

Program EVALPLOT
(Version 2021-1)

by

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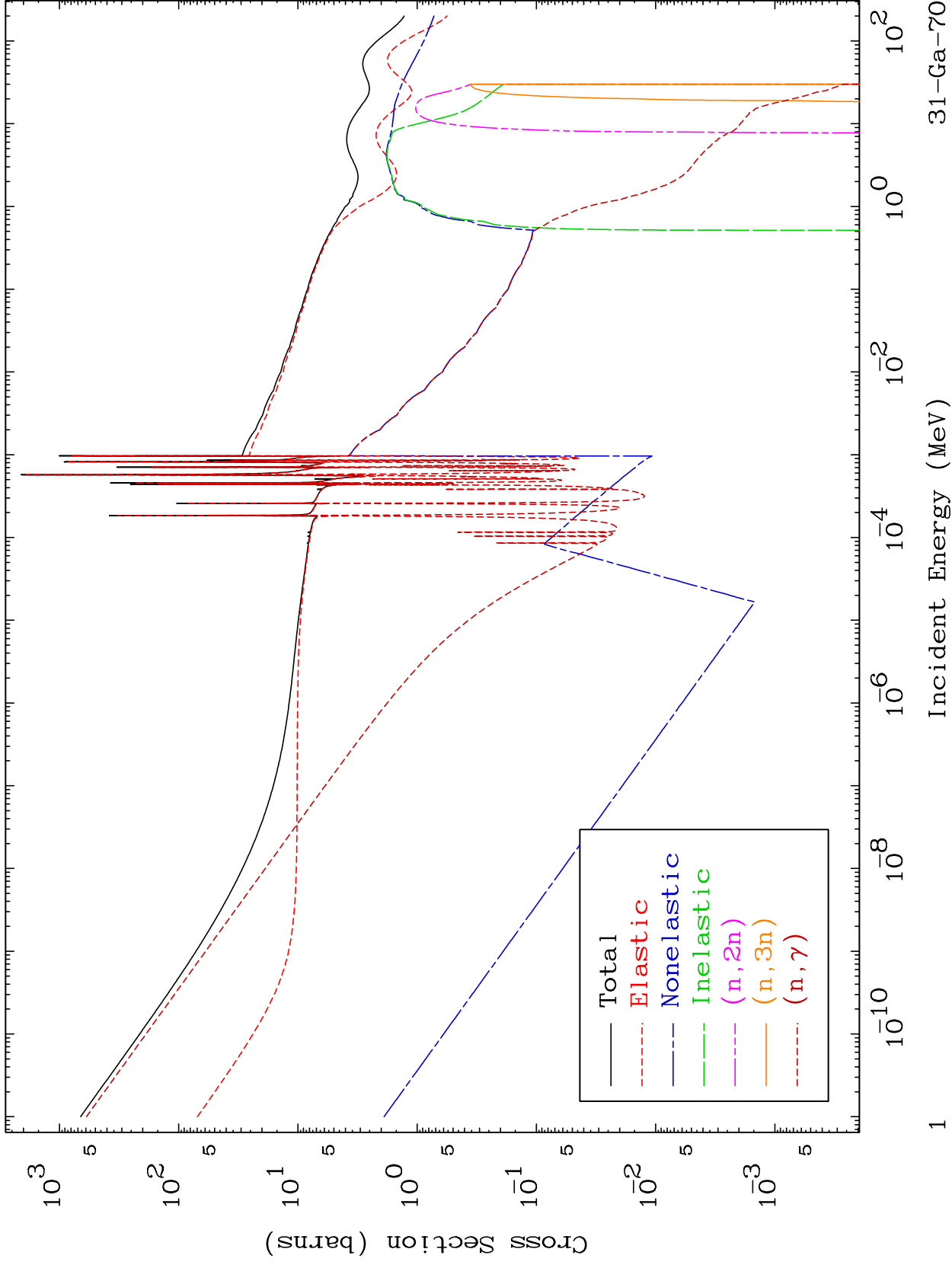
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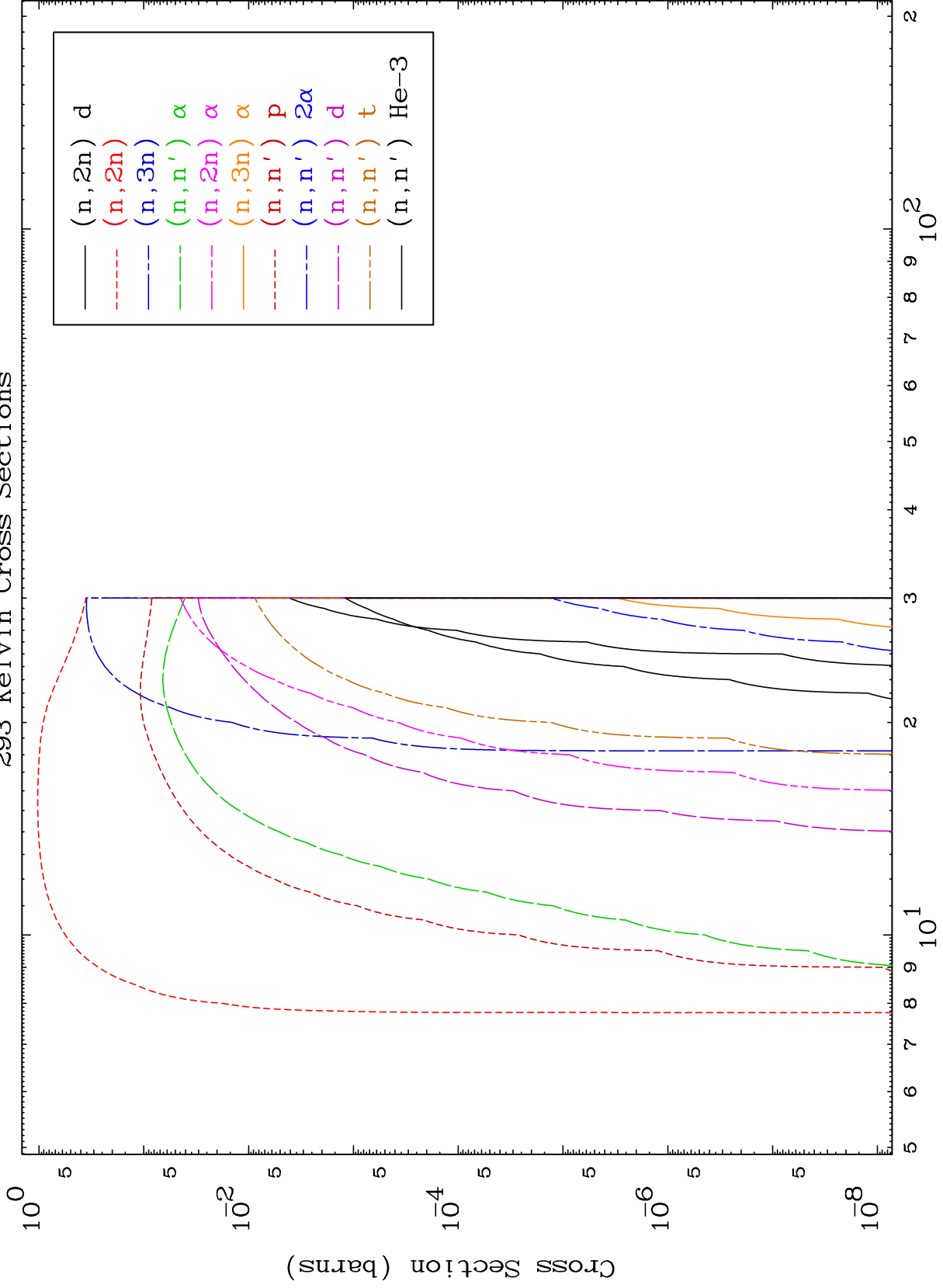
Press Mouse Button to Start

MAT 3128

Neutron Major
293 Kelvin Cross Sections

31-Ga-70

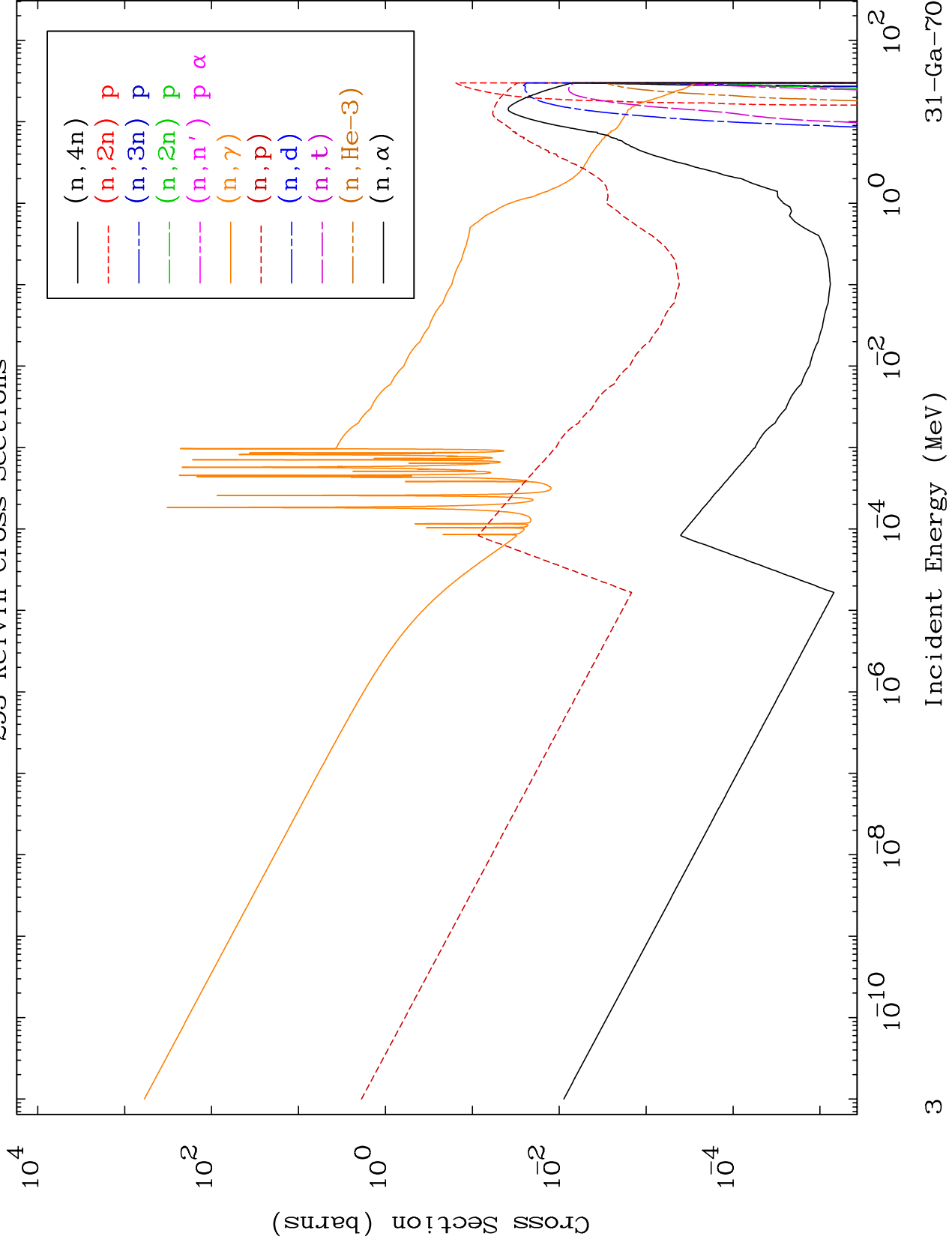


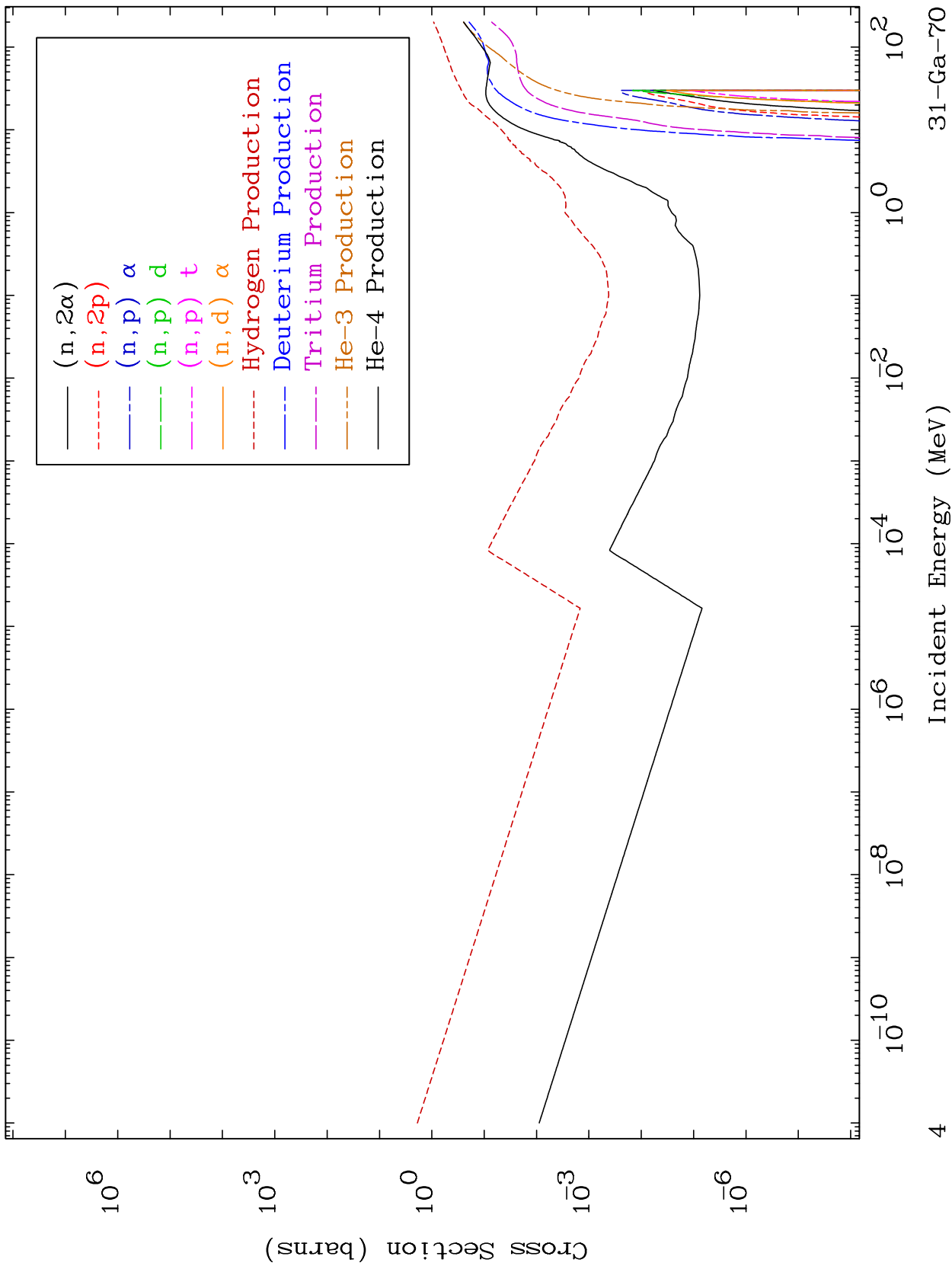


MAT 3128

Neutron Absorption
293 Kelvin Cross Sections

31-Ga-70

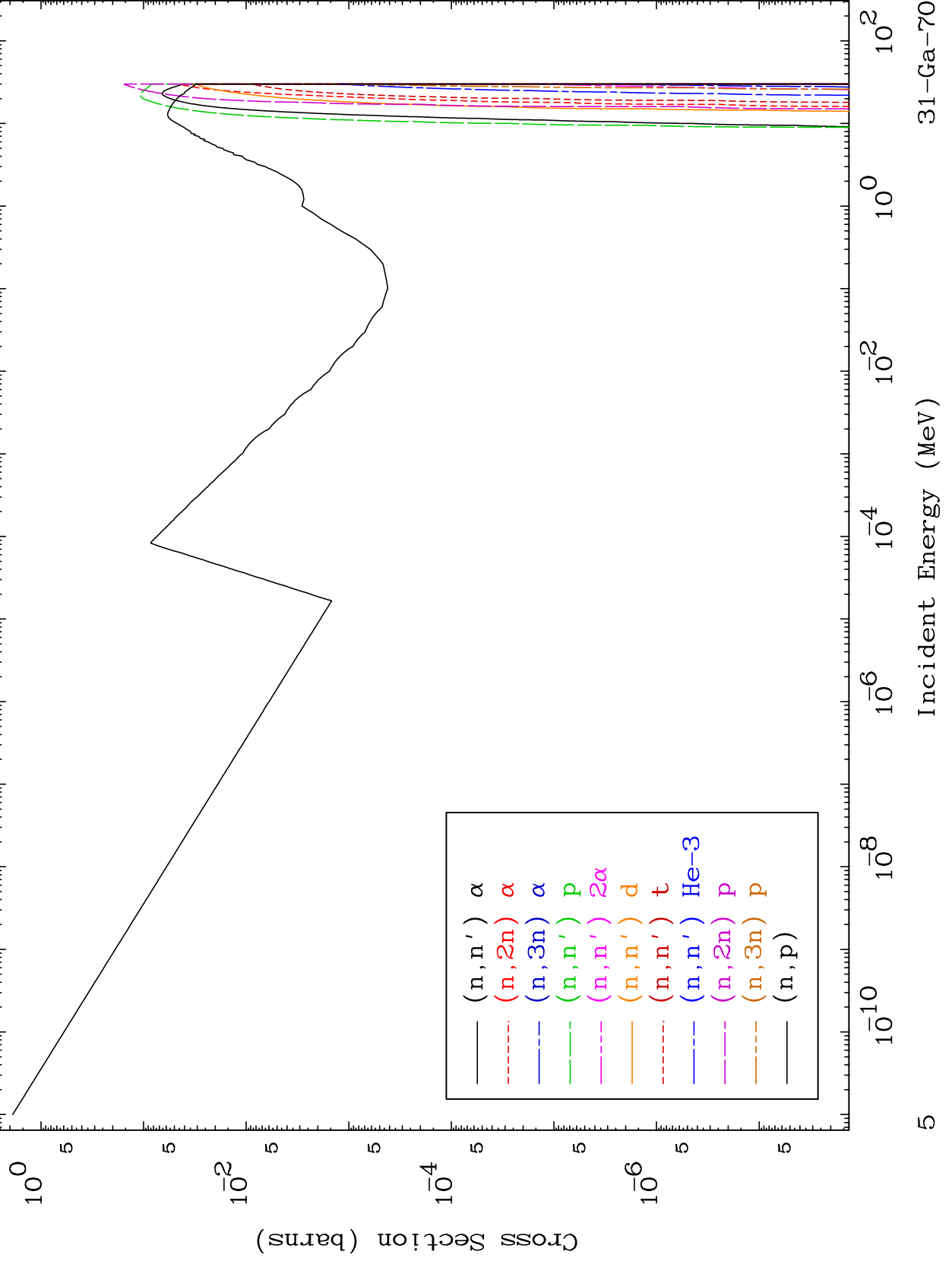




MAT 3128

Charged Particle
293 Kelvin Cross Sections

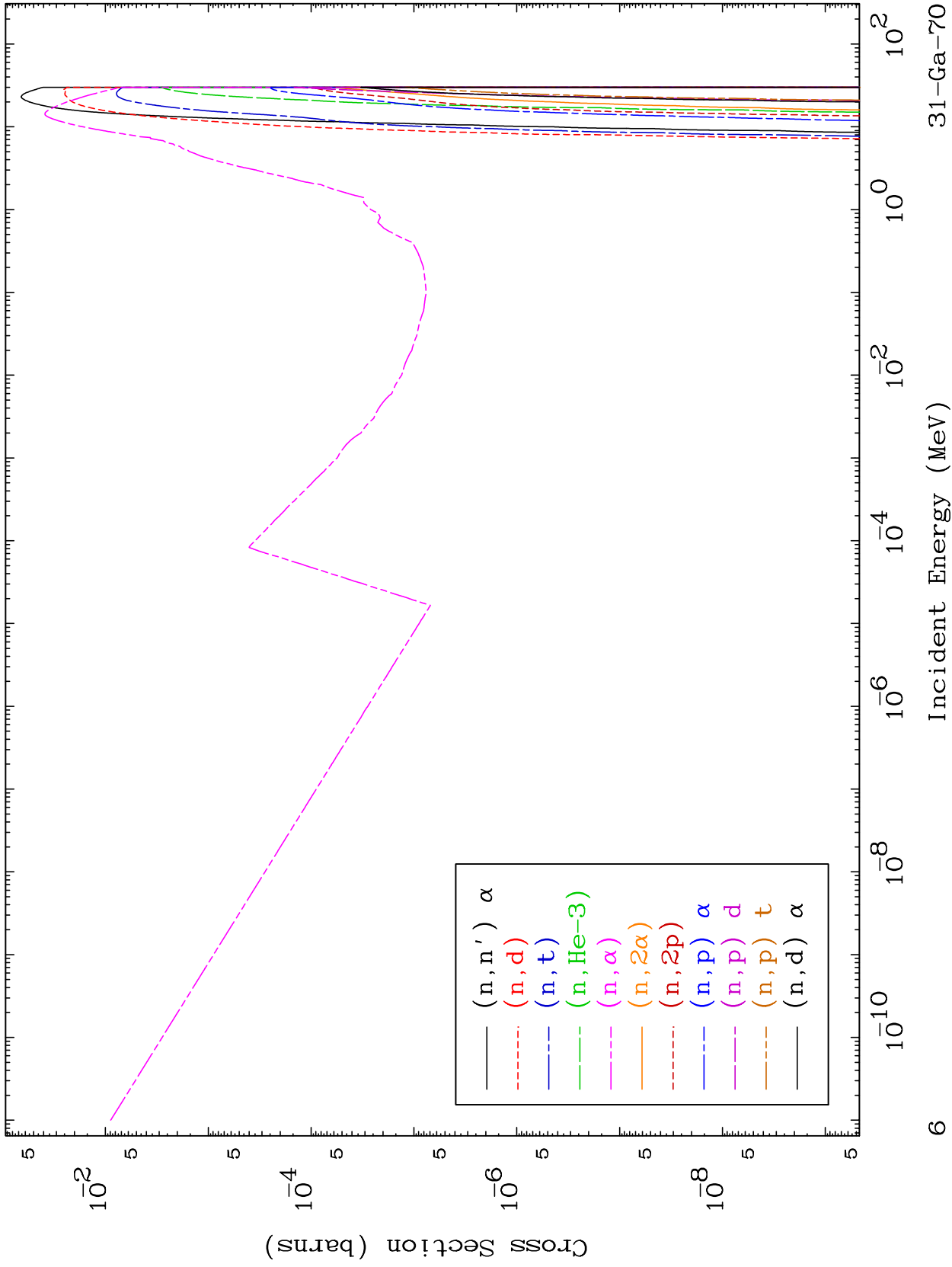
31-Ga-70



MAT 3128

Charged Particle
293 Kelvin Cross Sections

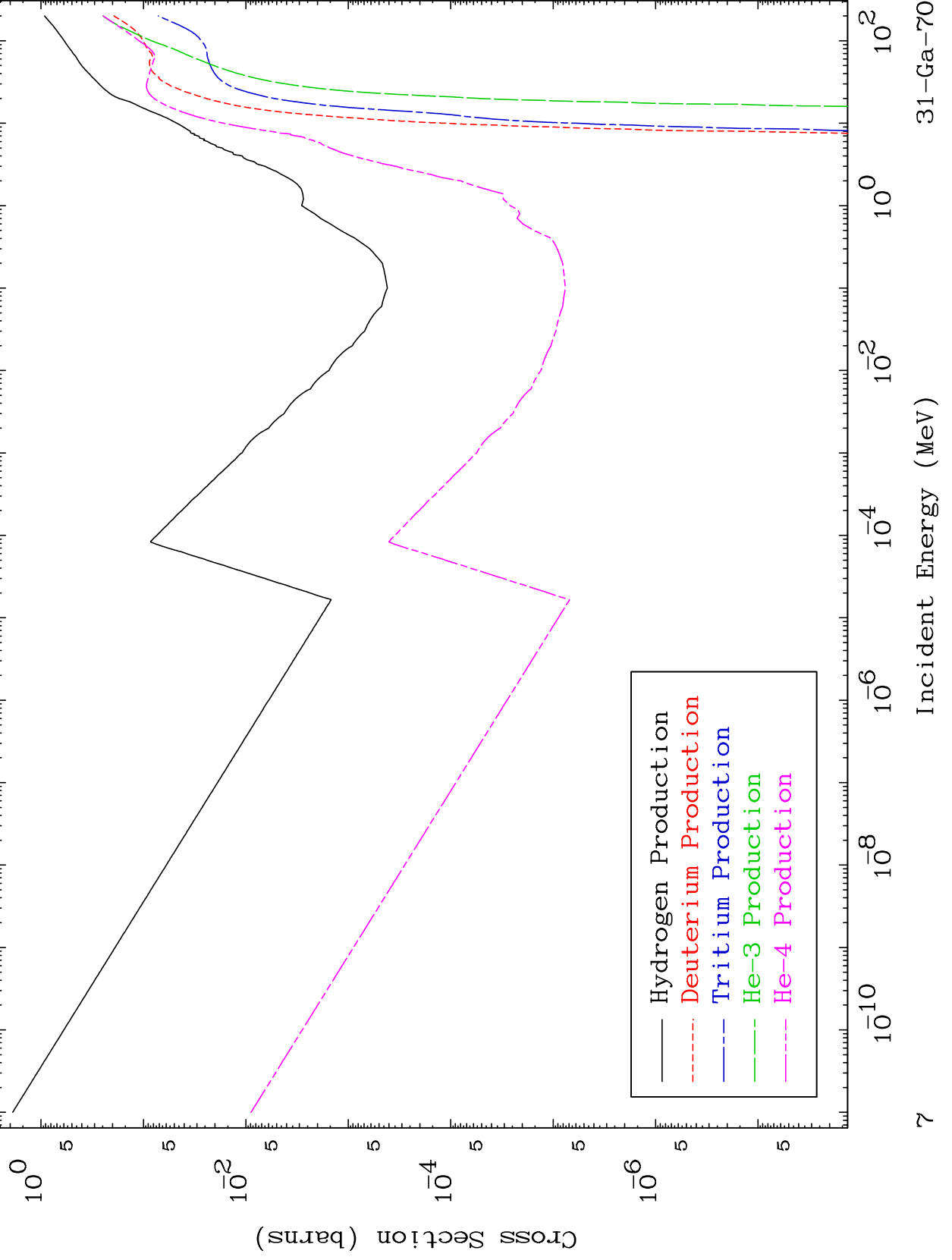
31-Ga-70

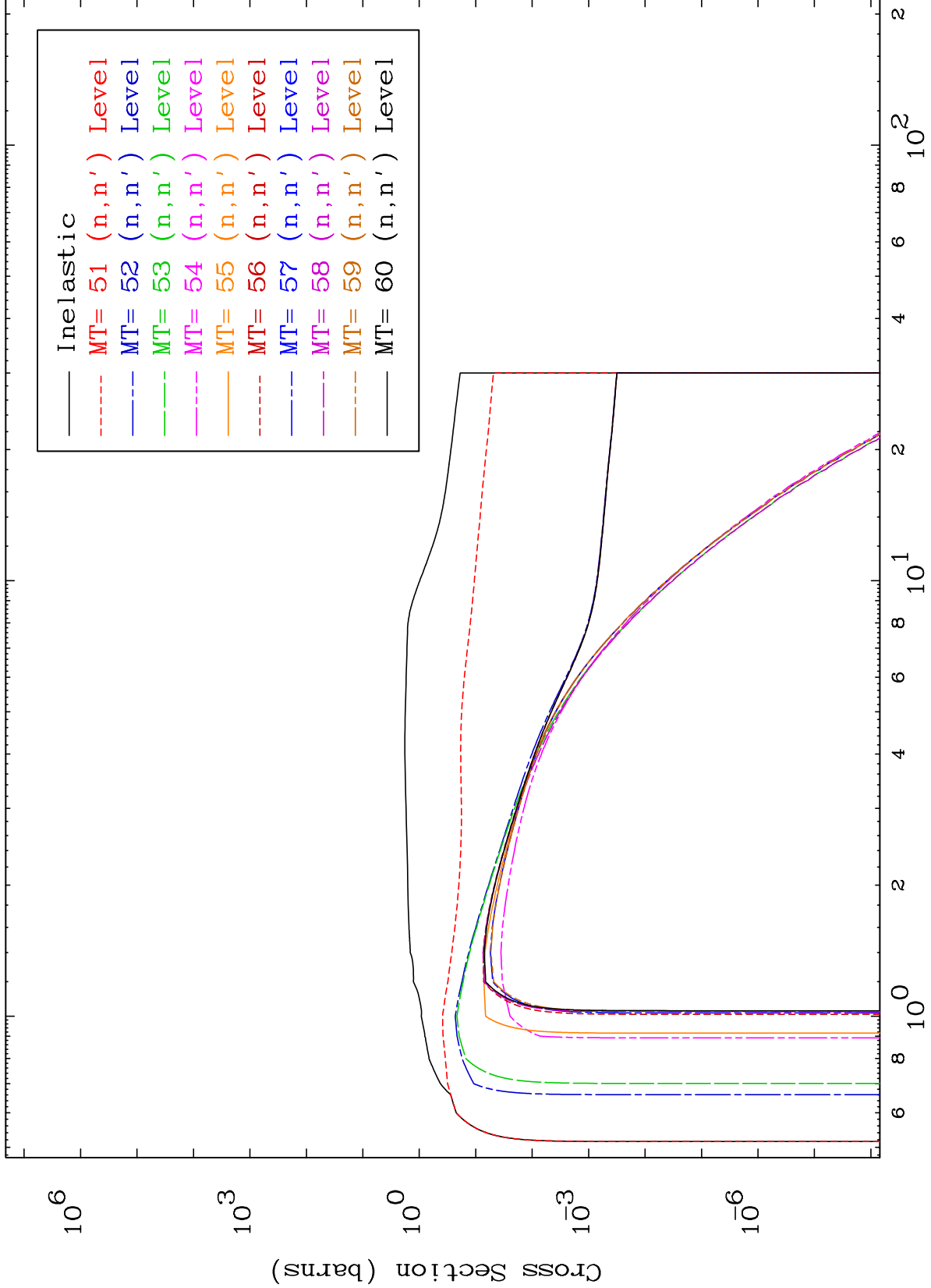


MAT 3128

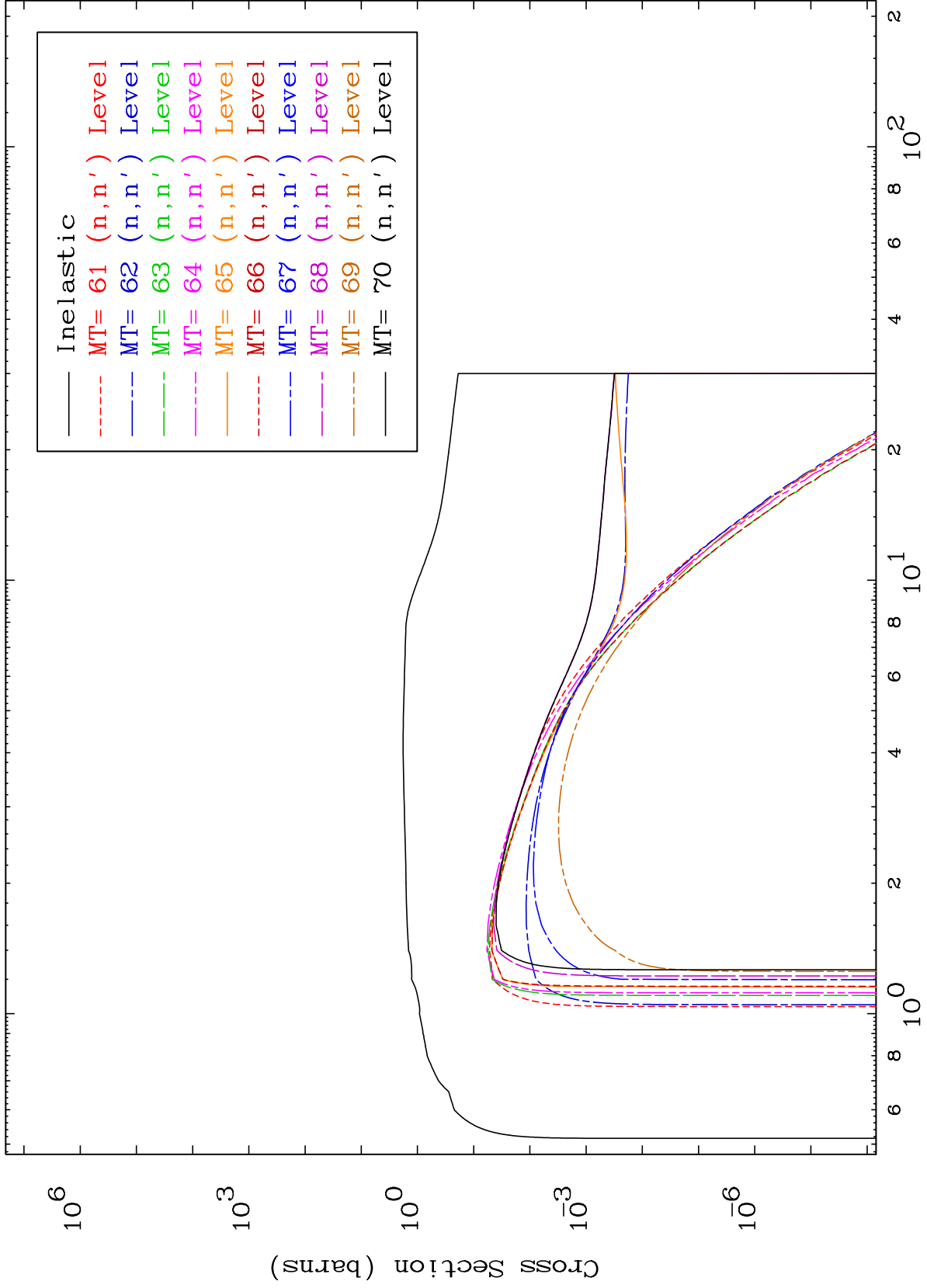
Particle Production
293 Kelvin Cross Sections

31-Ga-70





293 Kelvin Cross Sections

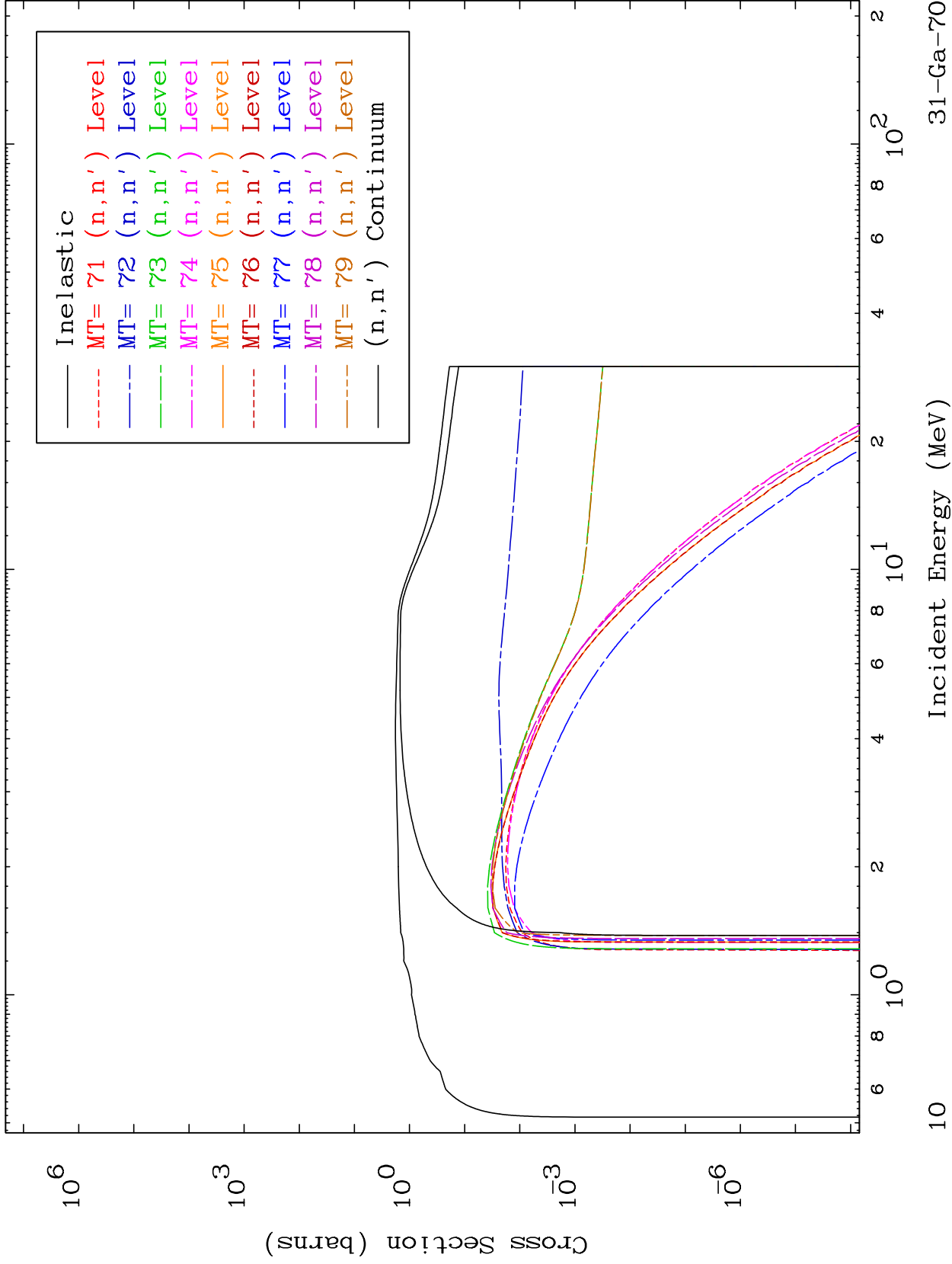


MAT 3128

(n,n') Levels

31-Ga-70

293 Kelvin Cross Sections



10

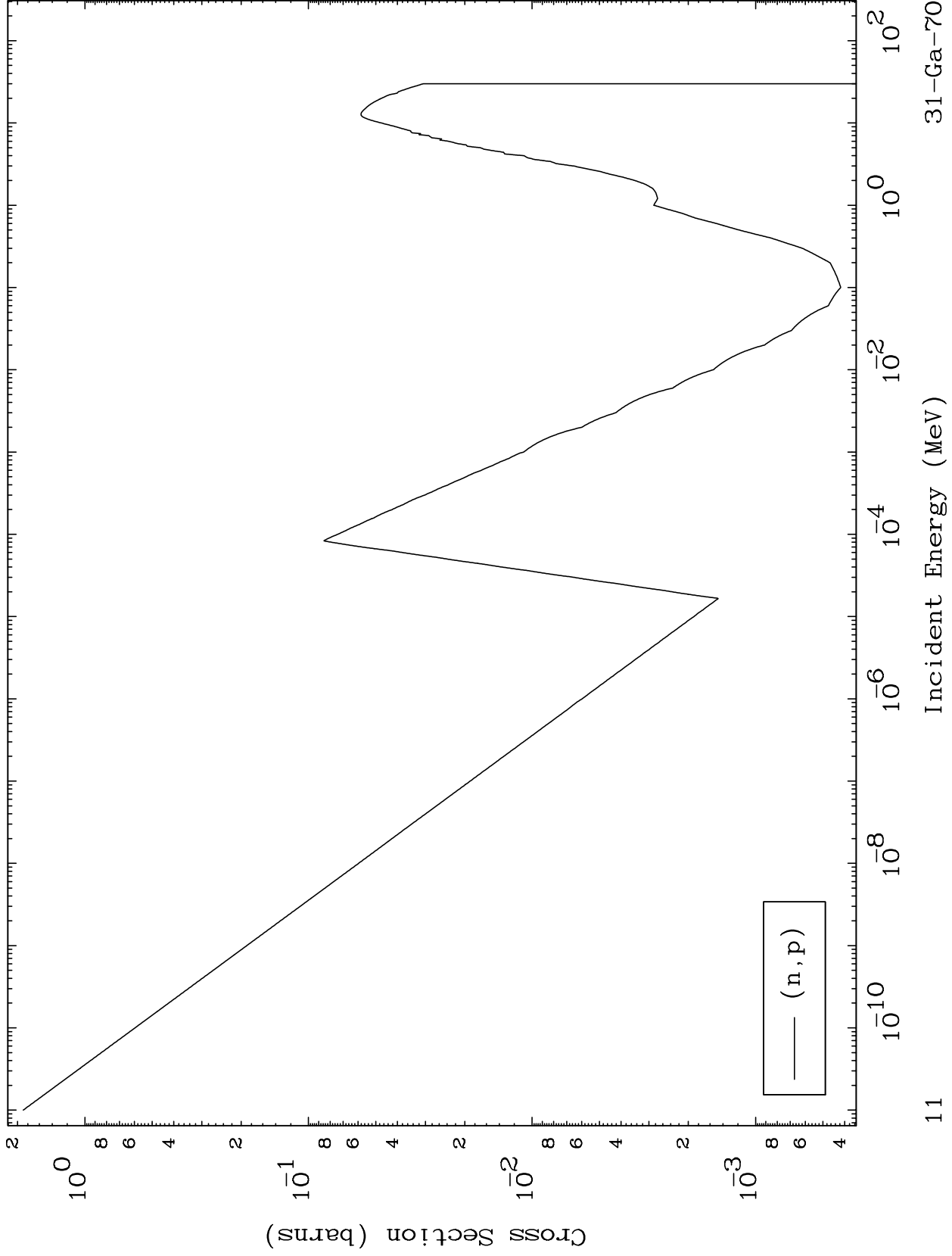
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n,p) Levels
293 Kelvin Cross Sections

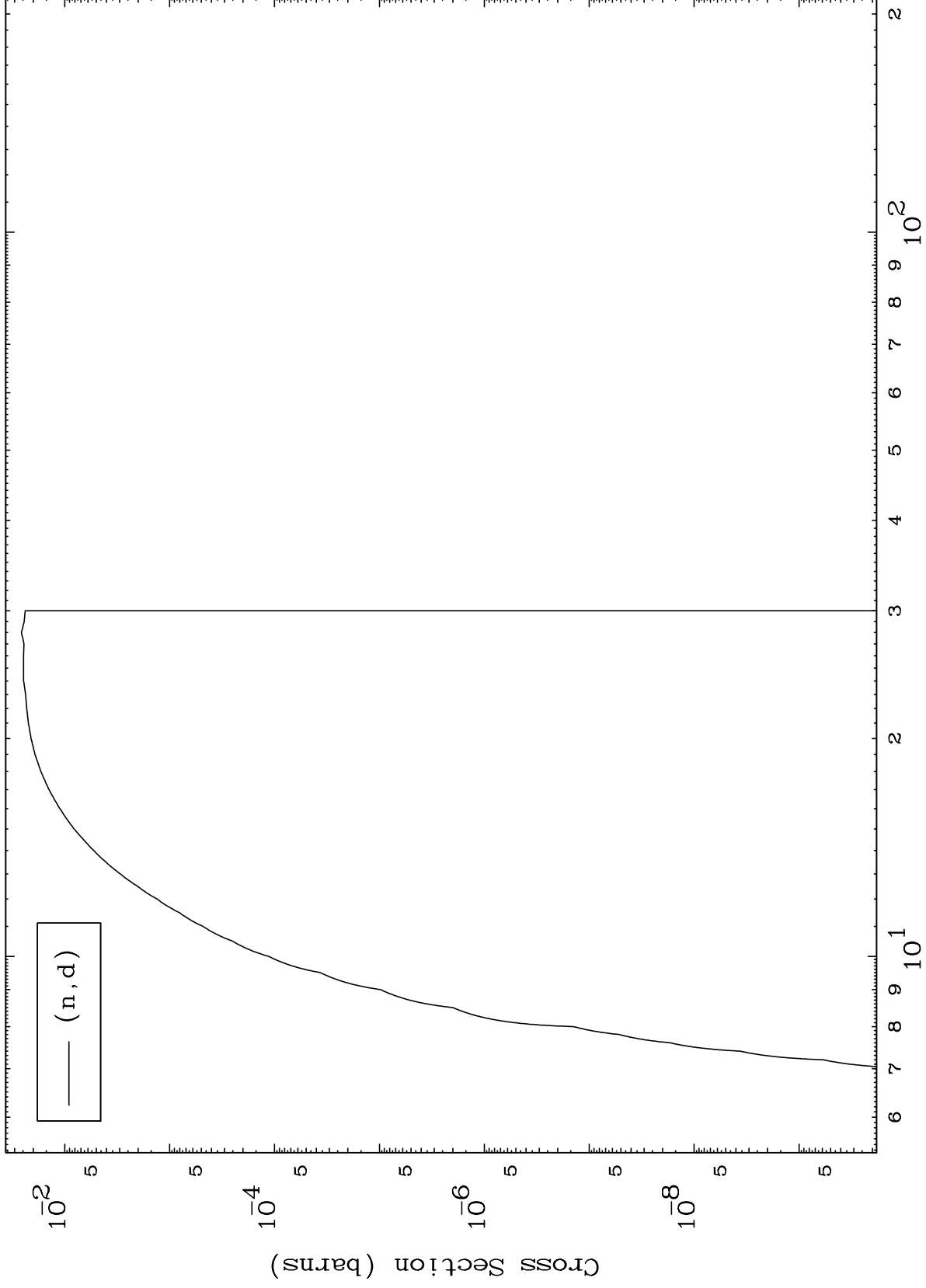
31-Ga-70



MAT 3128

(n,d) Levels
293 Kelvin Cross Sections

31-Ga-70



12

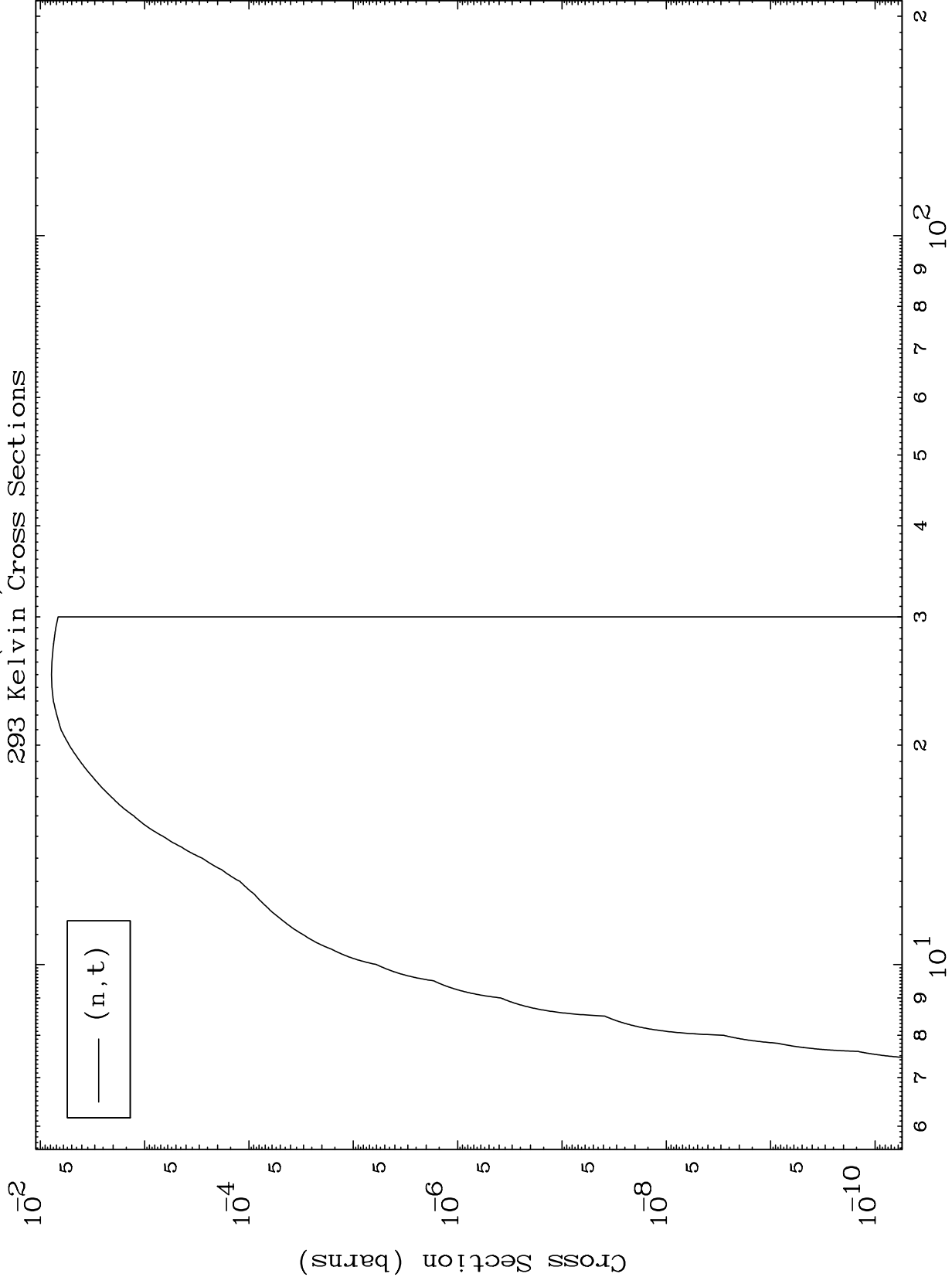
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n, t) Levels
293 Kelvin Cross Sections

