

Program EVALPLOT
(Version 2015-2)

by

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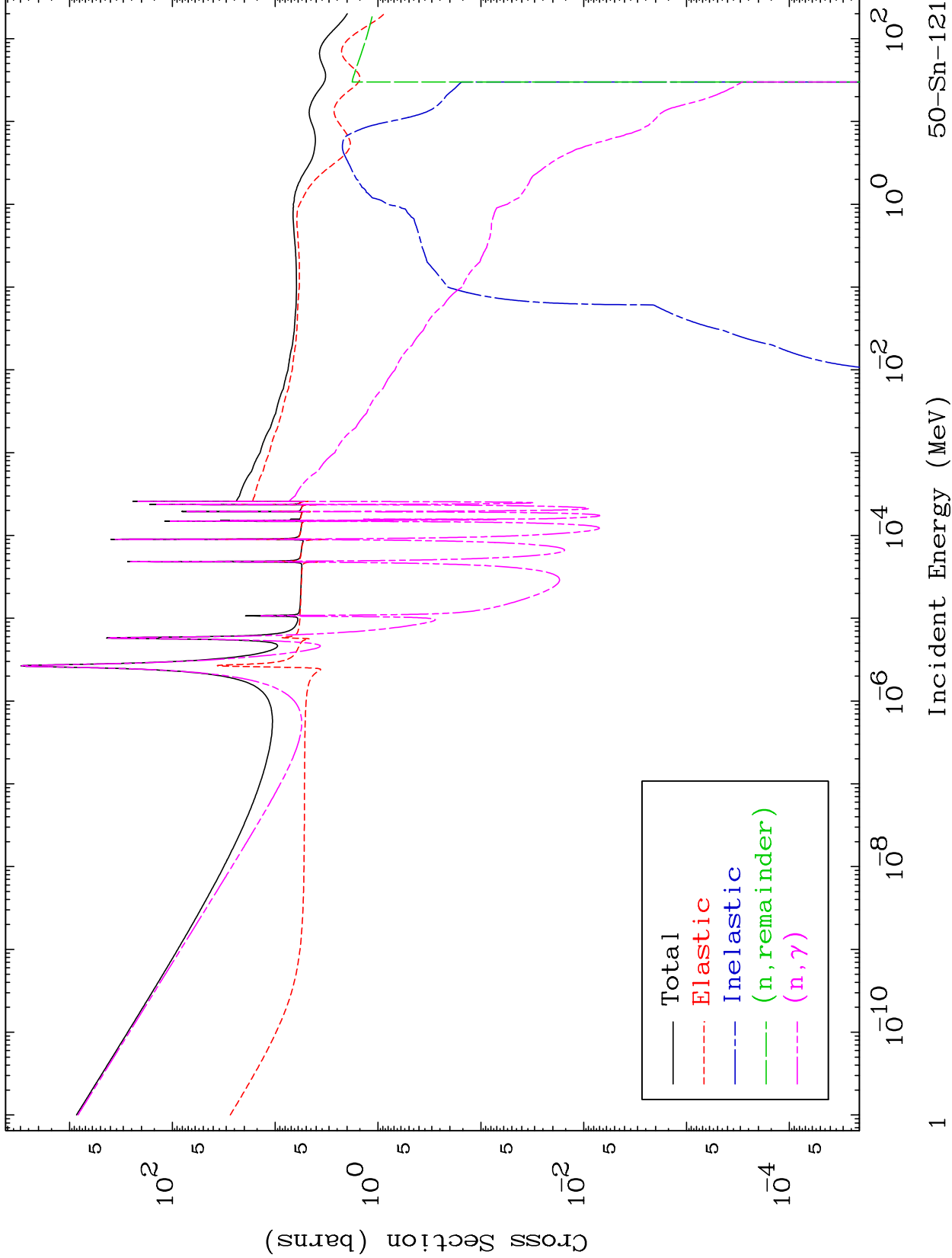
Press Mouse Button to Start

MAT 5052

Major

293 Kelvin Cross Sections

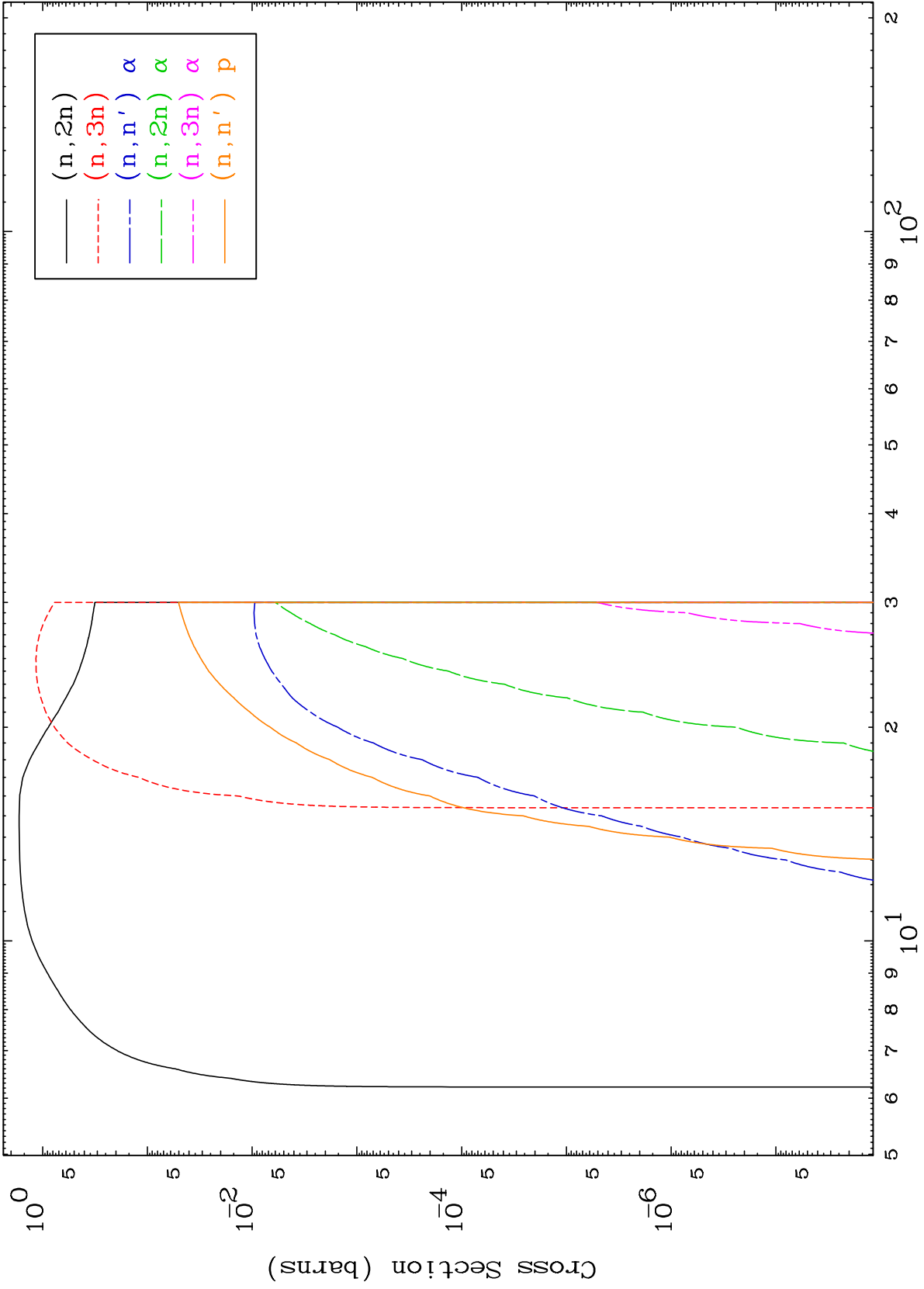
50-Sn-121



MAT 5052

Neutron Production
293 Kelvin Cross Sections

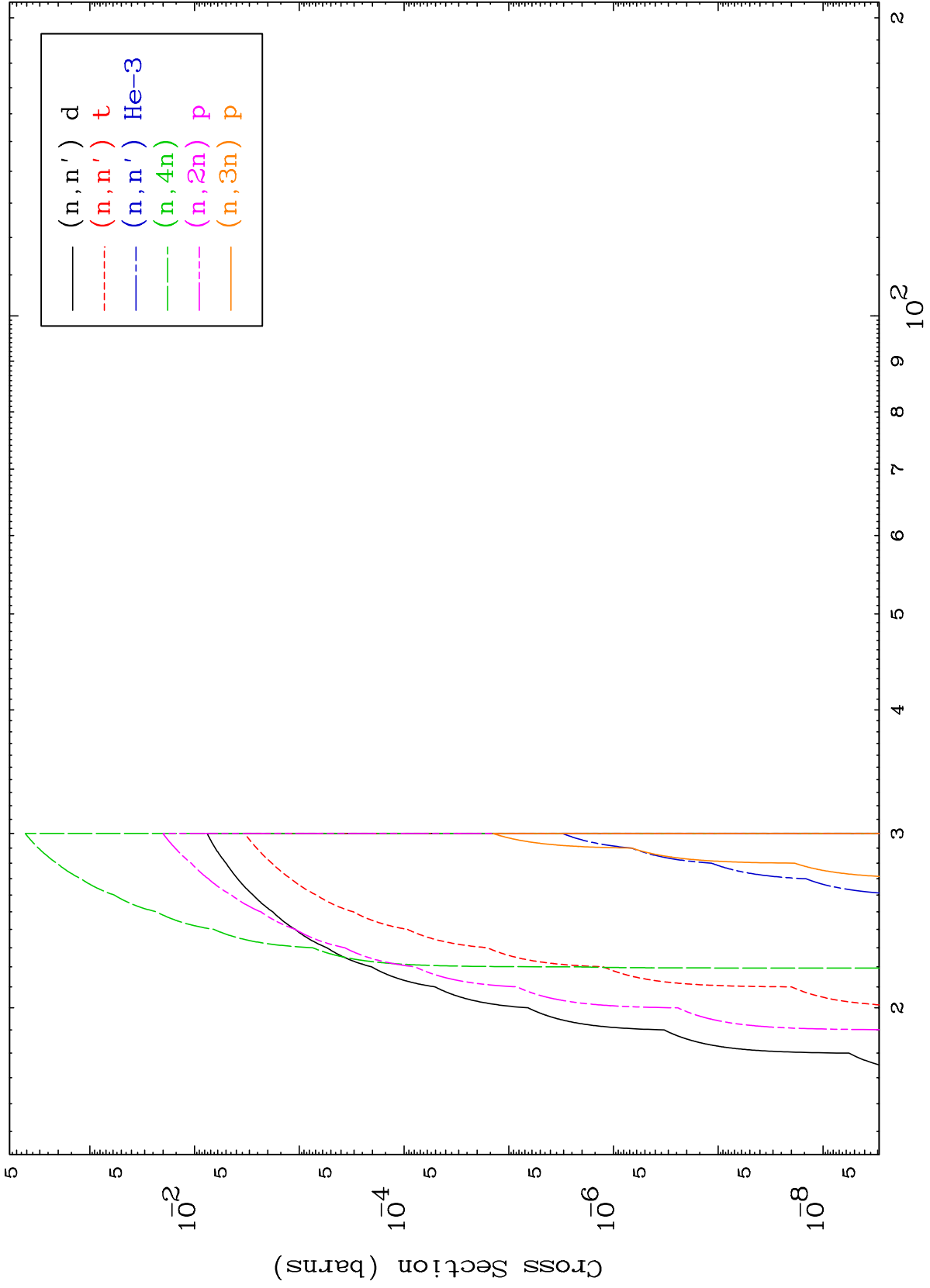
50-Sn-121



2

Incident Energy (MeV)

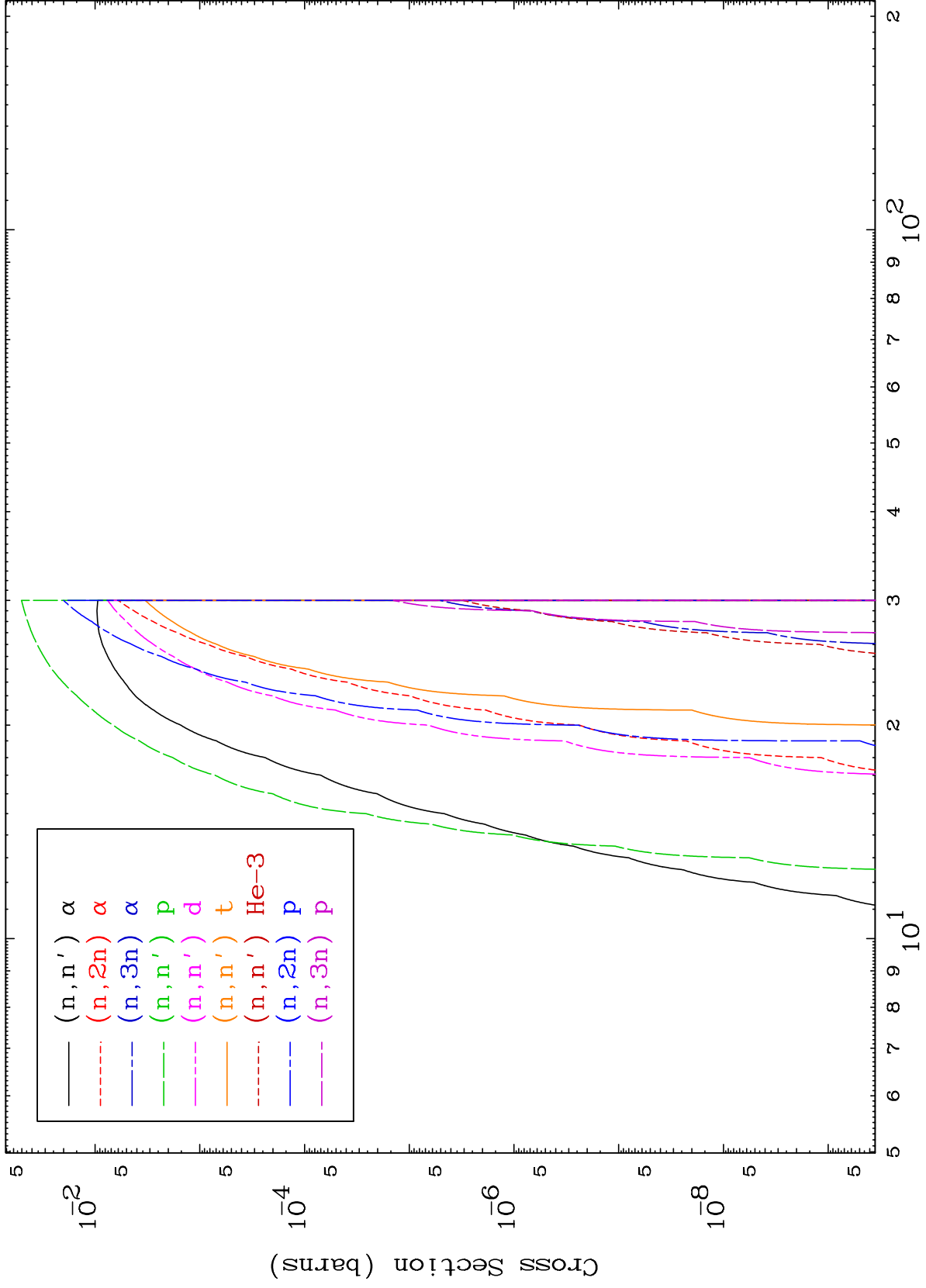
50-Sn-121



MAT 5052

Charged Particle
293 Kelvin Cross Sections

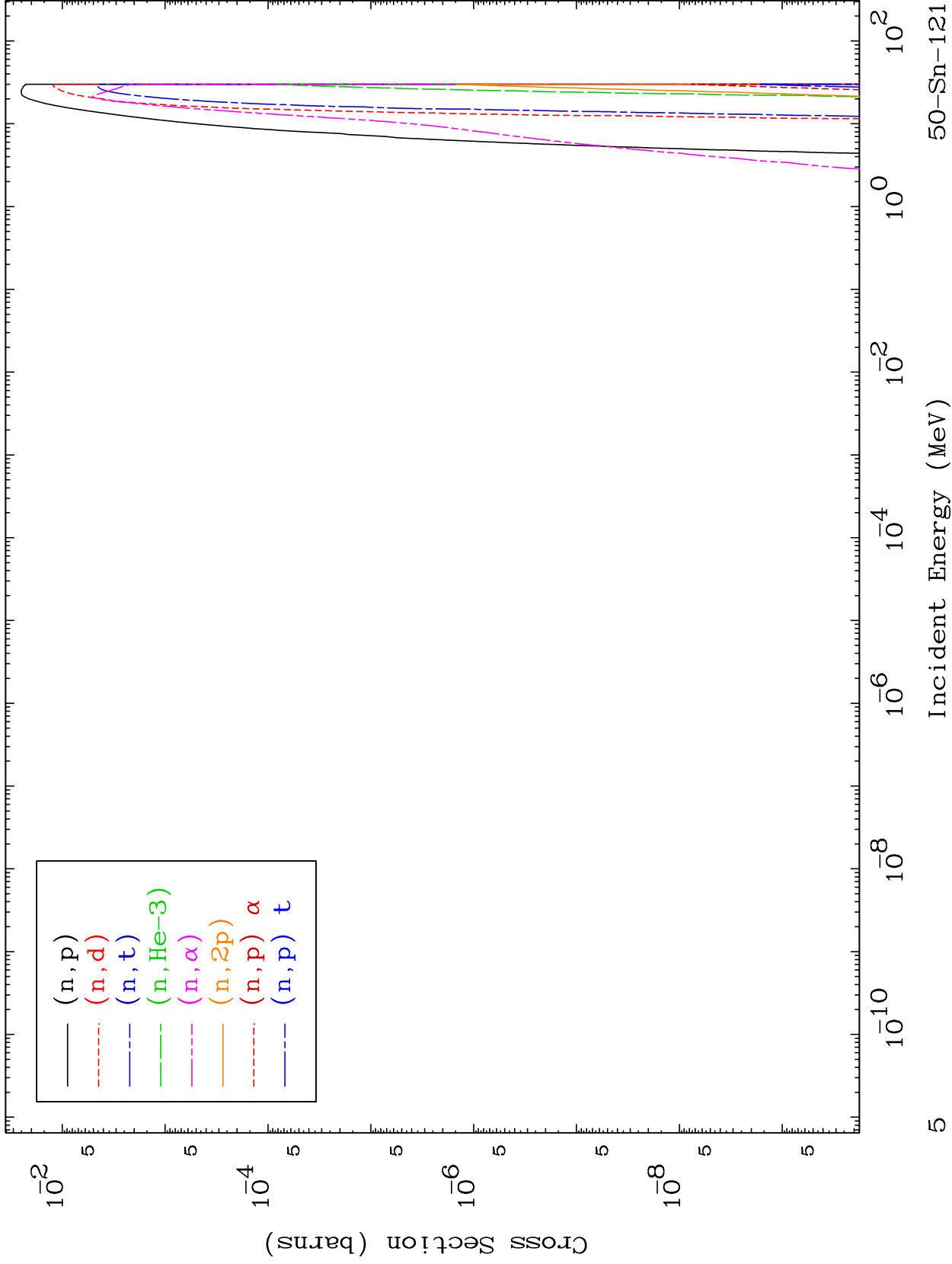
50-Sn-121



MAT 5052

Charged Particle
293 Kelvin Cross Sections

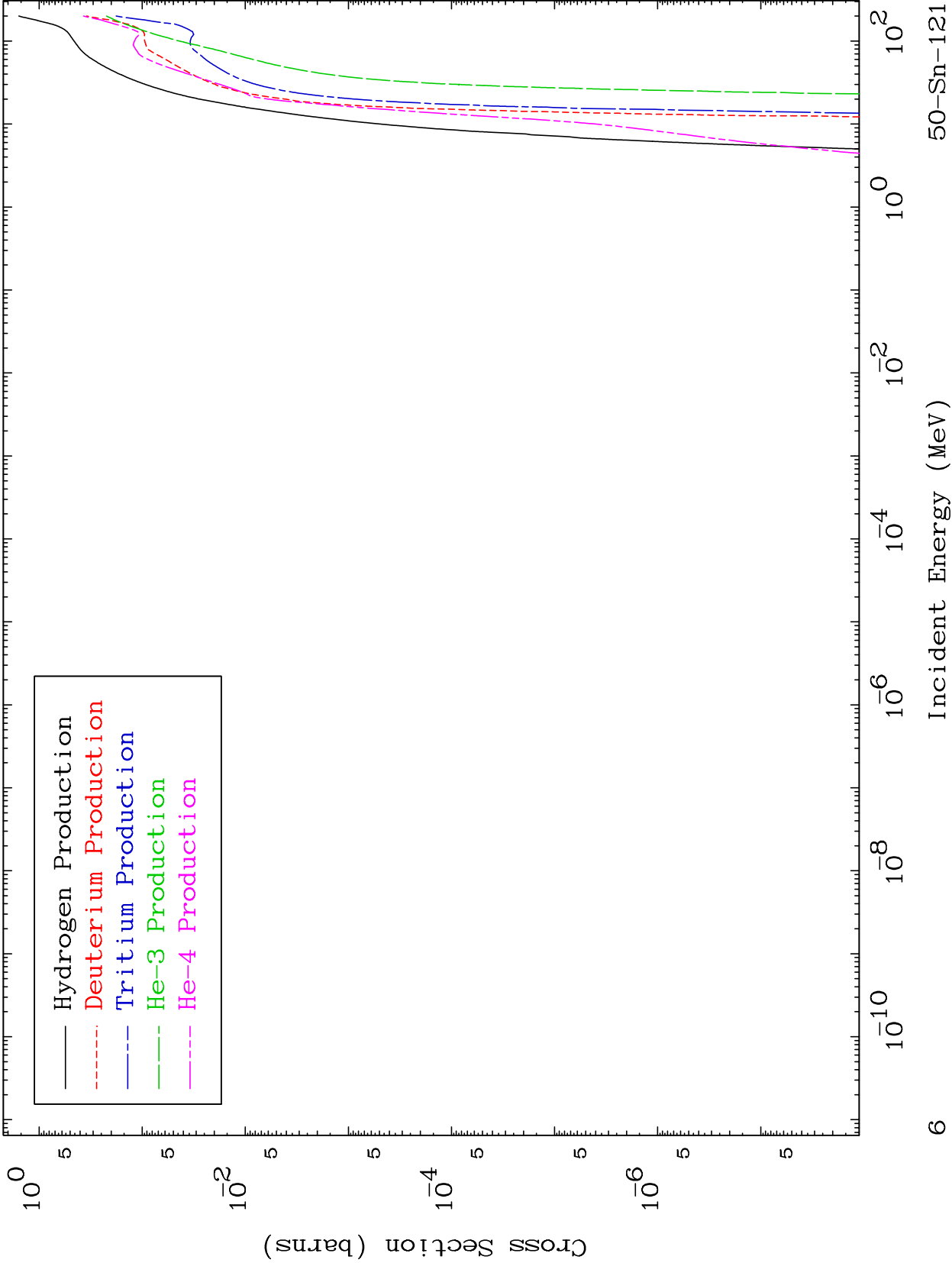
50-Sn-121



MAT 5052

Particle Production
293 Kelvin Cross Sections

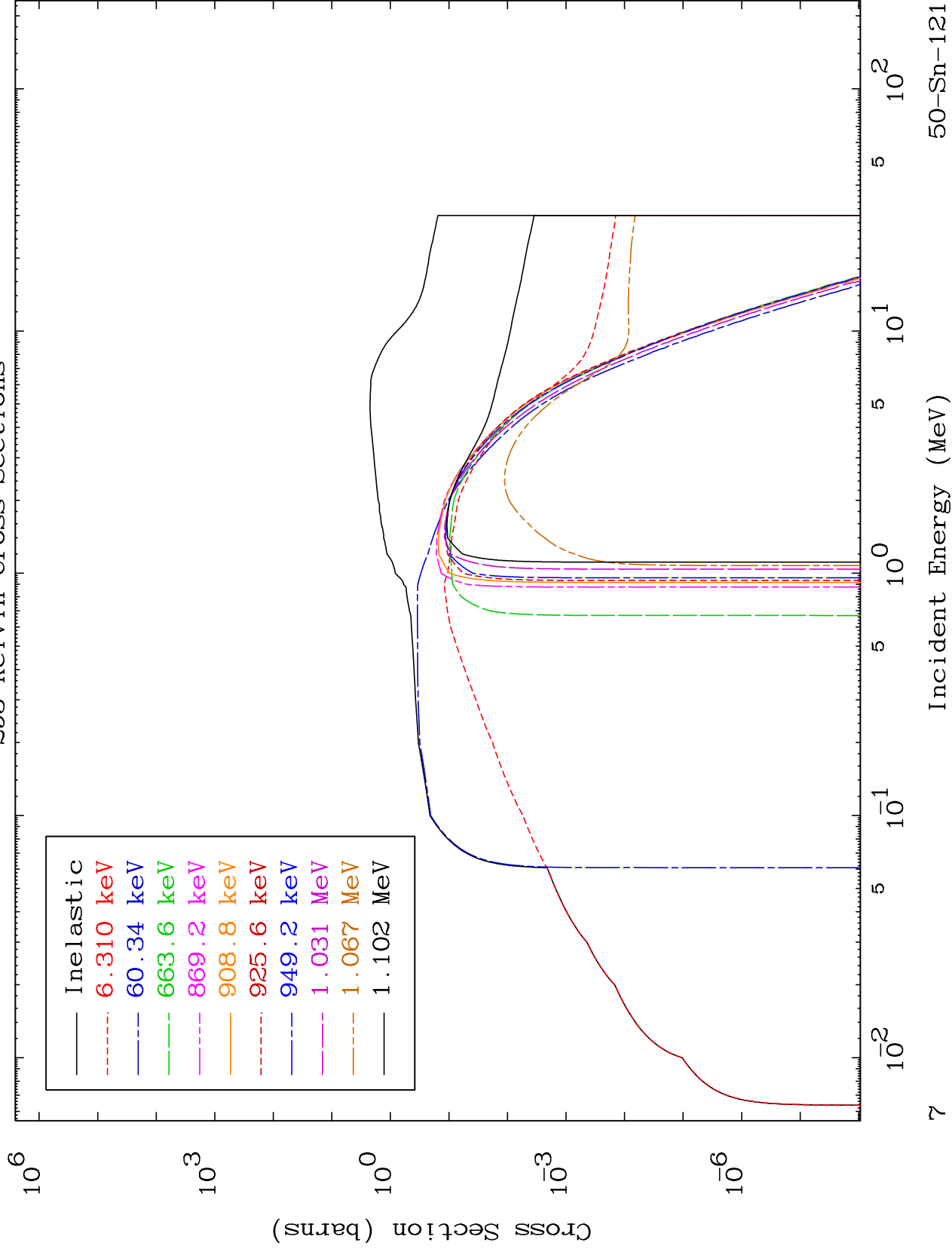
50-Sn-121



MAT 5052

(n,n') Level
293 Kelvin Cross Sections

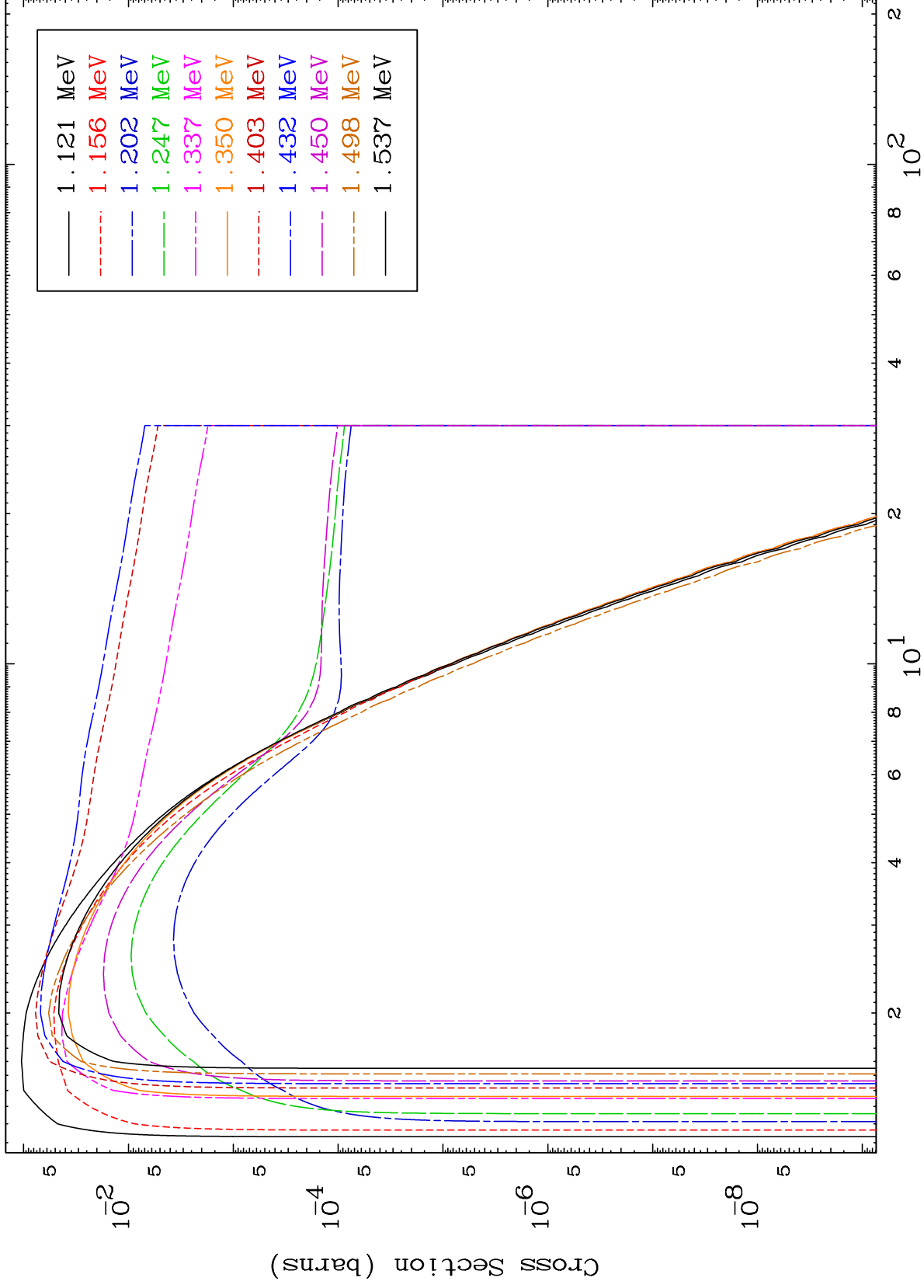
50-Sn-121



MAT 5052

(n,n') Level
293 Kelvin Cross Sections

50-Sn-121



8

Incident Energy (MeV)

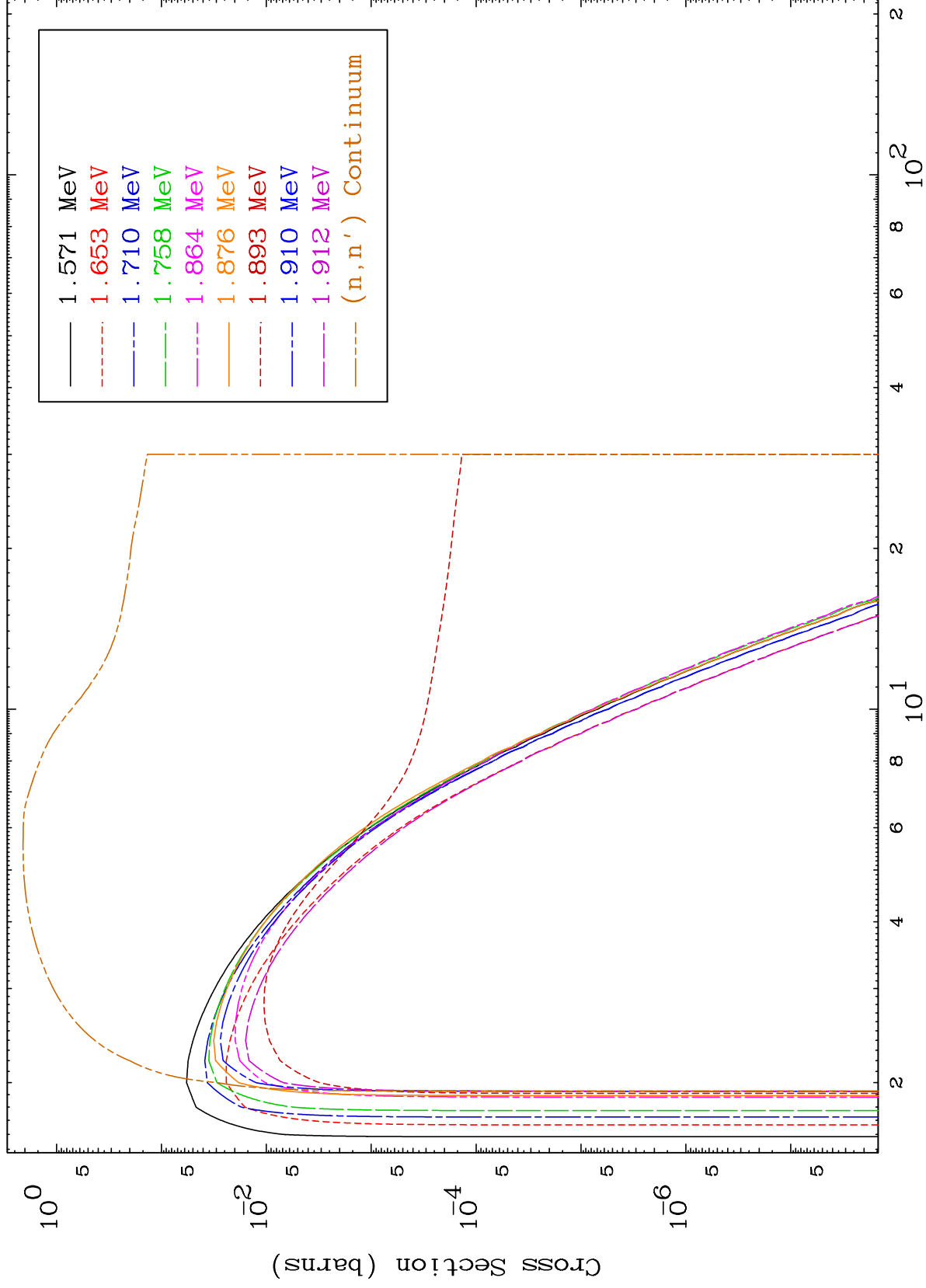
50-Sn-121

MAT 5052

(n,n') Level

50-Sn-121

293 Kelvin Cross Sections



9

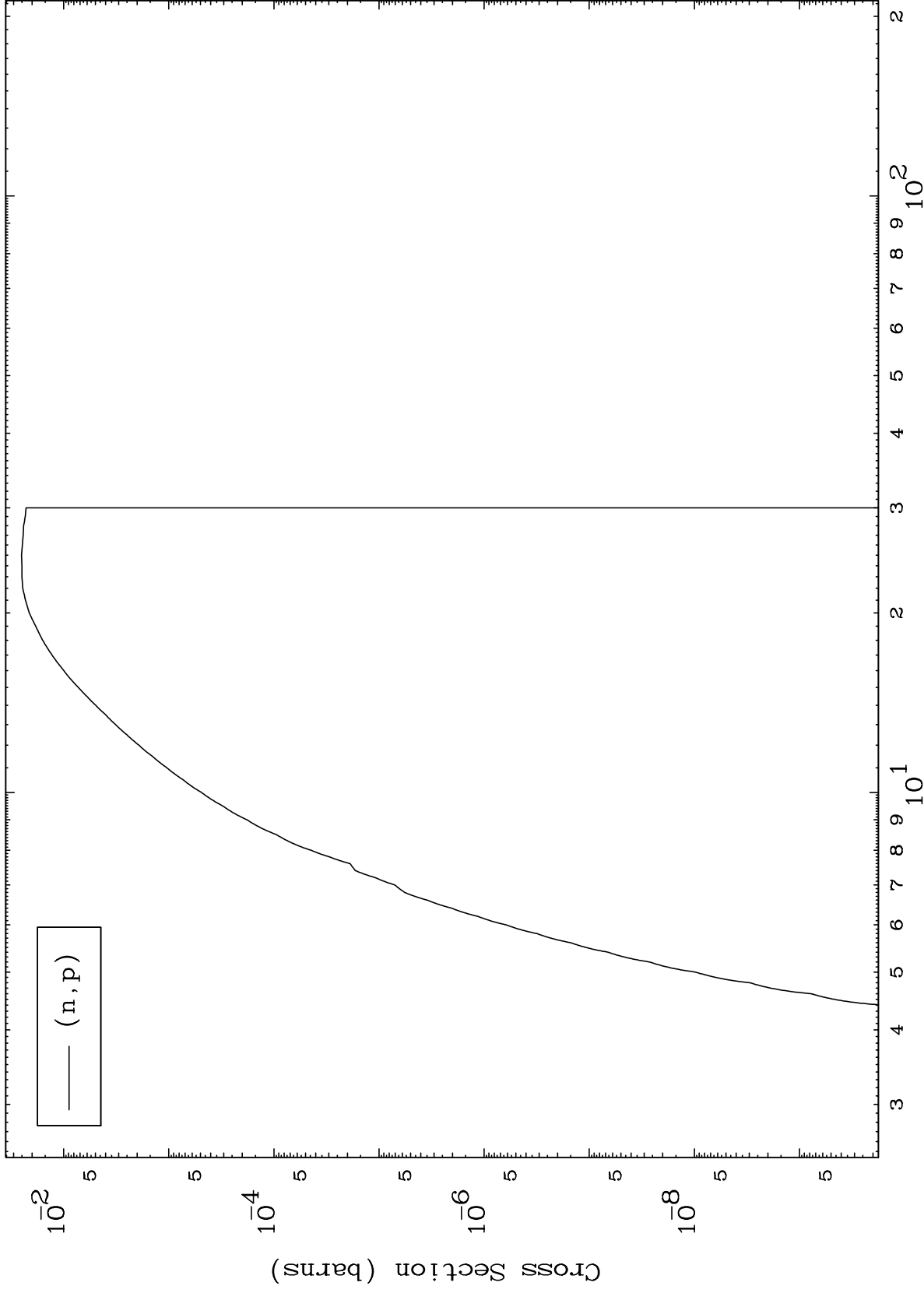
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-121



10

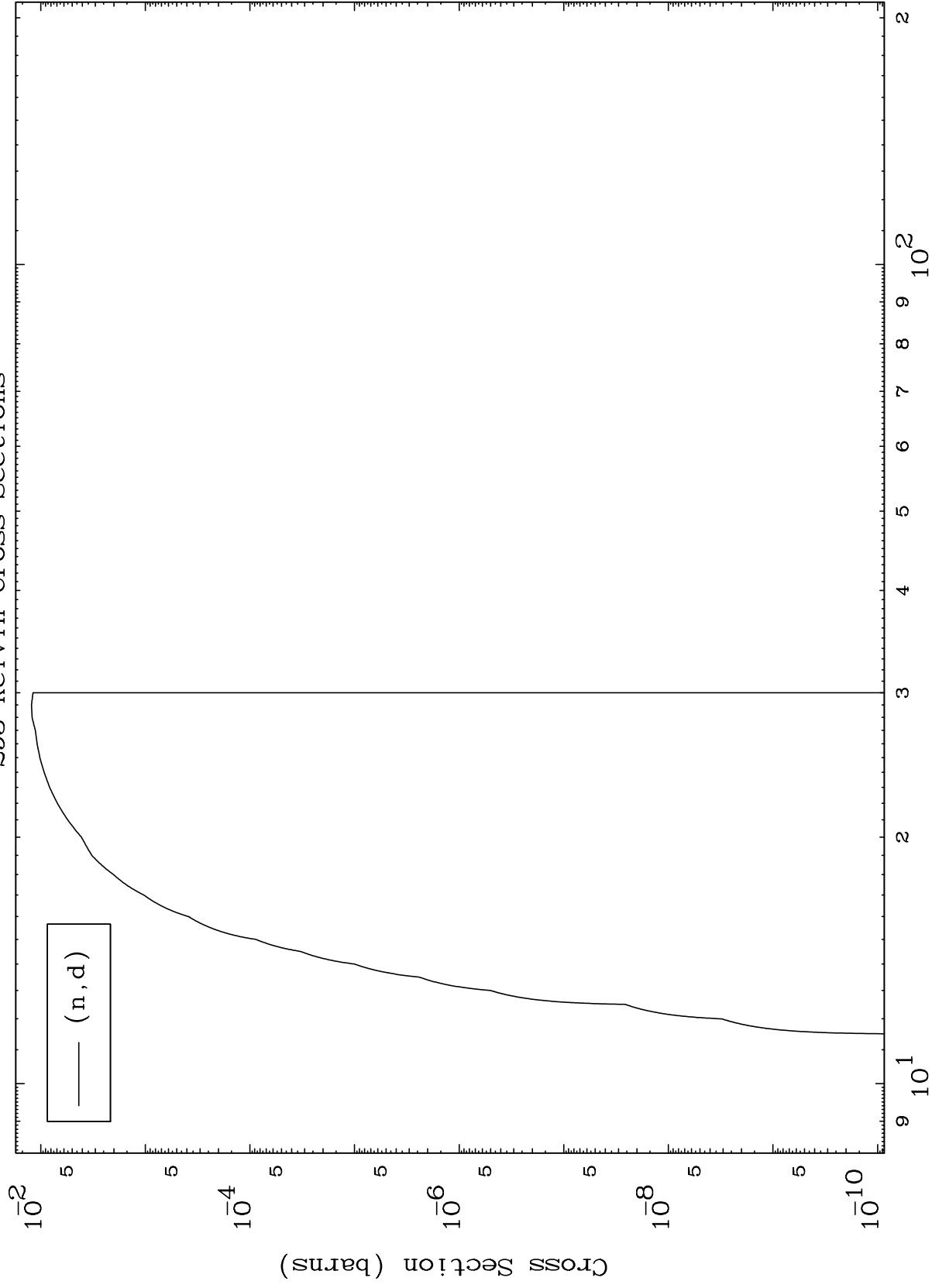
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-121



11

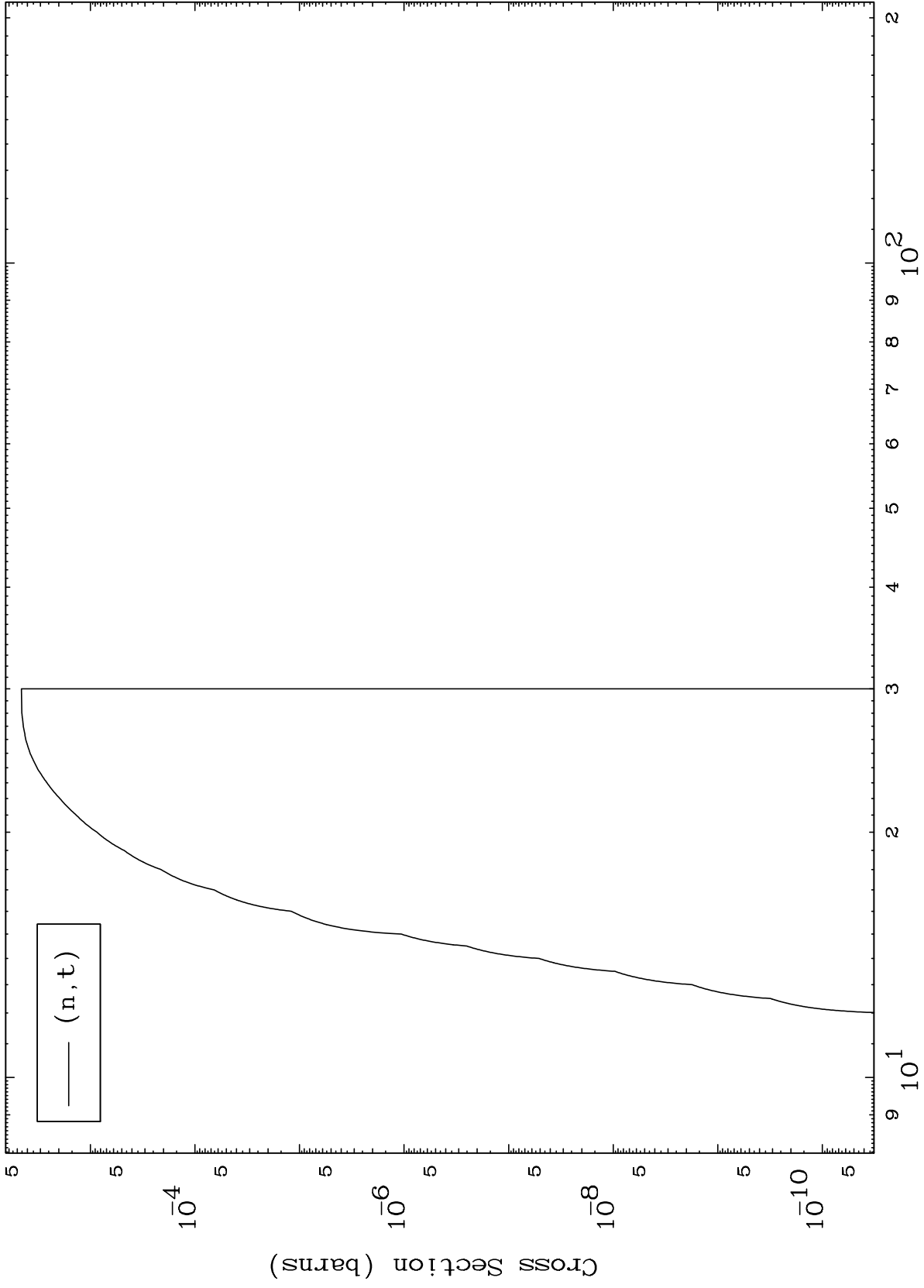
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-121



12

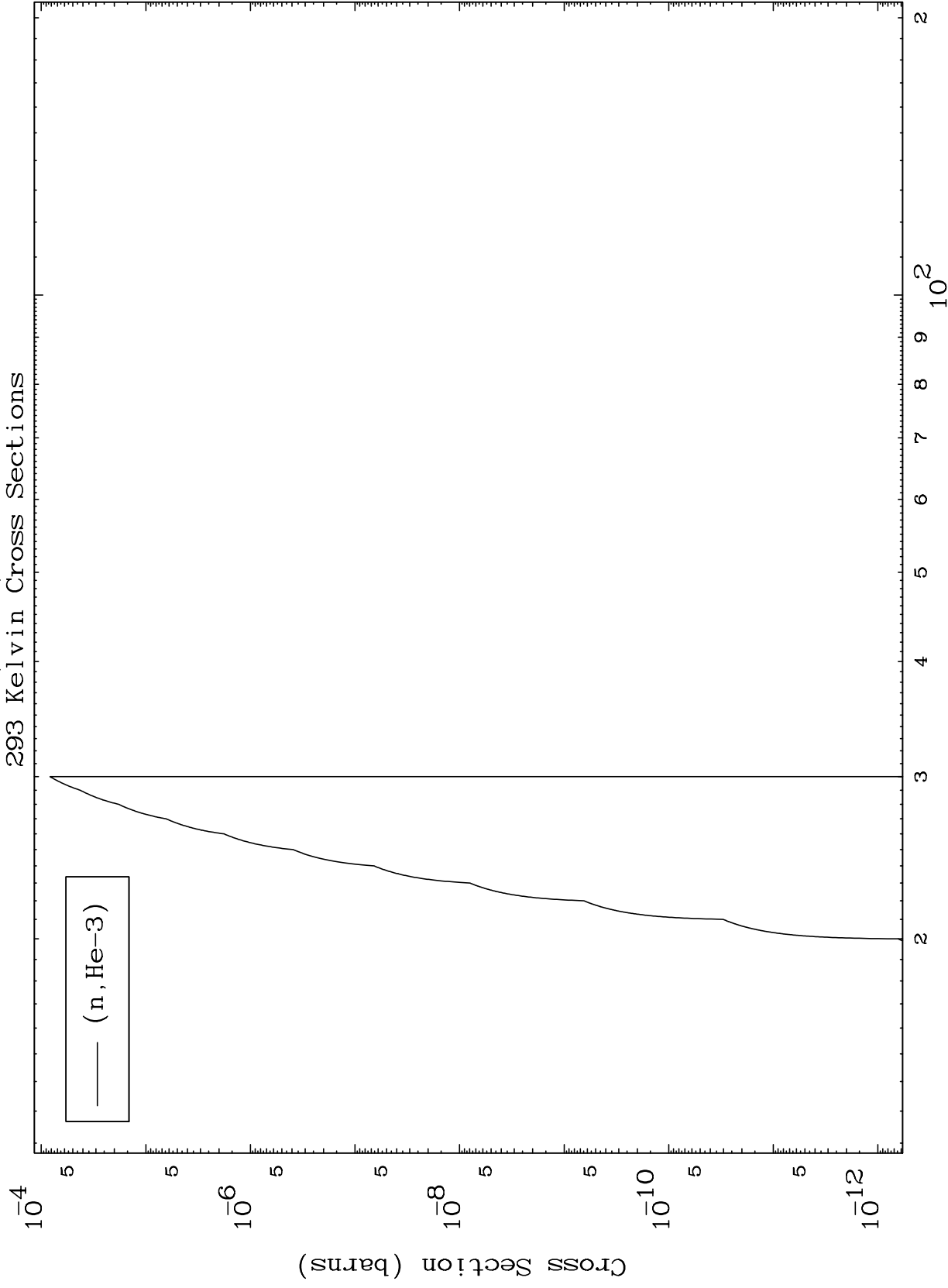
Incident Energy (MeV)

50-Sn-121

MAT 5052

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-121



13

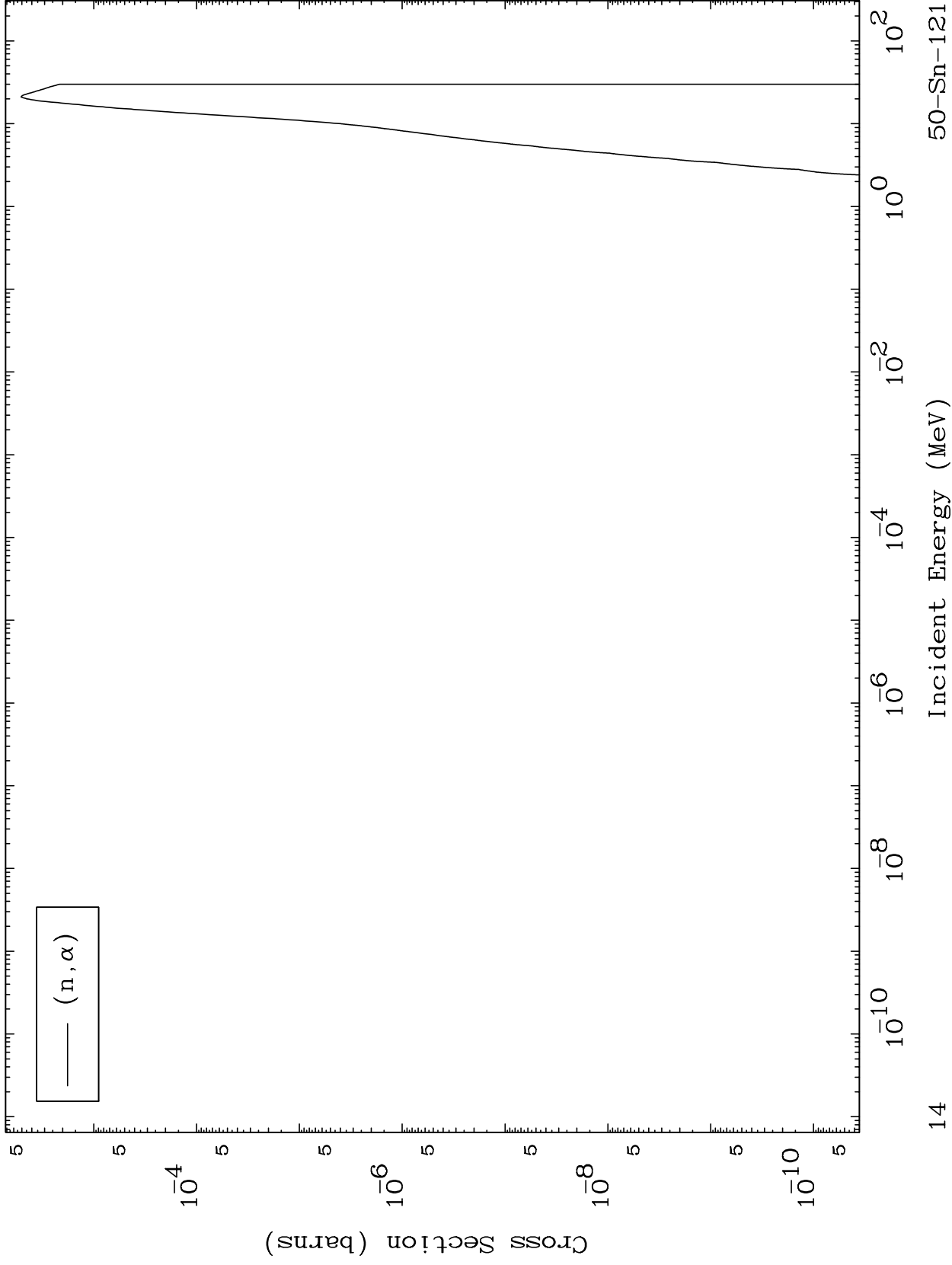
Incident Energy (MeV)

