

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

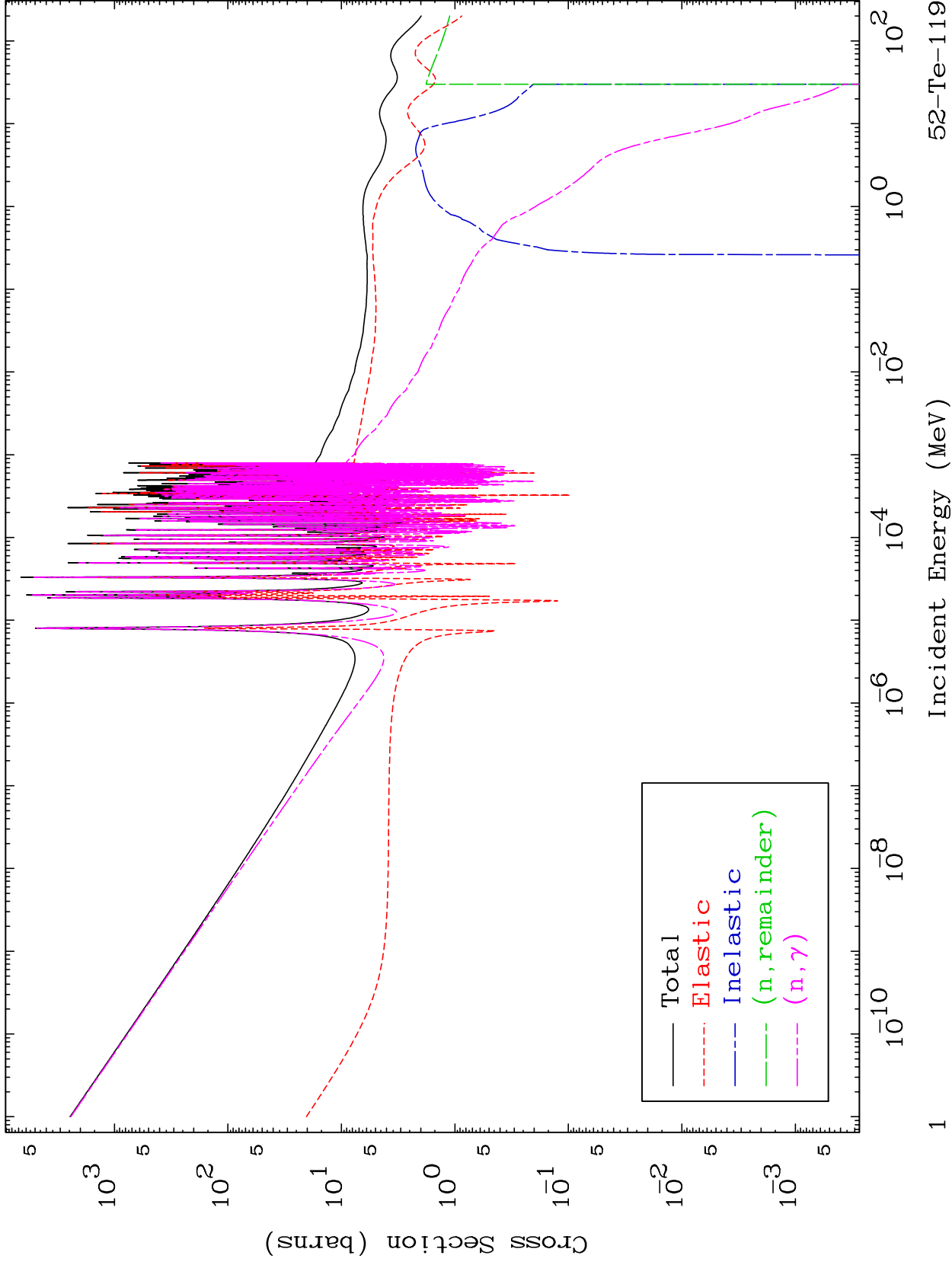
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5222

Major
293 Kelvin Cross Sections

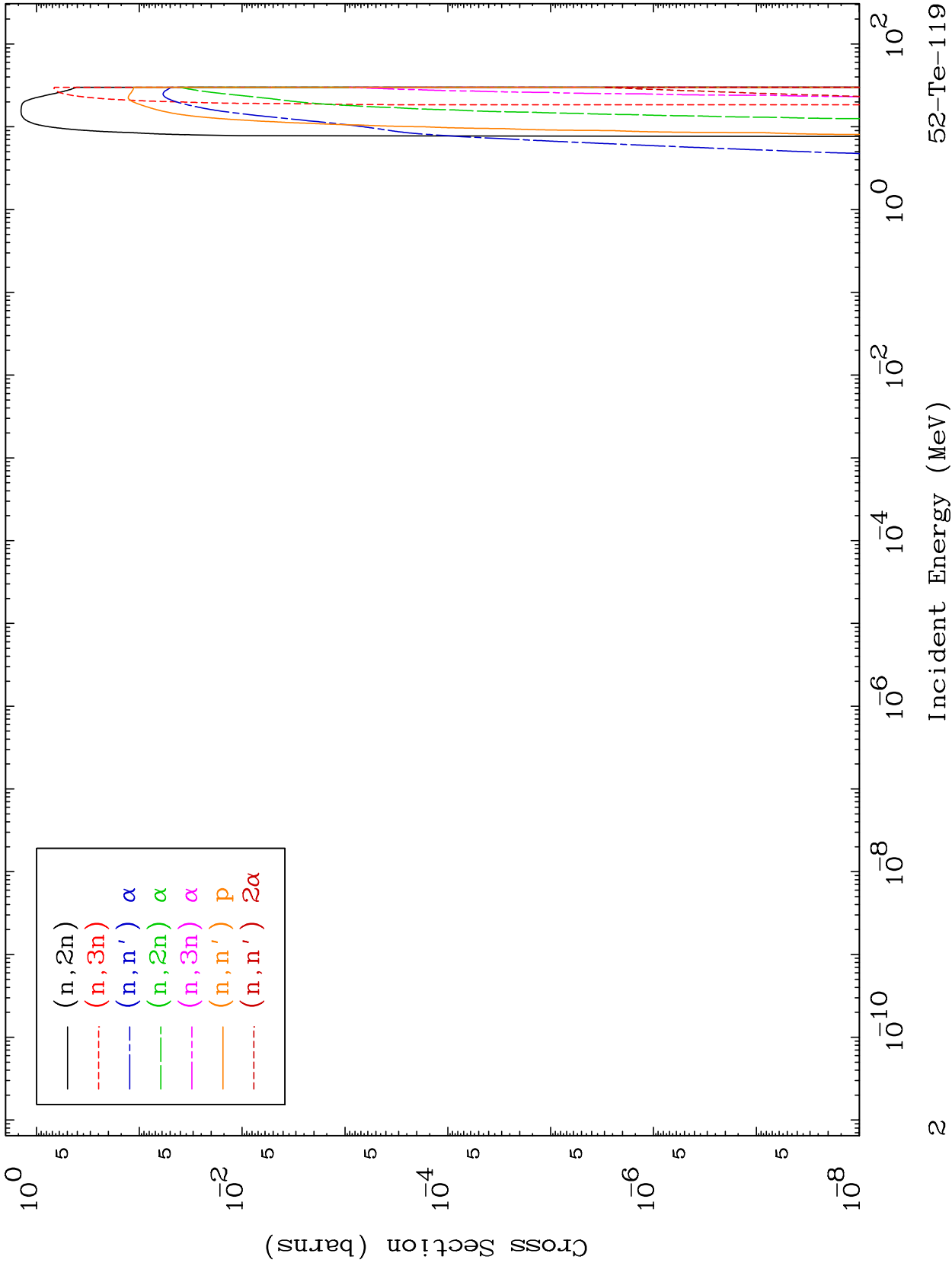
52-Te-119

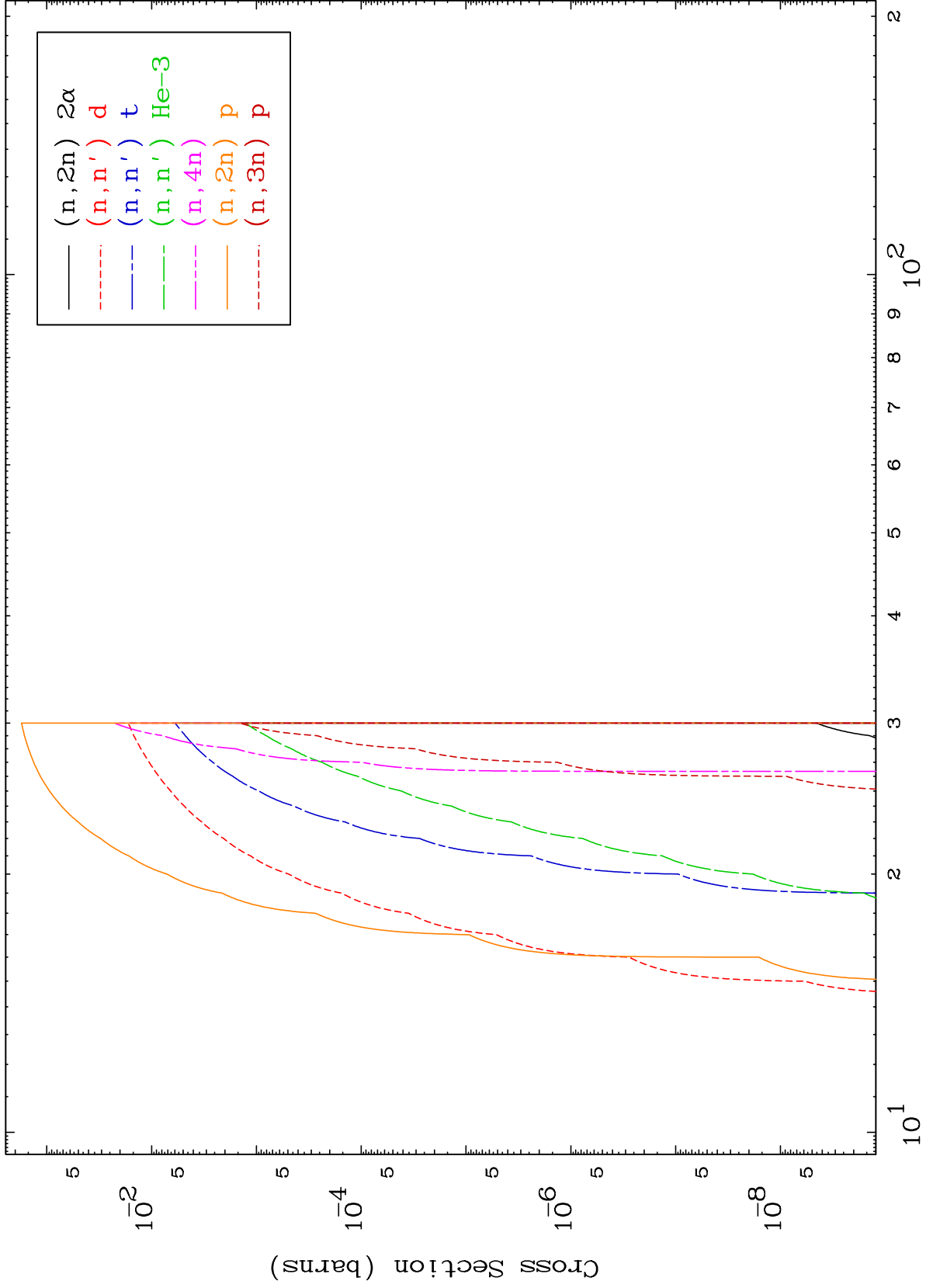


MAT 5222

Neutron Production
293 Kelvin Cross Sections

52-Te-119

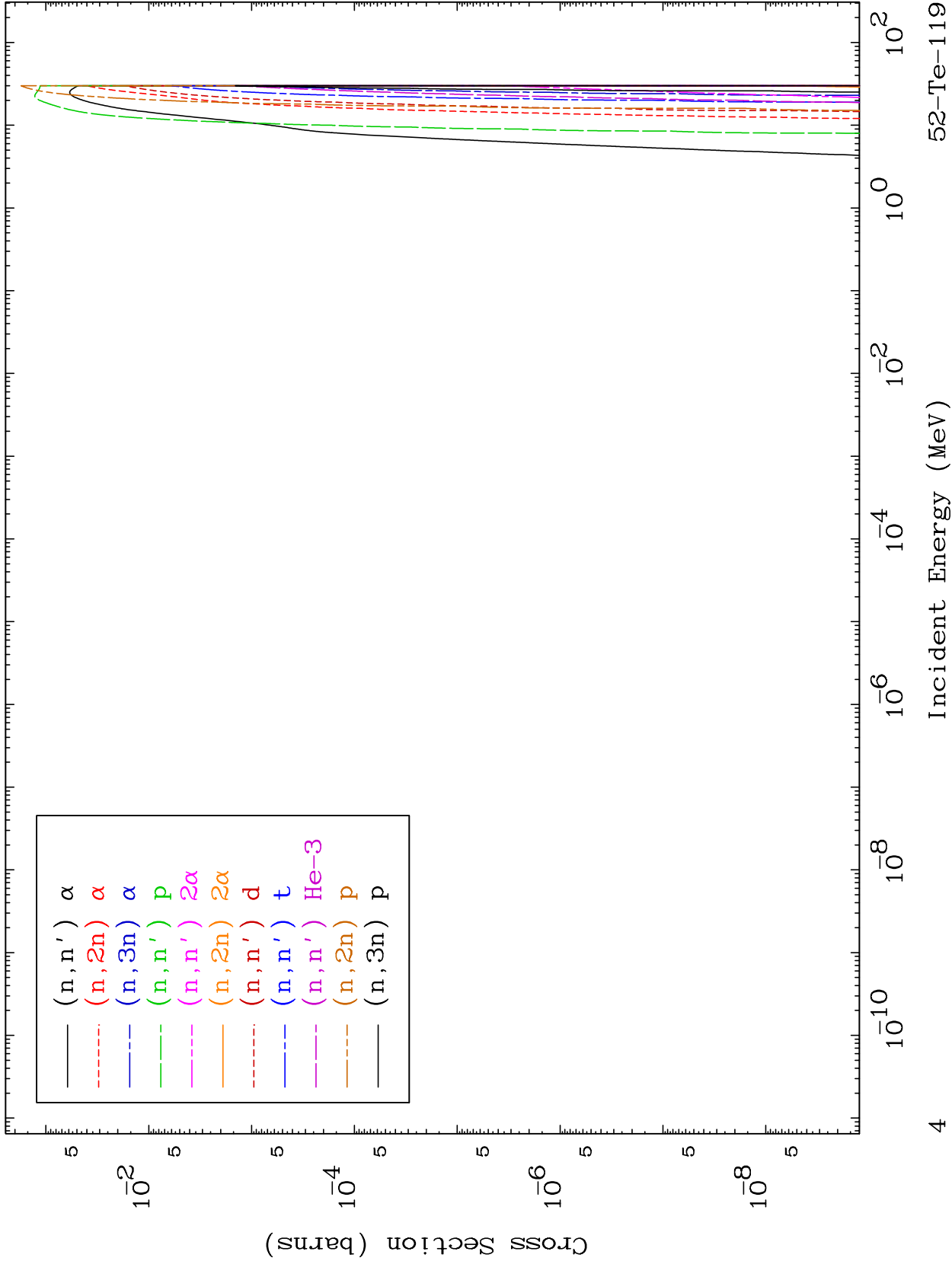




MAT 5222

Charged Particle
293 Kelvin Cross Sections

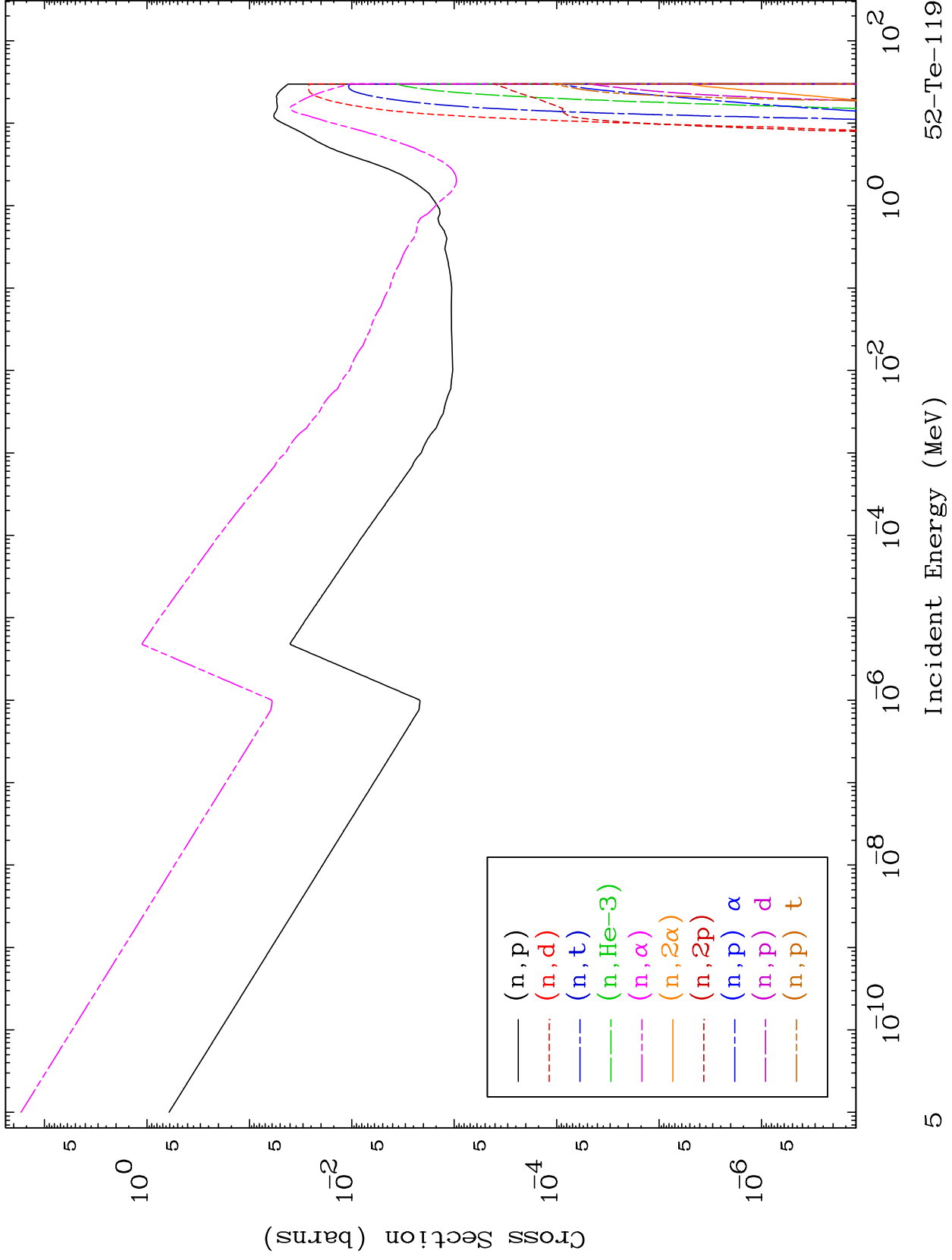
52-Te-119



MAT 5222

Charged Particle
293 Kelvin Cross Sections

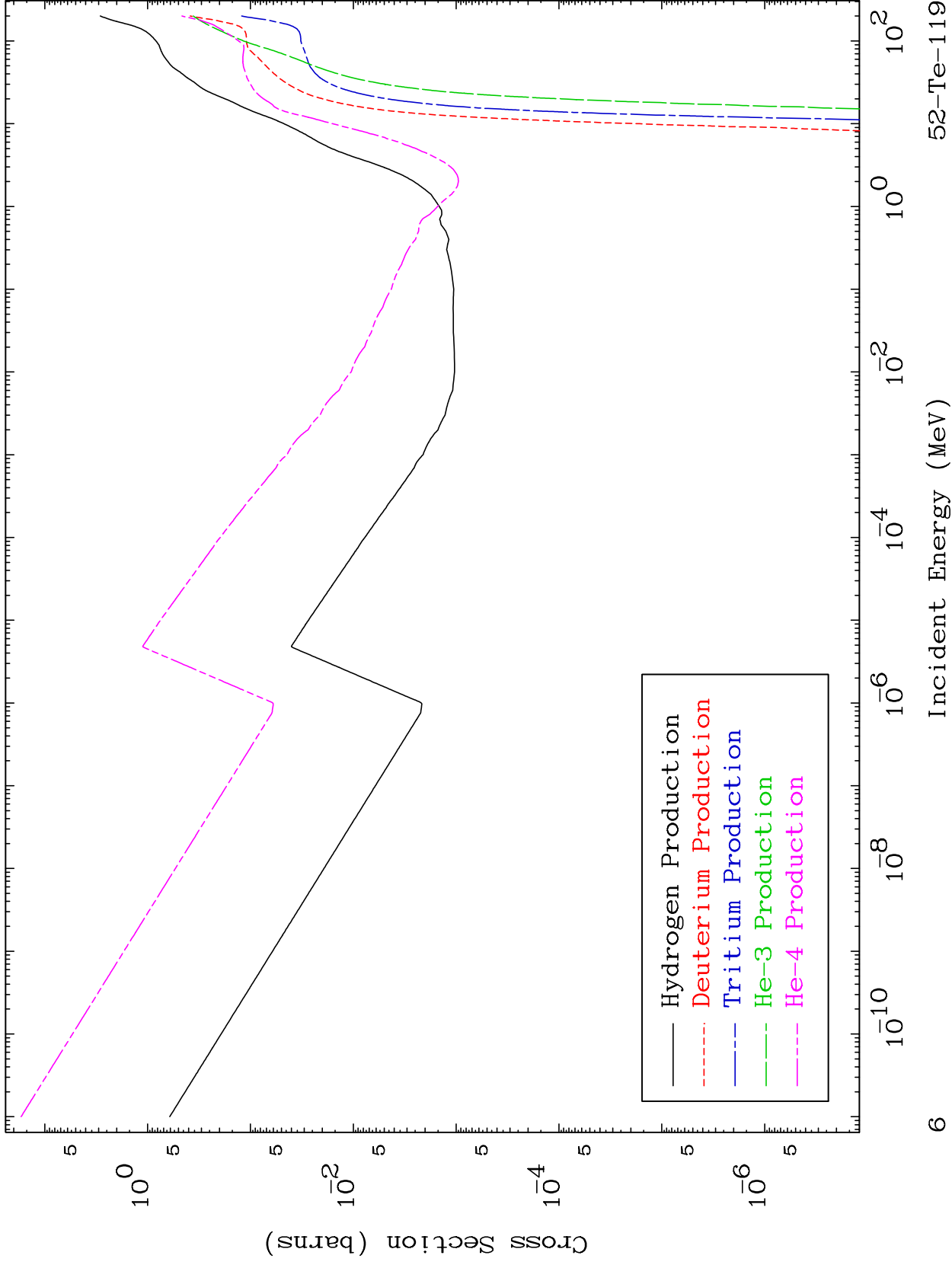
52-Te-119

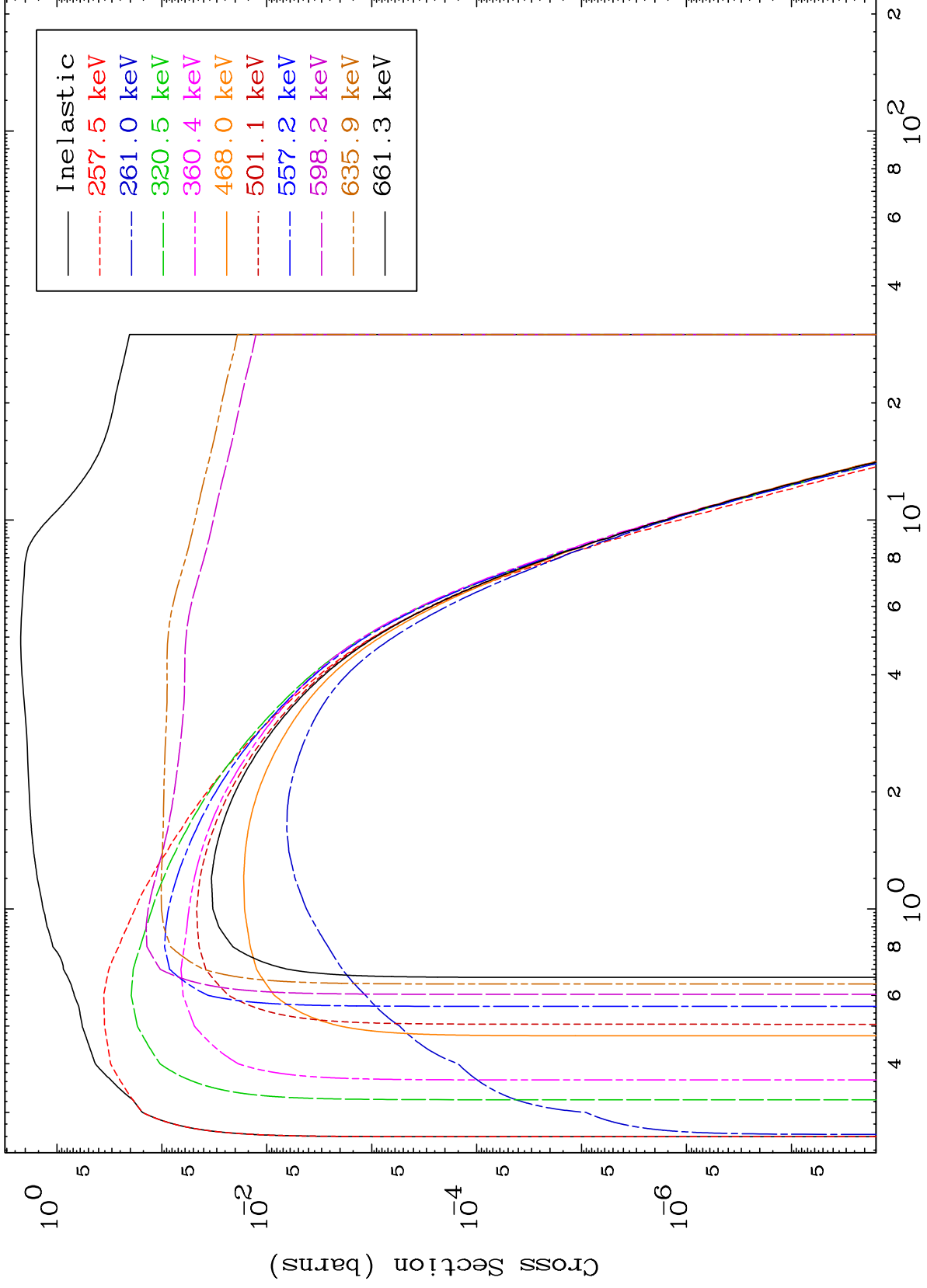


MAT 5222

Particle Production
293 Kelvin Cross Sections

52-Te-119

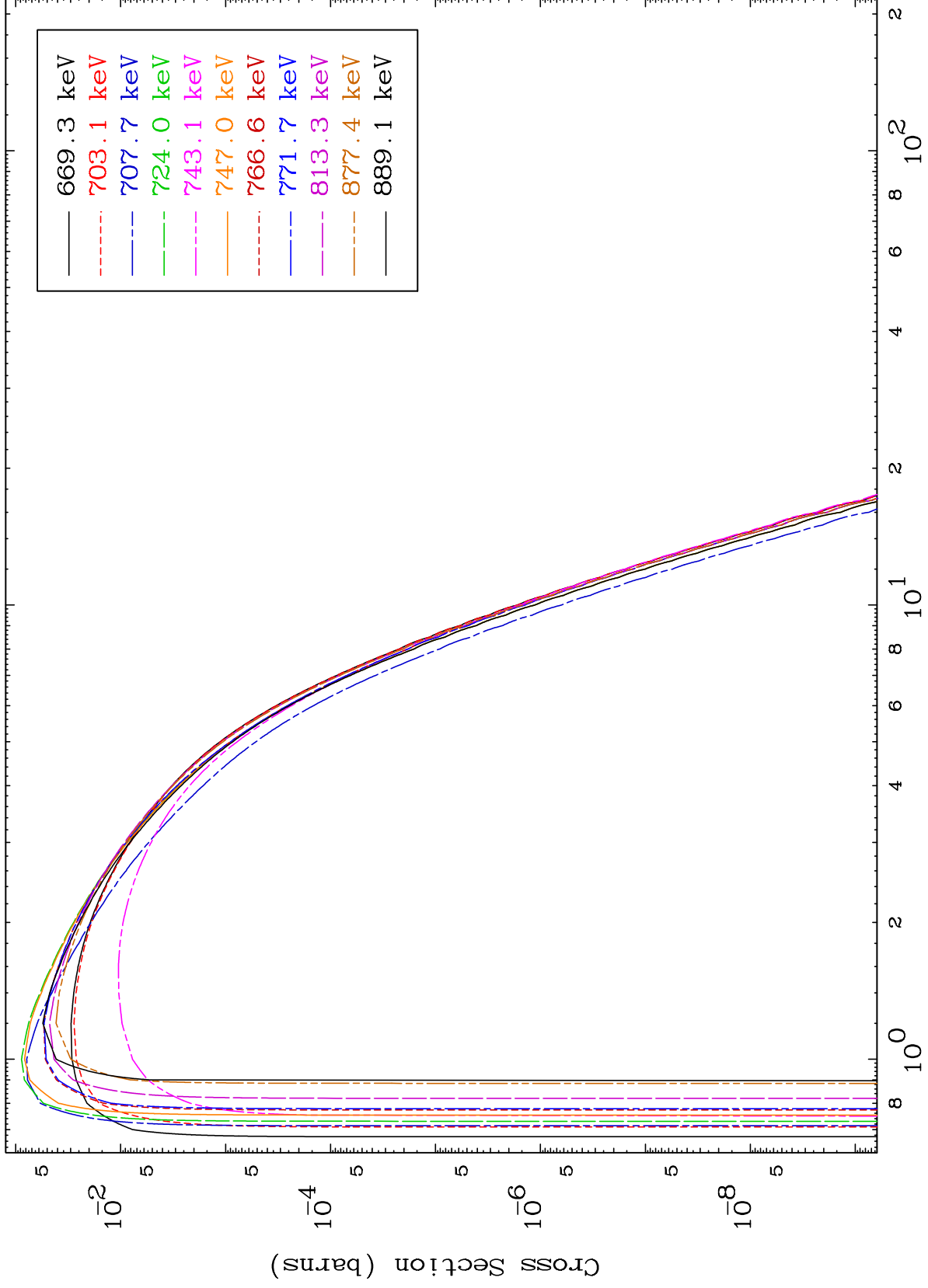




MAT 5222

(n,n') Level
293 Kelvin Cross Sections

52-Te-119



8

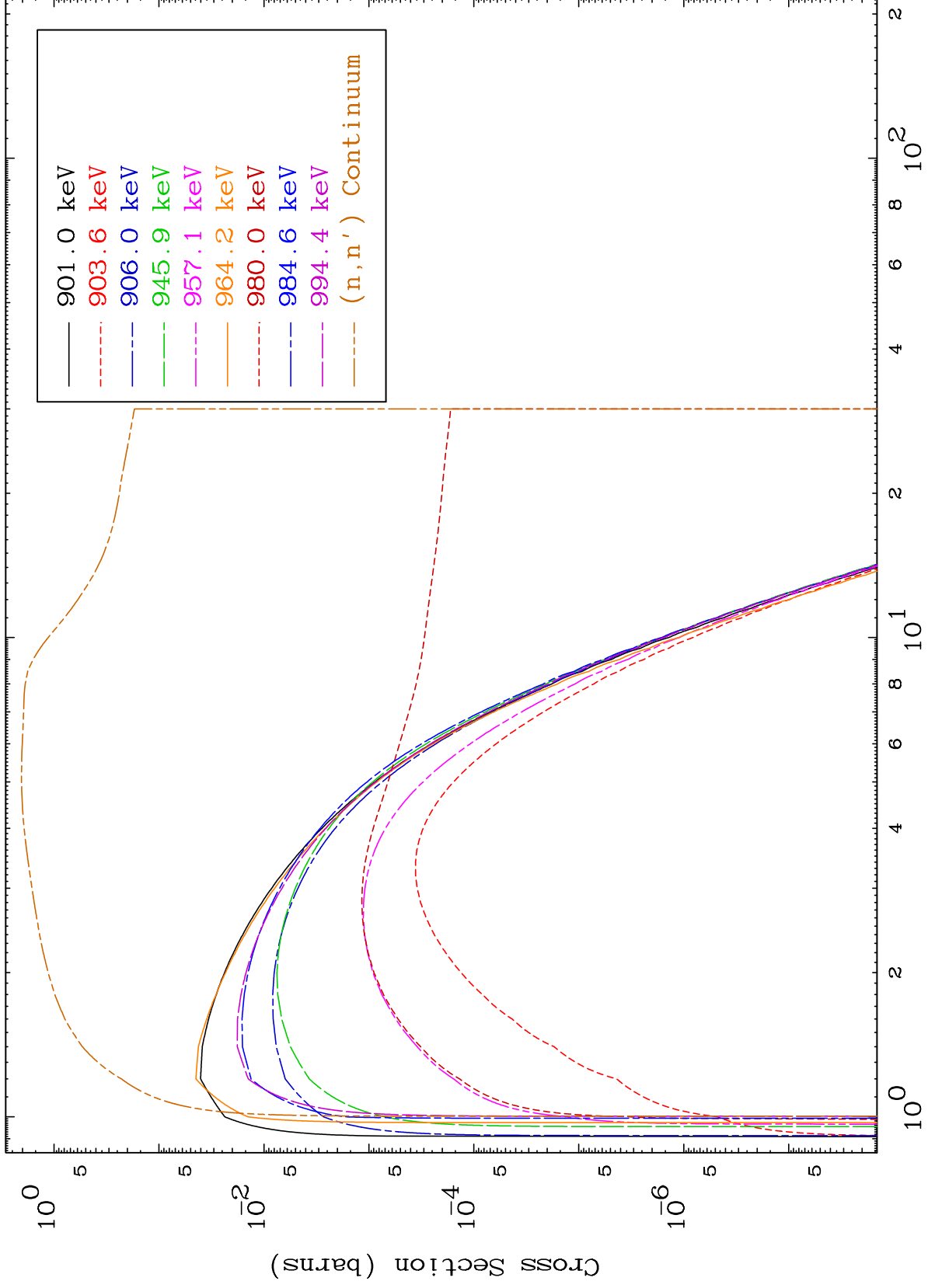
Incident Energy (MeV)

52-Te-119

MAT 5222

(n,n') Level
293 Kelvin Cross Sections

52-Te-119



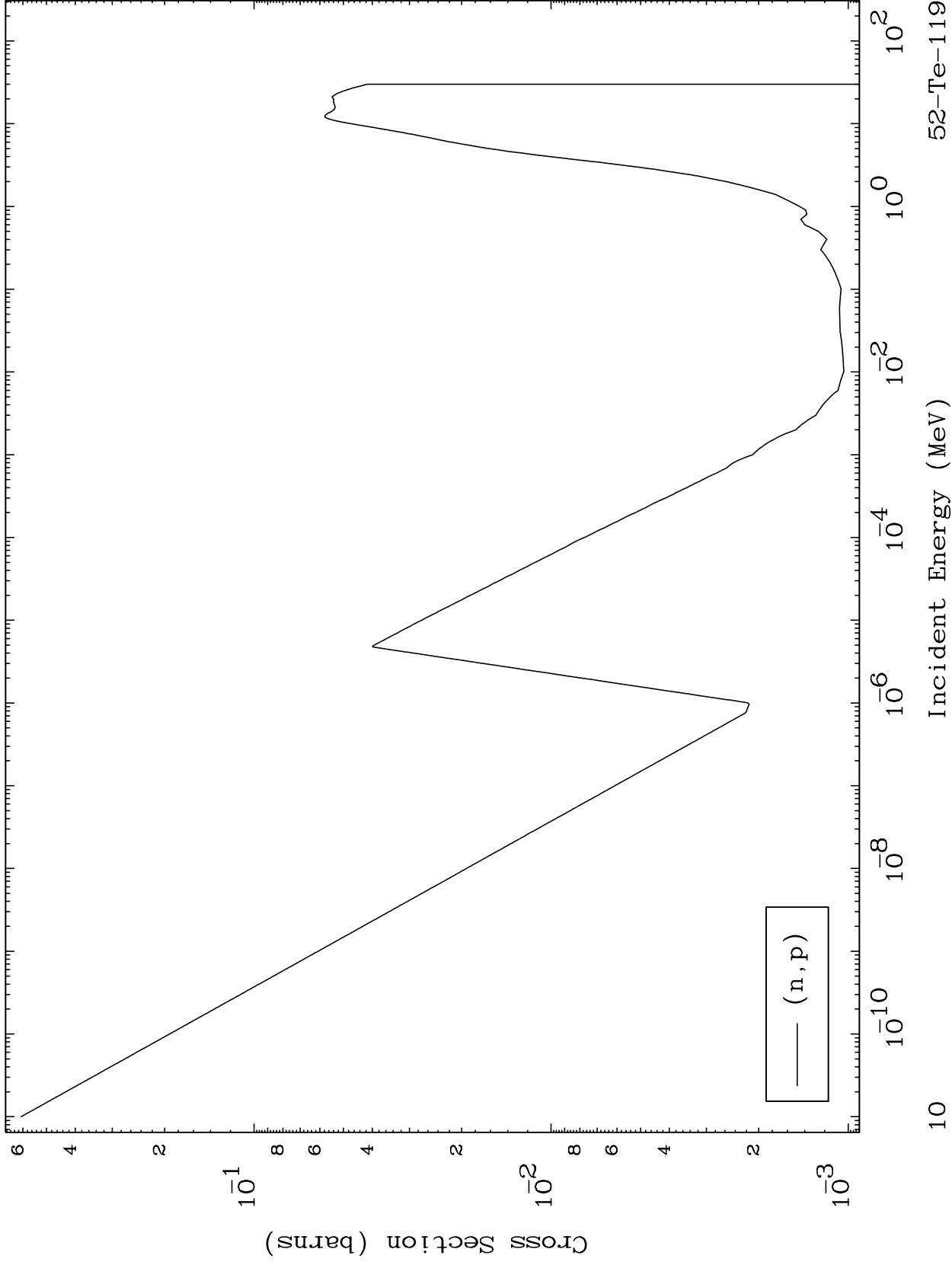
Incident Energy (MeV)

52-Te-119

MAT 5222

(n,p) Levels
293 Kelvin Cross Sections

52-Te-119



10

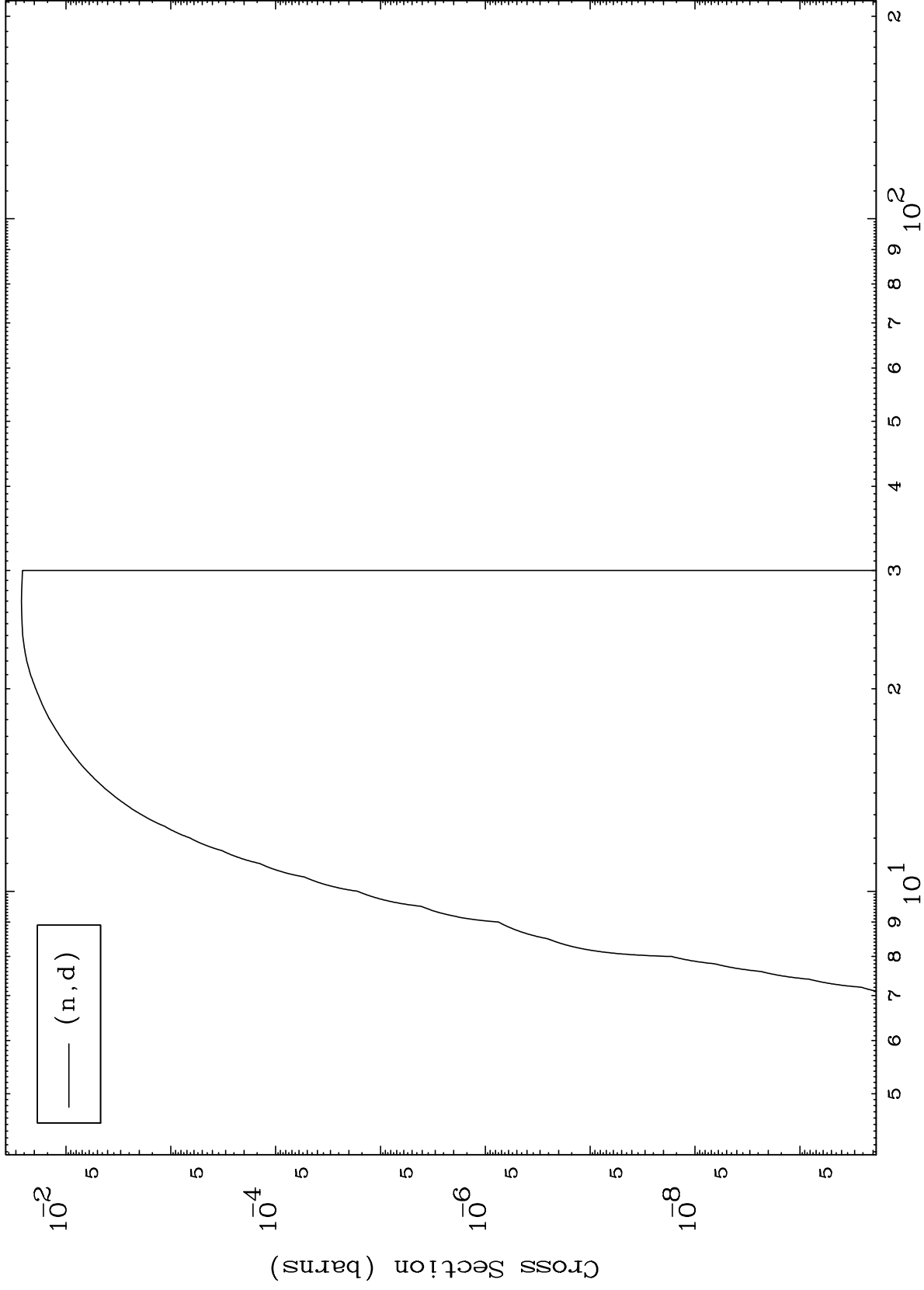
Incident Energy (MeV)

52-Te-119

MAT 5222

(n,d) Levels
293 Kelvin Cross Sections

52-Te-119



11

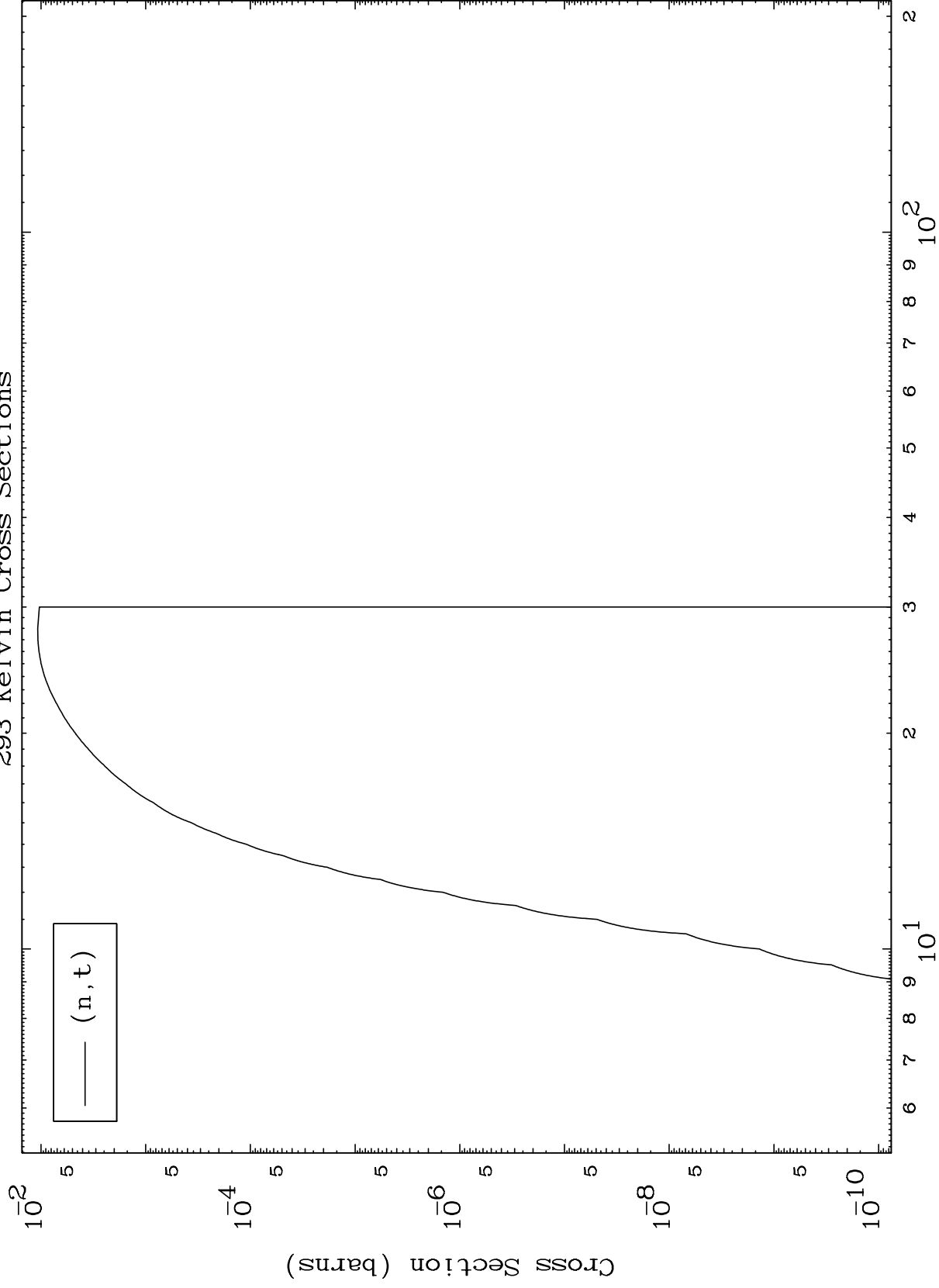
Incident Energy (MeV)

52-Te-119

MAT 5222

(n,t) Levels
293 Kelvin Cross Sections

52-Te-119



12

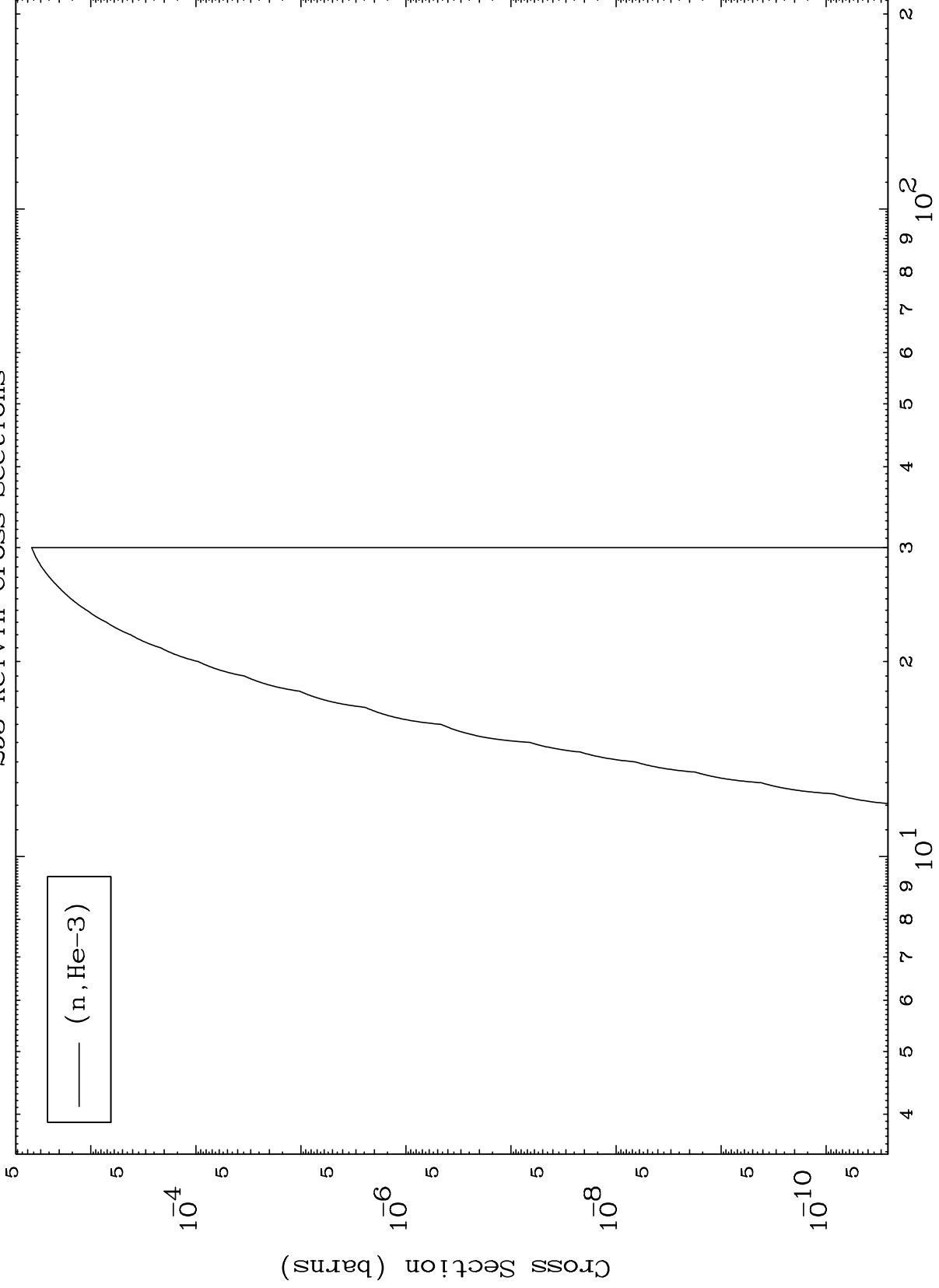
Incident Energy (MeV)

52-Te-119

MAT 5222

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-119



13

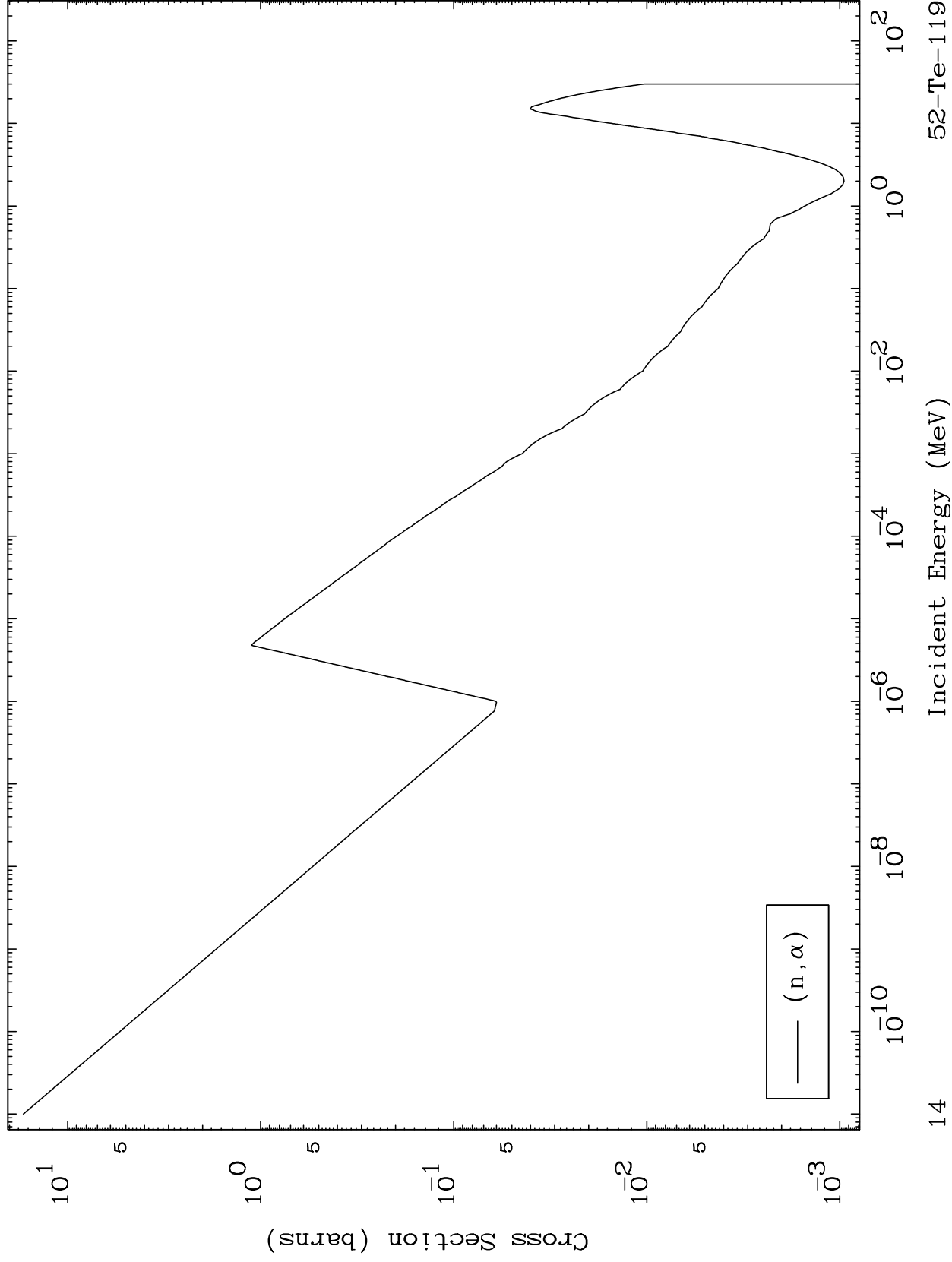
Incident Energy (MeV)

