

Program EVALPLOT
(Version 2015-2)

by

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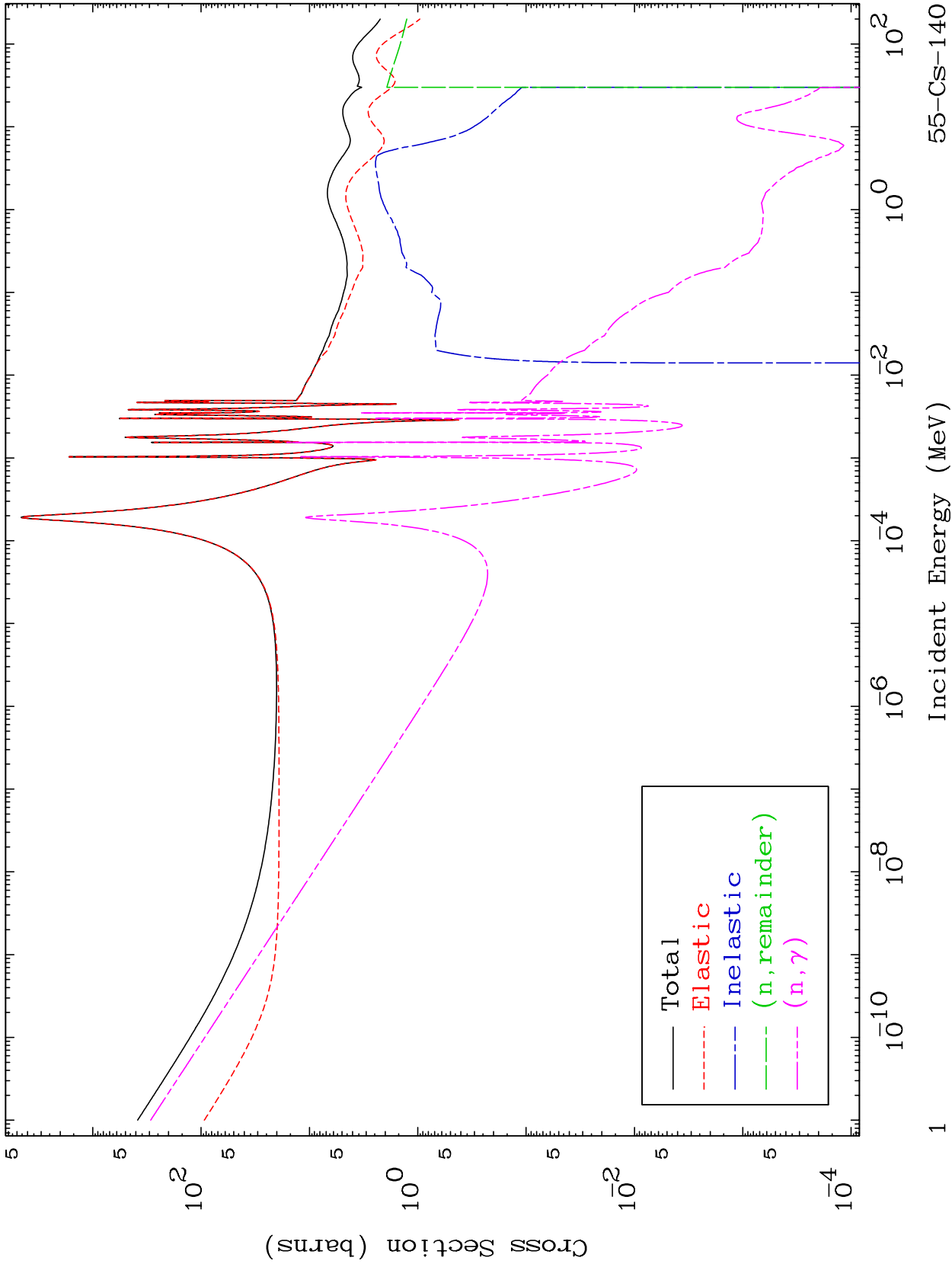
Press Mouse Button to Start

MAT 5546

Major

293 Kelvin Cross Sections

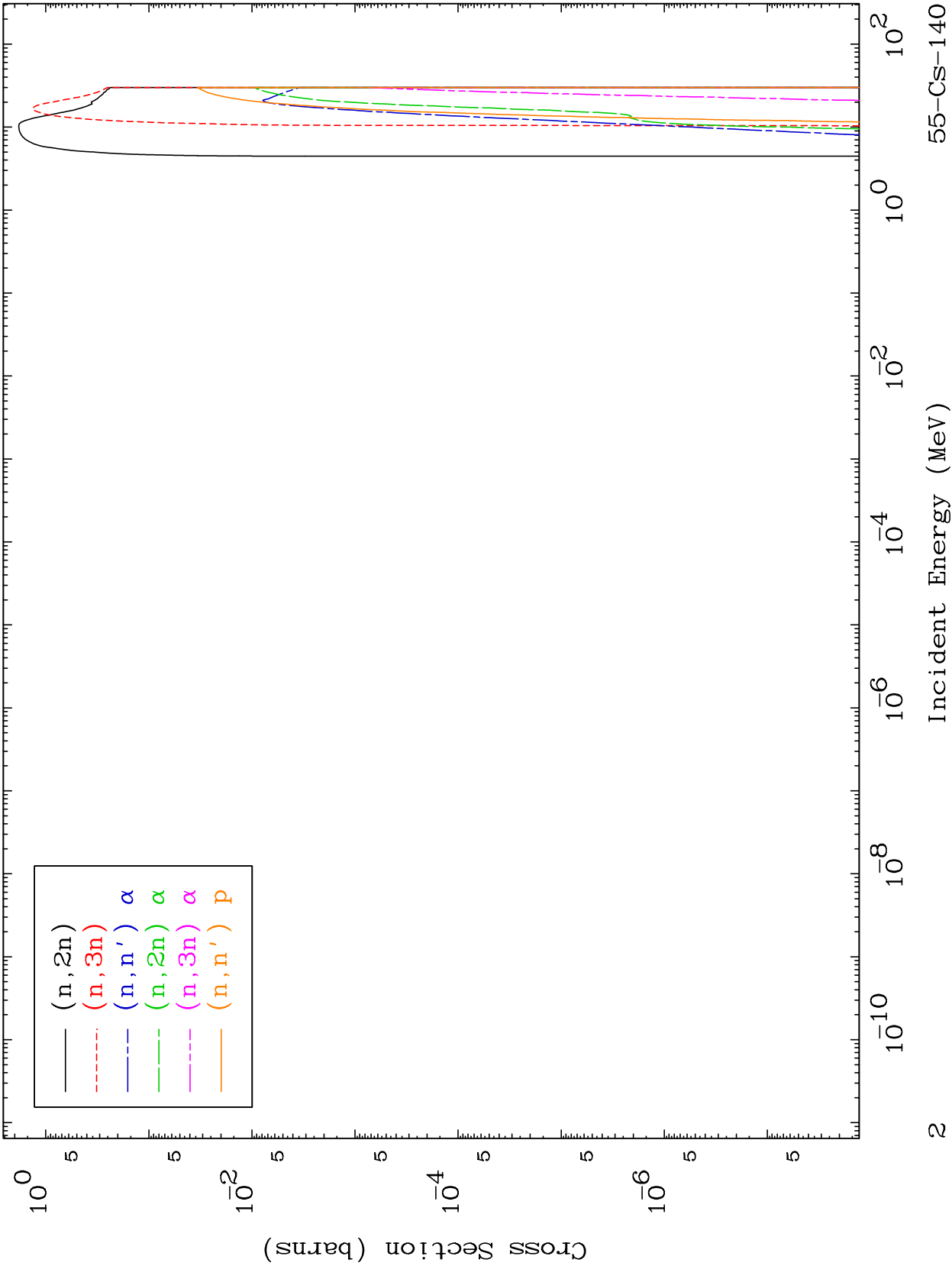
55-Cs-140

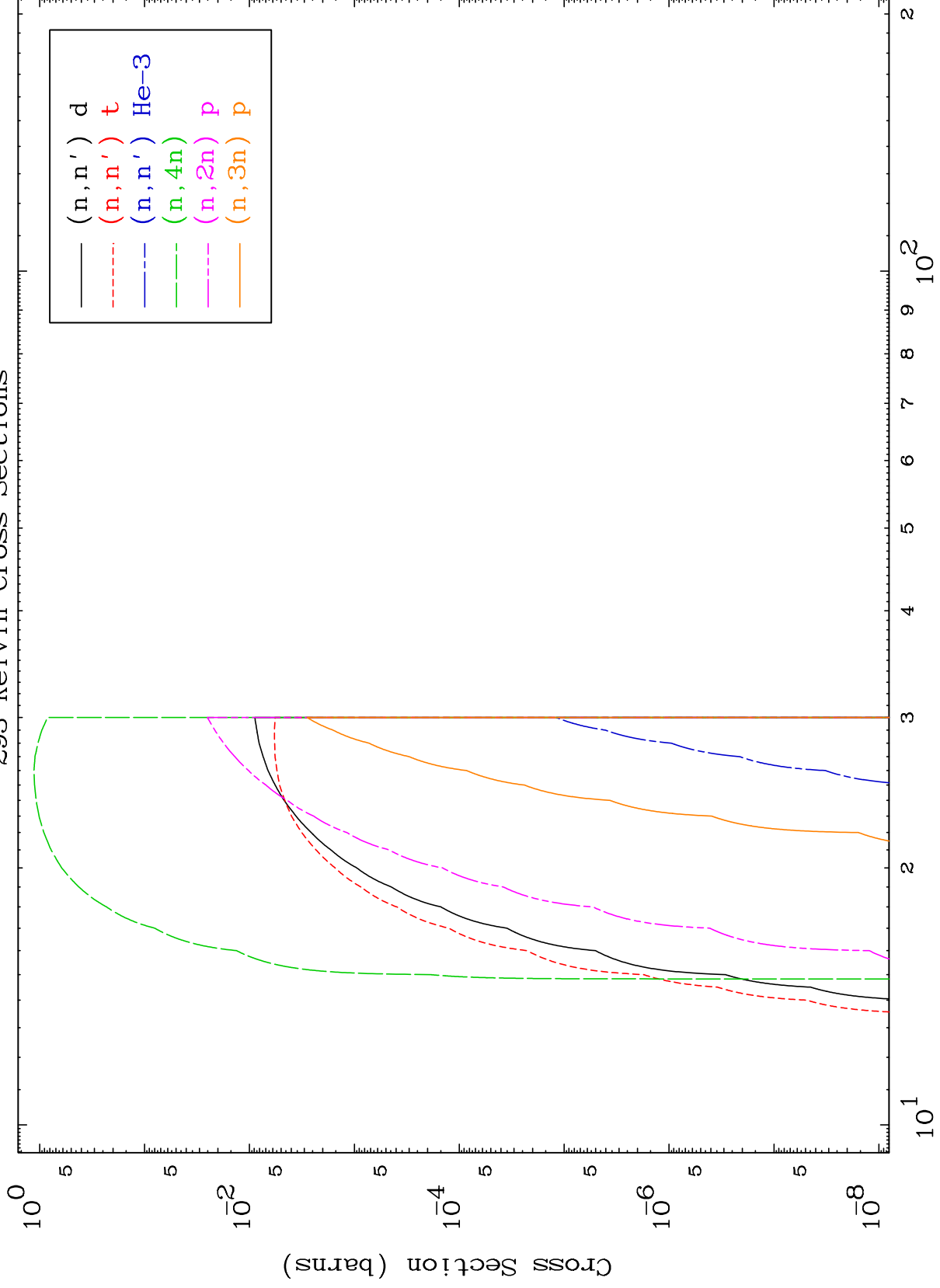


MAT 5546

Neutron Production
293 Kelvin Cross Sections

55-Cs-140

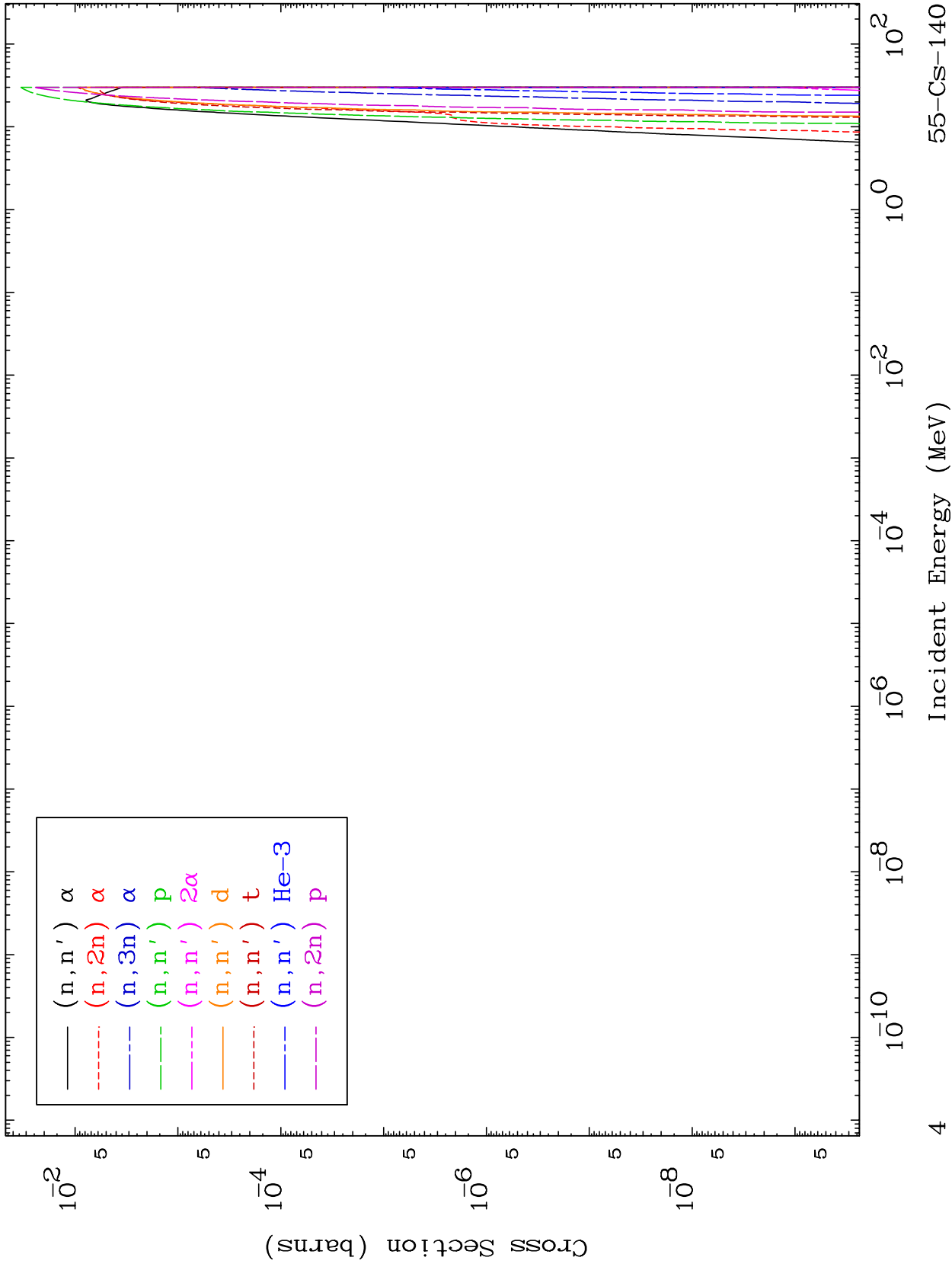




MAT 5546

Charged Particle
293 Kelvin Cross Sections

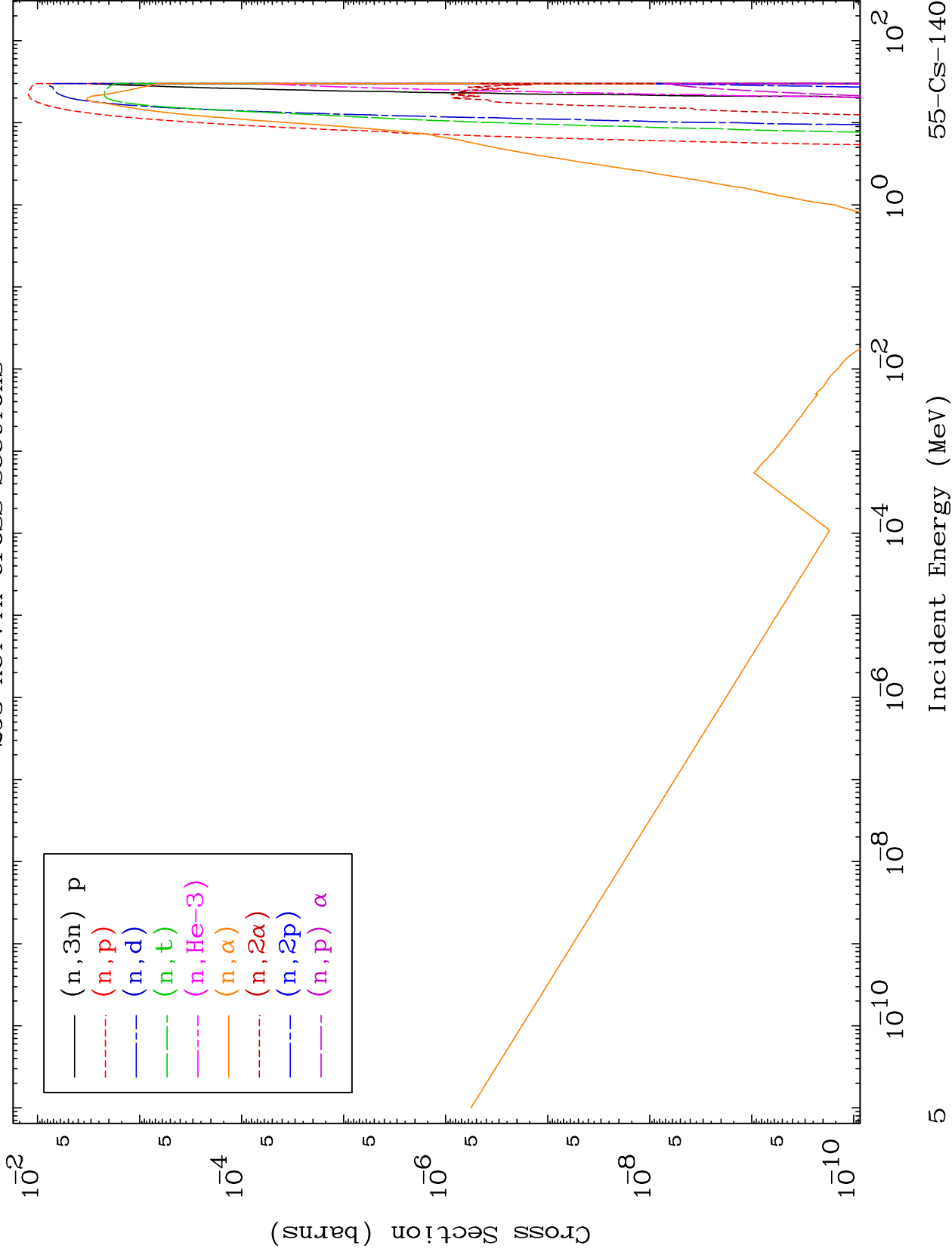
55-Cs-140



MAT 5546

Charged Particle
293 Kelvin Cross Sections

55-Cs-140

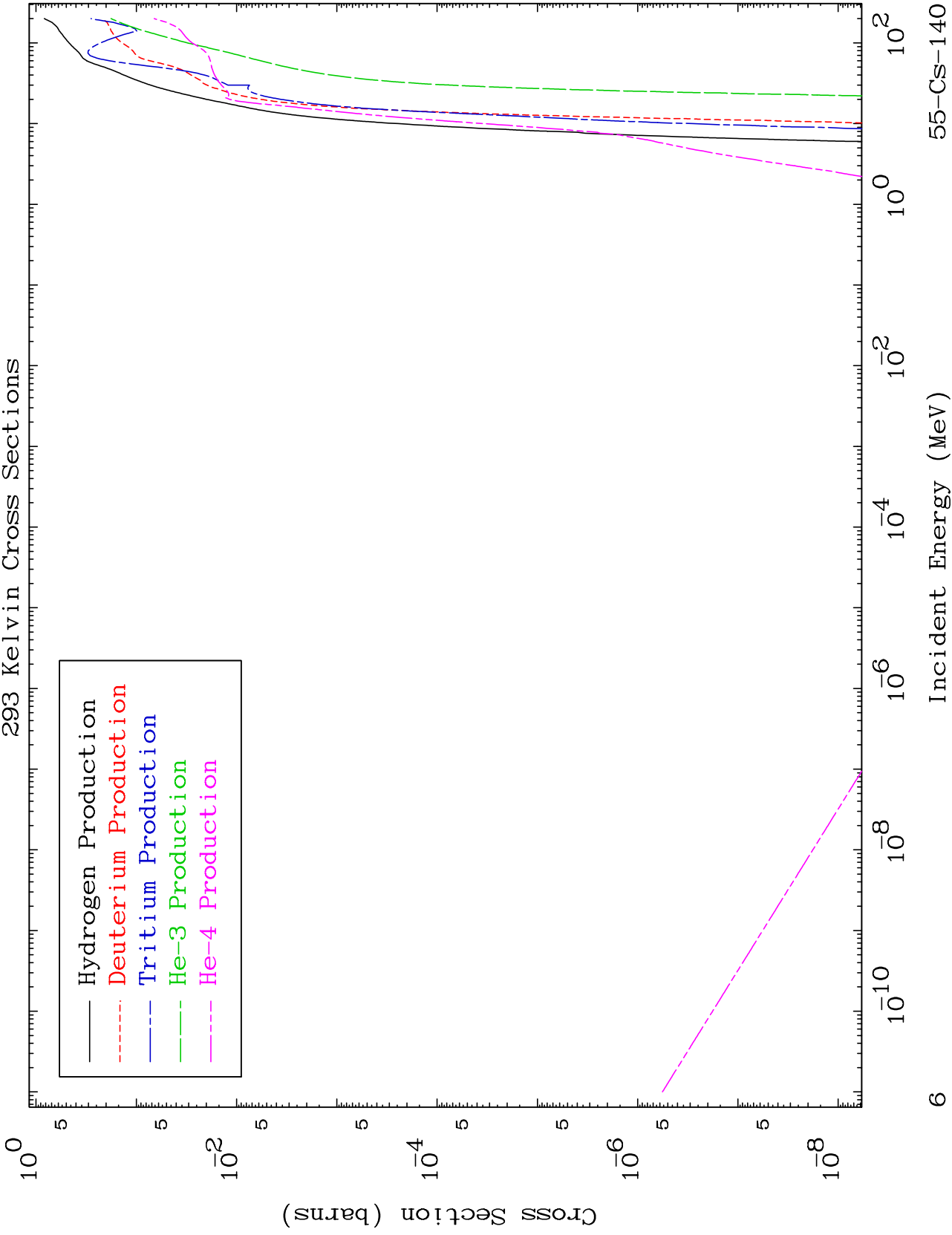


5

MAT 5546

Particle Production
293 Kelvin Cross Sections

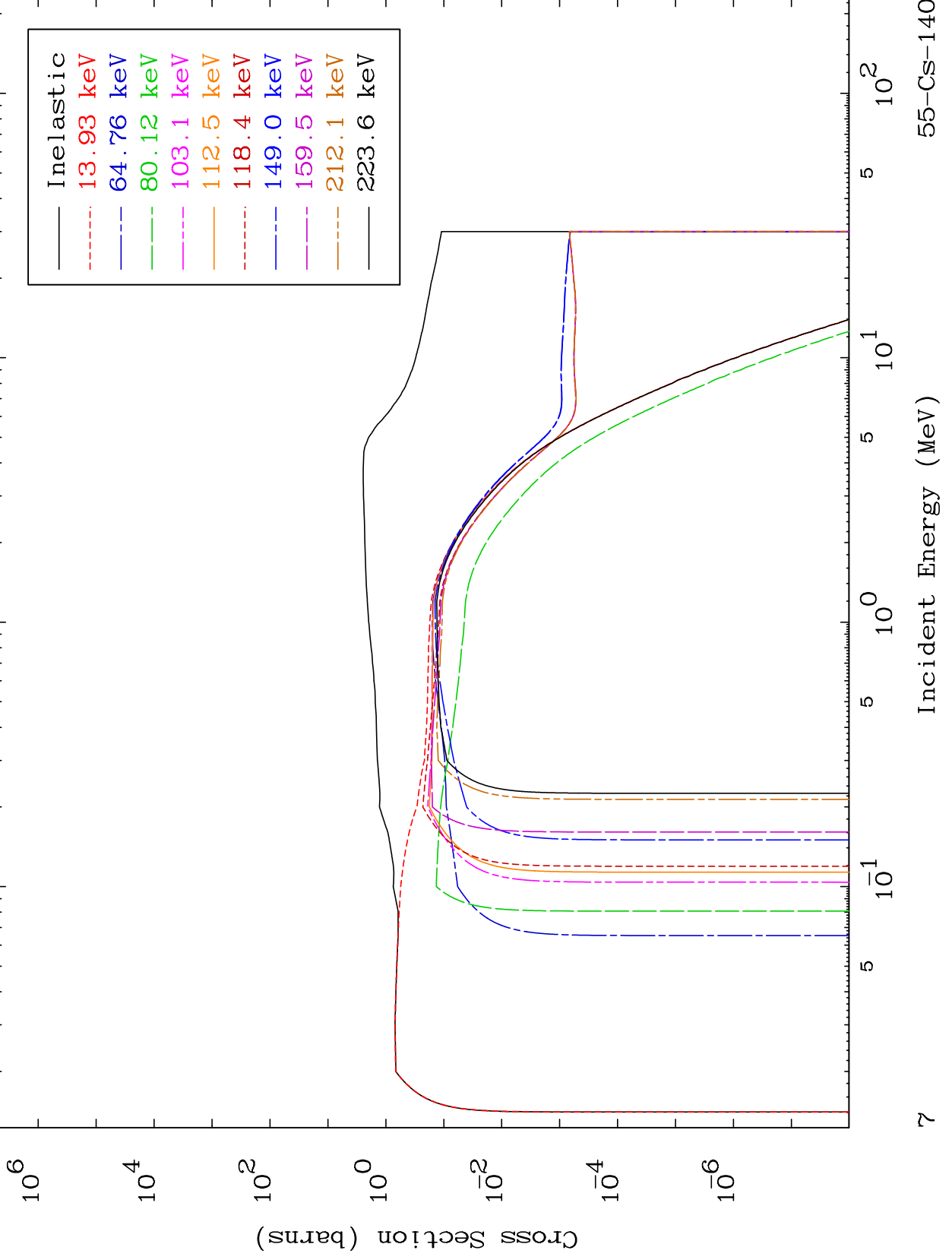
55-Cs-140



MAT 5546

(n,n') Level
293 Kelvin Cross Sections

55-Cs-140

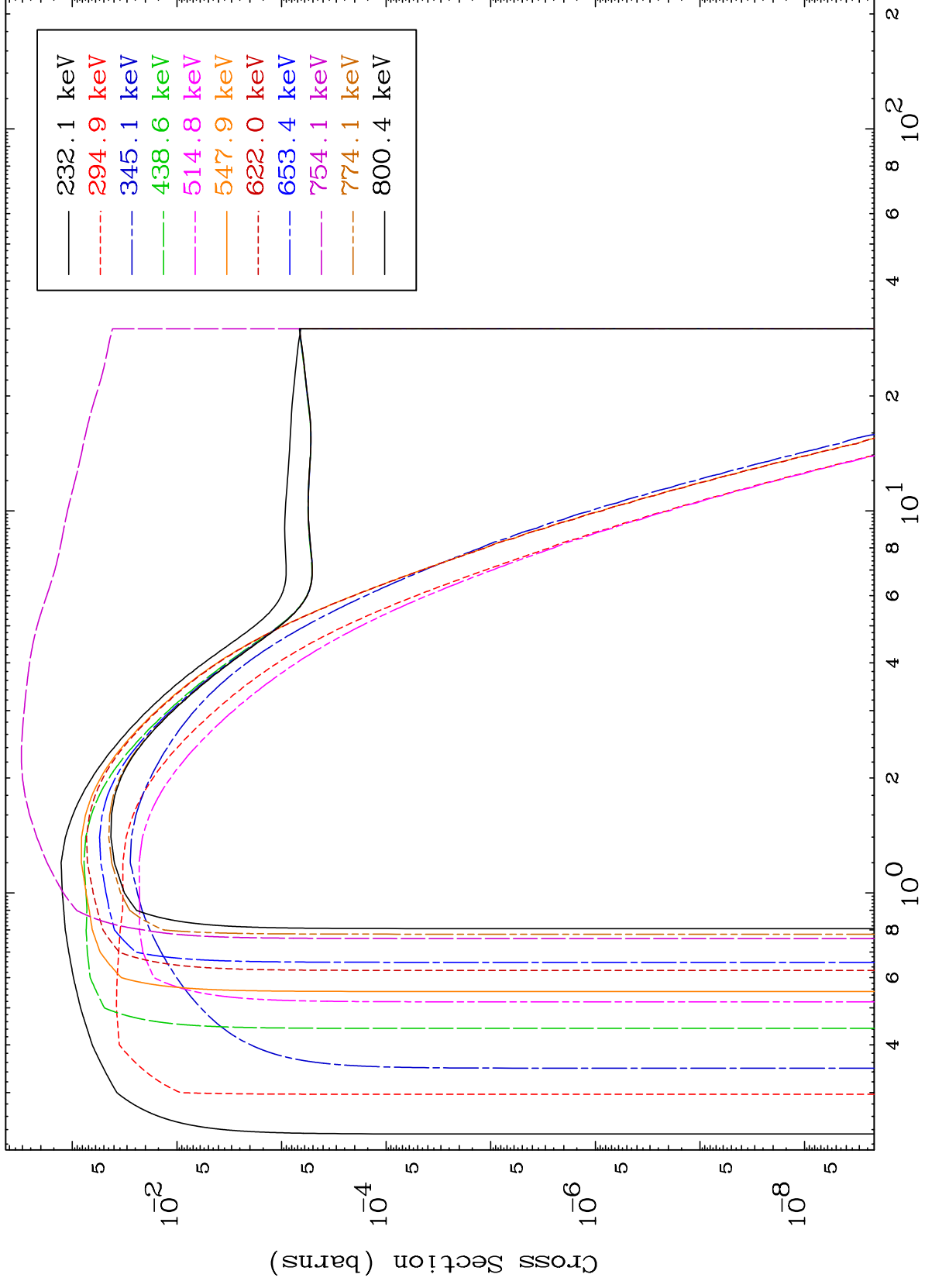


MAT 5546

(n,n') Level

55-Cs-140

293 Kelvin Cross Sections



8

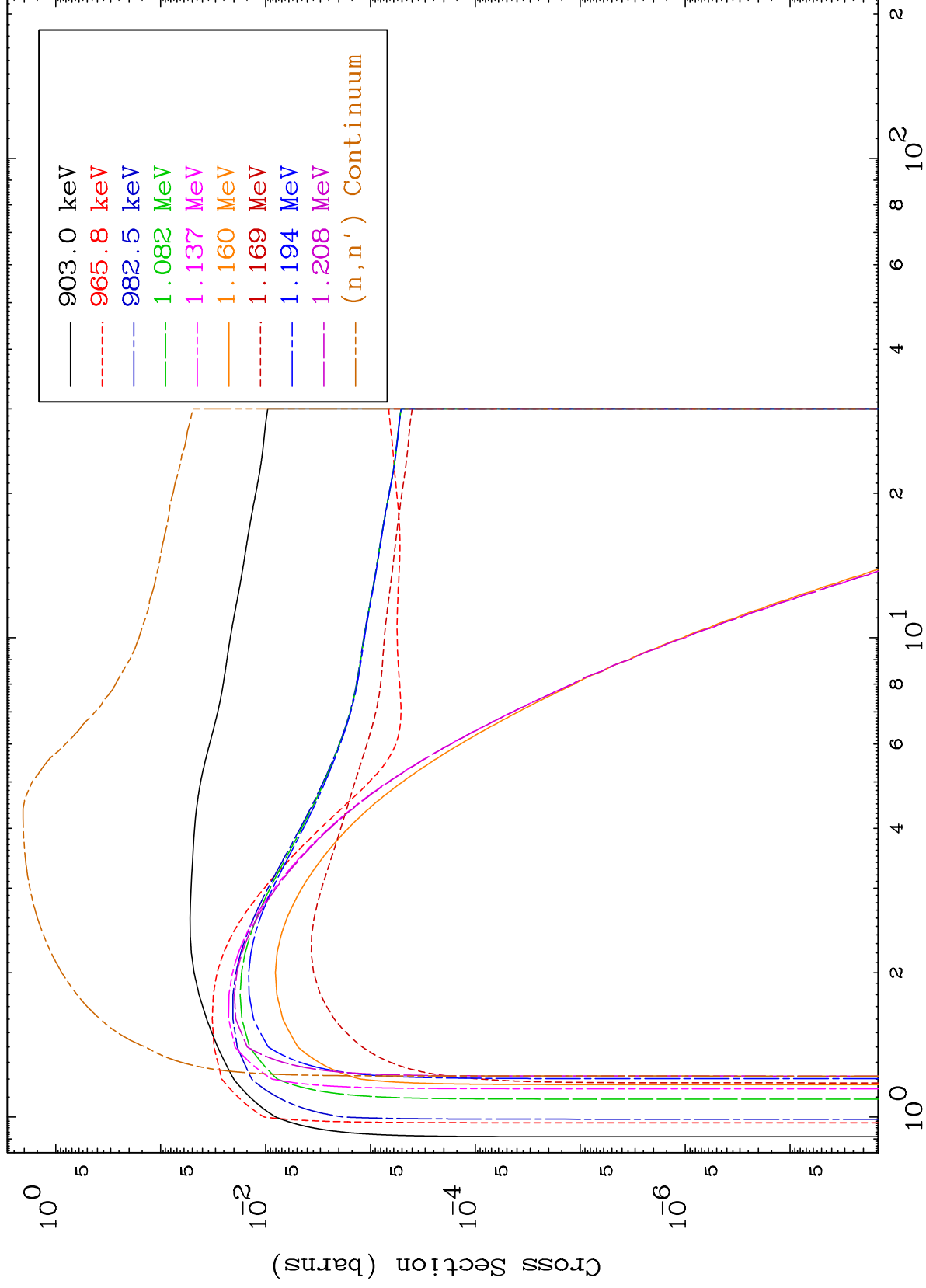
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,n') Level
293 Kelvin Cross Sections