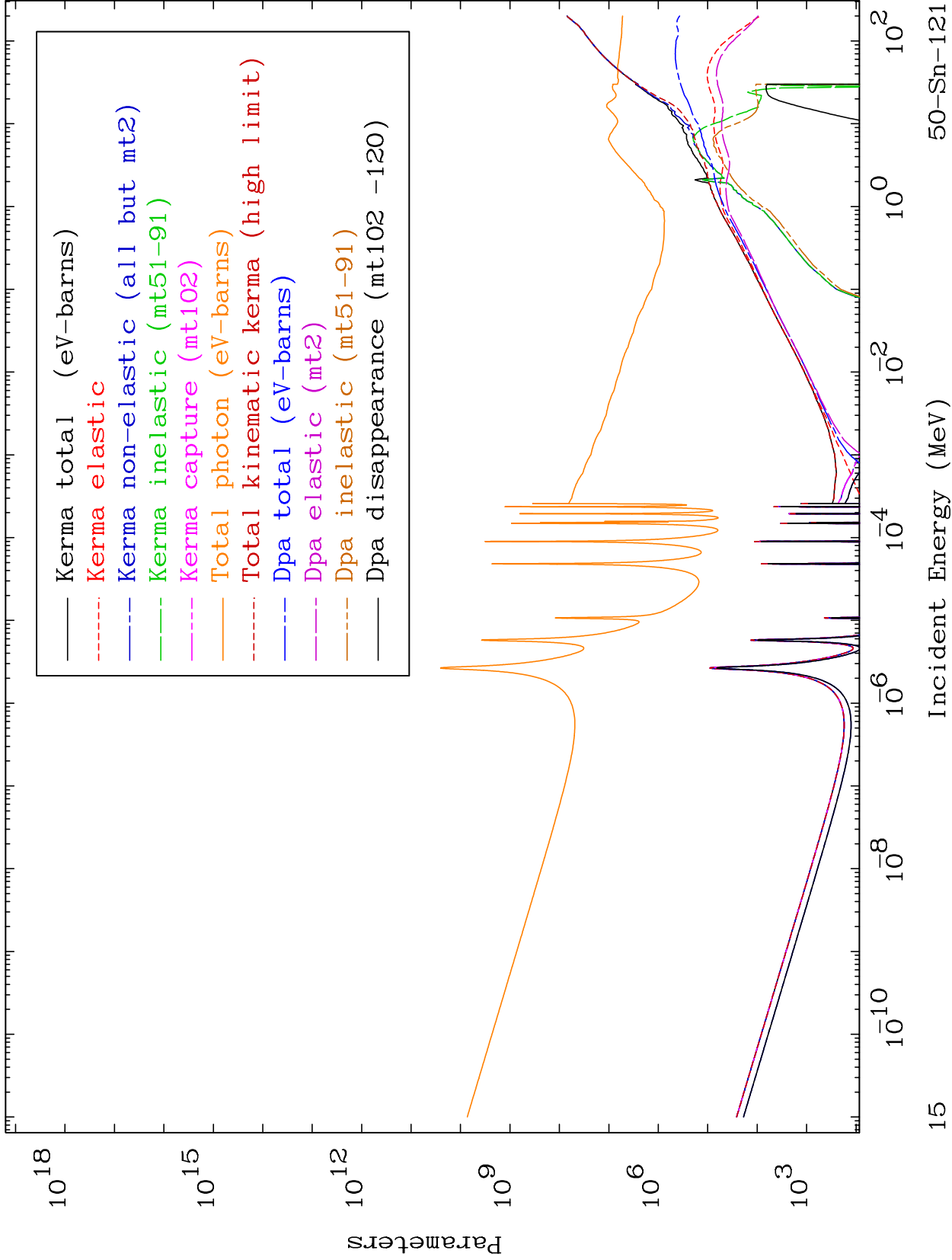
50-Sn-121

MAT 5052

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-121

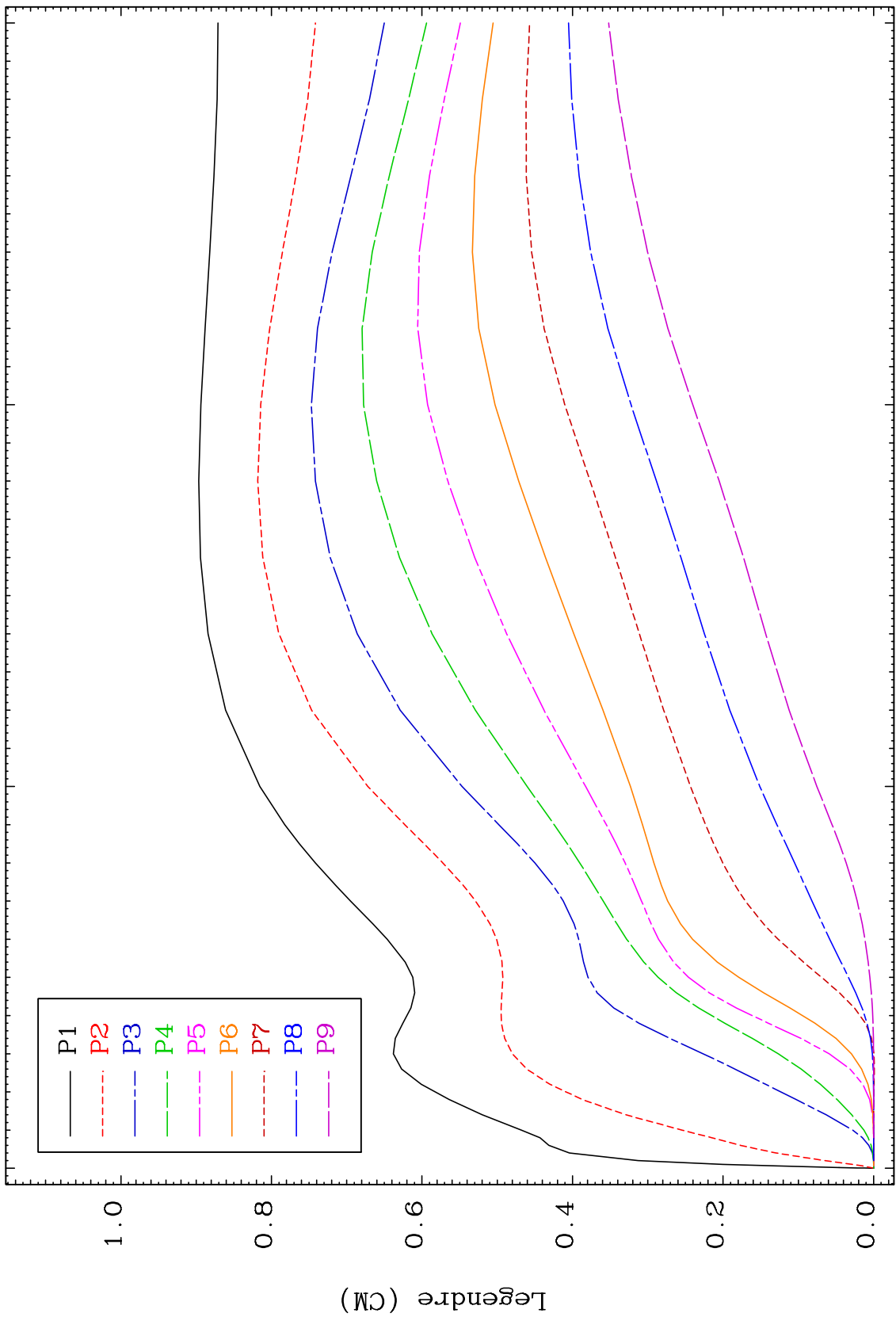




MAT 5052

Elastic Legendre Coefficients

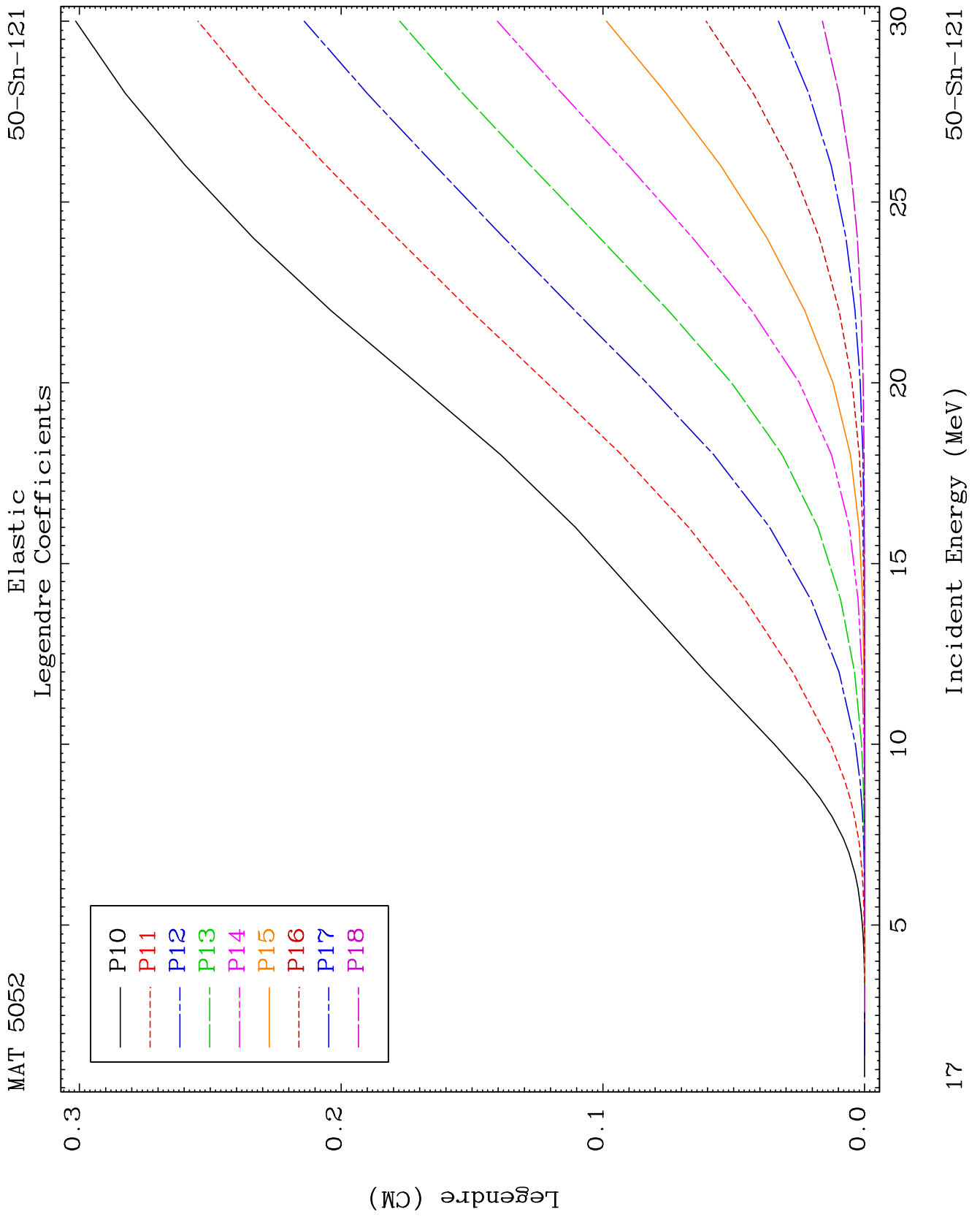
50-Sn-121



16

Incident Energy (MeV)

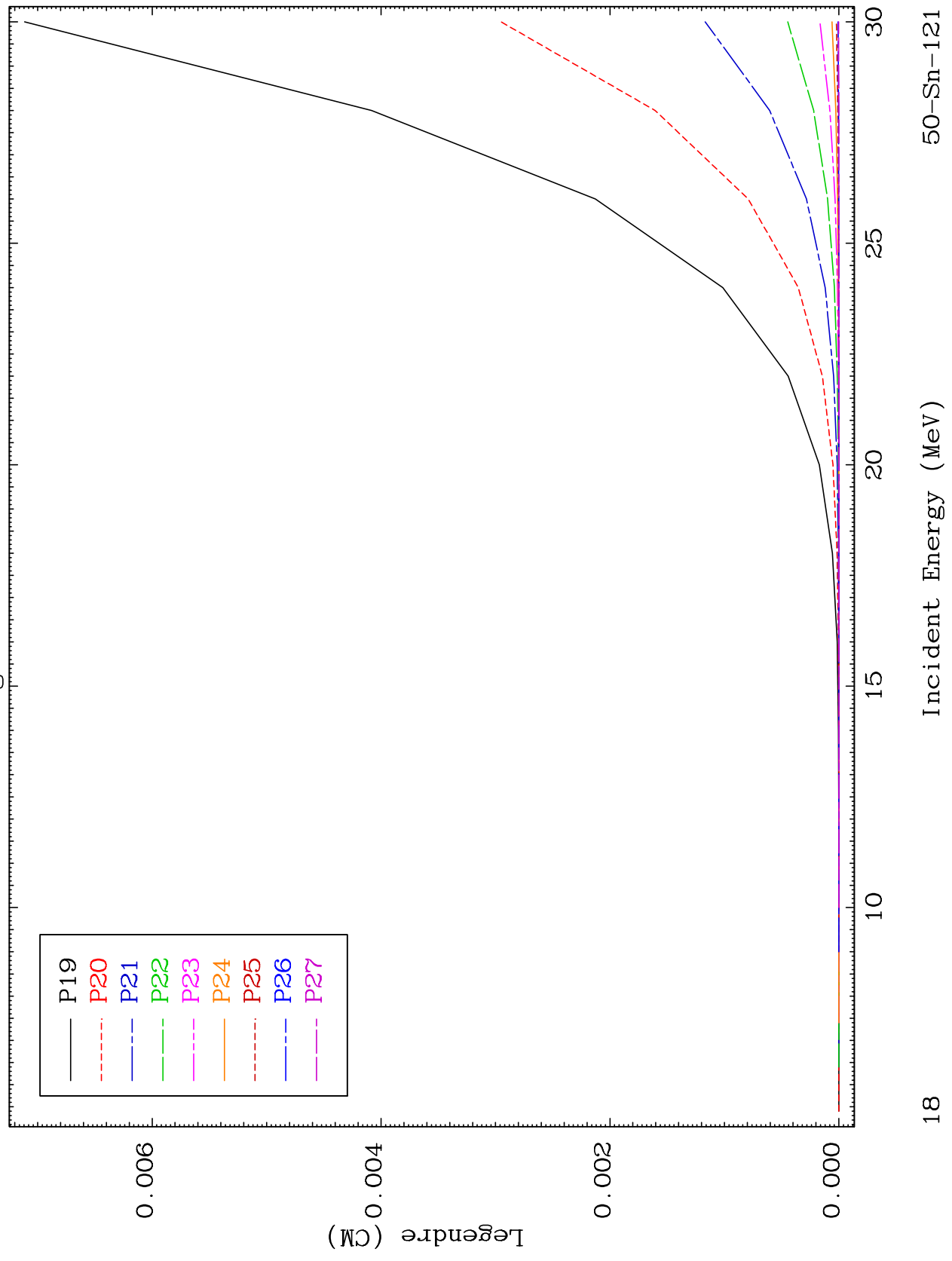
50-Sn-121



MAT 5052

Elastic Legendre Coefficients

50-Sn-121



18

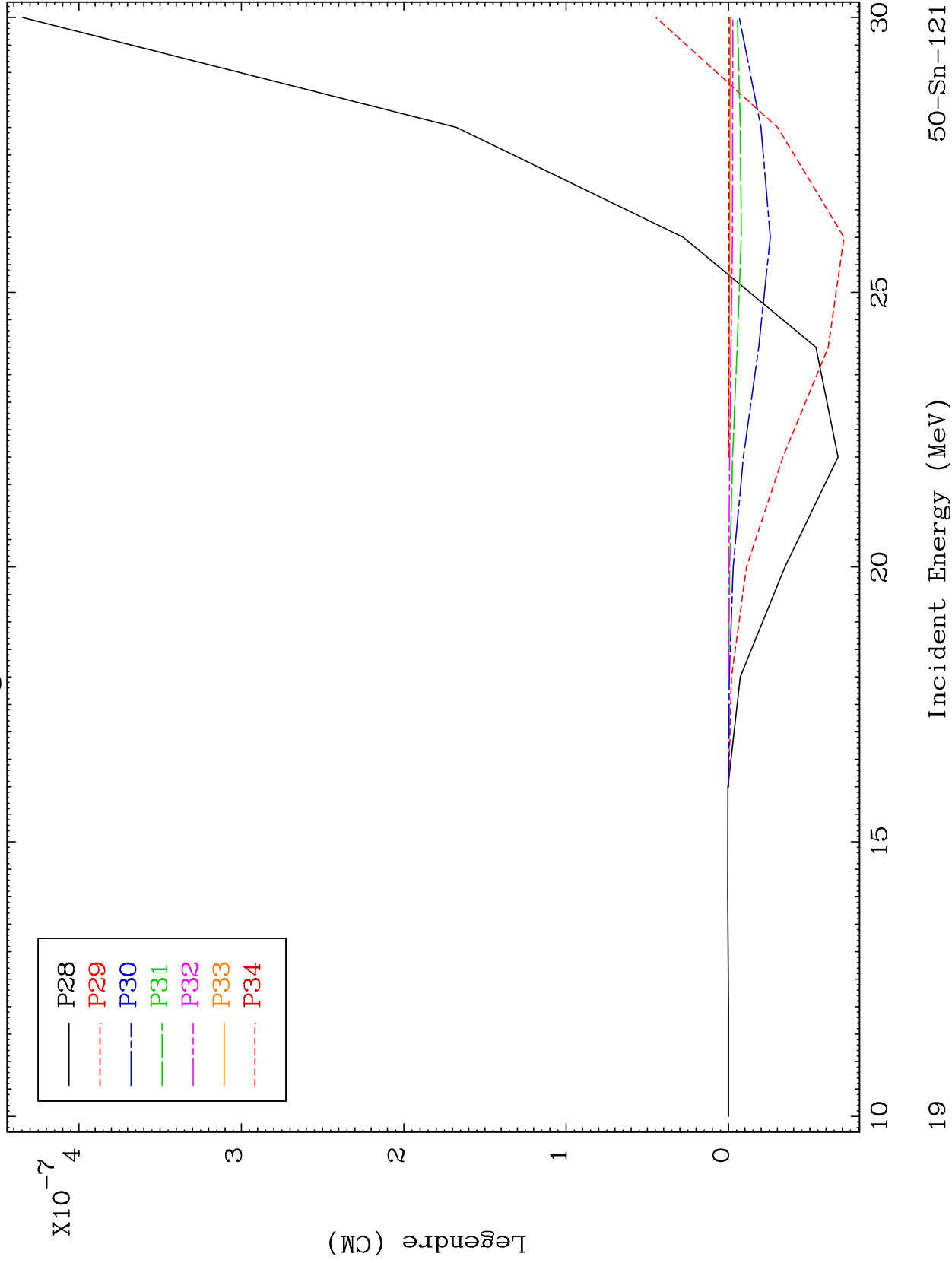
Incident Energy (MeV)

50-Sn-121

MAT 5052

Elastic Legendre Coefficients

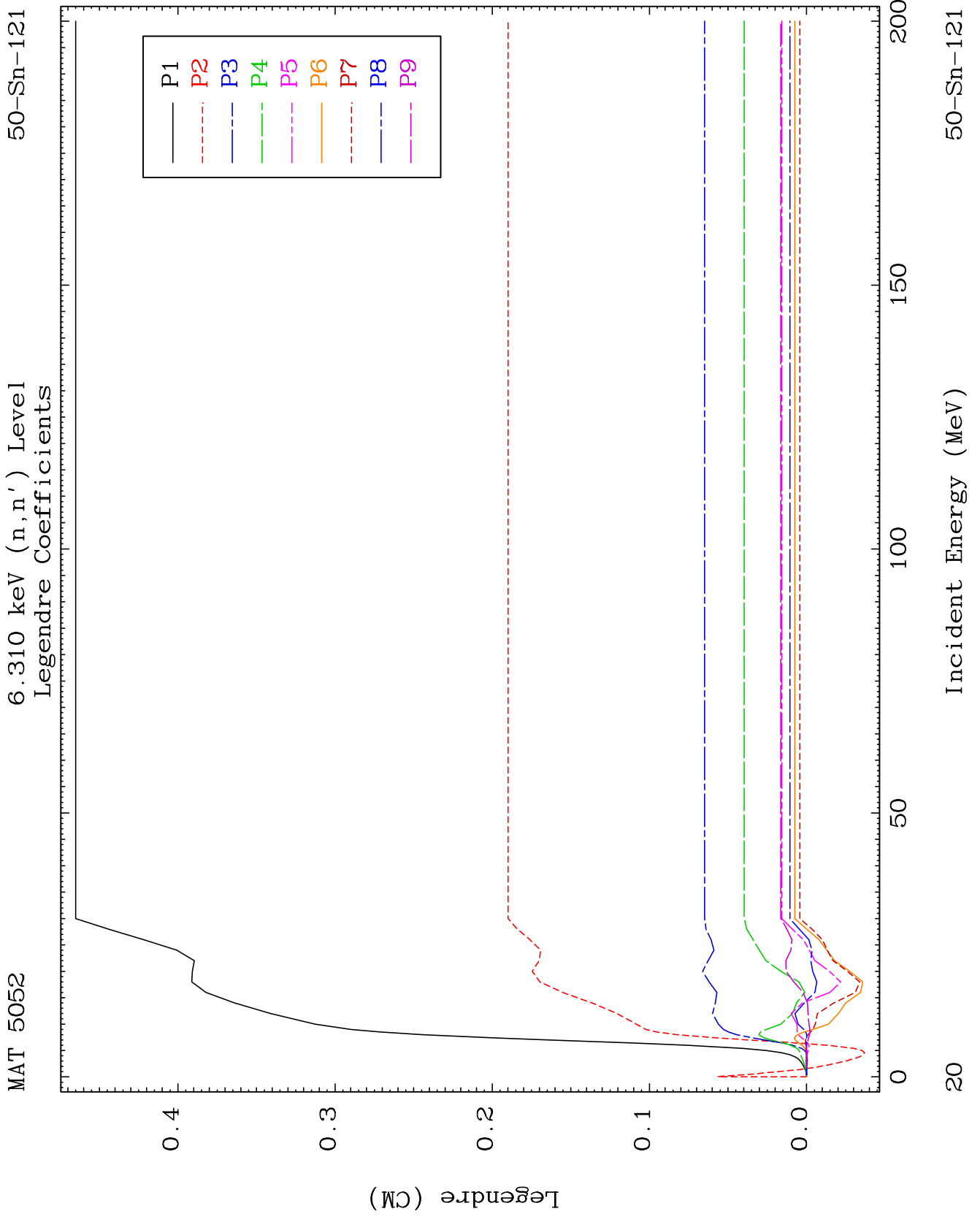
50-Sn-121



19

Incident Energy (MeV)

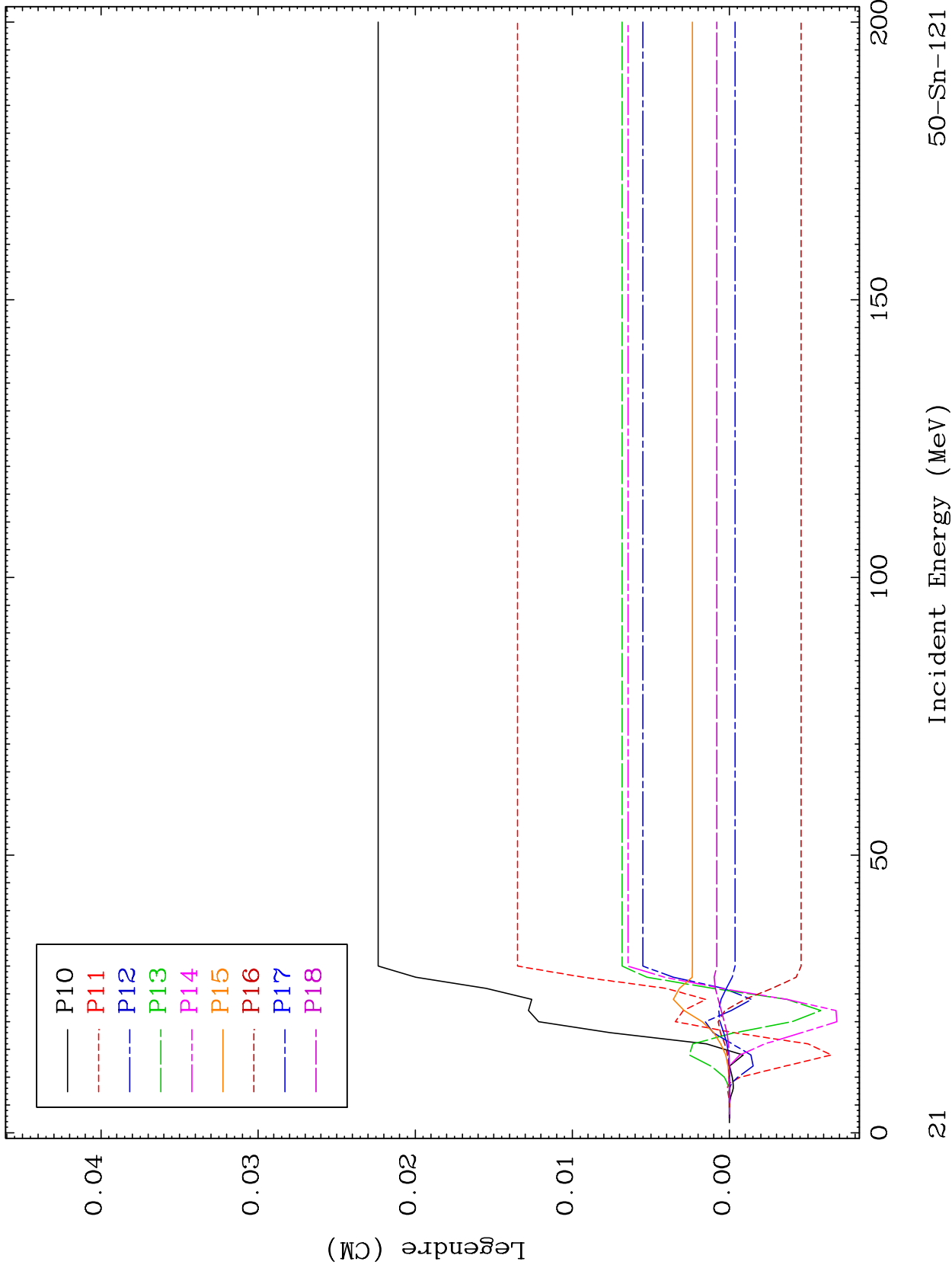
50-Sn-121



MAT 5052

6.310 keV (n,n') Level
Legendre Coefficients

50-Sn-121



21

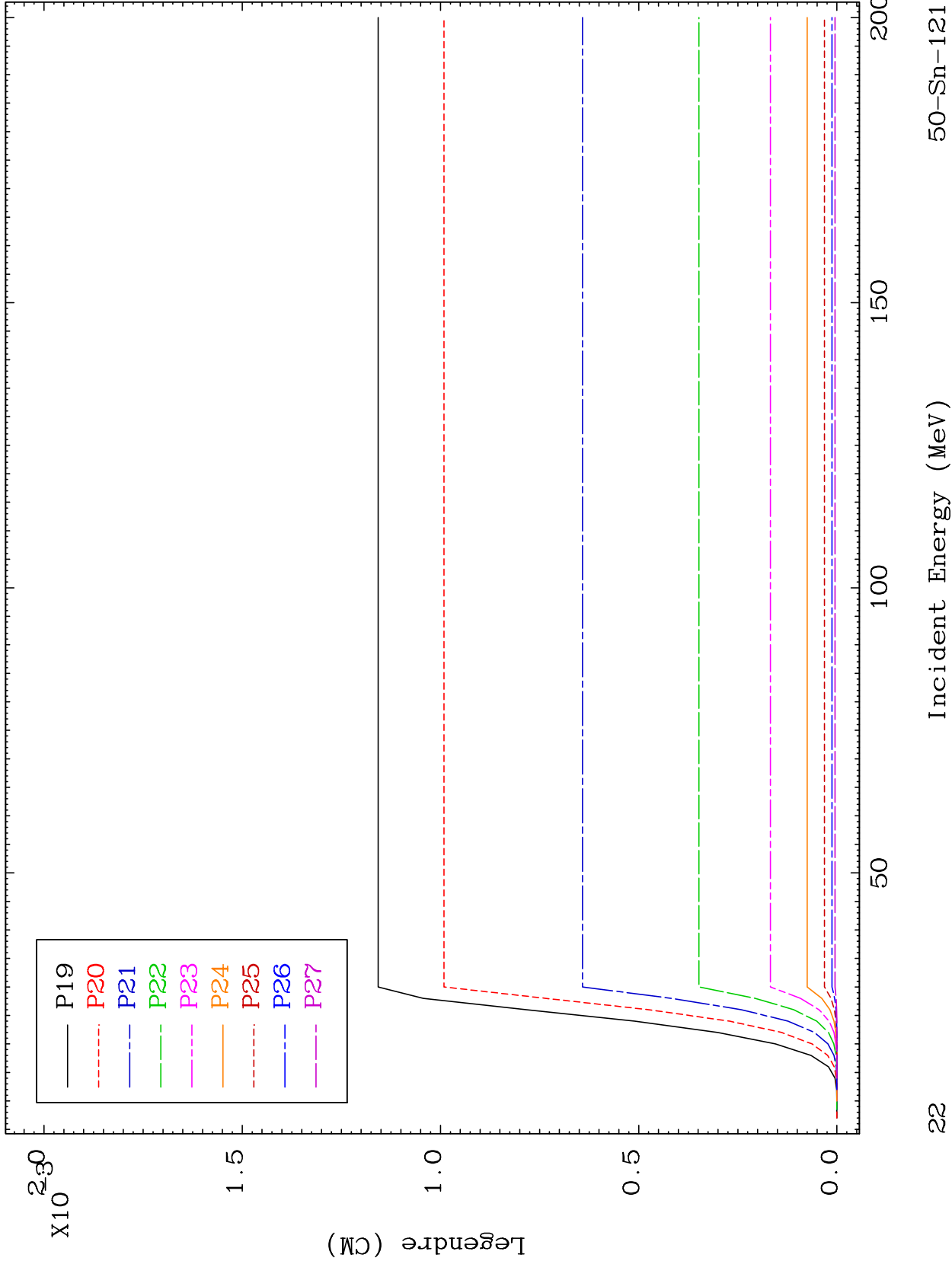
Incident Energy (MeV)

50-Sn-121

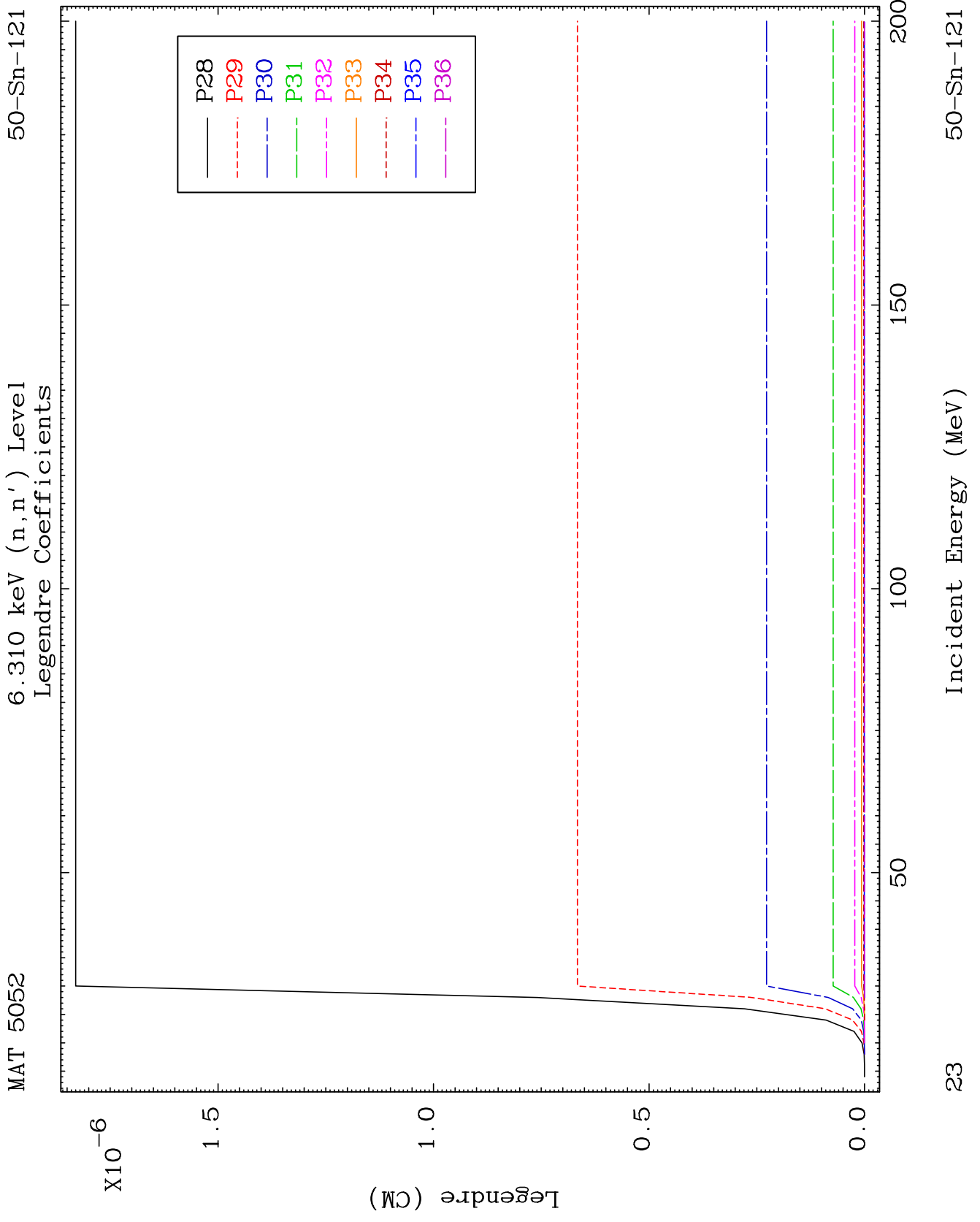
MAT 5052

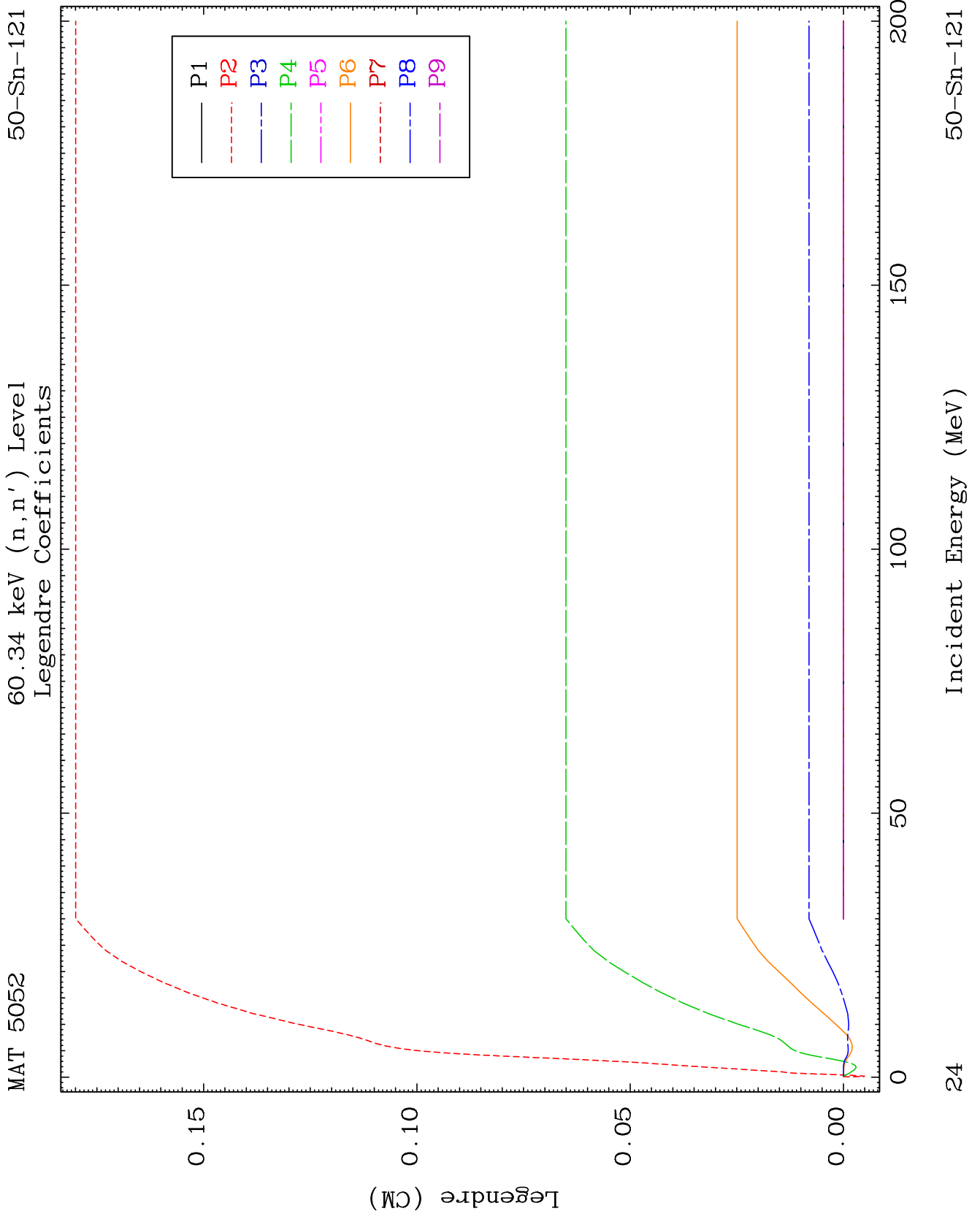
6.310 keV (n,n') Level
Legendre Coefficients