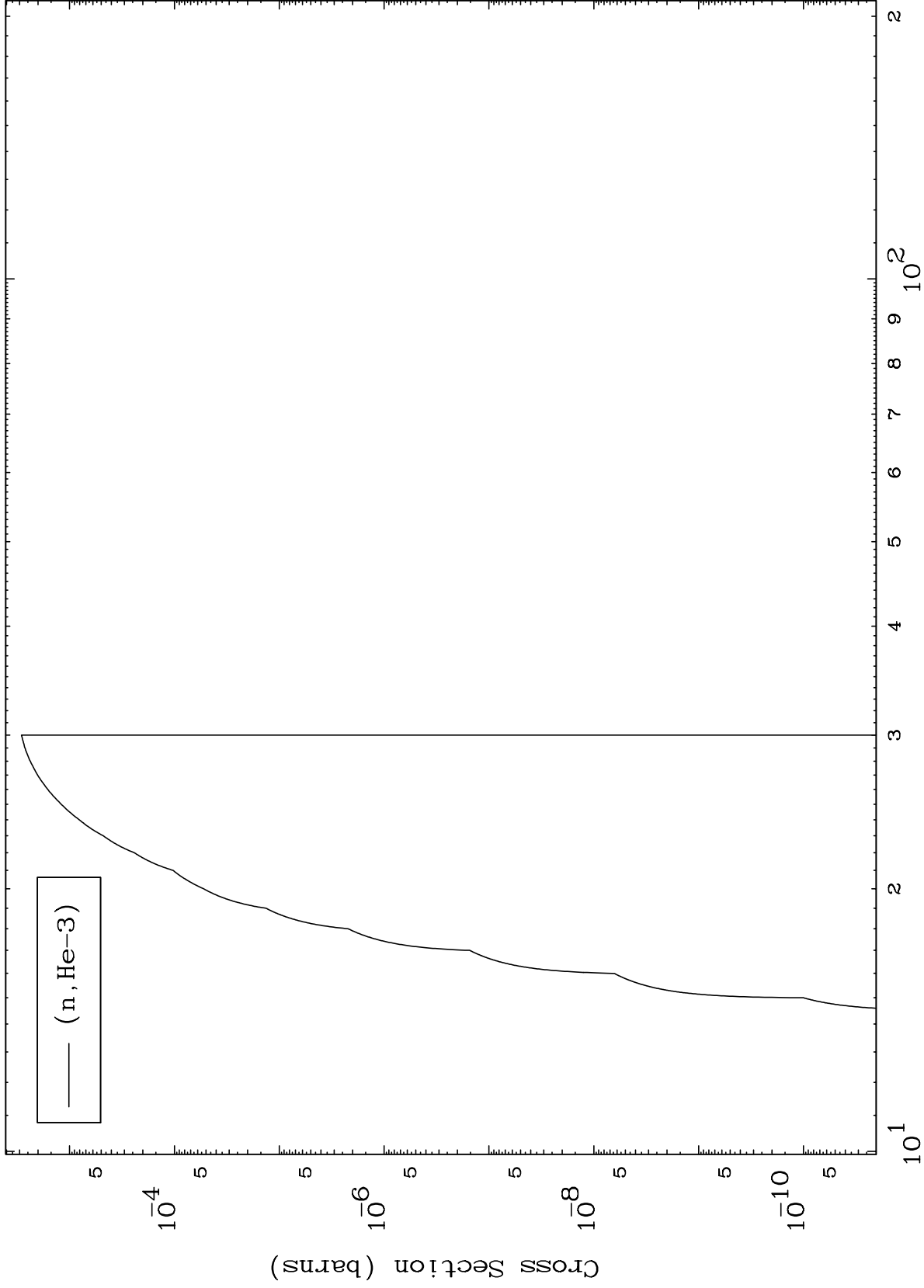
31-Ga-70



MAT 3128

(n,He3) Levels
293 Kelvin Cross Sections

31-Ga-70



14

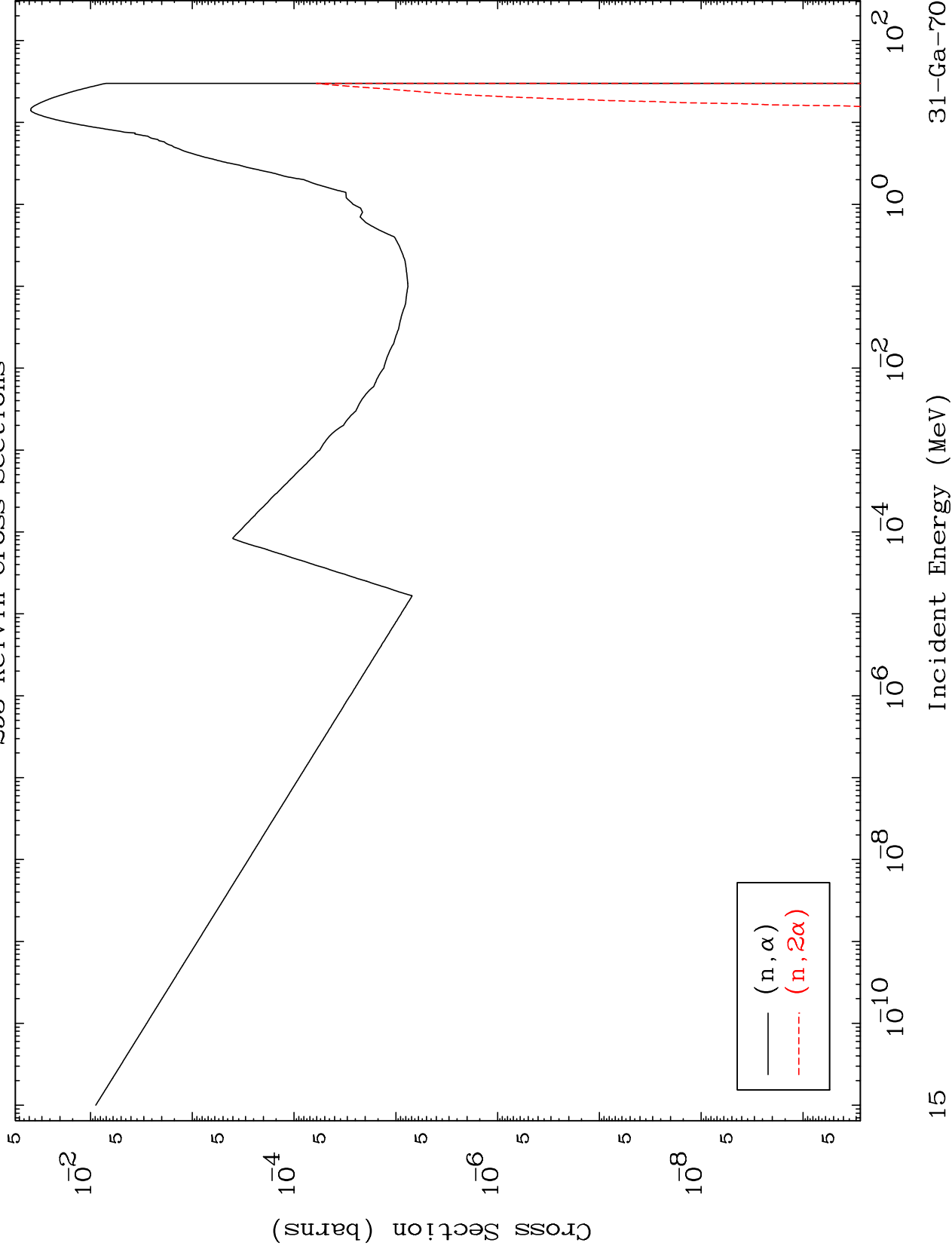
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n,α) Levels
293 Kelvin Cross Sections

31-Ga-70

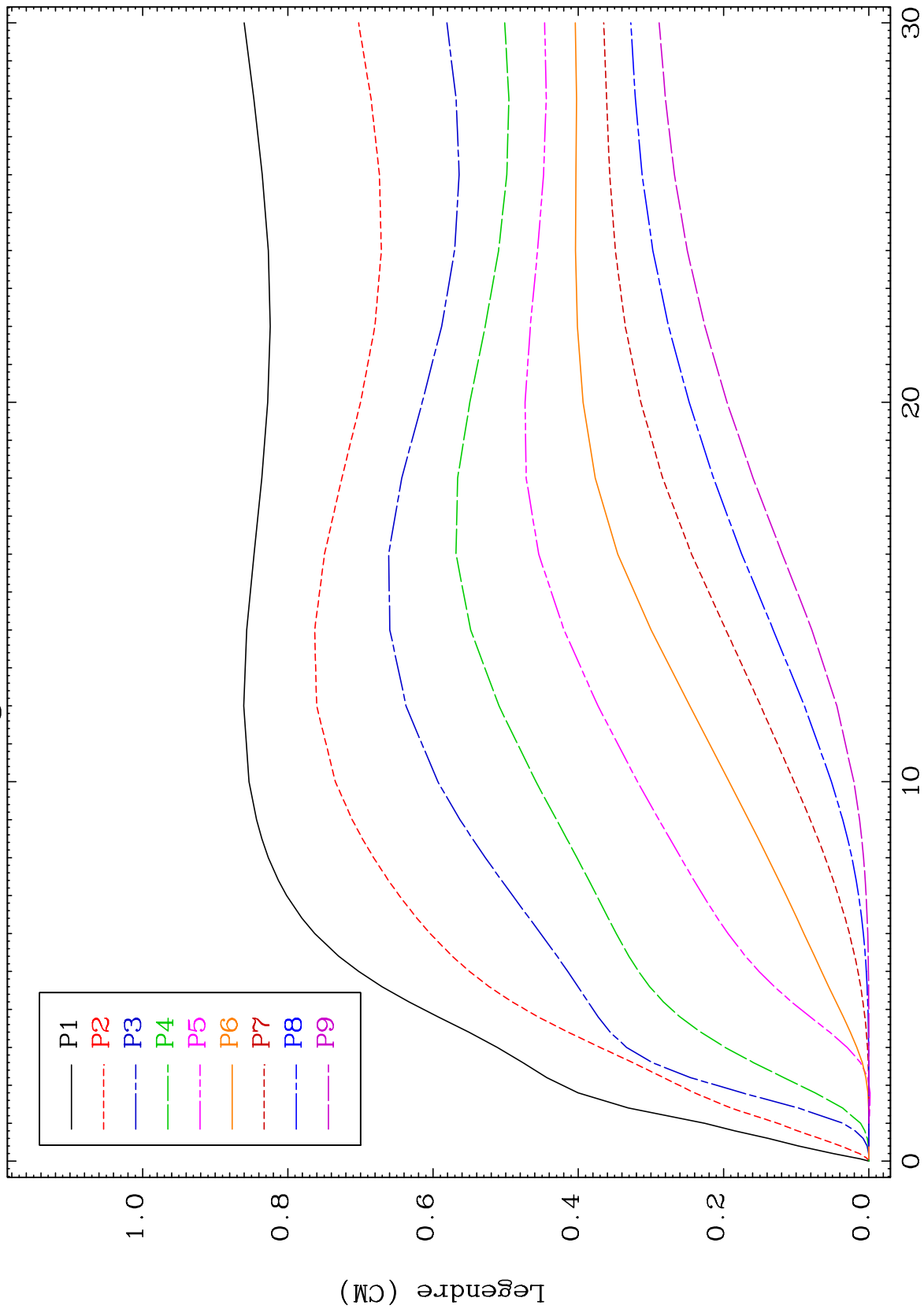


15

MAT 3128

Elastic Legendre Coefficients

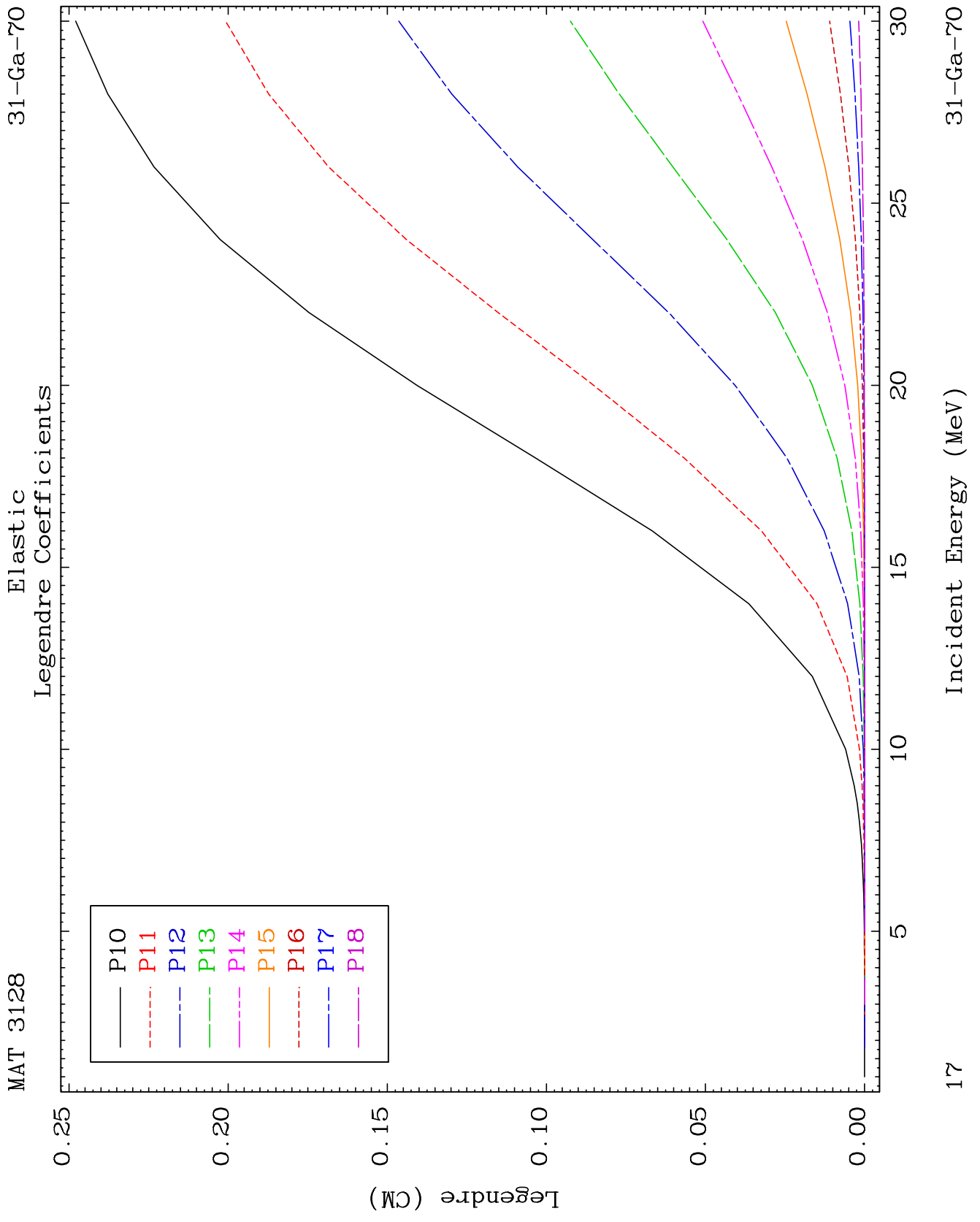
³¹Ga-⁷⁰



16

Incident Energy (MeV)

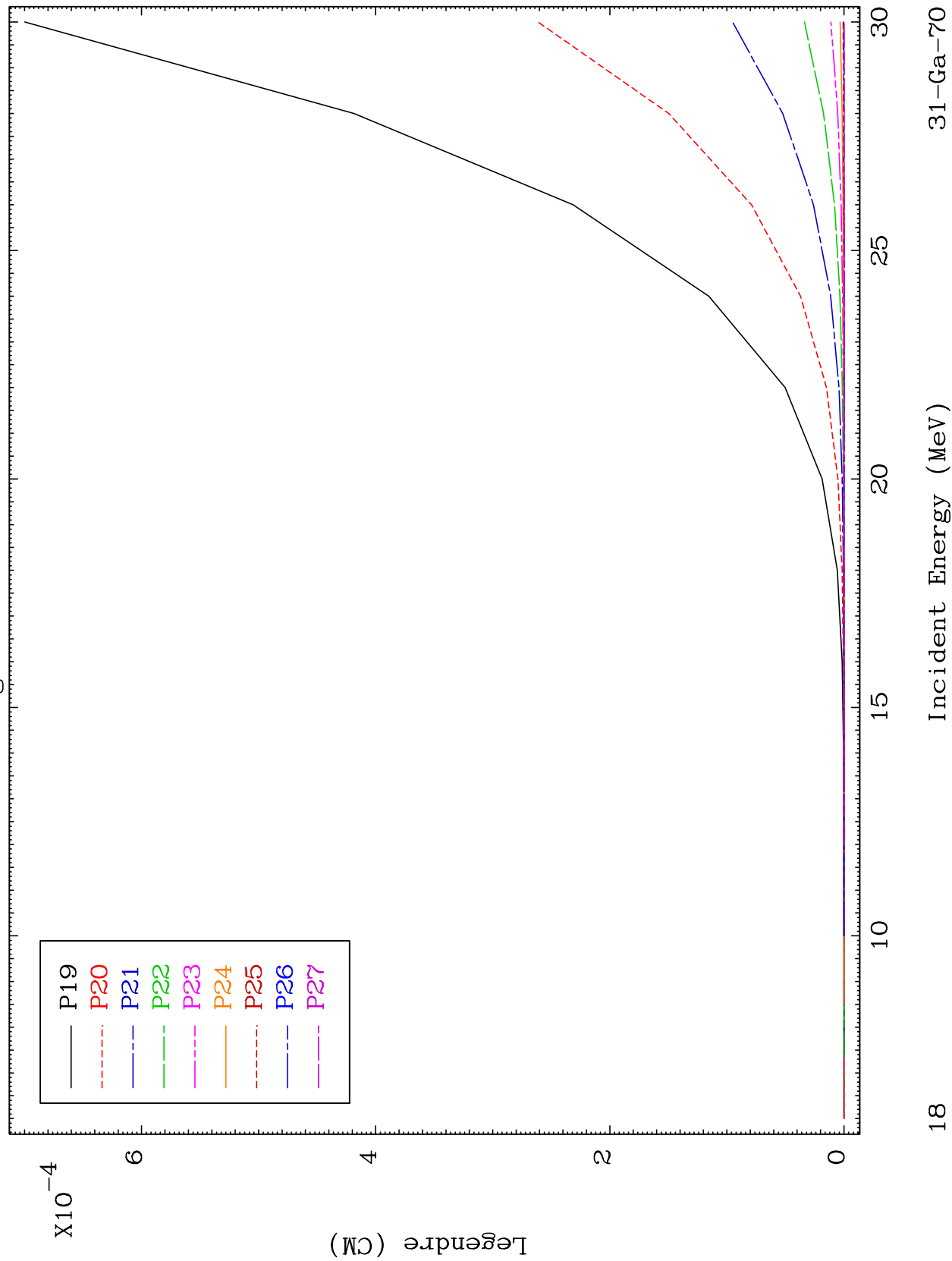
³¹Ga-⁷⁰



MAT 3128

Elastic Legendre Coefficients

31-Ga-70



18

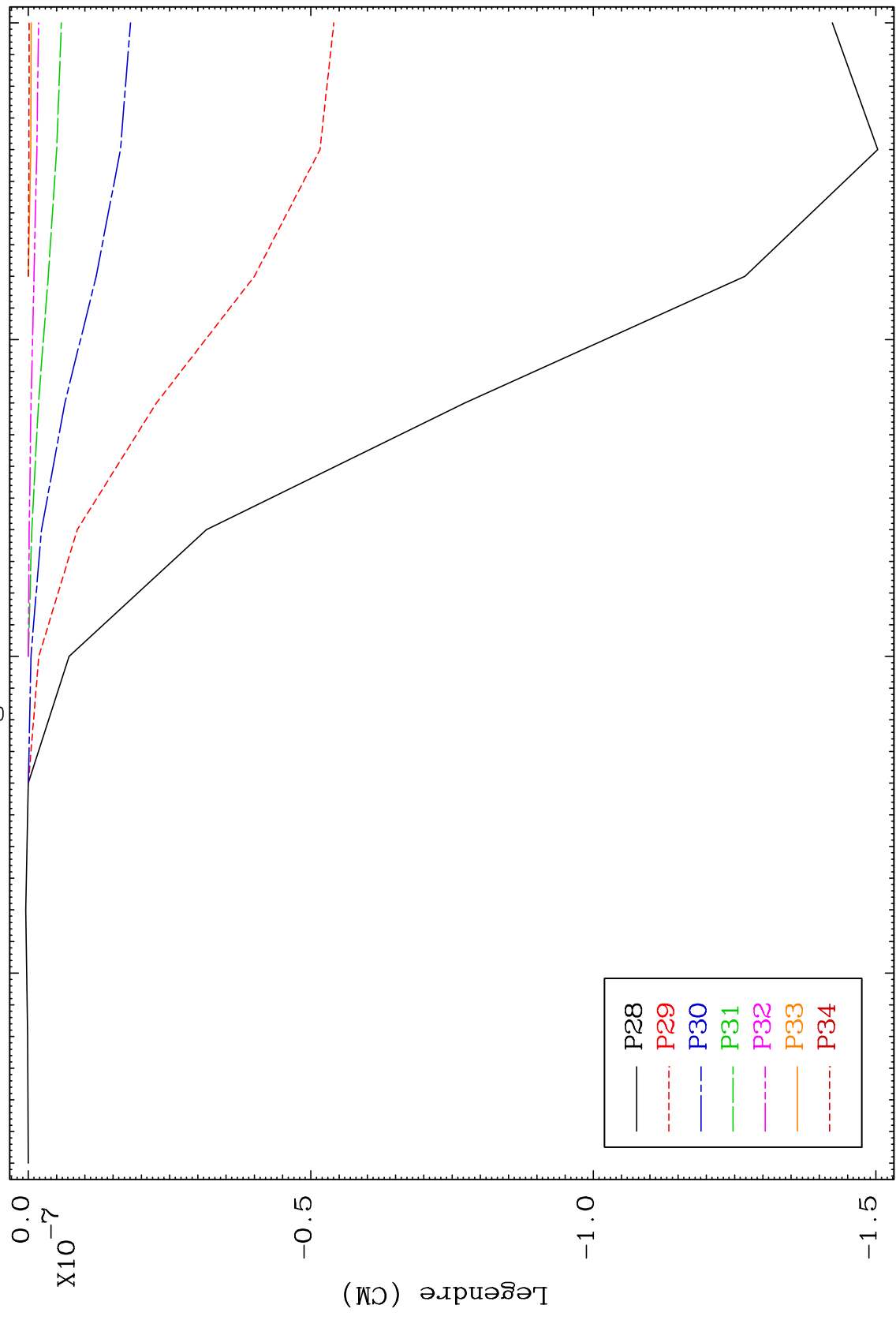
Incident Energy (MeV)

31-Ga-70

MAT 3128

31-Ga-70

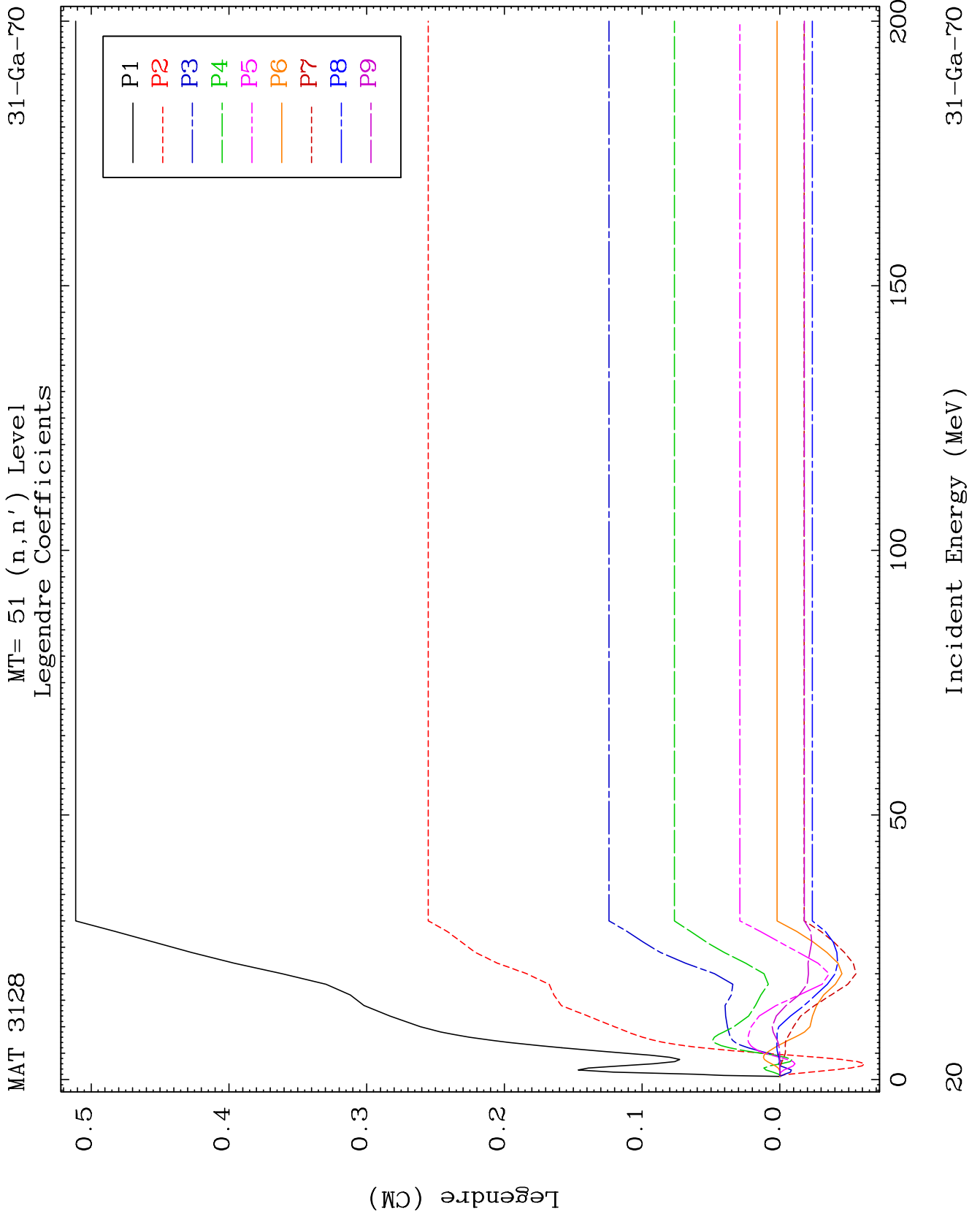
Elastic Legendre Coefficients



19

Incident Energy (MeV)

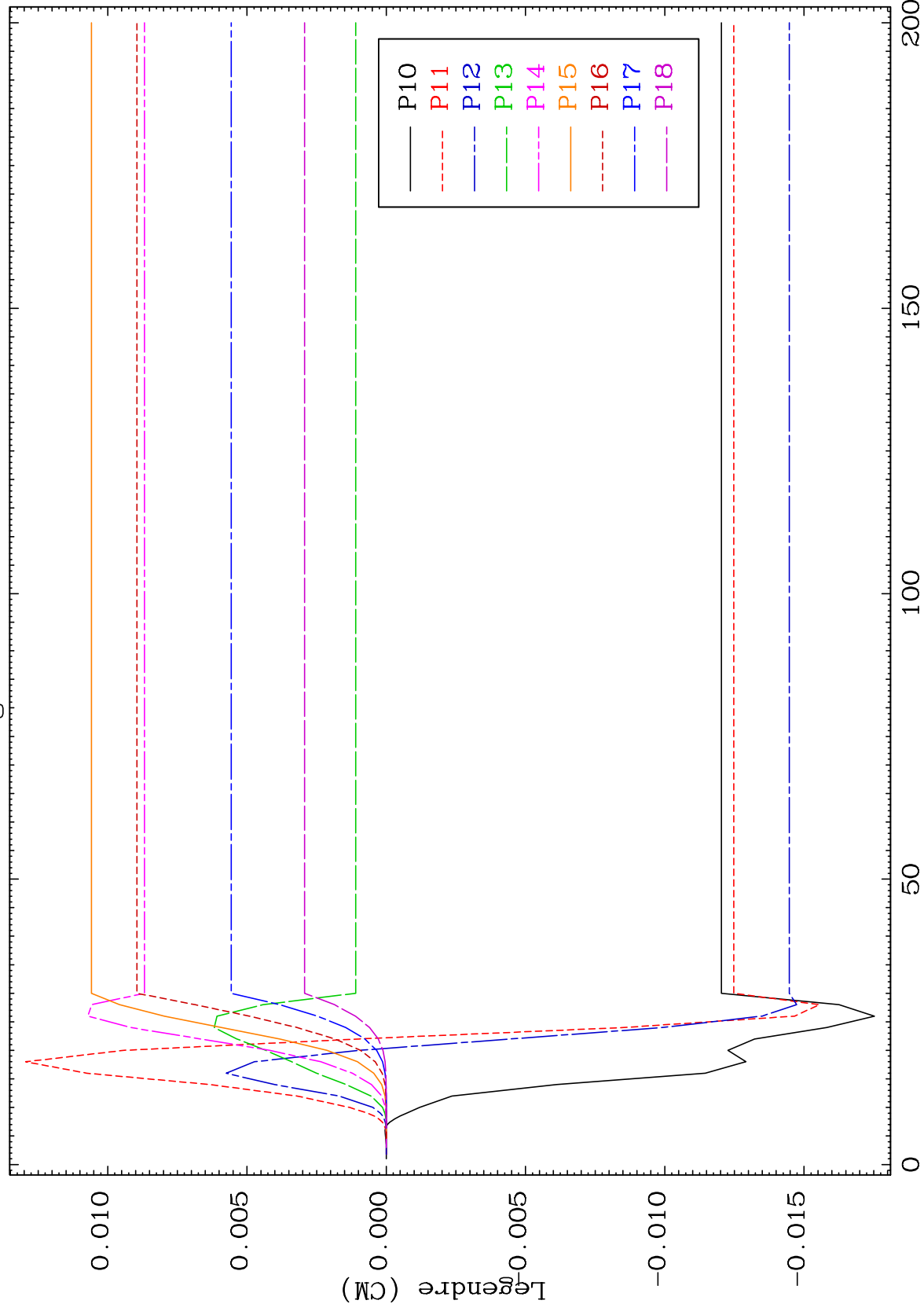
31-Ga-70



MAT 3128

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

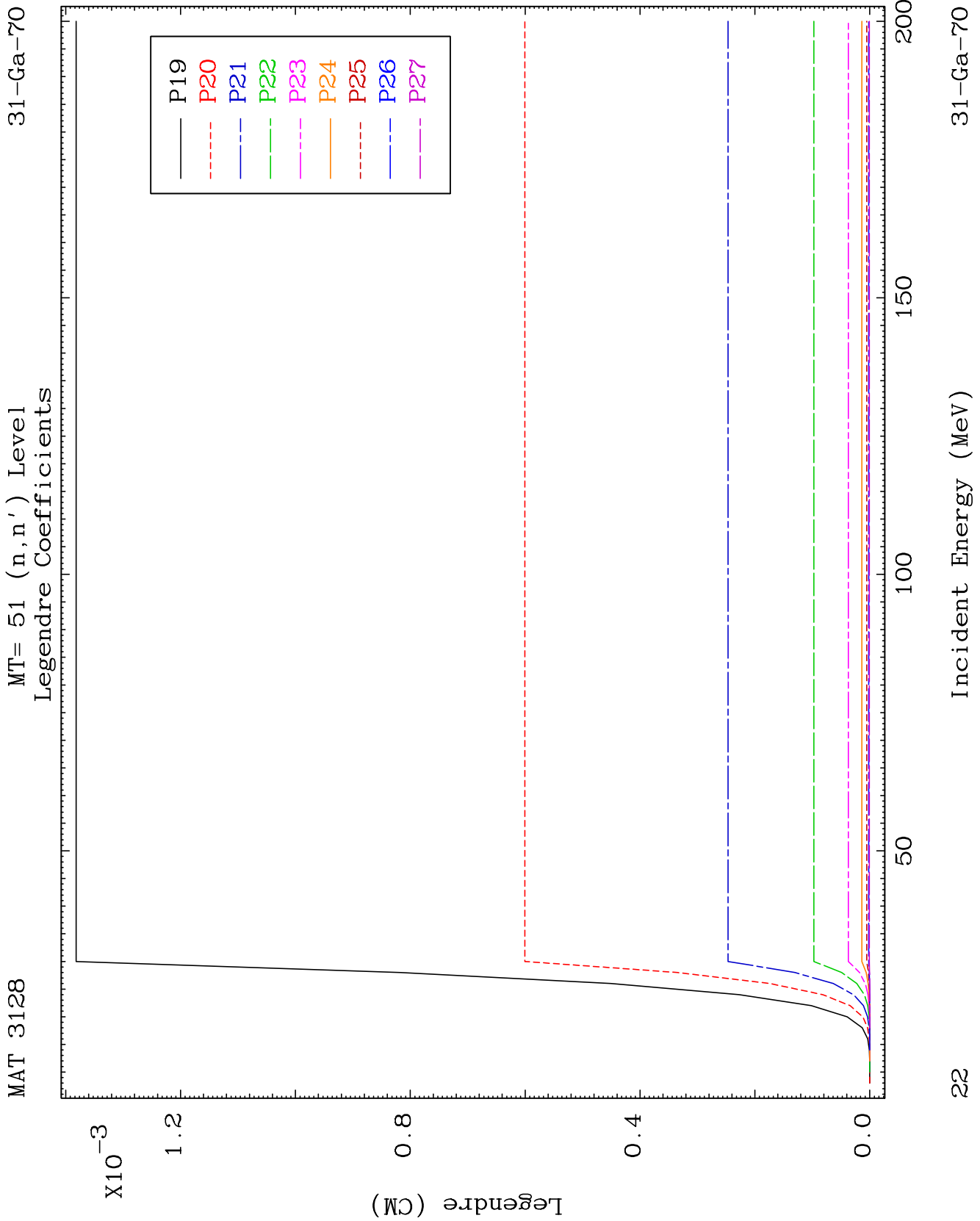
31-Ga-70



21

Incident Energy (MeV)

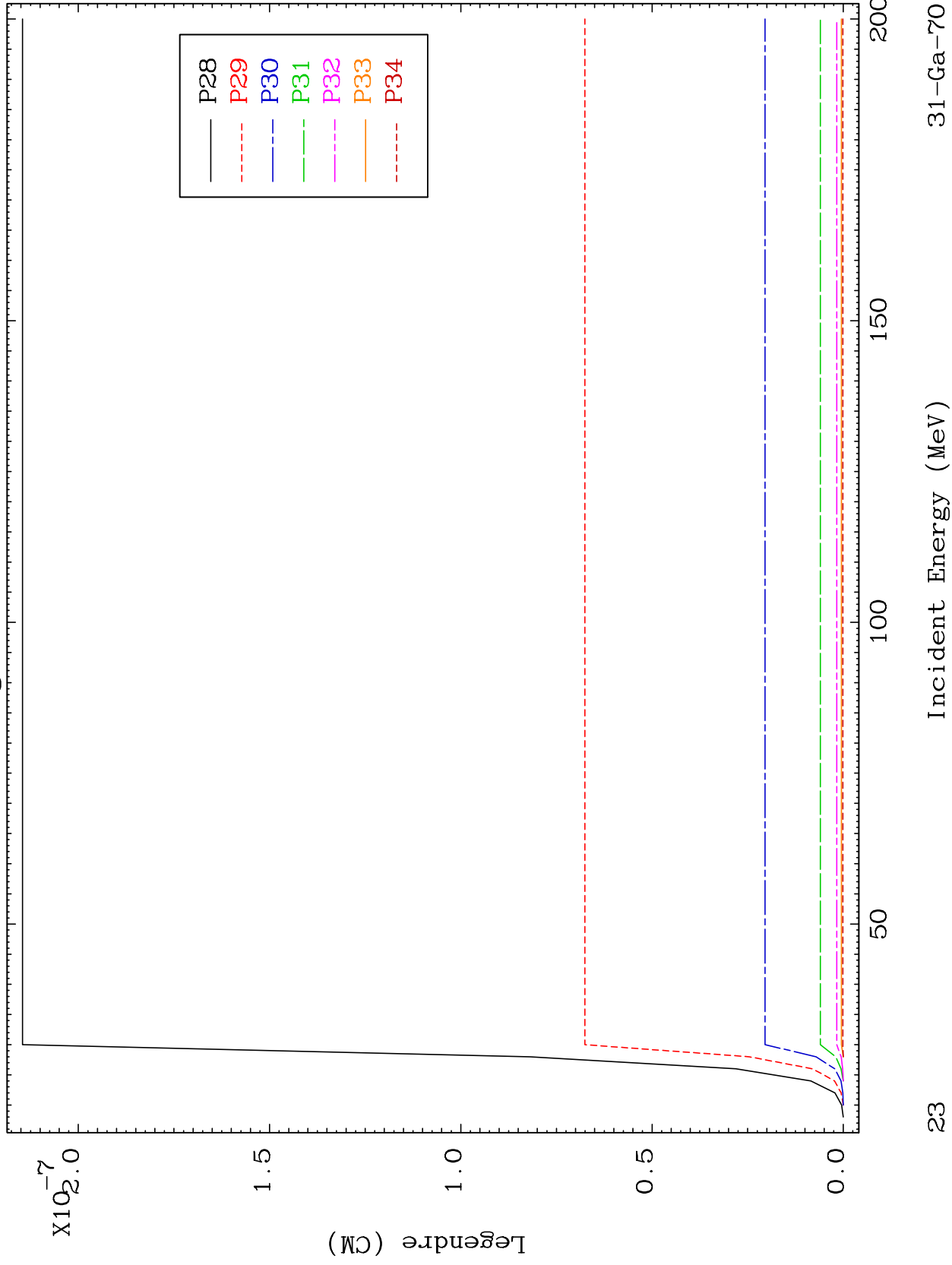
31-Ga-70



MAT 3128

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

31-Ga-70



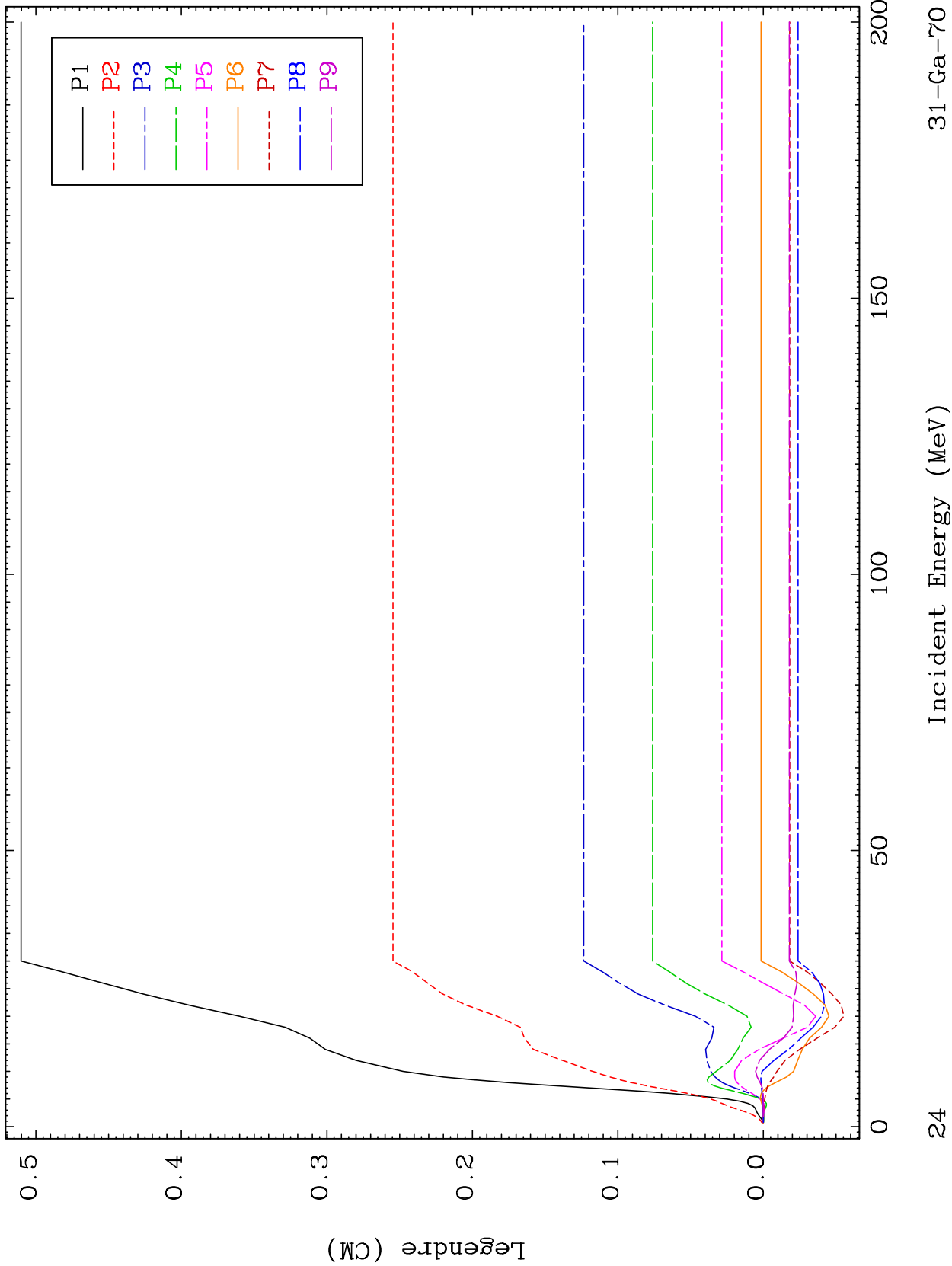
23

31-Ga-70

MAT 3128

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

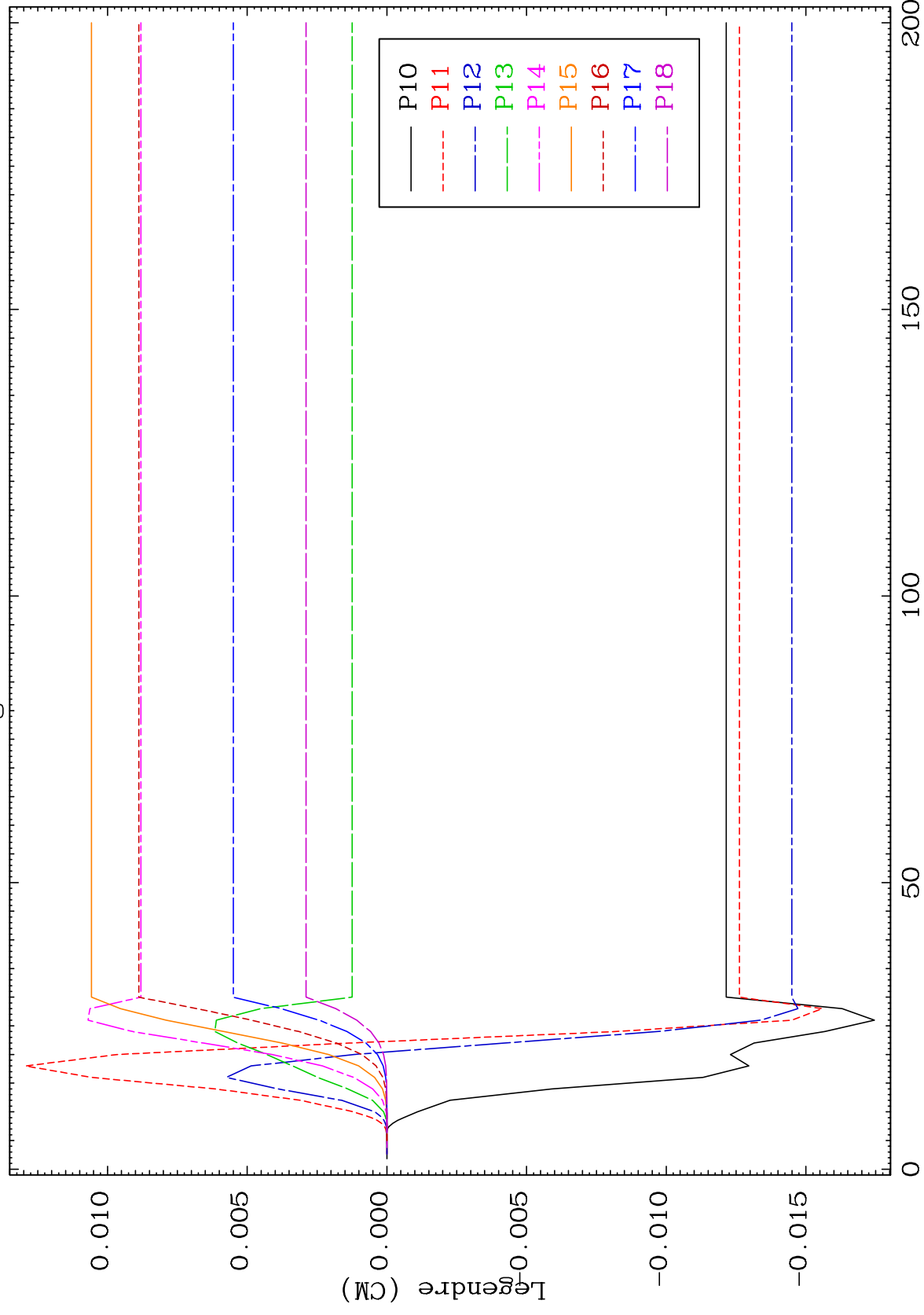
31-Ga-70



MAT 3128

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

31-Ga-70



25

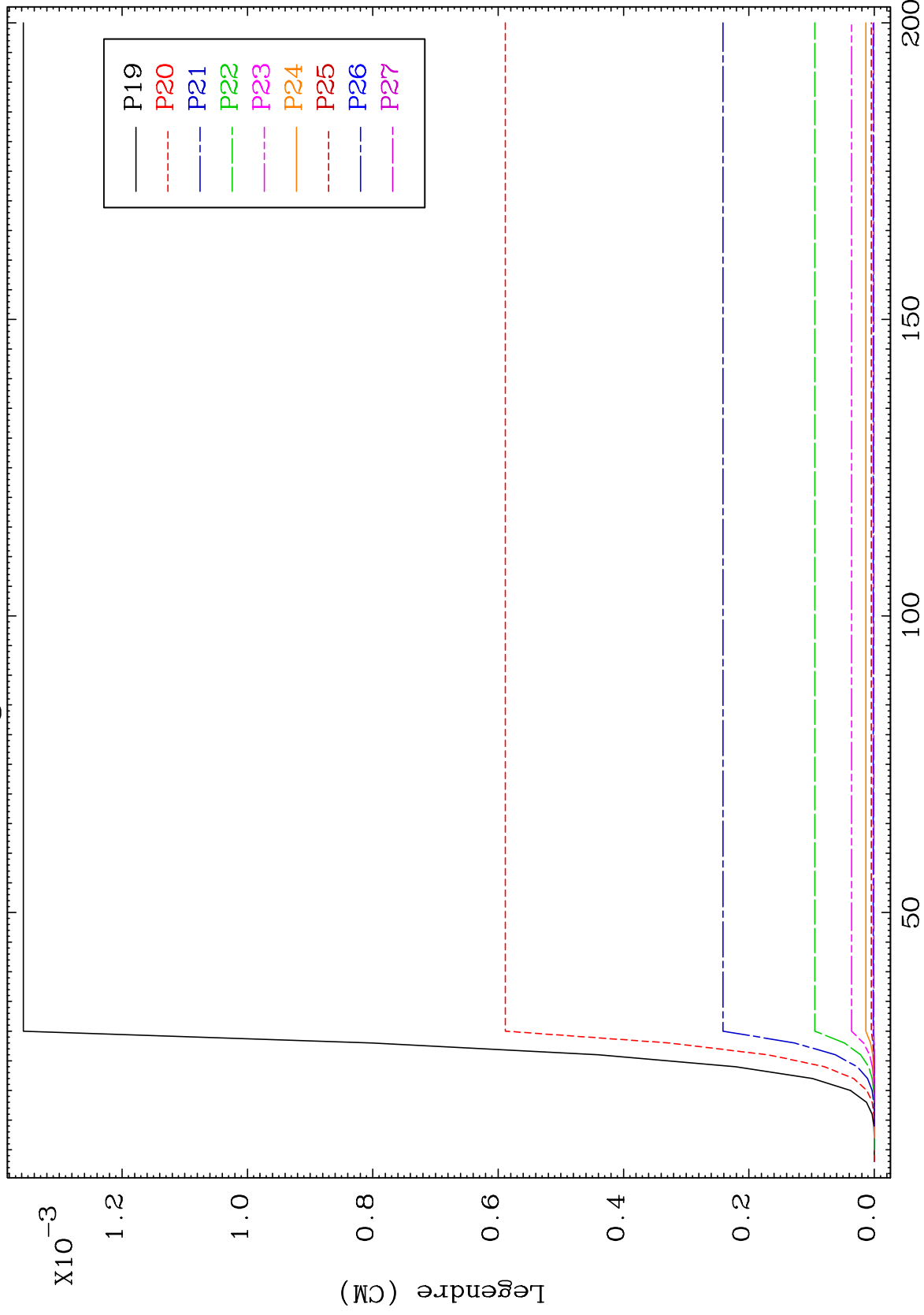
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



