

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

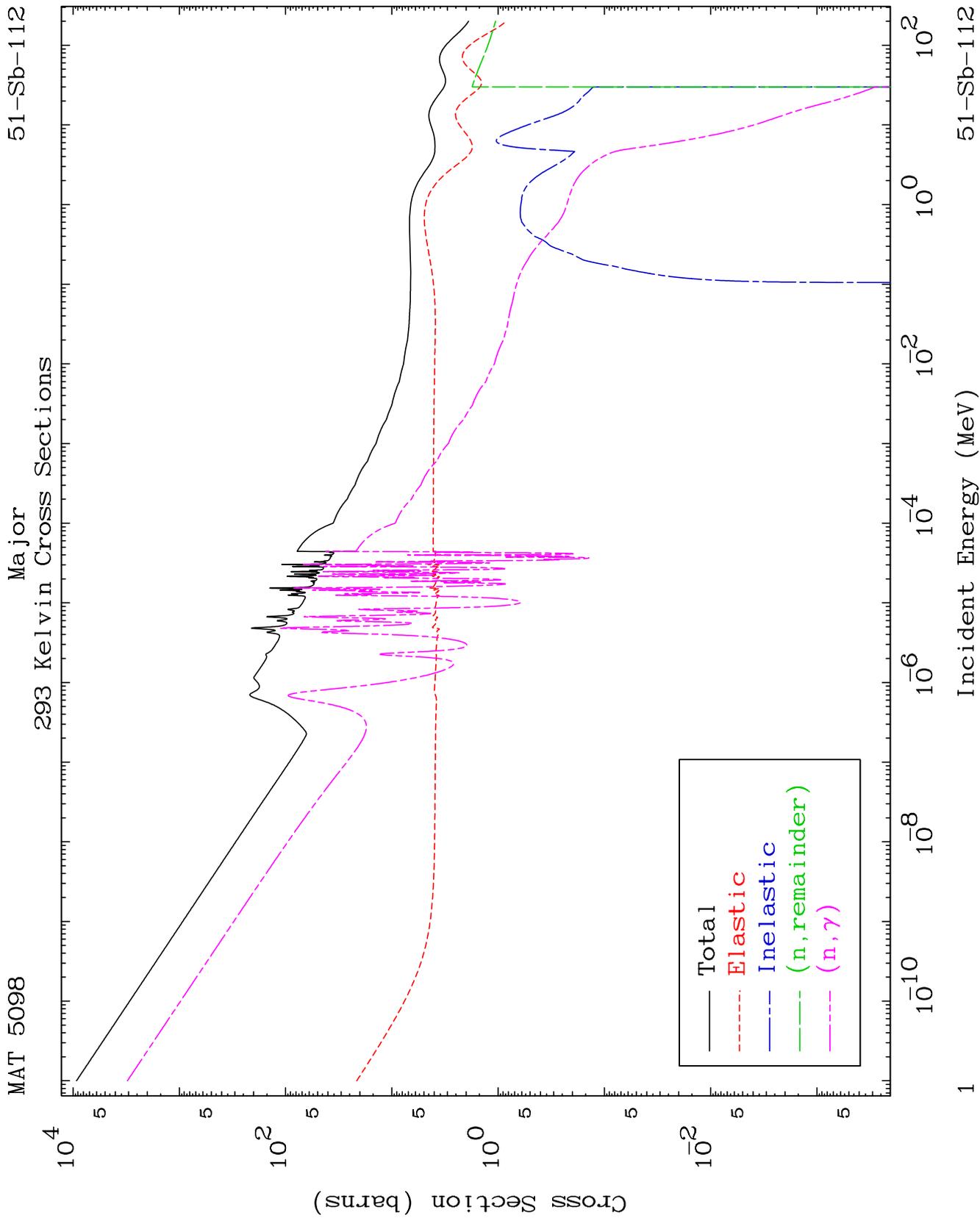
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Web: redcullen1.net/HOMEPAGE.NEW

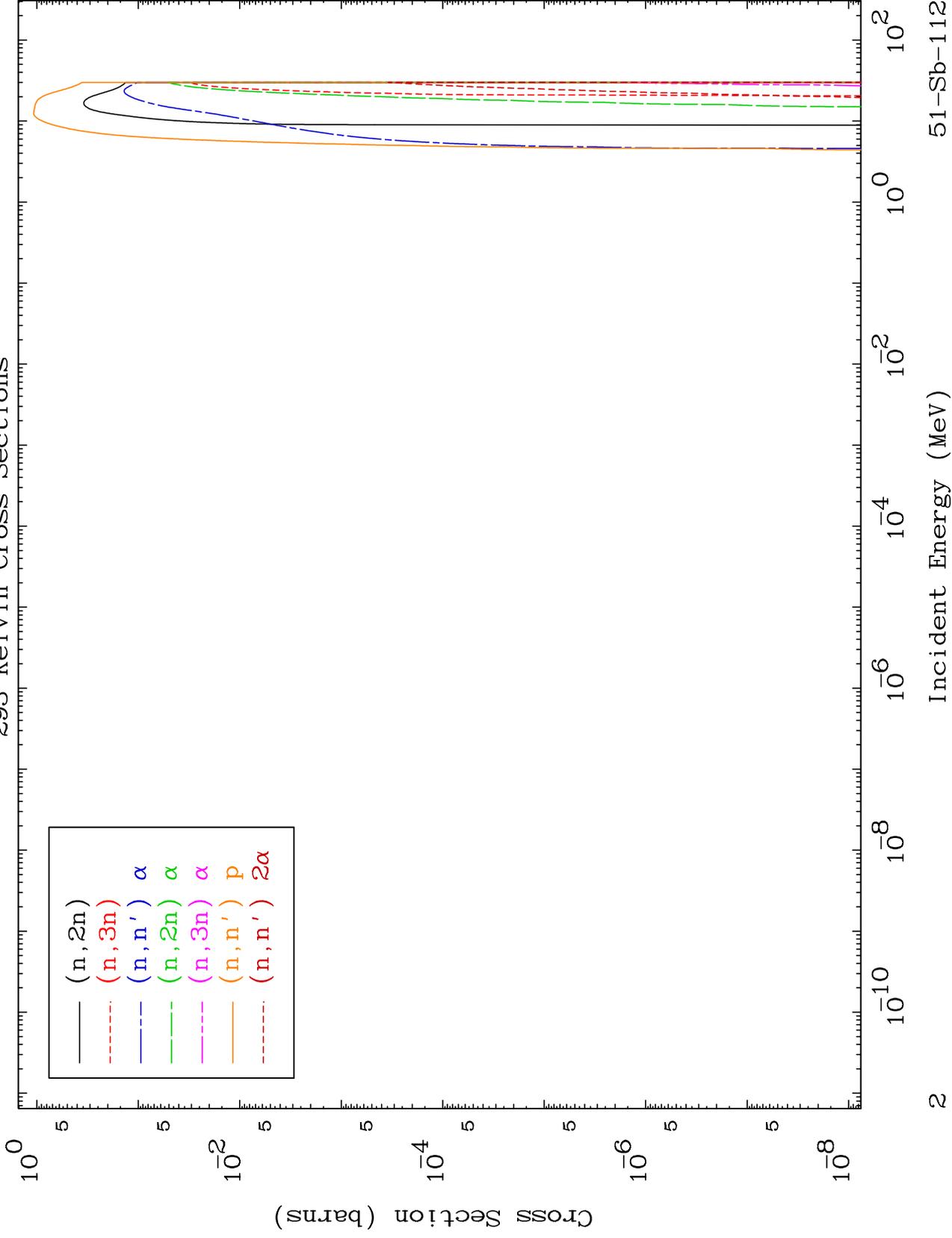
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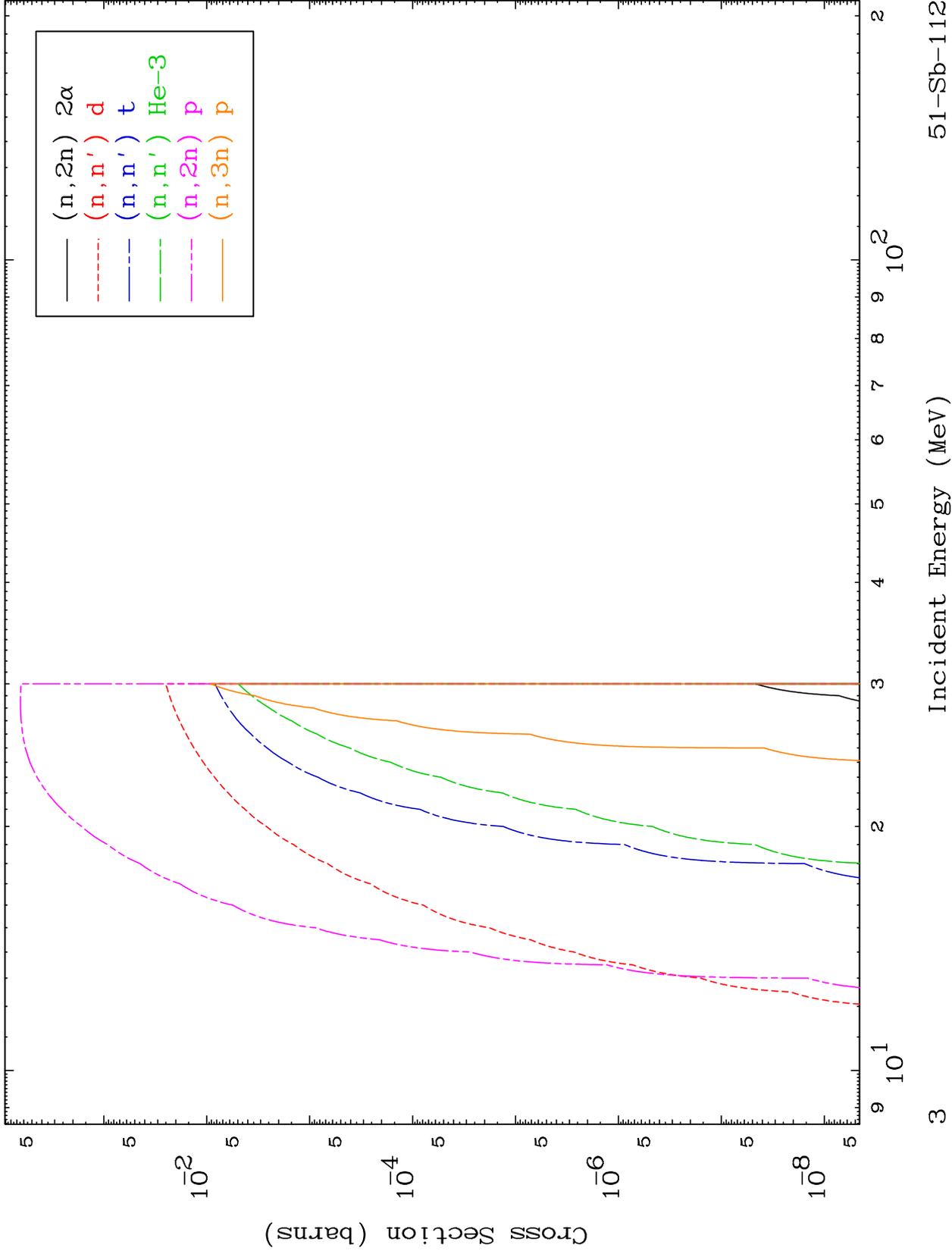


MAT 5098

Neutron Production
293 Kelvin Cross Sections

51-Sb-112

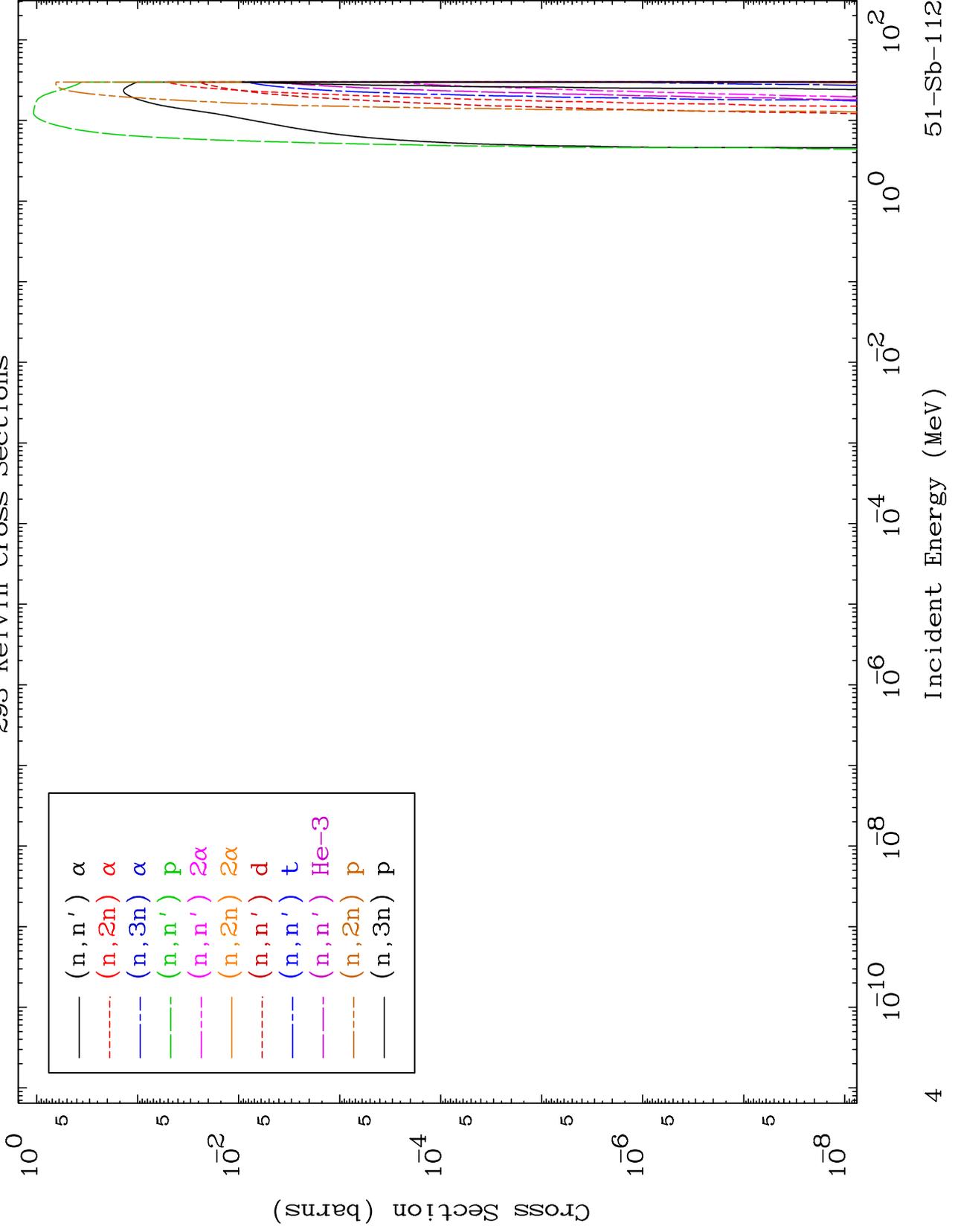




MAT 5098

Charged Particle
293 Kelvin Cross Sections

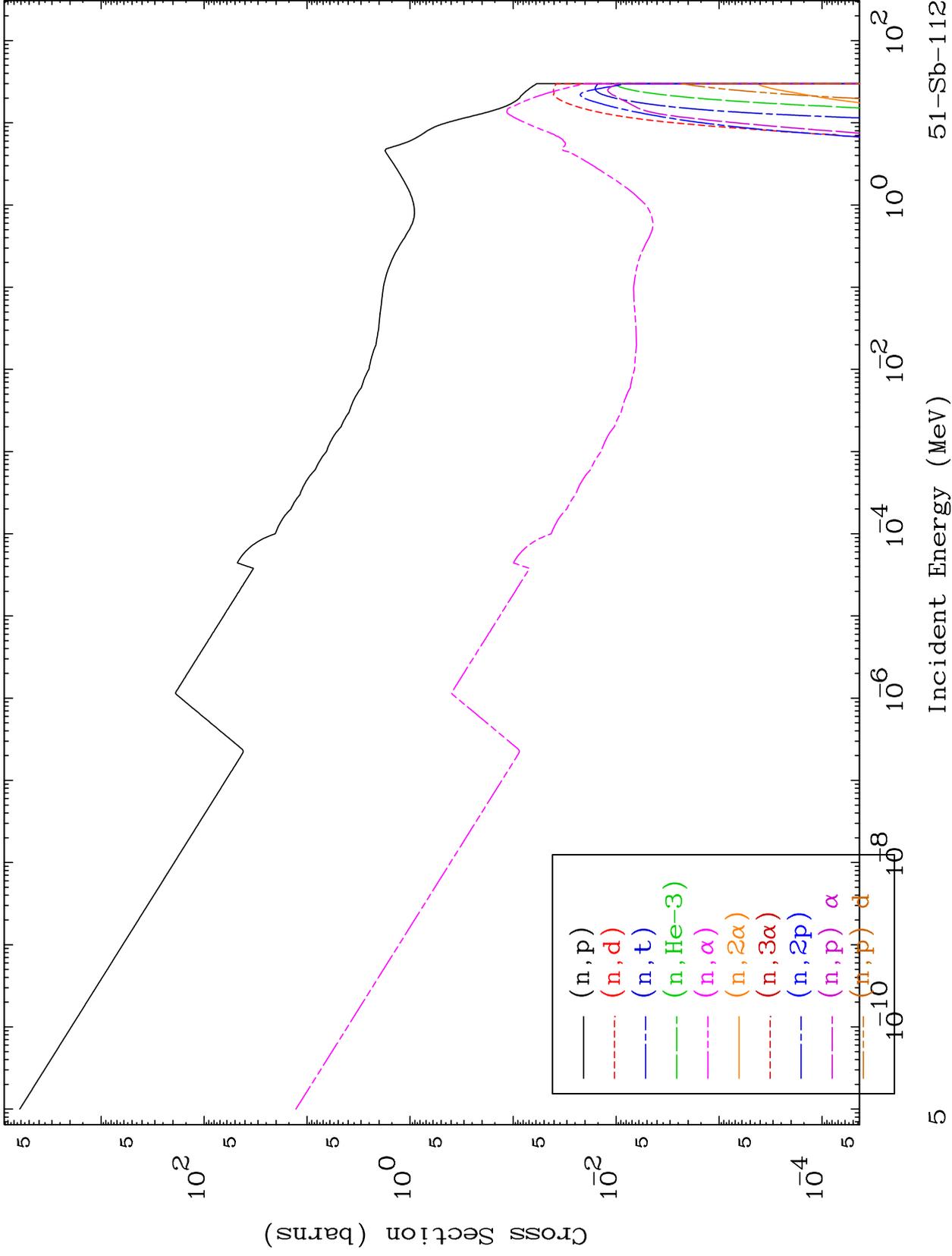
51-Sb-112



MAT 5098

Charged Particle
293 Kelvin Cross Sections

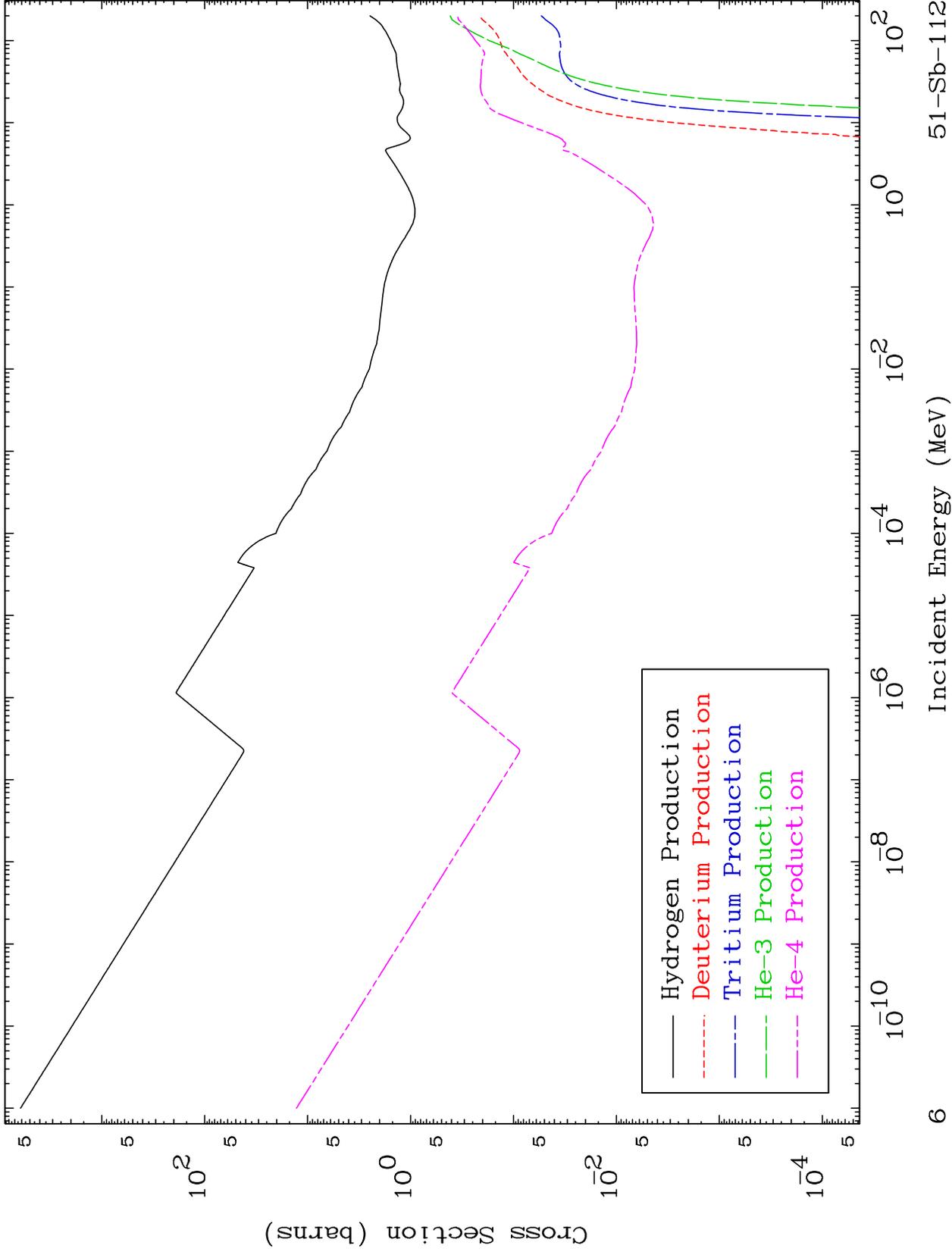
51-Sb-112



MAT 5098

Particle Production
293 Kelvin Cross Sections

51-Sb-112

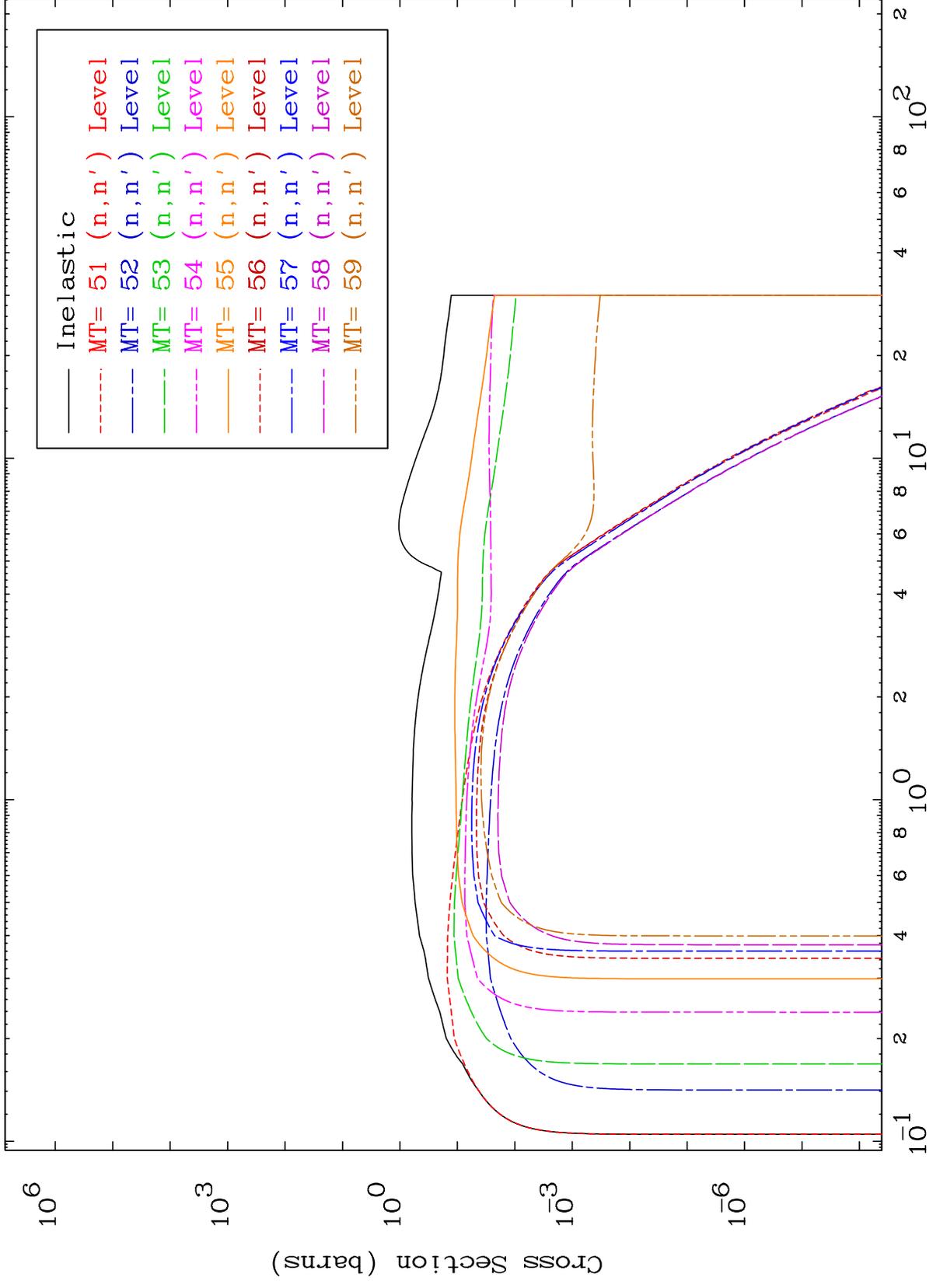


MAT 5098

(n,n') Level

51-Sb-112

293 Kelvin Cross Sections

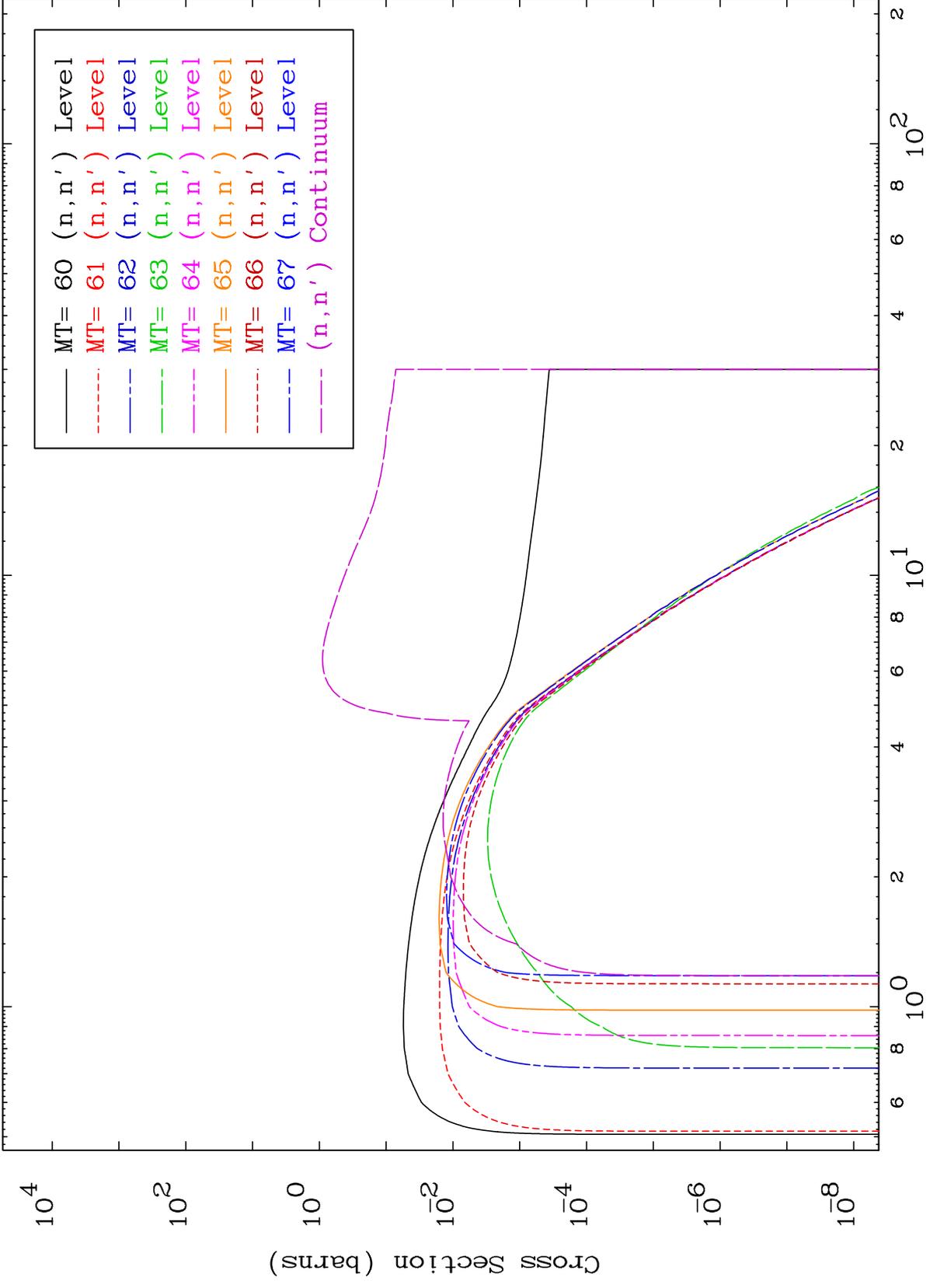


Incident Energy (MeV)

51-Sb-112

7

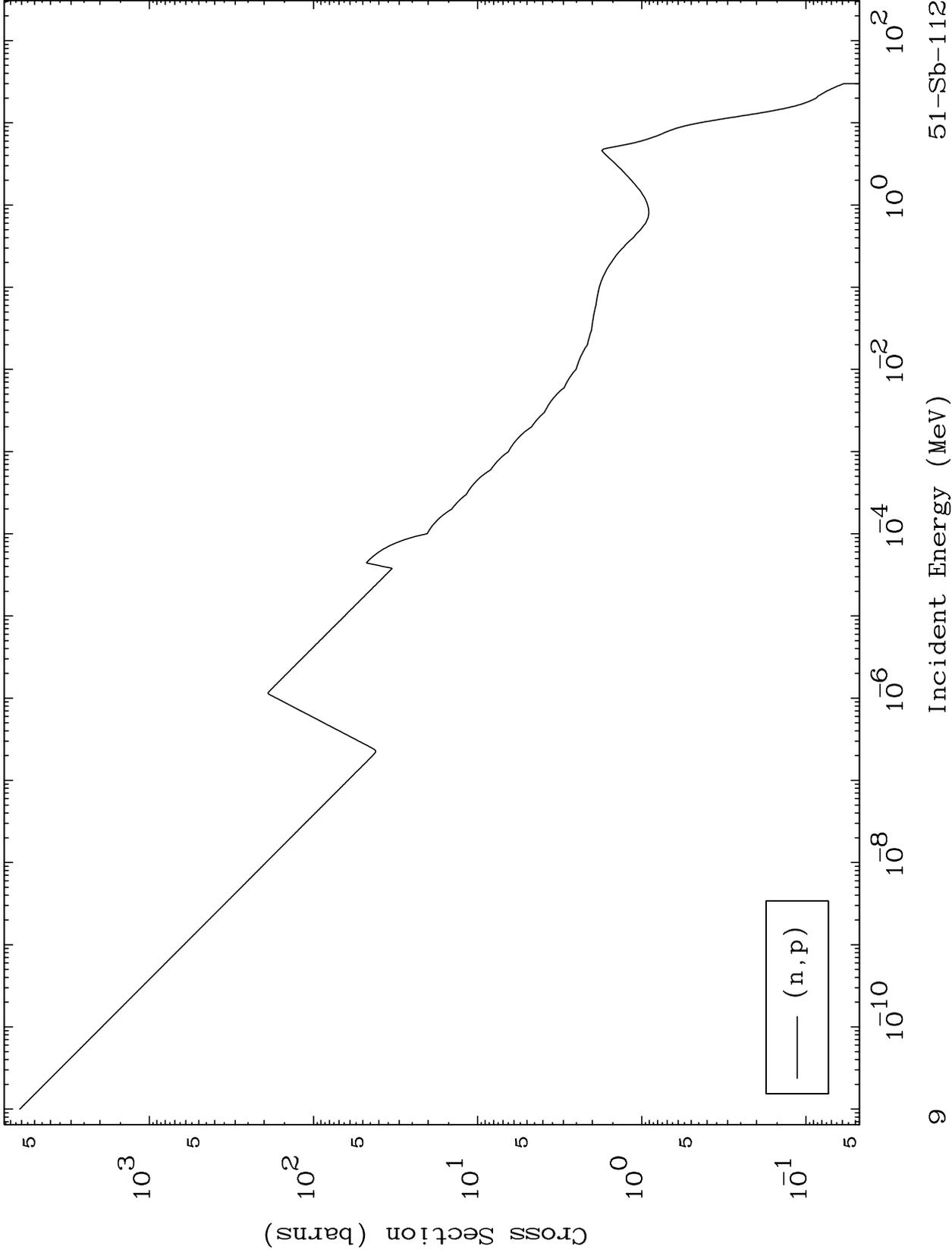
293 Kelvin Cross Sections



MAT 5098

(n,p) Levels
293 Kelvin Cross Sections

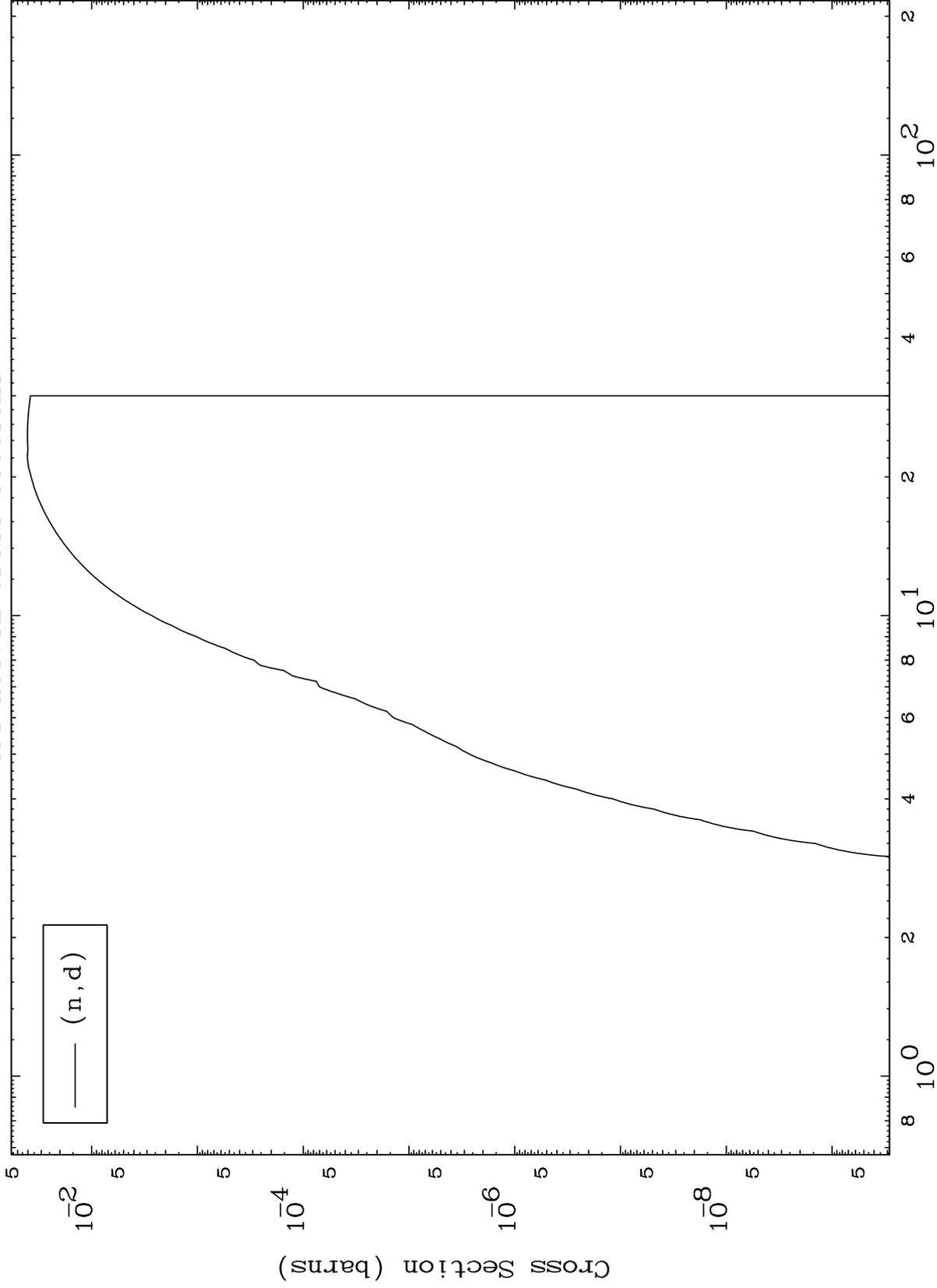
51-Sb-112



MAT 5098

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-112



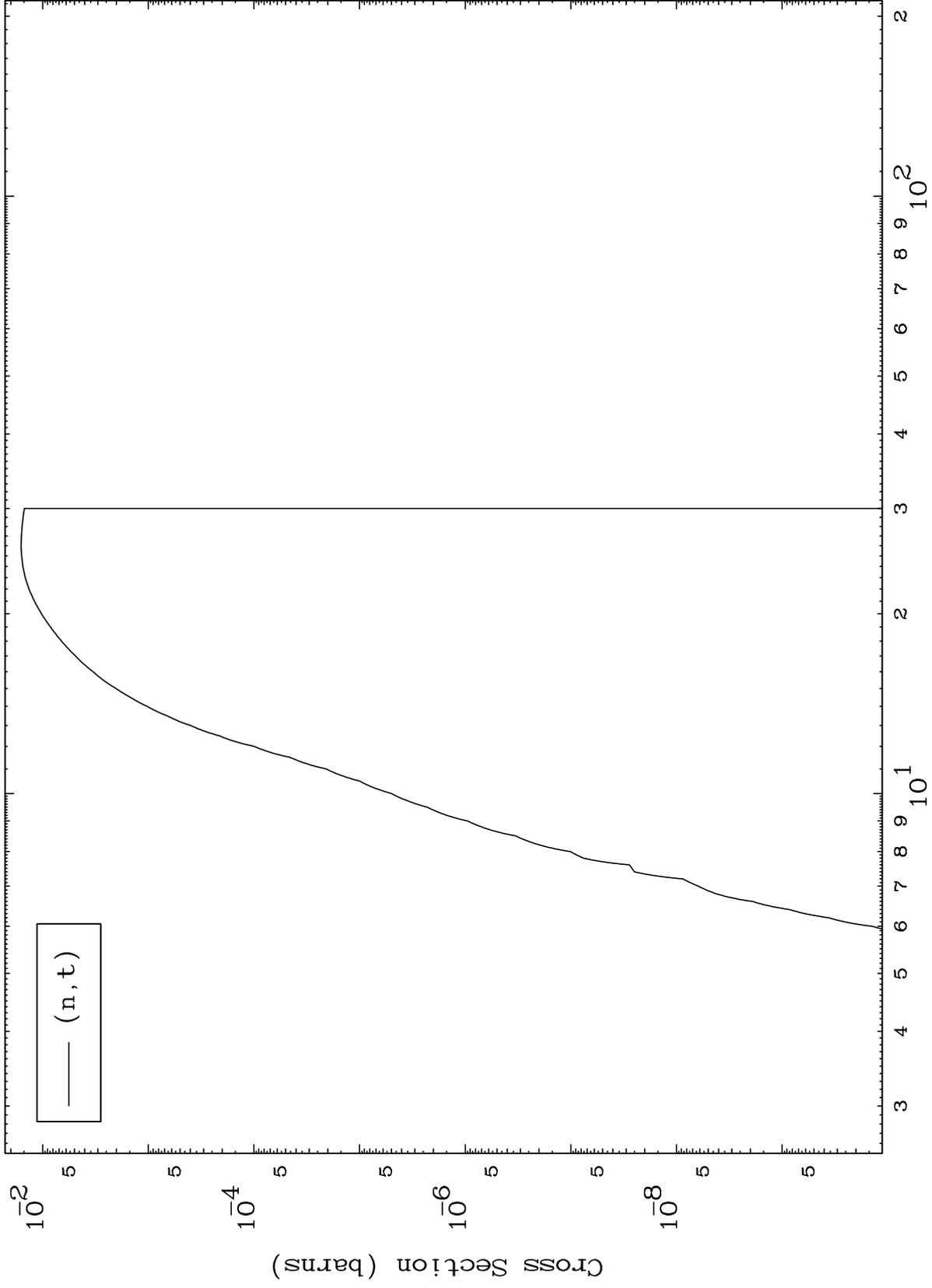
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-112



