

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

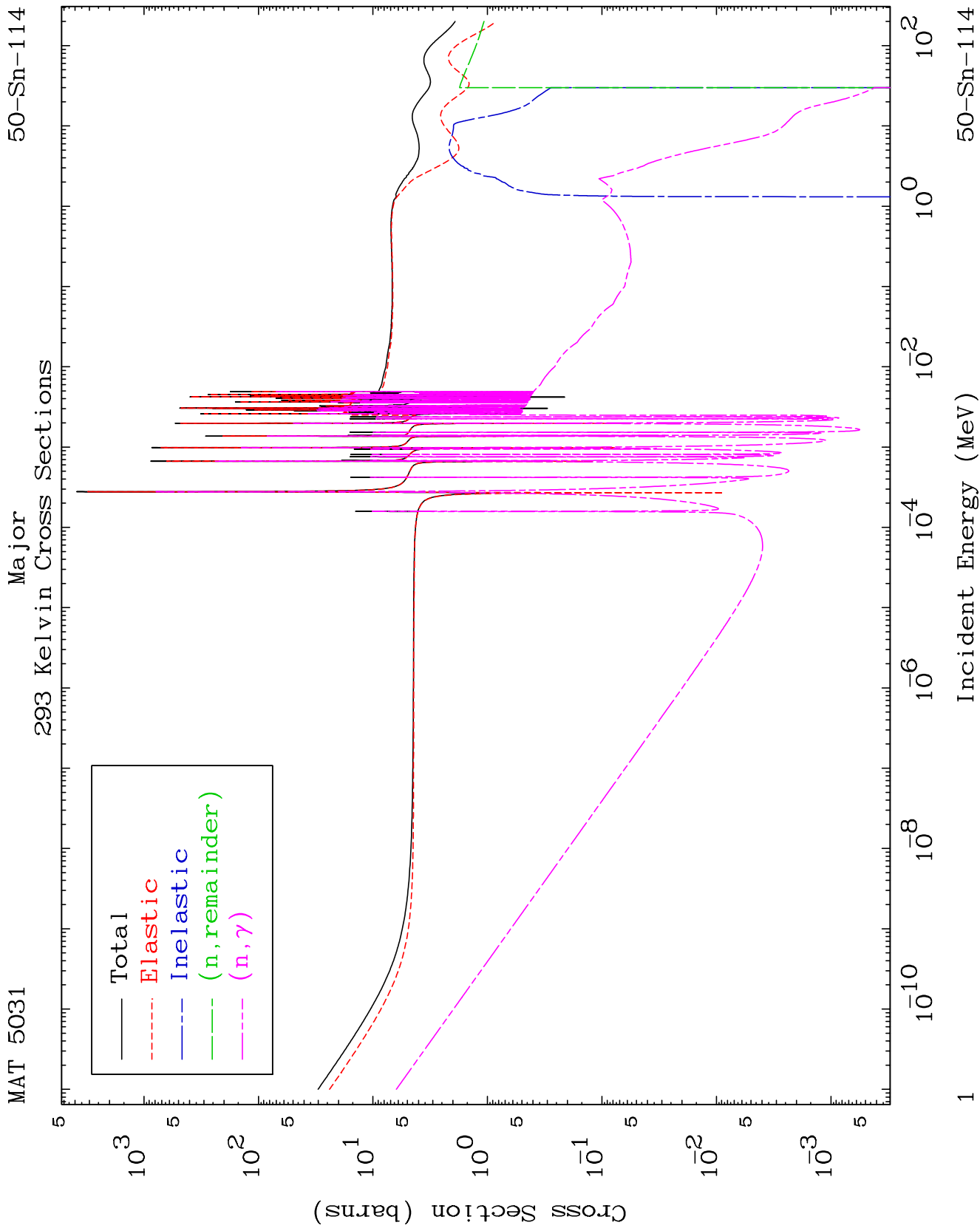
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

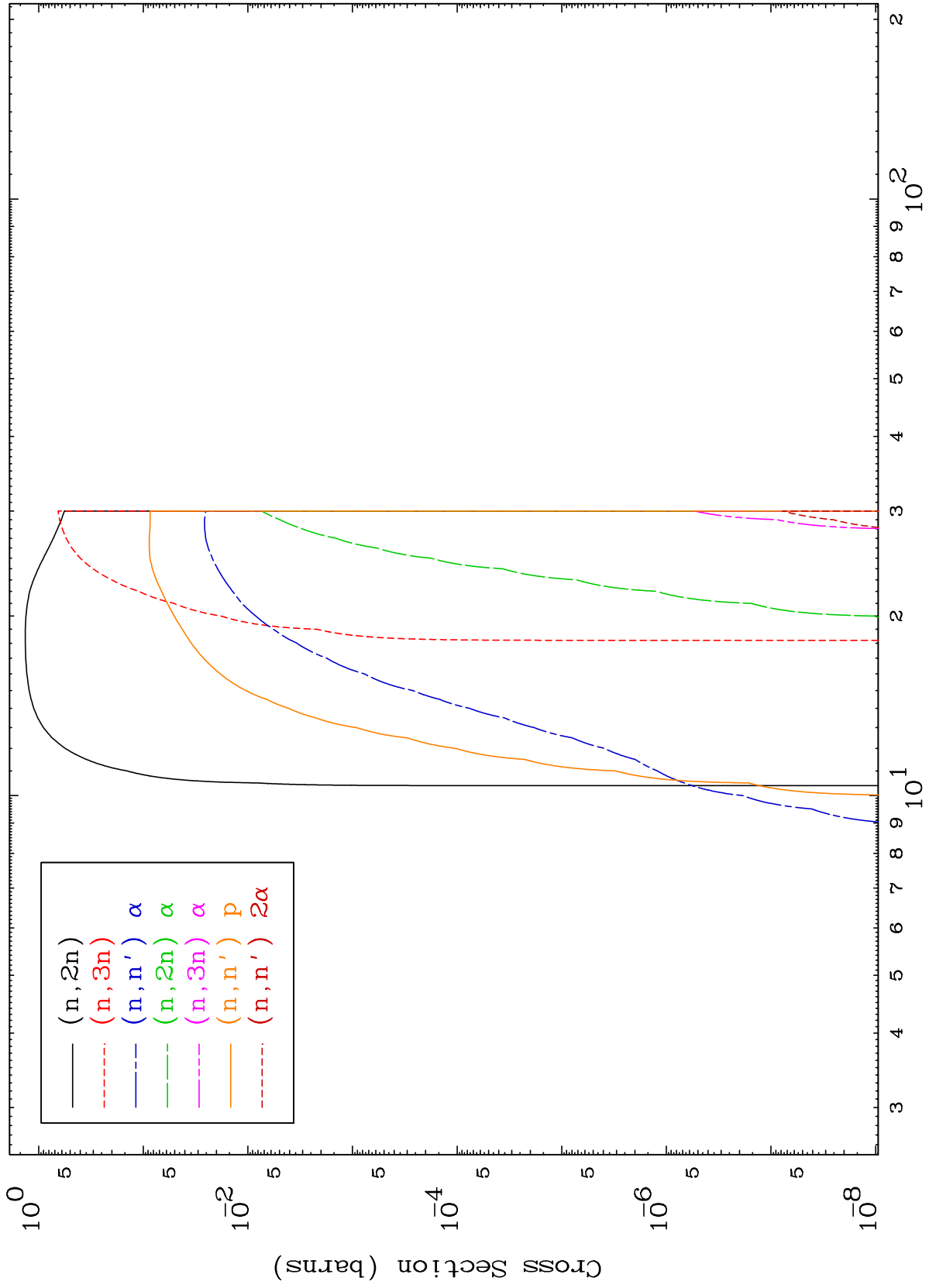
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

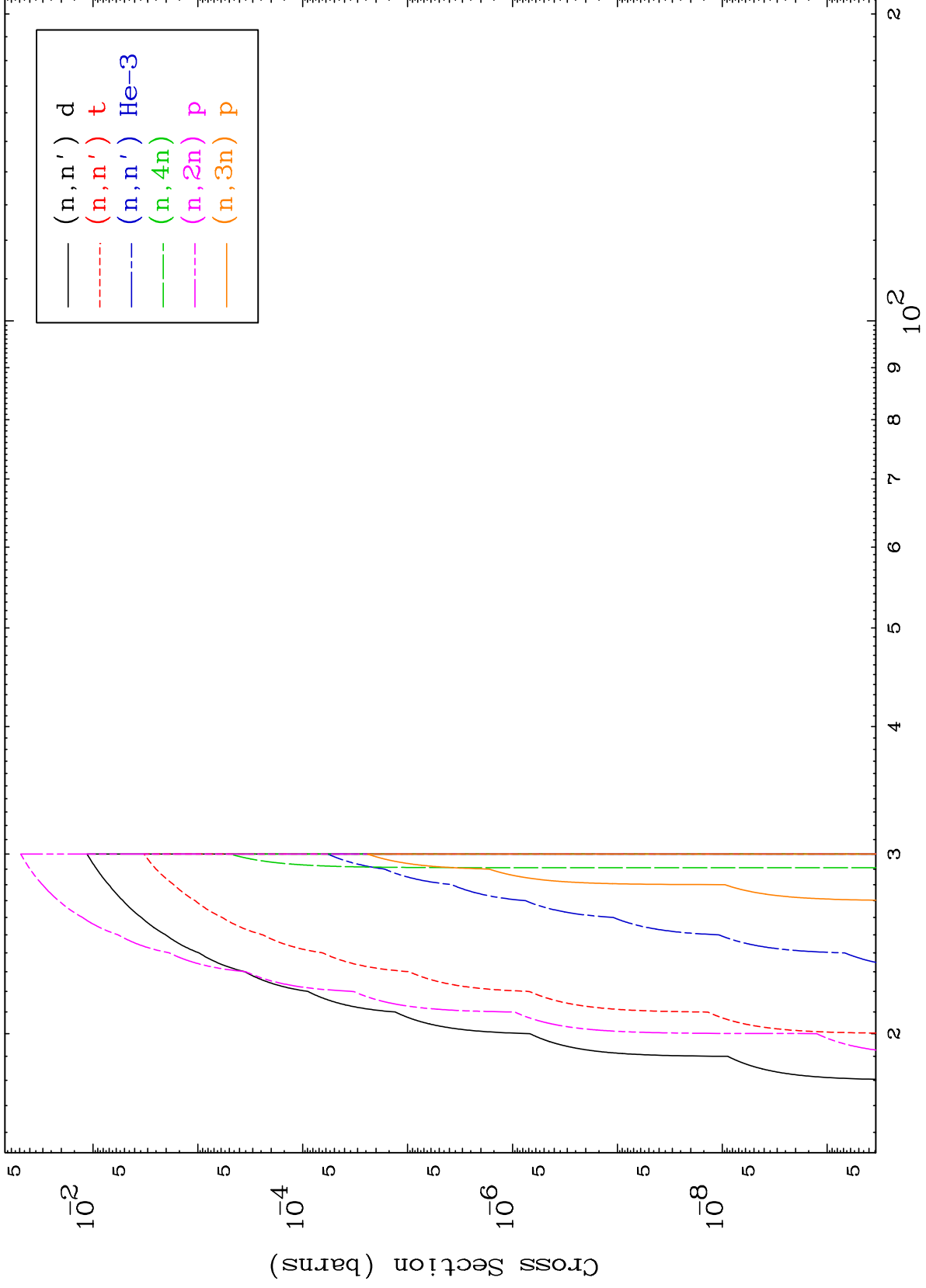




MAT 5031

Neutron Production
293 Kelvin Cross Sections

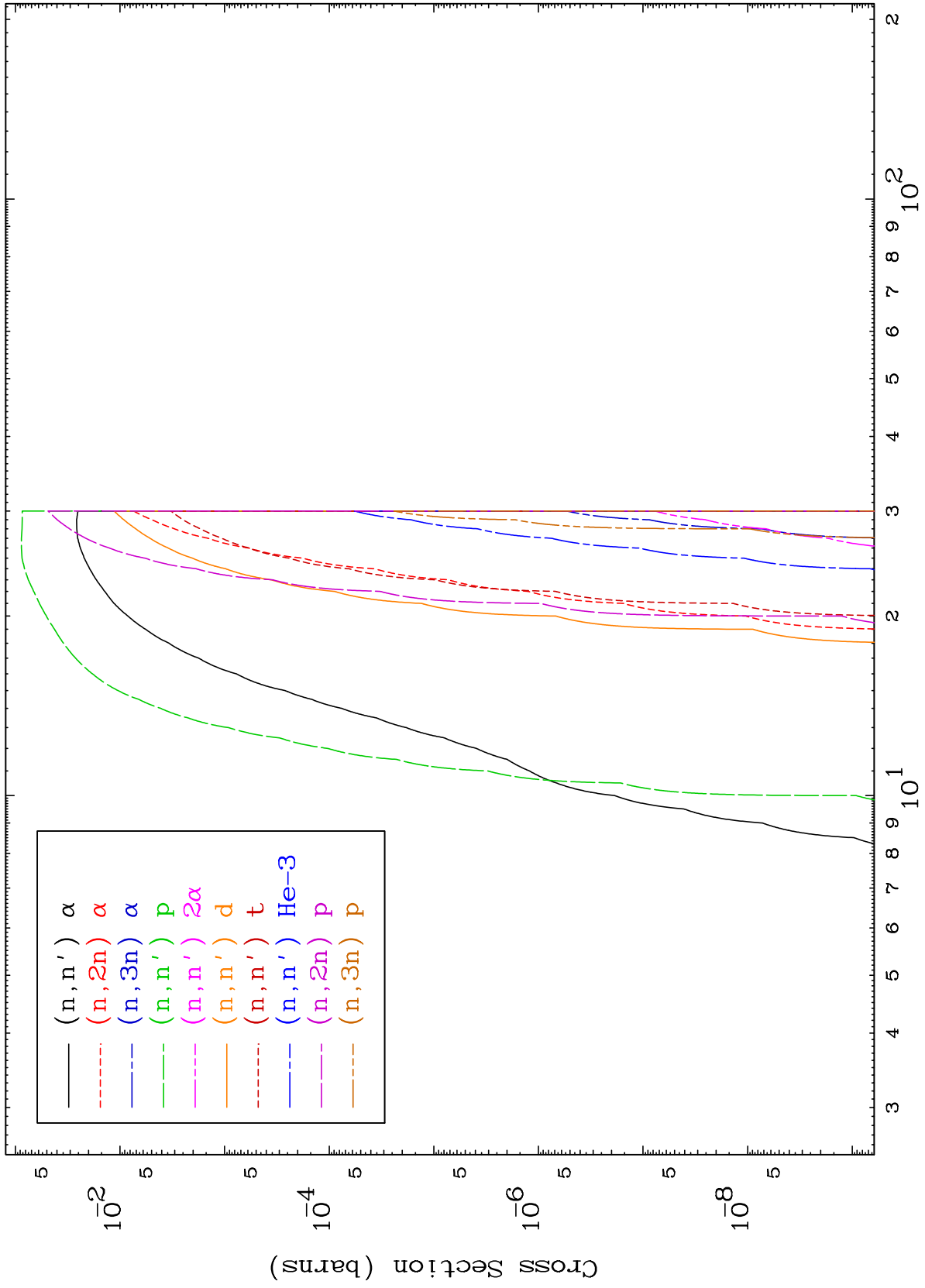
50-Sn-114



3

Incident Energy (MeV)

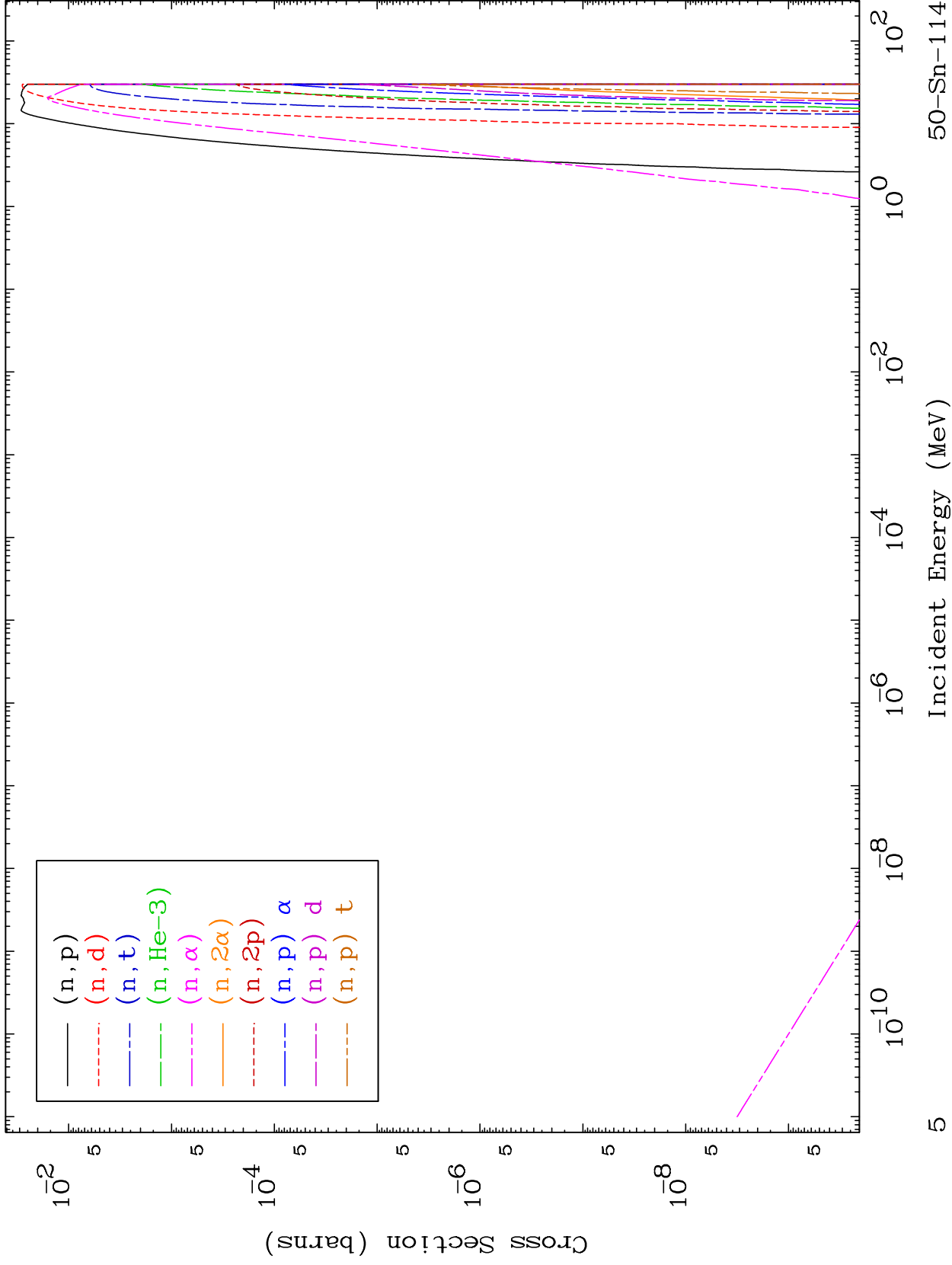
50-Sn-114



MAT 5031

Charged Particle
293 Kelvin Cross Sections

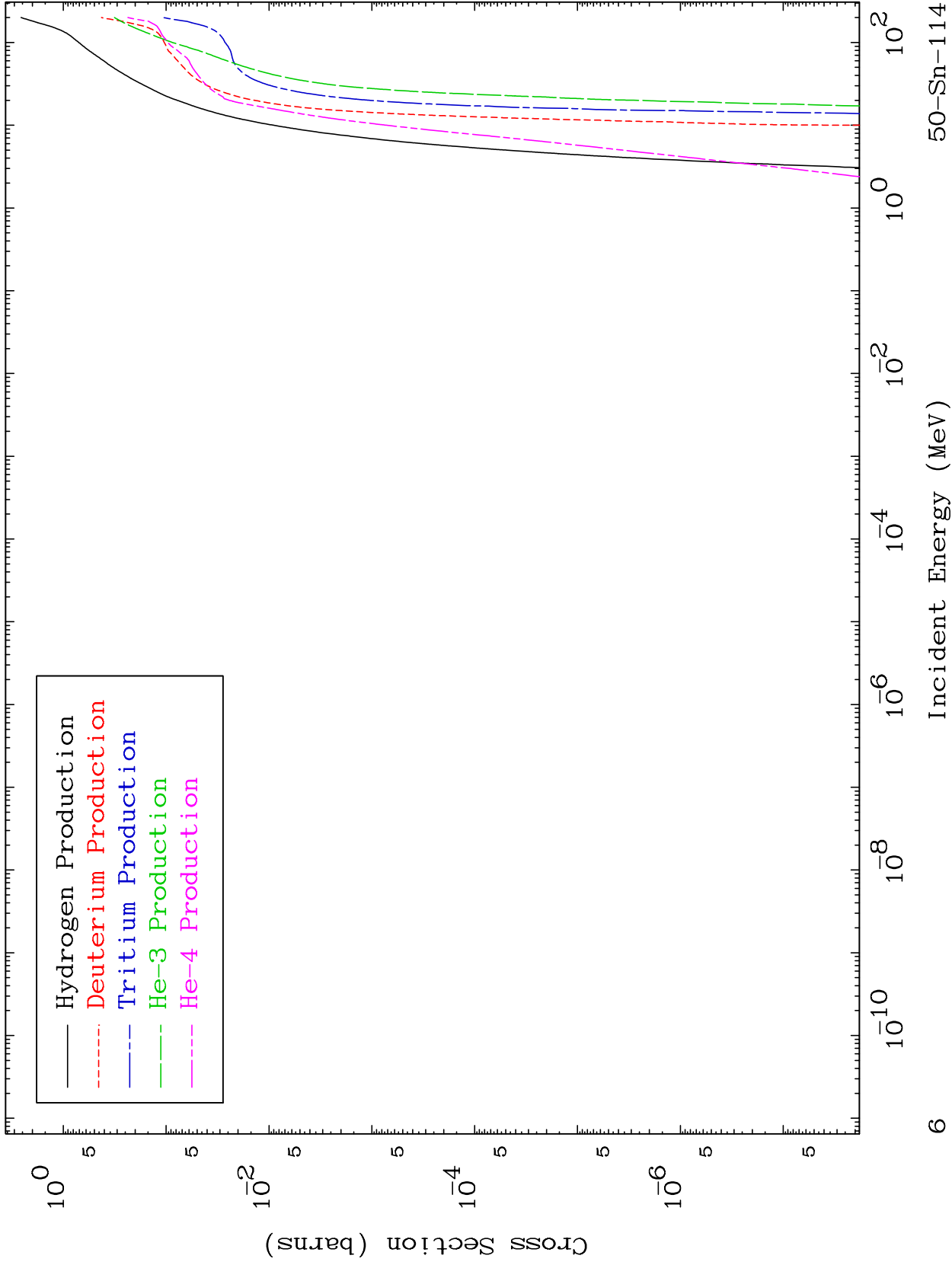
50-Sn-114



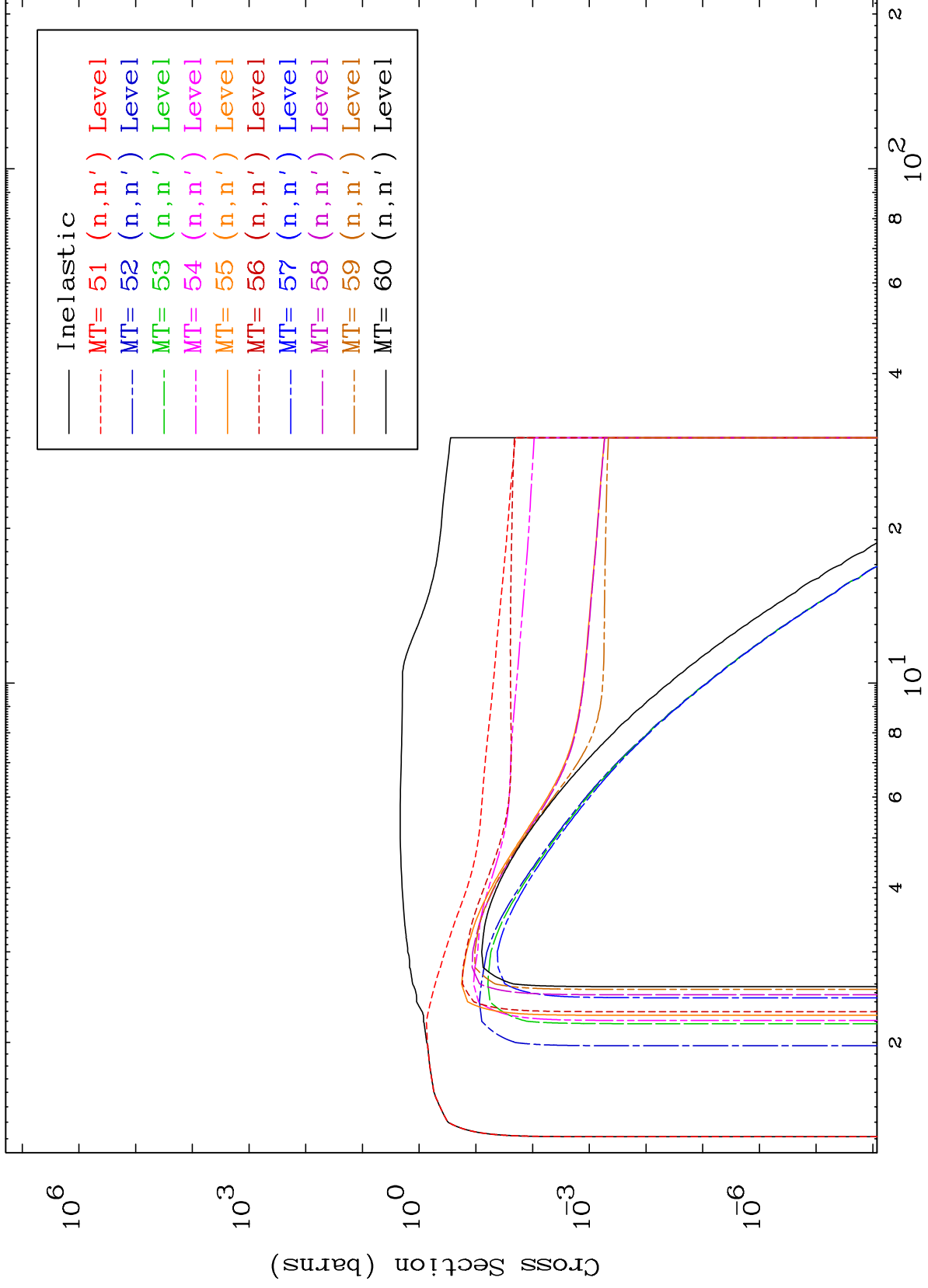
MAT 5031

Particle Production
293 Kelvin Cross Sections

50-Sn-114



293 Kelvin Cross Sections

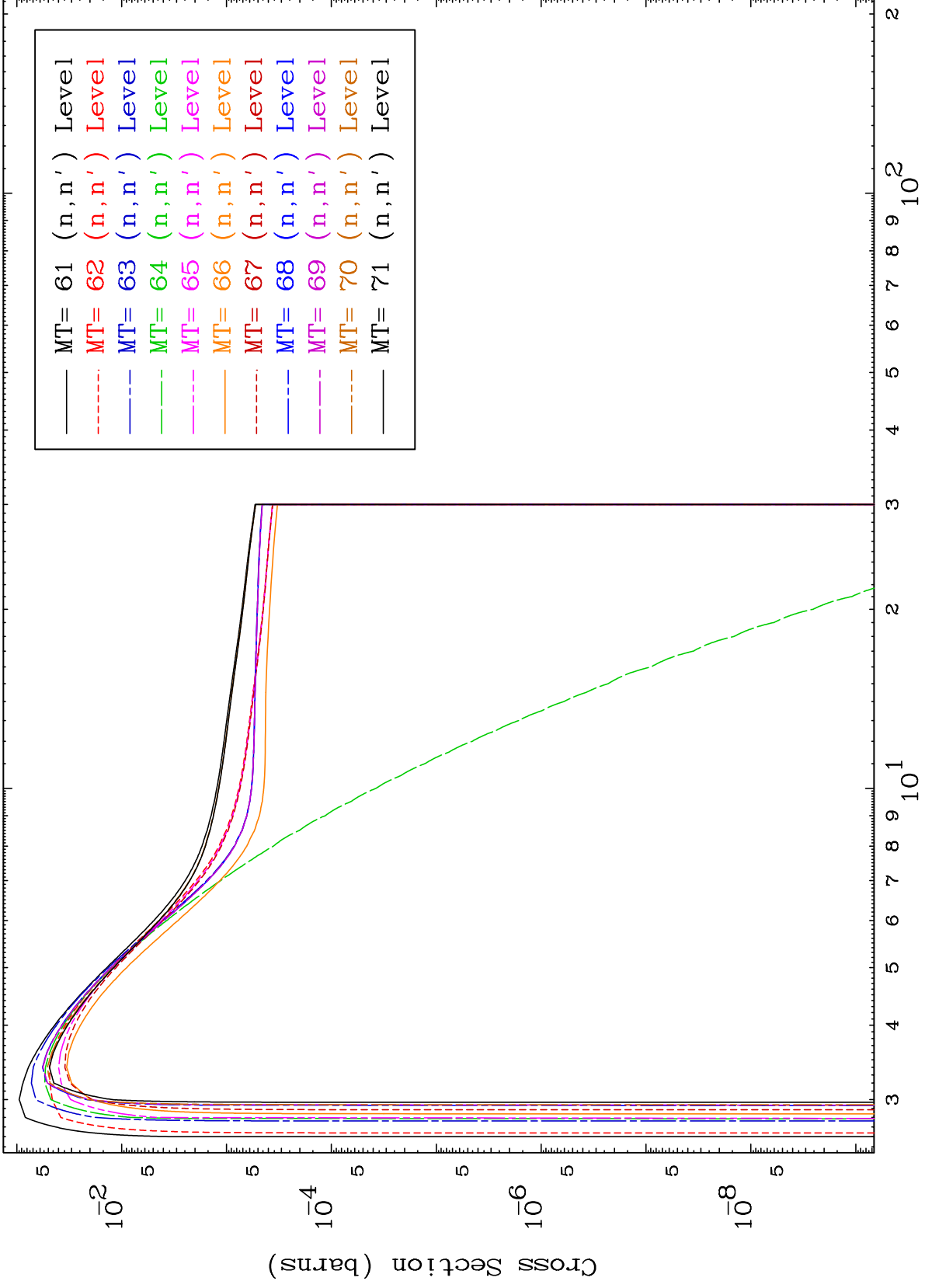


MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



8

Incident Energy (MeV)

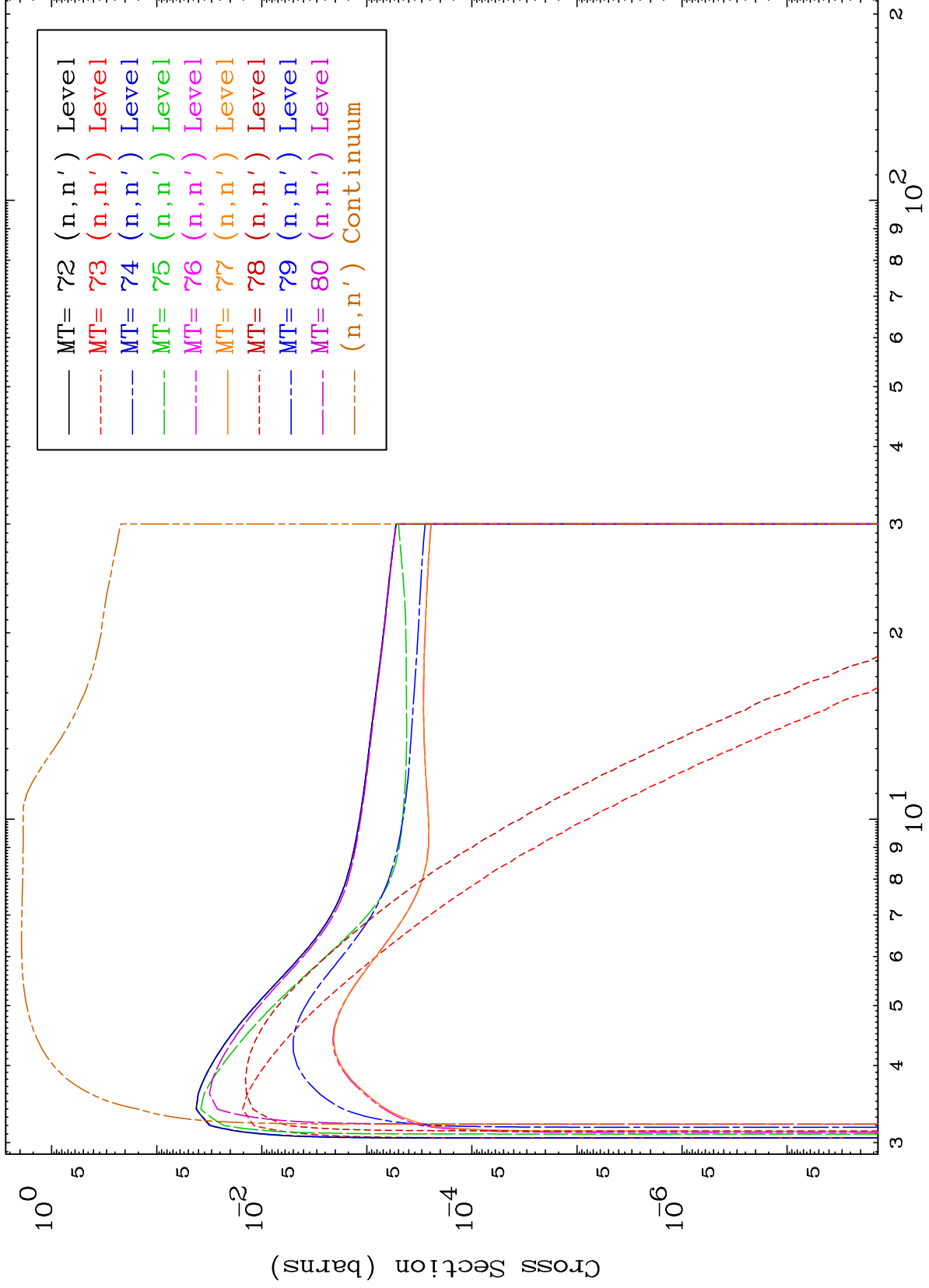
50-Sn-114

MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



9

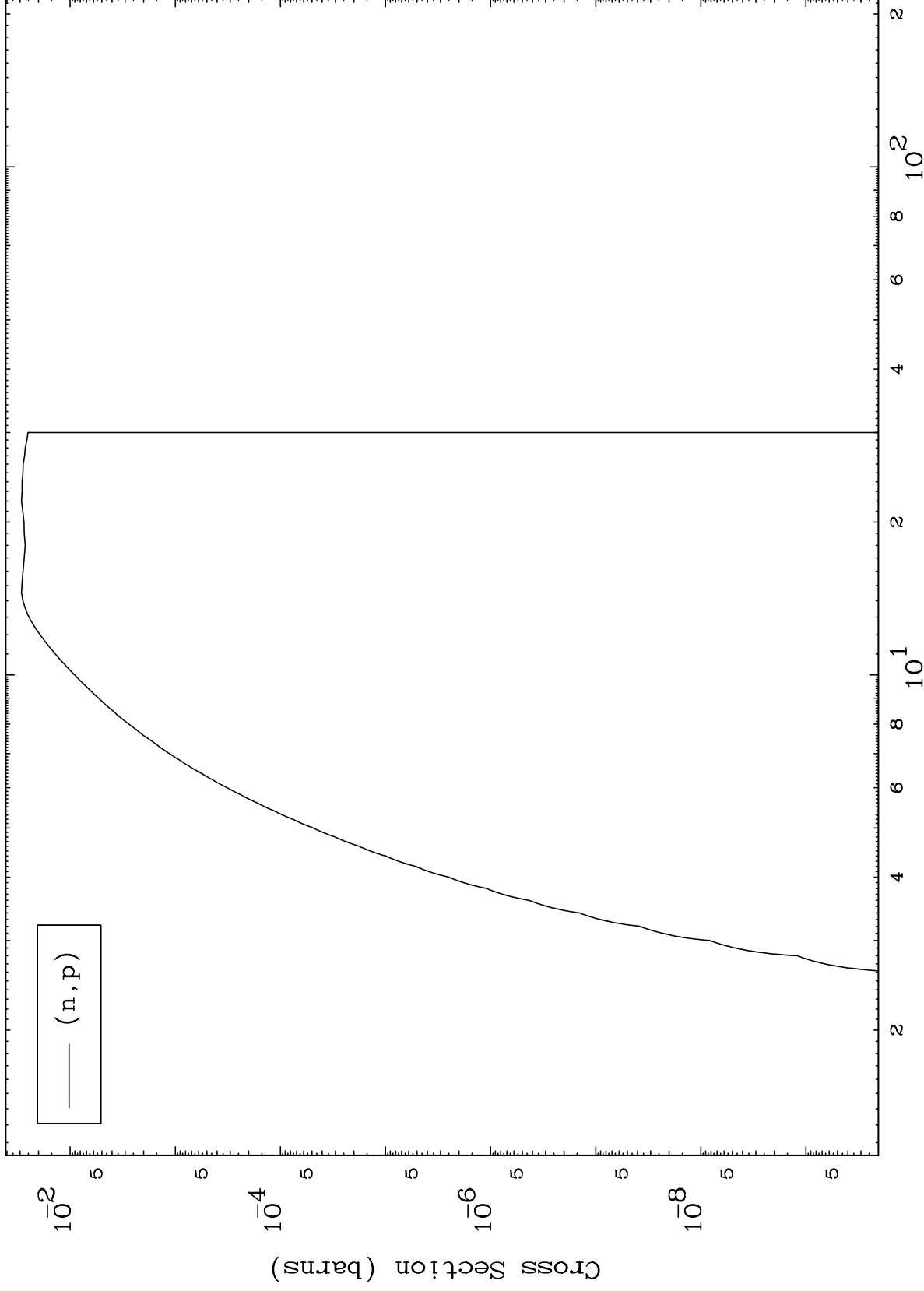
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-114



10

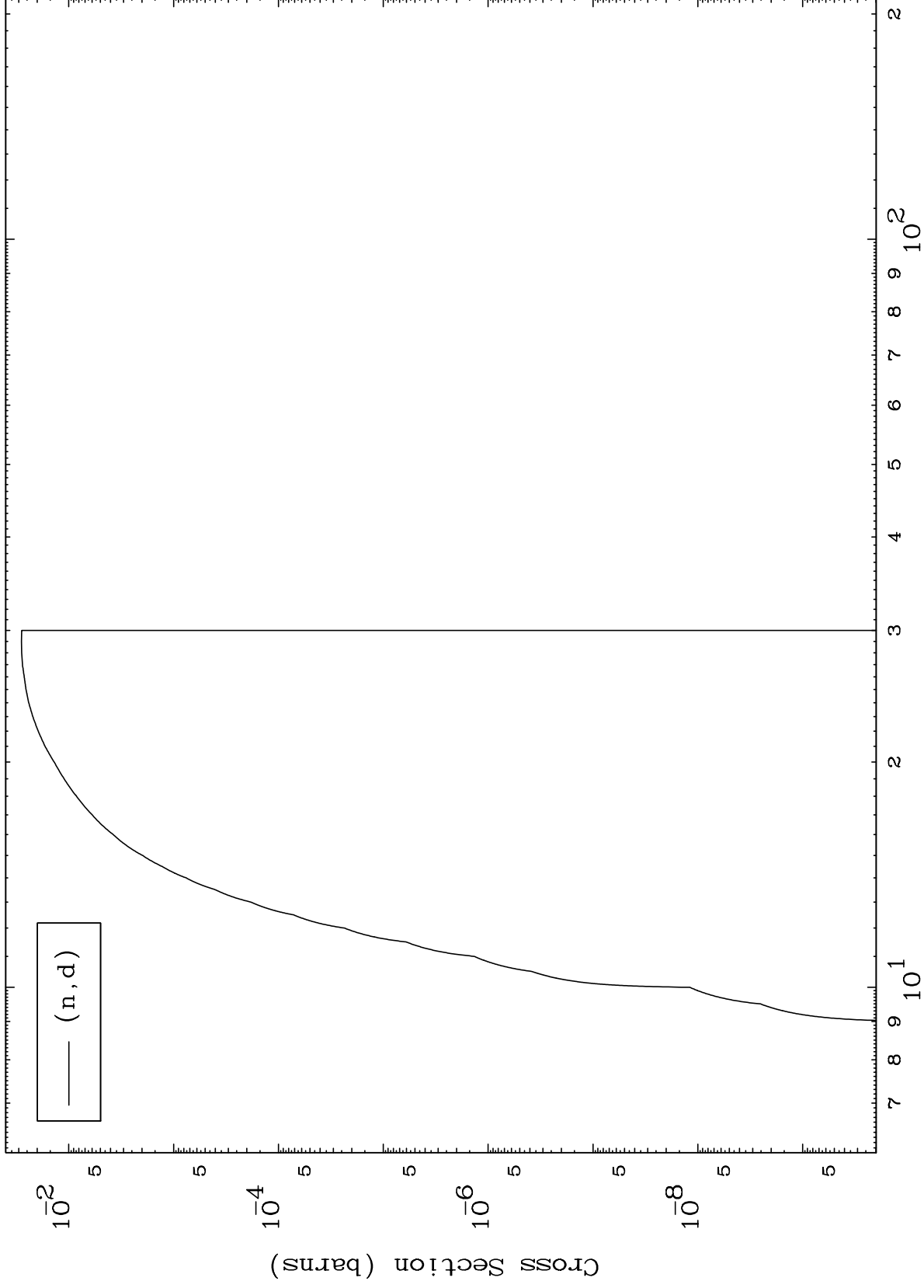
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-114



11

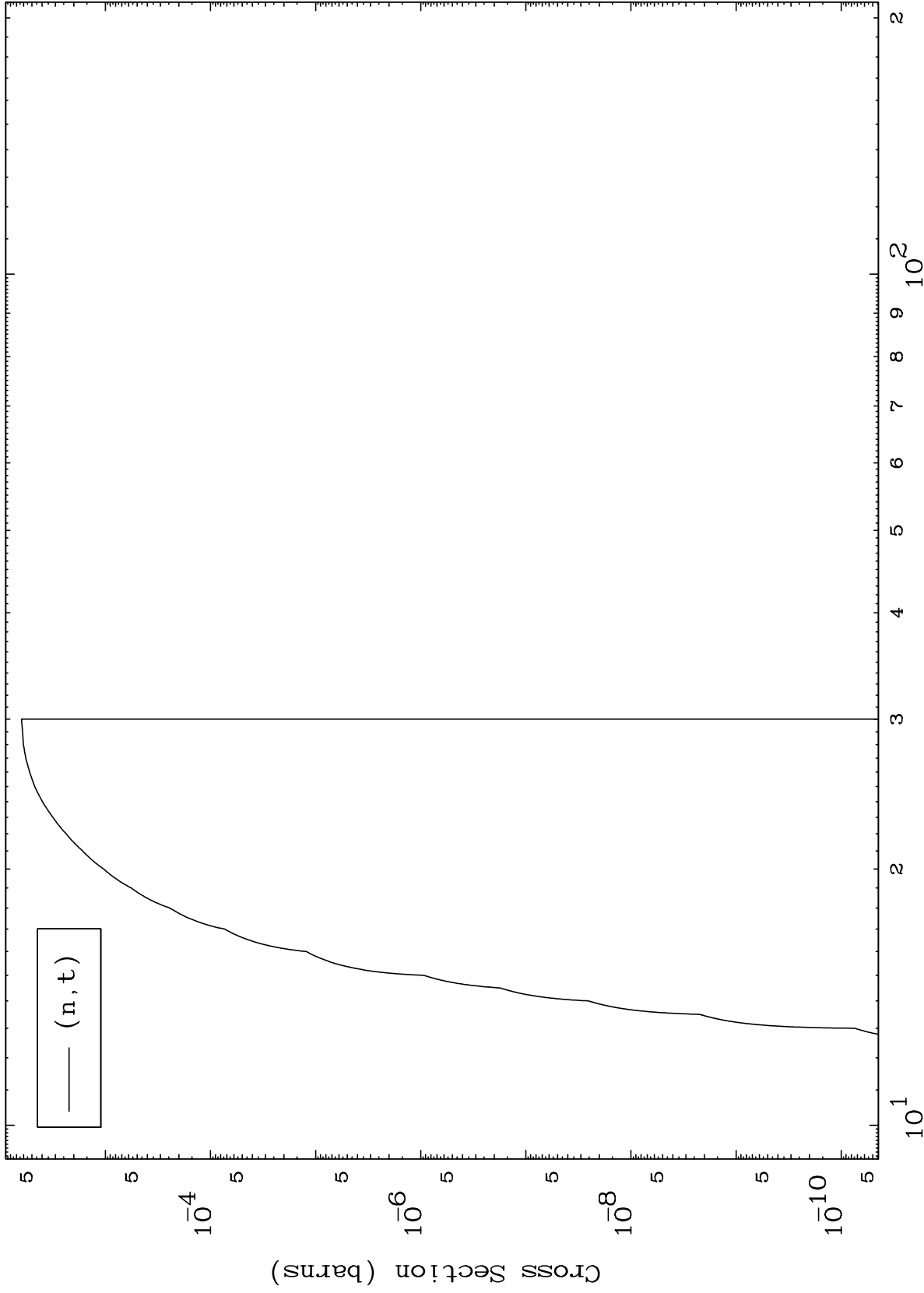
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-114



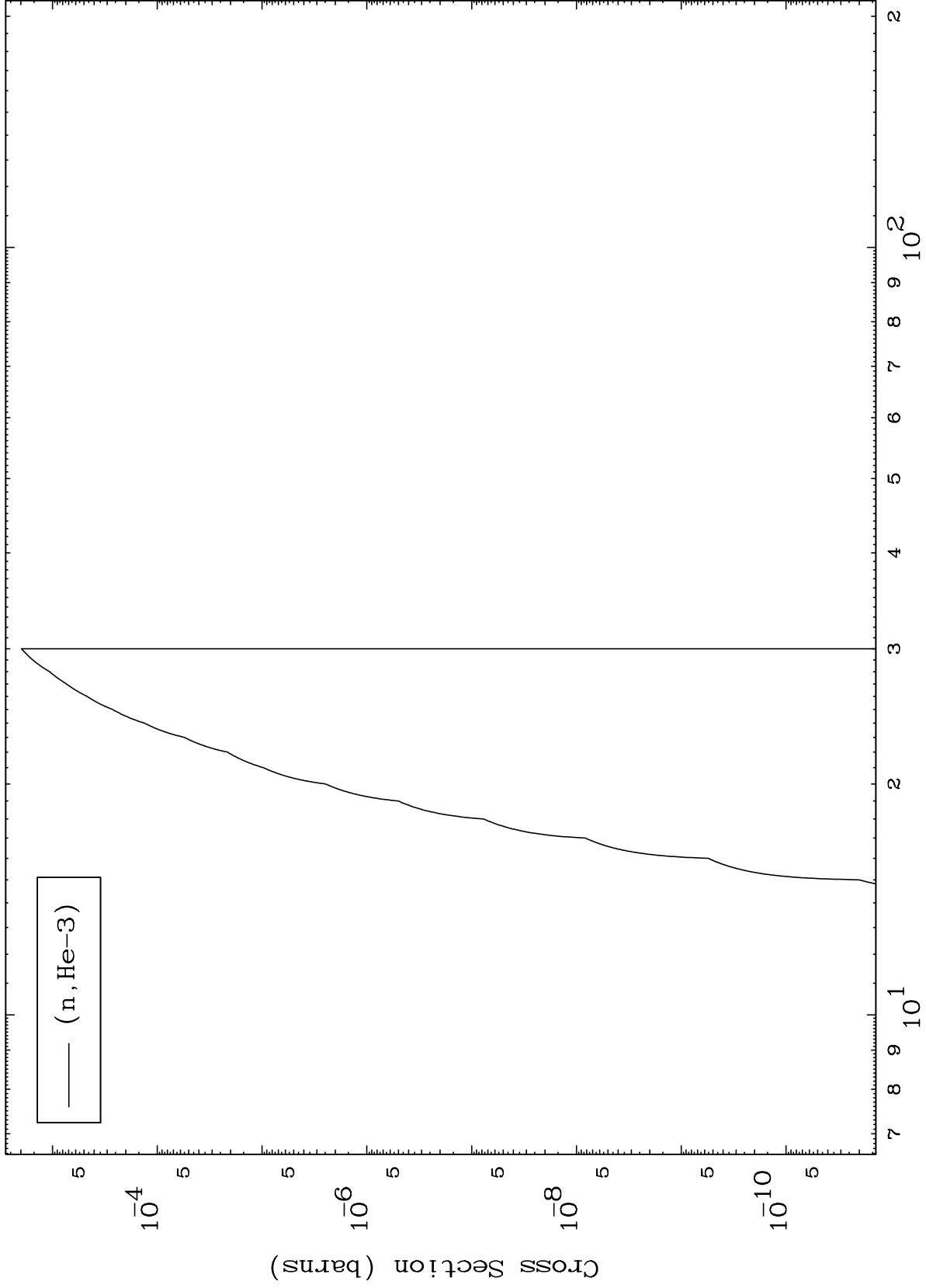
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-114



13

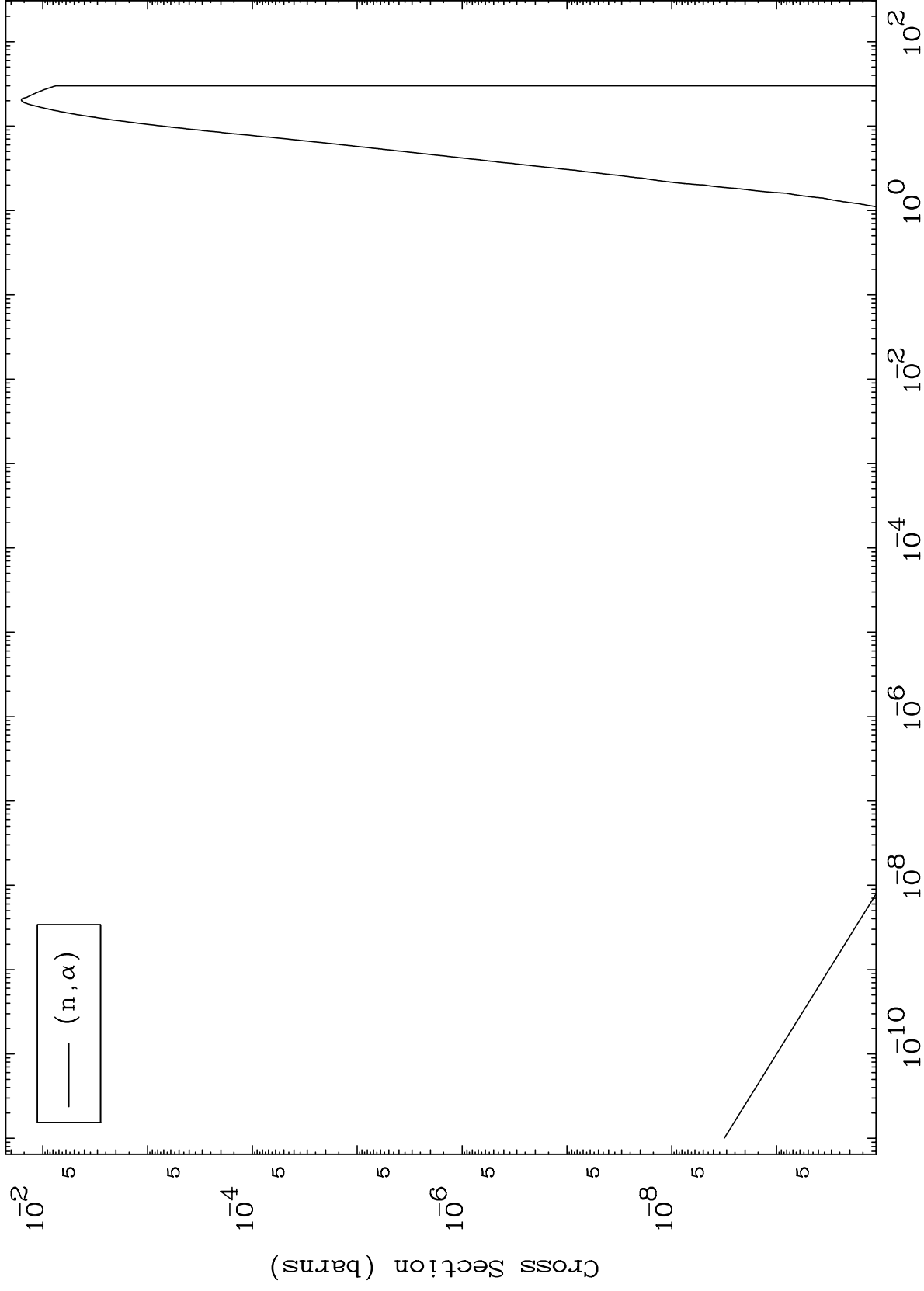
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n, α) Levels
293 Kelvin Cross Sections

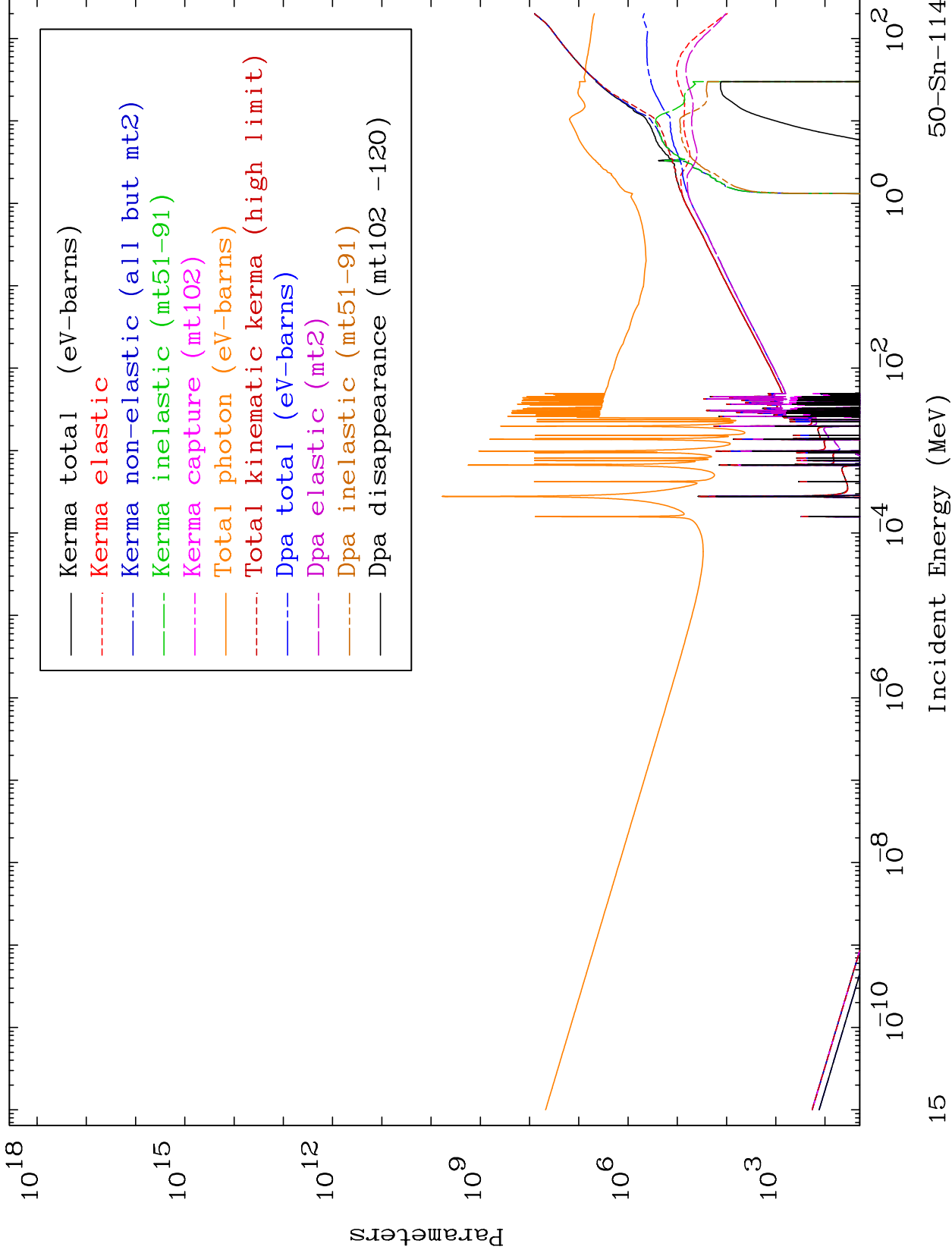
50-Sn-114

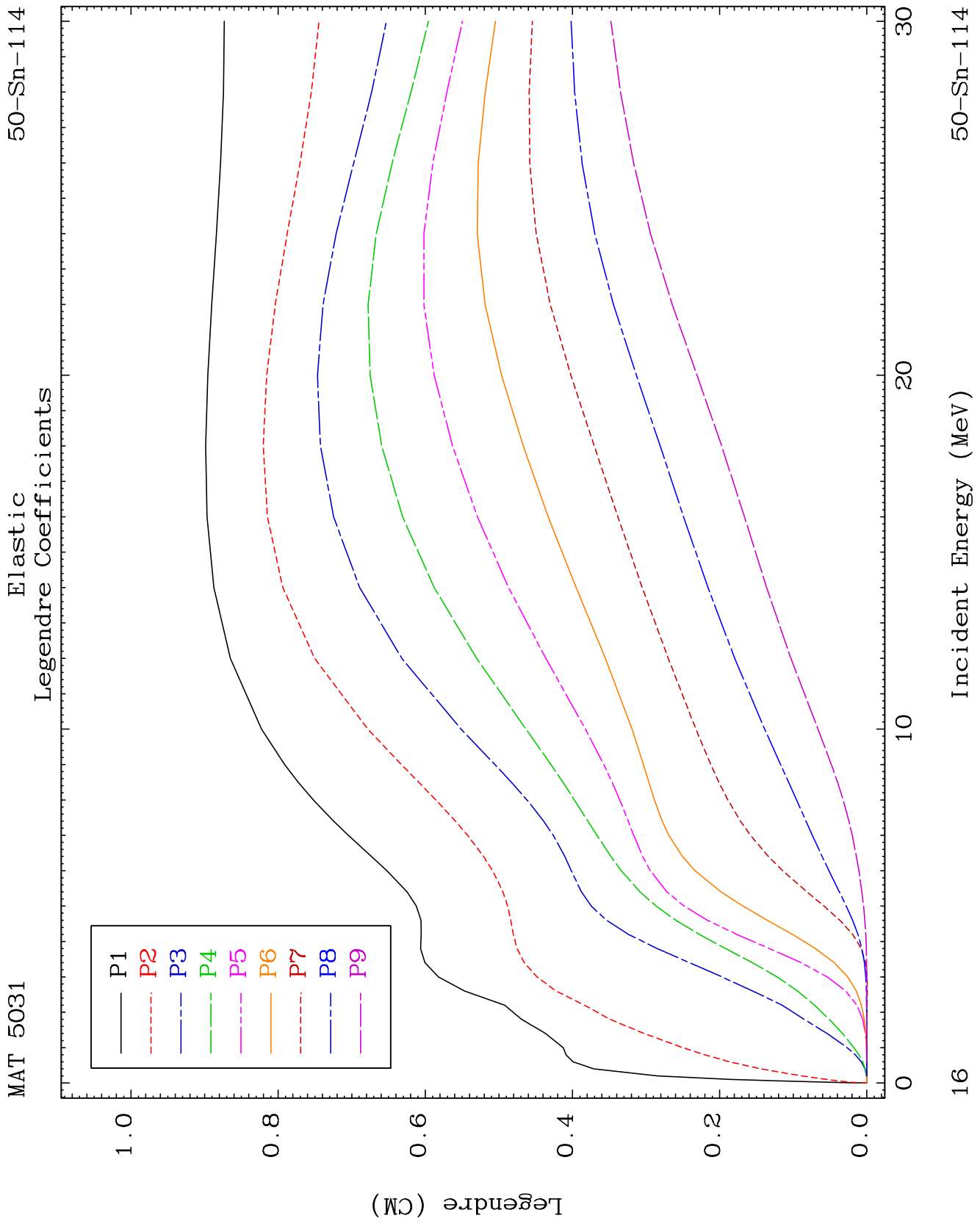


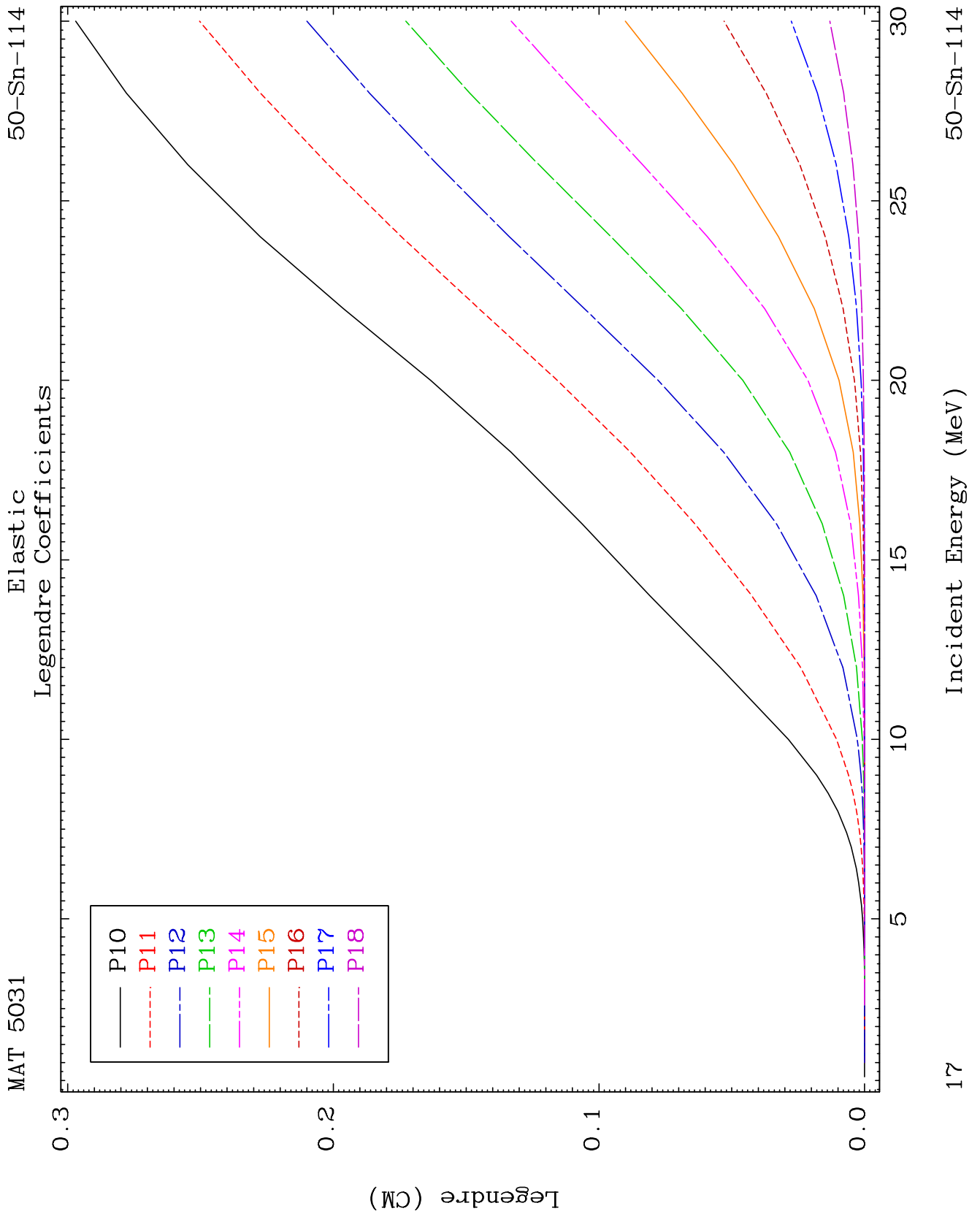
14

Incident Energy (MeV)

