

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

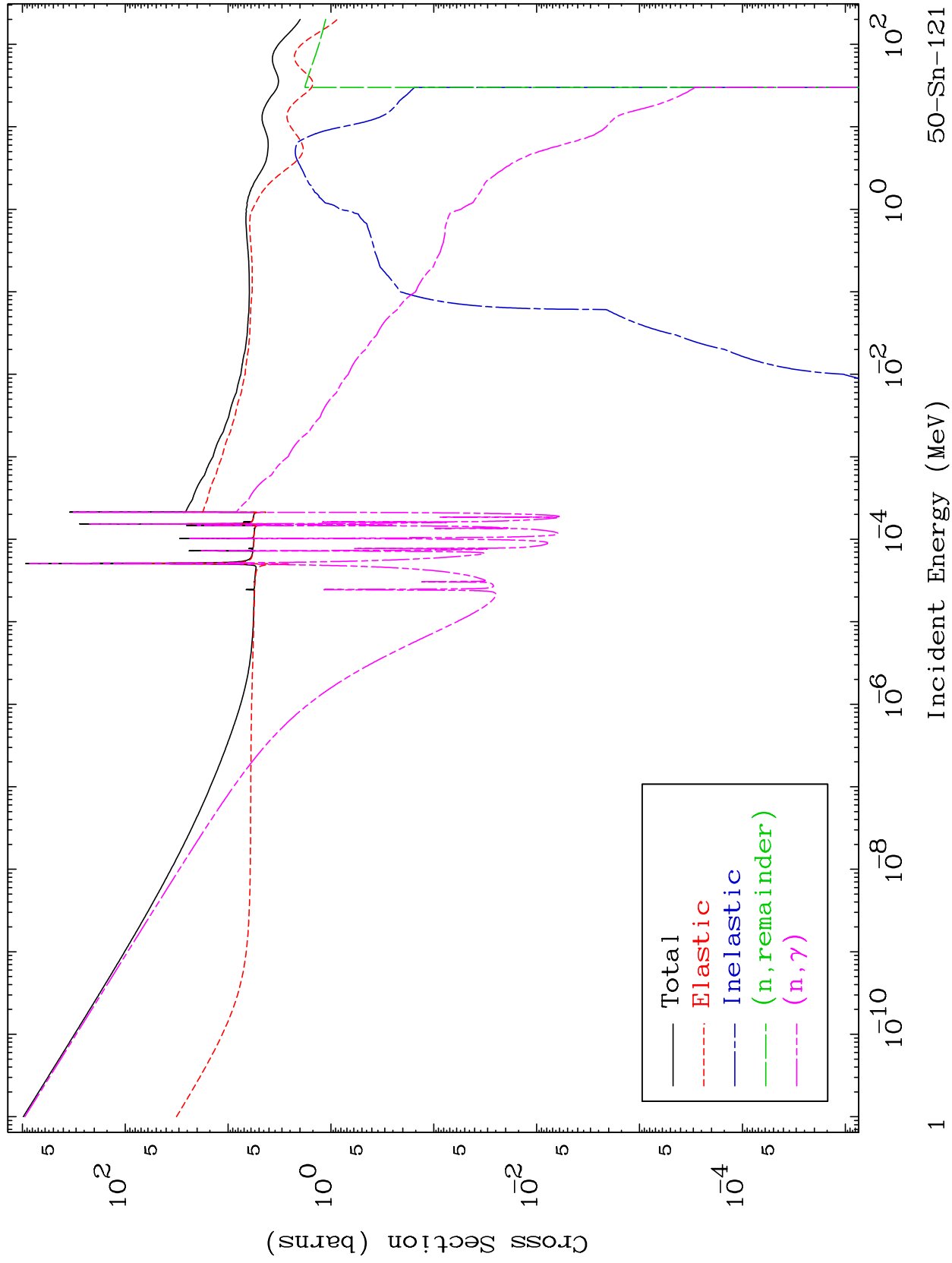
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5052

Major
293 Kelvin Cross Sections

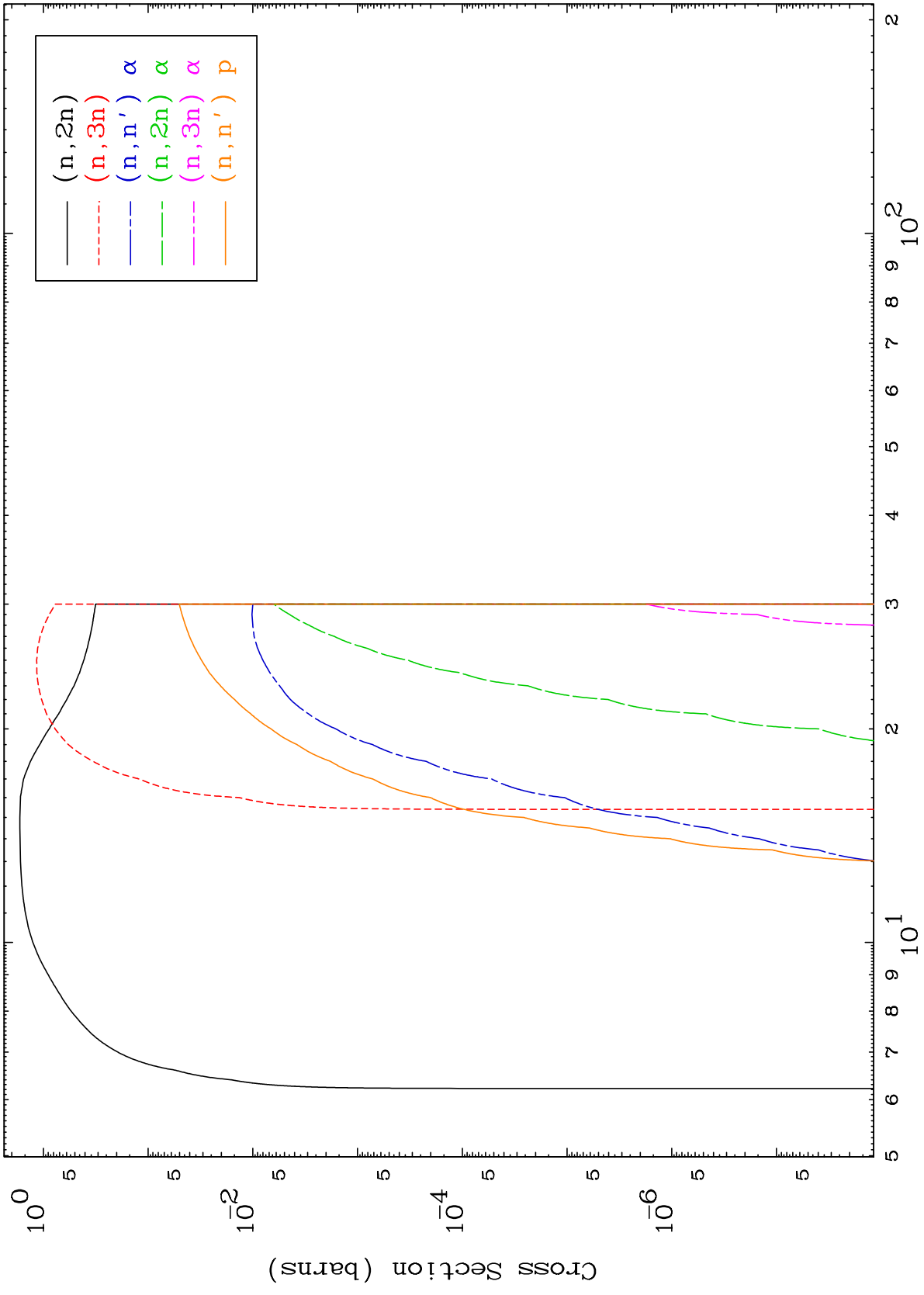
50-Sn-121



MAT 5052

Neutron Production
293 Kelvin Cross Sections

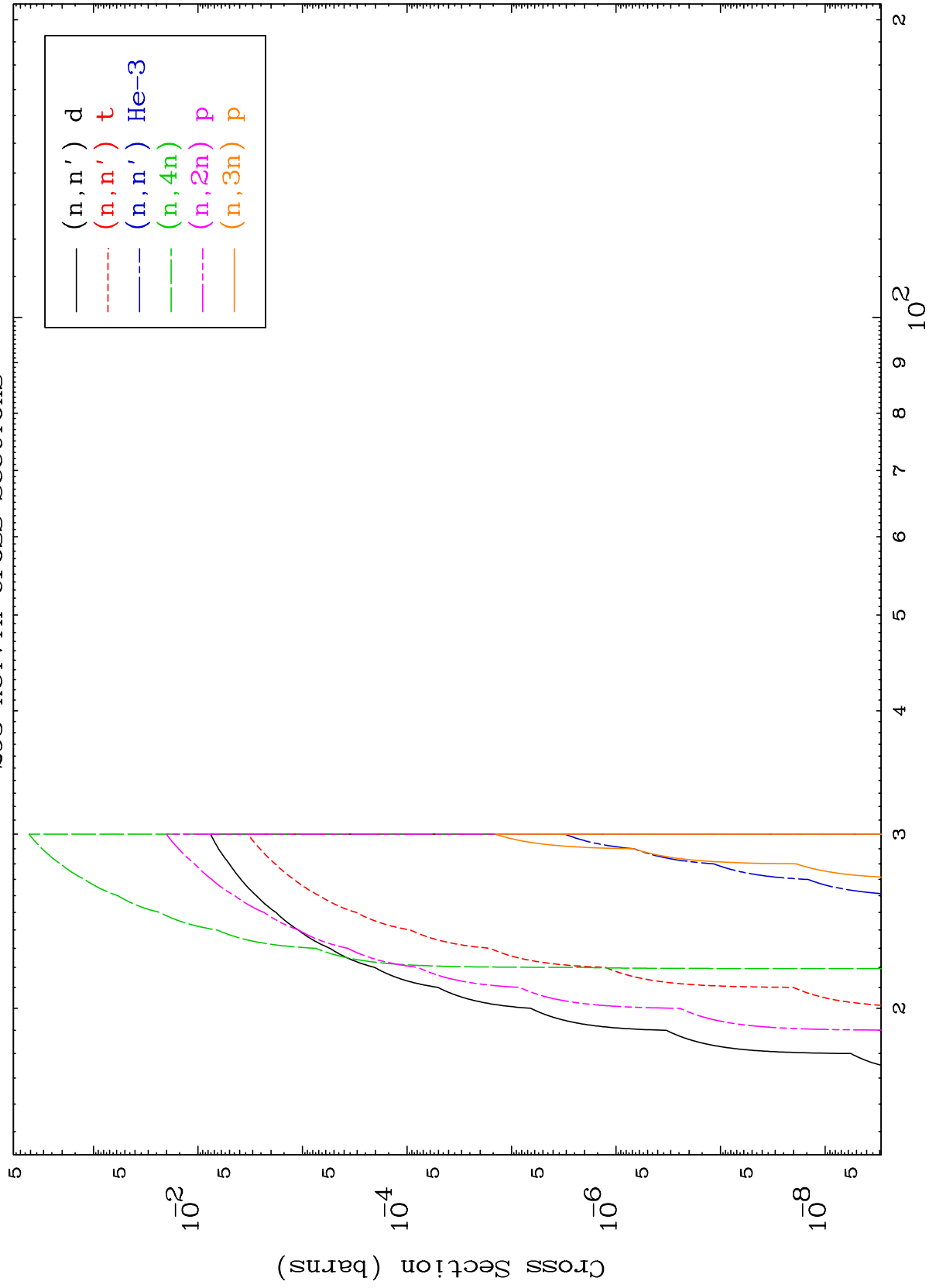
50-Sn-121



2

Incident Energy (MeV)

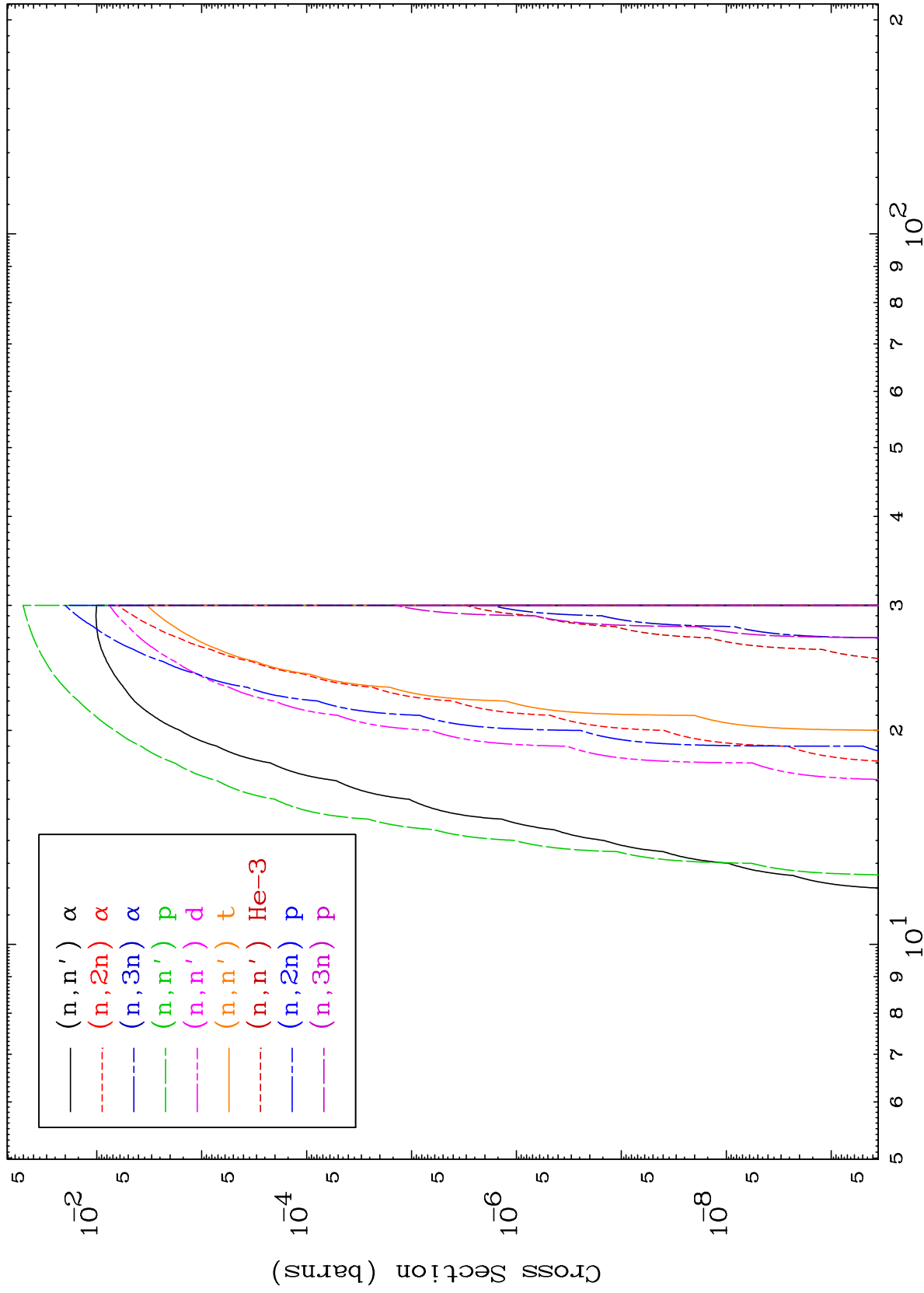
50-Sn-121



MAT 5052

Charged Particle
293 Kelvin Cross Sections

50-Sn-121

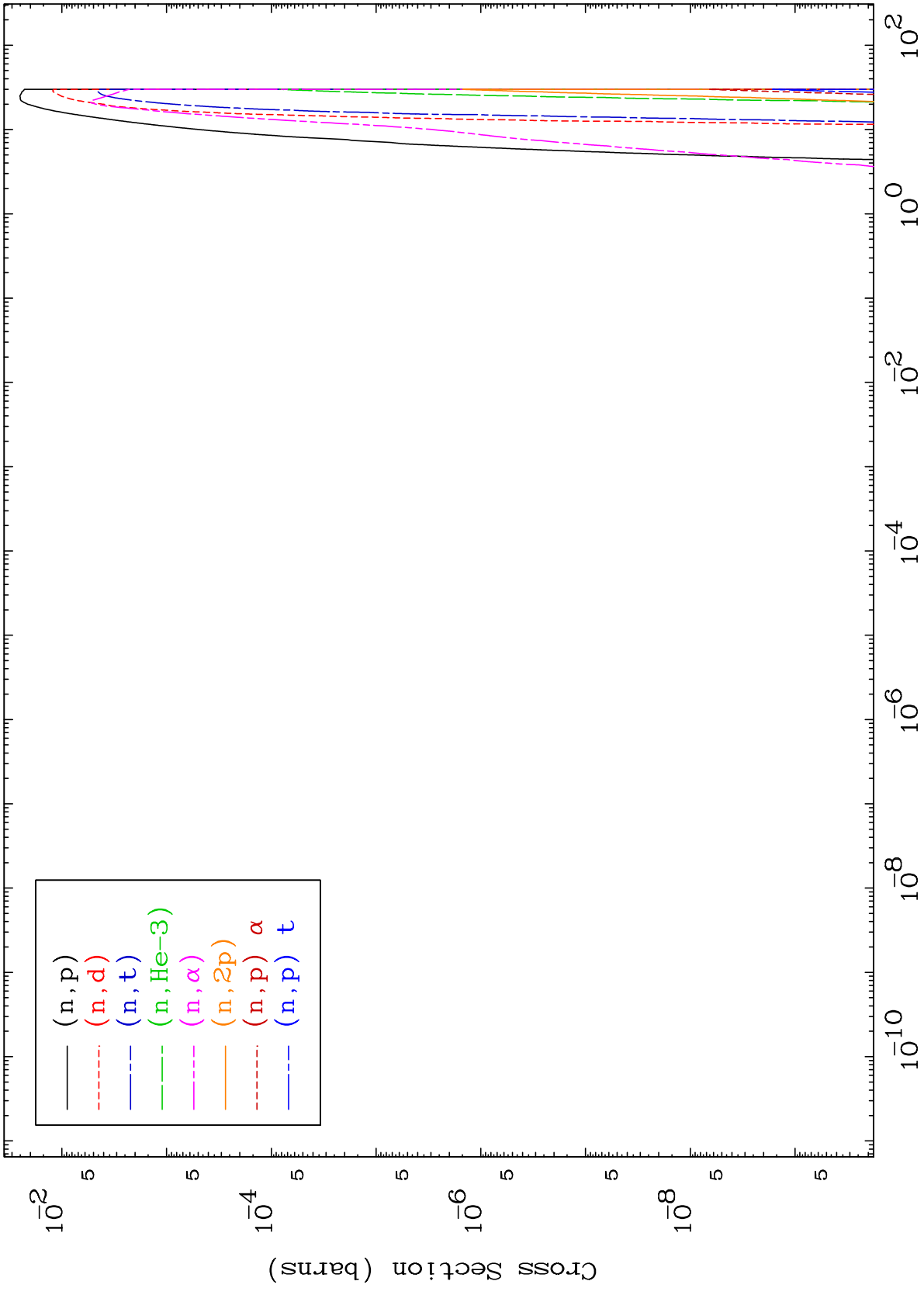


50-Sn-121

MAT 5052

293 Kelvin Cross Sections

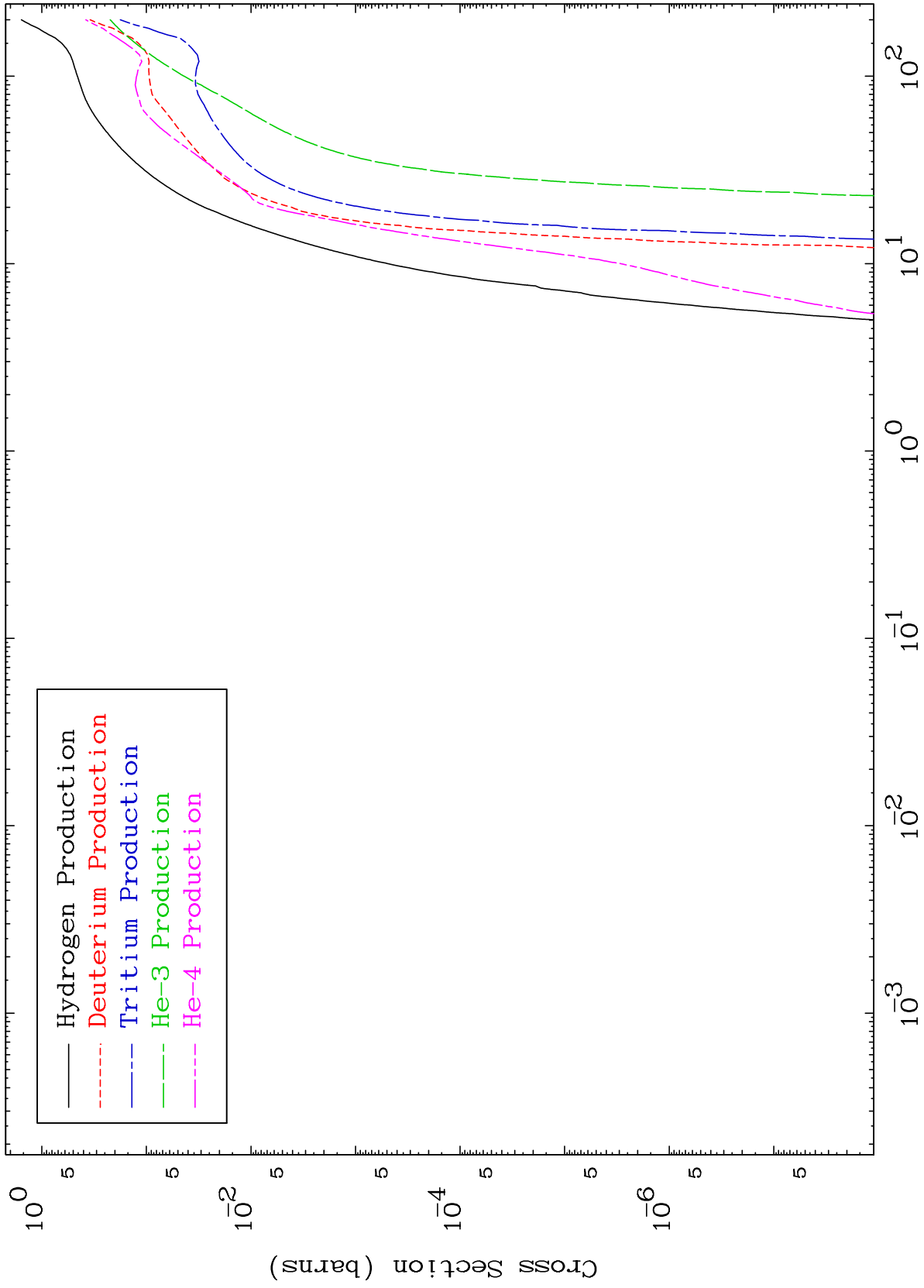
50-Sn-121



MAT 5052

Particle Production
293 Kelvin Cross Sections

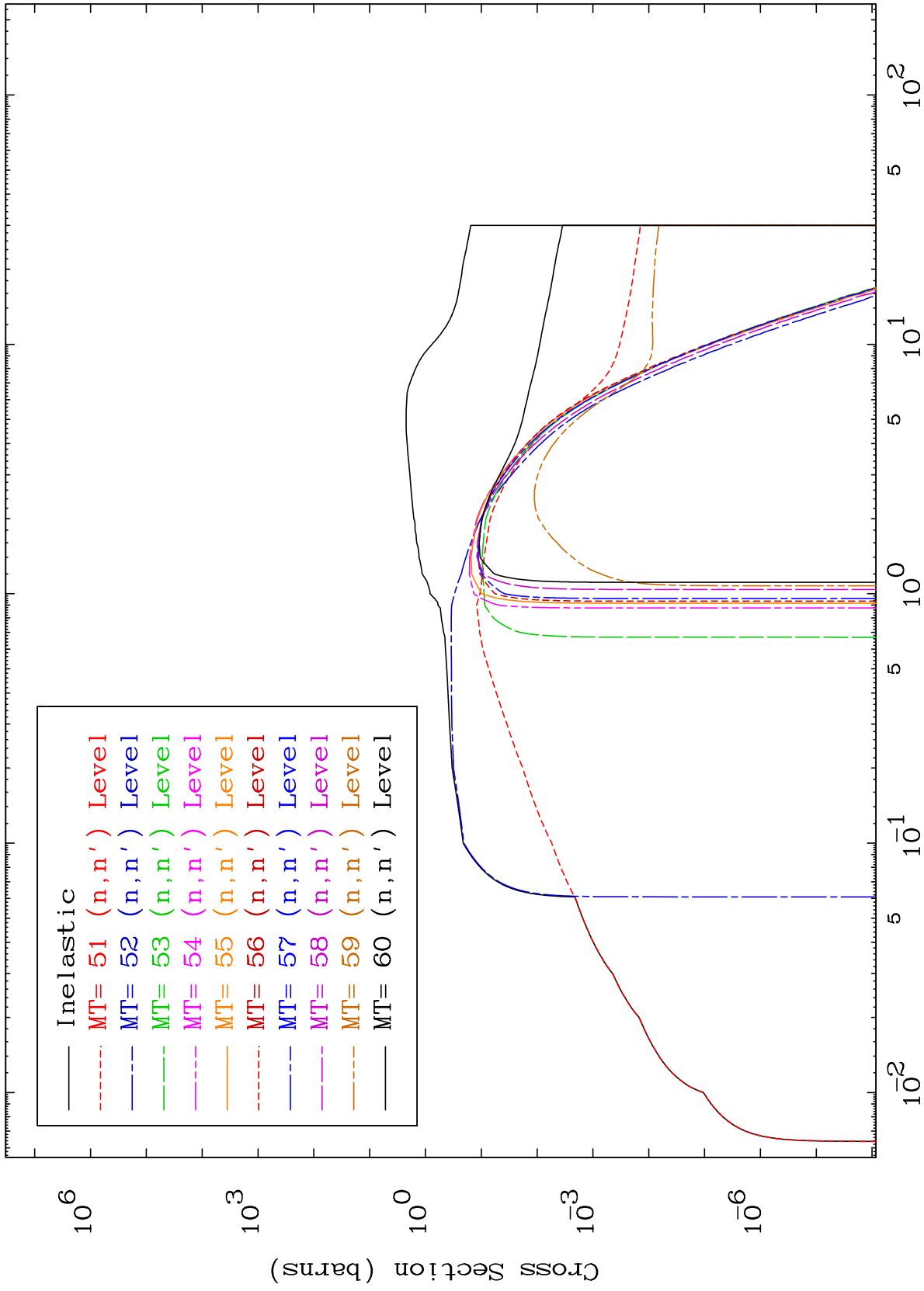
50-Sn-121



MAT 5052

293 Kelvin Cross Sections

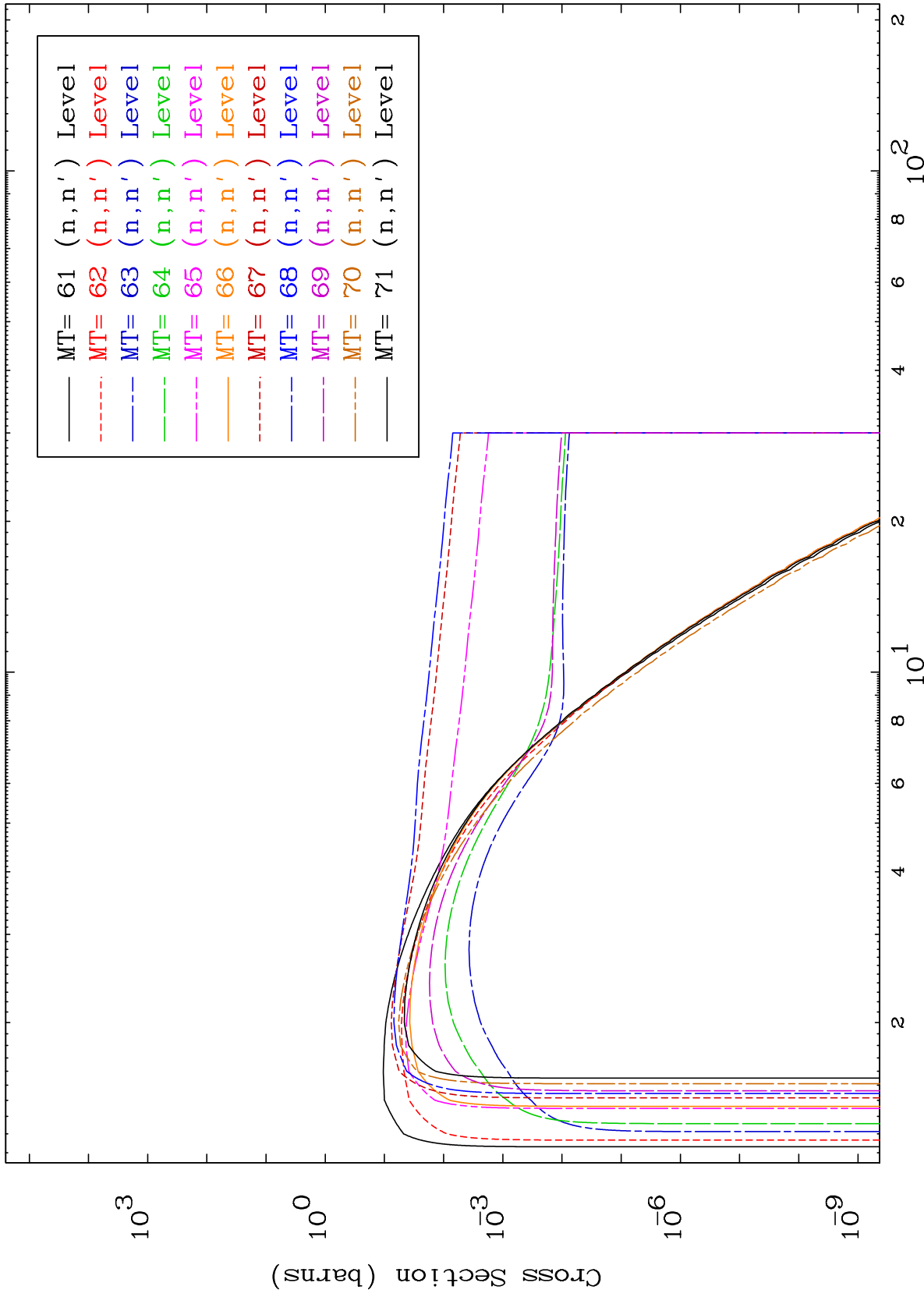
50-Sn-121



MAT 5052

(n,n') Level
293 Kelvin Cross Sections

50-Sn-121



8

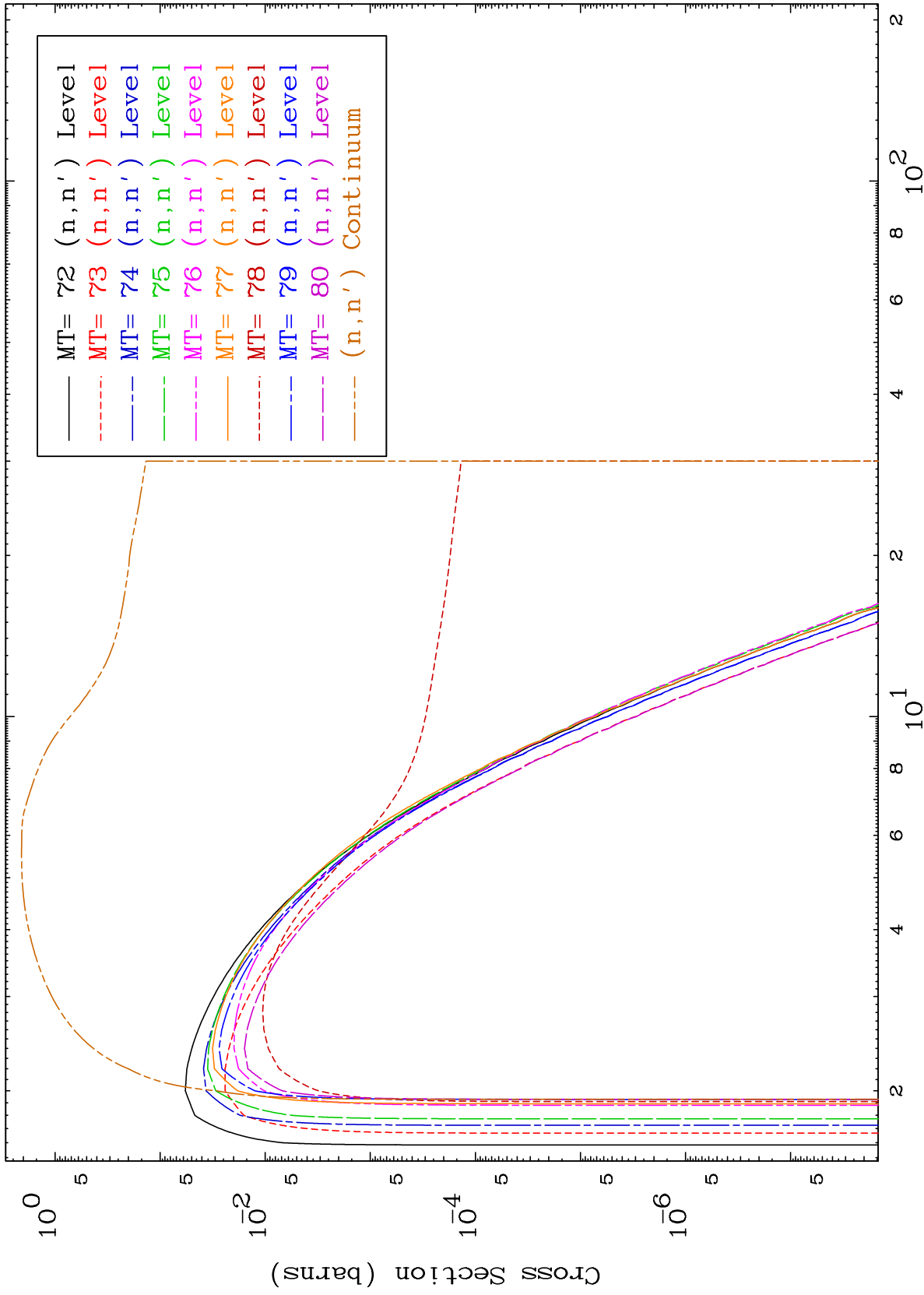
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,n') Level
293 Kelvin Cross Sections

50-Sn-121



9

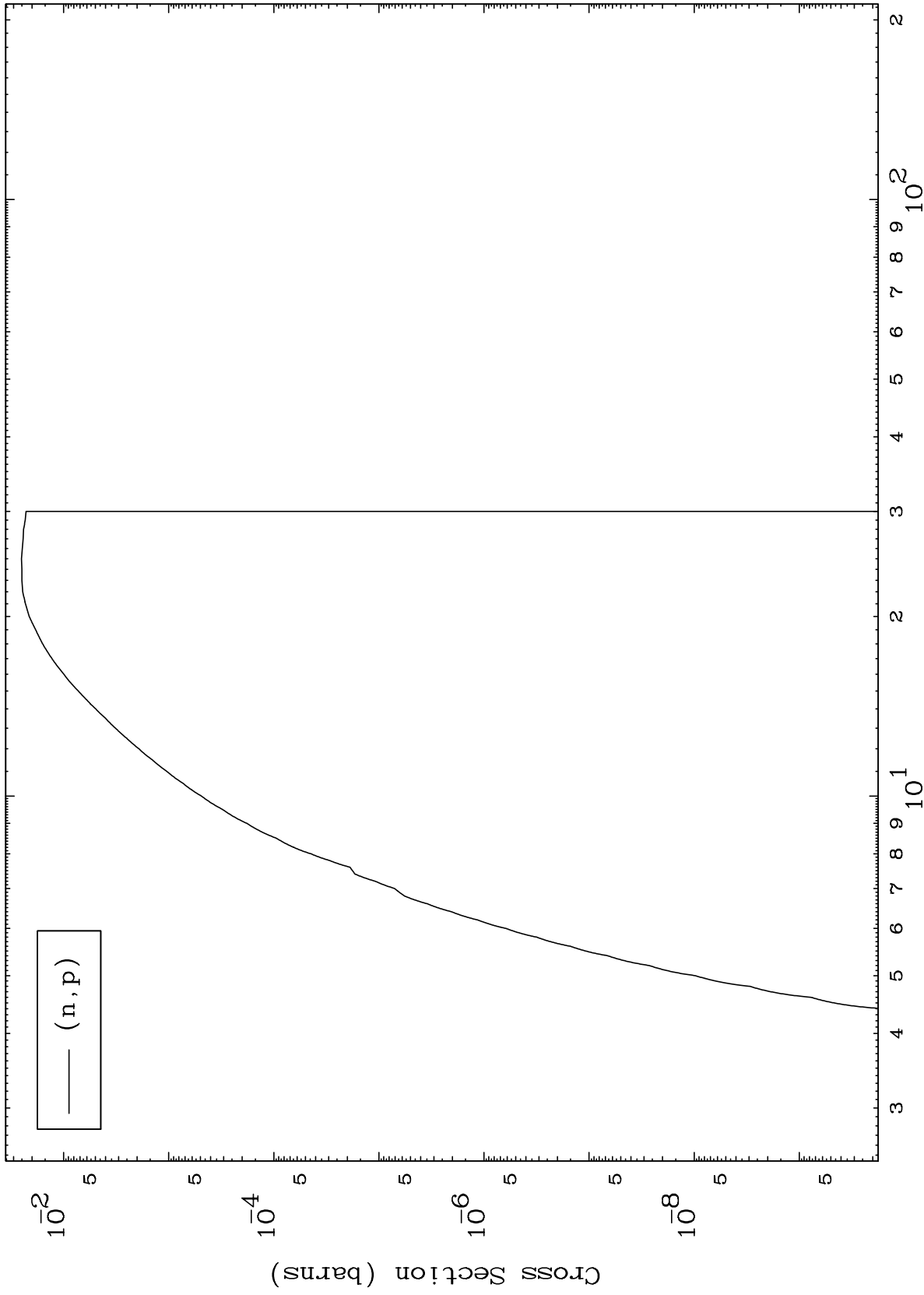
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-121



10

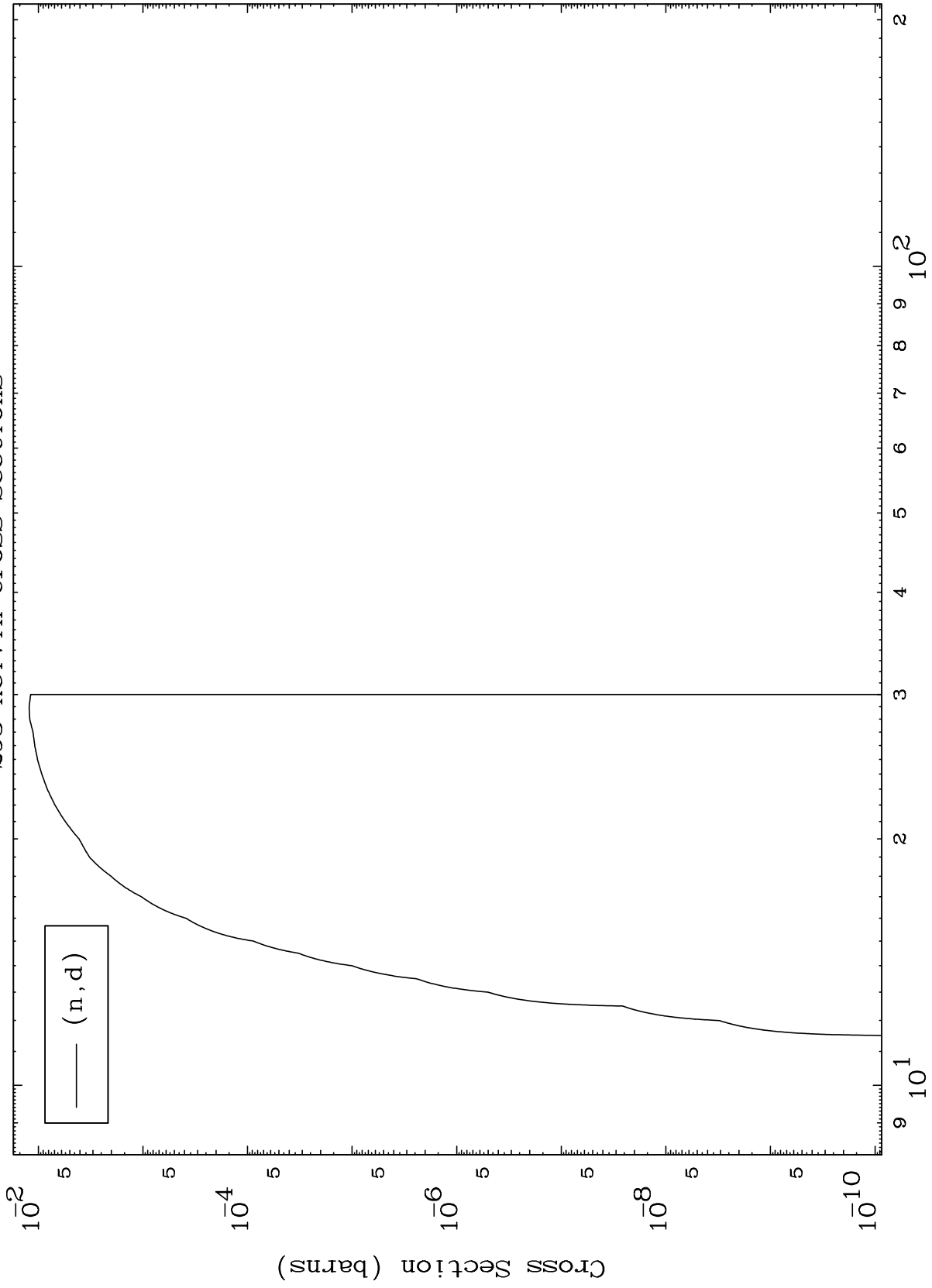
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-121



11

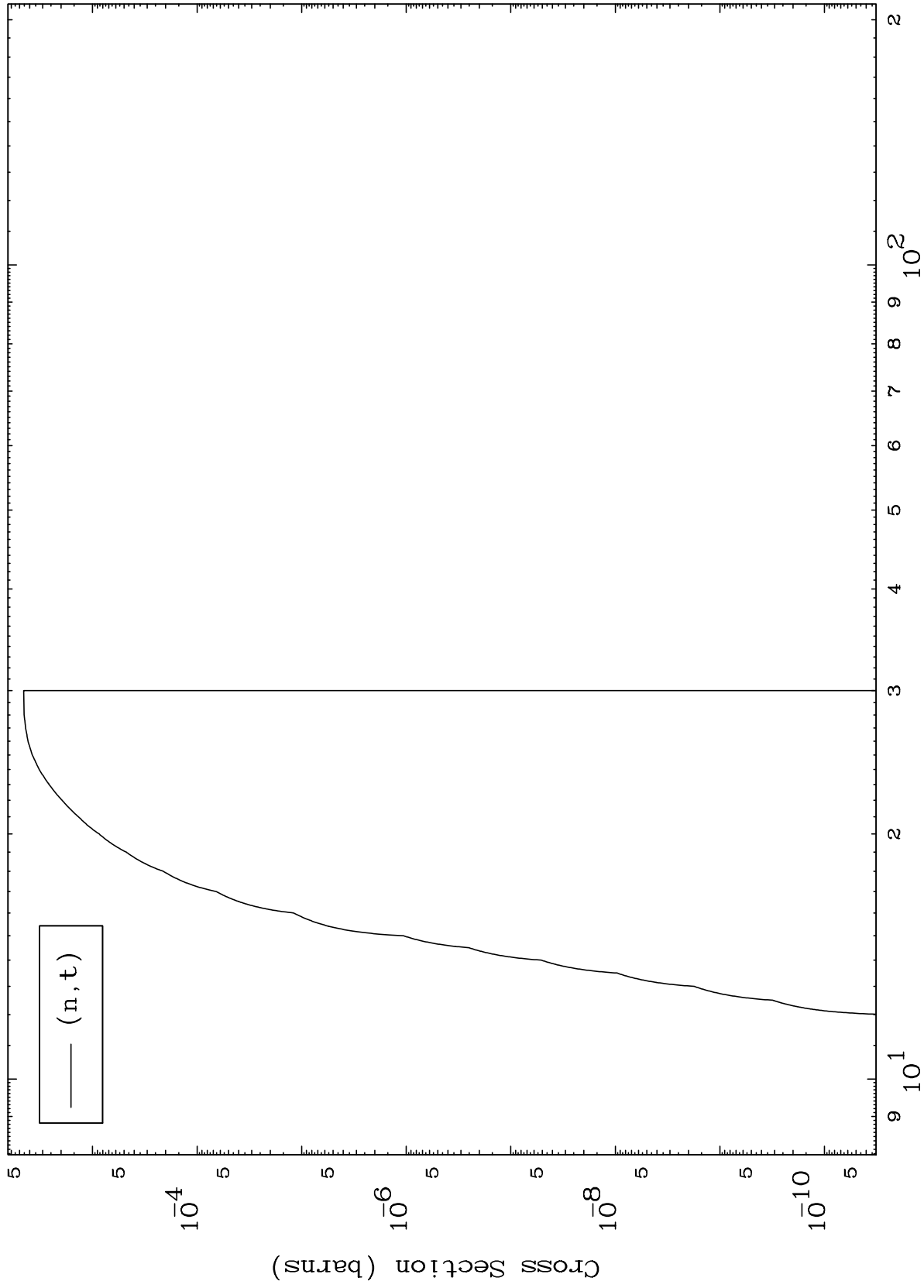
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-121



12

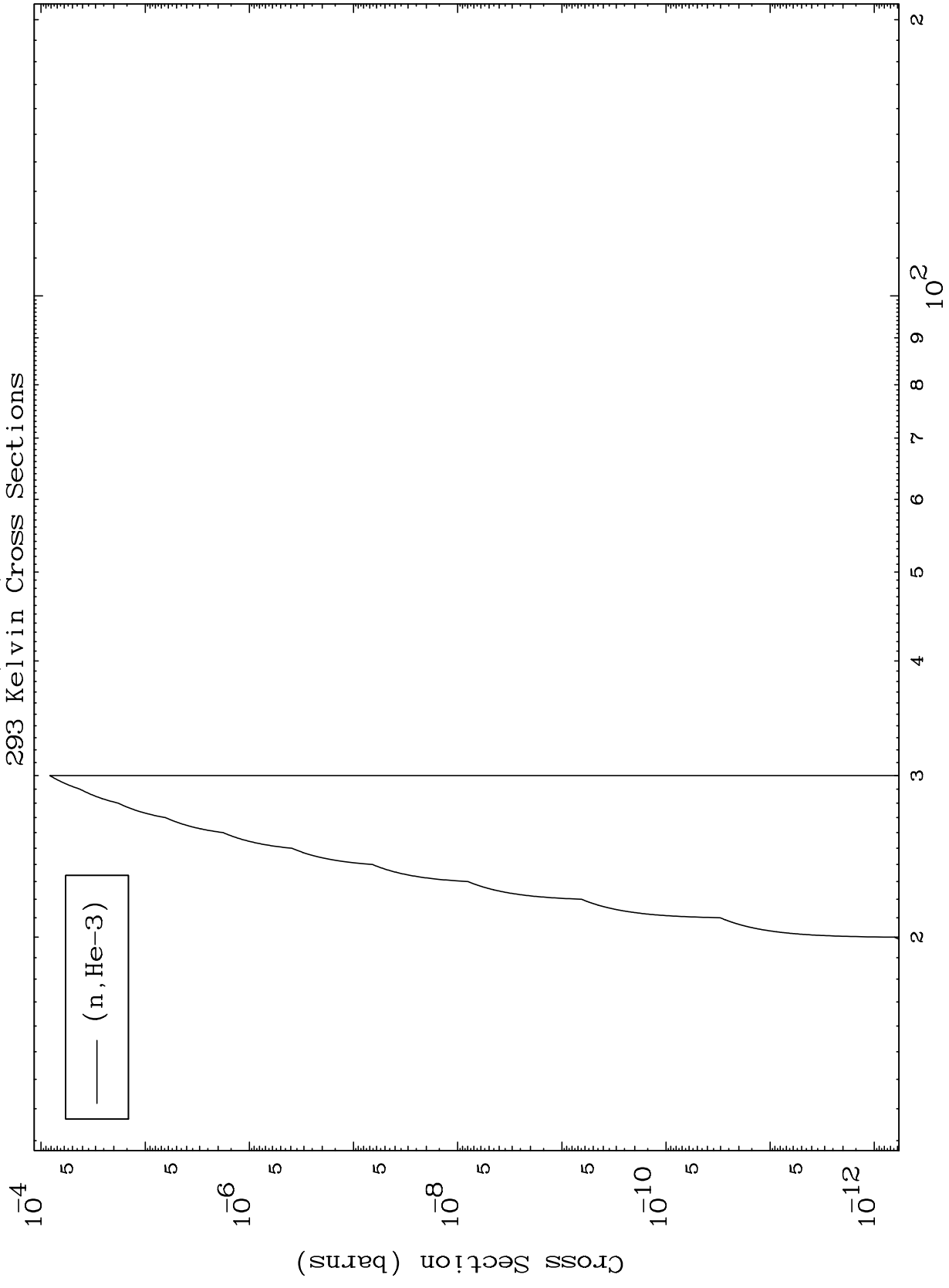
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-121



13

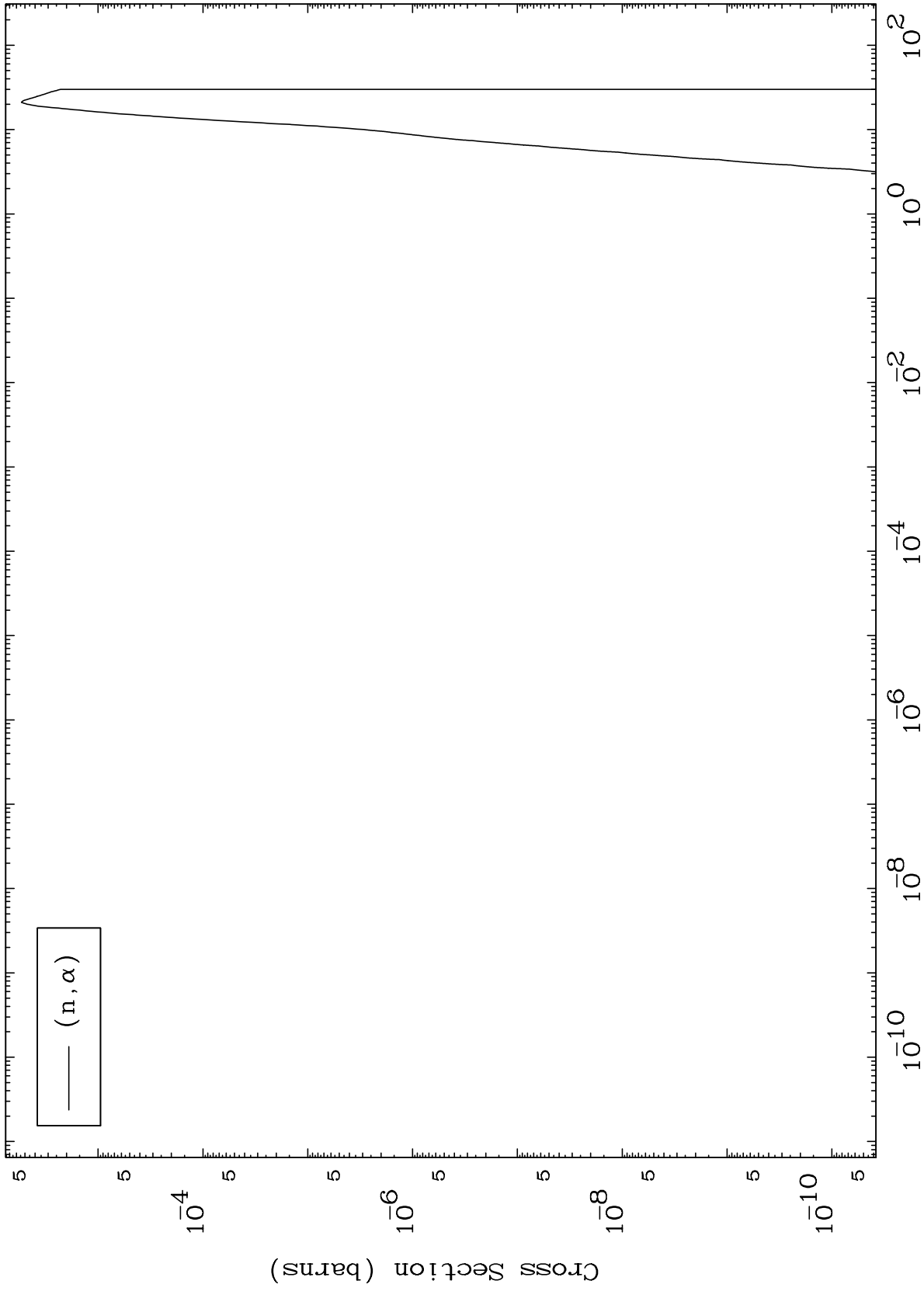
Incident Energy (MeV)

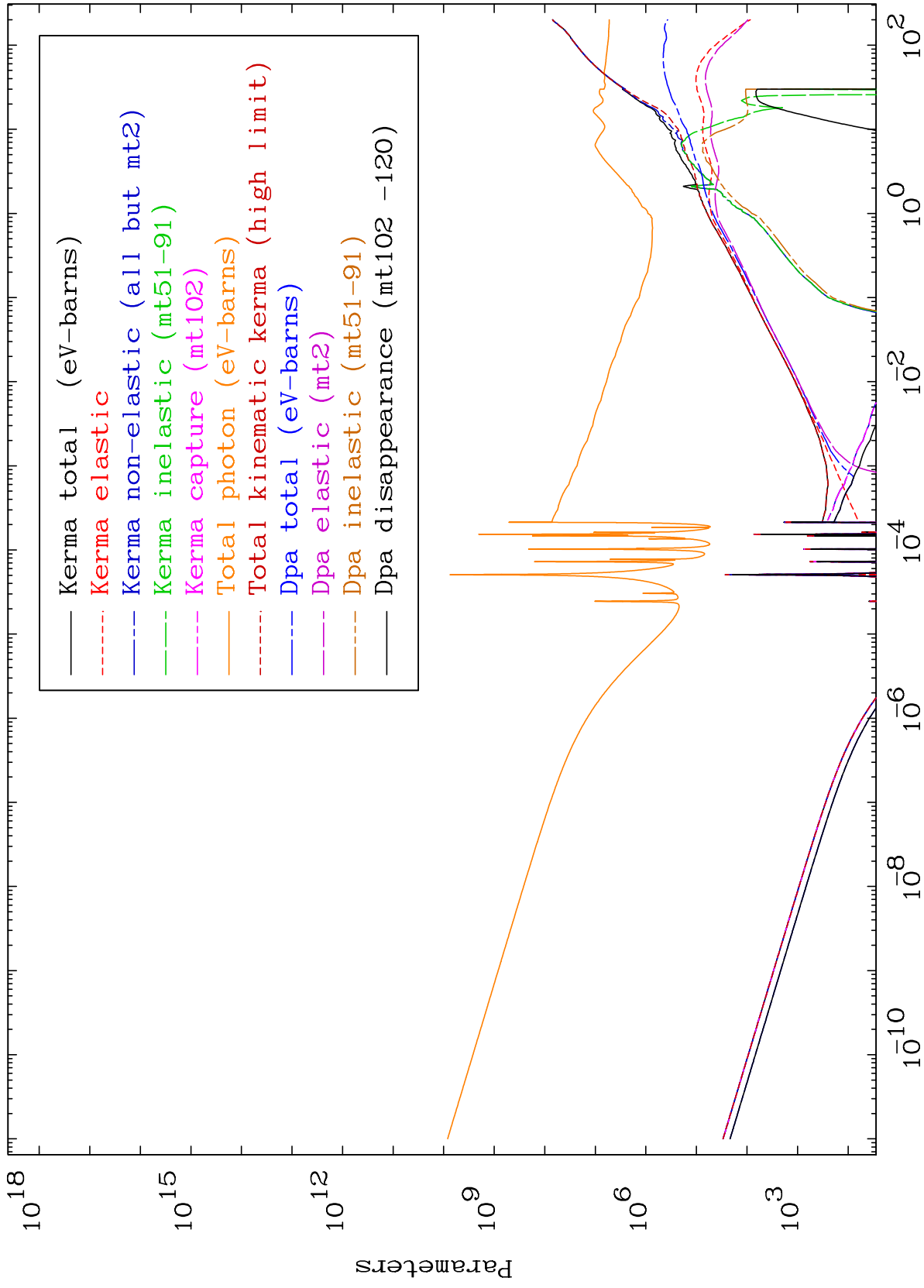
50-Sn-121

MAT 5052

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-121

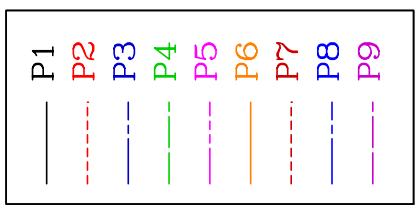
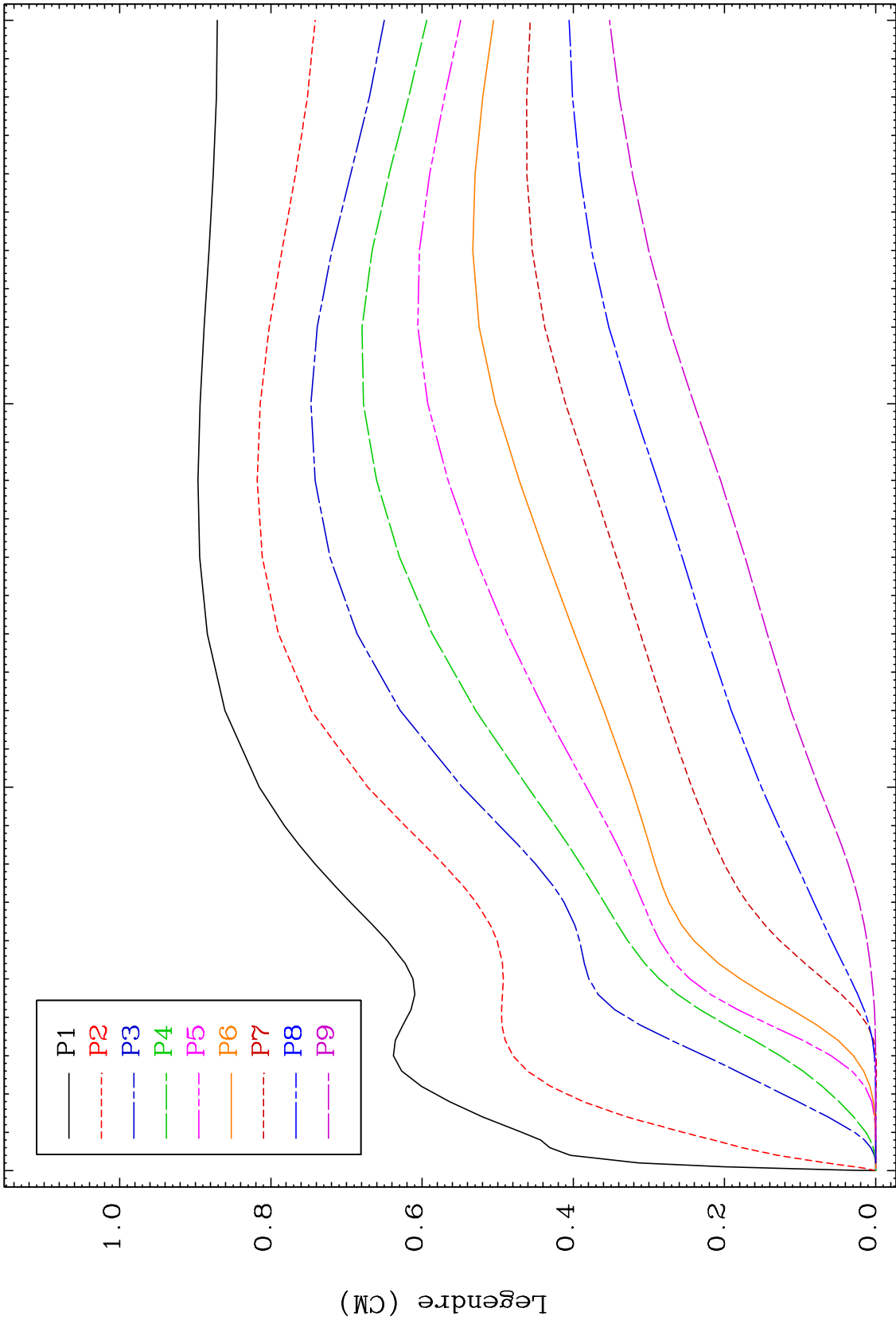