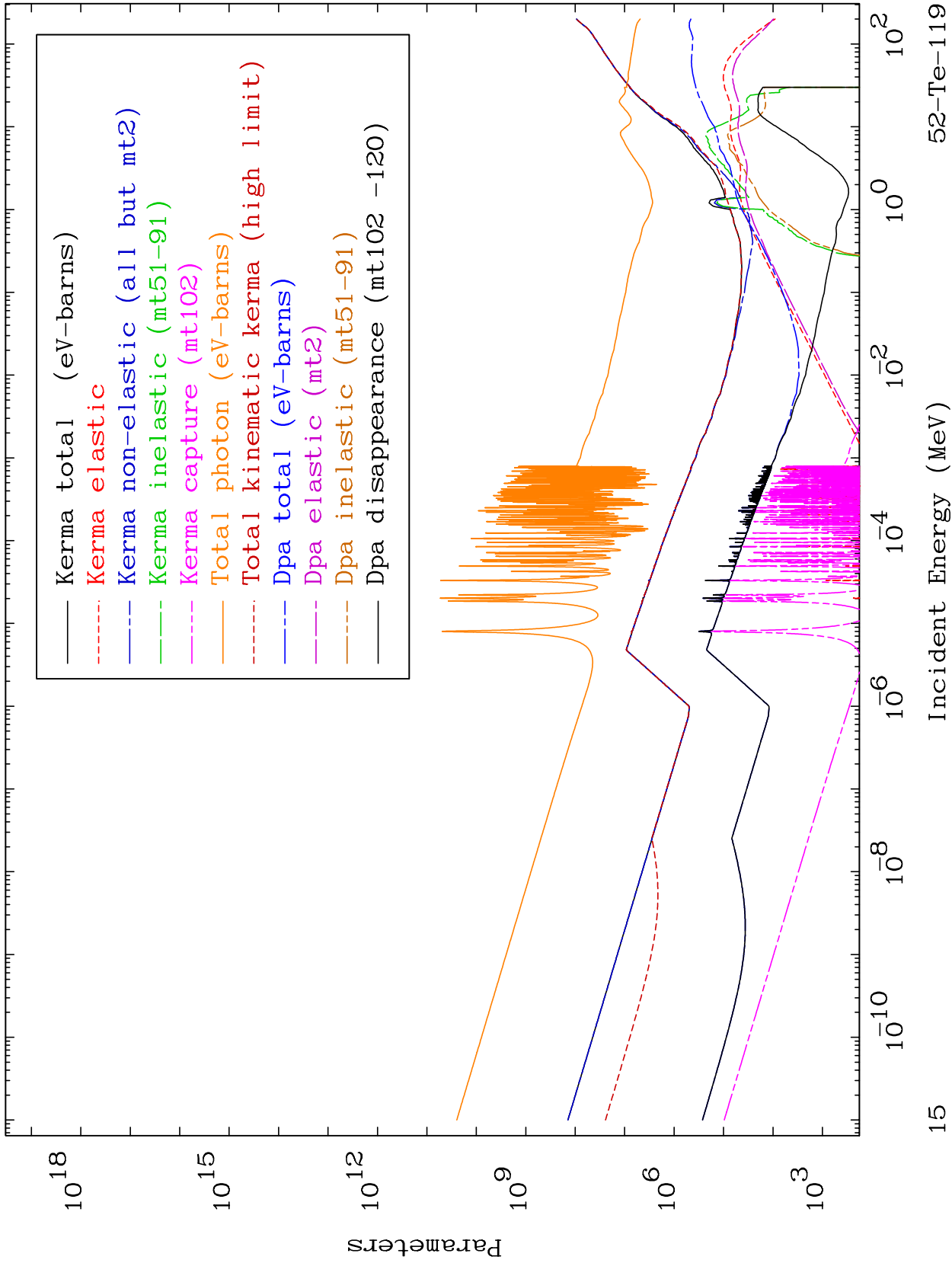
52-Te-119

MAT 5222

(n, α) Levels
293 Kelvin Cross Sections

52-Te-119

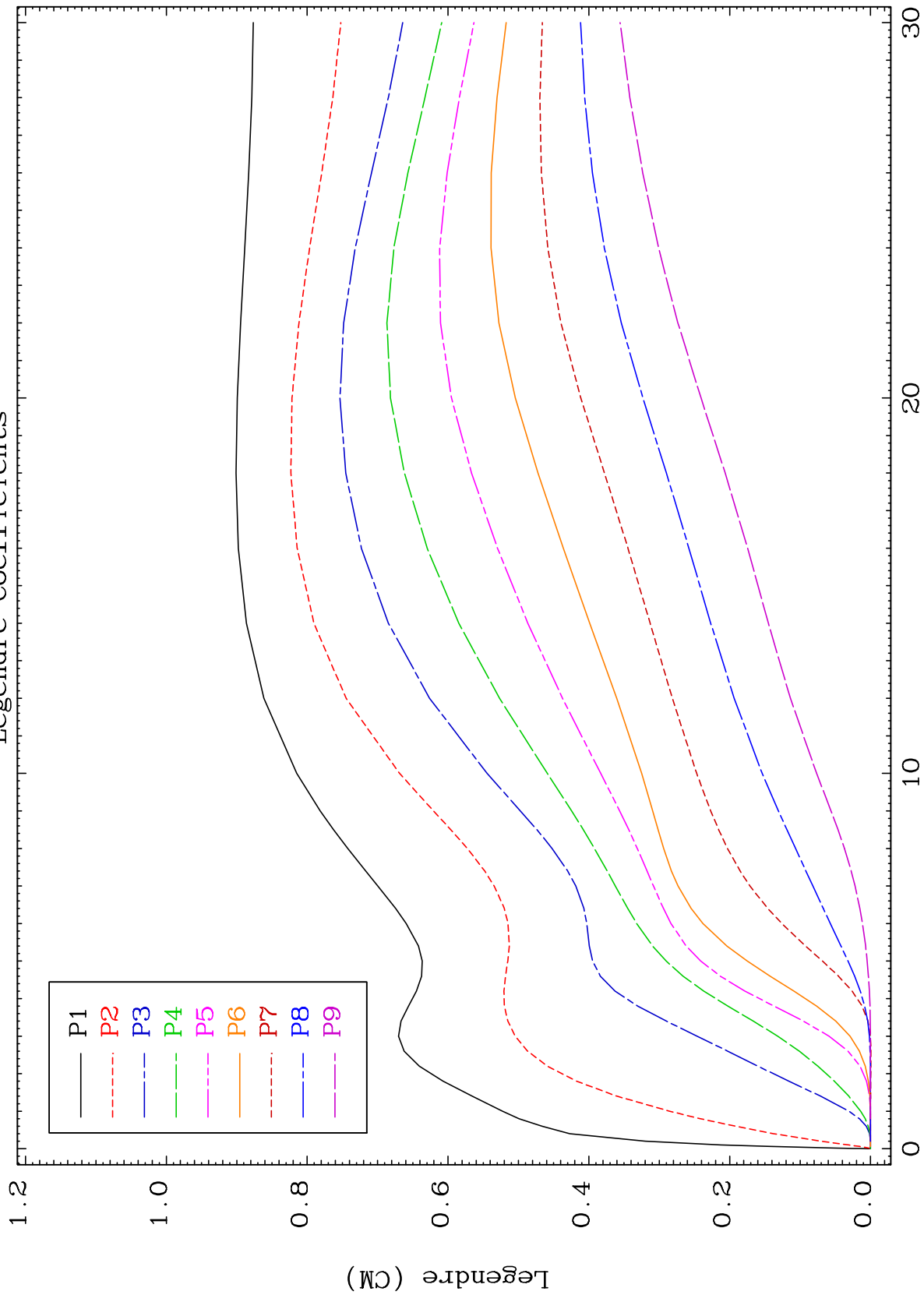




MAT 5222

Elastic Legendre Coefficients

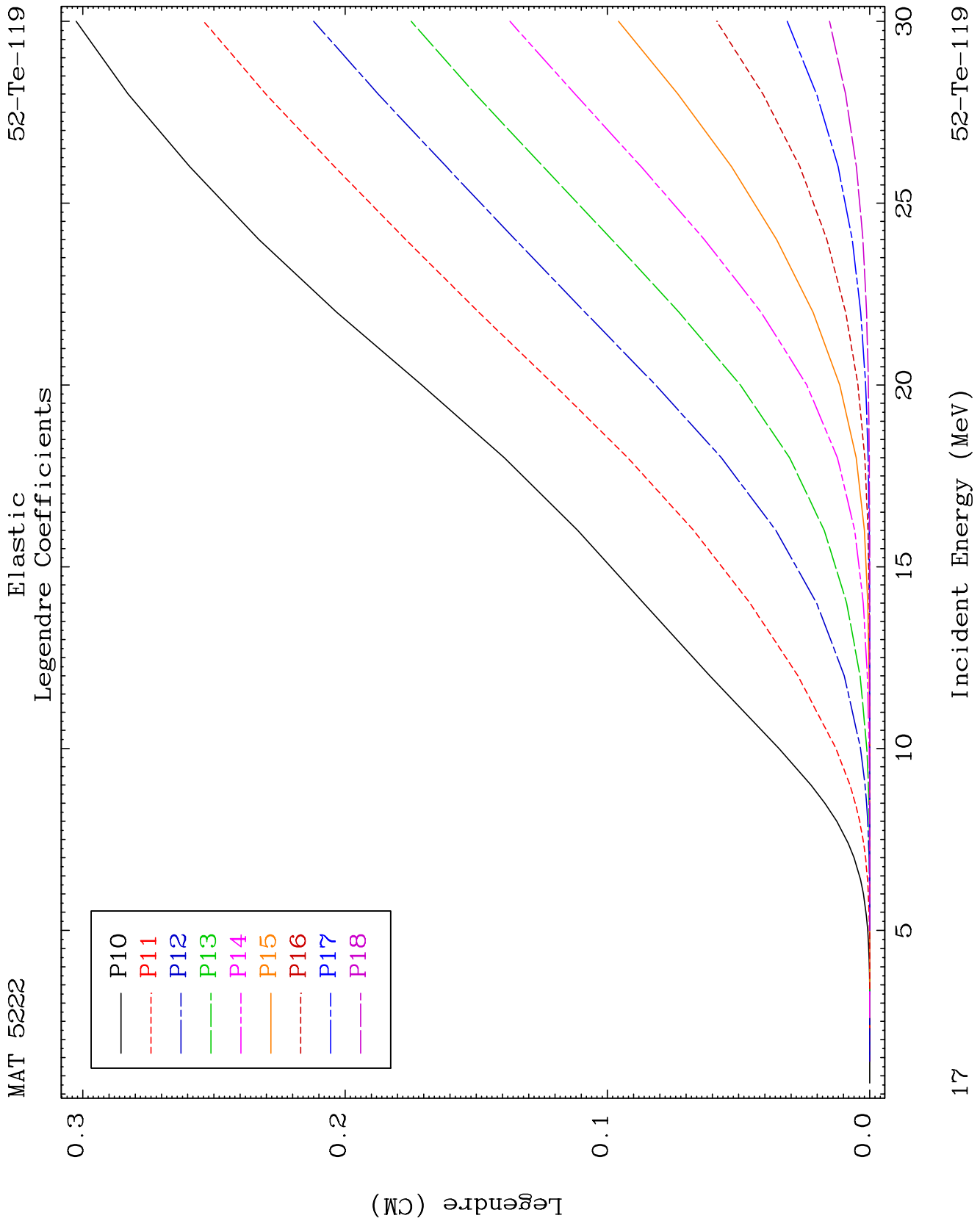
52-Te-119



16

Incident Energy (MeV)

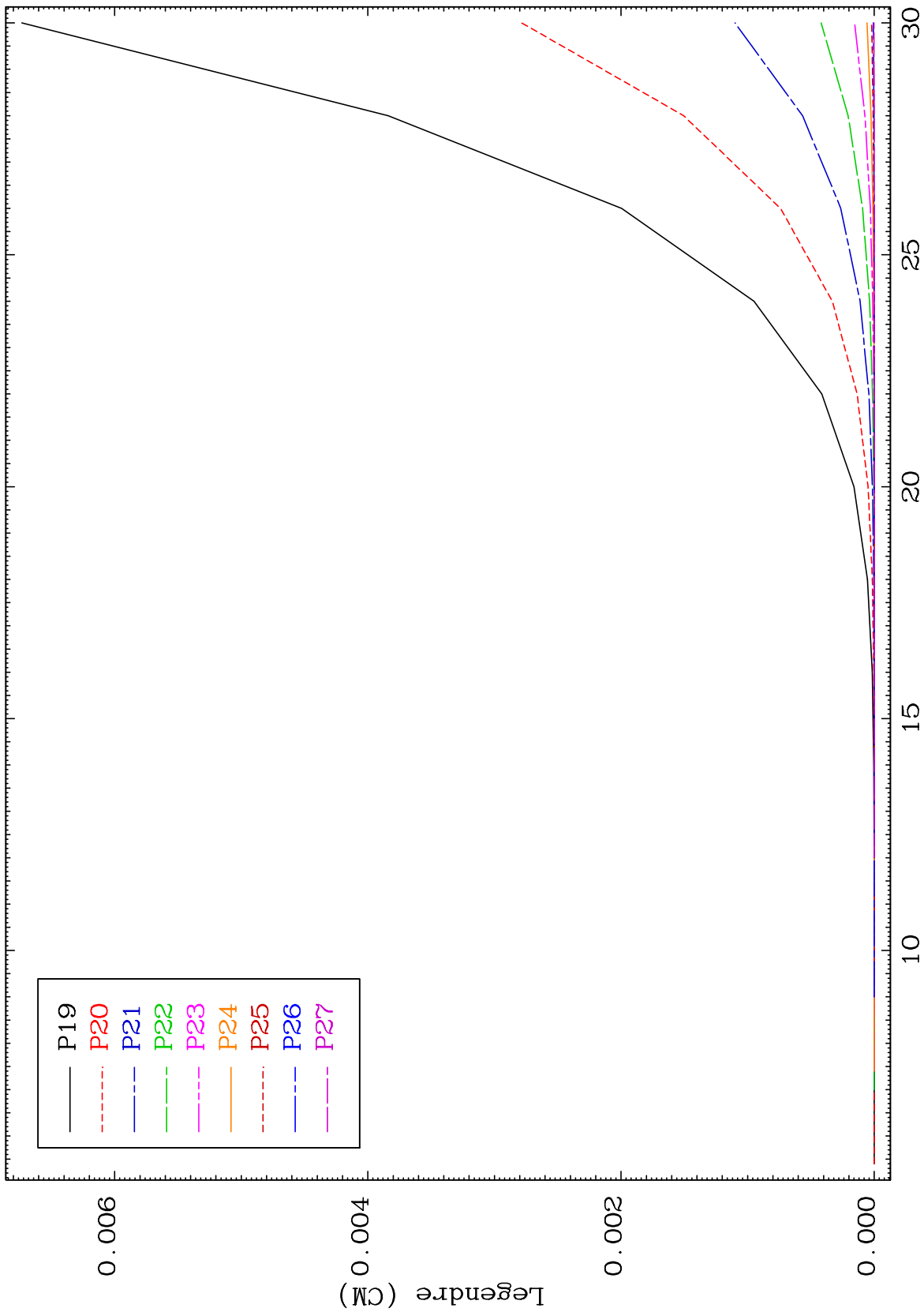
52-Te-119



MAT 5222

Elastic Legendre Coefficients

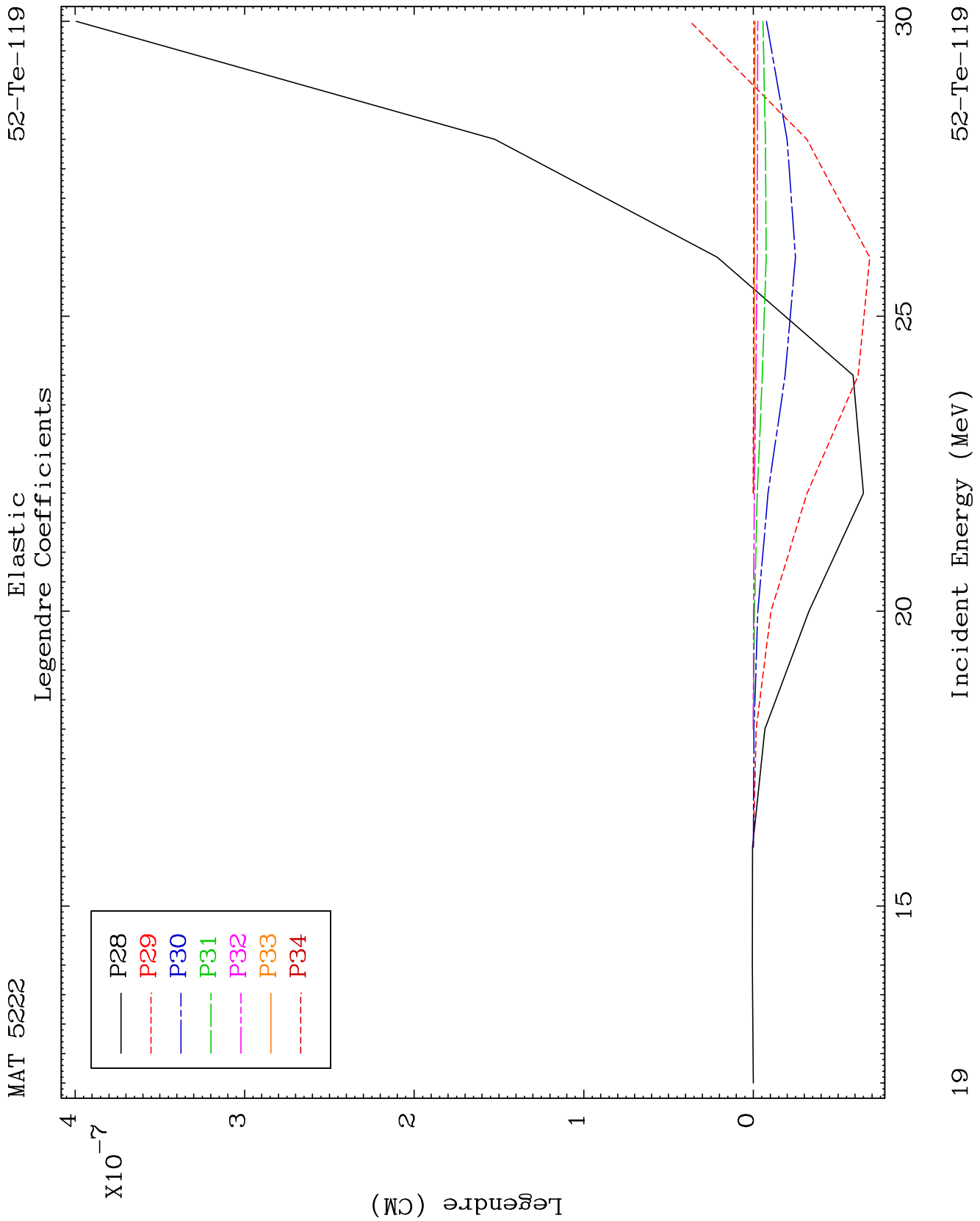
52-Te-119

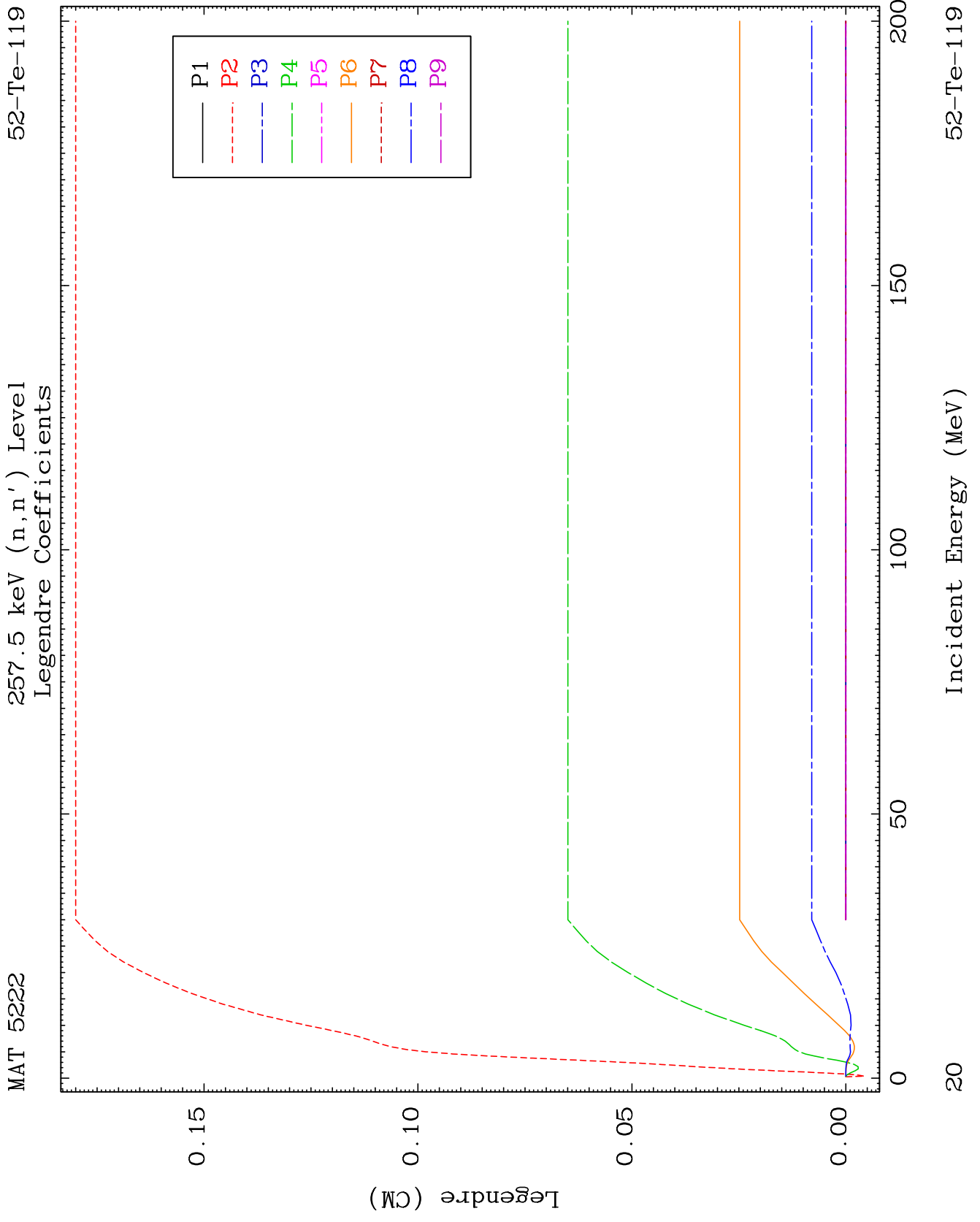


18

Incident Energy (MeV)

52-Te-119

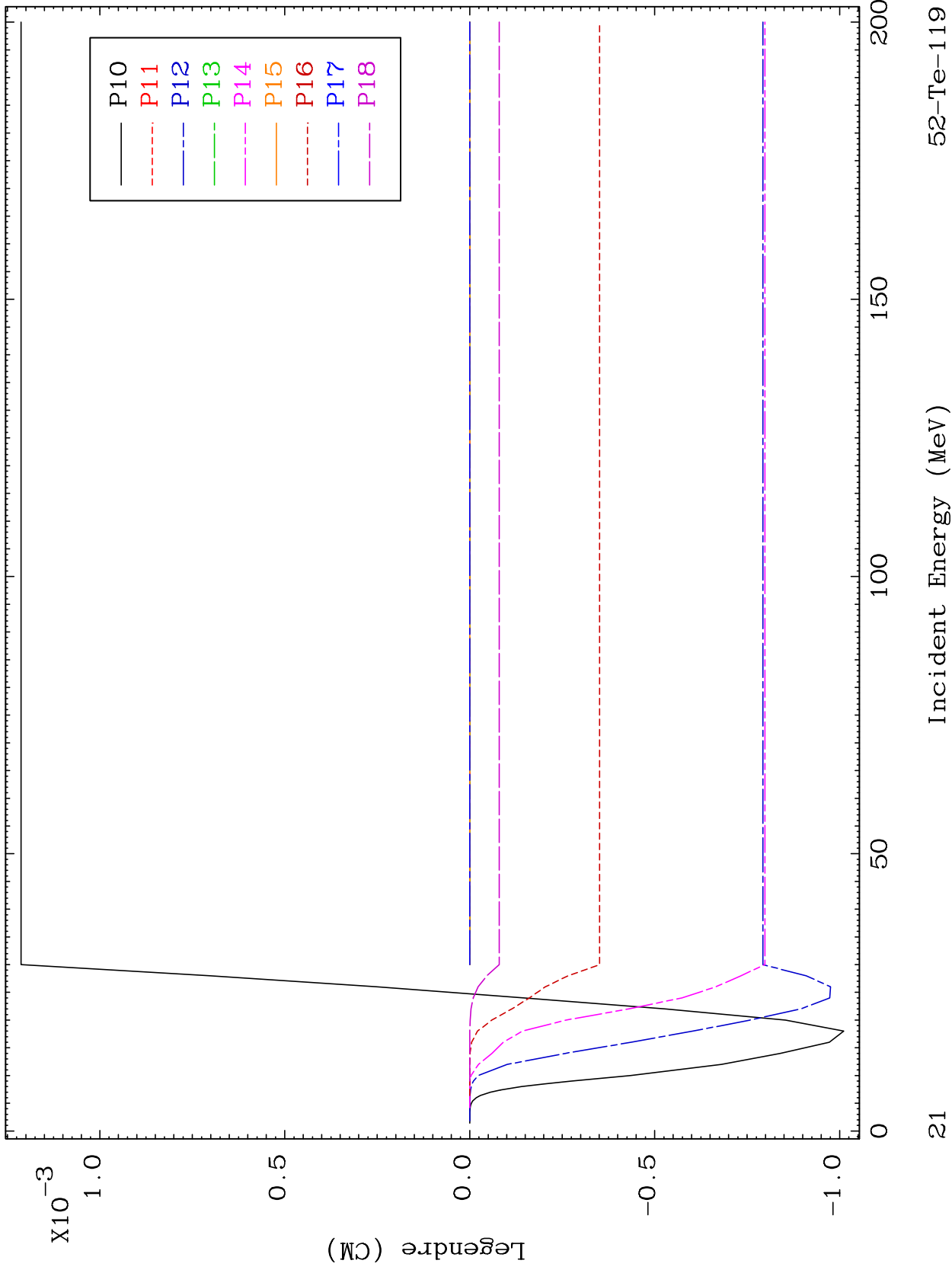




MAT 5222

257.5 keV (n,n') Level
Legendre Coefficients

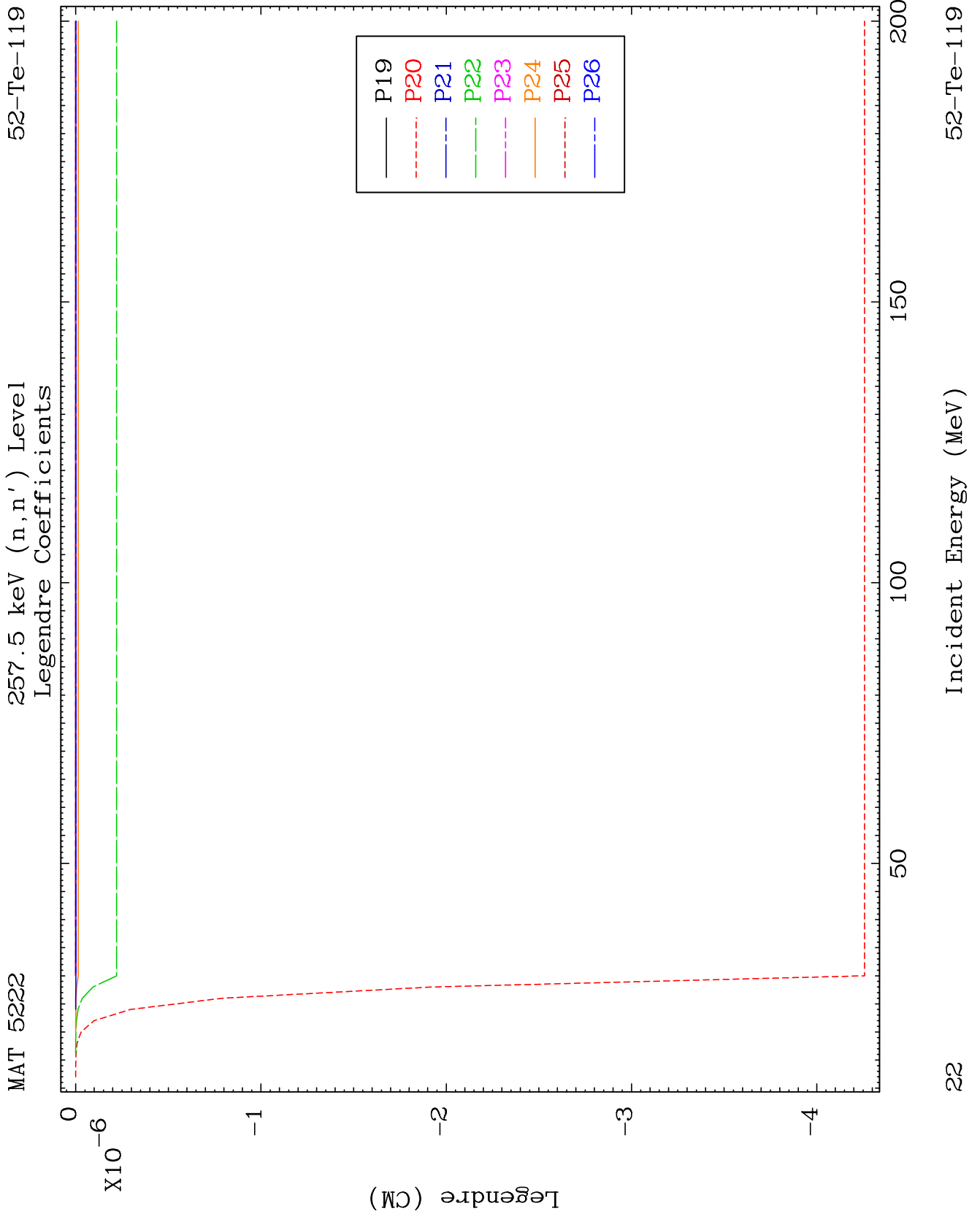
52-Te-119



21

Incident Energy (MeV)

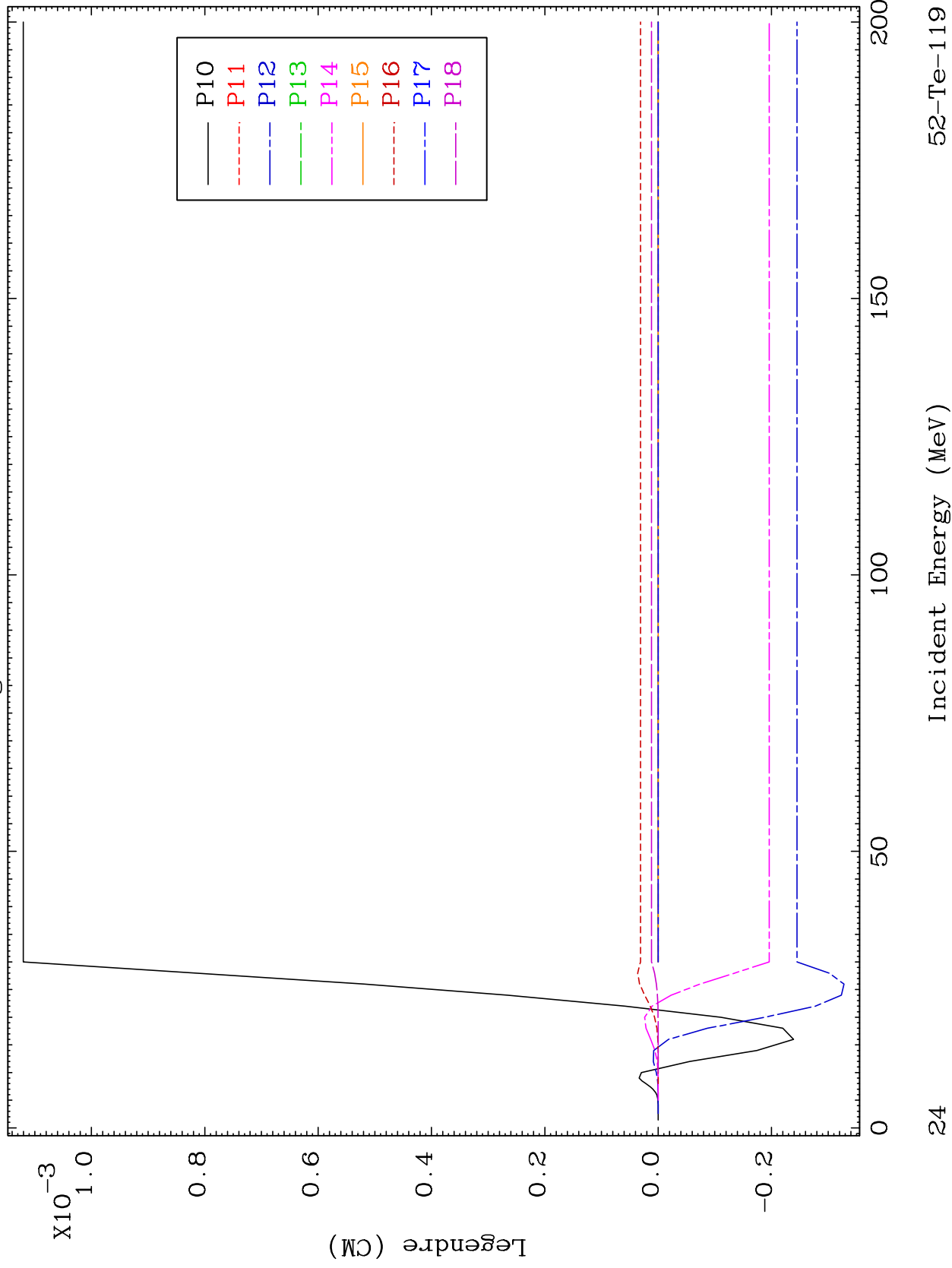
52-Te-119



MAT 5222

261.0 keV (n,n') Level
Legendre Coefficients

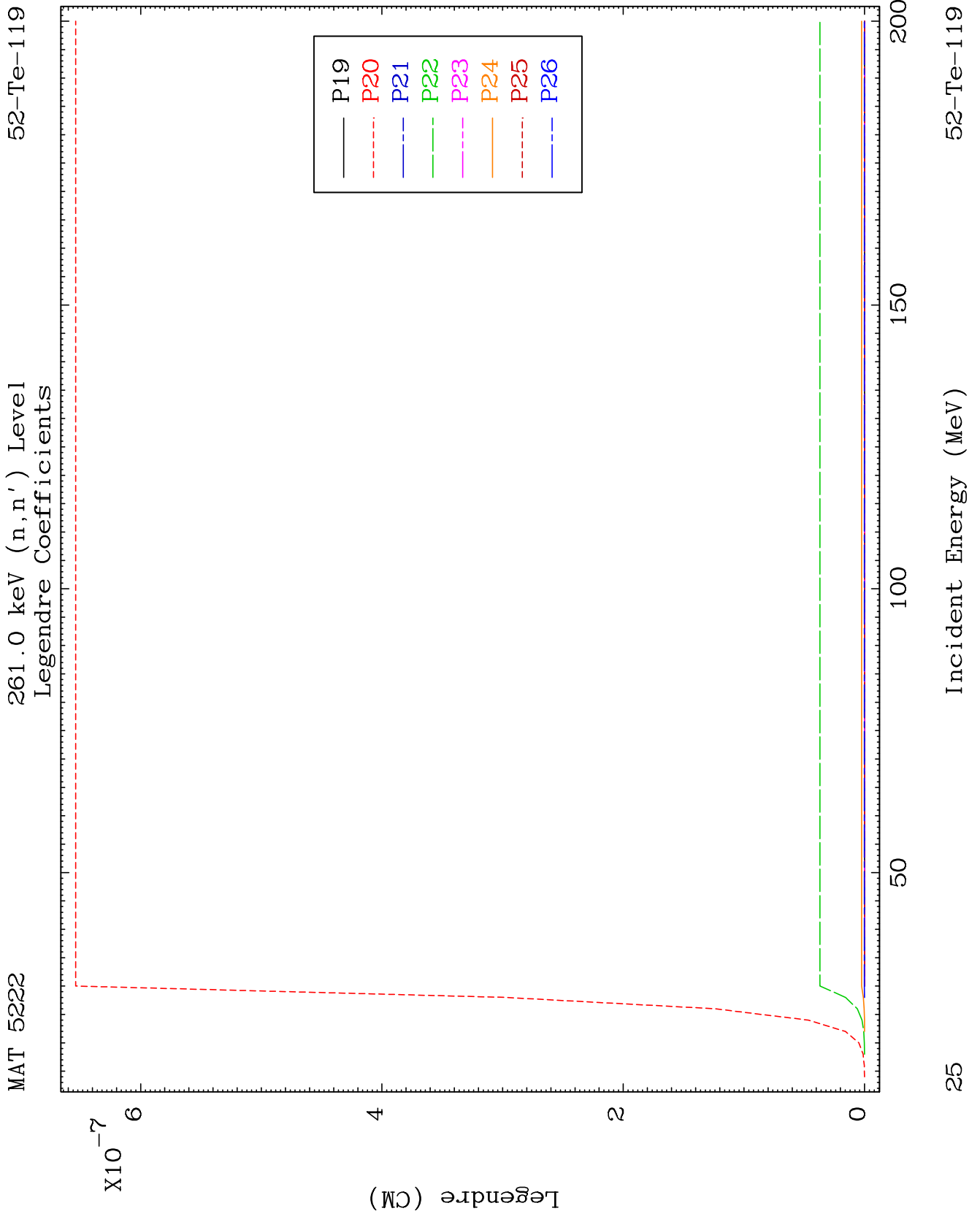
52-Te-119

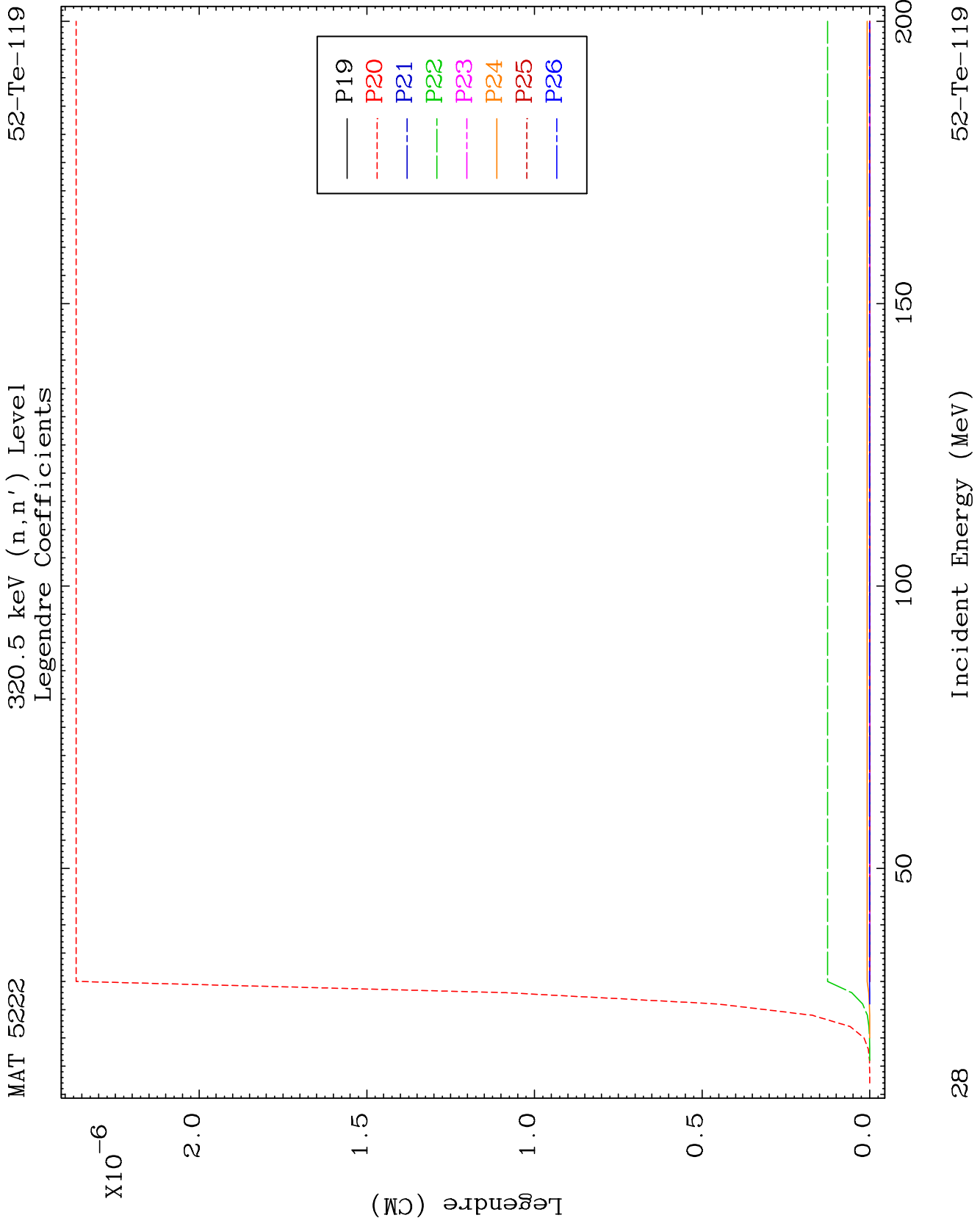


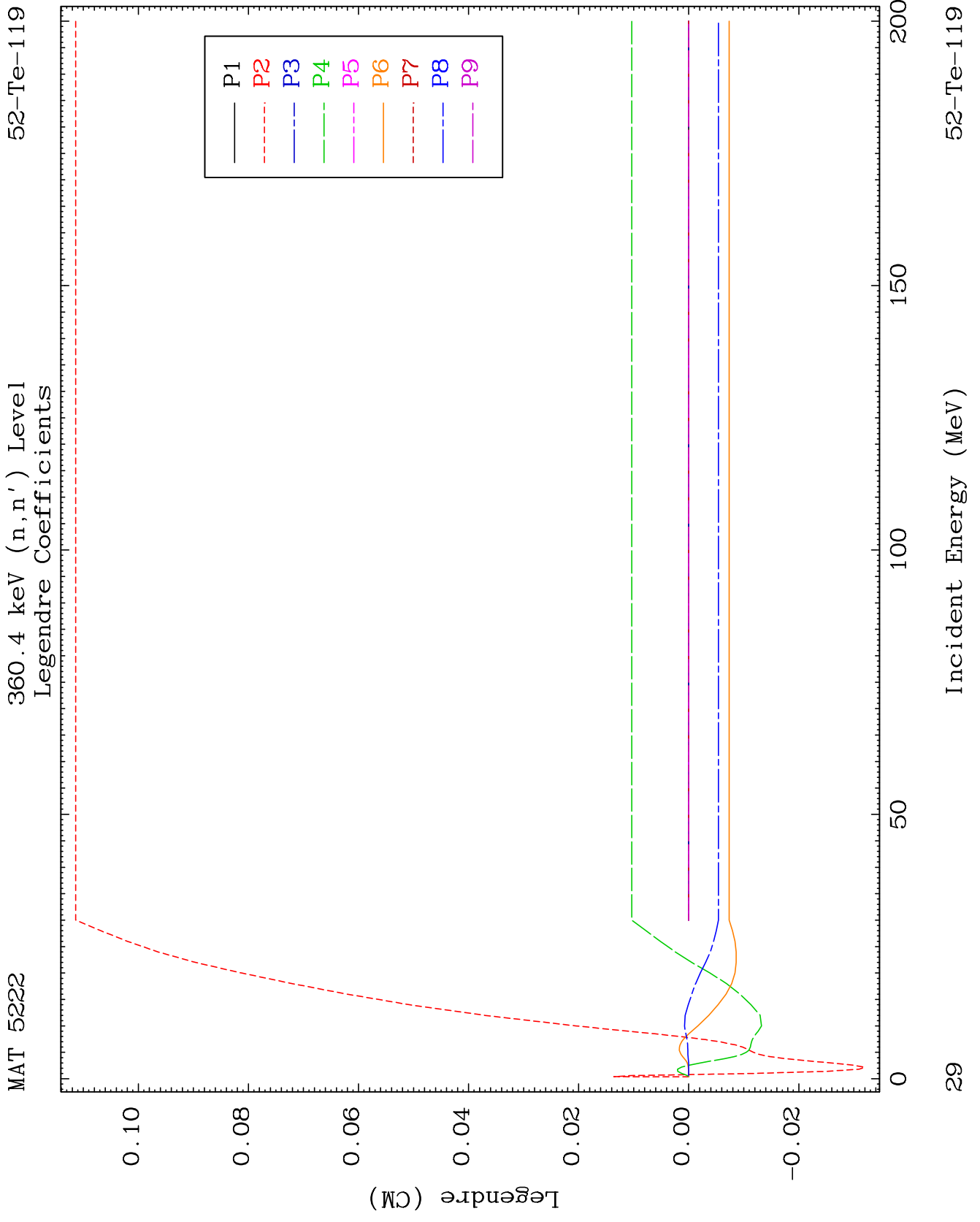
52-Te-119

Incident Energy (MeV)

