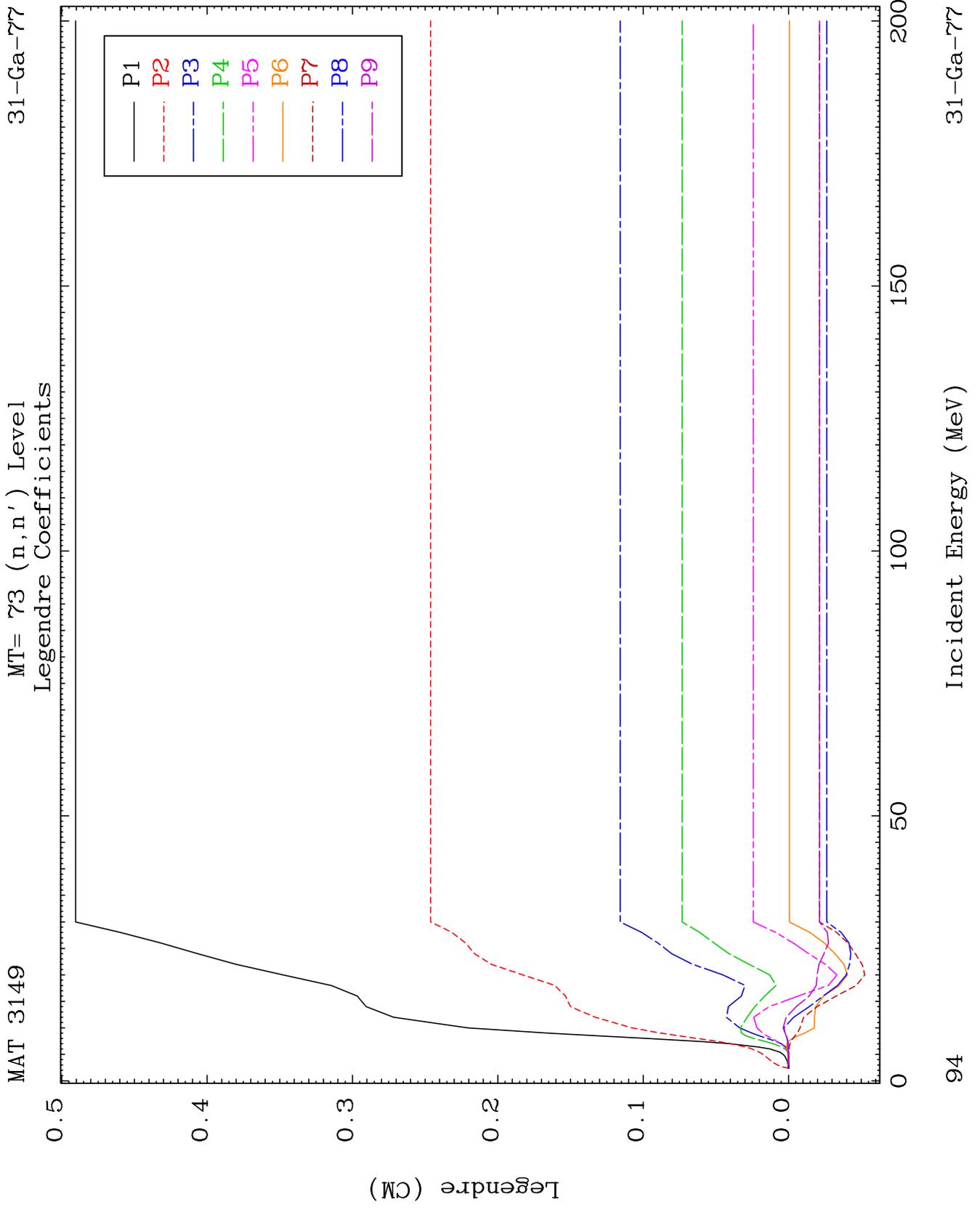
MAT 3149

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

³¹Ga-77



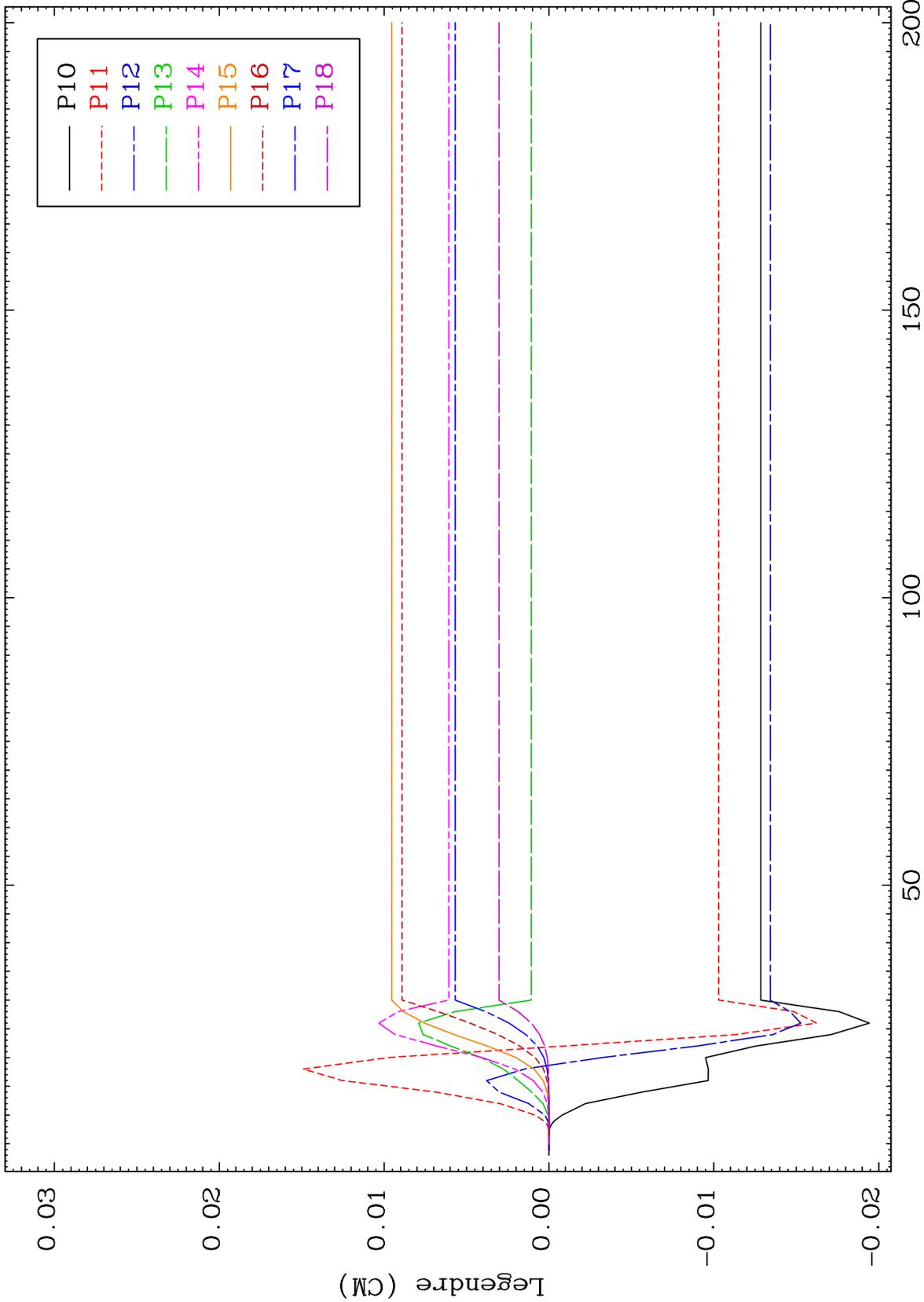
93



MAT 3149

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

³¹Ga-77



95

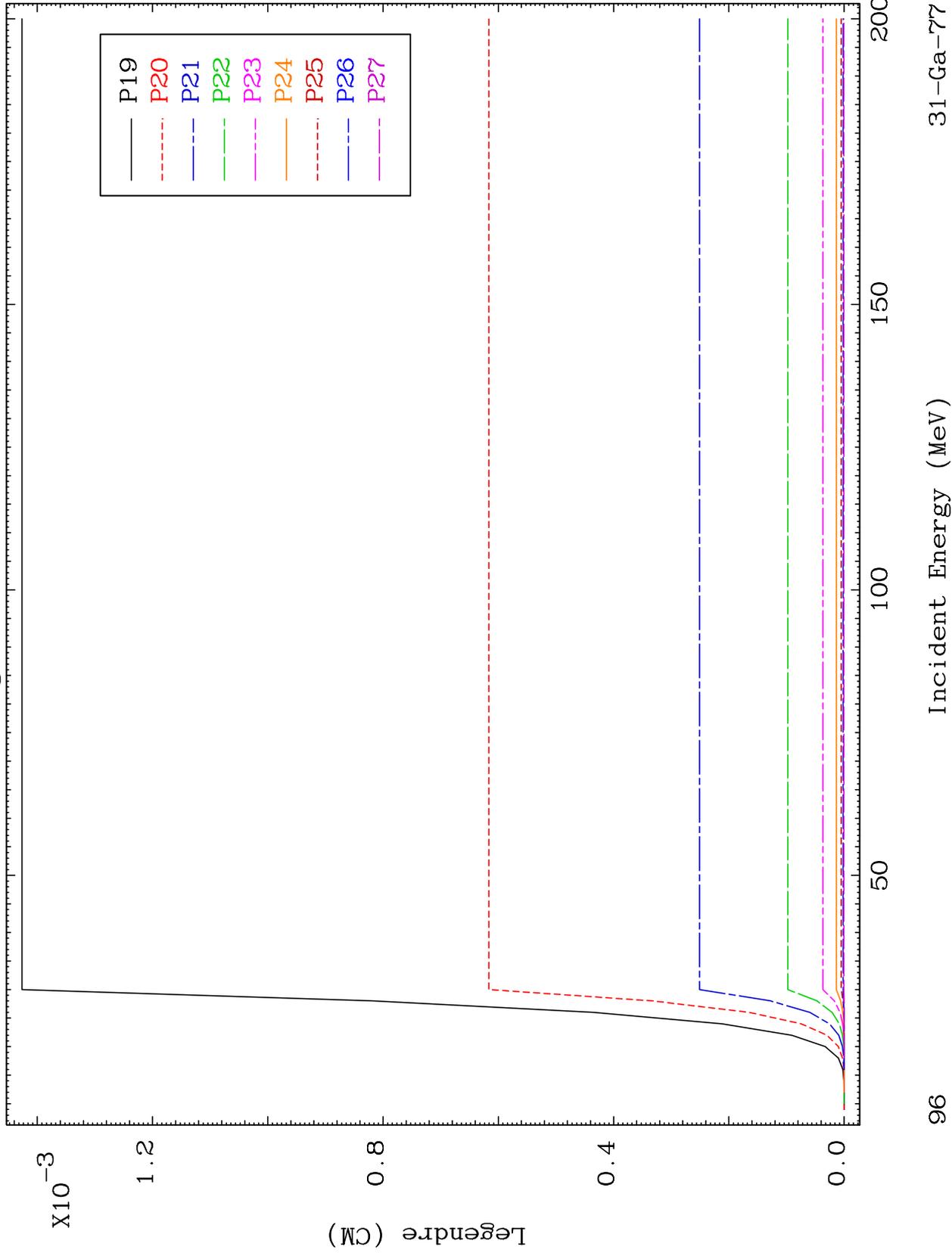
Incident Energy (MeV)