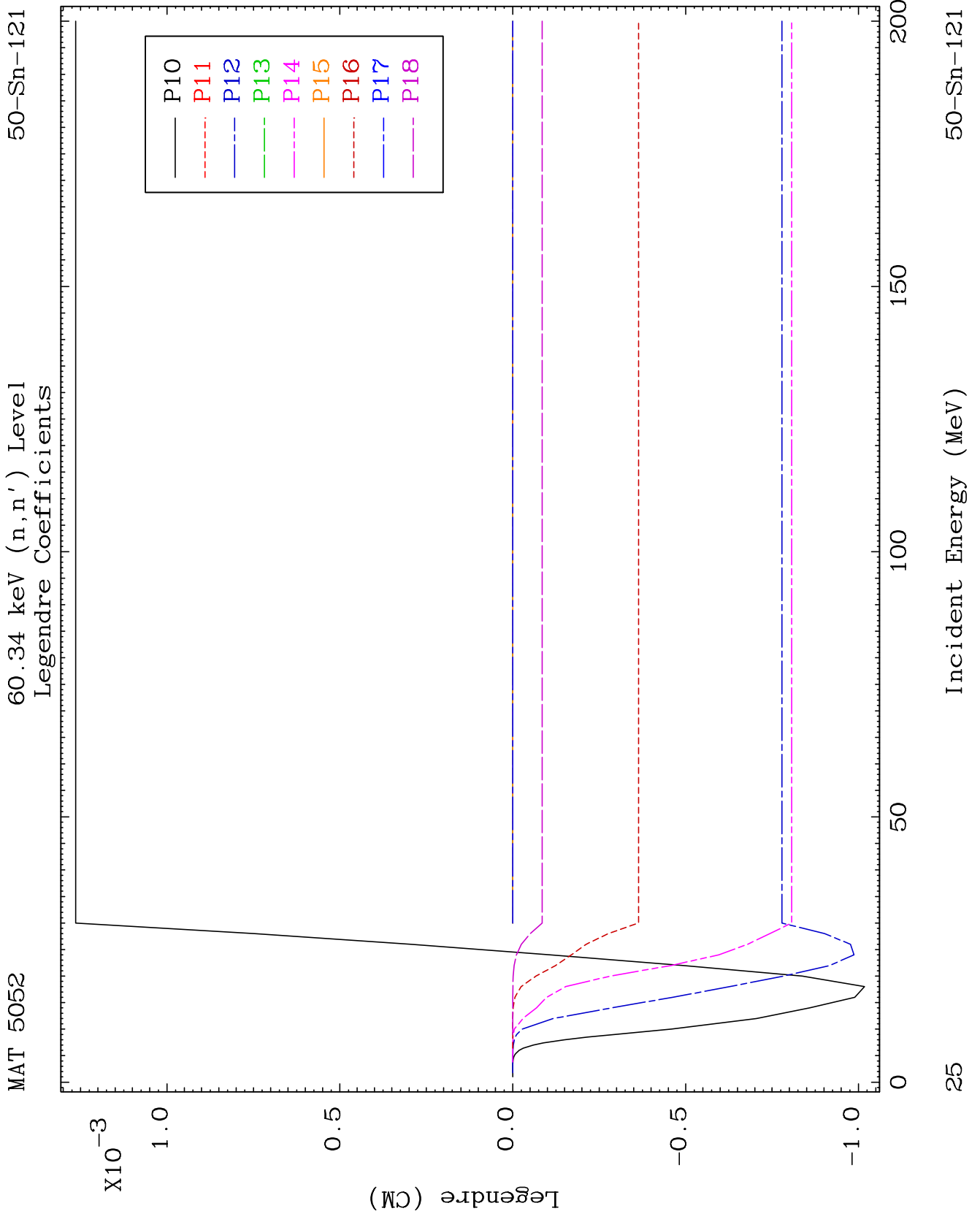
50-Sn-121

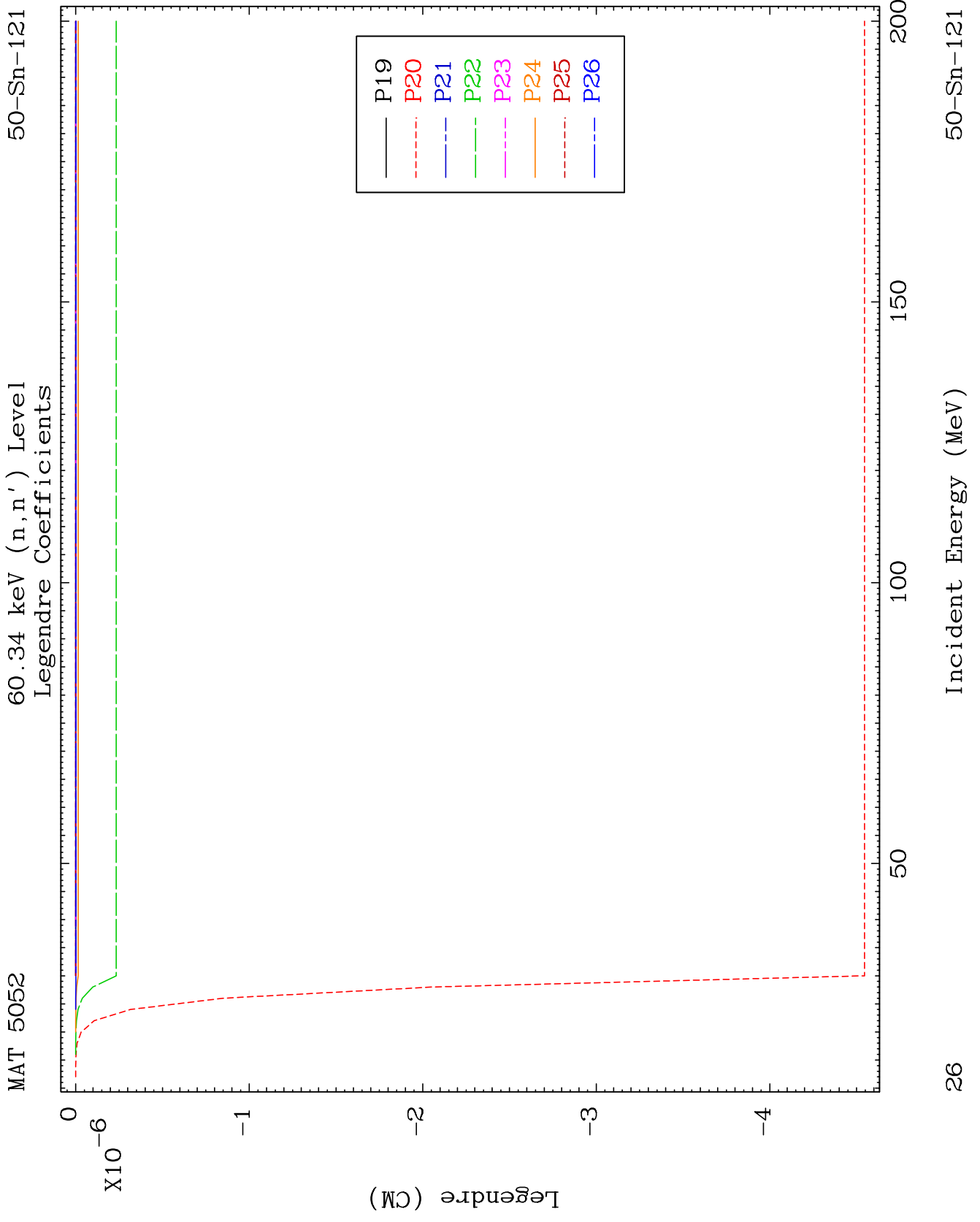


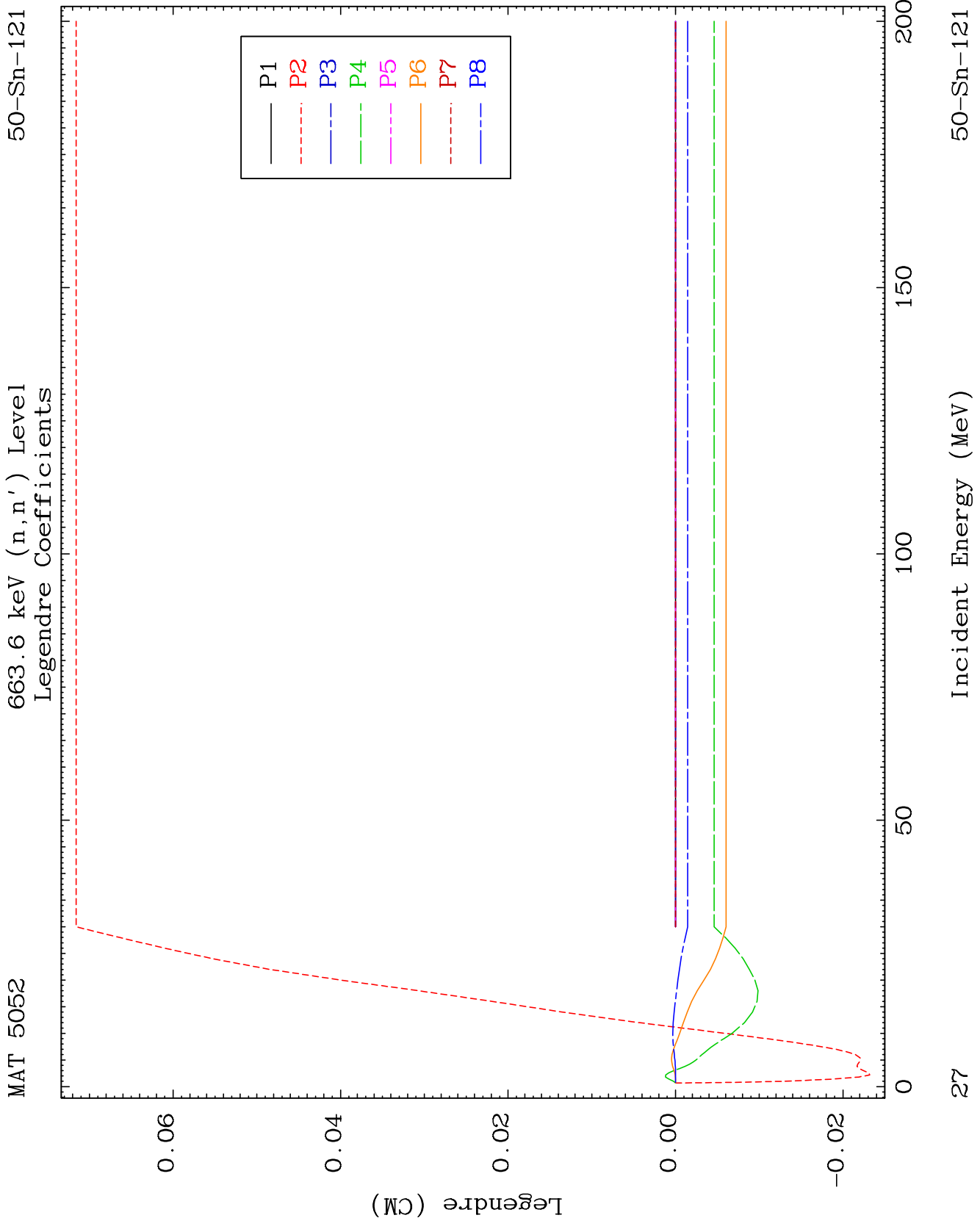
22

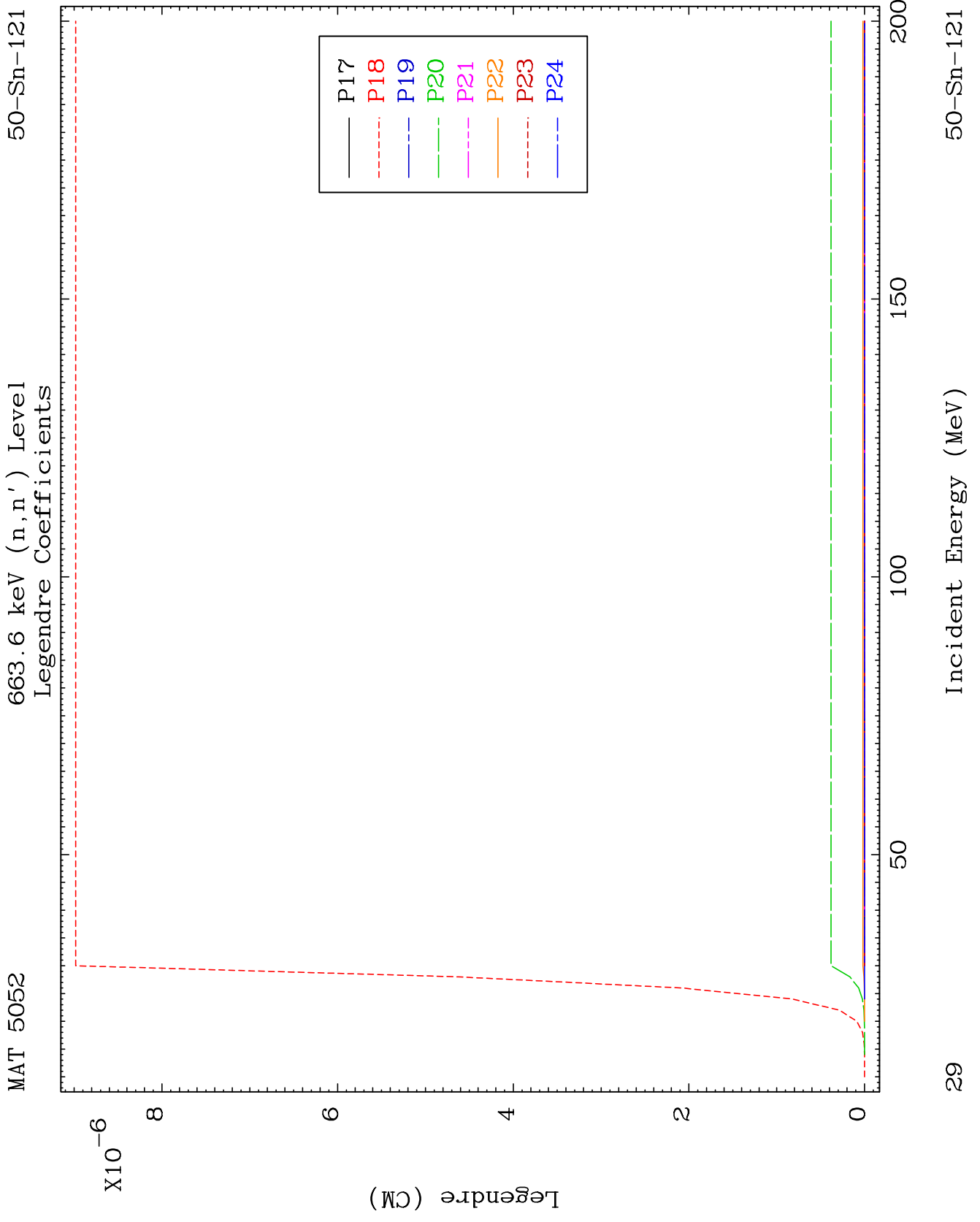


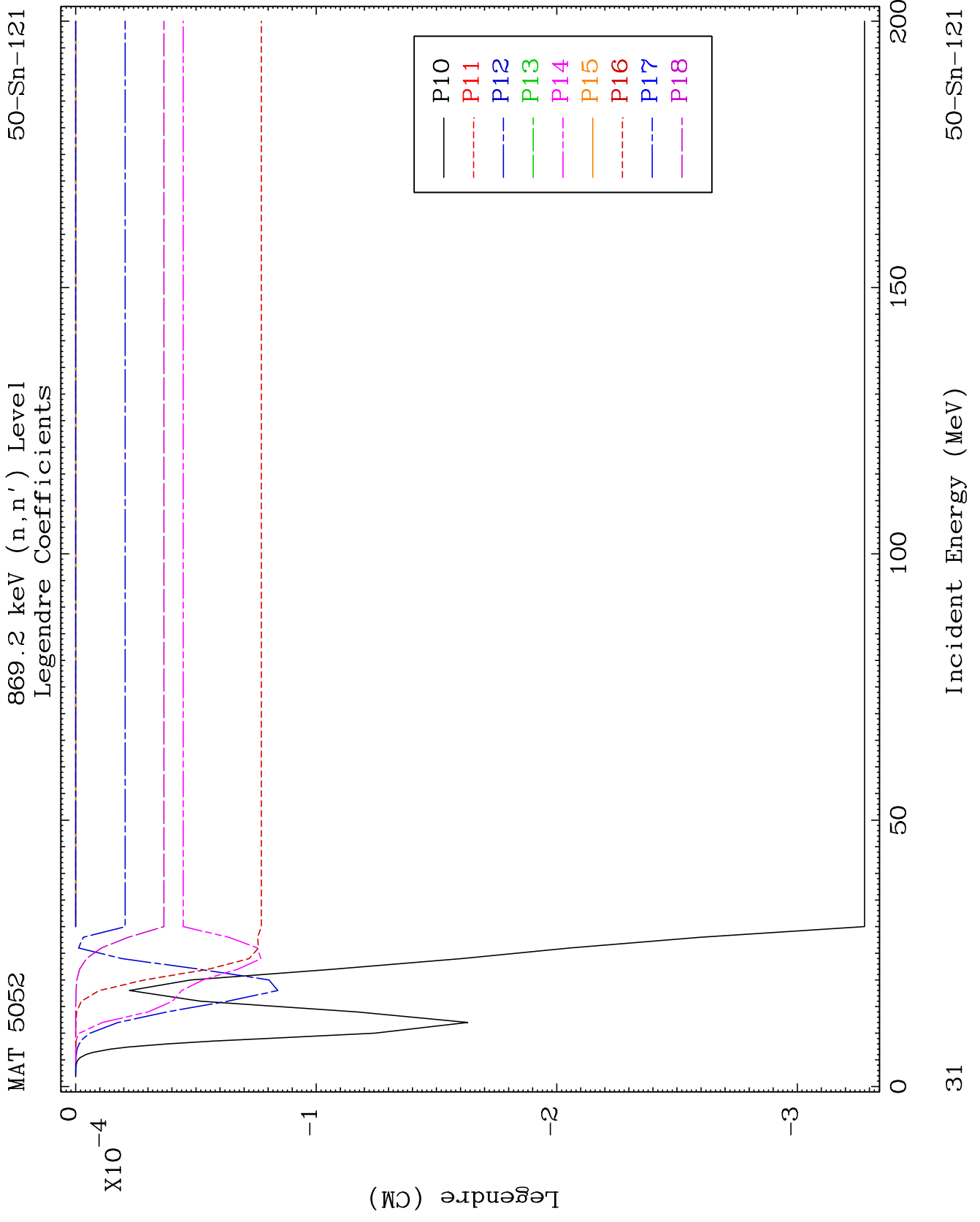


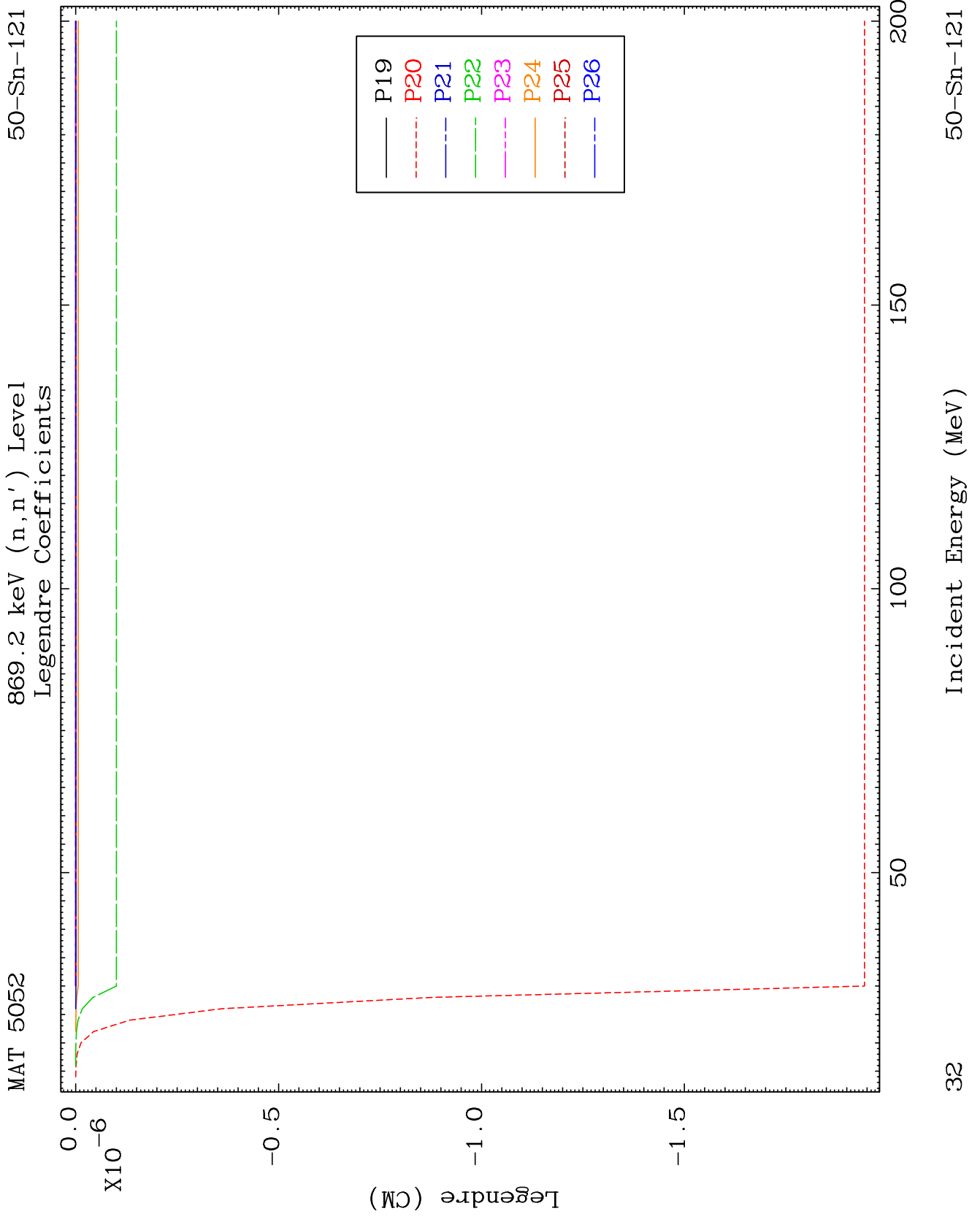


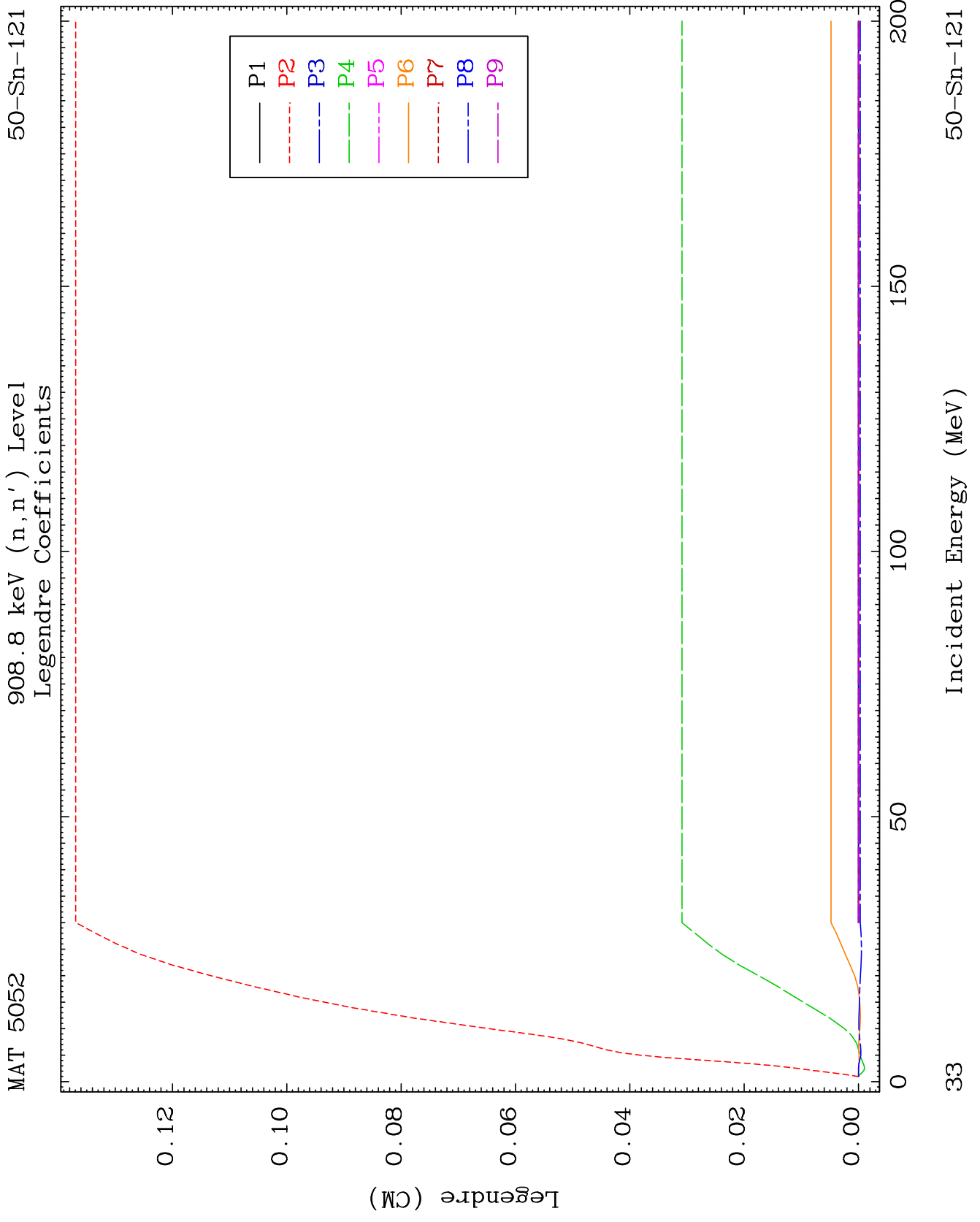


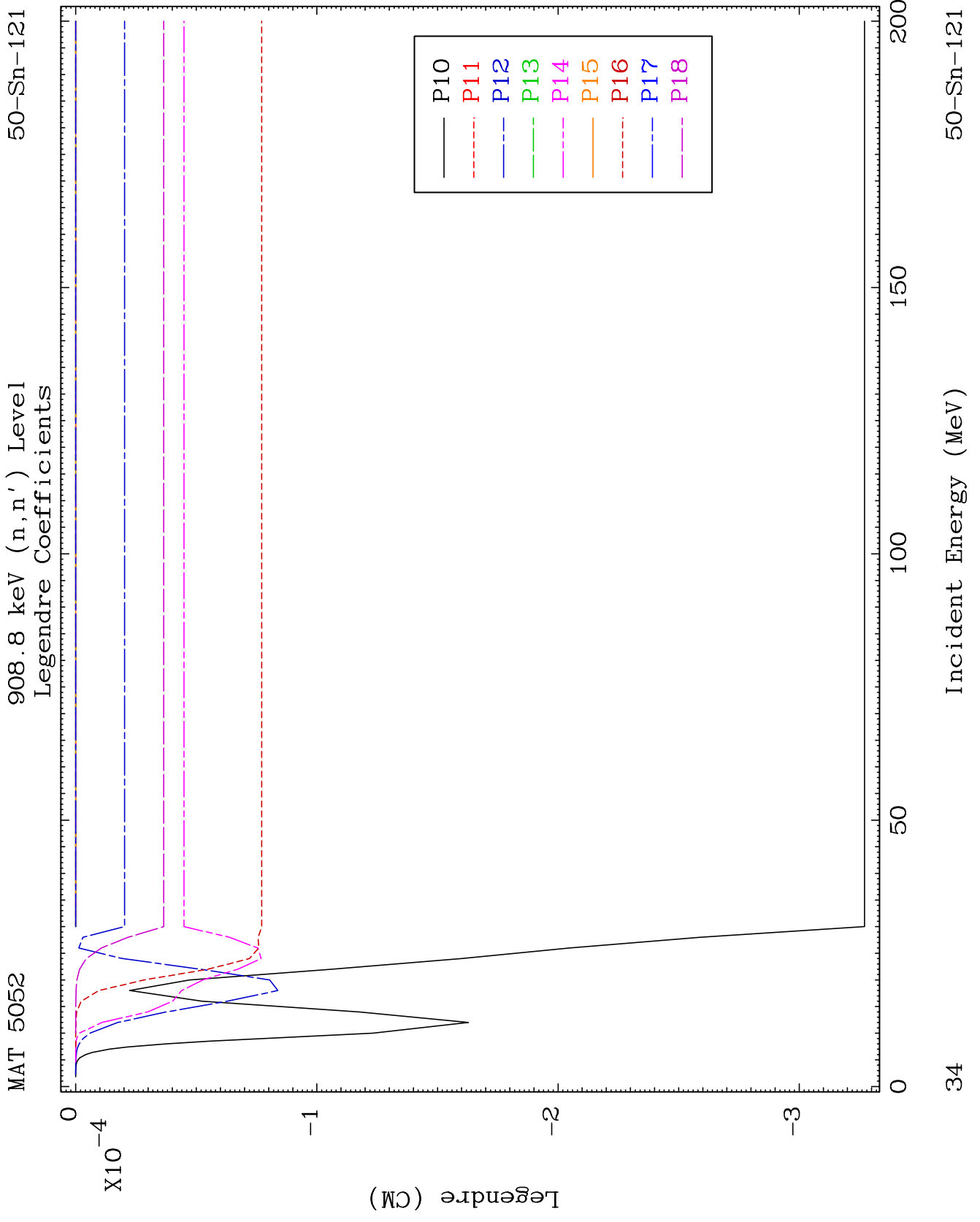


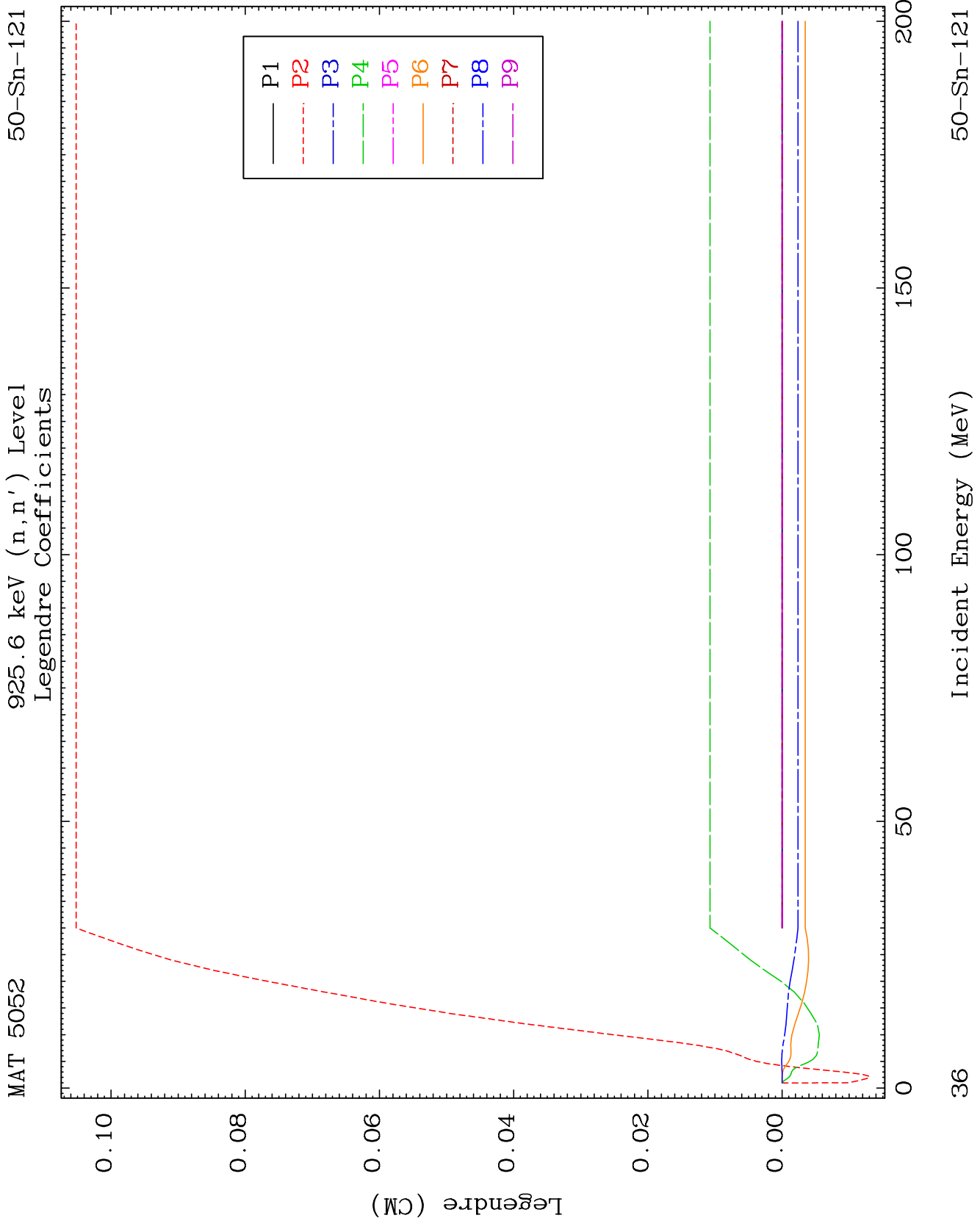


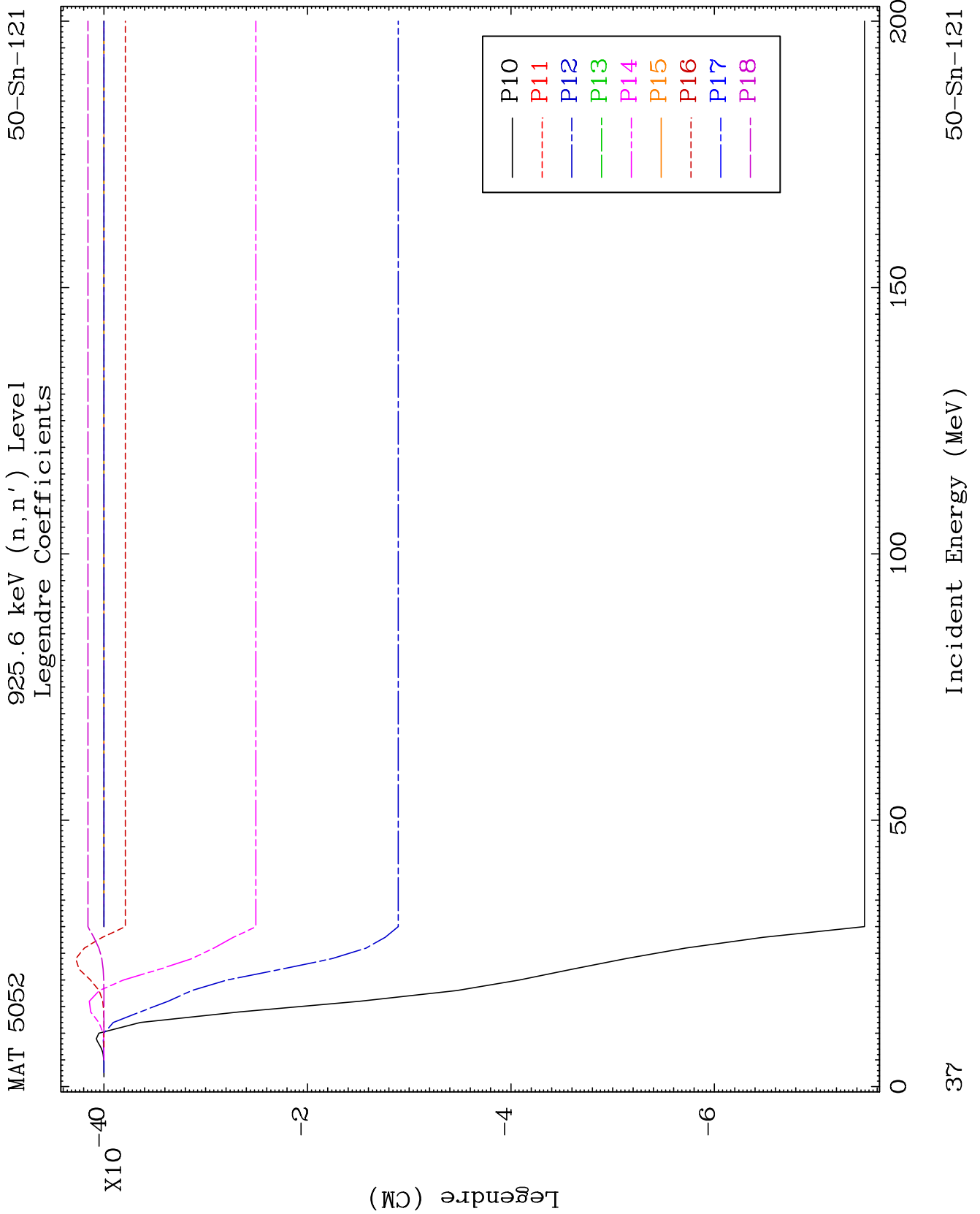


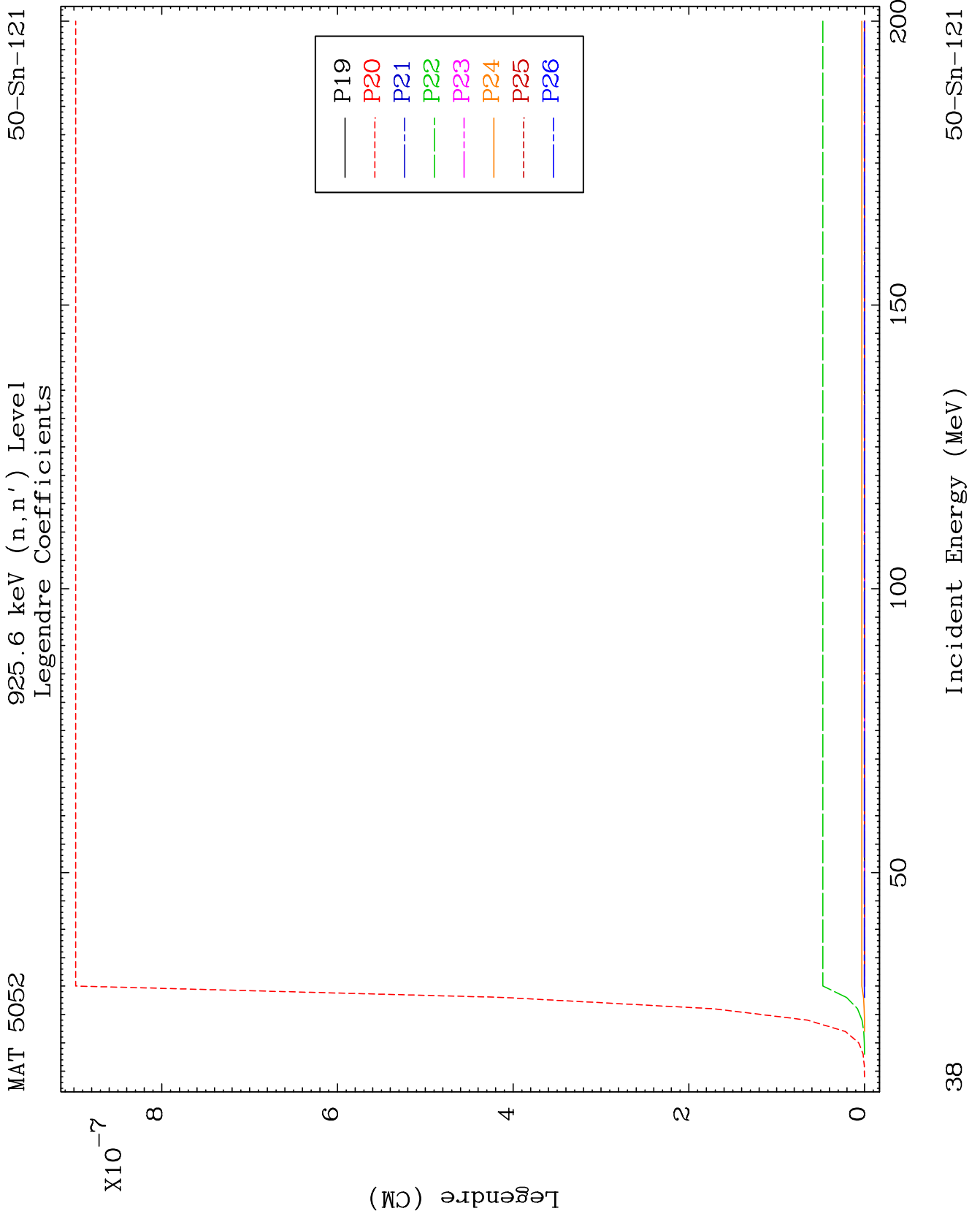


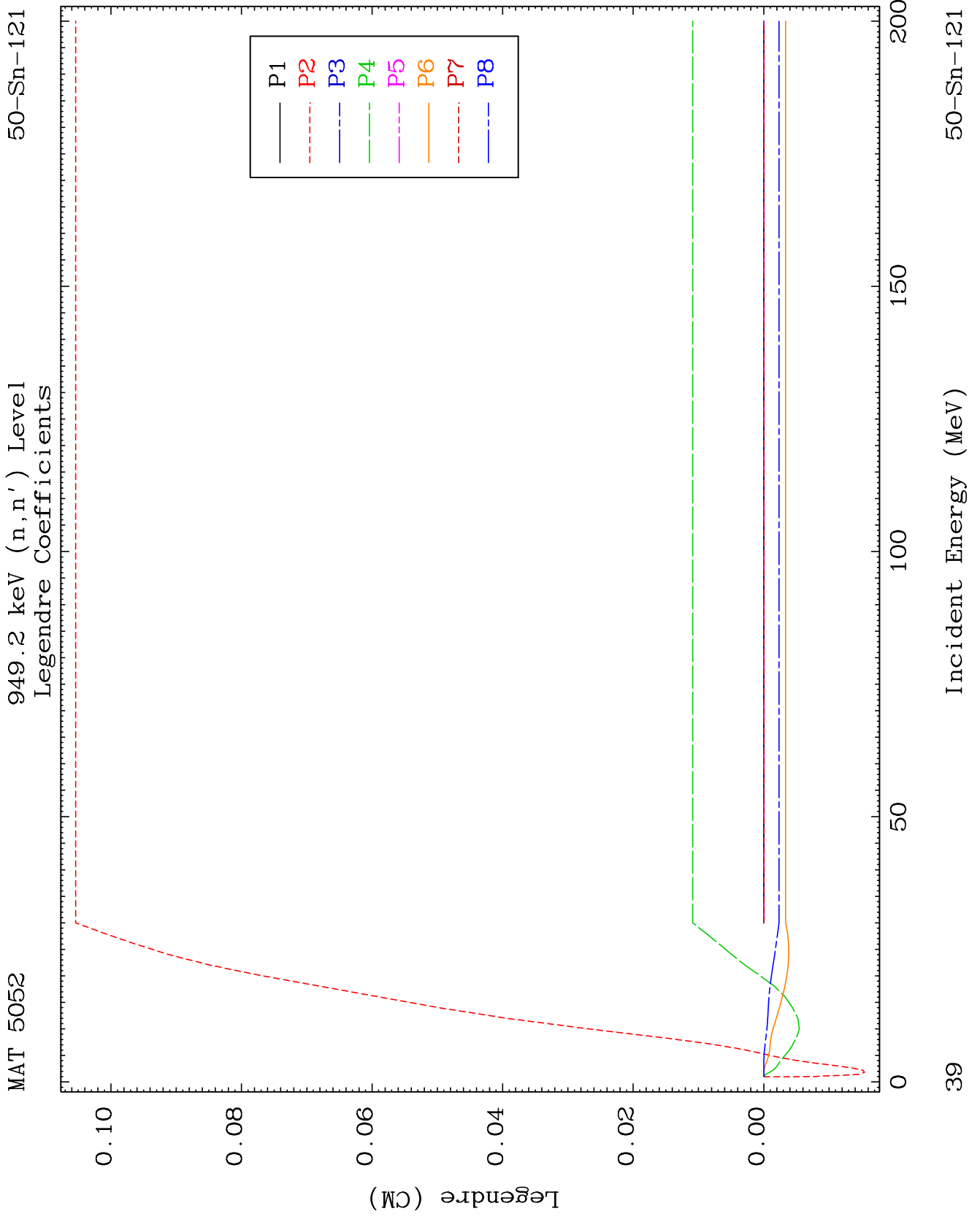


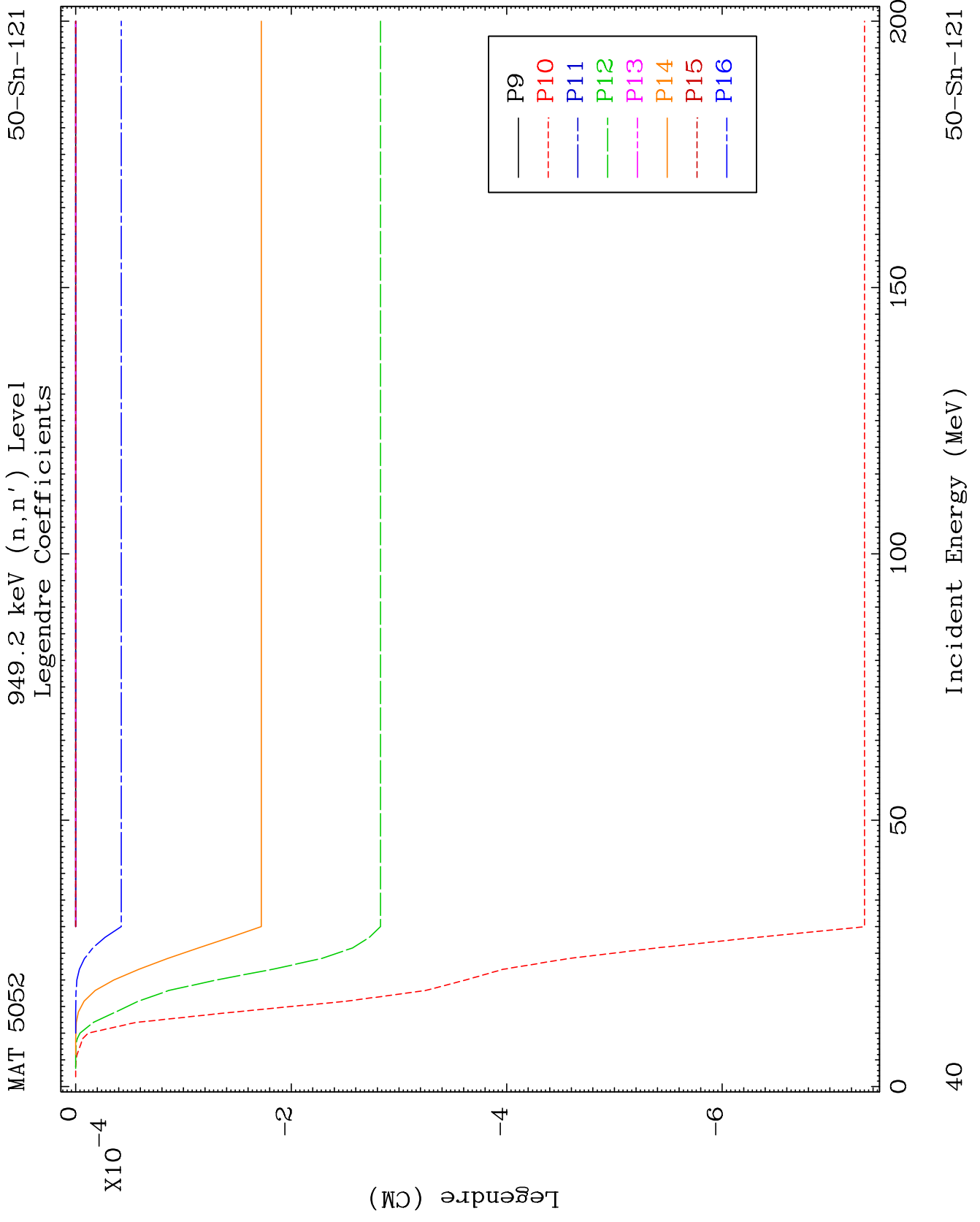


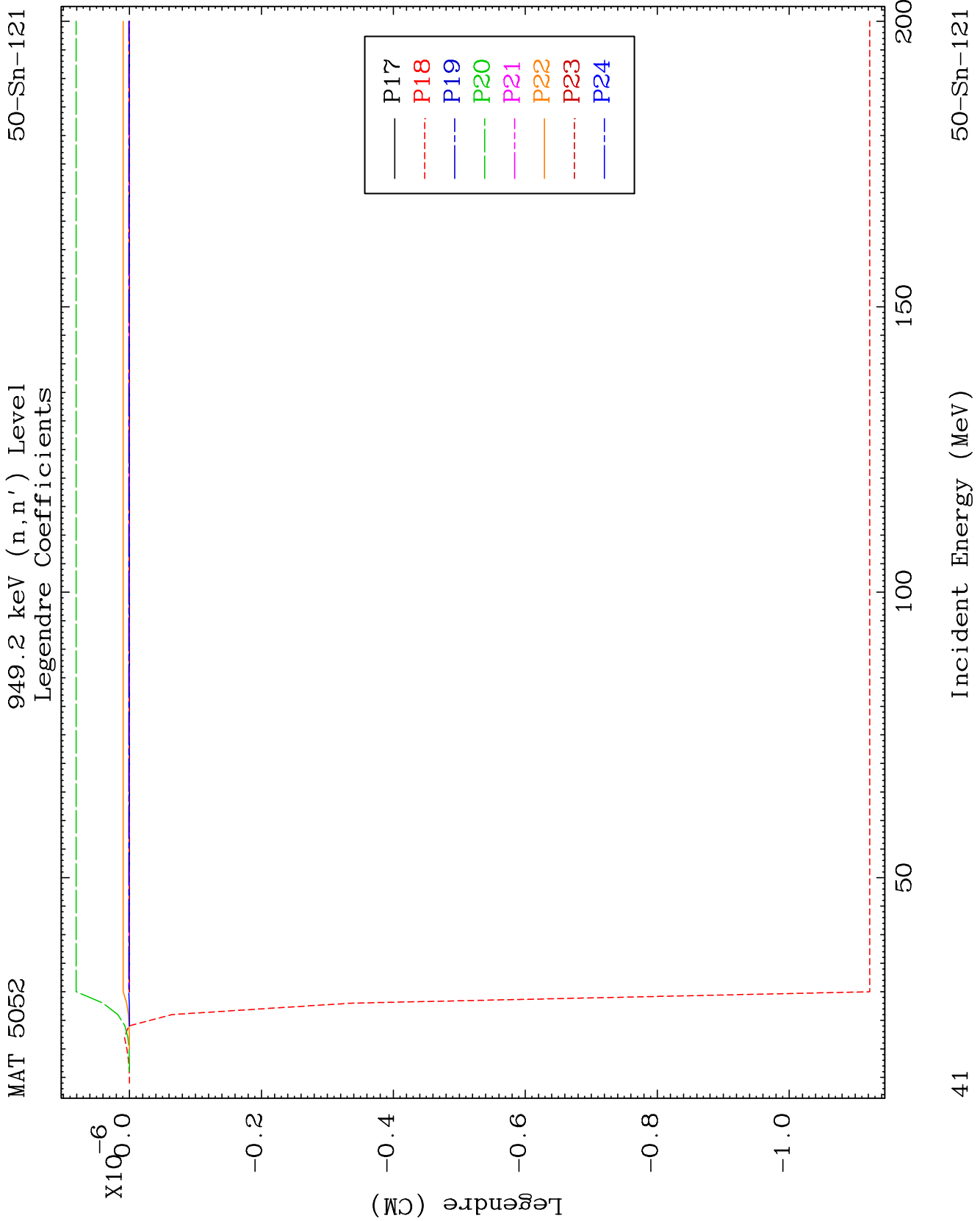


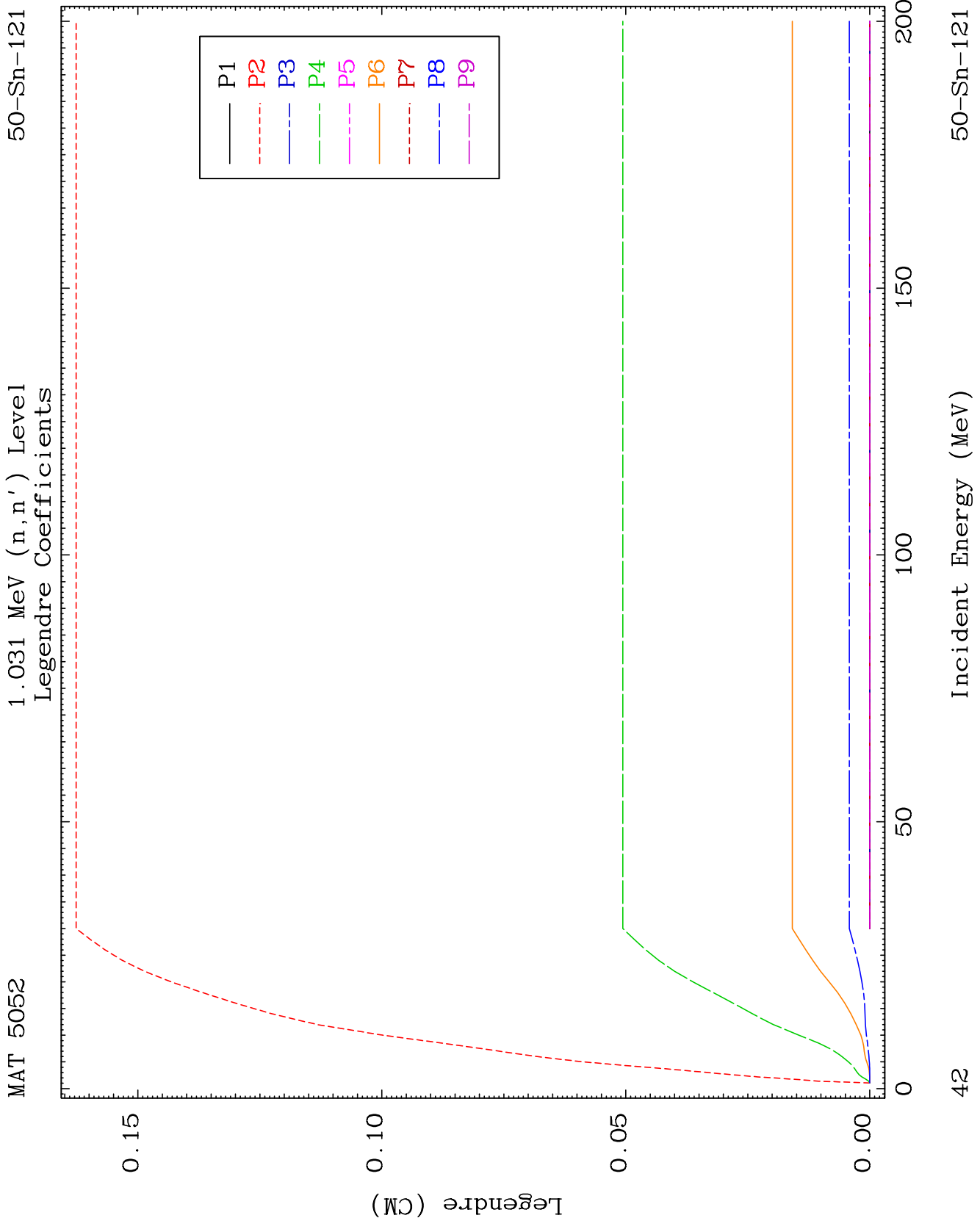












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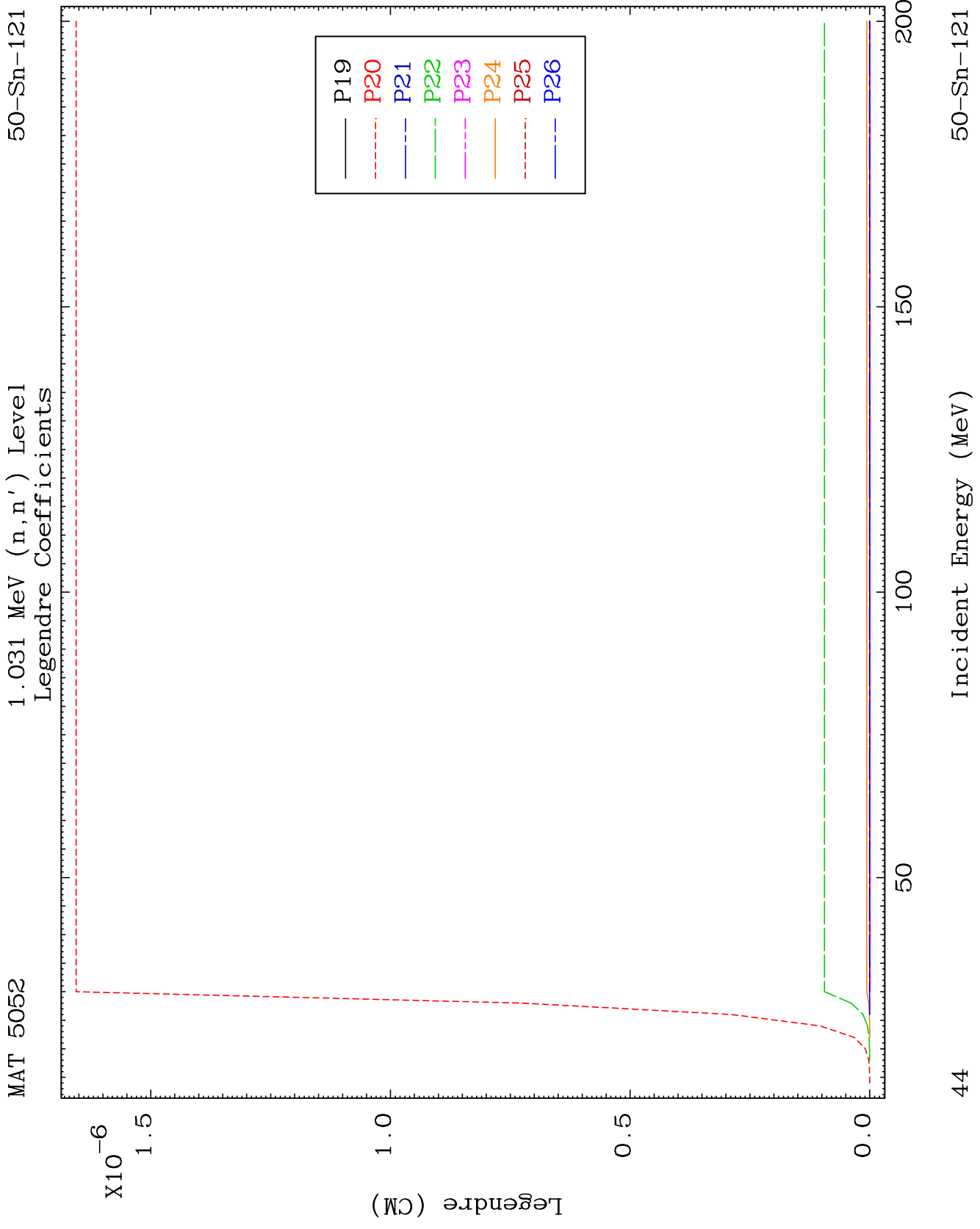
1.031 MeV (n,n') Level Legendre Coefficients

50-Sn-121

42

Incident Energy (MeV)

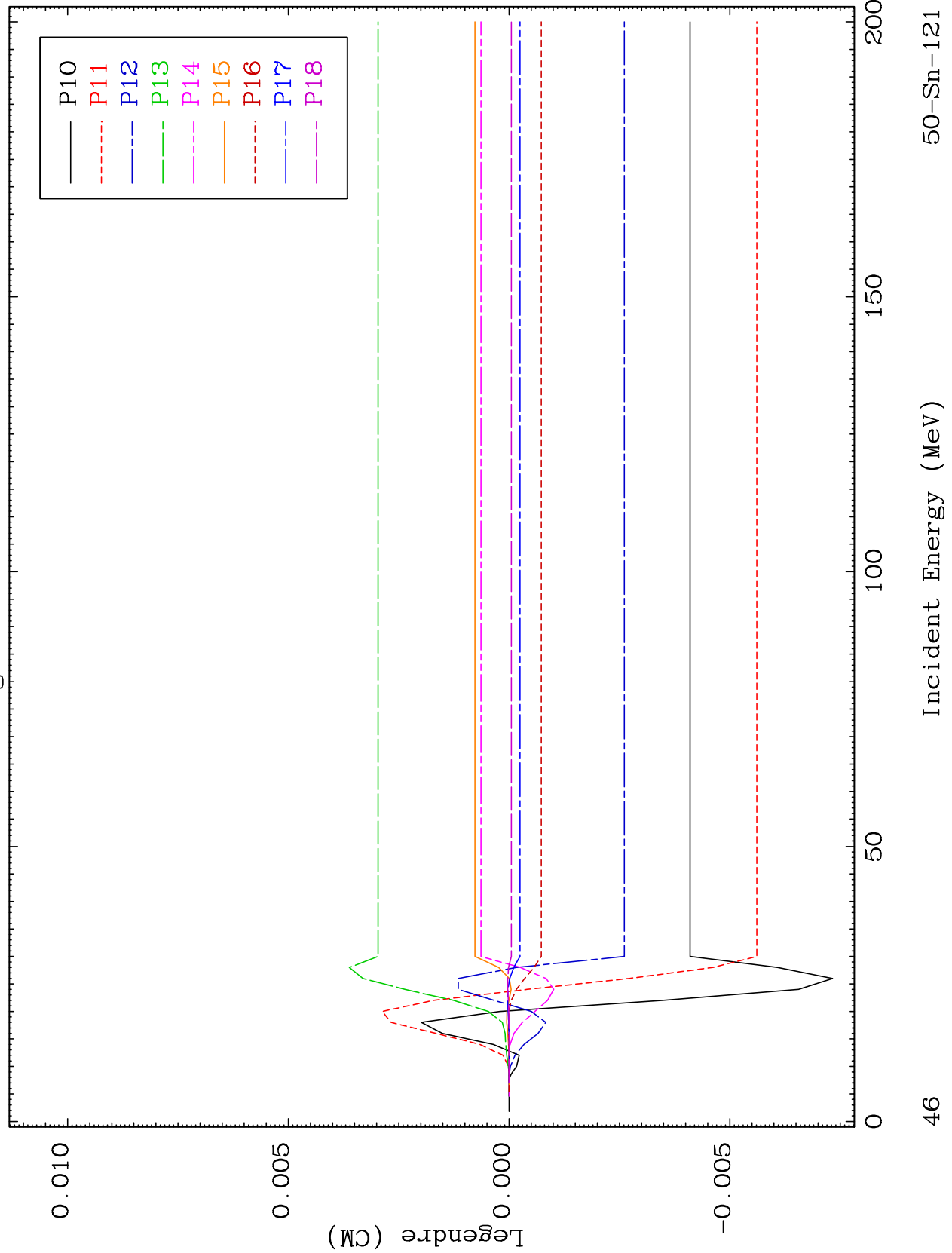
50-Sn-121



MAT 5052

1.067 MeV (n,n') Level
Legendre Coefficients

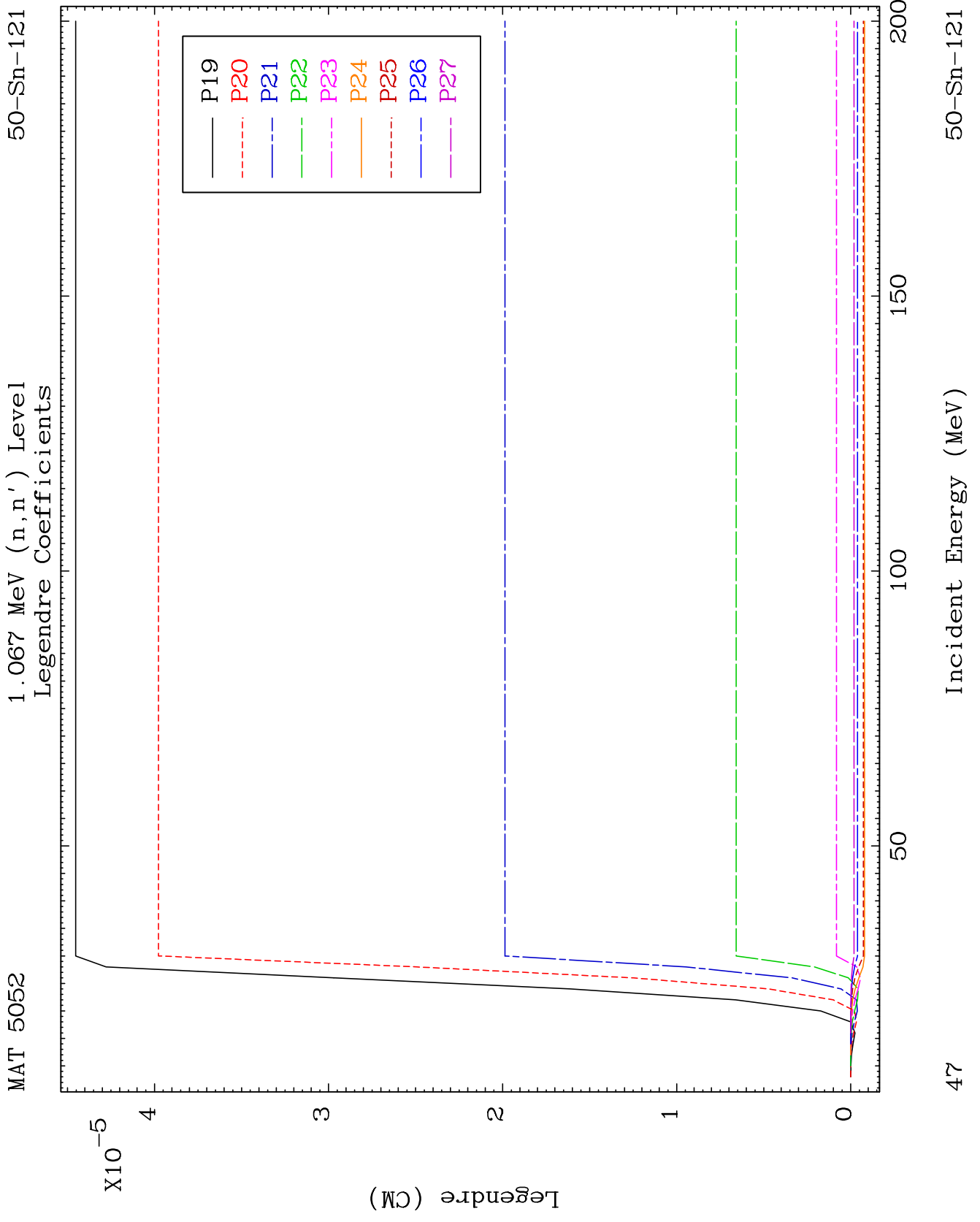
50-Sn-121

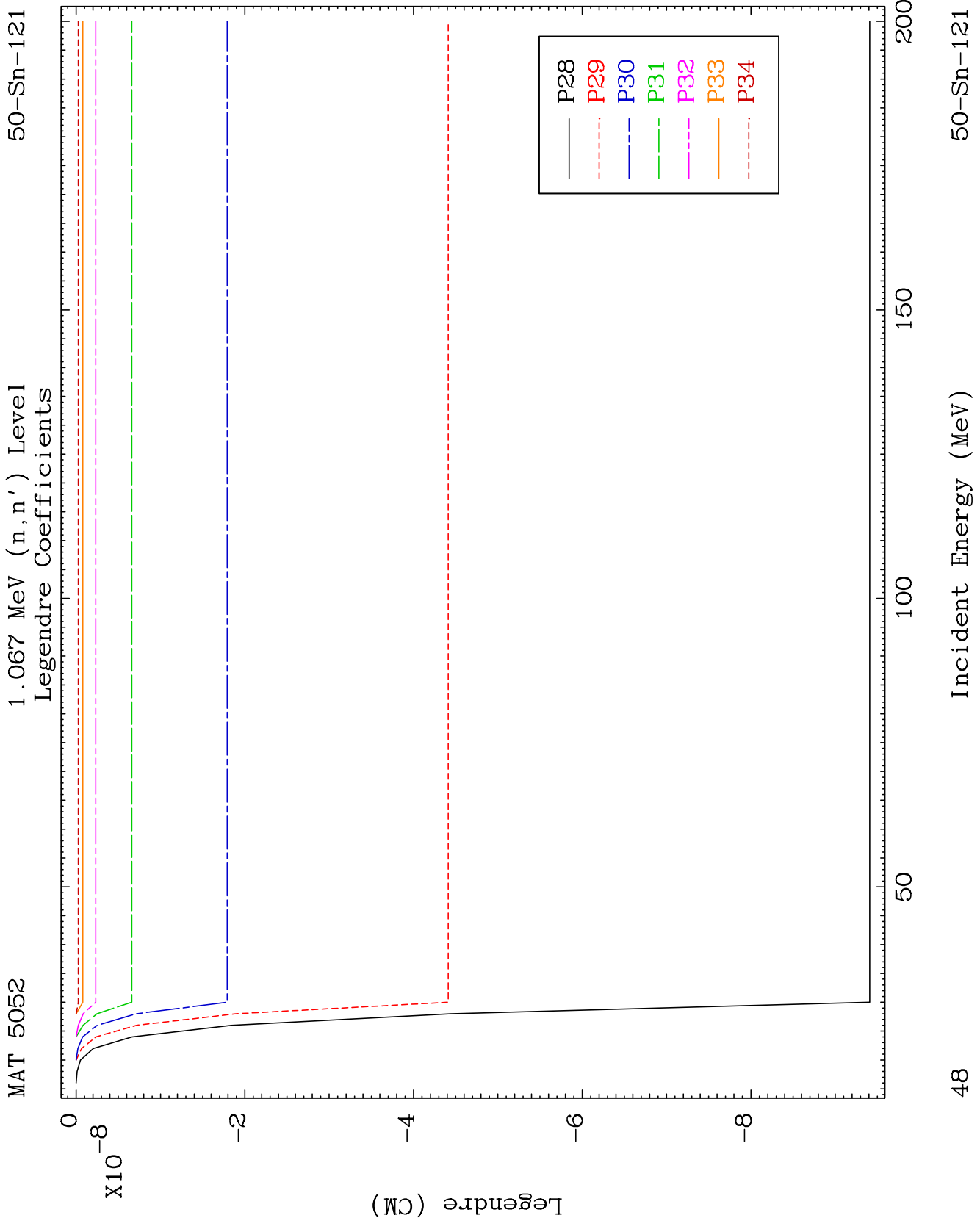


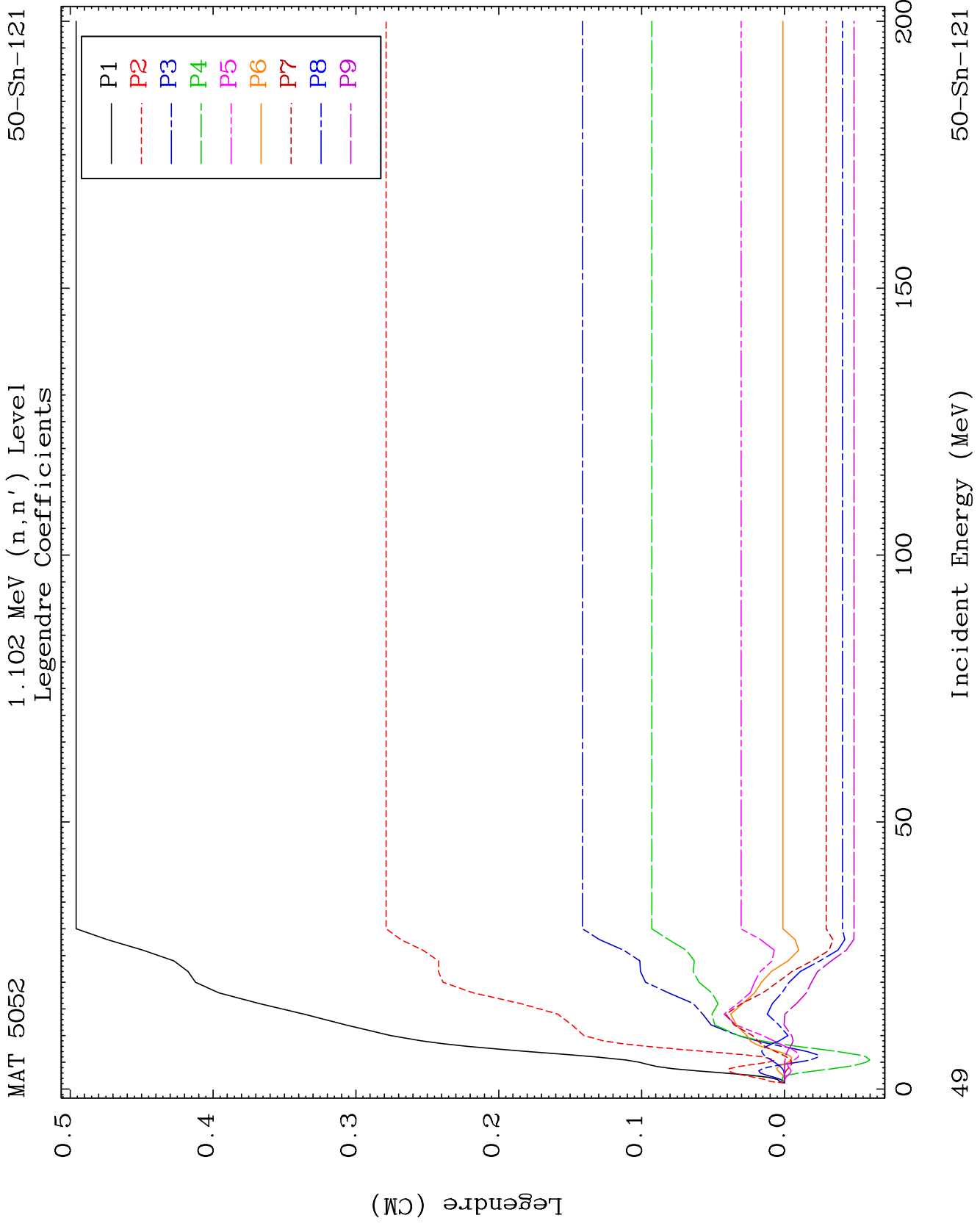
46

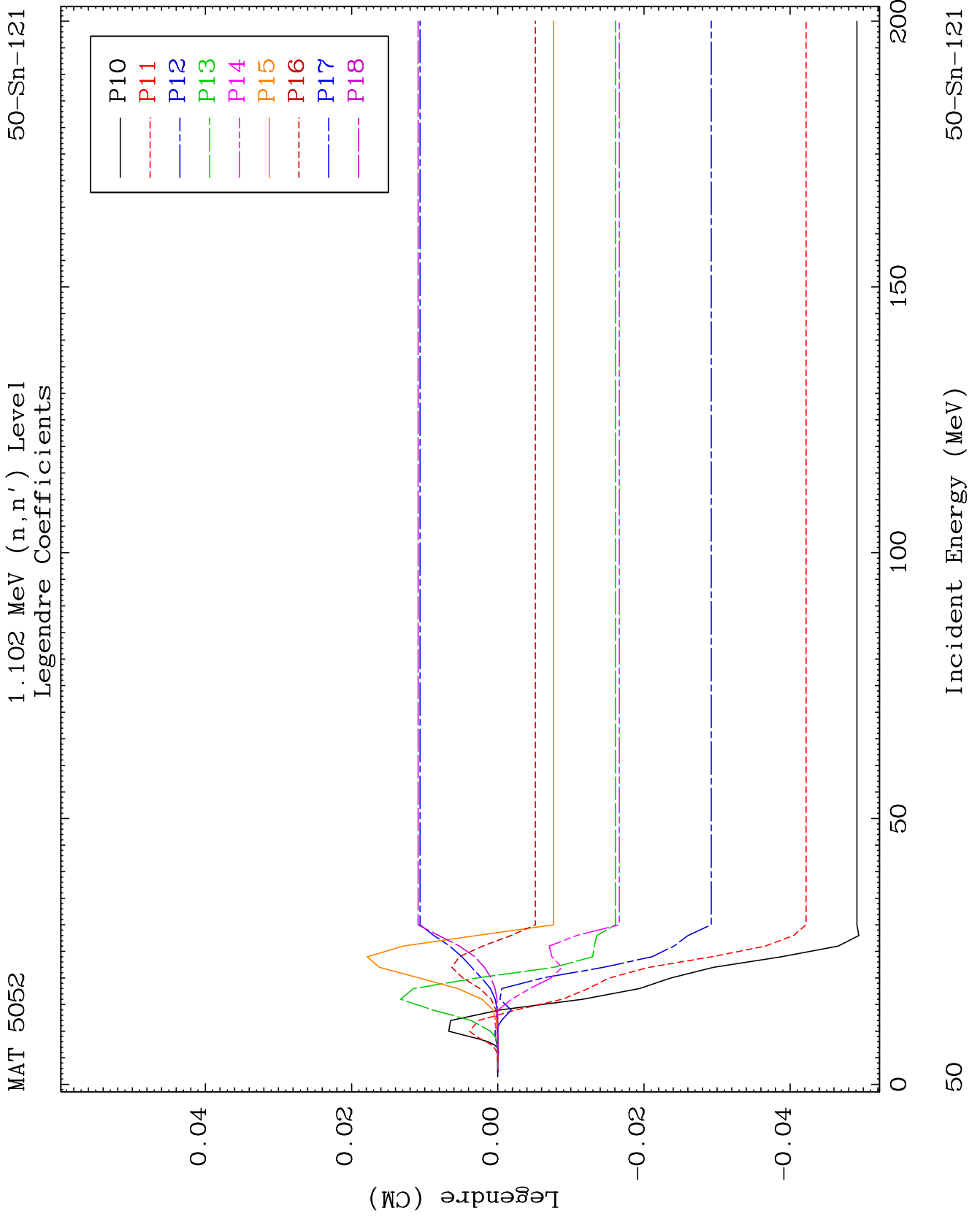
Incident Energy (MeV)