24



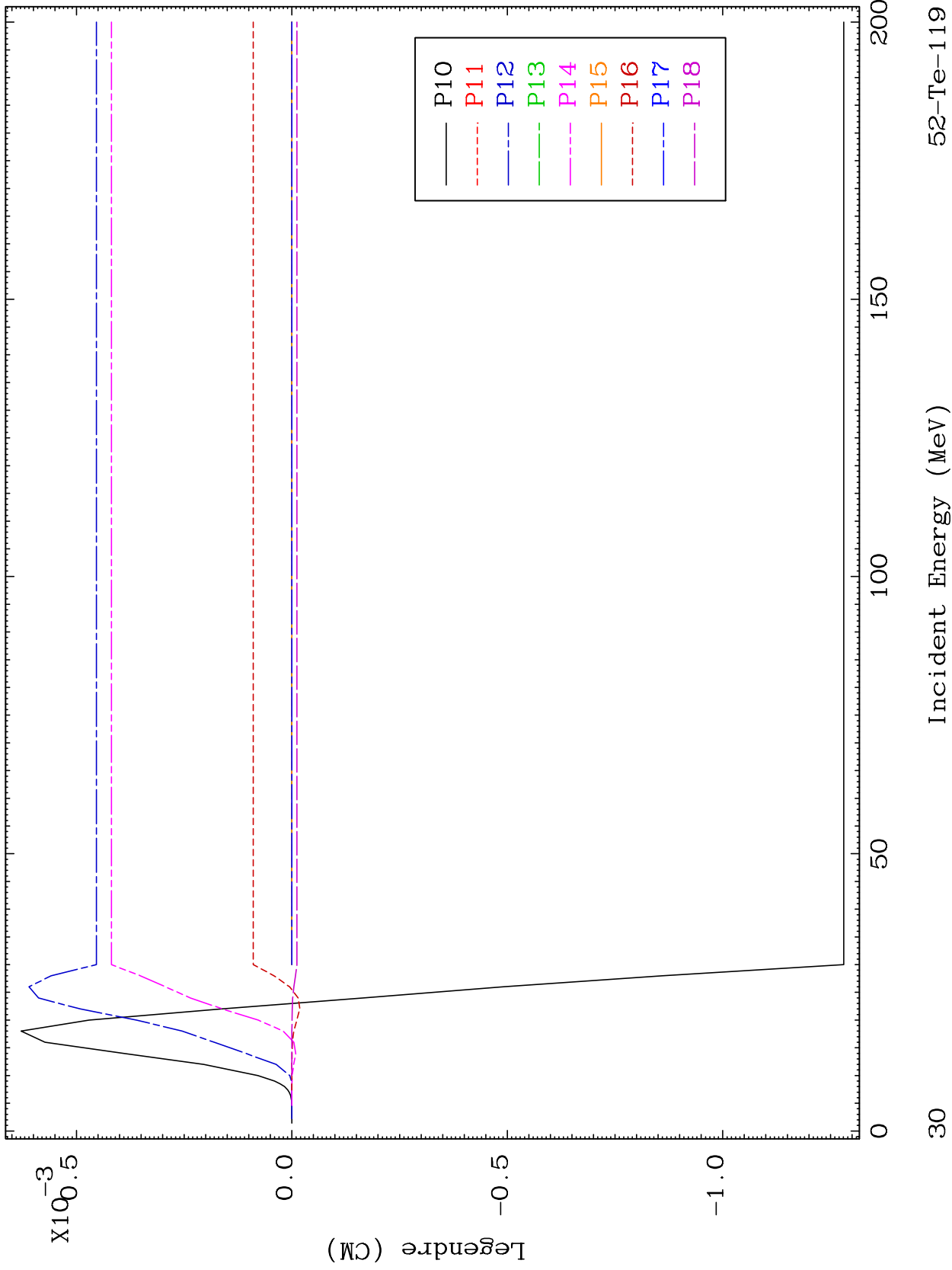




MAT 5222

360.4 keV (n,n') Level
Legendre Coefficients

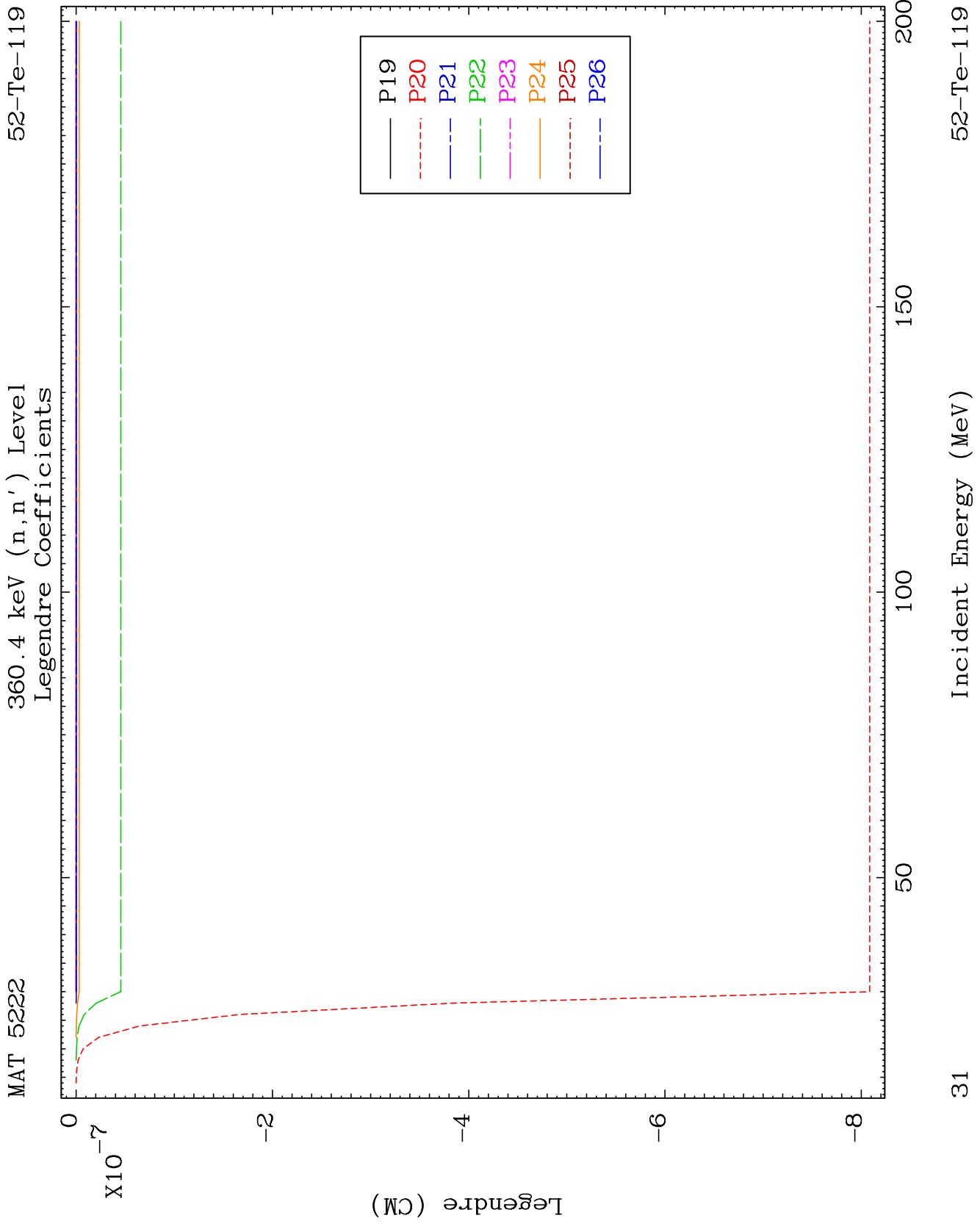
52-Te-119

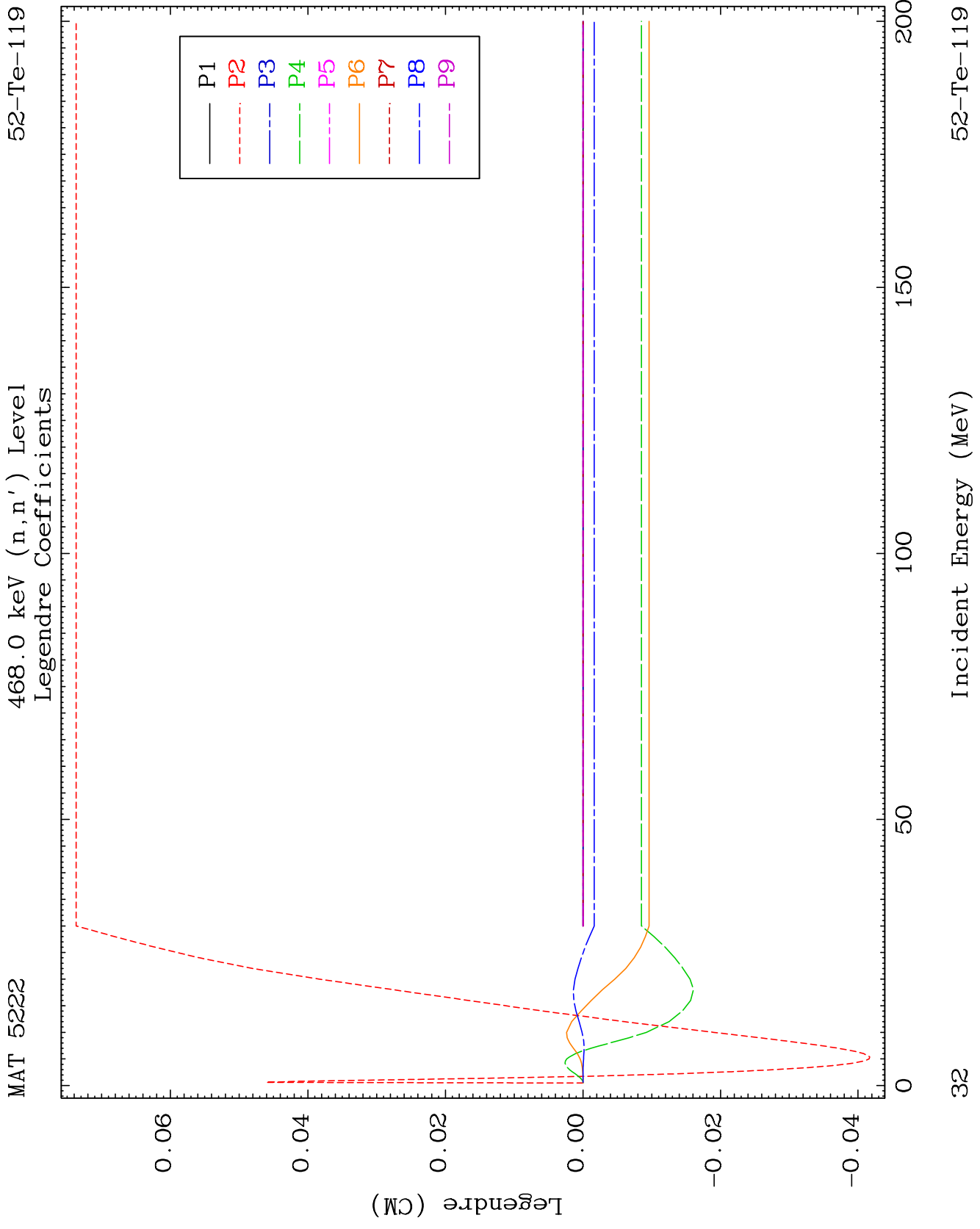


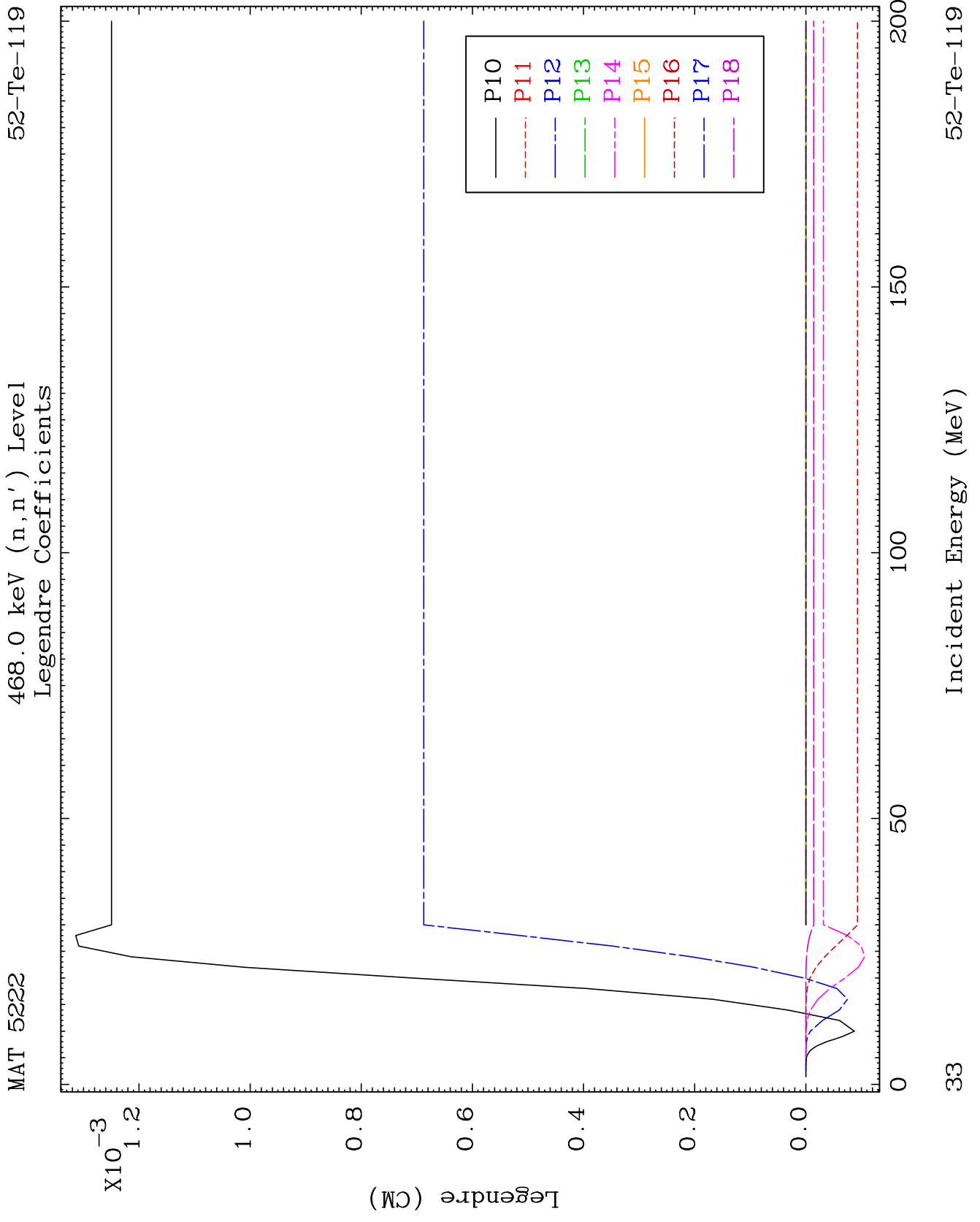
52-Te-119

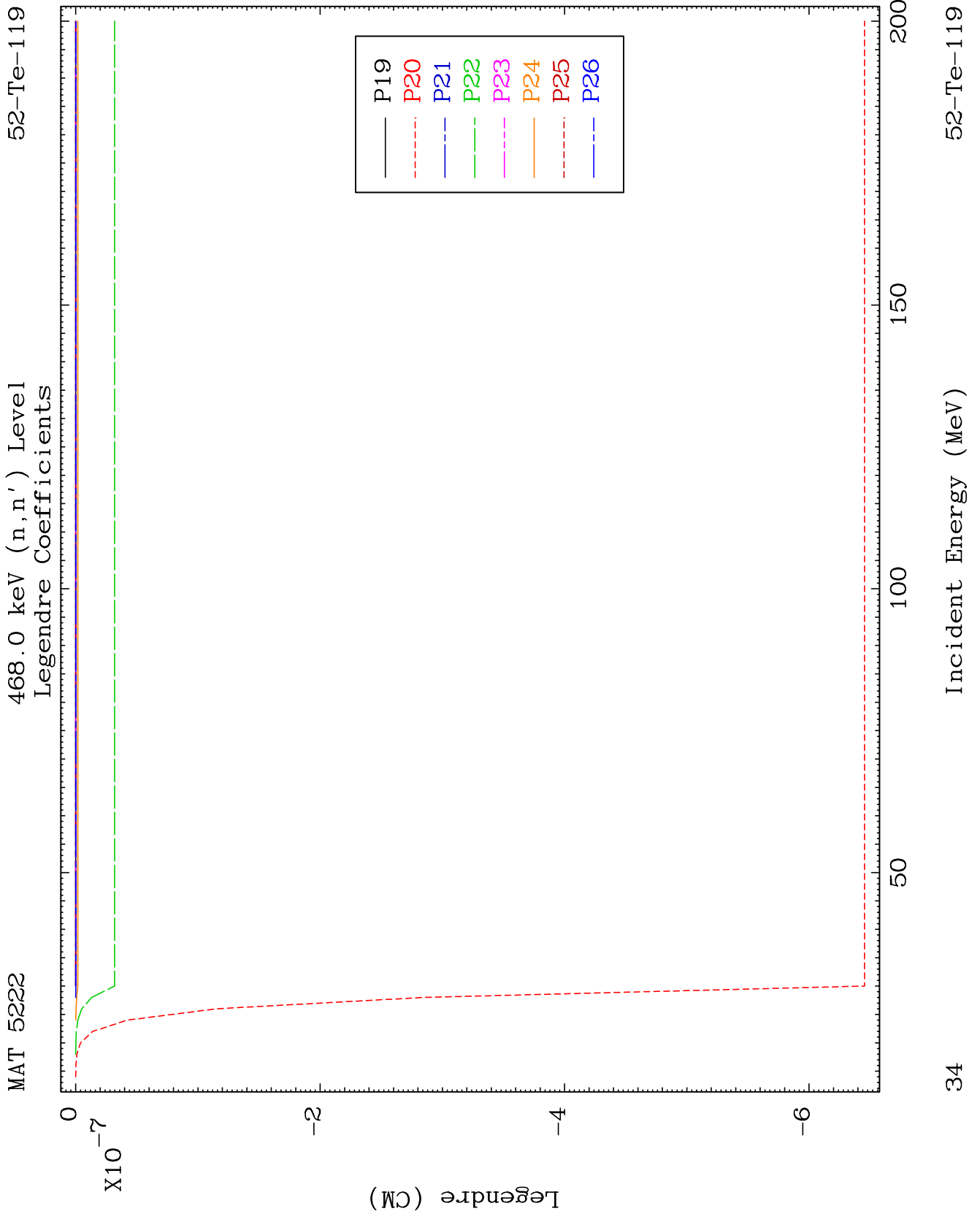
Incident Energy (MeV)

30





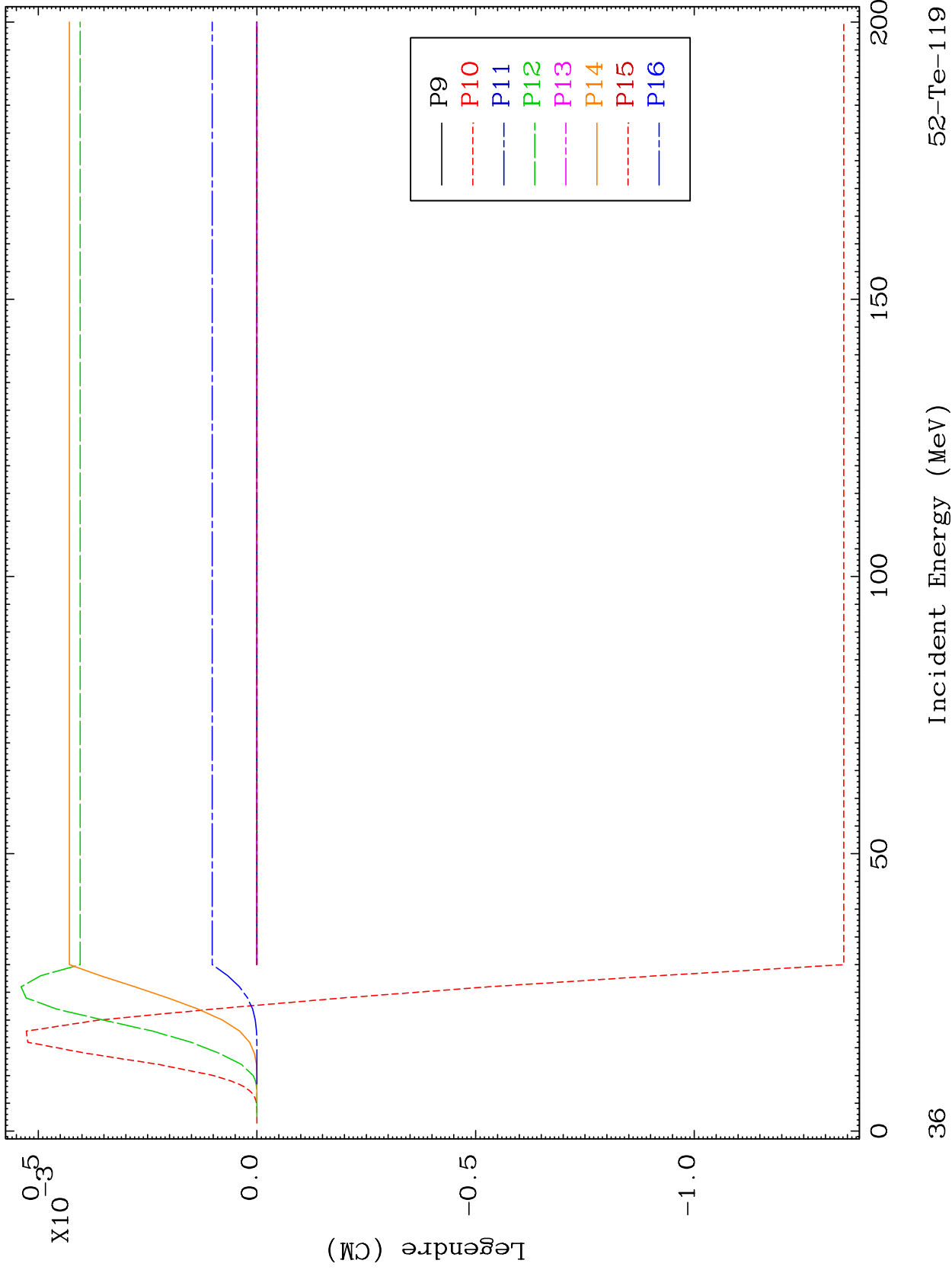




MAT 5222

501.1 keV (n,n') Level
Legendre Coefficients

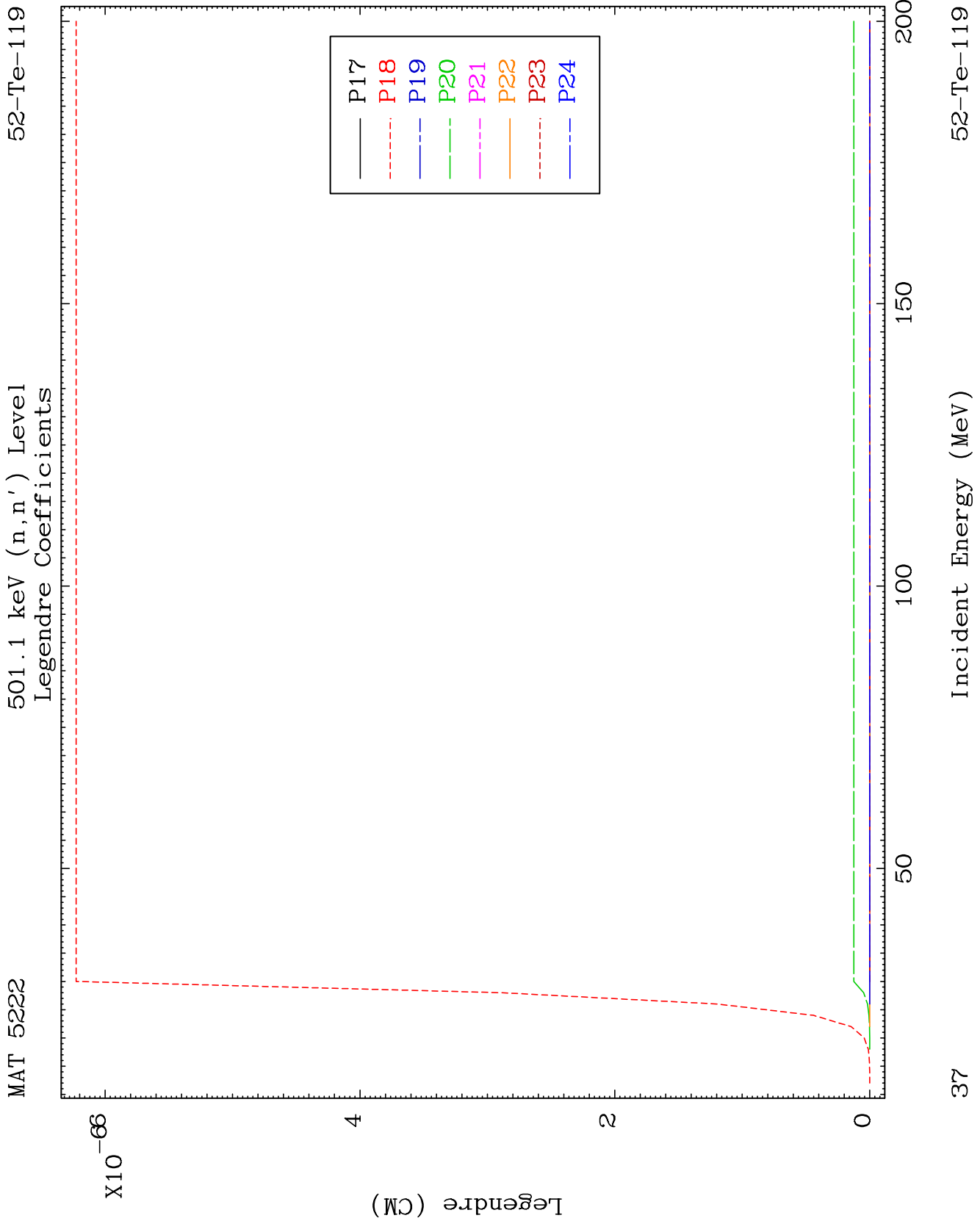
52-Te-119

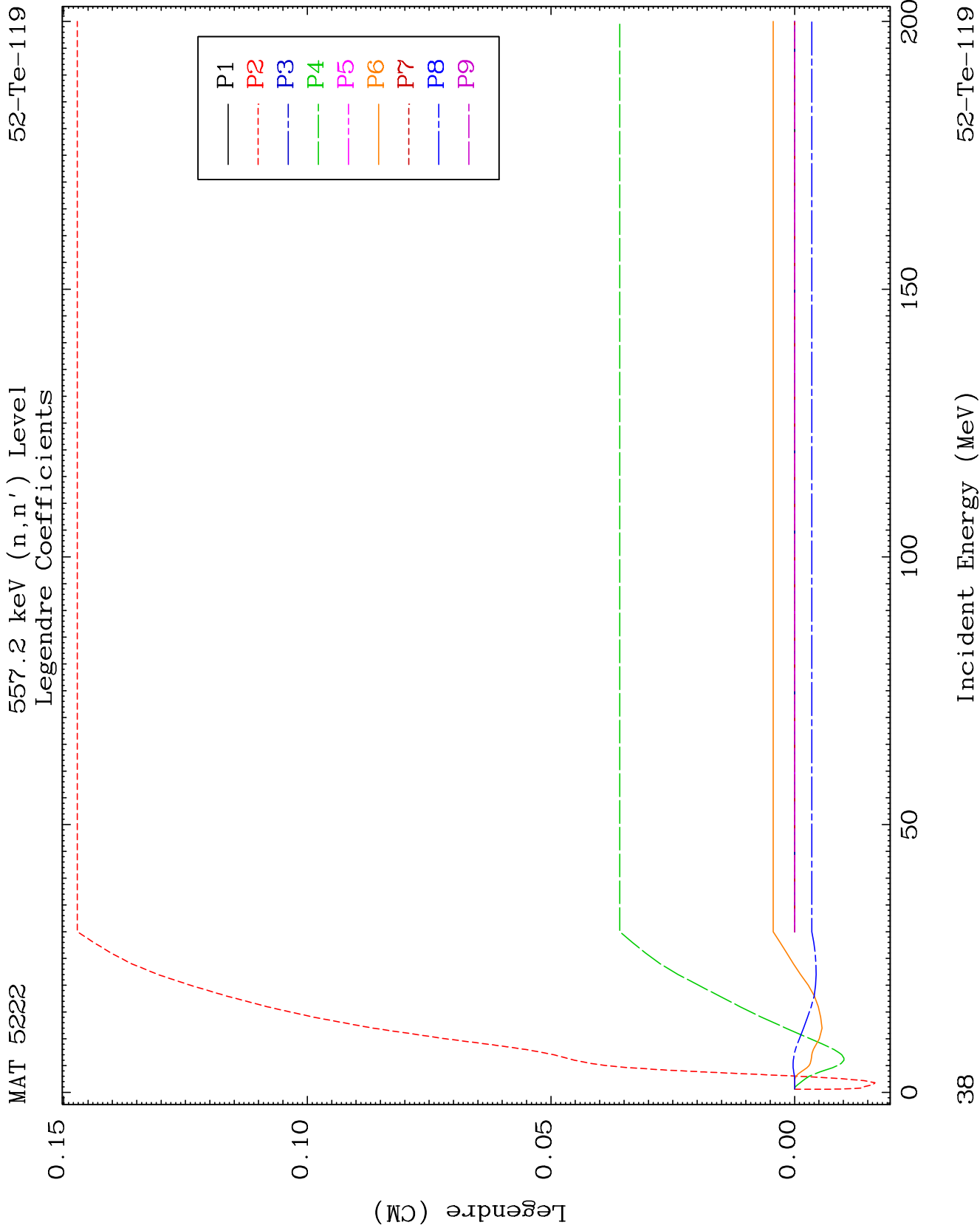


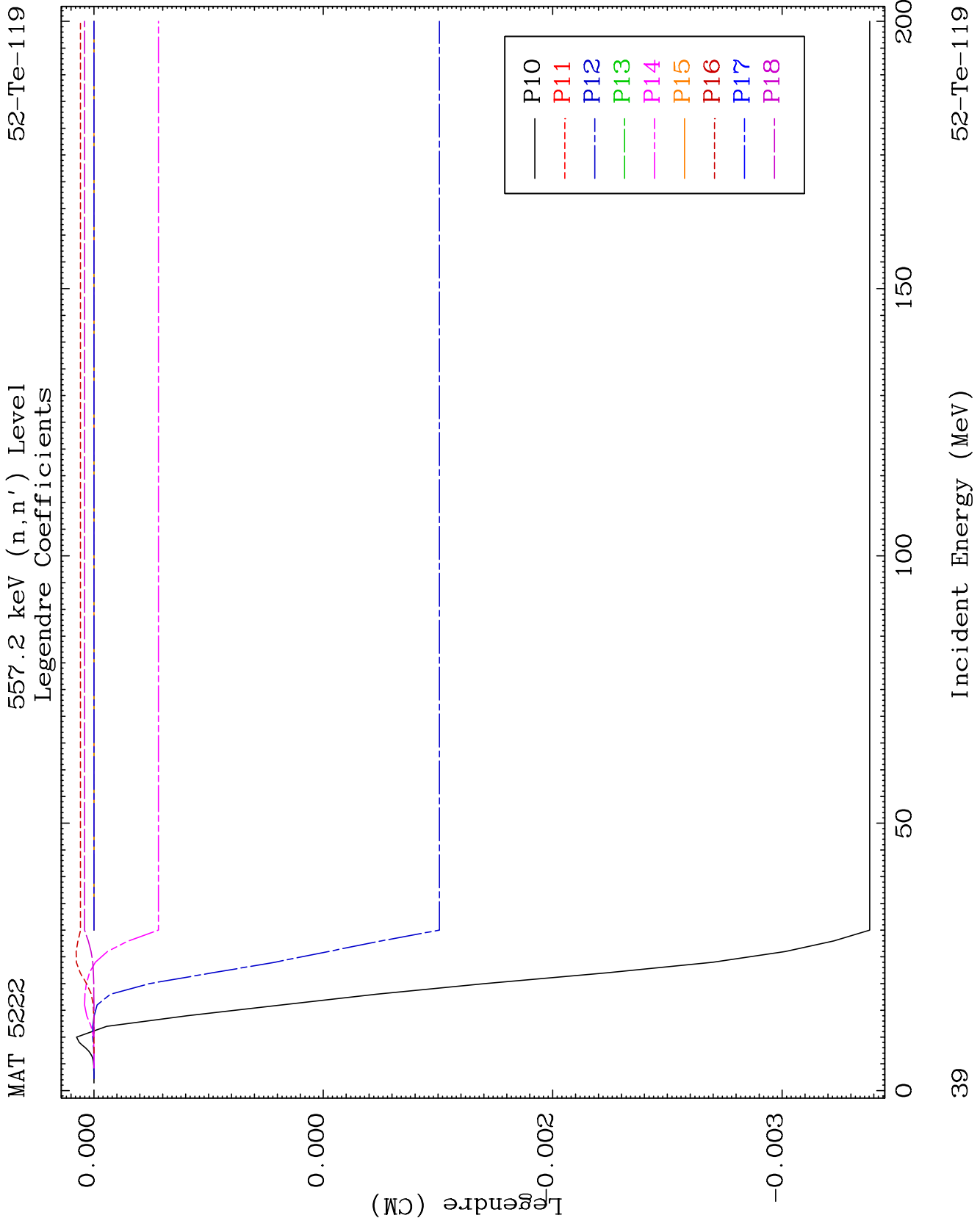
36

Incident Energy (MeV)

52-Te-119



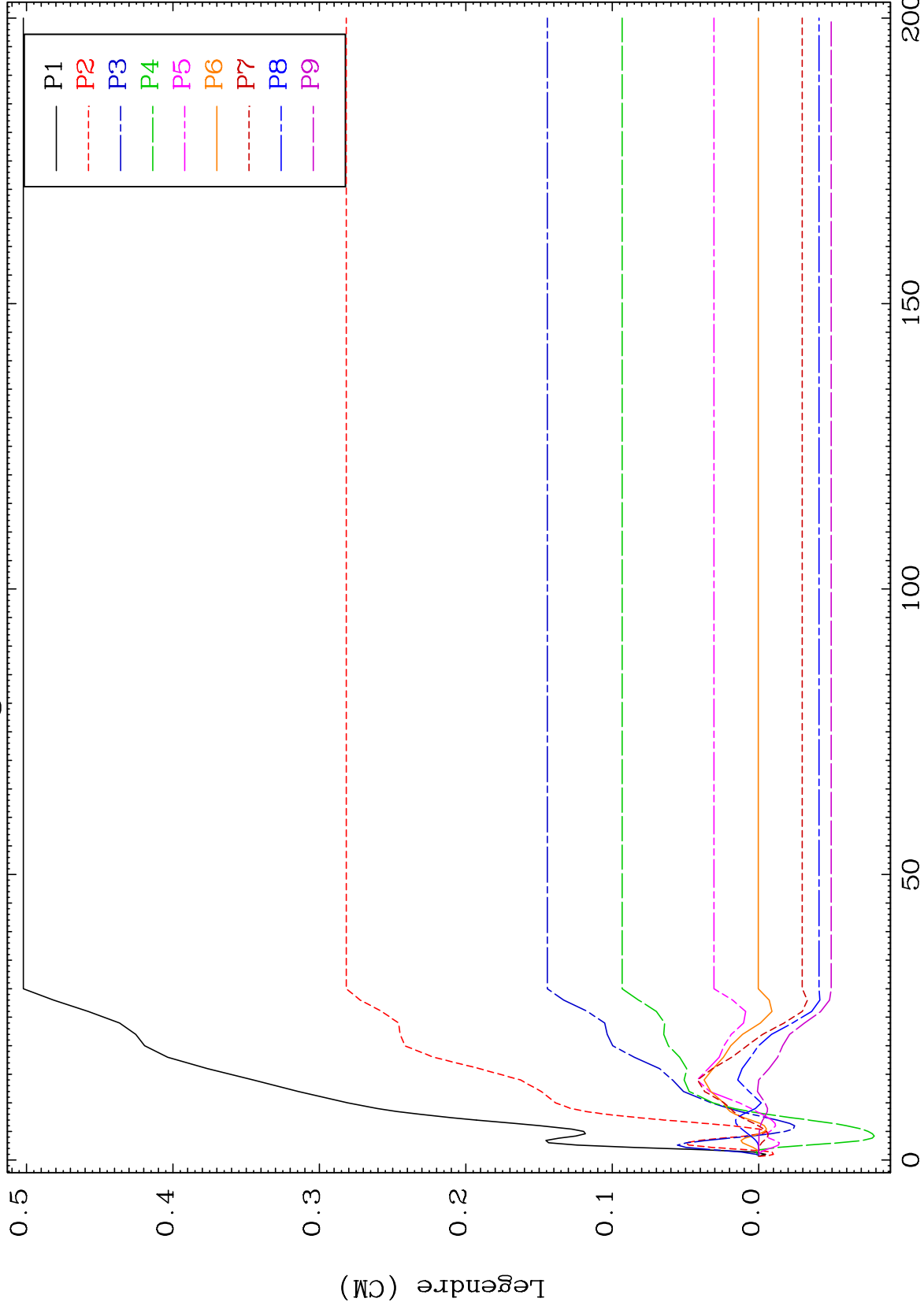




MAT 5222

598.2 keV (n,n') Level
Legendre Coefficients

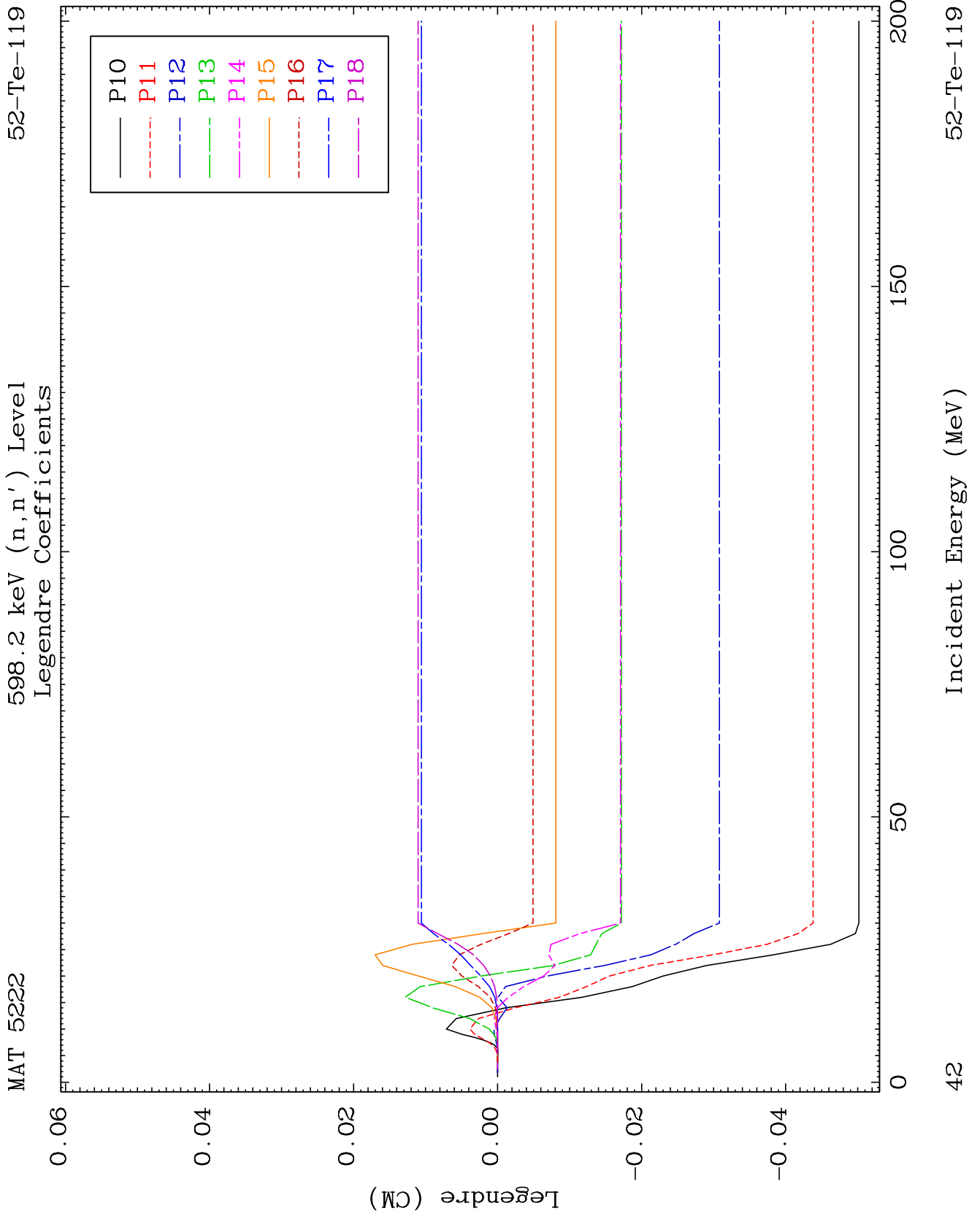
52-Te-119



52-Te-119

Incident Energy (MeV)

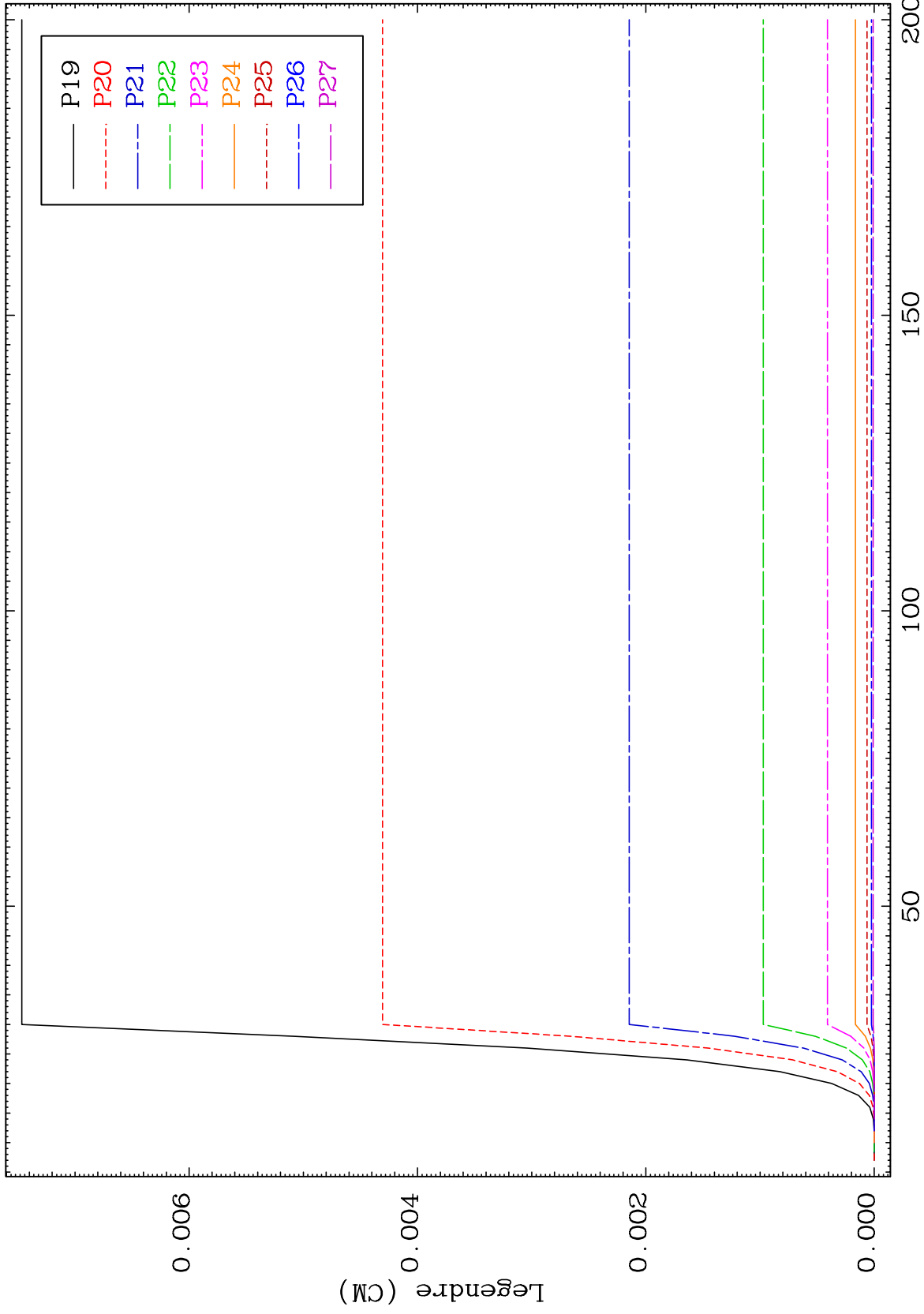
41



MAT 5222

598.2 keV (n,n') Level
Legendre Coefficients

52-Te-119



43

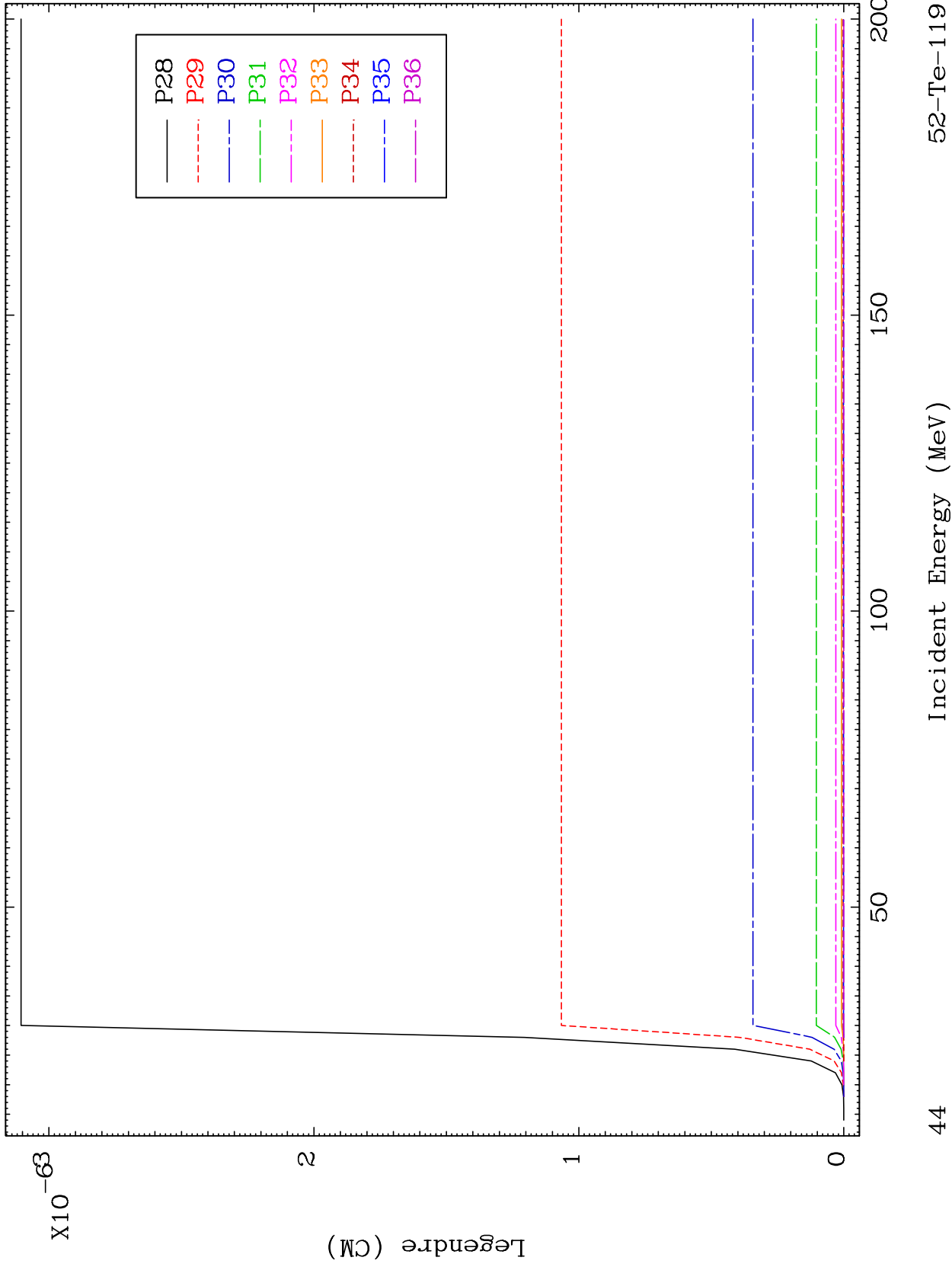
Incident Energy (MeV)

52-Te-119

MAT 5222

598.2 keV (n,n') Level
Legendre Coefficients

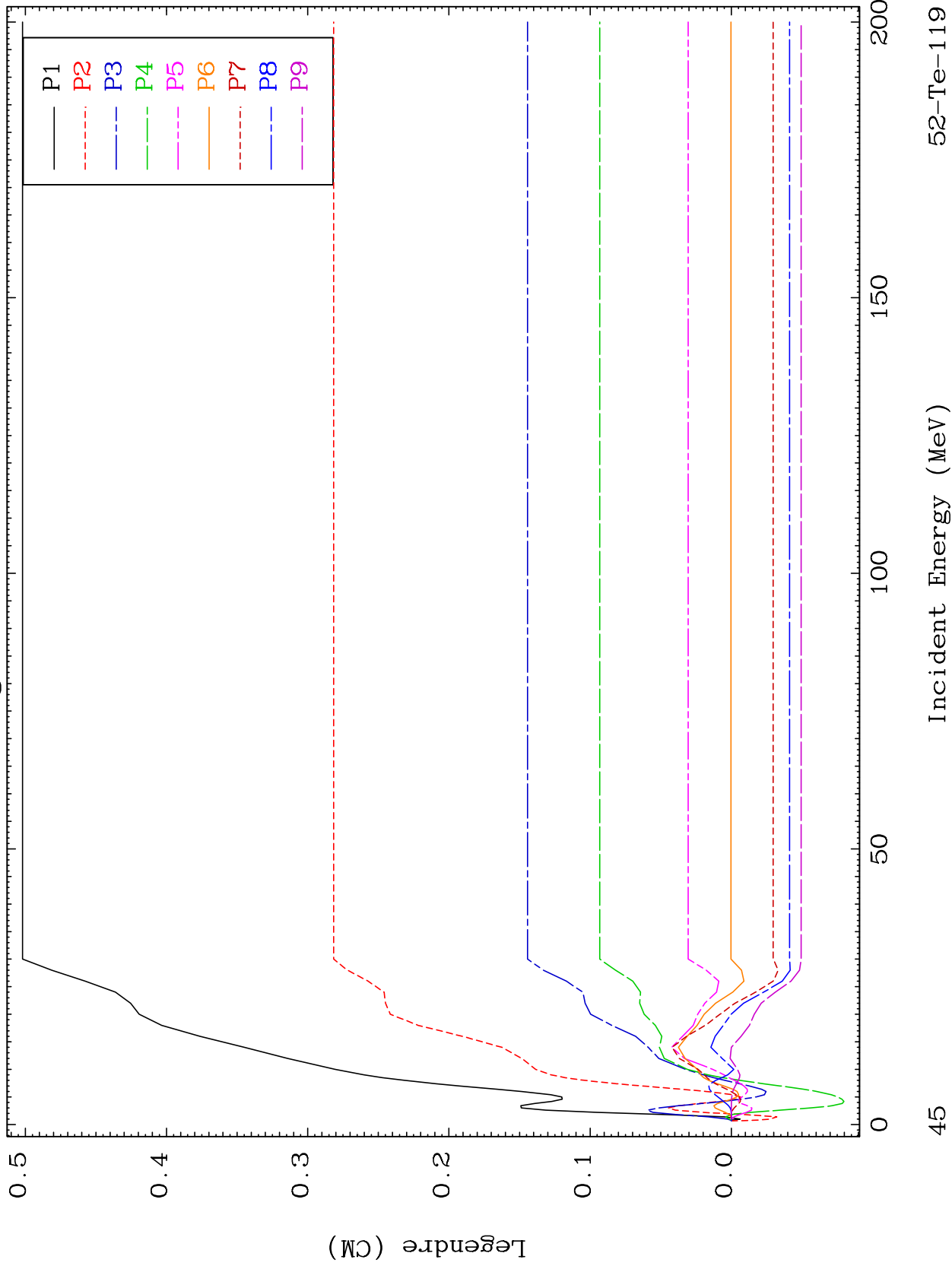
52-Te-119

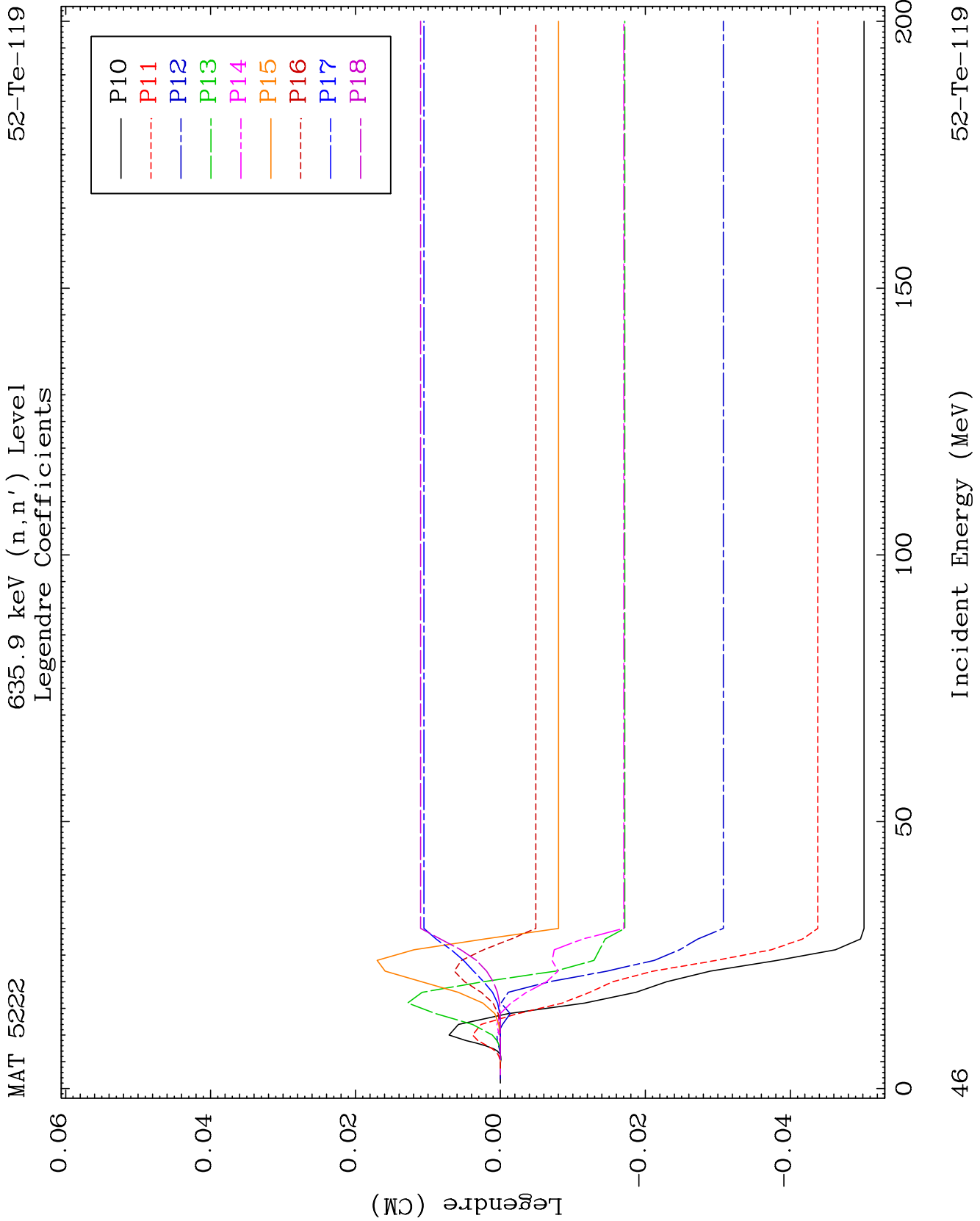


MAT 5222

635.9 keV (n,n') Level
Legendre Coefficients

52-Te-119

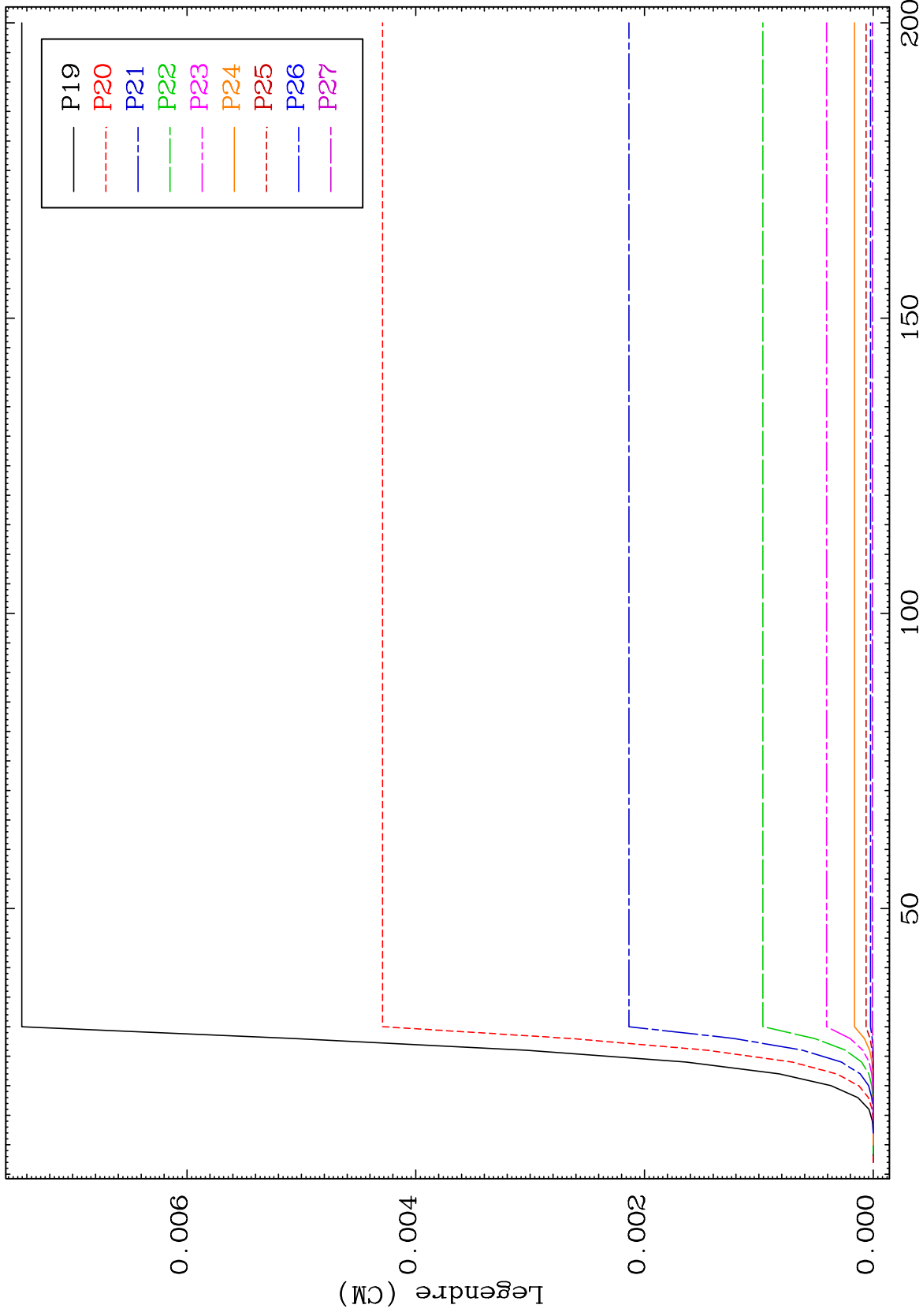




MAT 5222

635.9 keV (n,n') Level
Legendre Coefficients

52-Te-119



47

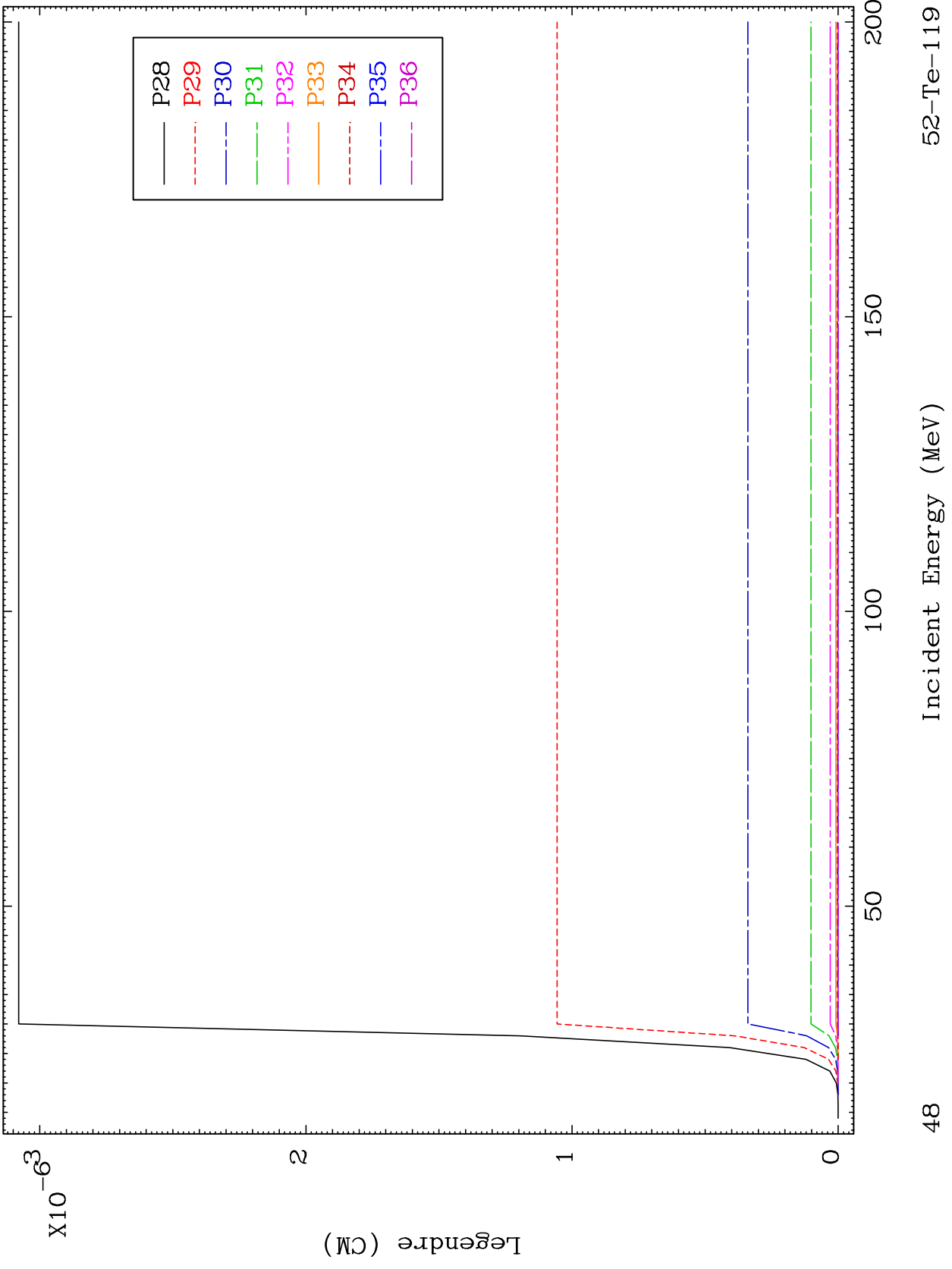
Incident Energy (MeV)