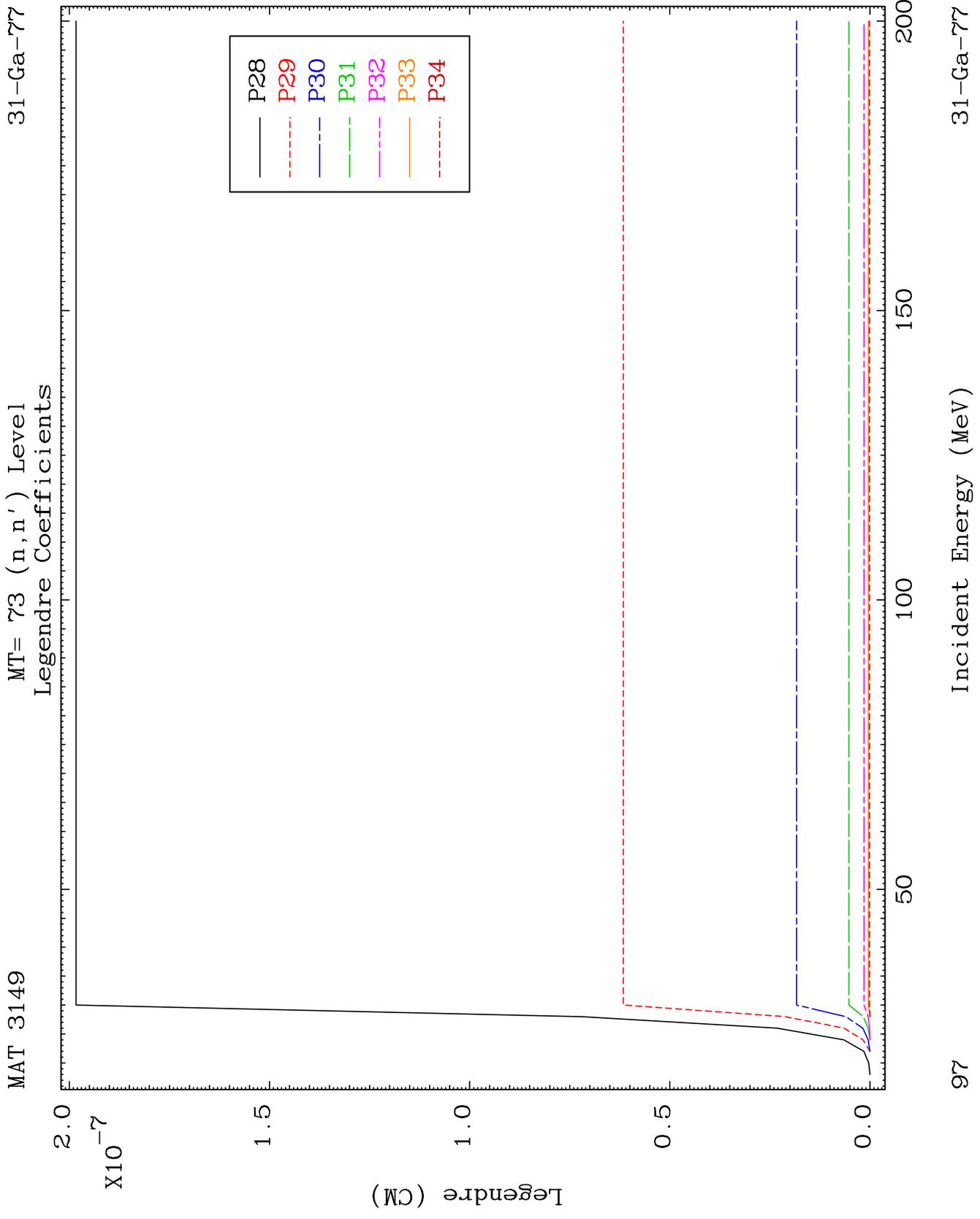
³¹Ga-77

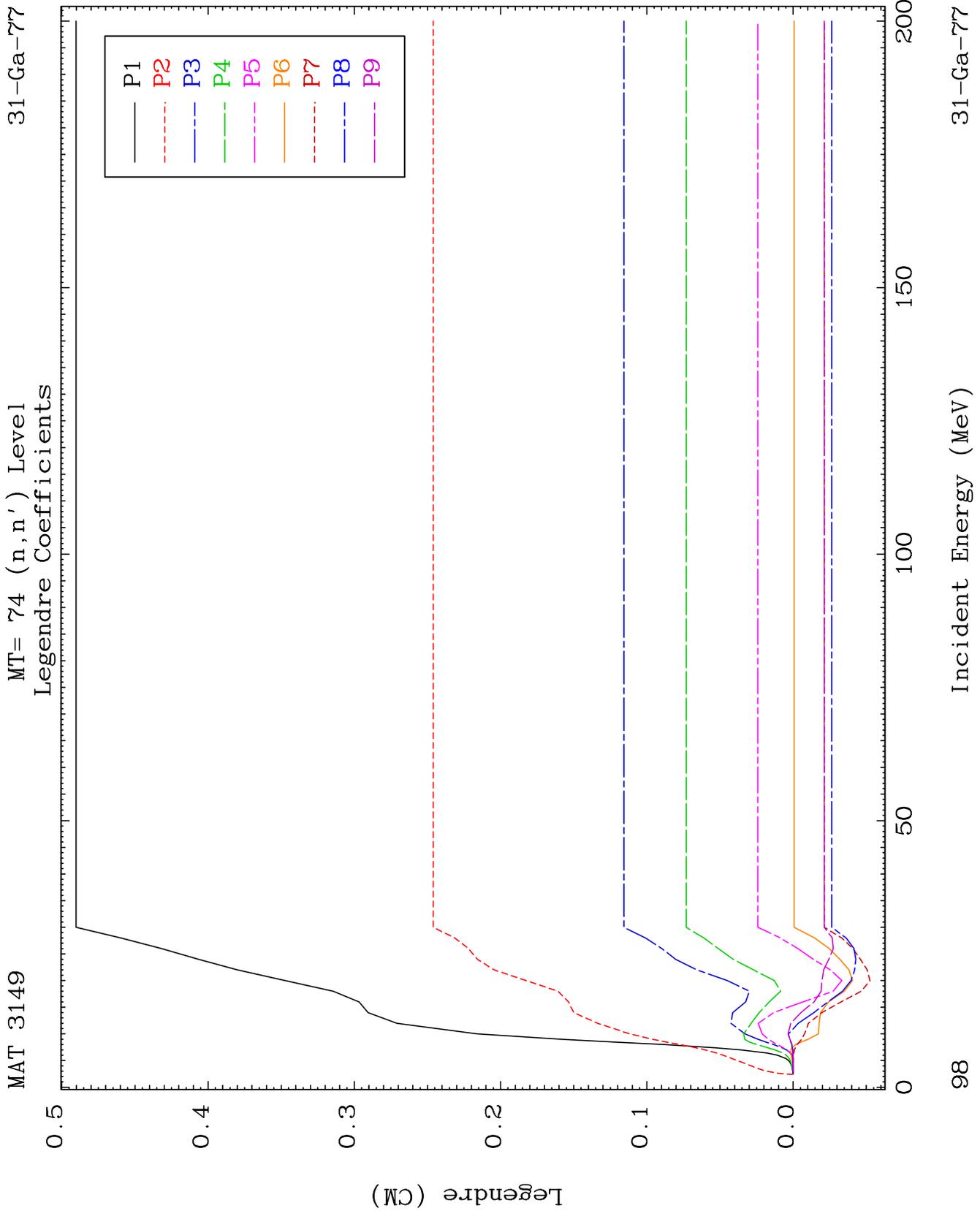
MAT 3149

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

31-Ga-77



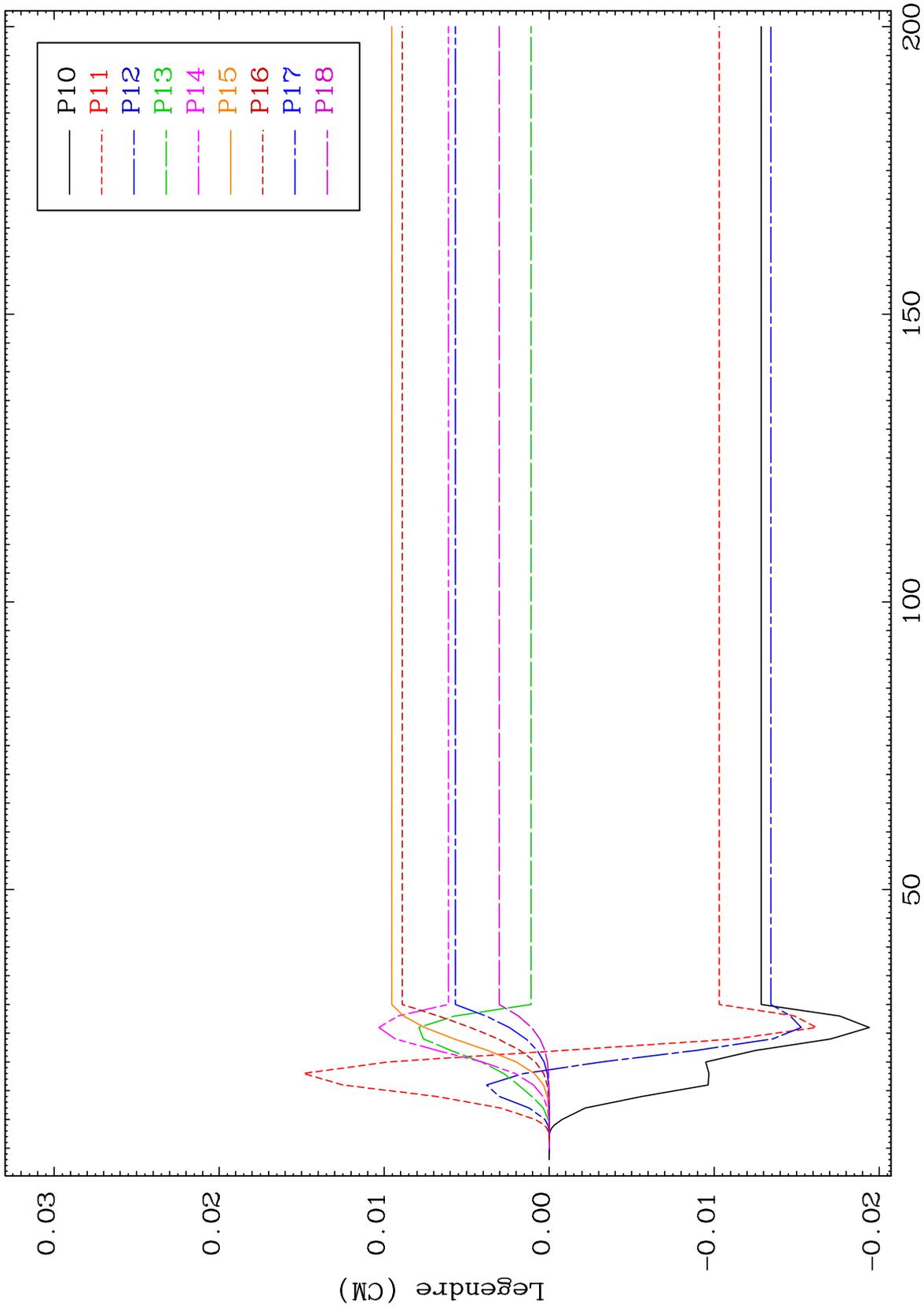




MAT 3149

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

³¹Ga-77



99

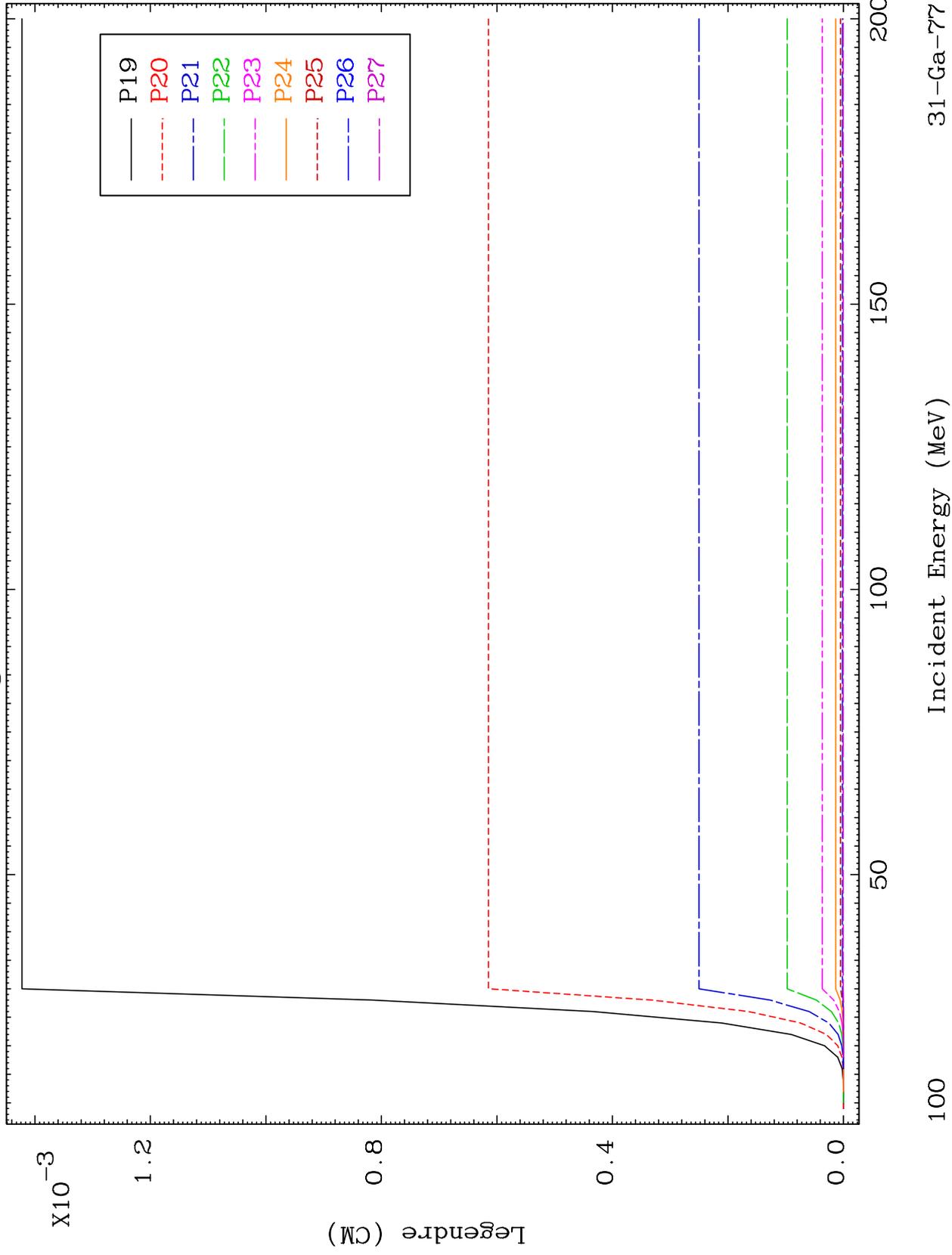
Incident Energy (MeV)