11

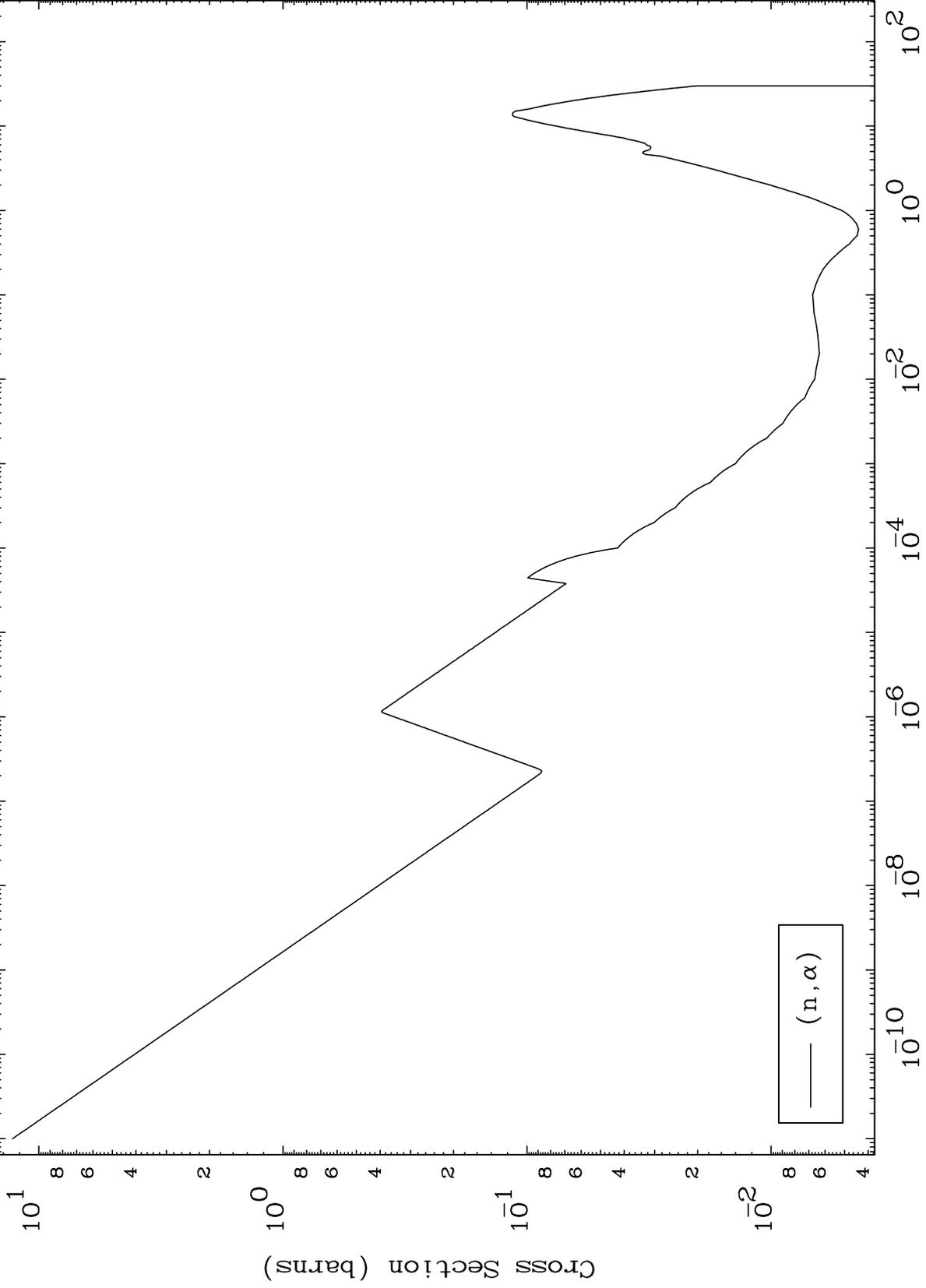
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,α) Levels
293 Kelvin Cross Sections

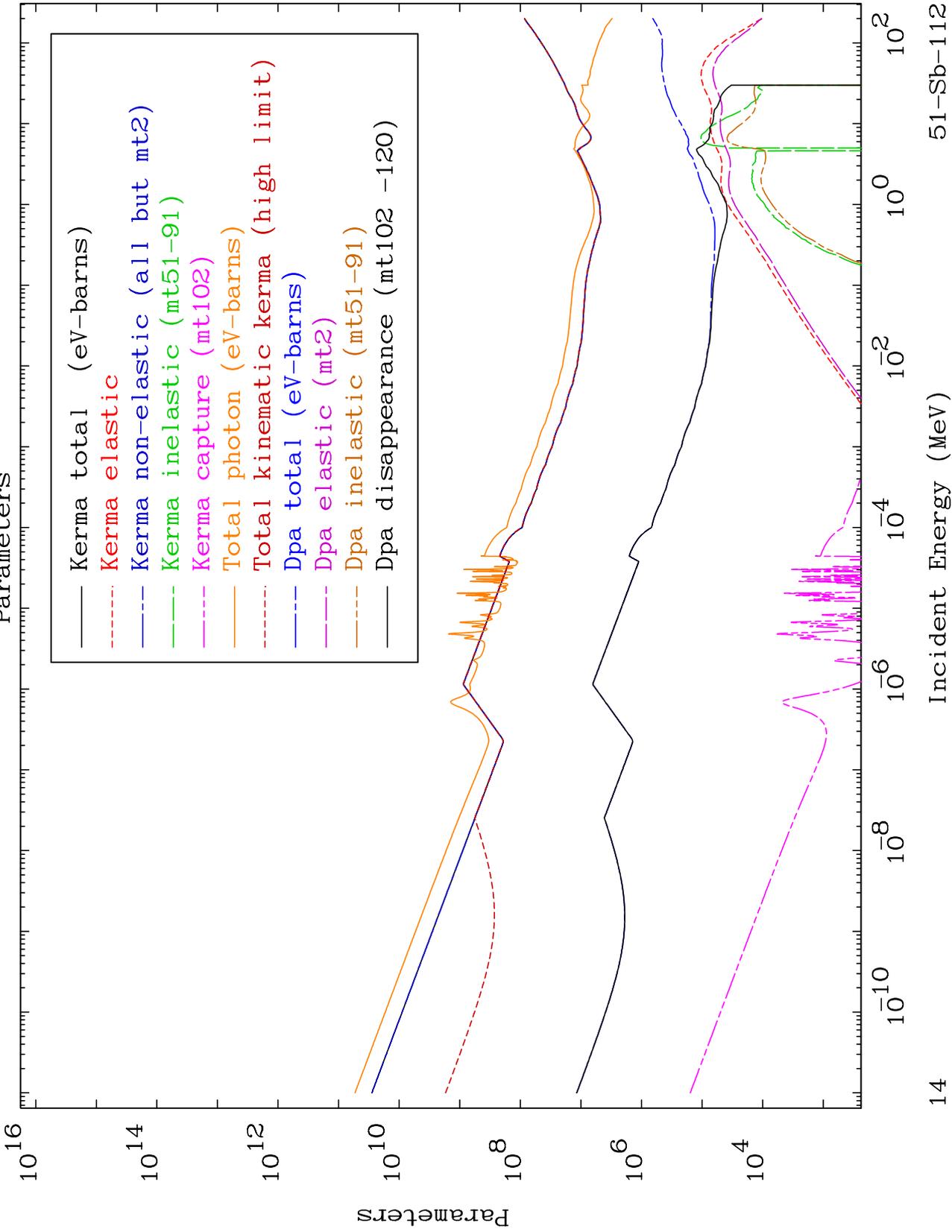
51-Sb-112



13

Incident Energy (MeV)

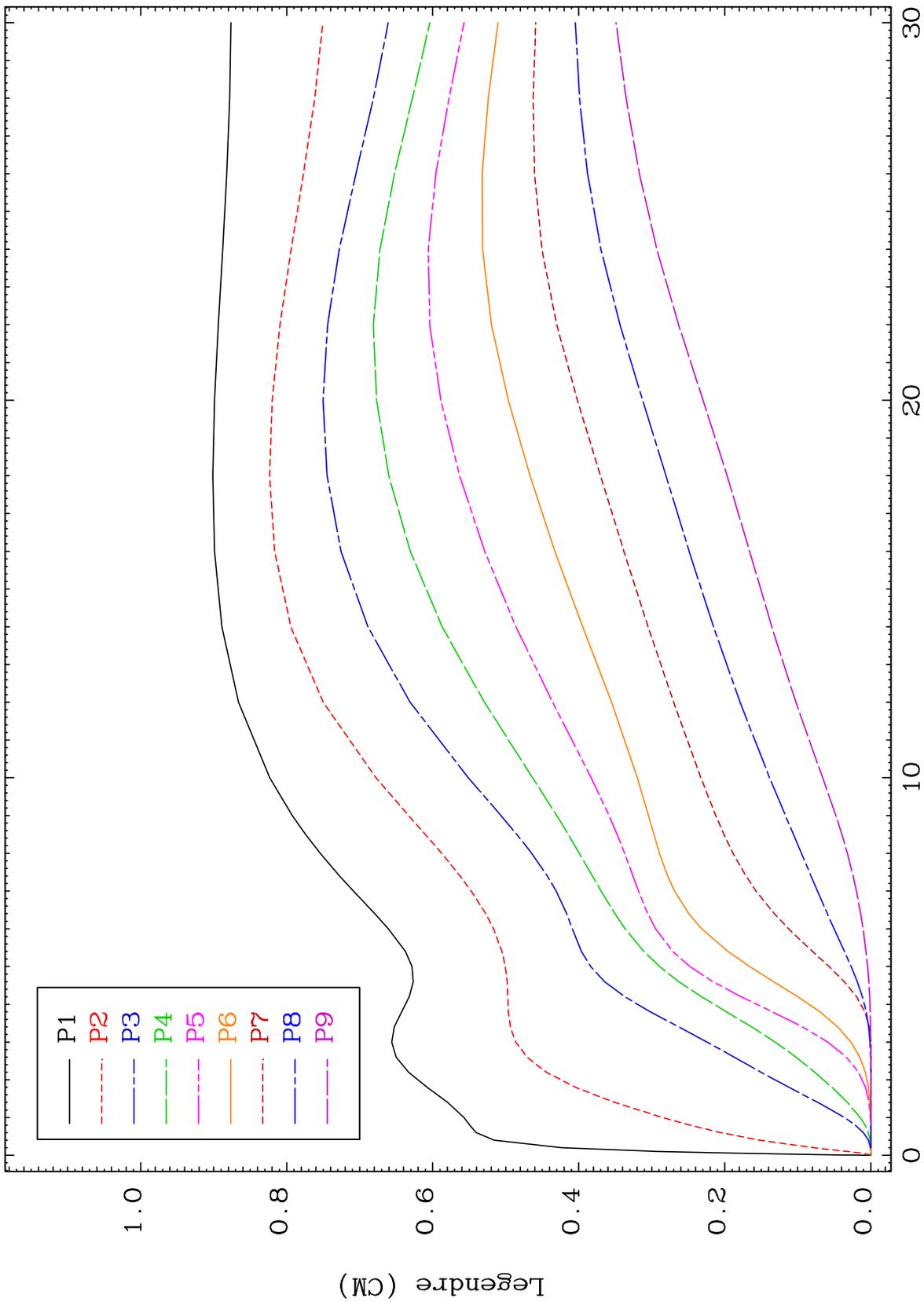
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MAT 5098

Elastic Legendre Coefficients

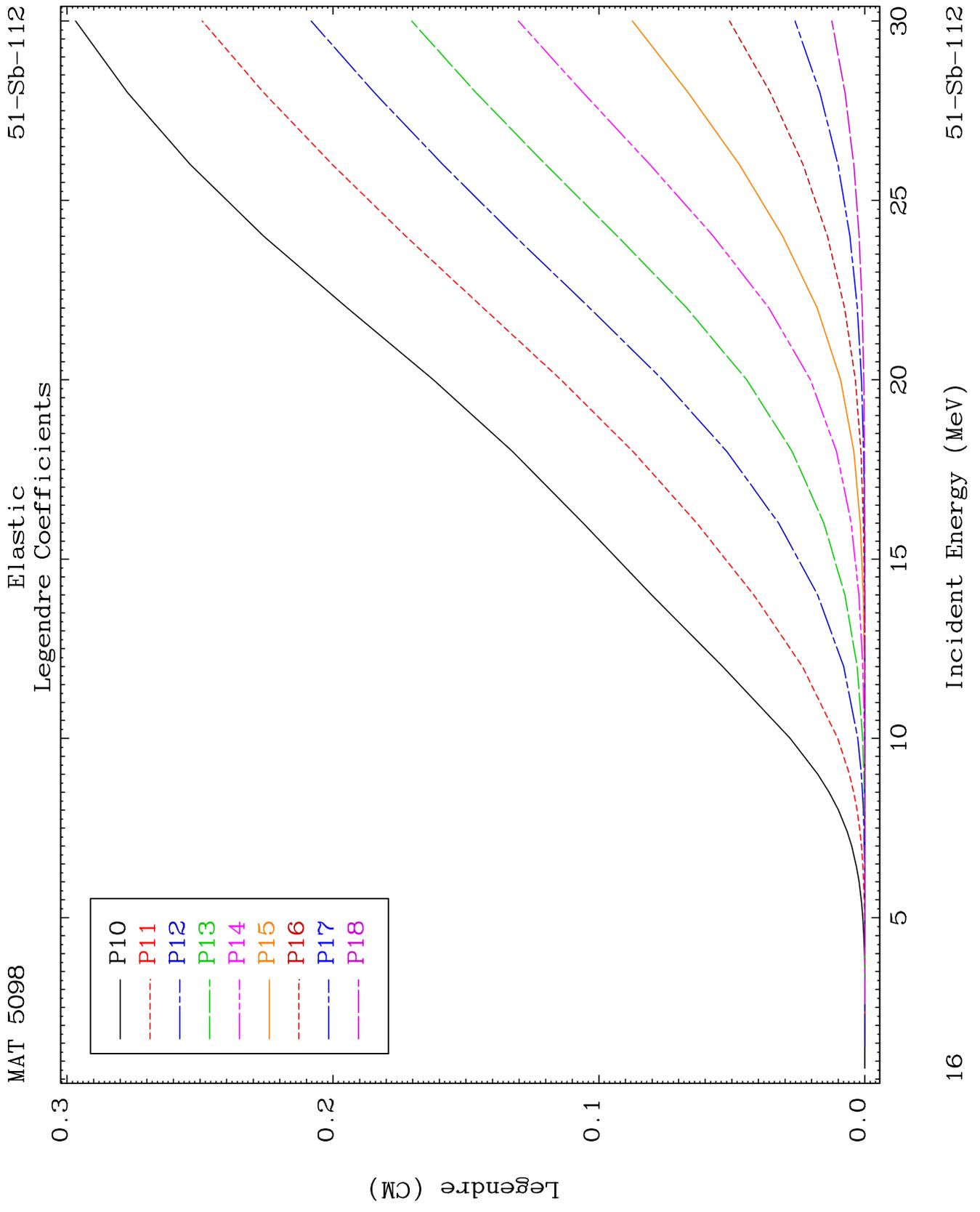
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15

Incident Energy (MeV)

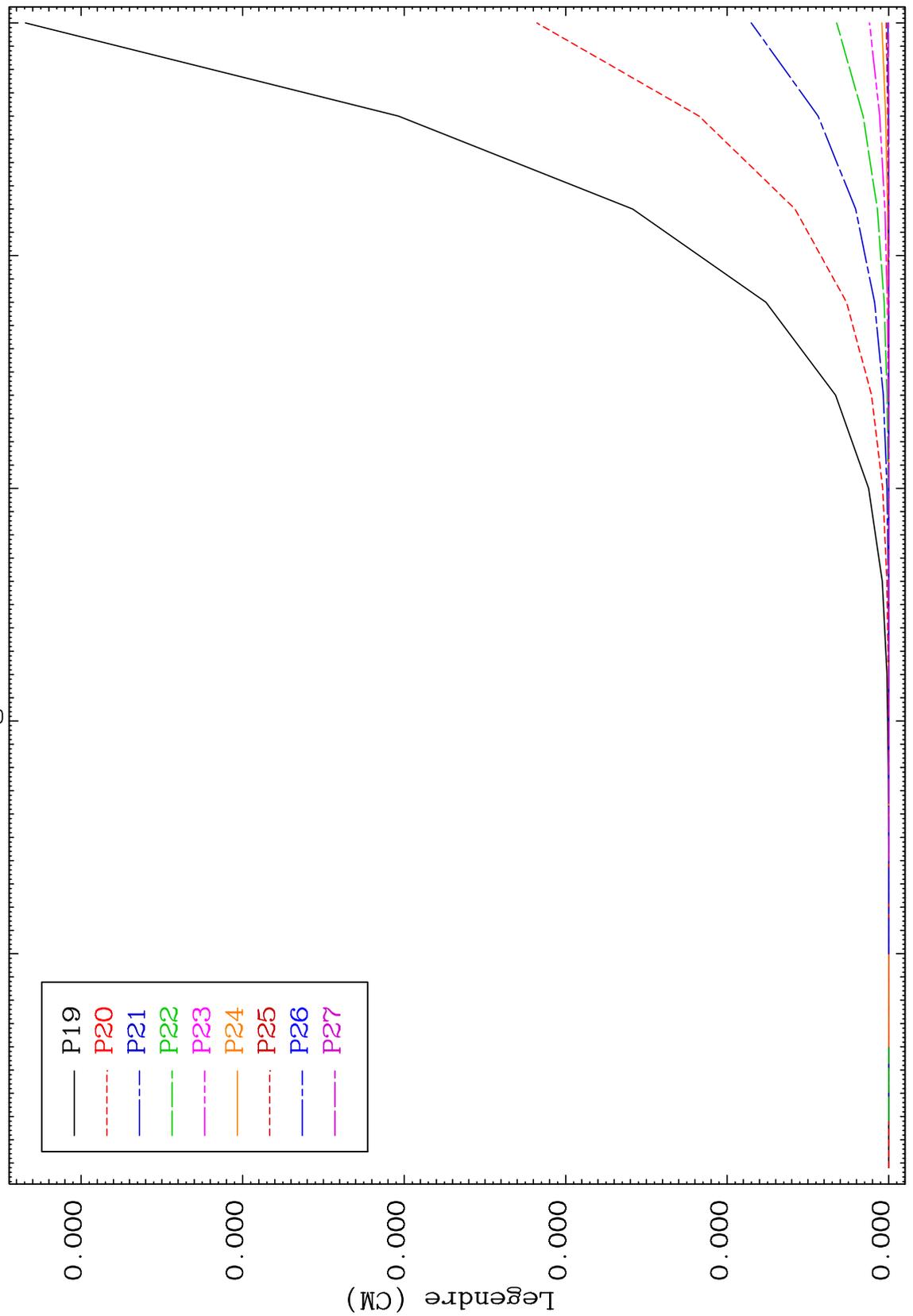
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MAT 5098

Elastic Legendre Coefficients

51-Sb-112



17

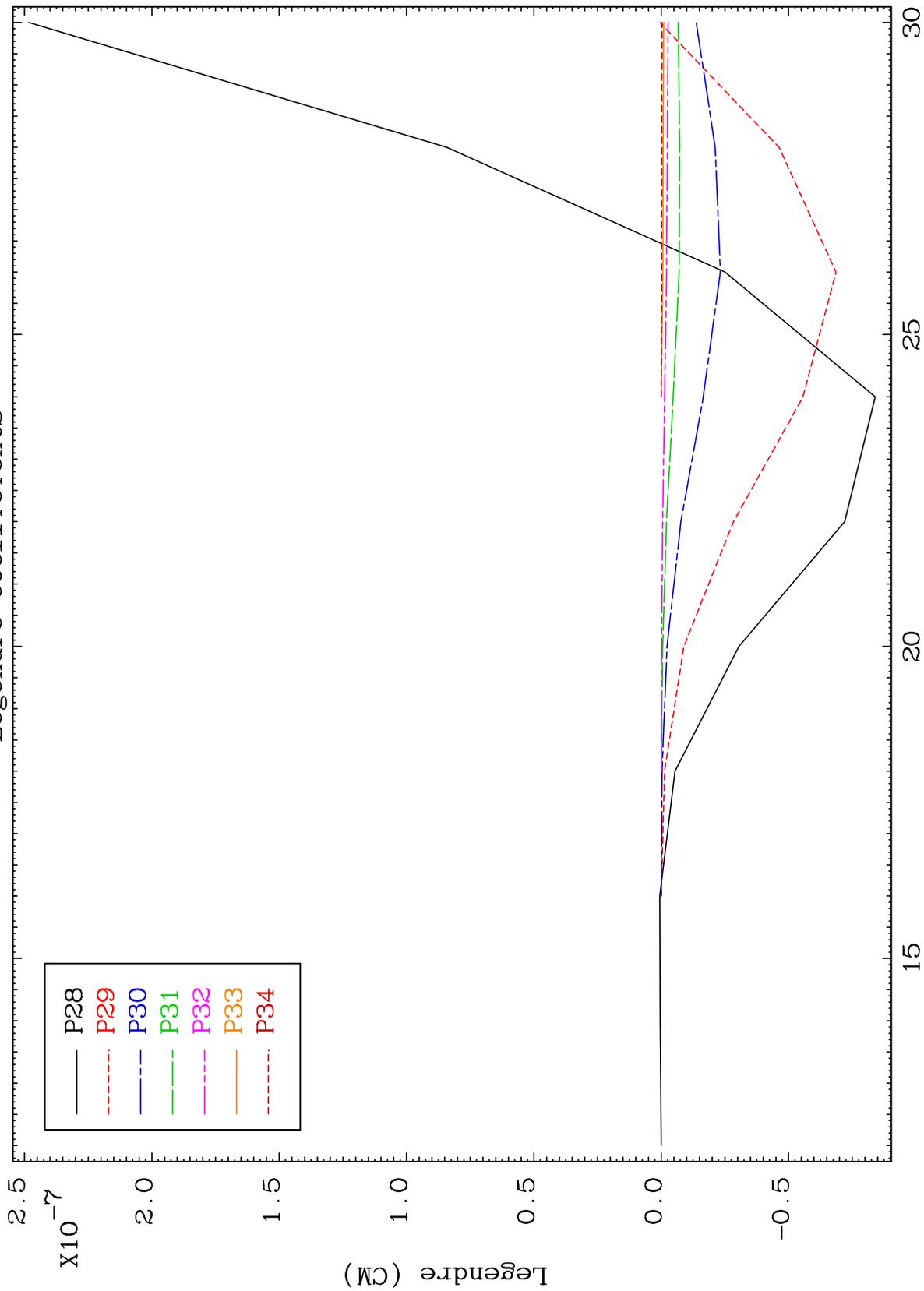
Incident Energy (MeV)

51-Sb-112

MAT 5098

Elastic Legendre Coefficients

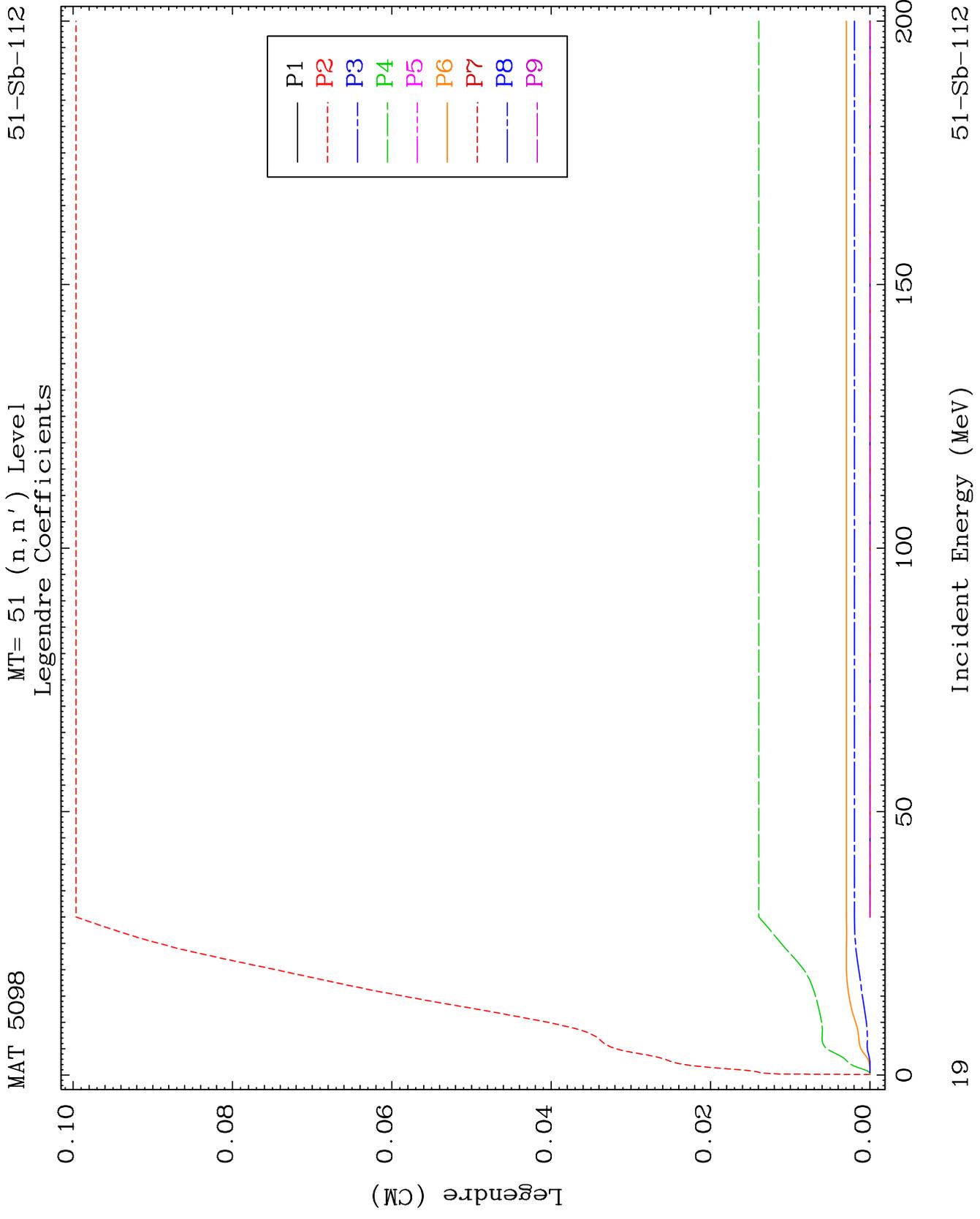
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18

Incident Energy (MeV)

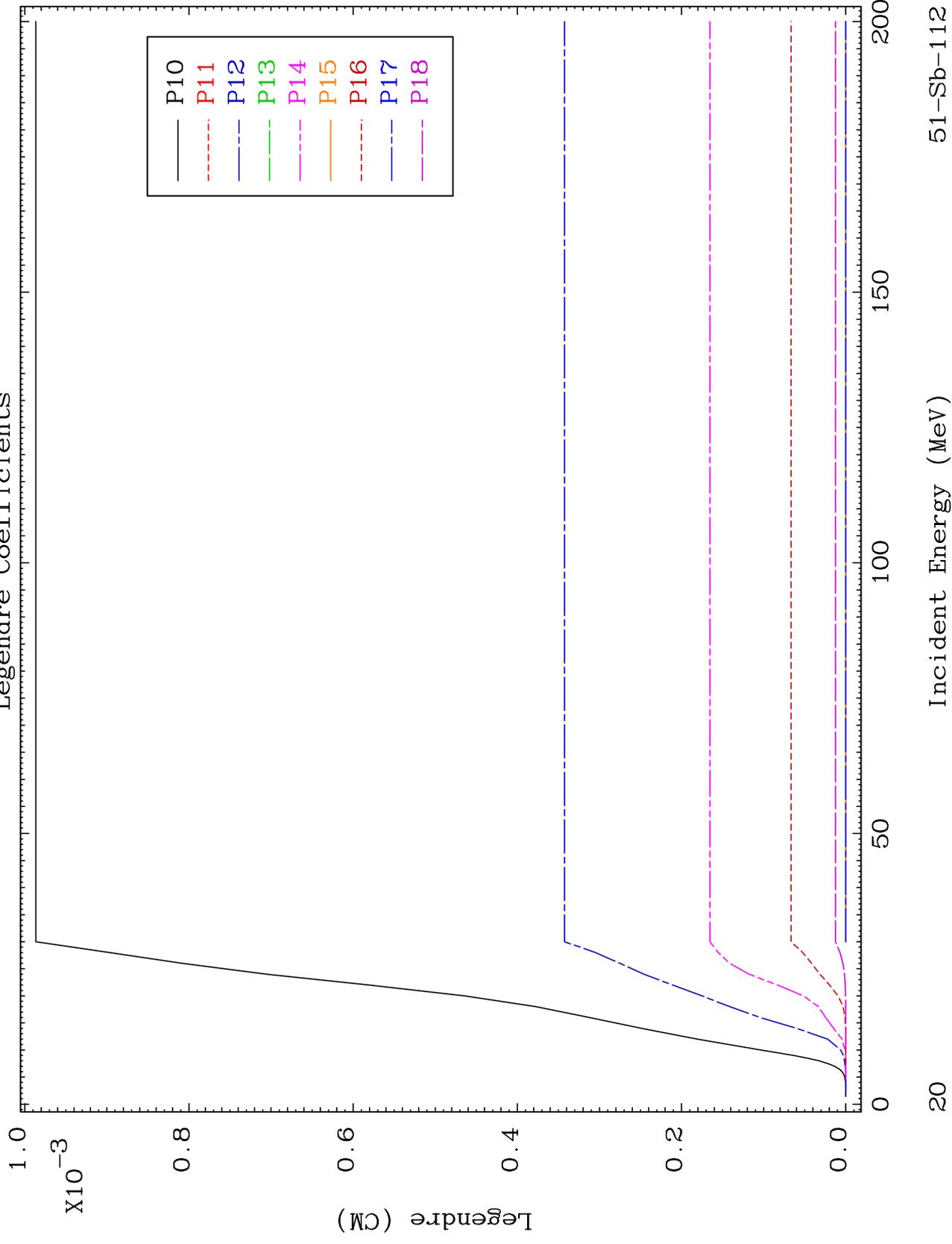
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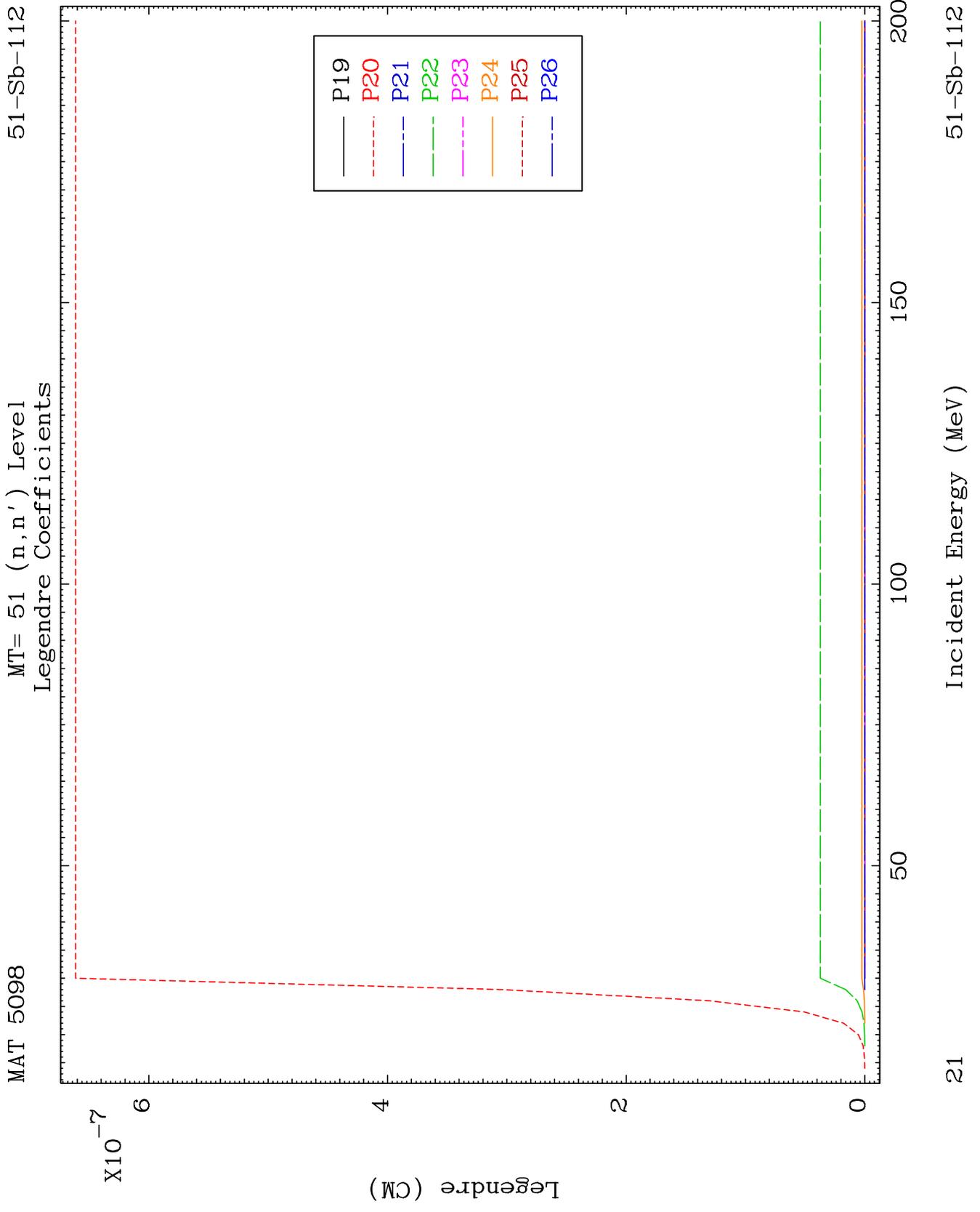