50-Sn-114



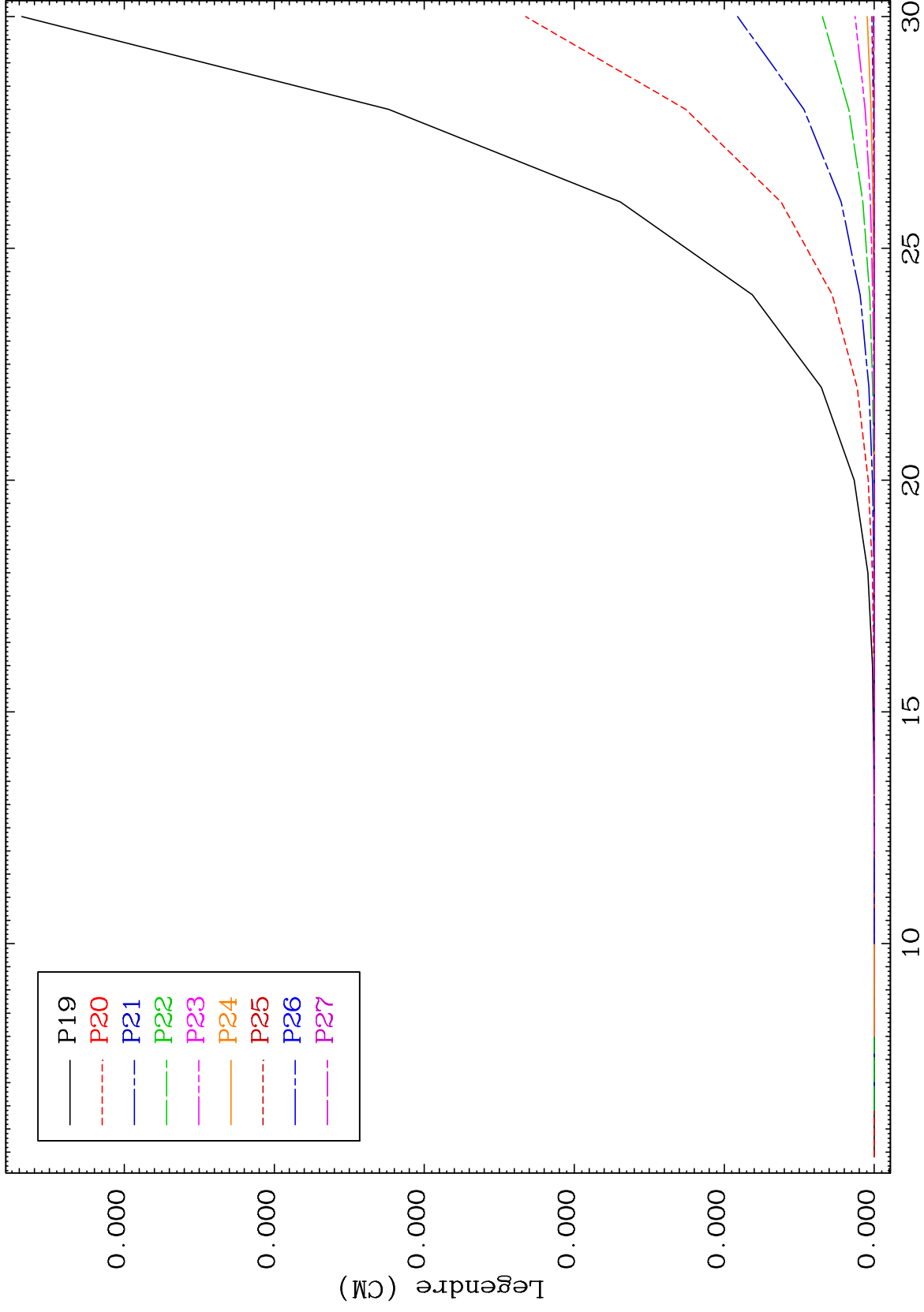




MAT 5031

Elastic
Legendre Coefficients

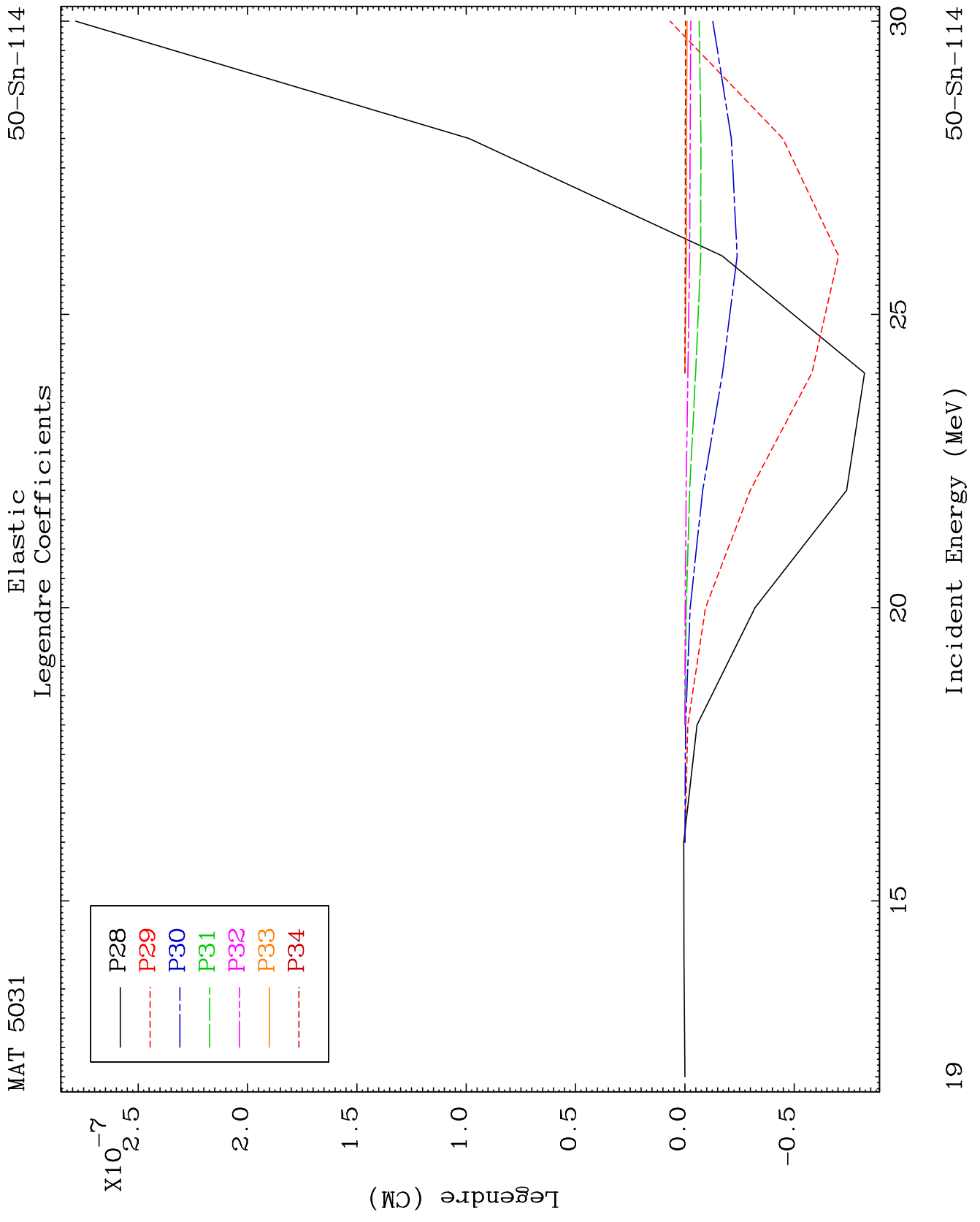
50-Sn-114

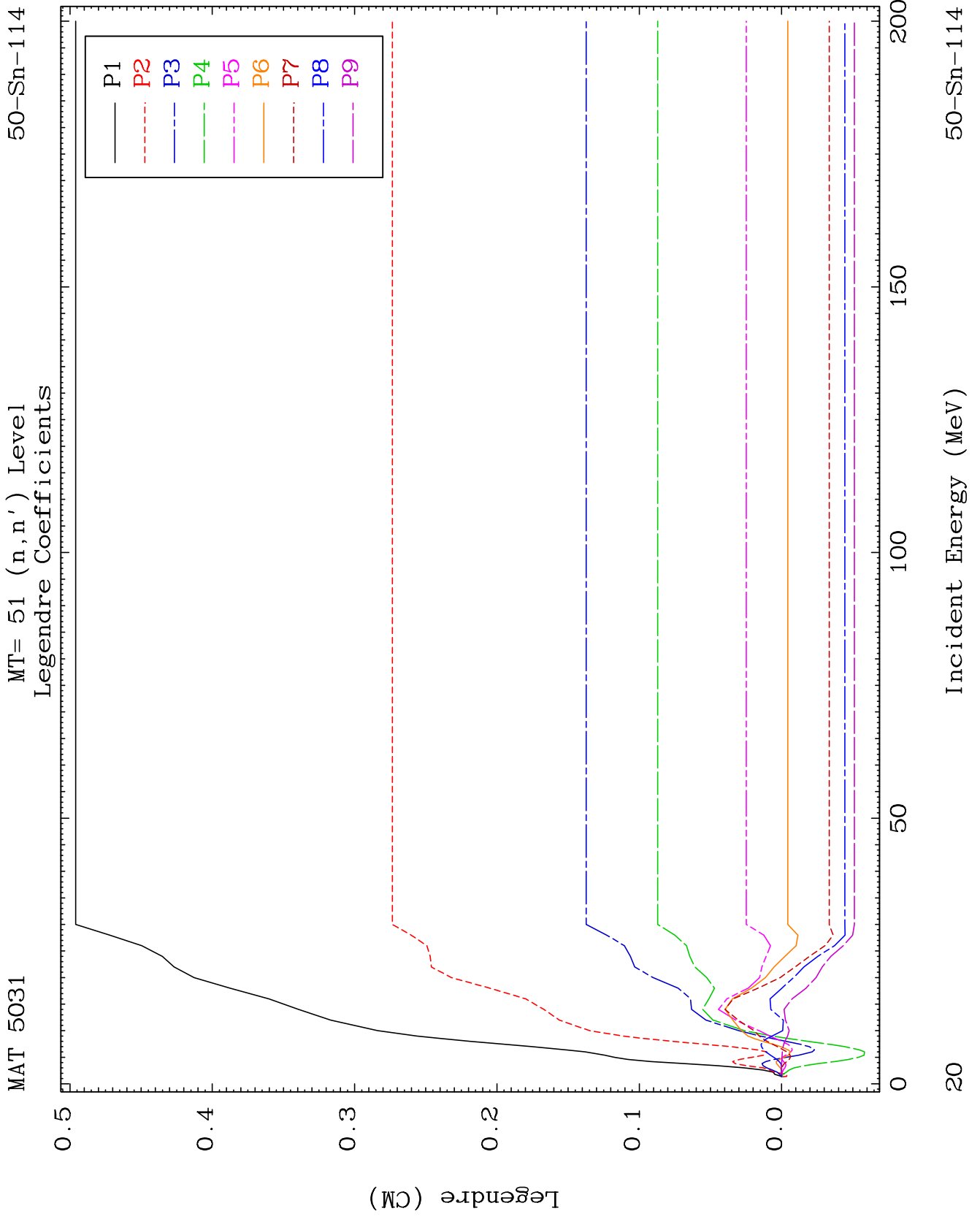


18

Incident Energy (MeV)

50-Sn-114

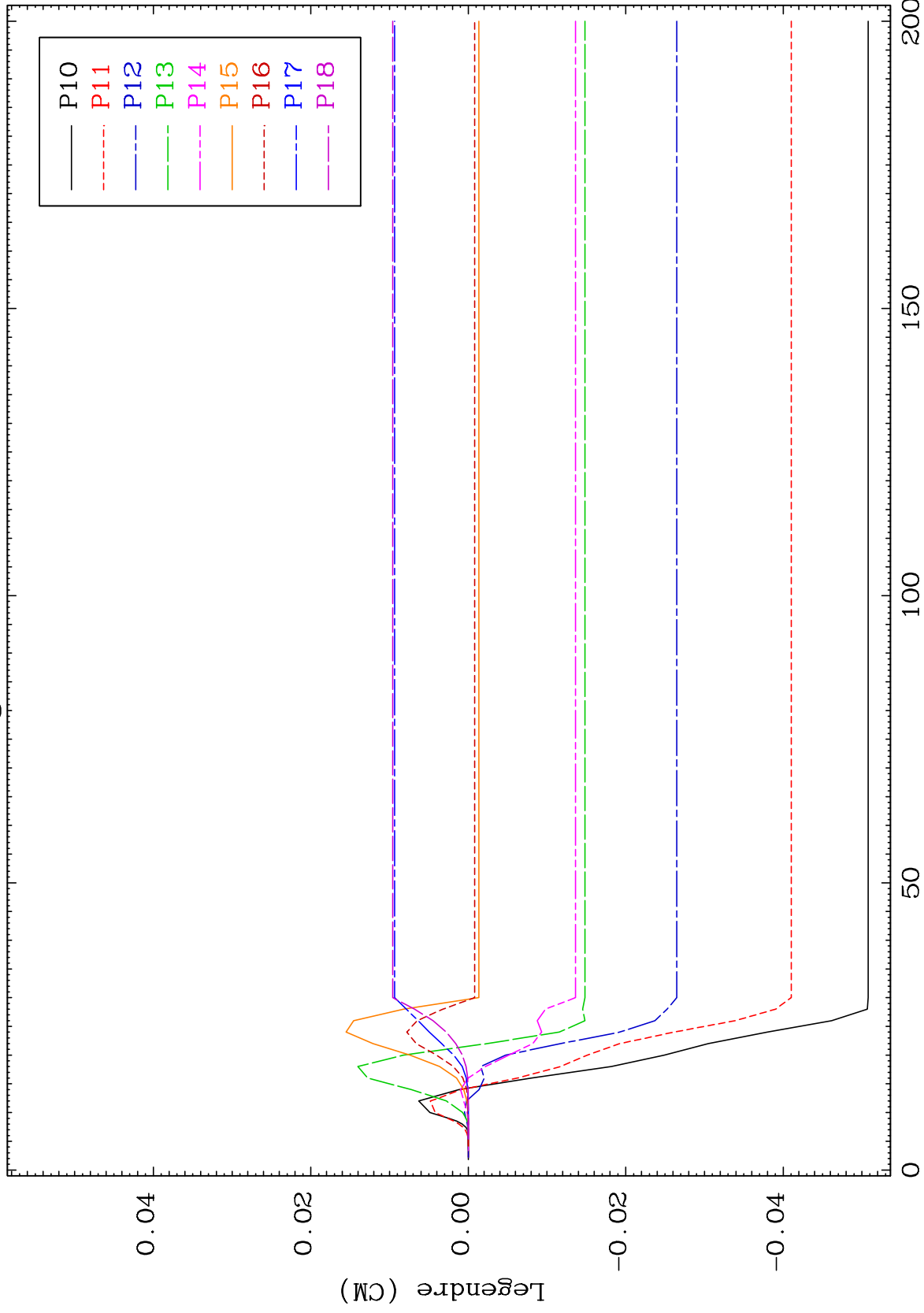




MAT 5031

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

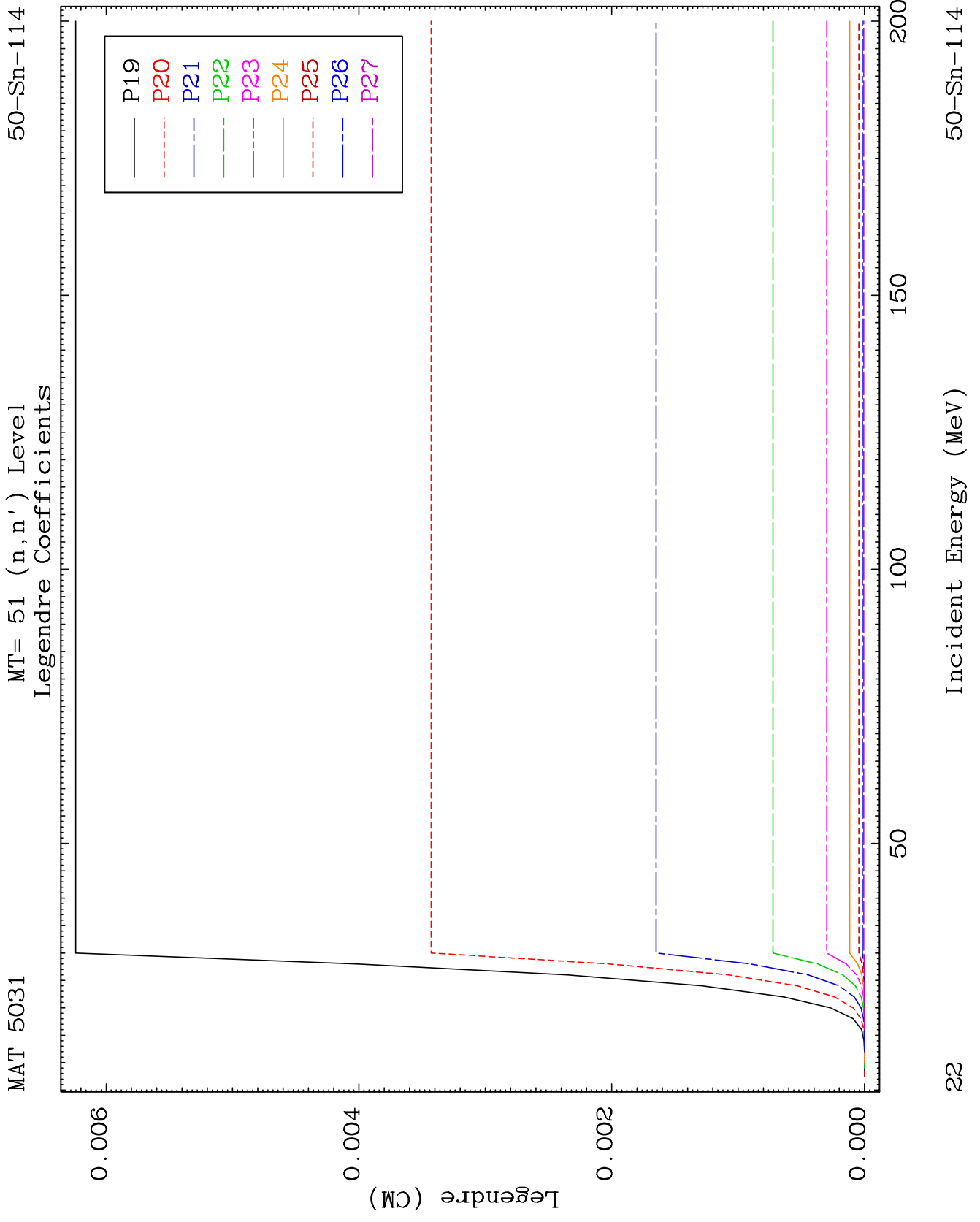
50-Sn-114

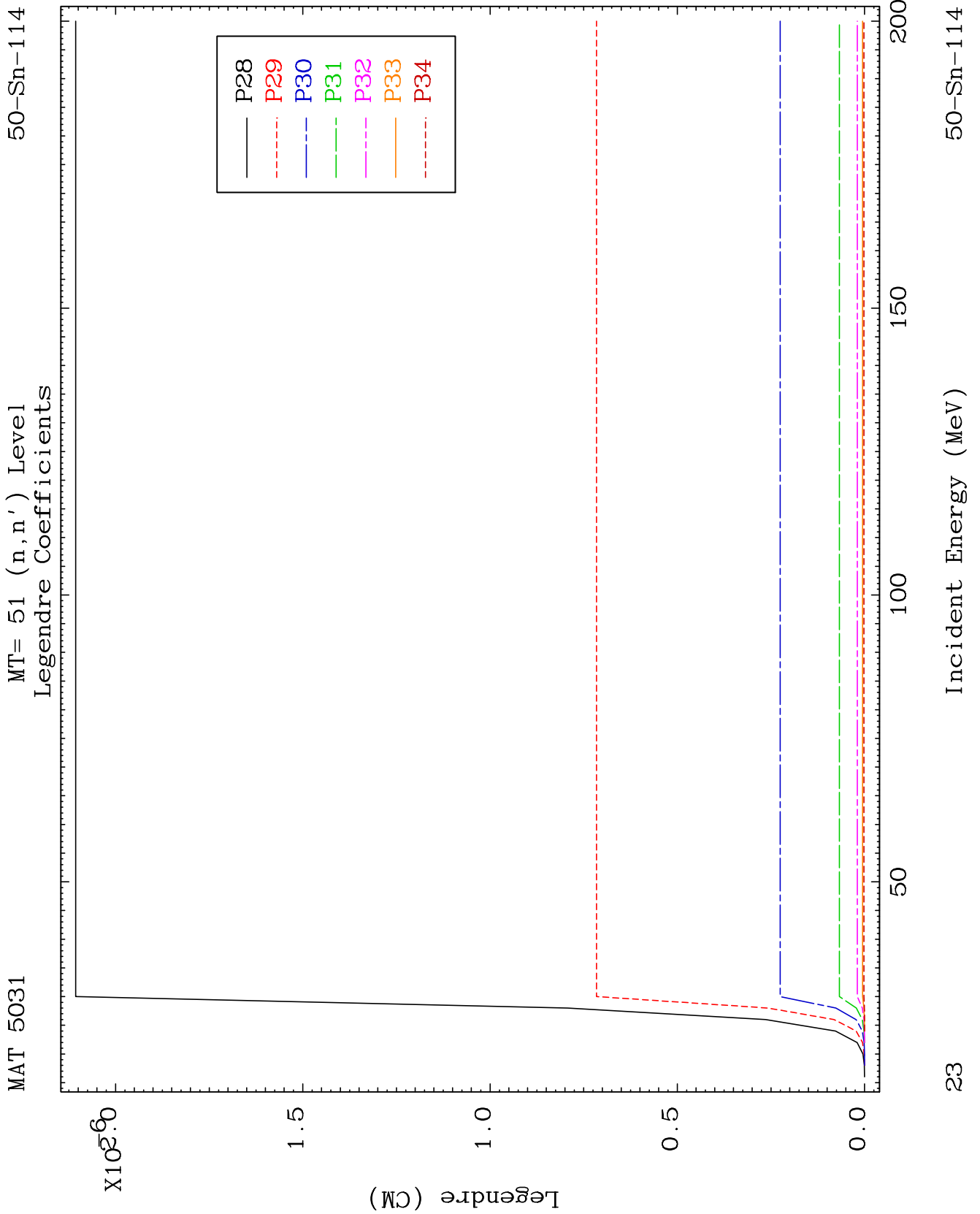


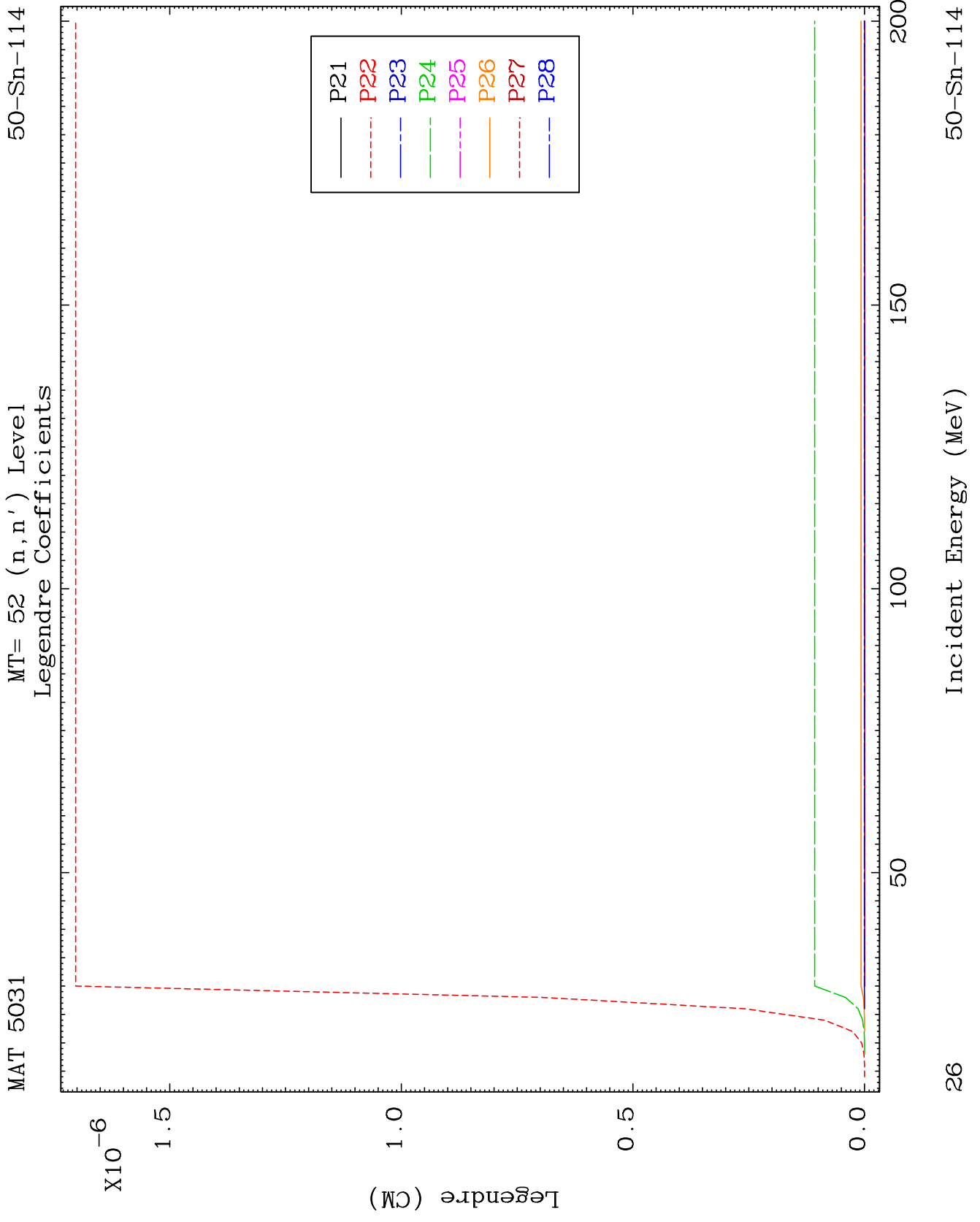
21

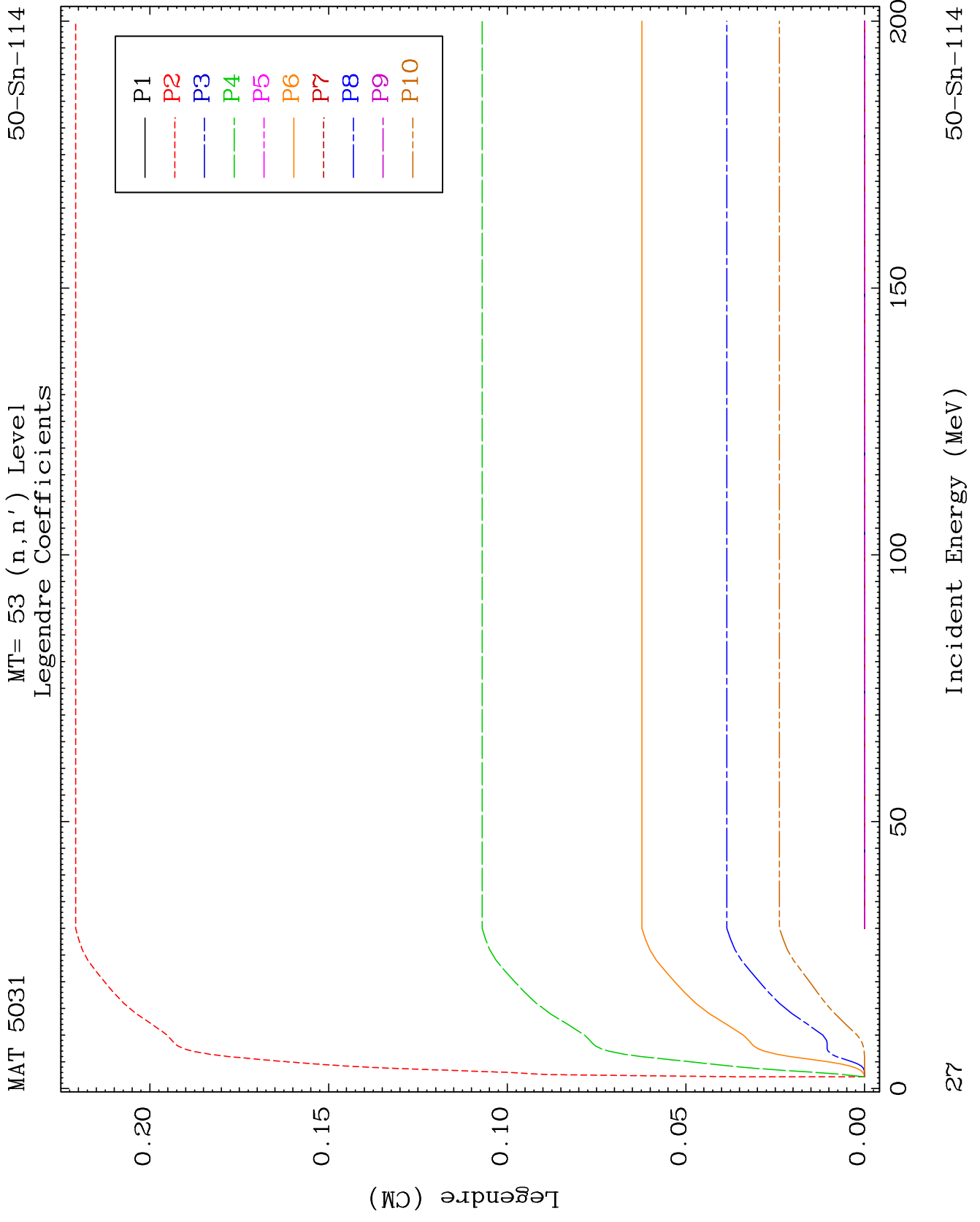
Incident Energy (MeV)

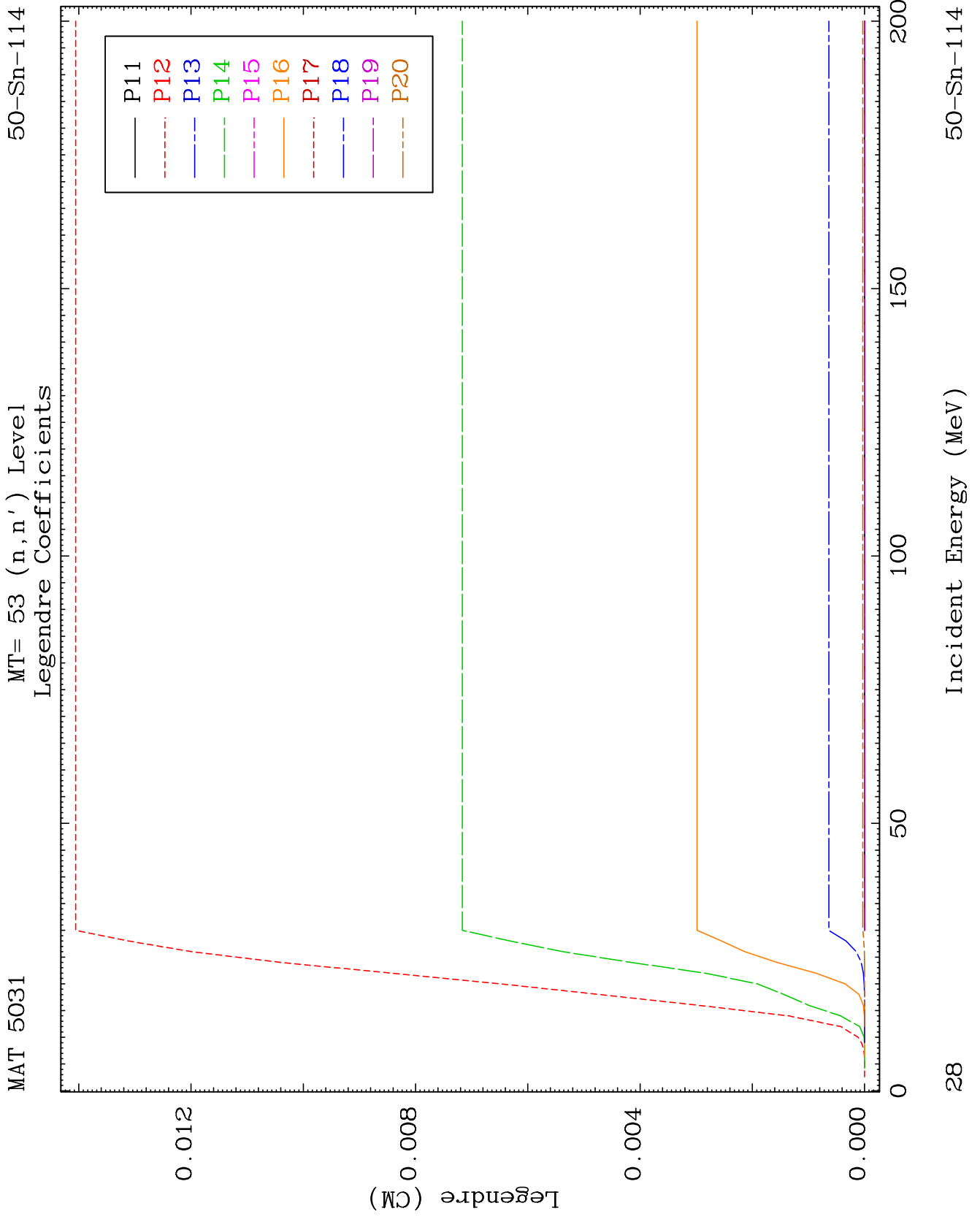
50-Sn-114

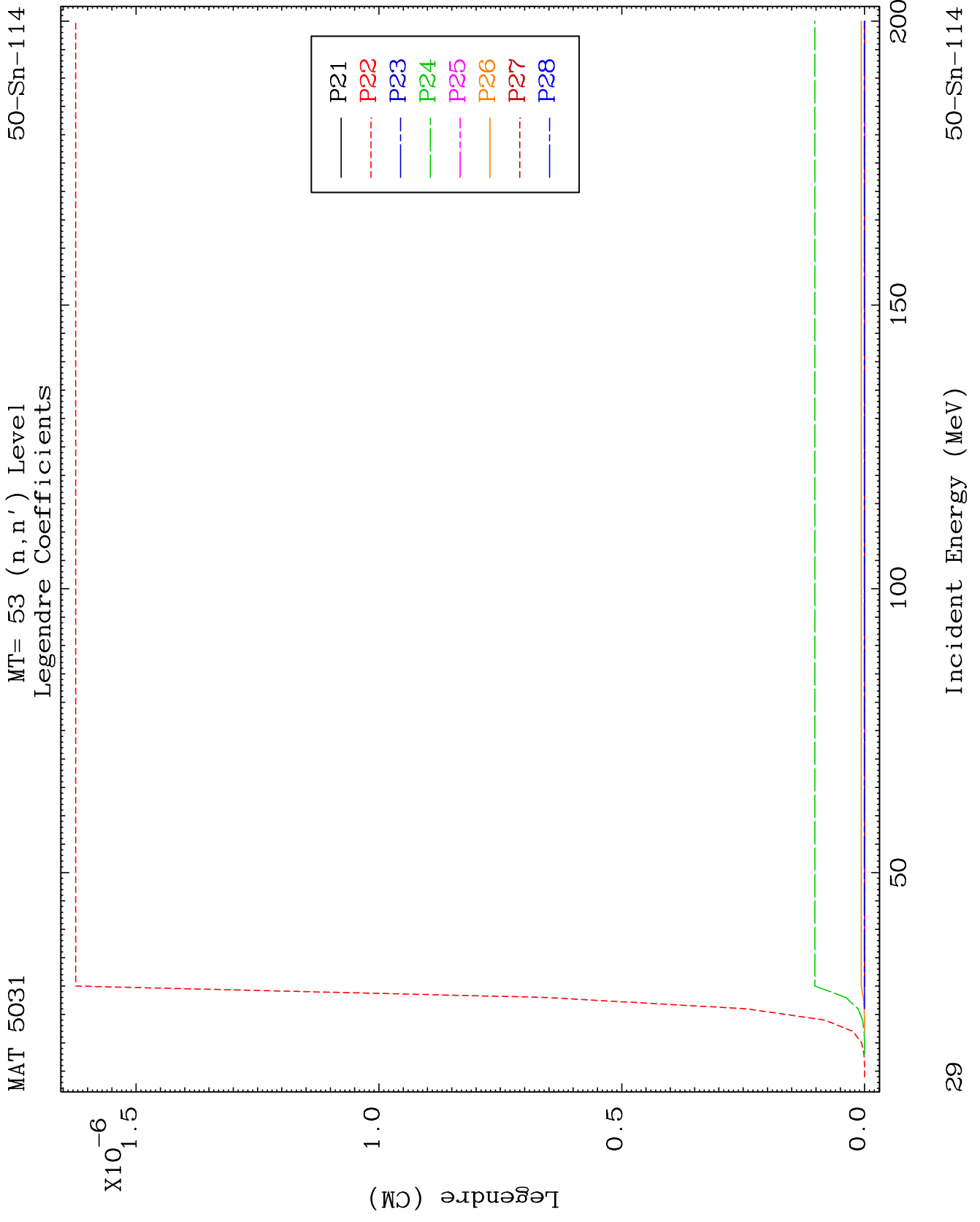








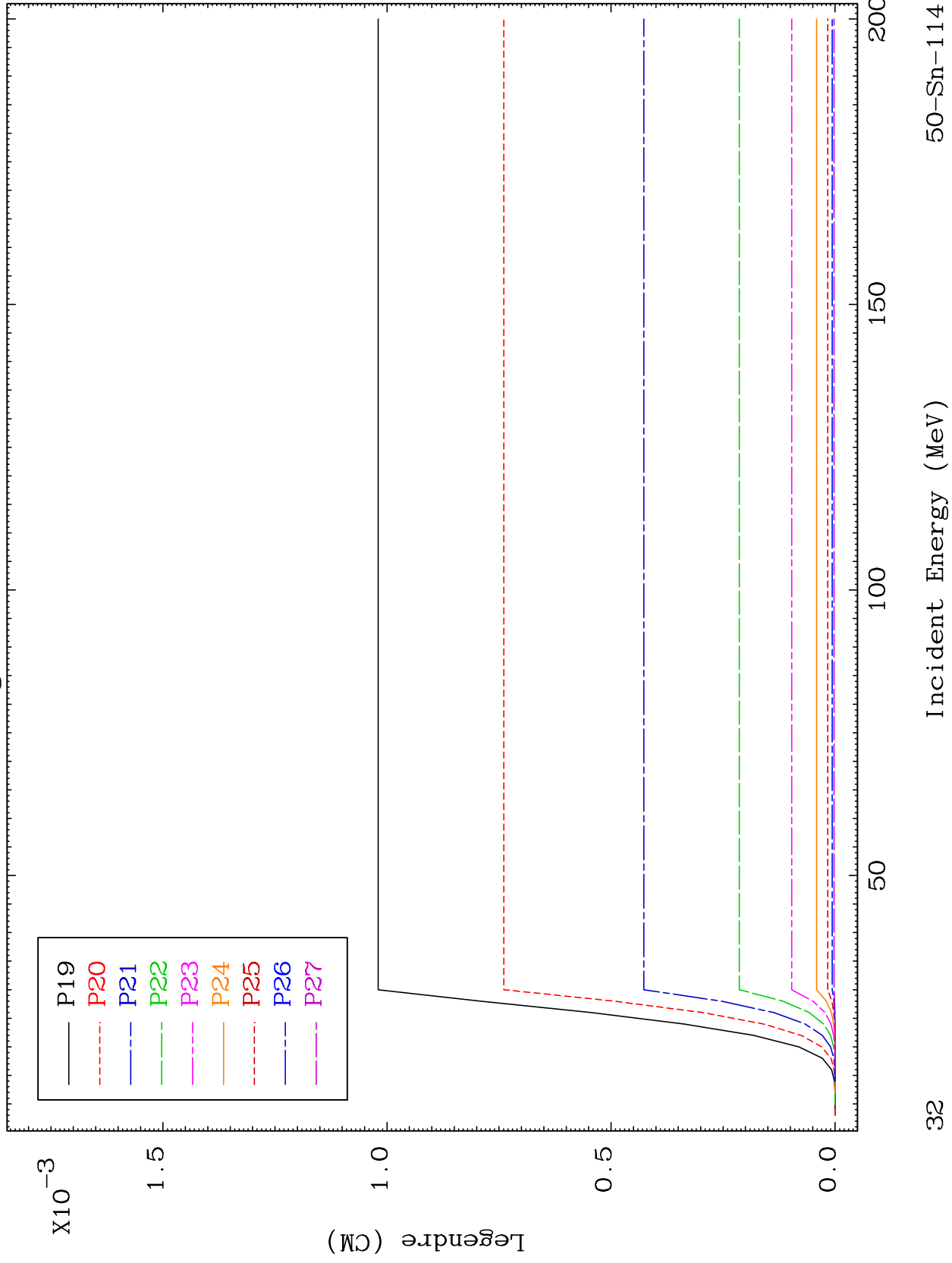




MAT 5031

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

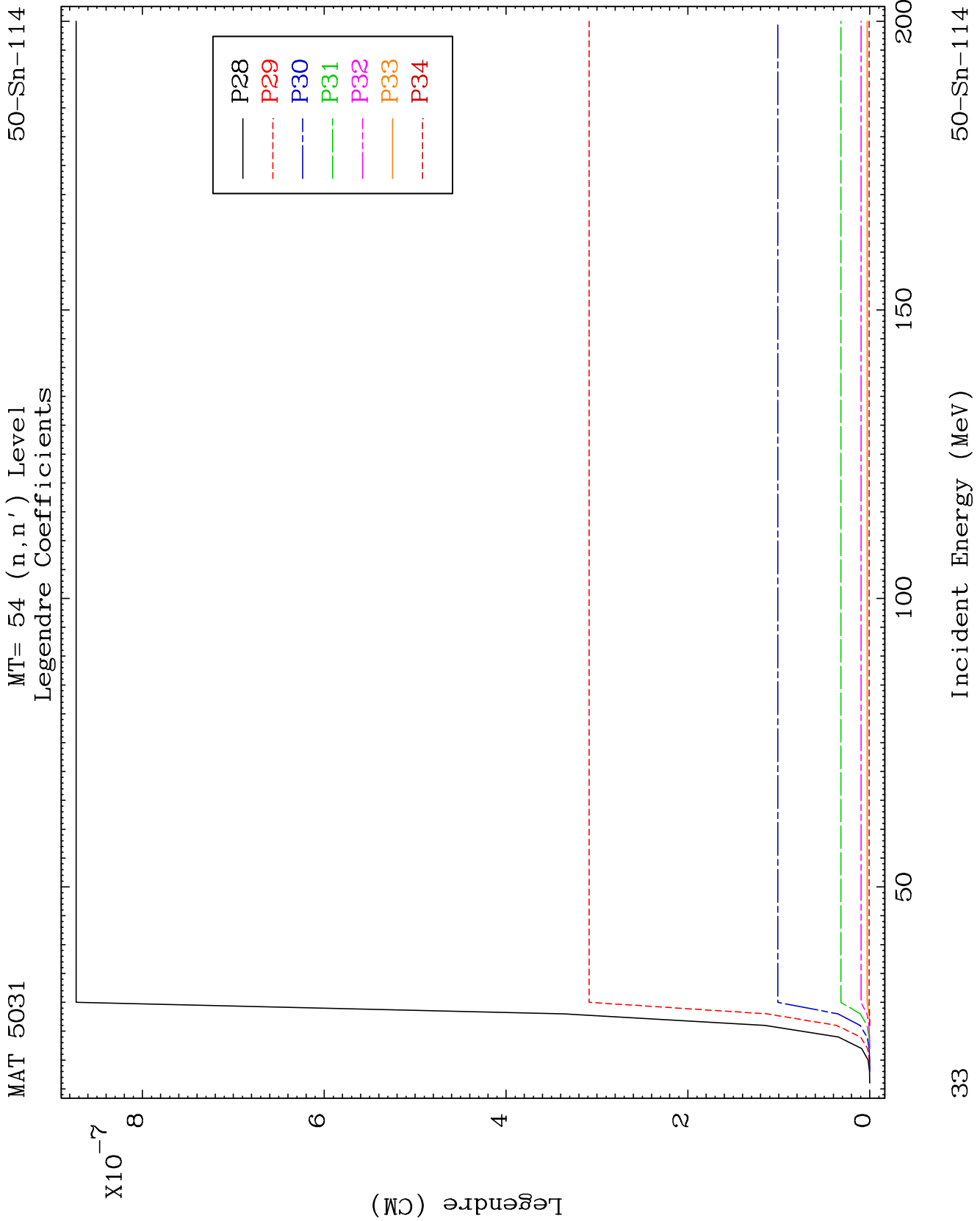
50-Sn-114

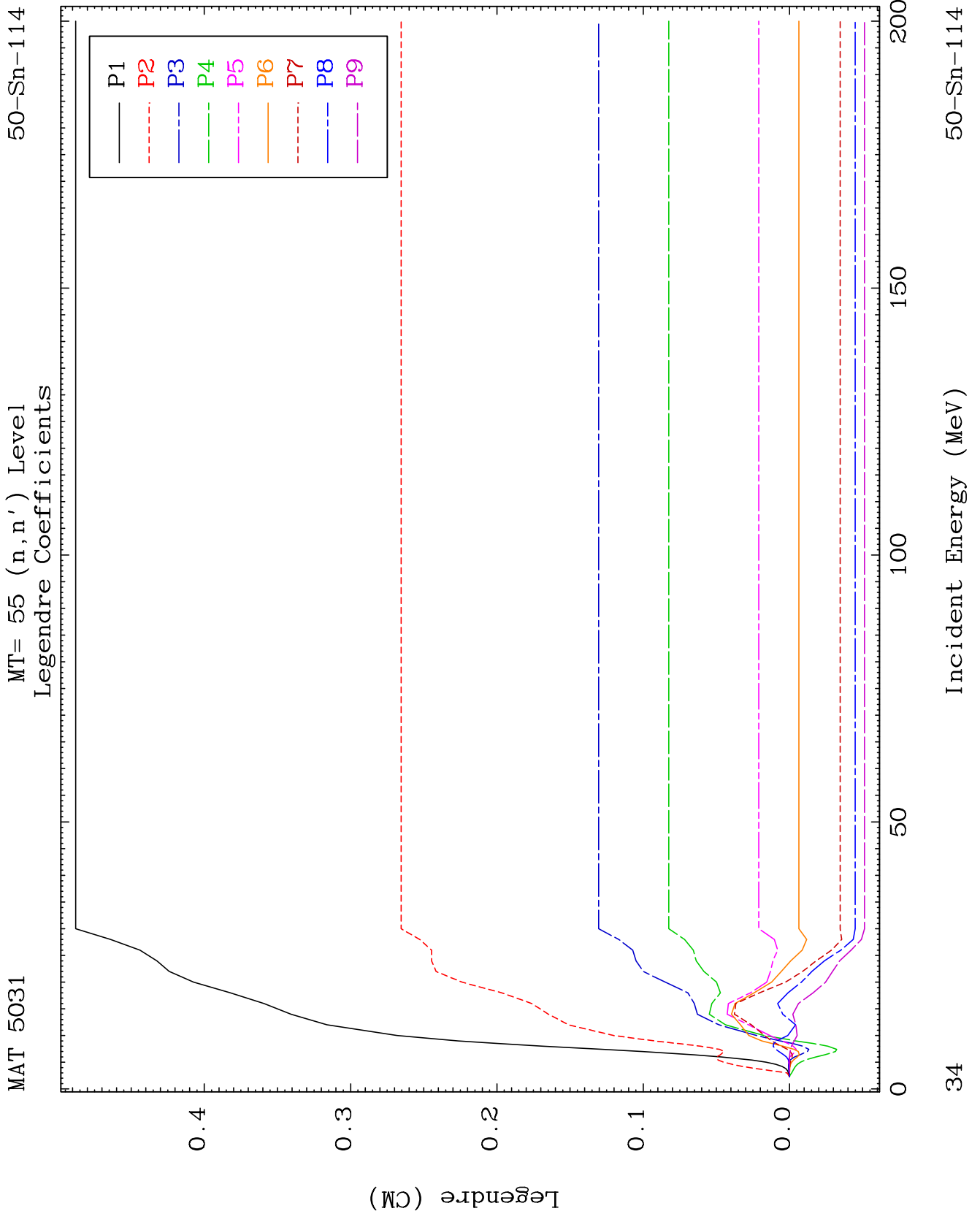


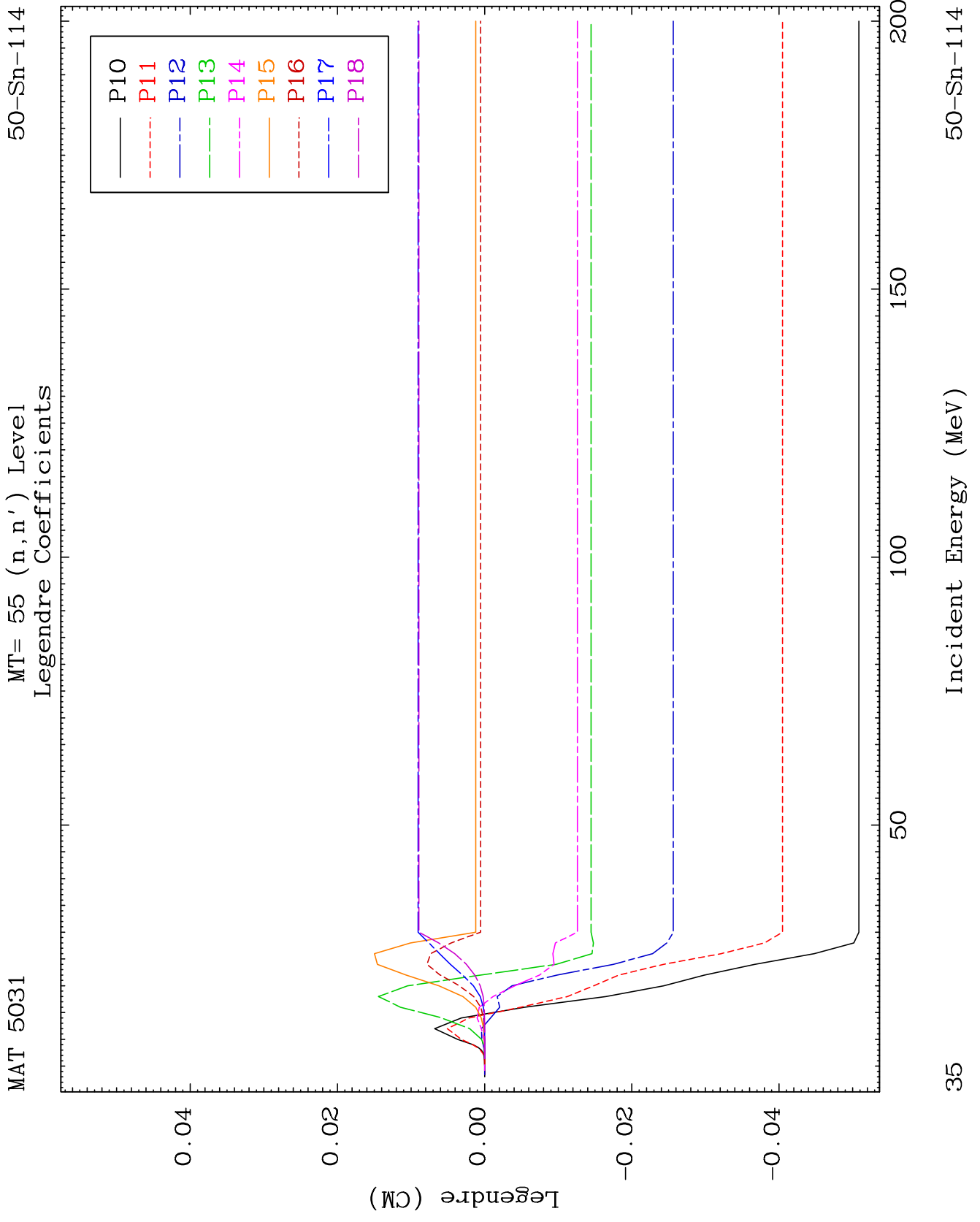
32

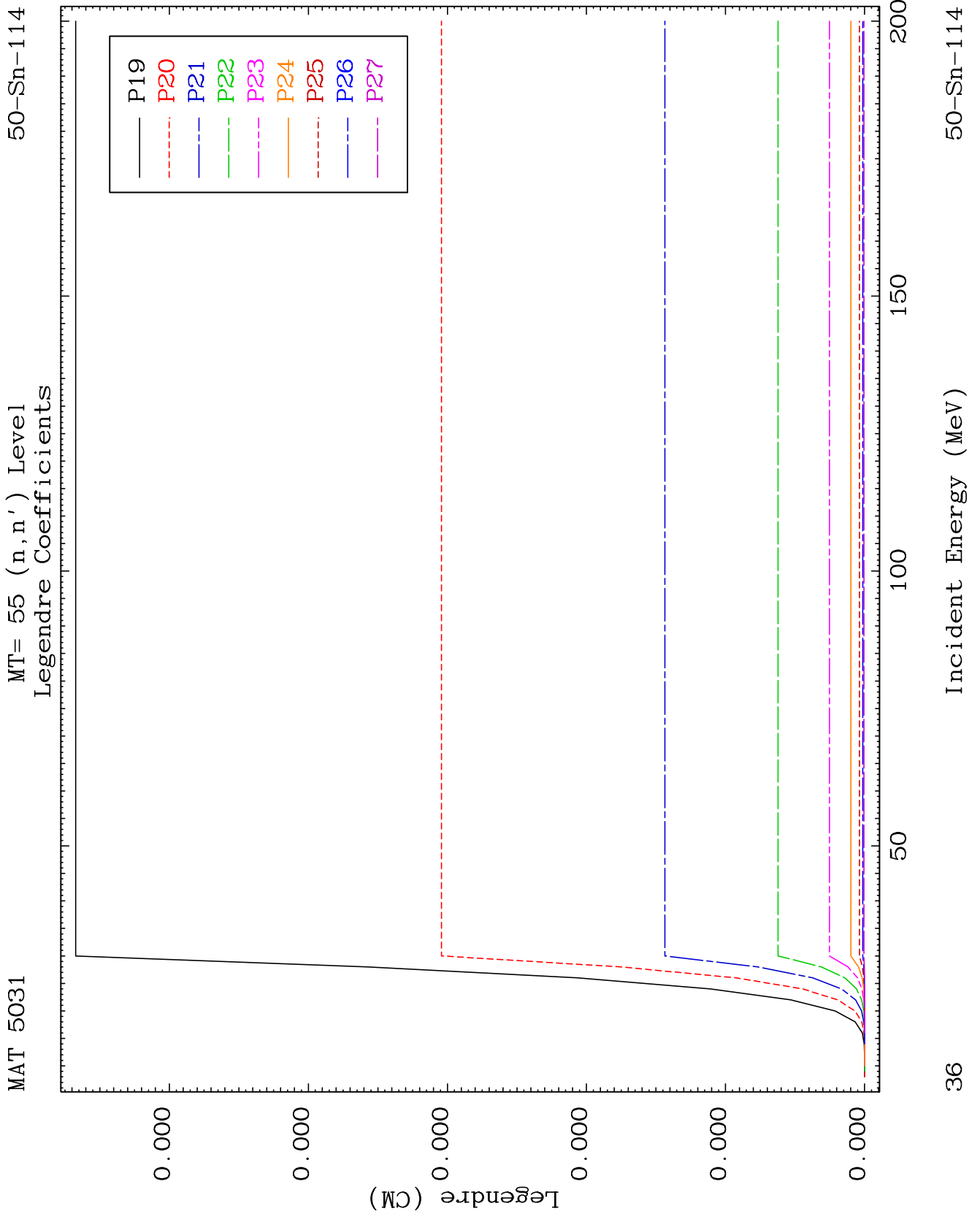
Incident Energy (MeV)