26

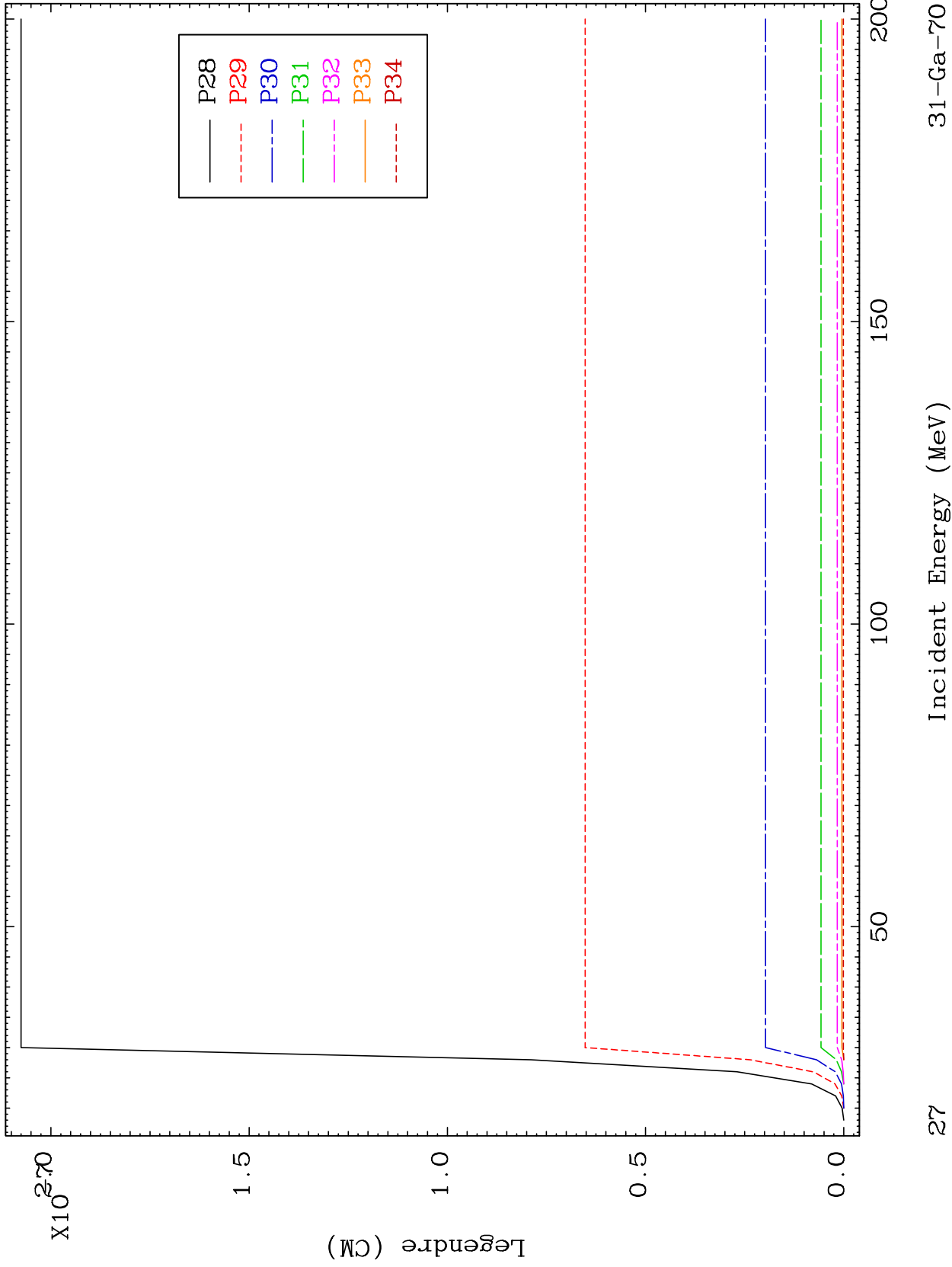
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

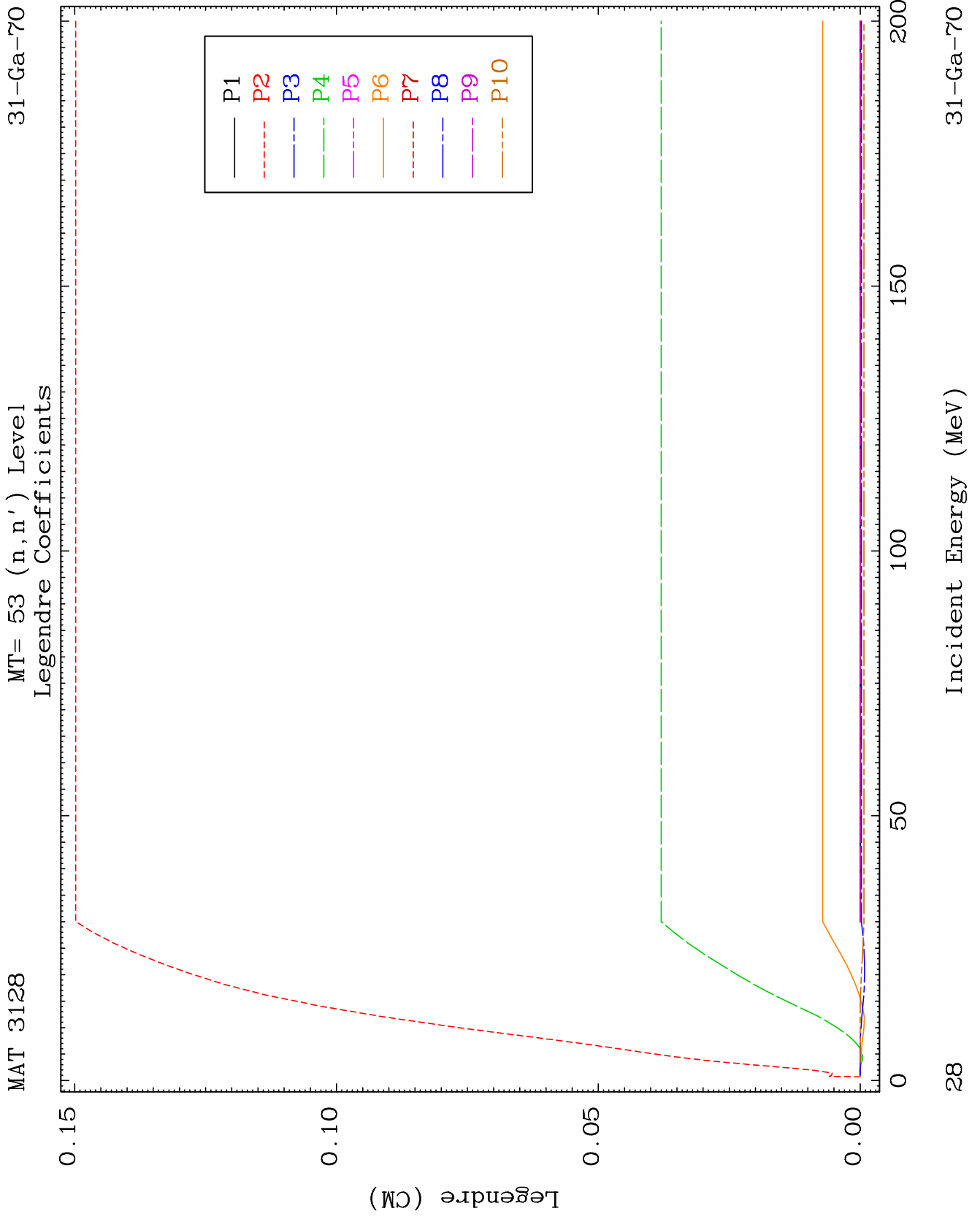
31-Ga-70



27

Incident Energy (MeV)

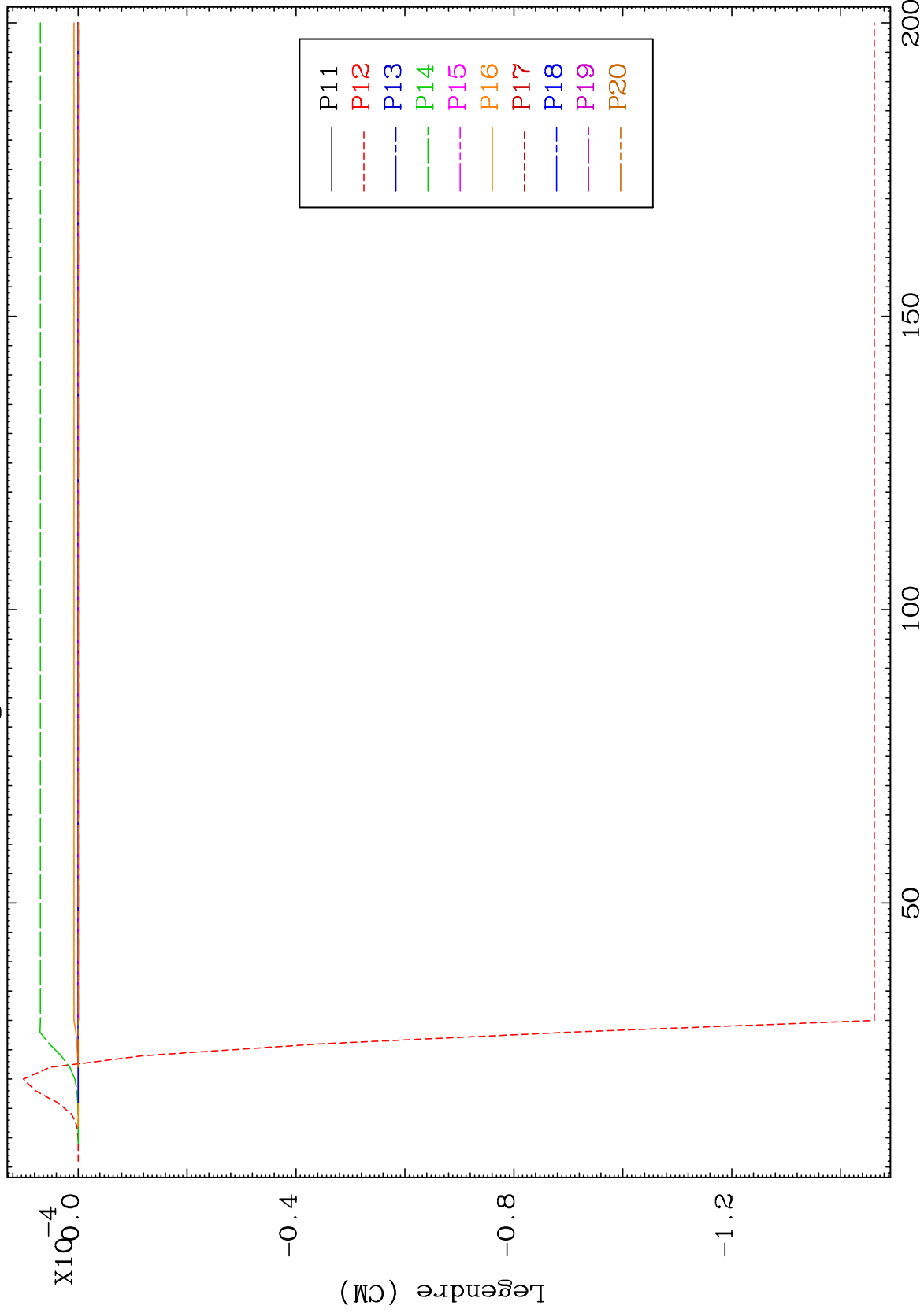
31-Ga-70



MAT 3128

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

31-Ga-70



29

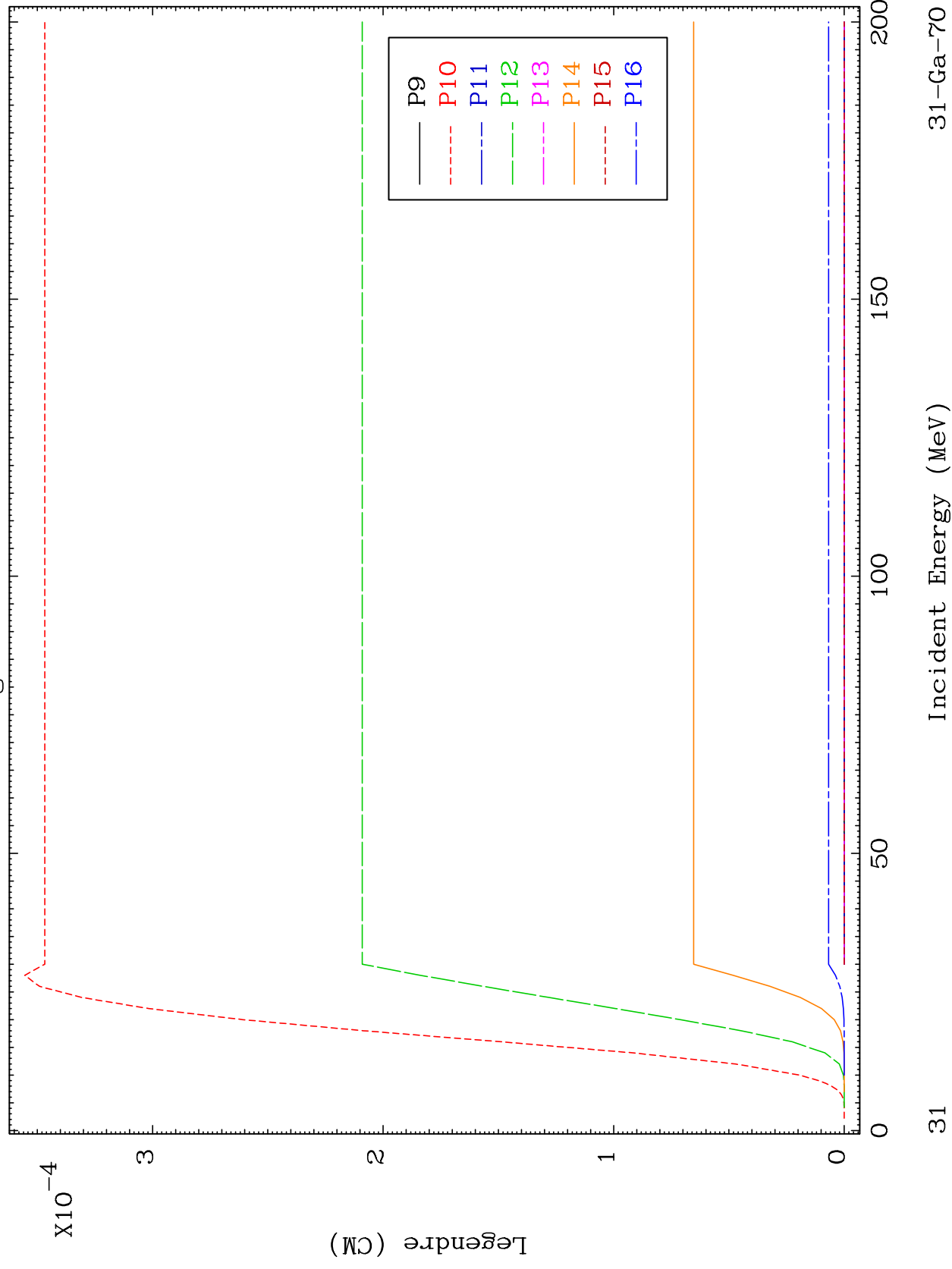
Incident Energy (MeV)

31-Ga-70

MAT 3128

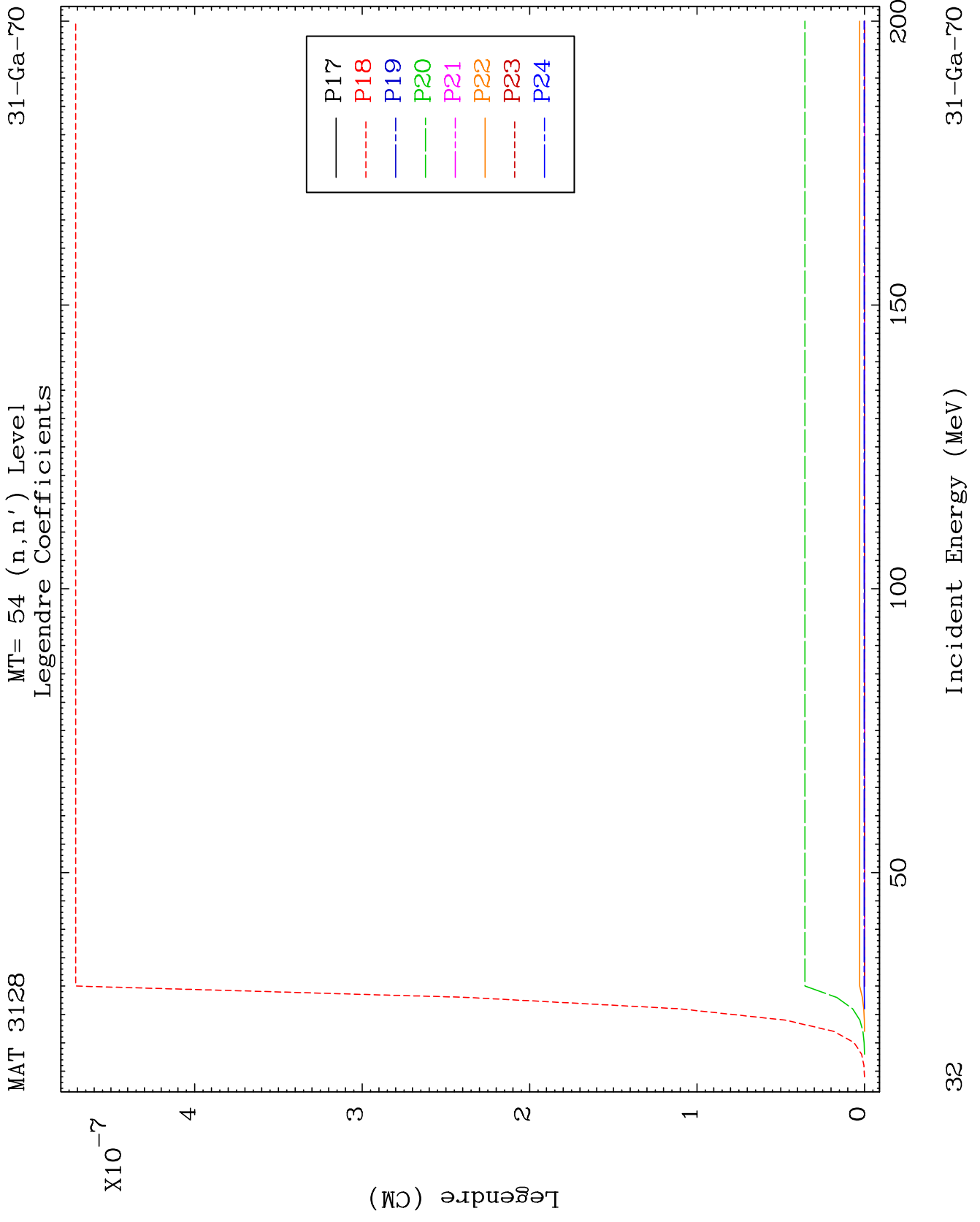
MT= 54 (n,n') Level
Legendre Coefficients

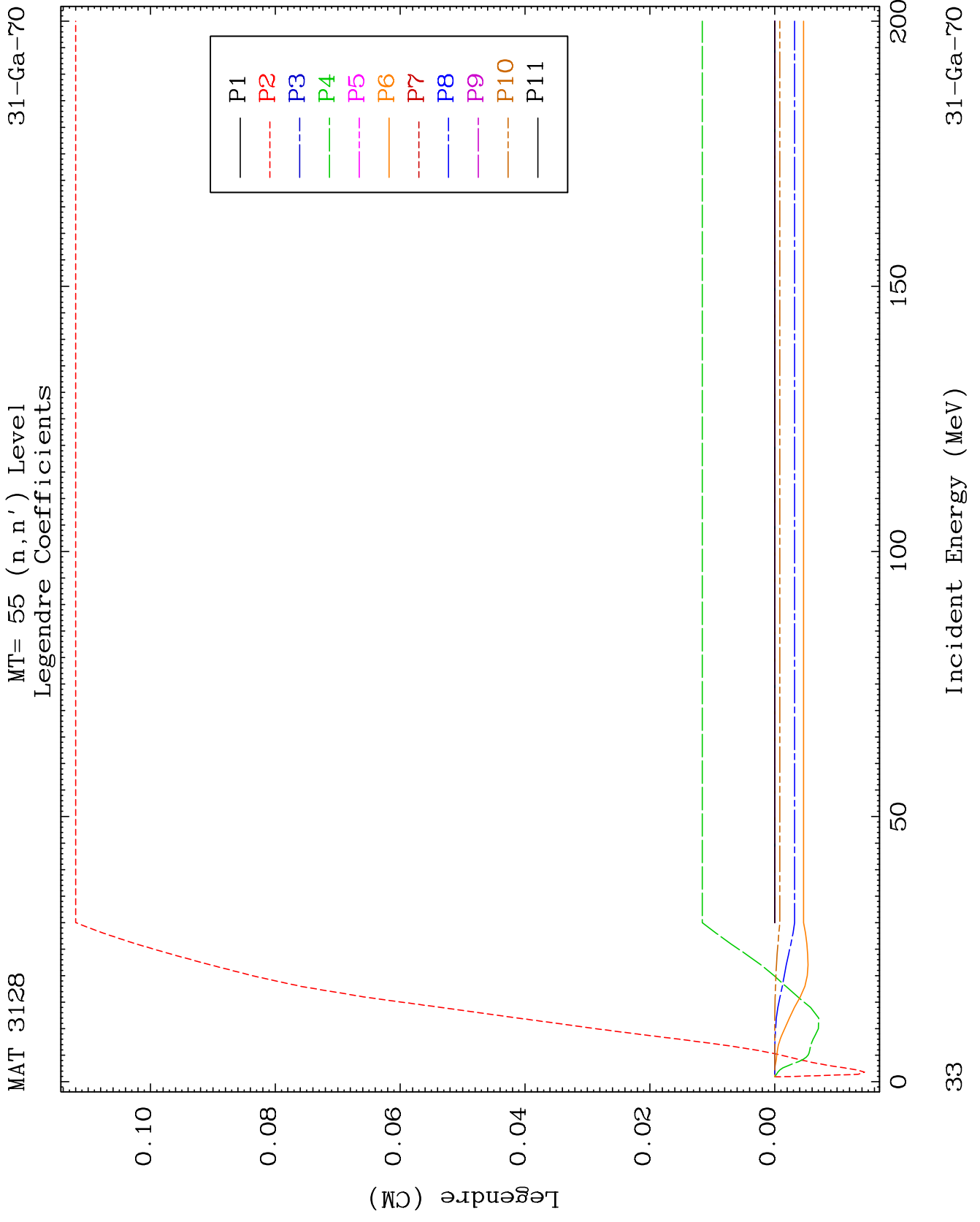
31-Ga-70



31

31-Ga-70

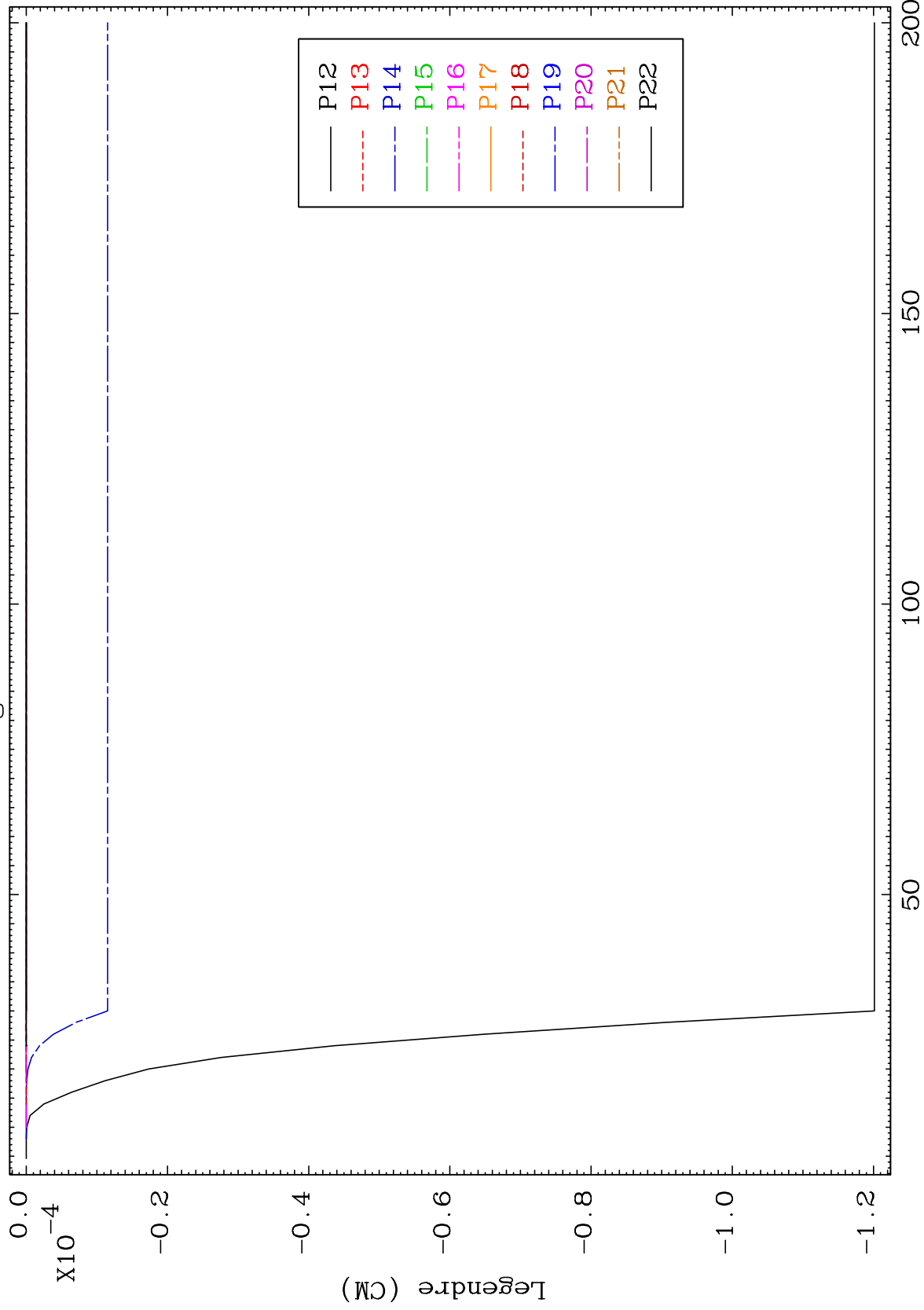




MAT 3128

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

31-Ga-70



34

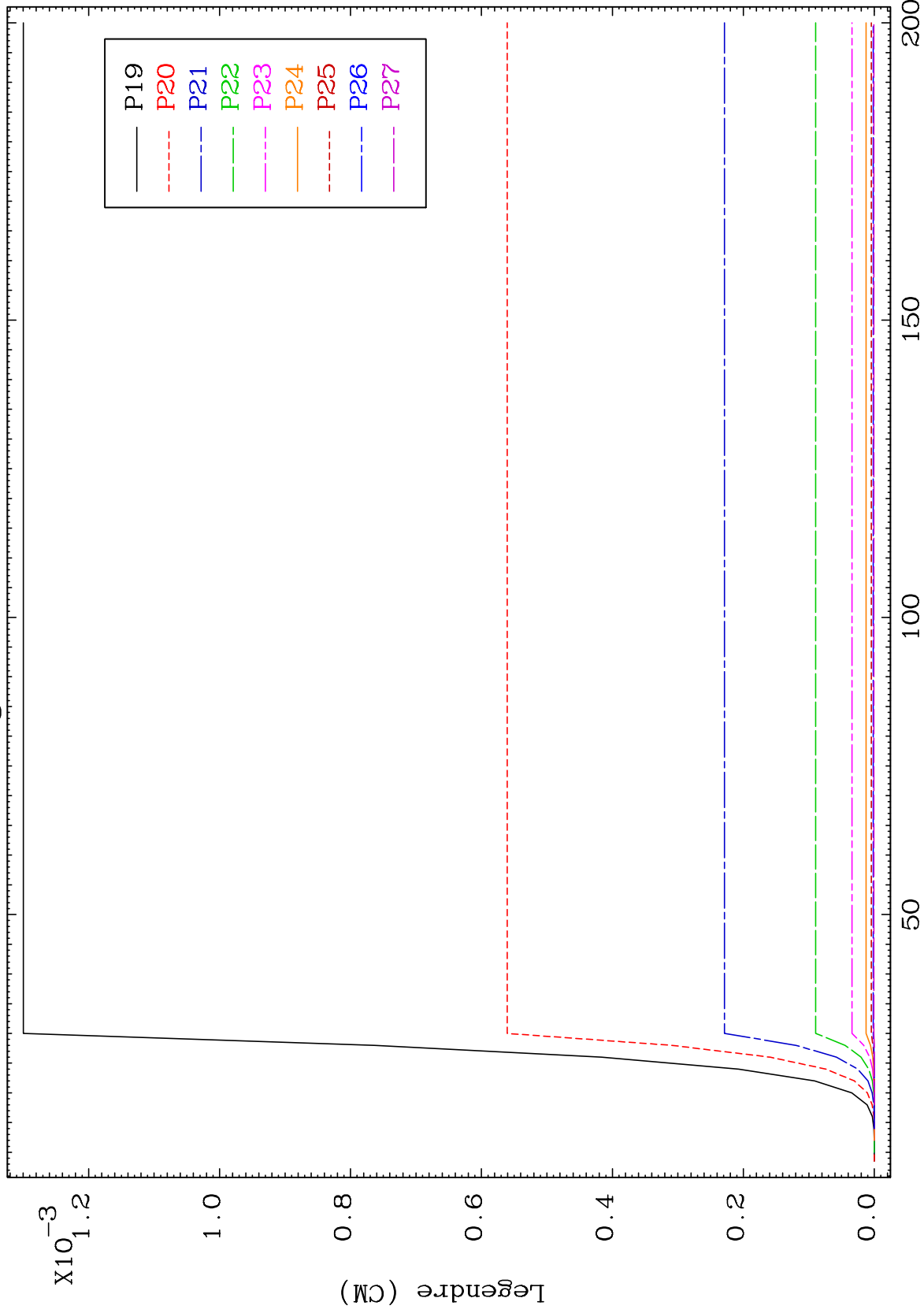
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



37

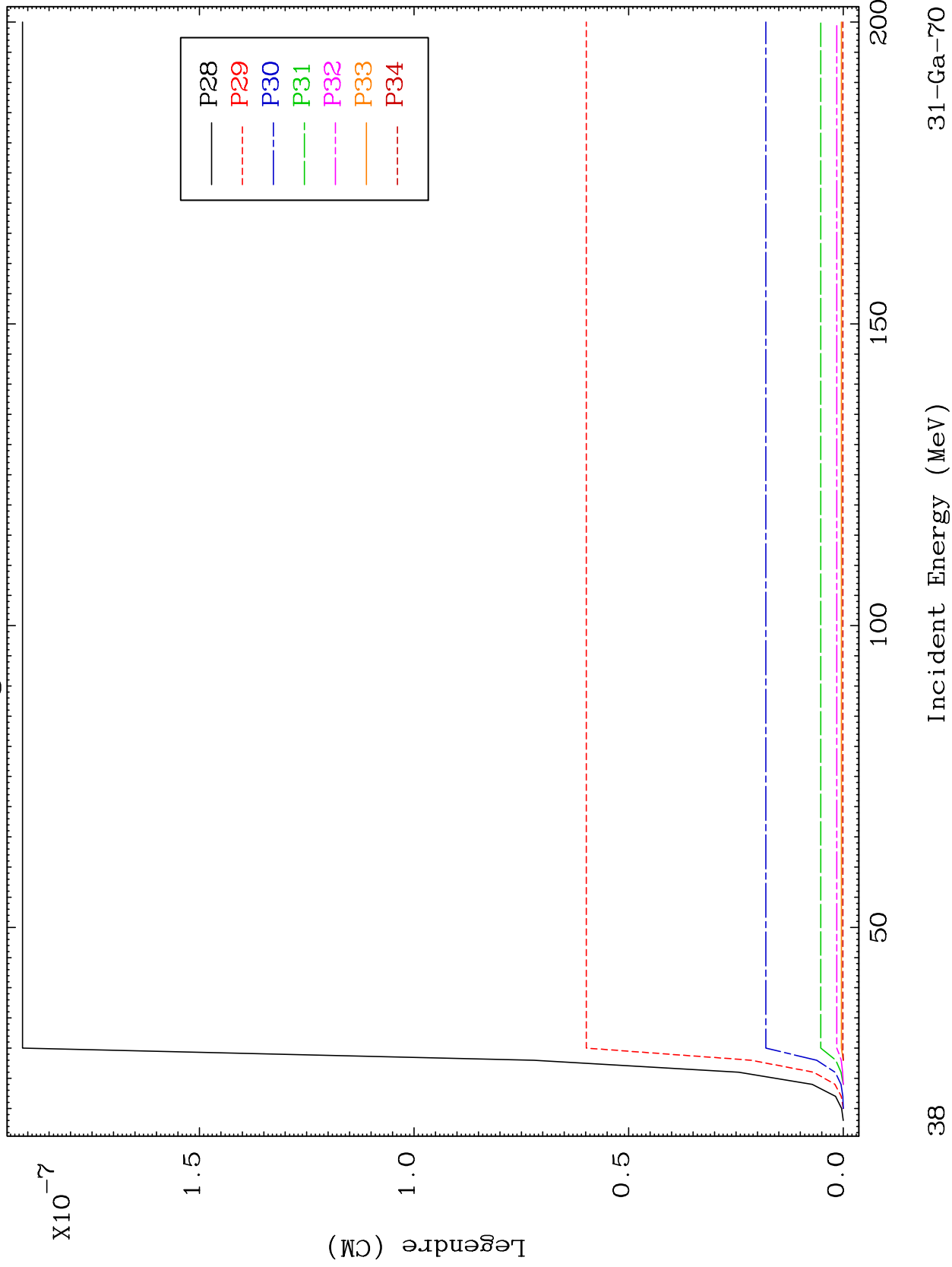
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



38

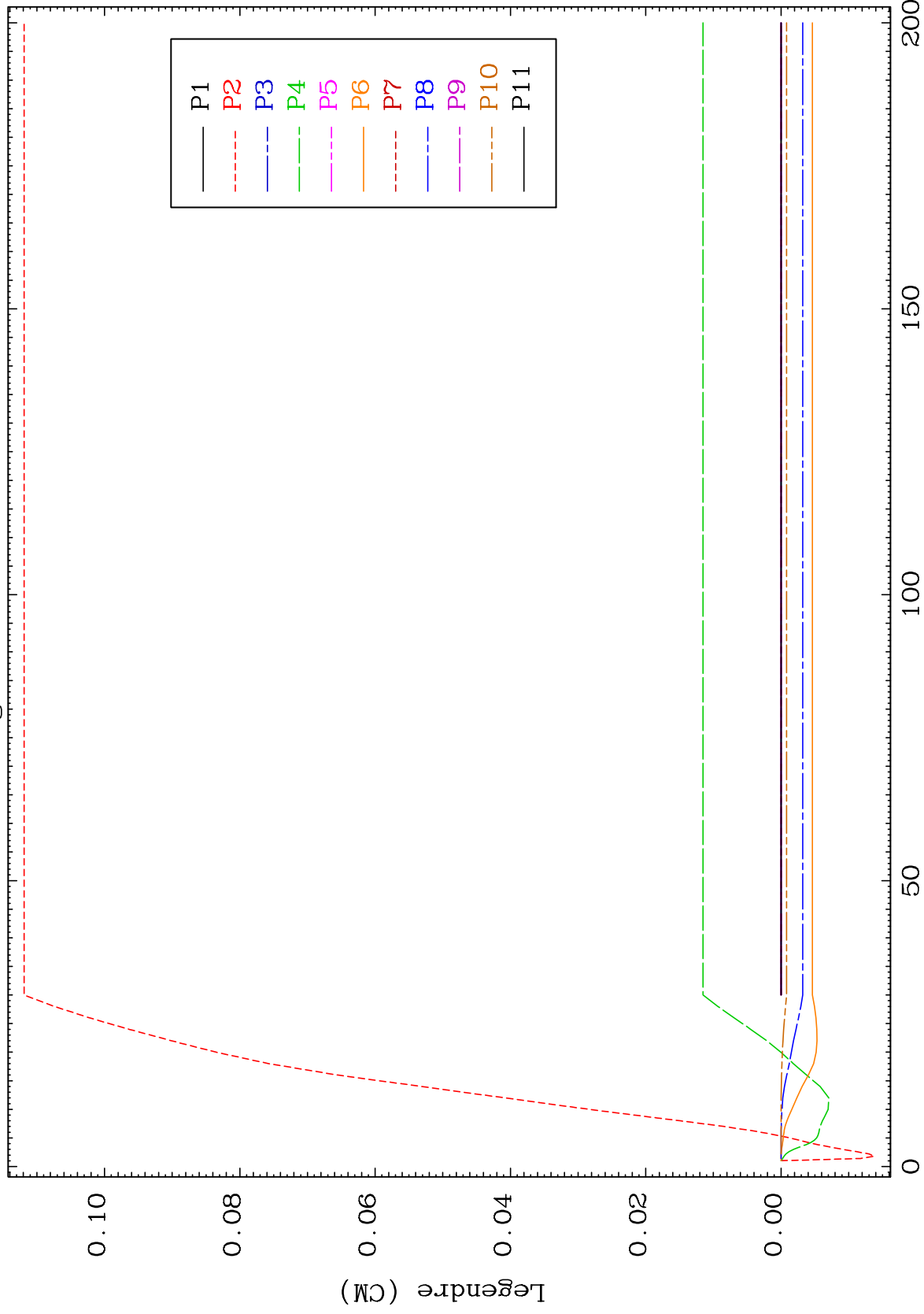
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



39

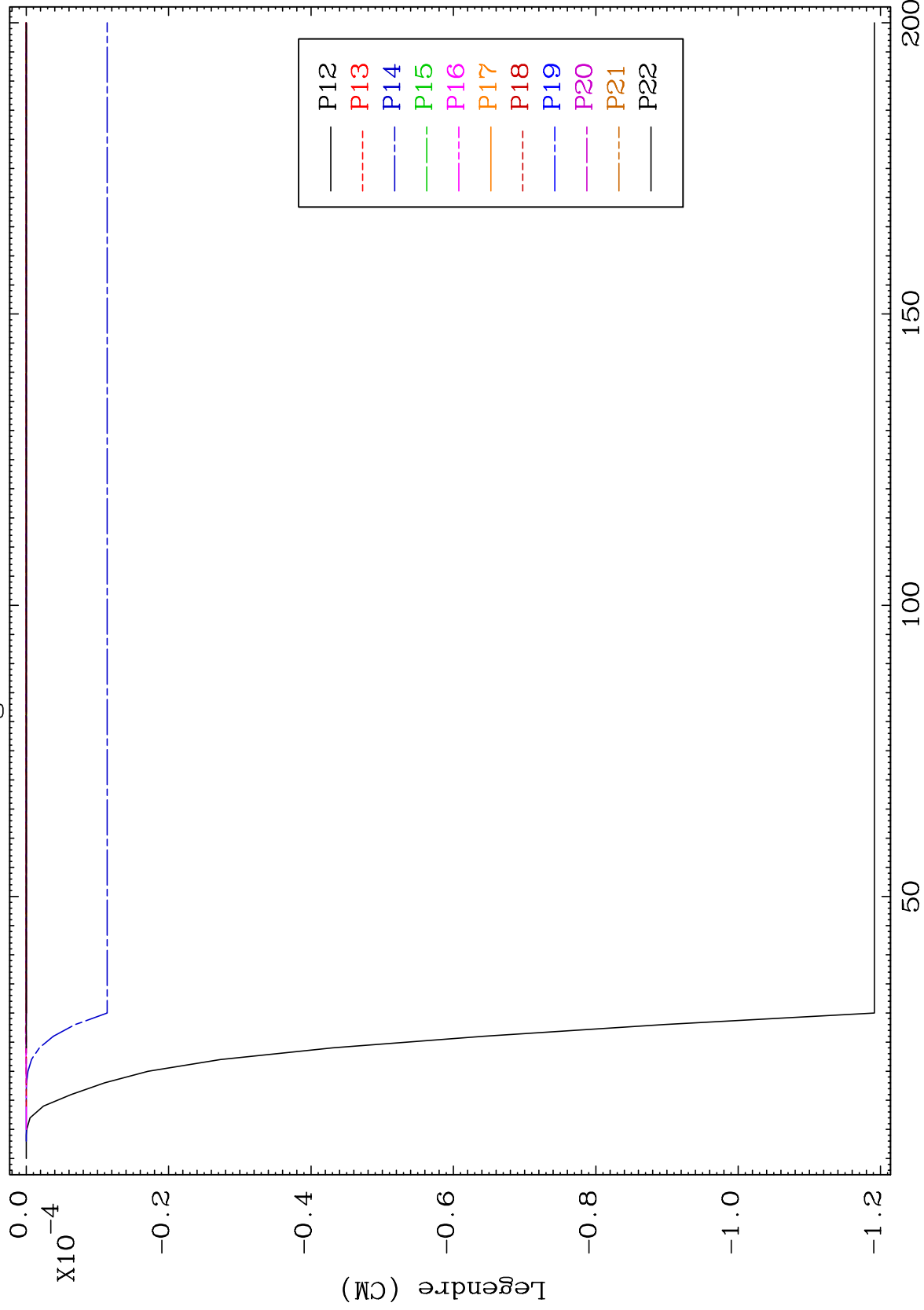
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

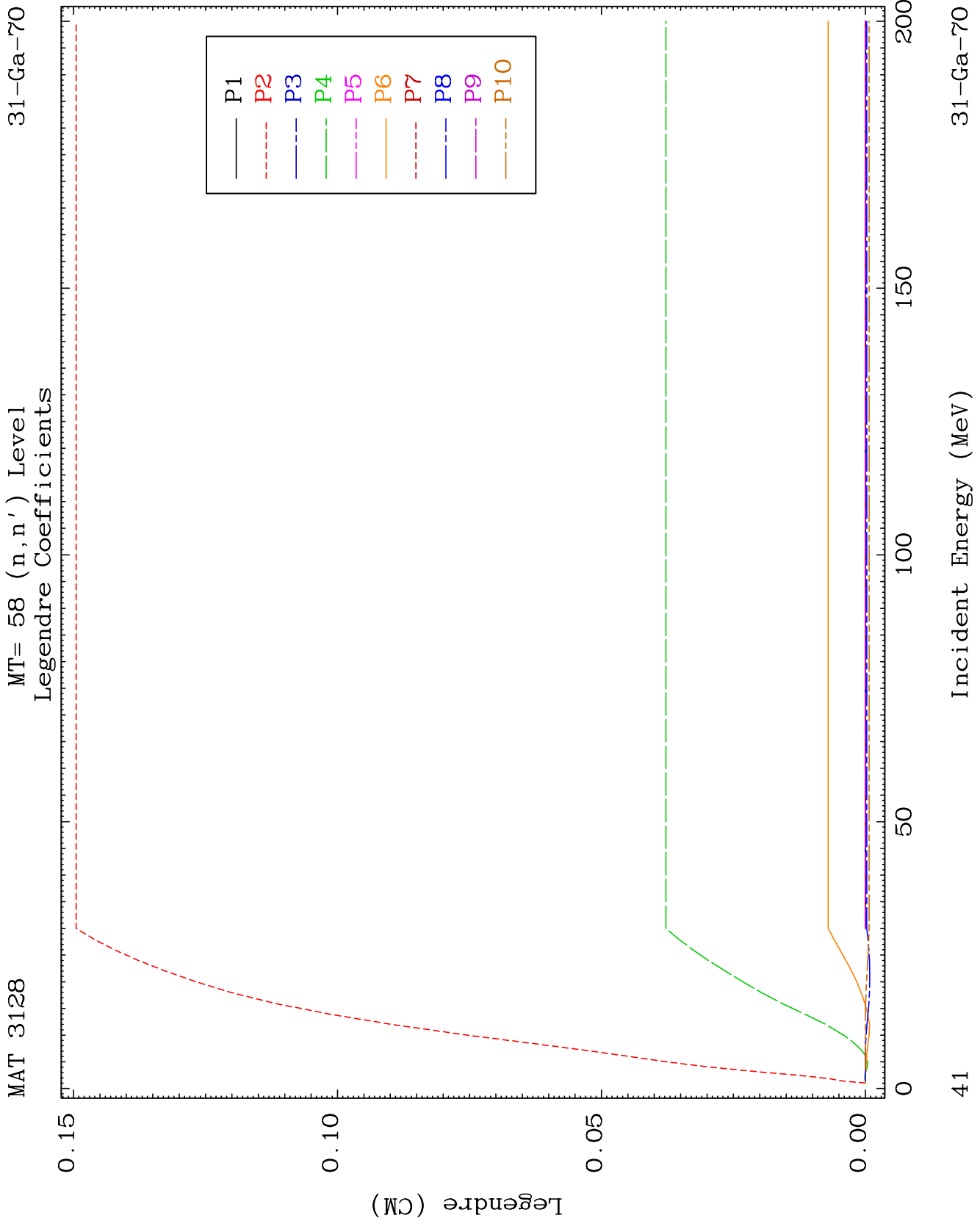
31-Ga-70



40

Incident Energy (MeV)