MAT 5098

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

51-Sb-112

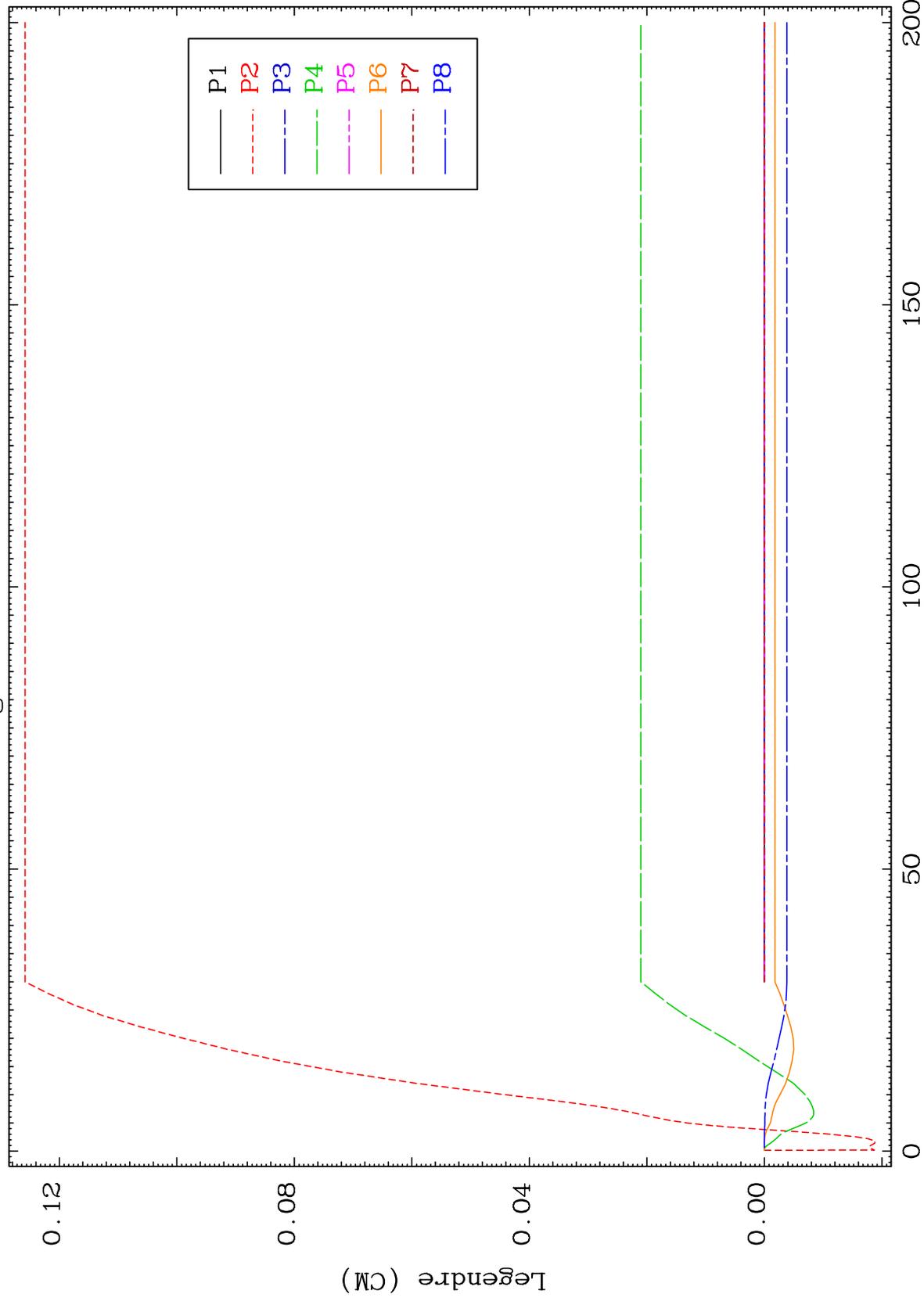




MAT 5098

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

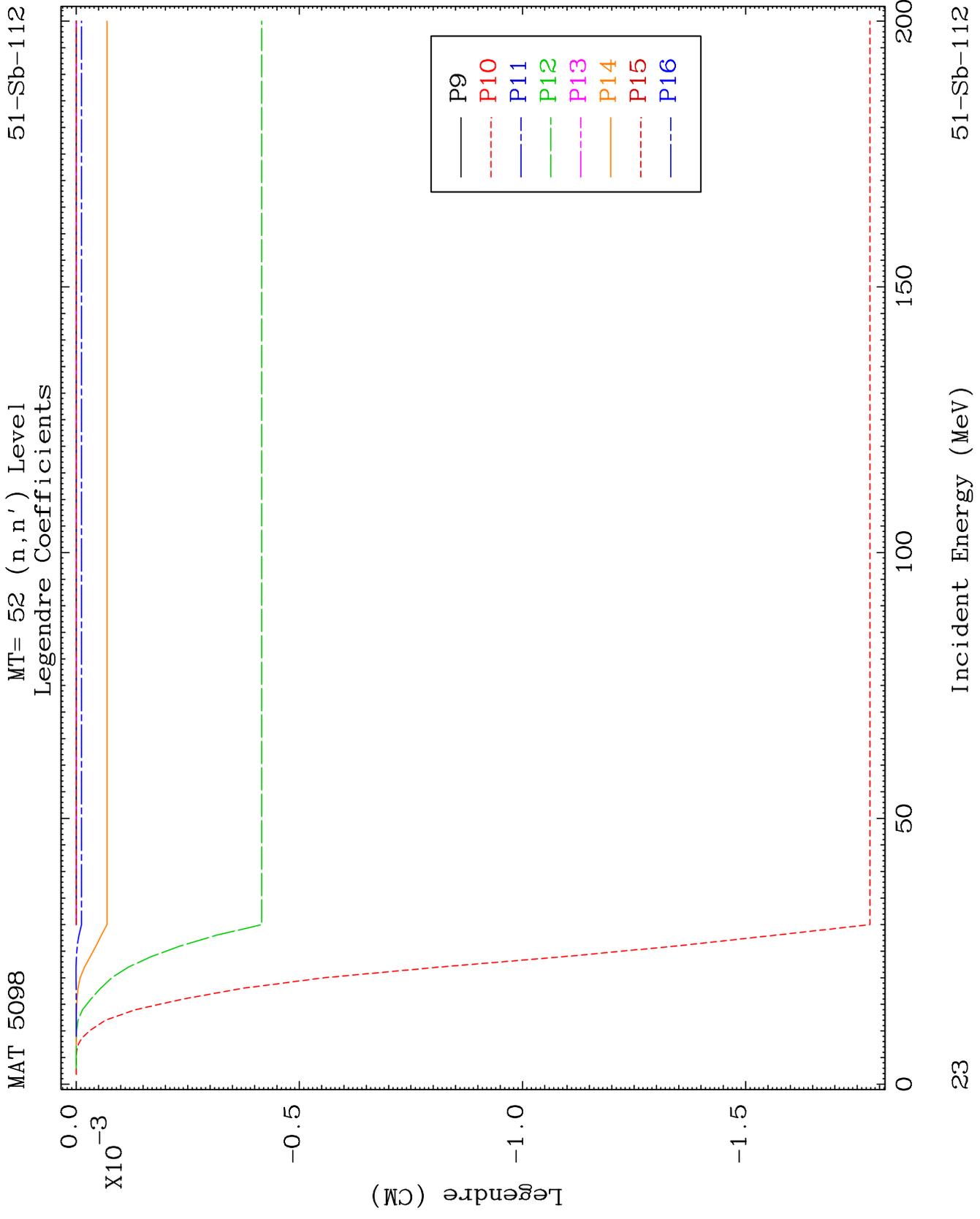
51-Sb-112



51-Sb-112

Incident Energy (MeV)

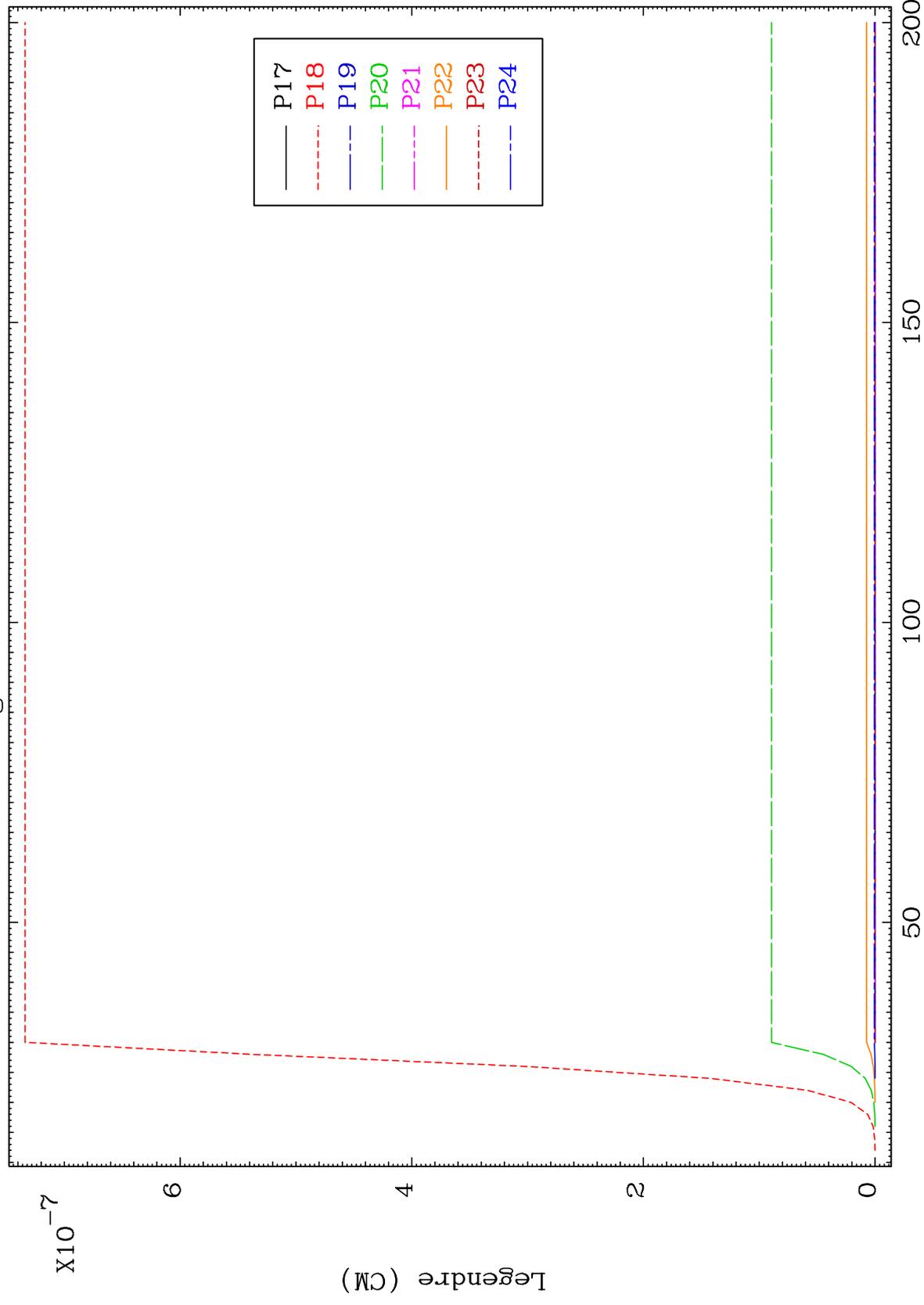
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MAT 5098

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

51-Sb-112



24

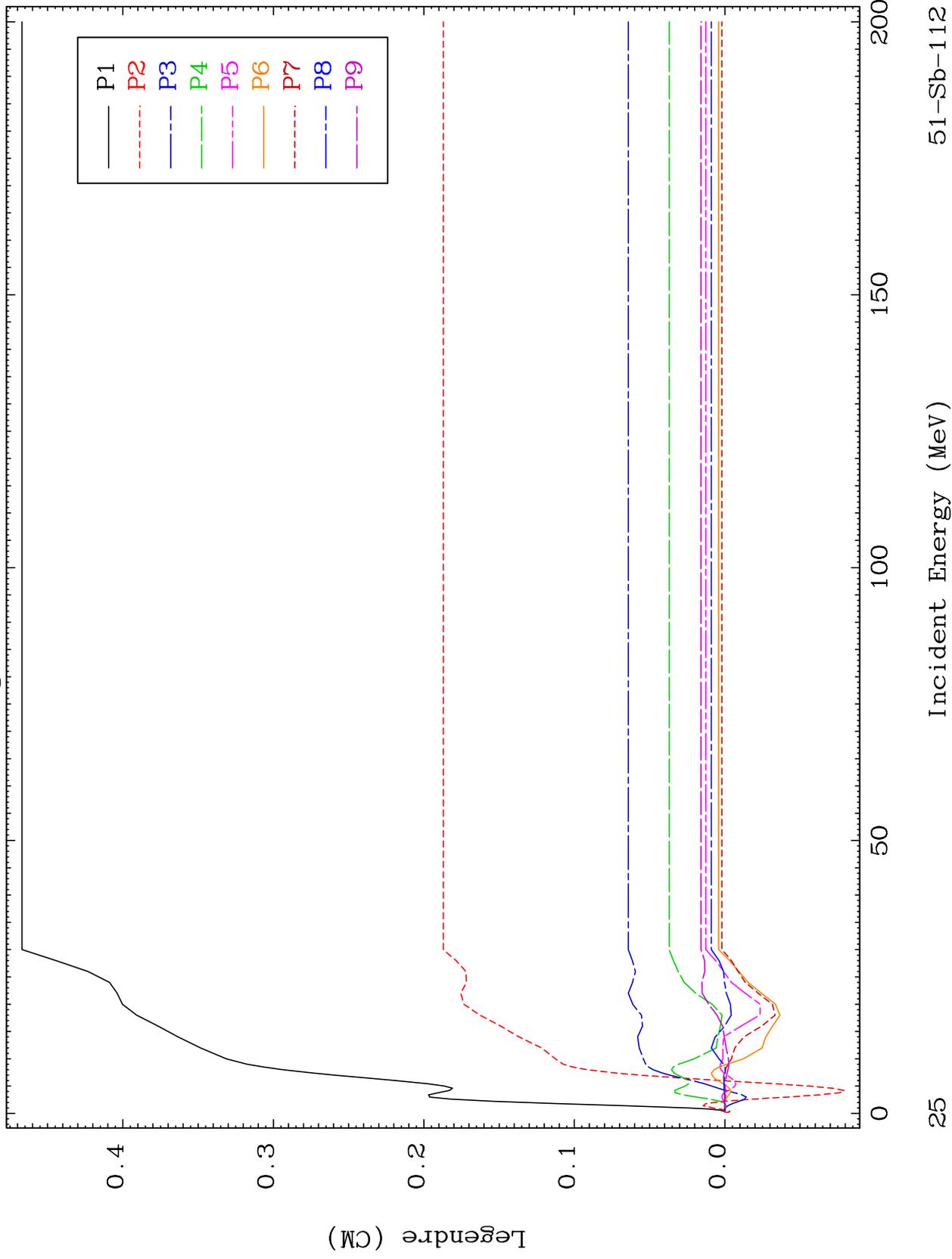
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

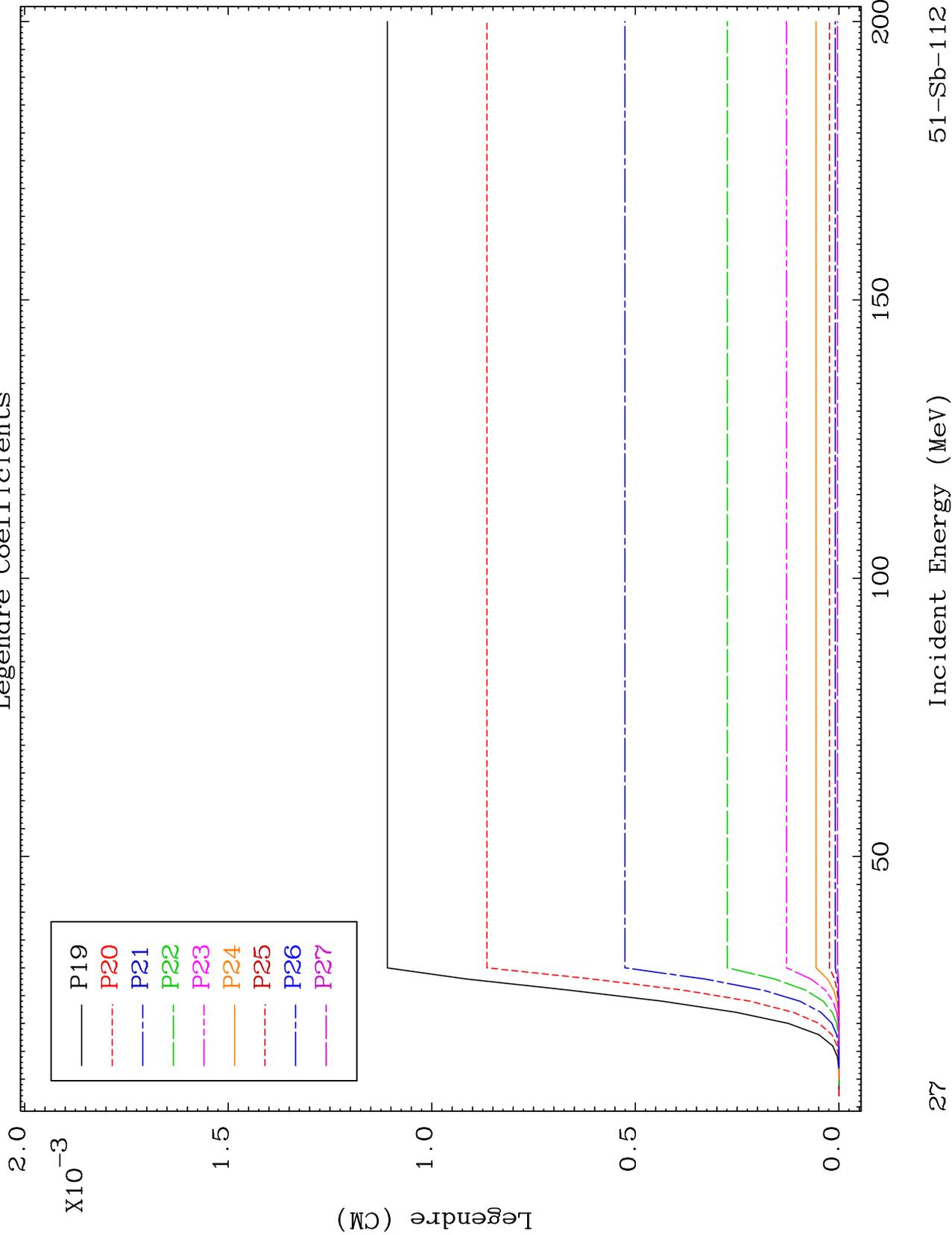
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51-Sb-112

Incident Energy (MeV)

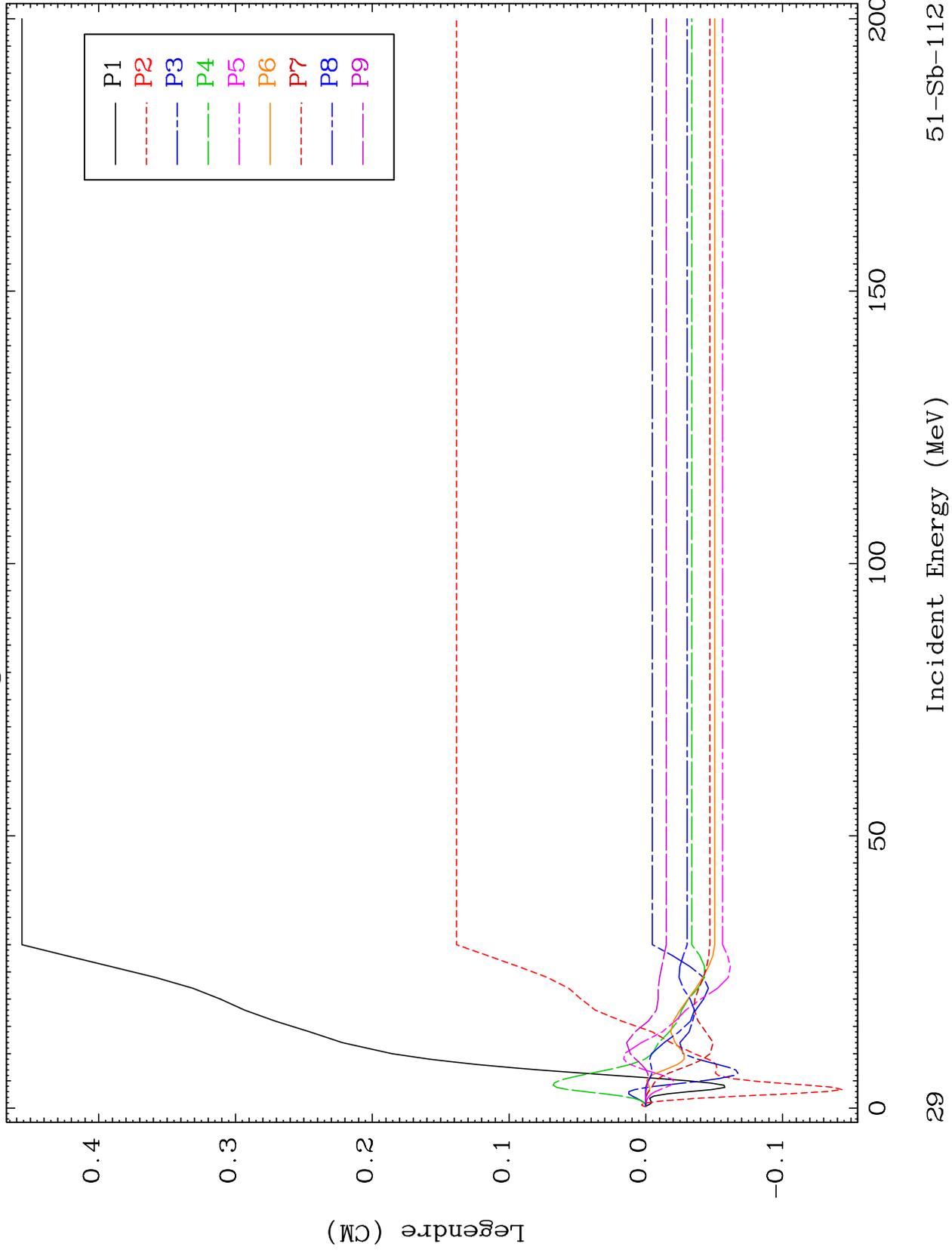
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MAT 5098

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

51-Sb-112



51-Sb-112

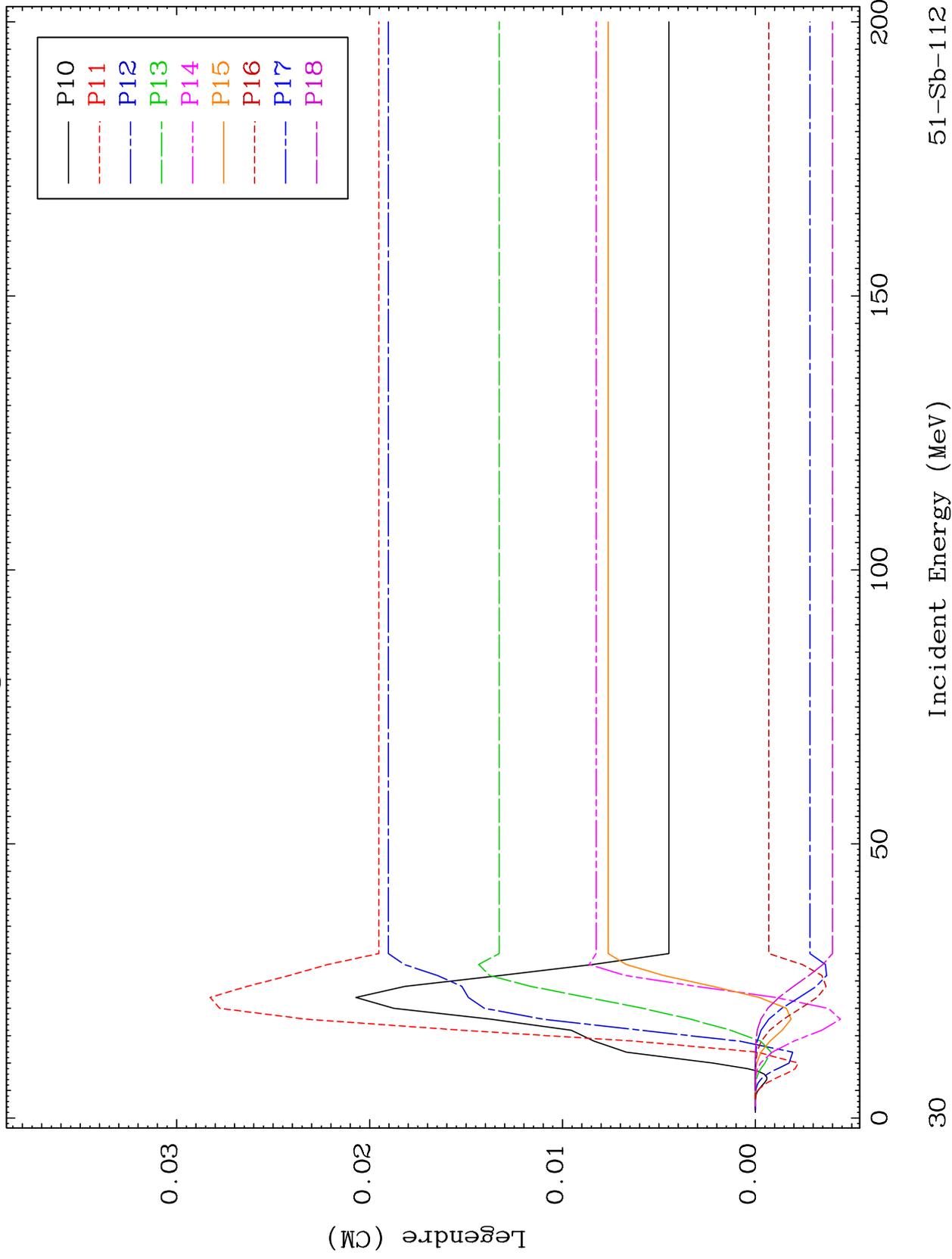
Incident Energy (MeV)

29

MAT 5098

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

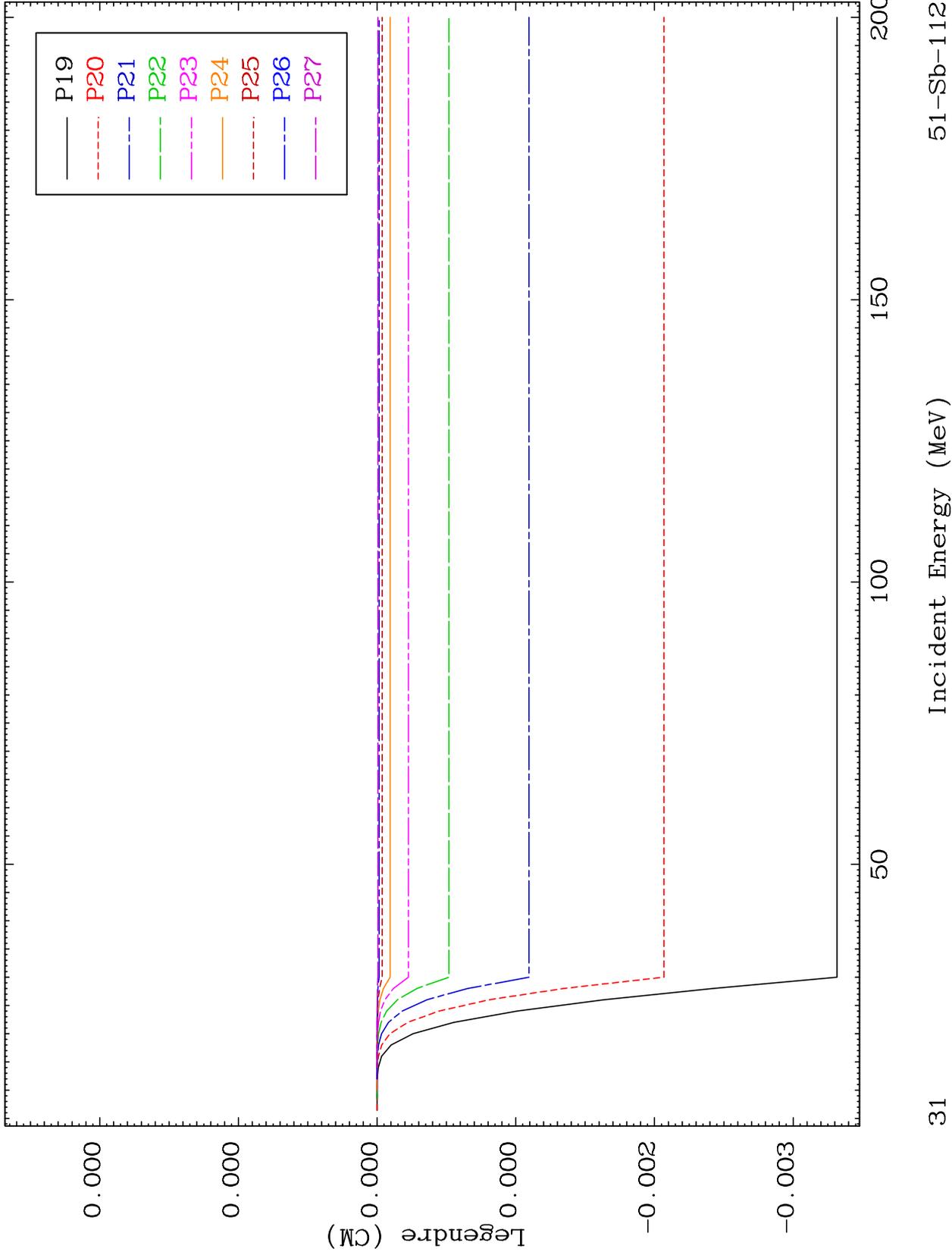
51-Sb-112



51-Sb-112

Incident Energy (MeV)

30

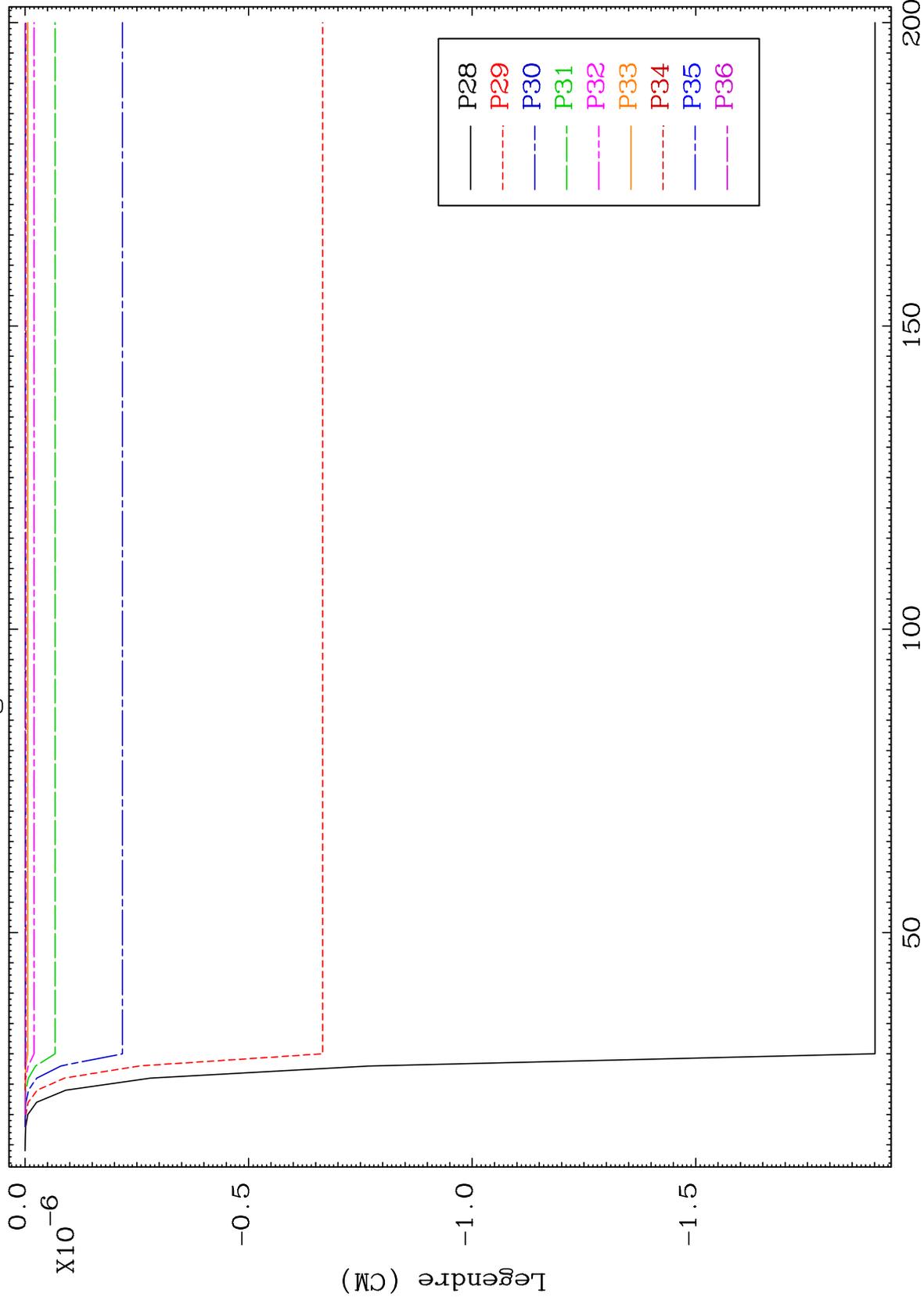


MAT 5098

MT= 54 (n,n') Level

51-Sb-112

Legendre Coefficients



32

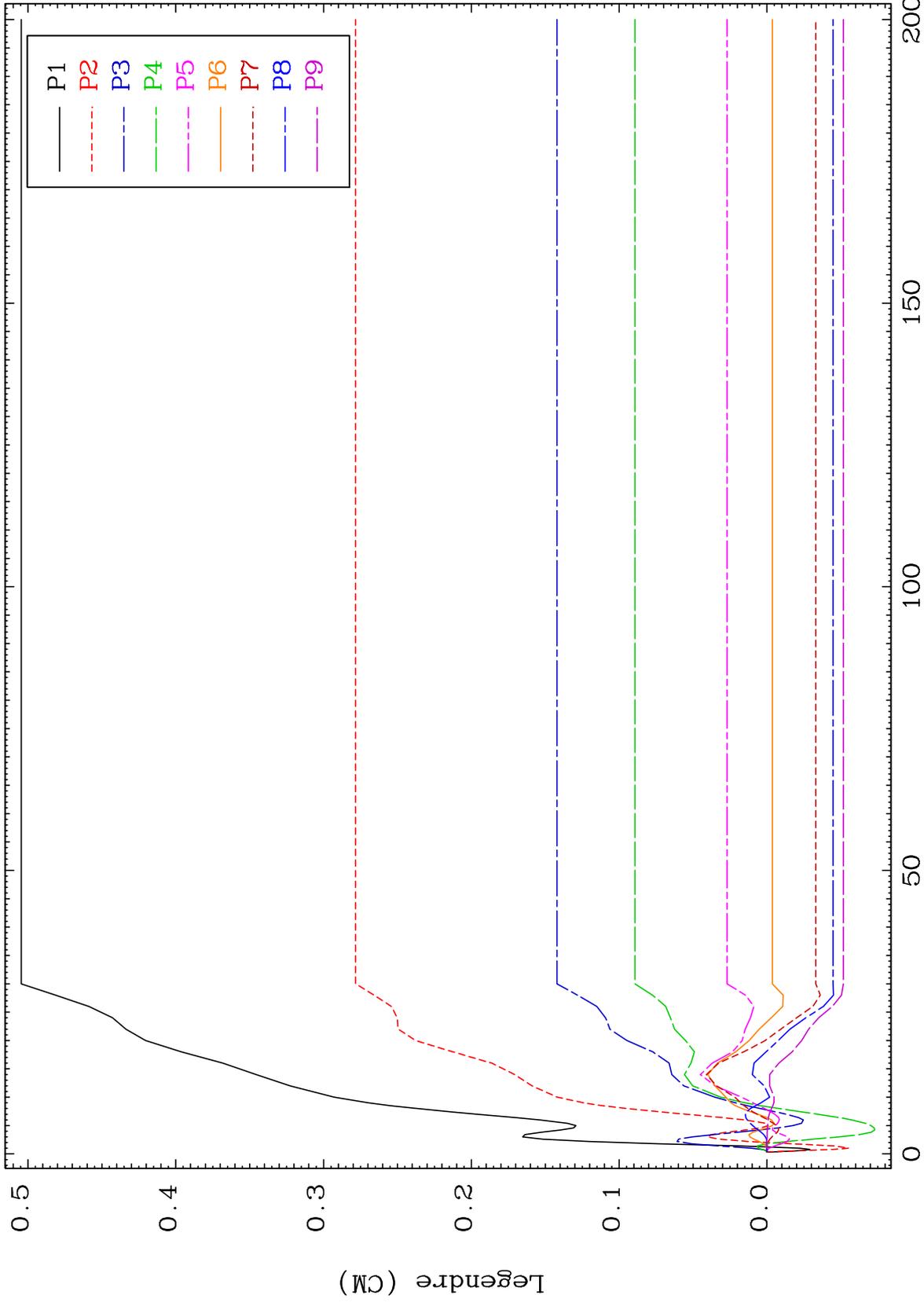
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



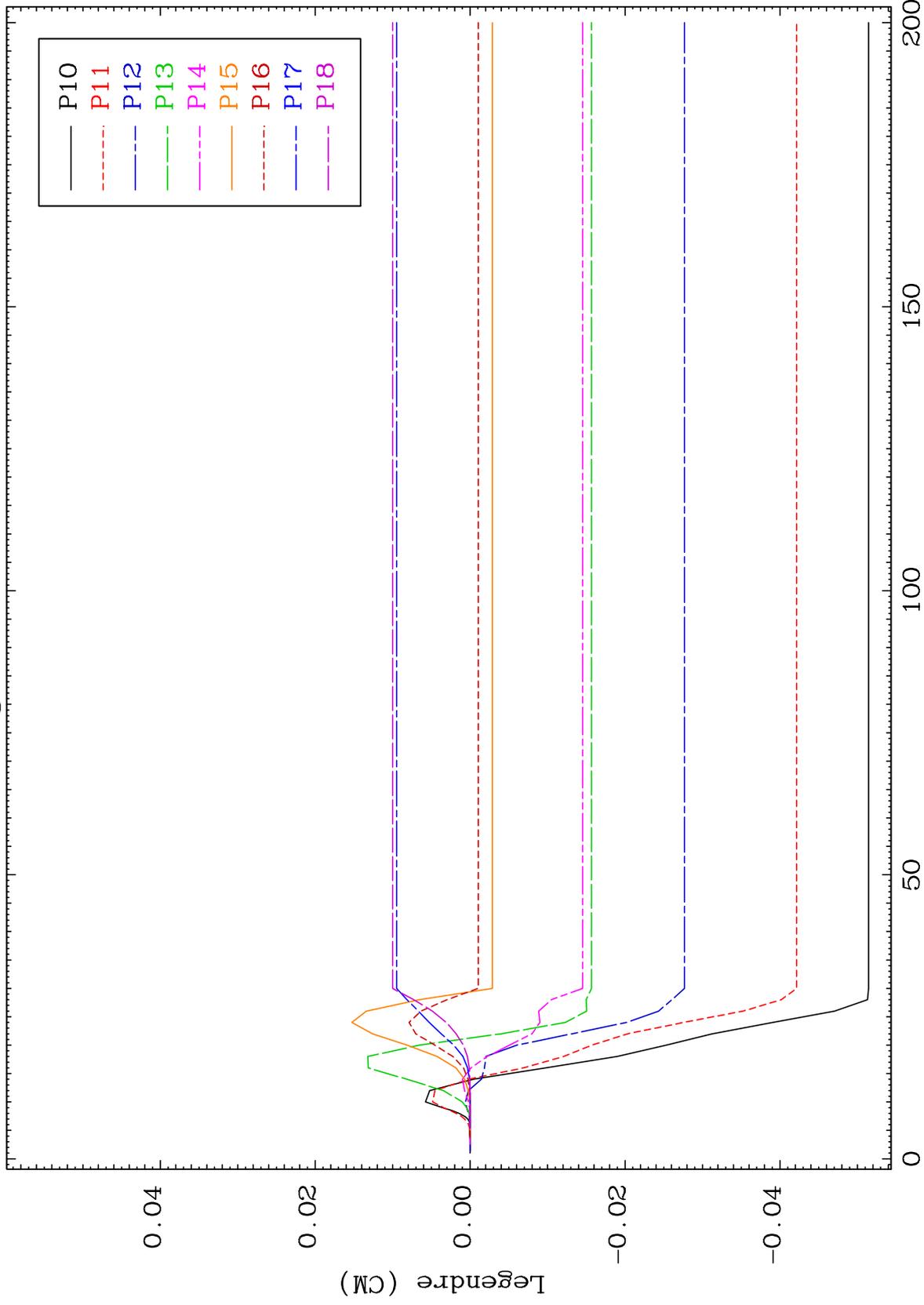
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51-Sb-112