55-Cs-140



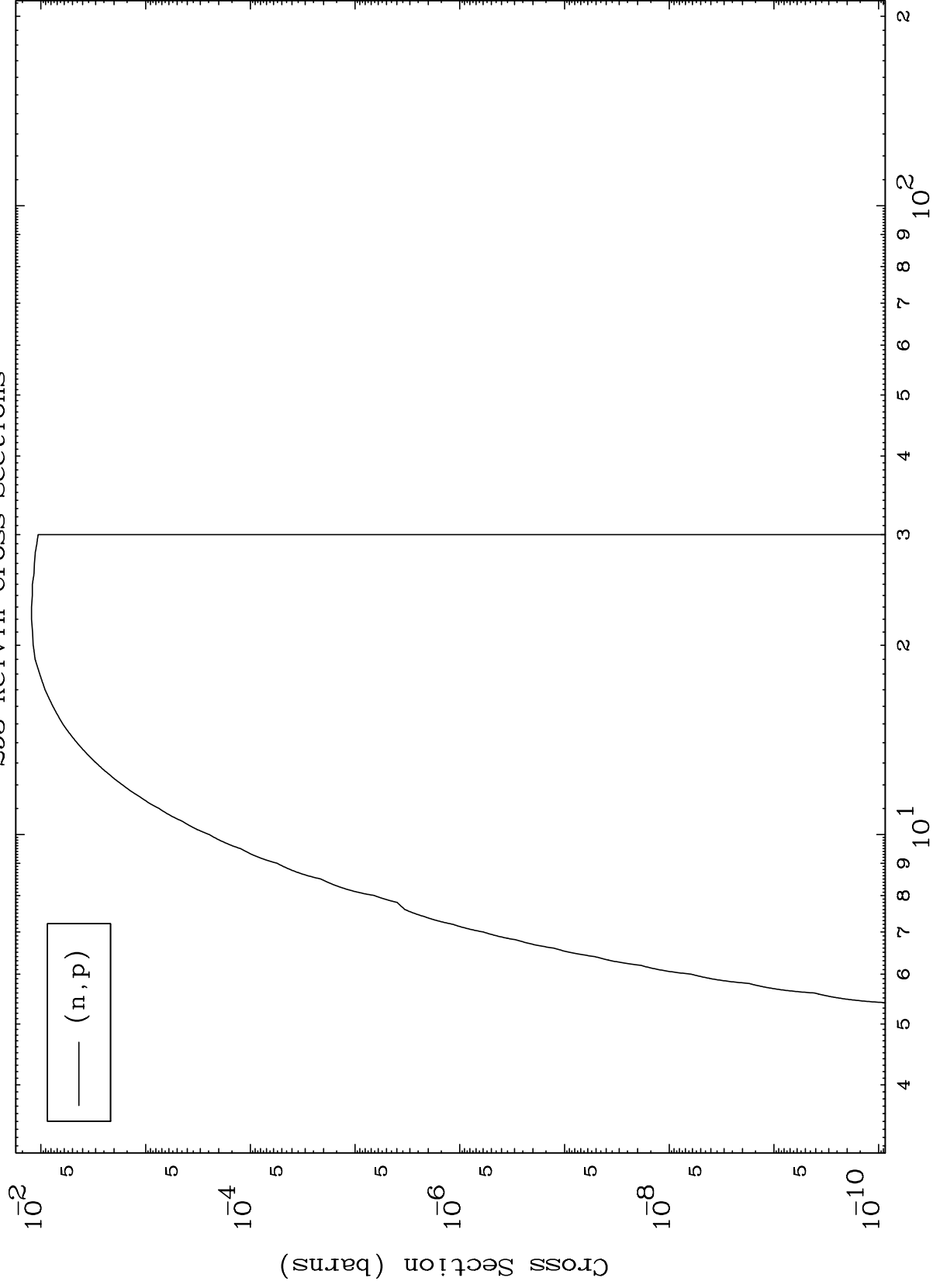
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,p) Levels
293 Kelvin Cross Sections

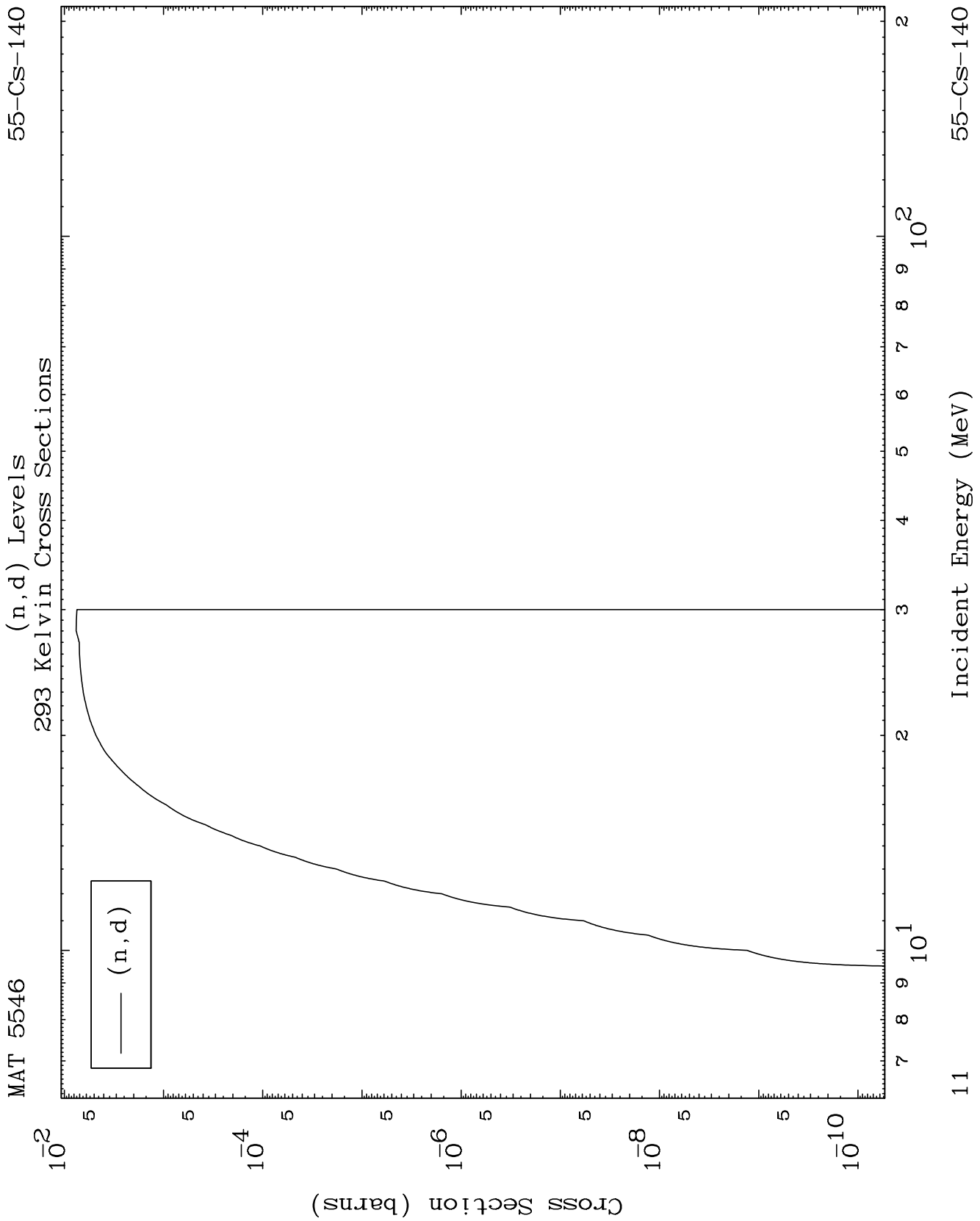
55-Cs-140



10

Incident Energy (MeV)

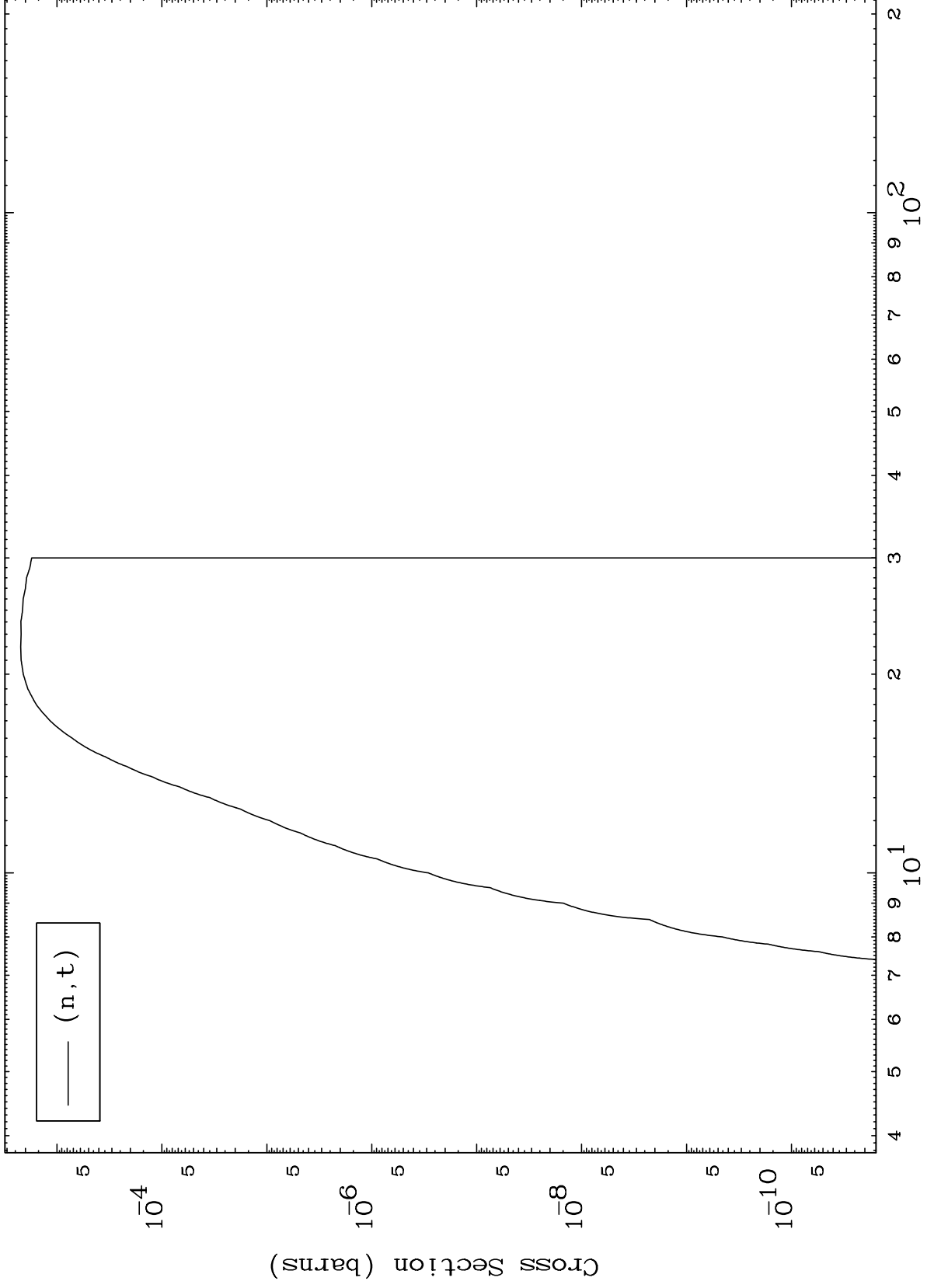
55-Cs-140



MAT 5546

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-140



(n,t)

12

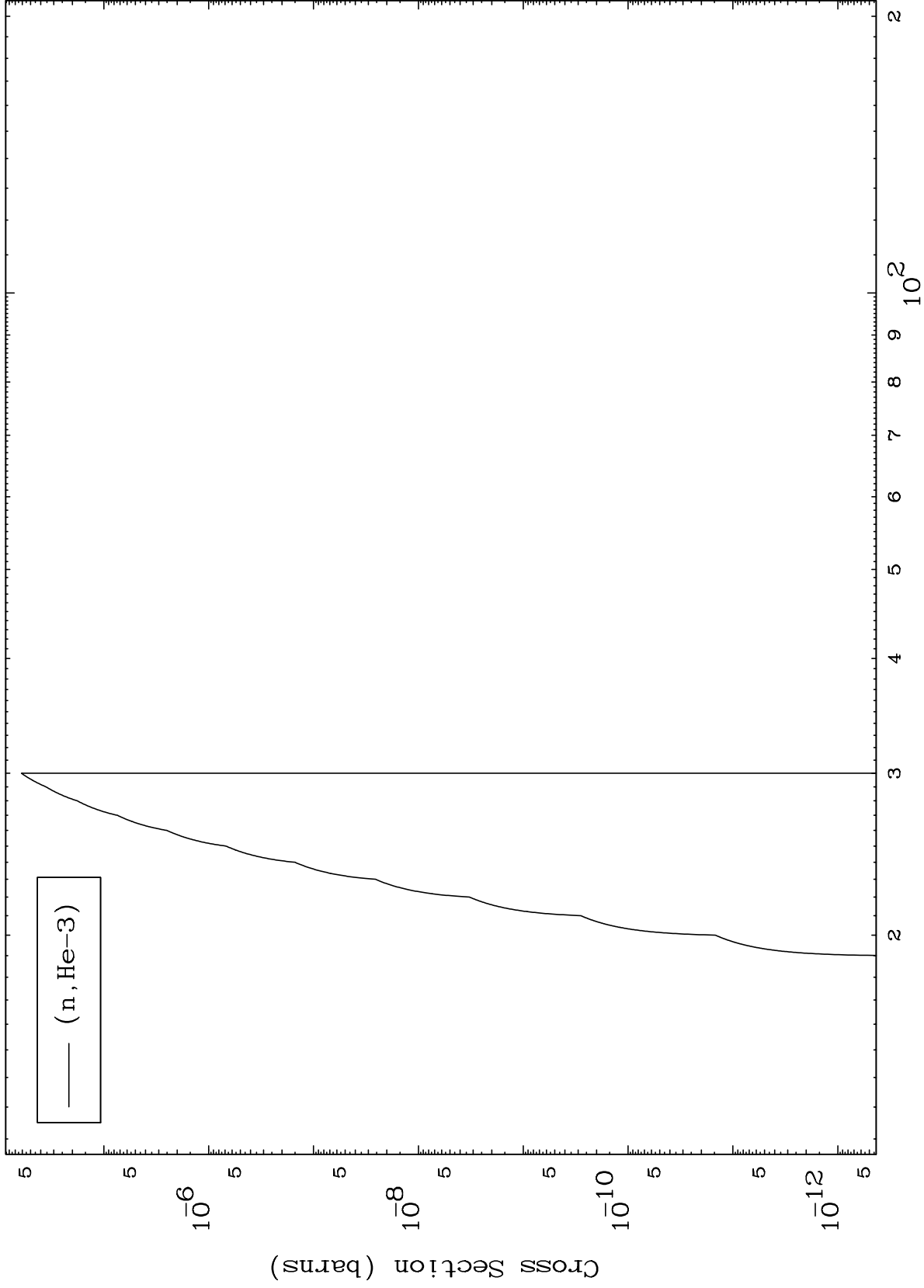
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-140



13

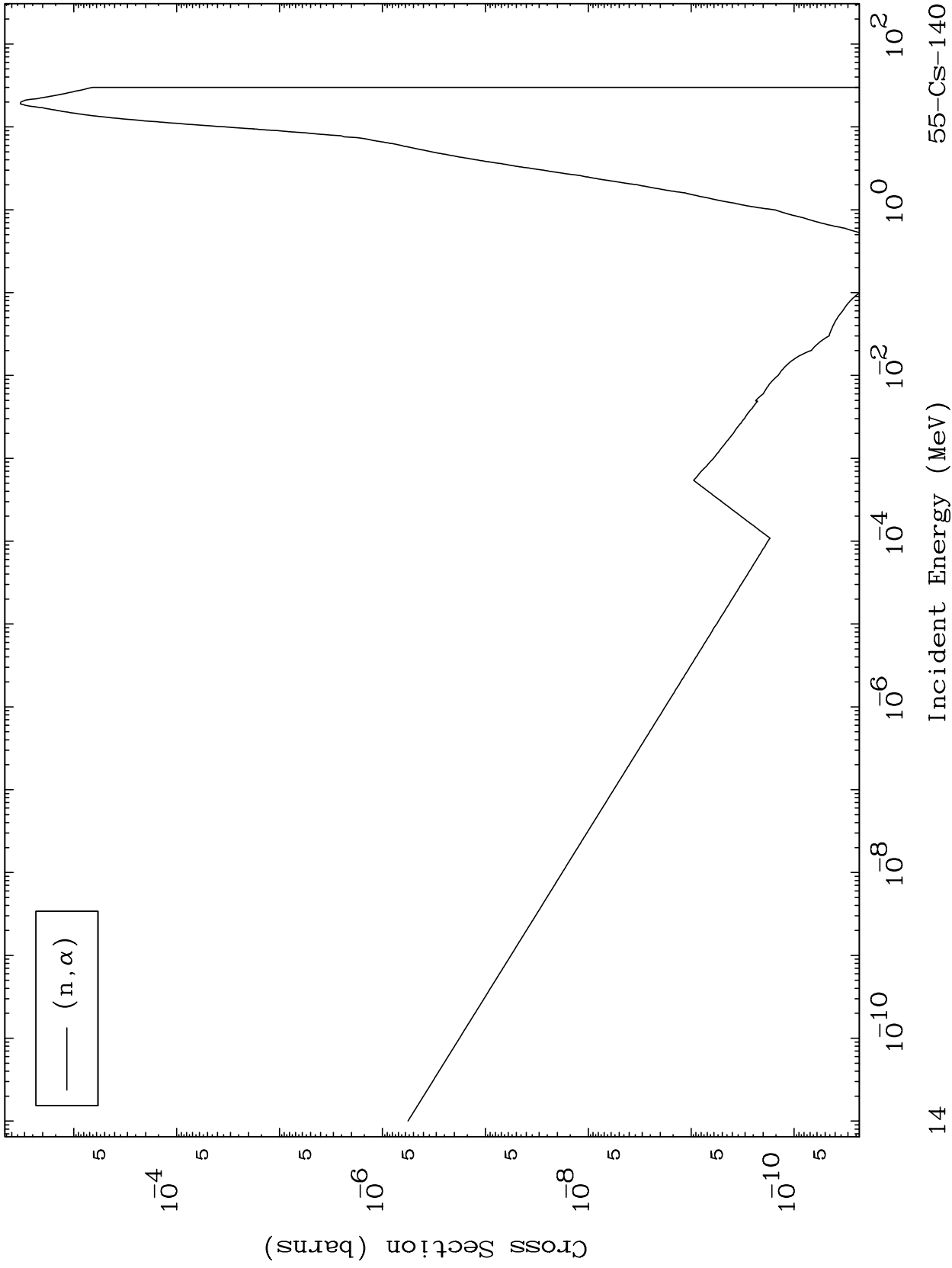
Incident Energy (MeV)

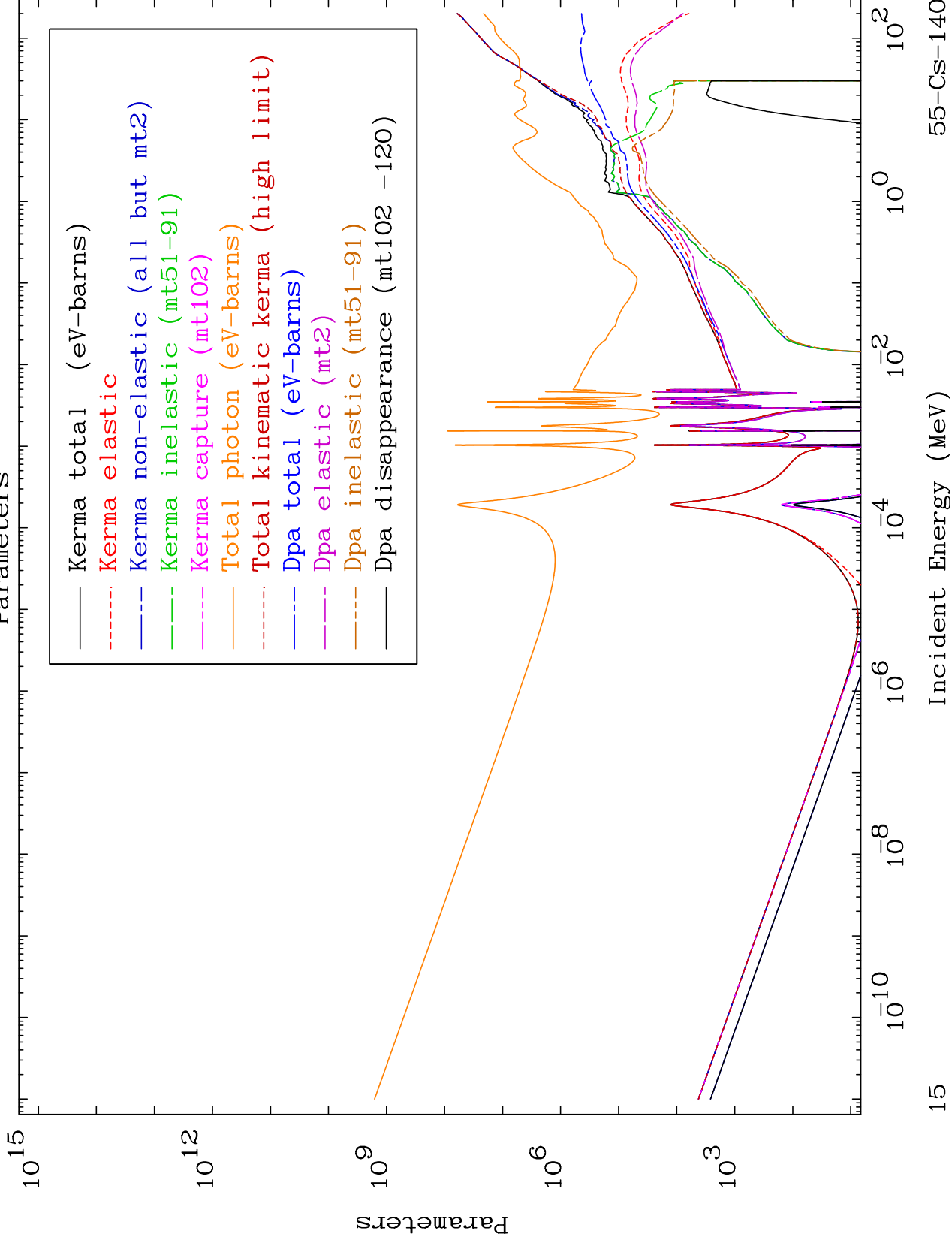
55-Cs-140

MAT 5546

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-140

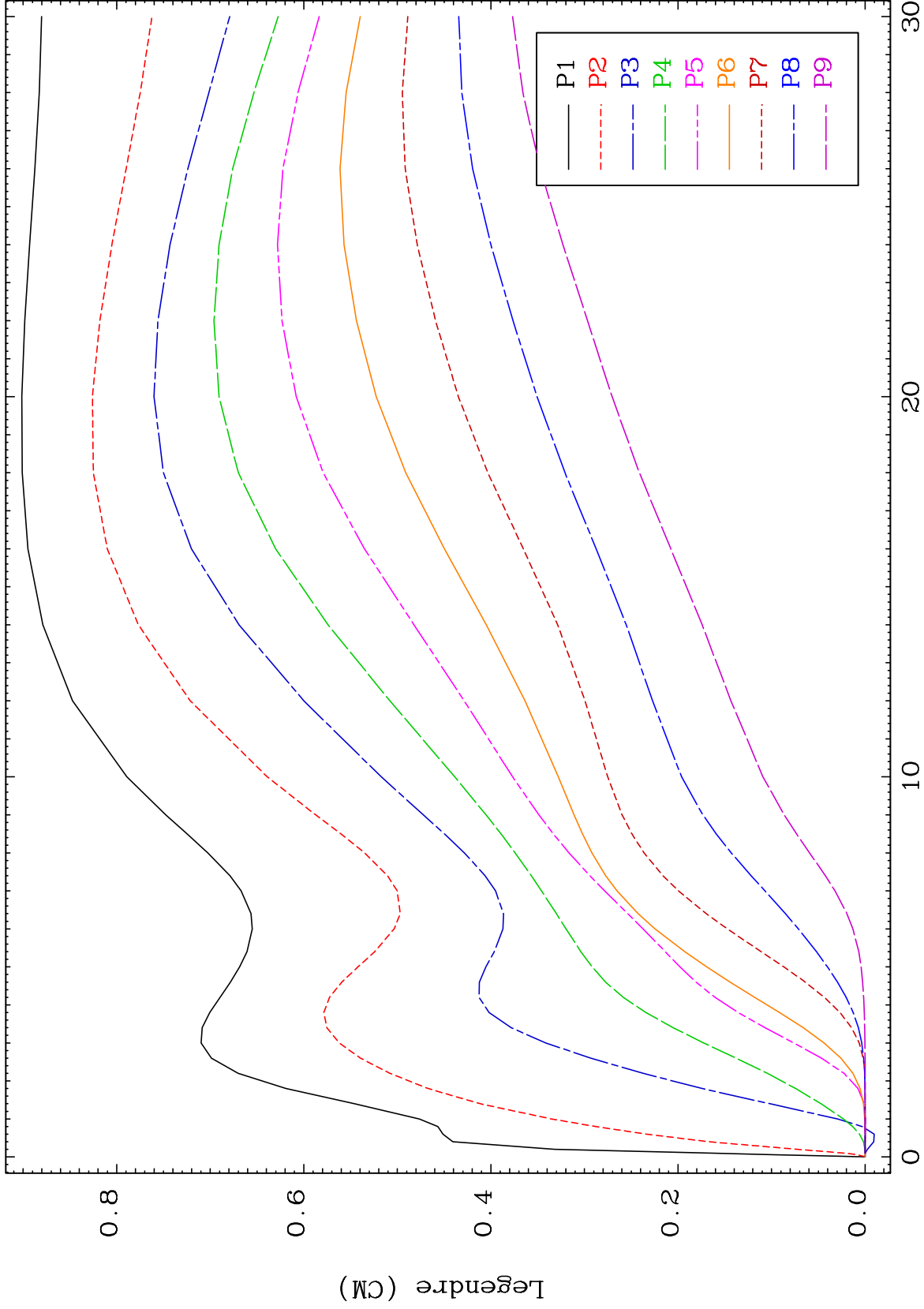




MAT 5546

Elastic Legendre Coefficients

55-Cs-140



16

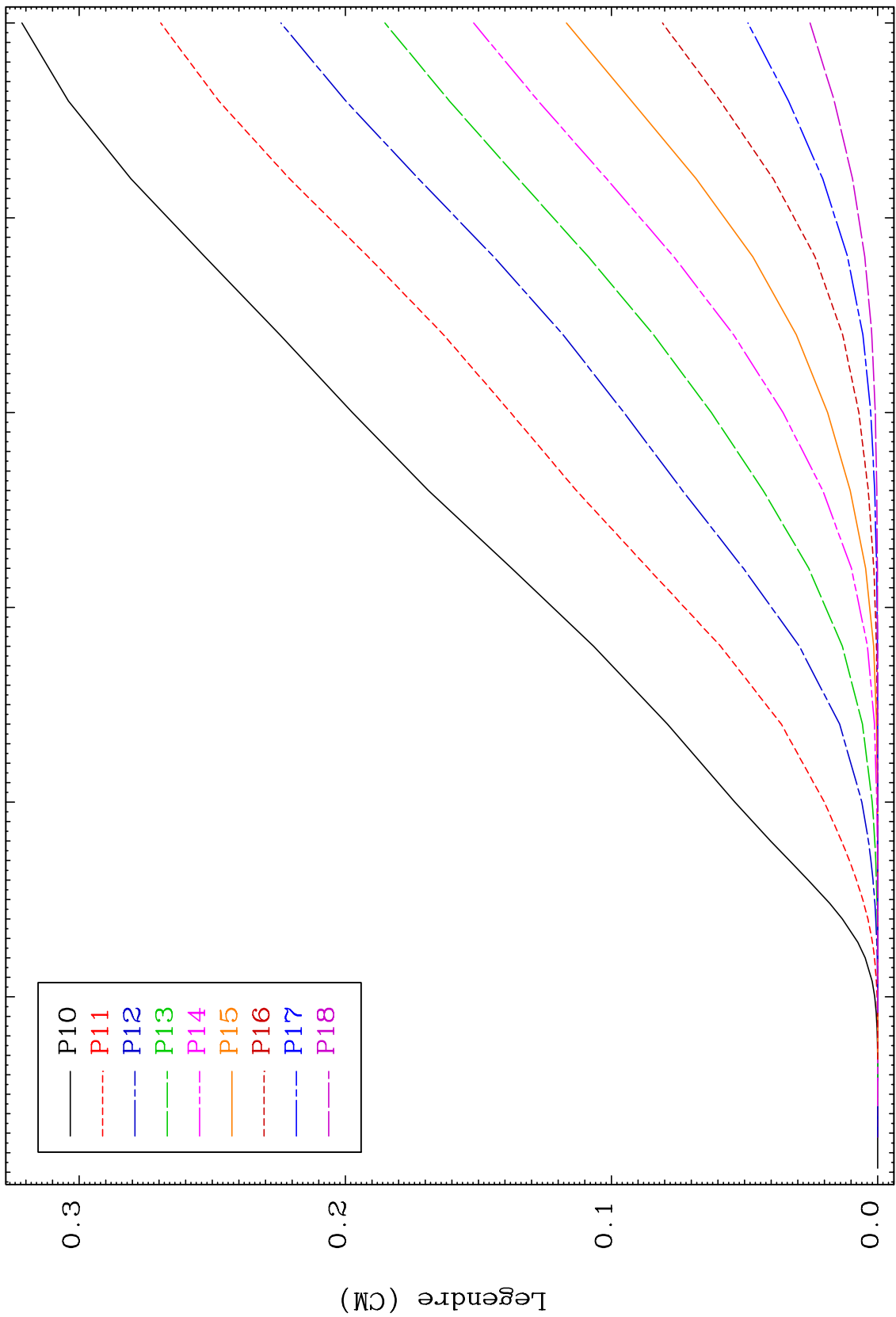
Incident Energy (MeV)

55-Cs-140

MAT 5546

Elastic Legendre Coefficients

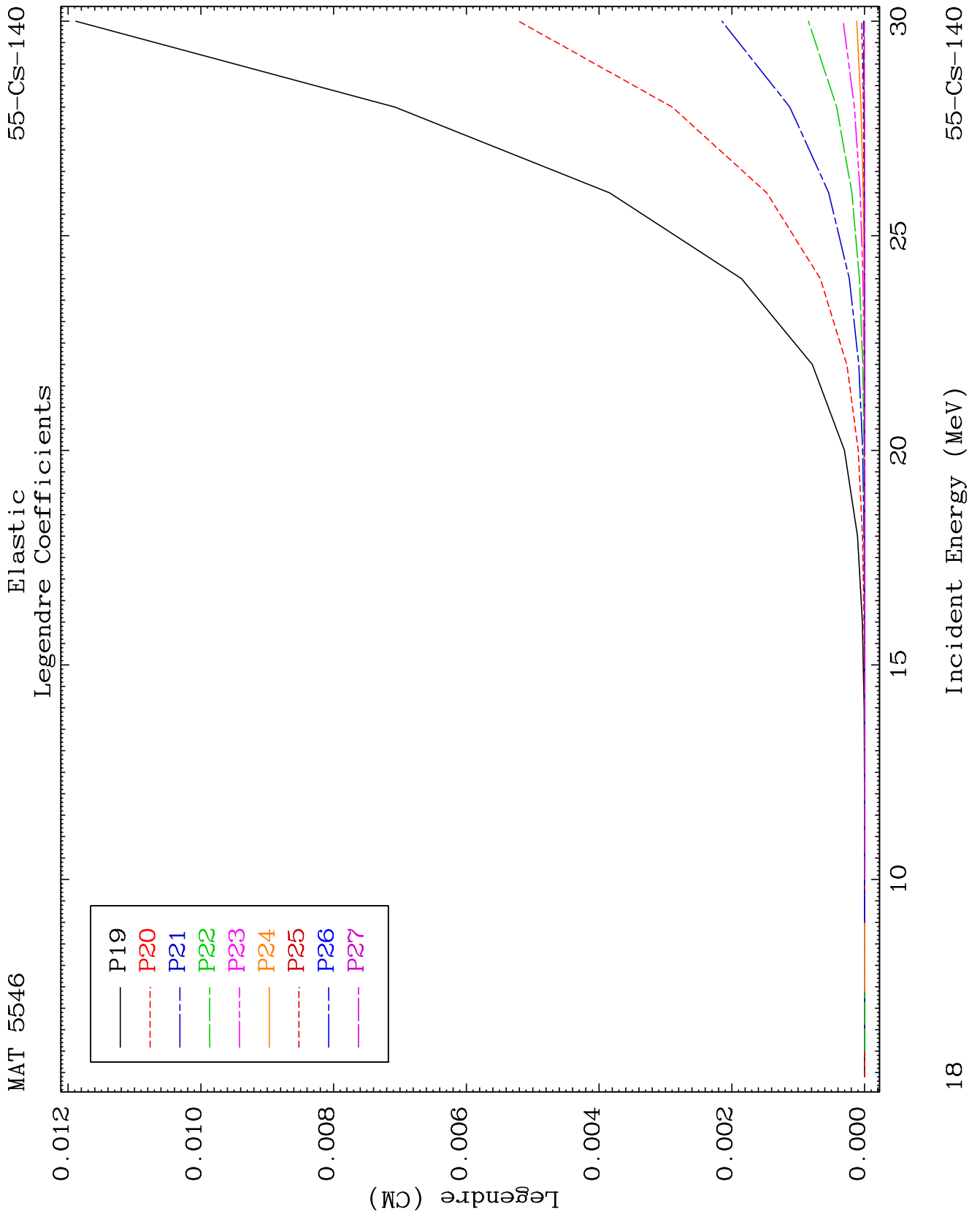
55-Cs-140



17

Incident Energy (MeV)

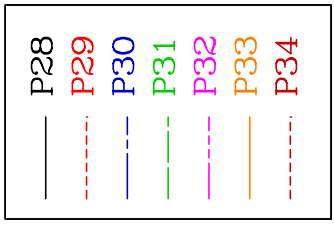
55-Cs-140



MAT 5546

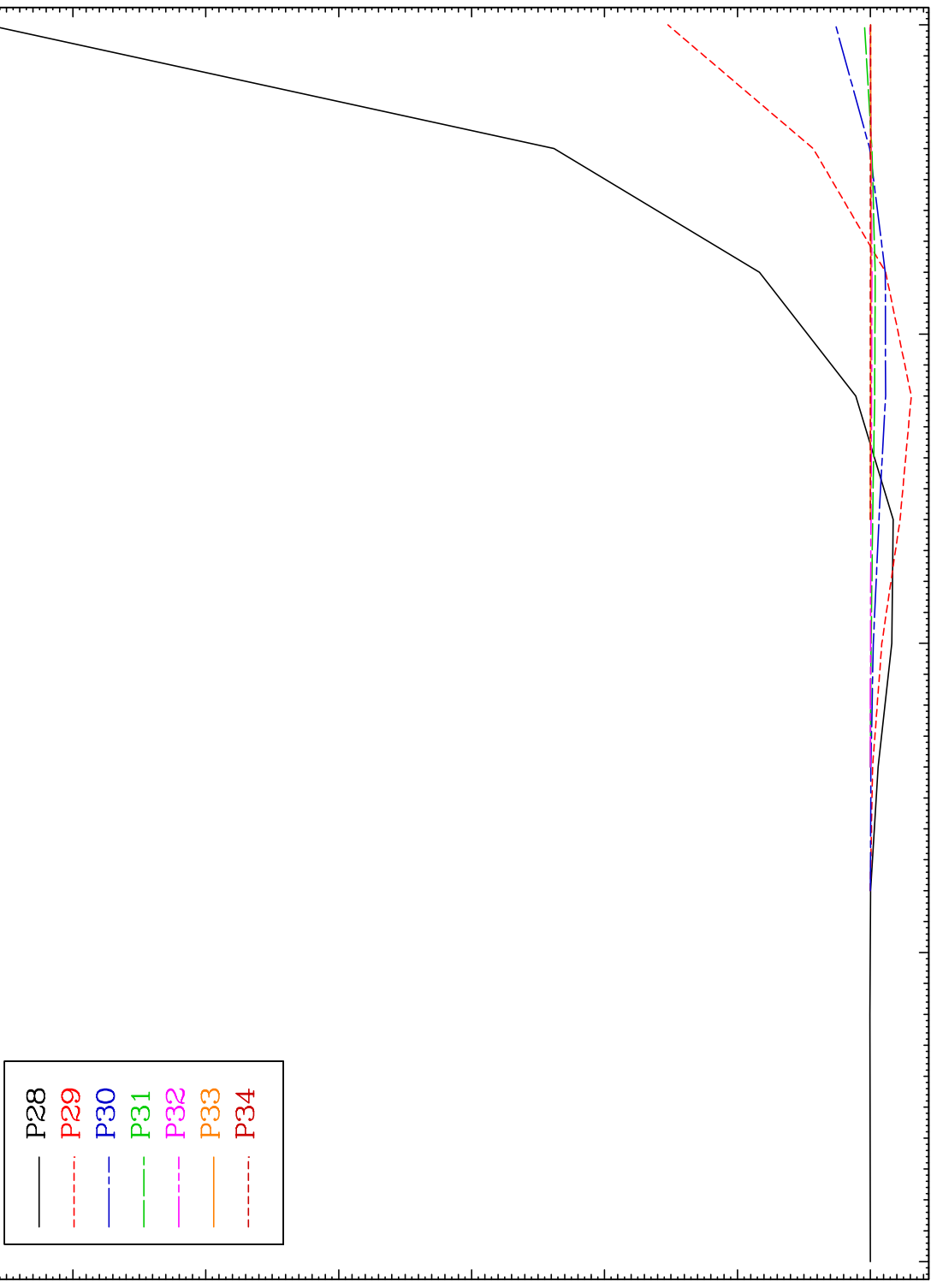
Elastic Legendre Coefficients

55-Cs-140



$\times 10^{-6}$

Legendre (CM)



