

Program EVALPLOT
(Version 2015-2)

by

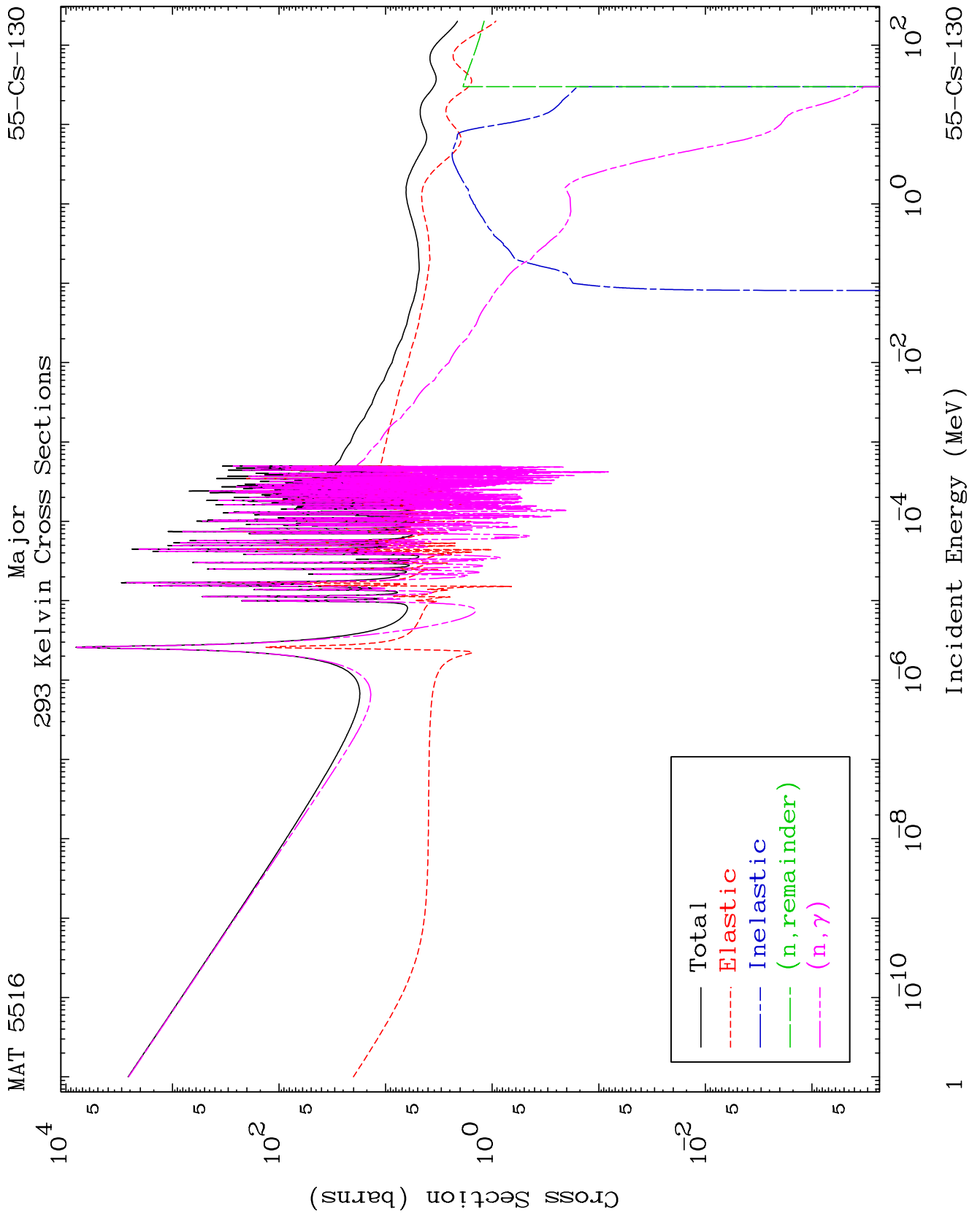
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(Present Contact Information)

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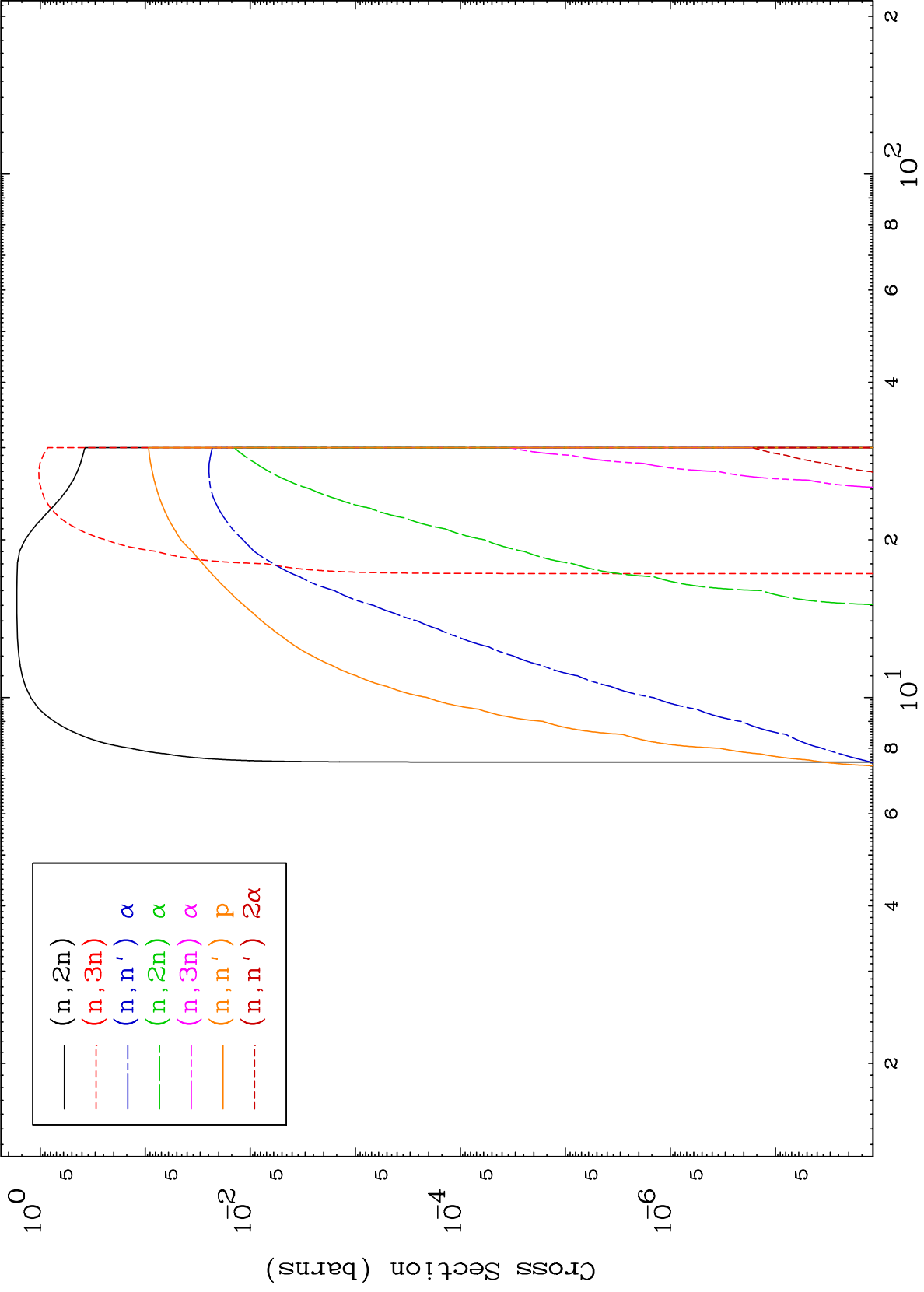
Press Mouse Button to Start



MAT 5516

Neutron Production
293 Kelvin Cross Sections

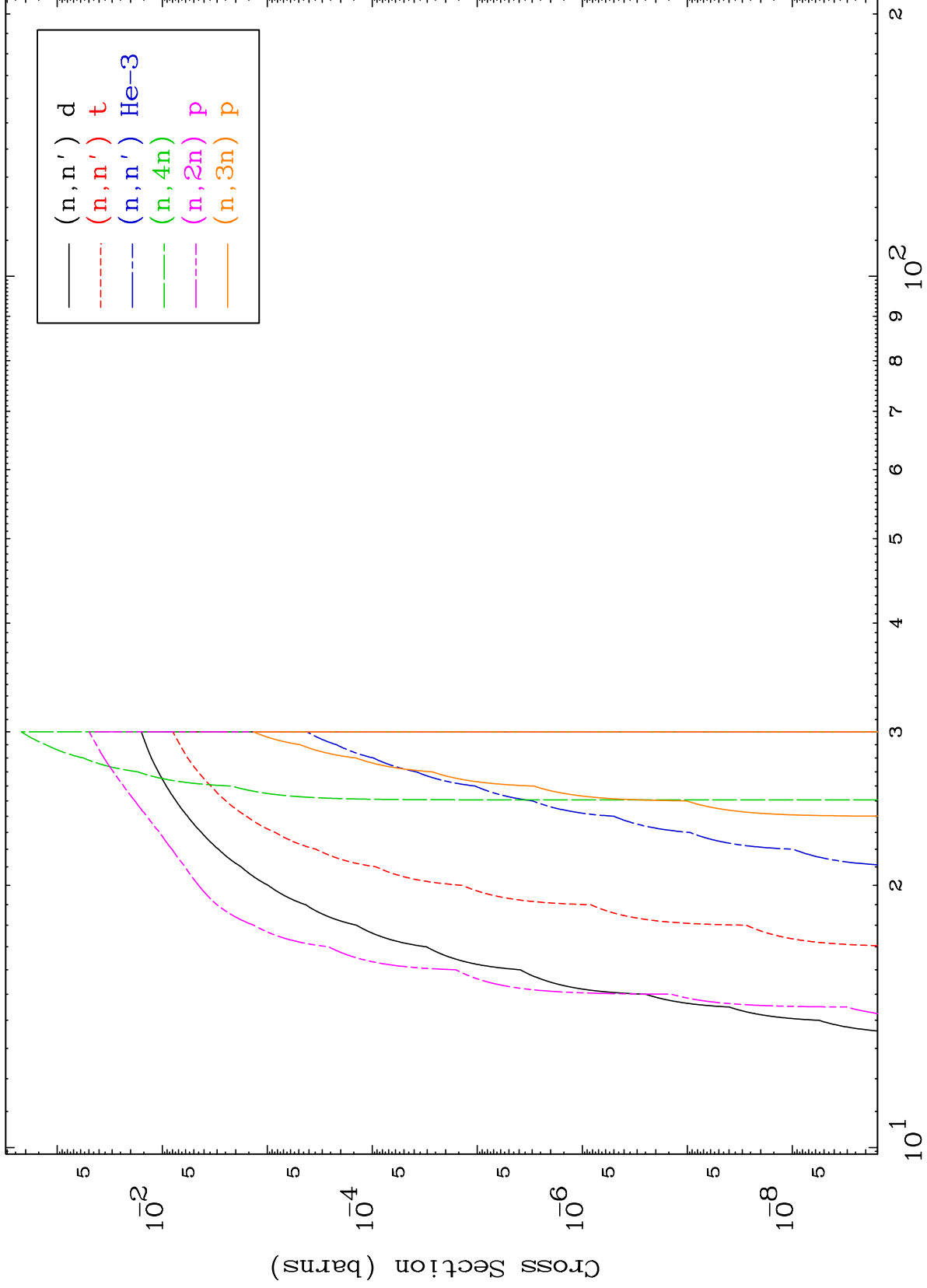
55-Cs-130



MAT 5516

Neutron Production
293 Kelvin Cross Sections

55-Cs-130



55-Cs-130

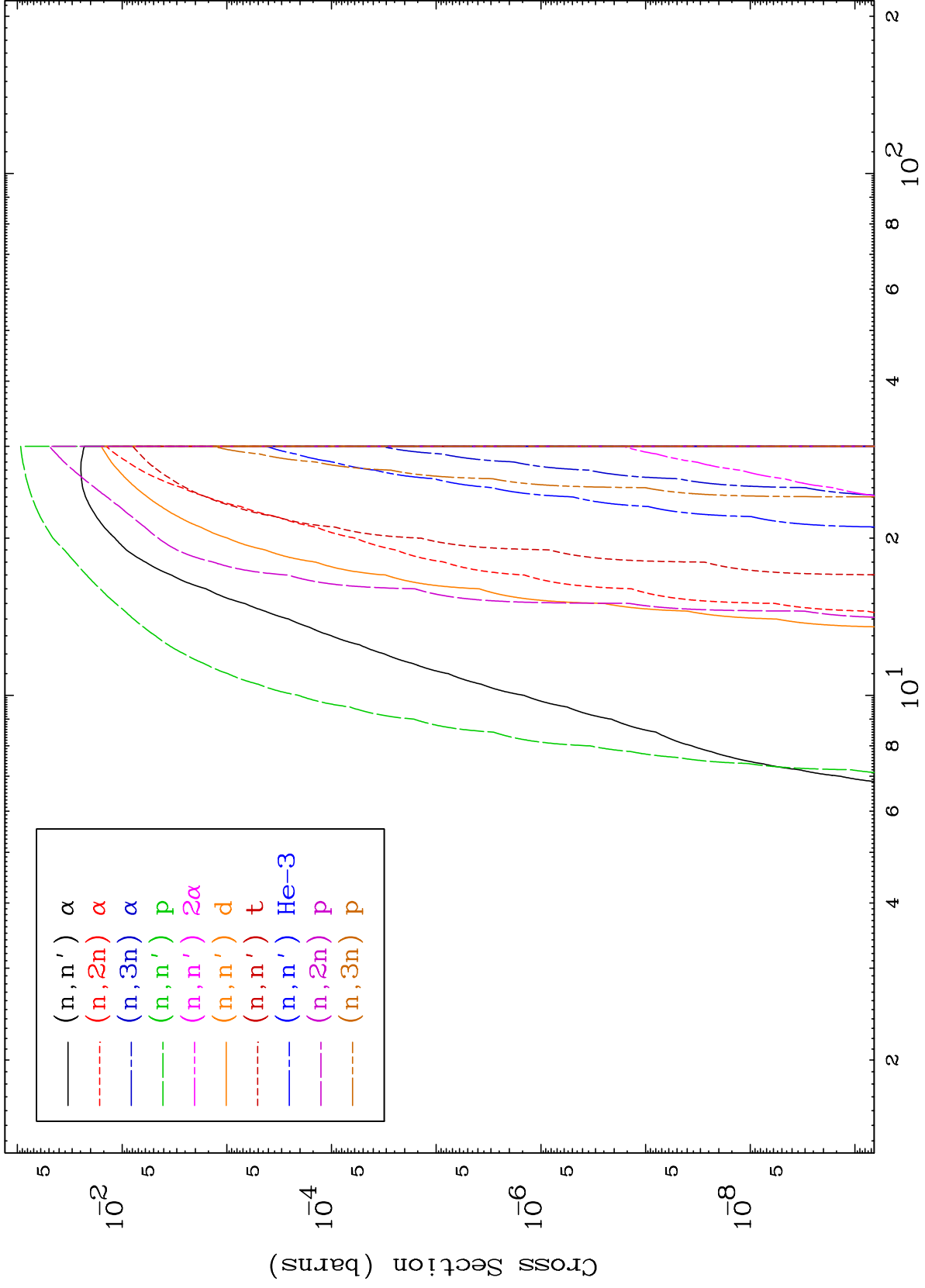
Incident Energy (MeV)

3

MAT 5516

Charged Particle
293 Kelvin Cross Sections

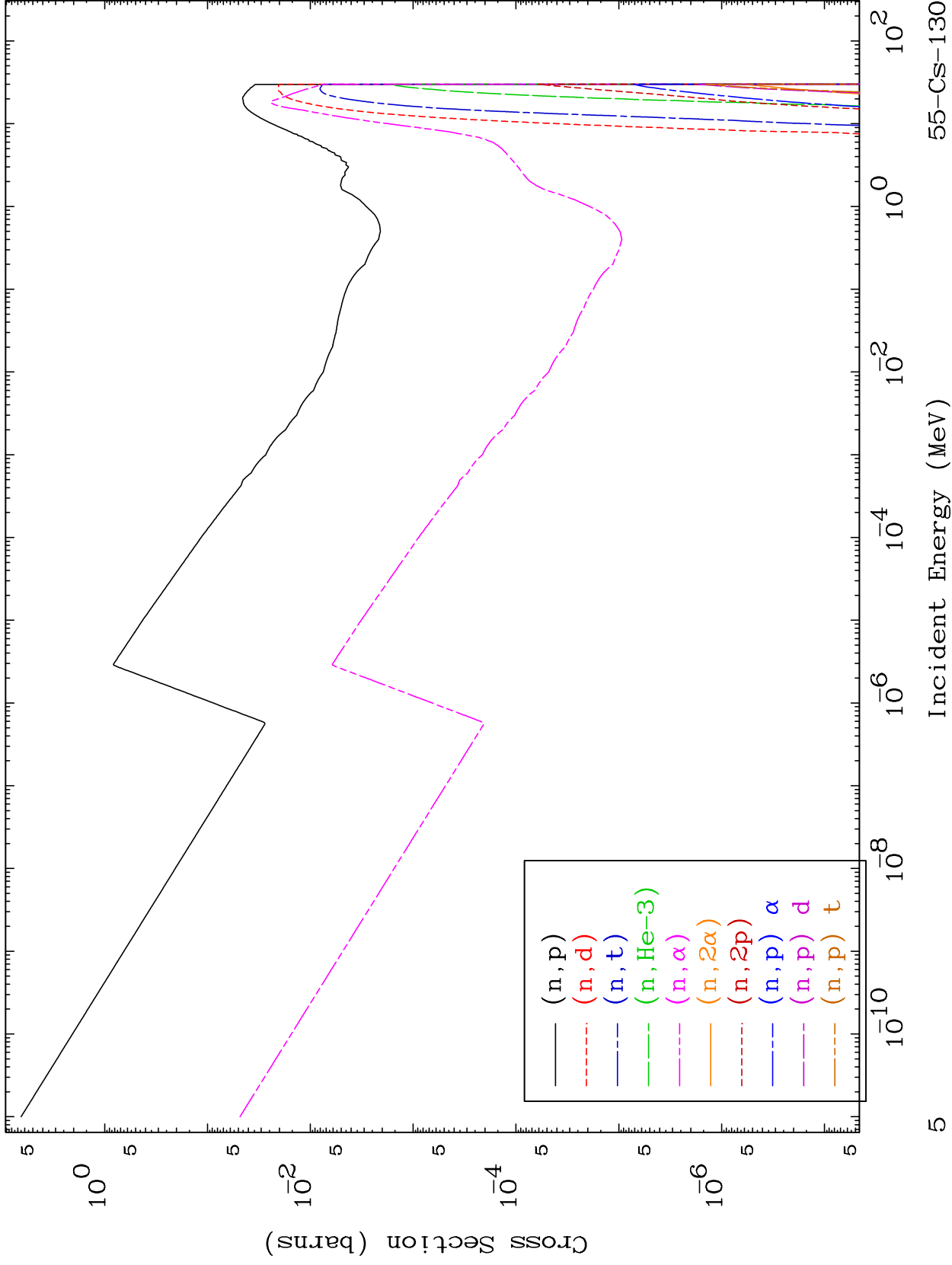
55-Cs-130



MAT 5516

Charged Particle
293 Kelvin Cross Sections

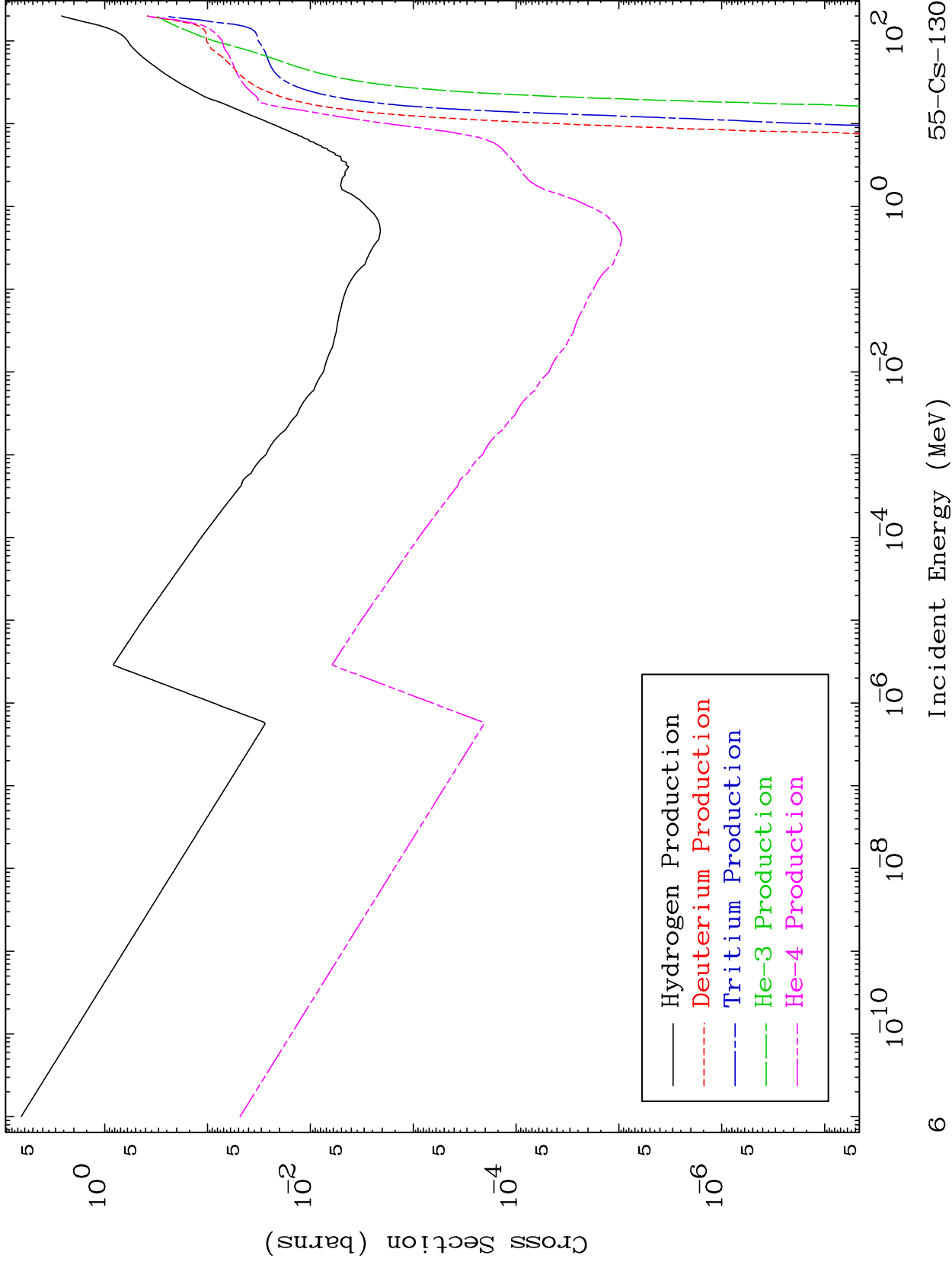
55-Cs-130



MAT 5516

Particle Production
293 Kelvin Cross Sections

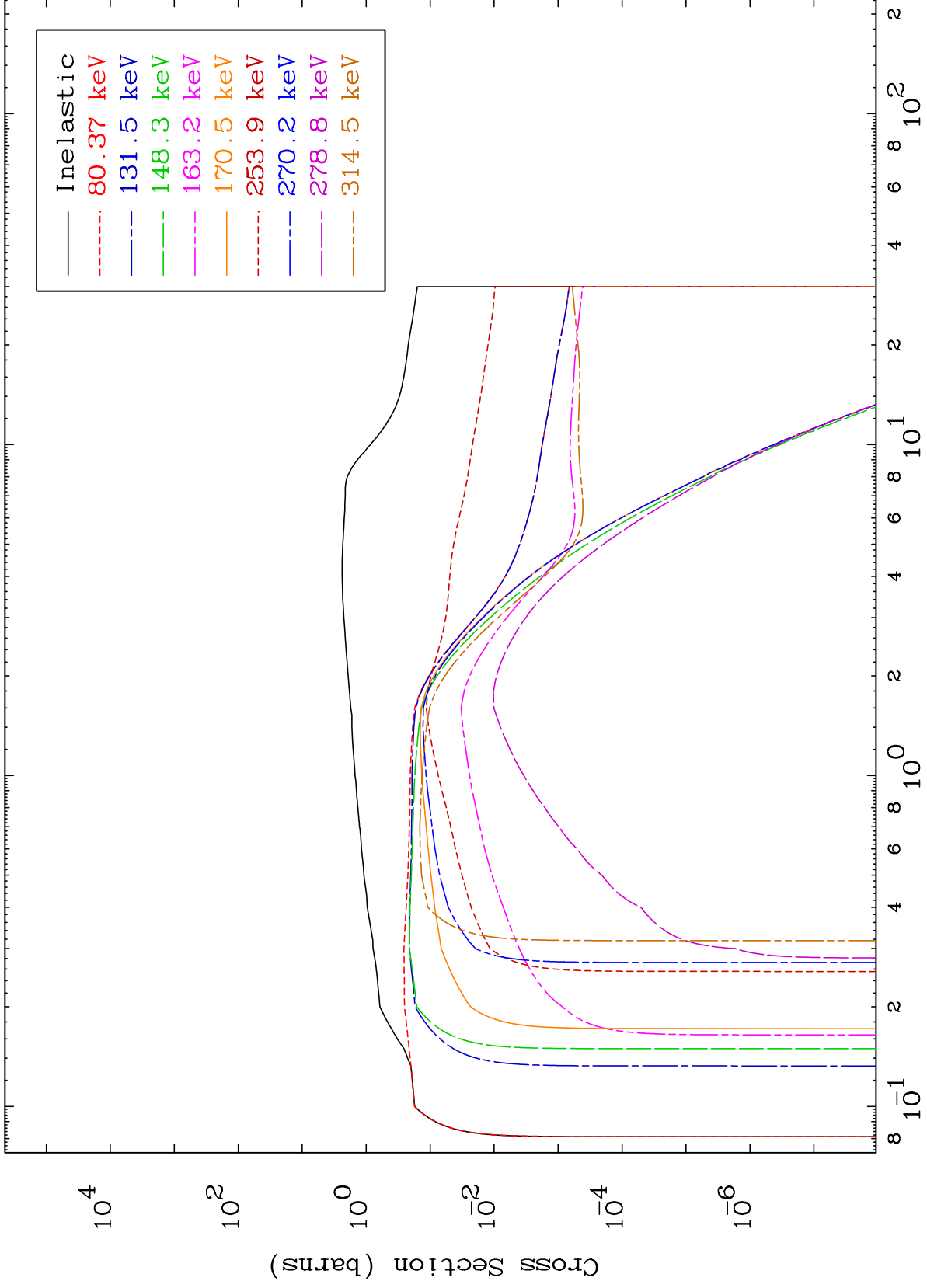
55-Cs-130



MAT 5516

(n,n') Level
293 Kelvin Cross Sections

55-Cs-130



55-Cs-130

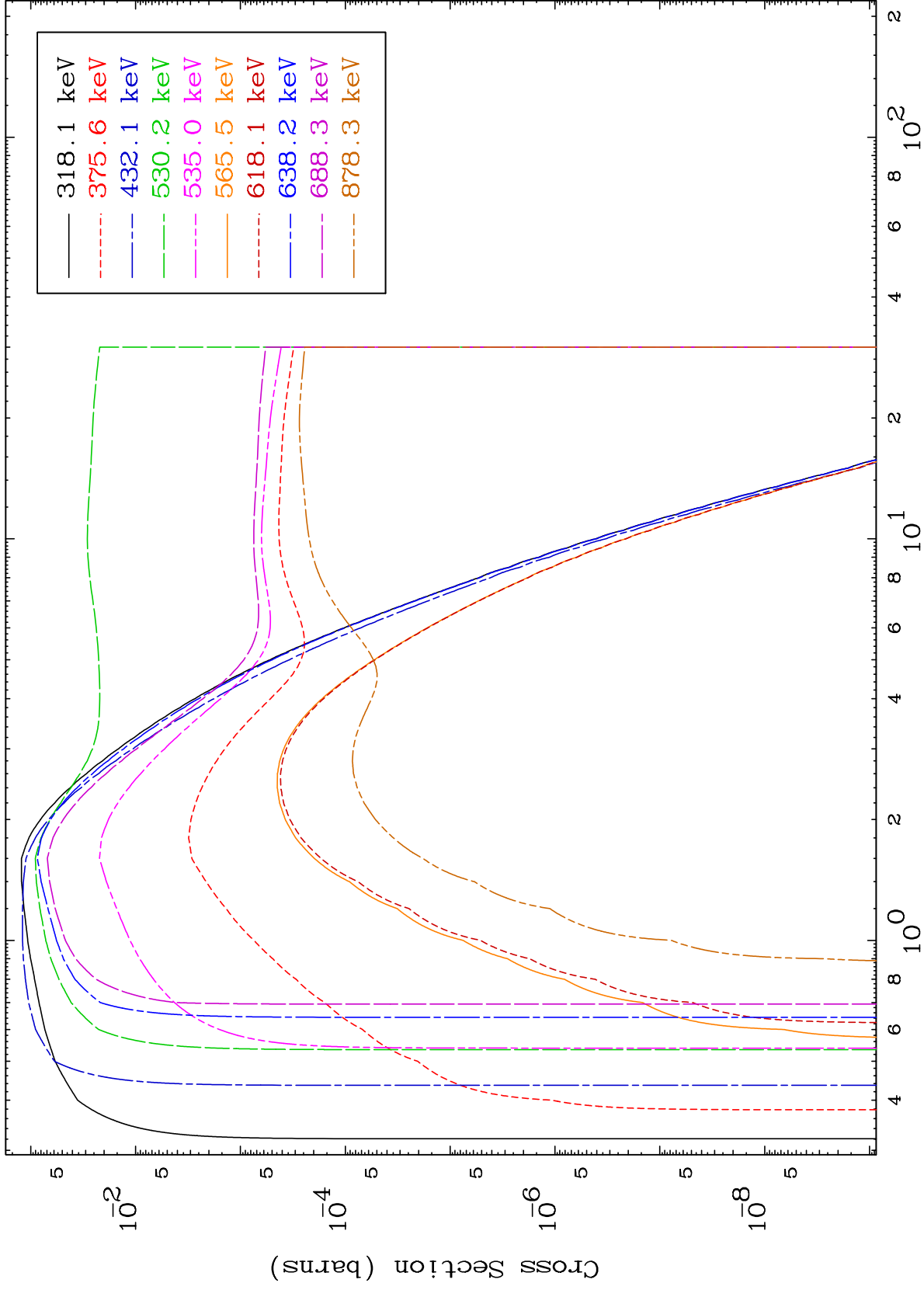
Incident Energy (MeV)

7

MAT 5516

(n,n') Level
293 Kelvin Cross Sections

55-Cs-130



8

Incident Energy (MeV)

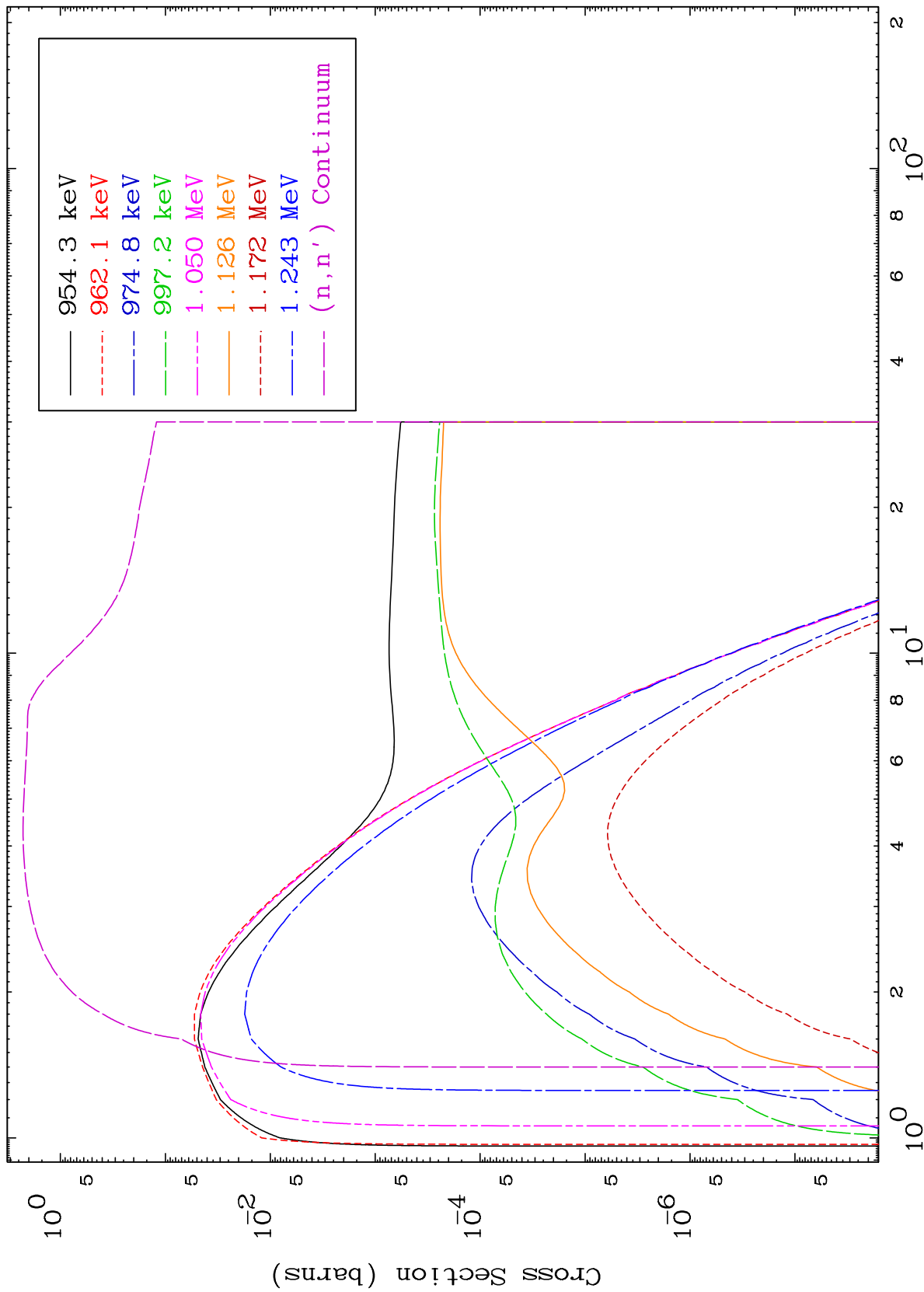
55-Cs-130

MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



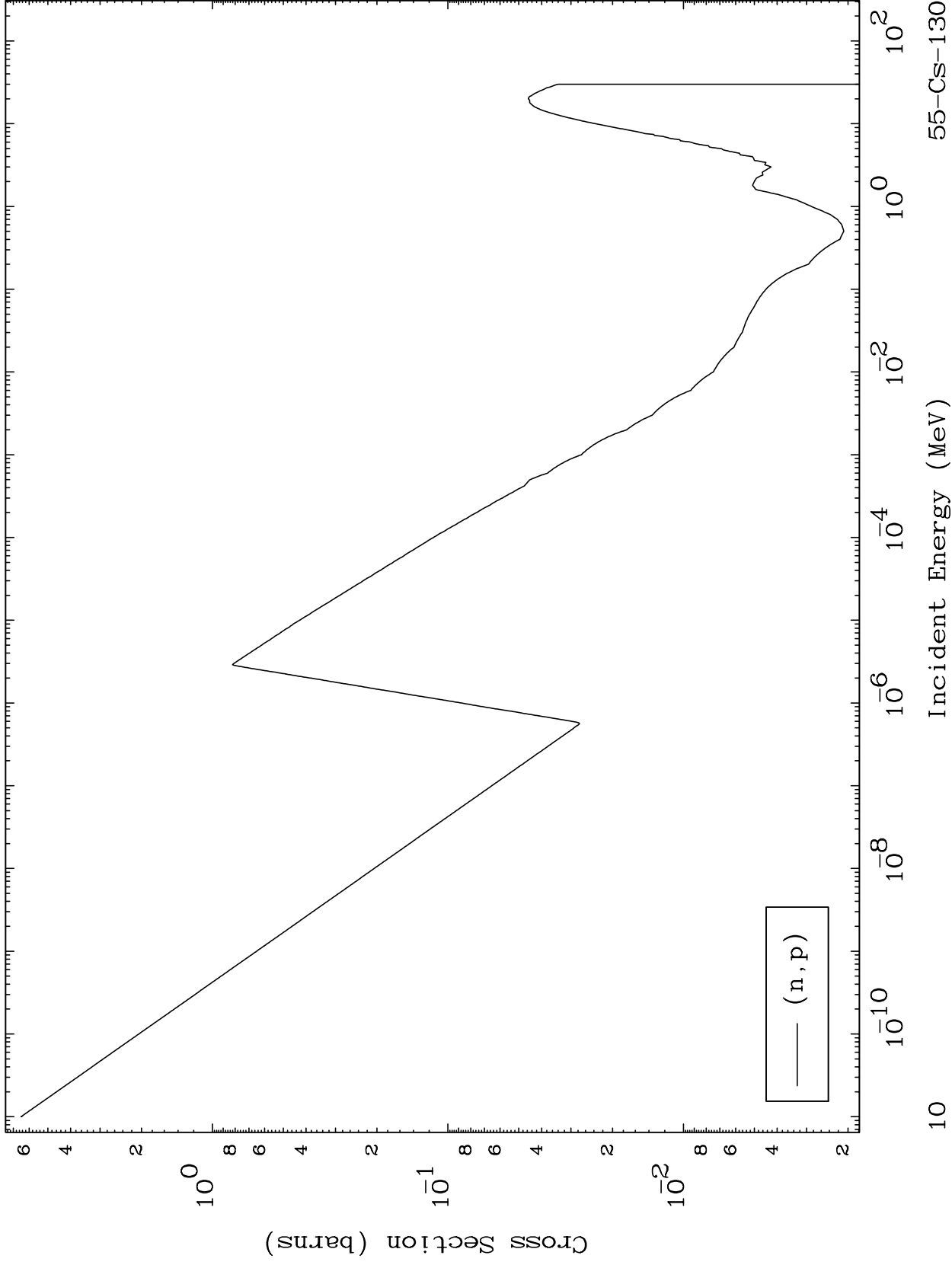
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-130



10

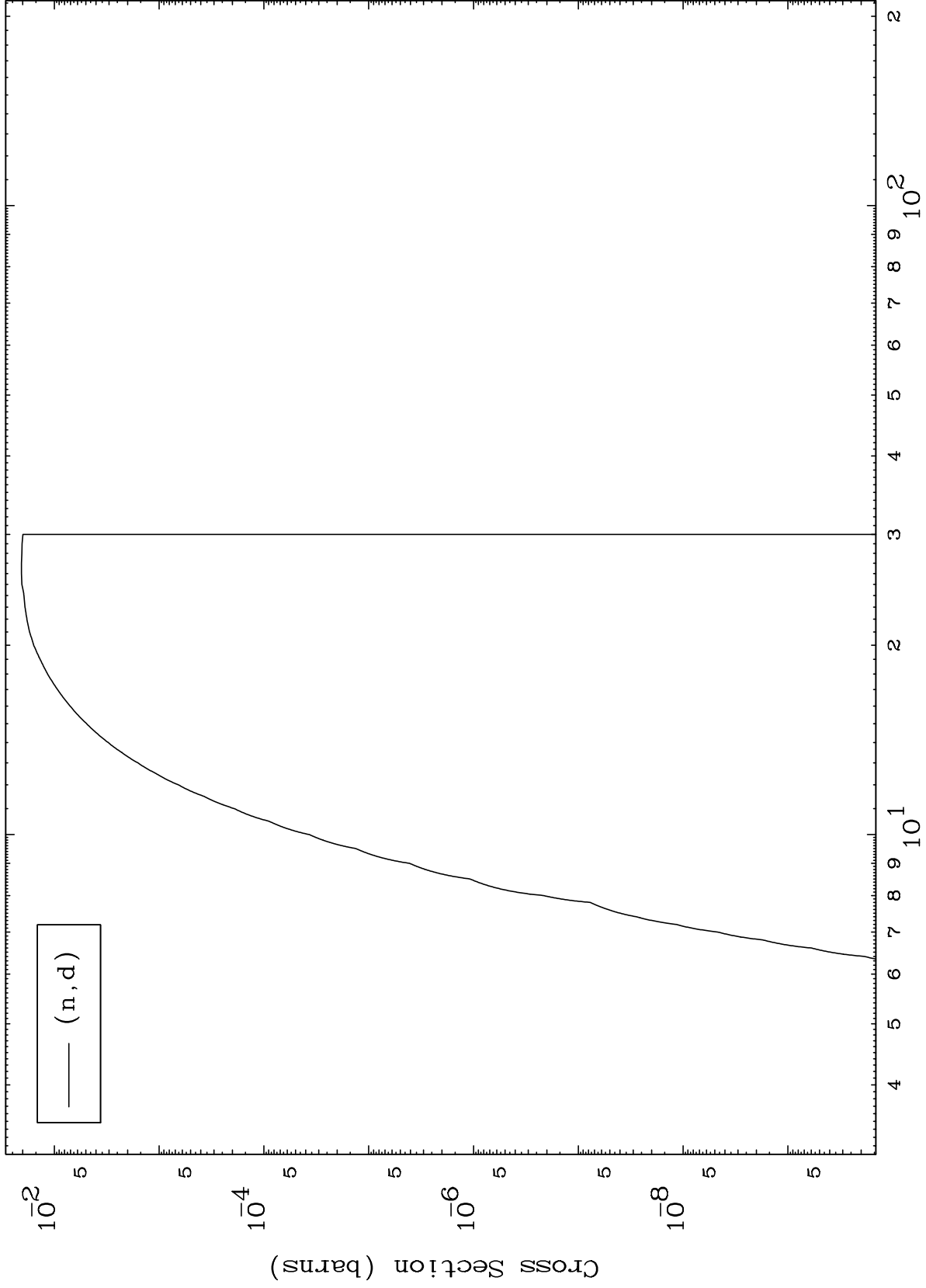
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,d) Levels
293 Kelvin Cross Sections

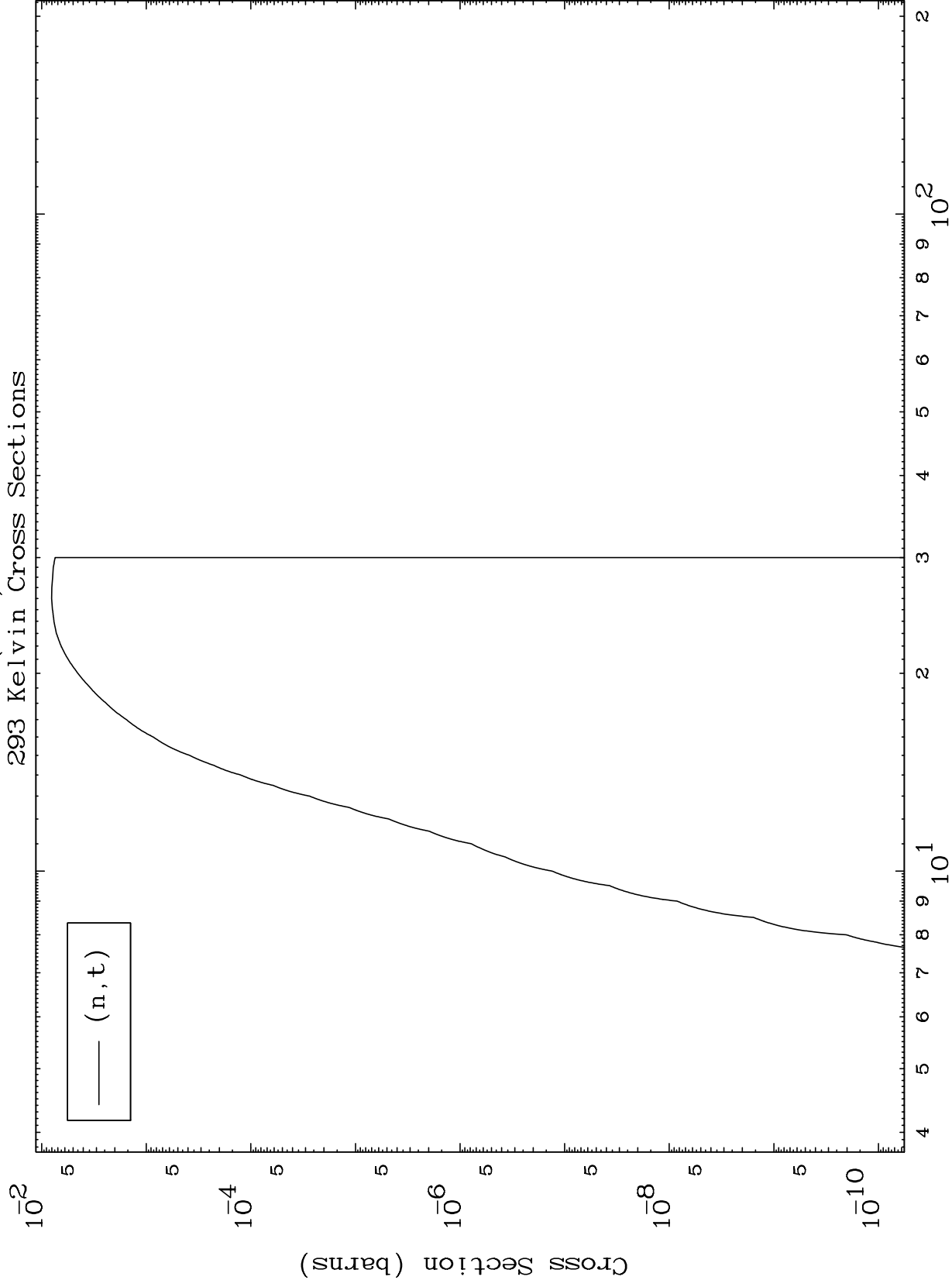
55-Cs-130



MAT 5516

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-130



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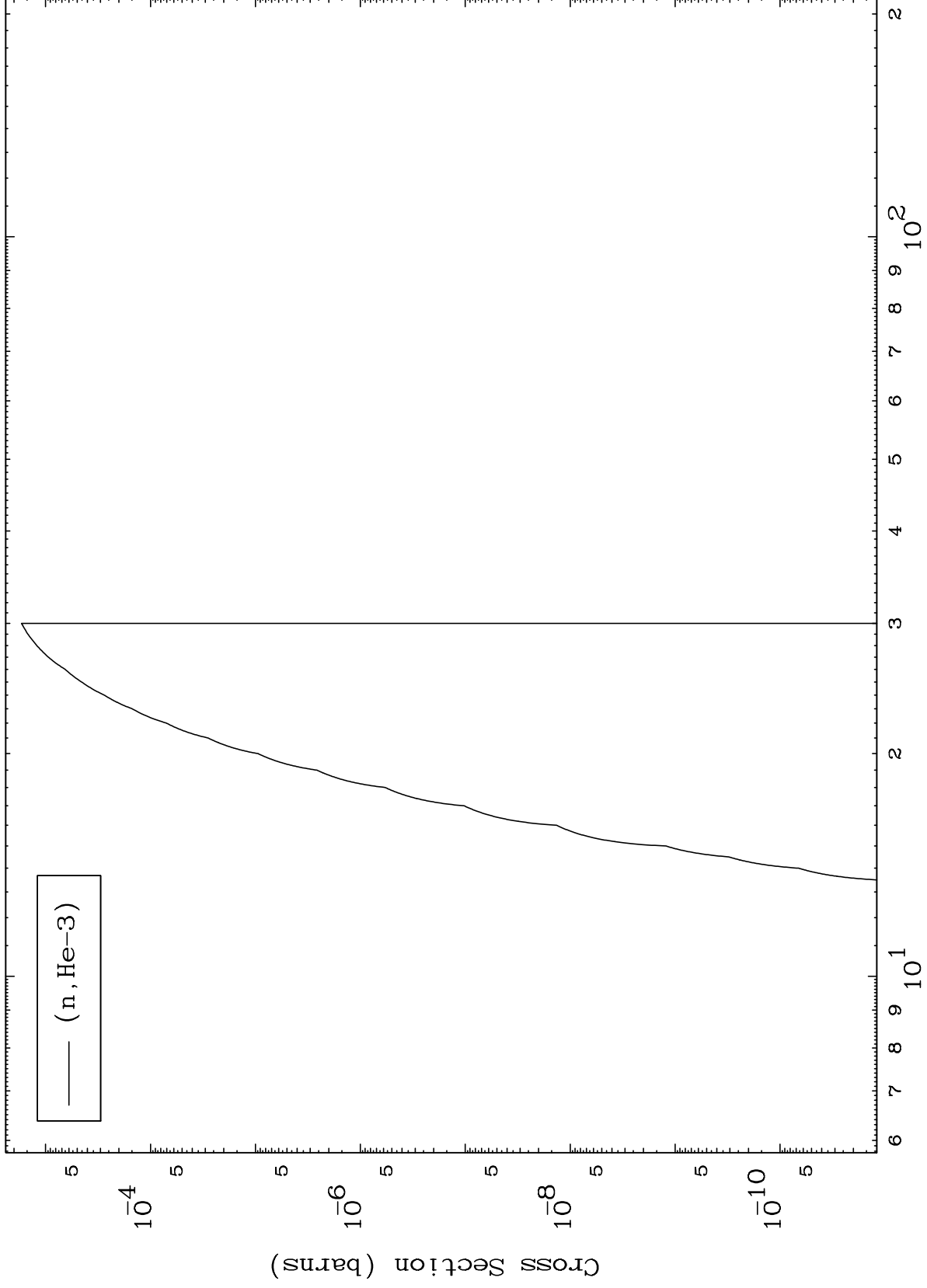
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-130