52-Te-119

MAT 5222

635.9 keV (n,n') Level
Legendre Coefficients

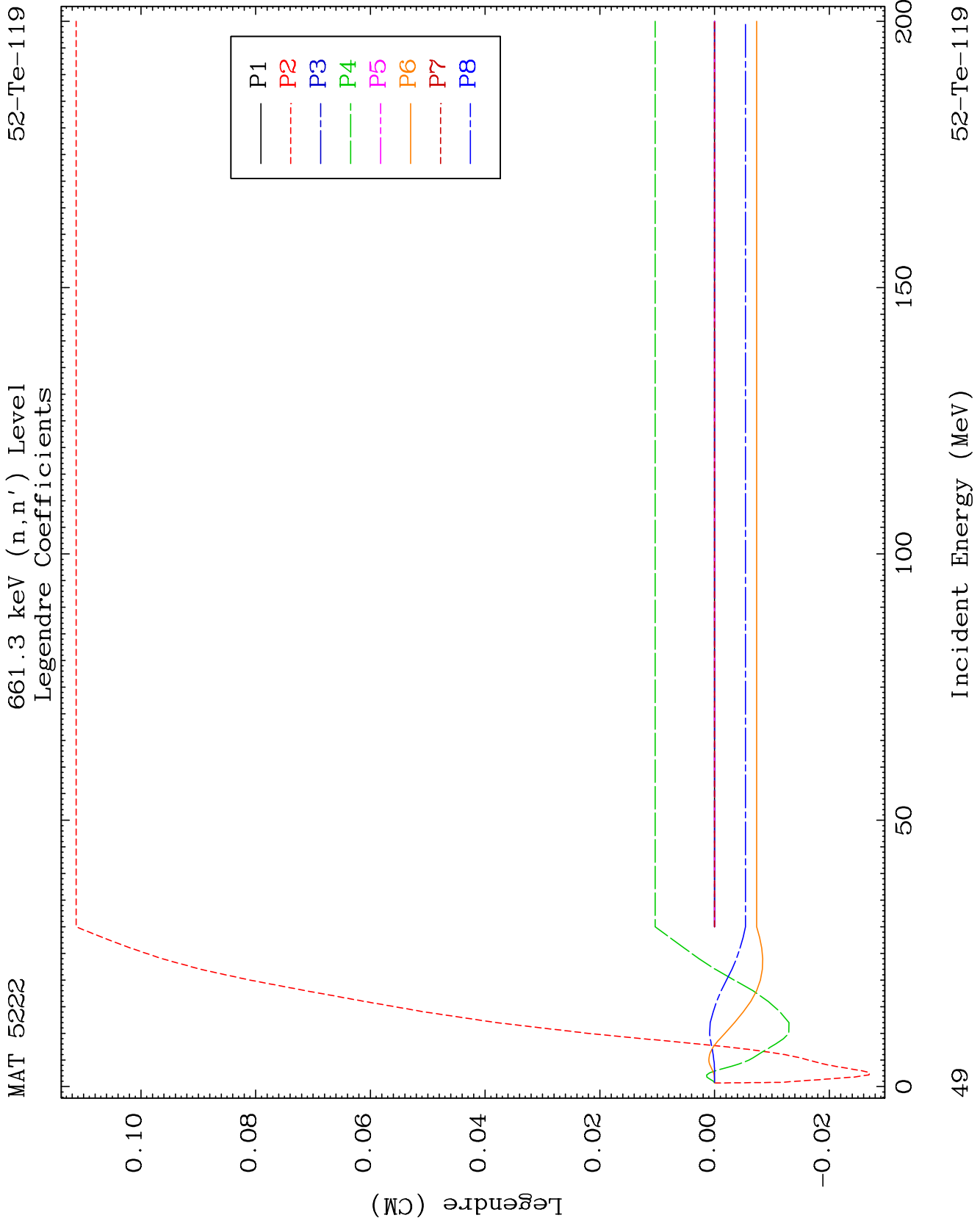
52-Te-119



48

Incident Energy (MeV)

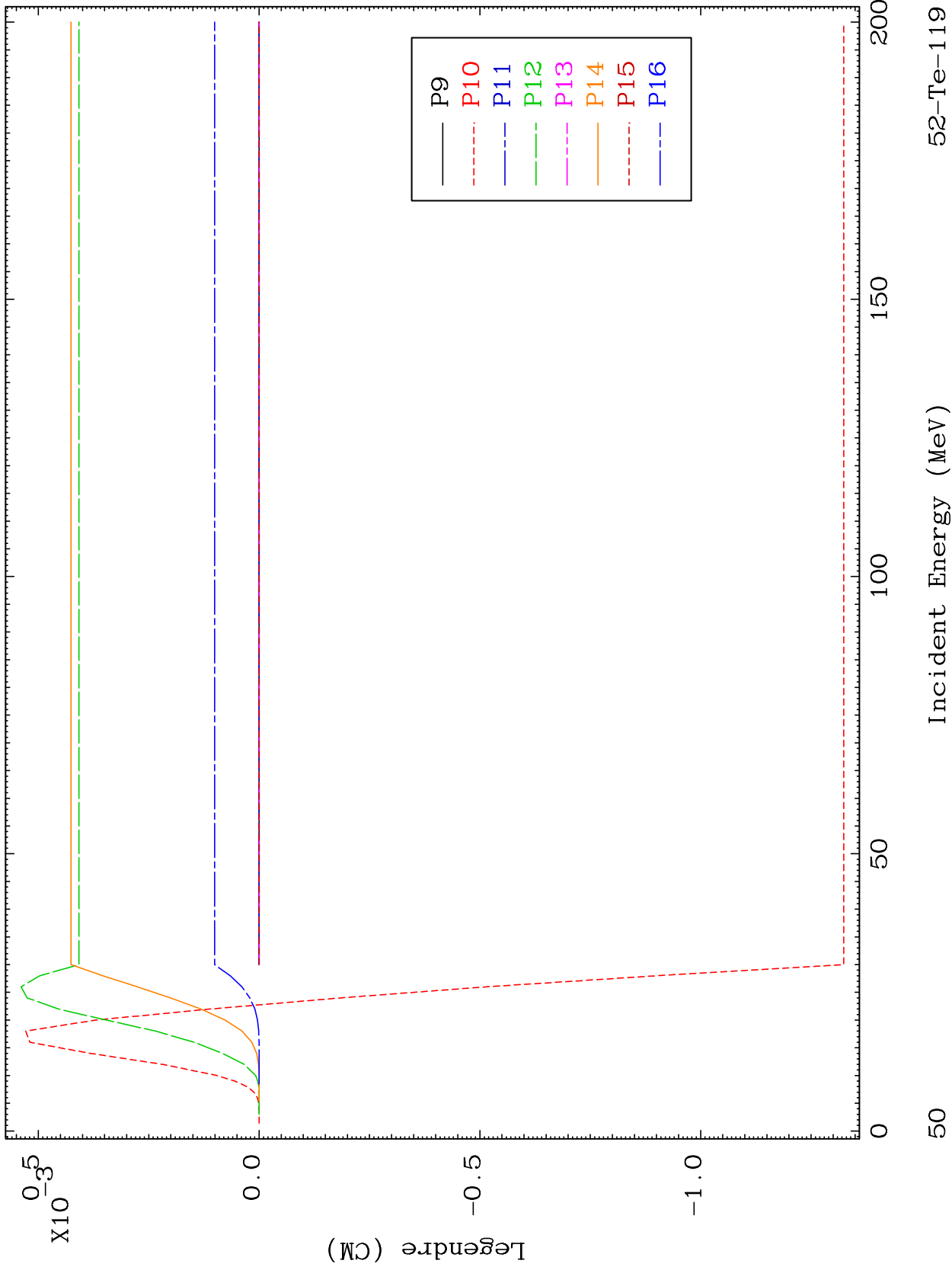
52-Te-119



MAT 5222

661.3 keV (n,n') Level
Legendre Coefficients

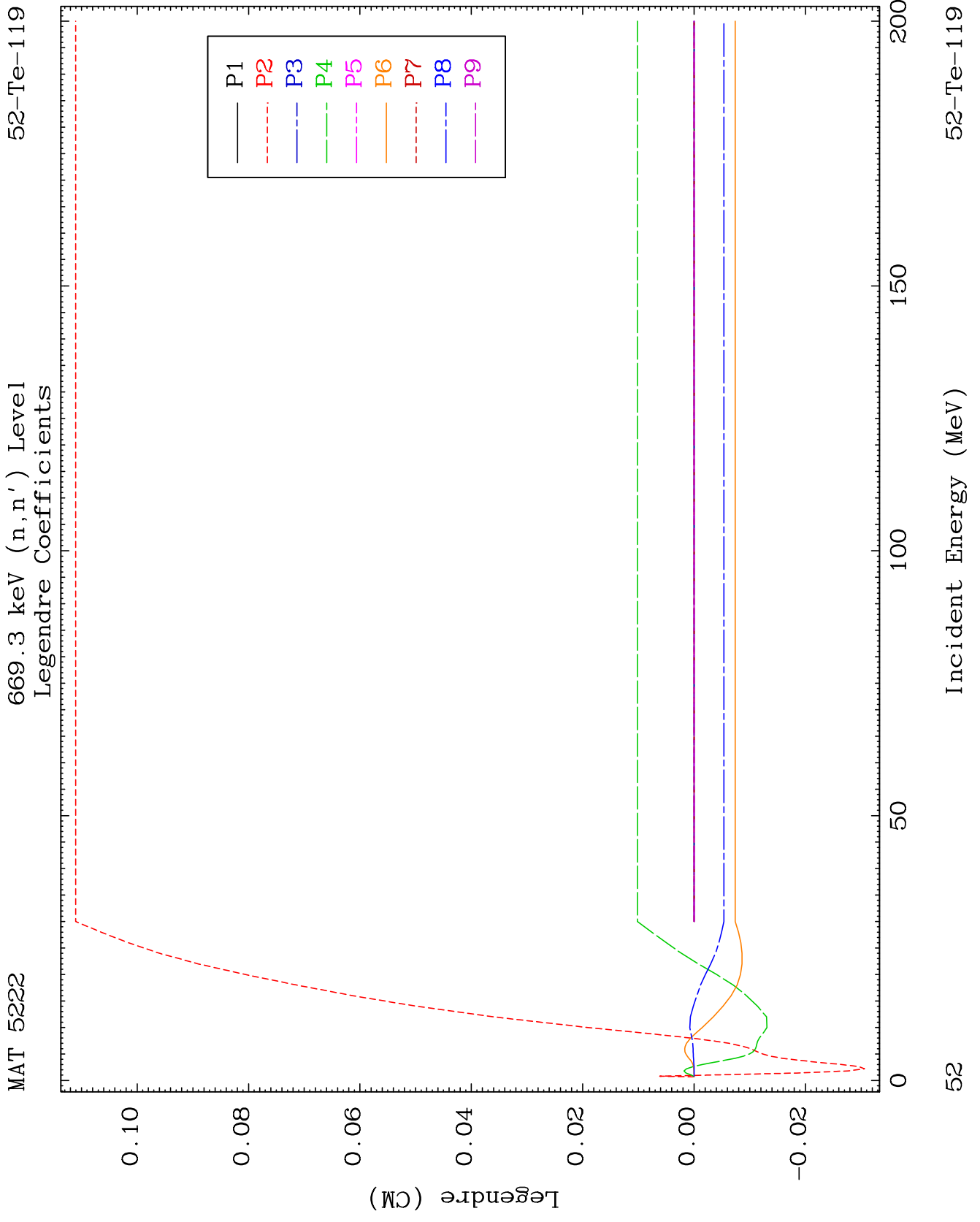
52-Te-119



52-Te-119

Incident Energy (MeV)

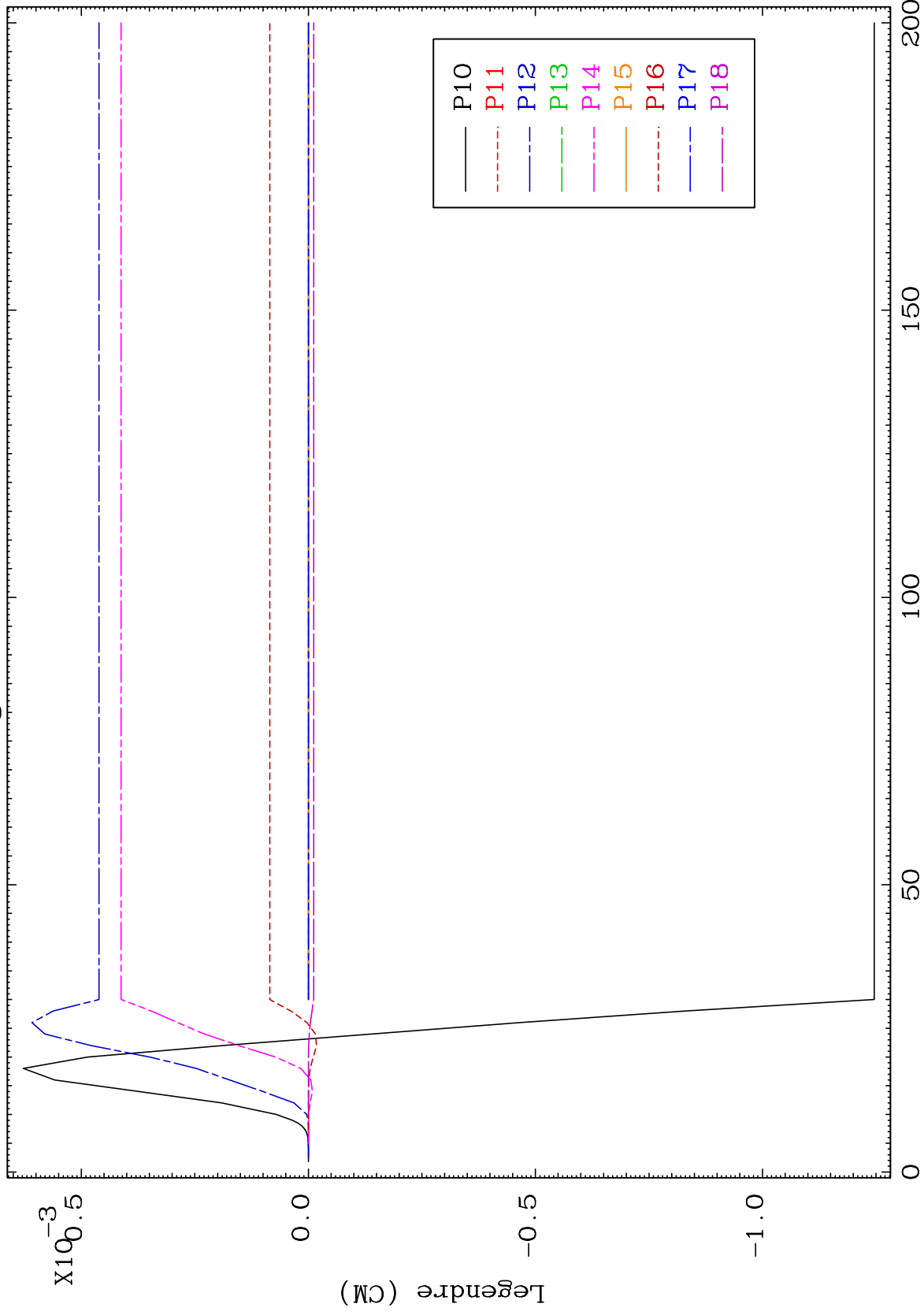
50



MAT 5222

669.3 keV (n,n') Level
Legendre Coefficients

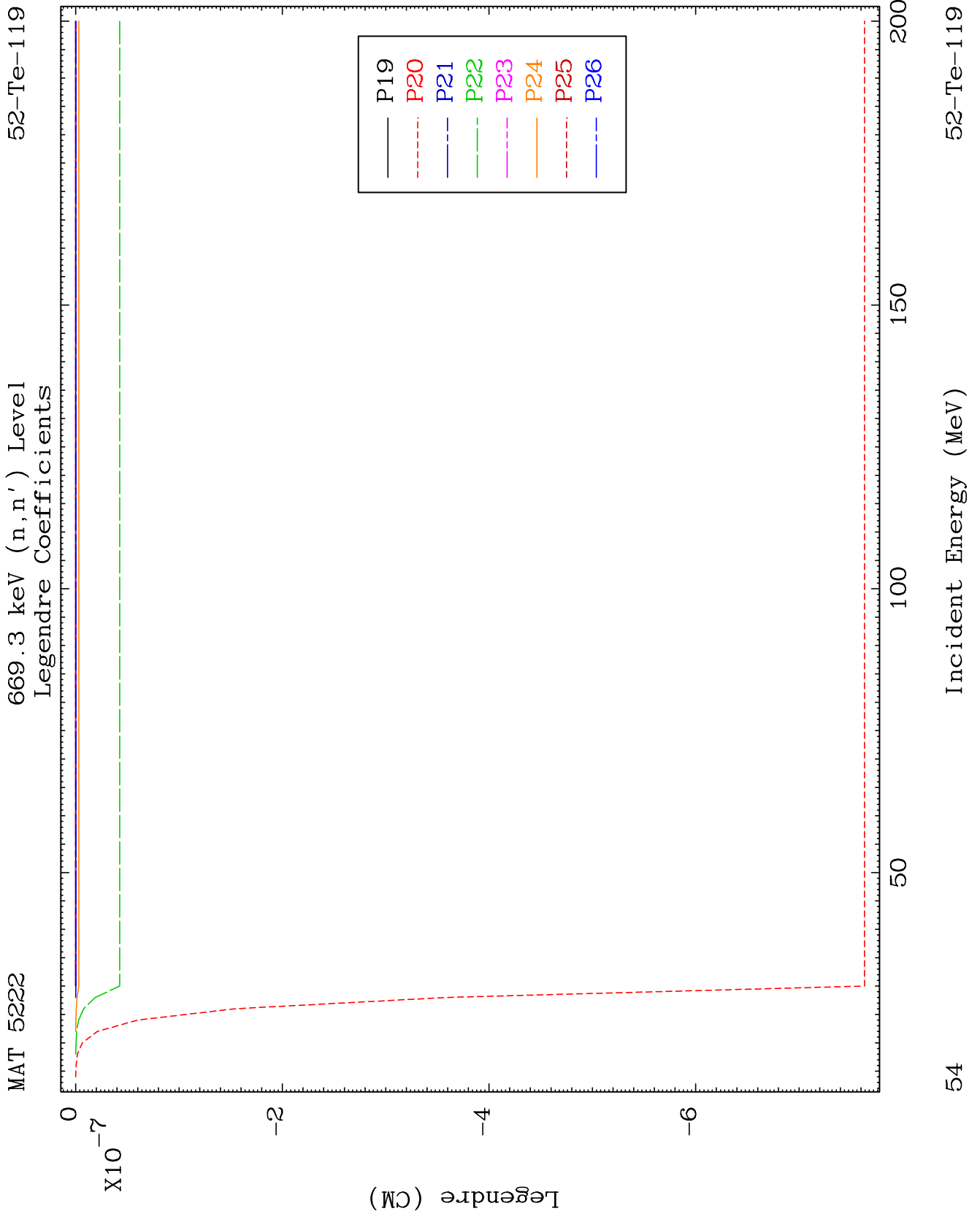
52-Te-119

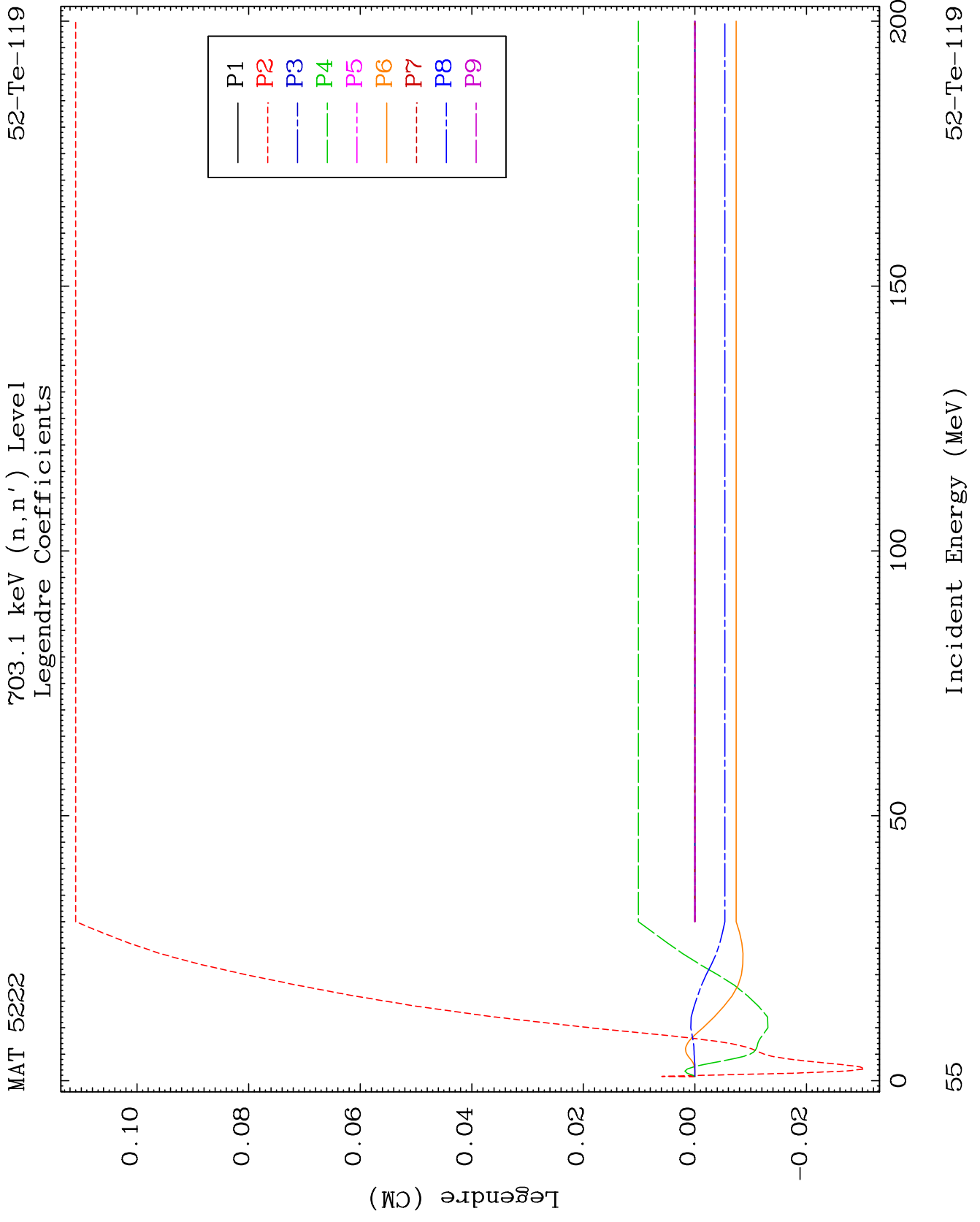


53

Incident Energy (MeV)

52-Te-119

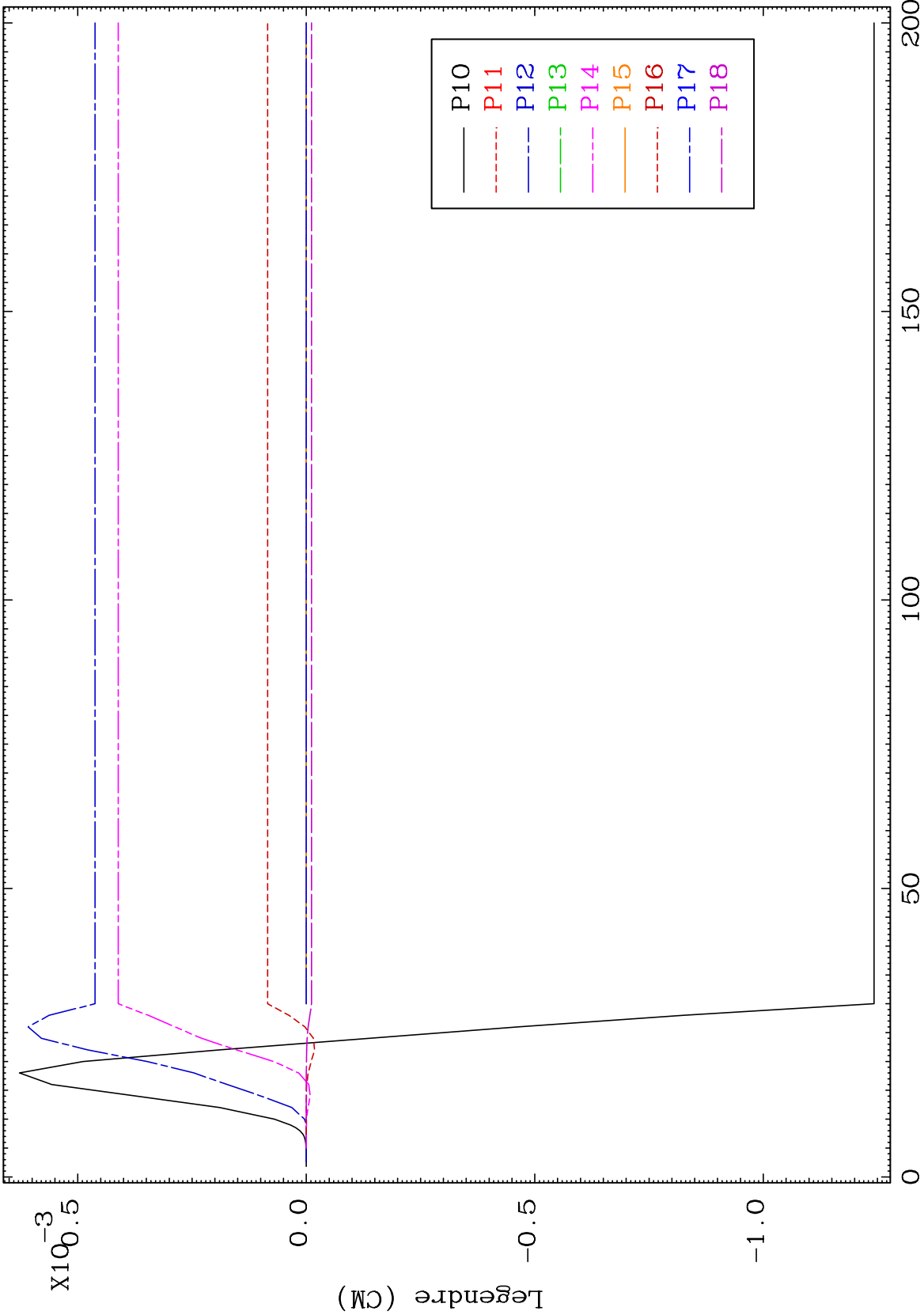




MAT 5222

703.1 keV (n,n') Level
Legendre Coefficients

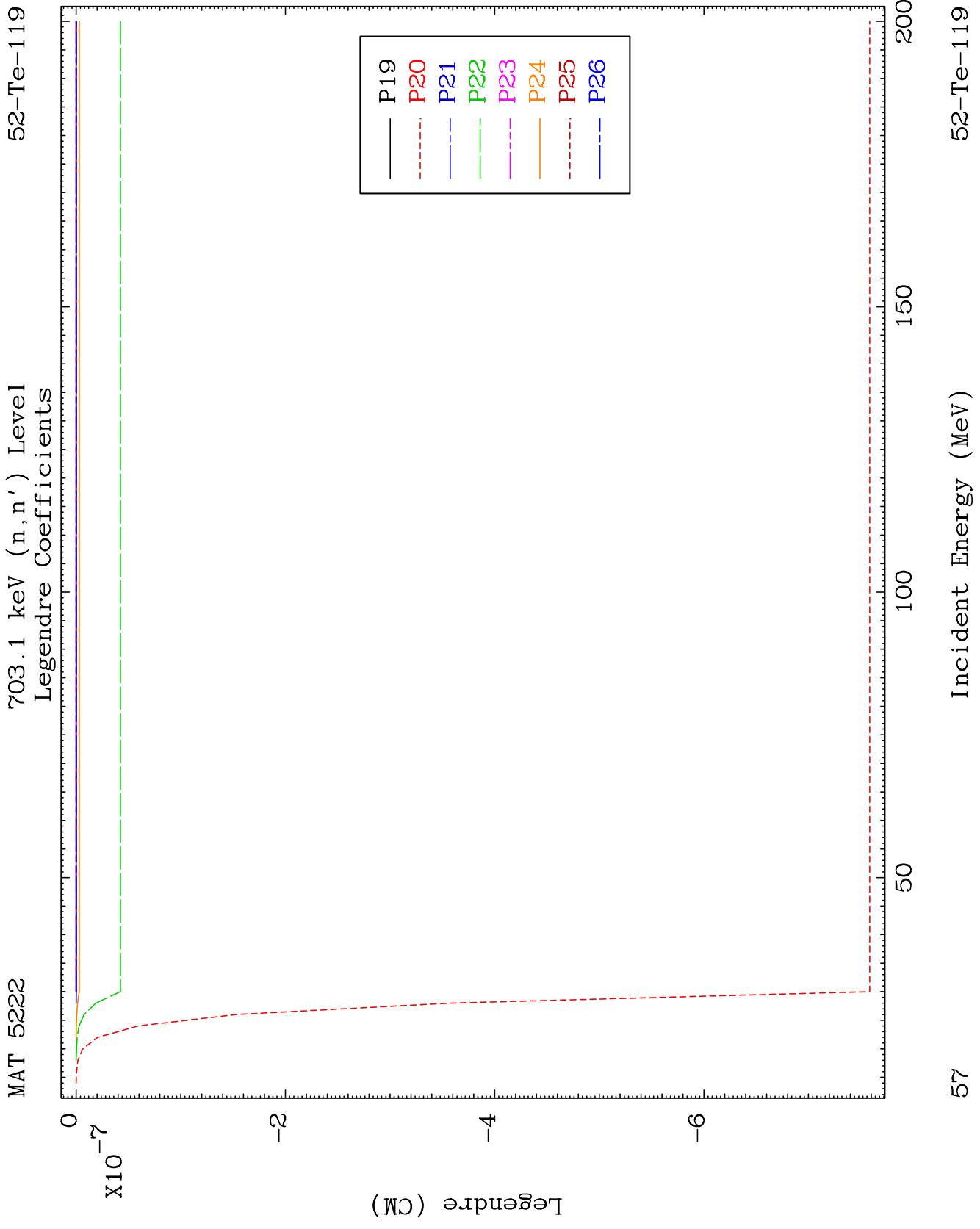
52-Te-119

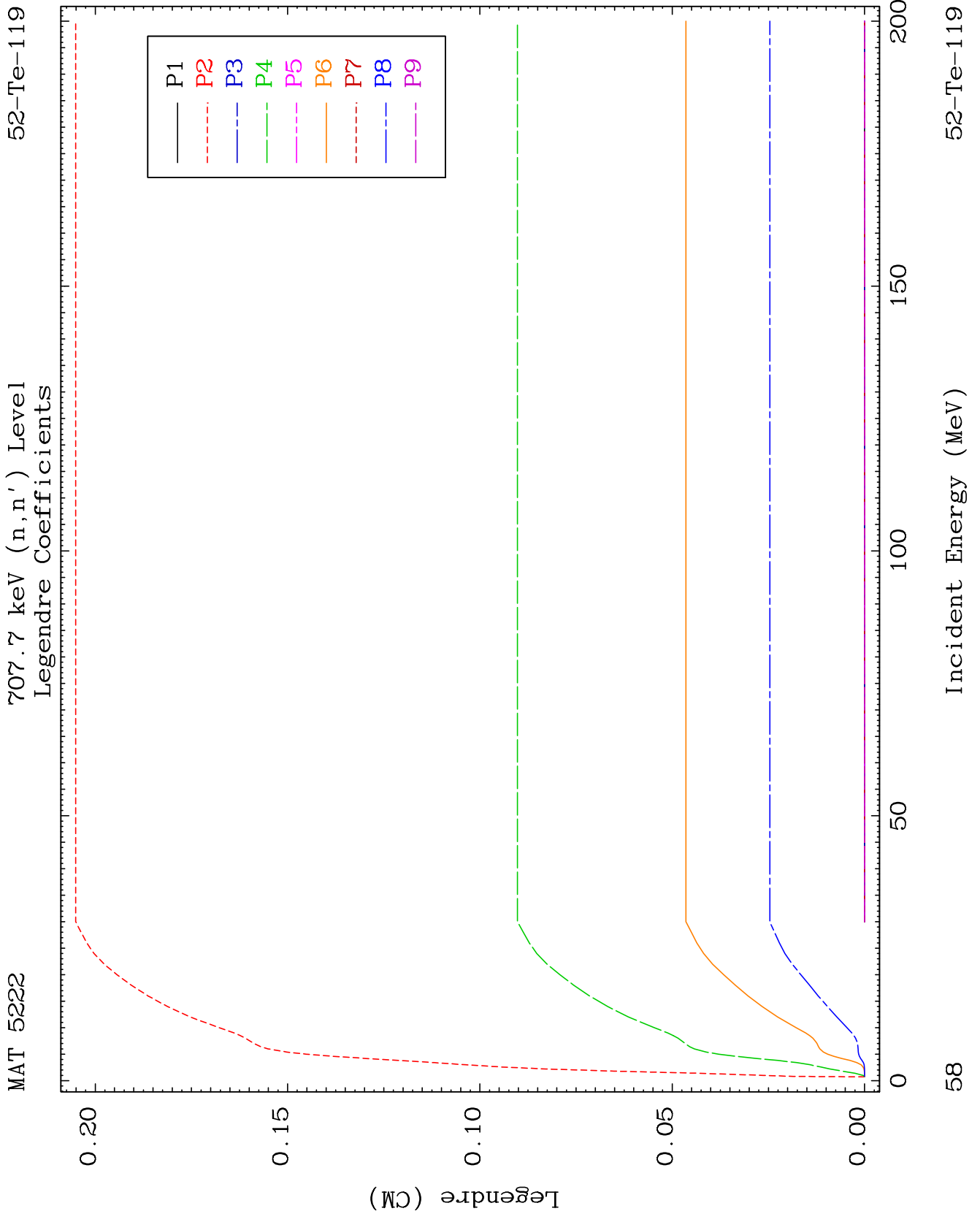


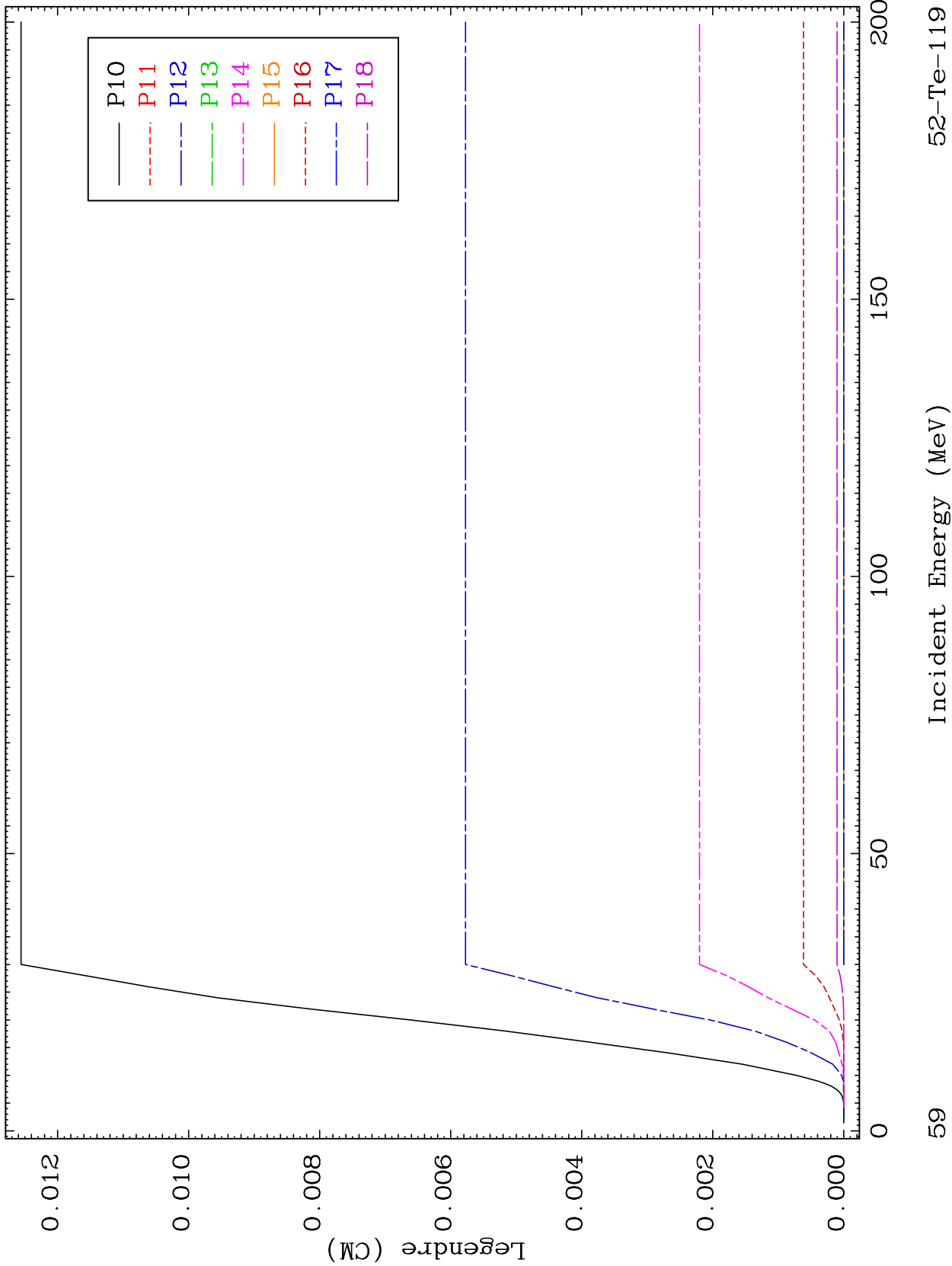
56

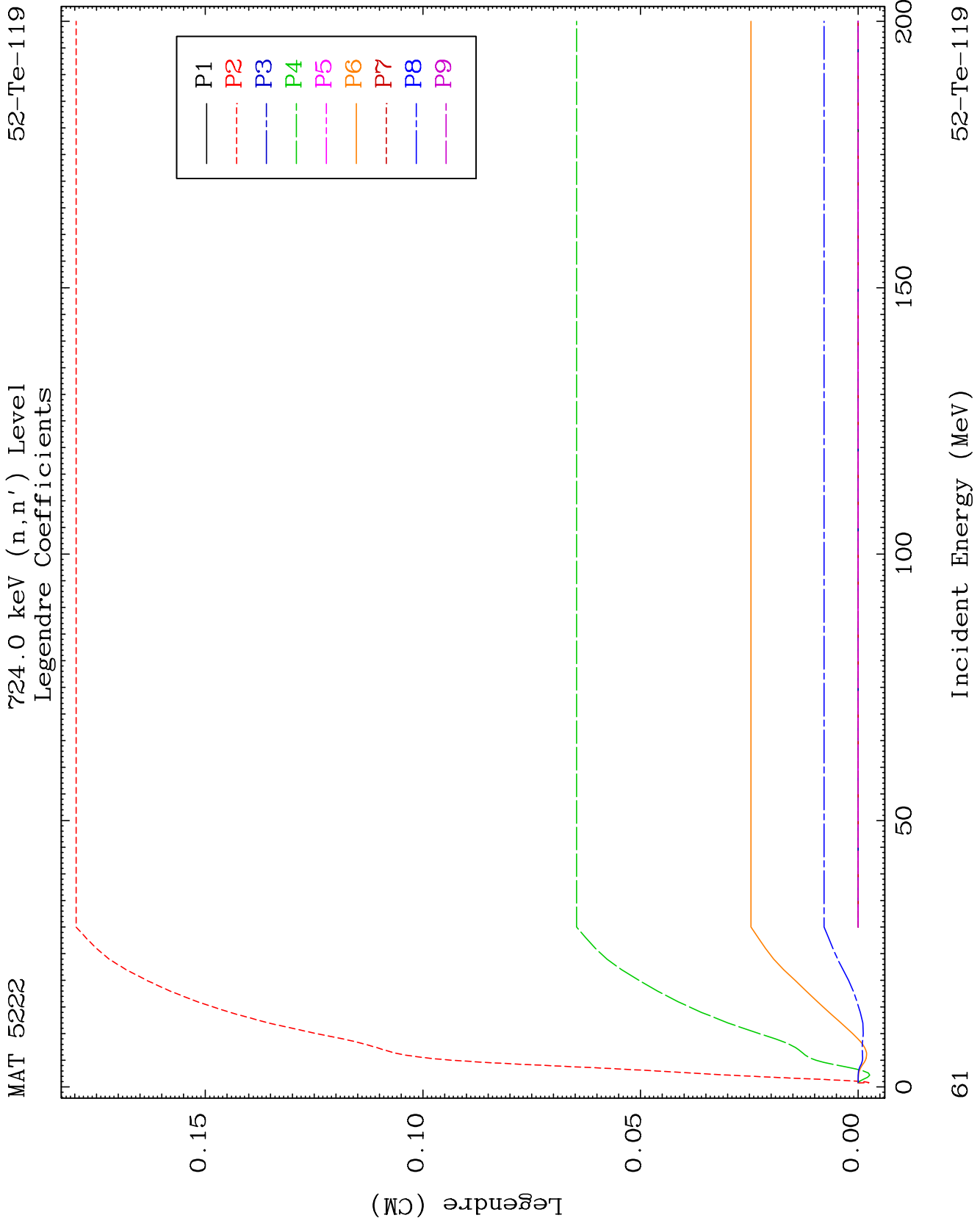
Incident Energy (MeV)

52-Te-119





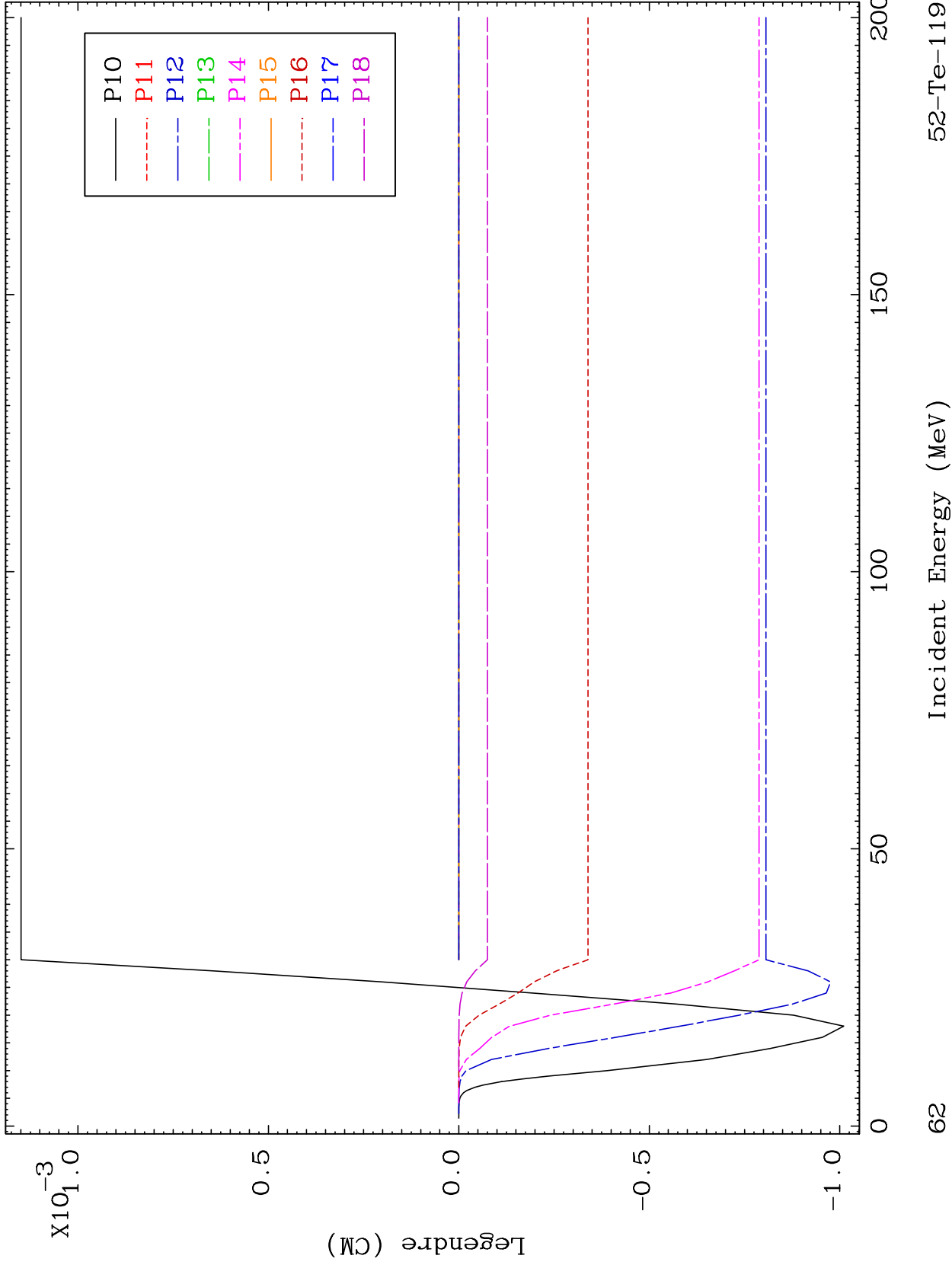




MAT 5222

724.0 keV (n,n') Level
Legendre Coefficients

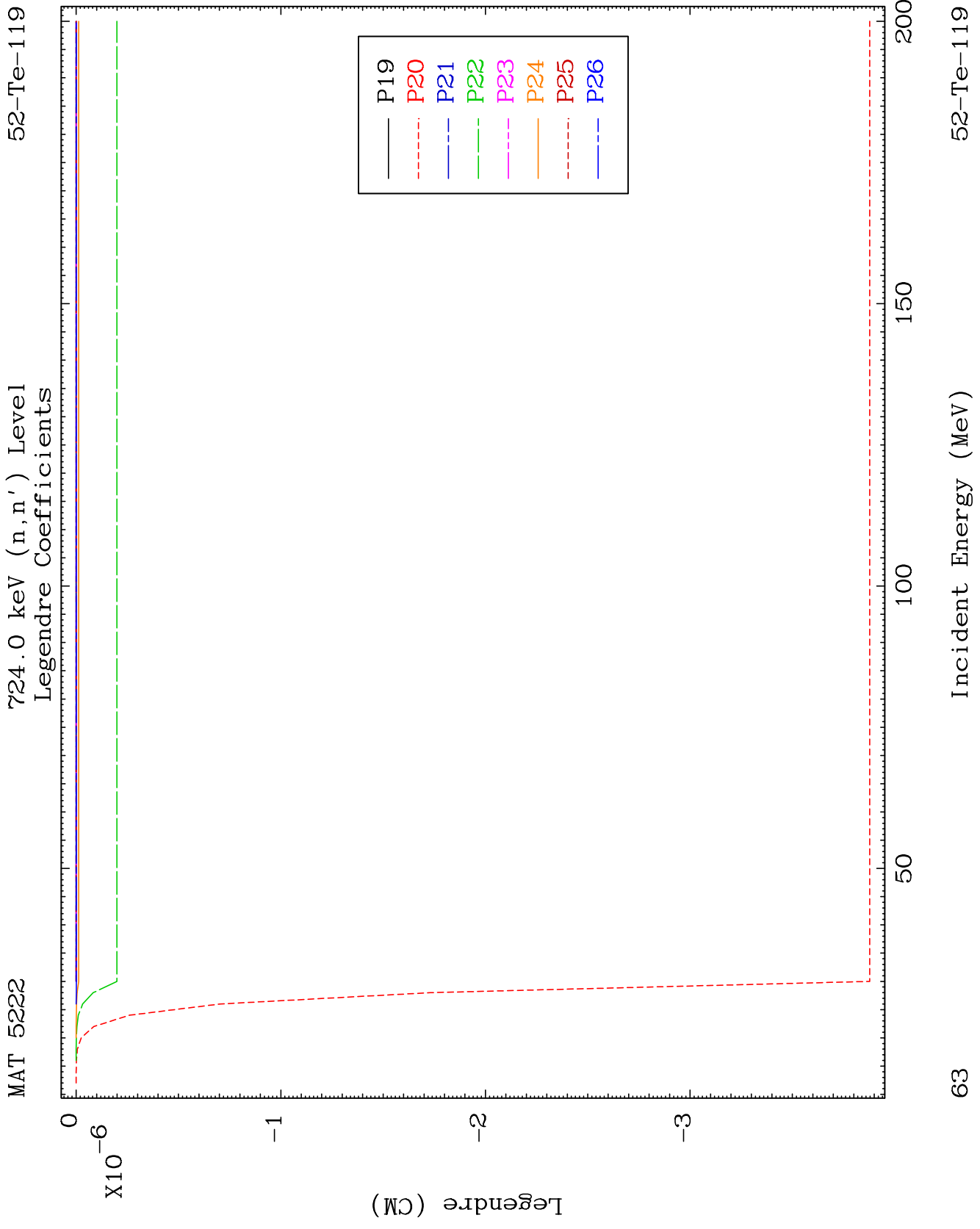
52-Te-119



62

Incident Energy (MeV)