30

25

20

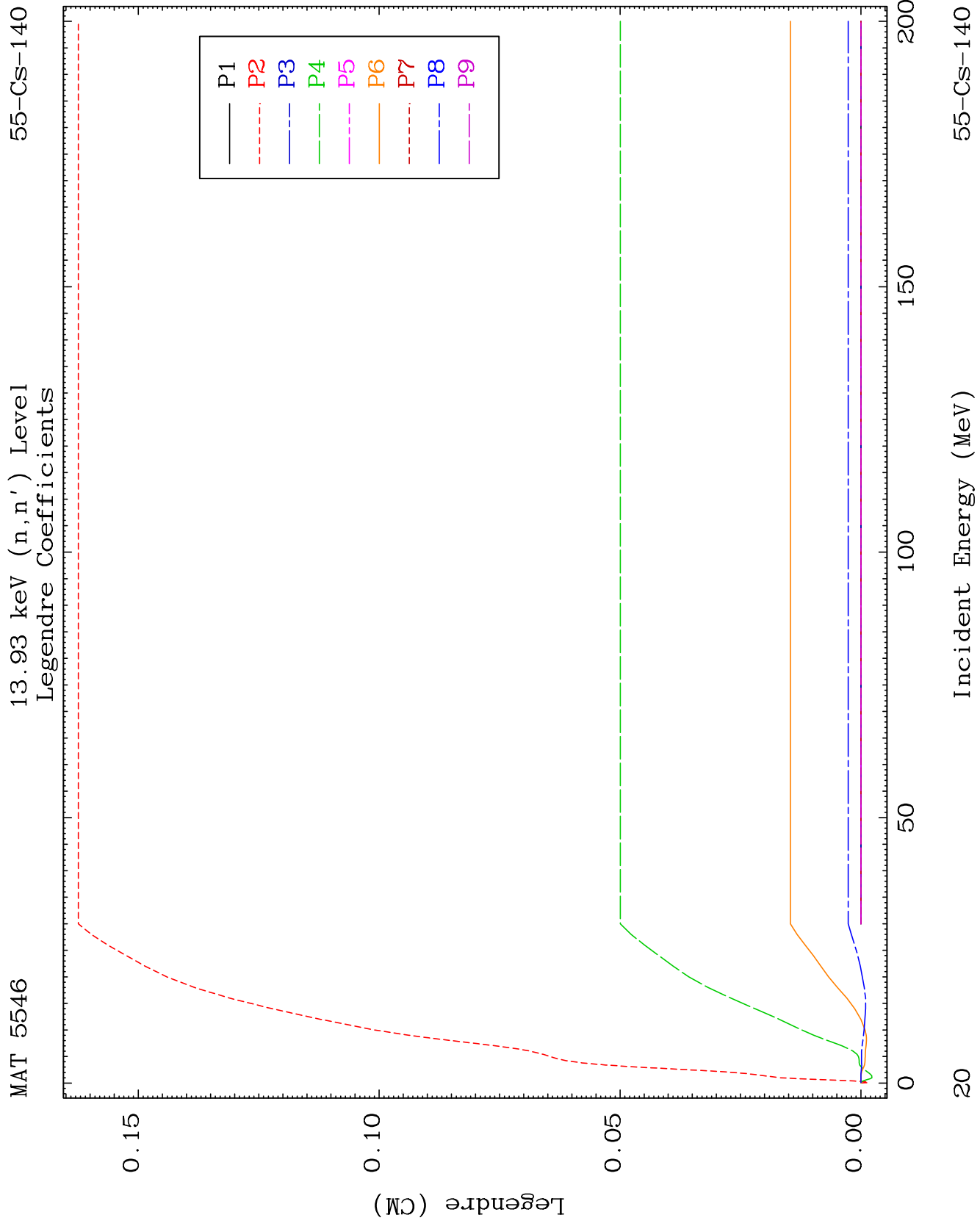
15

10

Incident Energy (MeV)

55-Cs-140

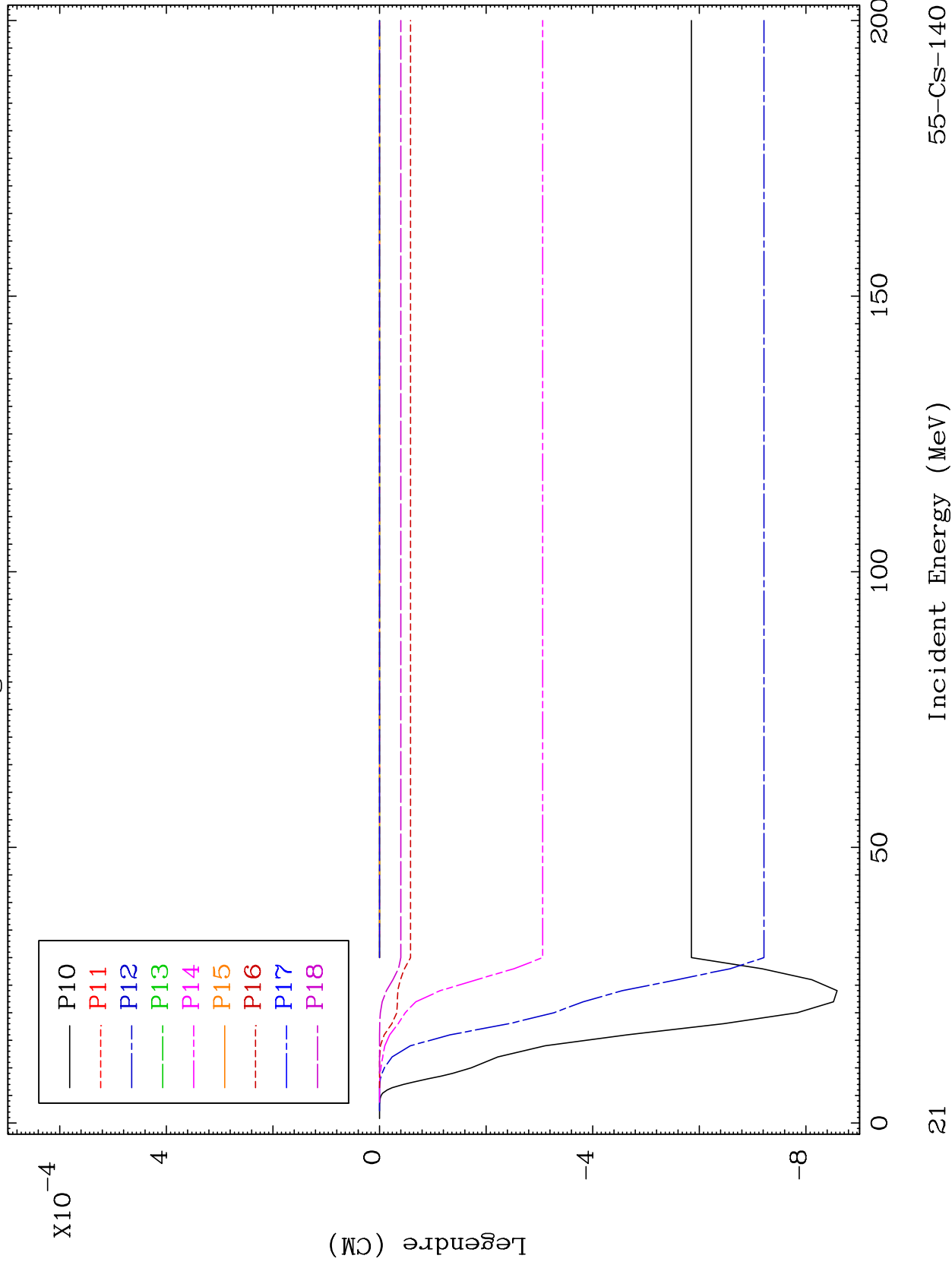
19



MAT 5546

13.93 keV (n,n') Level
Legendre Coefficients

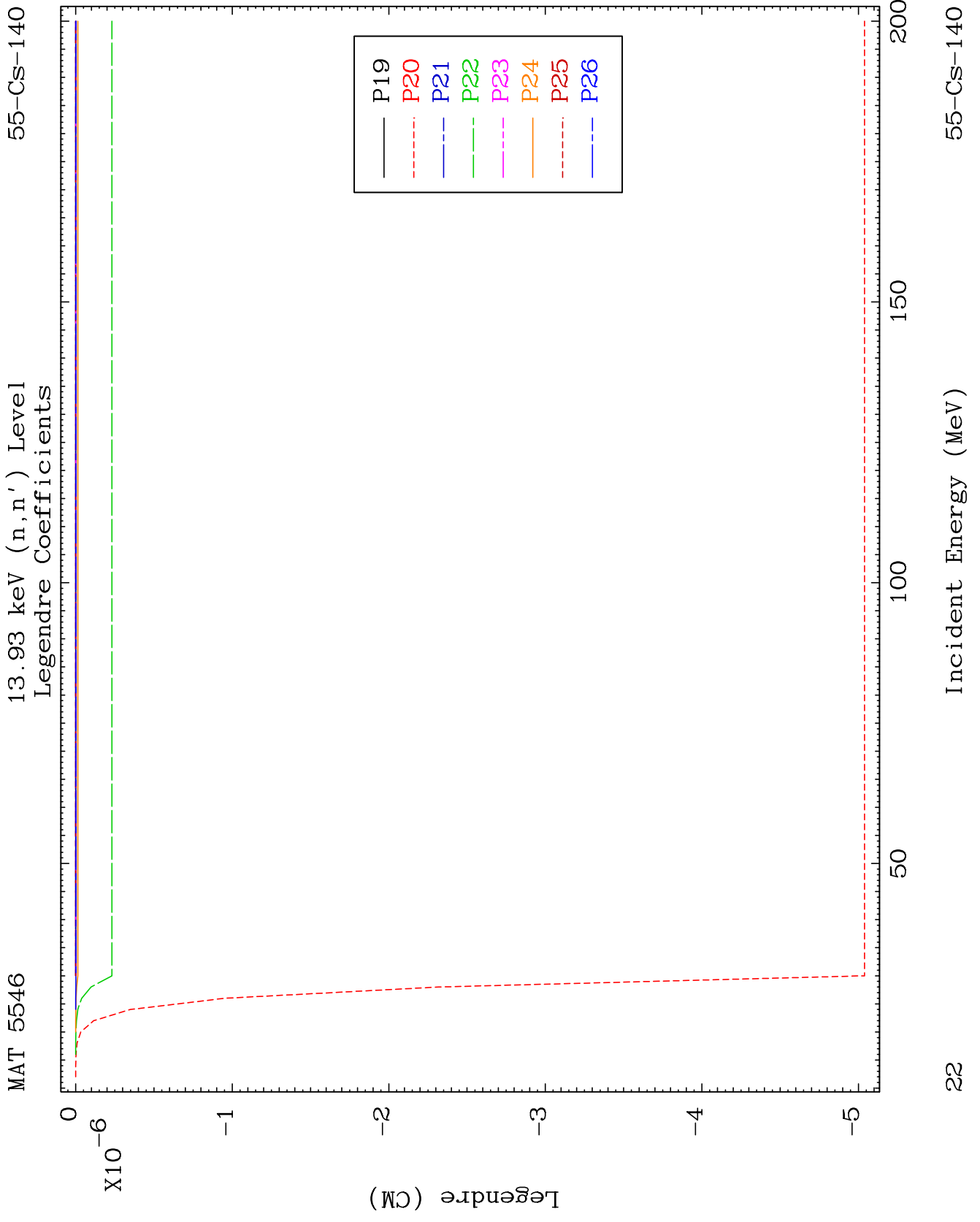
55-Cs-140



21

Incident Energy (MeV)

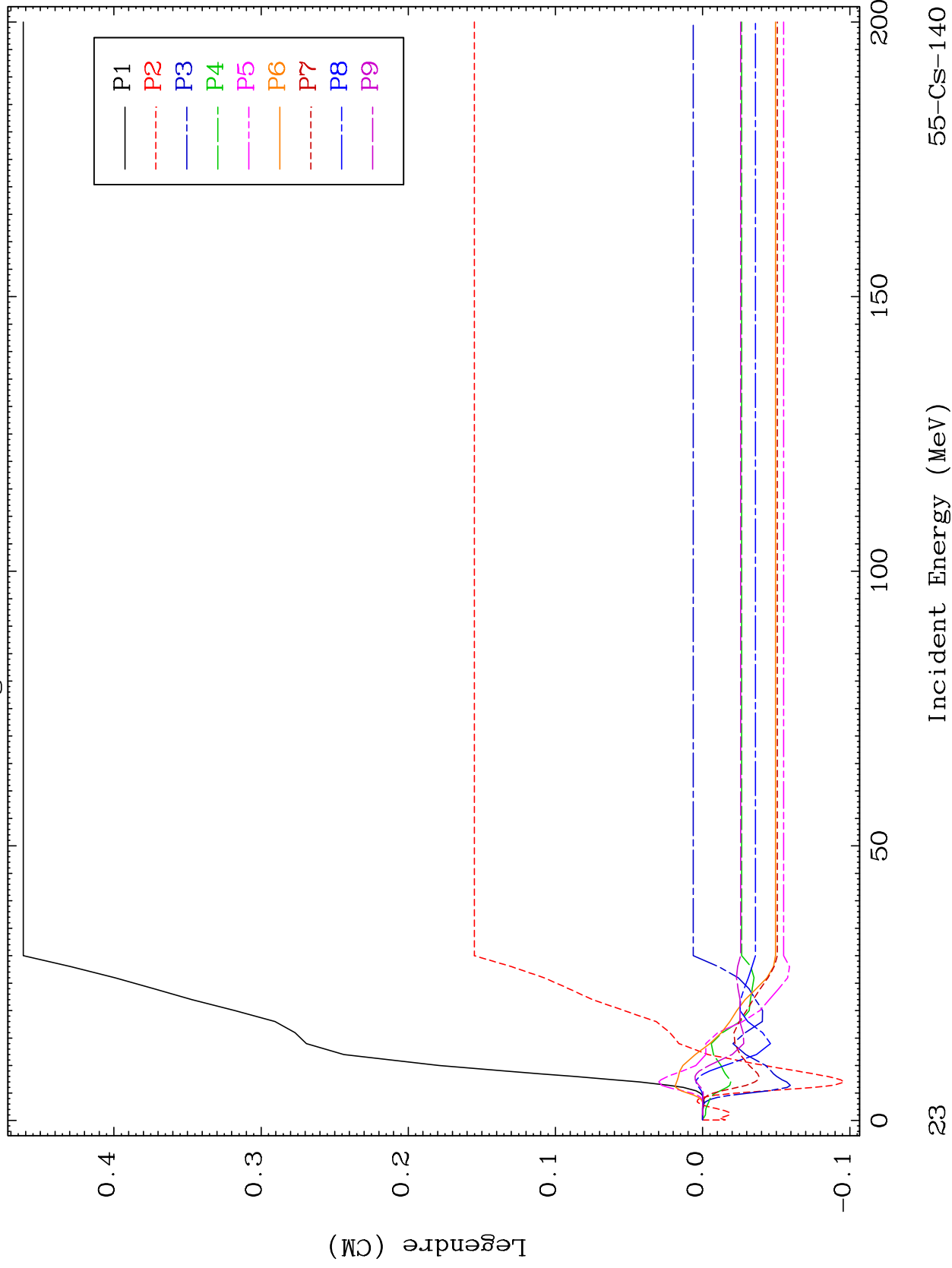
55-Cs-140



MAT 5546

64.76 keV (n,n') Level
Legendre Coefficients

55-Cs-140



55-Cs-140

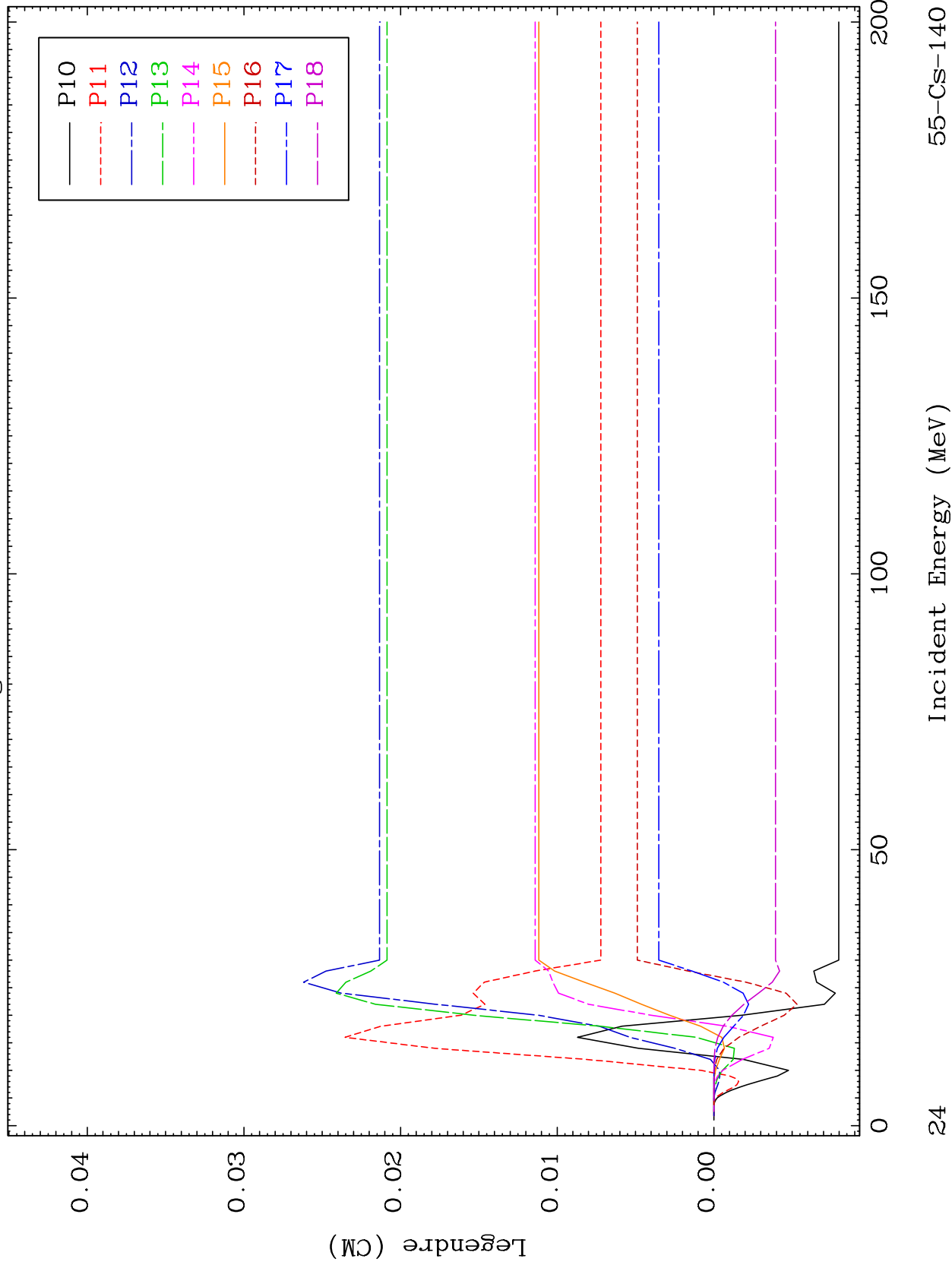
Incident Energy (MeV)

23

MAT 5546

64.76 keV (n,n') Level
Legendre Coefficients

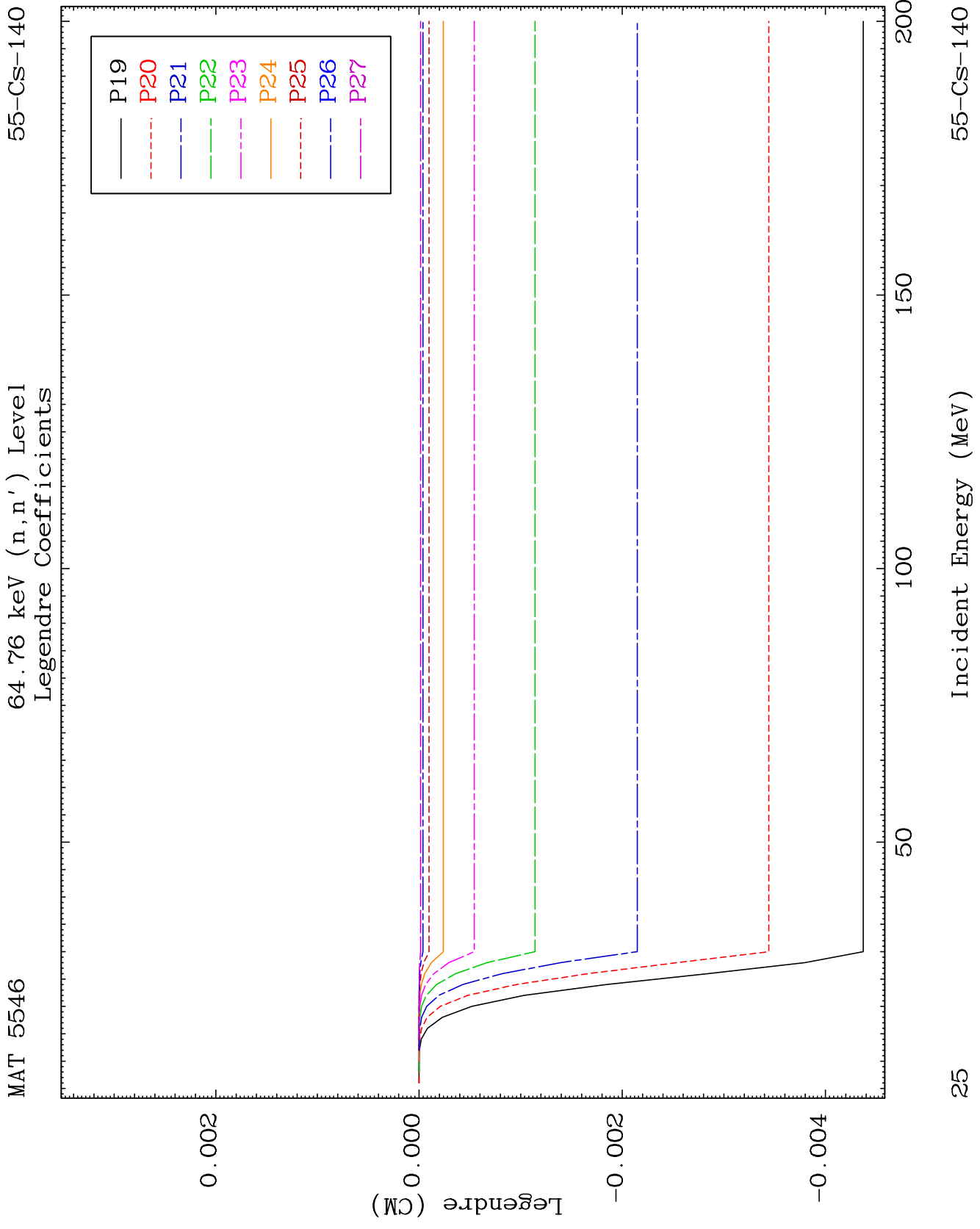
55-Cs-140

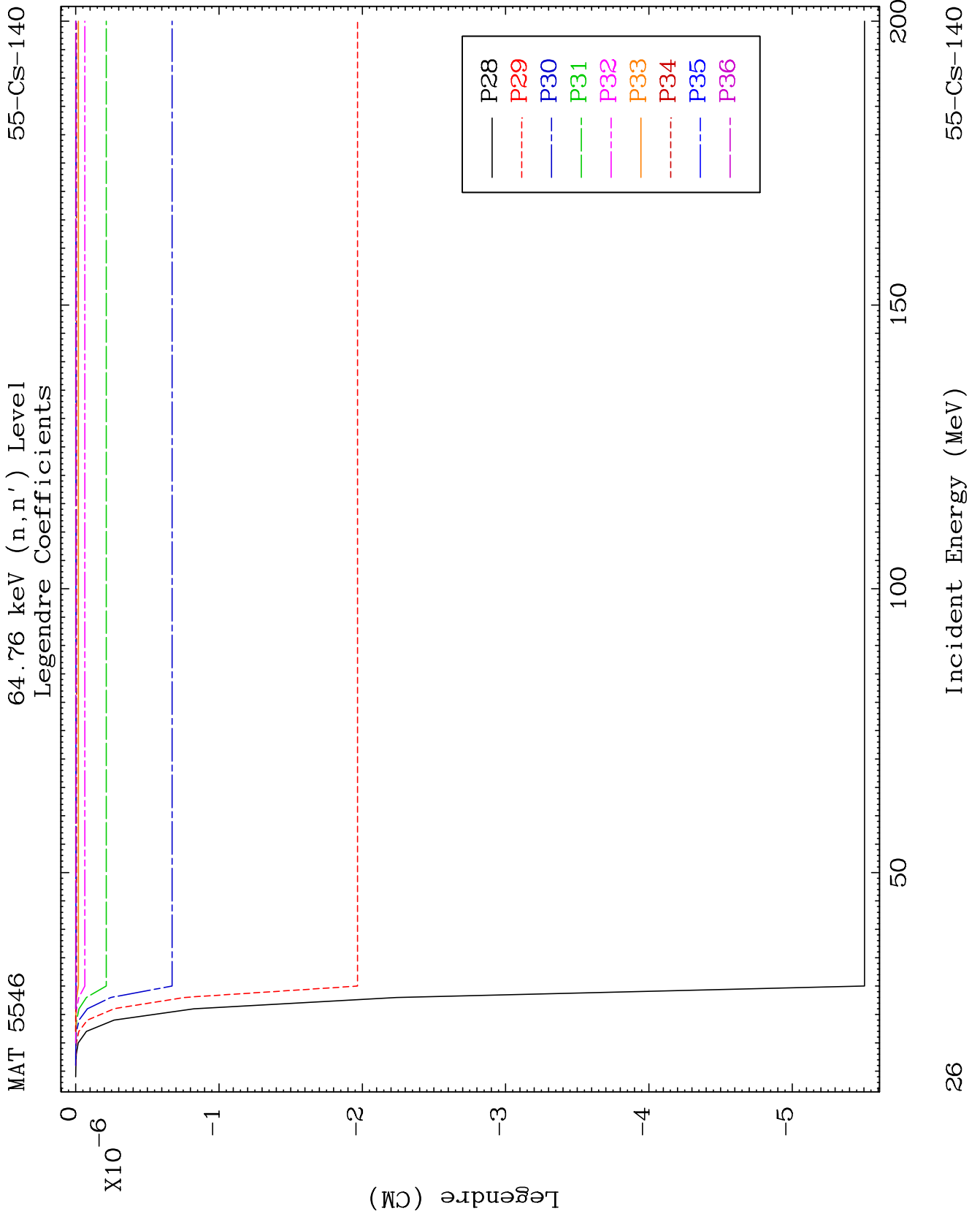


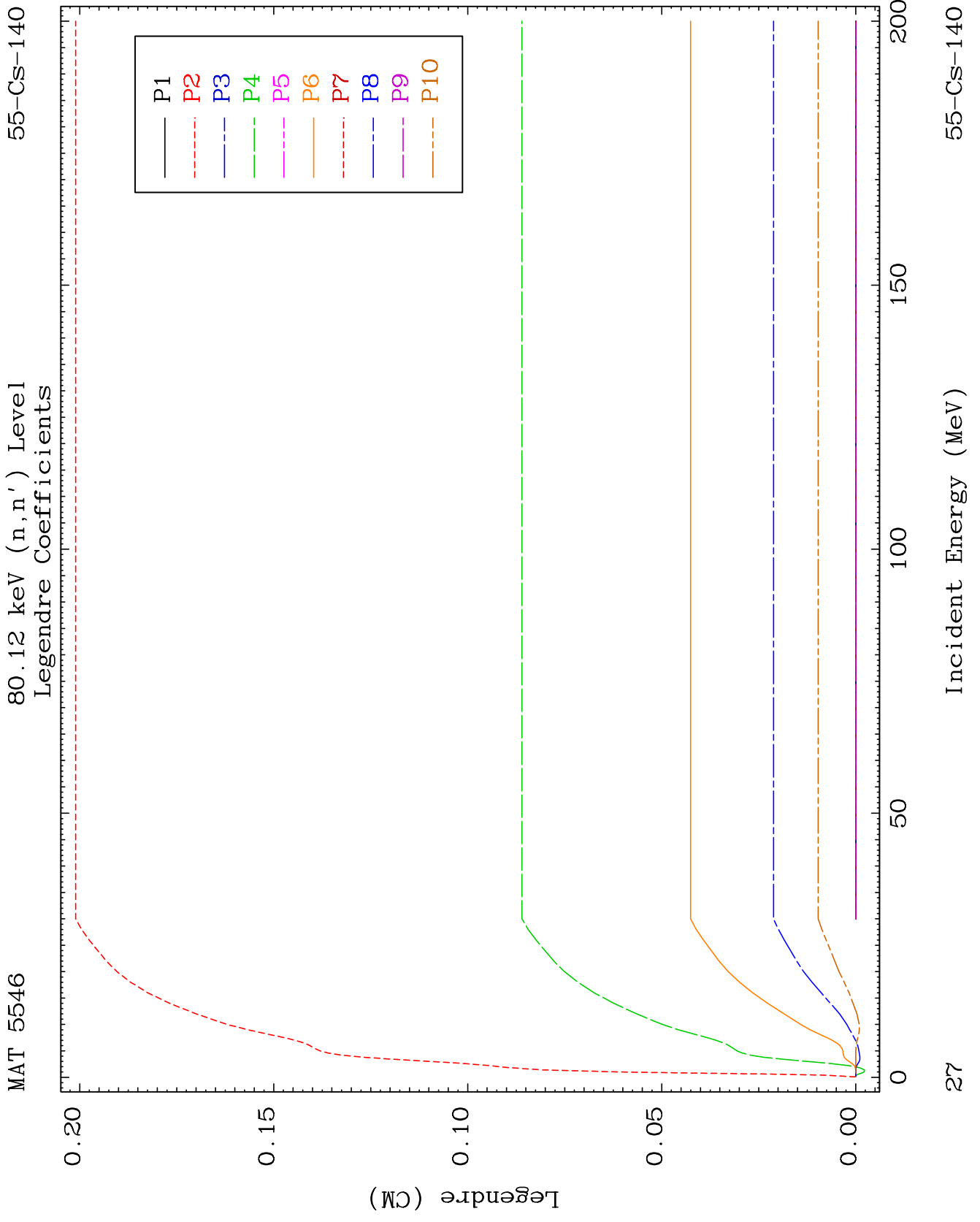
24

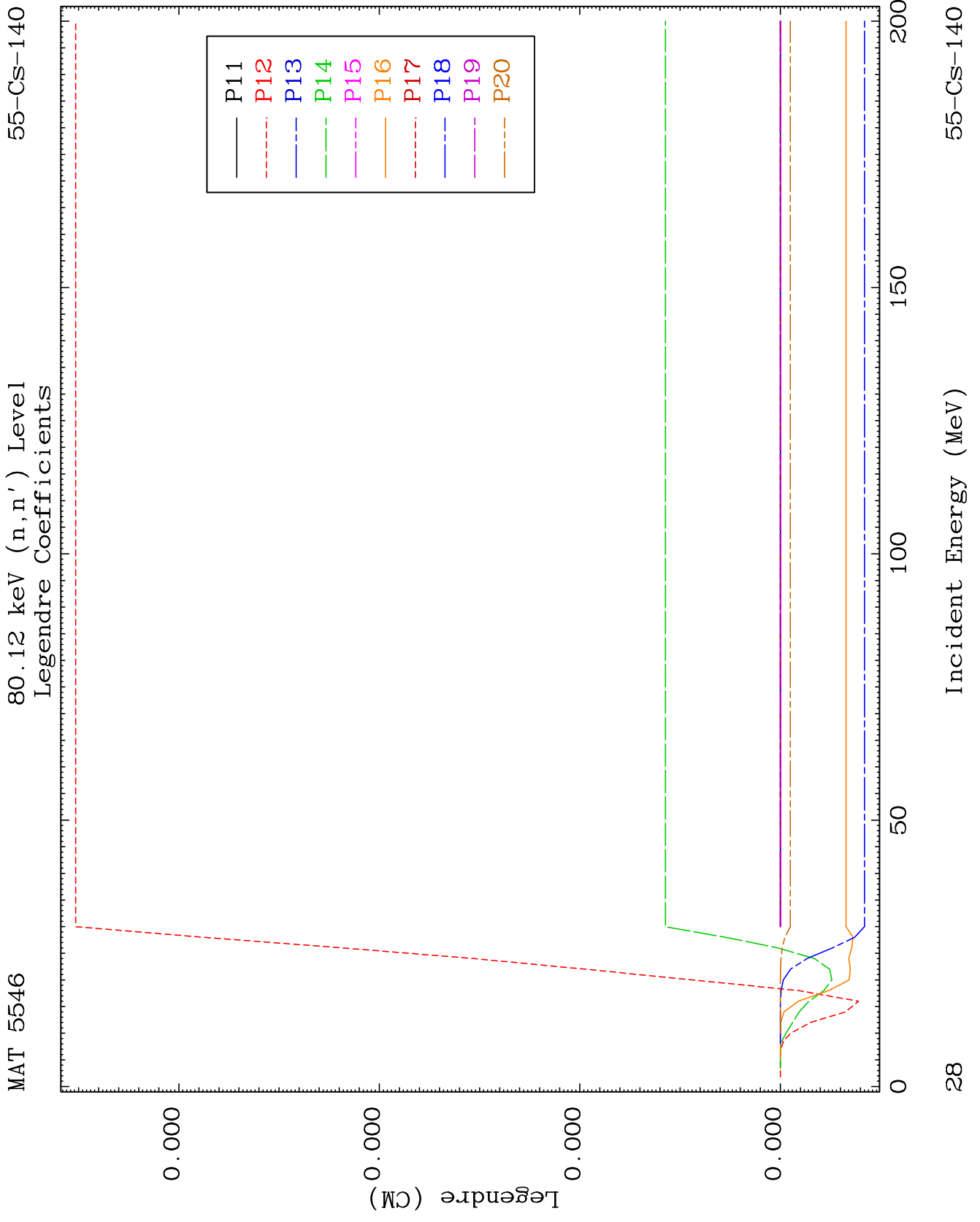
Incident Energy (MeV)