13

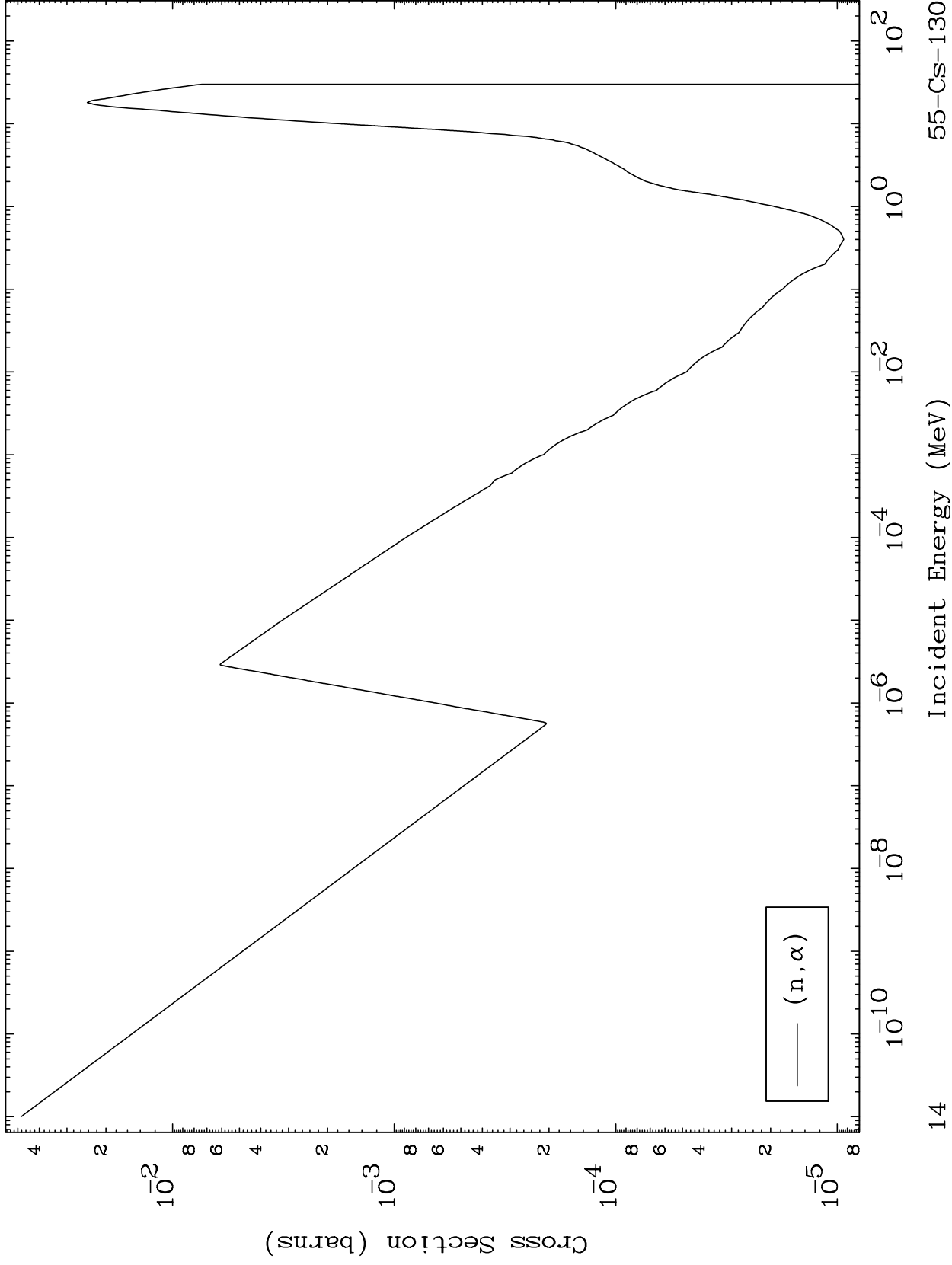
Incident Energy (MeV)

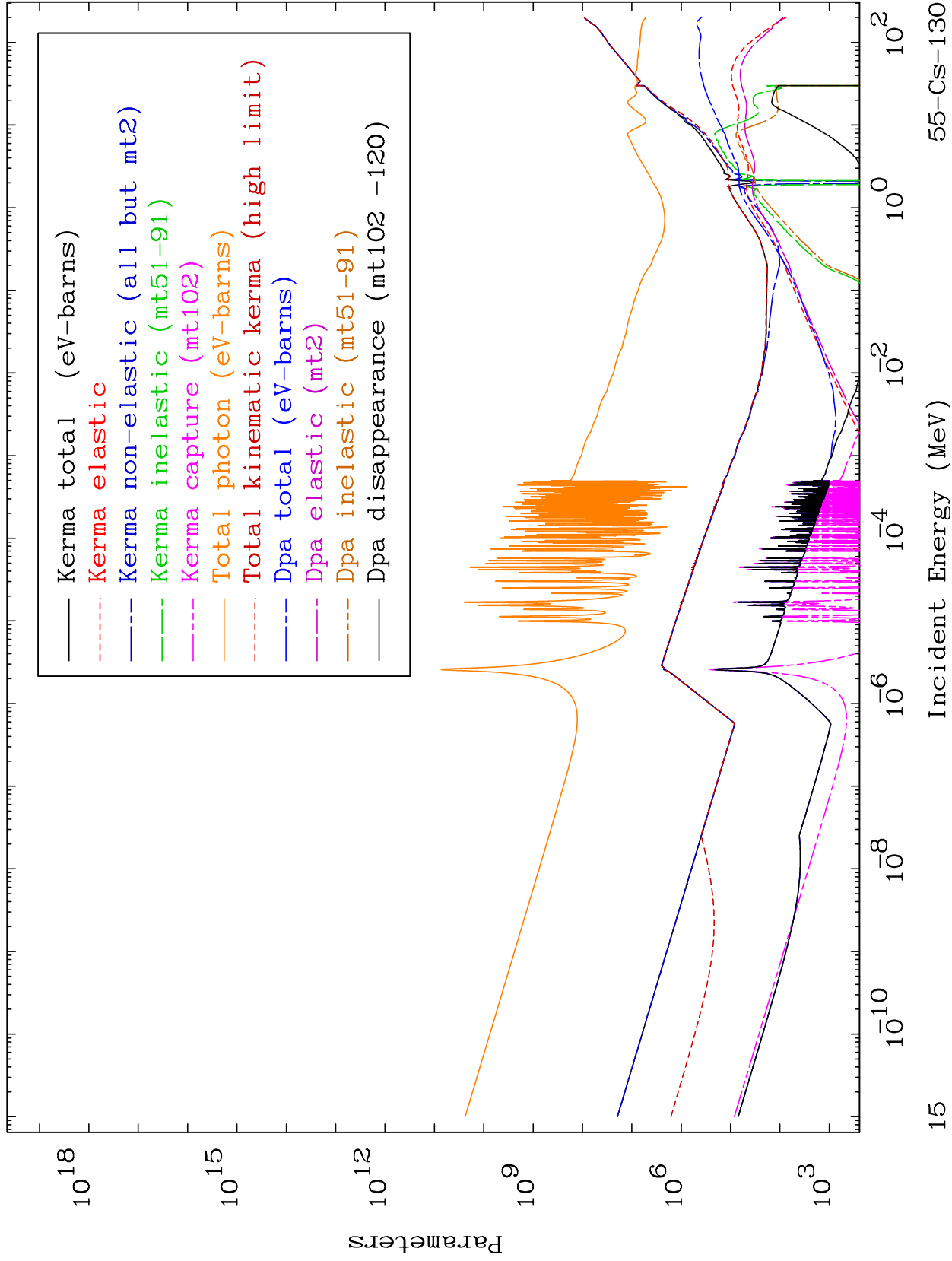
55-Cs-130

MAT 5516

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-130

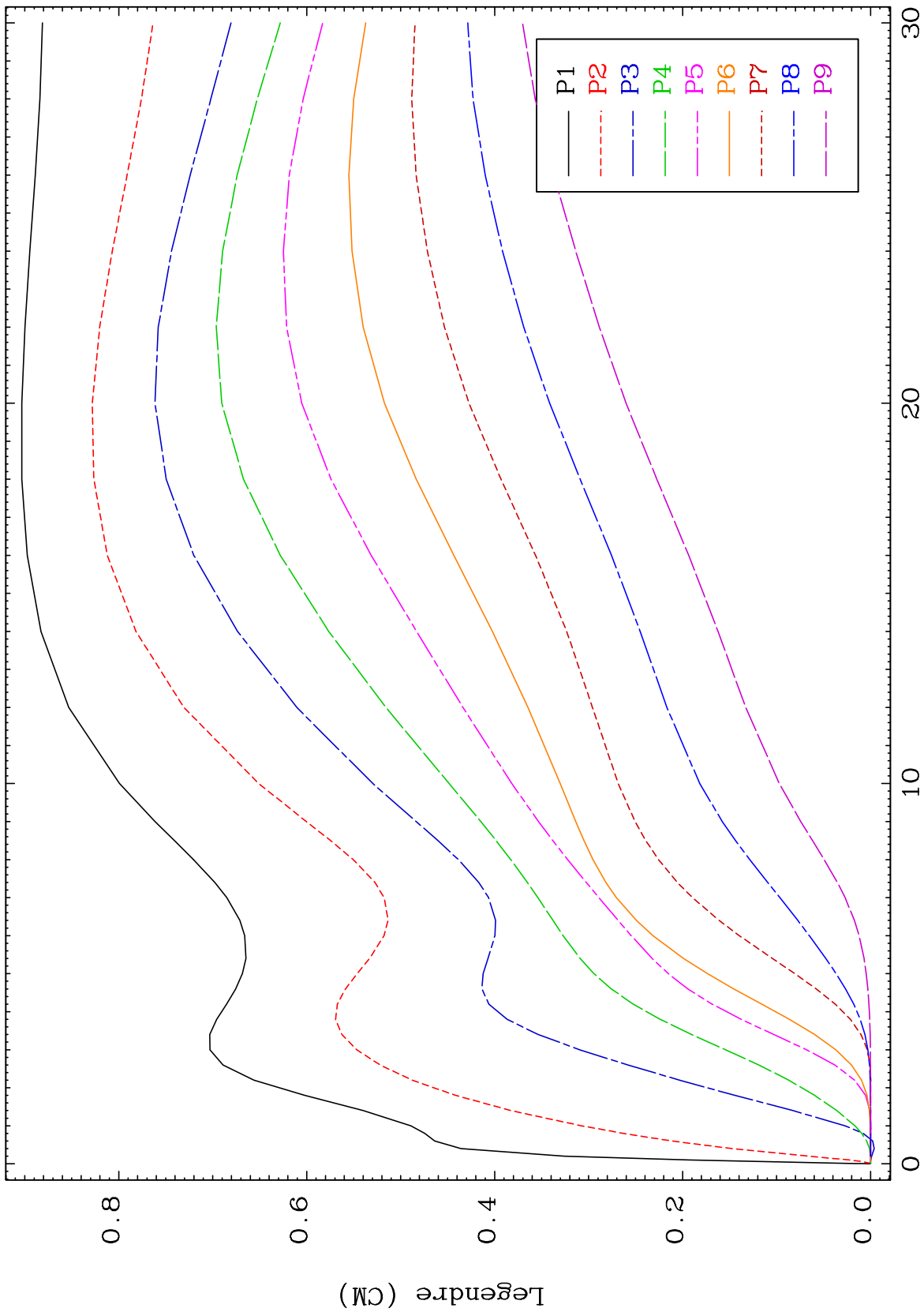




MAT 5516

55-Cs-130

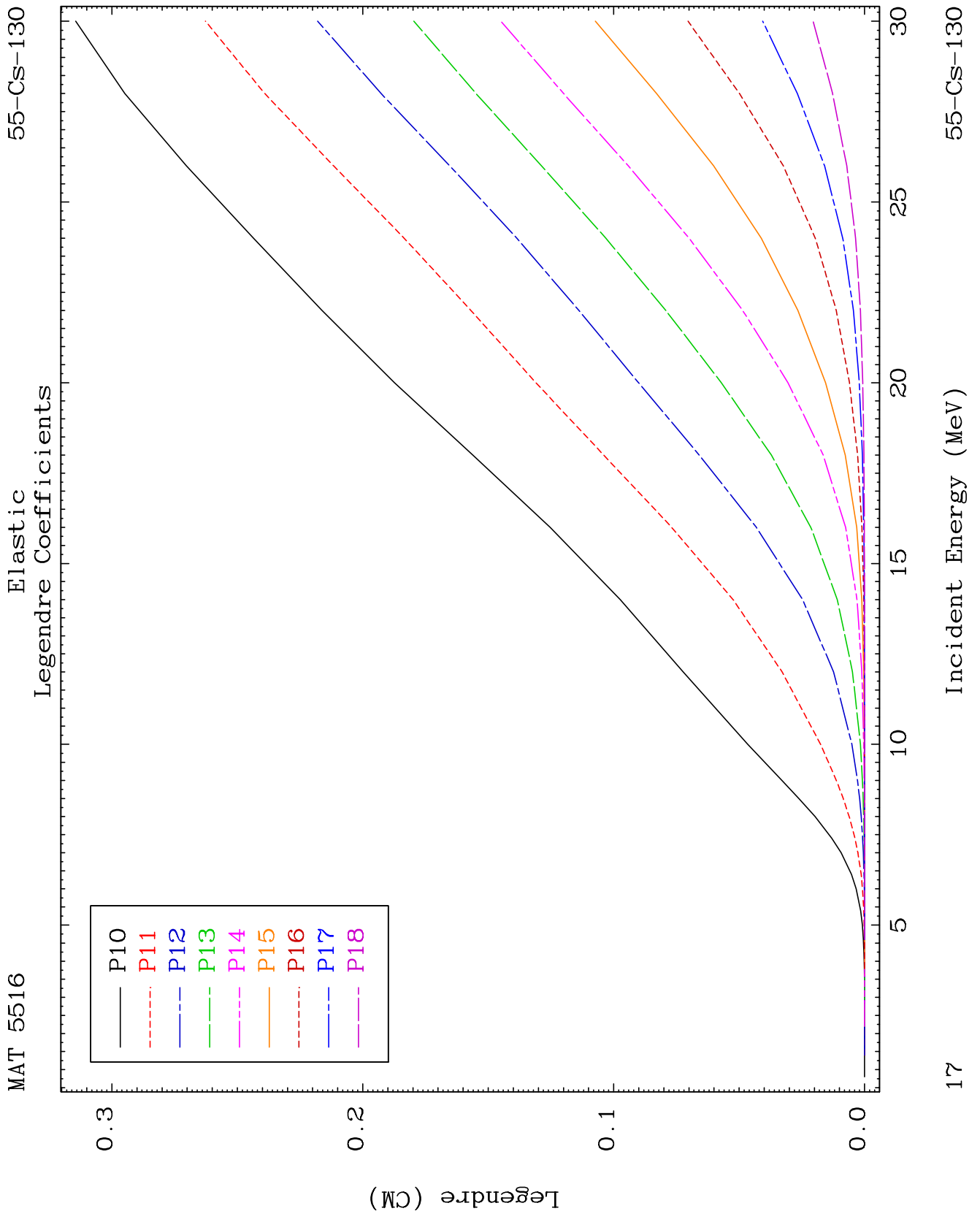
Elastic Legendre Coefficients



16

Incident Energy (MeV)

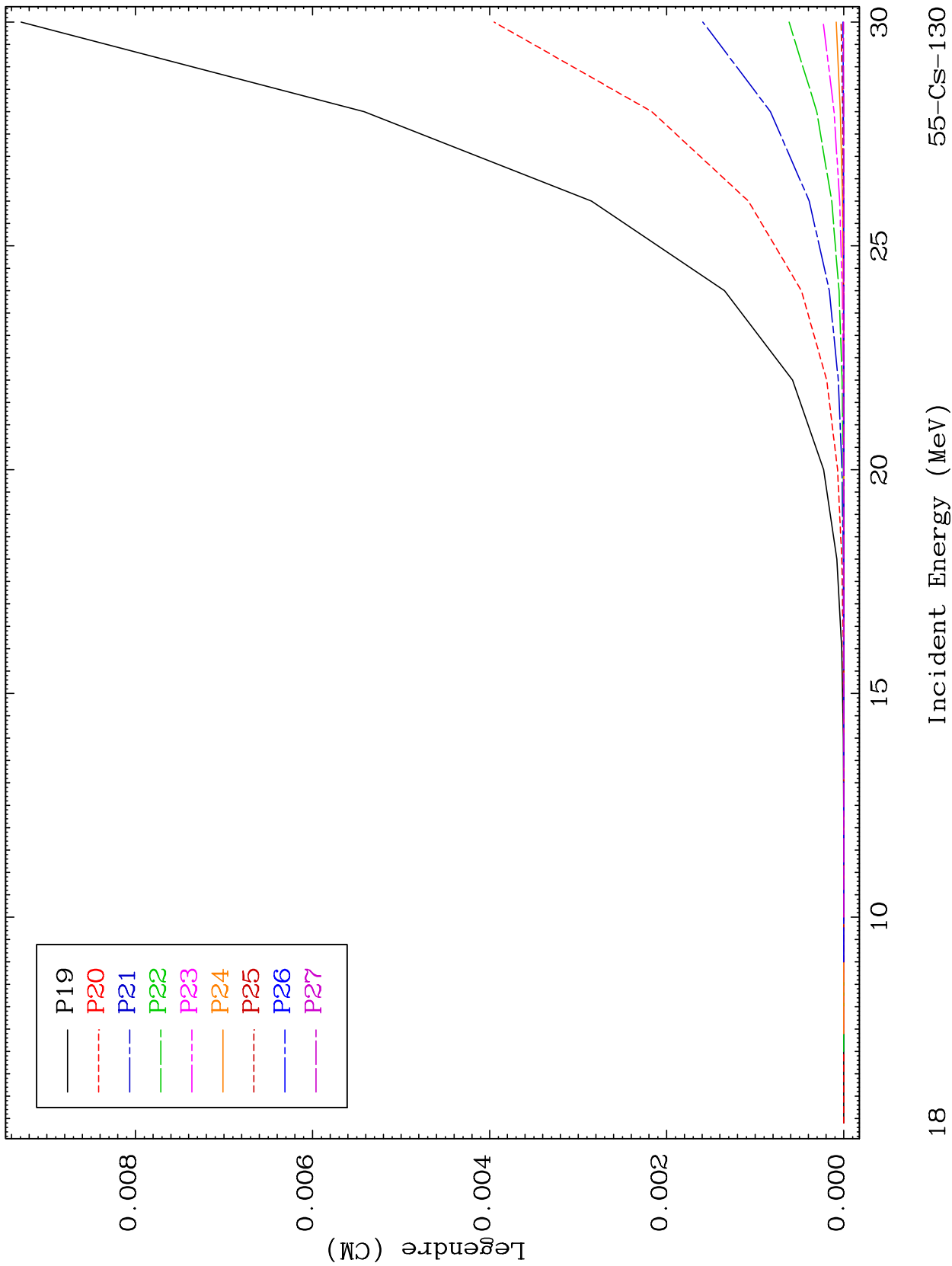
55-Cs-130



MAT 5516

Elastic Legendre Coefficients

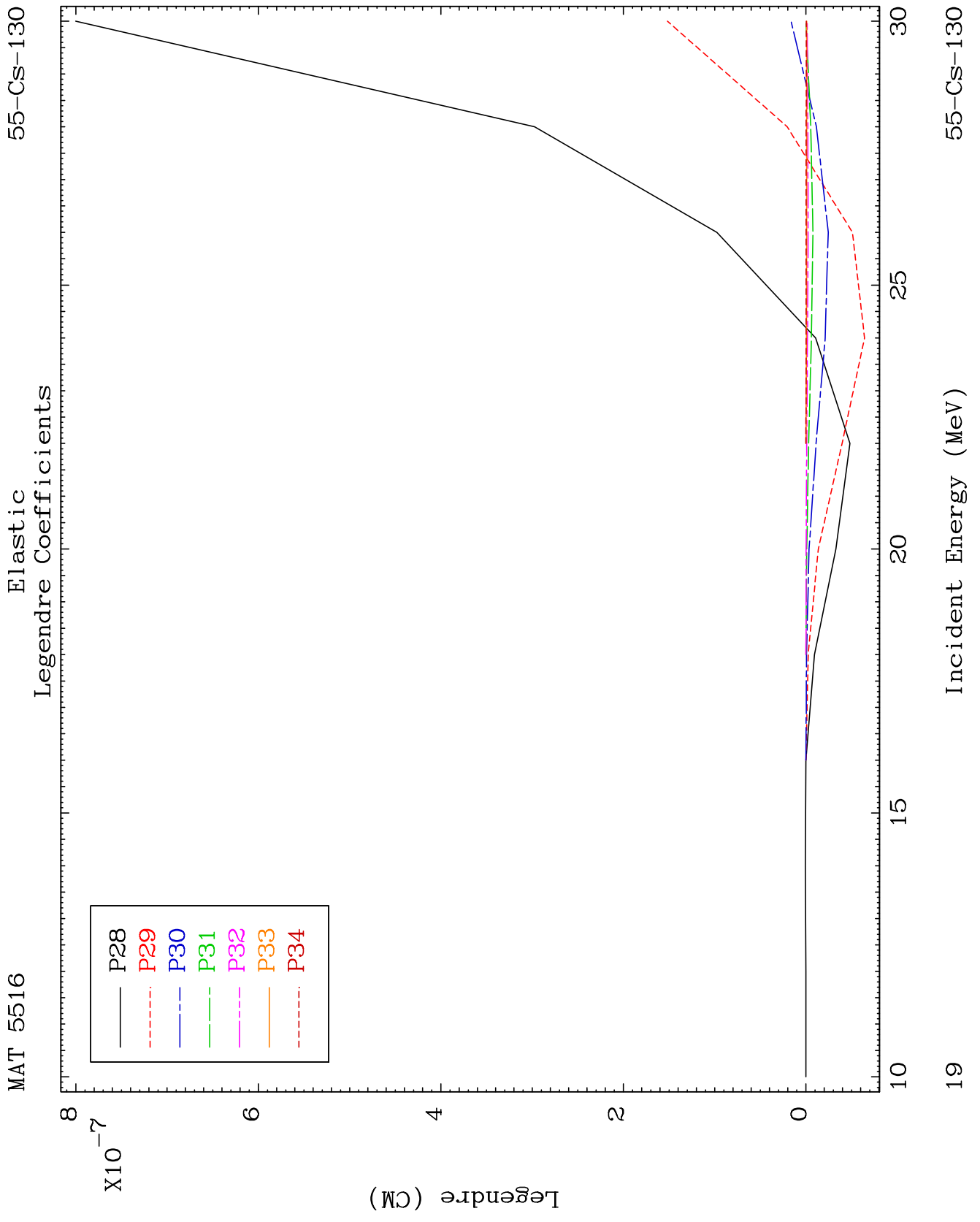
55-Cs-130

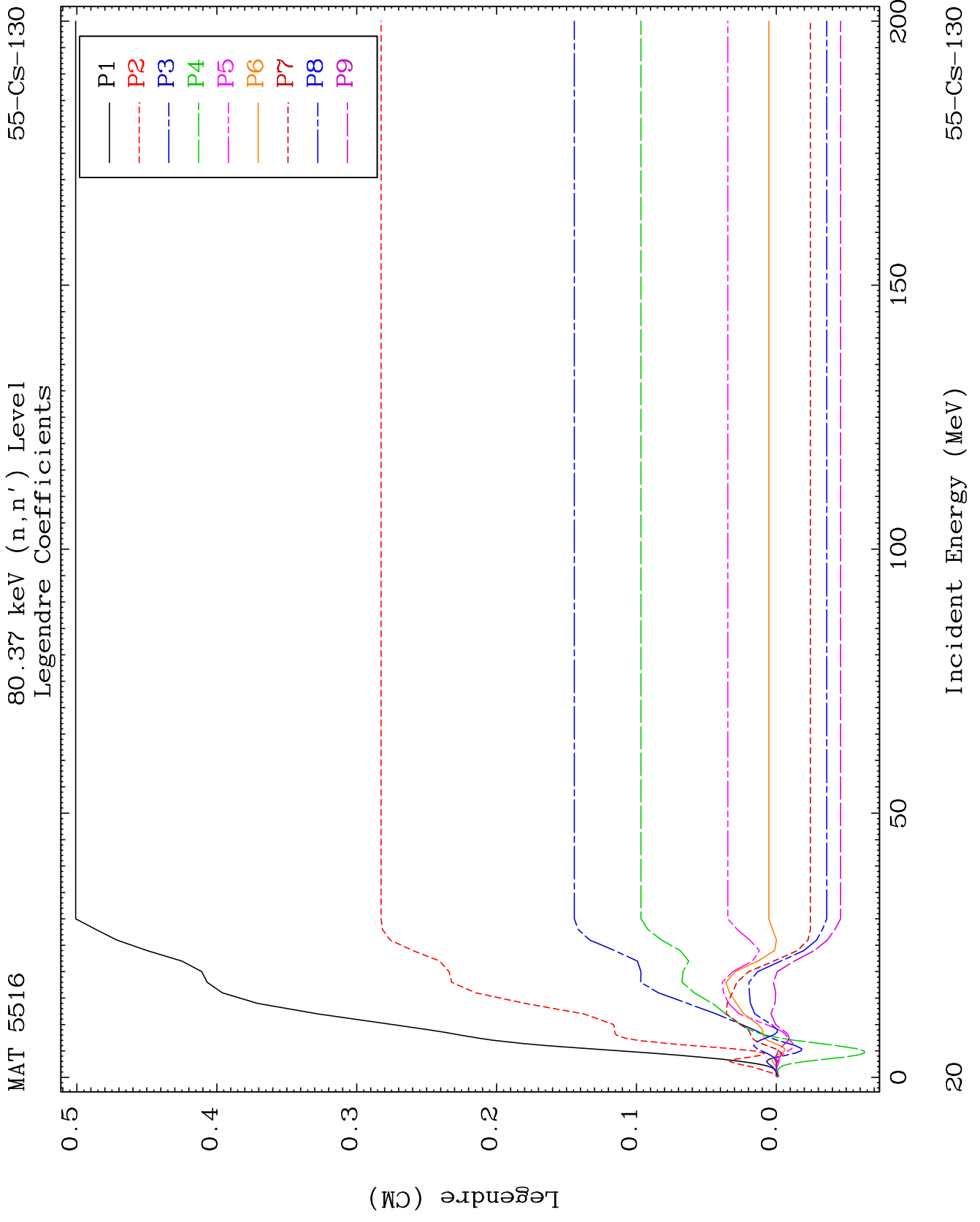


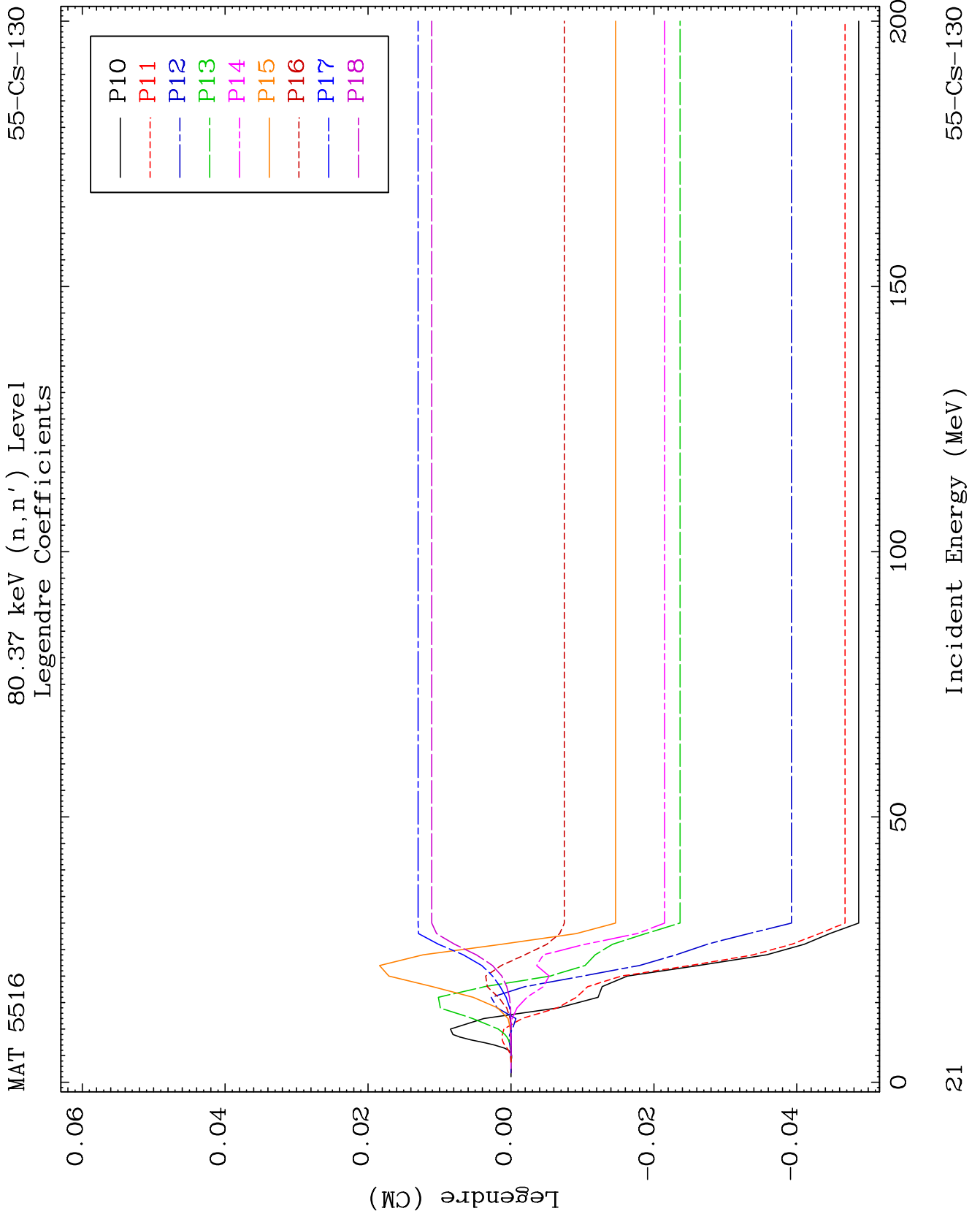
18

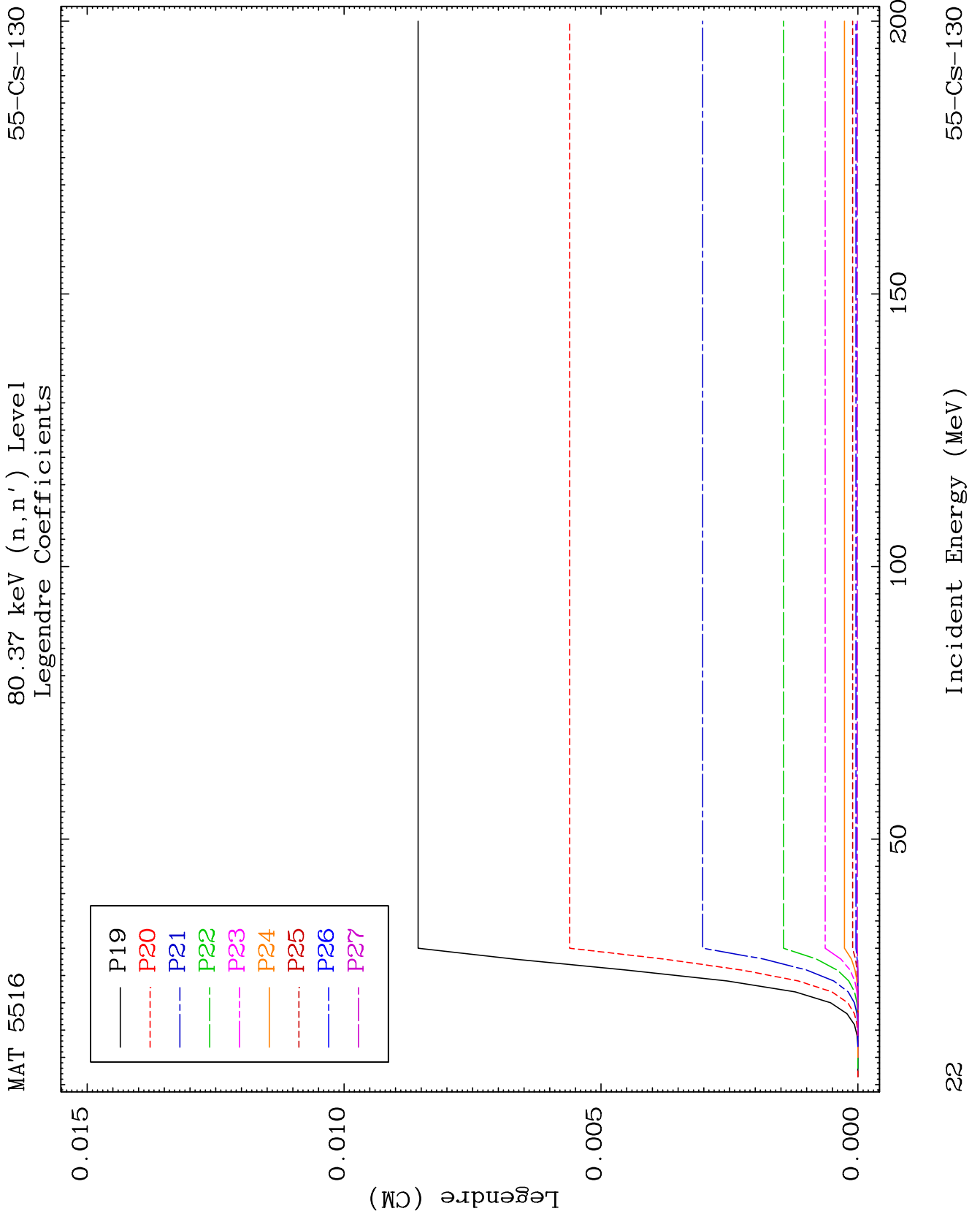
Incident Energy (MeV)

