

Program EVALPLOT
(Version 2018-1)

by

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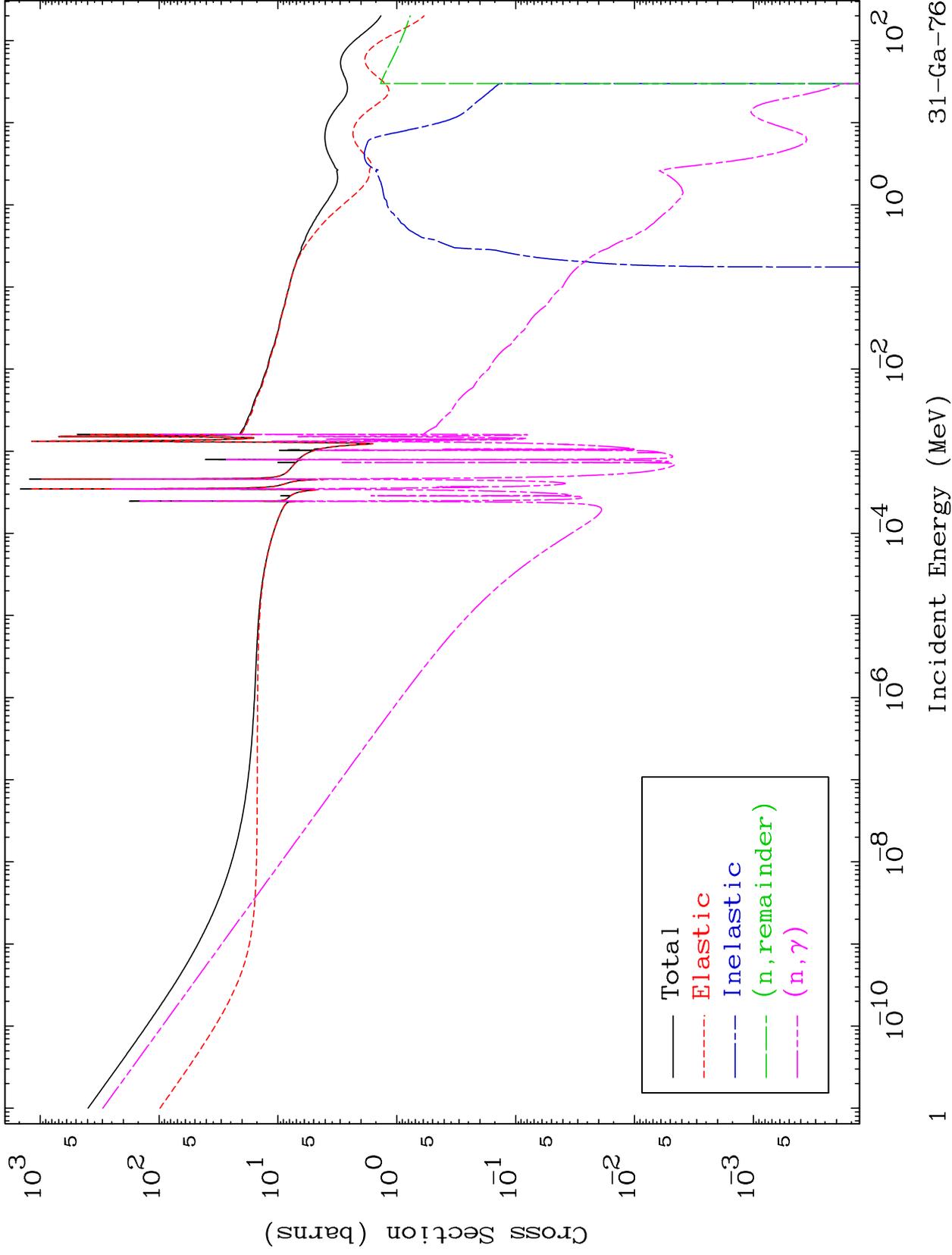
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Press Mouse Button to Start

MAT 3146

Major
293 Kelvin Cross Sections

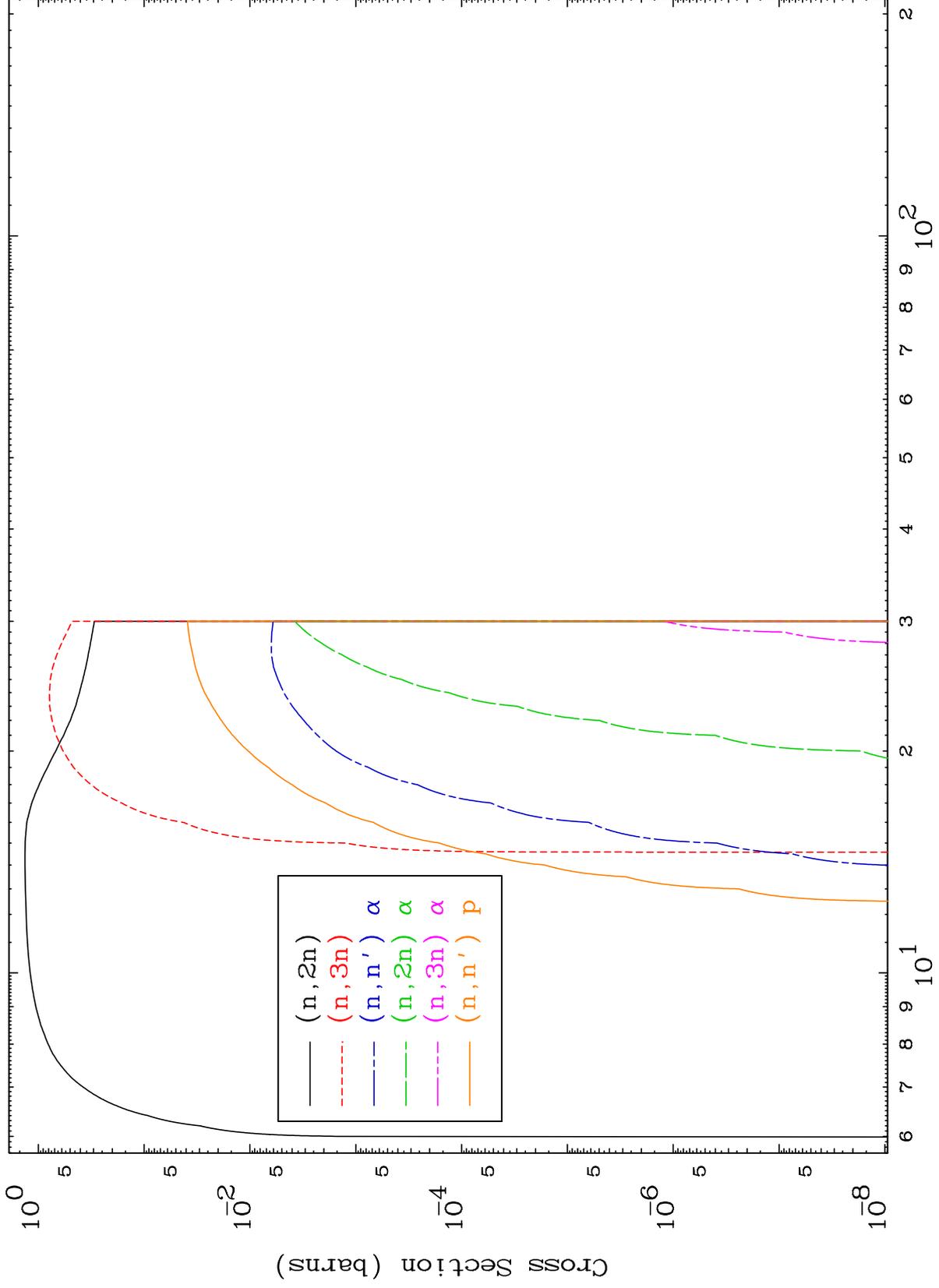
31-Ga-76



MAT 3146

Neutron Production
293 Kelvin Cross Sections

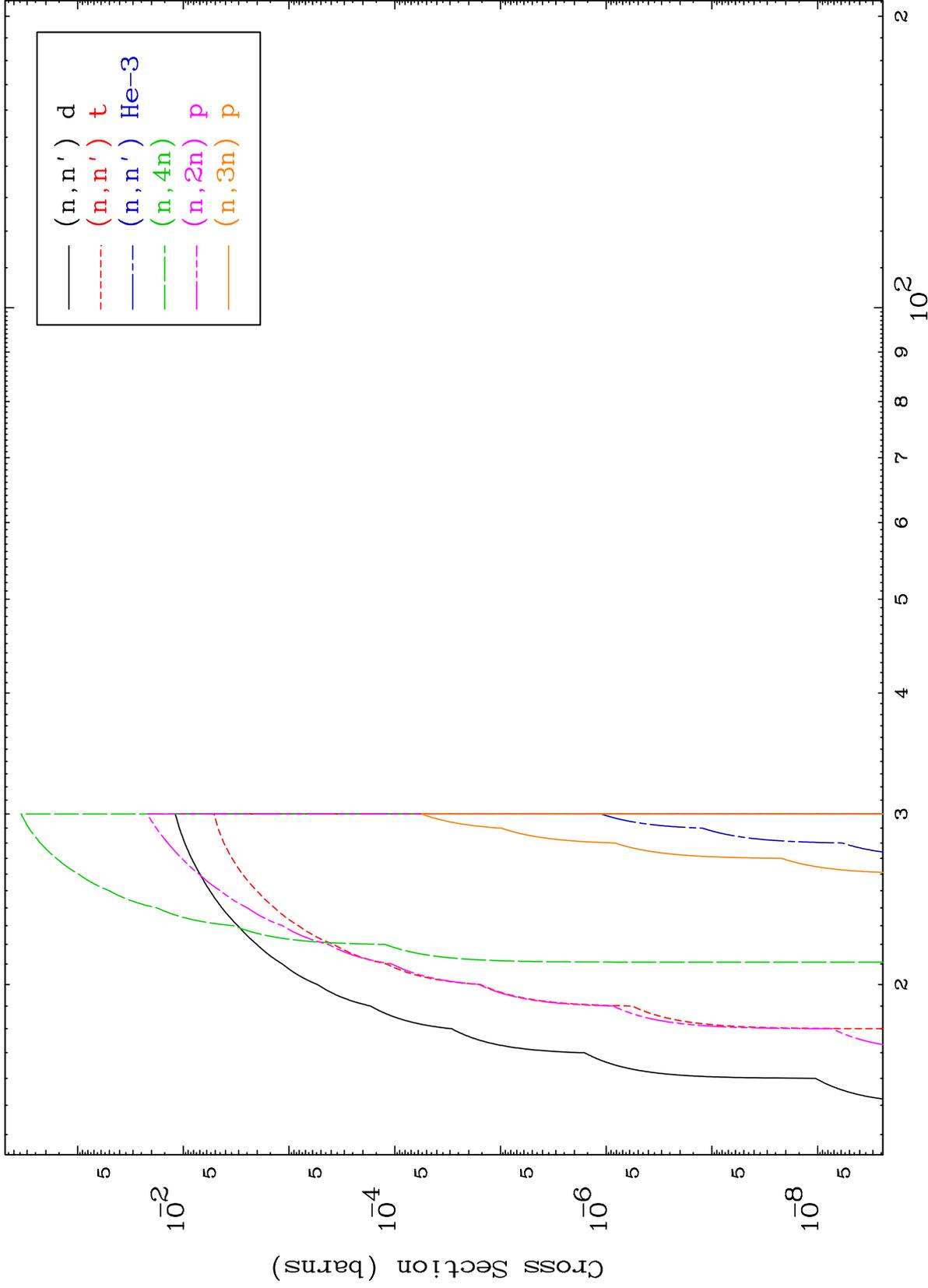
31-Ga-76



2

Incident Energy (MeV)

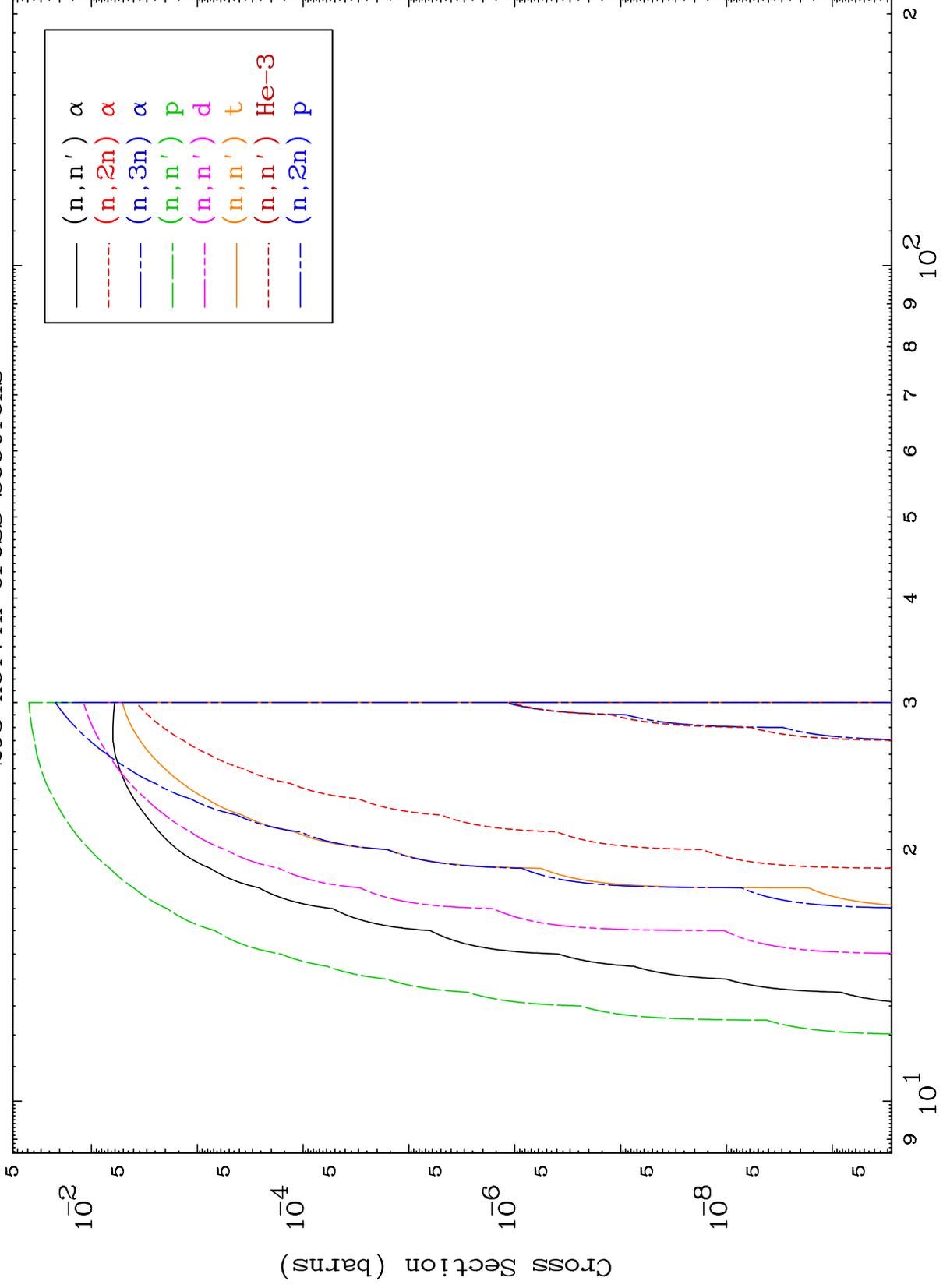
31-Ga-76



MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



Incident Energy (MeV)

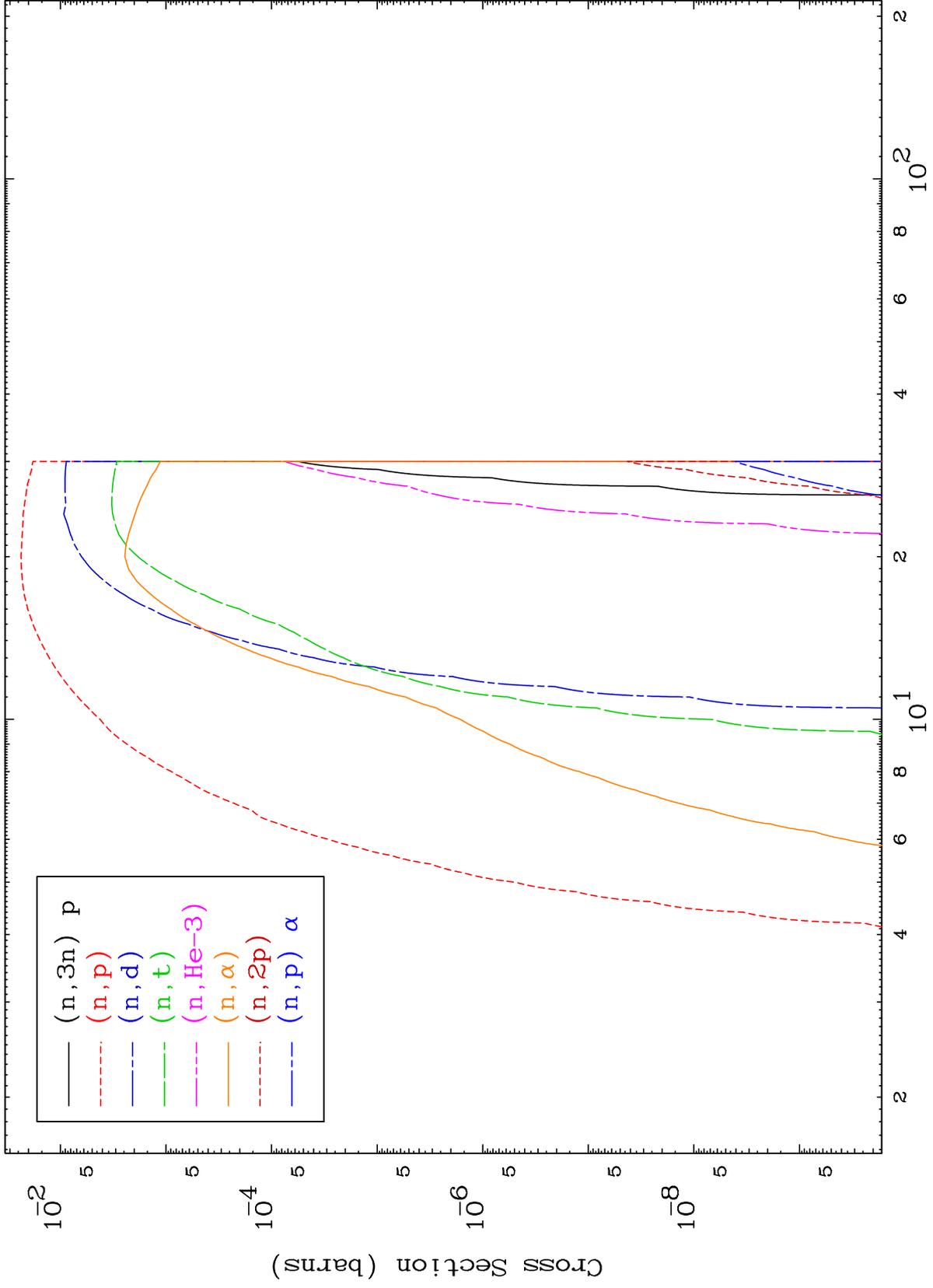
31-Ga-76

4

MAT 3146

Charged Particle
293 Kelvin Cross Sections

31-Ga-76



5

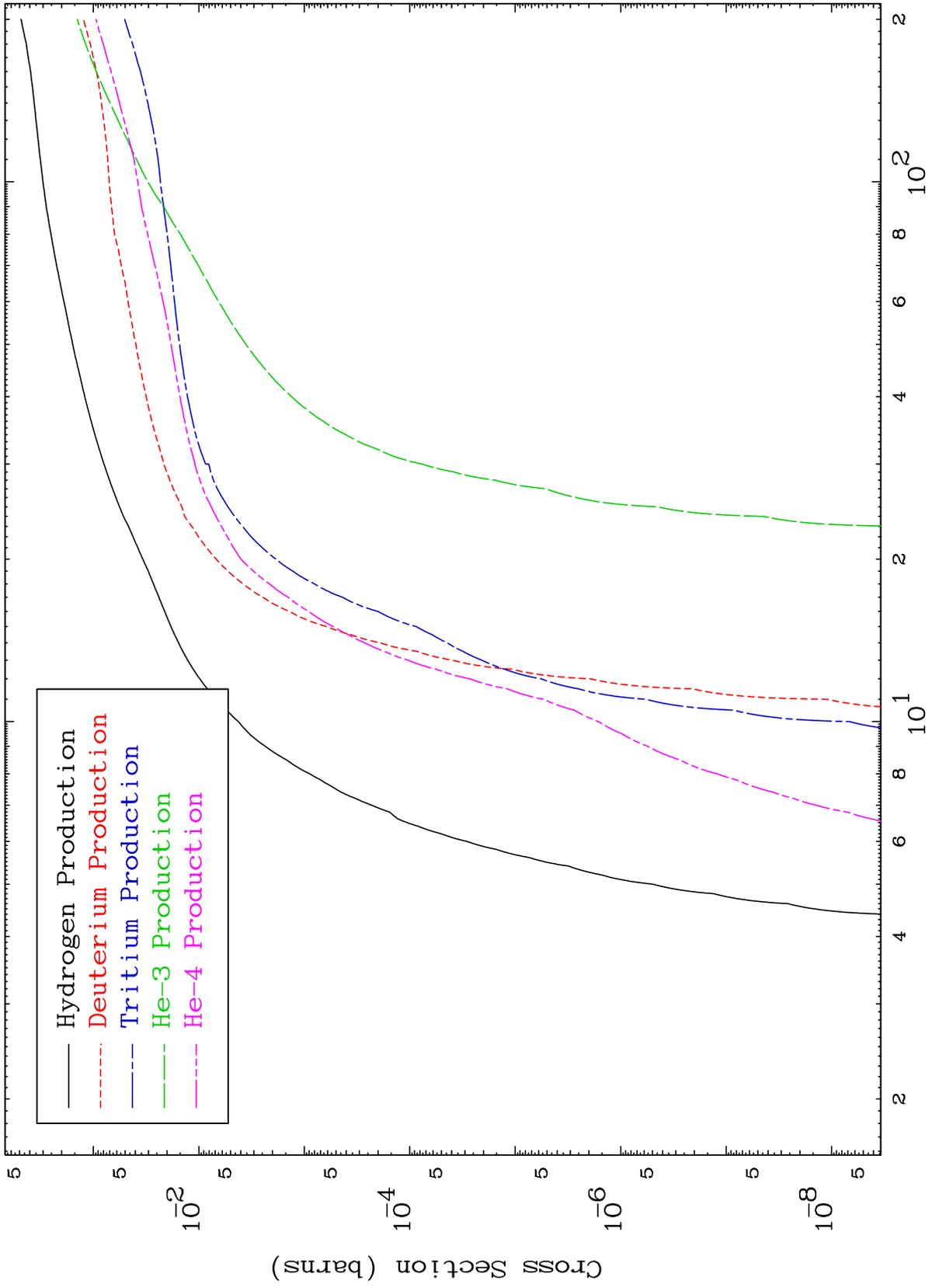
Incident Energy (MeV)

31-Ga-76

MAT 3146

Particle Production
293 Kelvin Cross Sections

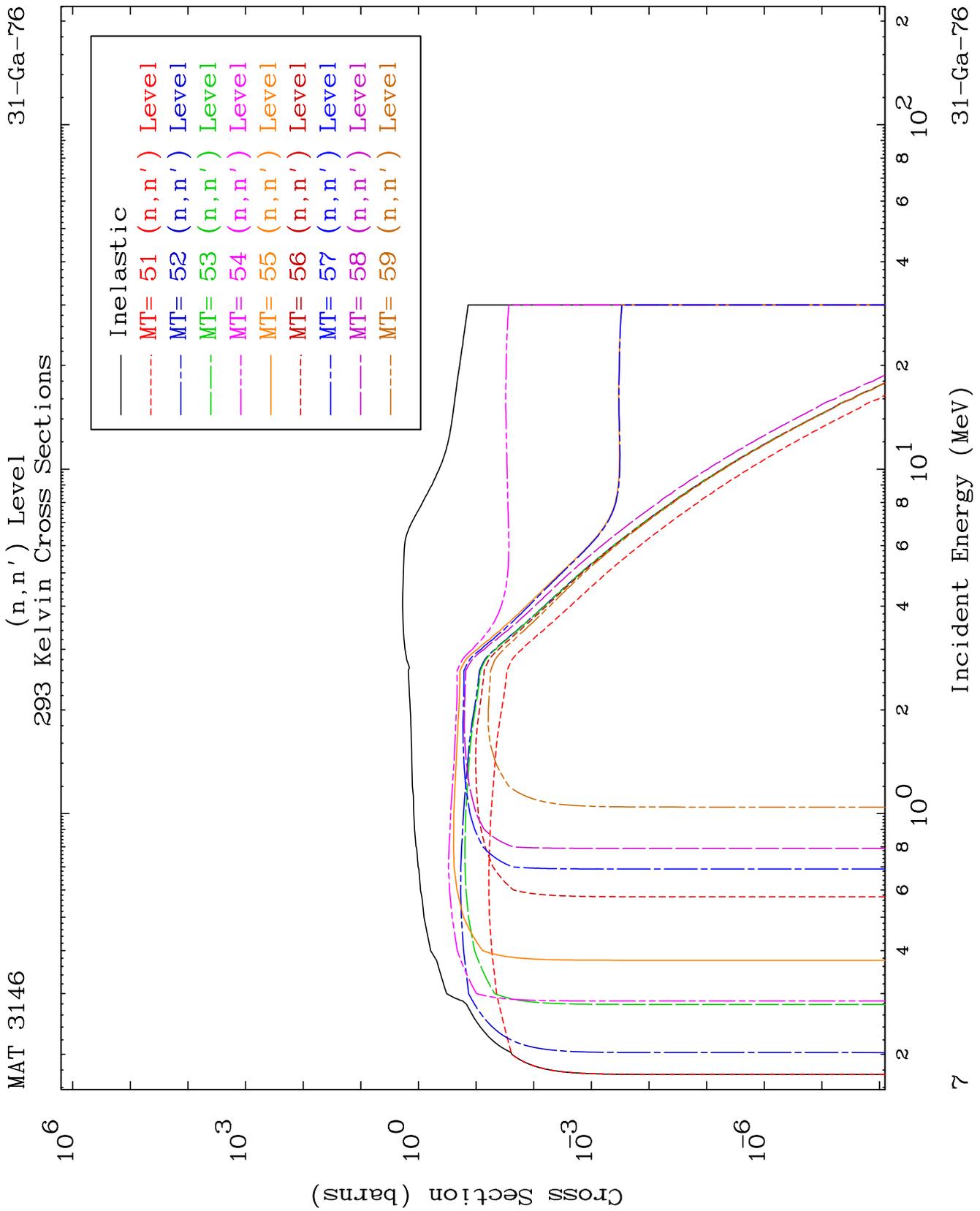
31-Ga-76



6

Incident Energy (MeV)

31-Ga-76

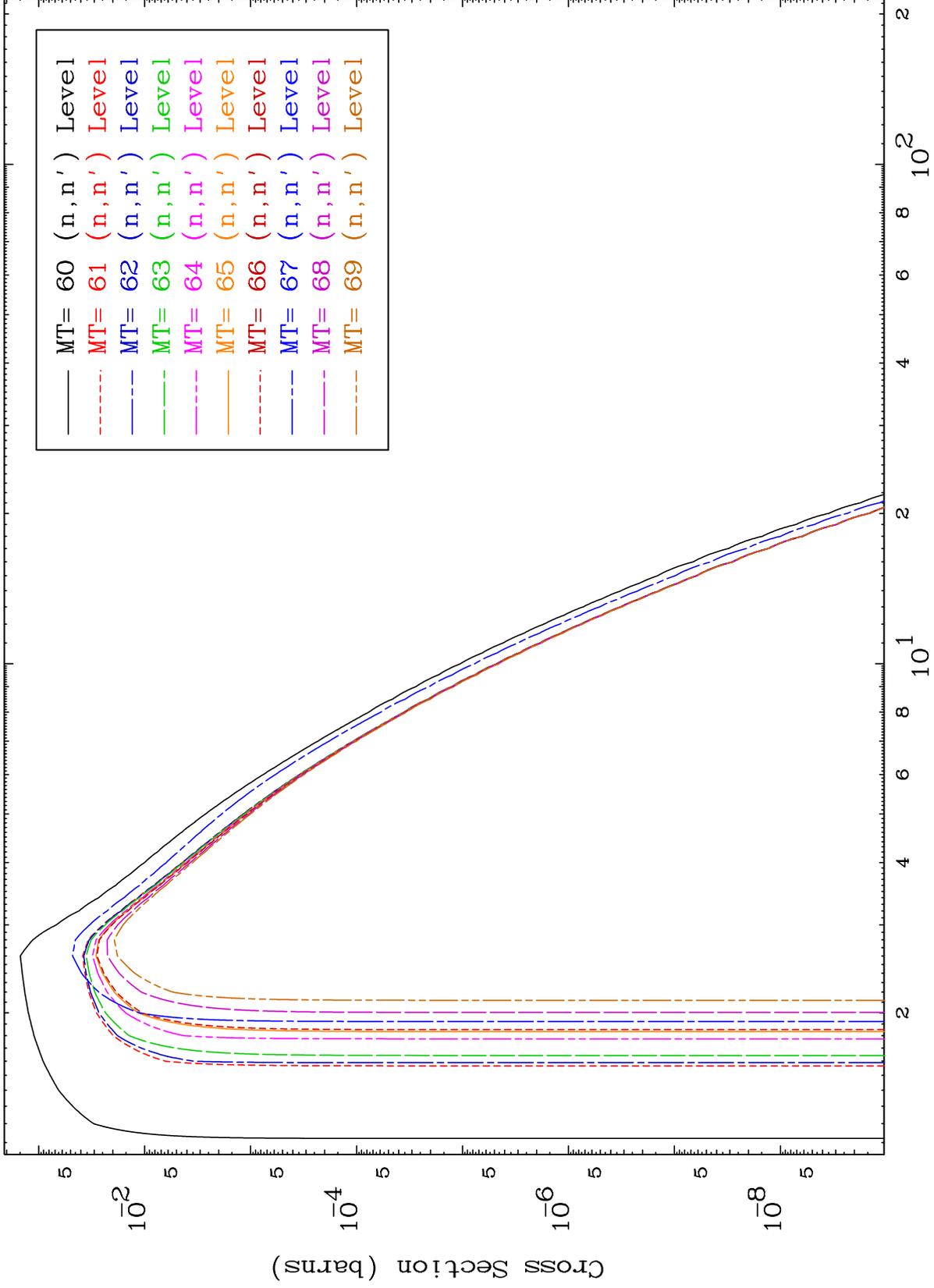


MAT 3146

(n,n') Level

31-Ga-76

293 Kelvin Cross Sections

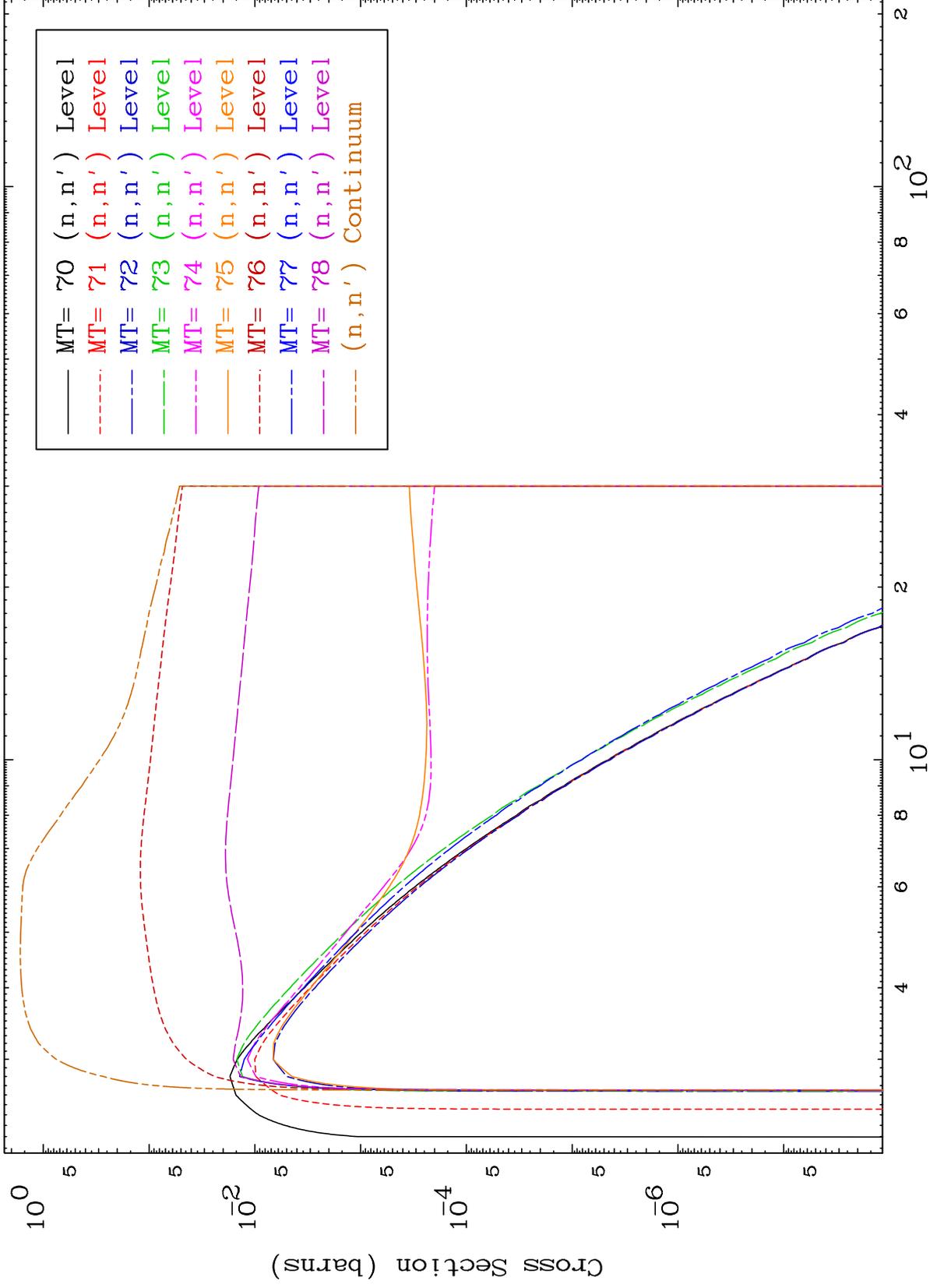


8

Incident Energy (MeV)