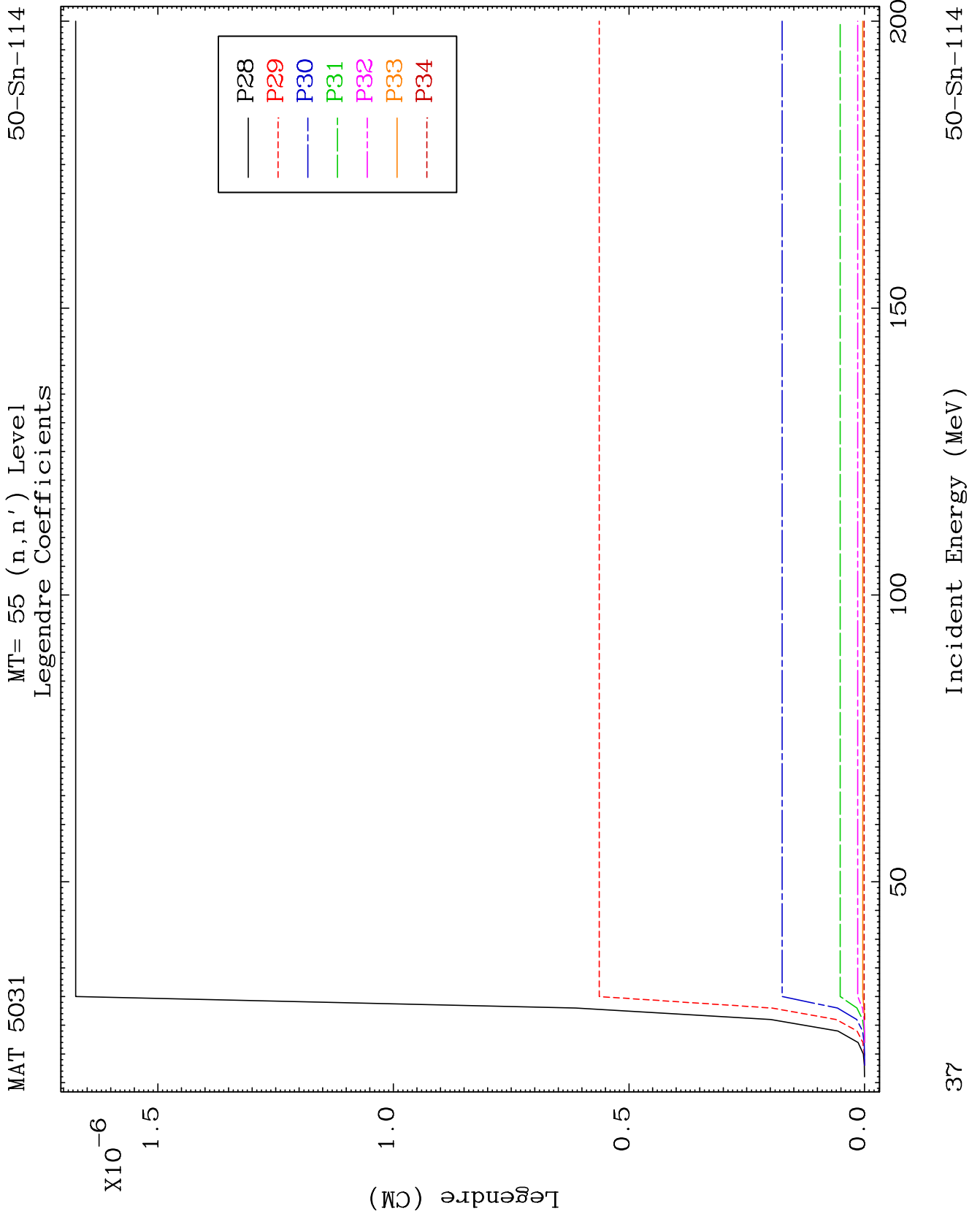
50-Sn-114







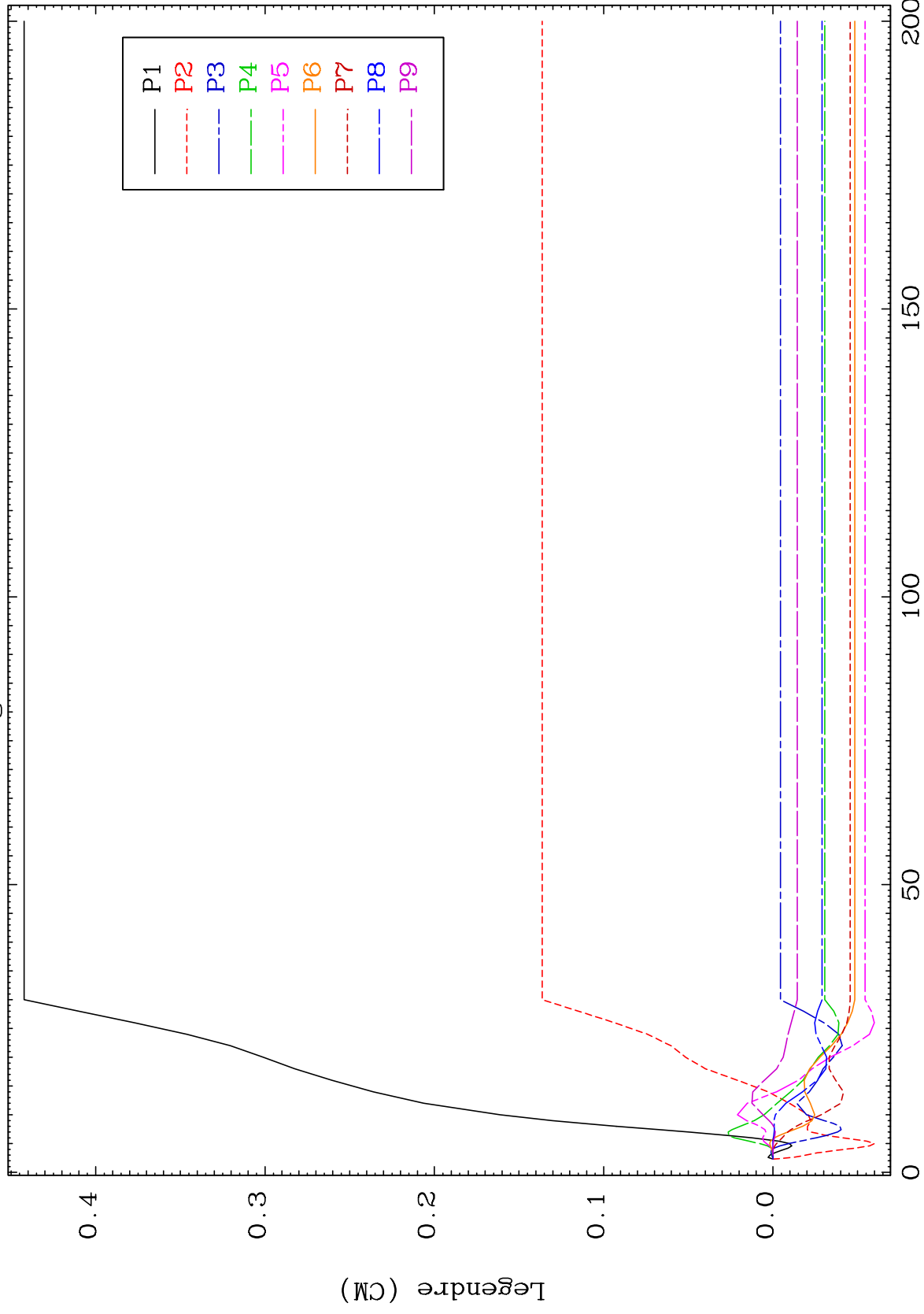




MAT 5031

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

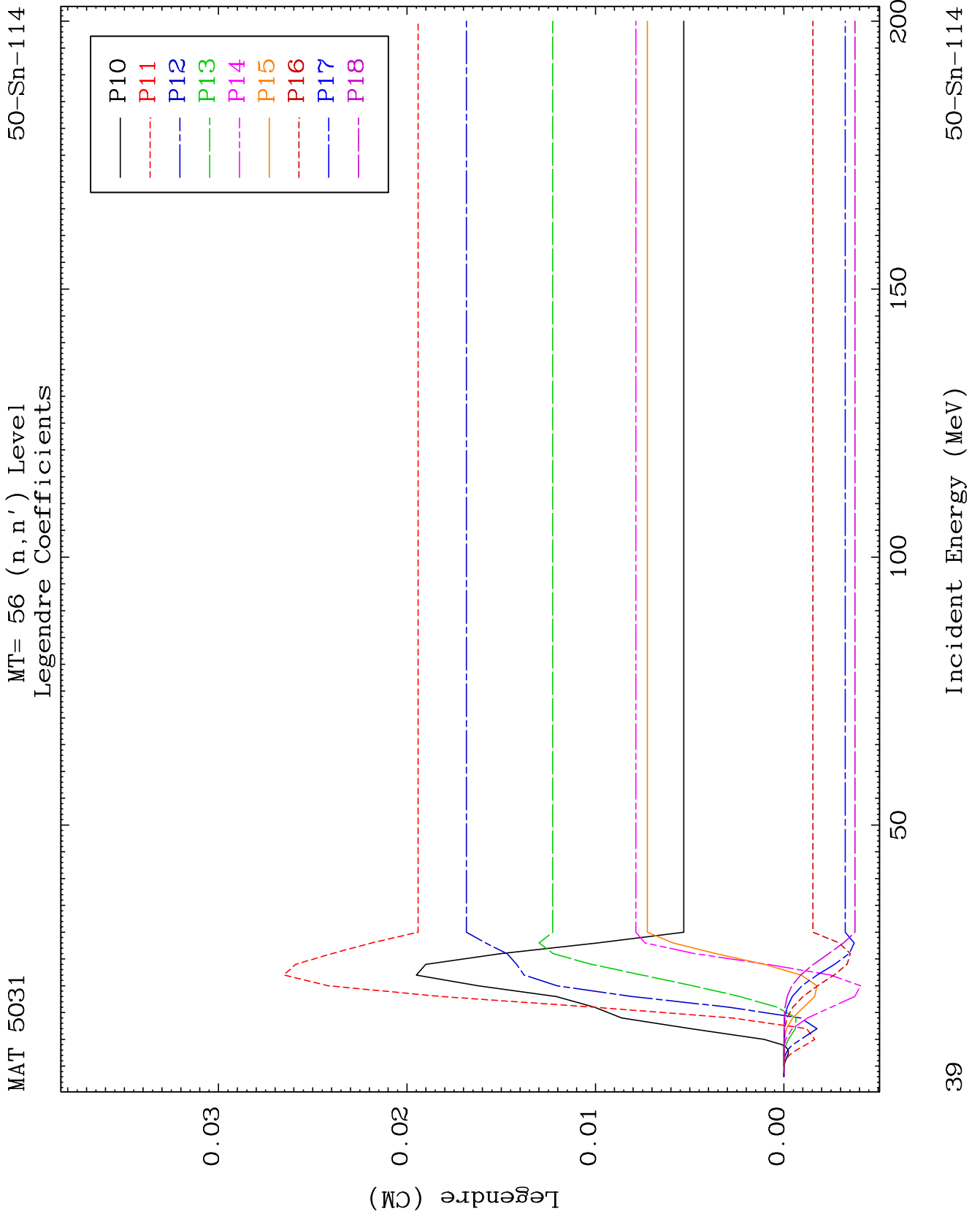
50-Sn-114

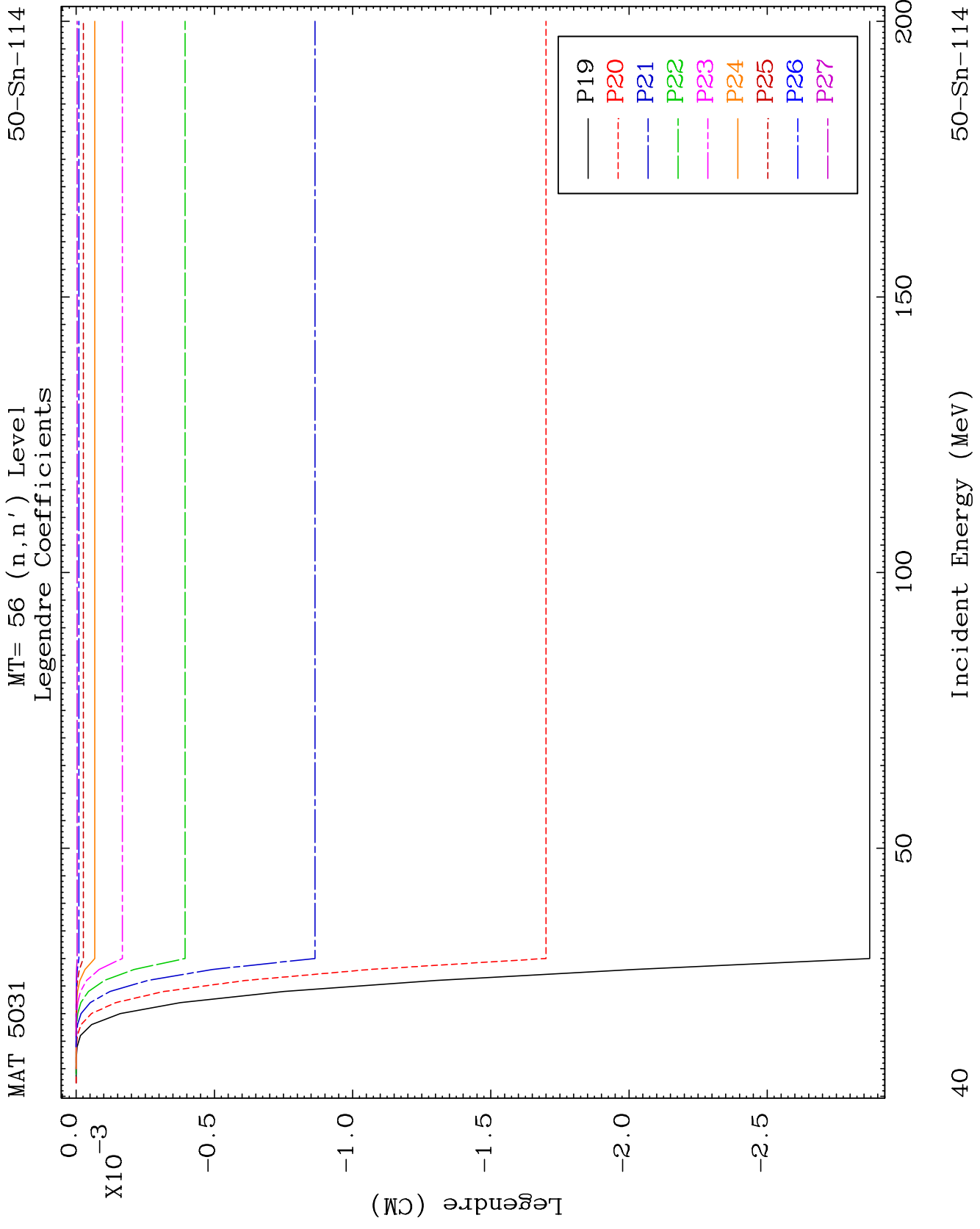


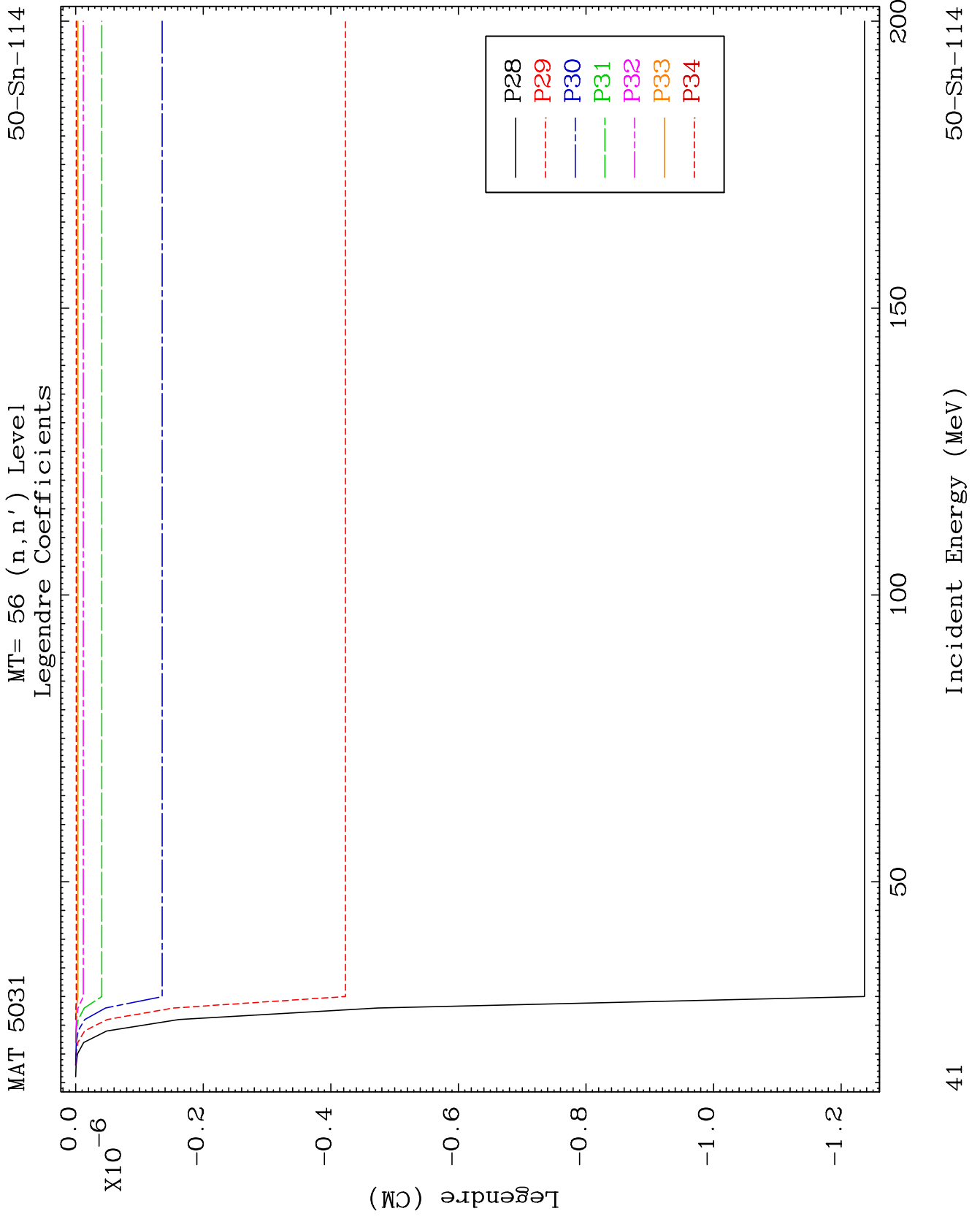
38

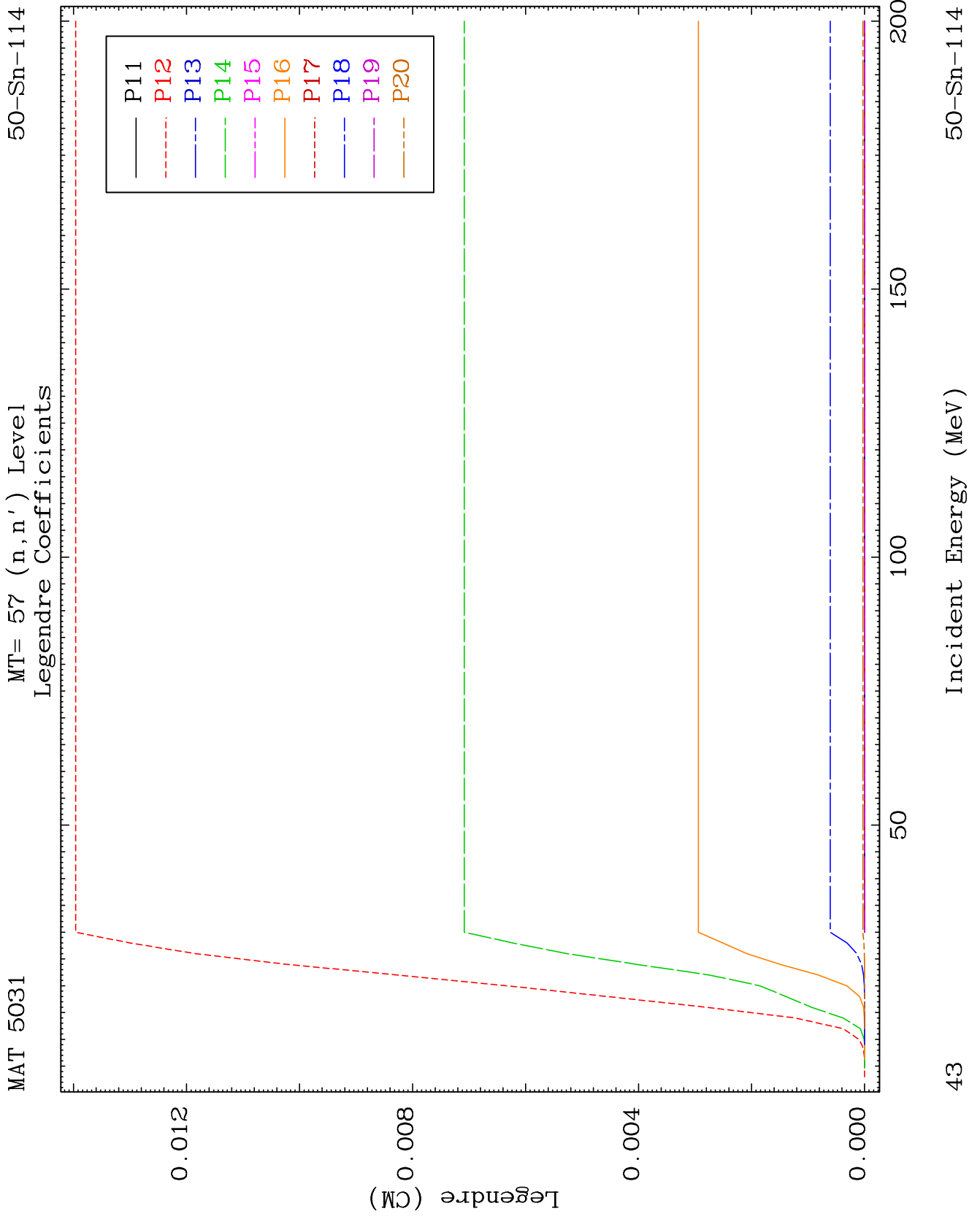
Incident Energy (MeV)

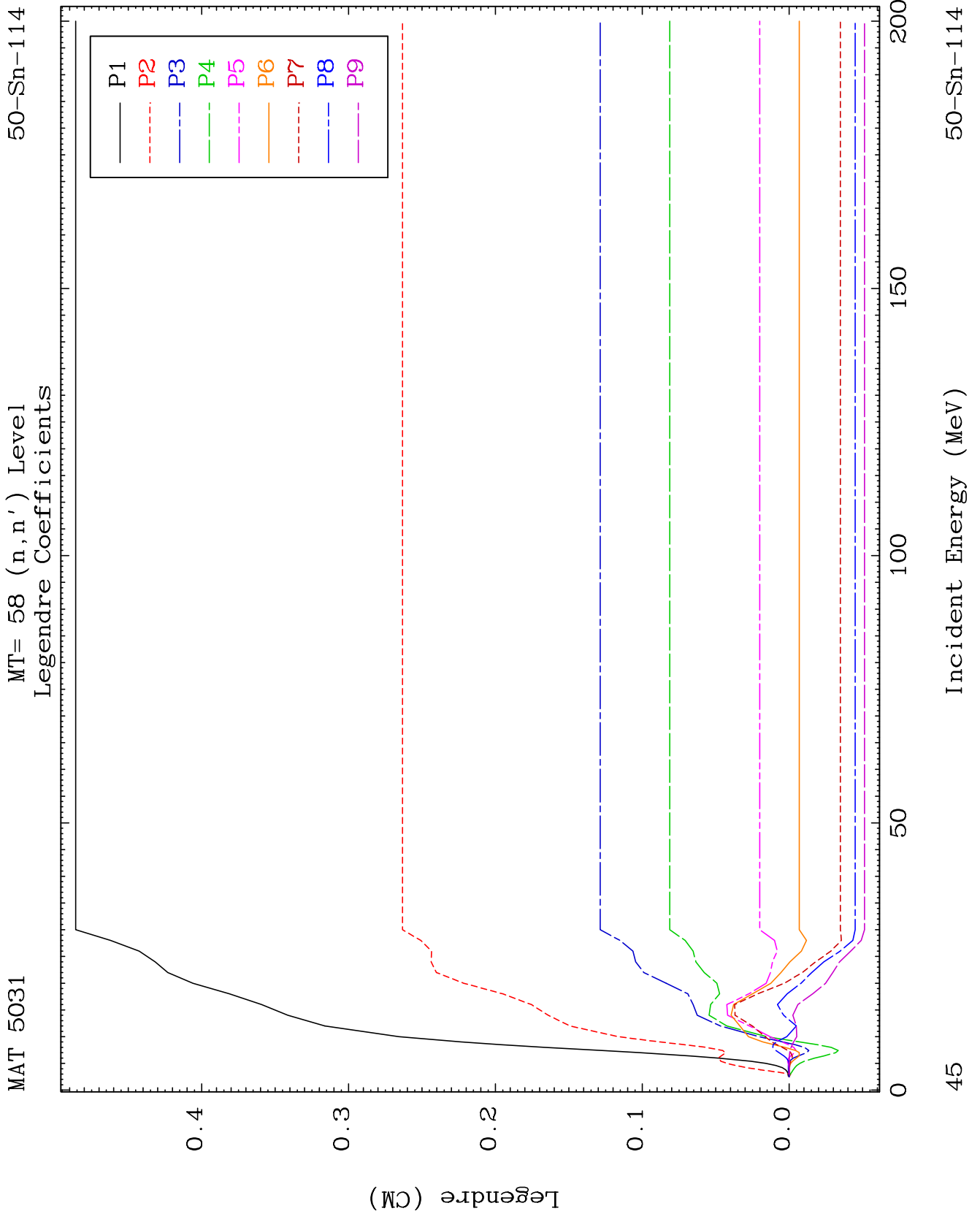
50-Sn-114







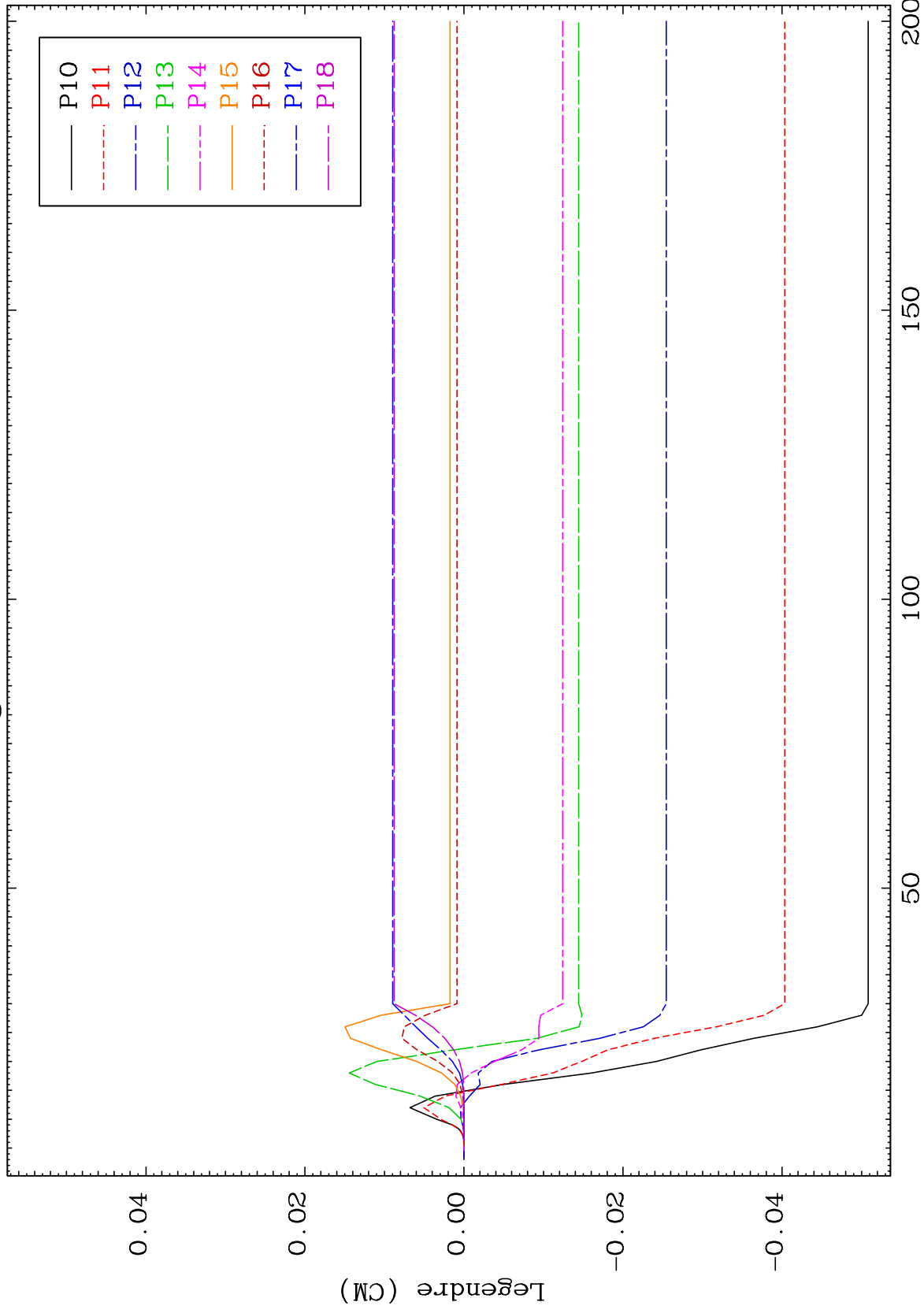




MAT 5031

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

50-Sn-114

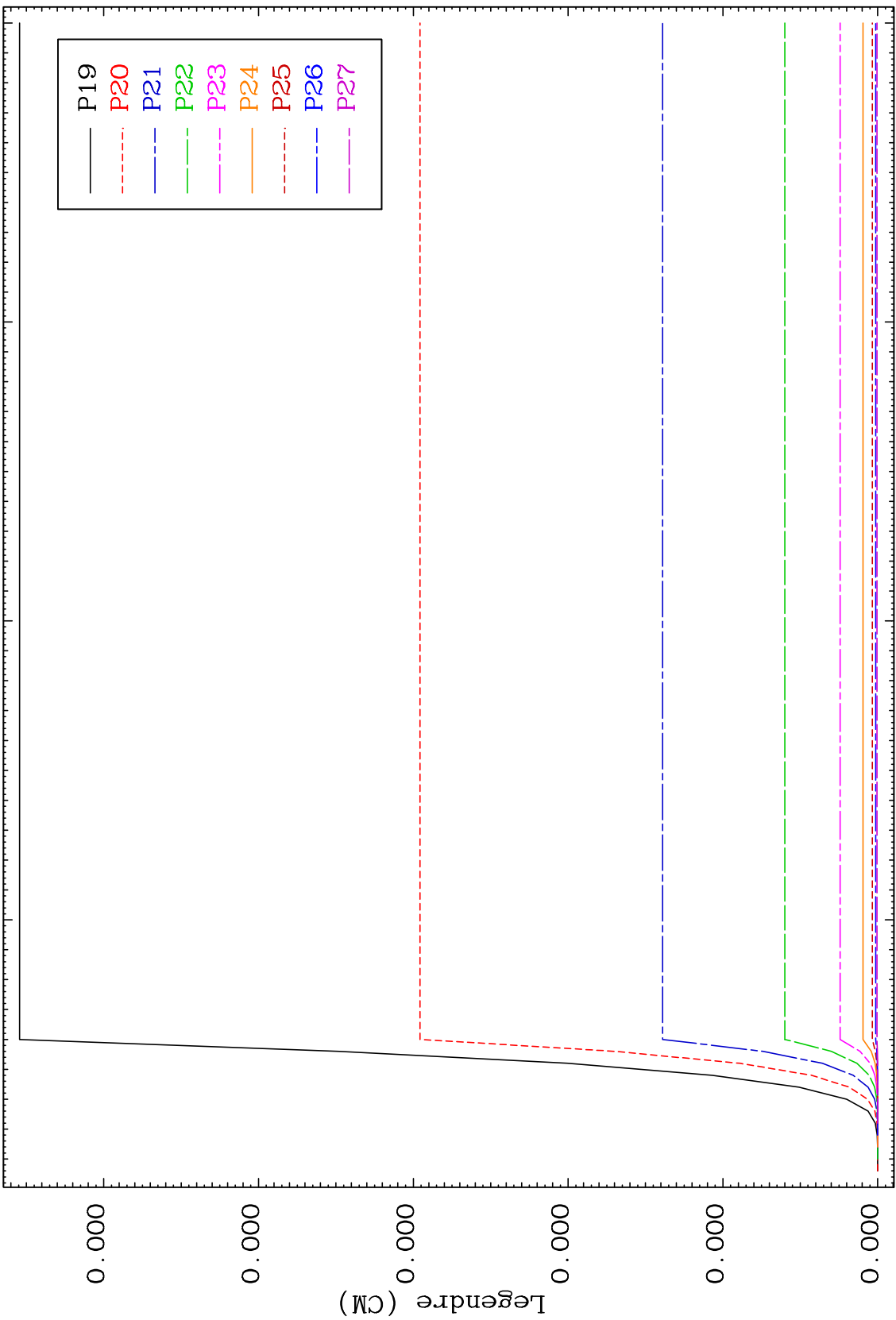


46

Incident Energy (MeV)

50-Sn-114

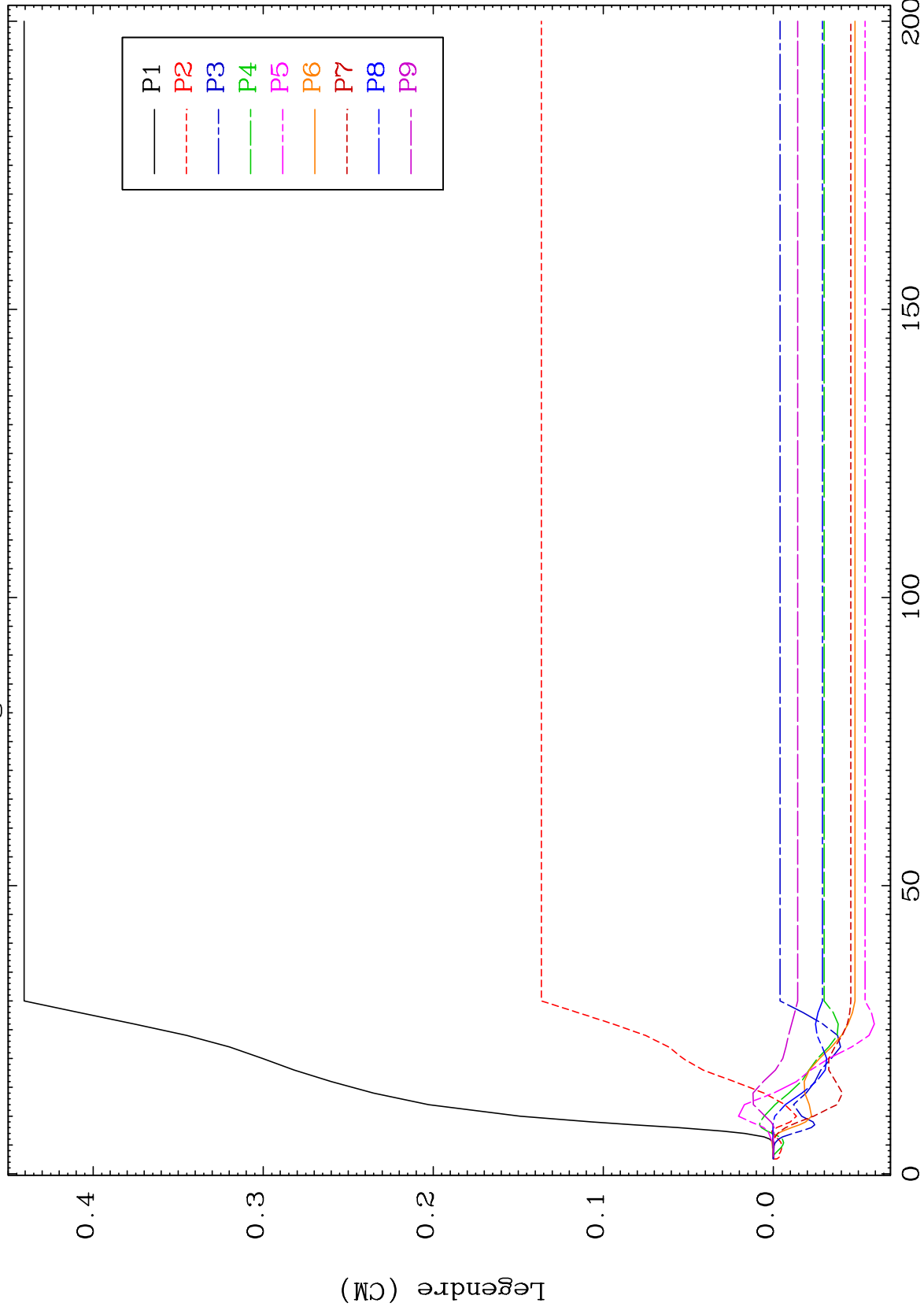
MAT 5031 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-114



MAT 5031

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

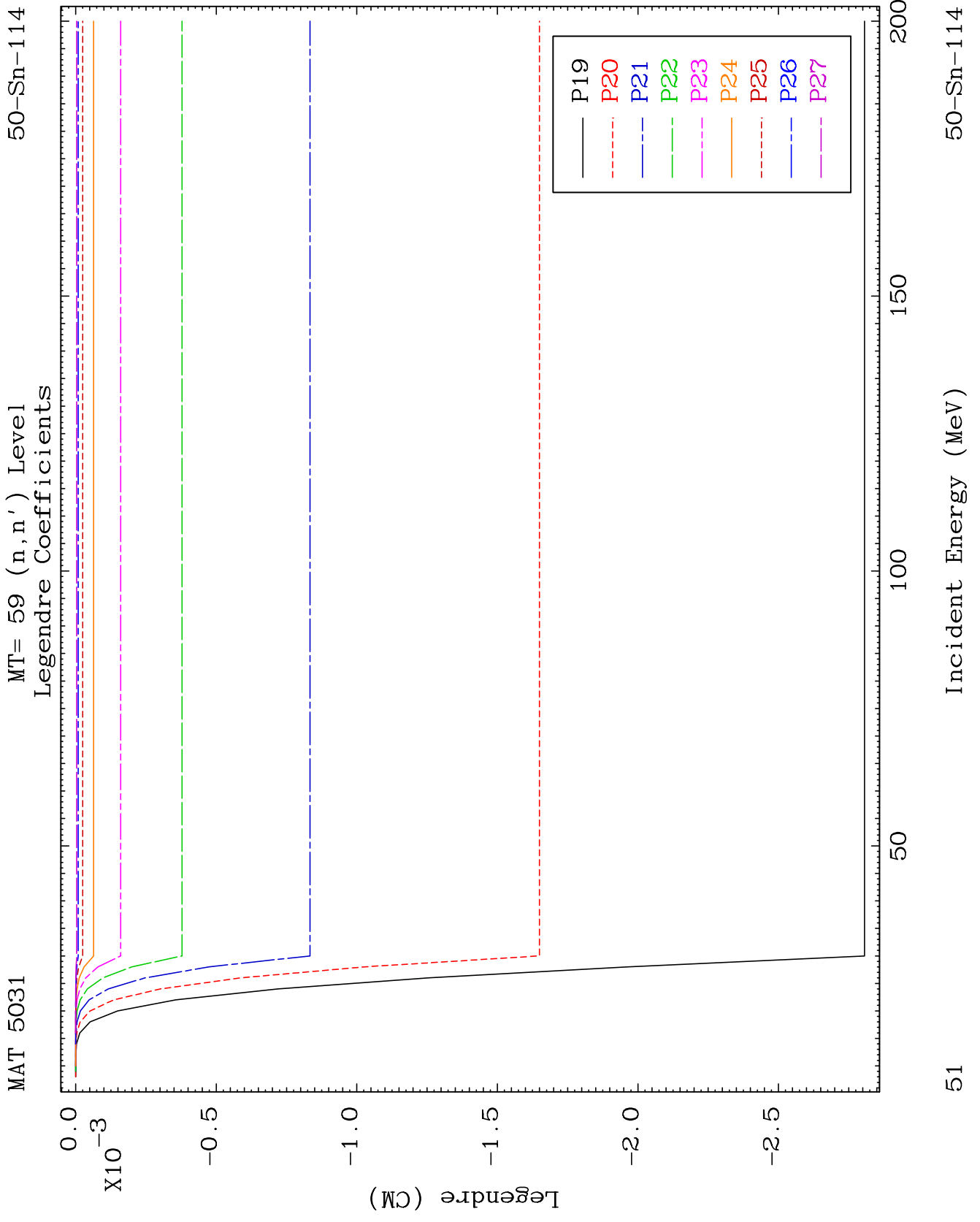
50-Sn-114

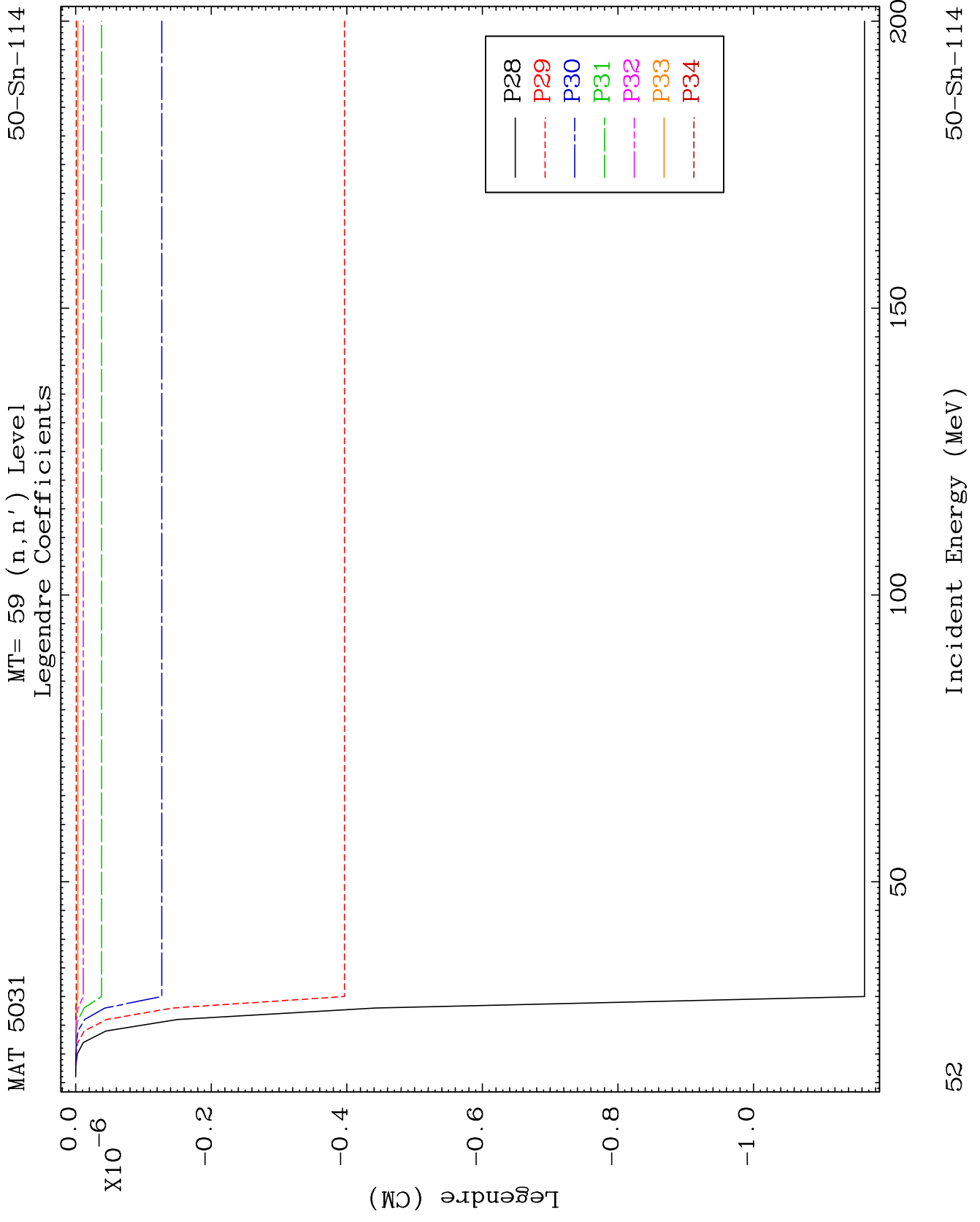


49

Incident Energy (MeV)

50-Sn-114

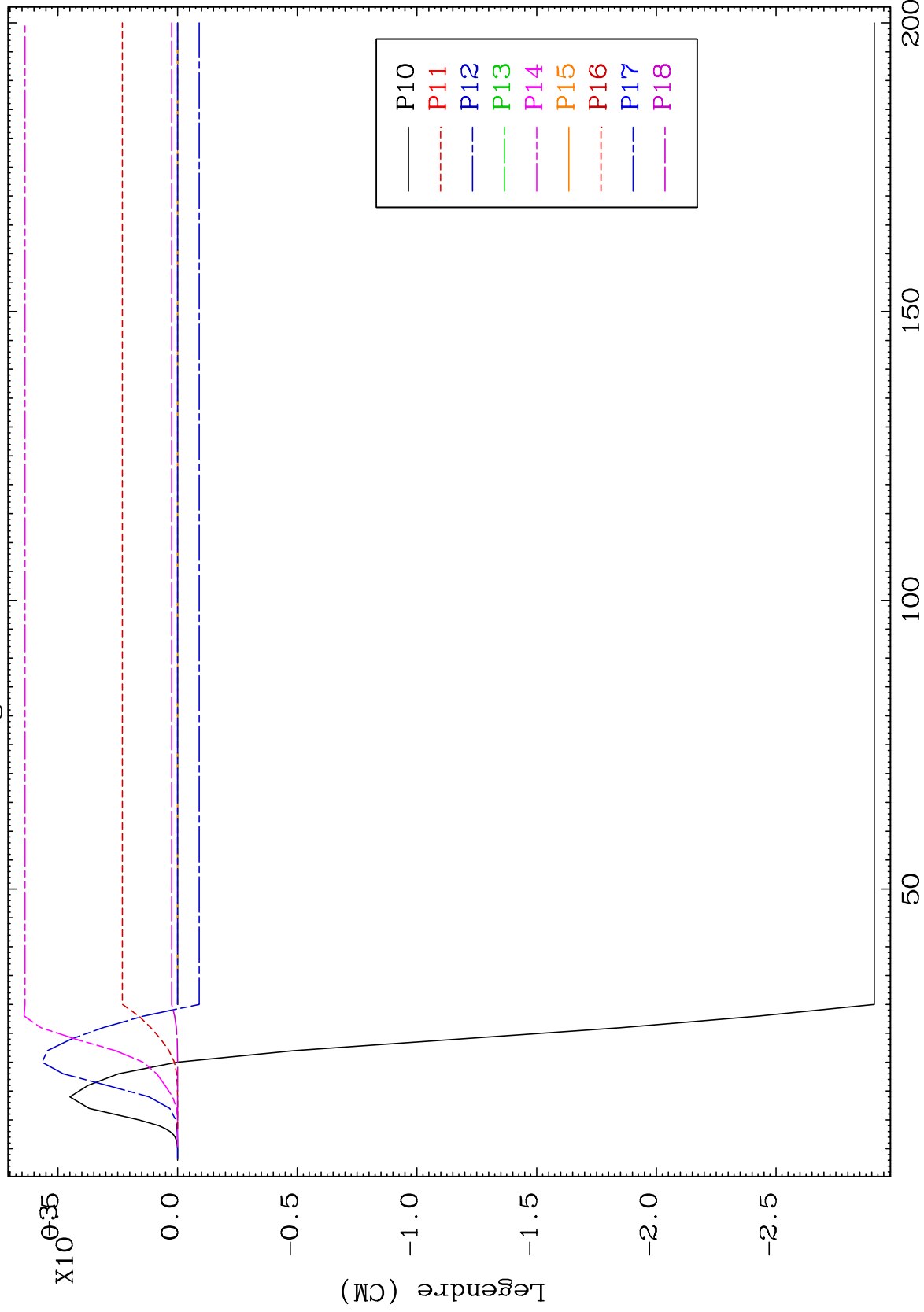




MAT 5031

50-Sn-114

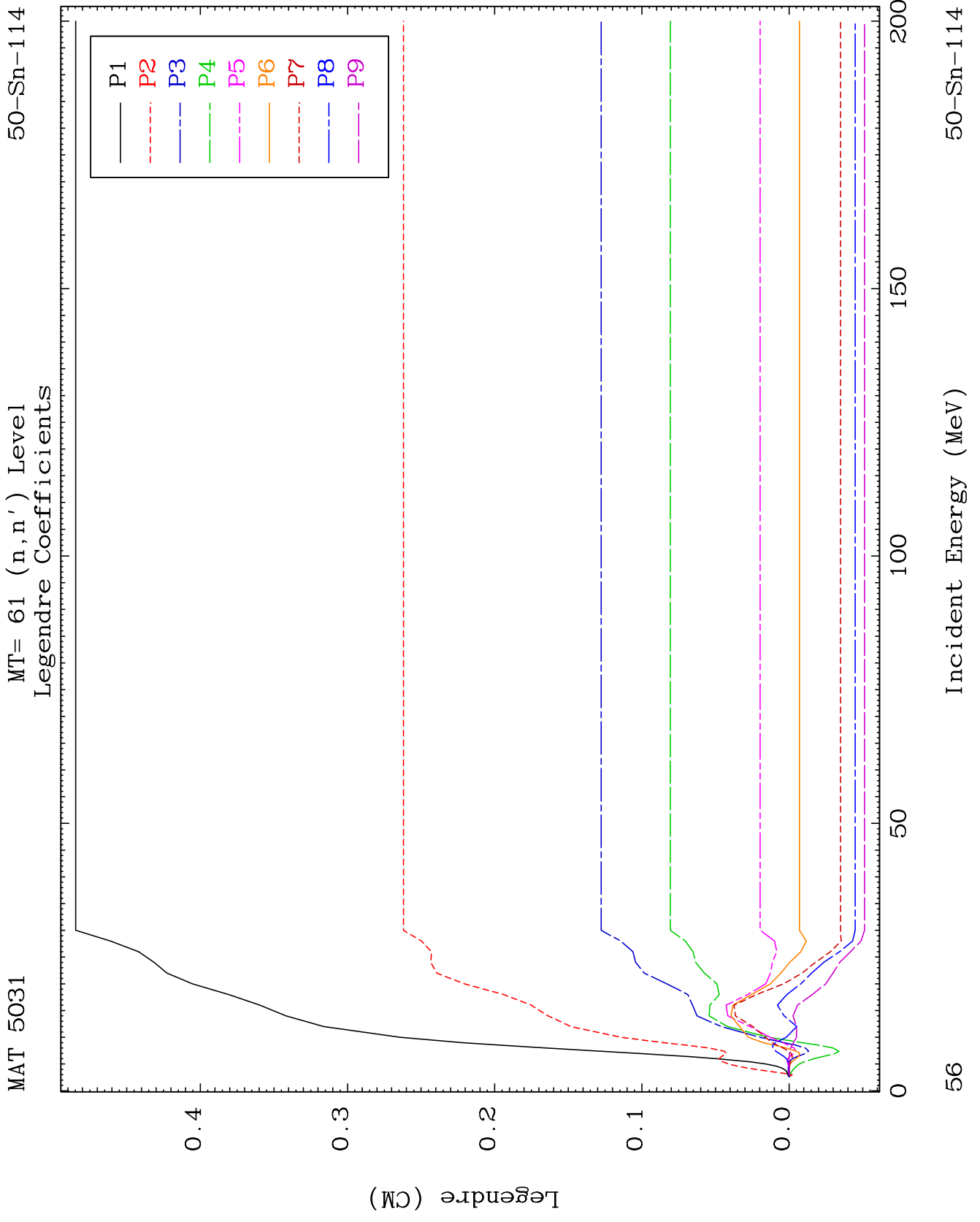
MT= 60 (n,n') Level
Legendre Coefficients

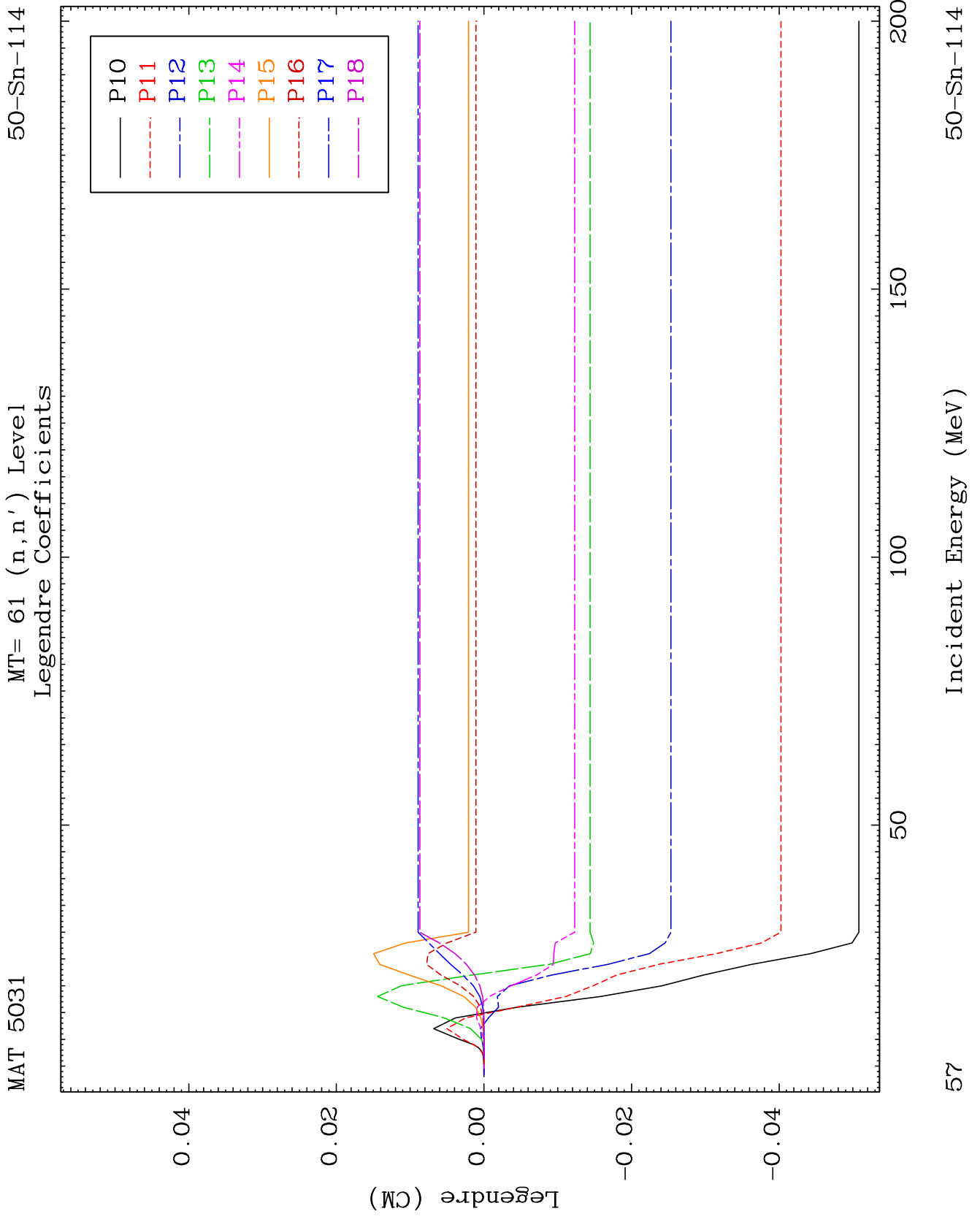


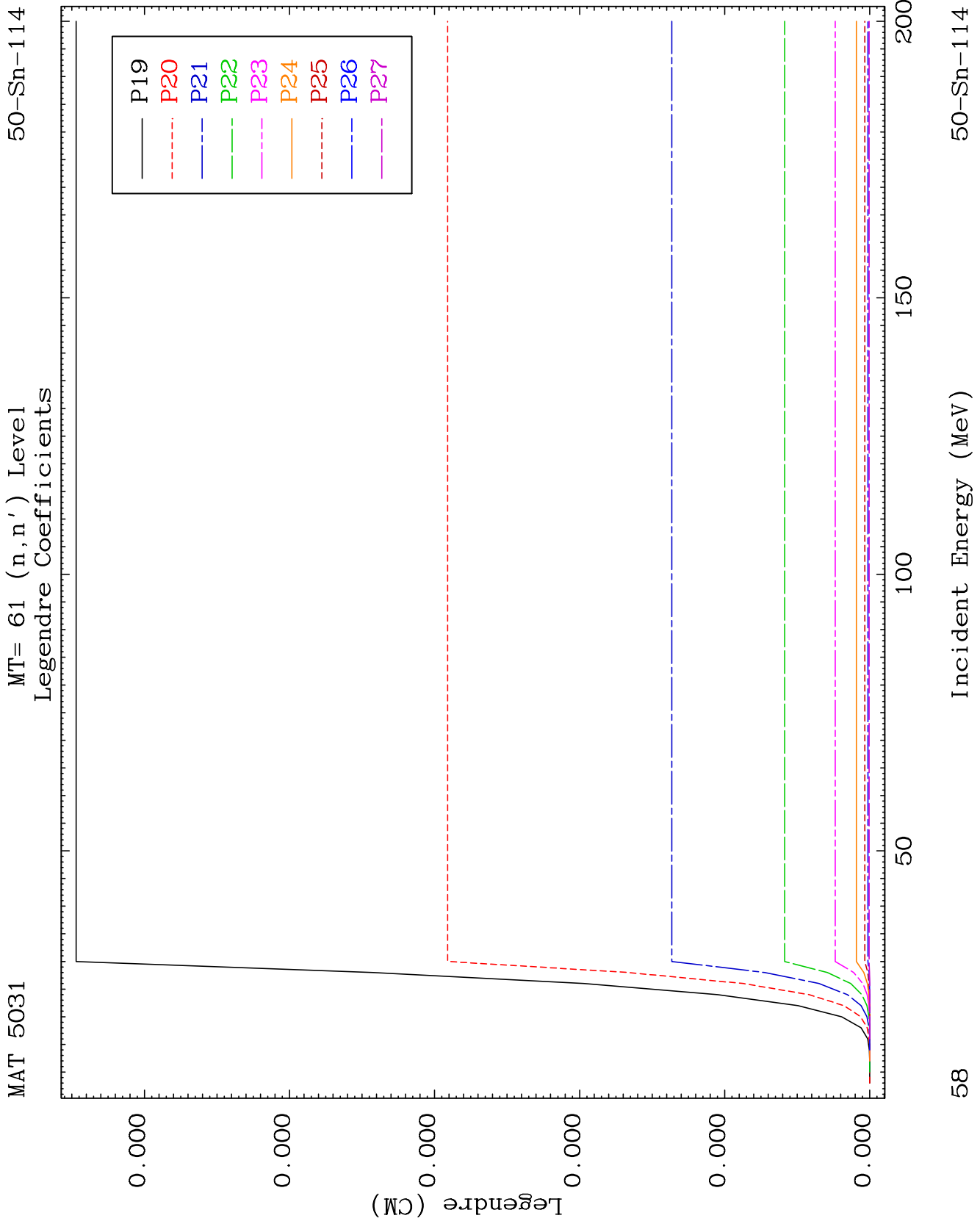
54

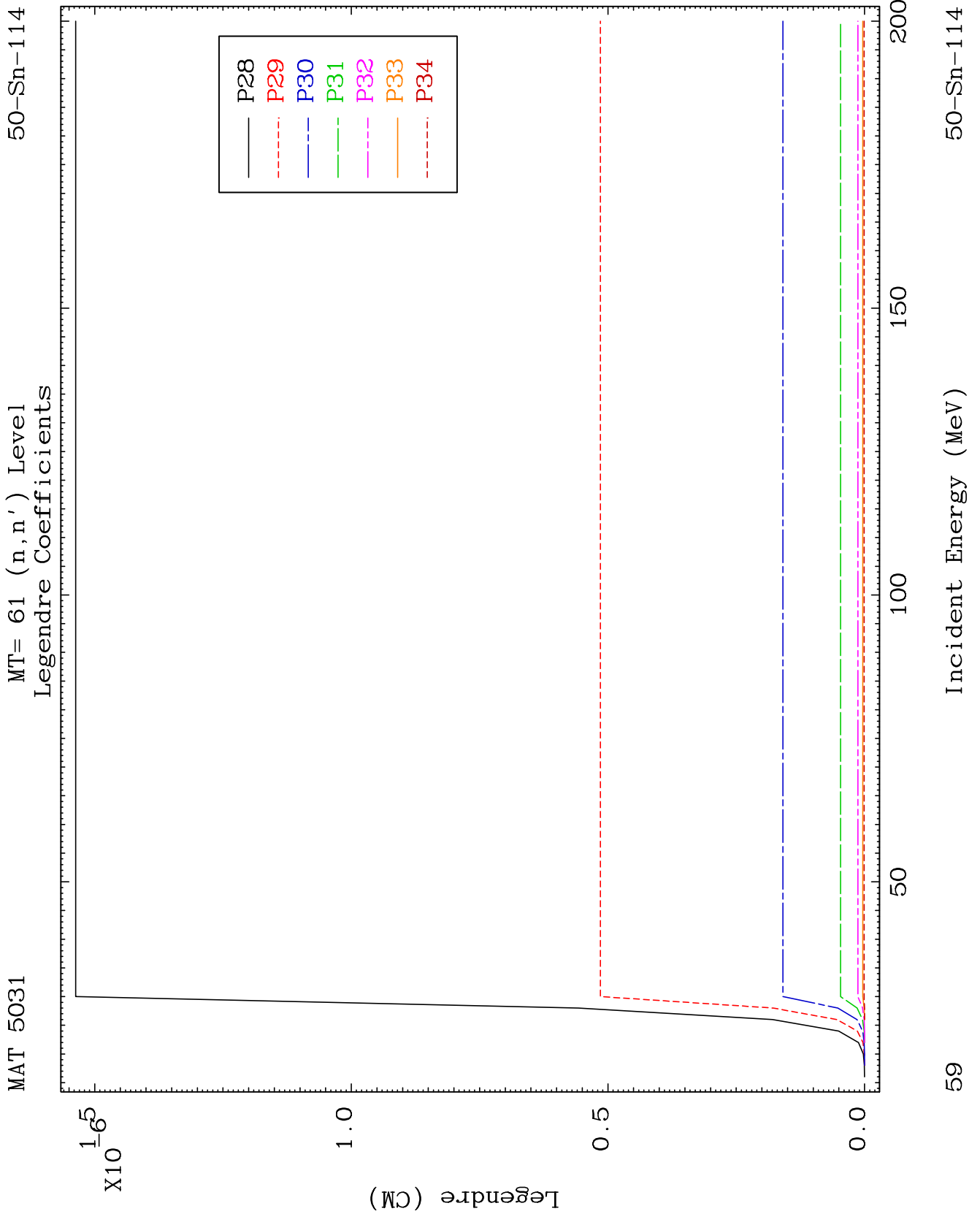
Incident Energy (MeV)