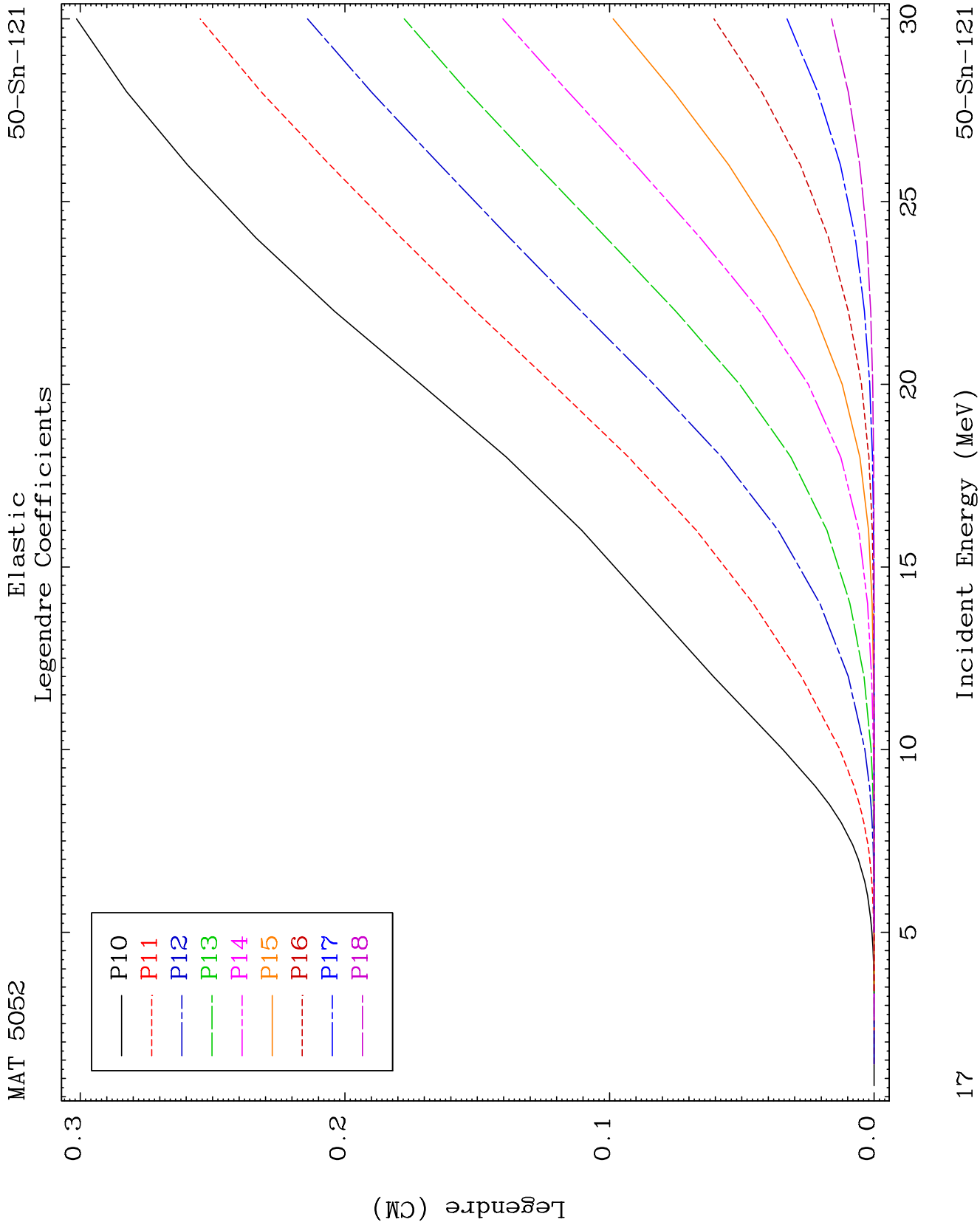


MAT 5052

Elastic Legendre Coefficients

50-Sn-121

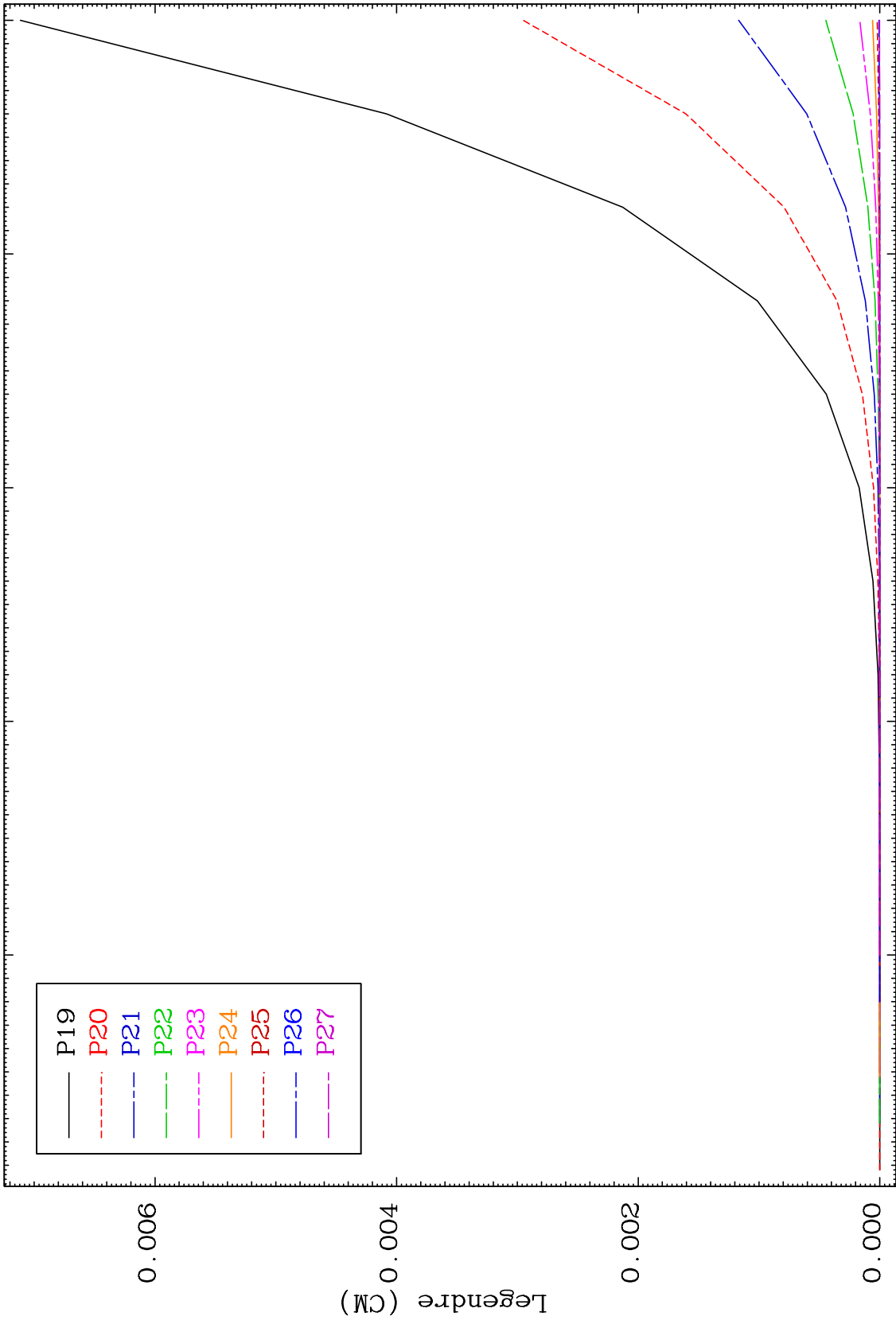




MAT 5052

Elastic
Legendre Coefficients

50-Sn-121



18

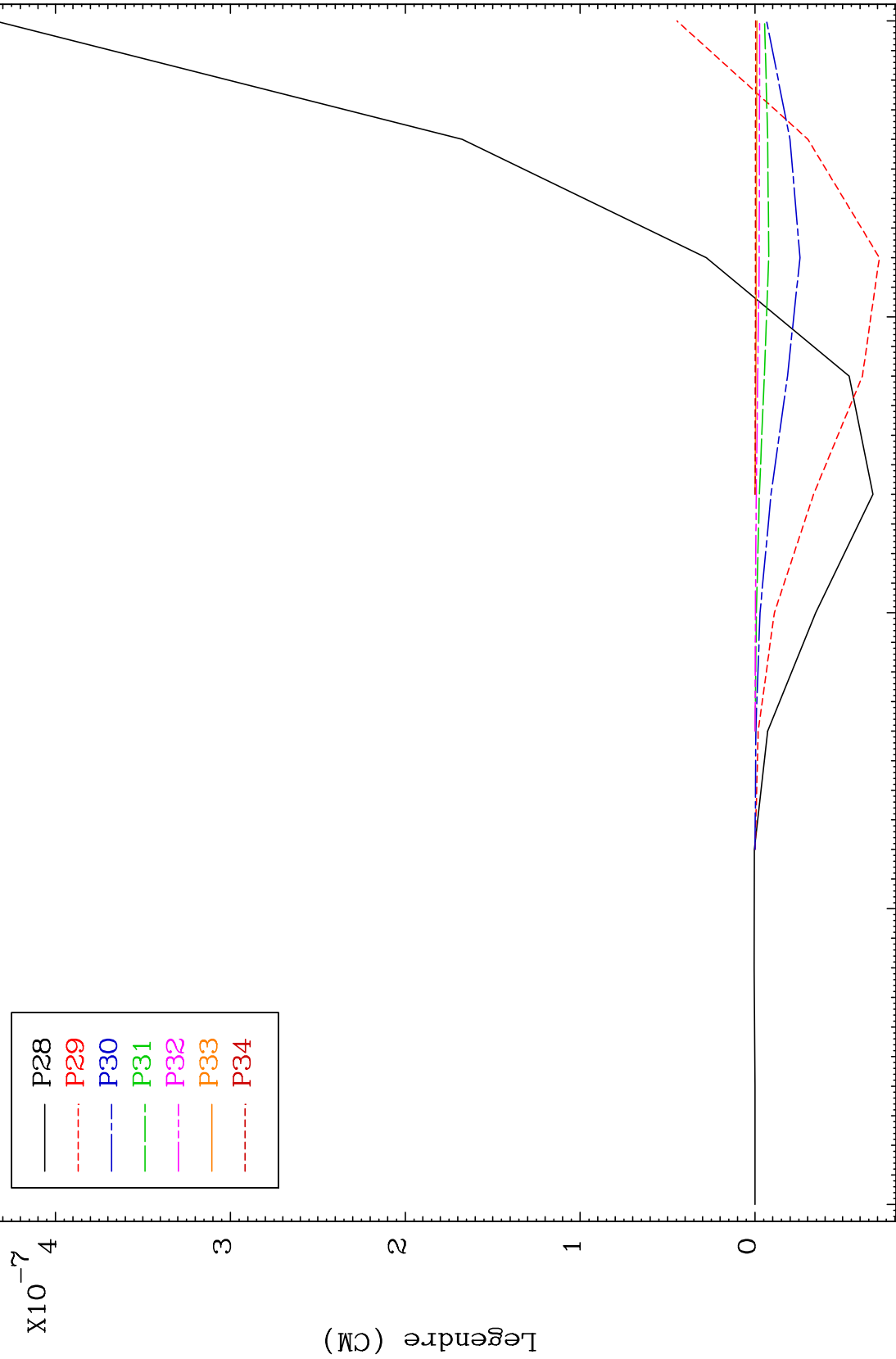
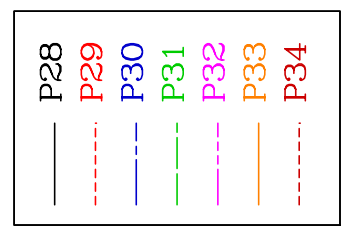
Incident Energy (MeV)

50-Sn-121

MAT 5052

Elastic Legendre Coefficients

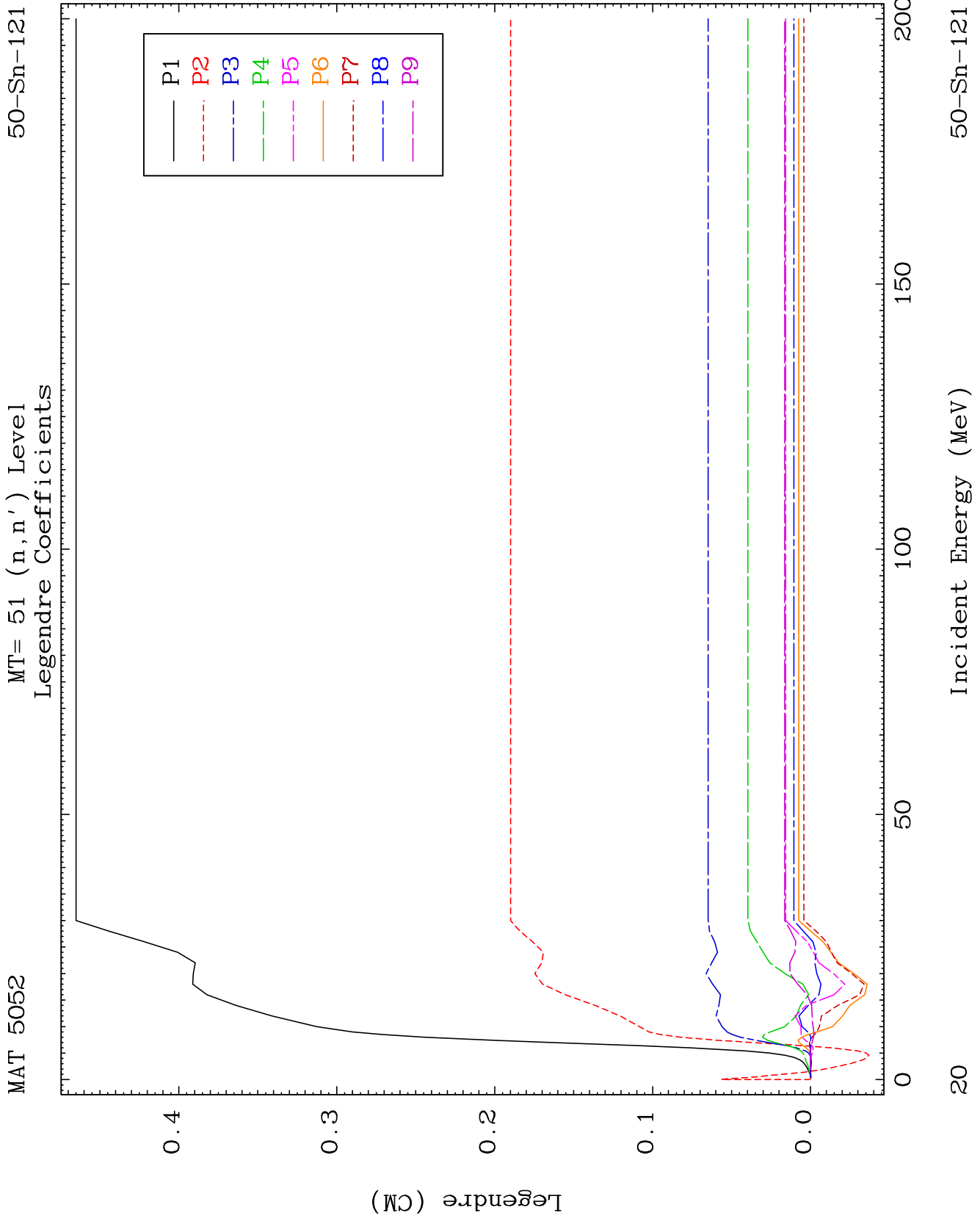
50-Sn-121



19

Incident Energy (MeV)

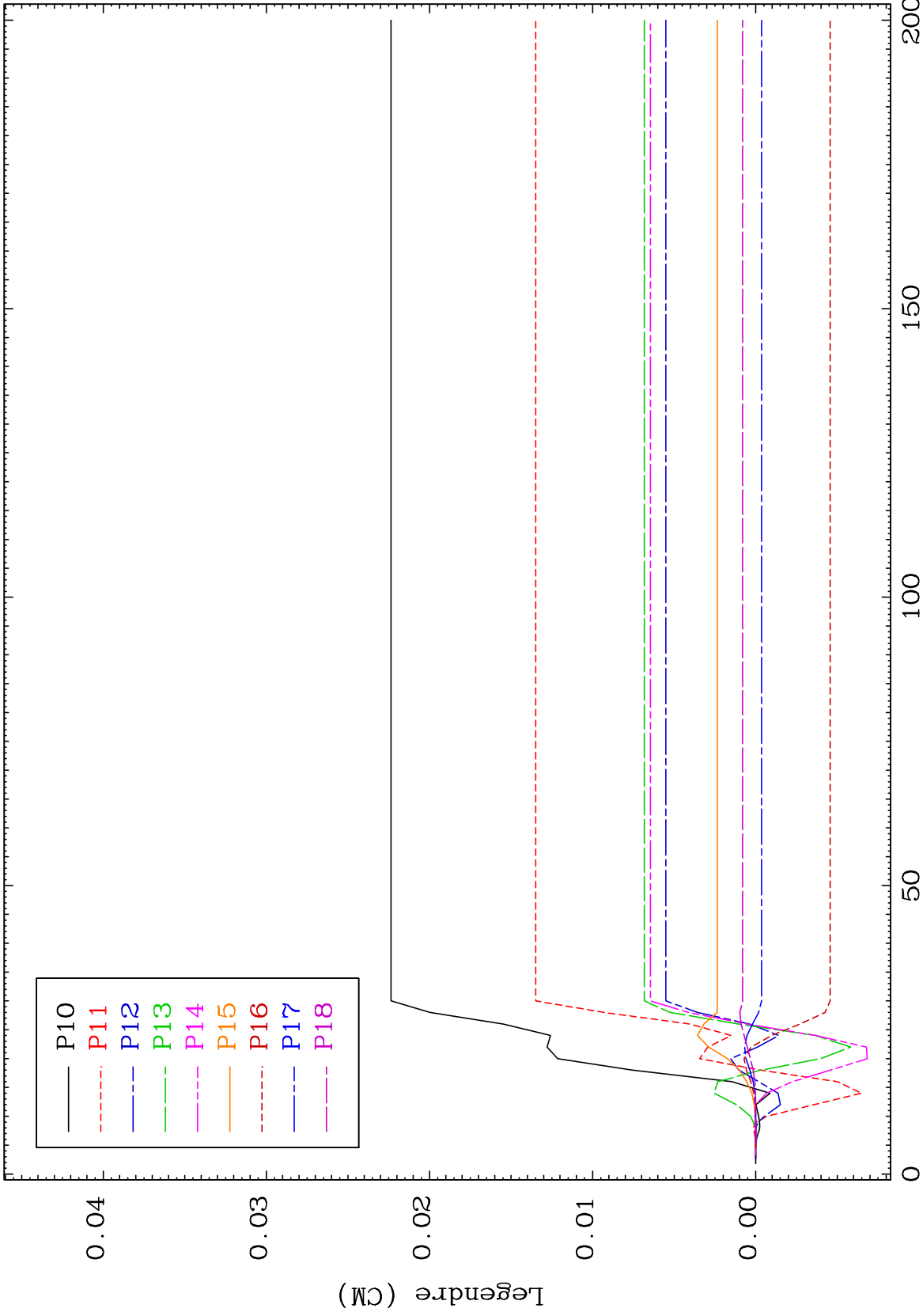
50-Sn-121



MAT 5052

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

50-Sn-121



21

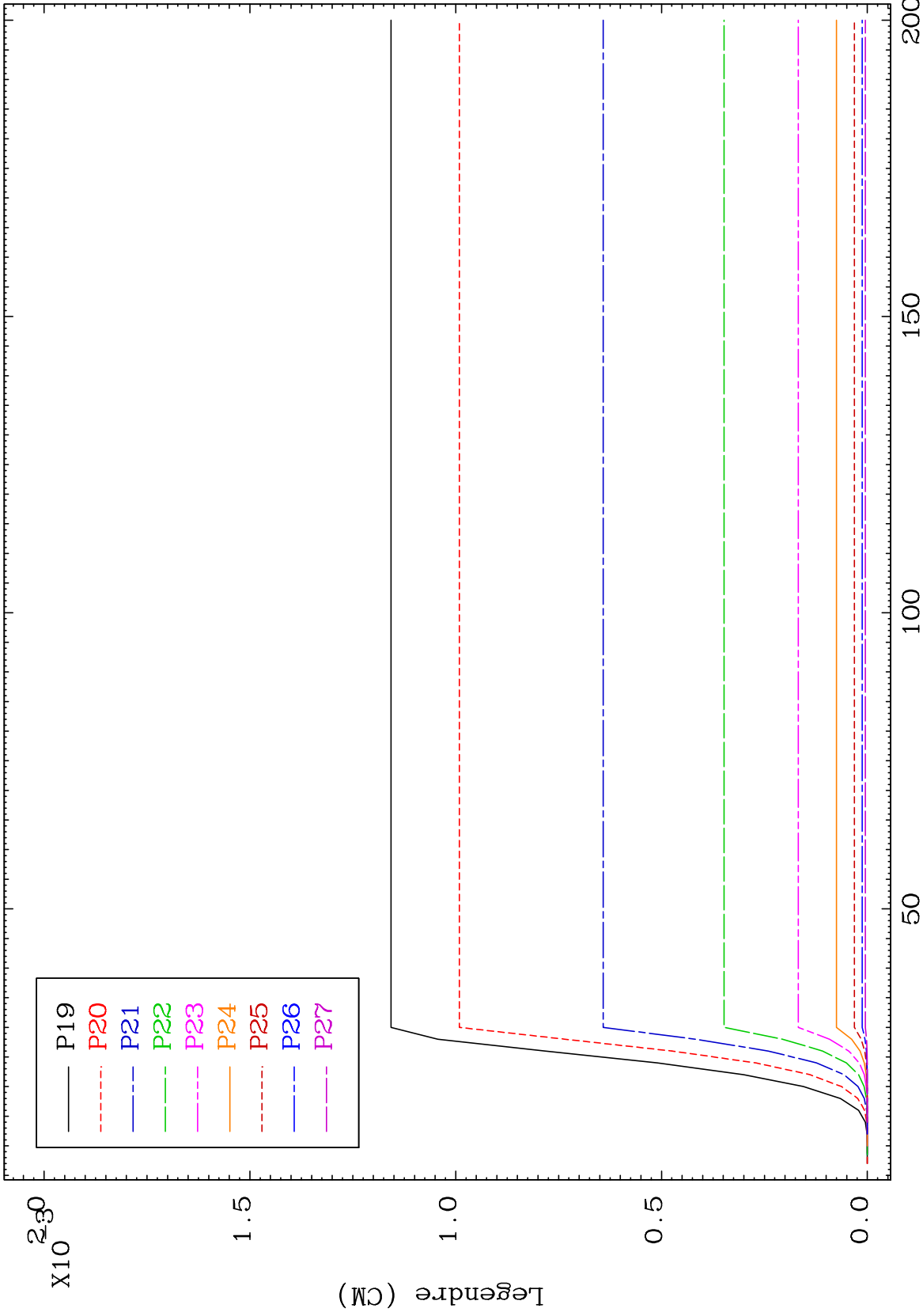
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121



22

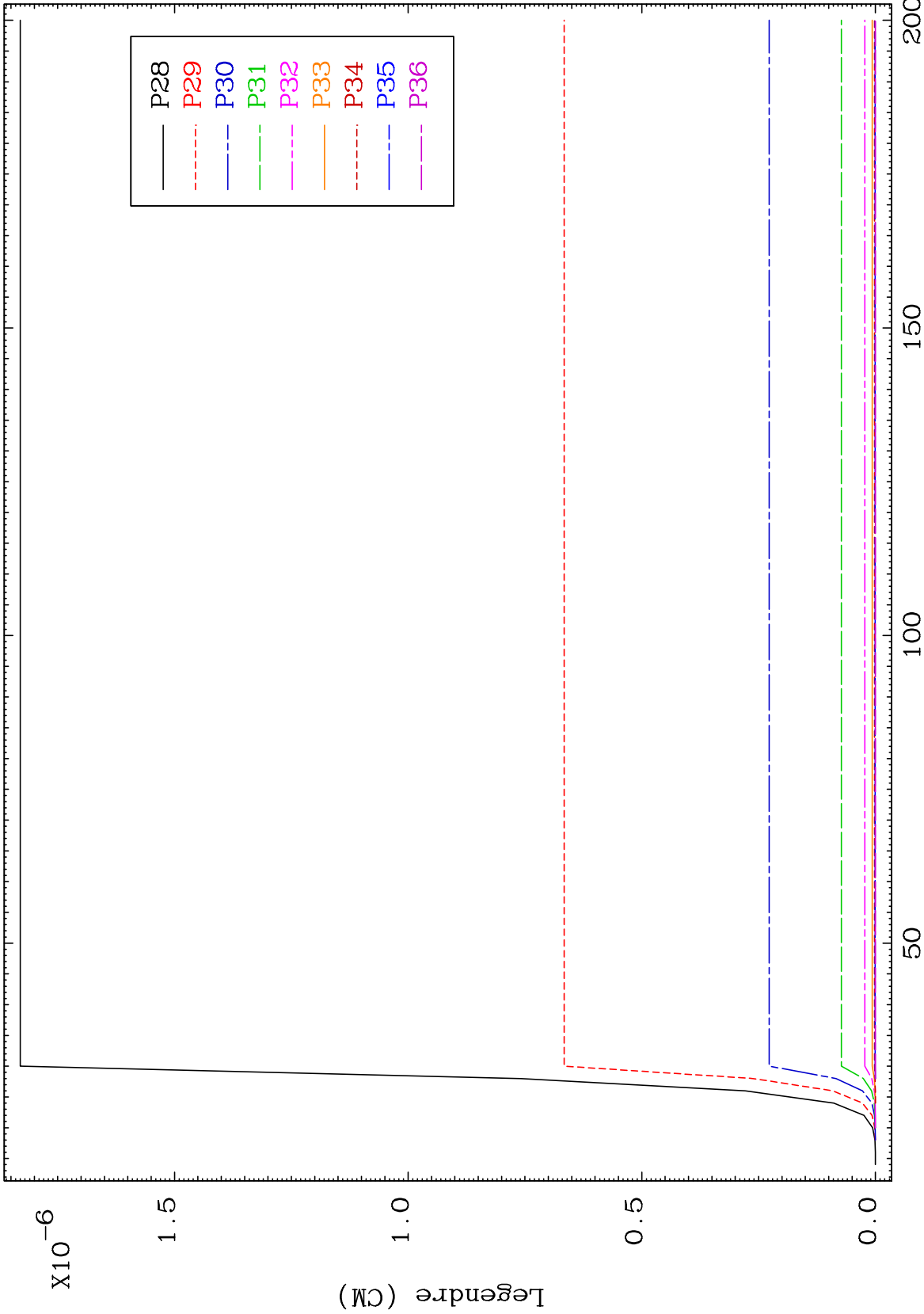
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

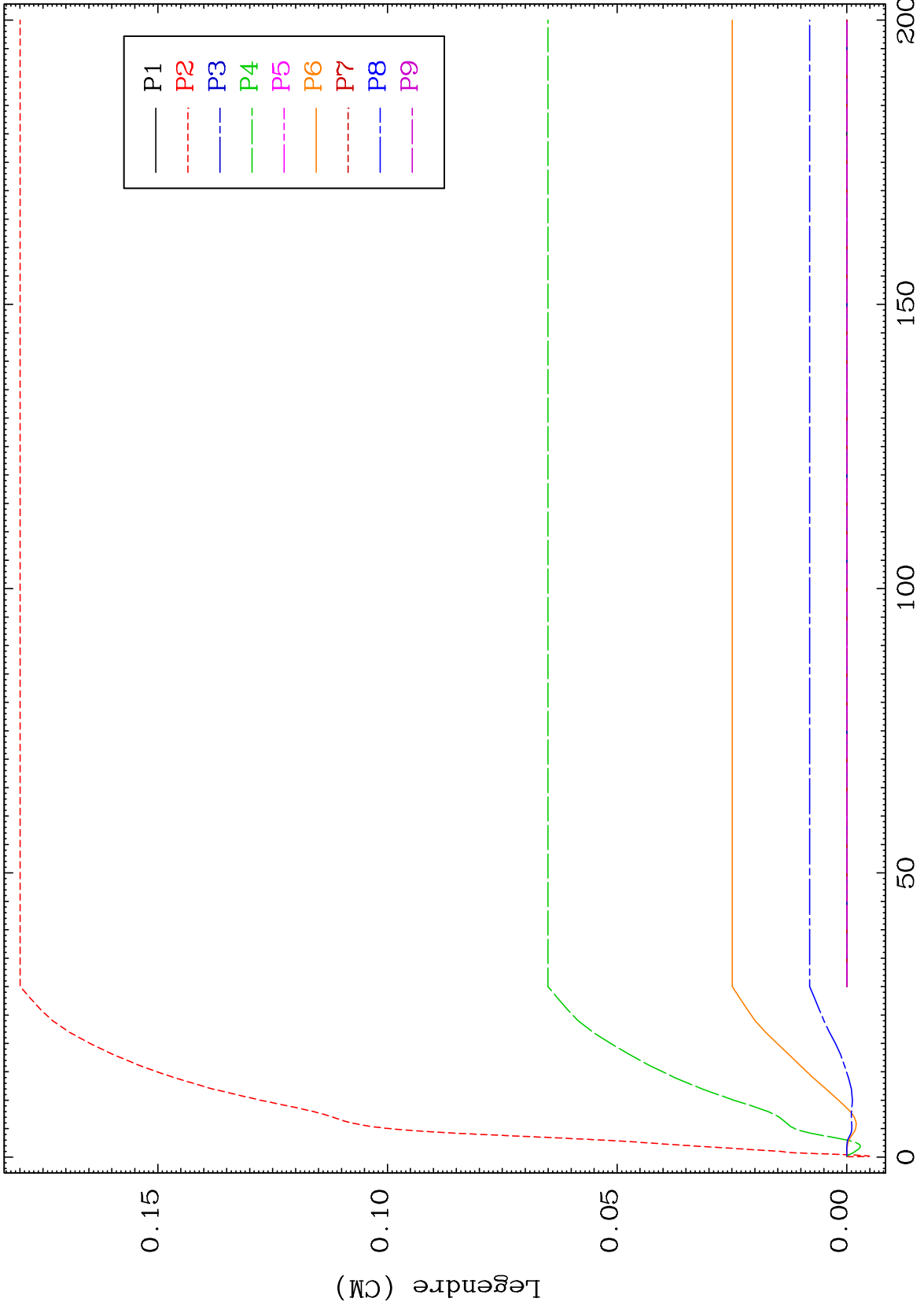
50-Sn-121



23

50-Sn-121

MAT 5052 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-121

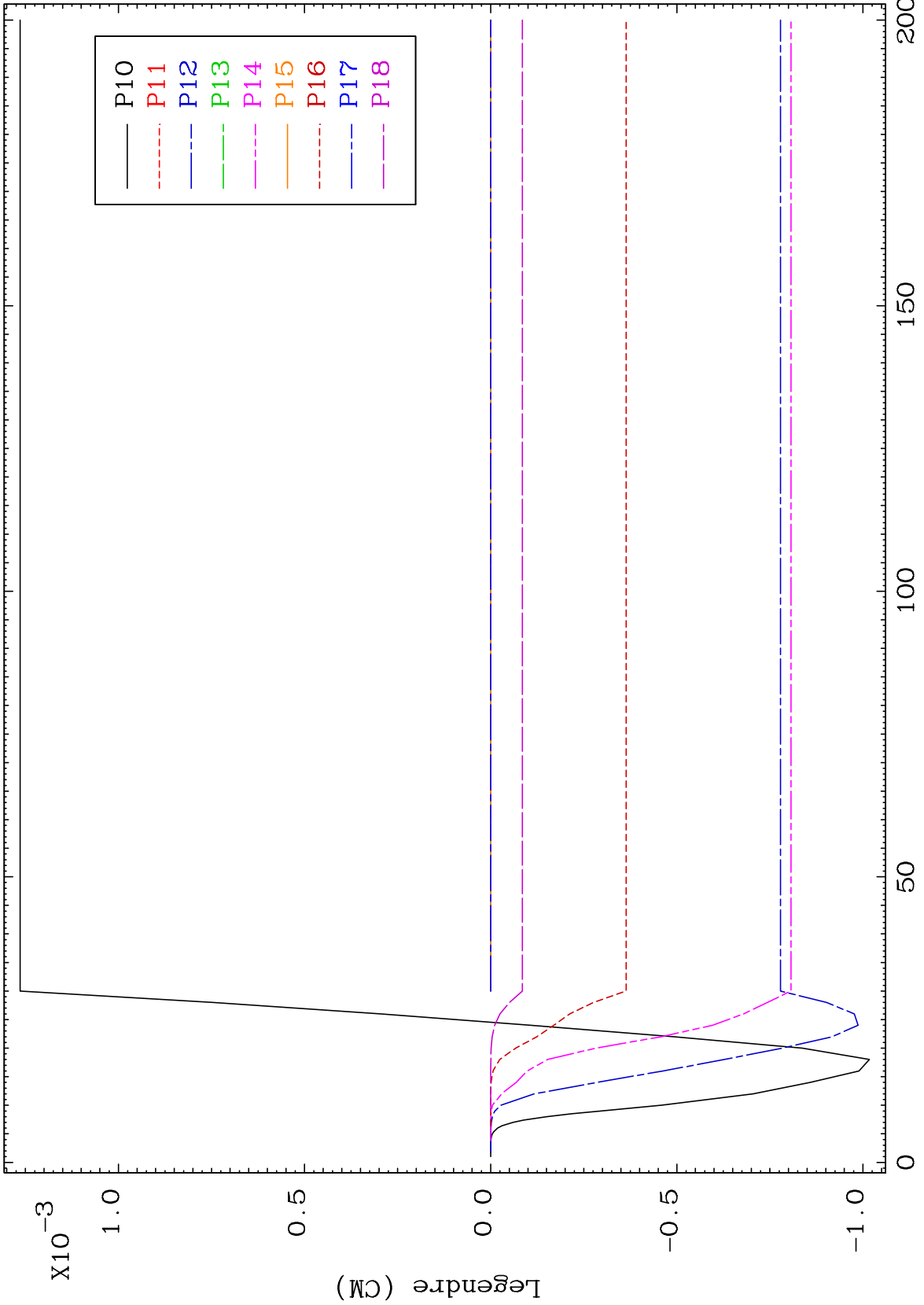


24 50-Sn-121

MAT 5052

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

50-Sn-121

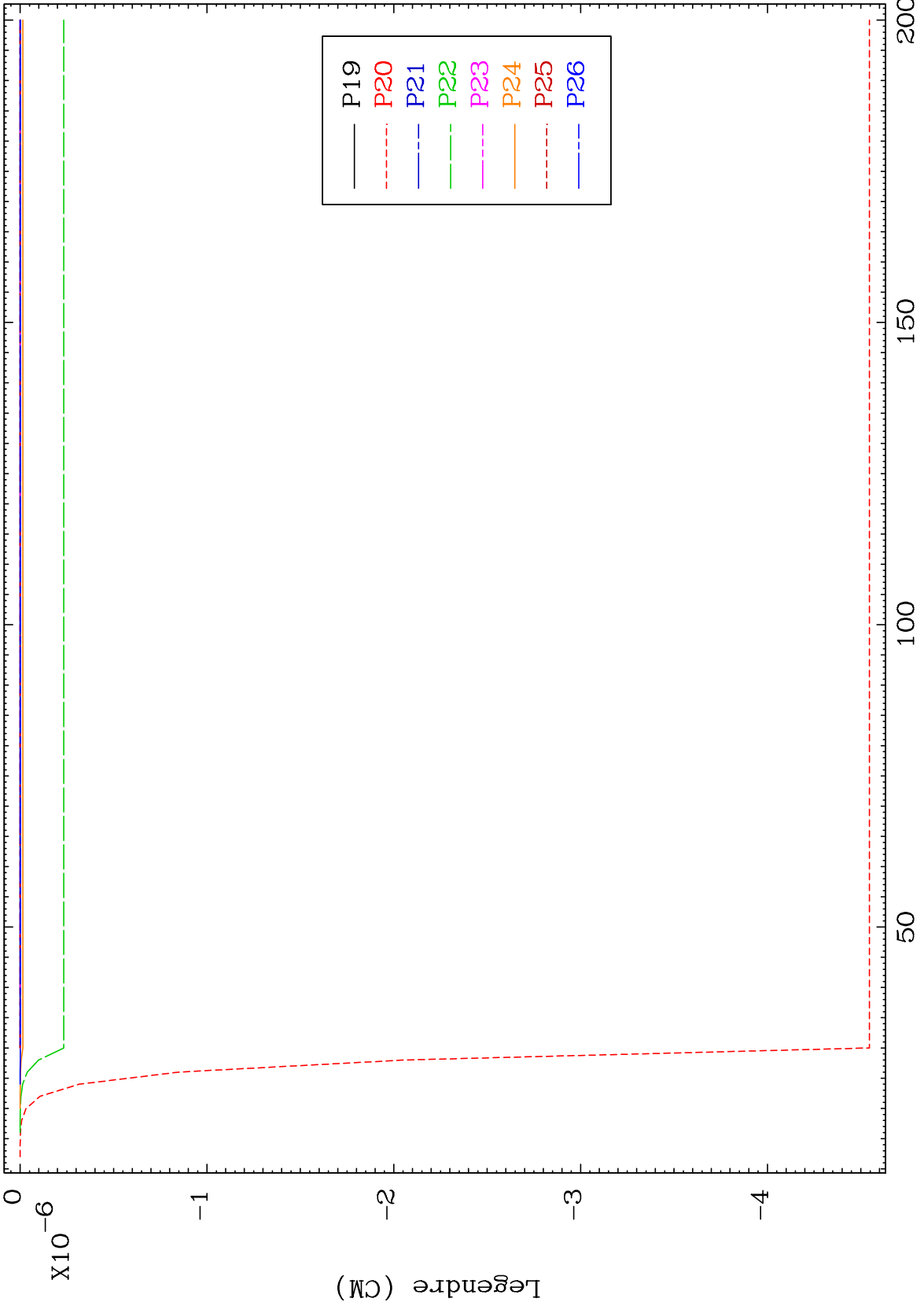


25

Incident Energy (MeV)

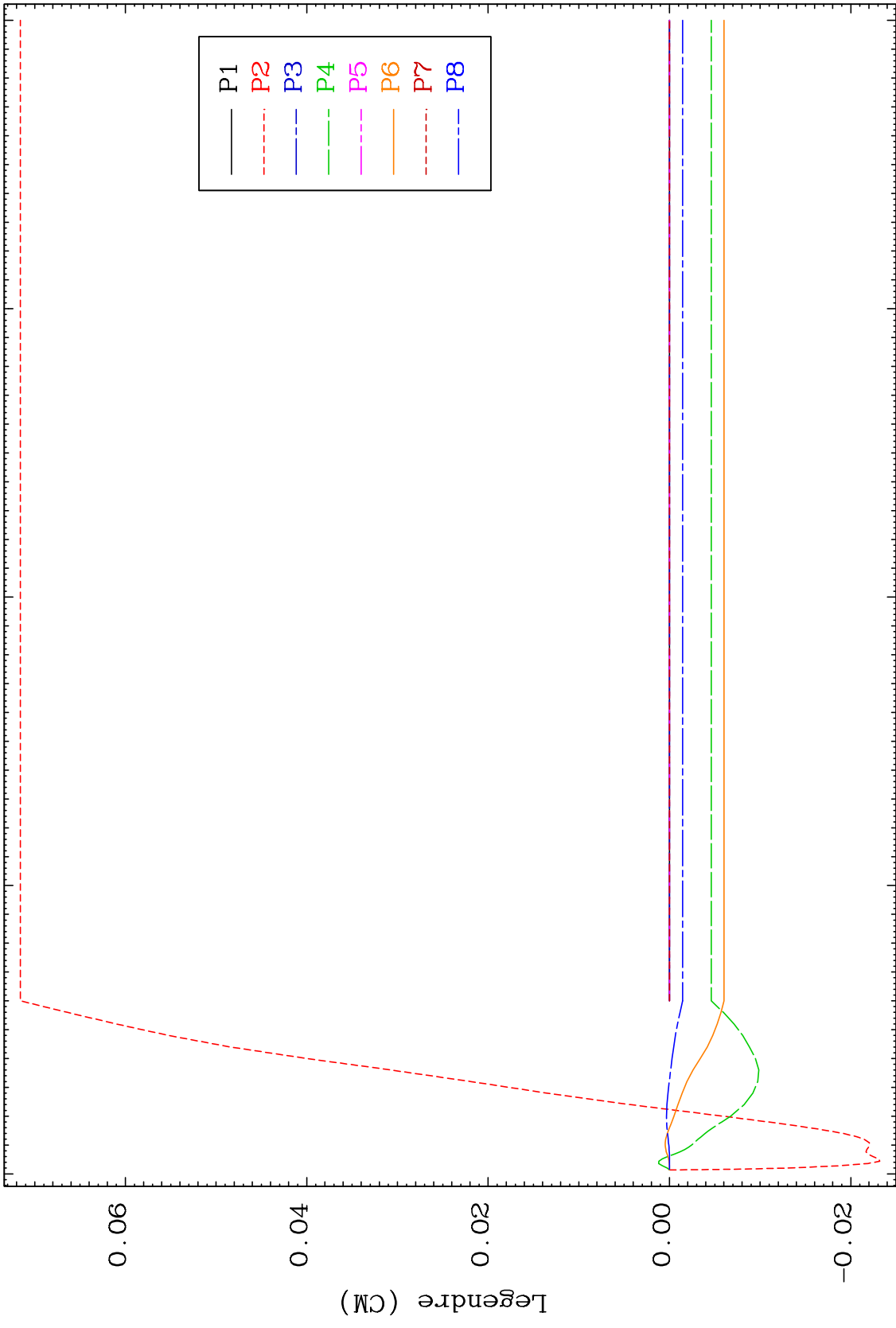
50-Sn-121

MAT 5052 MT= 52 (n,n') Level Legendre Coefficients 50-Sn-121



26 Incident Energy (MeV) 50-Sn-121

MAT 5052 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-121

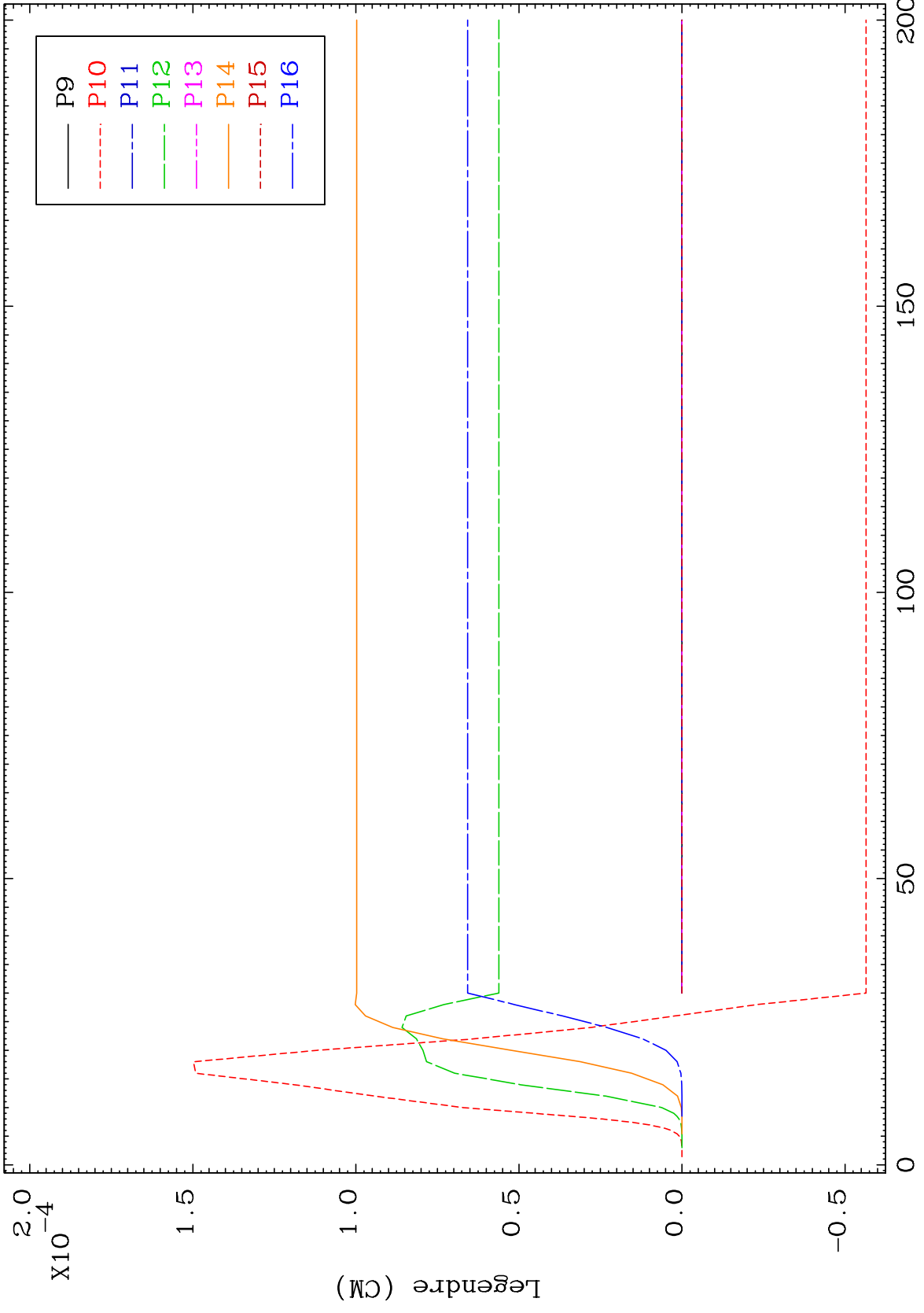


27 Incident Energy (MeV) 50-Sn-121

MAT 5052

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

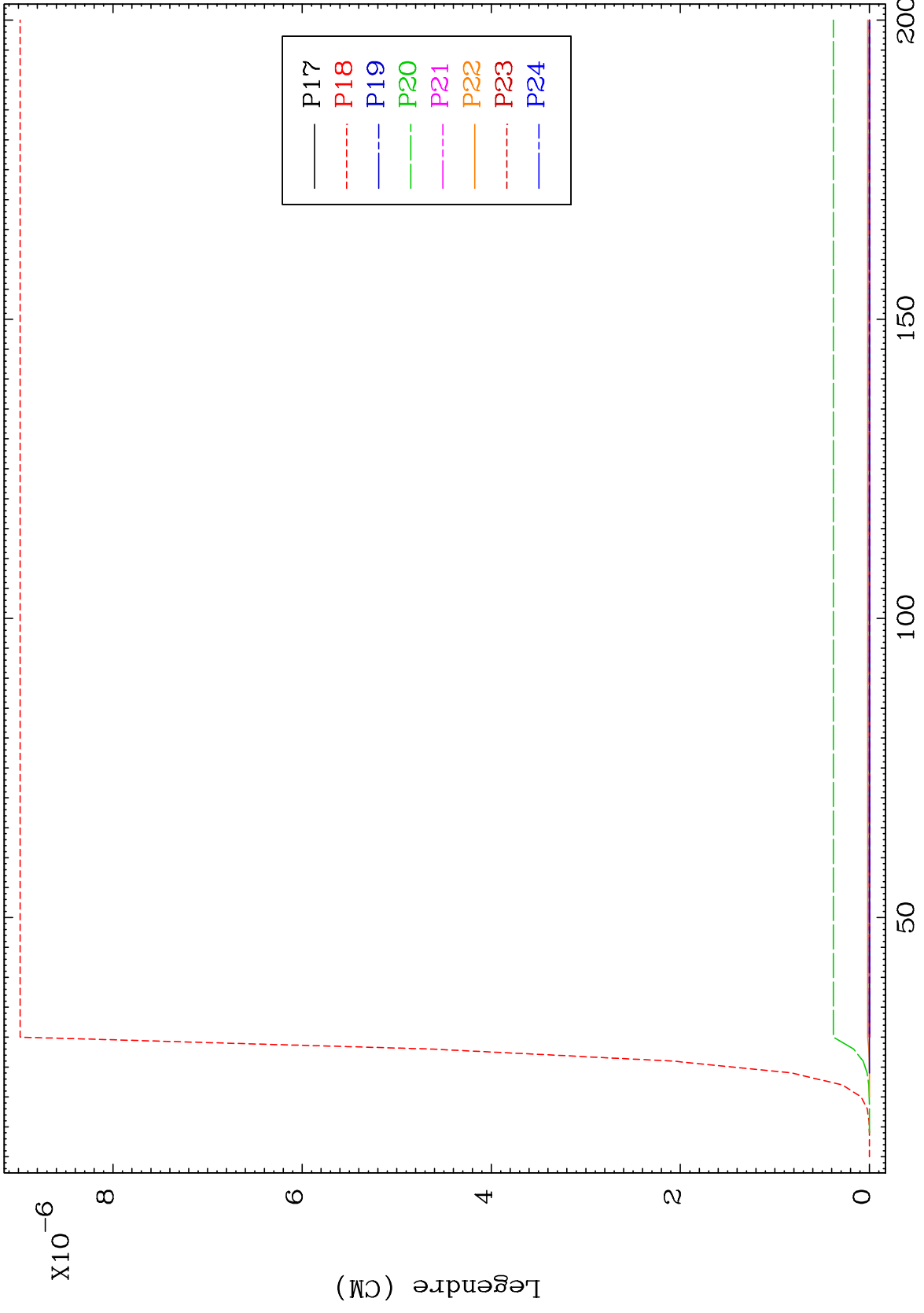
50-Sn-121



28

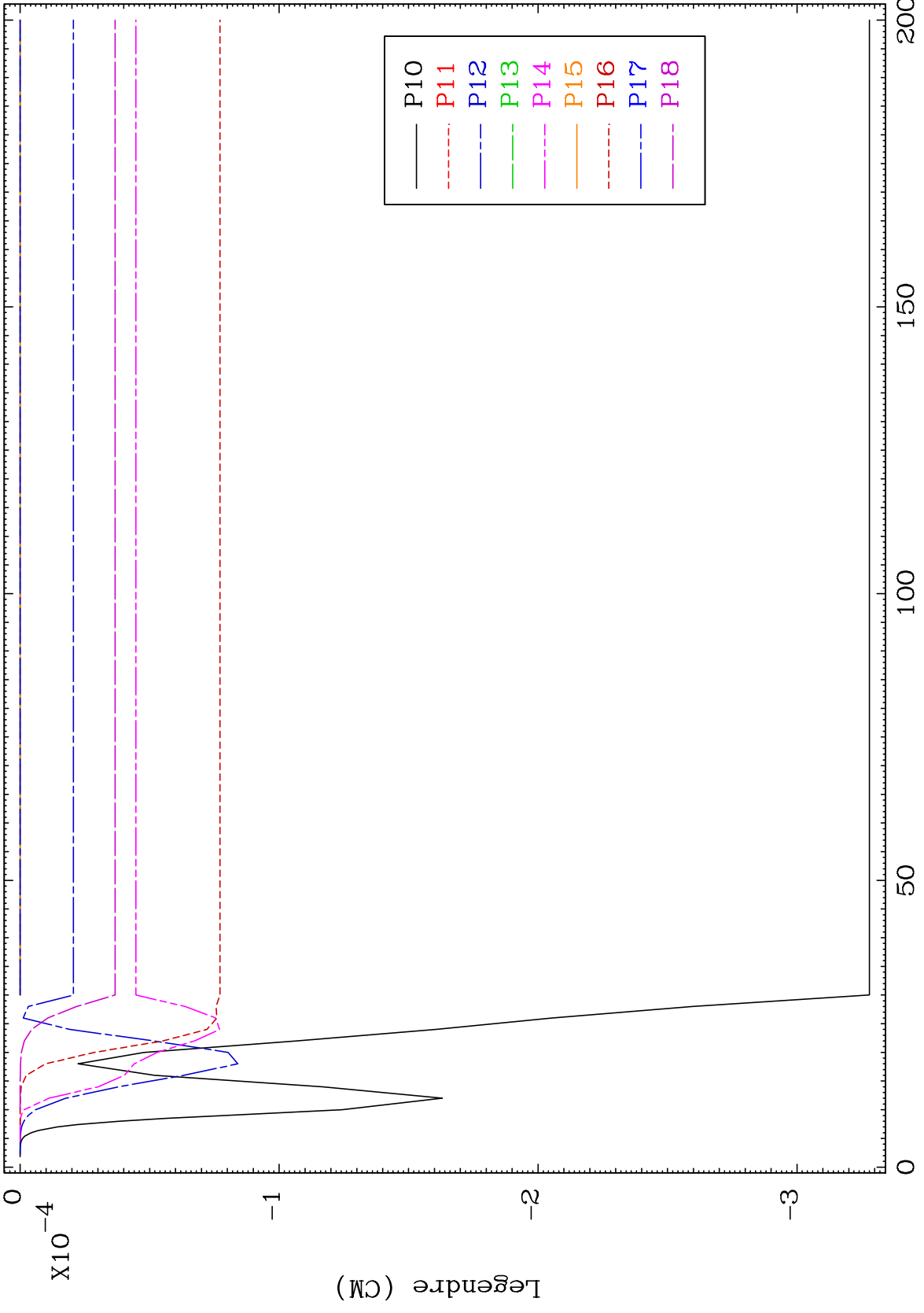
50-Sn-121

MAT 5052 MT= 53 (n,n') Level Legendre Coefficients 50-Sn-121

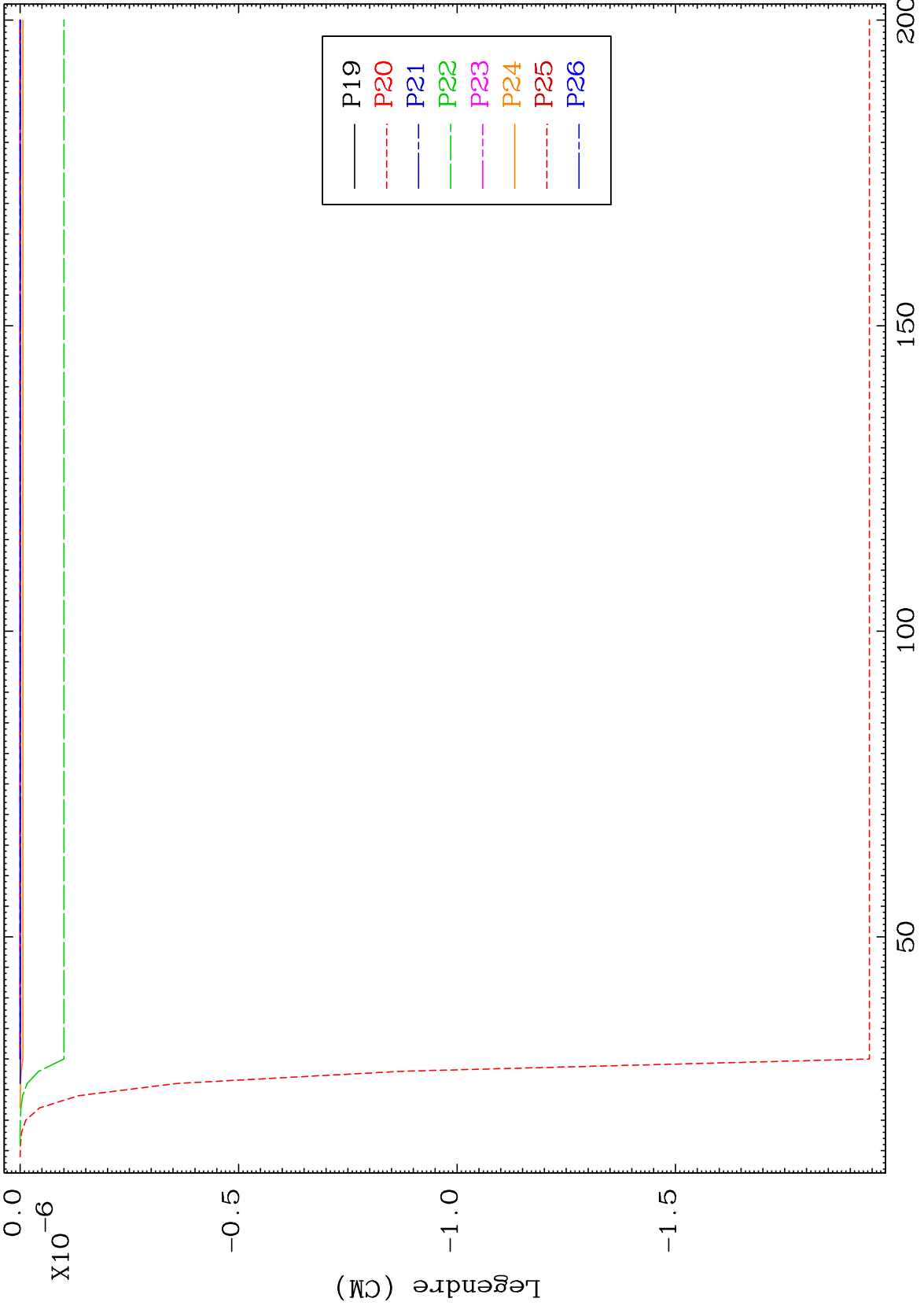


29 Incident Energy (MeV) 50-Sn-121

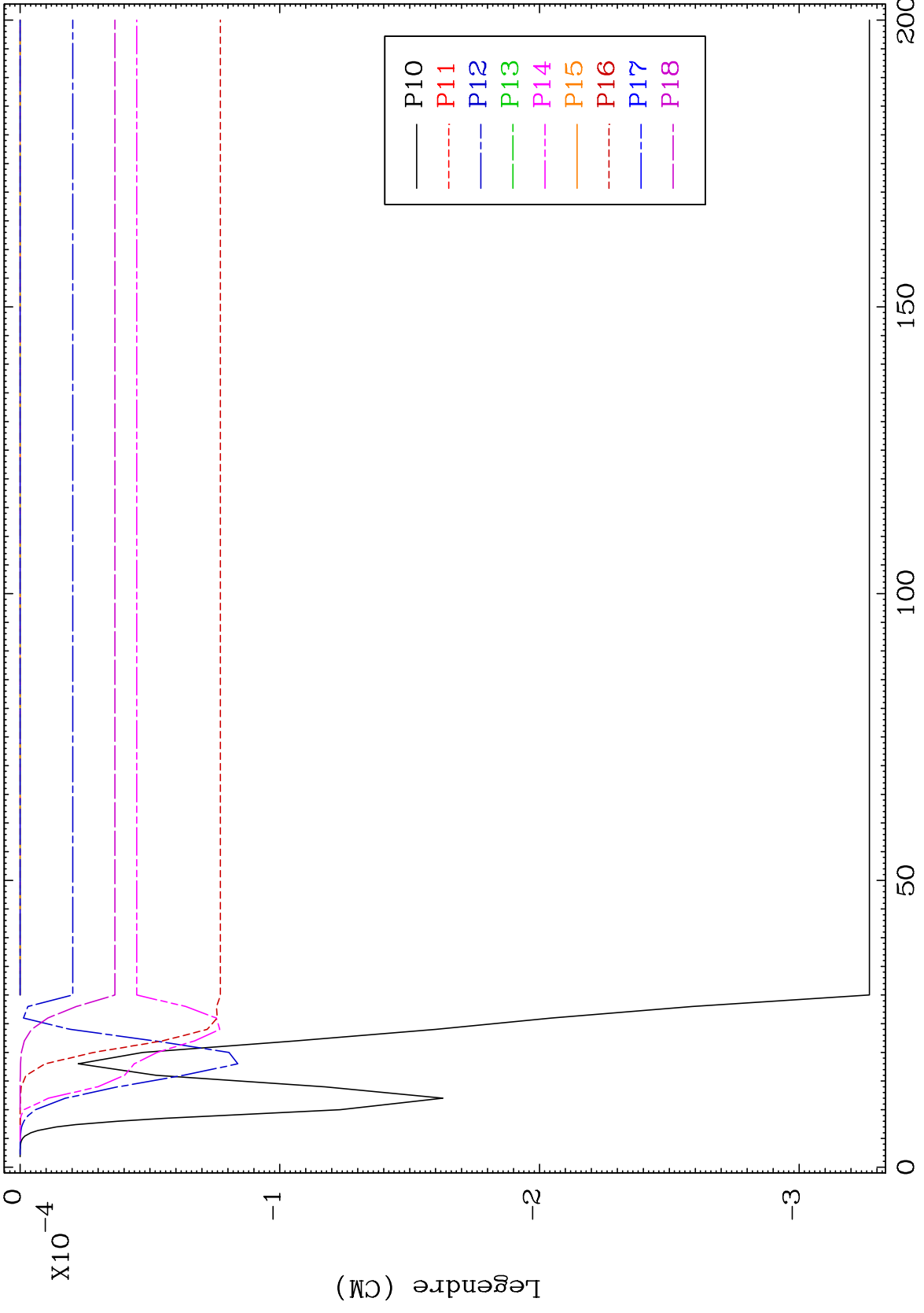
MAT 5052 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-121