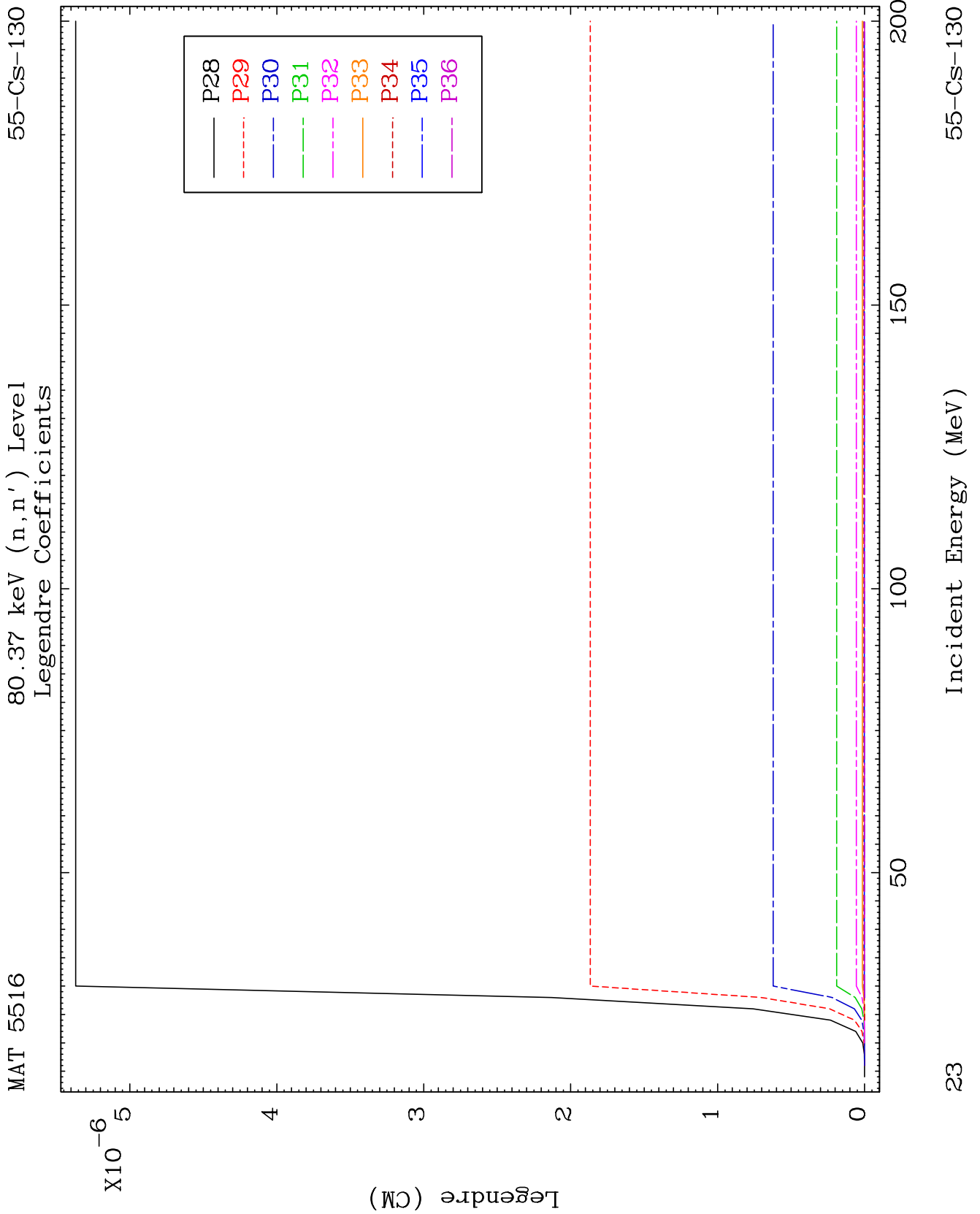
55-Cs-130

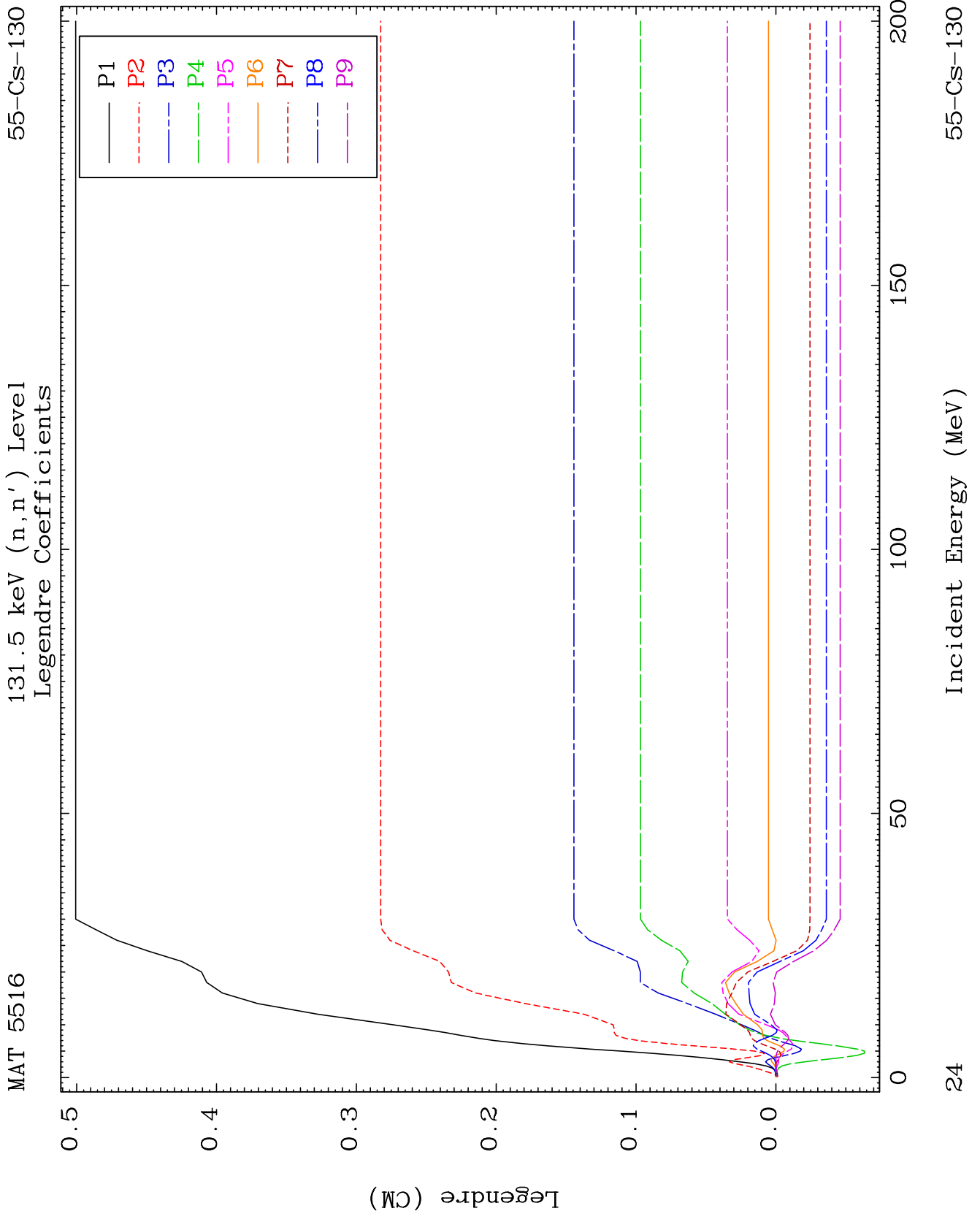


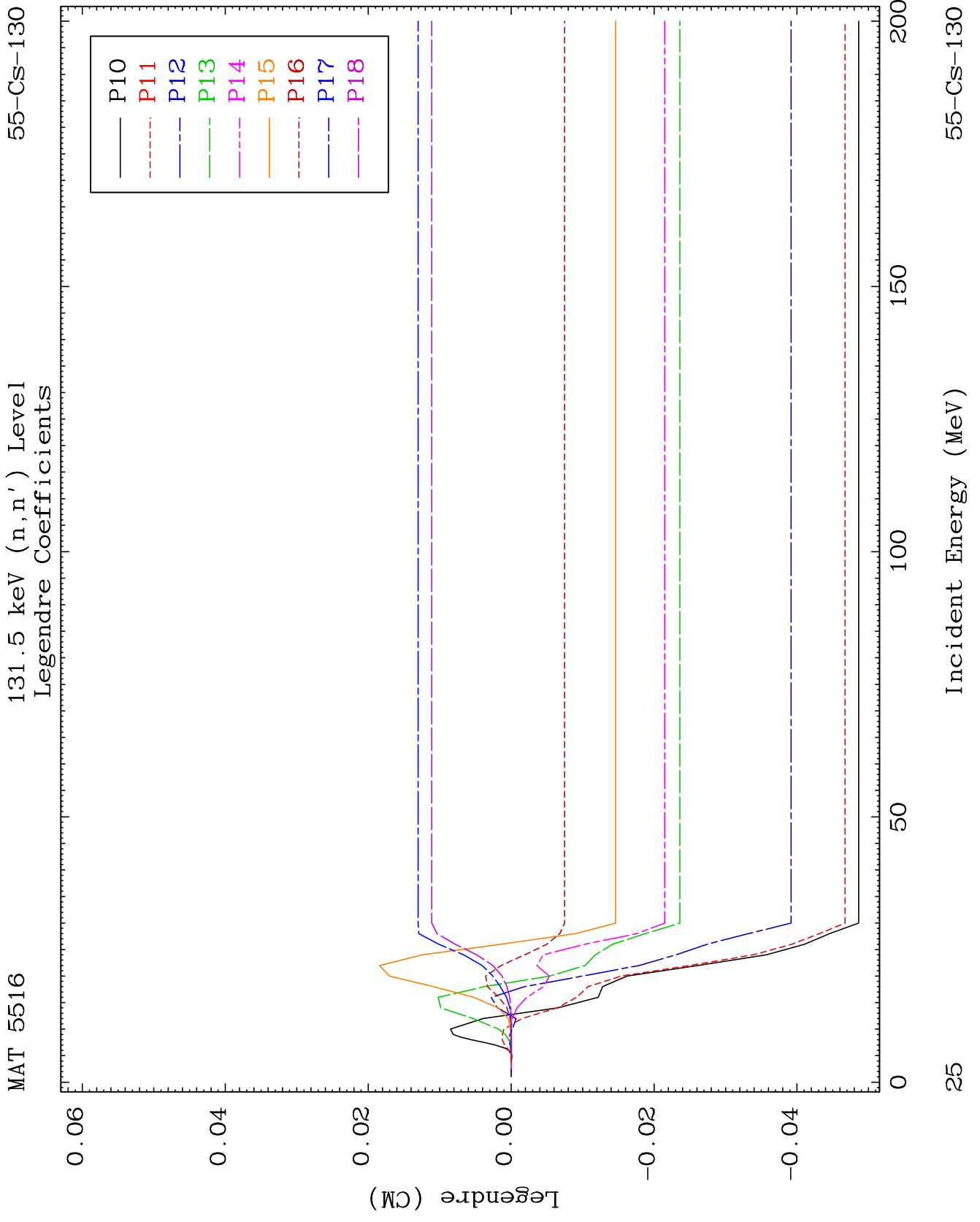


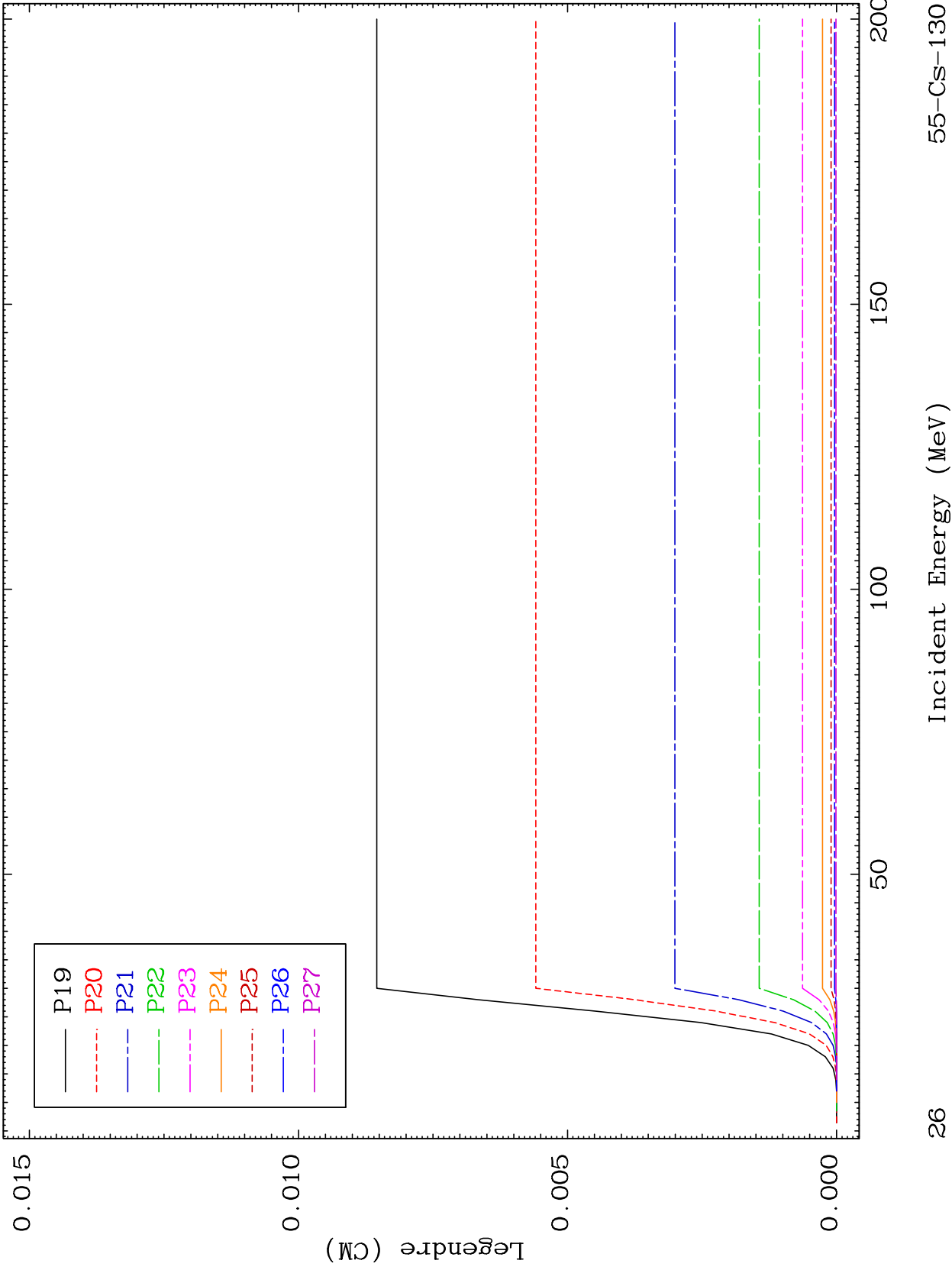


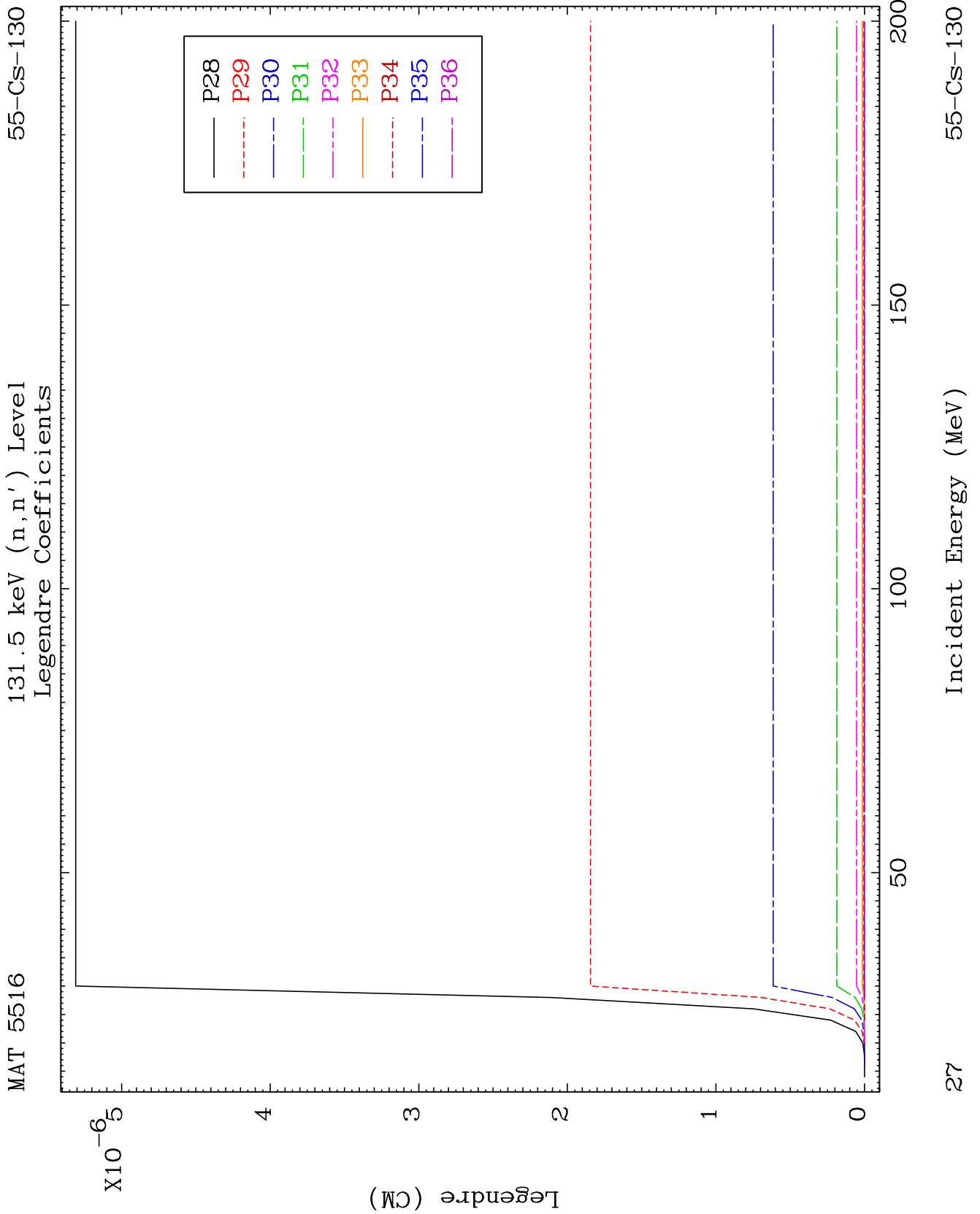


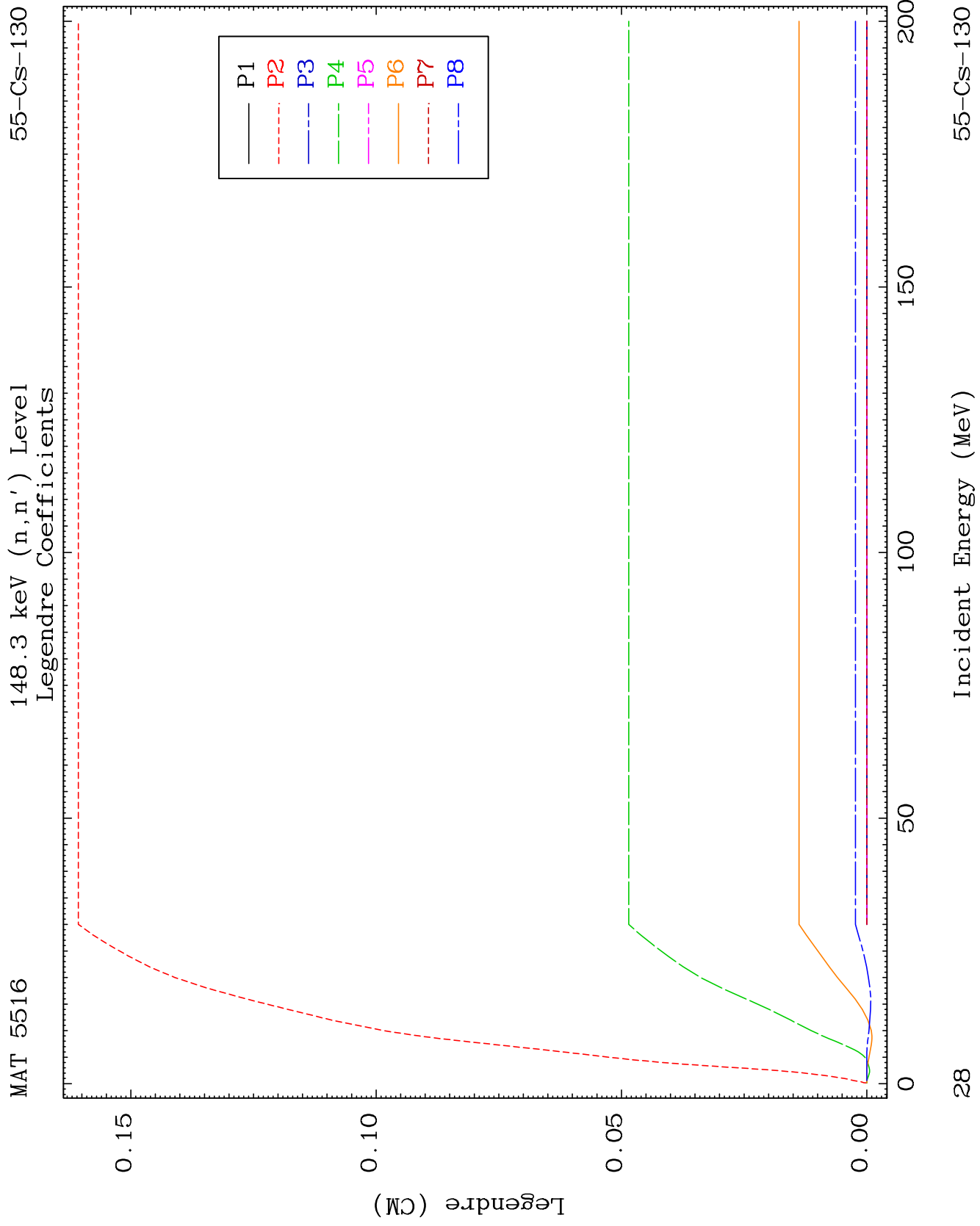


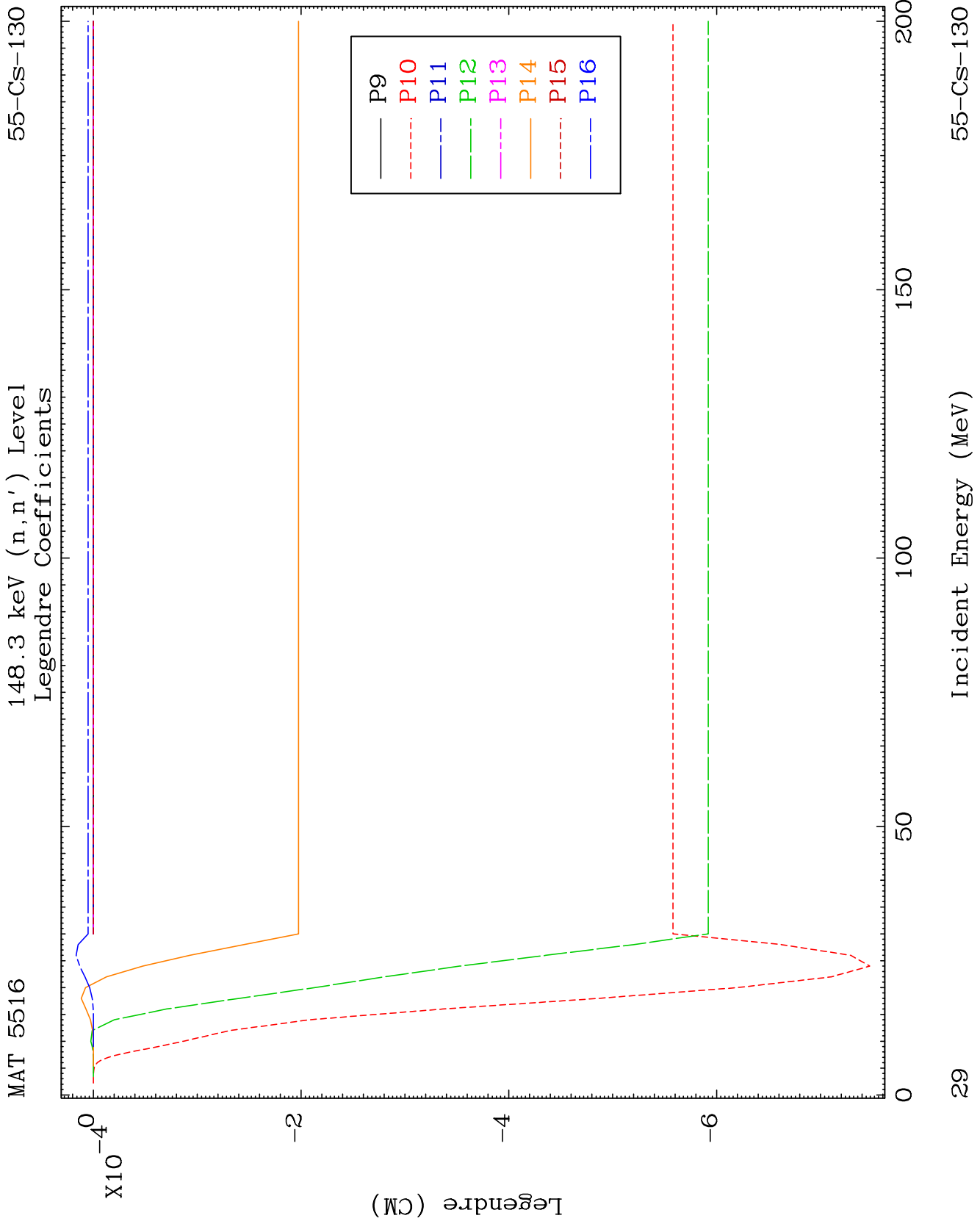


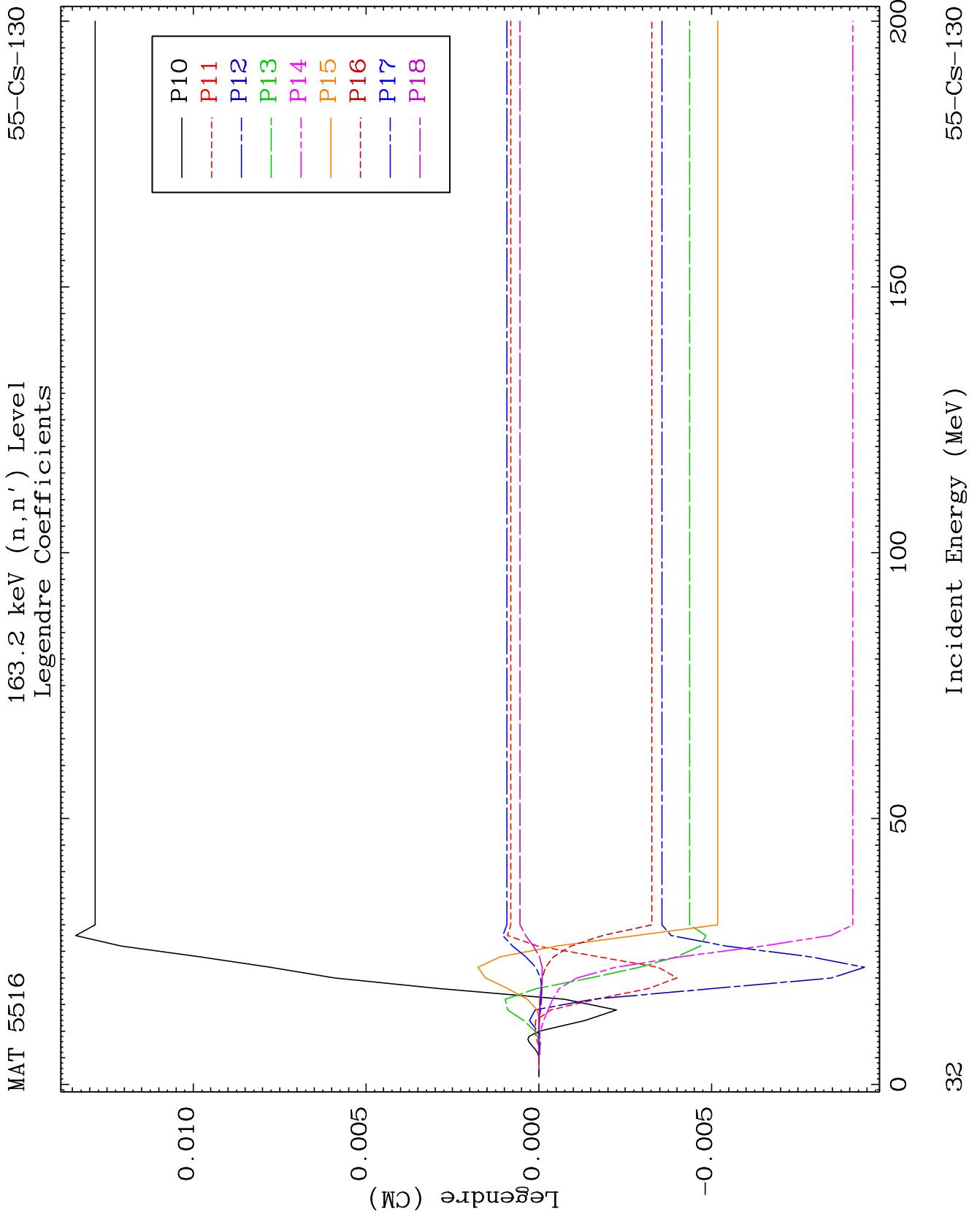


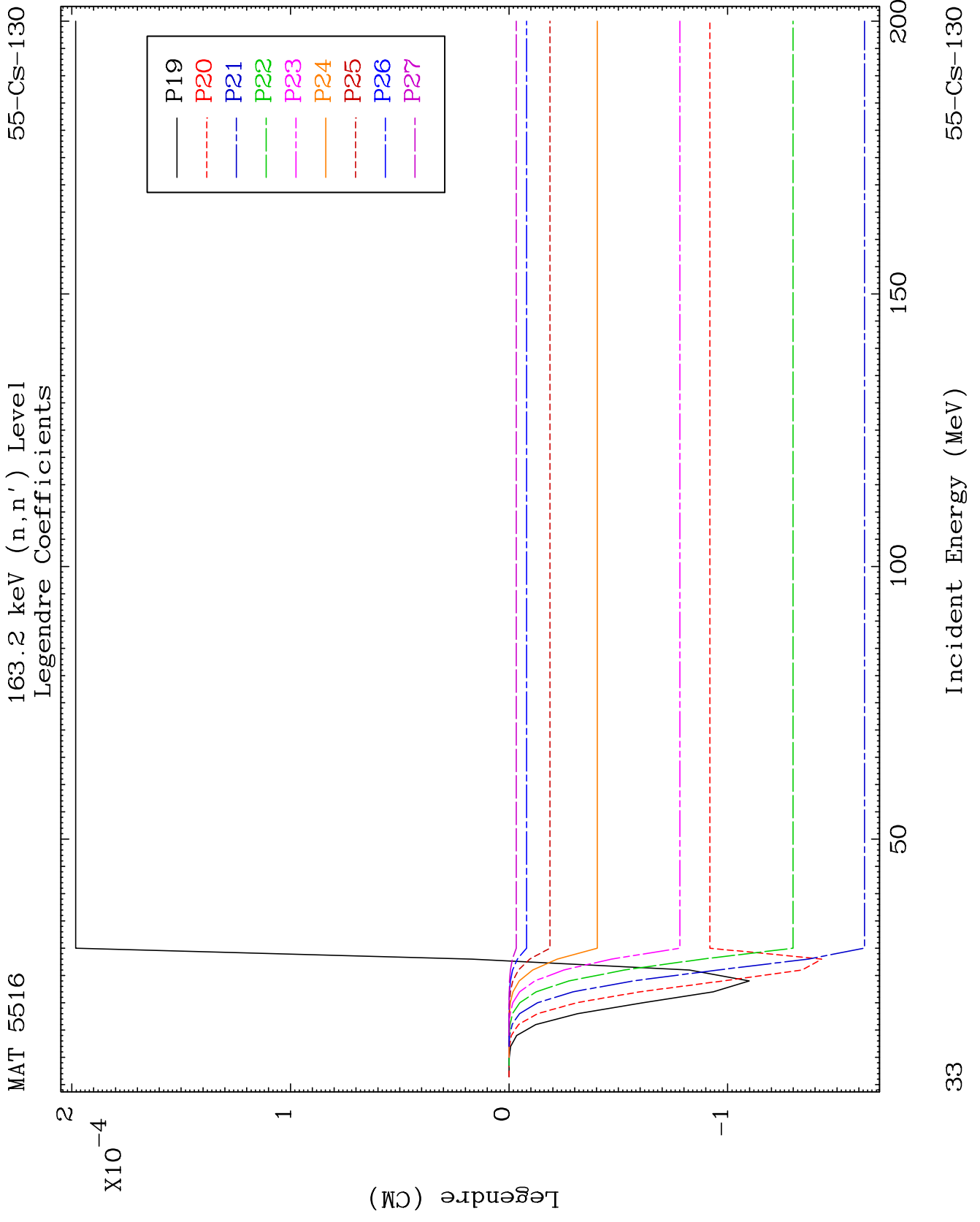


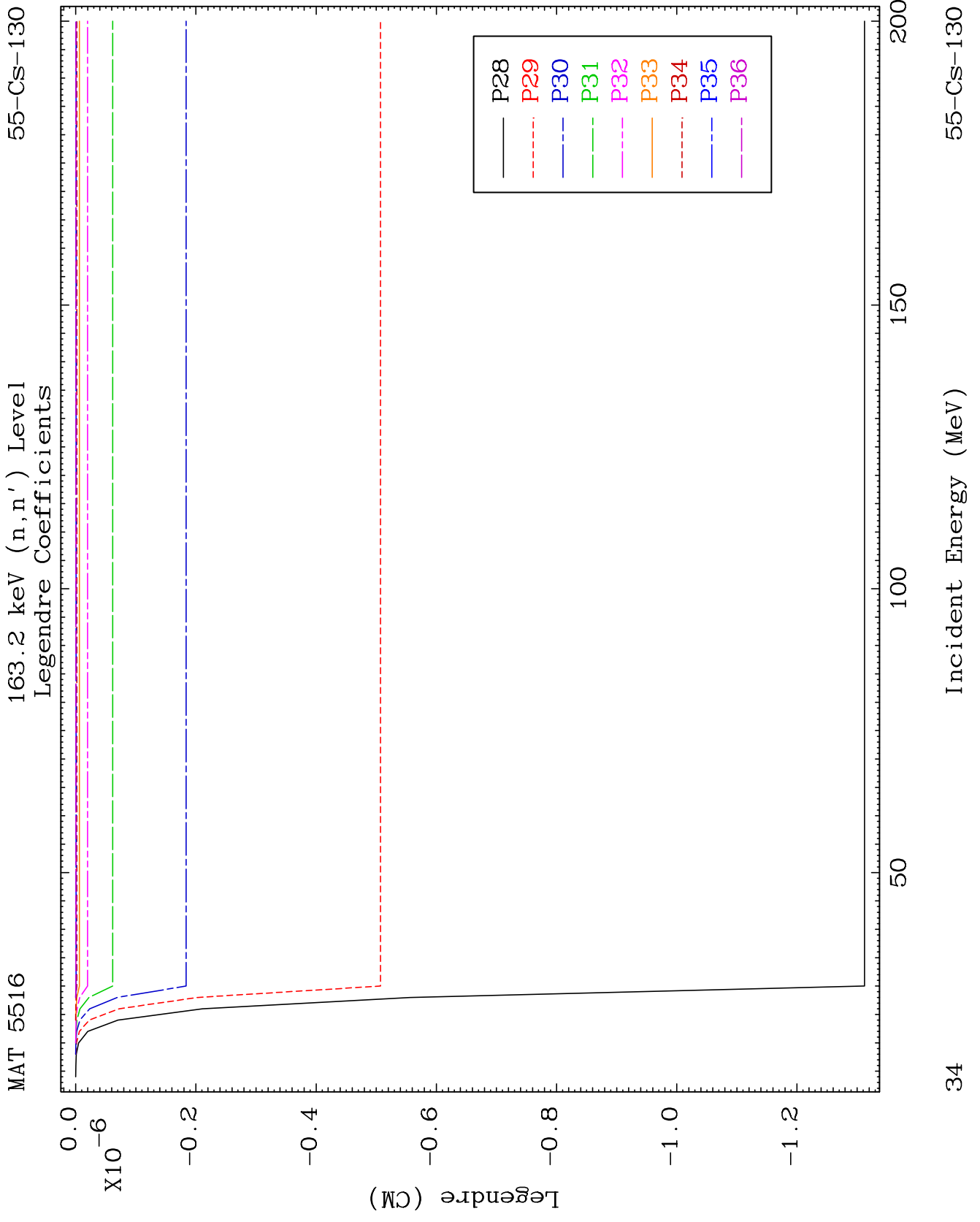


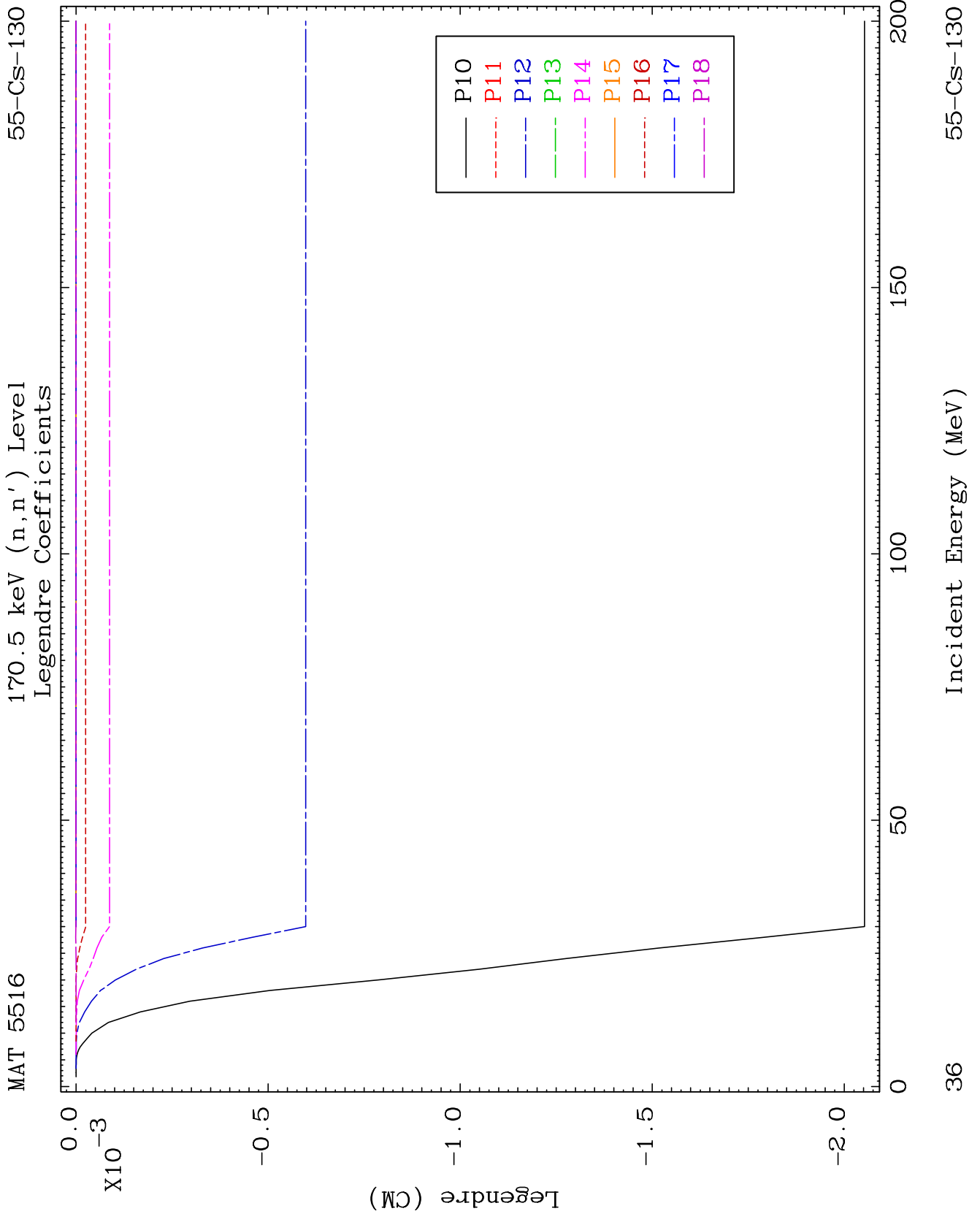


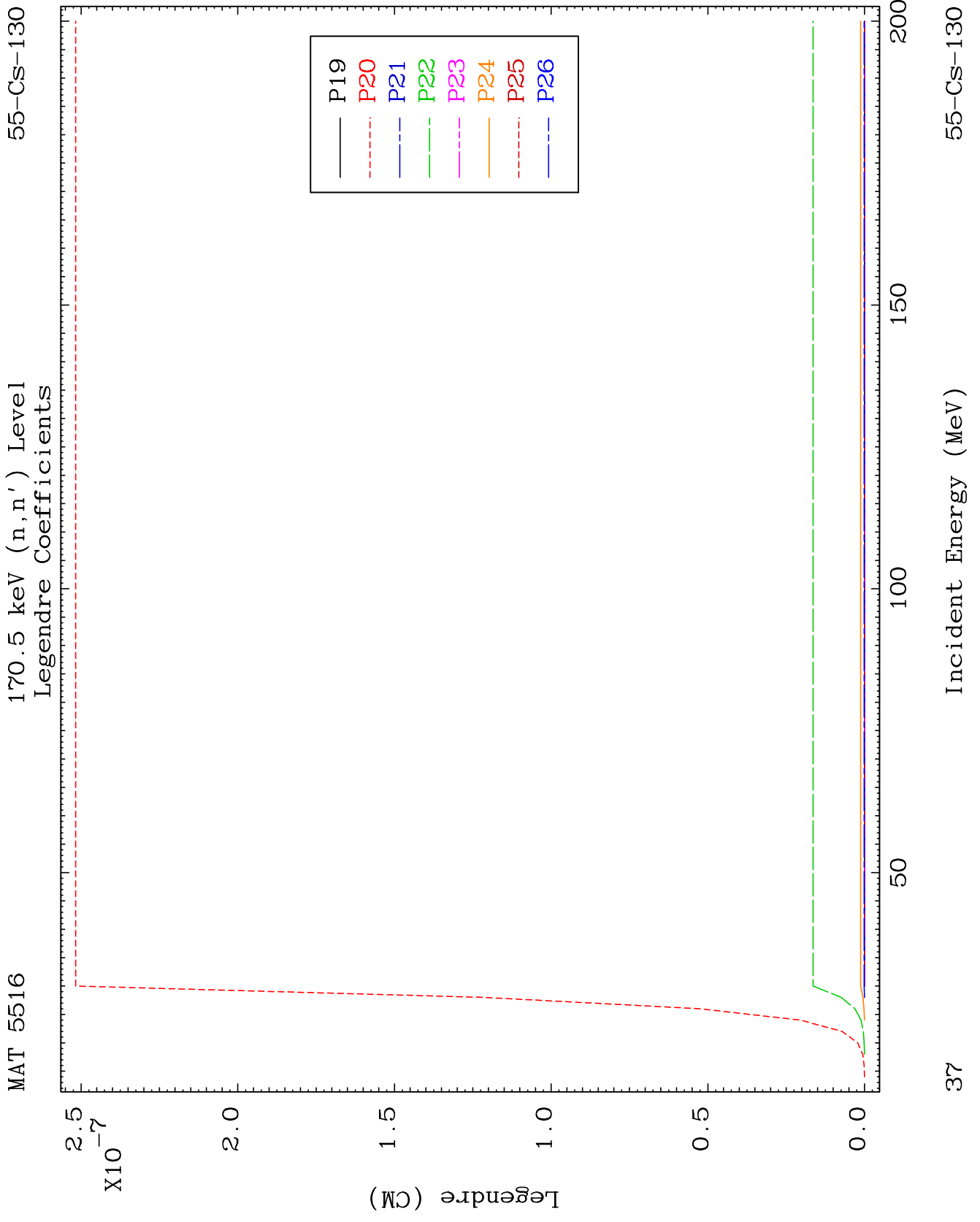


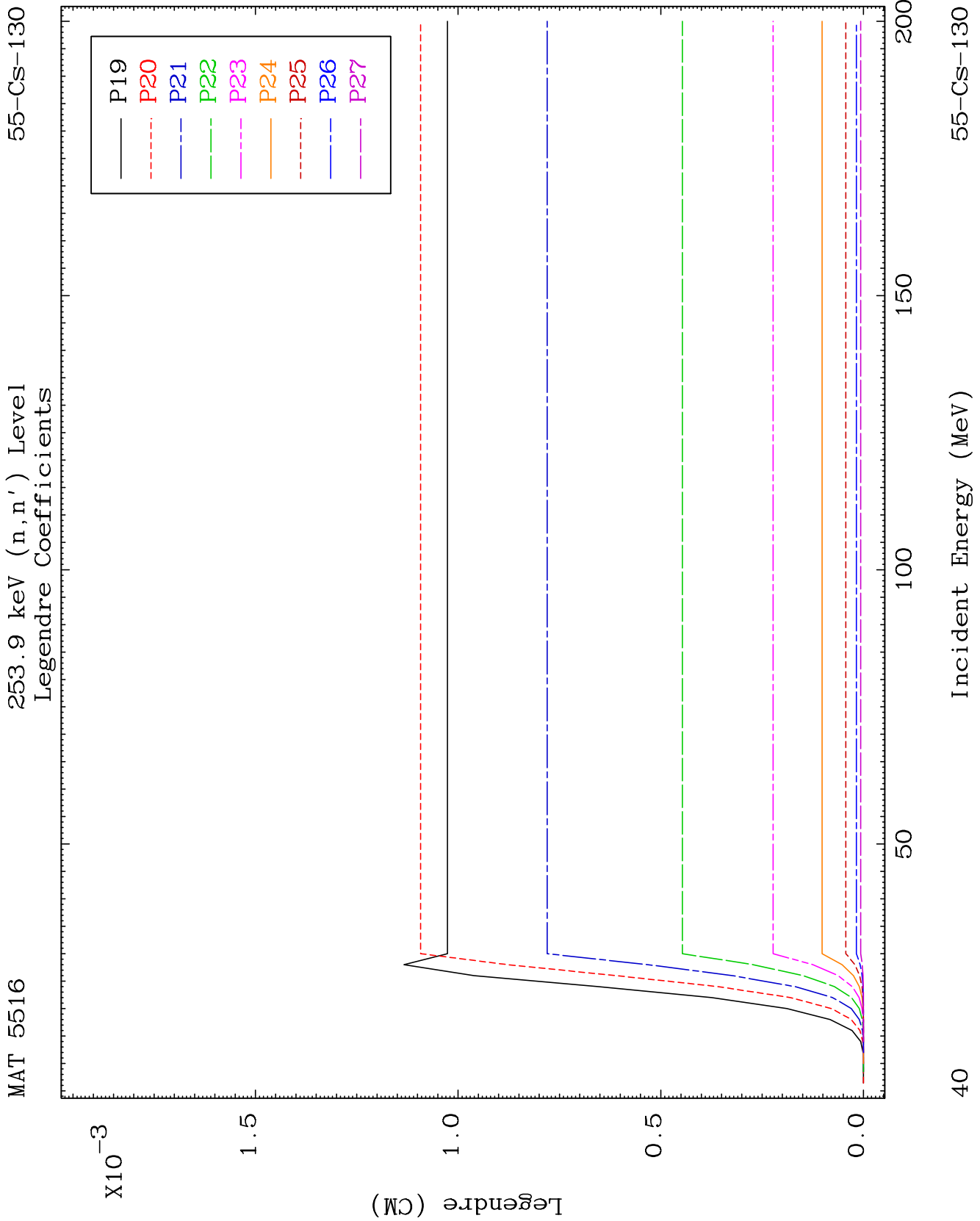


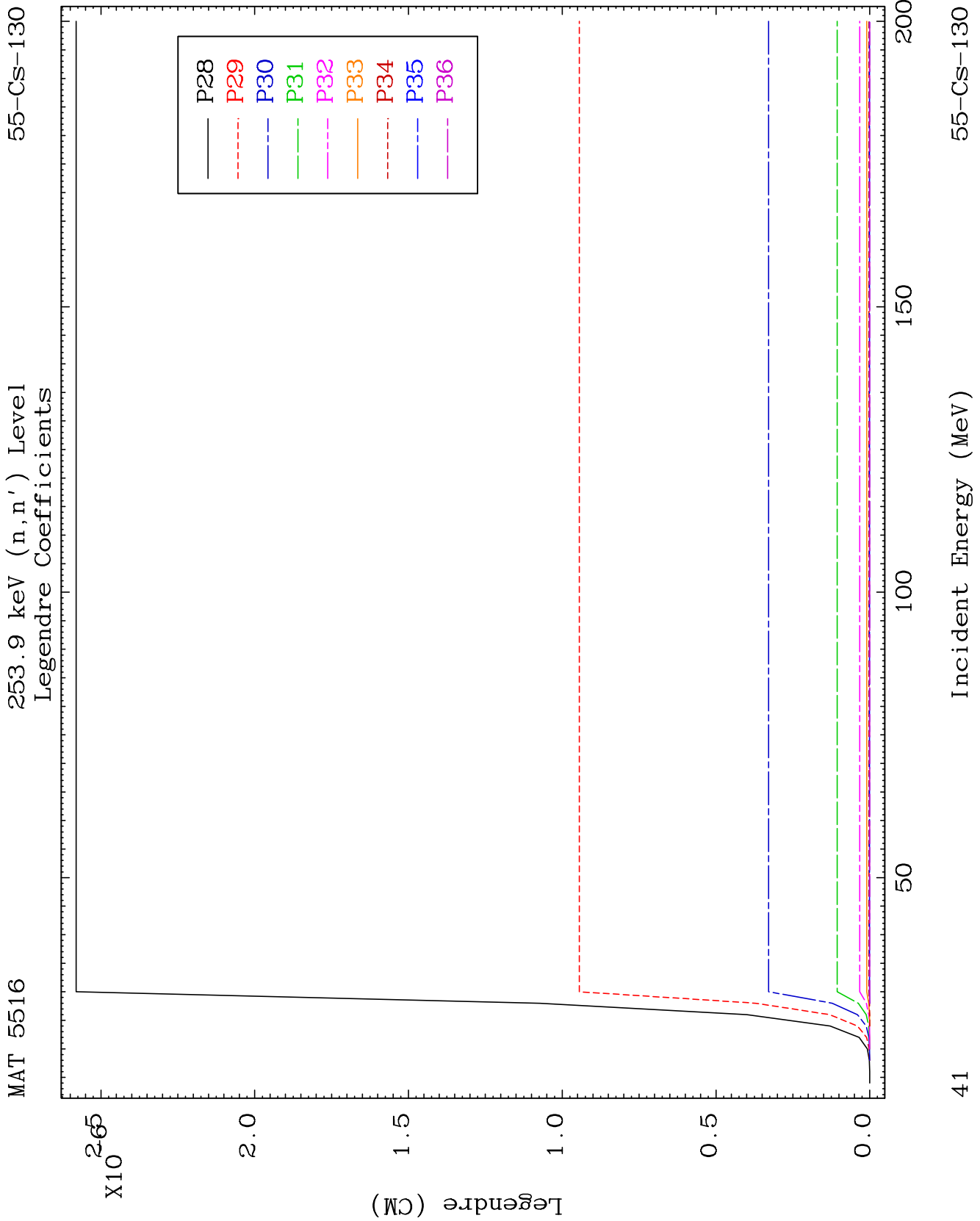