31-Ga-76

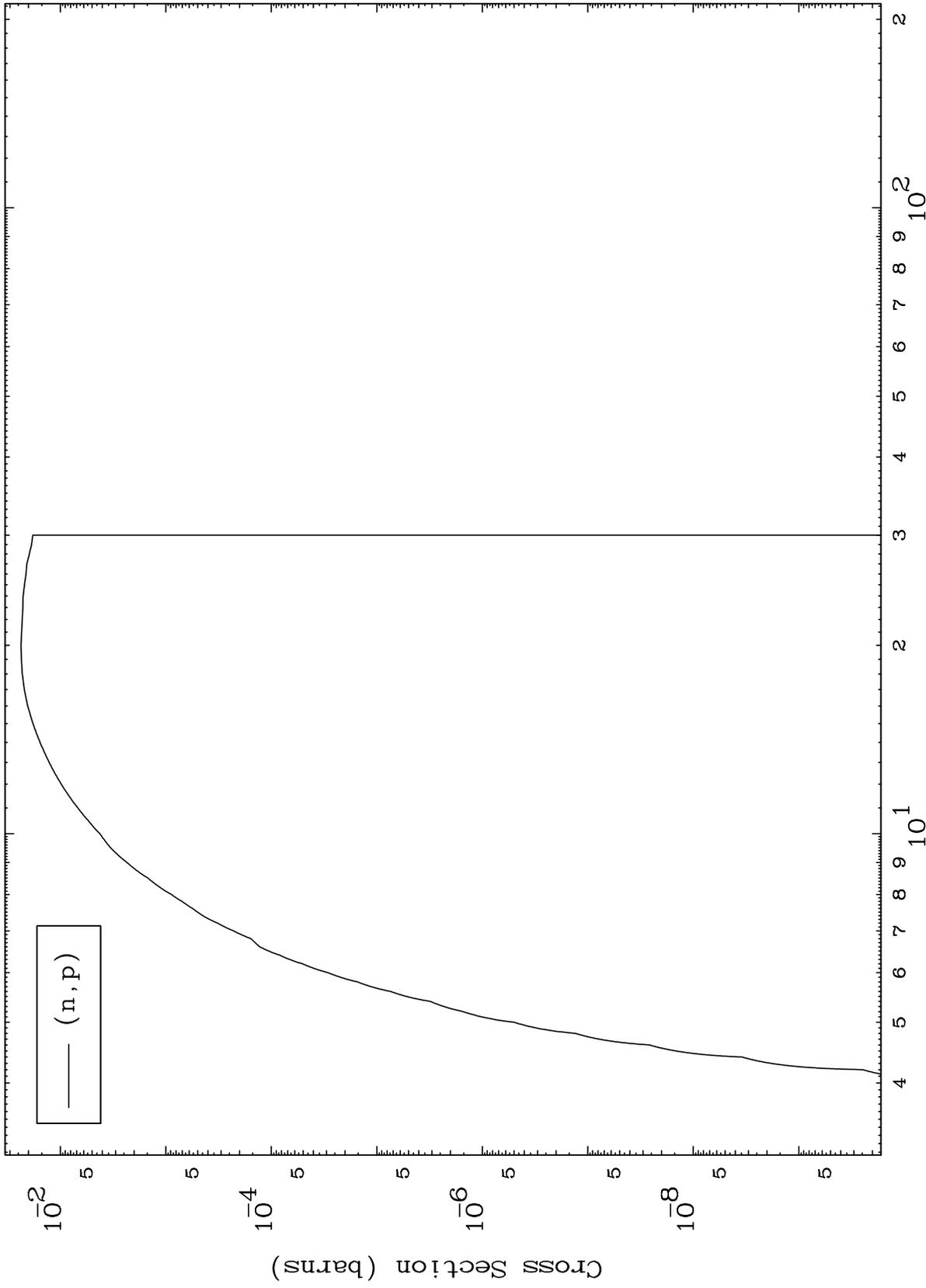
293 Kelvin Cross Sections



MAT 3146

(n,p) Levels
293 Kelvin Cross Sections

31-Ga-76



10

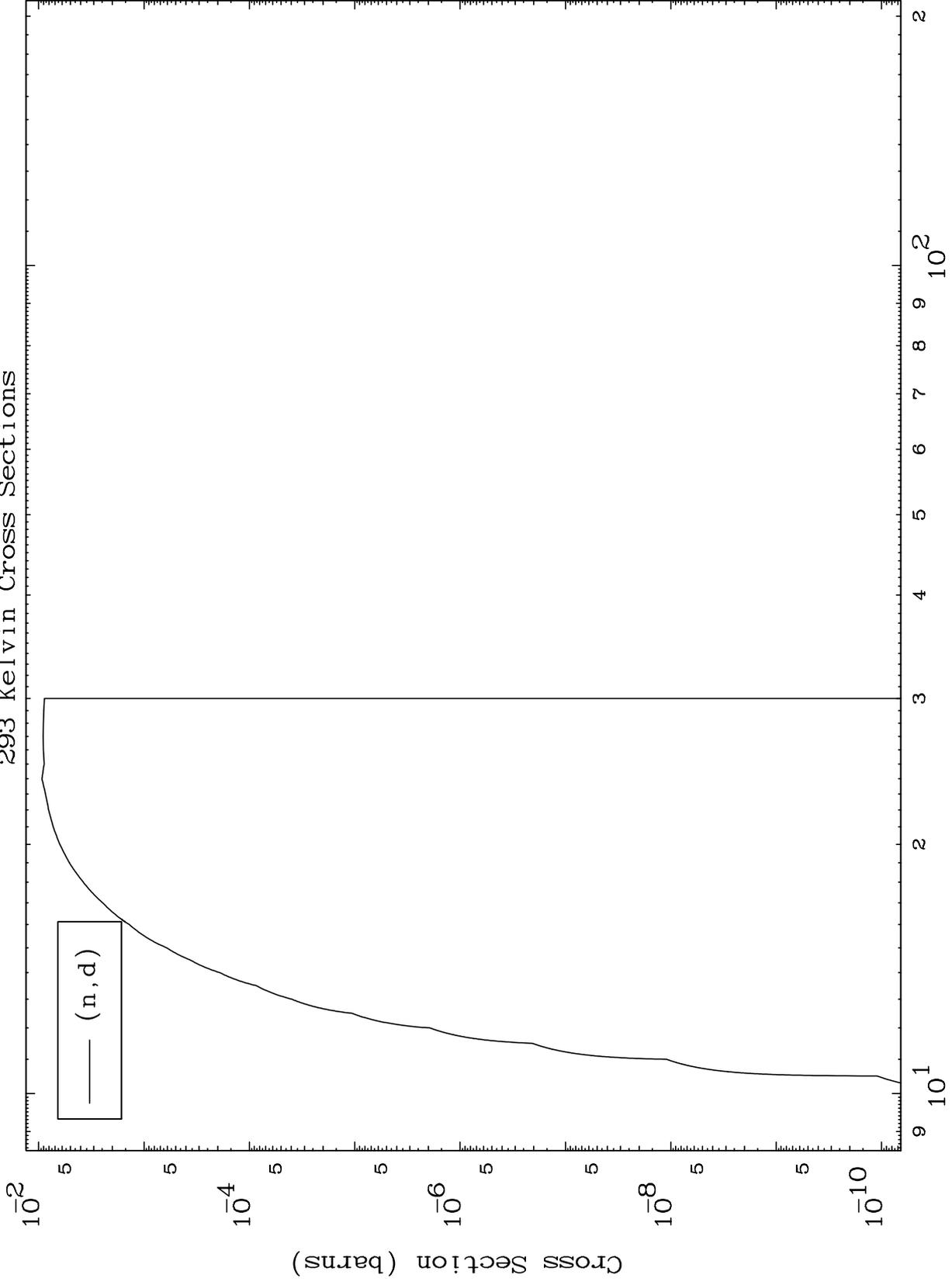
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-76



11

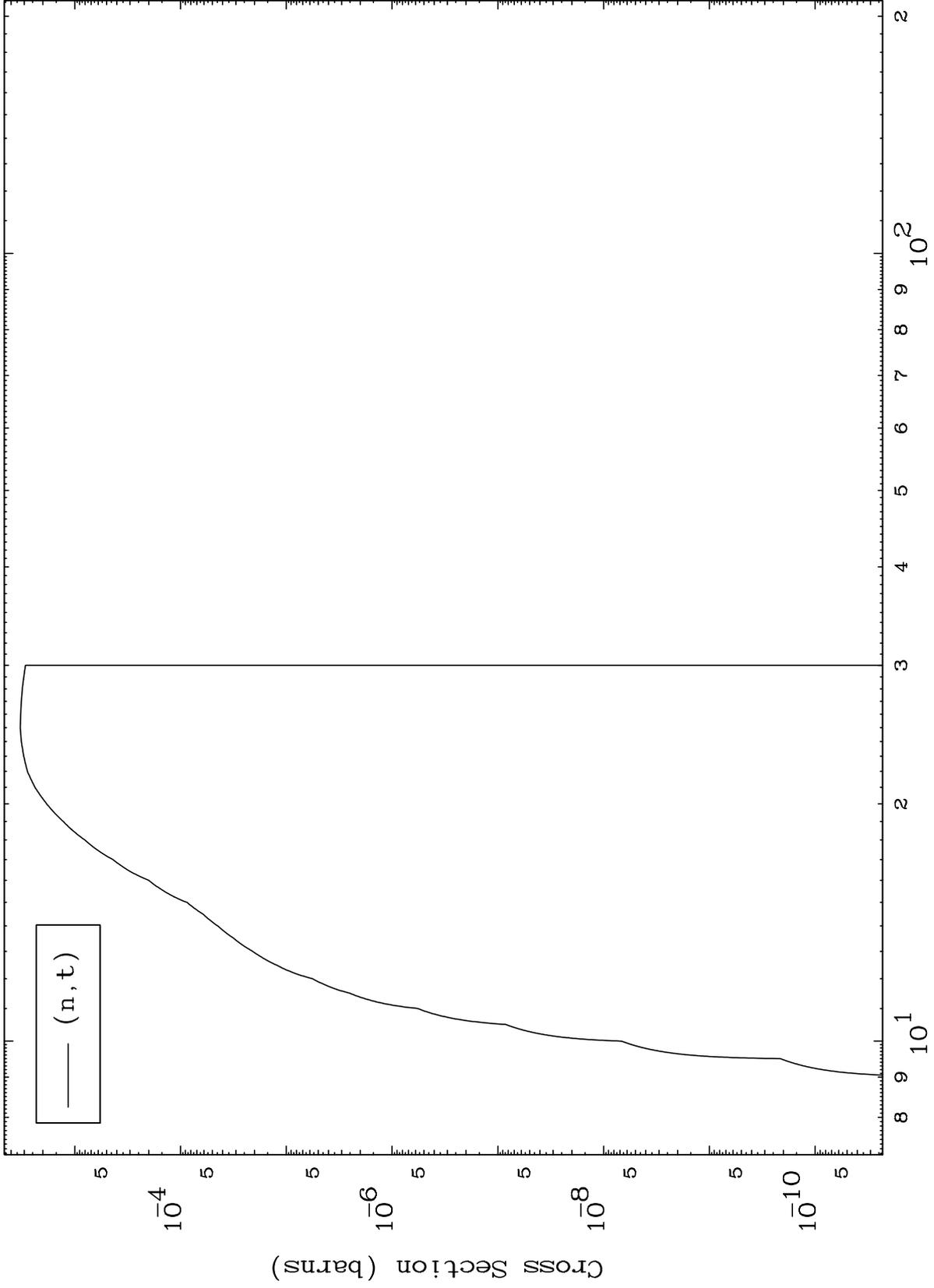
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,t) Levels
293 Kelvin Cross Sections

31-Ga-76



12

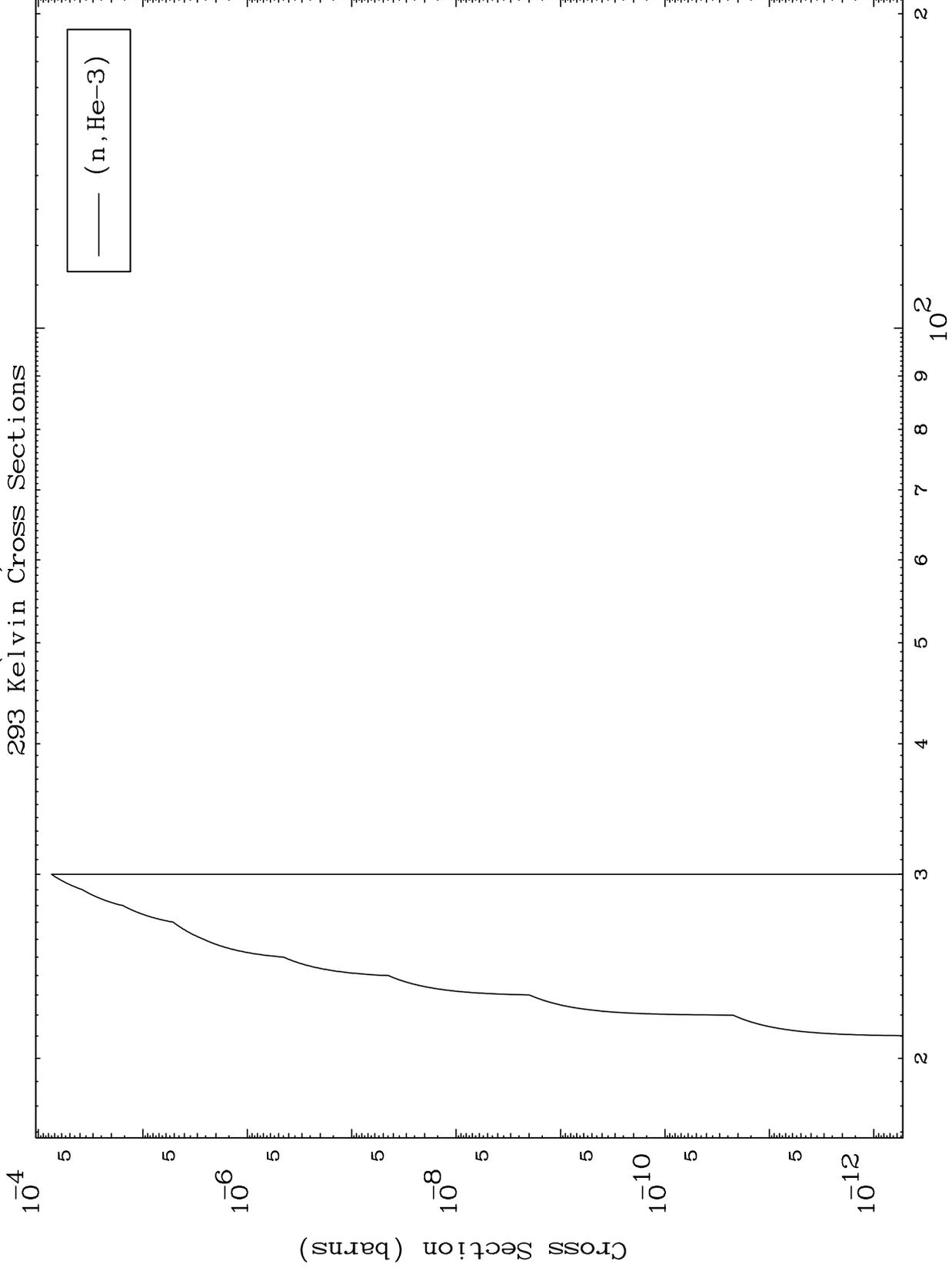
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-76



13

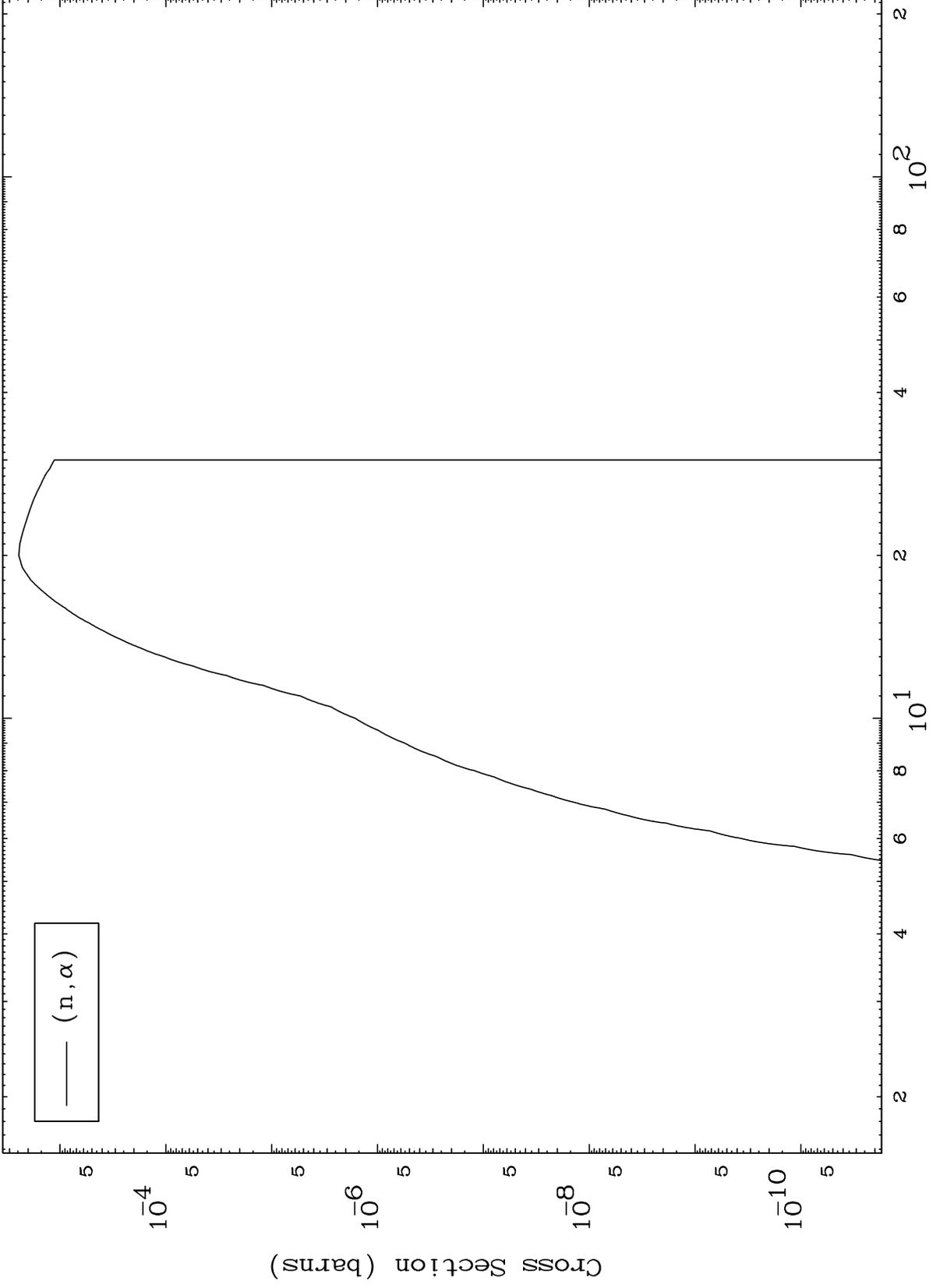
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n, α) Levels
293 Kelvin Cross Sections

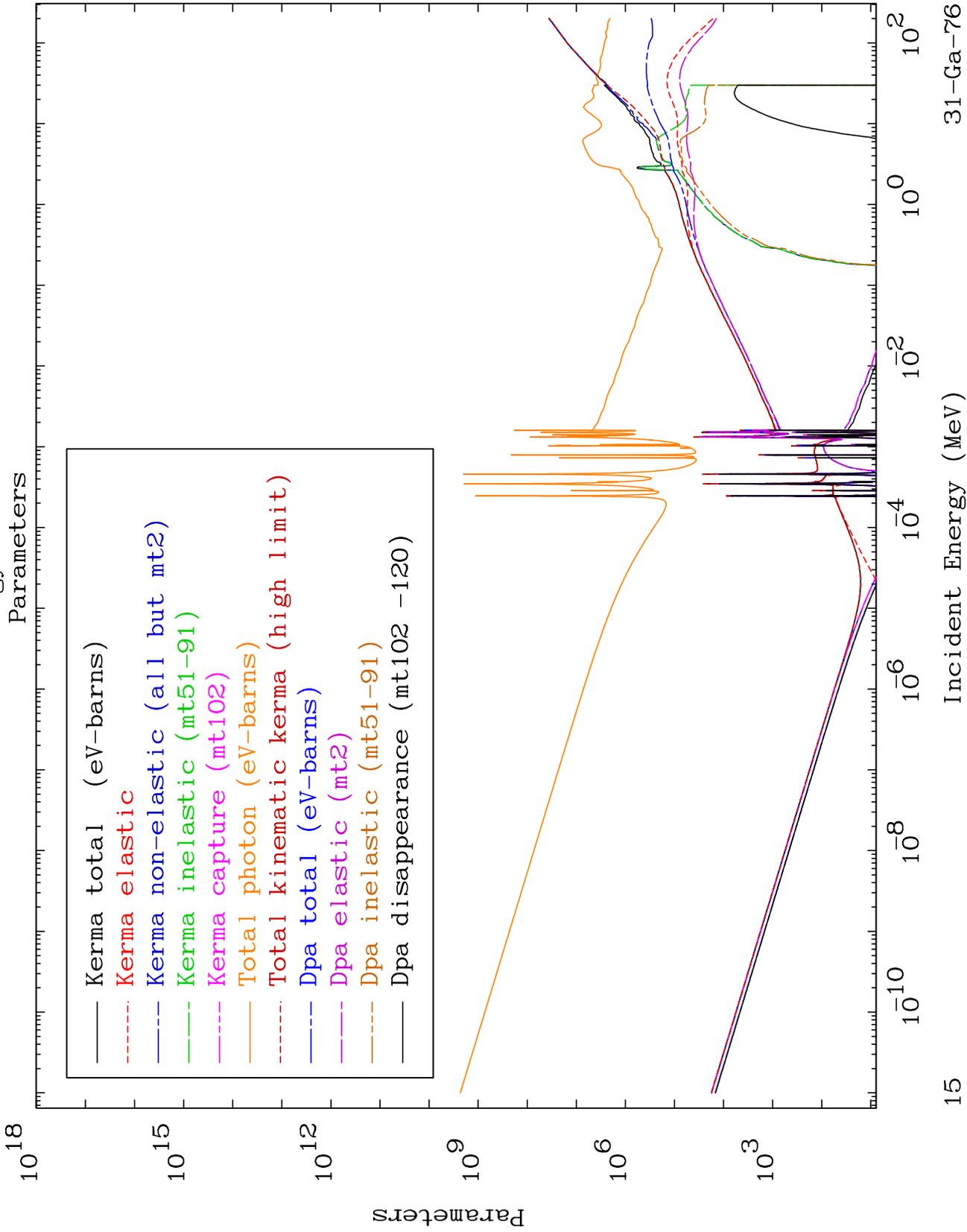
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14

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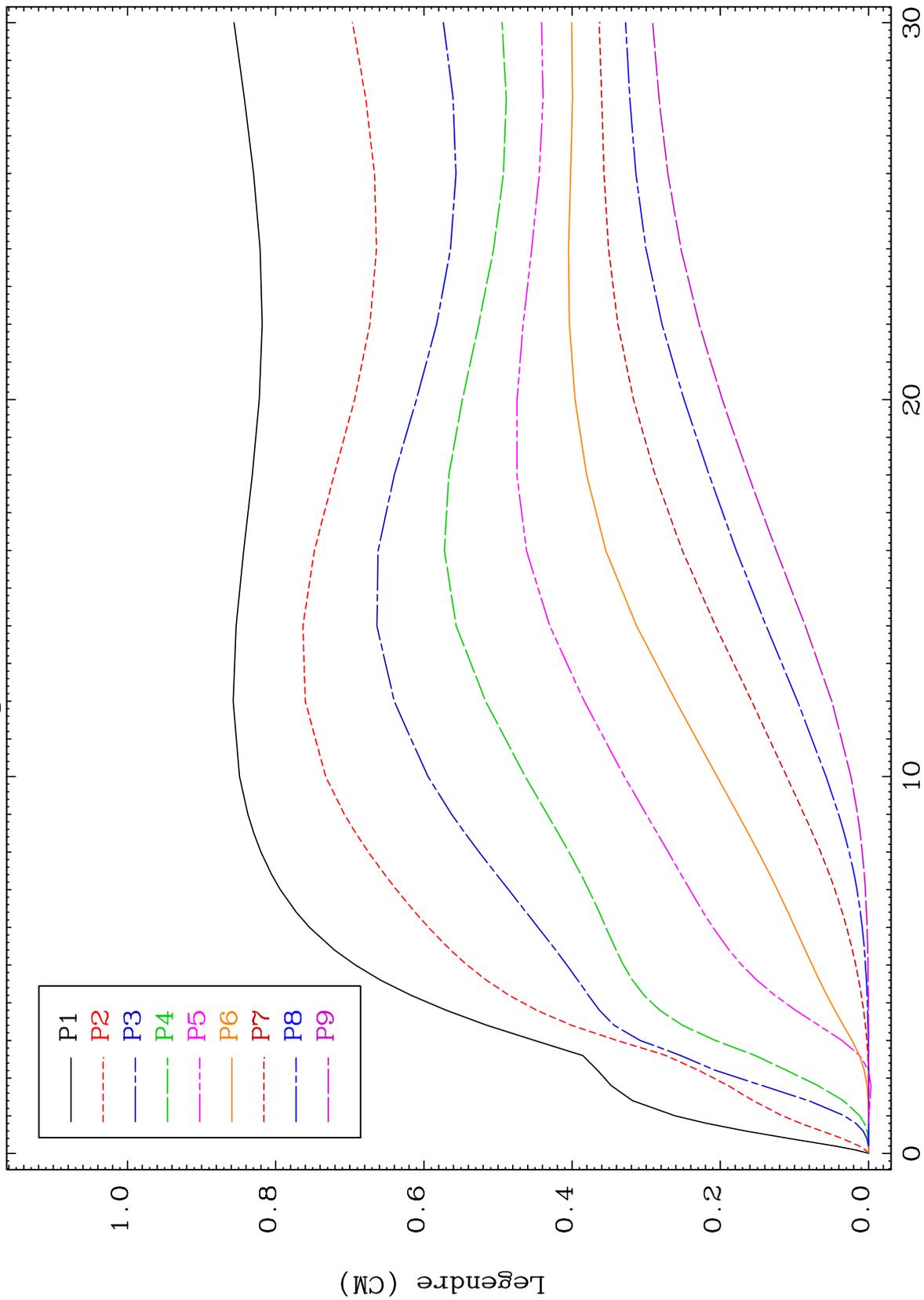
31-Ga-76



MAT 3146

Elastic Legendre Coefficients

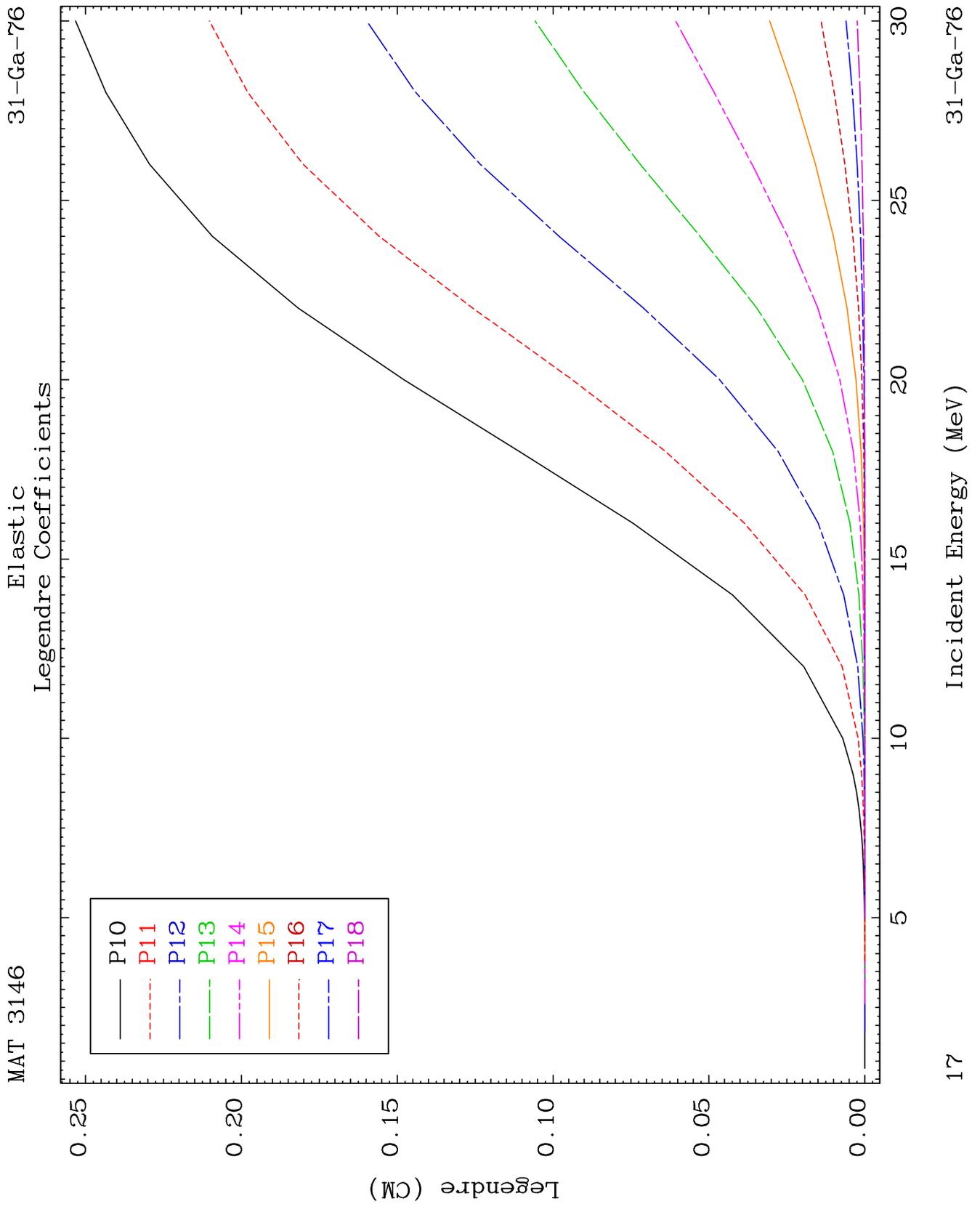
³¹Ga-76



16

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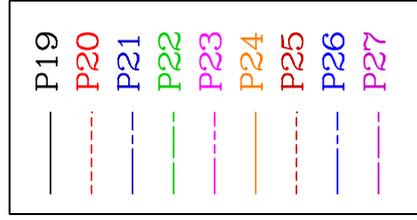
³¹Ga-76



MAT 3146

Elastic
Legendre Coefficients

31-Ga-76



$\times 10^{-4}$

Legendre (CM)

8

6

4

2

0

10

15

20

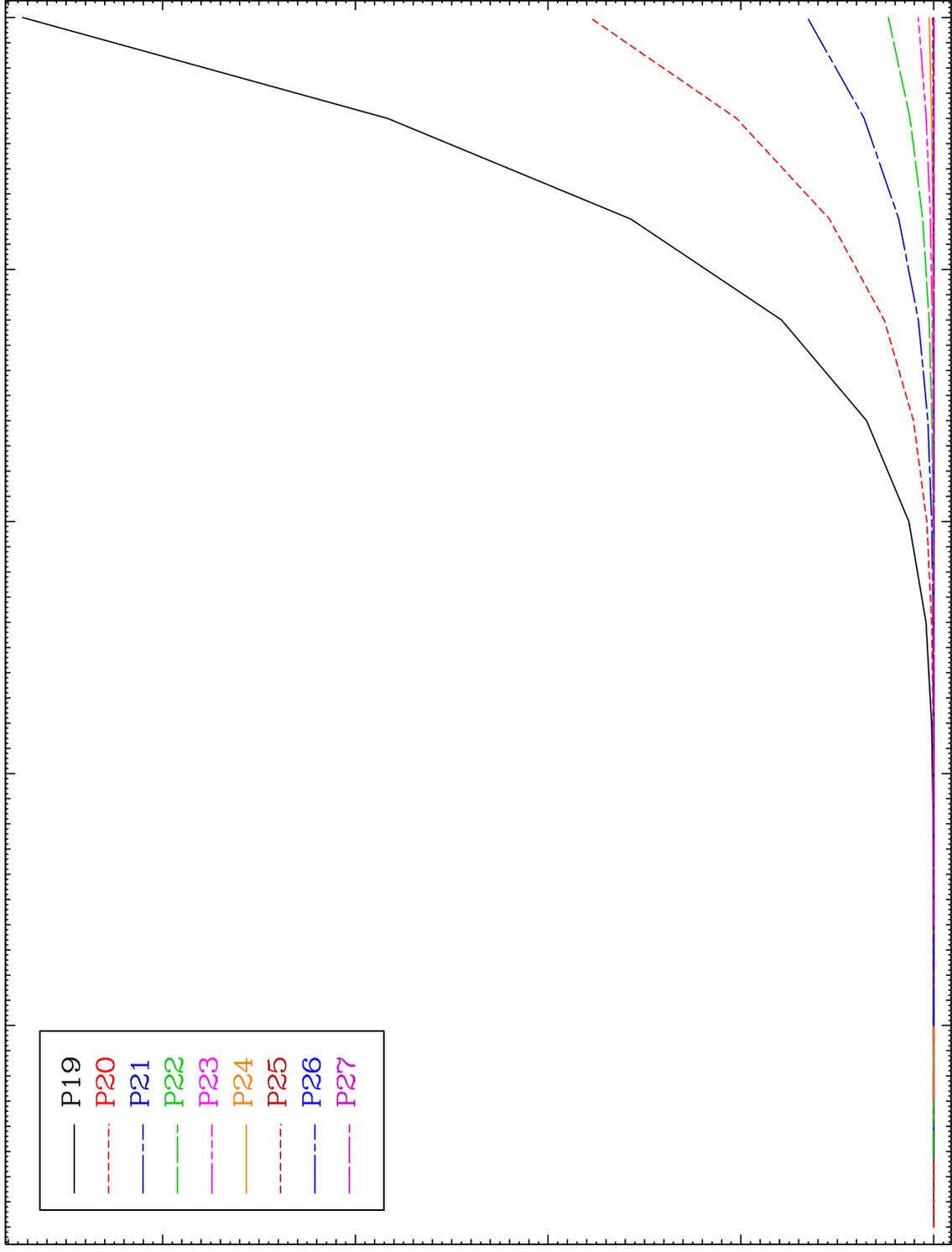
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30

18

Incident Energy (MeV)