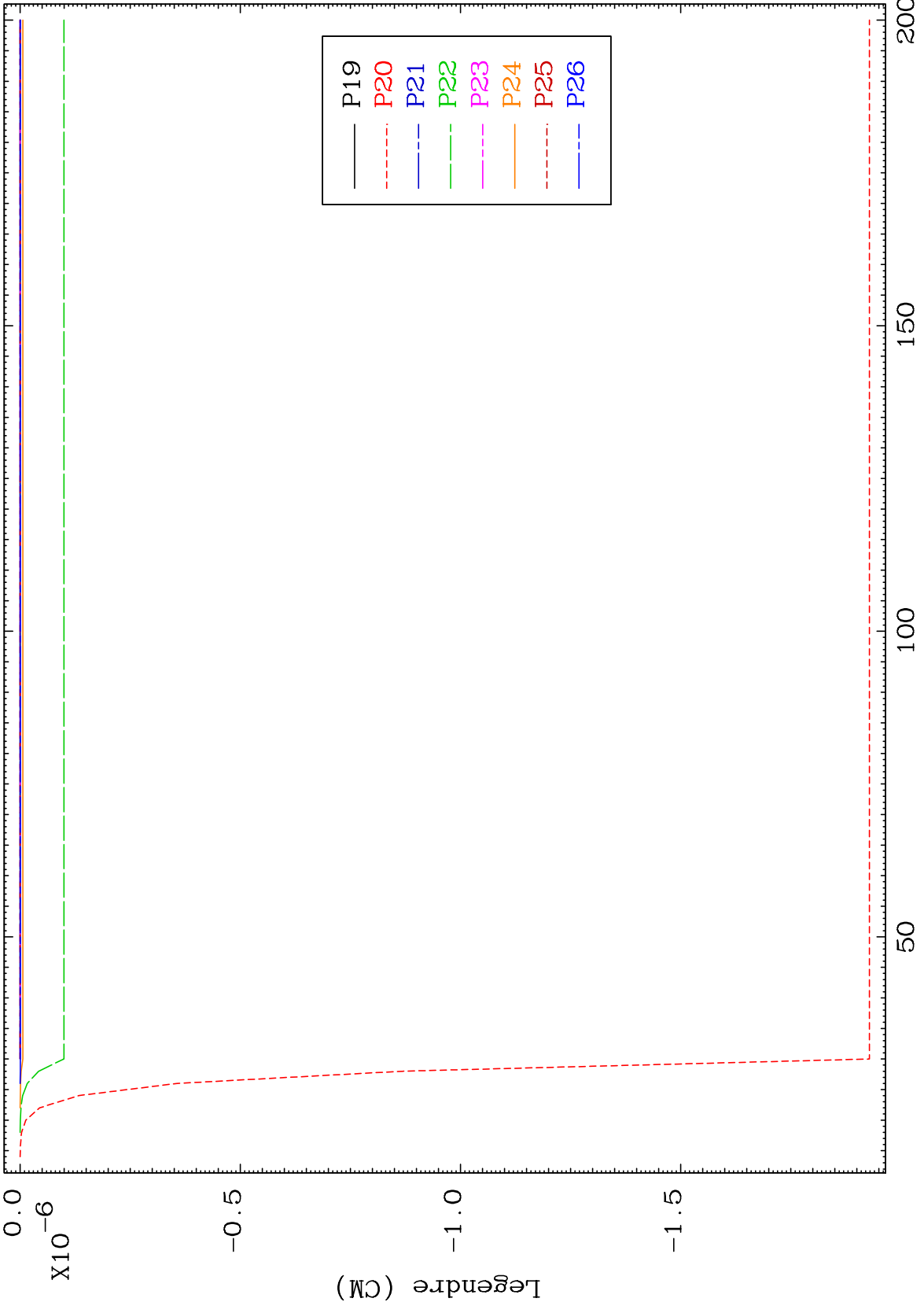
MAT 5052 MT= 54 (n,n') Level Legendre Coefficients 50-Sn-121



MAT 5052 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-121

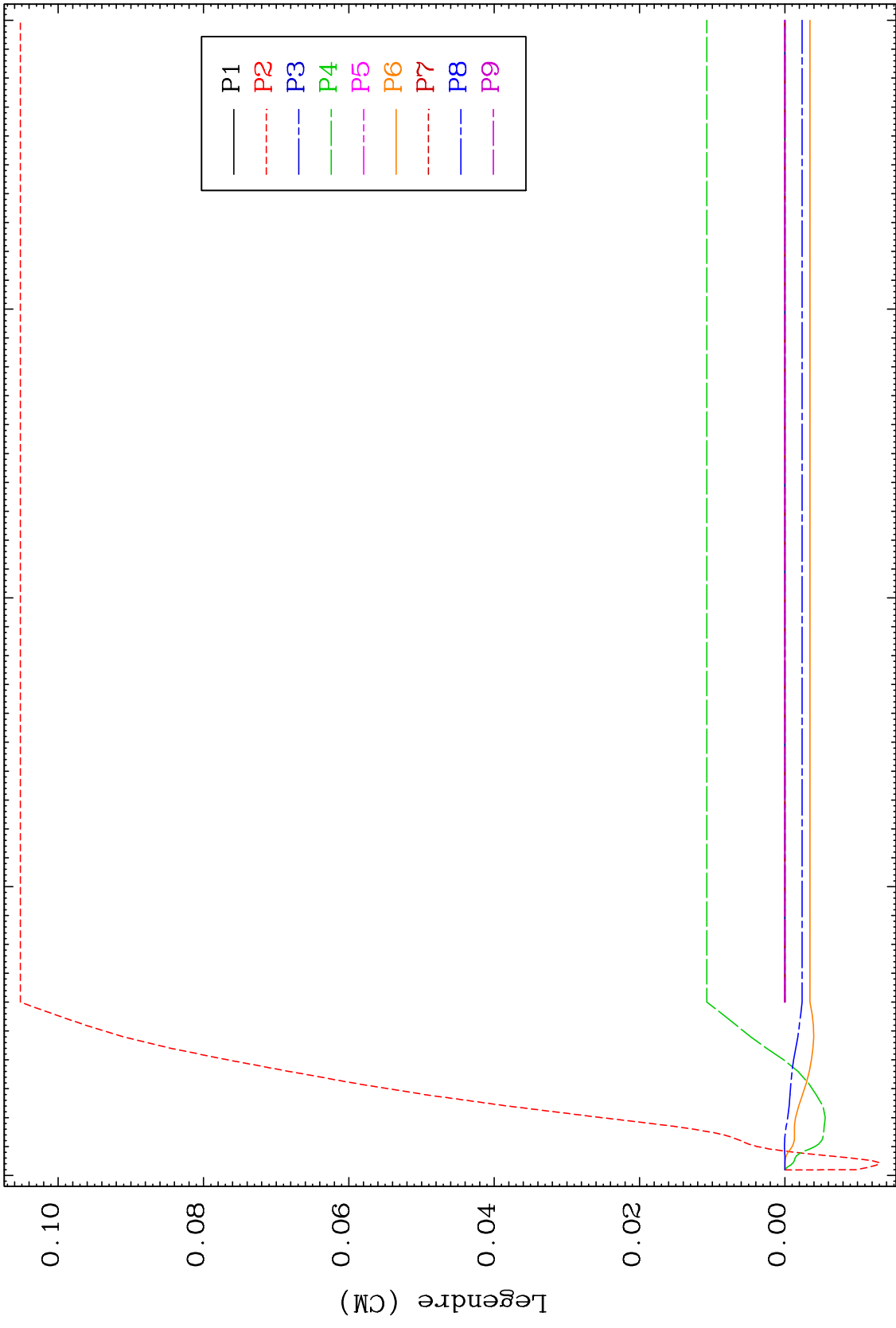


MAT 5052 MT= 55 (n,n') Level Legendre Coefficients 50-Sn-121



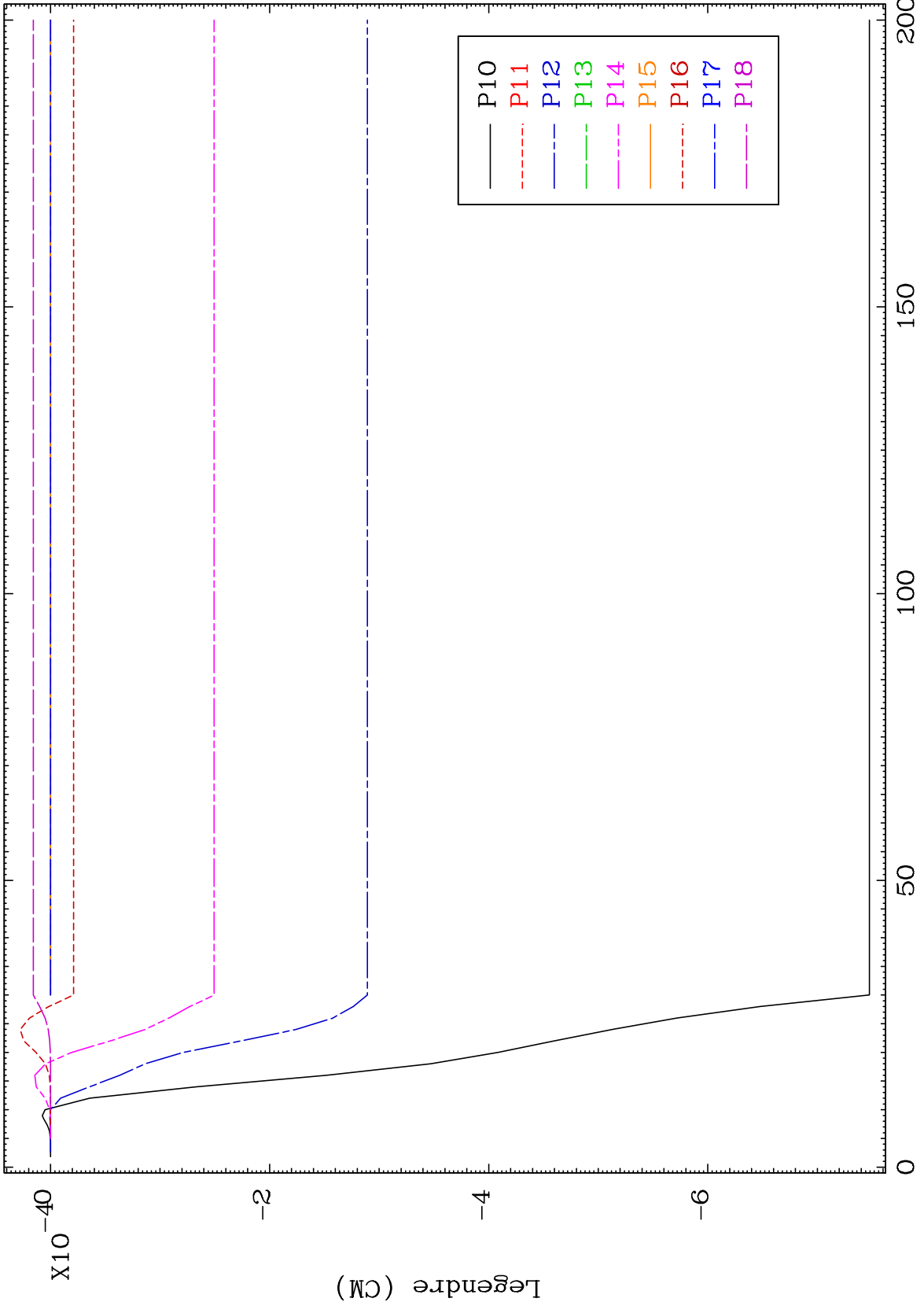
35 Incident Energy (MeV) 50-Sn-121

MAT 5052 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-121



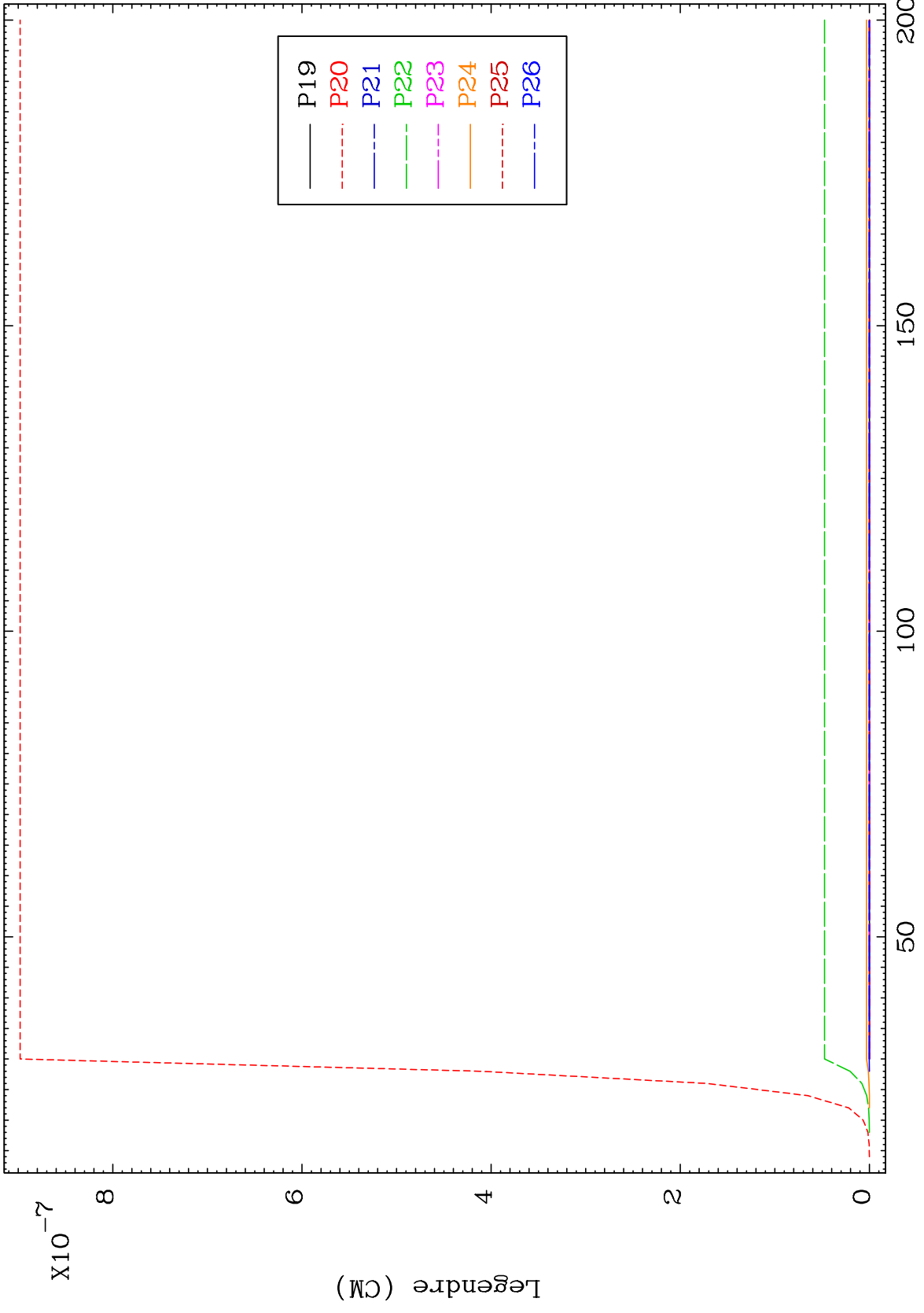
36 50-Sn-121

MAT 5052 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-121



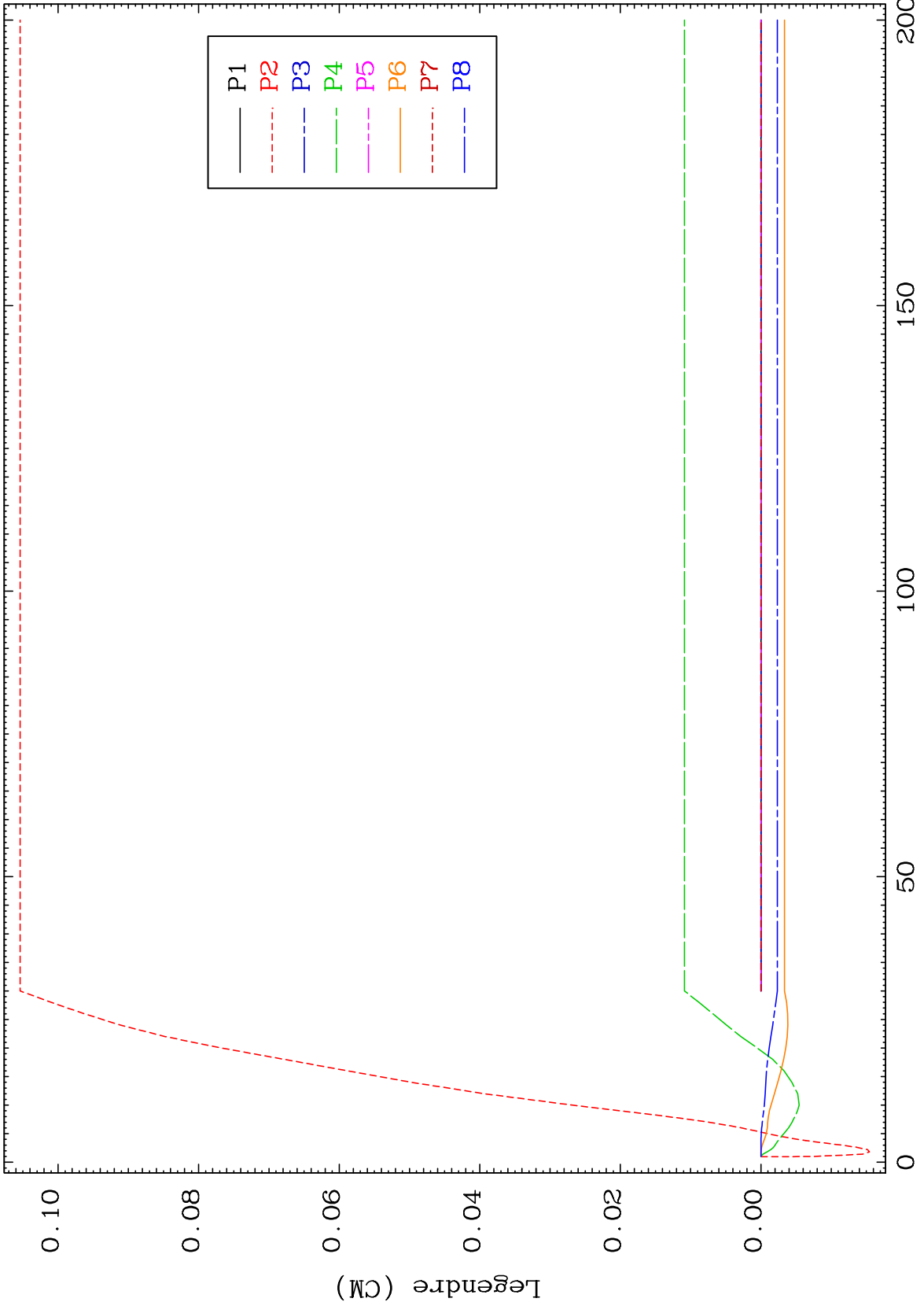
37 50-Sn-121

MAT 5052 MT= 56 (n,n') Level Legendre Coefficients 50-Sn-121



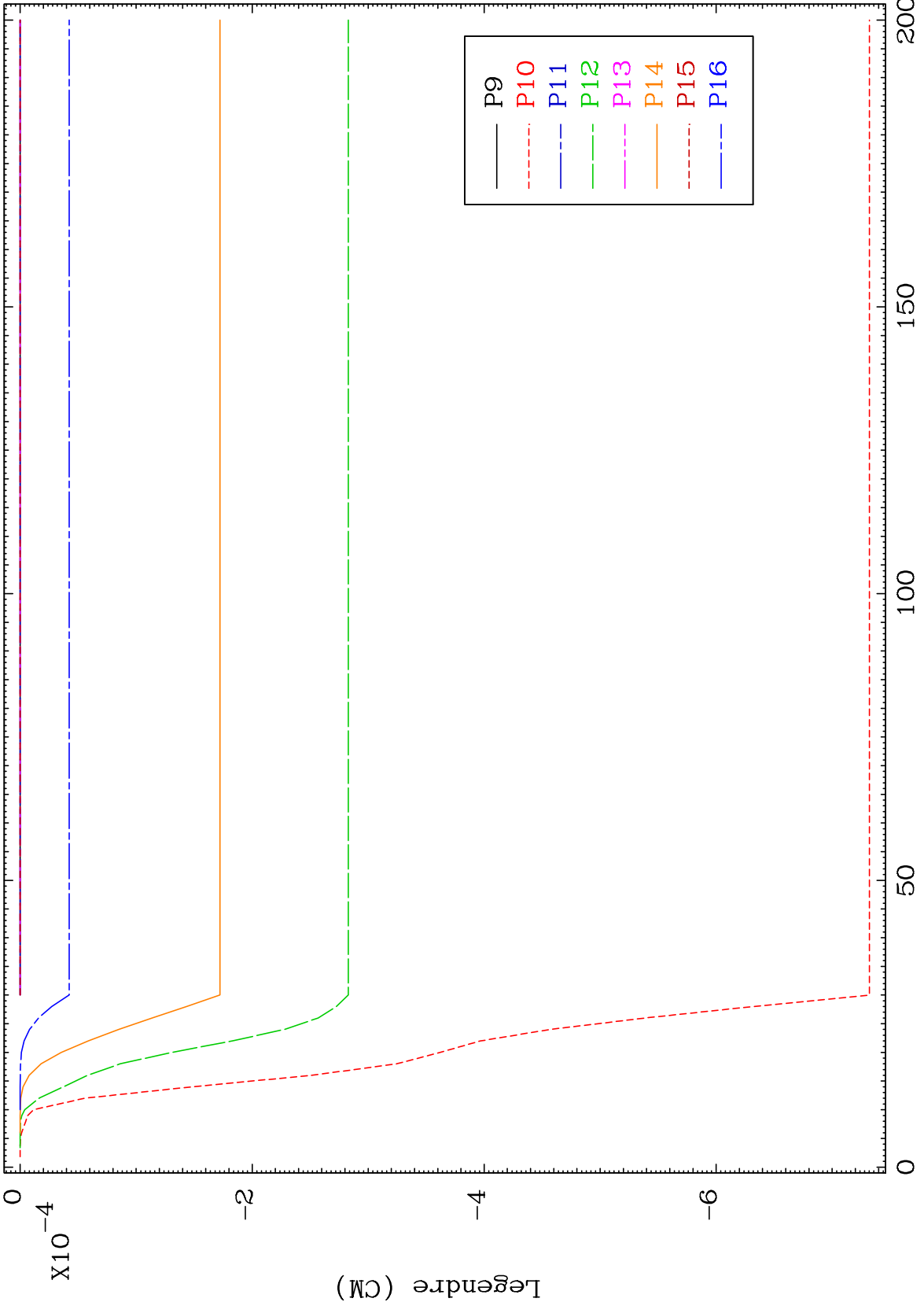
38 Incident Energy (MeV) 50-Sn-121

MAT 5052 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-121



39 Incident Energy (MeV) 50-Sn-121

MAT 5052 MT= 57 (n,n') Level Legendre Coefficients 50-Sn-121

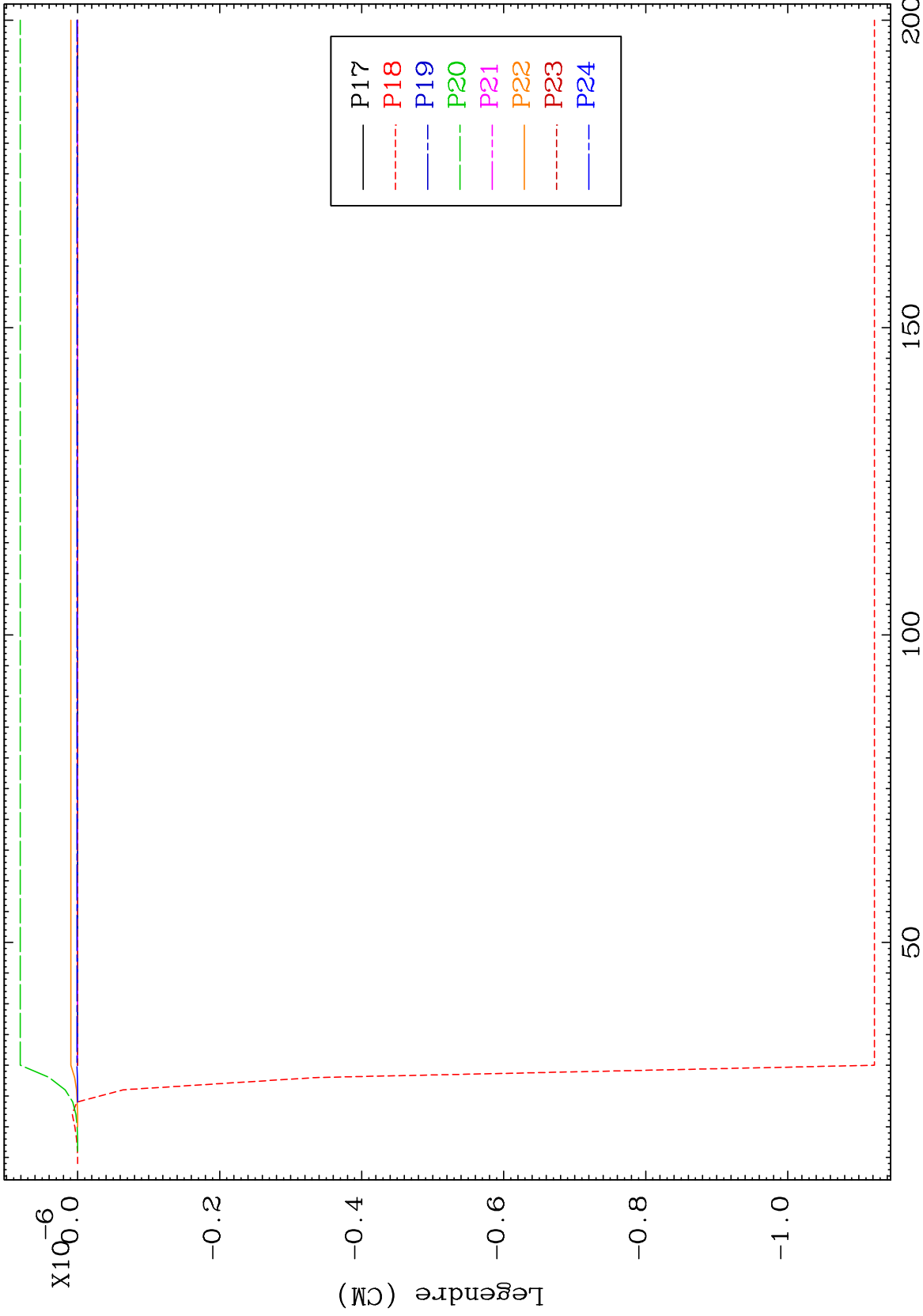


50-Sn-121

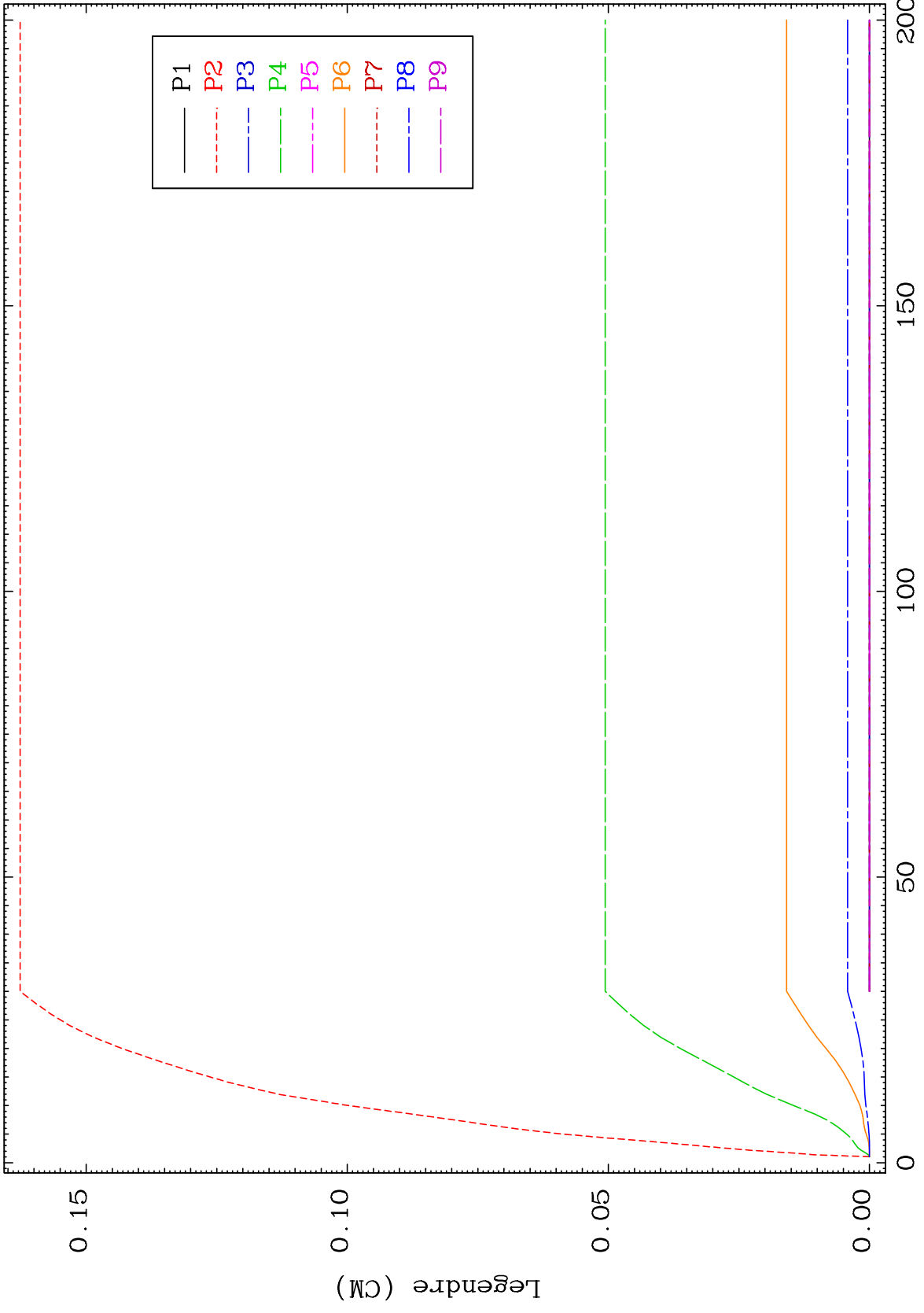
MAT 5052

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

50-Sn-121



MAT 5052 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-121

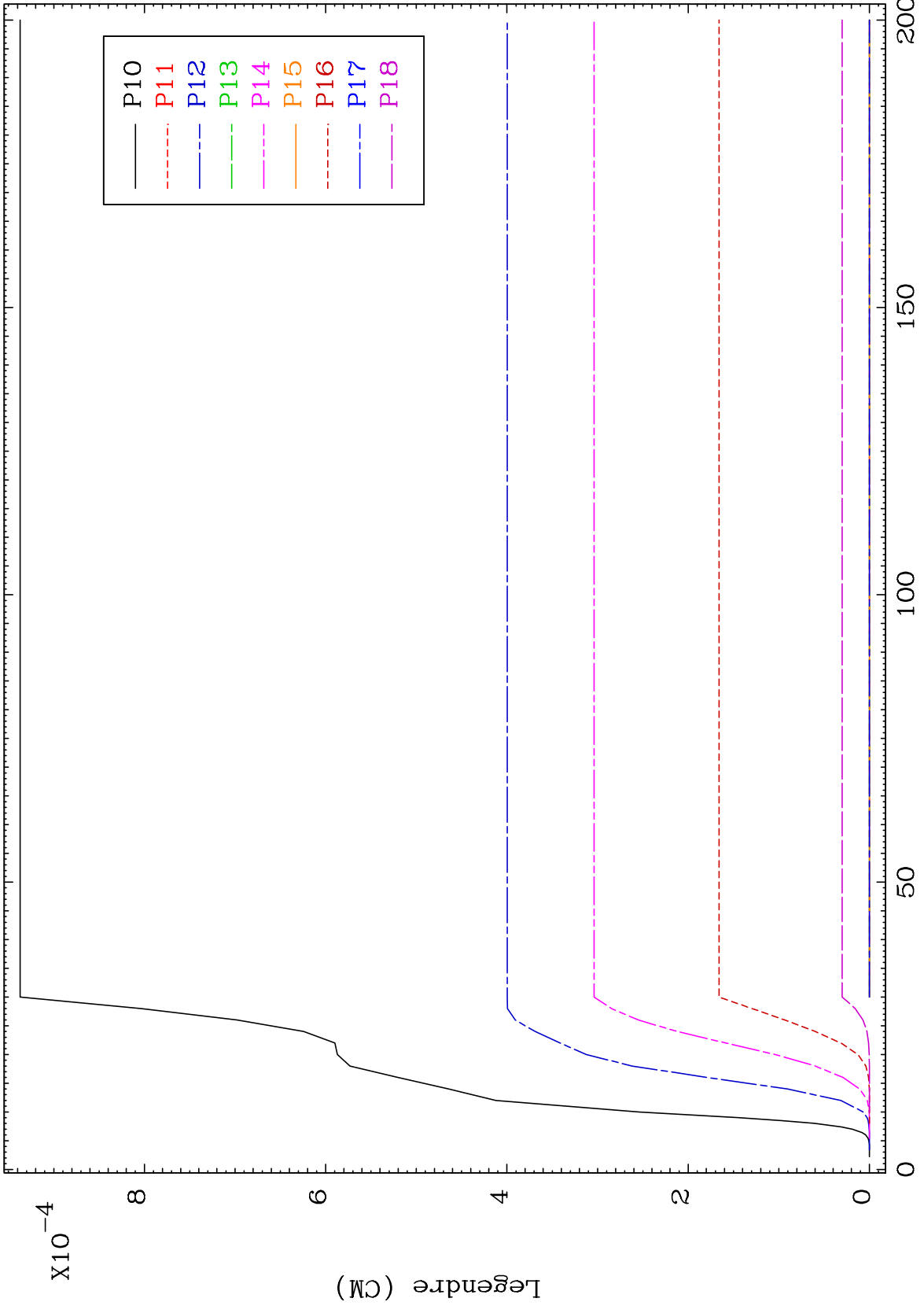


42 50-Sn-121

MAT 5052

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

50-Sn-121

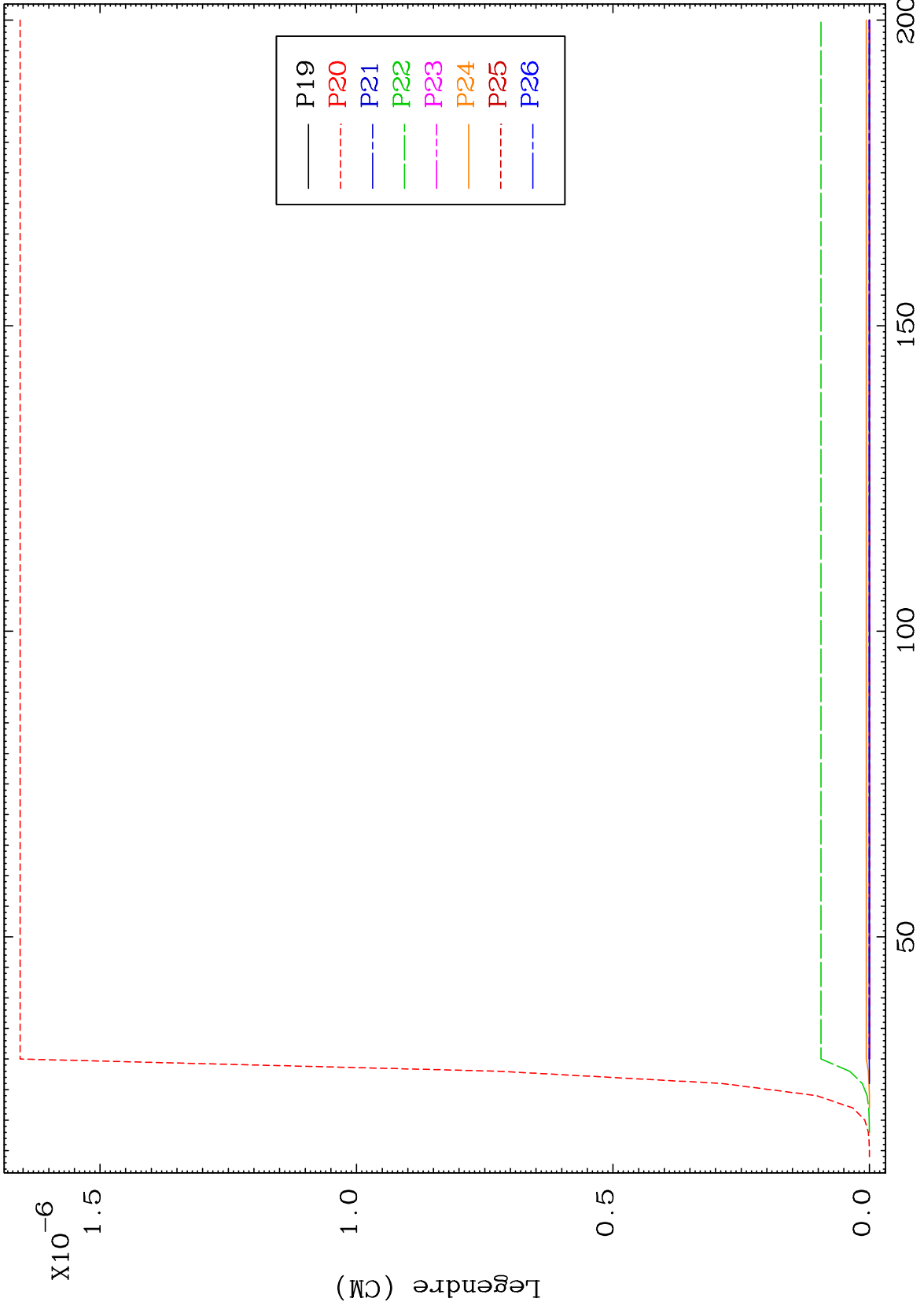


43

Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 58 (n,n') Level Legendre Coefficients 50-Sn-121

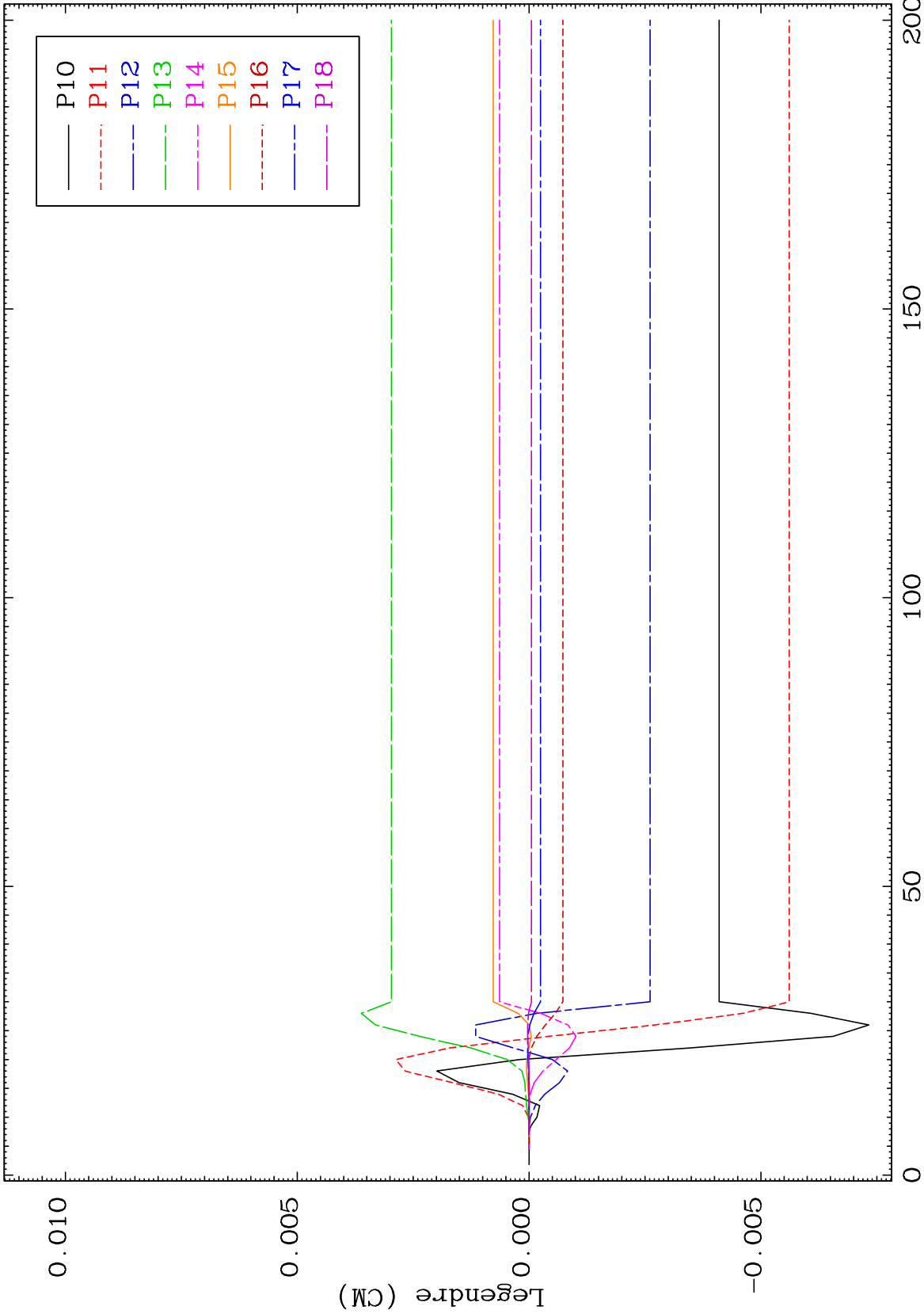


44 Incident Energy (MeV) 50-Sn-121

MAT 5052

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

50-Sn-121

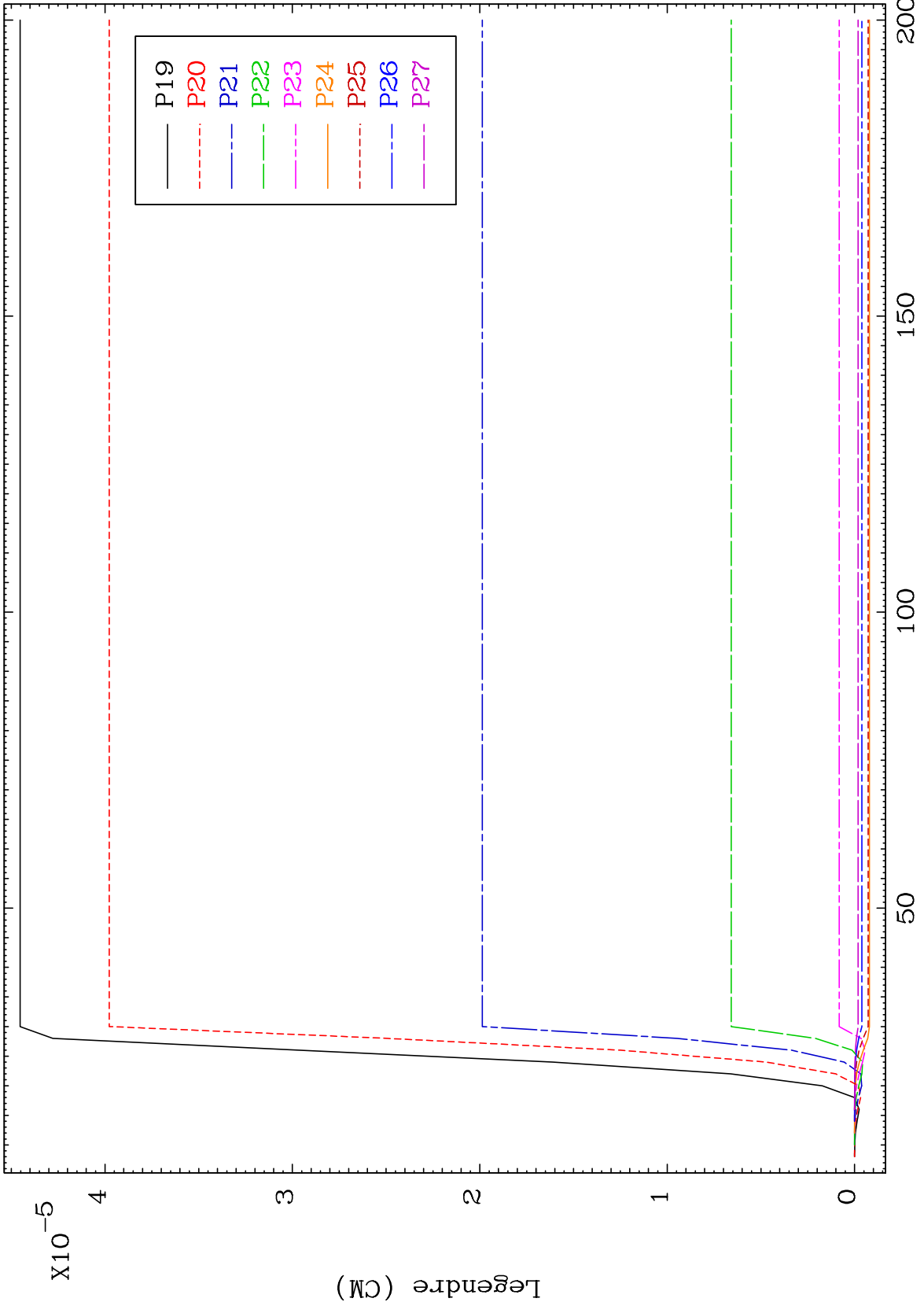


46

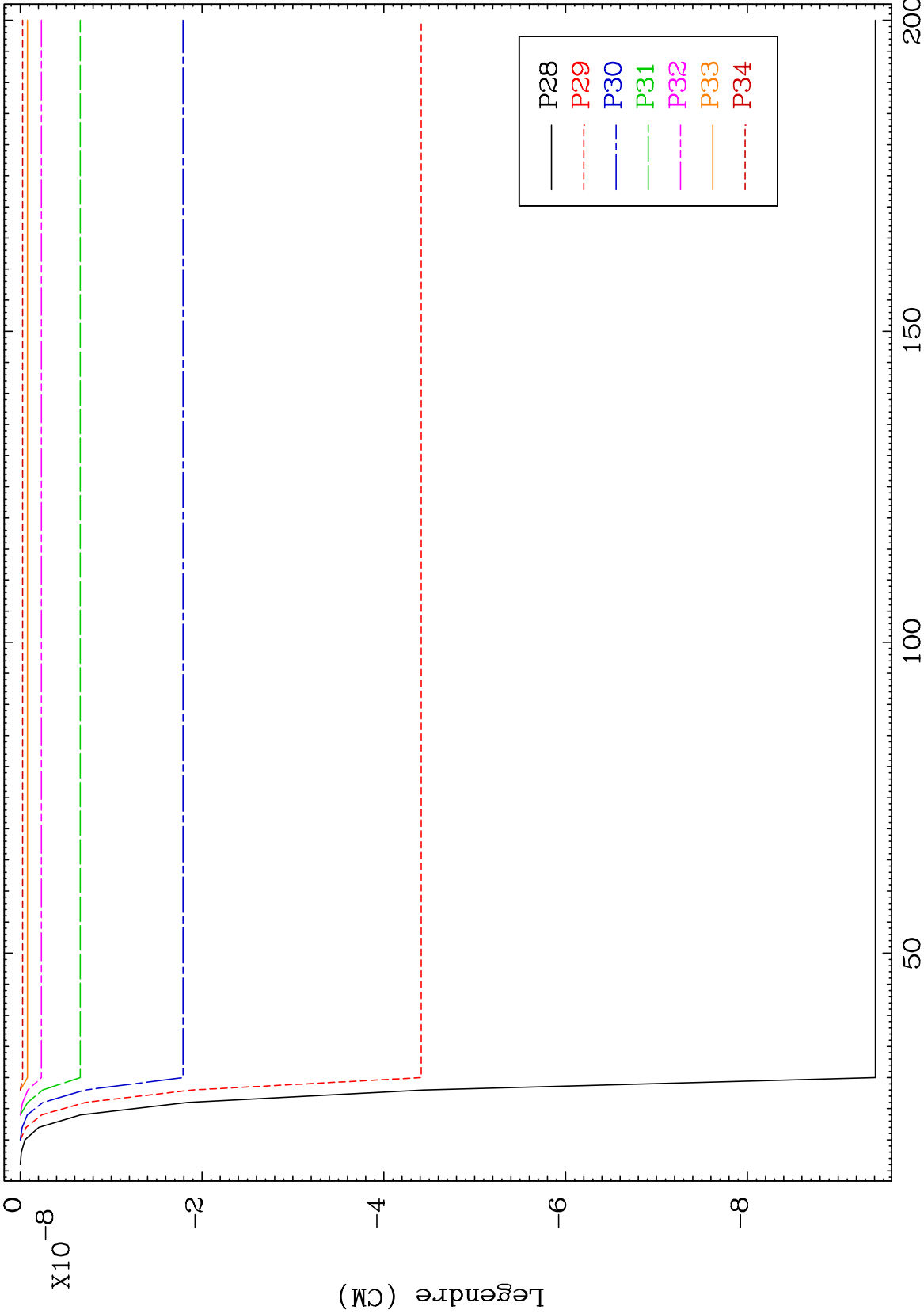
Incident Energy (MeV)

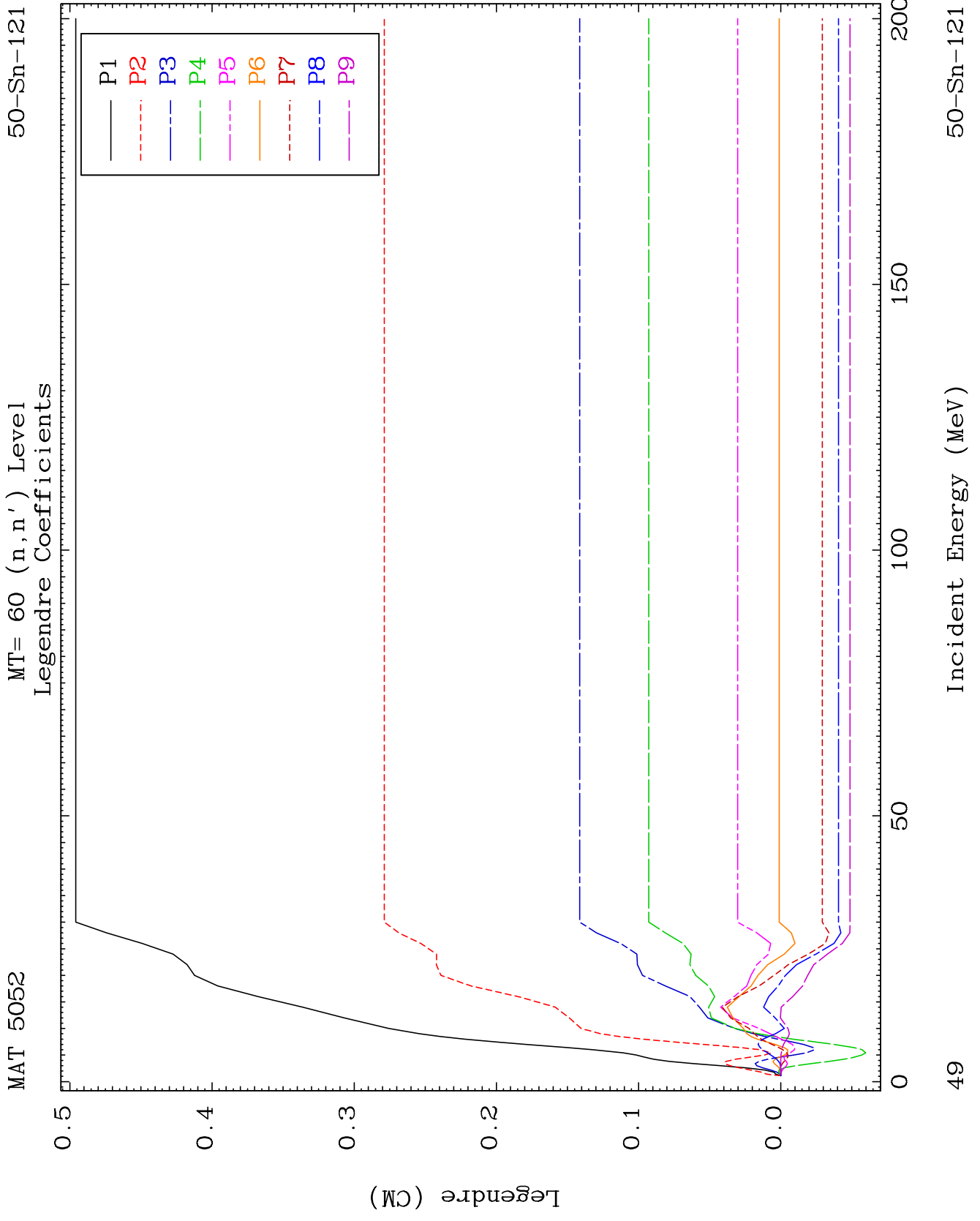
50-Sn-121

MAT 5052 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-121



MAT 5052 MT= 59 (n,n') Level Legendre Coefficients 50-Sn-121

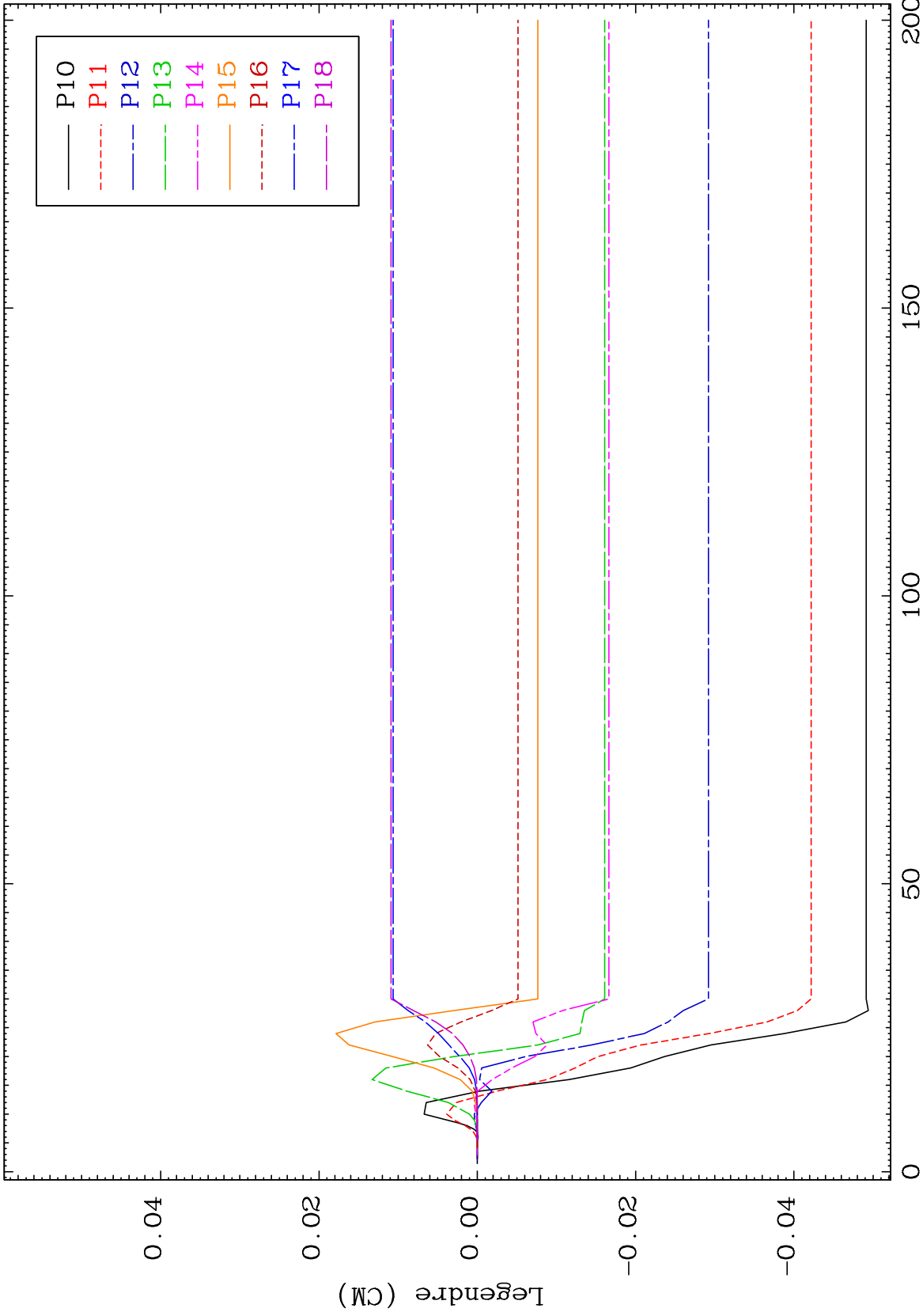




MAT 5052

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

50-Sn-121



50

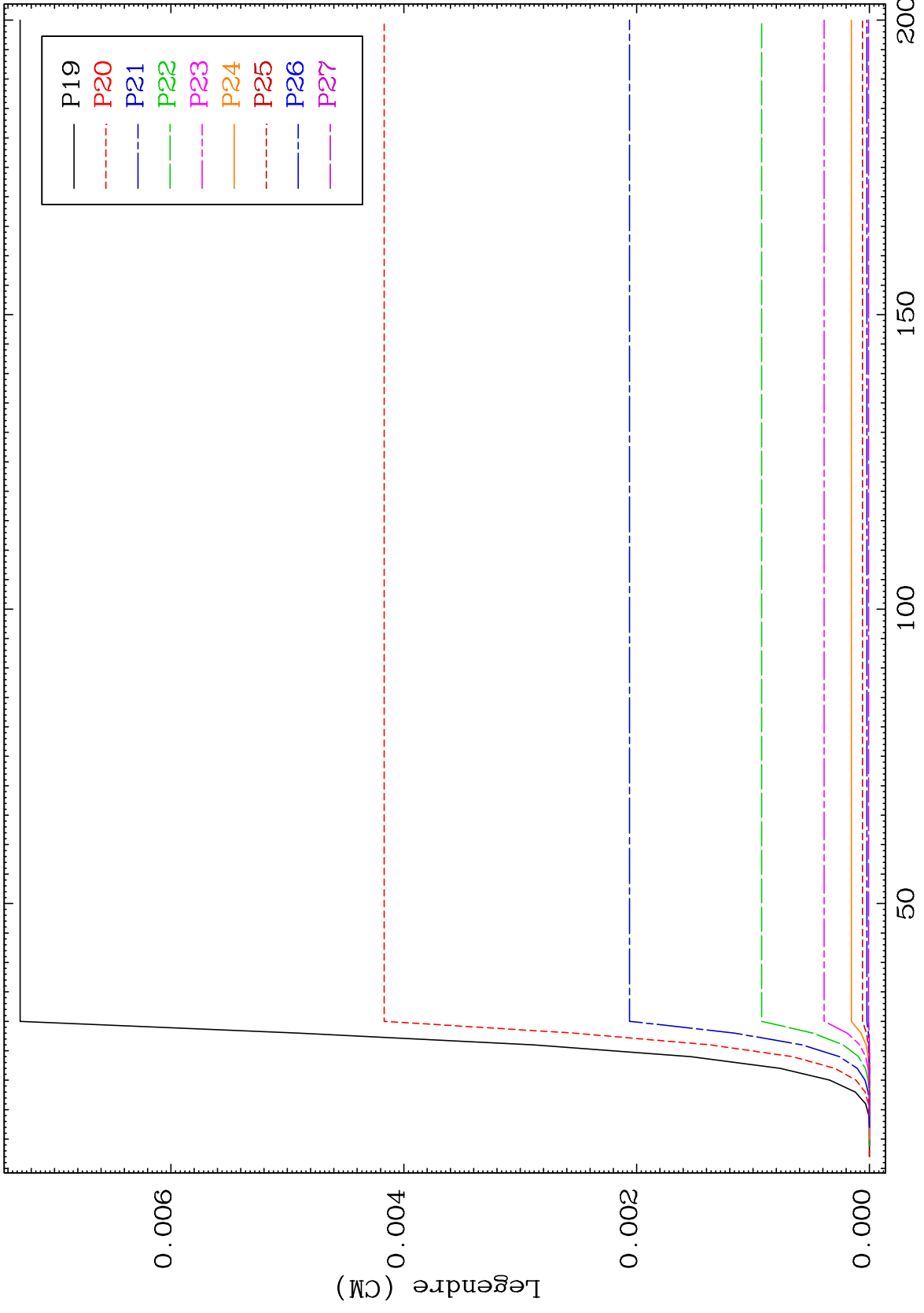
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121