50-Sn-114





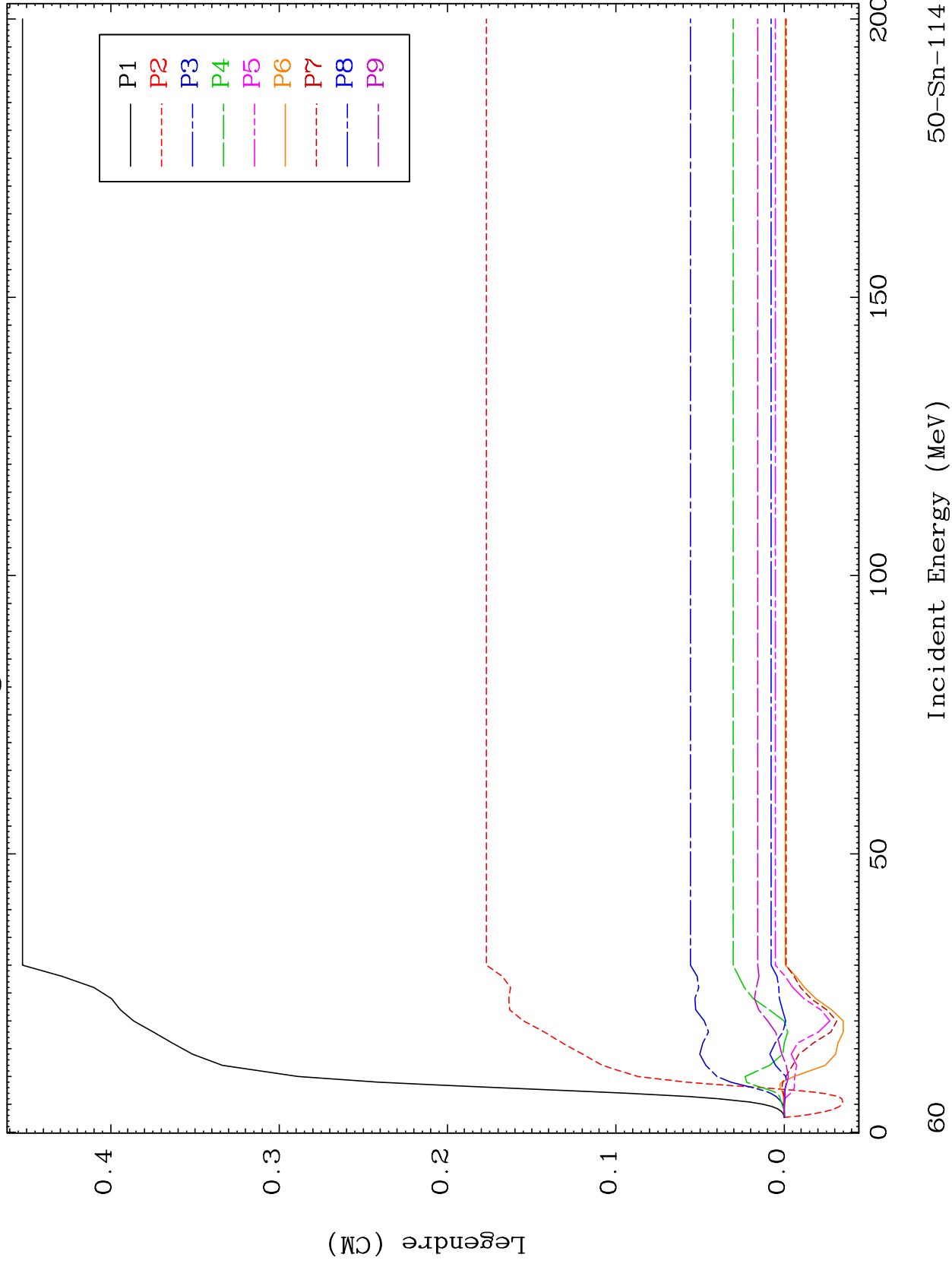




MAT 5031

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

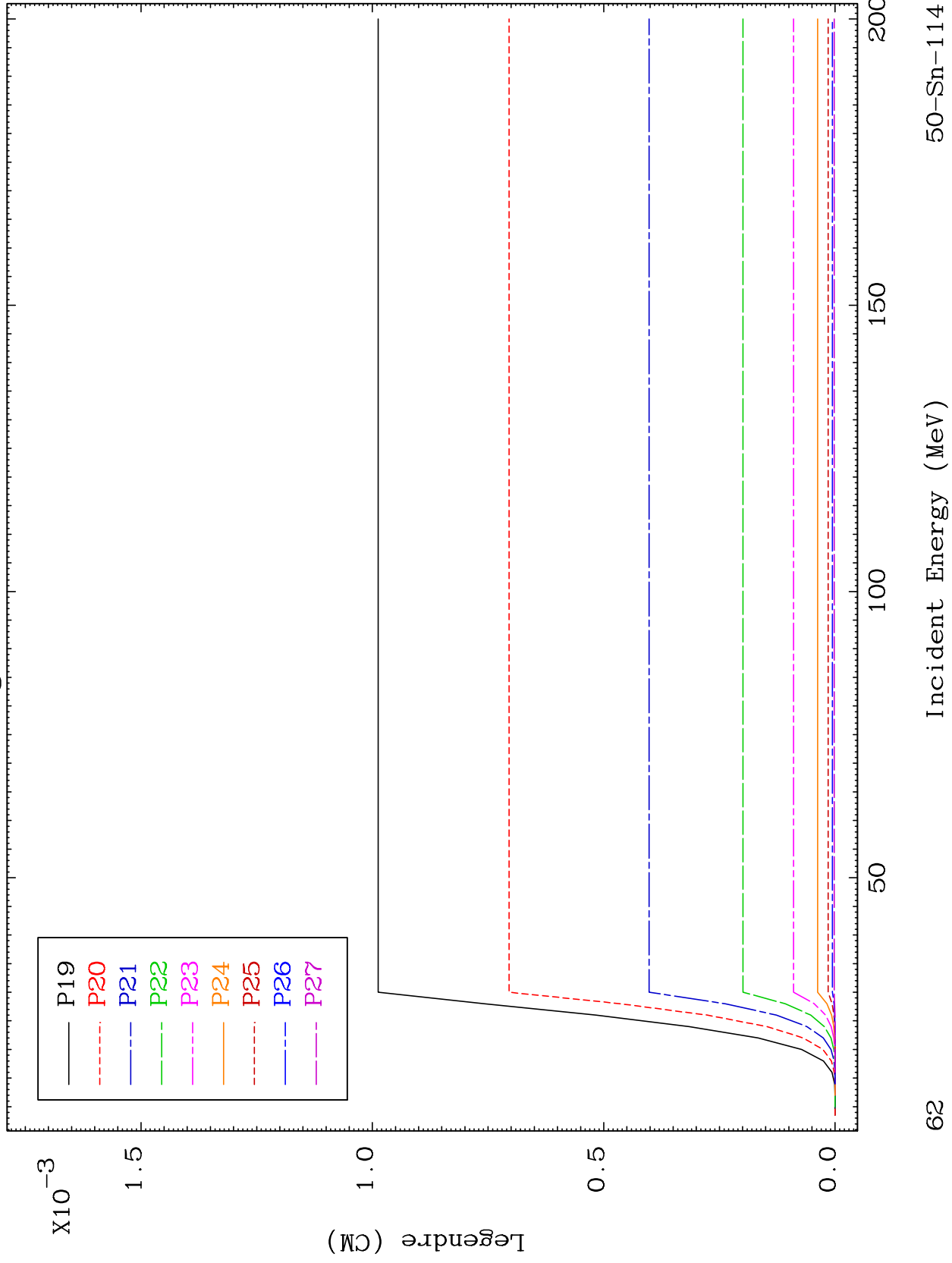
50-Sn-114

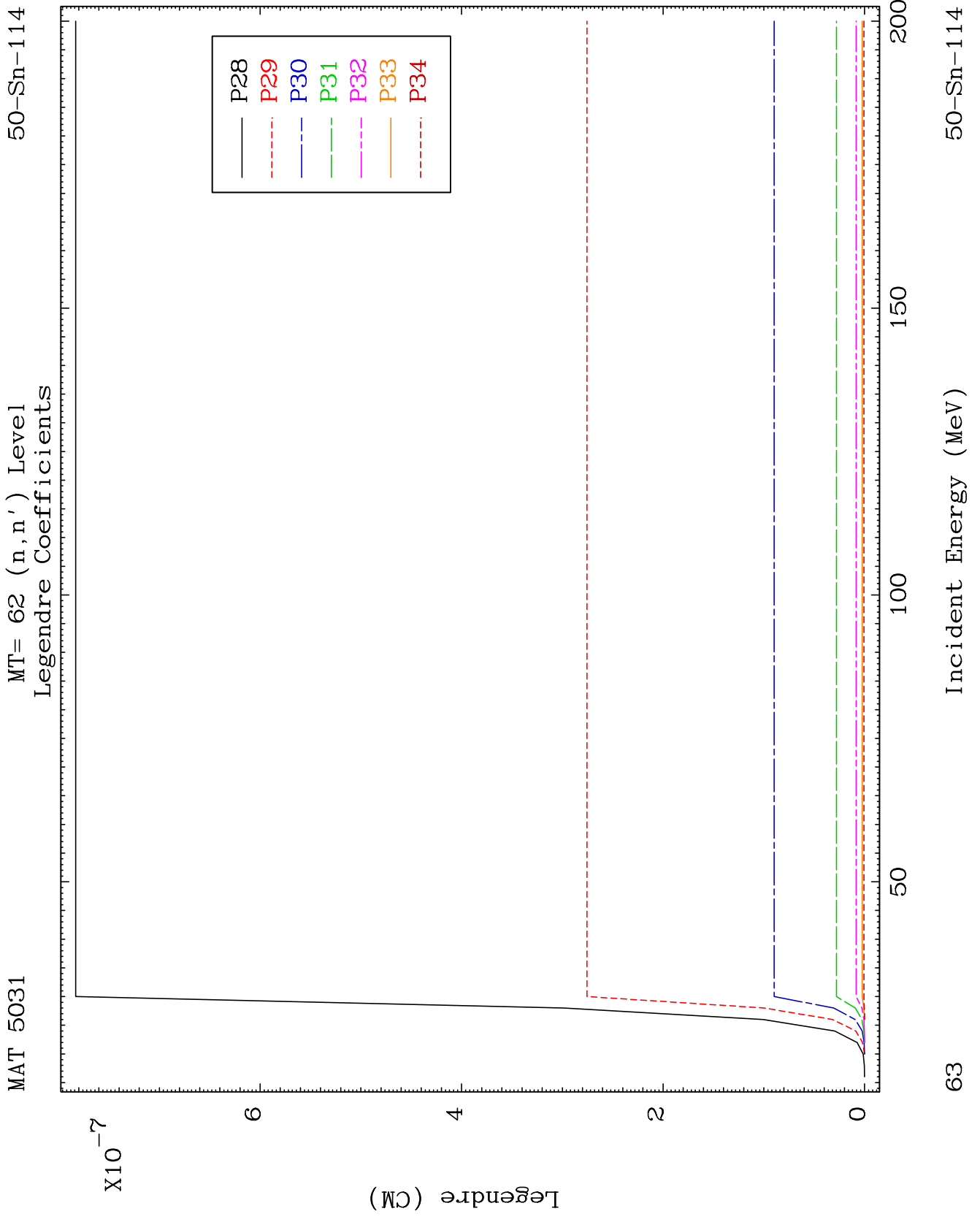


MAT 5031

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

50-Sn-114

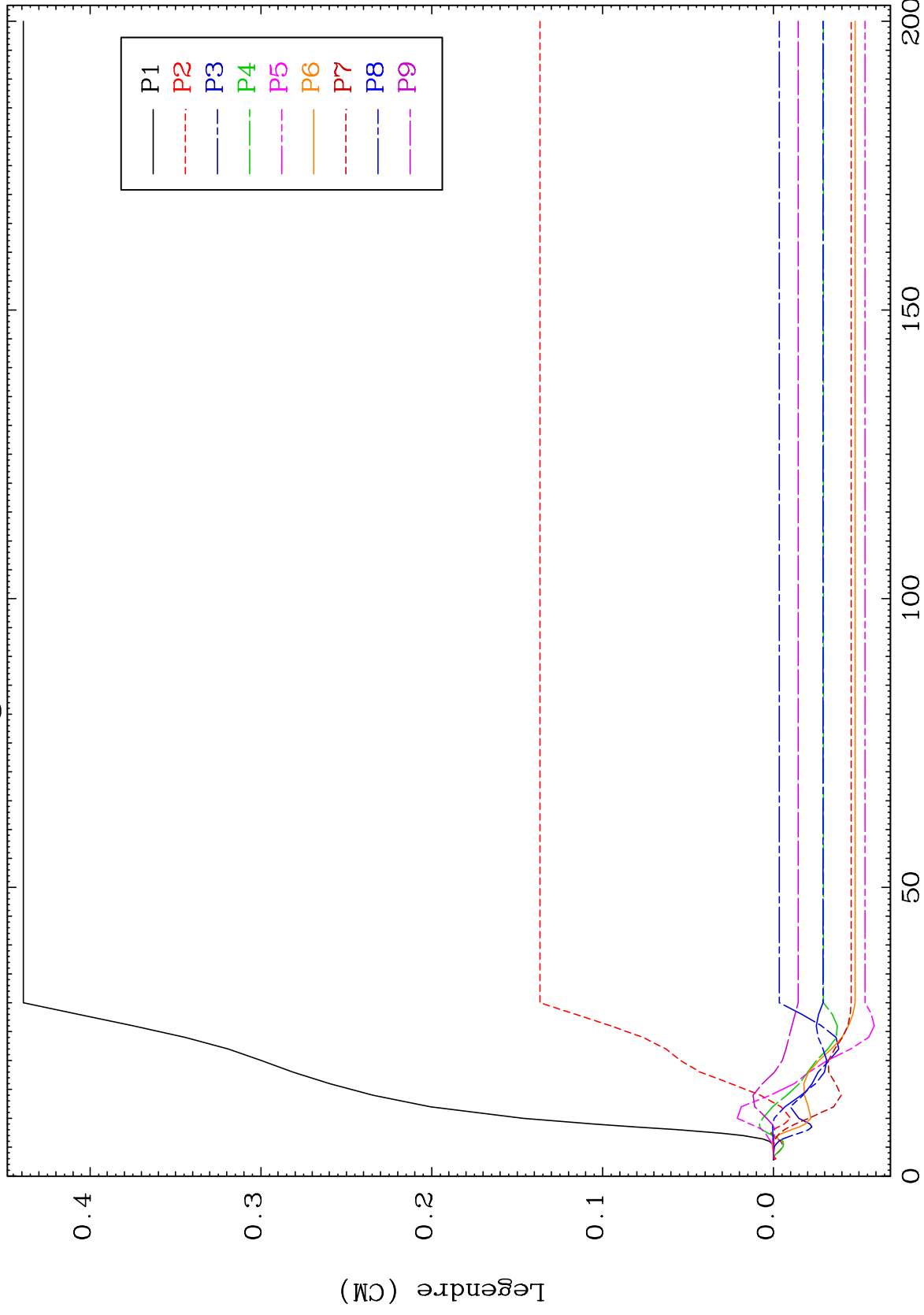




MAT 5031

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

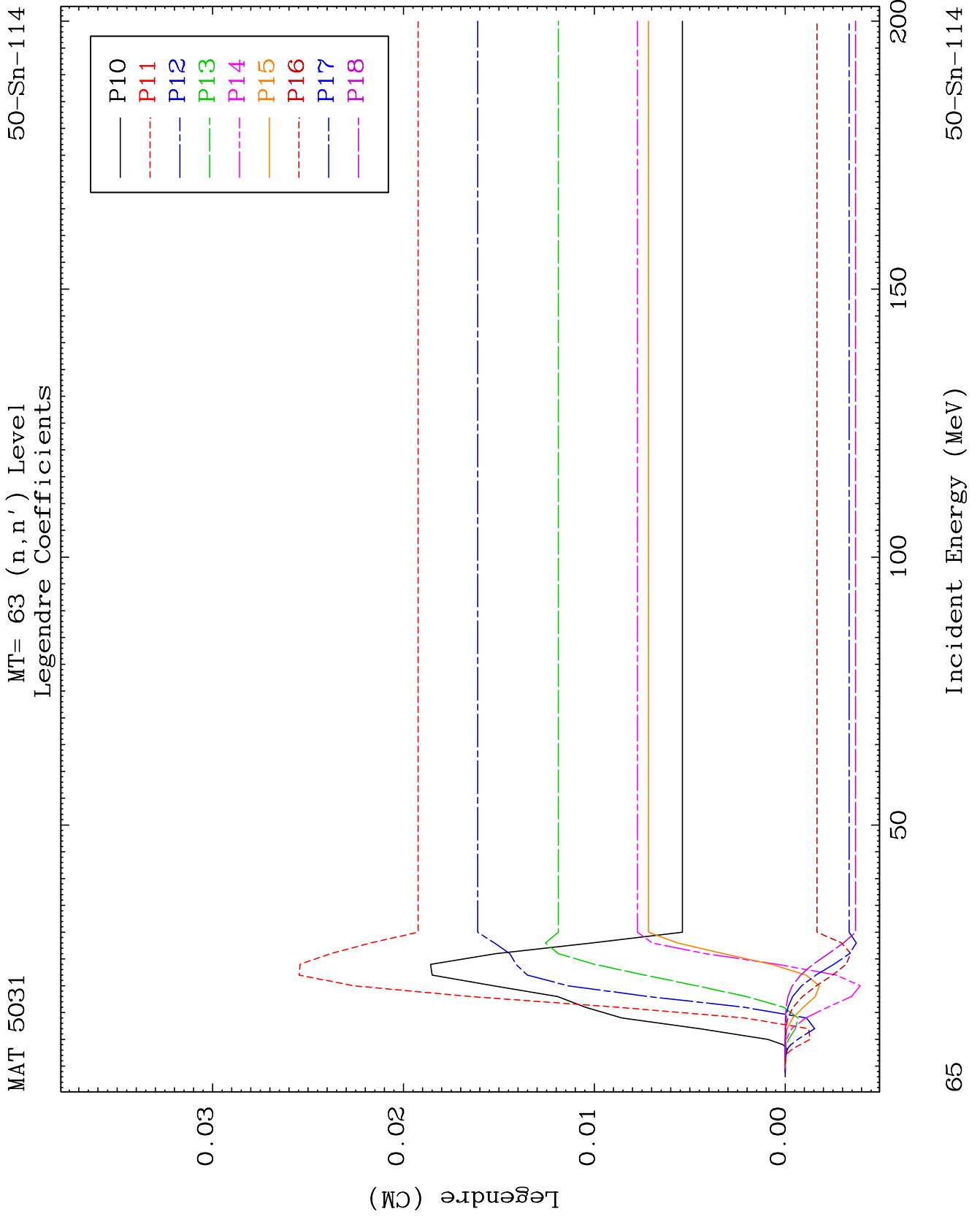
50-Sn-114

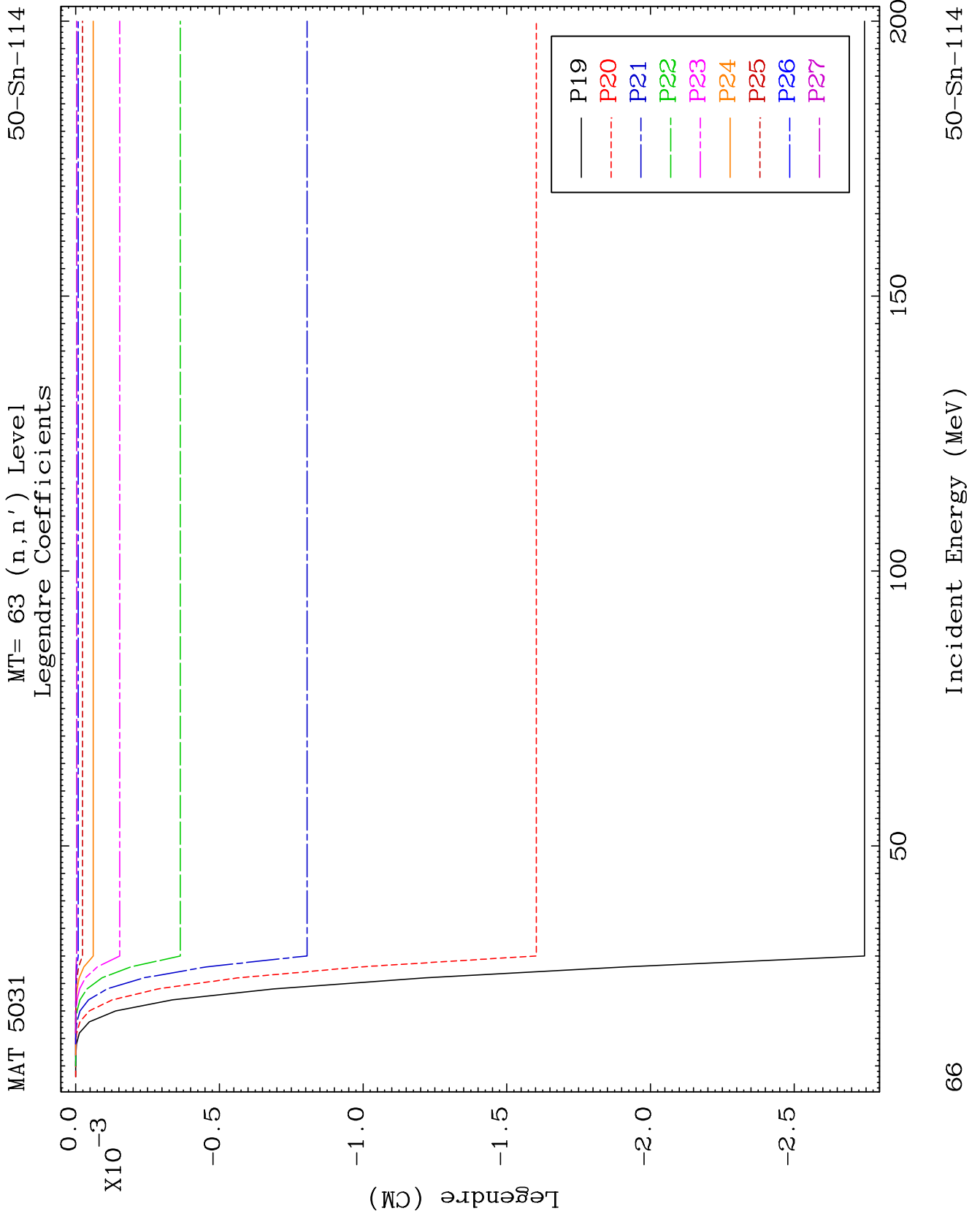


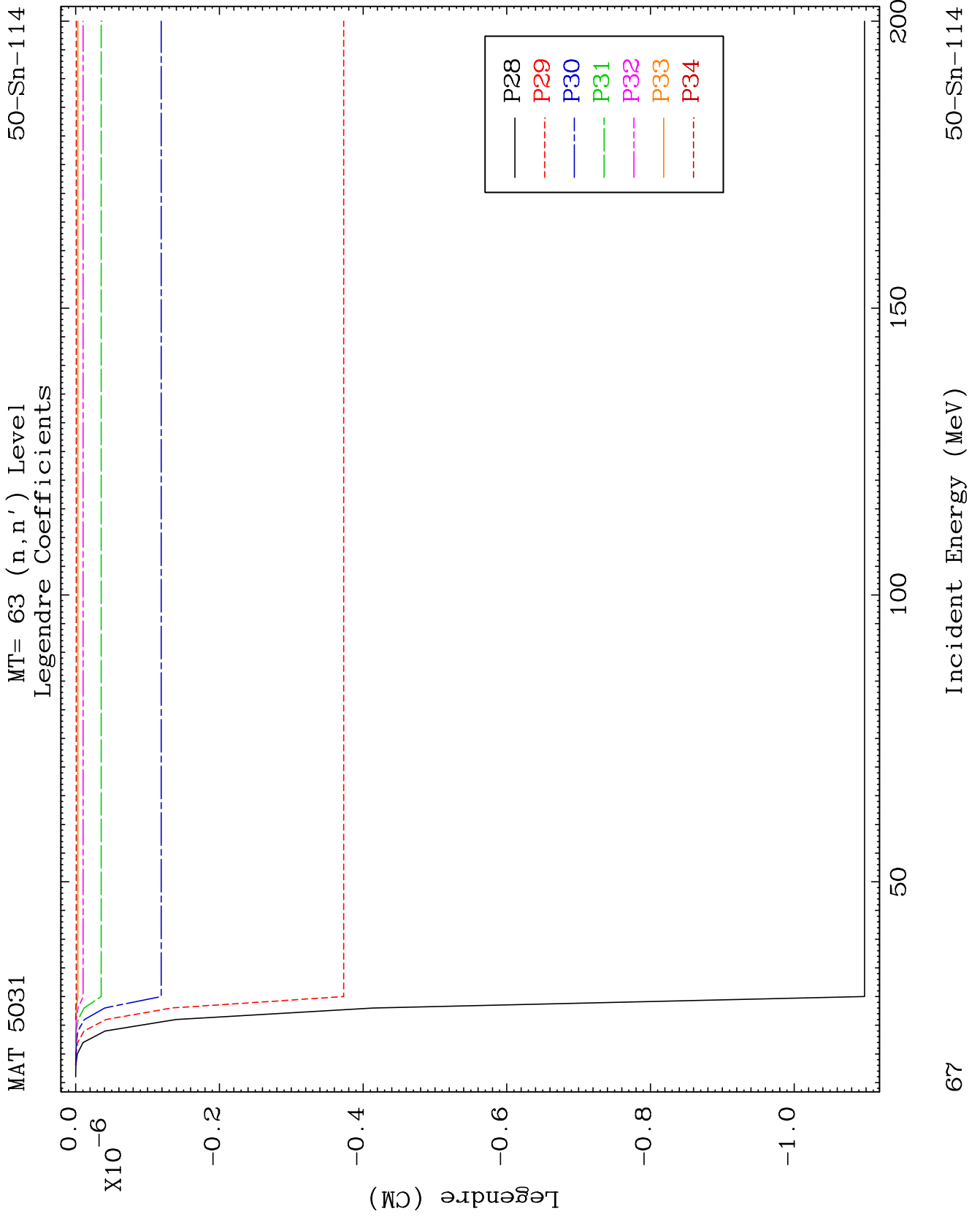
64

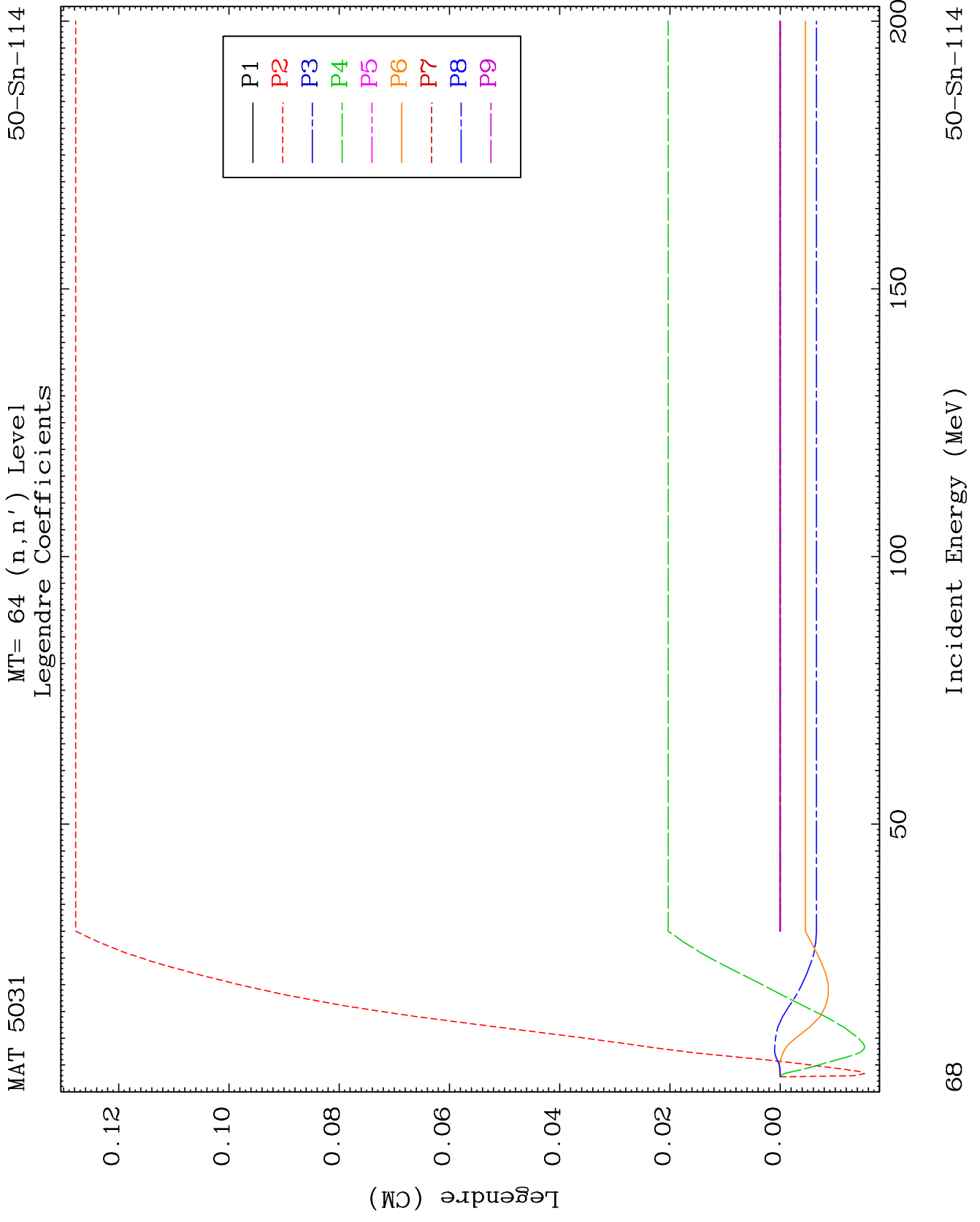
Incident Energy (MeV)

50-Sn-114





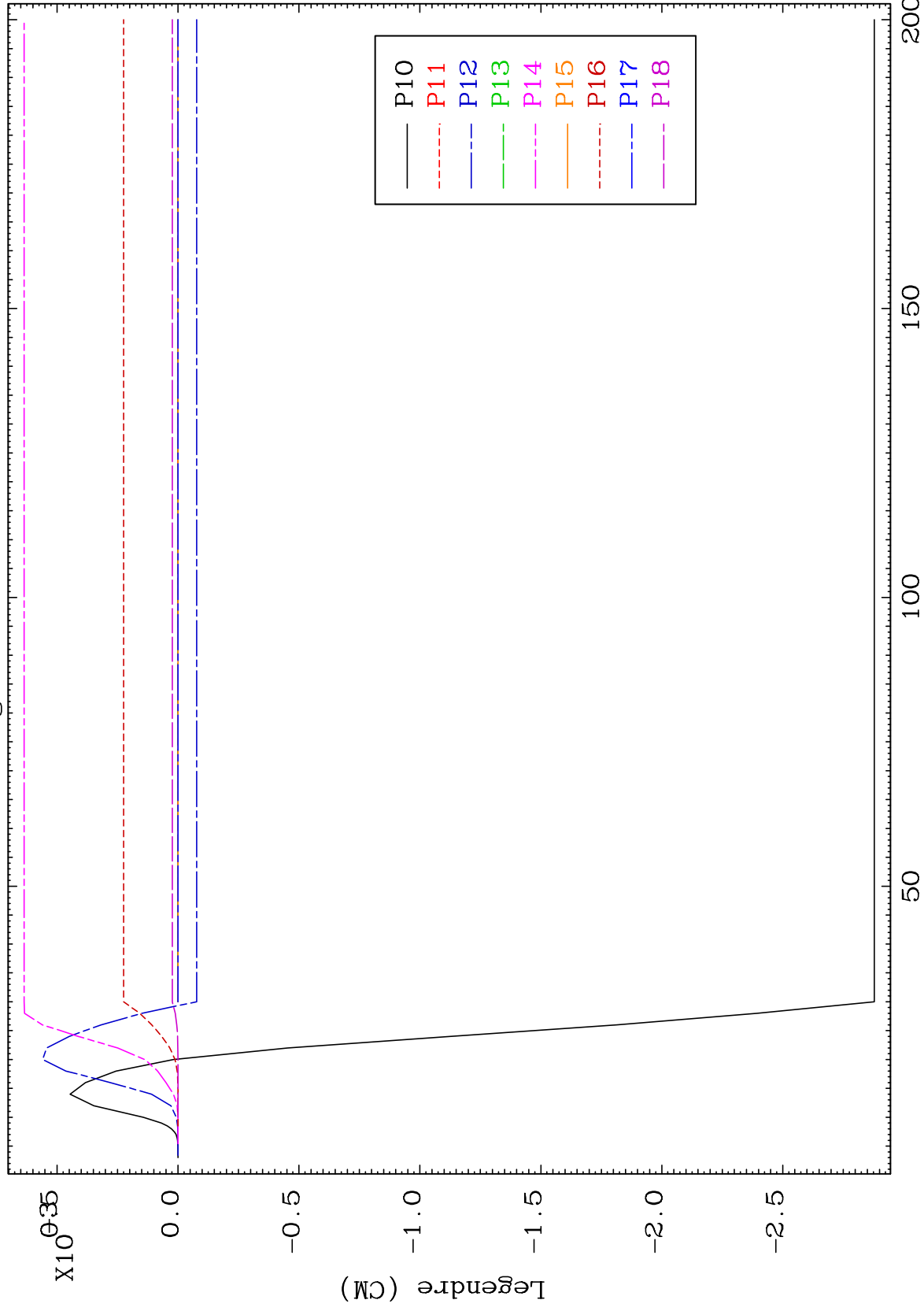


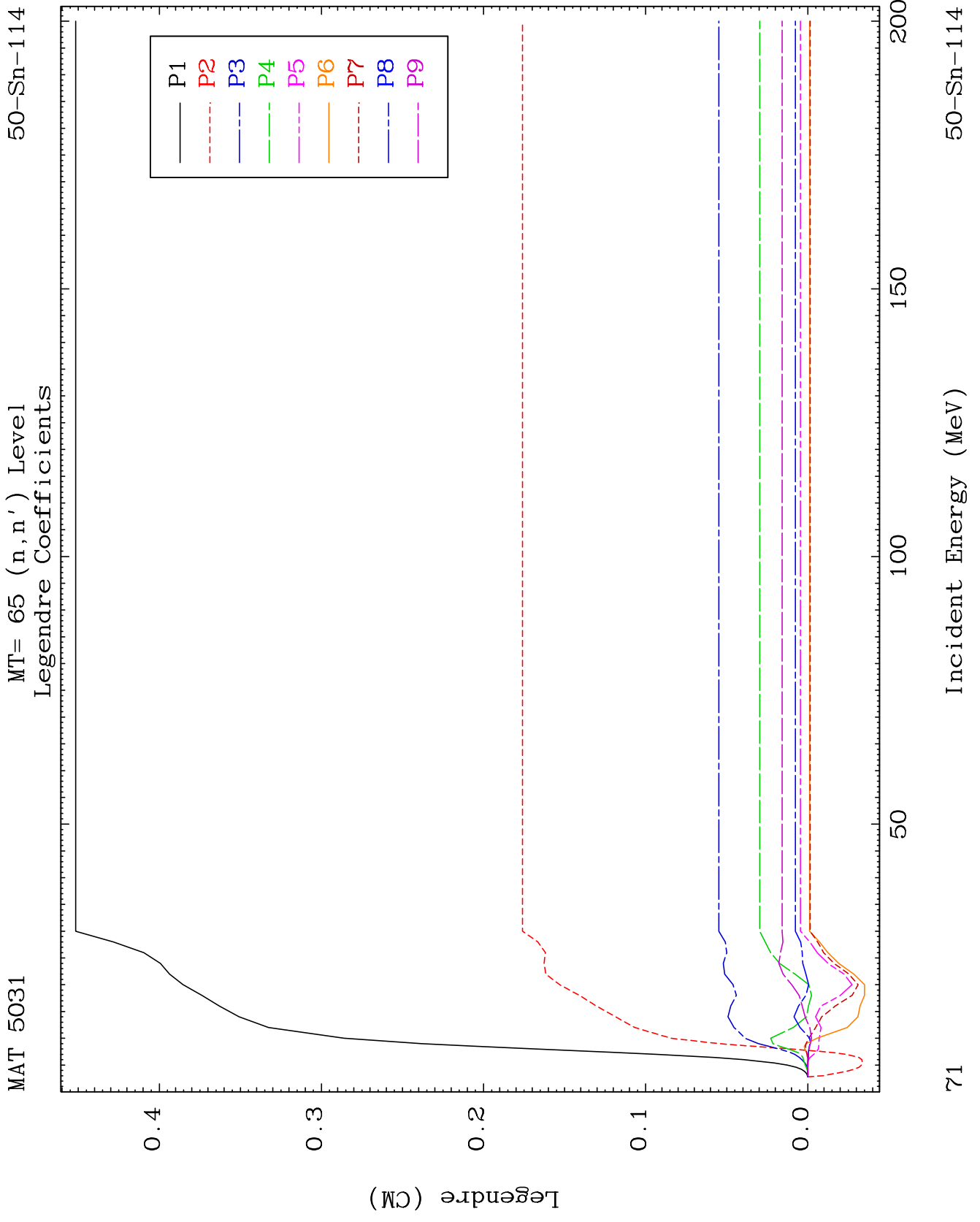


MAT 5031

50-Sn-114

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

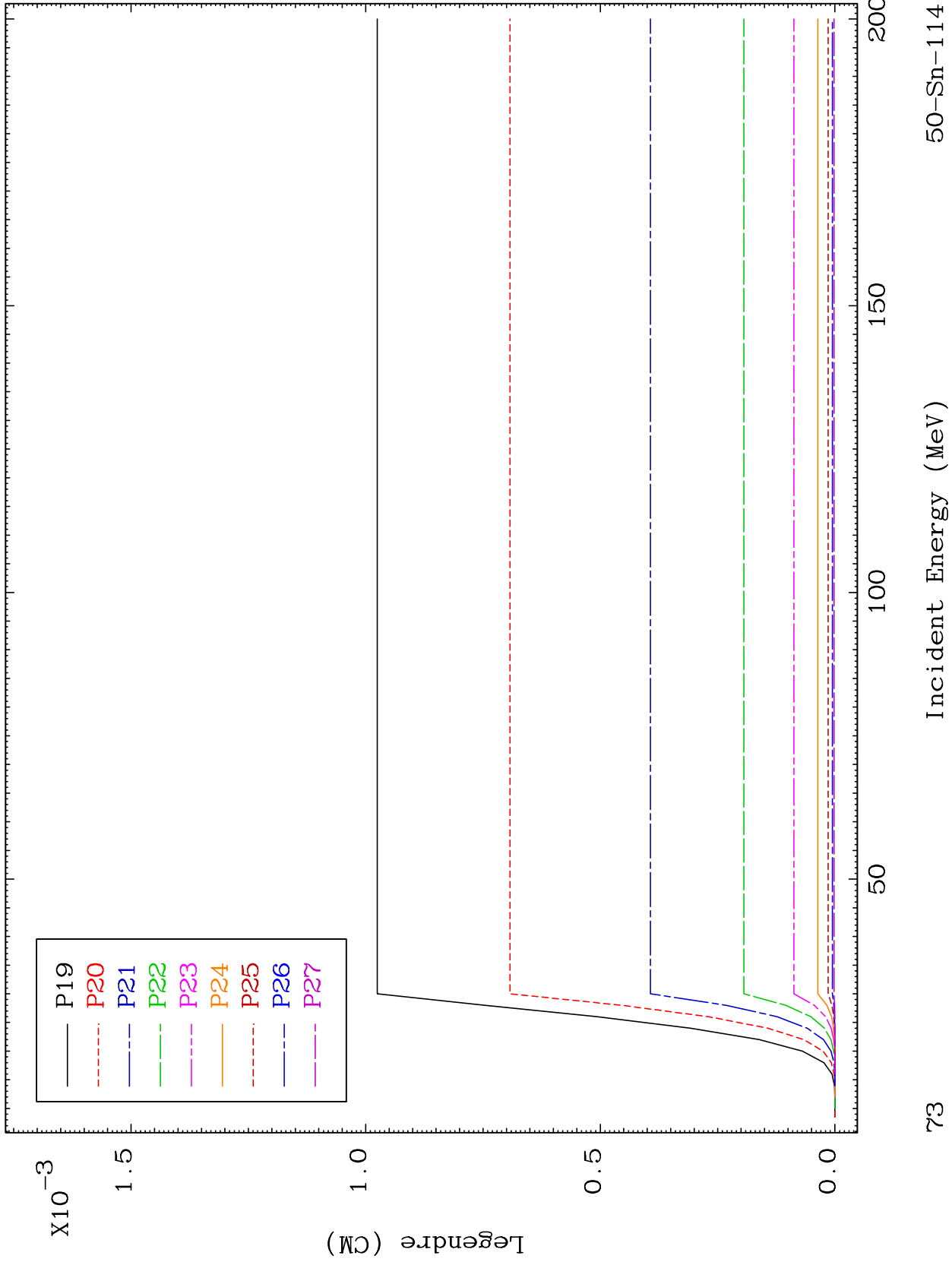


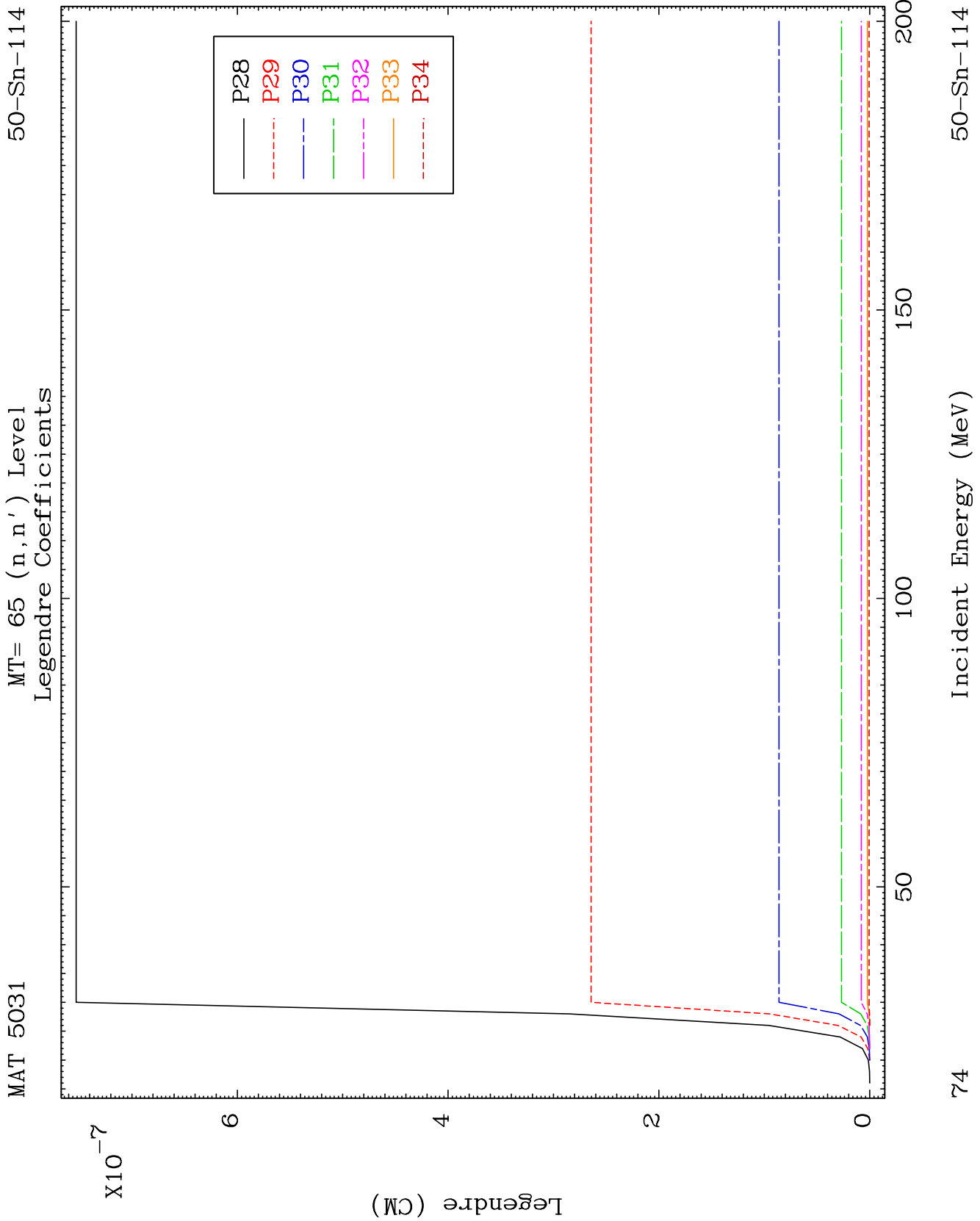


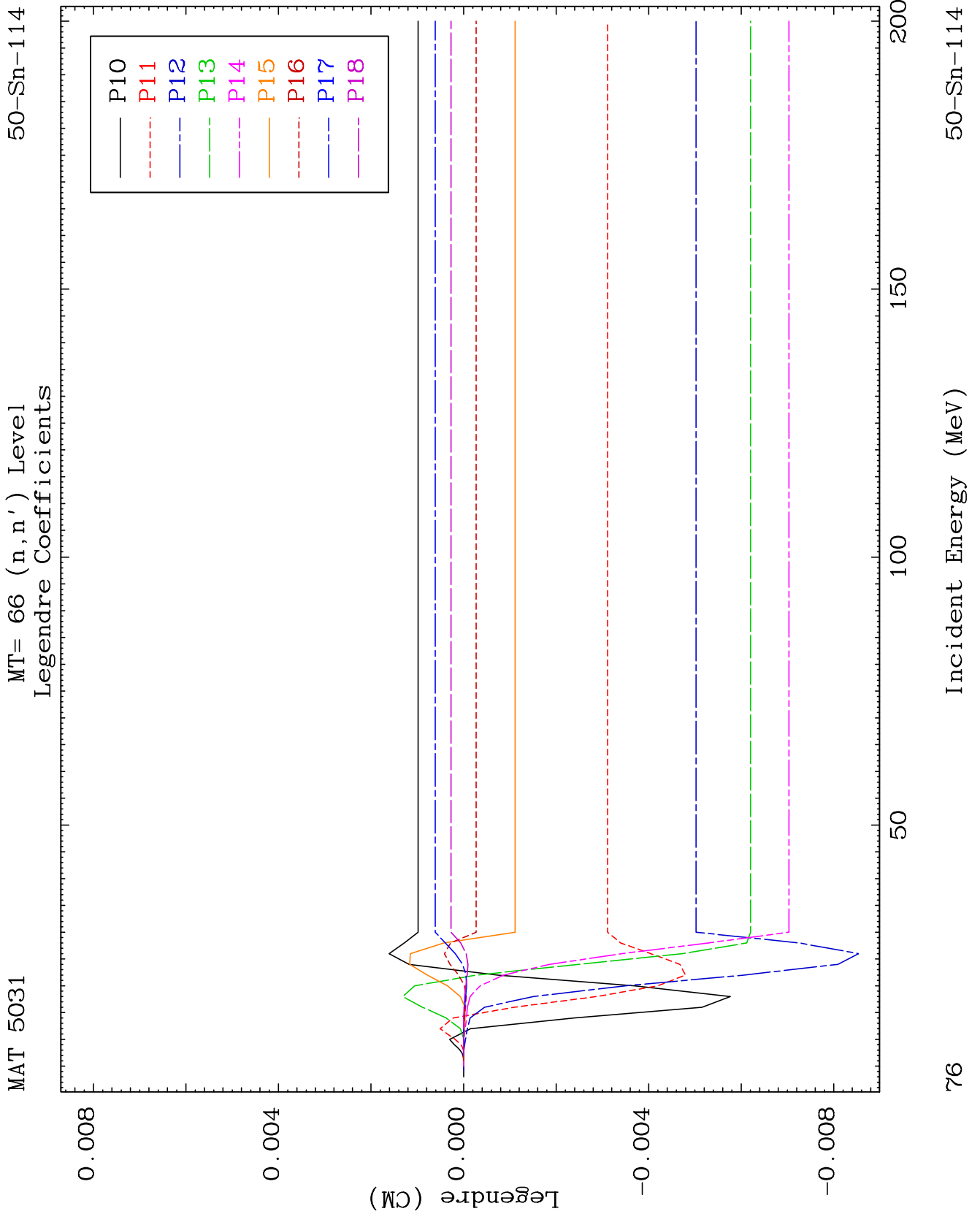
MAT 5031

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

50-Sn-114



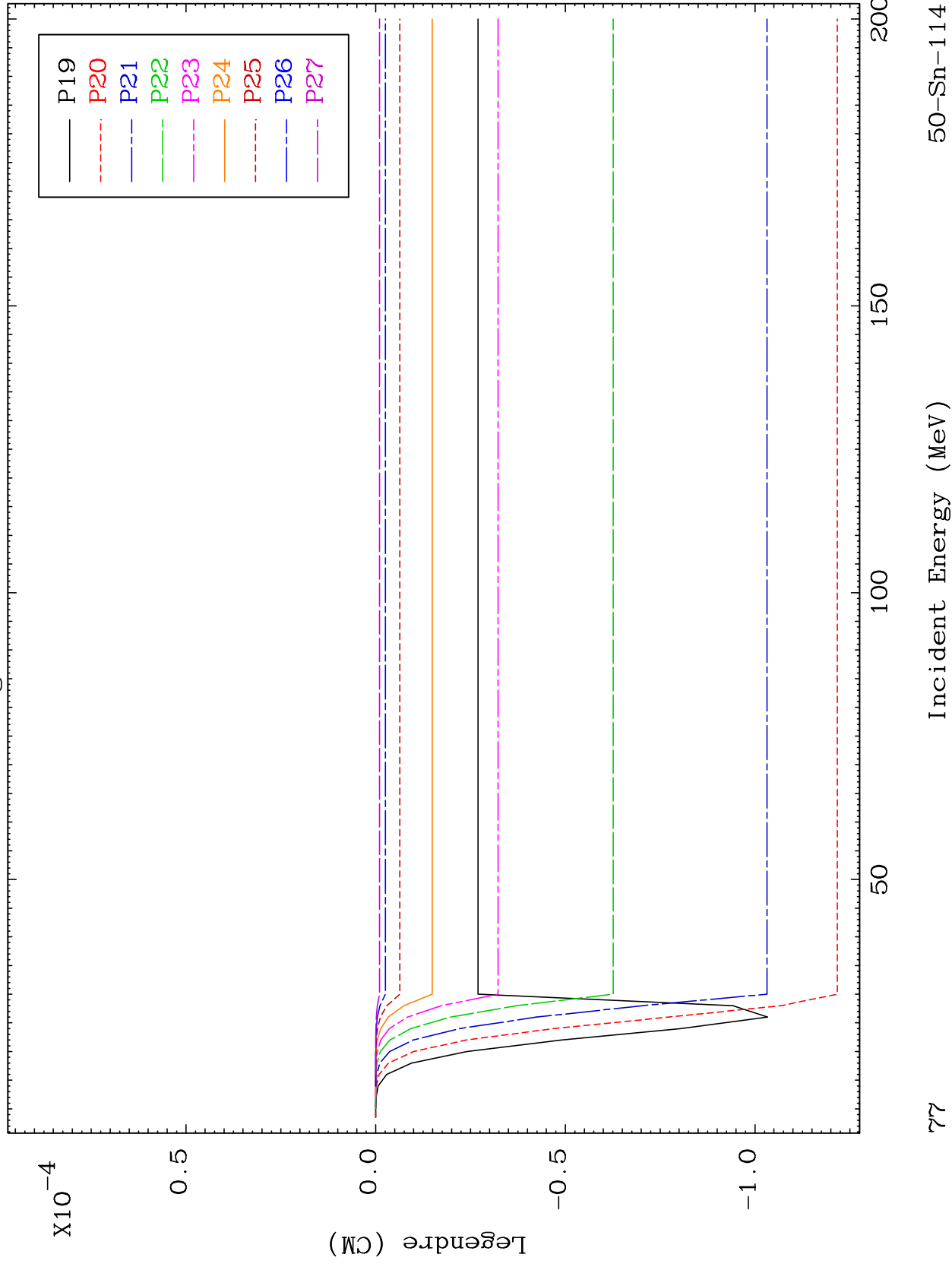




MAT 5031

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

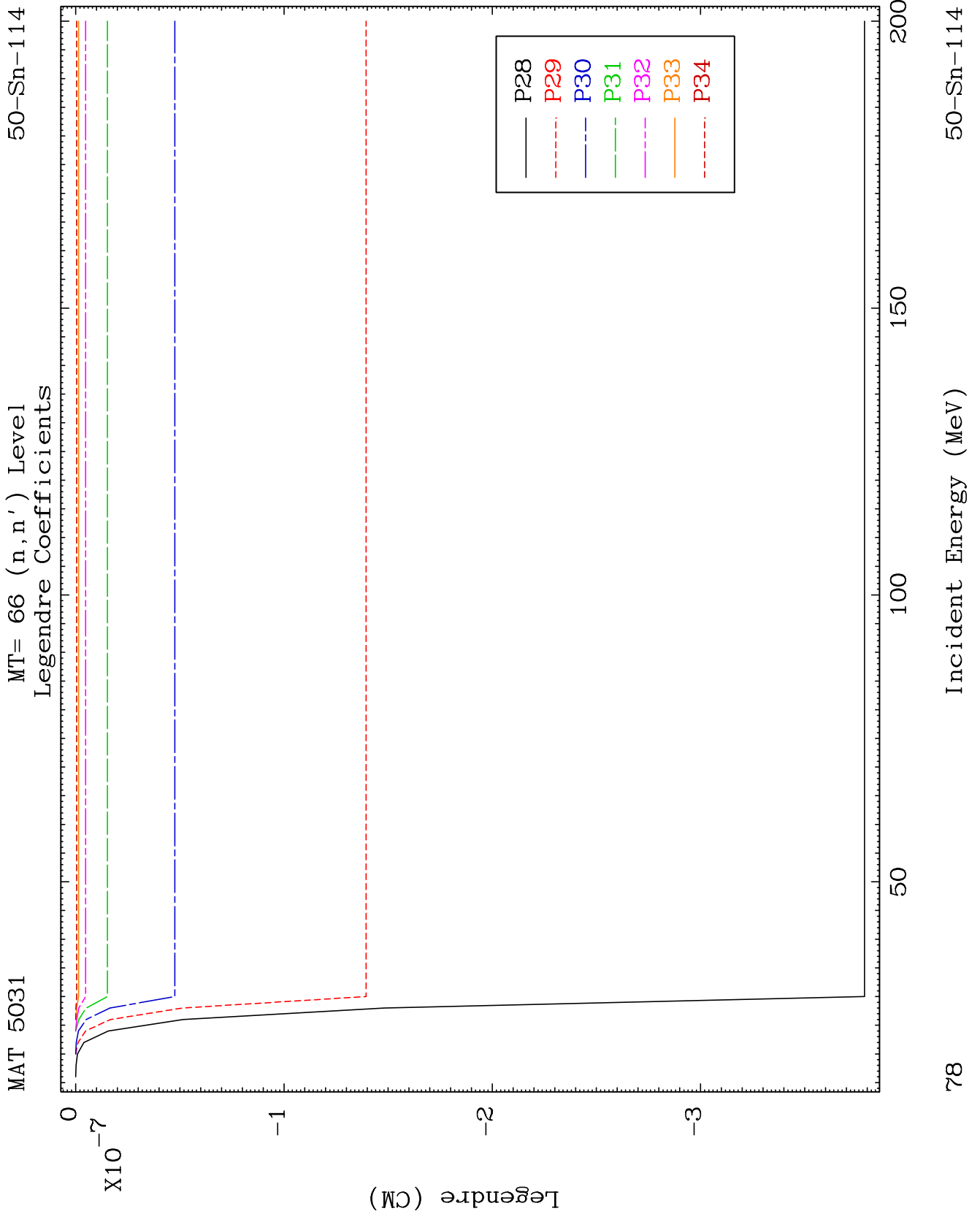
50-Sn-114

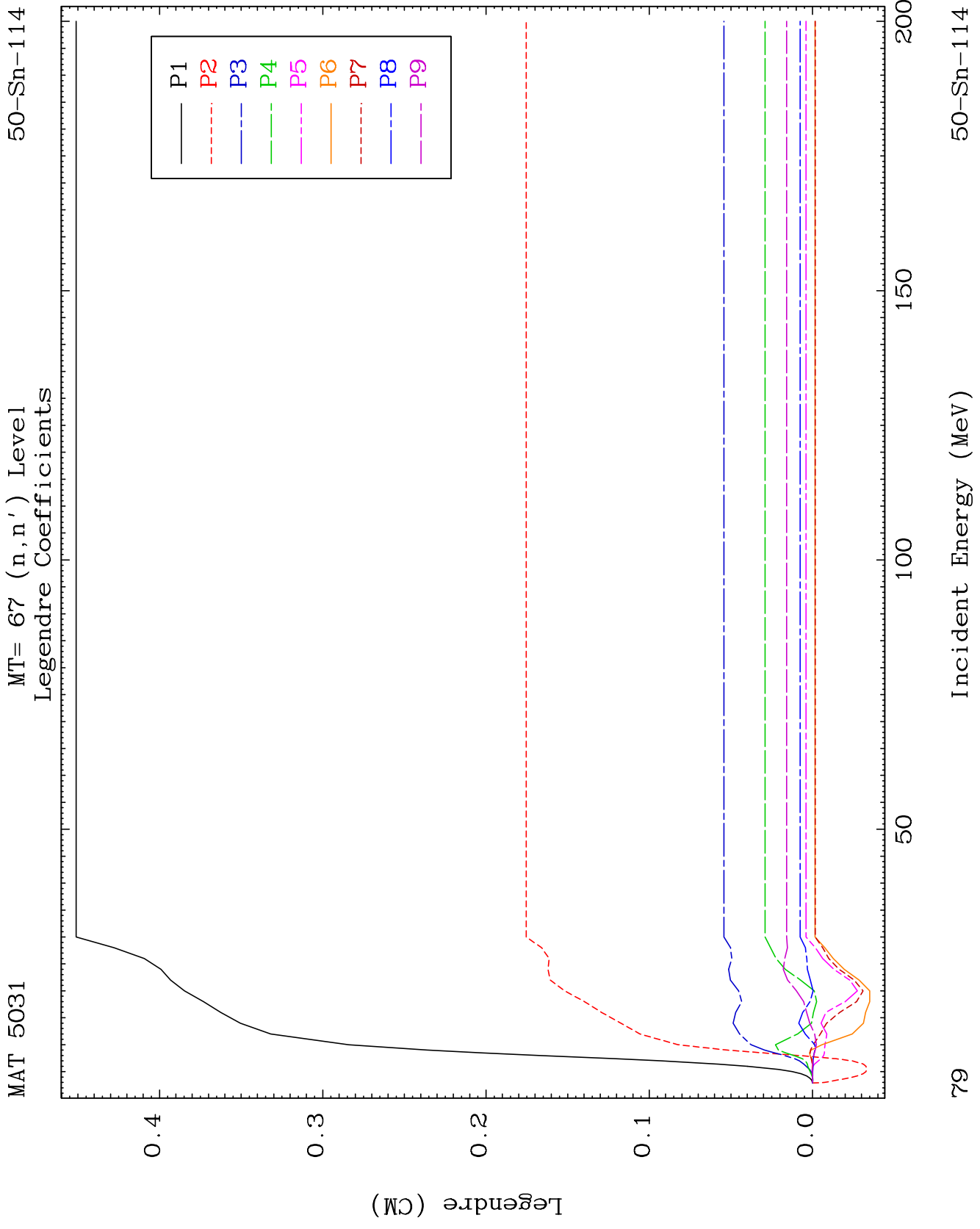


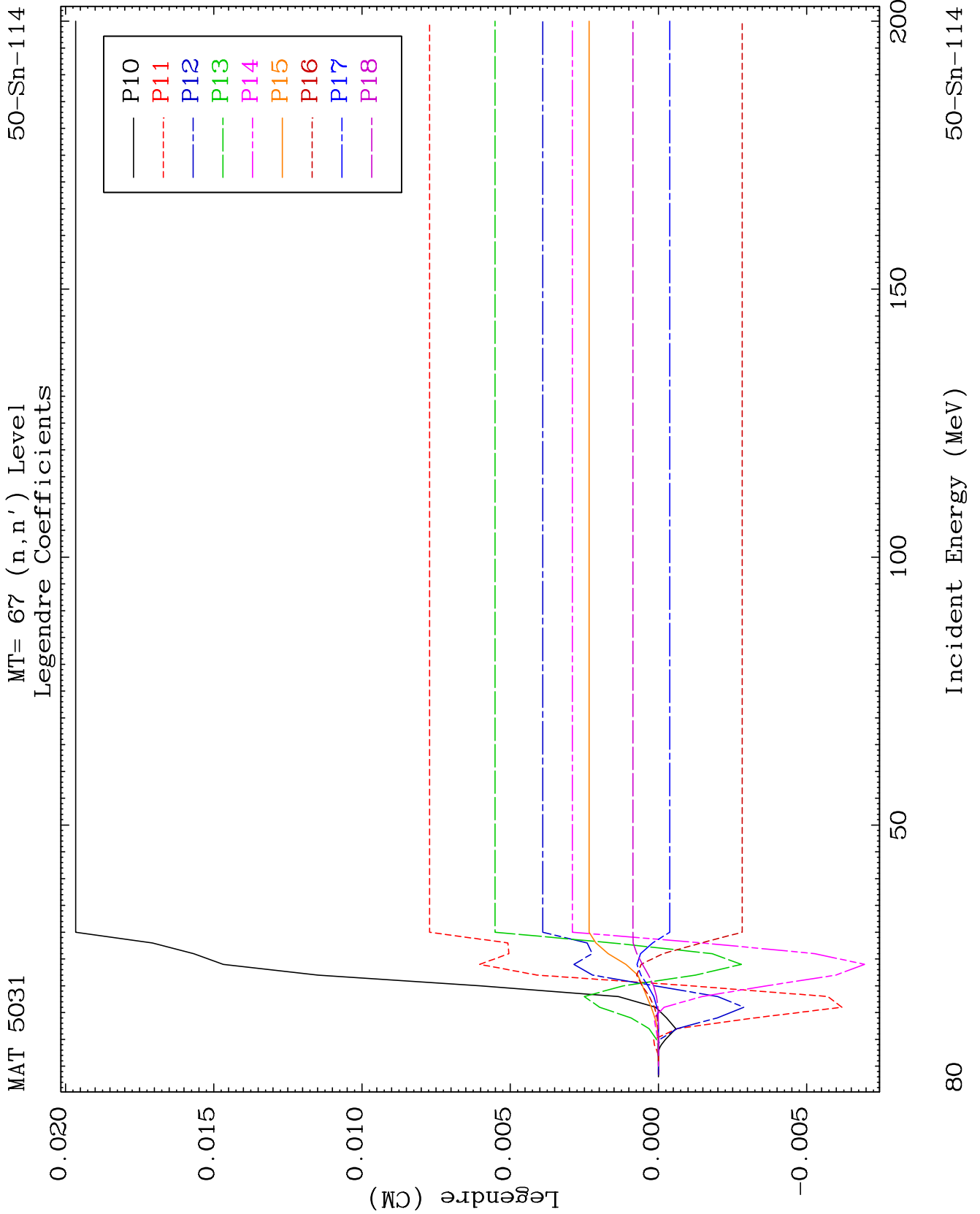
77

Incident Energy (MeV)