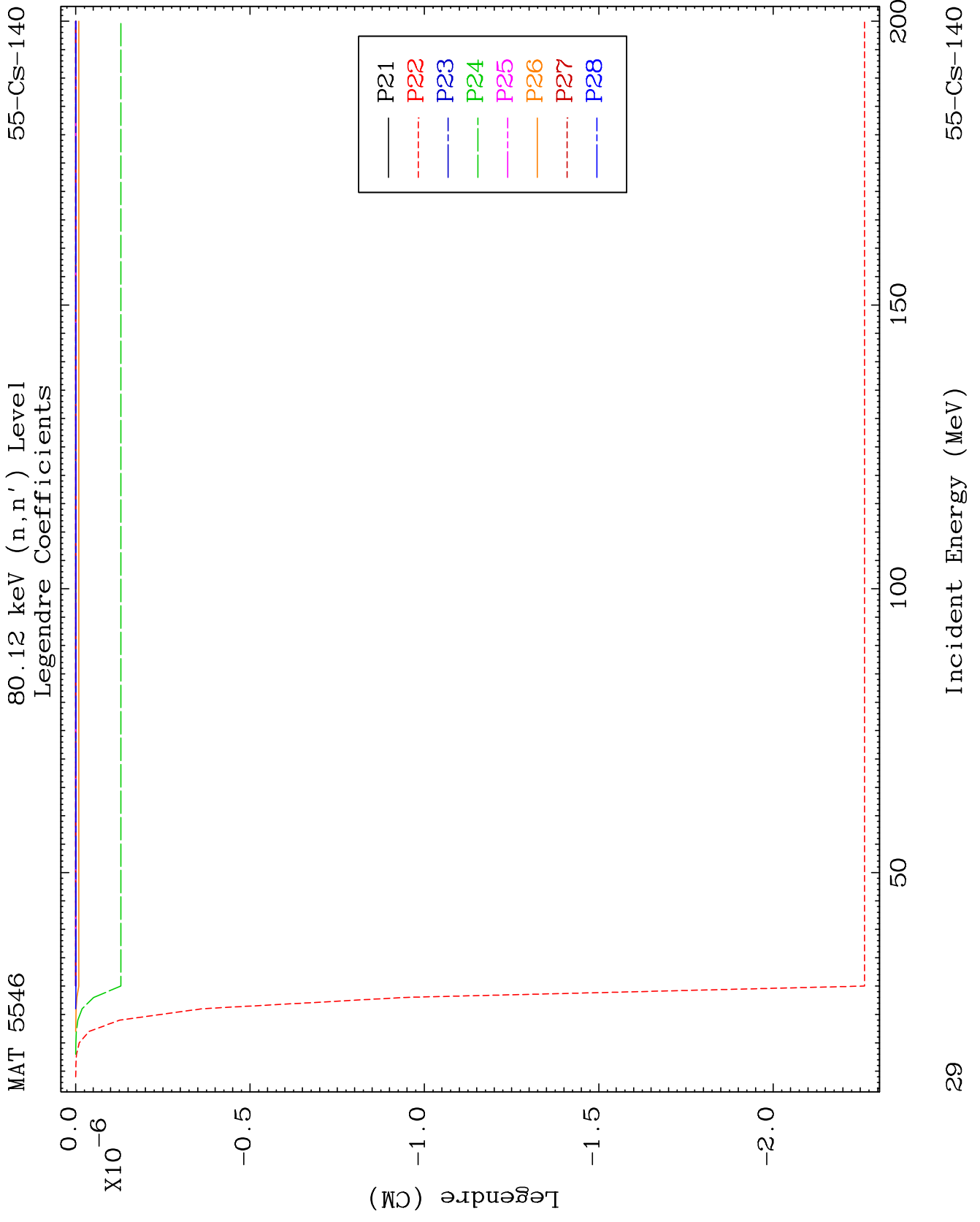
55-Cs-140

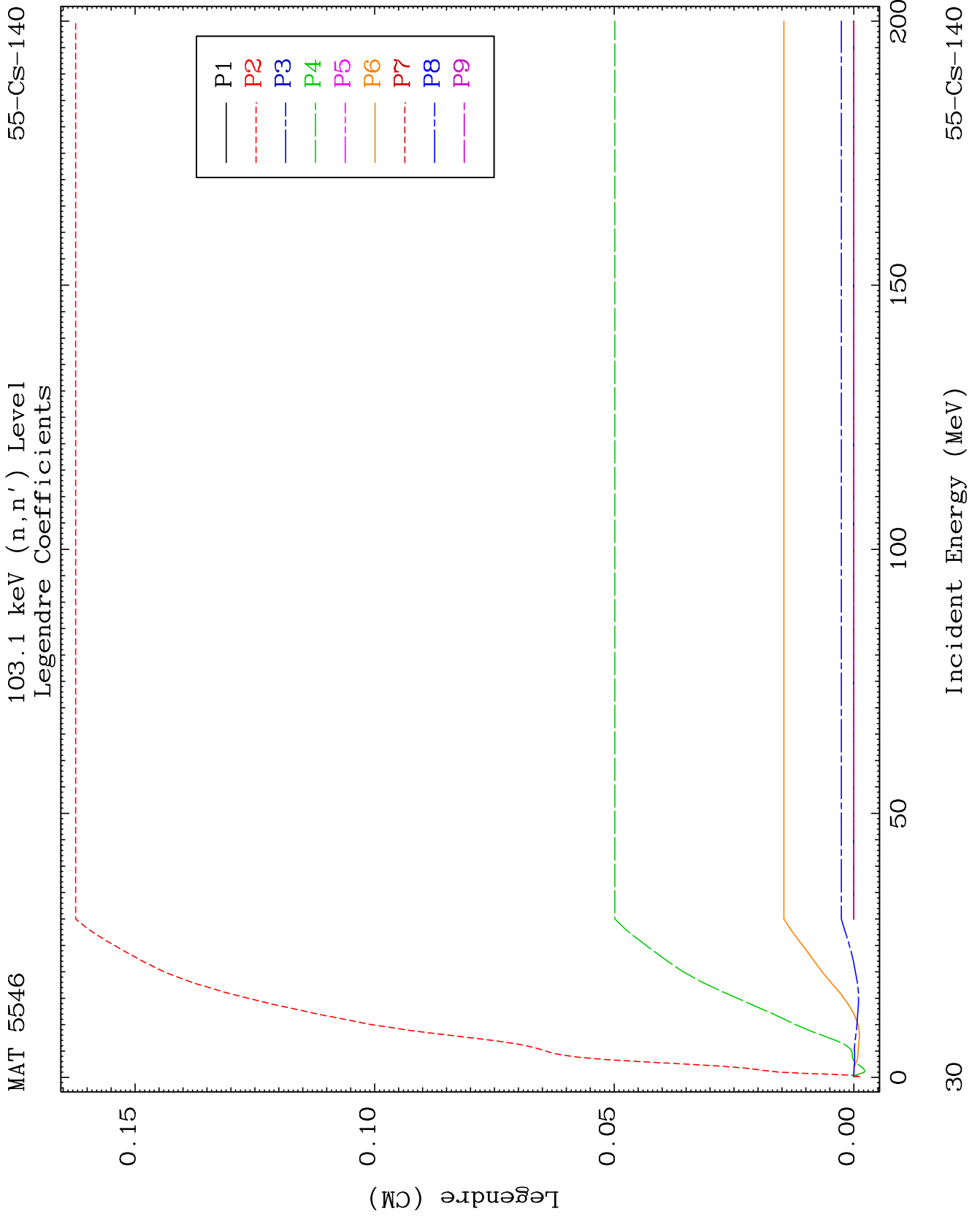








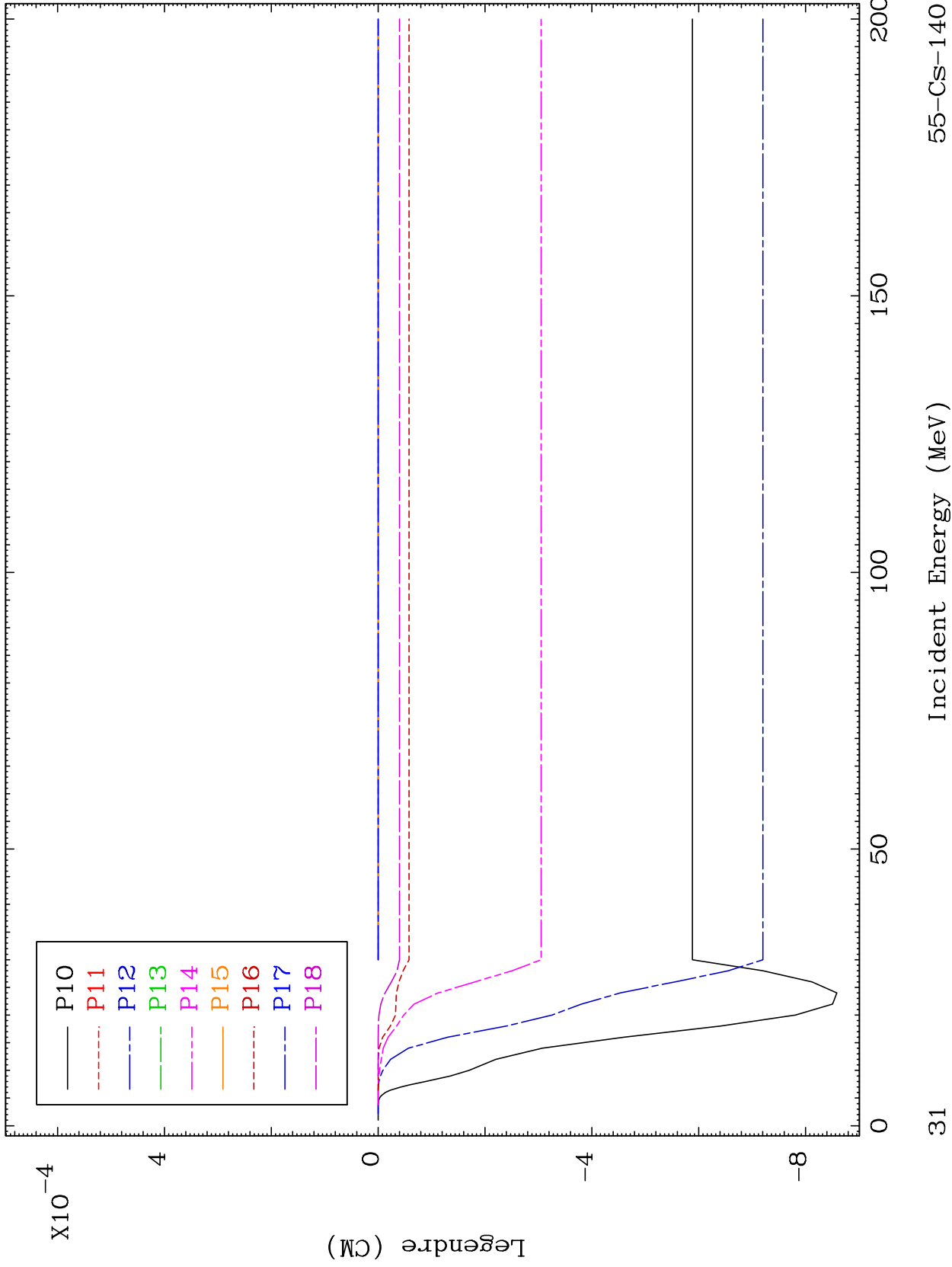


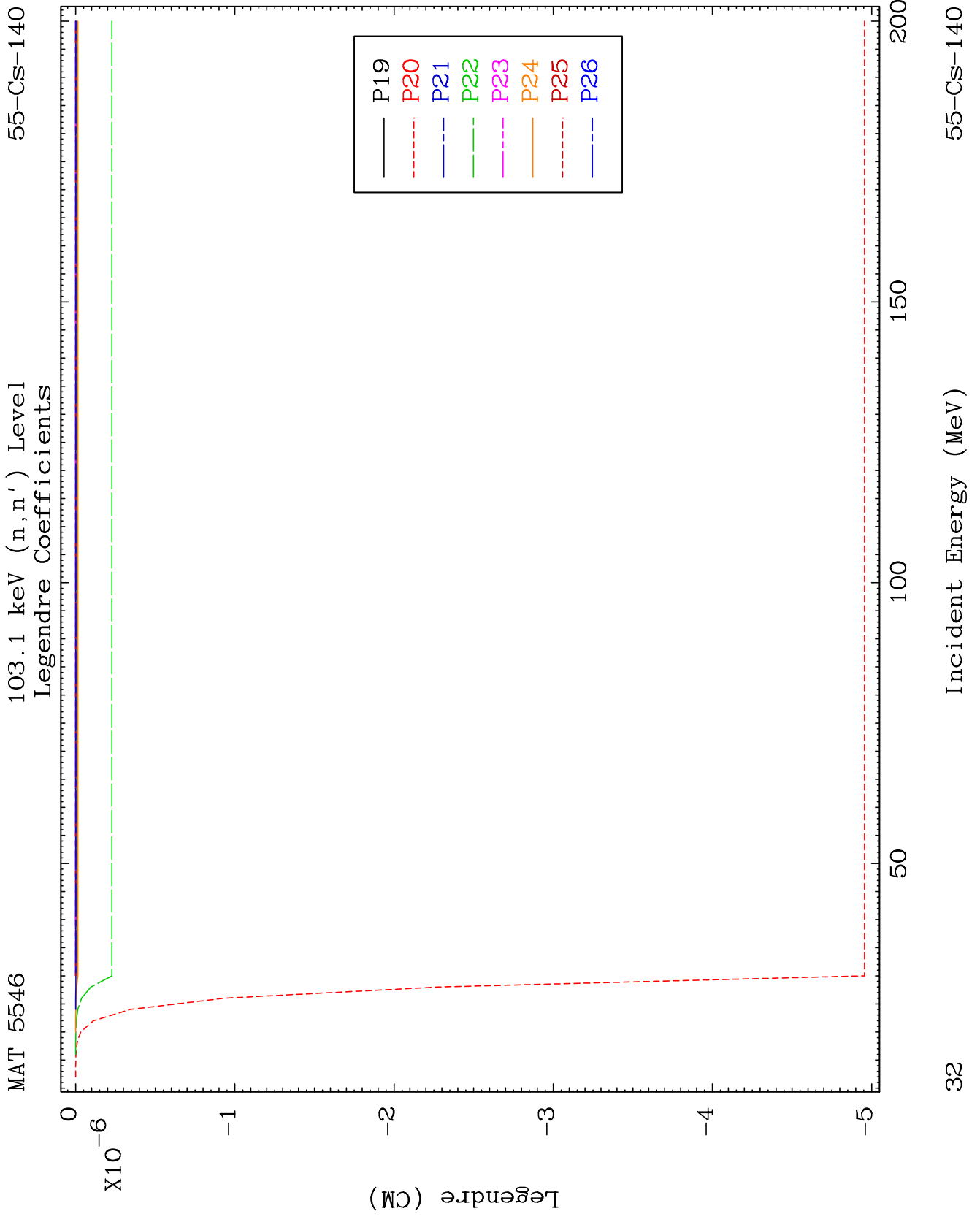


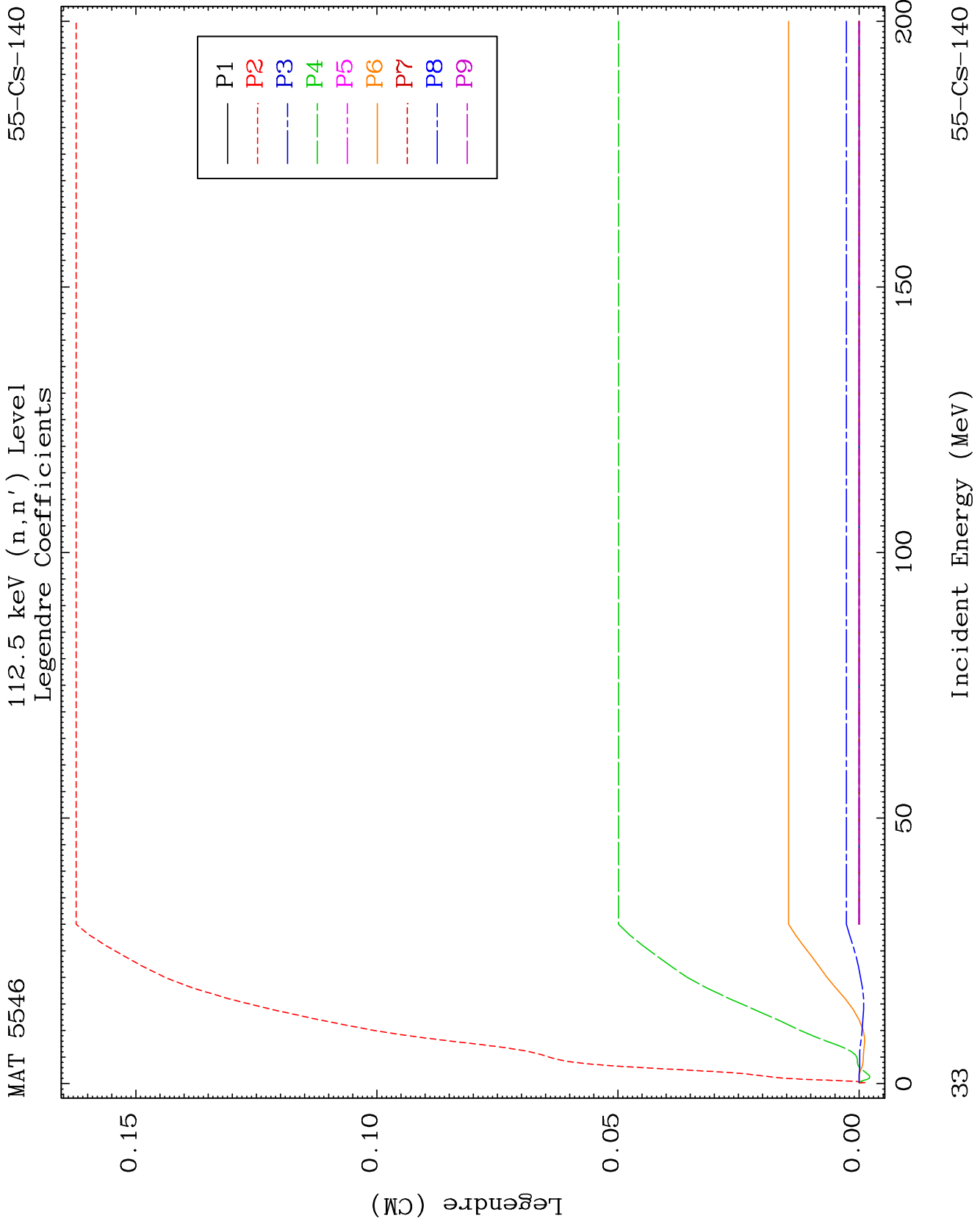
MAT 5546

103.1 keV (n,n') Level
Legendre Coefficients

55-Cs-140



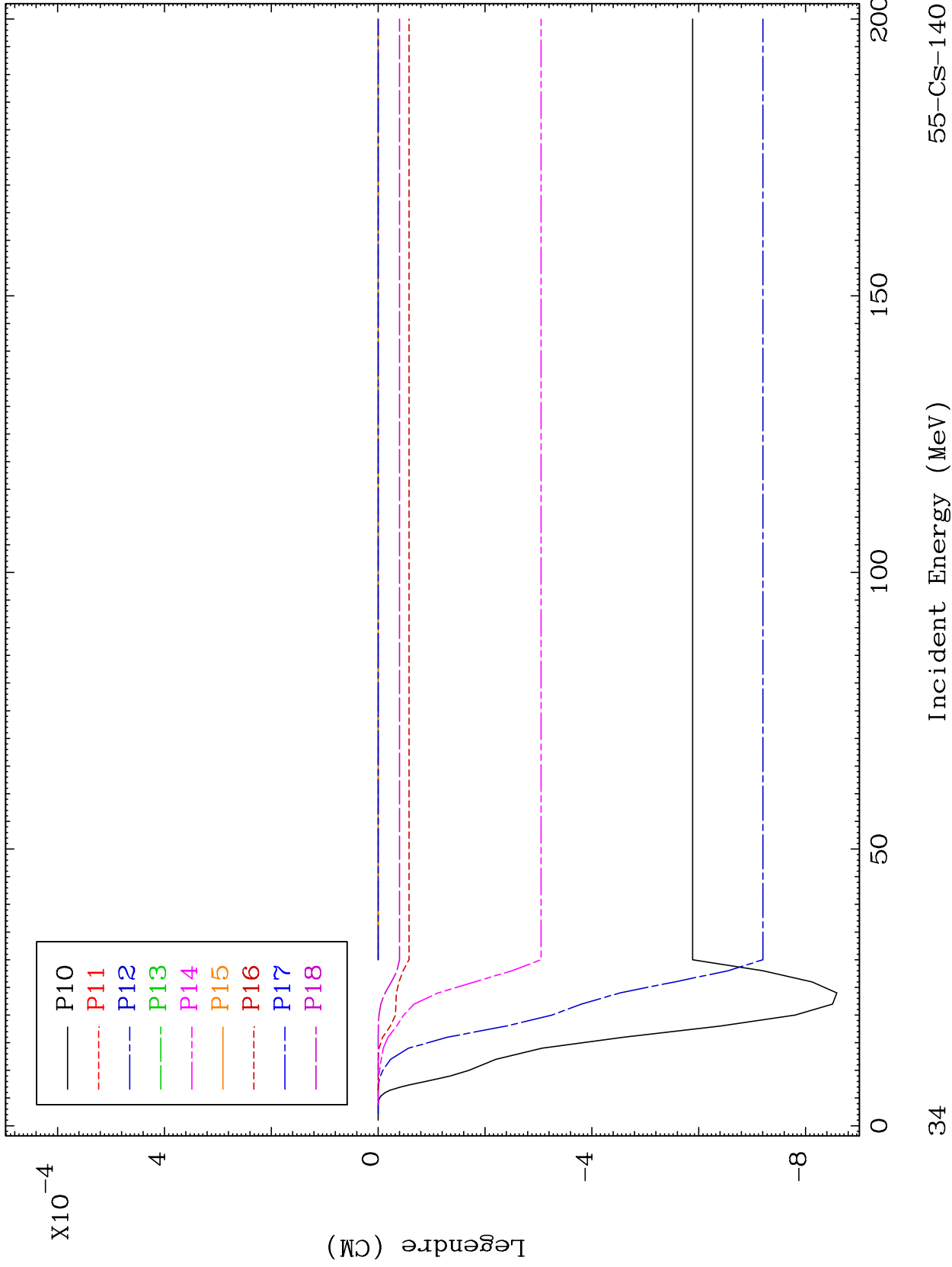


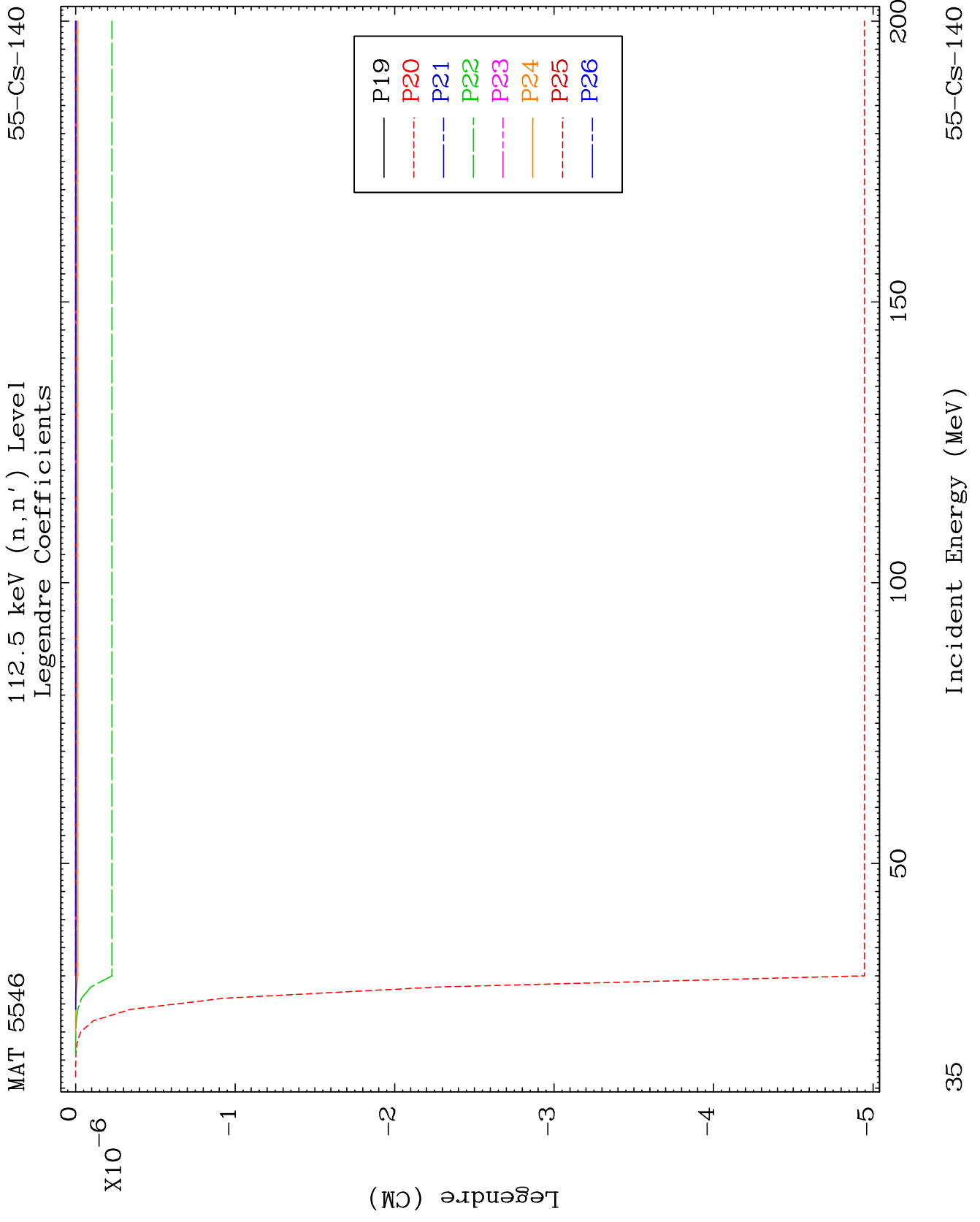


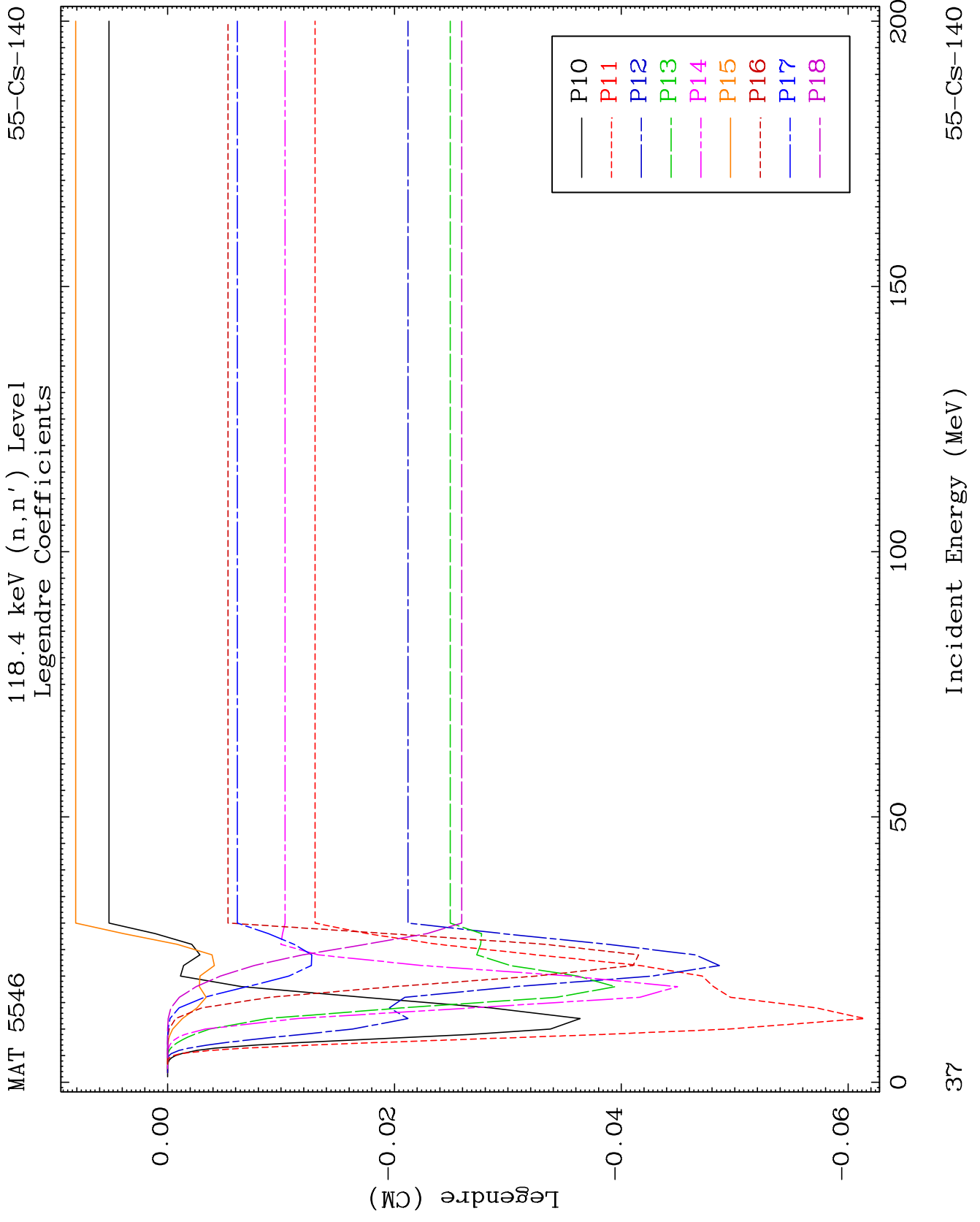
MAT 5546

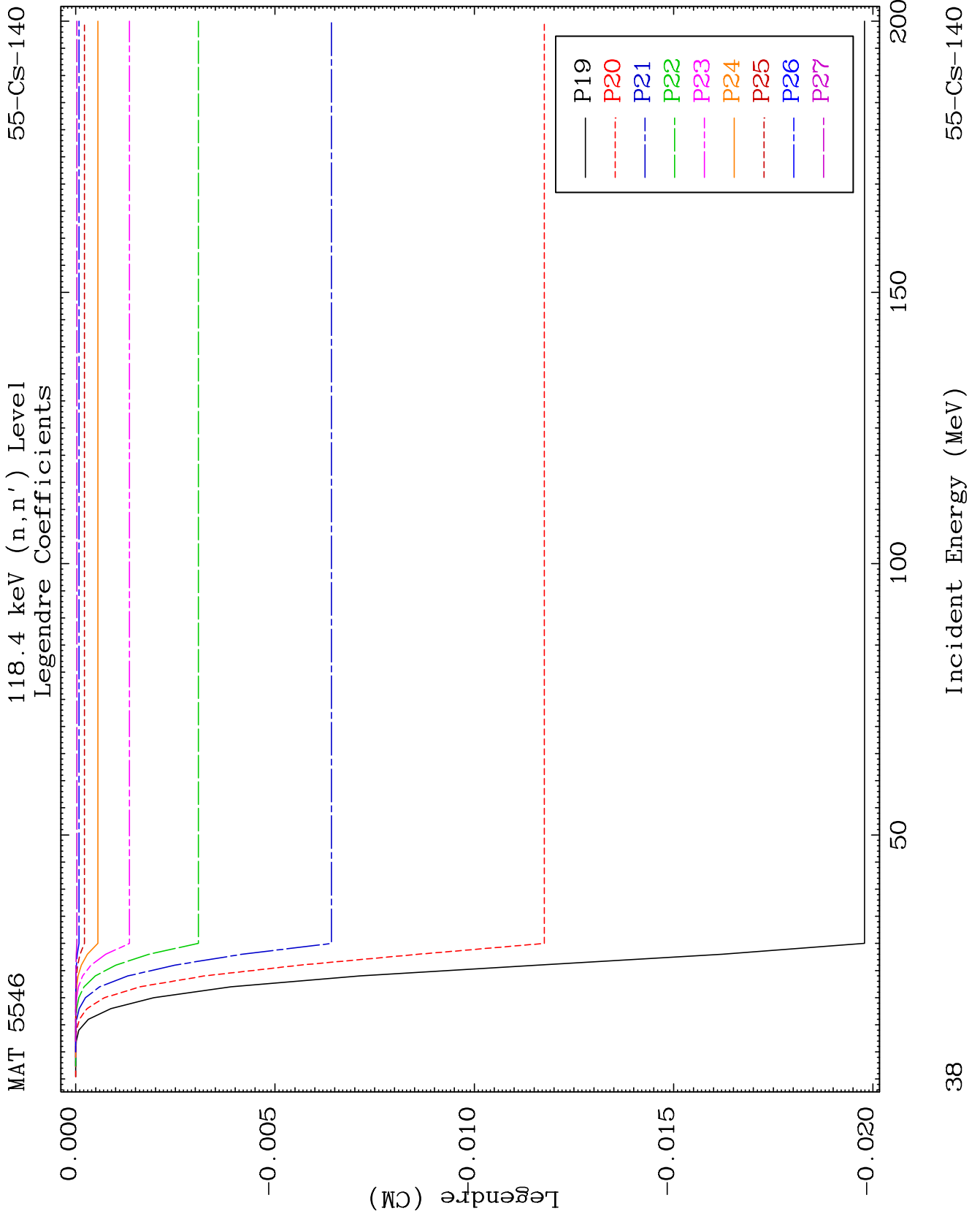
112.5 keV (n,n') Level
Legendre Coefficients