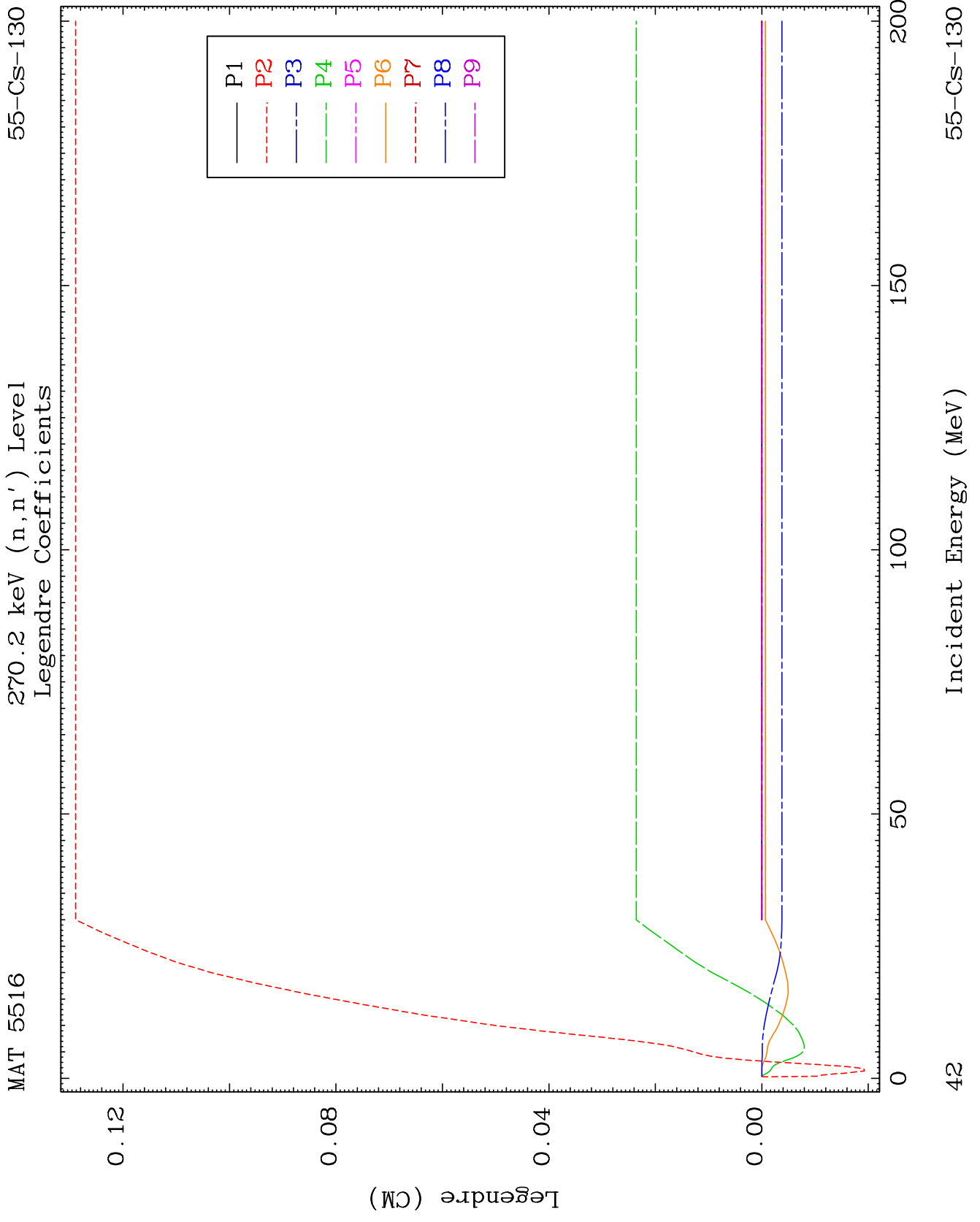


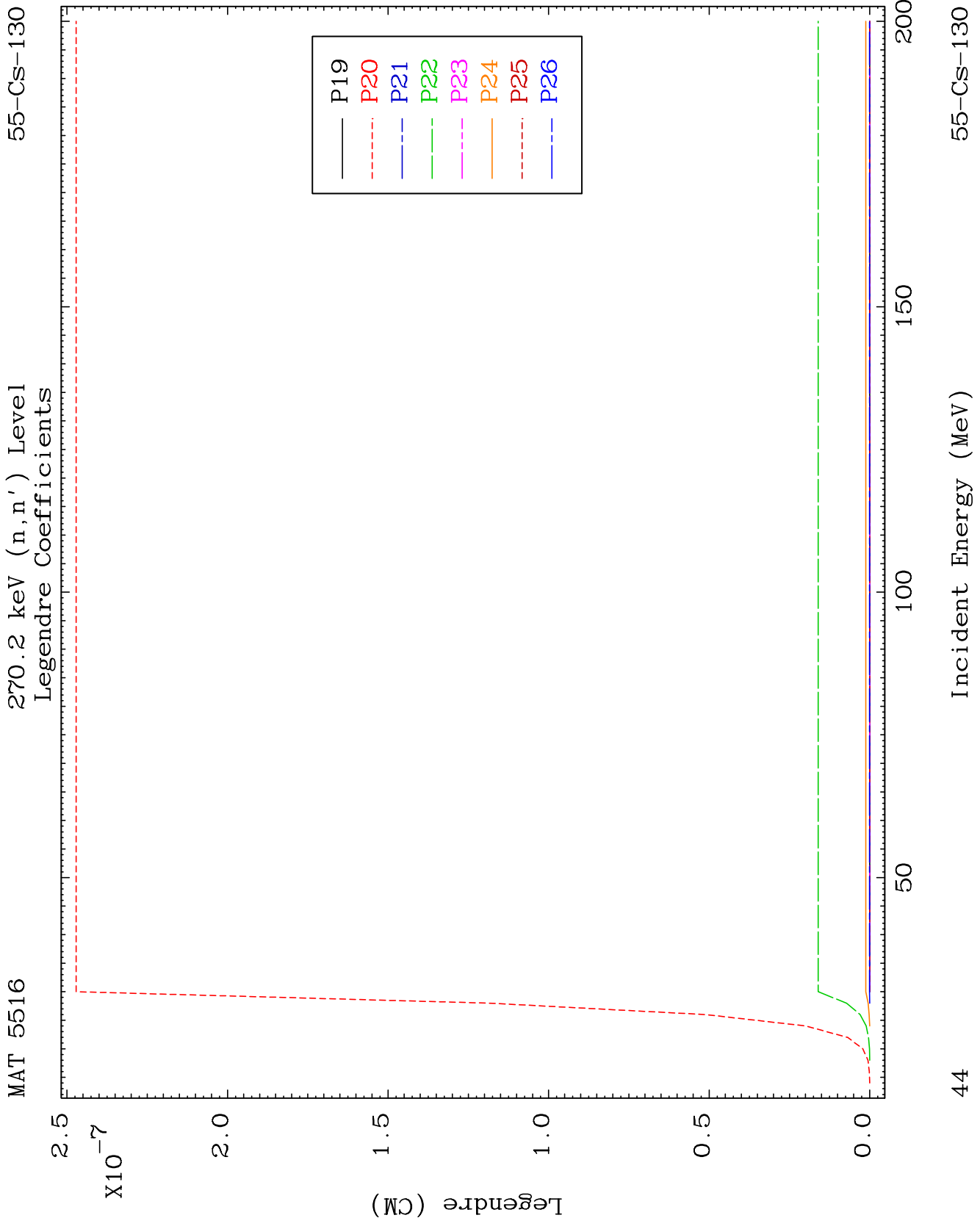


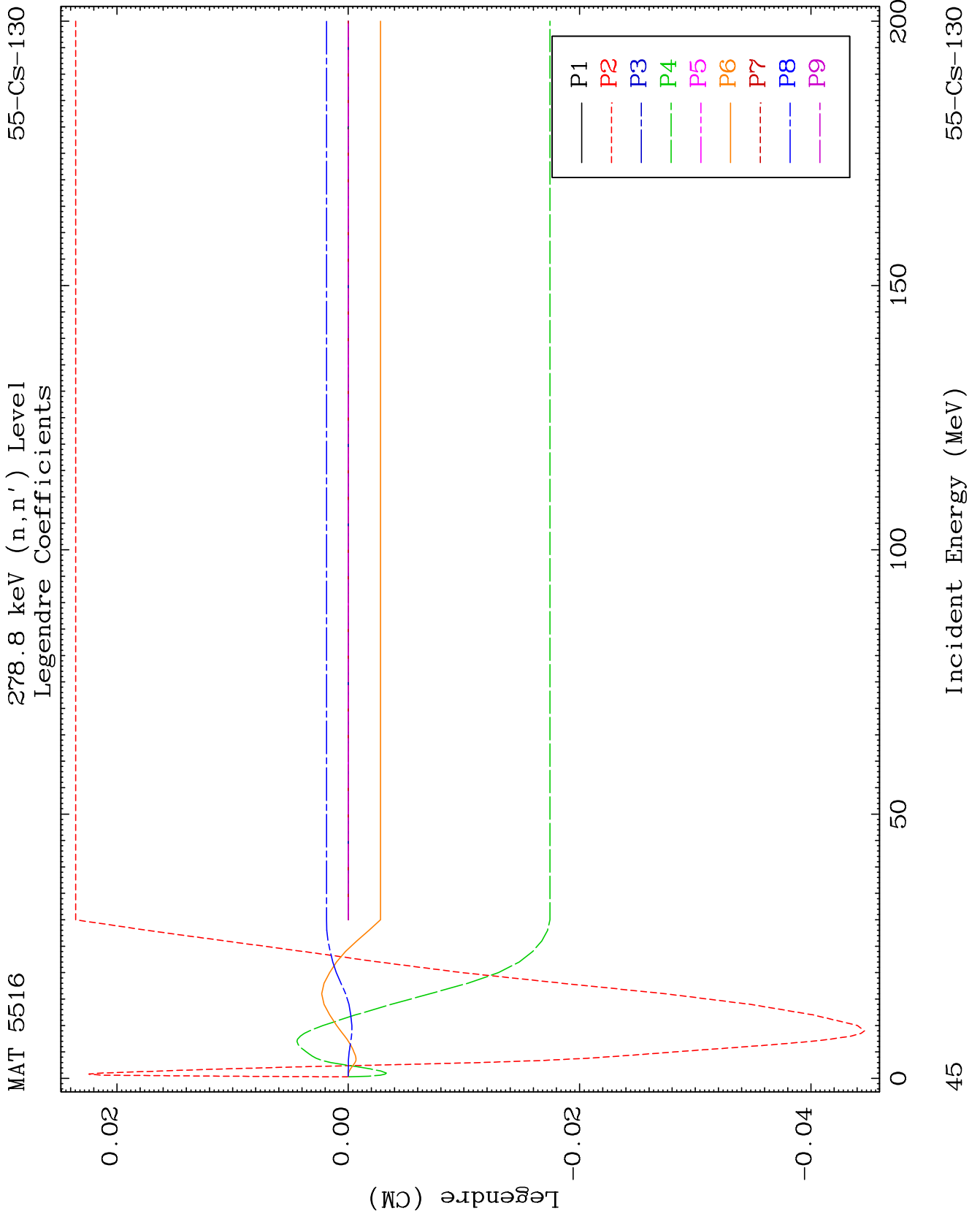


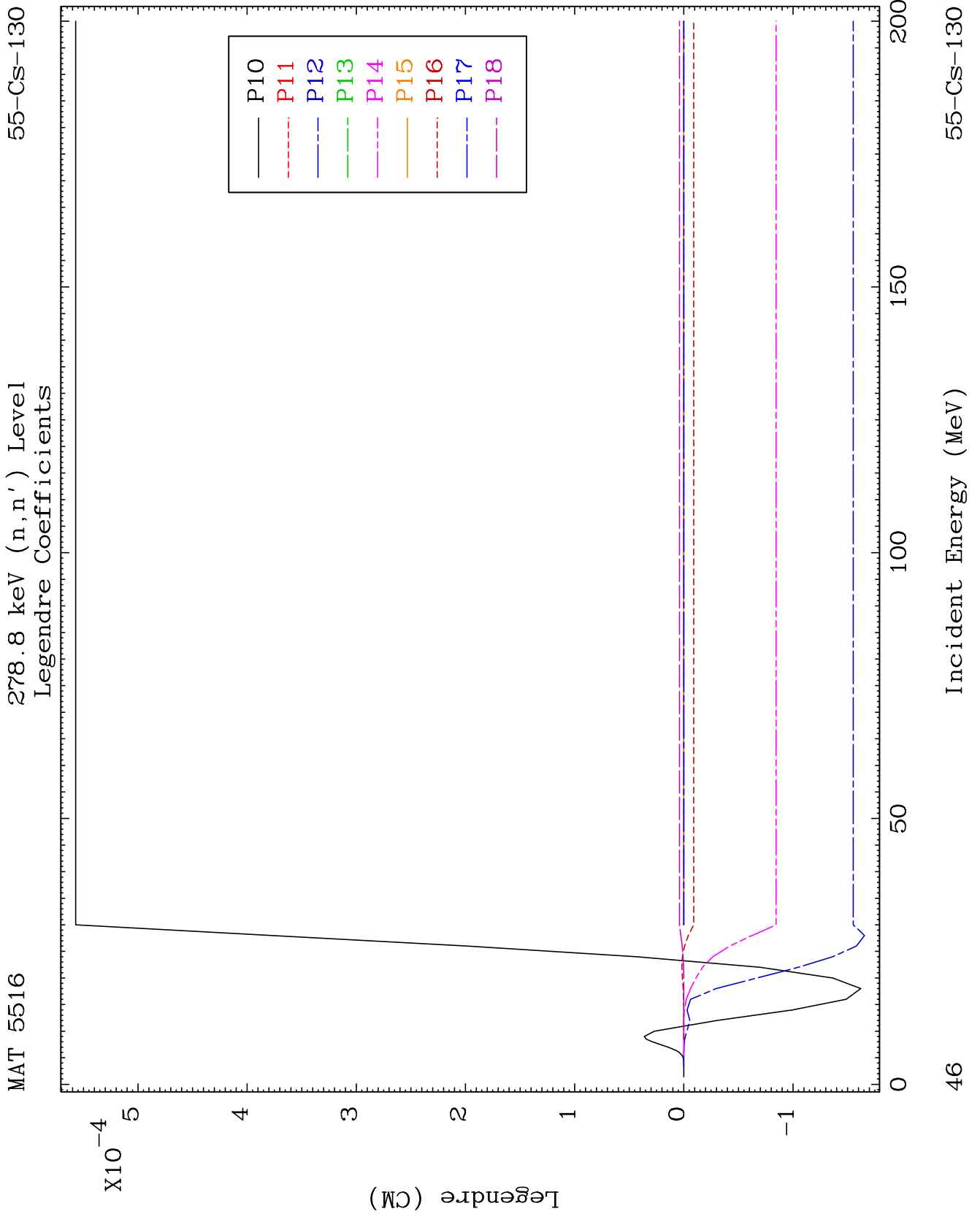


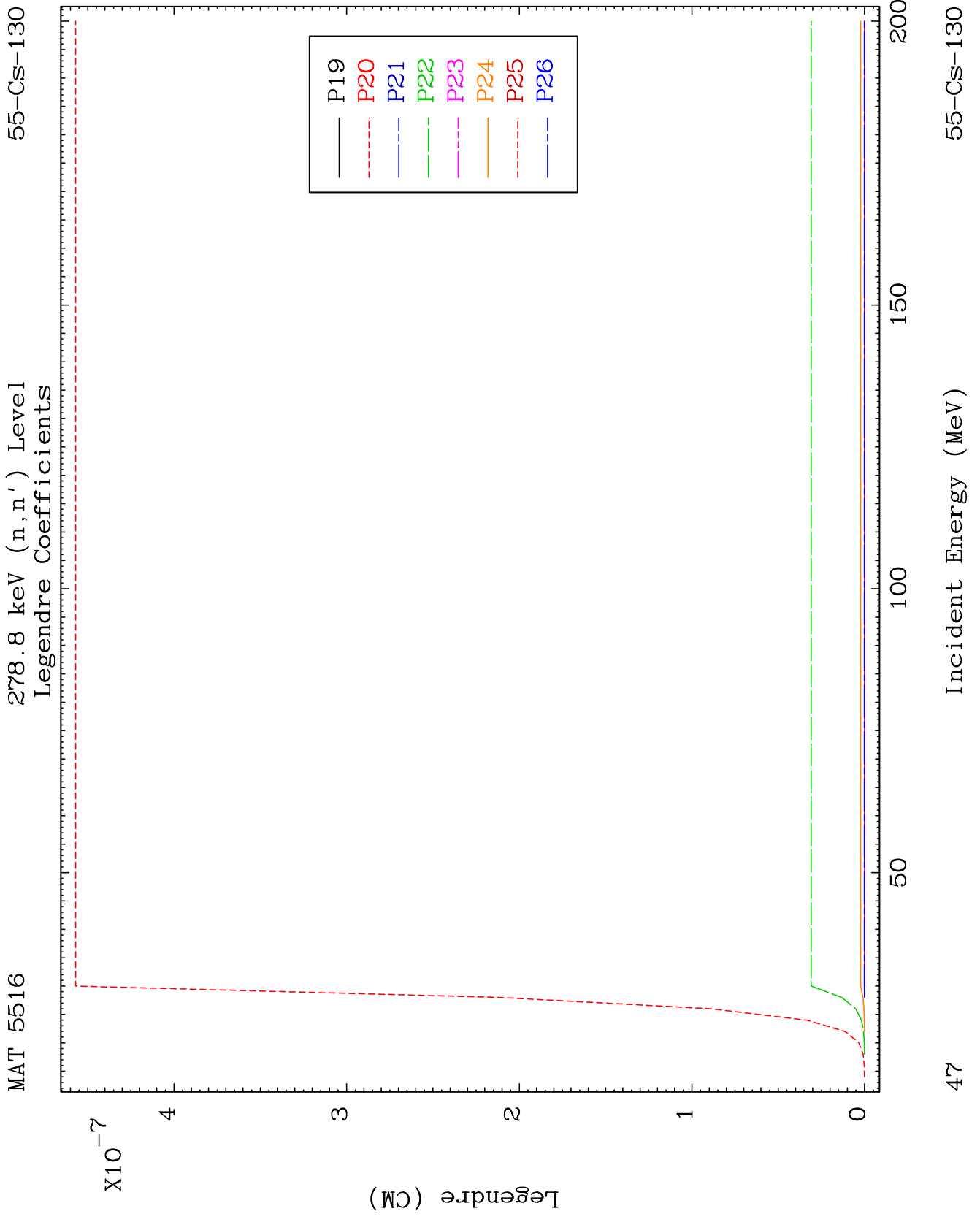


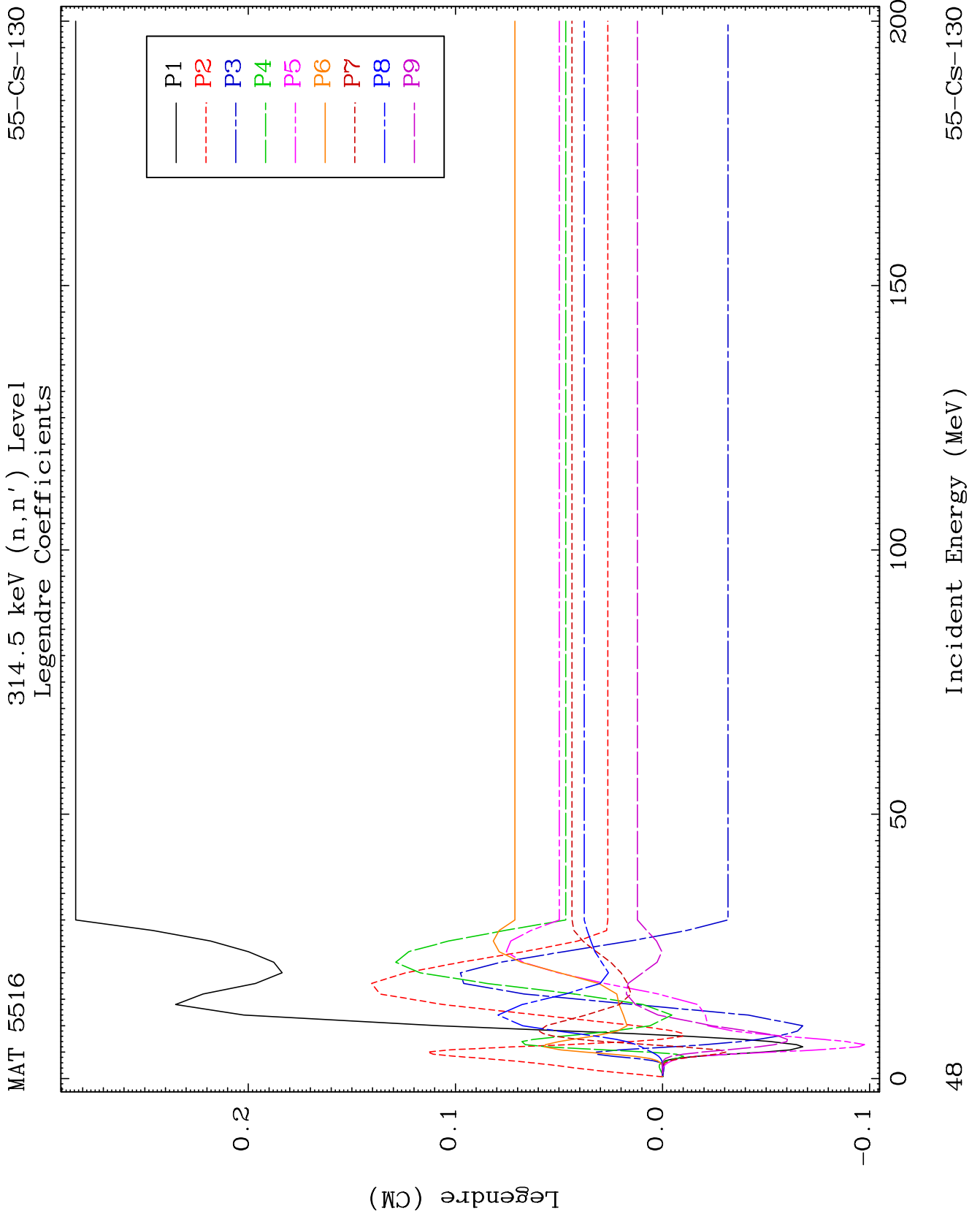


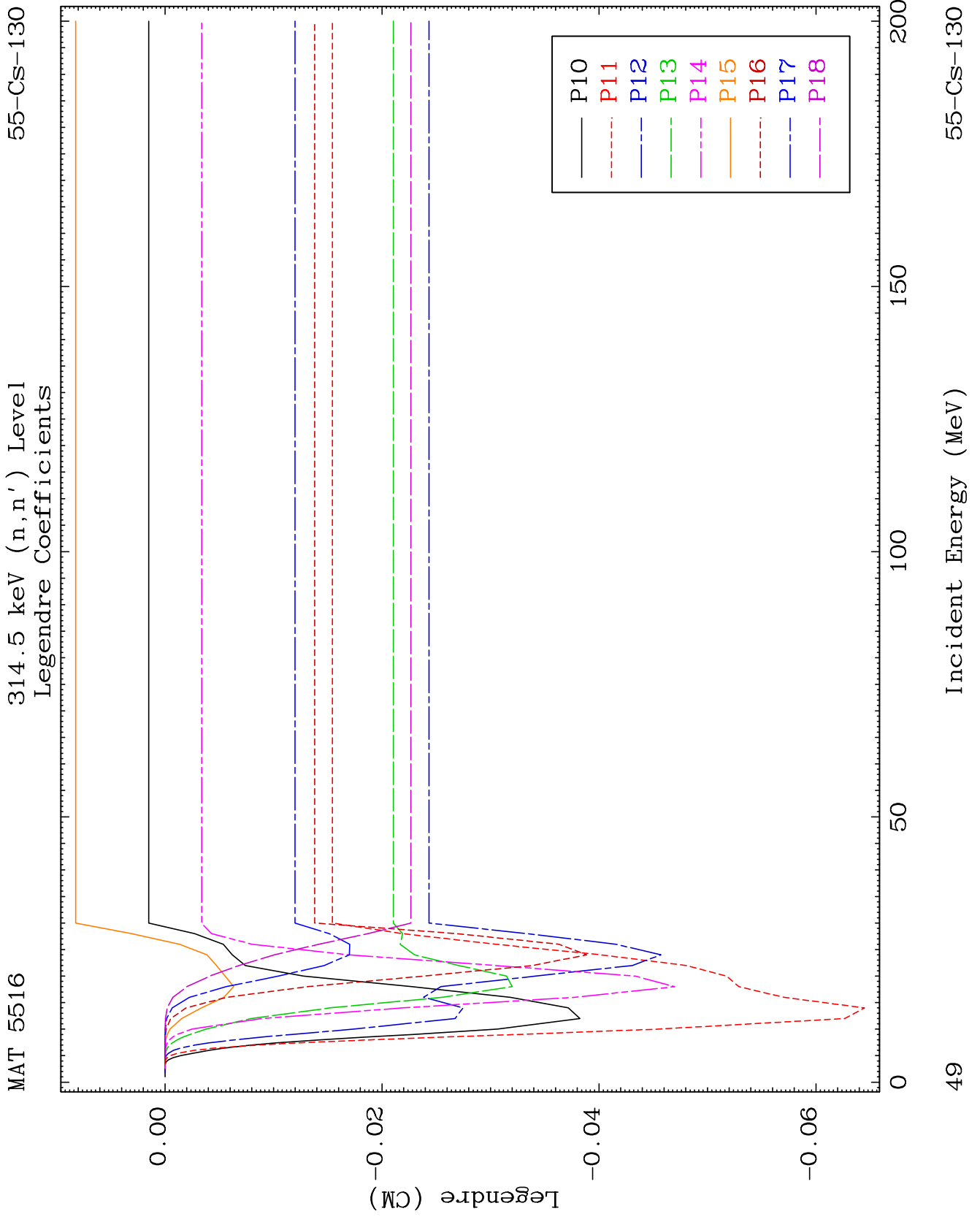


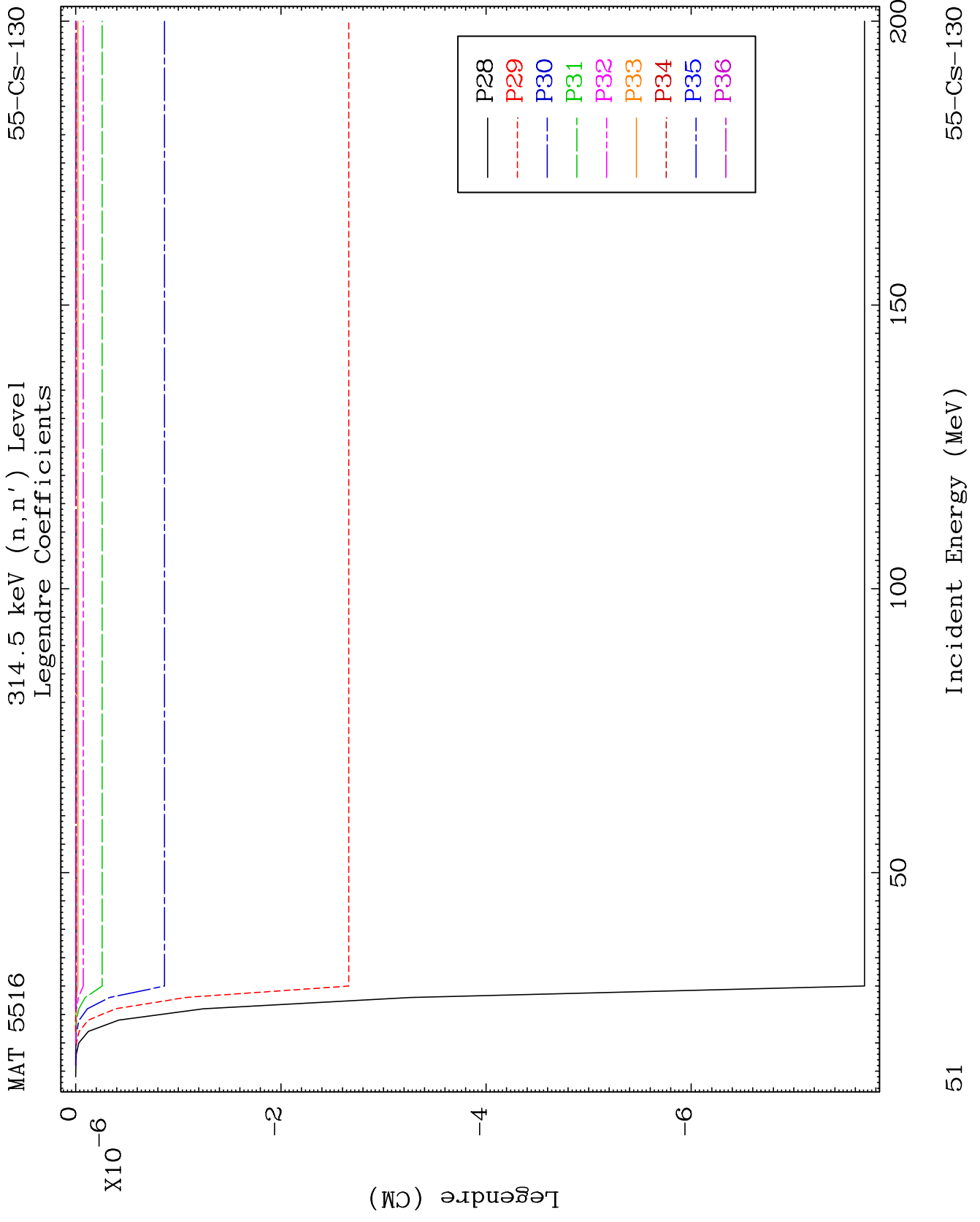


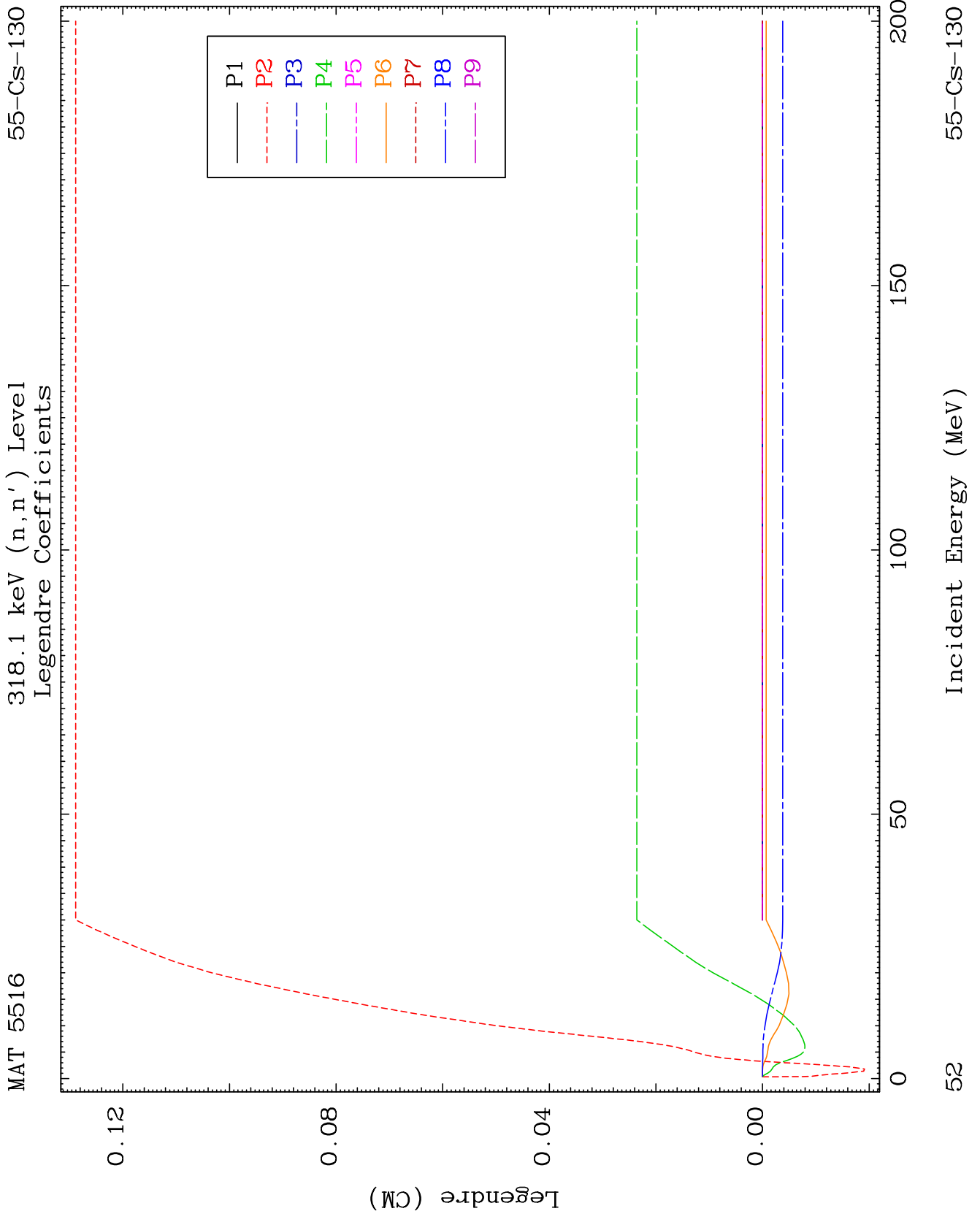


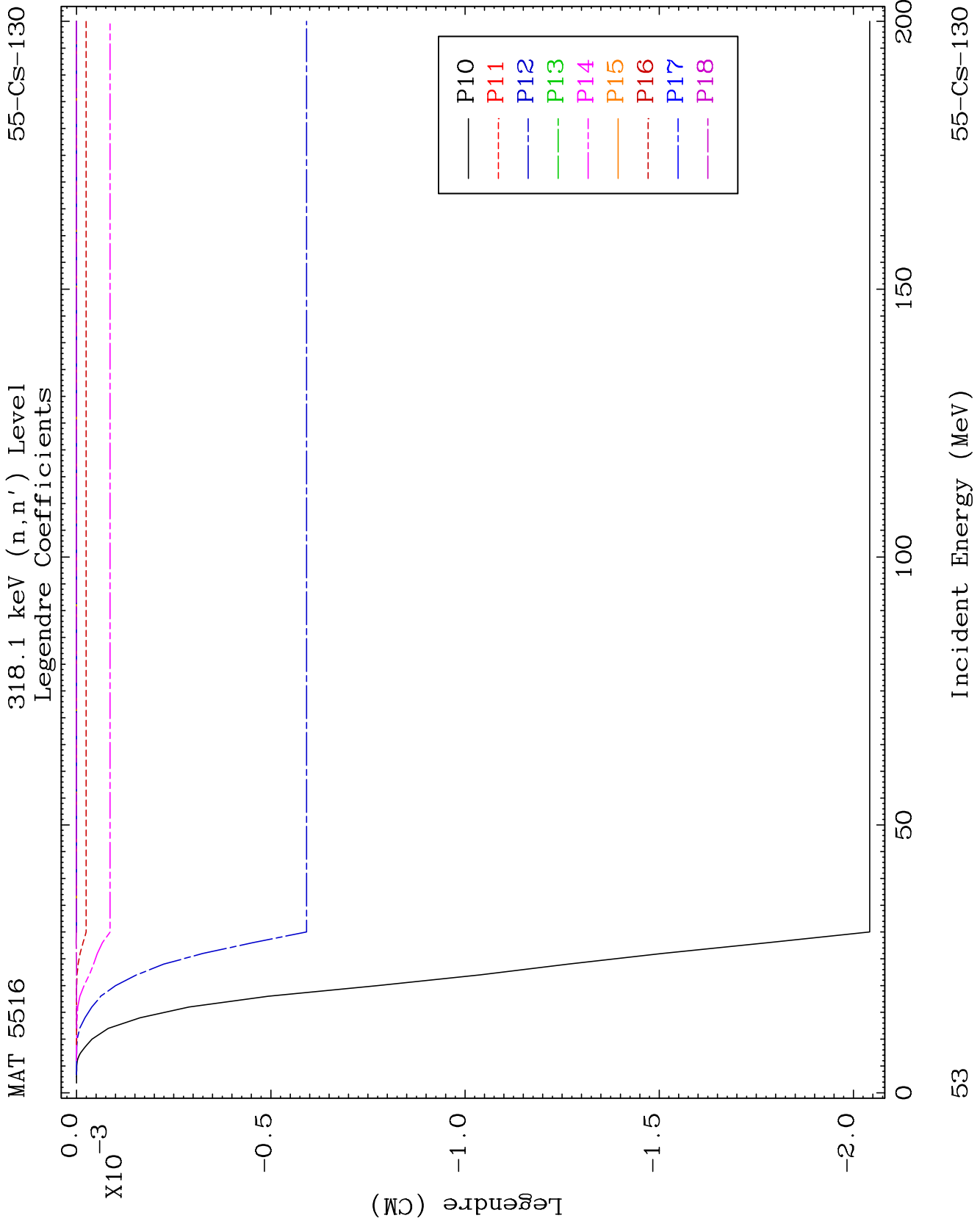


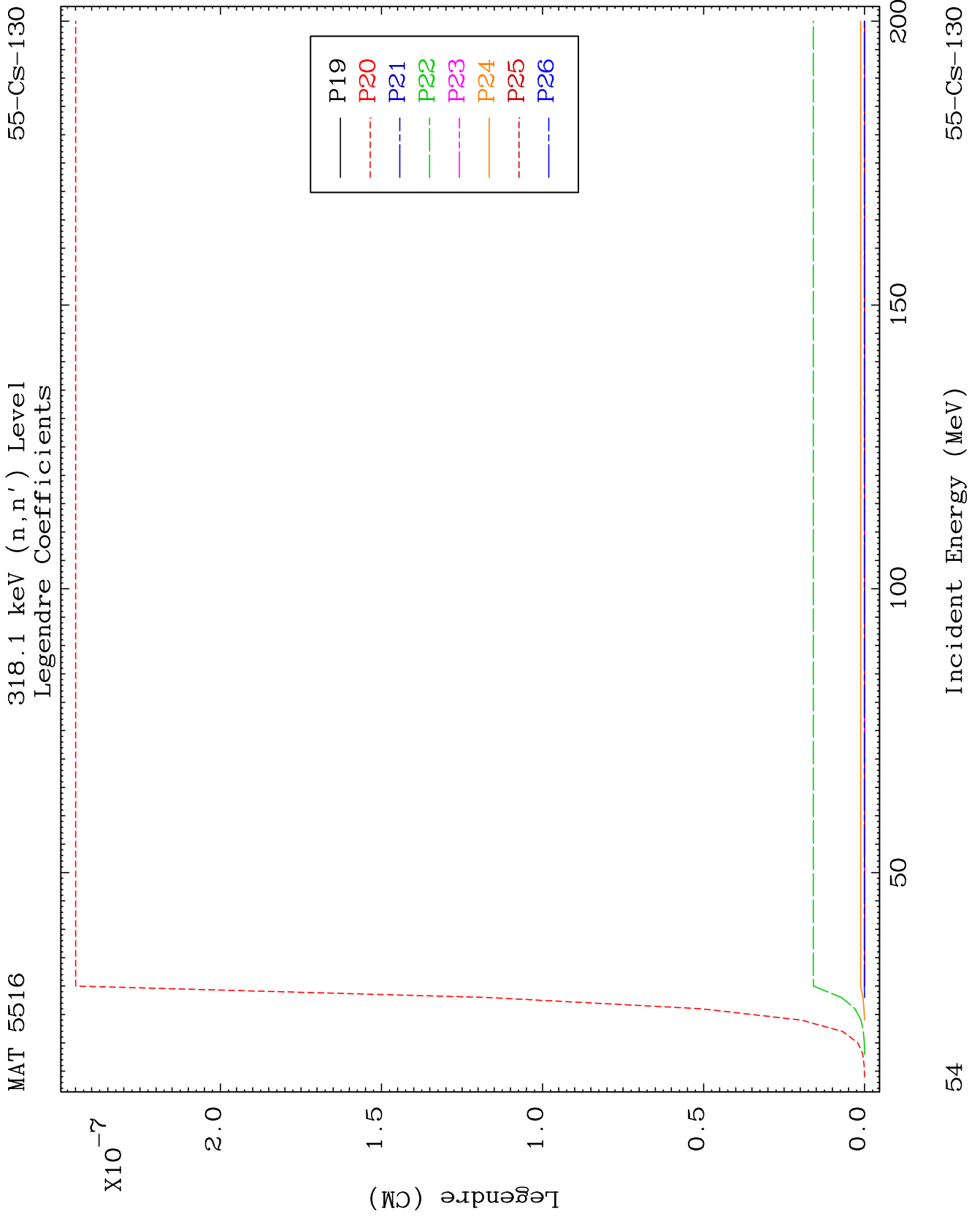


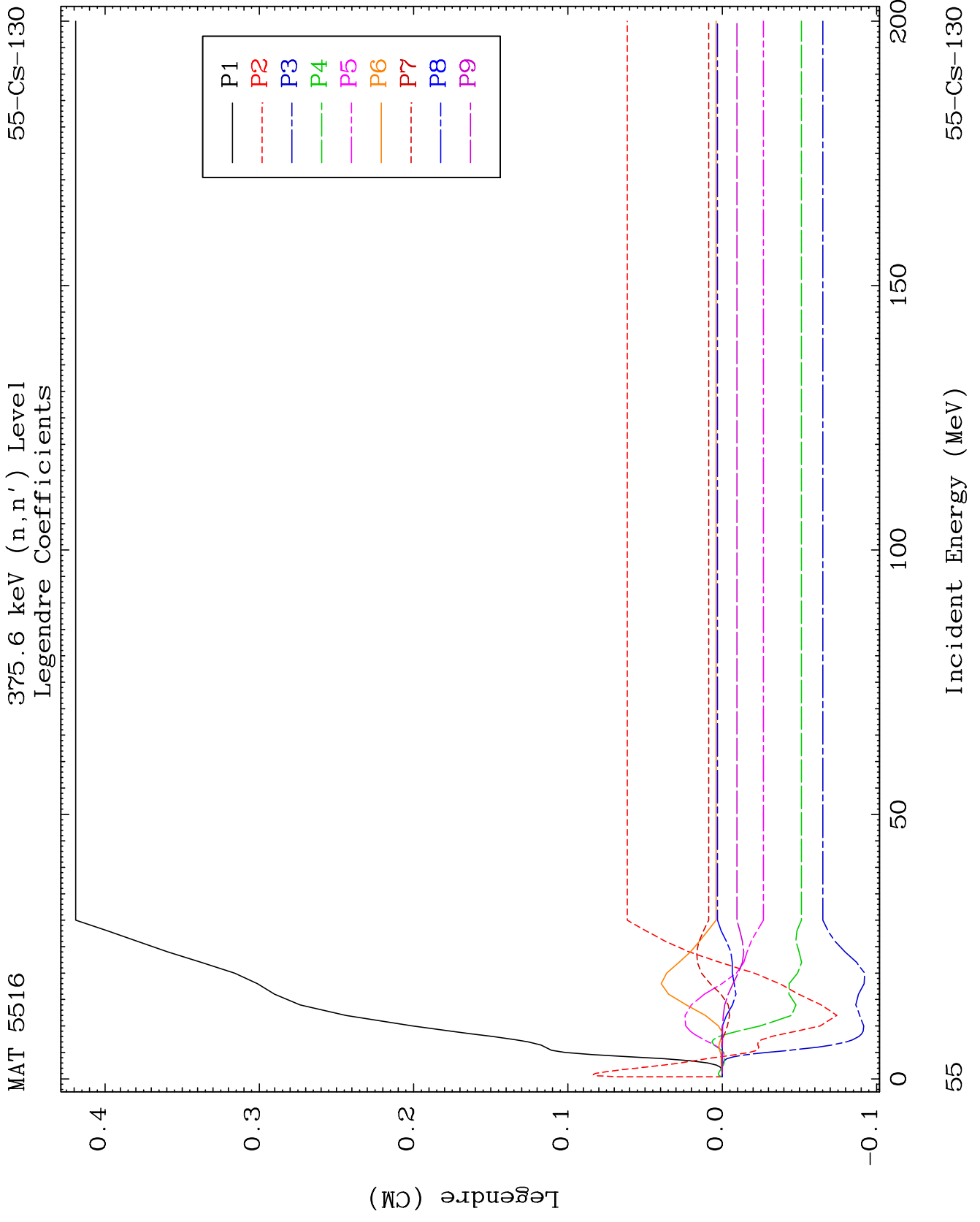


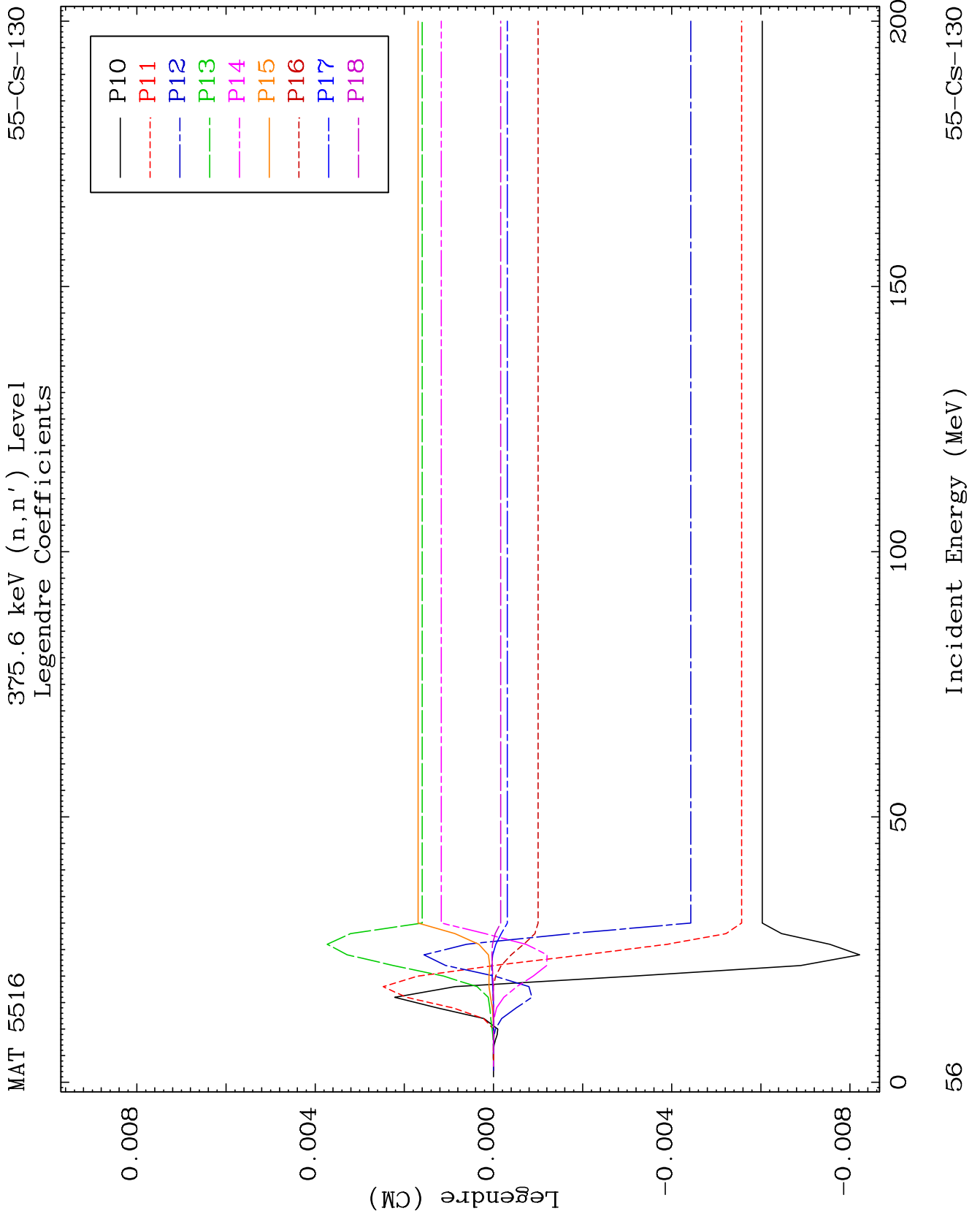


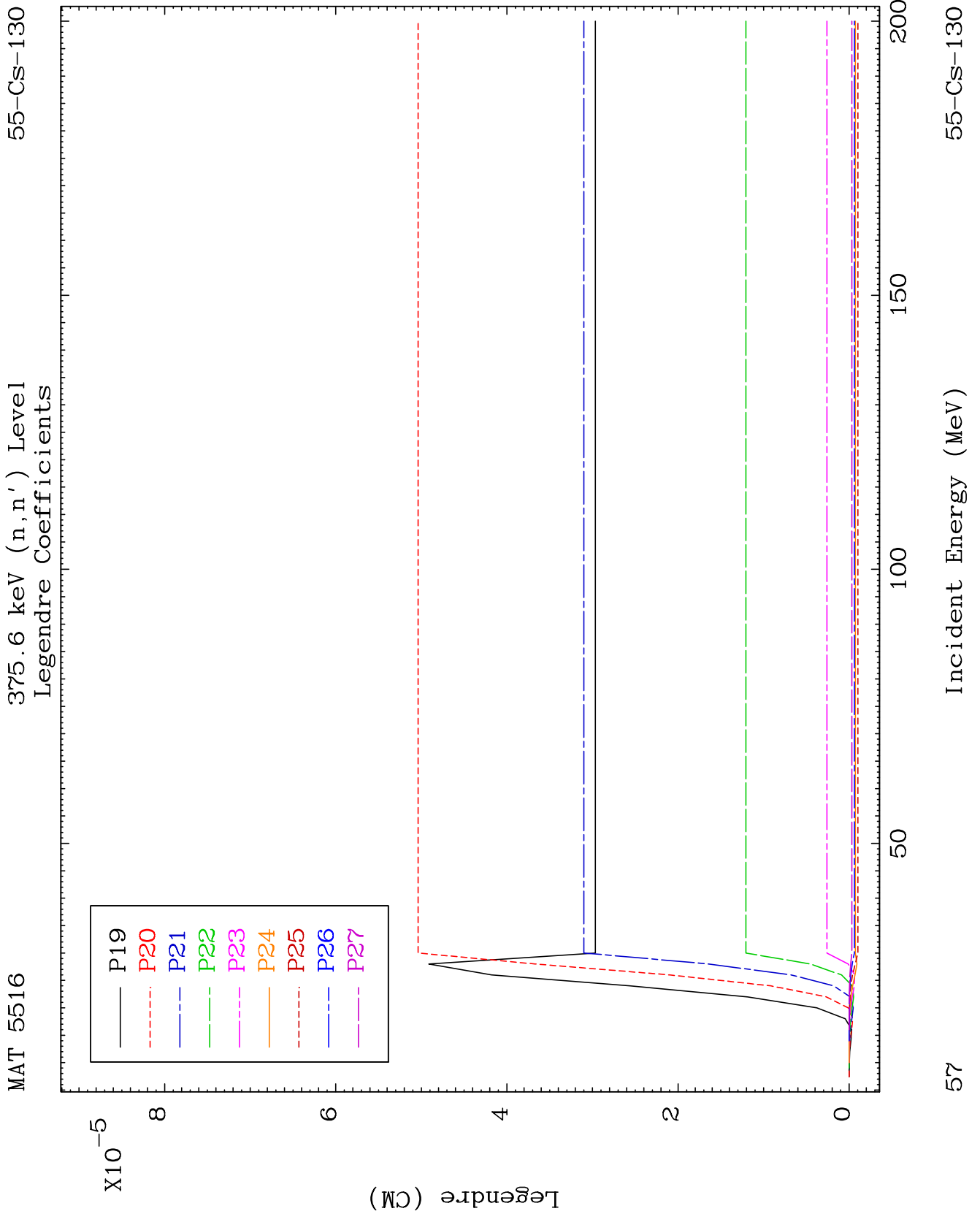


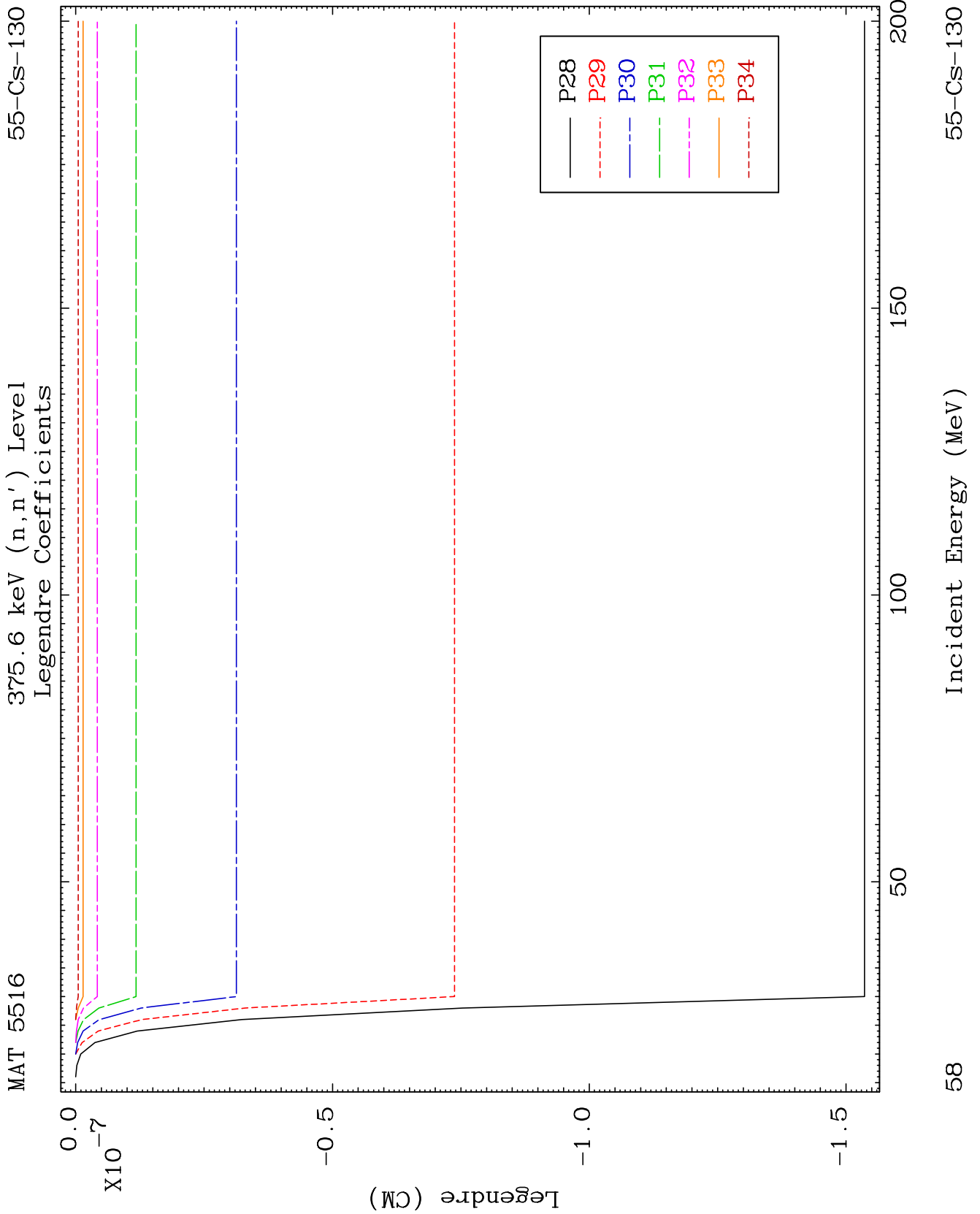