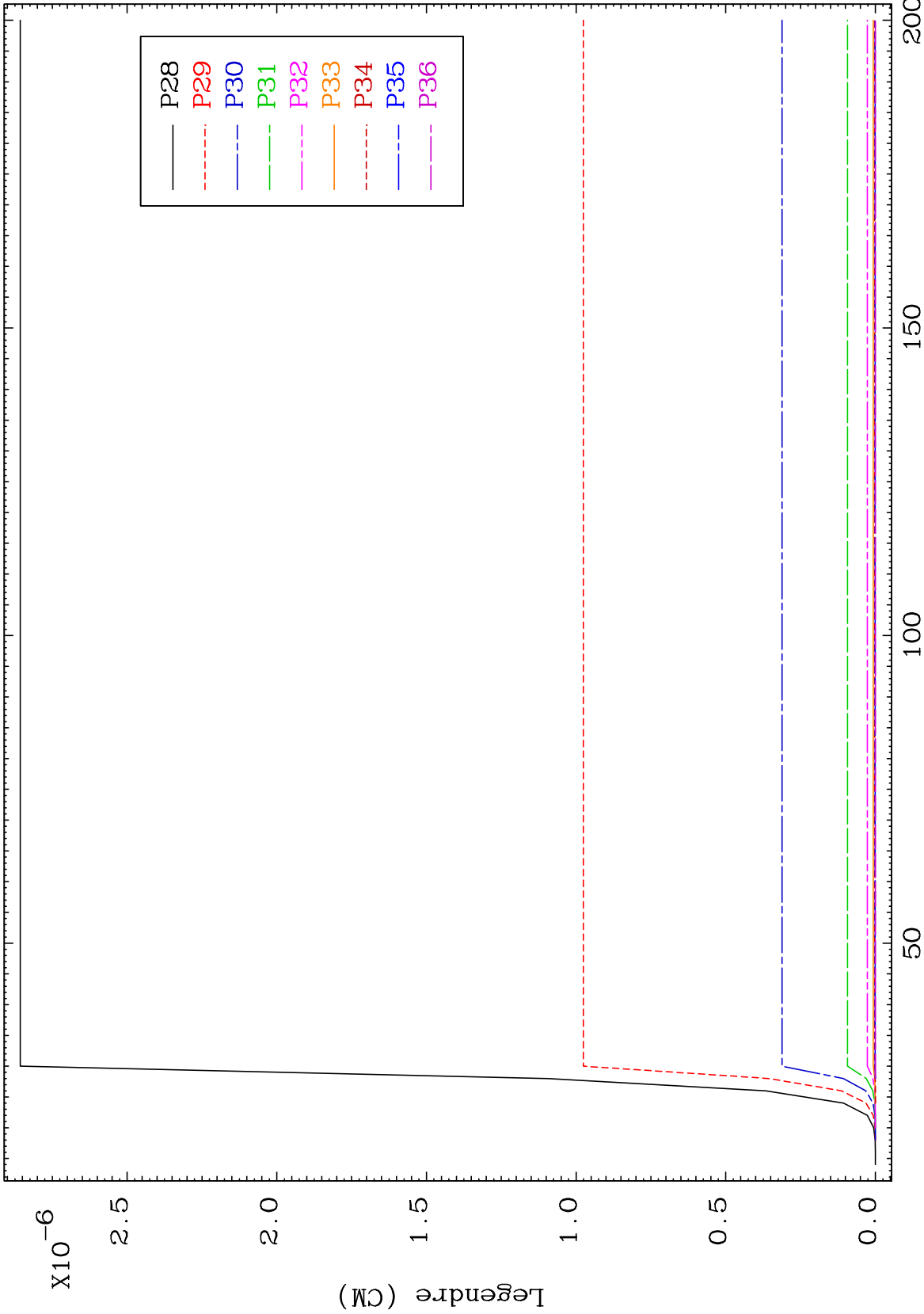
51

50-Sn-121

MAT 5052

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

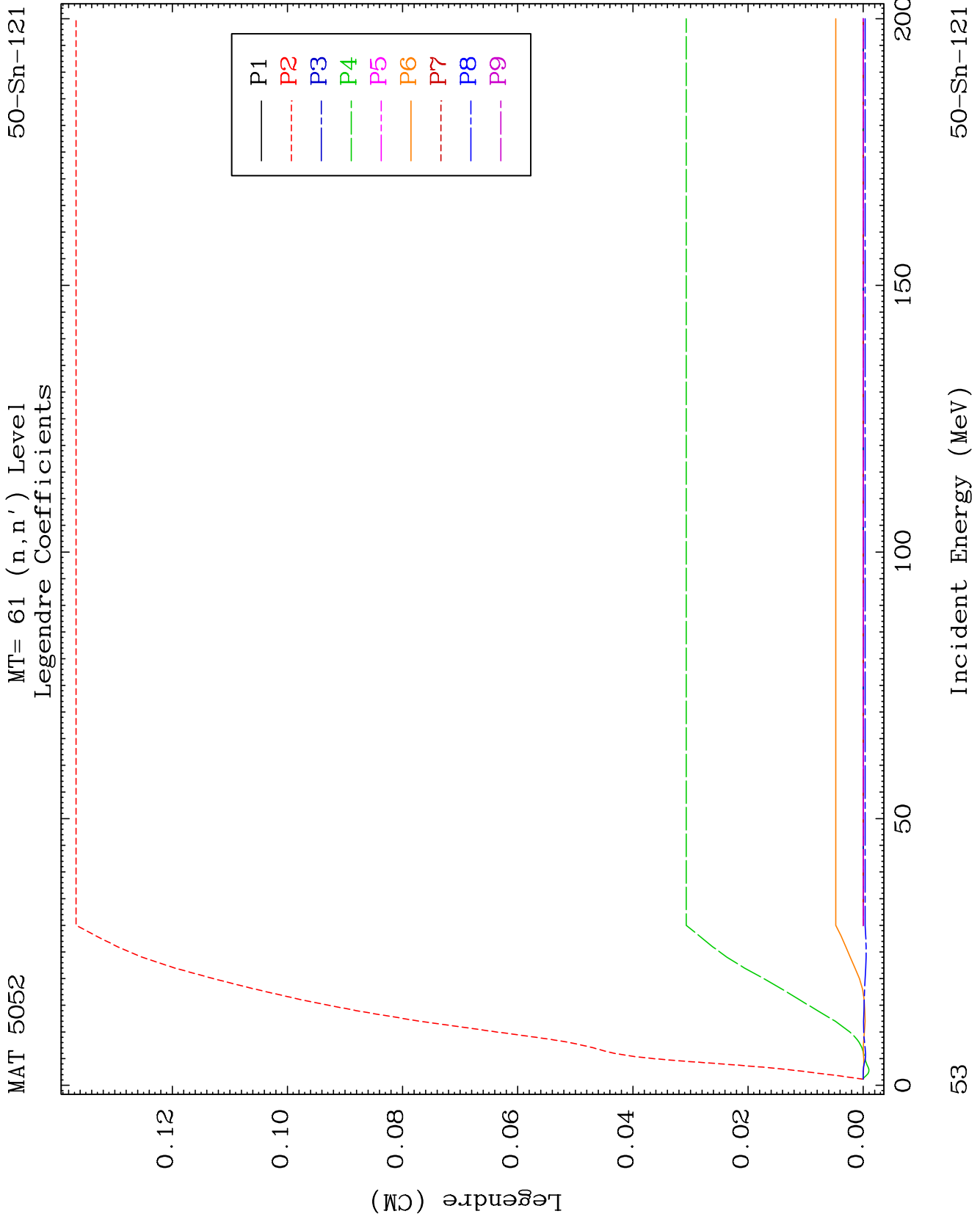
50-Sn-121



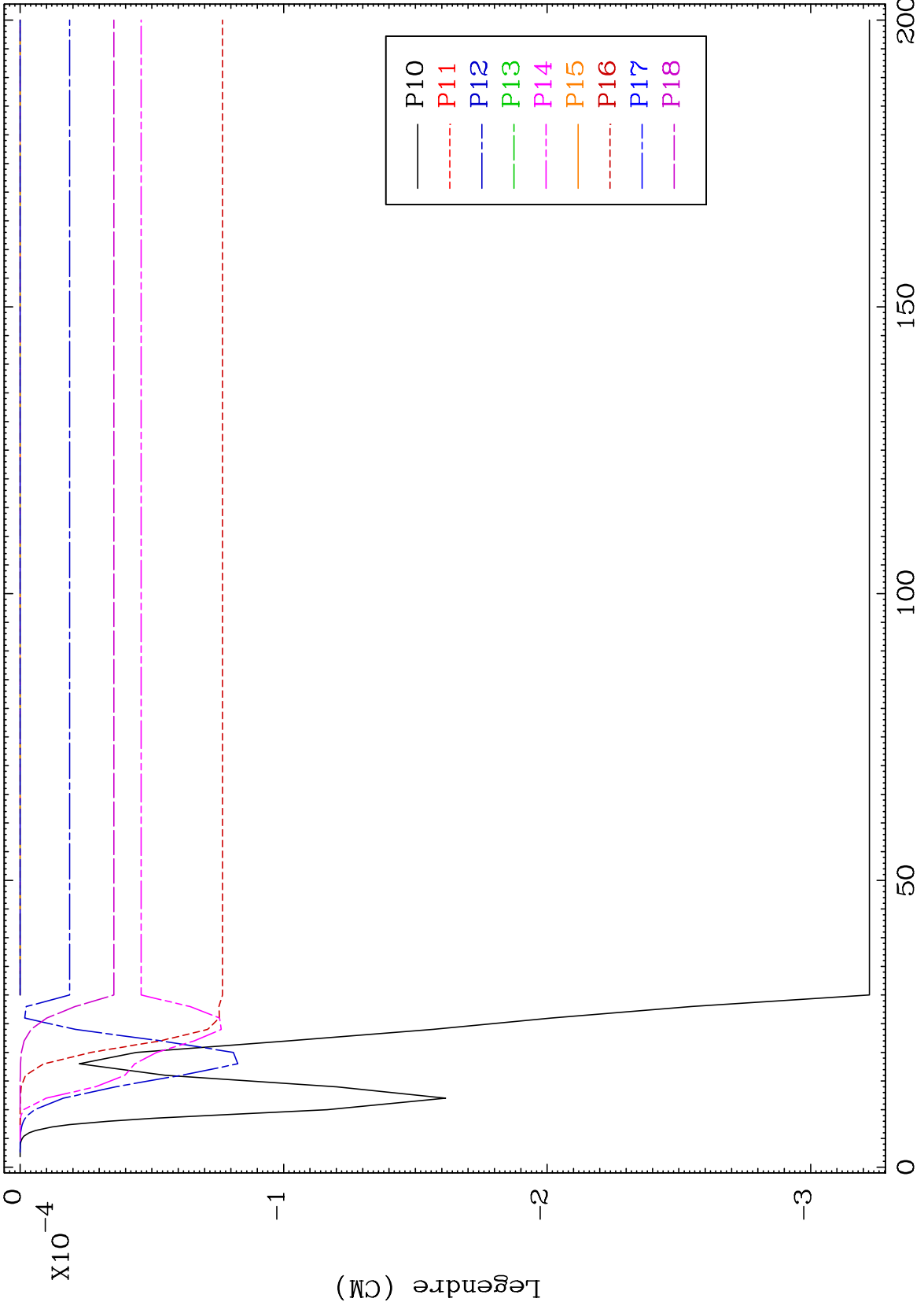
52

Incident Energy (MeV)

50-Sn-121

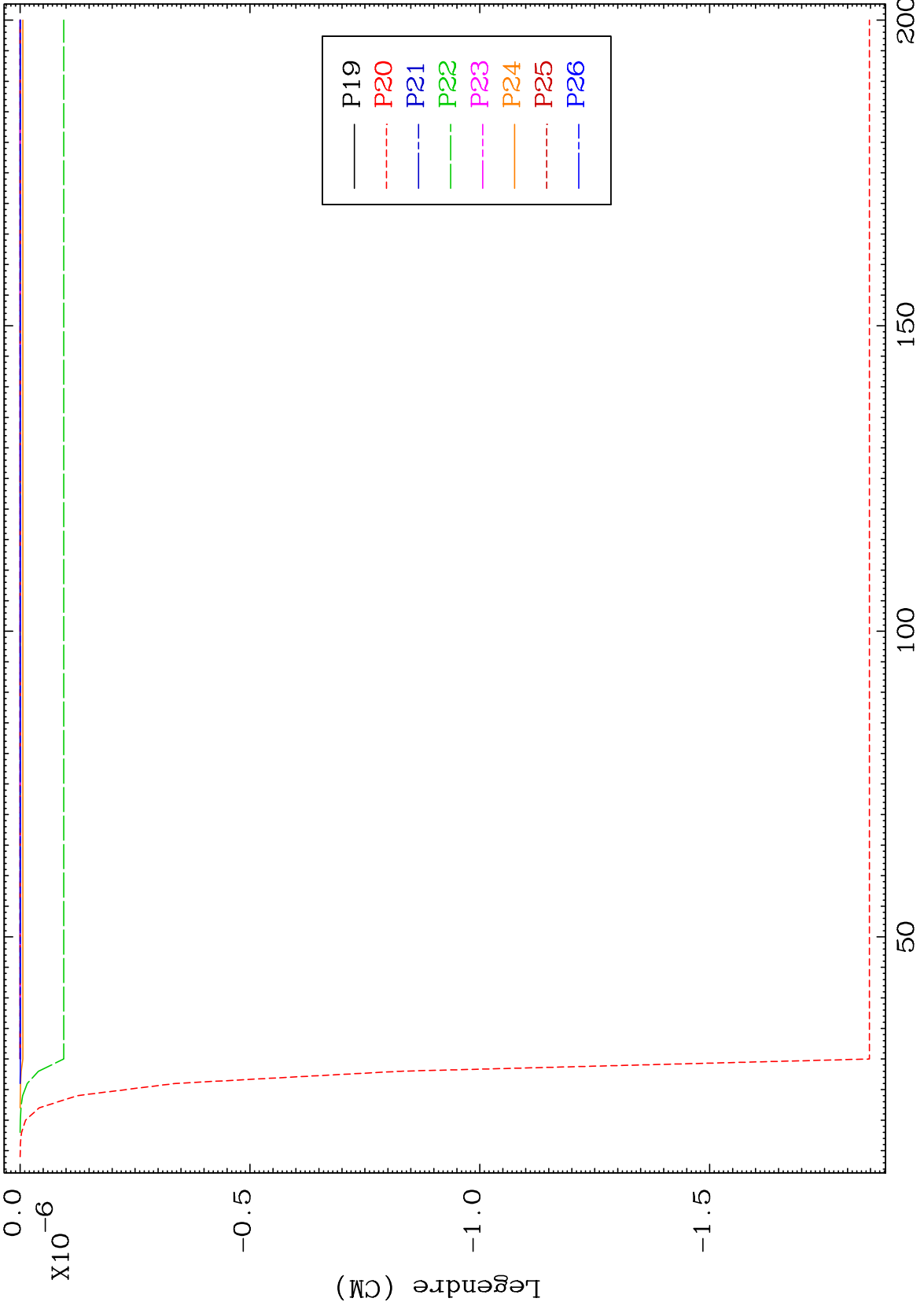


MAT 5052 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-121



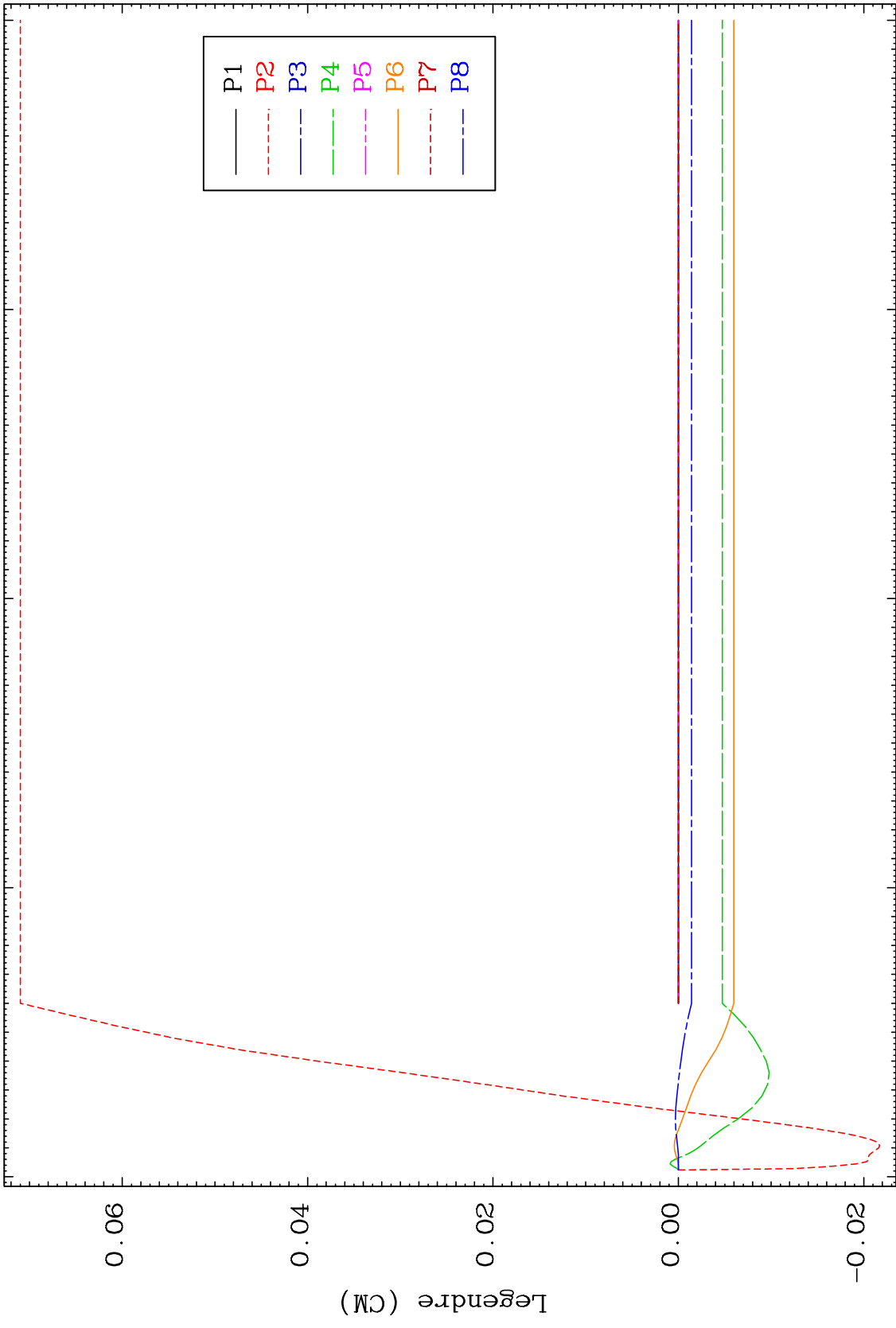
54 50-Sn-121

MAT 5052 MT= 61 (n,n') Level Legendre Coefficients 50-Sn-121



55 50-Sn-121

MAT 5052 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-121

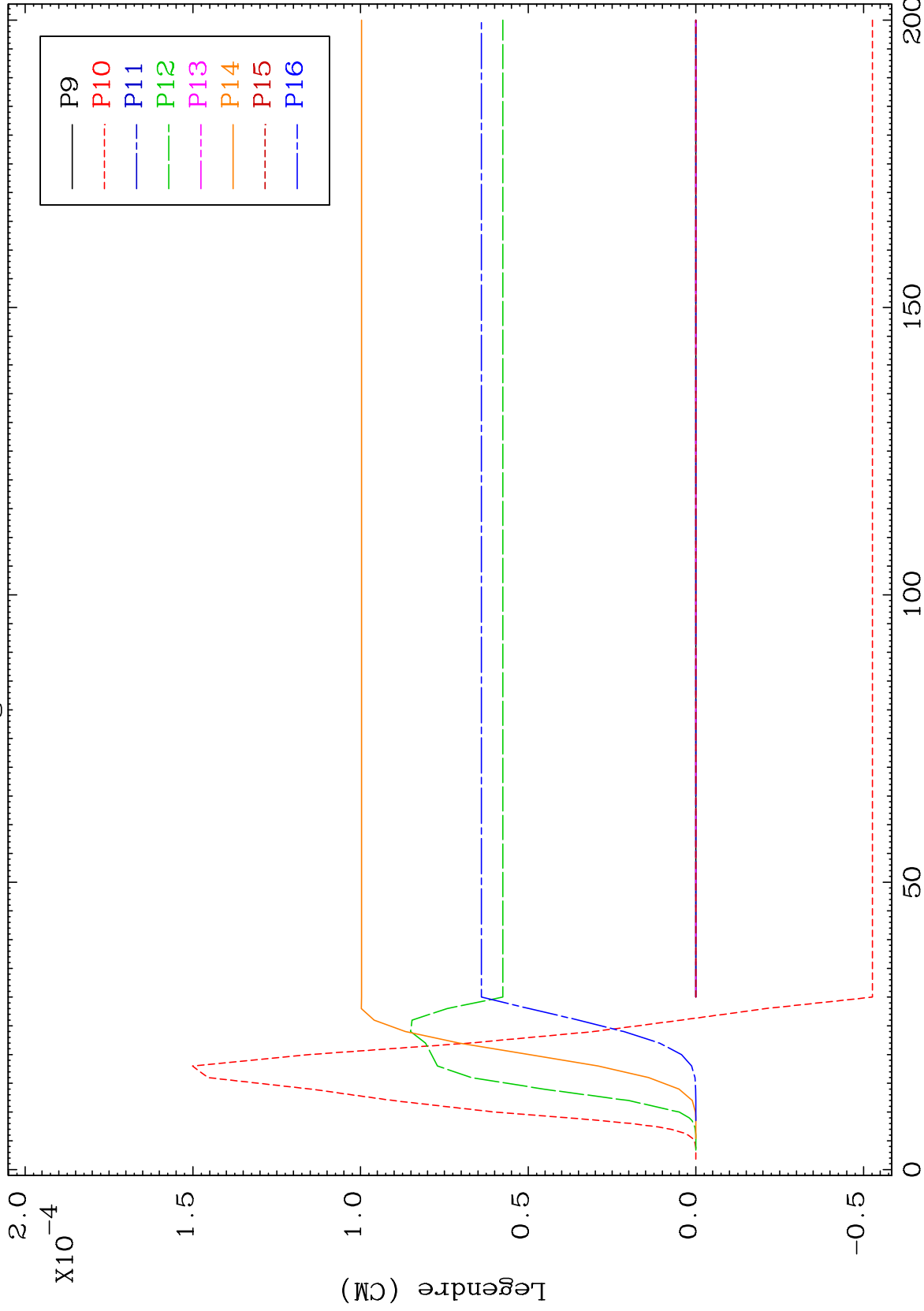


56 Incident Energy (MeV) 50-Sn-121

MAT 5052

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

50-Sn-121

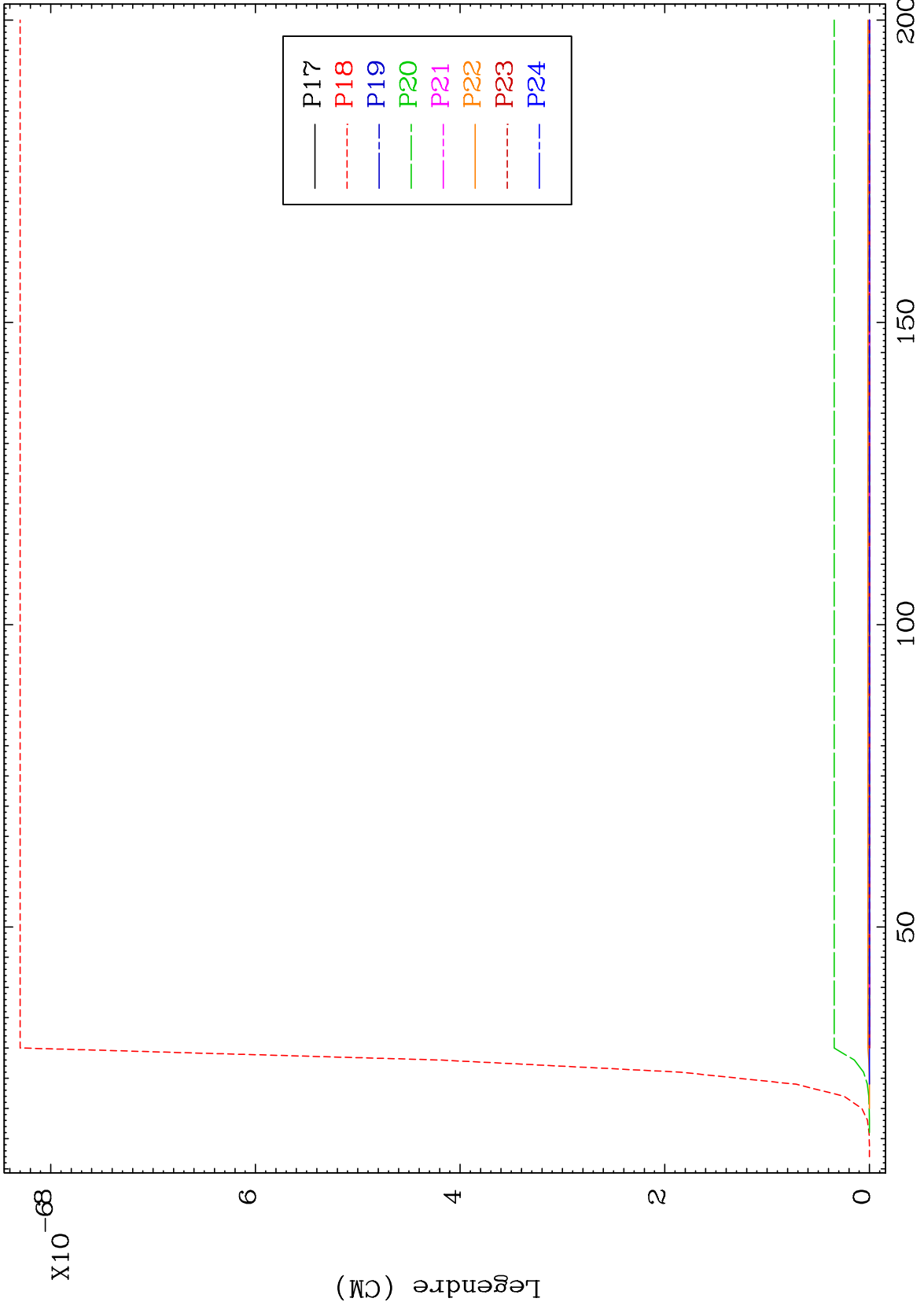


57

Incident Energy (MeV)

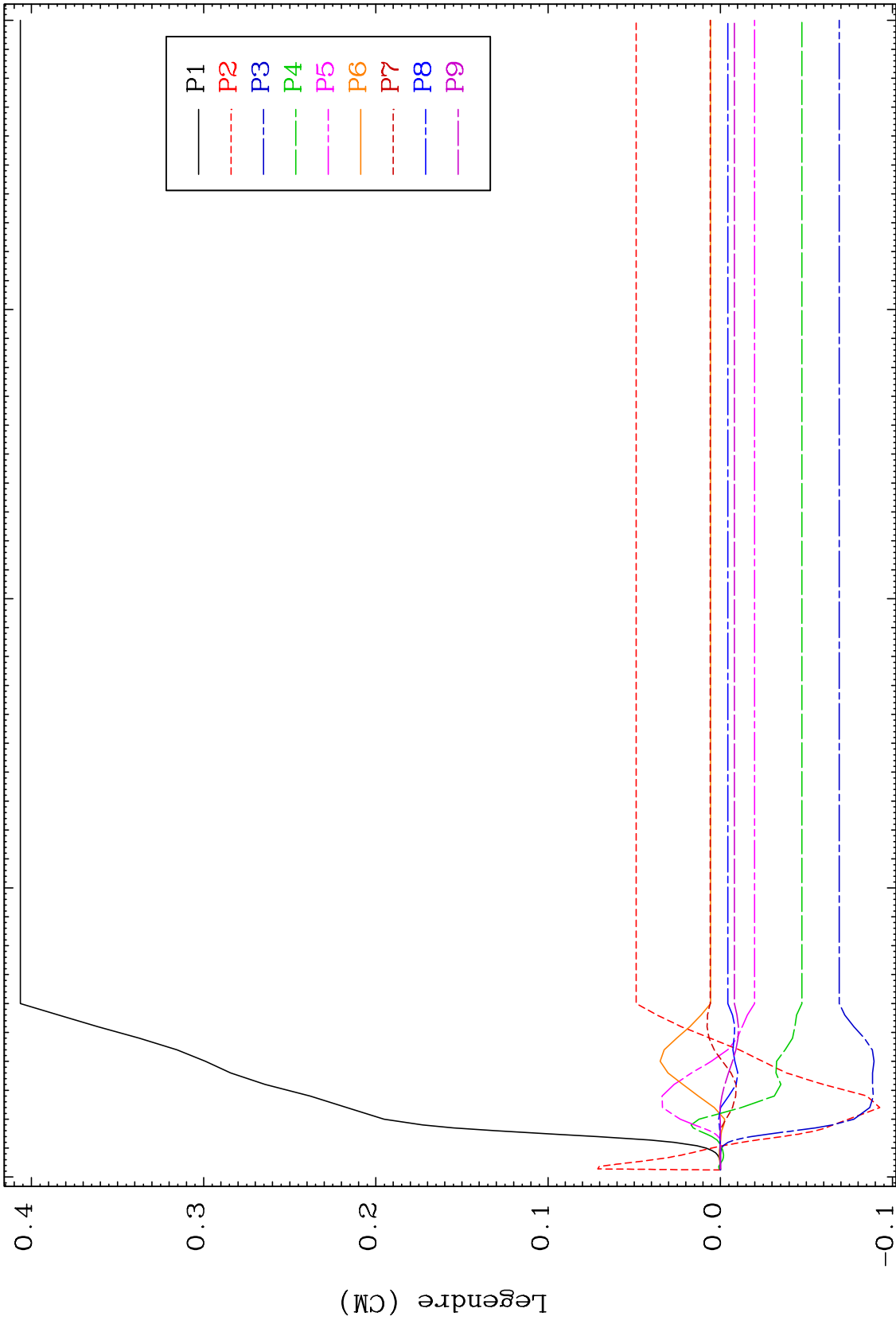
50-Sn-121

MAT 5052 MT= 62 (n,n') Level Legendre Coefficients 50-Sn-121



58 Incident Energy (MeV) 200 50-Sn-121

MAT 5052 MT= 63 (n,n') Level Legendre Coefficients 50-Sn-121

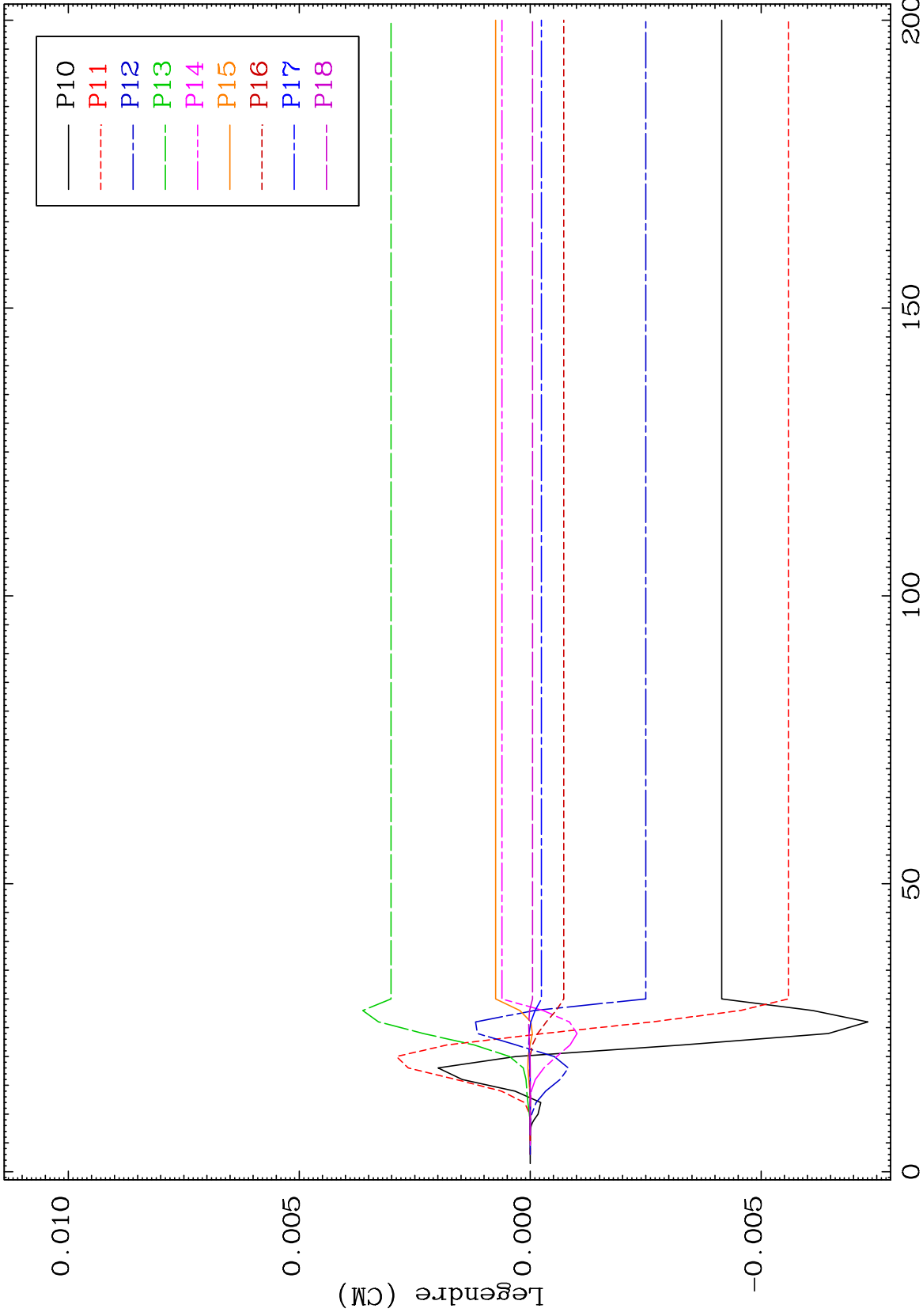


59 Incident Energy (MeV) 50-Sn-121

MAT 5052

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

50-Sn-121



50-Sn-121

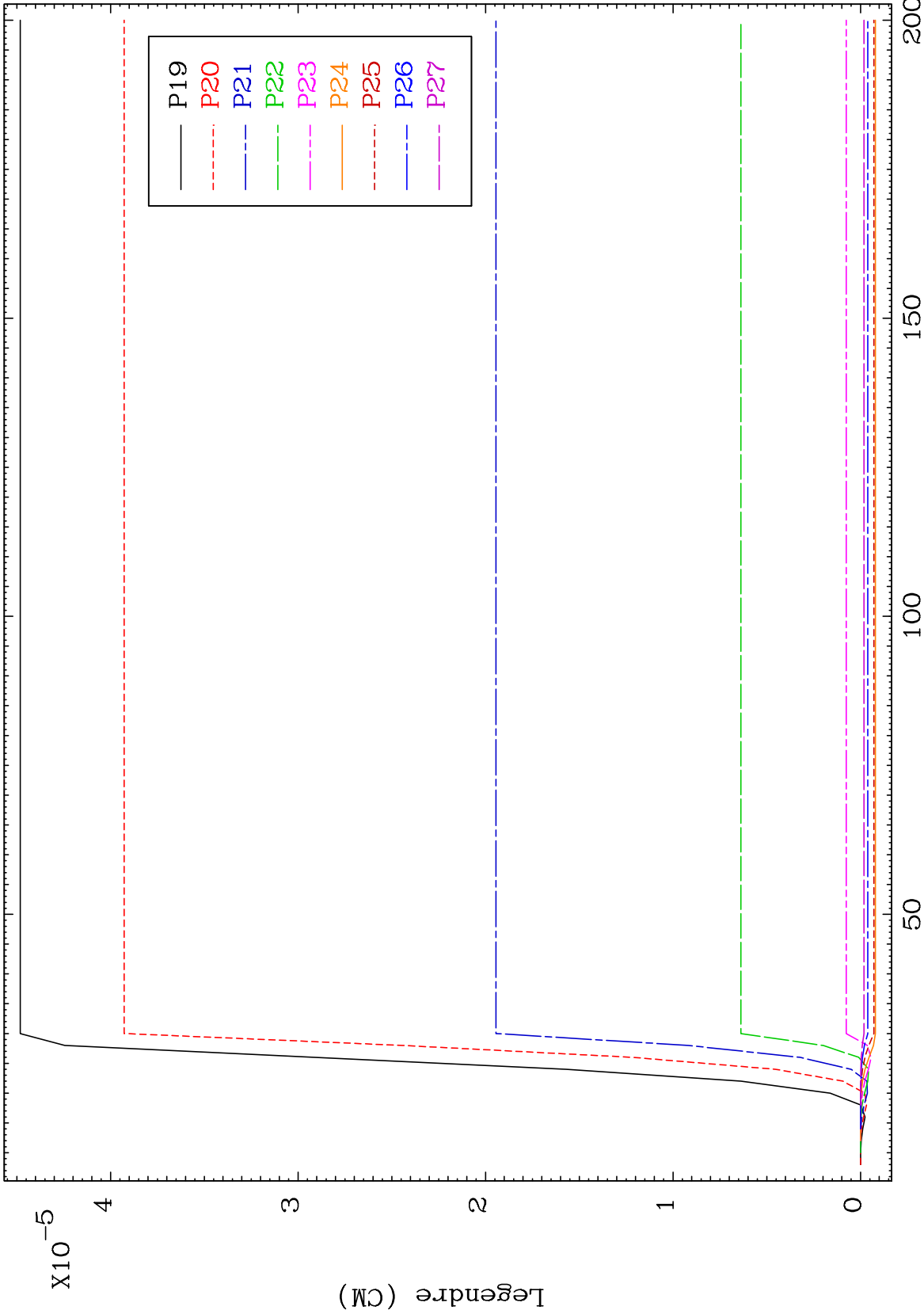
Incident Energy (MeV)

60

MAT 5052

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

50-Sn-121

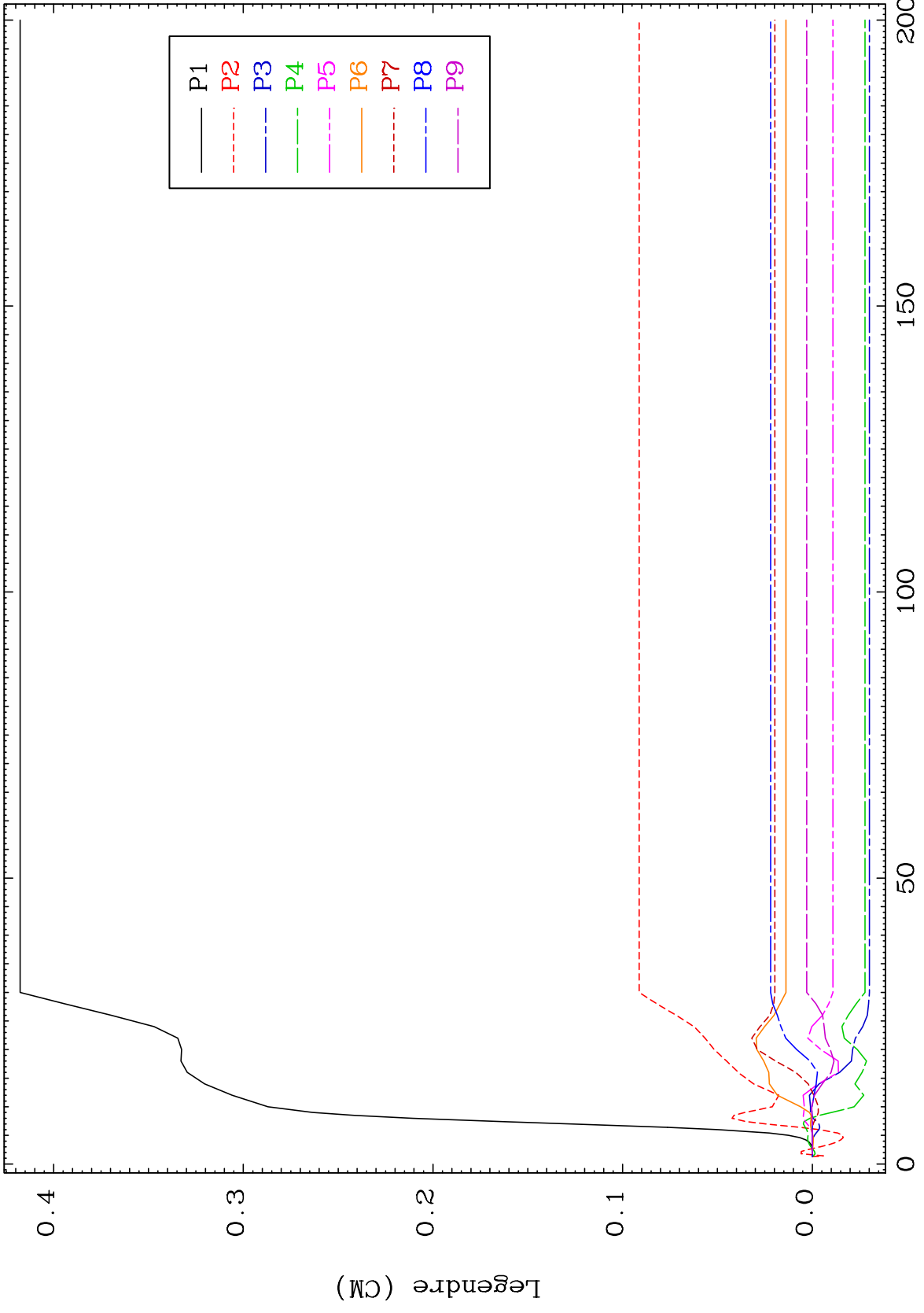


61

Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-121

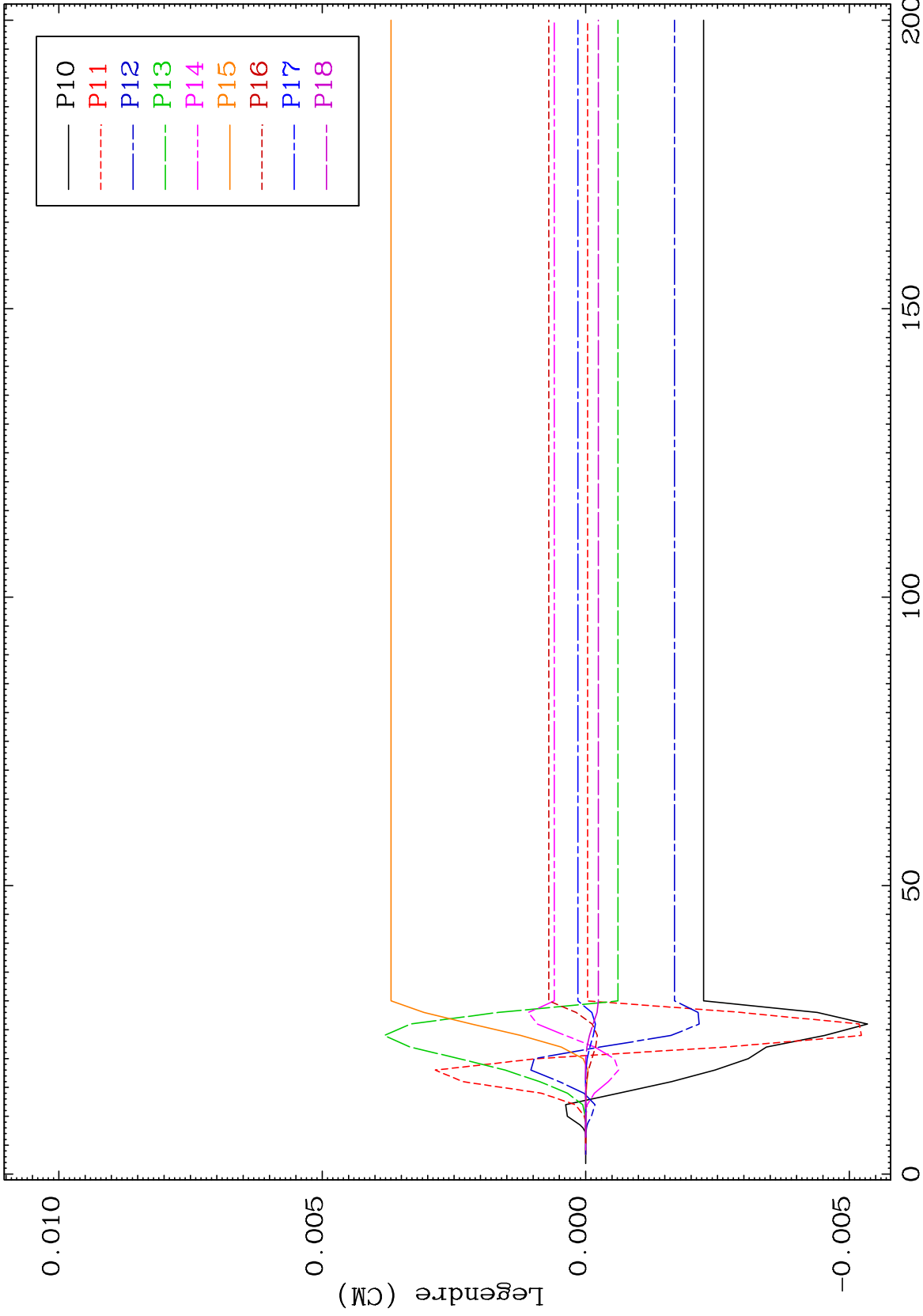


63 50-Sn-121

MAT 5052

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

50-Sn-121

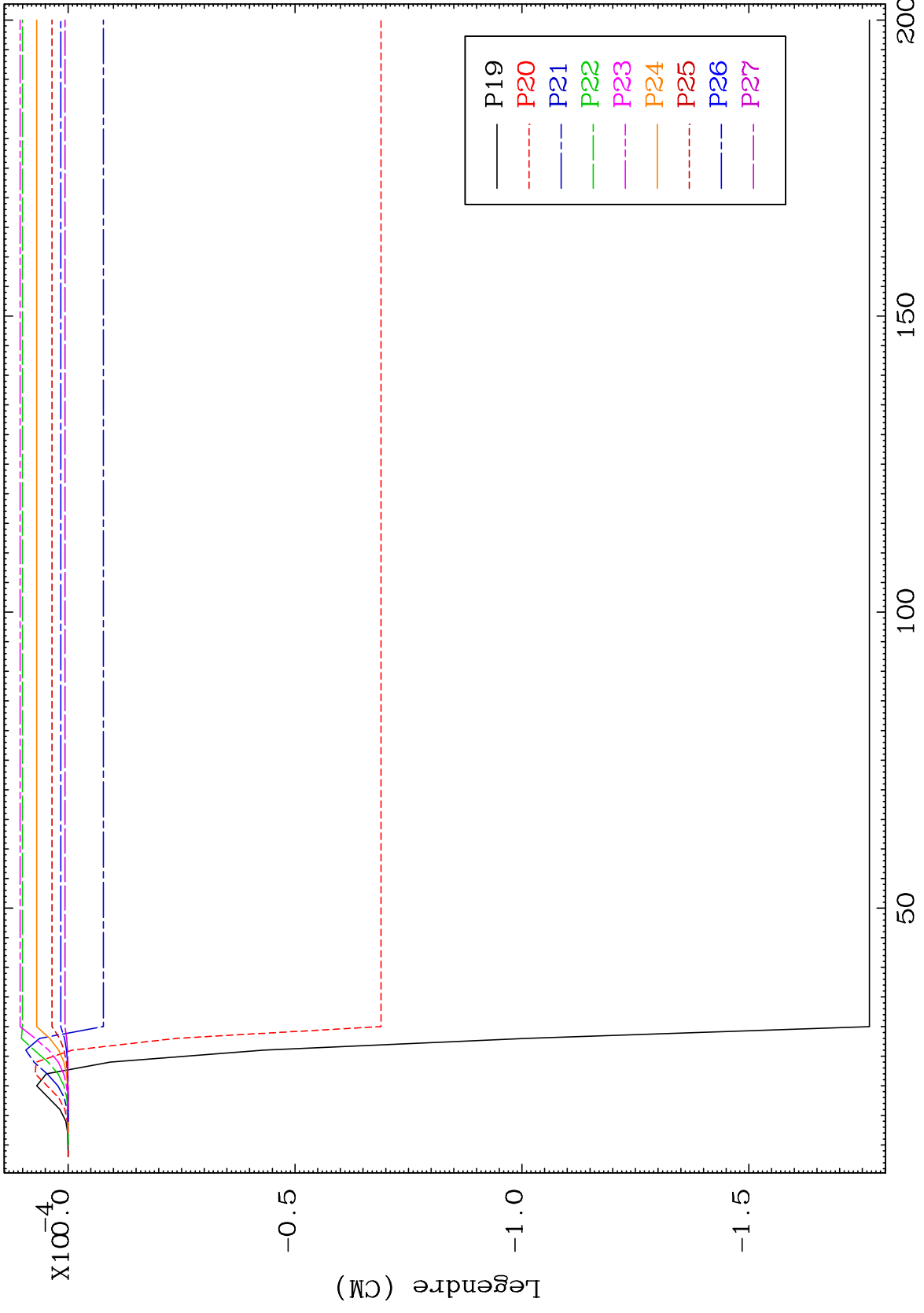


64

Incident Energy (MeV)

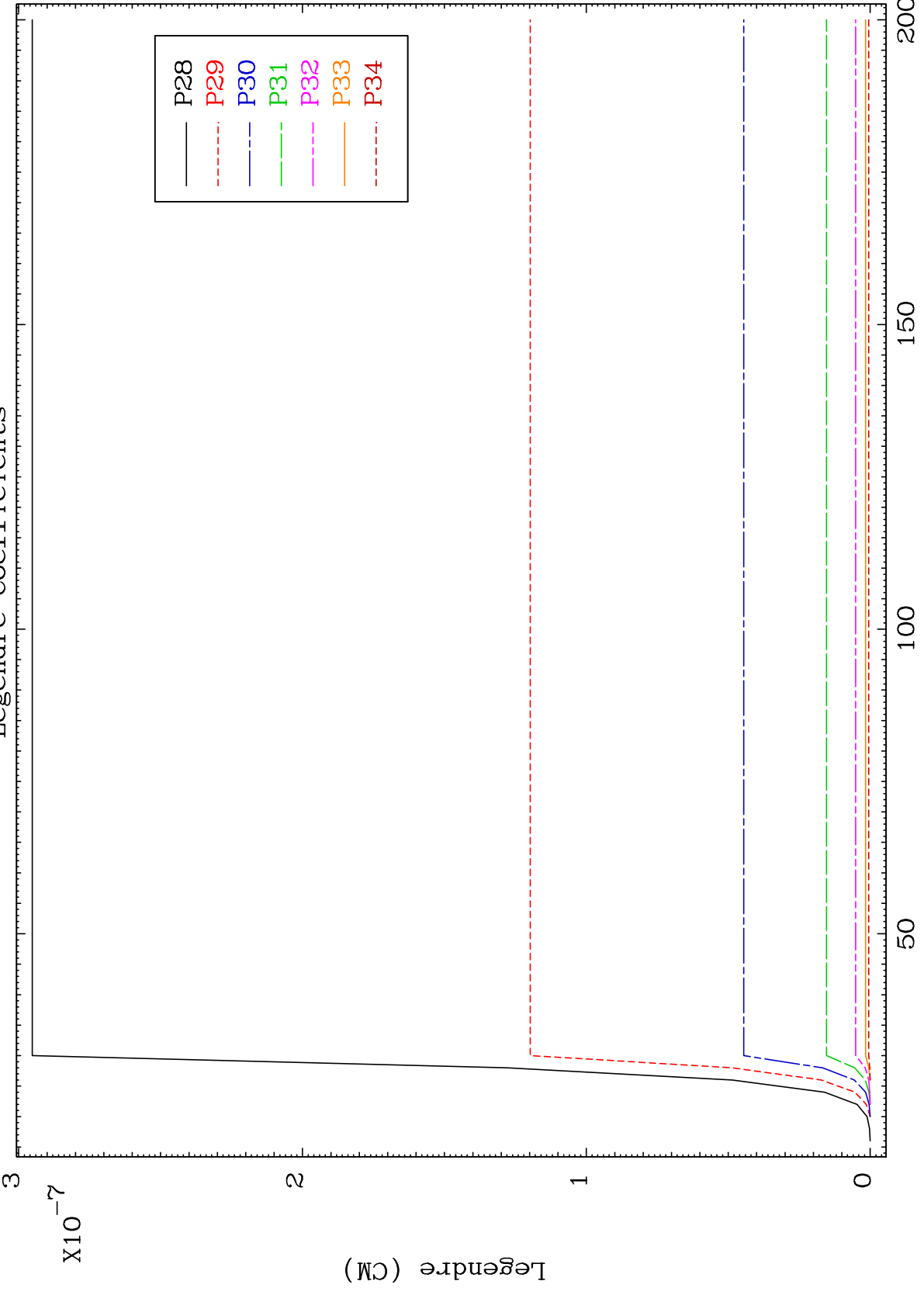
50-Sn-121

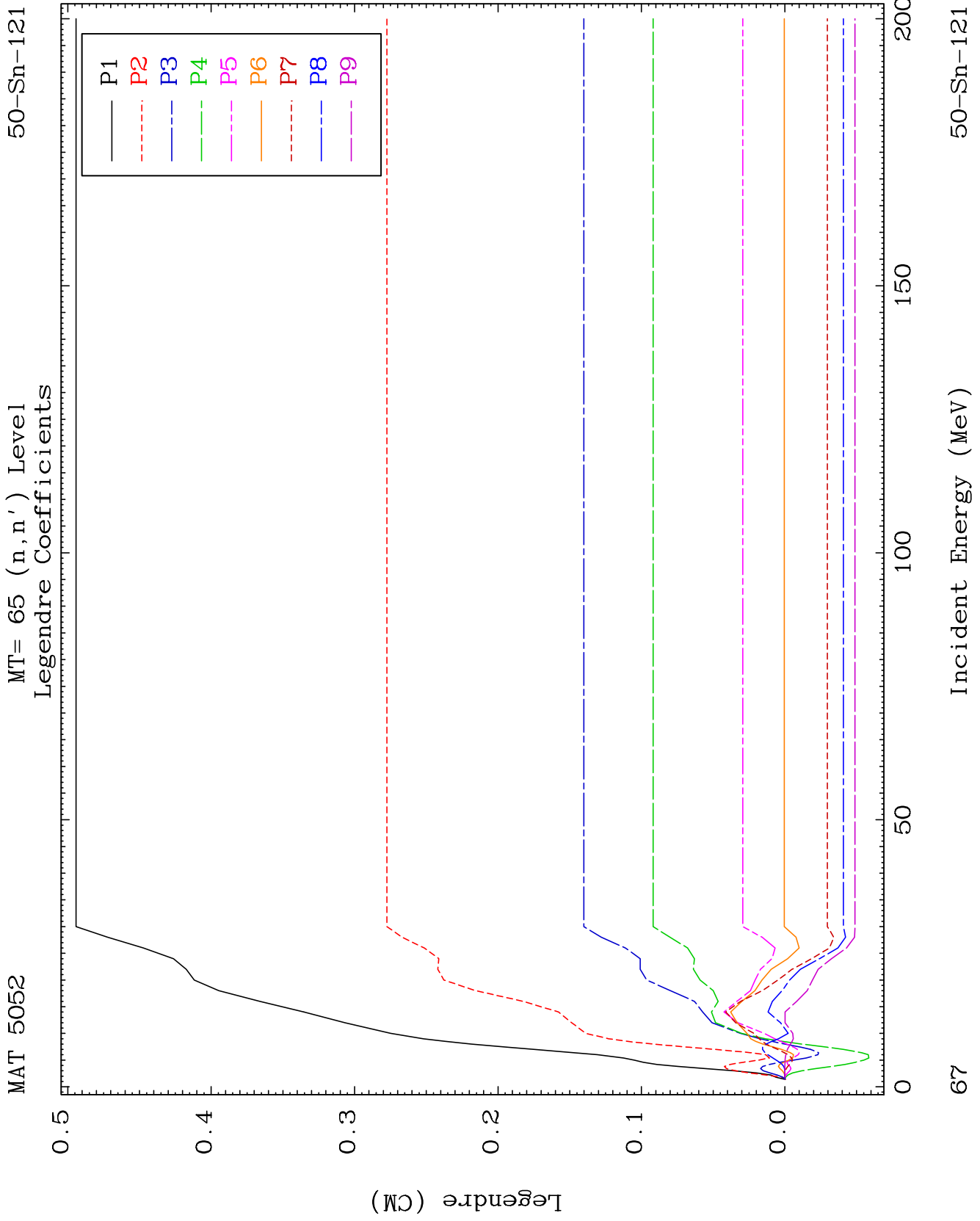
MAT 5052 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-121