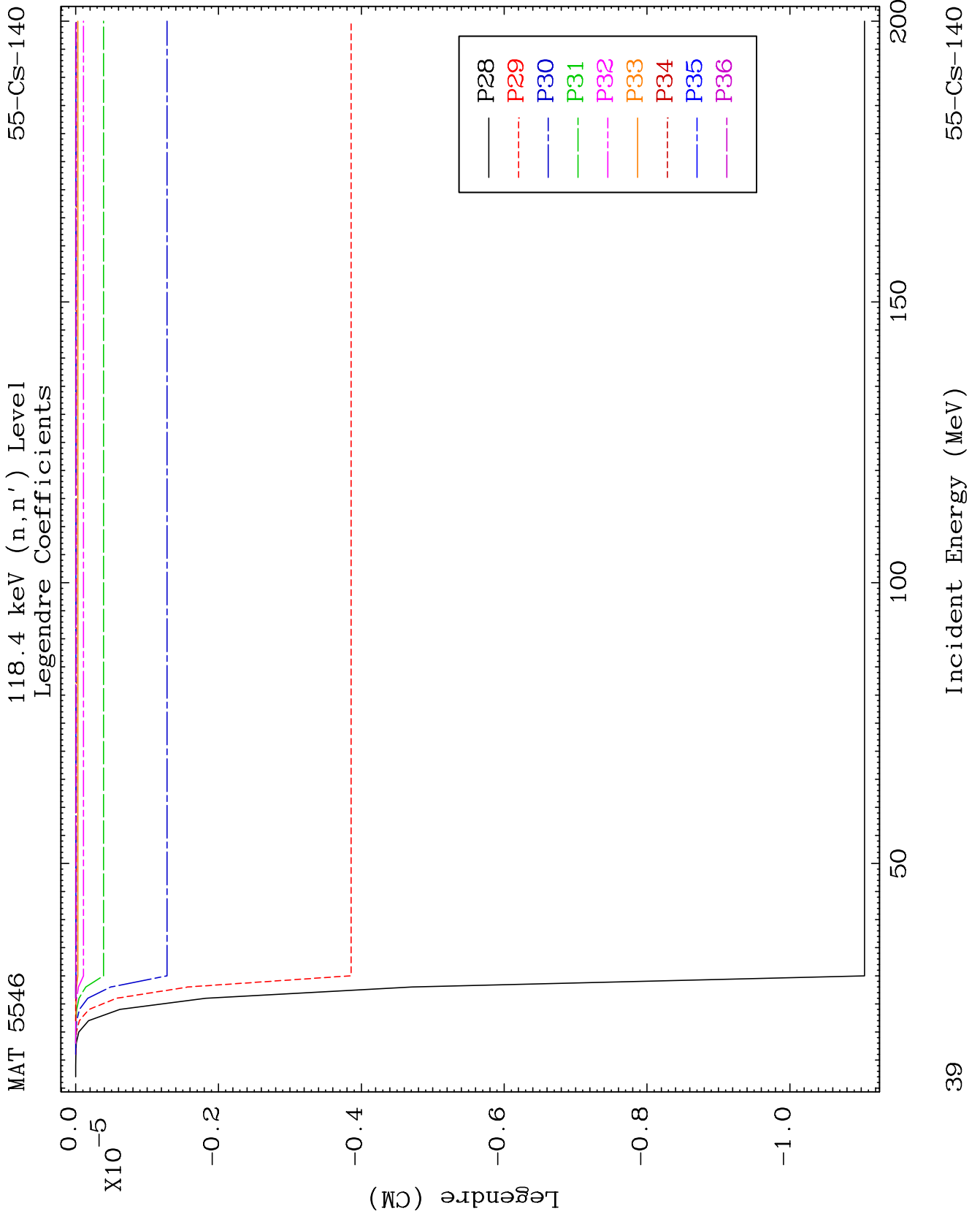
55-Cs-140







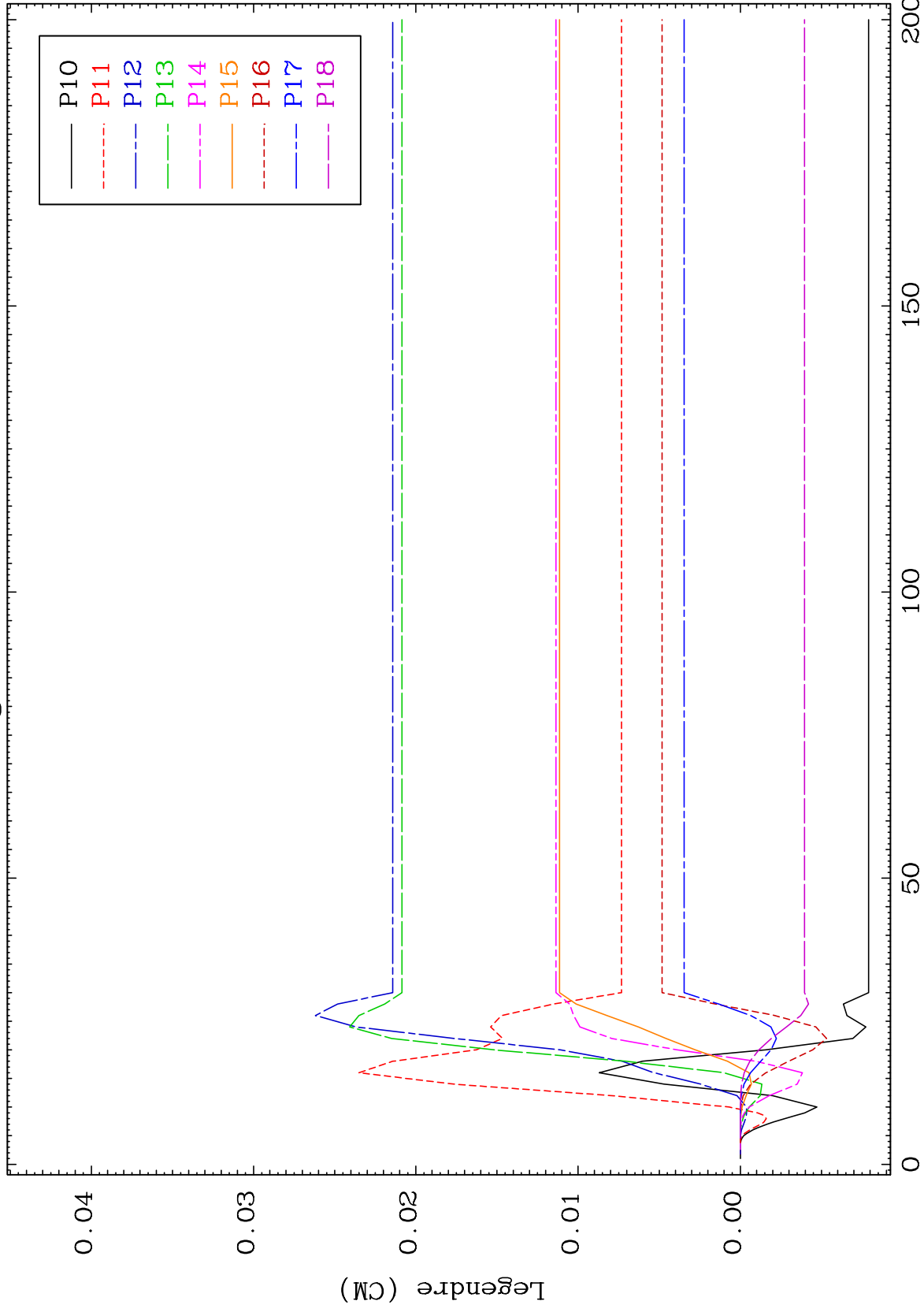




MAT 5546

149.0 keV (n,n') Level
Legendre Coefficients

55-Cs-140



41

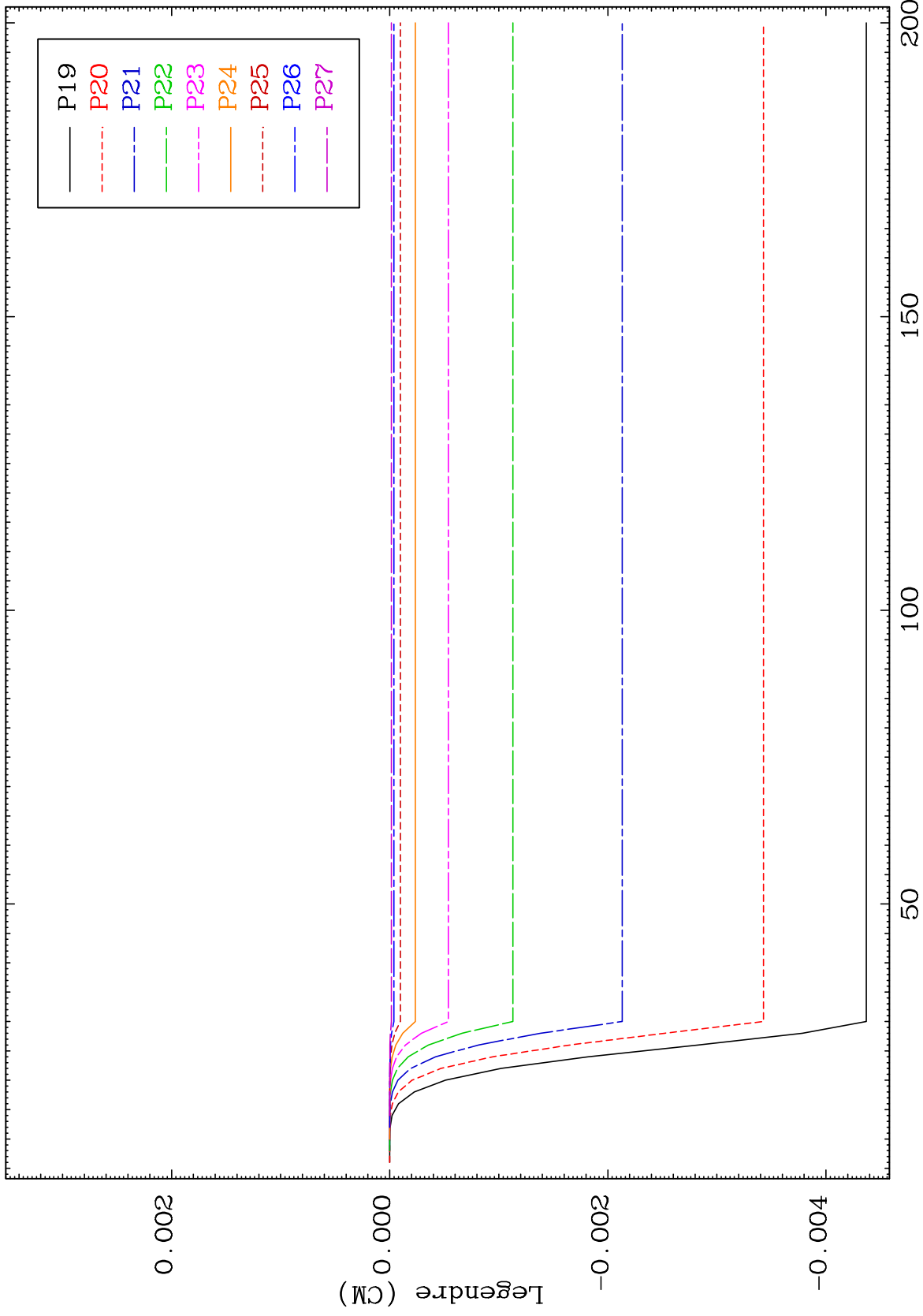
Incident Energy (MeV)

55-Cs-140

MAT 5546

149.0 keV (n,n') Level
Legendre Coefficients

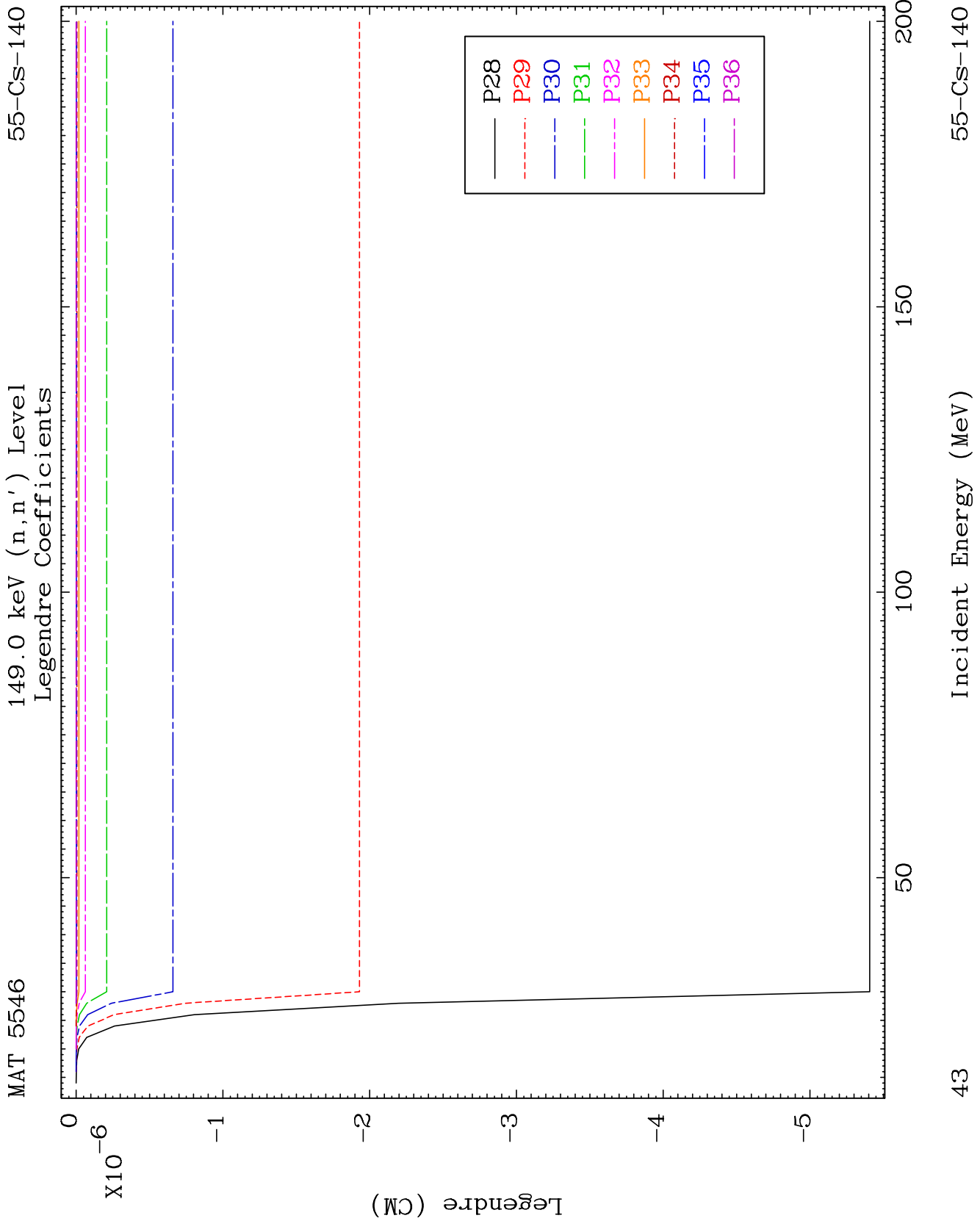
55-Cs-140

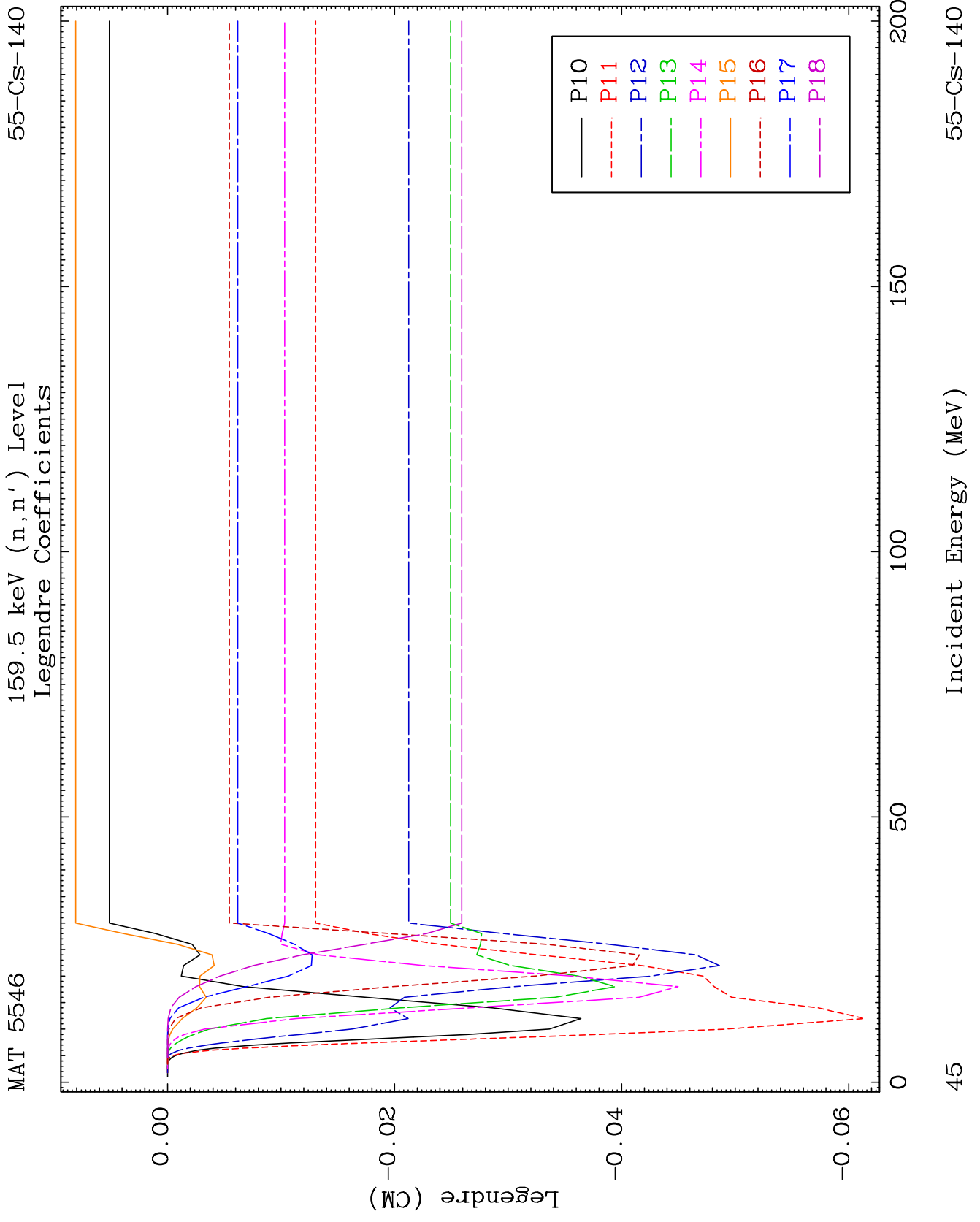


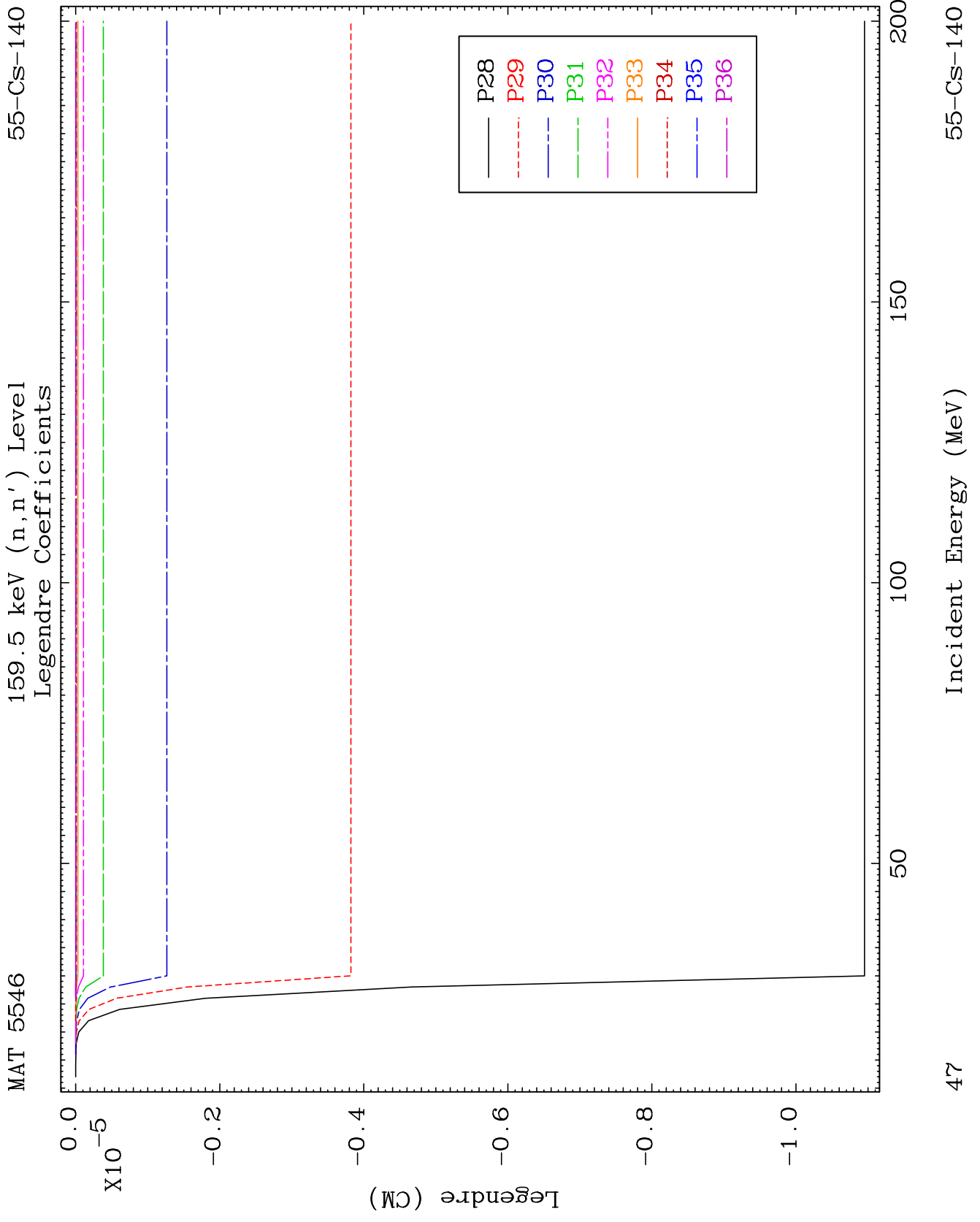
42

Incident Energy (MeV)

55-Cs-140



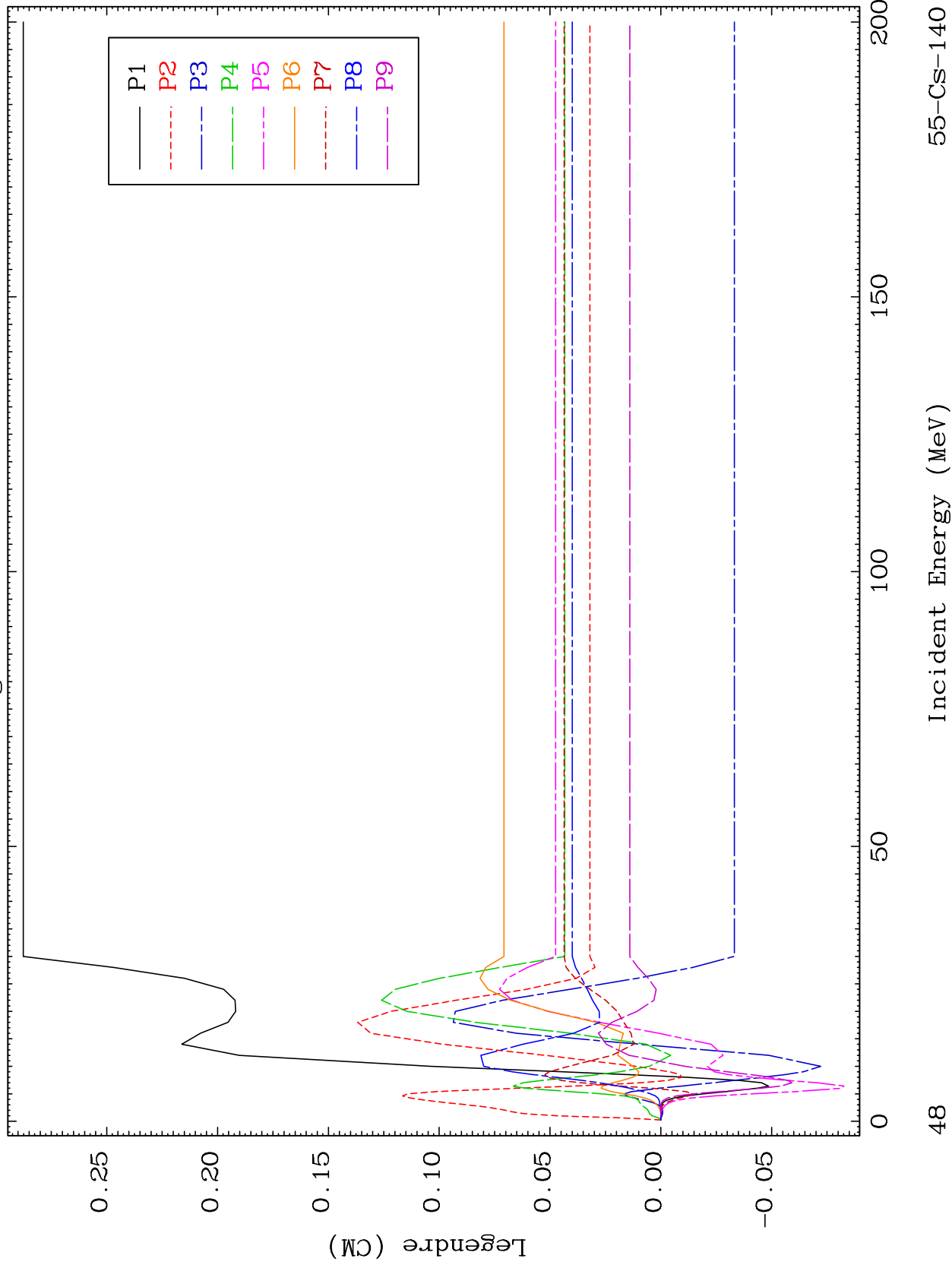




MAT 5546

212.1 keV (n,n') Level
Legendre Coefficients

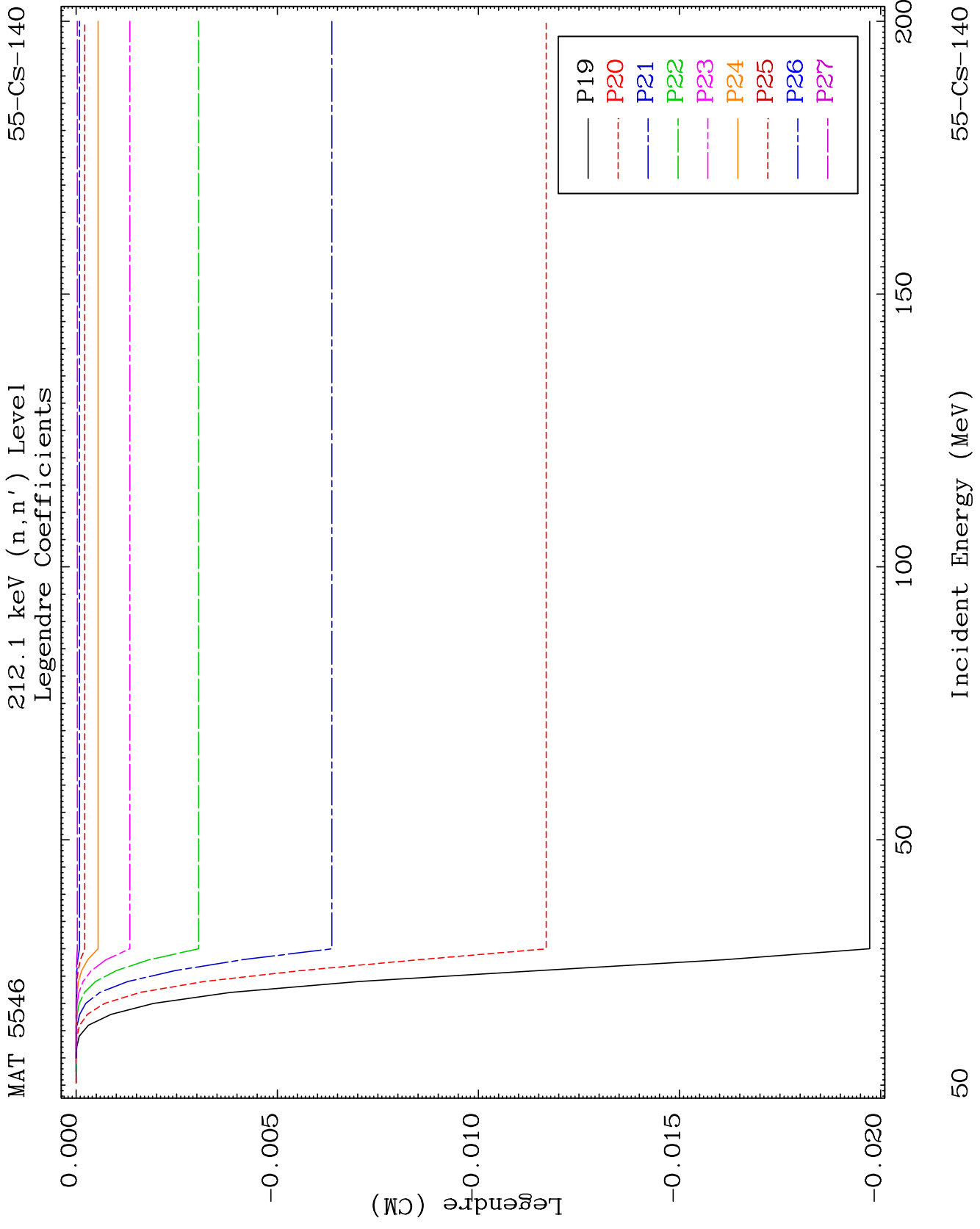
55-Cs-140

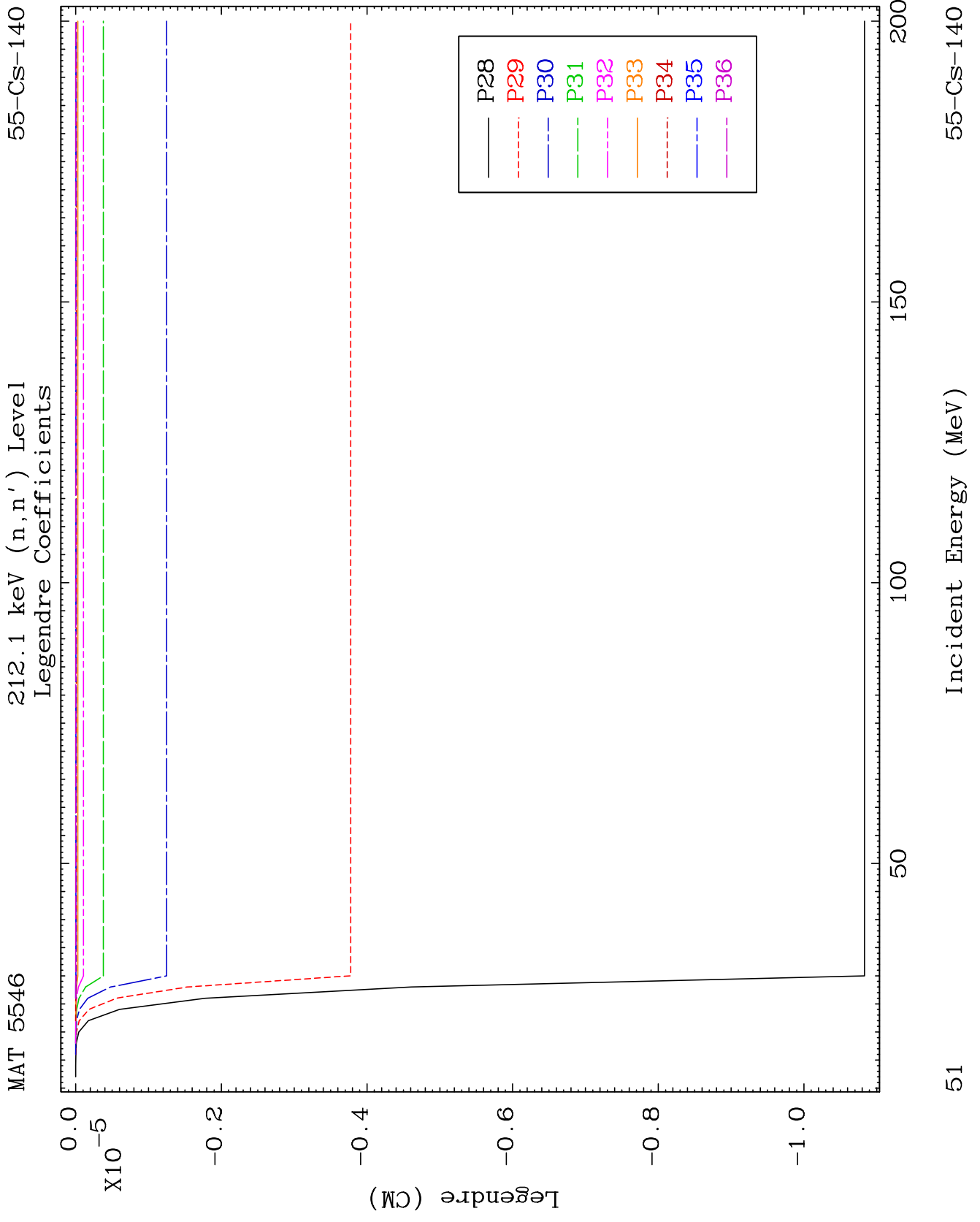


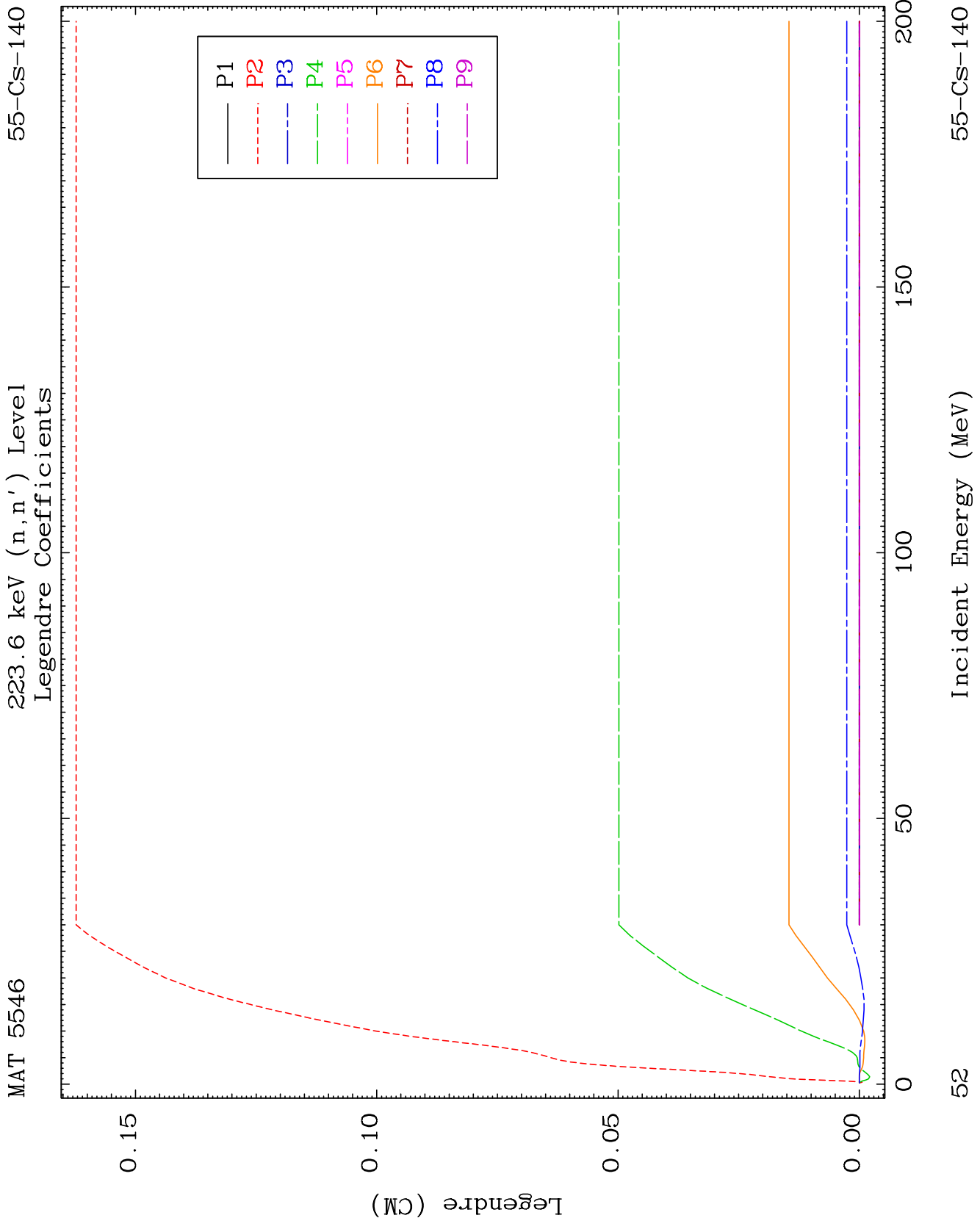
55-Cs-140

Incident Energy (MeV)