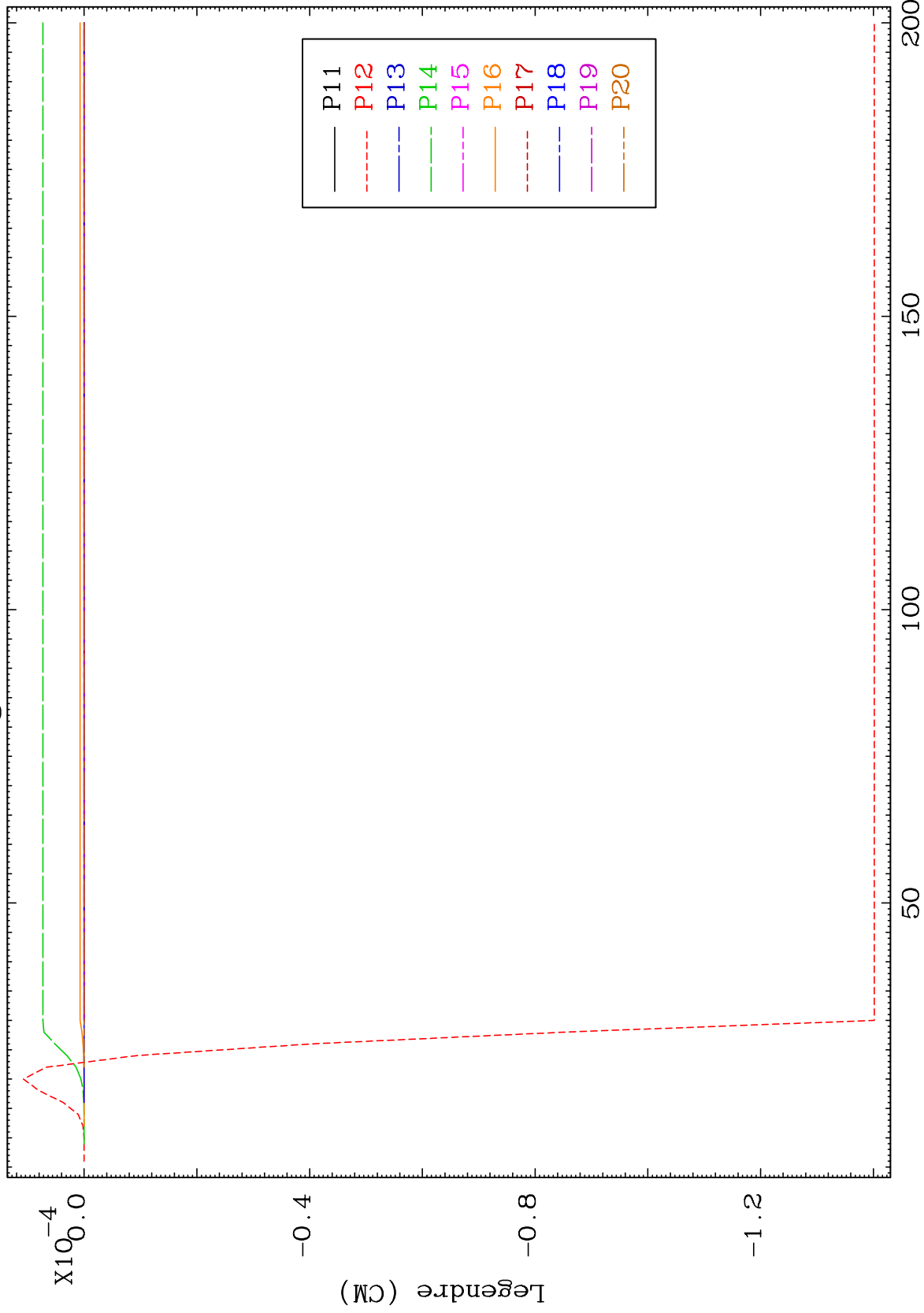
31-Ga-70



MAT 3128

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

31-Ga-70



42

Incident Energy (MeV)

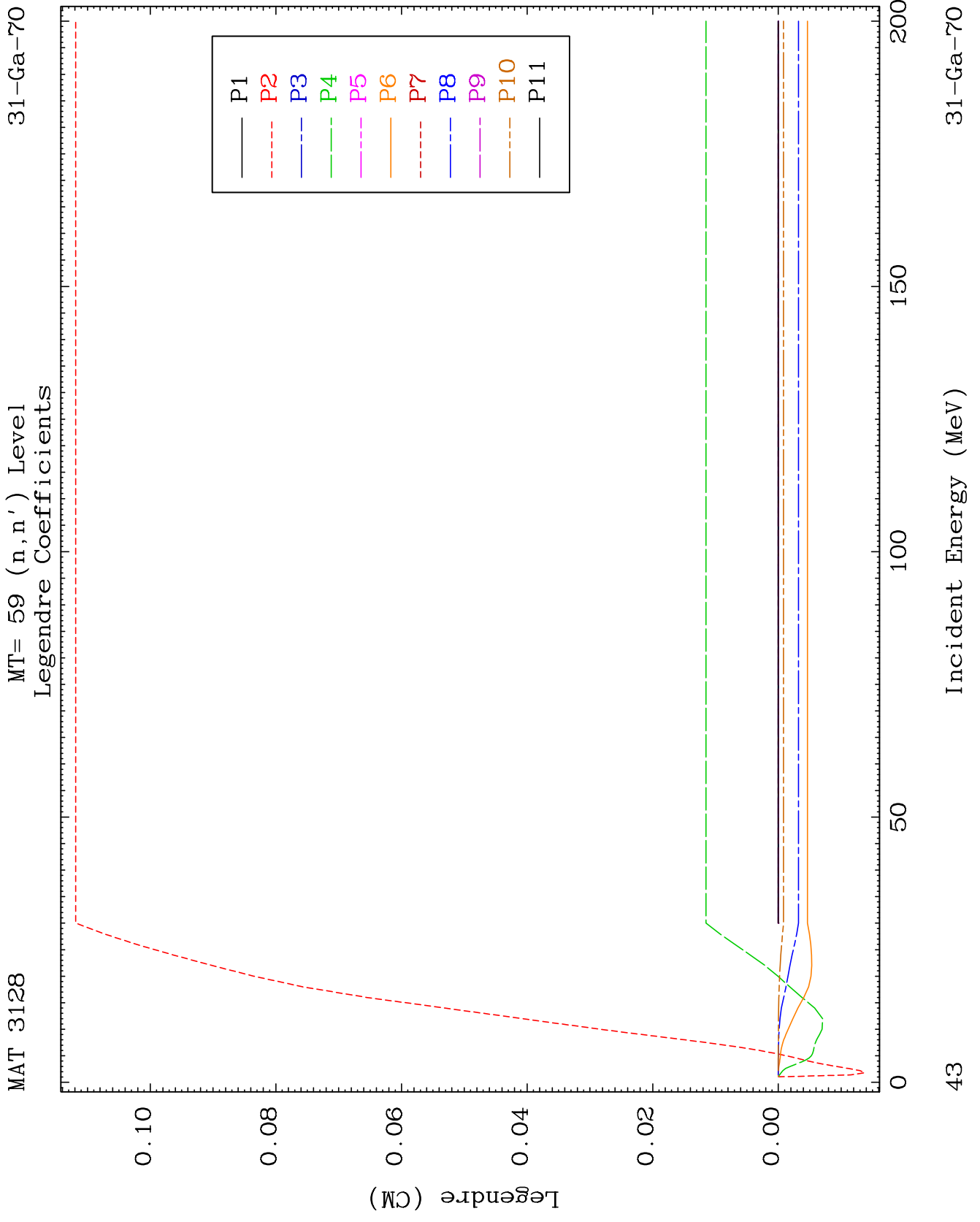
31-Ga-70

200

150

100

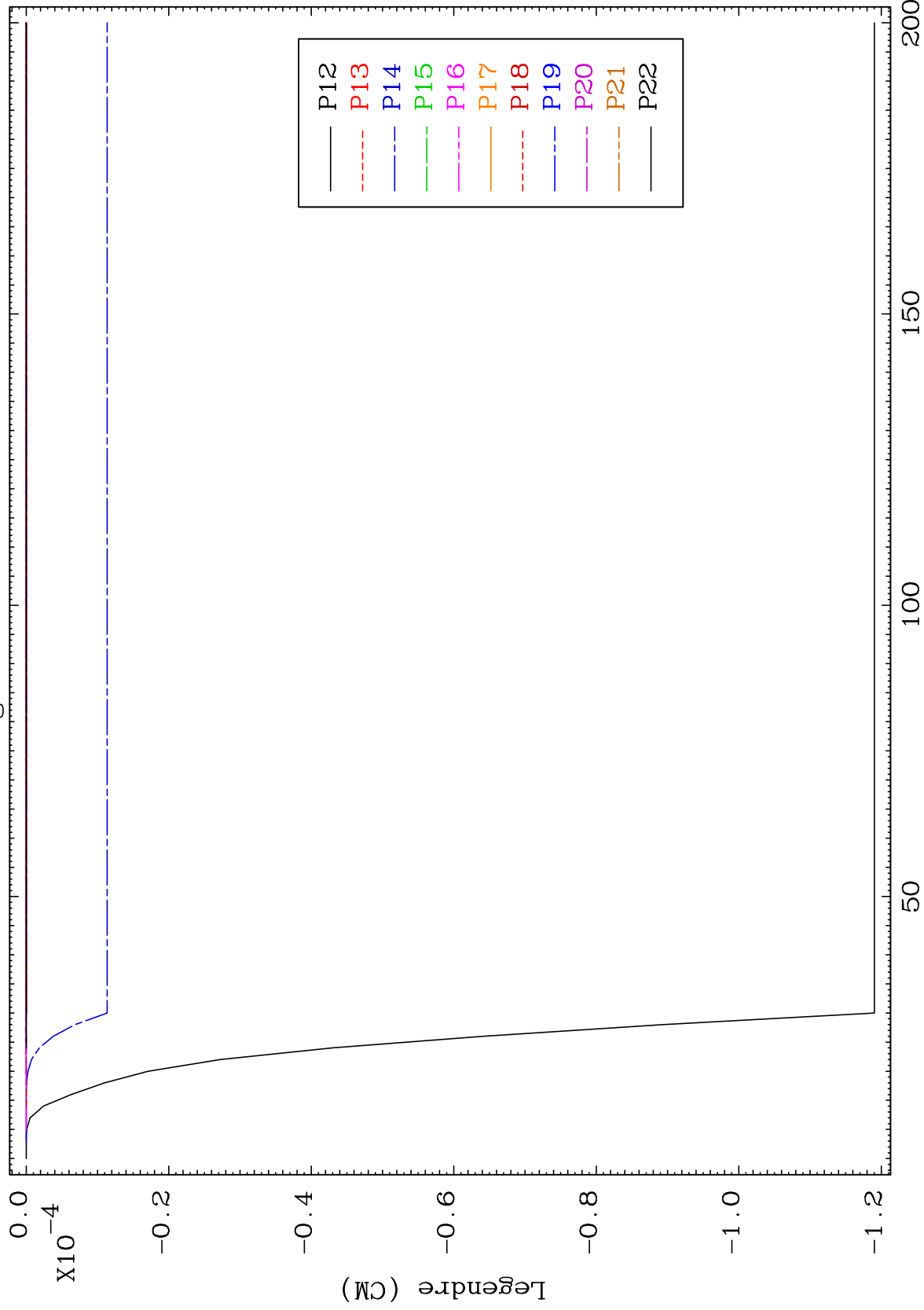
50



MAT 3128

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

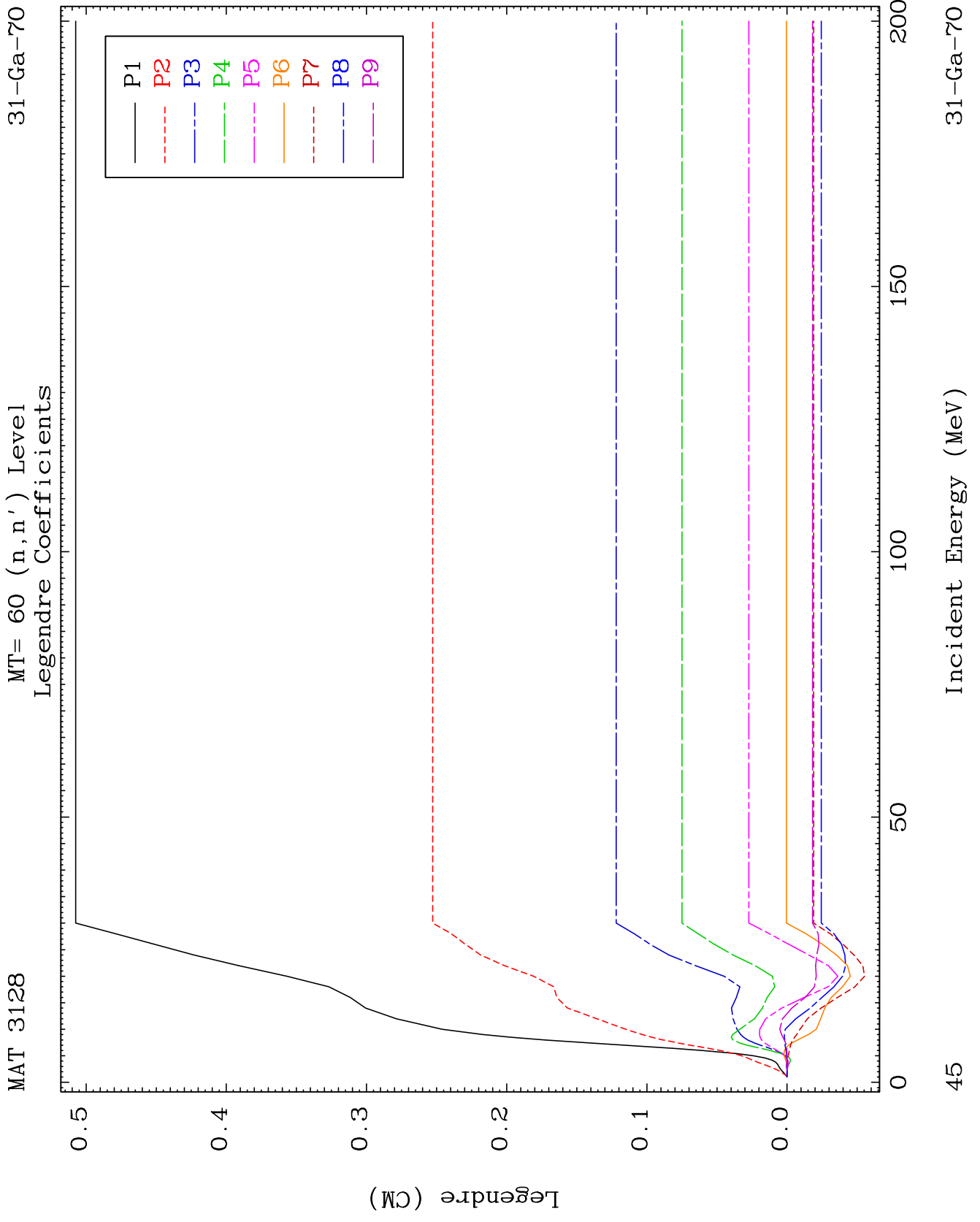
31-Ga-70



44

Incident Energy (MeV)

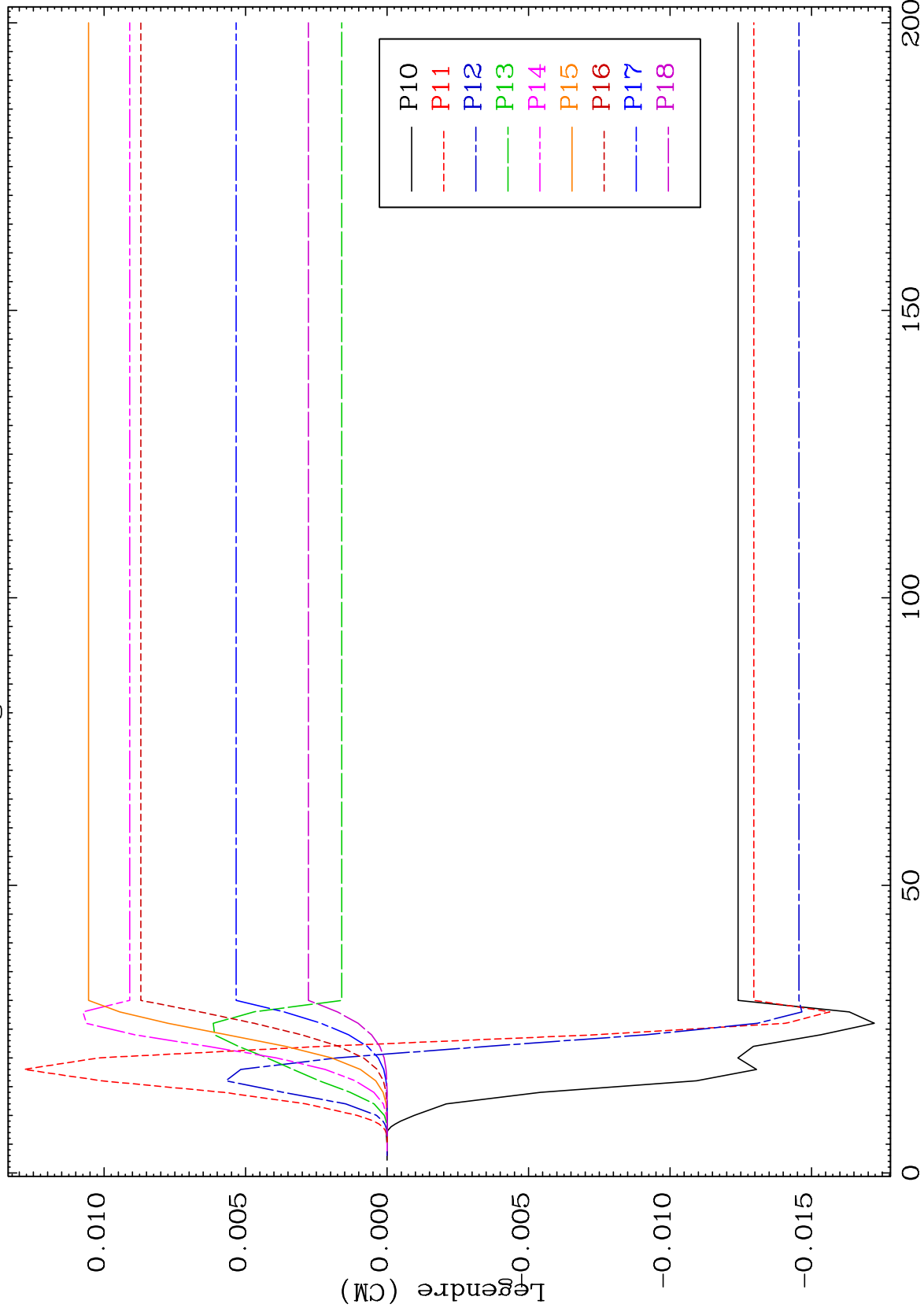
31-Ga-70



MAT 3128

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

31-Ga-70



46

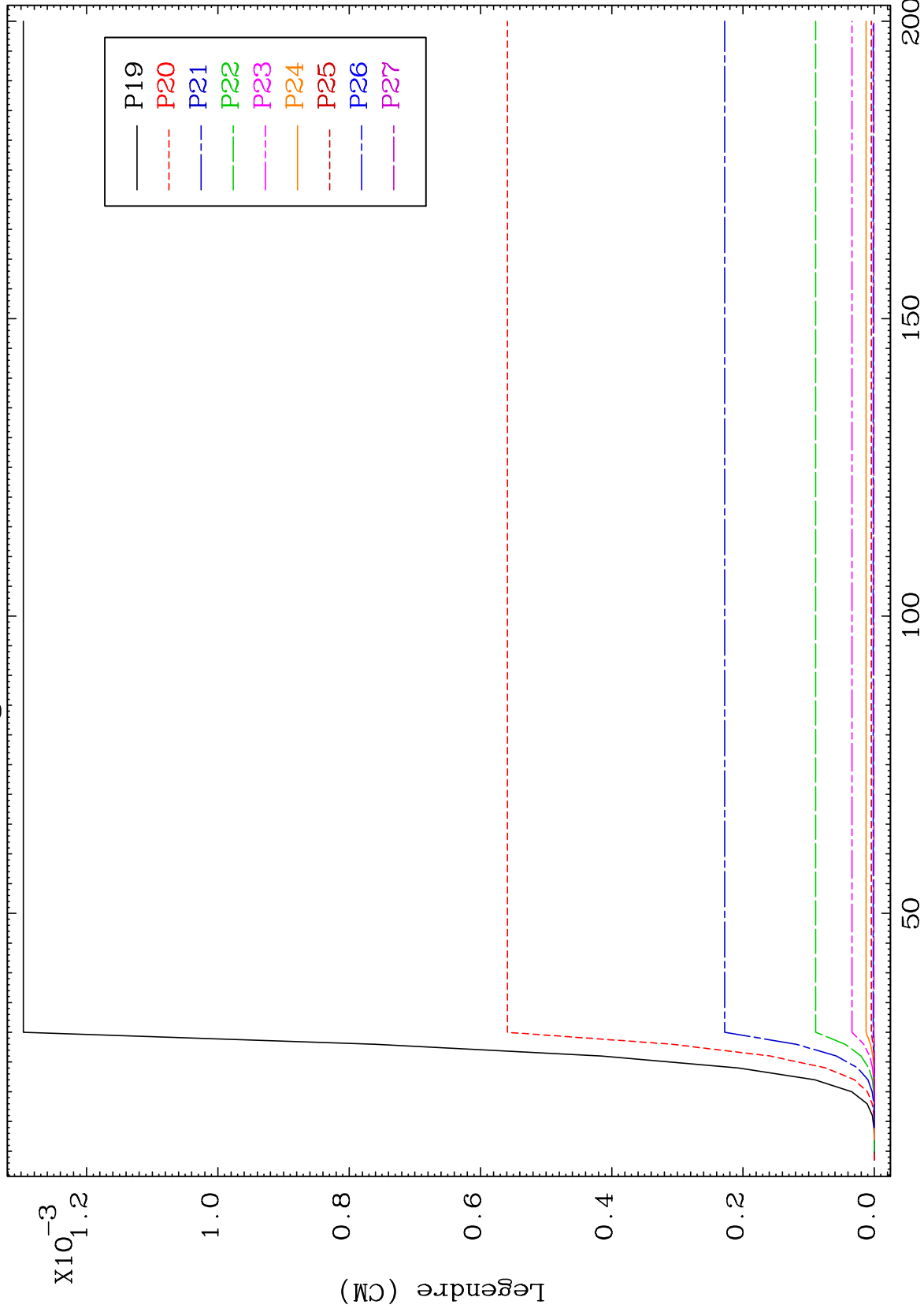
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

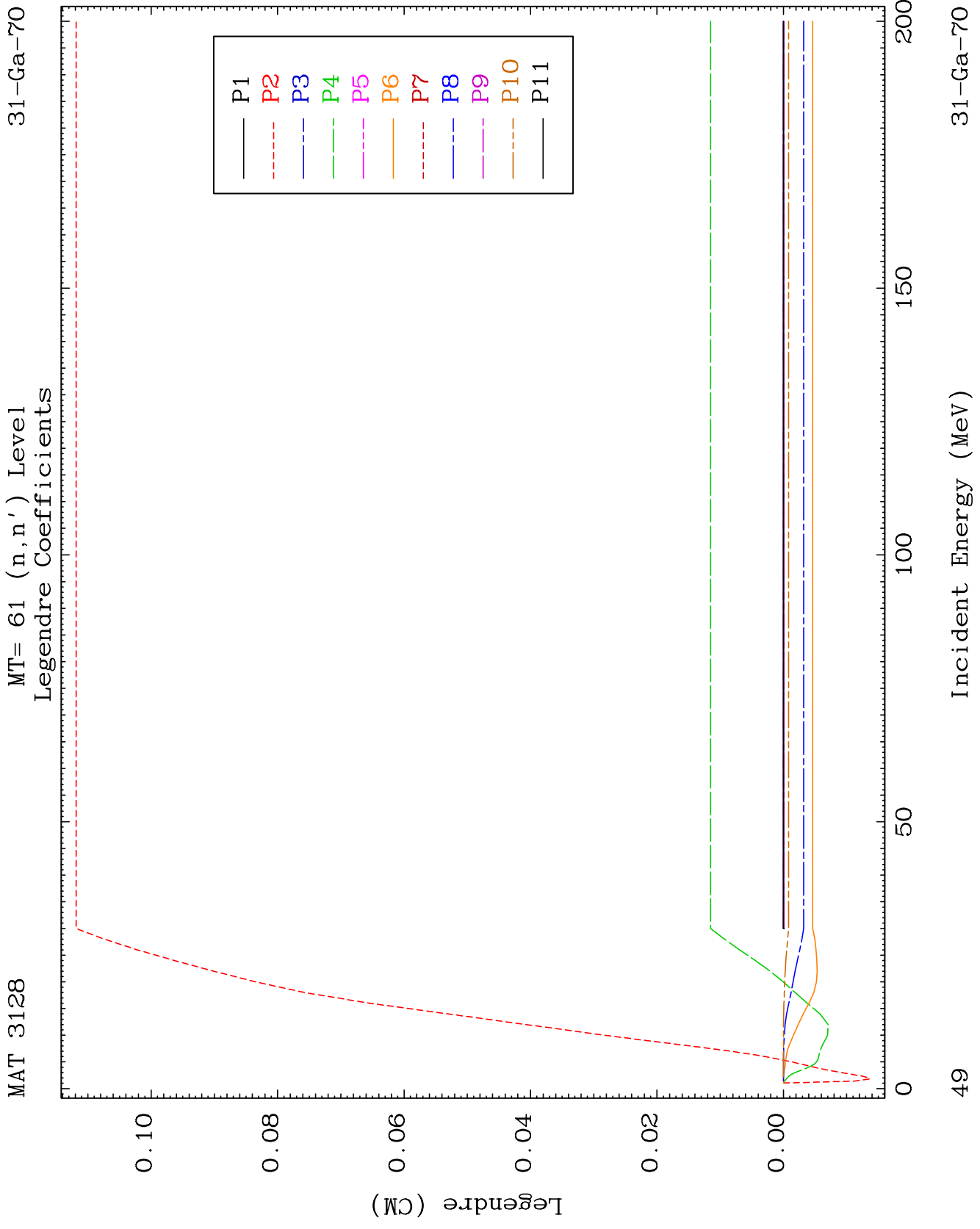
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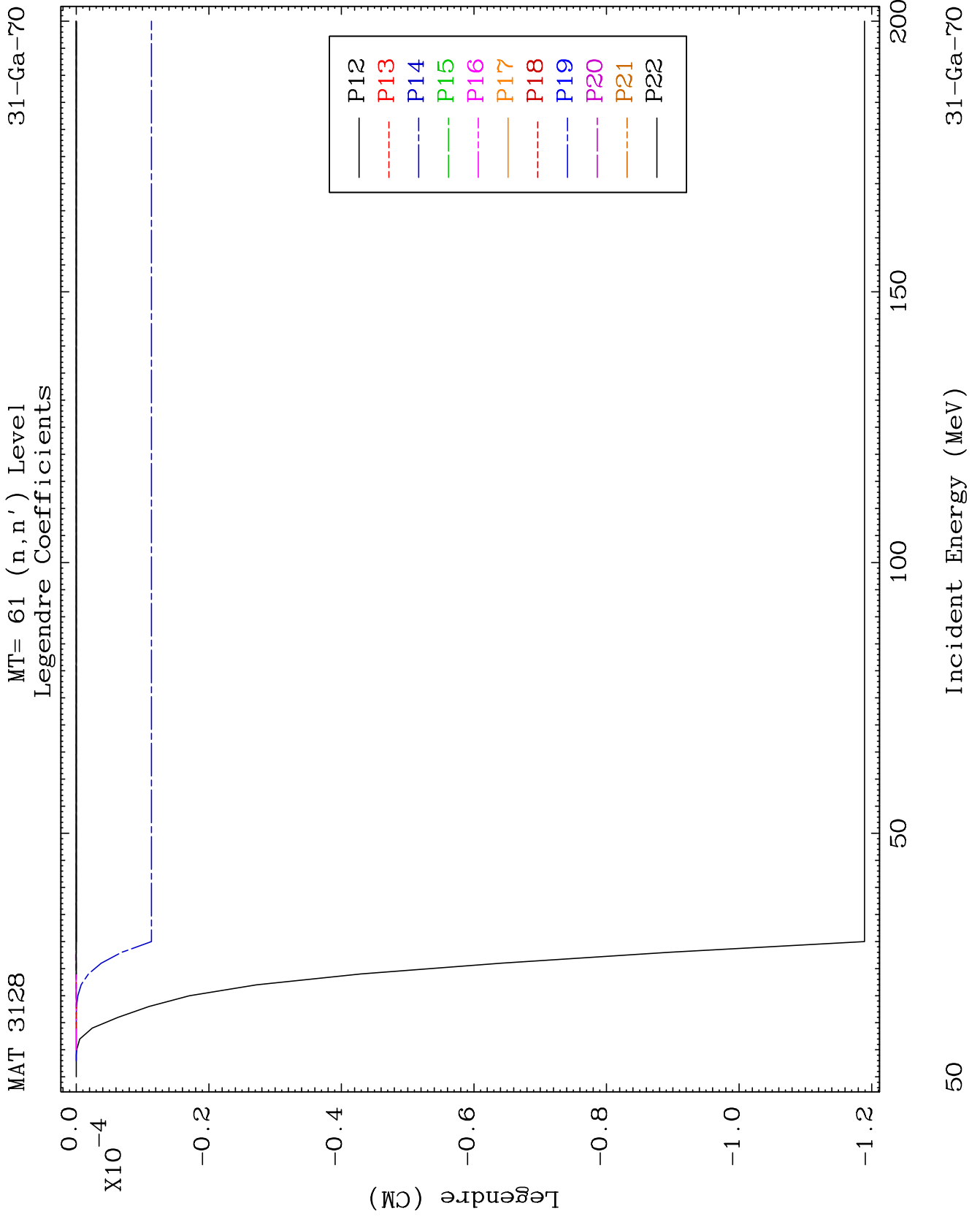


47

Incident Energy (MeV)

31-Ga-70

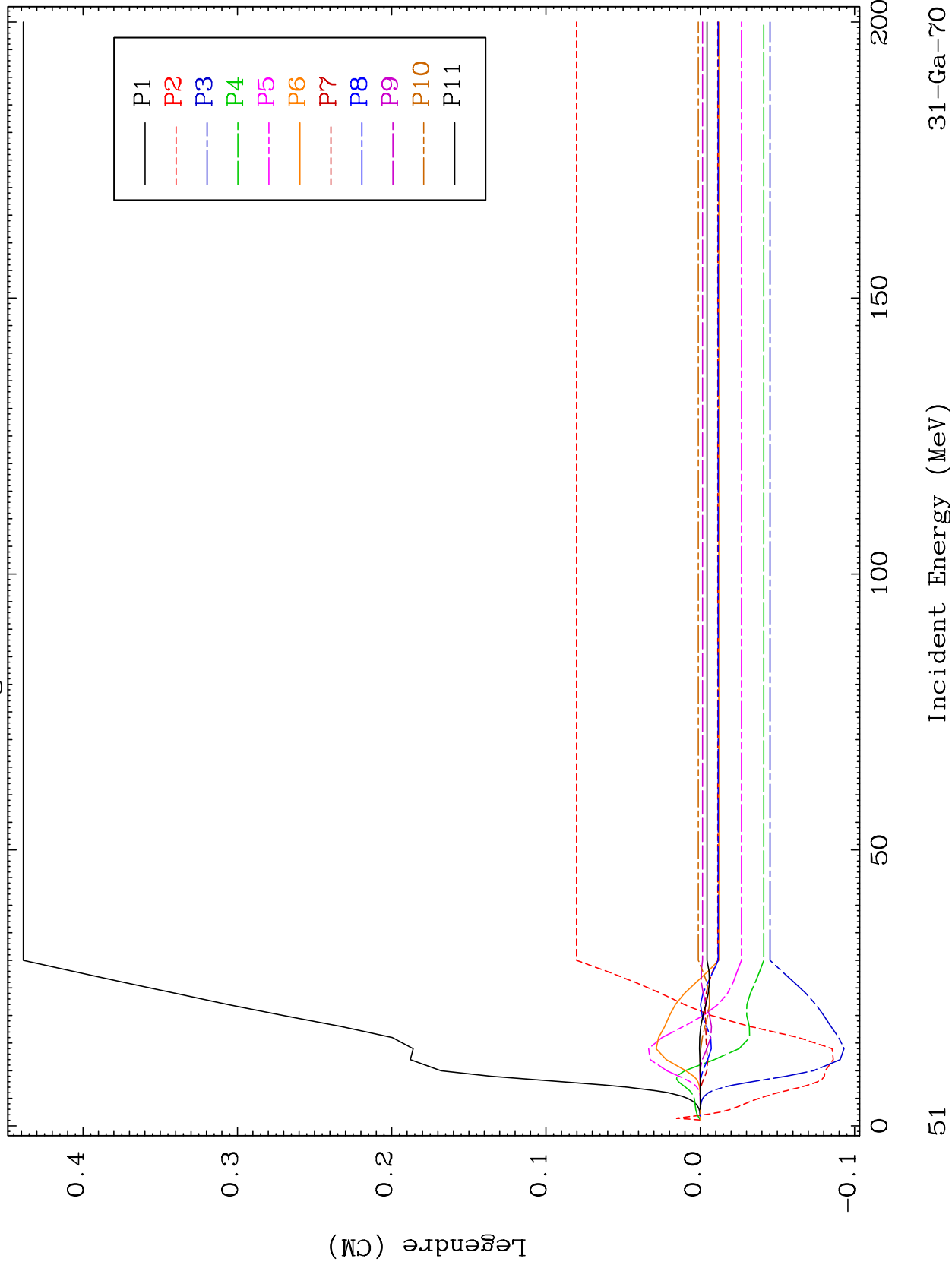




MAT 3128

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

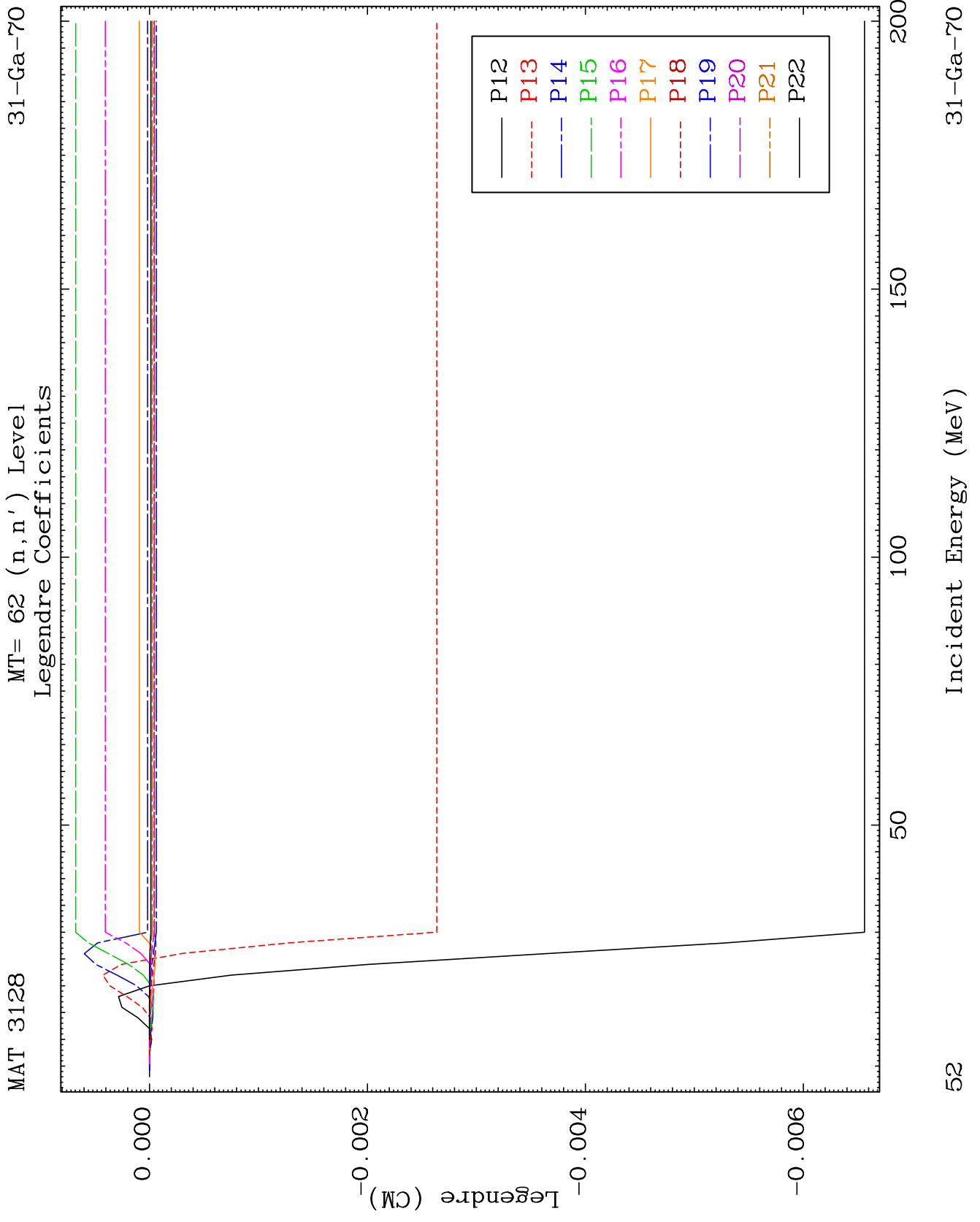
31-Ga-70

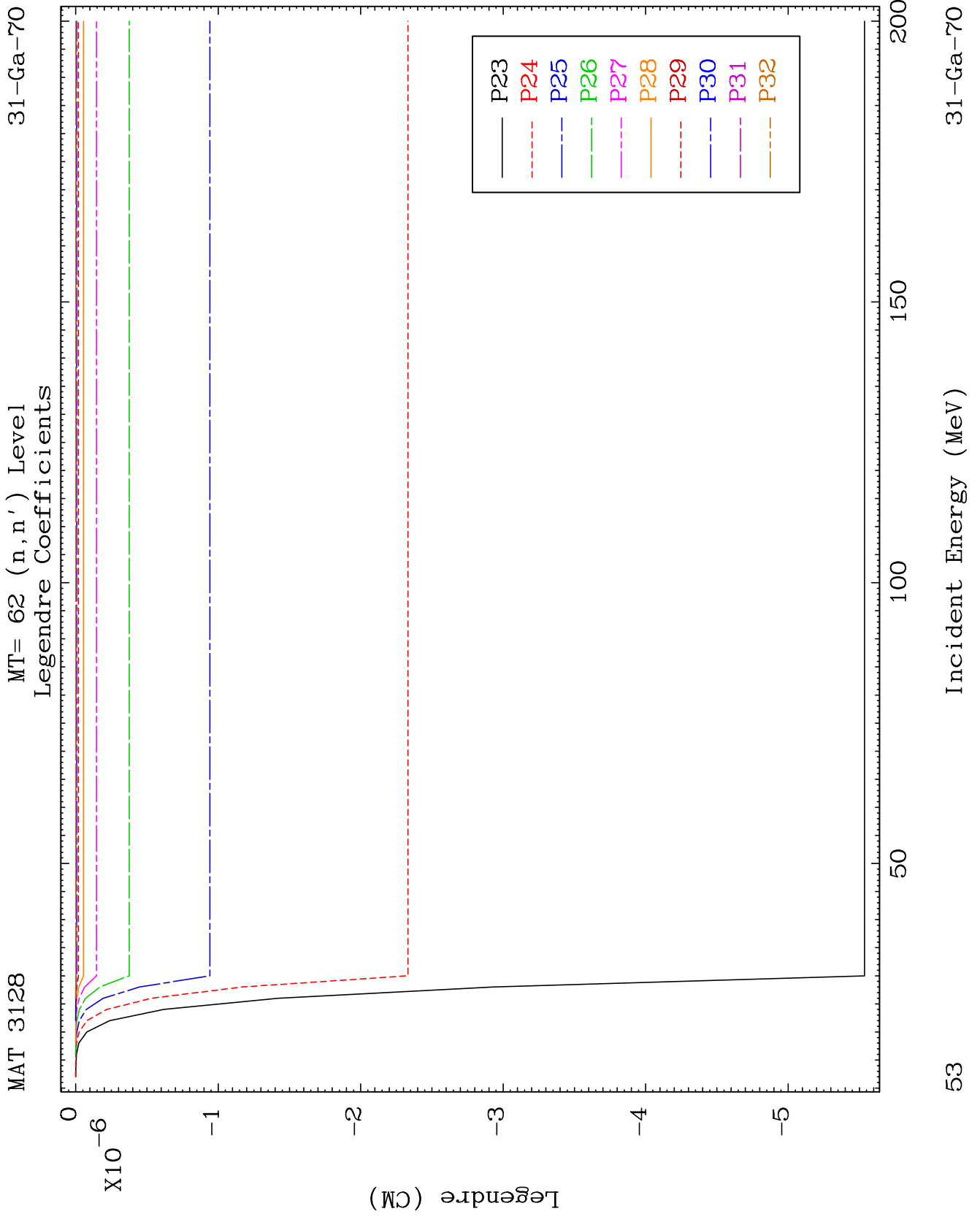


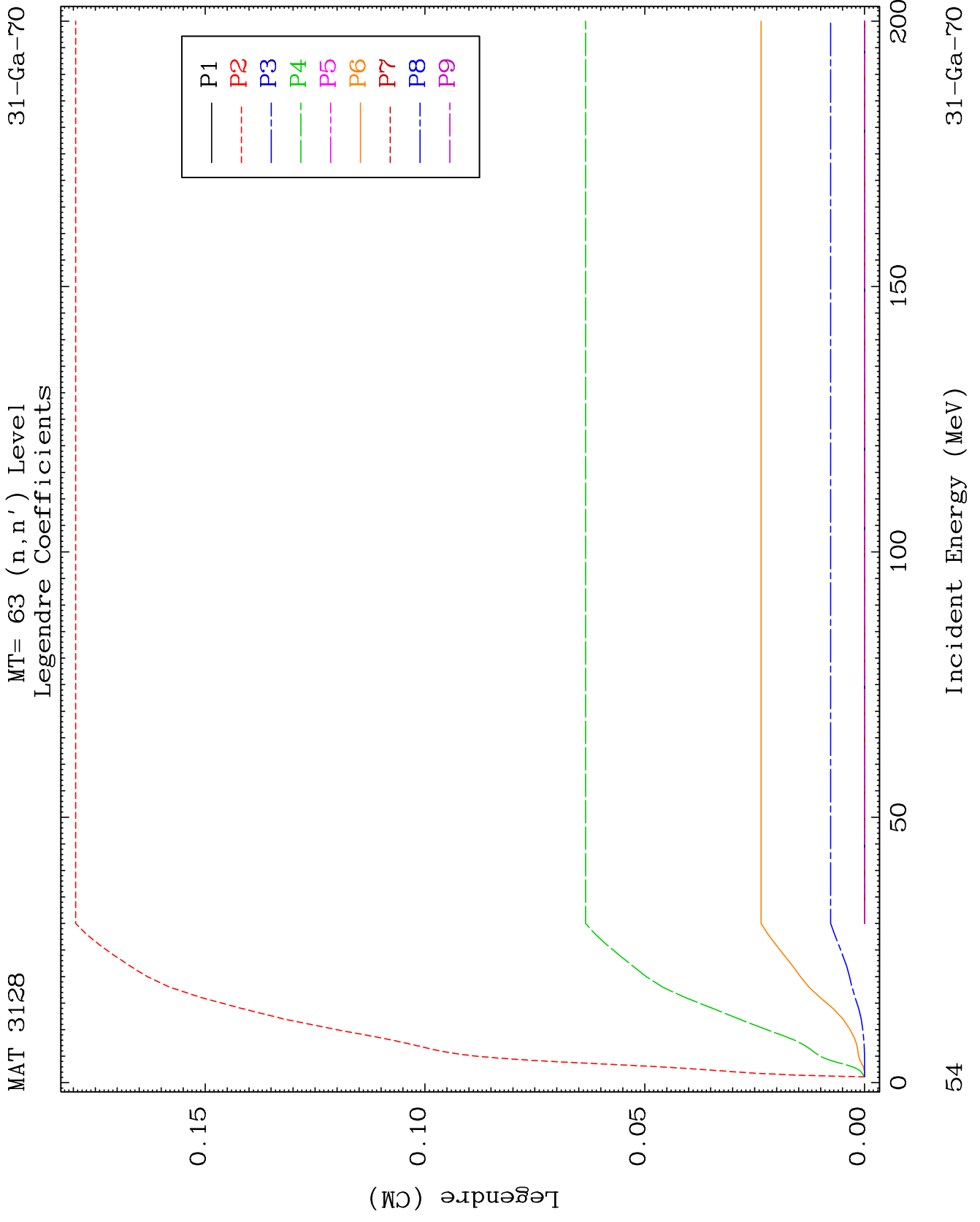
31-Ga-70

Incident Energy (MeV)