65 50-Sn-121

MAT 5052 MT= 64 (n,n') Level Legendre Coefficients 50-Sn-121

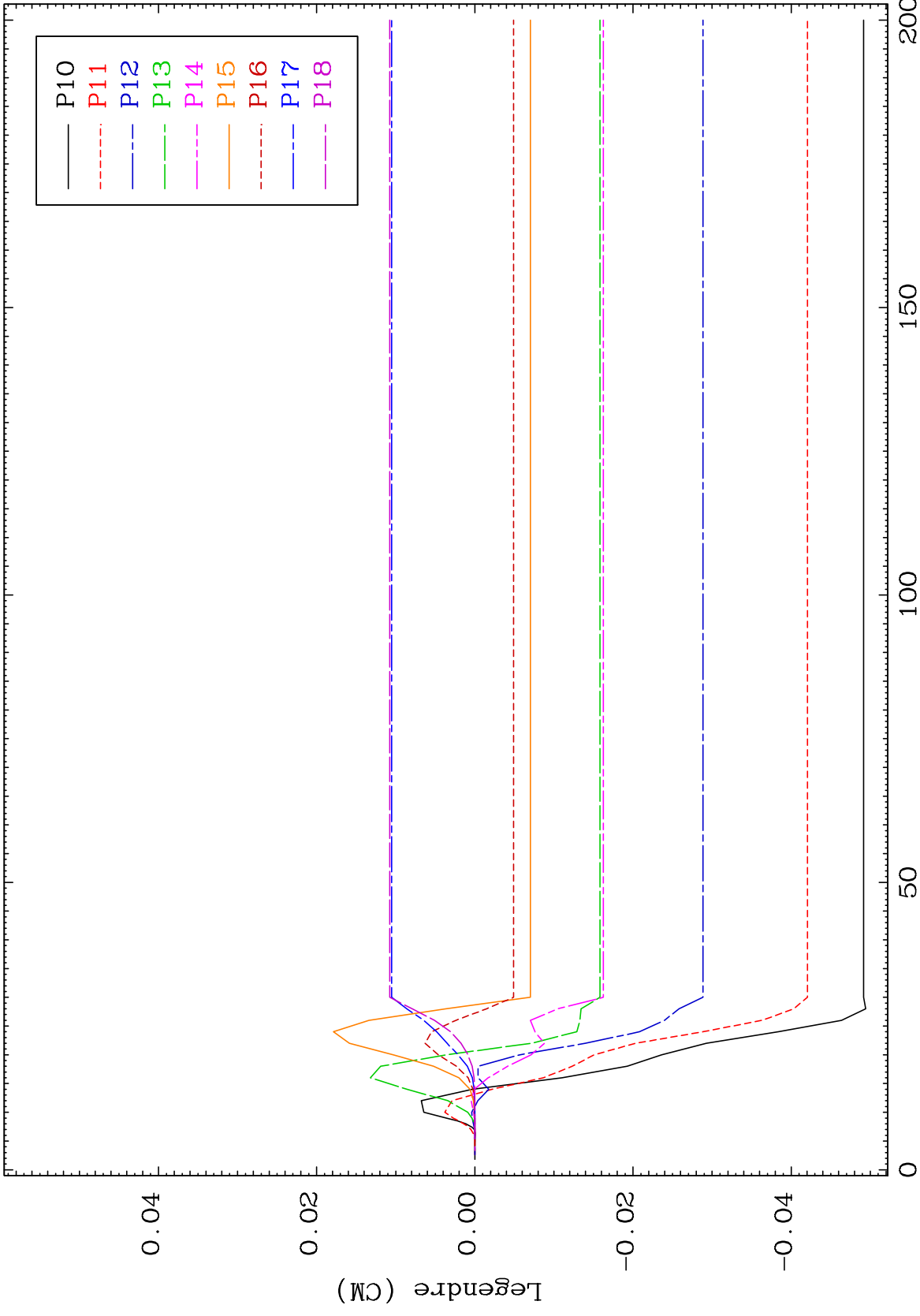




MAT 5052

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

50-Sn-121



68

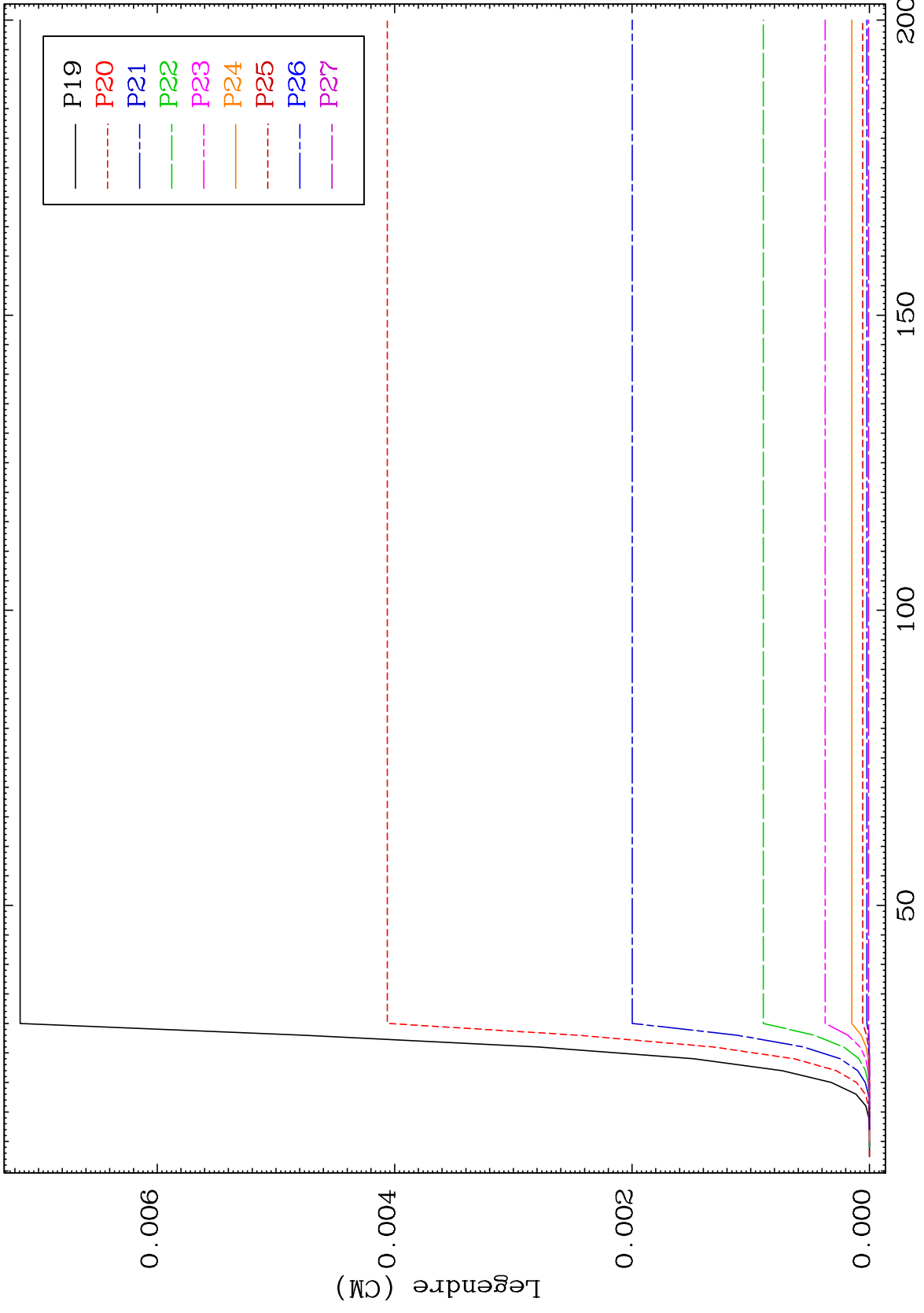
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121

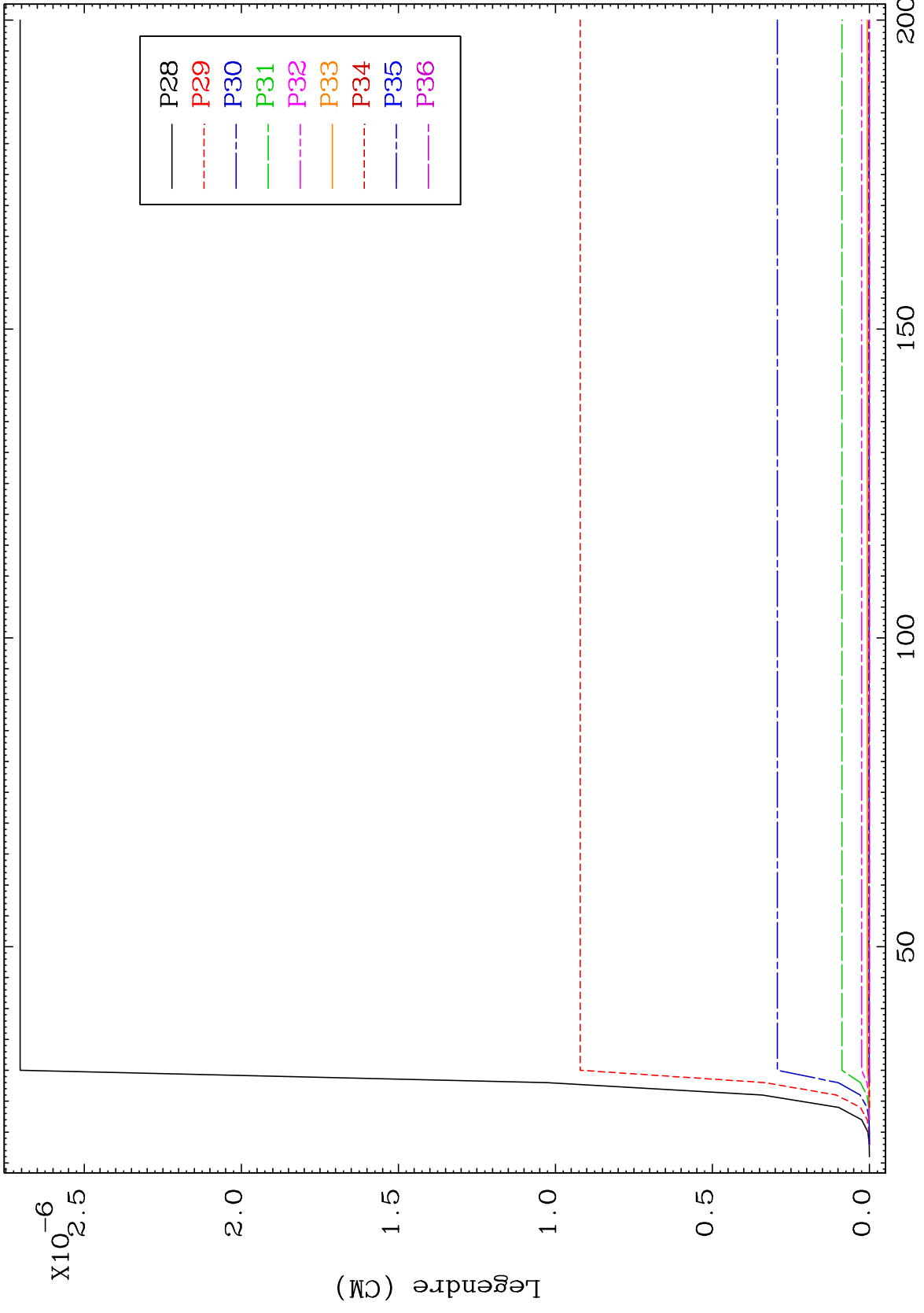


69

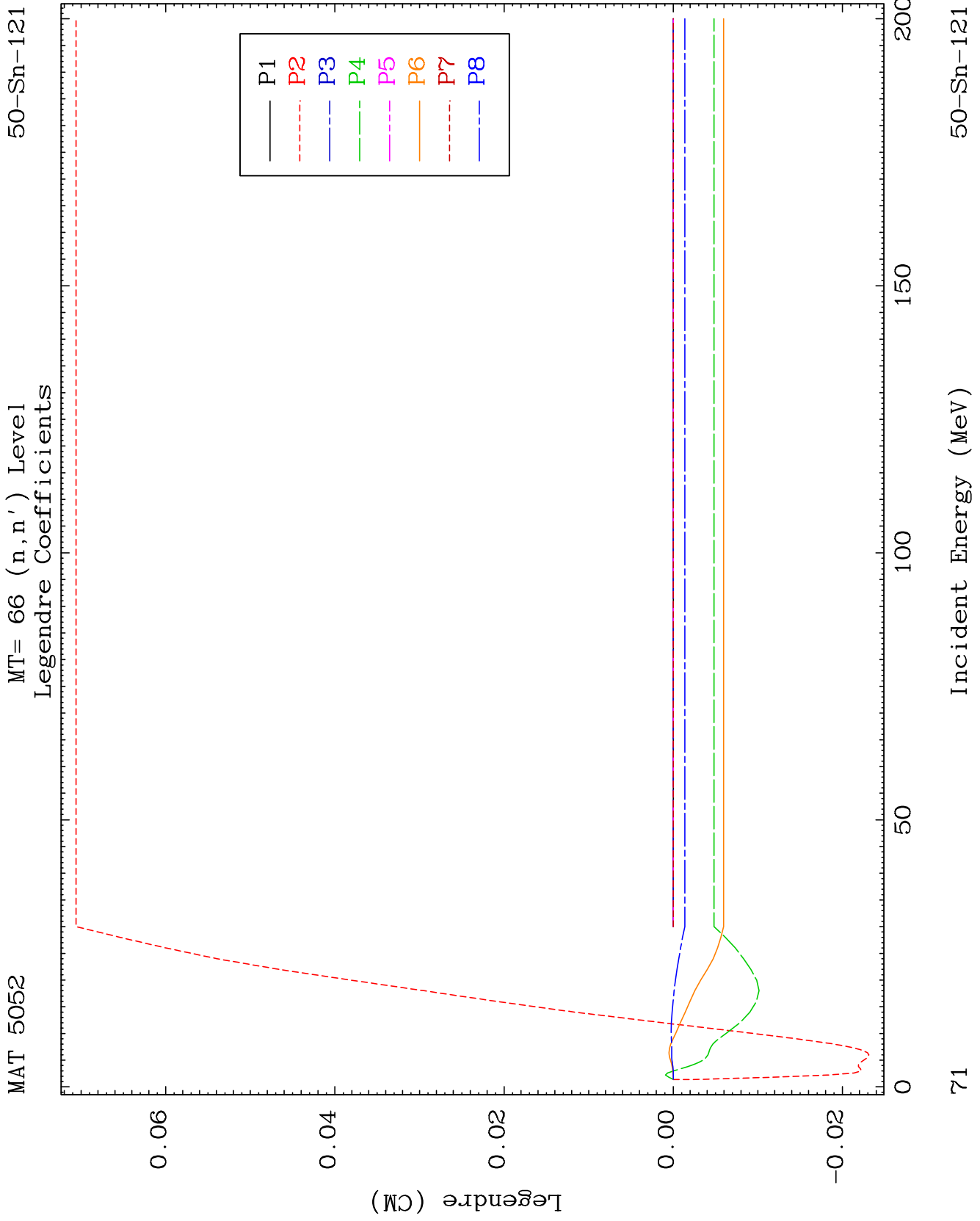
Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 65 (n,n') Level Legendre Coefficients 50-Sn-121



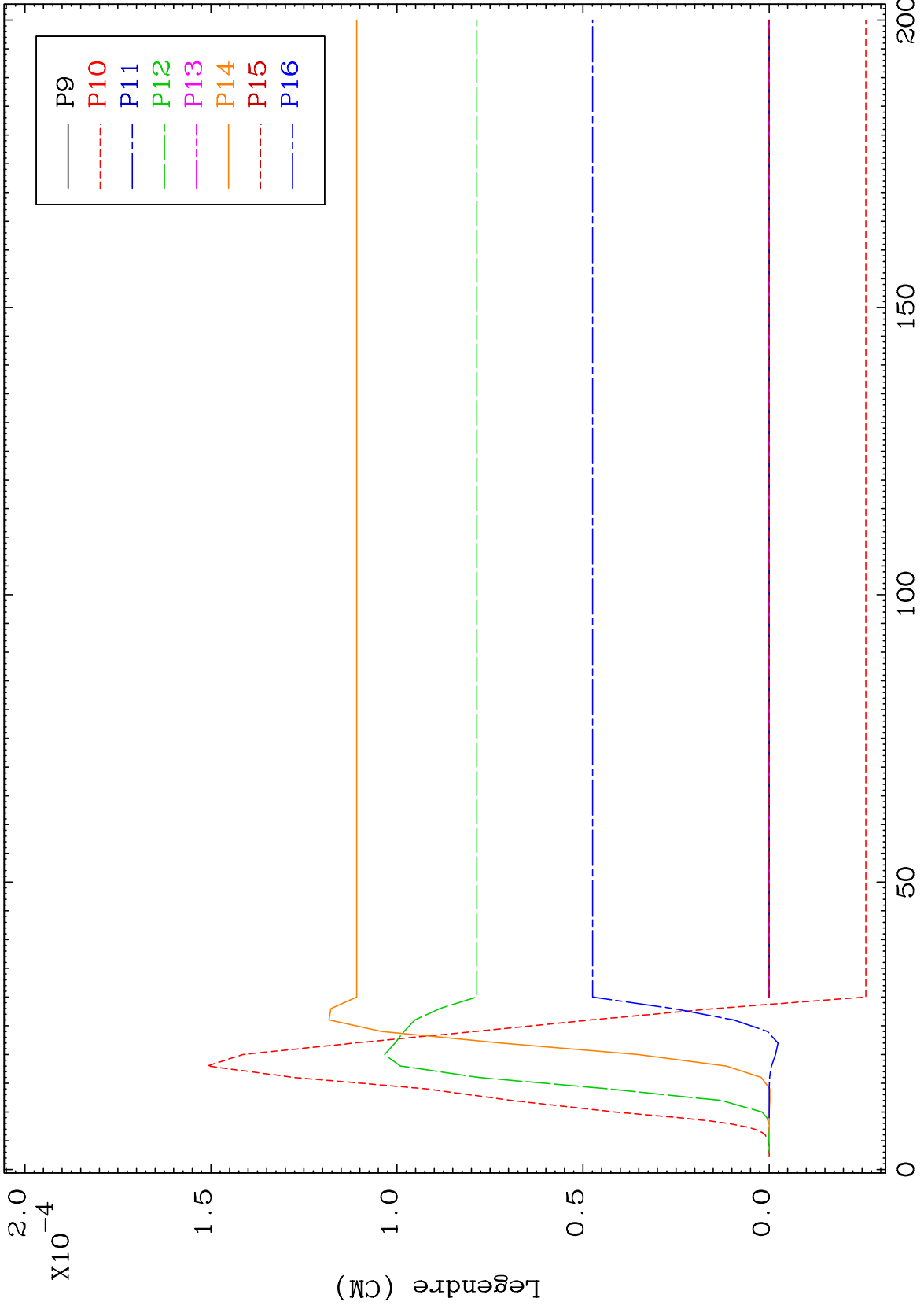
70 50 100 150 200 50-Sn-121



MAT 5052

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

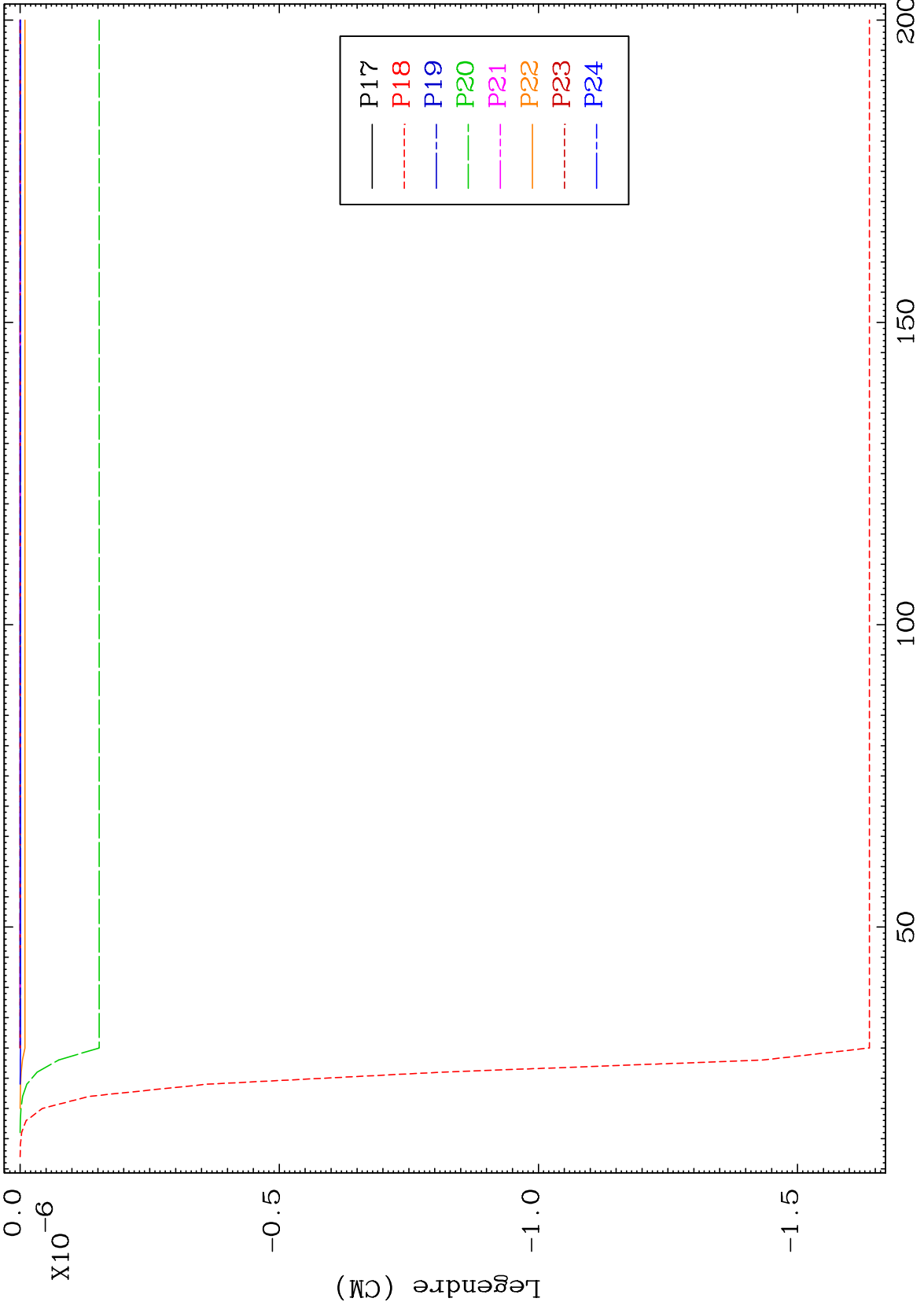
50-Sn-121

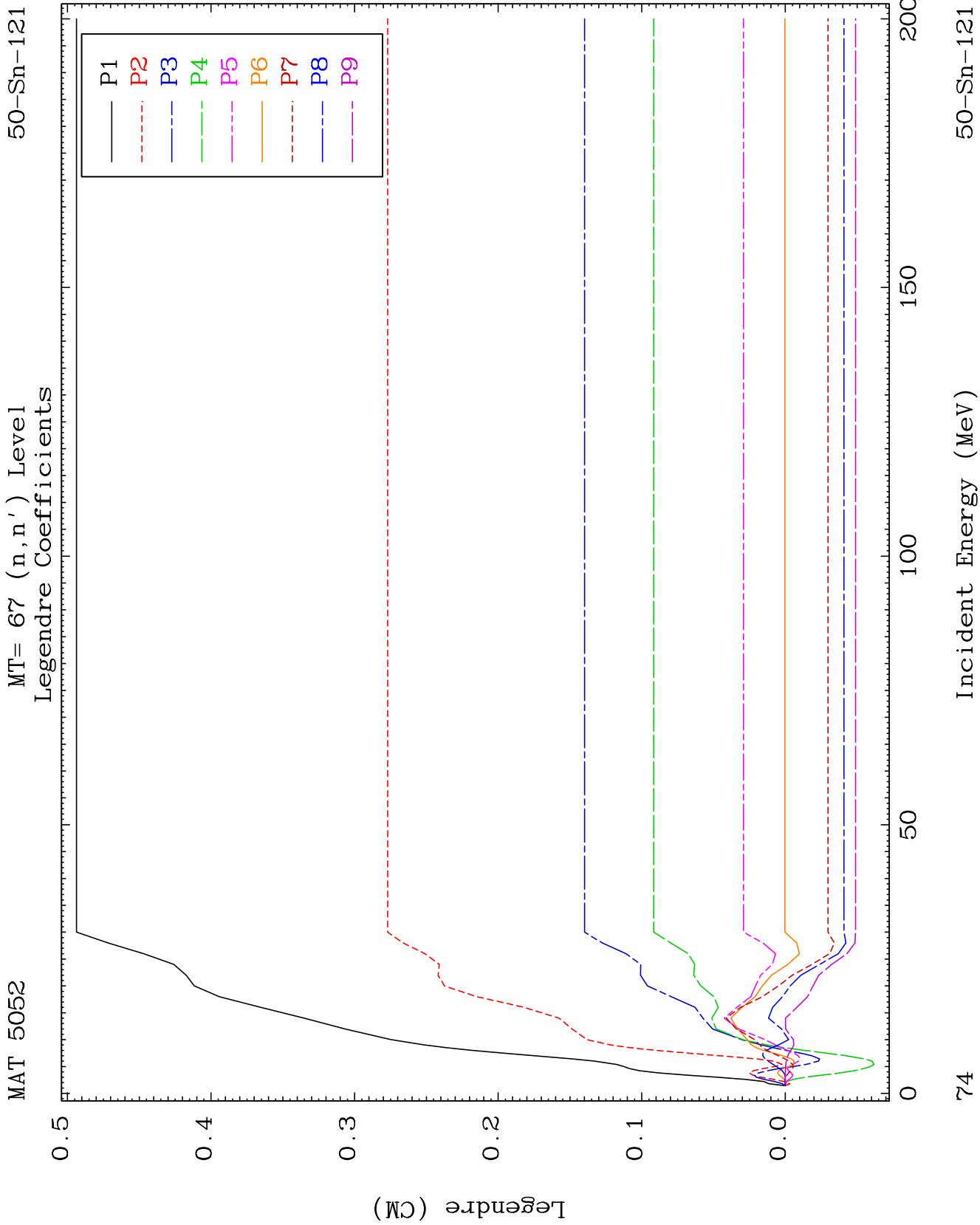


72

50-Sn-121

MAT 5052 MT= 66 (n,n') Level Legendre Coefficients 50-Sn-121

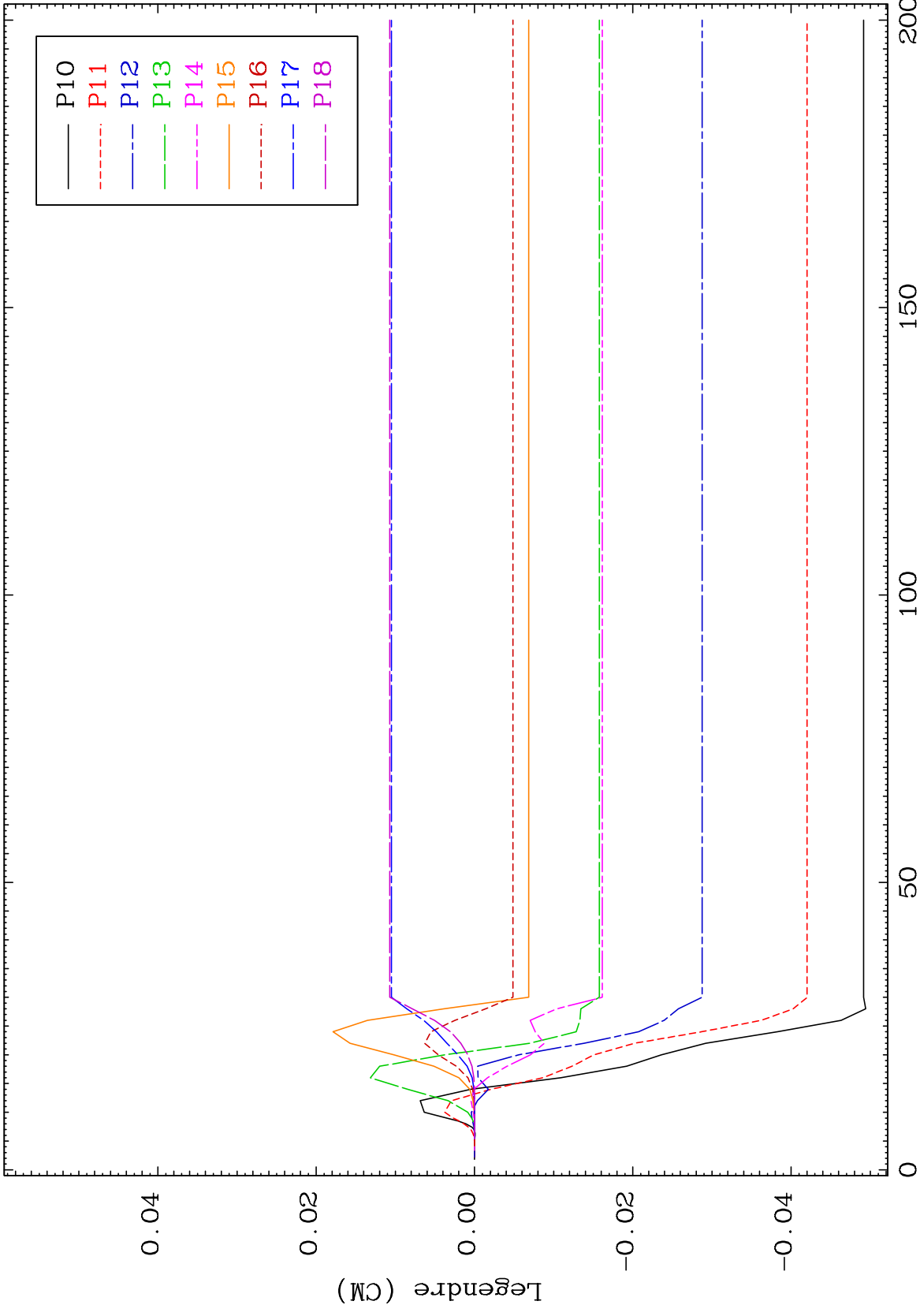




MAT 5052

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

50-Sn-121



75

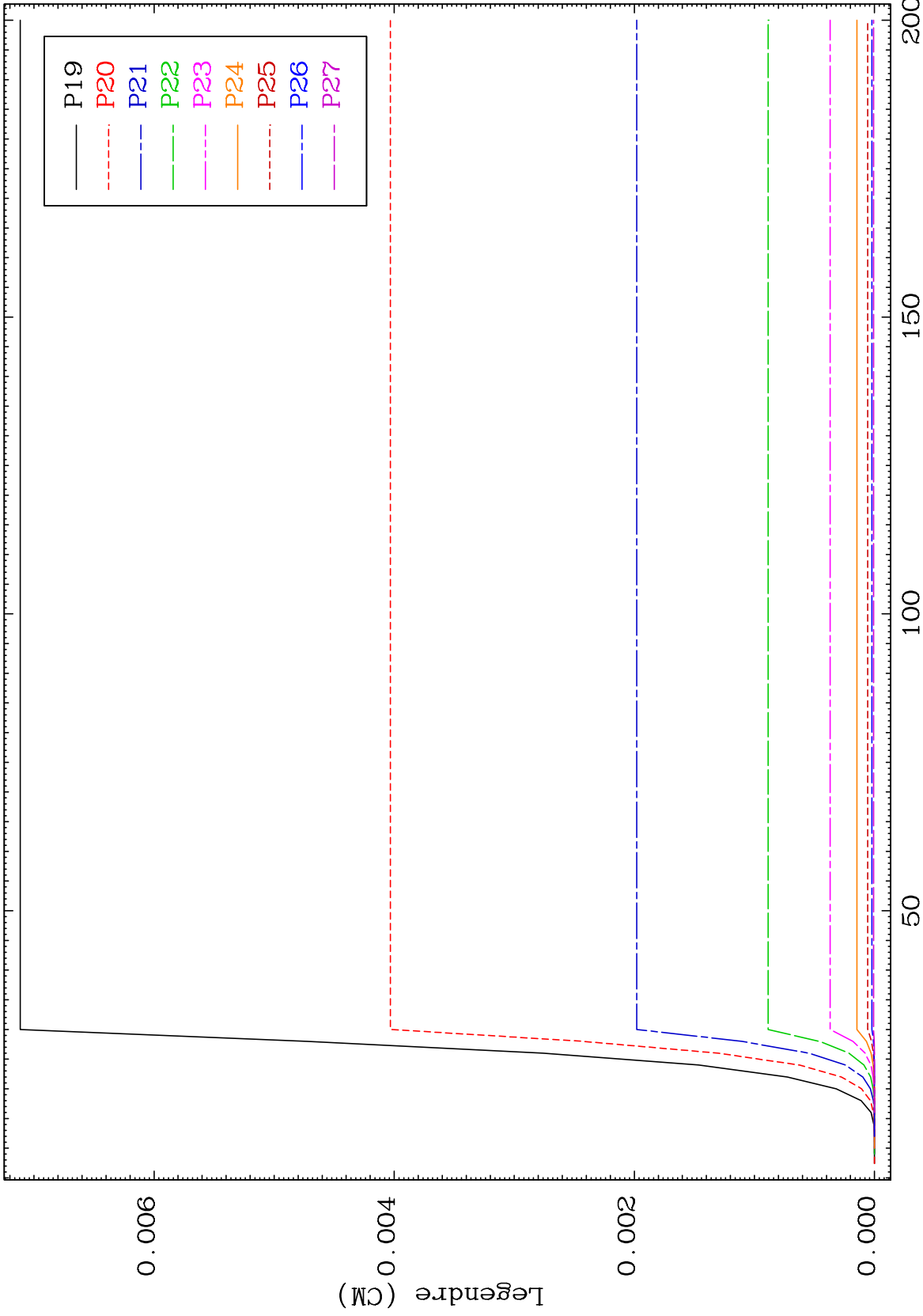
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

50-Sn-121



76

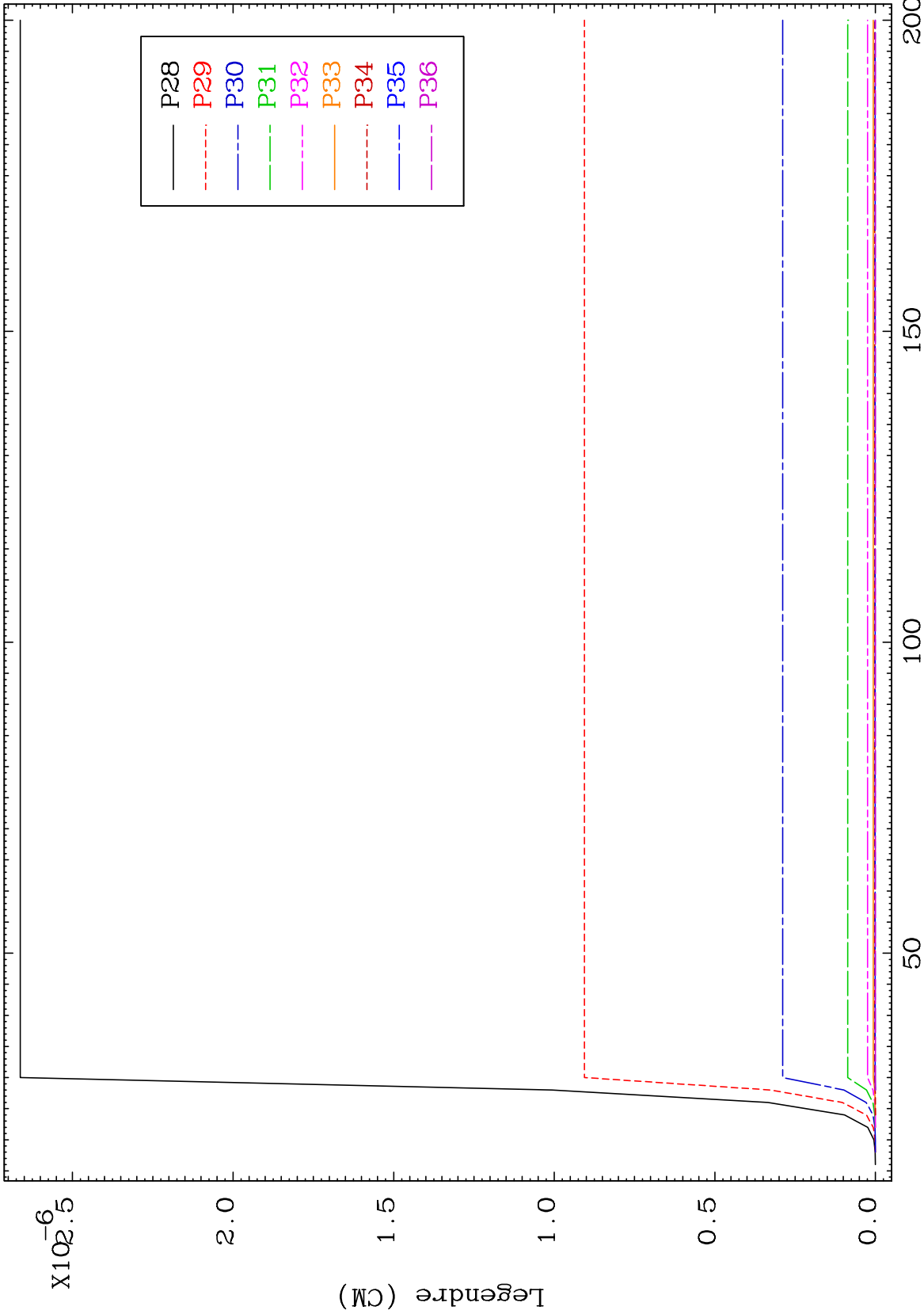
Incident Energy (MeV)

50-Sn-121

MAT 5052

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

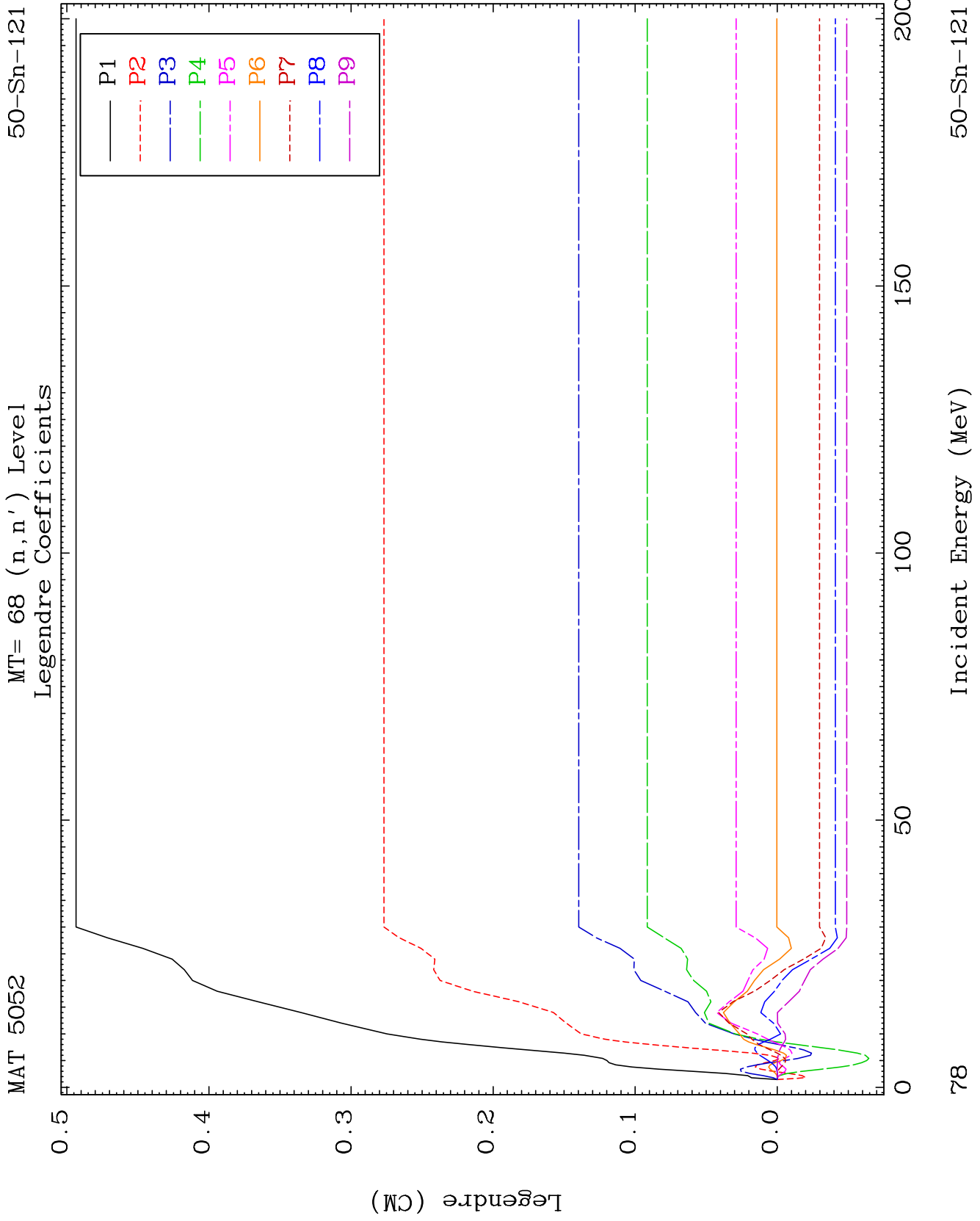
50-Sn-121



77

Incident Energy (MeV)

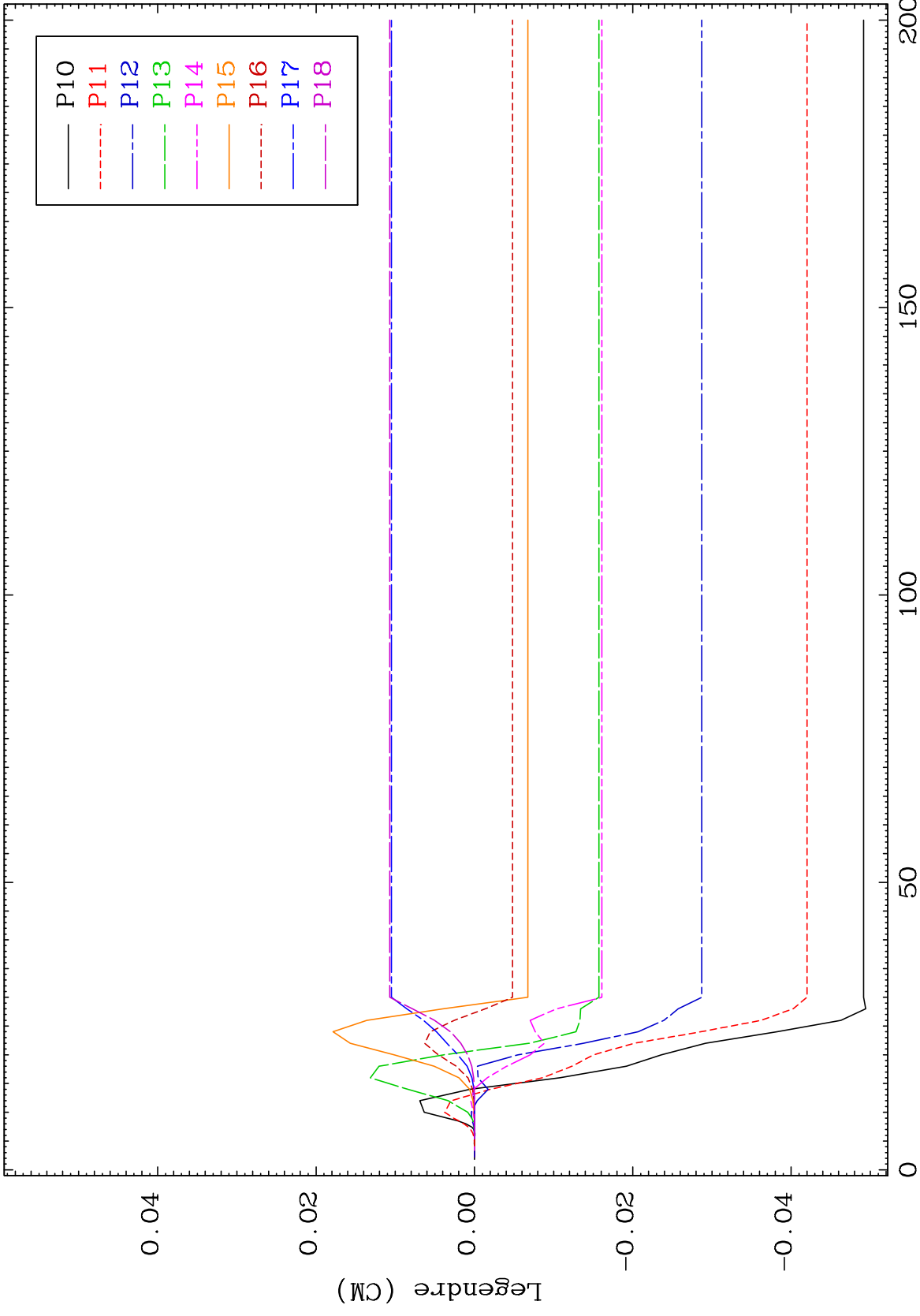
50-Sn-121



MAT 5052

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

50-Sn-121

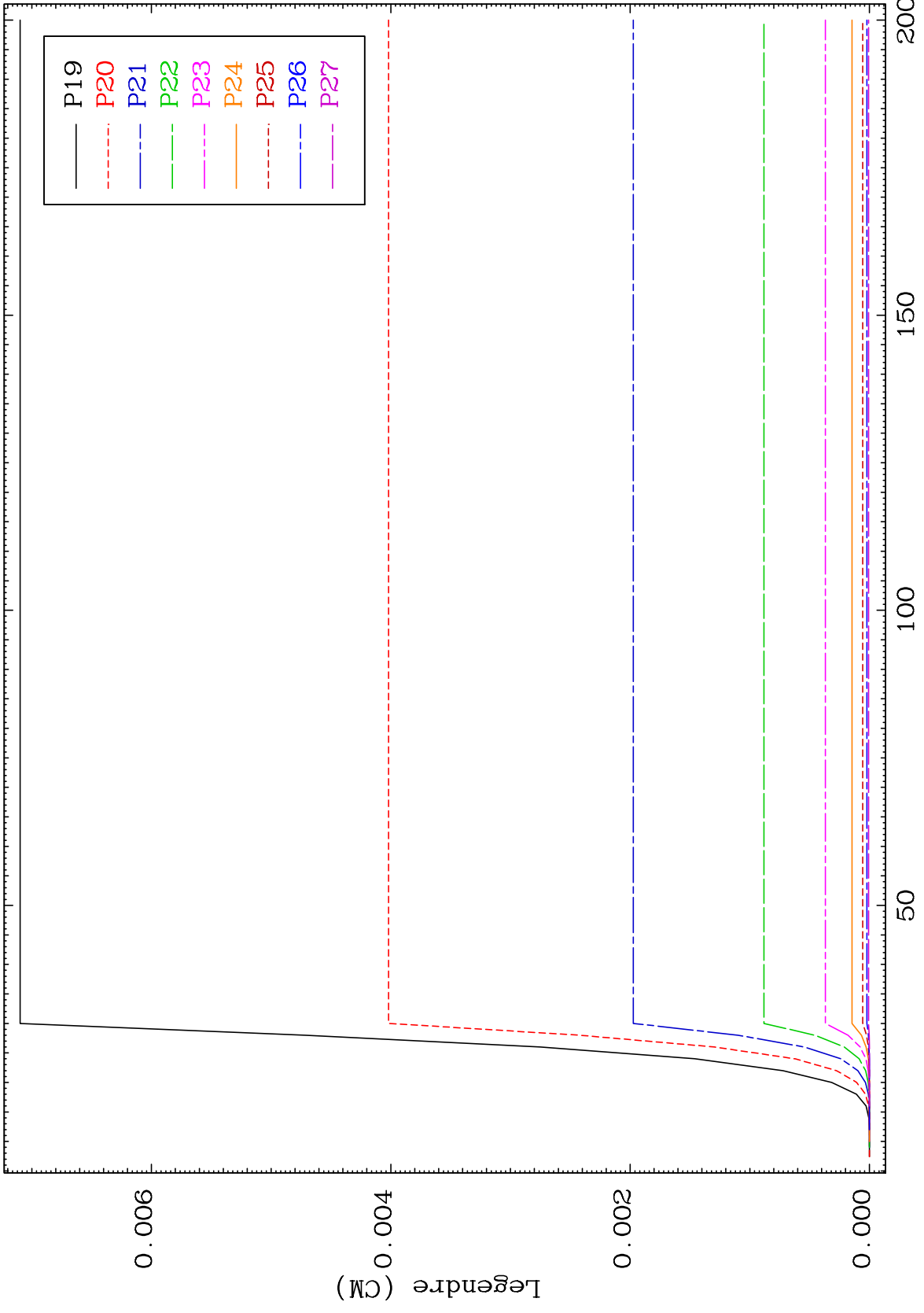


79

Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 68 (n,n') Level Legendre Coefficients 50-Sn-121

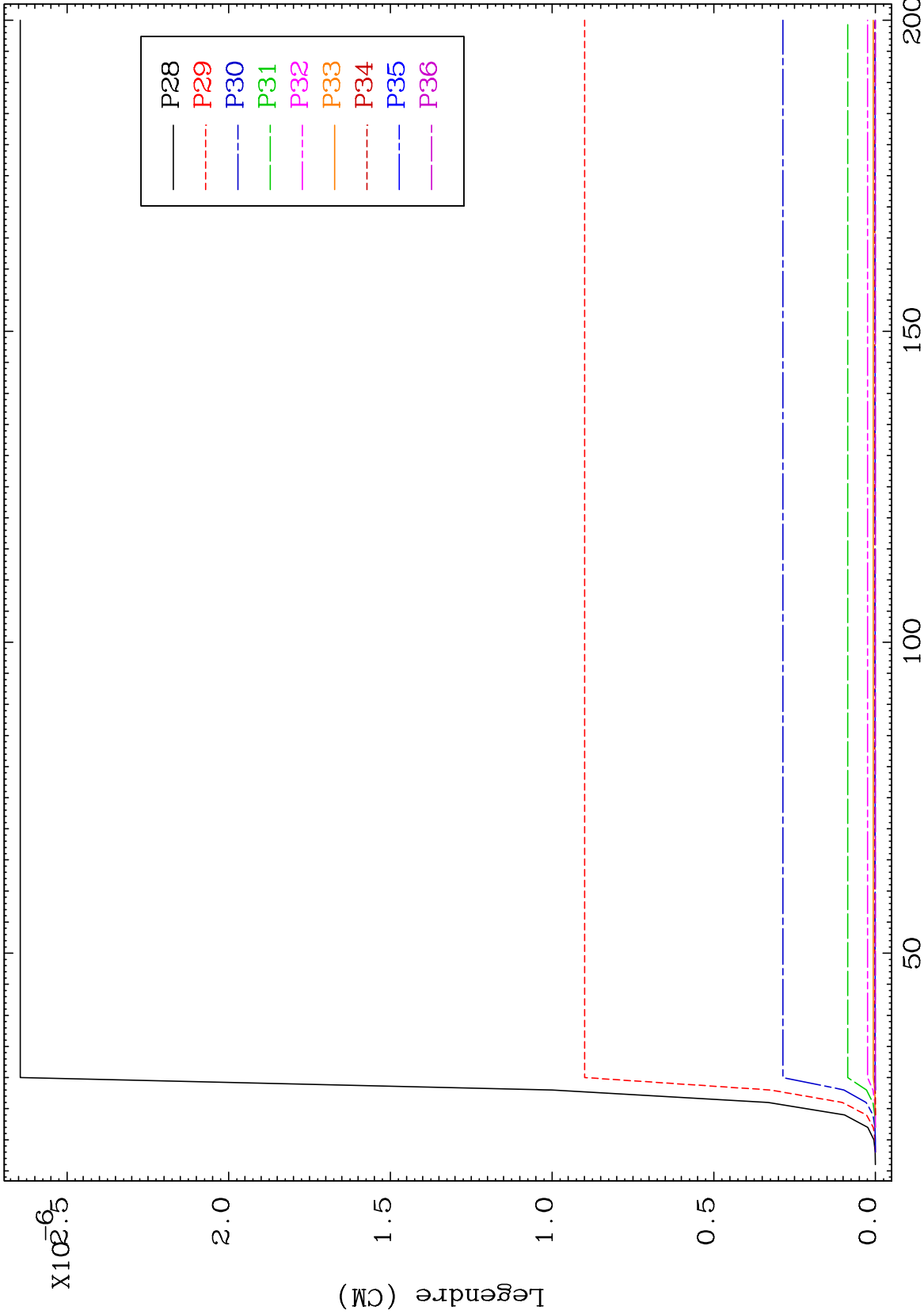


80 Incident Energy (MeV) 50-Sn-121

MAT 5052

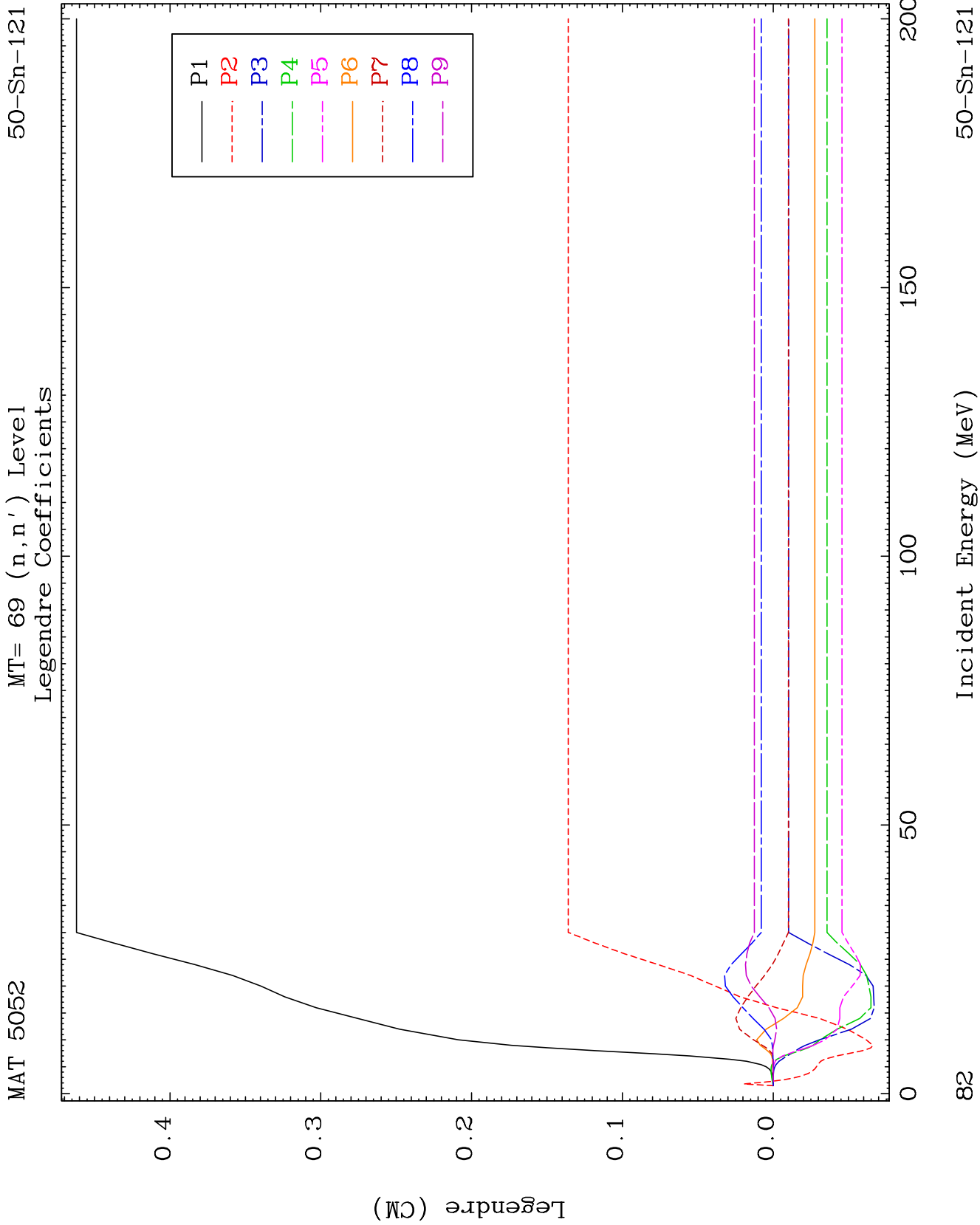
MT= 68 (n,n') Level
Legendre Coefficients