50-Sn-114



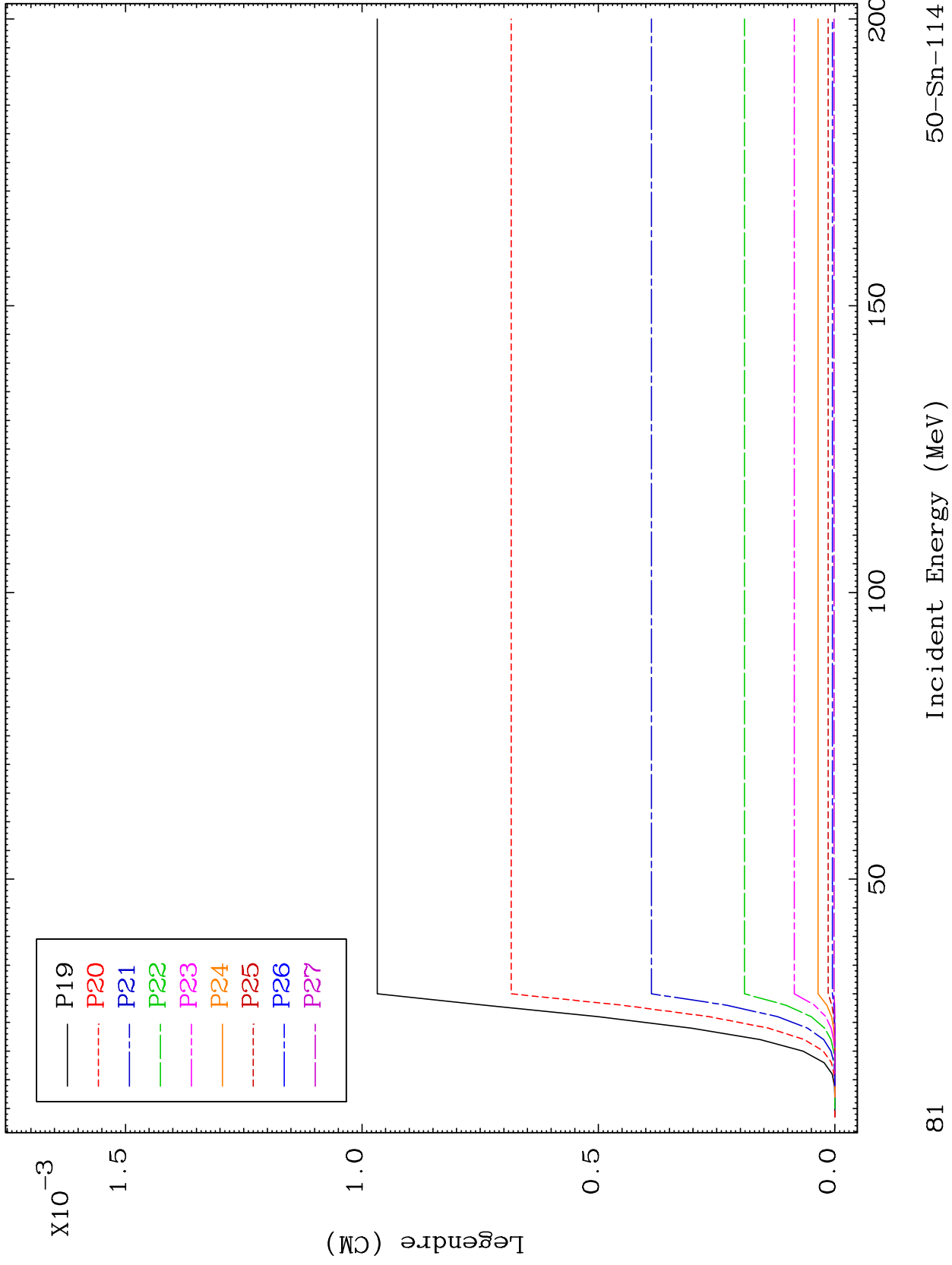




MAT 5031

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

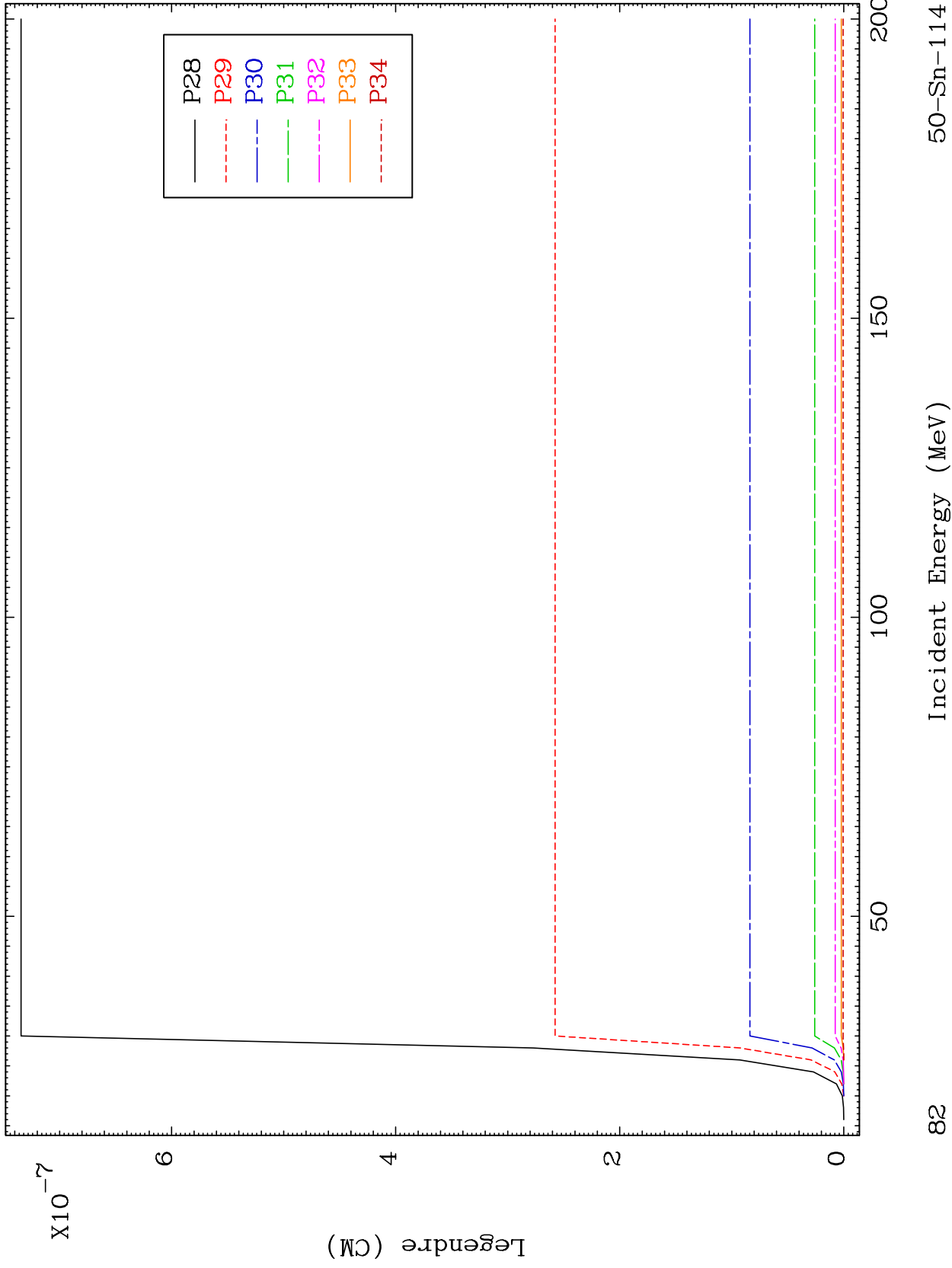
50-Sn-114



MAT 5031

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

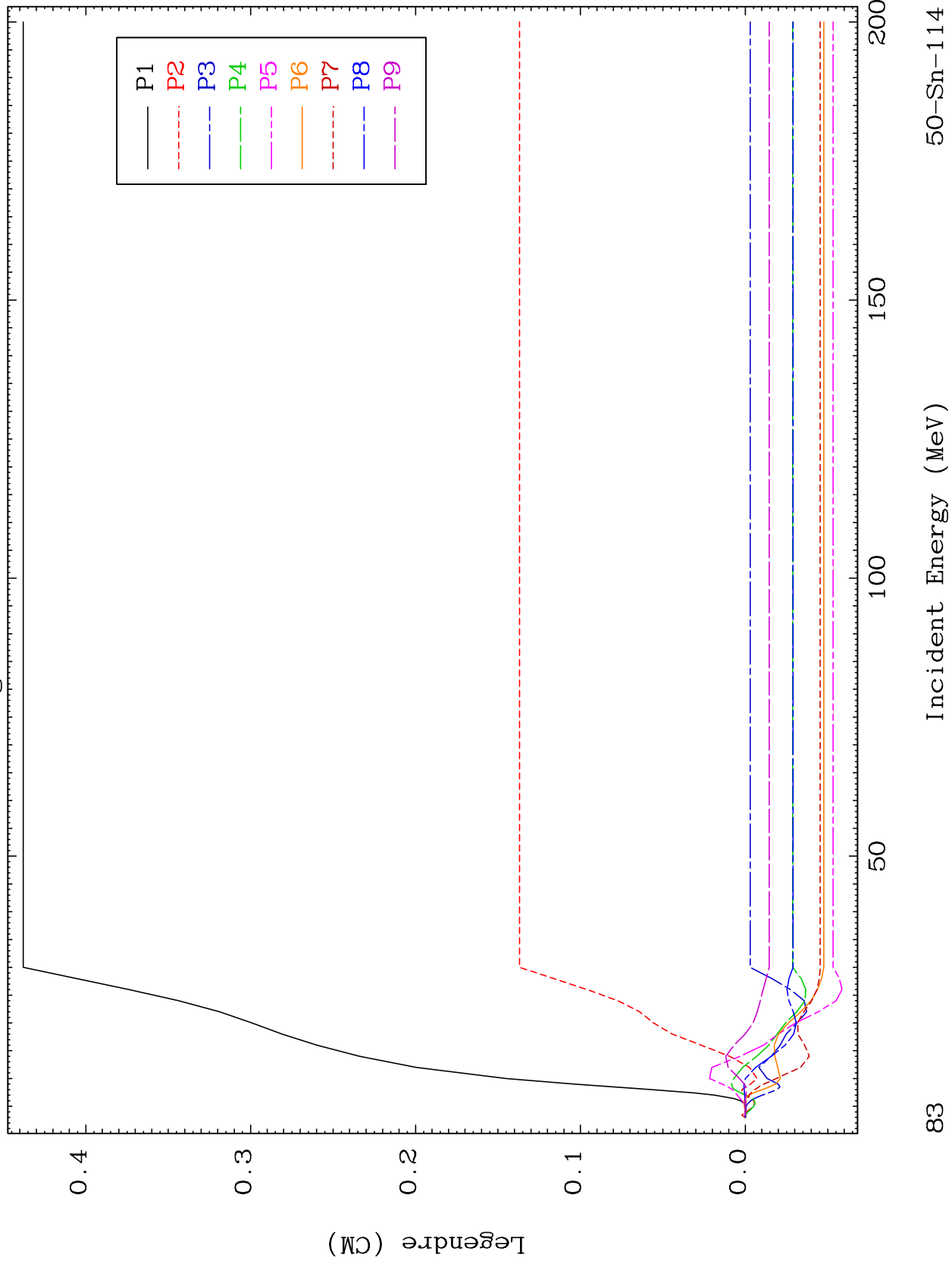
50-Sn-114

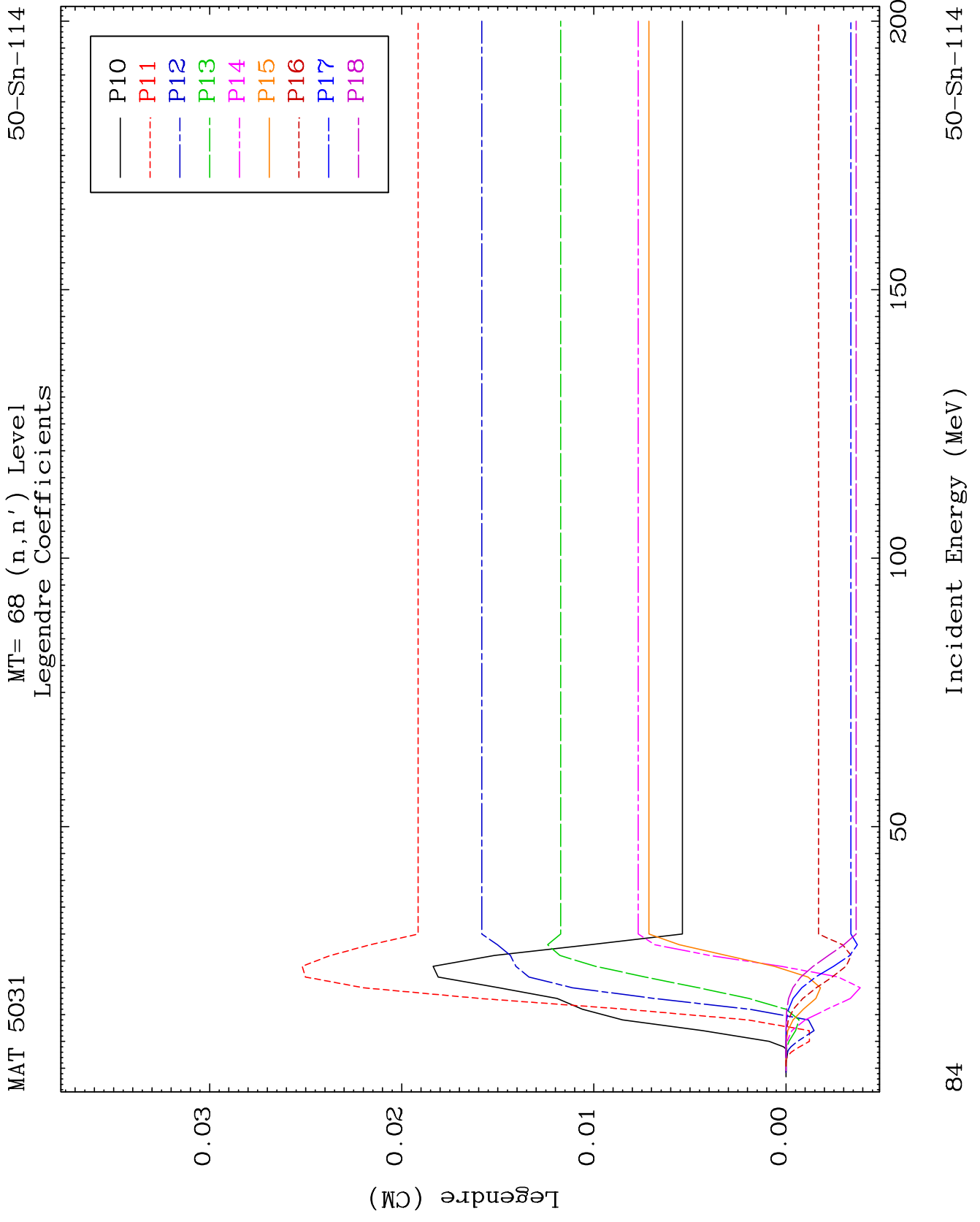


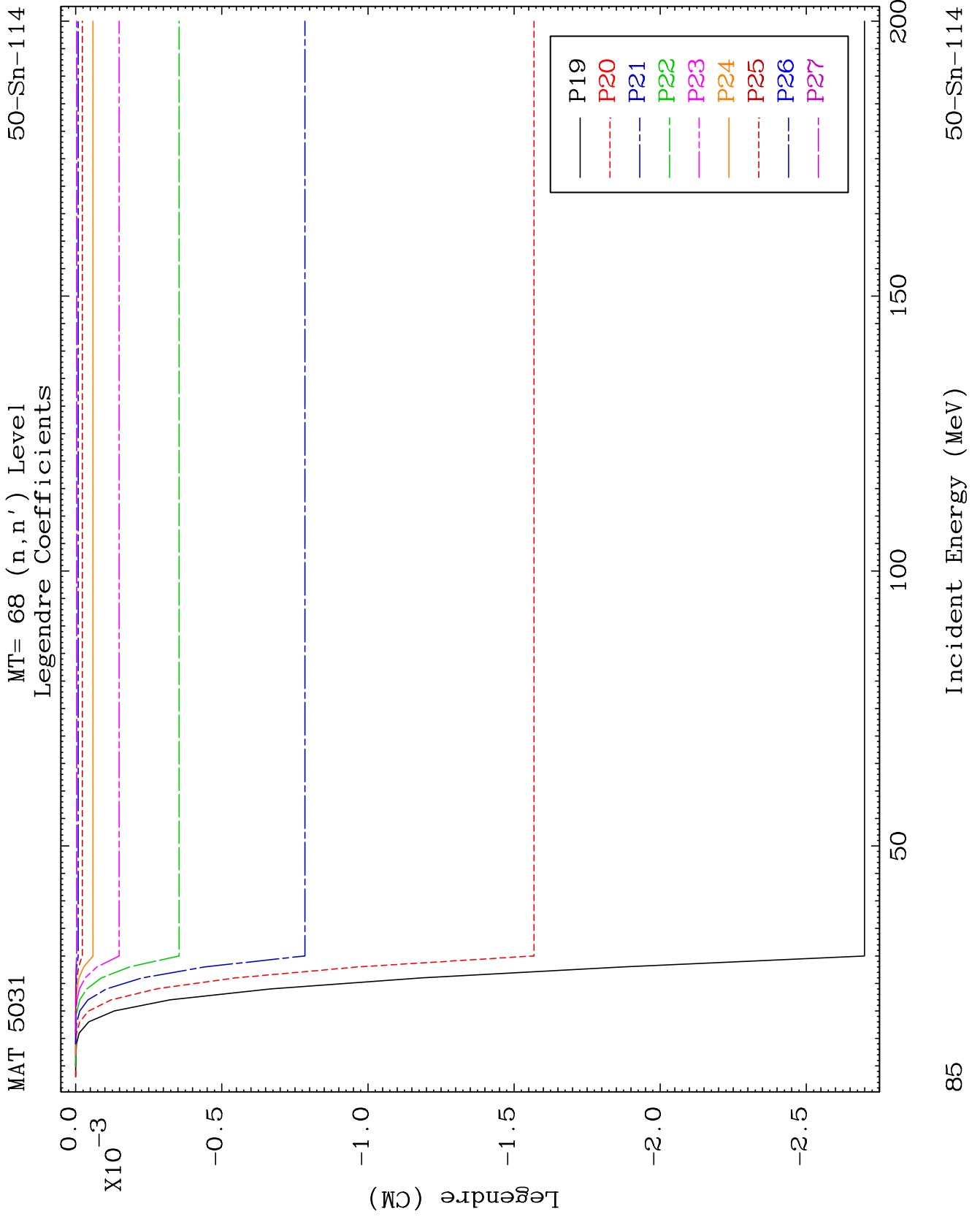
82

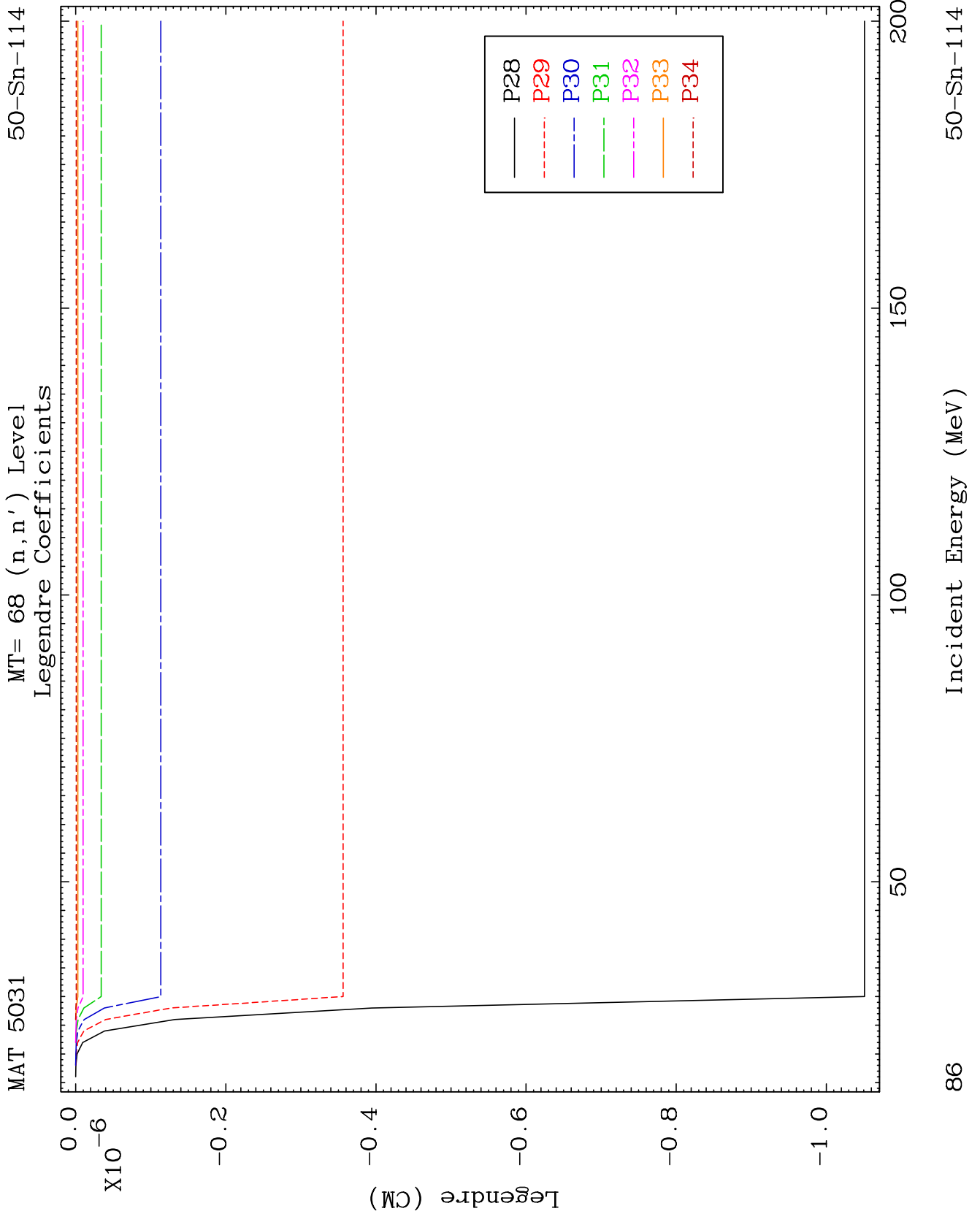
Incident Energy (MeV)

50-Sn-114





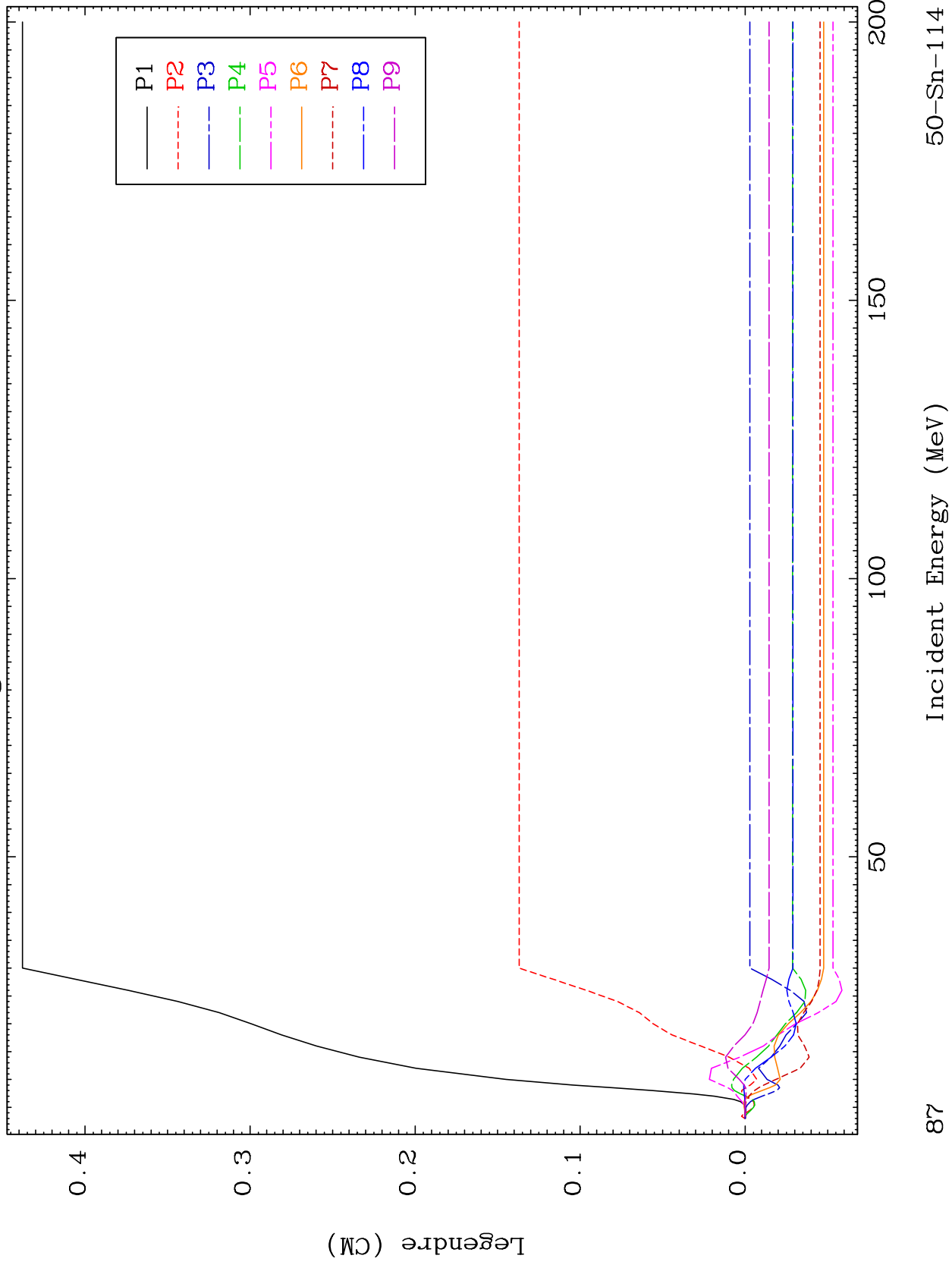




MAT 5031

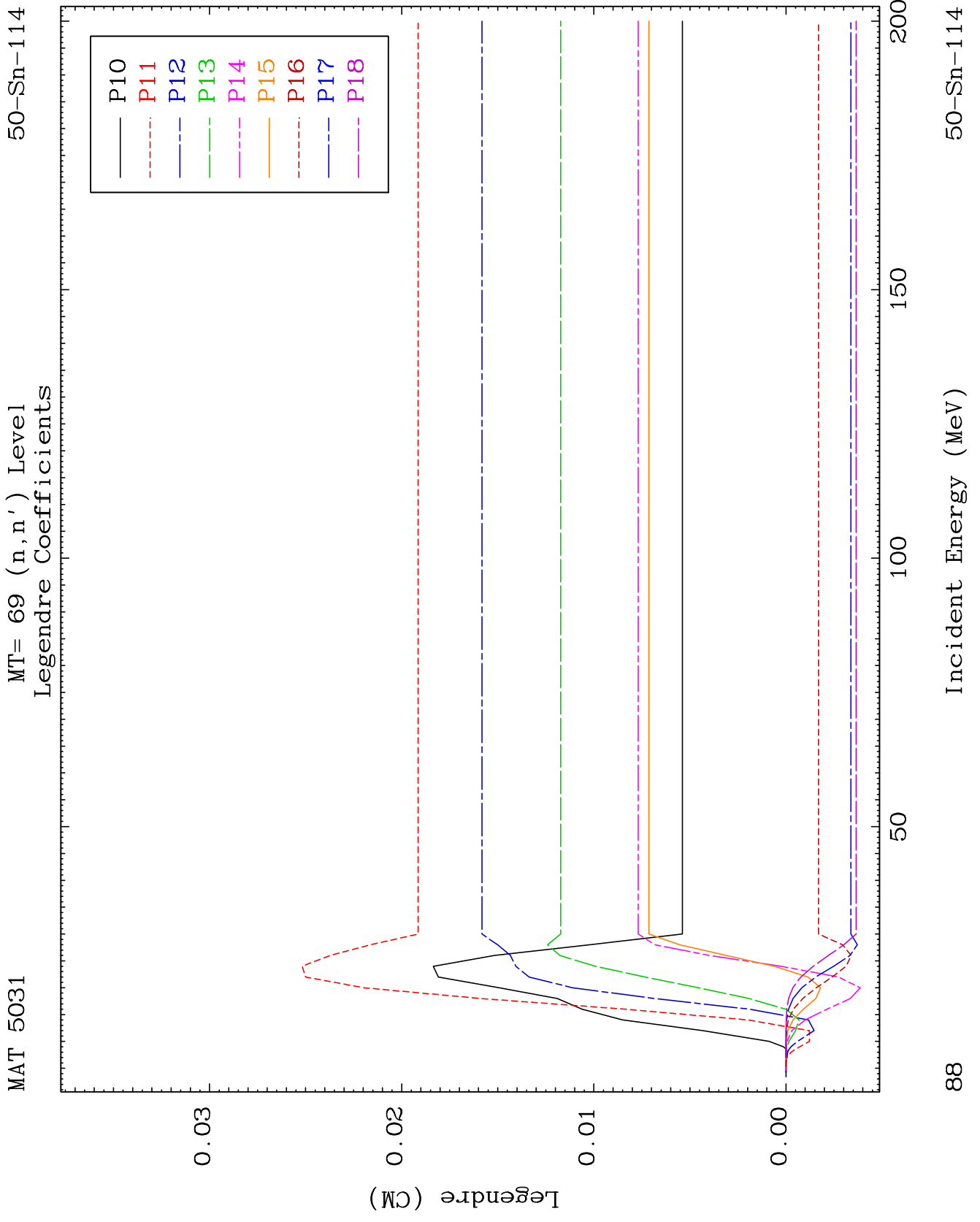
MT= 69 (n,n') Level
Legendre Coefficients

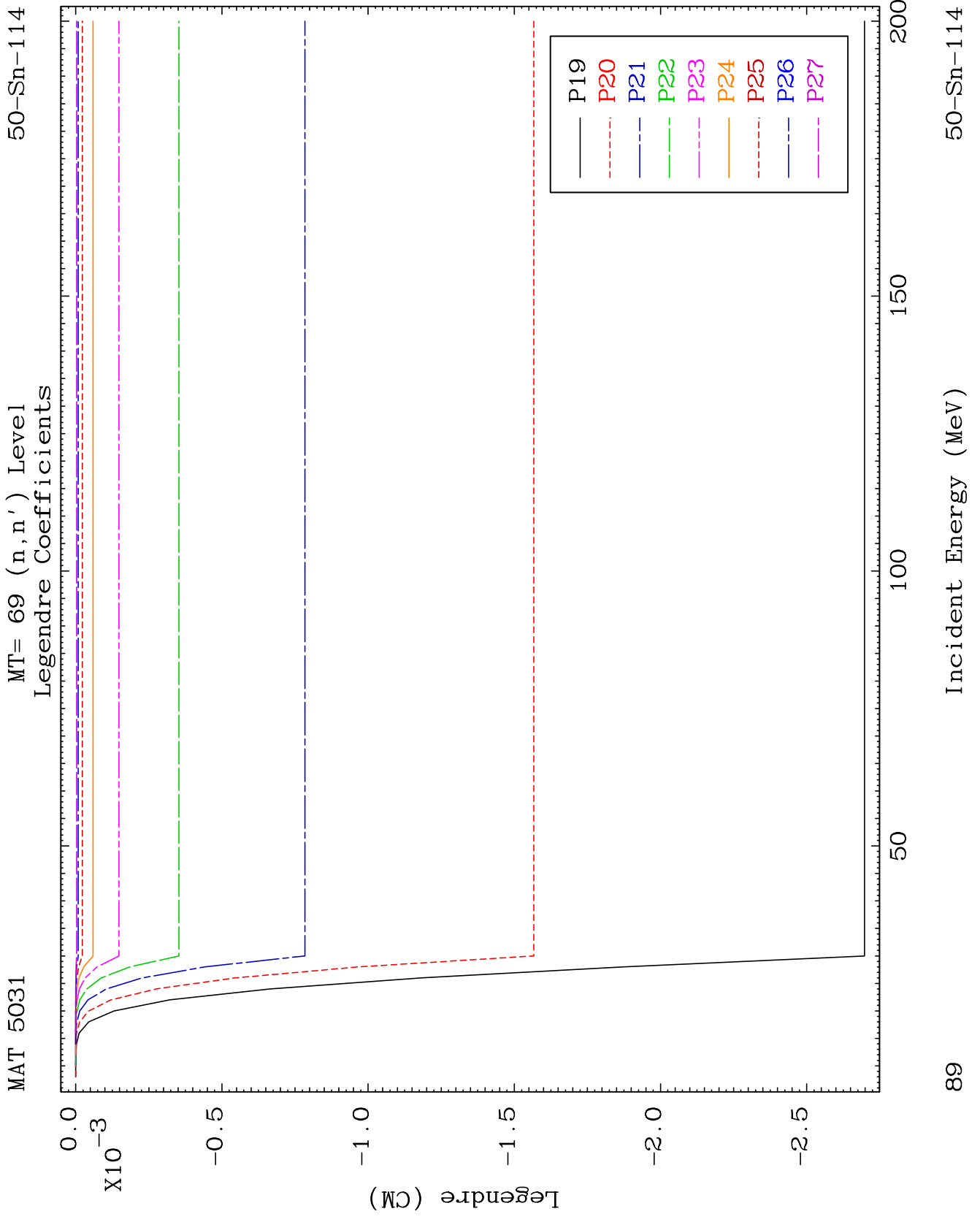
50-Sn-114

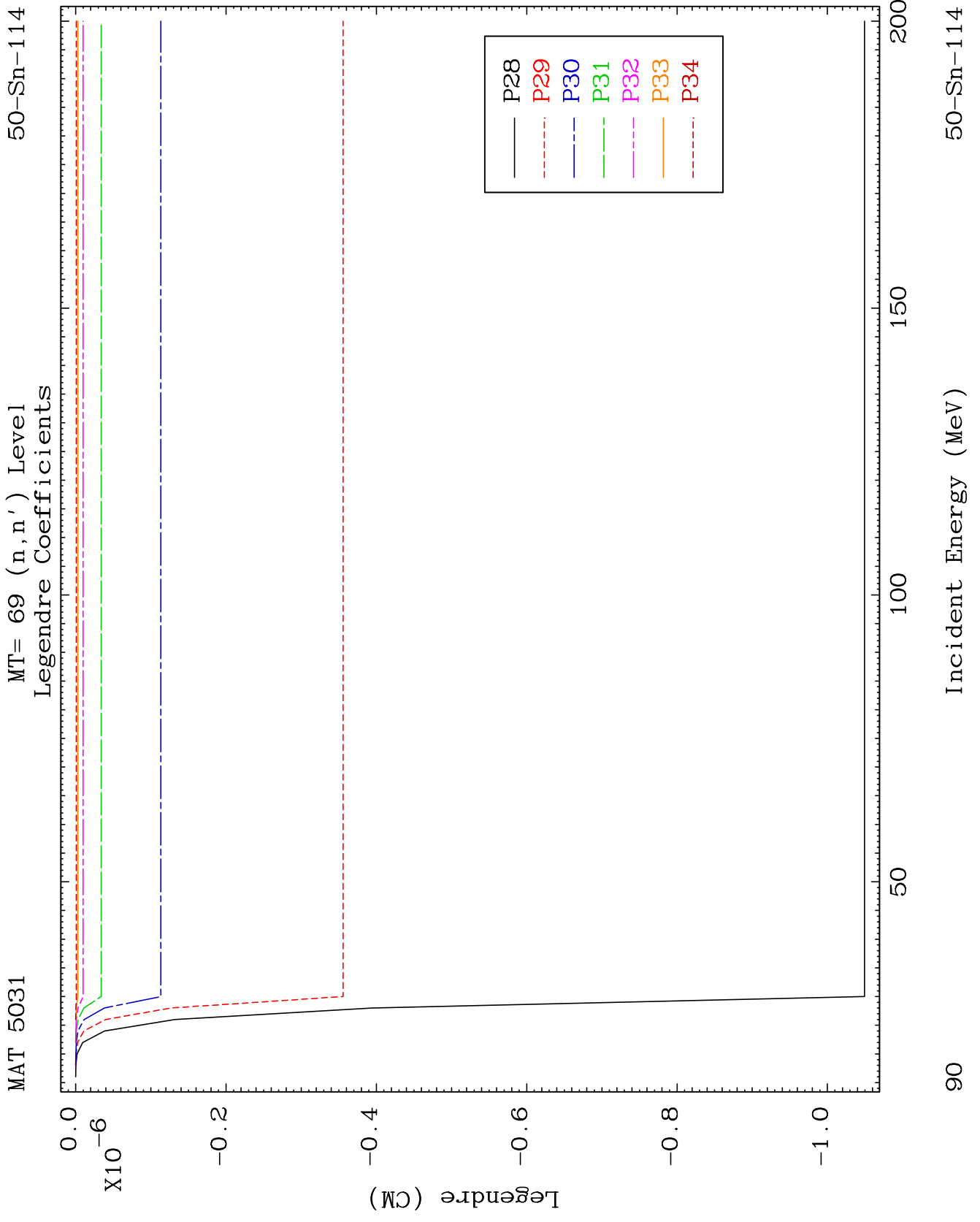


87

50-Sn-114



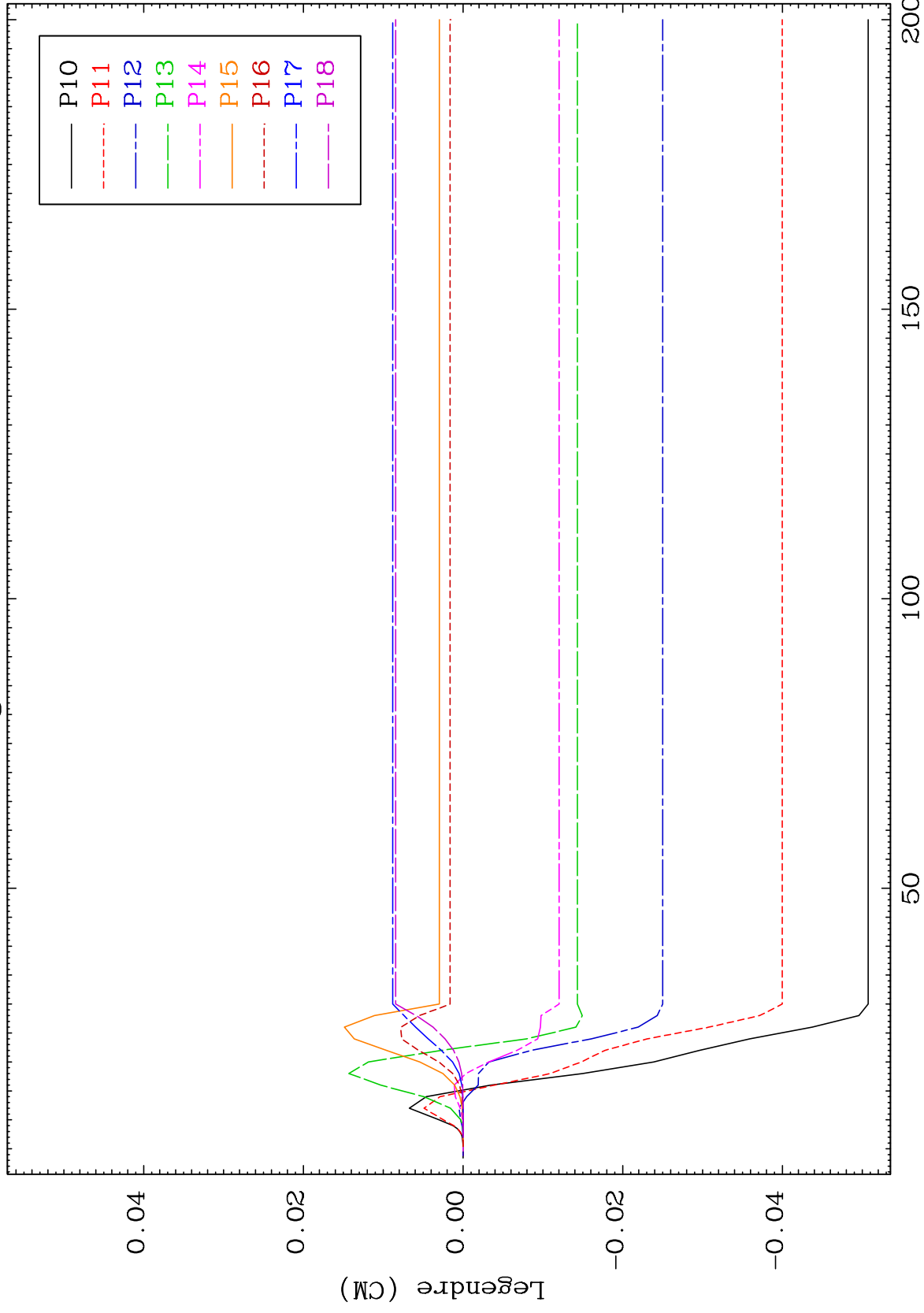




MAT 5031

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

50-Sn-114



92

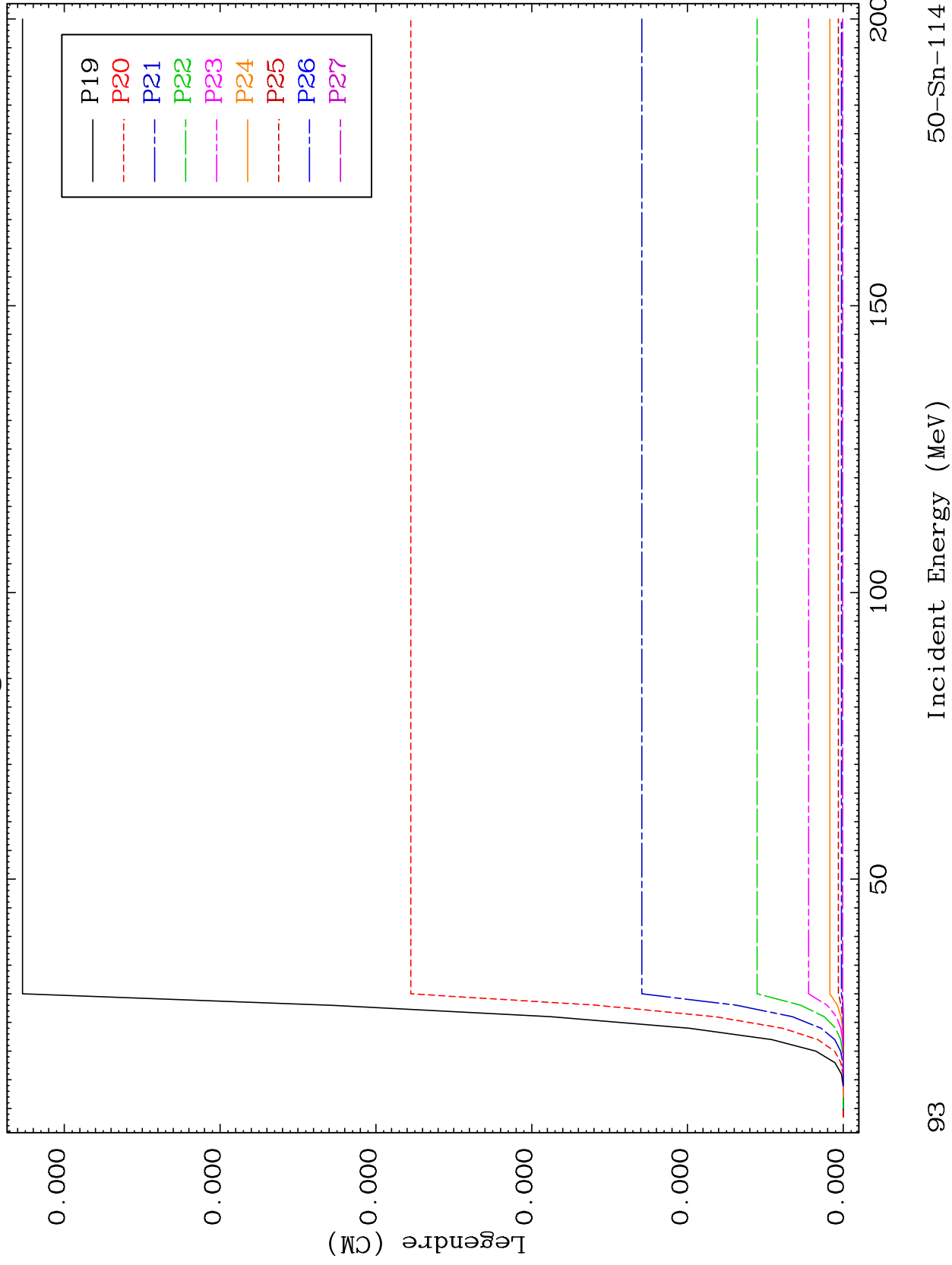
Incident Energy (MeV)

50-Sn-114

MAT 5031

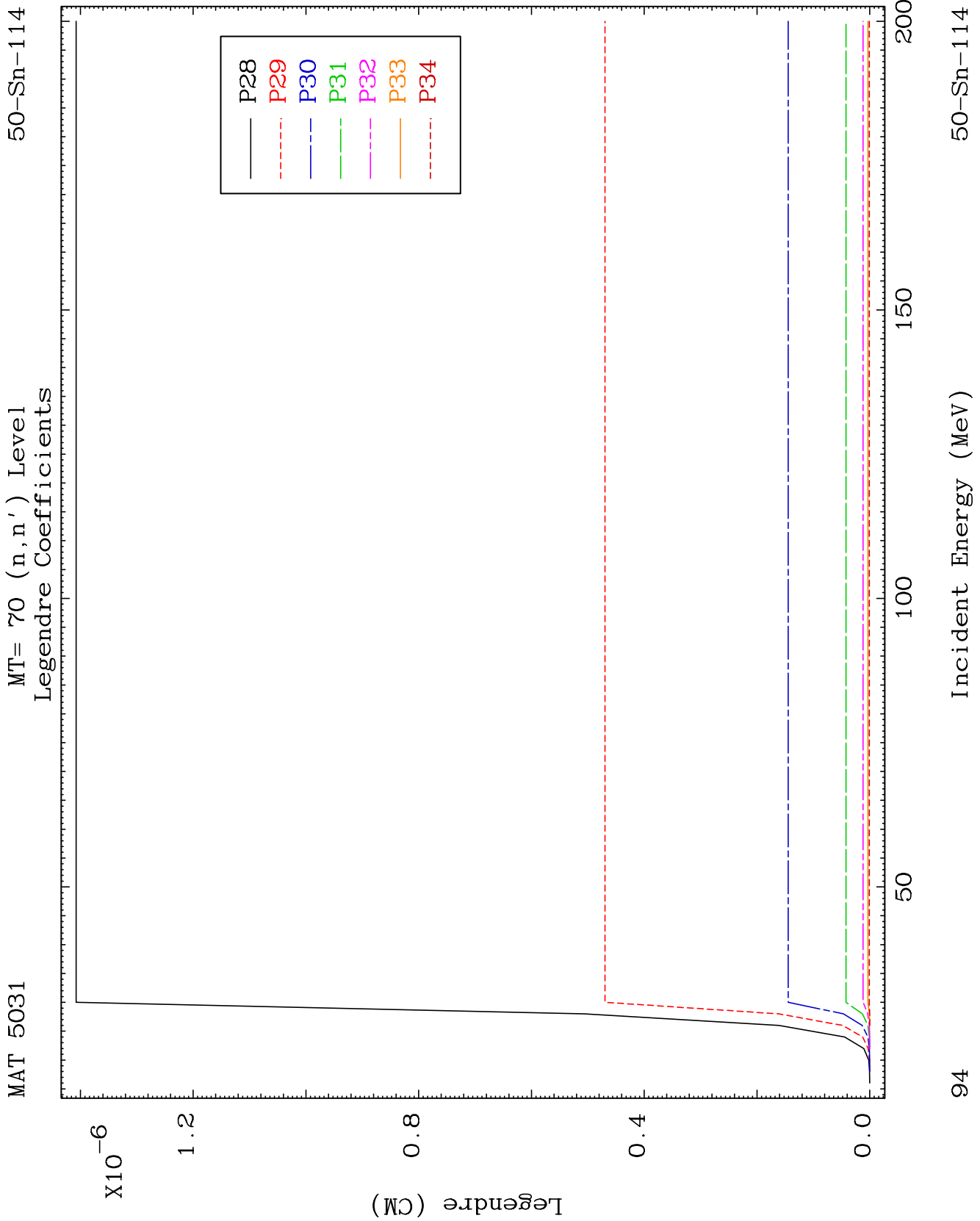
MT= 70 (n,n') Level
Legendre Coefficients

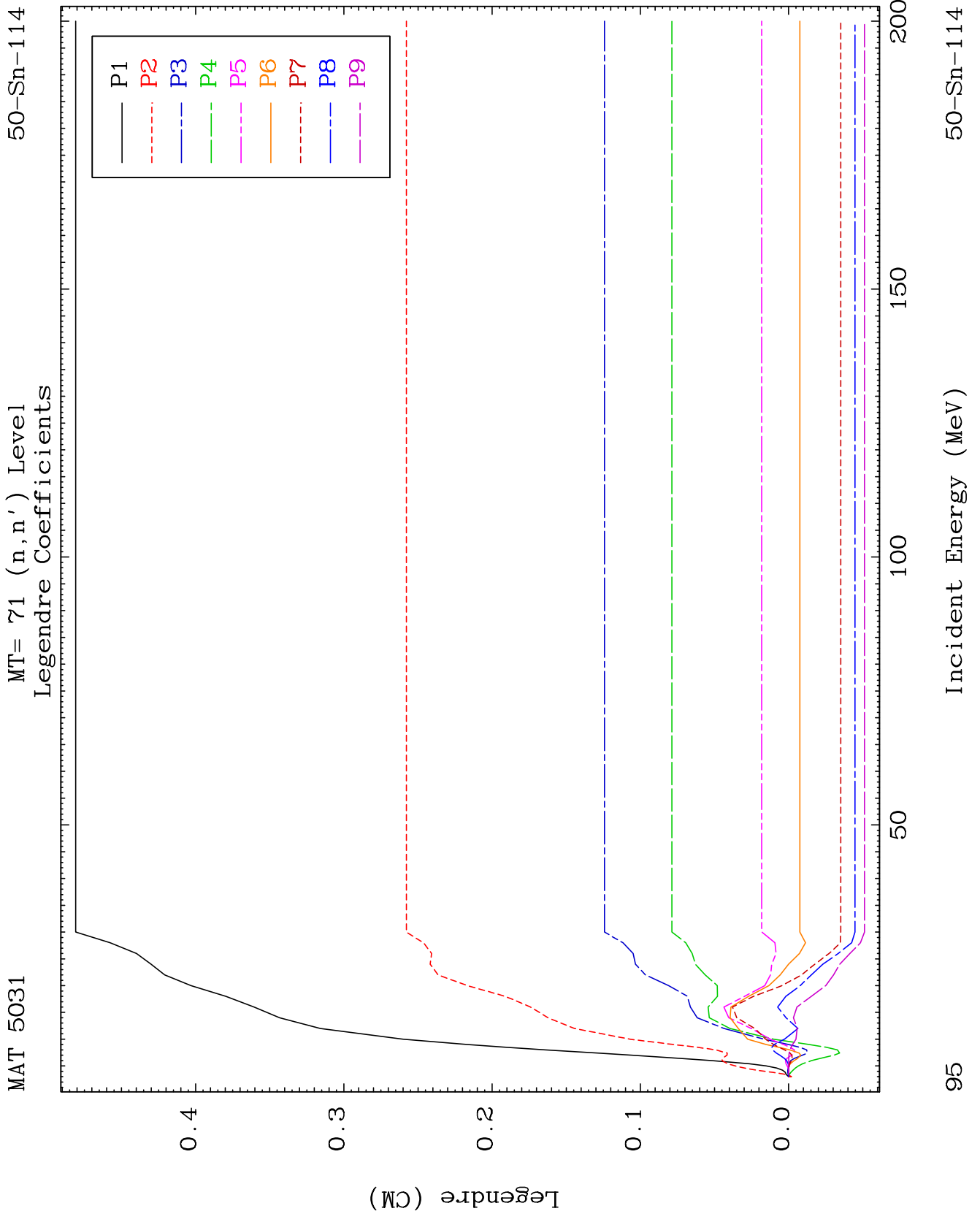
50-Sn-114



93

50-Sn-114

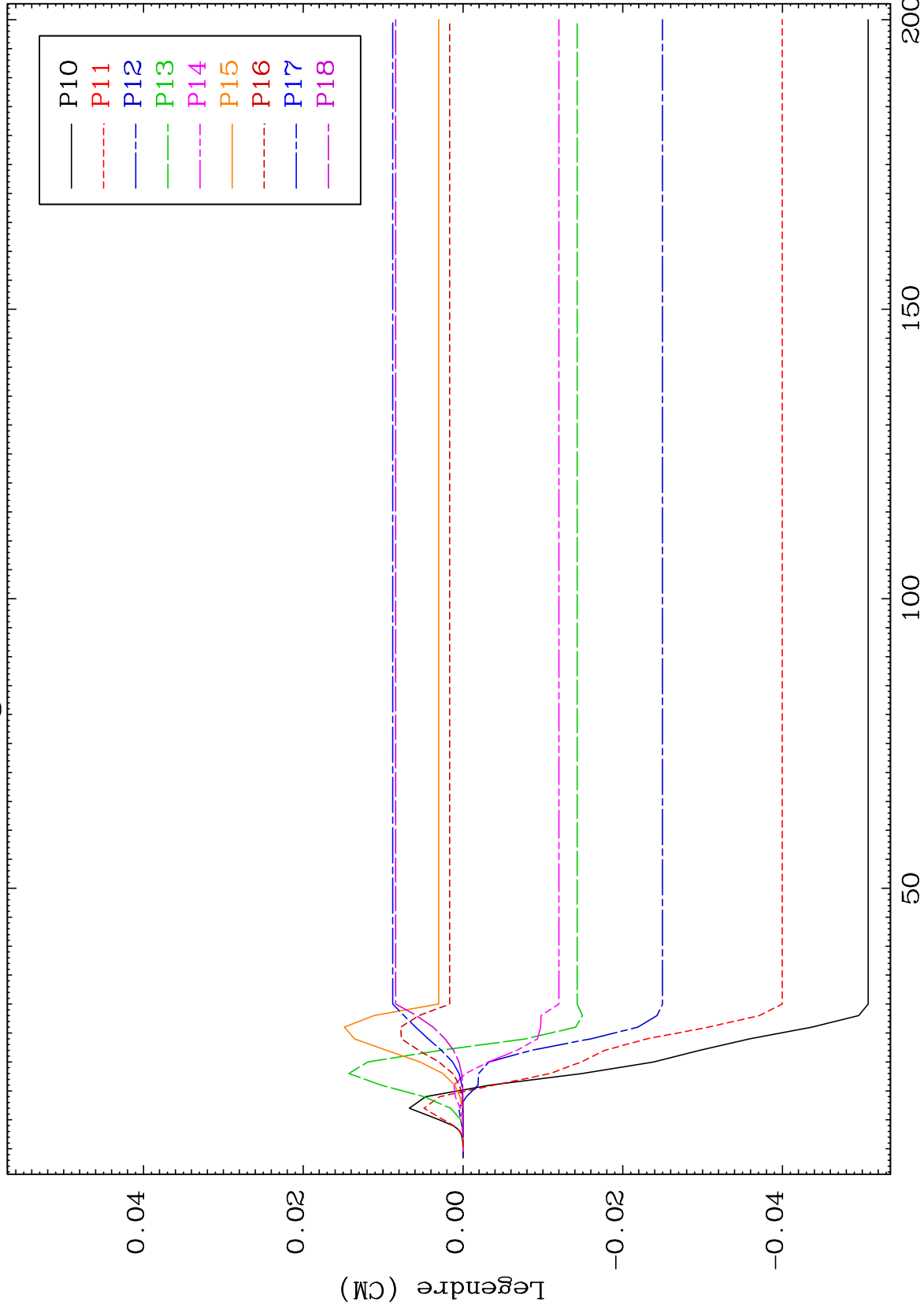




MAT 5031

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

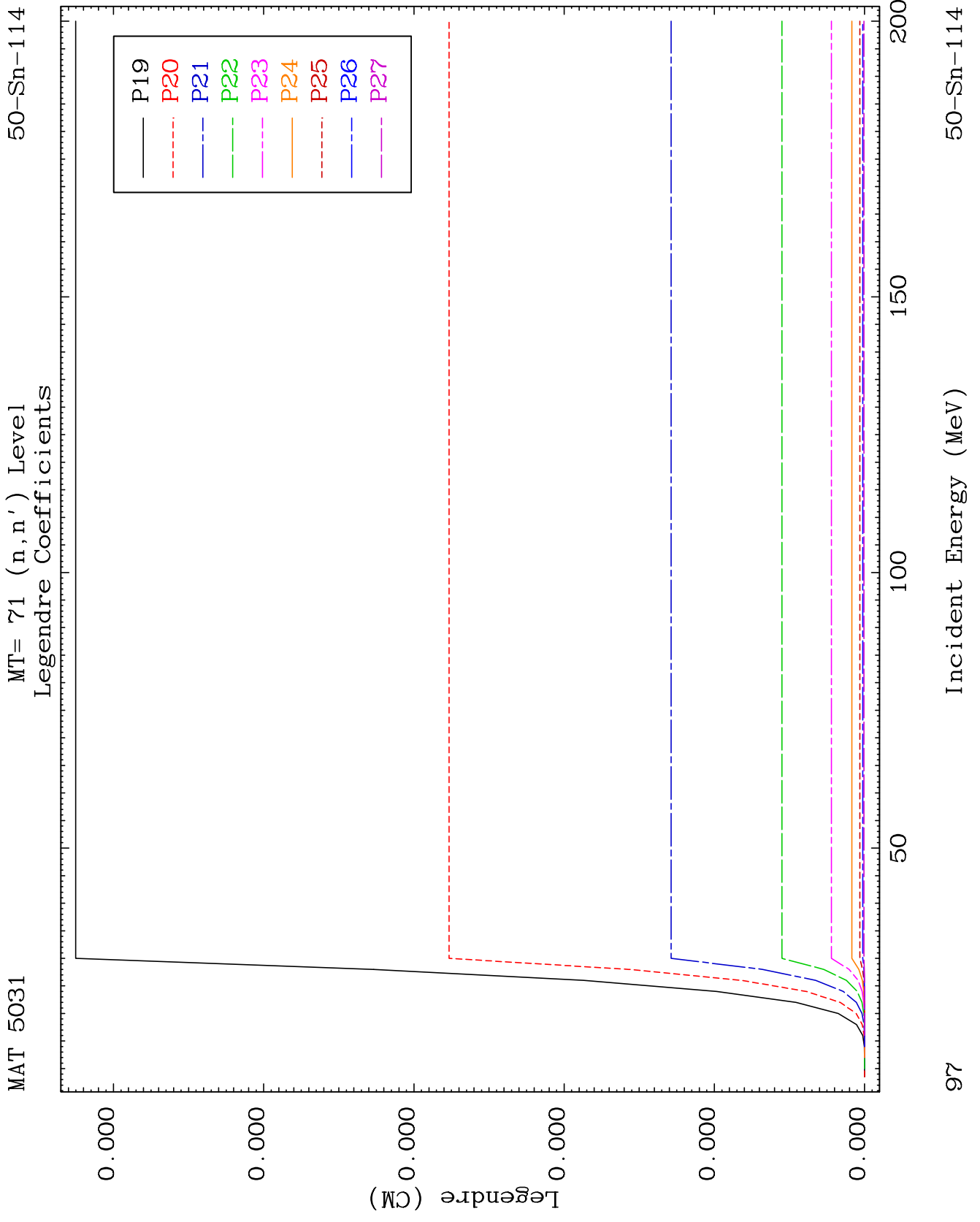
50-Sn-114

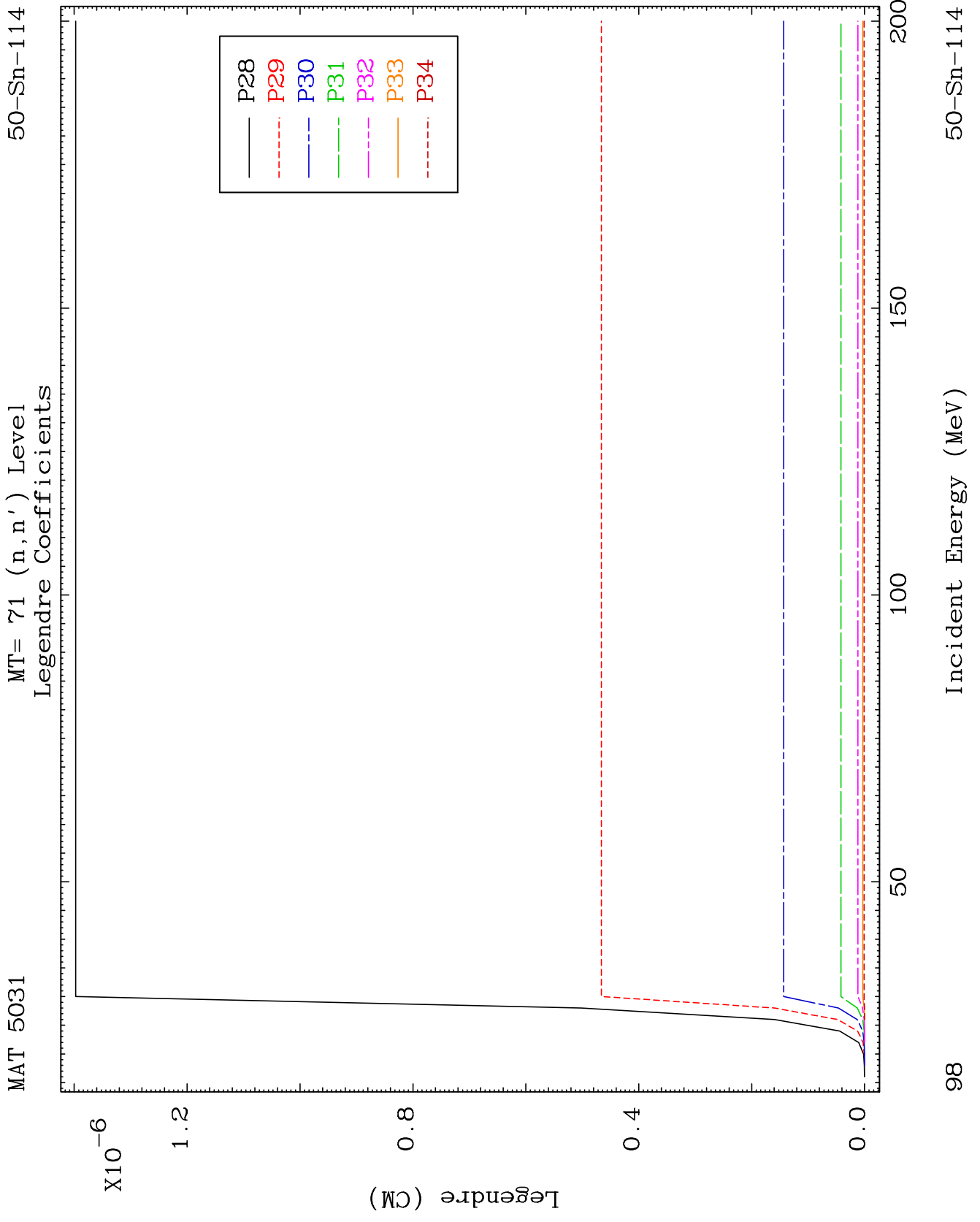


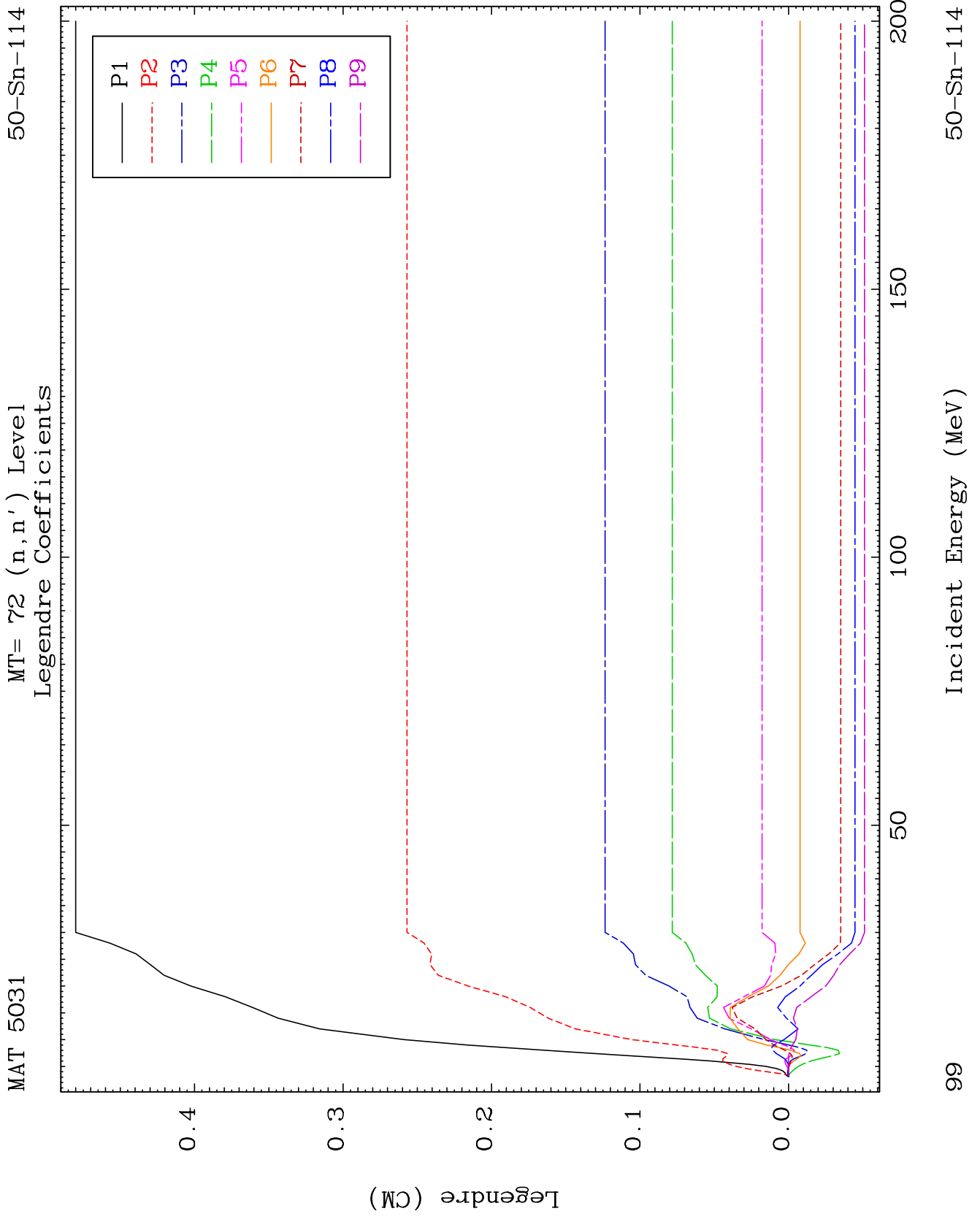
96

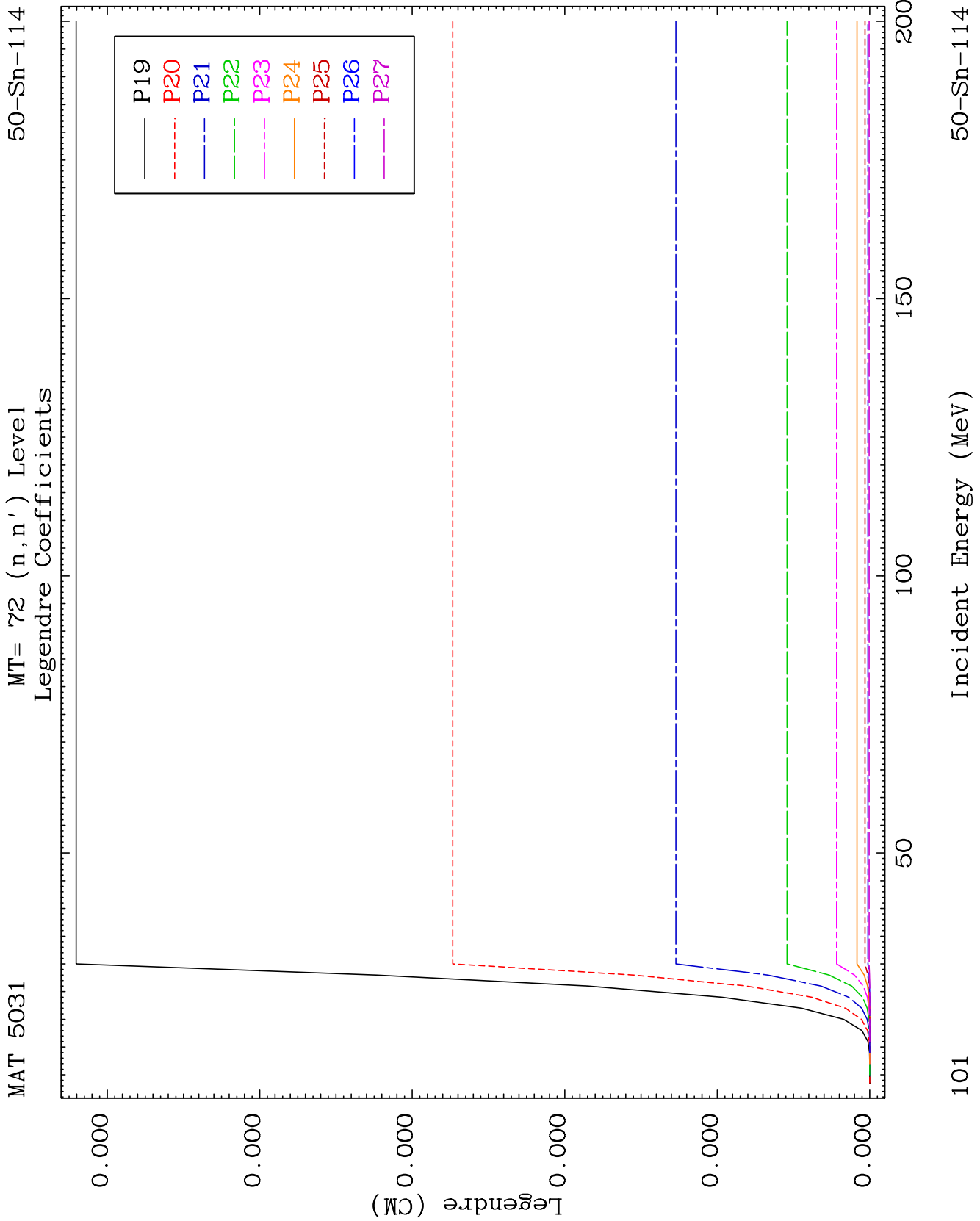
Incident Energy (MeV)