³¹Ga-77

MAT 3149

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

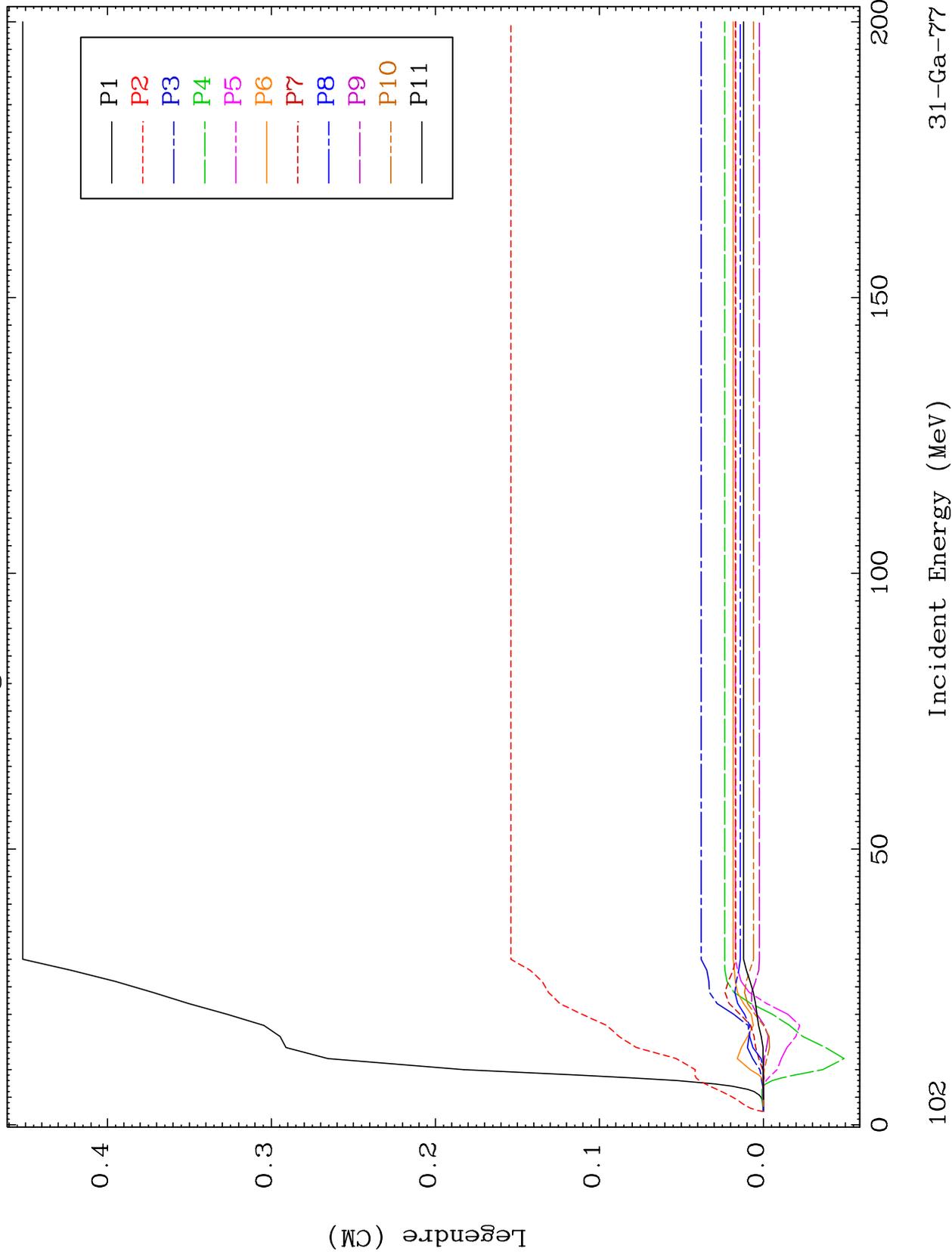
31-Ga-77



MAT 3149

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

31-Ga-77



31-Ga-77

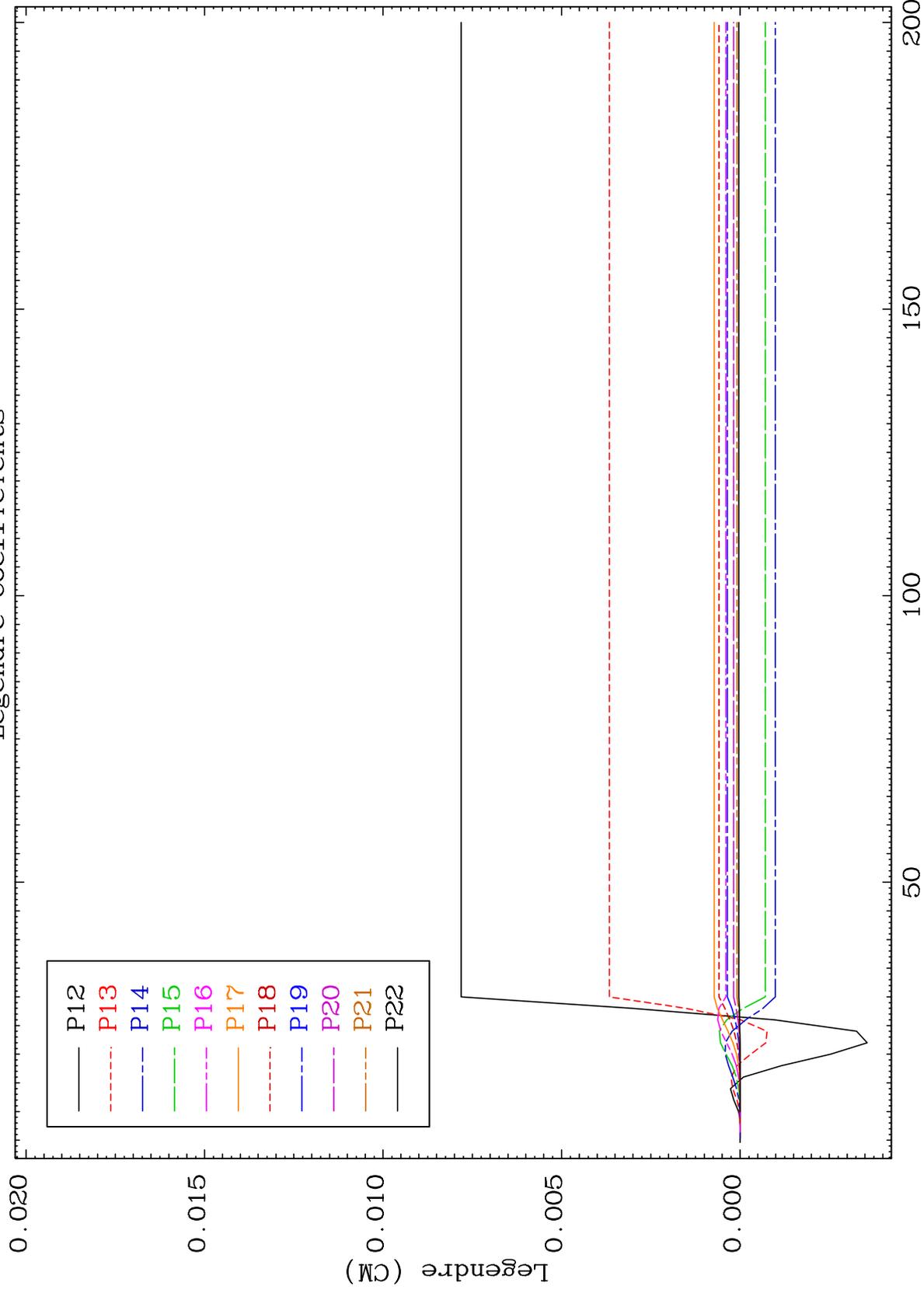
Incident Energy (MeV)

102

MAT 3149

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

31-Ga-77



103

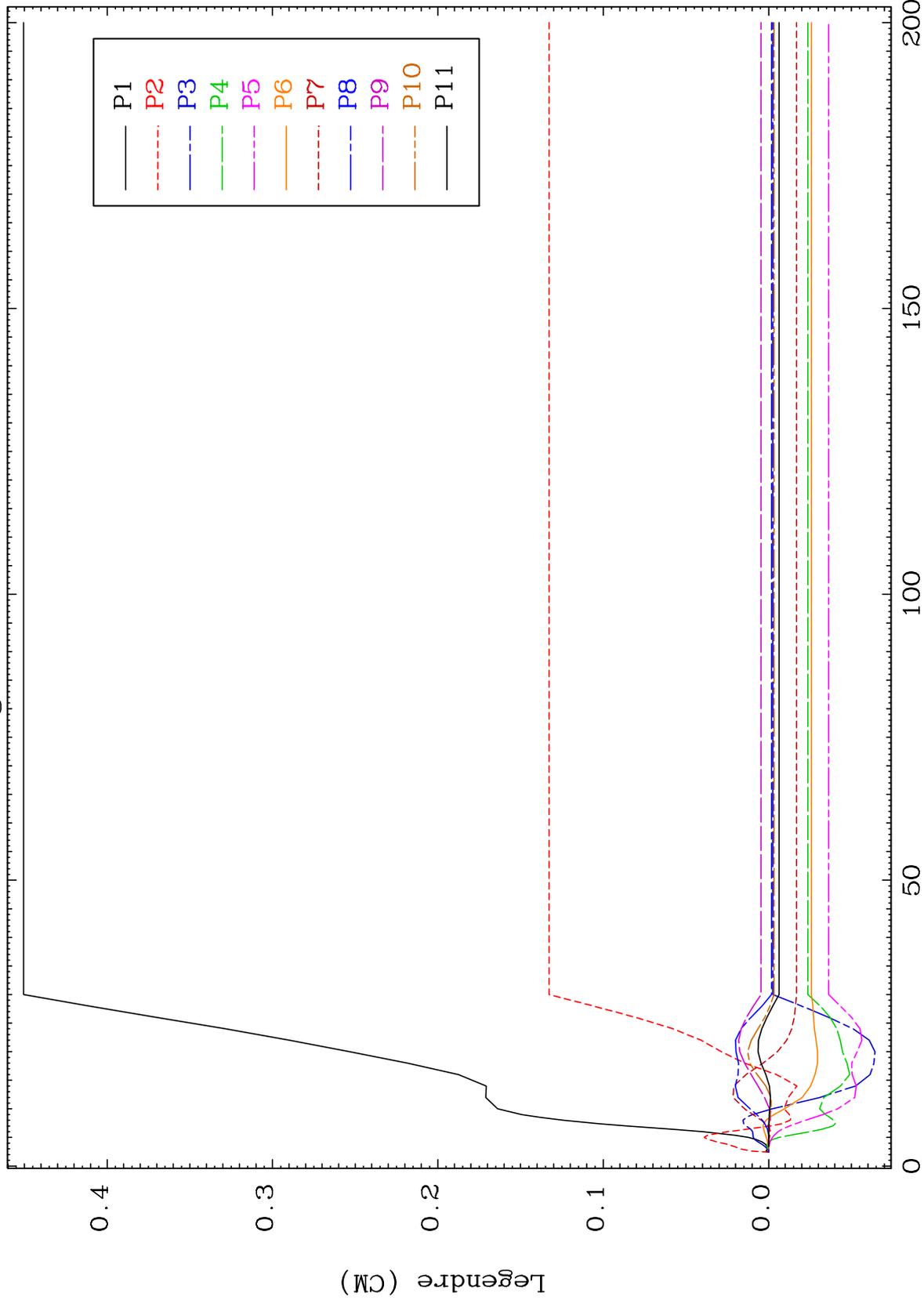
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