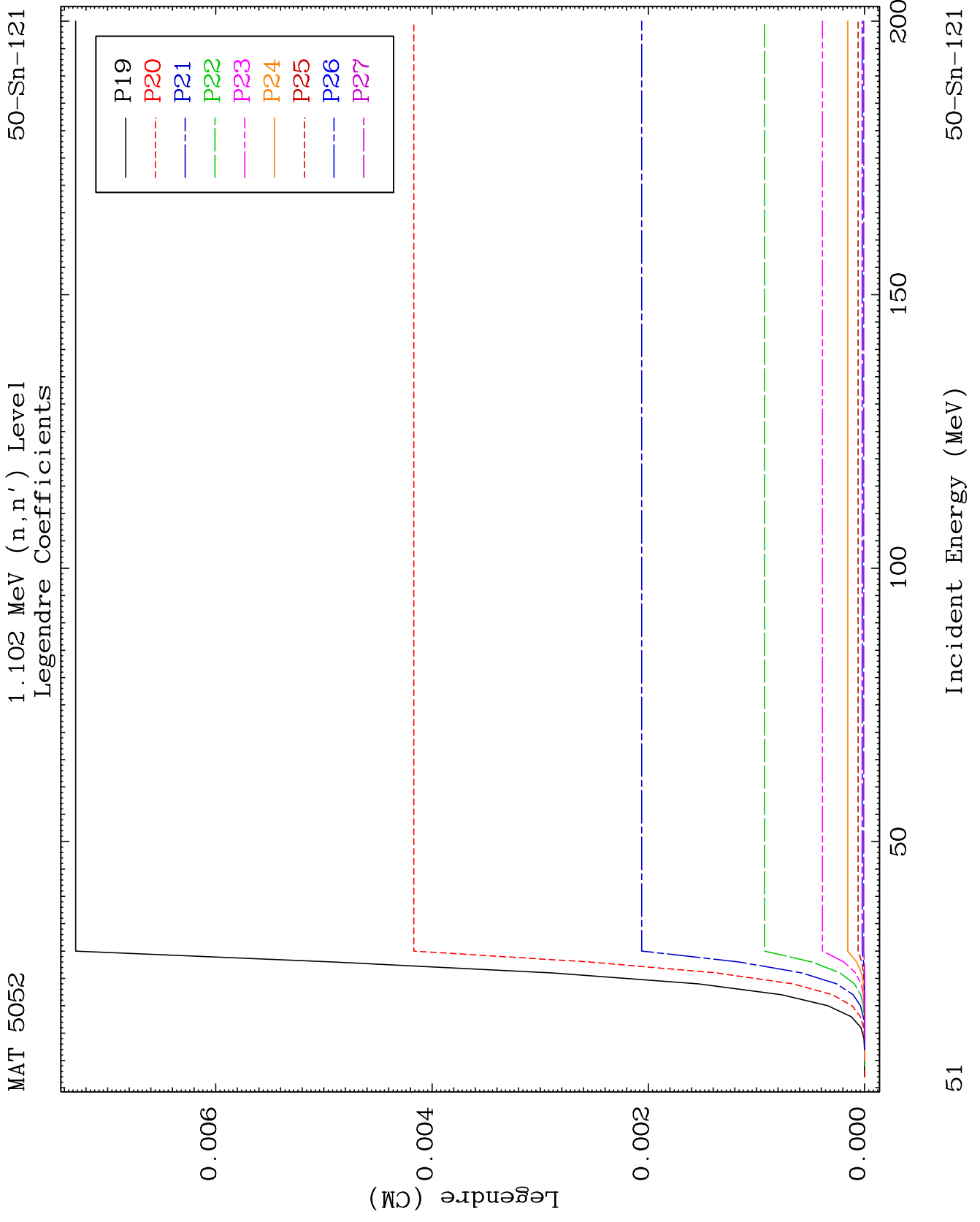
50-Sn-121

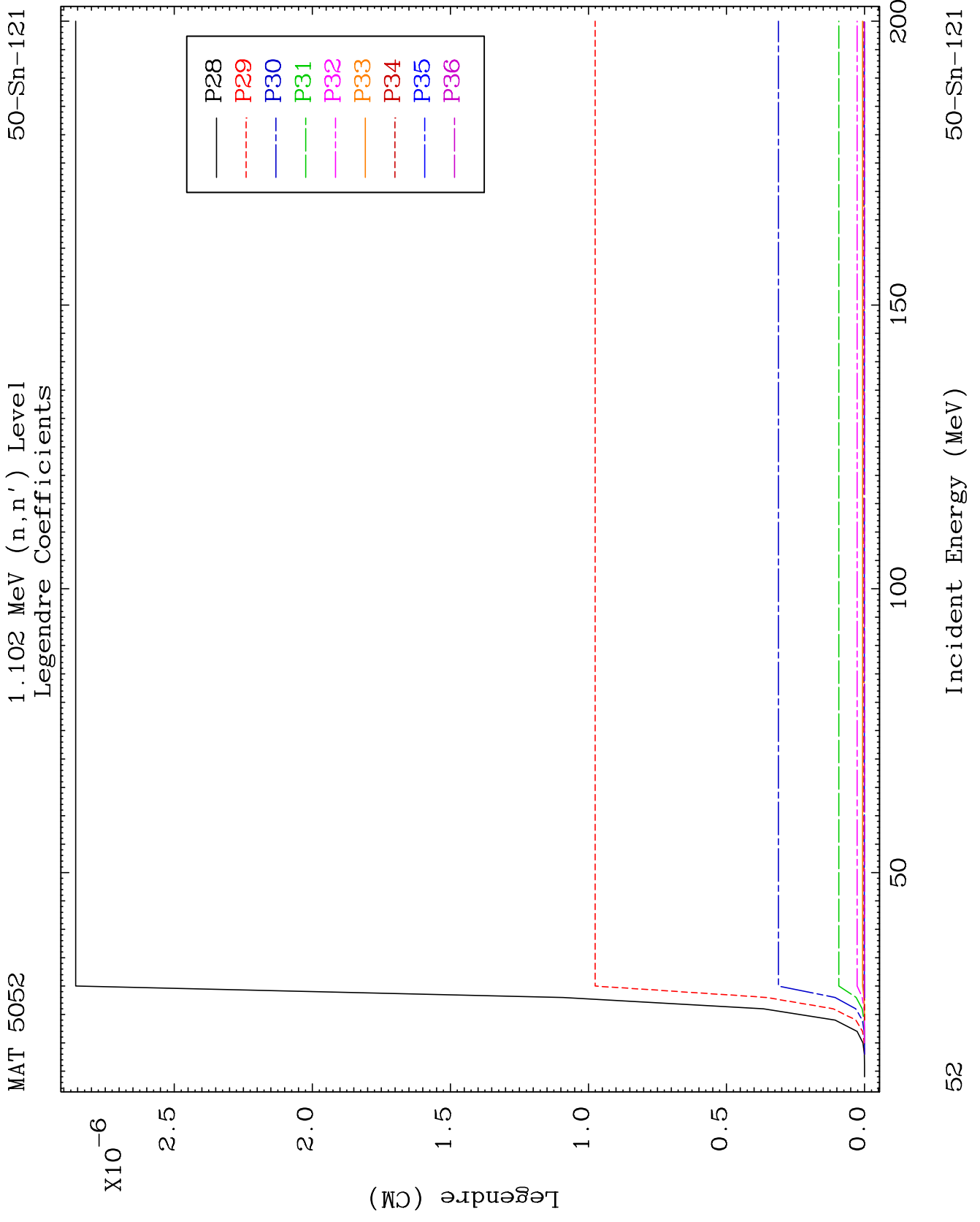


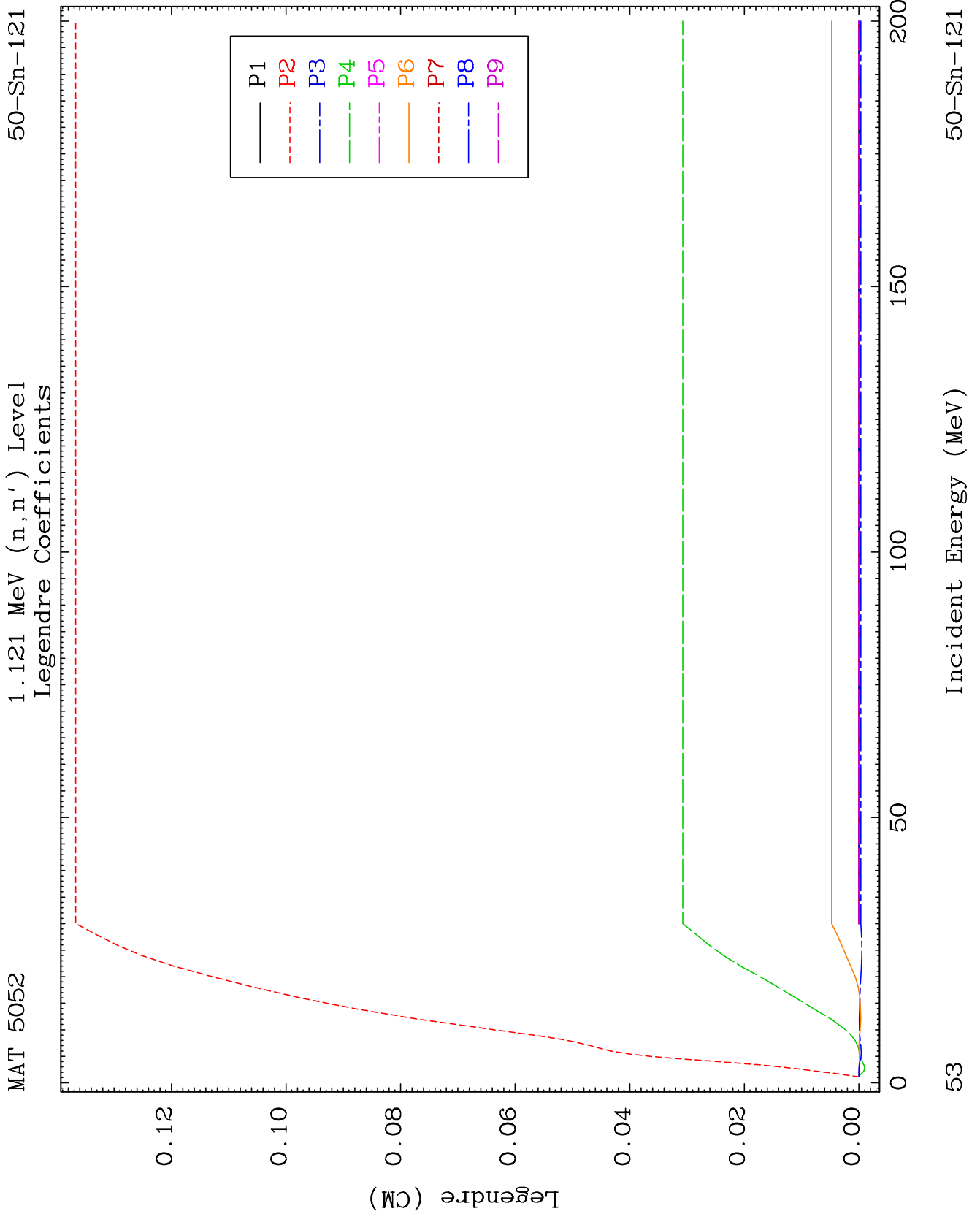


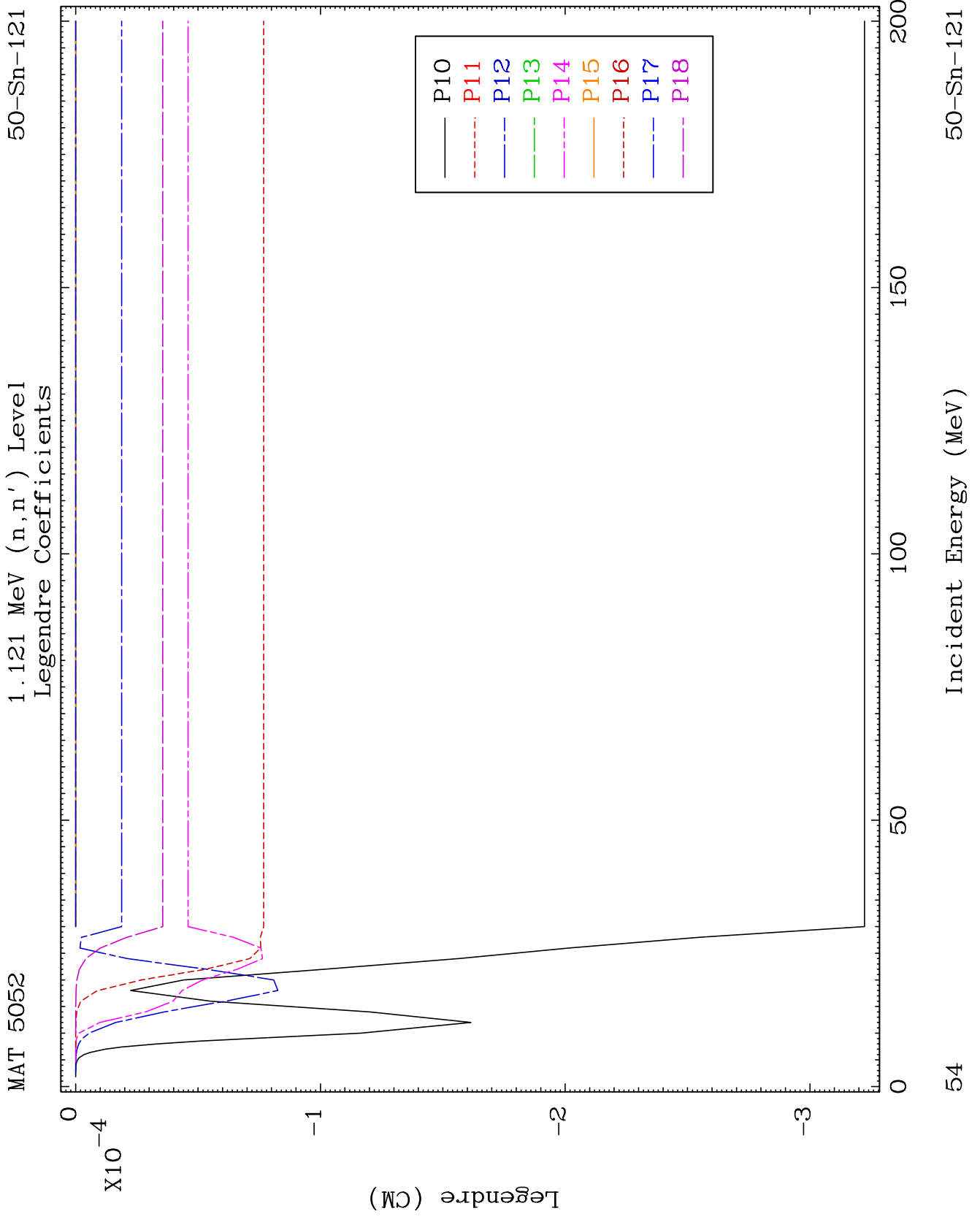


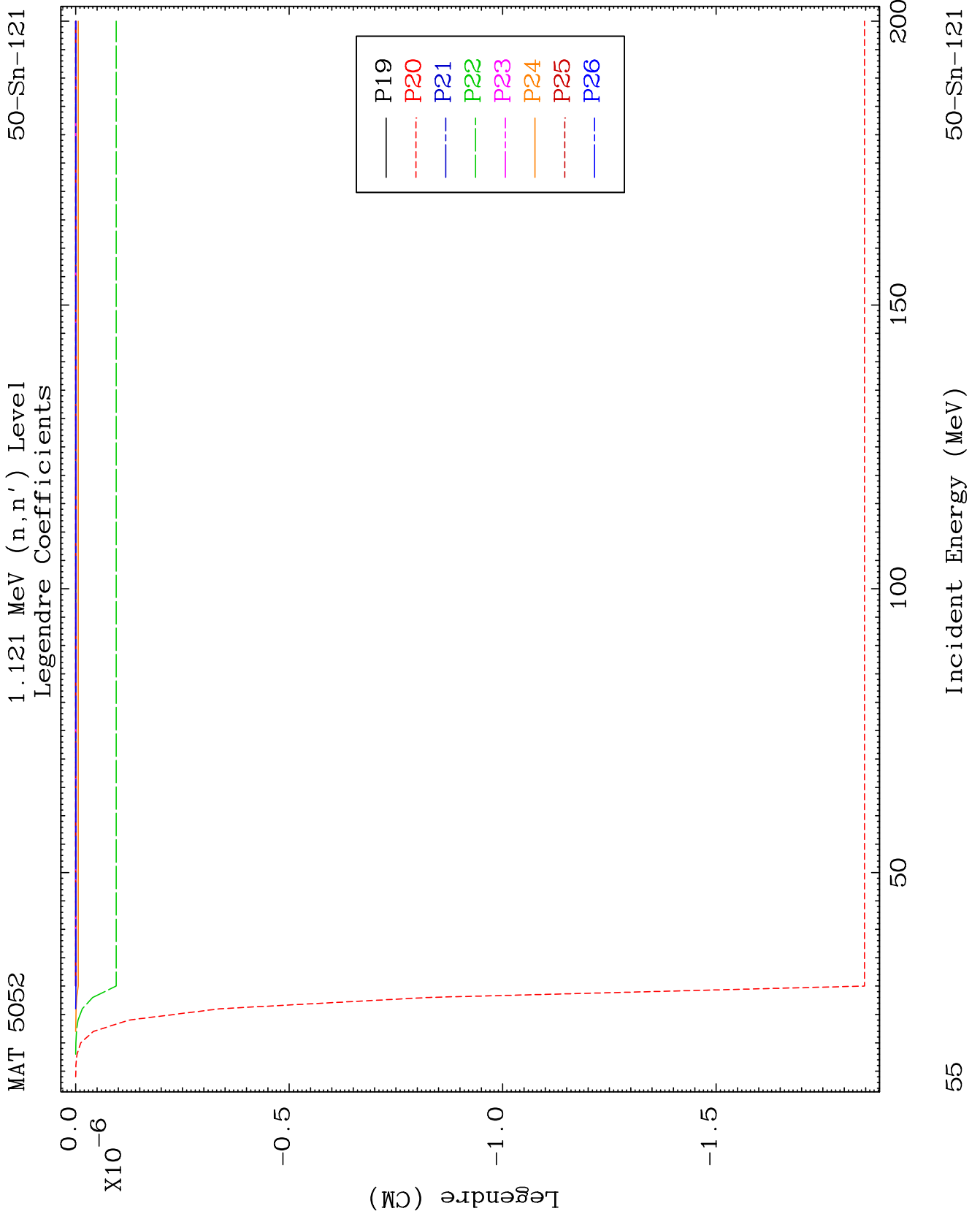


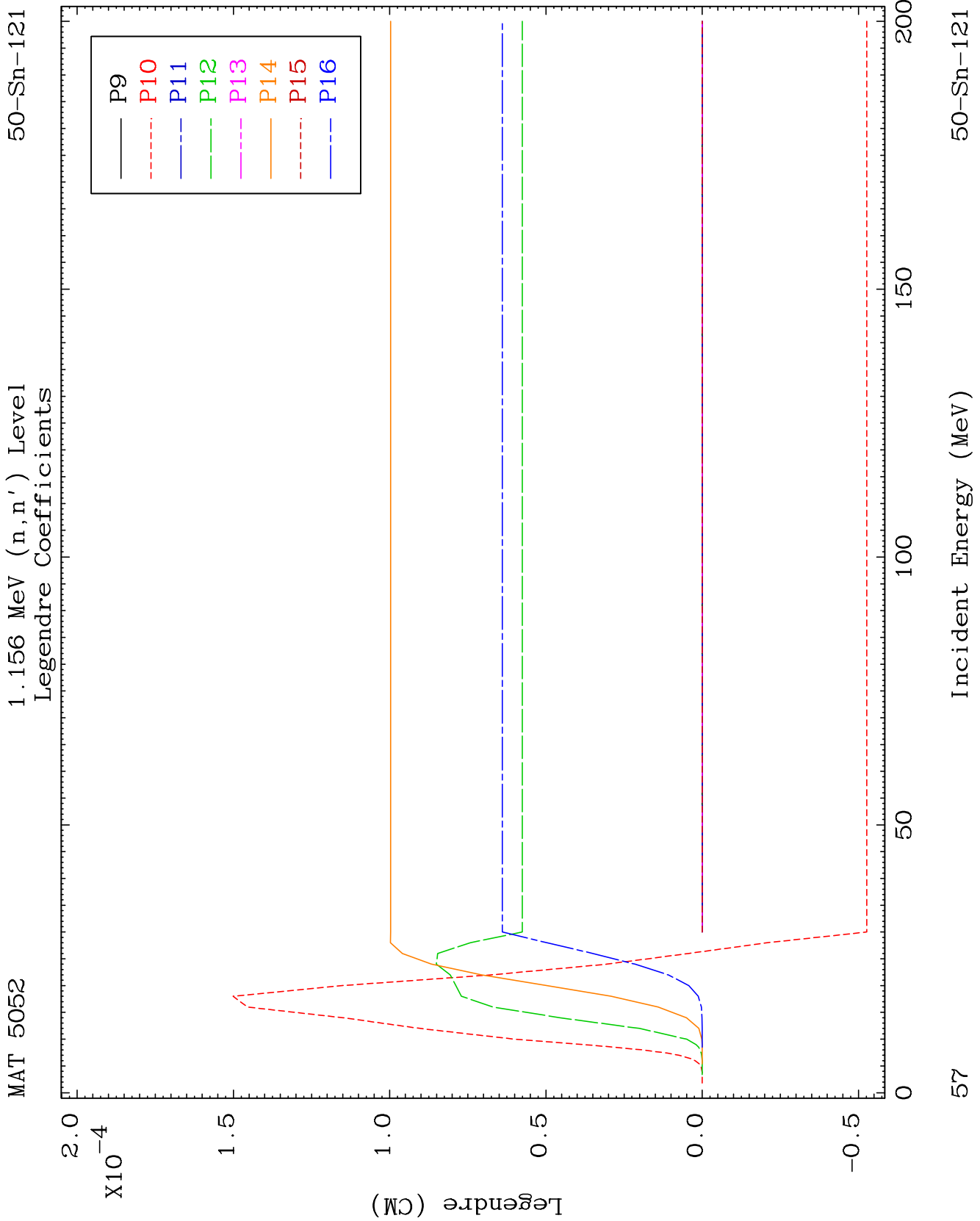


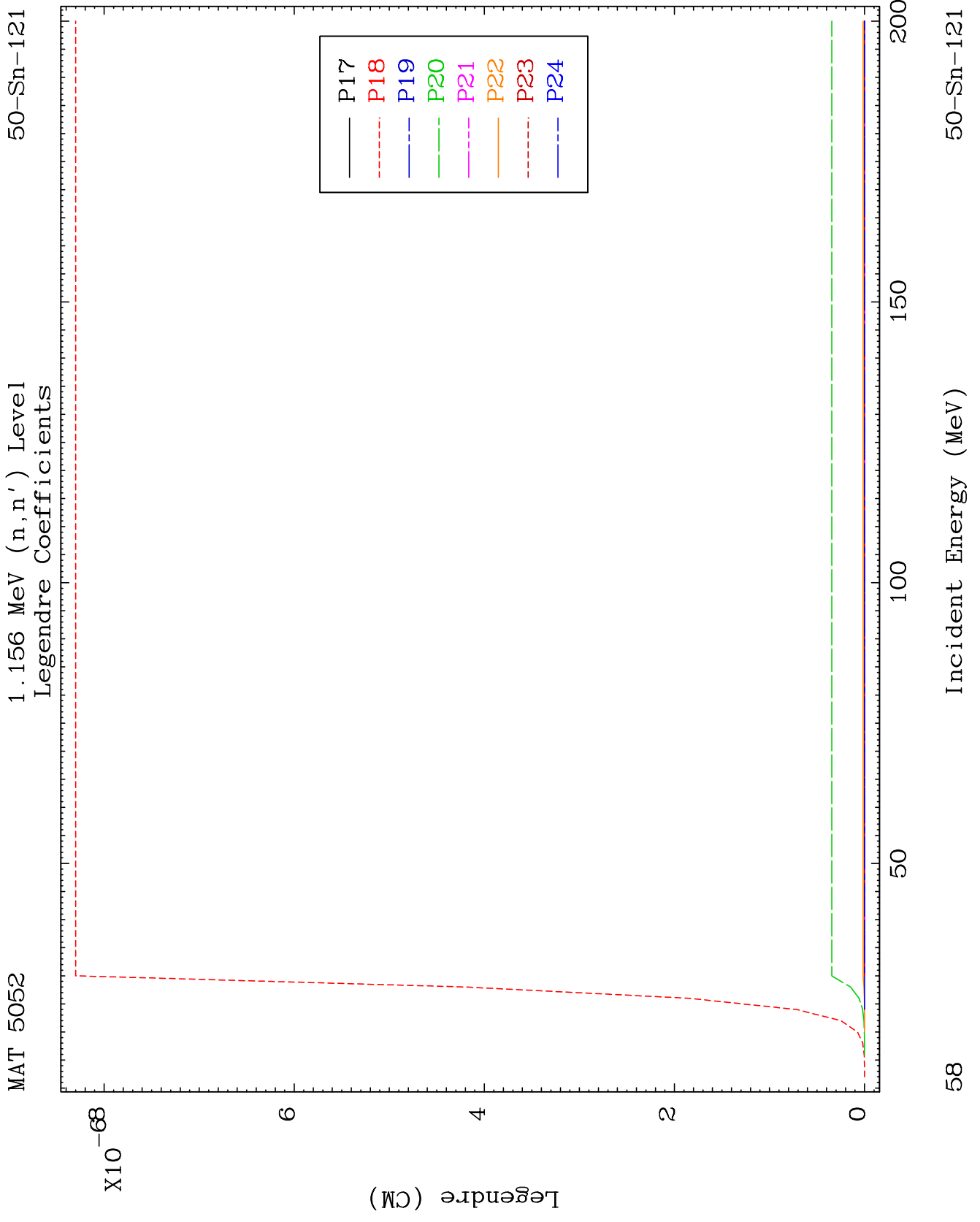


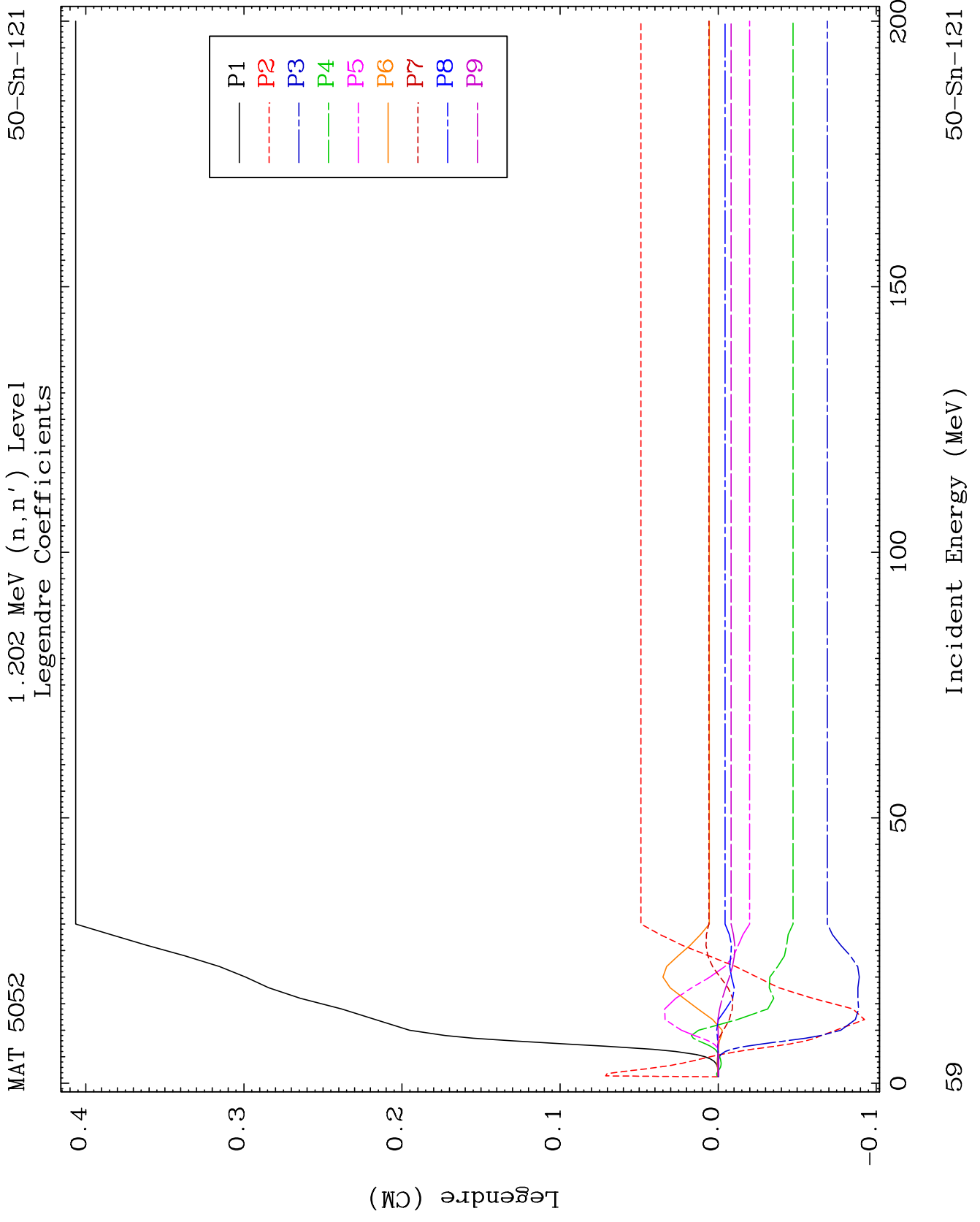


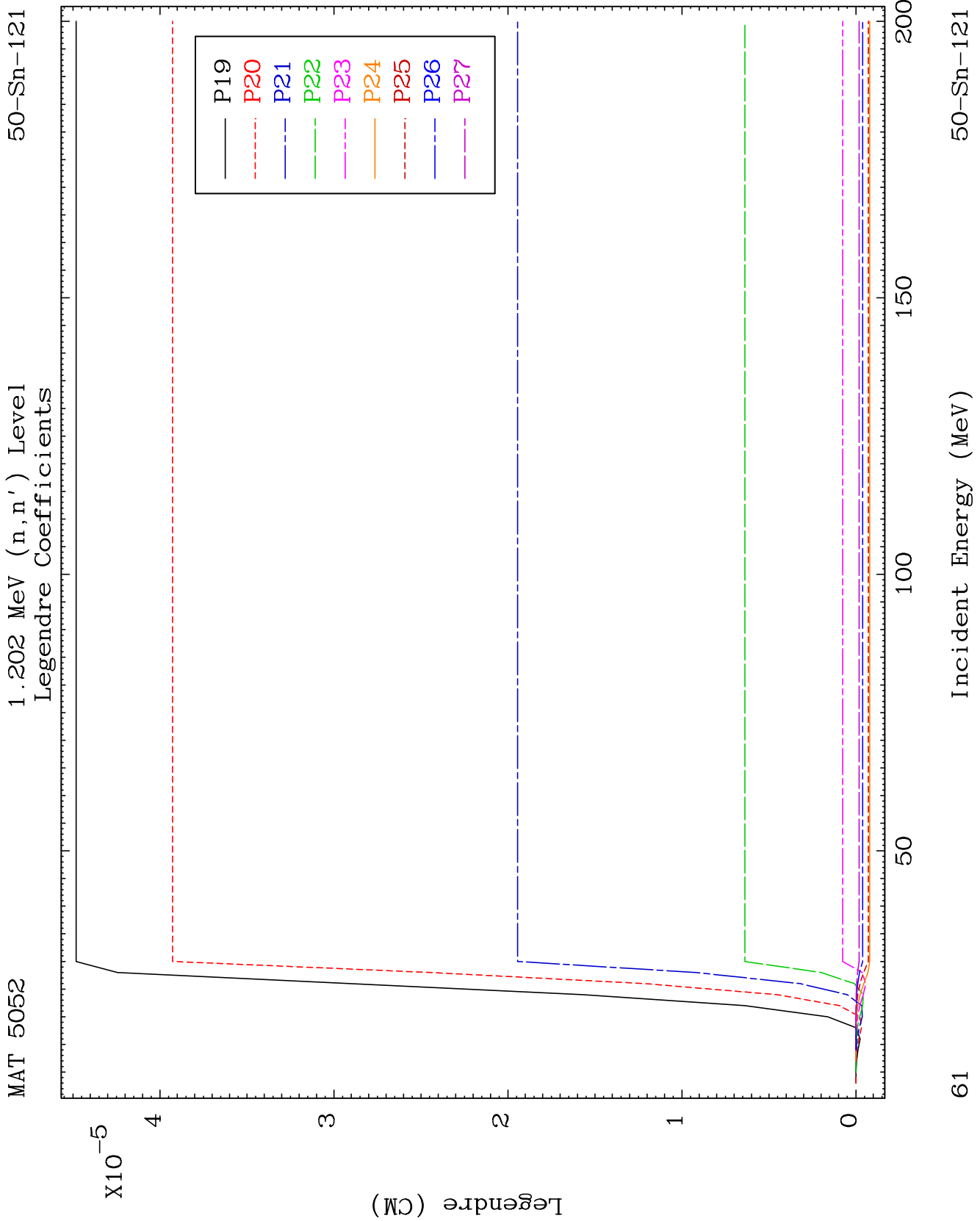


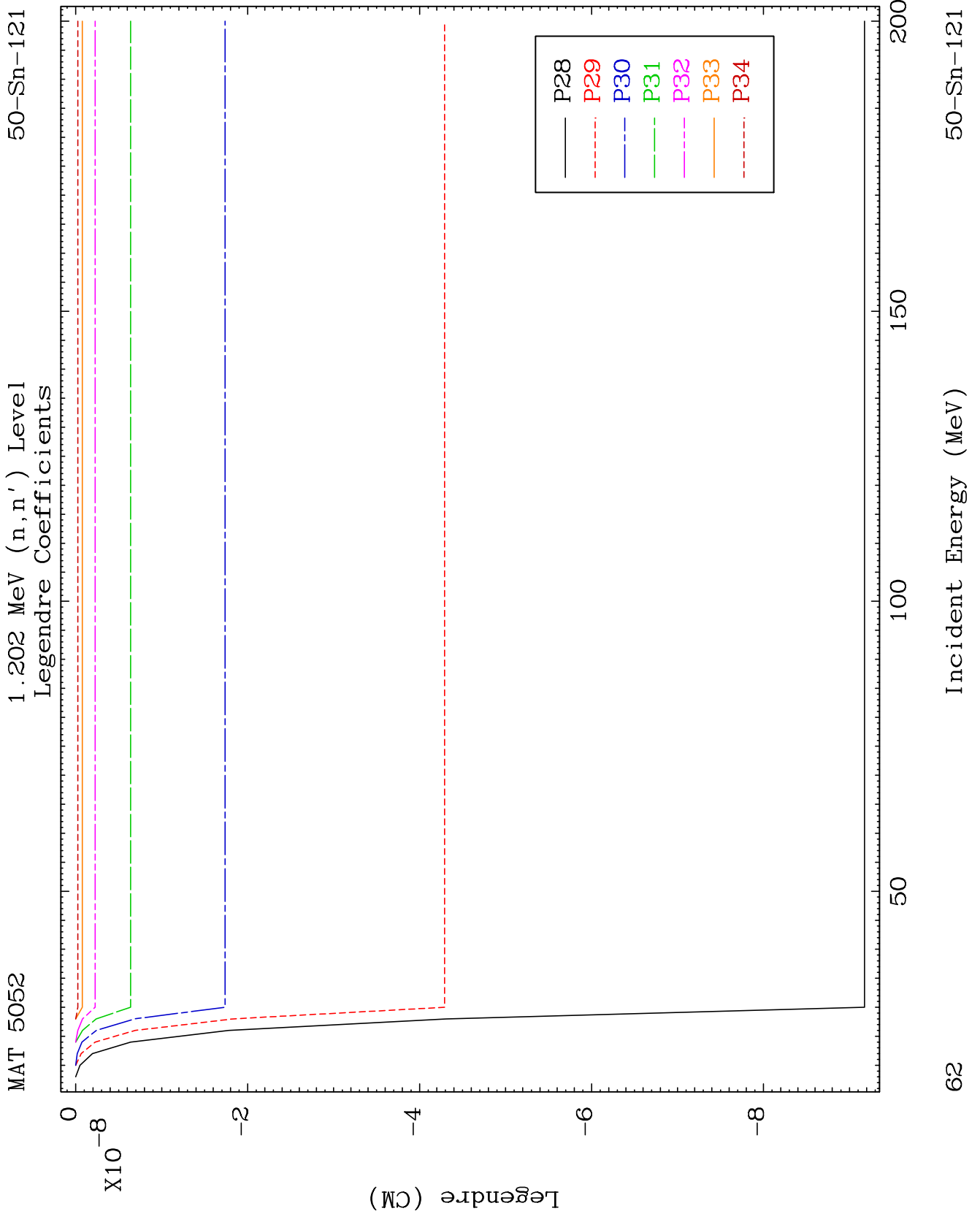


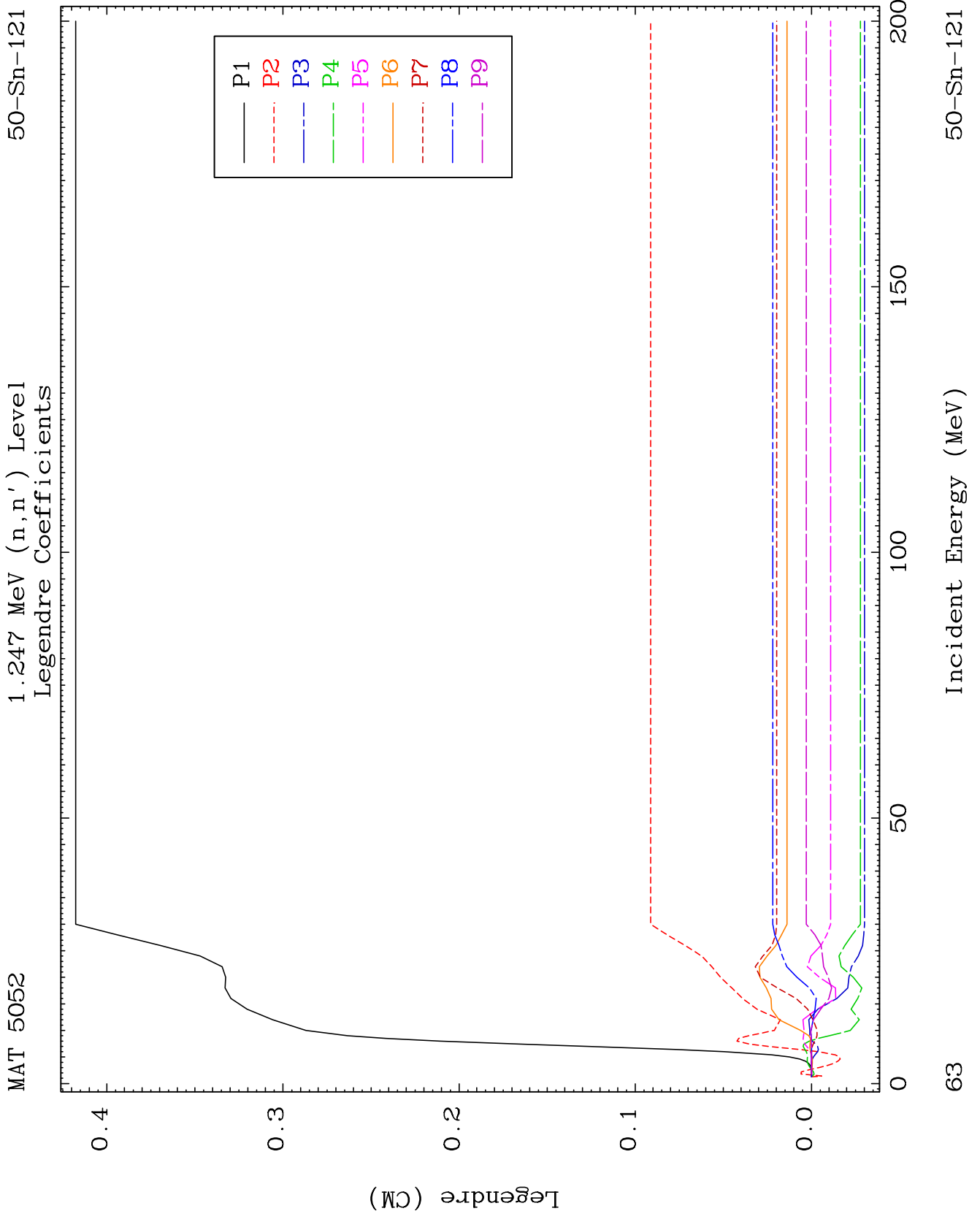


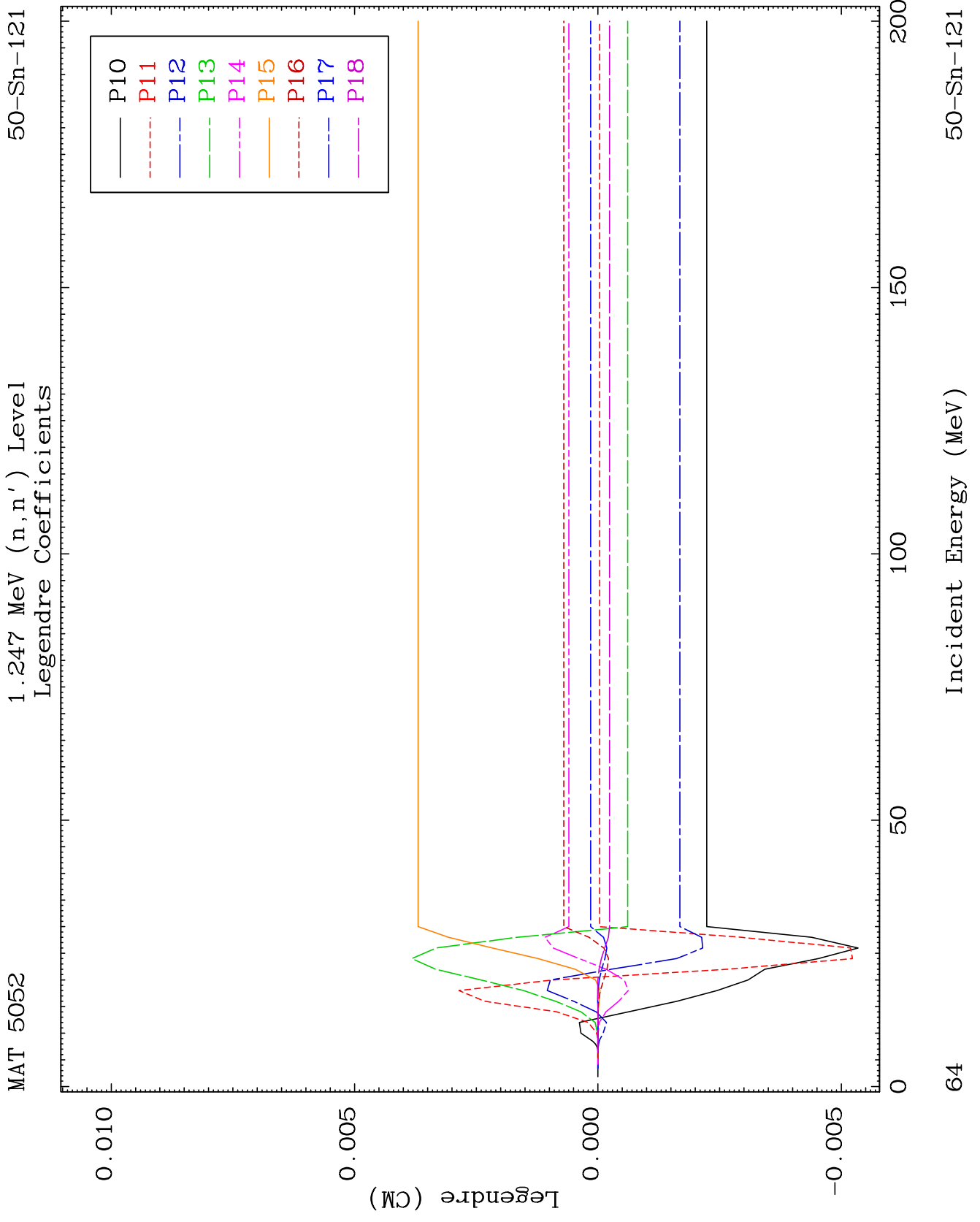


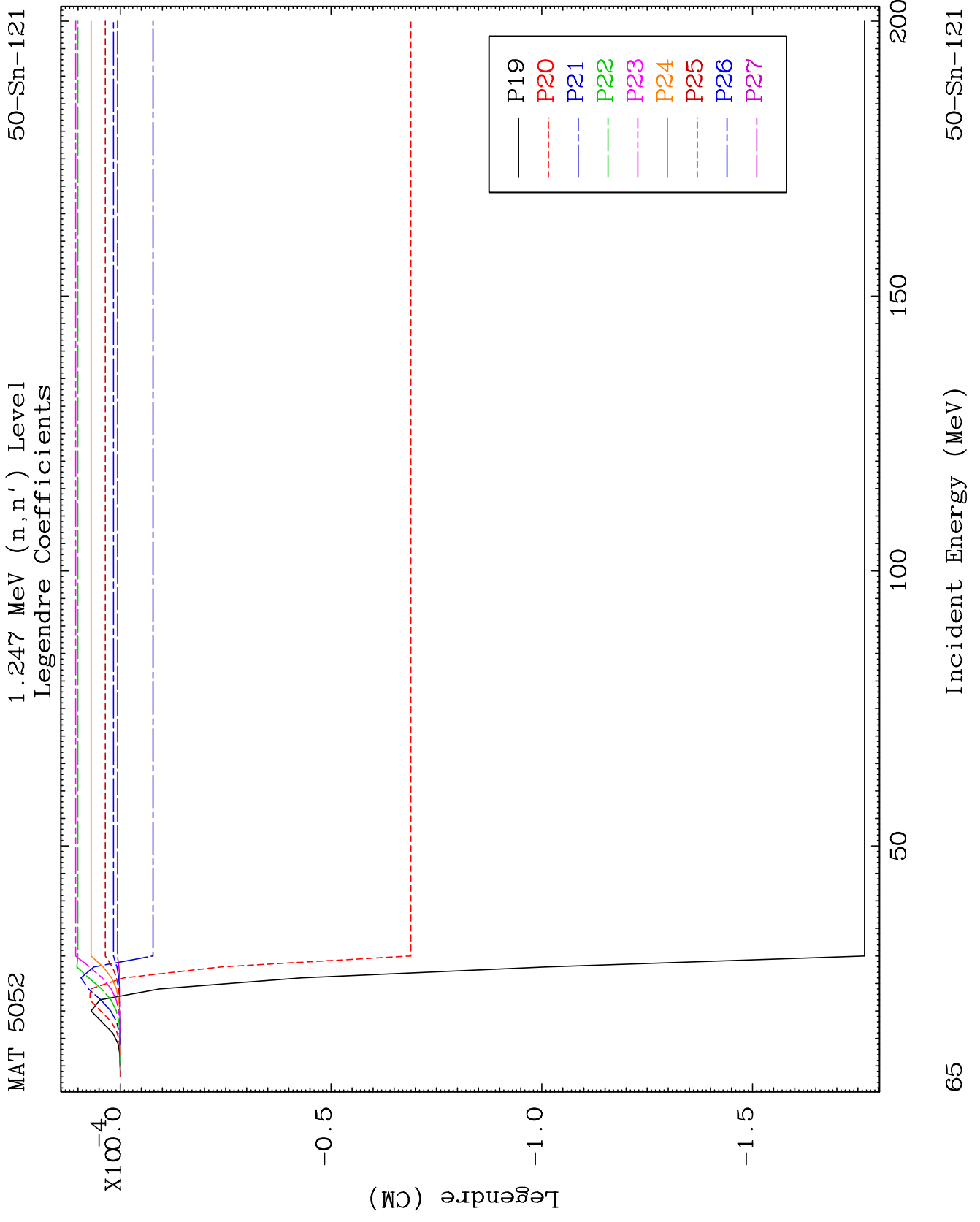


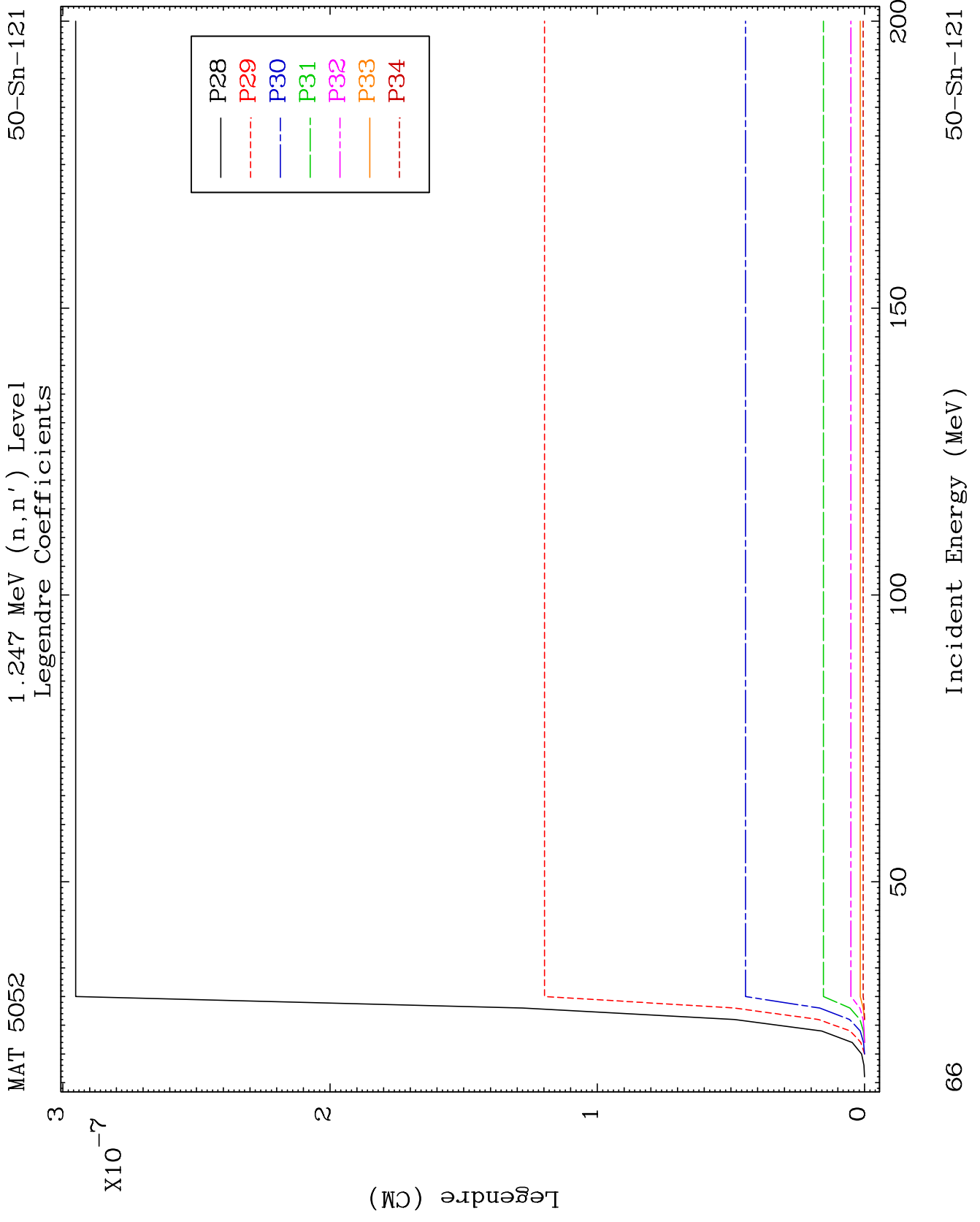


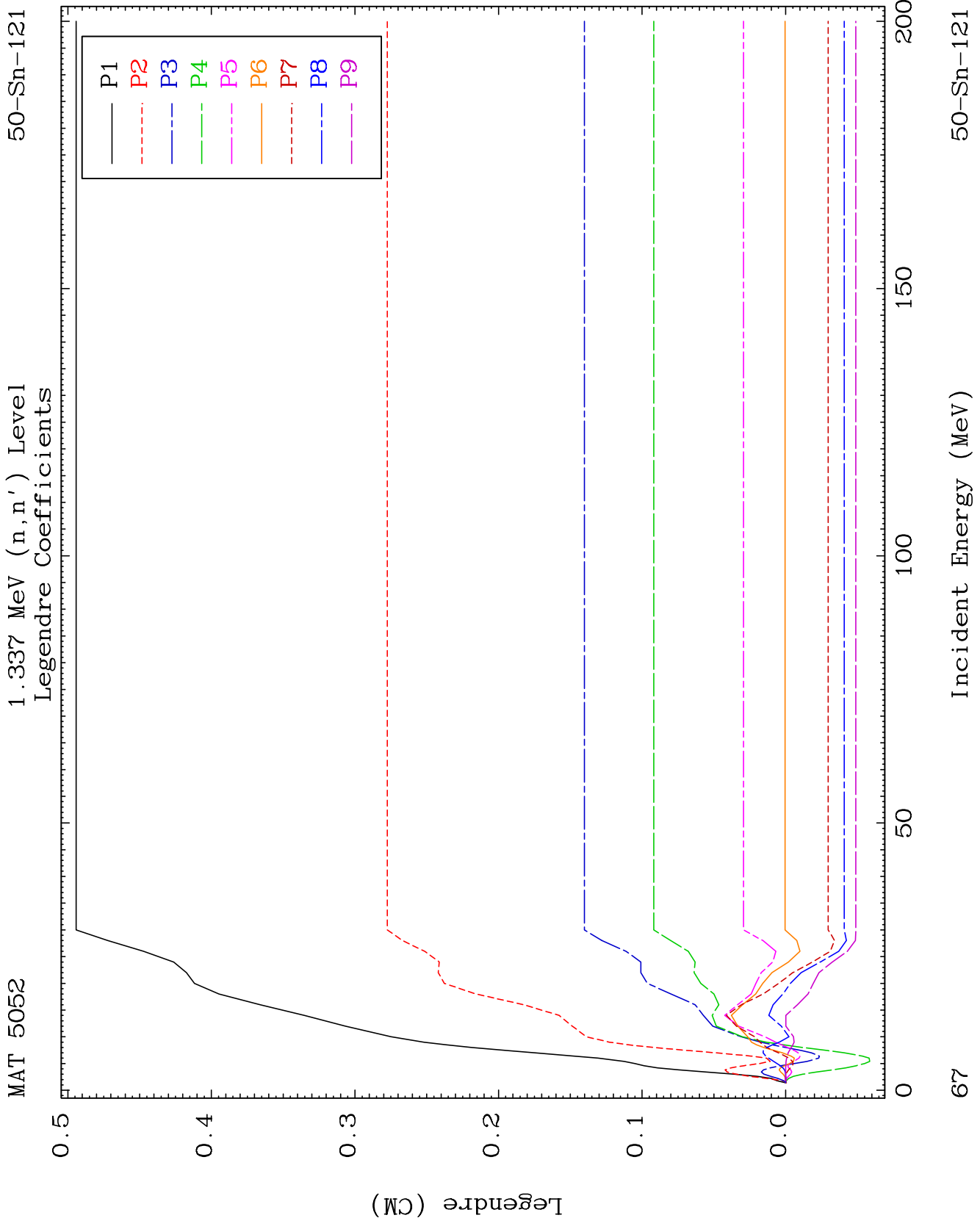








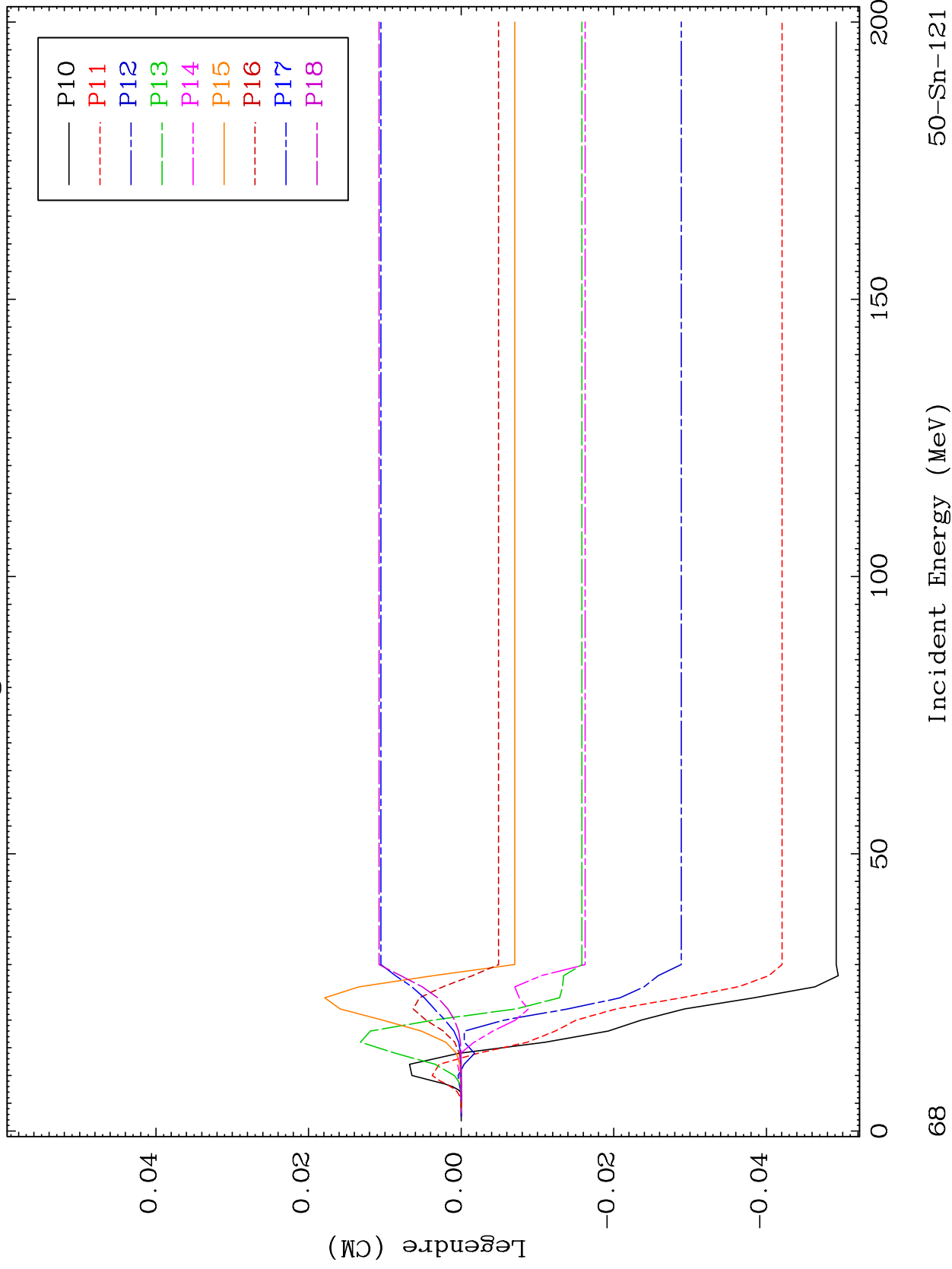