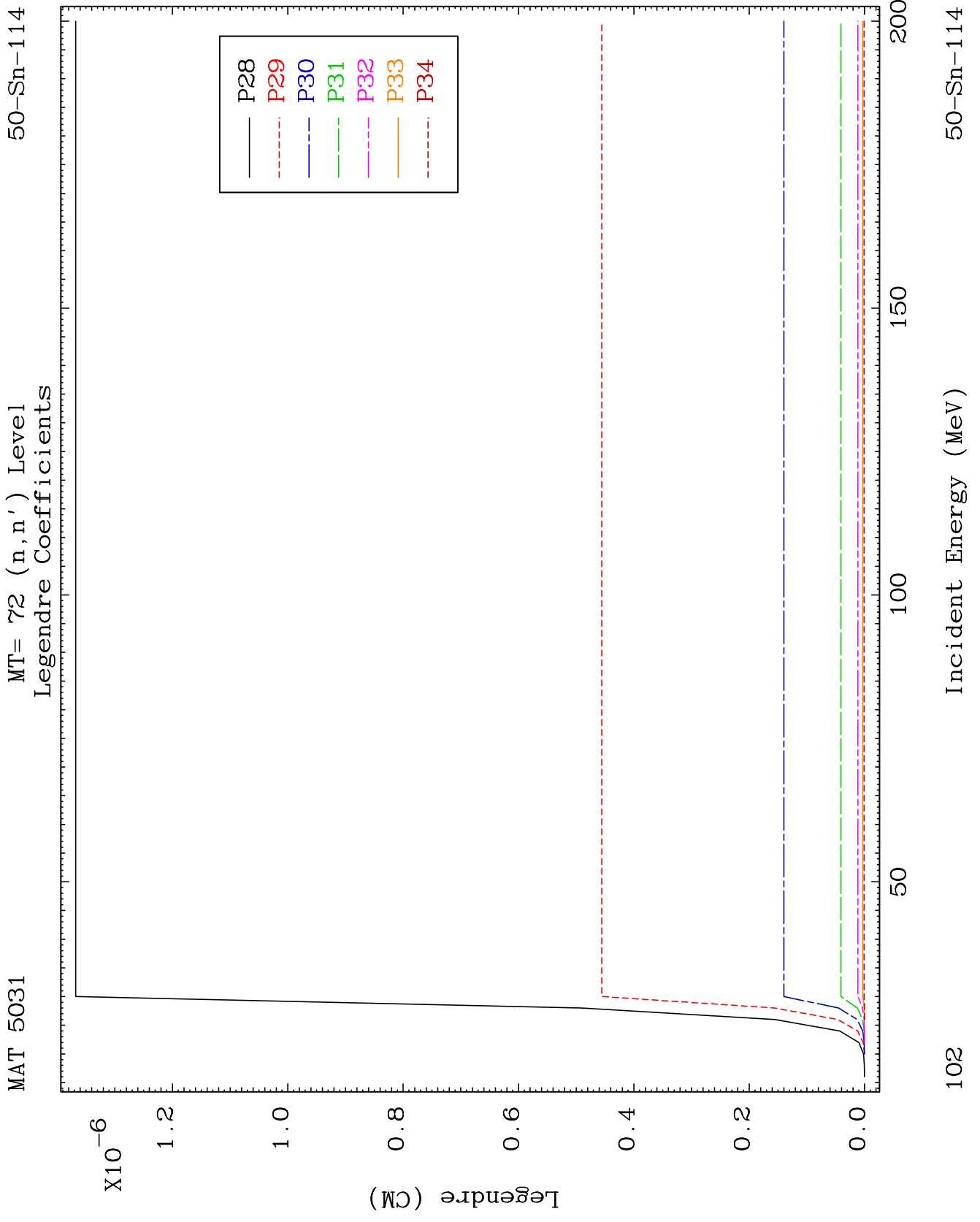
50-Sn-114

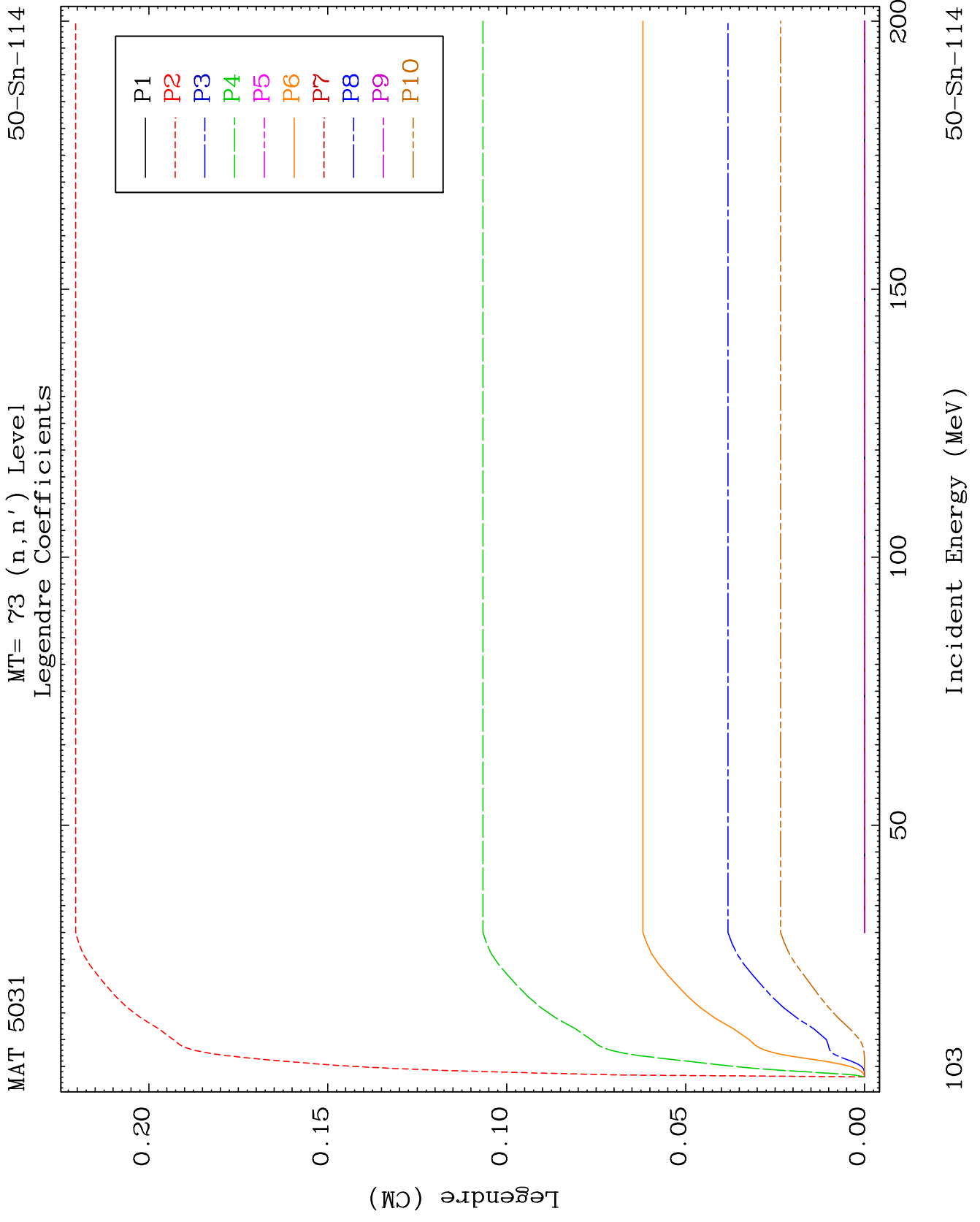


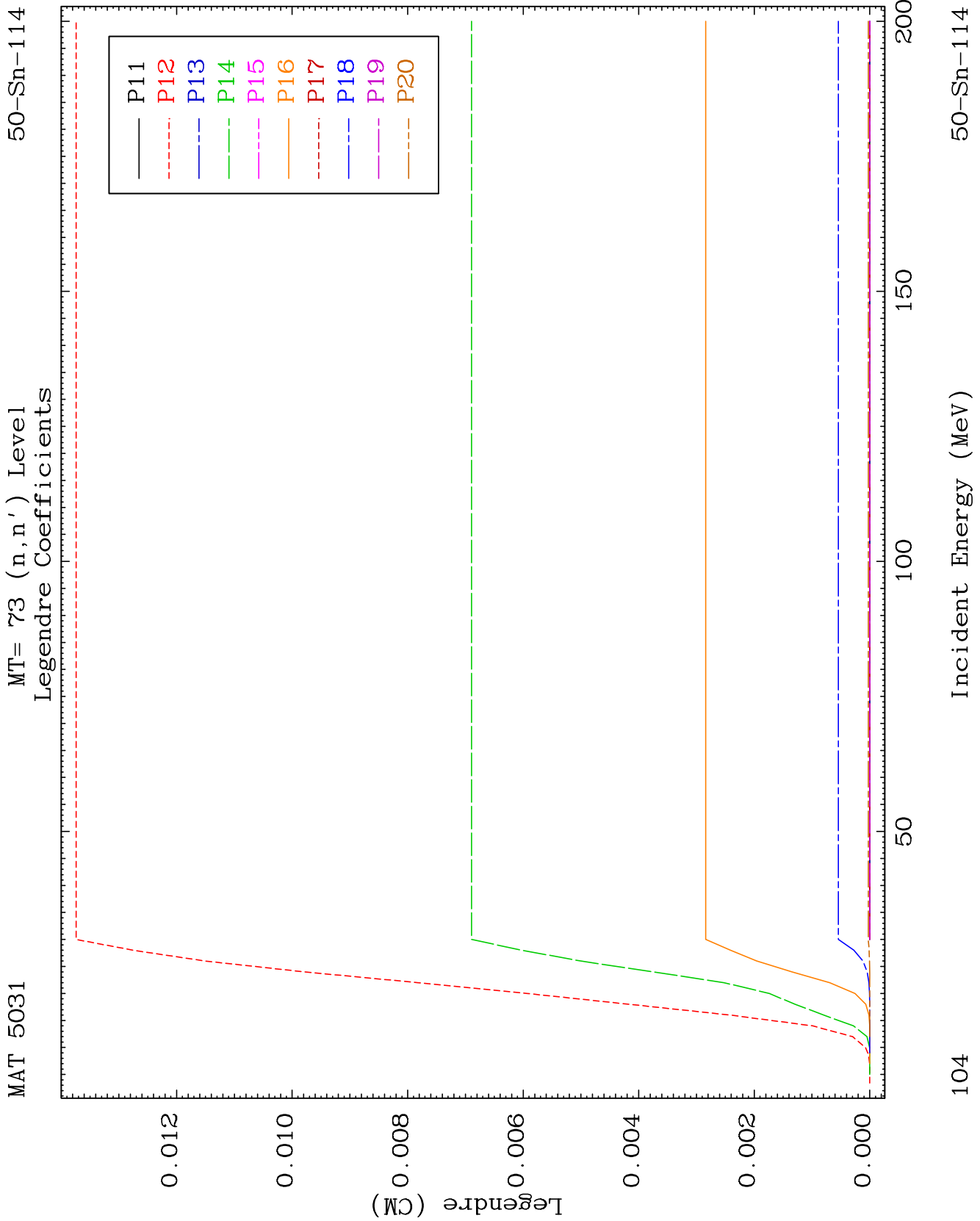


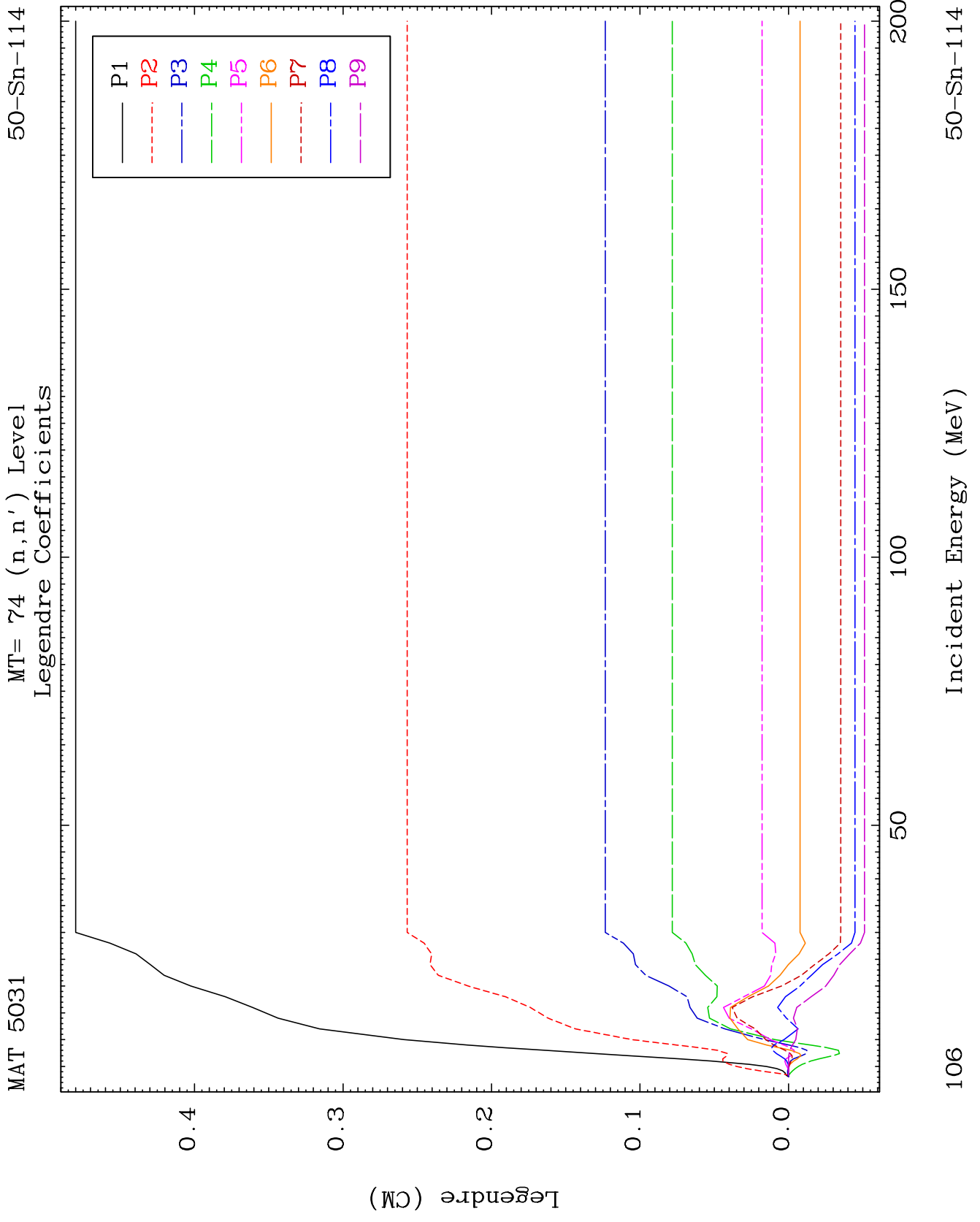








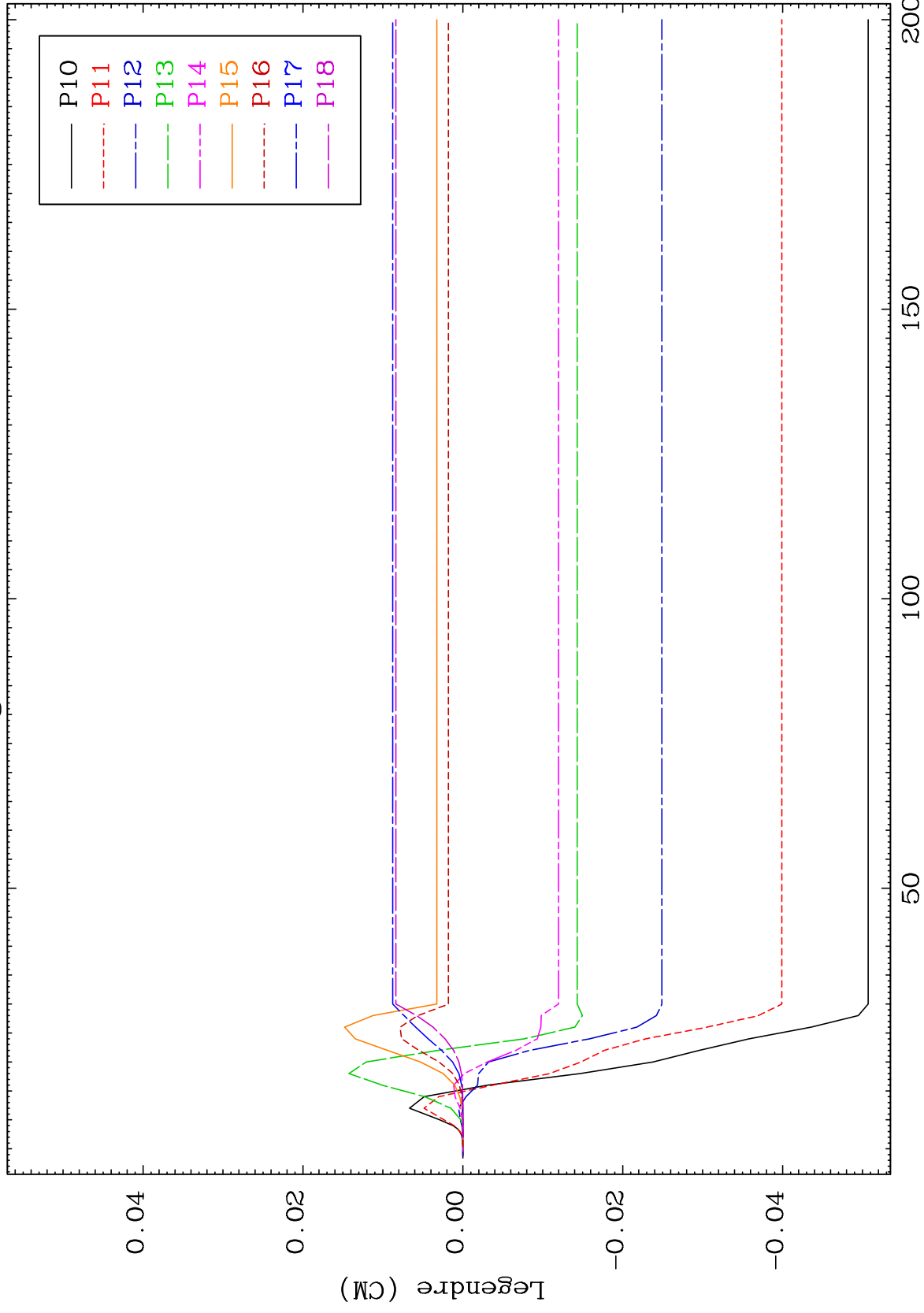




MAT 5031

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

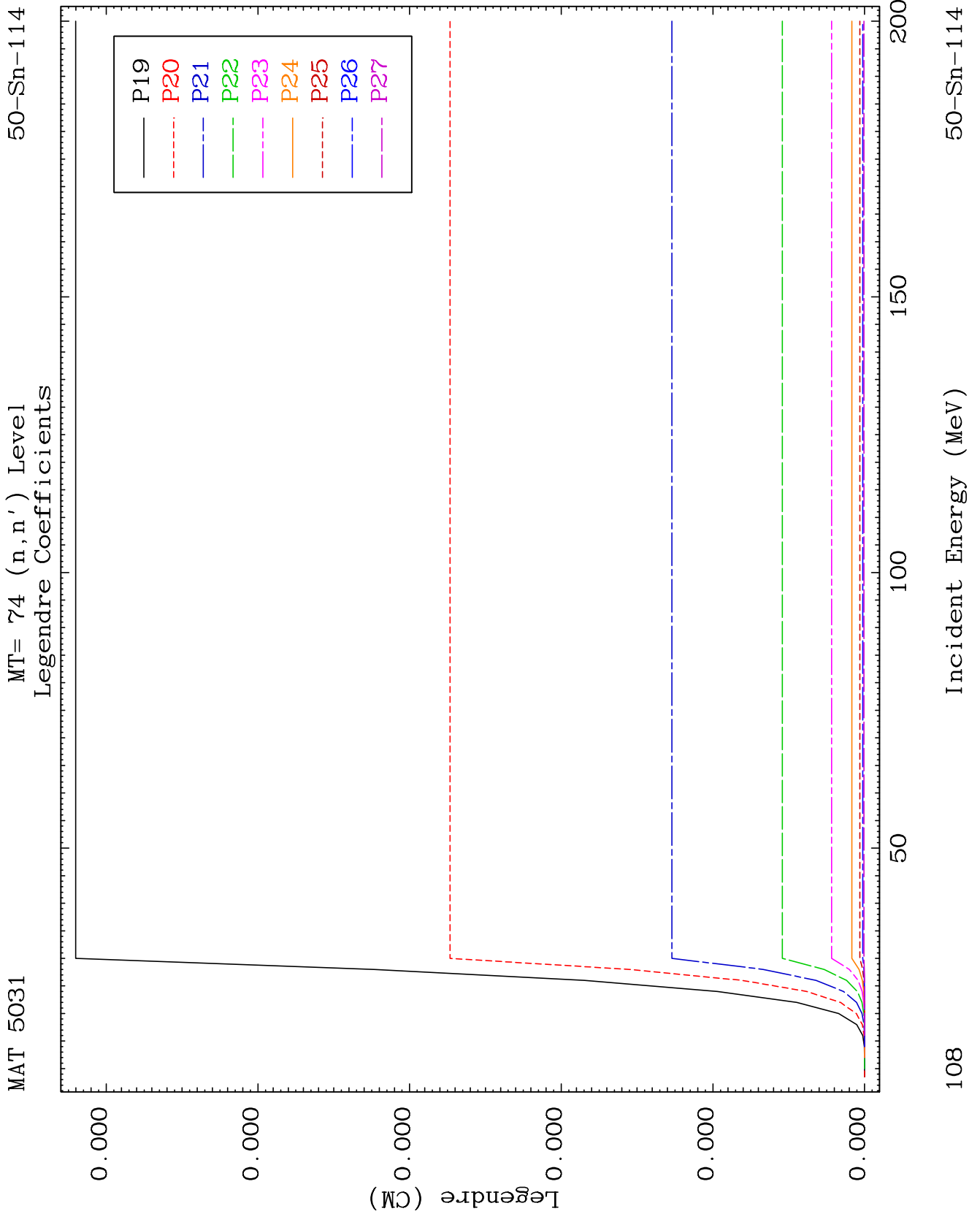
50-Sn-114

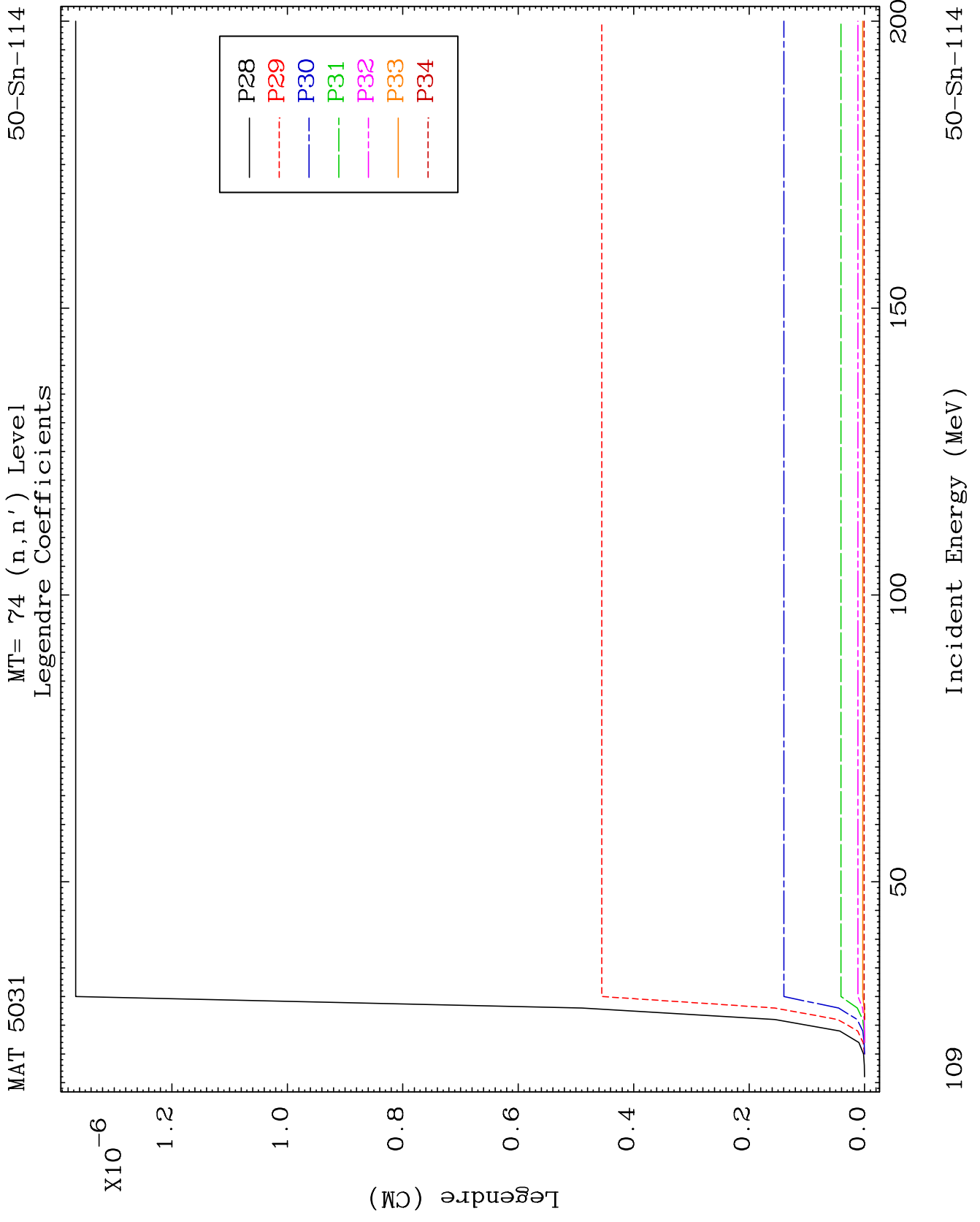


107

Incident Energy (MeV)

50-Sn-114

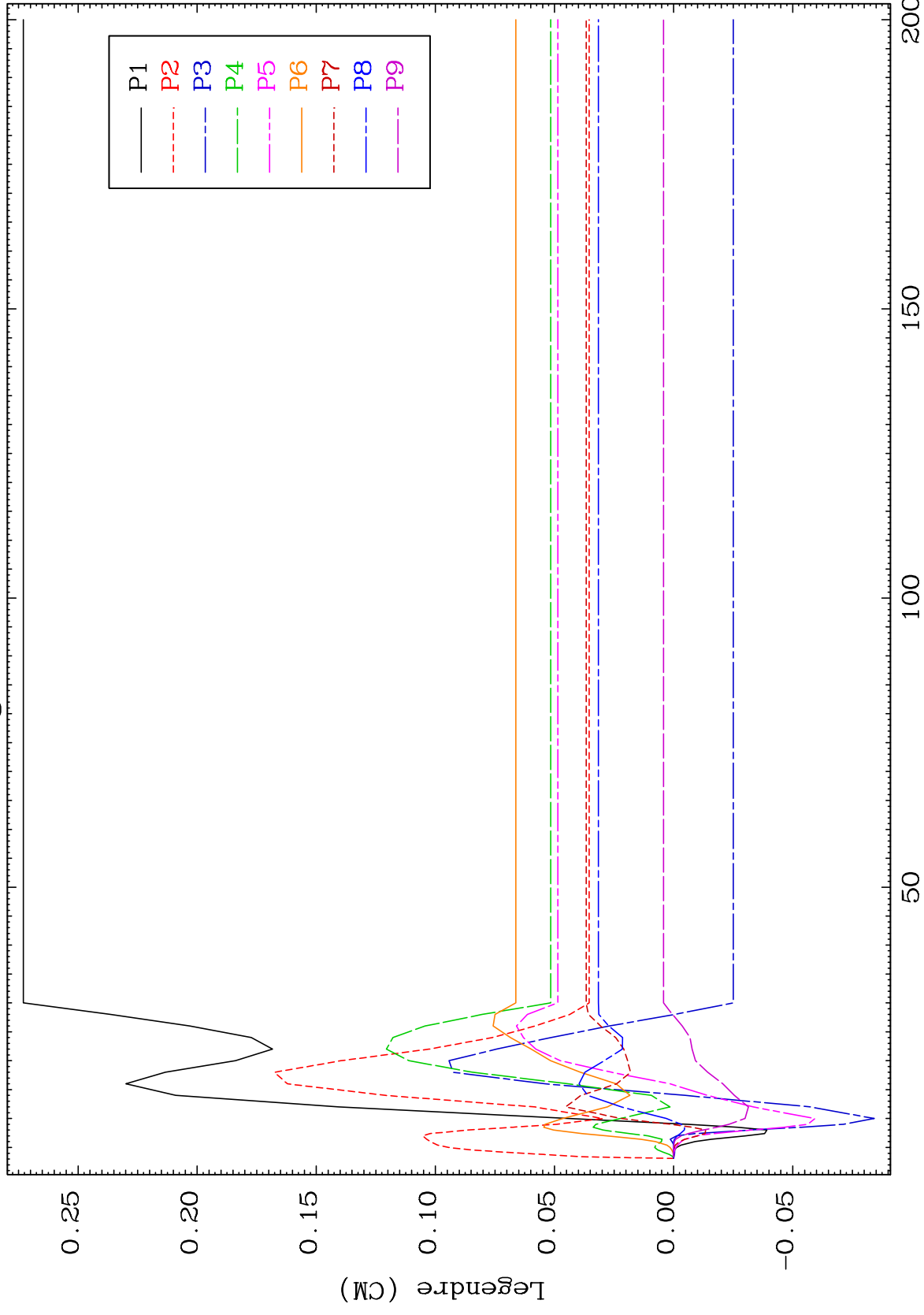




MAT 5031

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

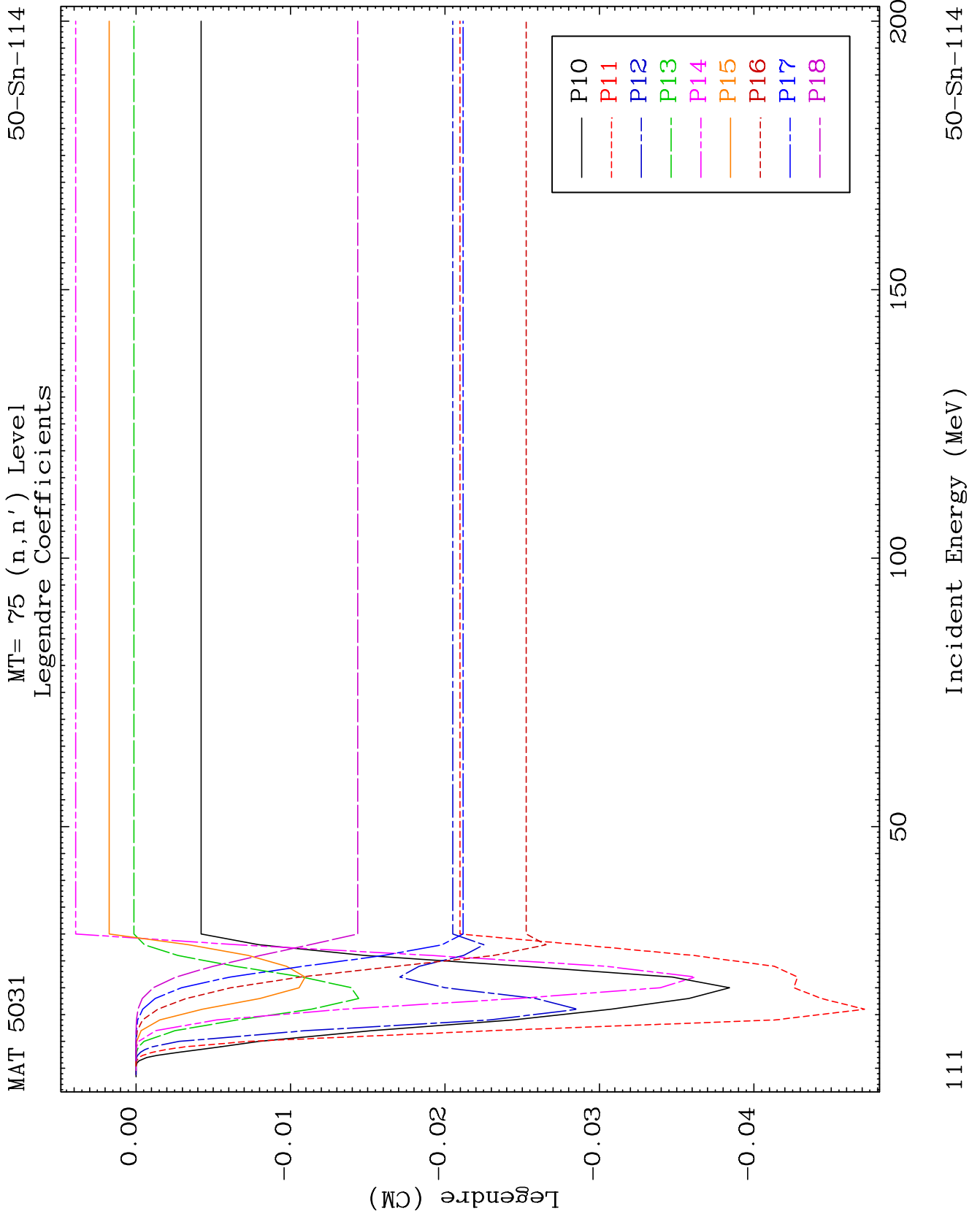
50-Sn-114

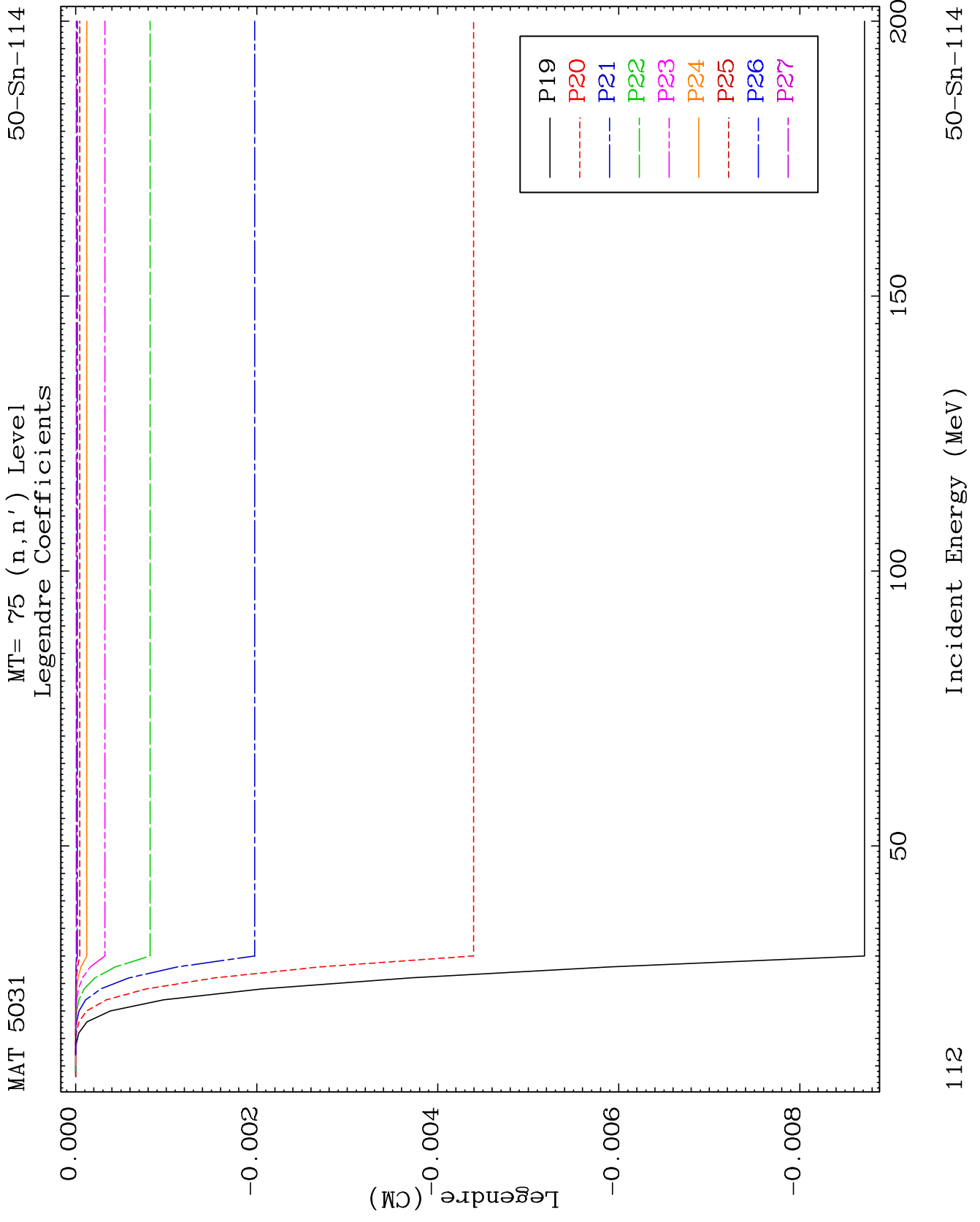


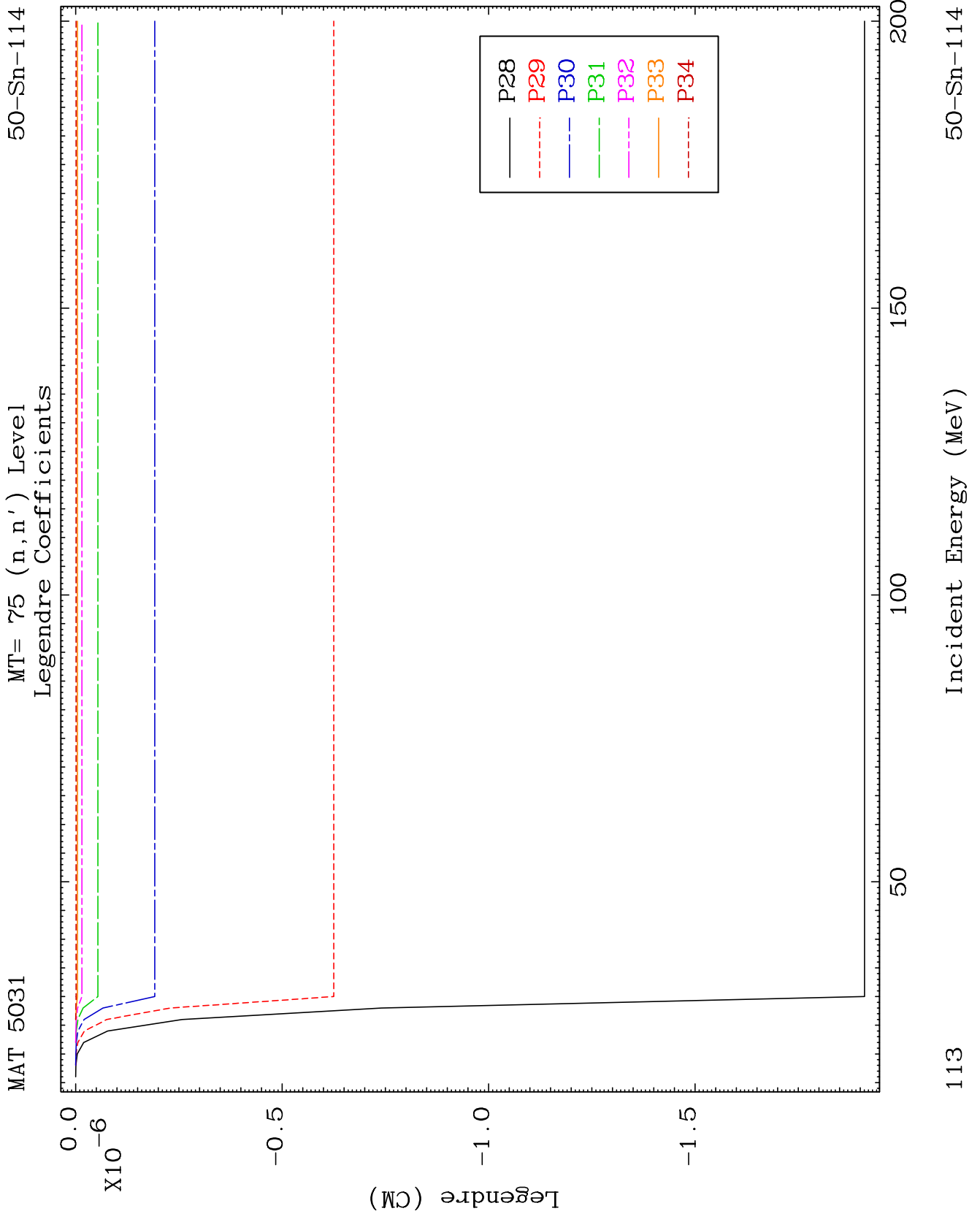
50-Sn-114

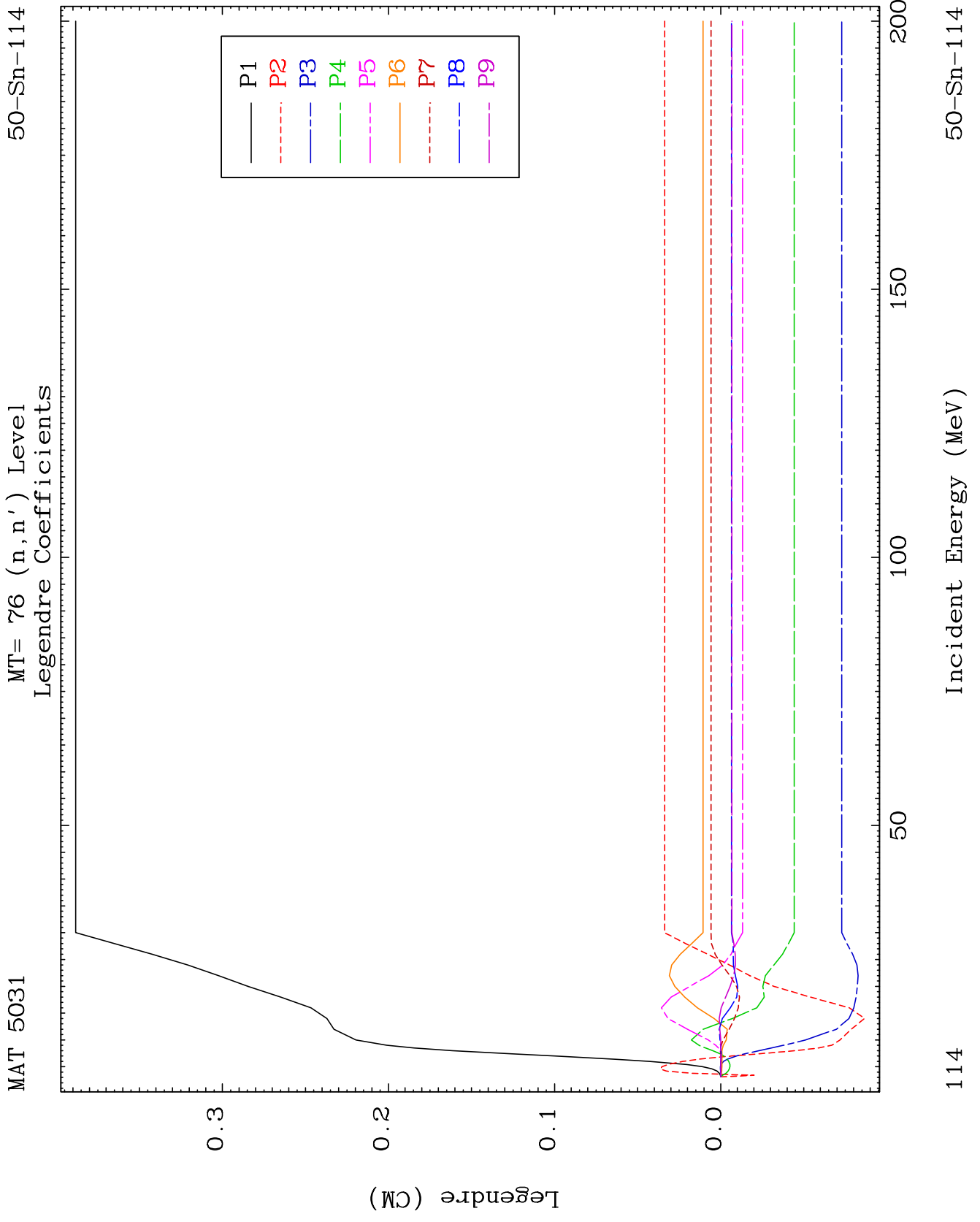
Incident Energy (MeV)

110





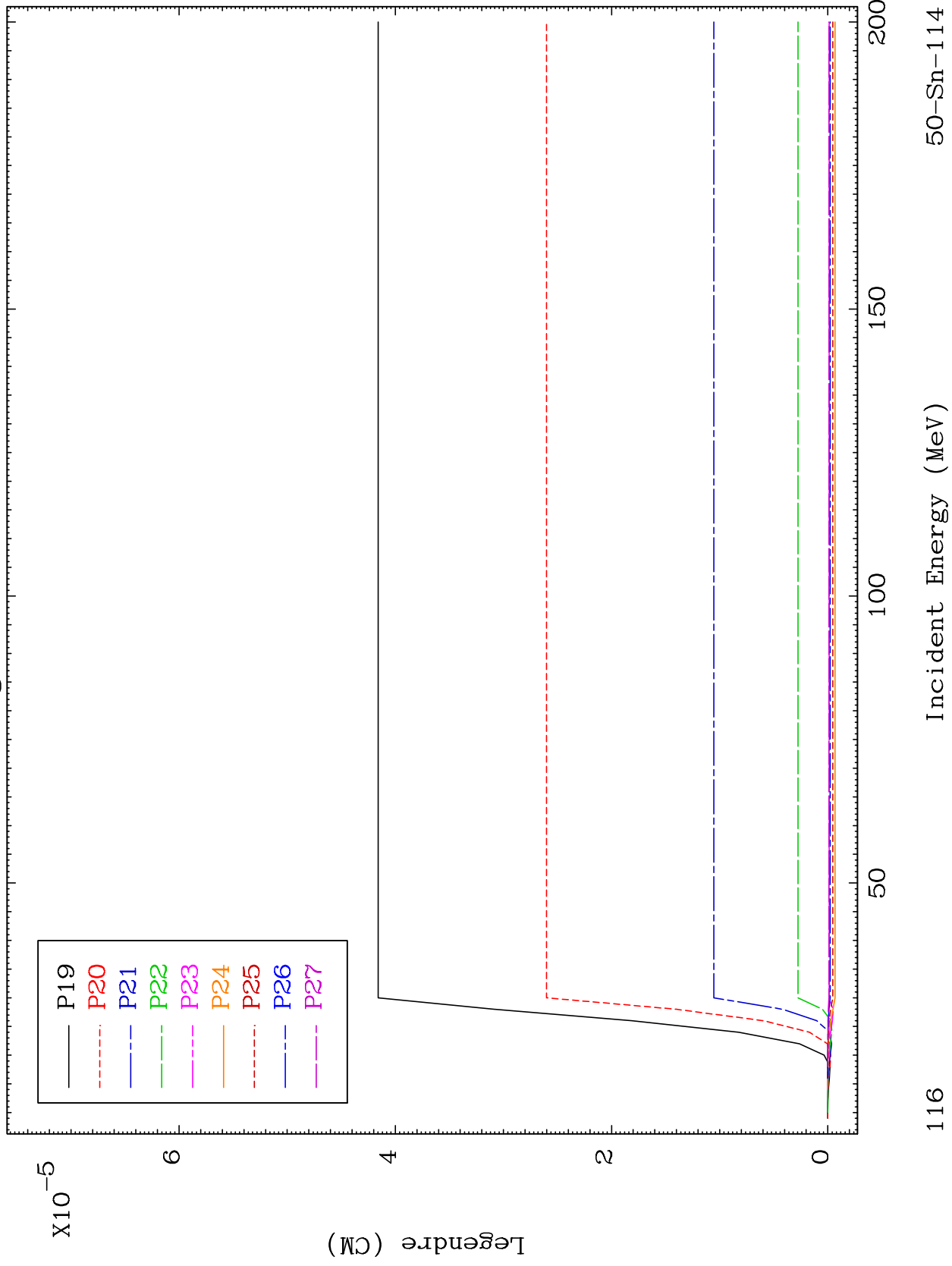


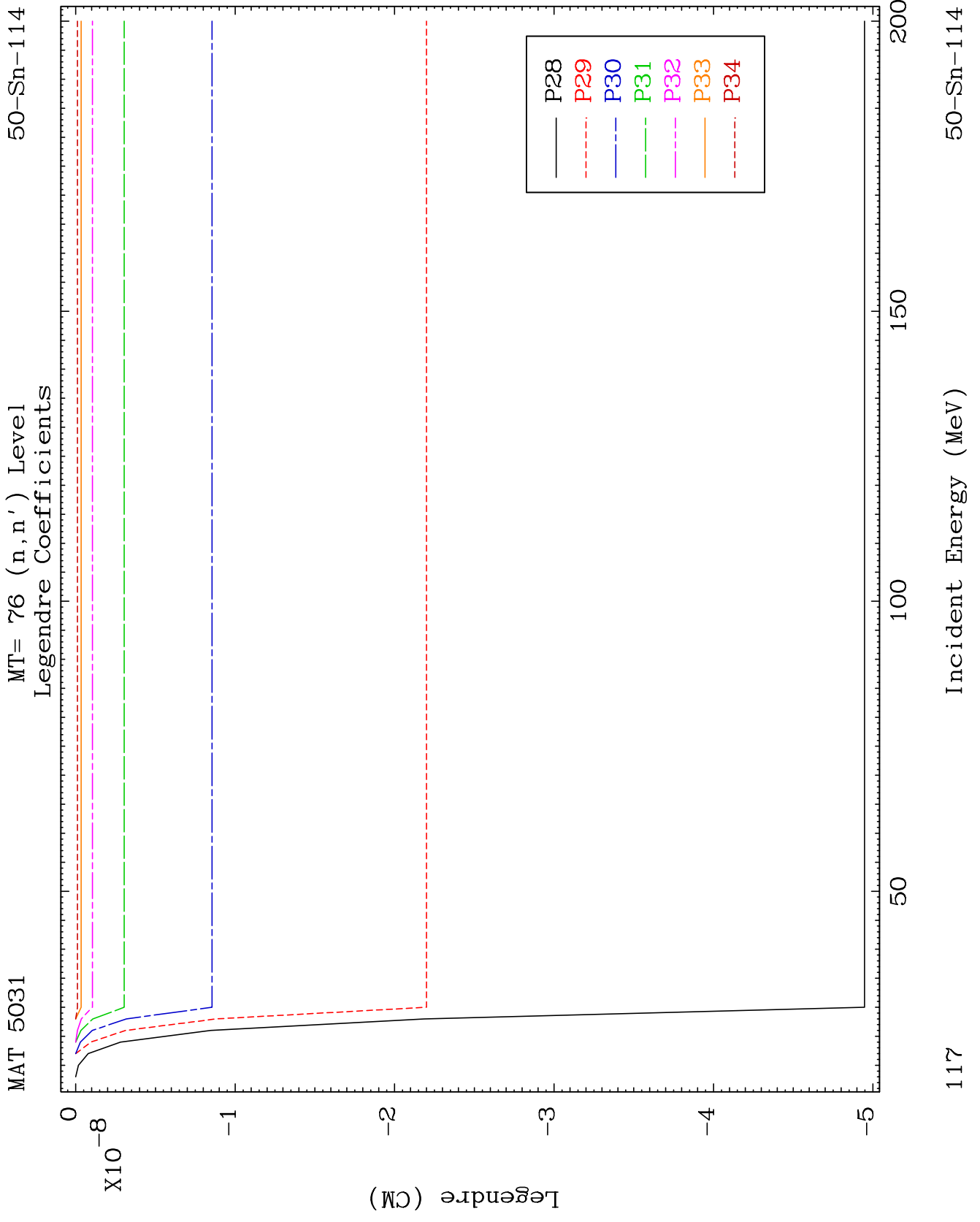


MAT 5031

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

50-Sn-114

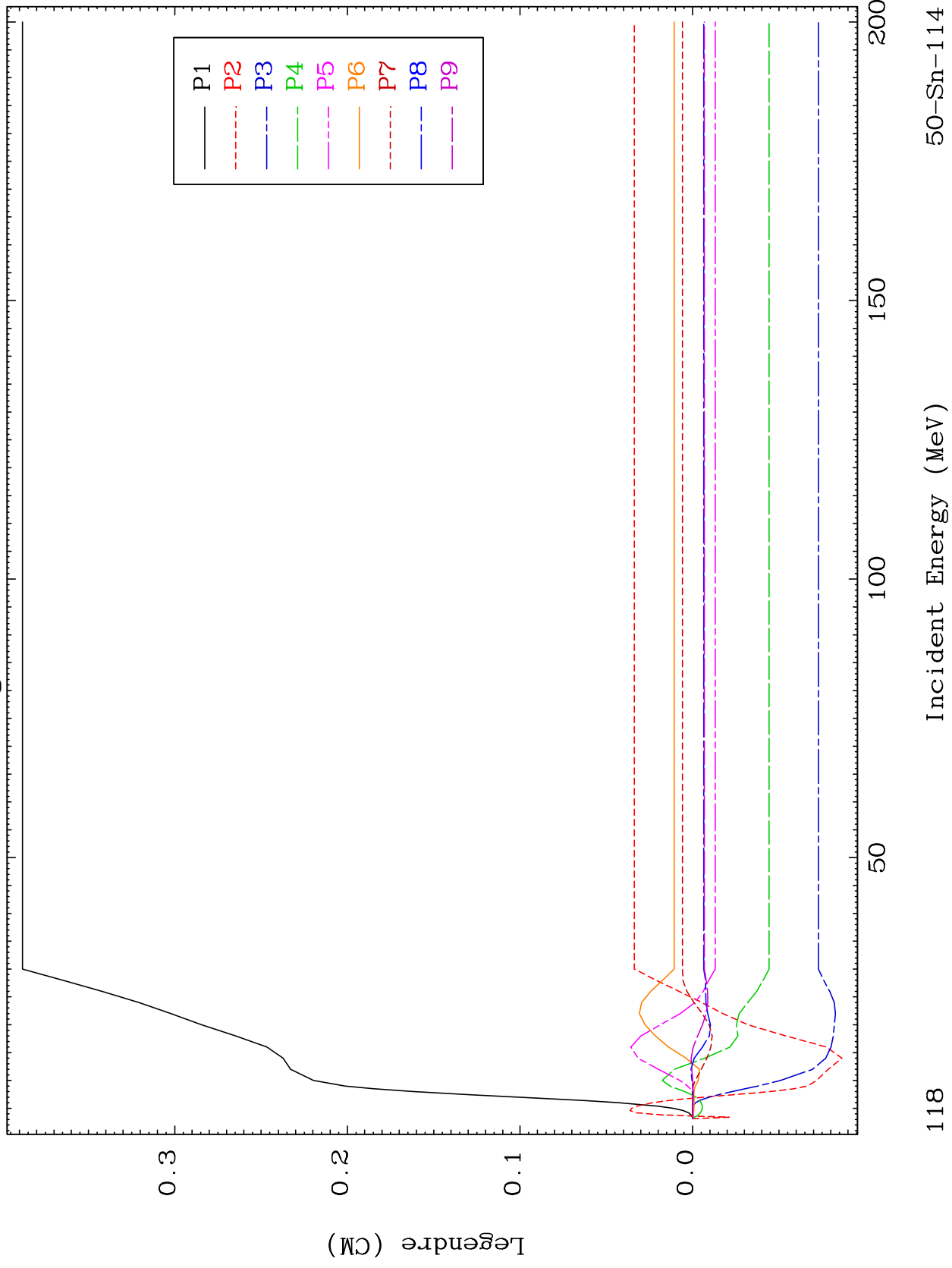




MAT 5031

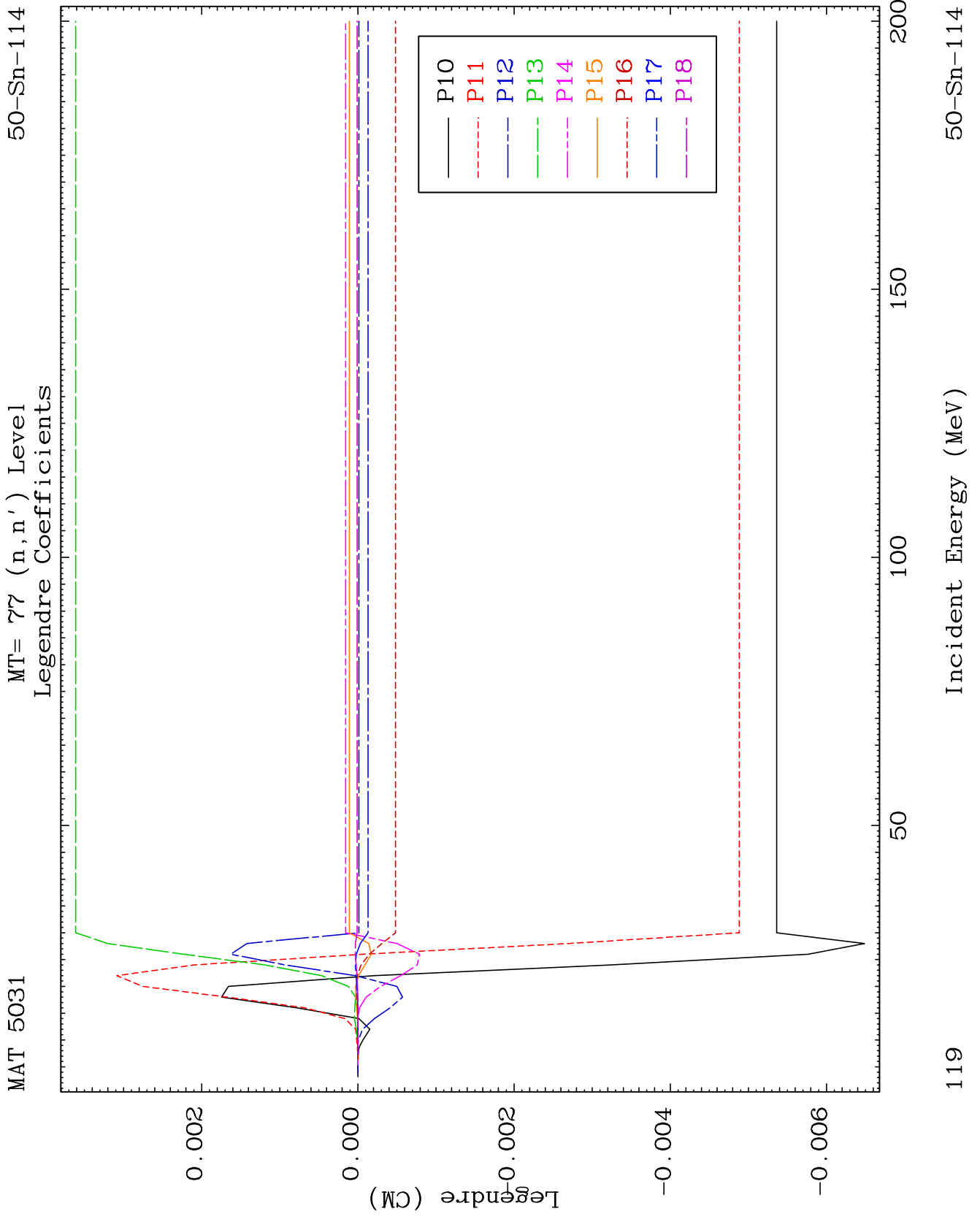
MT= 77 (n,n') Level
Legendre Coefficients