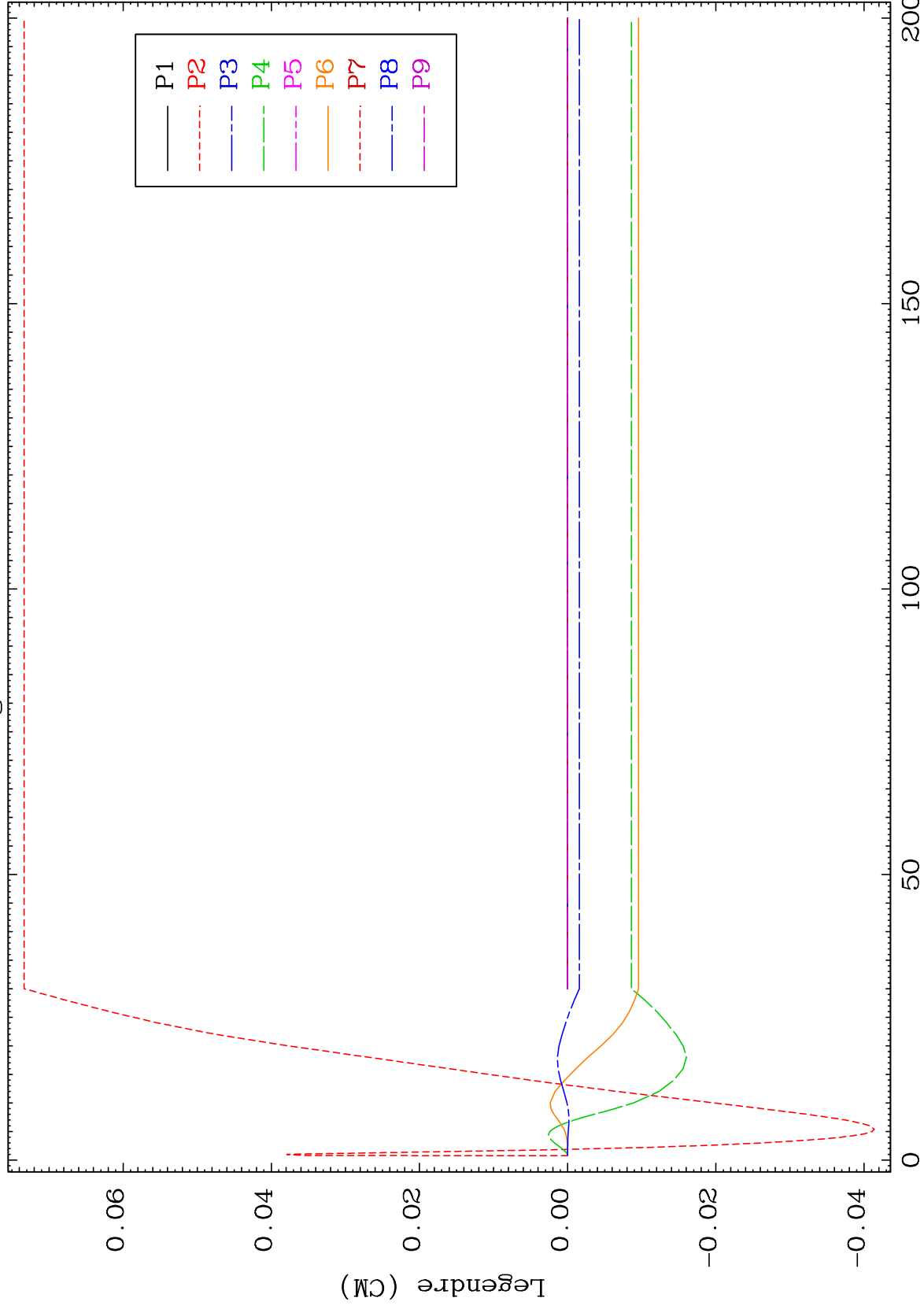
52-Te-119



MAT 5222

743.1 keV (n,n') Level
Legendre Coefficients

52-Te-119



52-Te-119

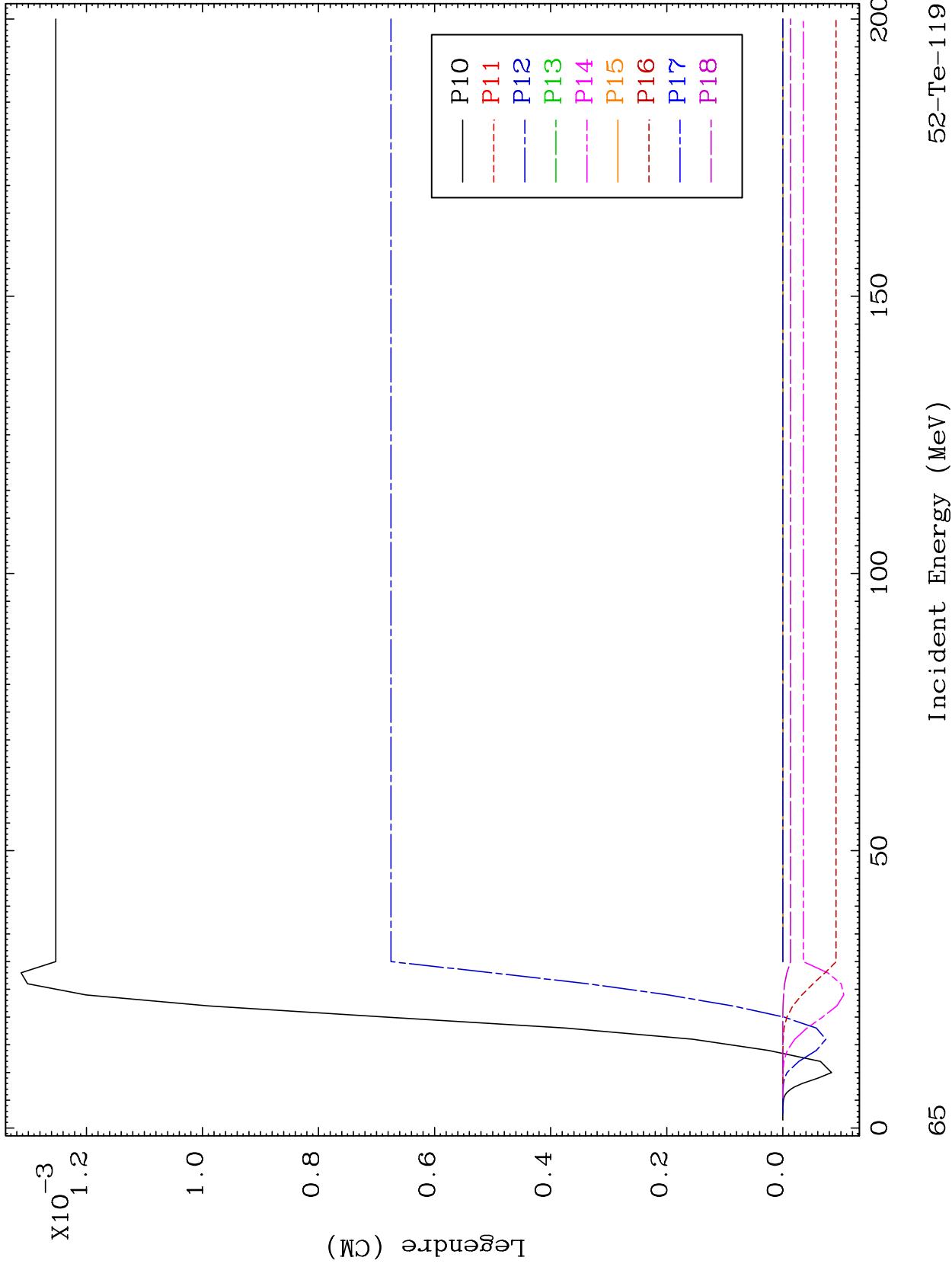
Incident Energy (MeV)

64

MAT 5222

743.1 keV (n,n') Level
Legendre Coefficients

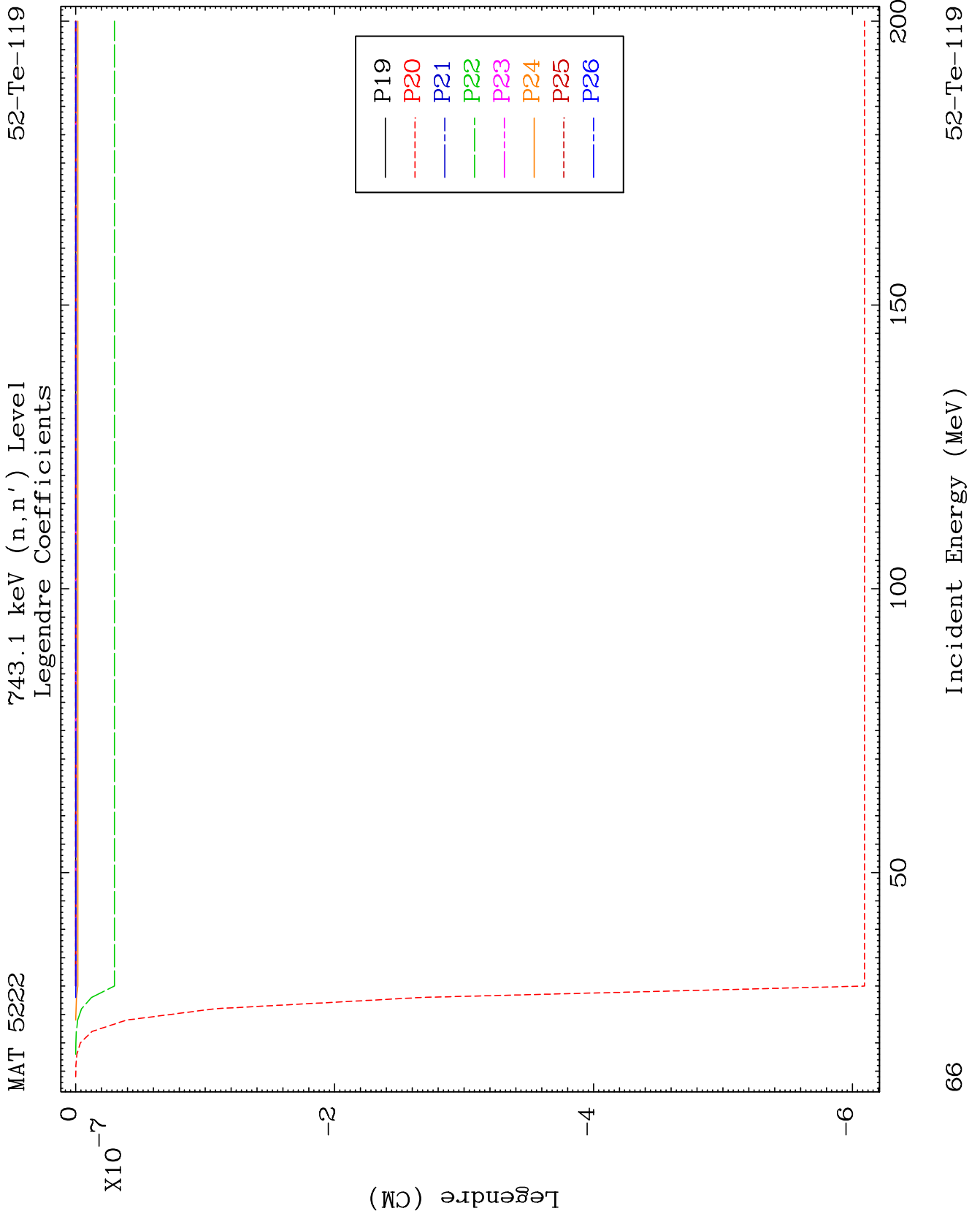
52-Te-119

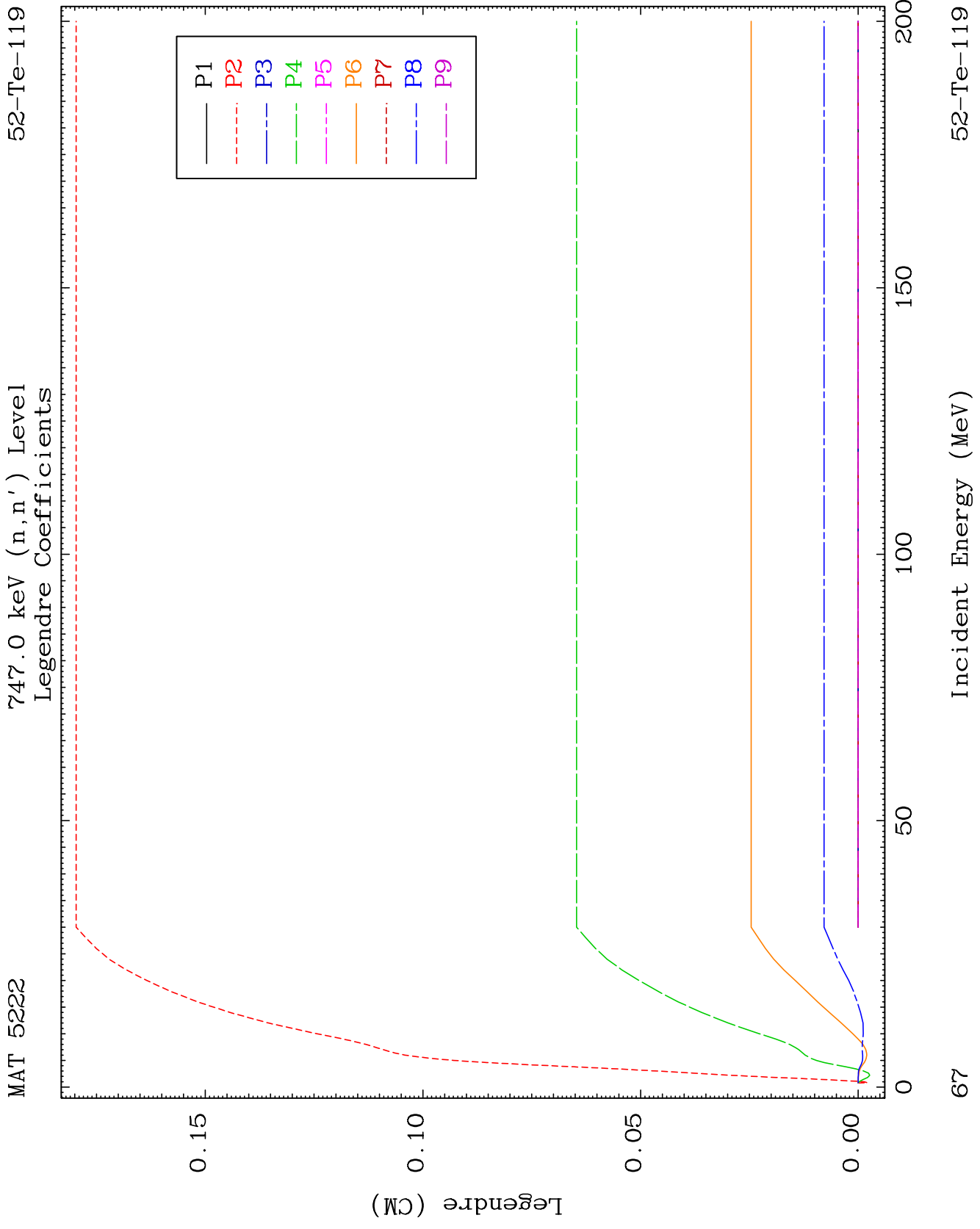


52-Te-119

Incident Energy (MeV)

65

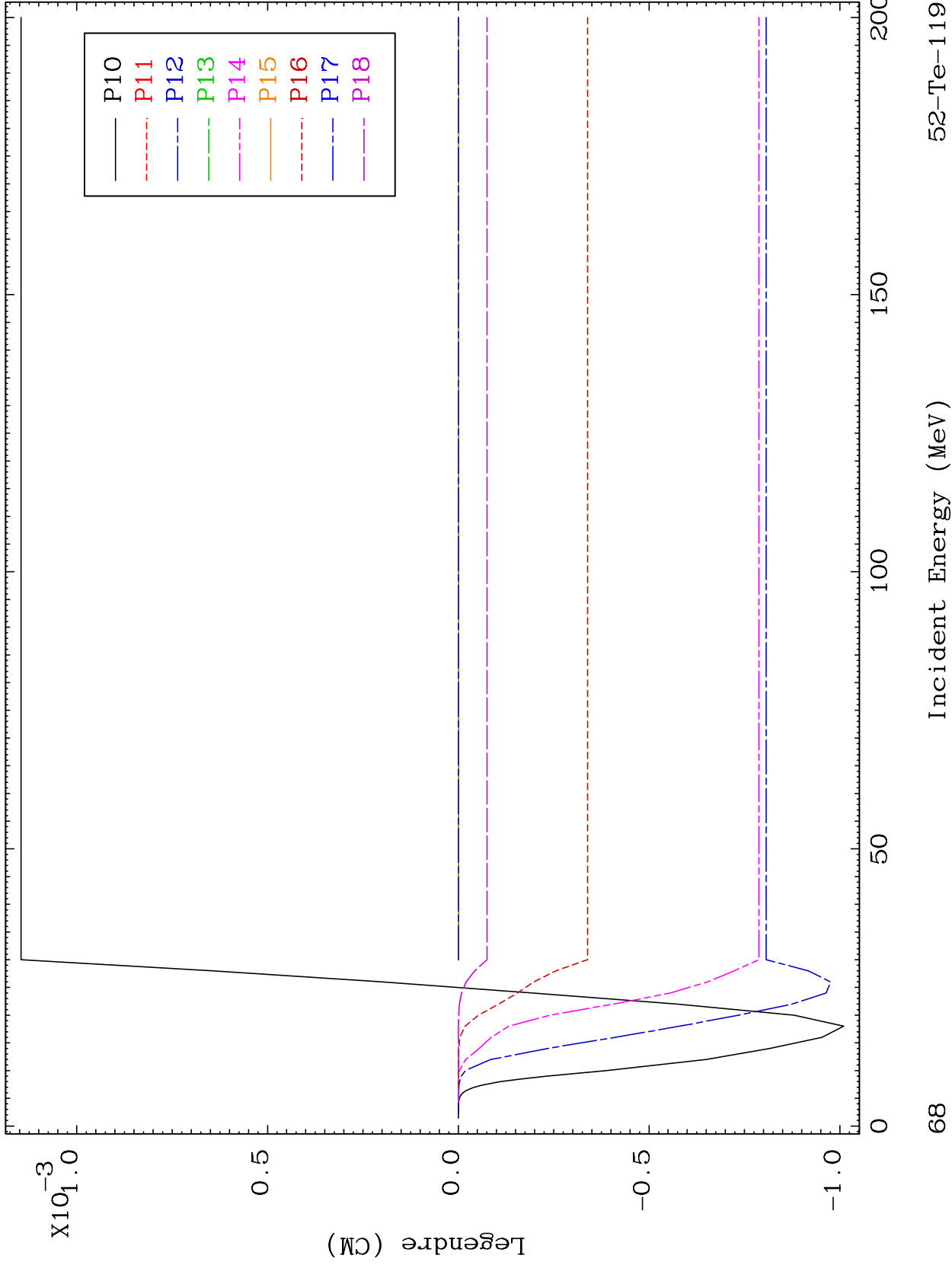


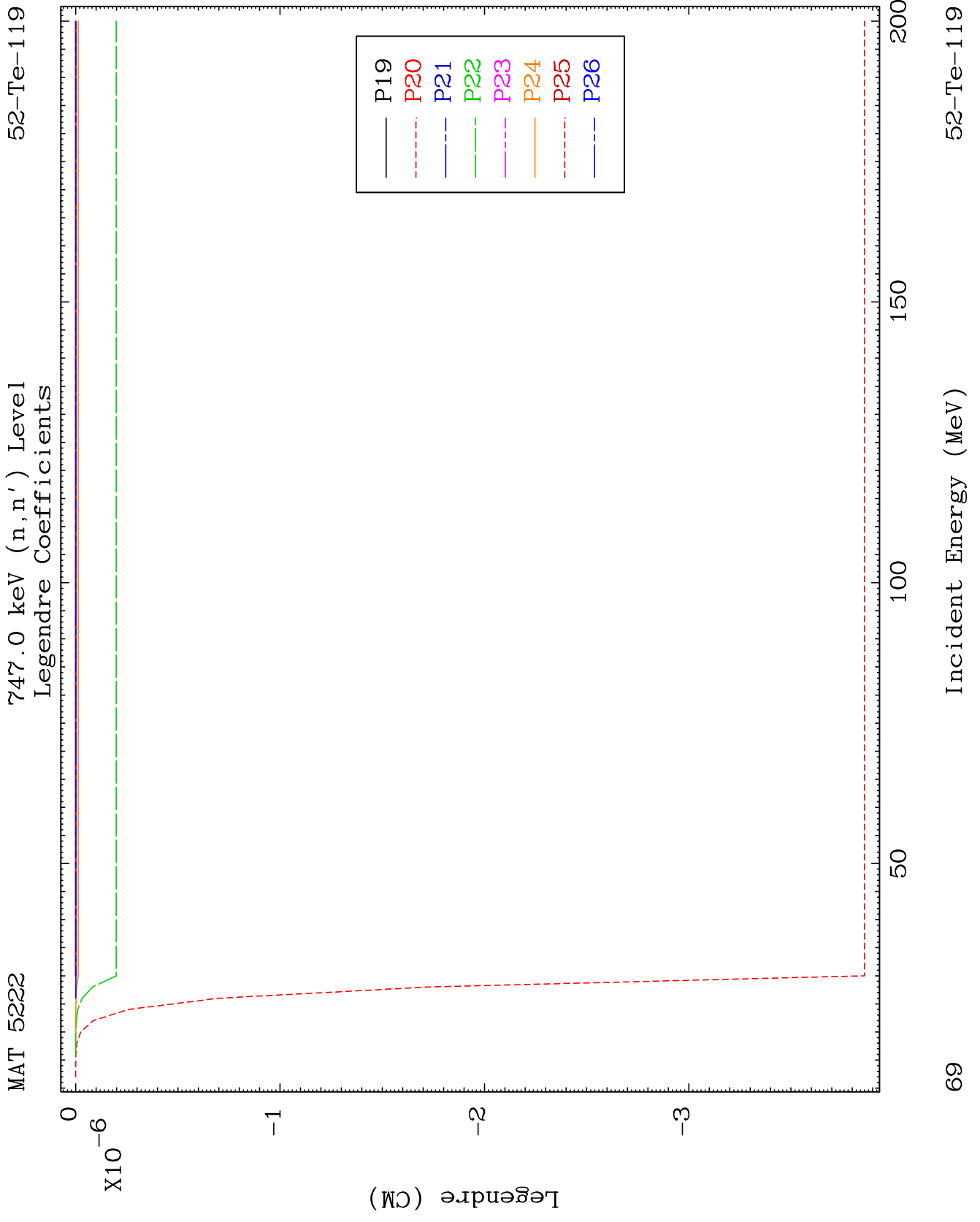


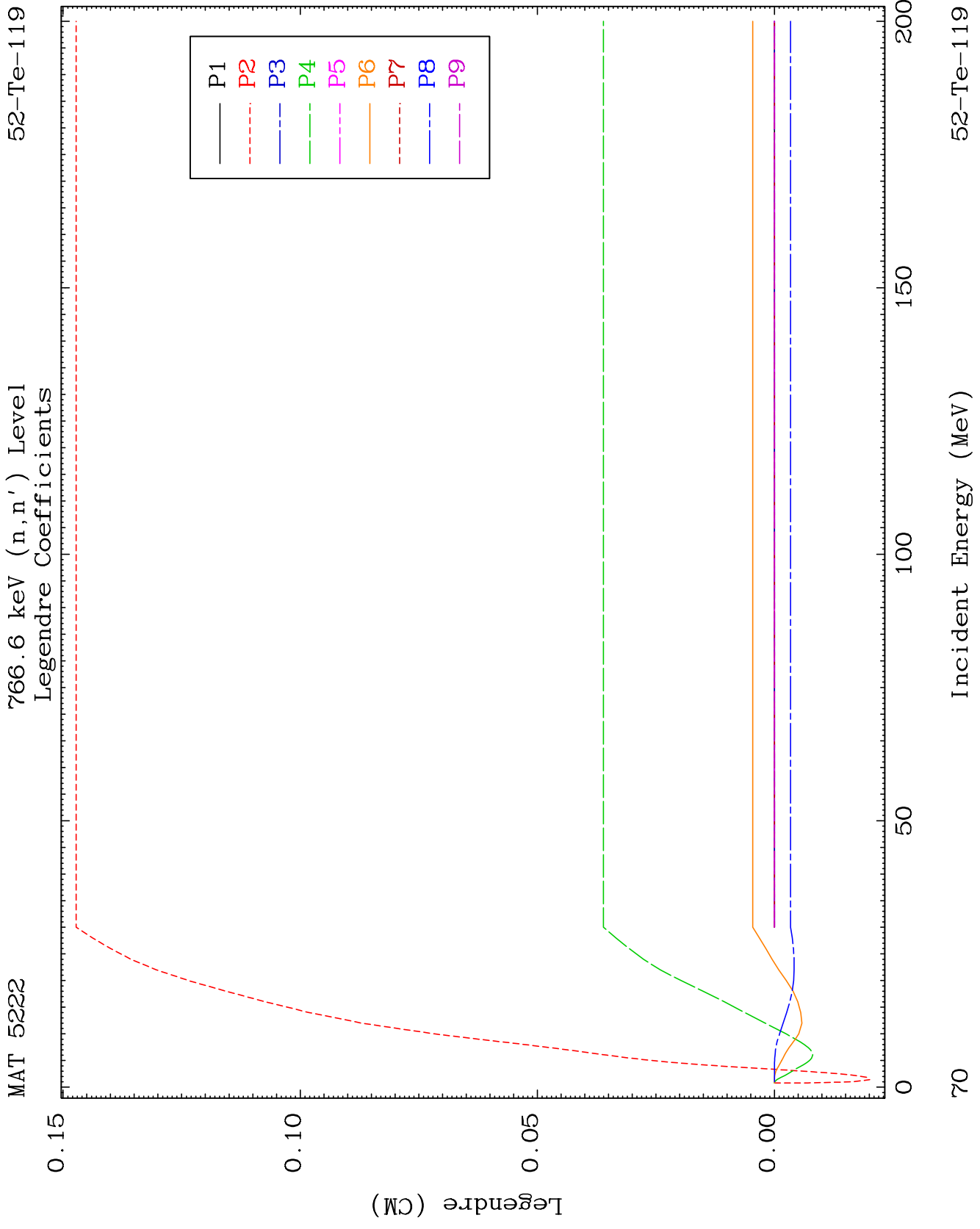
MAT 5222

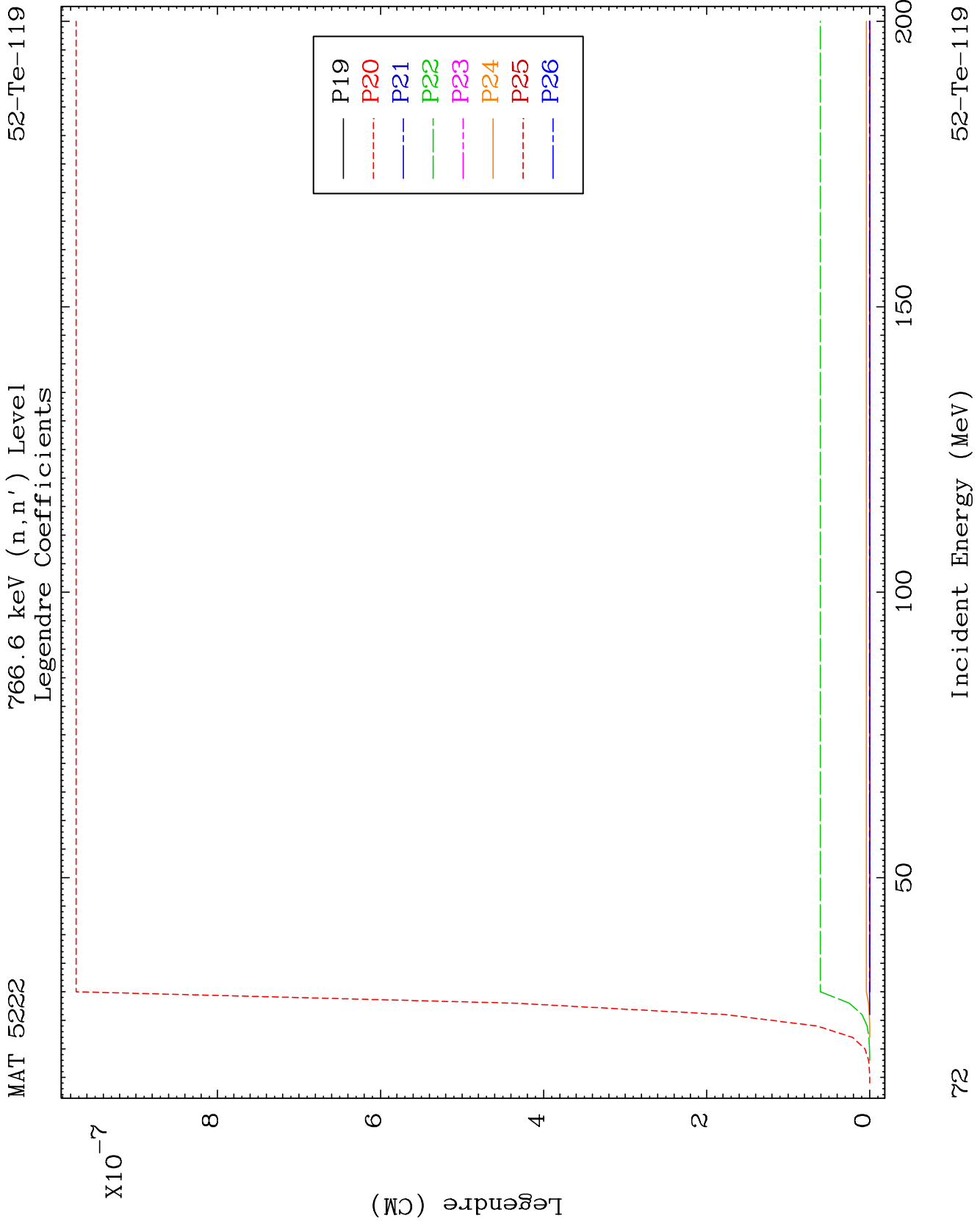
747.0 keV (n,n') Level
Legendre Coefficients