MAT 5052

1.337 MeV (n,n') Level
Legendre Coefficients

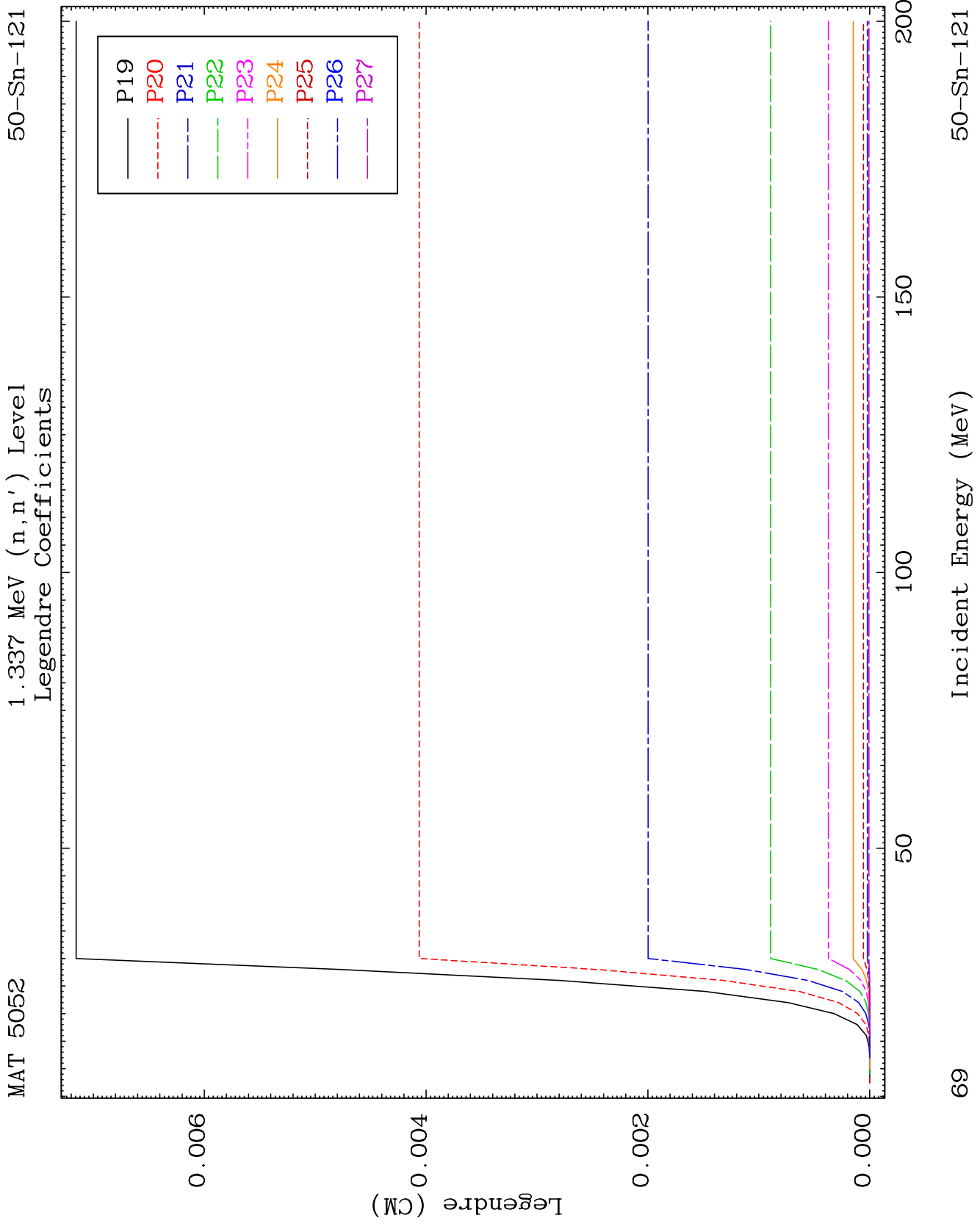
50-Sn-121

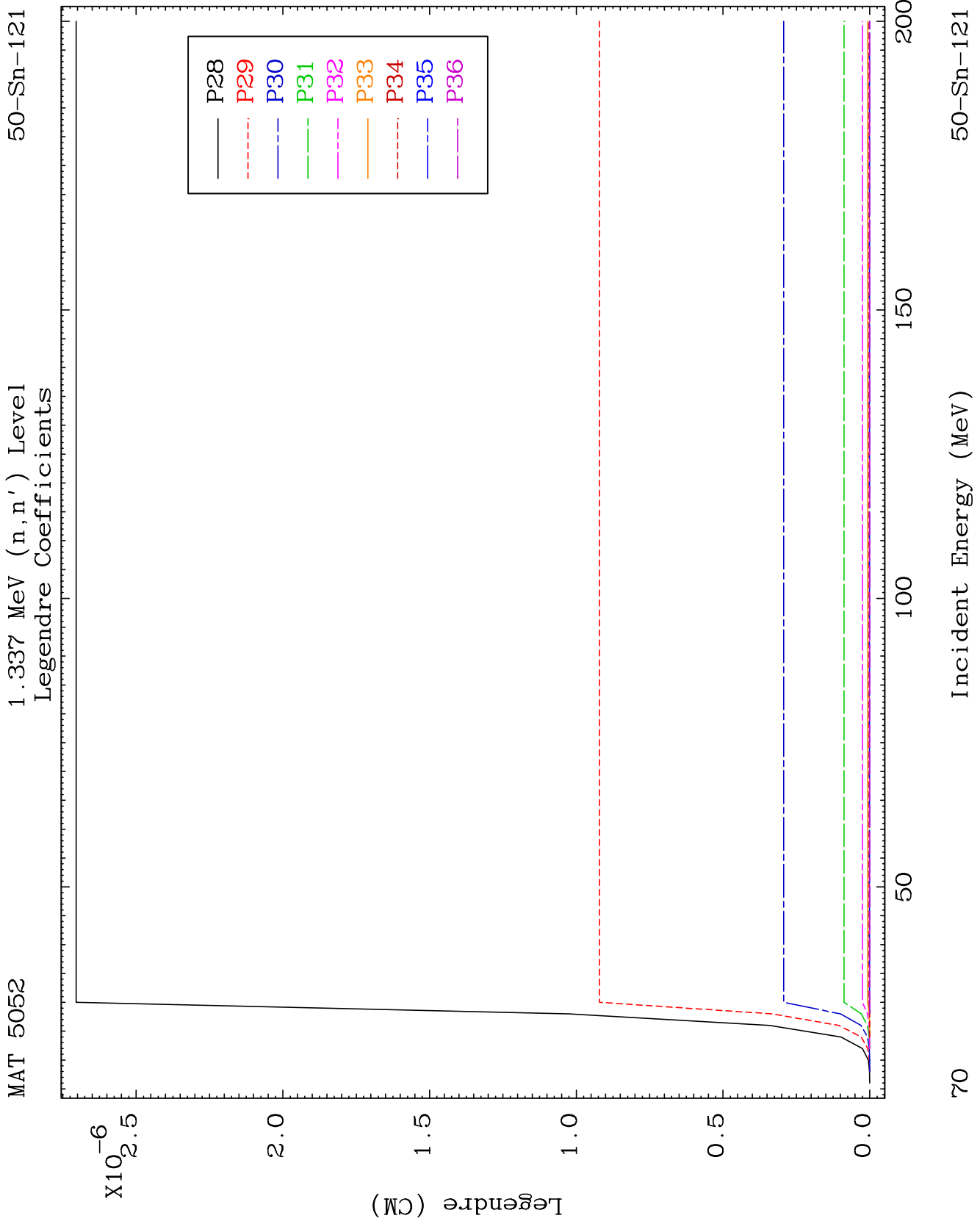


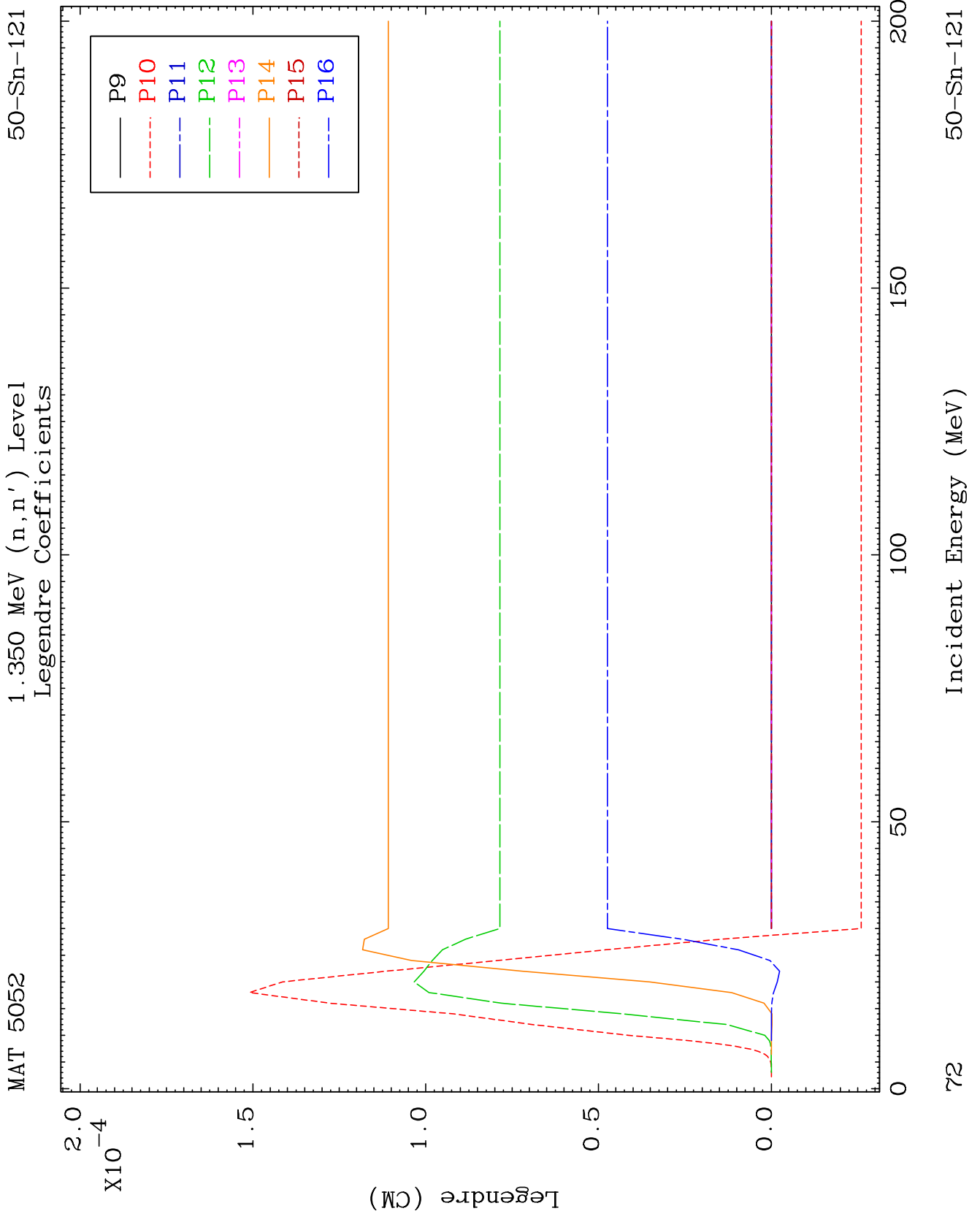
50-Sn-121

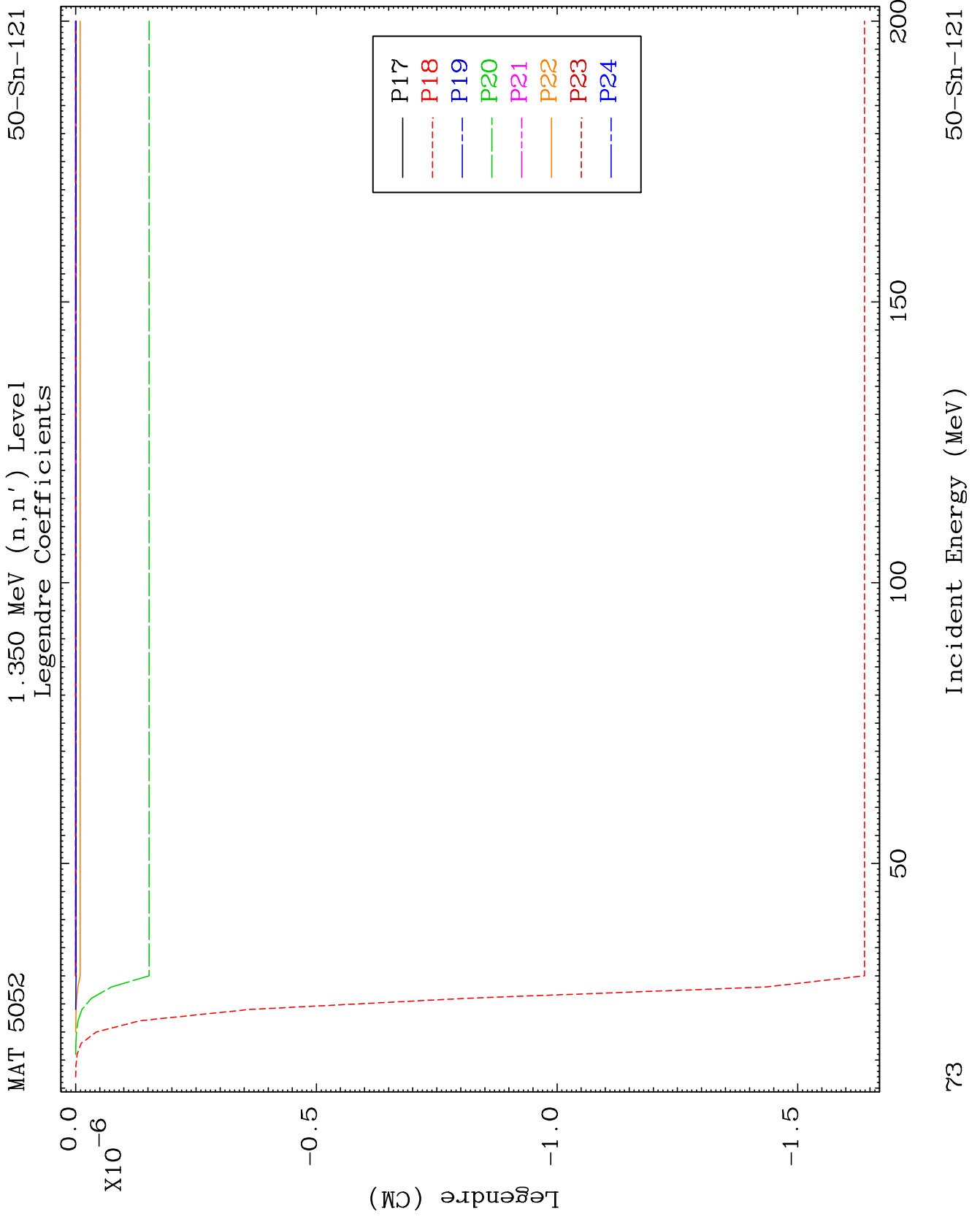
Incident Energy (MeV)

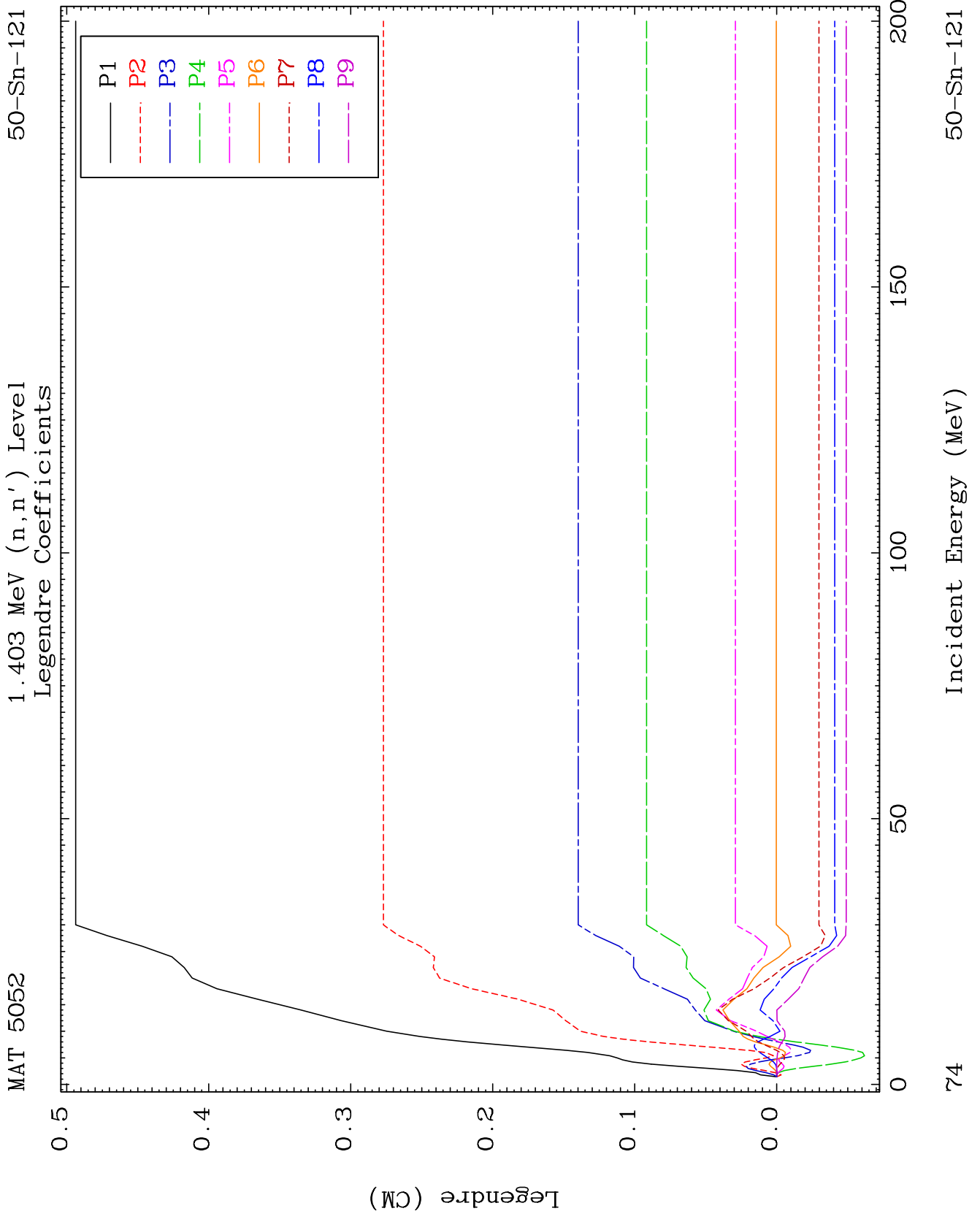
68

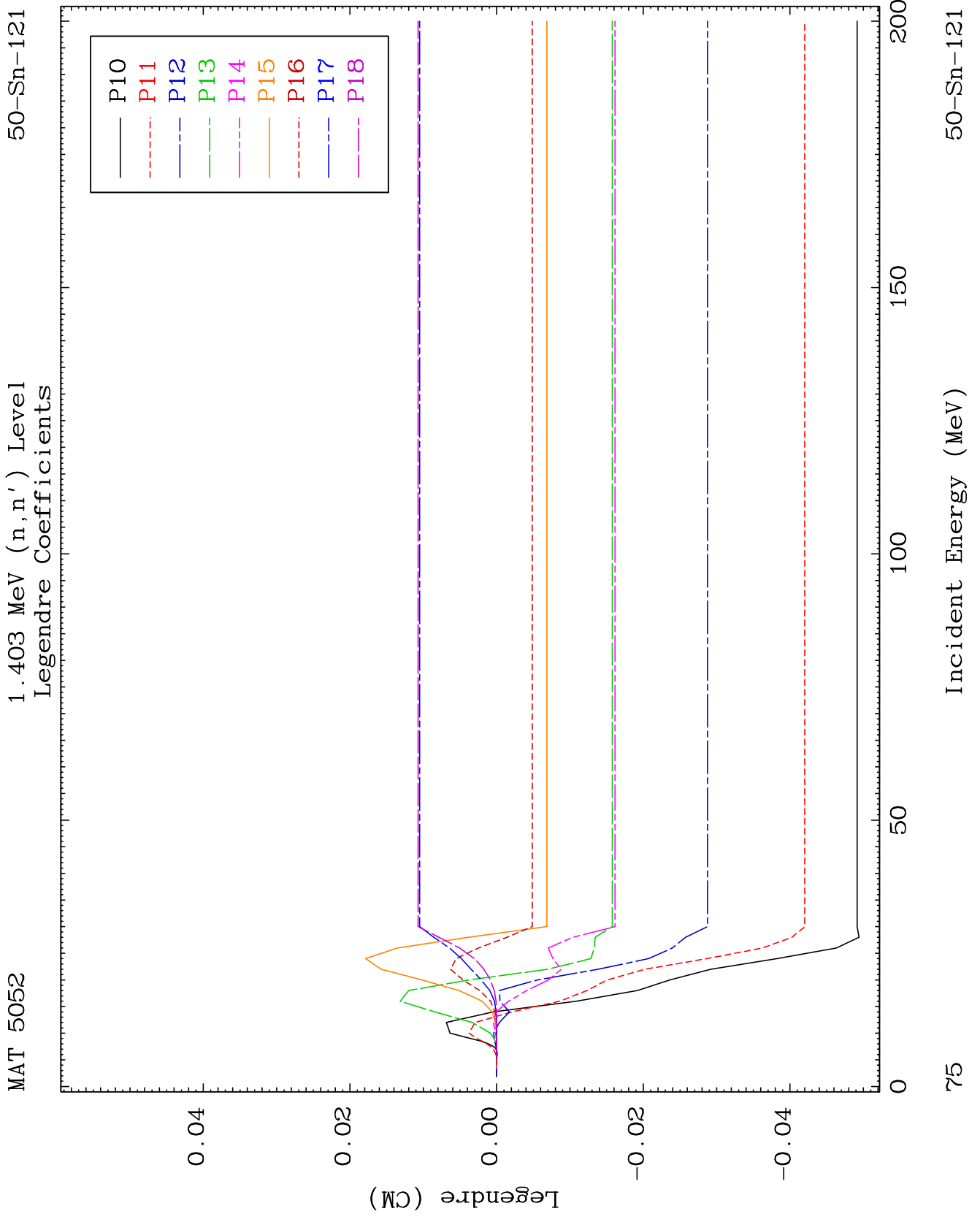


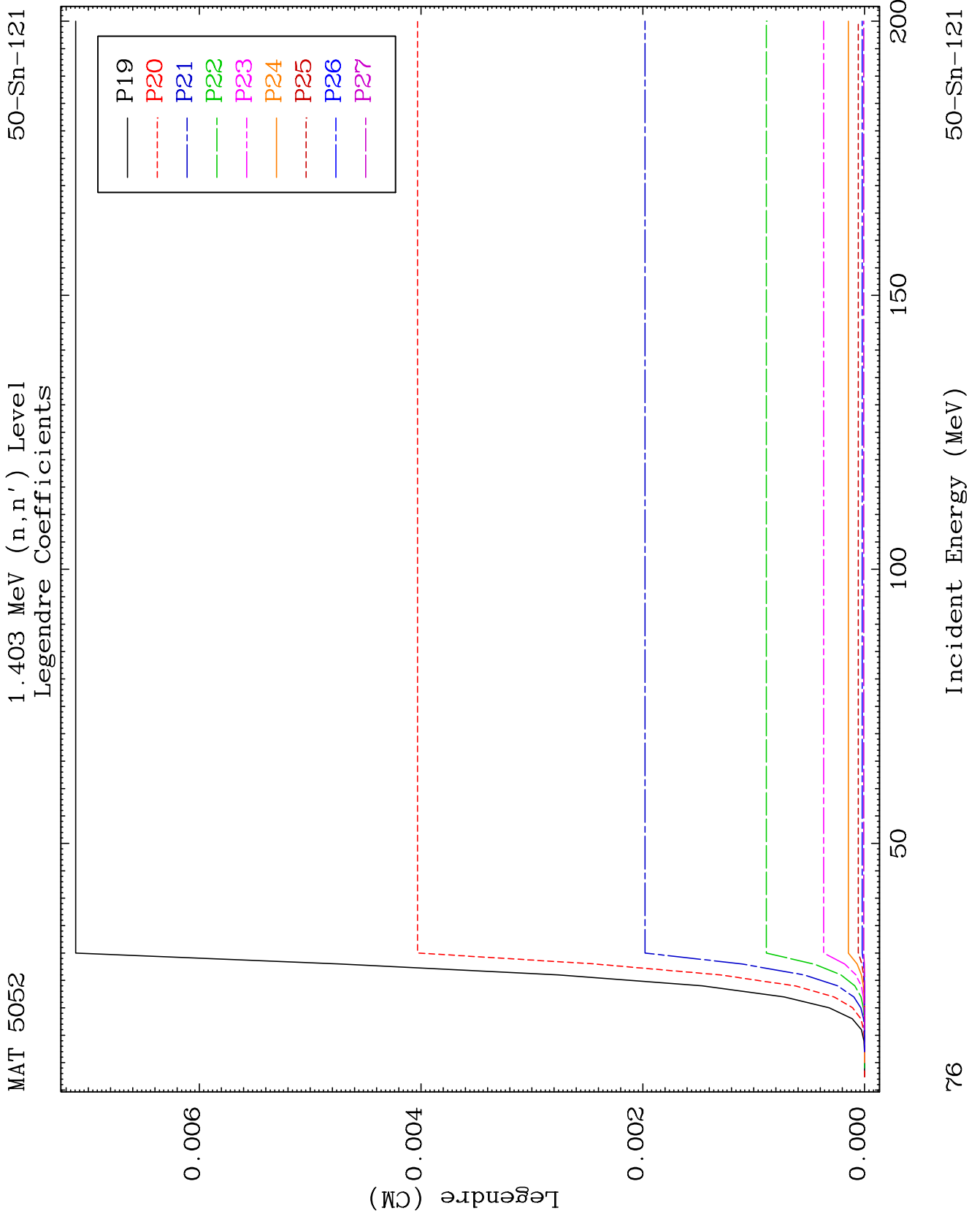


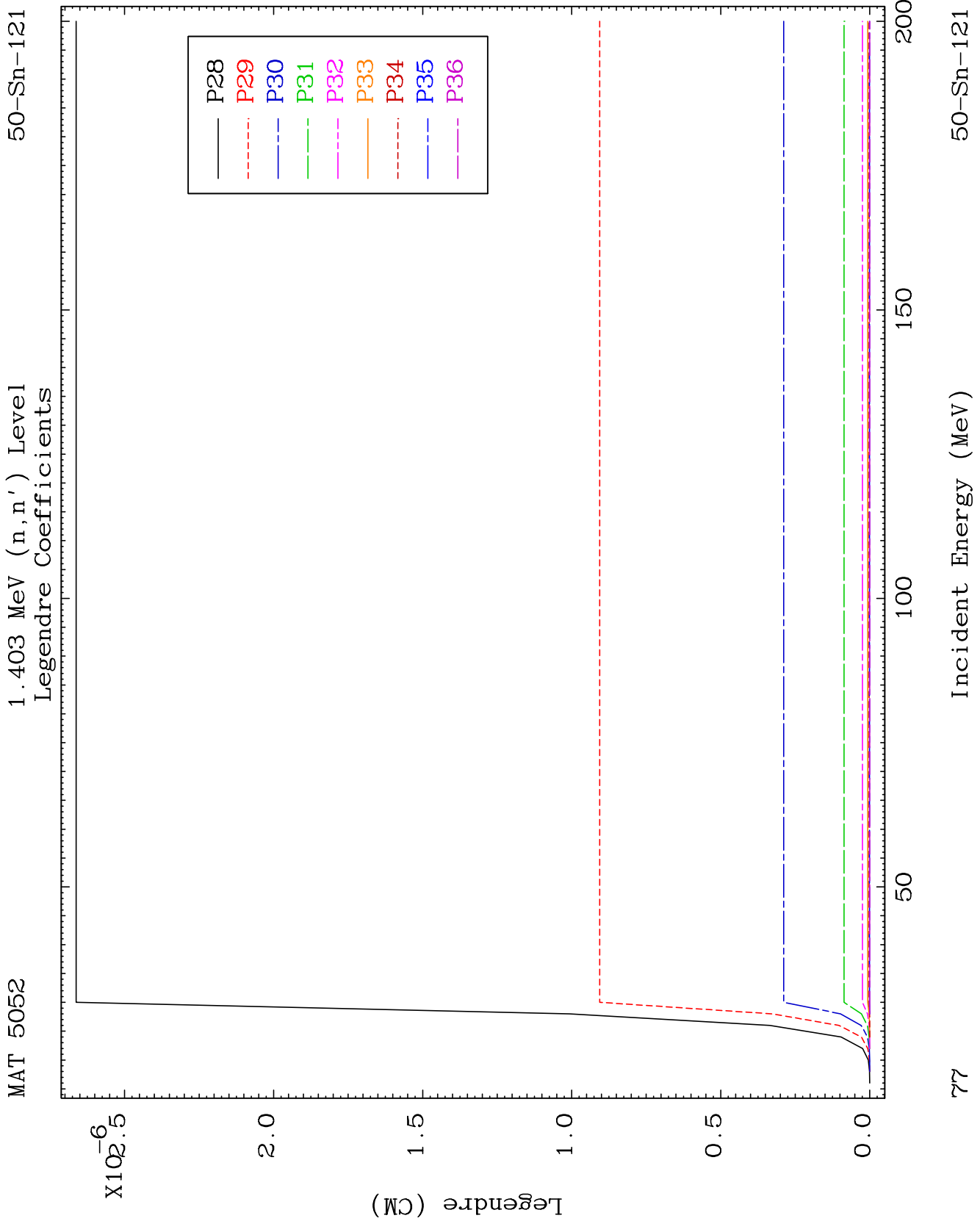


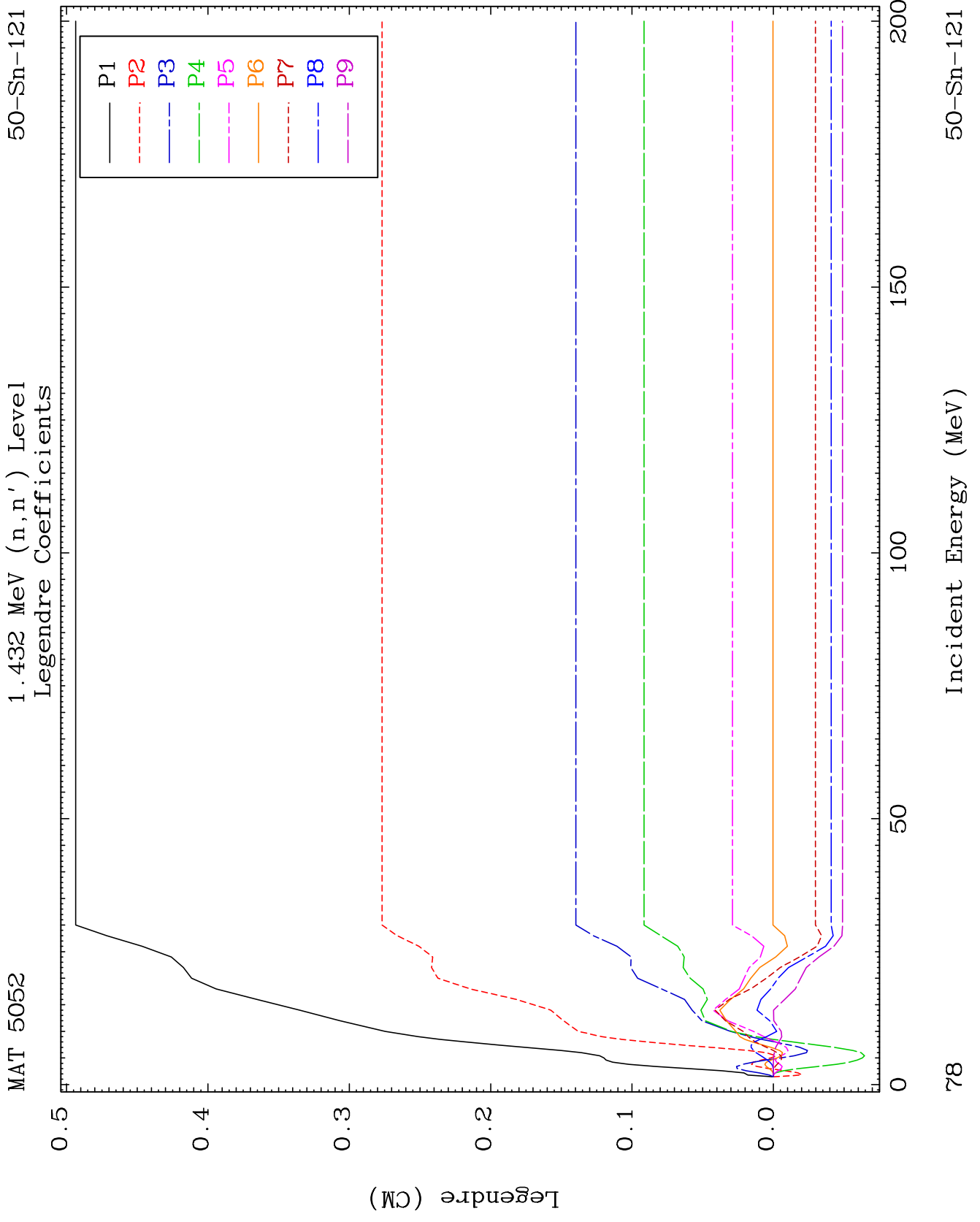








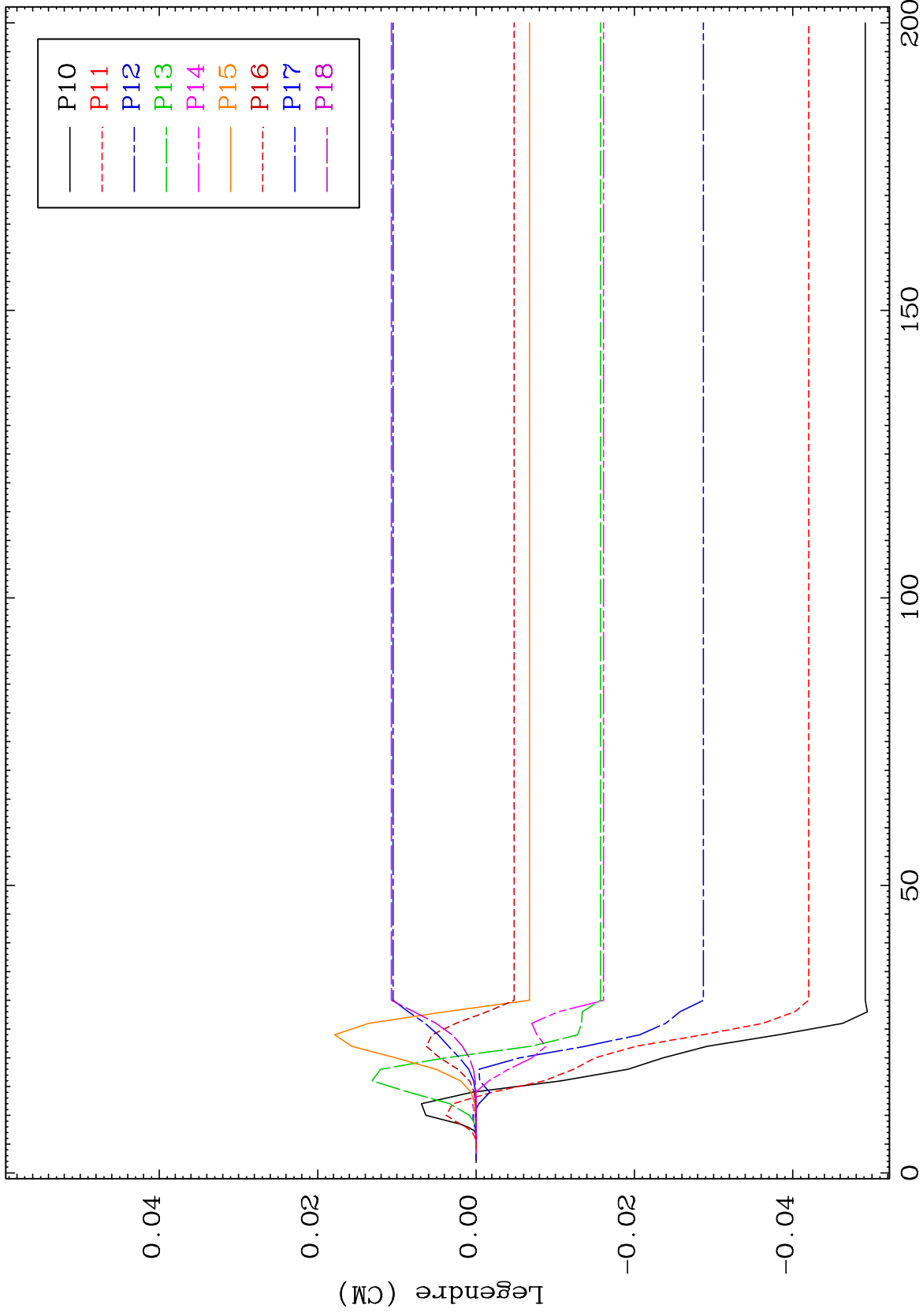




MAT 5052

1.432 MeV (n,n') Level
Legendre Coefficients

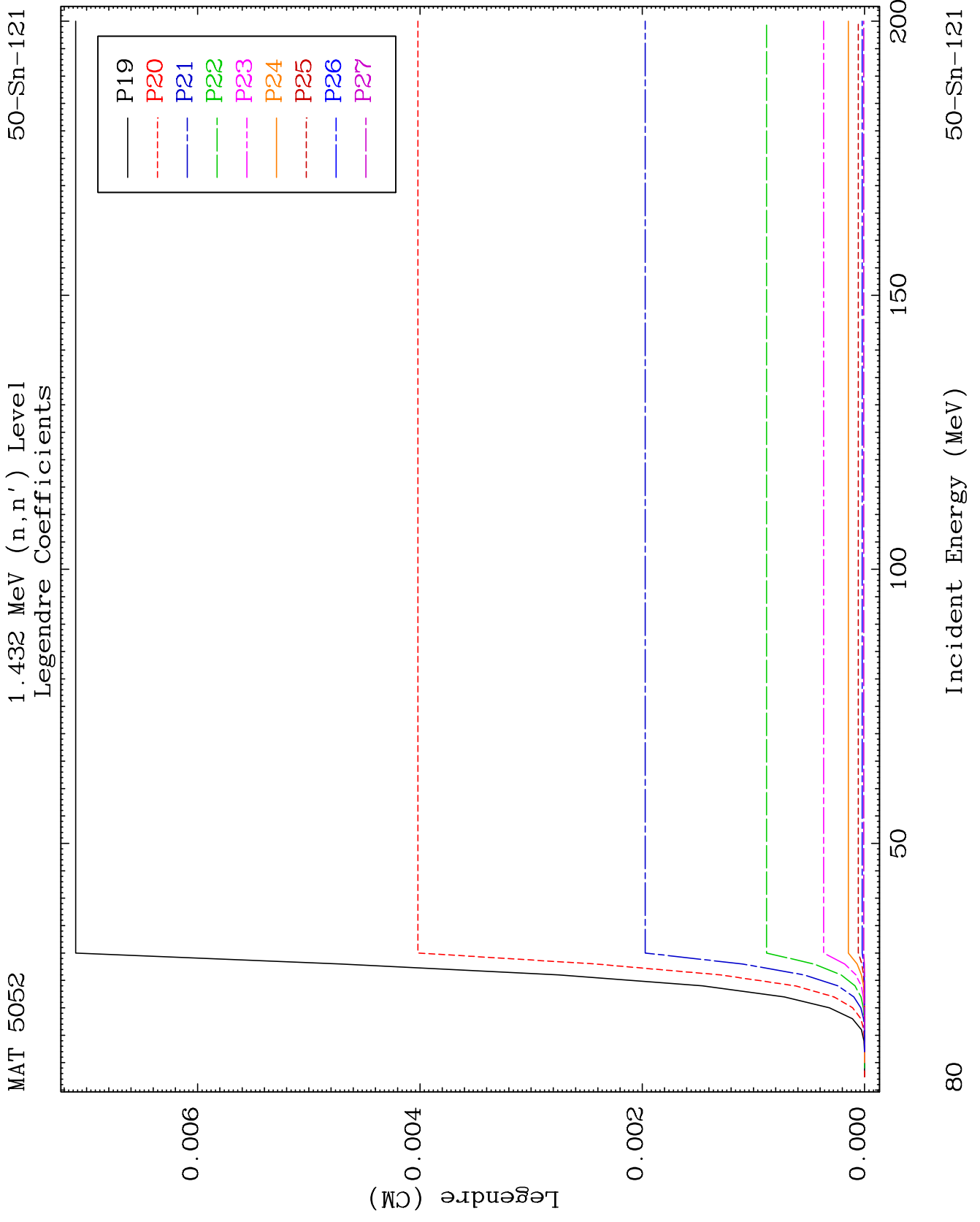
50-Sn-121

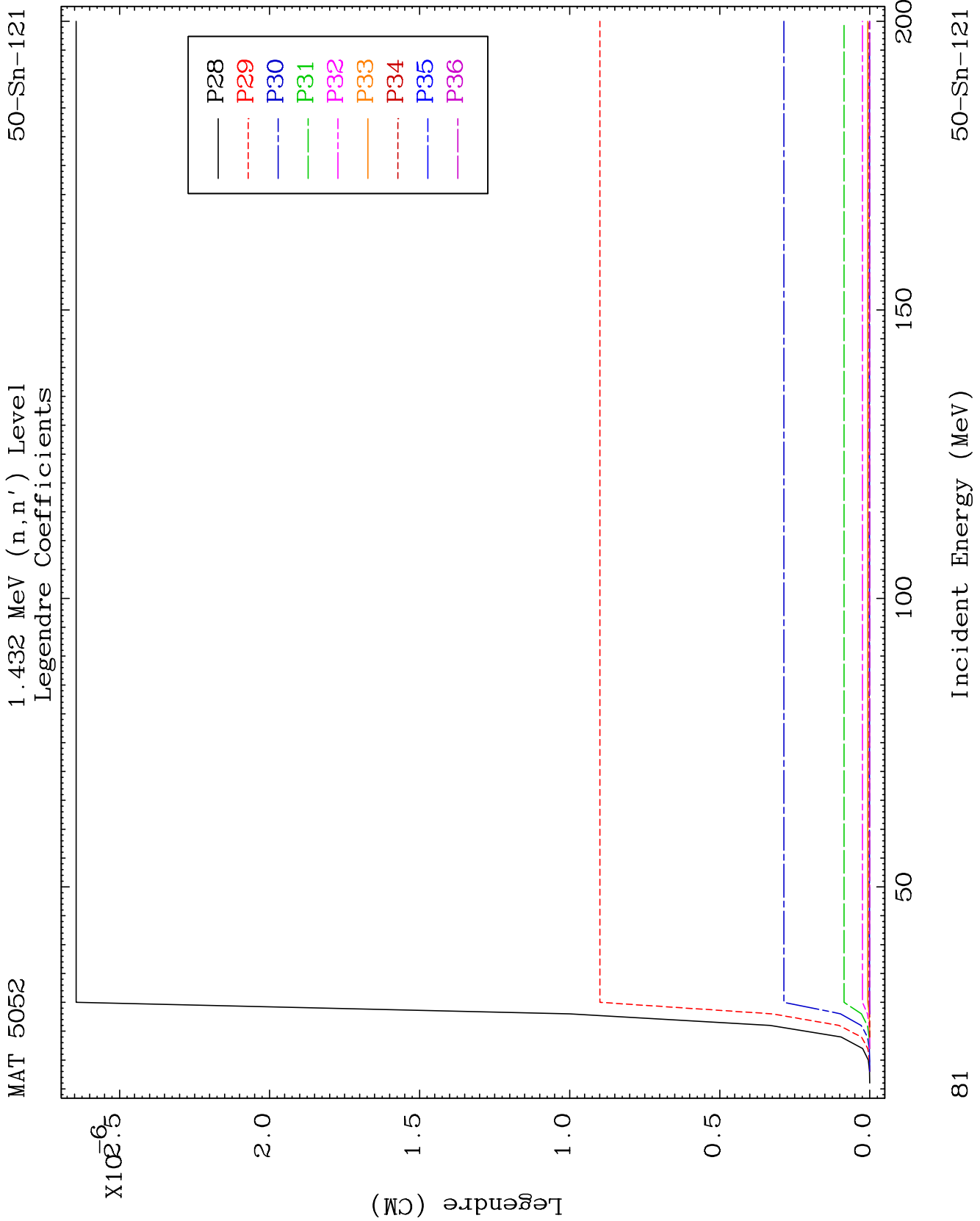


79

Incident Energy (MeV)