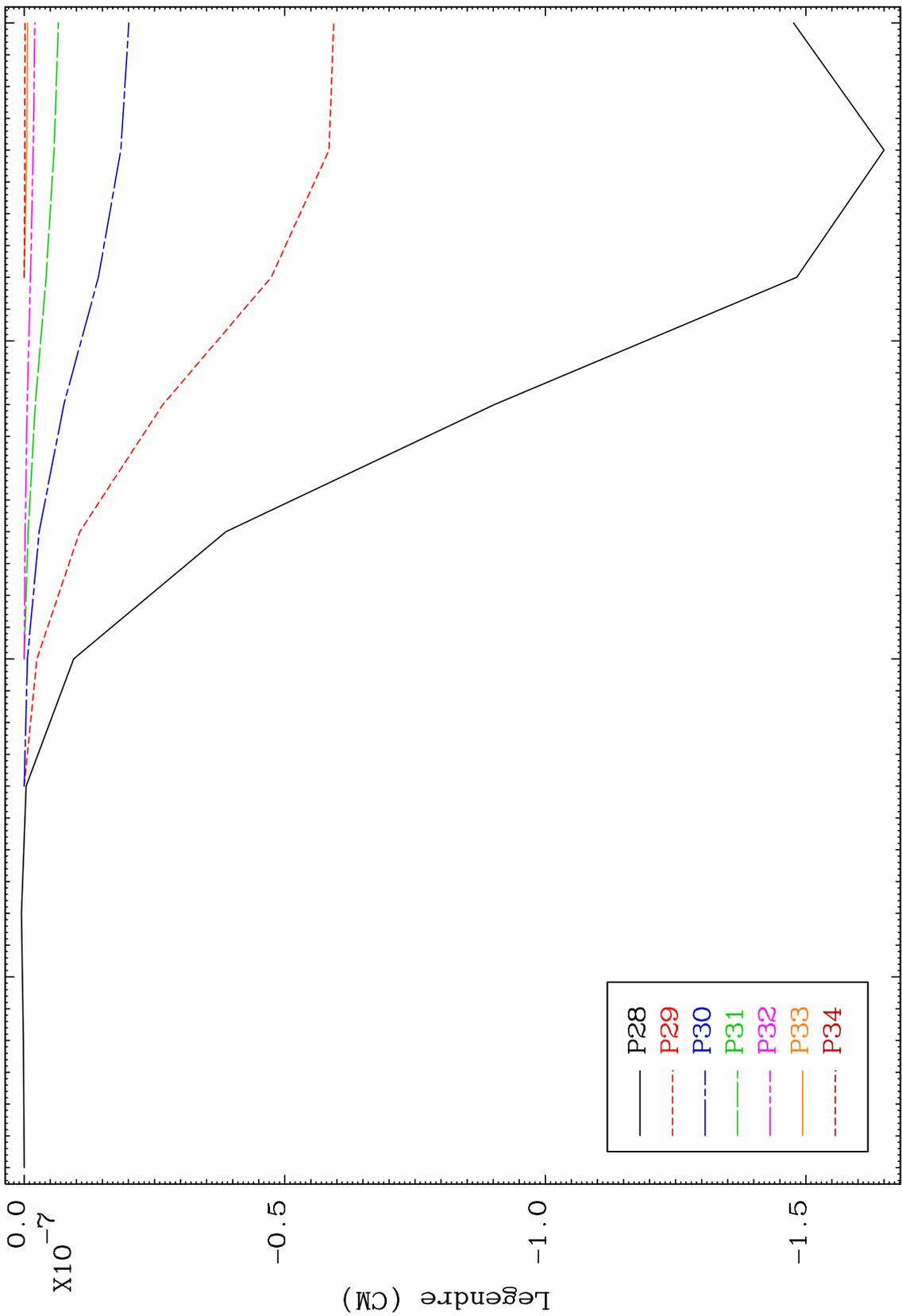
31-Ga-76



MAT 3146

31-Ga-76

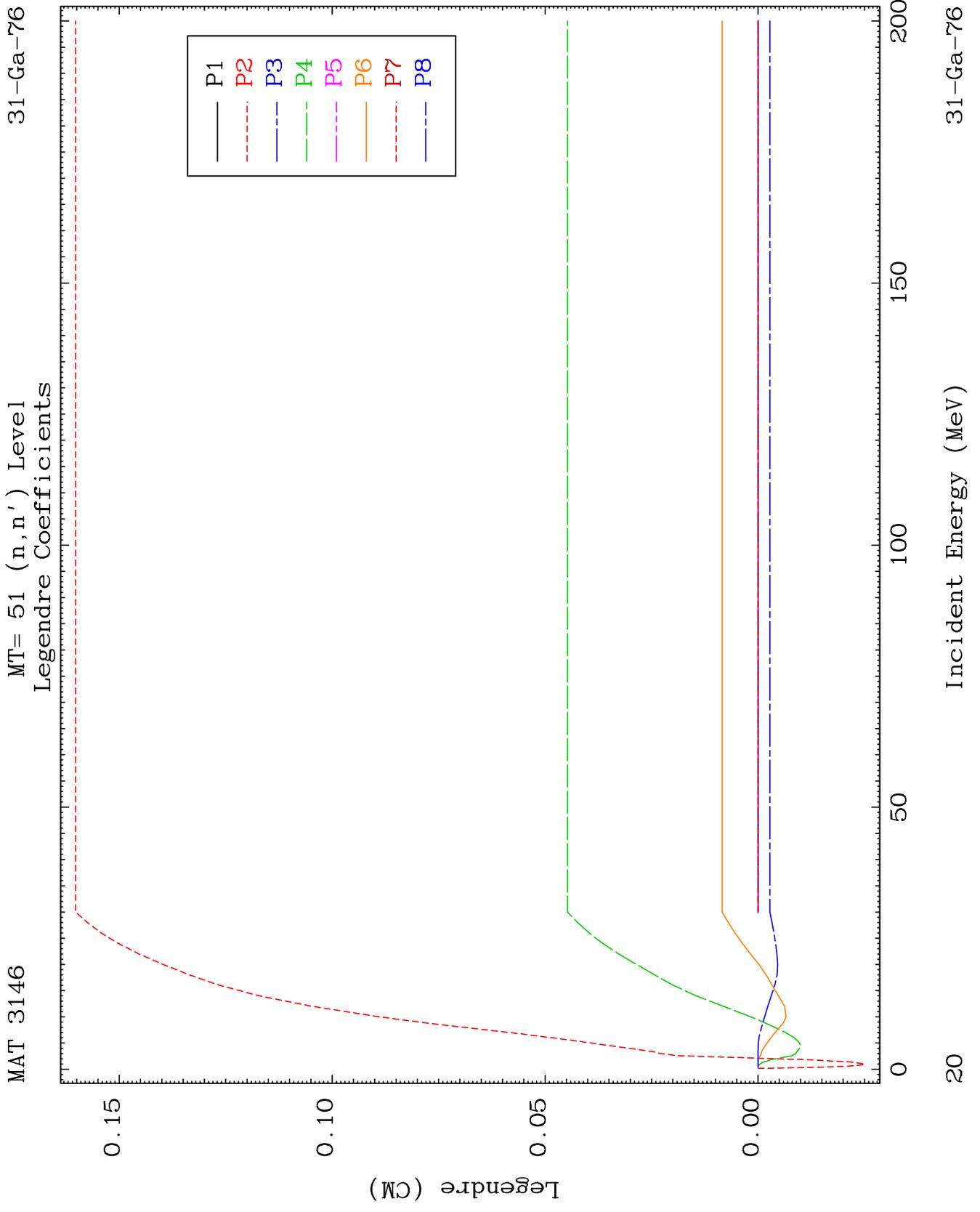
Elastic Legendre Coefficients

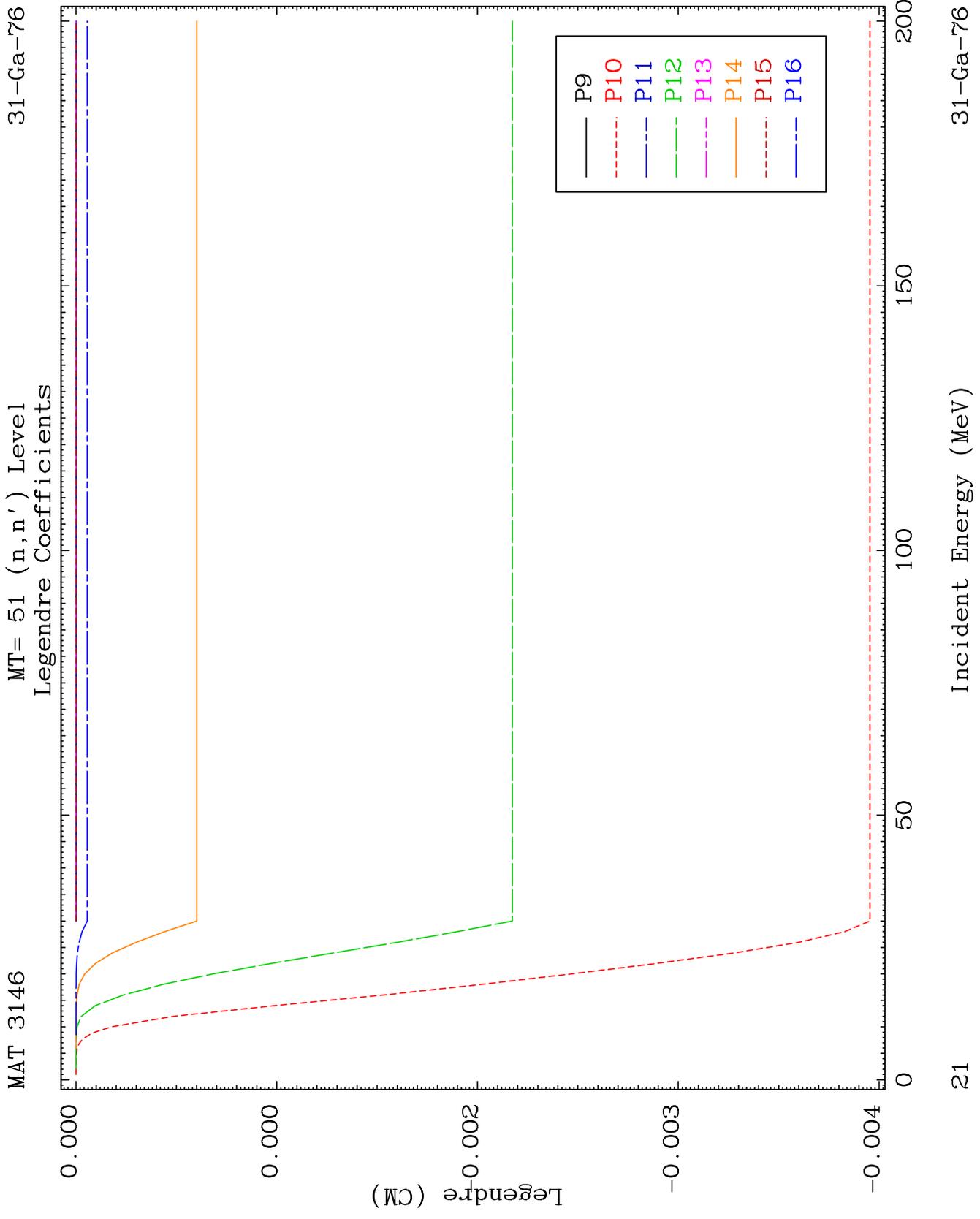


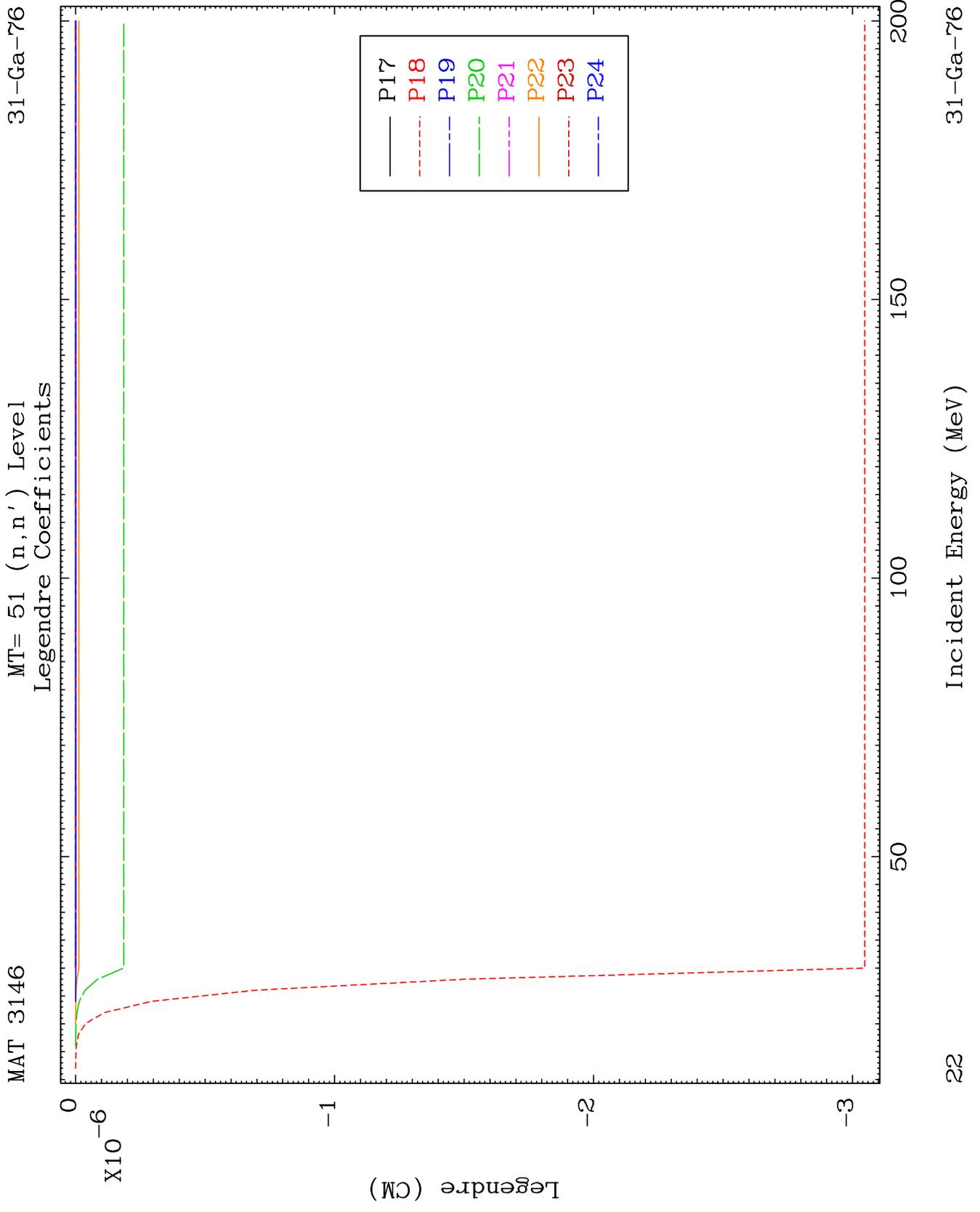
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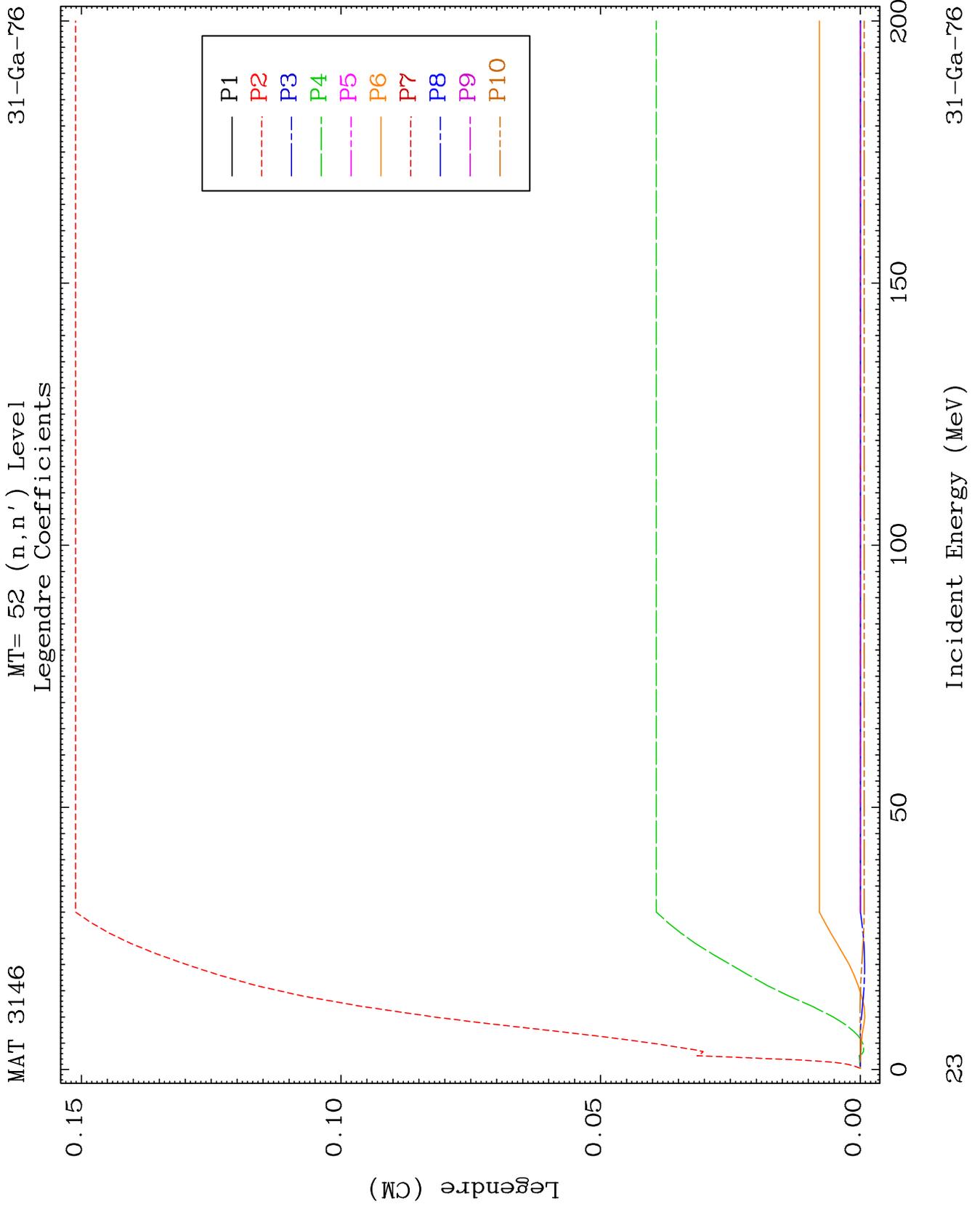
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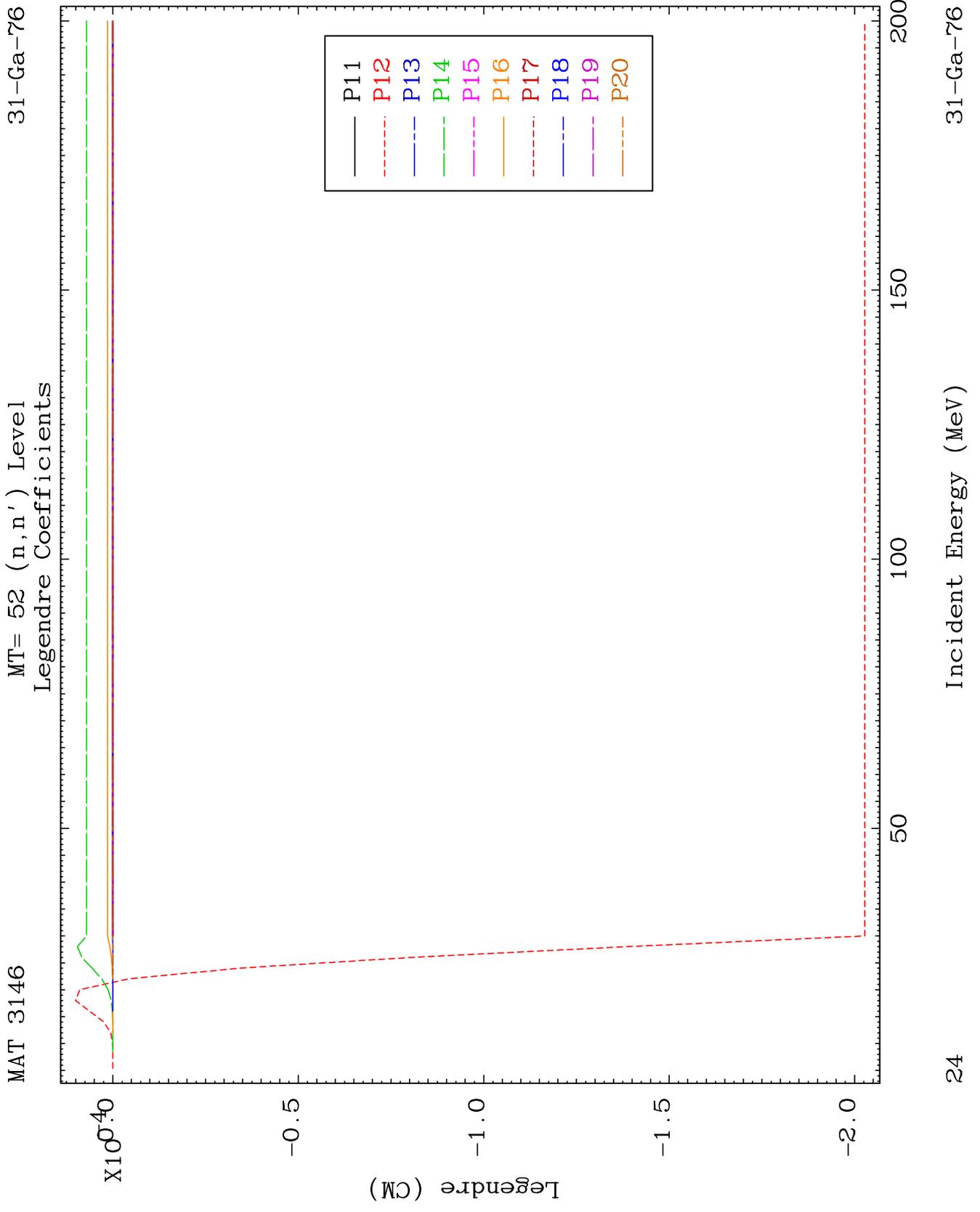
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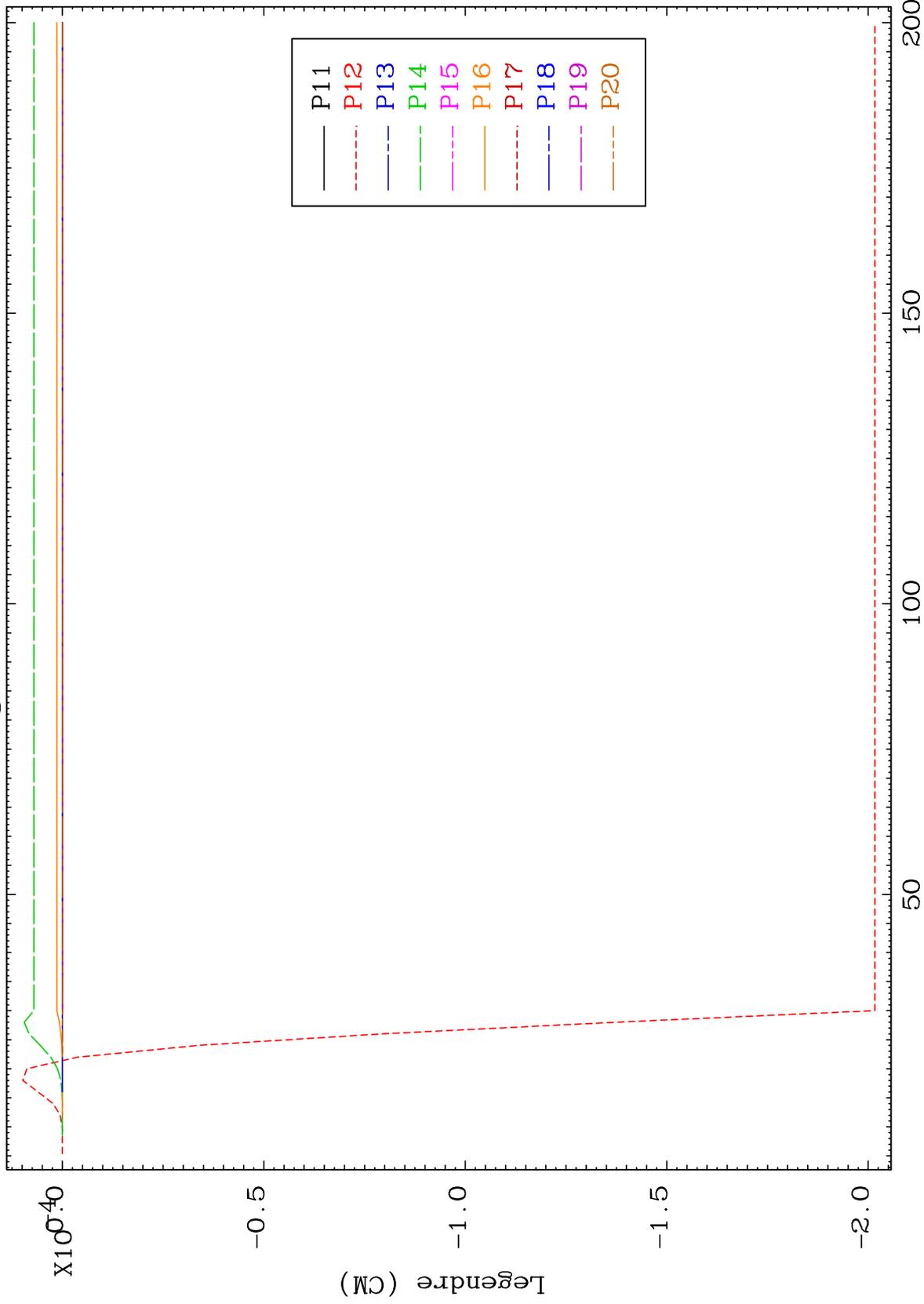




MAT 3146

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

31-Ga-76



26

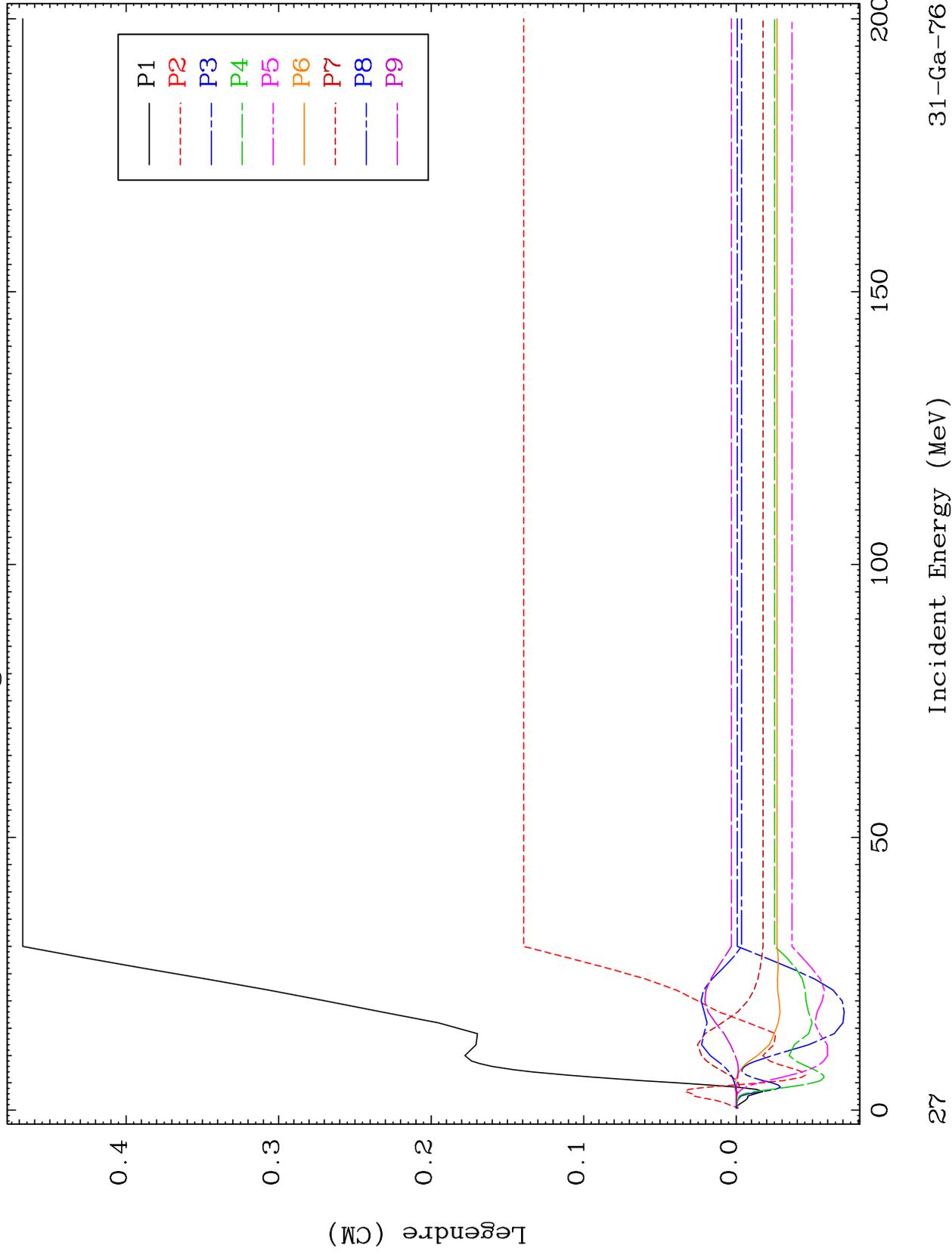
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

³¹Ga-76



27

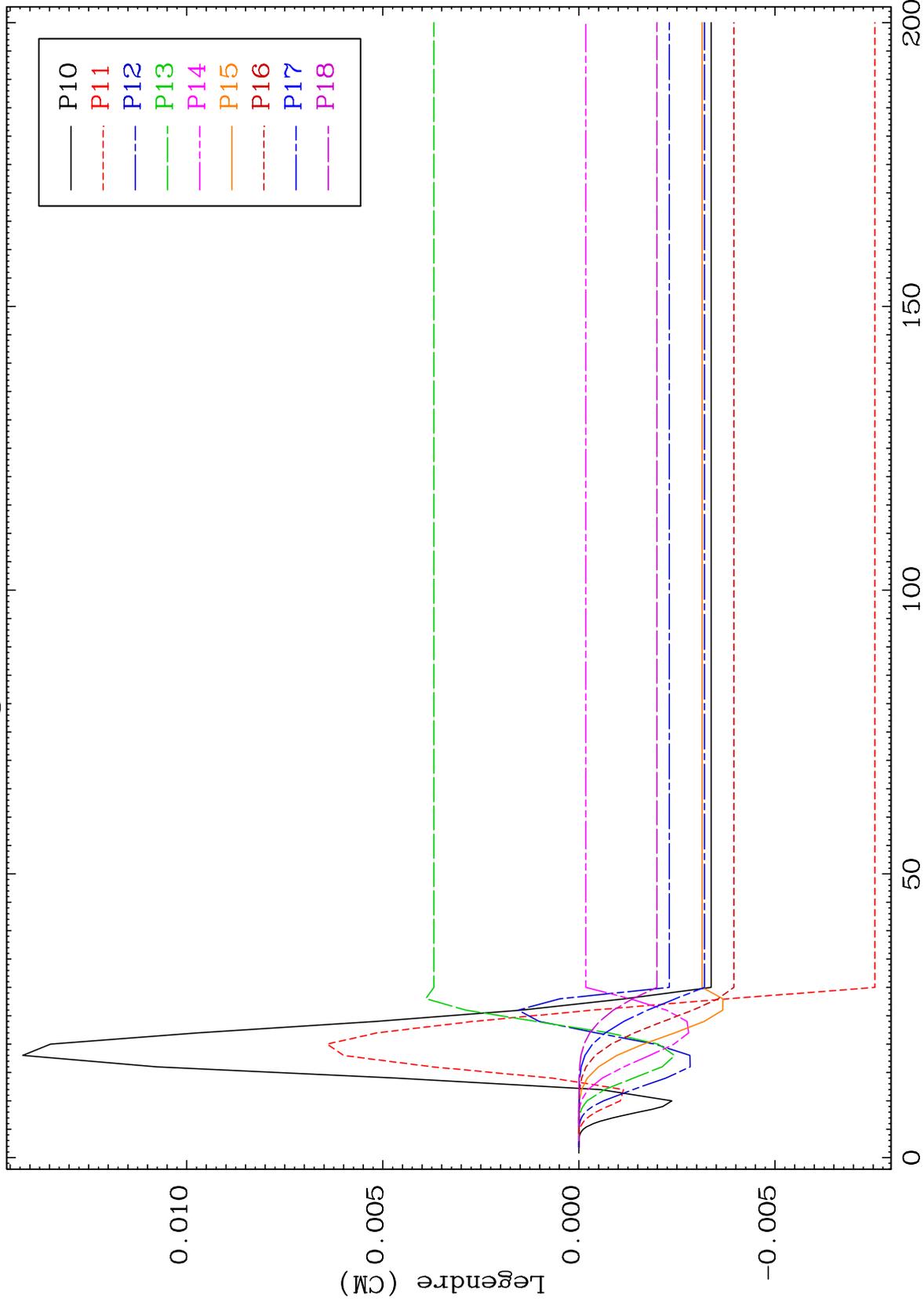
Incident Energy (MeV)

³¹Ga-76

MAT 3146

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

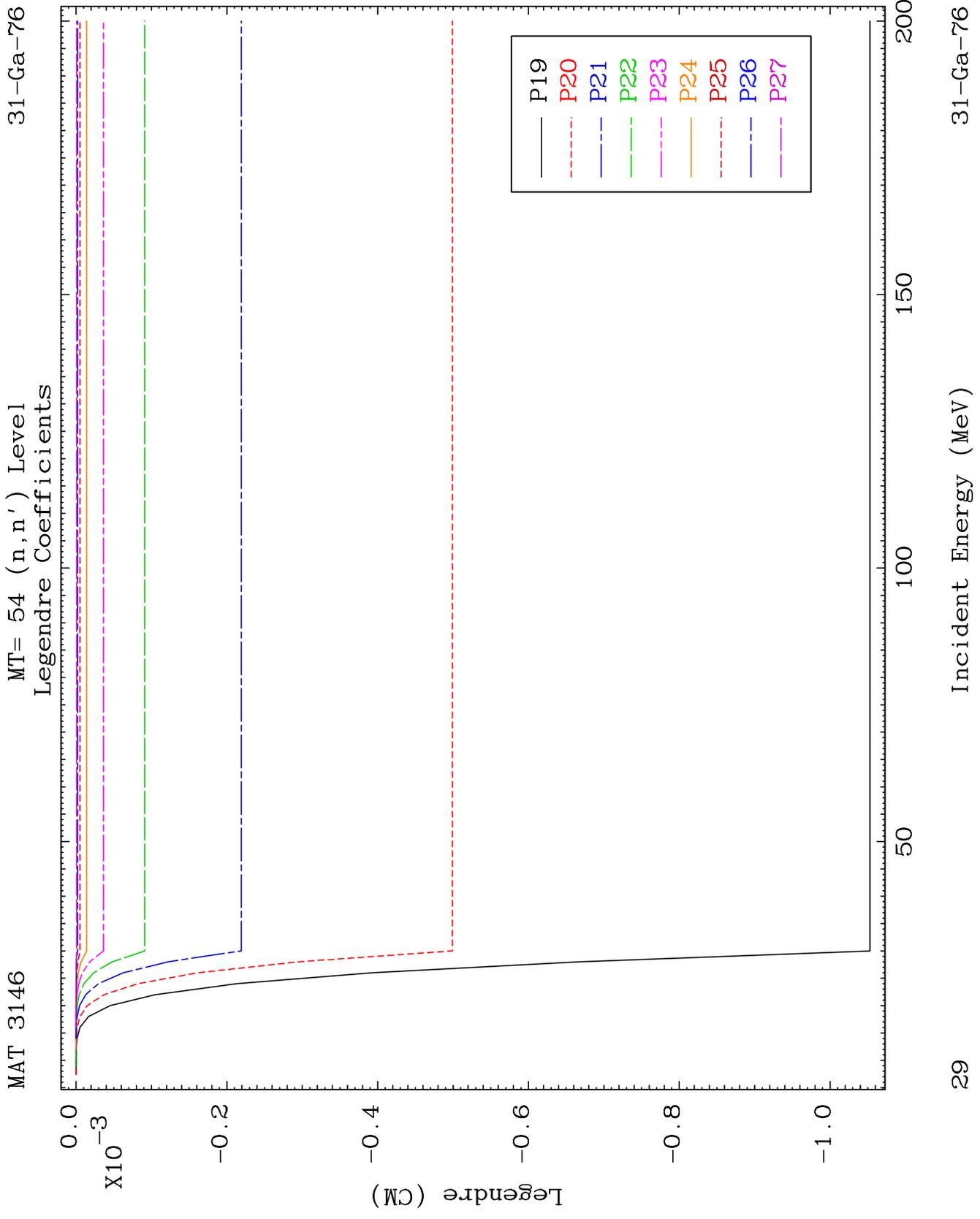
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28

Incident Energy (MeV)