MAT 5098

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

51-Sb-112



34

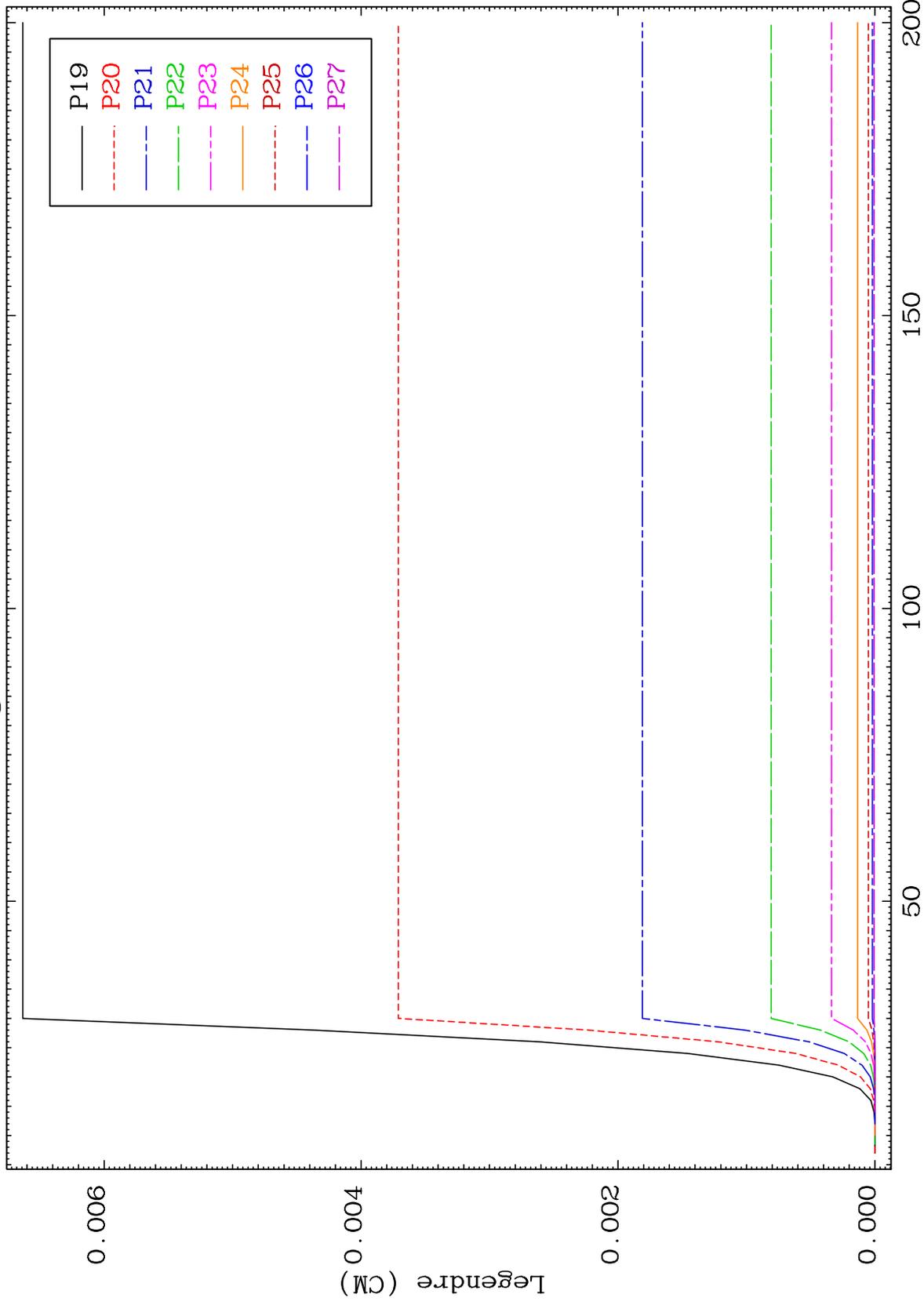
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



35

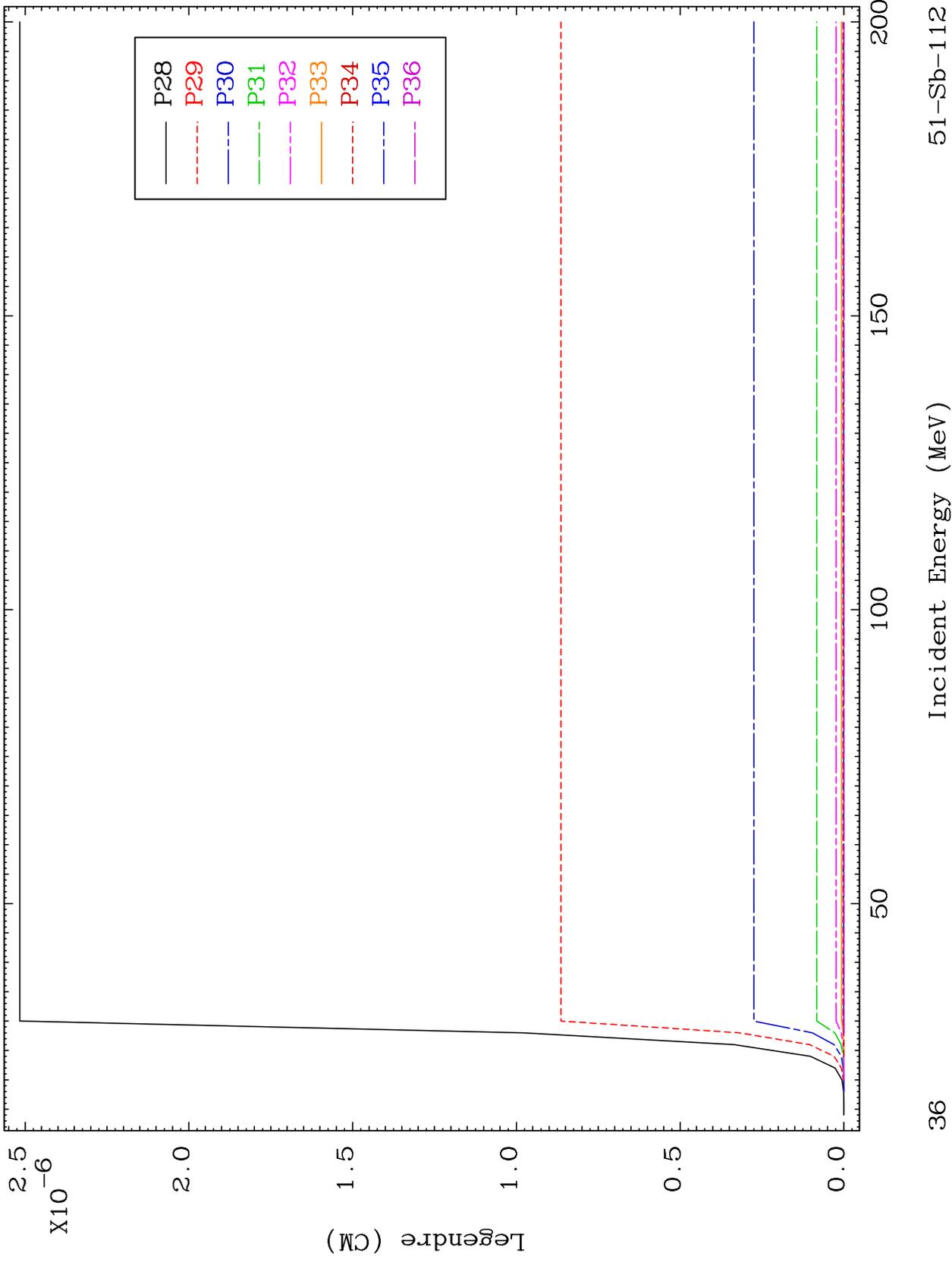
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

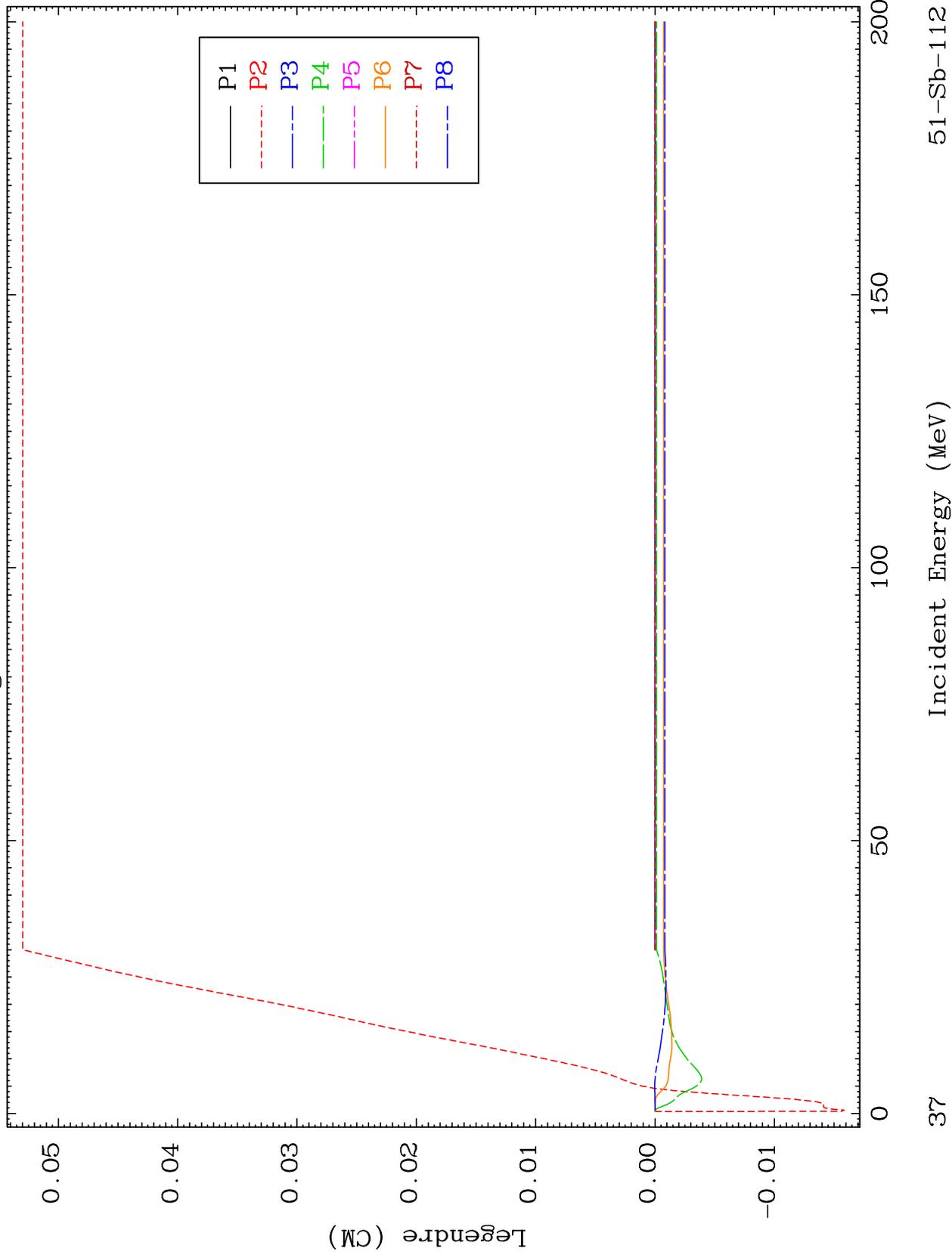
51-Sb-112



MAT 5098

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

51-Sb-112



51-Sb-112

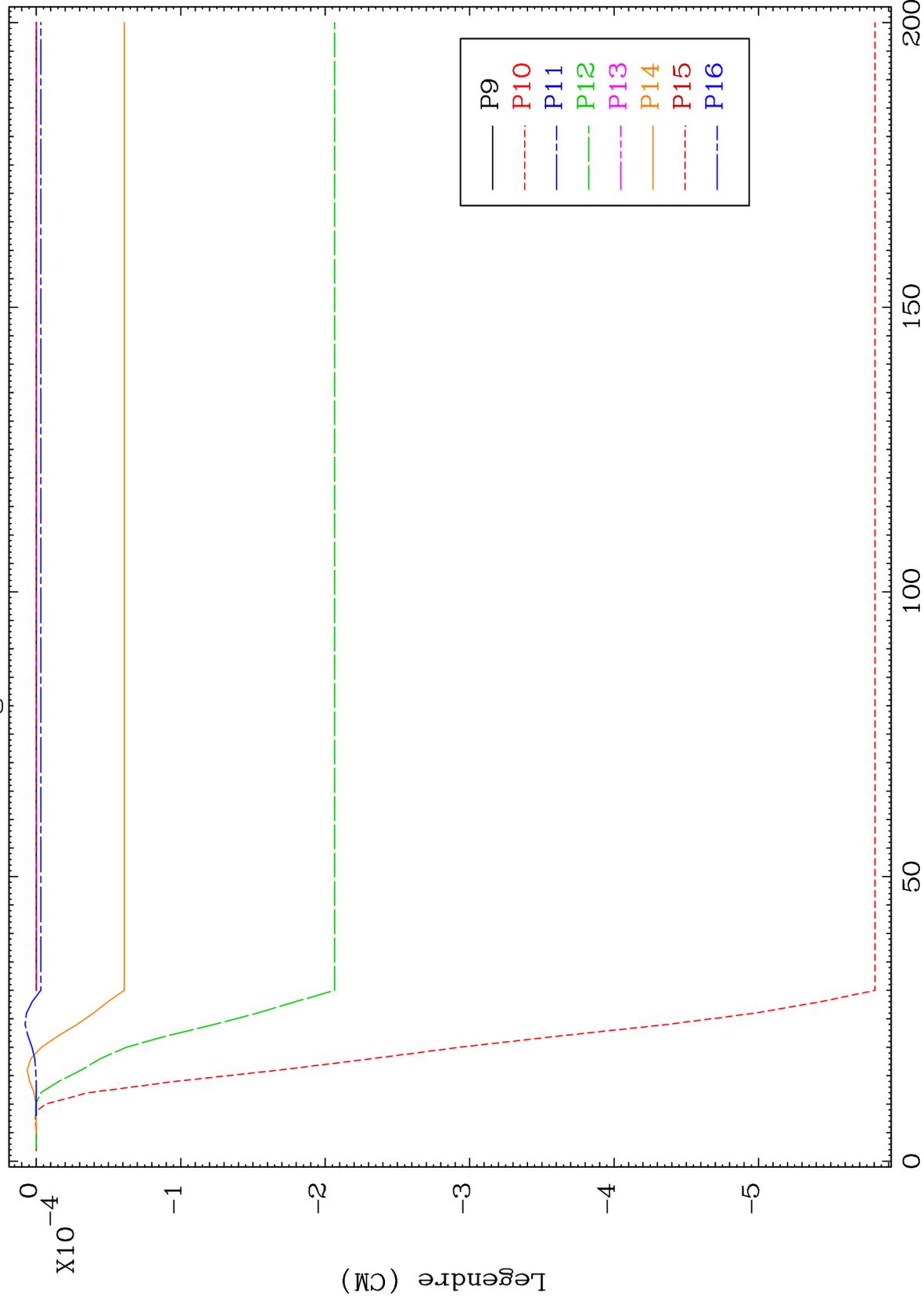
Incident Energy (MeV)

37

MAT 5098

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

51-Sb-112



38

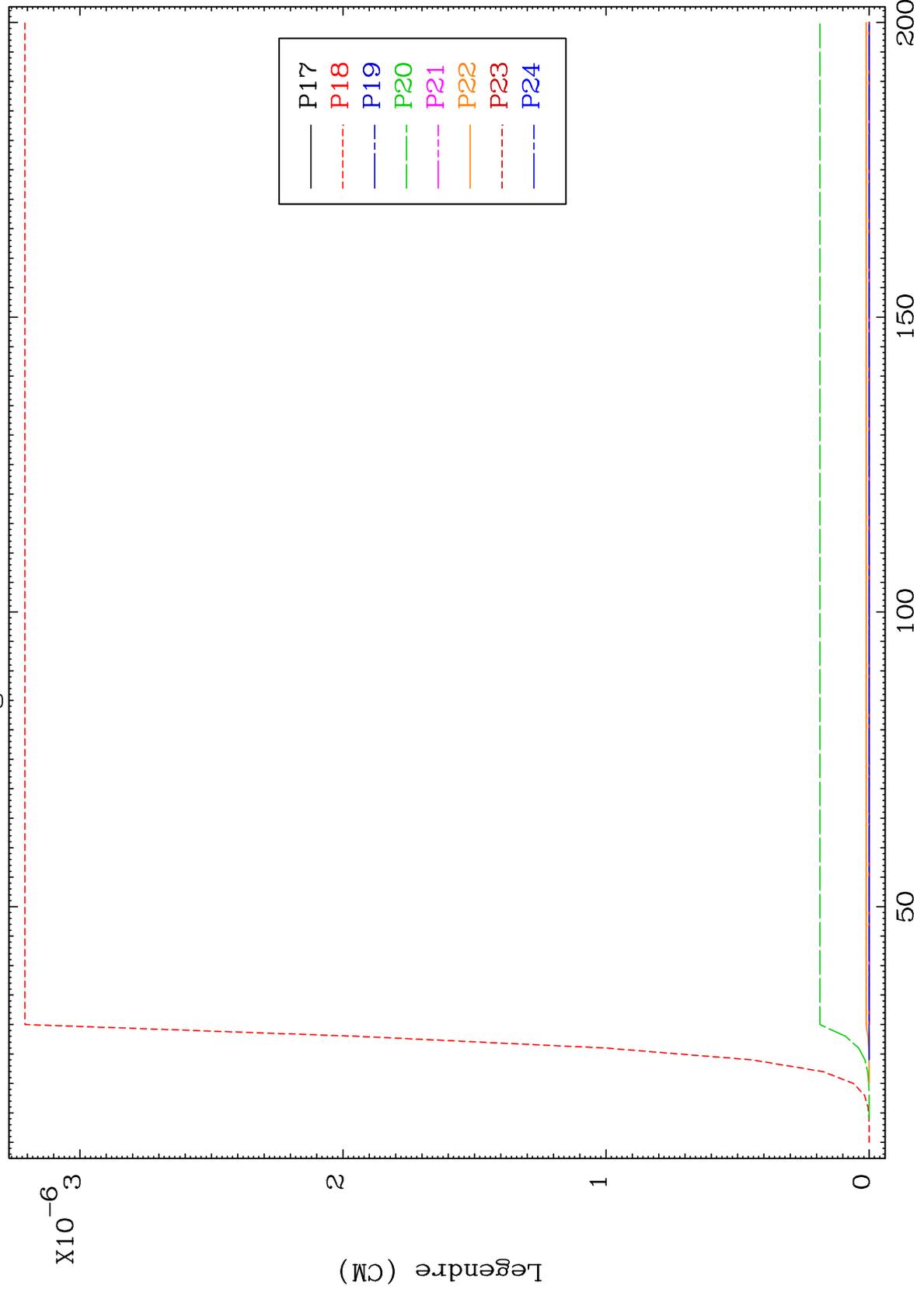
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

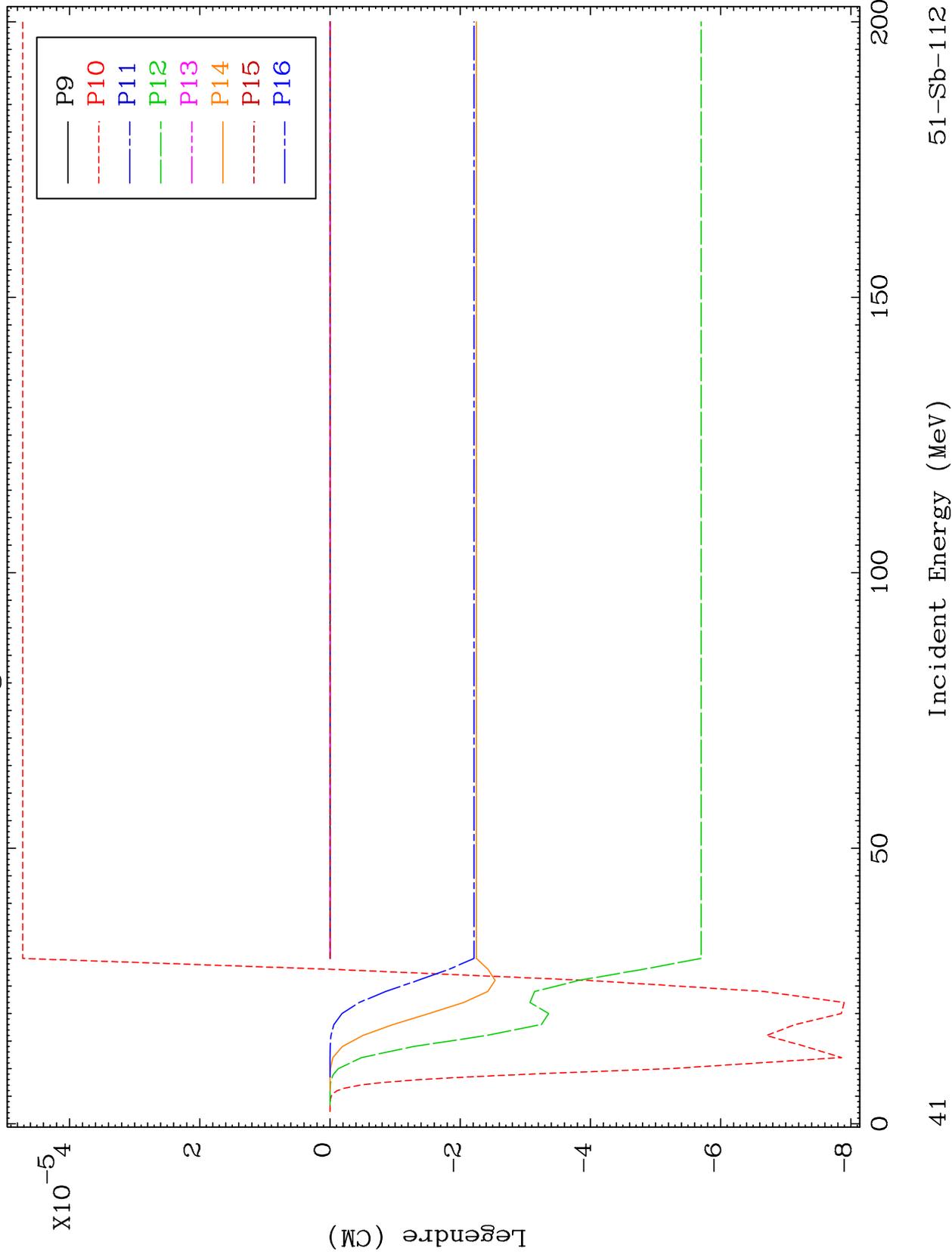
Incident Energy (MeV)

39

MAT 5098

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

51-Sb-112



41

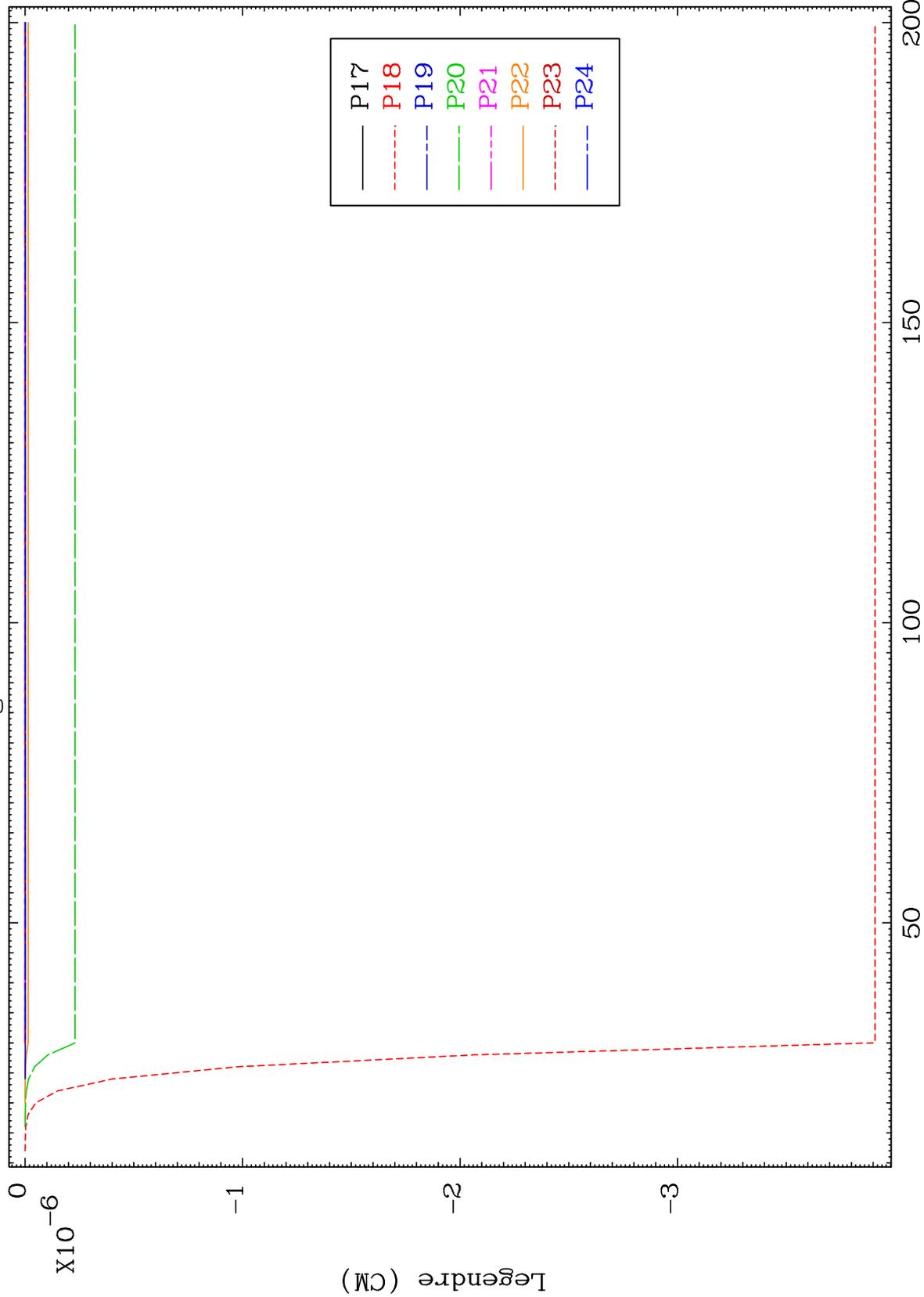
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

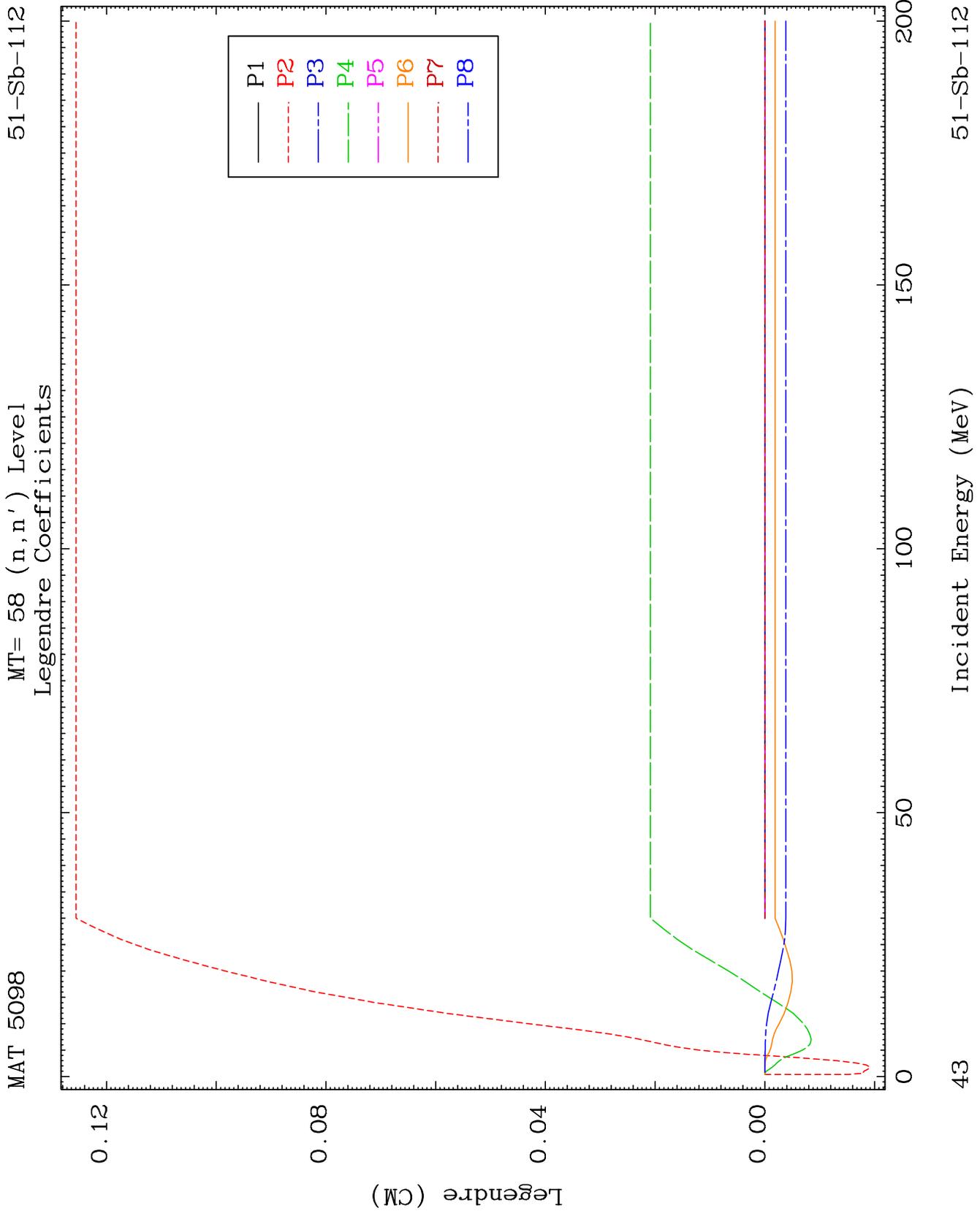
51-Sb-112



51-Sb-112

Incident Energy (MeV)

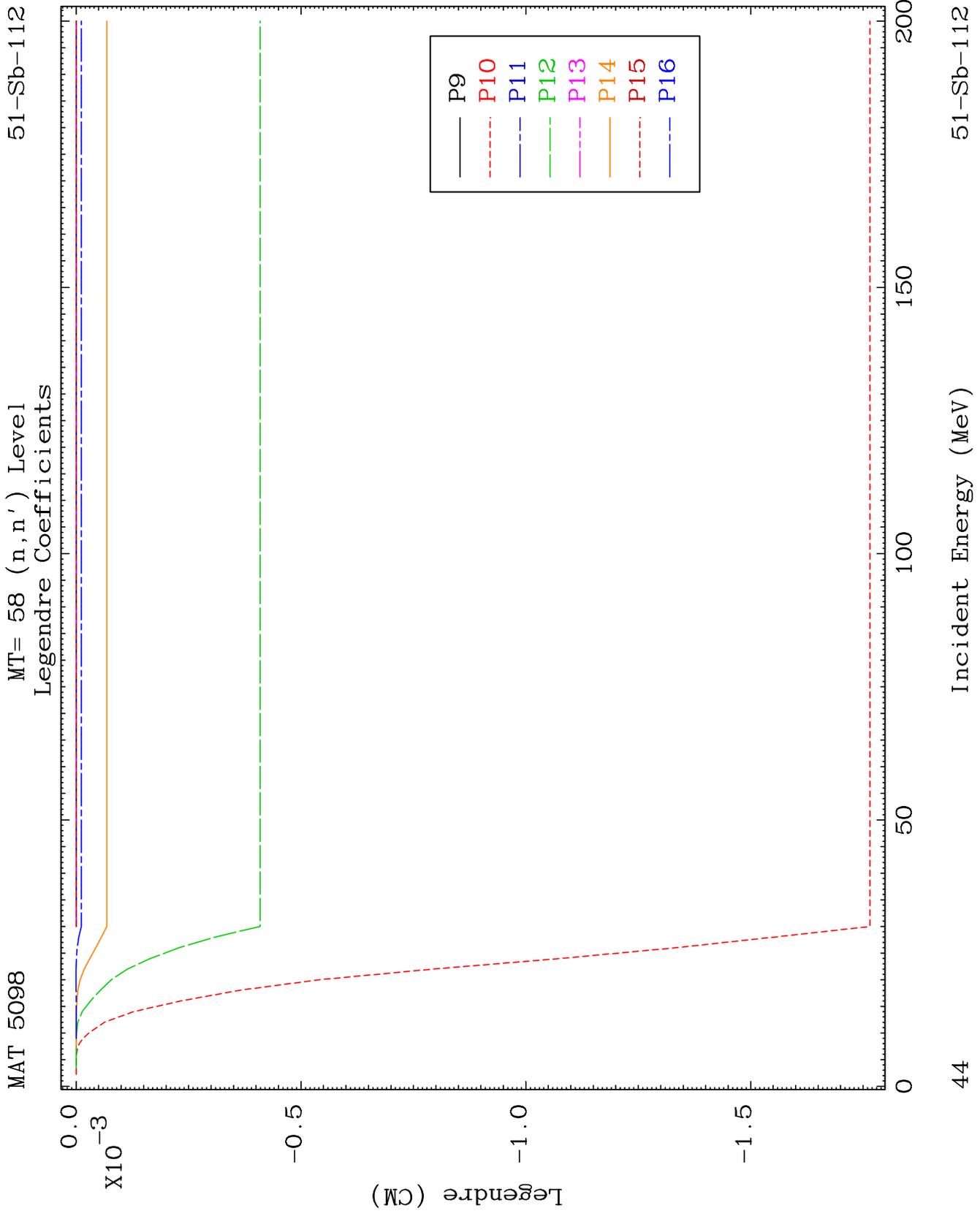
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51-Sb-112

Incident Energy (MeV)

43



51-Sb-112

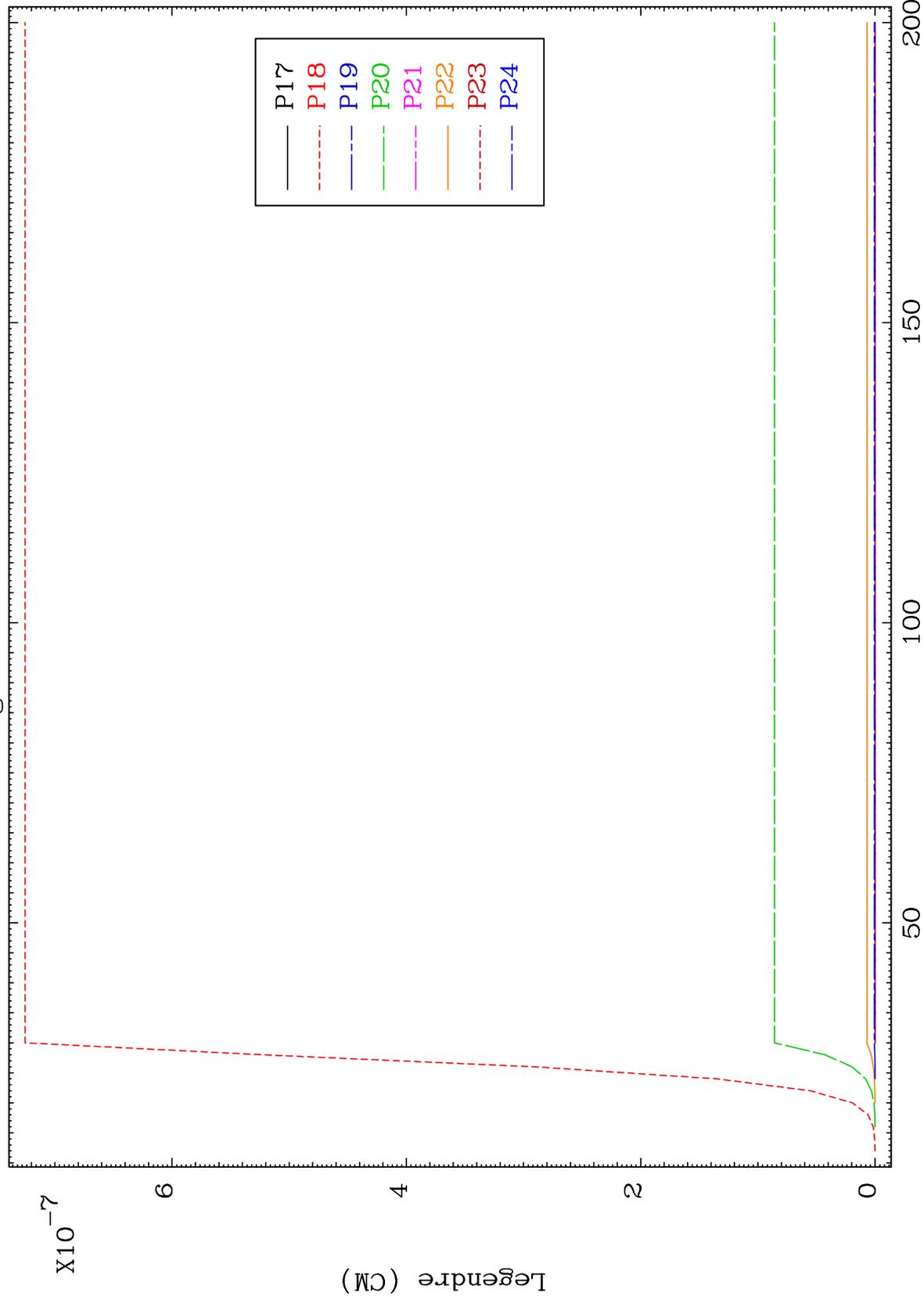
Incident Energy (MeV)

44

MAT 5098

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

51-Sb-112



51-Sb-112

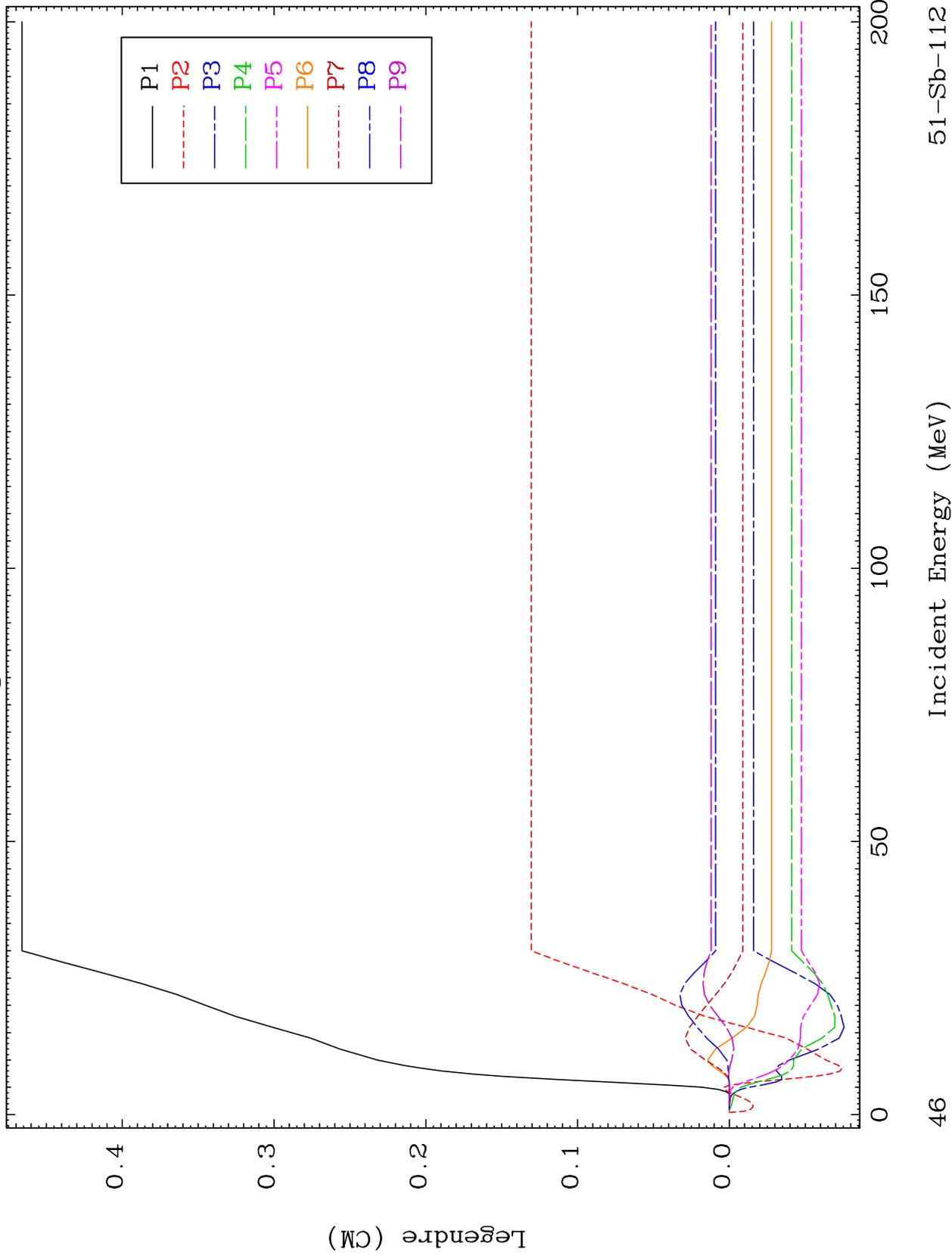
Incident Energy (MeV)