105

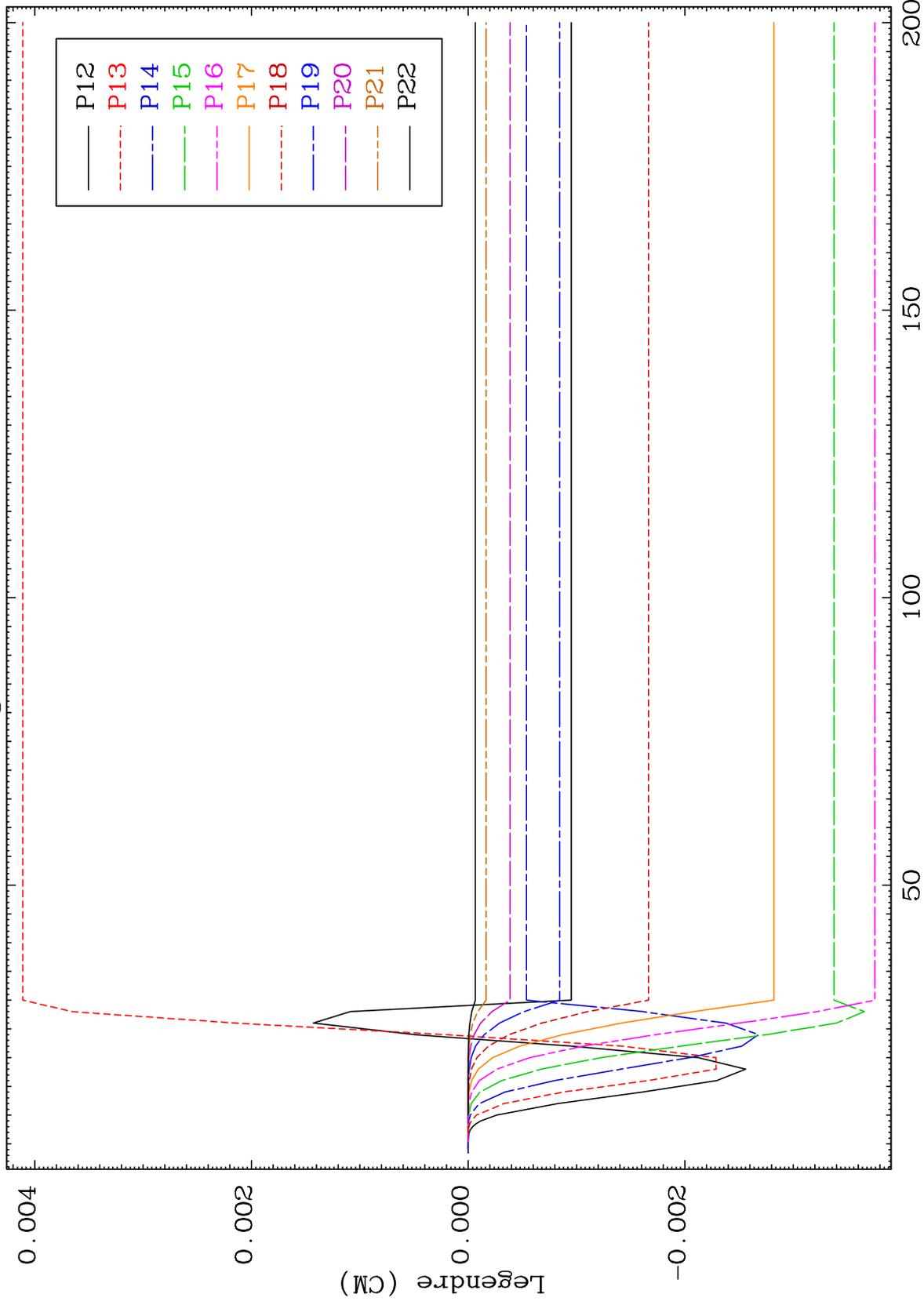
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



106

Incident Energy (MeV)

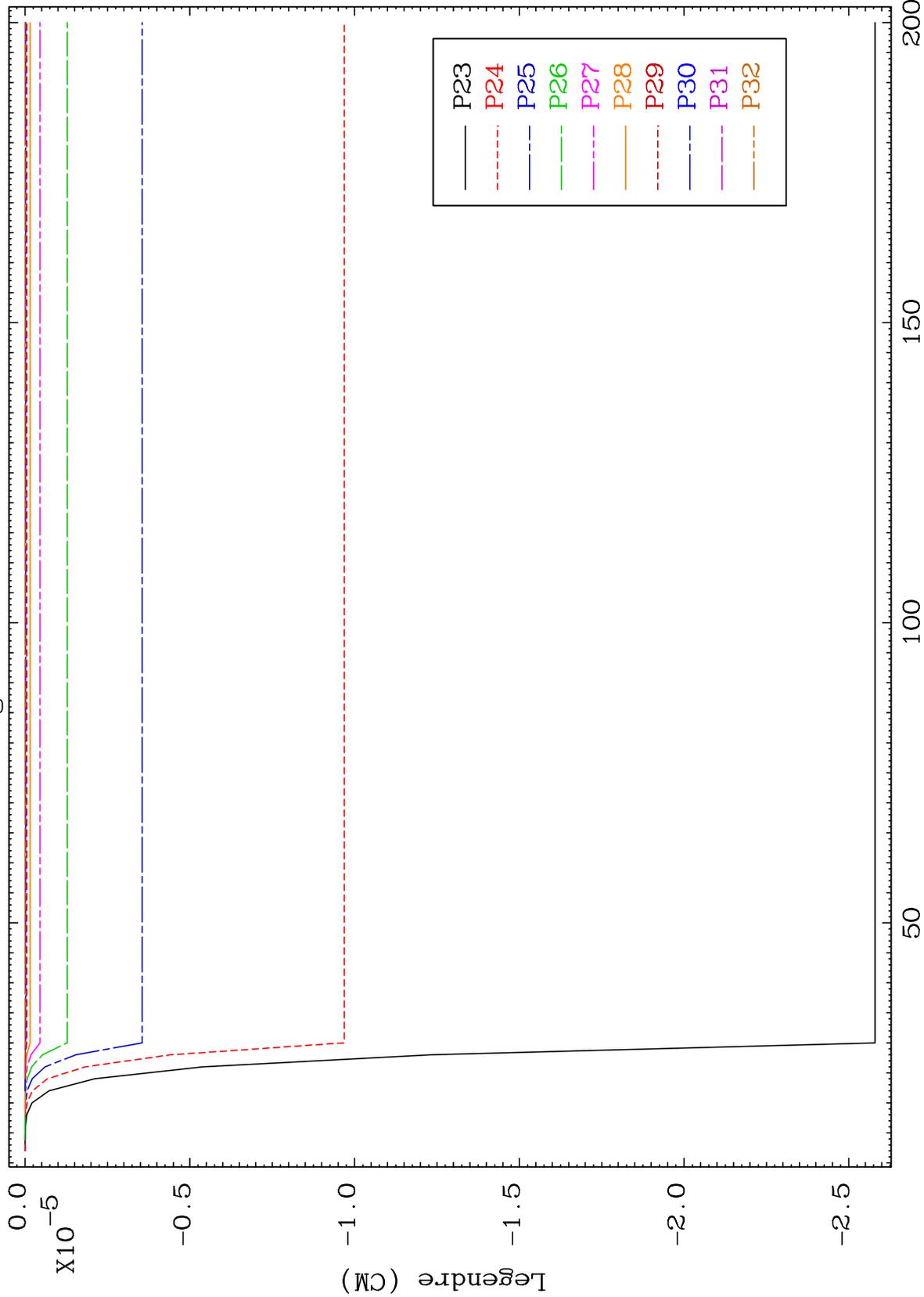
31-Ga-77

MAT 3149

MT= 76 (n,n') Level

31-Ga-77

Legendre Coefficients



107

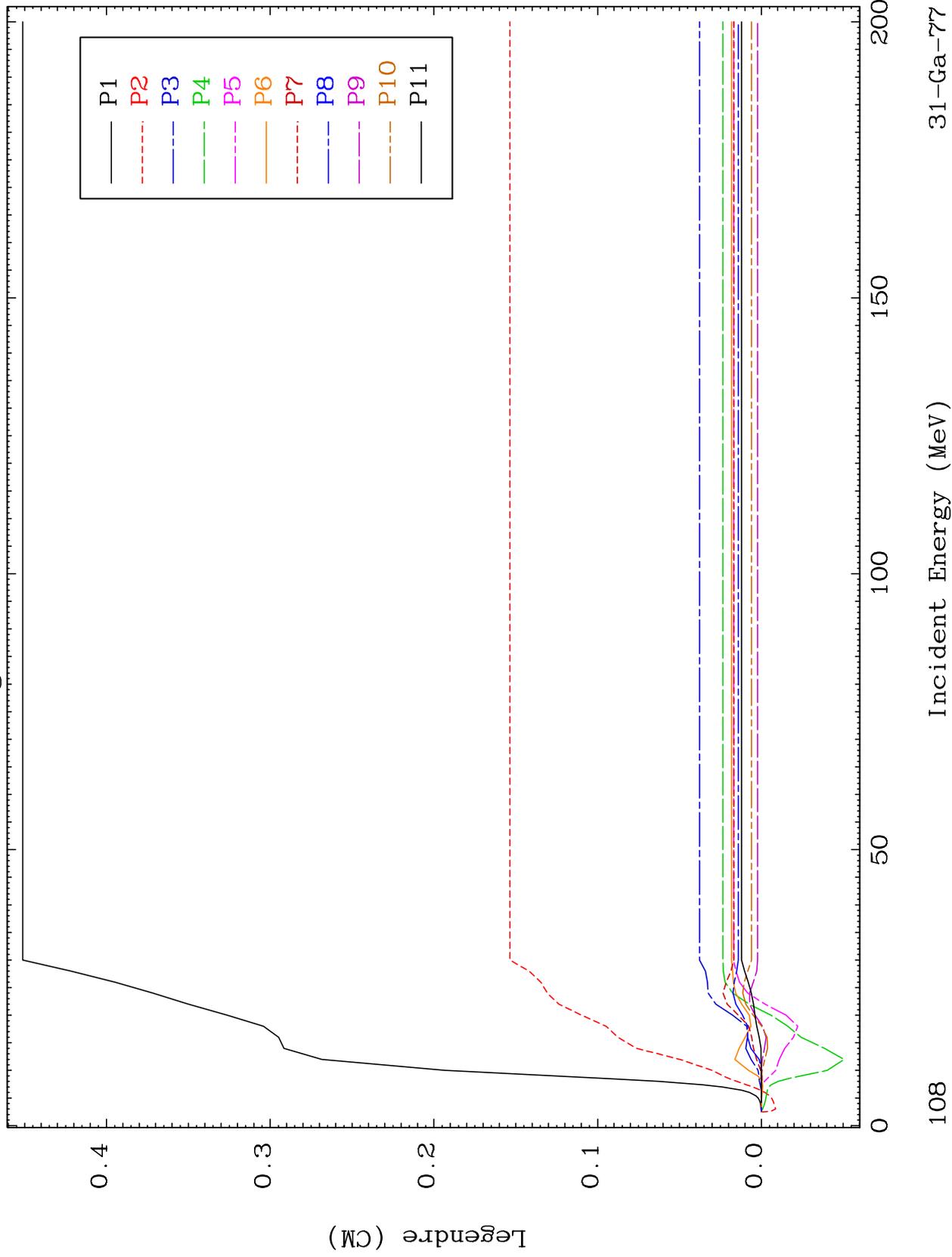
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