48



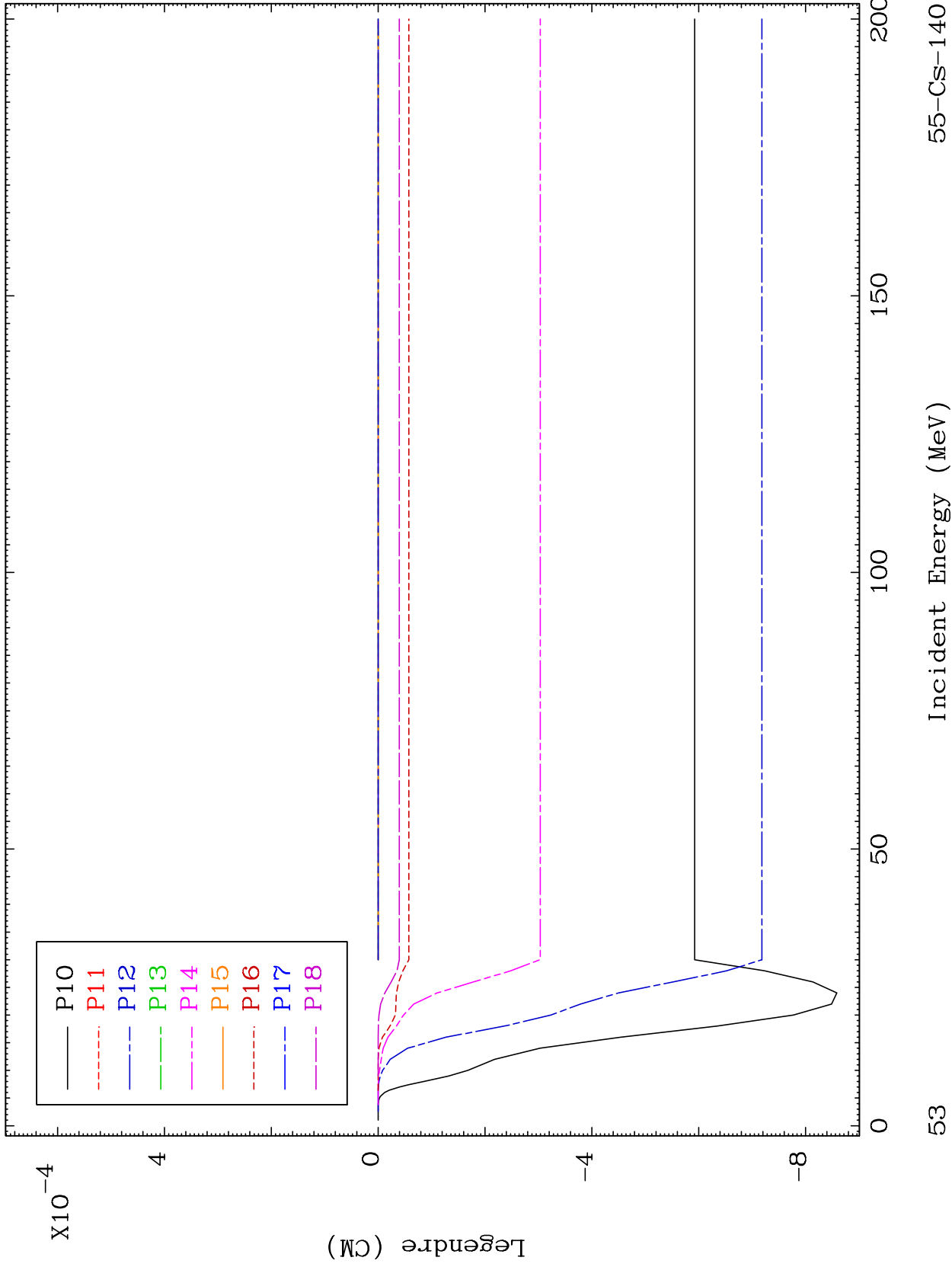




MAT 5546

223.6 keV (n,n') Level
Legendre Coefficients

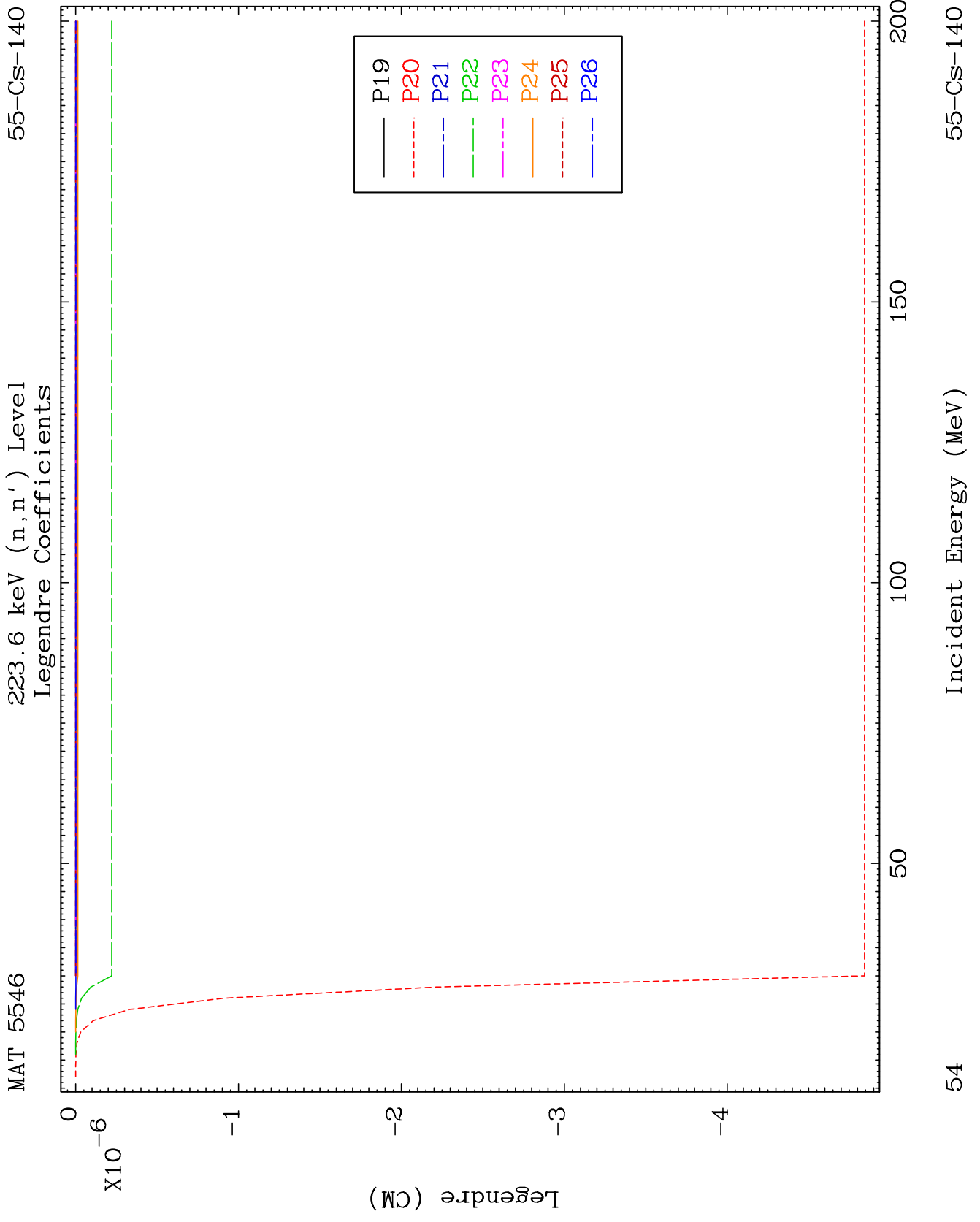
55-Cs-140



53

Incident Energy (MeV)

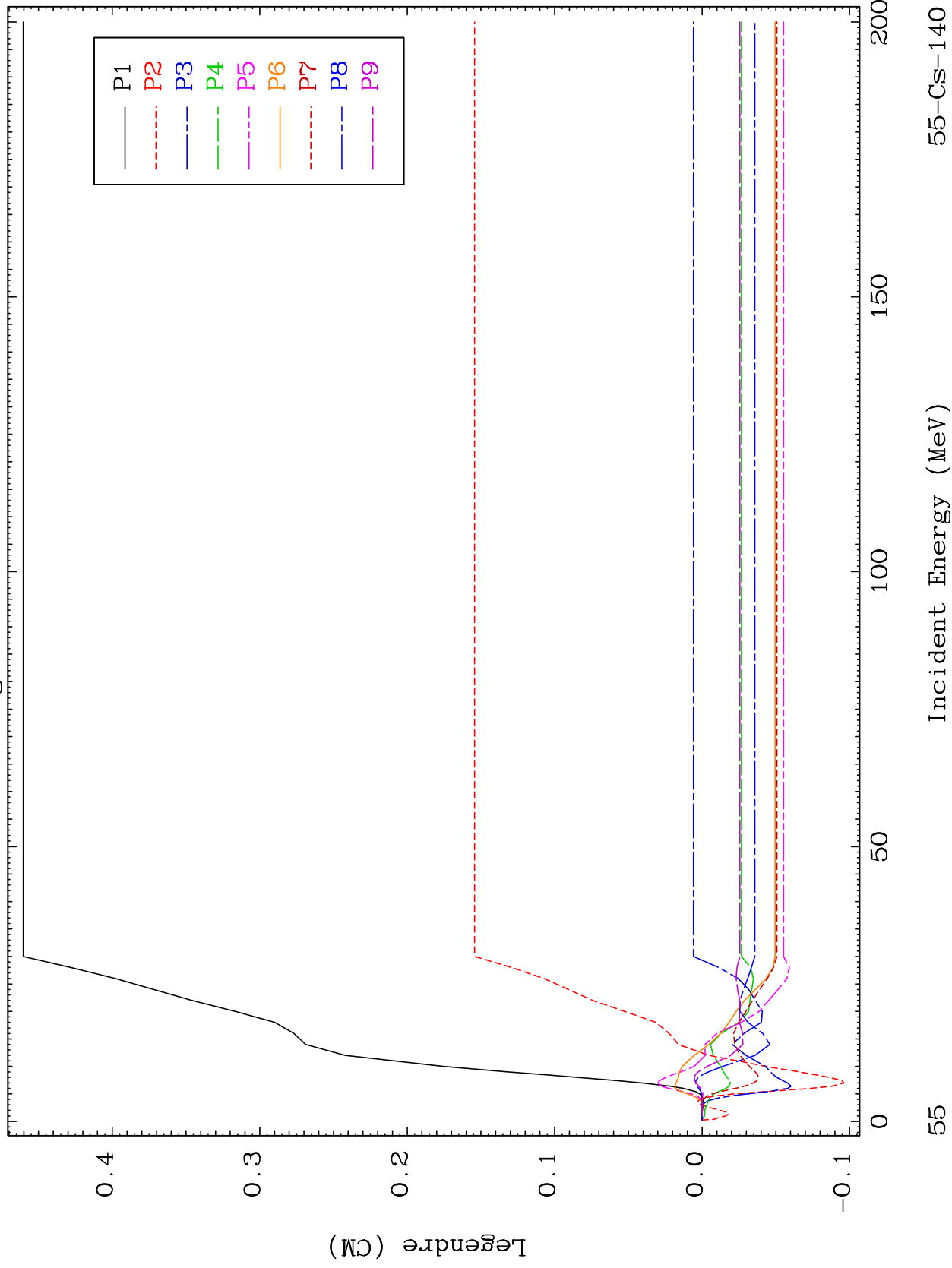
55-Cs-140



MAT 5546

232.1 keV (n,n') Level
Legendre Coefficients

55-Cs-140



55-Cs-140

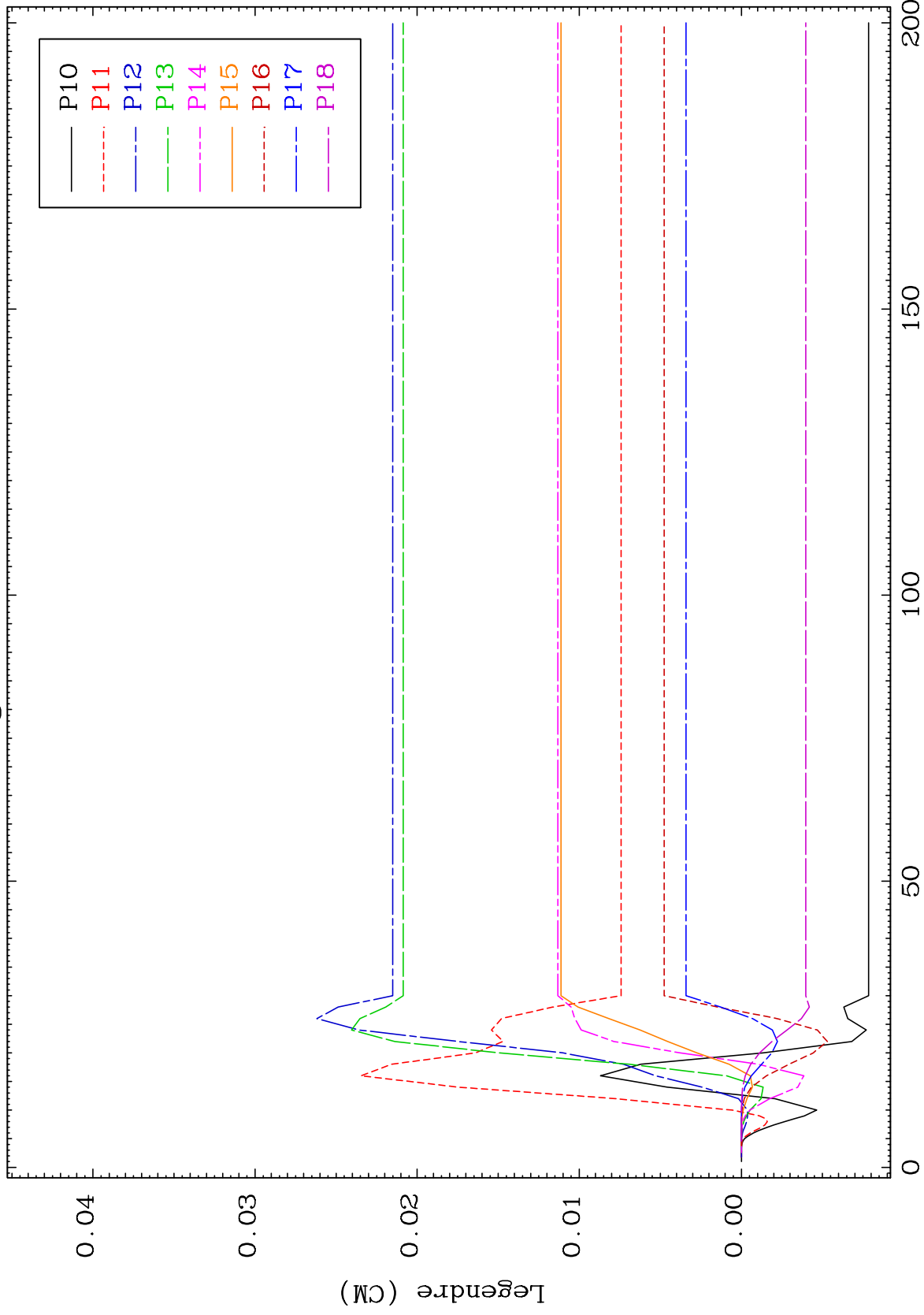
Incident Energy (MeV)

55

MAT 5546

232.1 keV (n,n') Level
Legendre Coefficients

55-Cs-140



56

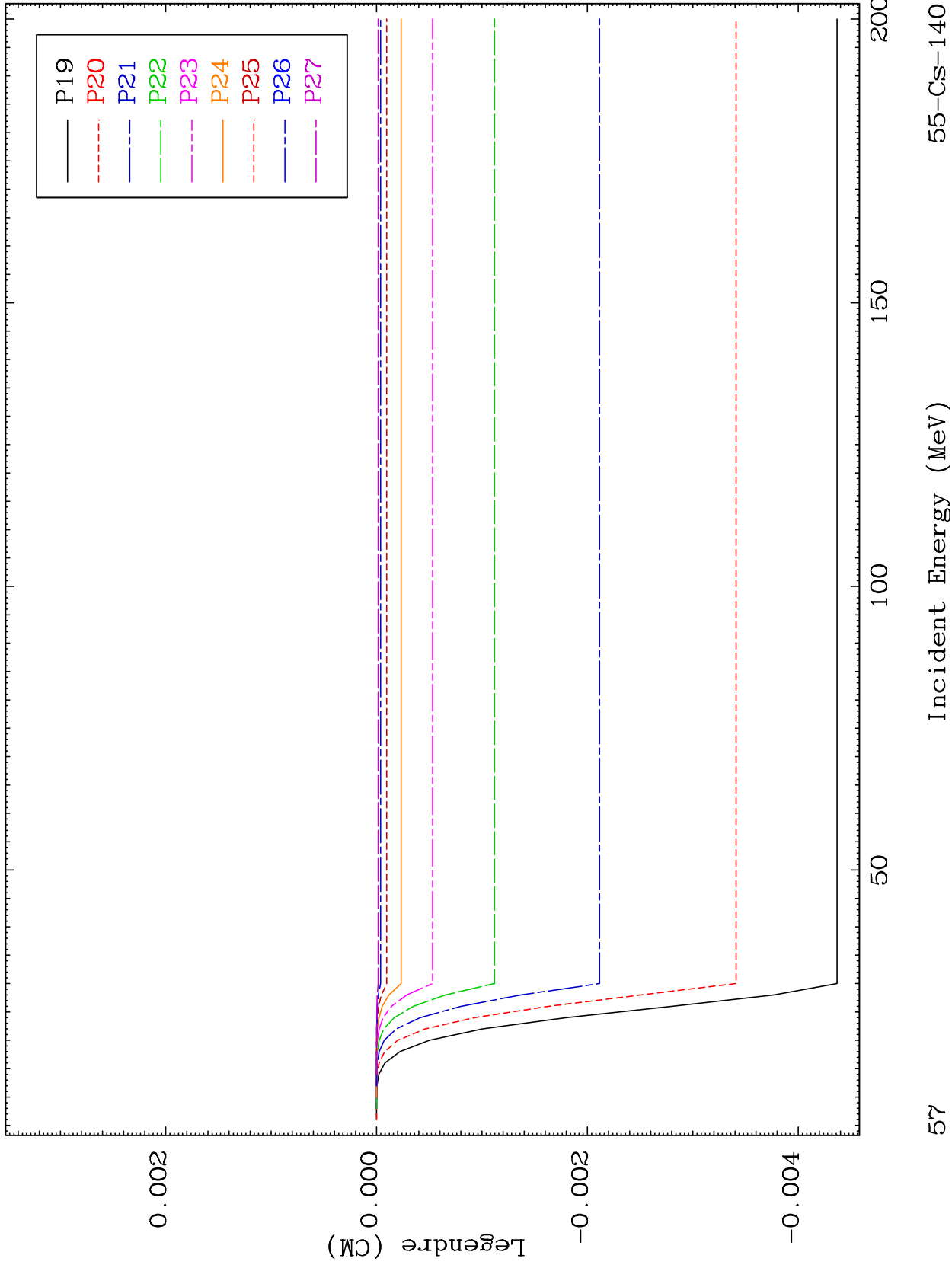
Incident Energy (MeV)

55-Cs-140

MAT 5546

232.1 keV (n,n') Level
Legendre Coefficients

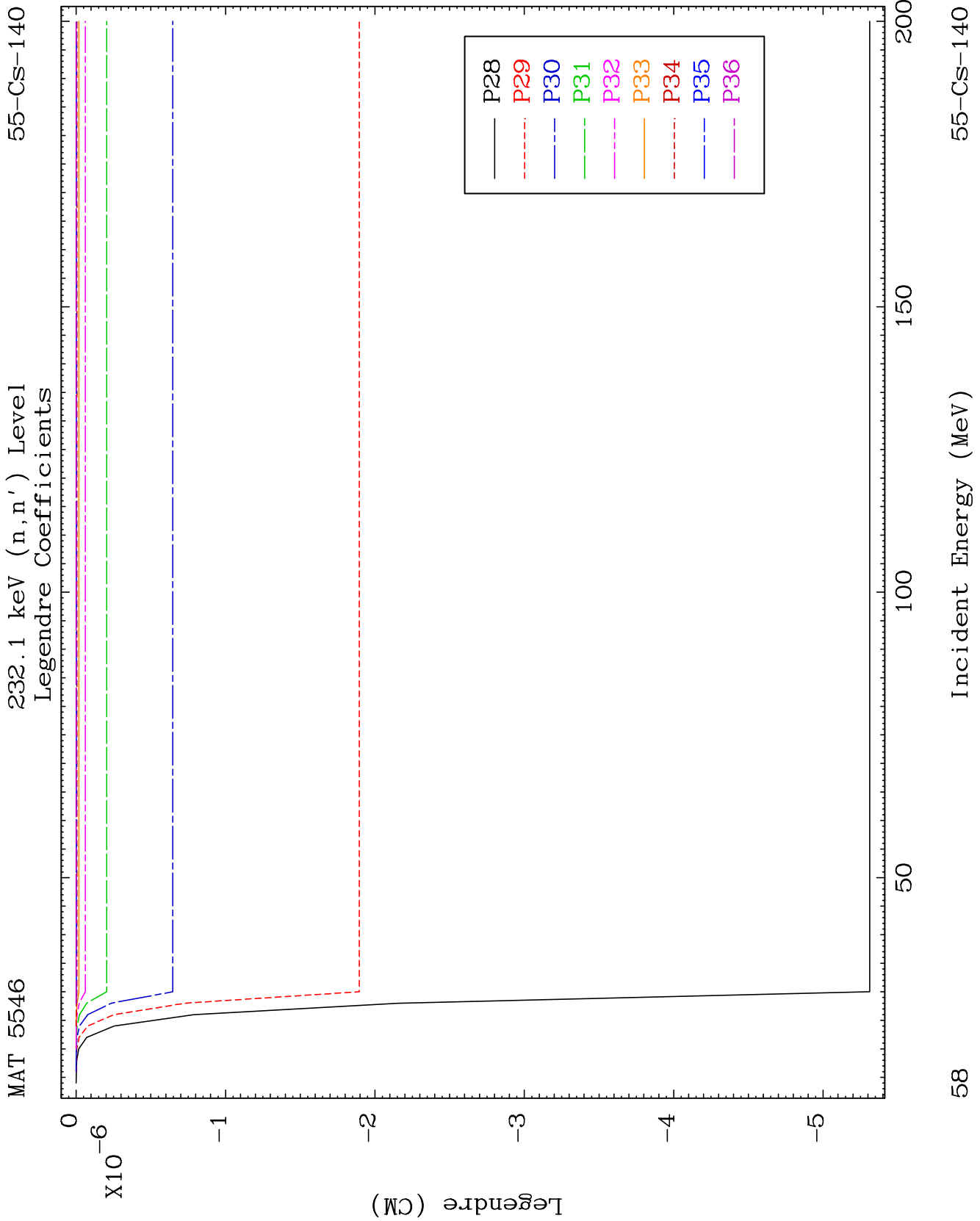
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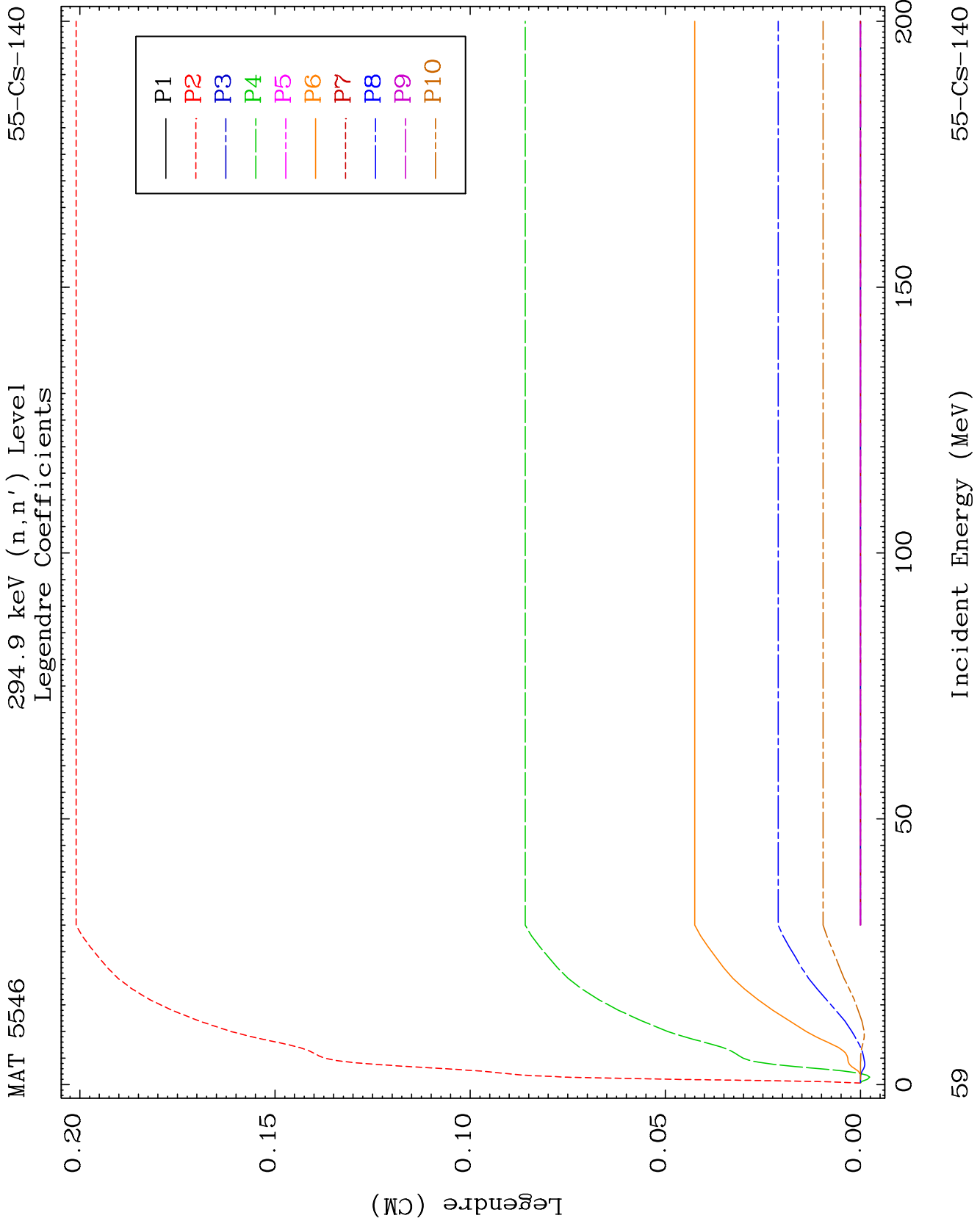


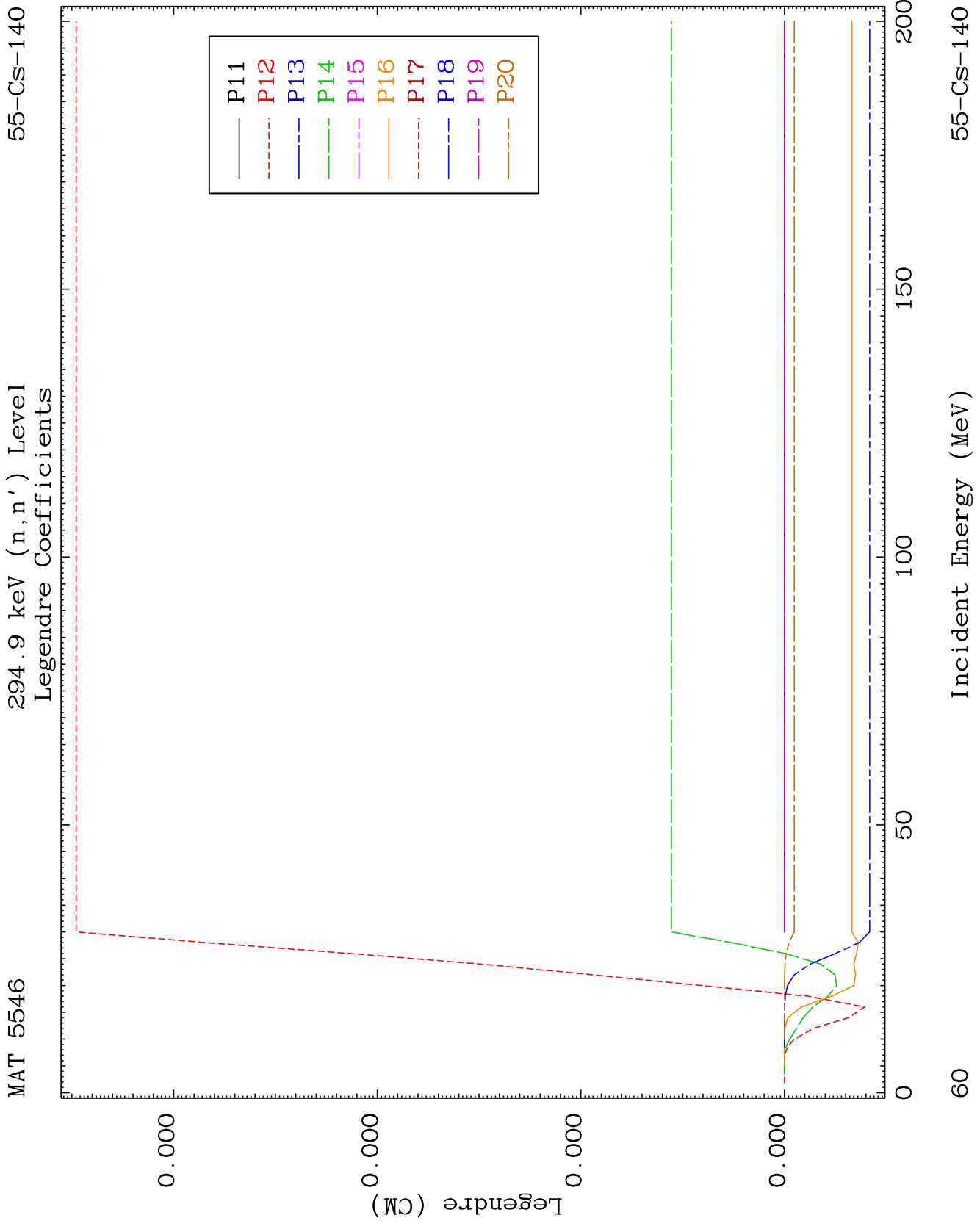
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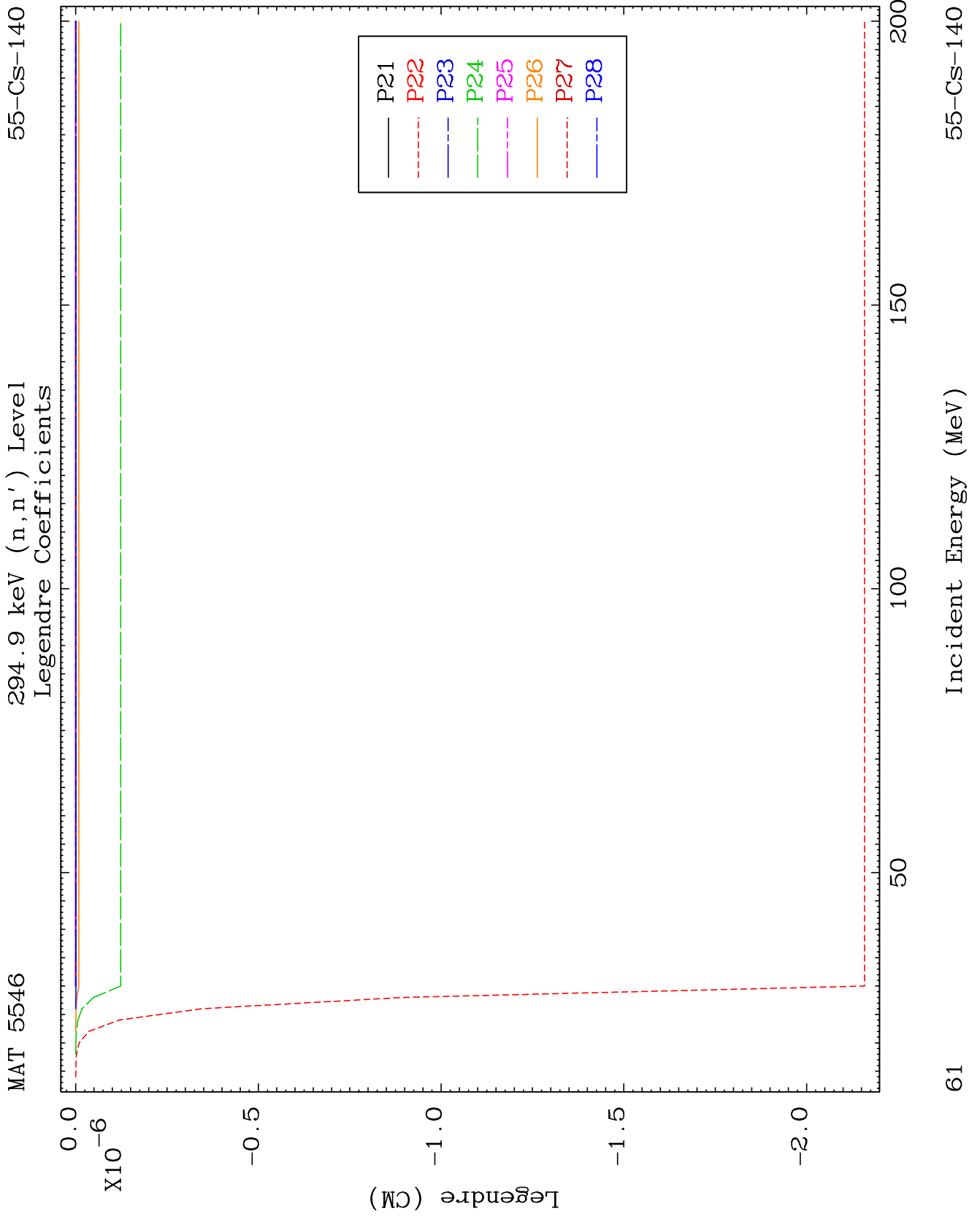
Incident Energy (MeV)