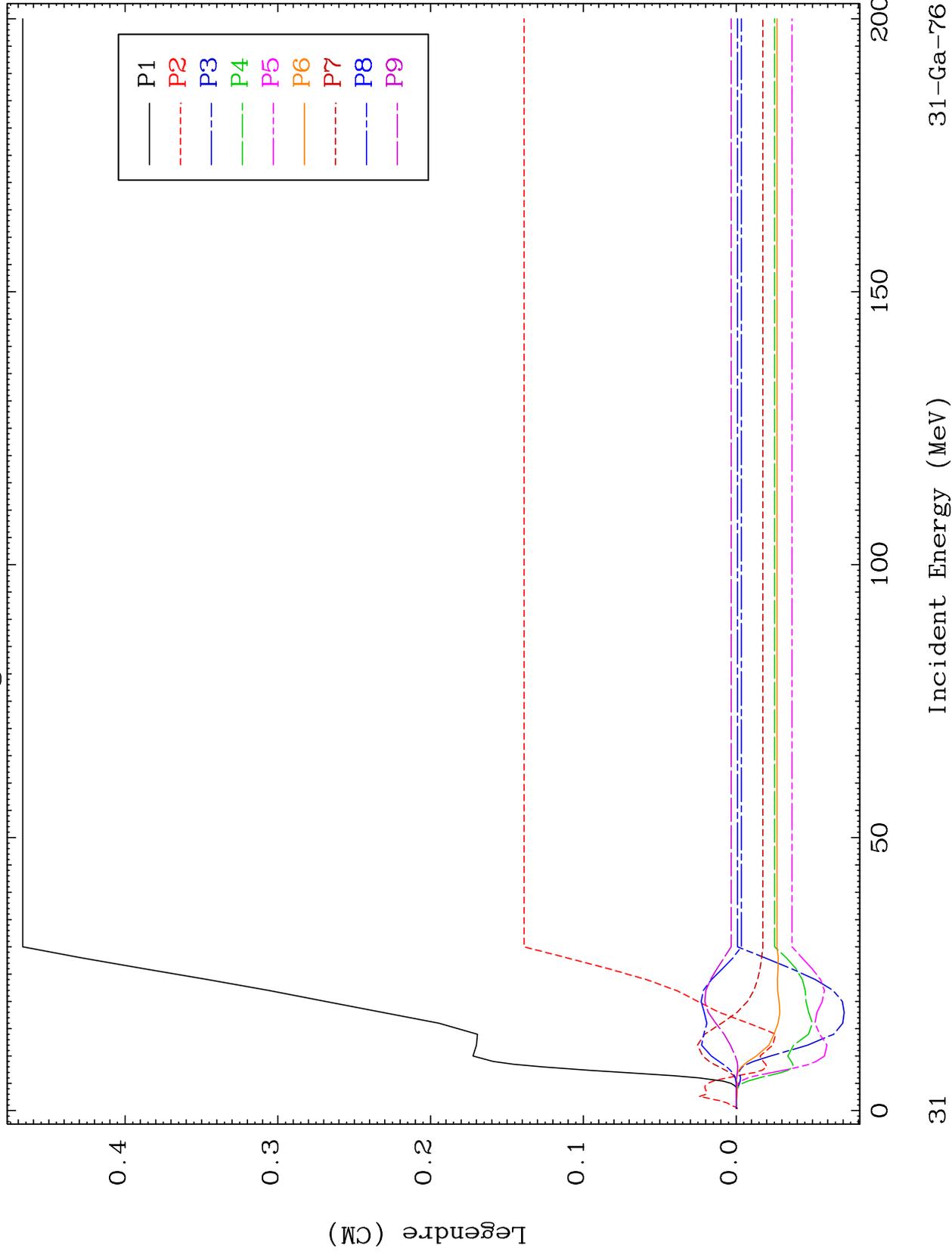
31-Ga-76



MAT 3146

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

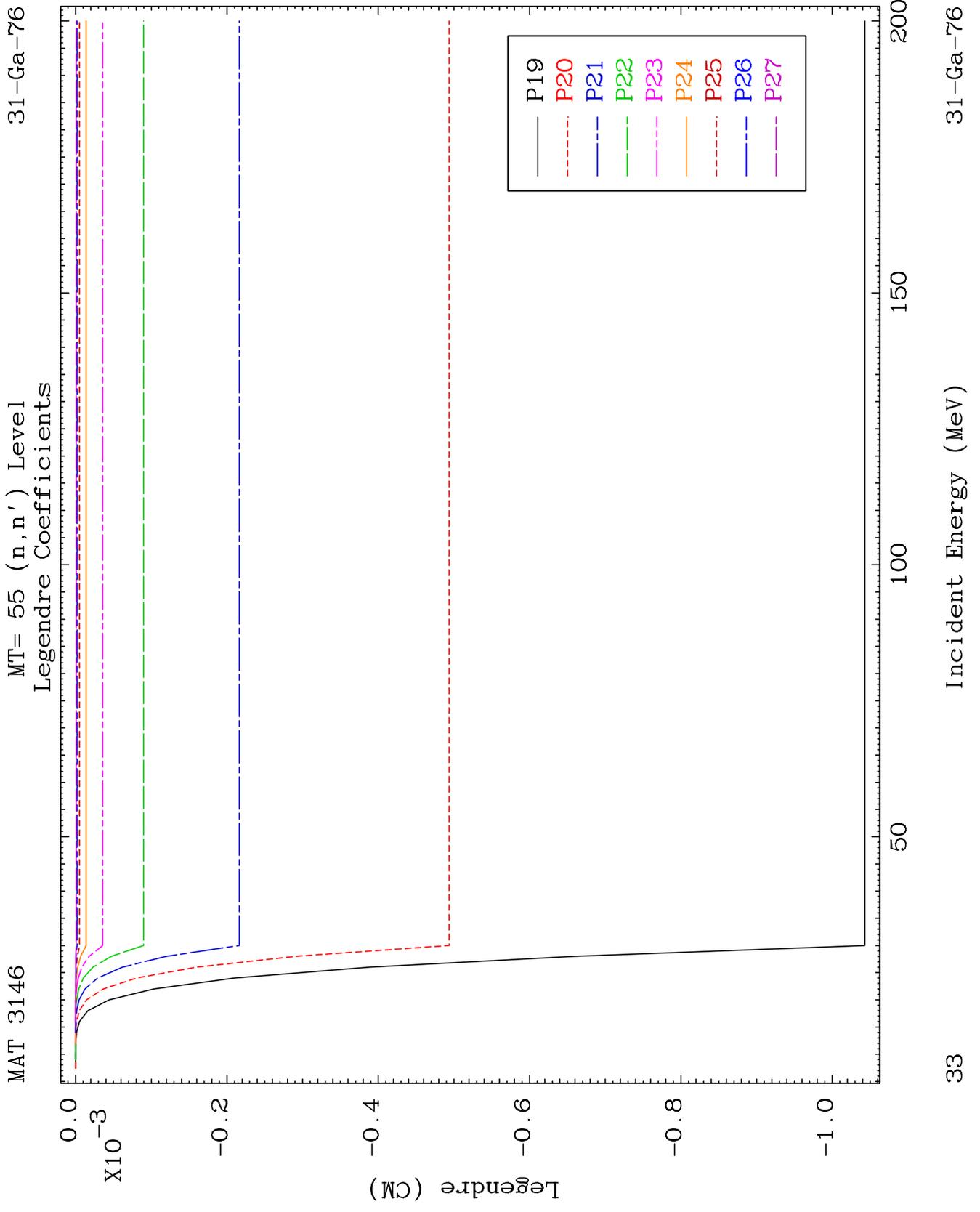
³¹Ga-76

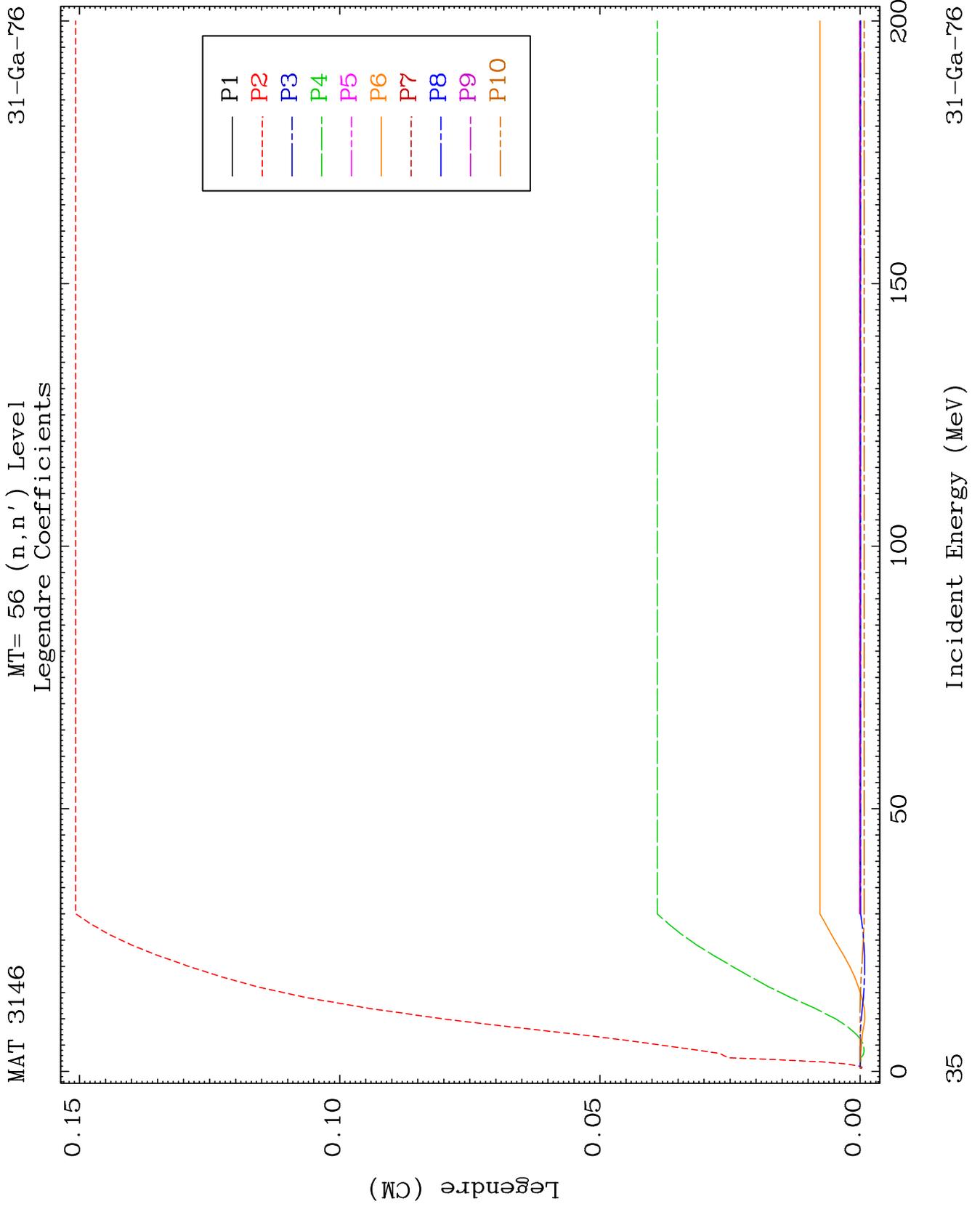


³¹Ga-76

Incident Energy (MeV)

31

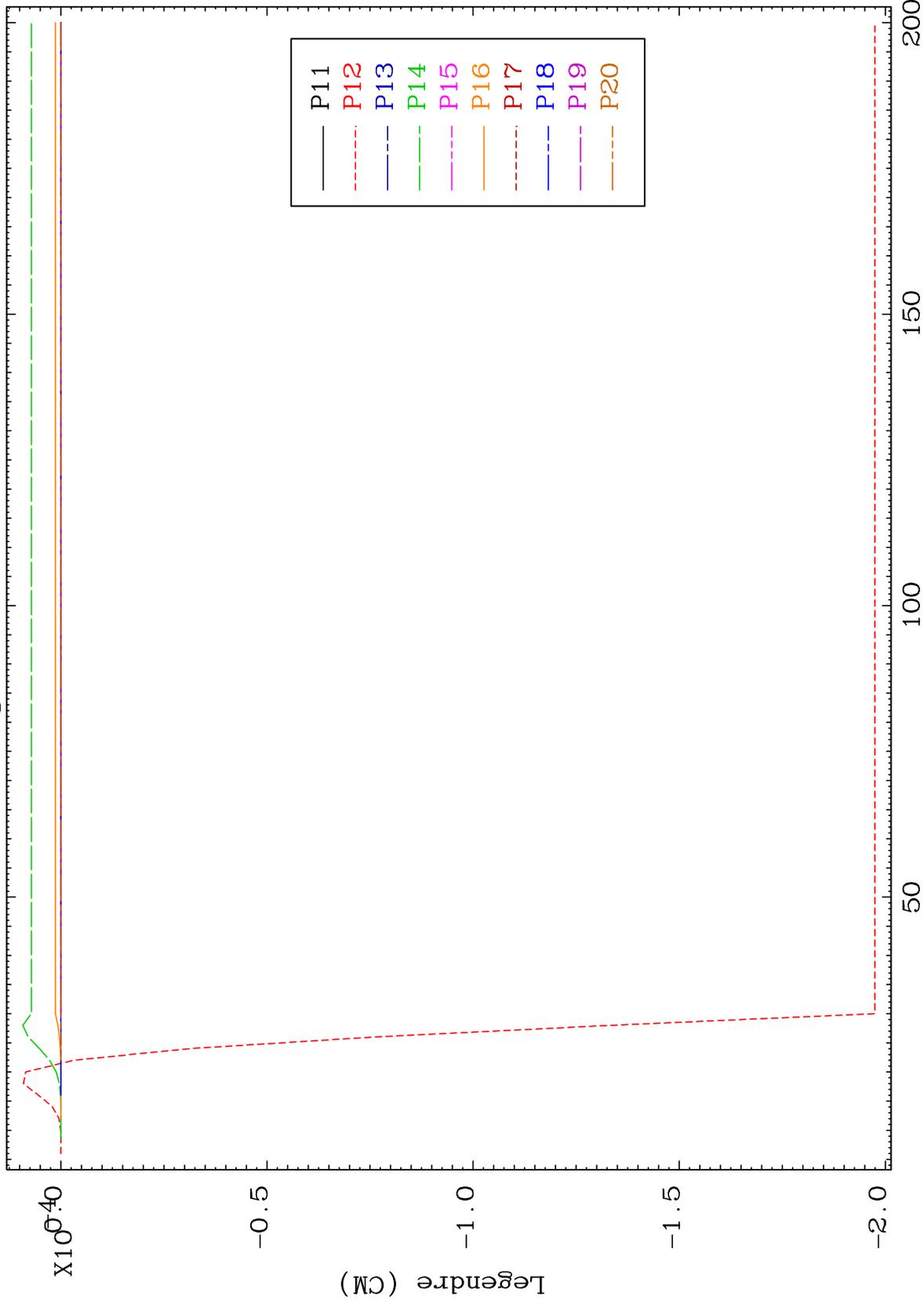




MAT 3146

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

31-Ga-76



36

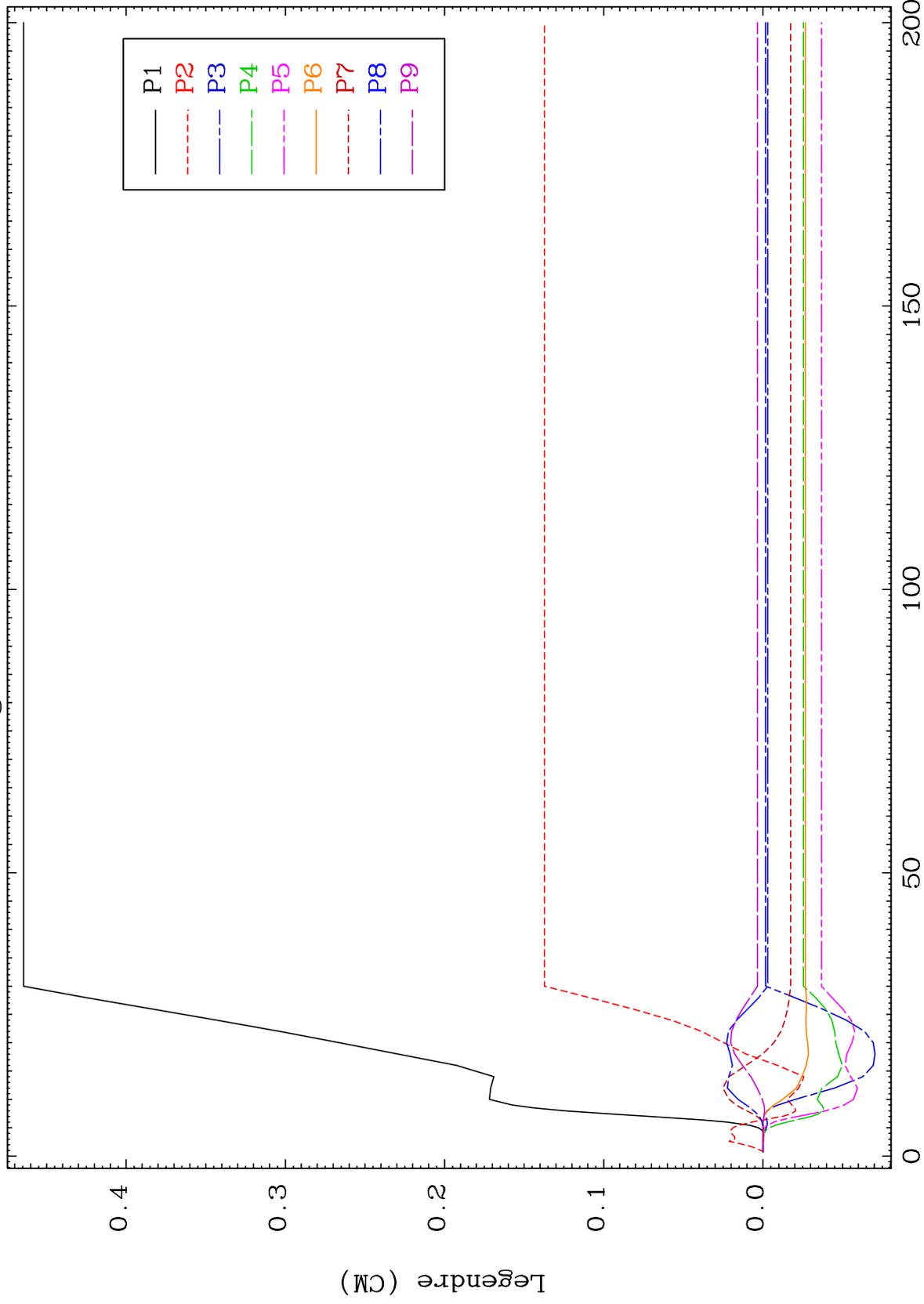
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

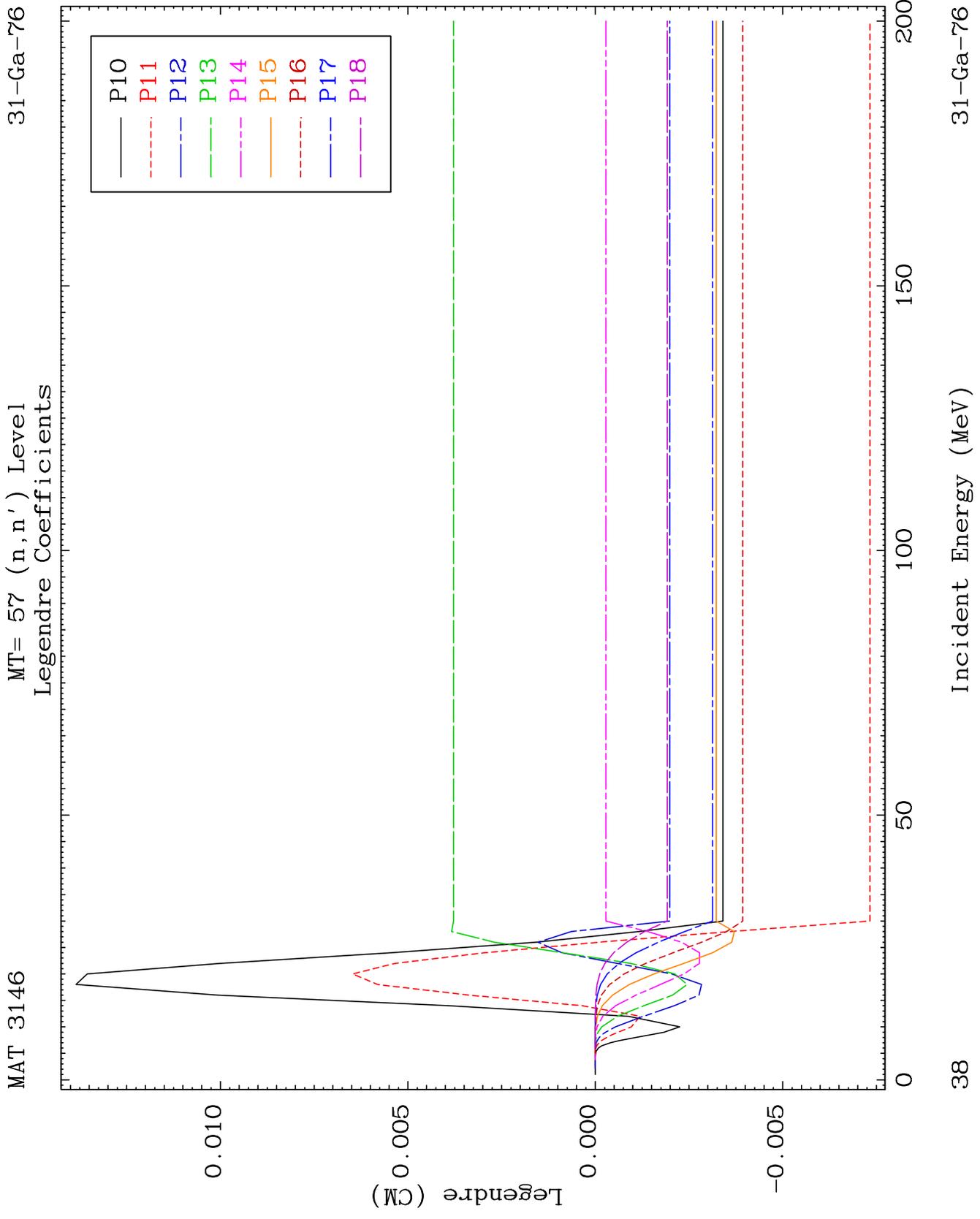
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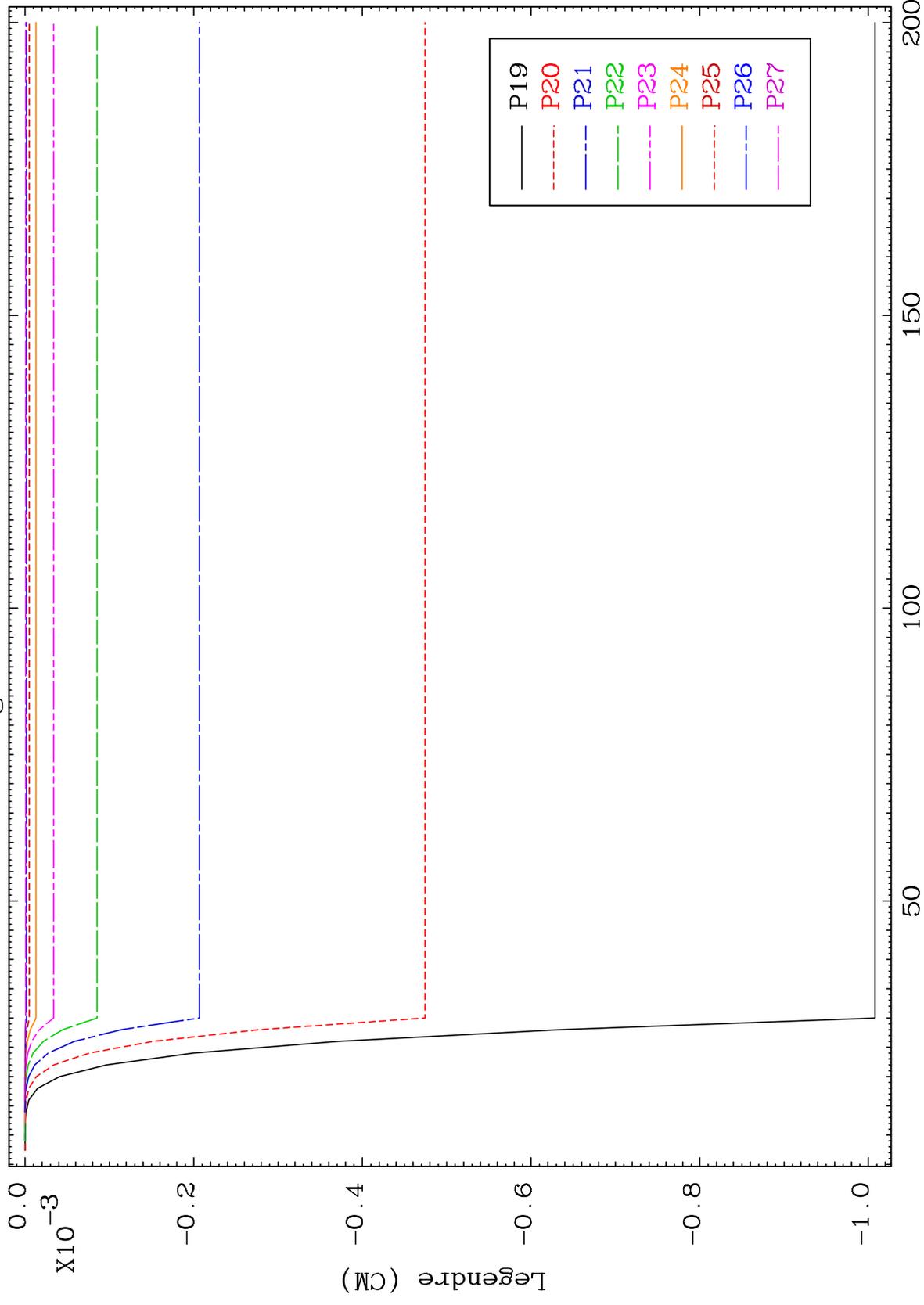
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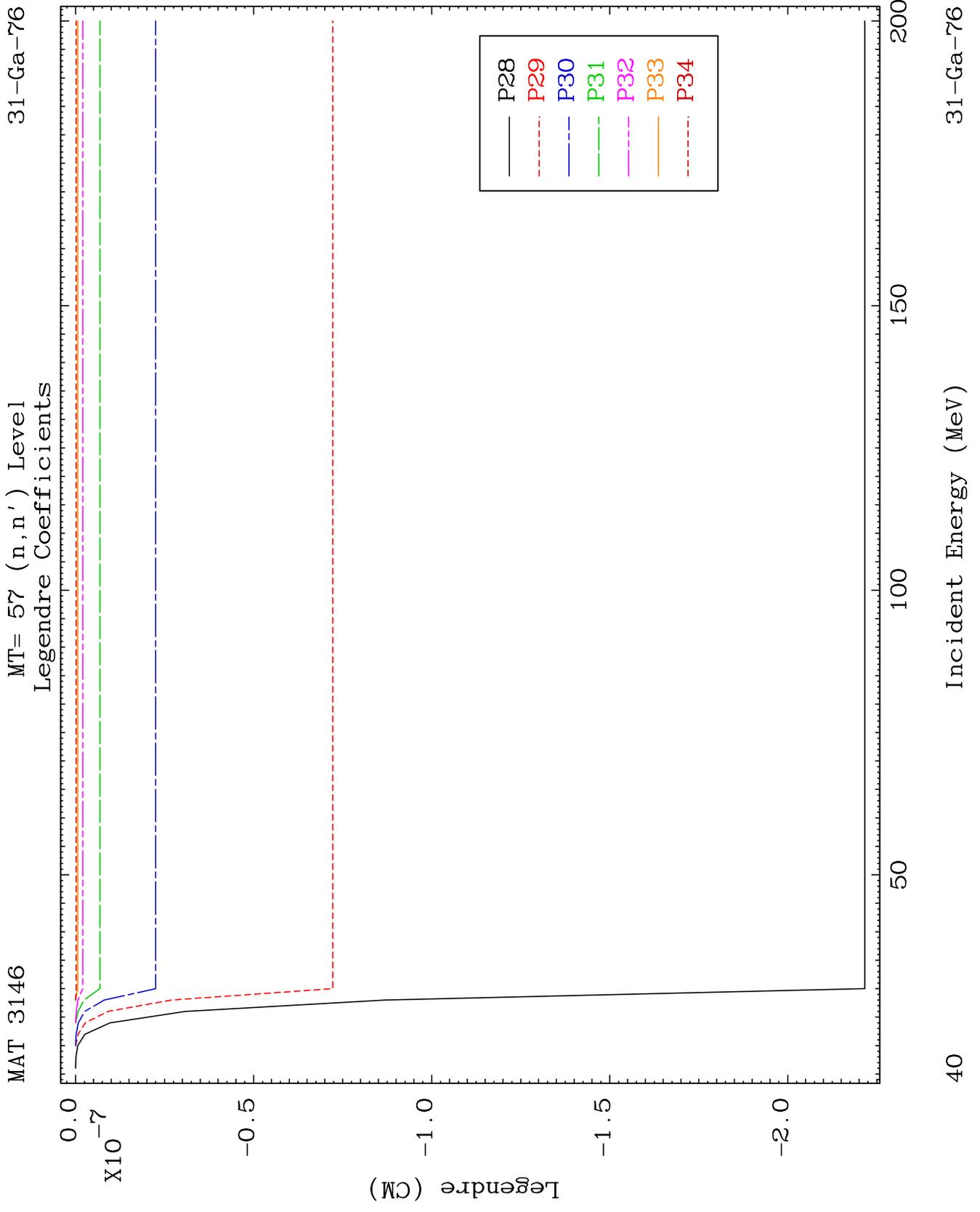
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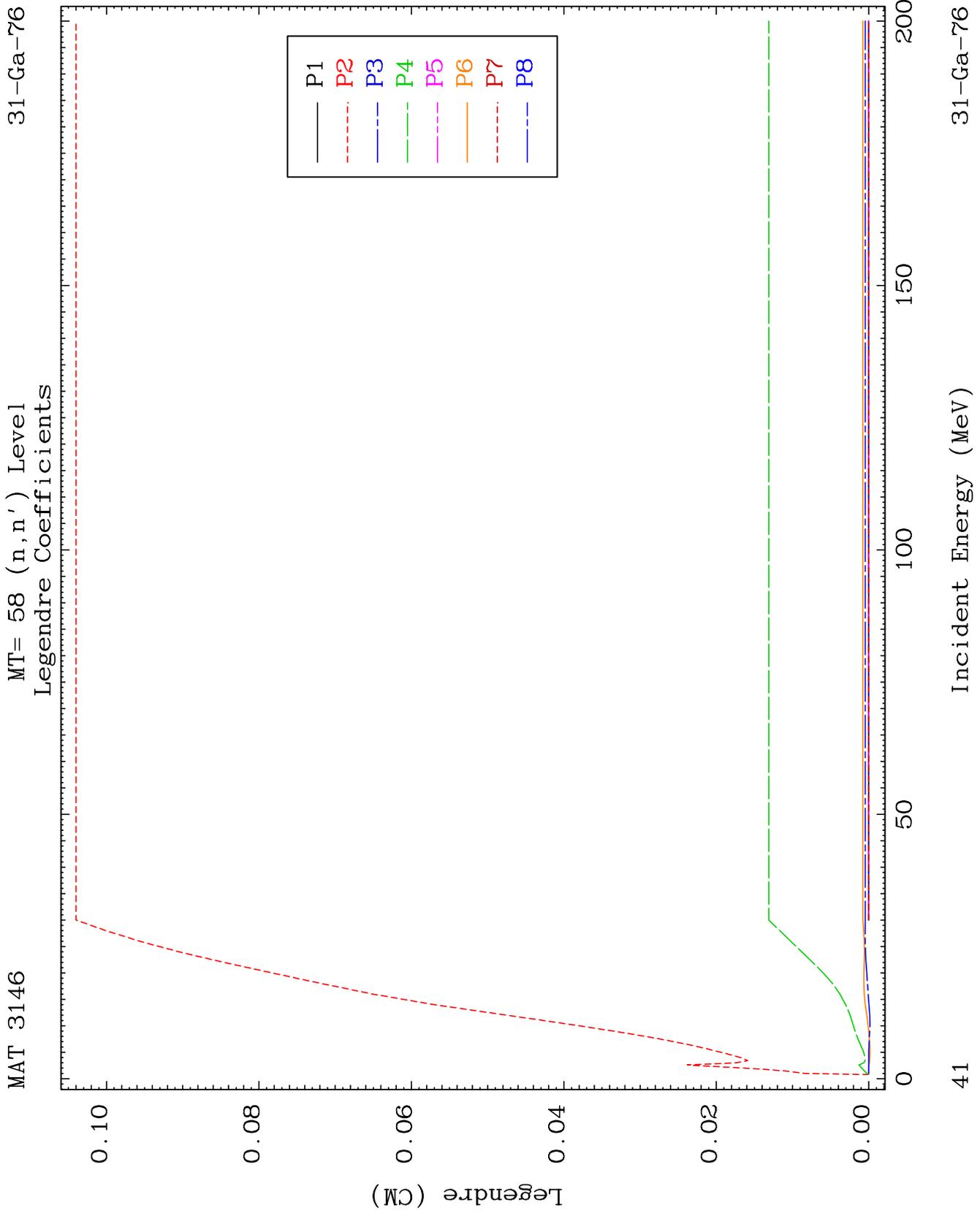
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Legendre Coefficients



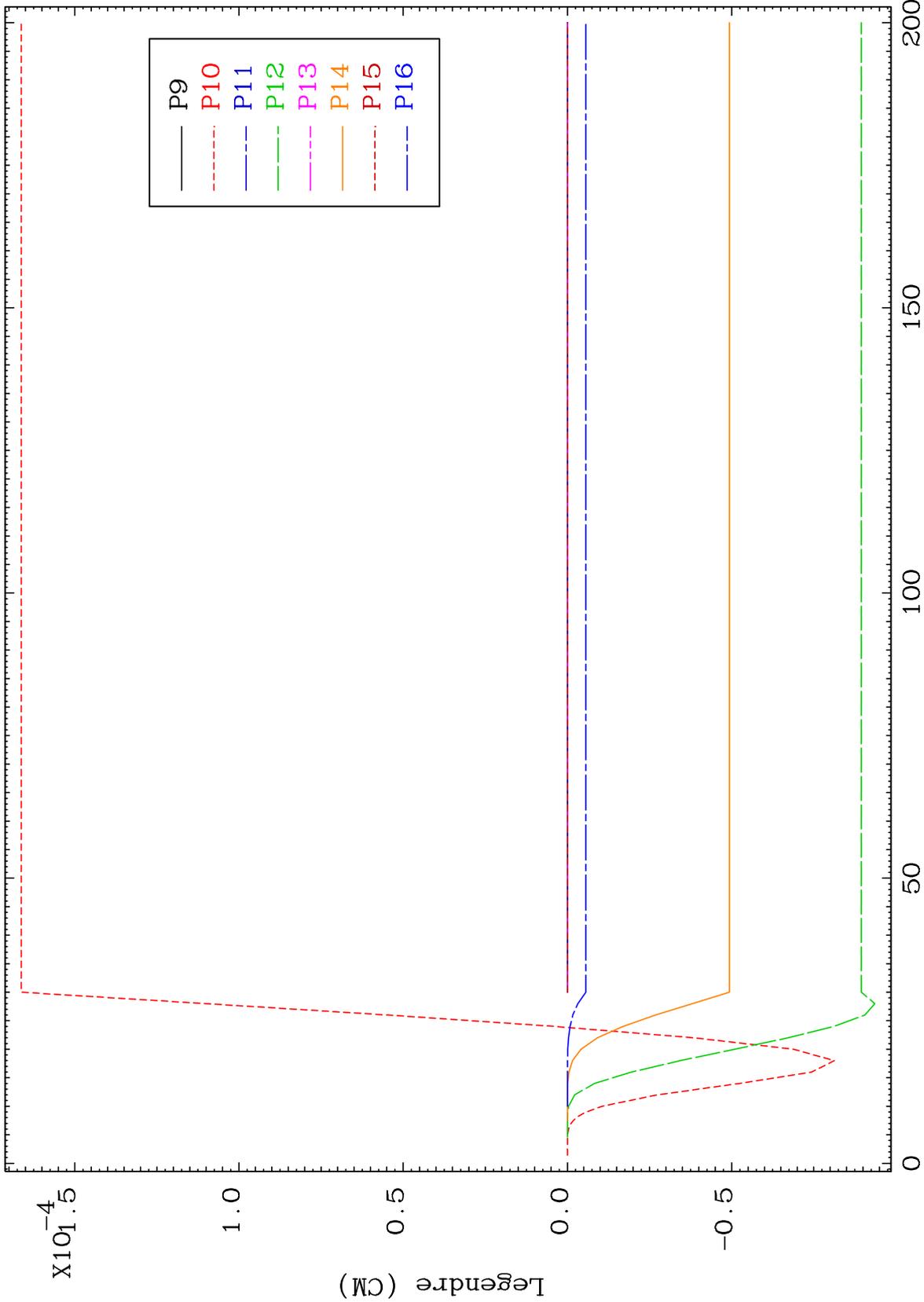




MAT 3146

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

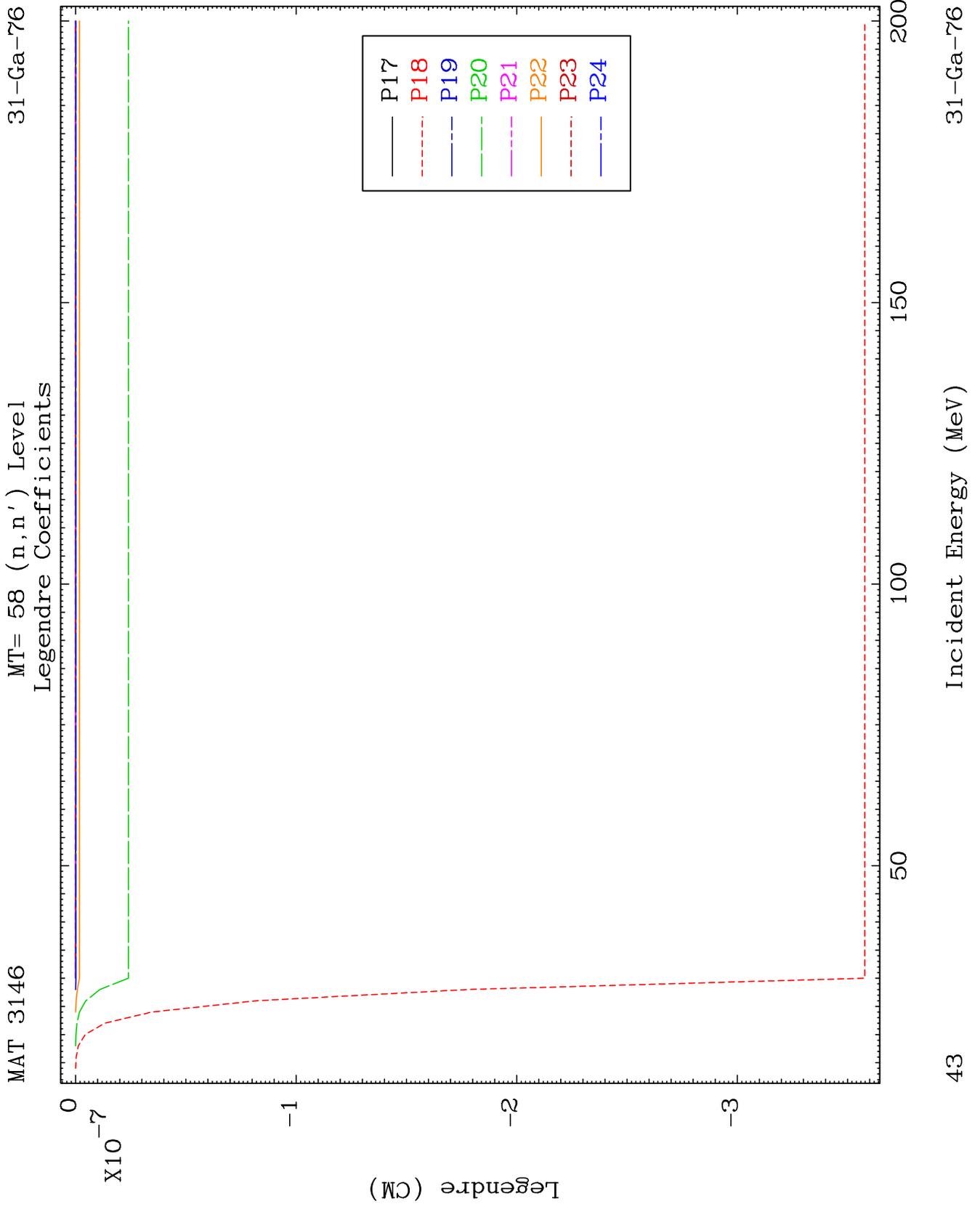
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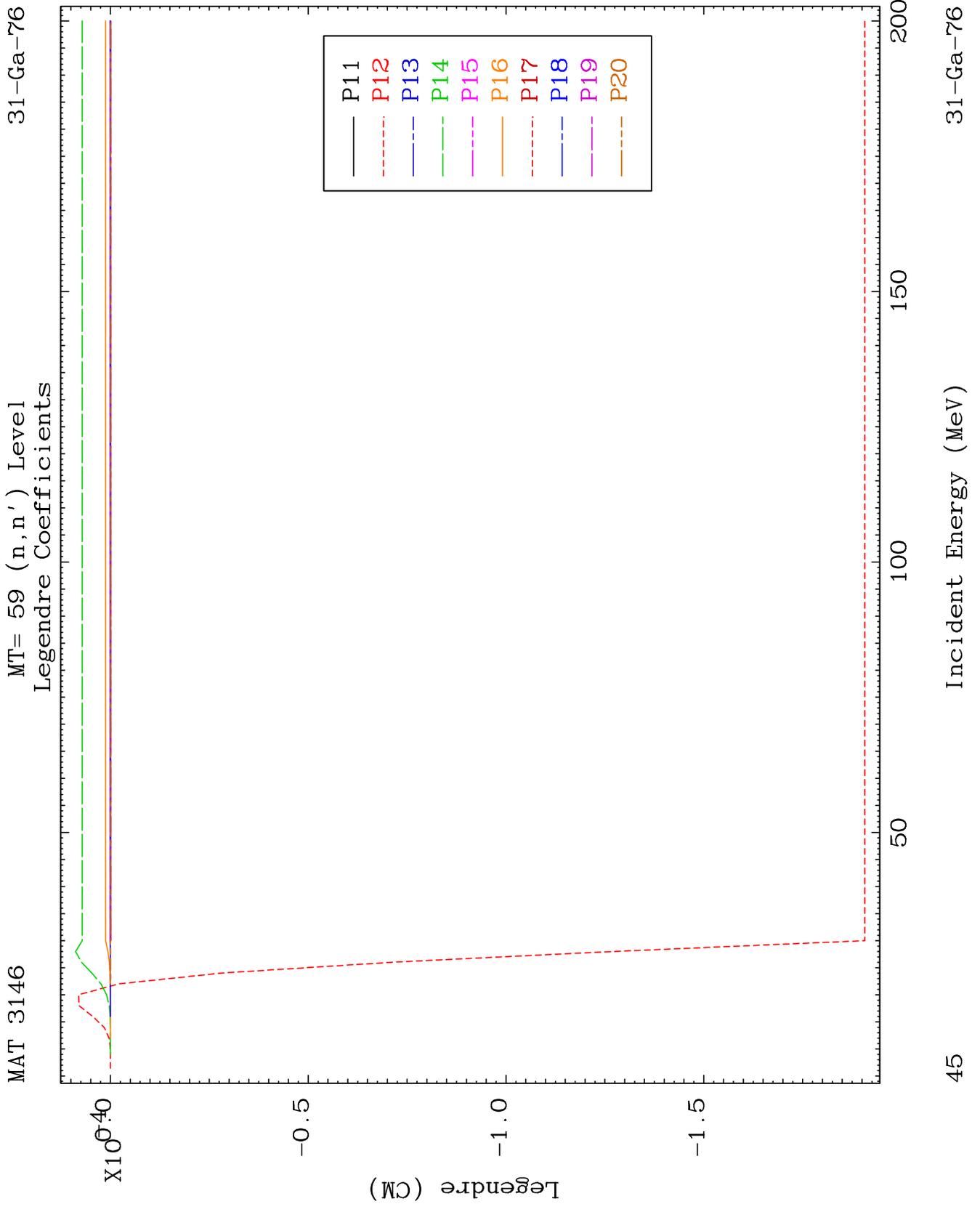