45

MAT 5098

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

51-Sb-112



51-Sb-112

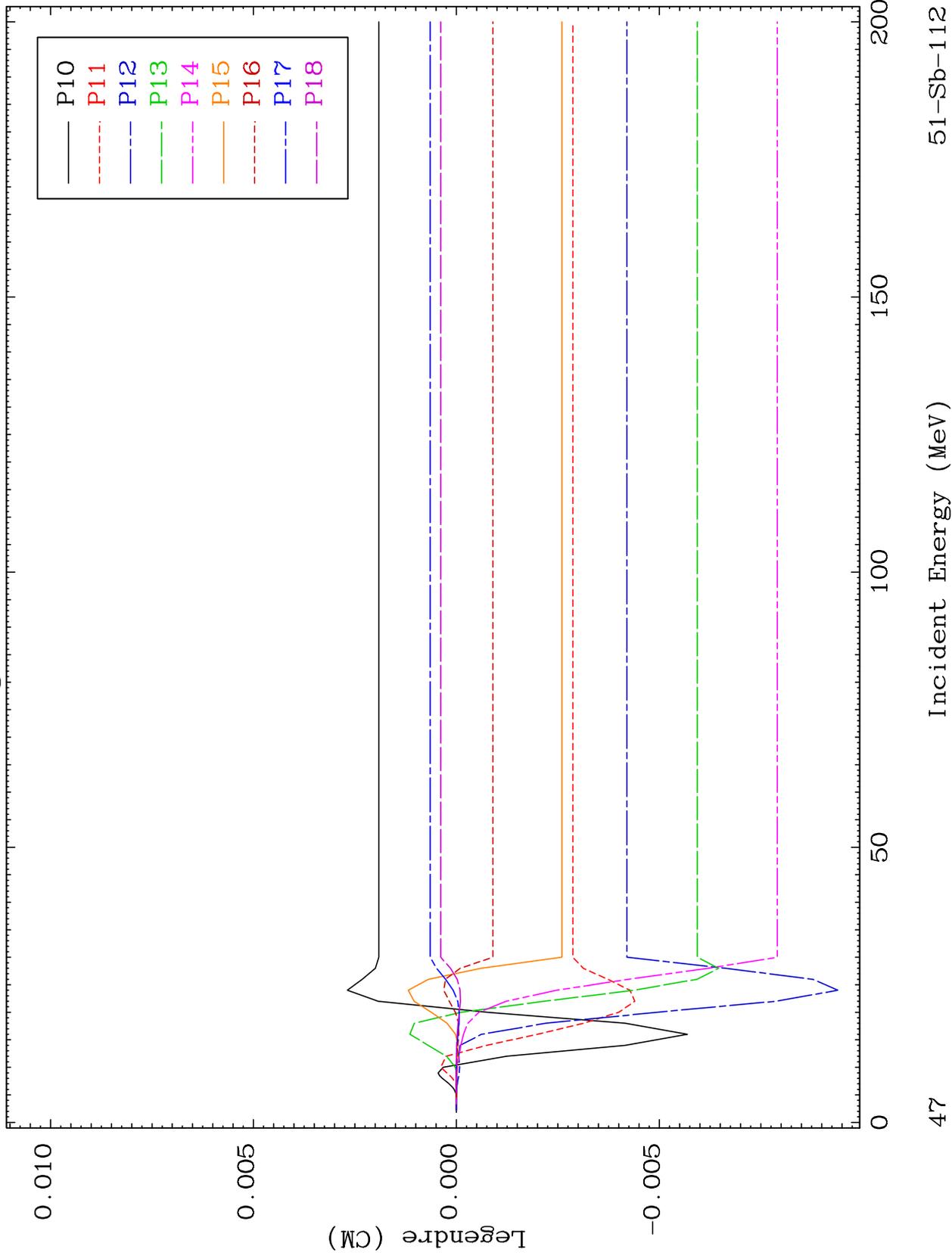
Incident Energy (MeV)

46

MAT 5098

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

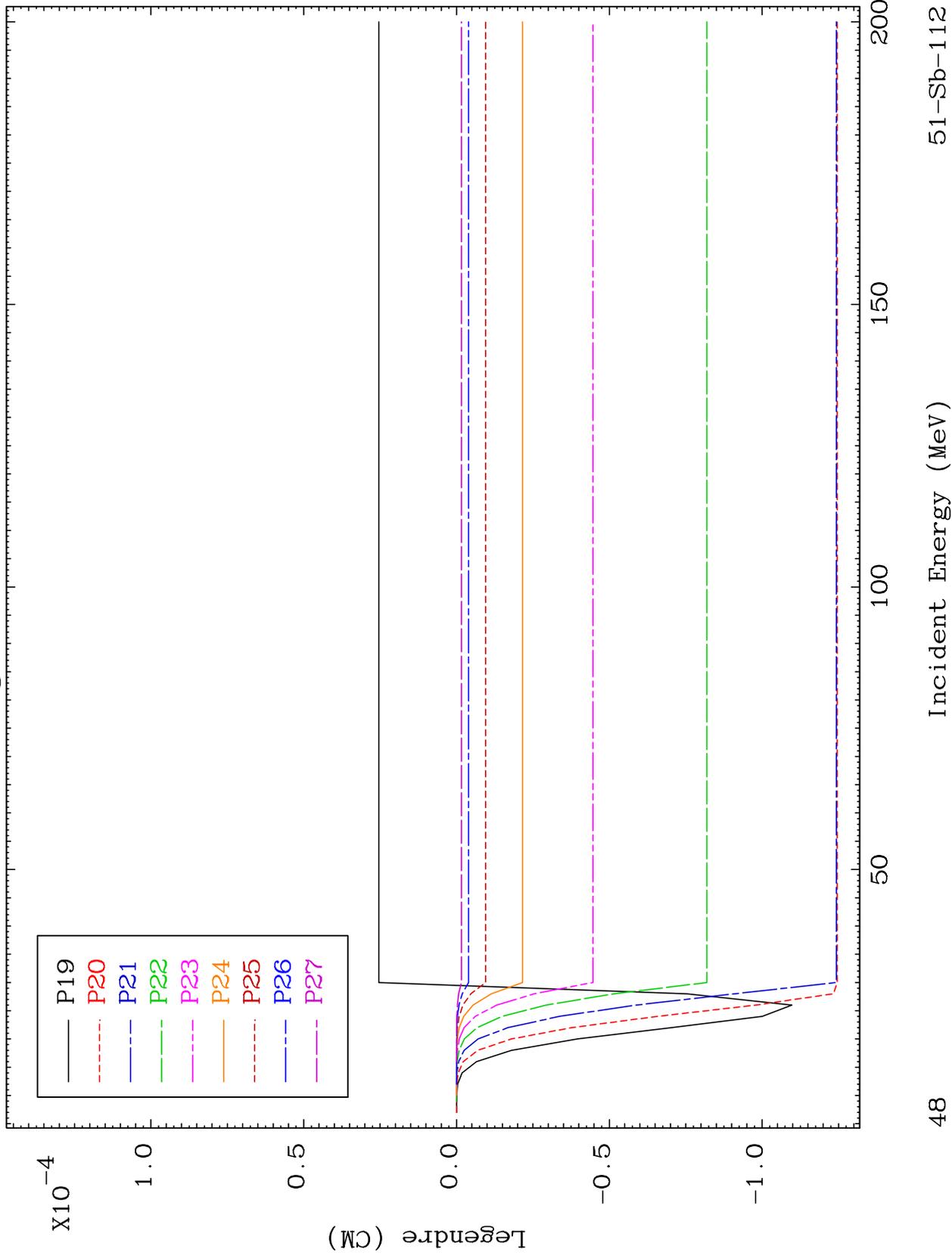
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47

Incident Energy (MeV)

51-Sb-112

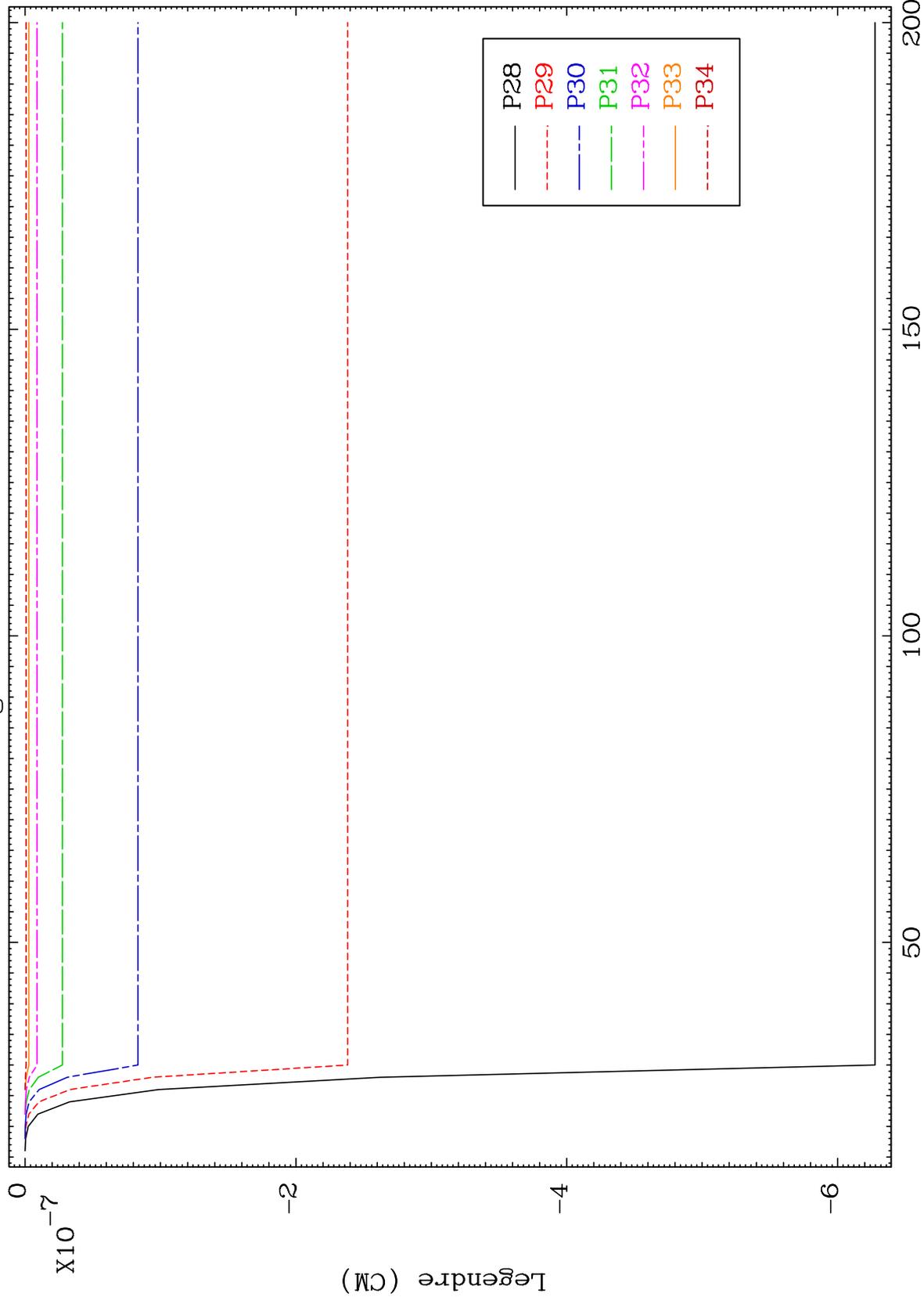


MAT 5098

MT= 59 (n,n') Level

51-Sb-112

Legendre Coefficients



49

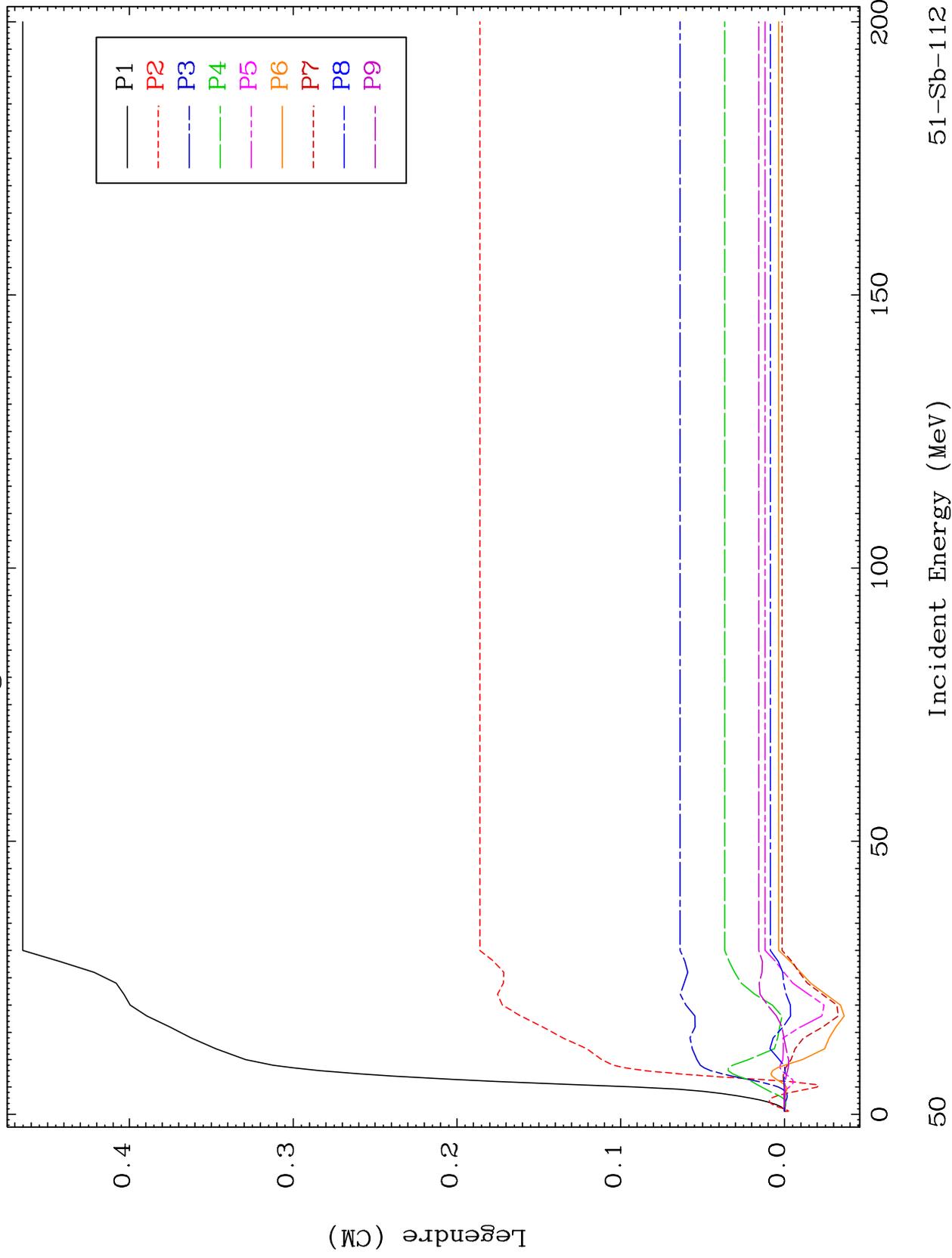
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



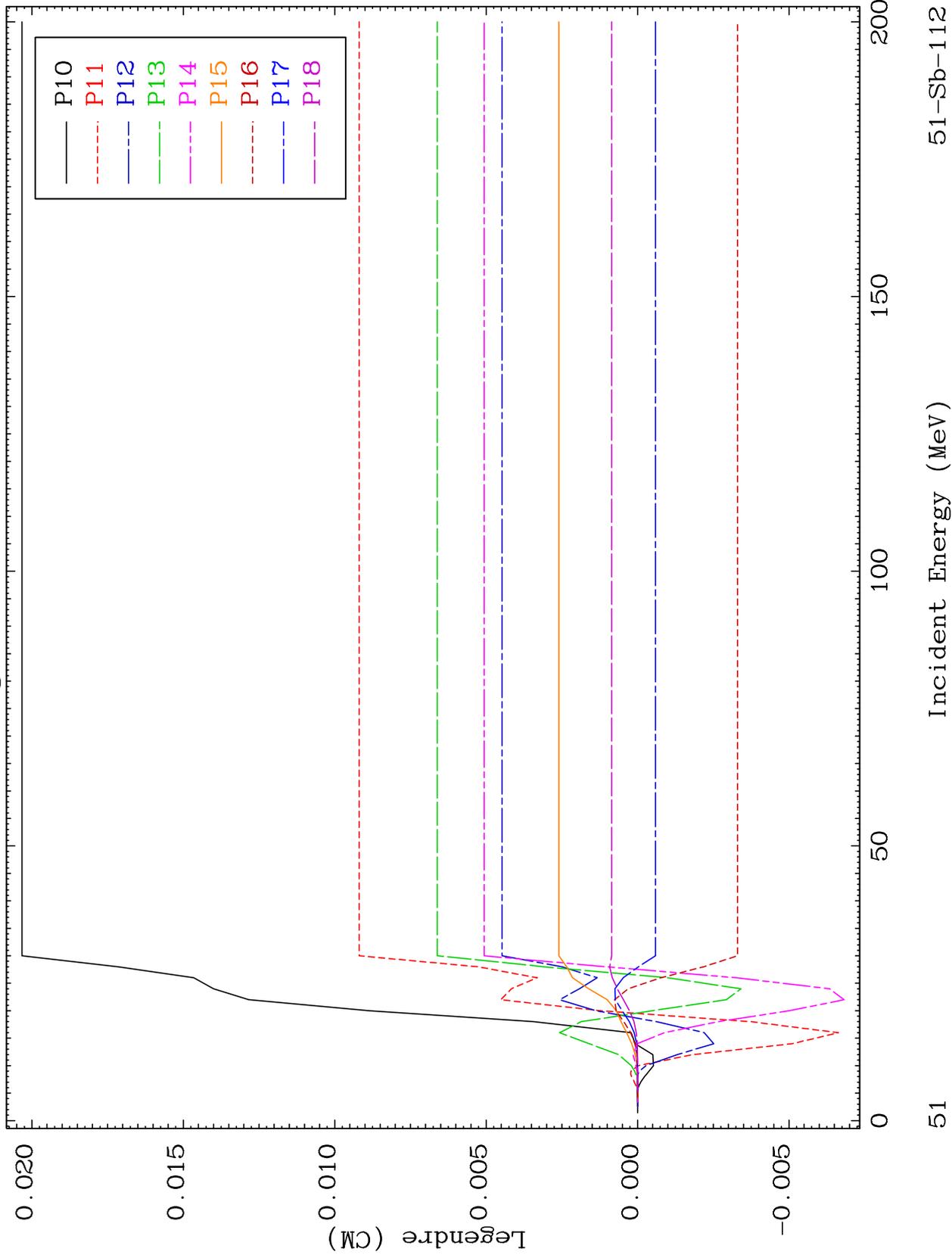
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Incident Energy (MeV)

MAT 5098

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

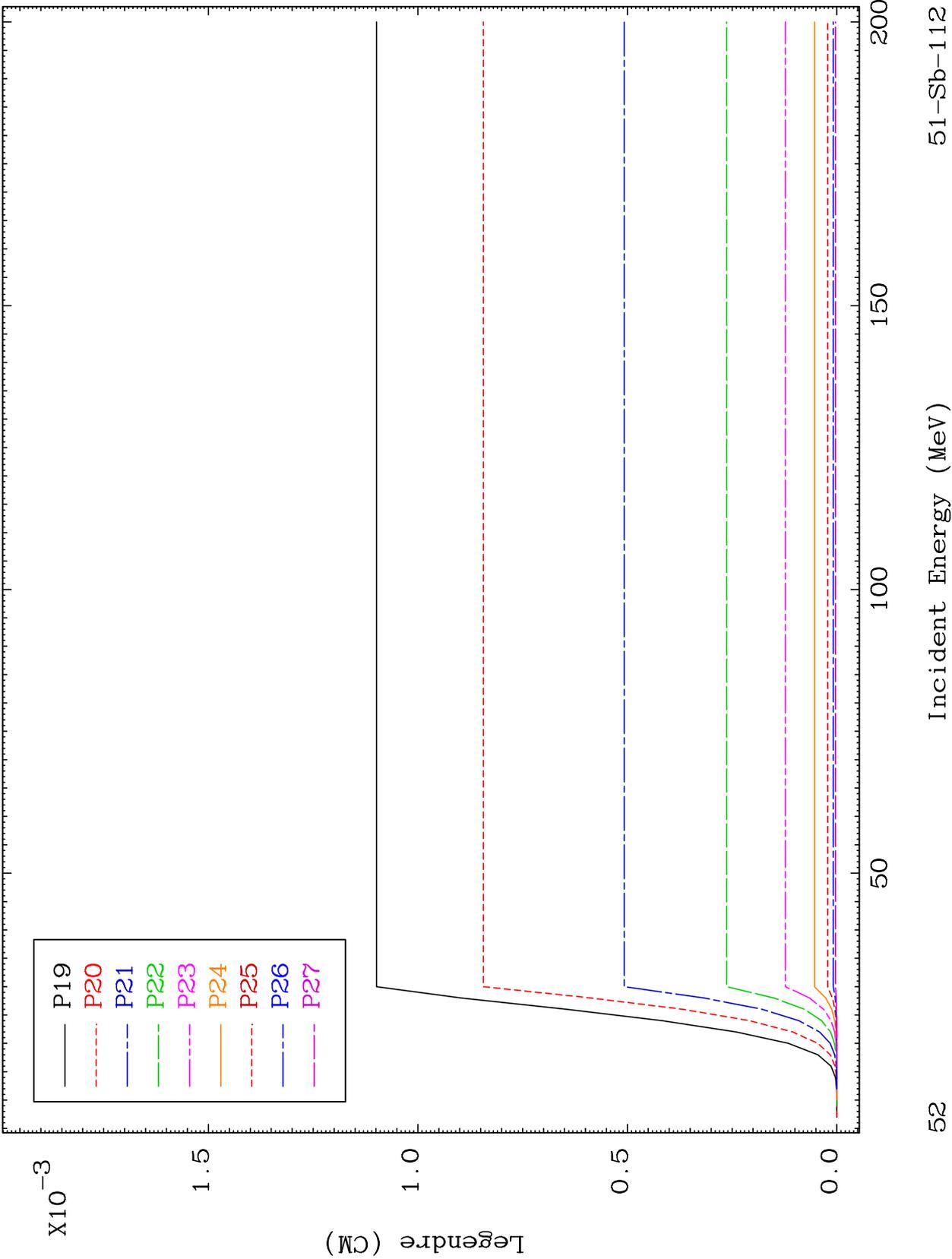
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51-Sb-112

Incident Energy (MeV)

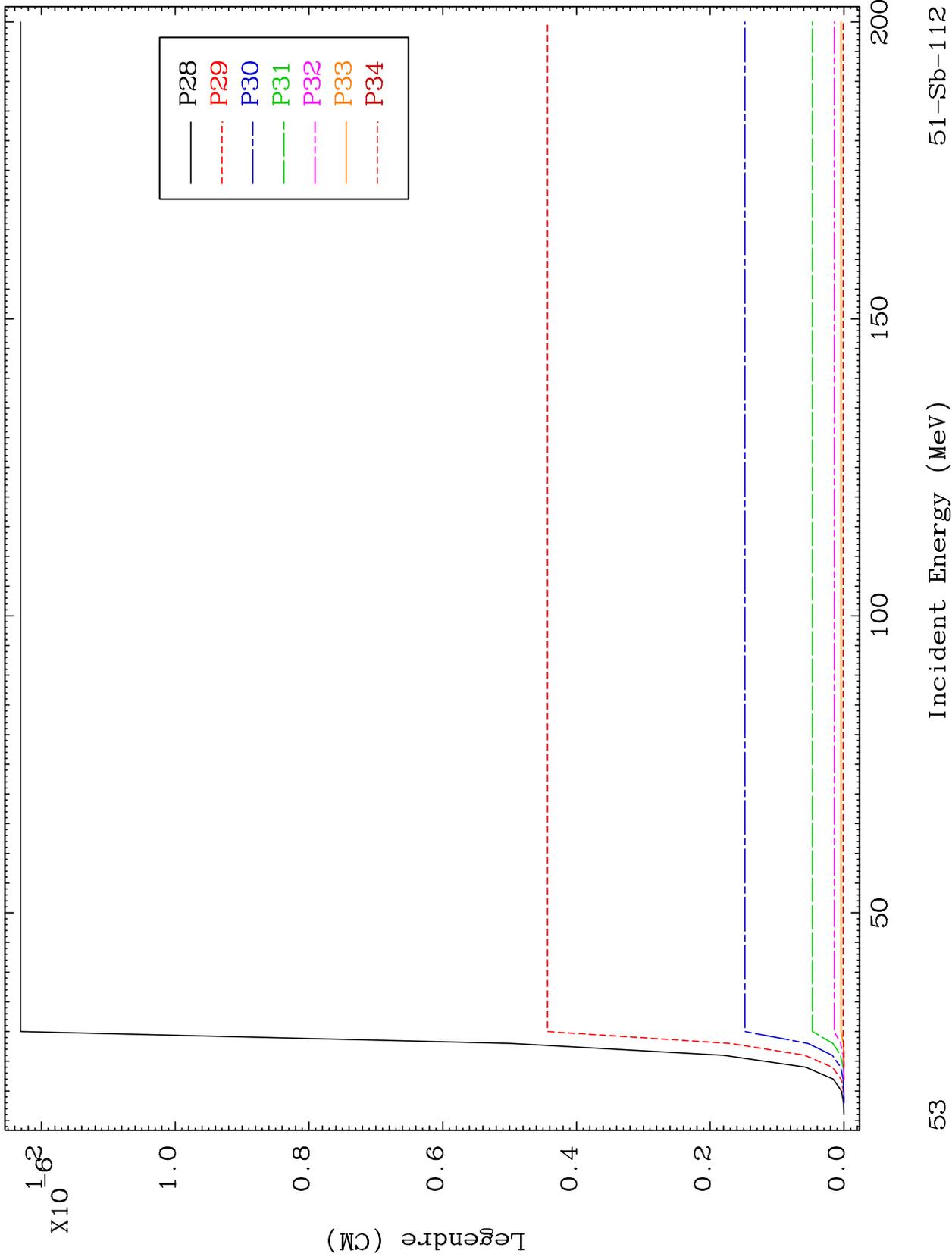
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MAT 5098

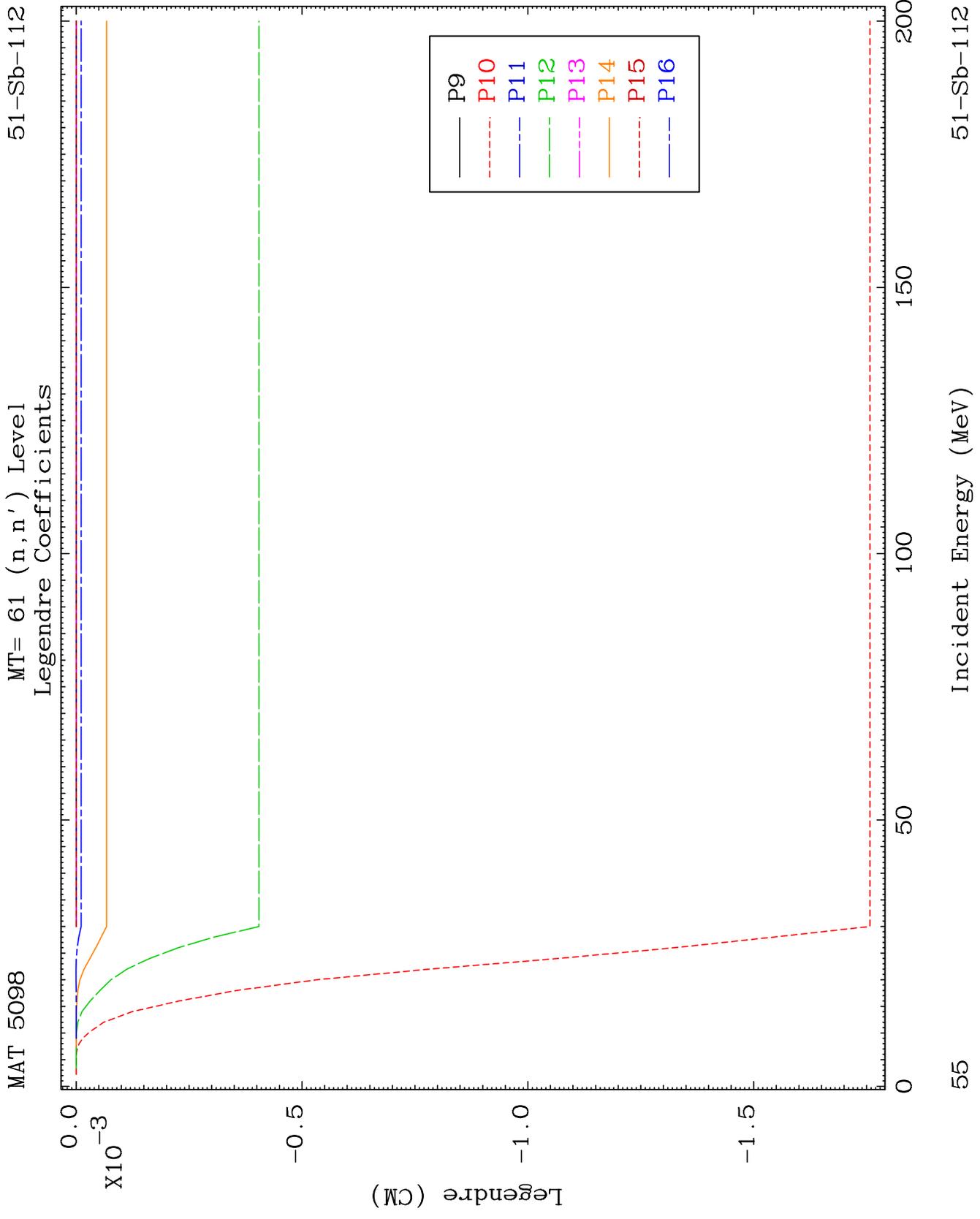
MT= 60 (n,n') Level
Legendre Coefficients

51-Sb-112



53

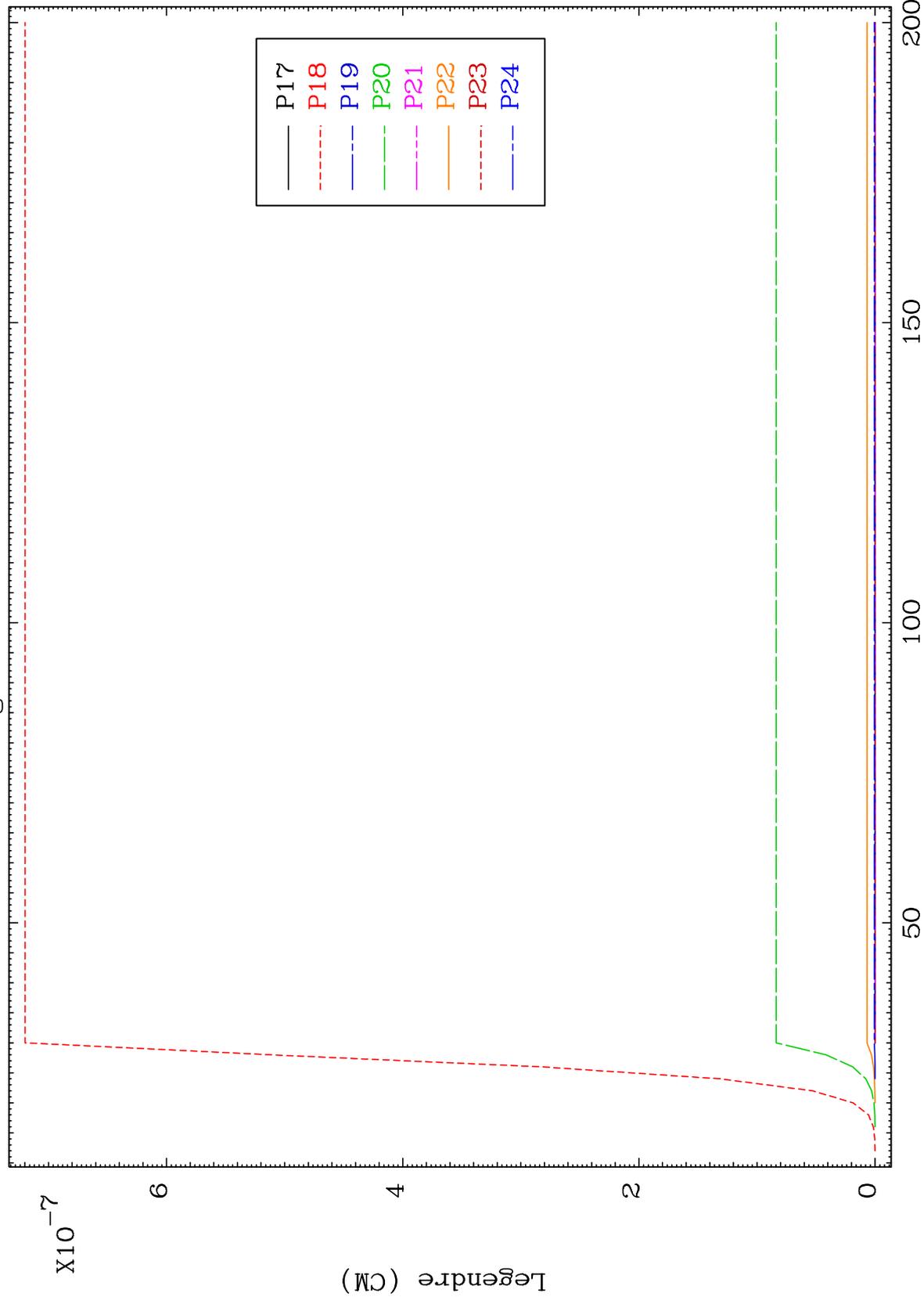
51-Sb-112



MAT 5098

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

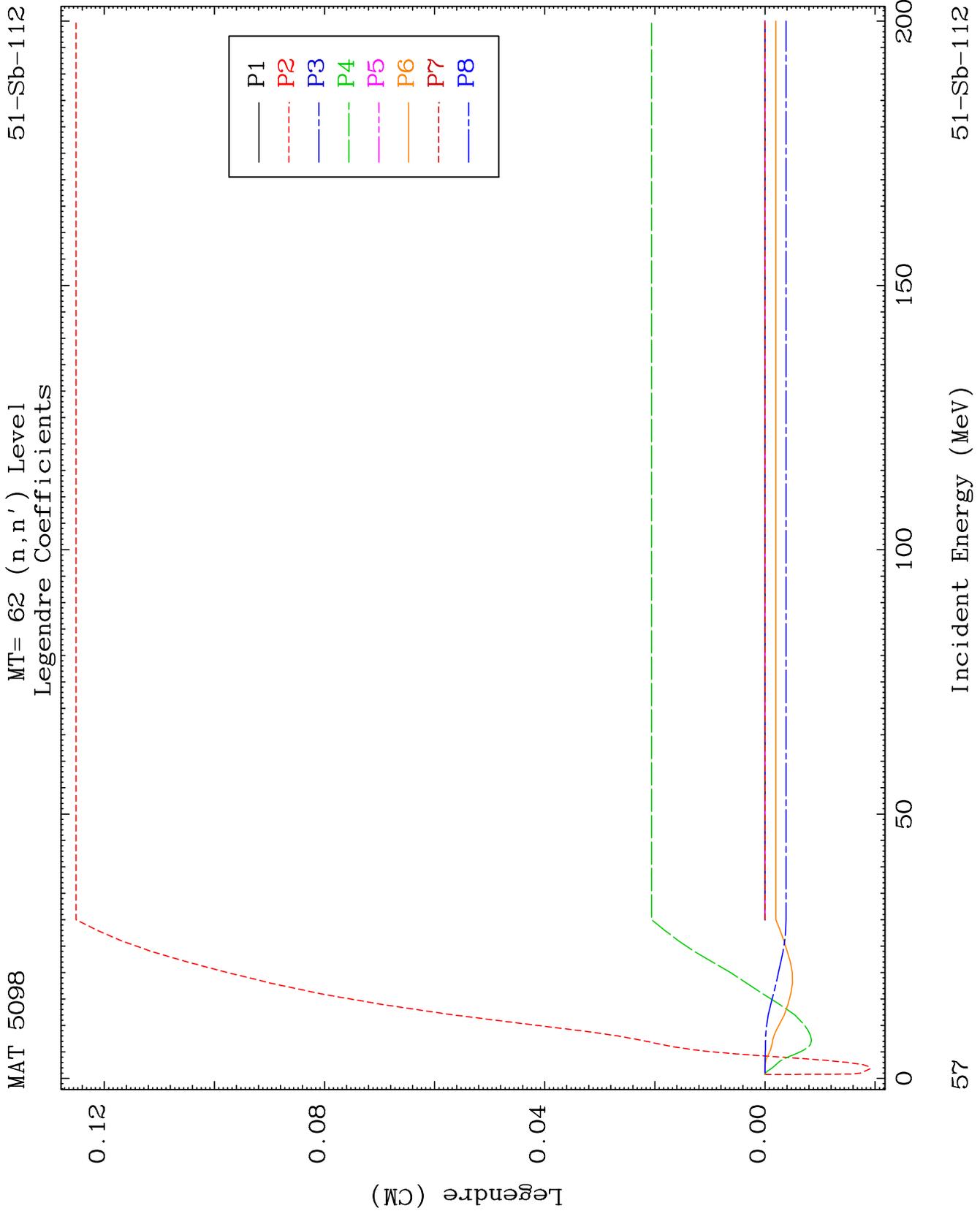
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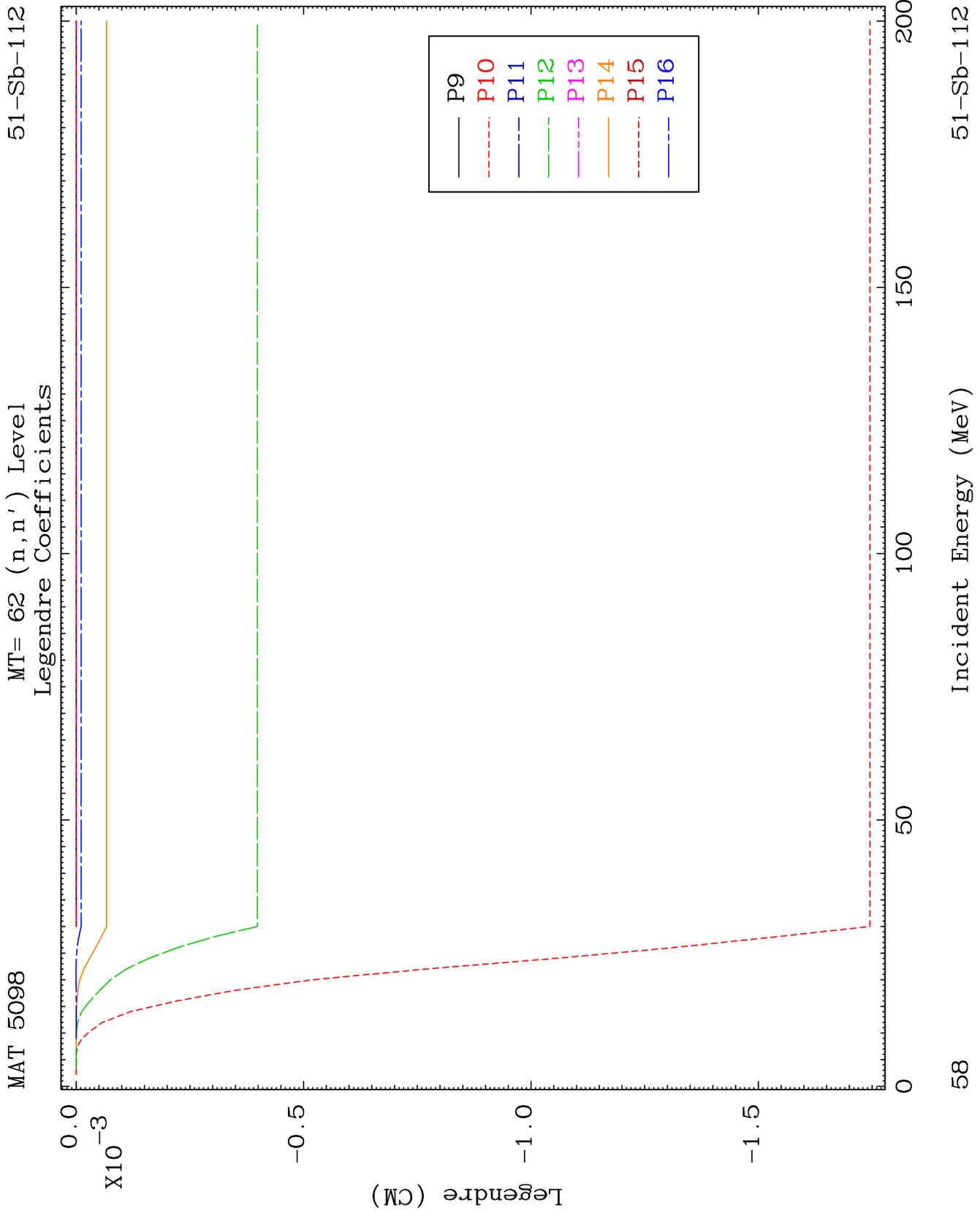