51



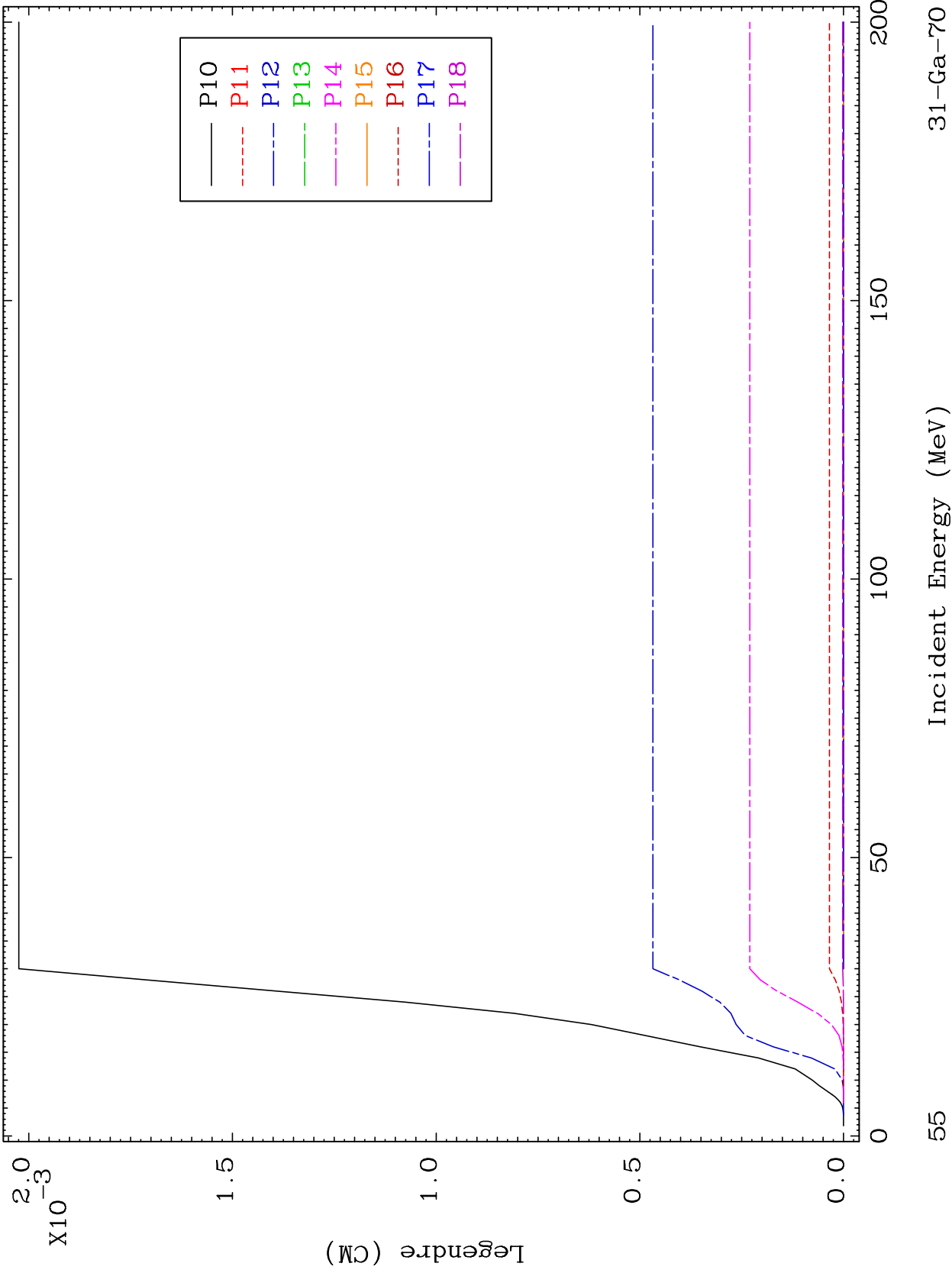


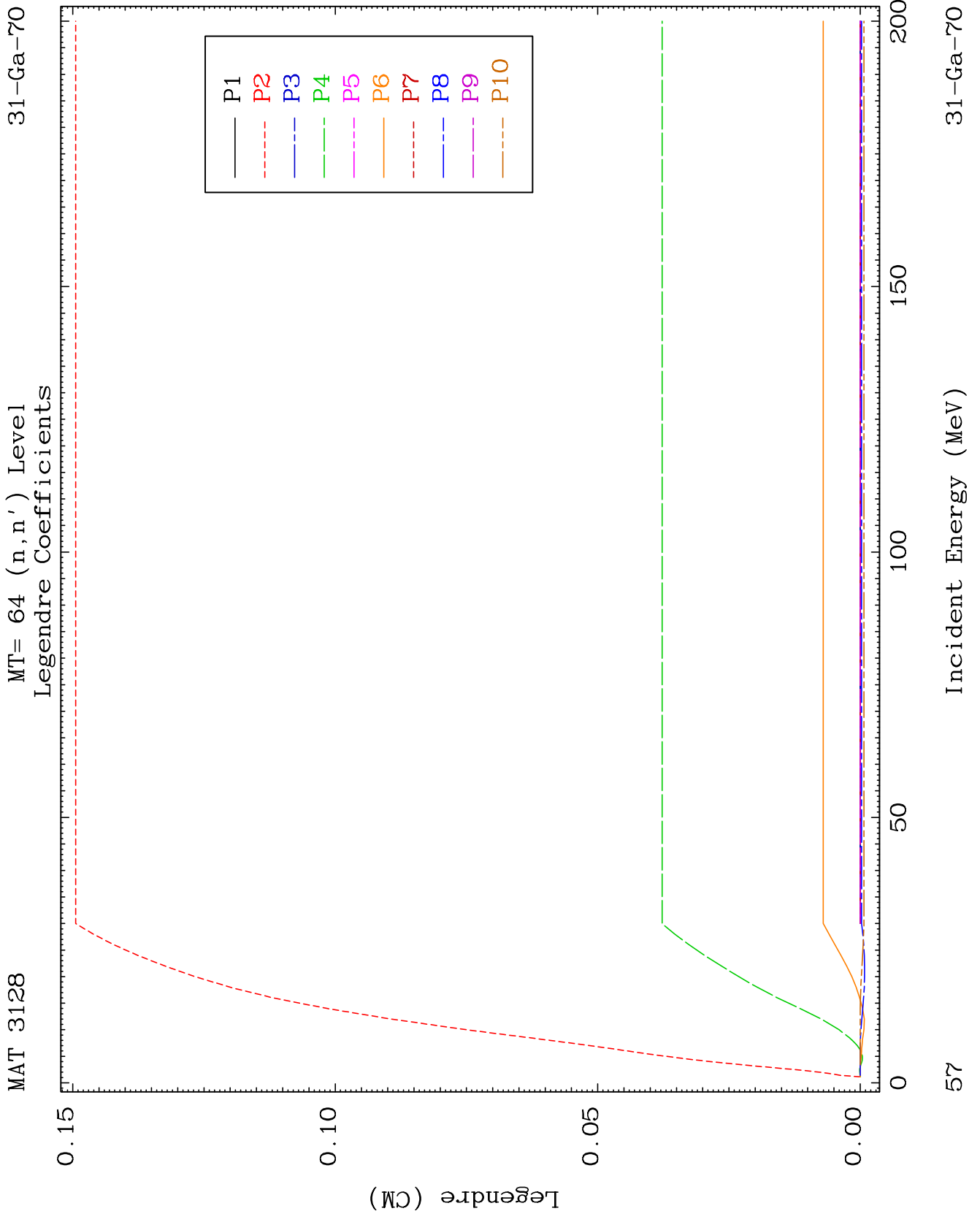


MAT 3128

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

³¹Ga-70

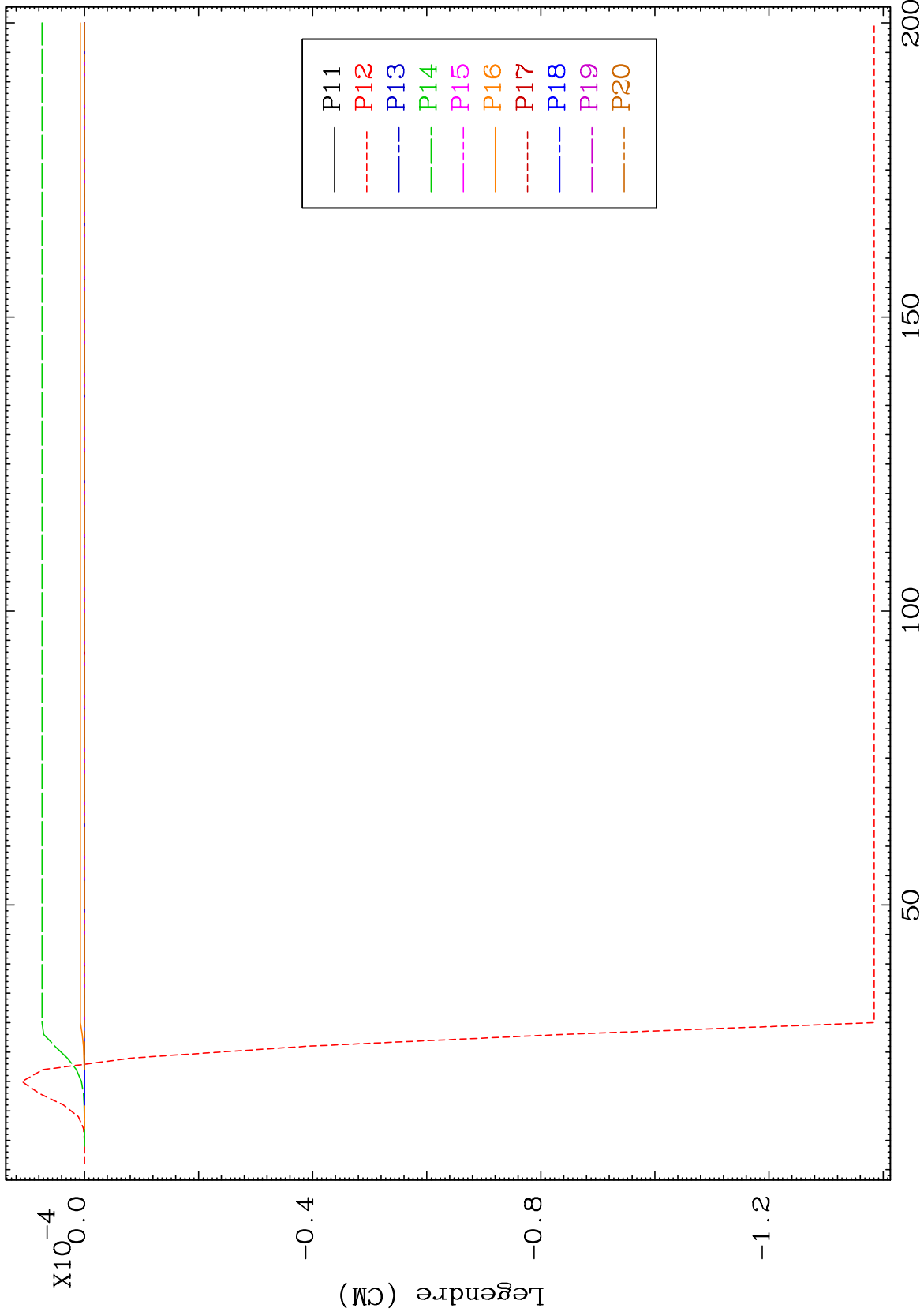




MAT 3128

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

31-Ga-70



58

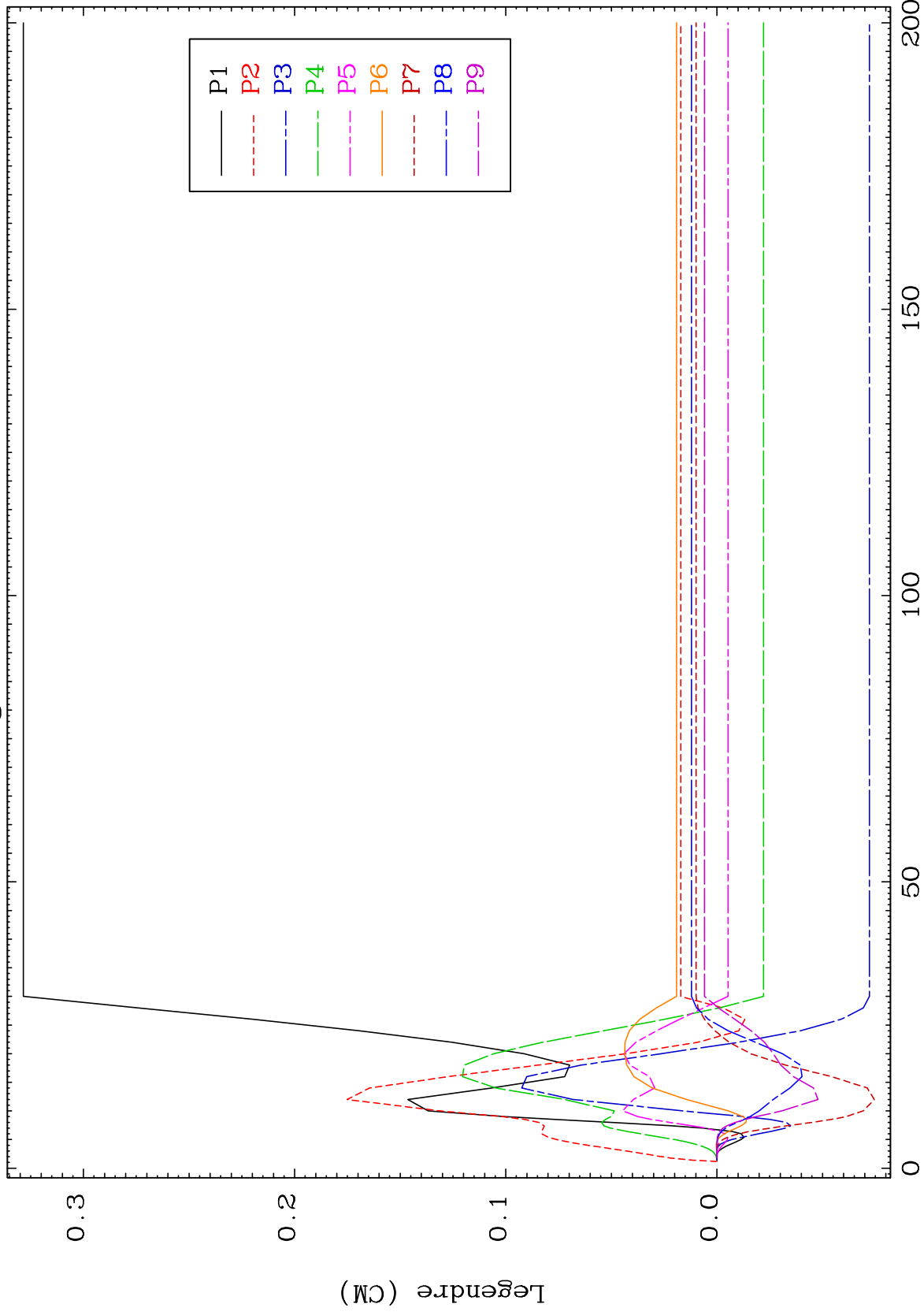
31-Ga-70

31-Ga-70

MAT 3128

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

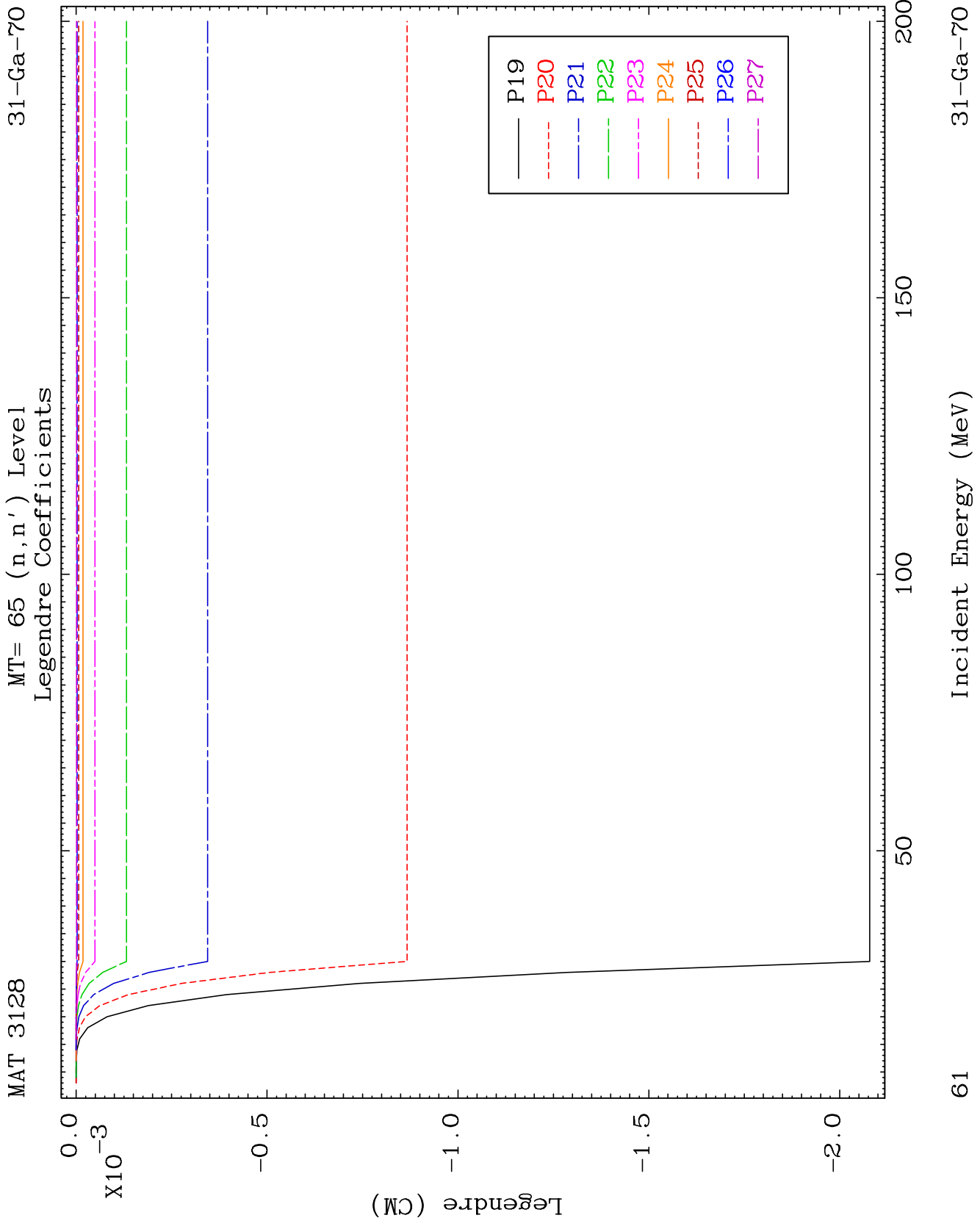
31-Ga-70

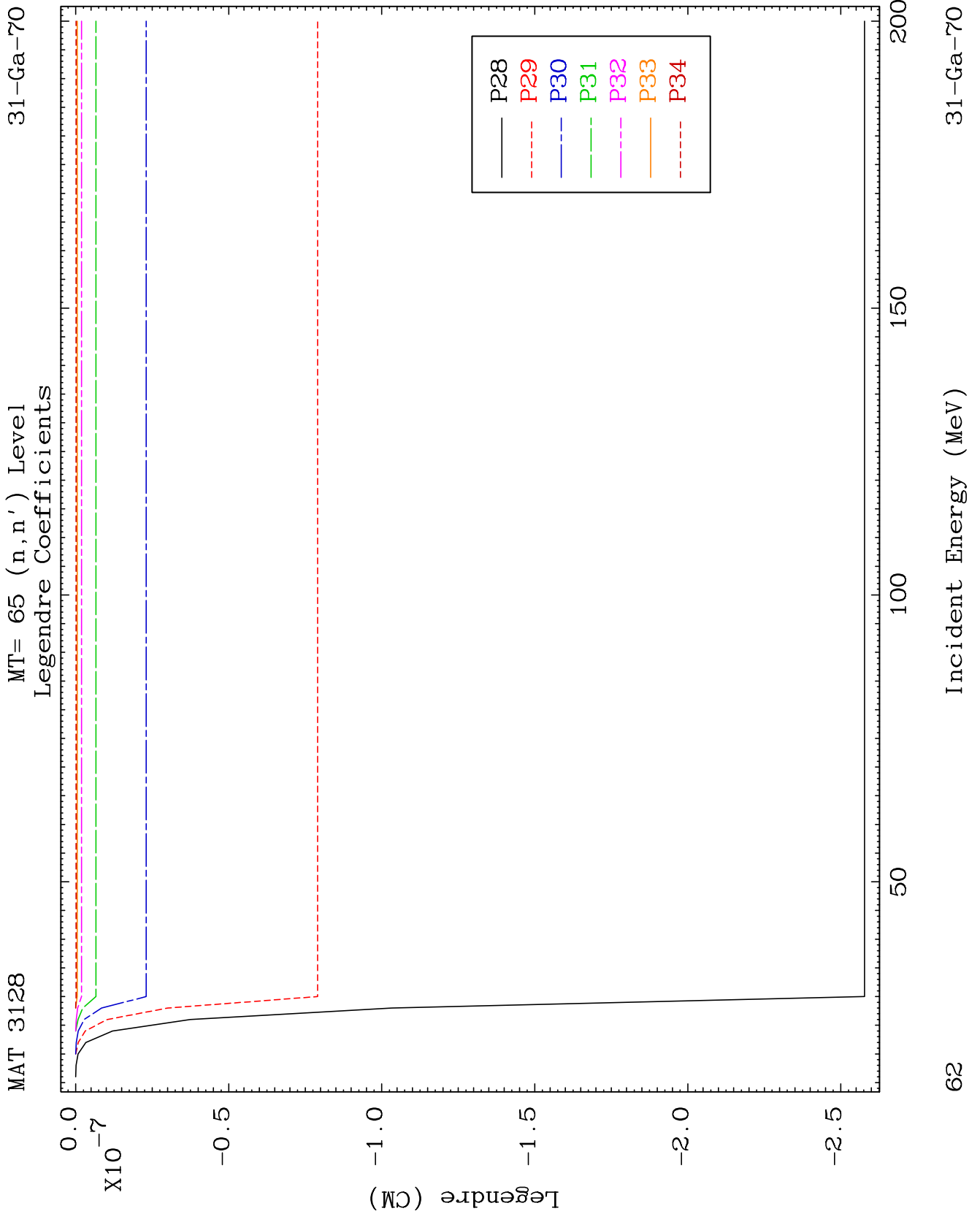


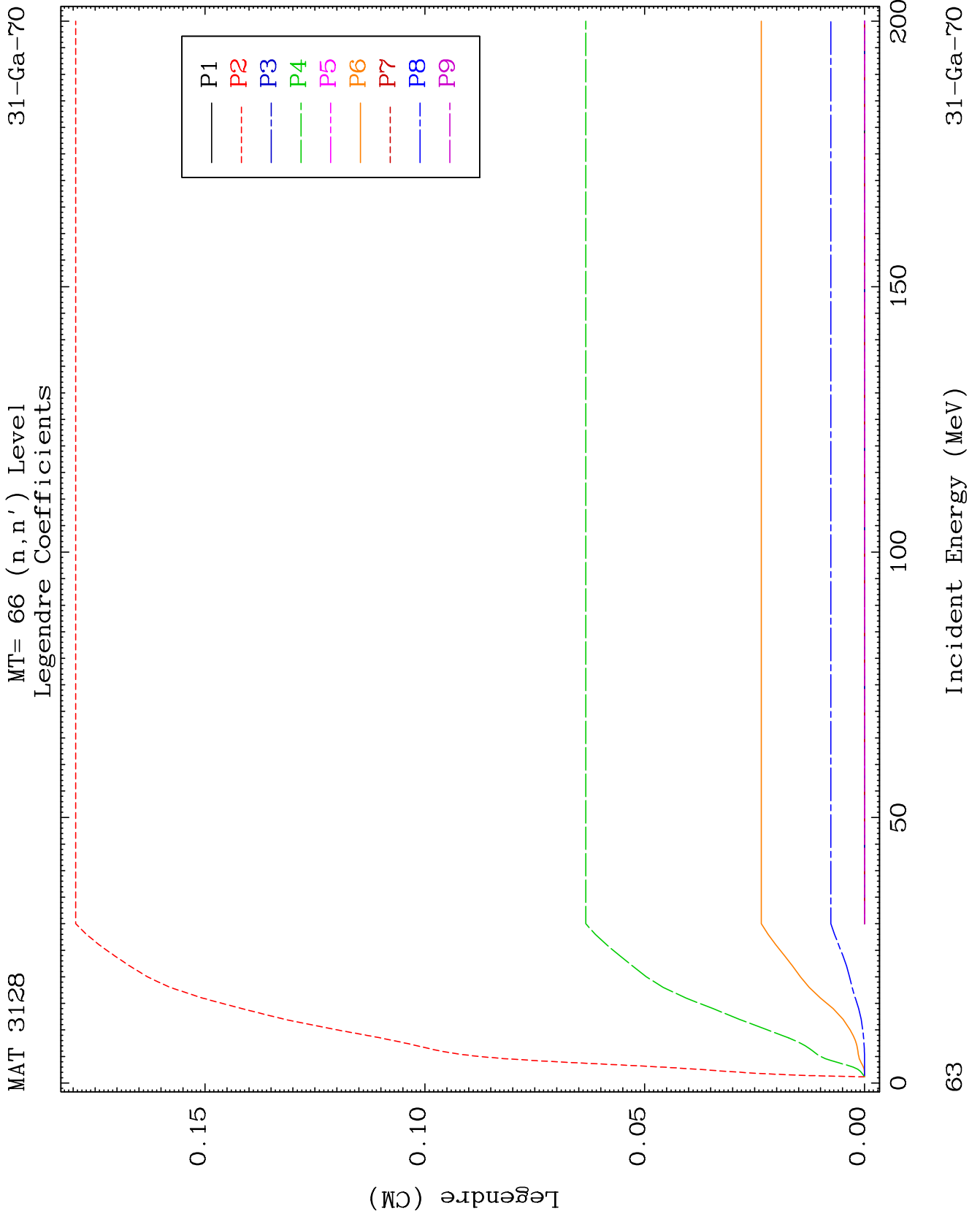
31-Ga-70

Incident Energy (MeV)

59



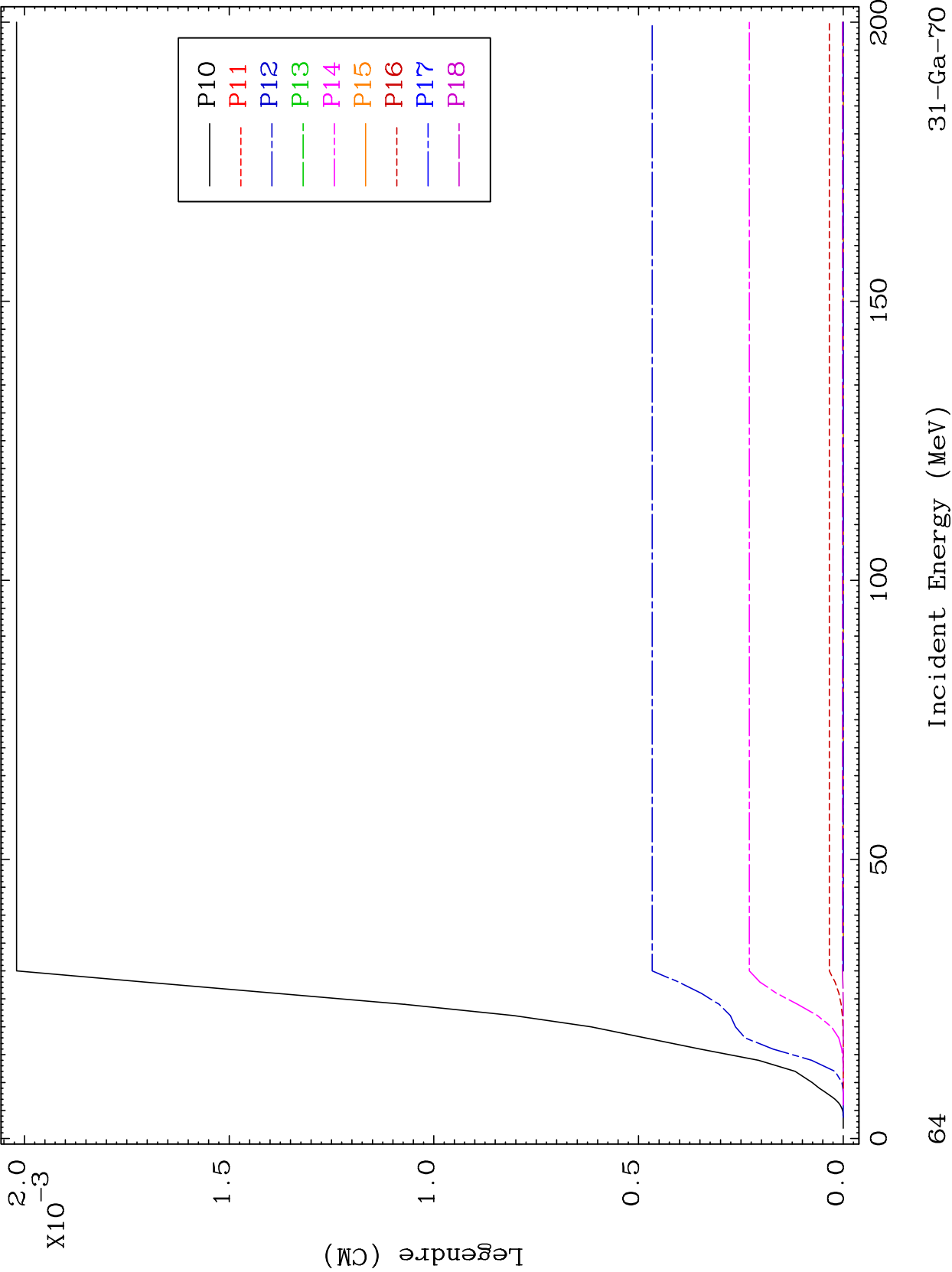




MAT 3128

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

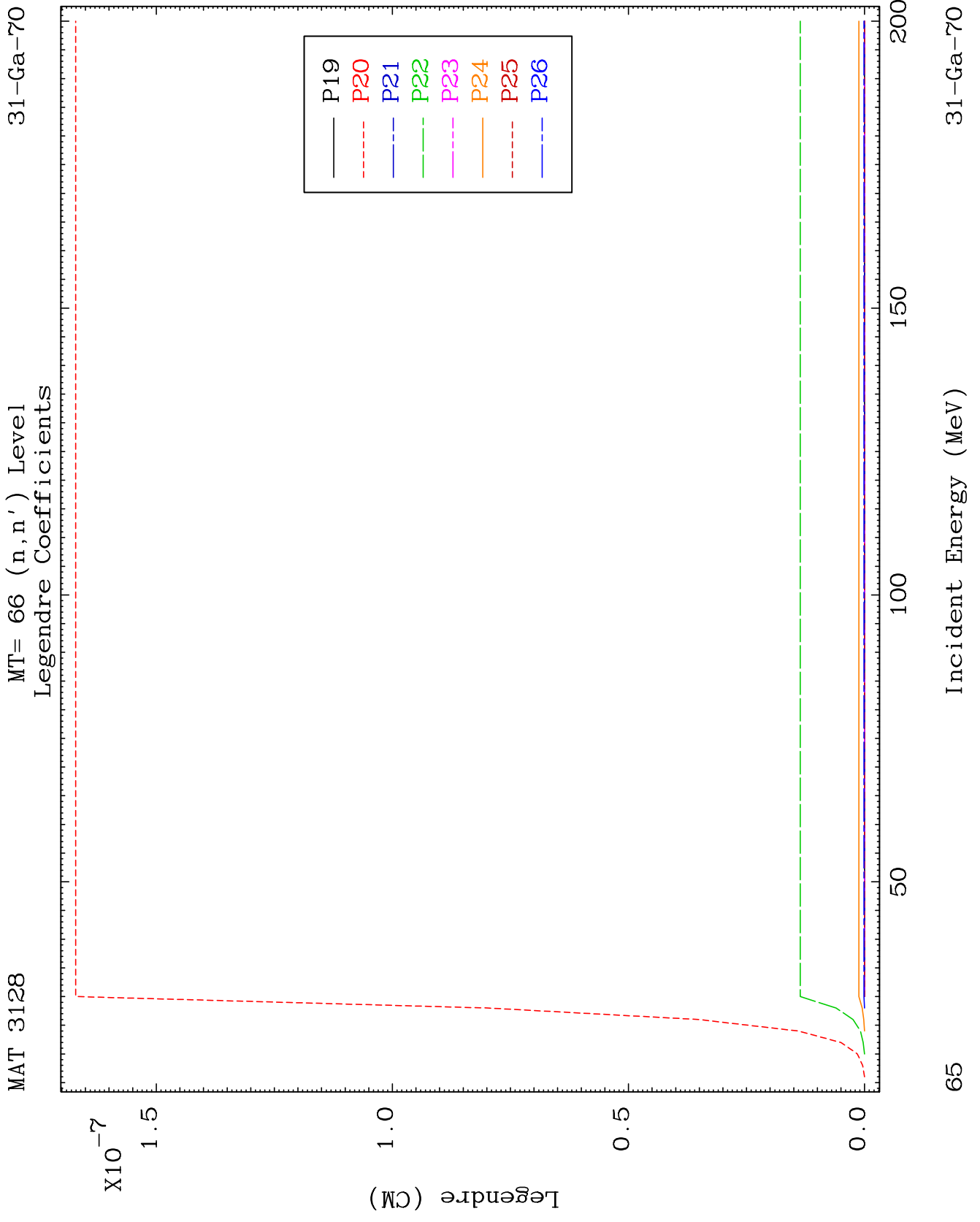
31-Ga-70

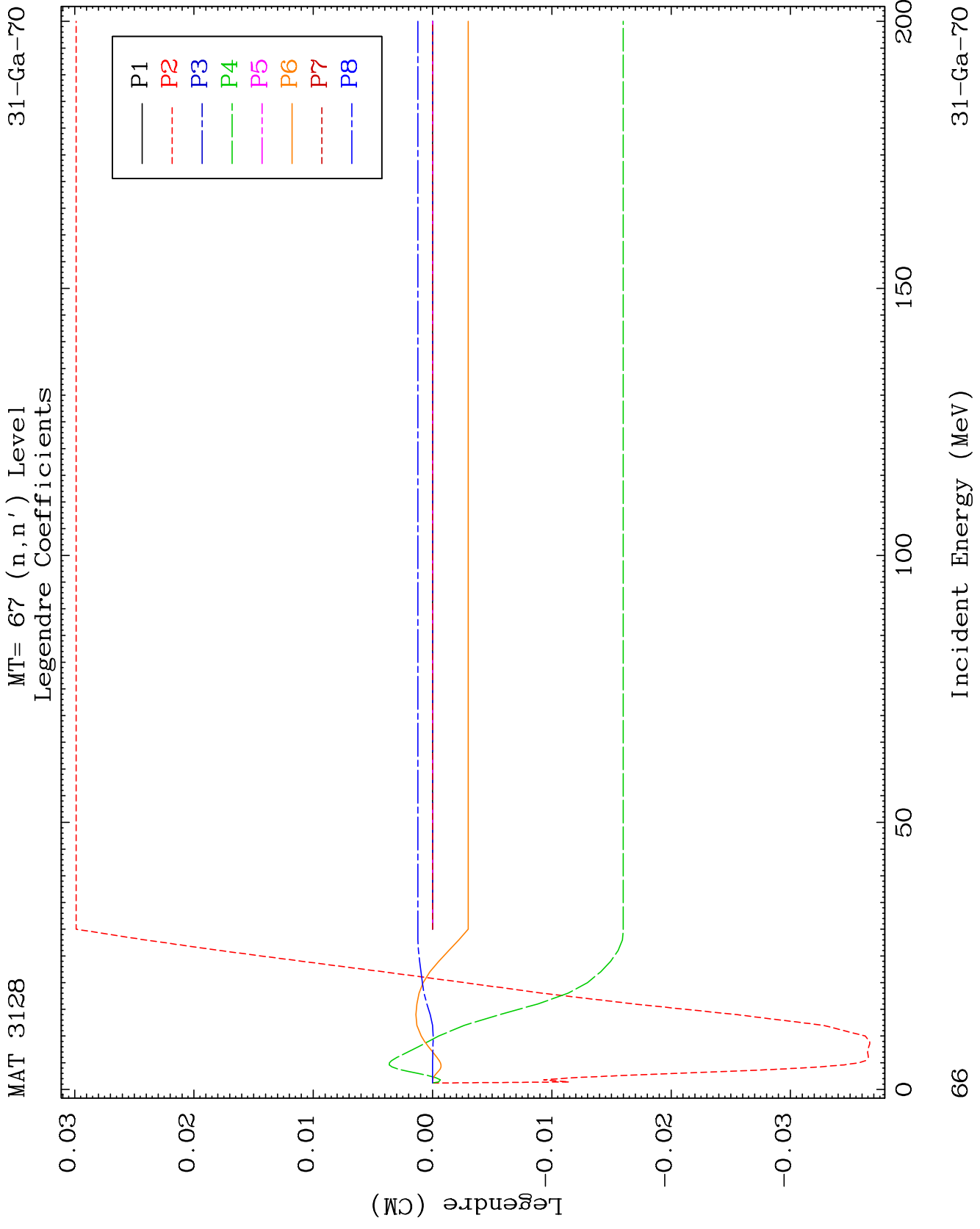


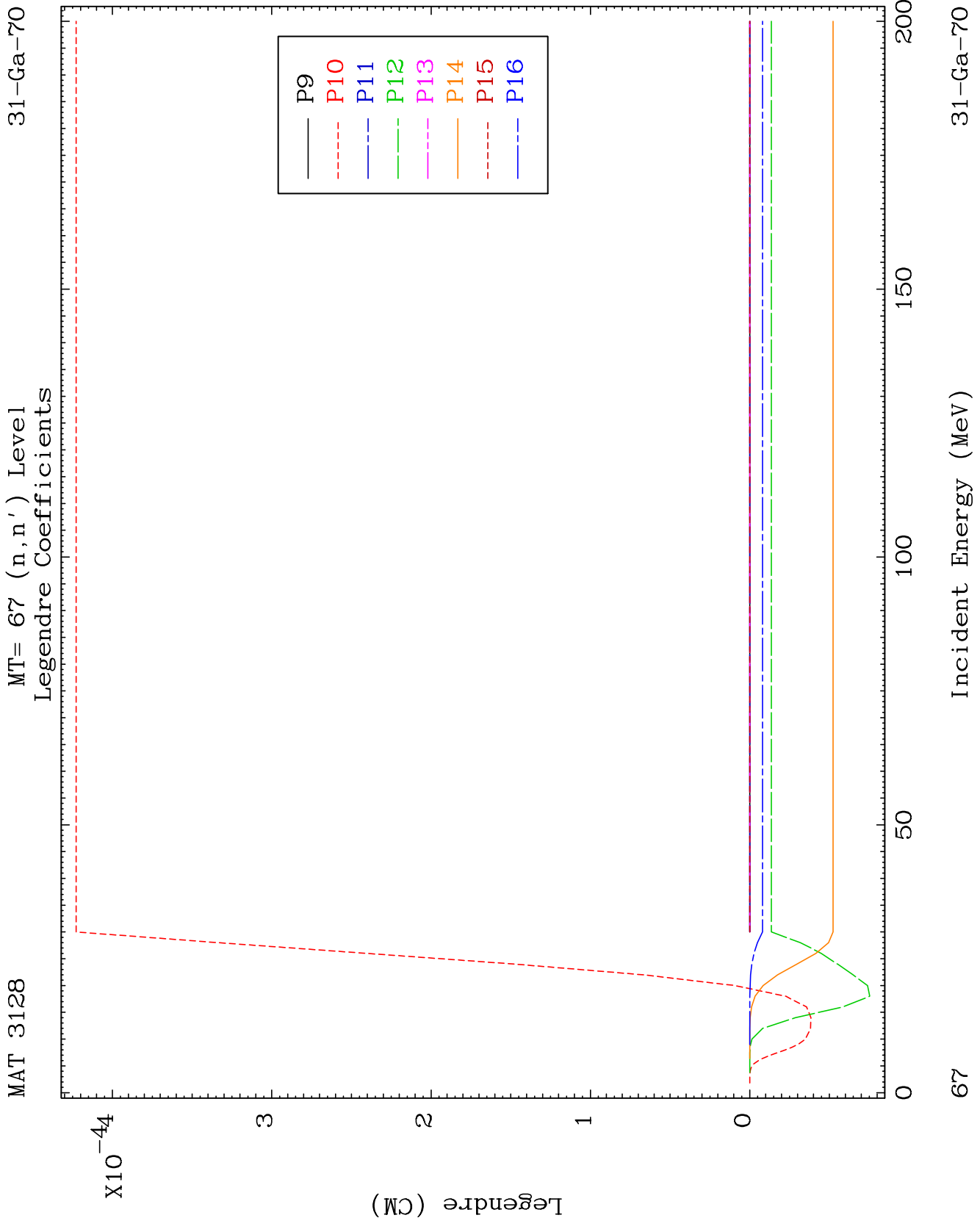
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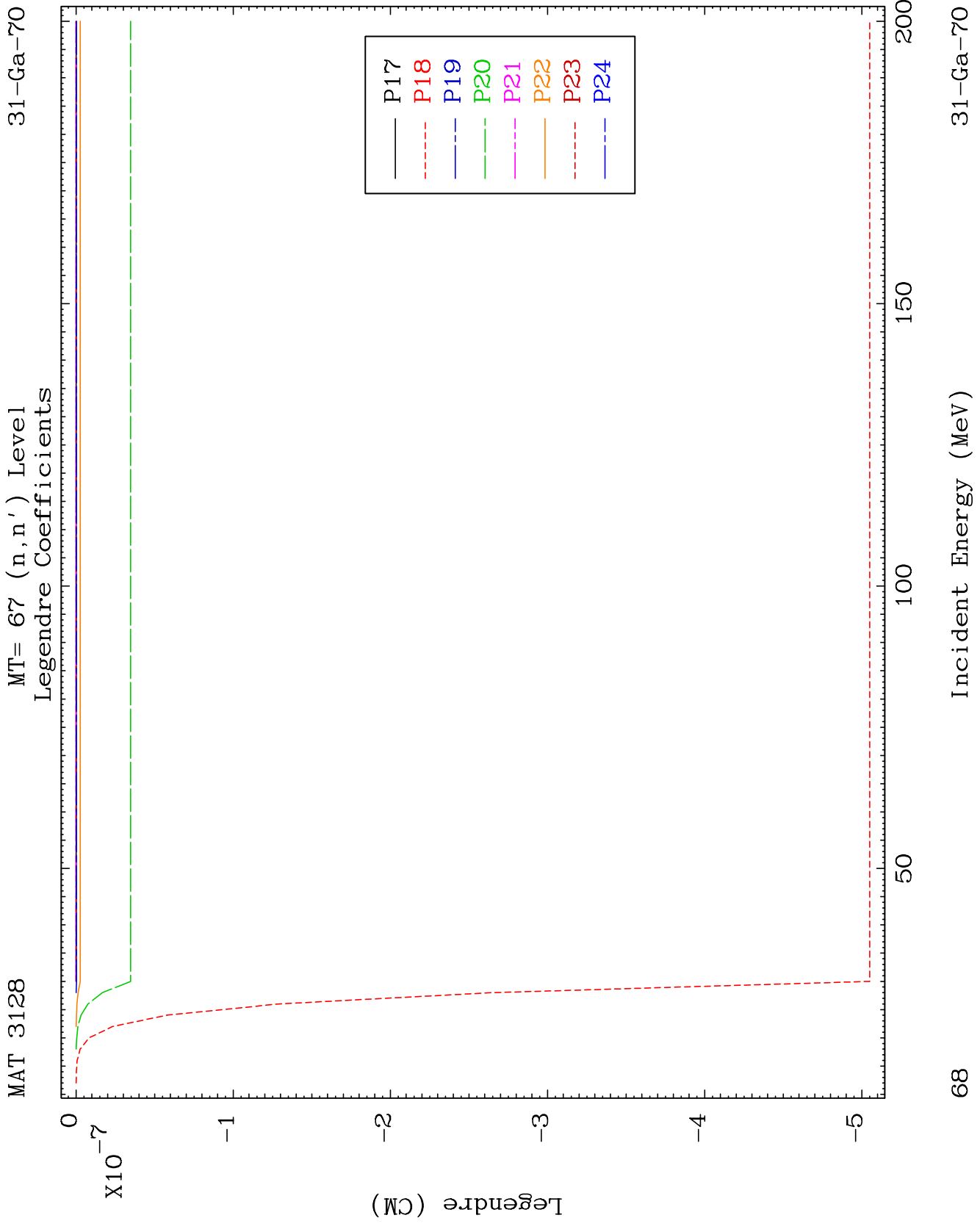
Incident Energy (MeV)

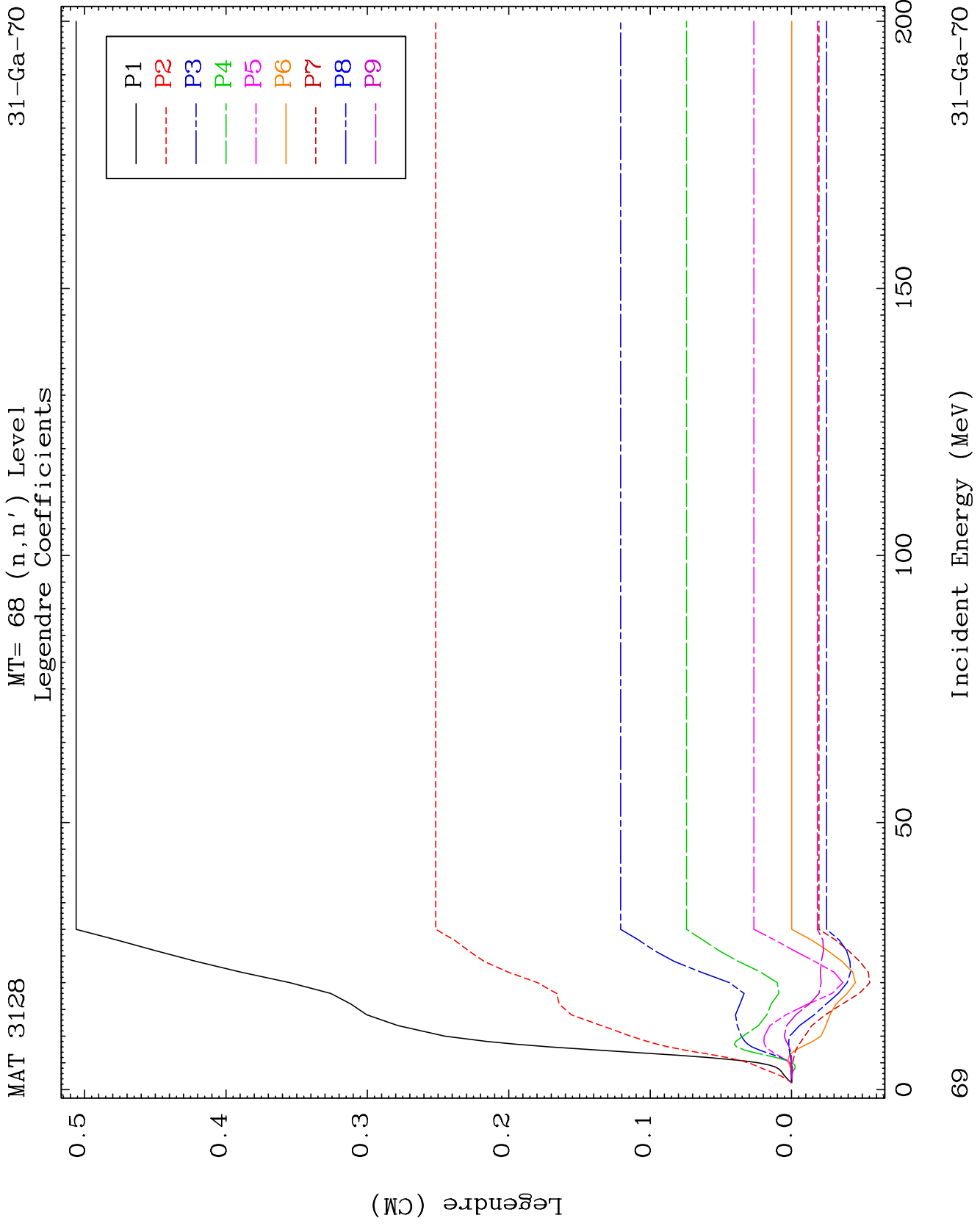
31-Ga-70







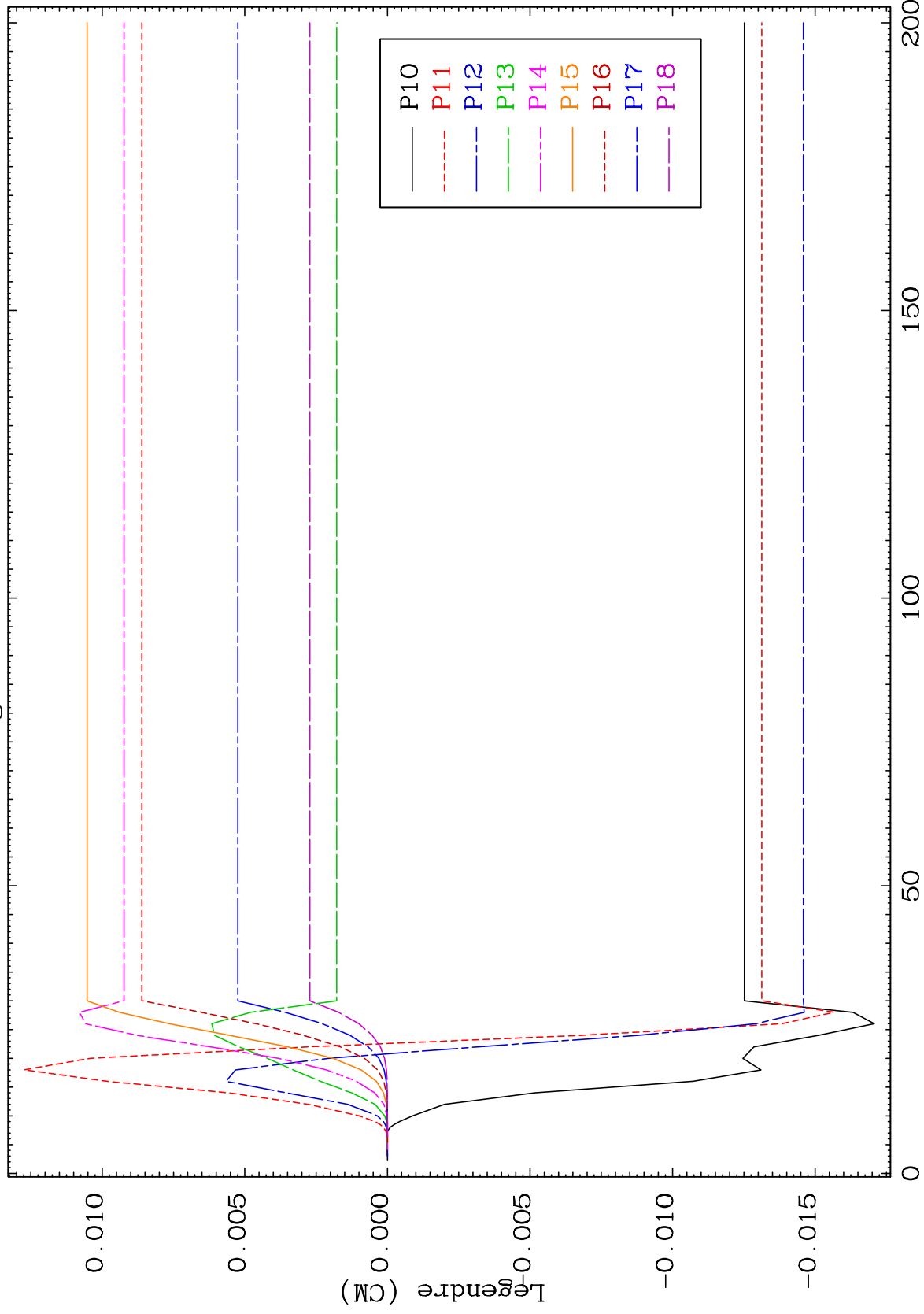




MAT 3128

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

31-Ga-70



70

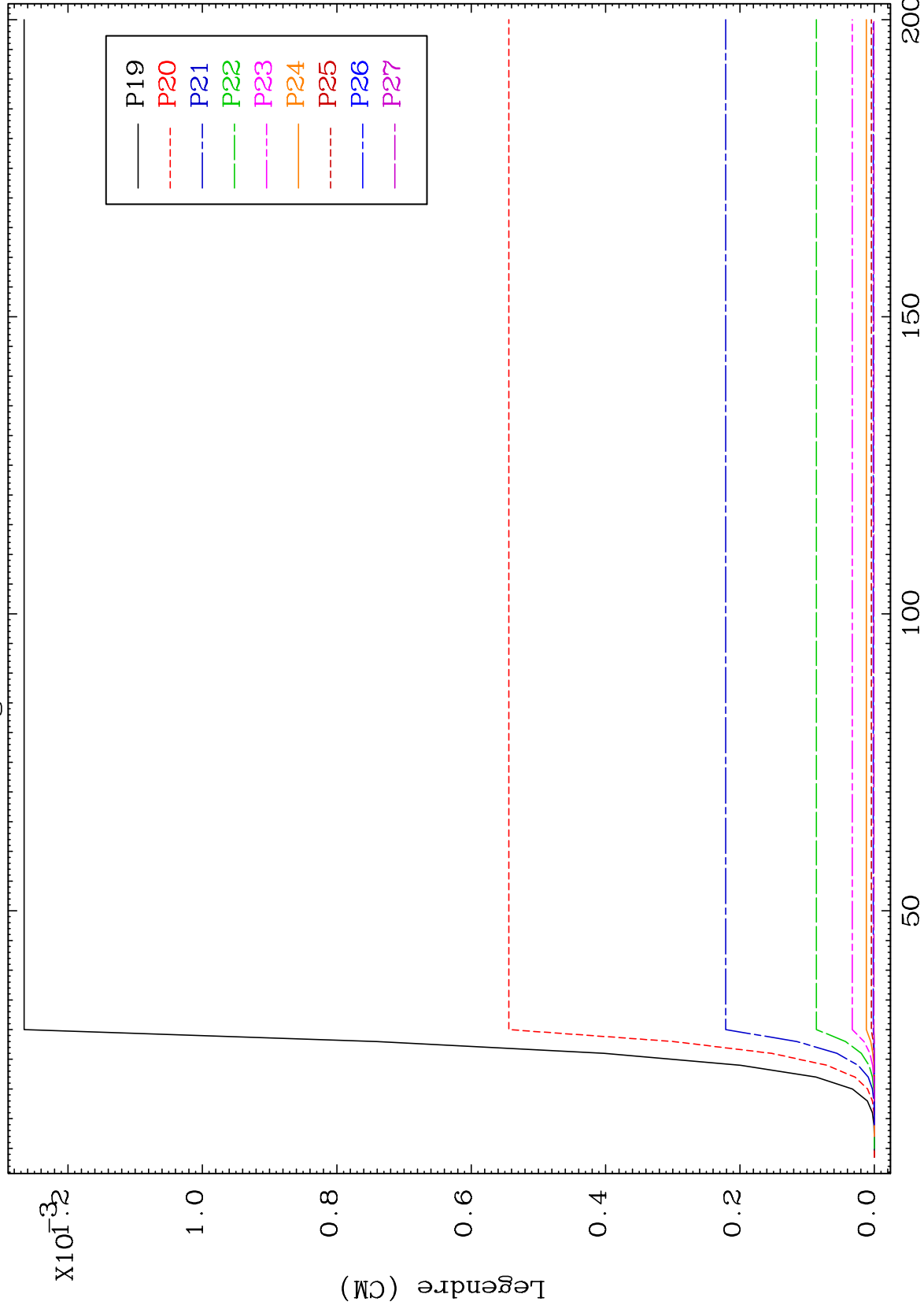
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