55-Cs-140





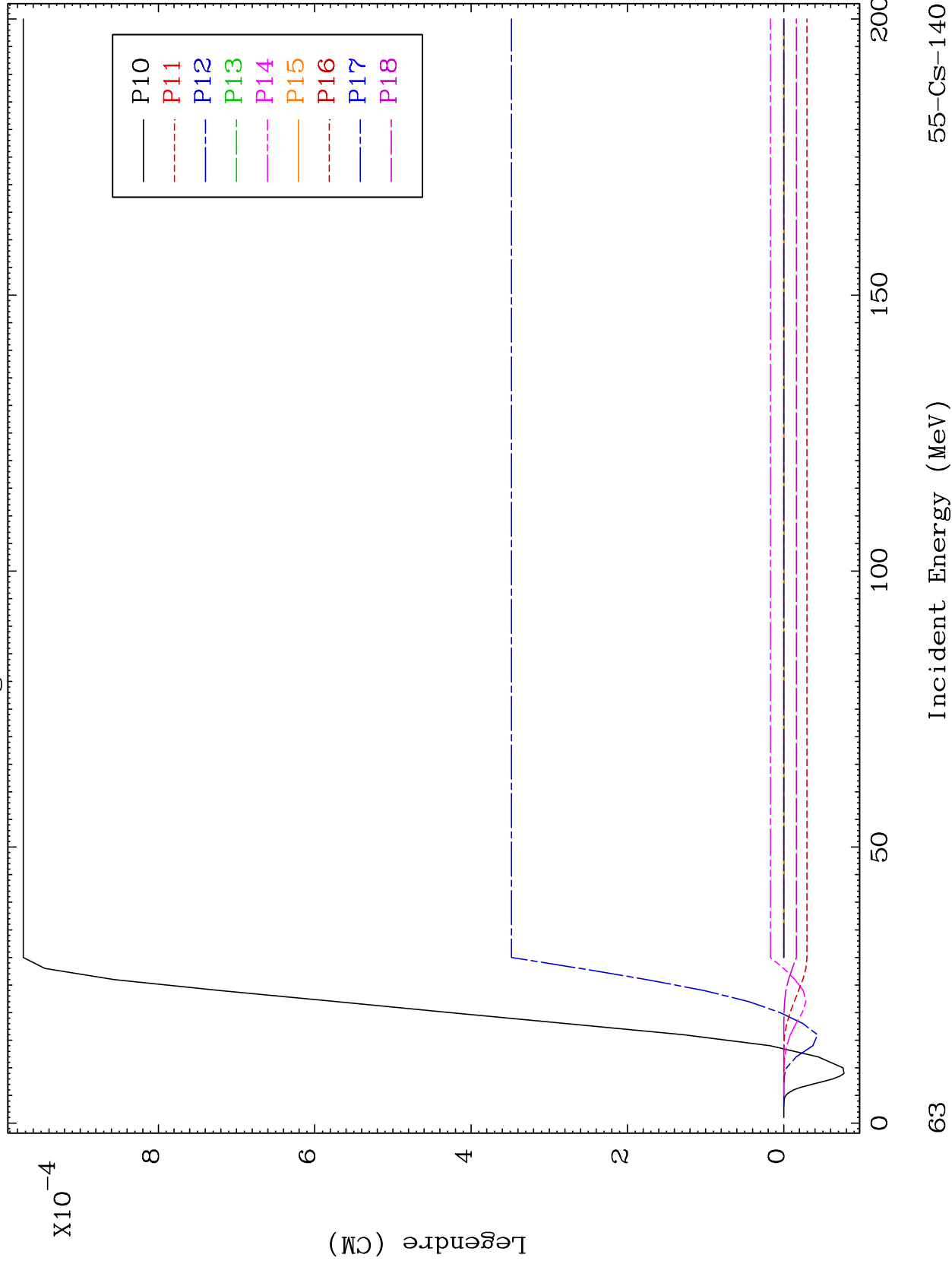


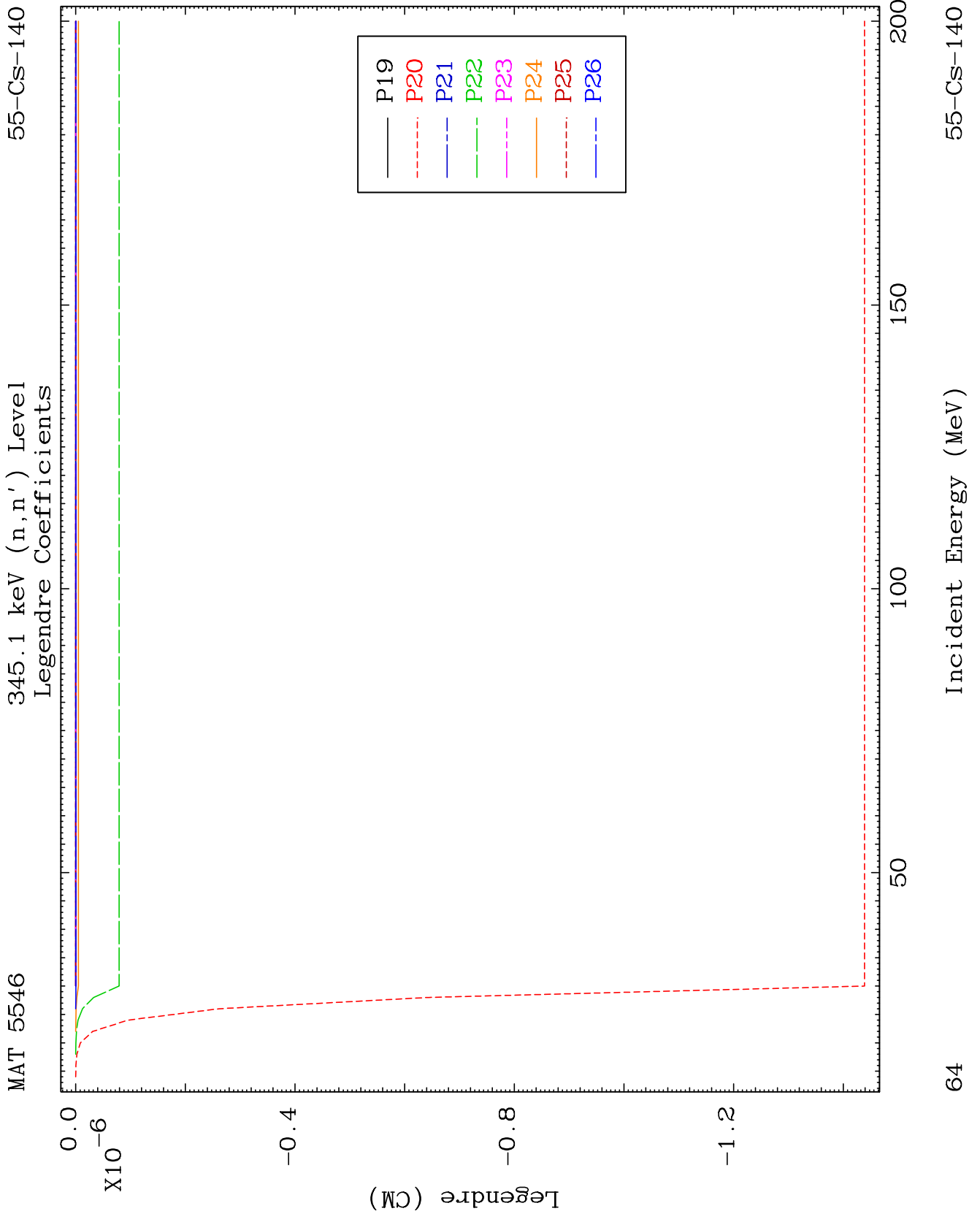


MAT 5546

345.1 keV (n,n') Level
Legendre Coefficients

55-Cs-140

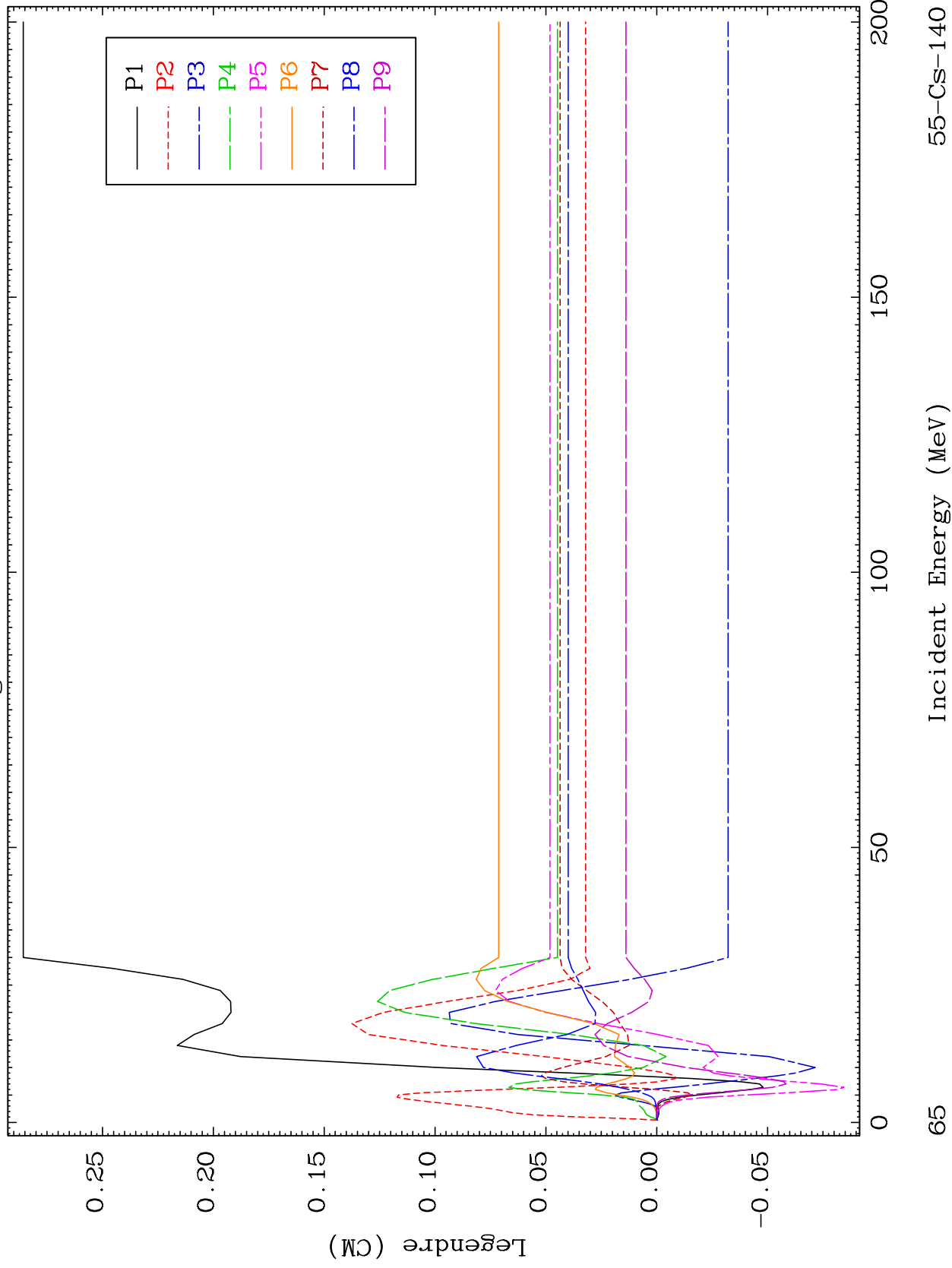




MAT 5546

438.6 keV (n,n') Level
Legendre Coefficients

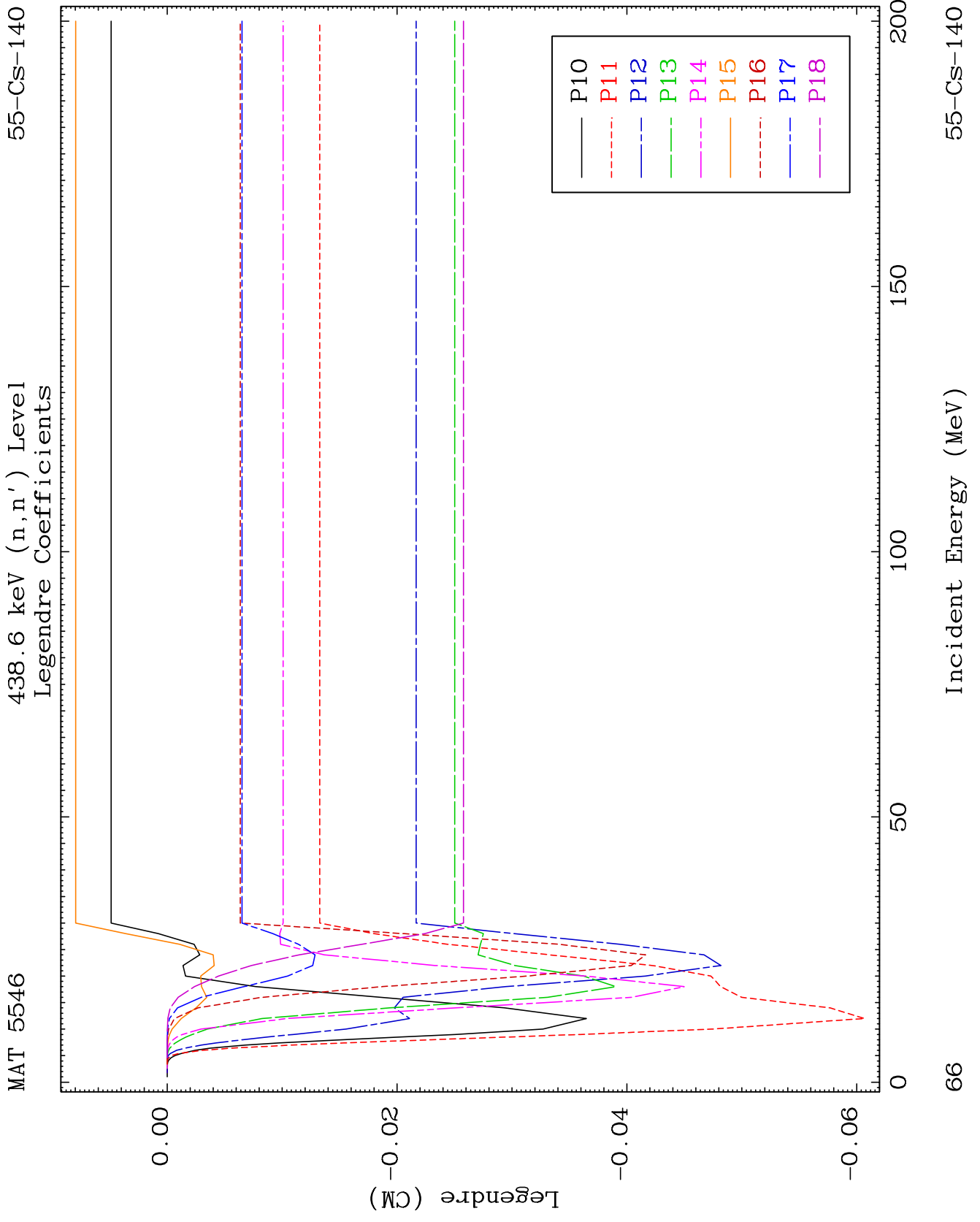
55-Cs-140

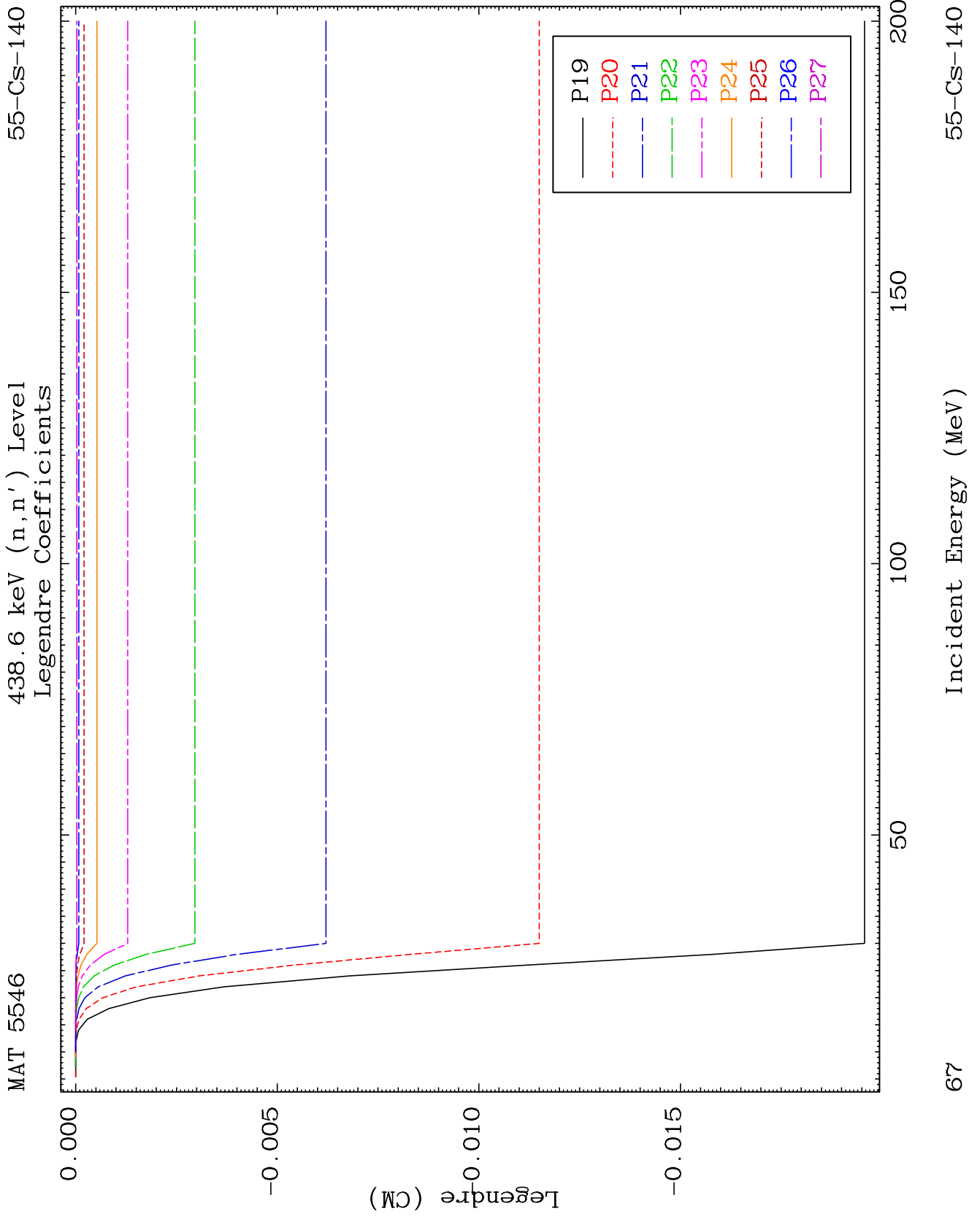


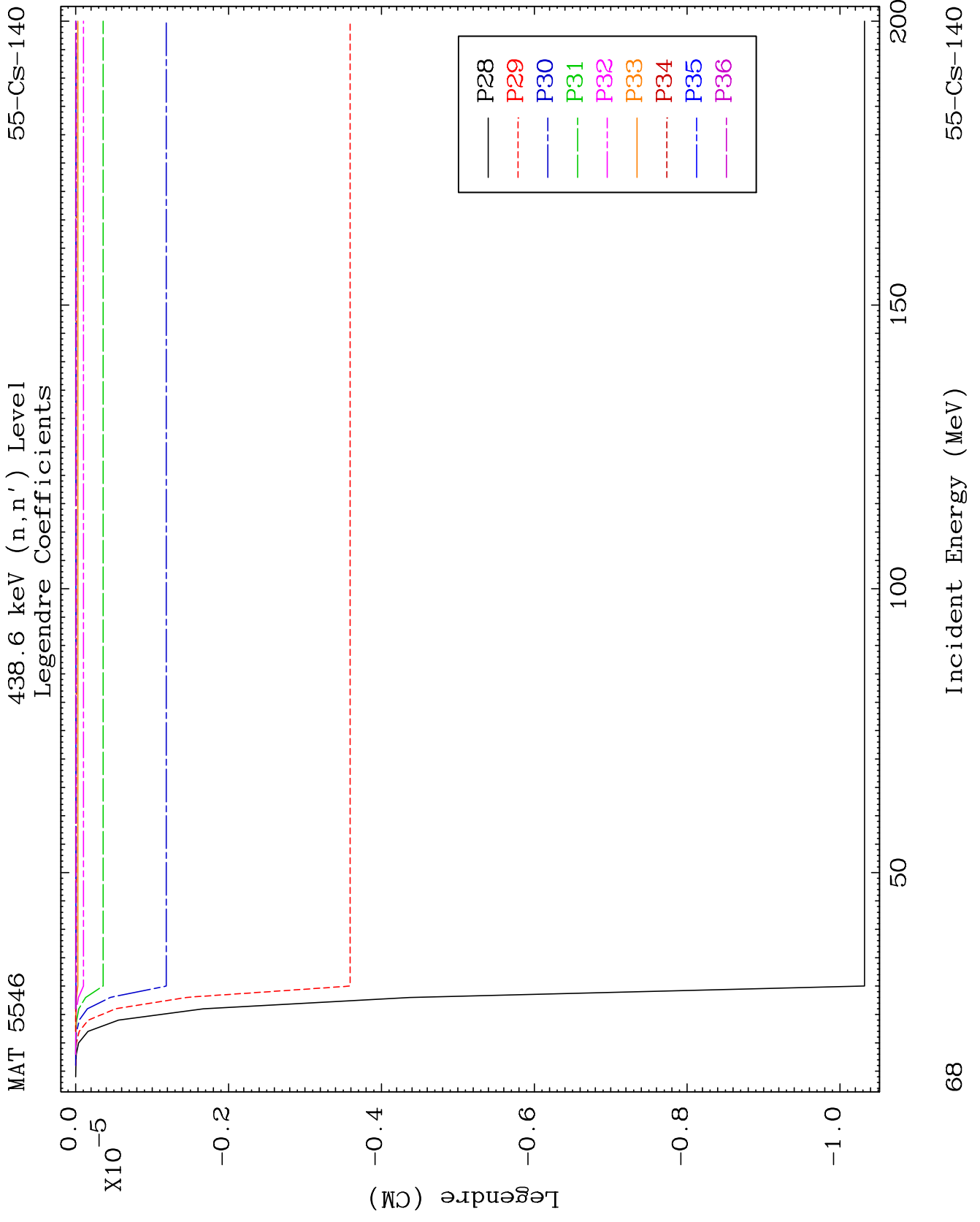
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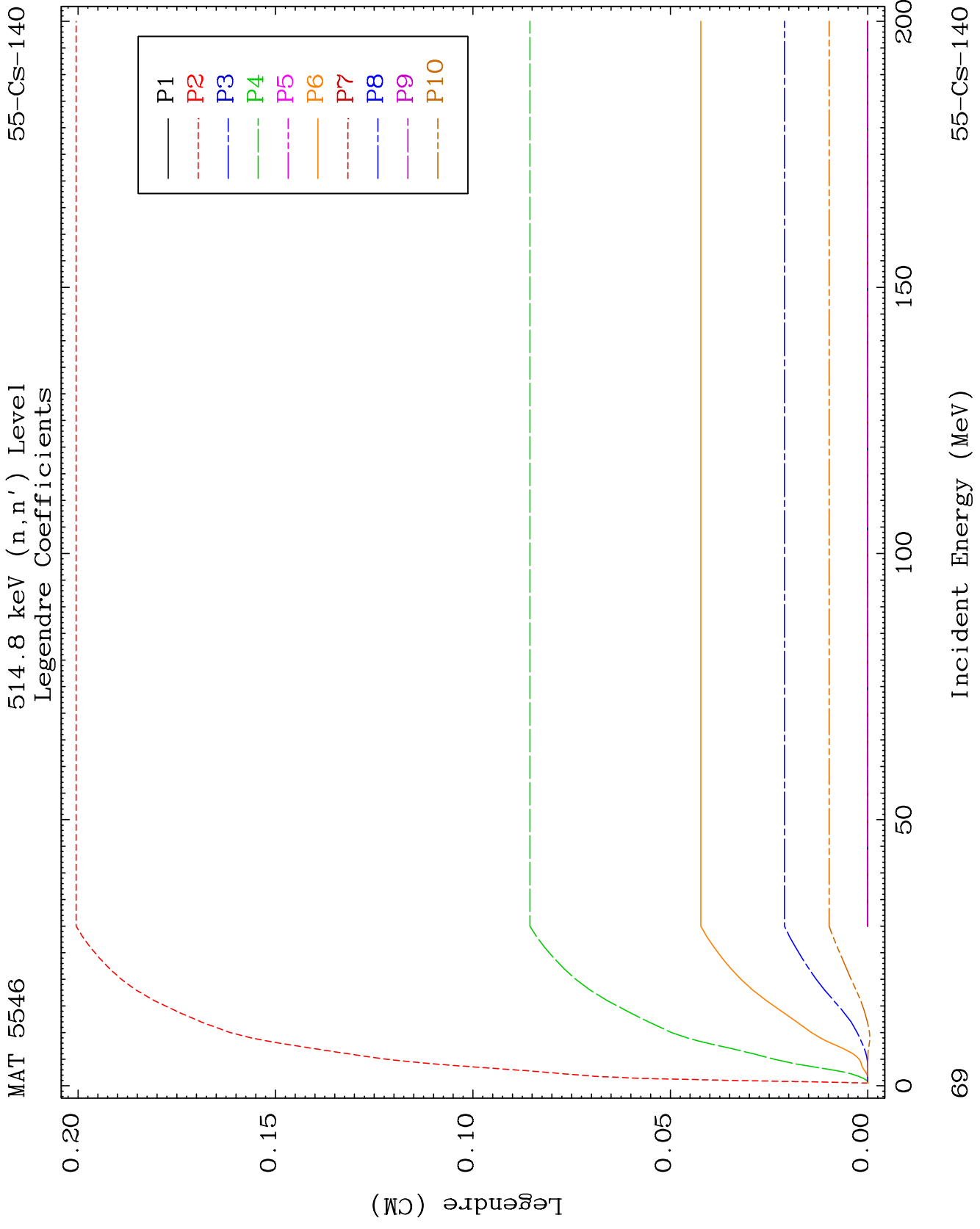
Incident Energy (MeV)