51-Sb-112

Incident Energy (MeV)

56

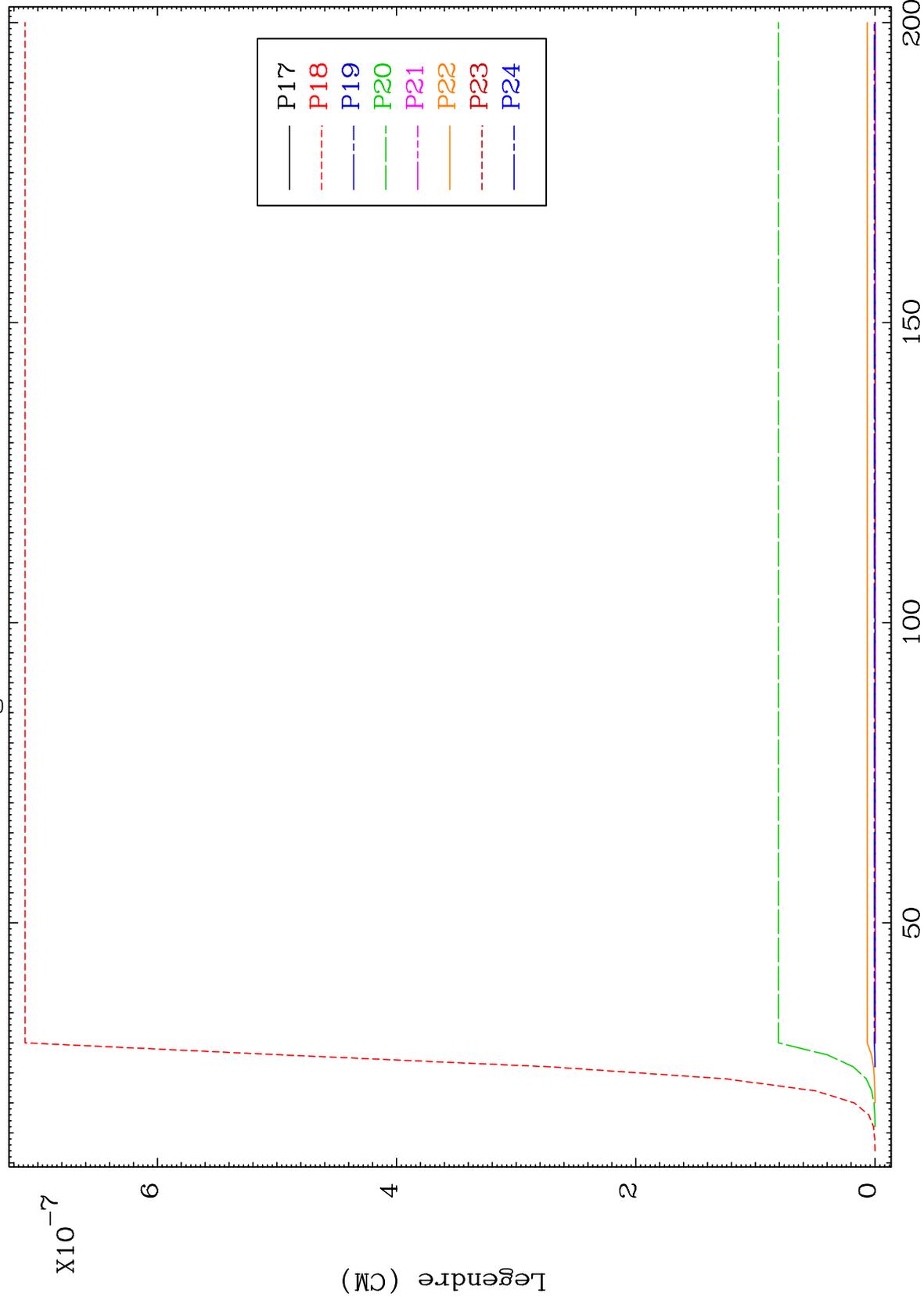




MAT 5098

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

51-Sb-112



51-Sb-112

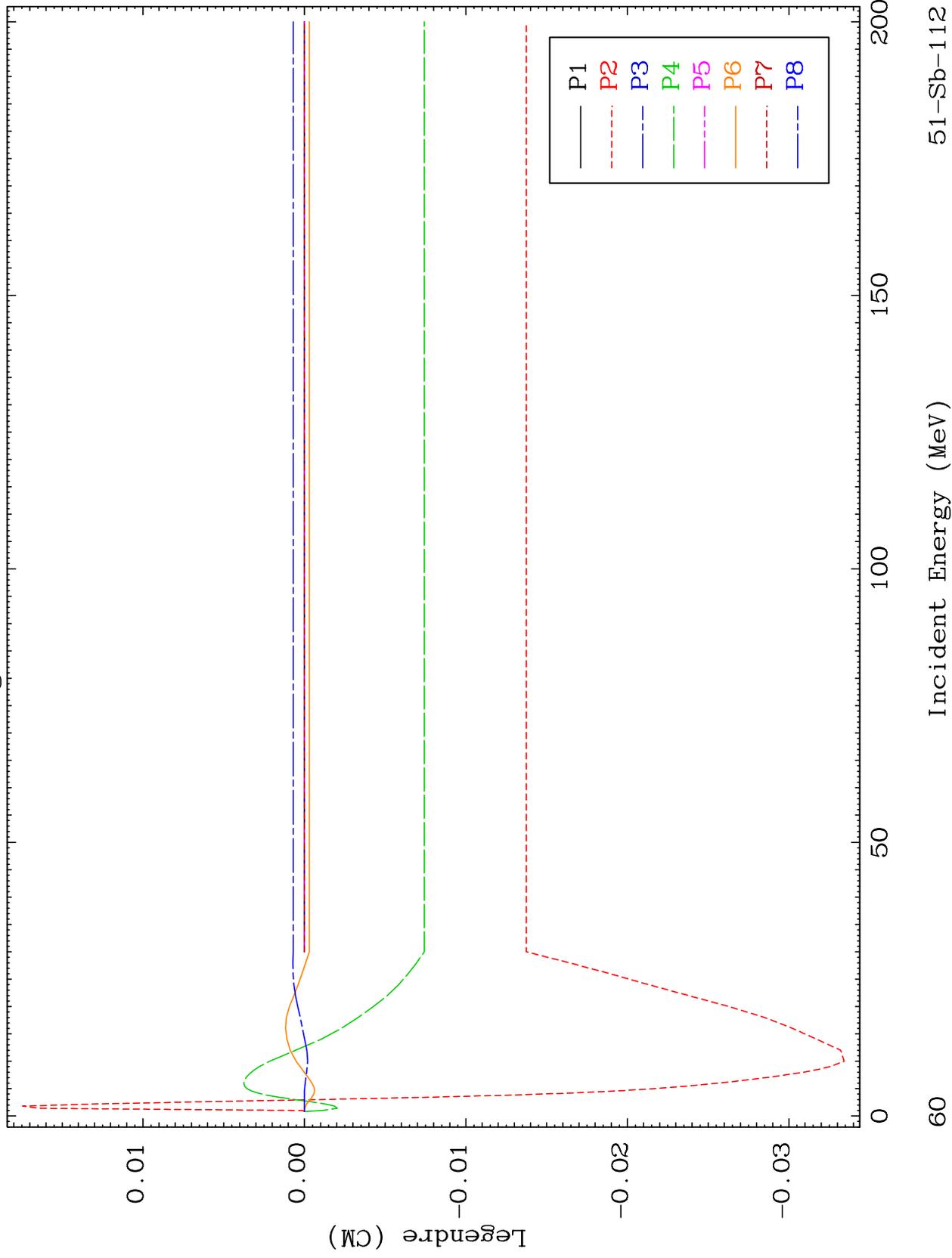
Incident Energy (MeV)

59

MAT 5098

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

51-Sb-112

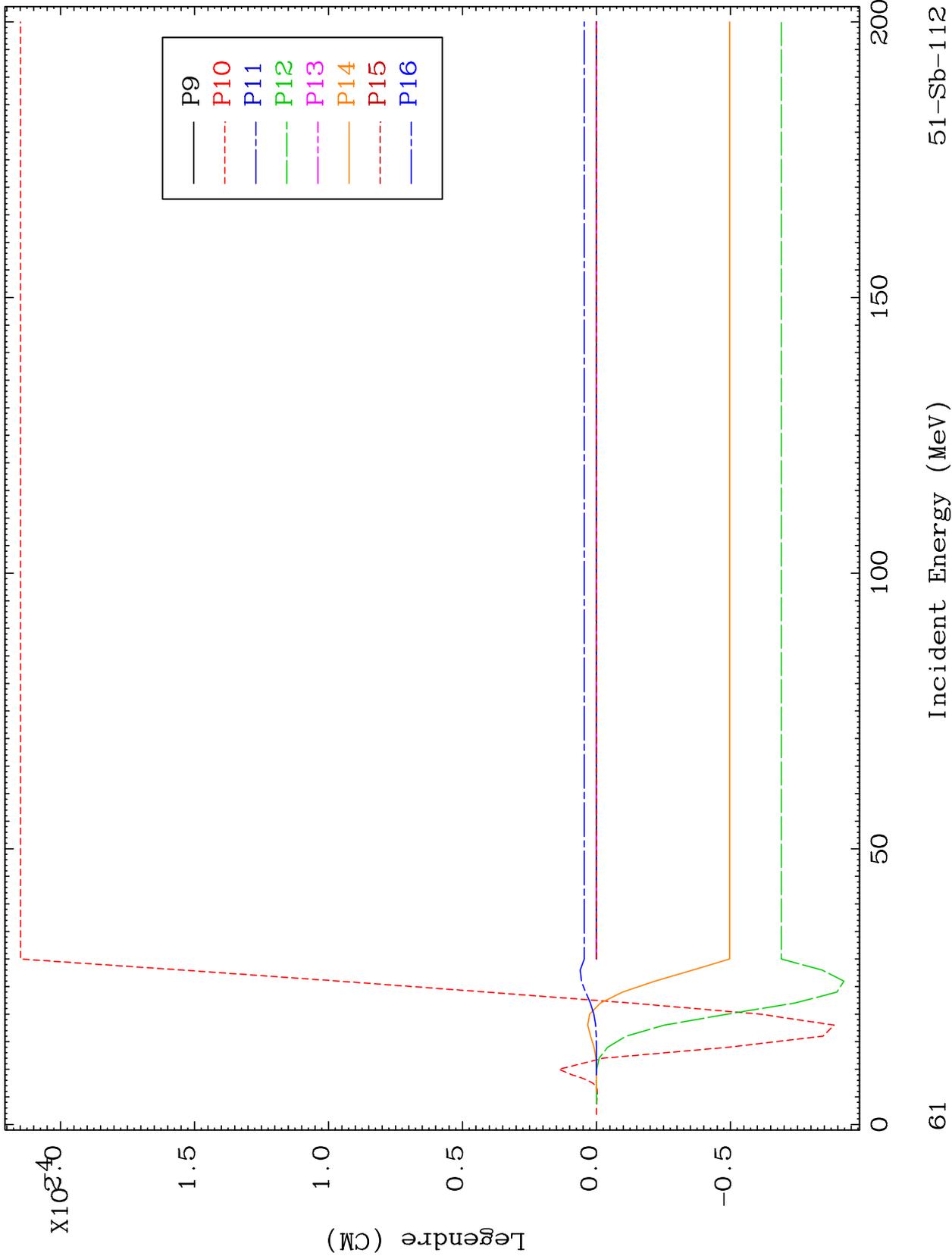


51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

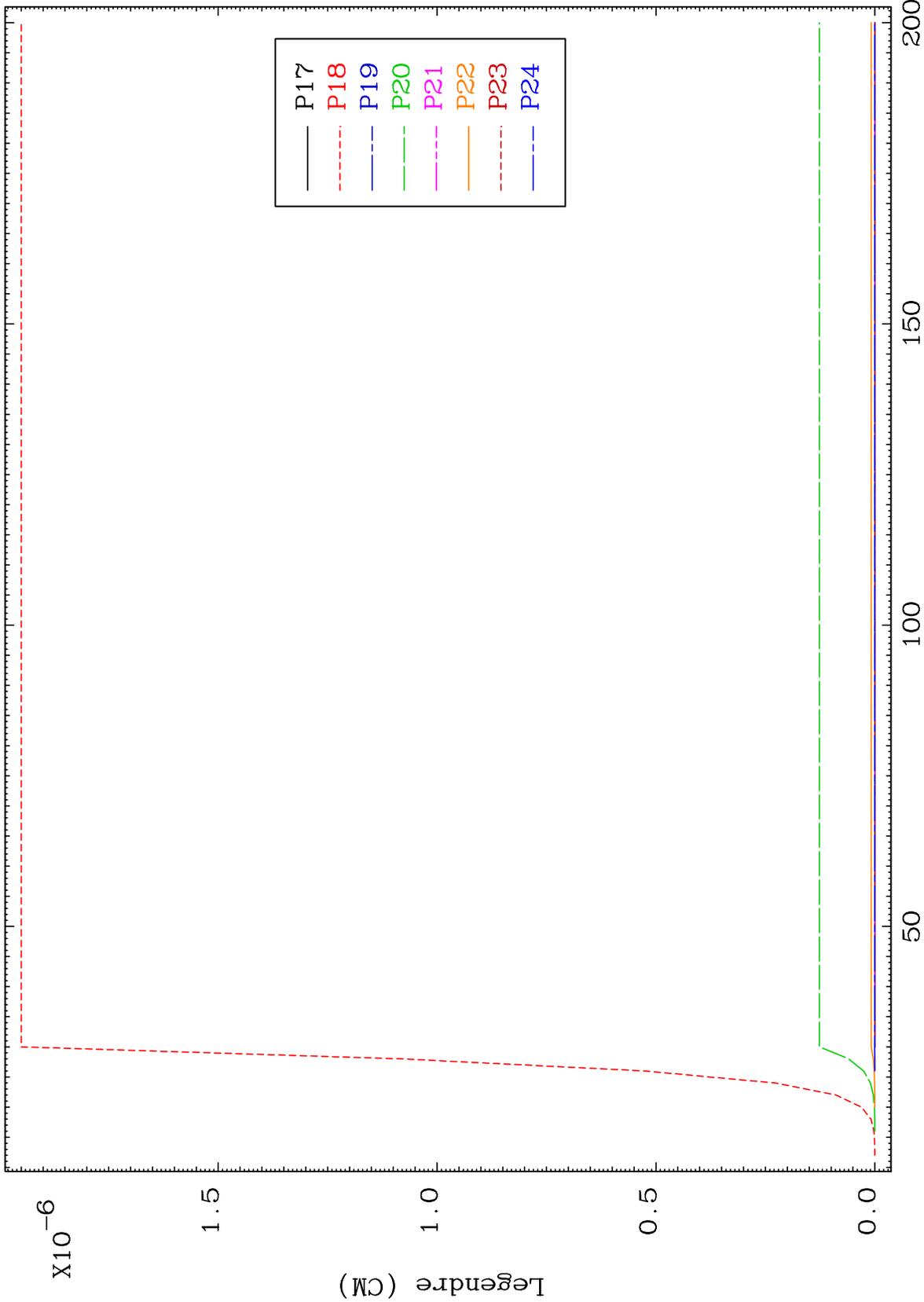
Incident Energy (MeV)

61

MAT 5098

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

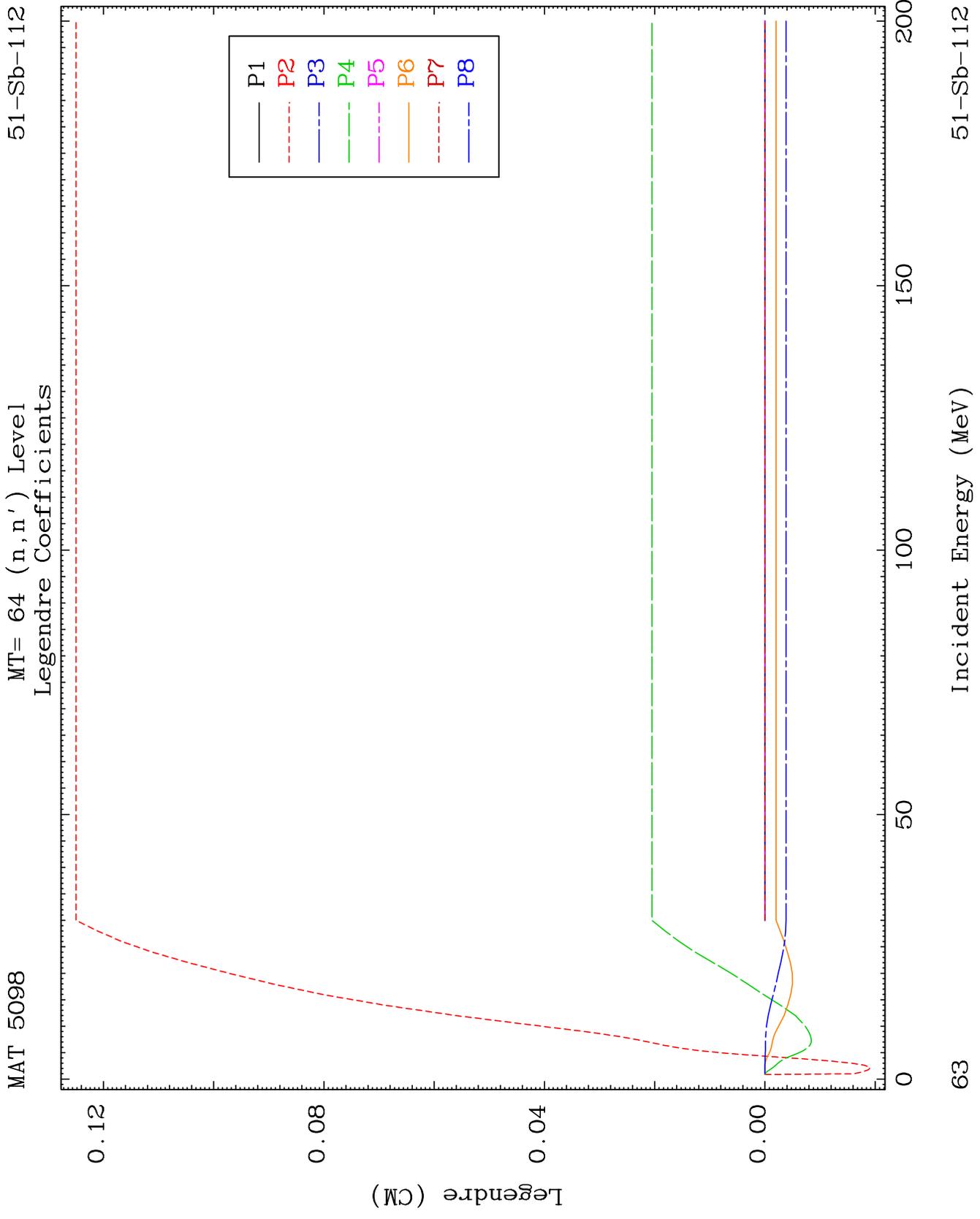
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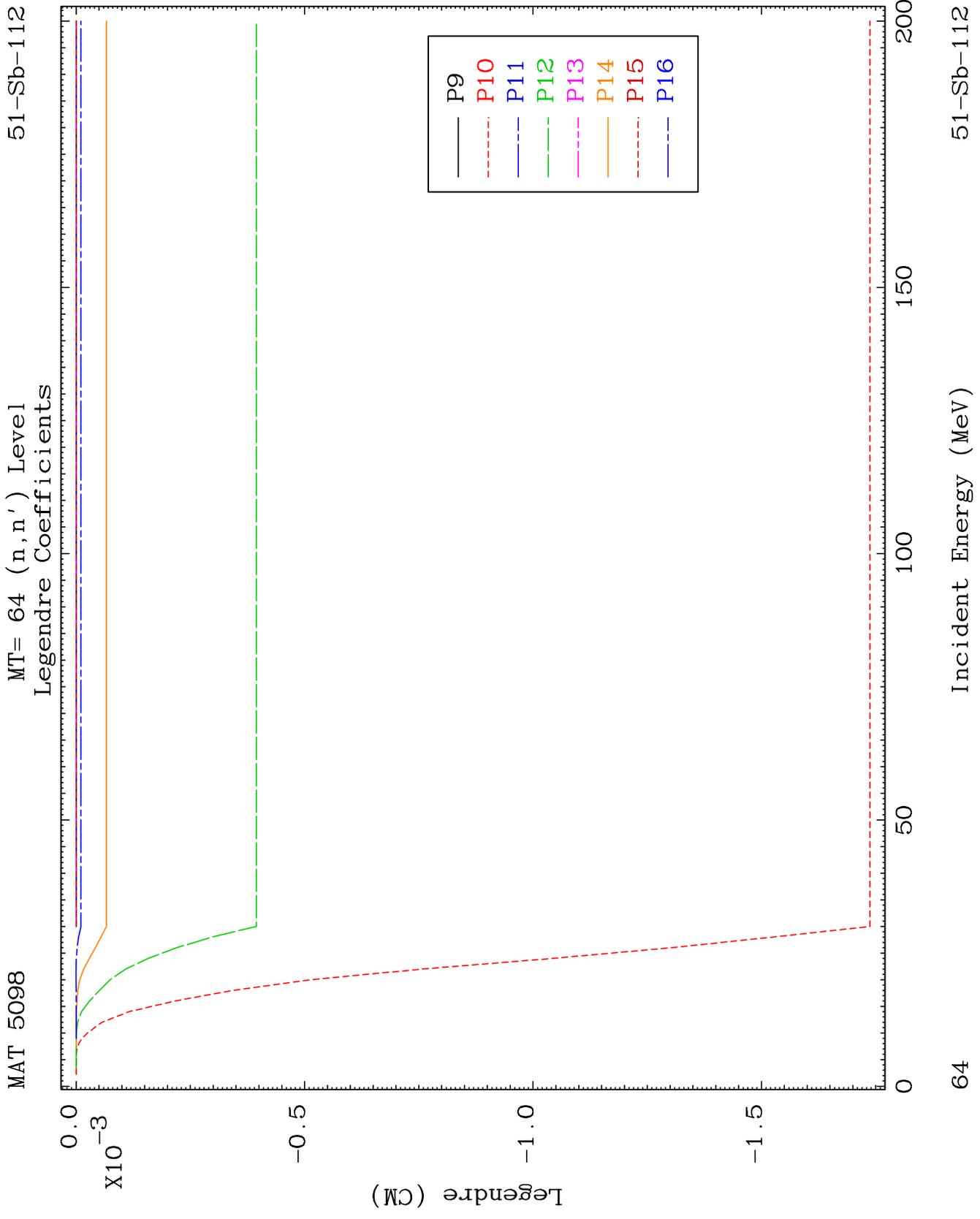


62

Incident Energy (MeV)

51-Sb-112

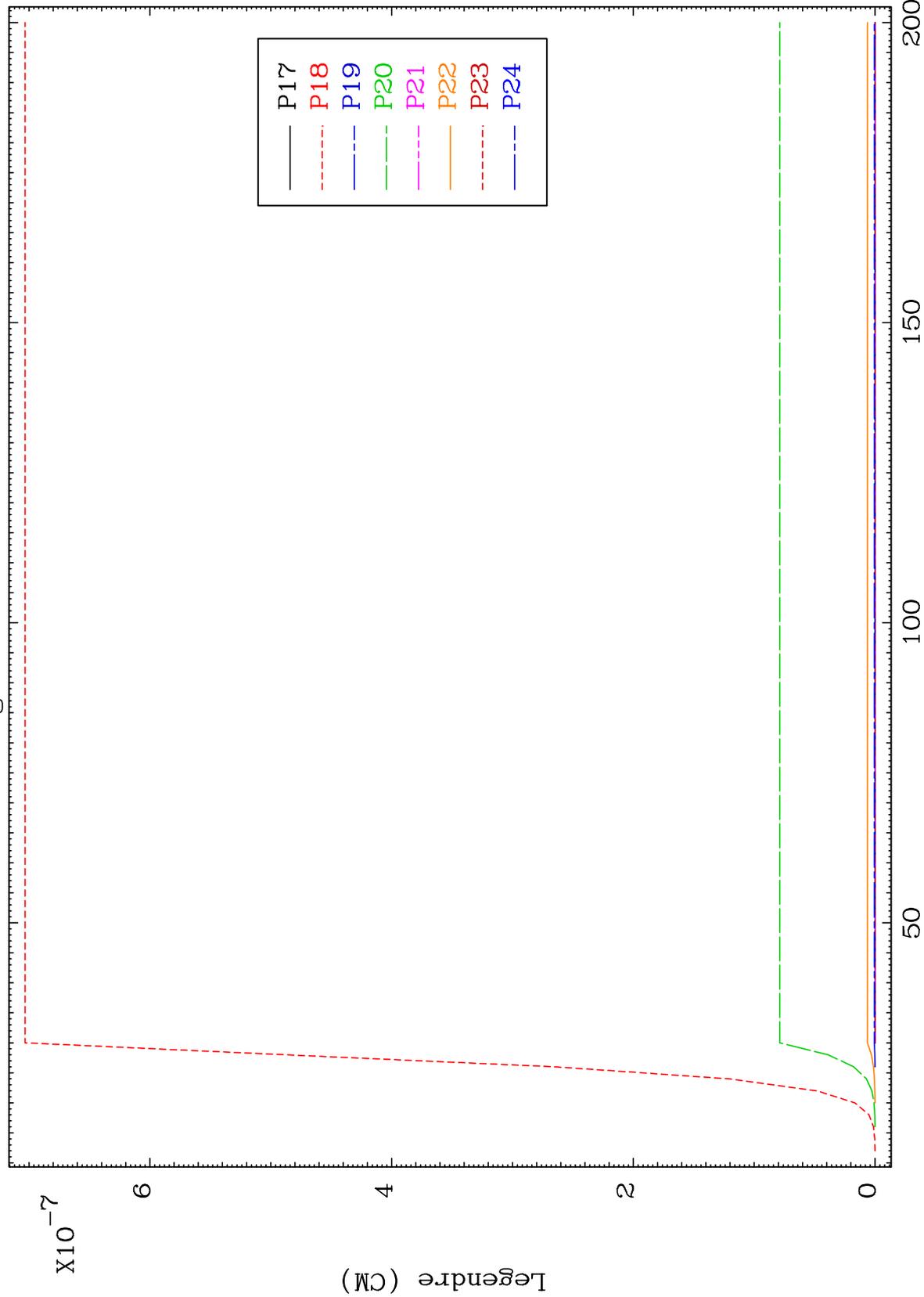




MAT 5098

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

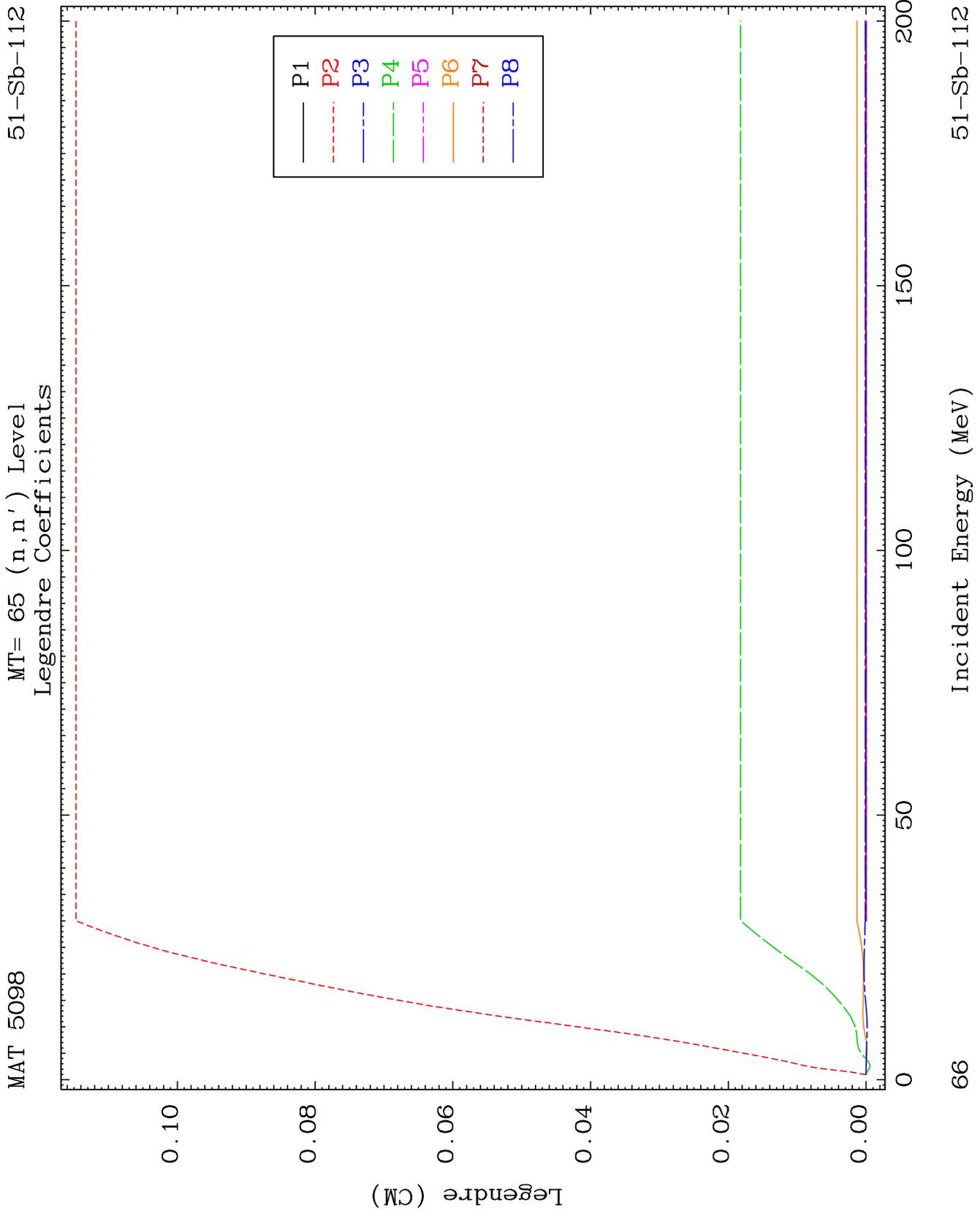
51-Sb-112

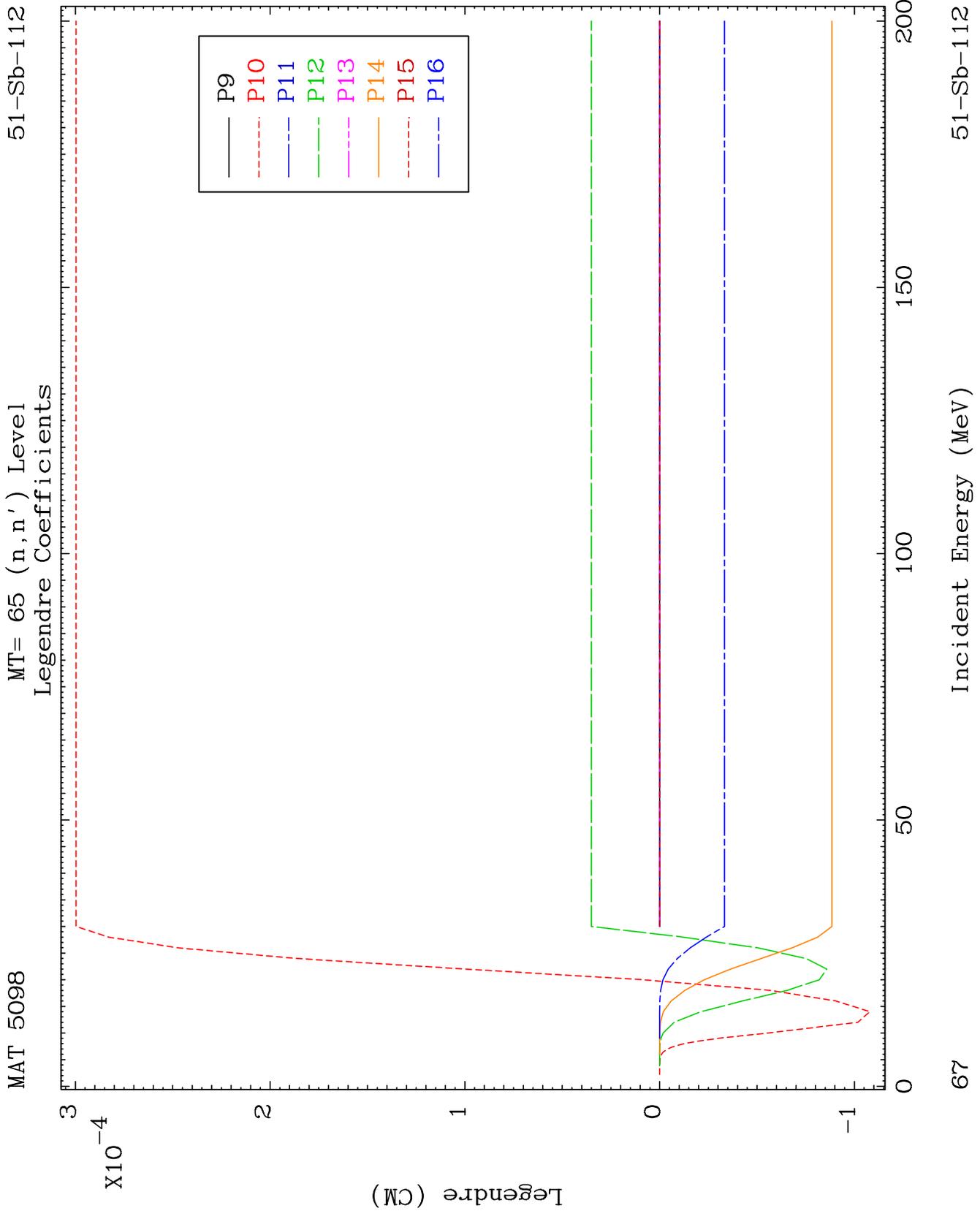


51-Sb-112

Incident Energy (MeV)