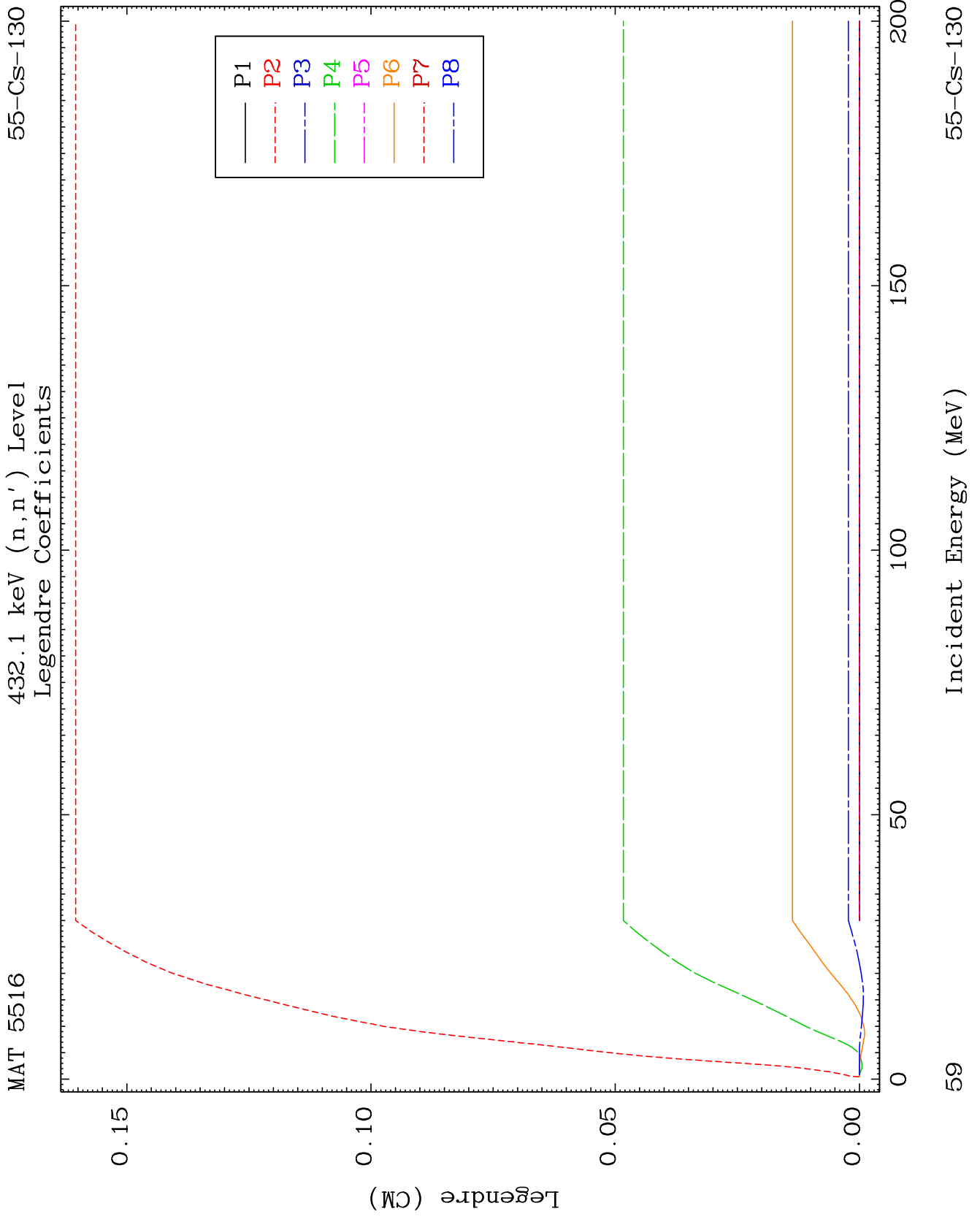


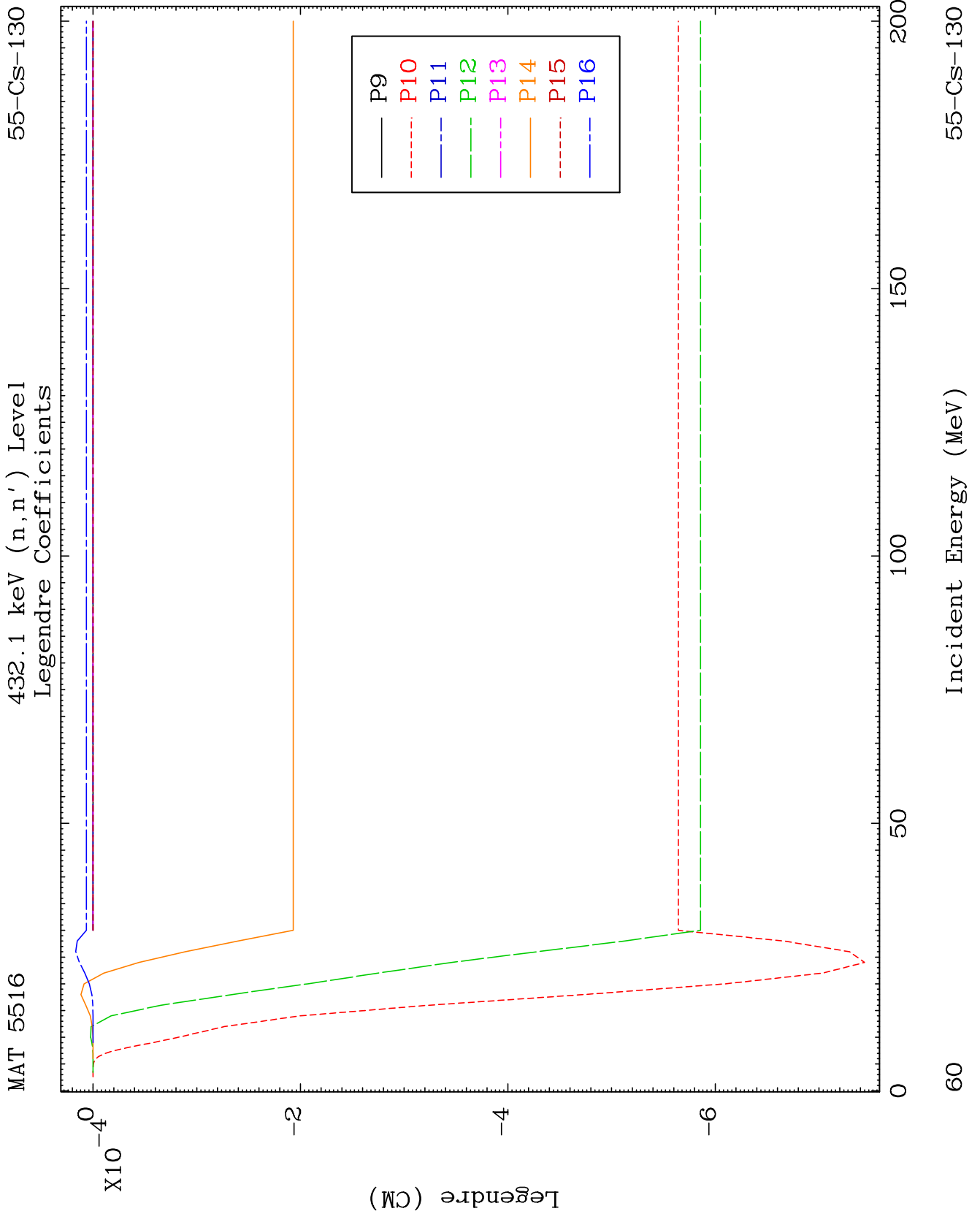


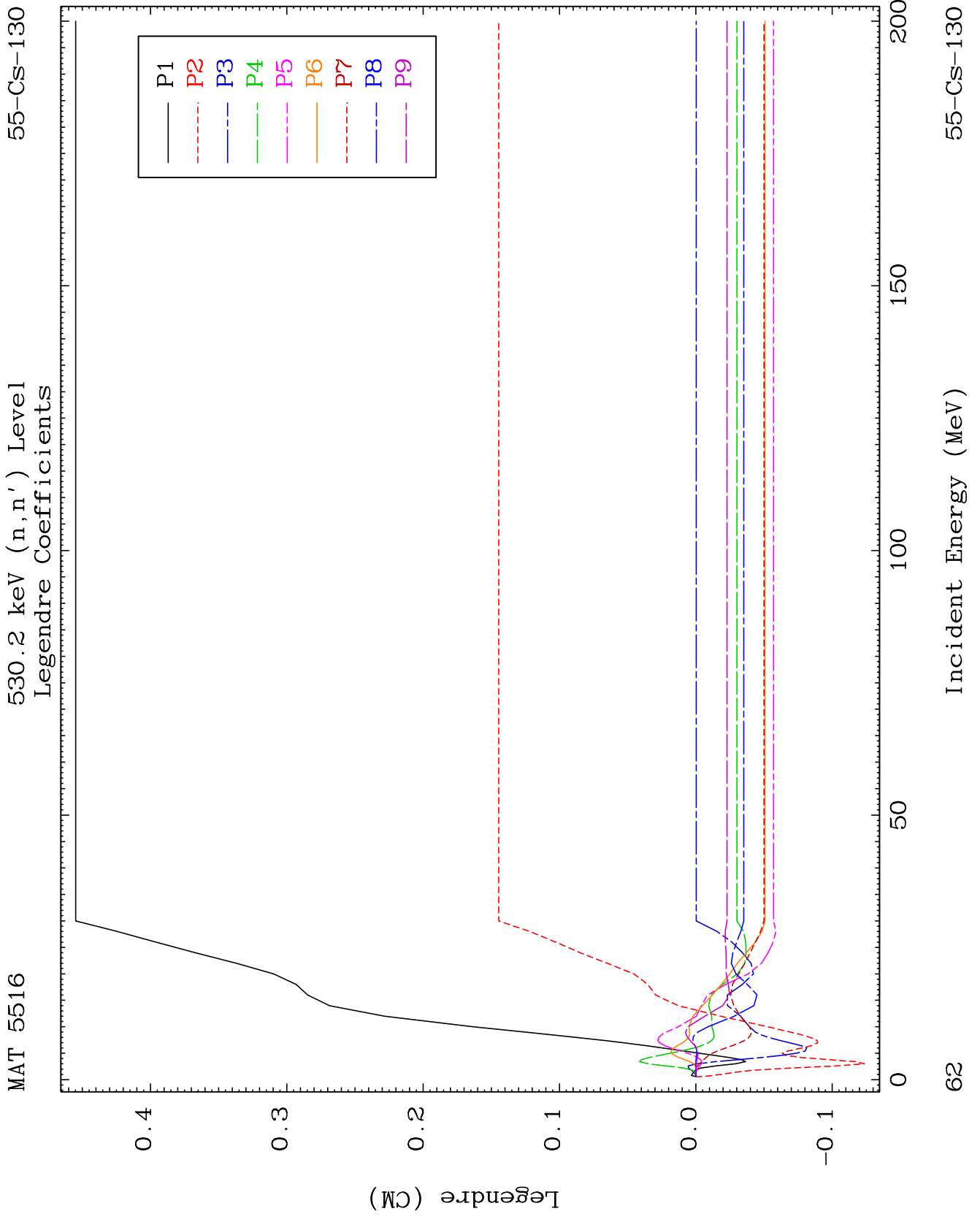








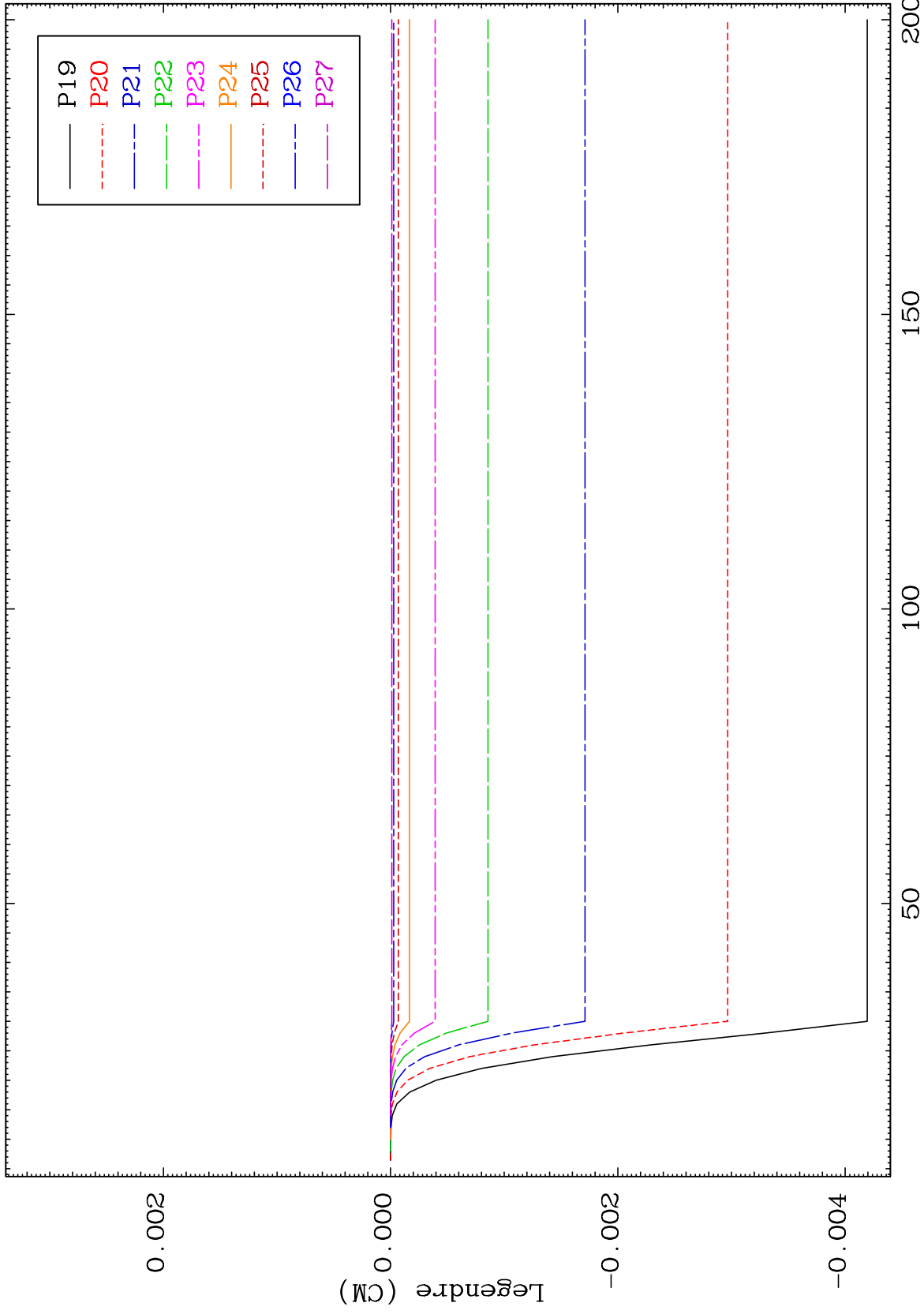




MAT 5516

530.2 keV (n,n') Level
Legendre Coefficients

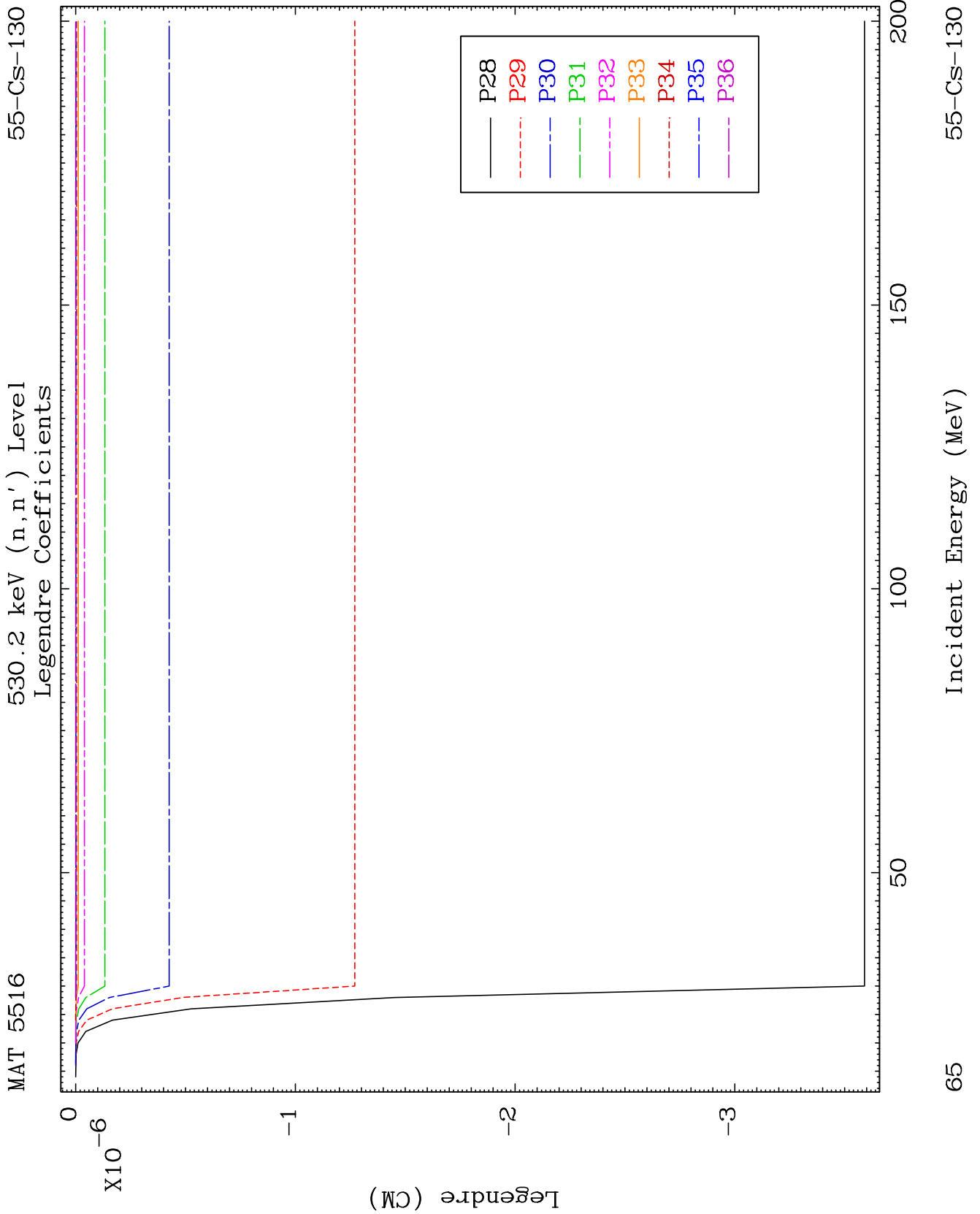
55-Cs-130



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Incident Energy (MeV)

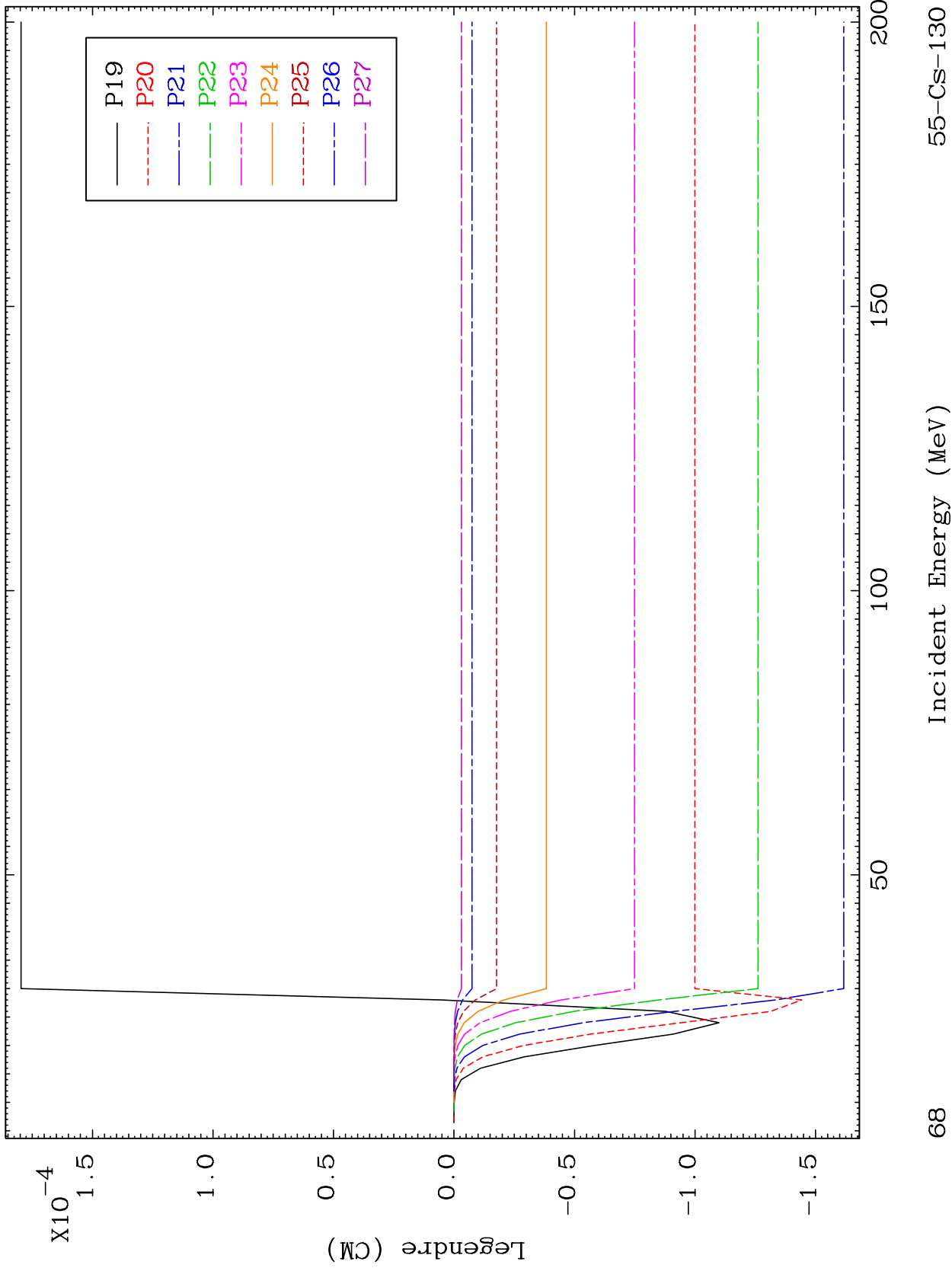
55-Cs-130

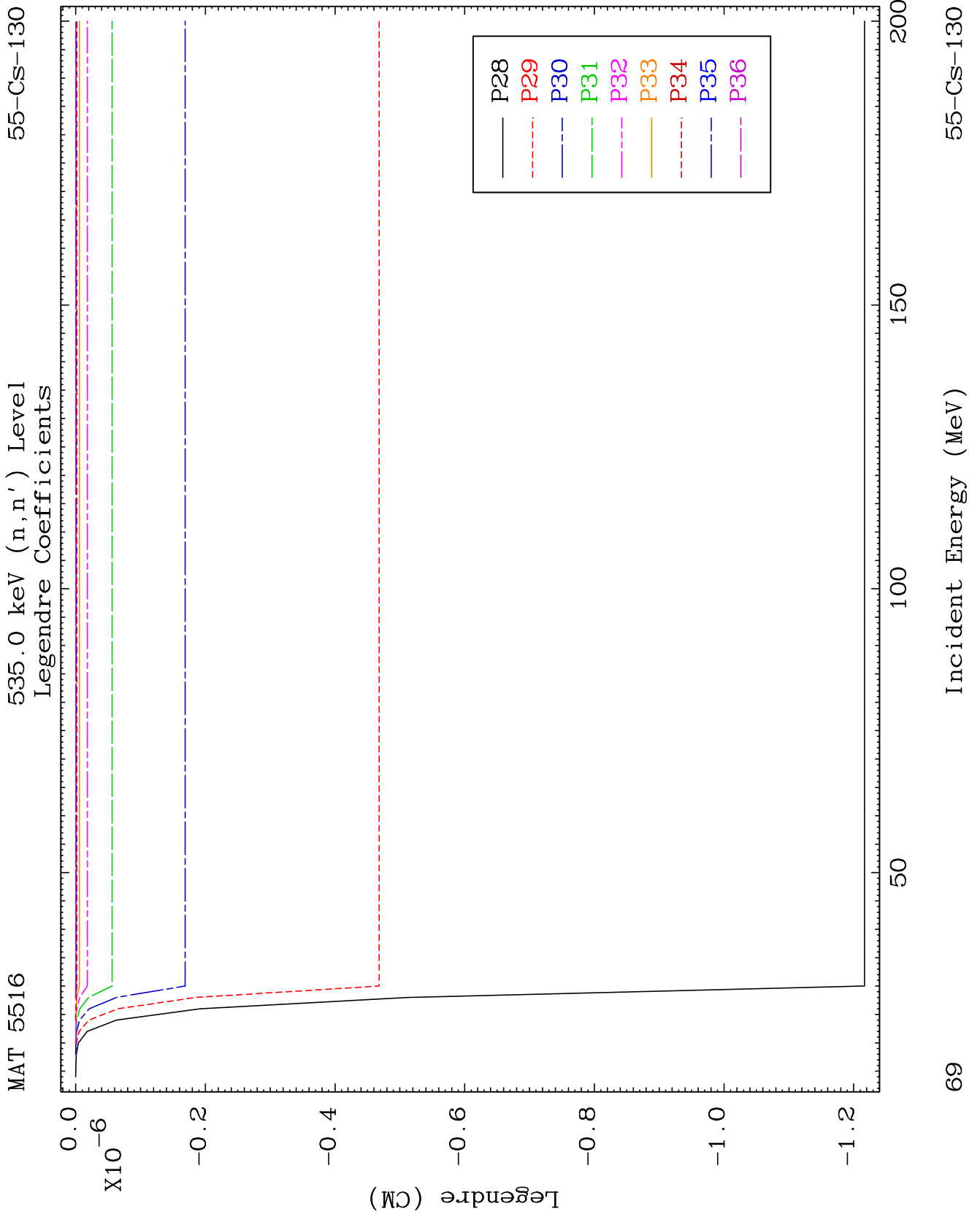


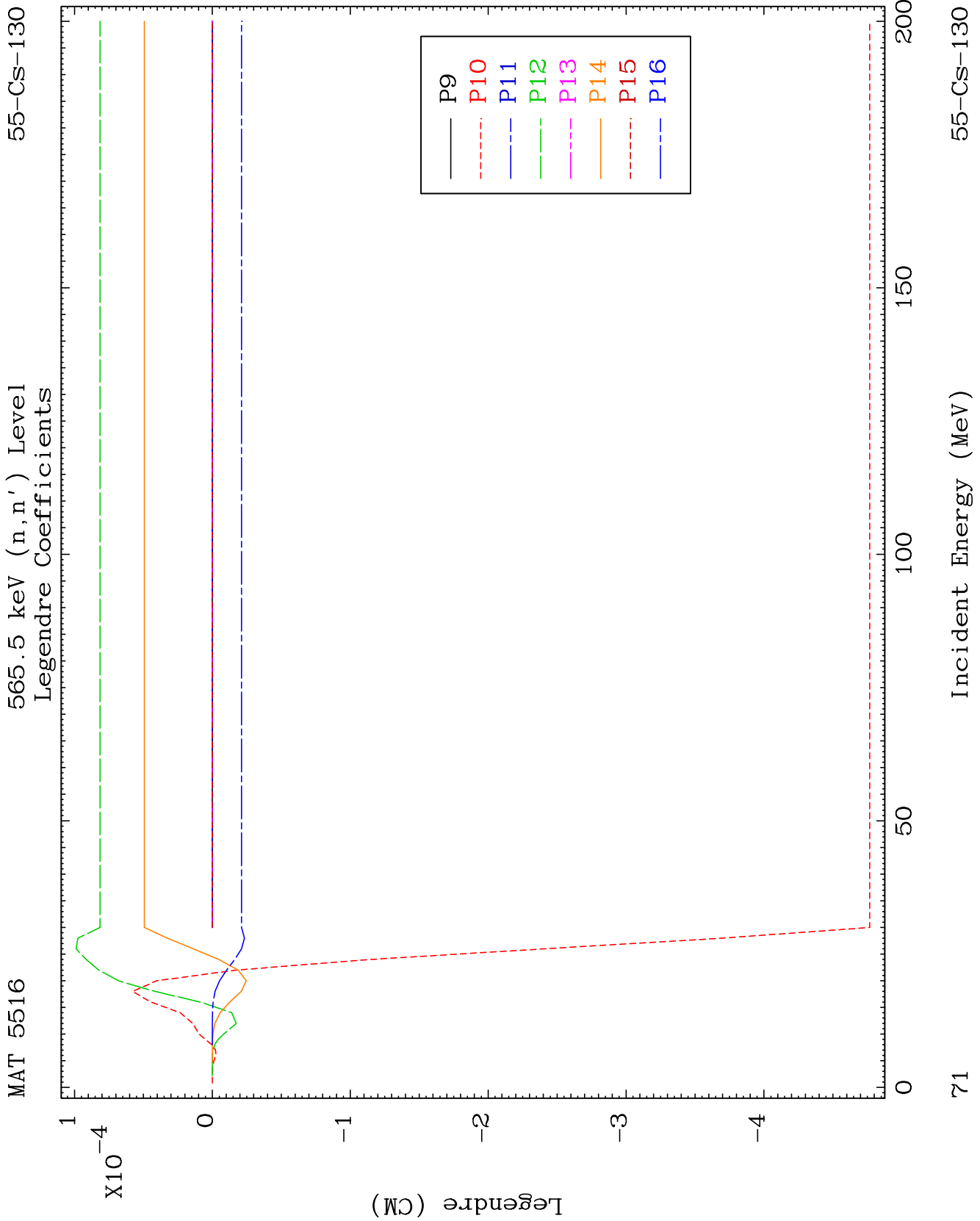
MAT 5516

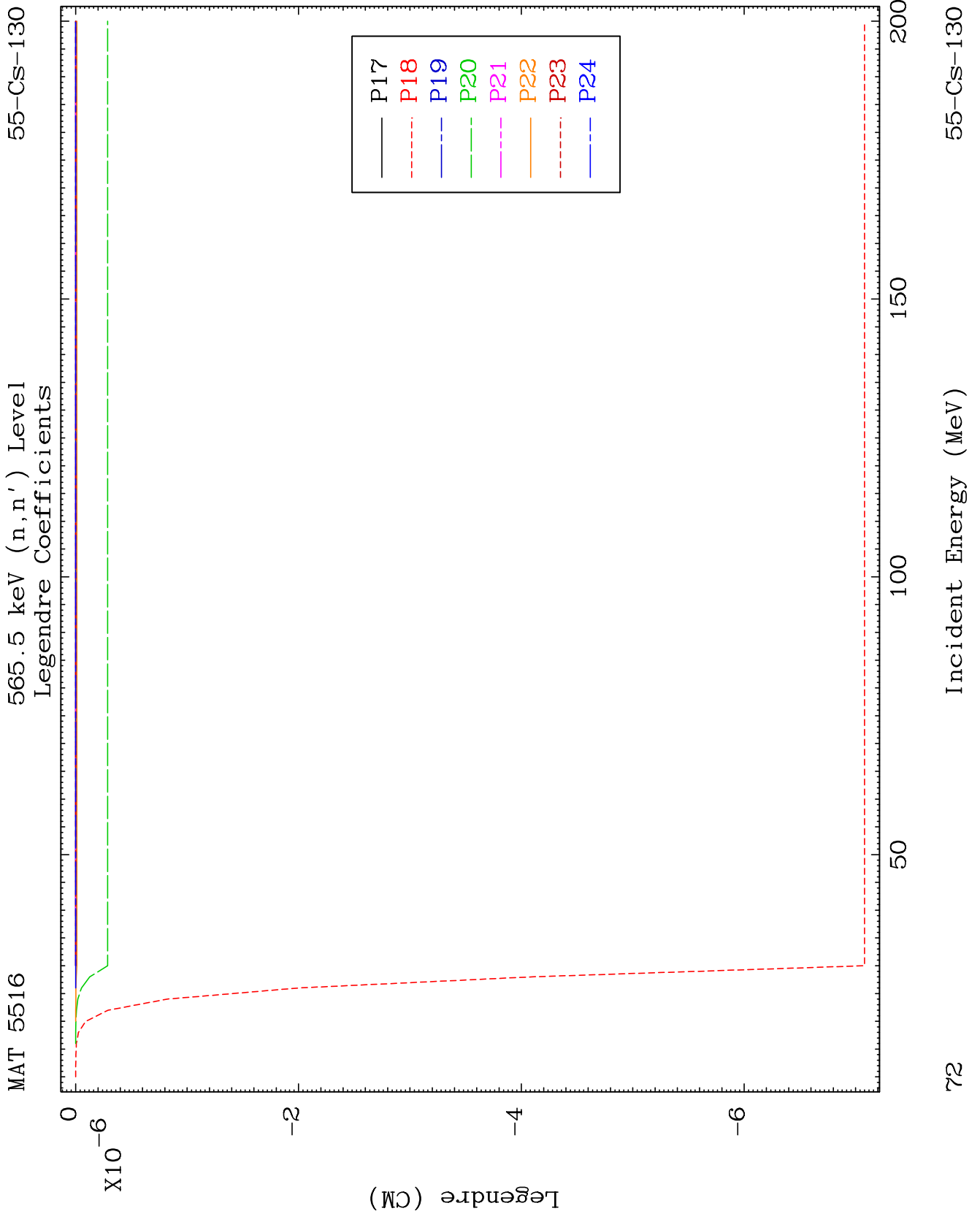
535.0 keV (n,n') Level
Legendre Coefficients