50-Sn-121



81

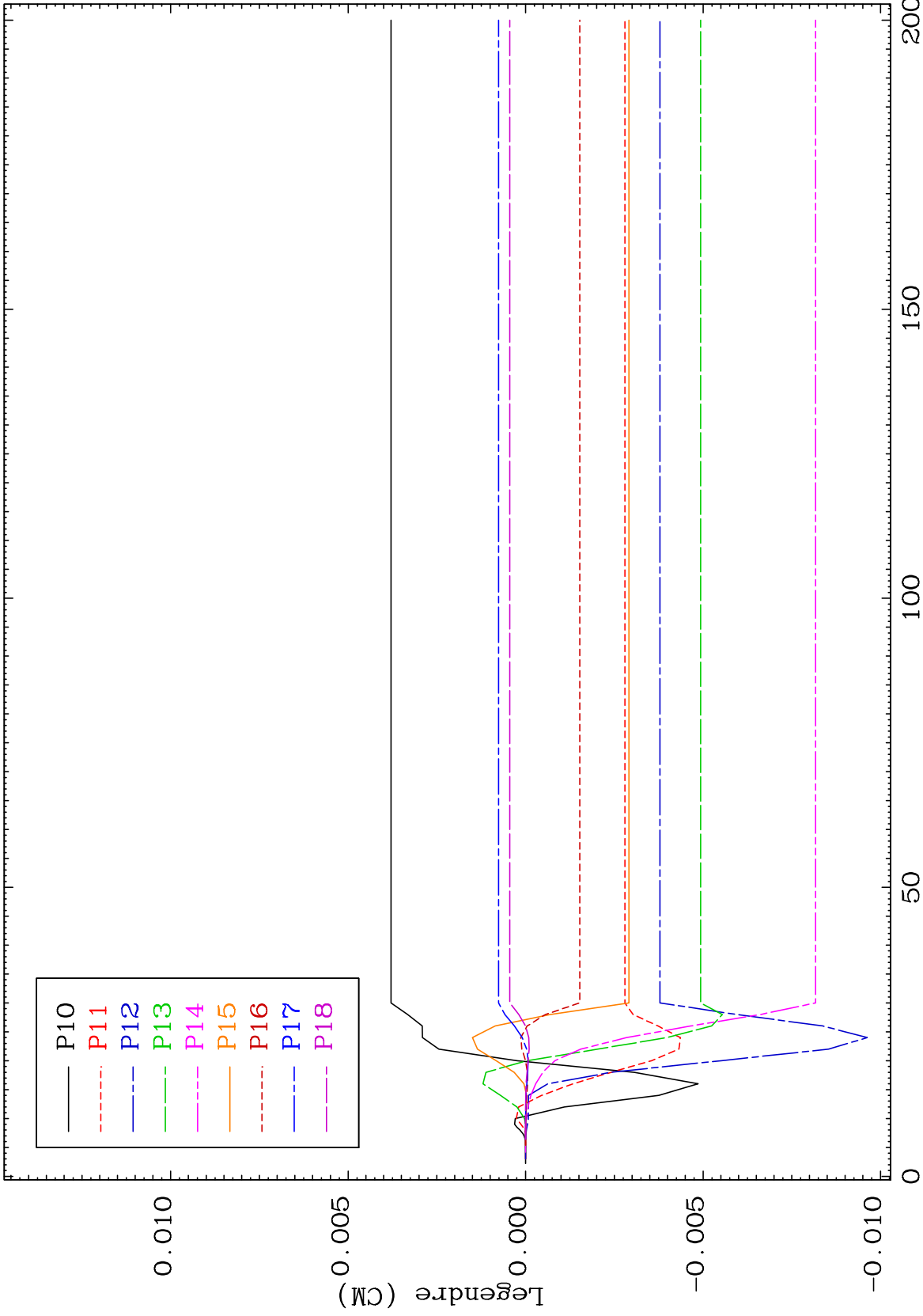
50-Sn-121



MAT 5052

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

50-Sn-121



83

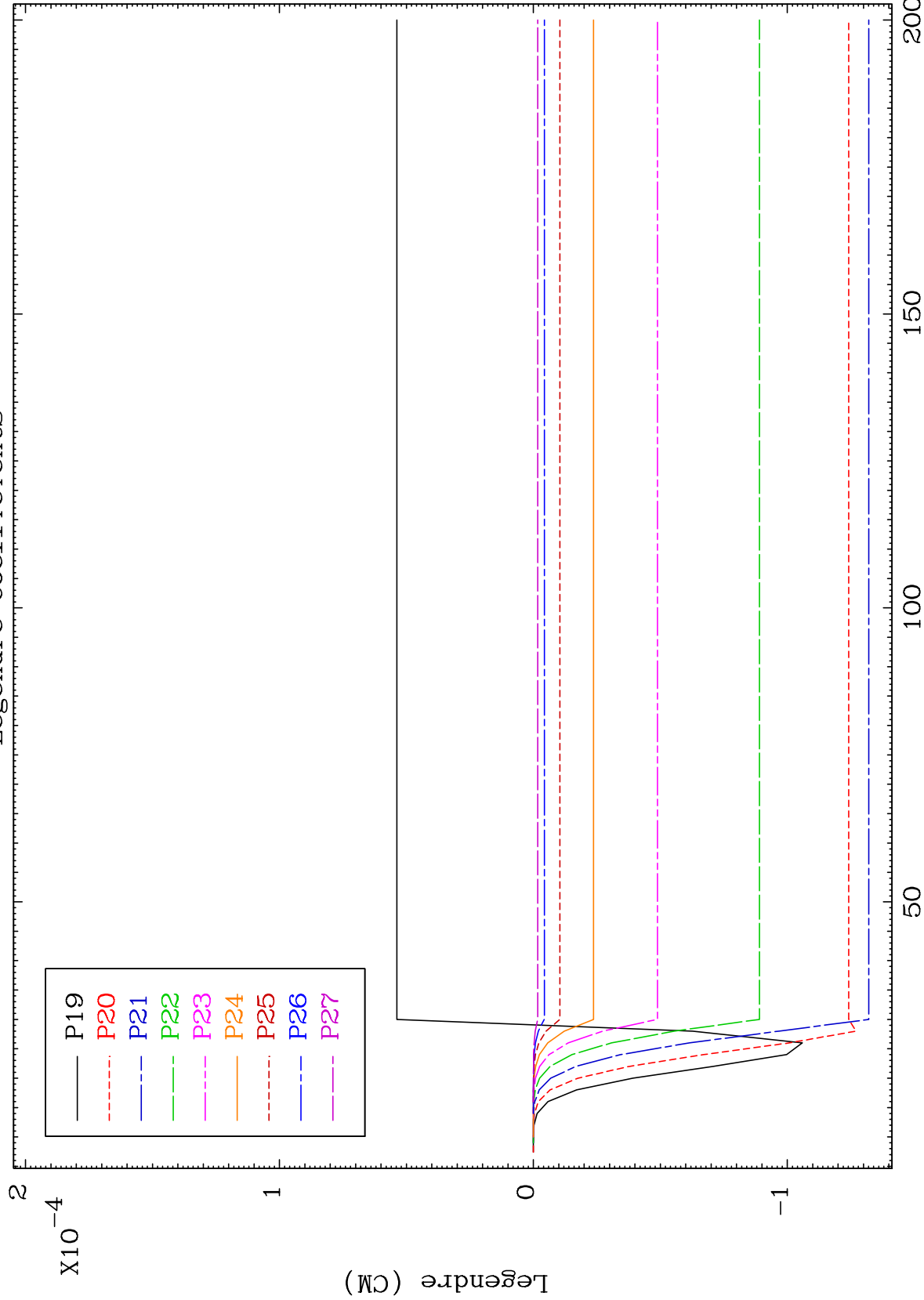
Incident Energy (MeV)

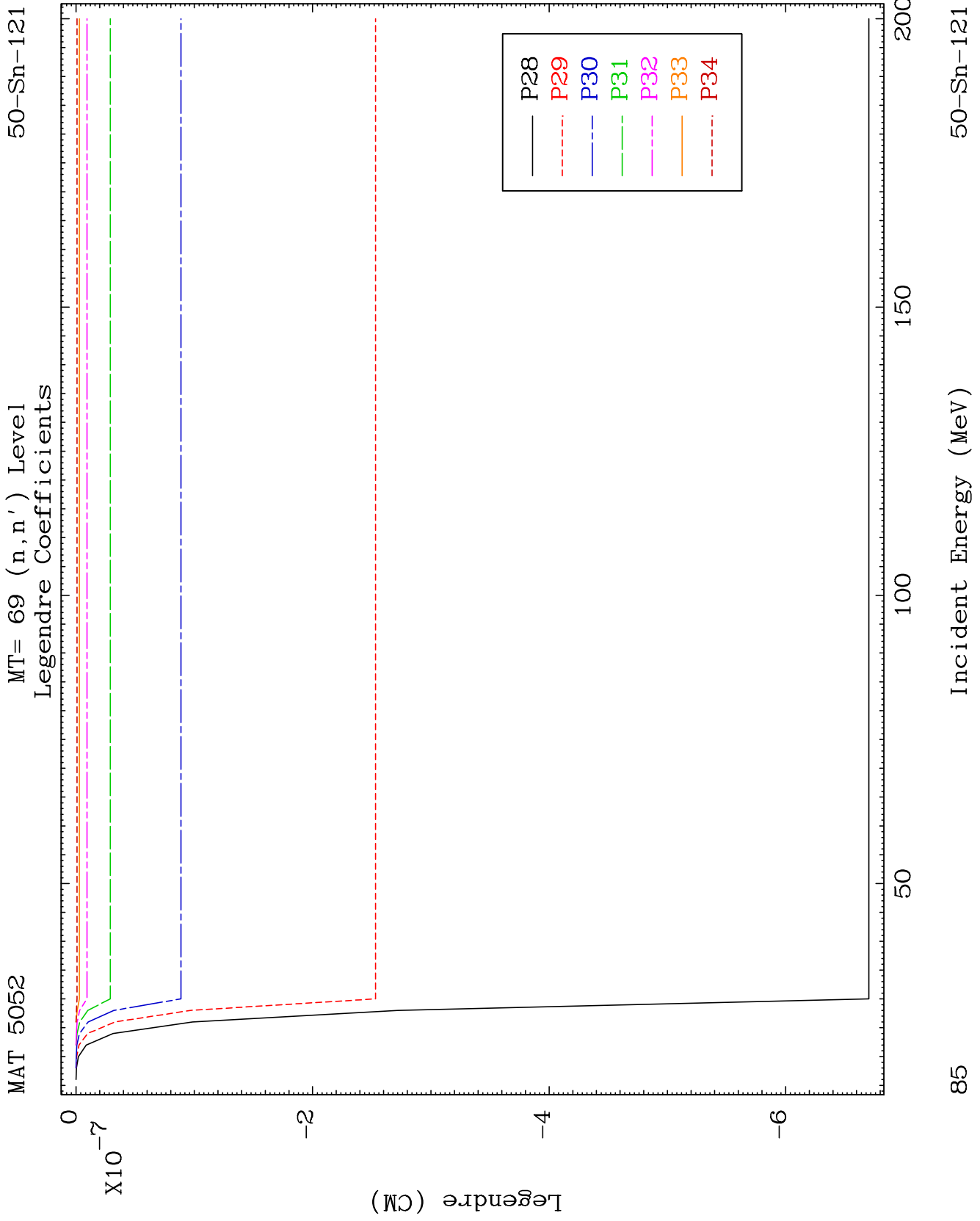
50-Sn-121

MAT 5052

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

50-Sn-121

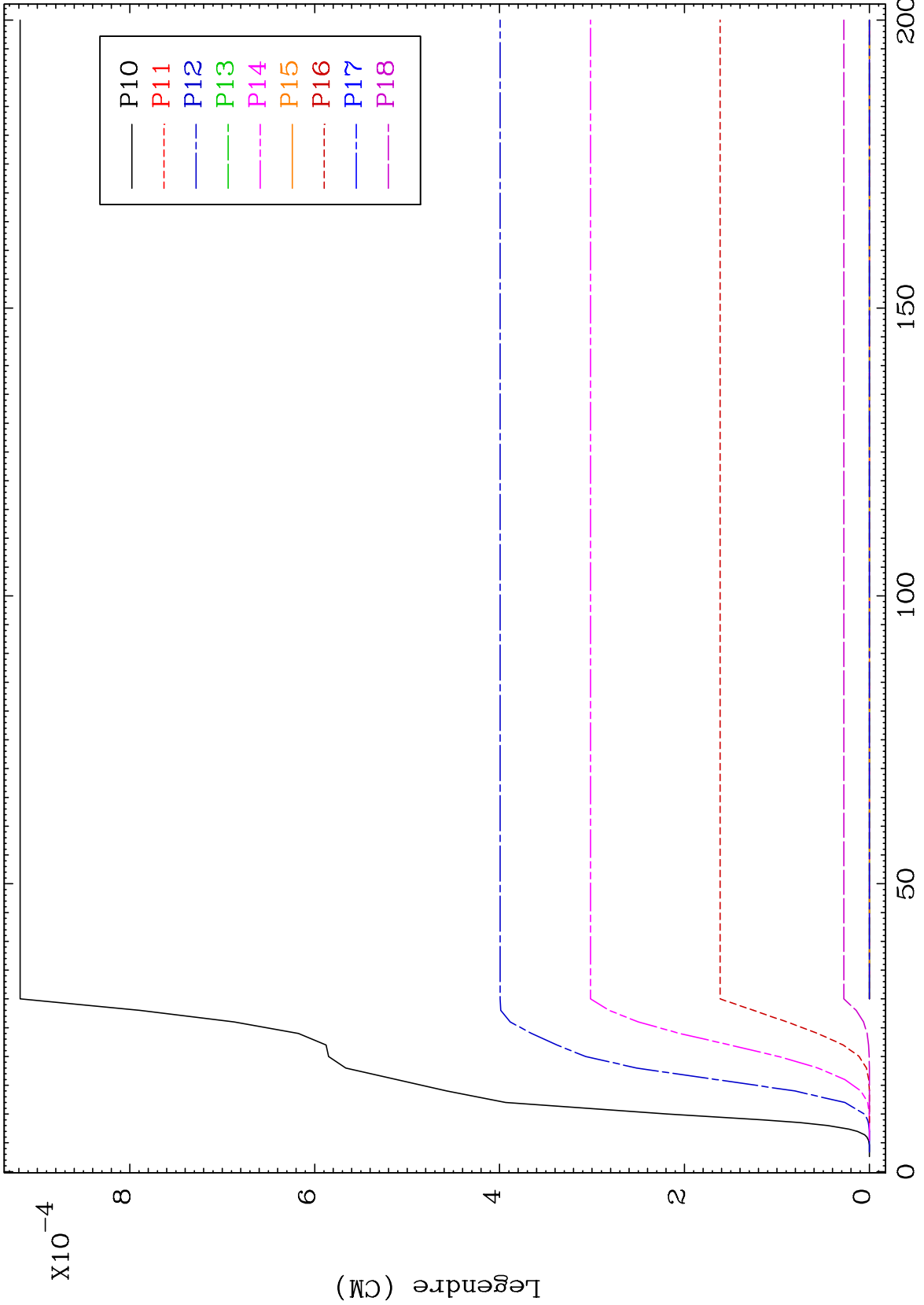




MAT 5052

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

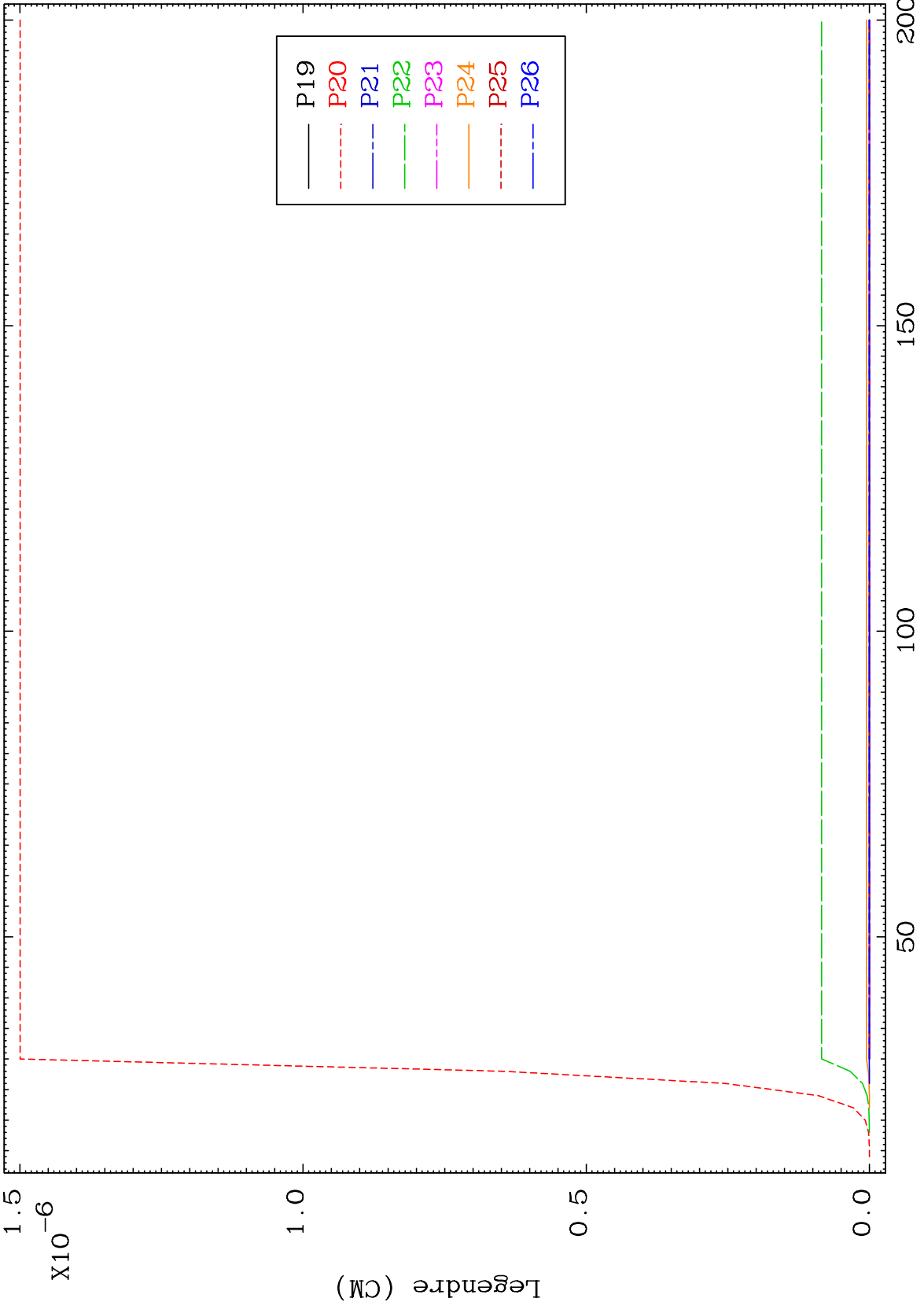
50-Sn-121



87

50-Sn-121

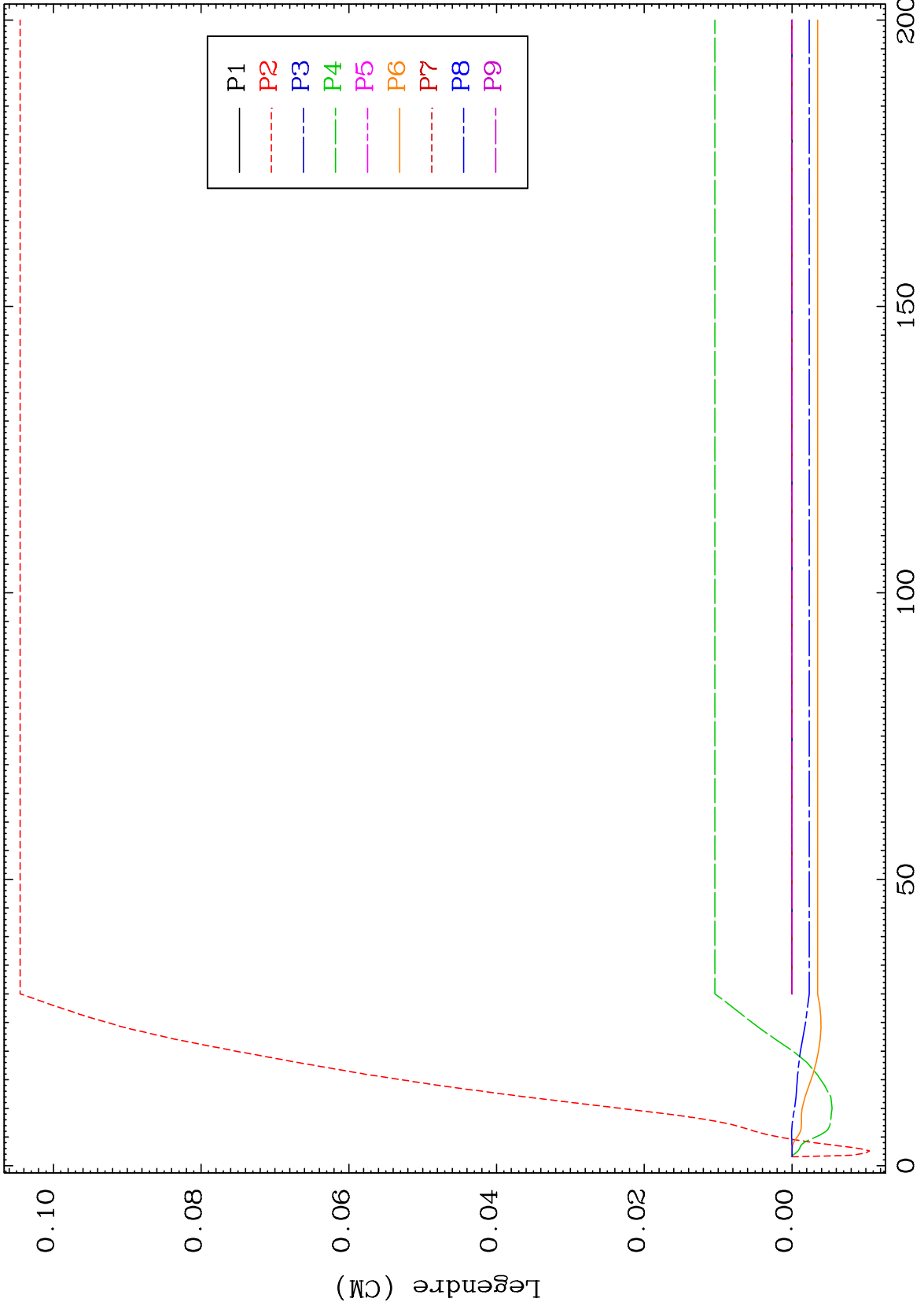
MAT 5052 MT= 70 (n,n') Level Legendre Coefficients 50-Sn-121



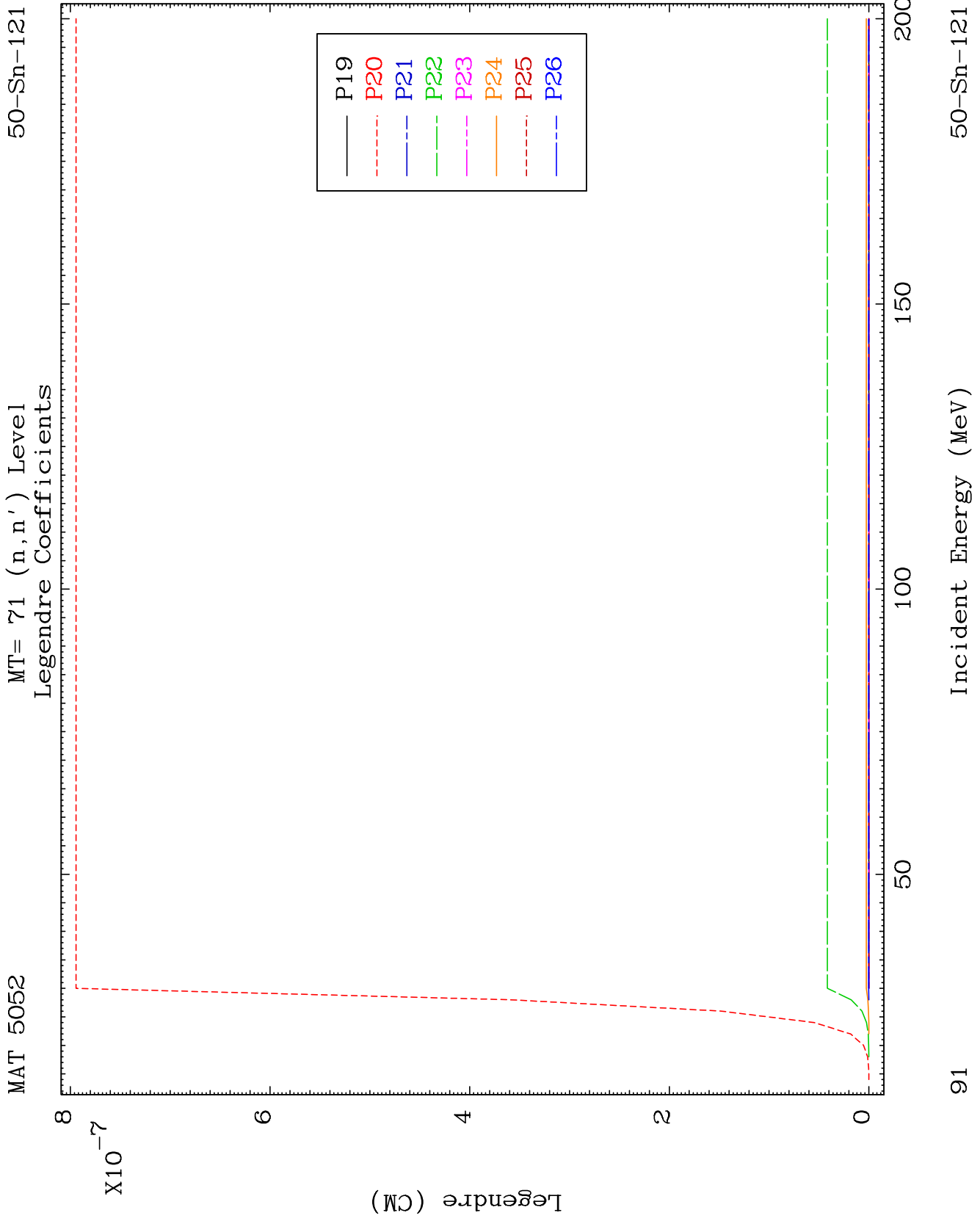
88

50-Sn-121

MAT 5052 MT= 71 (n,n') Level Legendre Coefficients 50-Sn-121



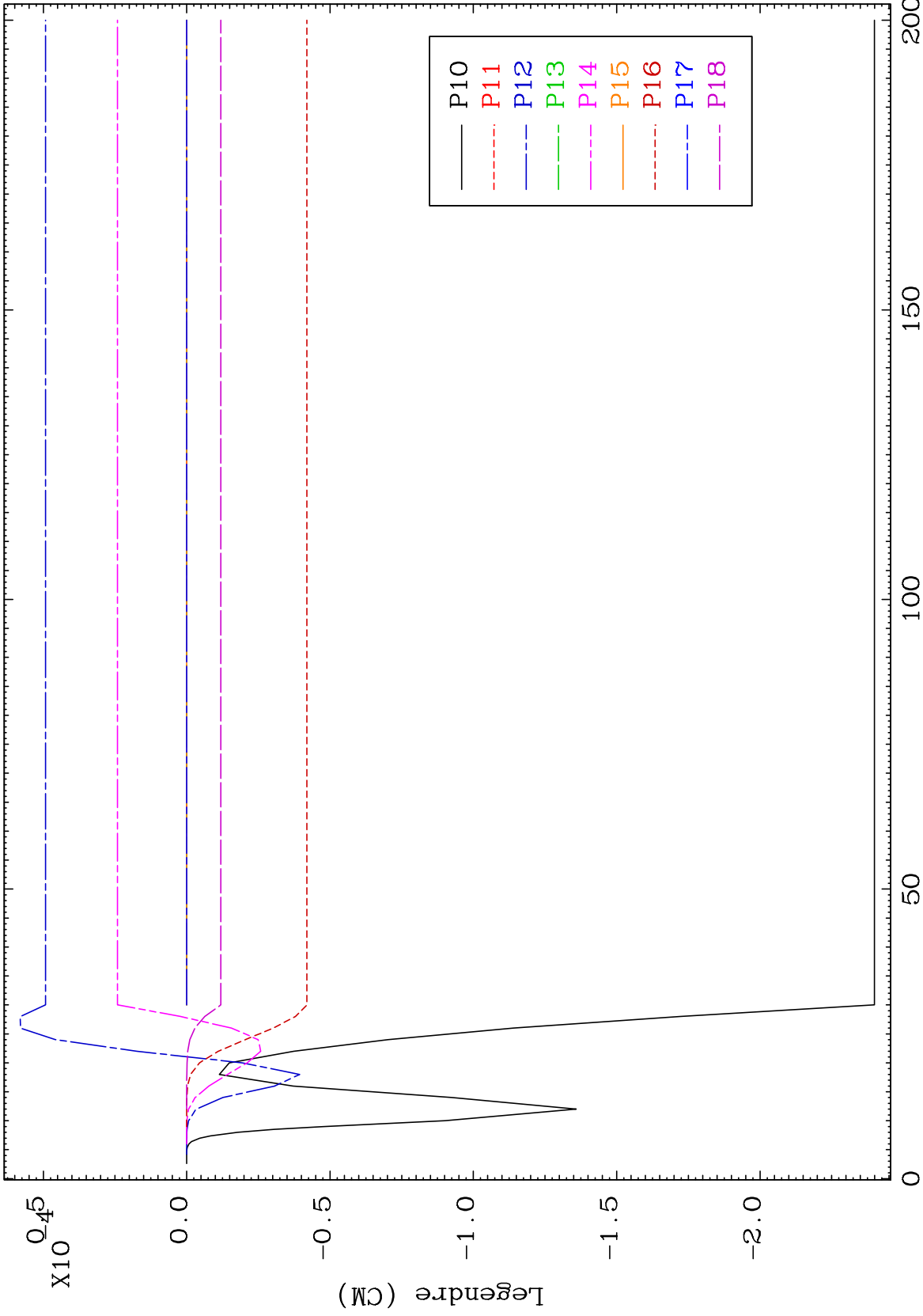
89 50-Sn-121



MAT 5052

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

50-Sn-121

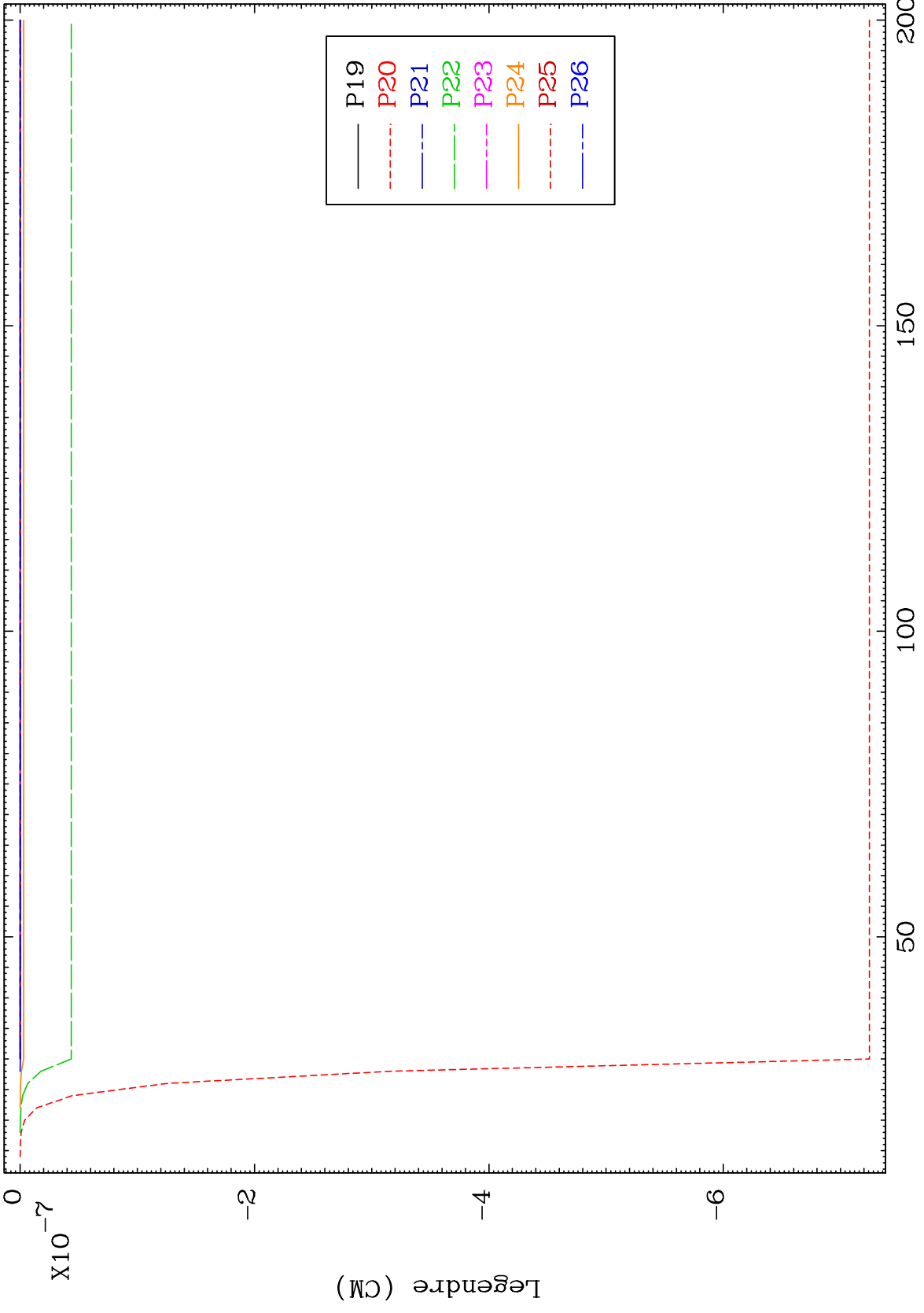


93

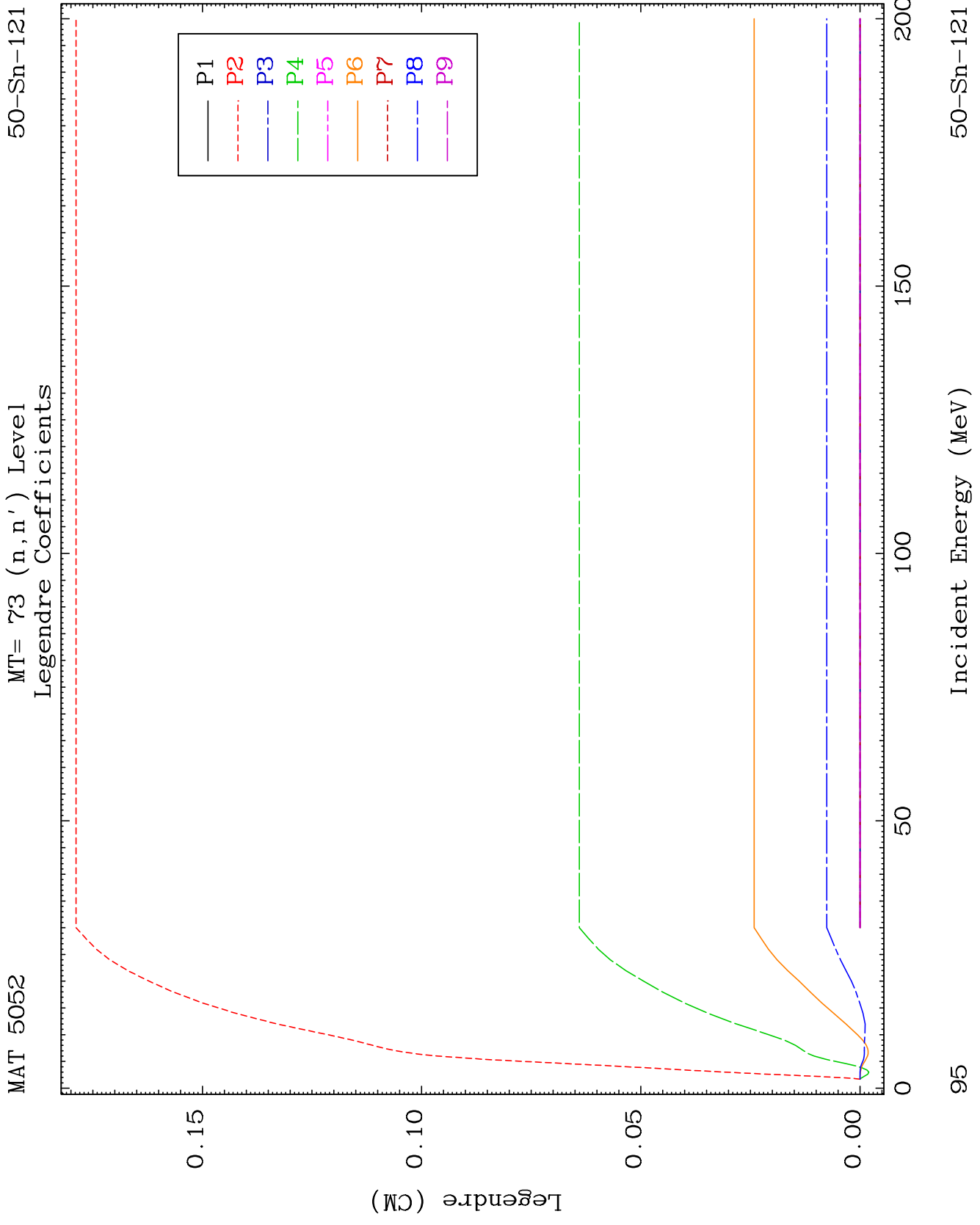
Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 72 (n,n') Level Legendre Coefficients 50-Sn-121



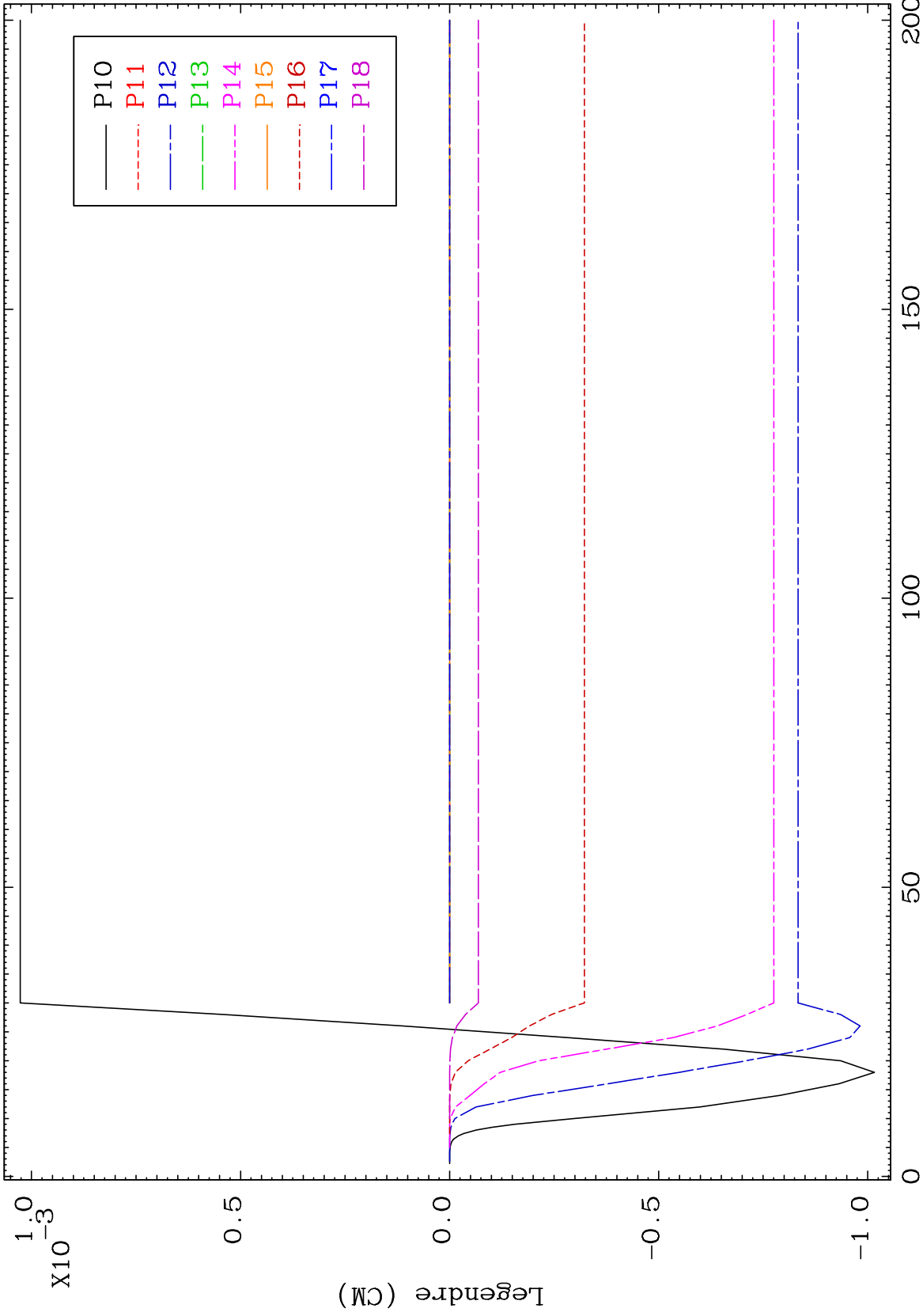
94 Incident Energy (MeV) 50-Sn-121



MAT 5052

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

50-Sn-121

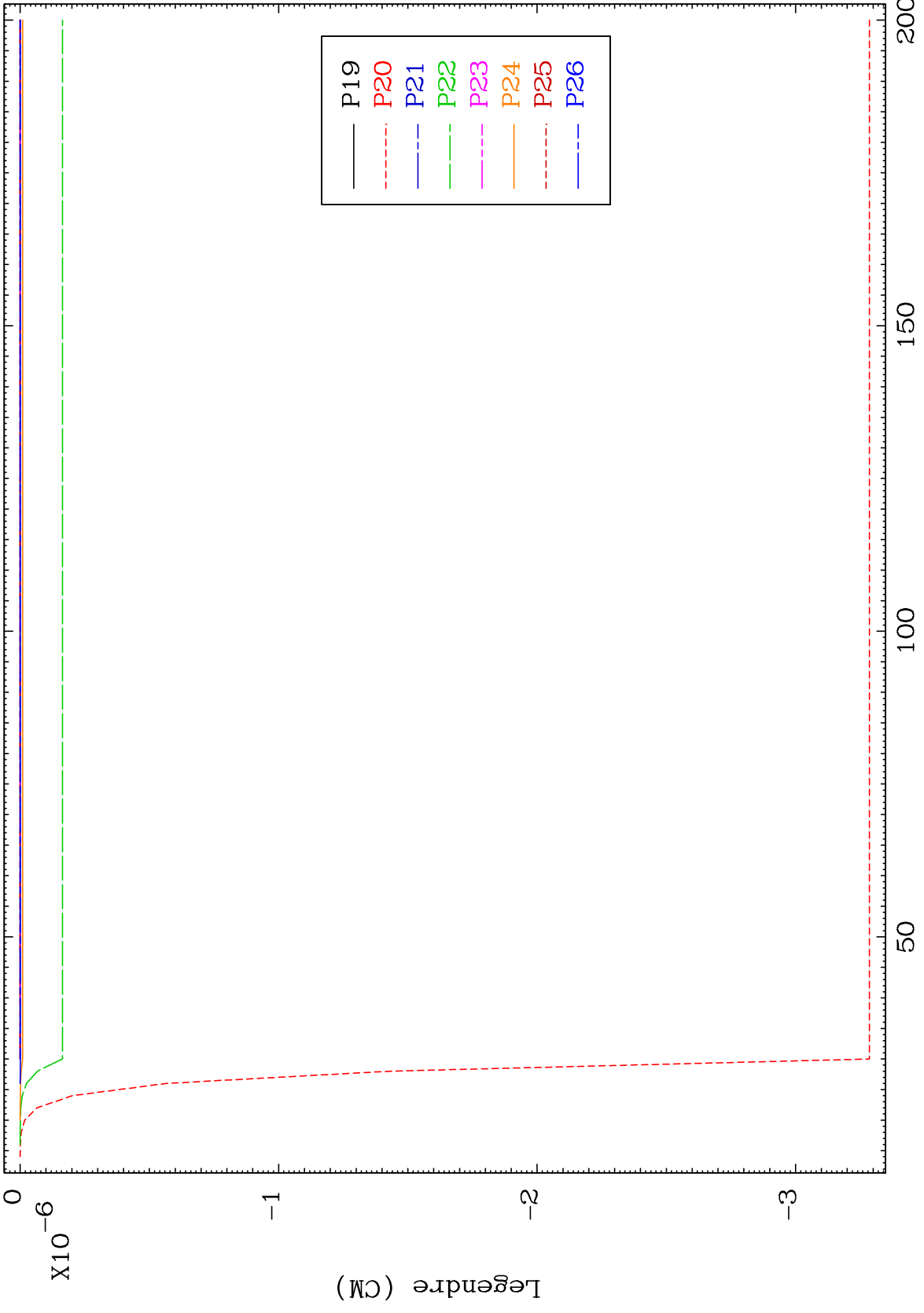


96

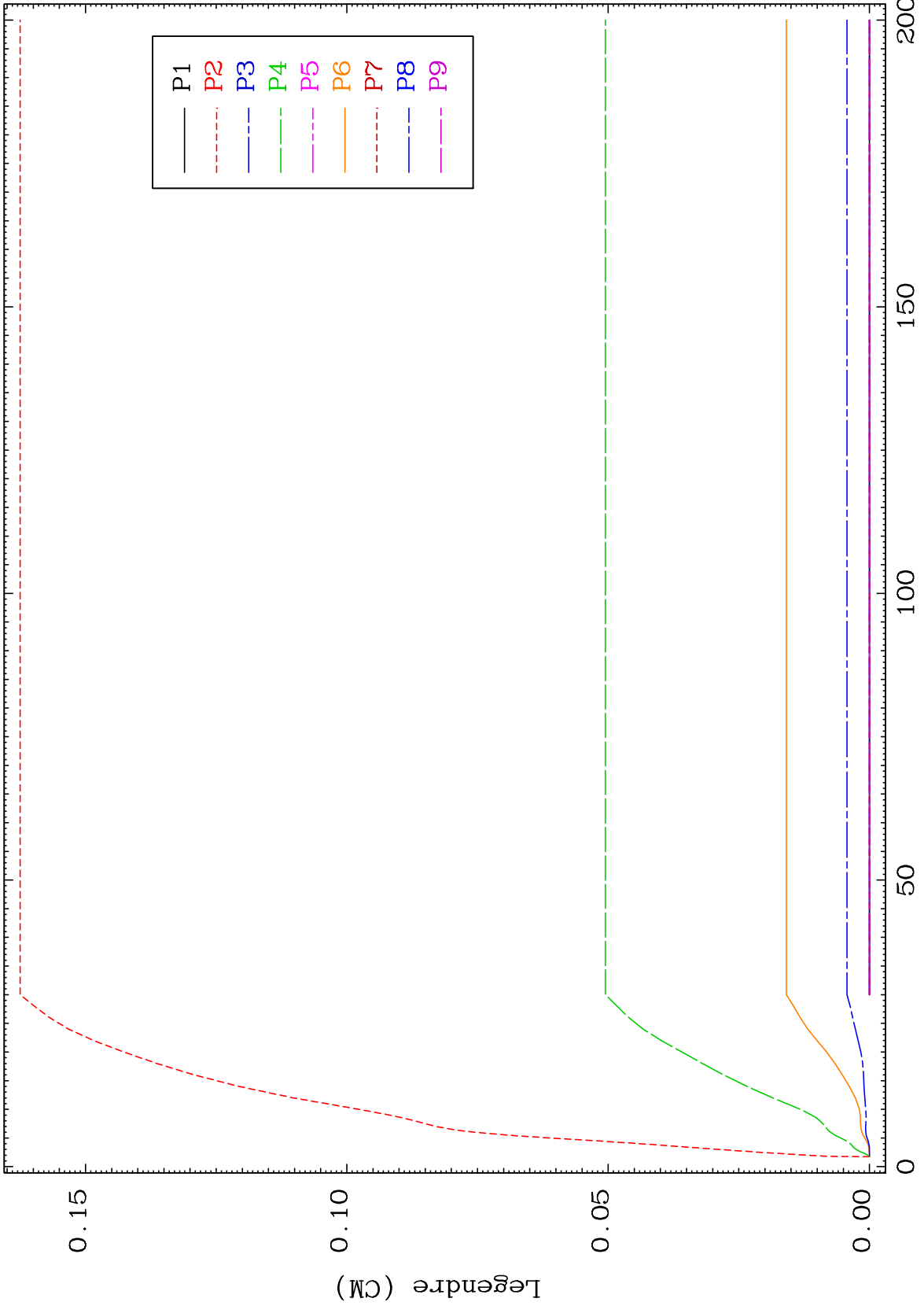
Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 73 (n,n') Level Legendre Coefficients 50-Sn-121



MAT 5052 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-121

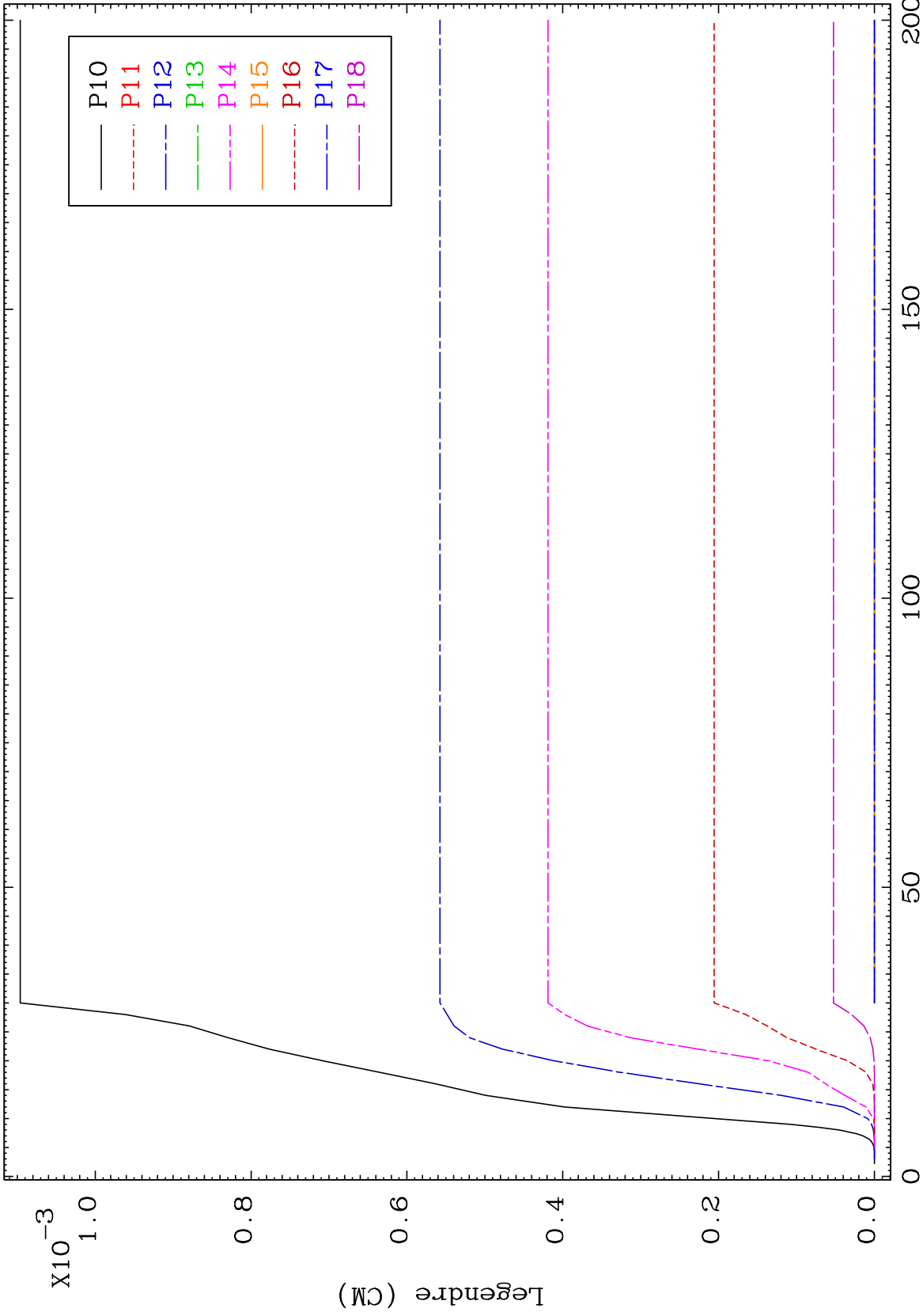


98 Incident Energy (MeV) 50-Sn-121

MAT 5052

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

50-Sn-121

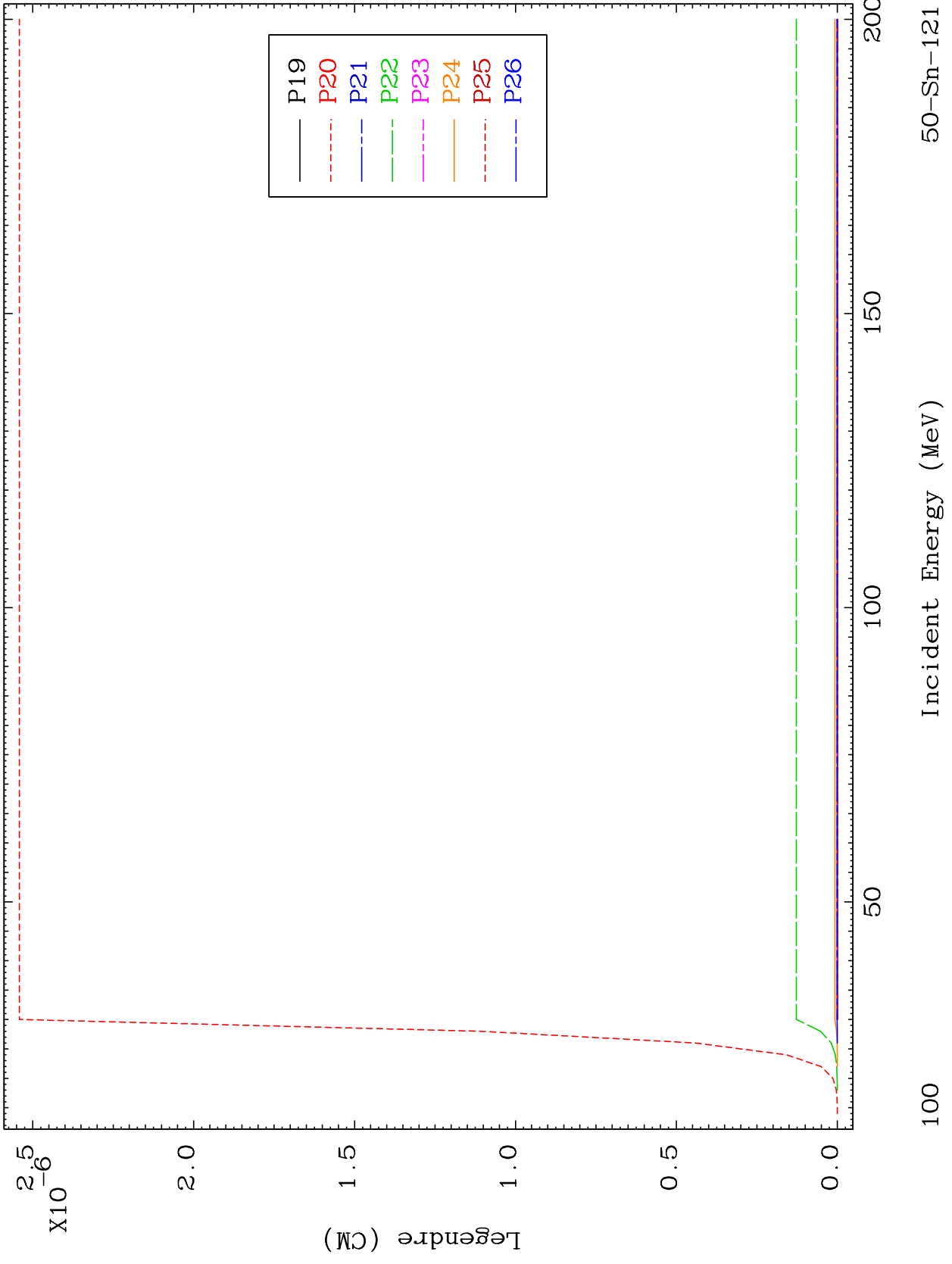


99

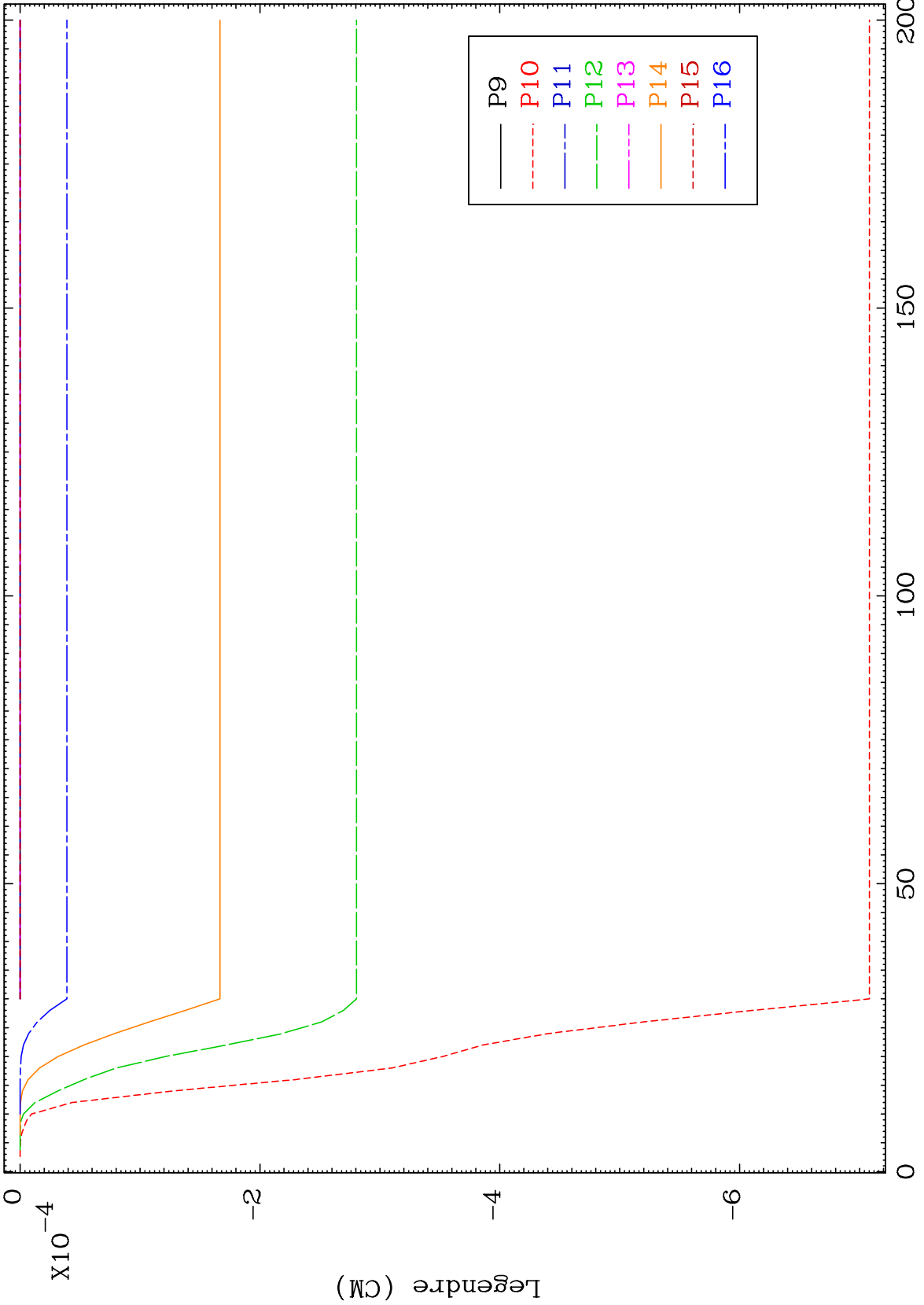
Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 74 (n,n') Level Legendre Coefficients 50-Sn-121