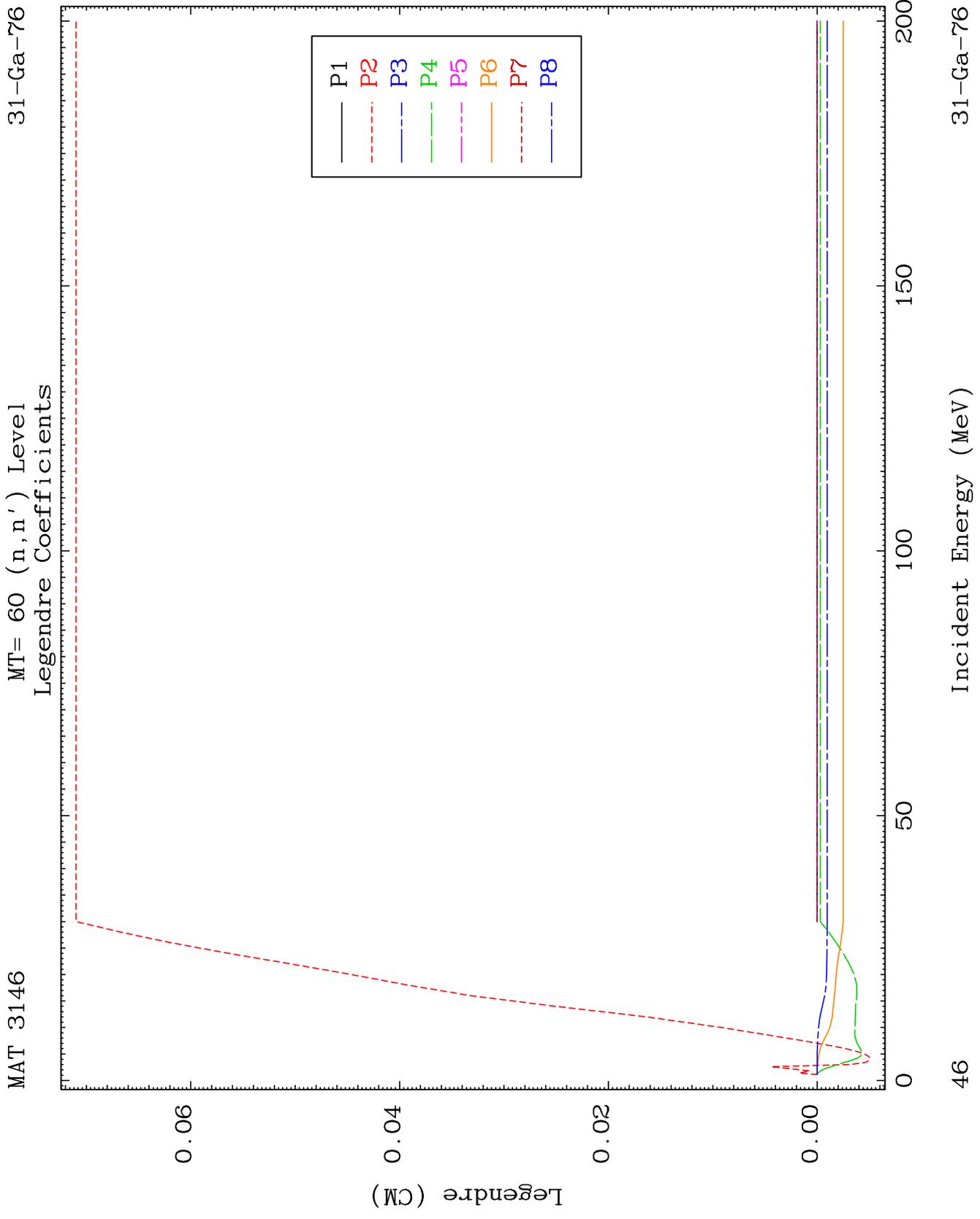
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Incident Energy (MeV)

31-Ga-76



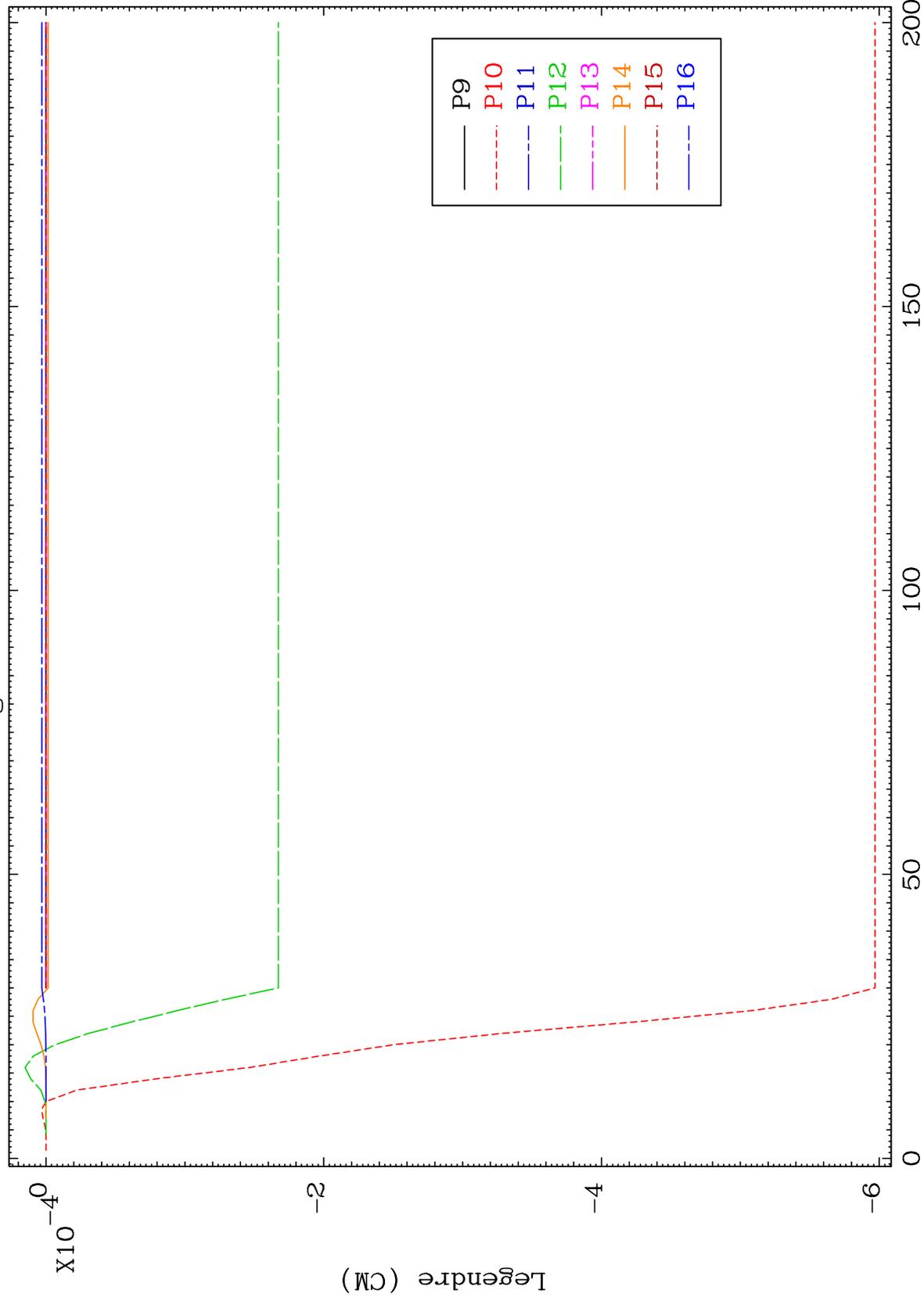




MAT 3146

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

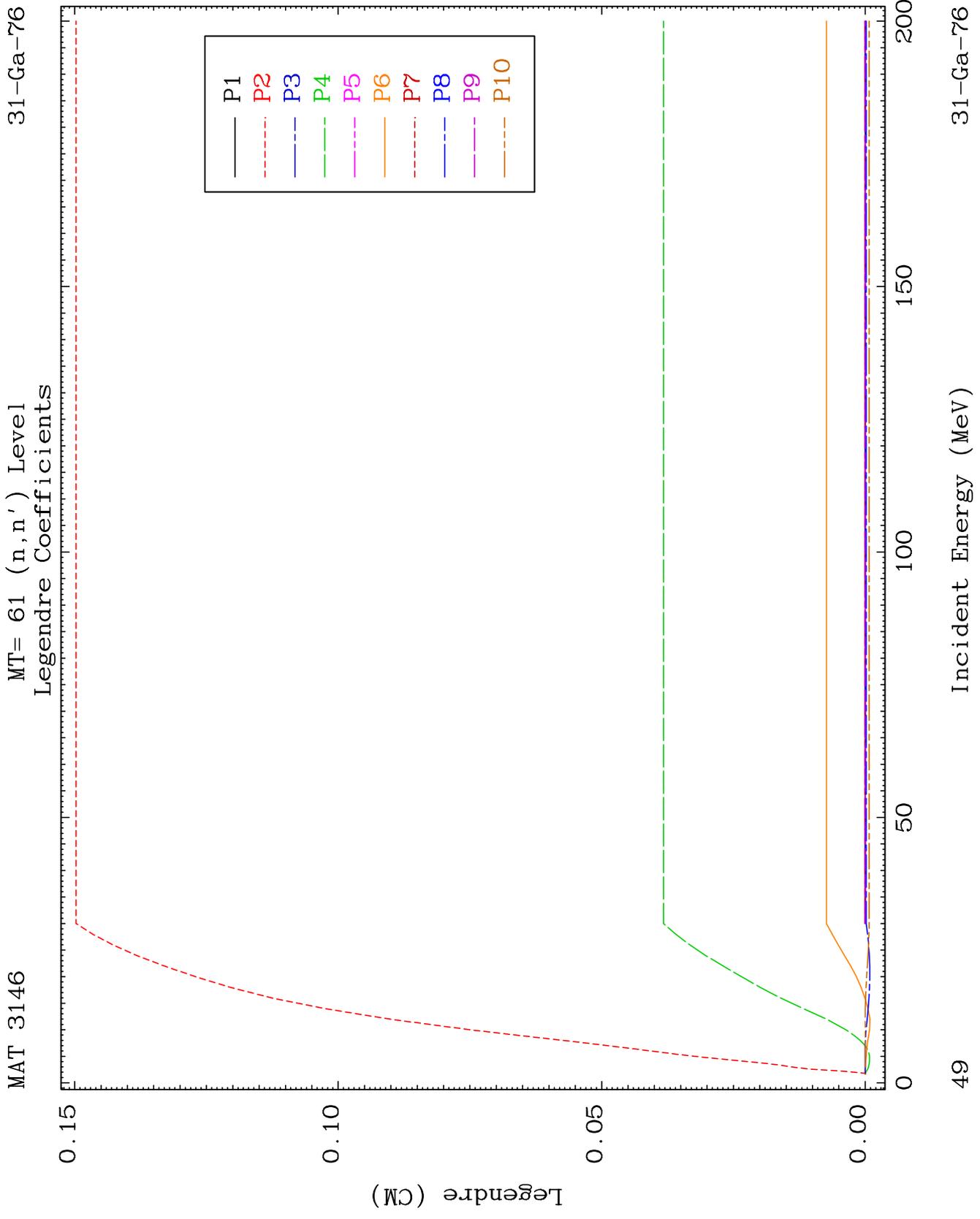
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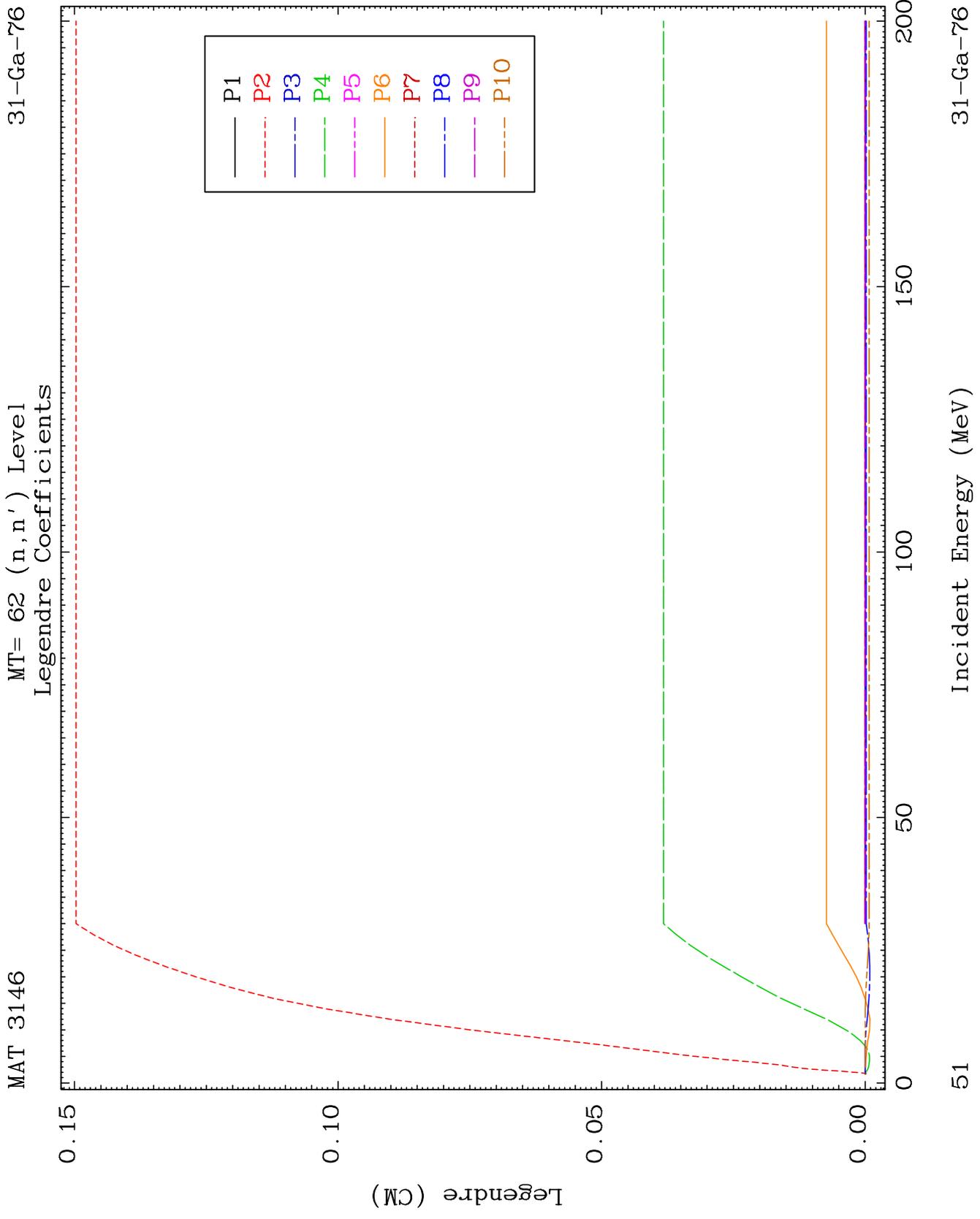


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Incident Energy (MeV)

31-Ga-76

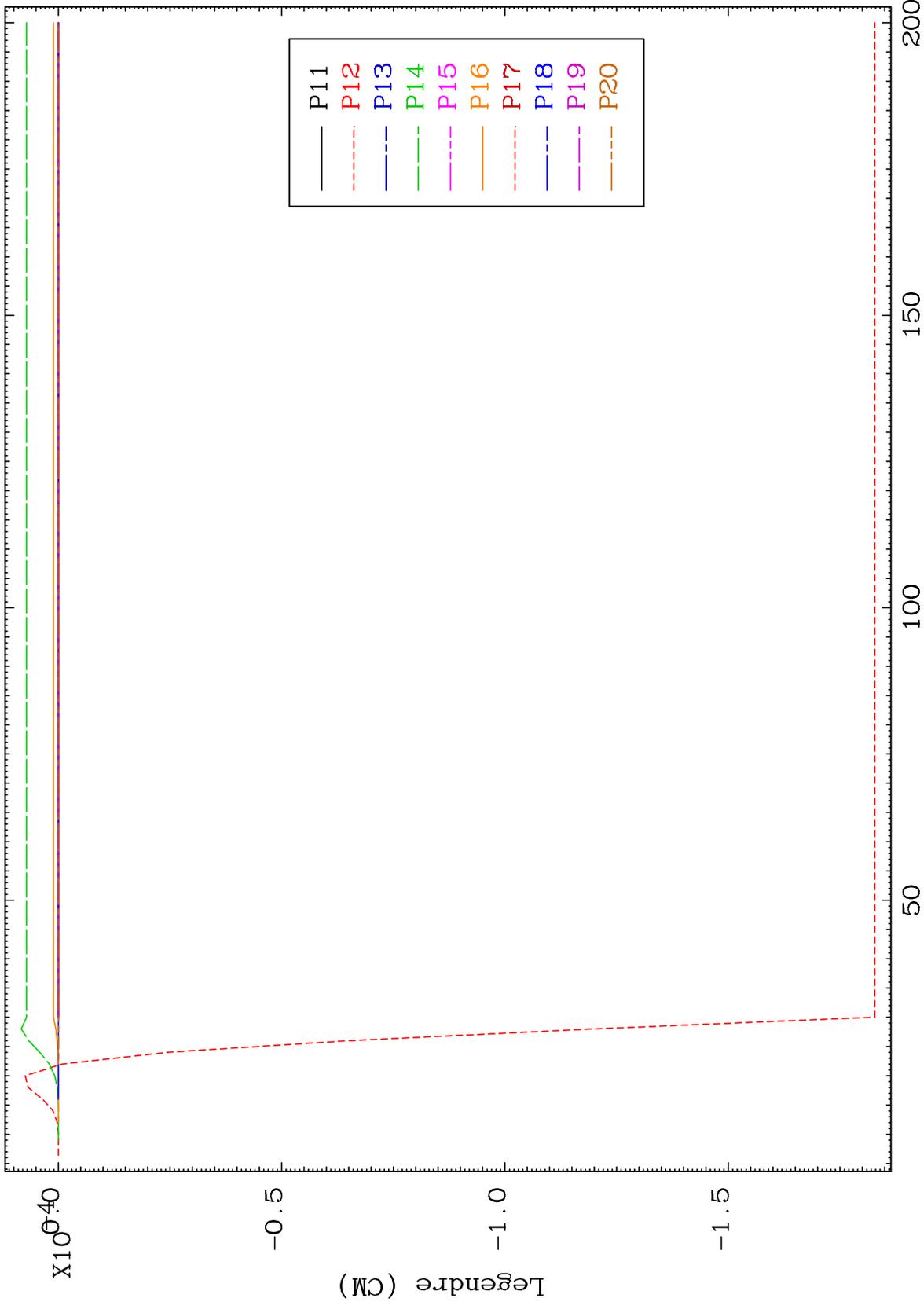




MAT 3146

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

31-Ga-76



52

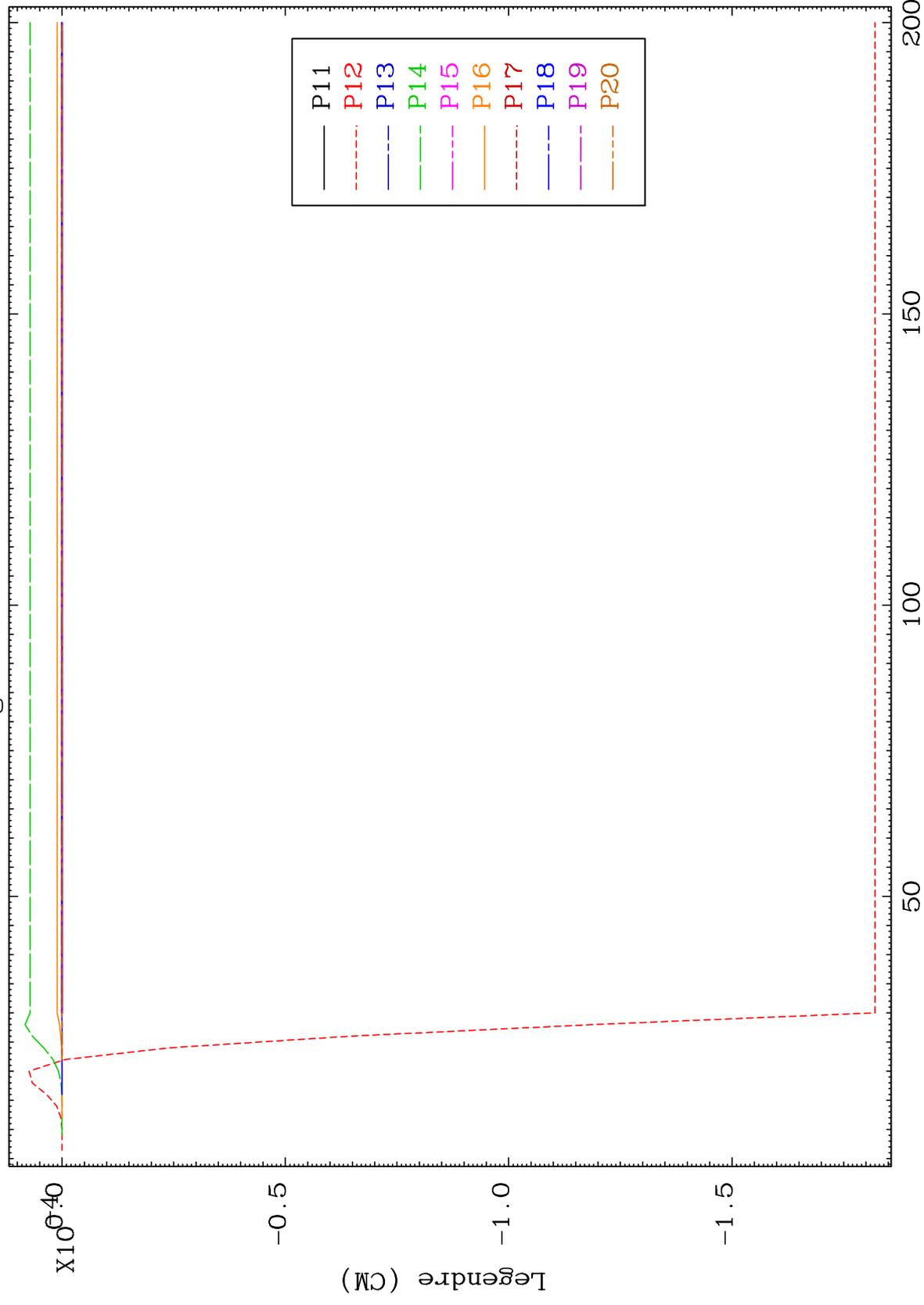
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

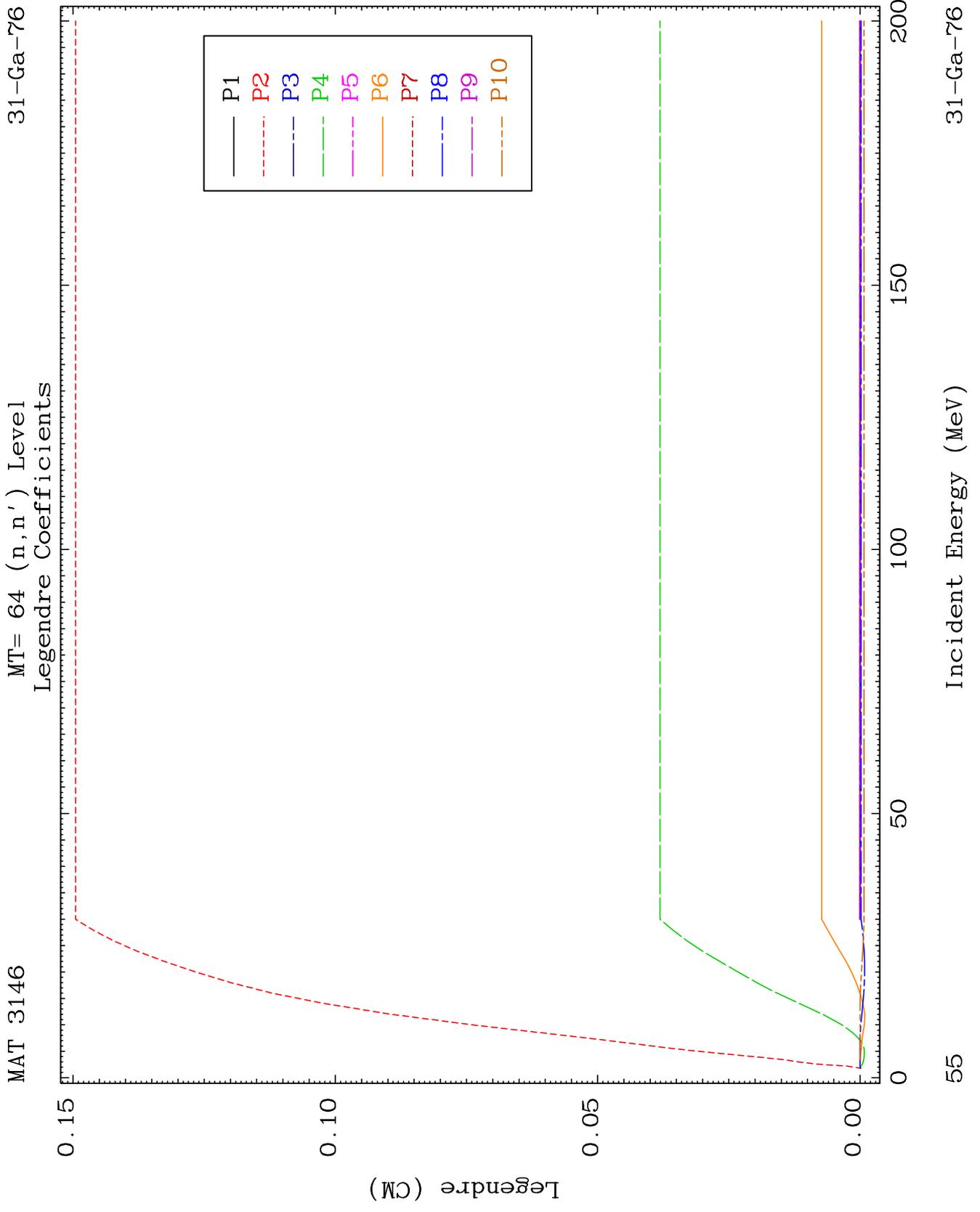
31-Ga-76



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Incident Energy (MeV)

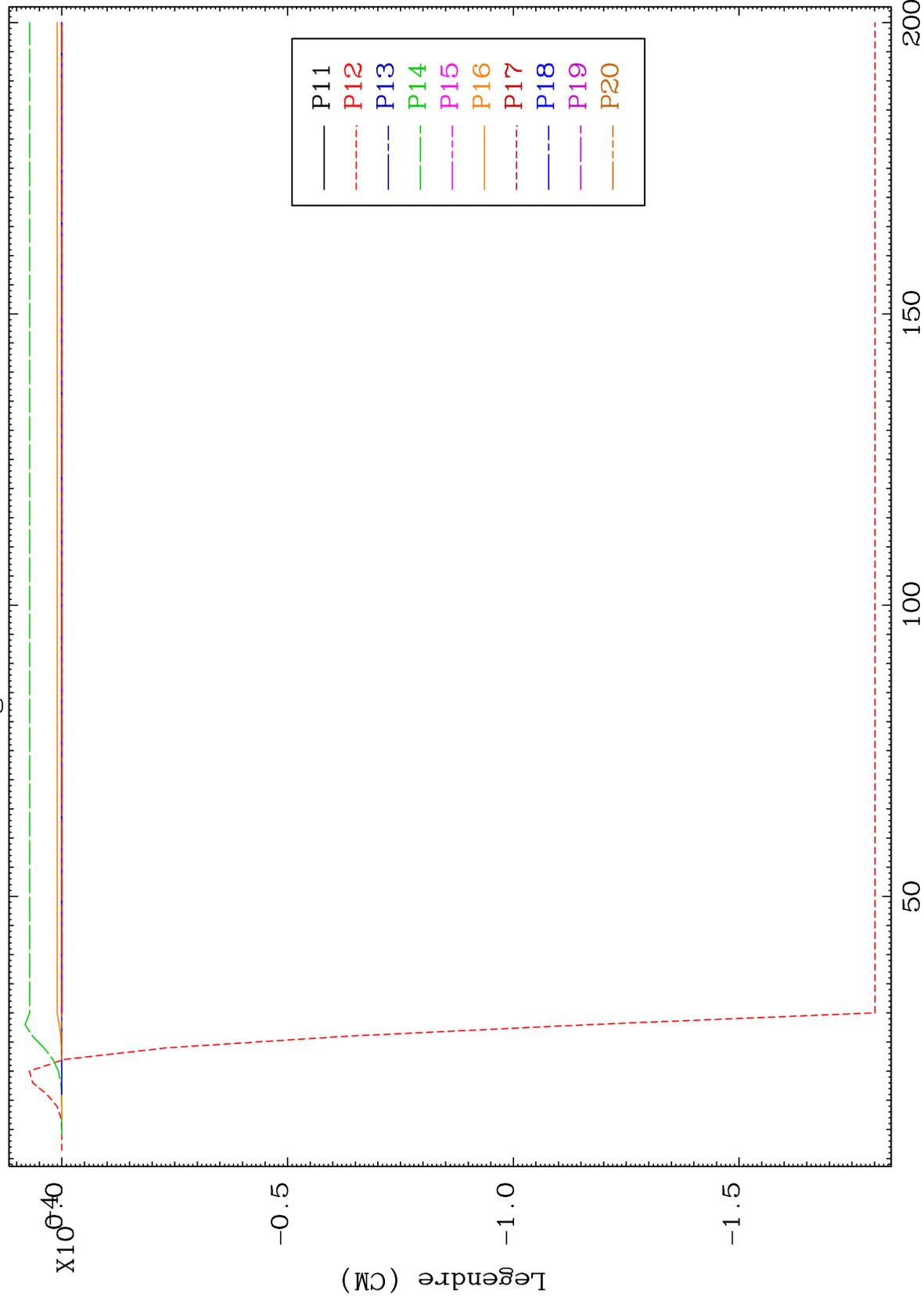
31-Ga-76



MAT 3146

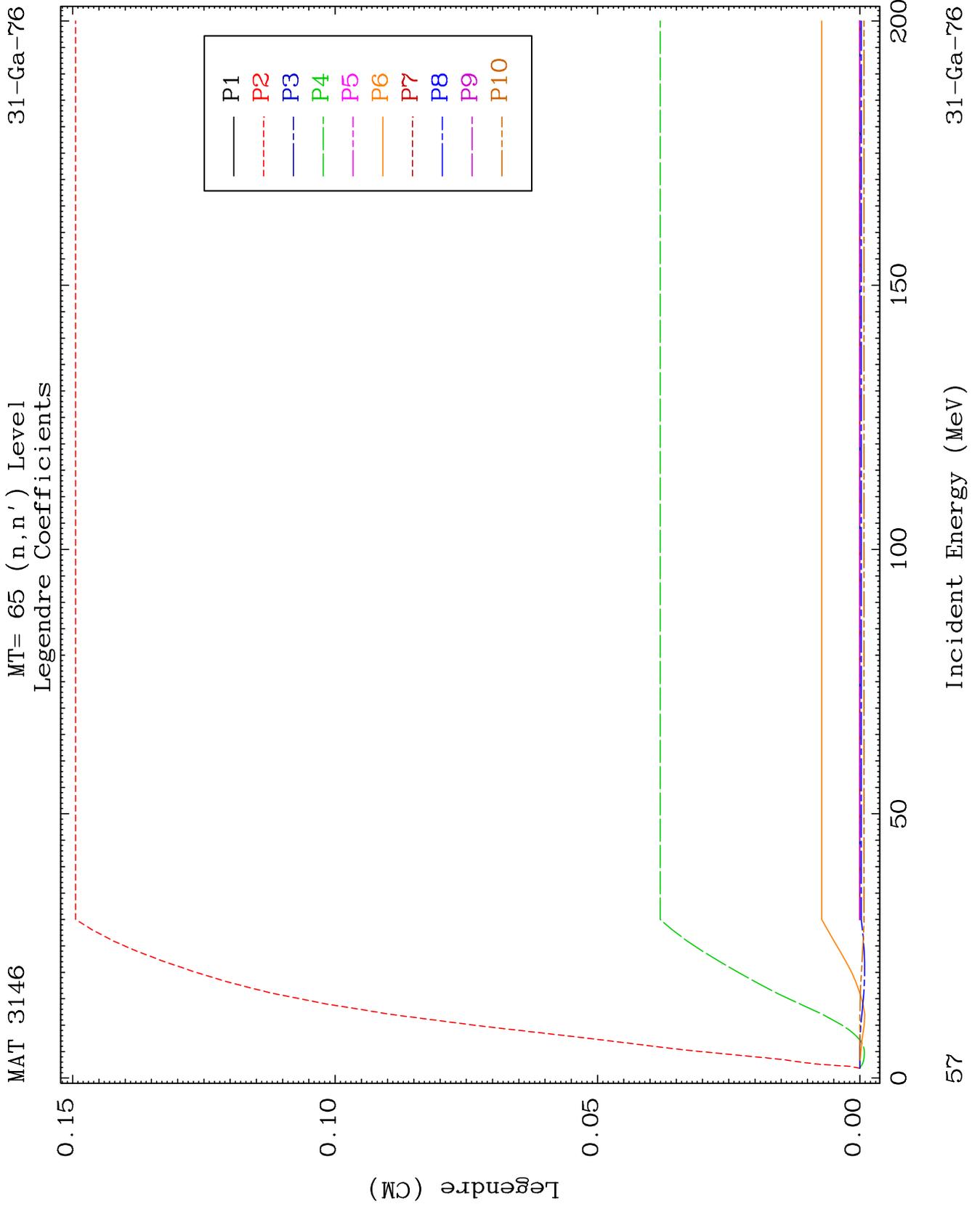
MT= 64 (n,n') Level
Legendre Coefficients