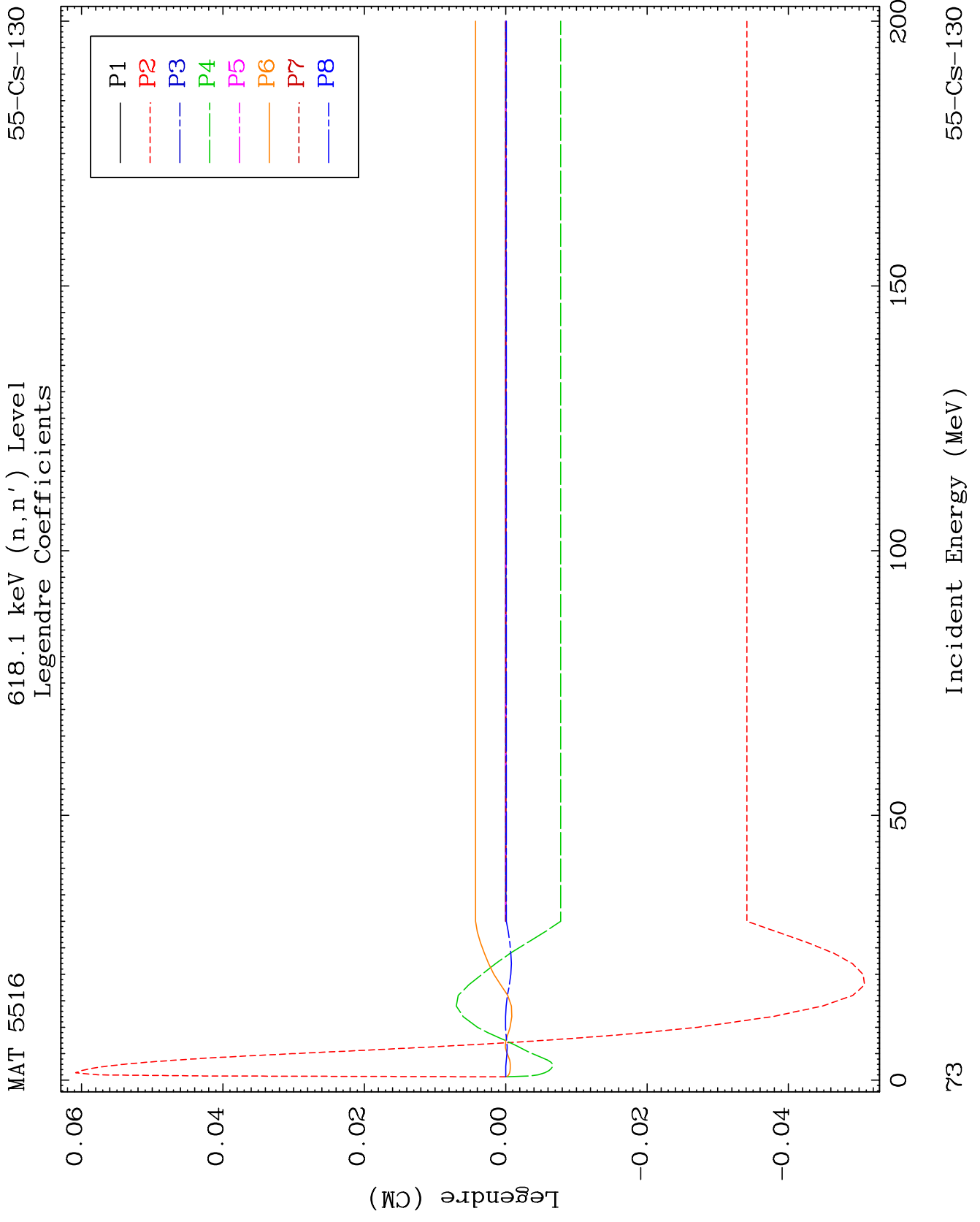
55-Cs-130

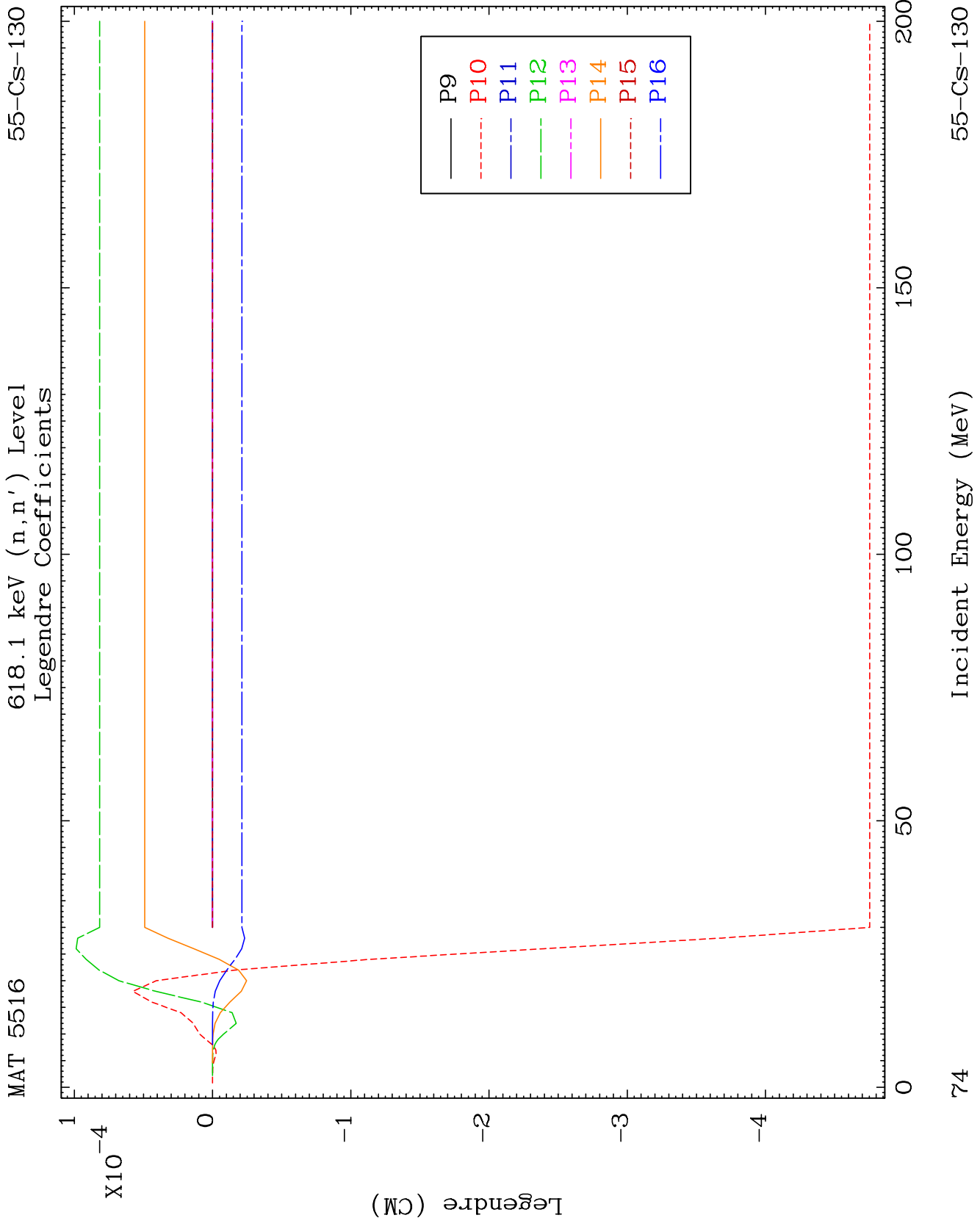


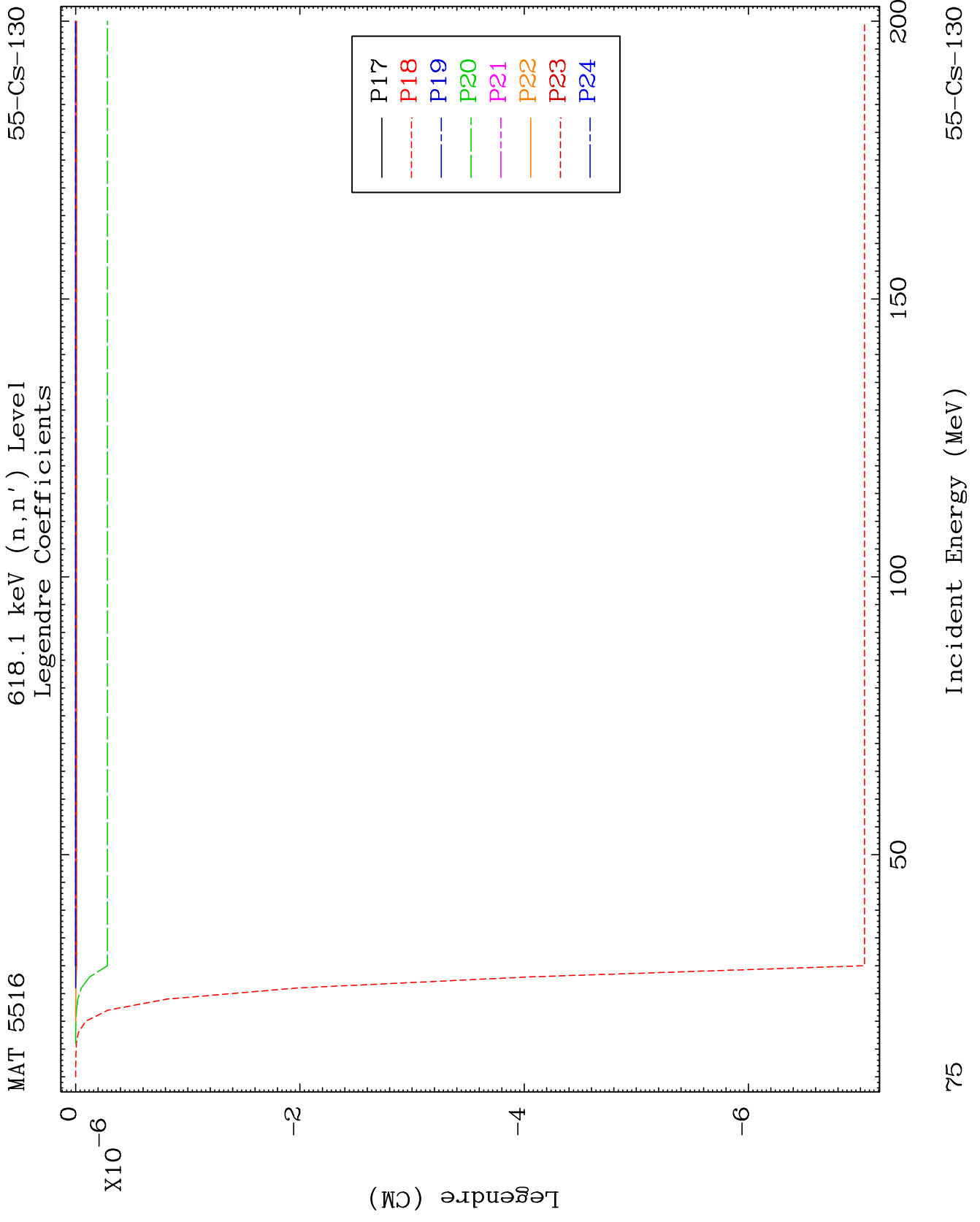


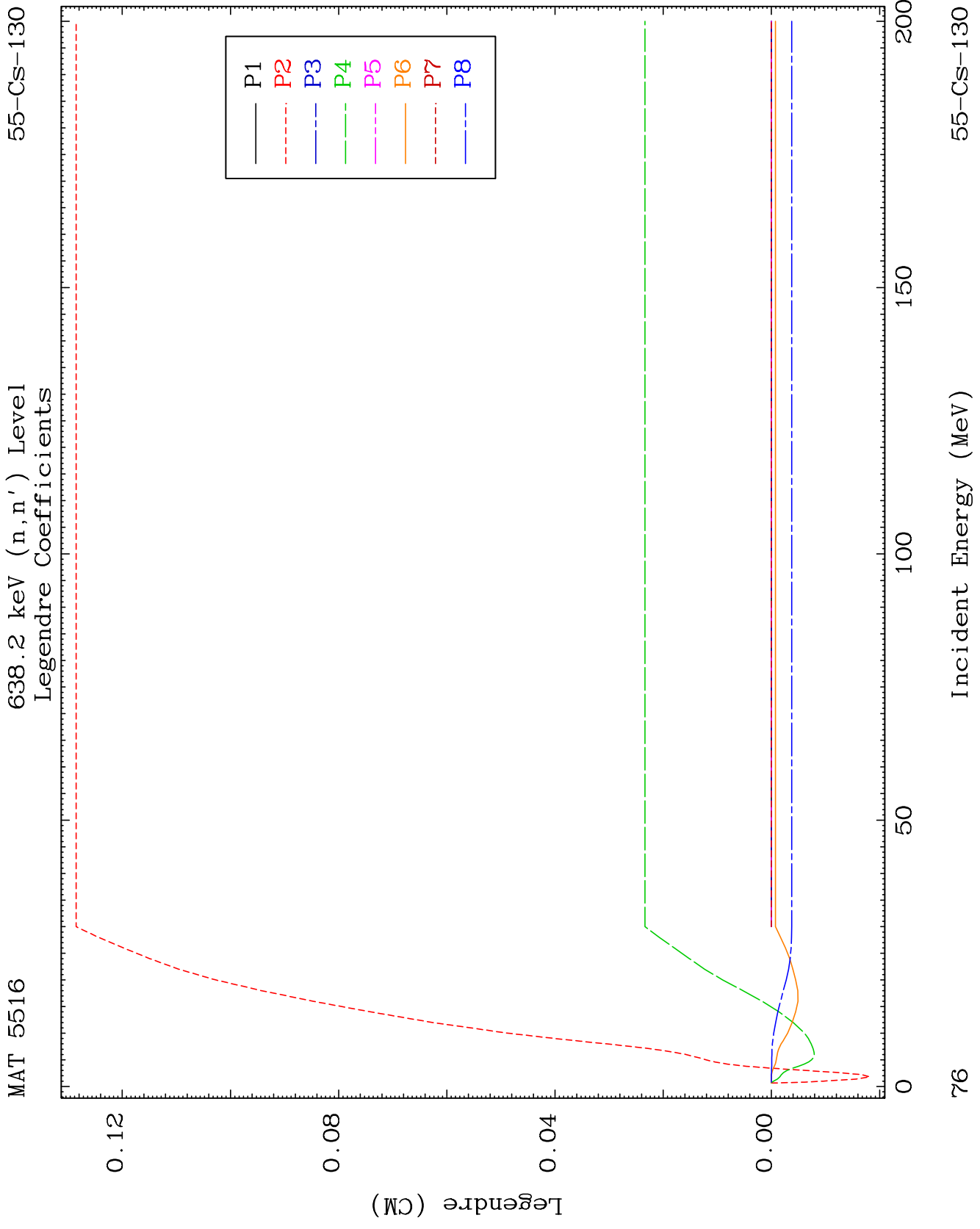


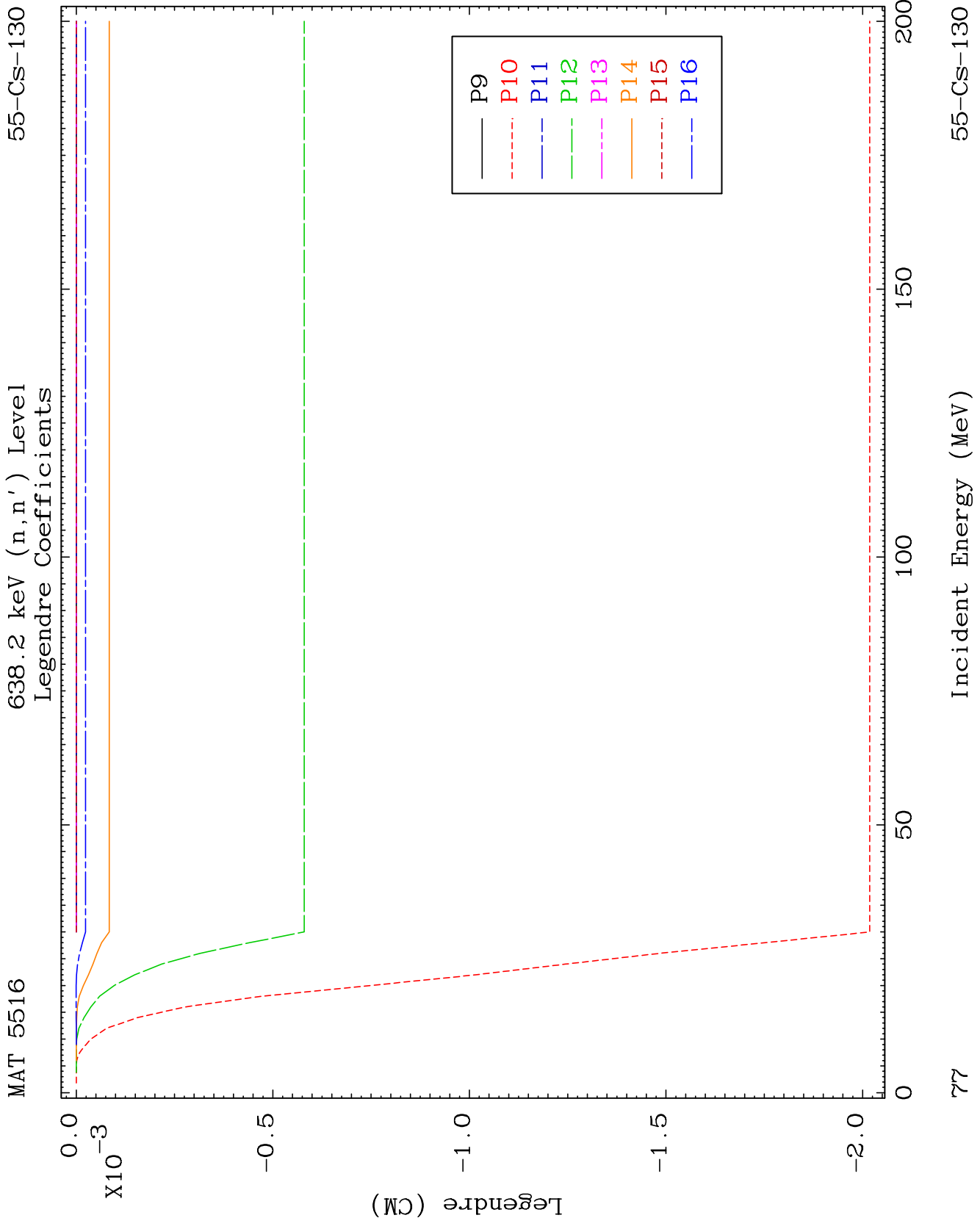


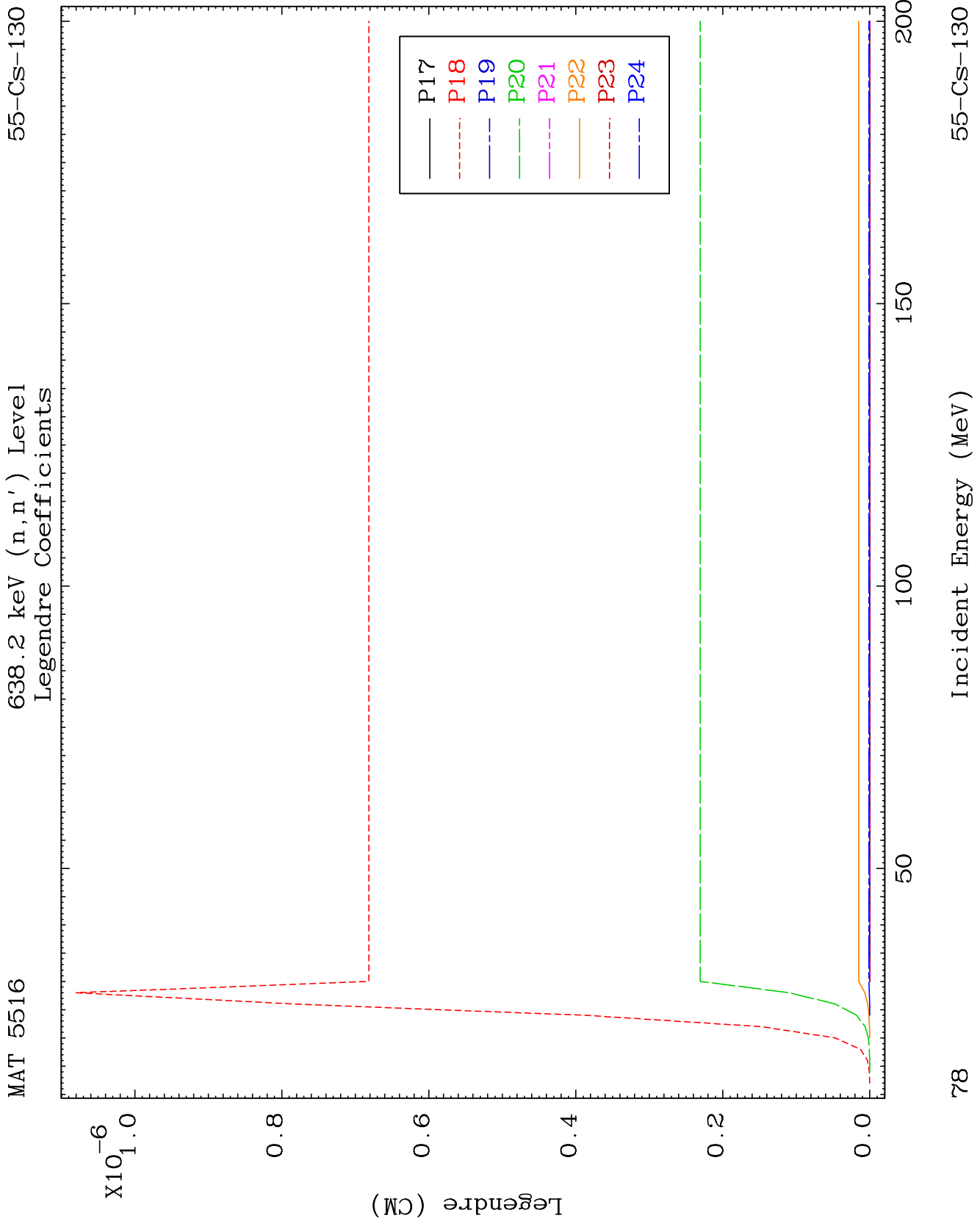


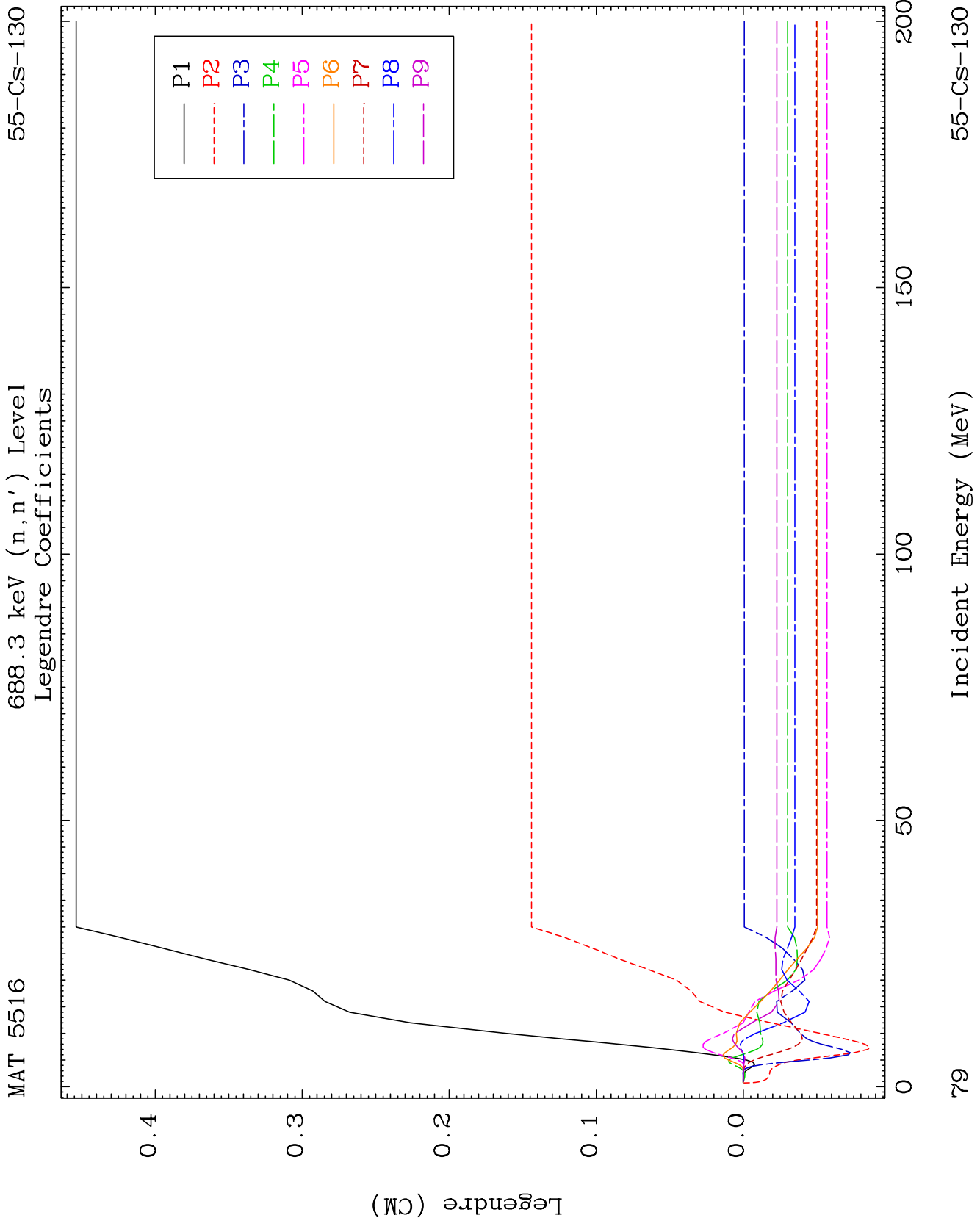


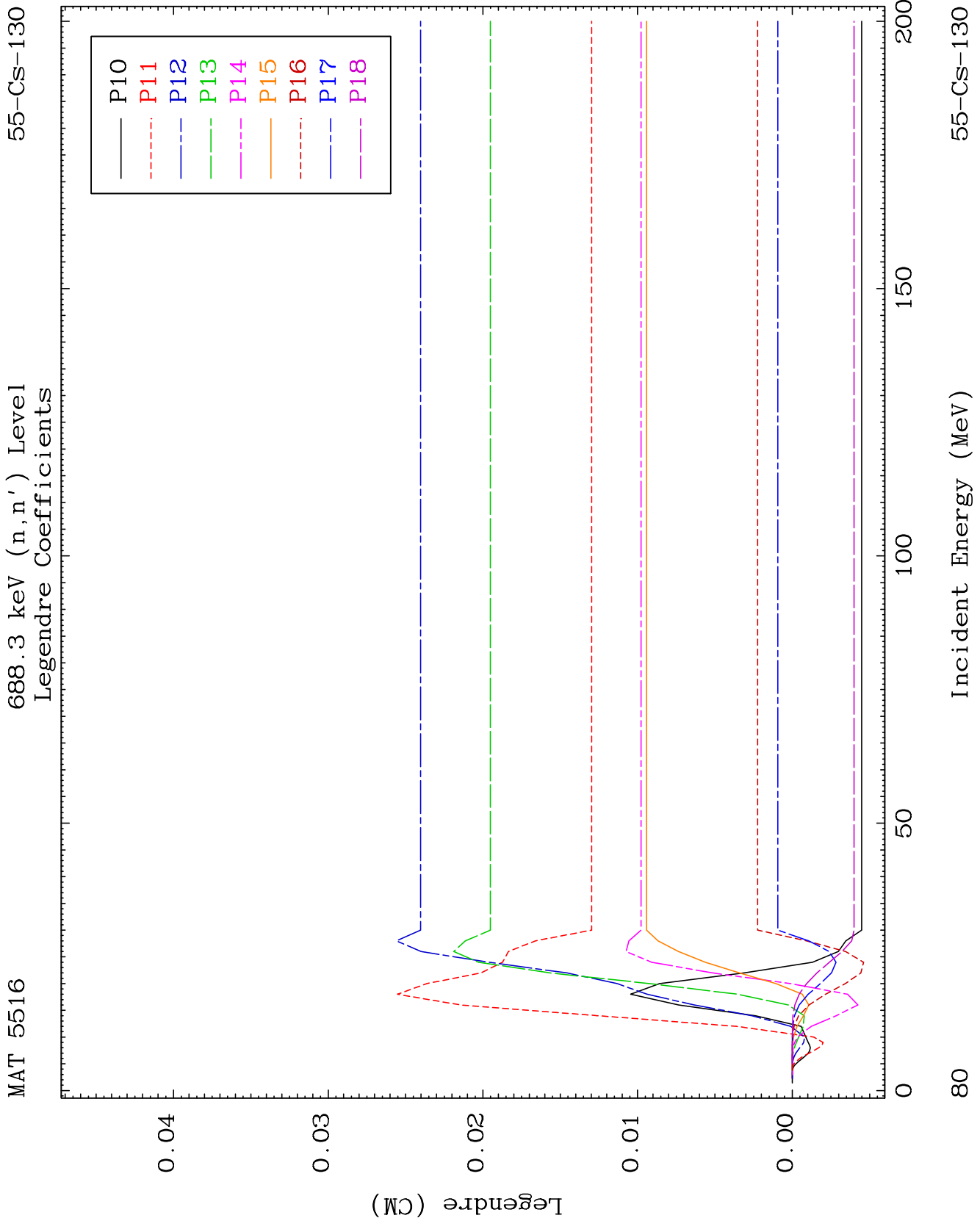








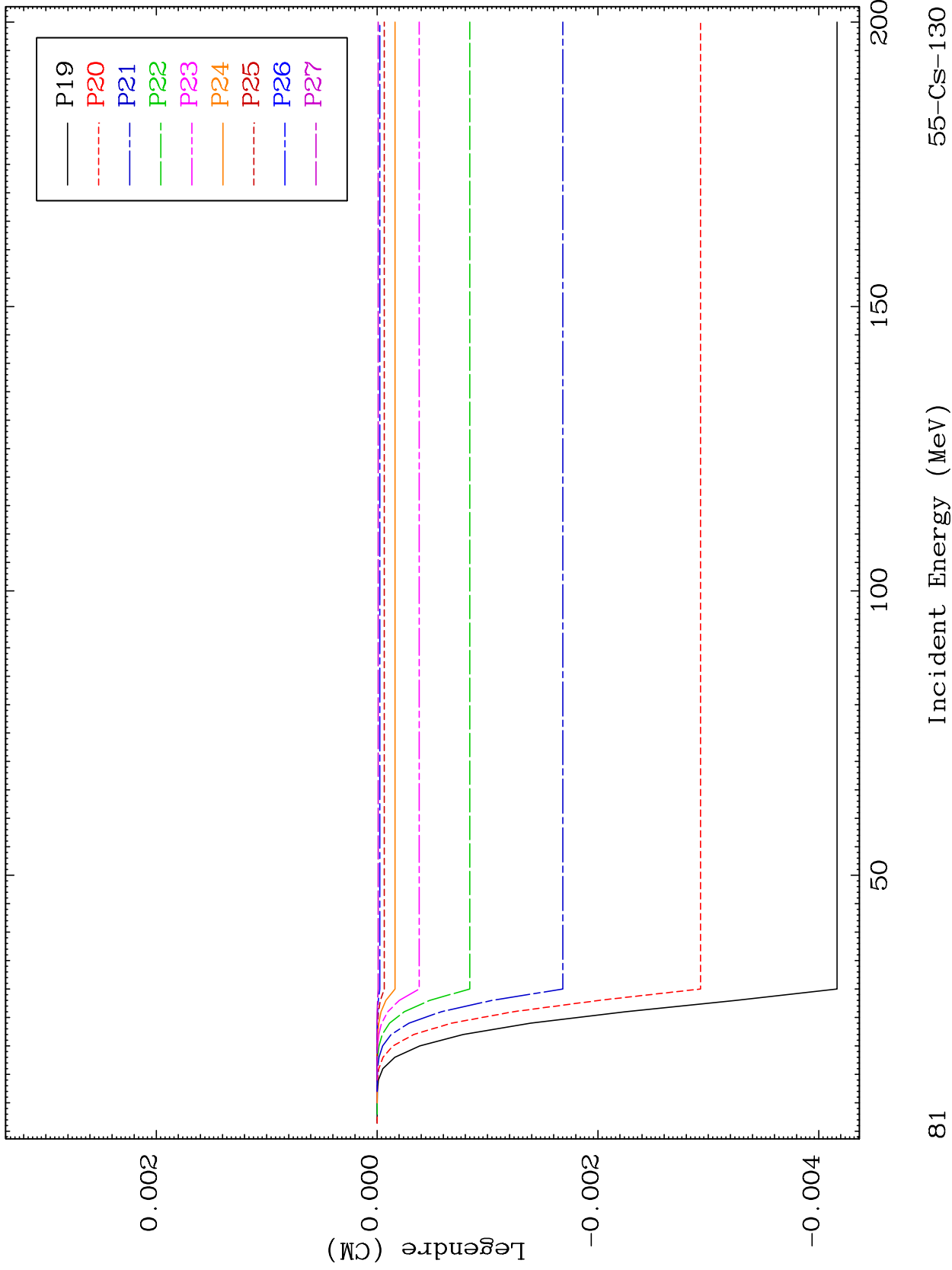




MAT 5516

688.3 keV (n,n') Level
Legendre Coefficients

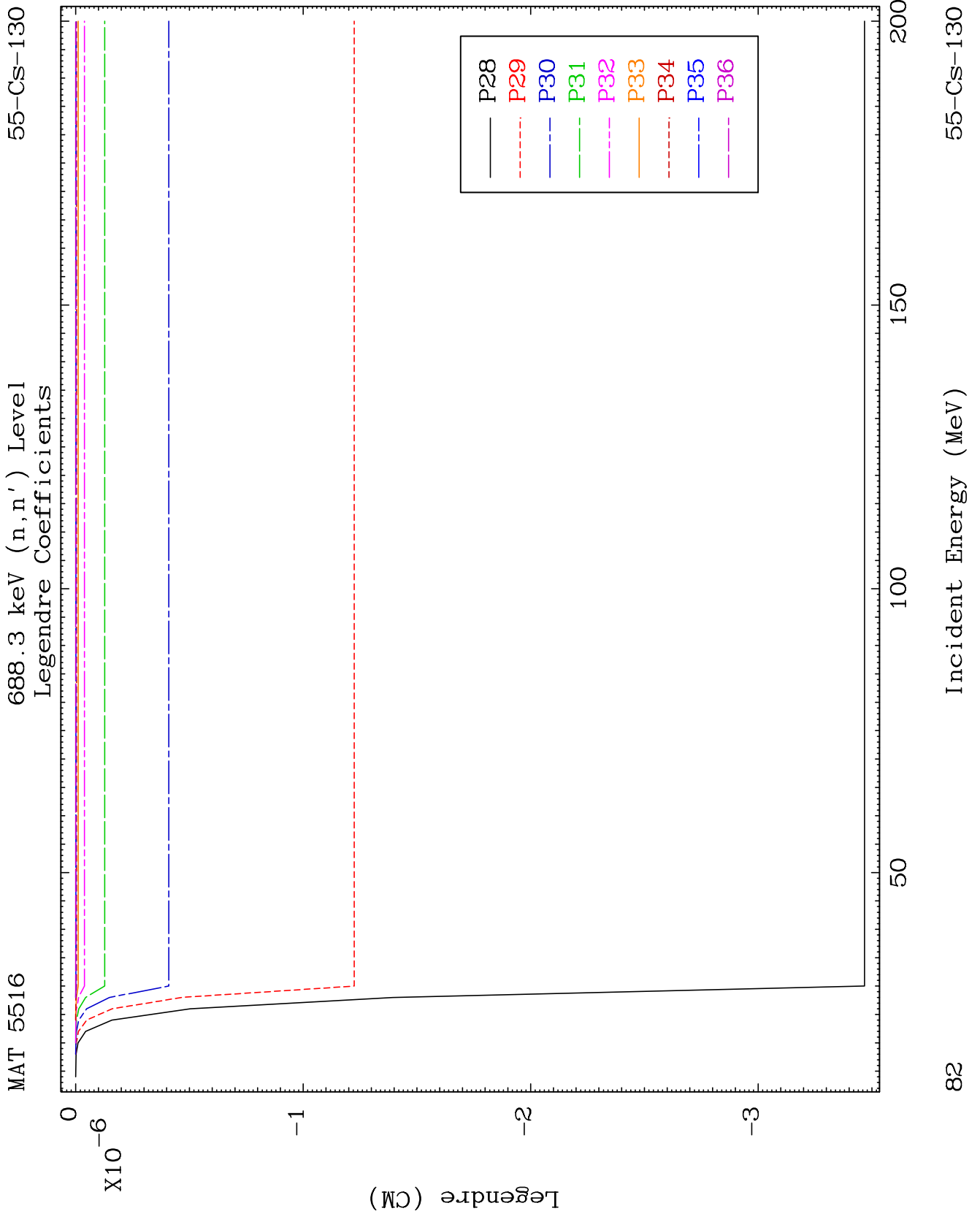
55-Cs-130



81

Incident Energy (MeV)

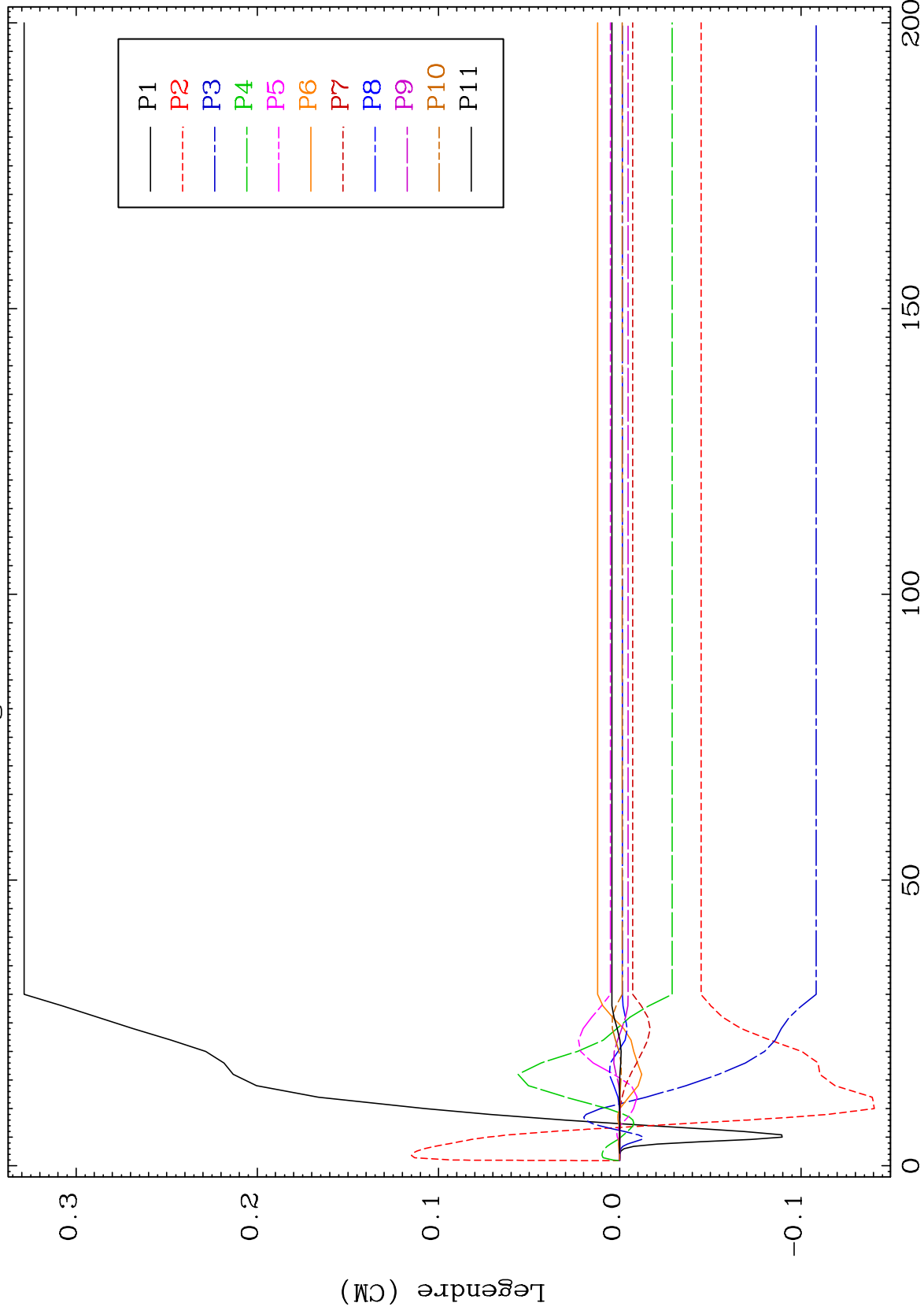
55-Cs-130



MAT 5516

878.3 keV (n,n') Level
Legendre Coefficients

55-Cs-130



83

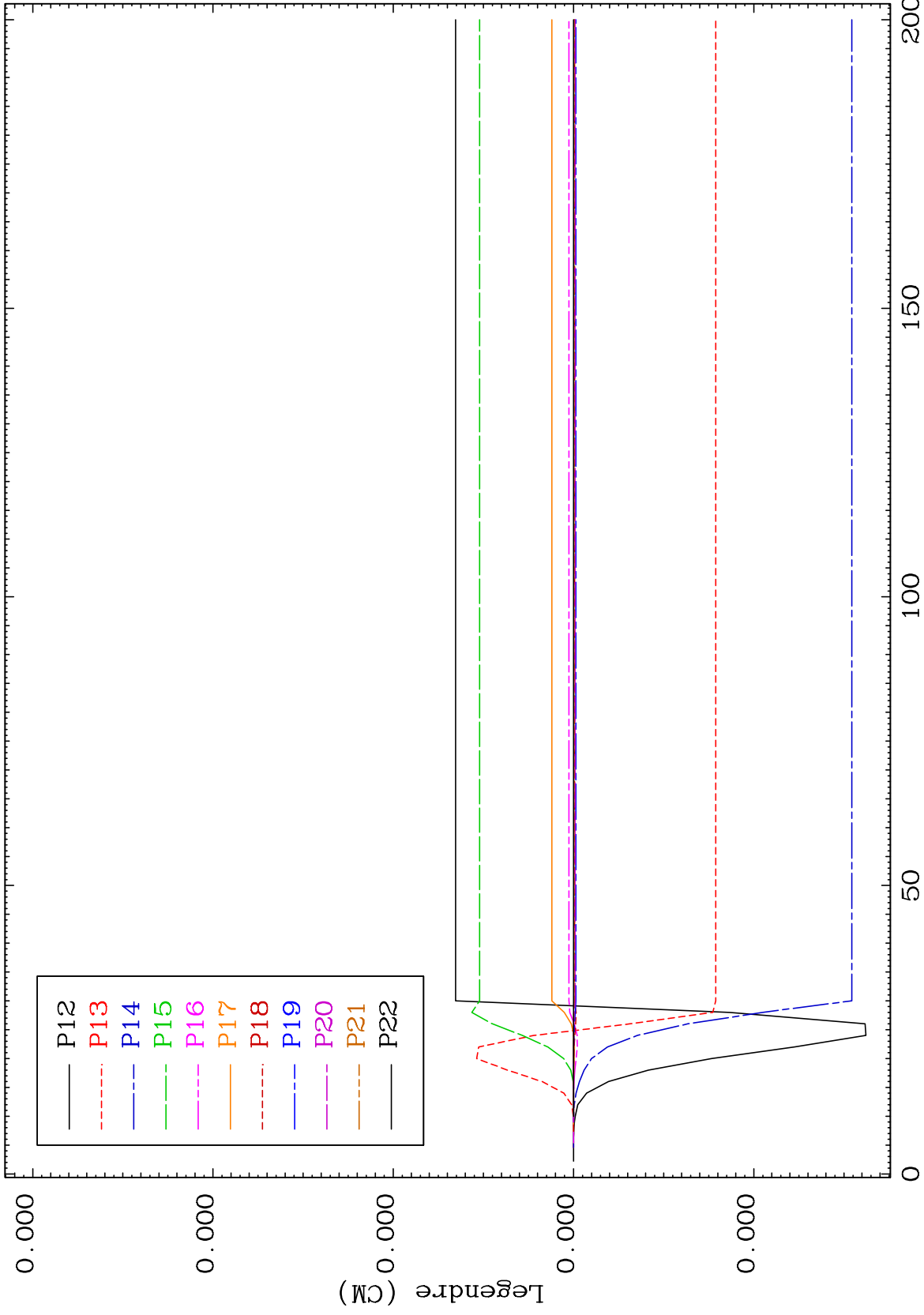
Incident Energy (MeV)

55-Cs-130

MAT 5516

878.3 keV (n,n') Level
Legendre Coefficients

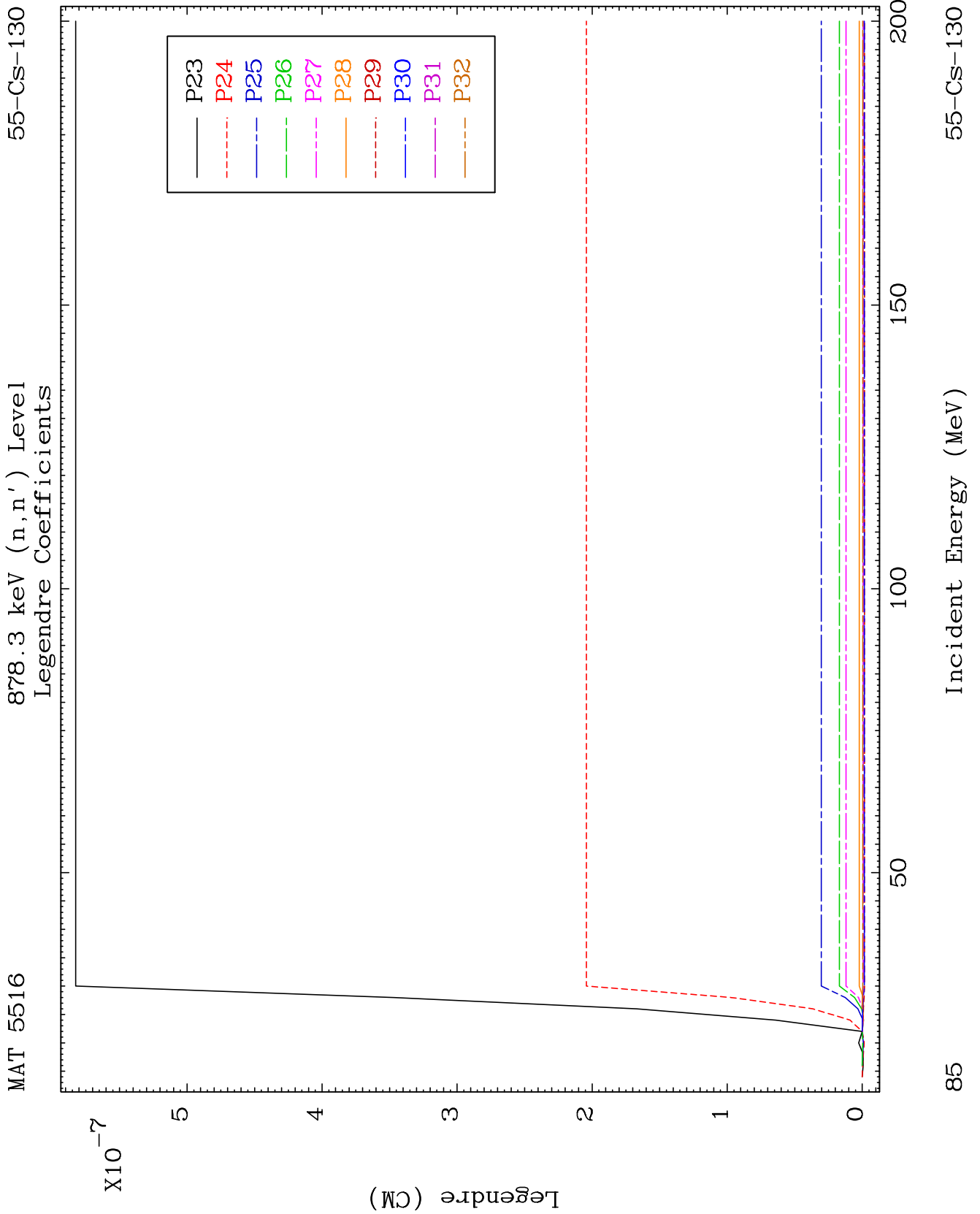
55-Cs-130

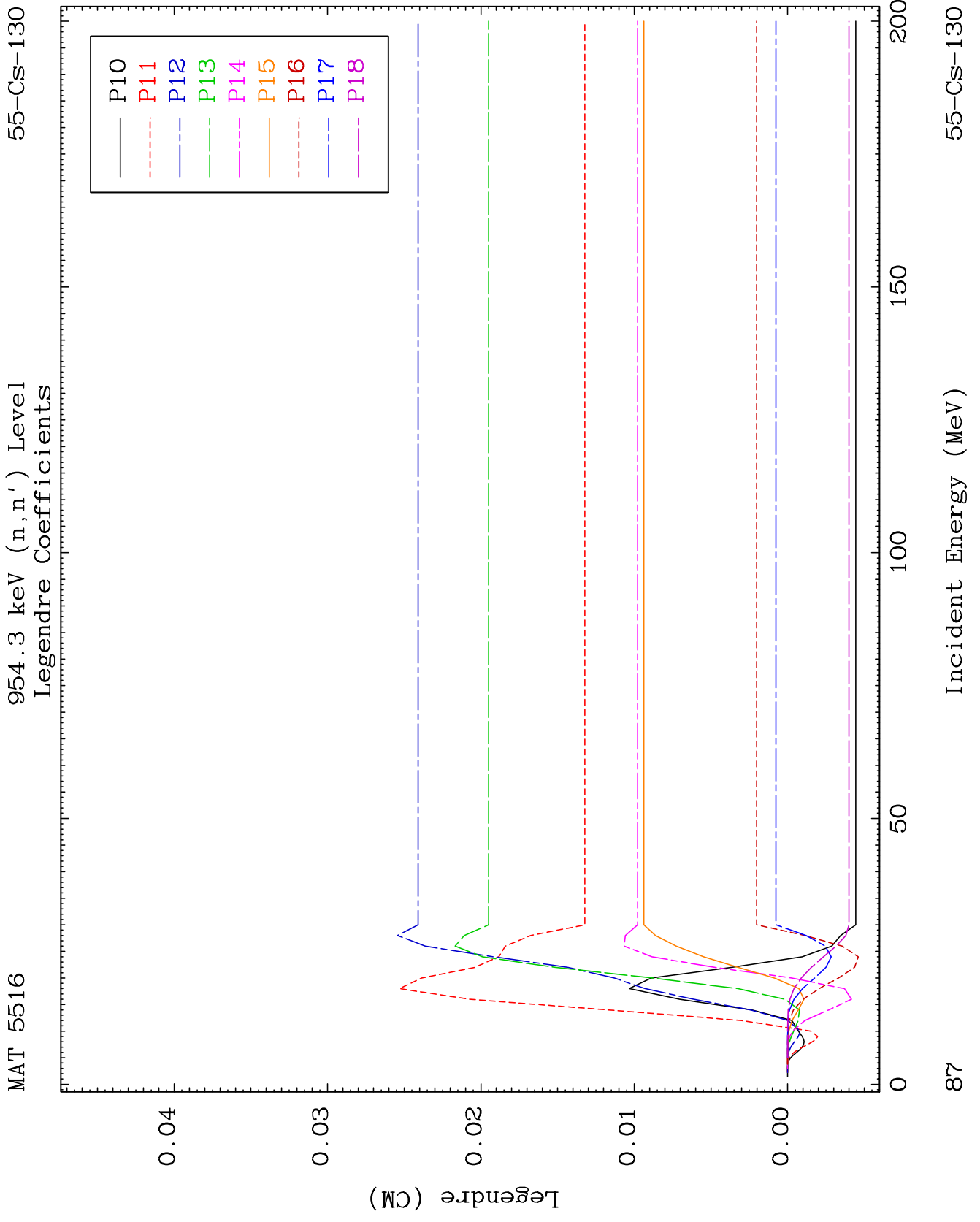


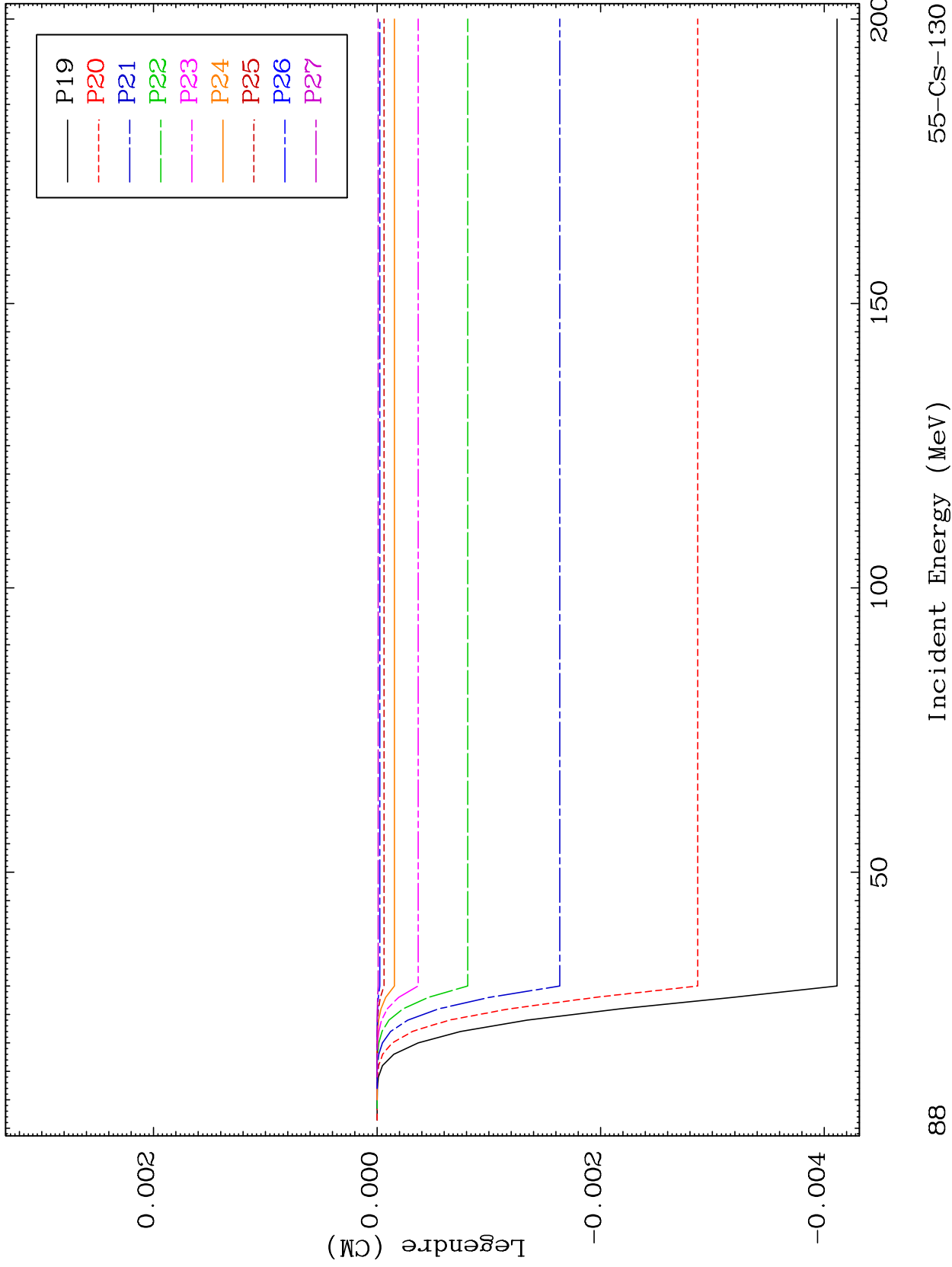
84

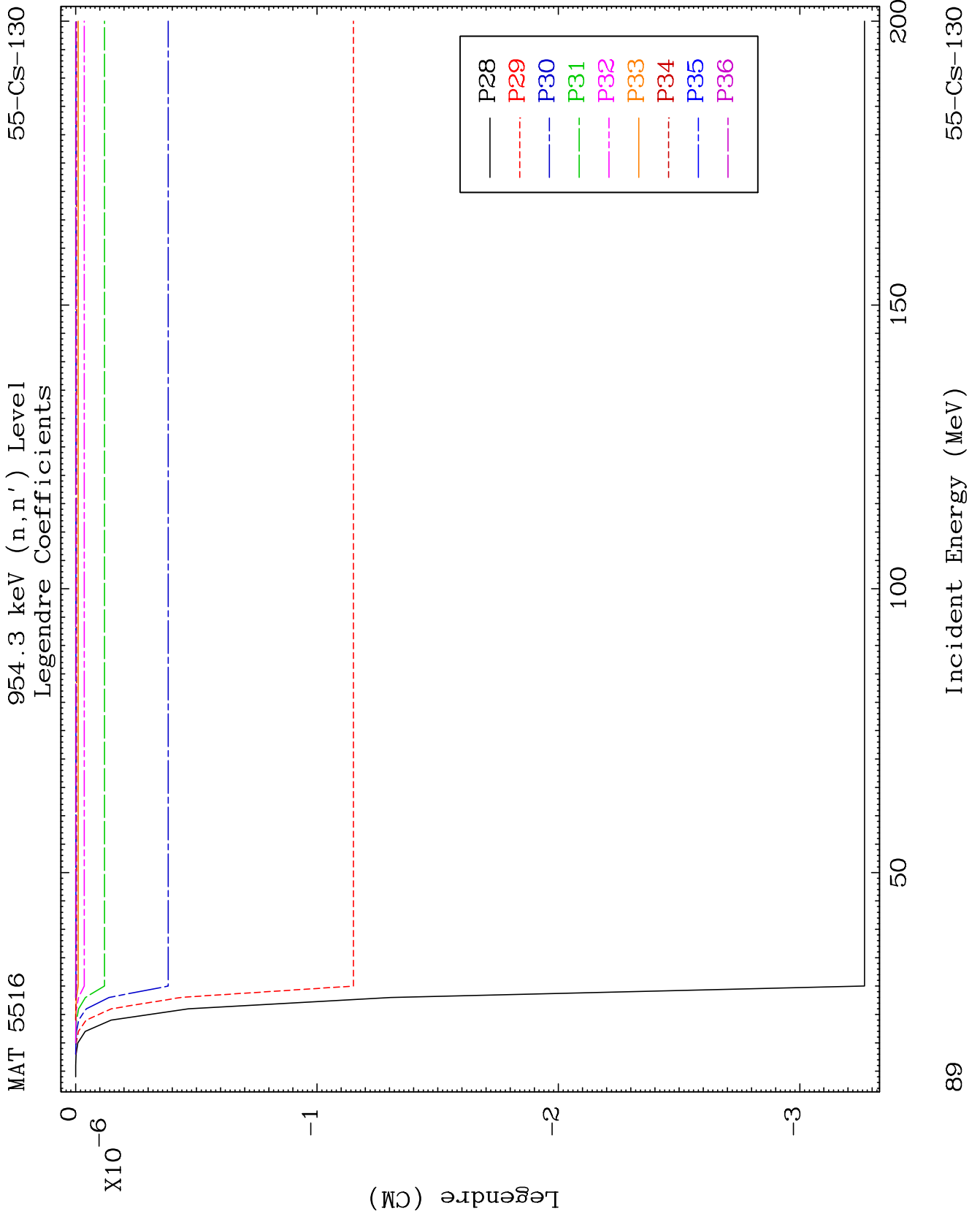
Incident Energy (MeV)