71

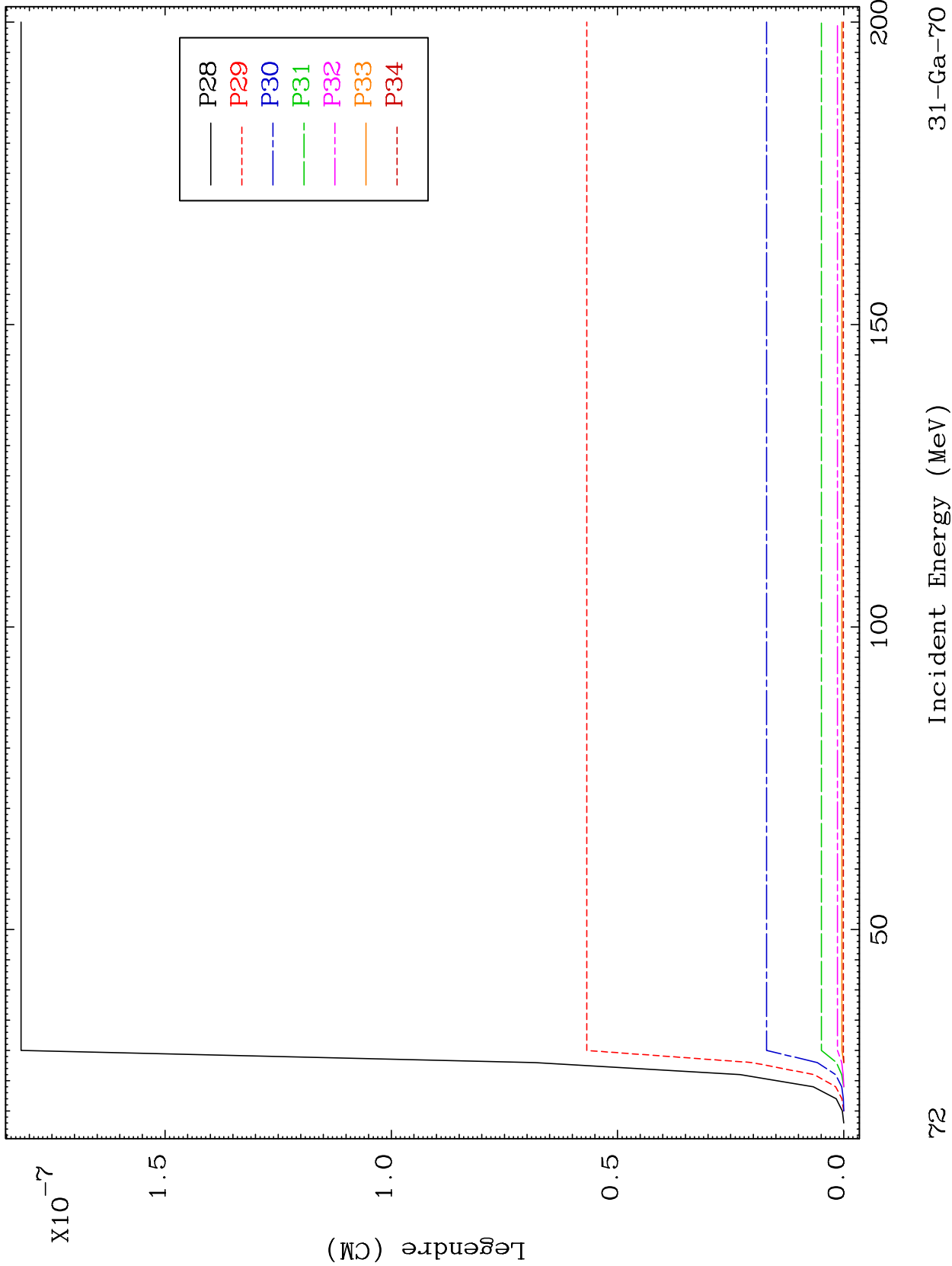
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



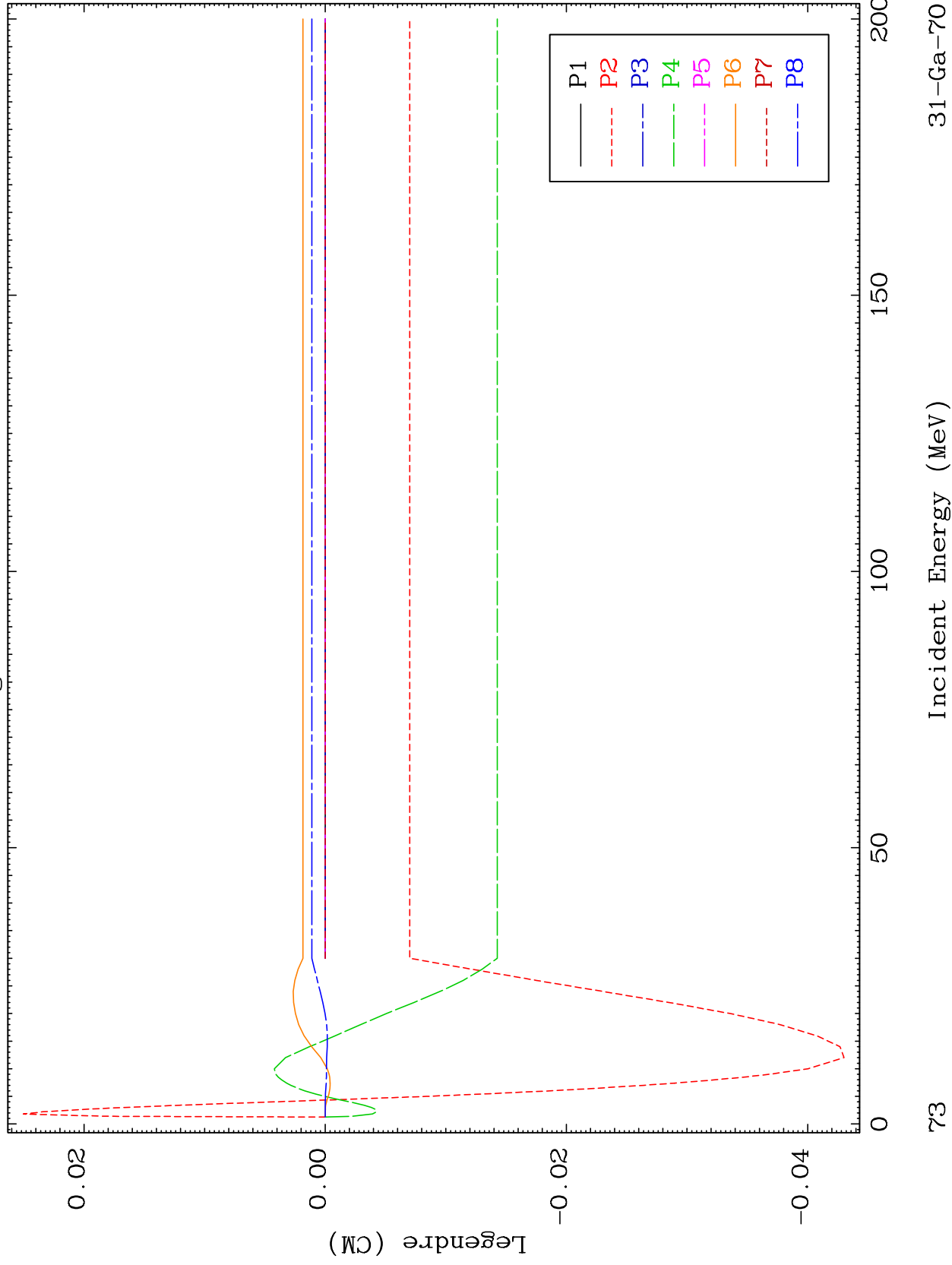
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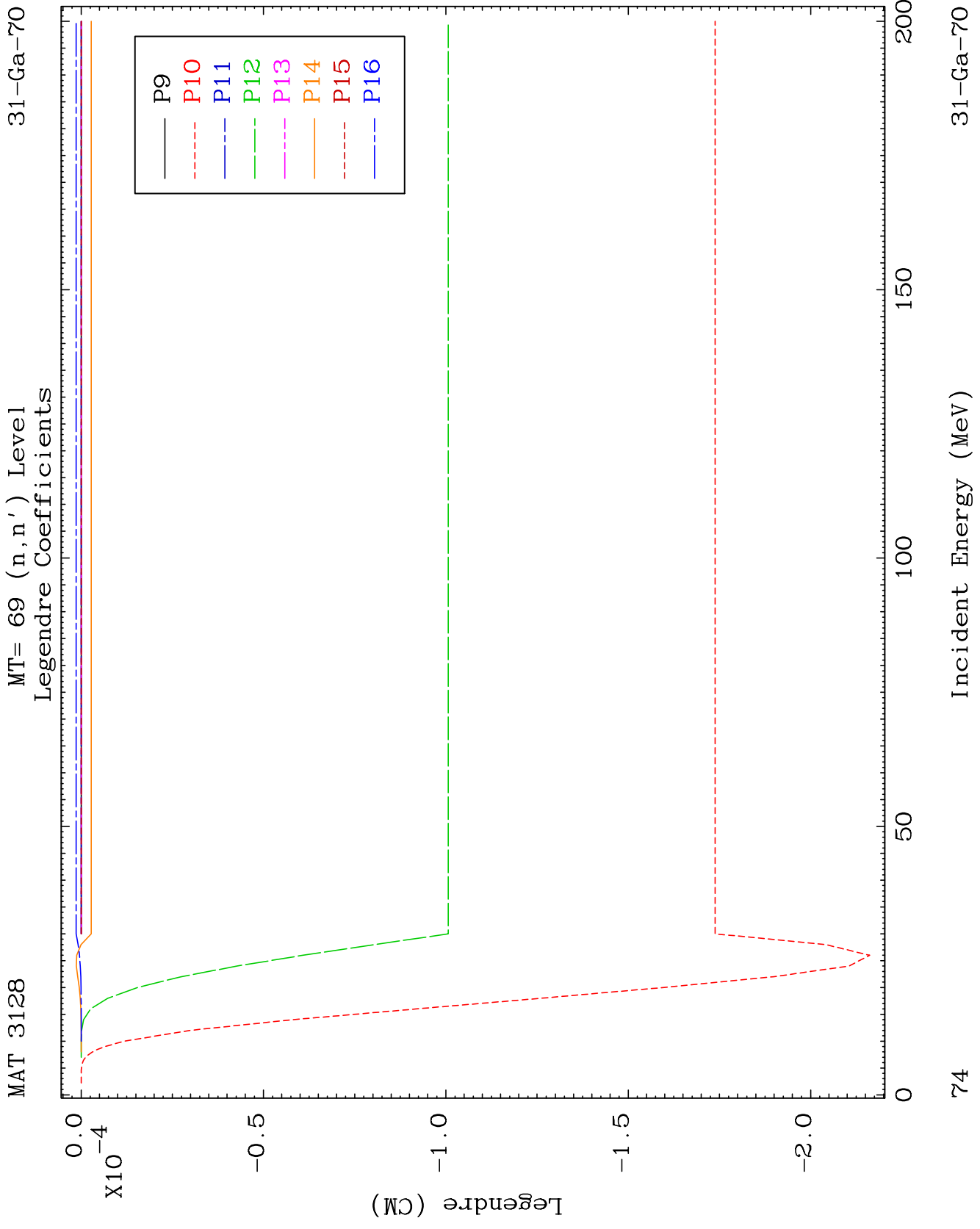
31-Ga-70

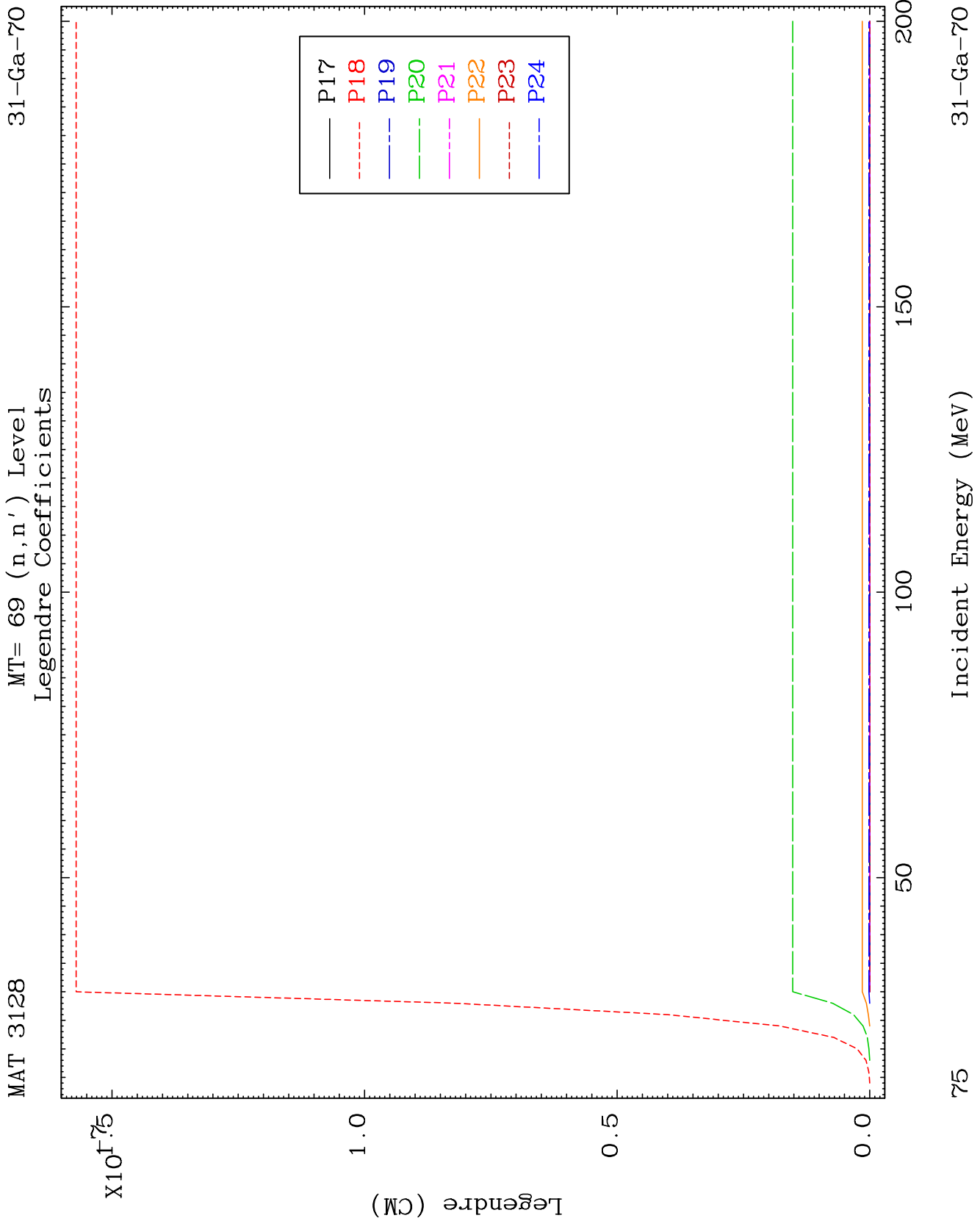
MAT 3128

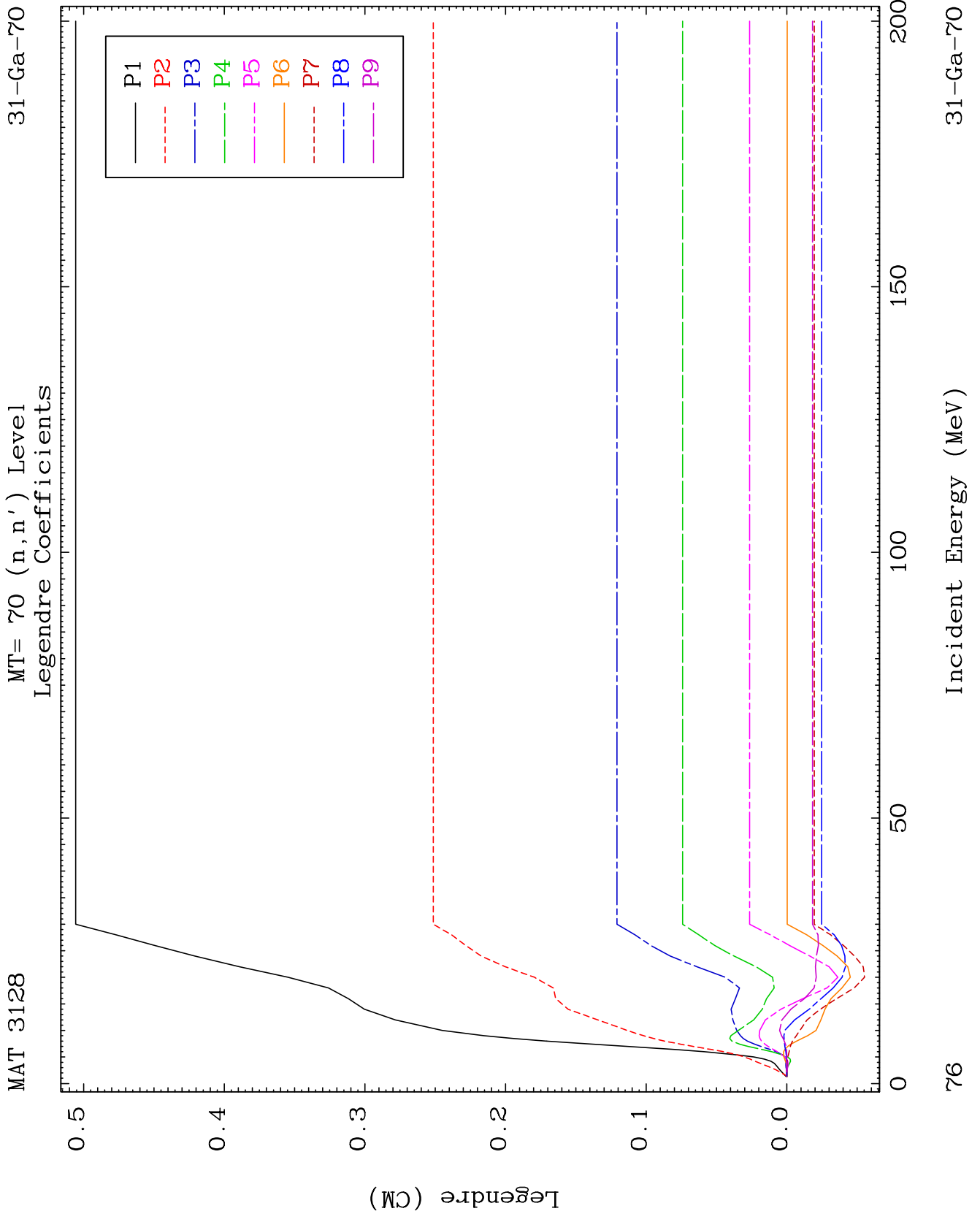
MT= 69 (n,n') Level
Legendre Coefficients

31-Ga-70





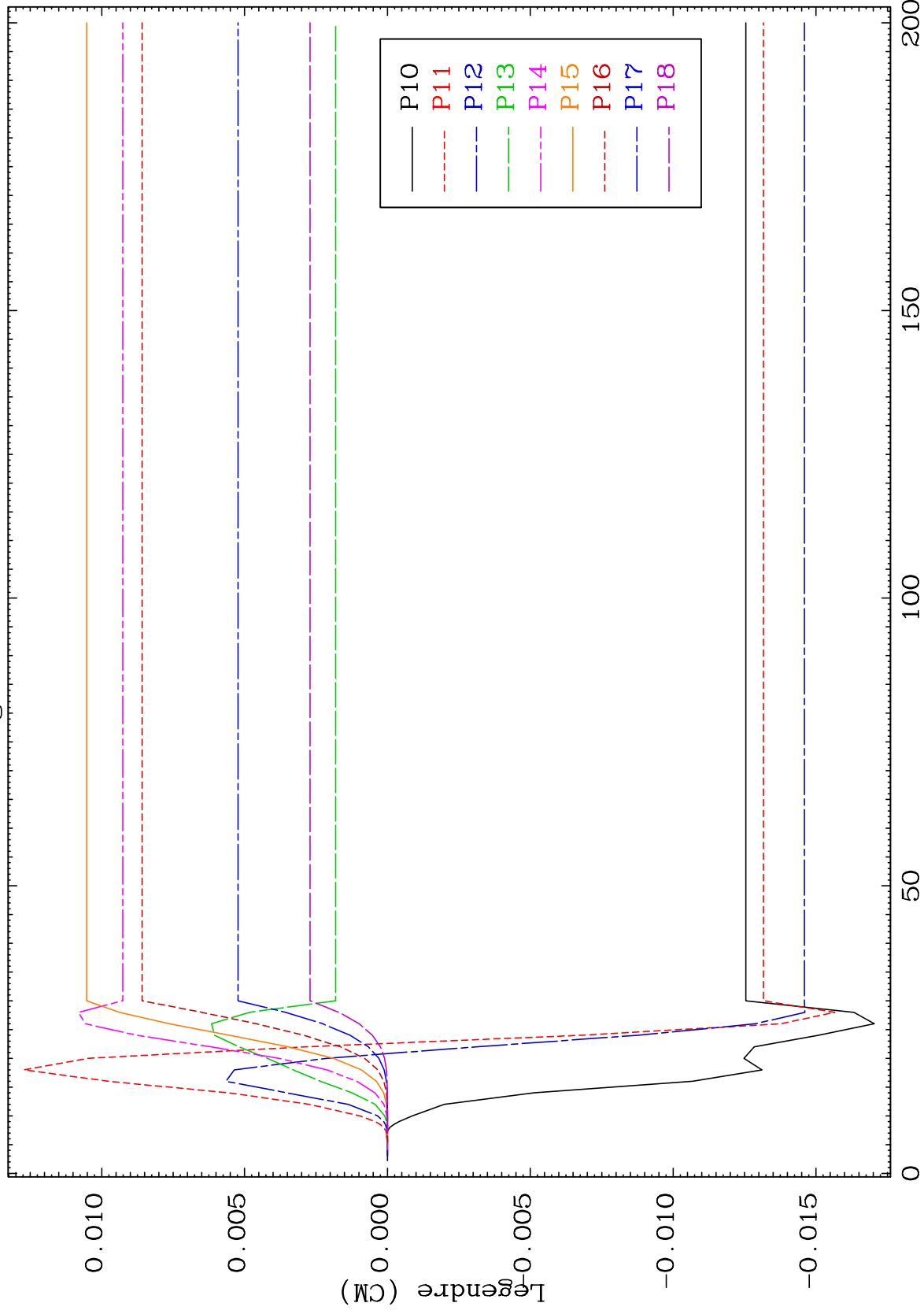




MAT 3128

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

31-Ga-70



77

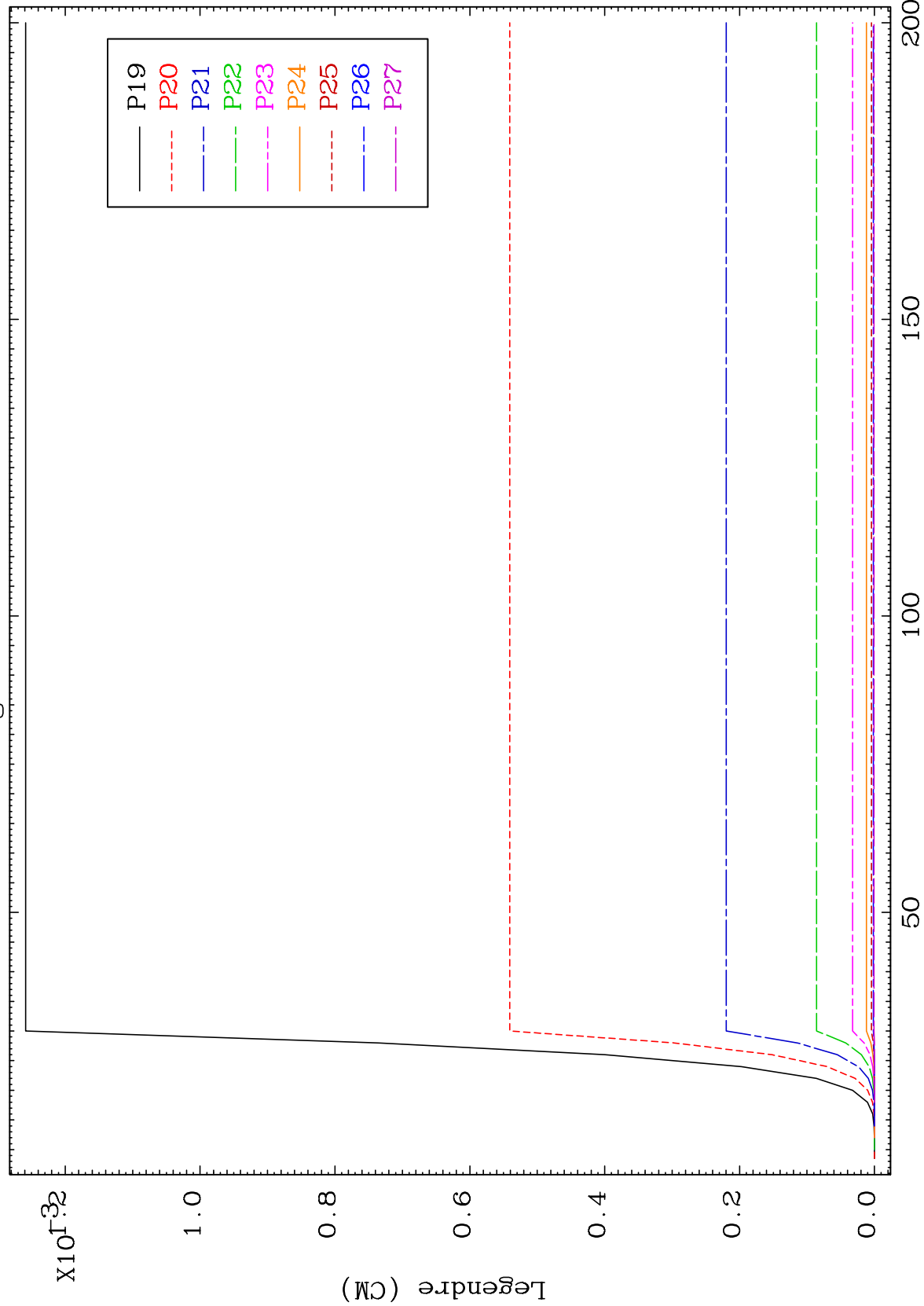
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



78

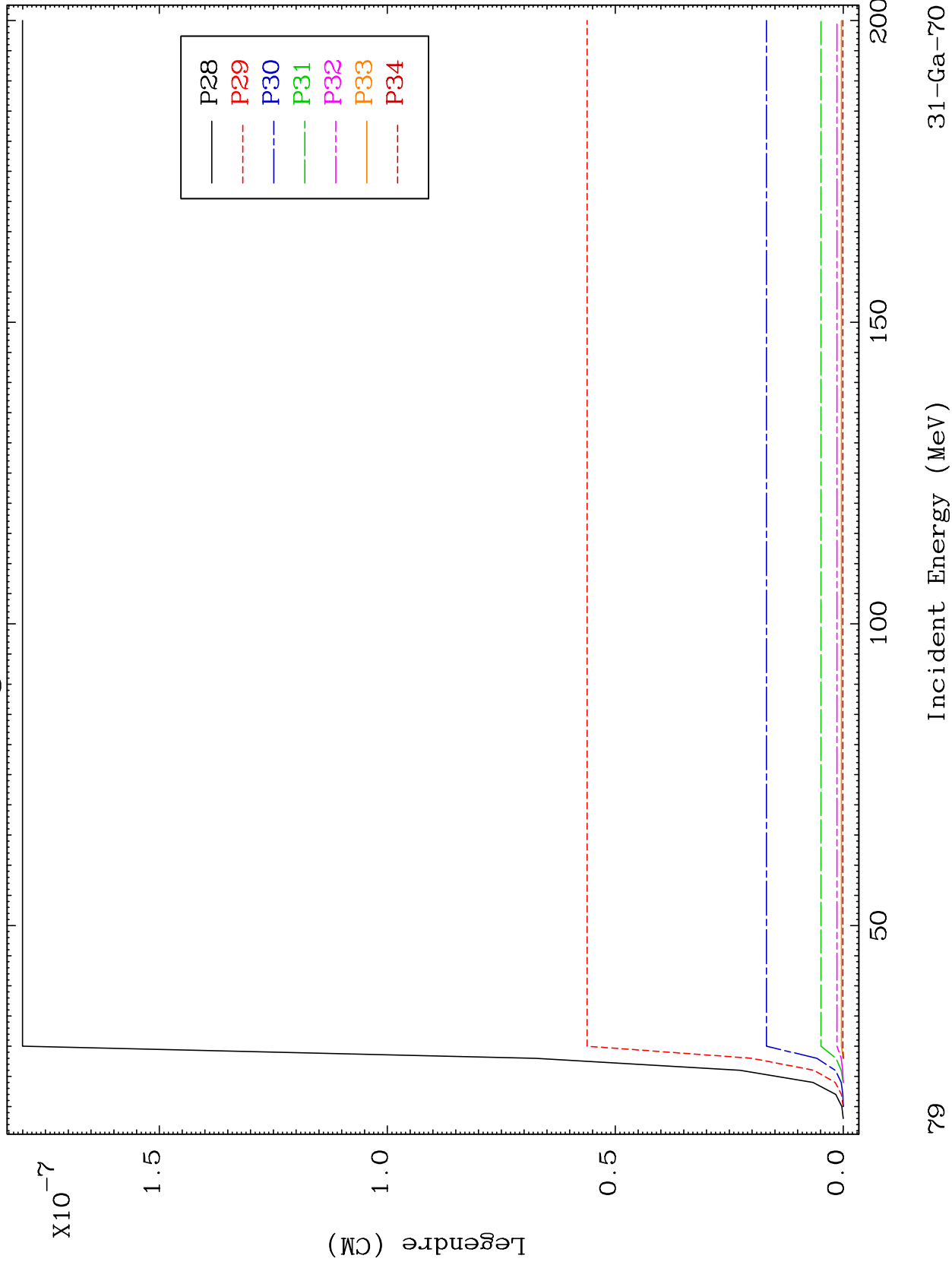
Incident Energy (MeV)

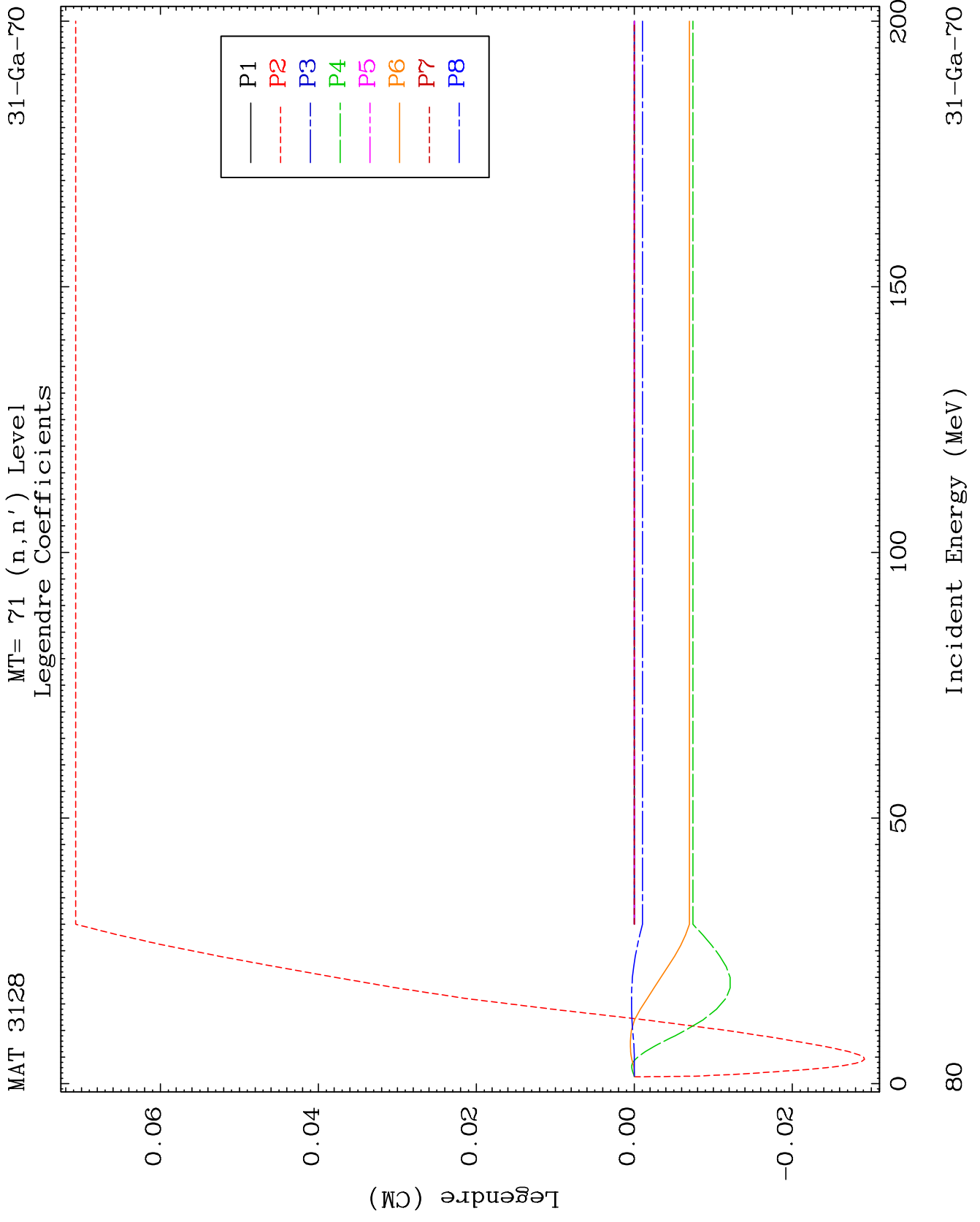
31-Ga-70

MAT 3128

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

31-Ga-70

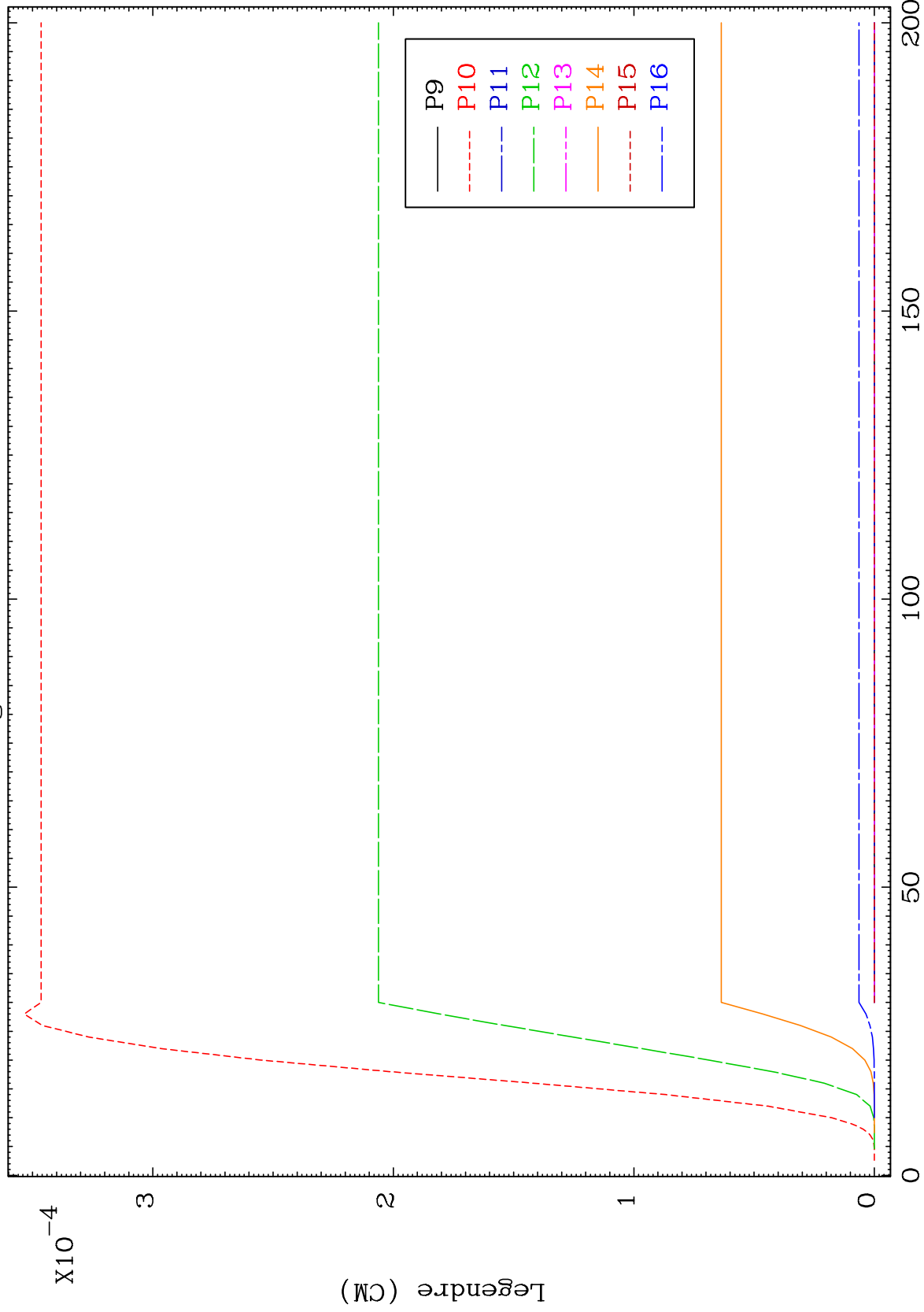




MAT 3128

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

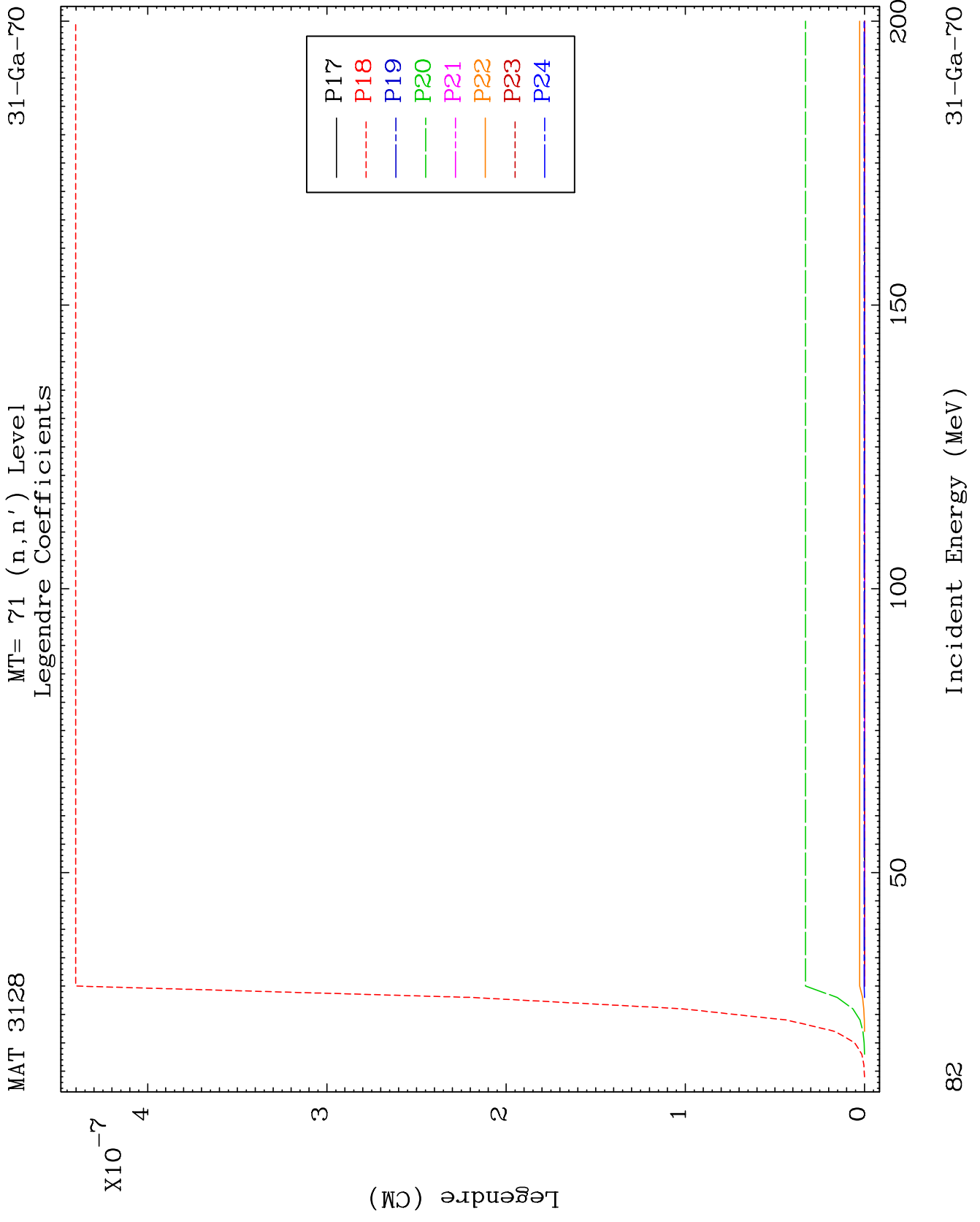
31-Ga-70



81

Incident Energy (MeV)