31-Ga-76



56

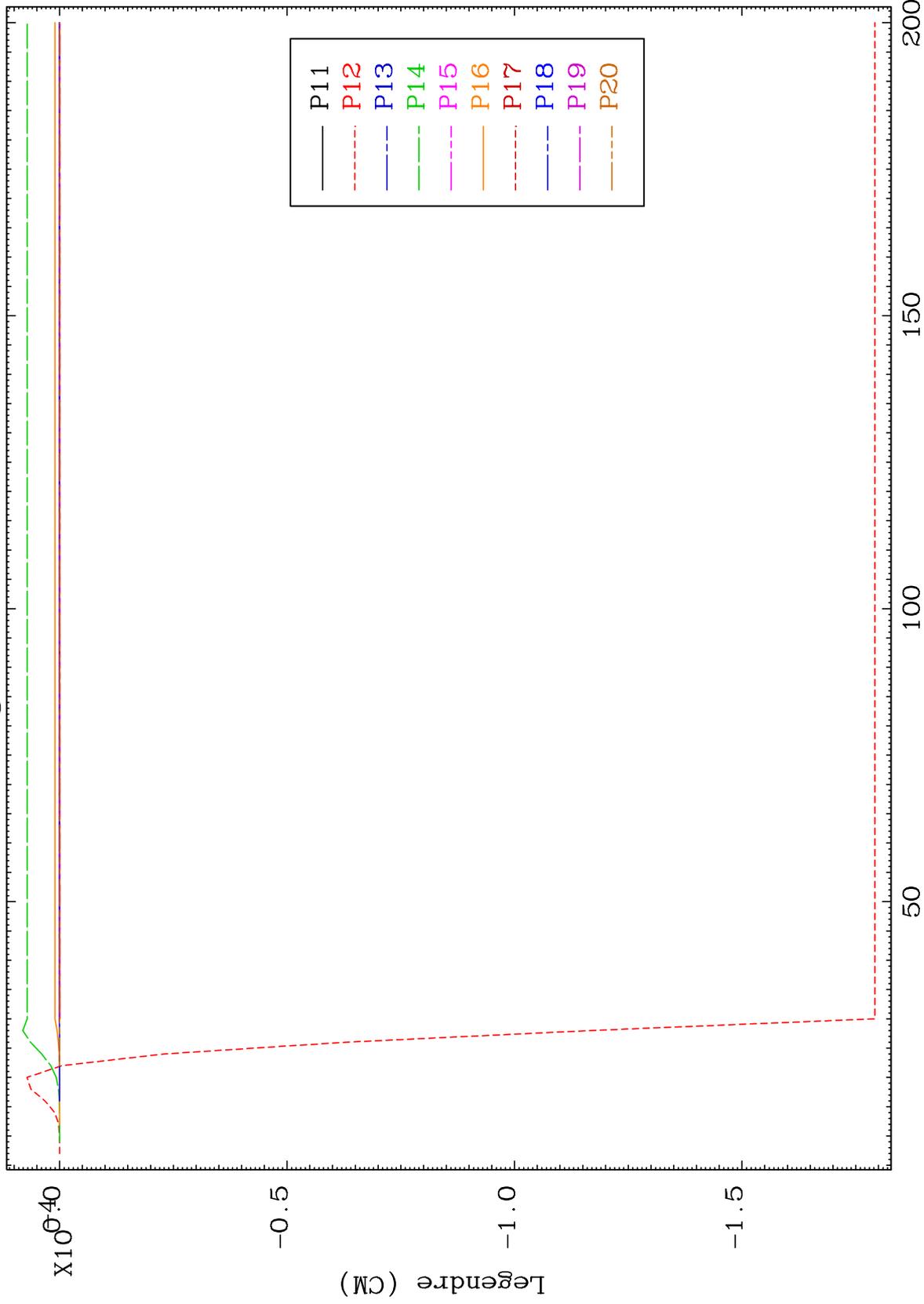
31-Ga-76



MAT 3146

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

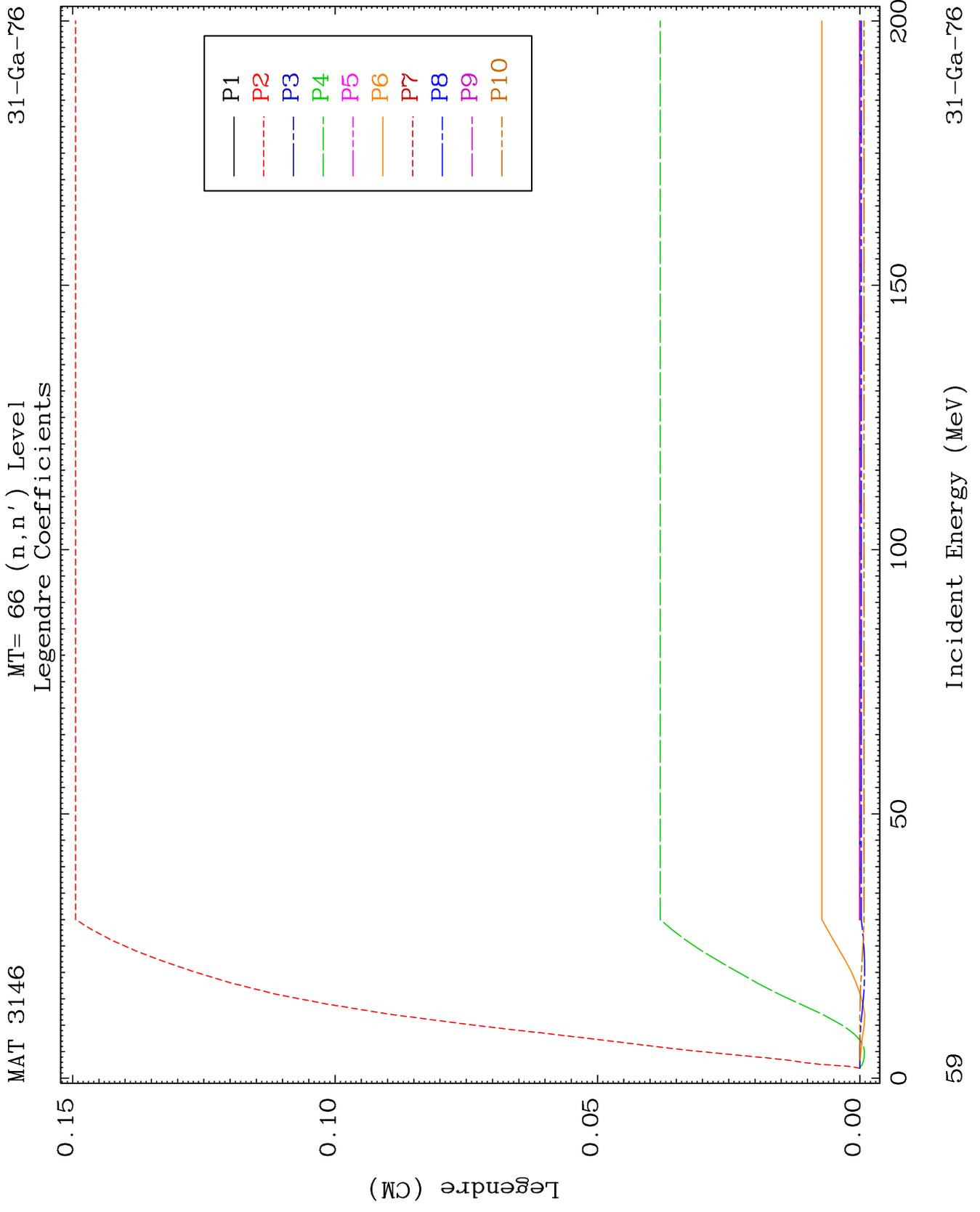
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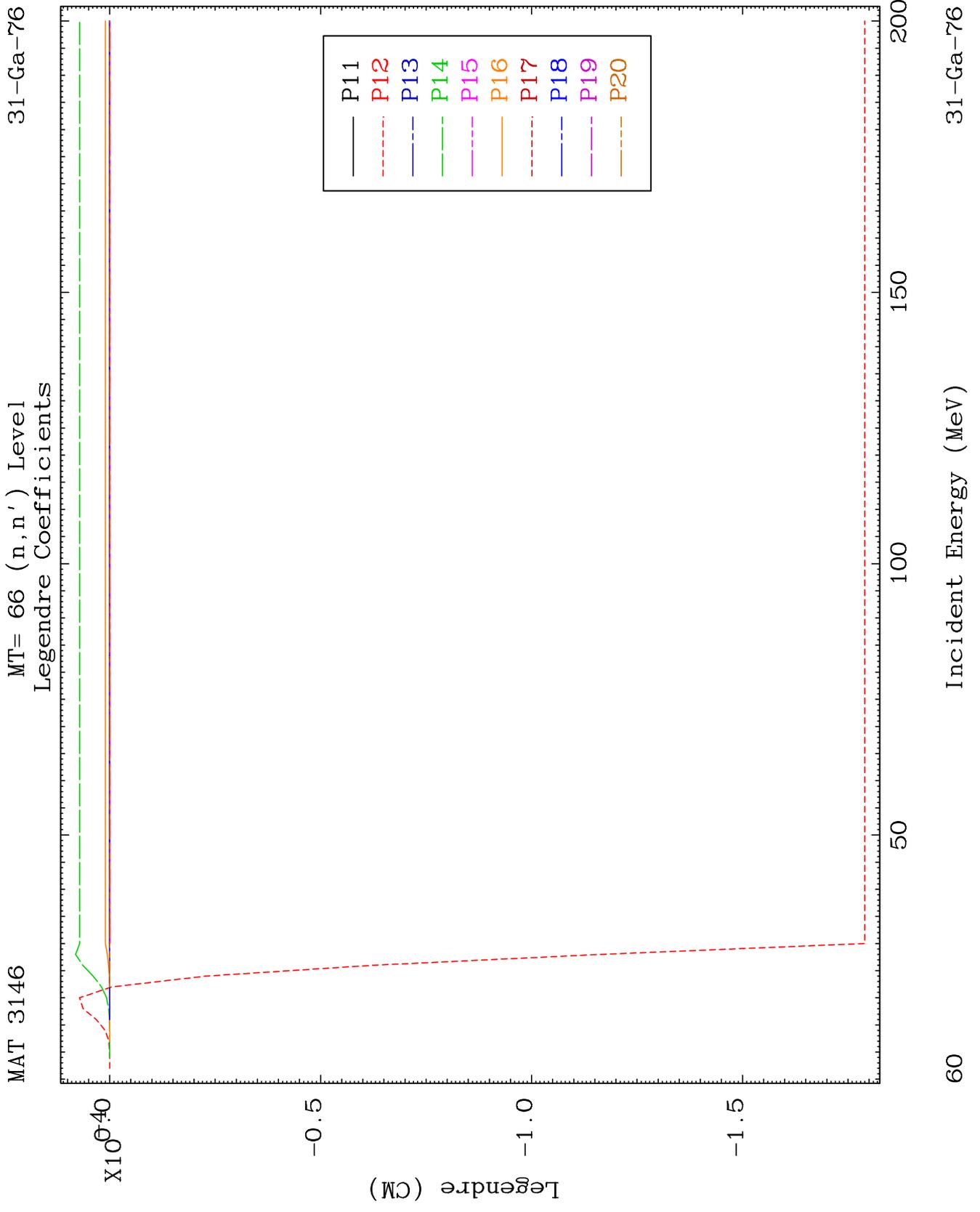


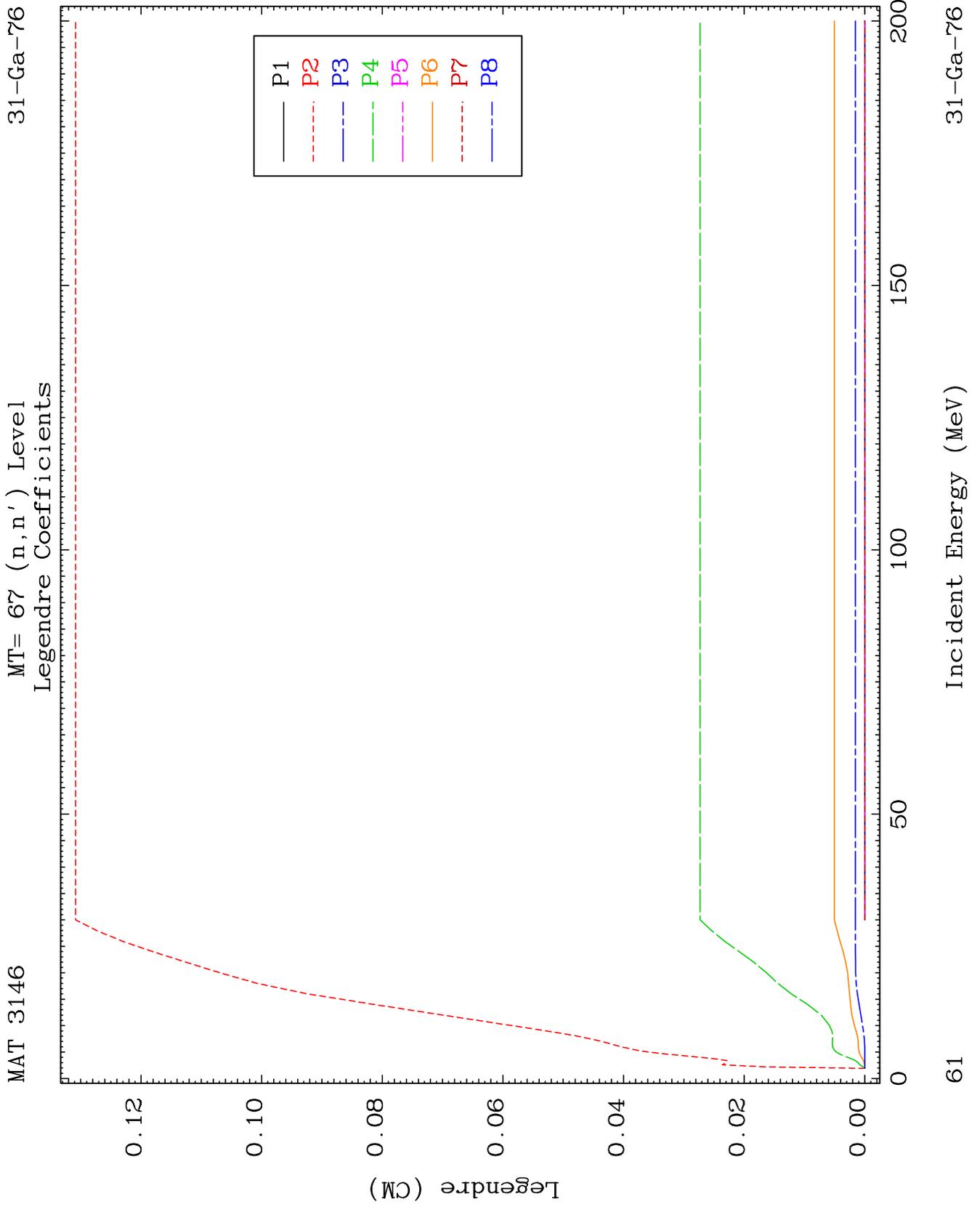
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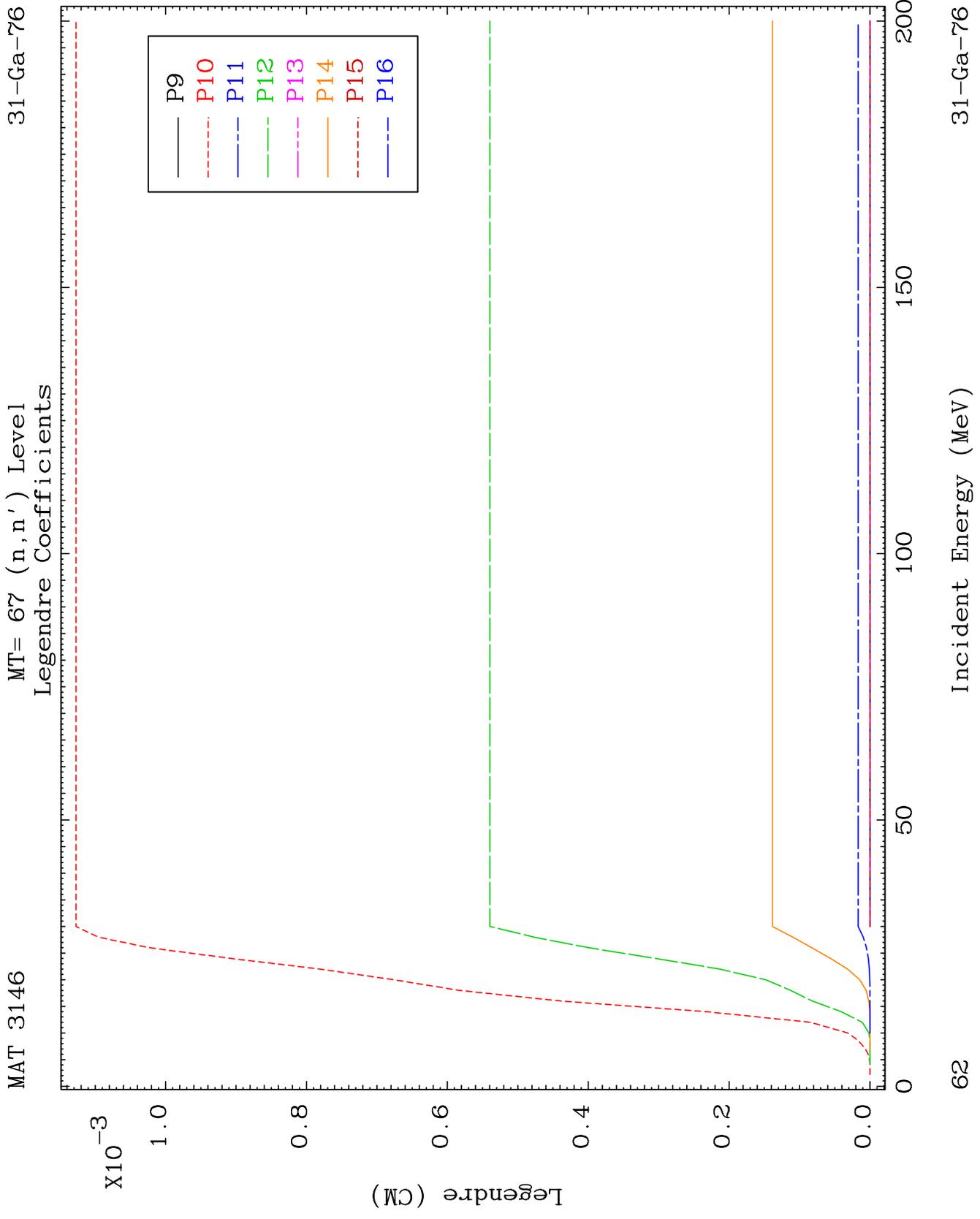
Incident Energy (MeV)

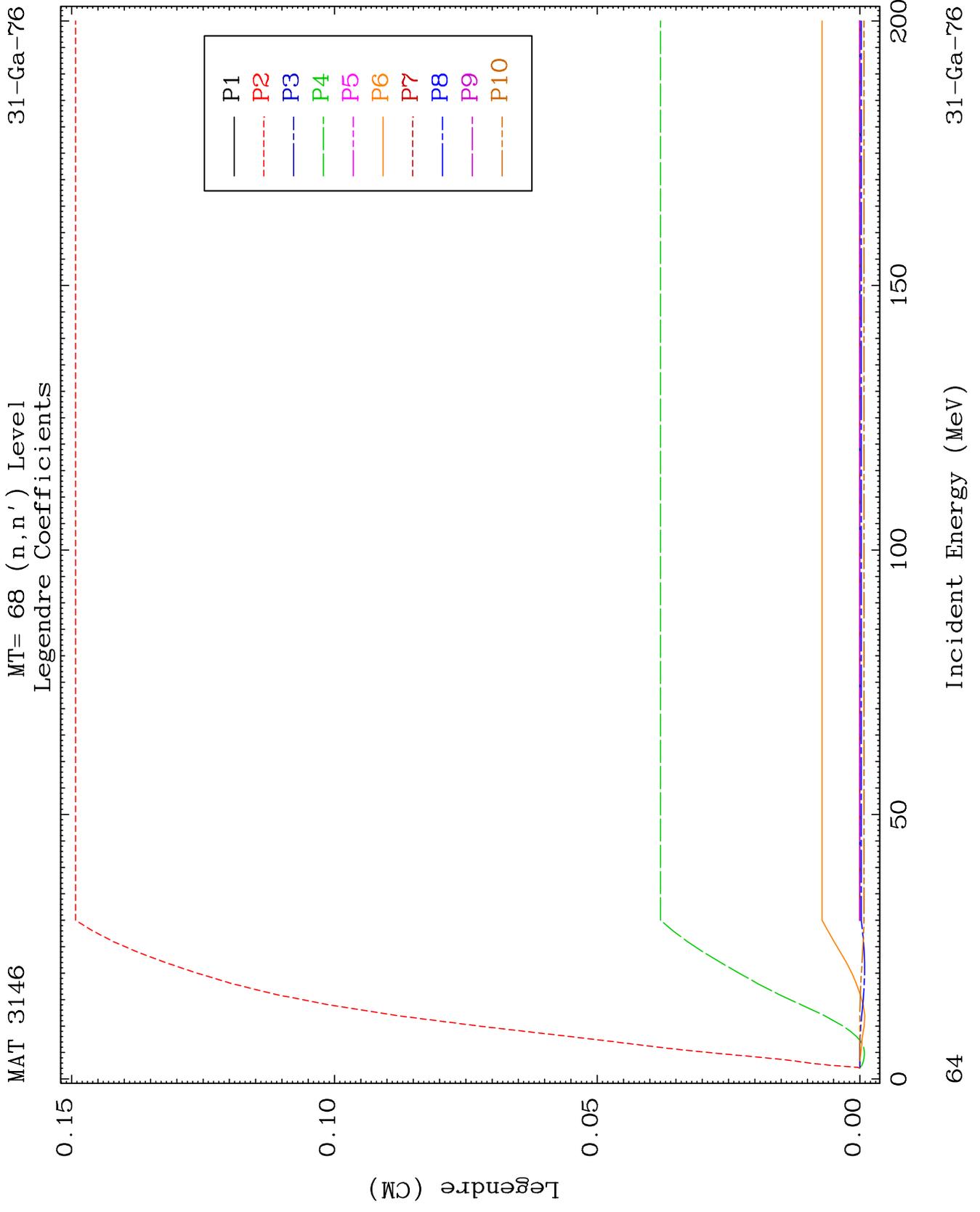
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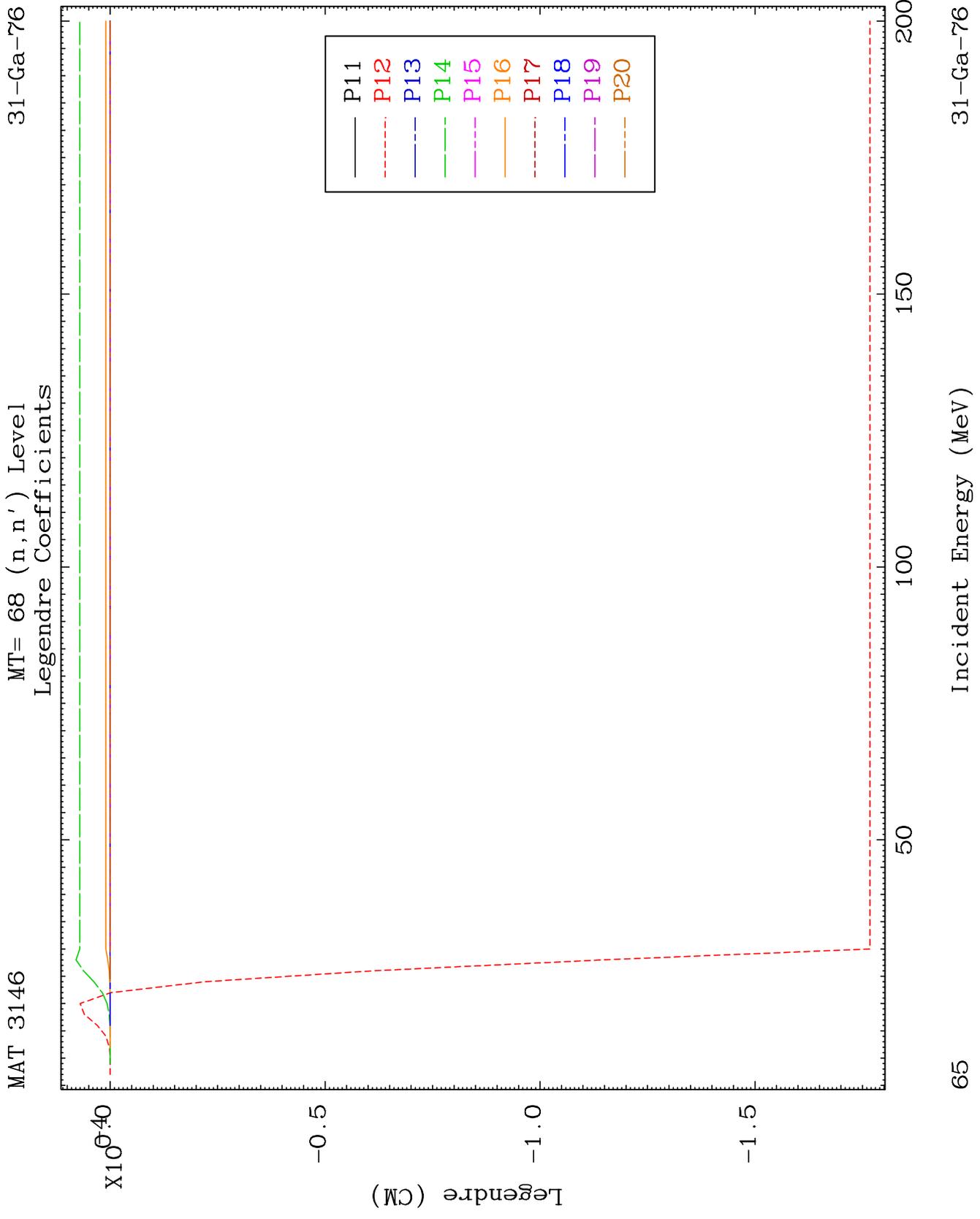