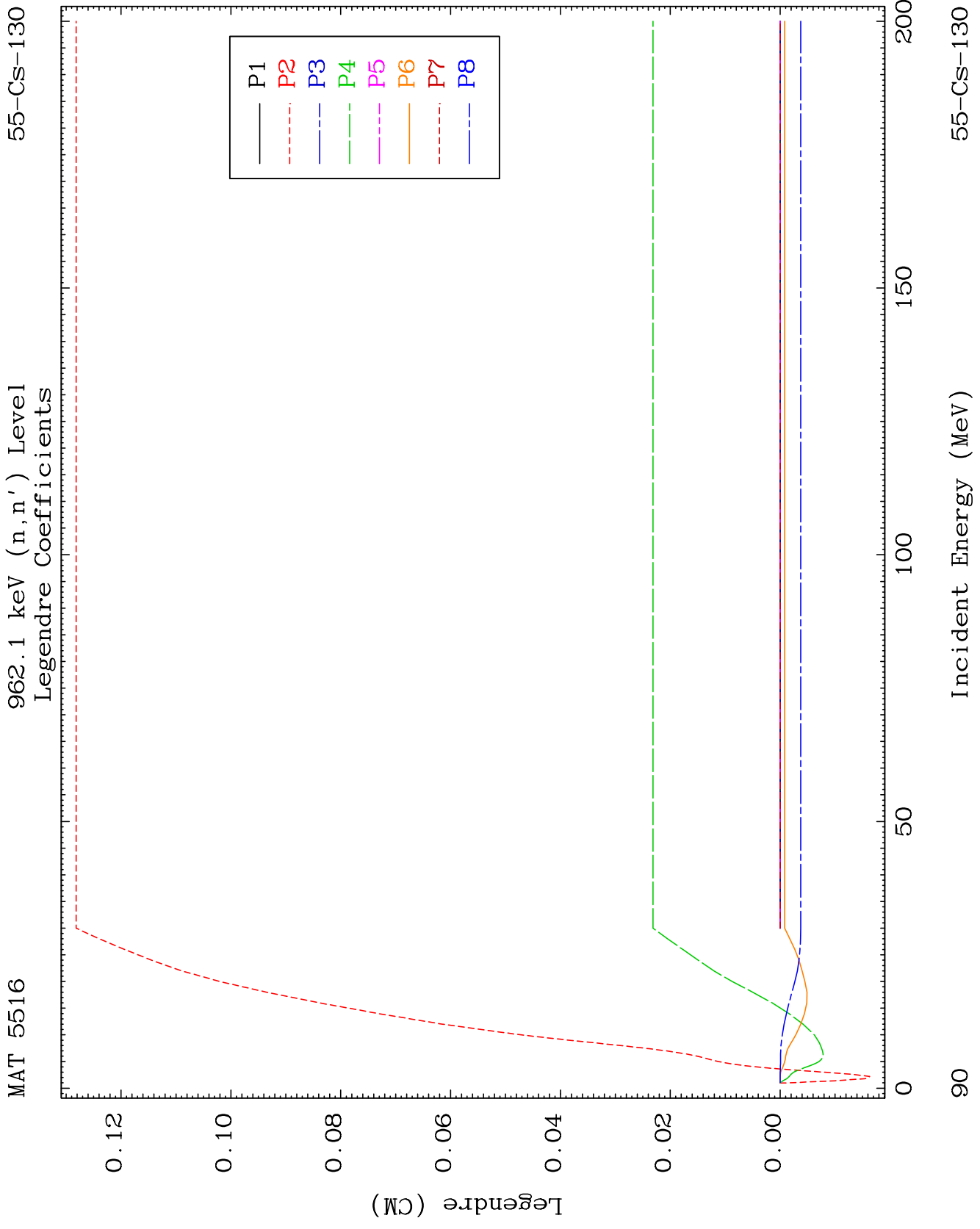
55-Cs-130

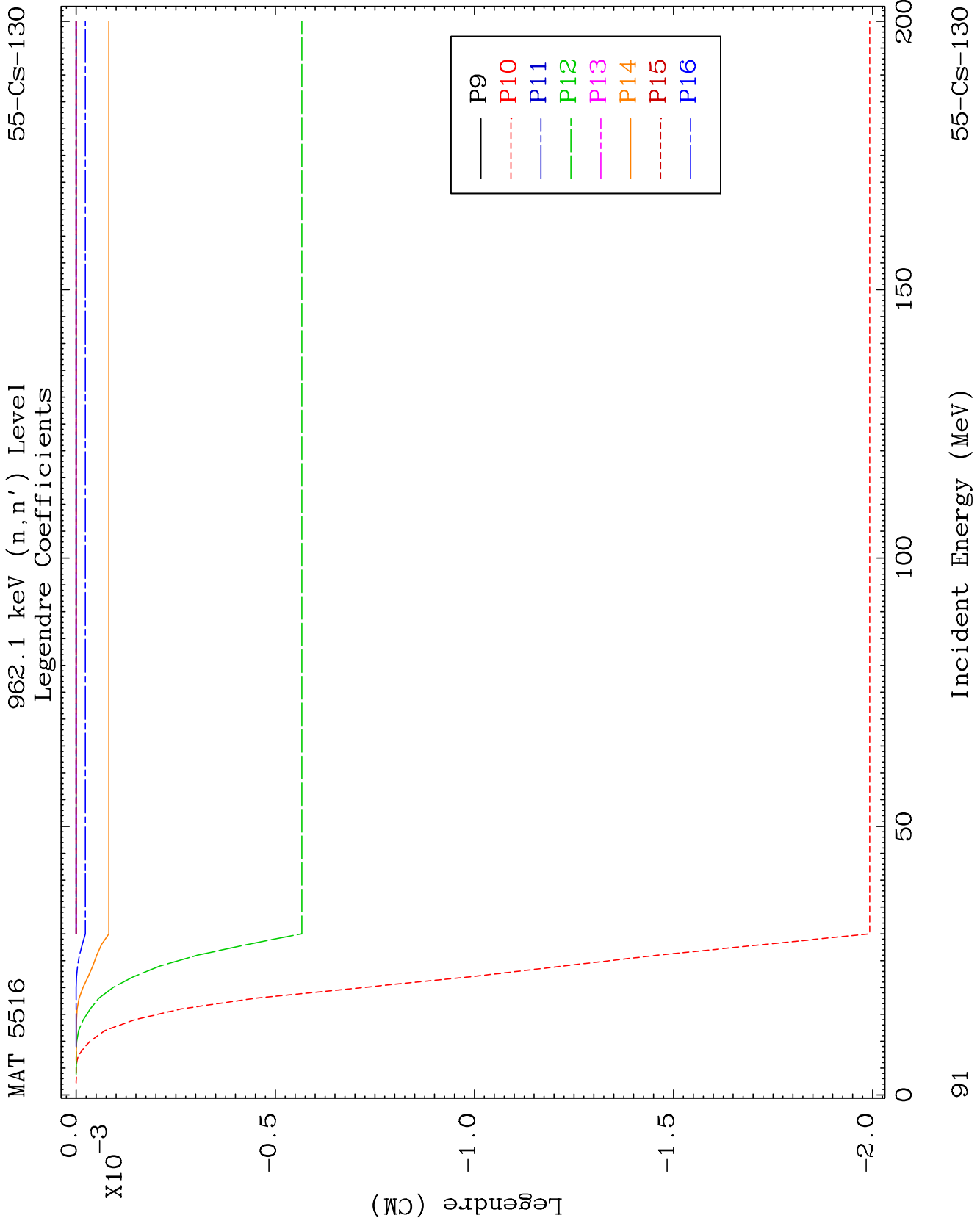


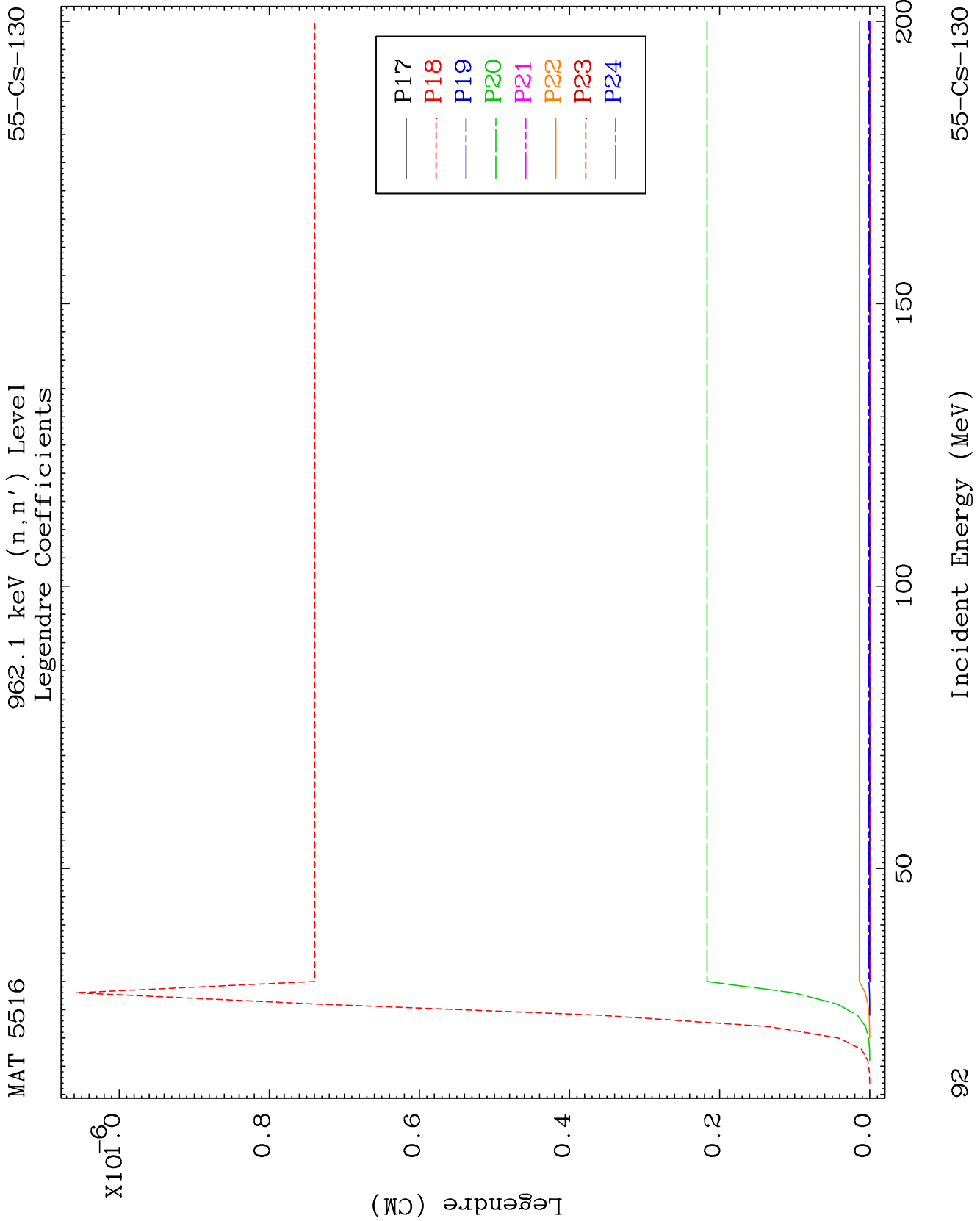


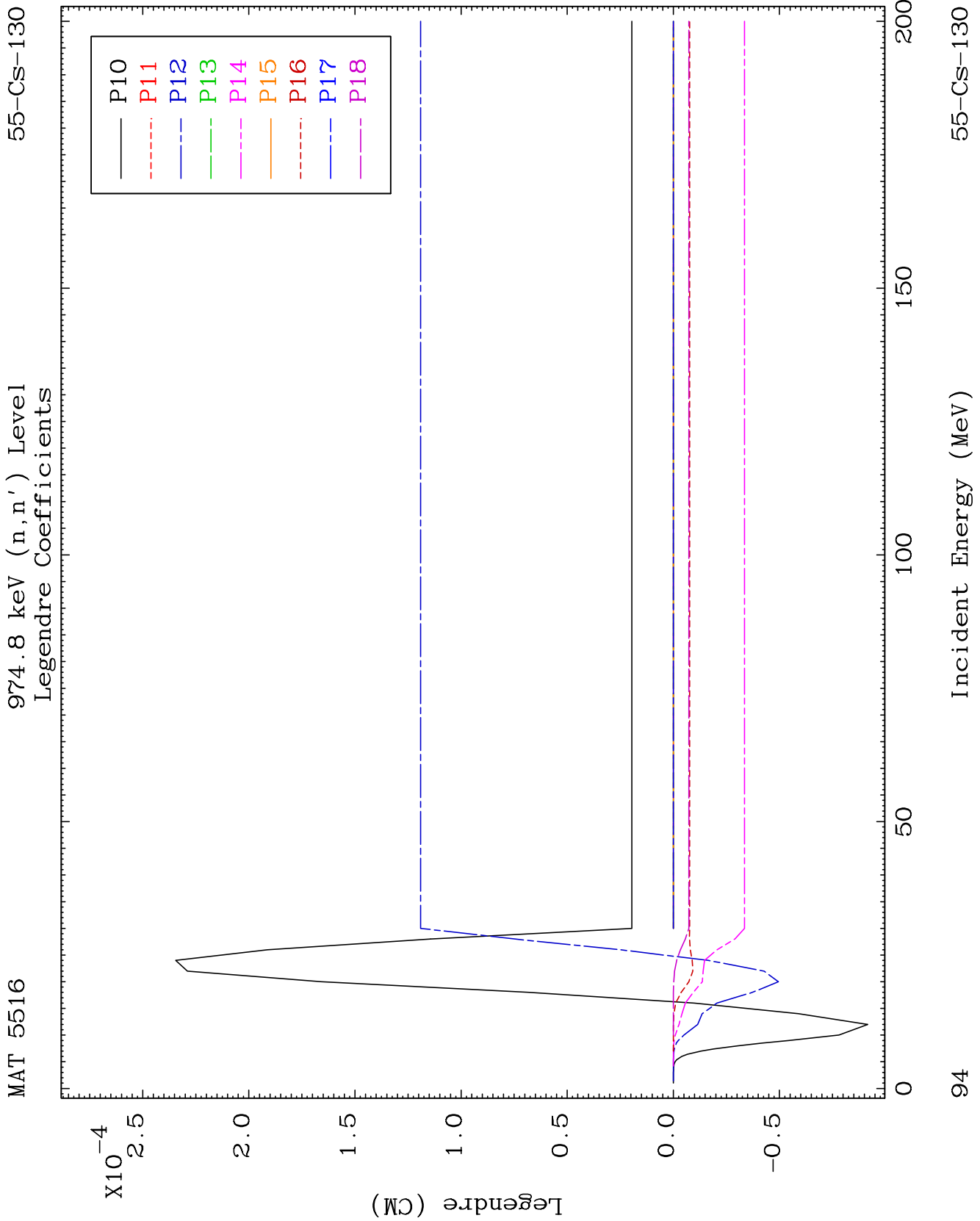


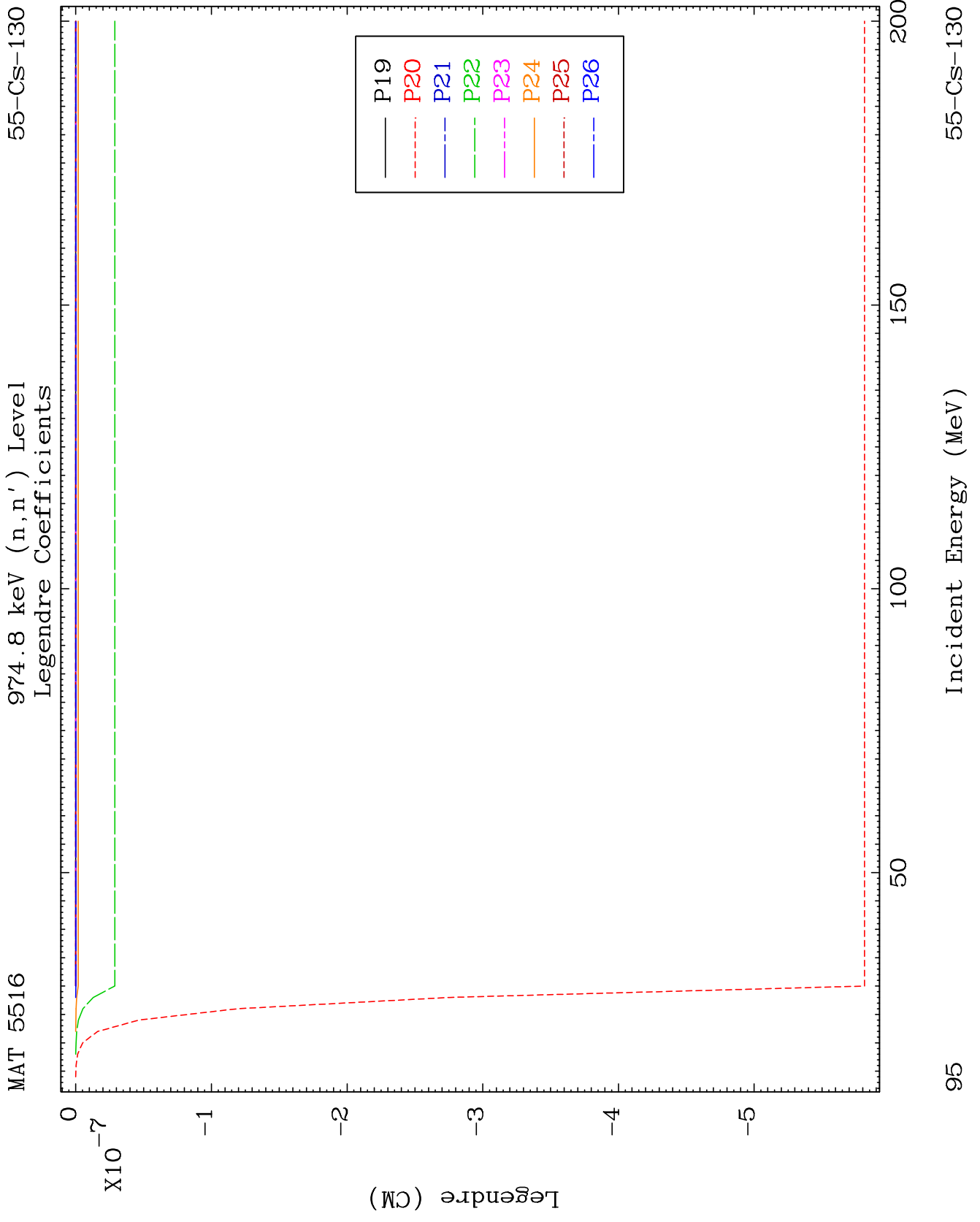


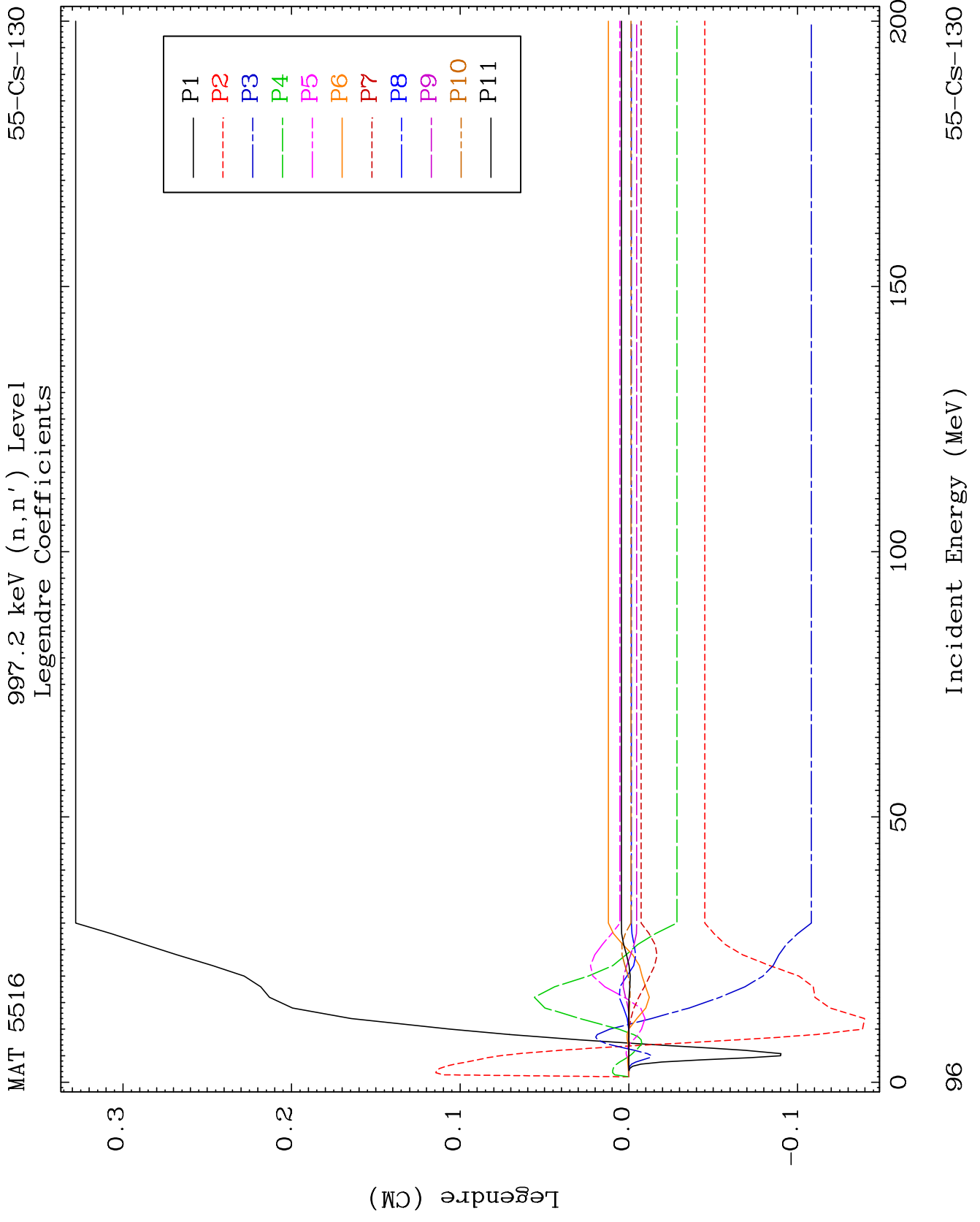








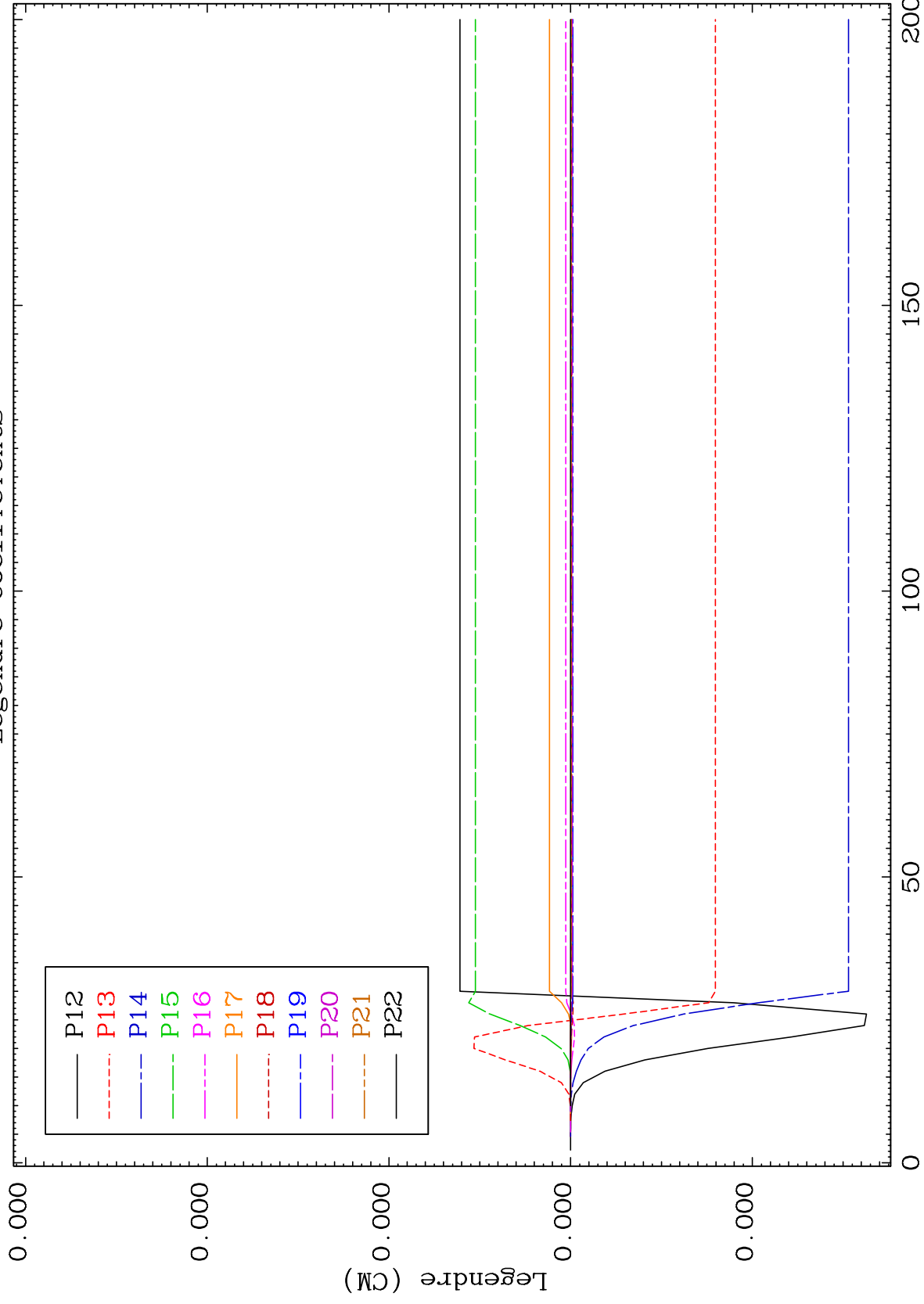




MAT 5516

997.2 keV (n,n') Level
Legendre Coefficients

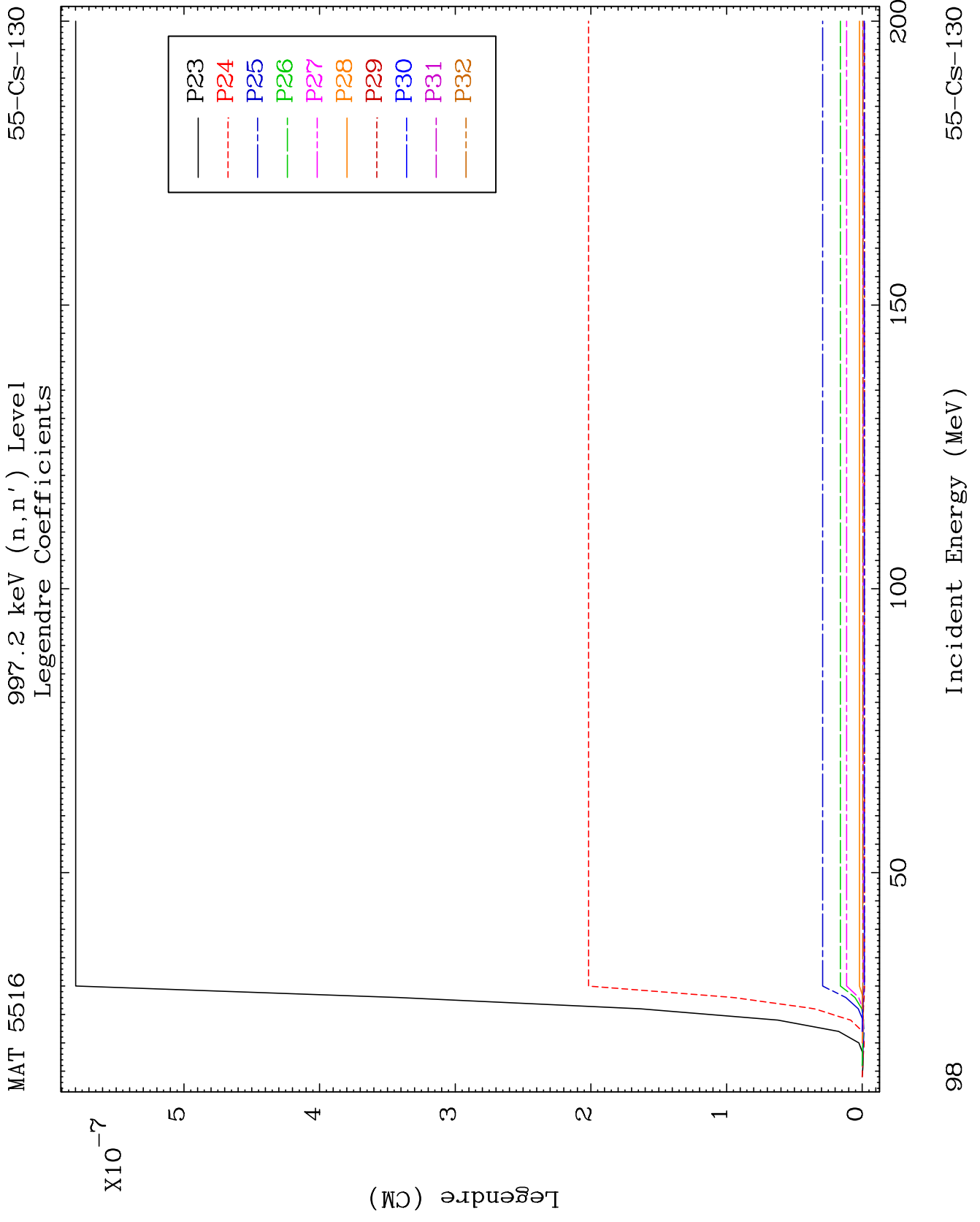
55-Cs-130

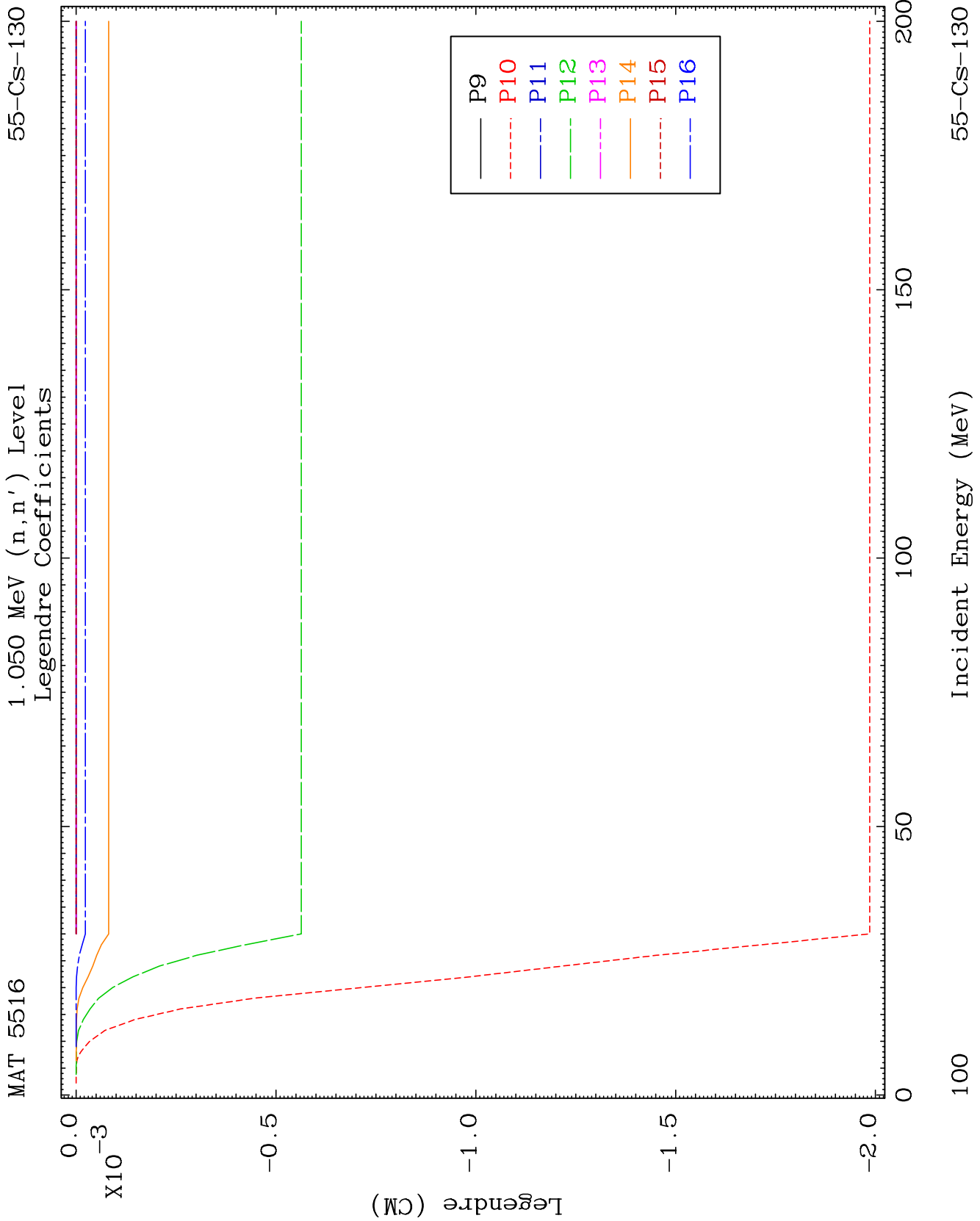


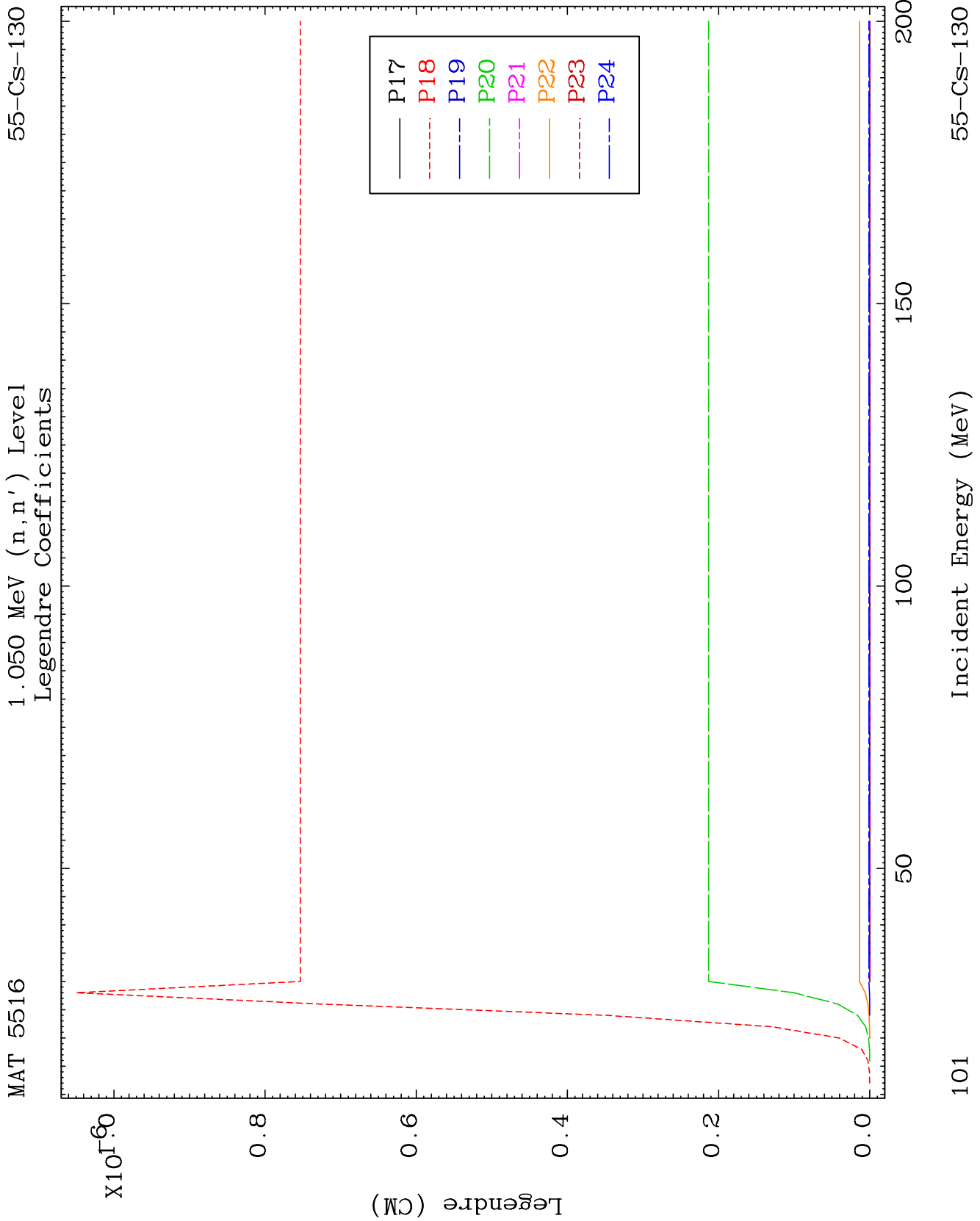
97

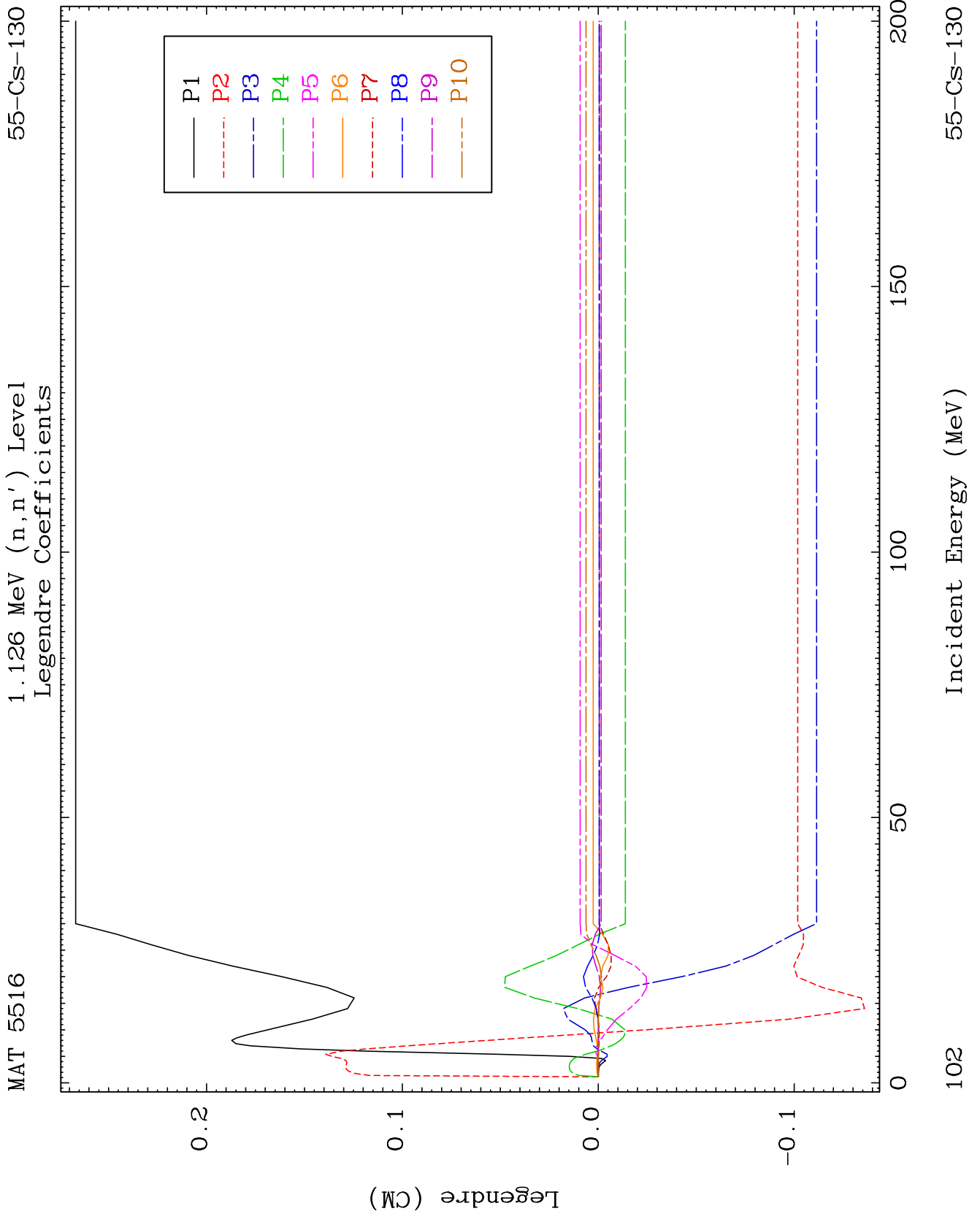
Incident Energy (MeV)