50-Sn-121

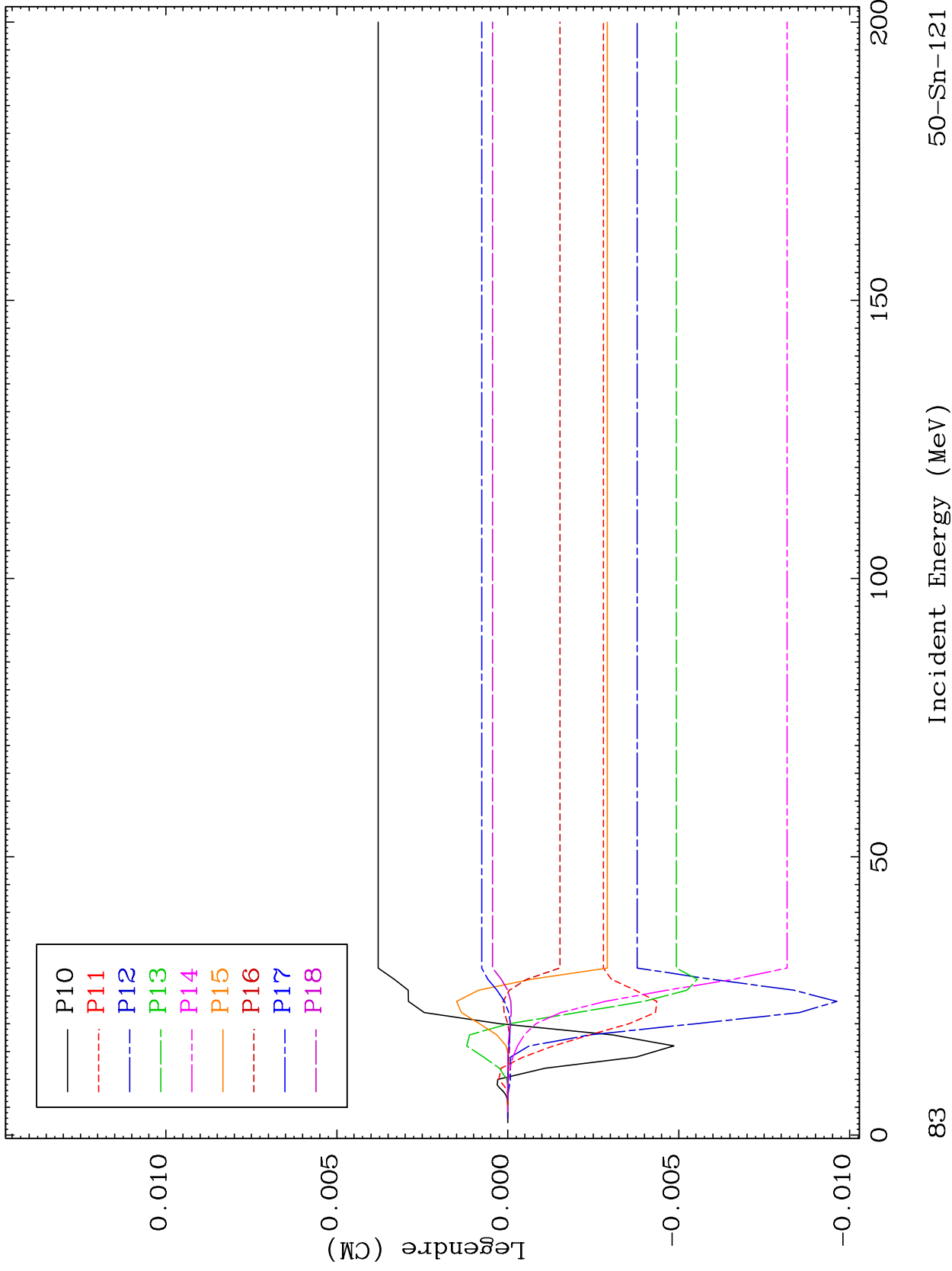




MAT 5052

1.450 MeV (n,n') Level
Legendre Coefficients

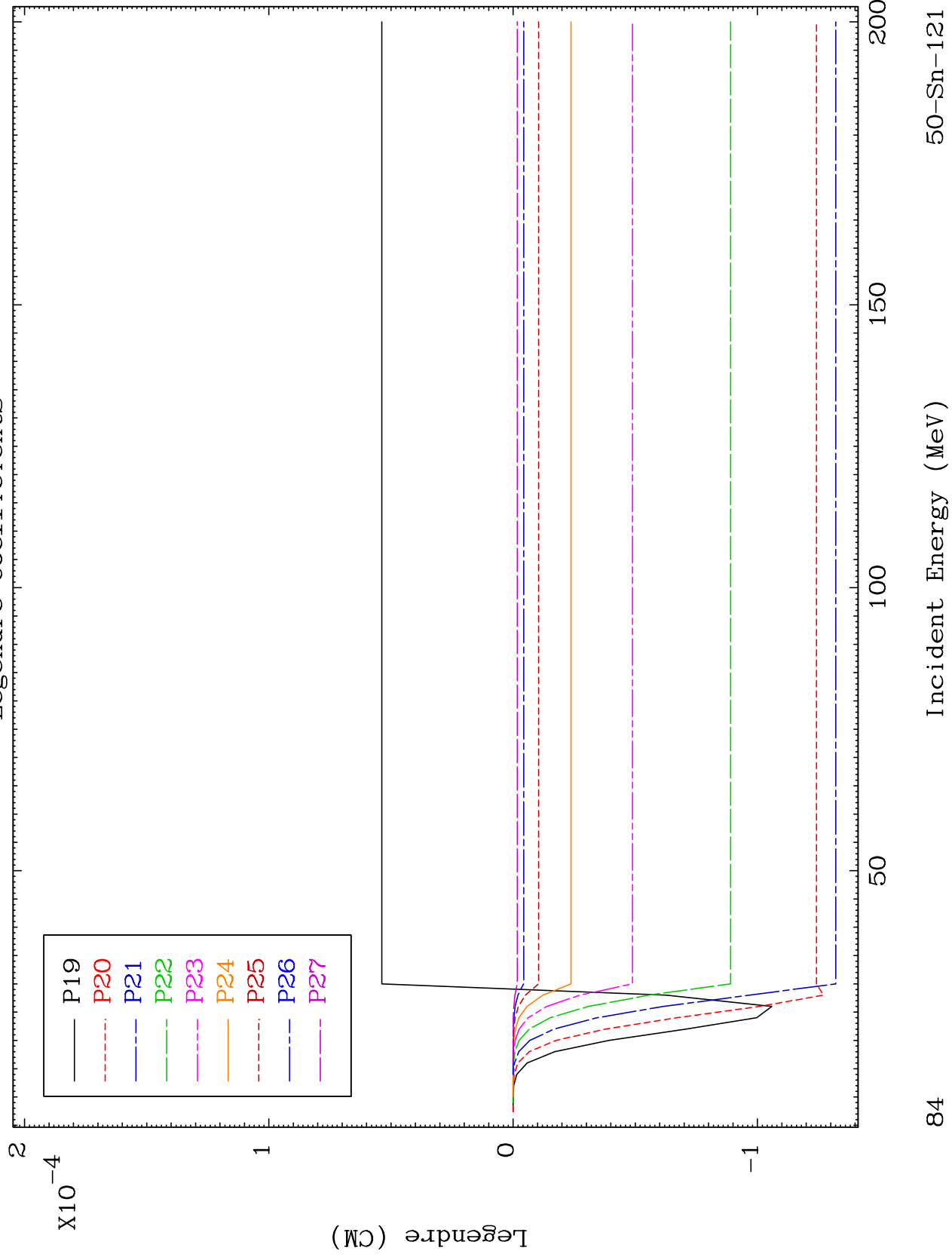
50-Sn-121

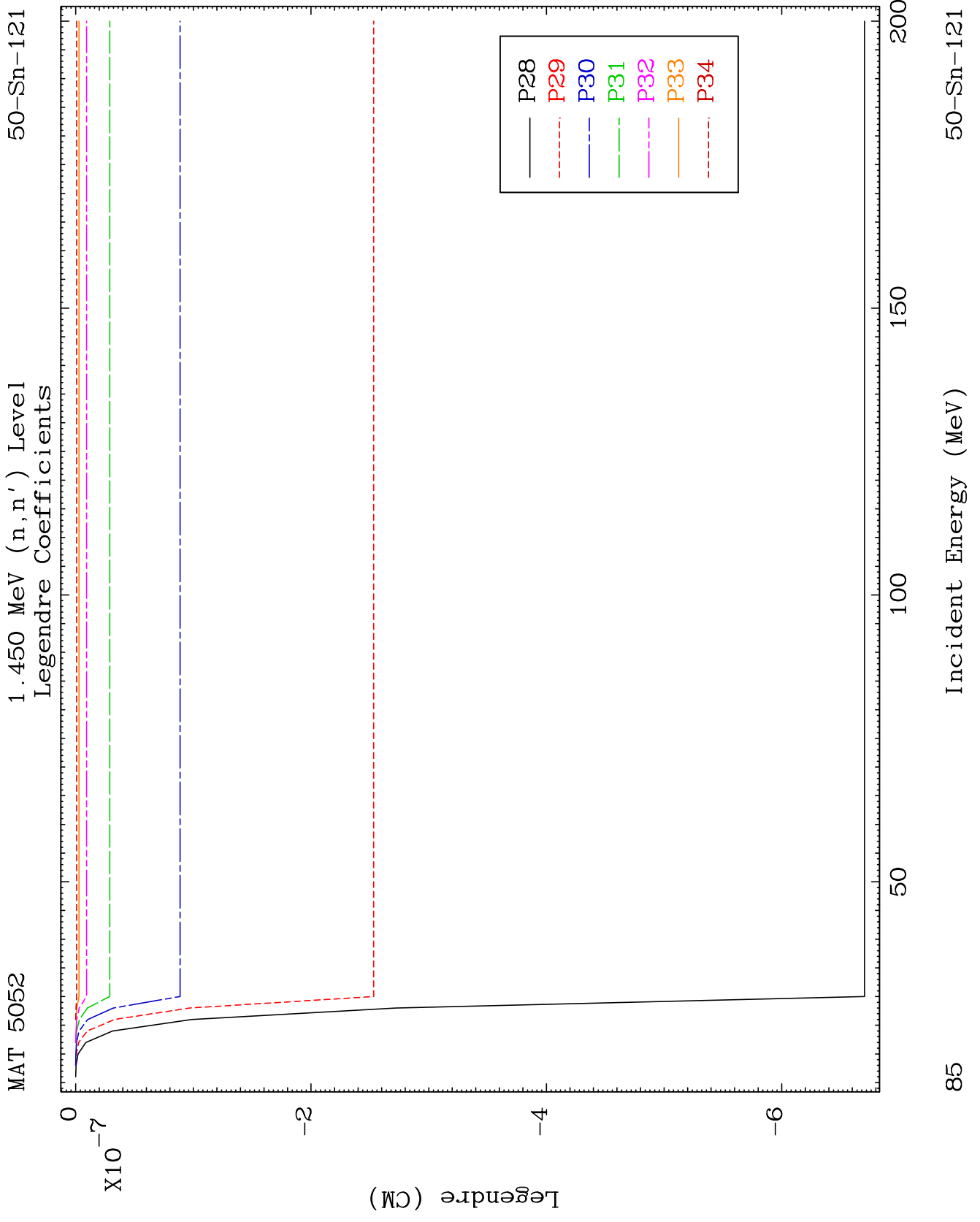


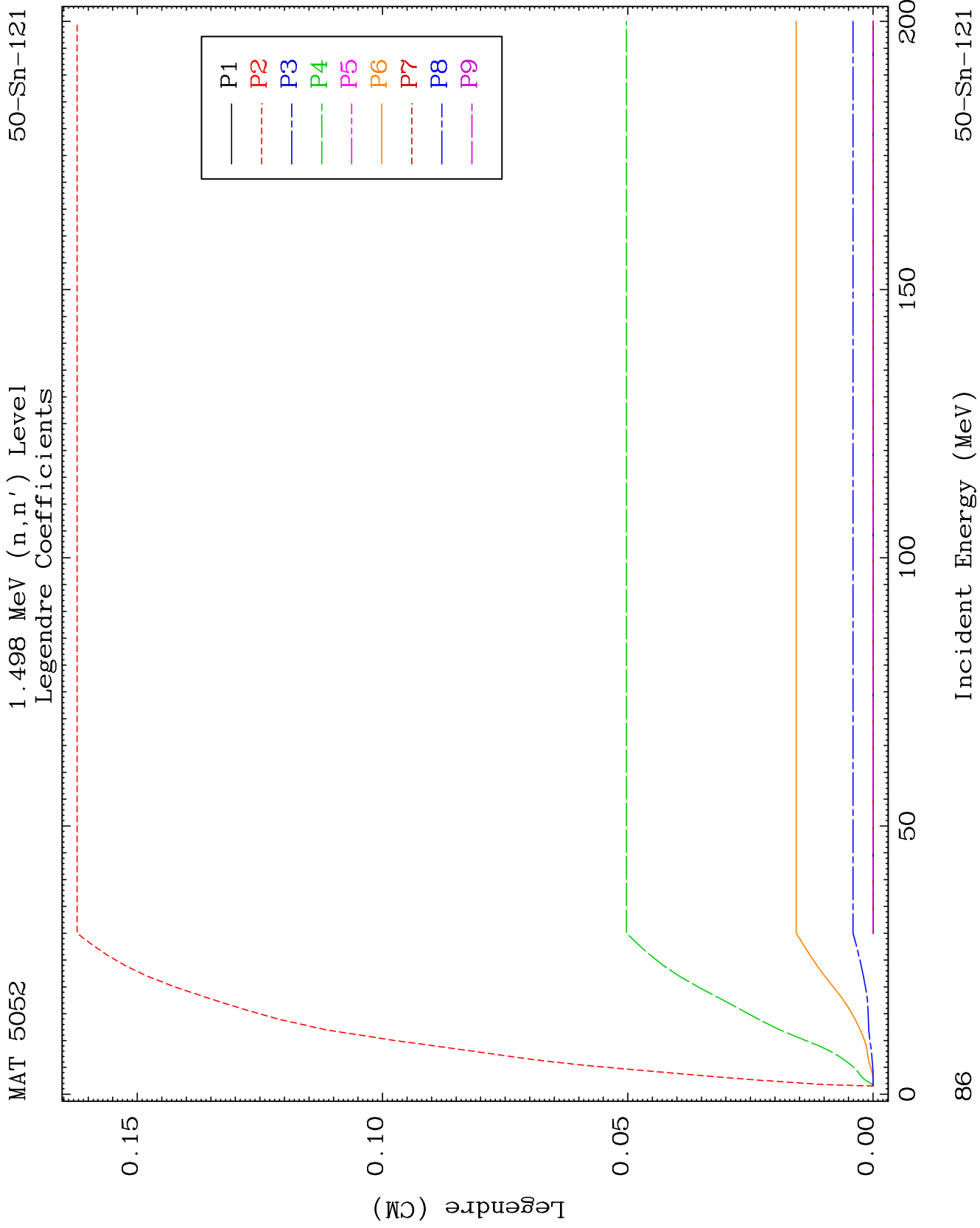
MAT 5052

1.450 MeV (n,n') Level
Legendre Coefficients

50-Sn-121



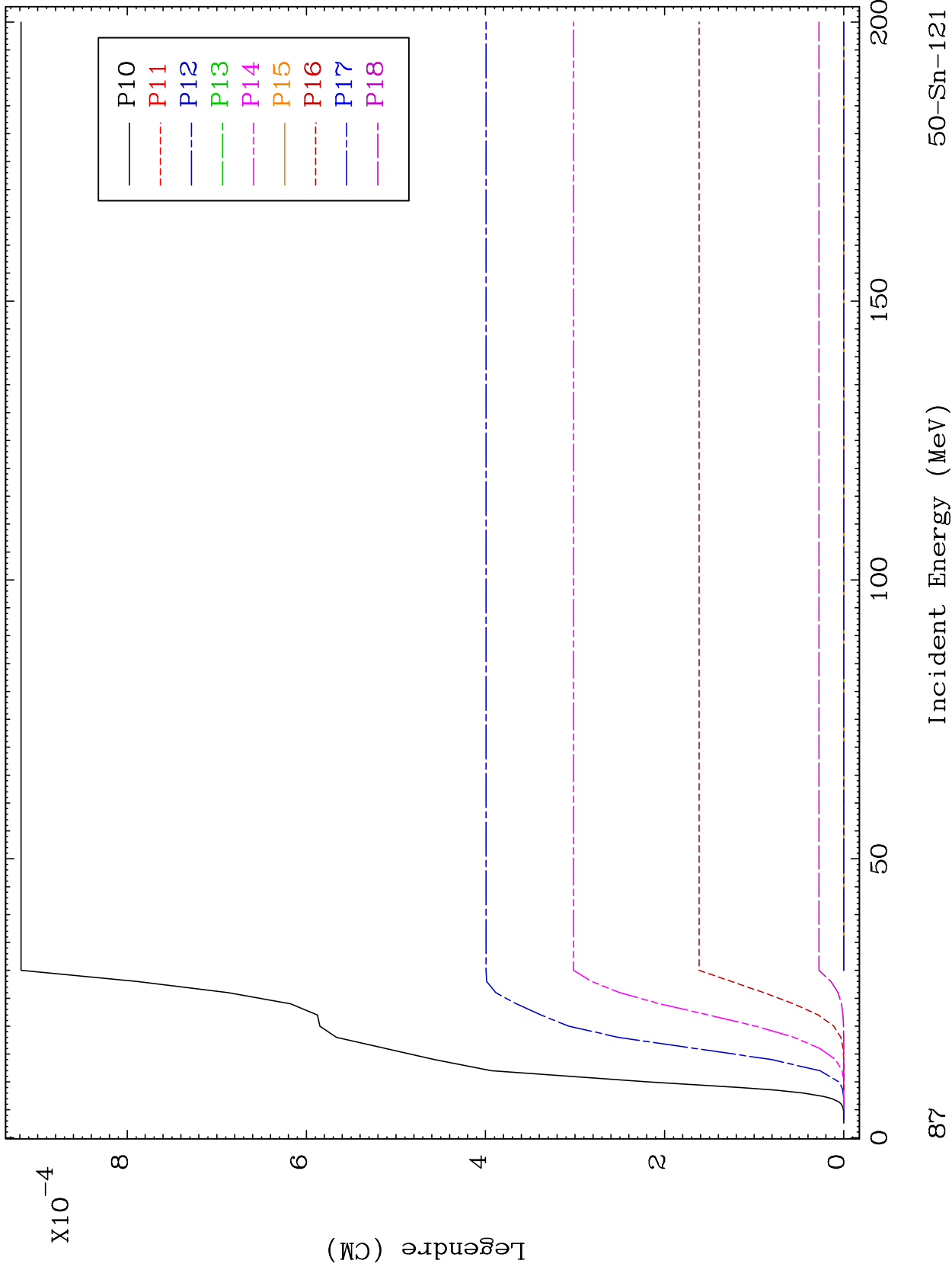




MAT 5052

1.498 MeV (n,n') Level
Legendre Coefficients

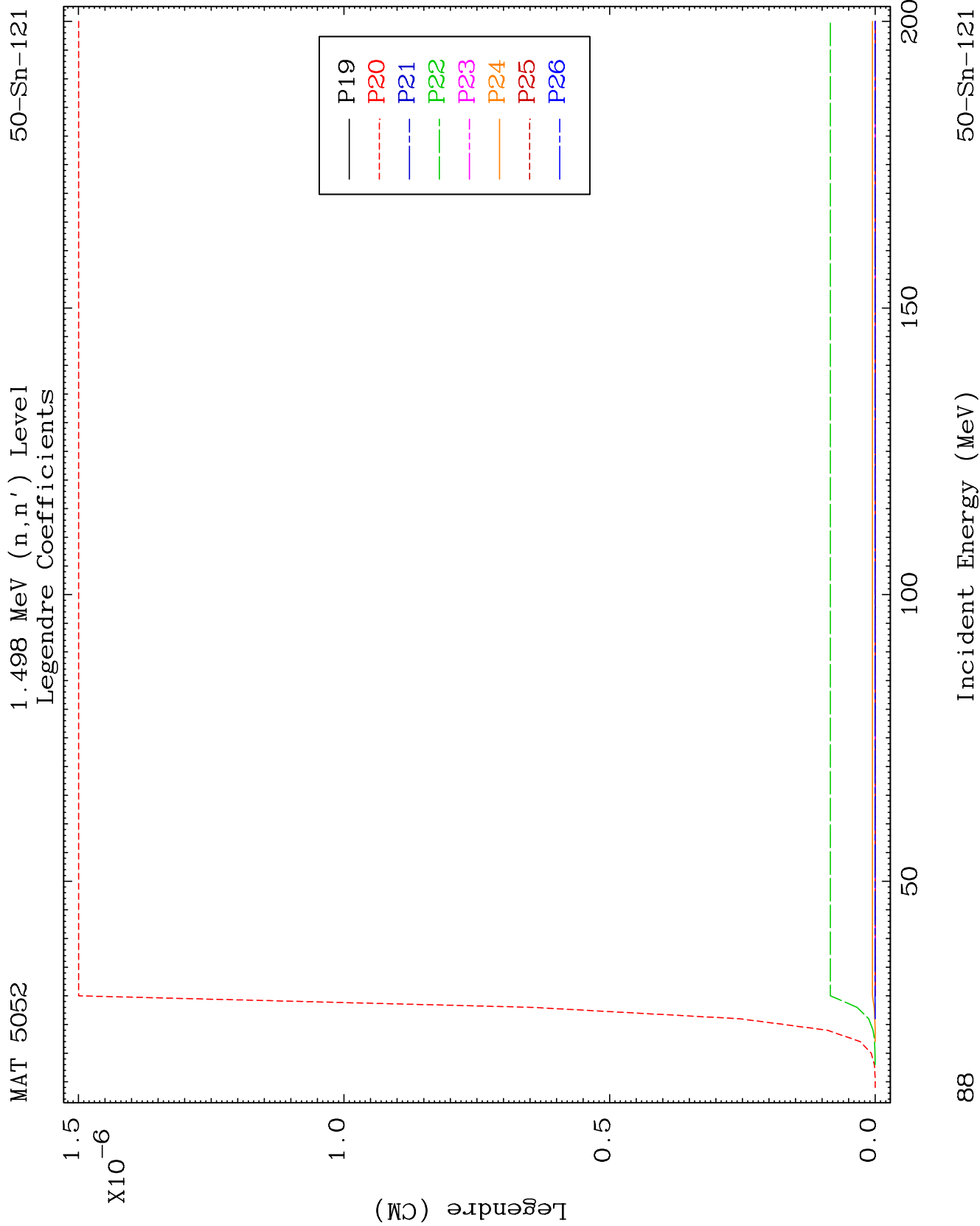
50-Sn-121

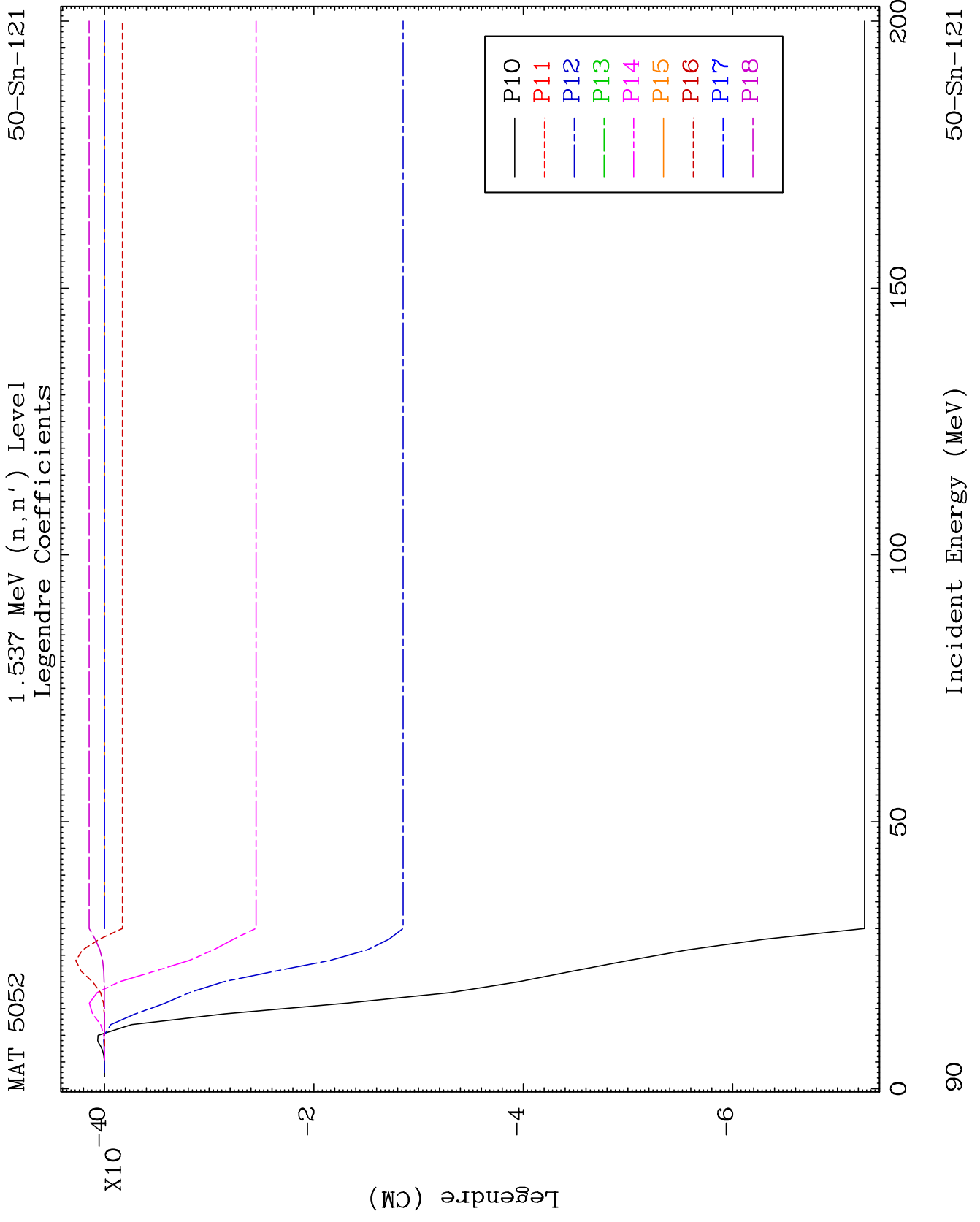


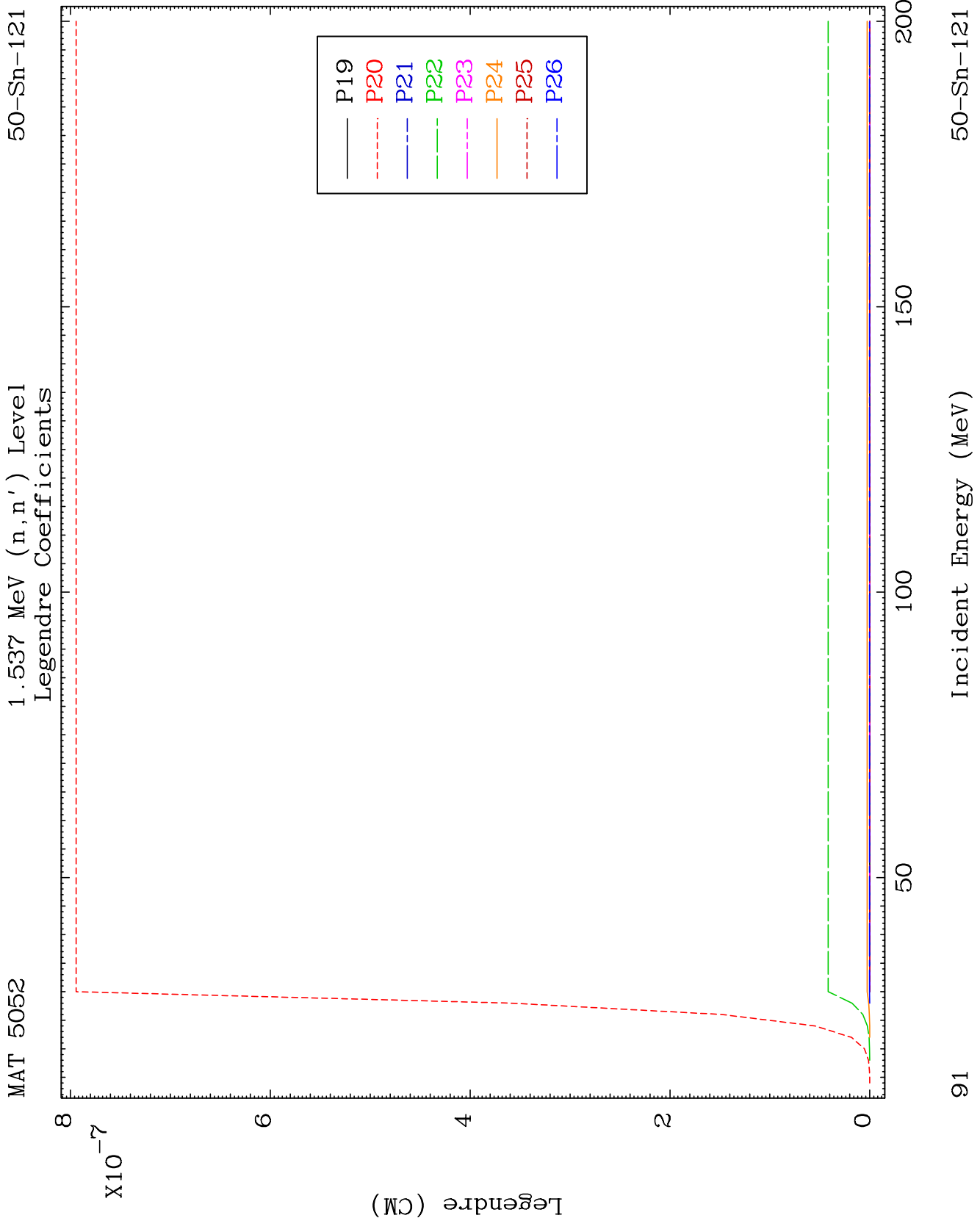
87

Incident Energy (MeV)

50-Sn-121



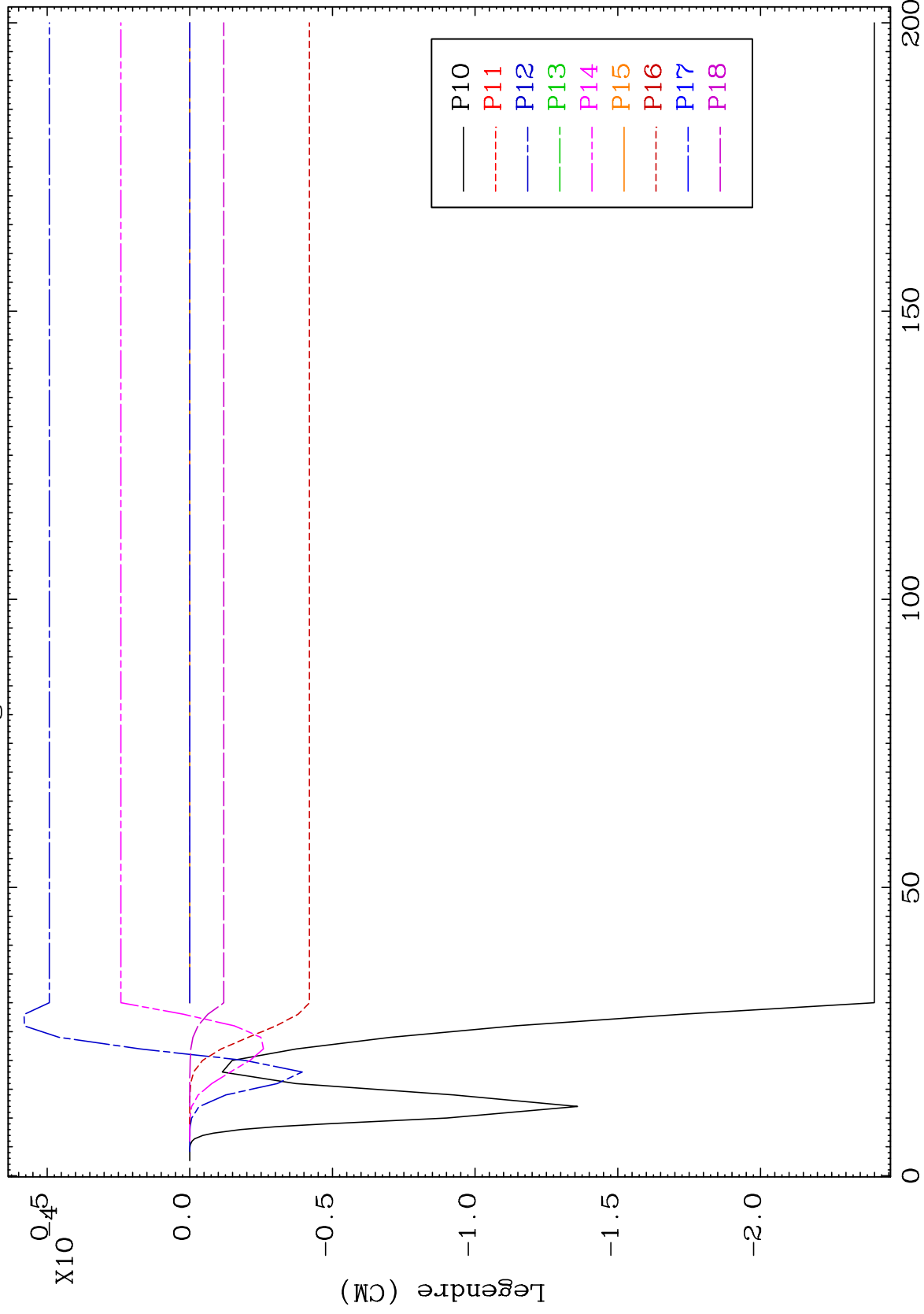




MAT 5052

1.571 MeV (n,n') Level
Legendre Coefficients

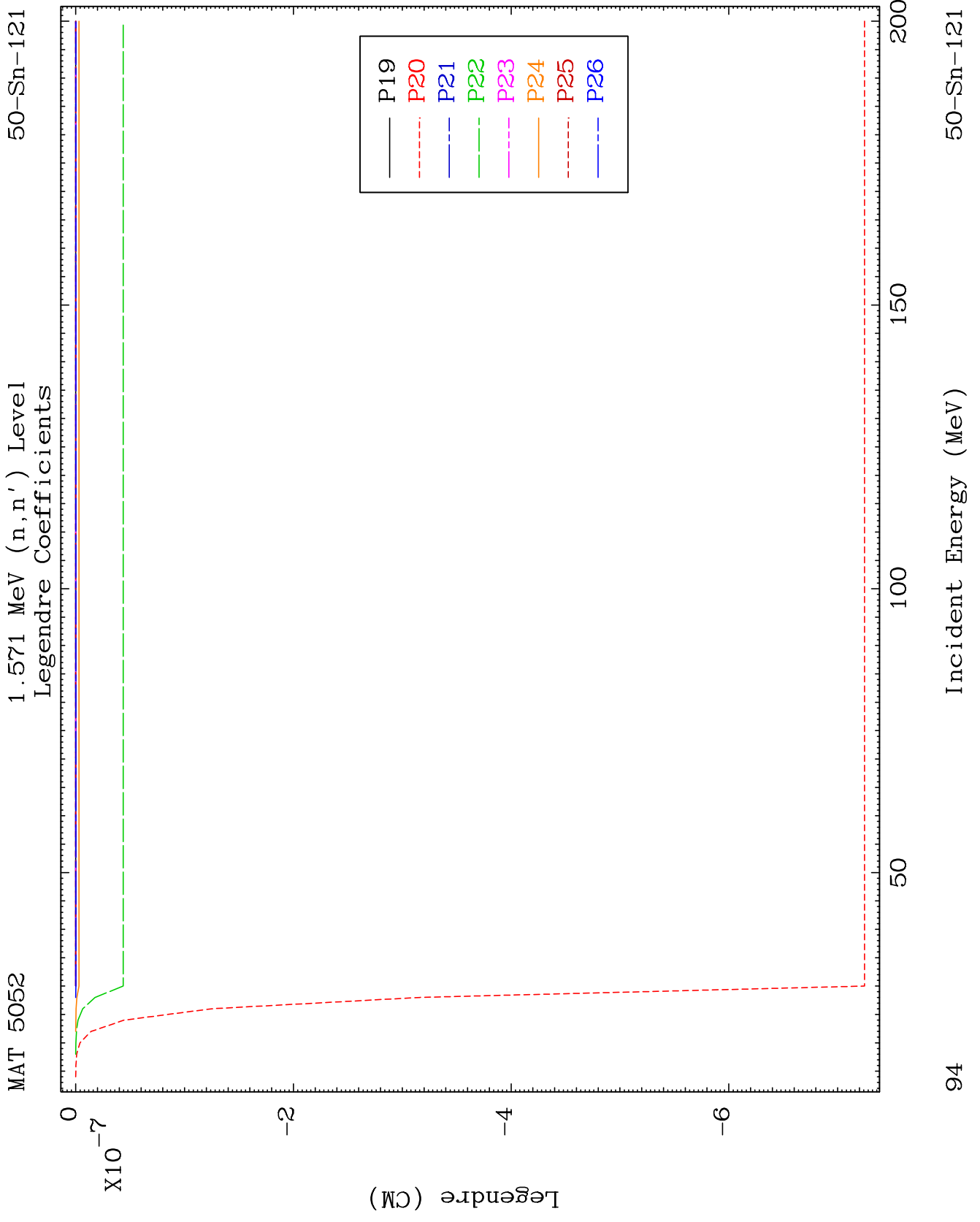
50-Sn-121



93

Incident Energy (MeV)

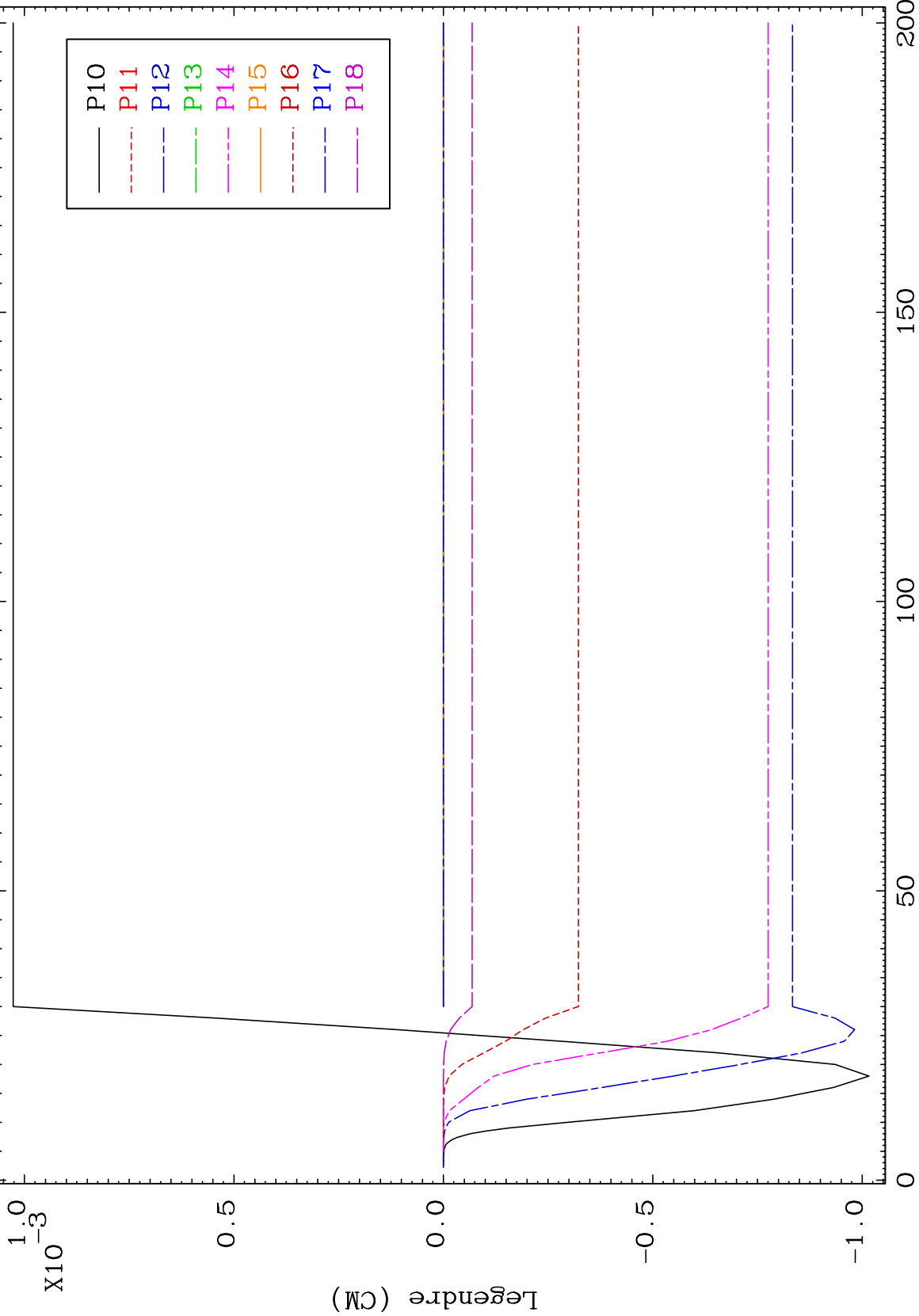
50-Sn-121



MAT 5052

1.653 MeV (n,n') Level
Legendre Coefficients

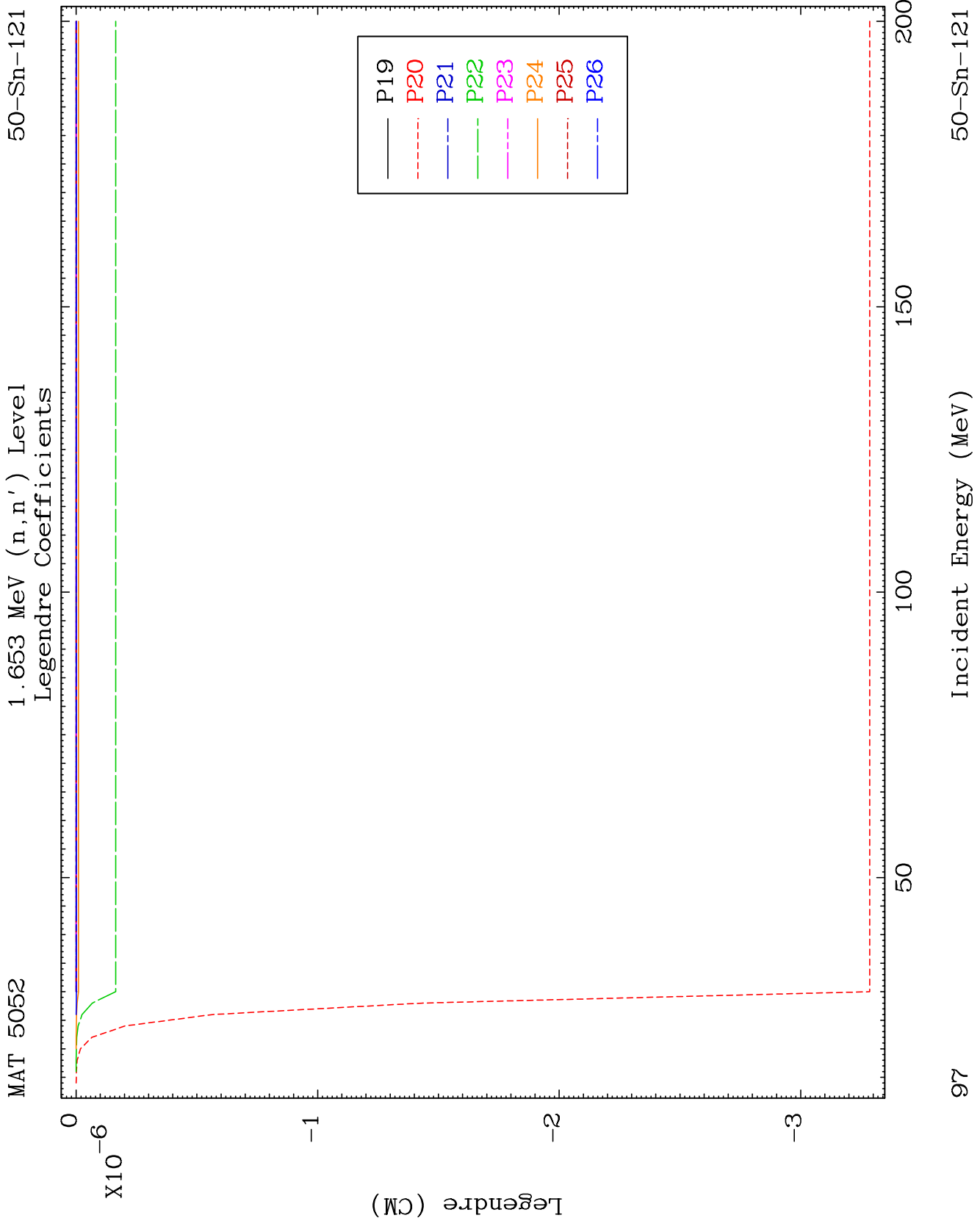
50-Sn-121

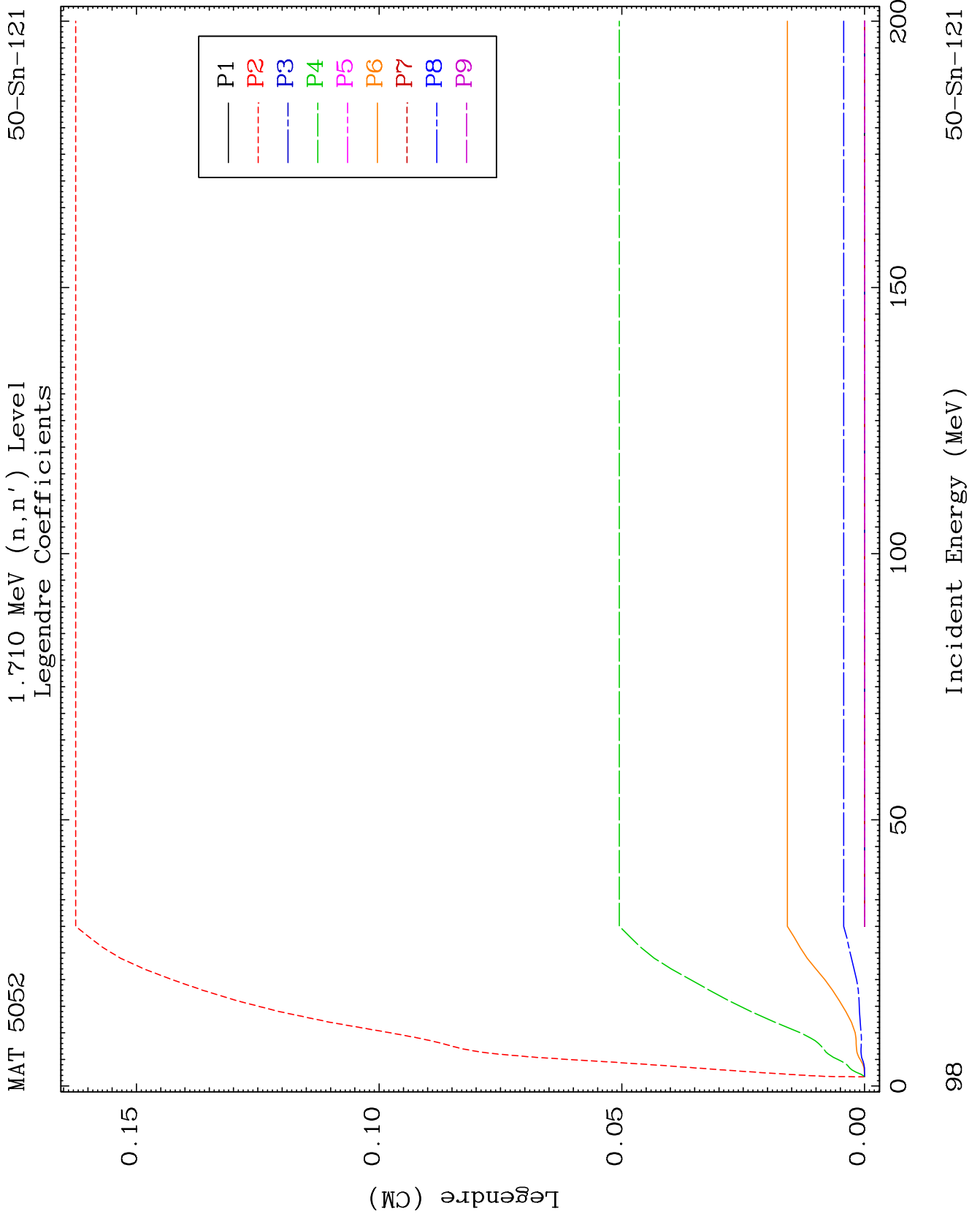


96

Incident Energy (MeV)

50-Sn-121

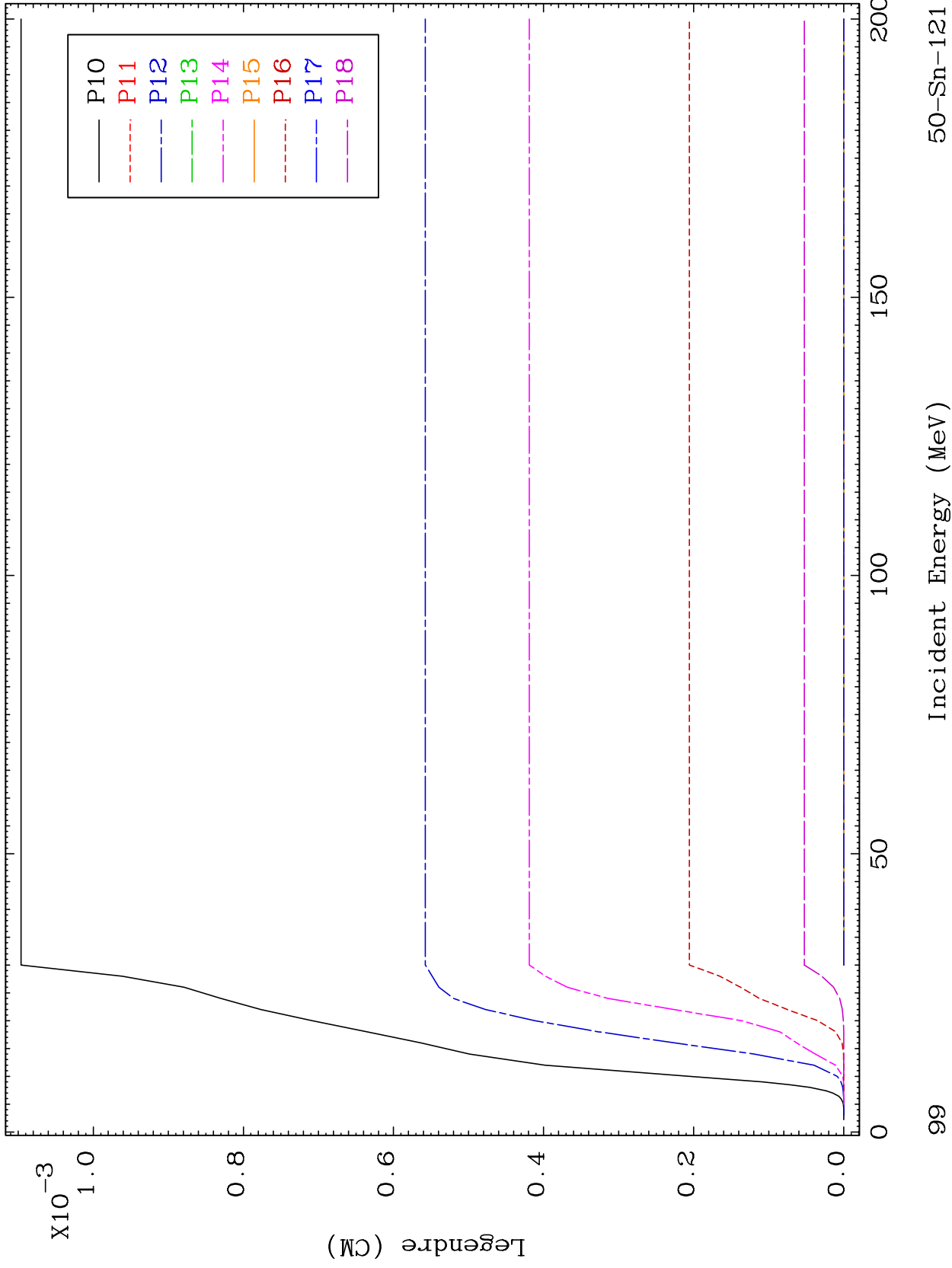




MAT 5052

1.710 MeV (n,n') Level
Legendre Coefficients

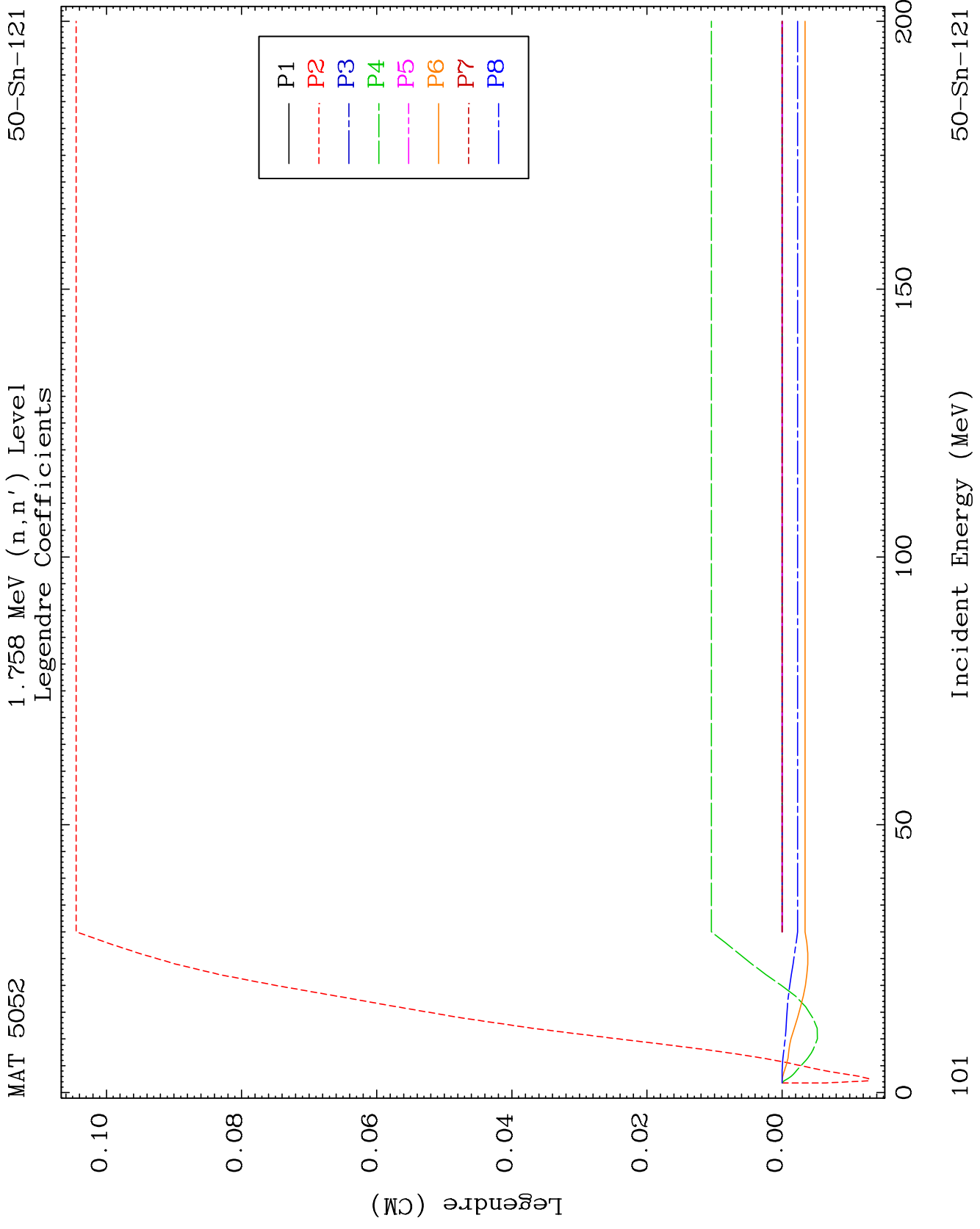
50-Sn-121

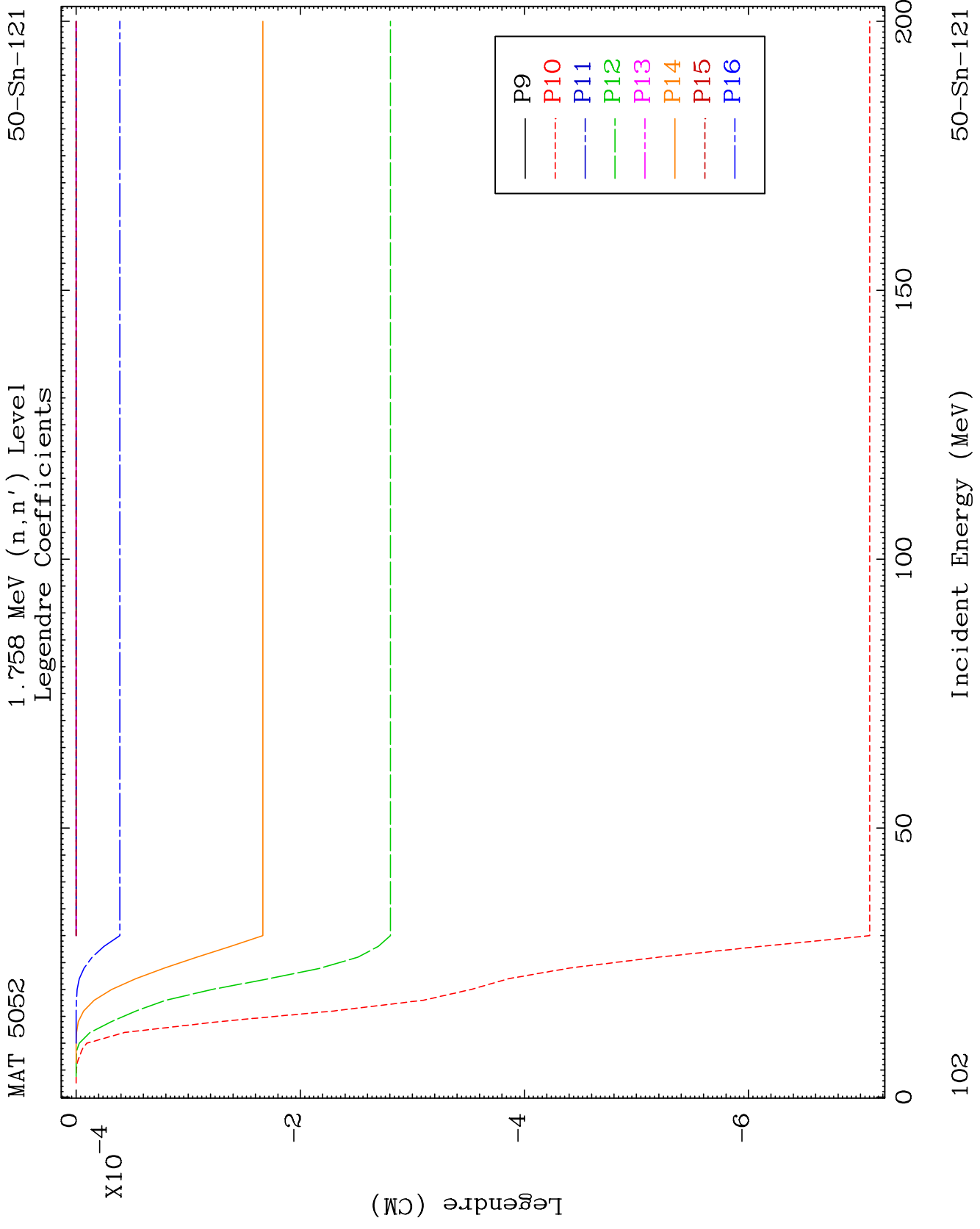


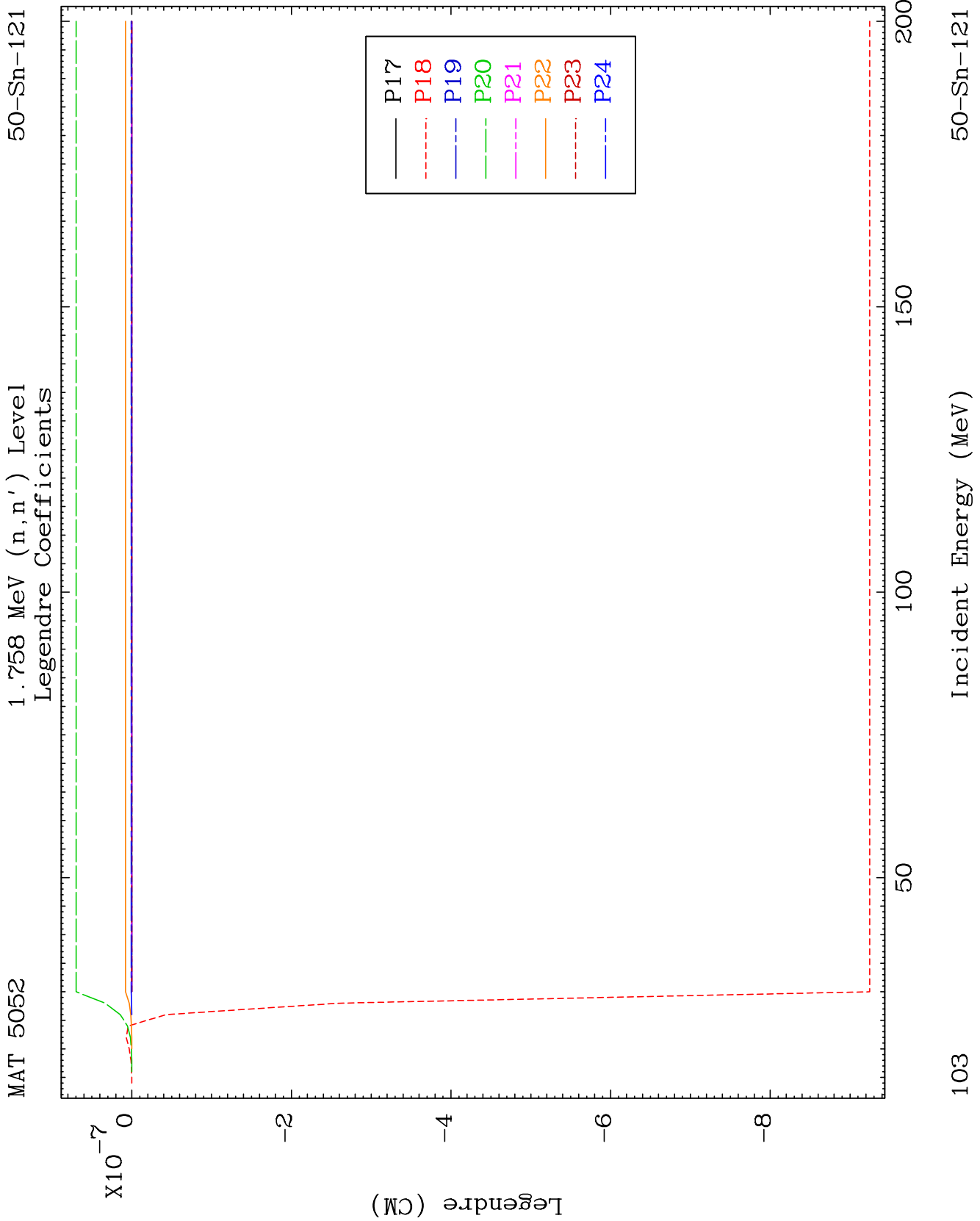
99

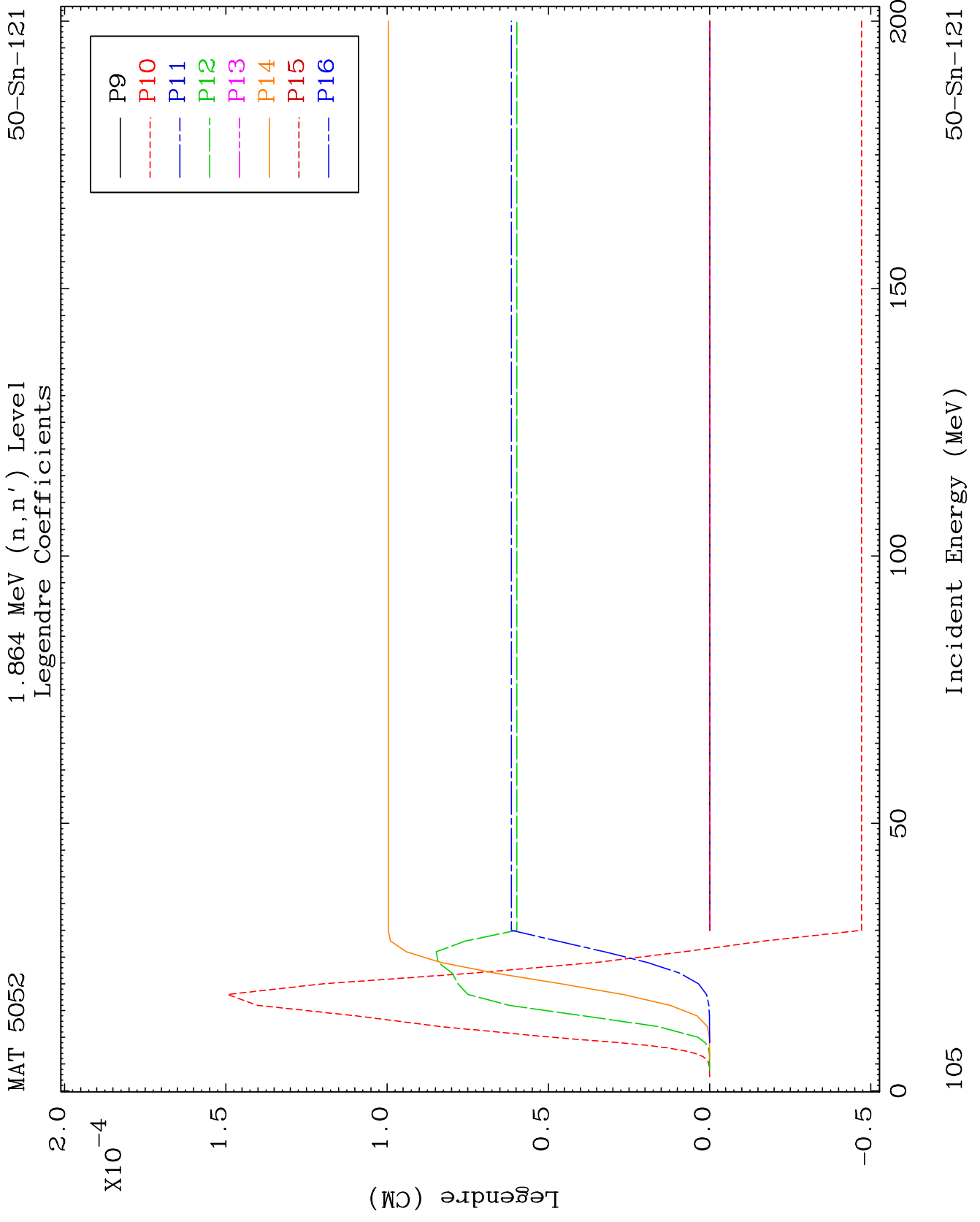
Incident Energy (MeV)