108

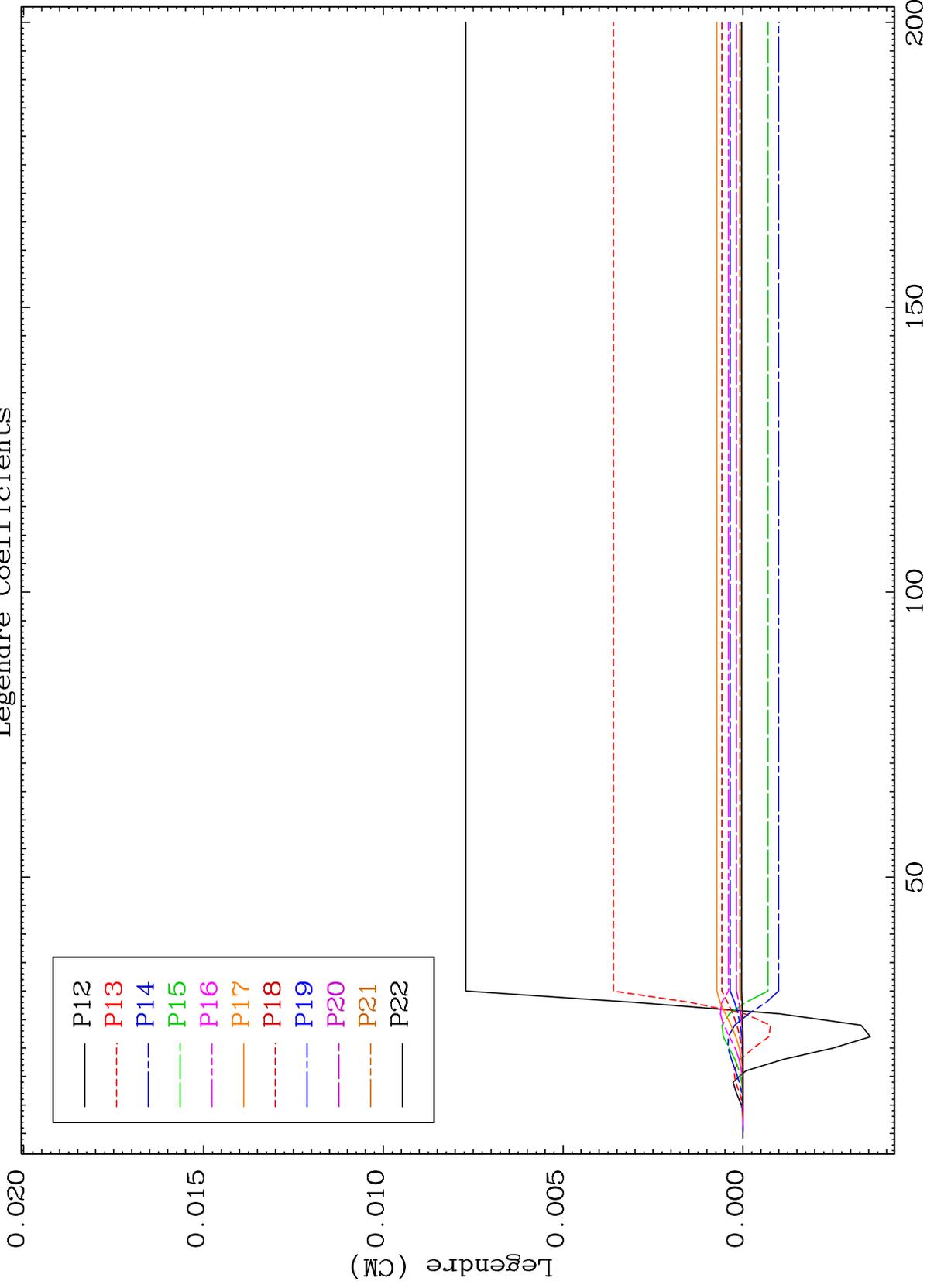
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



109

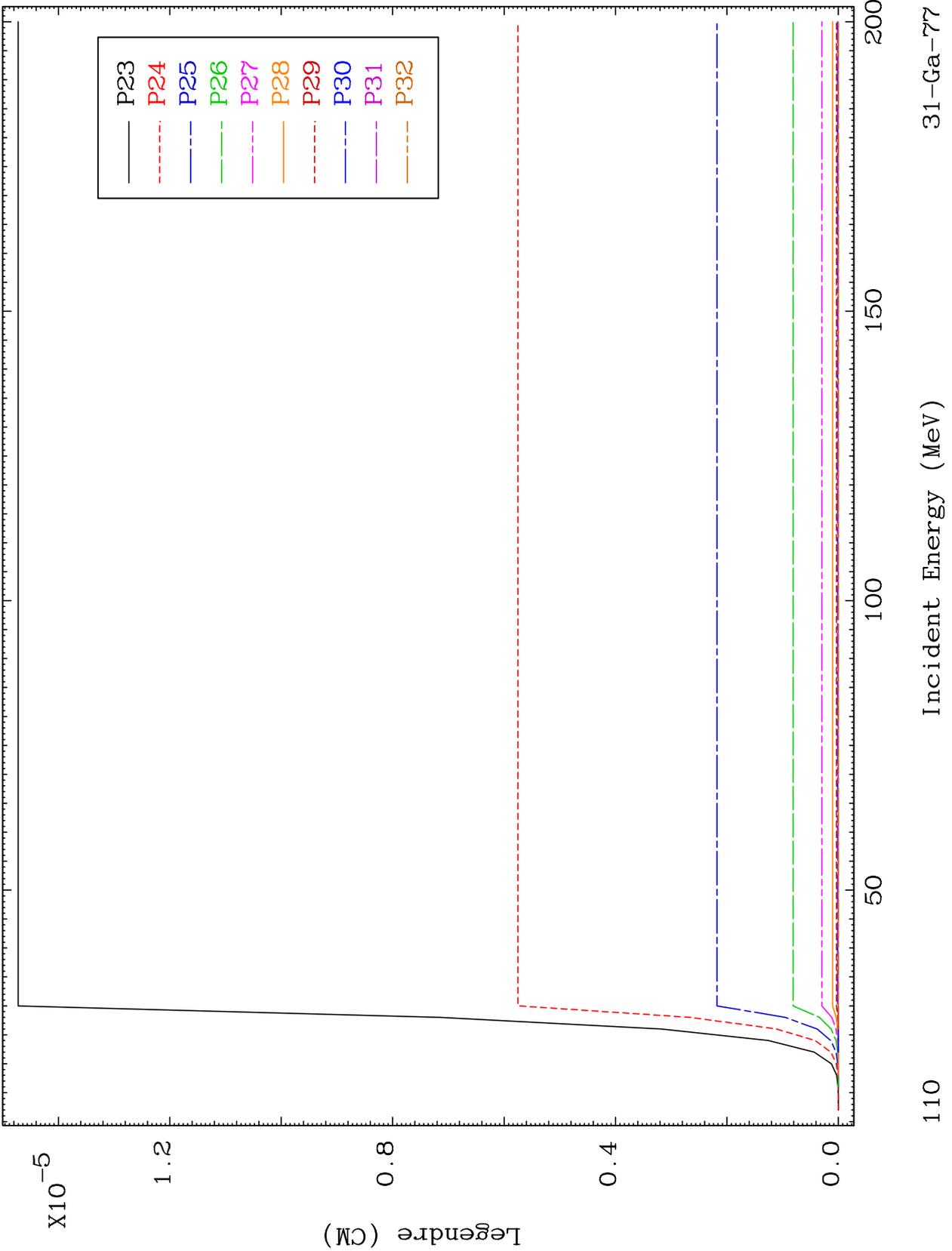
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