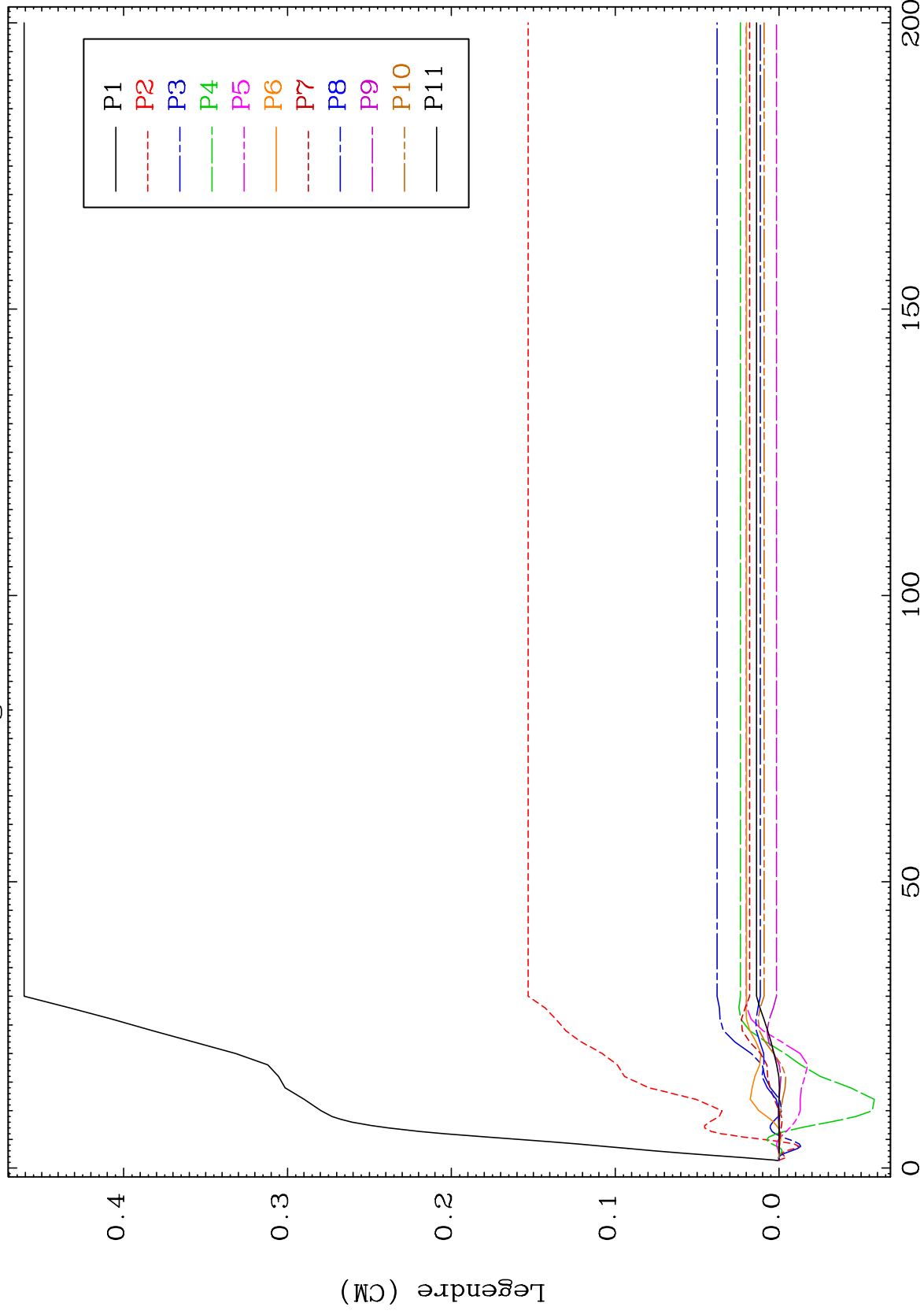
31-Ga-70



MAT 3128

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

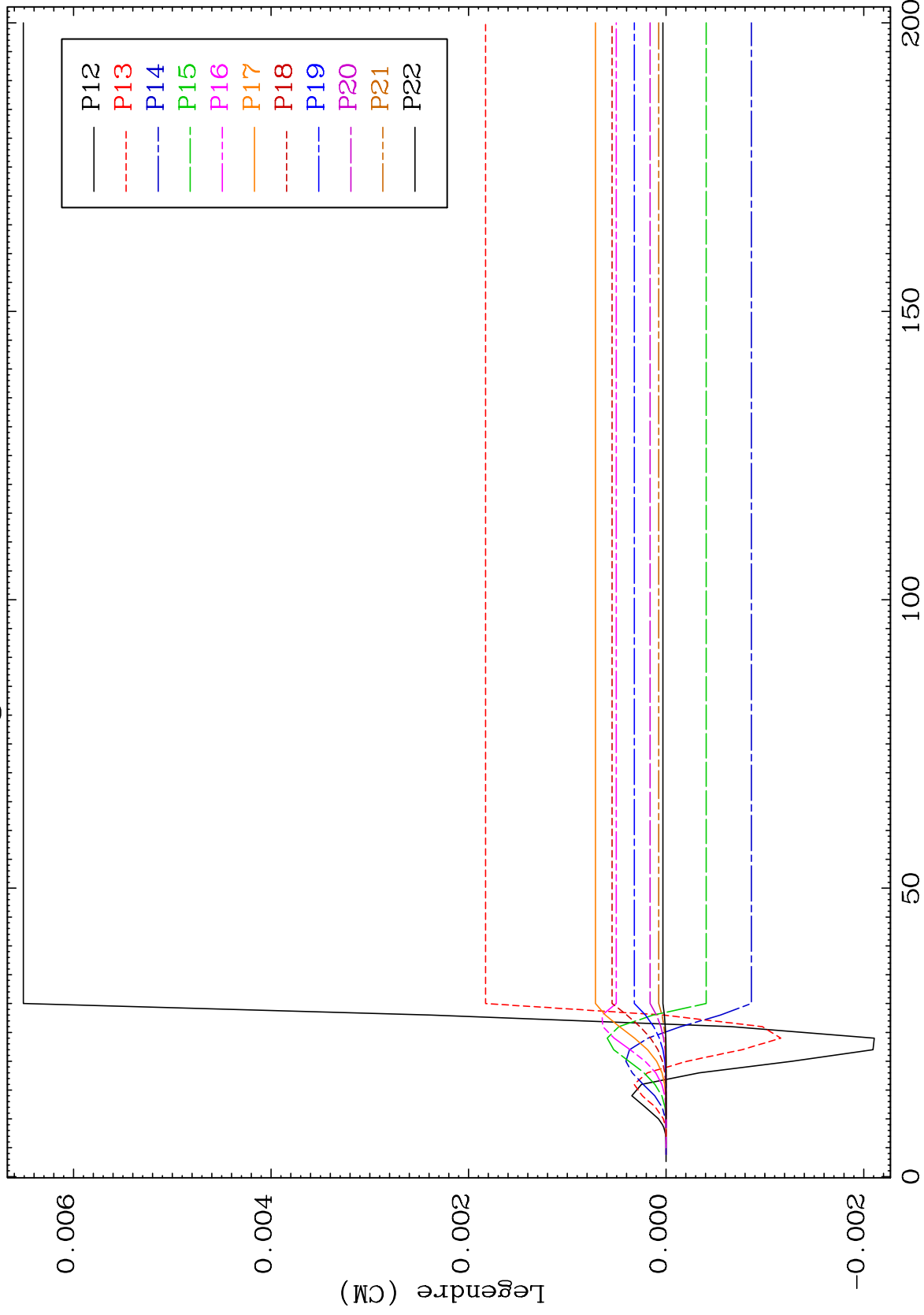
31-Ga-70



MAT 3128

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

31-Ga-70



84

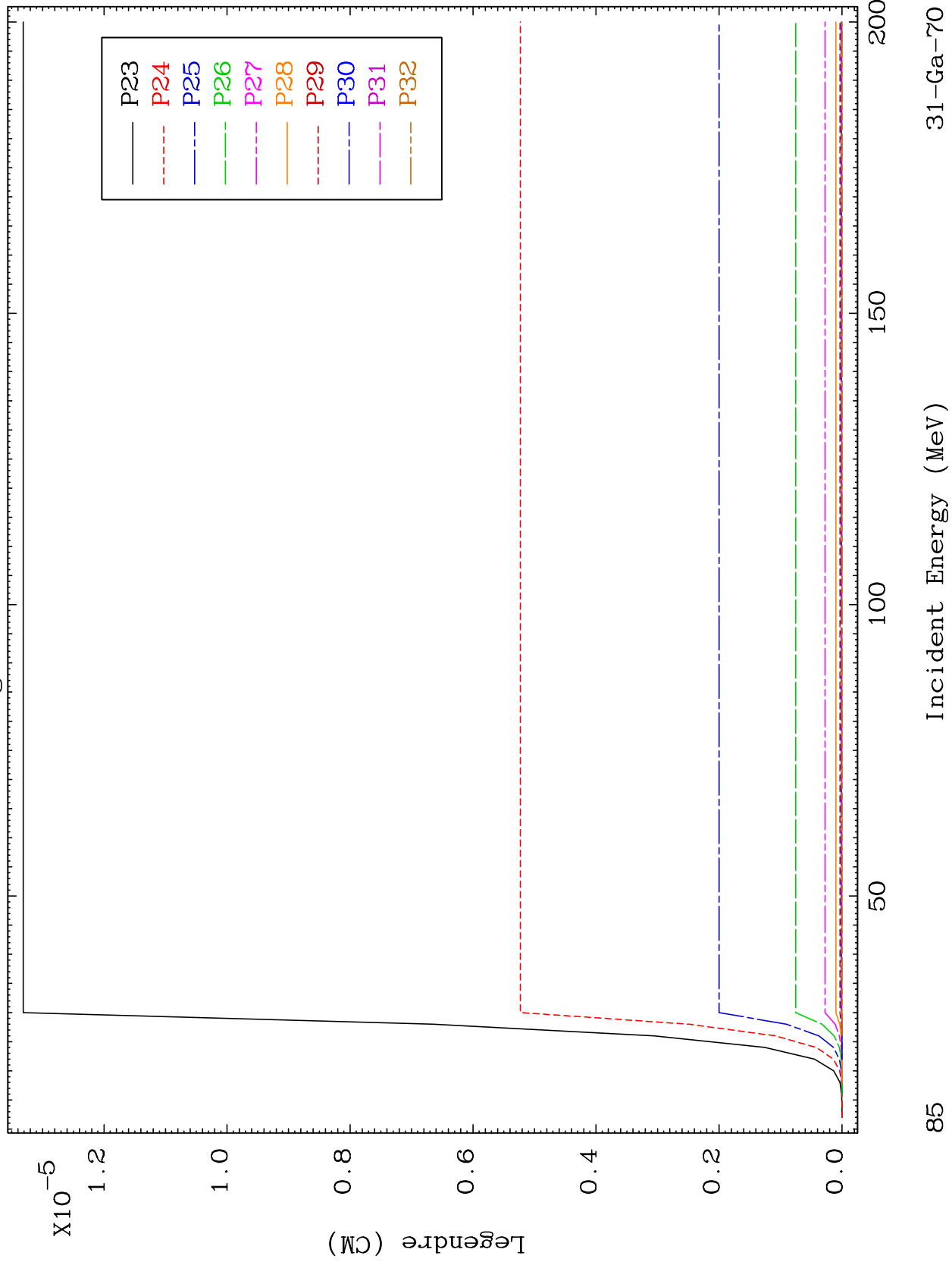
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



85

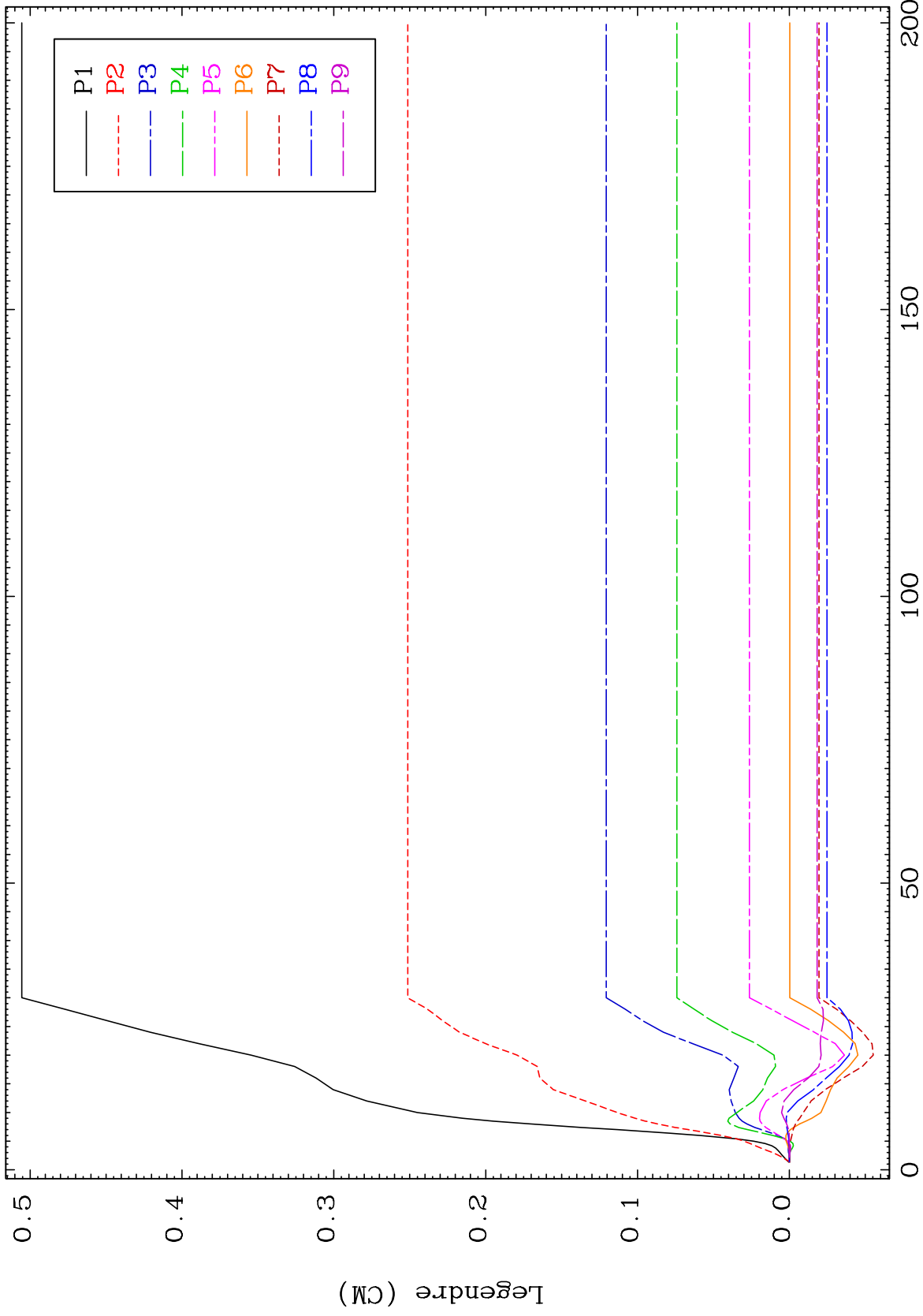
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



86

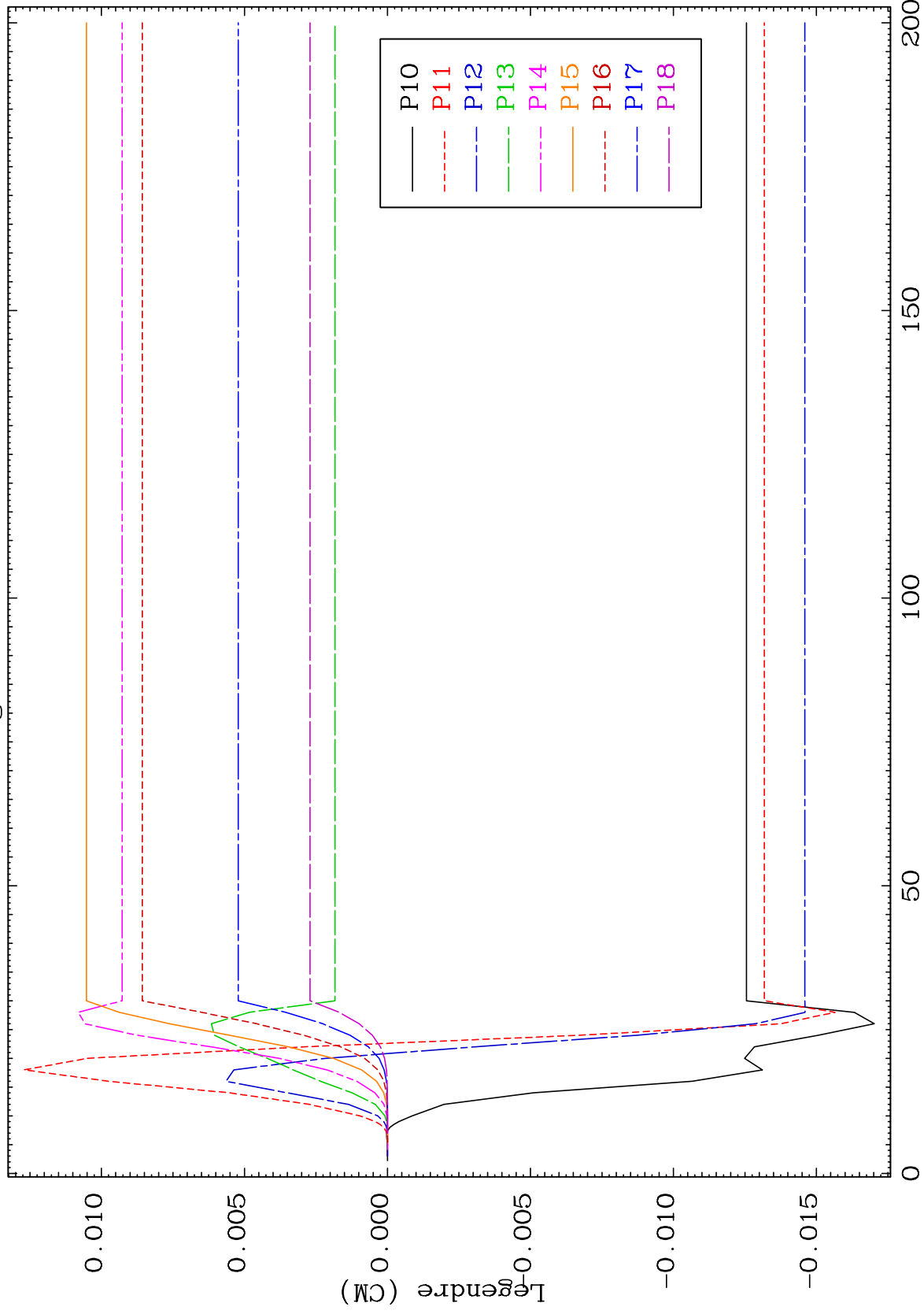
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

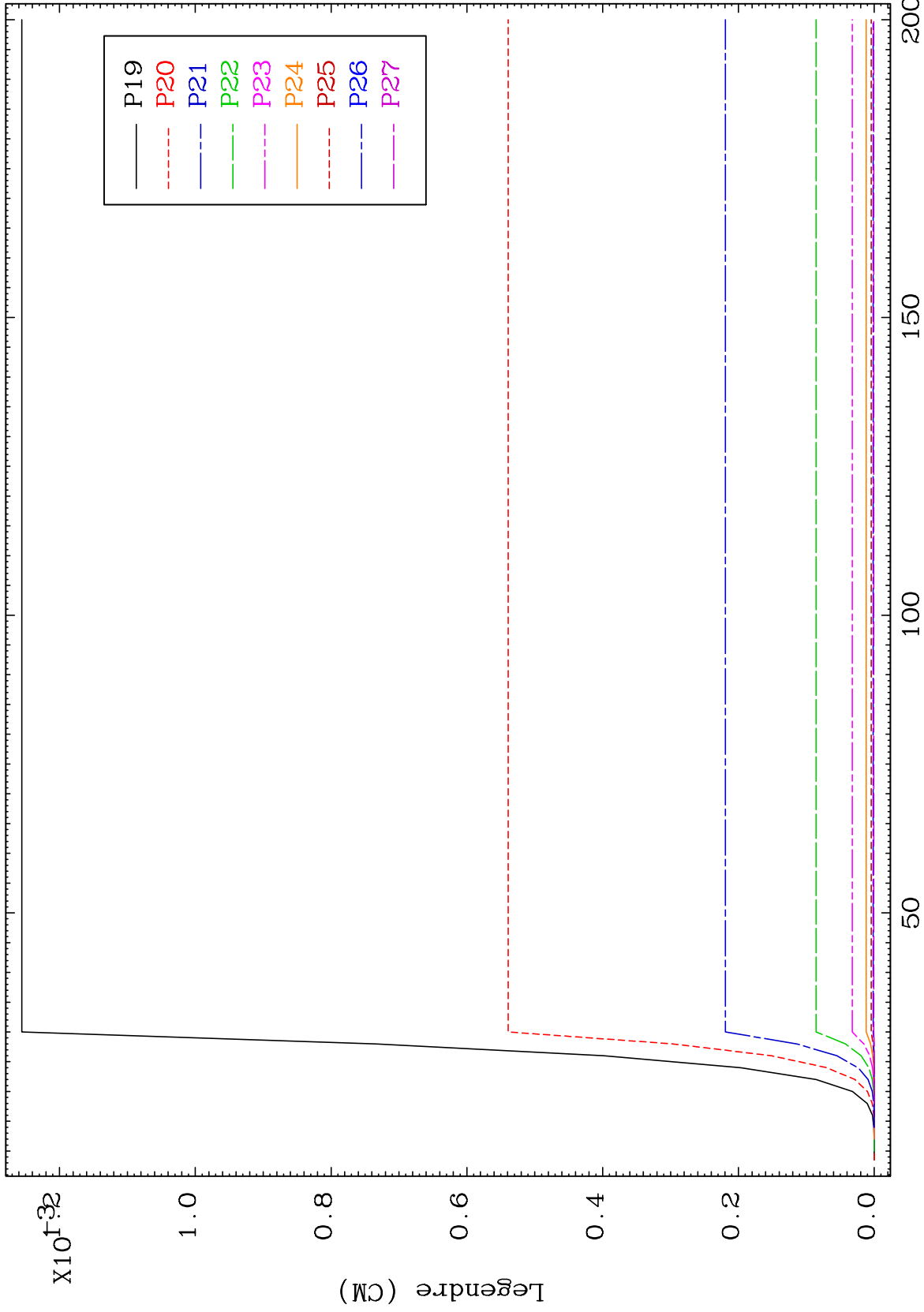
31-Ga-70



87

Incident Energy (MeV)

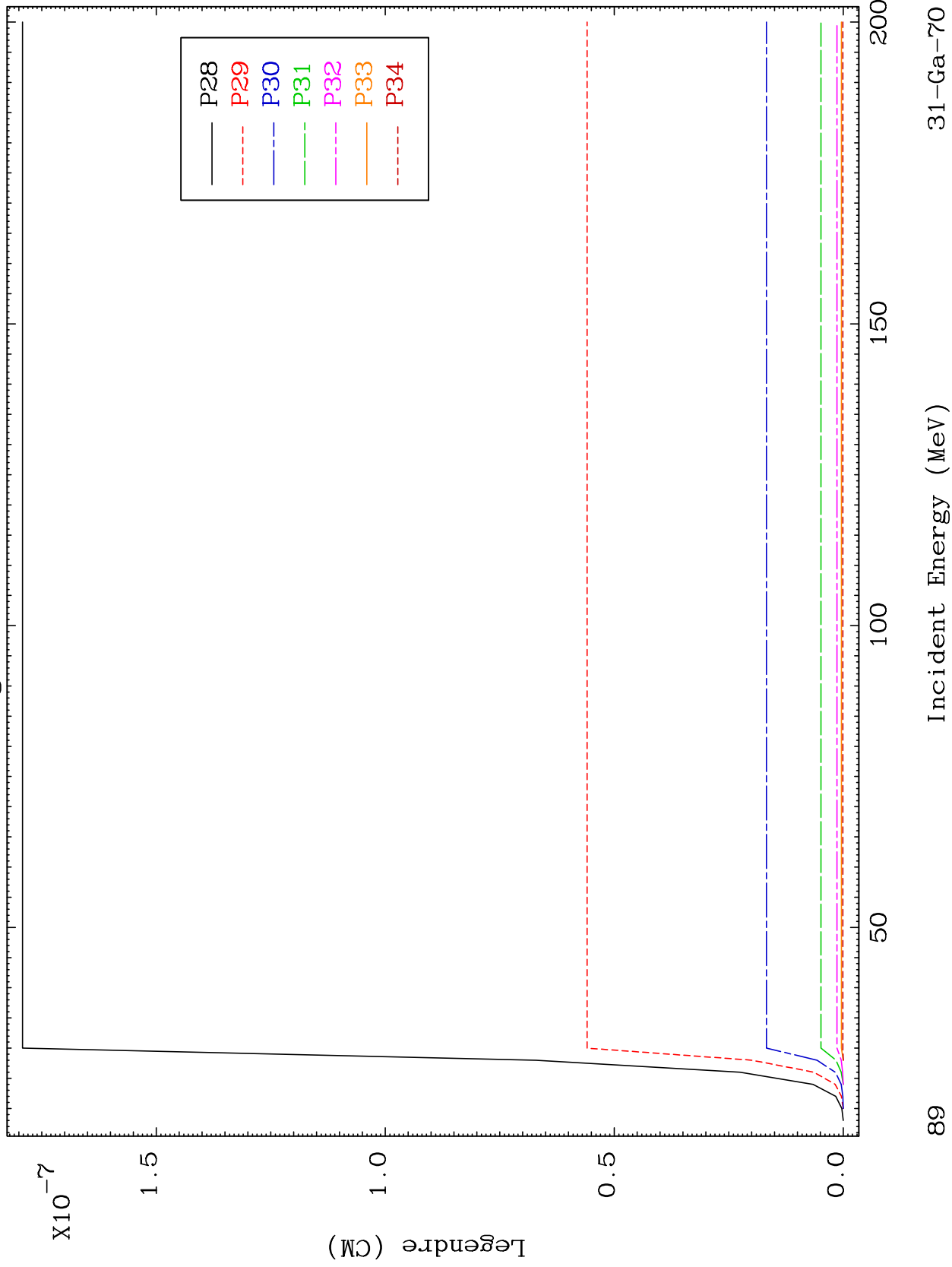
31-Ga-70



MAT 3128

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

31-Ga-70



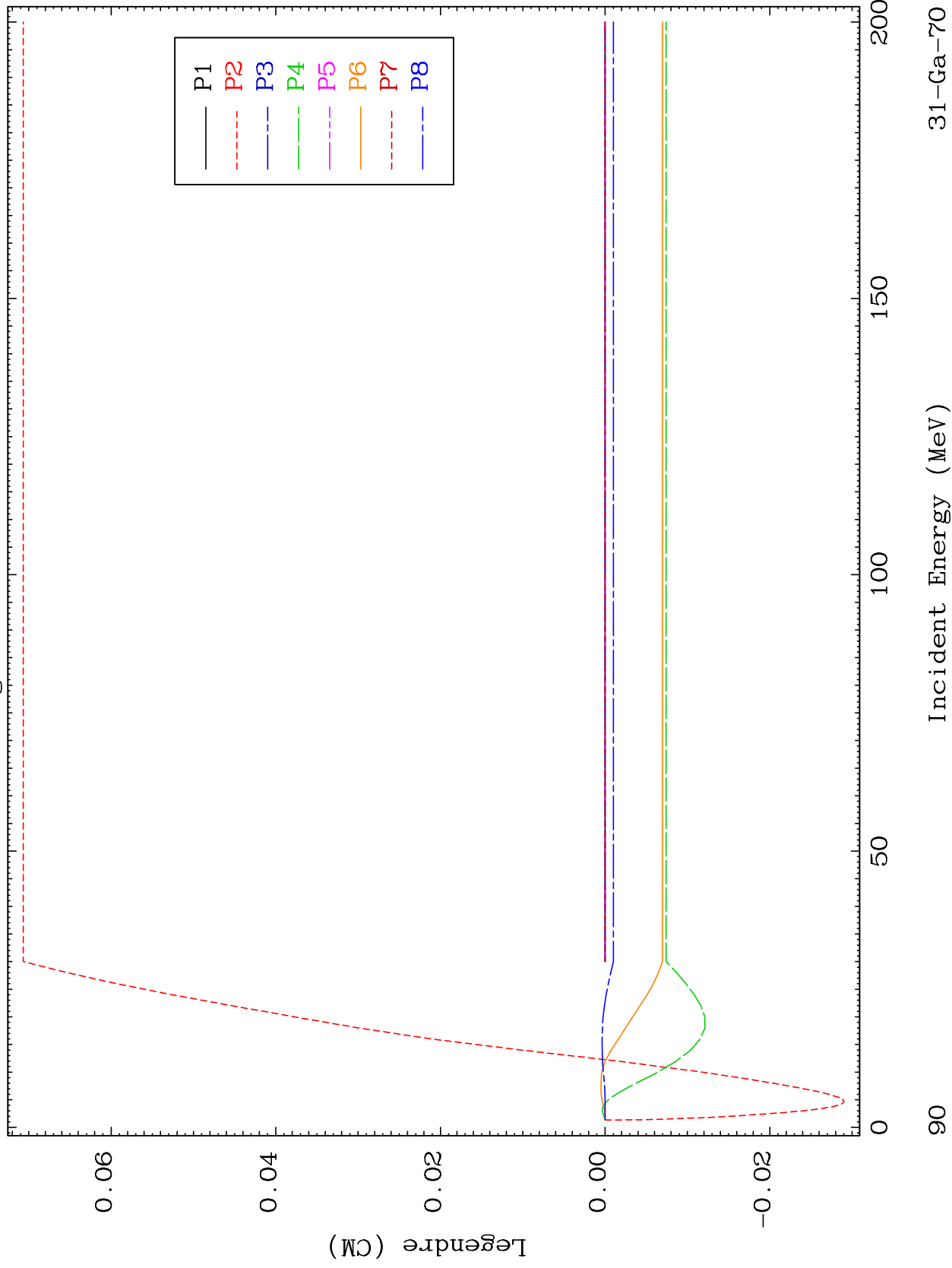
89

31-Ga-70

MAT 3128

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

31-Ga-70



31-Ga-70

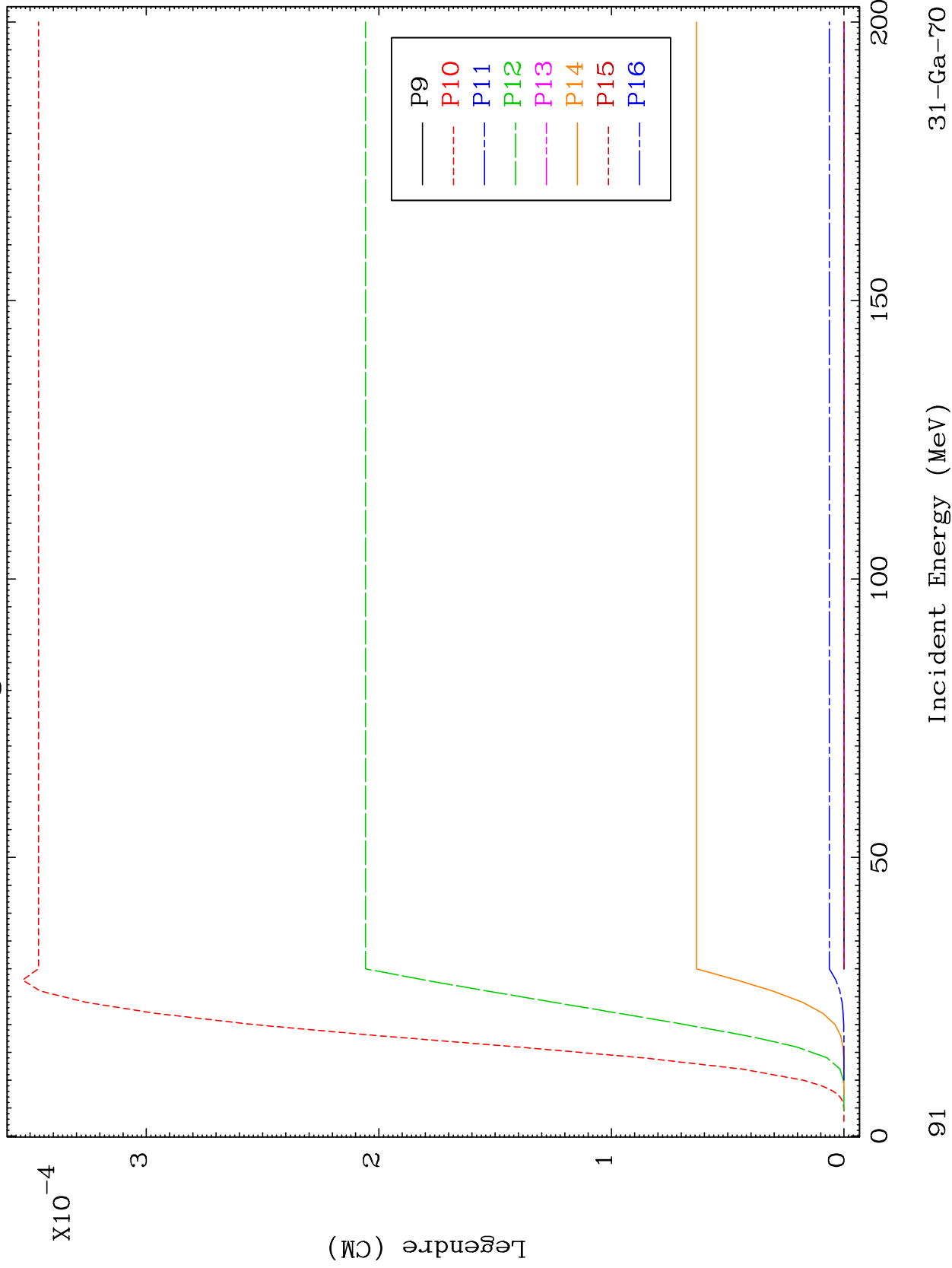
Incident Energy (MeV)

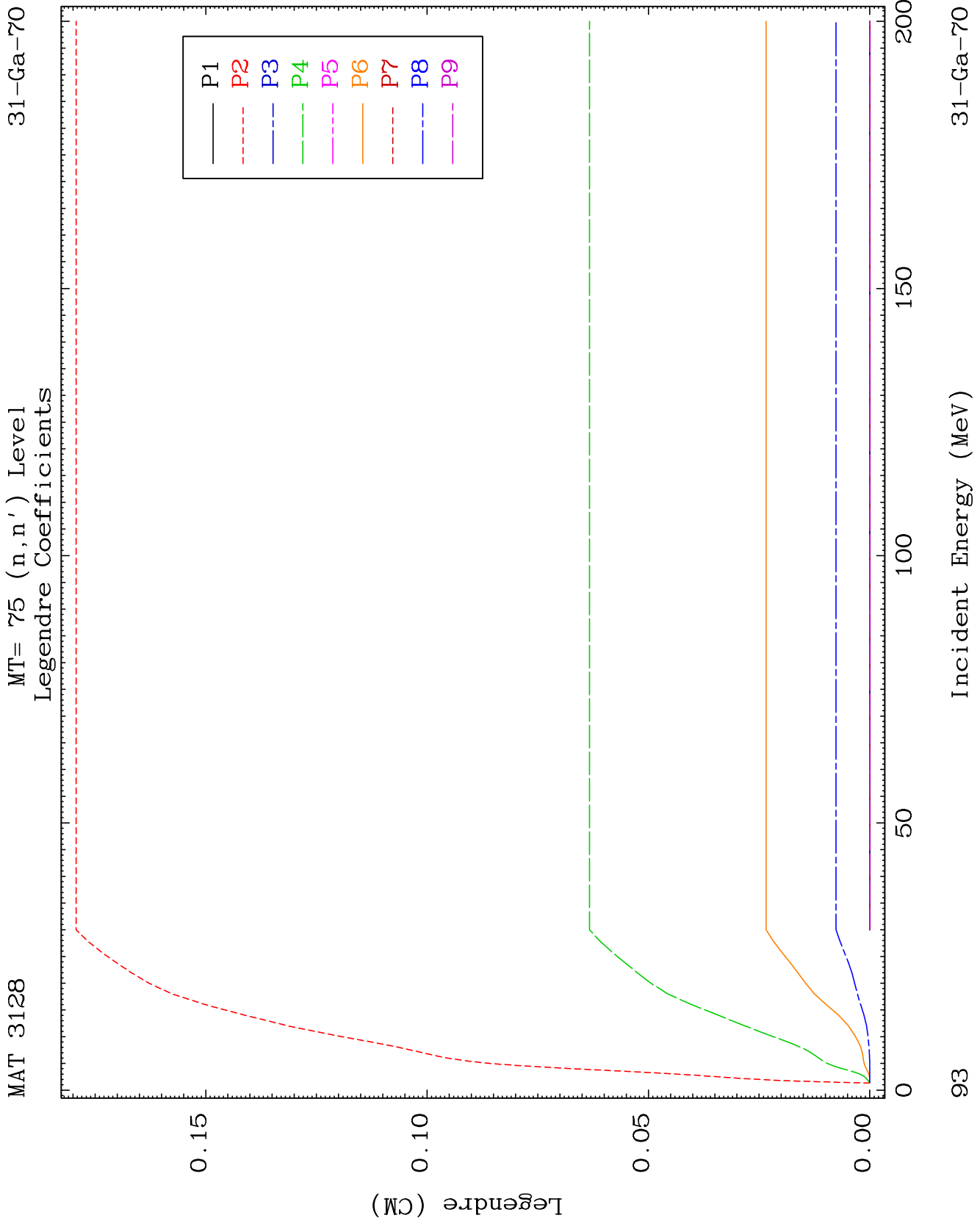
90

MAT 3128

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

31-Ga-70

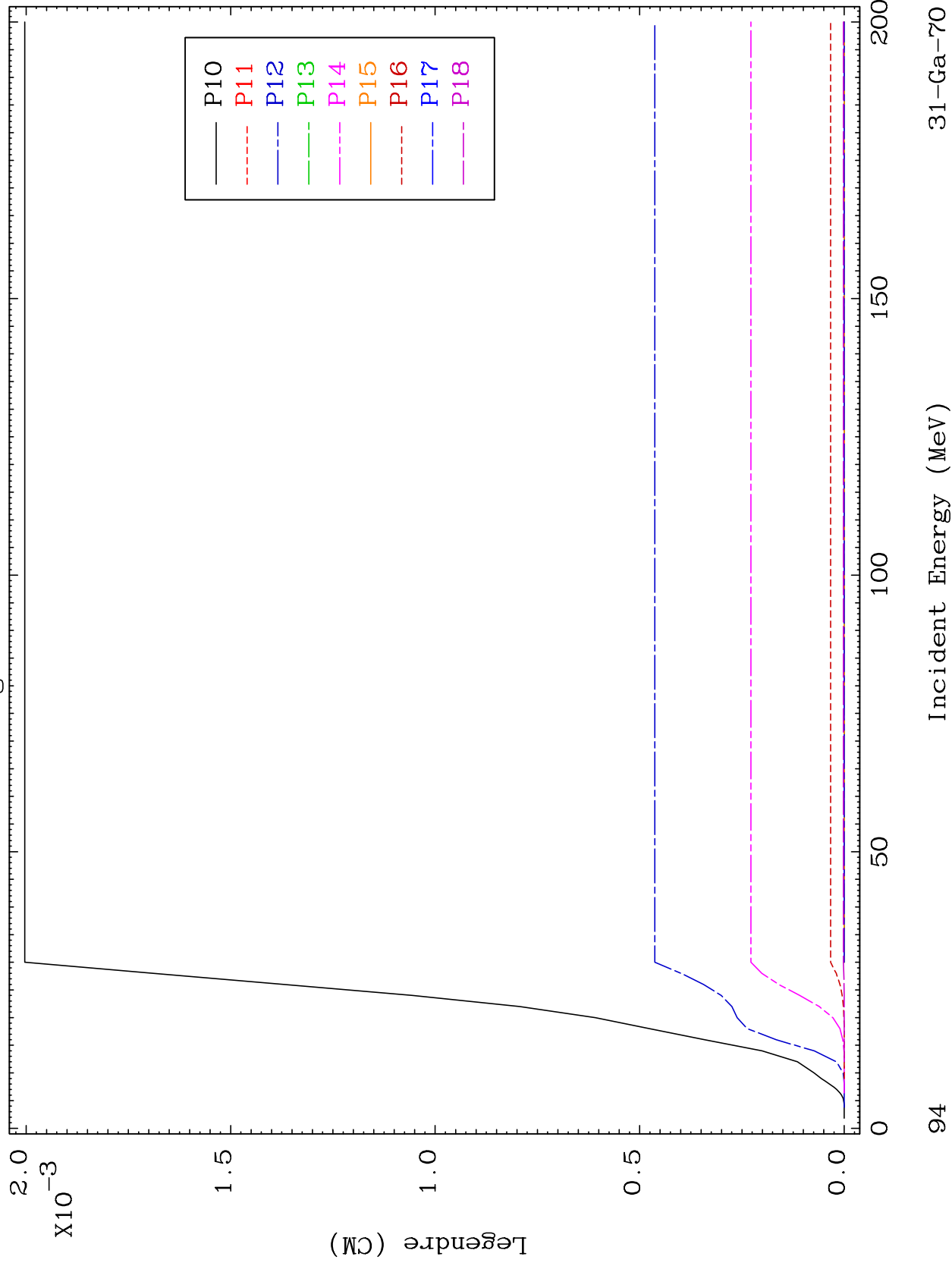




MAT 3128

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

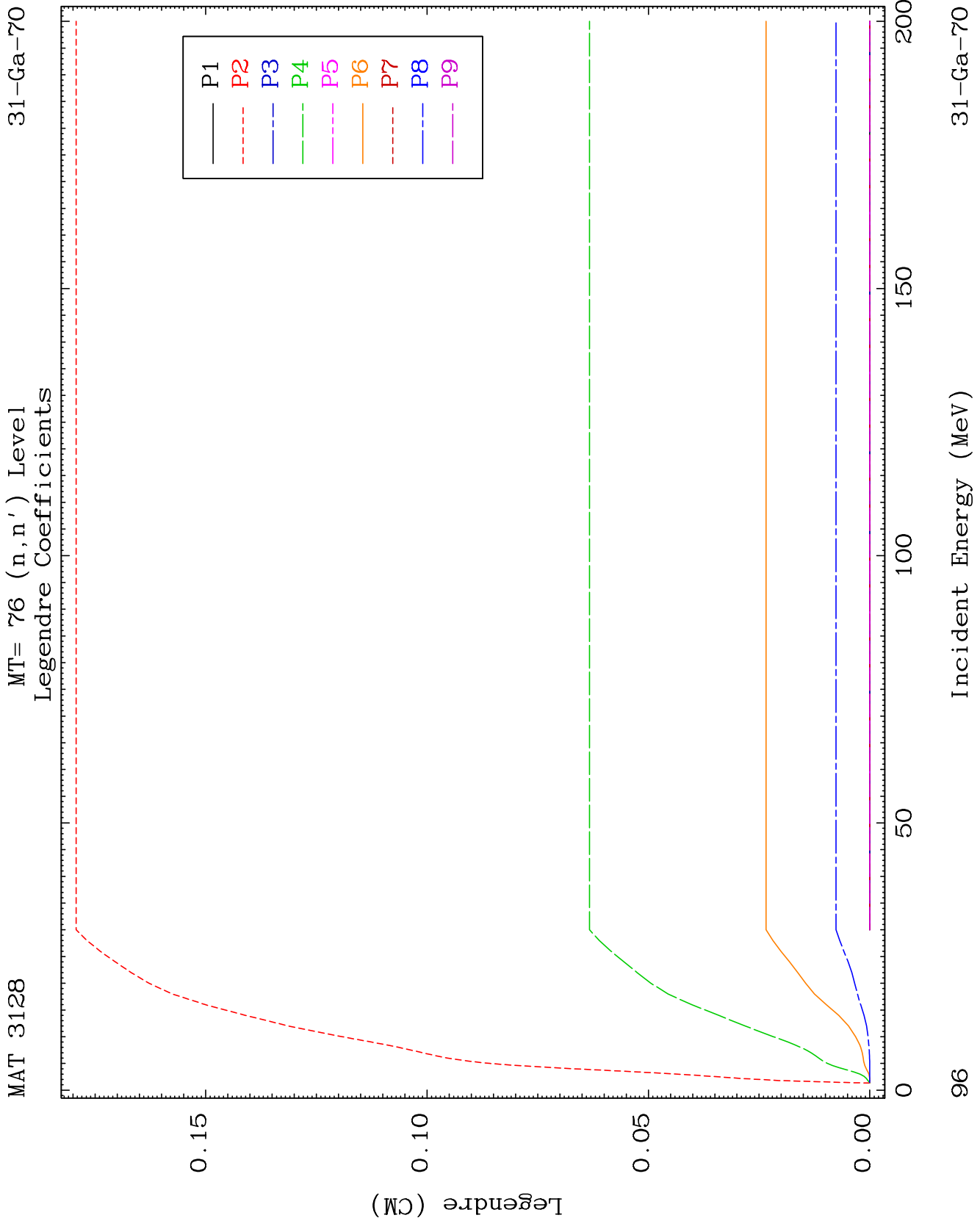
31-Ga-70



94

Incident Energy (MeV)

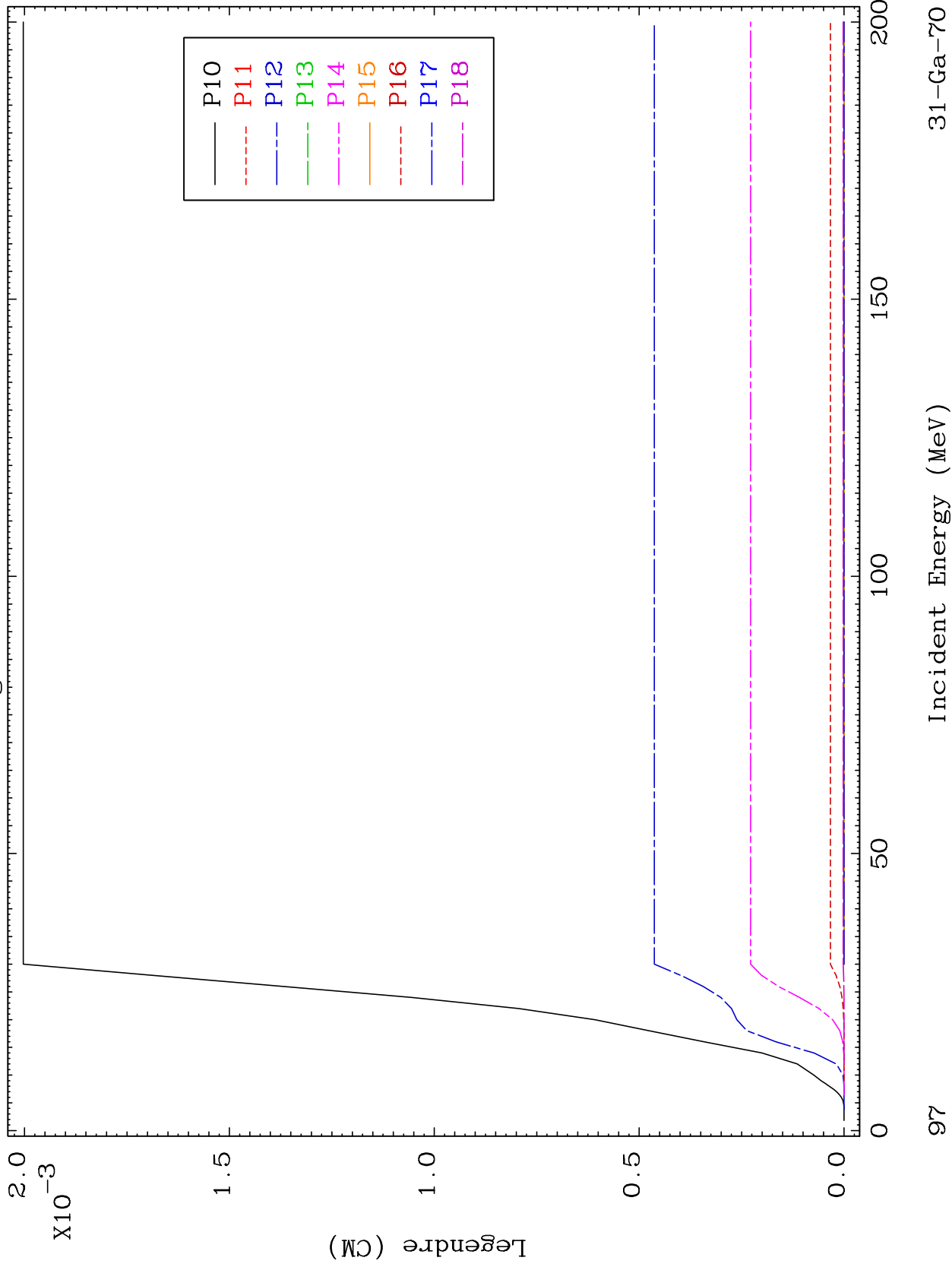
31-Ga-70



MAT 3128

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

³¹Ga-70



97

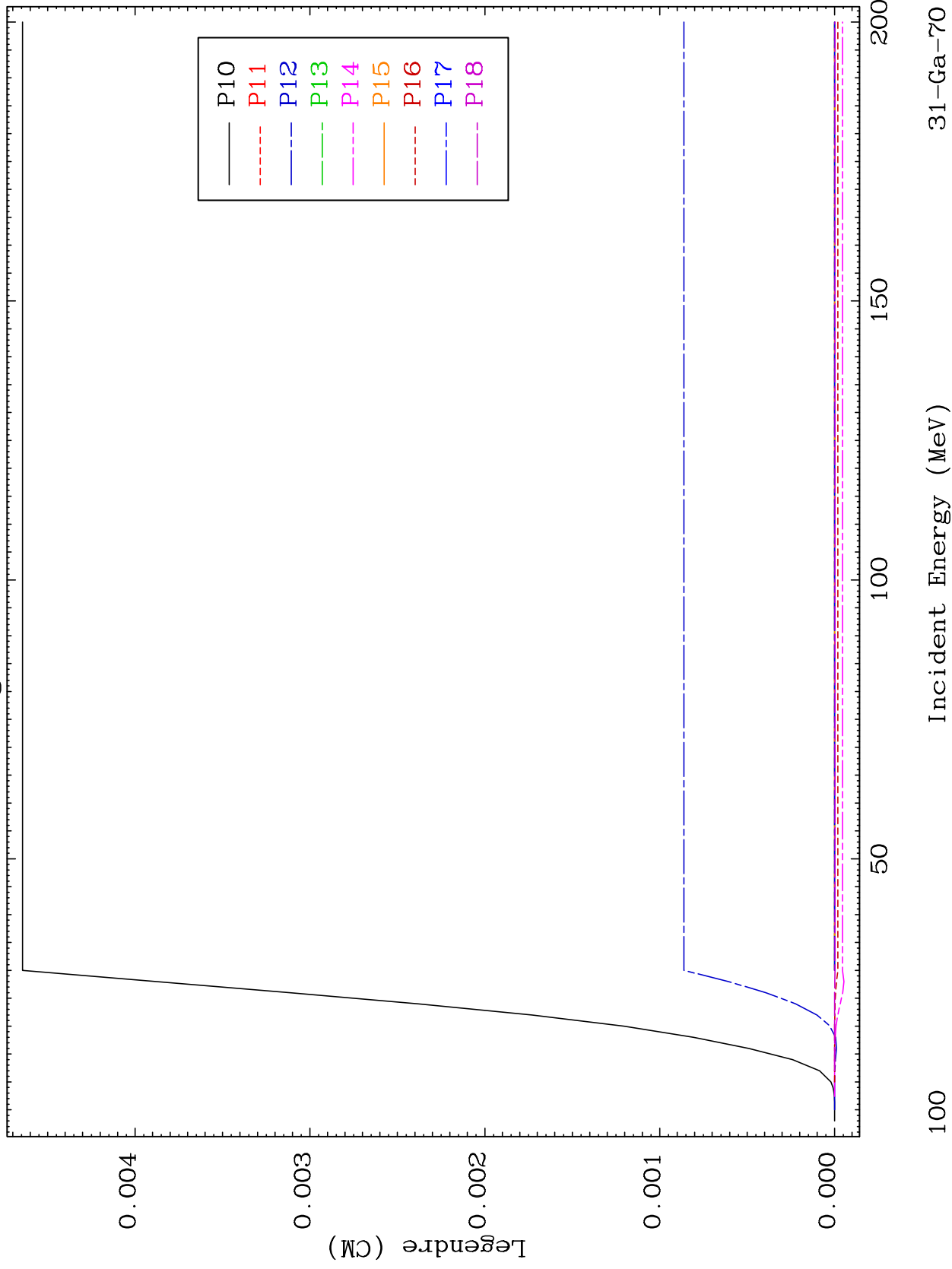
Incident Energy (MeV)