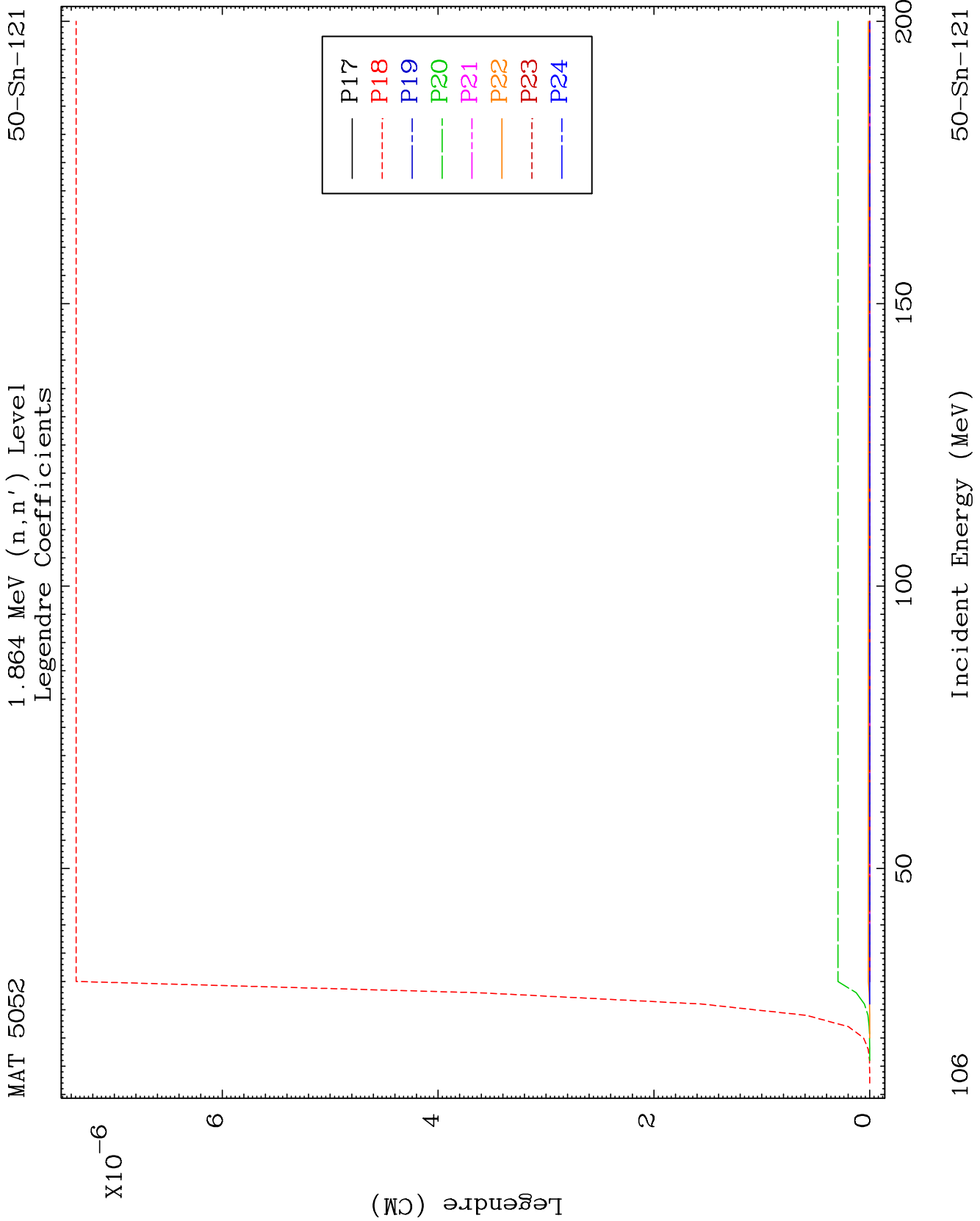
50-Sn-121

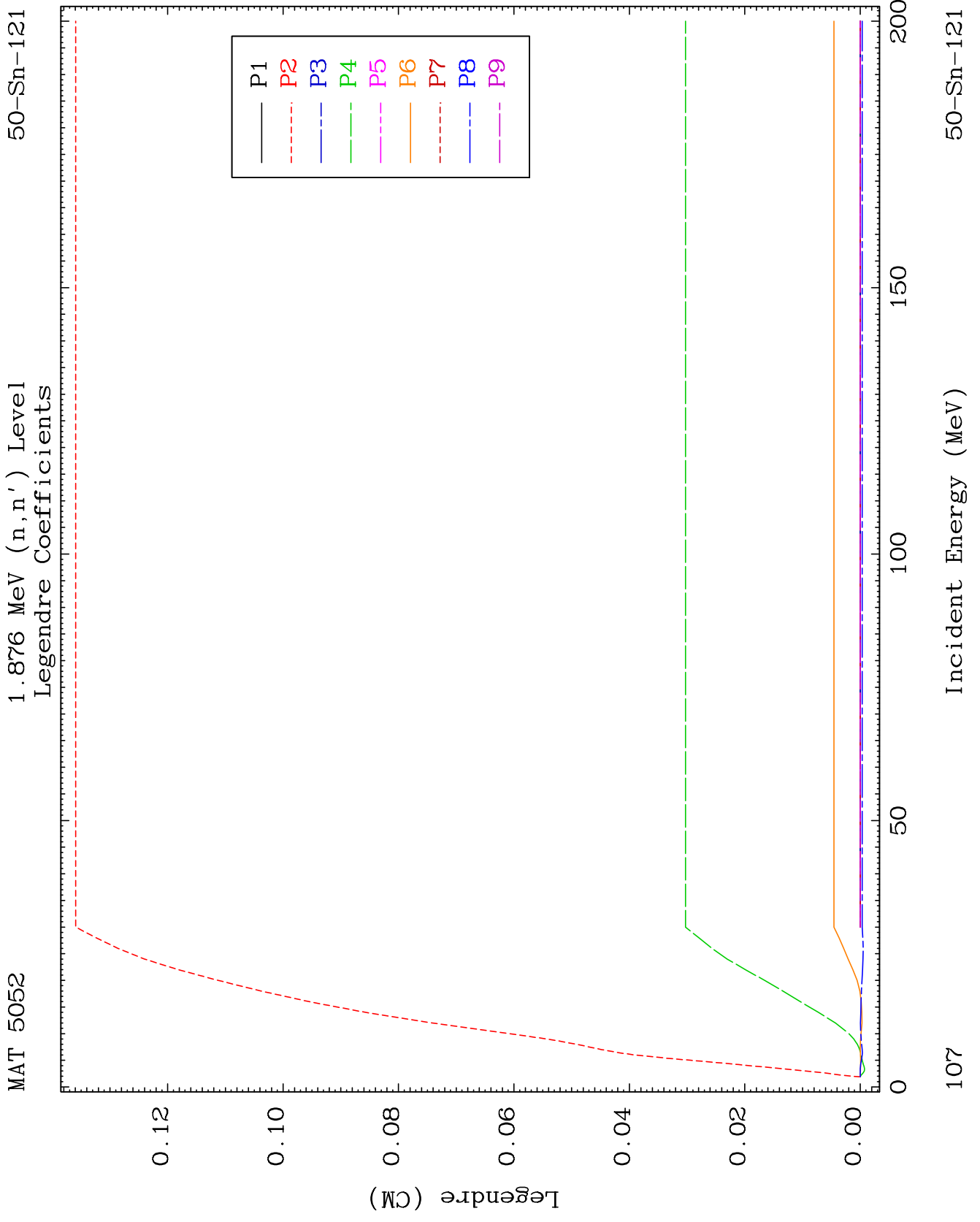


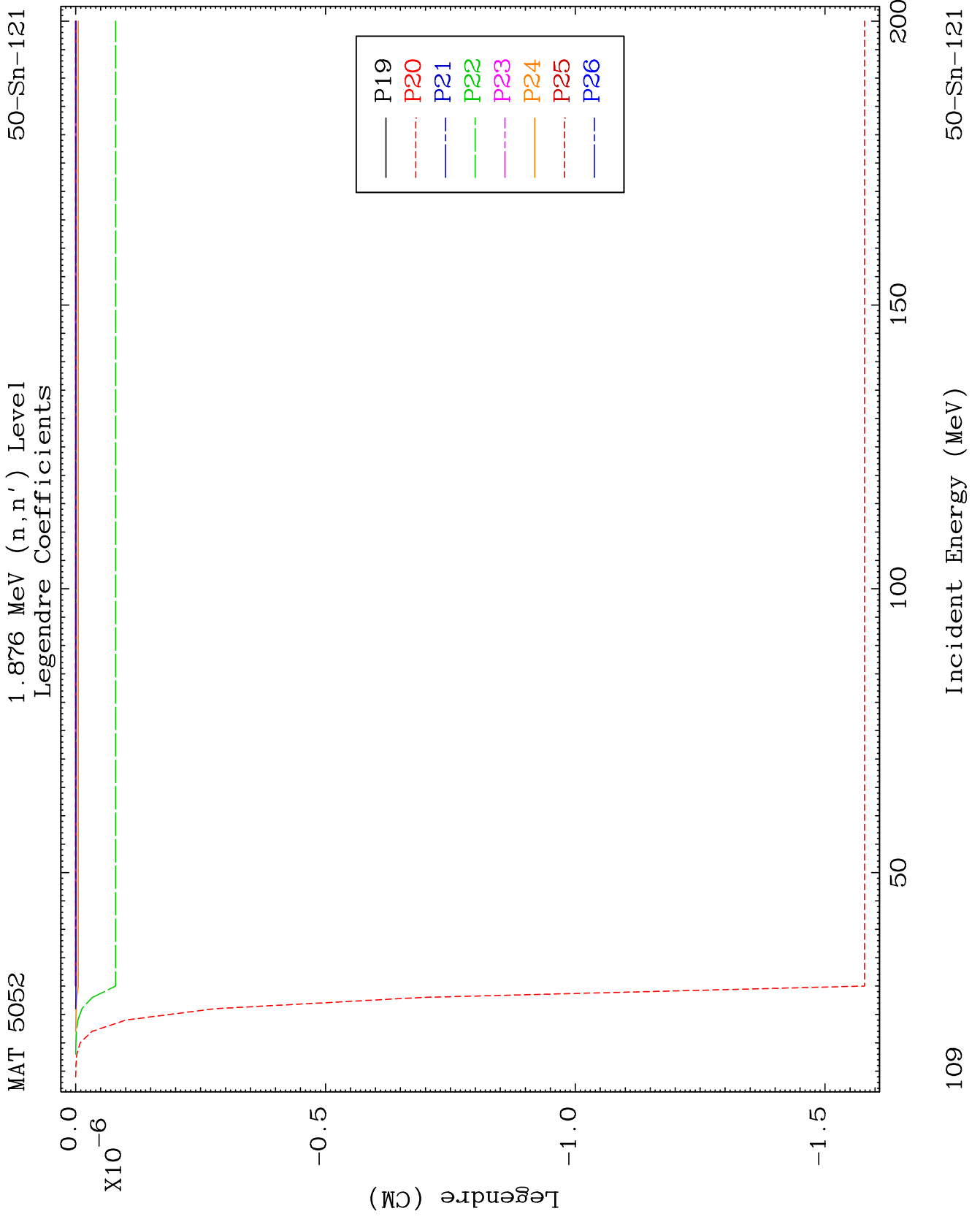


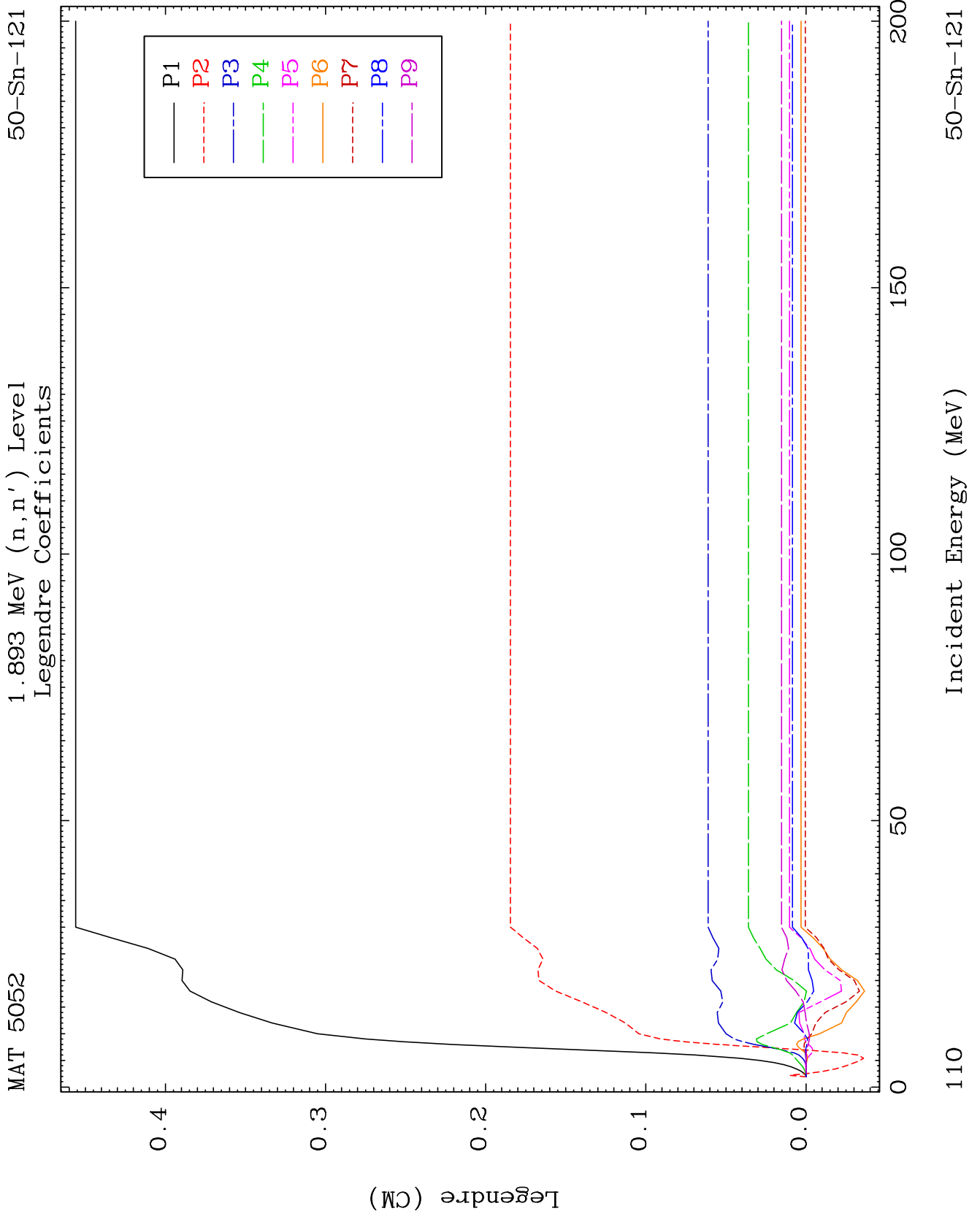








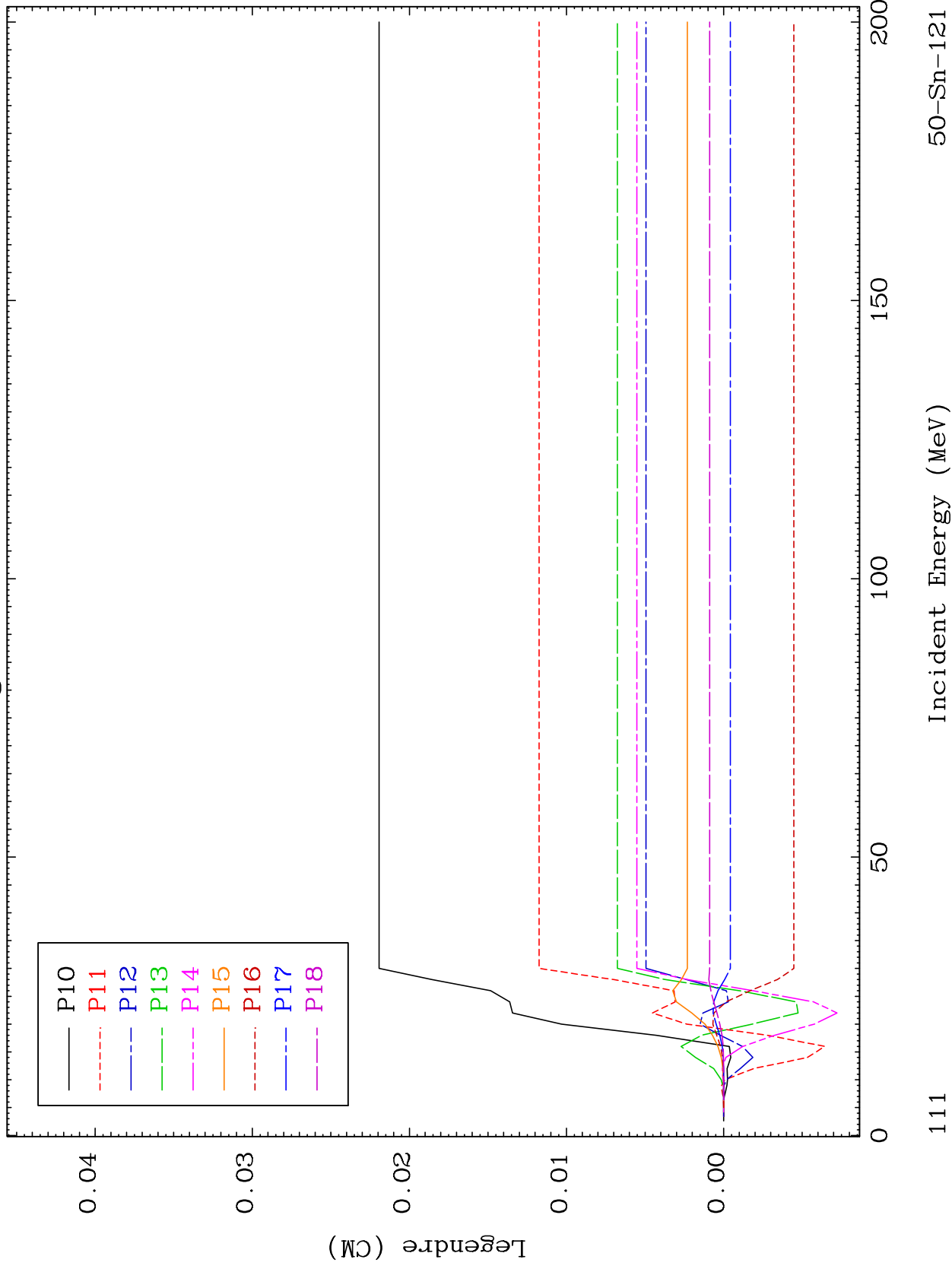




MAT 5052

1.893 MeV (n,n') Level
Legendre Coefficients

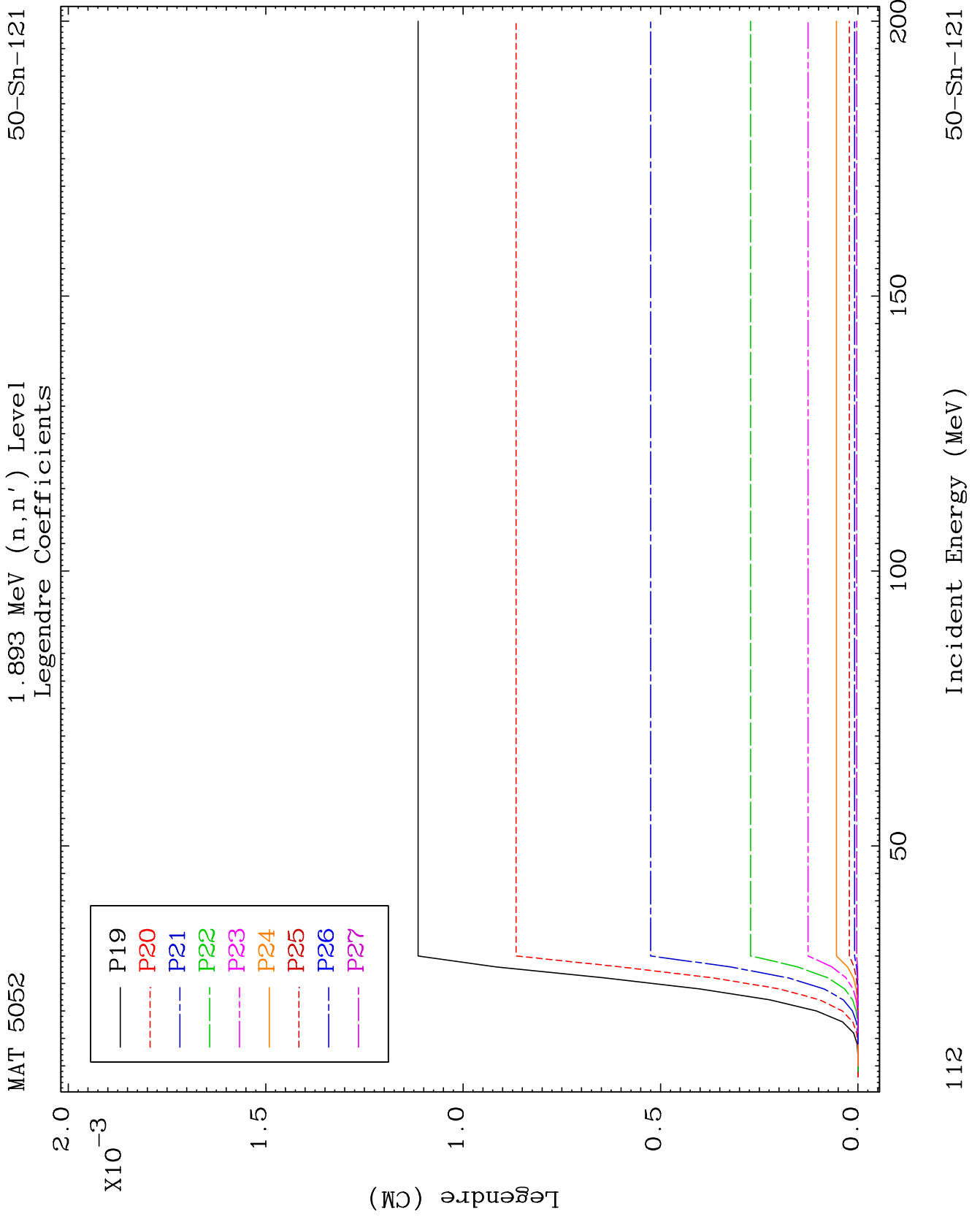
50-Sn-121

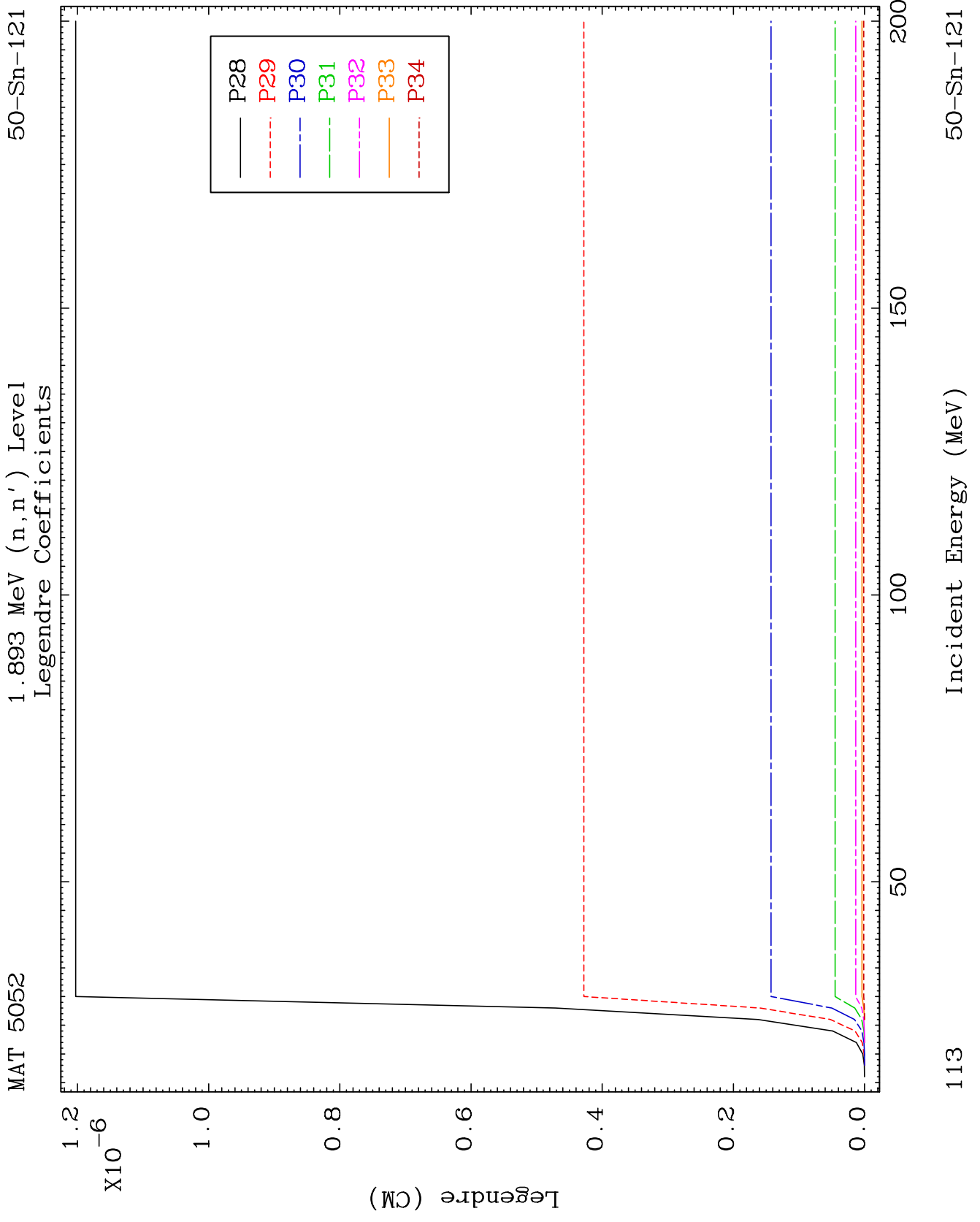


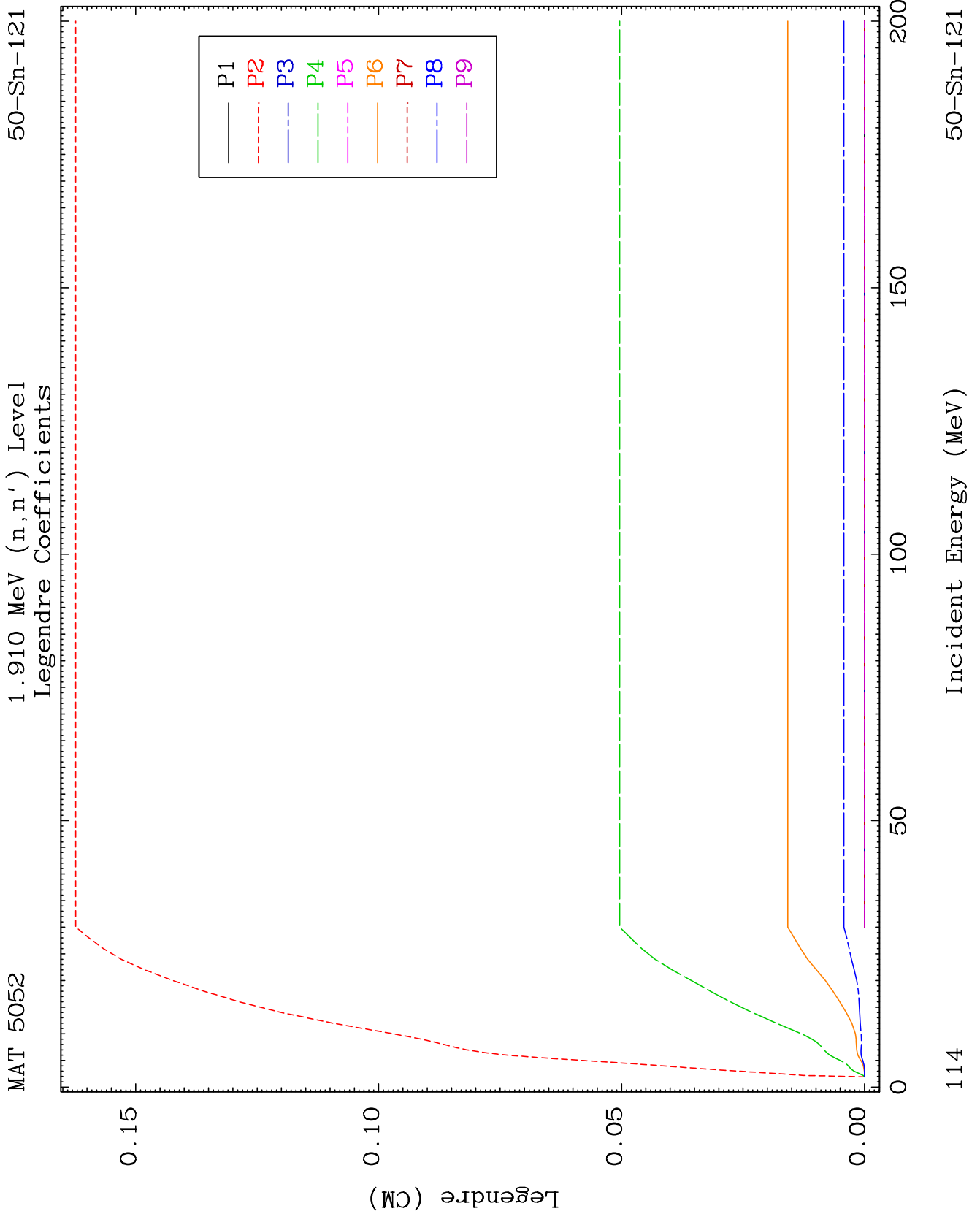
111

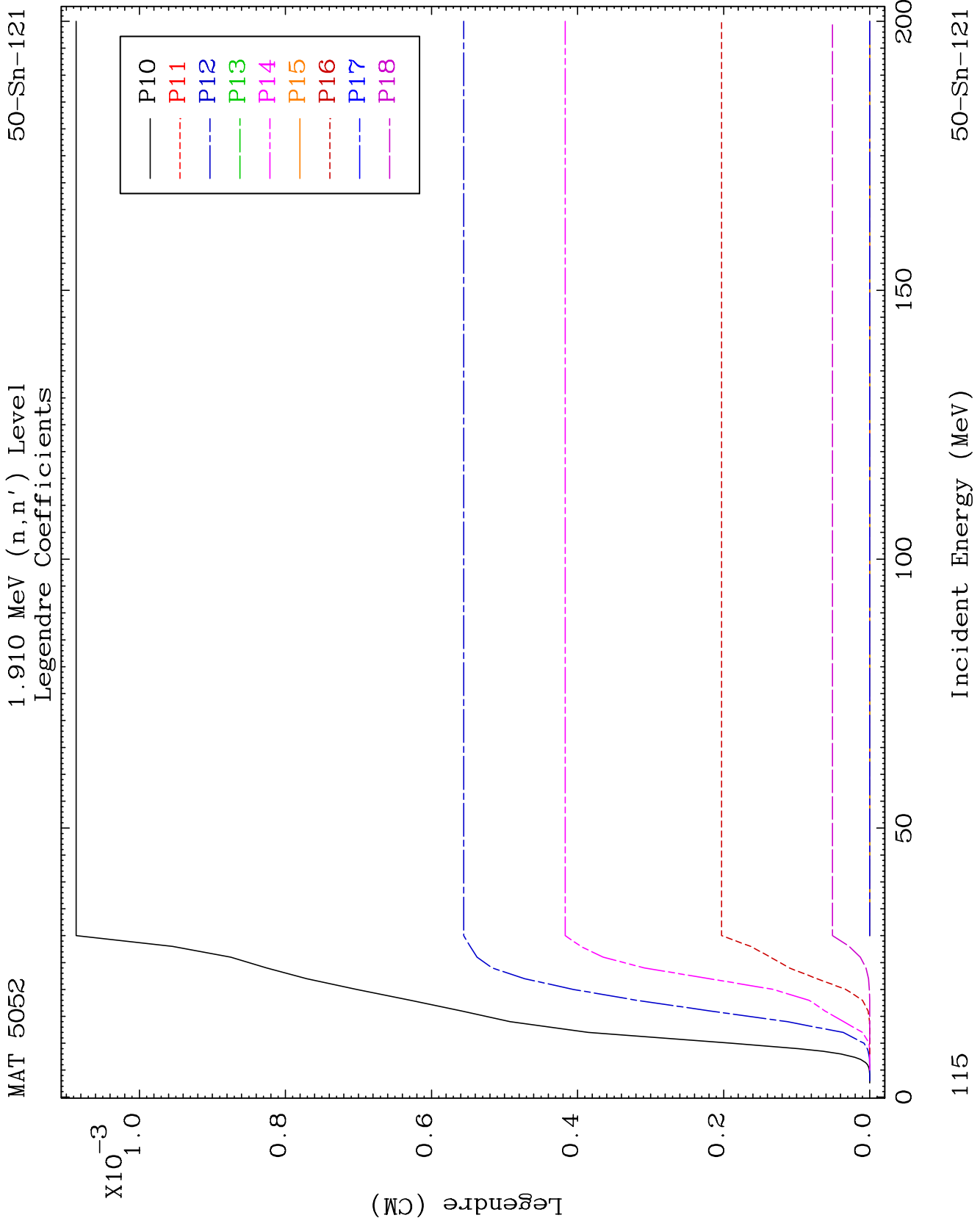
Incident Energy (MeV)

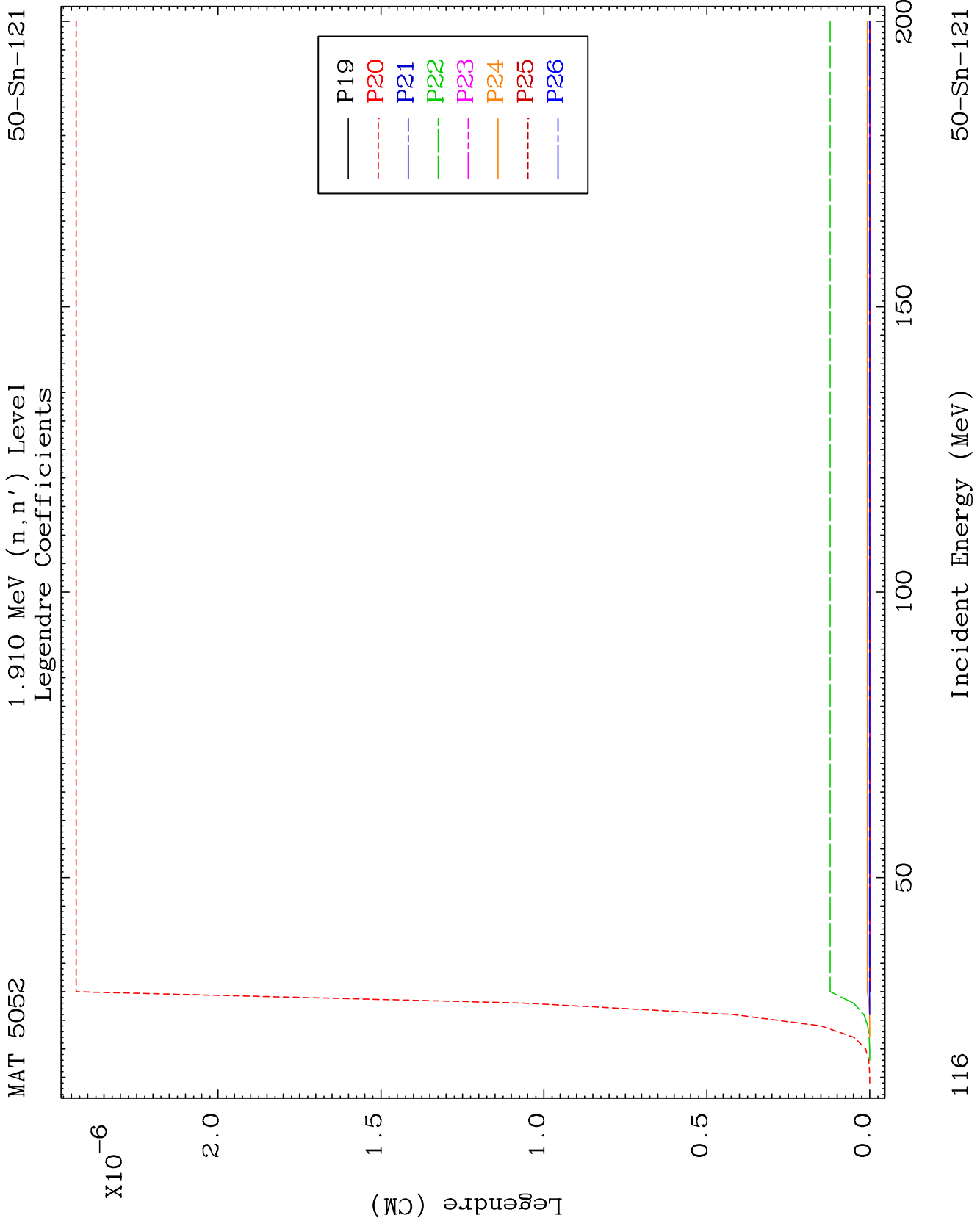
50-Sn-121

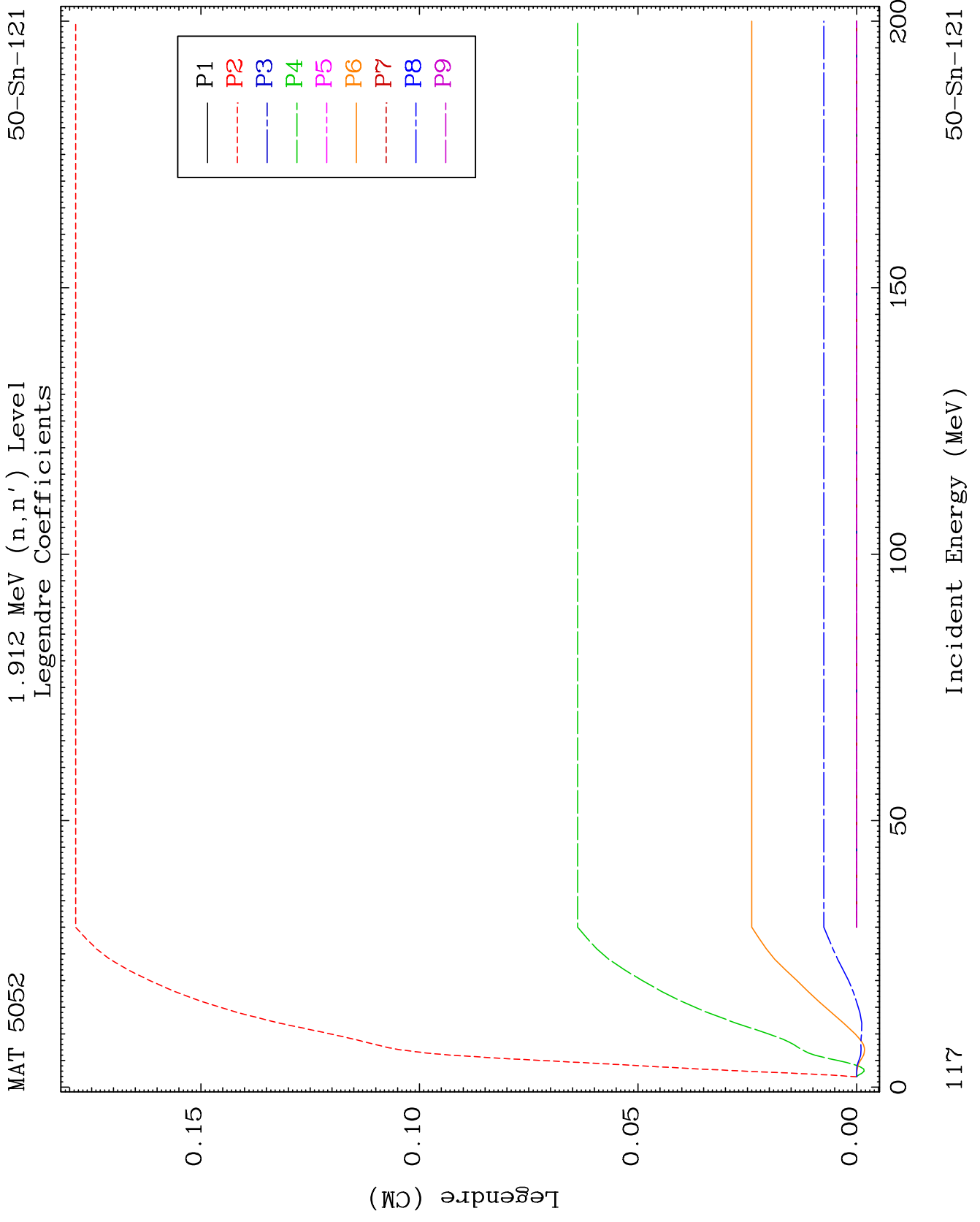


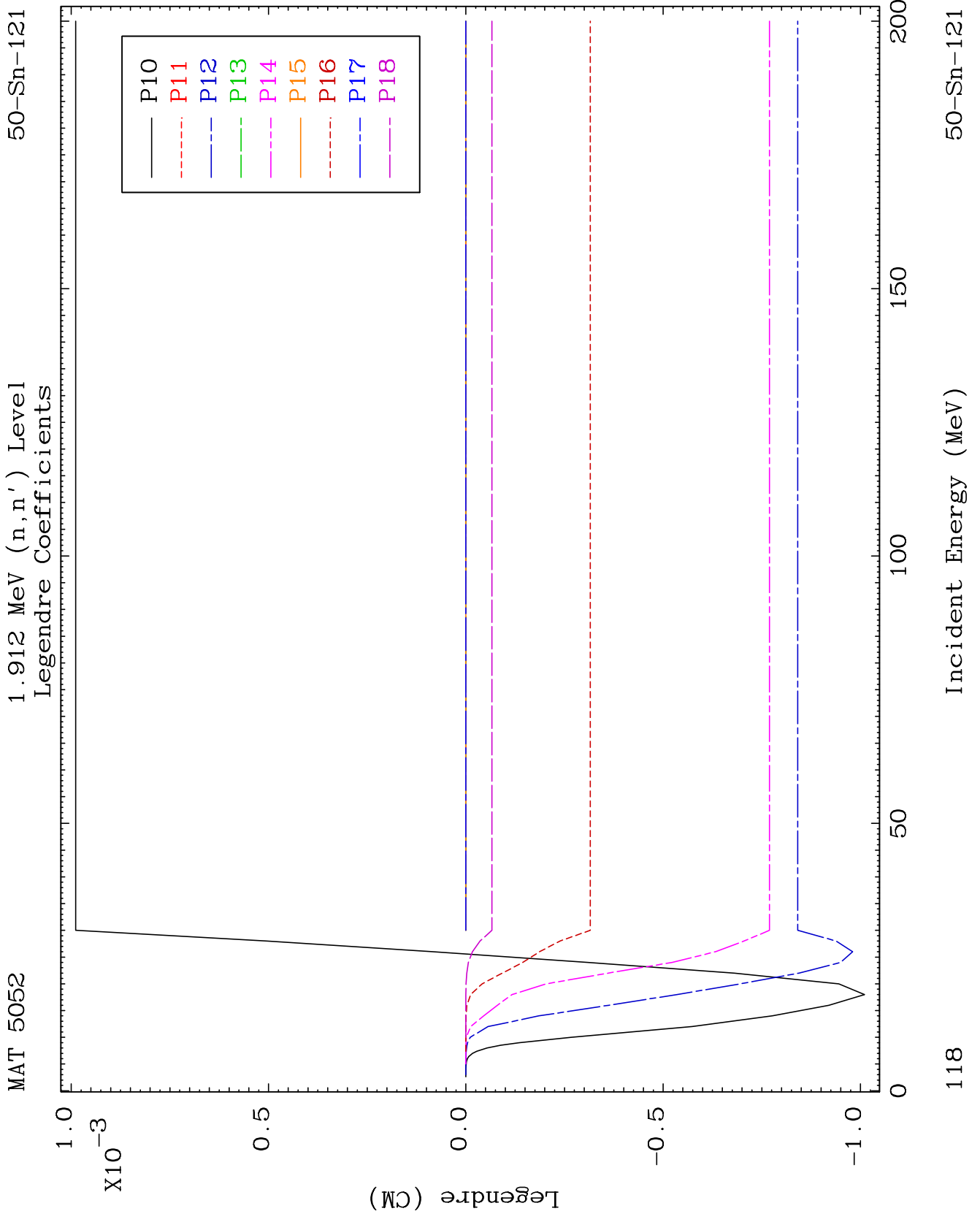


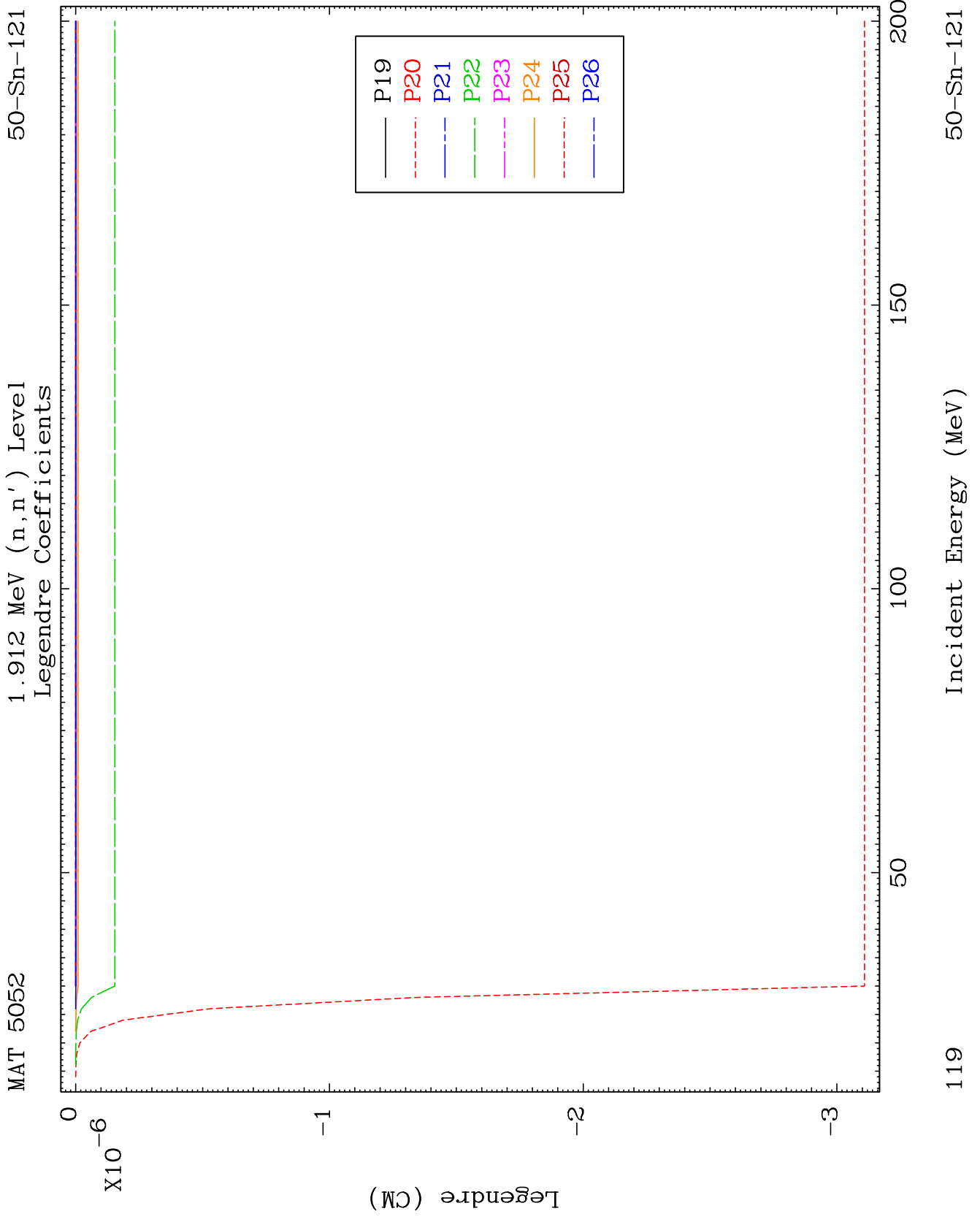








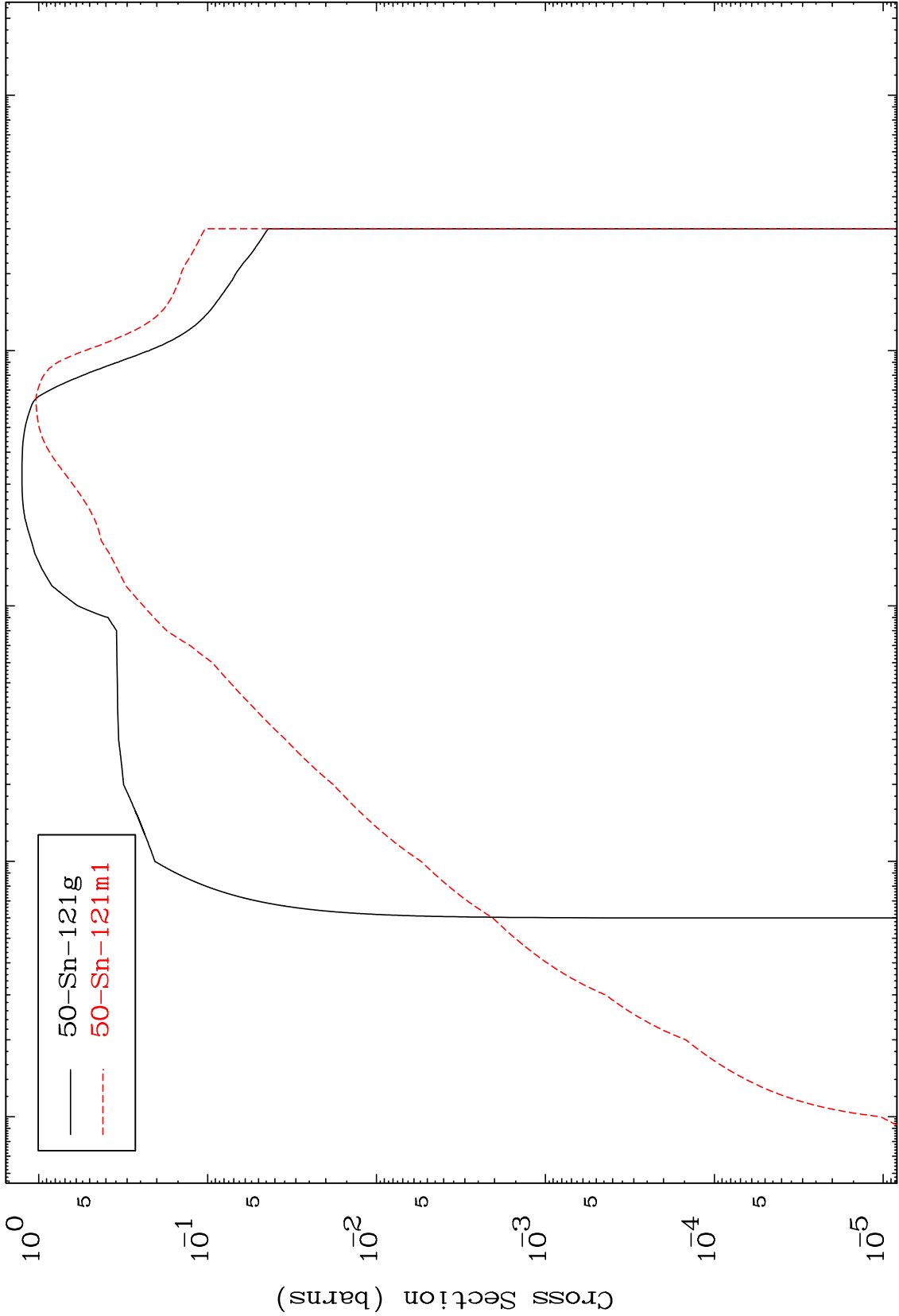




MAT 5052

50-Sn-121

Inelastic
Radionuclide Production Cross Section



50-Sn-121g
50-Sn-121m1

50-Sn-121

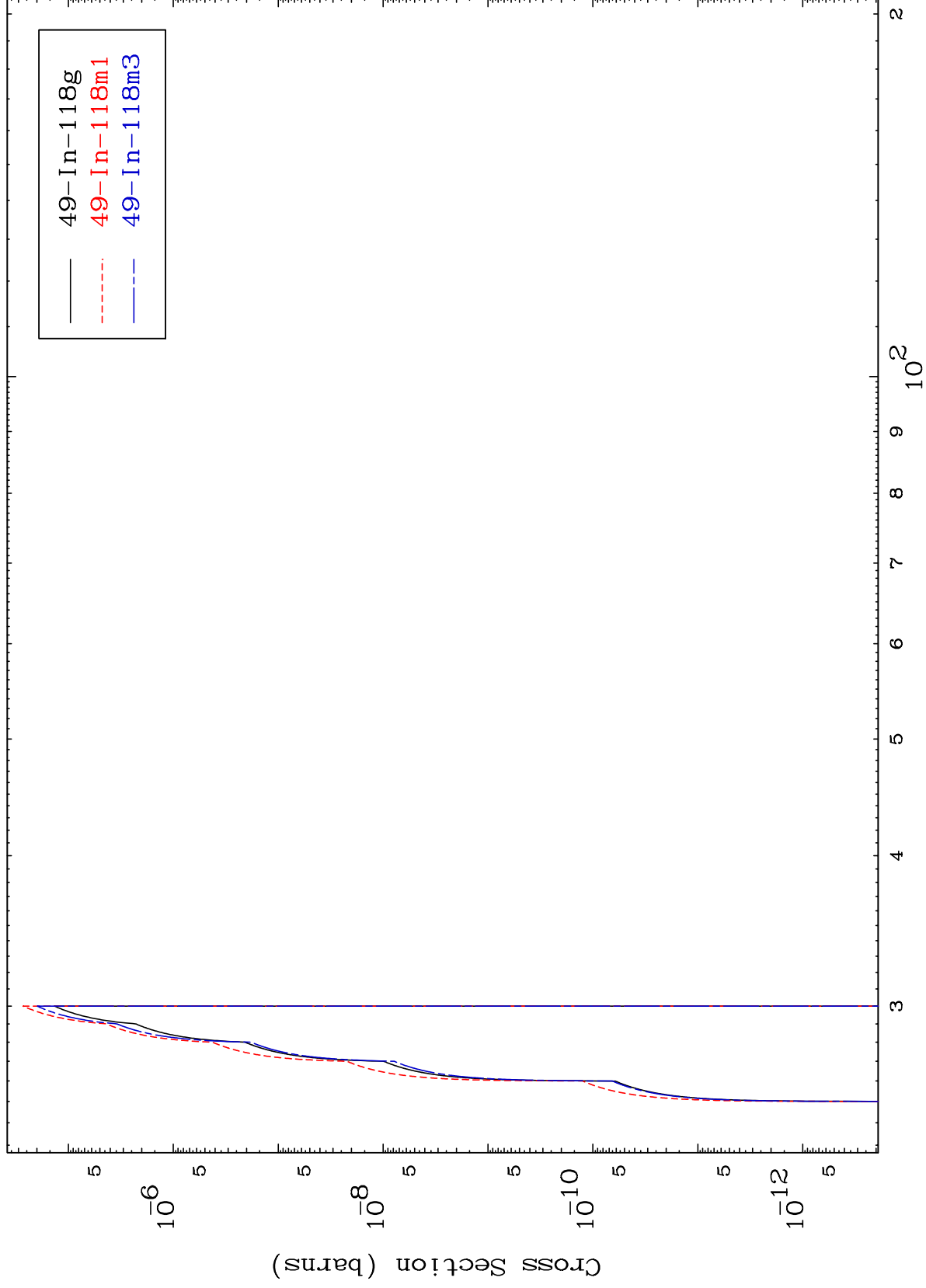
Incident Energy (MeV)