65

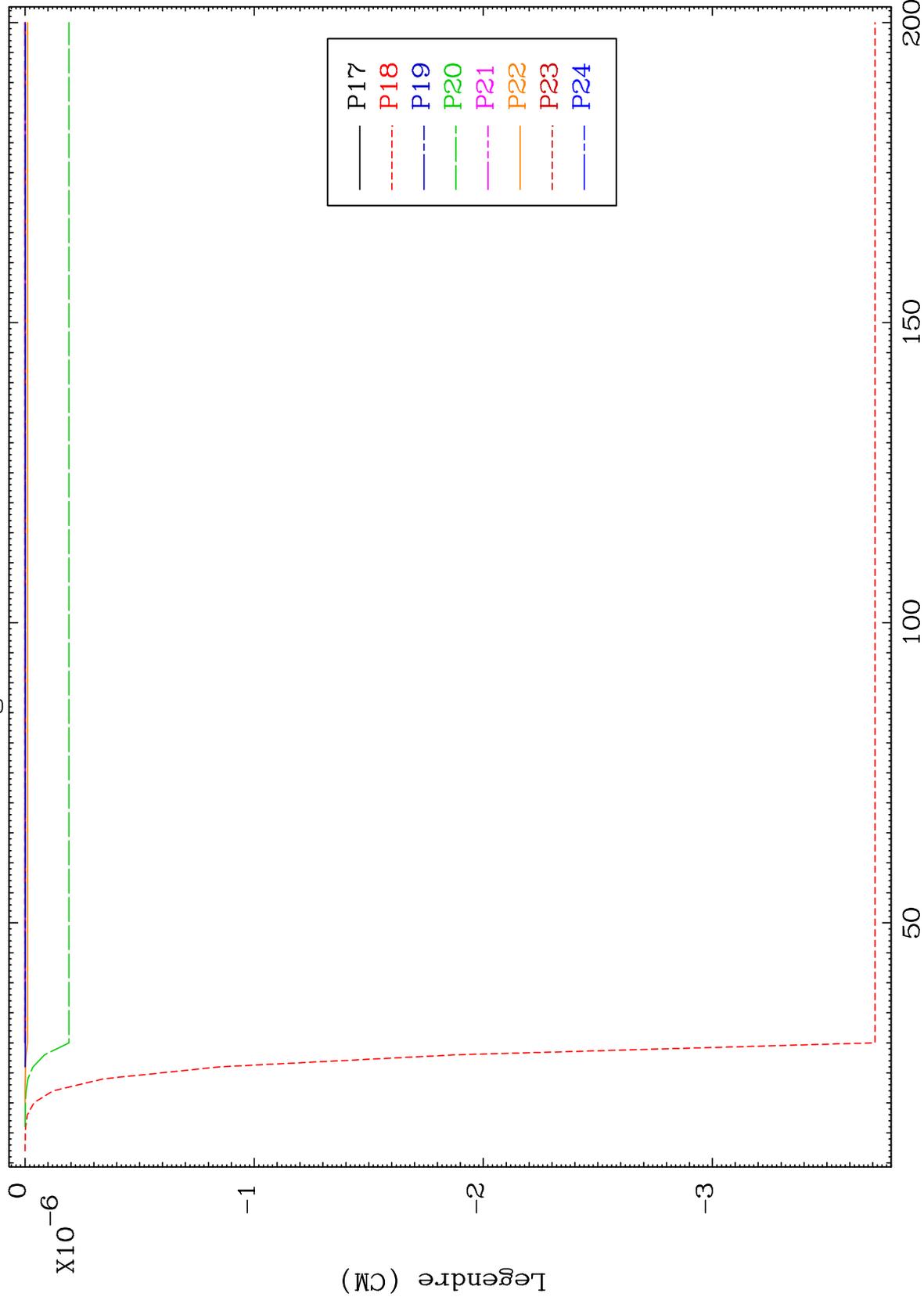




MAT 5098

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

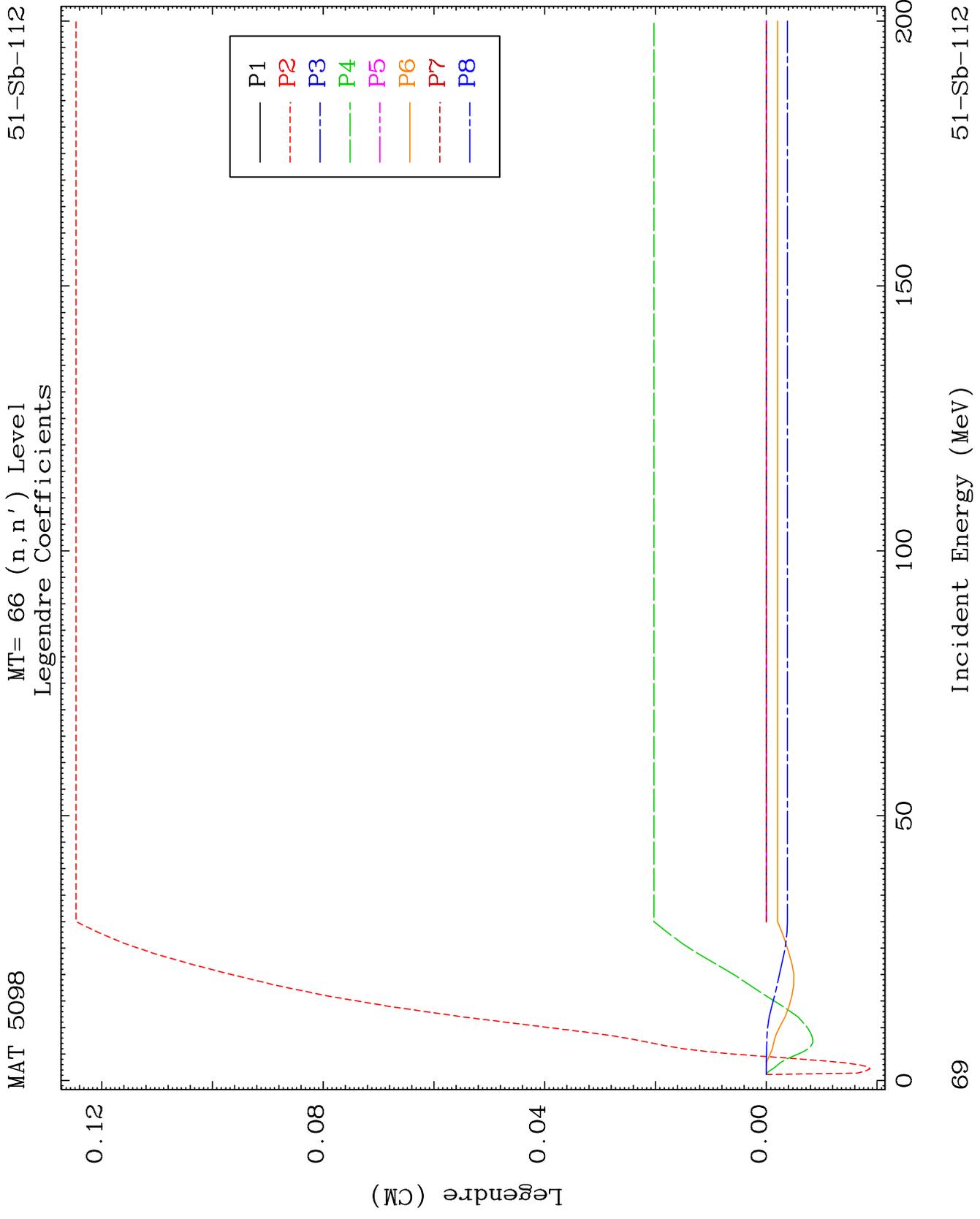
51-Sb-112



51-Sb-112

Incident Energy (MeV)

68

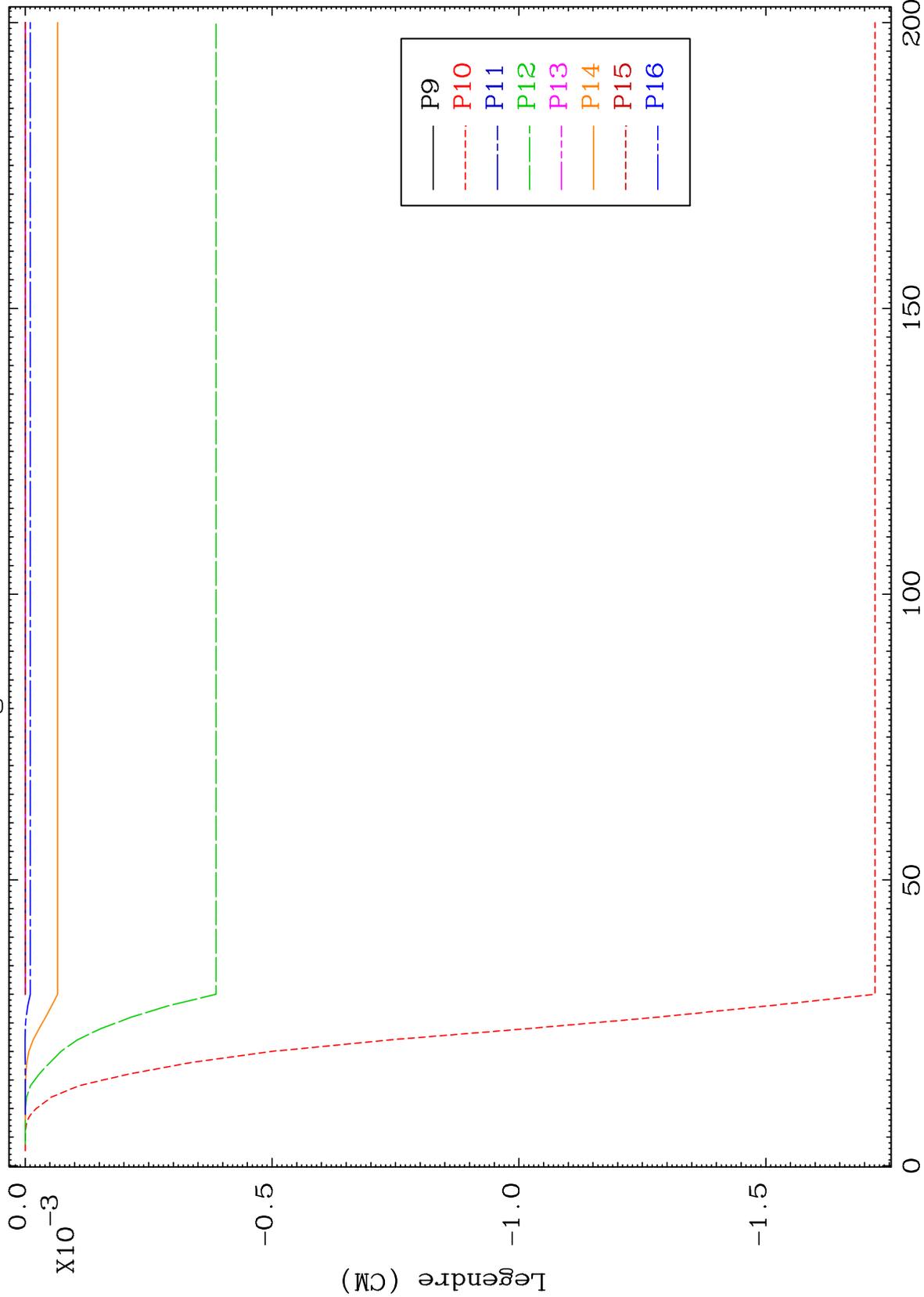


MAT 5098

MT= 66 (n,n') Level

51-Sb-112

Legendre Coefficients



70

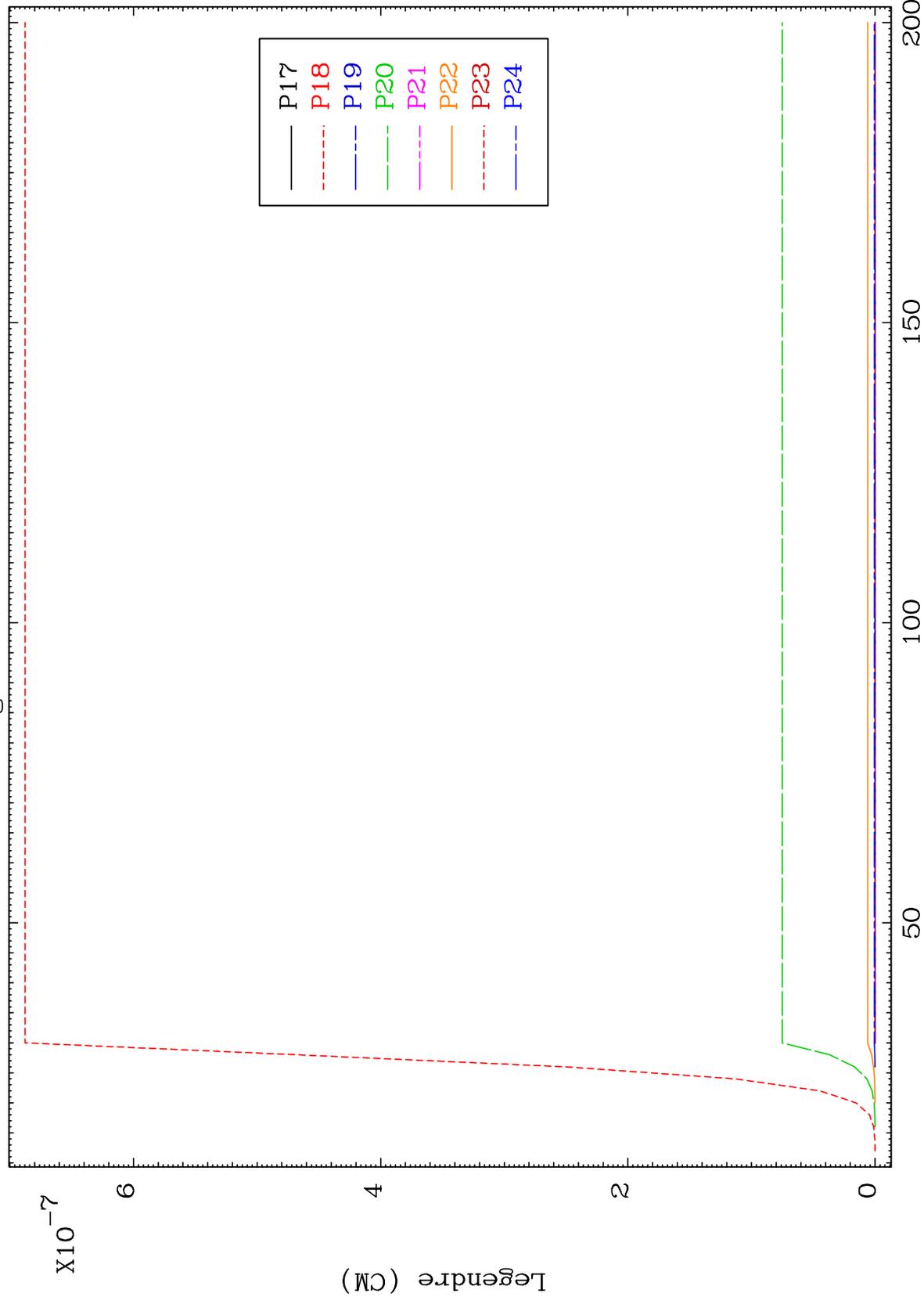
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

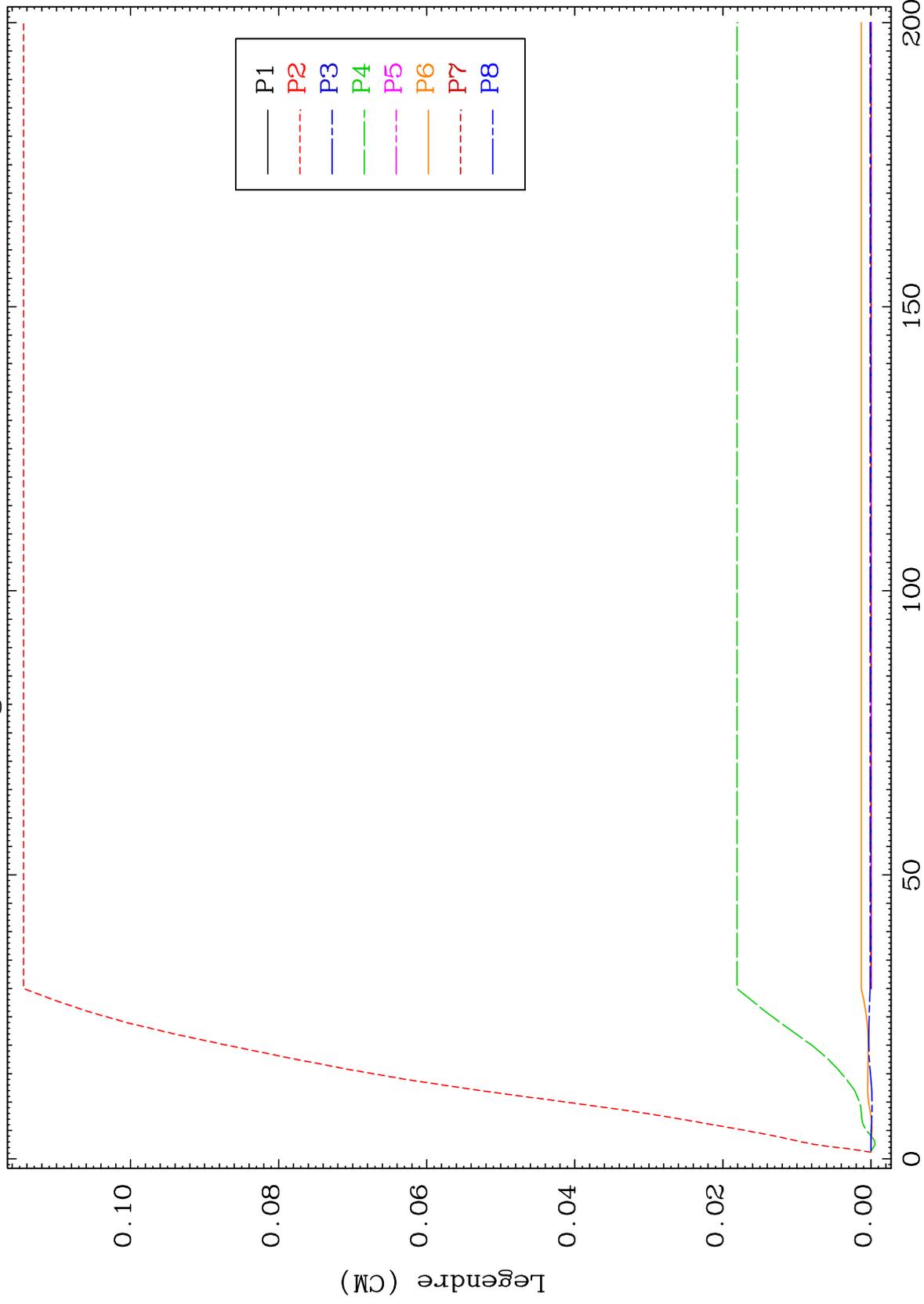
Incident Energy (MeV)

71

MAT 5098

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

51-Sb-112



72

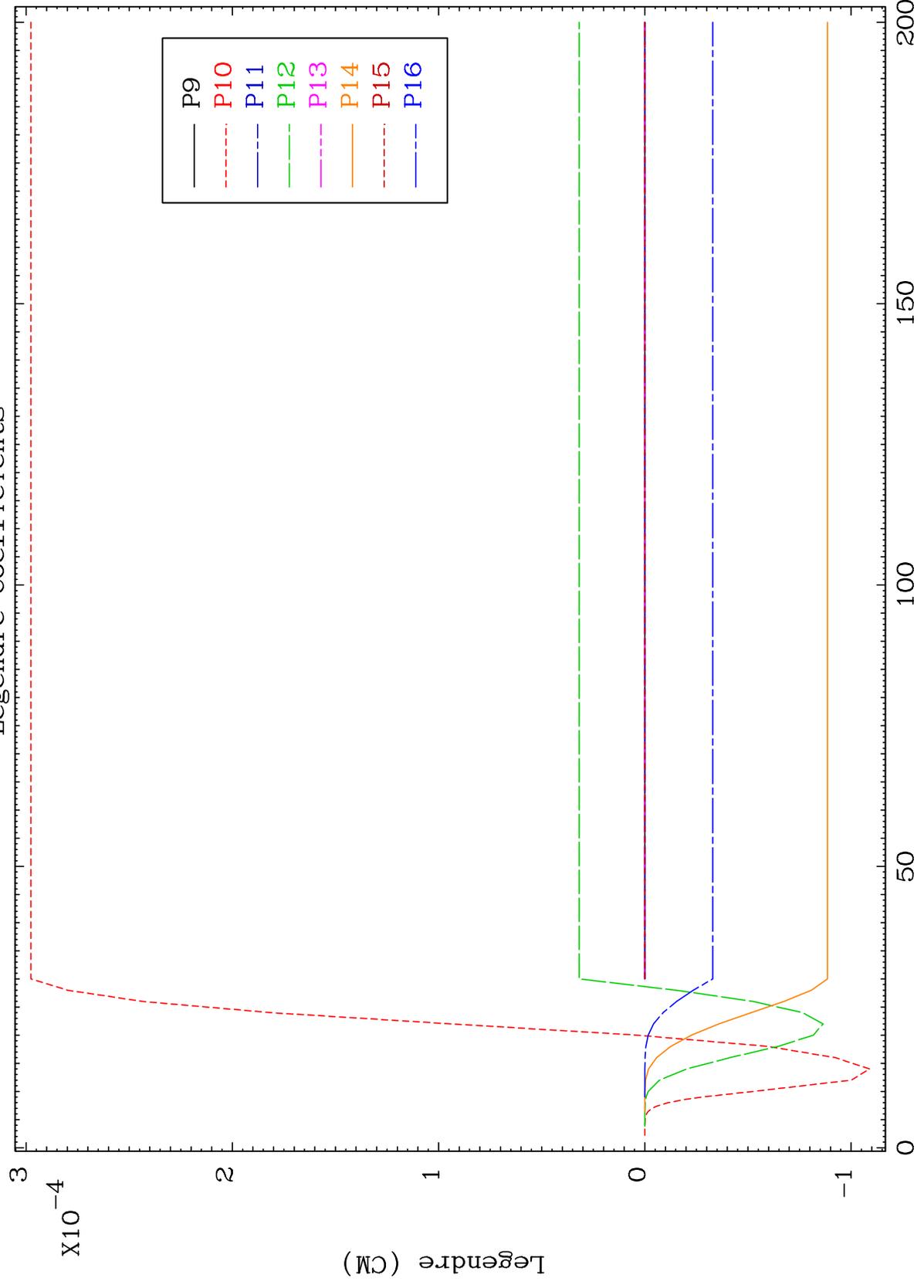
Incident Energy (MeV)

51-Sb-112

MAT 5098

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

51-Sb-112



51-Sb-112

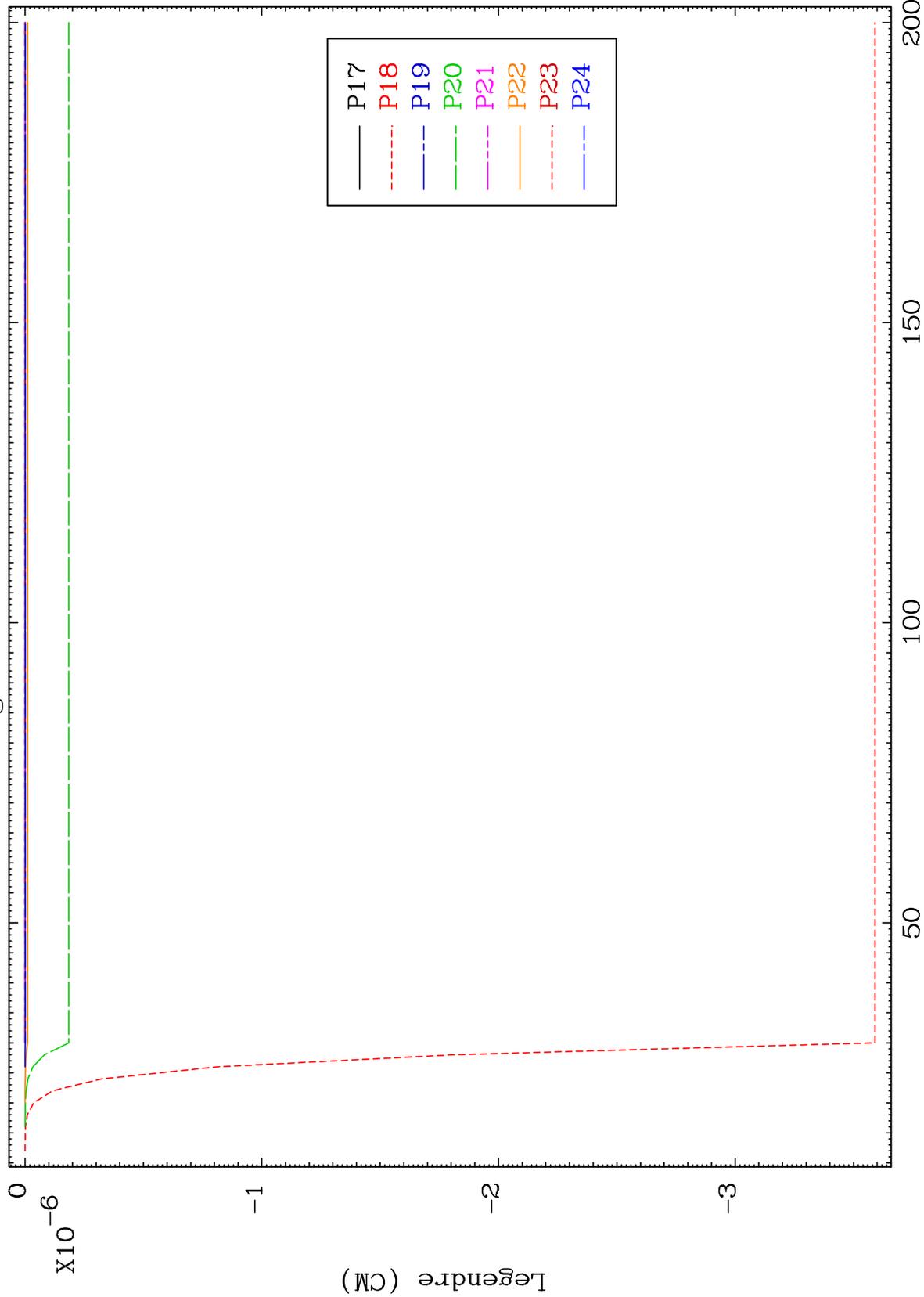
Incident Energy (MeV)

73

MAT 5098

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

51-Sb-112



51-Sb-112

Incident Energy (MeV)

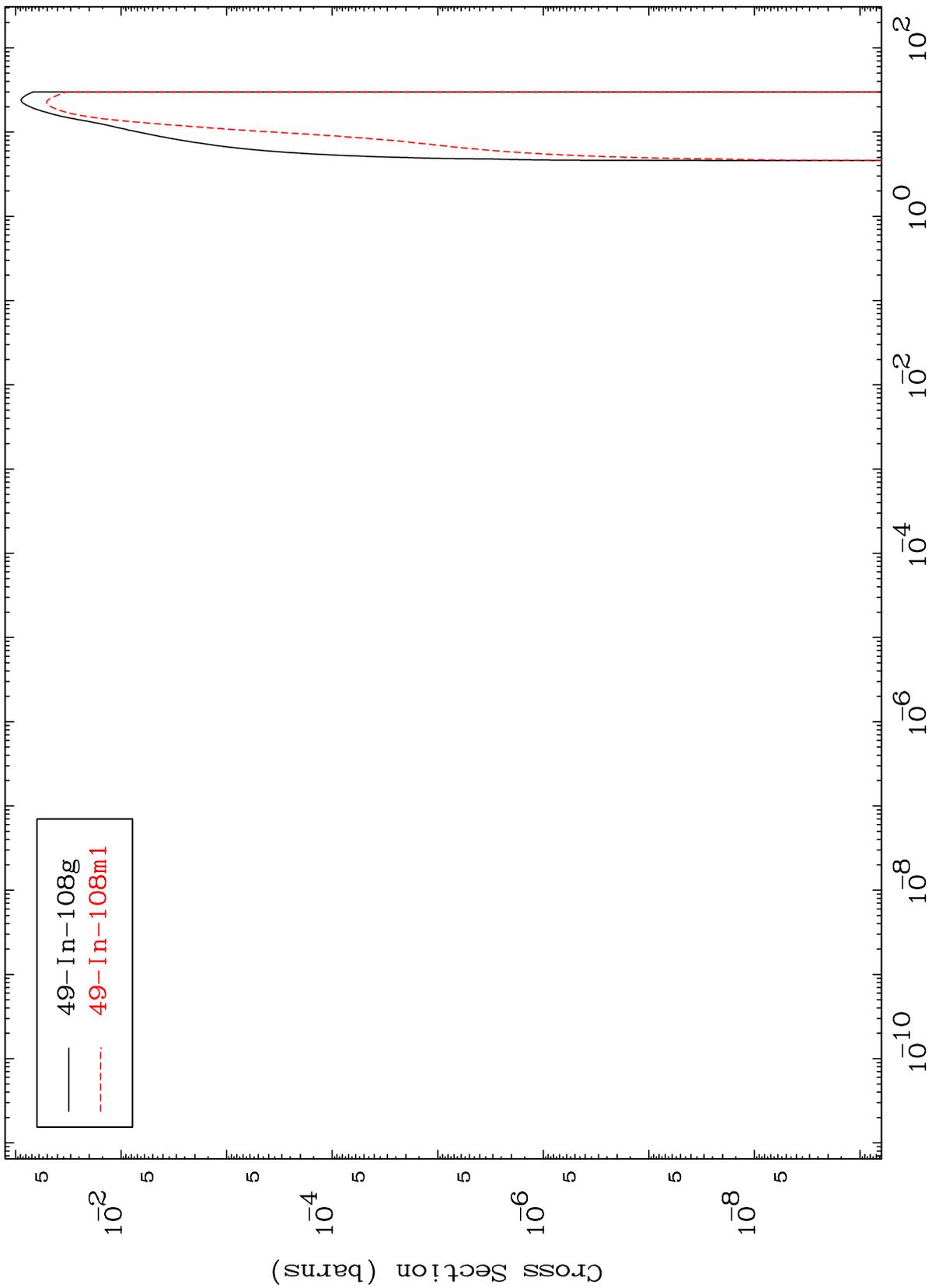
74

MAT 5098

$(n, n') \alpha$

51-Sb-112

Radionuclide Production Cross Section



75

Incident Energy (MeV)

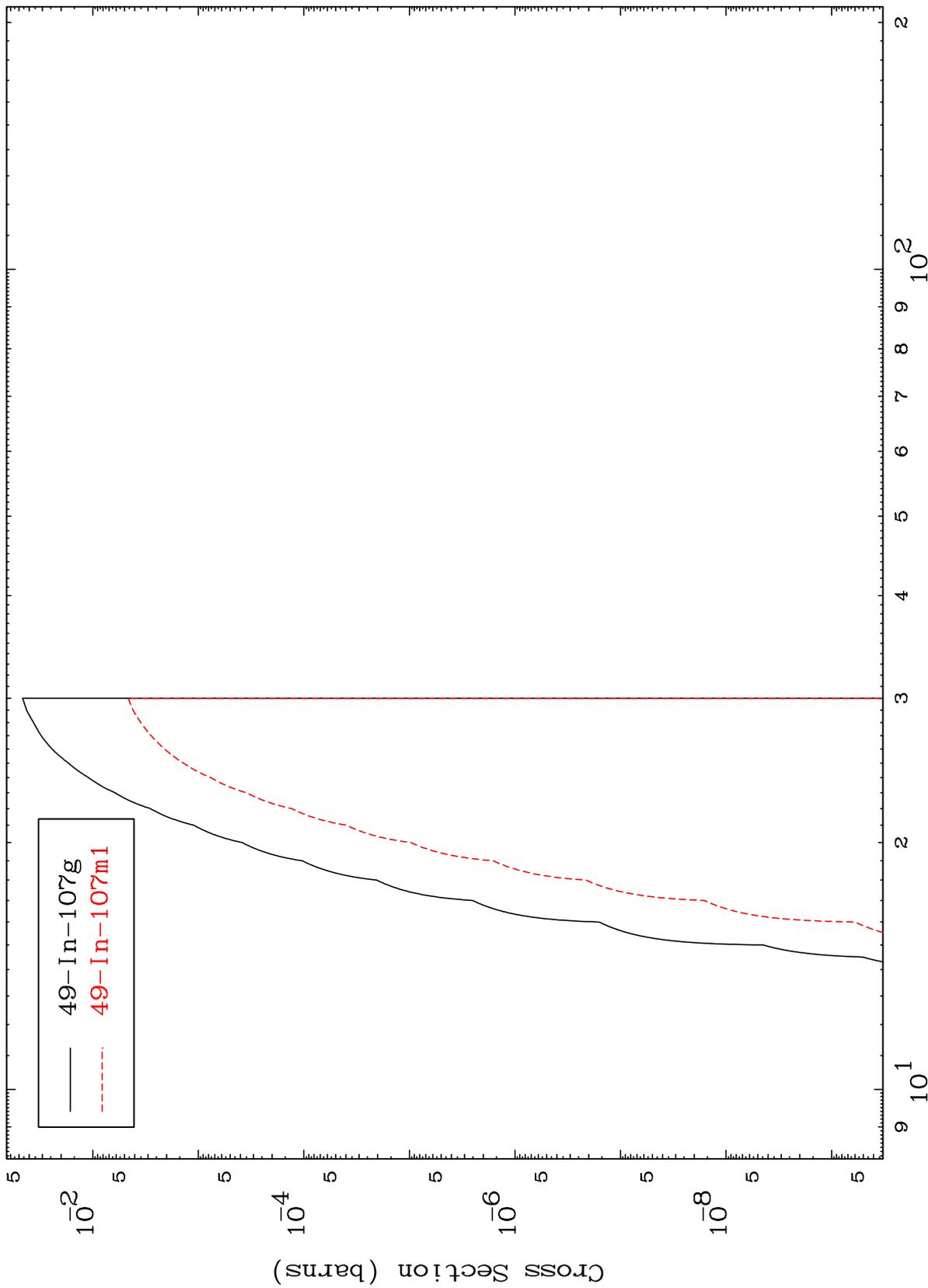
51-Sb-112

MAT 5098

(n,2n) α

51-Sb-112

Radionuclide Production Cross Section



76

Incident Energy (MeV)

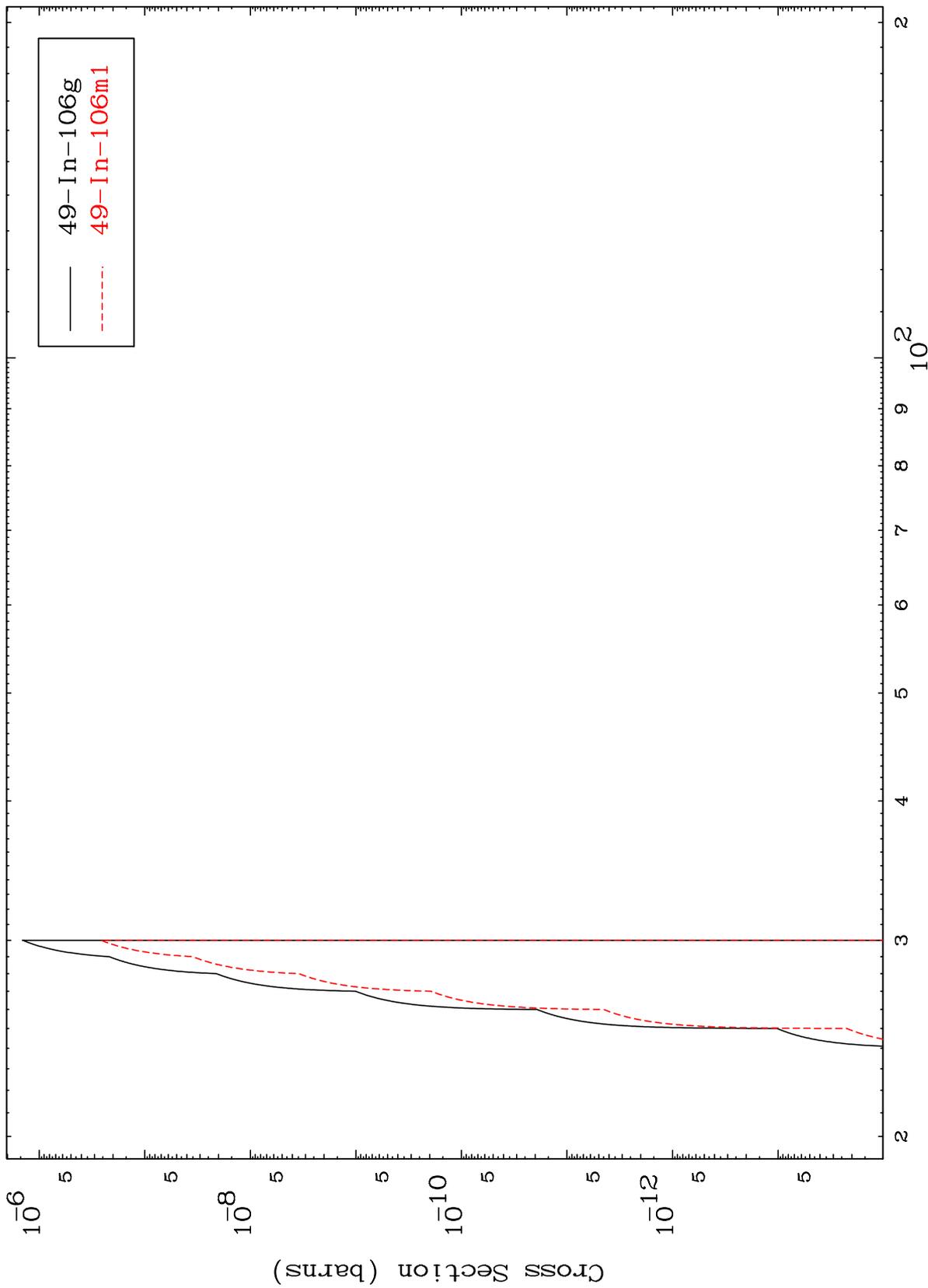
51-Sb-112

MAT 5098

(n,3n) α

51-Sb-112

Radionuclide Production Cross Section



77

Incident Energy (MeV)

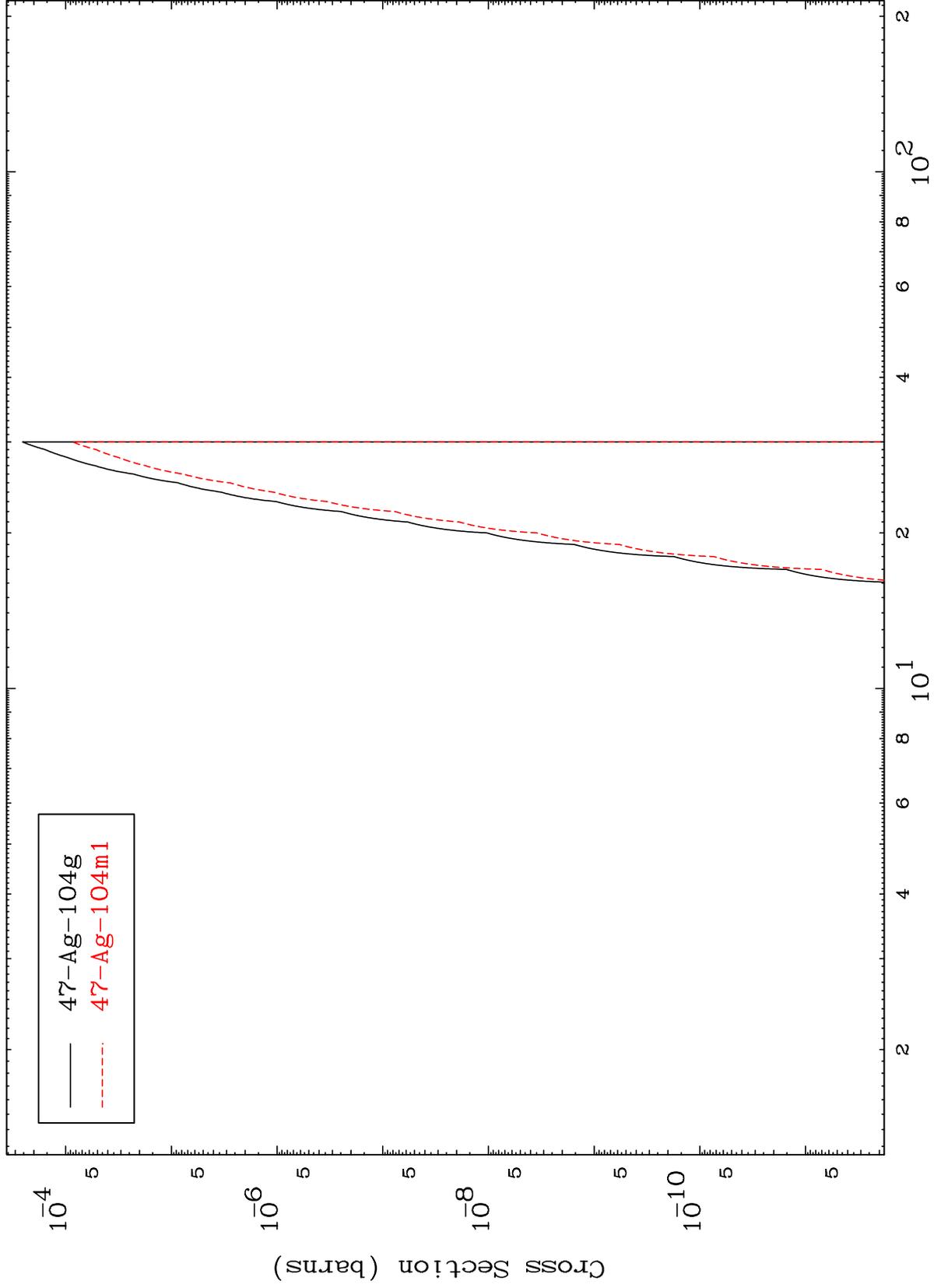
51-Sb-112

MAT 5098

(n,n') 2 α

51-Sb-112

Radionuclide Production Cross Section



78

Incident Energy (MeV)