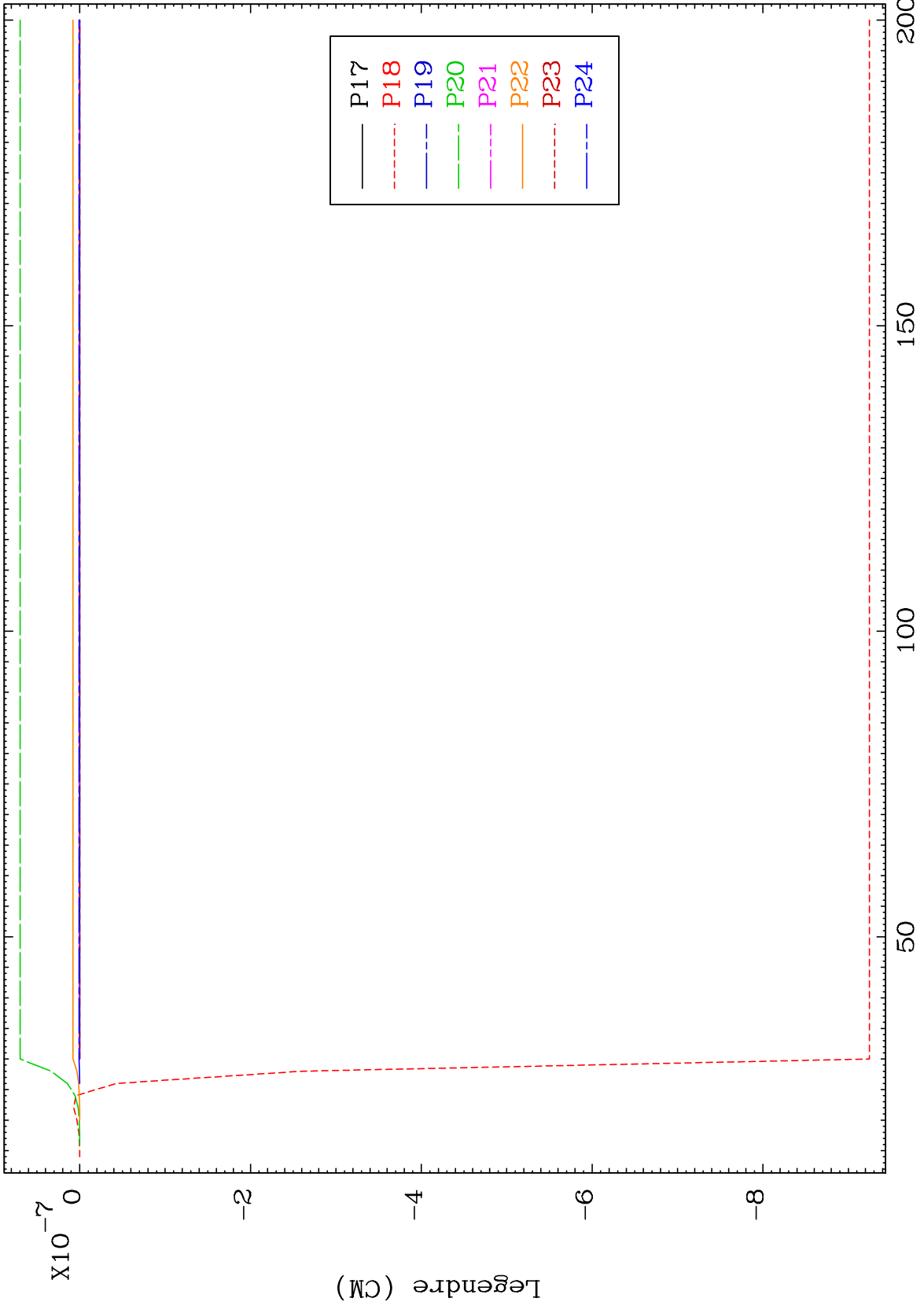


MAT 5052 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-121

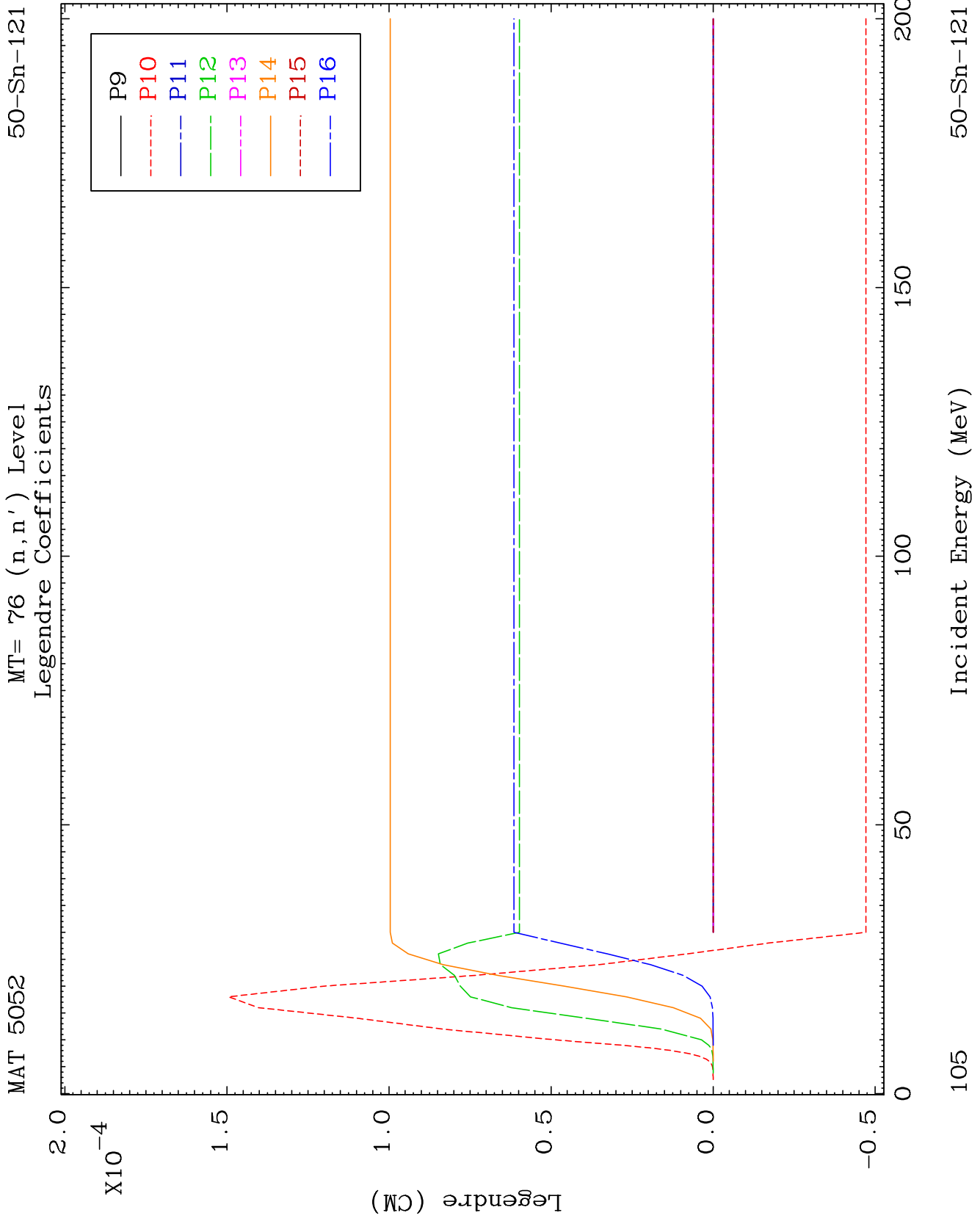


102 Incident Energy (MeV) 50-Sn-121

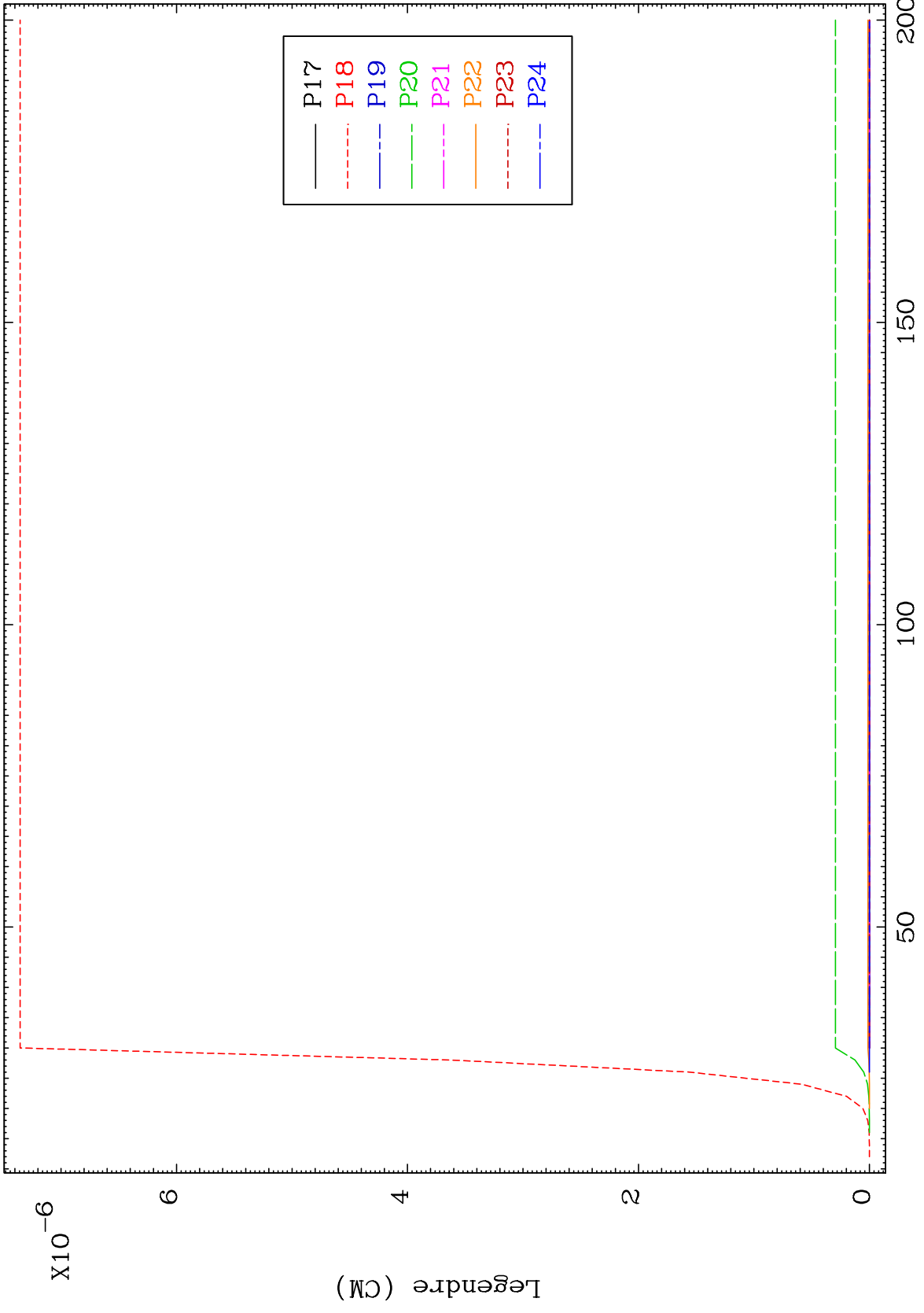
MAT 5052 MT= 75 (n,n') Level Legendre Coefficients 50-Sn-121



103 50-Sn-121

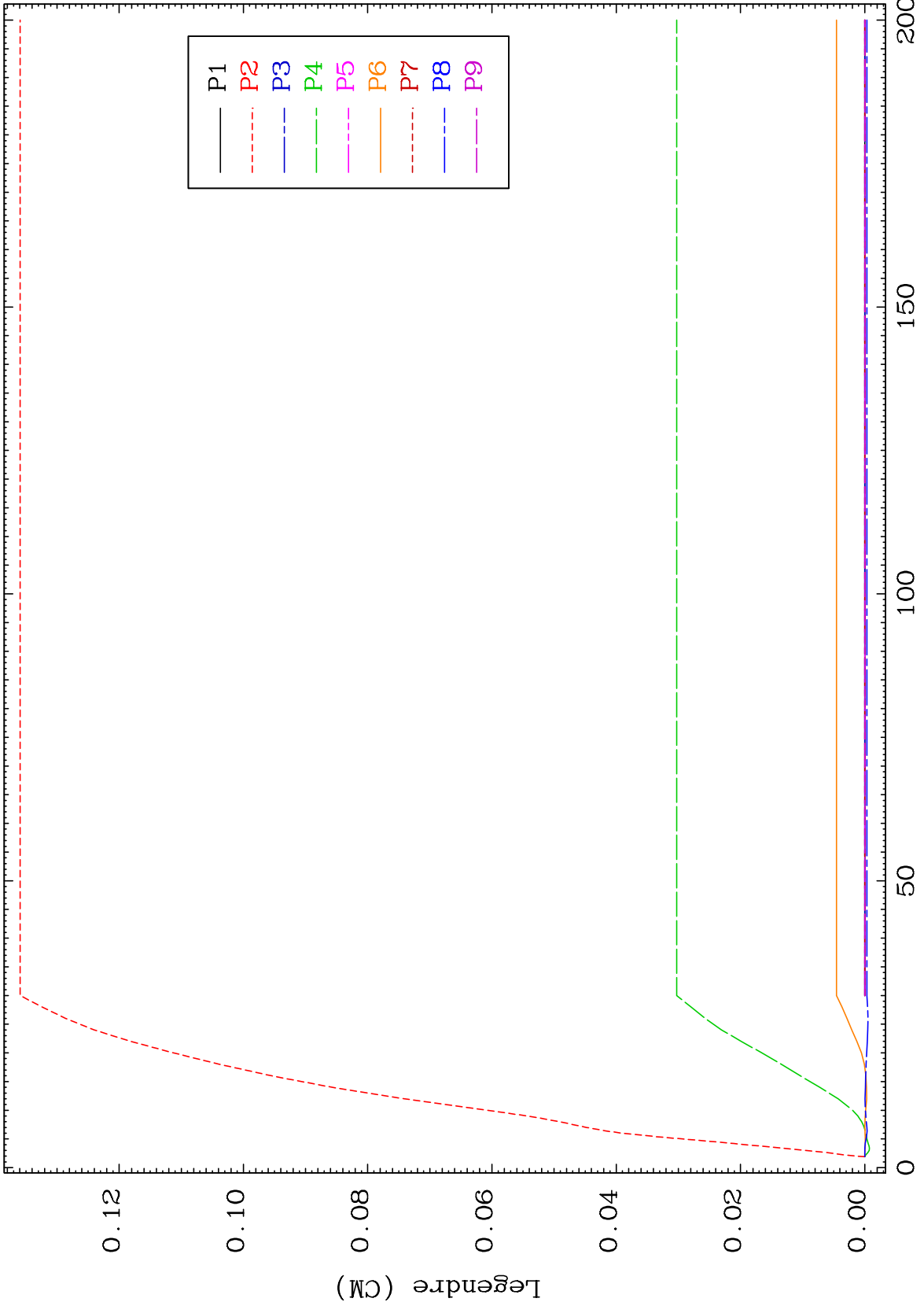


MAT 5052 MT= 76 (n,n') Level Legendre Coefficients 50-Sn-121



Incident Energy (MeV) 50-Sn-121

MAT 5052 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-121

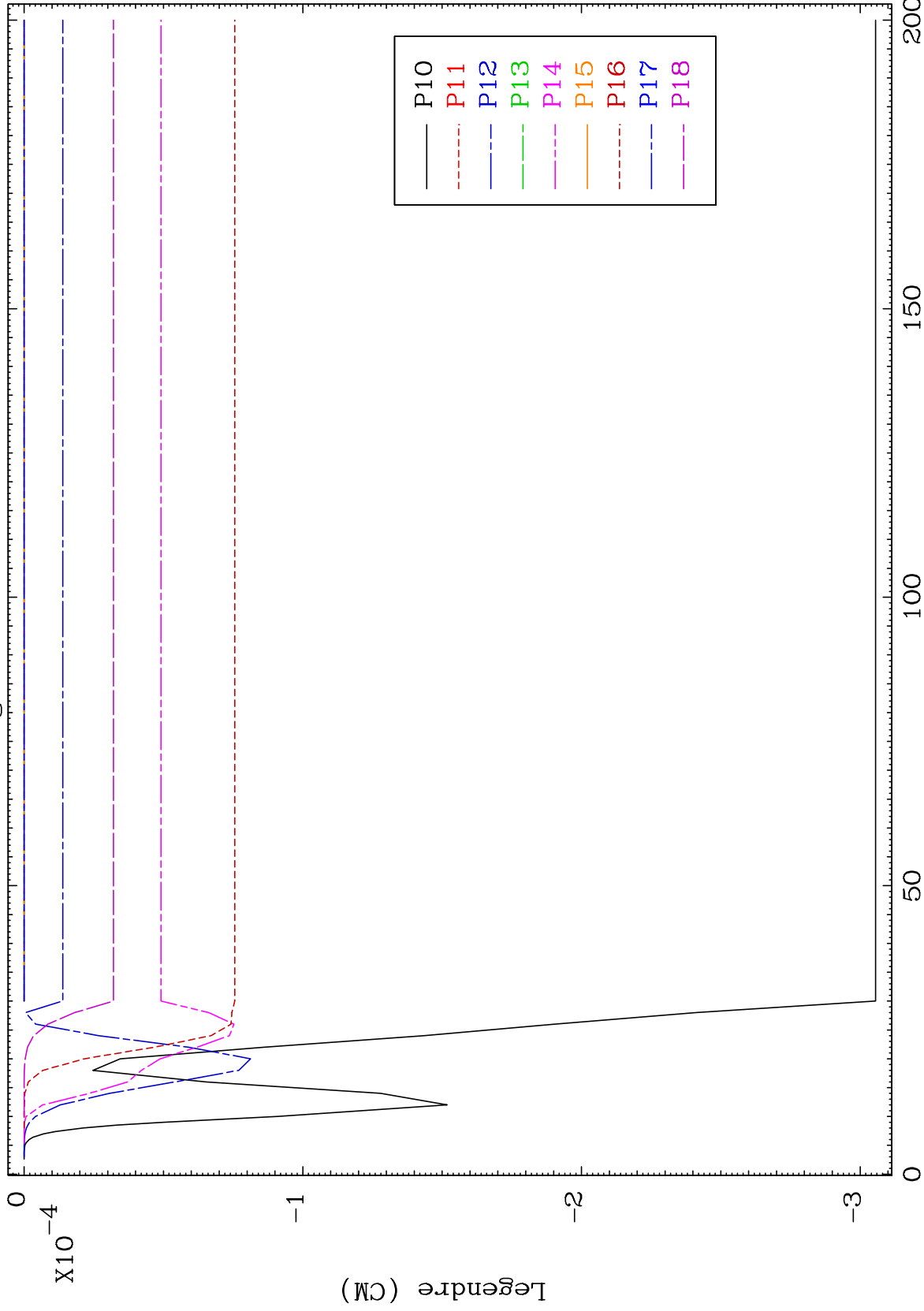


107 Incident Energy (MeV) 50-Sn-121

MAT 5052

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

50-Sn-121

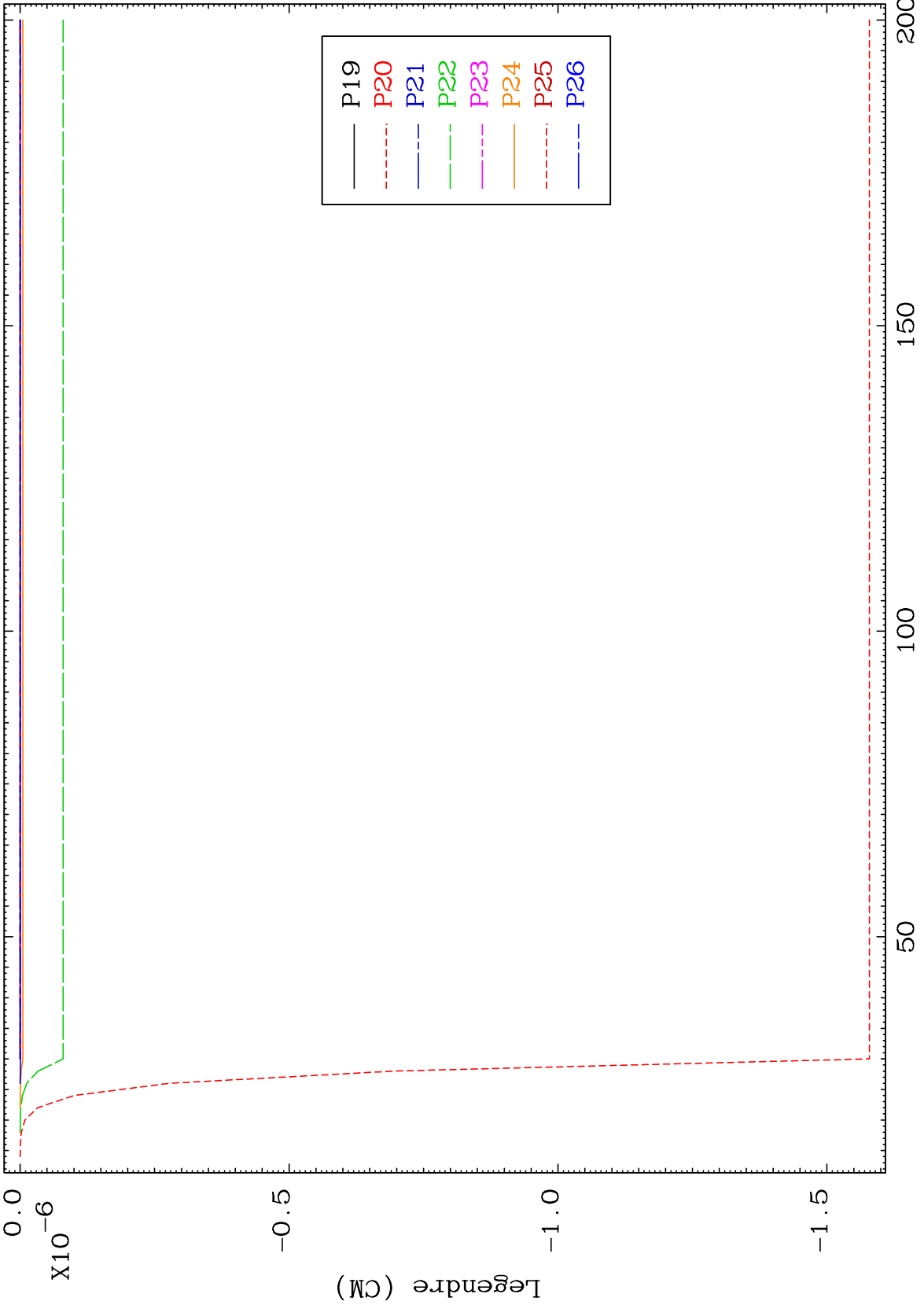


108

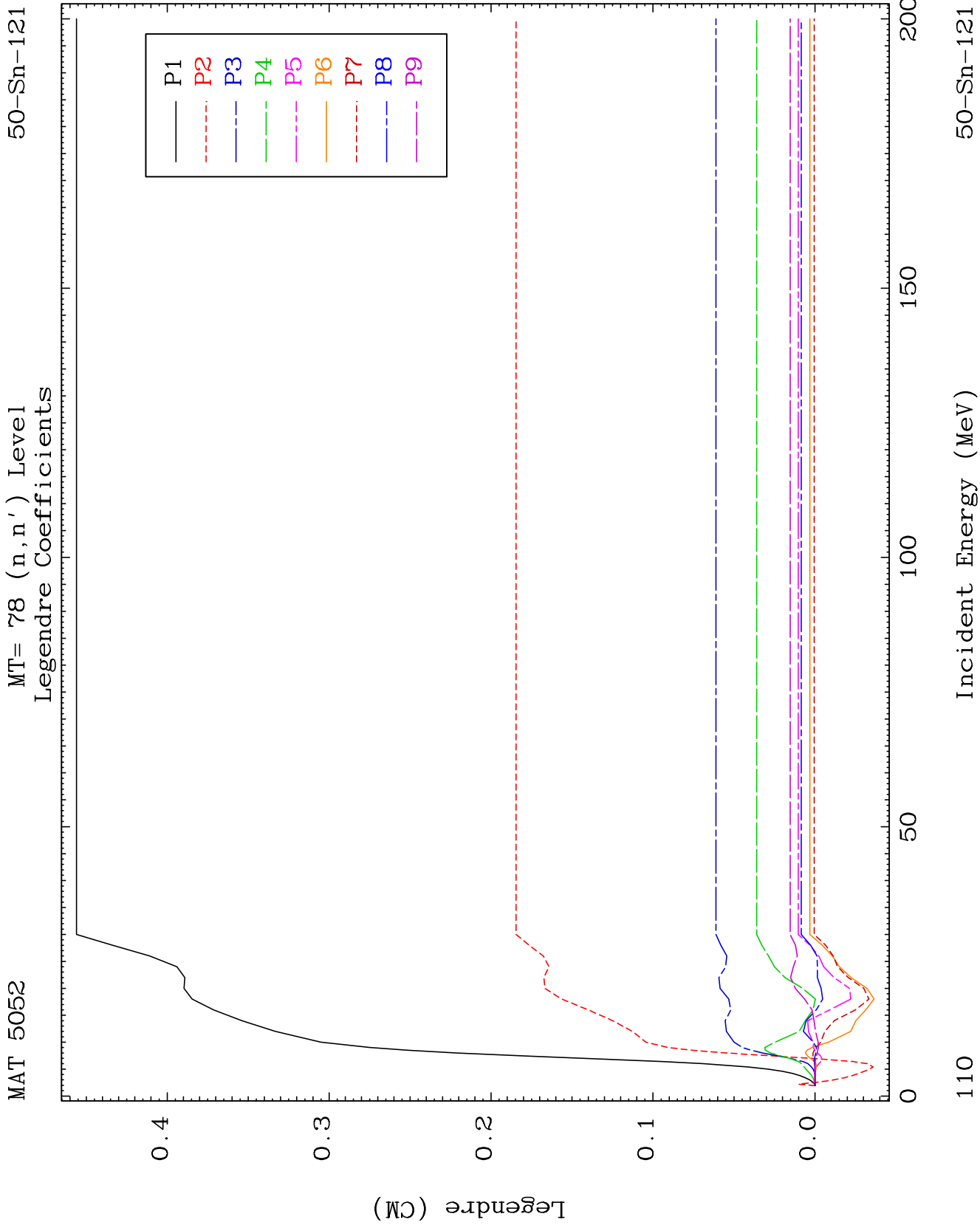
Incident Energy (MeV)

50-Sn-121

MAT 5052 MT= 77 (n,n') Level Legendre Coefficients 50-Sn-121



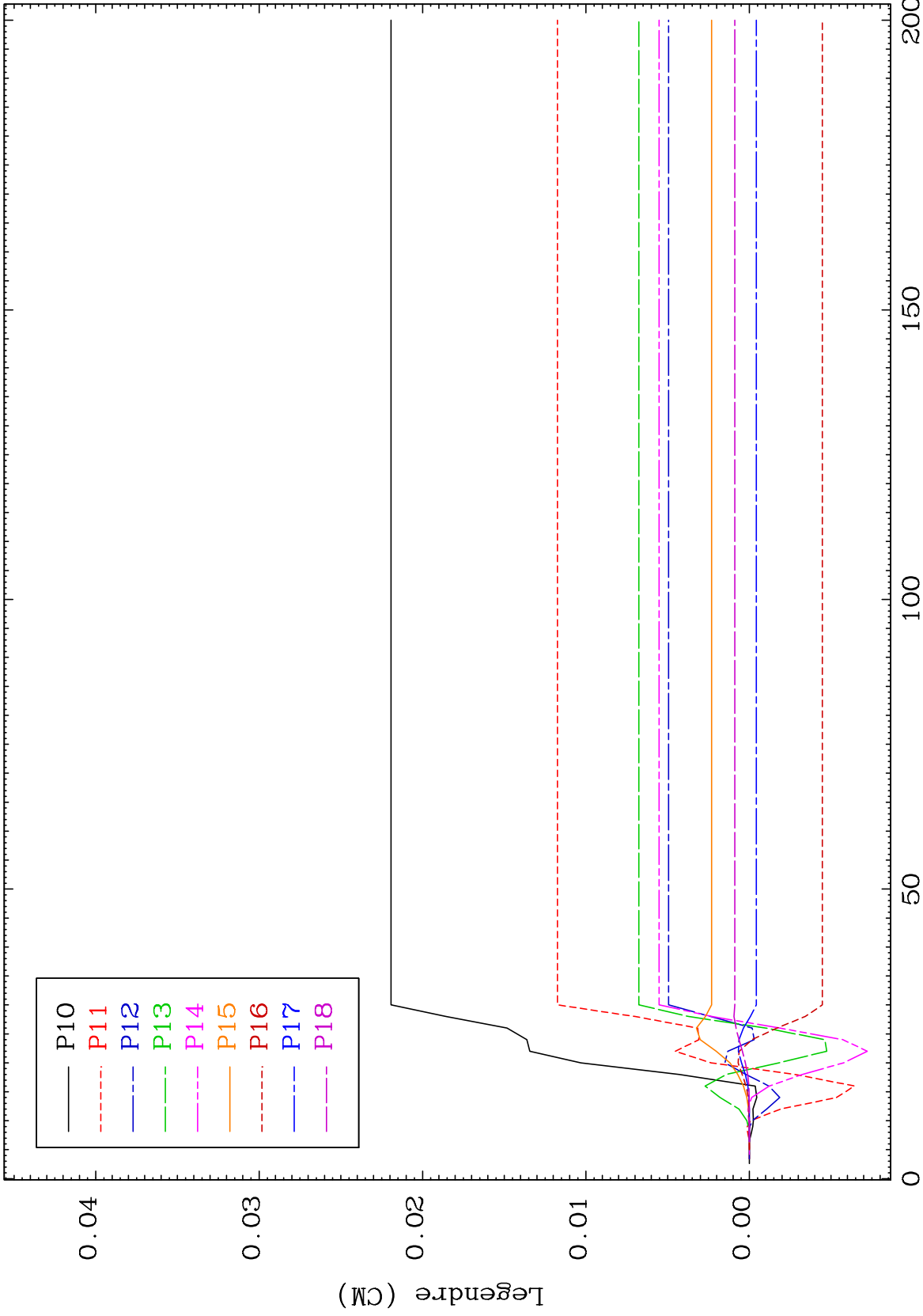
109 50-Sn-121



MAT 5052

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

50-Sn-121

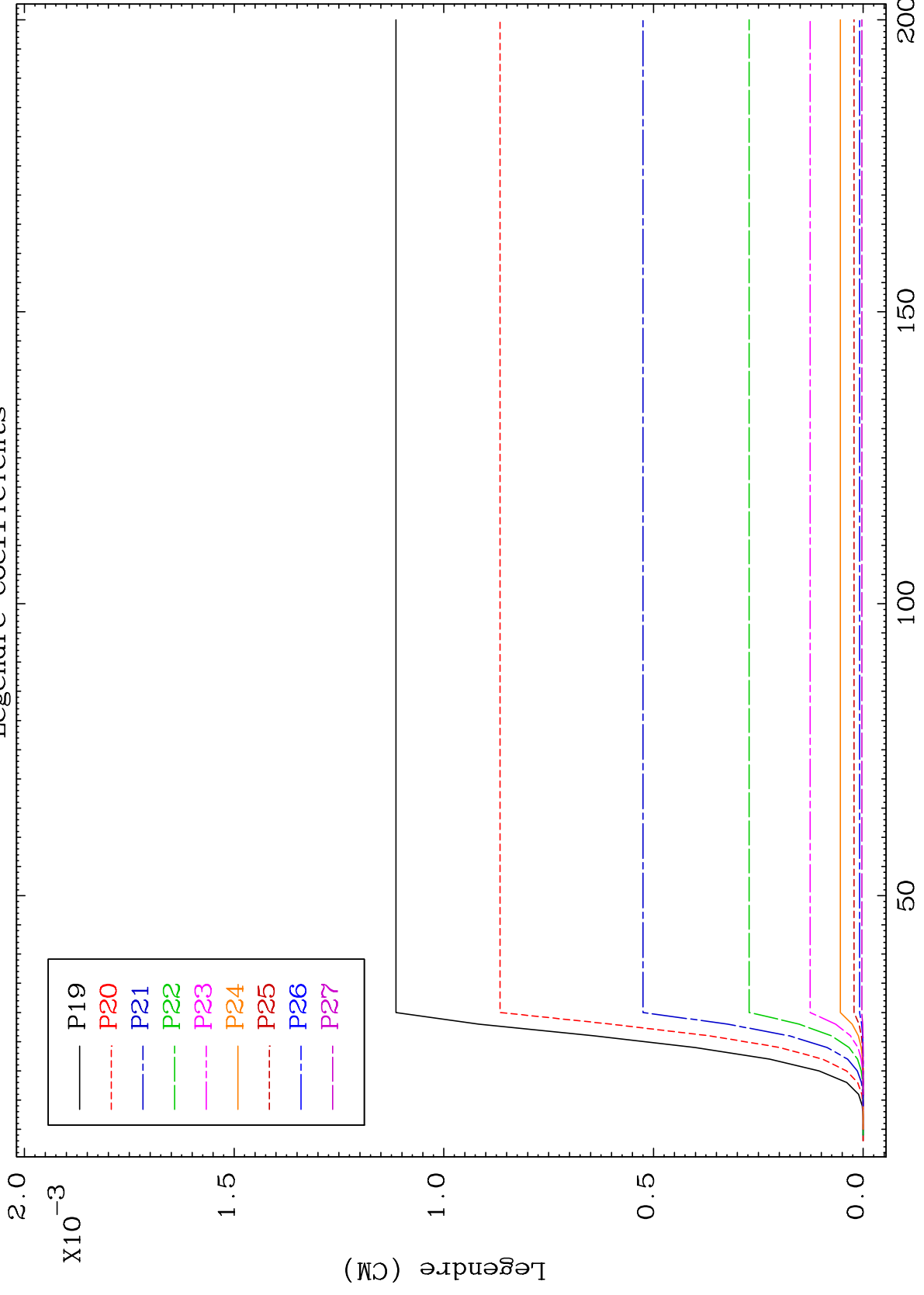


111

Incident Energy (MeV)

50-Sn-121

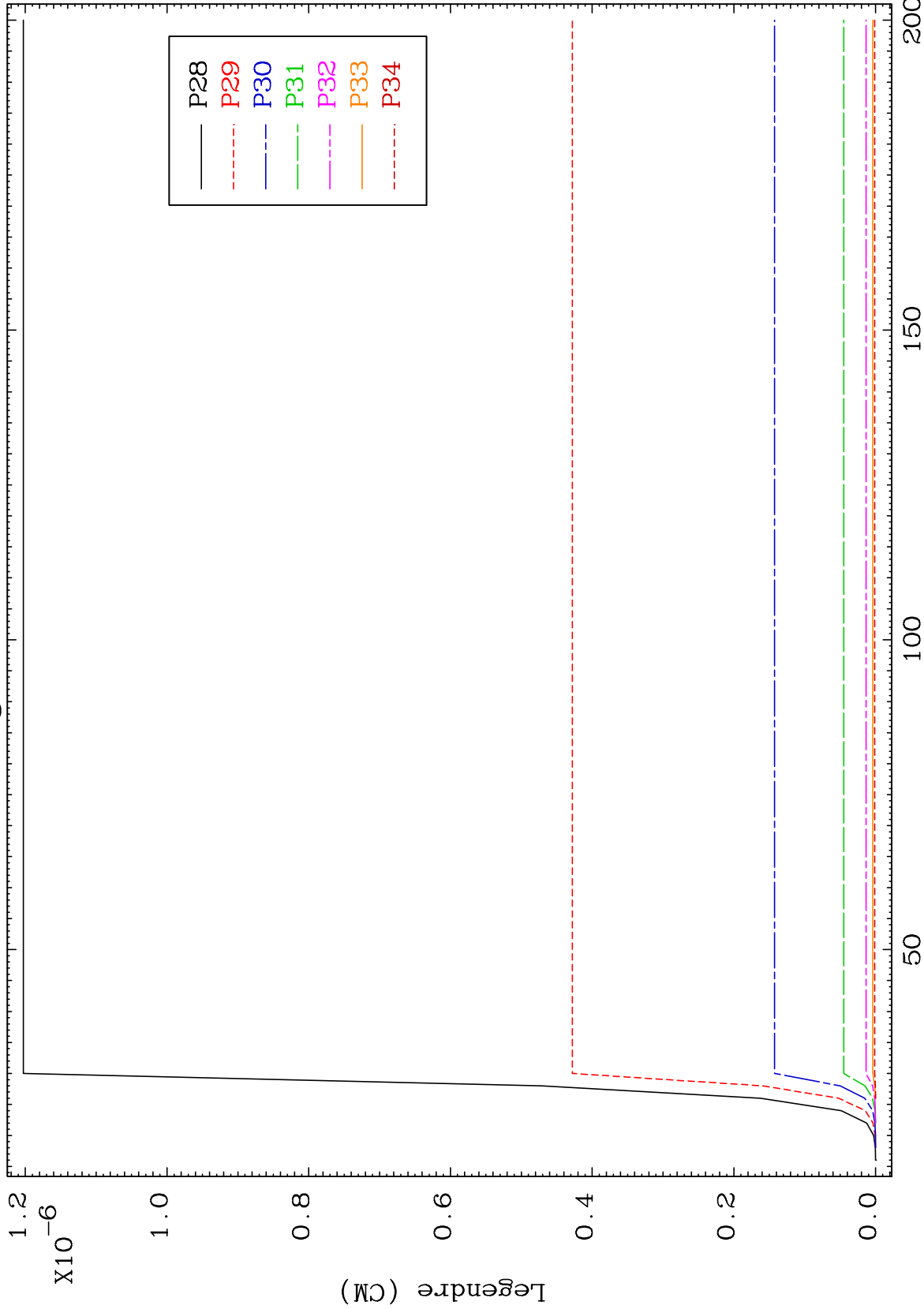
MAT 5052 MT= 78 (n,n') Level Legendre Coefficients 50-Sn-121



MAT 5052

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

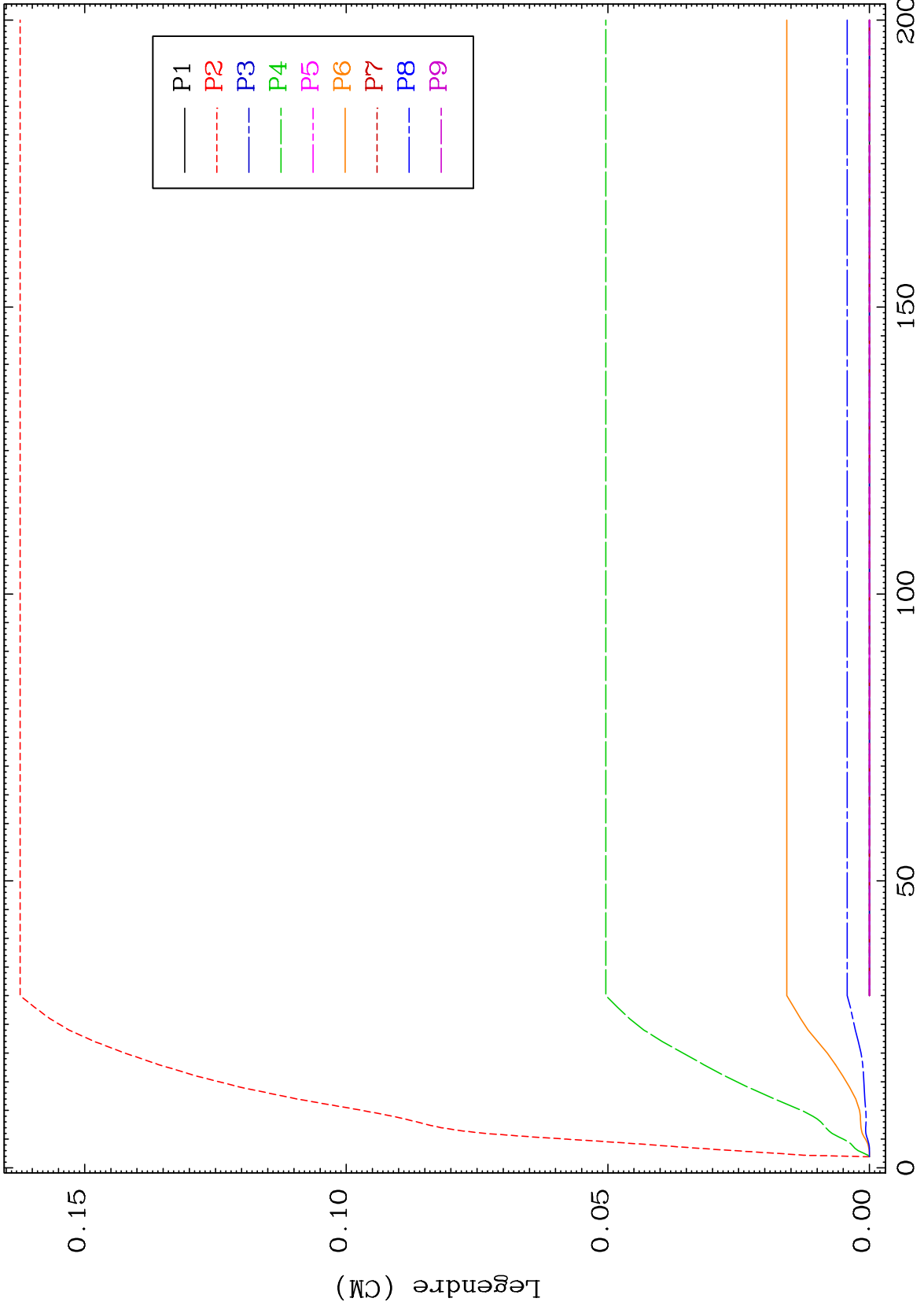
50-Sn-121



113

50-Sn-121

MAT 5052 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-121

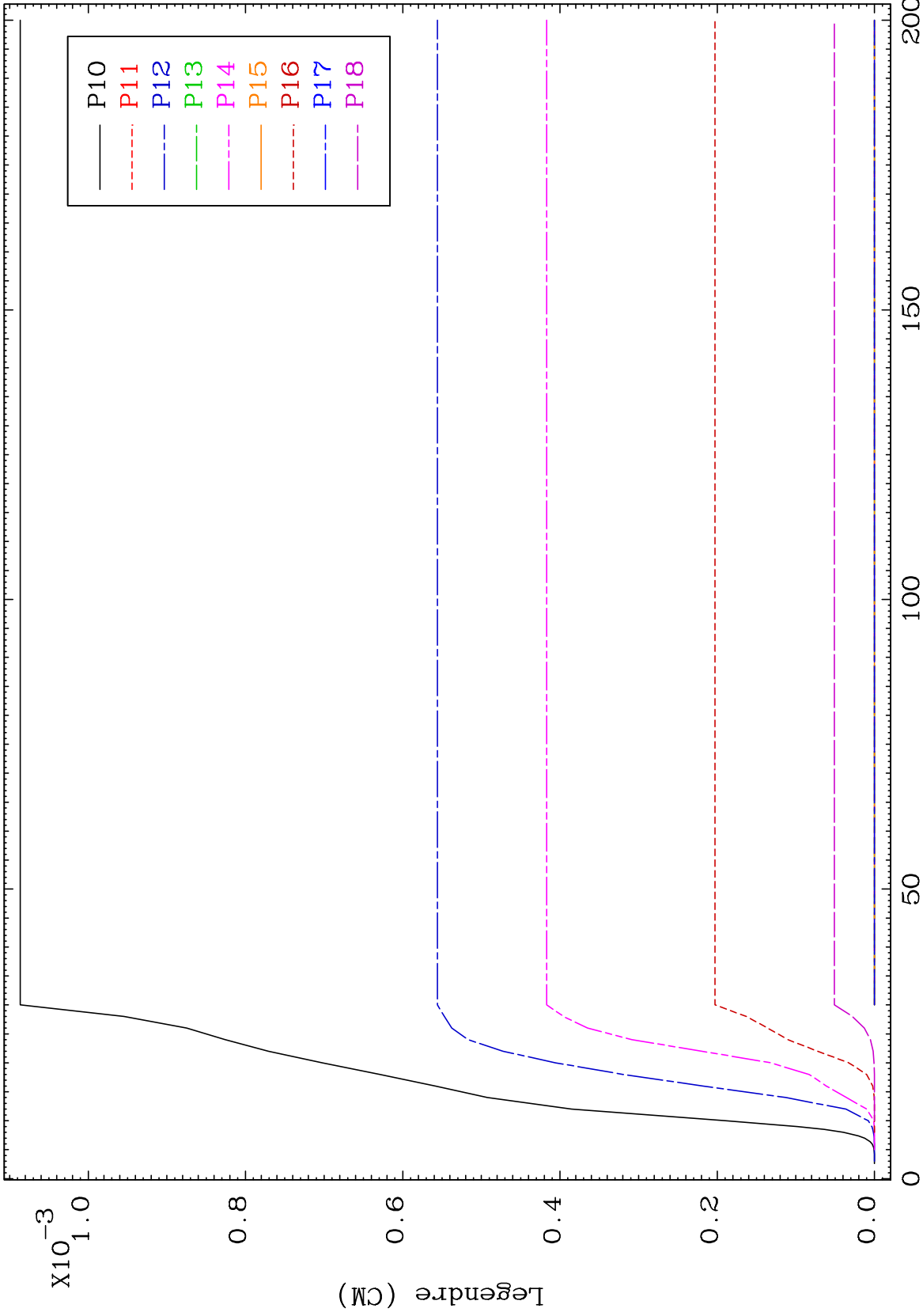


114 50-Sn-121

MAT 5052

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

50-Sn-121

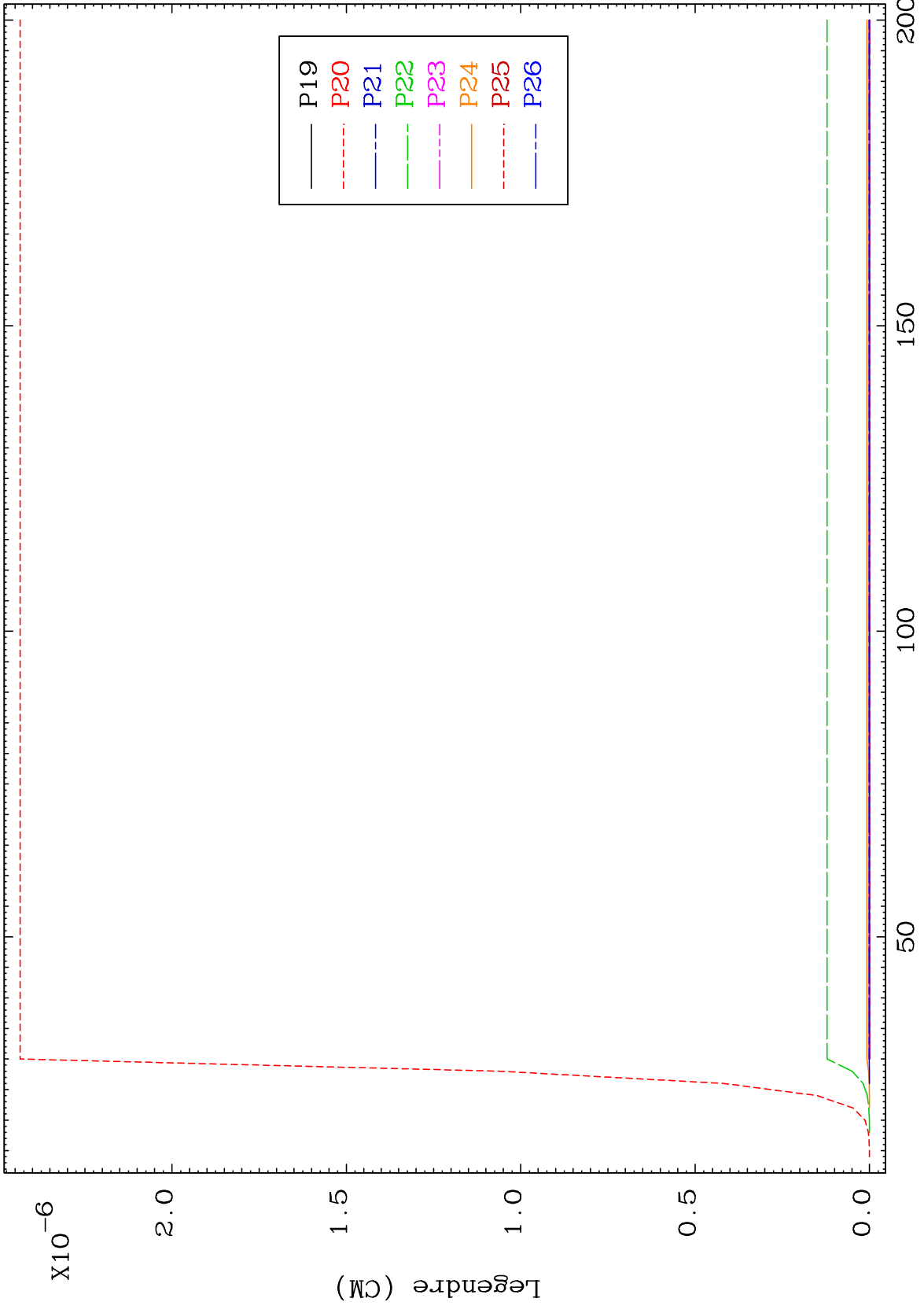


115

Incident Energy (MeV)

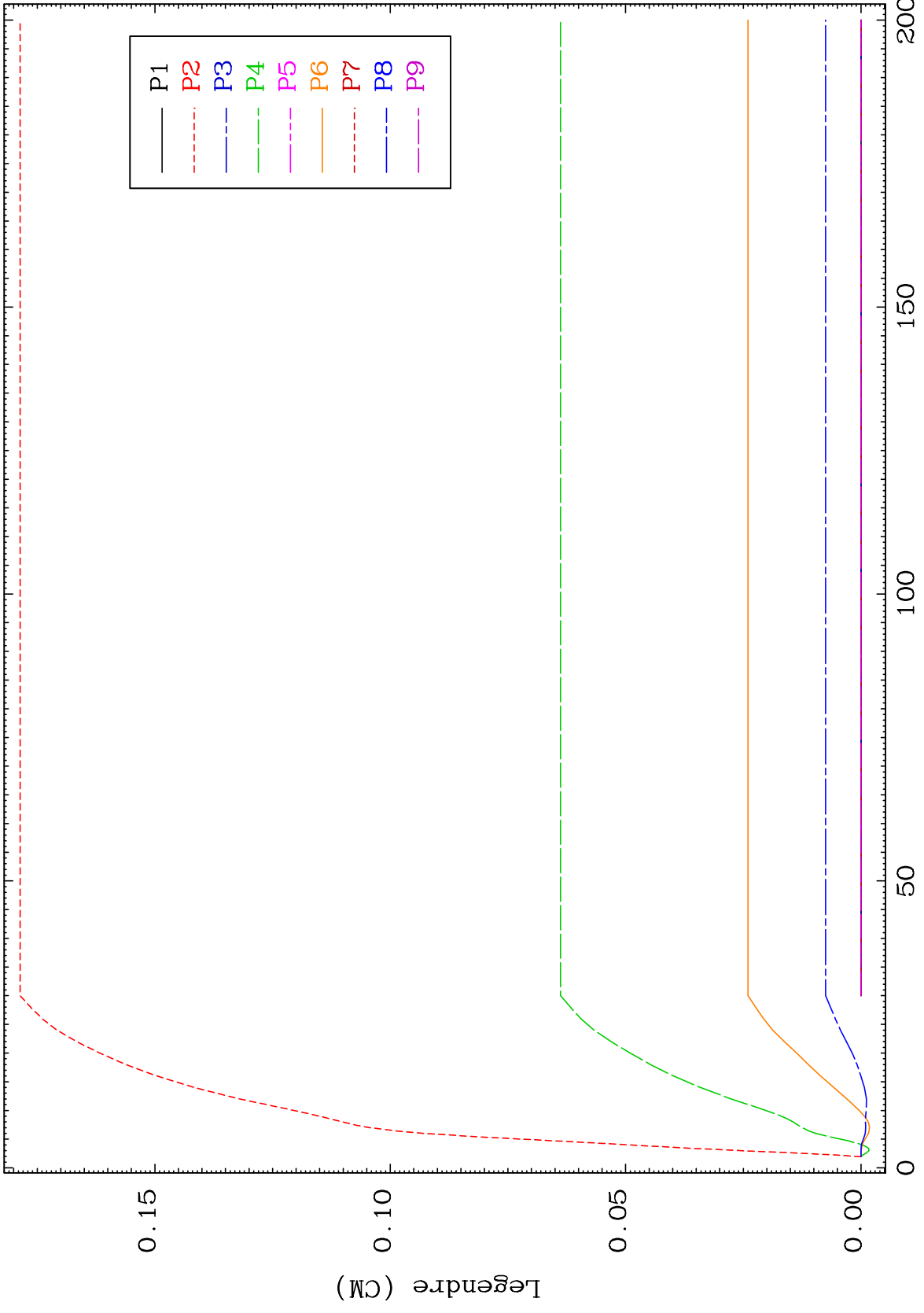
50-Sn-121

MAT 5052 MT= 79 (n,n') Level Legendre Coefficients 50-Sn-121

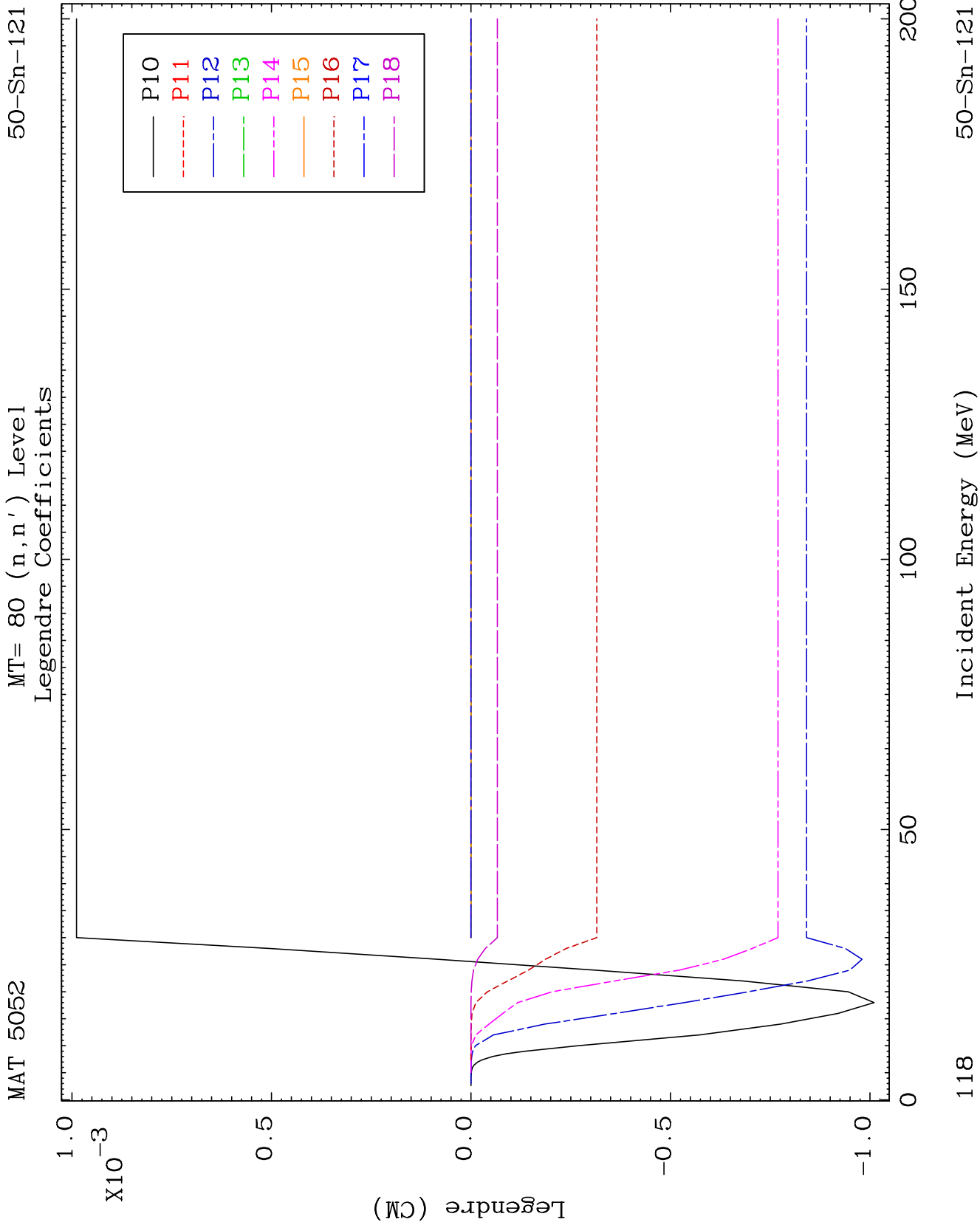


116 50-Sn-121

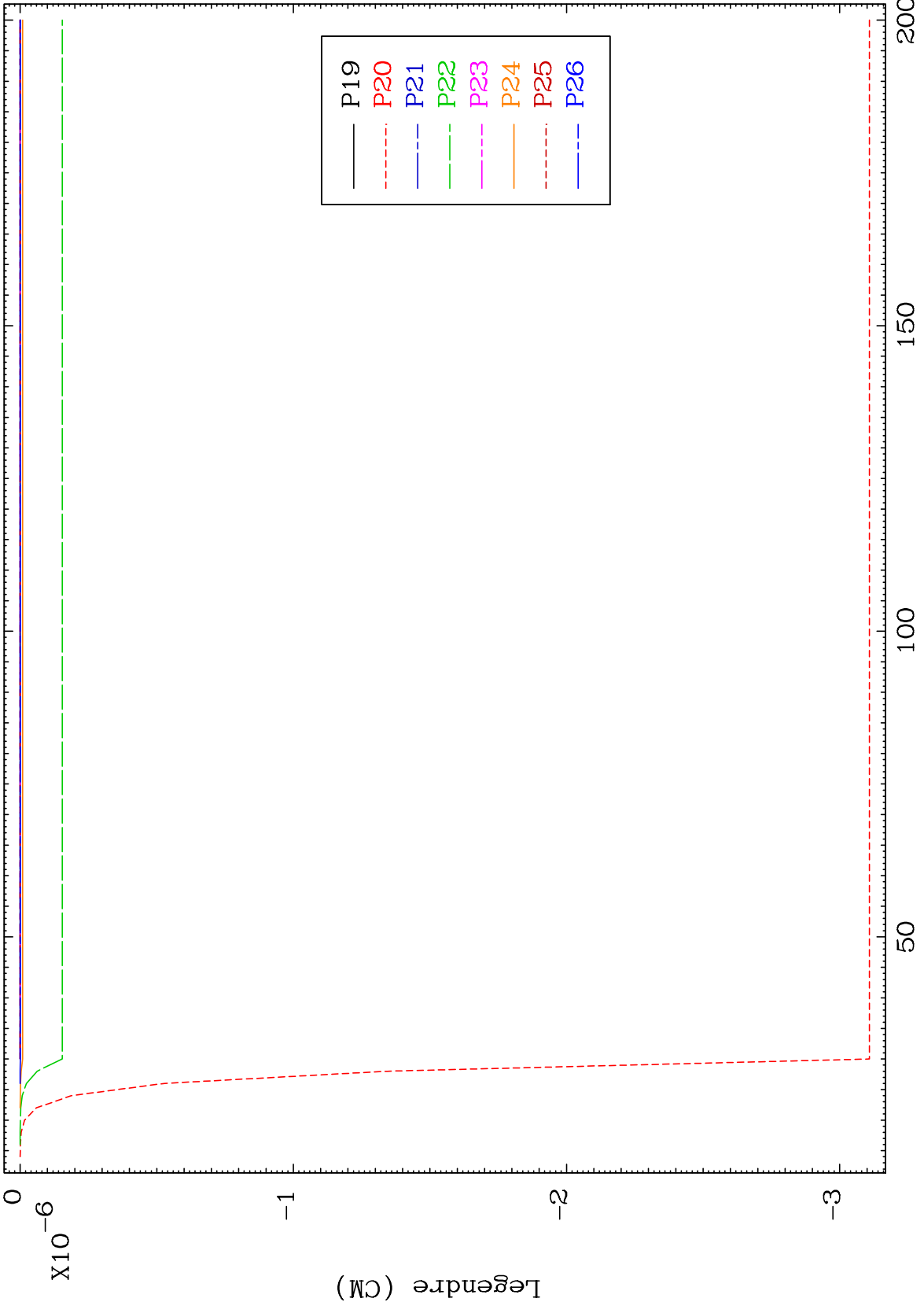
MAT 5052 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-121