120

MAT 5052

50-Sn-121

(n,2n) d
Radionuclide Production Cross Section



121

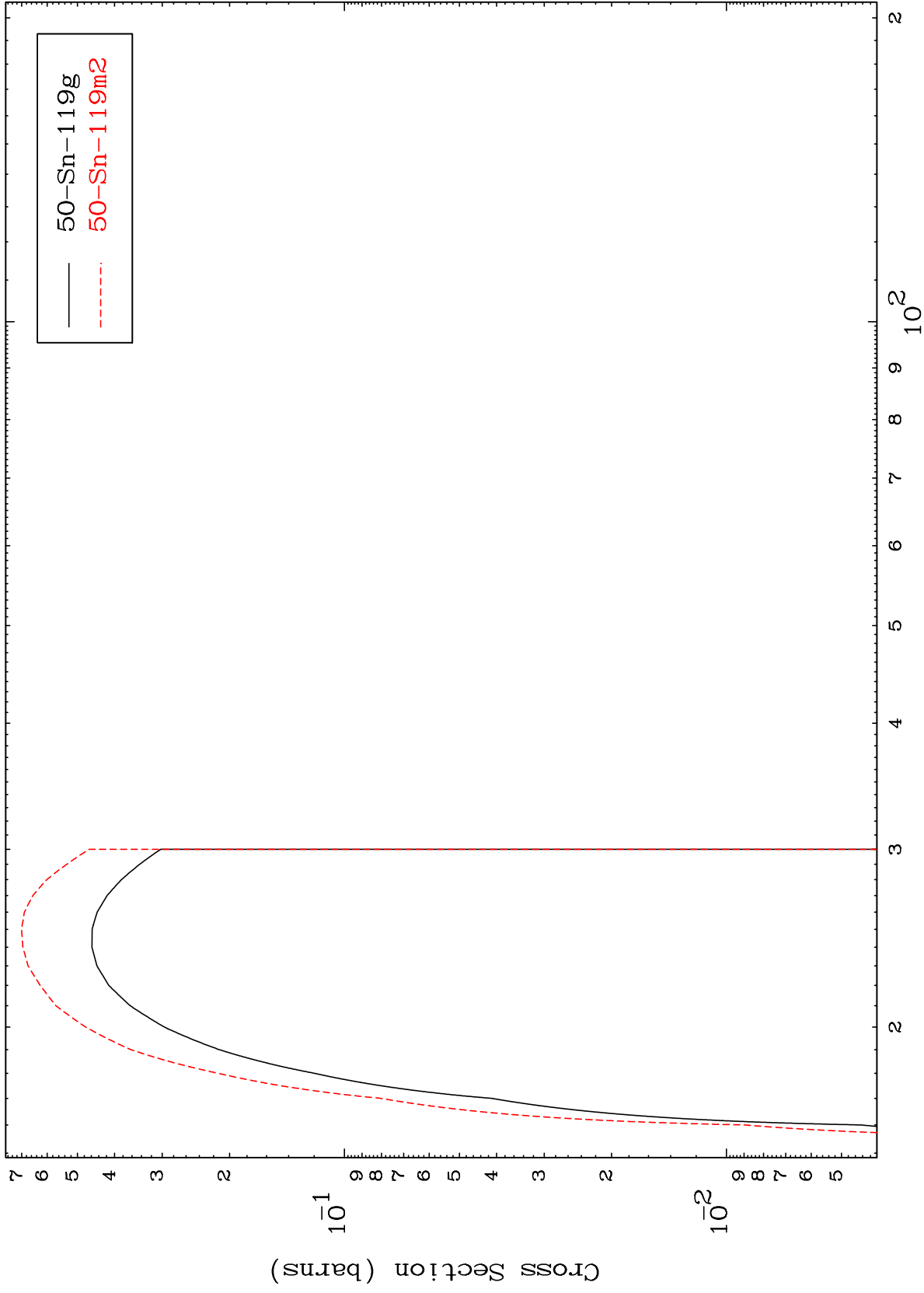
50-Sn-121

Incident Energy (MeV)

MAT 5052

50-Sn-121

(n,3n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

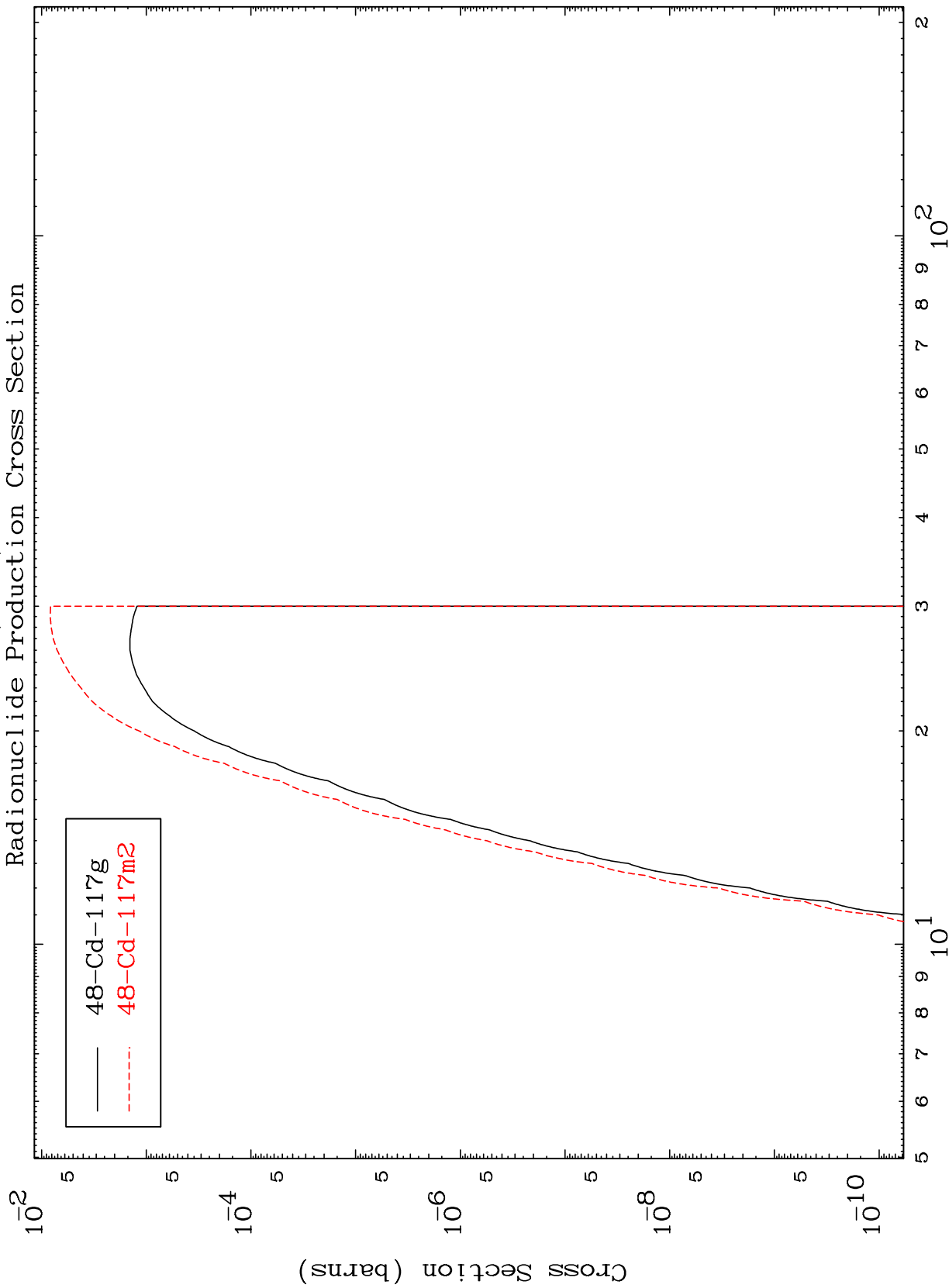
50-Sn-121

MAT 5052

50-Sn-121

(n,n') α

Radionuclide Production Cross Section



50-Sn-121

Incident Energy (MeV)

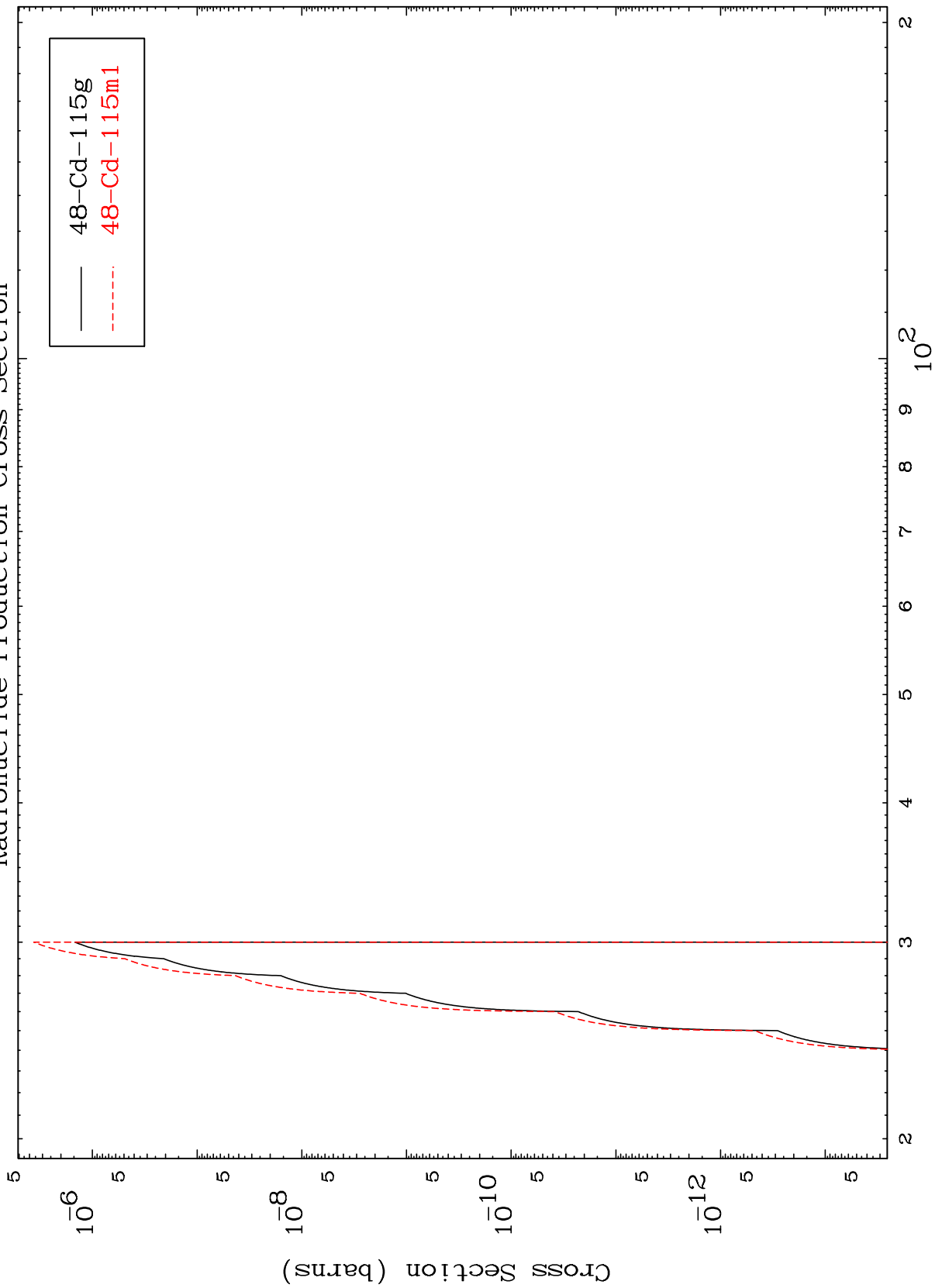
123

MAT 5052

(n,3n) α

50-Sn-121

Radionuclide Production Cross Section

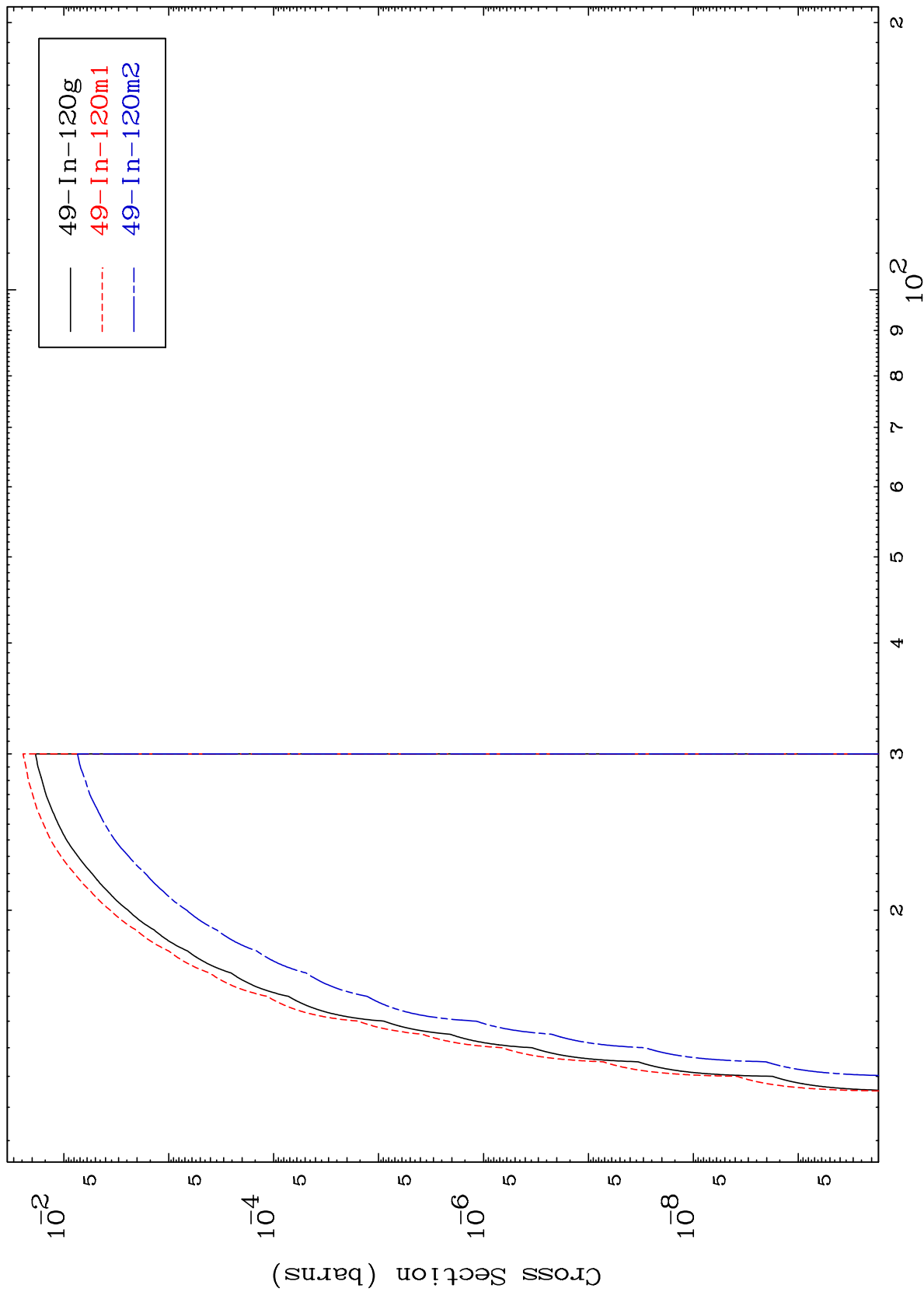


124

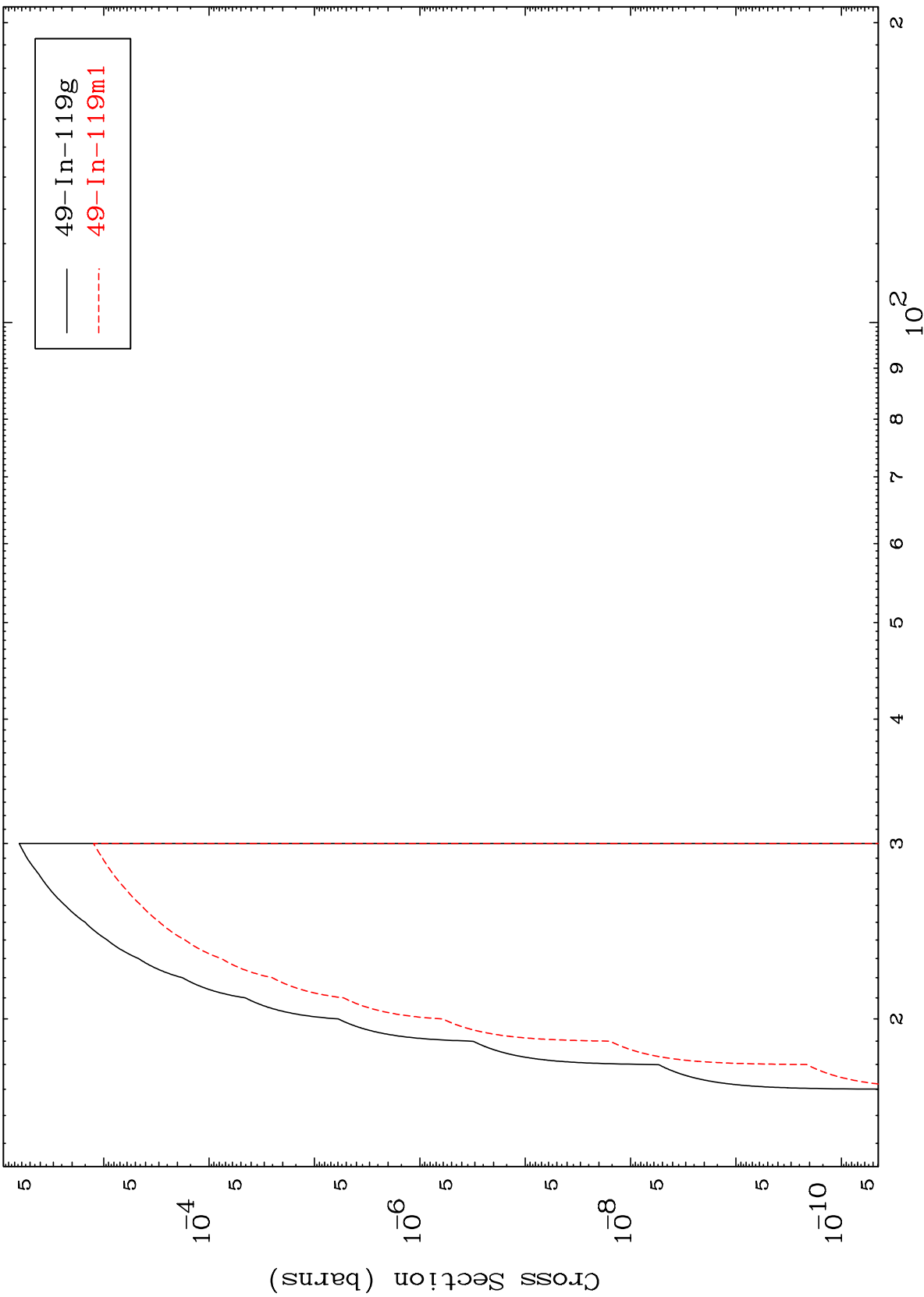
Incident Energy (MeV)

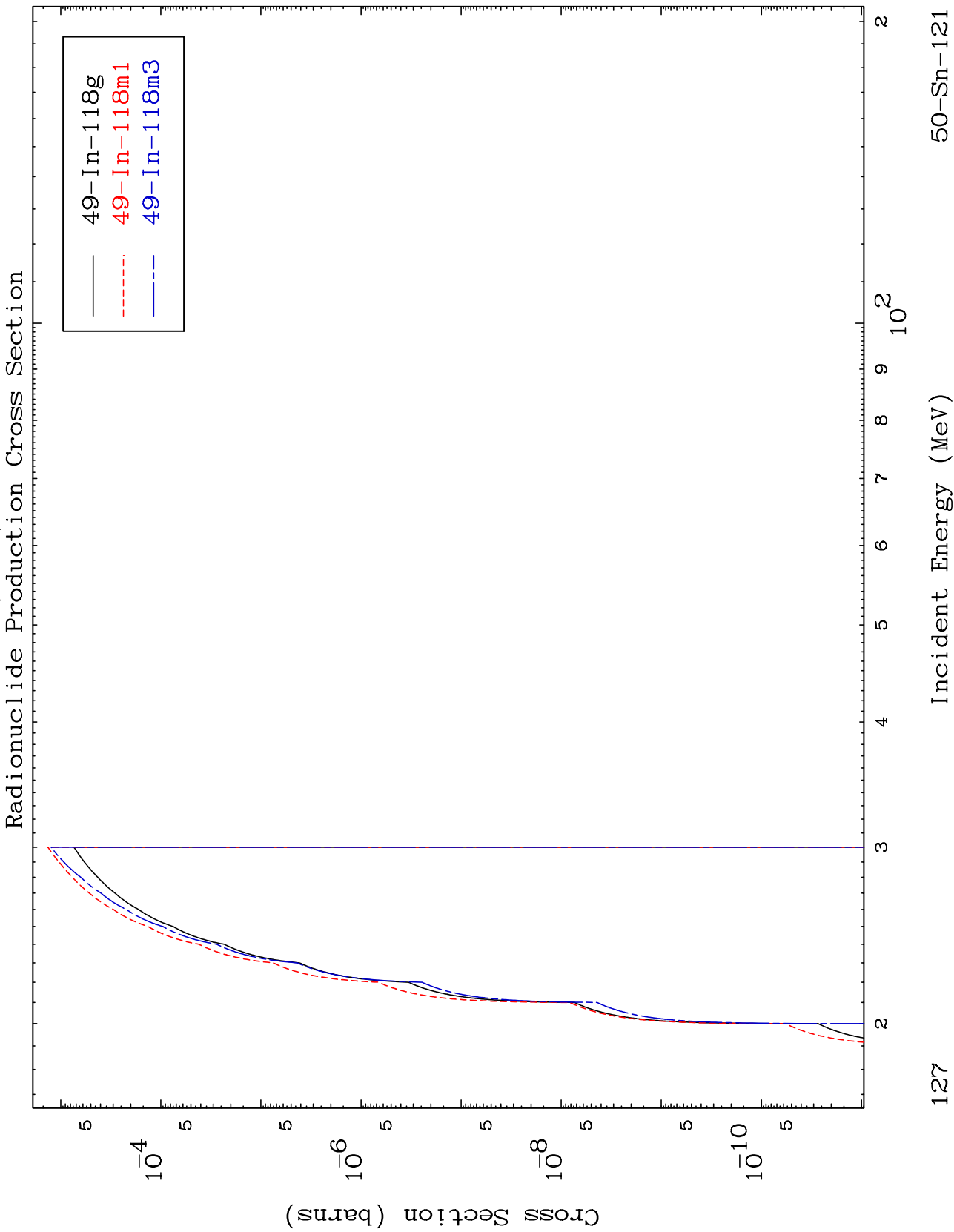
50-Sn-121

Radionuclide Production Cross Section

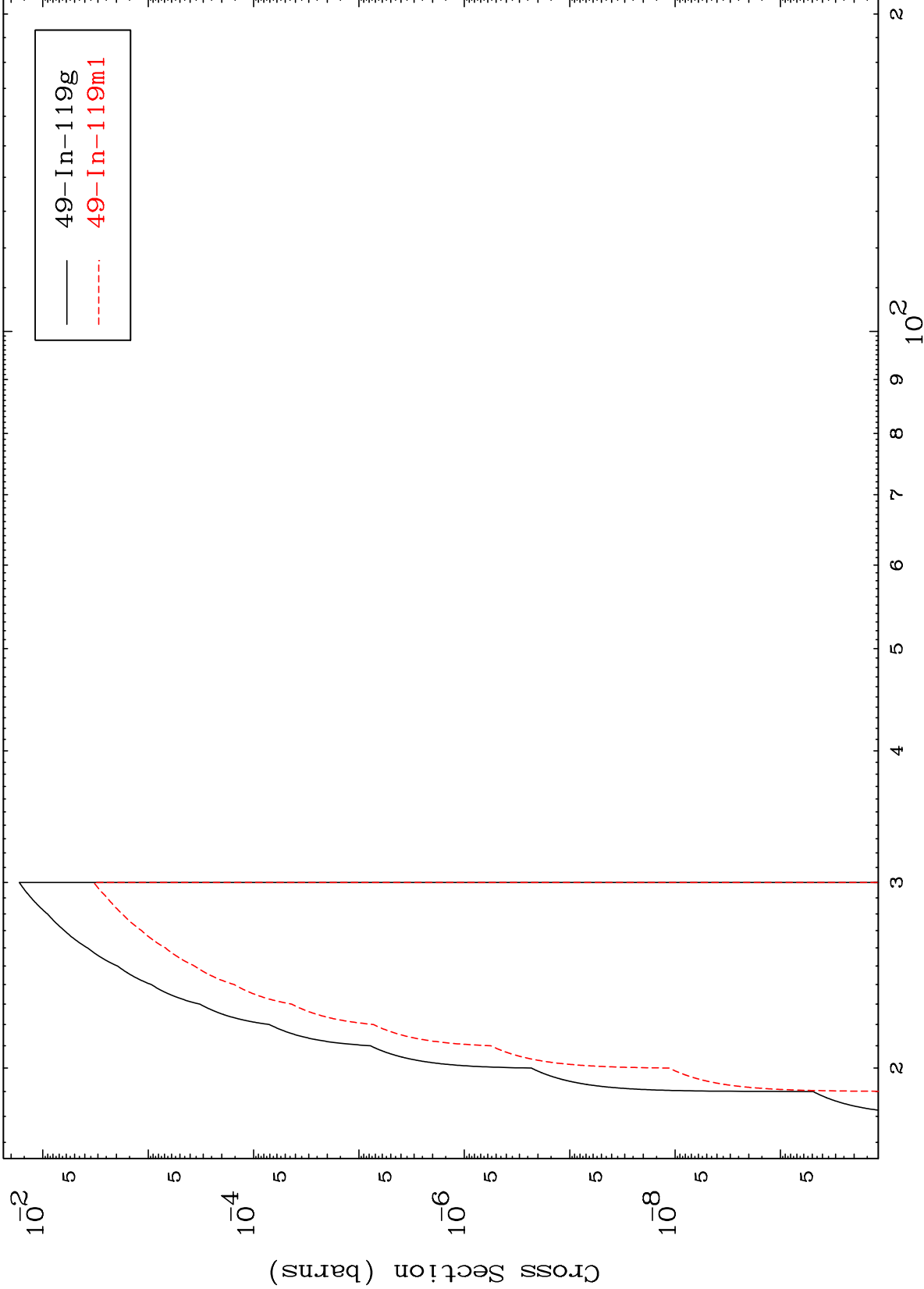


Radionuclide Production Cross Section



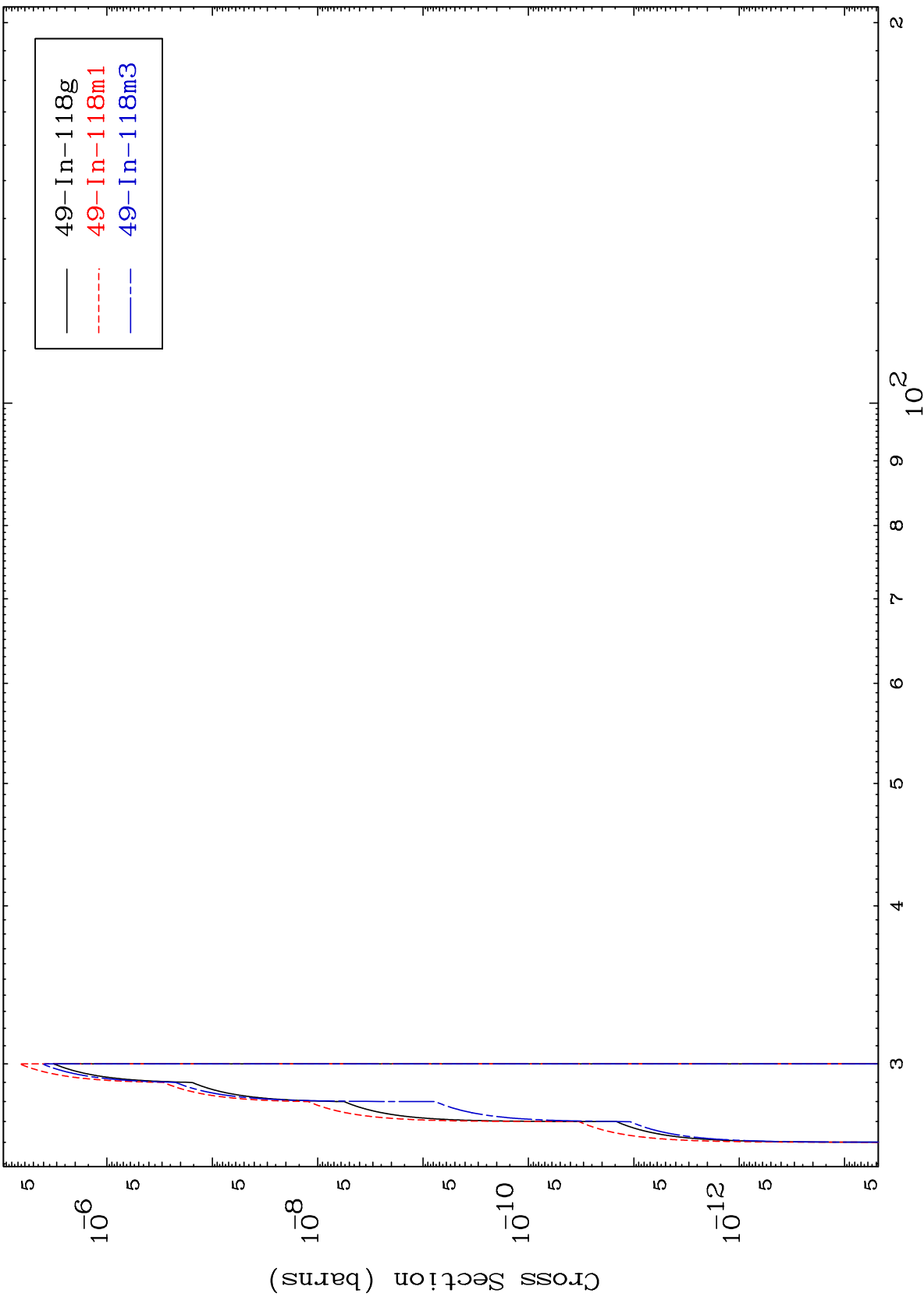


Radionuclide Production Cross Section



49-In-119g
49-In-119m1

Radionuclide Production Cross Section

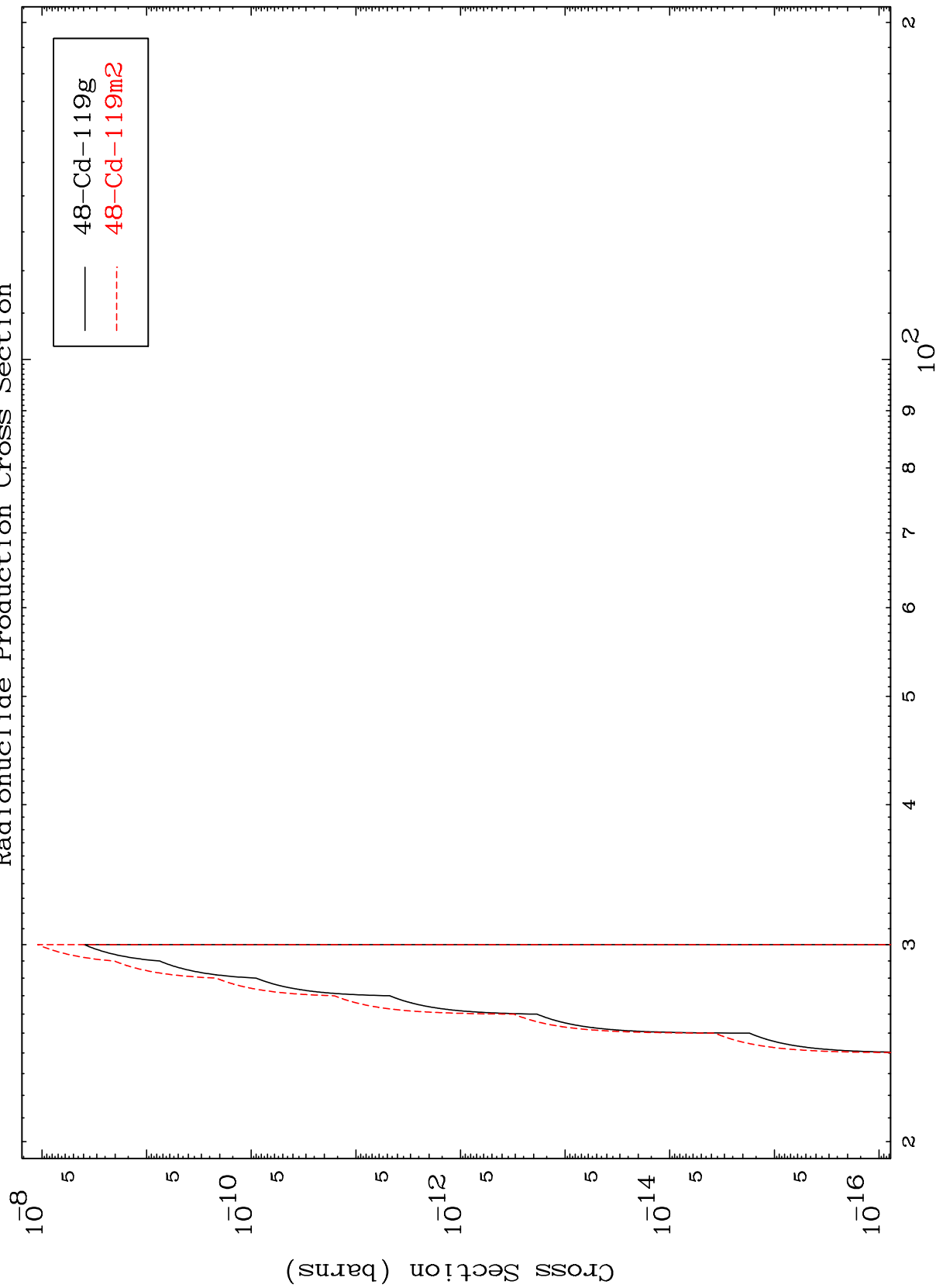


MAT 5052

(n,2n) p

50-Sn-121

Radionuclide Production Cross Section



130

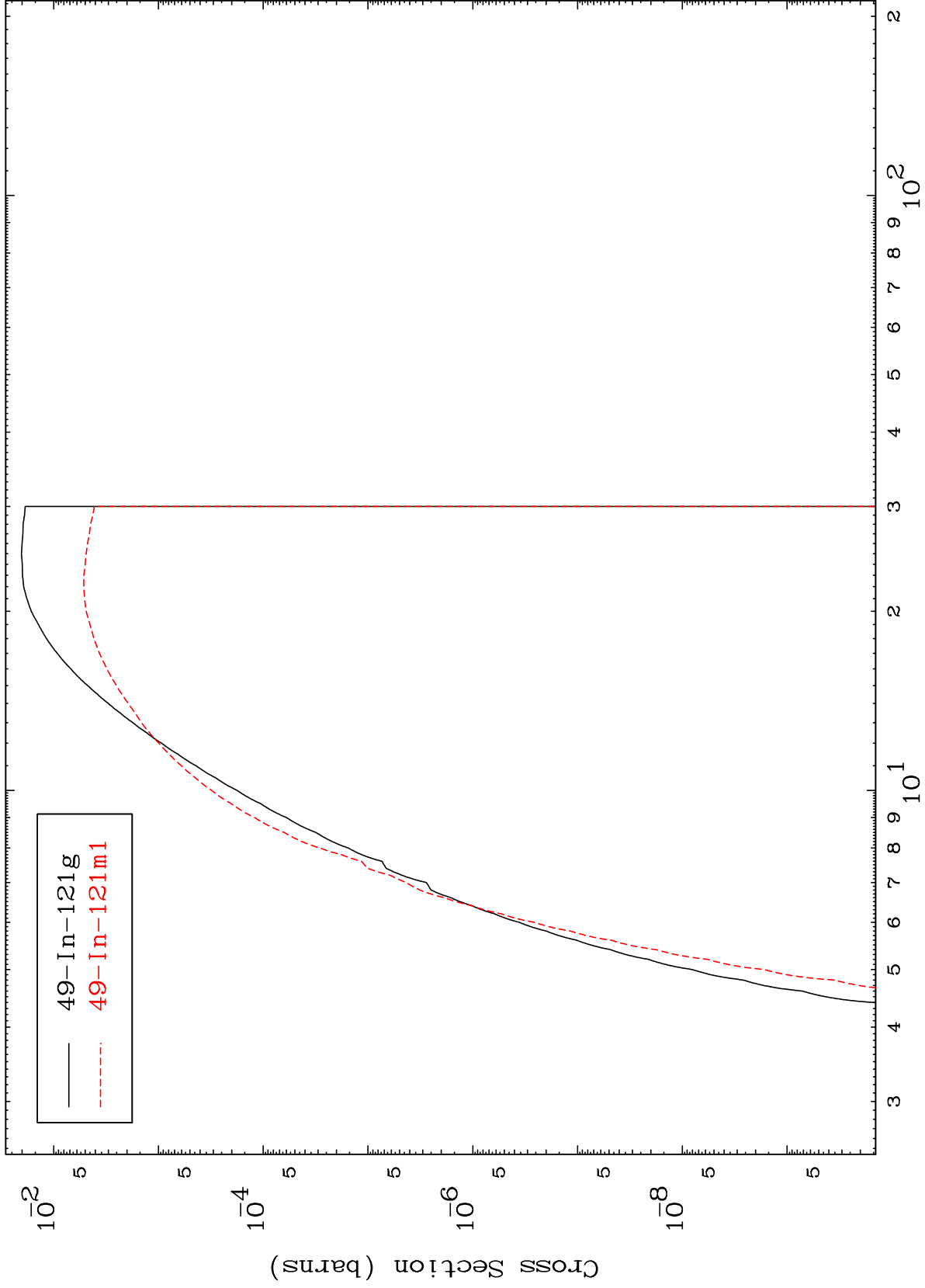
Incident Energy (MeV)

50-Sn-121

MAT 5052

50-Sn-121

(n,p)
Radionuclide Production Cross Section



50-Sn-121

Incident Energy (MeV)

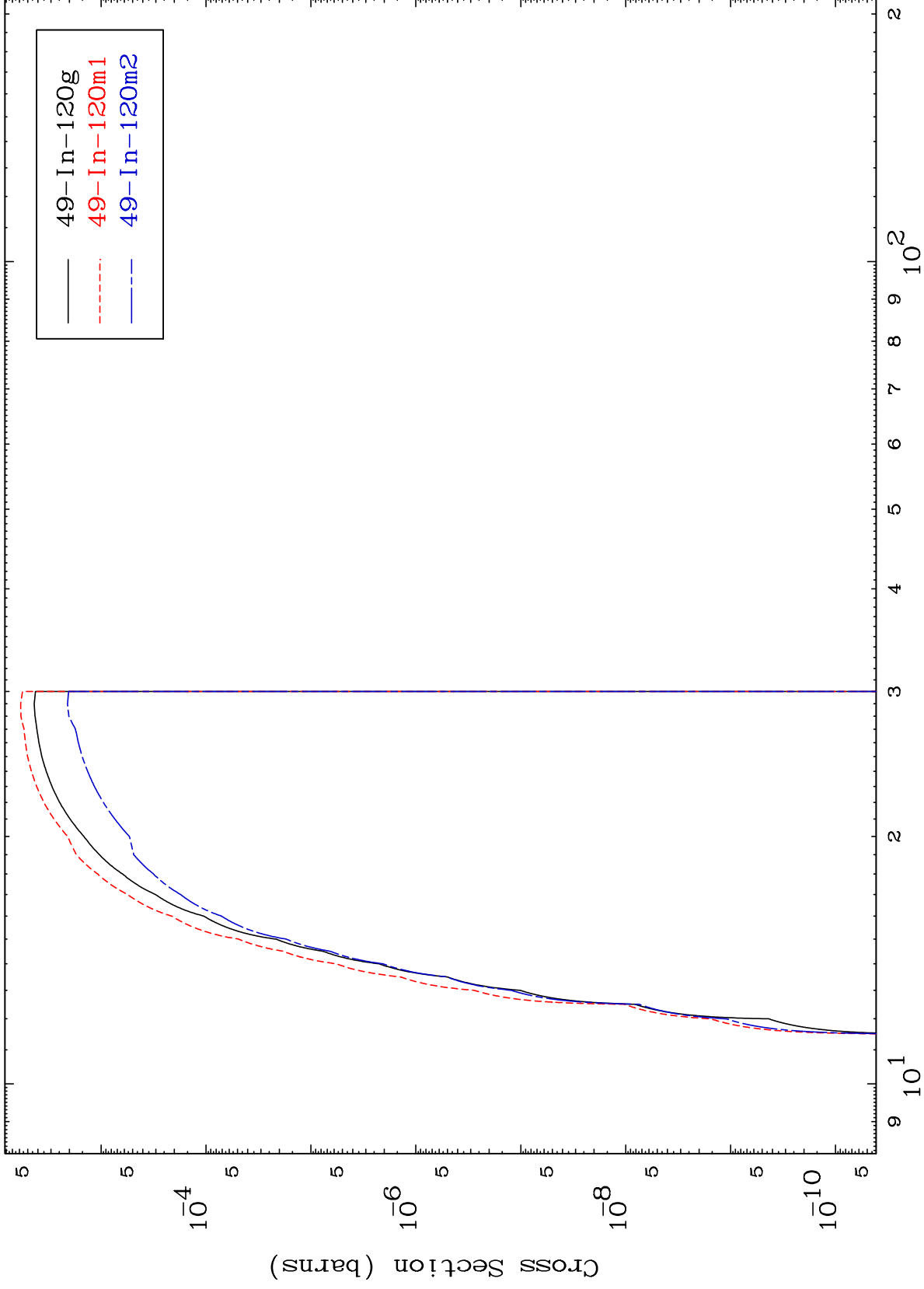
131

MAT 5052

(n,d)

50-Sn-121

Radionuclide Production Cross Section



132

Incident Energy (MeV)

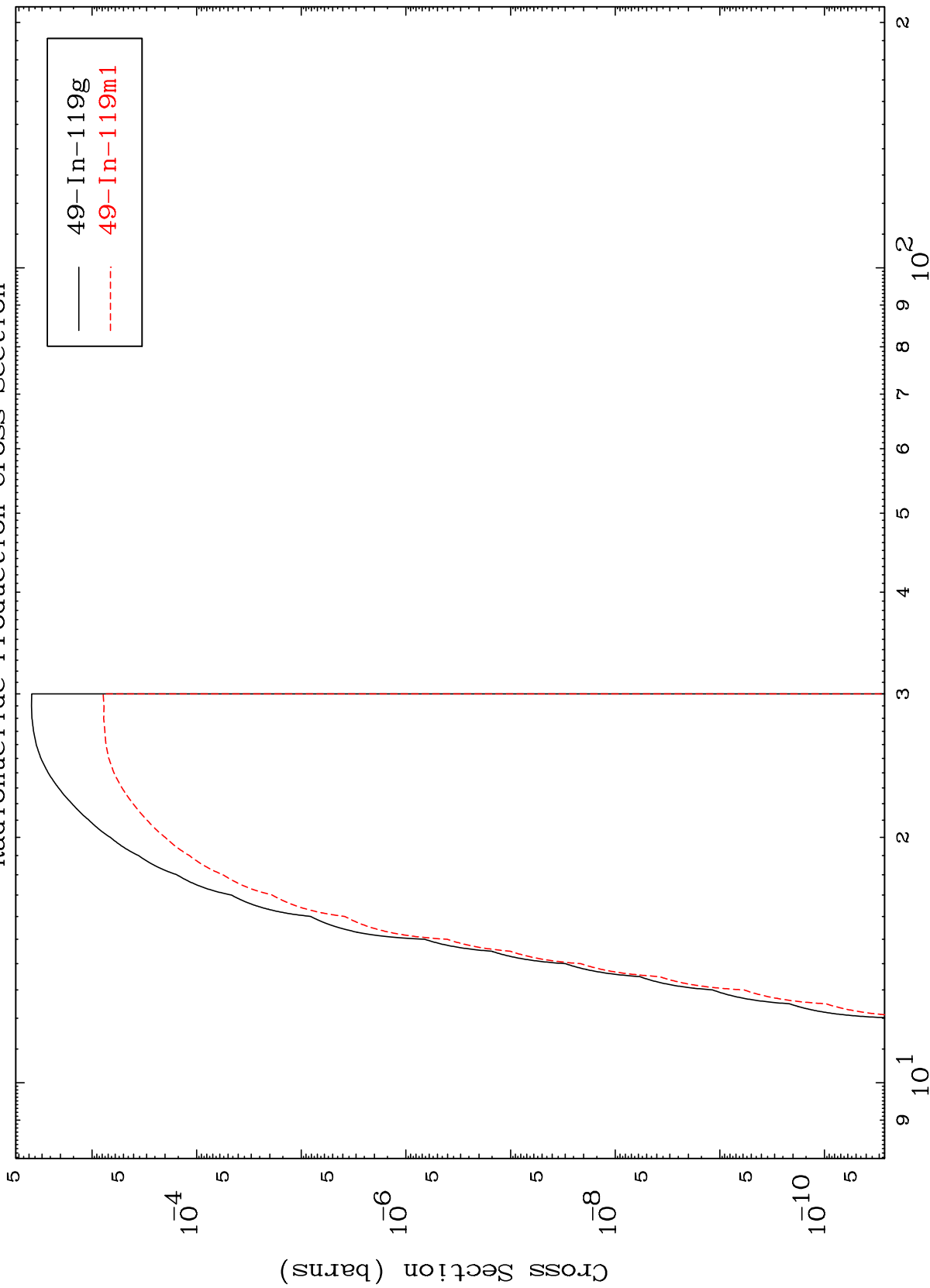
50-Sn-121

MAT 5052

(n, t)

50-Sn-121

Radionuclide Production Cross Section



Incident Energy (MeV)

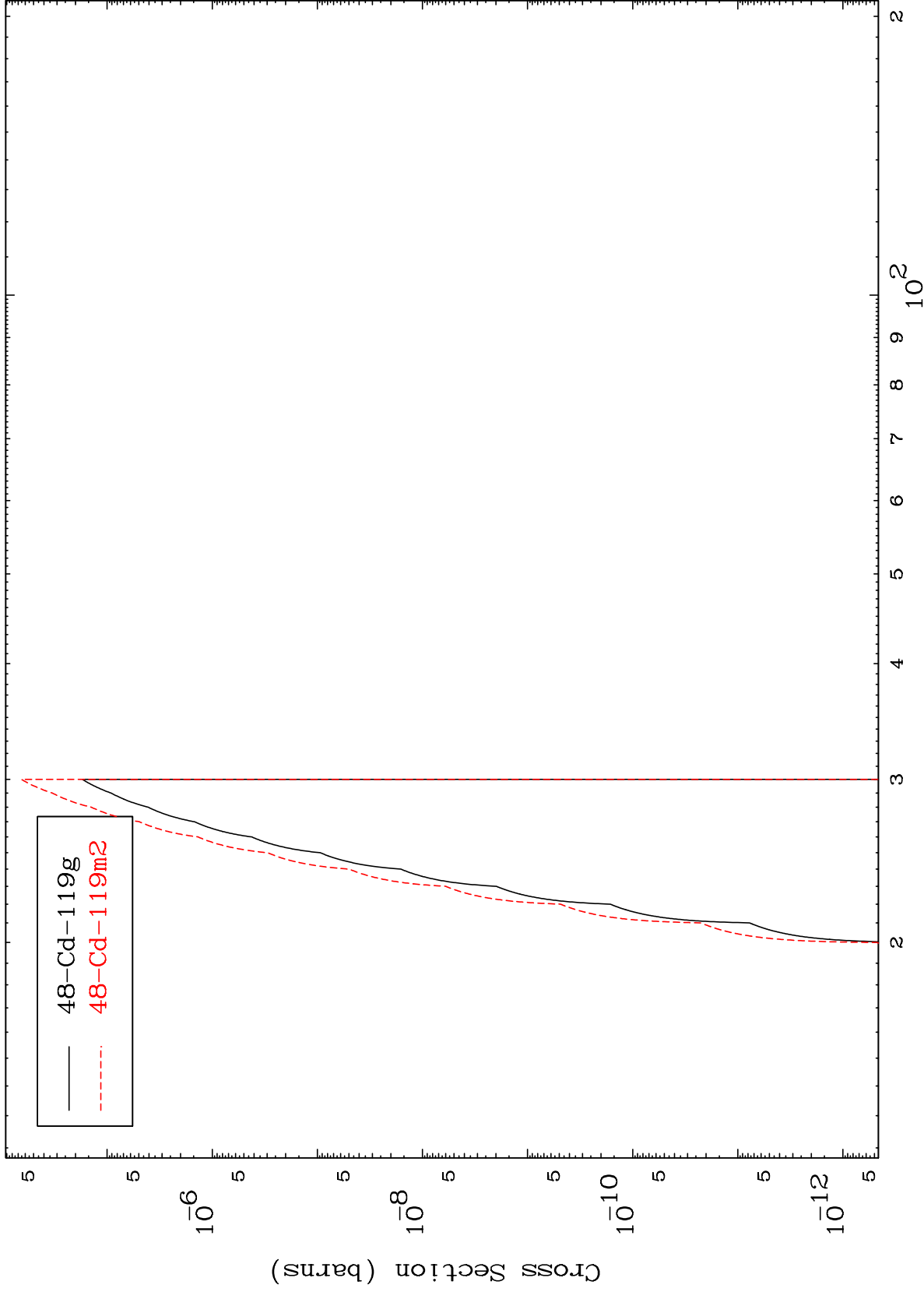
50-Sn-121

133

MAT 5052

50-Sn-121

(n,He-3)
Radionuclide Production Cross Section



50-Sn-121

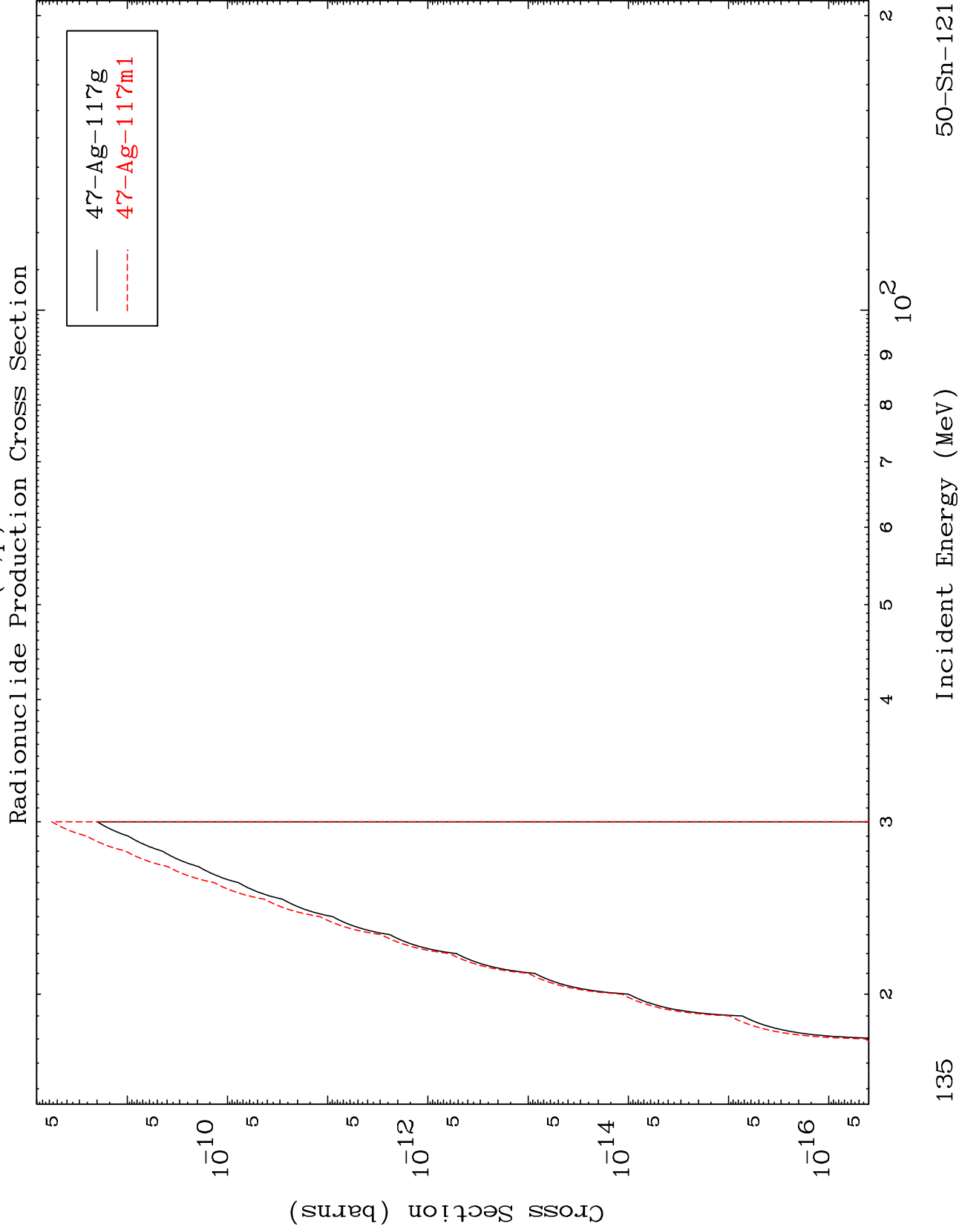
Incident Energy (MeV)

134

MAT 5052

(n,p) α

50-Sn-121



135

Incident Energy (MeV)

50-Sn-121