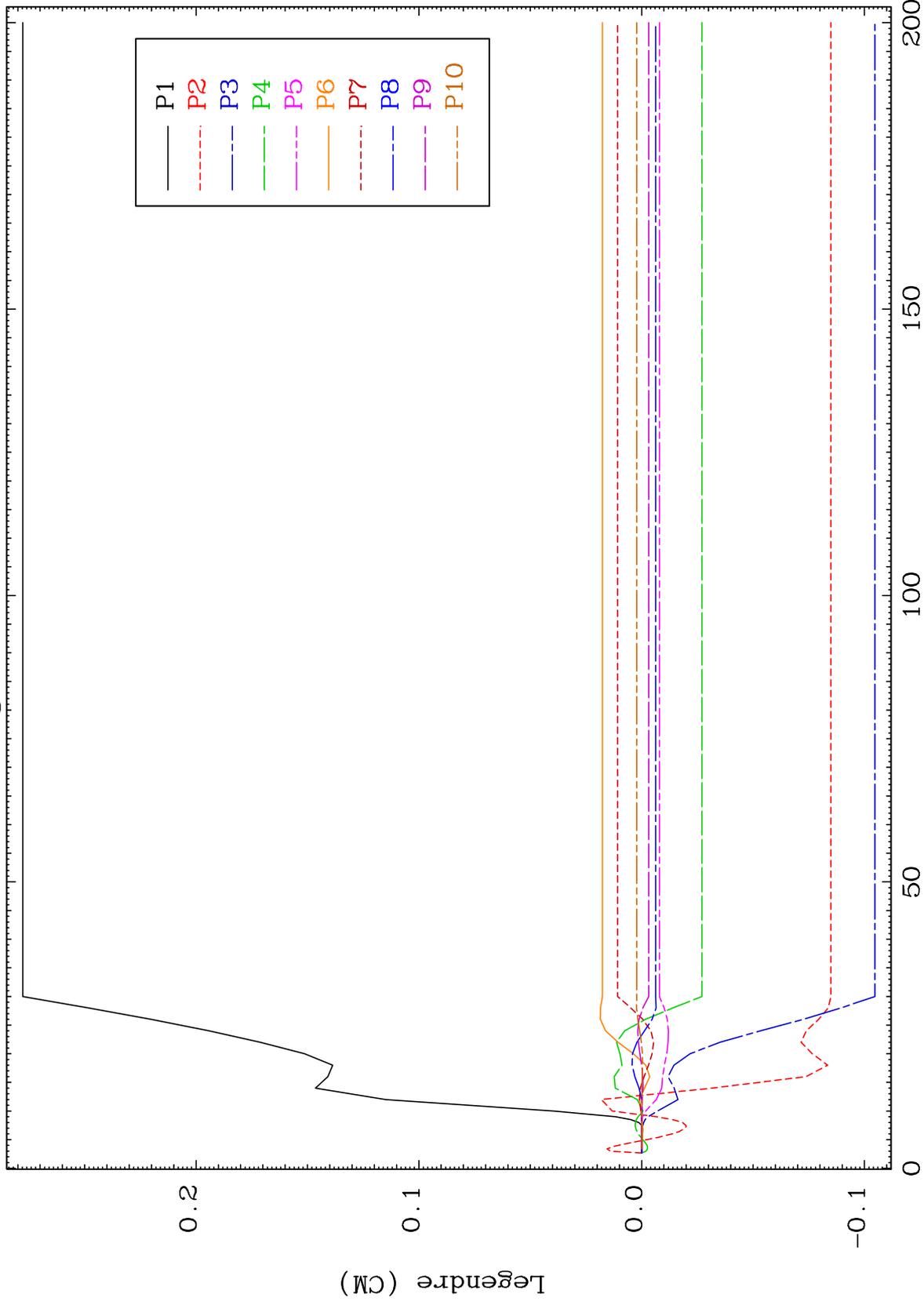
31-Ga-77



MAT 3149

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

31-Ga-77



111

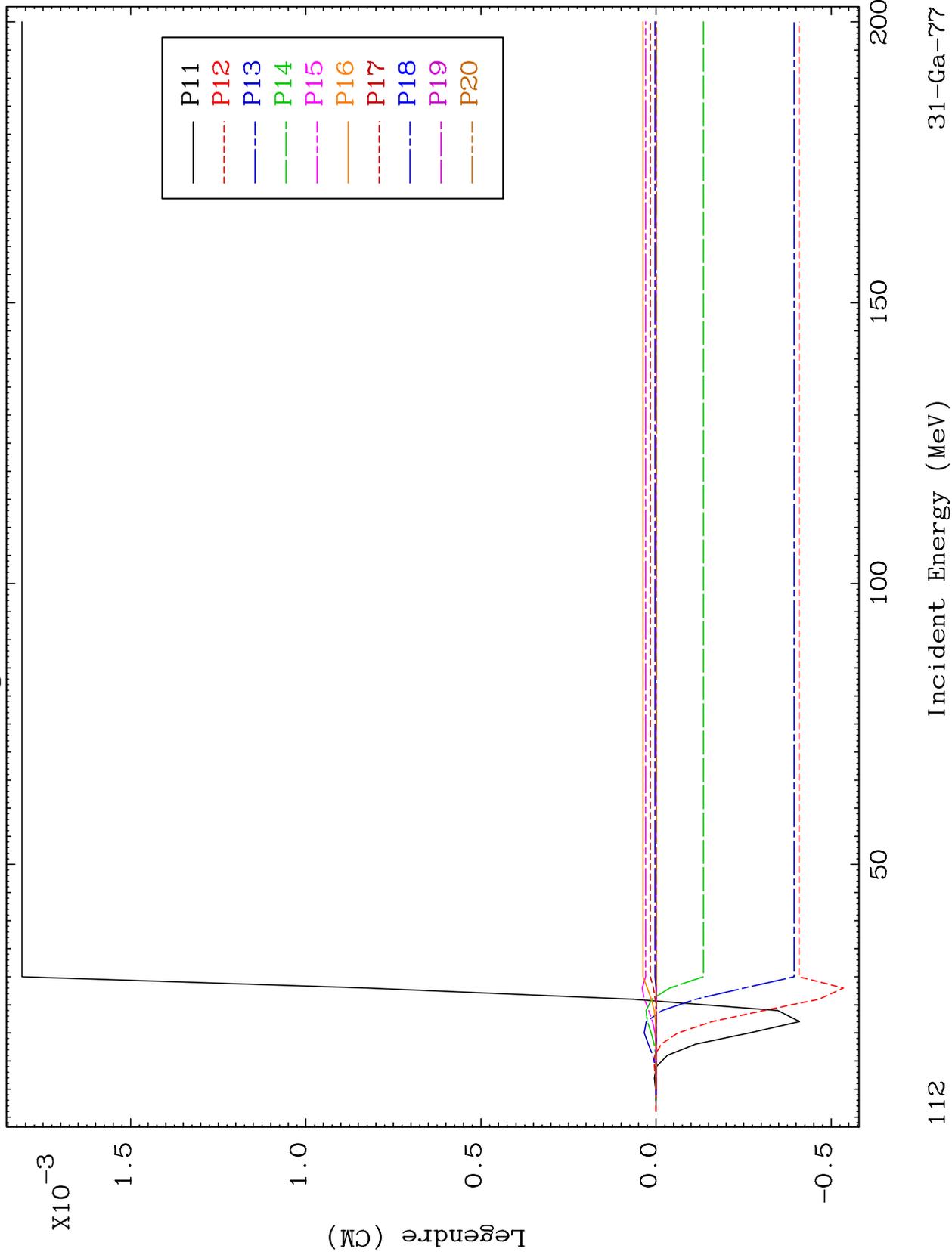
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



112

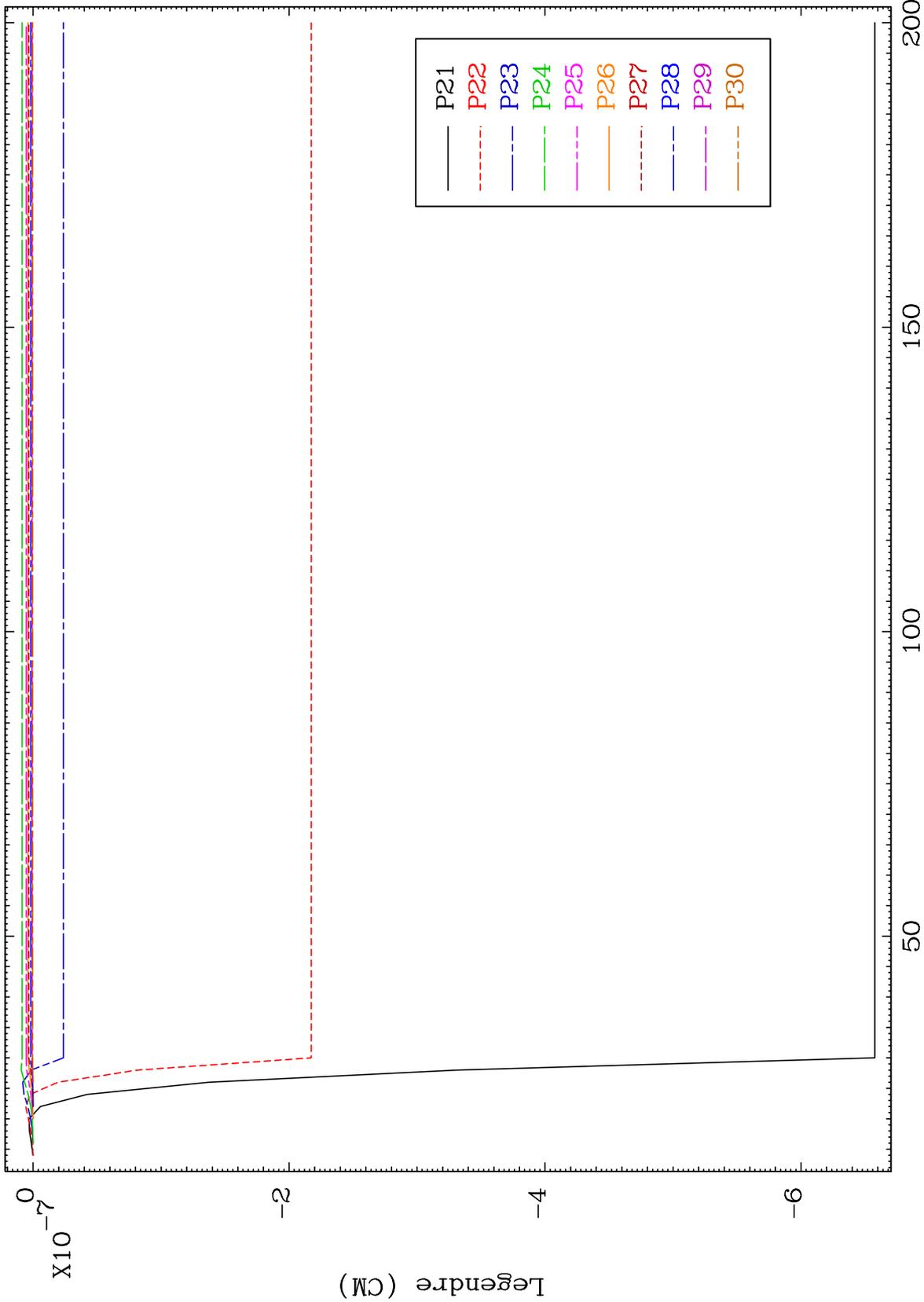
31-Ga-77

MAT 3149

MT= 78 (n,n') Level

31-Ga-77

Legendre Coefficients



113

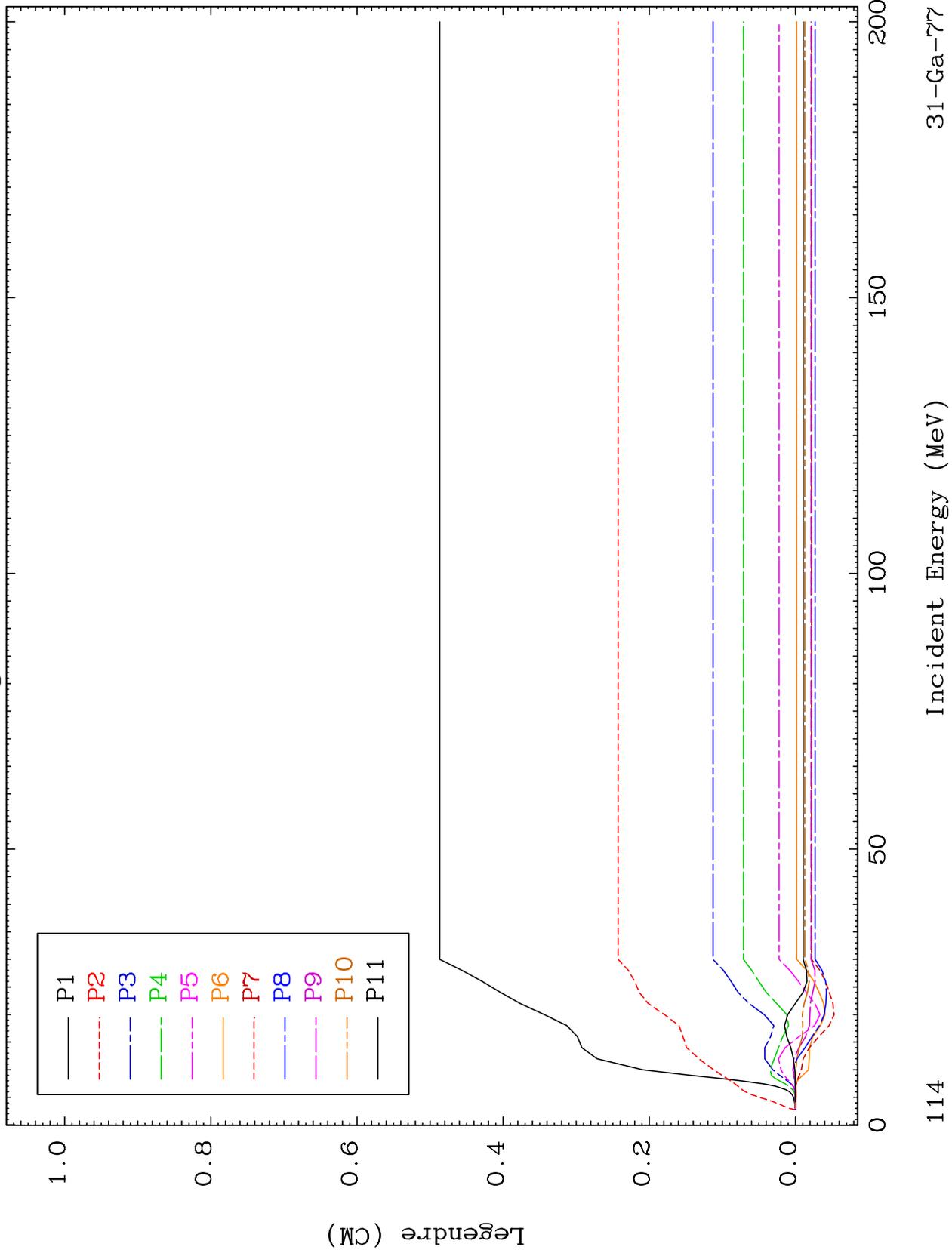
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