117 50-Sn-121



MAT 5052 MT= 80 (n,n') Level Legendre Coefficients 50-Sn-121

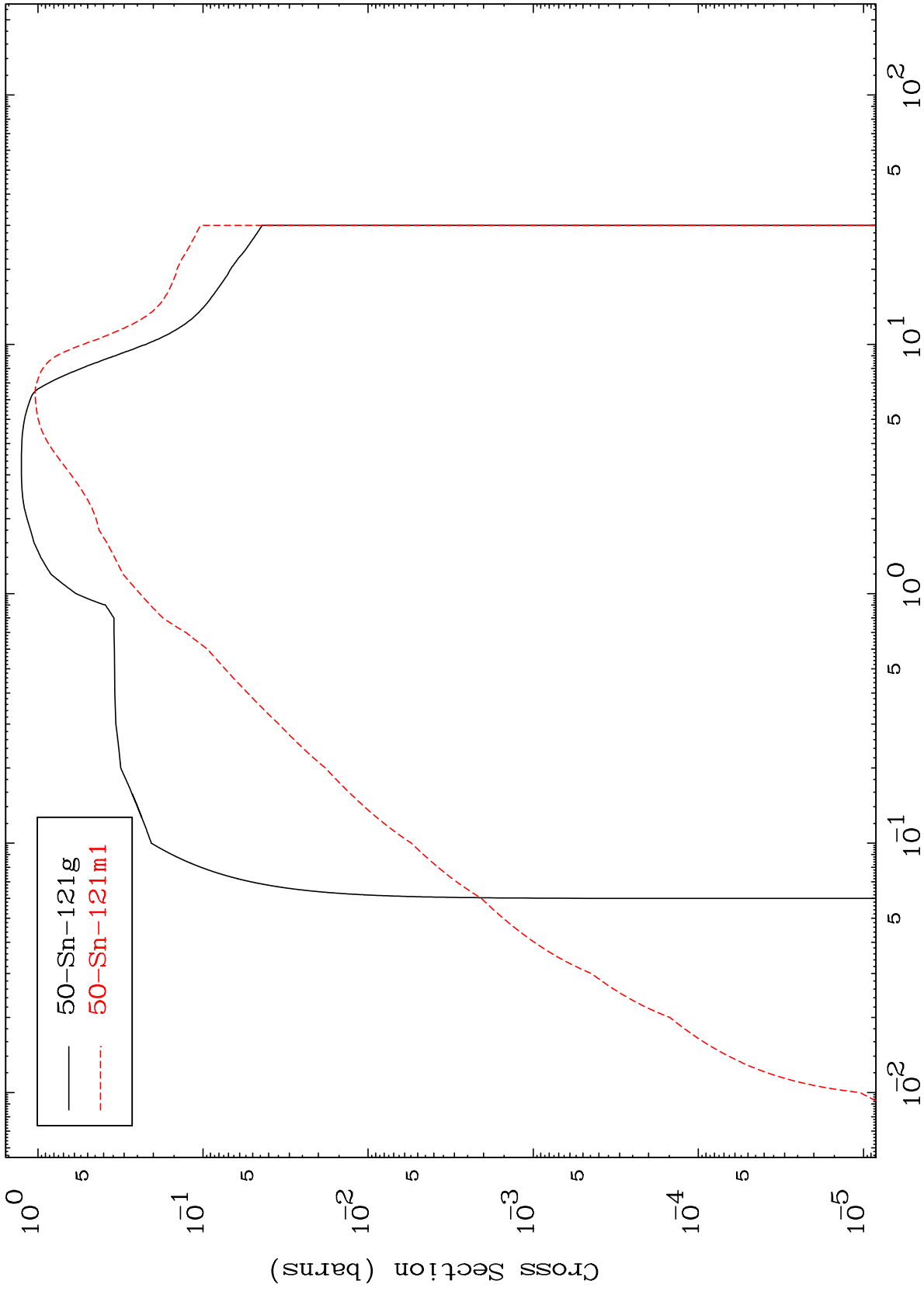


119 50-Sn-121

MAT 5052

Inelastic Radionuclide Production Cross Section

50-Sn-121



120

Incident Energy (MeV)

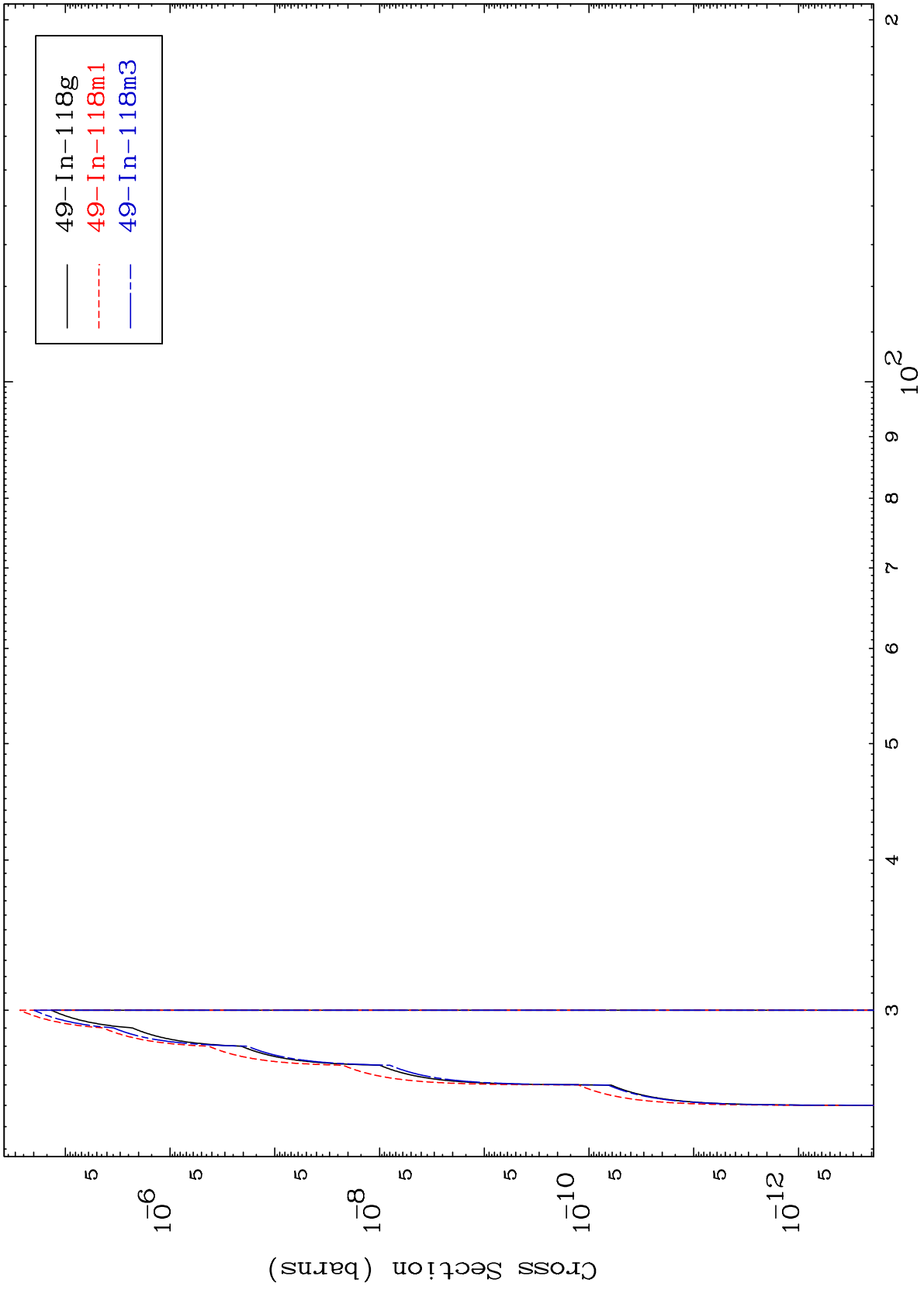
50-Sn-121

MAT 5052

(n,2n) d

50-Sn-121

Radionuclide Production Cross Section



121

Incident Energy (MeV)

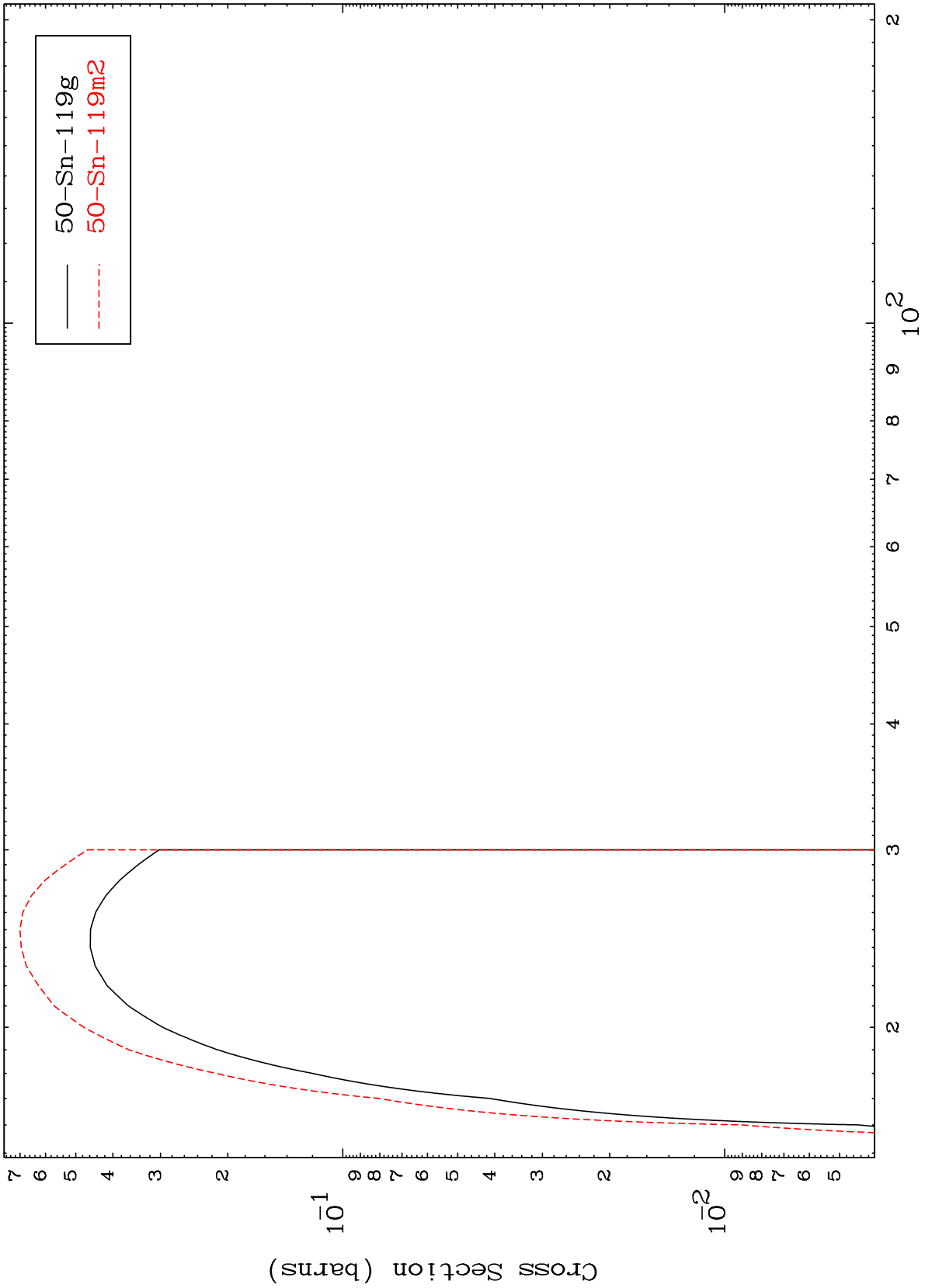
50-Sn-121

MAT 5052

(n,3n)

50-Sn-121

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

122

Incident Energy (MeV)

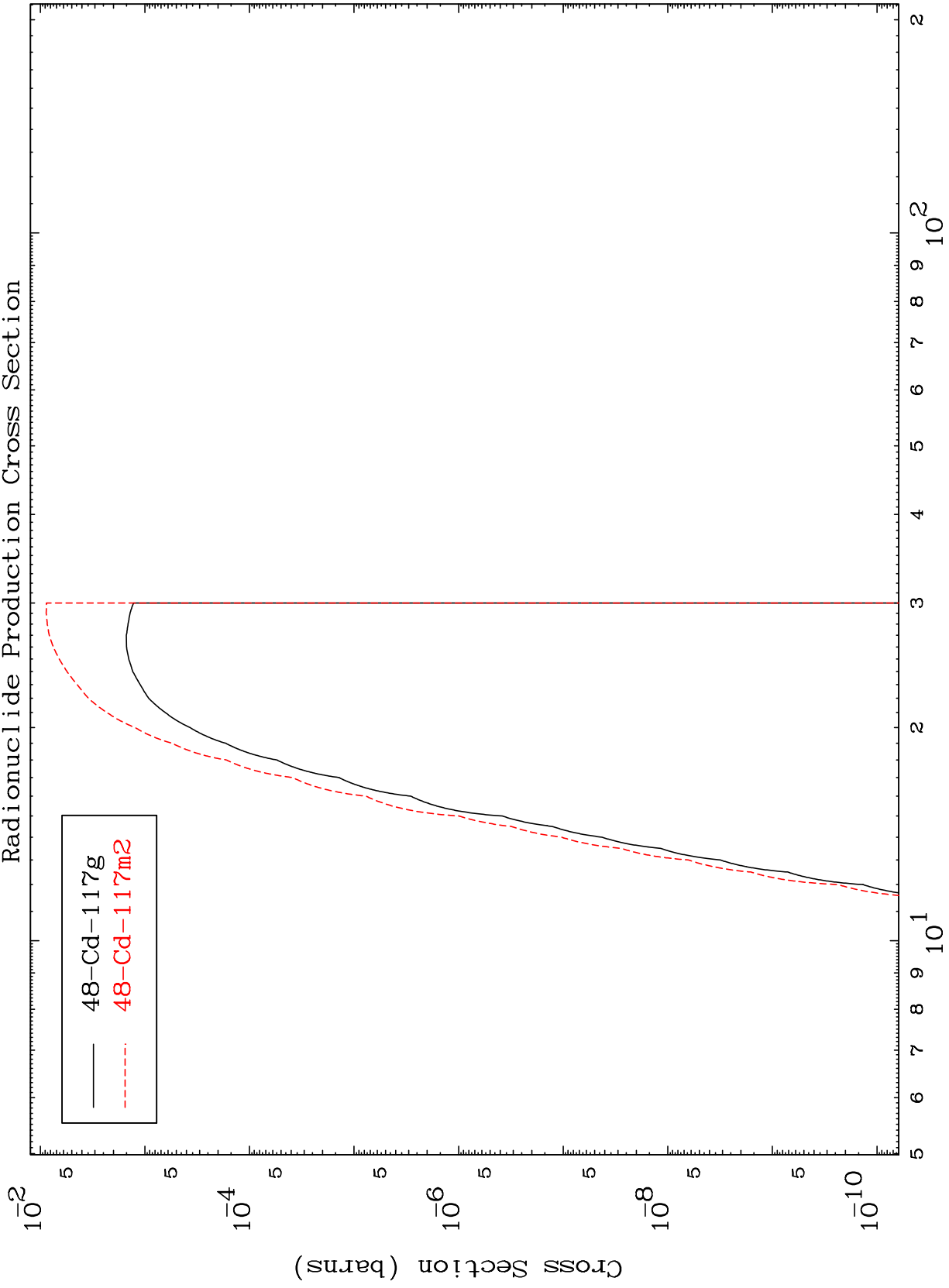
50-Sn-121

MAT 5052

(n,n') α

50-Sn-121

Radionuclide Production Cross Section



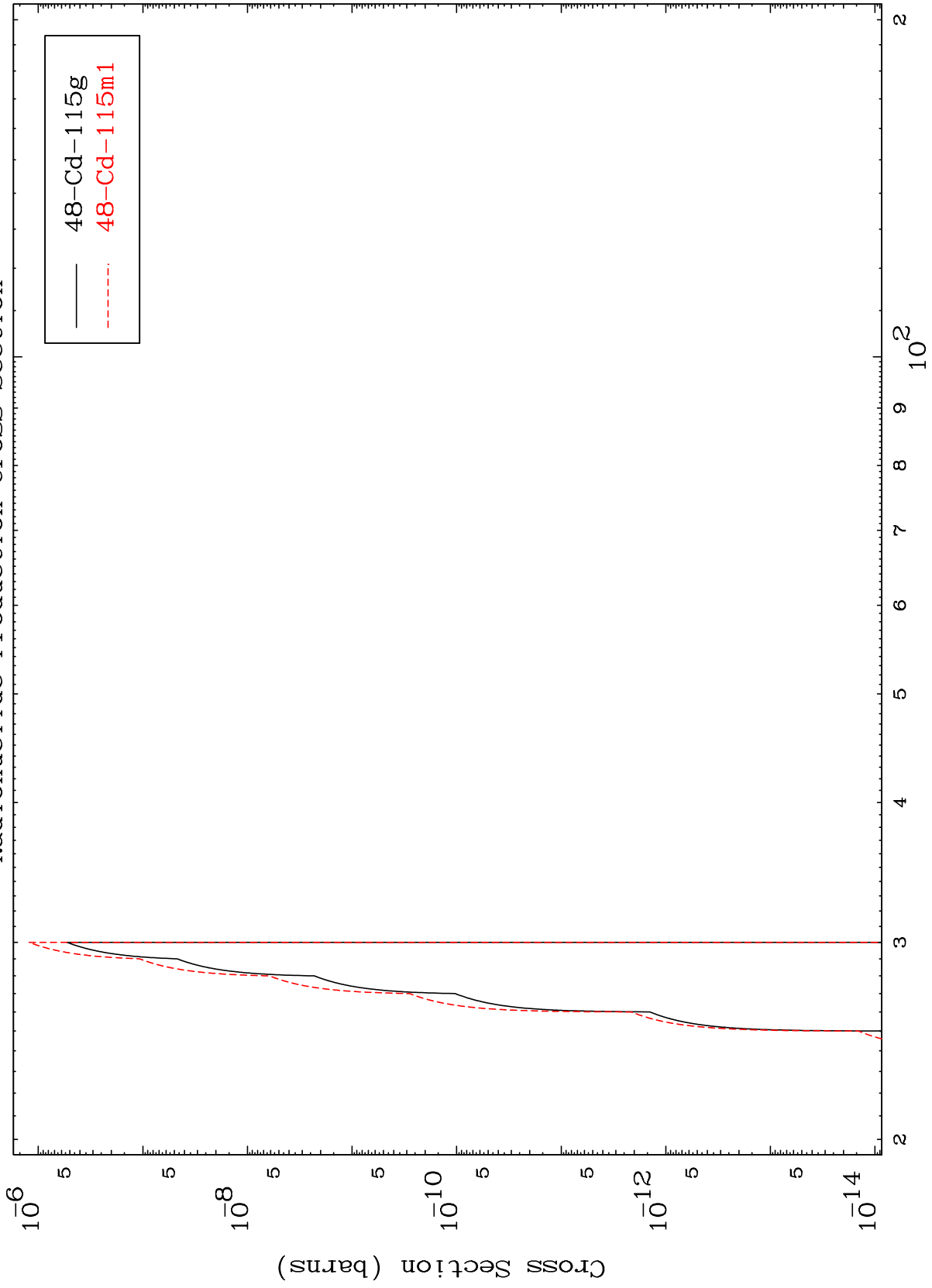
48-Cd-117g
48-Cd-117m2

MAT 5052

(n,3n) α

50-Sn-121

Radionuclide Production Cross Section



124

Incident Energy (MeV)

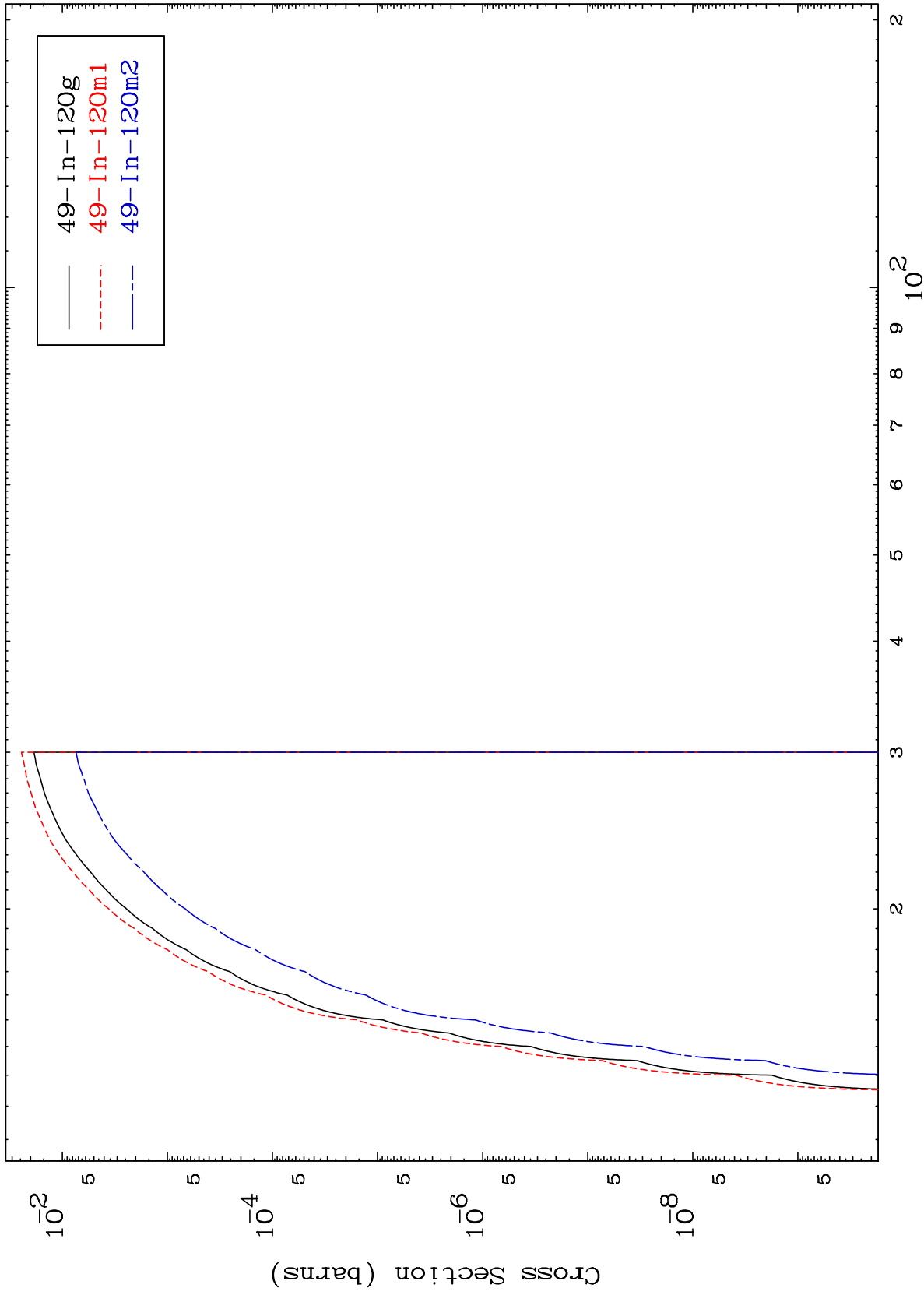
50-Sn-121

MAT 5052

(n,n') p

50-Sn-121

Radionuclide Production Cross Section



125

Incident Energy (MeV)

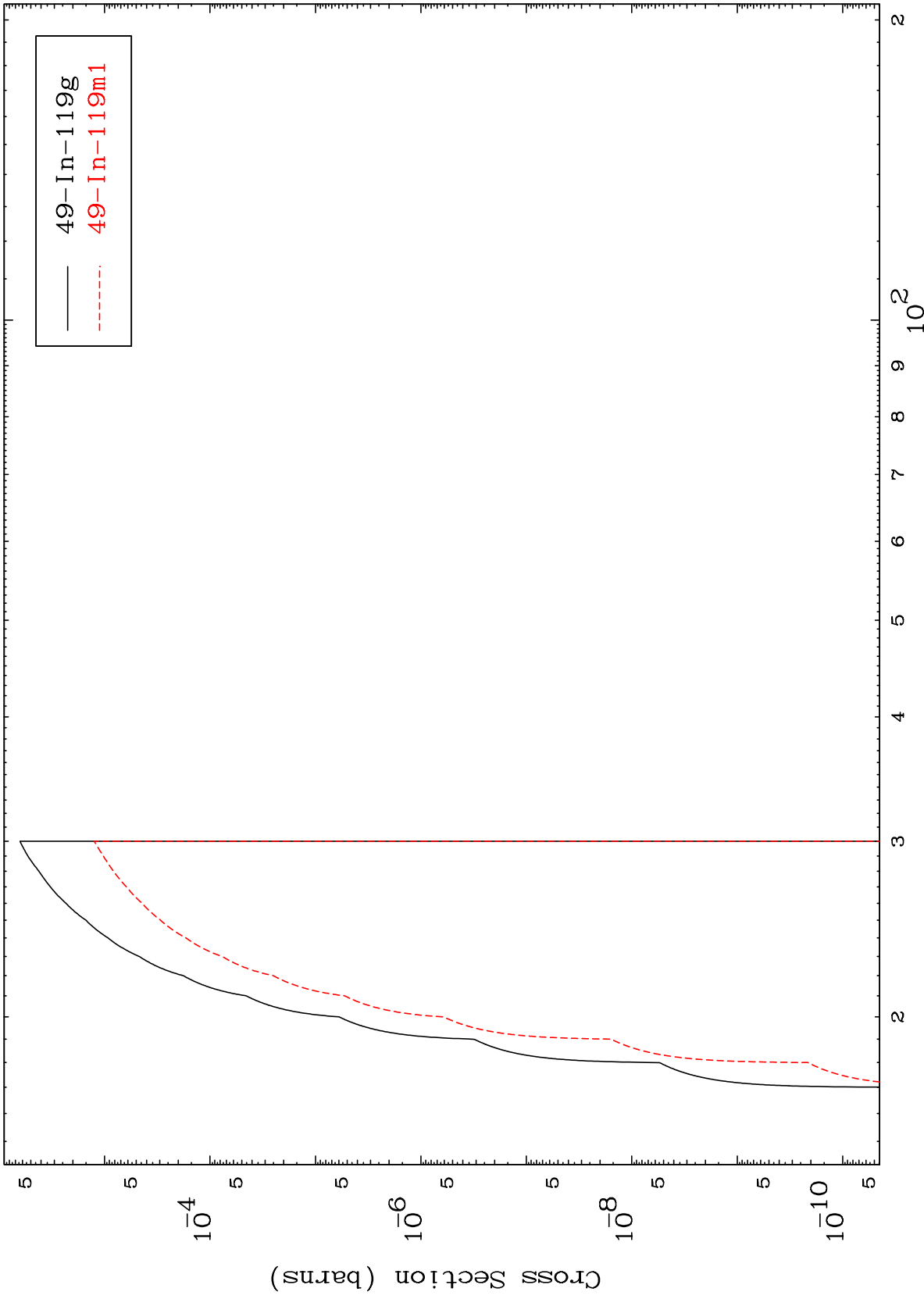
50-Sn-121

MAT 5052

(n,n') d

50-Sn-121

Radionuclide Production Cross Section



126

Incident Energy (MeV)

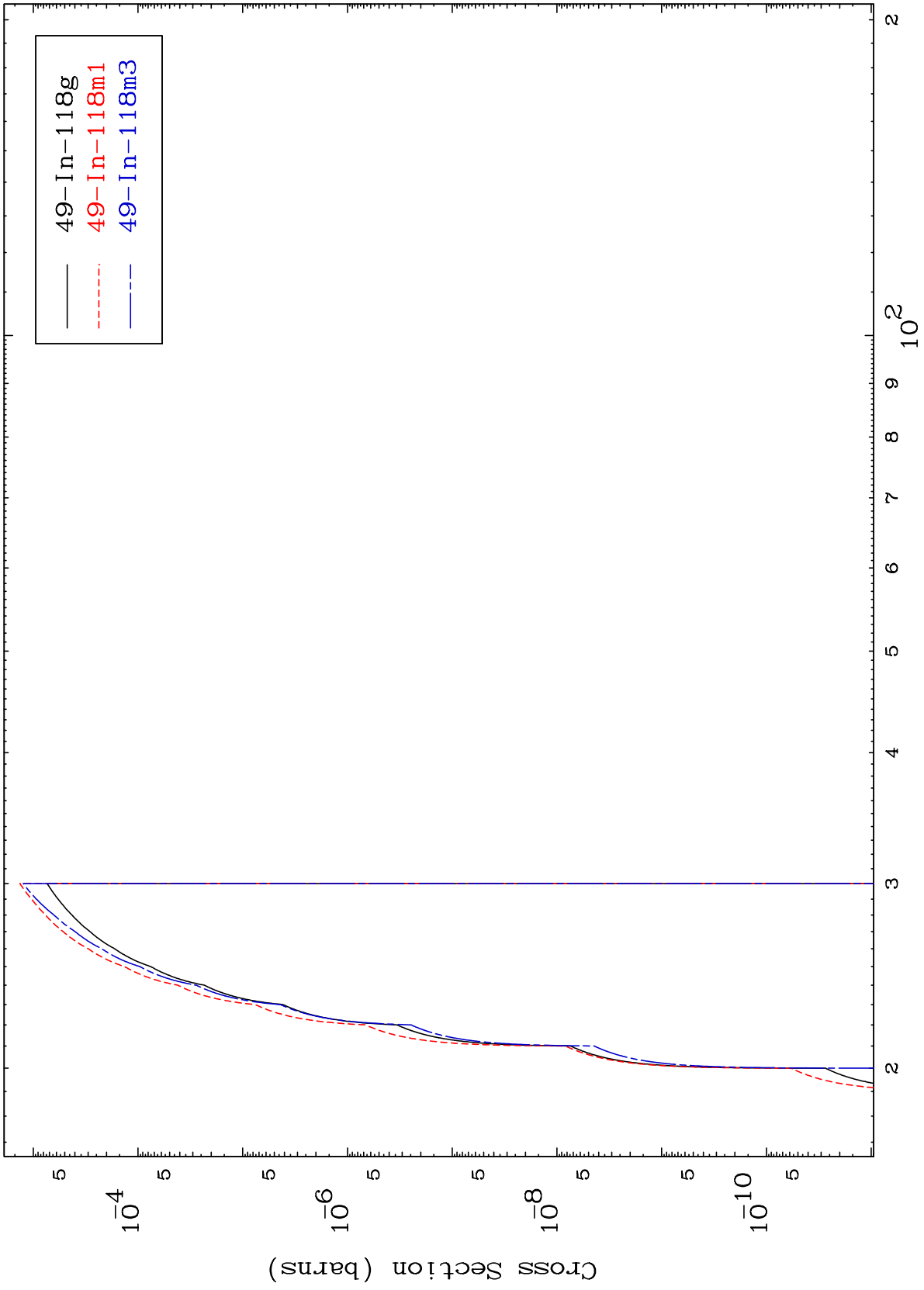
50-Sn-121

MAT 5052

(n,n') t

50-Sn-121

Radionuclide Production Cross Section



127

Incident Energy (MeV)

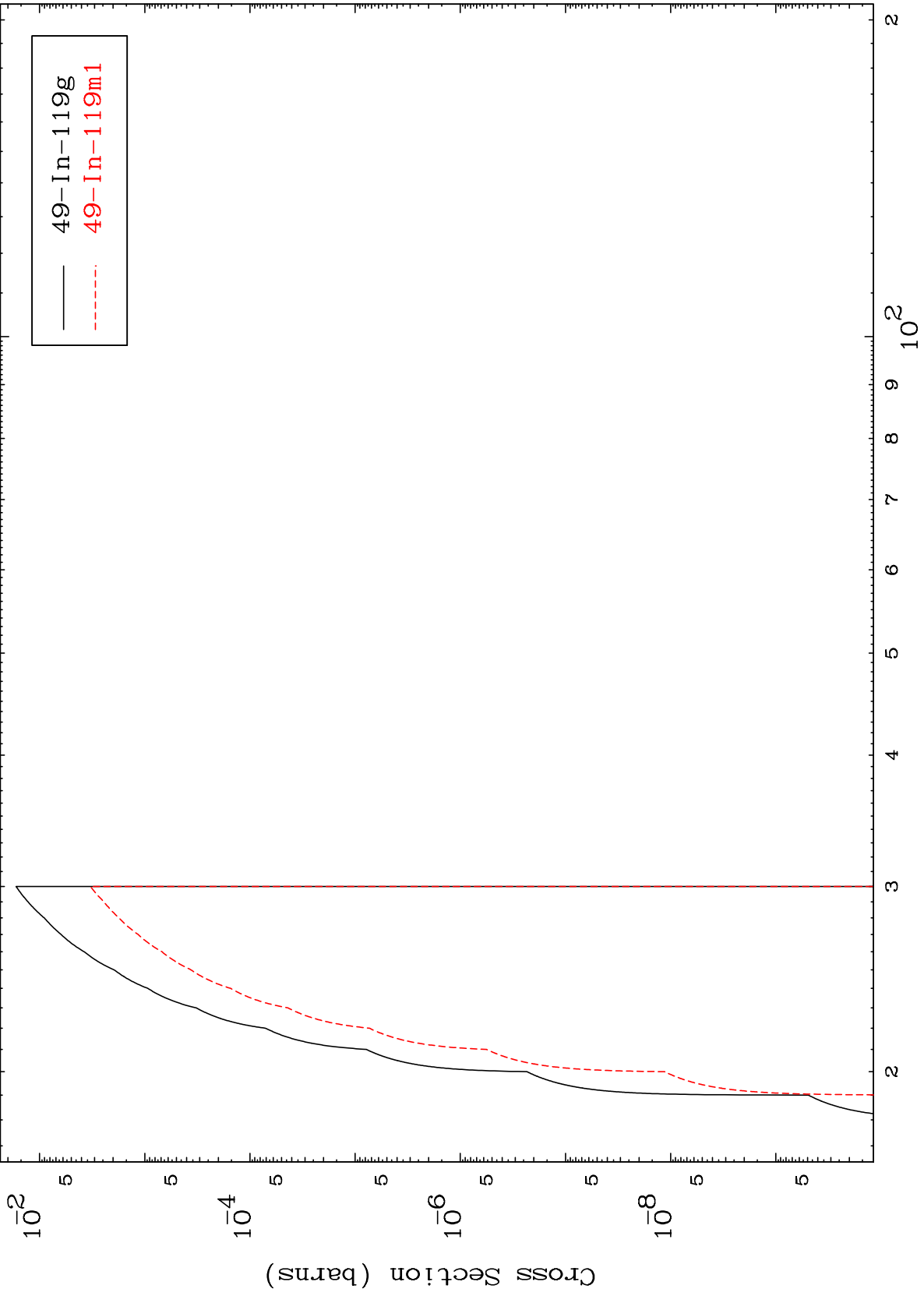
50-Sn-121

MAT 5052

(n,2n) p

50-Sn-121

Radionuclide Production Cross Section



128

Incident Energy (MeV)

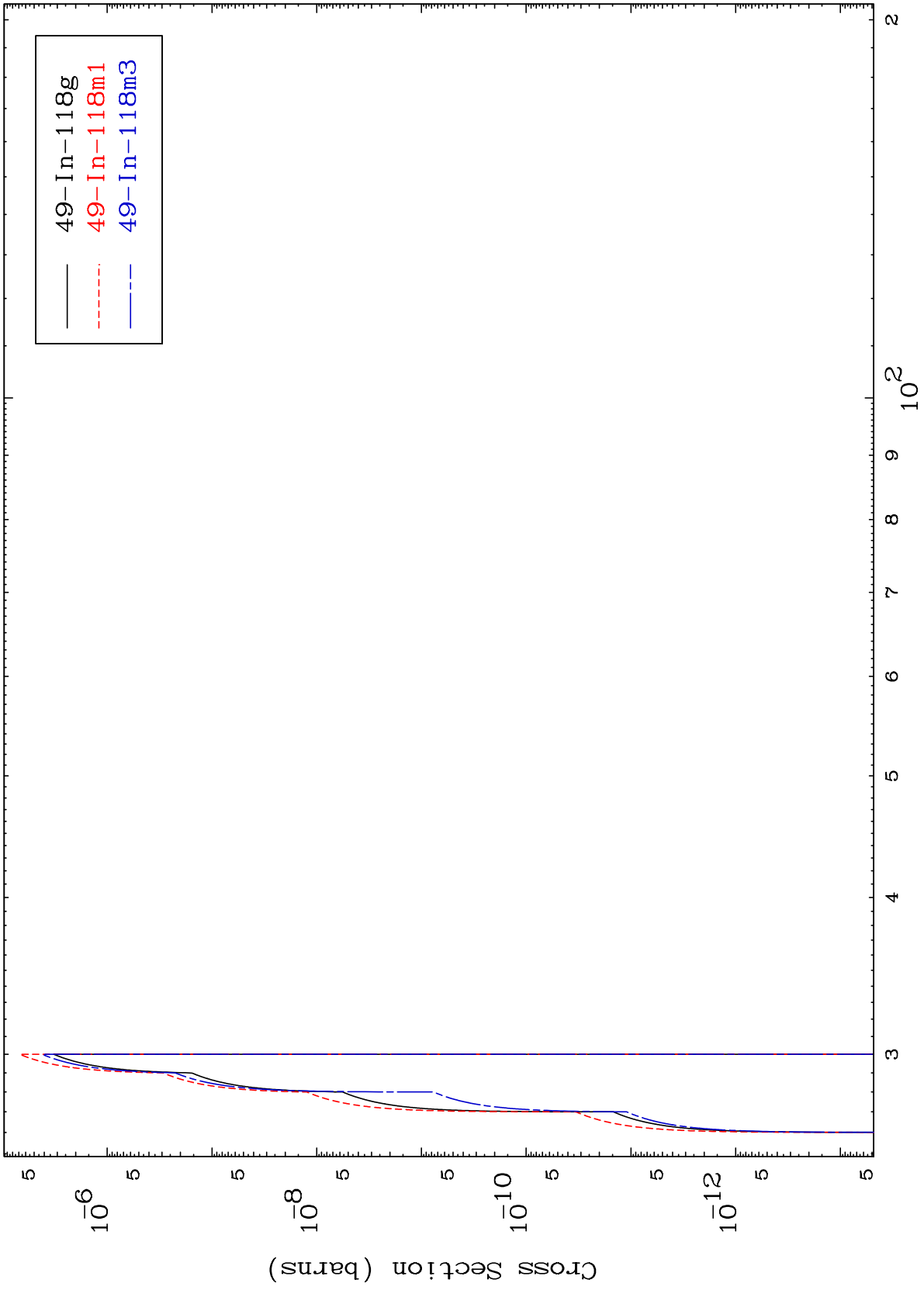
50-Sn-121

MAT 5052

(n,3n) p

50-Sn-121

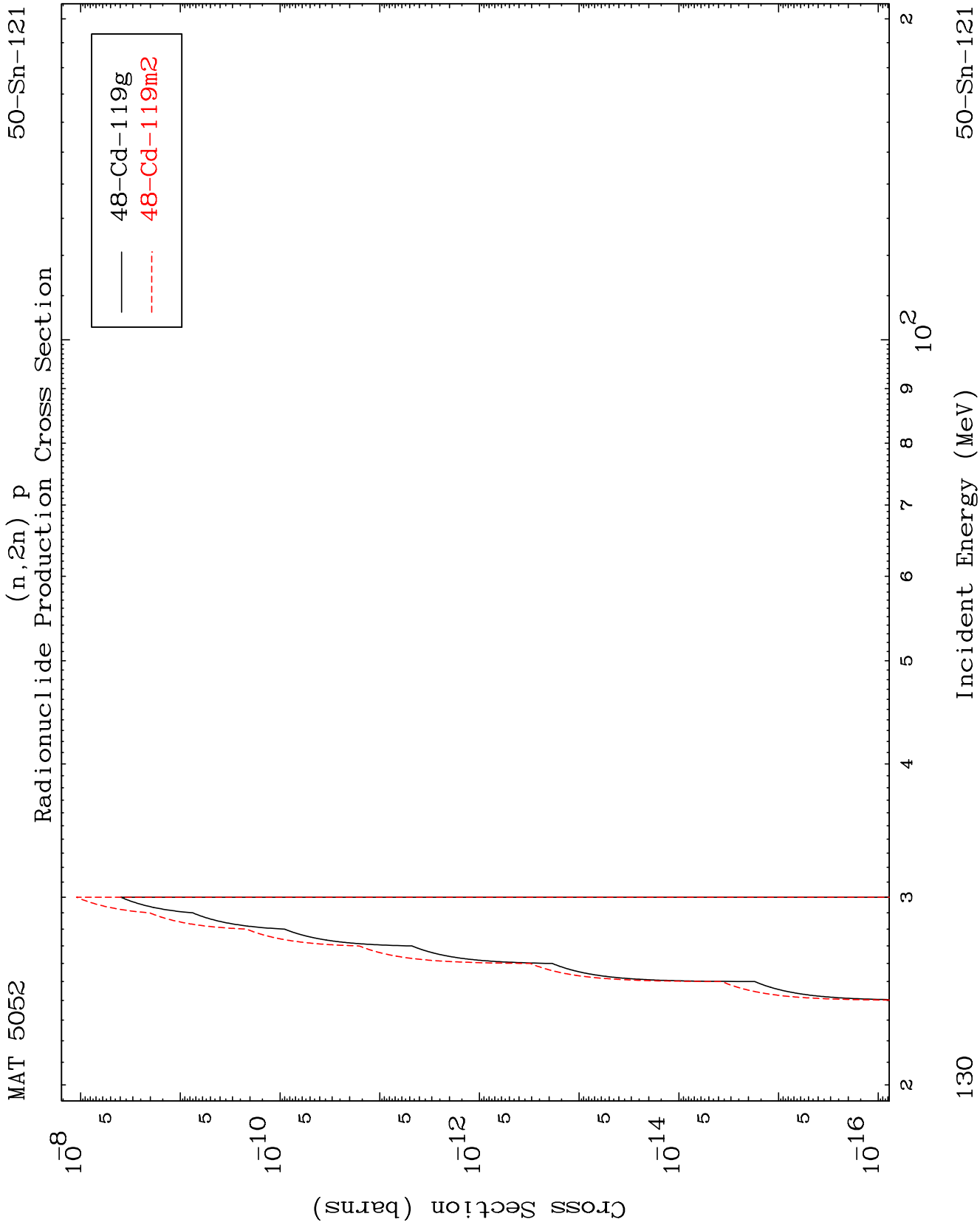
Radionuclide Production Cross Section



129

Incident Energy (MeV)

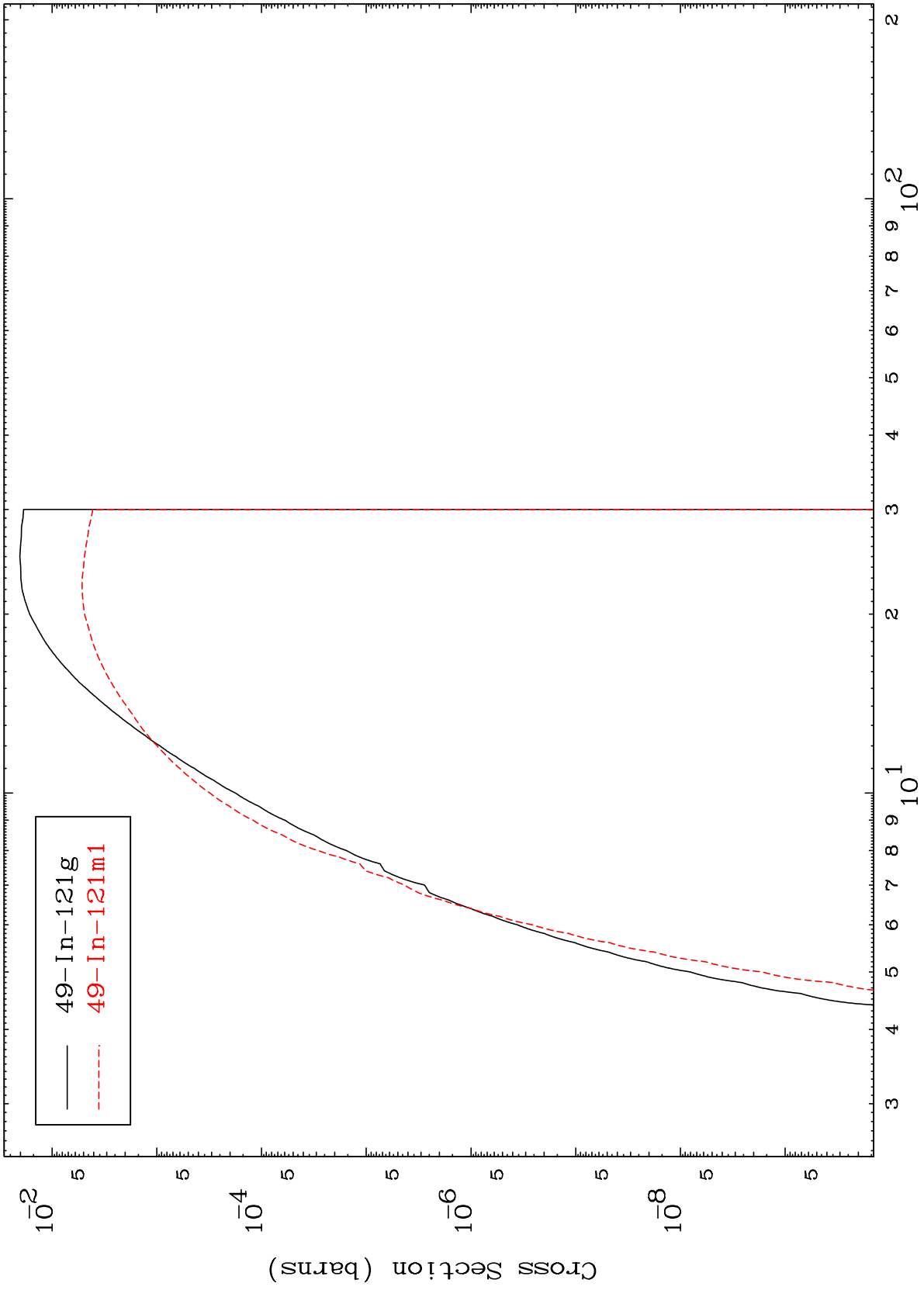
50-Sn-121



MAT 5052

(n,p)
Radionuclide Production Cross Section

50-Sn-121



131

Incident Energy (MeV)

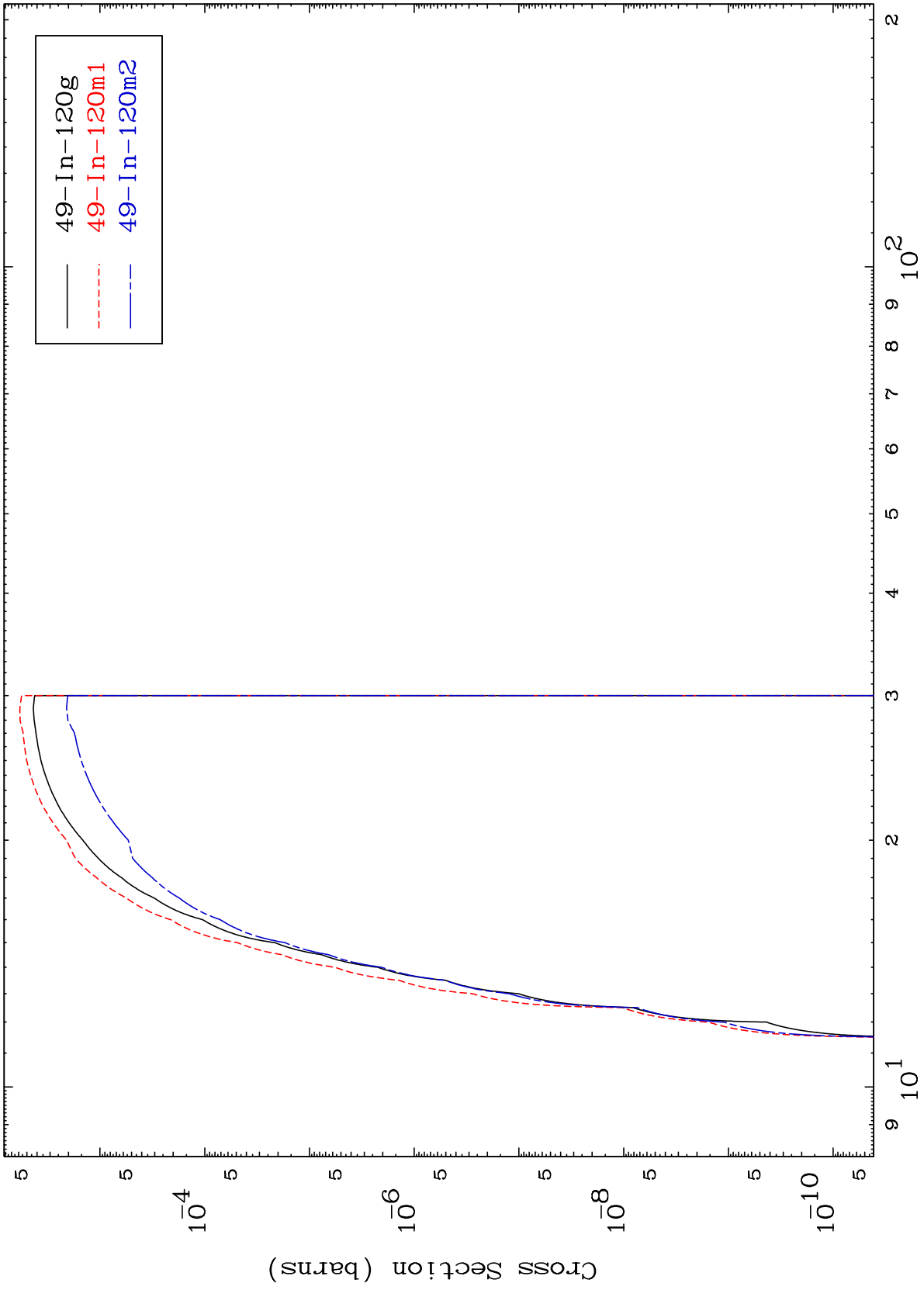
50-Sn-121

MAT 5052

(n,d)

50-Sn-121

Radionuclide Production Cross Section



132

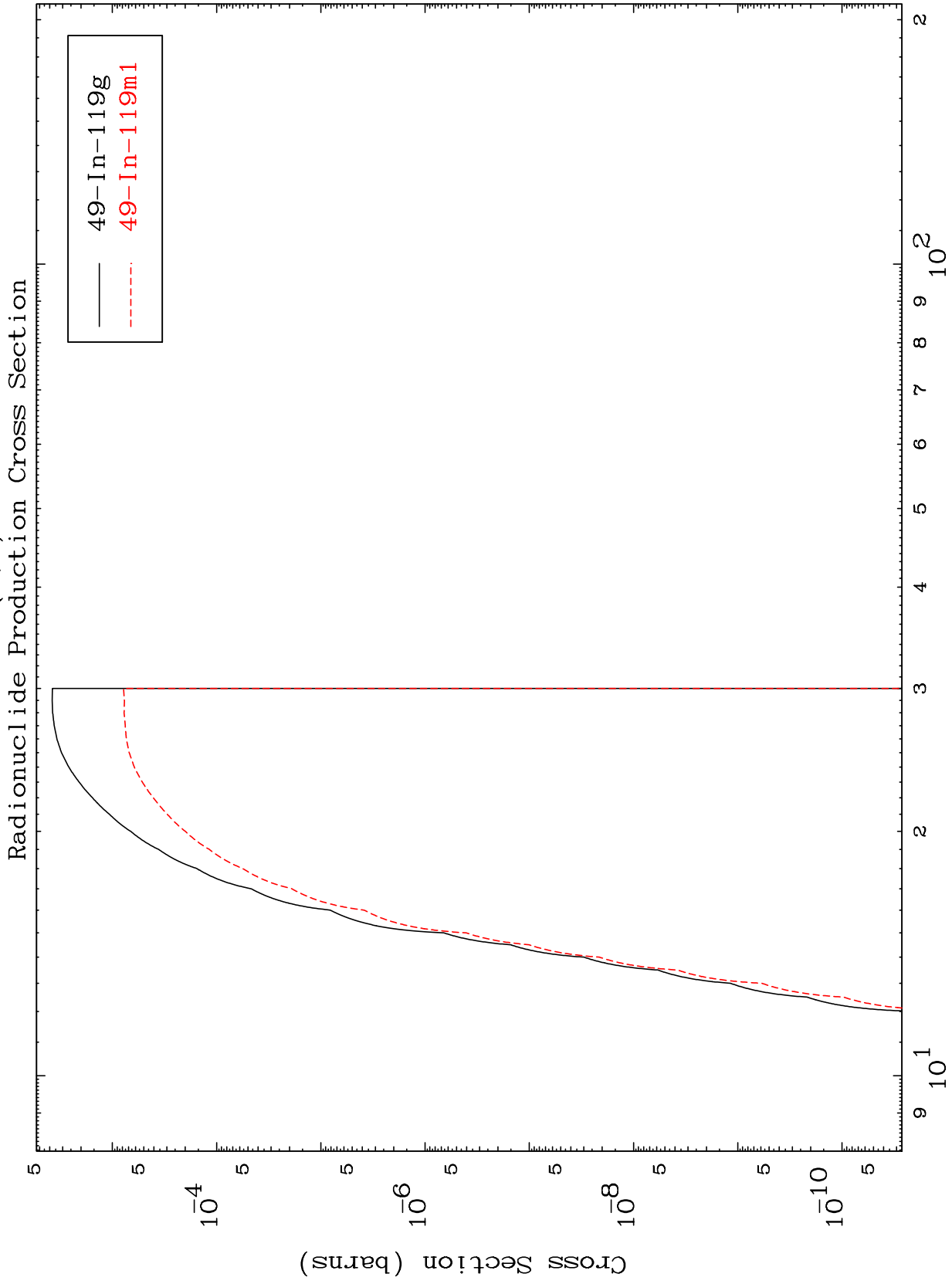
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n, t)

50-Sn-121



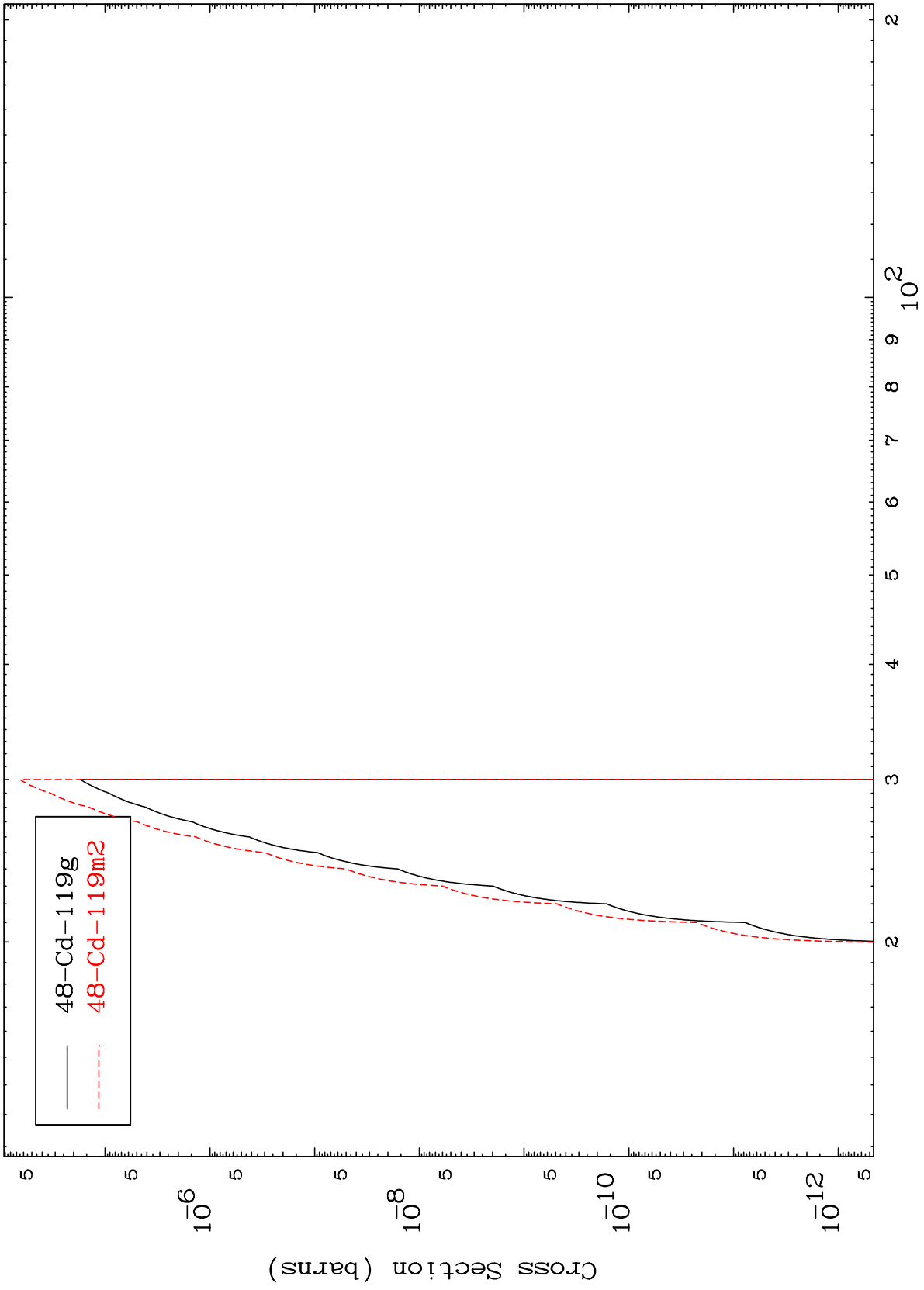
133

MAT 5052

(n, He-3)

50-Sn-121

Radionuclide Production Cross Section



134

Incident Energy (MeV)

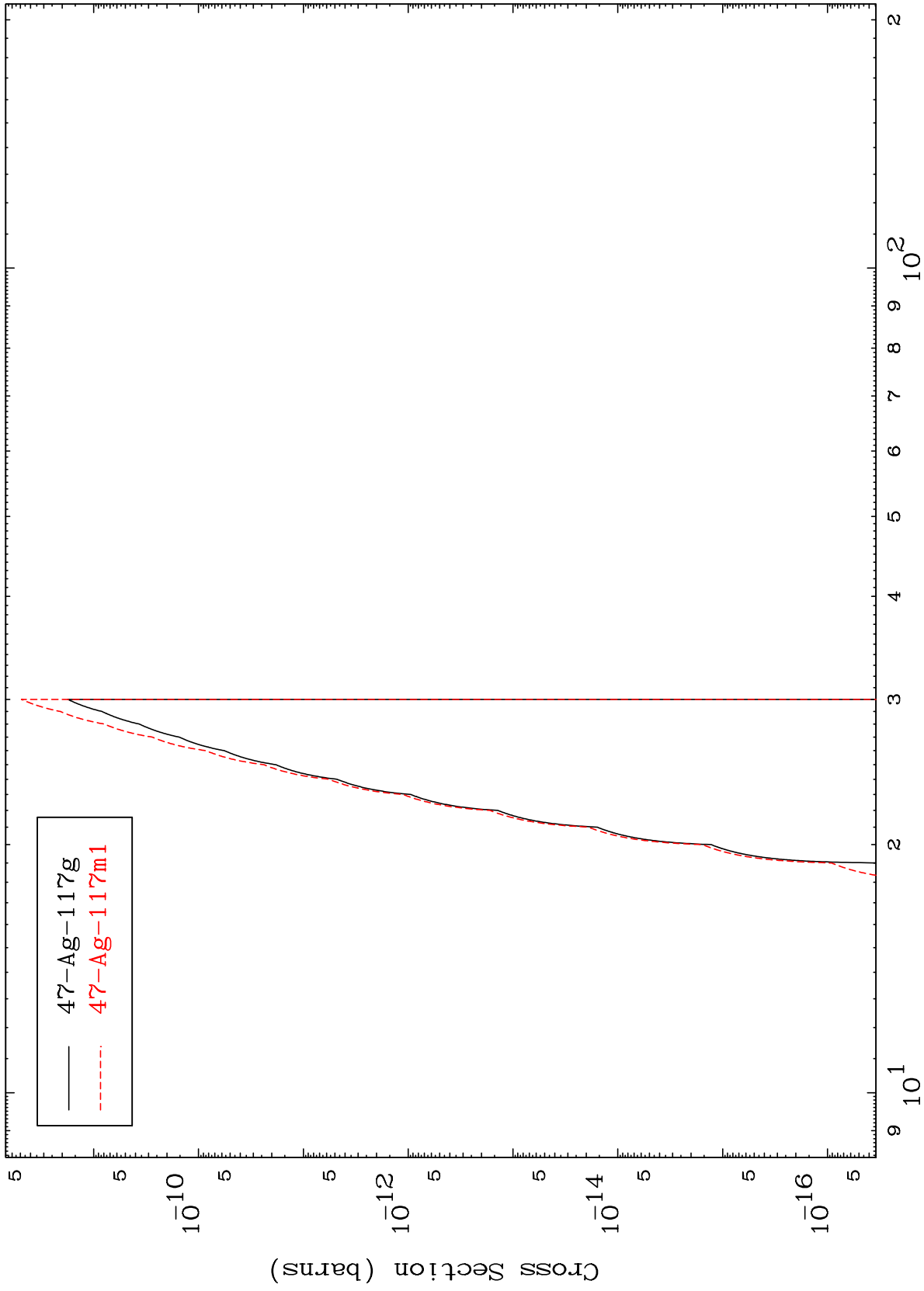
50-Sn-121

MAT 5052

(n,p) α

50-Sn-121

Radionuclide Production Cross Section



135

Incident Energy (MeV)

50-Sn-121