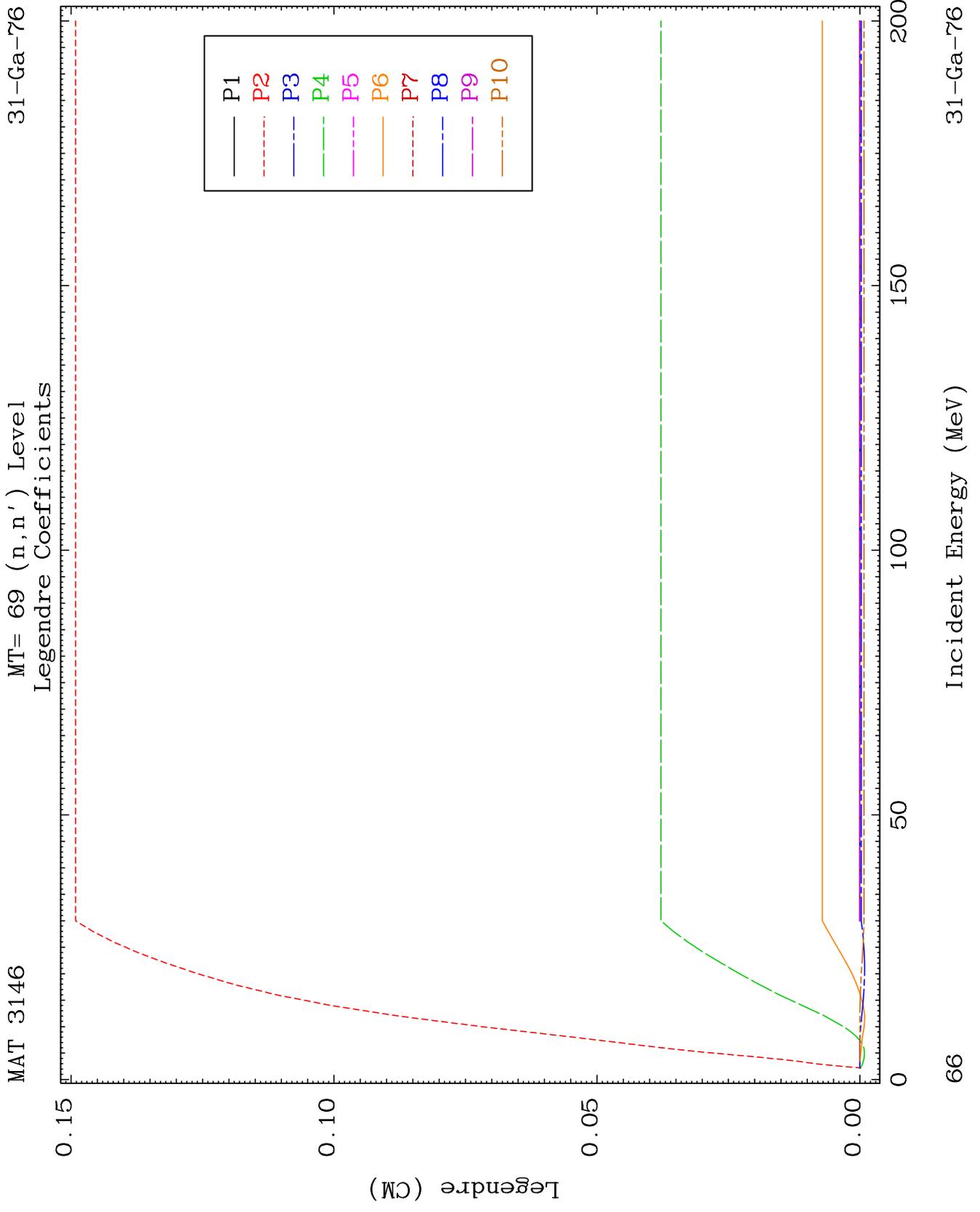








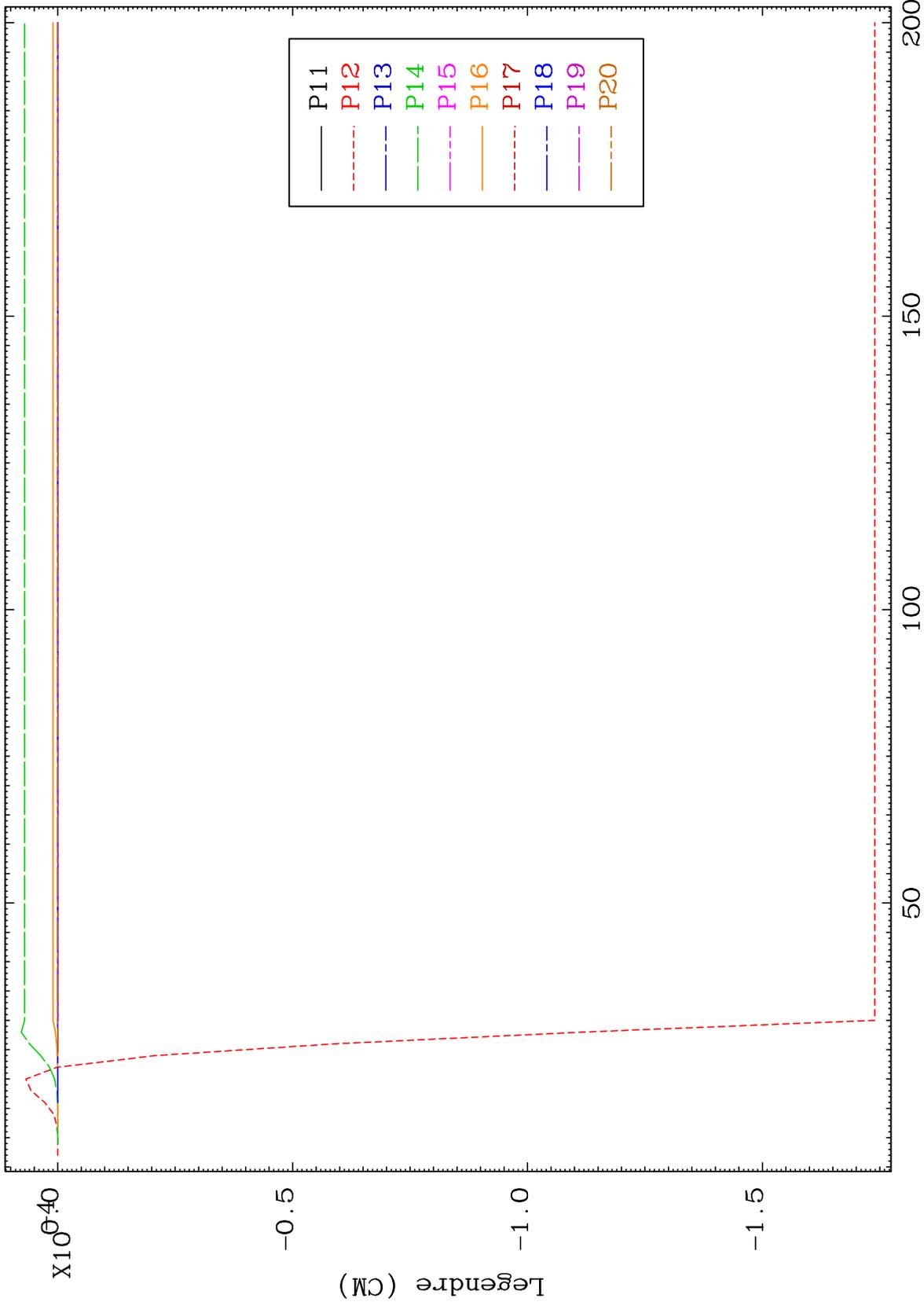


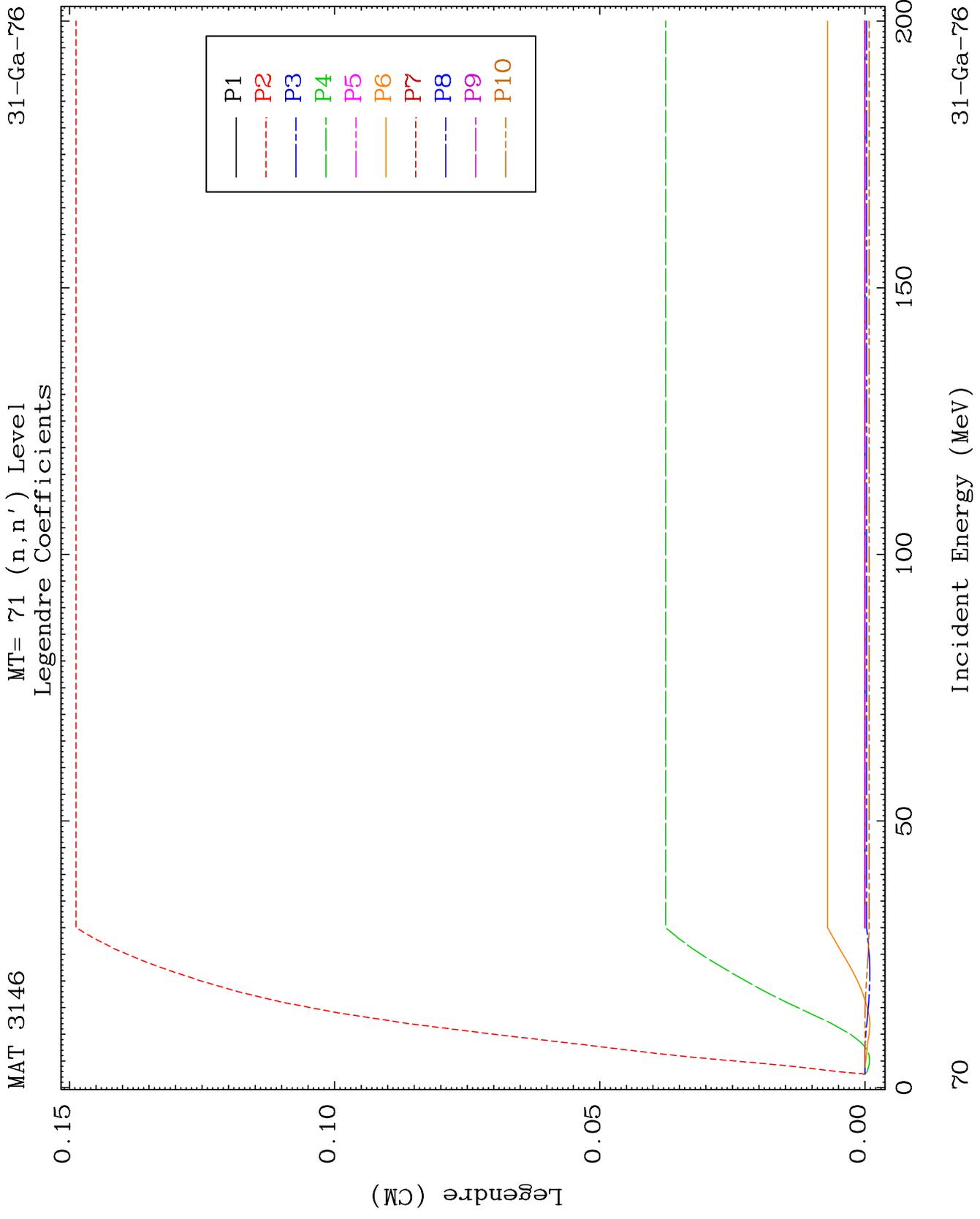


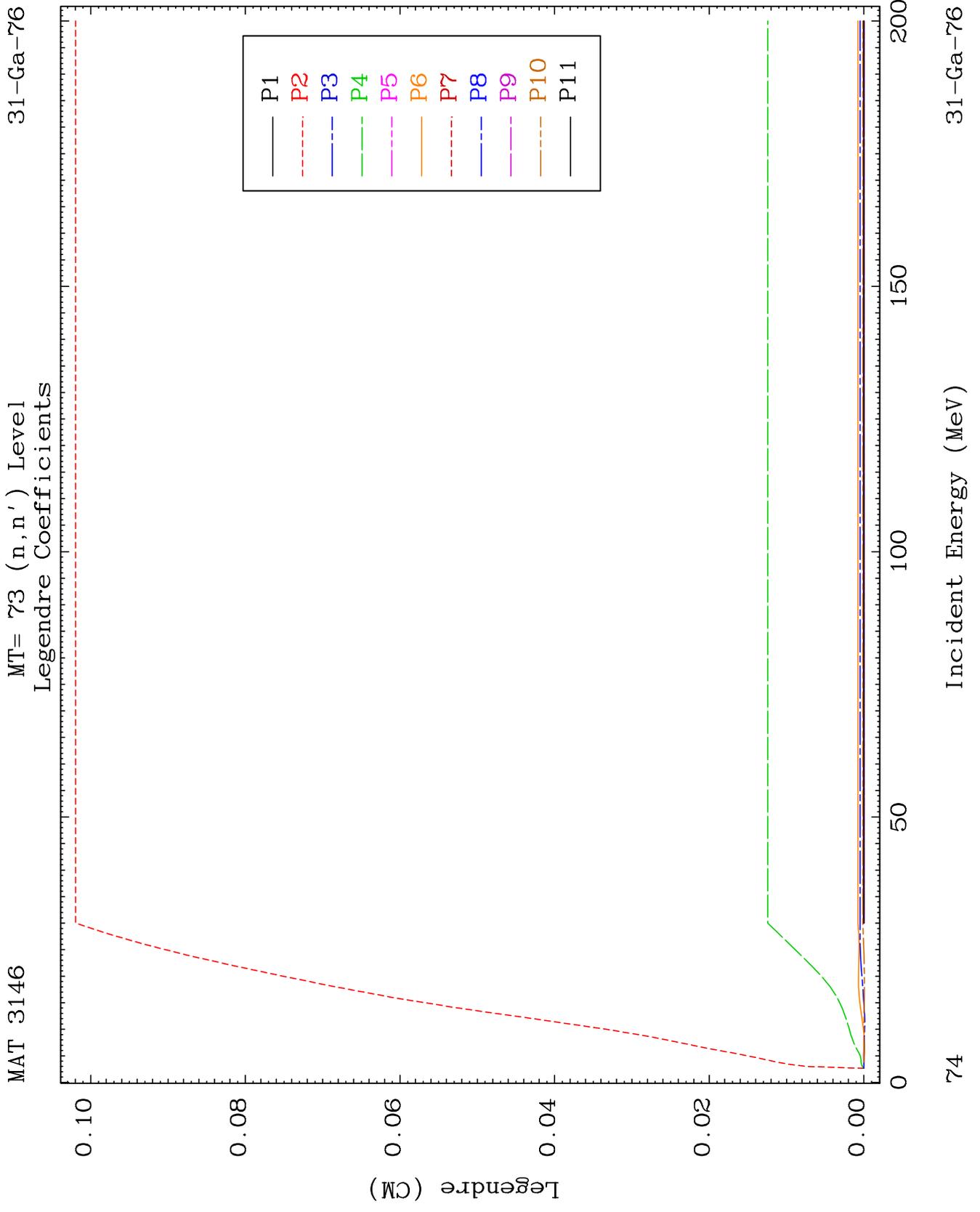
MAT 3146

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

31-Ga-76



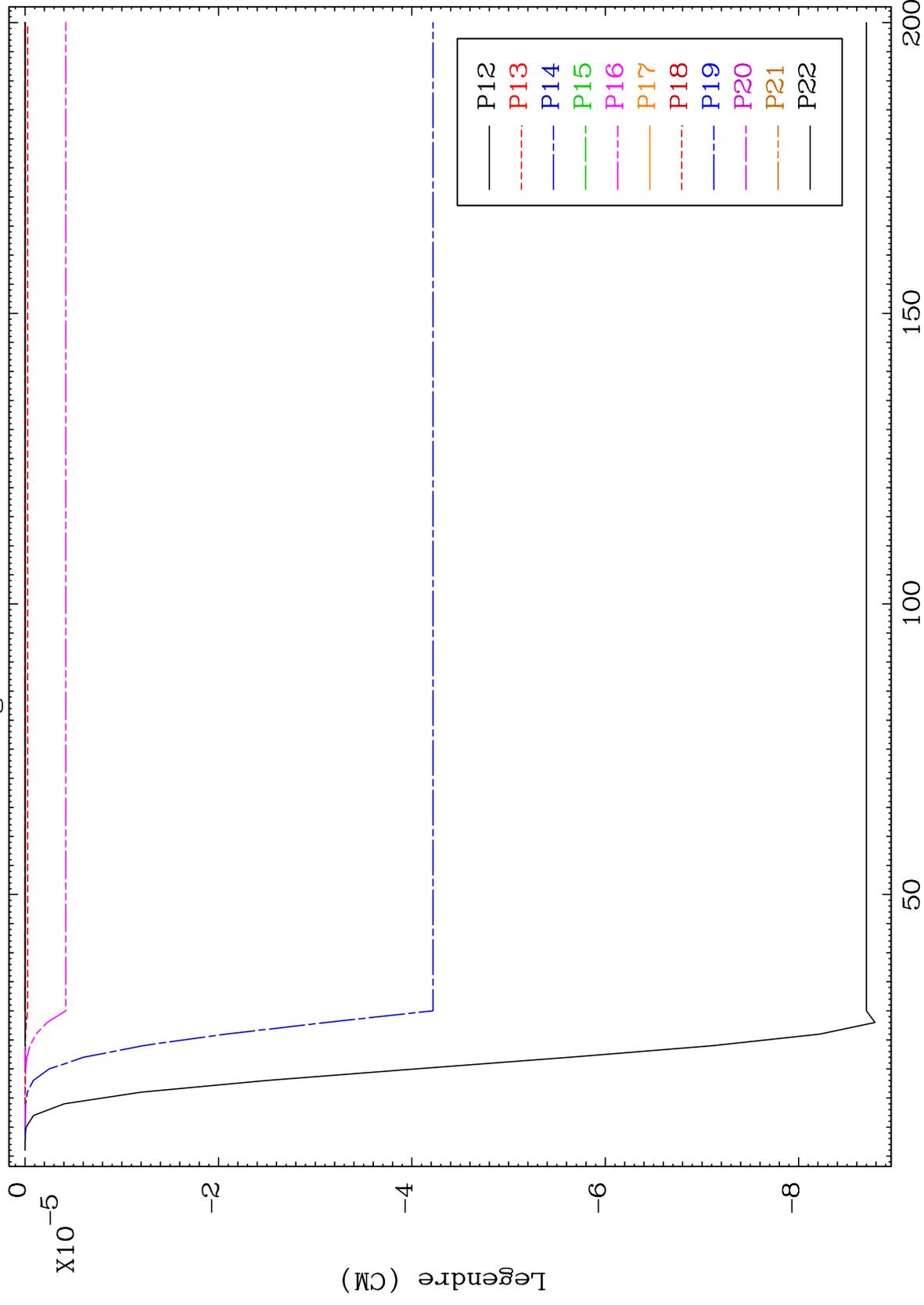




MAT 3146

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

31-Ga-76



31-Ga-76

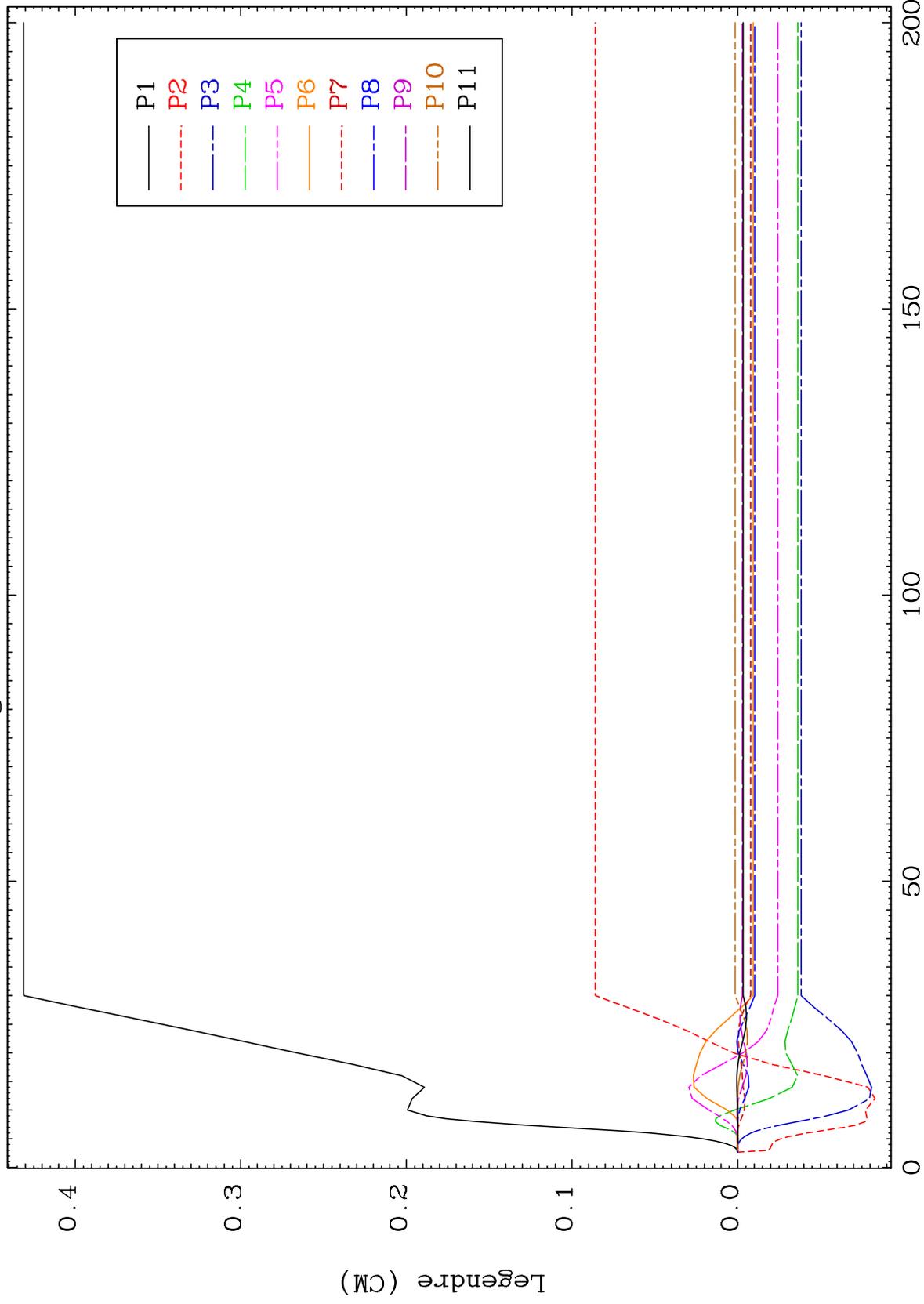
Incident Energy (MeV)

75

MAT 3146

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

31-Ga-76



76

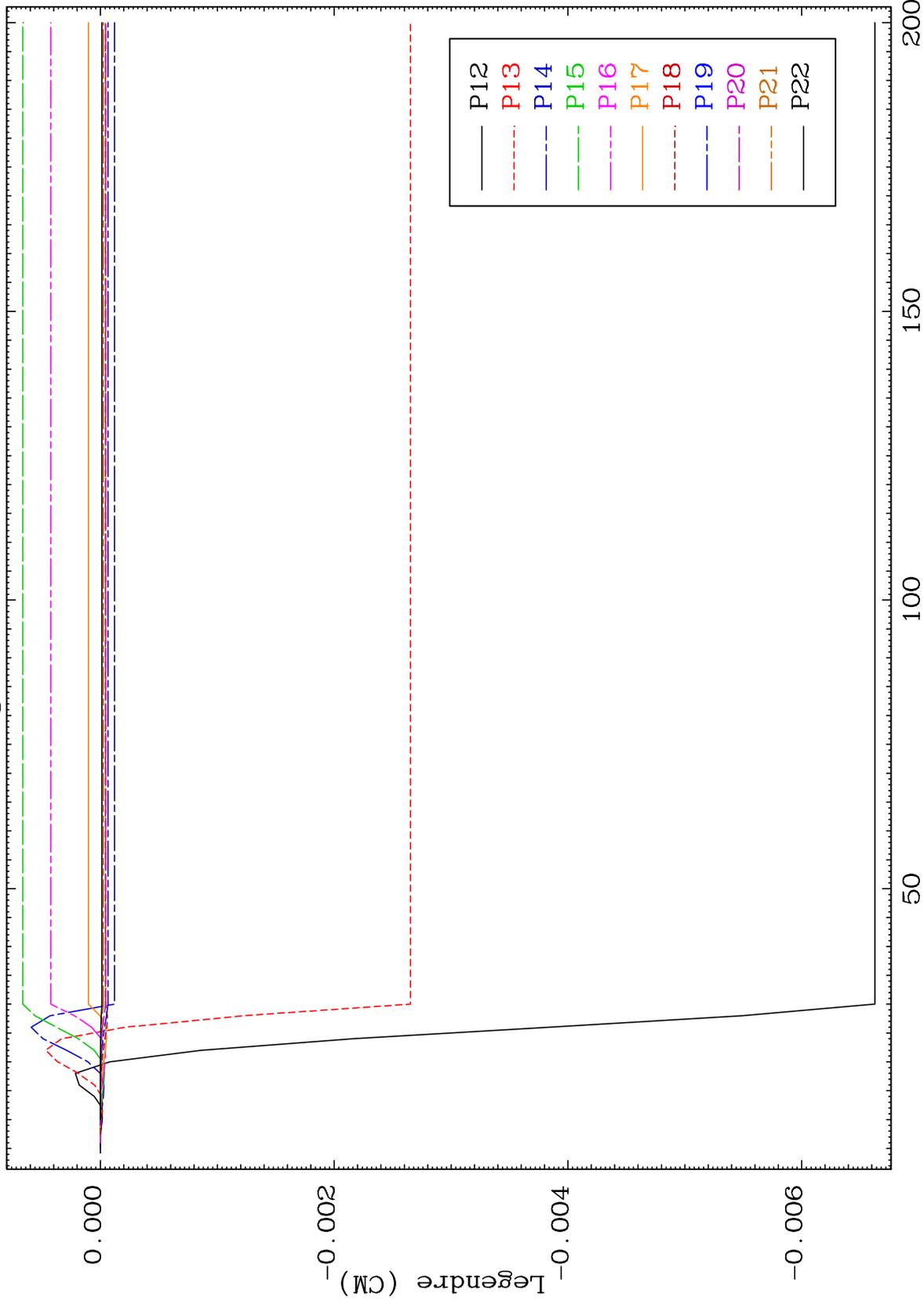
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



77

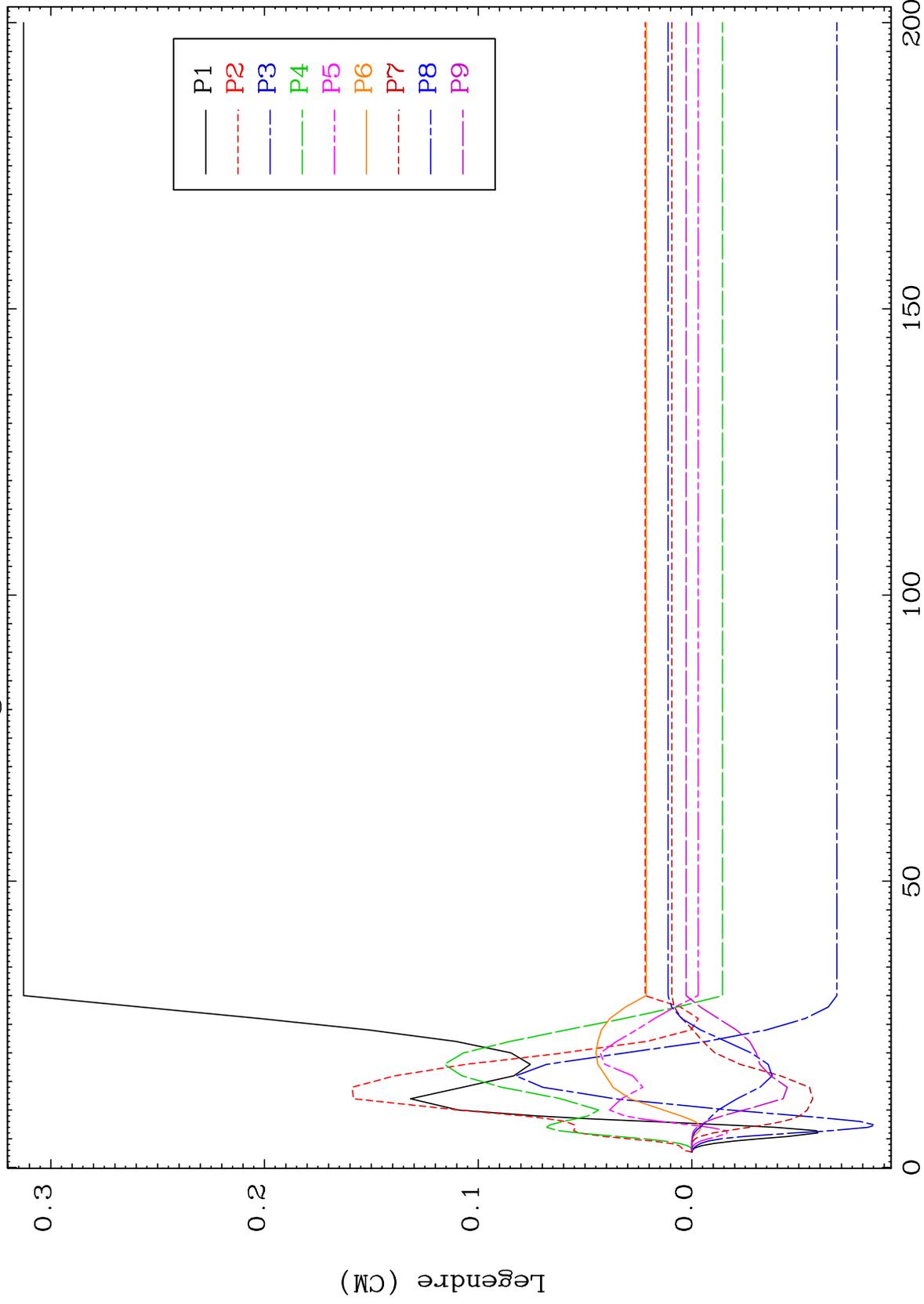
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



79

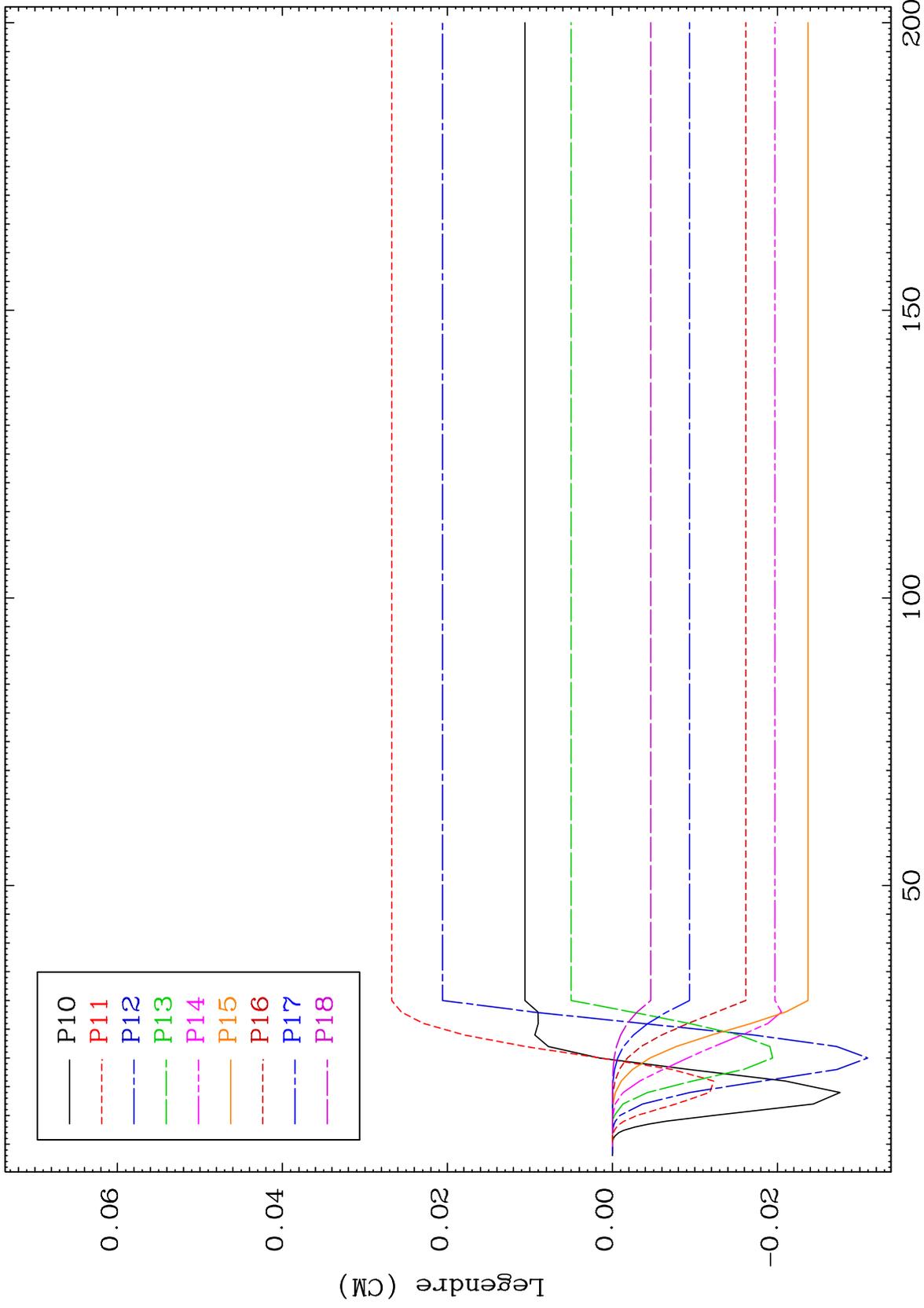
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

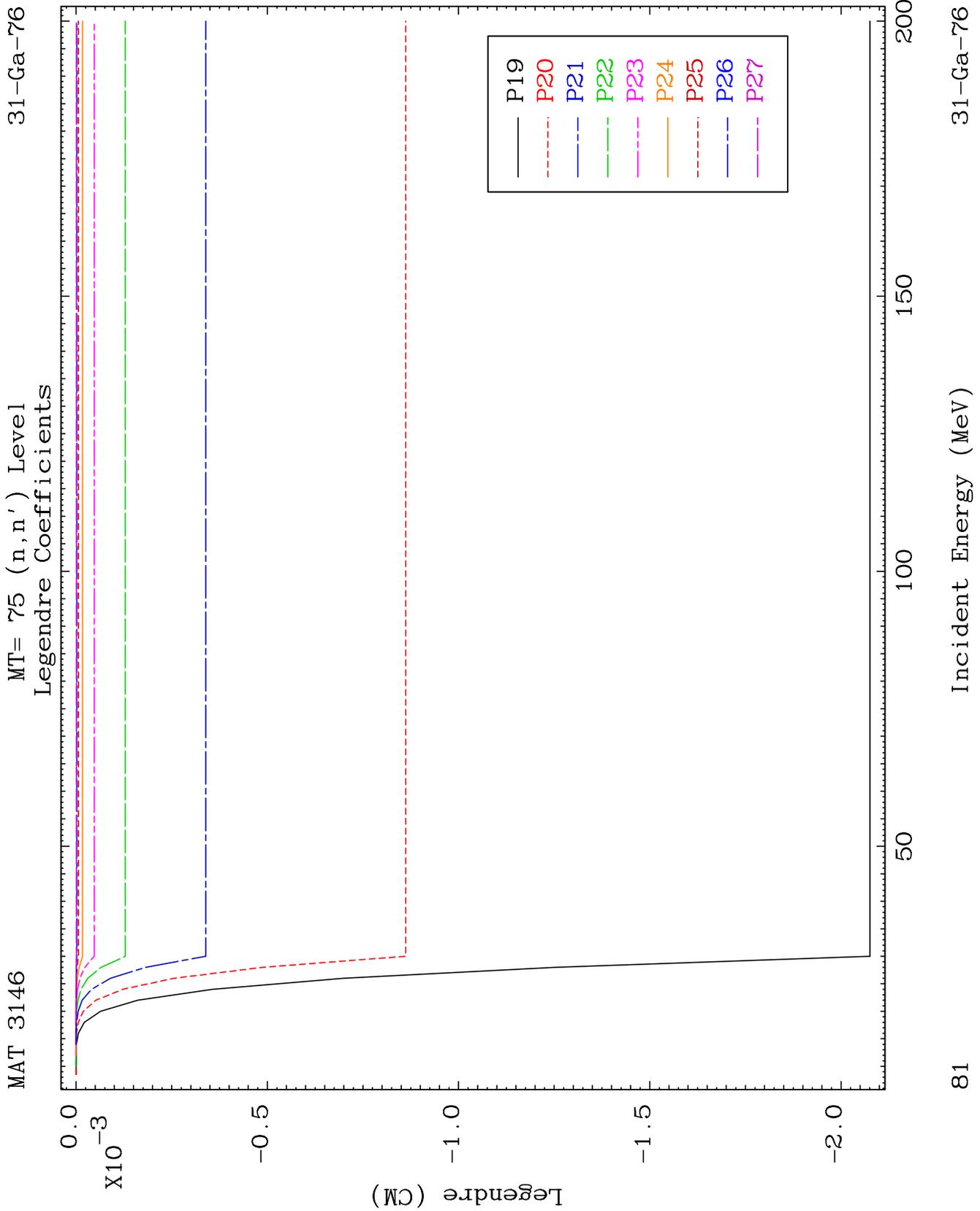
31-Ga-76

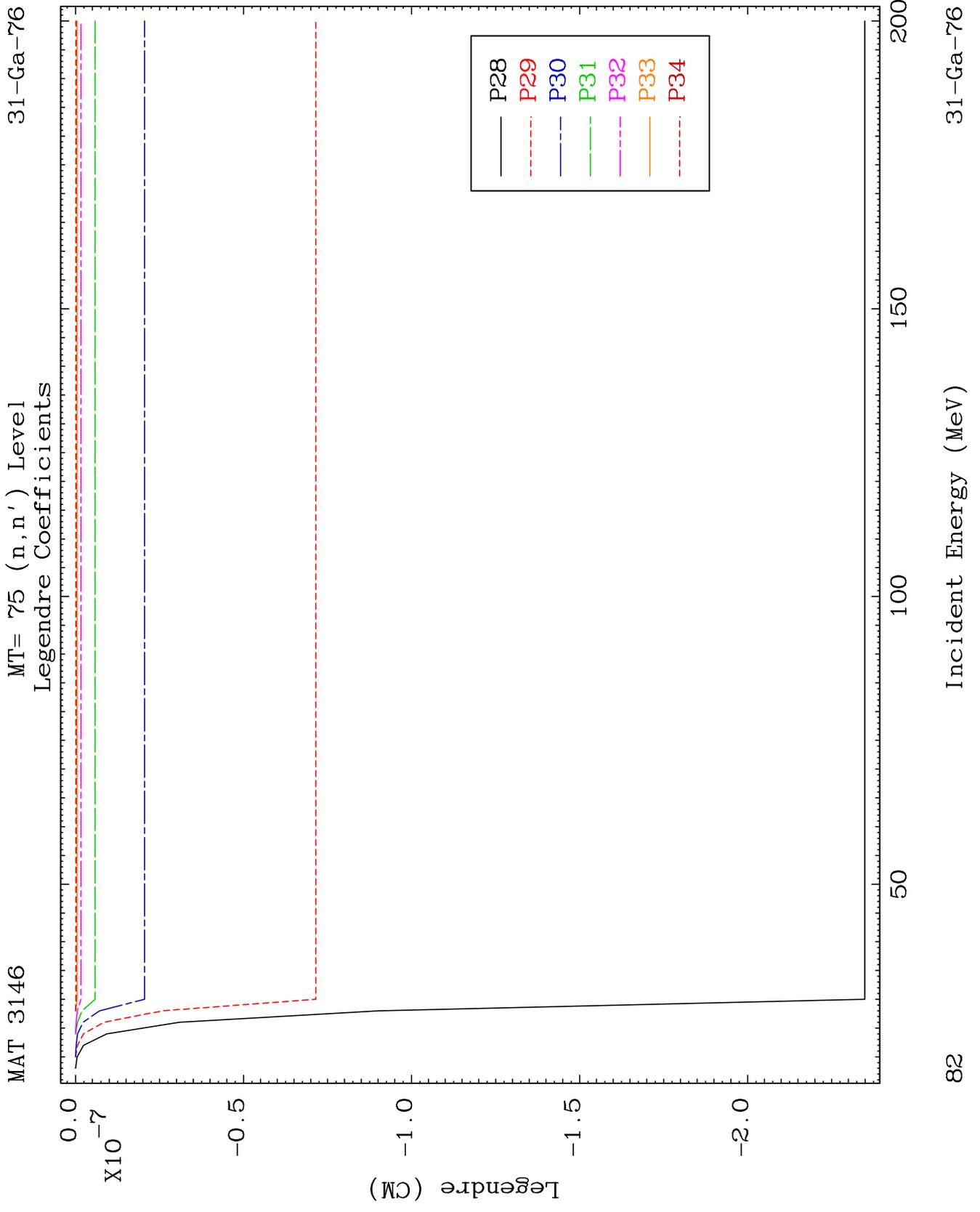


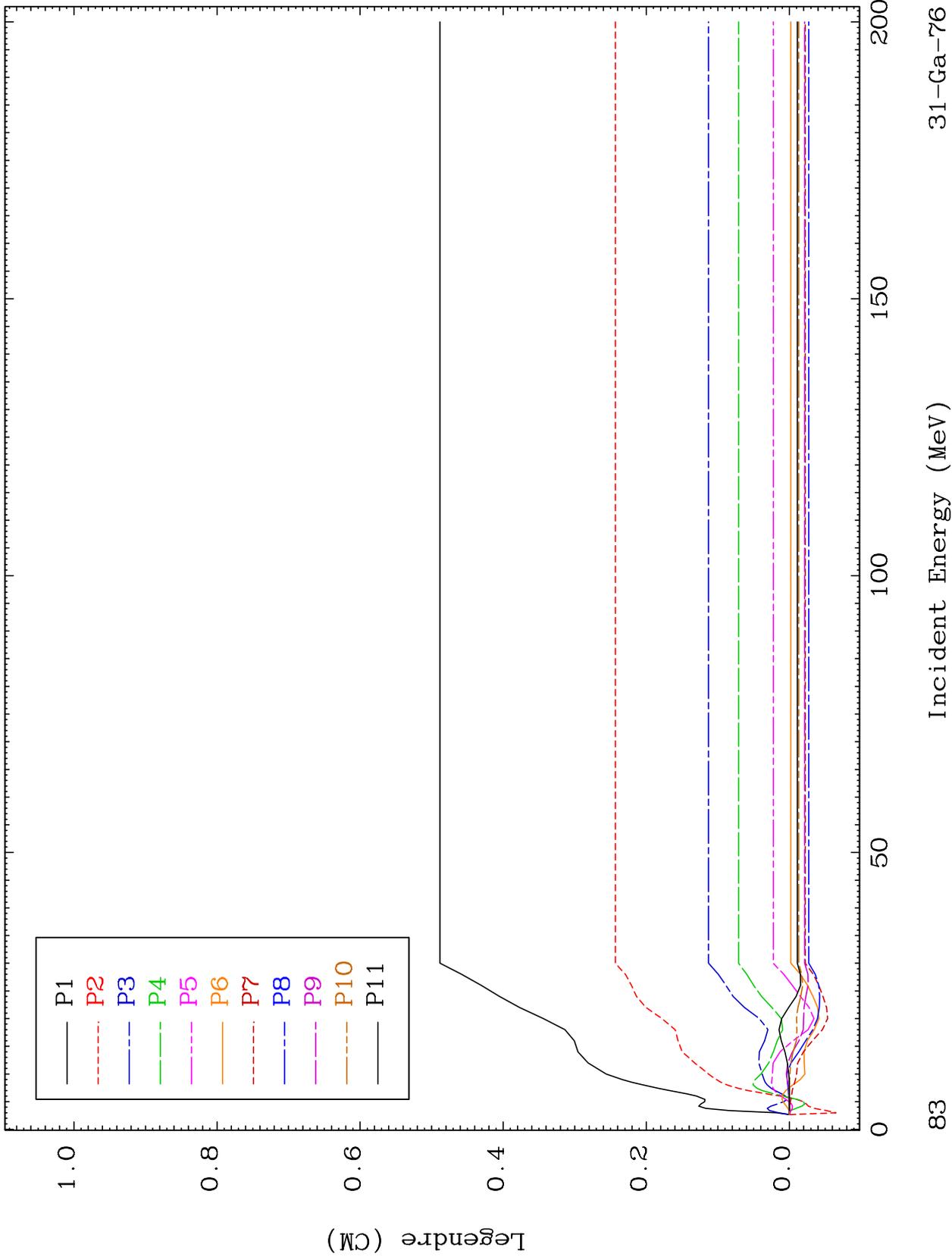
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Incident Energy (MeV)

31-Ga-76



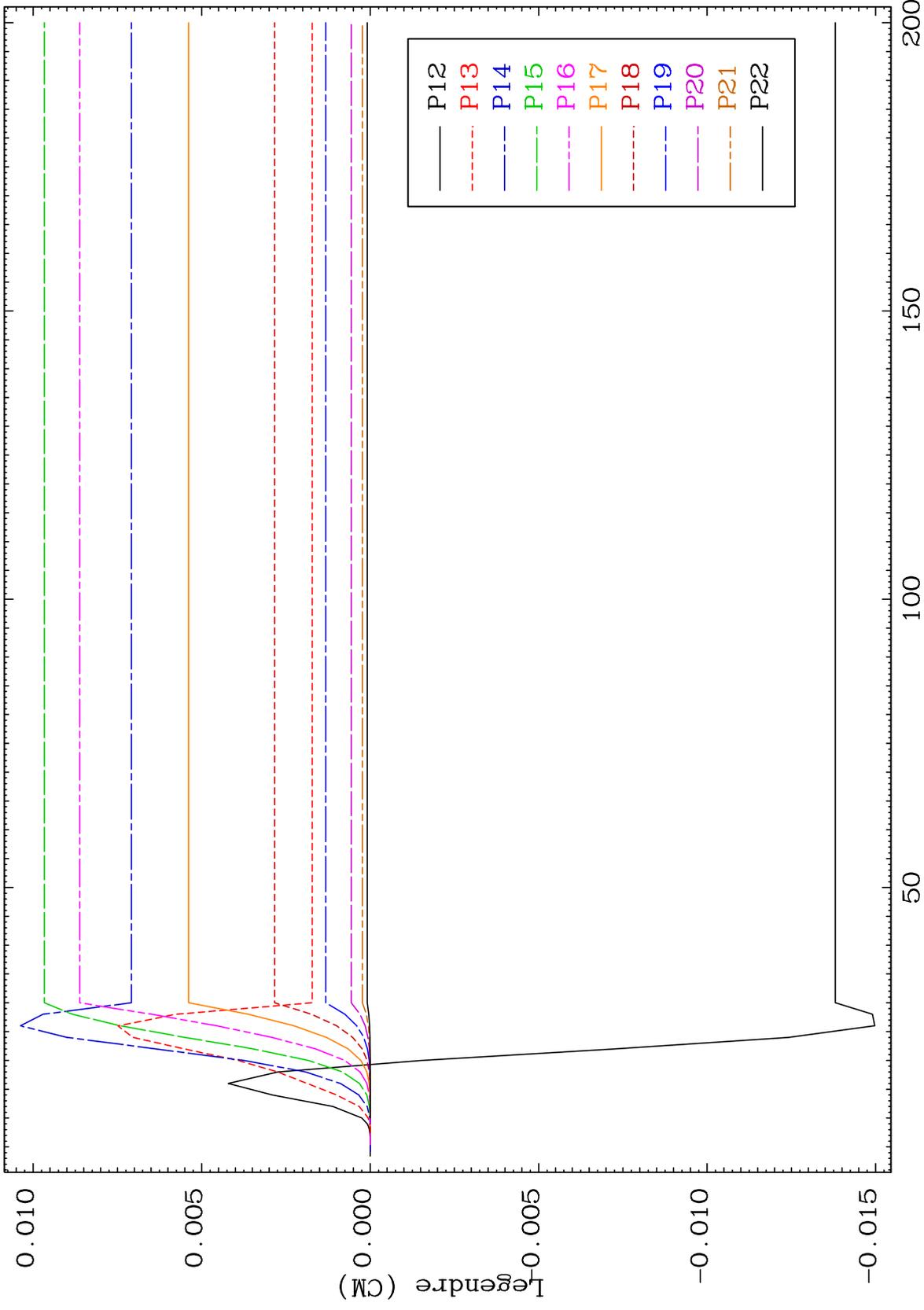




MAT 3146

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

31-Ga-76



84

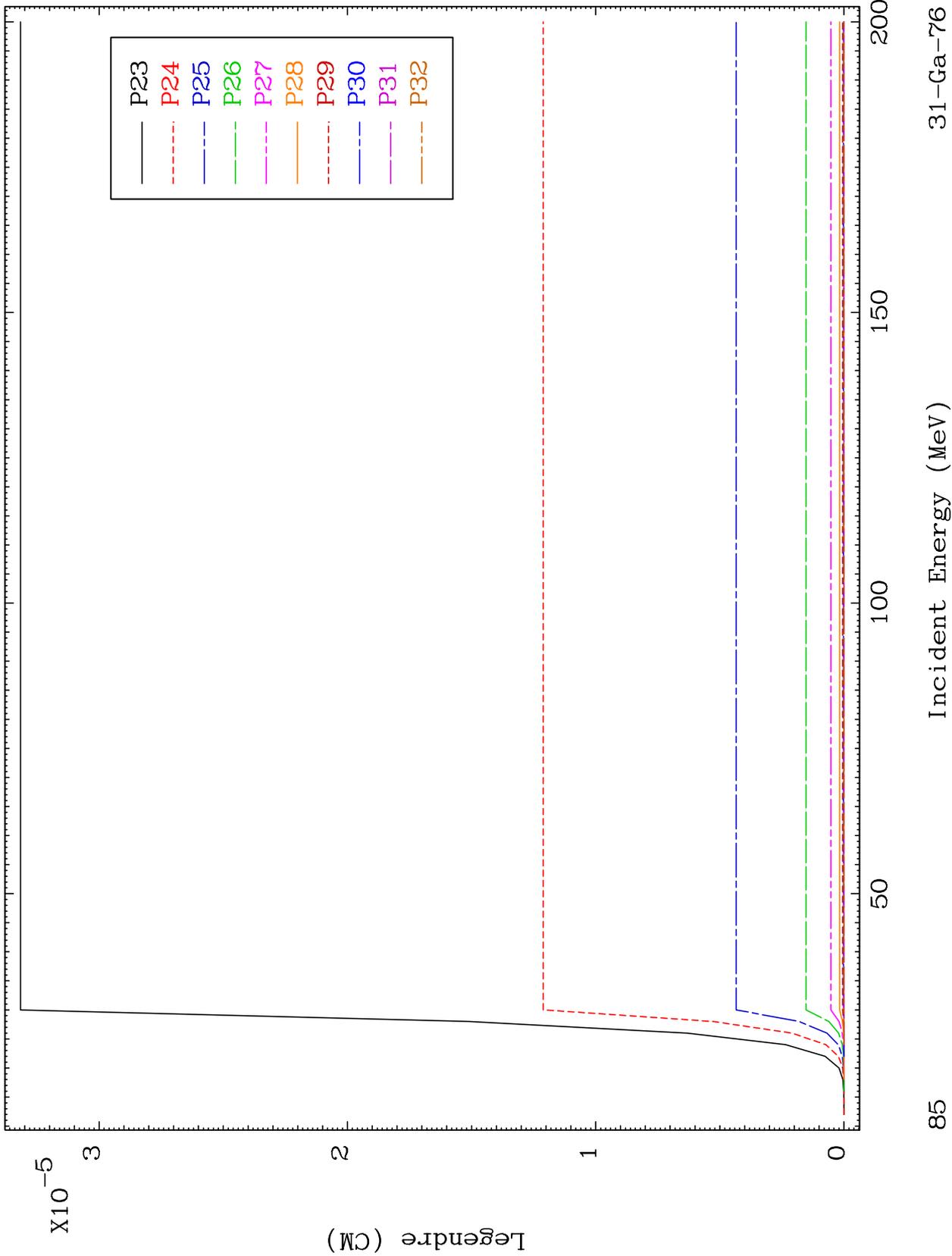
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