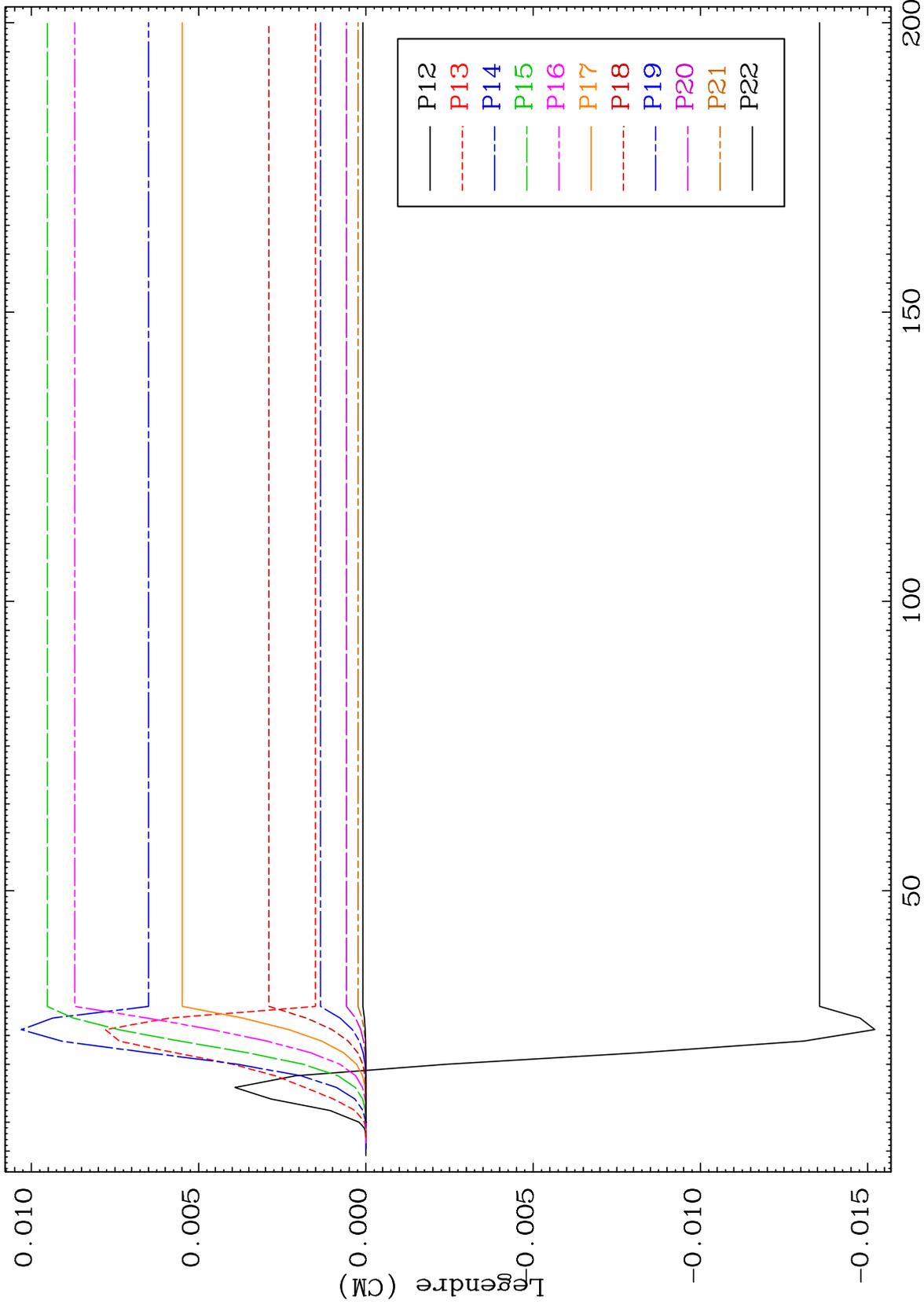
31-Ga-77



MAT 3149

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

31-Ga-77



115

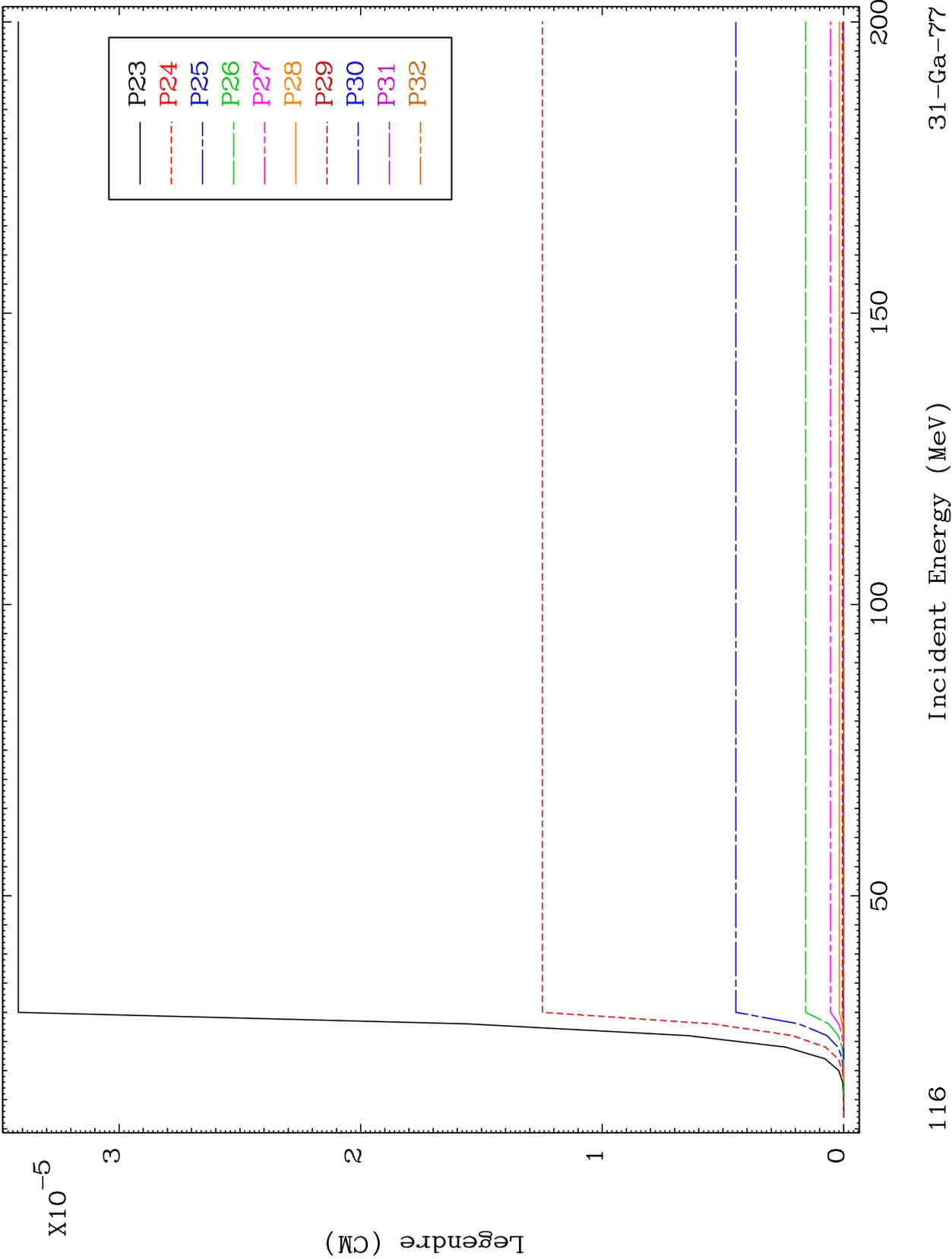
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

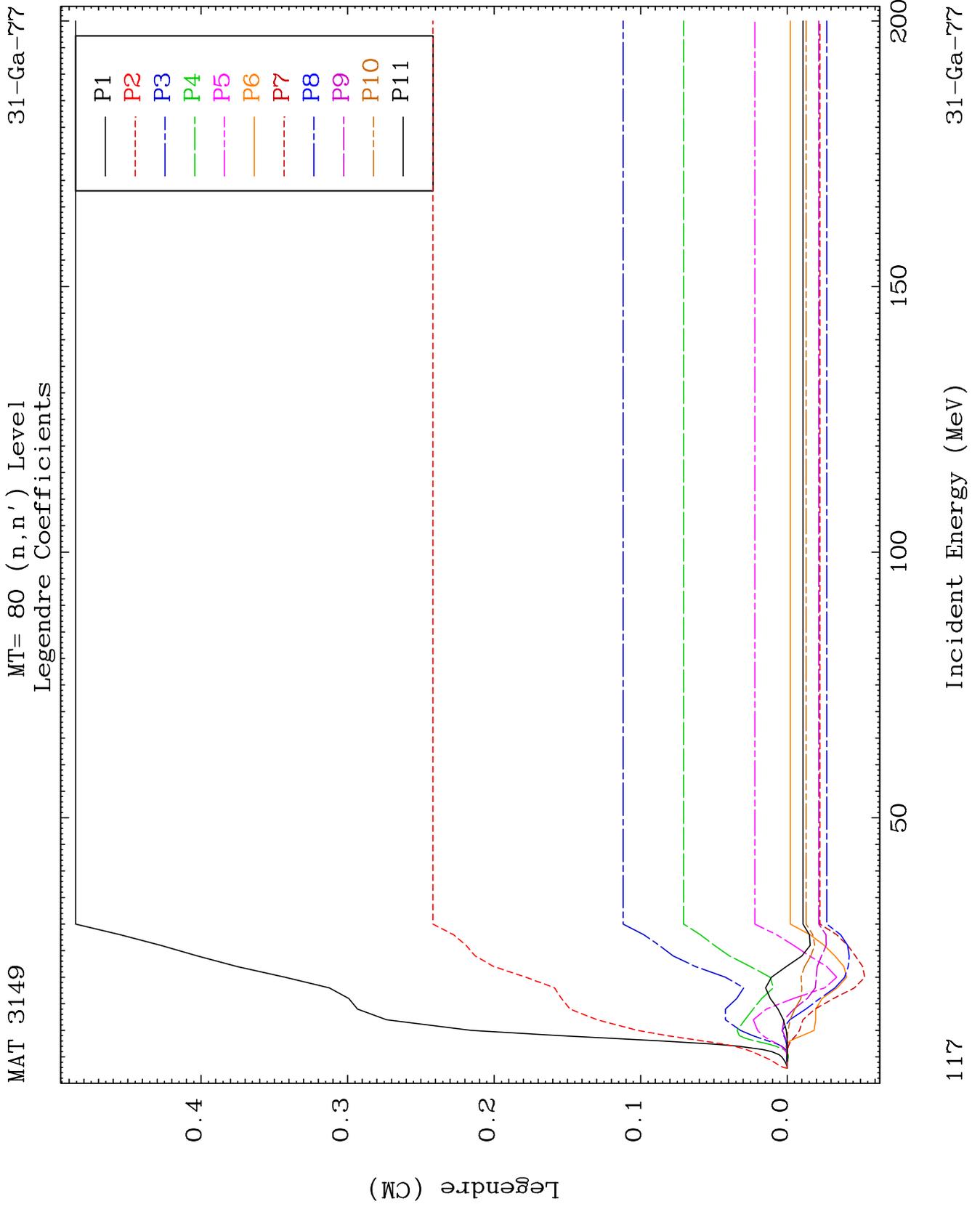
31-Ga-77



116

Incident Energy (MeV)