³¹Ga-70

MAT 3128

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

31-Ga-70



31-Ga-70

Incident Energy (MeV)

100

50

100

150

200

0.004

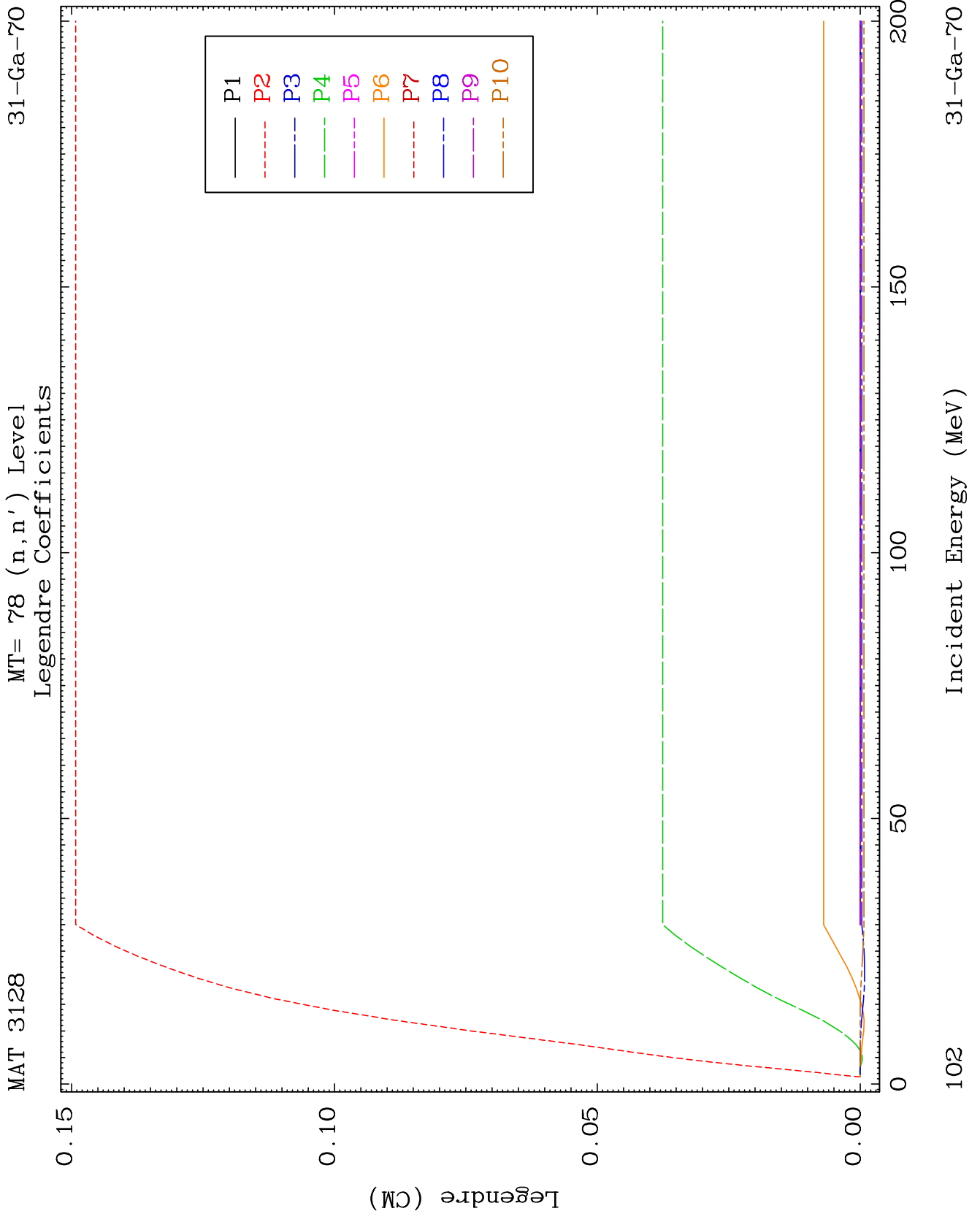
0.003

0.002

0.001

0.000

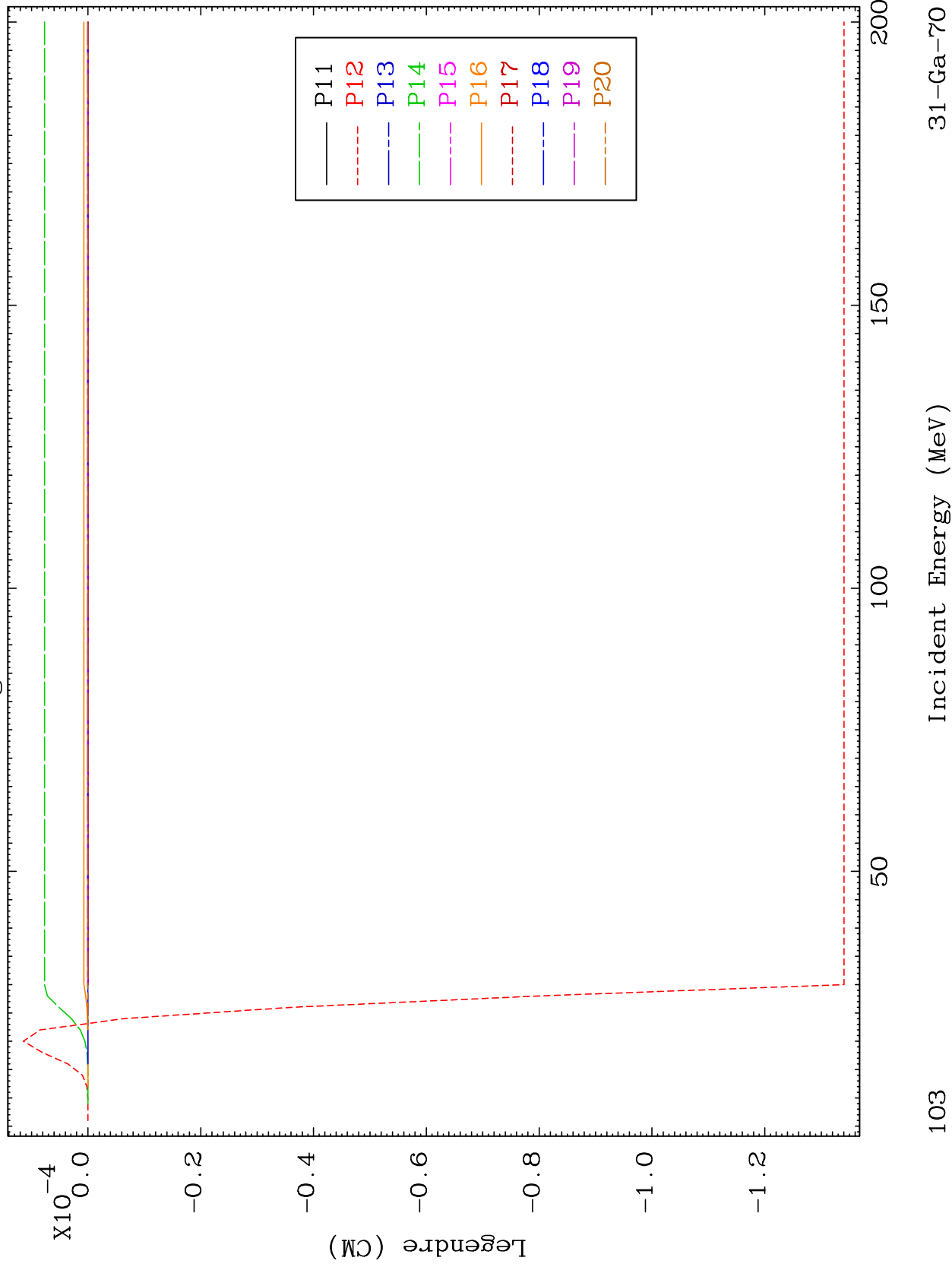
Legendre (CM)



MAT 3128

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

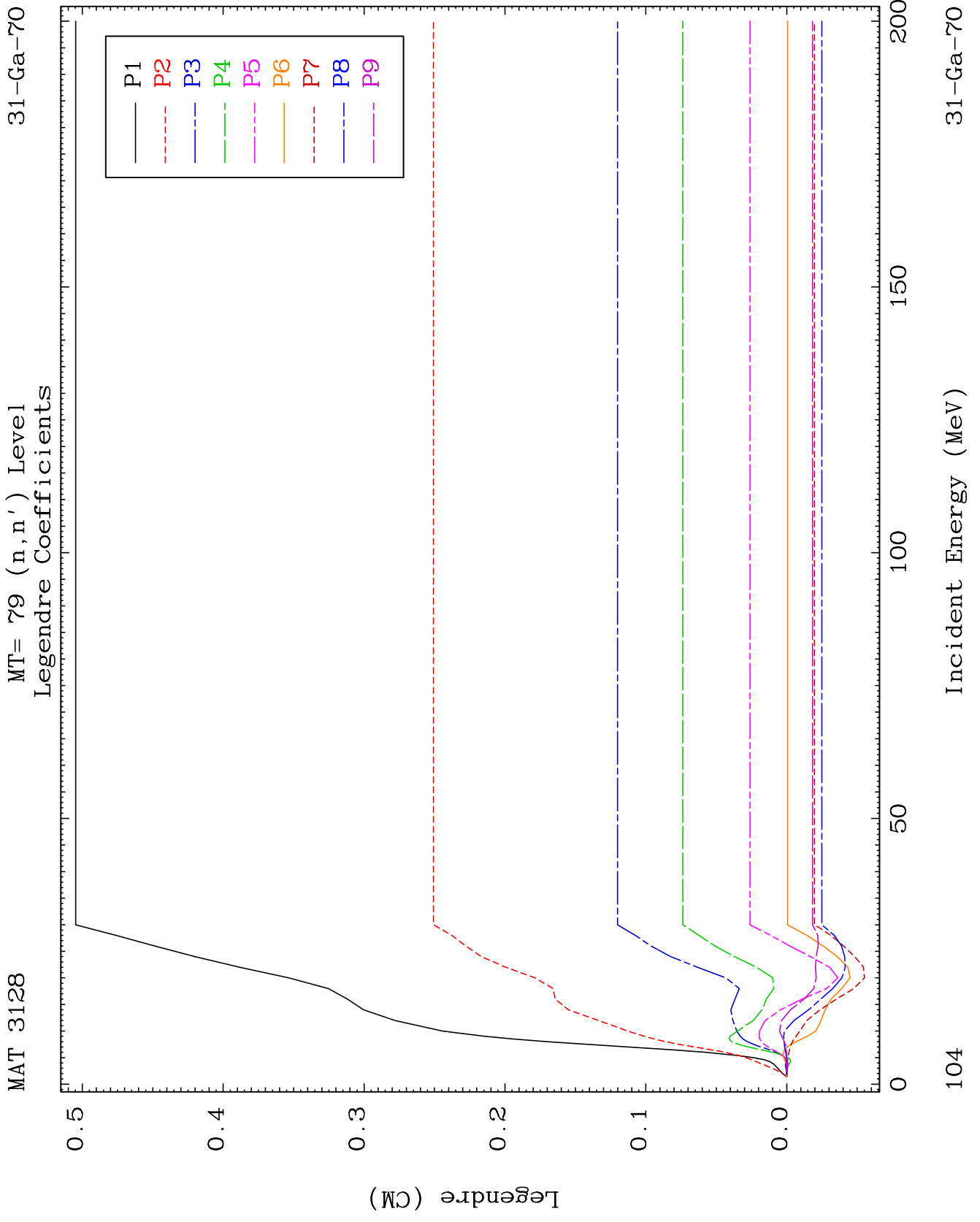
31-Ga-70



103

Incident Energy (MeV)

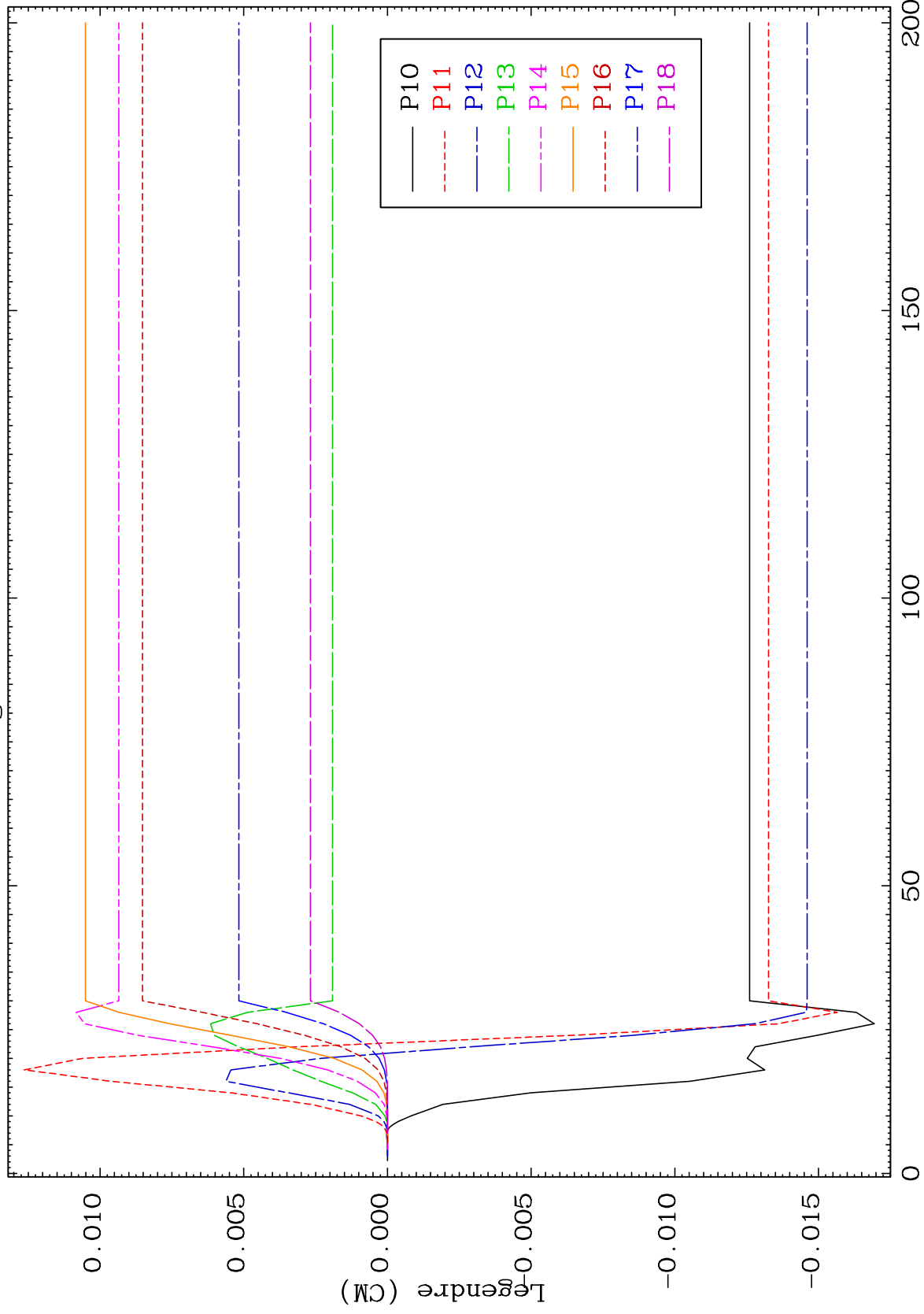
31-Ga-70



MAT 3128

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

31-Ga-70



105

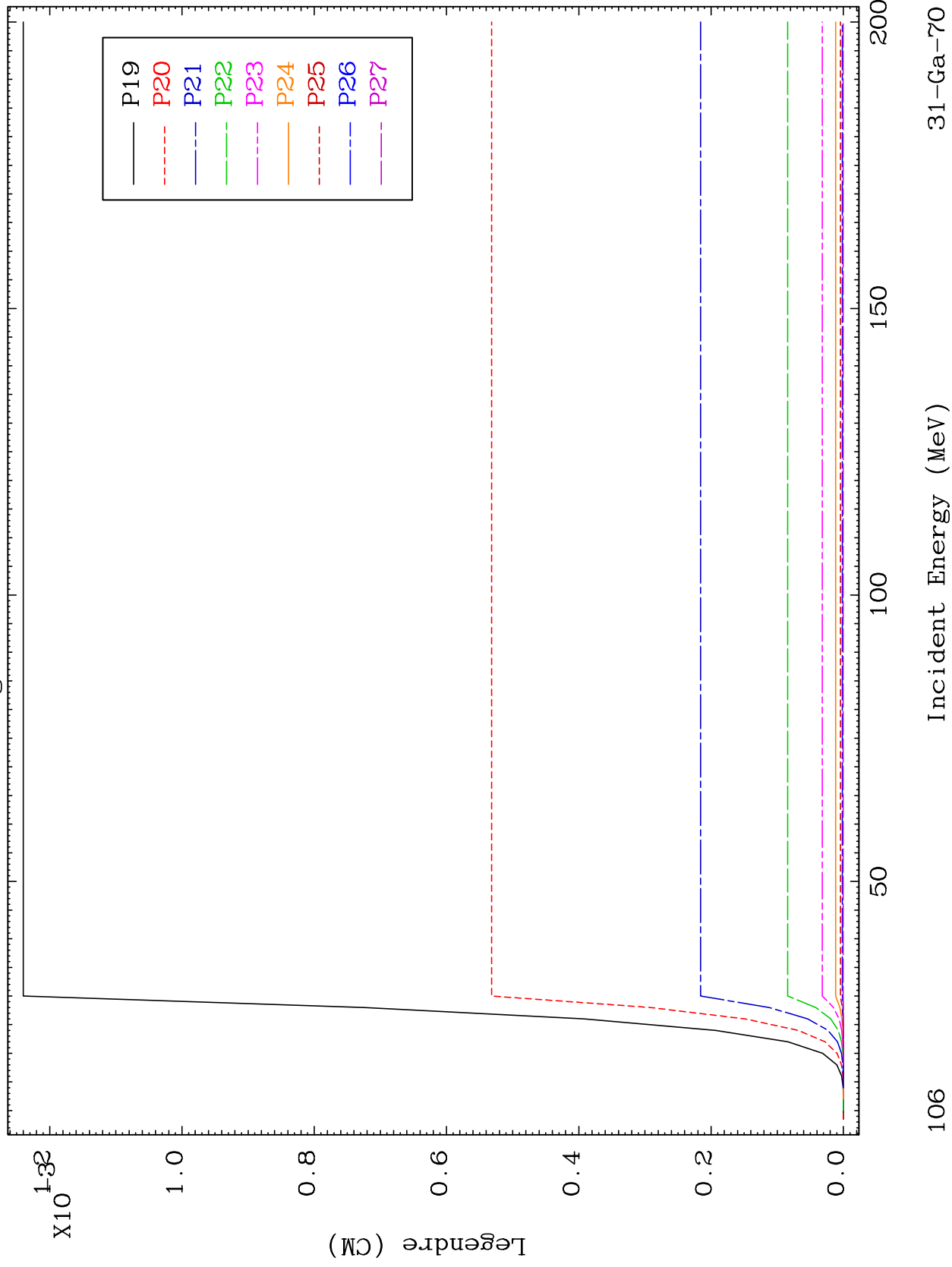
Incident Energy (MeV)

31-Ga-70

MAT 3128

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

31-Ga-70



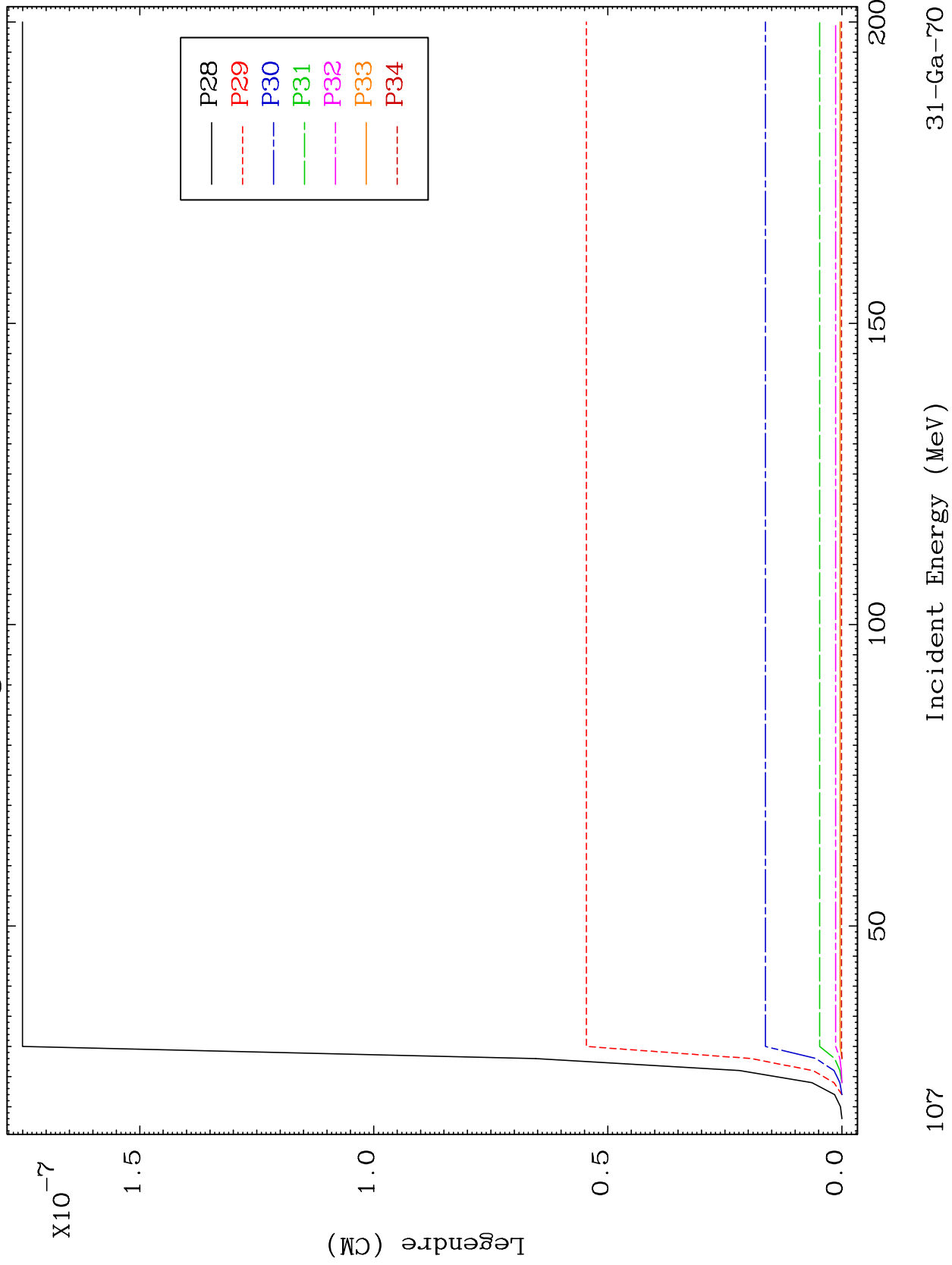
106

31-Ga-70

MAT 3128

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

31-Ga-70



107

Incident Energy (MeV)

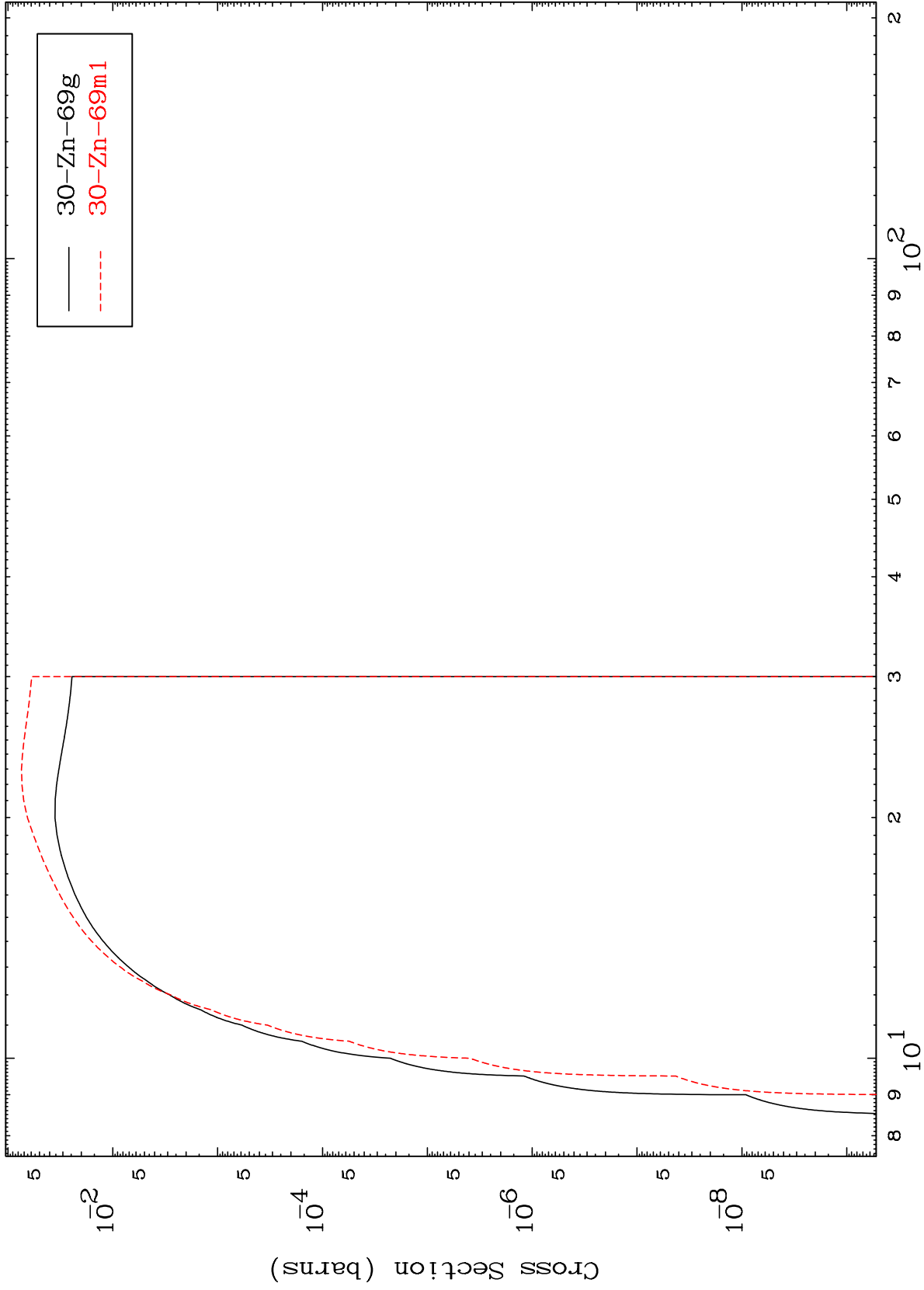
31-Ga-70

MAT 3128

(n, n') p

$^{31}\text{Ga}-70$

Radionuclide Production Cross Section

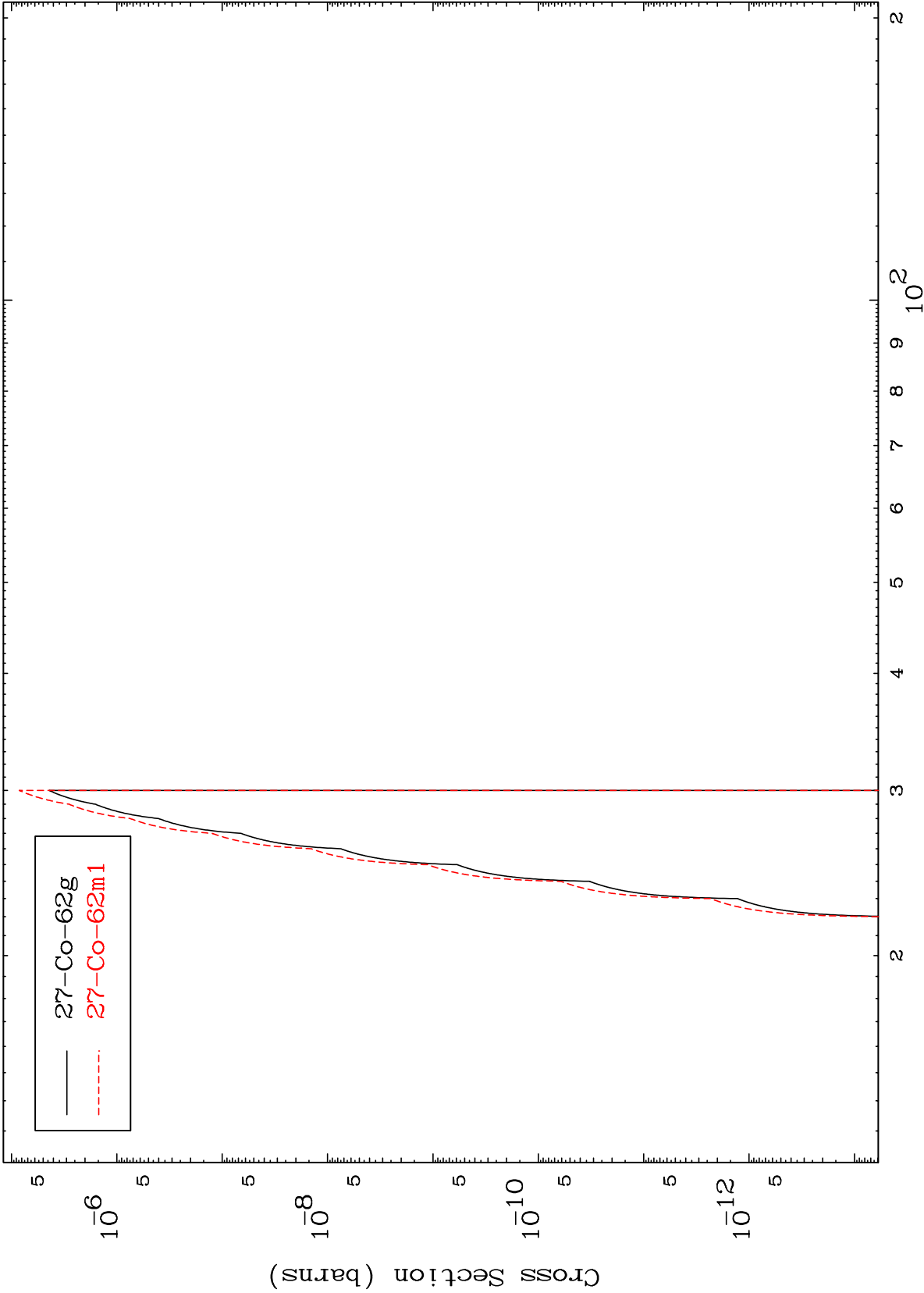


108

Incident Energy (MeV)

$^{31}\text{Ga}-70$

Radionuclide Production Cross Section

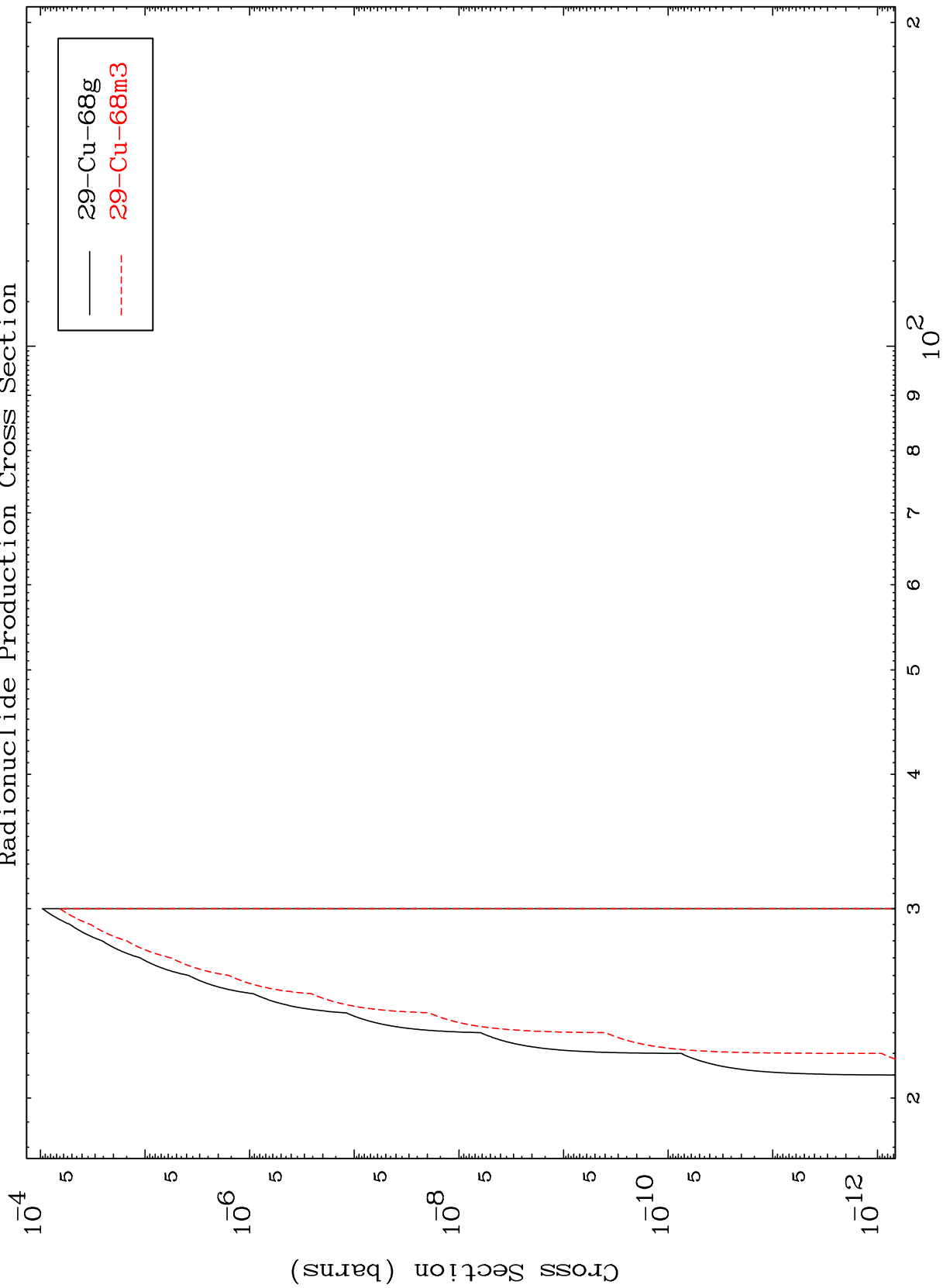


MAT 3128

(n,2n) p

31-Ga-70

Radionuclide Production Cross Section

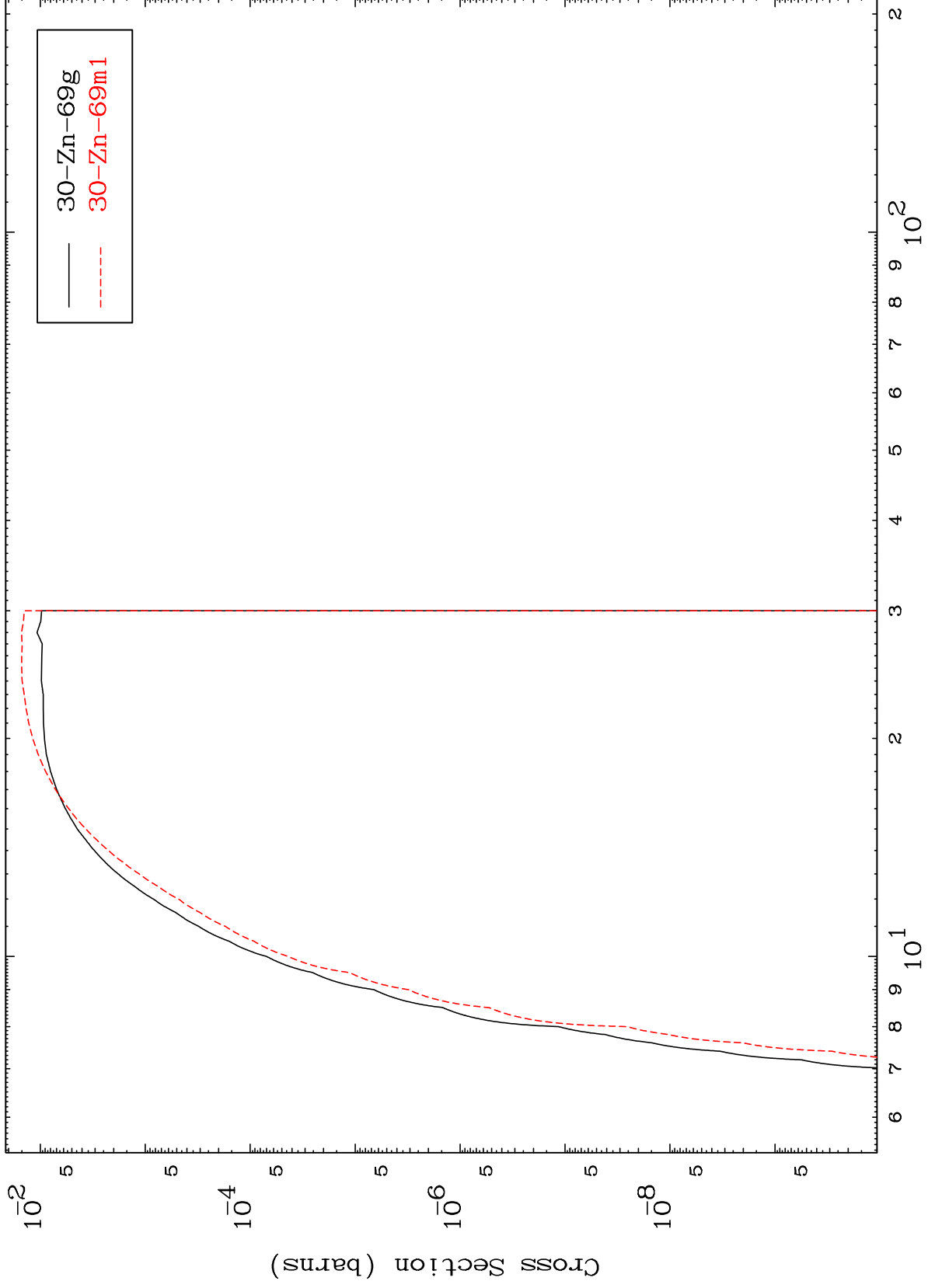


110

Incident Energy (MeV)

31-Ga-70

(n,d)
Radionuclide Production Cross Section

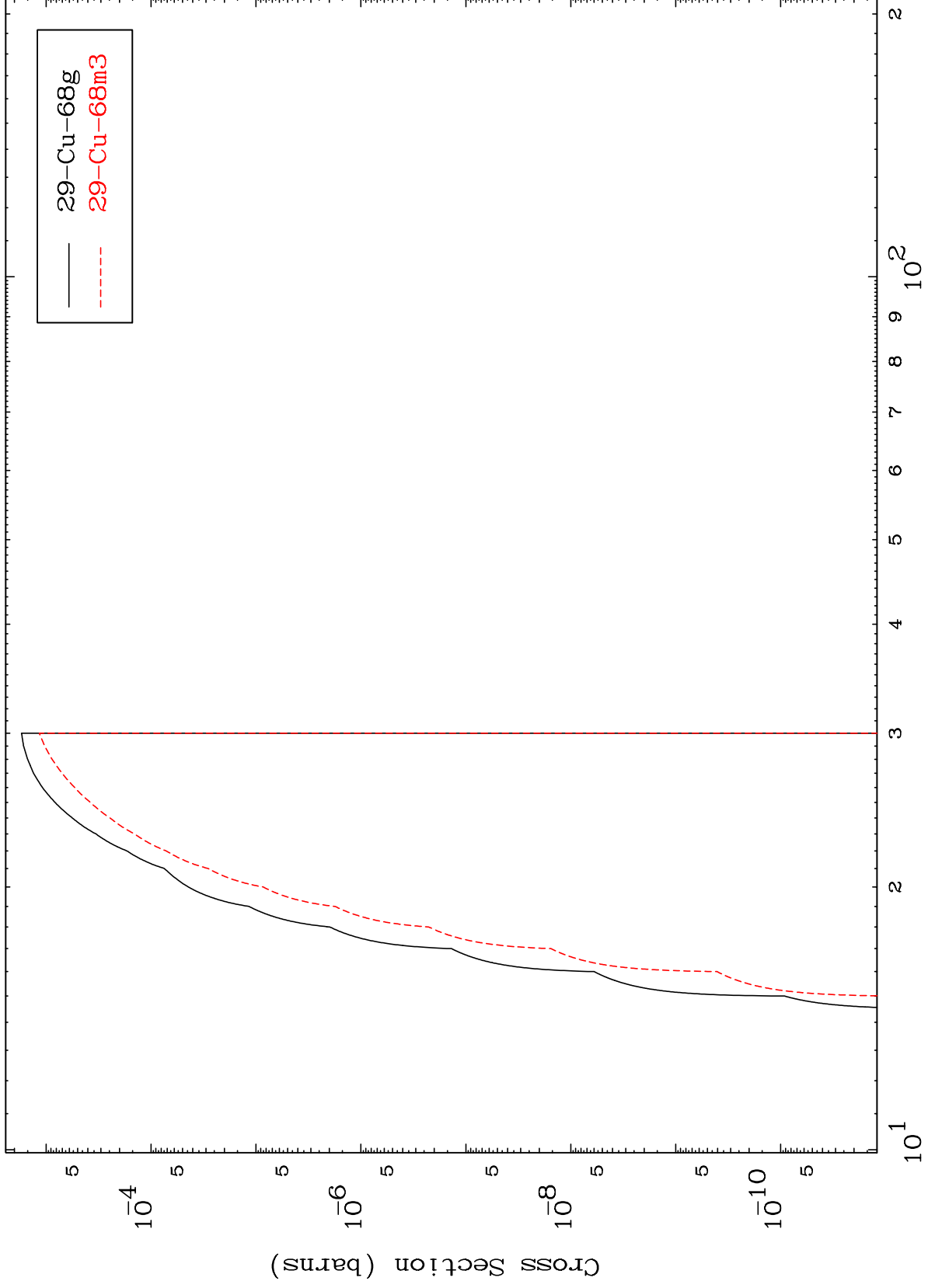


MAT 3128

(n,He-3)

31-Ga-70

Radionuclide Production Cross Section



112

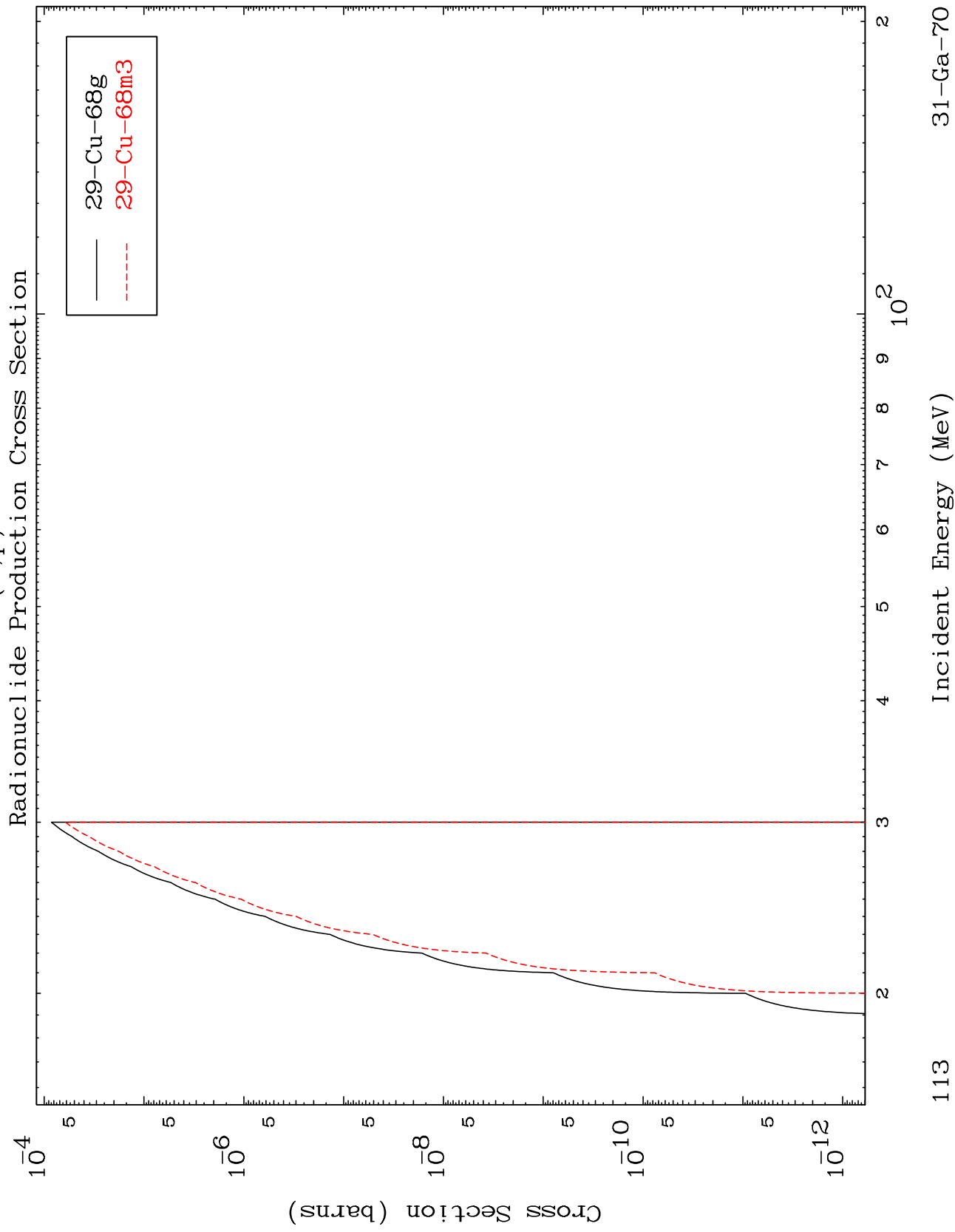
Incident Energy (MeV)

31-Ga-70

MAT 3128

(n,p) d

31-Ga-70



113