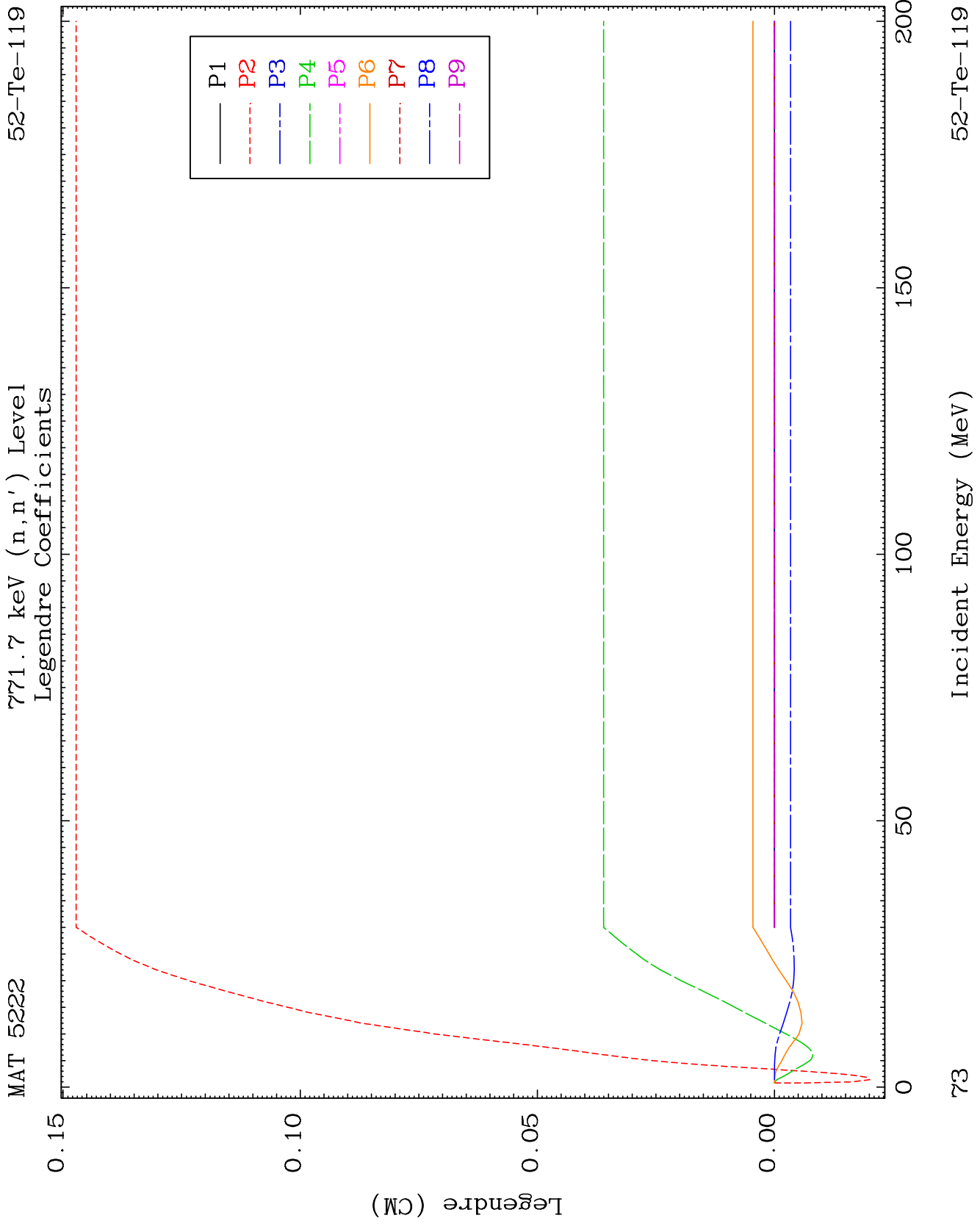
52-Te-119

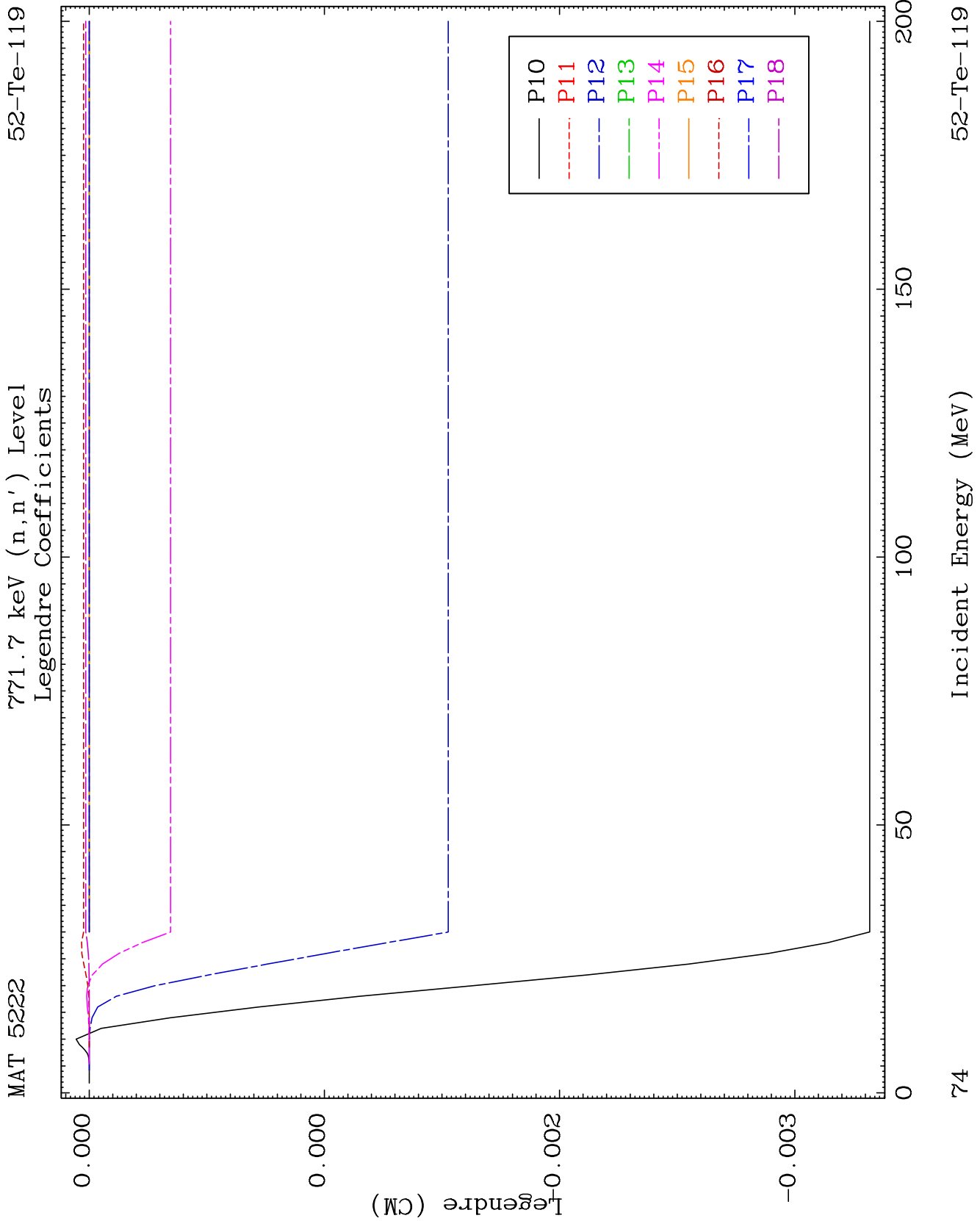


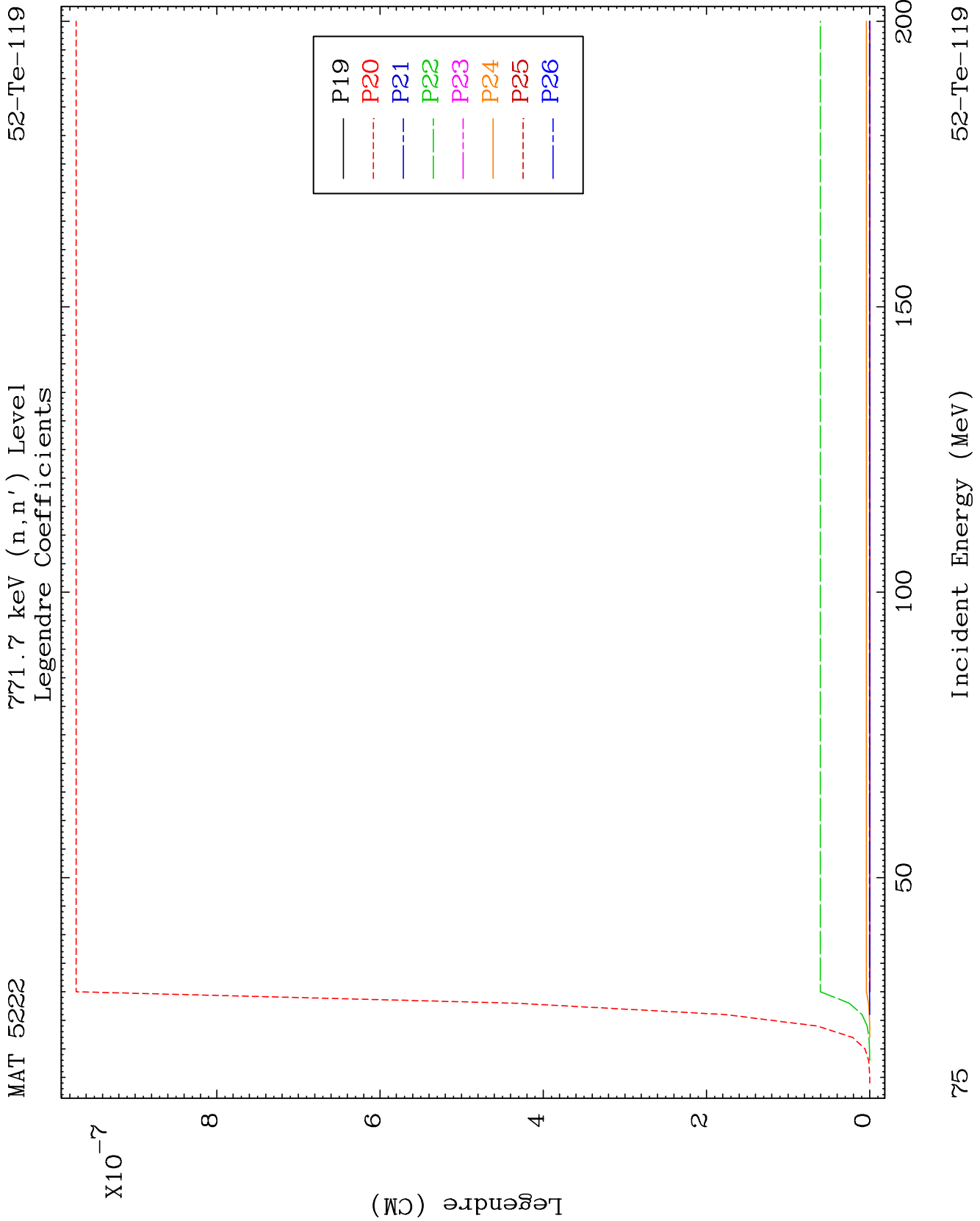


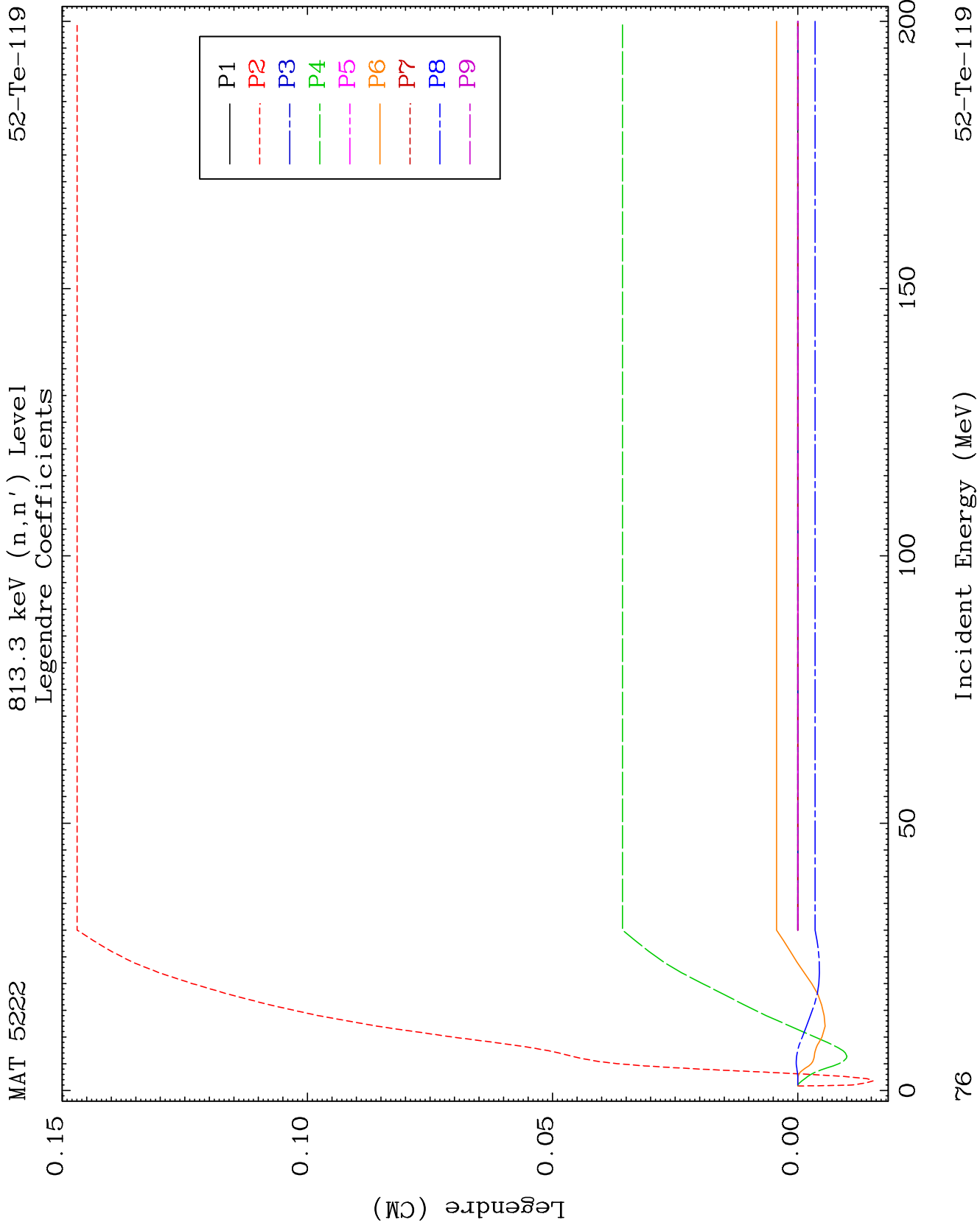


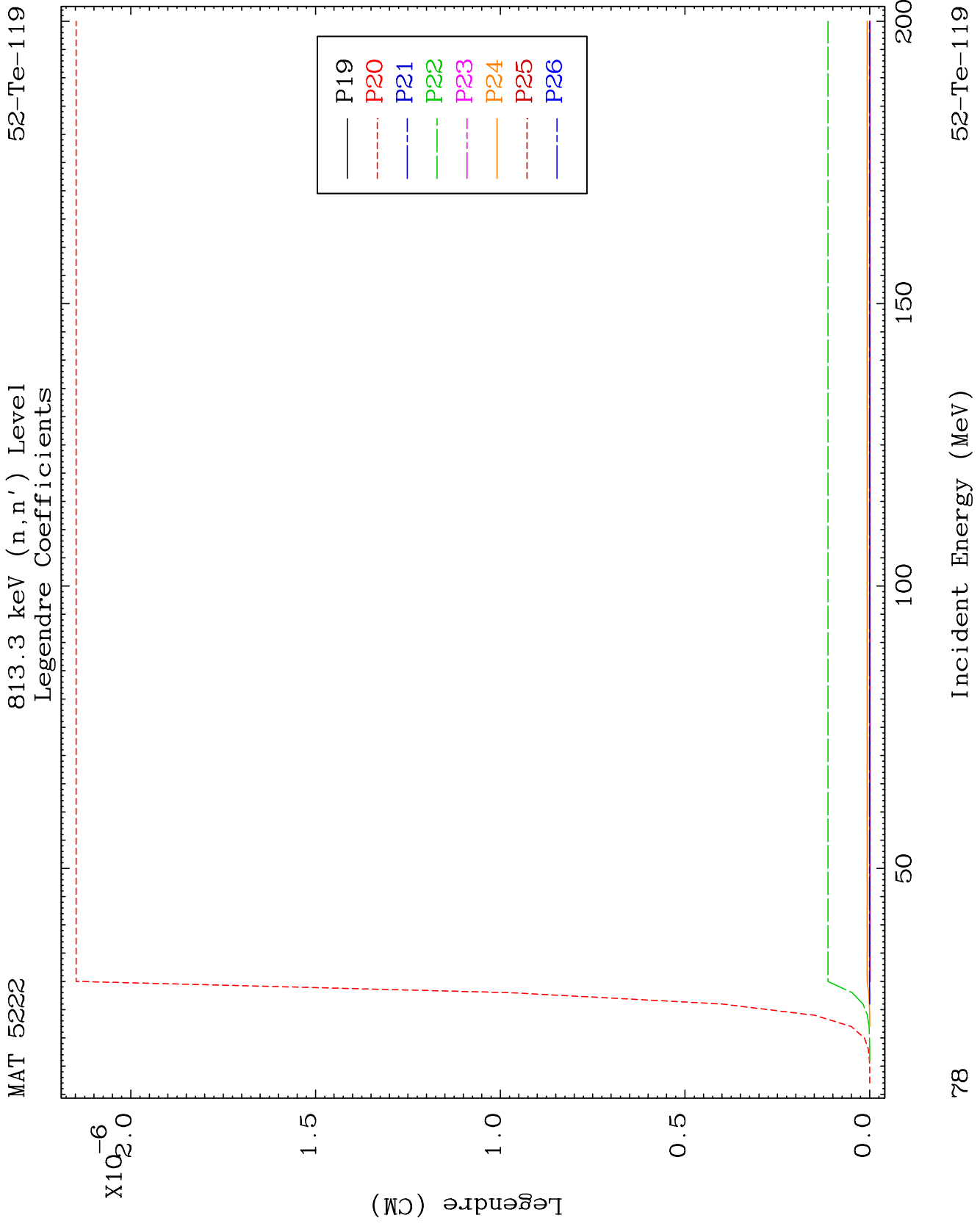


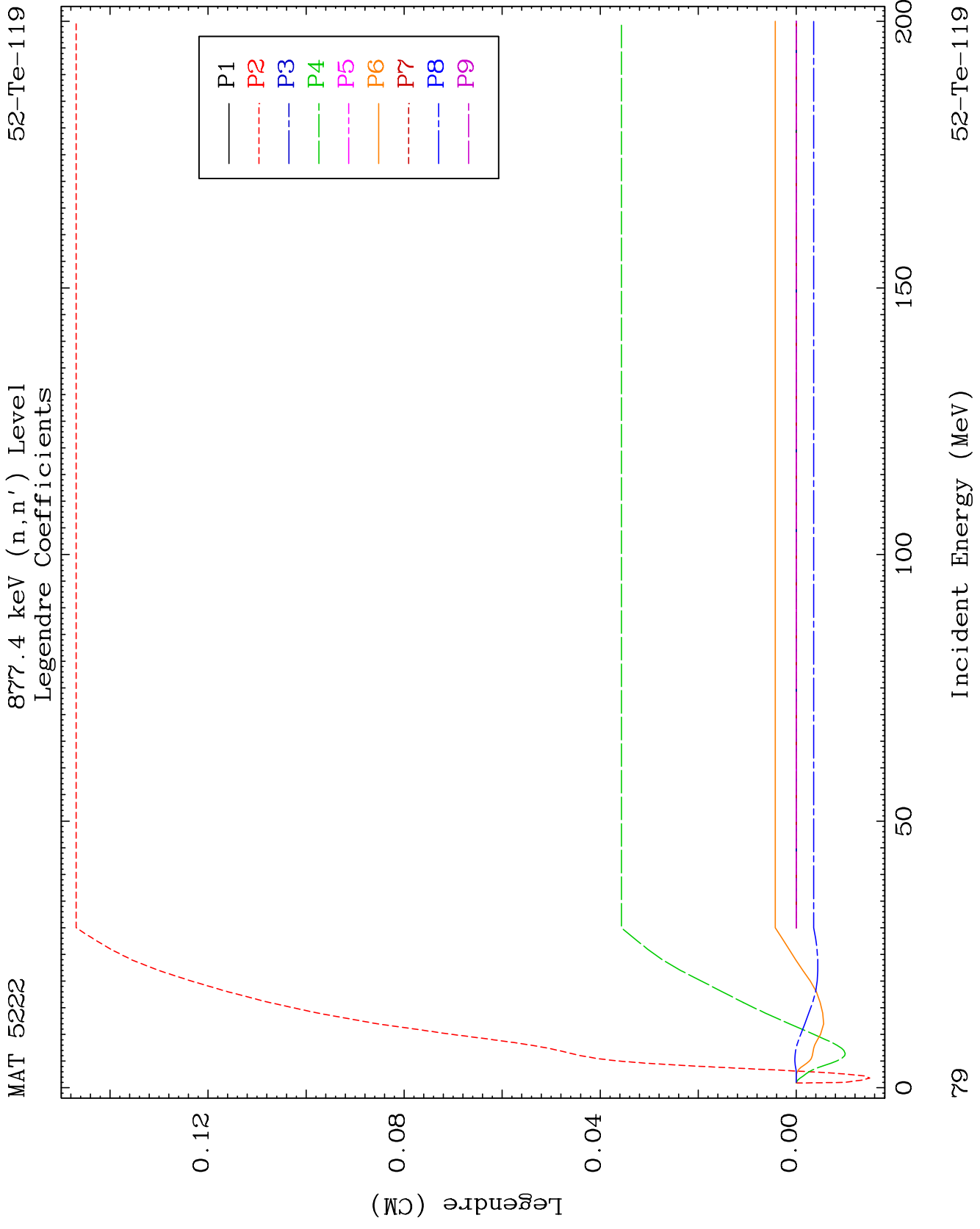


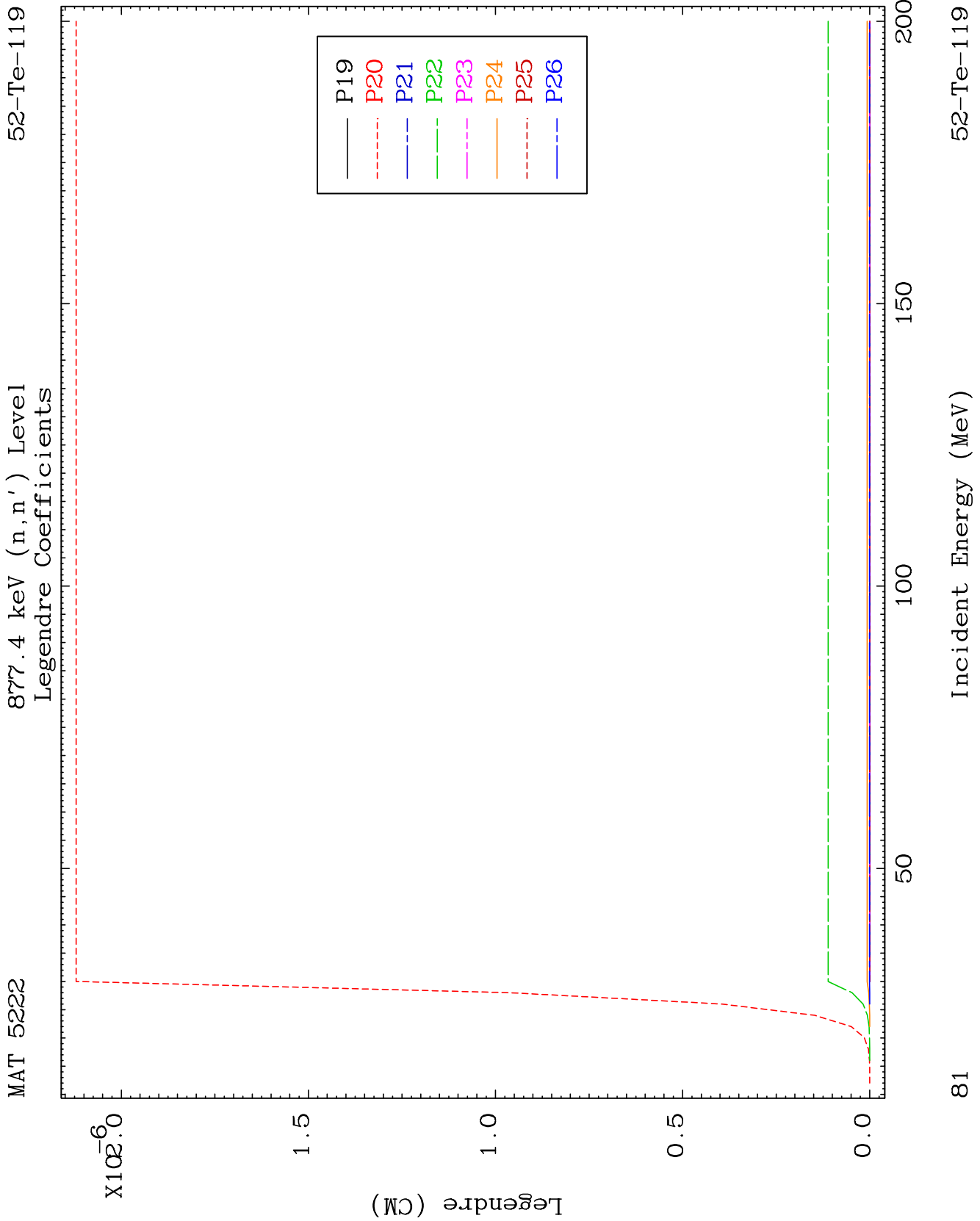


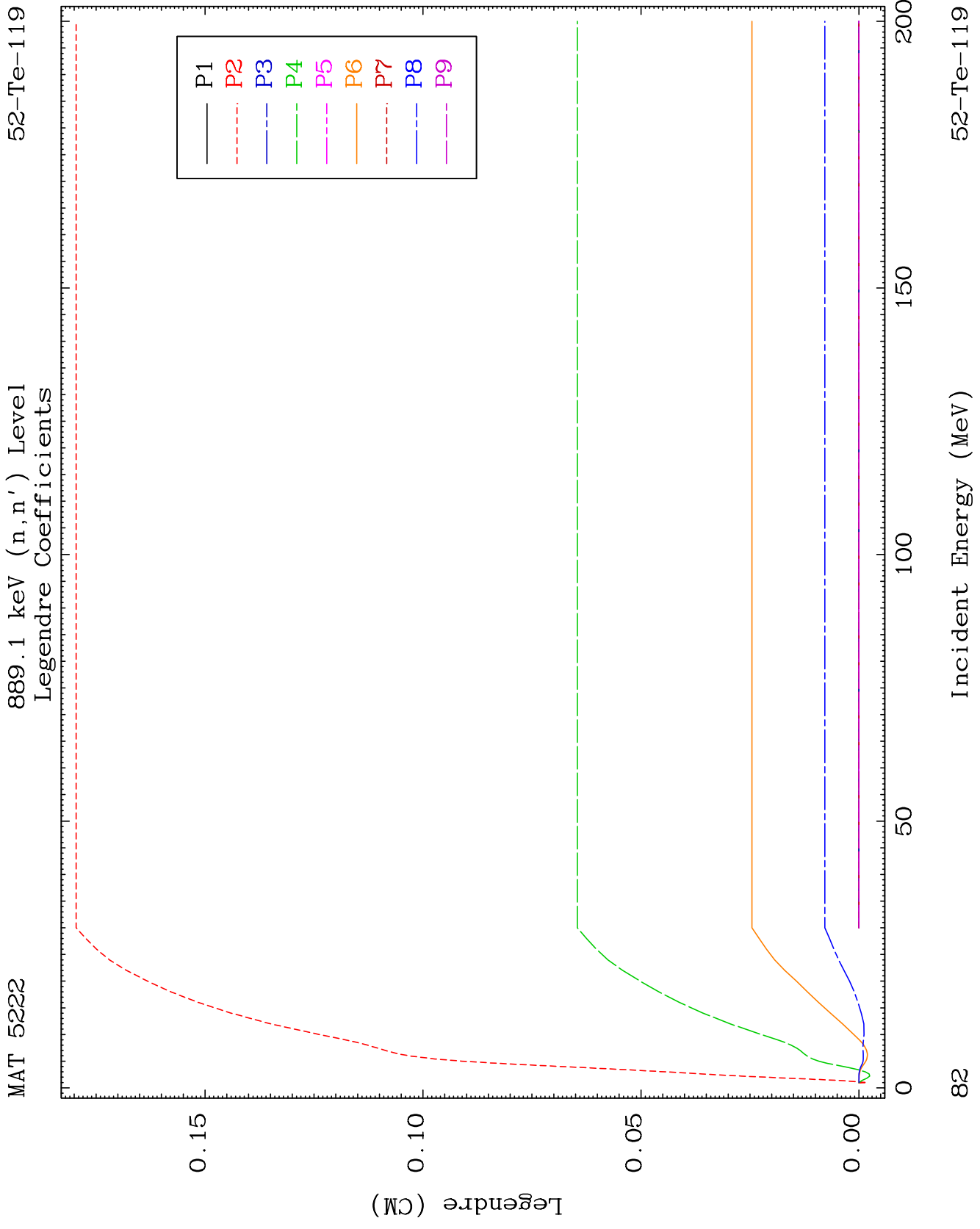








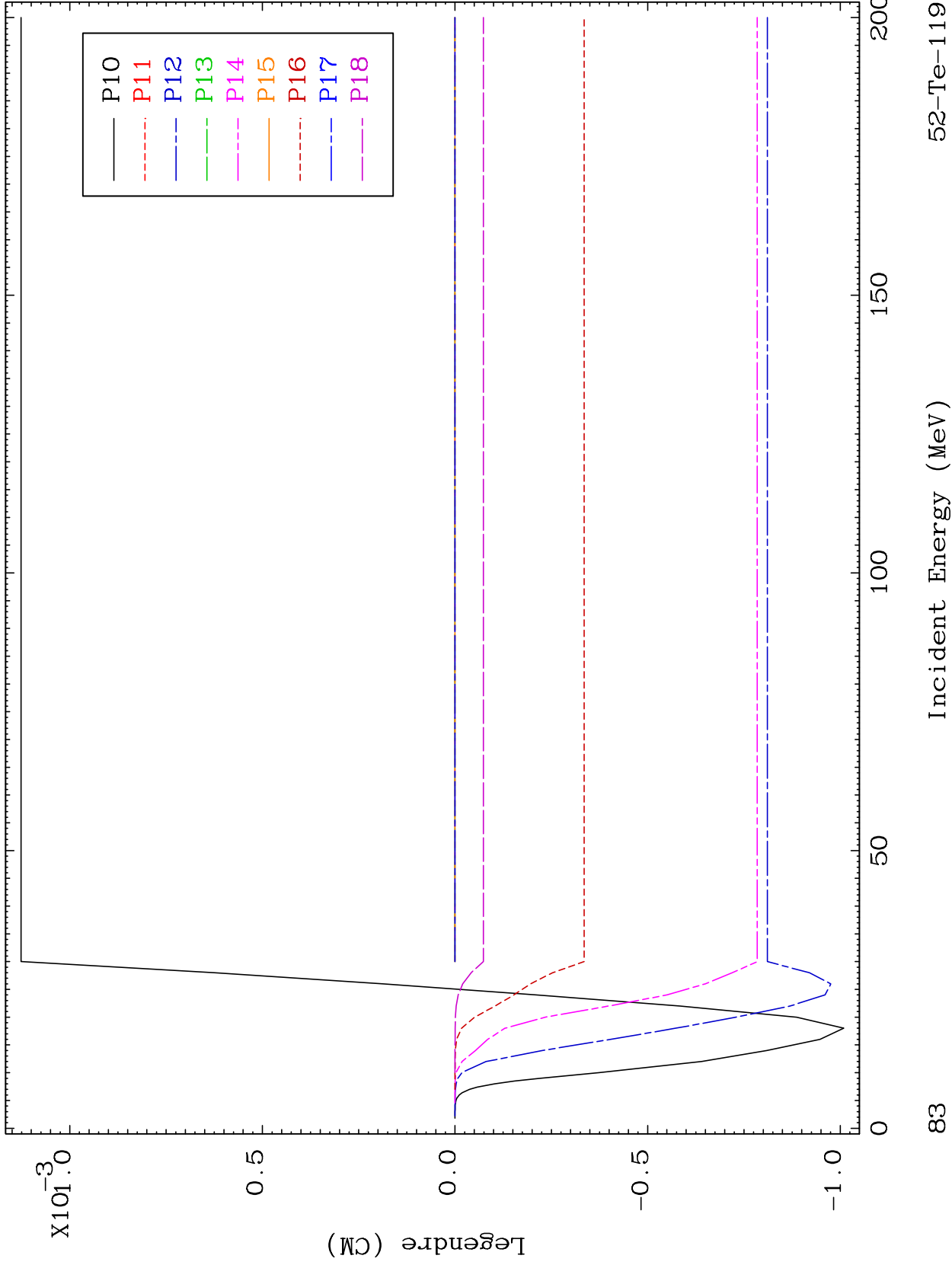




MAT 5222

889.1 keV (n,n') Level
Legendre Coefficients

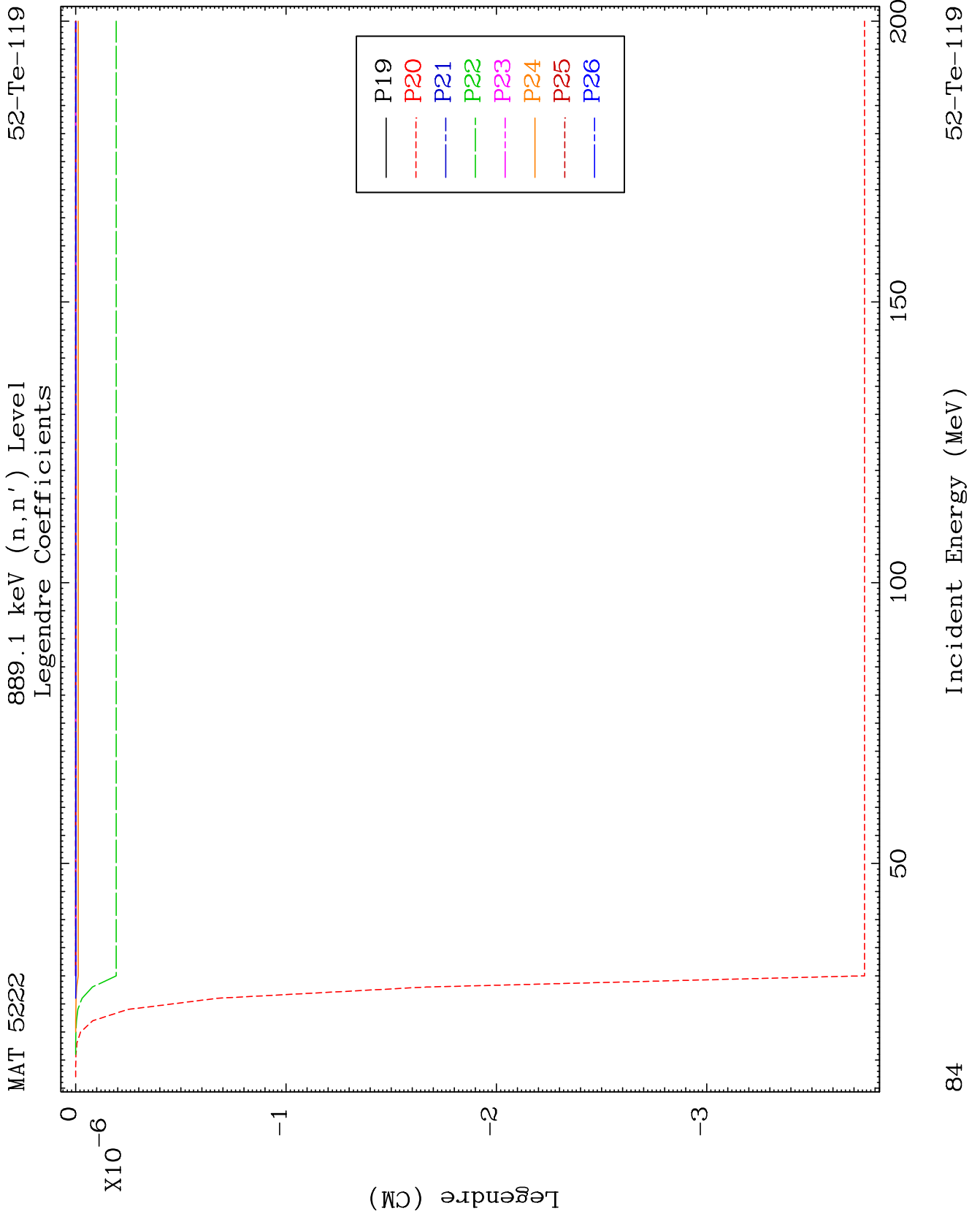
52-Te-119

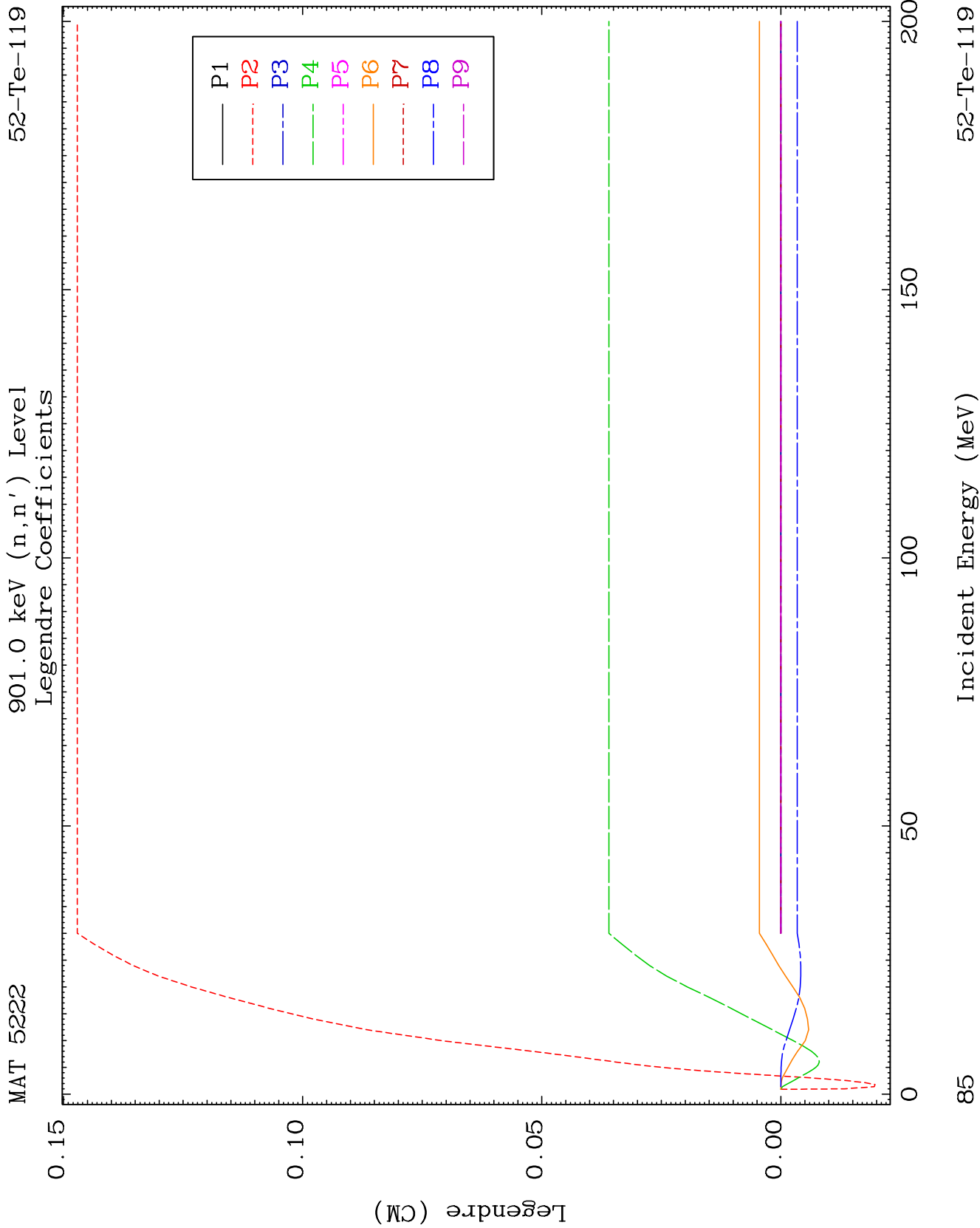


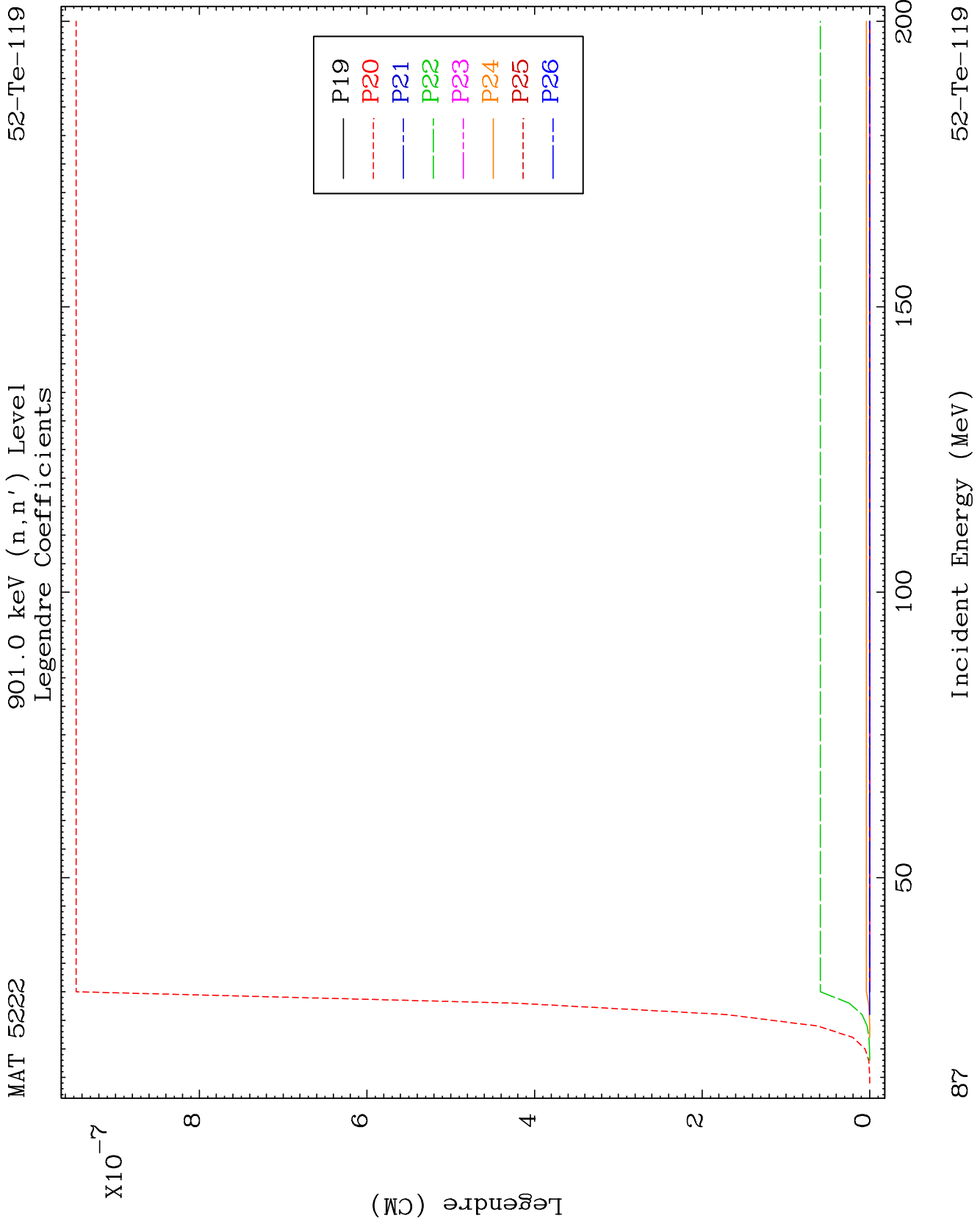
83

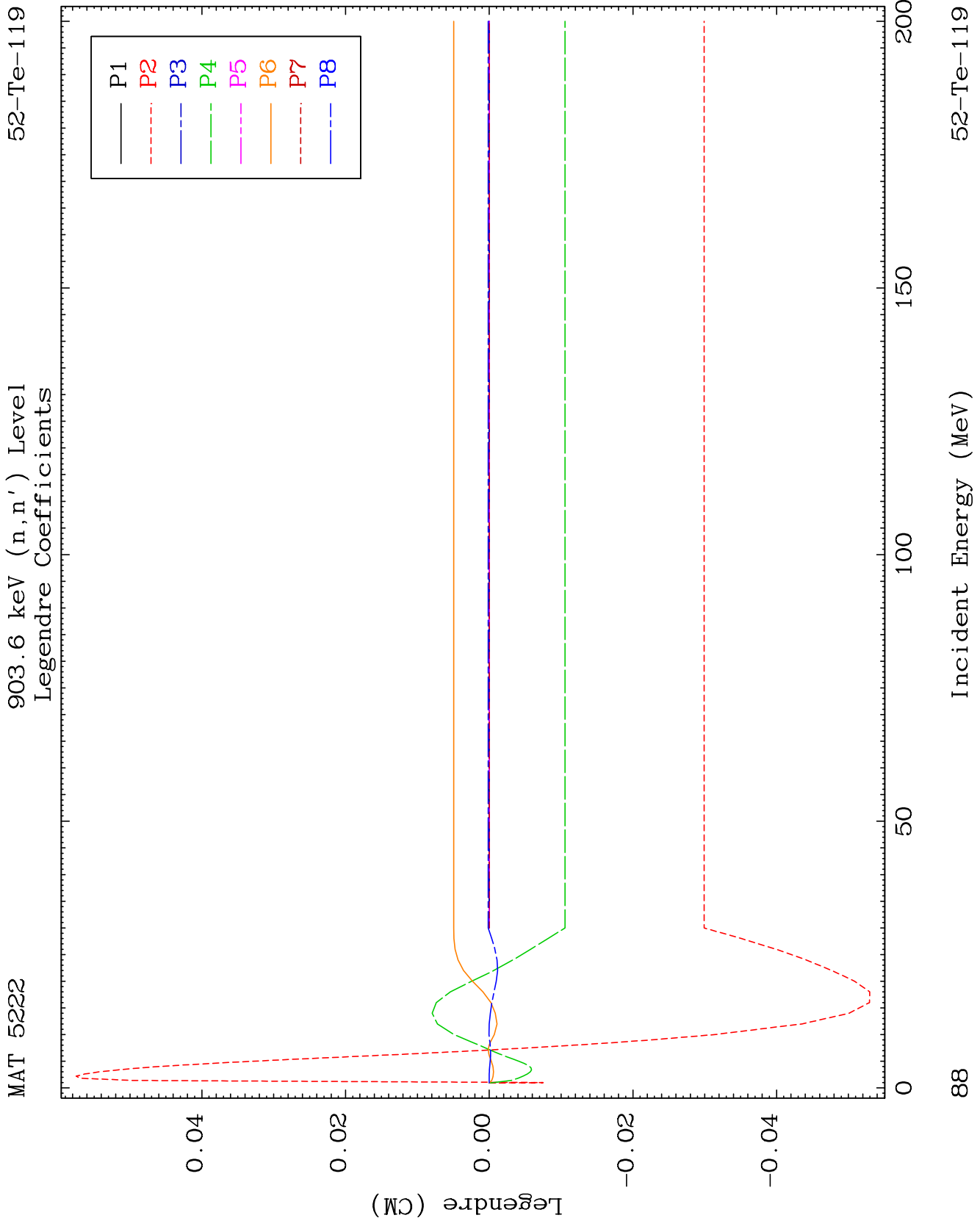
Incident Energy (MeV)

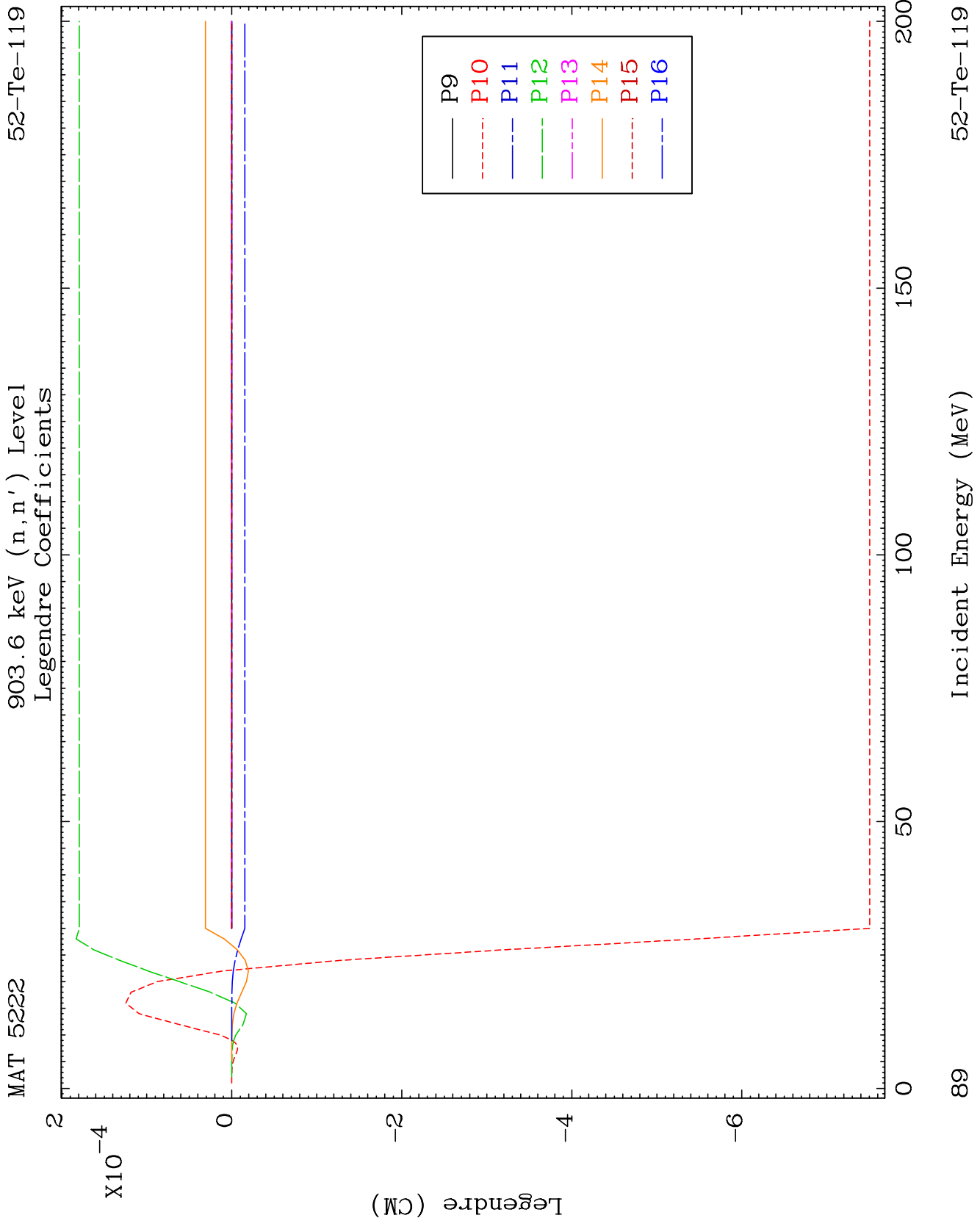
52-Te-119

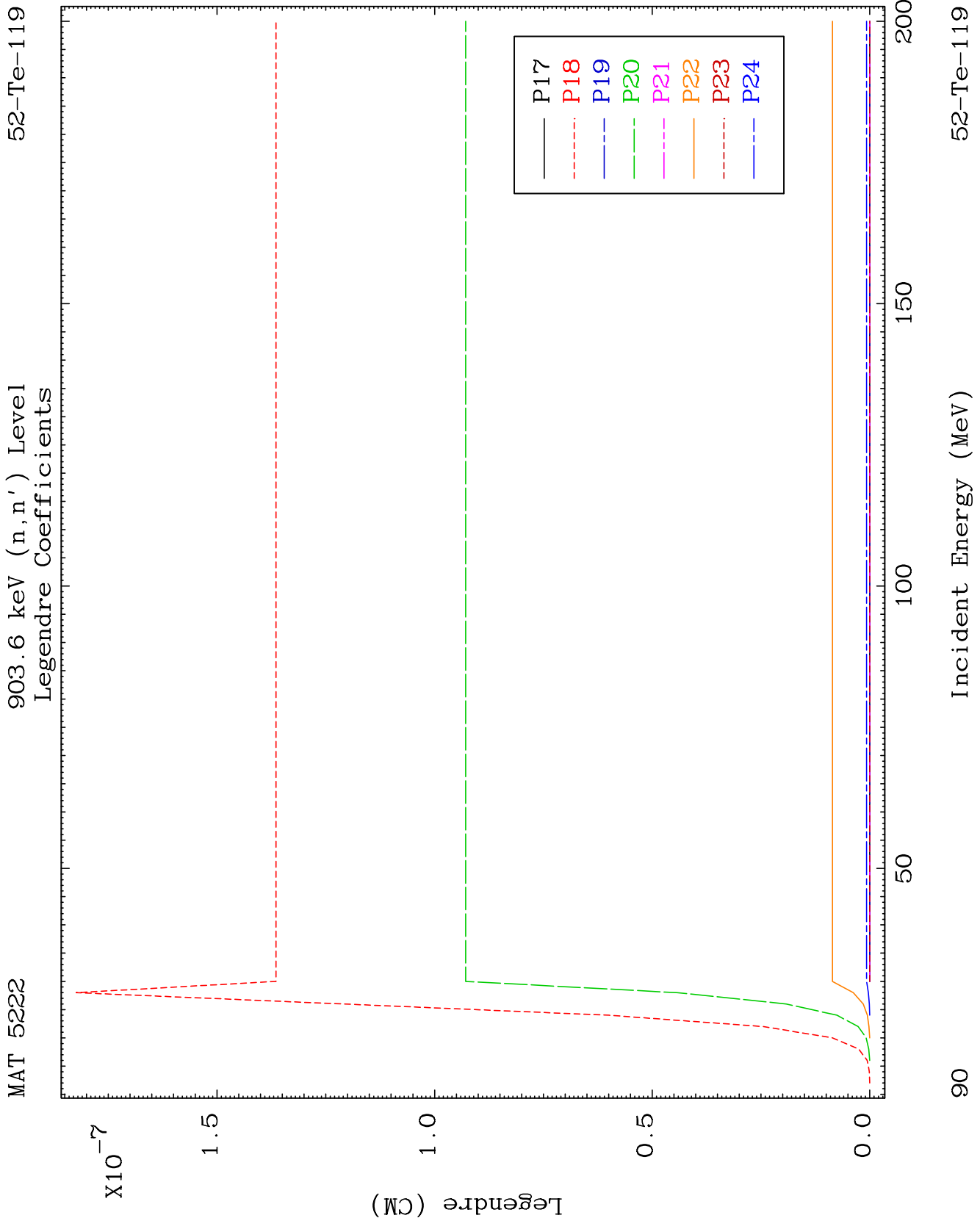


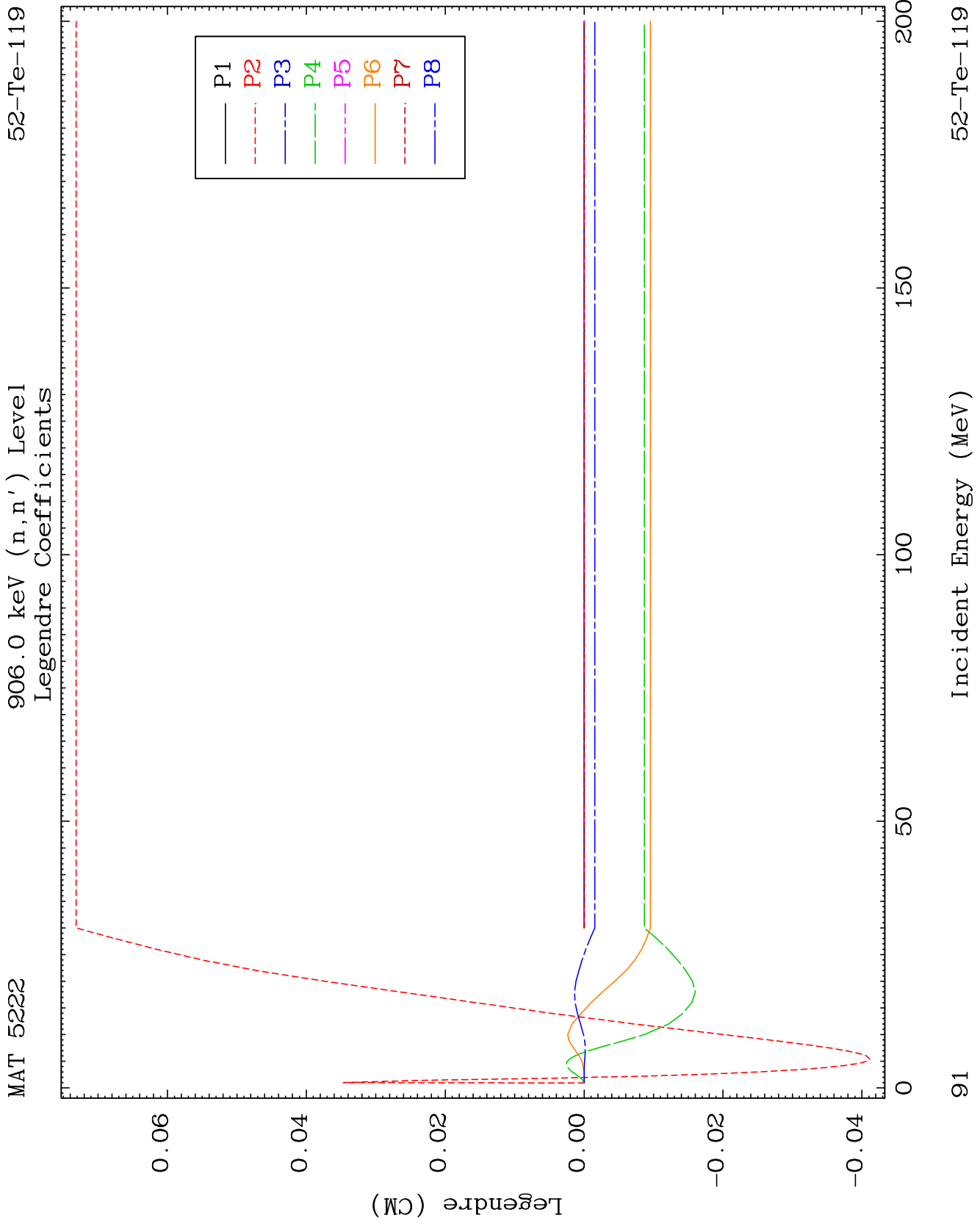








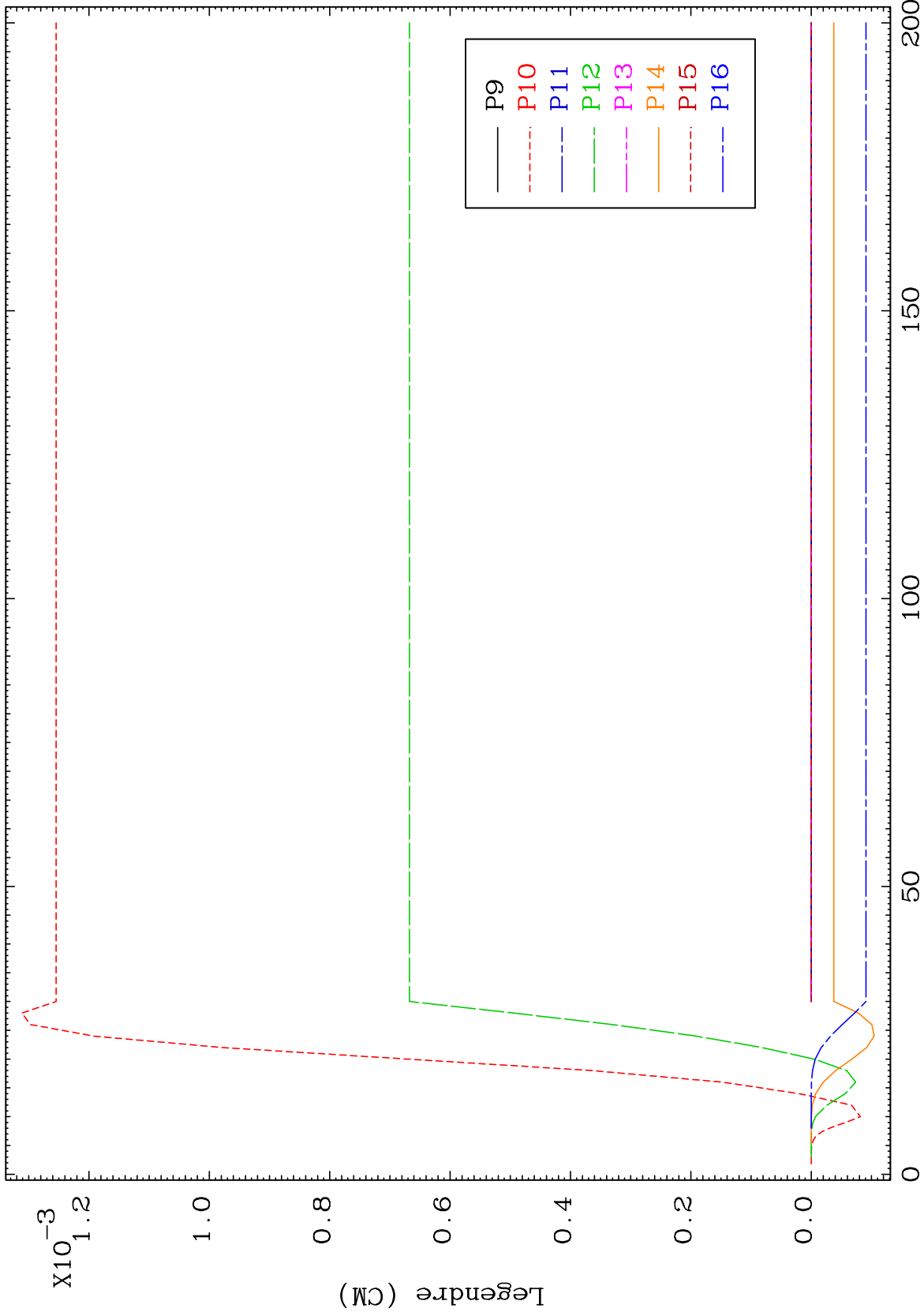




MAT 5222

906.0 keV (n,n') Level
Legendre Coefficients

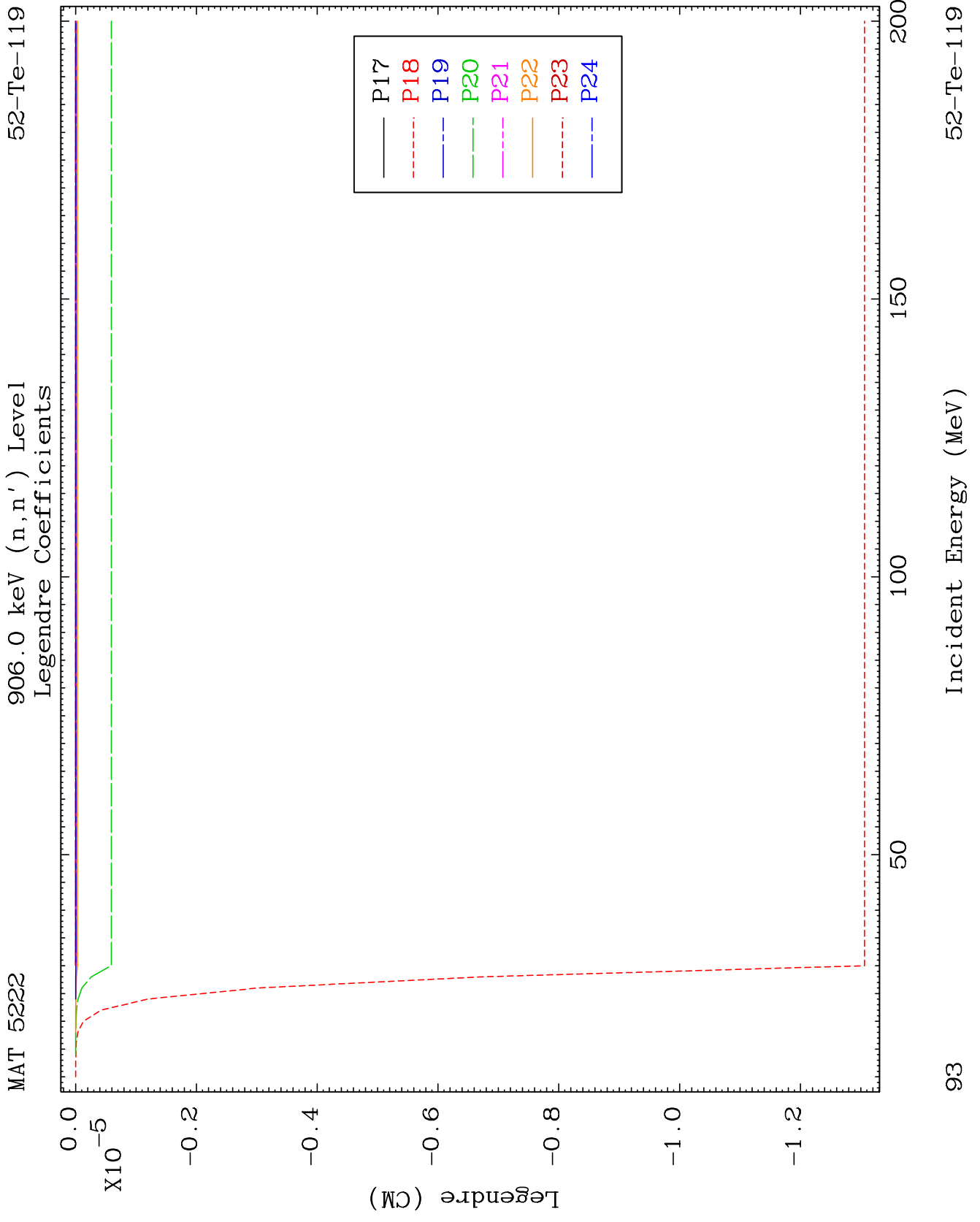
52-Te-119

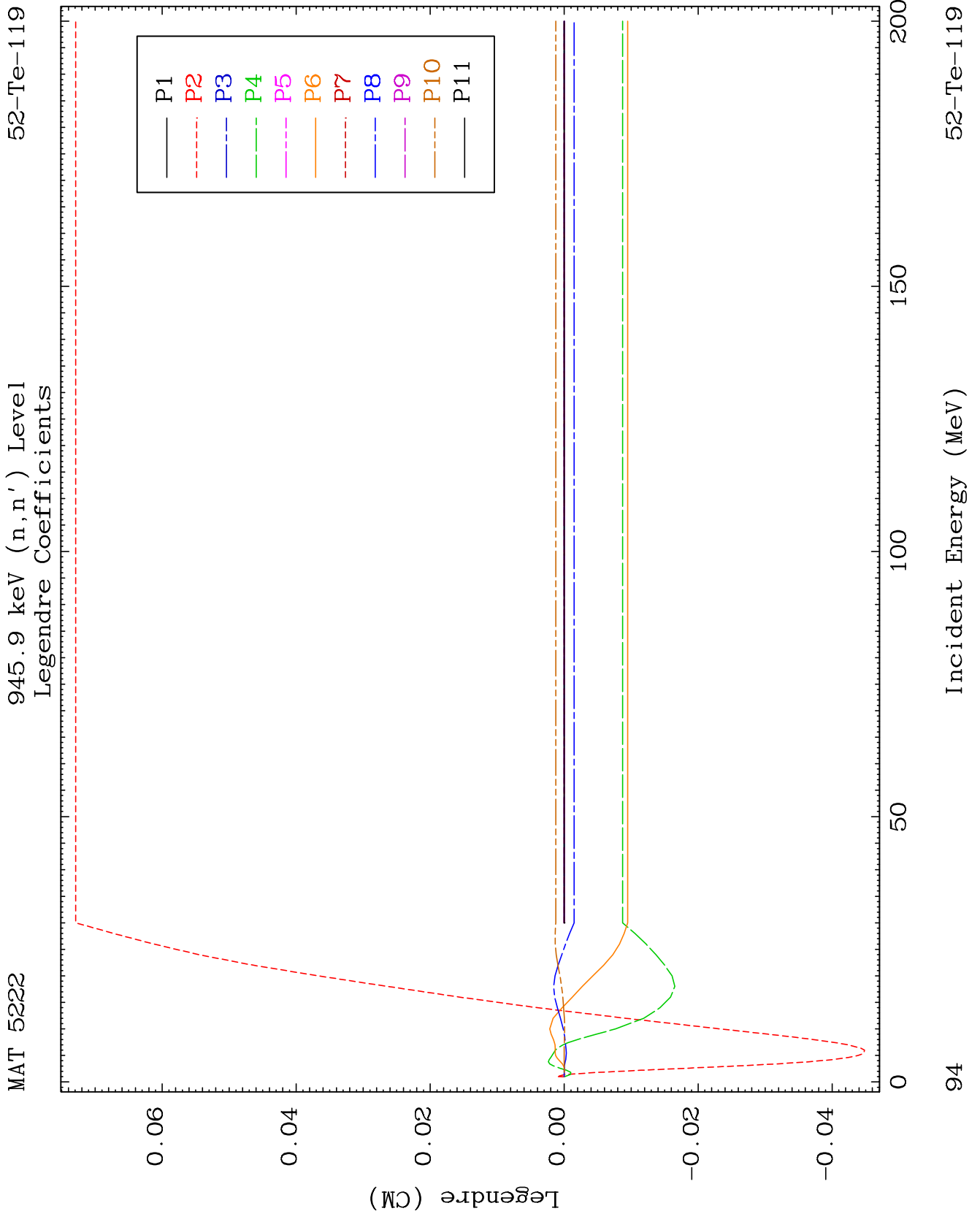


92

Incident Energy (MeV)

52-Te-119

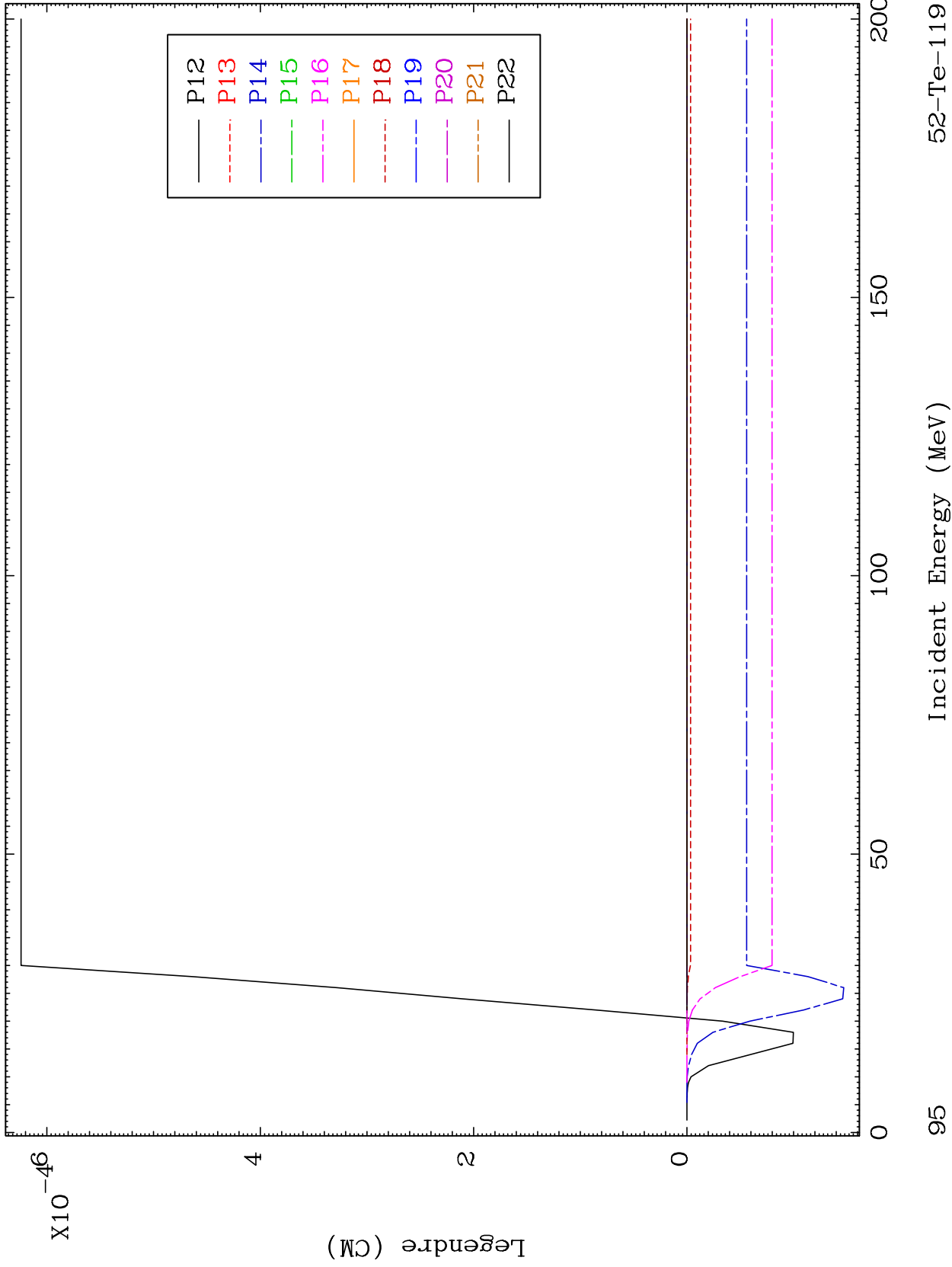




MAT 5222

945.9 keV (n,n') Level
Legendre Coefficients

52-Te-119



52-Te-119

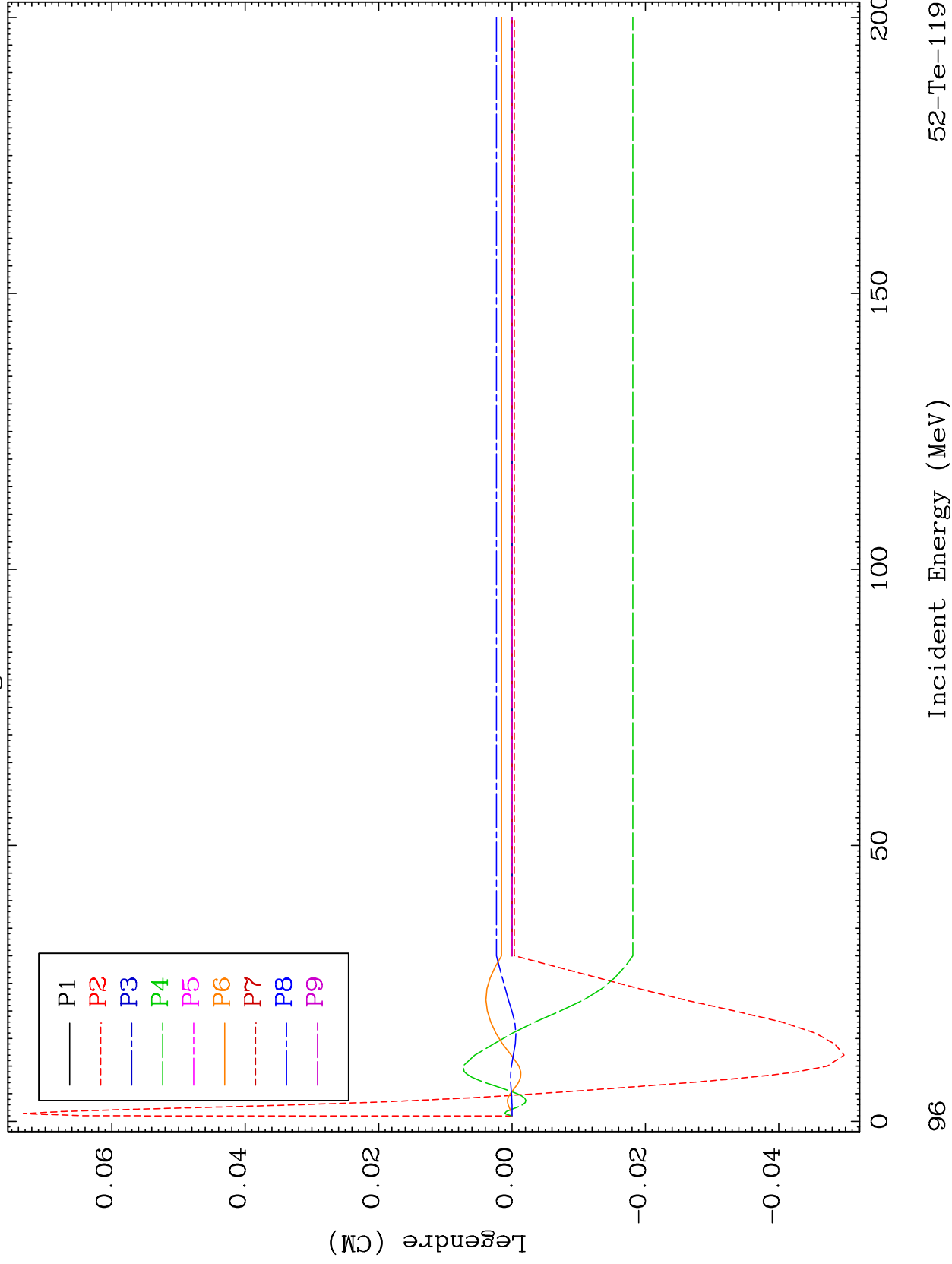
Incident Energy (MeV)