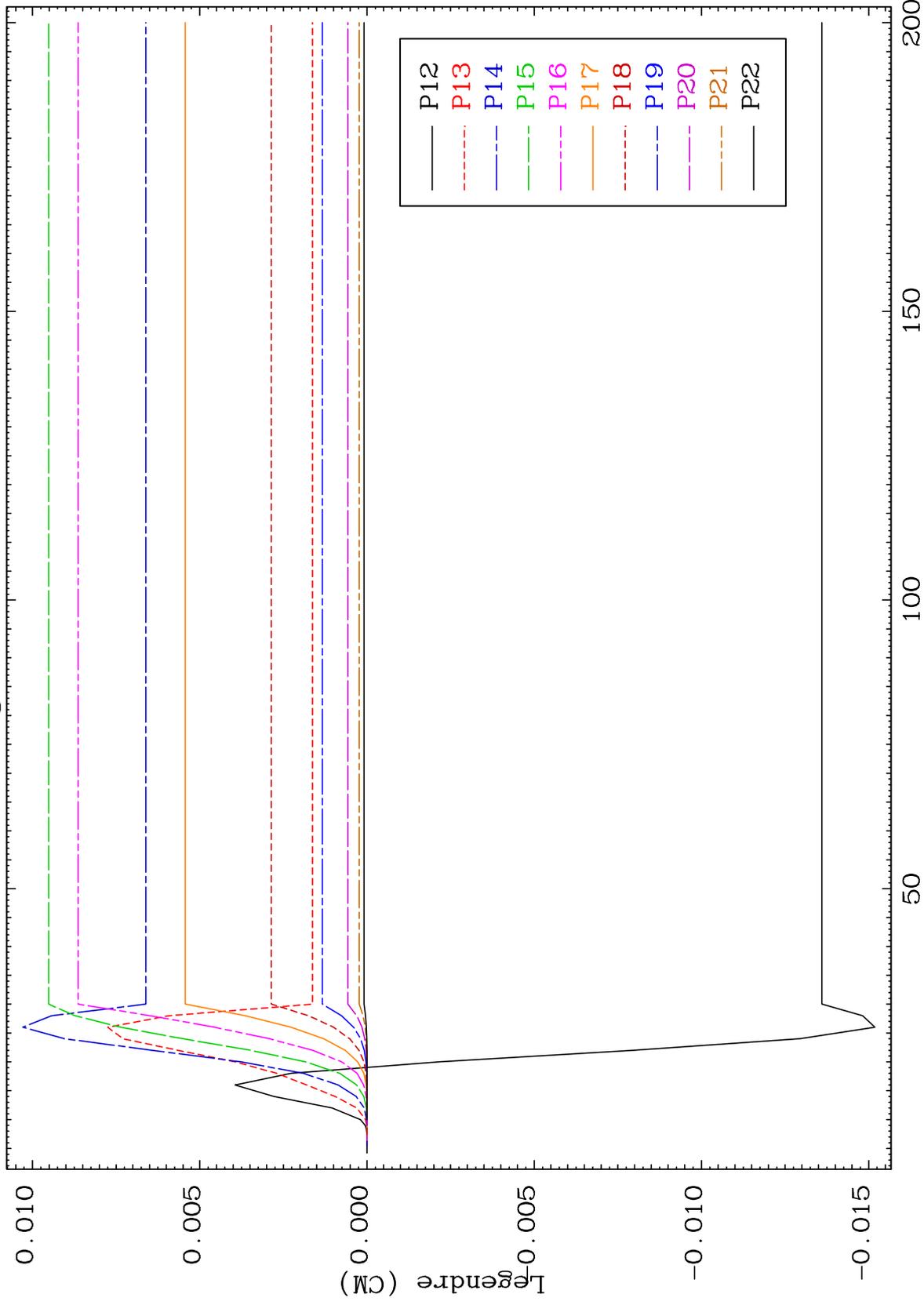
31-Ga-77



MAT 3149

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

31-Ga-77



118

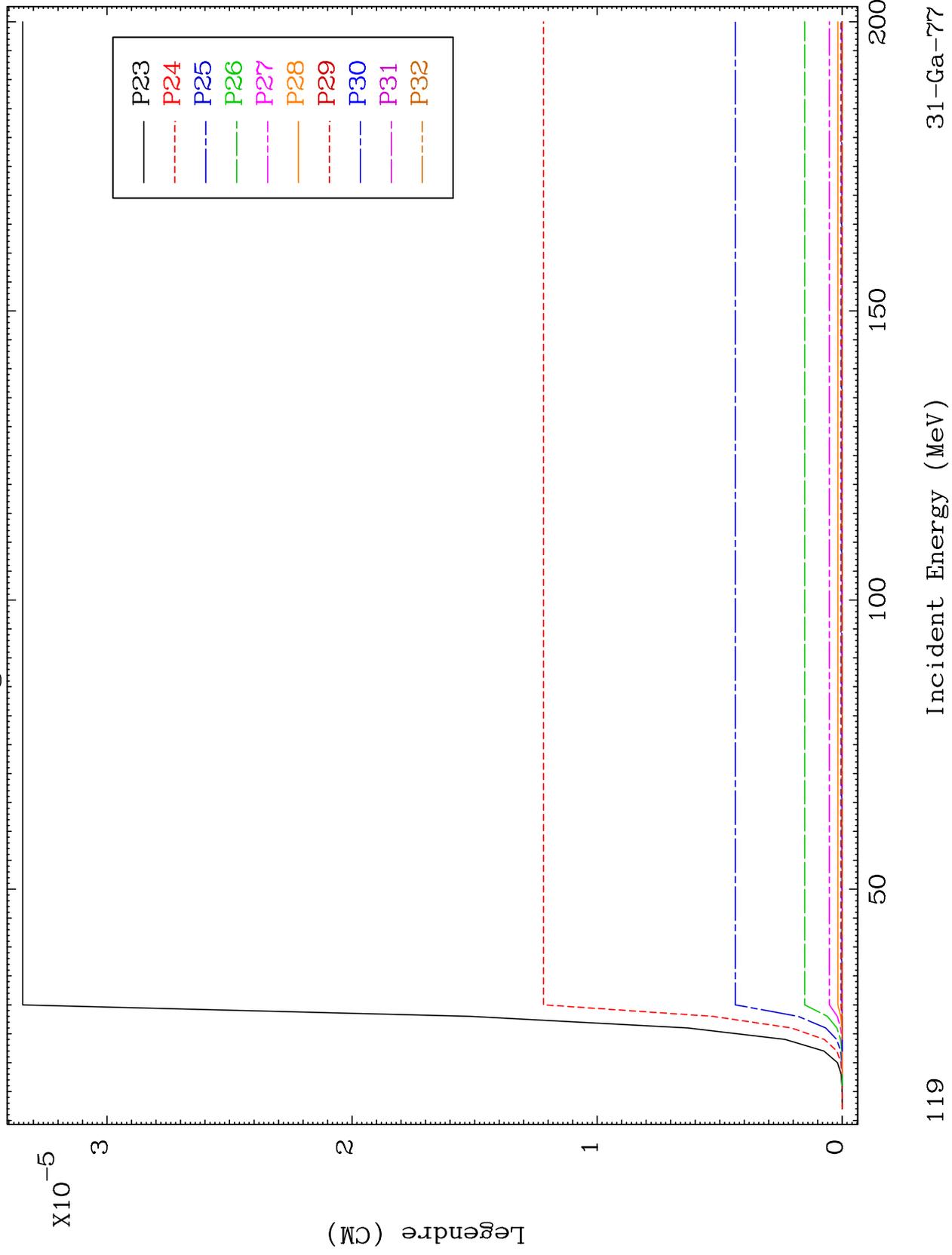
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



119

Incident Energy (MeV)

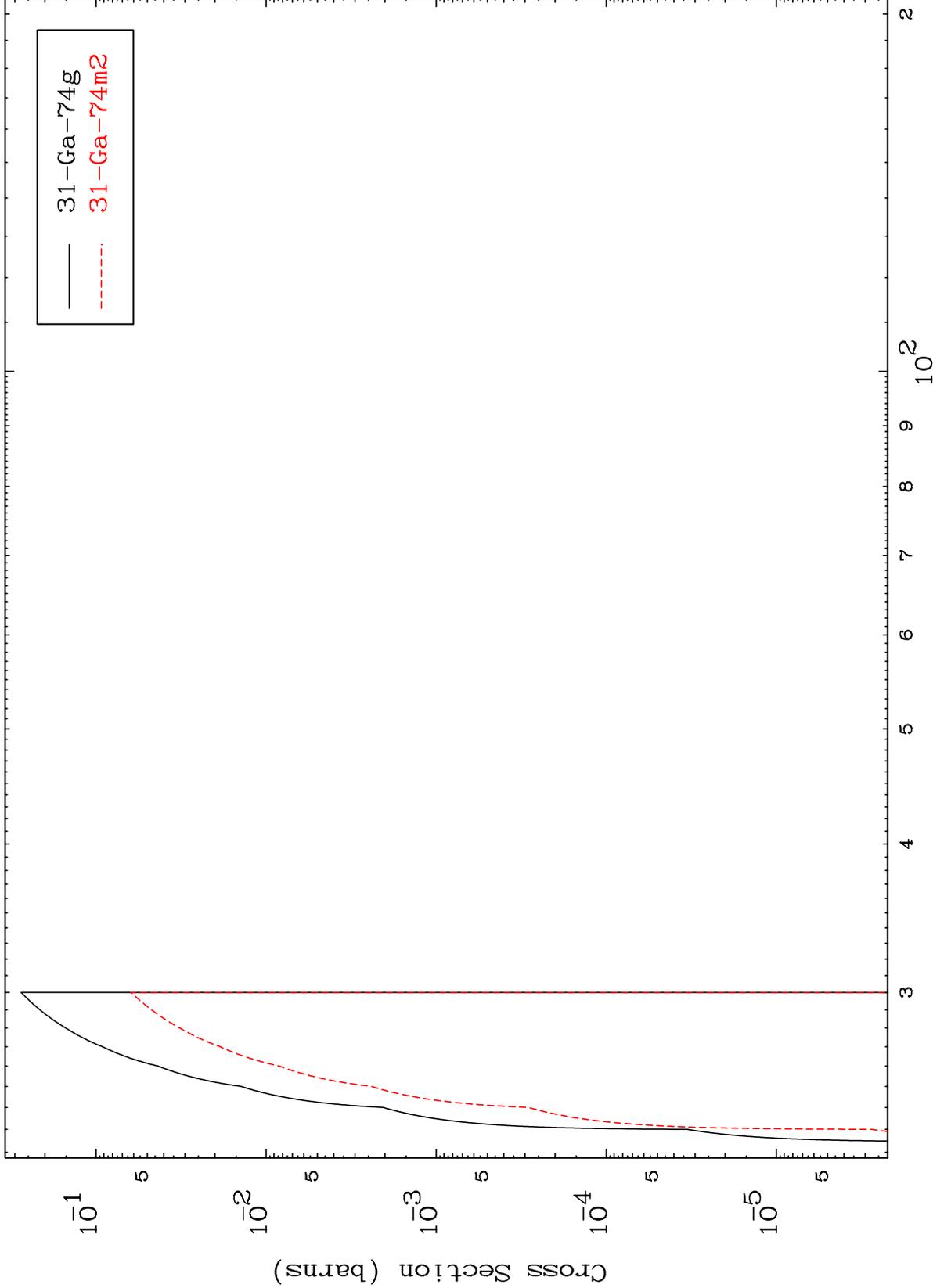
31-Ga-77

MAT 3149

(n,4n)

³¹Ga-77

Radionuclide Production Cross Section



— 31-Ga-74g
- - - 31-Ga-74m2

120

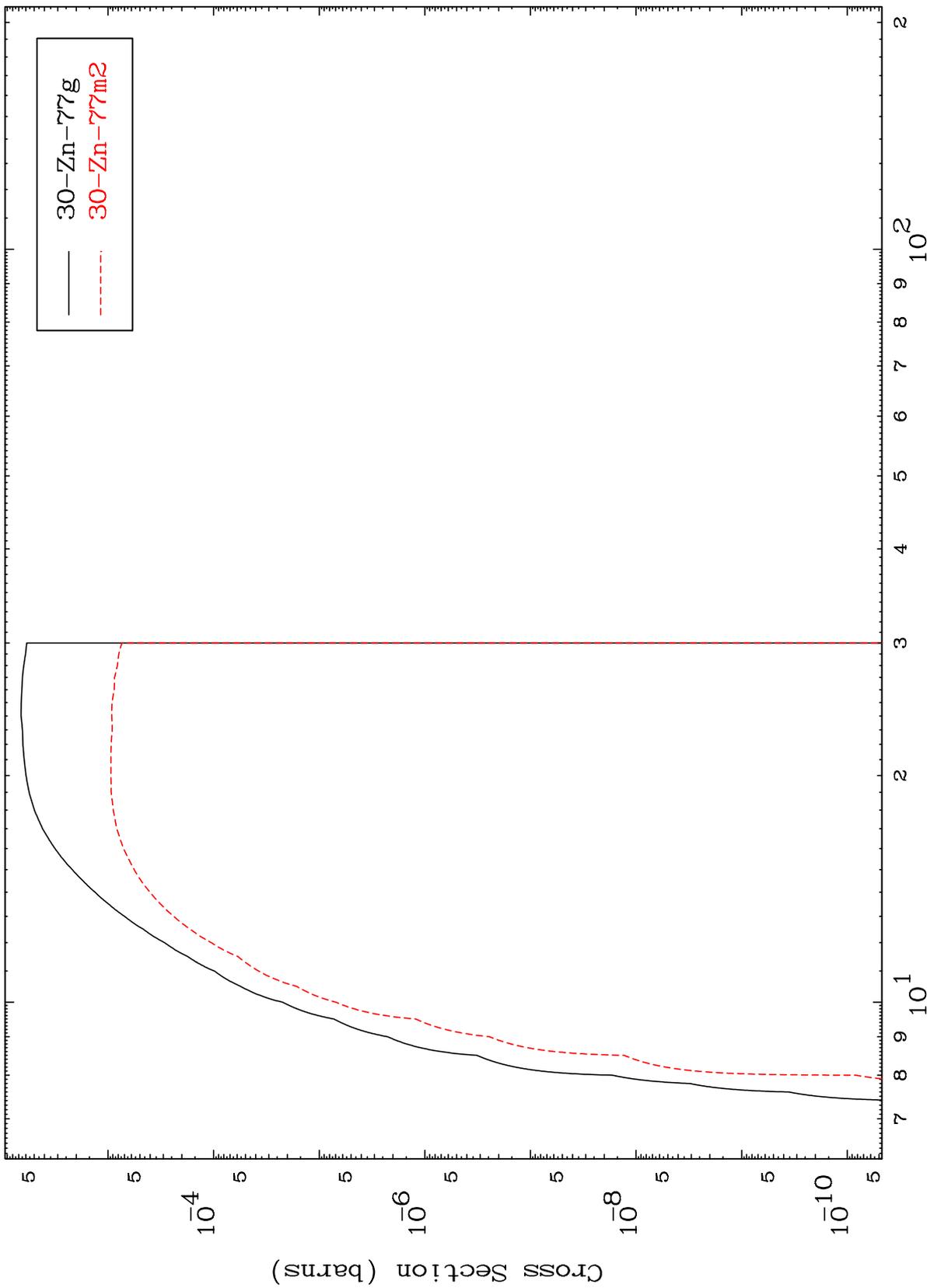
Incident Energy (MeV)

³¹Ga-77

MAT 3149

31-Ga-77

(n,p)
Radionuclide Production Cross Section



121

Incident Energy (MeV)

31-Ga-77