85

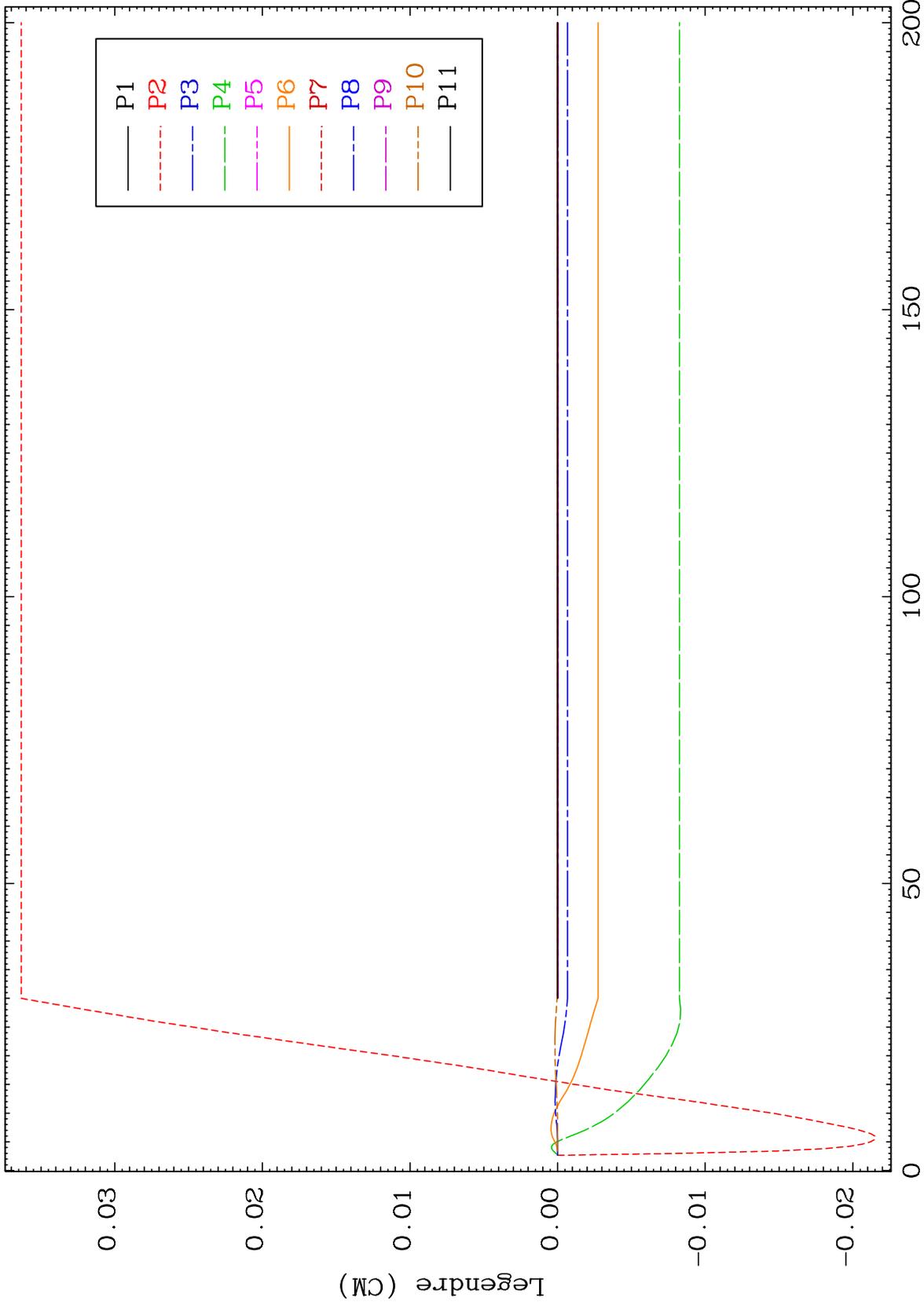
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



86

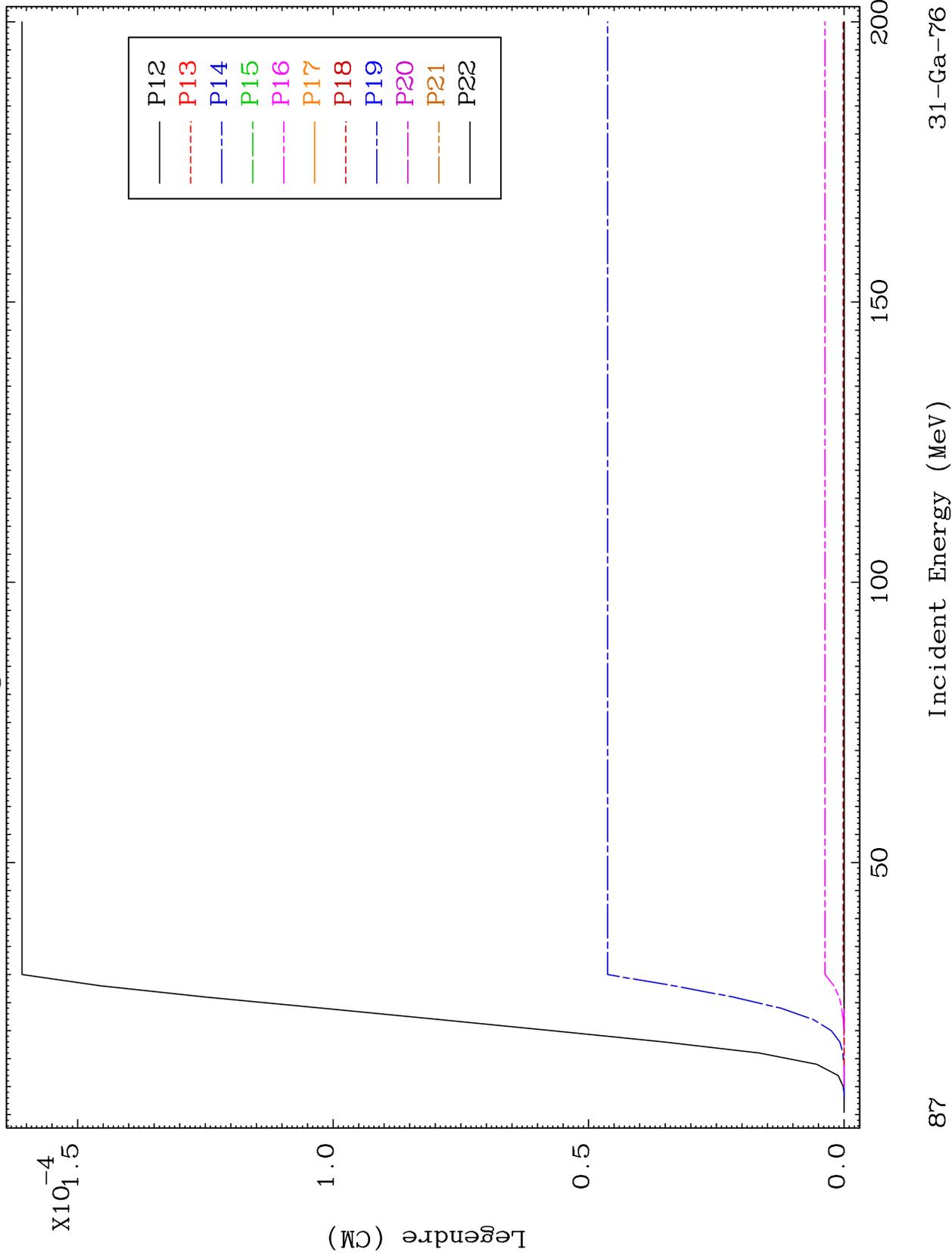
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

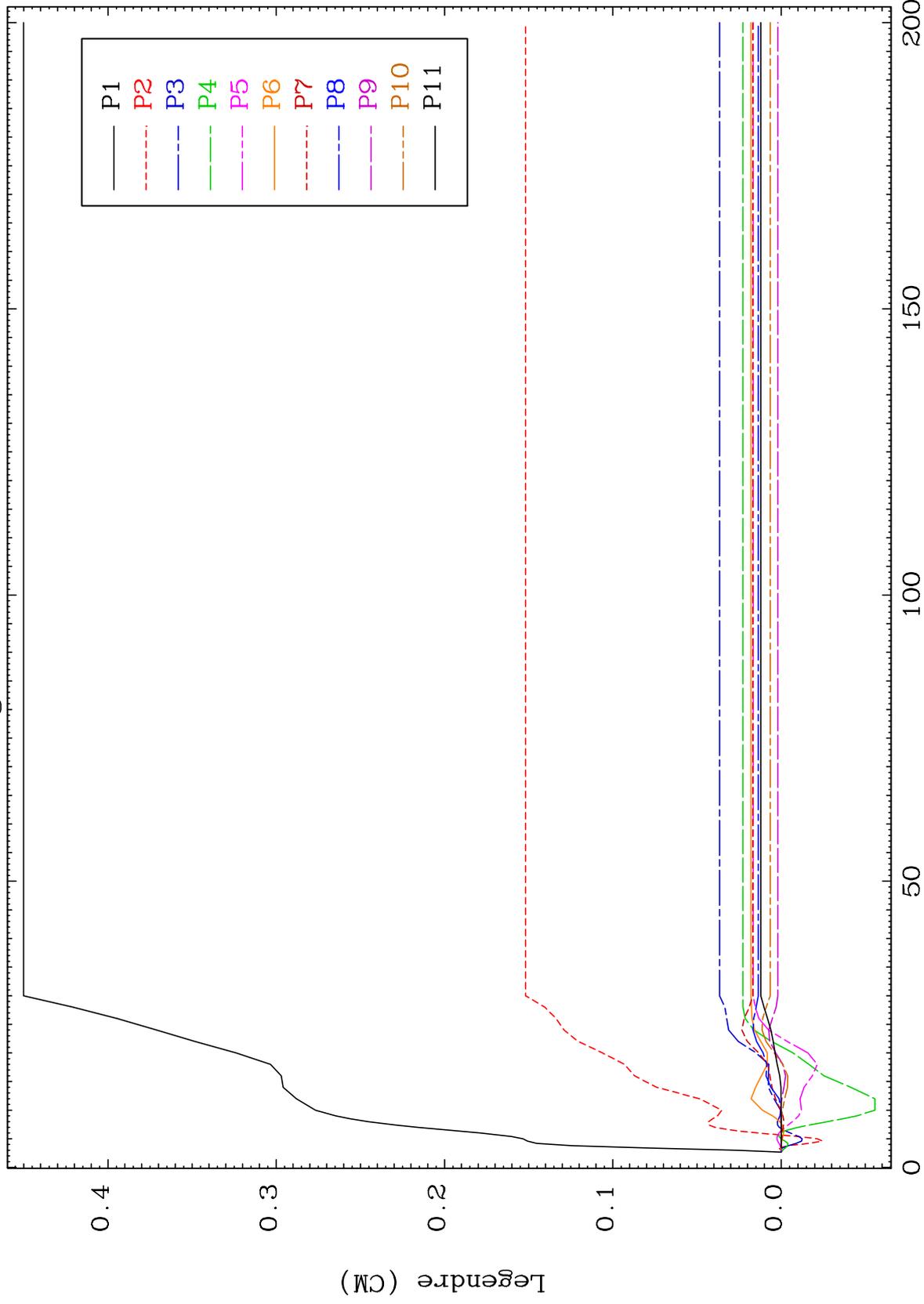
31-Ga-76



MAT 3146

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

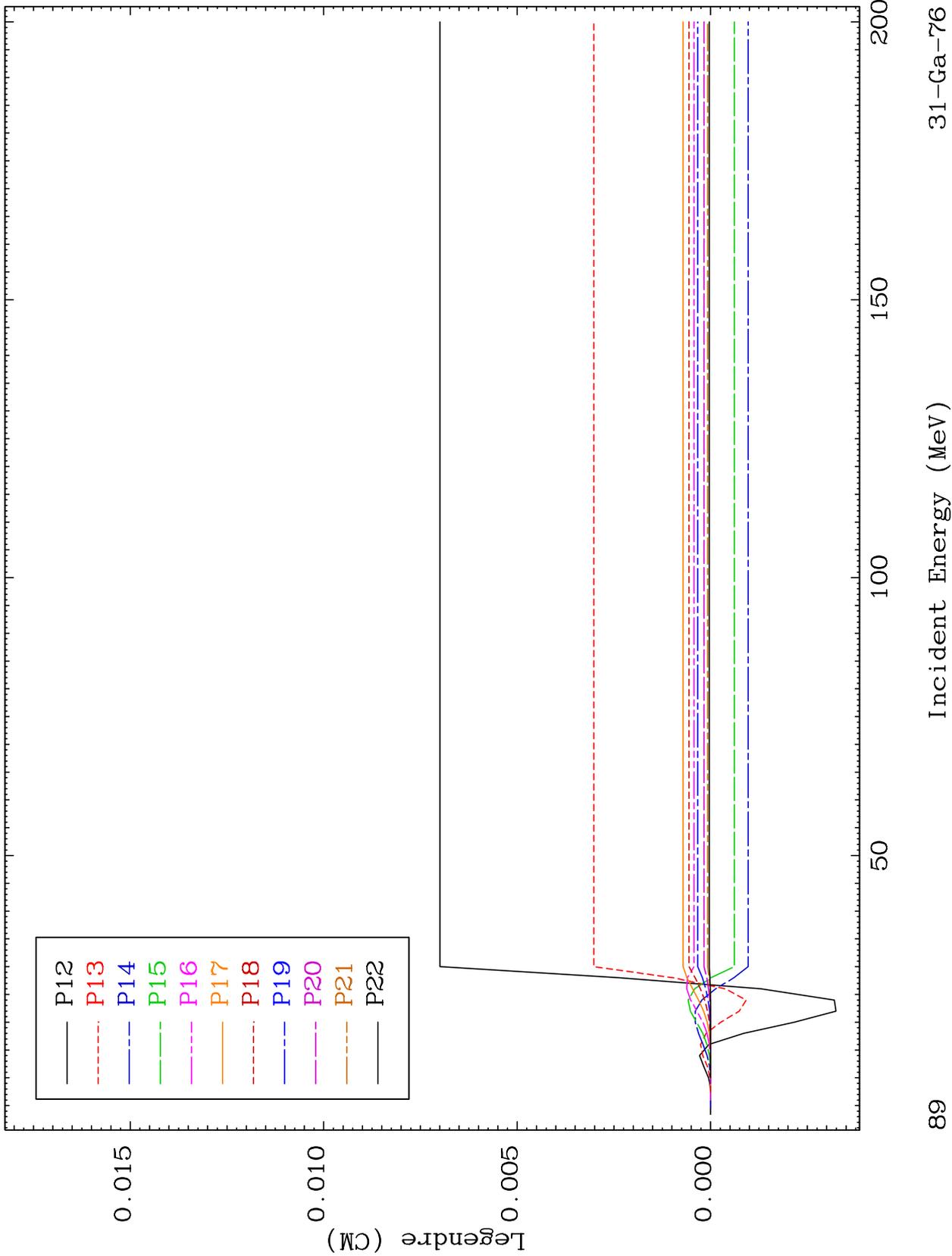
31-Ga-76



88

Incident Energy (MeV)

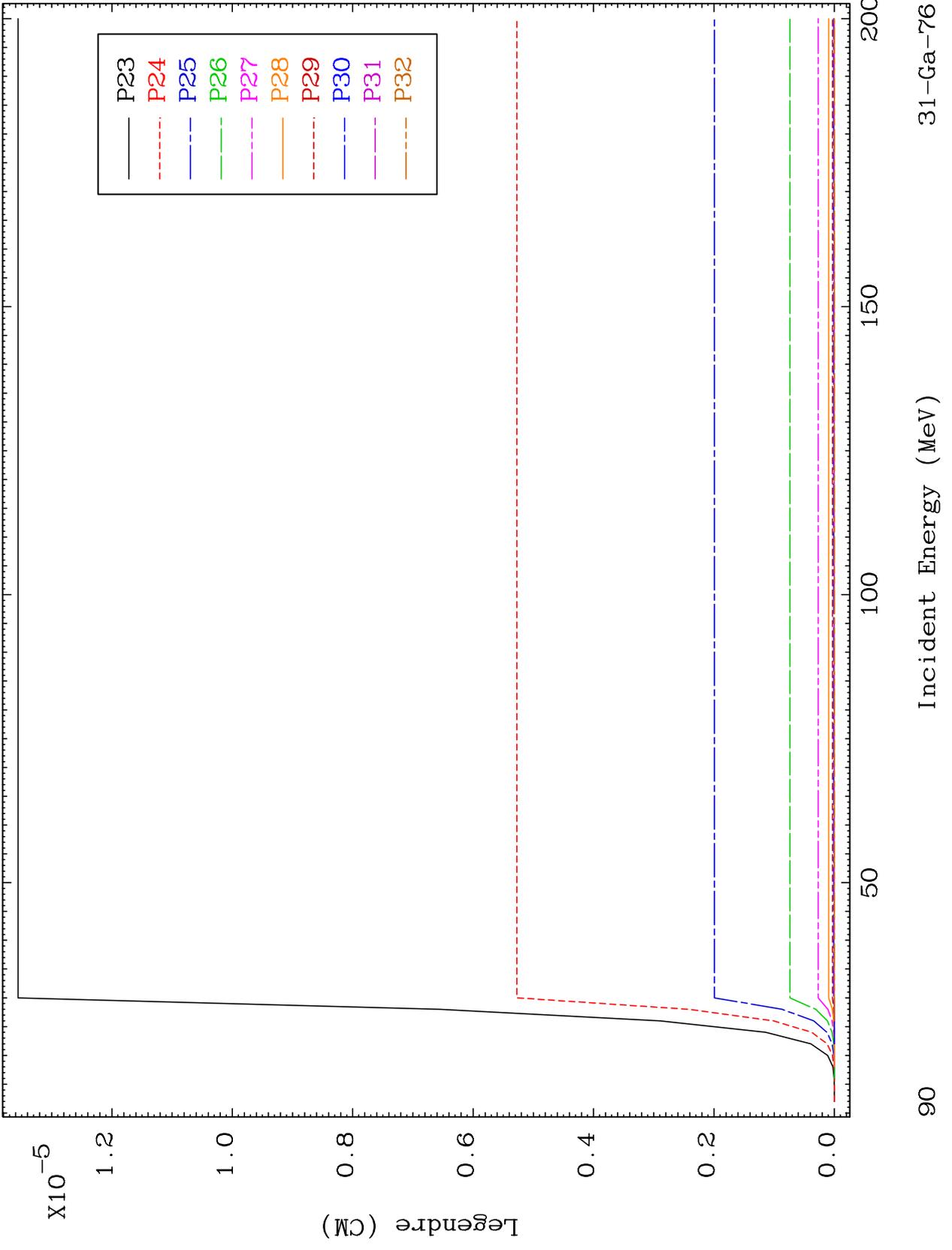
31-Ga-76



MAT 3146

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

31-Ga-76

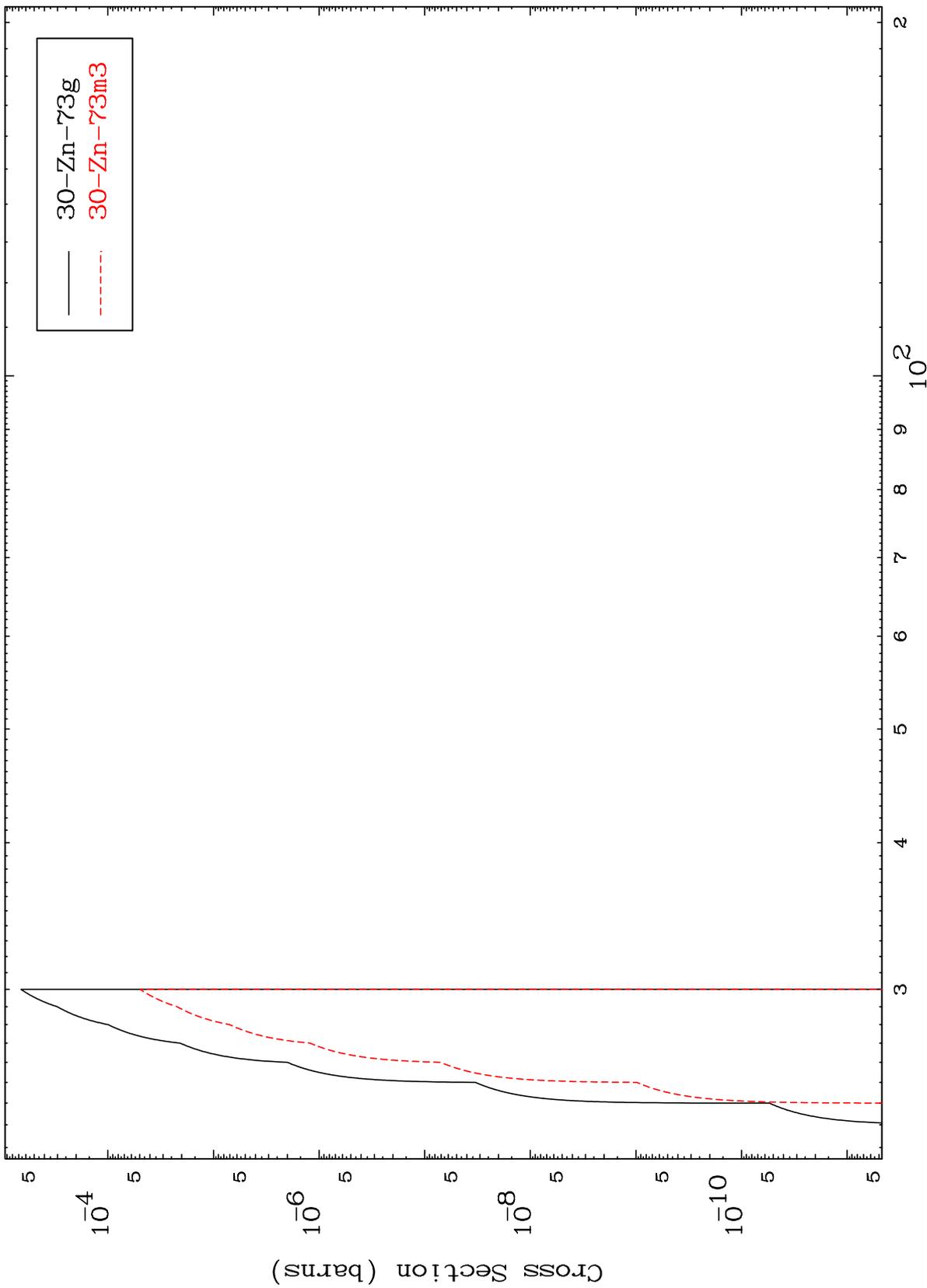


MAT 3146

(n,2n) d

31-Ga-76

Radionuclide Production Cross Section



91

Incident Energy (MeV)

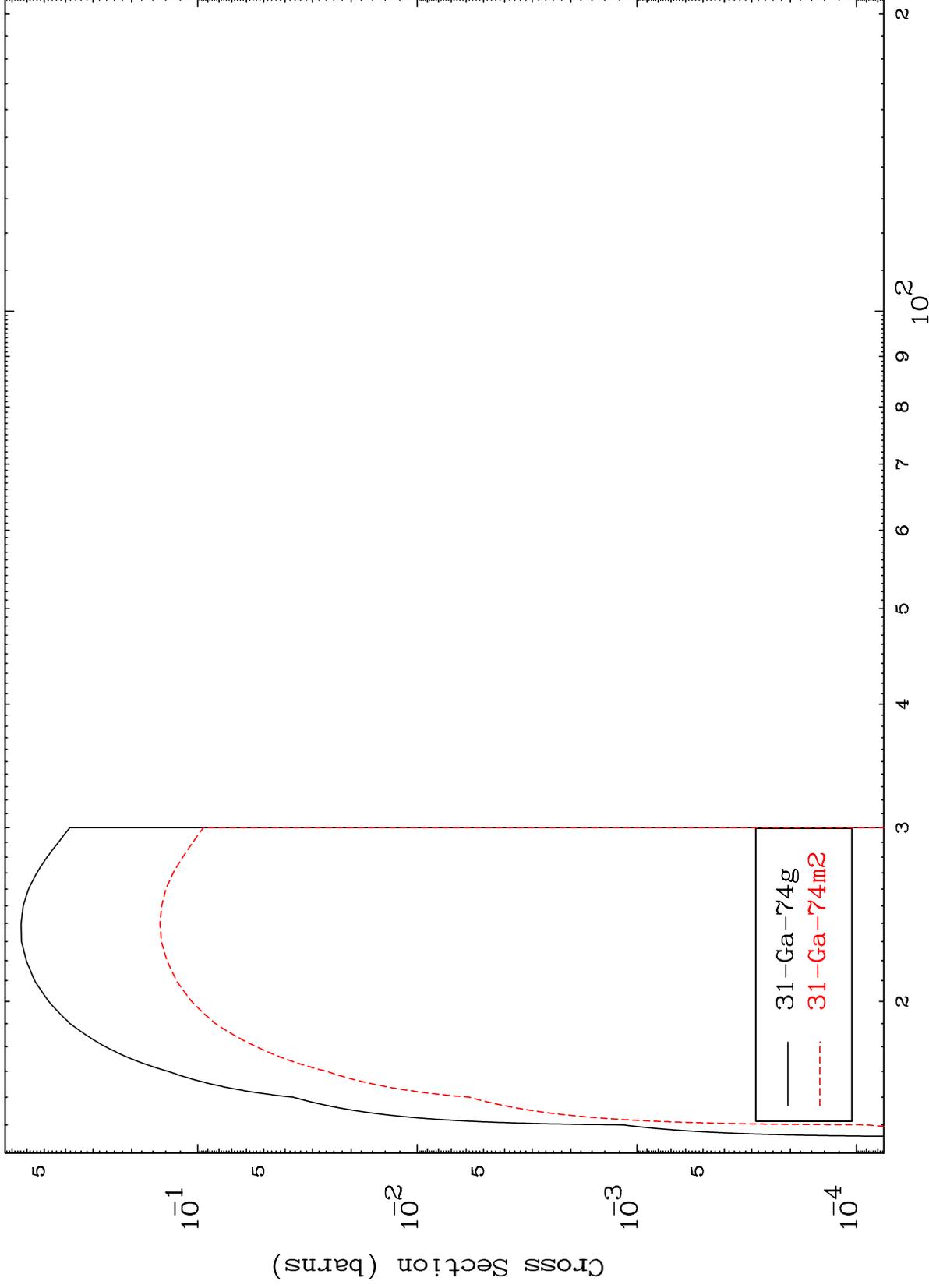
31-Ga-76

MAT 3146

(n,3n)

31-Ga-76

Radionuclide Production Cross Section

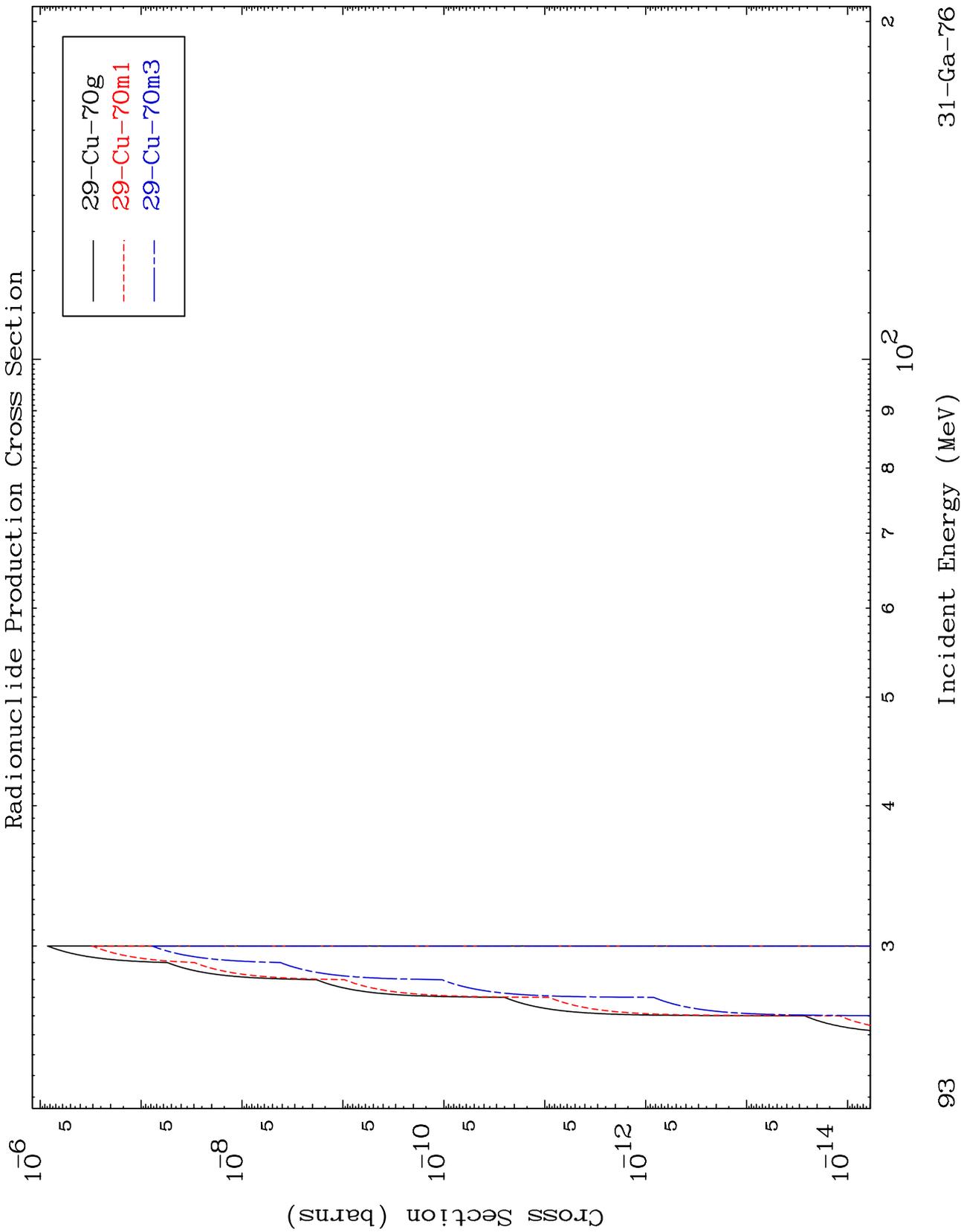


92

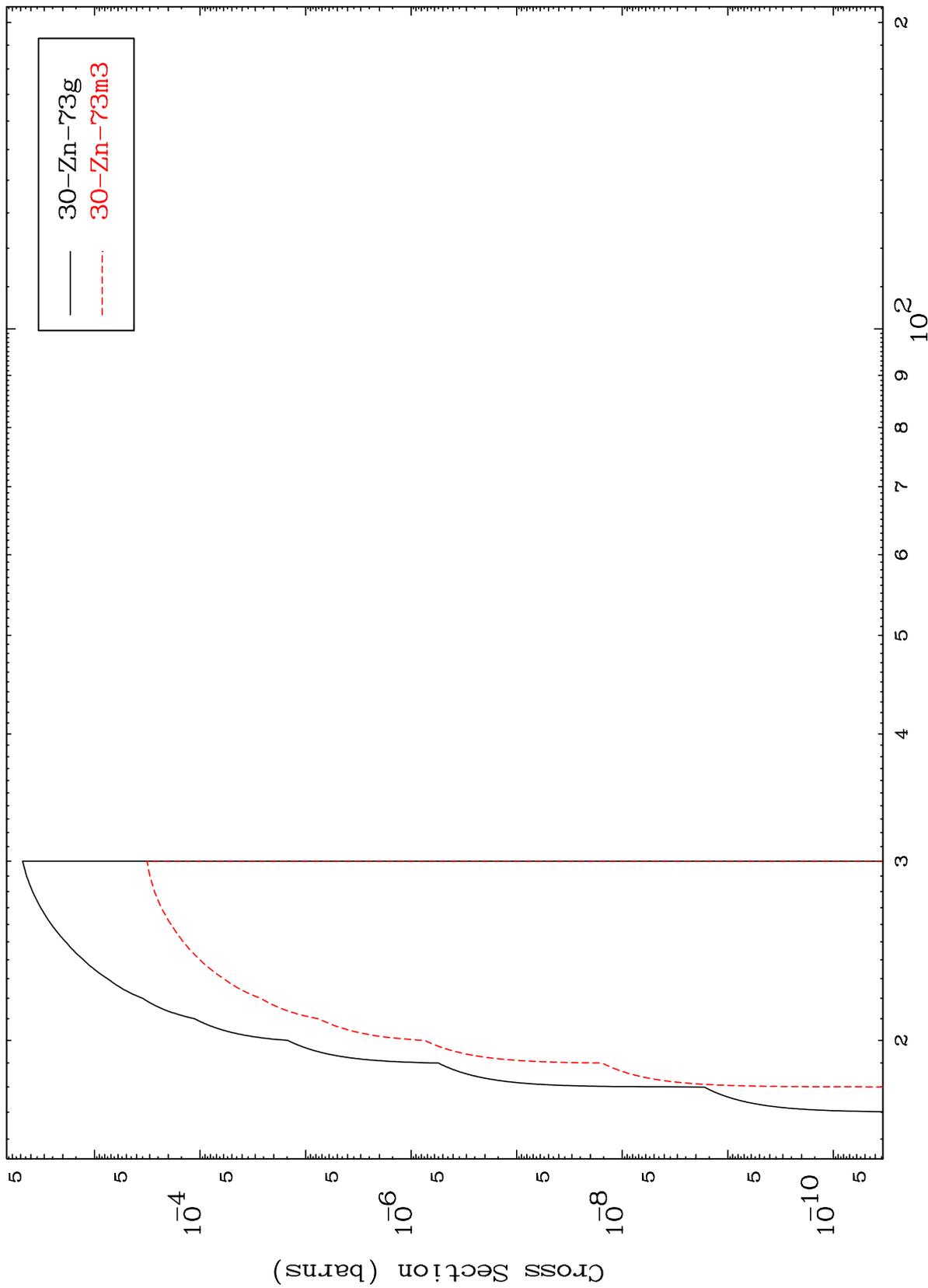
Incident Energy (MeV)

31-Ga-76

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