50-Sn-114



118

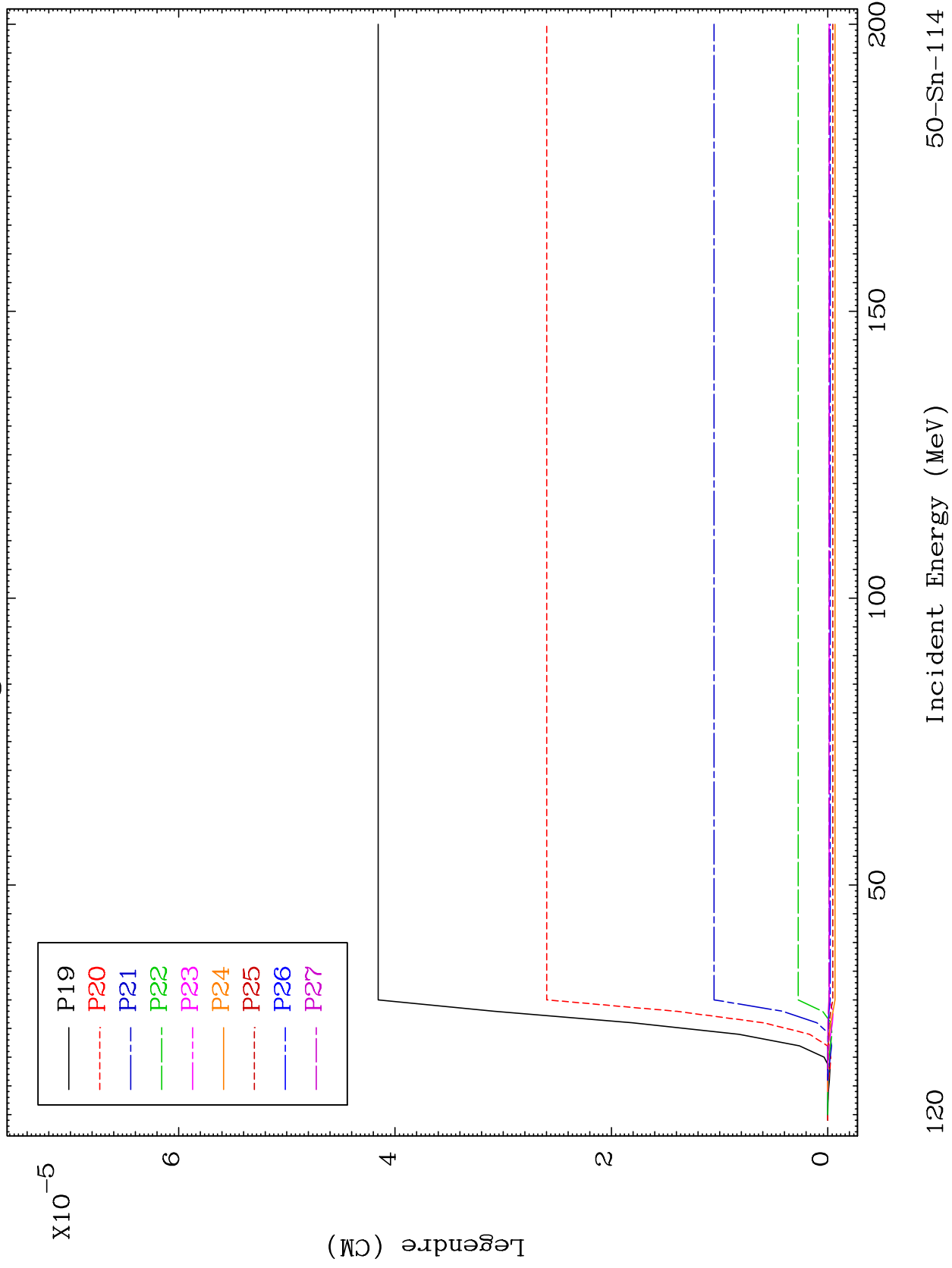
50-Sn-114

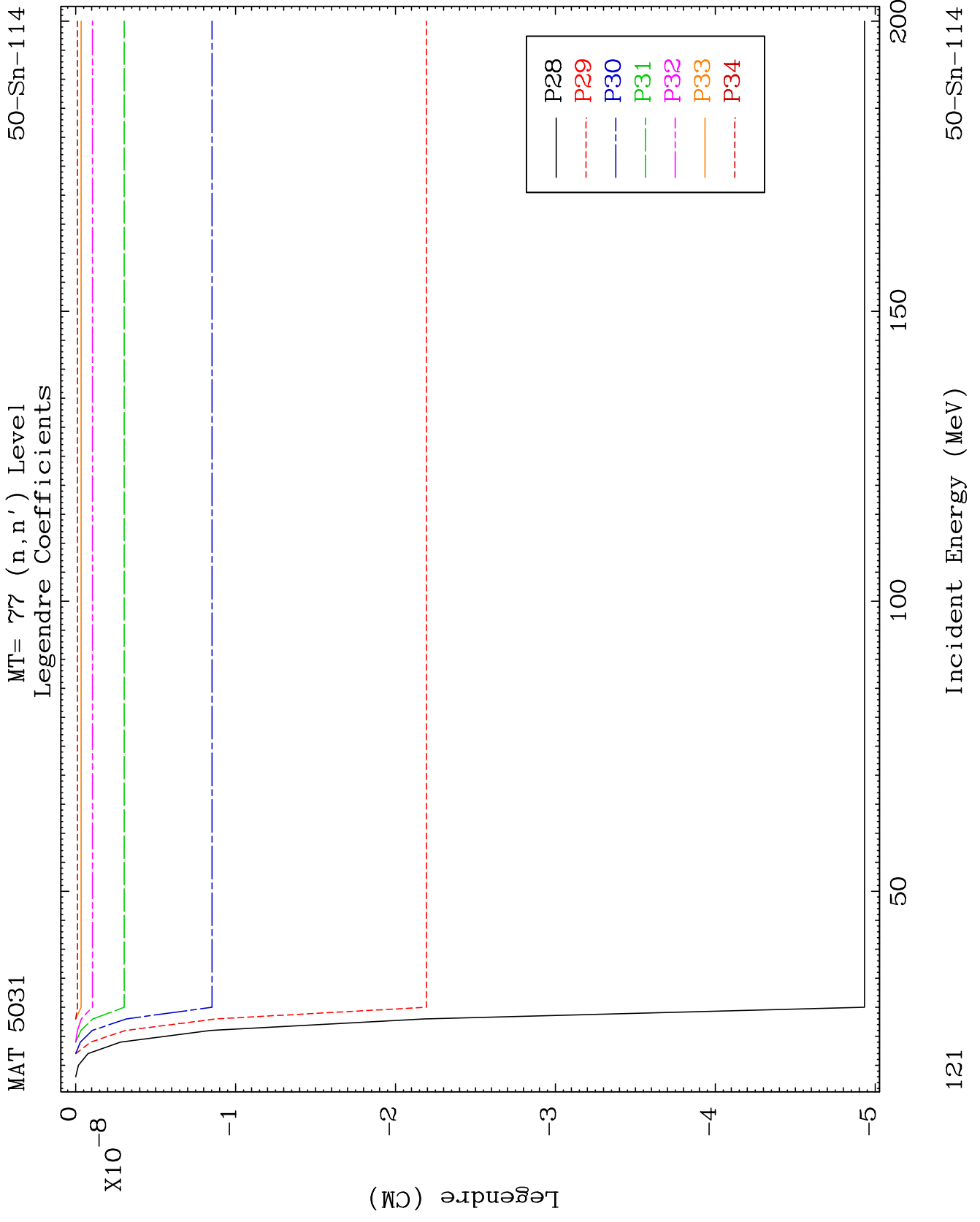


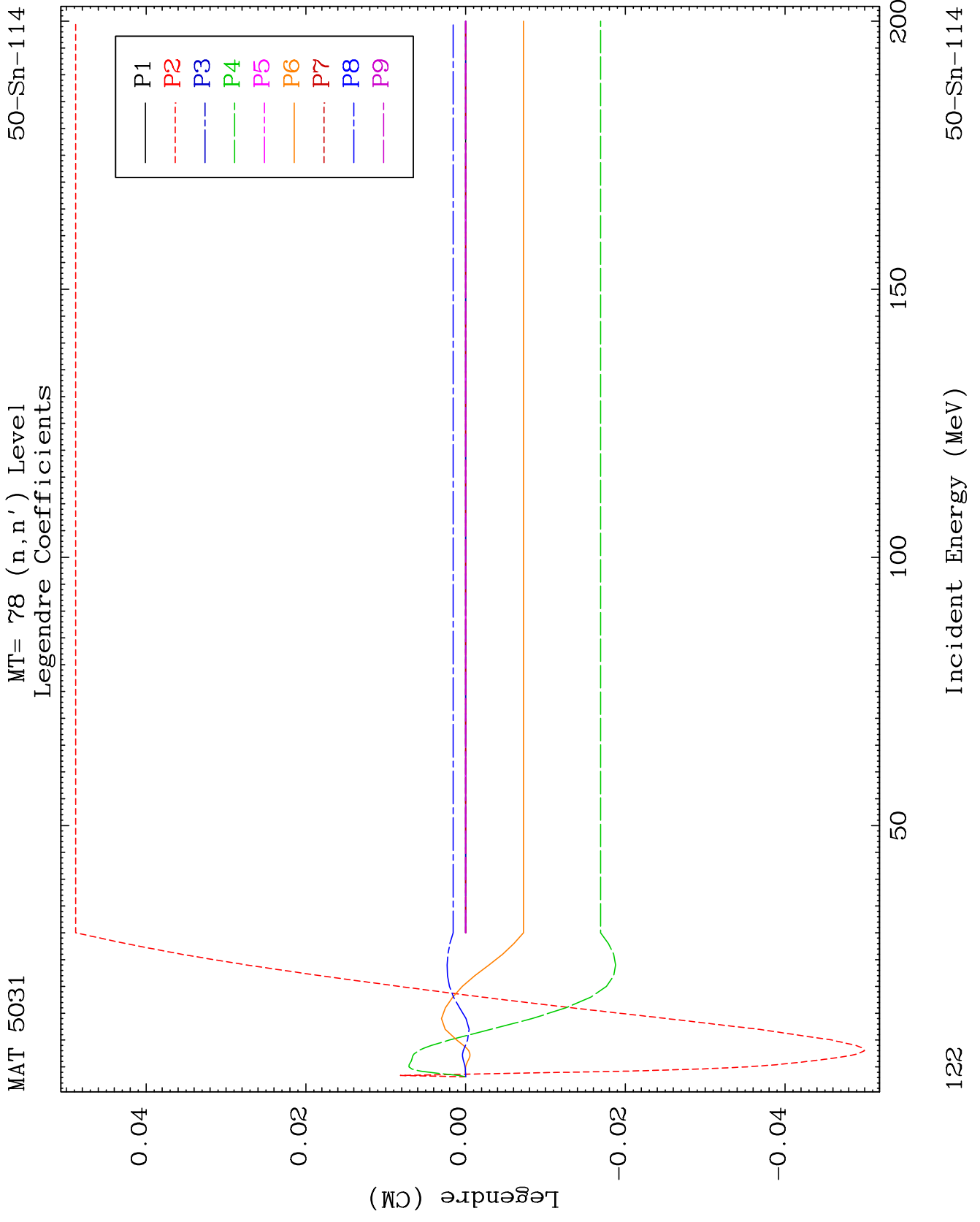
MAT 5031

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

50-Sn-114



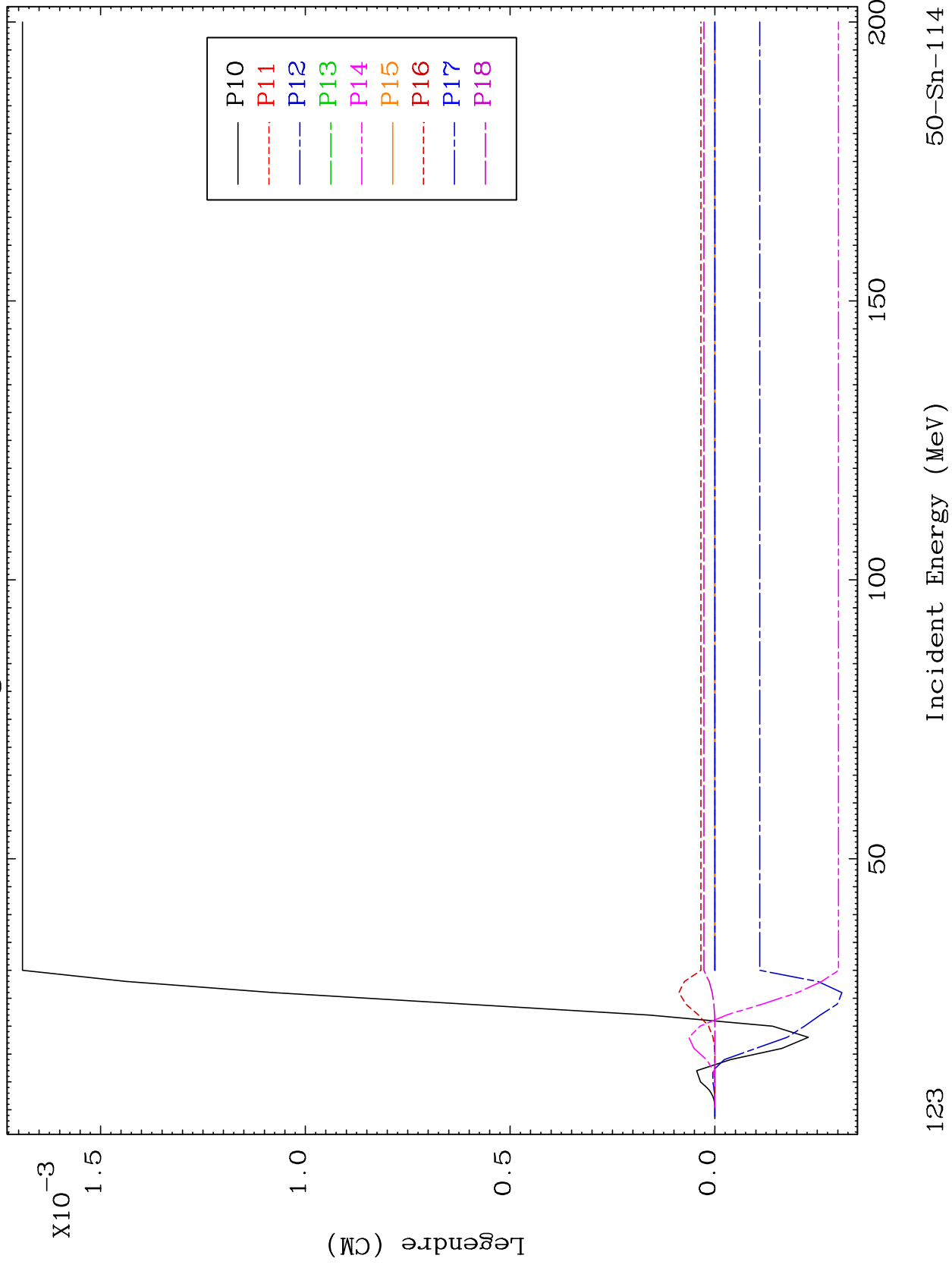




MAT 5031

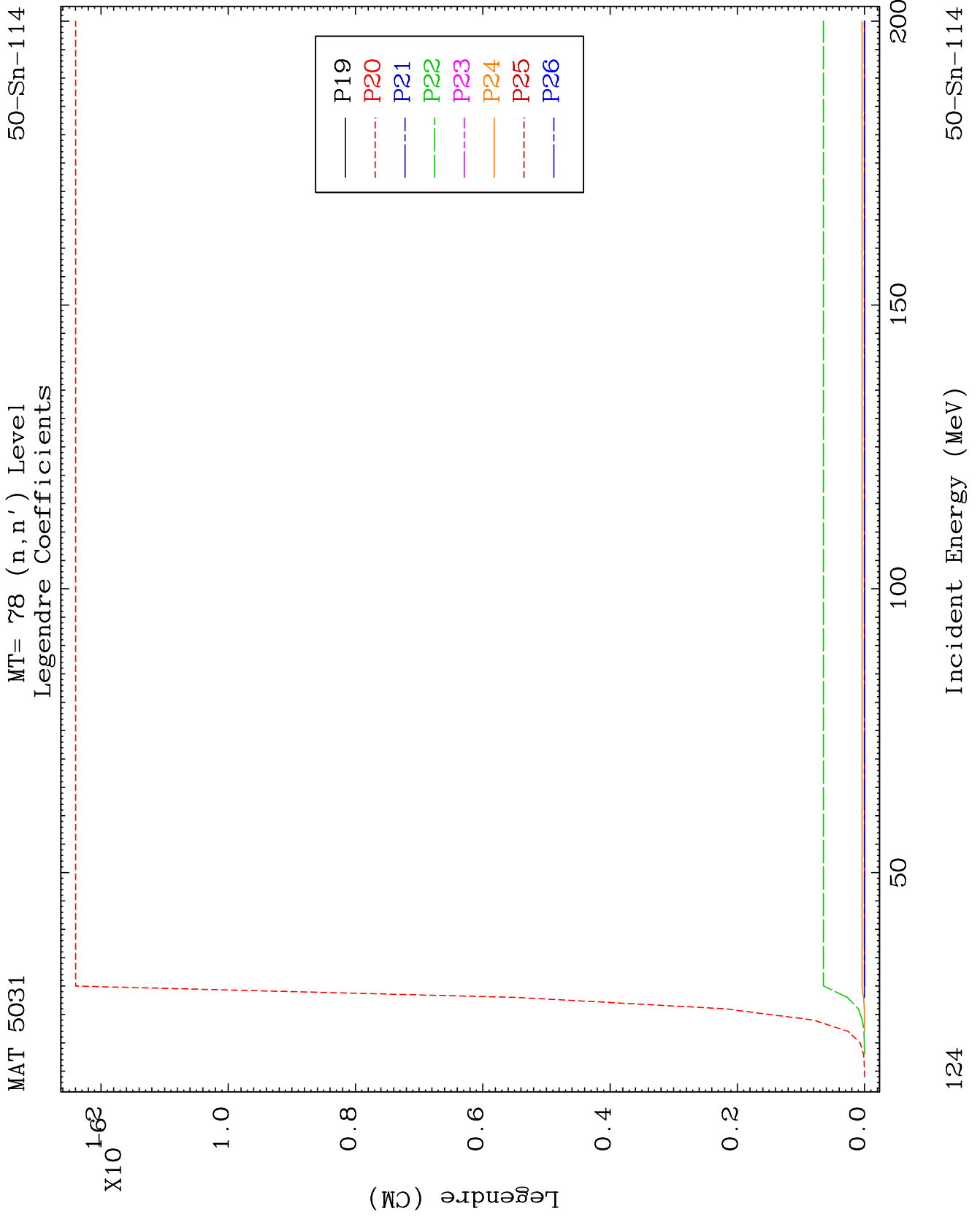
MT= 78 (n,n') Level
Legendre Coefficients

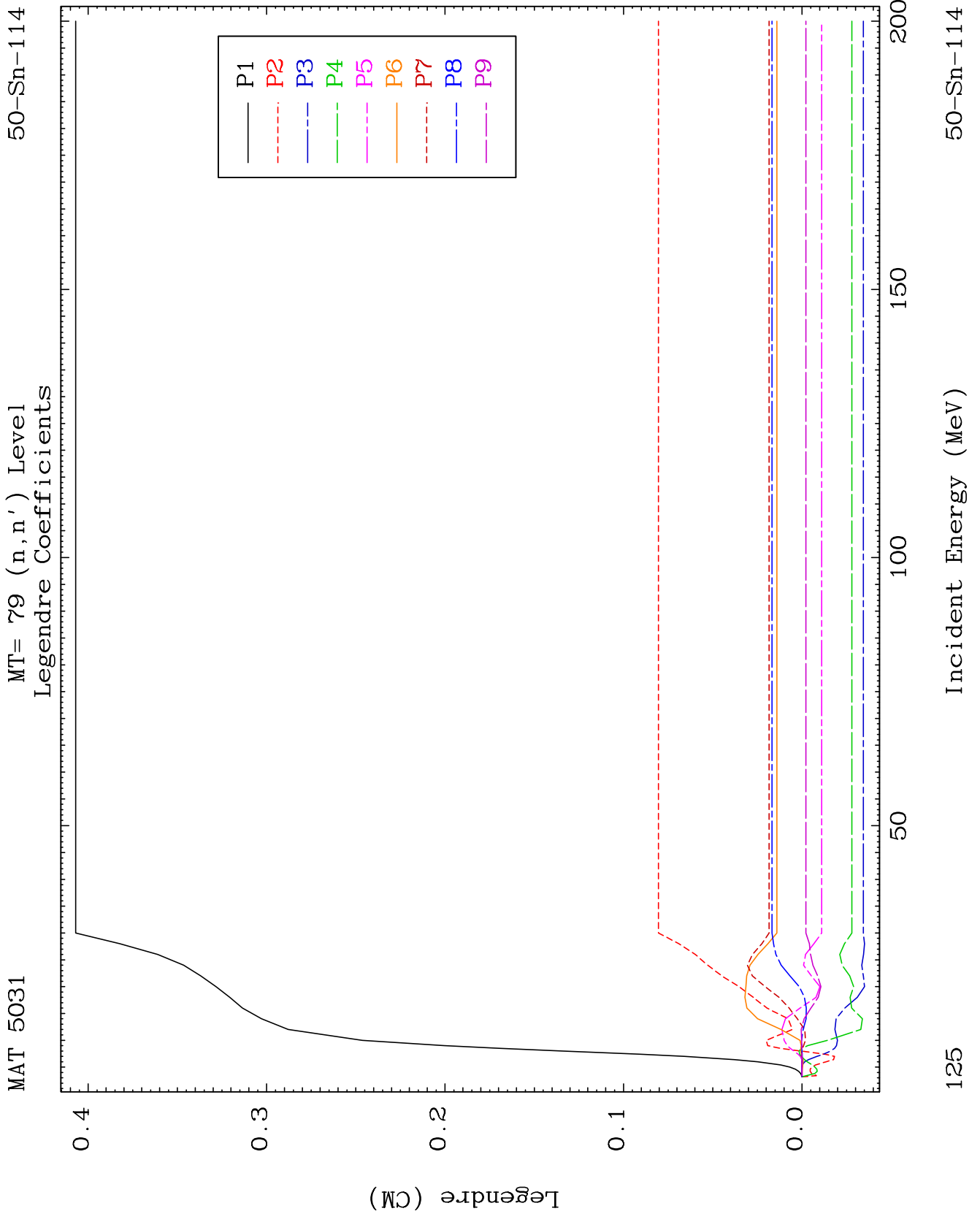
50-Sn-114



123

50-Sn-114

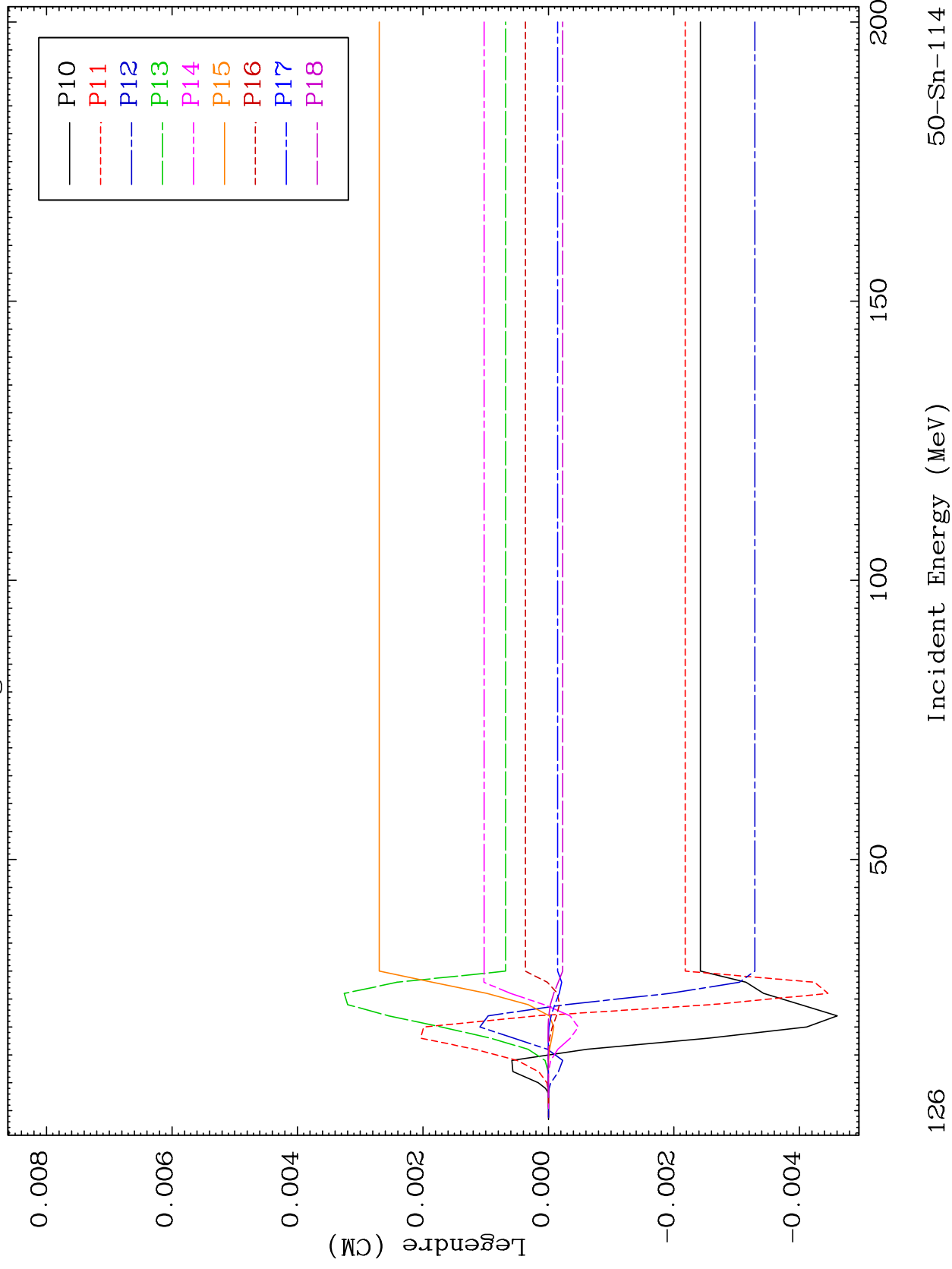




MAT 5031

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

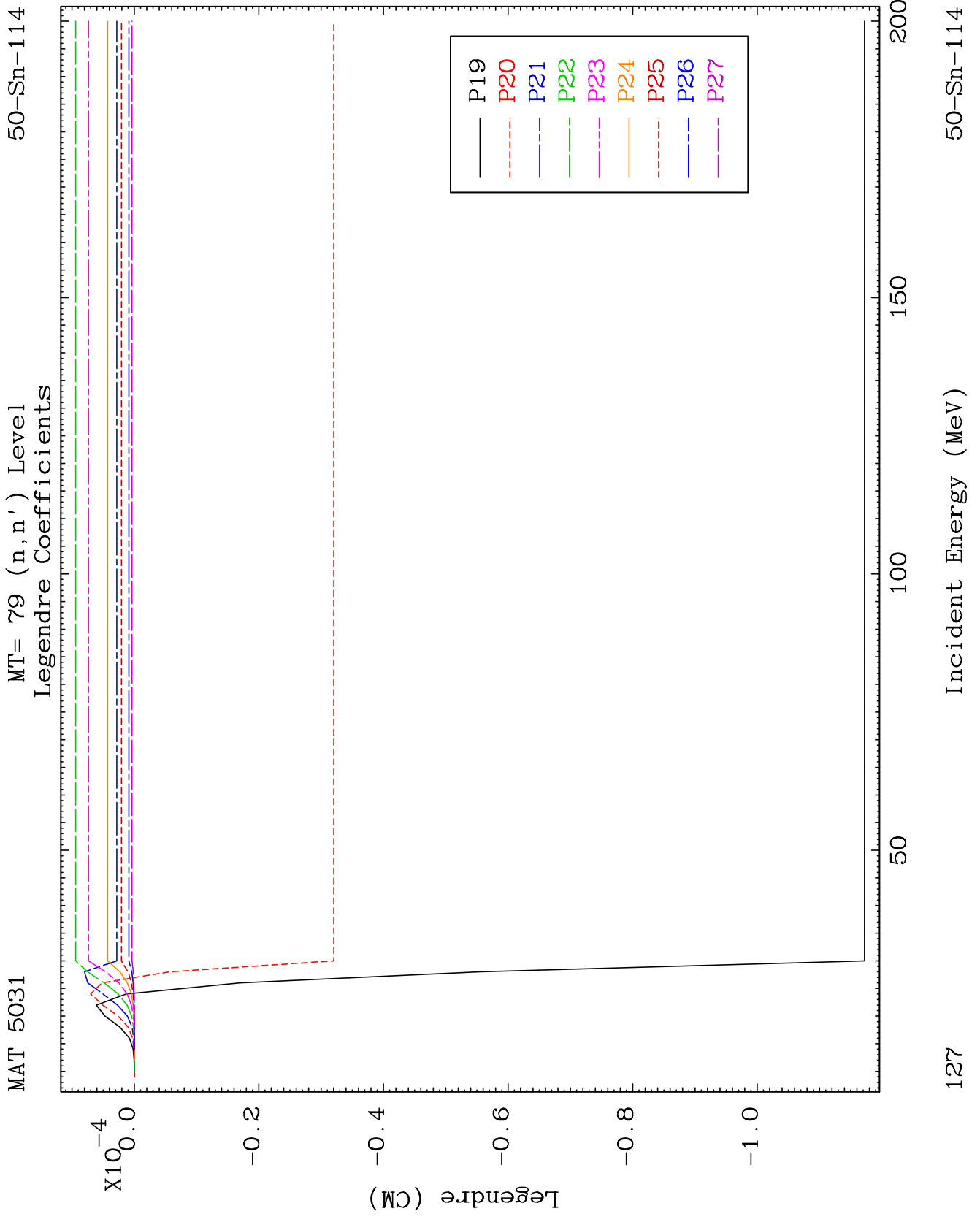
50-Sn-114



126

Incident Energy (MeV)

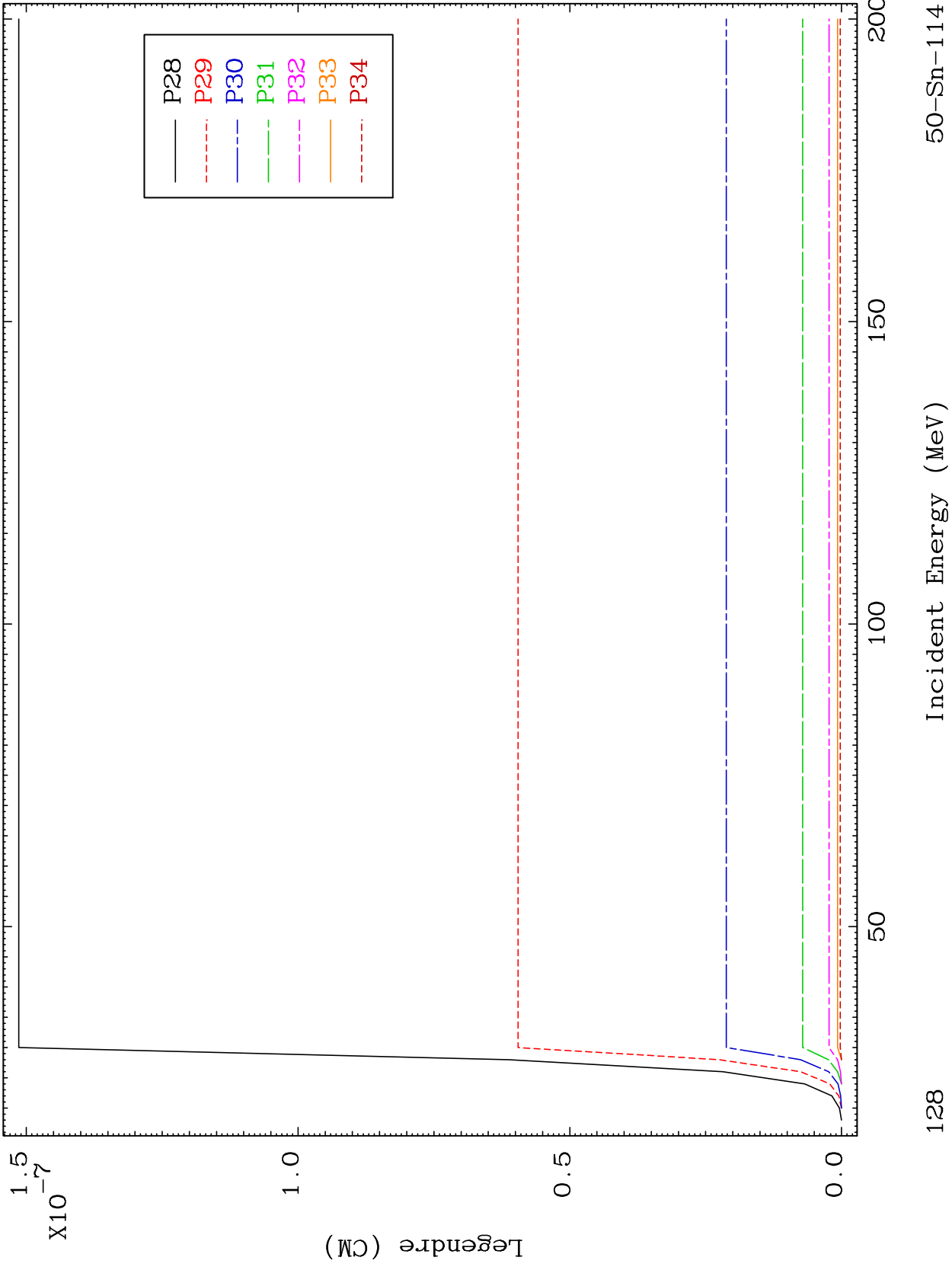
50-Sn-114



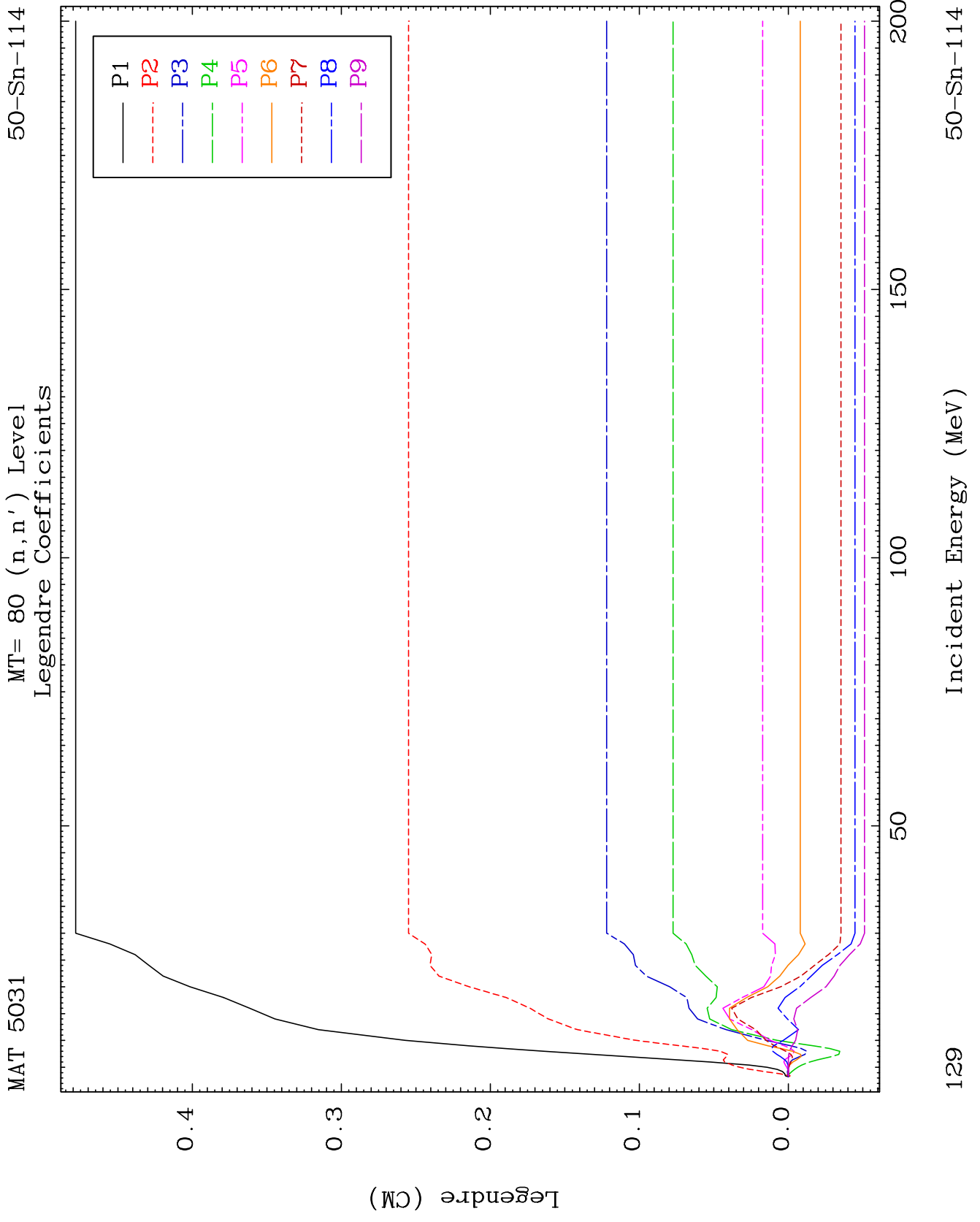
MAT 5031

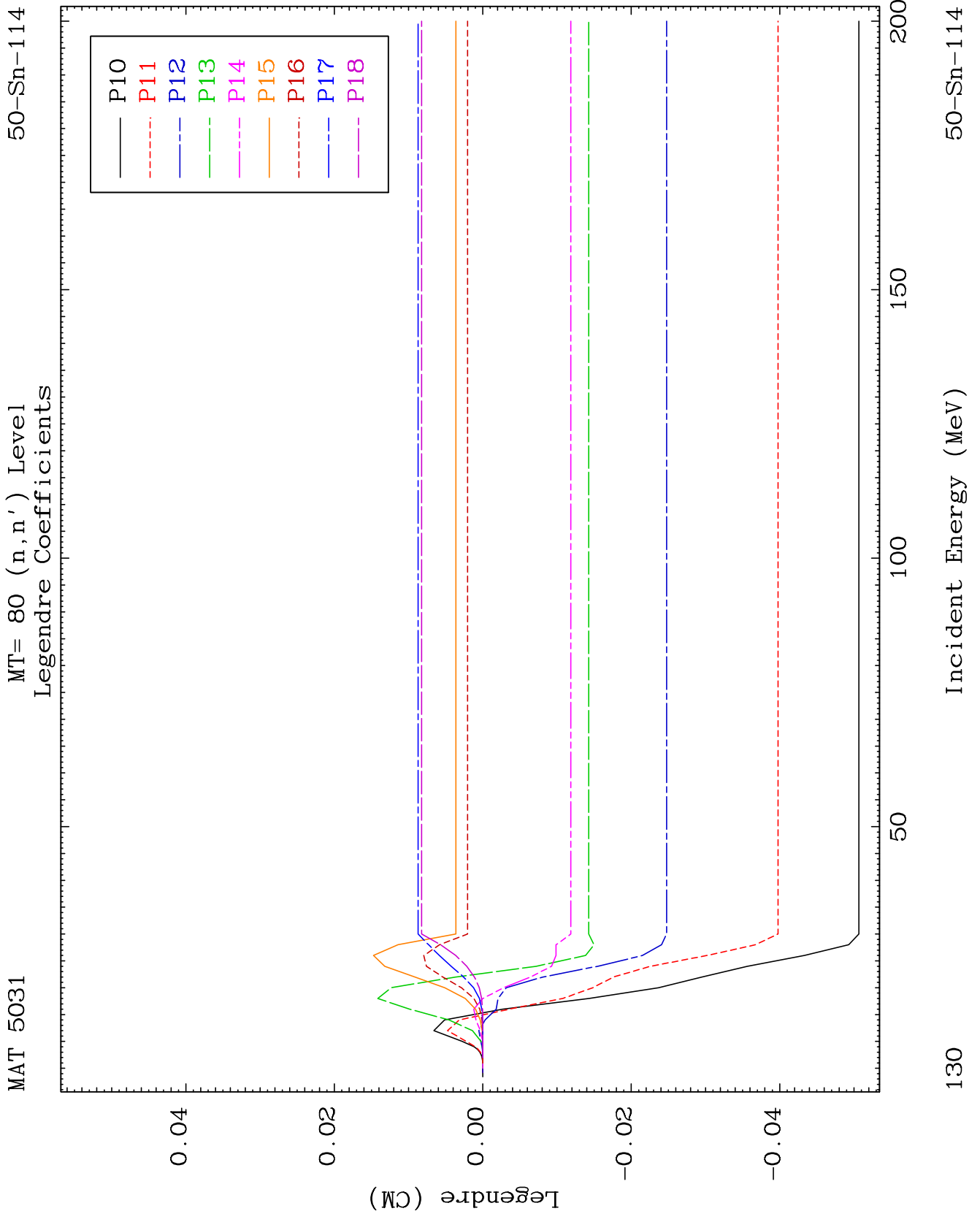
MT= 79 (n,n') Level
Legendre Coefficients

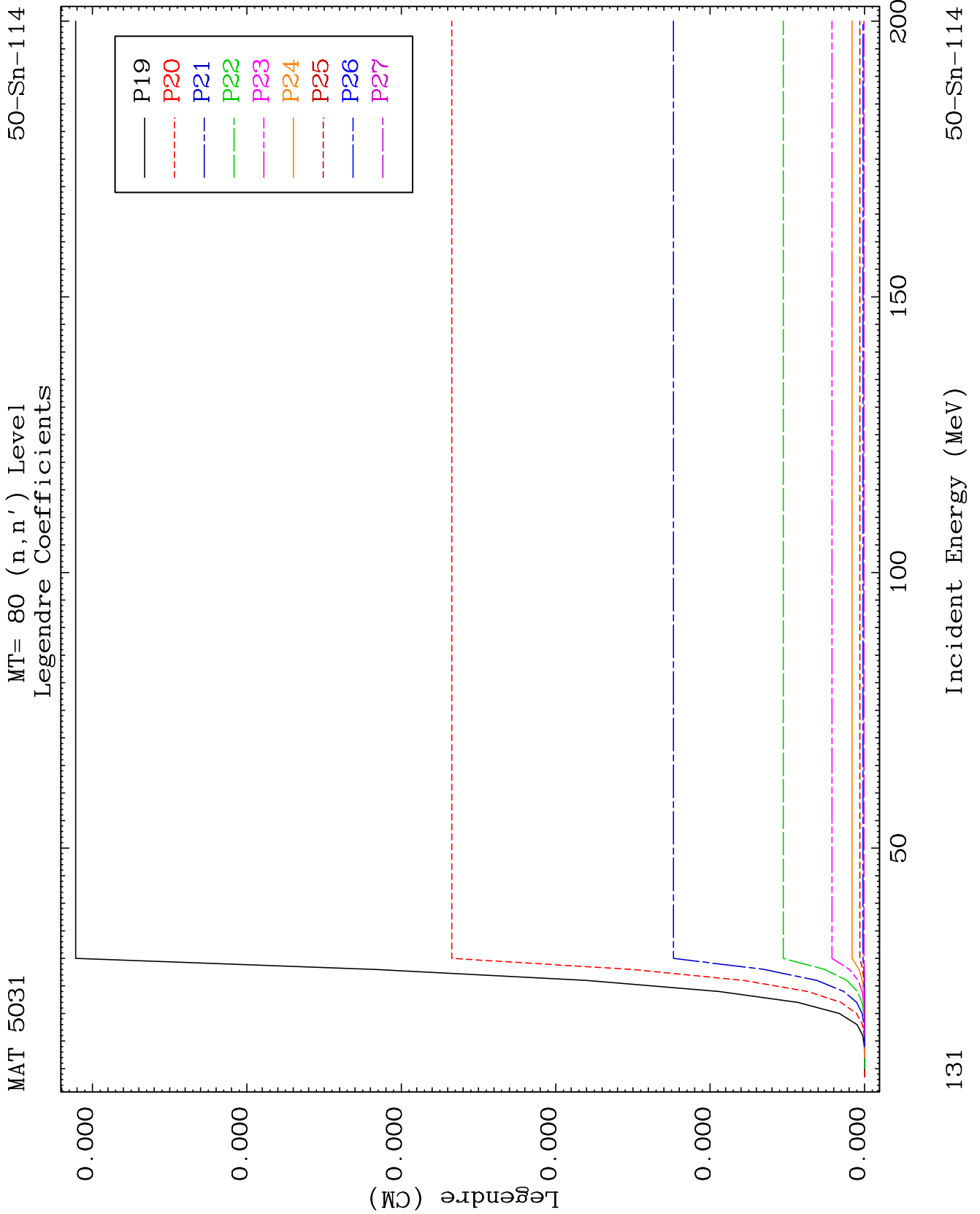
50-Sn-114

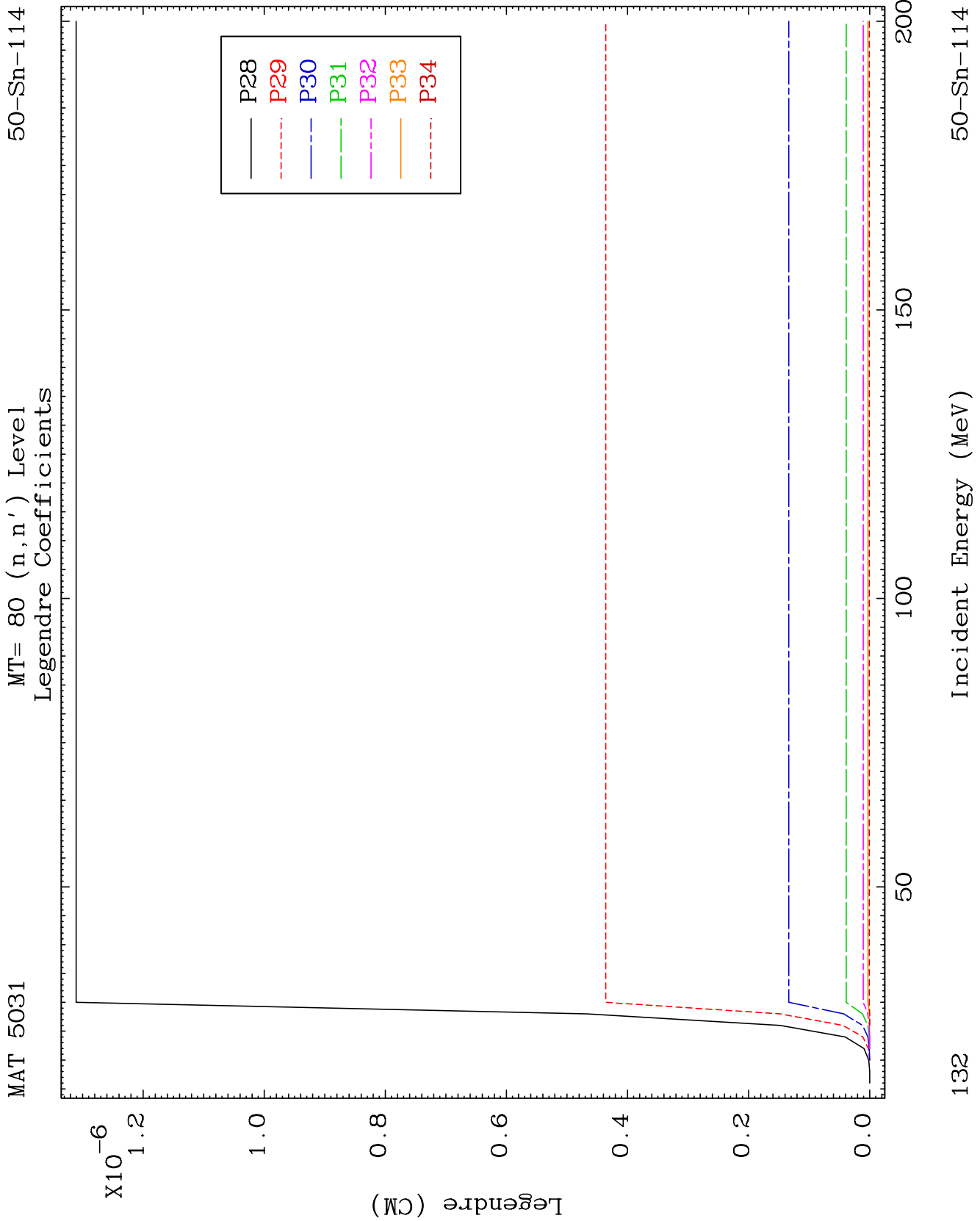


128

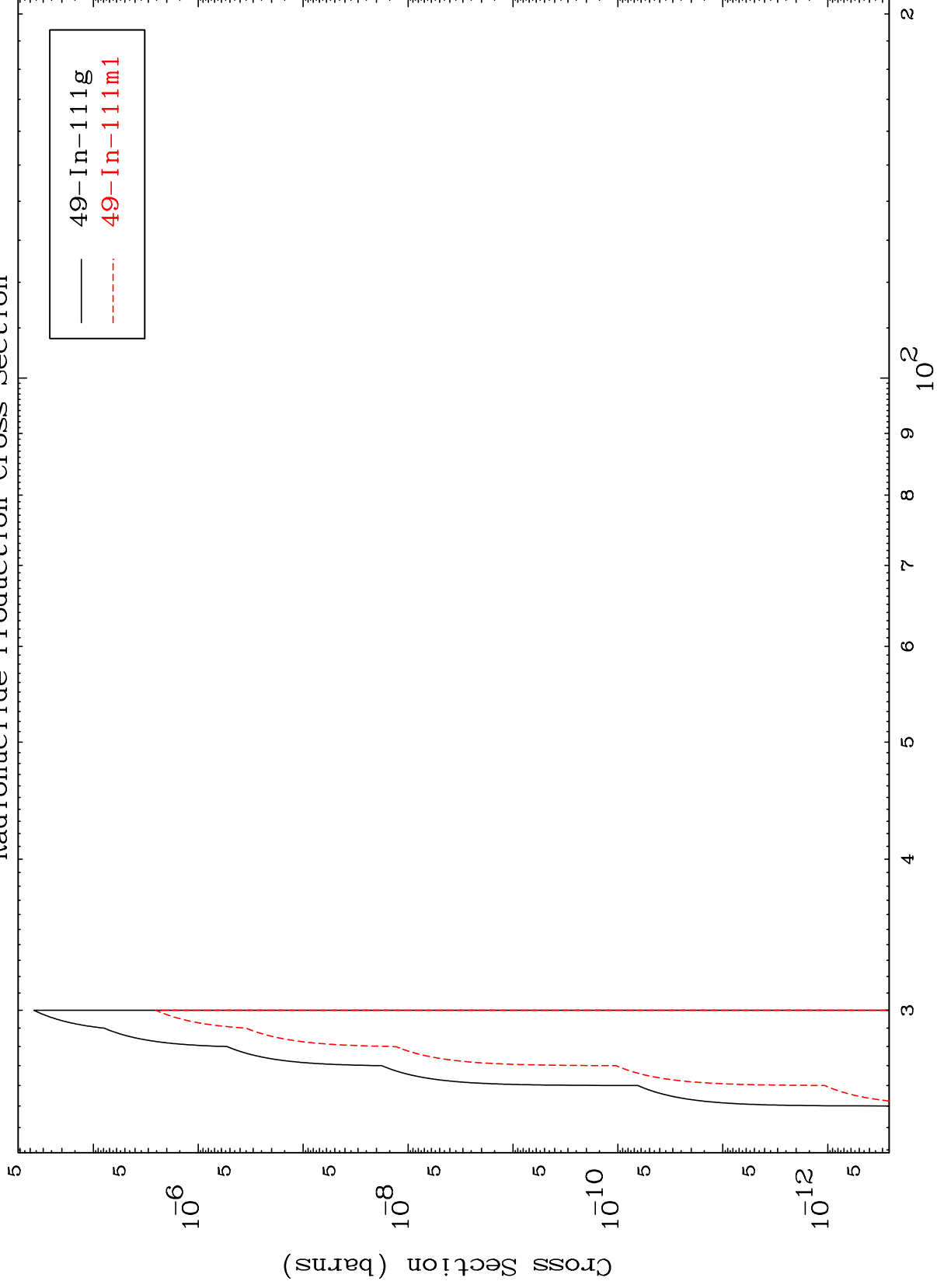








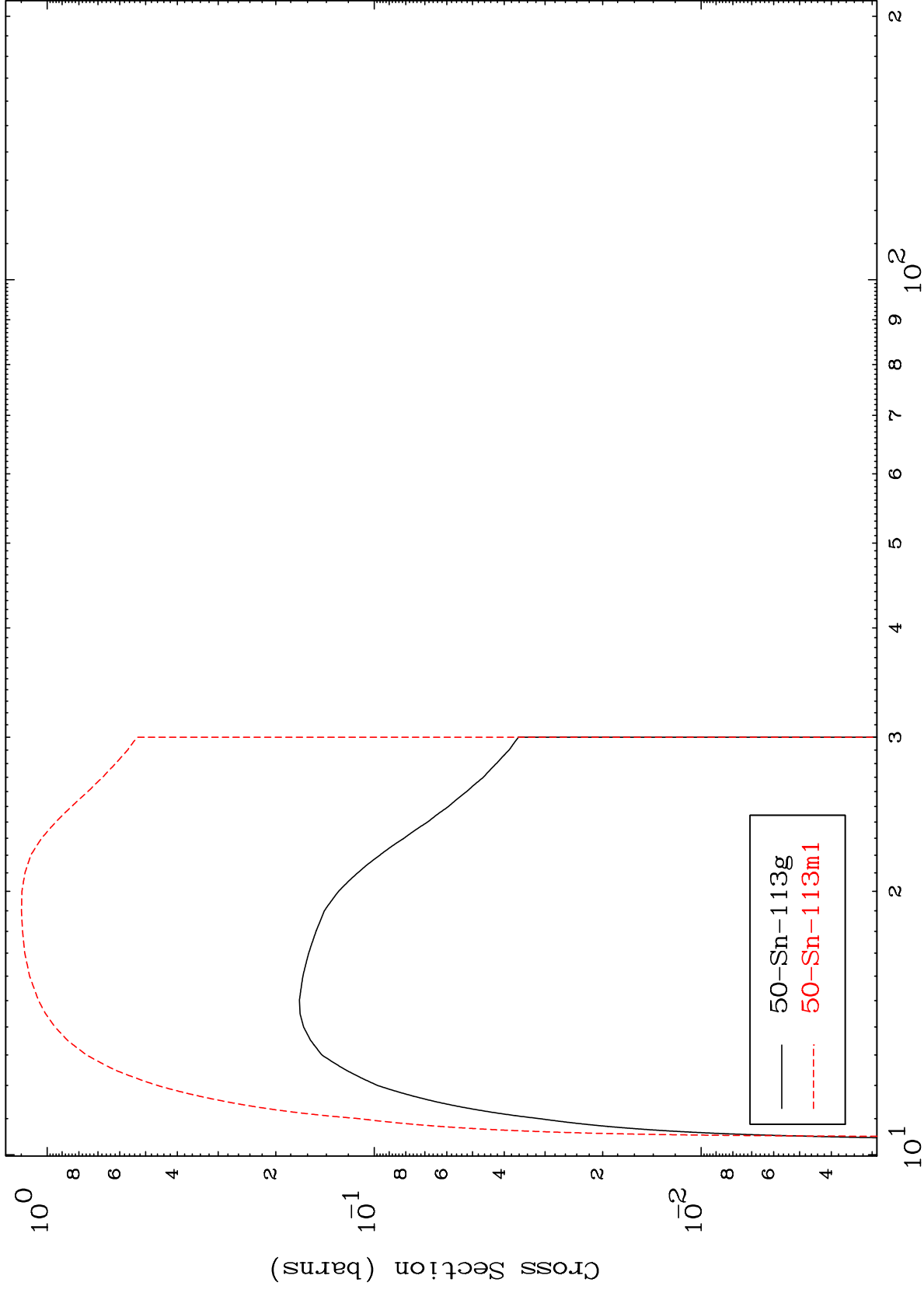
Radionuclide Production Cross Section



MAT 5031

50-Sn-114

(n,2n)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

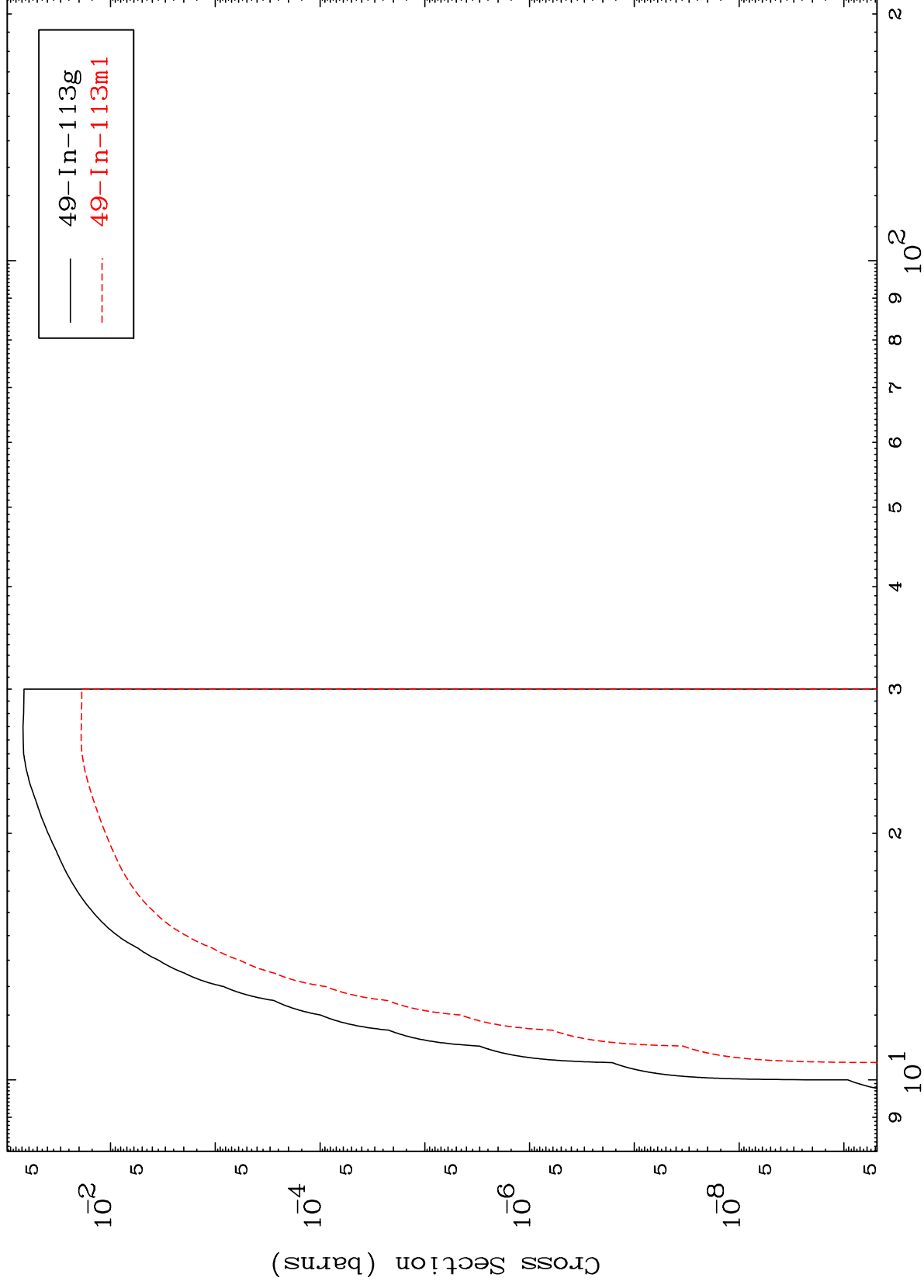
134

MAT 5031

(n,n') p

50-Sn-114

Radionuclide Production Cross Section



135

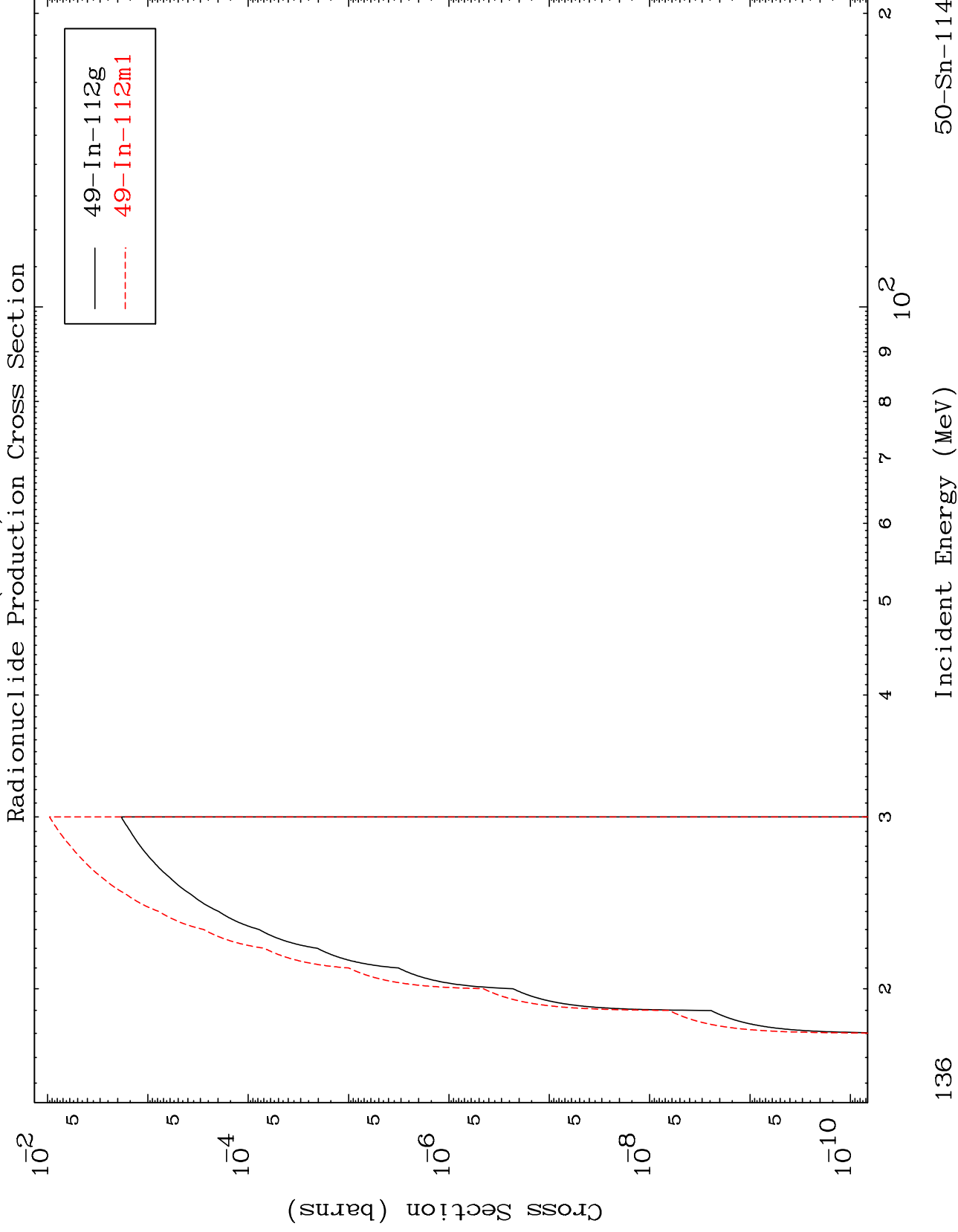
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,n') d