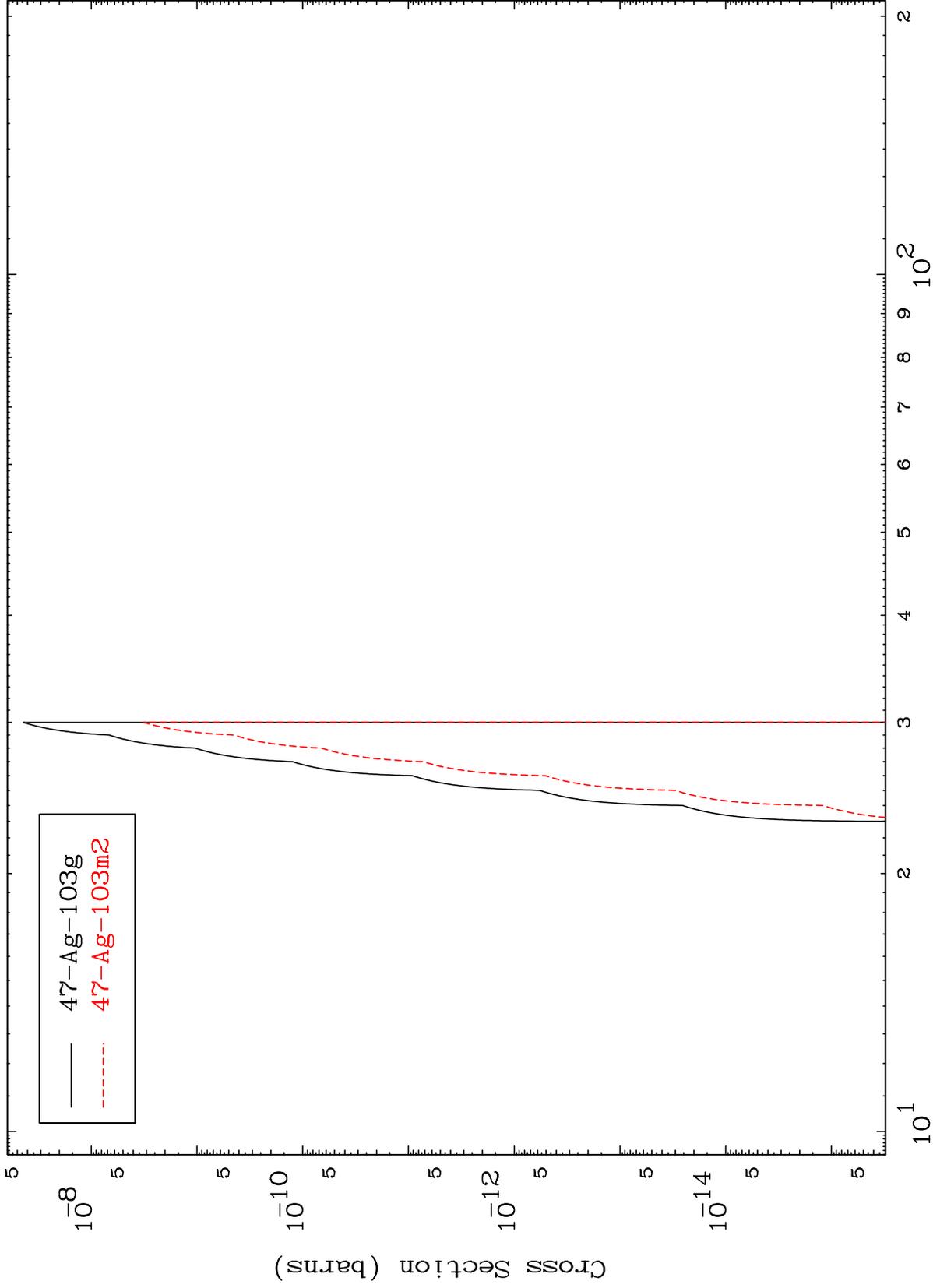
51-Sb-112

MAT 5098

(n,2n) 2α

51-Sb-112

Radionuclide Production Cross Section



79

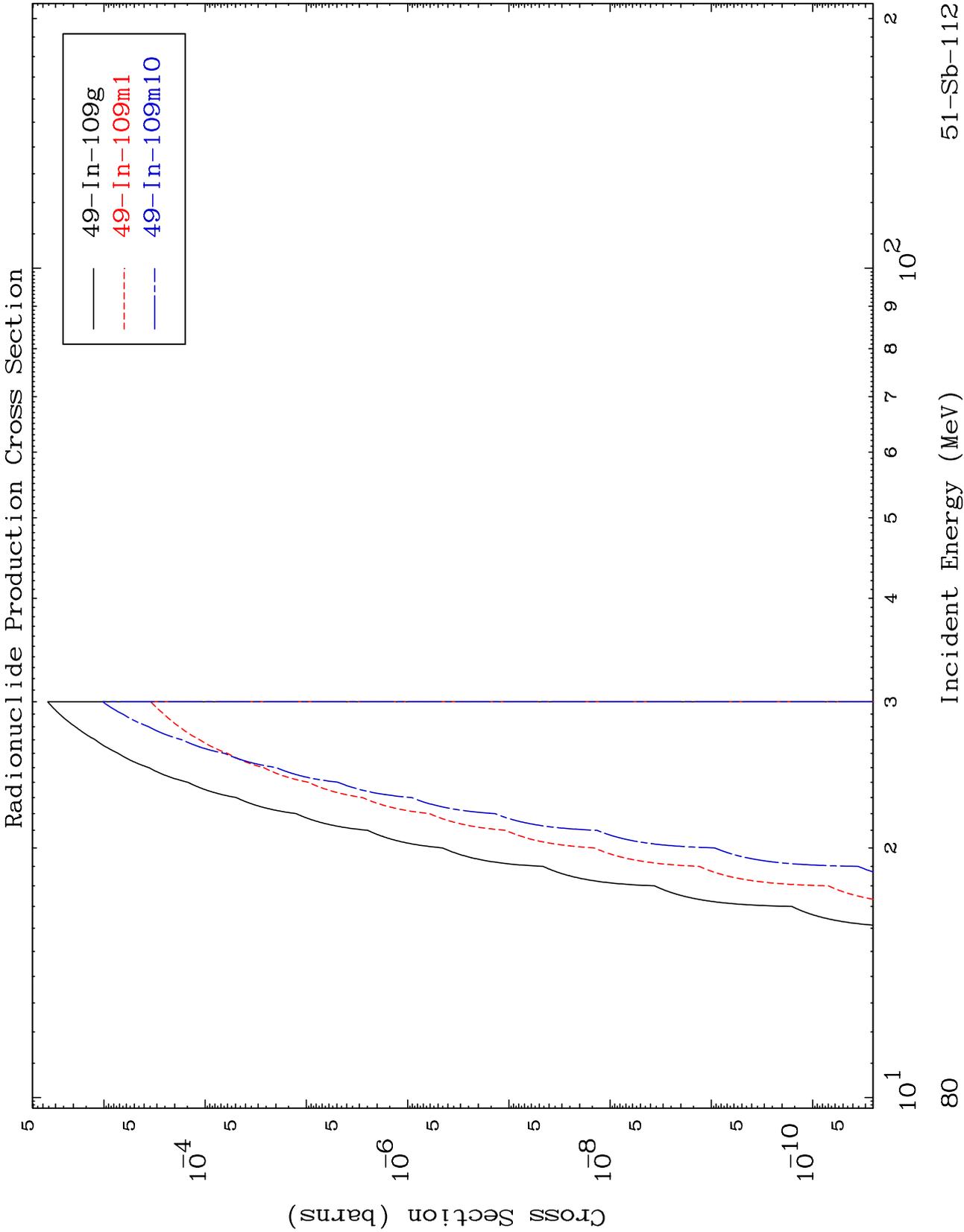
Incident Energy (MeV)

51-Sb-112

MAT 5098

(n,n') He-3

51-Sb-112



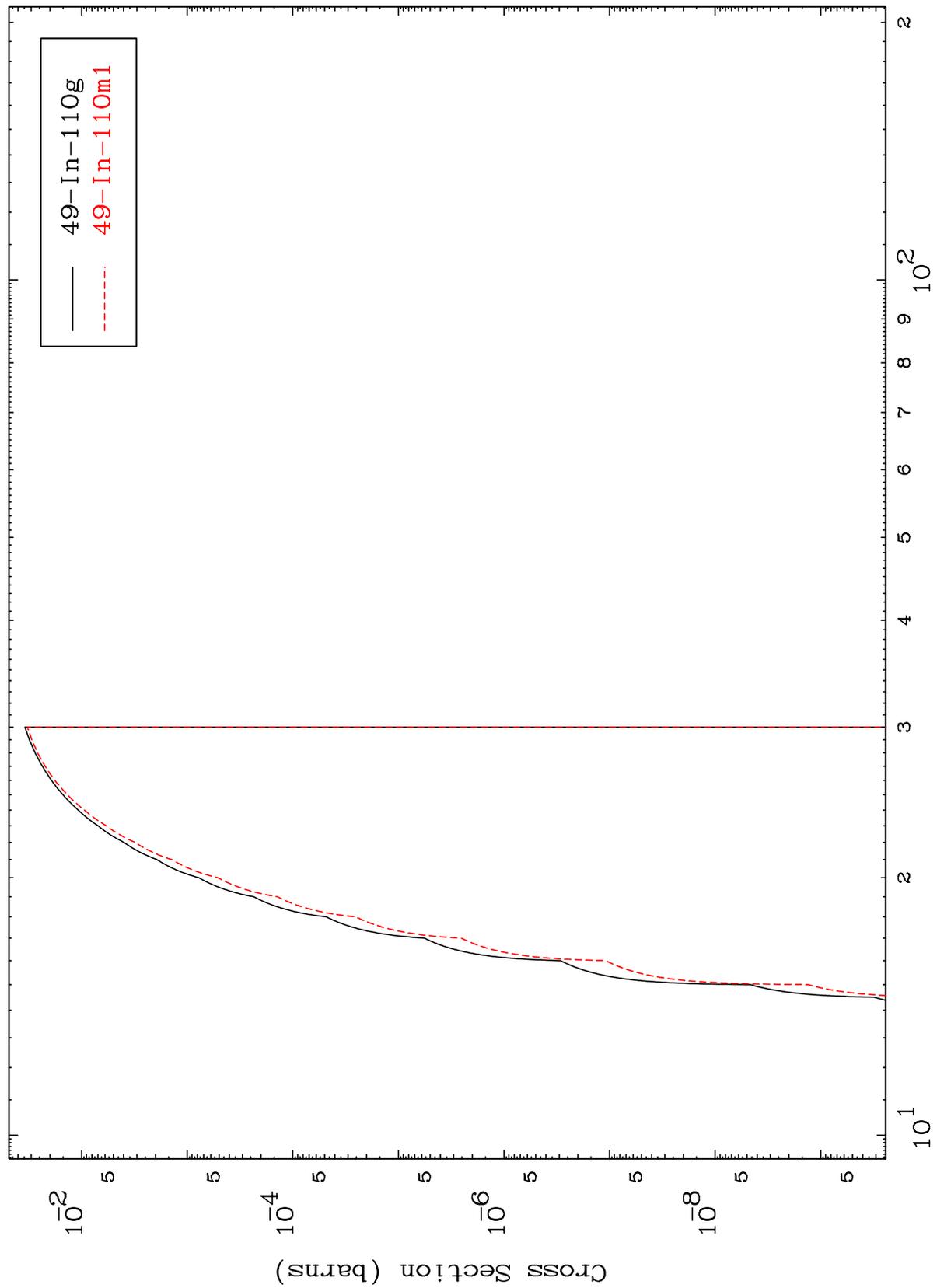
51-Sb-112

MAT 5098

(n,2n) p

51-Sb-112

Radionuclide Production Cross Section



81

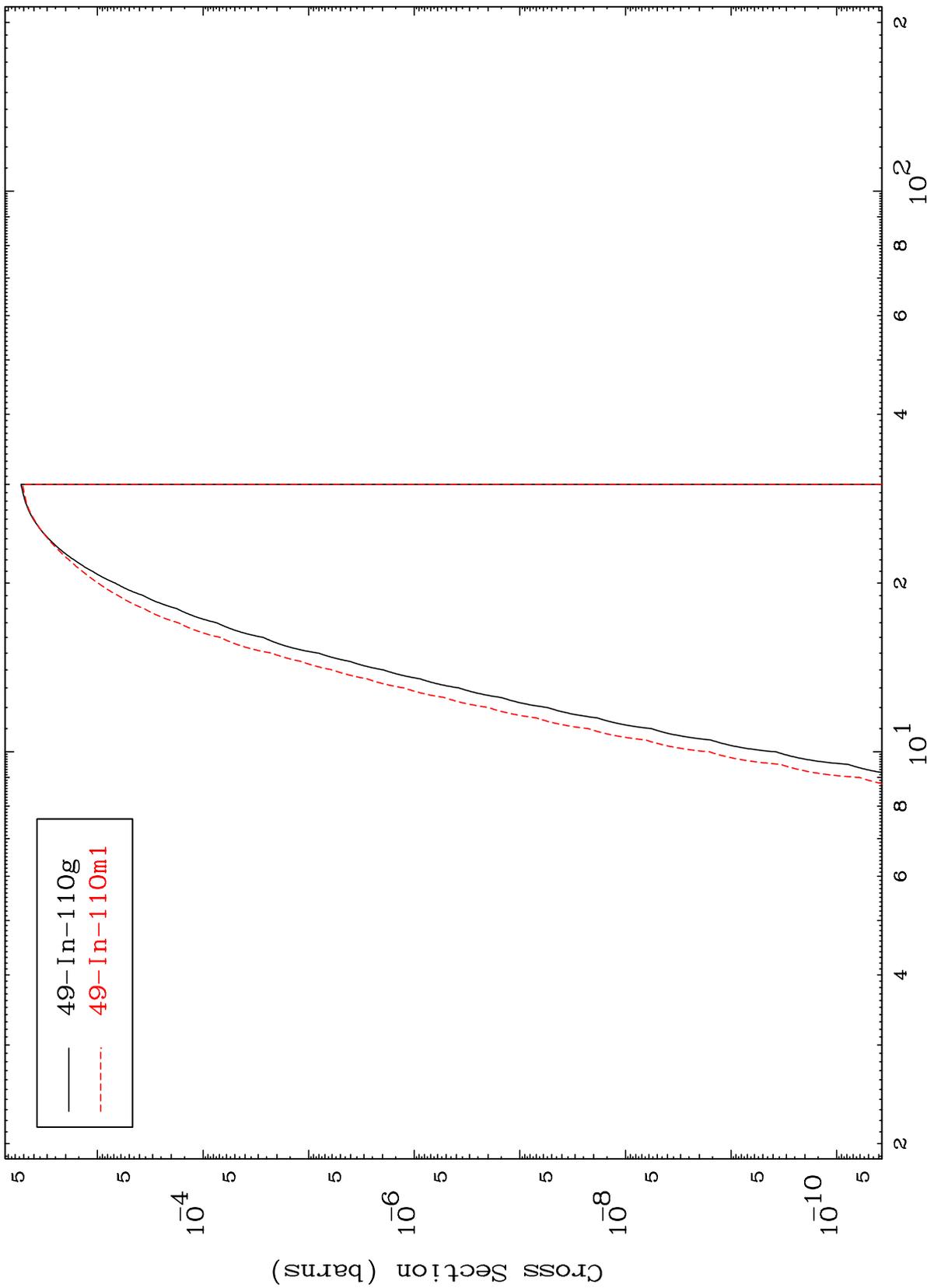
Incident Energy (MeV)

51-Sb-112

MAT 5098

51-Sb-112

(n,He-3)
Radionuclide Production Cross Section

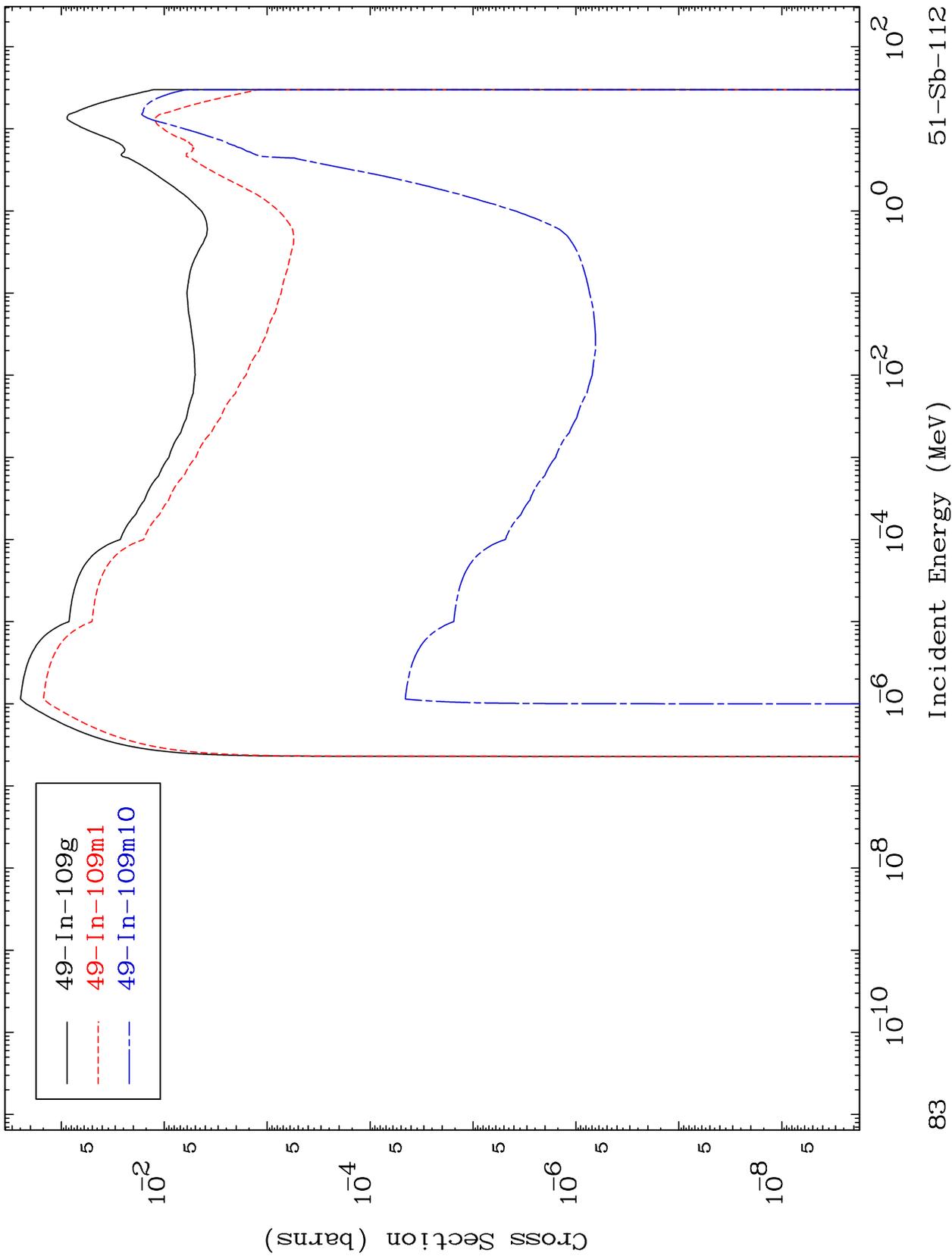


82

51-Sb-112

Incident Energy (MeV)

Radionuclide Production Cross Section
(n, α)



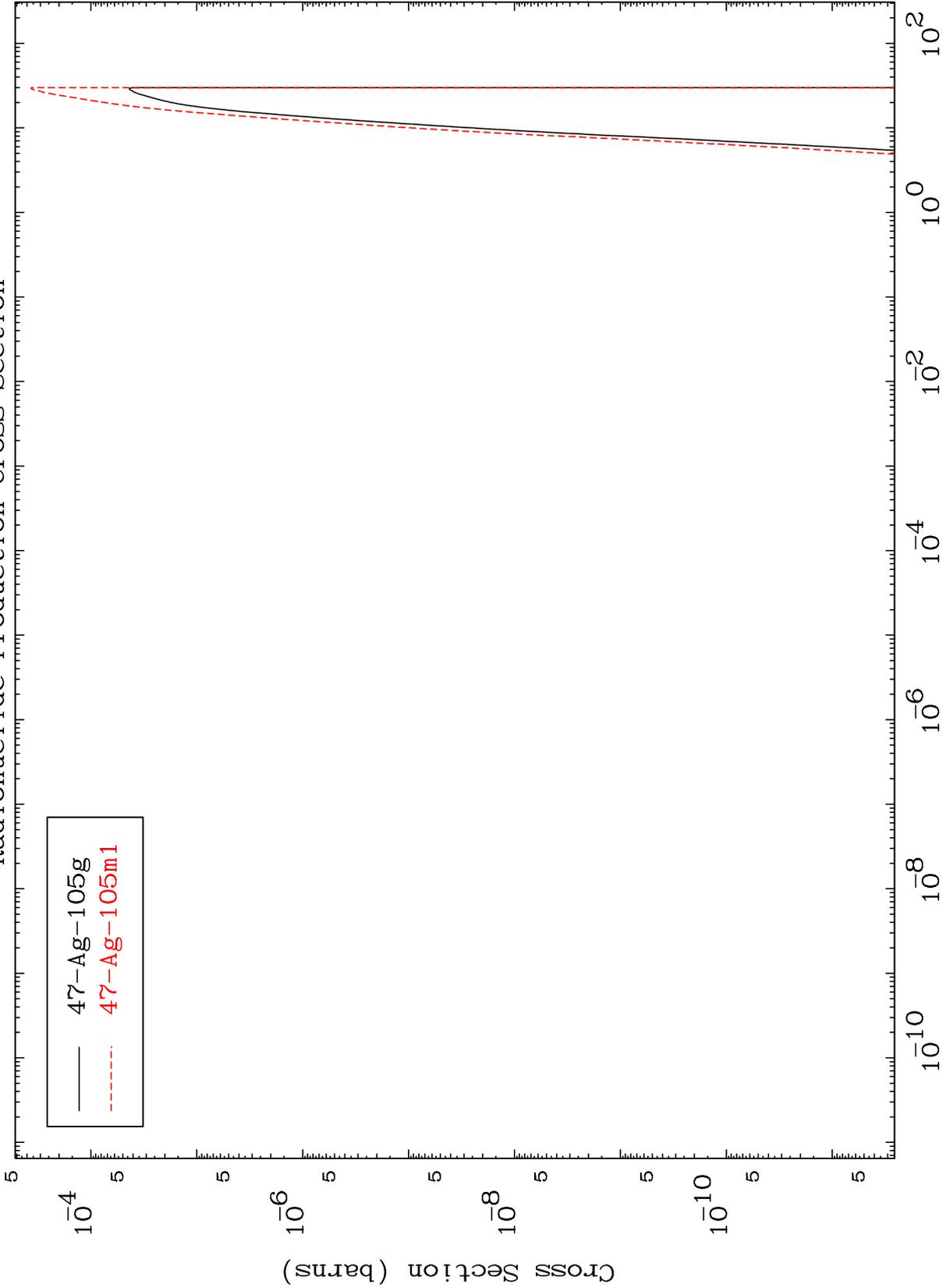
49-In-109g
49-In-109m1
49-In-109m10

MAT 5098

(n,2α)

51-Sb-112

Radionuclide Production Cross Section

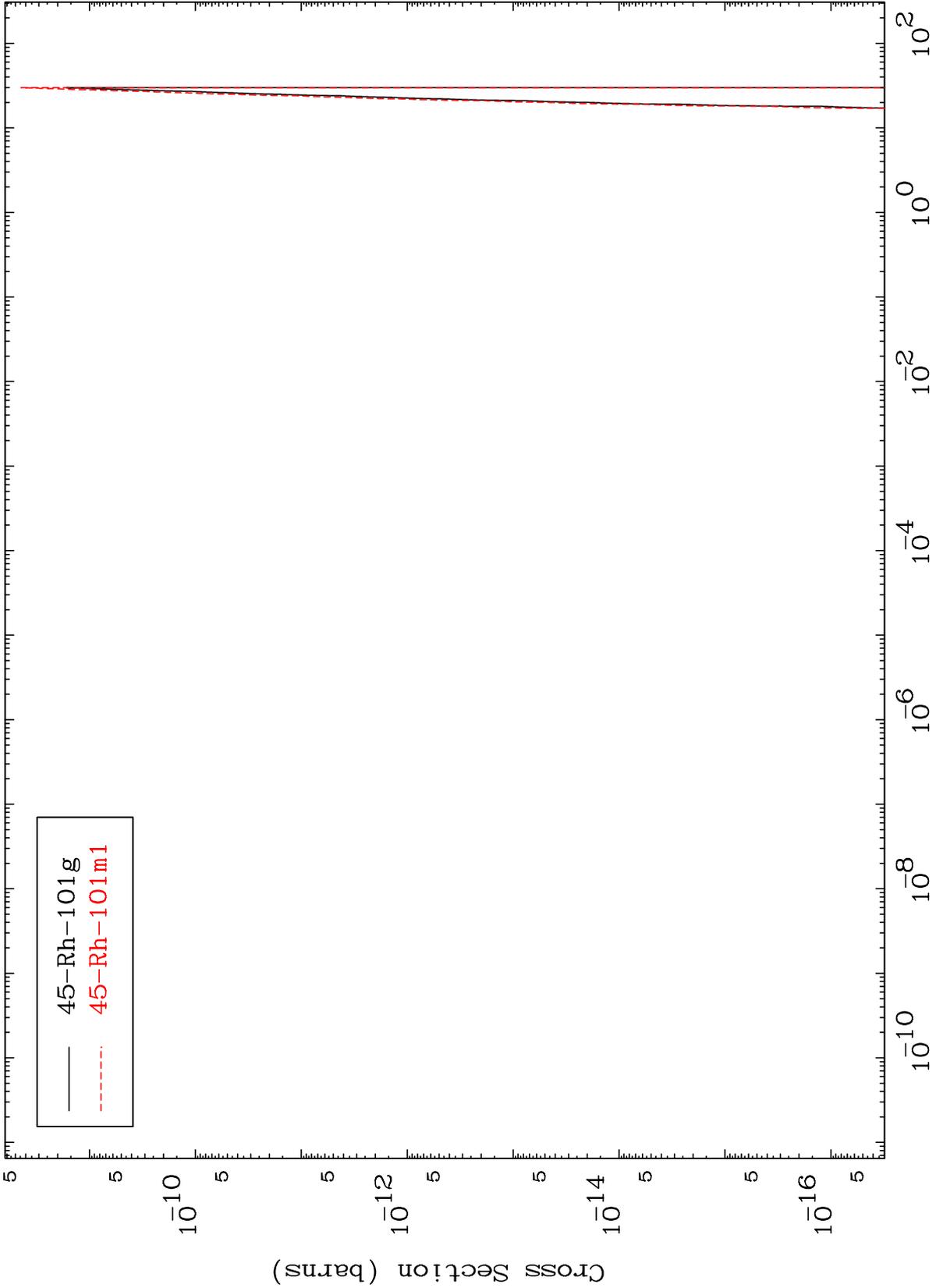


MAT 5098

(n,3α)

51-Sb-112

Radionuclide Production Cross Section

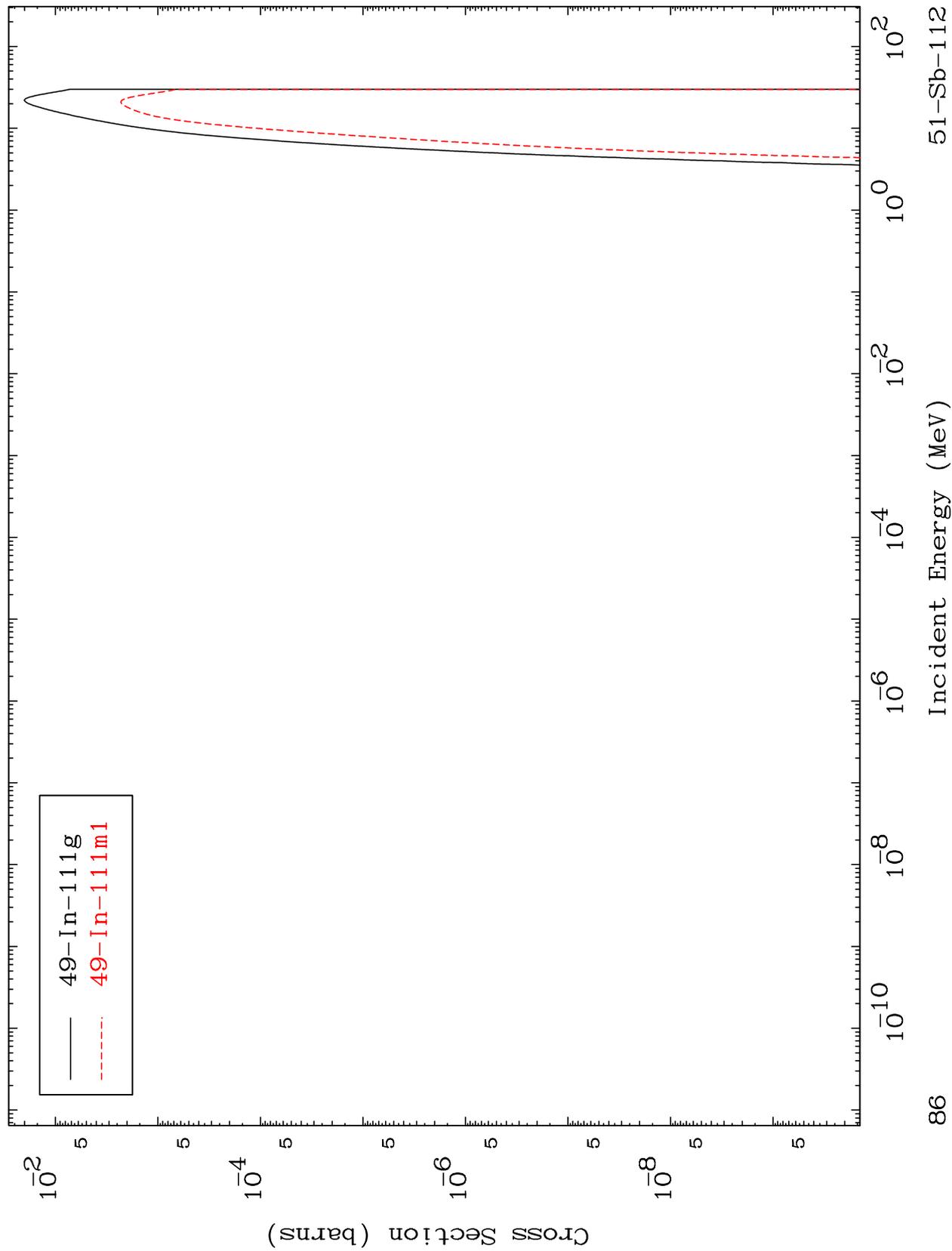


45-Rh-101g
45-Rh-101m1

MAT 5098

51-Sb-112

(n,2p)
Radionuclide Production Cross Section

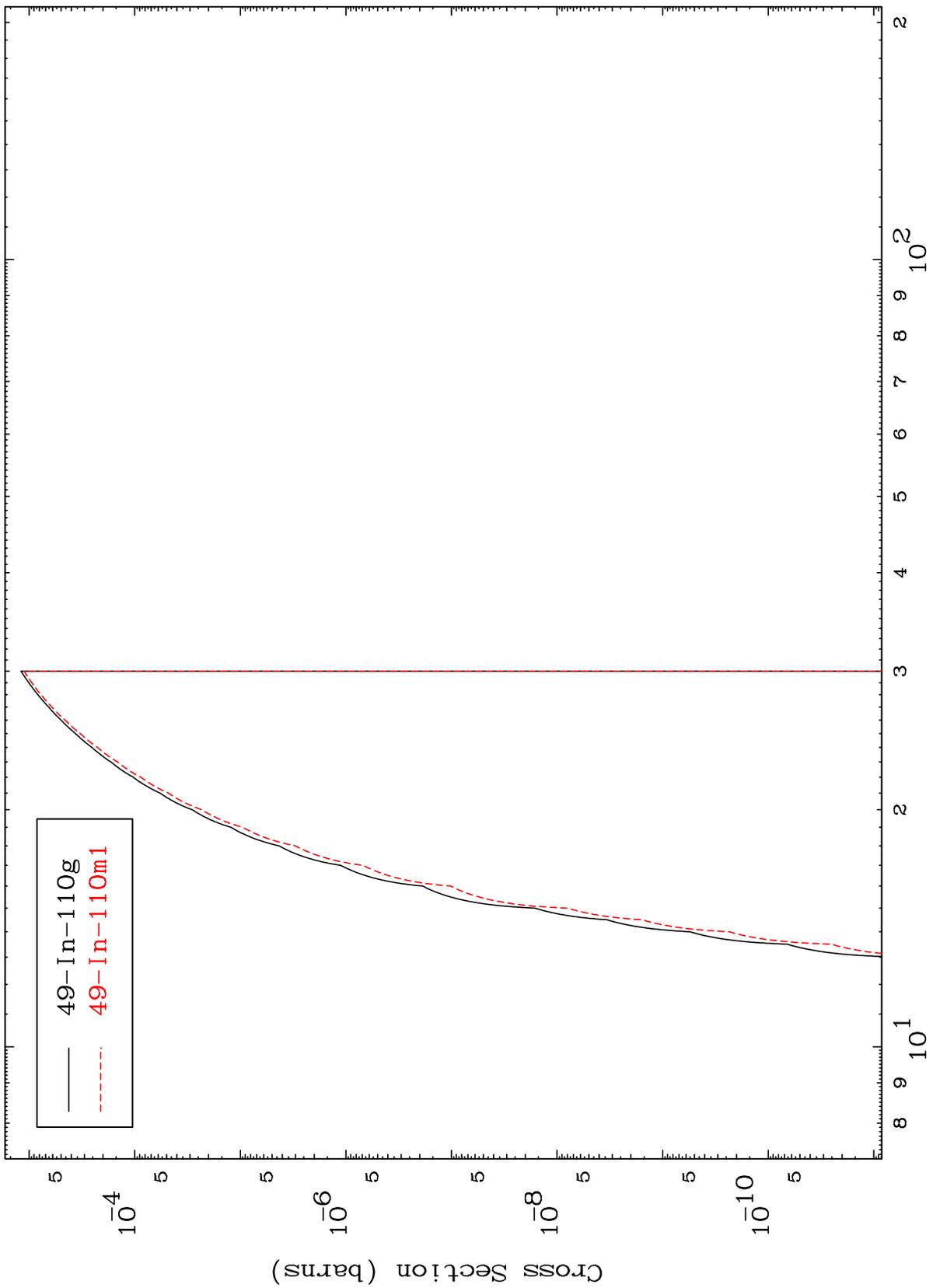


MAT 5098

(n,p) d

51-Sb-112

Radionuclide Production Cross Section



87

Incident Energy (MeV)

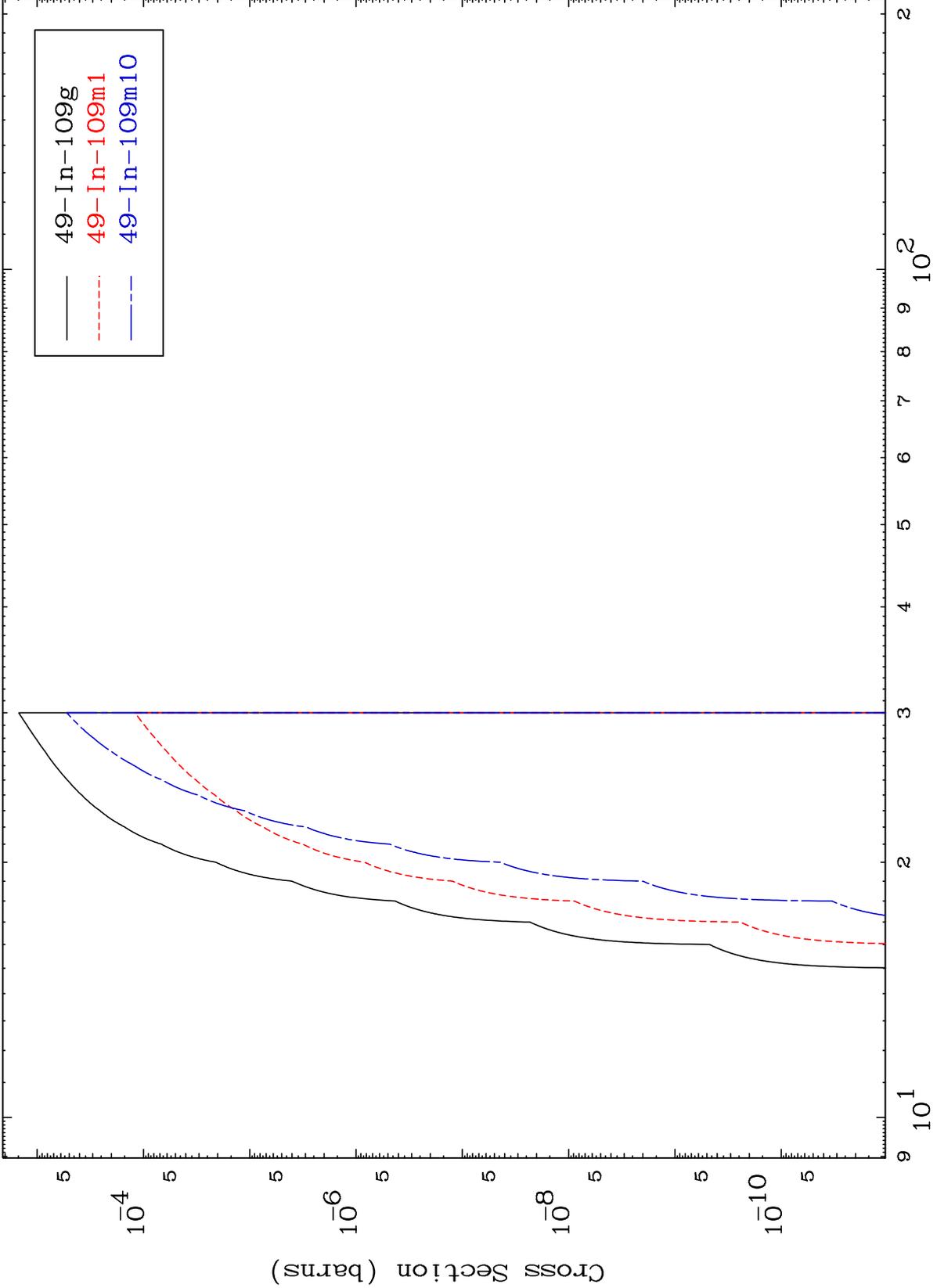
51-Sb-112

MAT 5098

(n,p) t

51-Sb-112

Radionuclide Production Cross Section



88

Incident Energy (MeV)

51-Sb-112