95

MAT 5222

957.1 keV (n,n') Level
Legendre Coefficients

52-Te-119



52-Te-119

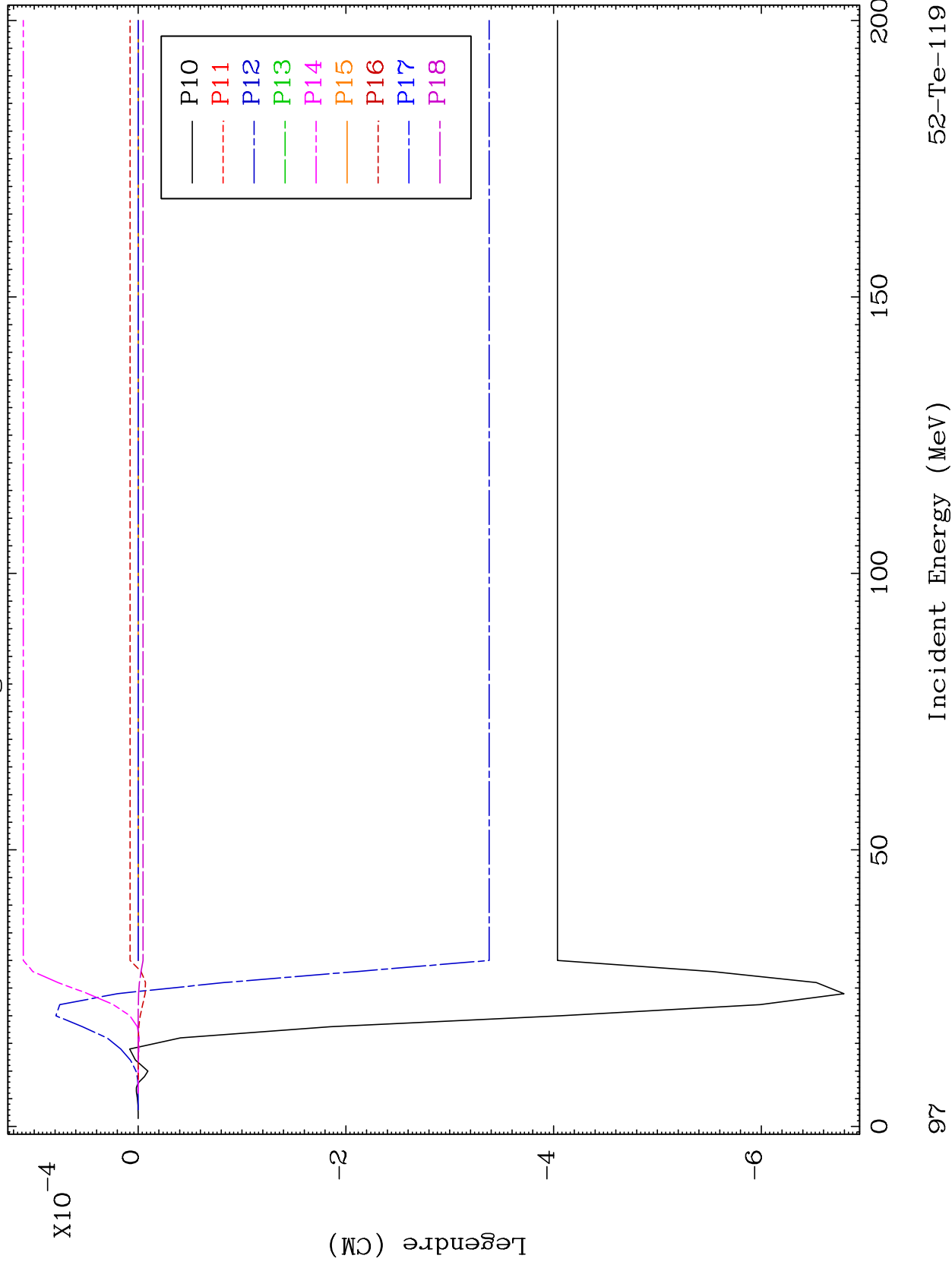
Incident Energy (MeV)

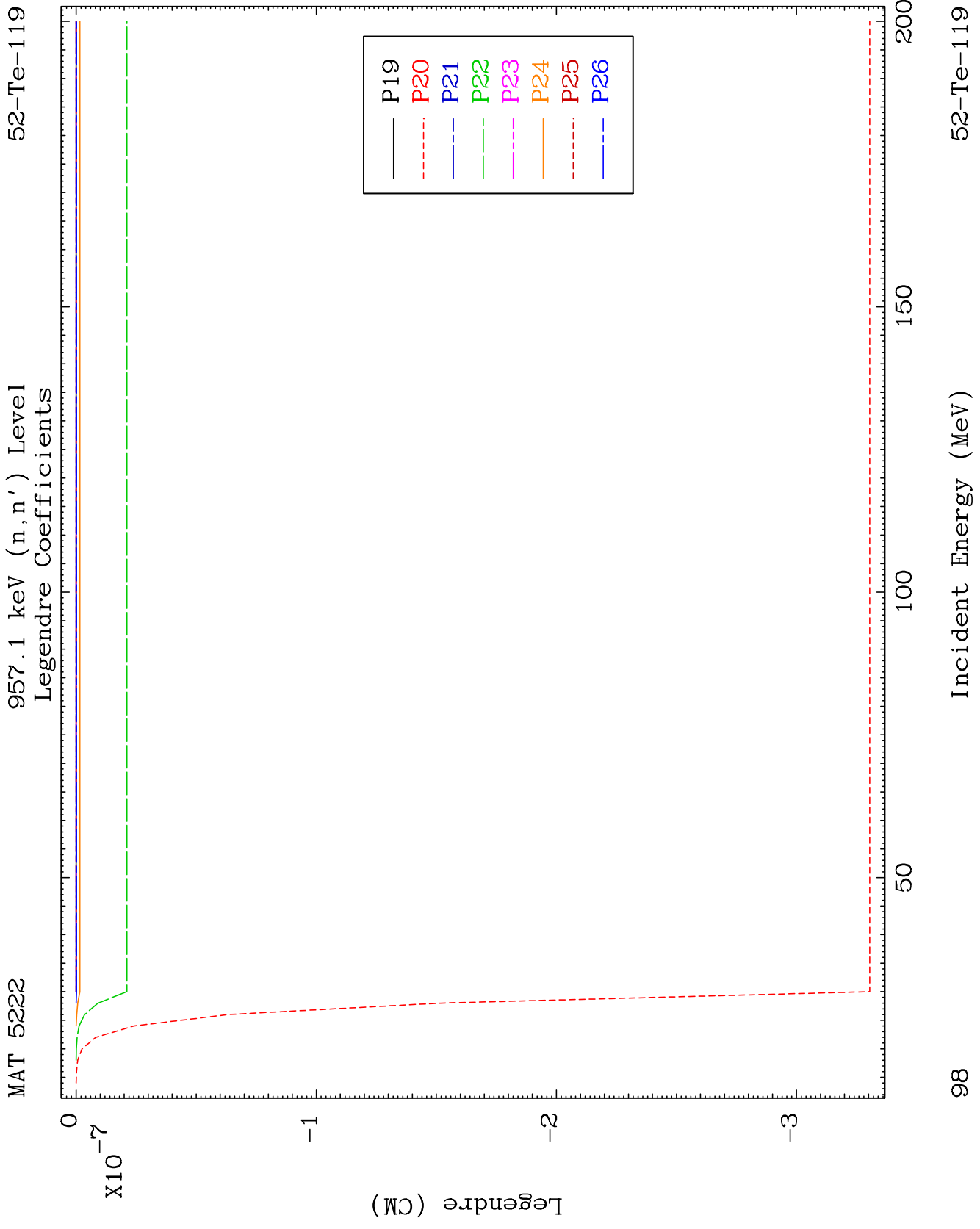
96

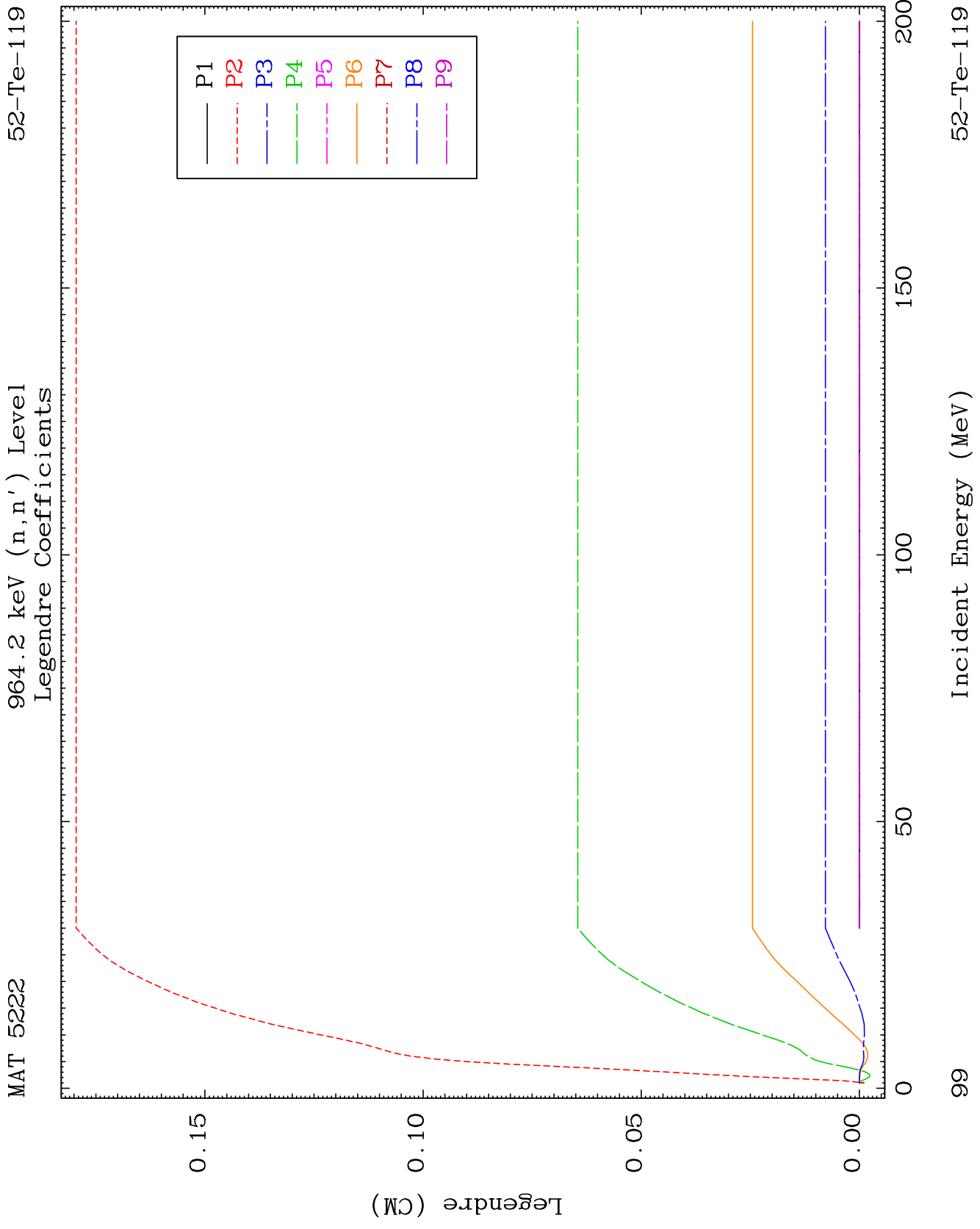
MAT 5222

957.1 keV (n,n') Level
Legendre Coefficients

52-Te-119



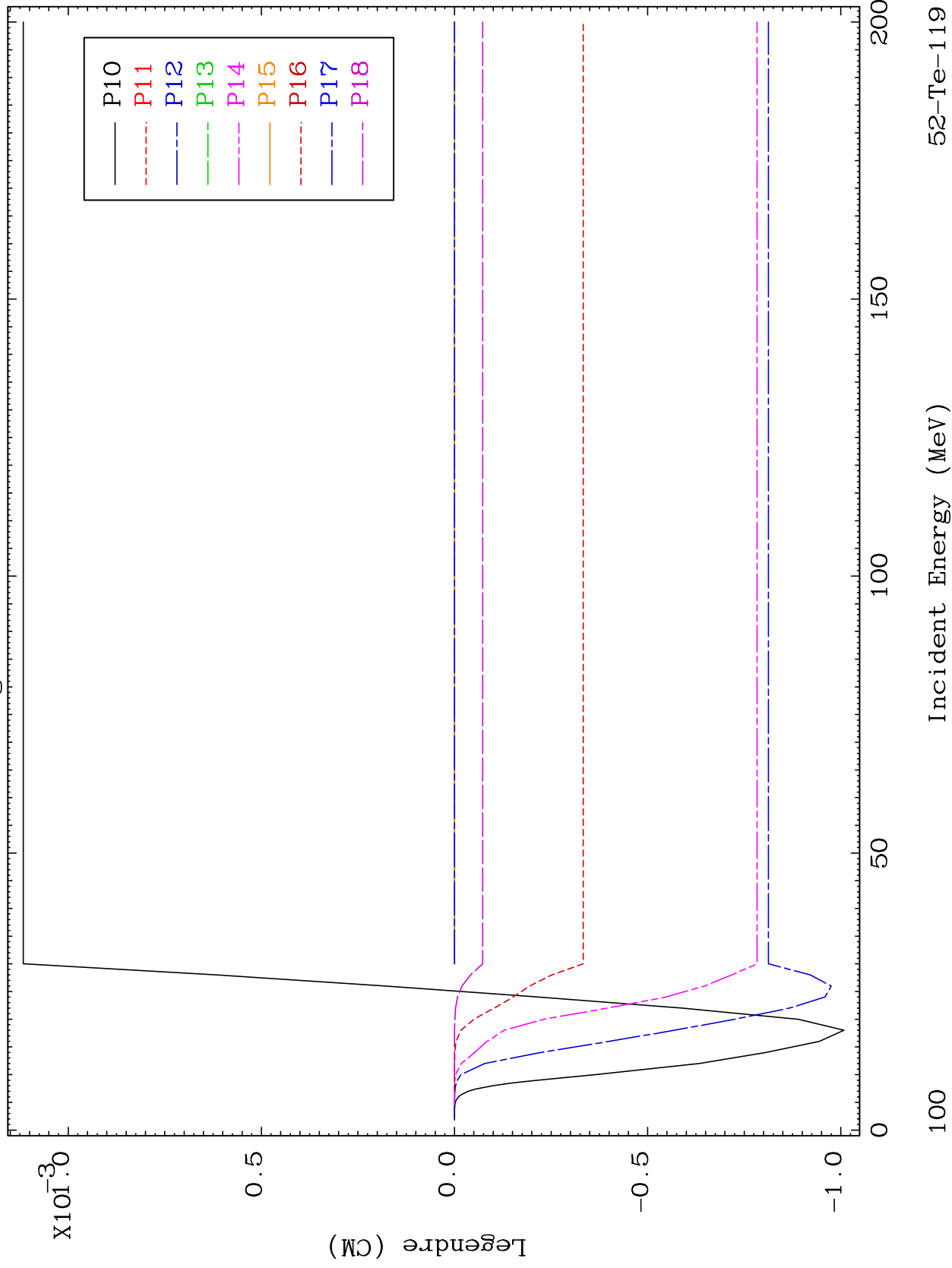




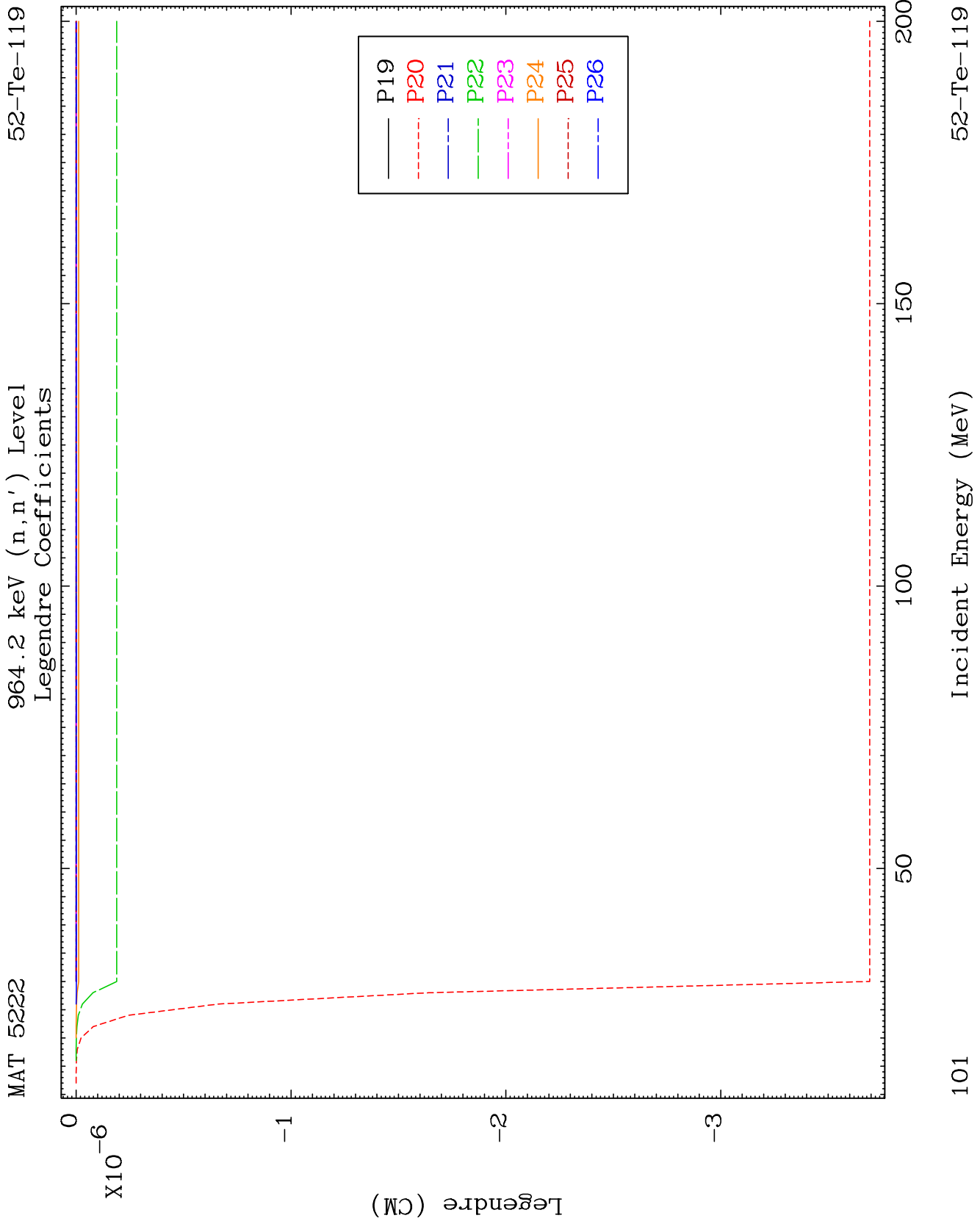
MAT 5222

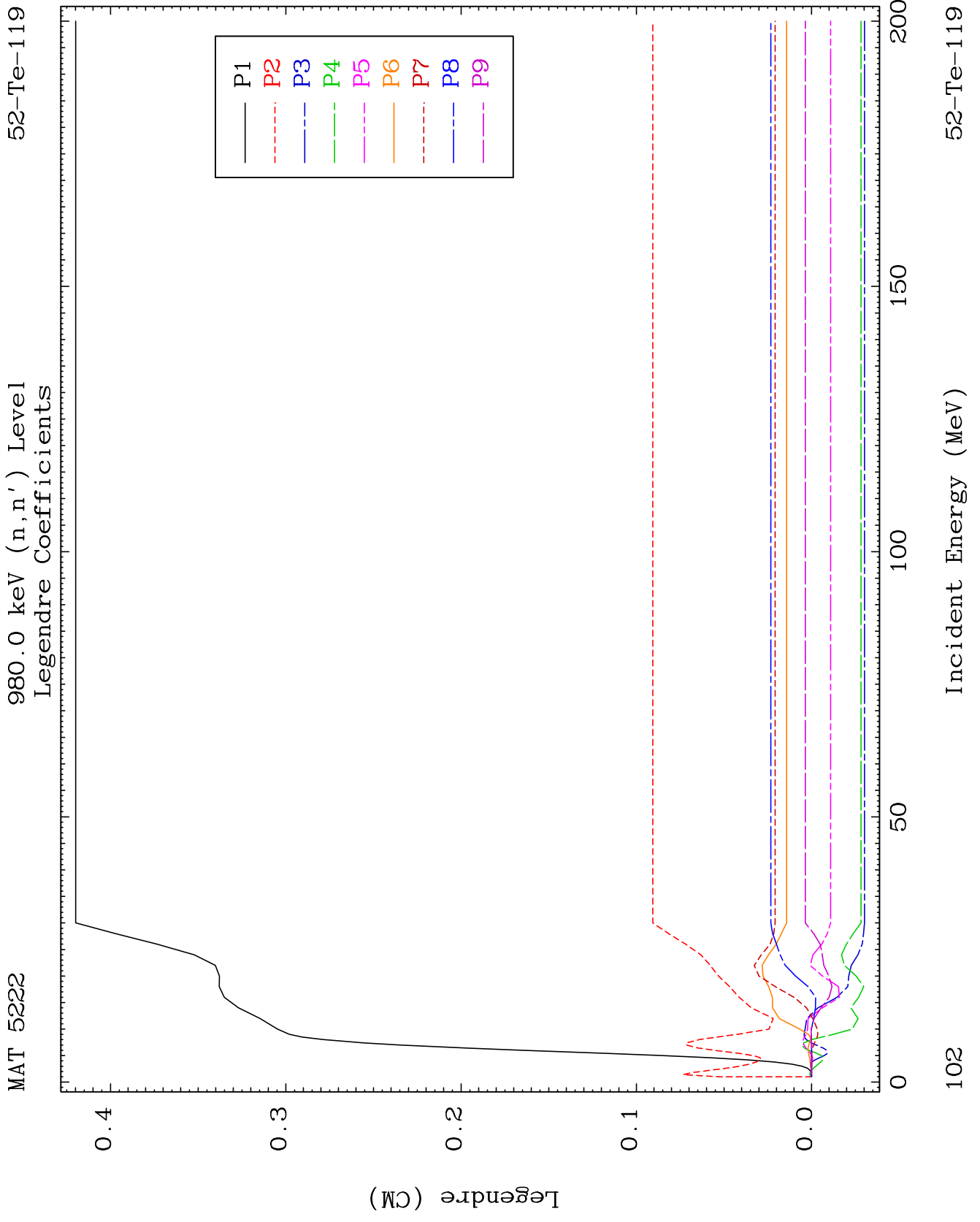
964.2 keV (n,n') Level
Legendre Coefficients

52-Te-119



52-Te-119

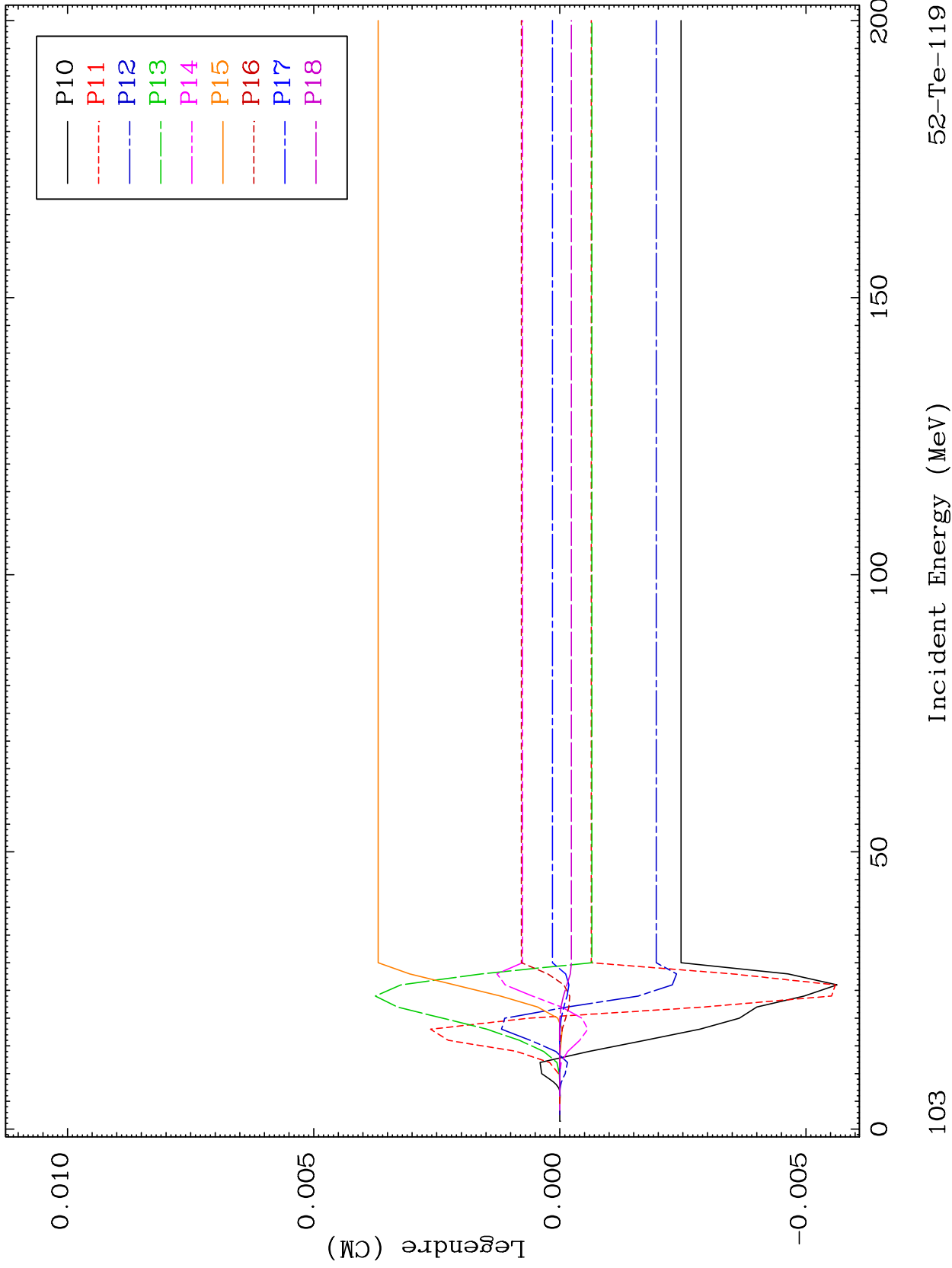




MAT 5222

980.0 keV (n,n') Level
Legendre Coefficients

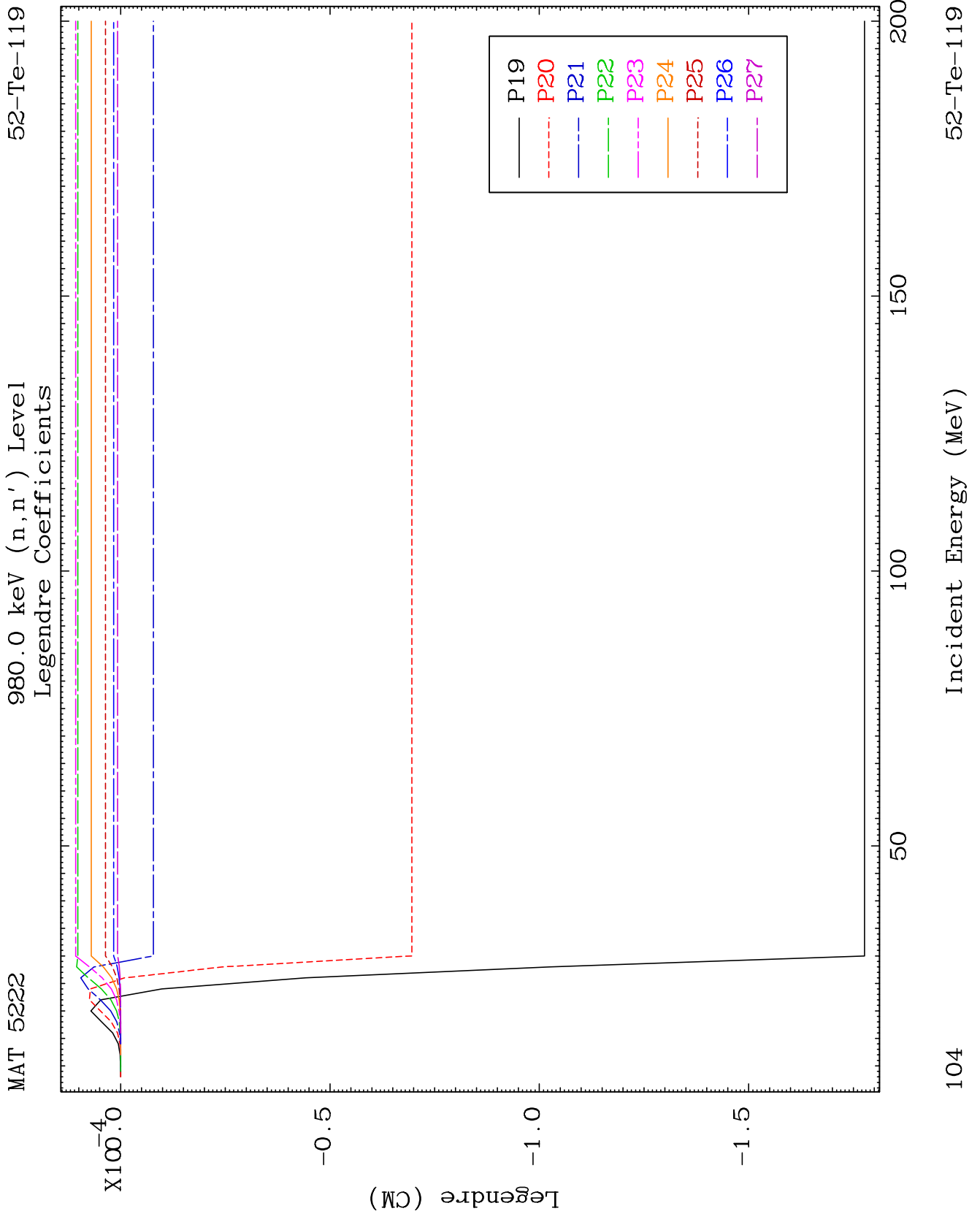
52-Te-119

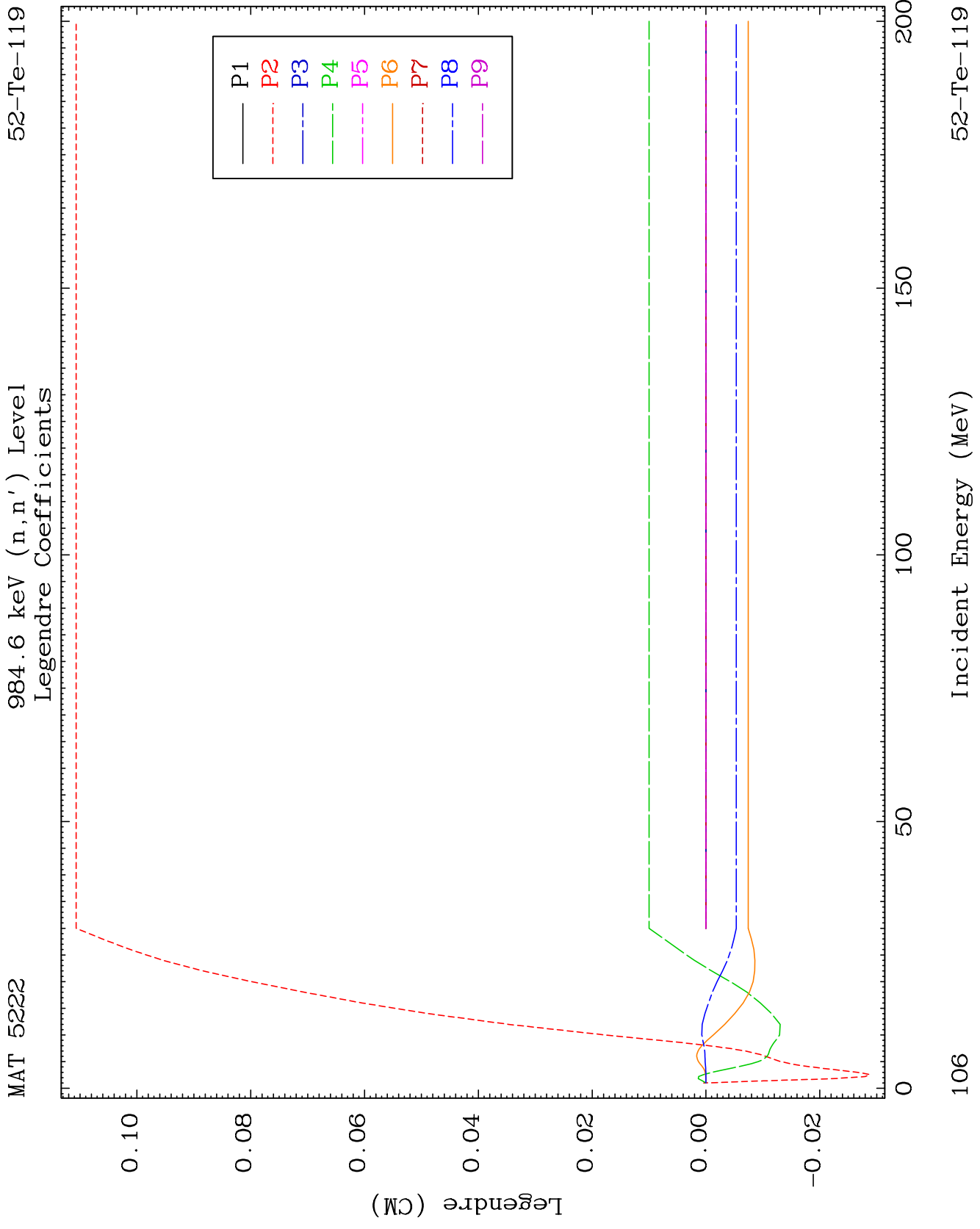


103

Incident Energy (MeV)

52-Te-119

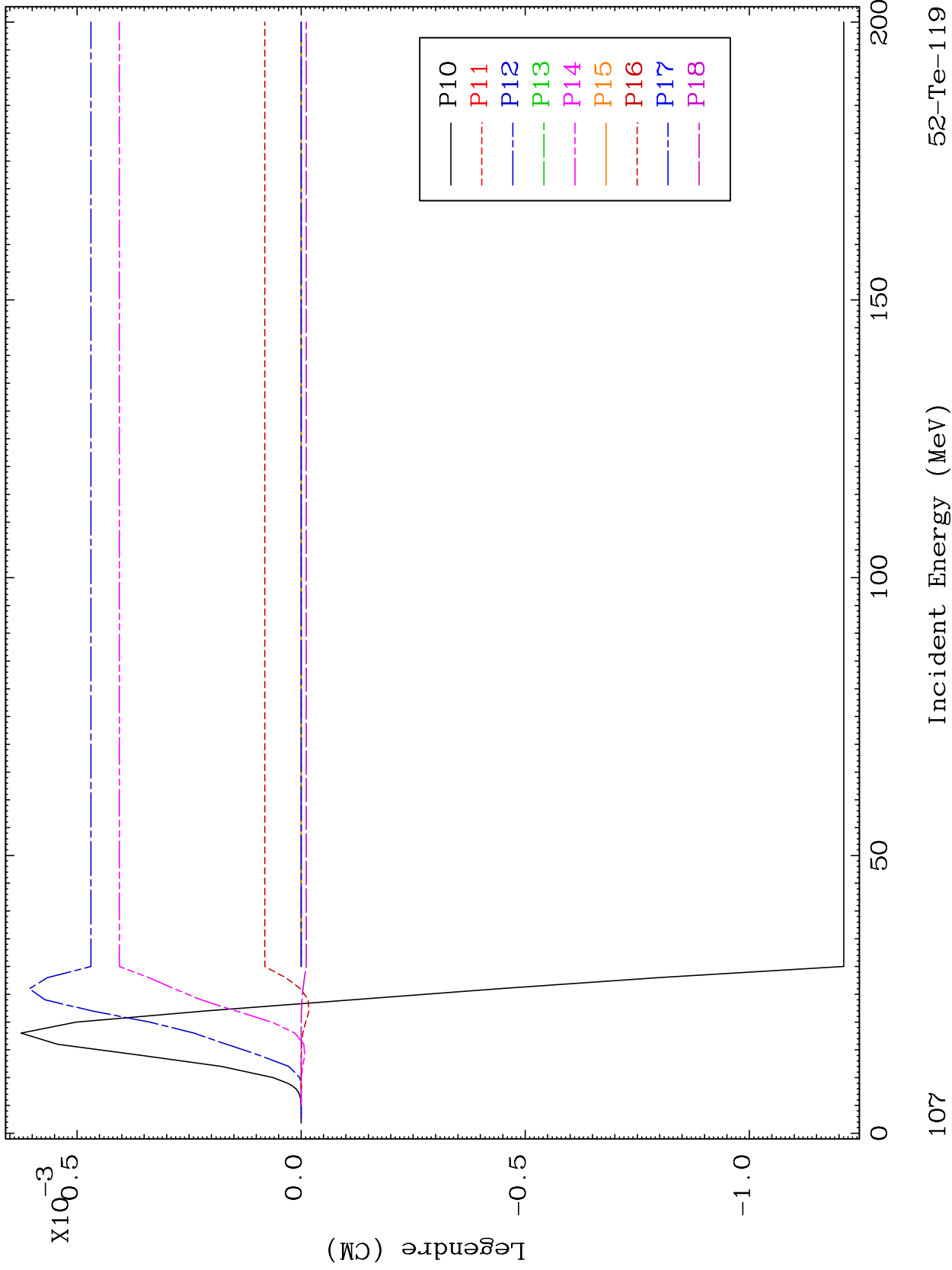




MAT 5222

984.6 keV (n,n') Level
Legendre Coefficients

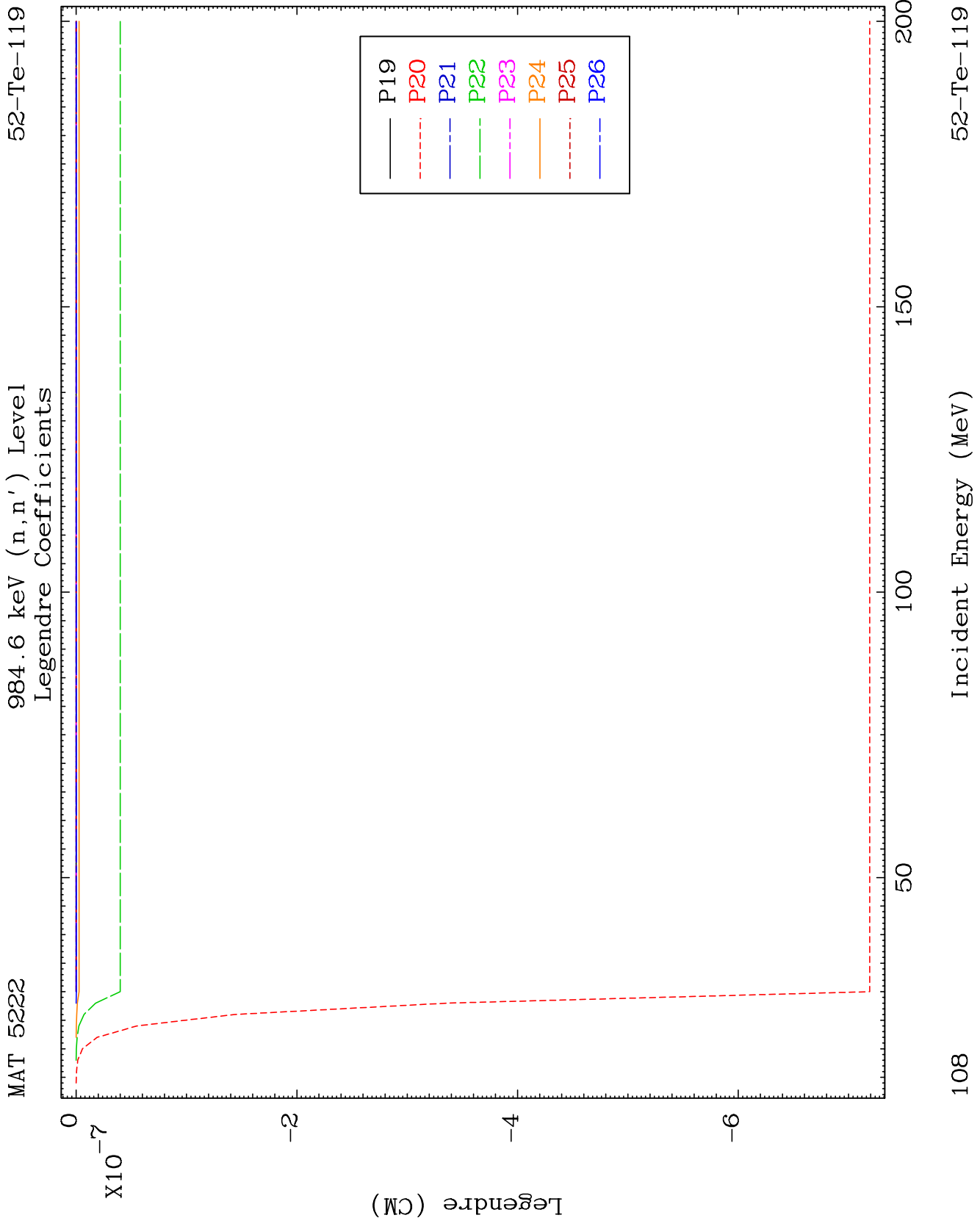
52-Te-119

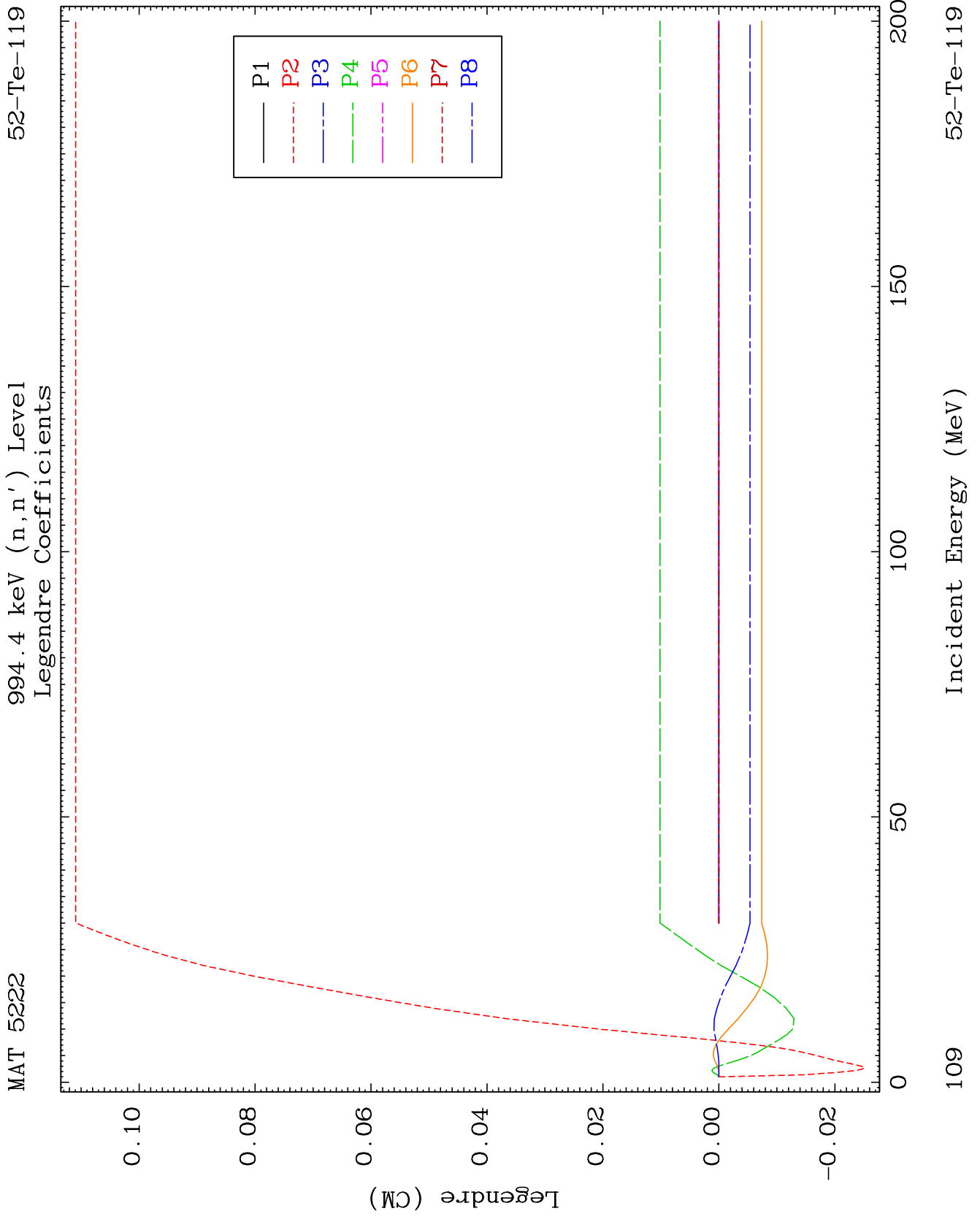


107

Incident Energy (MeV)

52-Te-119

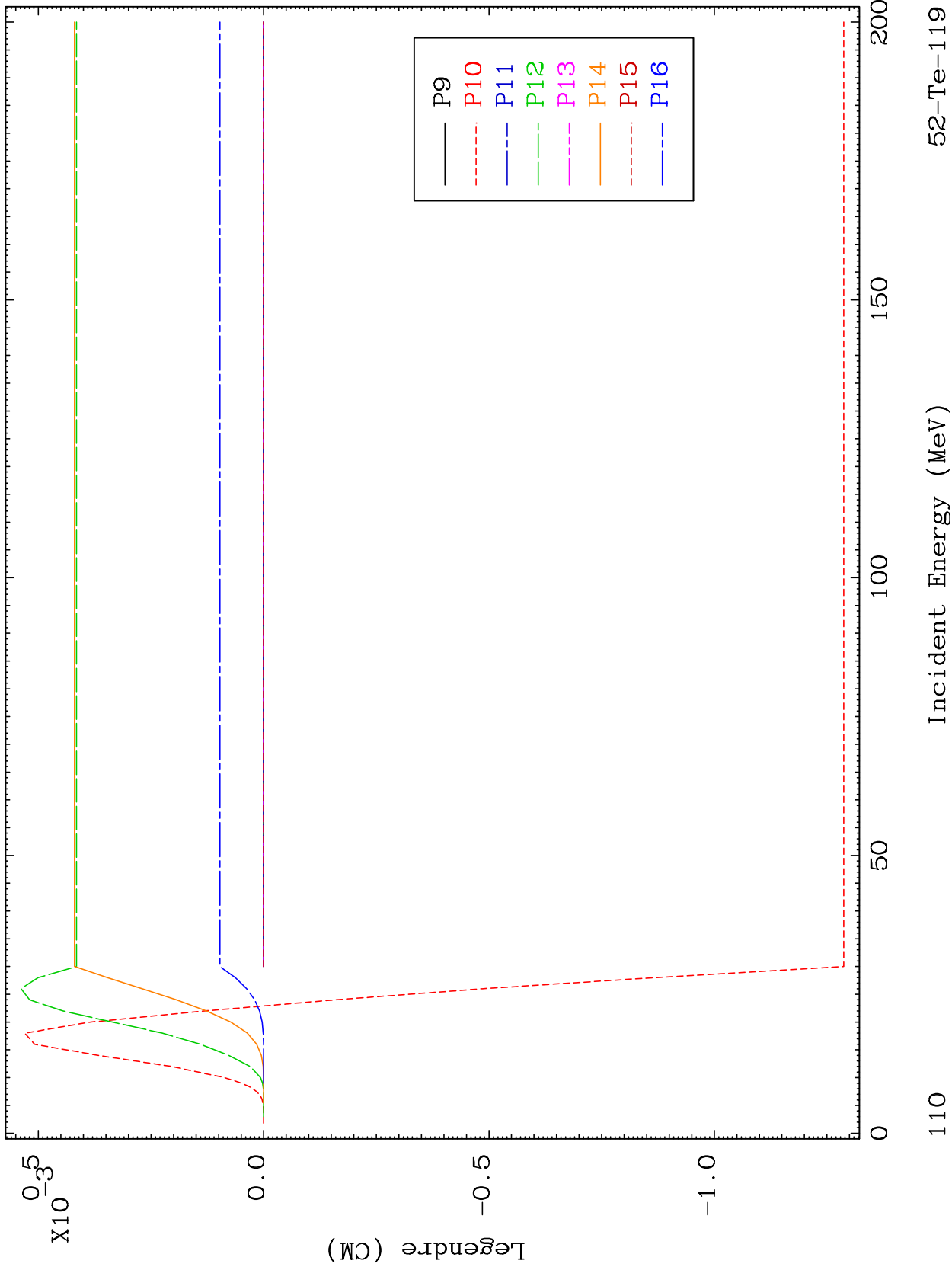




MAT 5222

994.4 keV (n,n') Level
Legendre Coefficients

52-Te-119

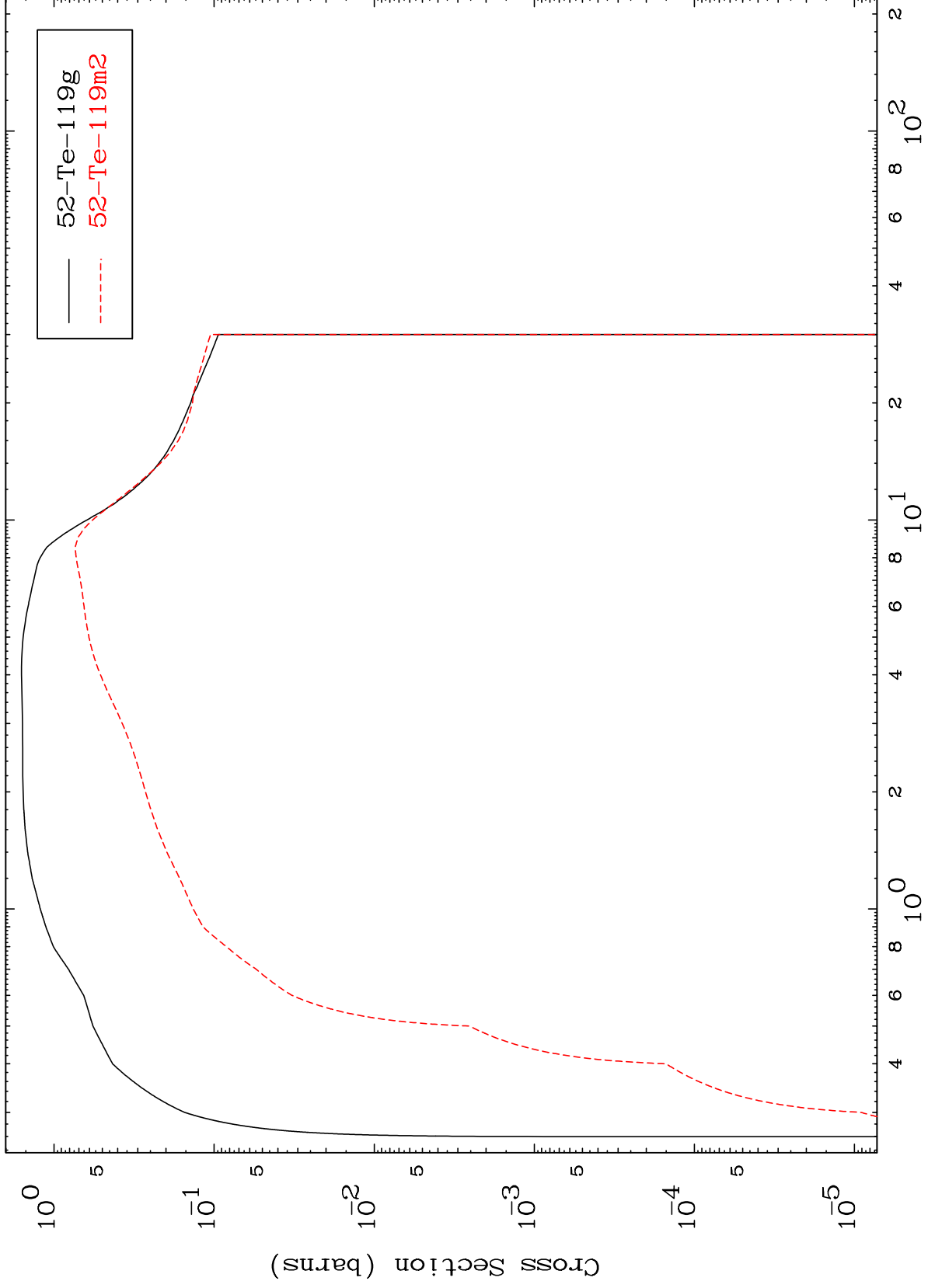


110

Incident Energy (MeV)