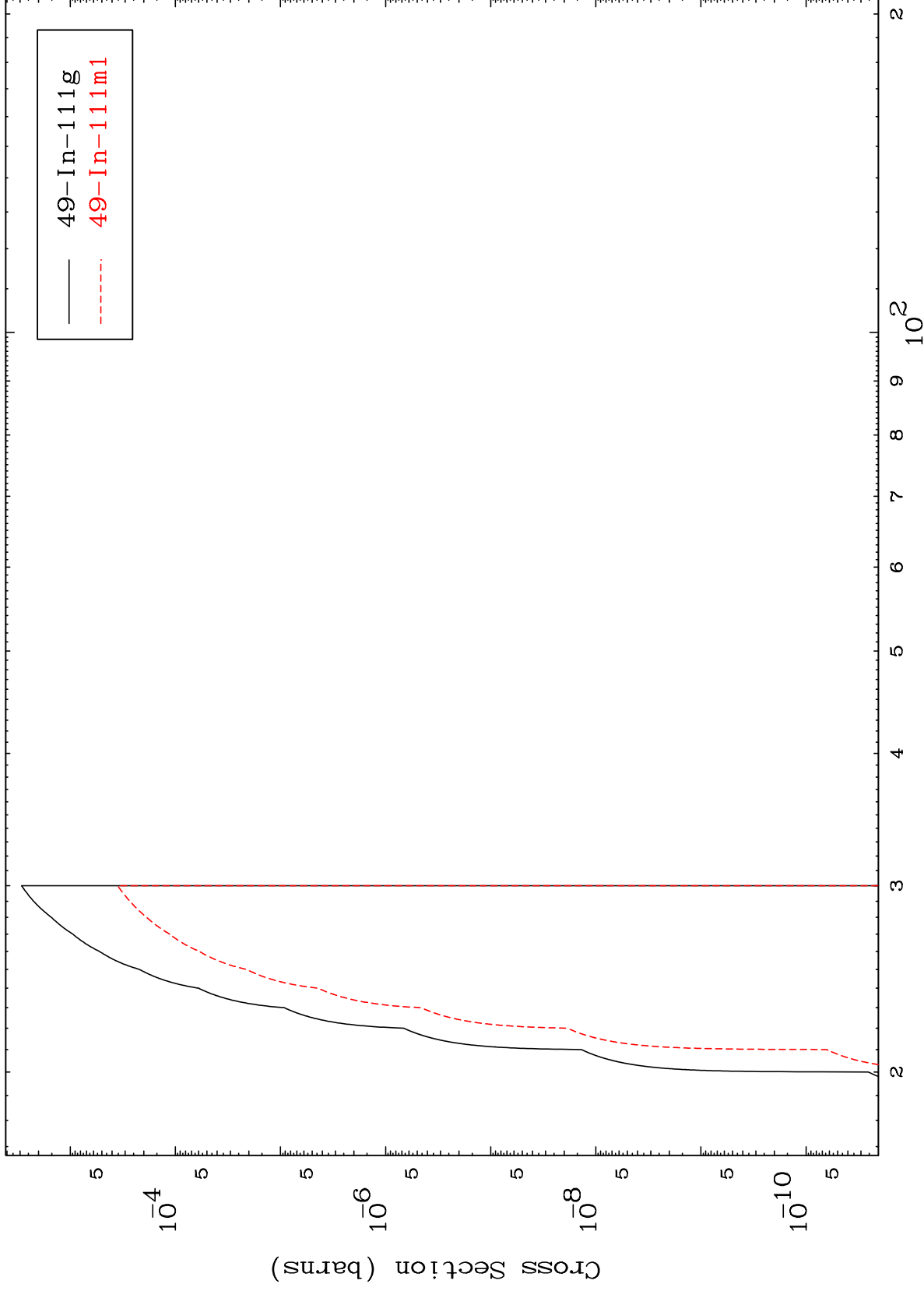
50-Sn-114



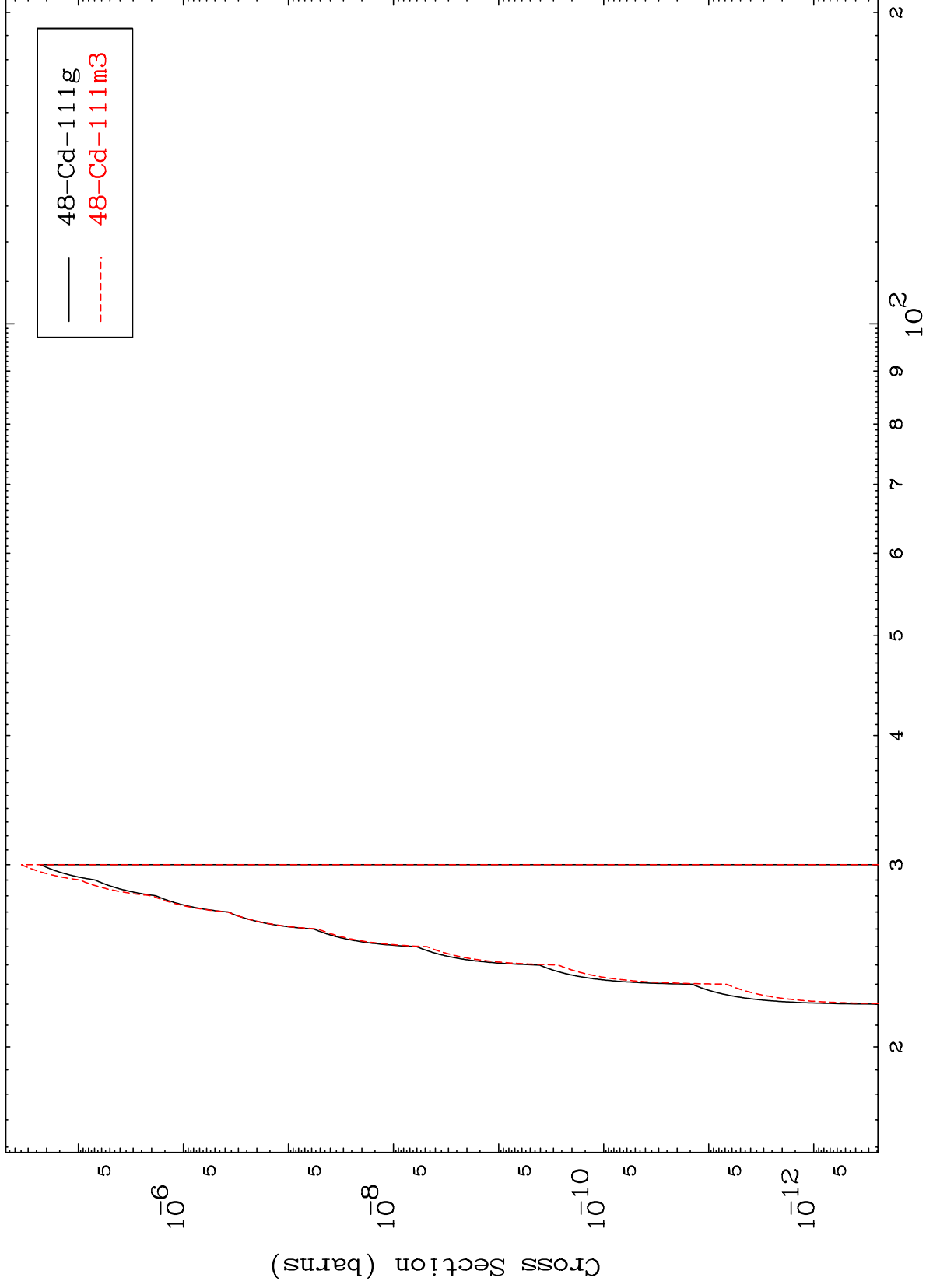
136

50-Sn-114

Radionuclide Production Cross Section



Radionuclide Production Cross Section

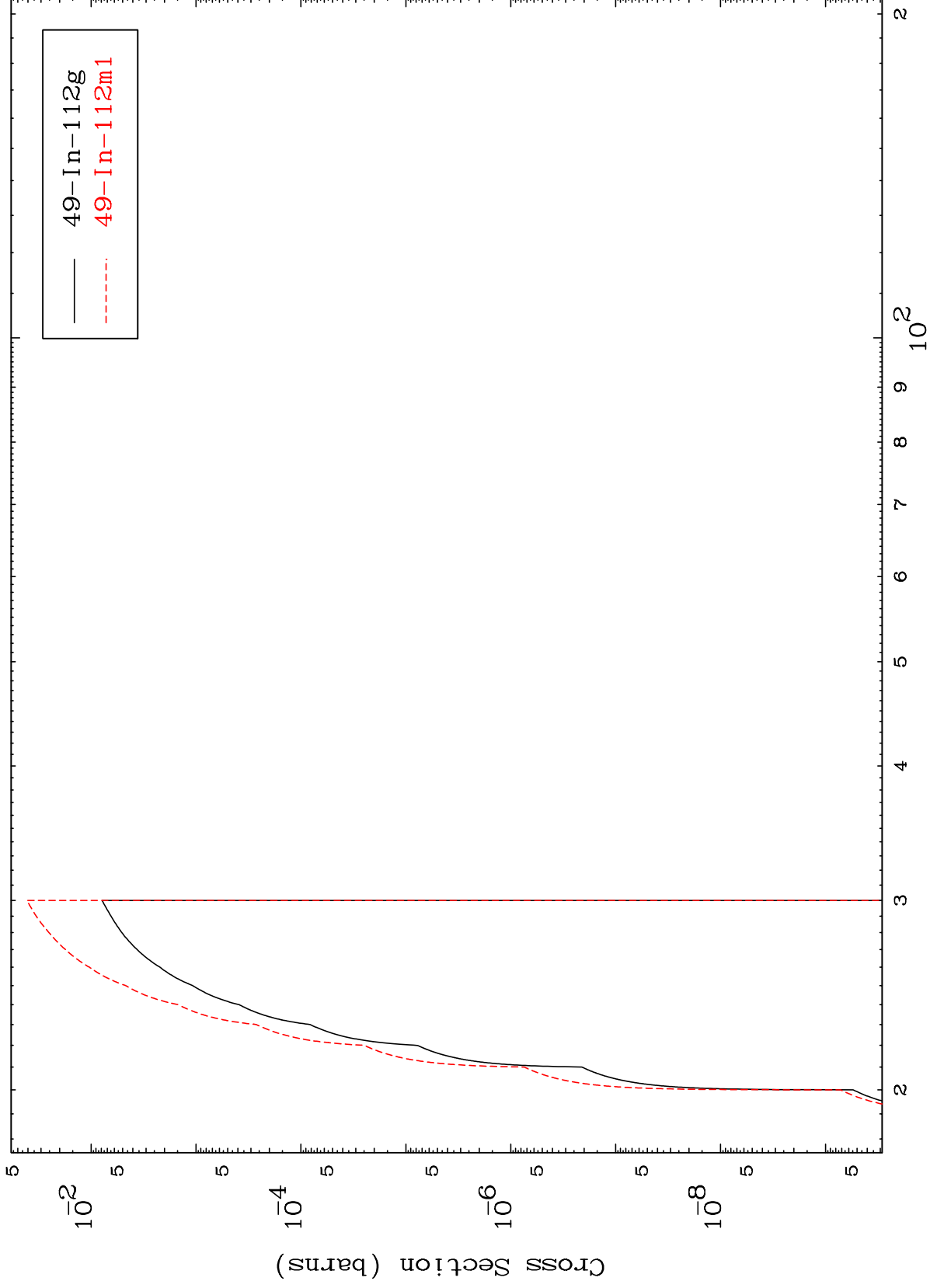


MAT 5031

(n,2n) p

50-Sn-114

Radionuclide Production Cross Section



139

Incident Energy (MeV)

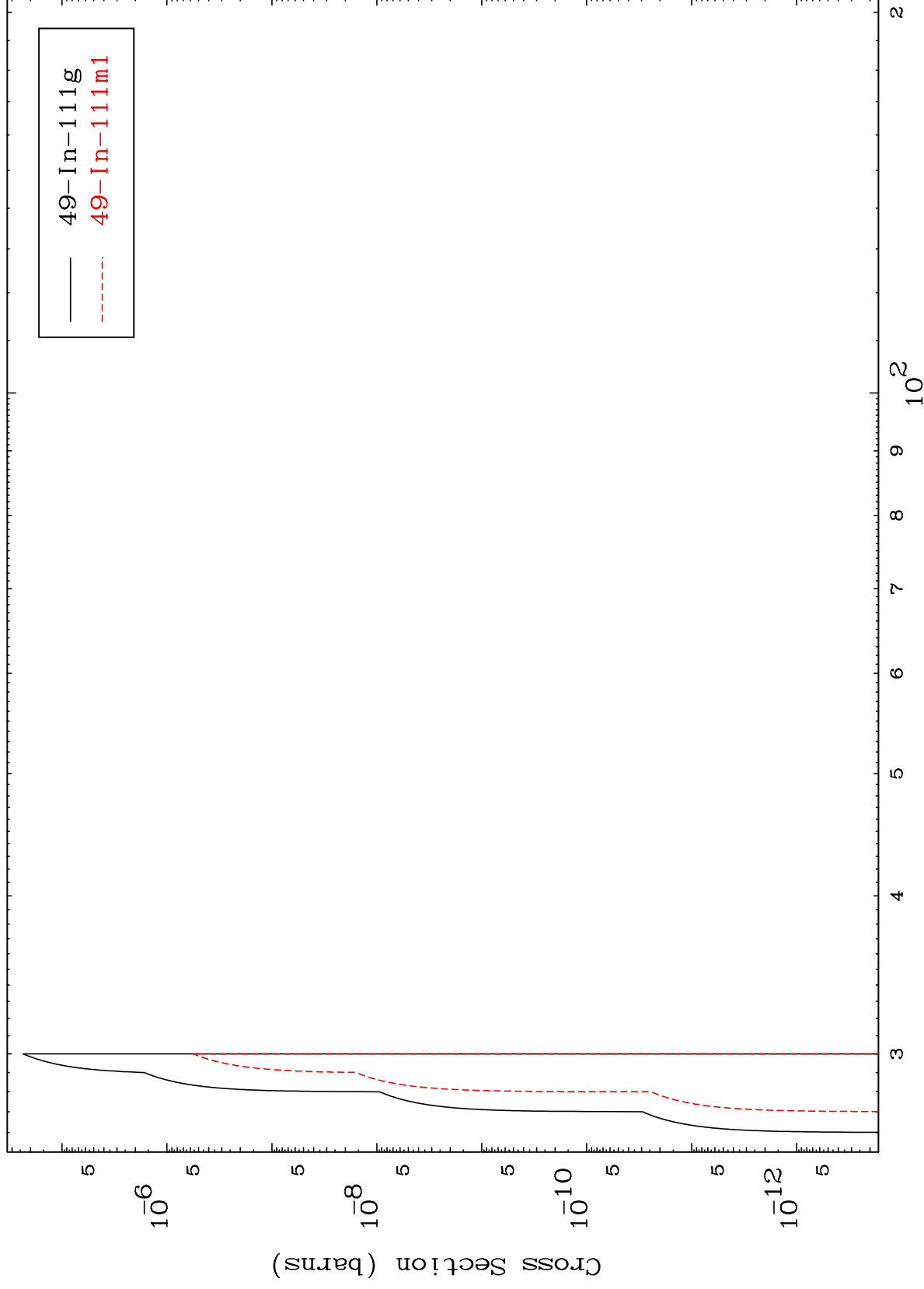
50-Sn-114

MAT 5031

50-Sn-114

(n,3n) p

Radionuclide Production Cross Section



140

Incident Energy (MeV)

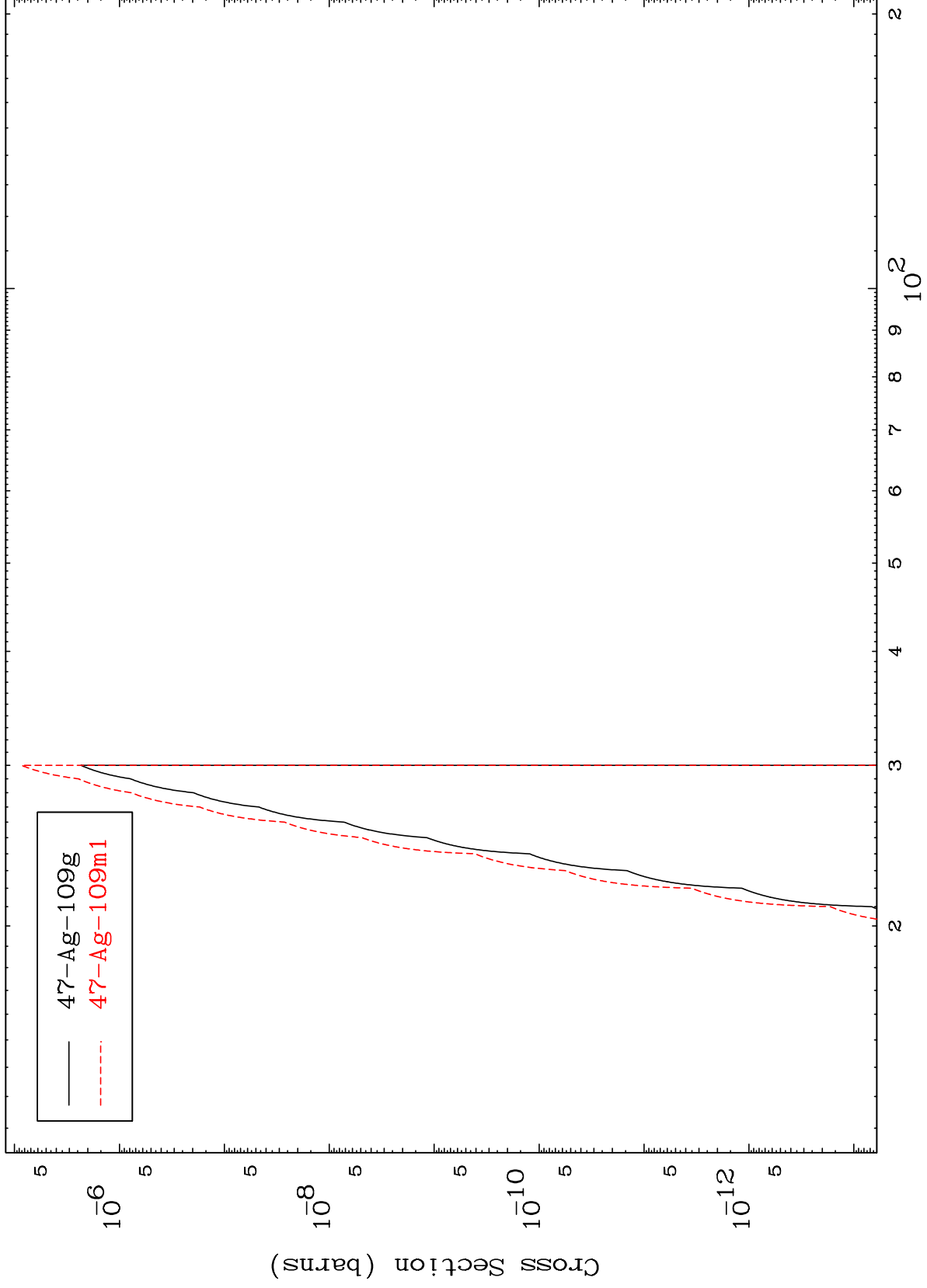
50-Sn-114

MAT 5031

(n,n') p α

50-Sn-114

Radionuclide Production Cross Section



141

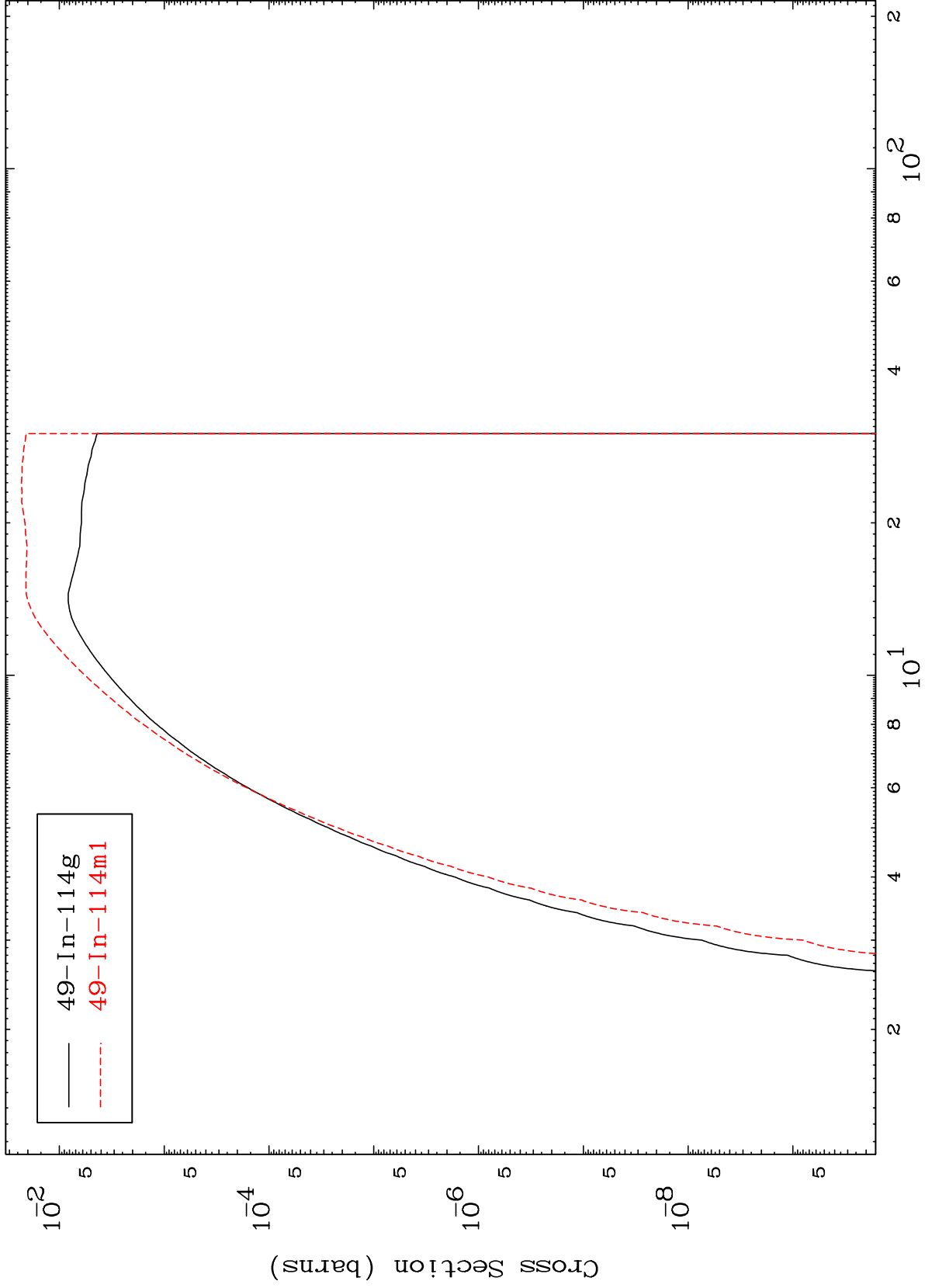
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,p)
Radionuclide Production Cross Section



50-Sn-114

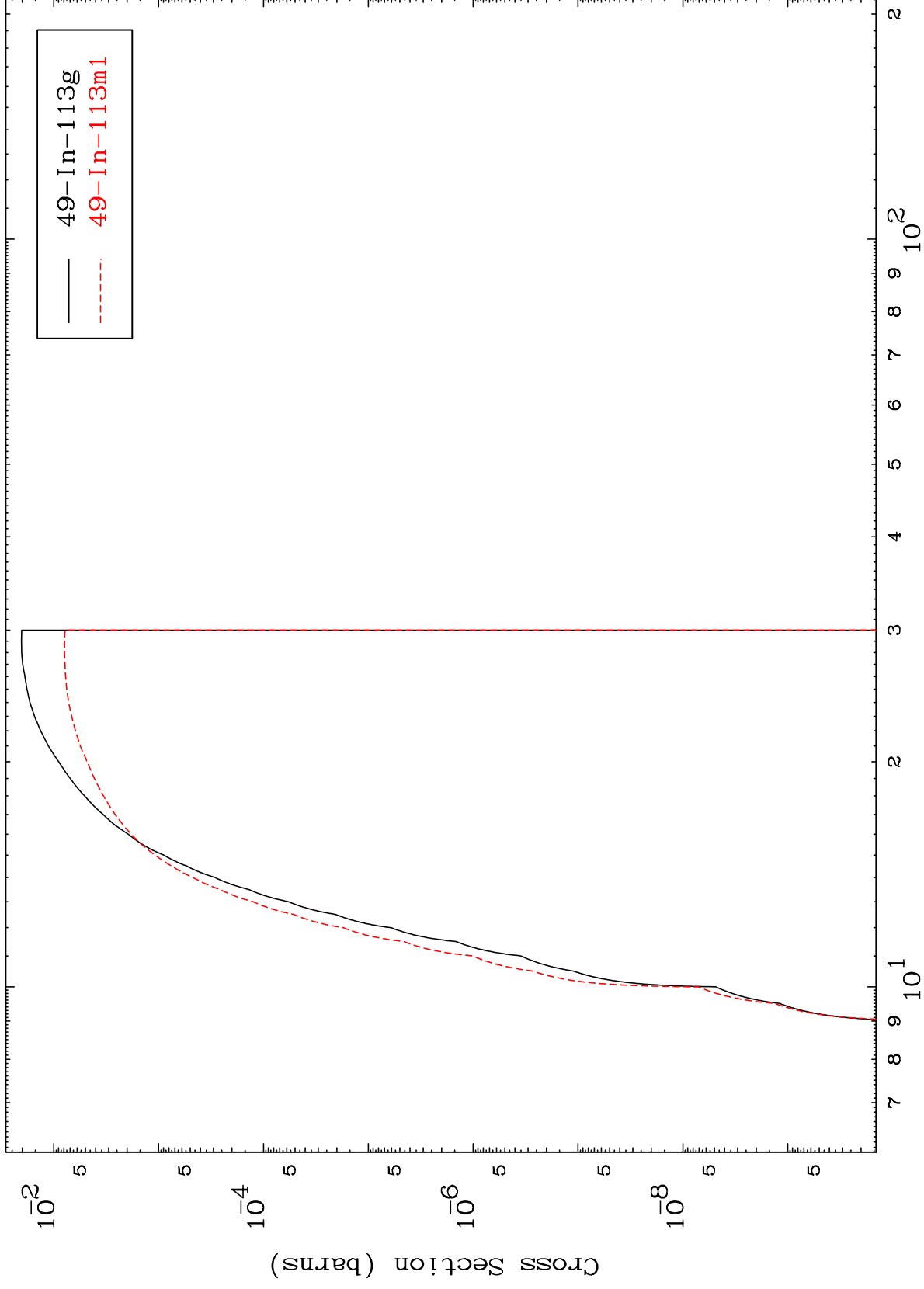
Incident Energy (MeV)

142

MAT 5031

50-Sn-114

(n,d)
Radionuclide Production Cross Section



143

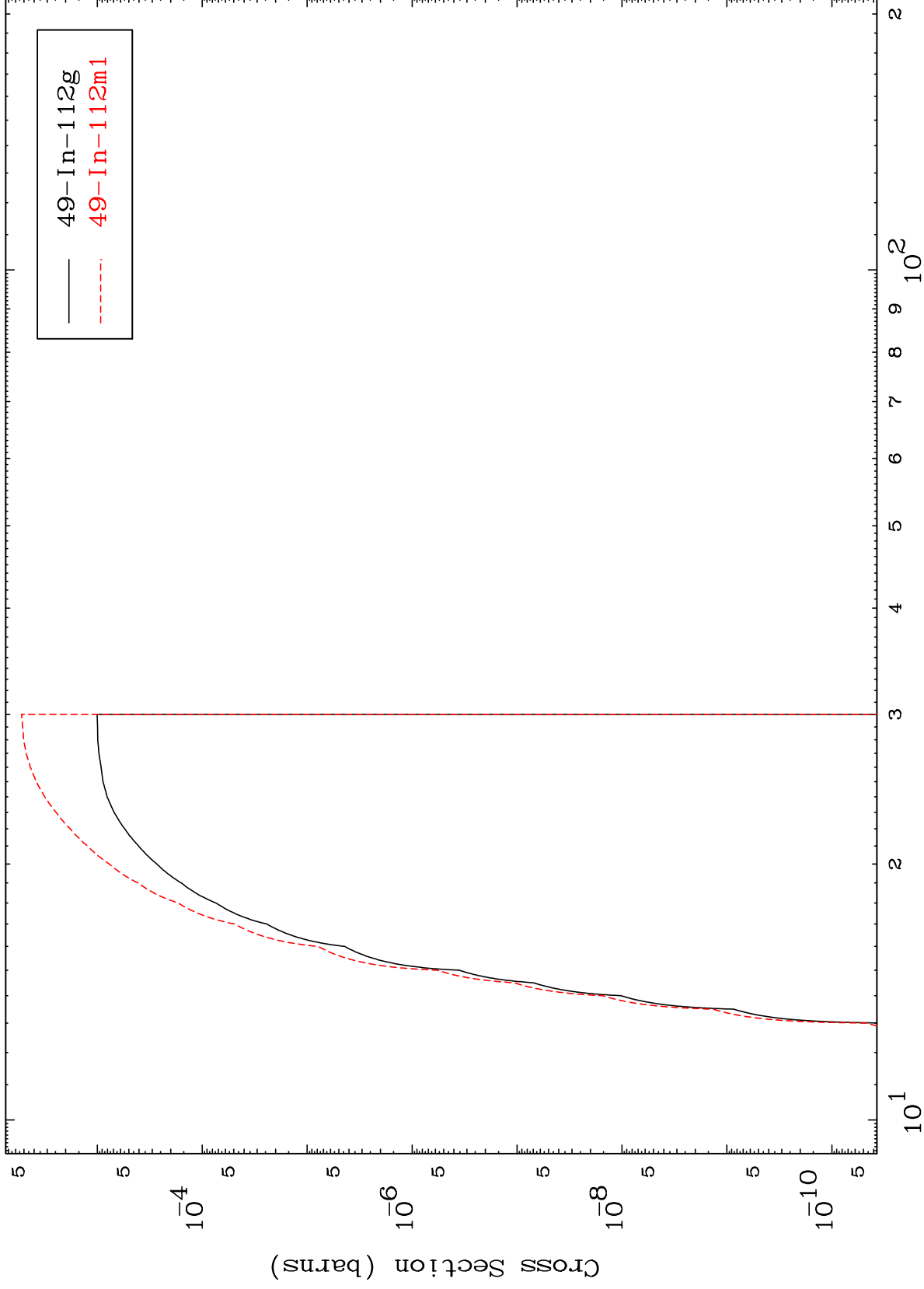
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,t)
Radionuclide Production Cross Section



50-Sn-114

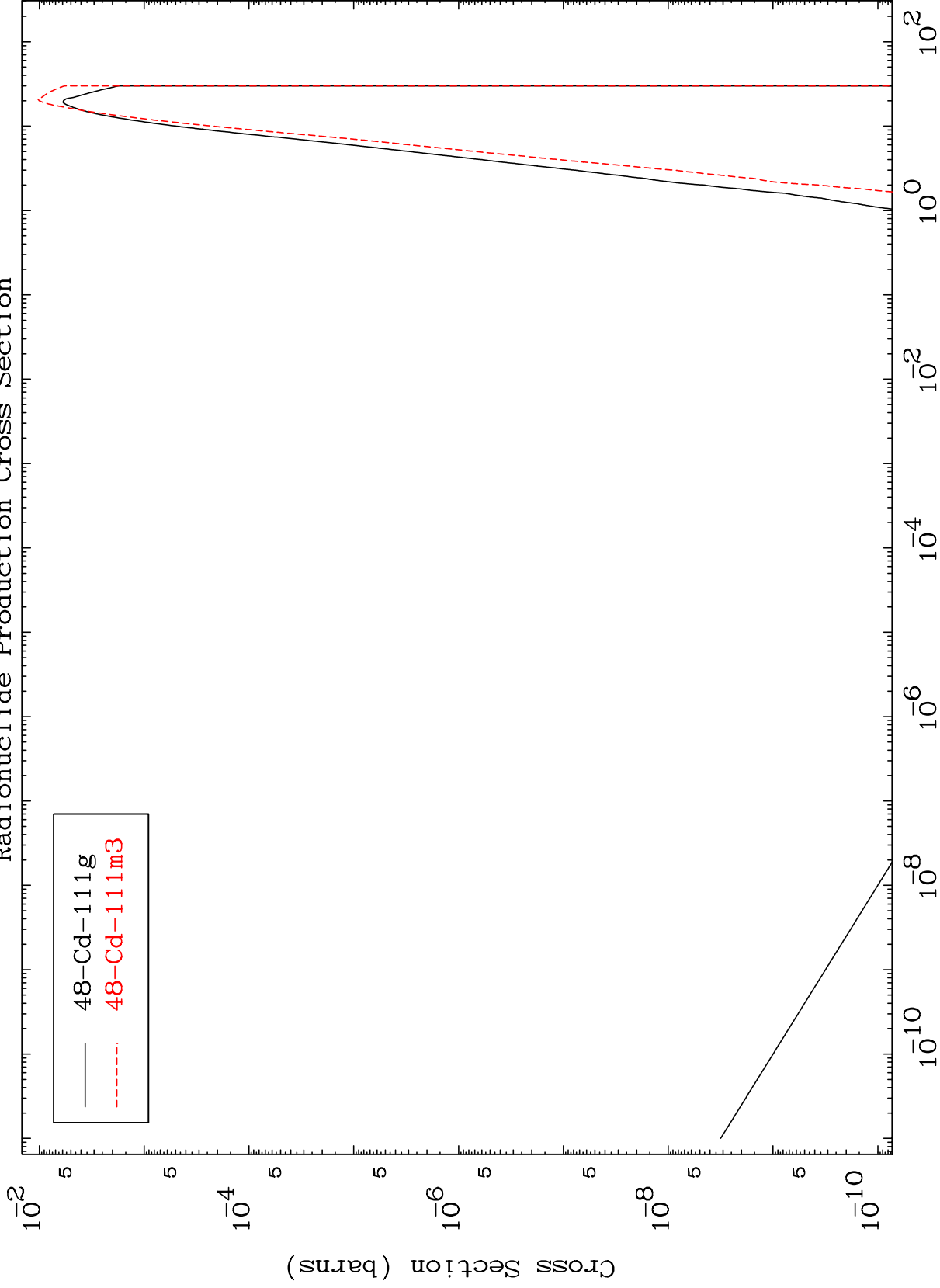
Incident Energy (MeV)

144

MAT 5031

50-Sn-114

Radionuclide Production Cross Section
(n, α)



145

Incident Energy (MeV)

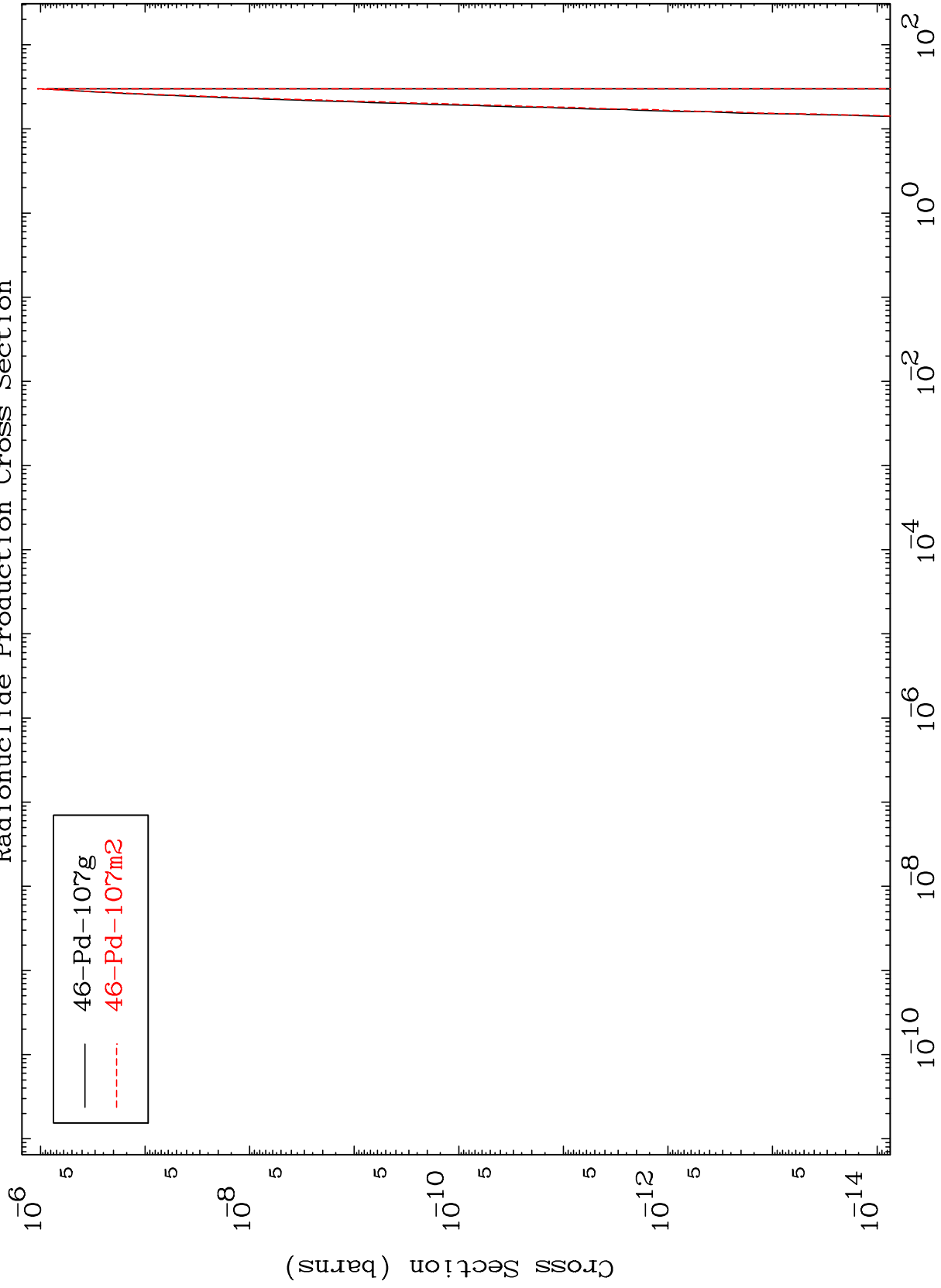
50-Sn-114

MAT 5031

(n,2α)

50-Sn-114

Radionuclide Production Cross Section



146

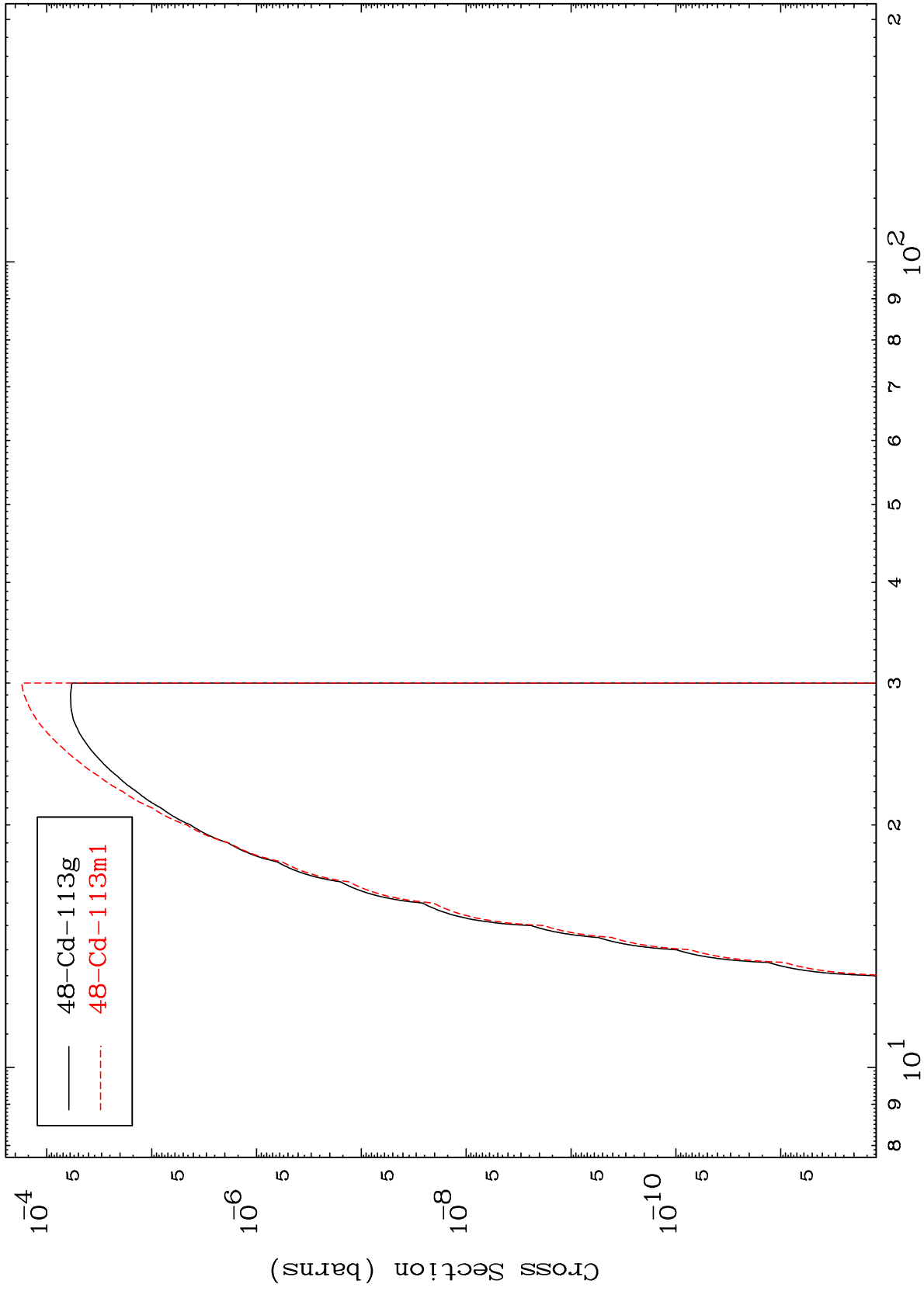
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,2p)
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

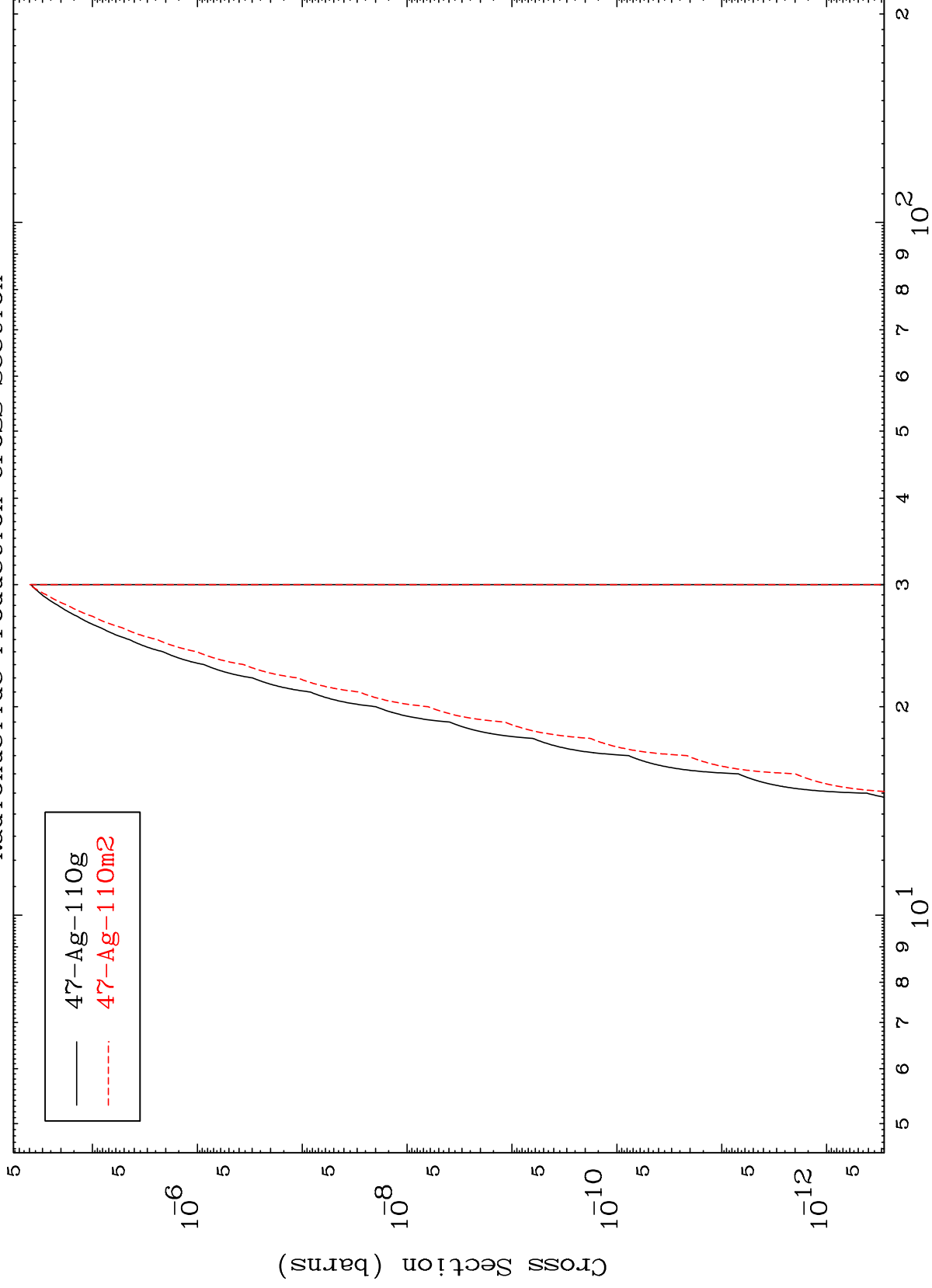
147

MAT 5031

50-Sn-114

(n,p) α

Radionuclide Production Cross Section

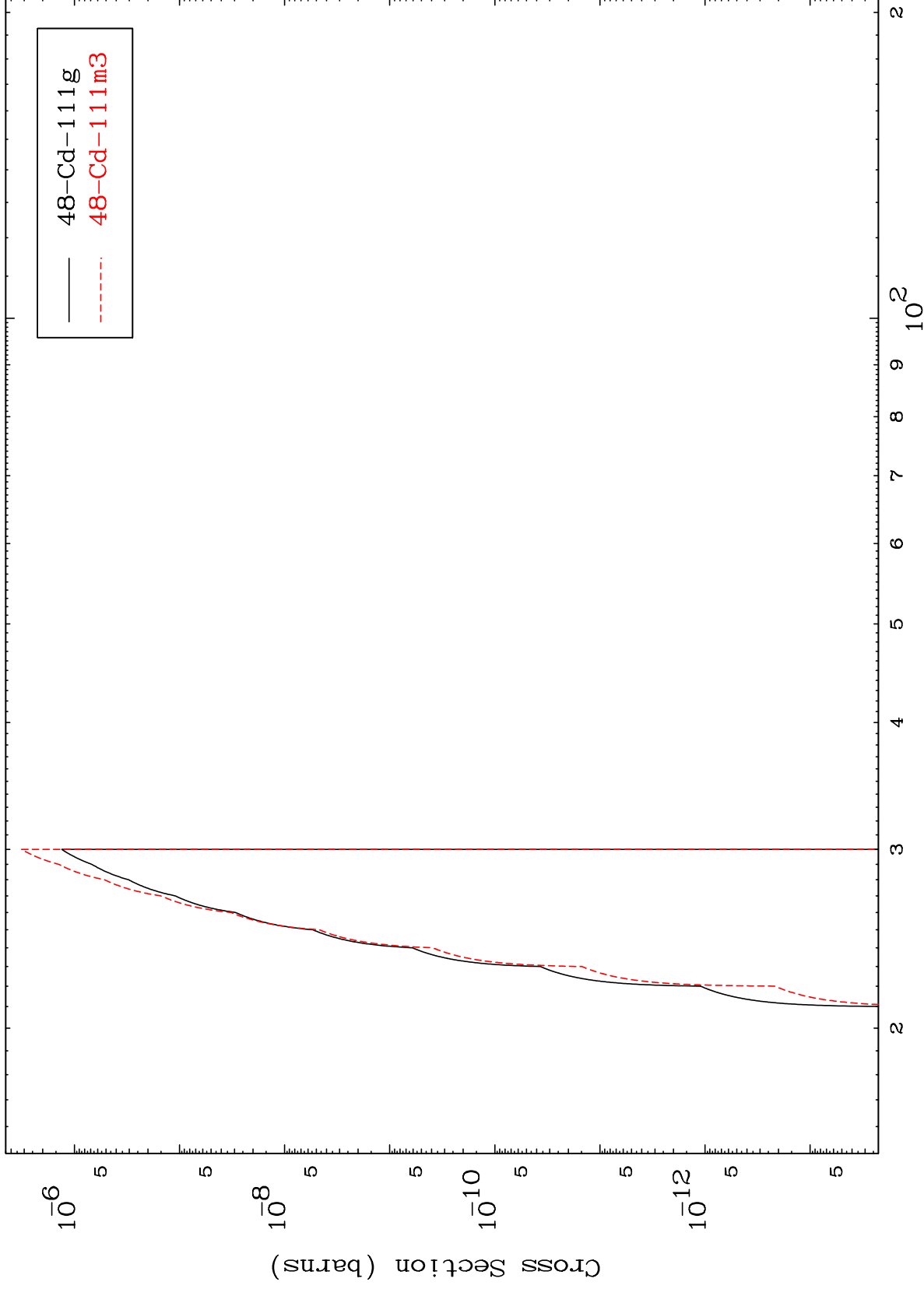


148

Incident Energy (MeV)

50-Sn-114

Radionuclide Production Cross Section

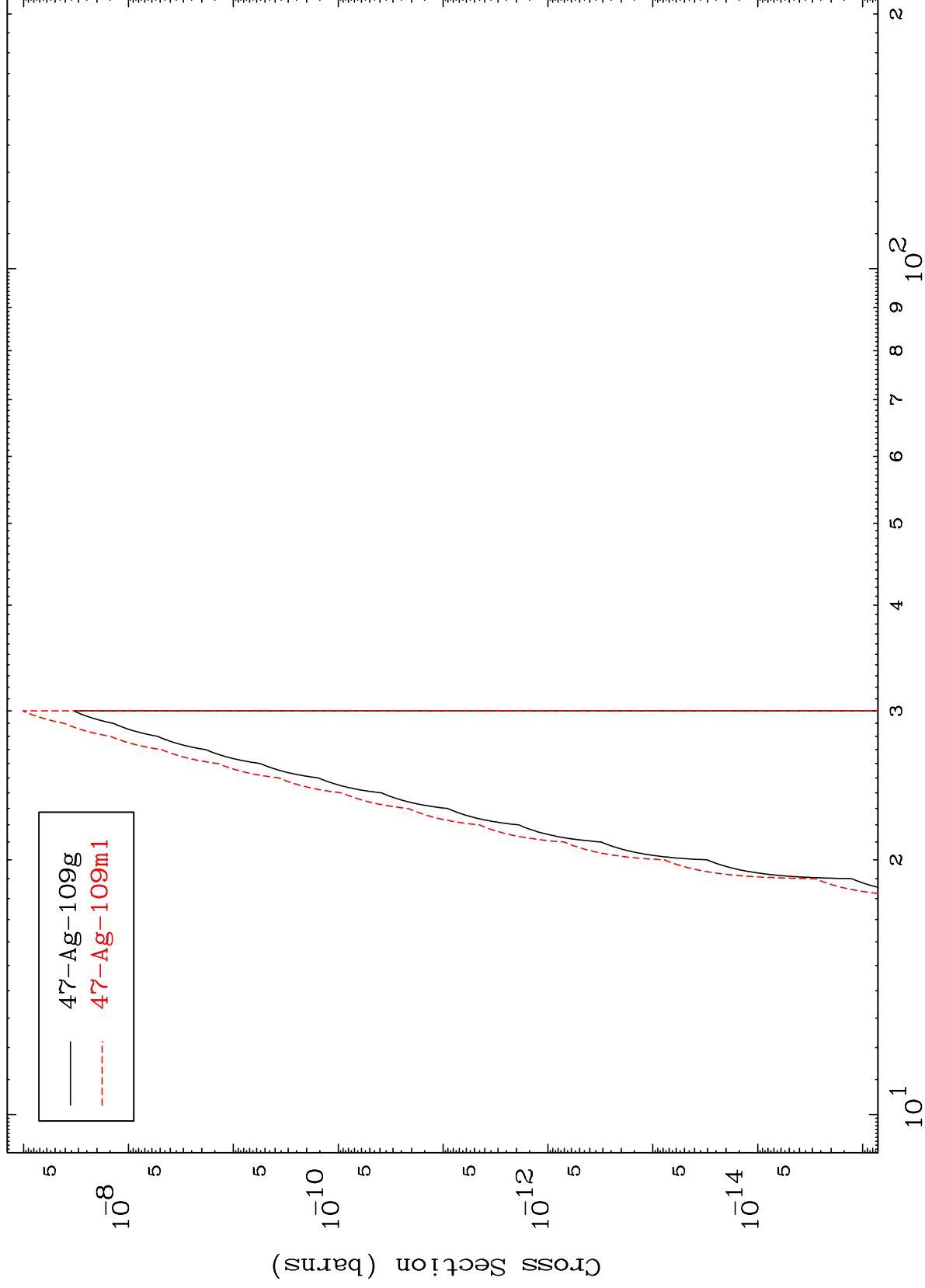


MAT 5031

50-Sn-114

(n,d) α

Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

150