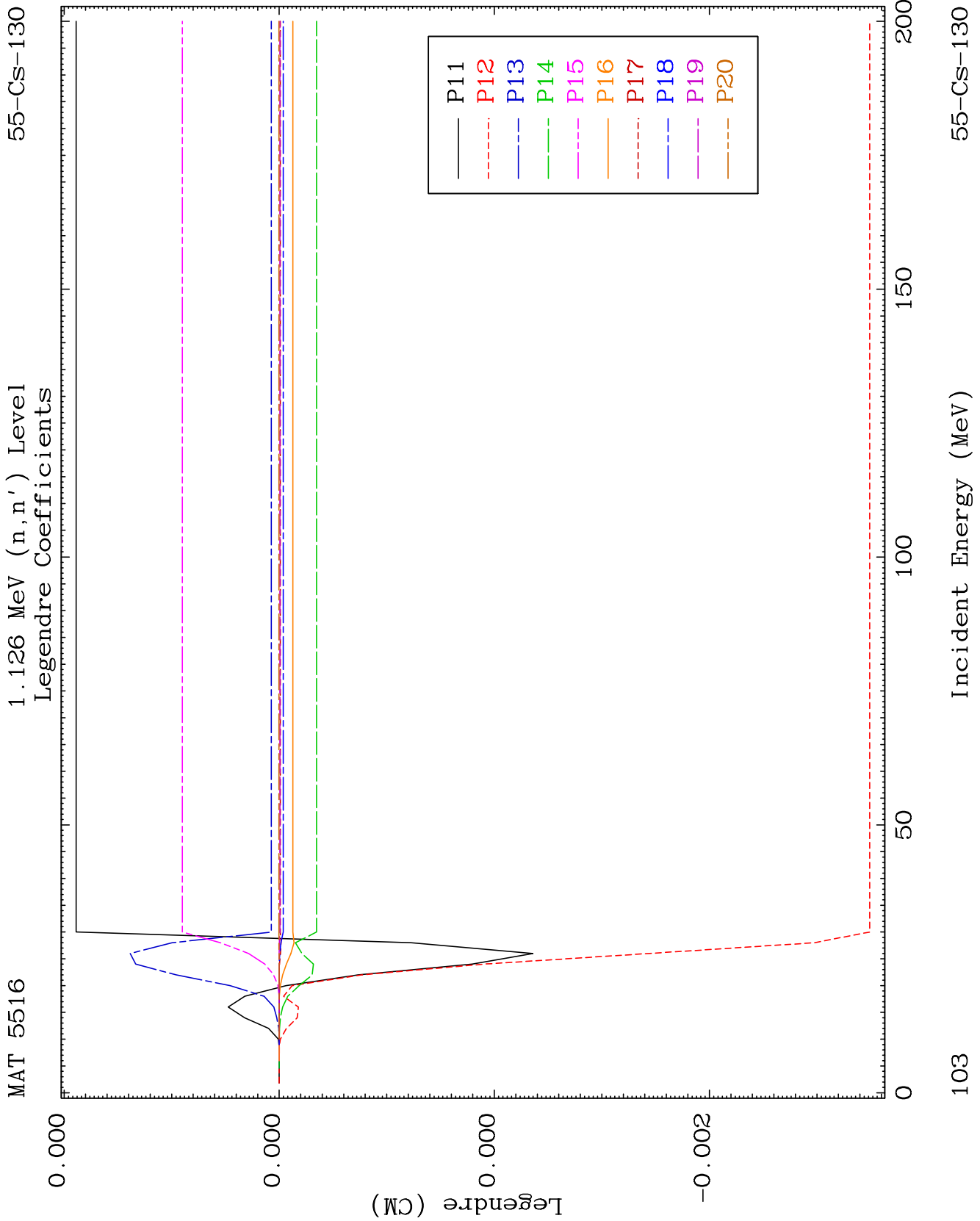
55-Cs-130

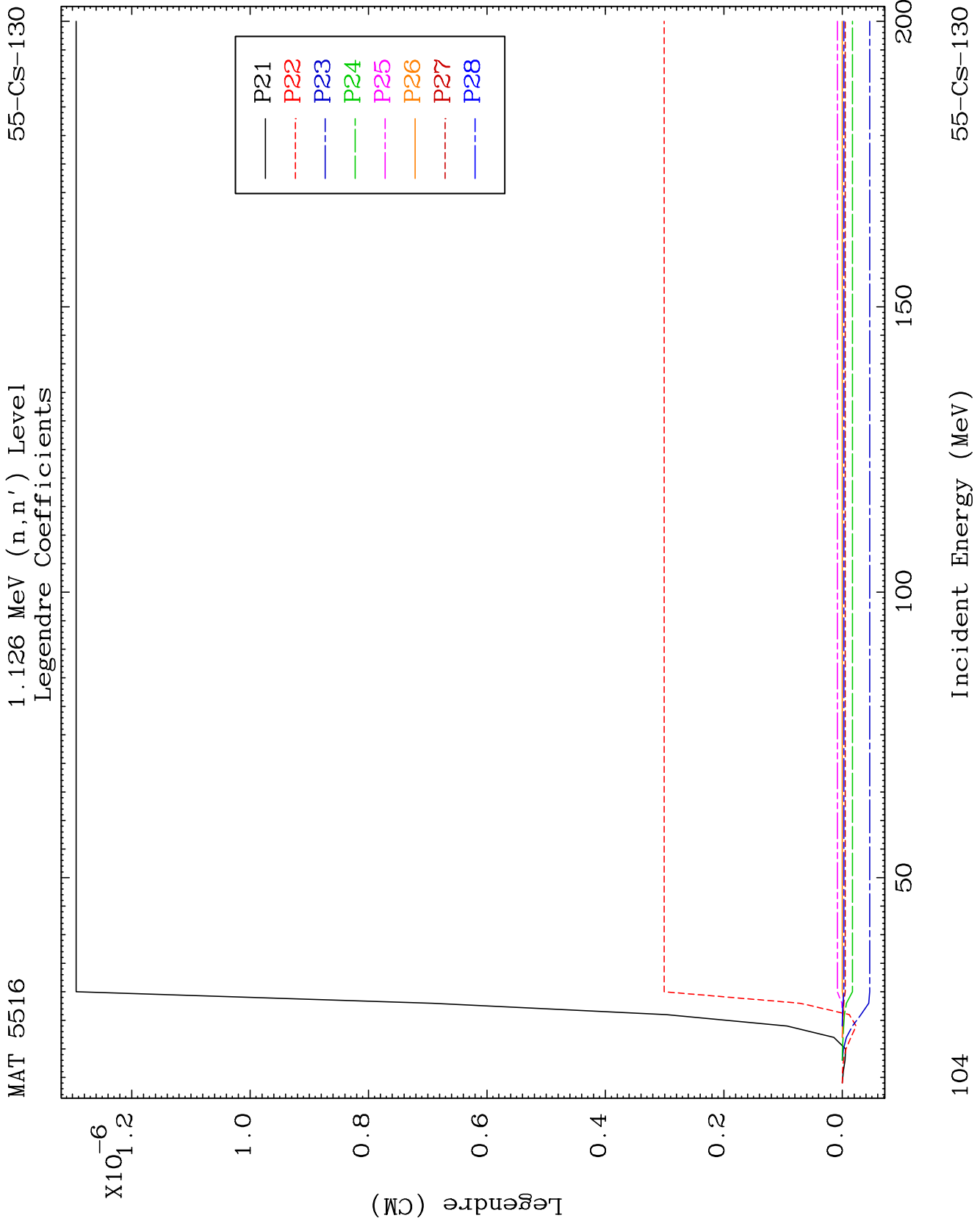


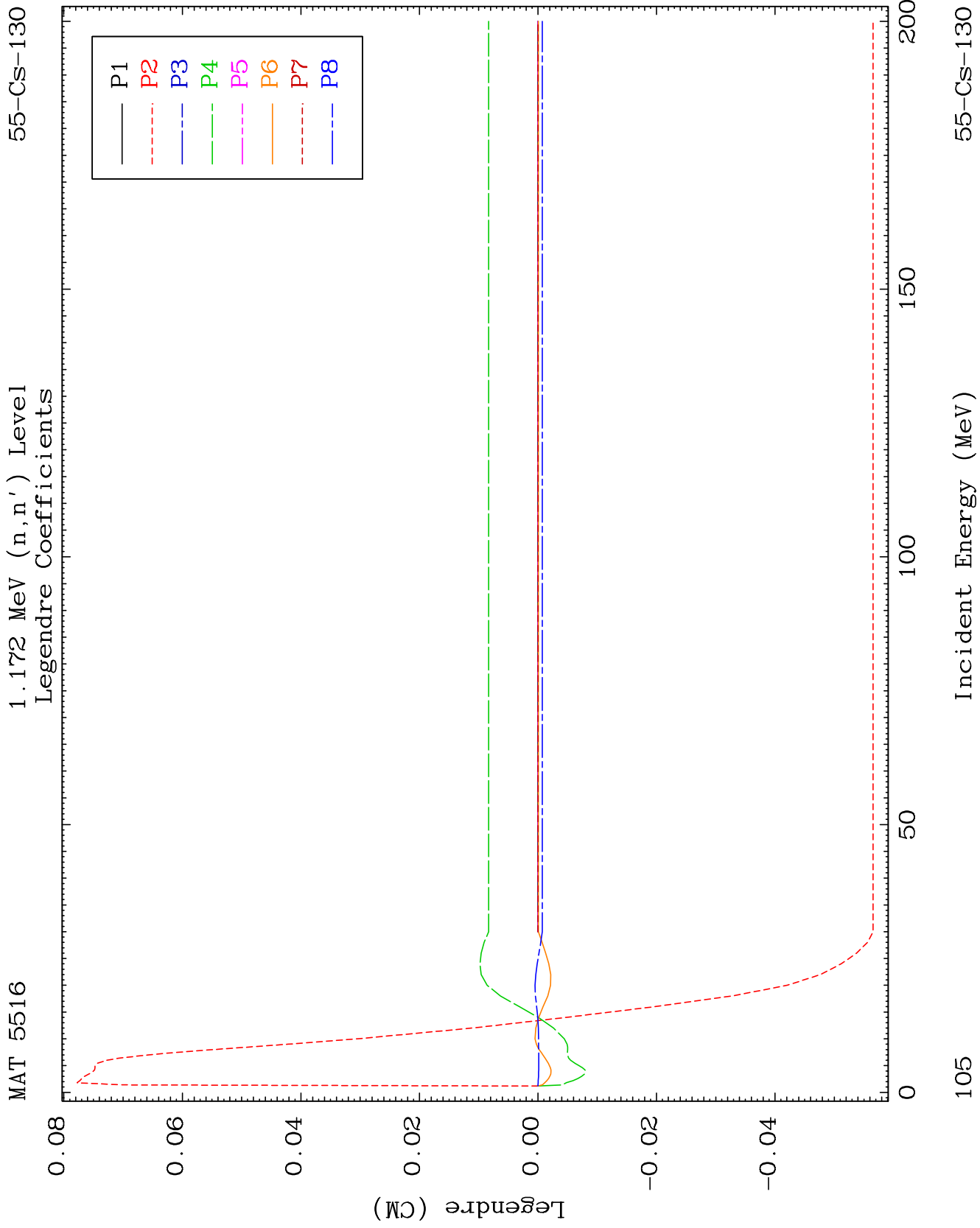


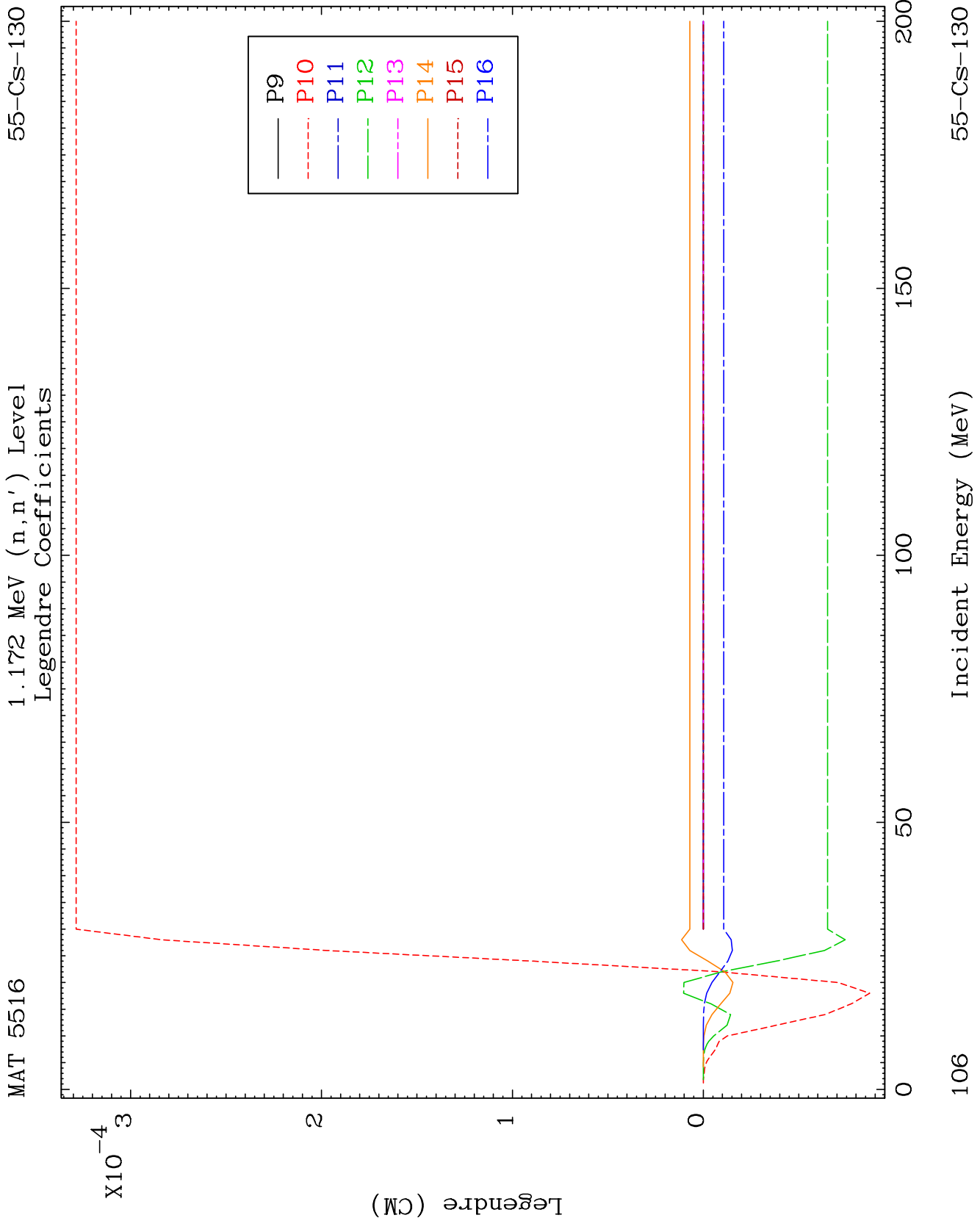


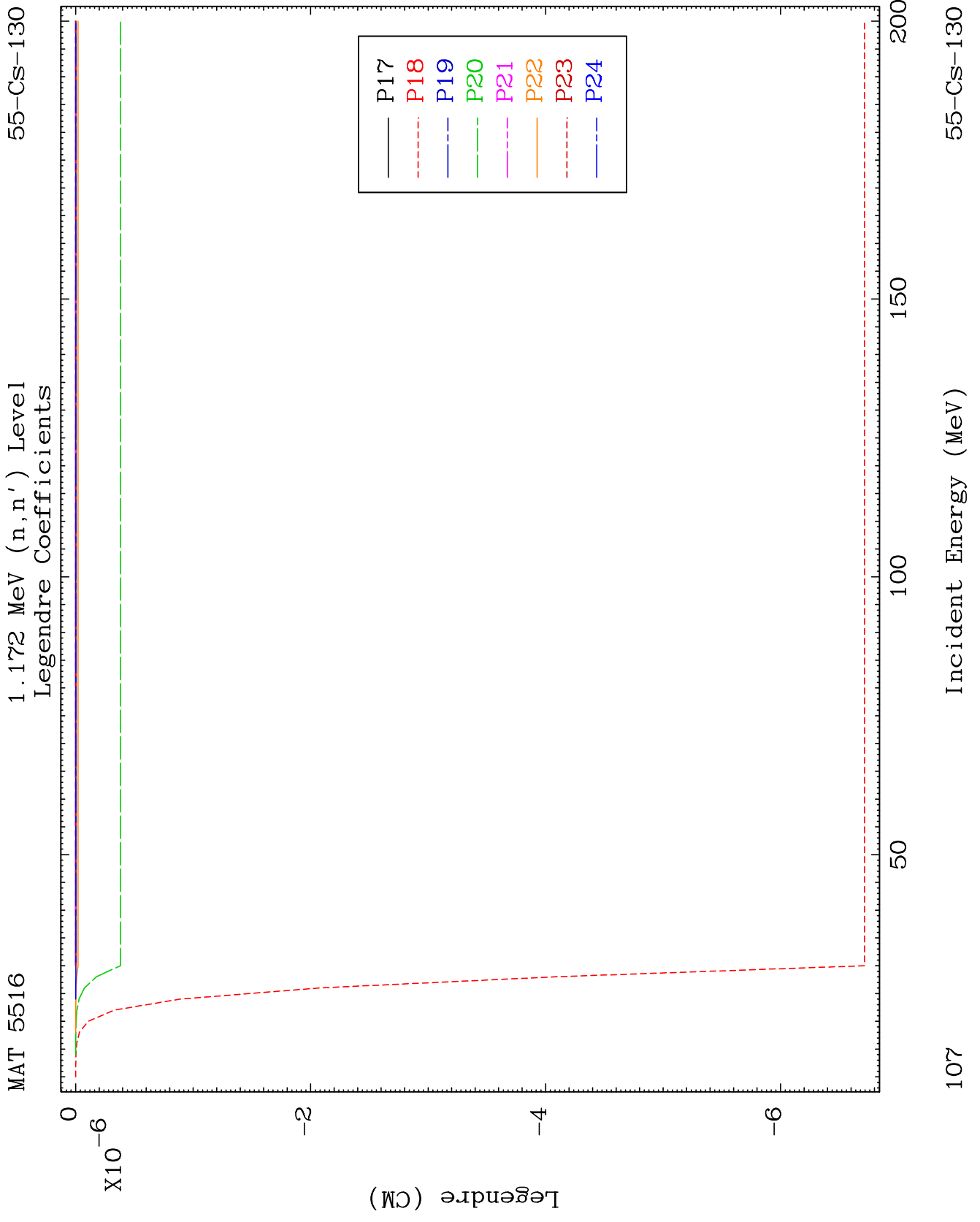


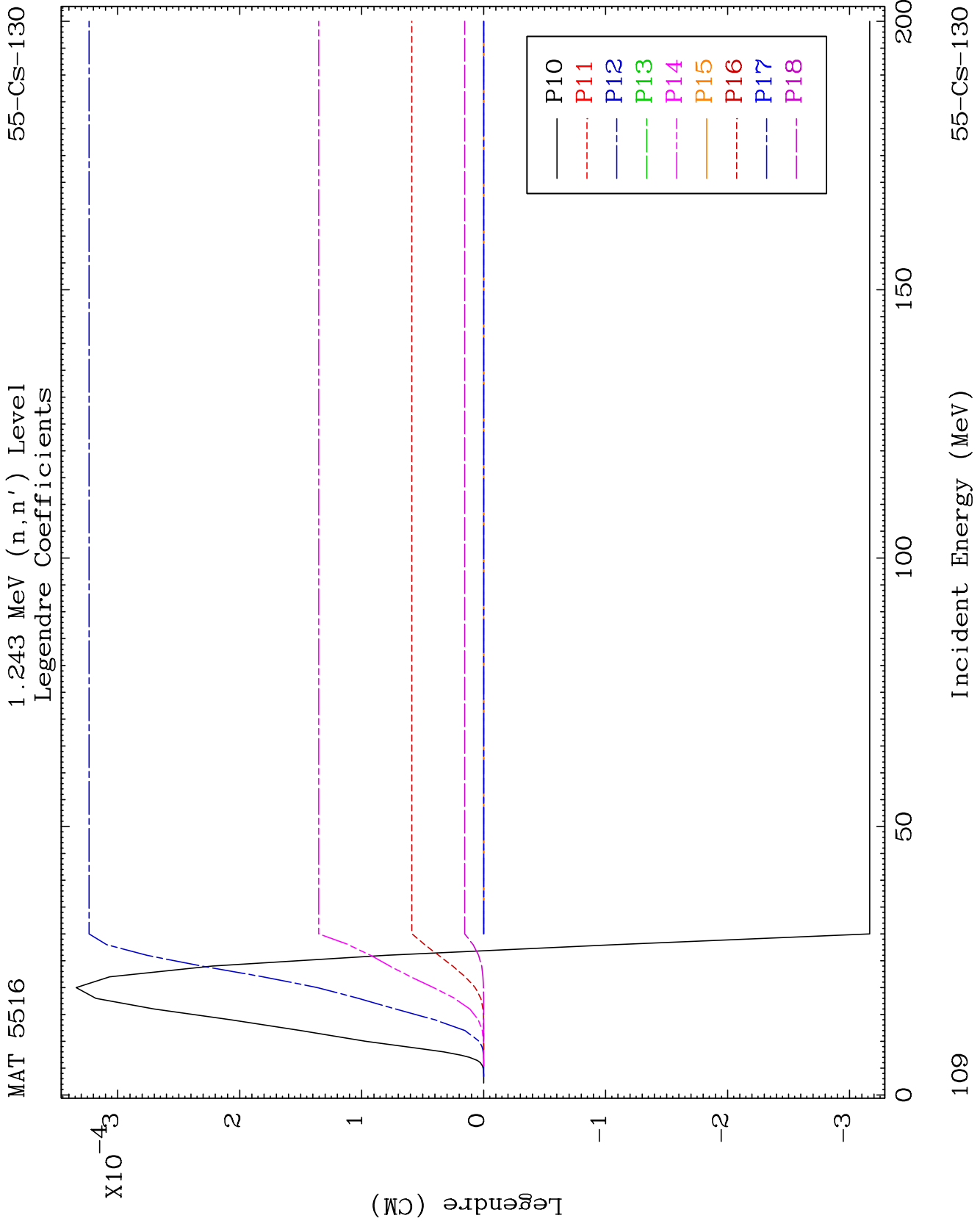


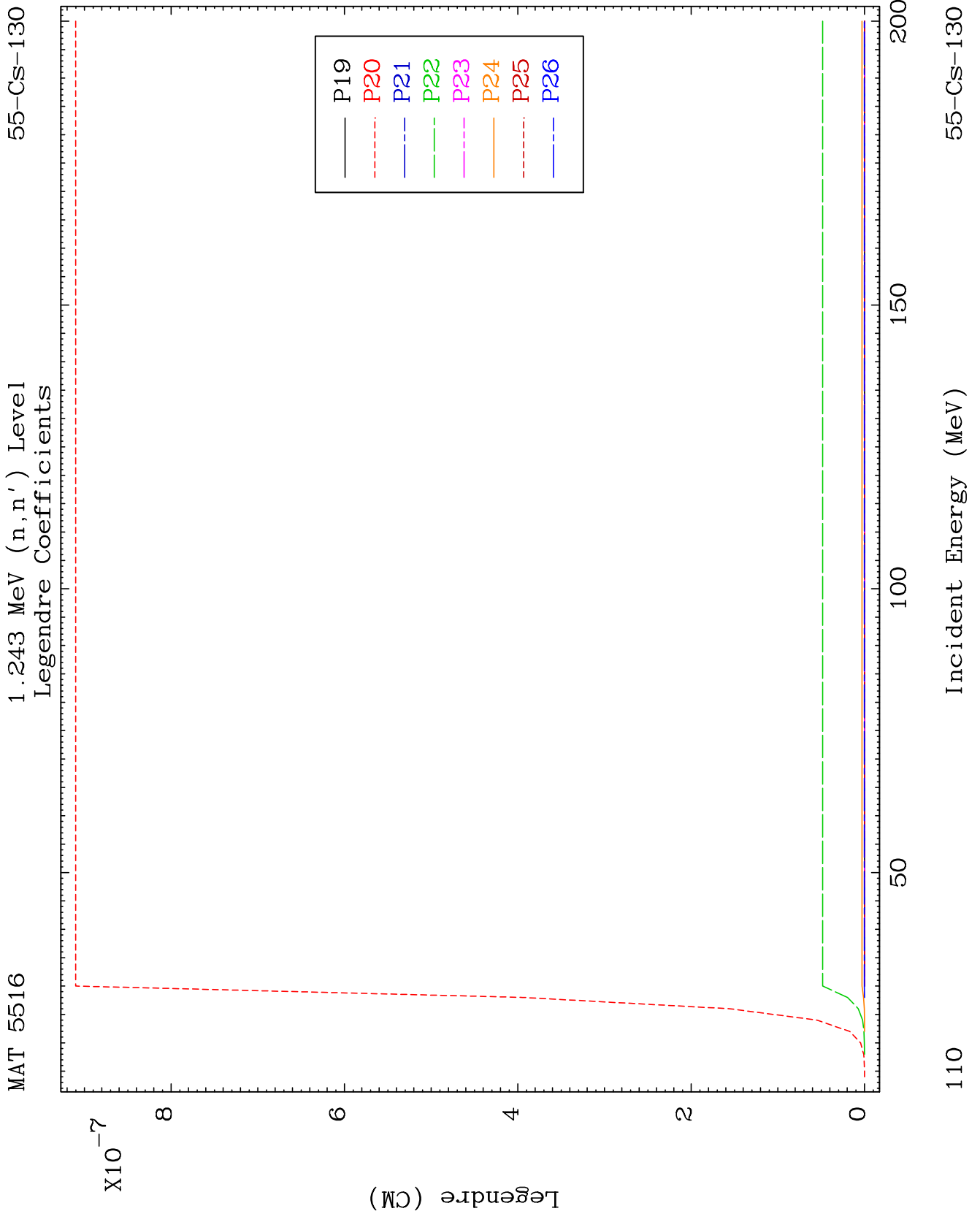








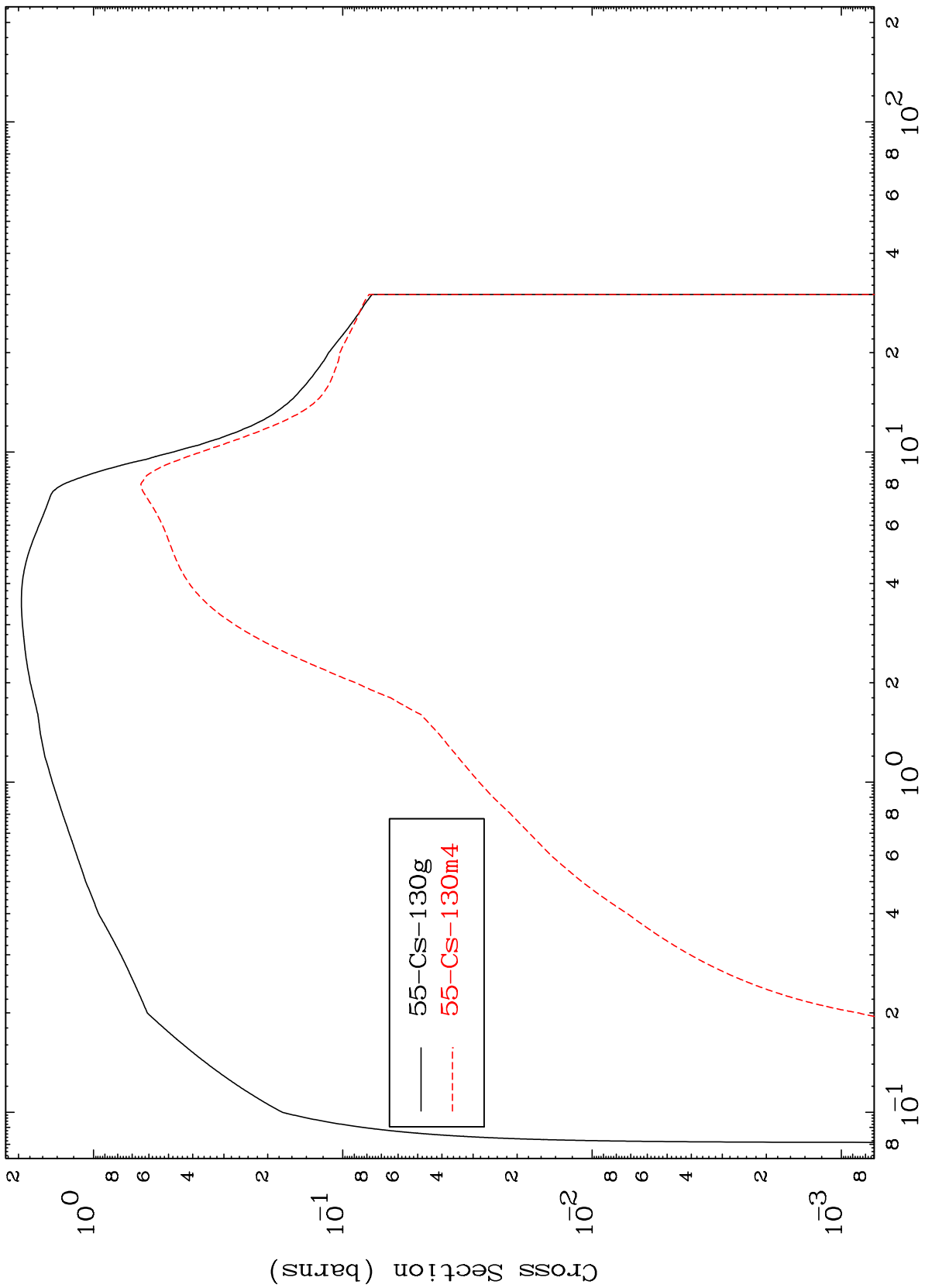




MAT 5516

55-Cs-130

Inelastic
Radionuclide Production Cross Section



55-Cs-130g
55-Cs-130m4

111

Incident Energy (MeV)

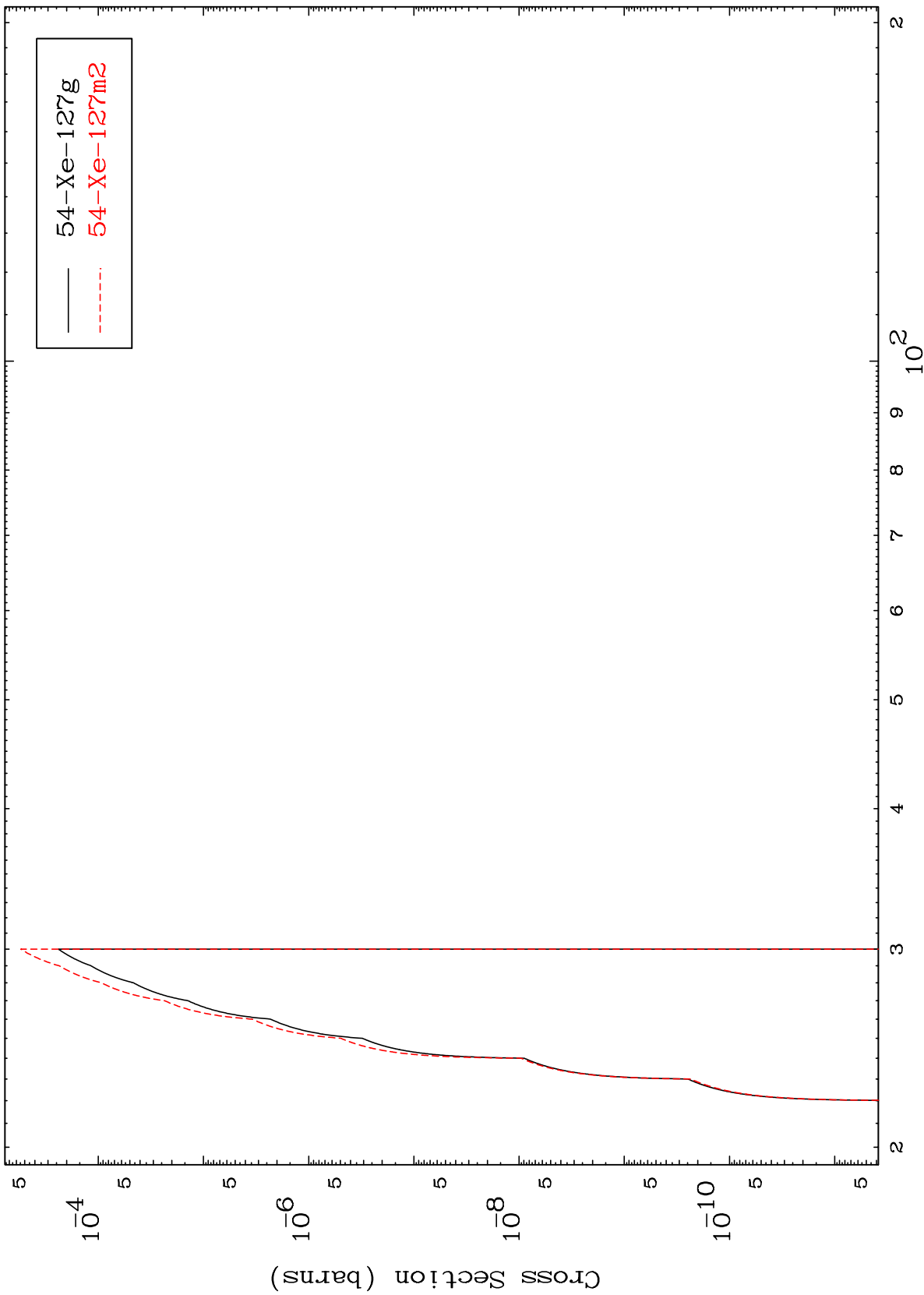
55-Cs-130

MAT 5516

(n,2n) d

55-Cs-130

Radionuclide Production Cross Section



112

Incident Energy (MeV)

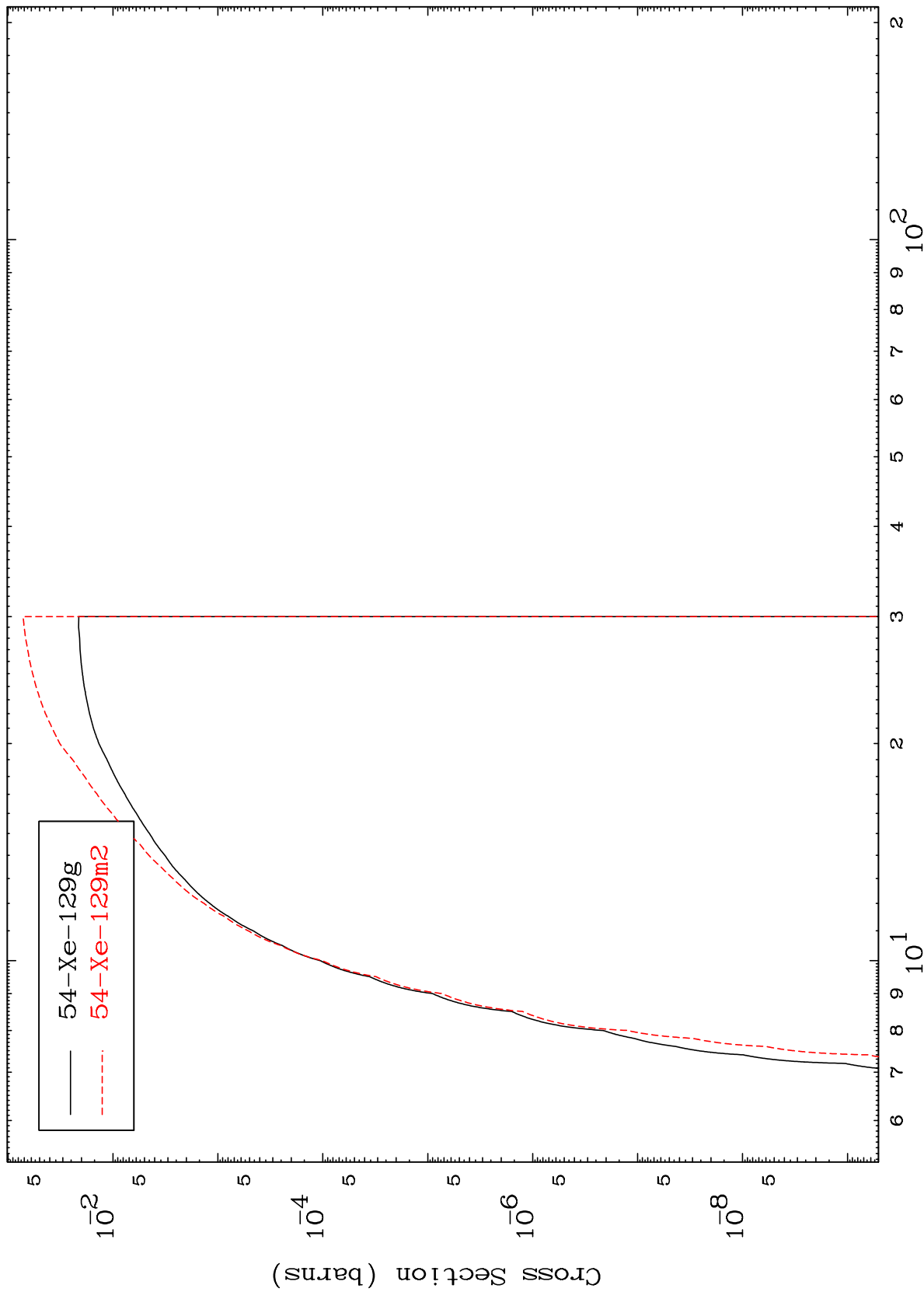
55-Cs-130

MAT 5516

(n,n') p

55-Cs-130

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

113

Incident Energy (MeV)

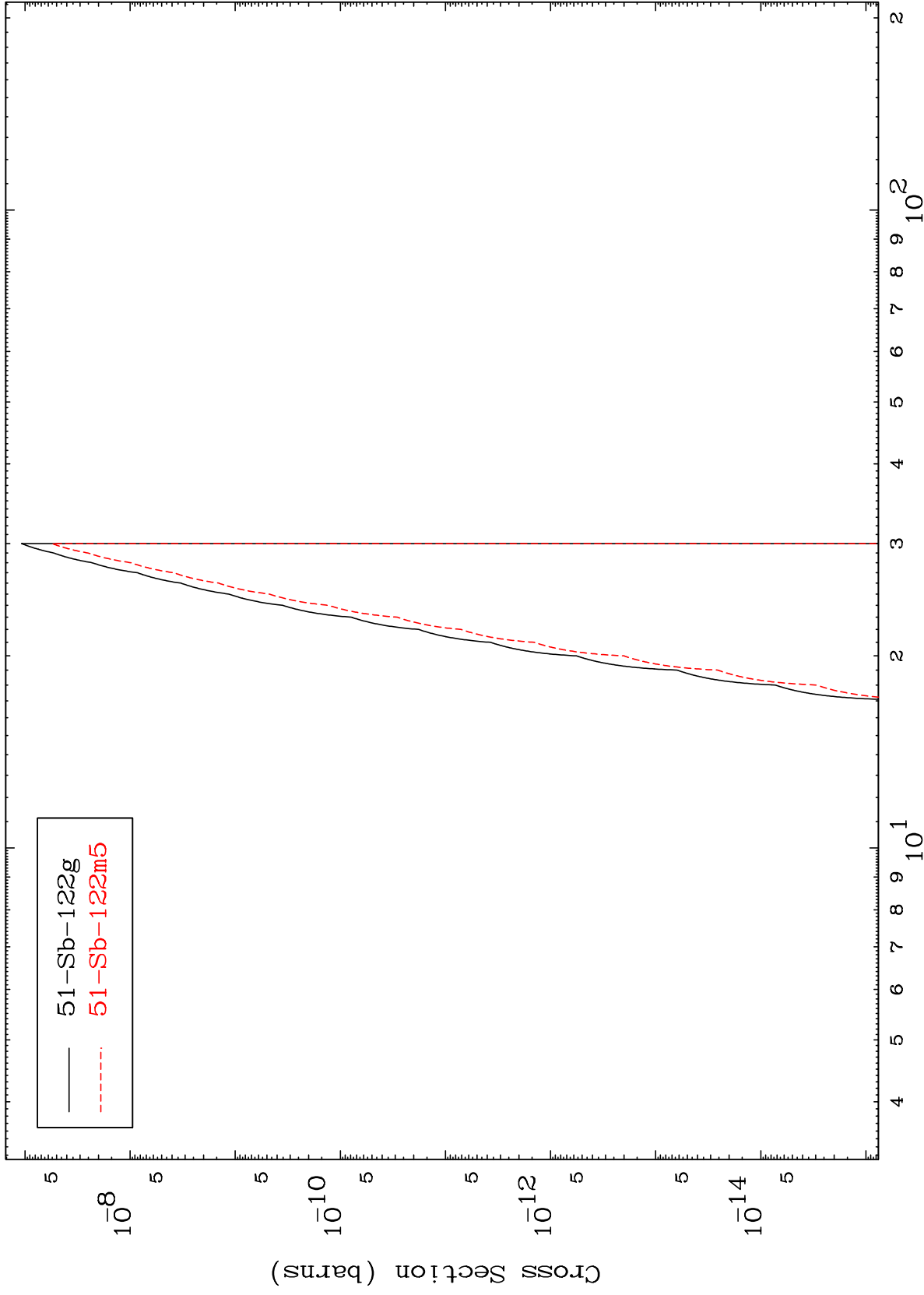
55-Cs-130

MAT 5516

(n,n') 2α

55-Cs-130

Radionuclide Production Cross Section



51-Sb-122g
51-Sb-122m5

114

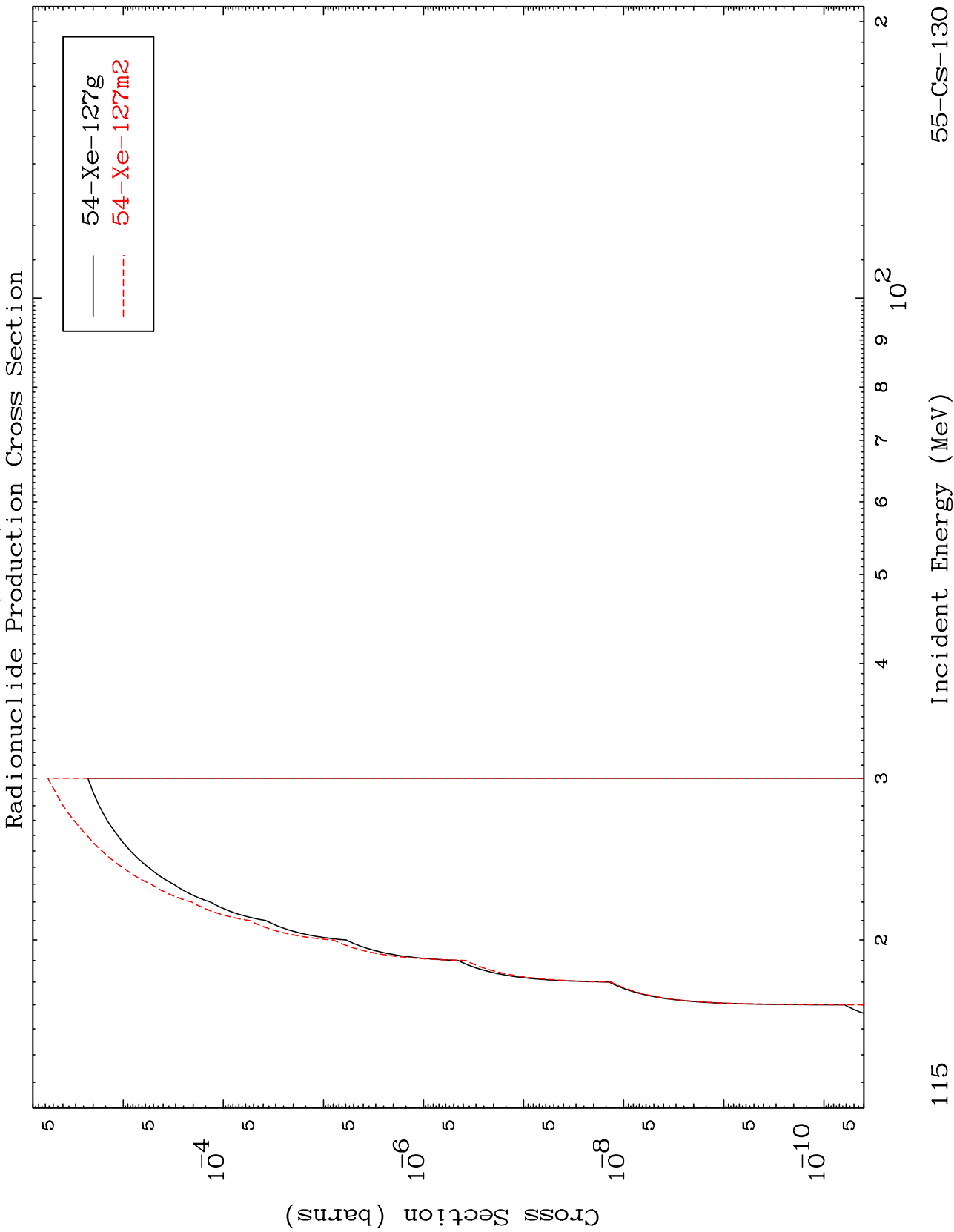
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,n') t

55-Cs-130



115

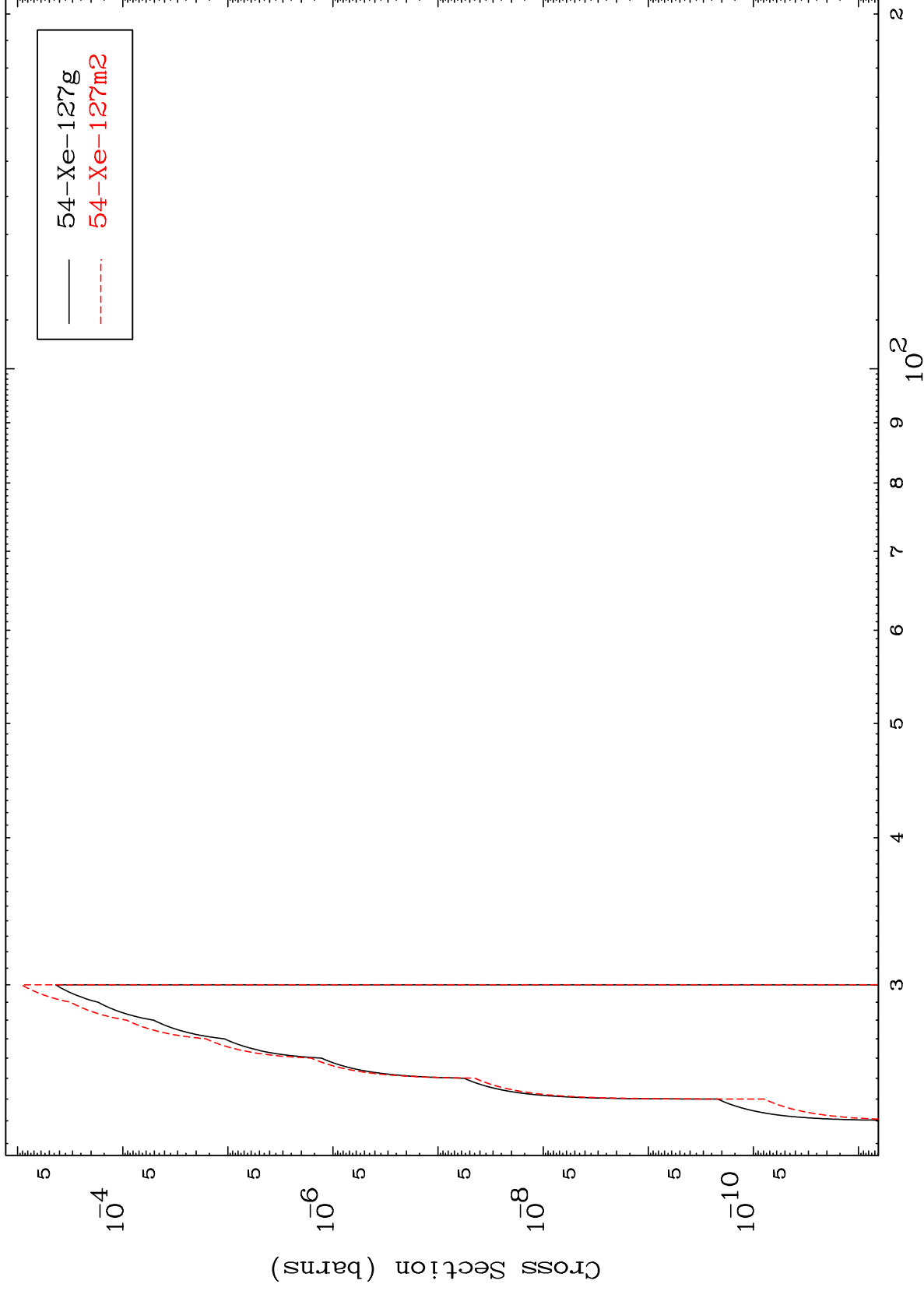
55-Cs-130

MAT 5516

(n,3n) p

55-Cs-130

Radionuclide Production Cross Section



116

Incident Energy (MeV)

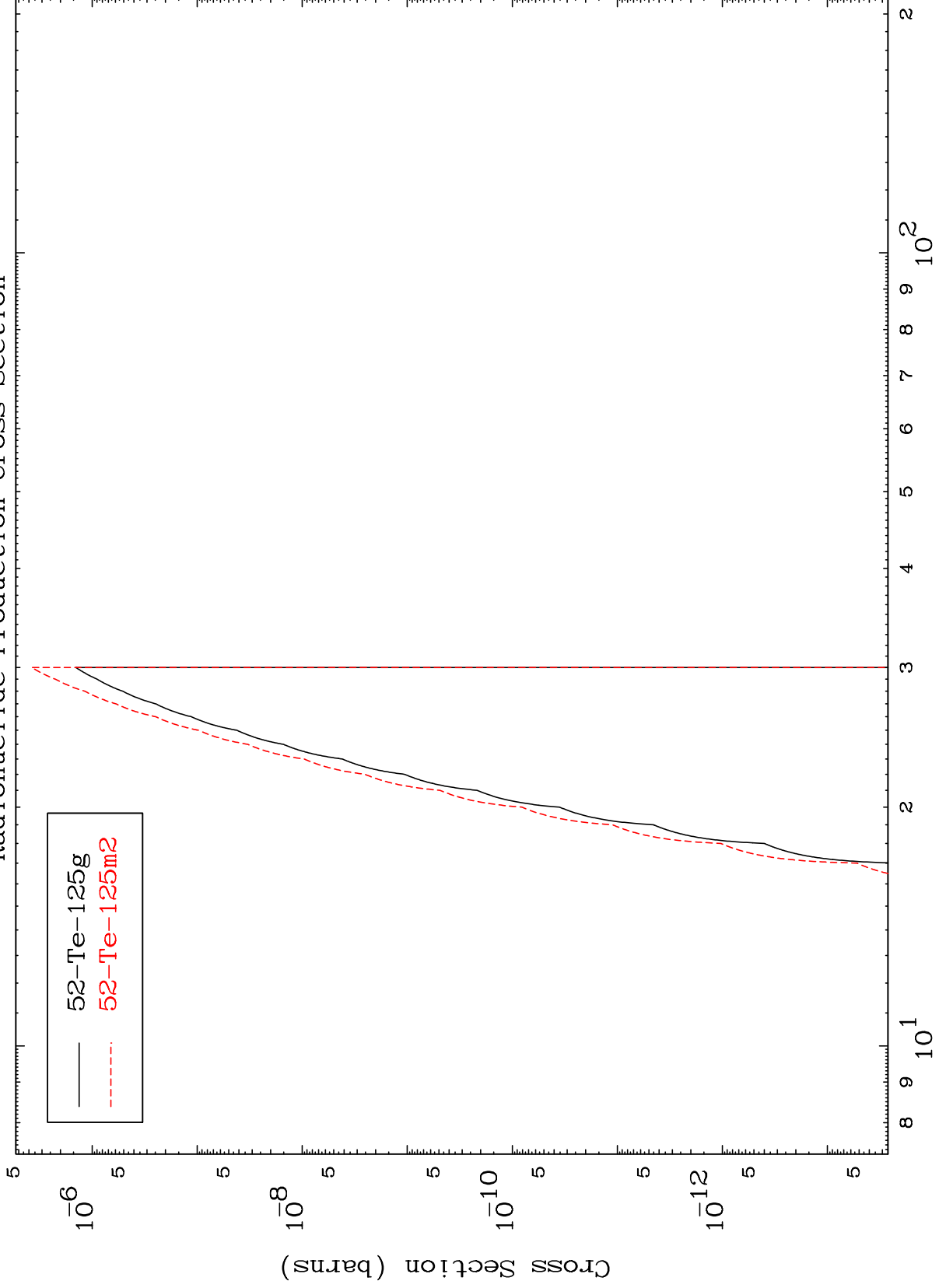
55-Cs-130

MAT 5516

(n,n') p α

55-Cs-130

Radionuclide Production Cross Section



117

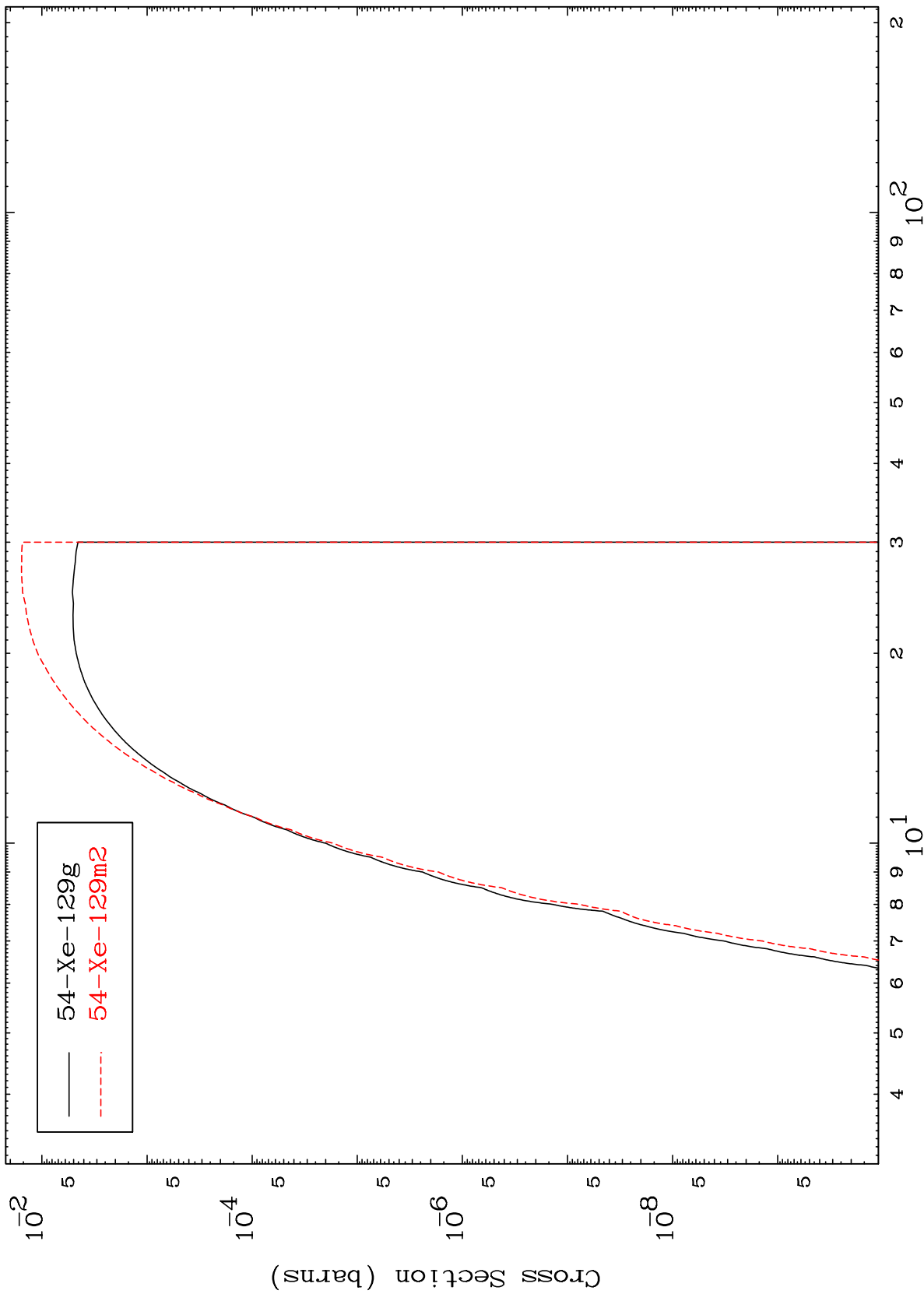
Incident Energy (MeV)

55-Cs-130

MAT 5516

55-Cs-130

(n,d)
Radionuclide Production Cross Section



— 54-Xe-129g
- - - 54-Xe-129m2

55-Cs-130

Incident Energy (MeV)

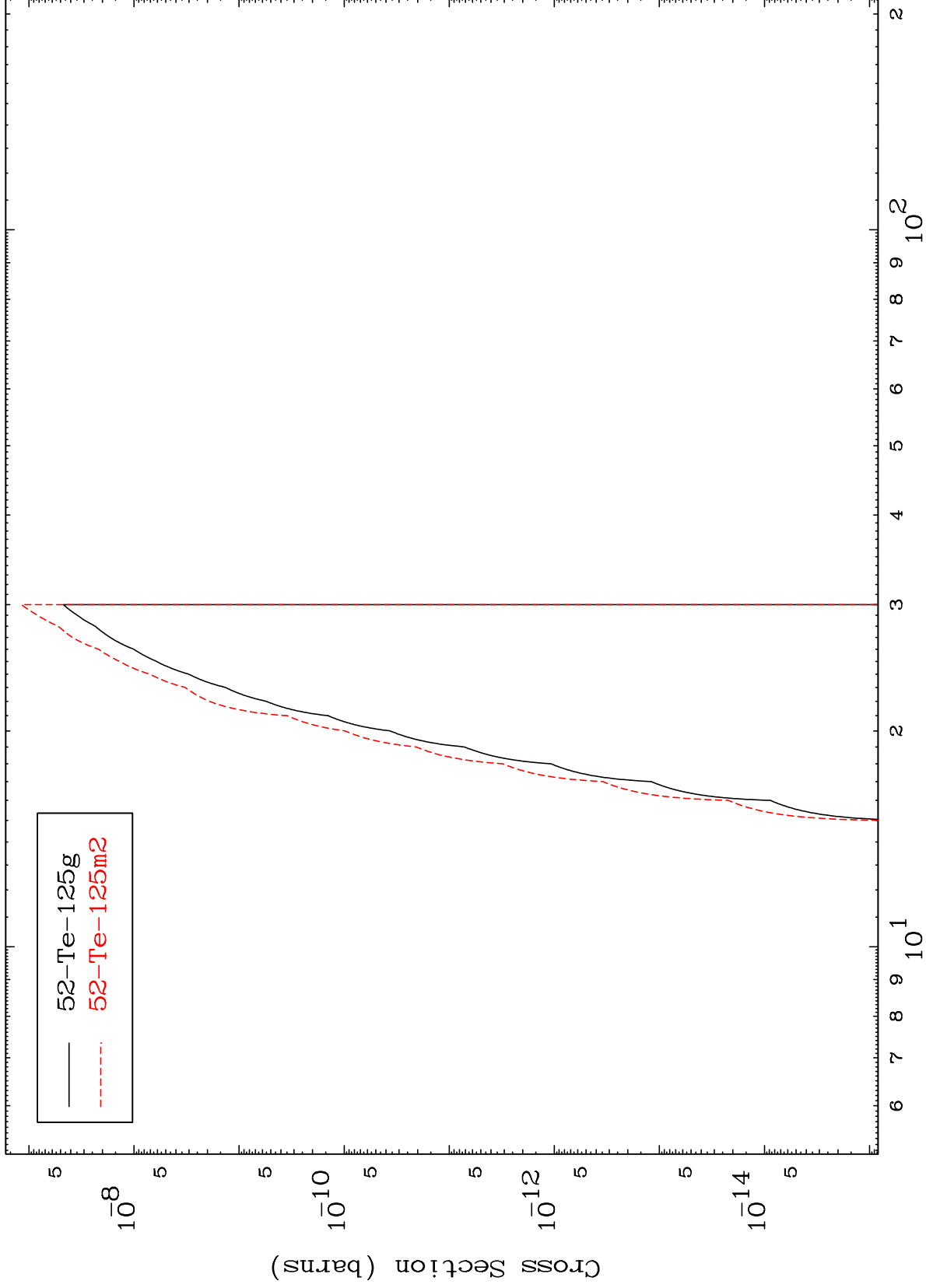
118

MAT 5516

(n,d) α

55-Cs-130

Radionuclide Production Cross Section



119

Incident Energy (MeV)

55-Cs-130