52-Te-119

Inelastic
Radionuclide Production Cross Section

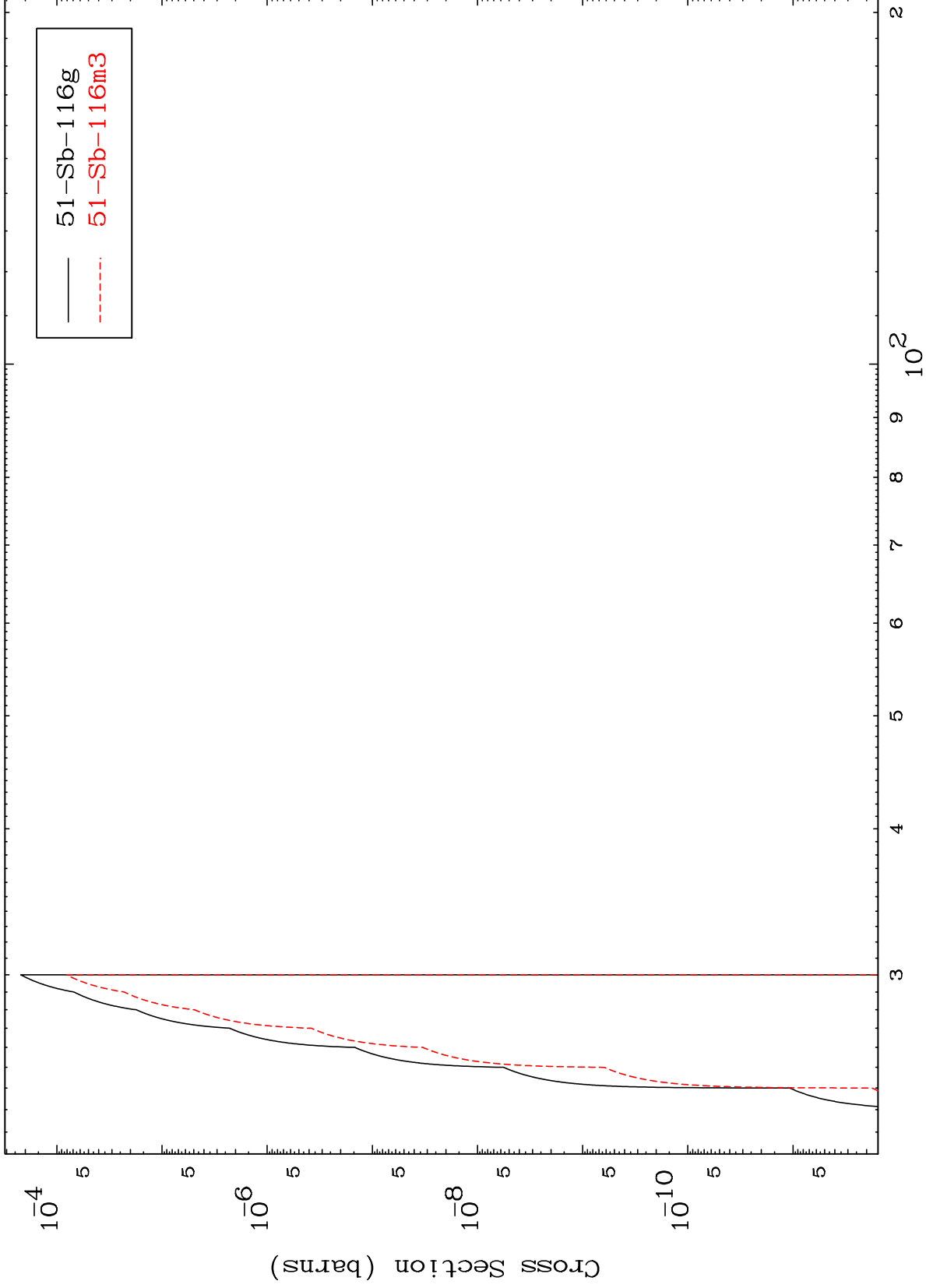


MAT 5222

(n,2n) d

52-Te-119

Radionuclide Production Cross Section



113

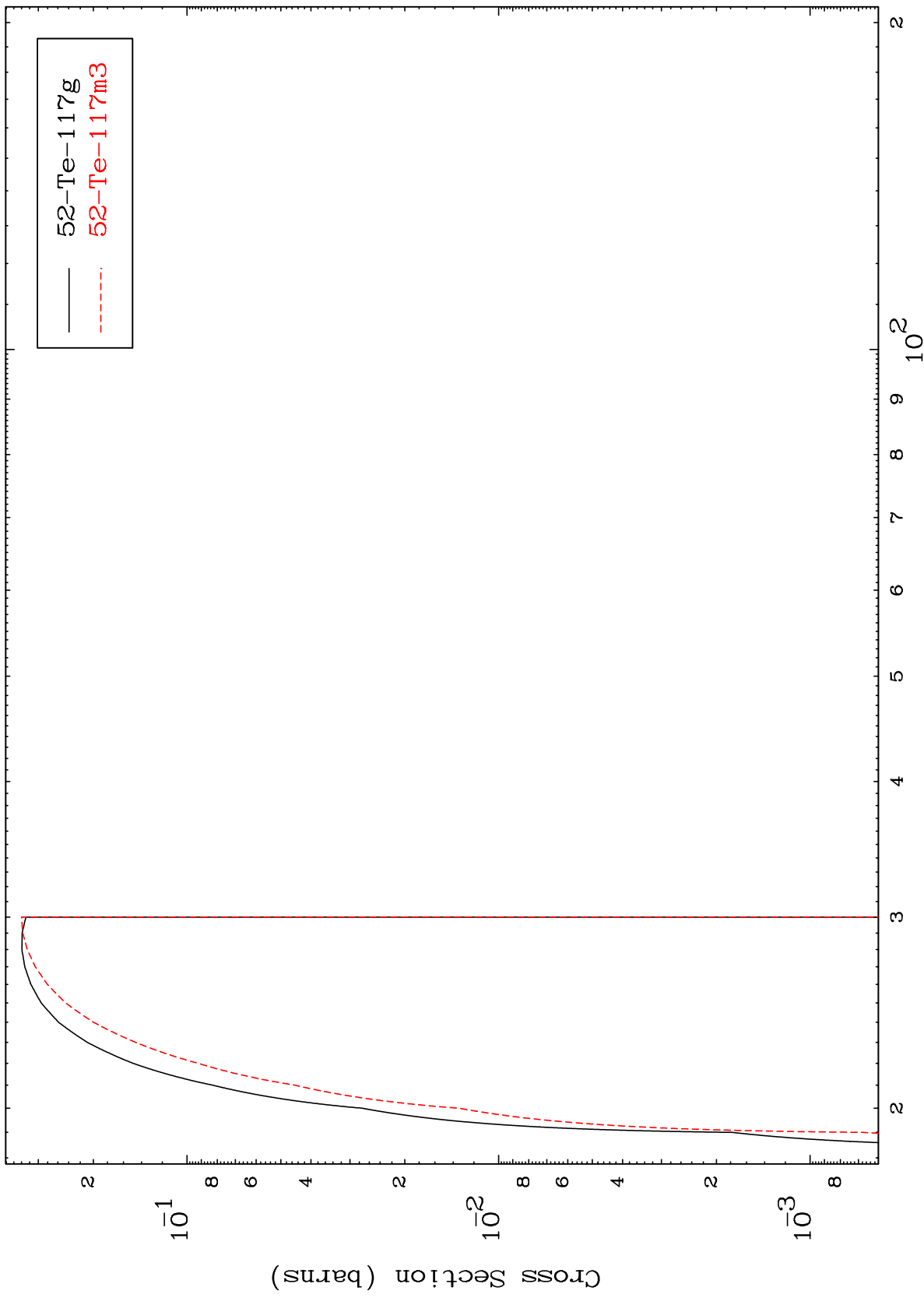
Incident Energy (MeV)

52-Te-119

MAT 5222

52-Te-119

(n,3n)
Radionuclide Production Cross Section

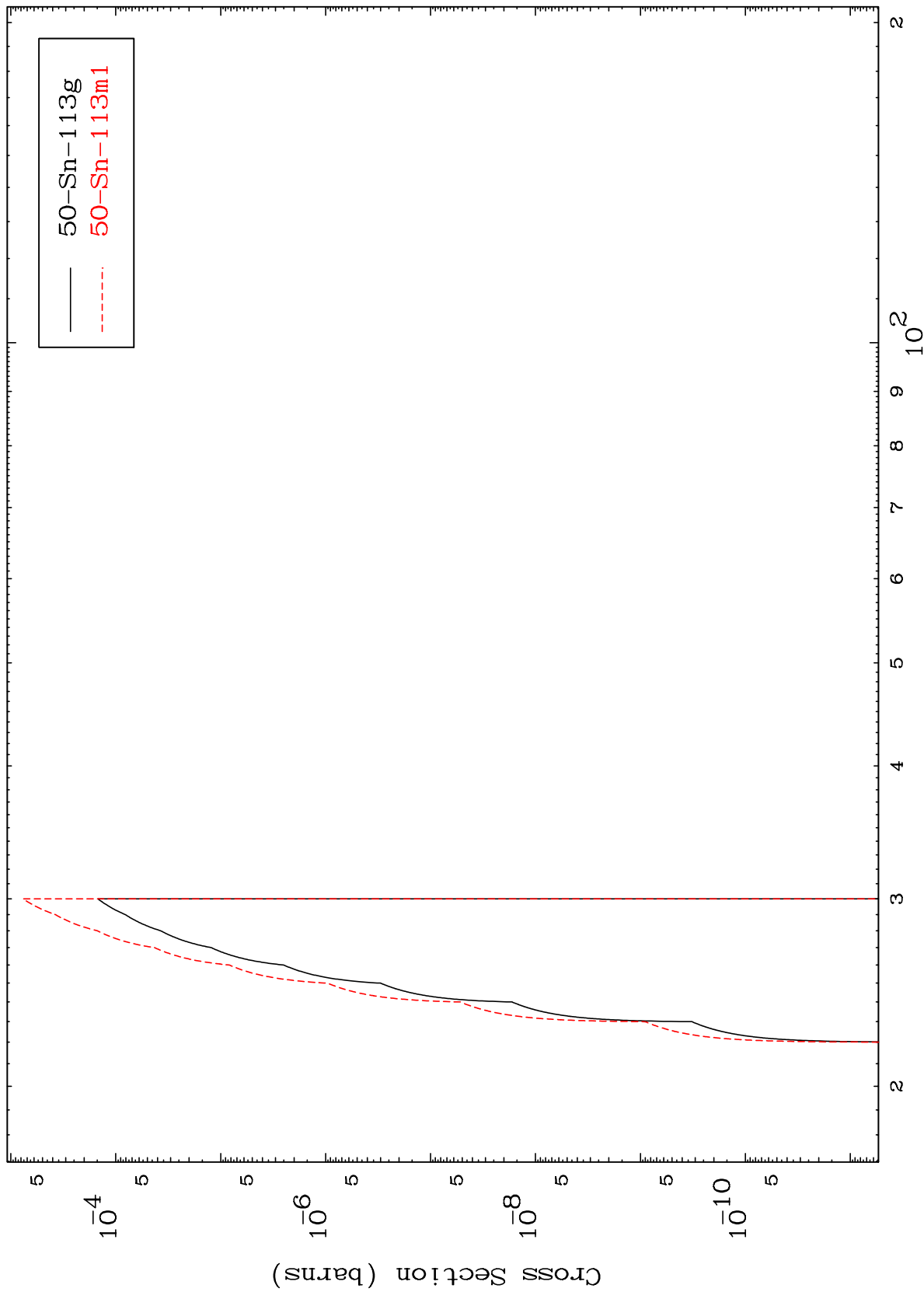


114

Incident Energy (MeV)

52-Te-119

Radionuclide Production Cross Section

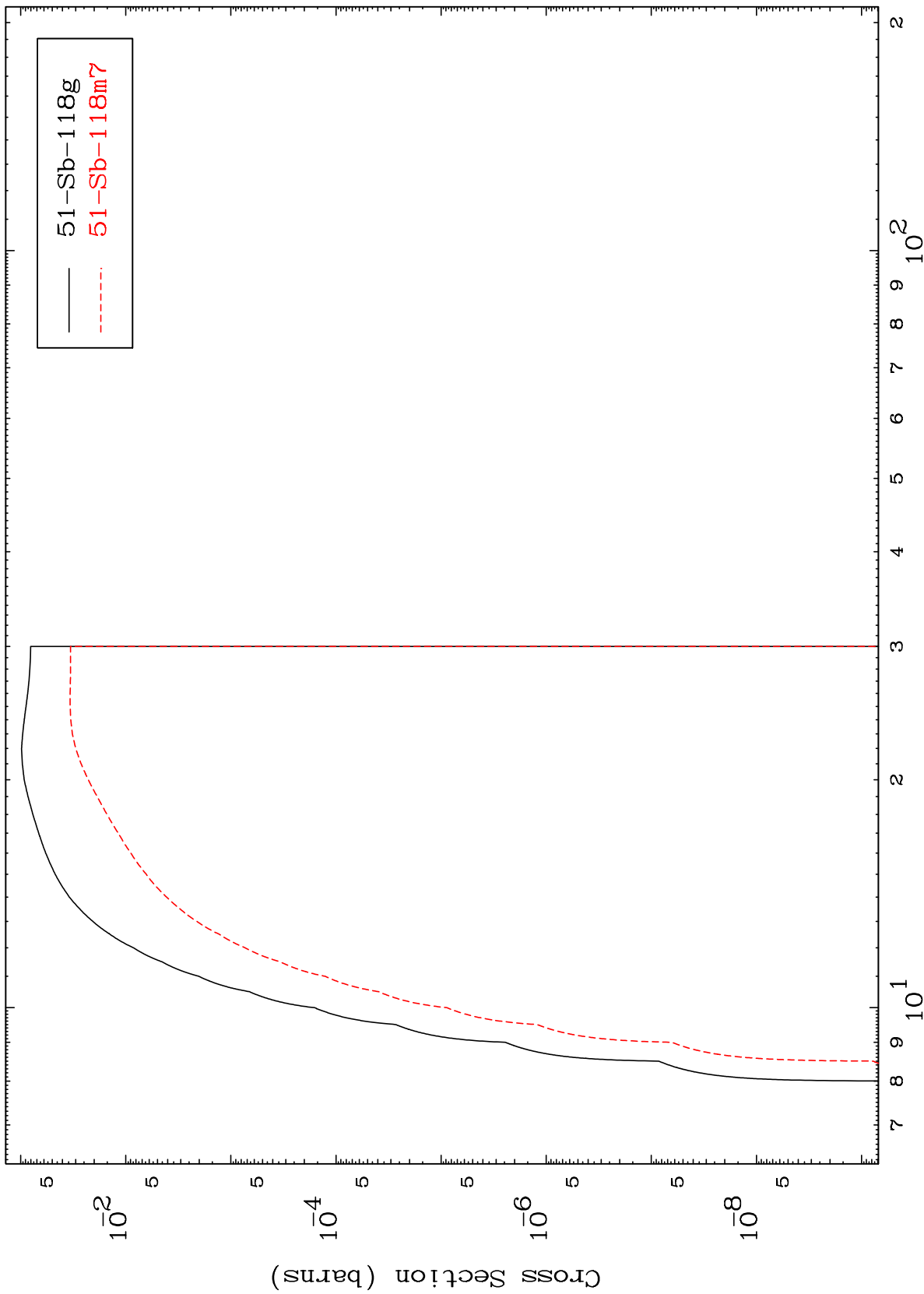


MAT 5222

(n,n') p

52-Te-119

Radionuclide Production Cross Section



116

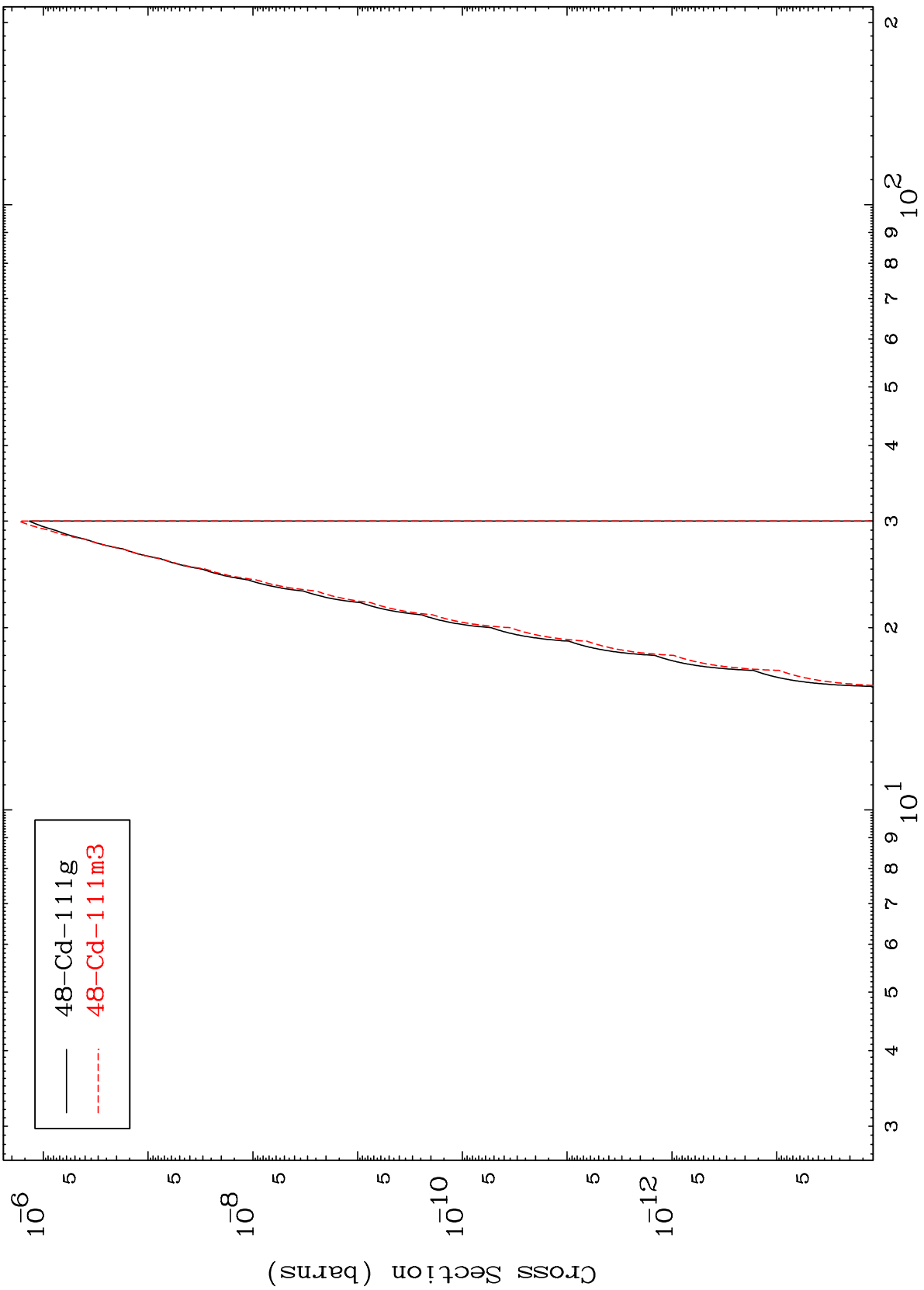
Incident Energy (MeV)

52-Te-119

MAT 5222

52-Te-119

(n,n') 2α
Radionuclide Production Cross Section

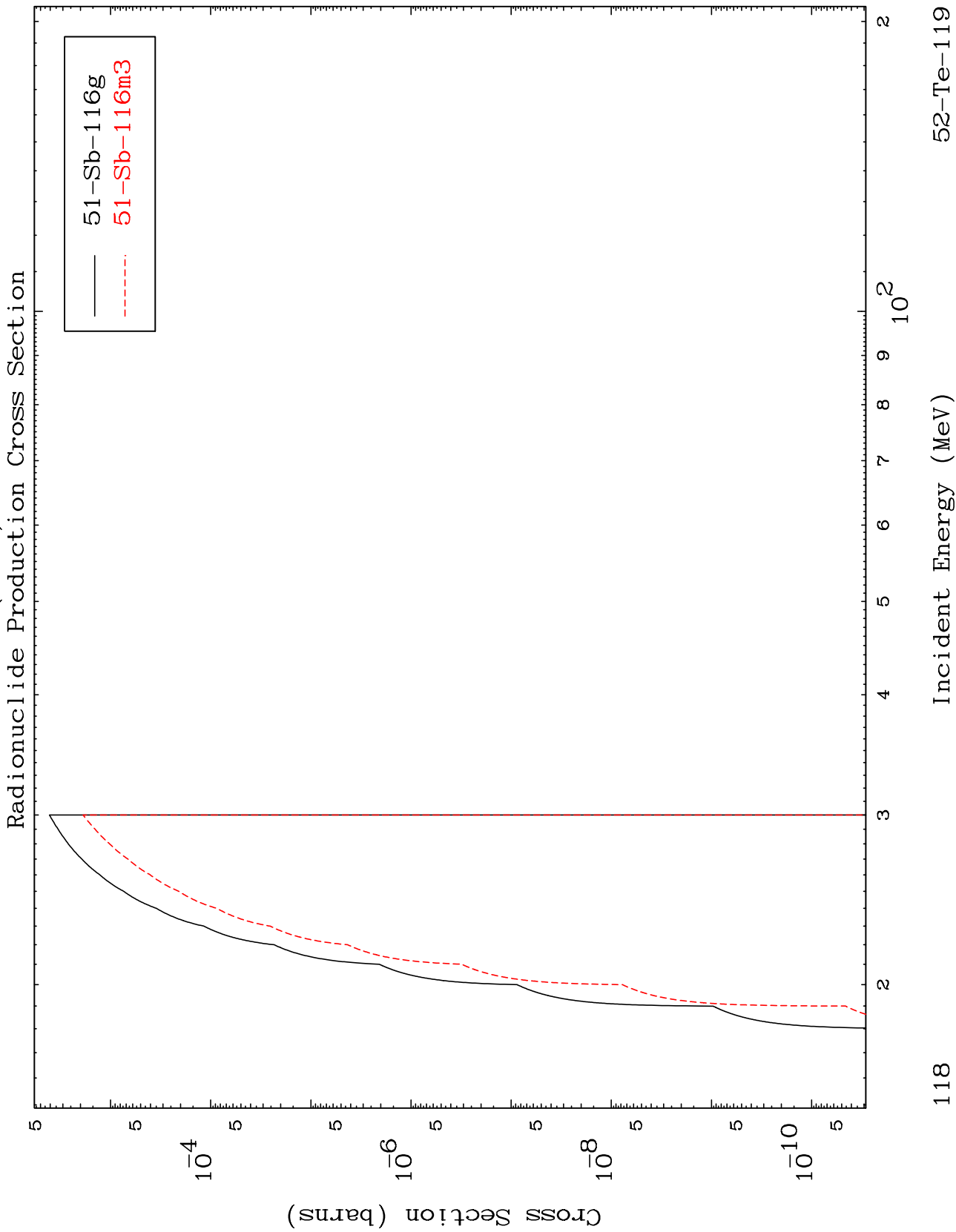


— 48-Cd-111g
- - - 48-Cd-111m3

117

Incident Energy (MeV)

52-Te-119

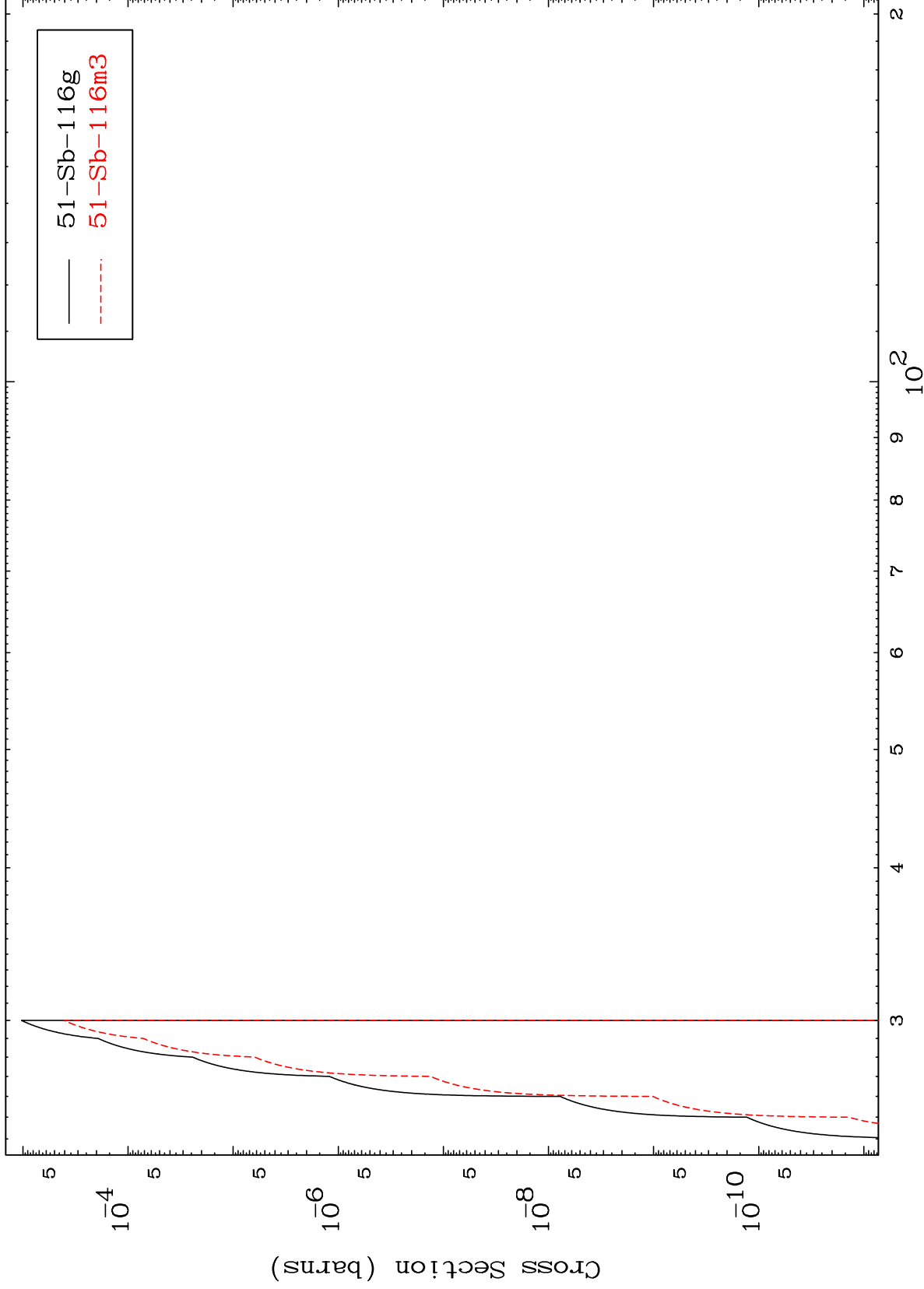


MAT 5222

(n,3n) p

52-Te-119

Radionuclide Production Cross Section



119

Incident Energy (MeV)

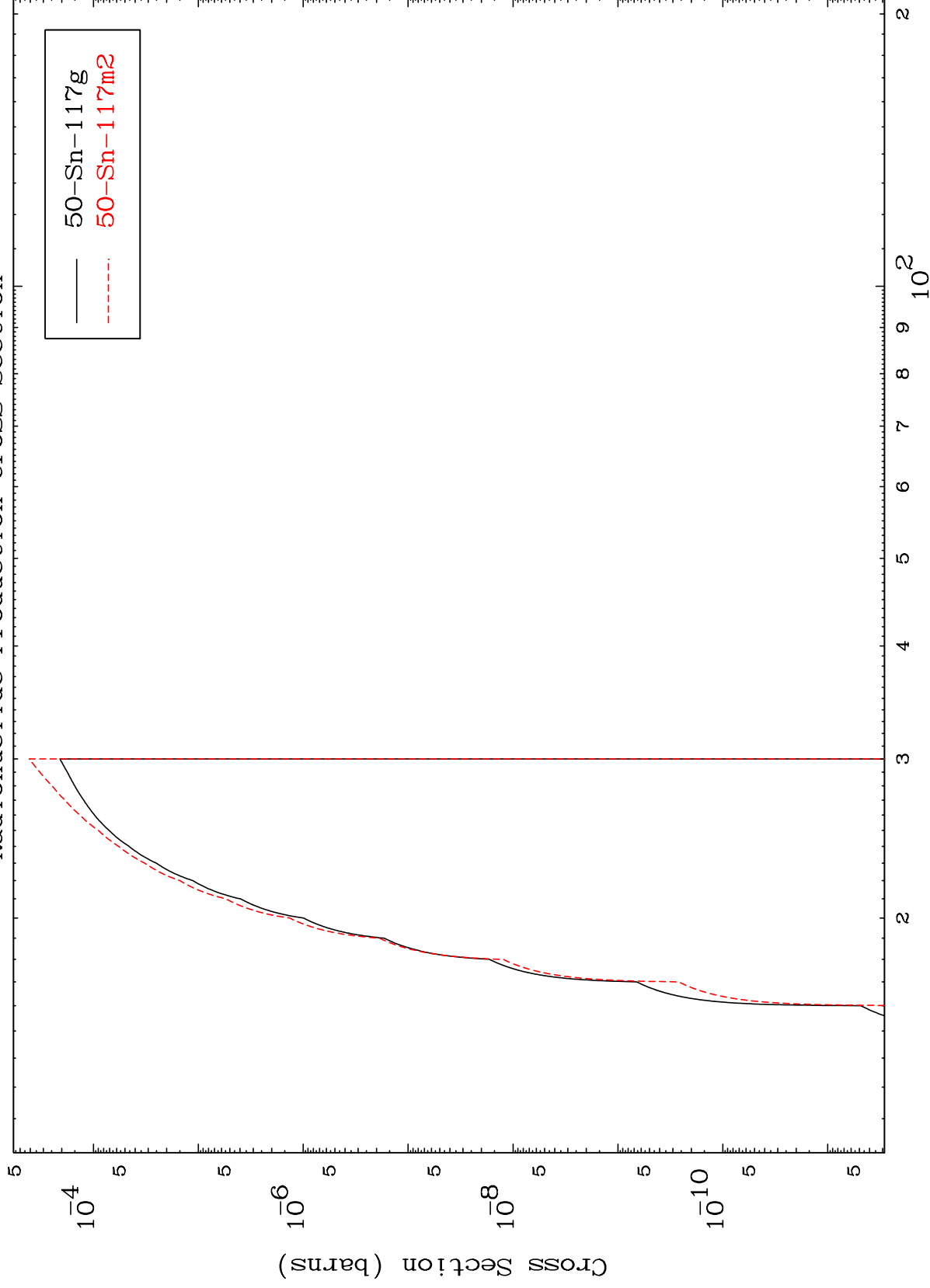
52-Te-119

MAT 5222

(n,2n) p

52-Te-119

Radionuclide Production Cross Section



120

Incident Energy (MeV)

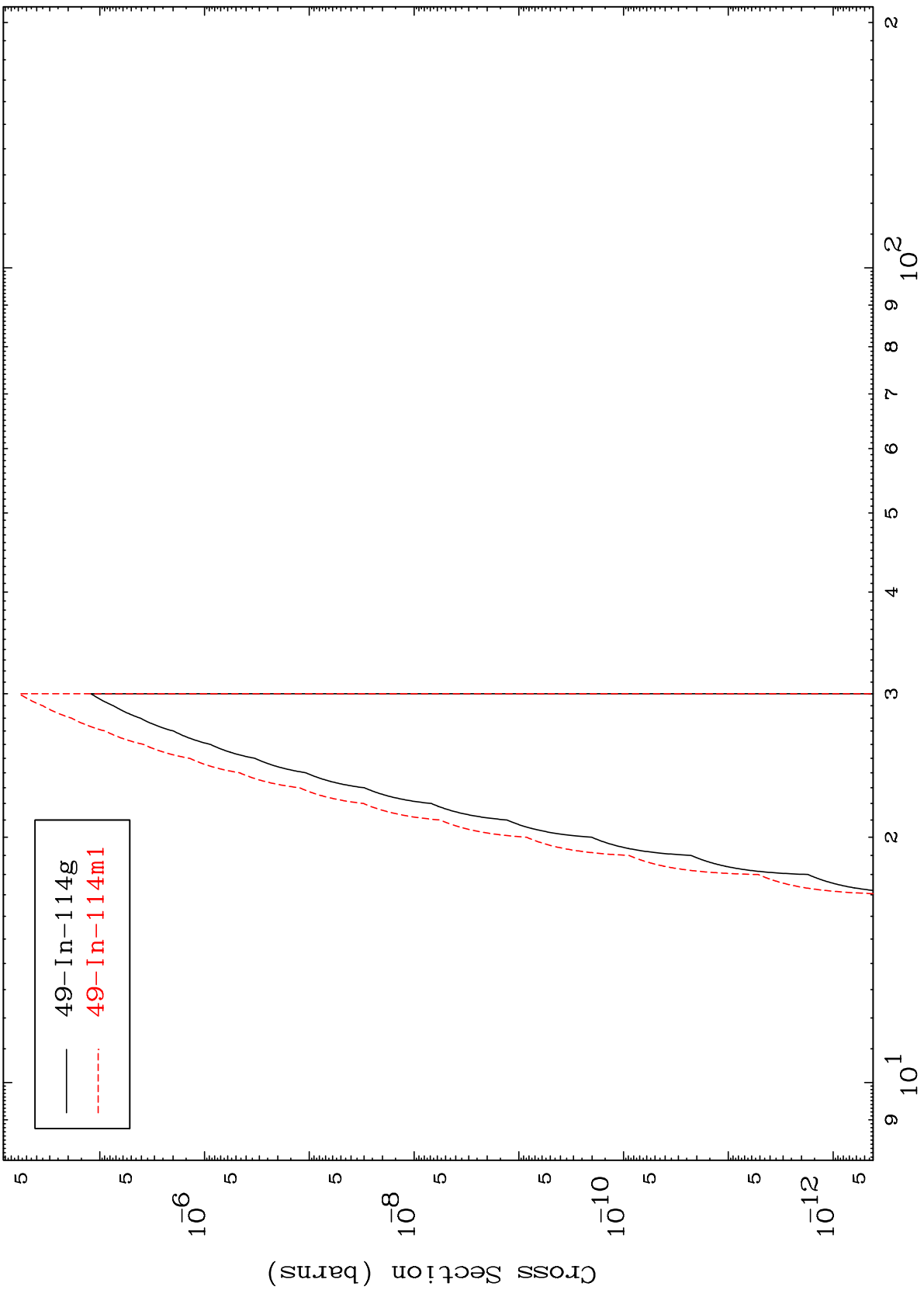
52-Te-119

MAT 5222

(n,n') p α

52-Te-119

Radionuclide Production Cross Section



49-In-114g
49-In-114m1

121

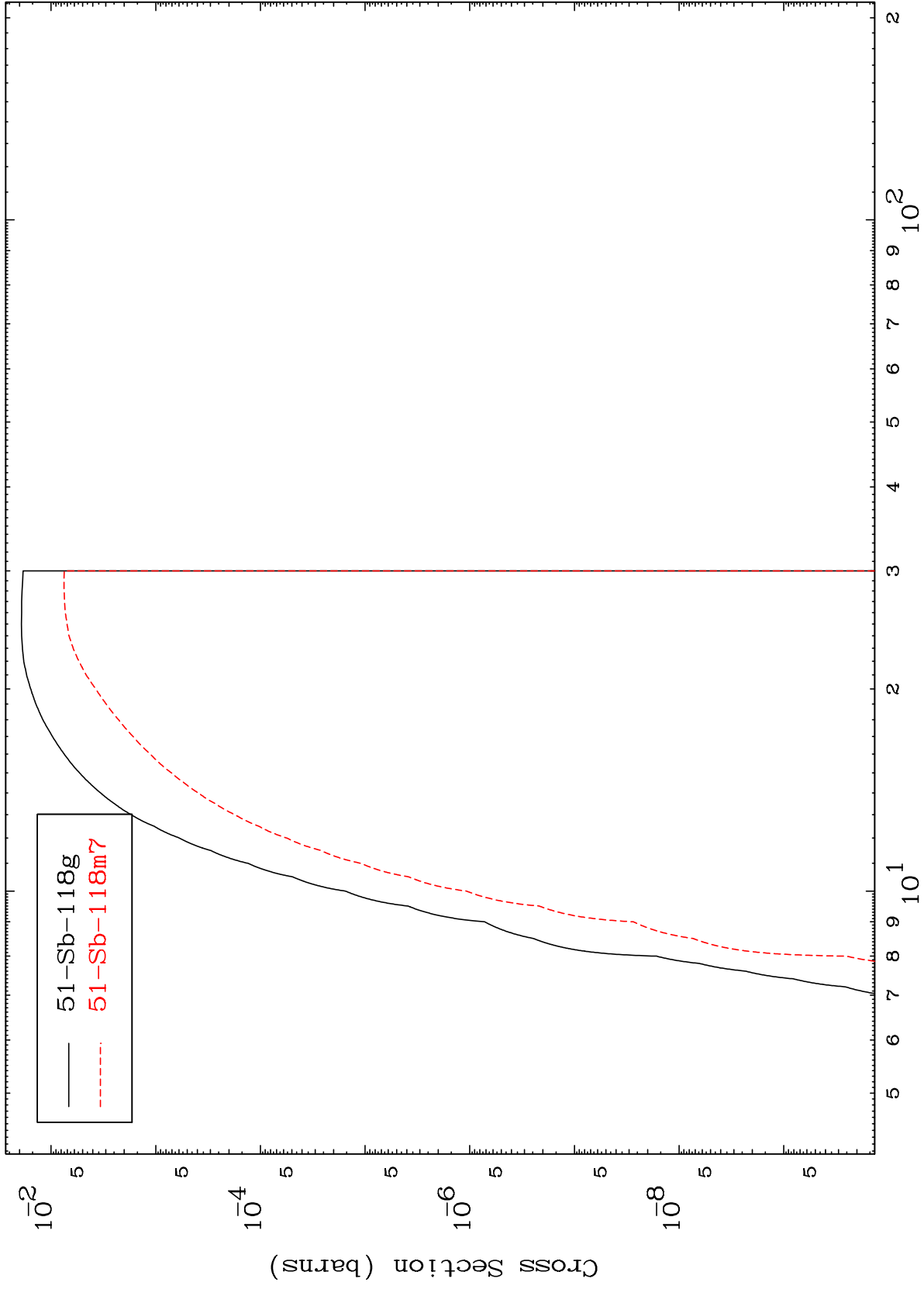
Incident Energy (MeV)

52-Te-119

MAT 5222

52-Te-119

(n,d)
Radionuclide Production Cross Section

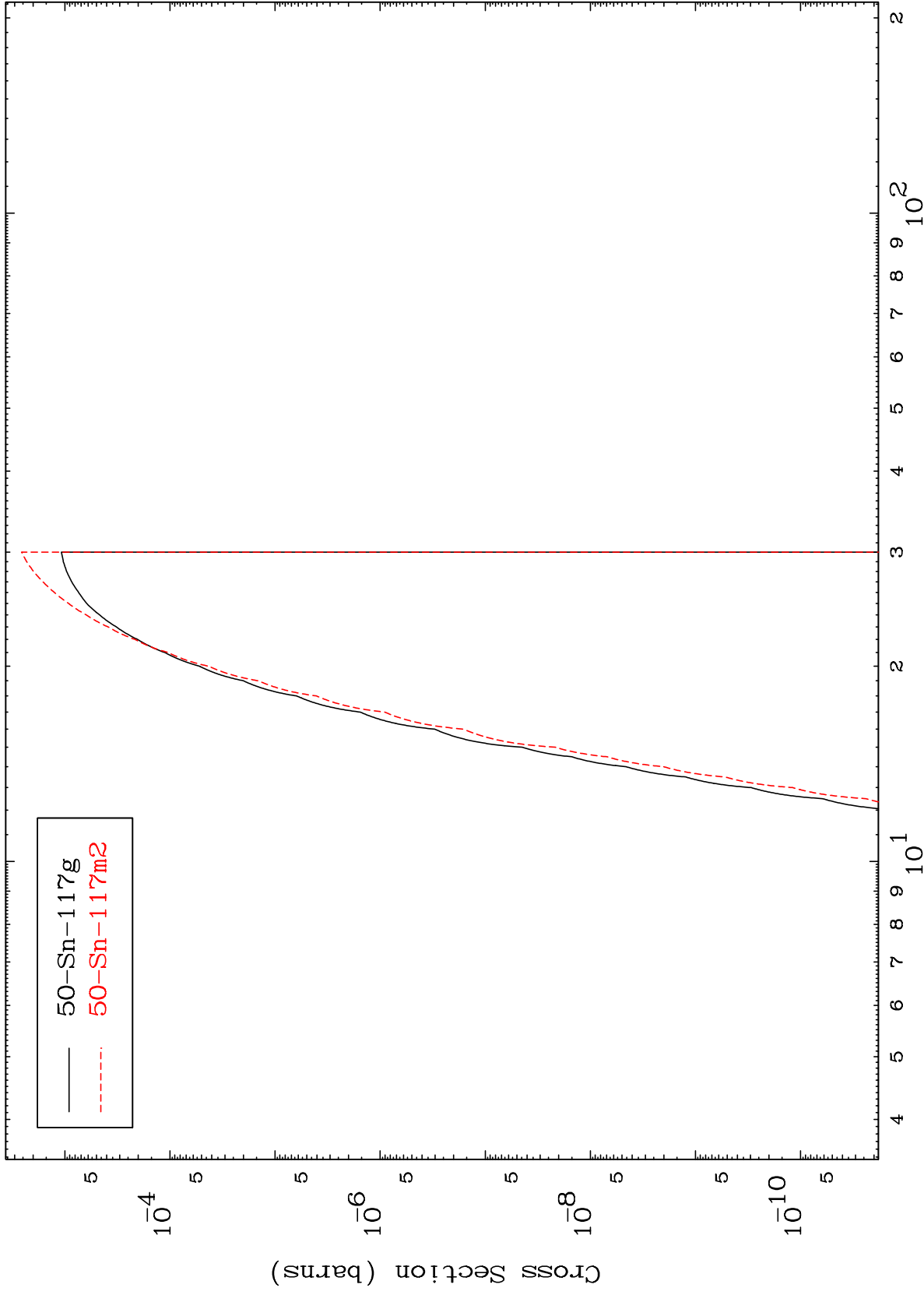


122

Incident Energy (MeV)

52-Te-119

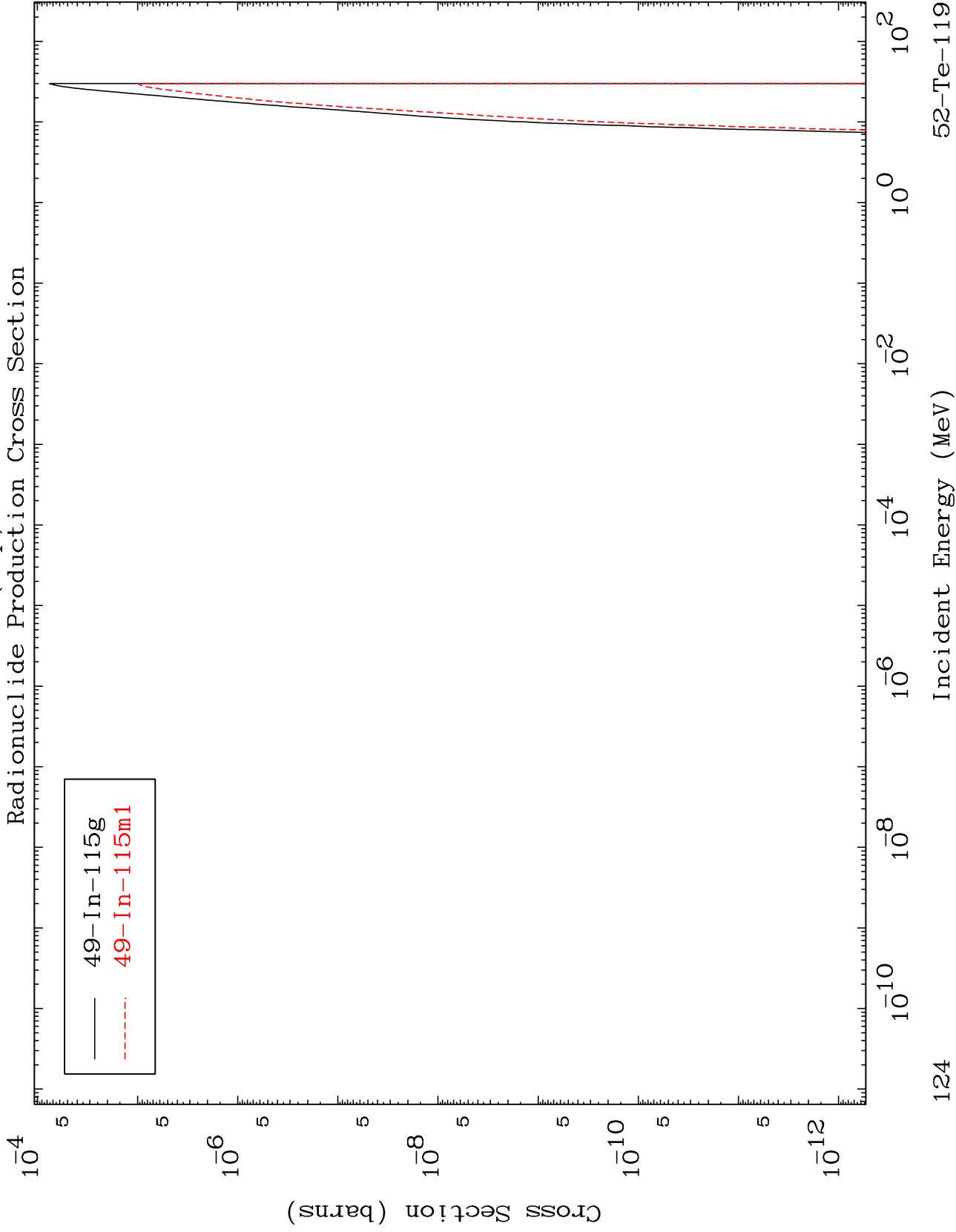
Radionuclide Production Cross Section



MAT 5222

(n,p) α

52-Te-119

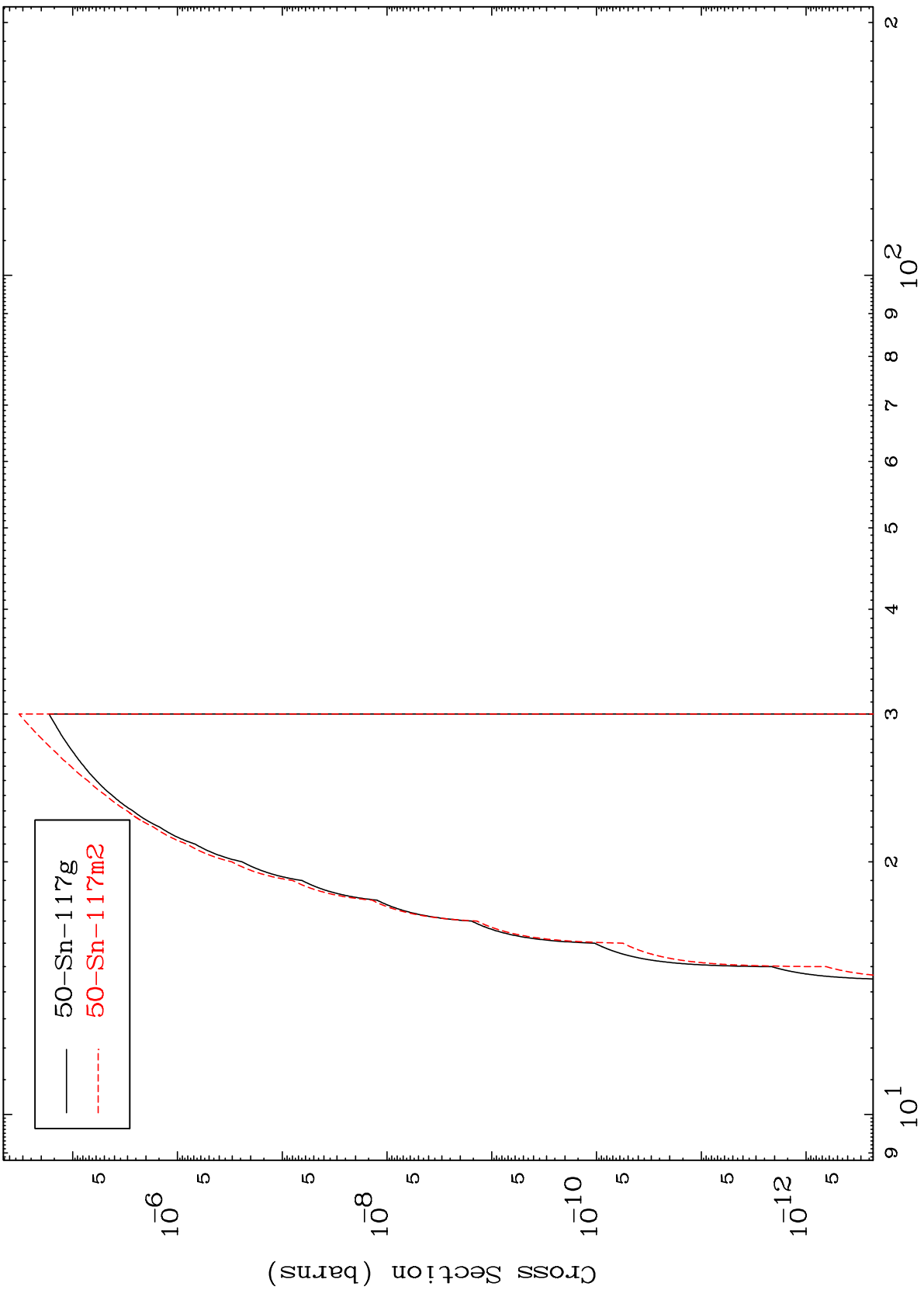


MAT 5222

(n,p) d

52-Te-119

Radionuclide Production Cross Section



50-Sn-117g
50-Sn-117m2

Incident Energy (MeV)

52-Te-119

125

(n,d) α
Radionuclide Production Cross Section