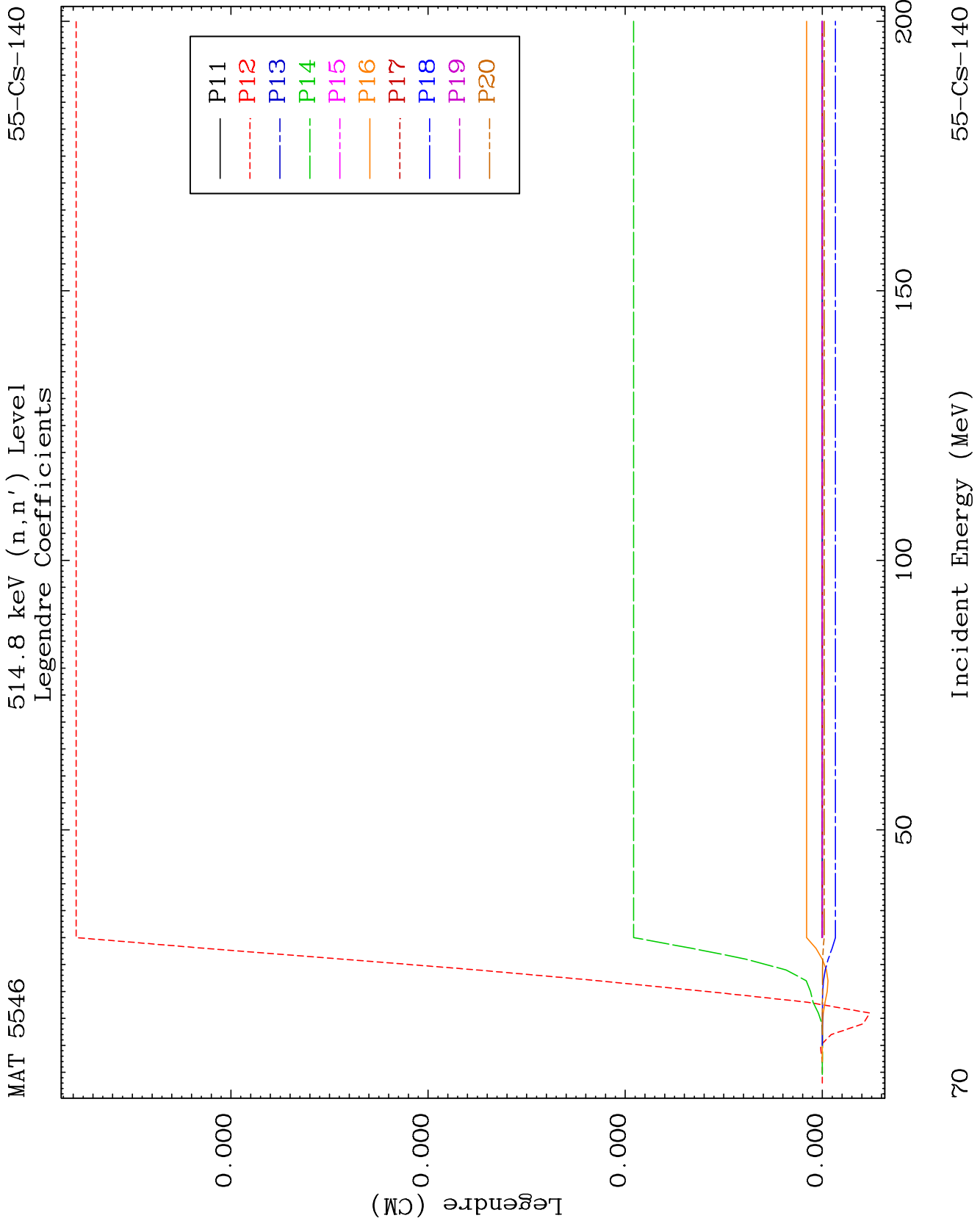
65

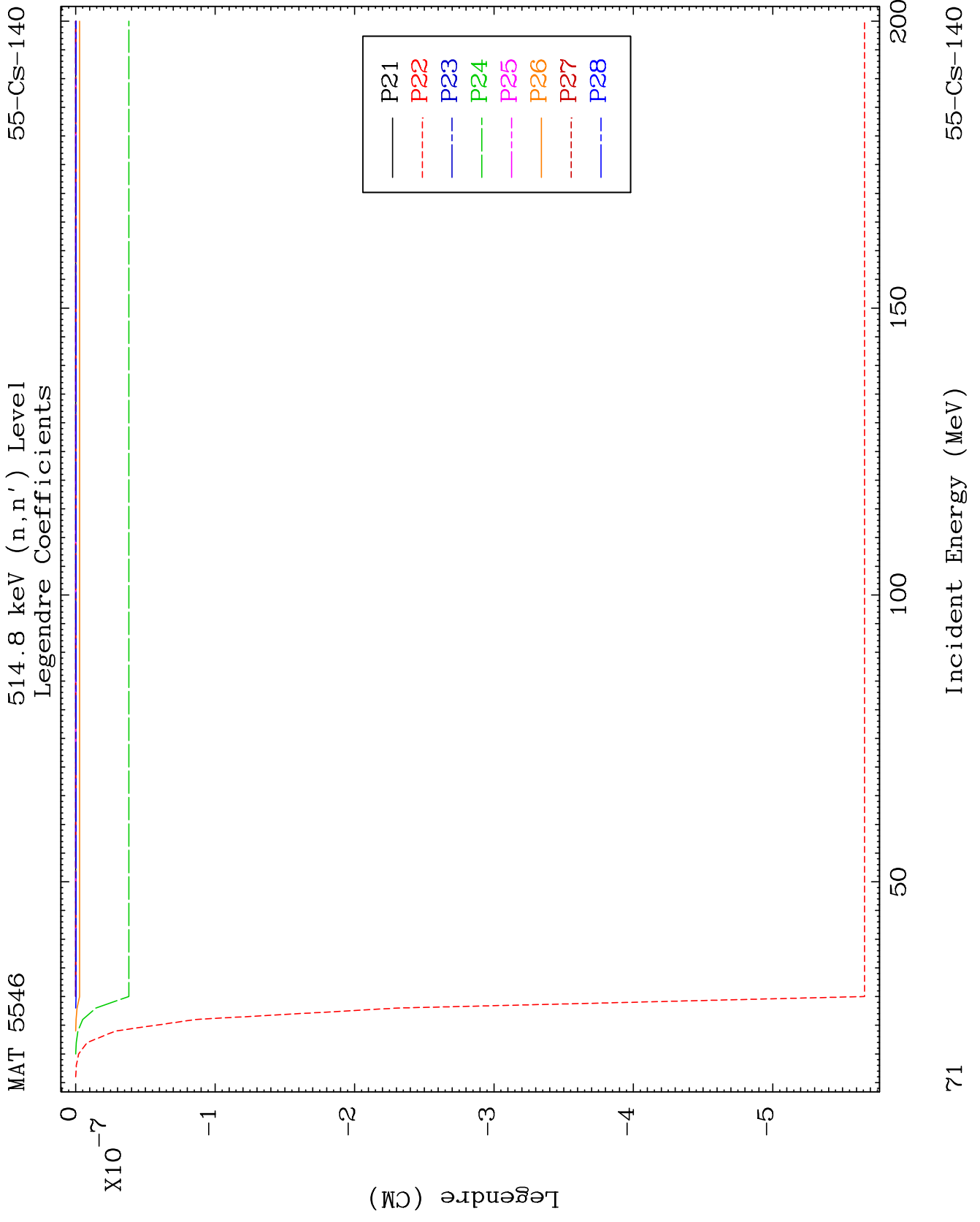


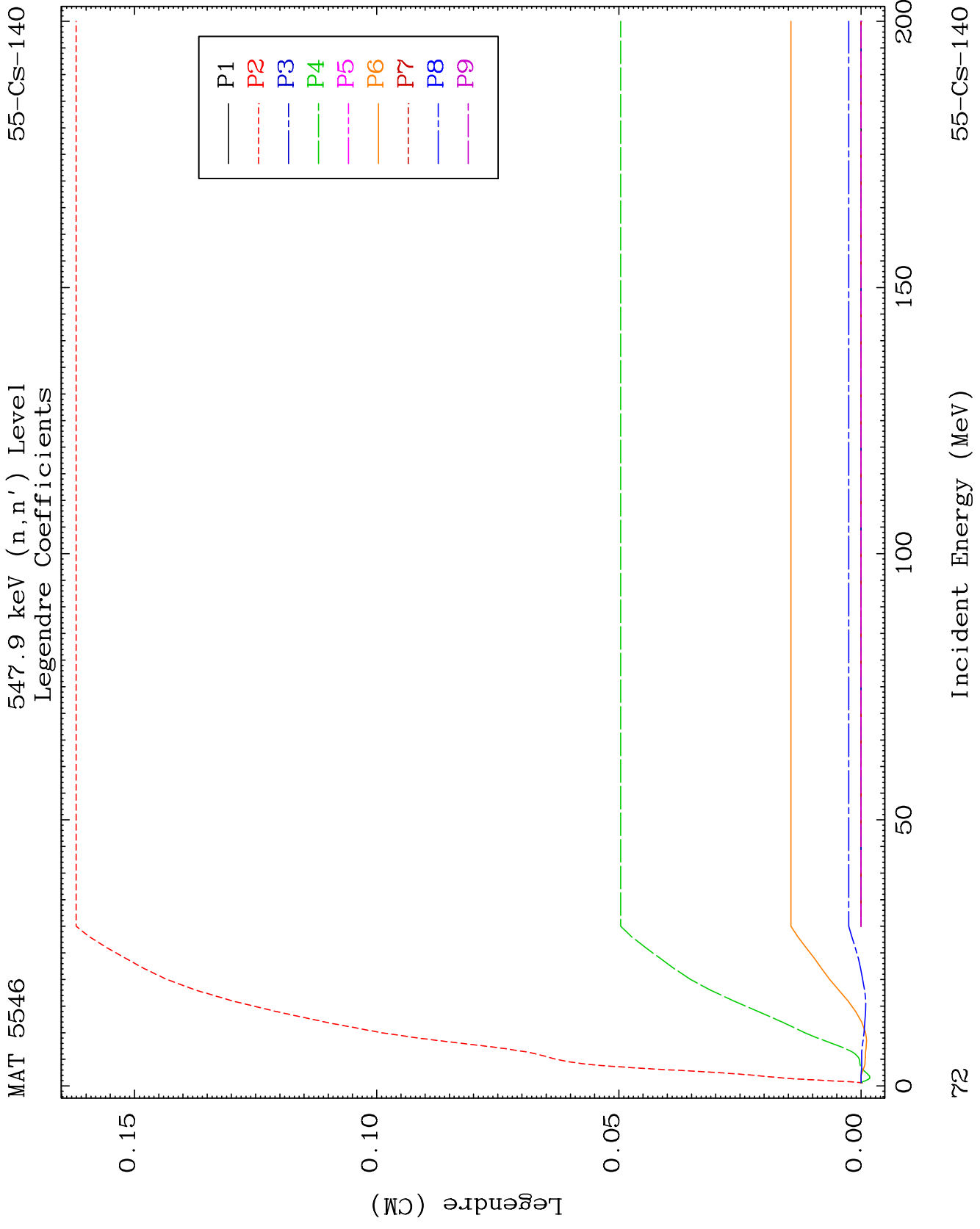








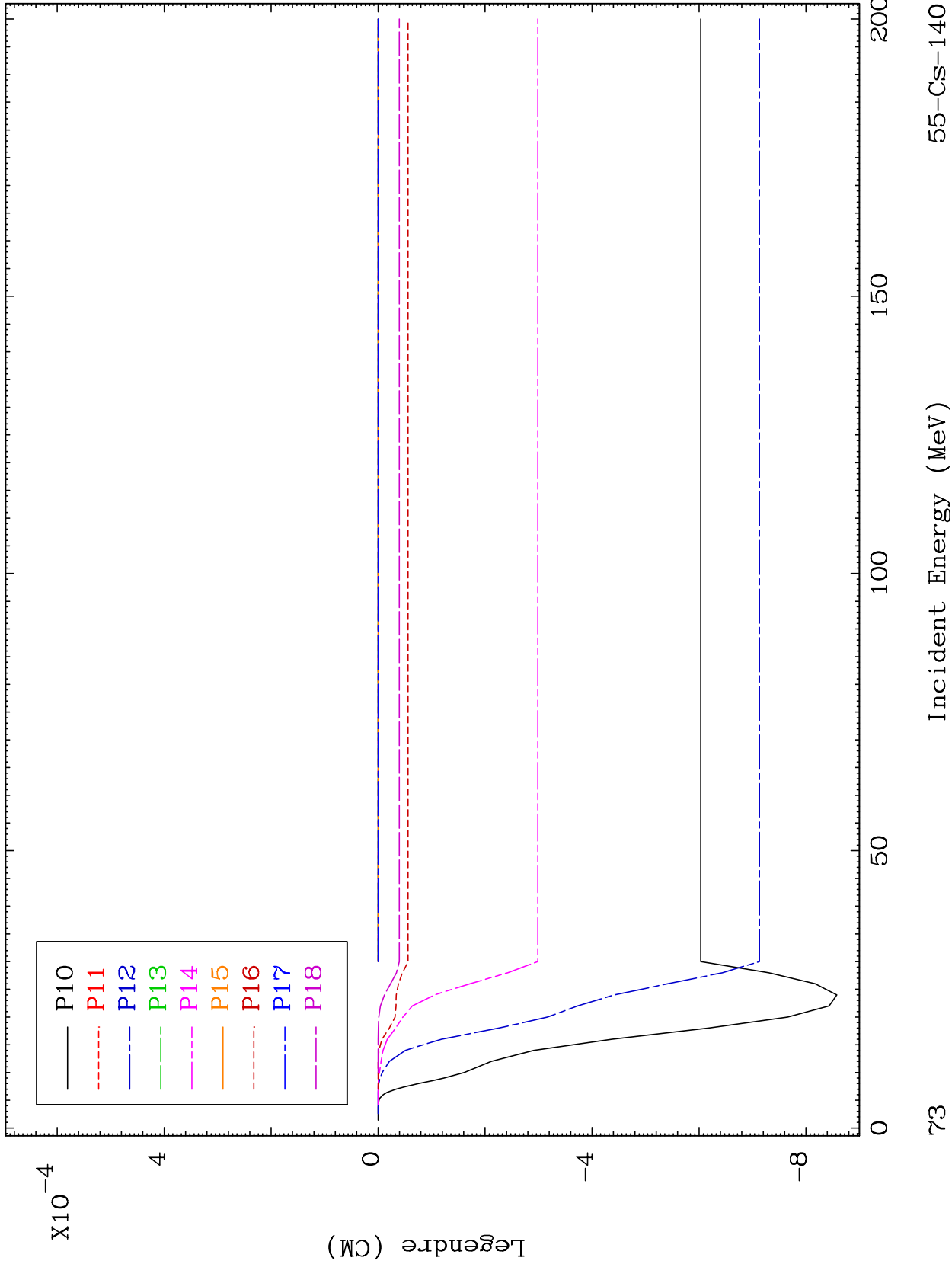




MAT 5546

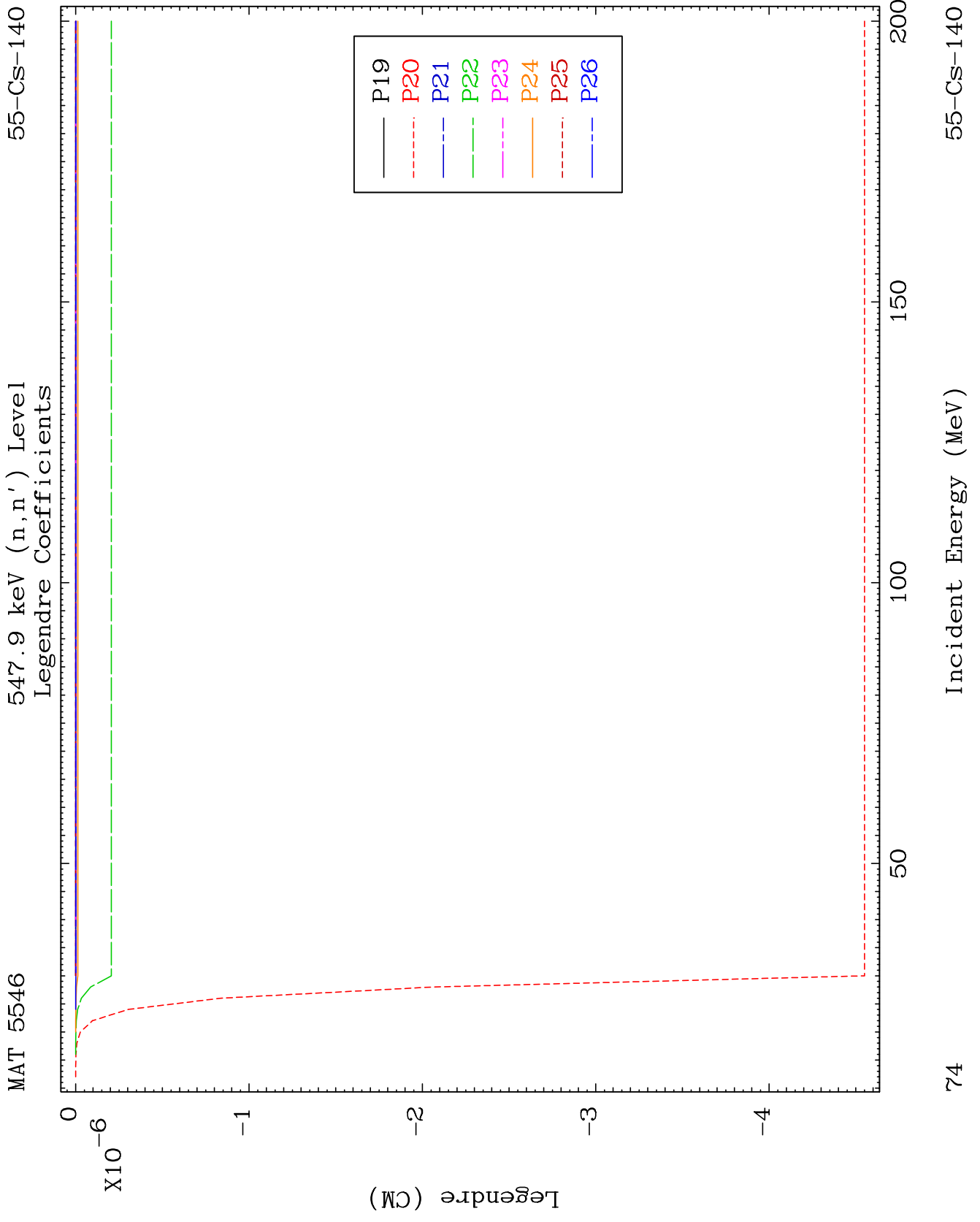
547.9 keV (n,n') Level
Legendre Coefficients

55-Cs-140



73

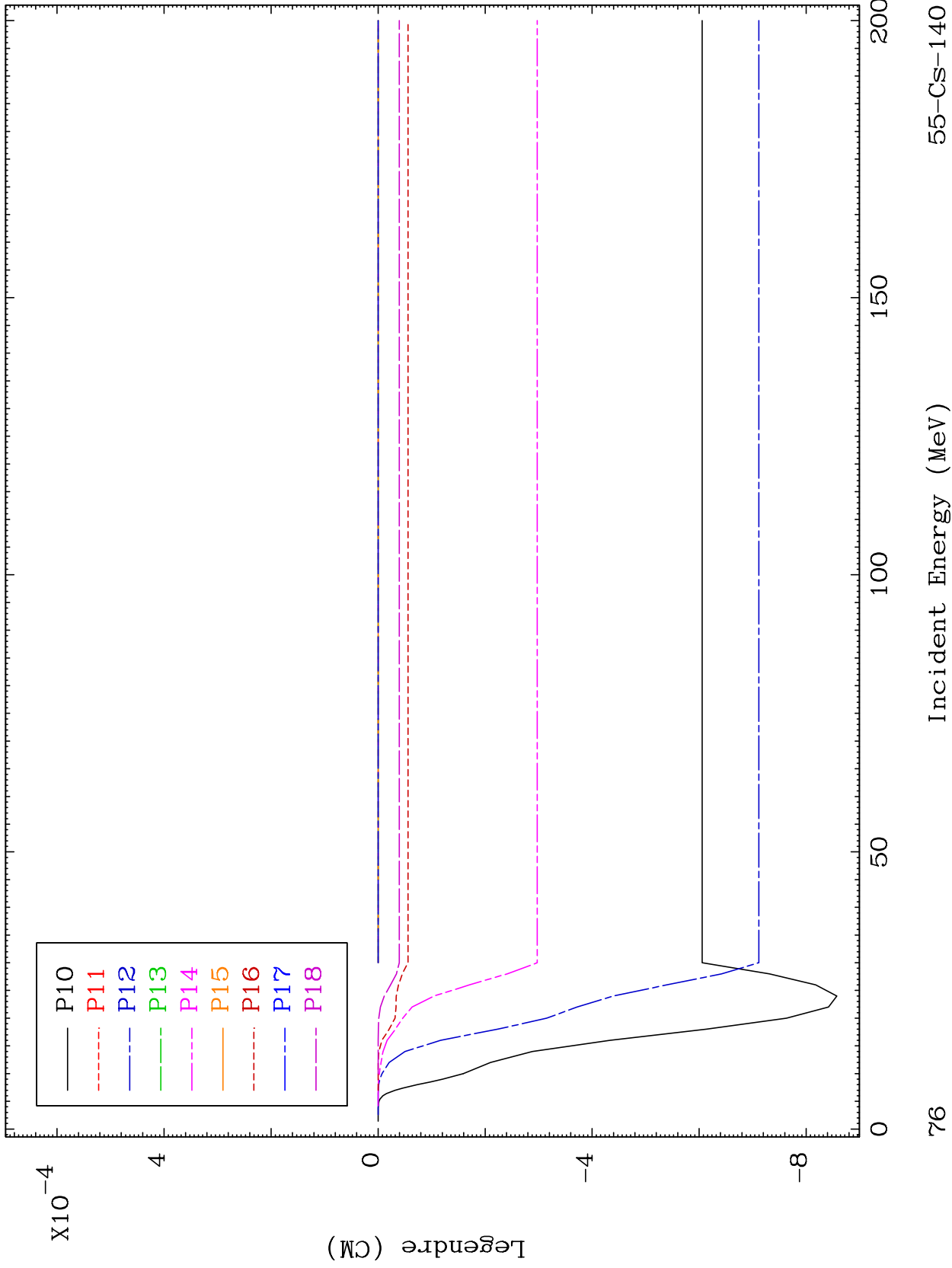
55-Cs-140



MAT 5546

622.0 keV (n,n') Level
Legendre Coefficients

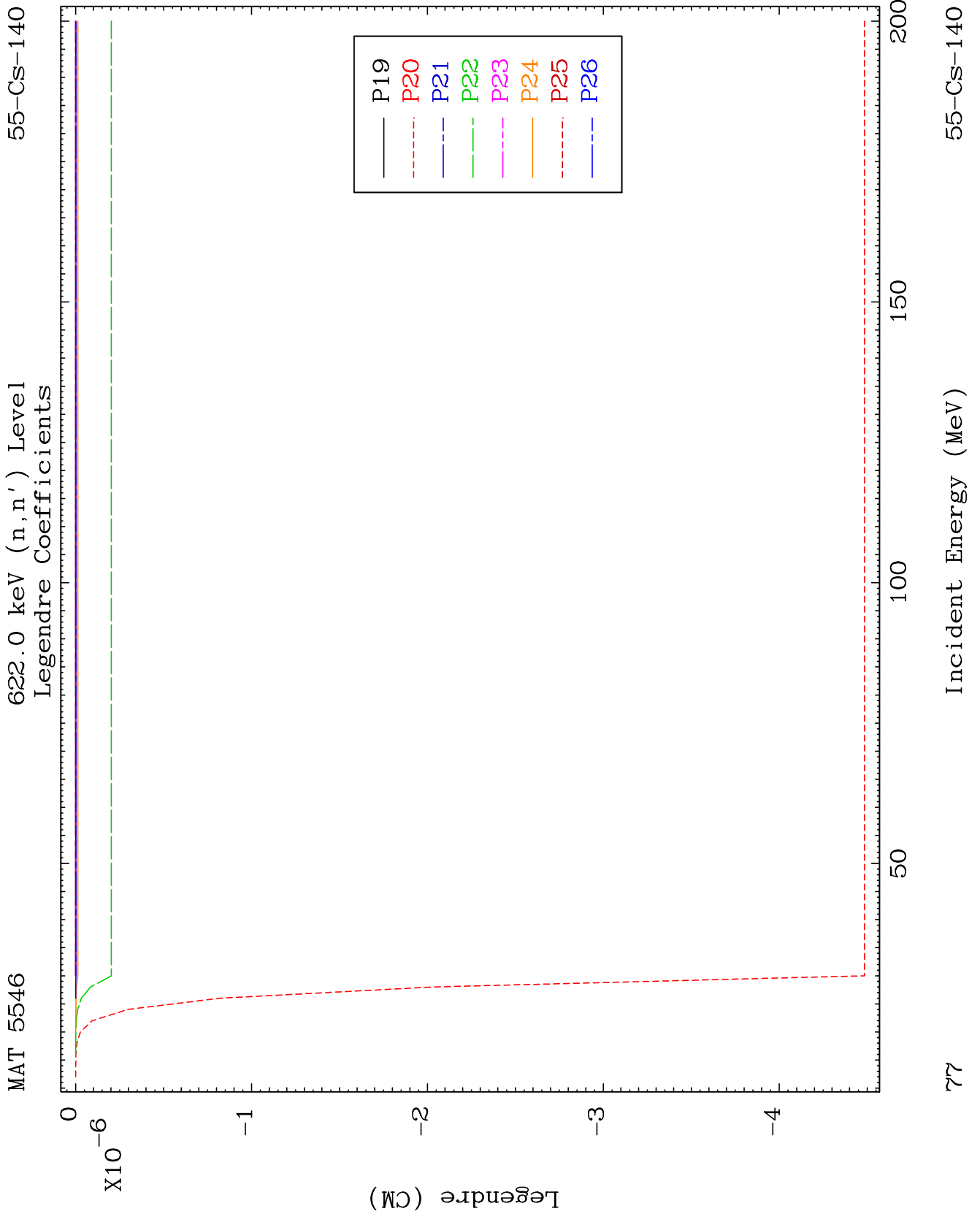
55-Cs-140



76

Incident Energy (MeV)

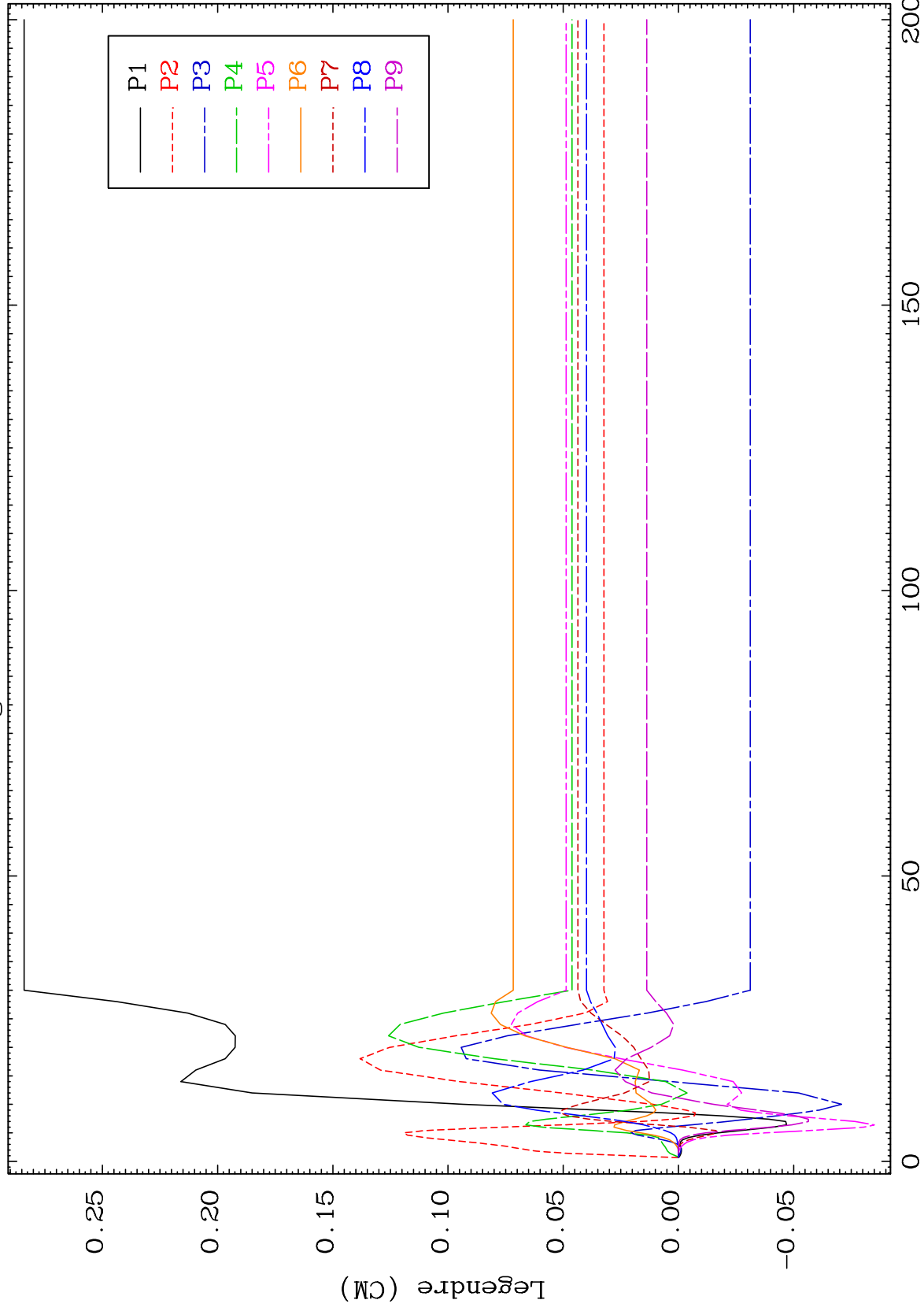
55-Cs-140



MAT 5546

653.4 keV (n,n') Level
Legendre Coefficients

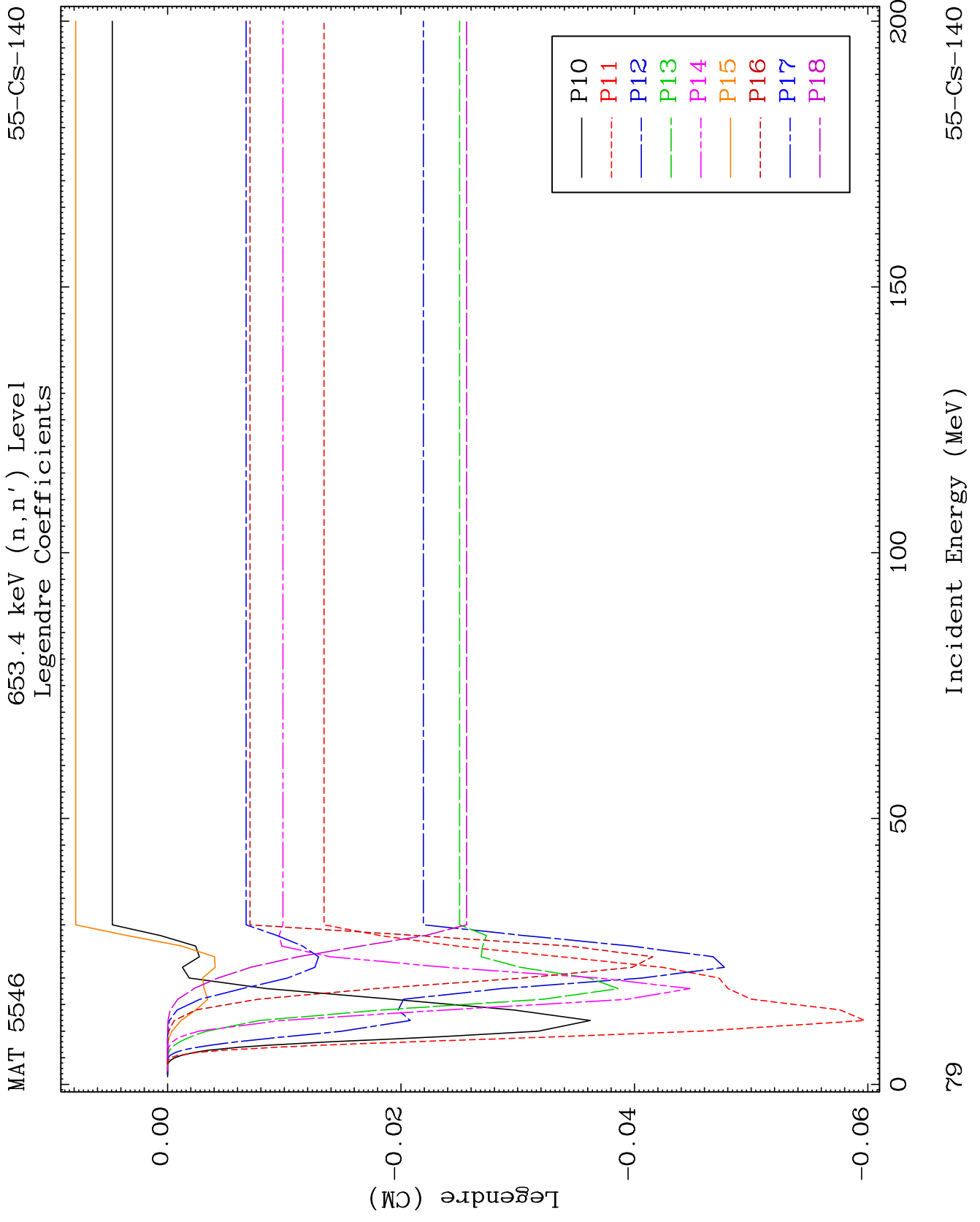
55-Cs-140

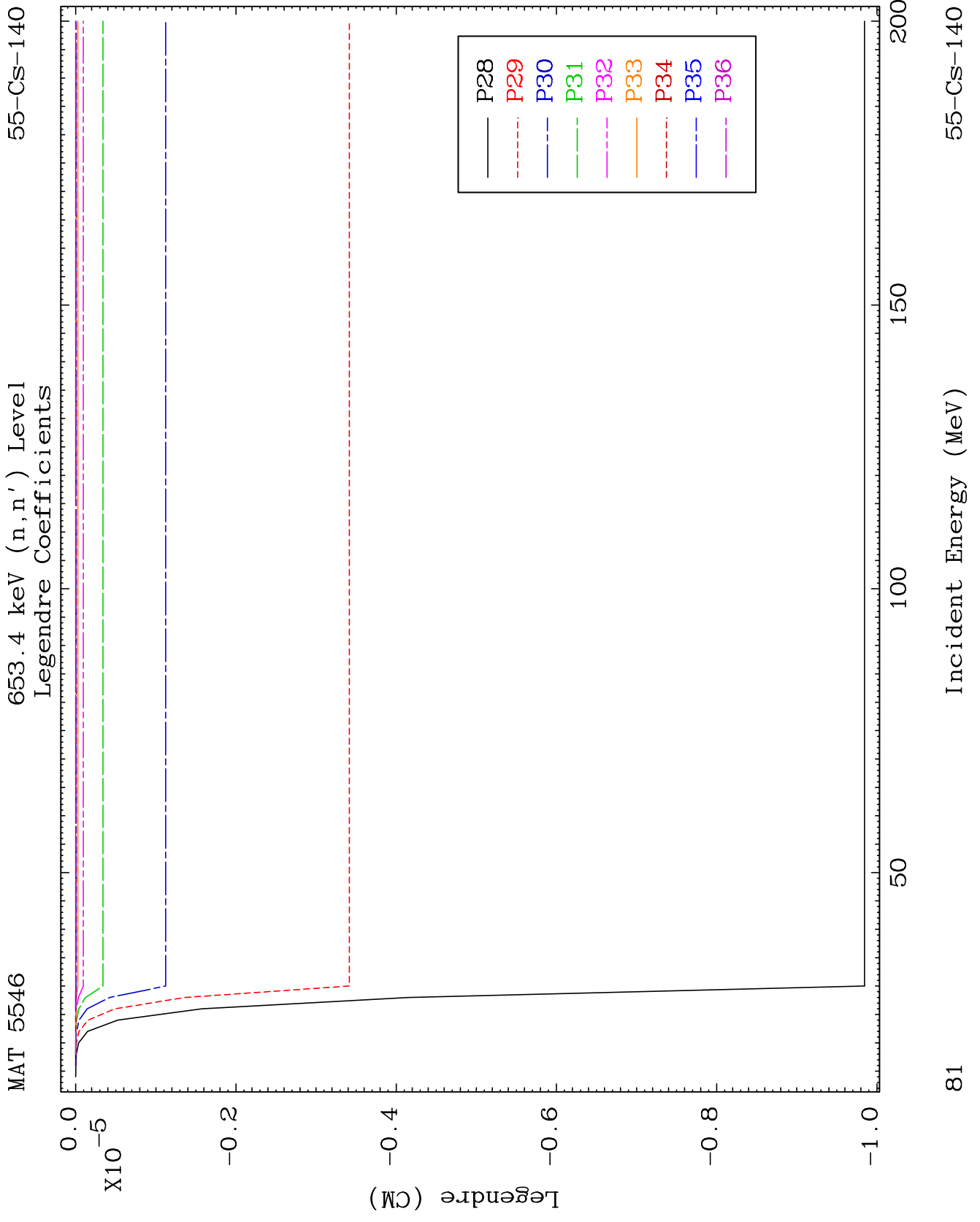


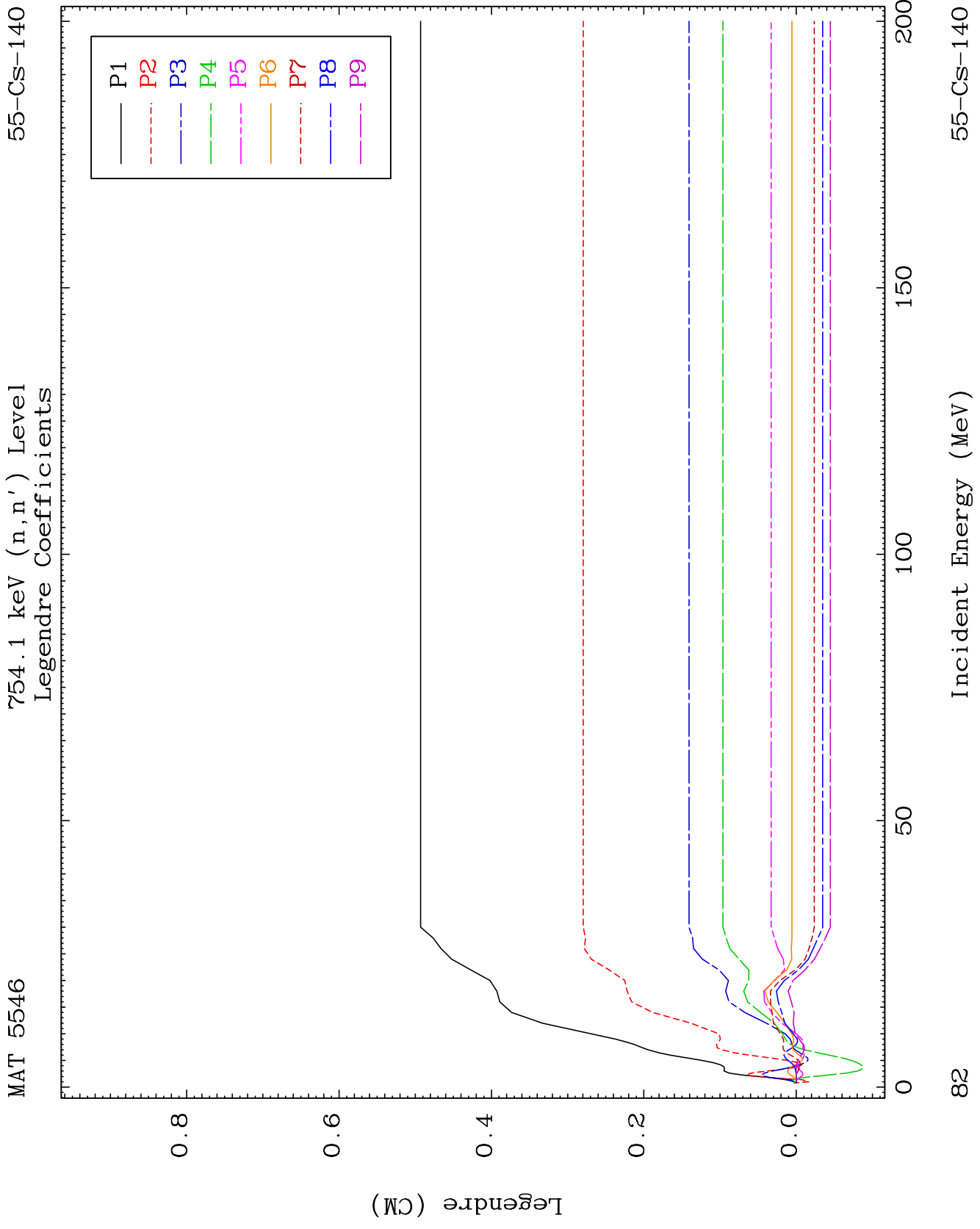
78

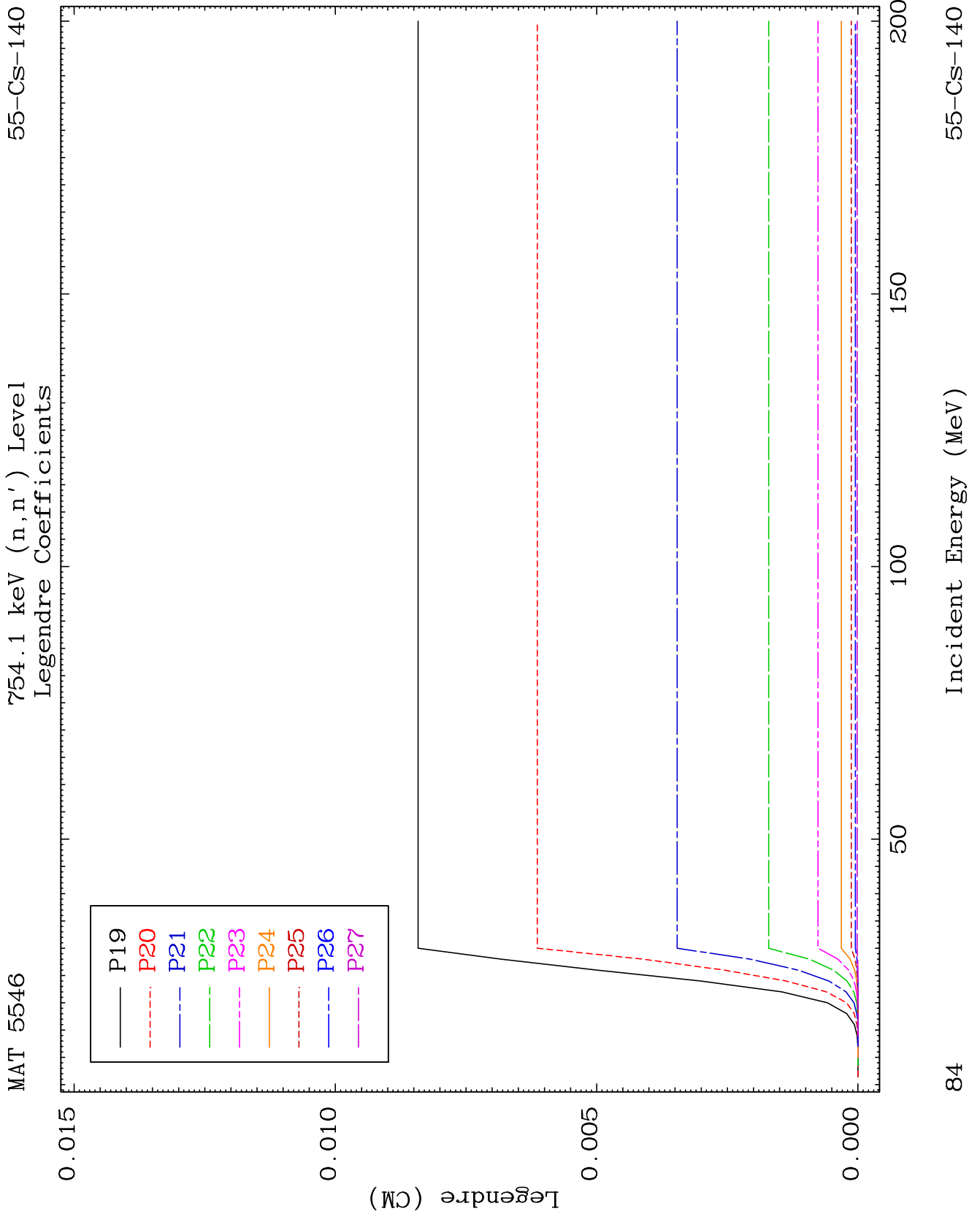
Incident Energy (MeV)

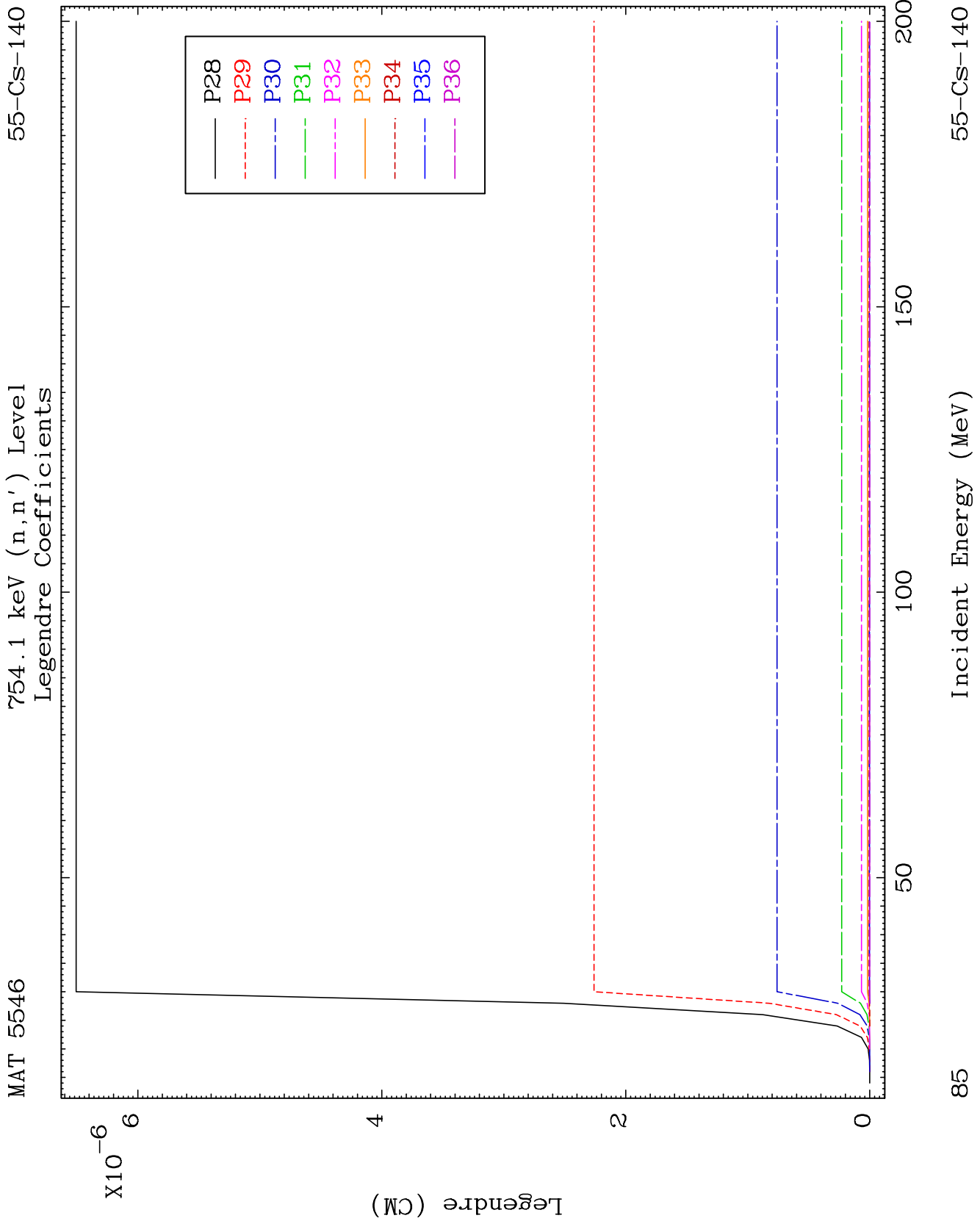
55-Cs-140







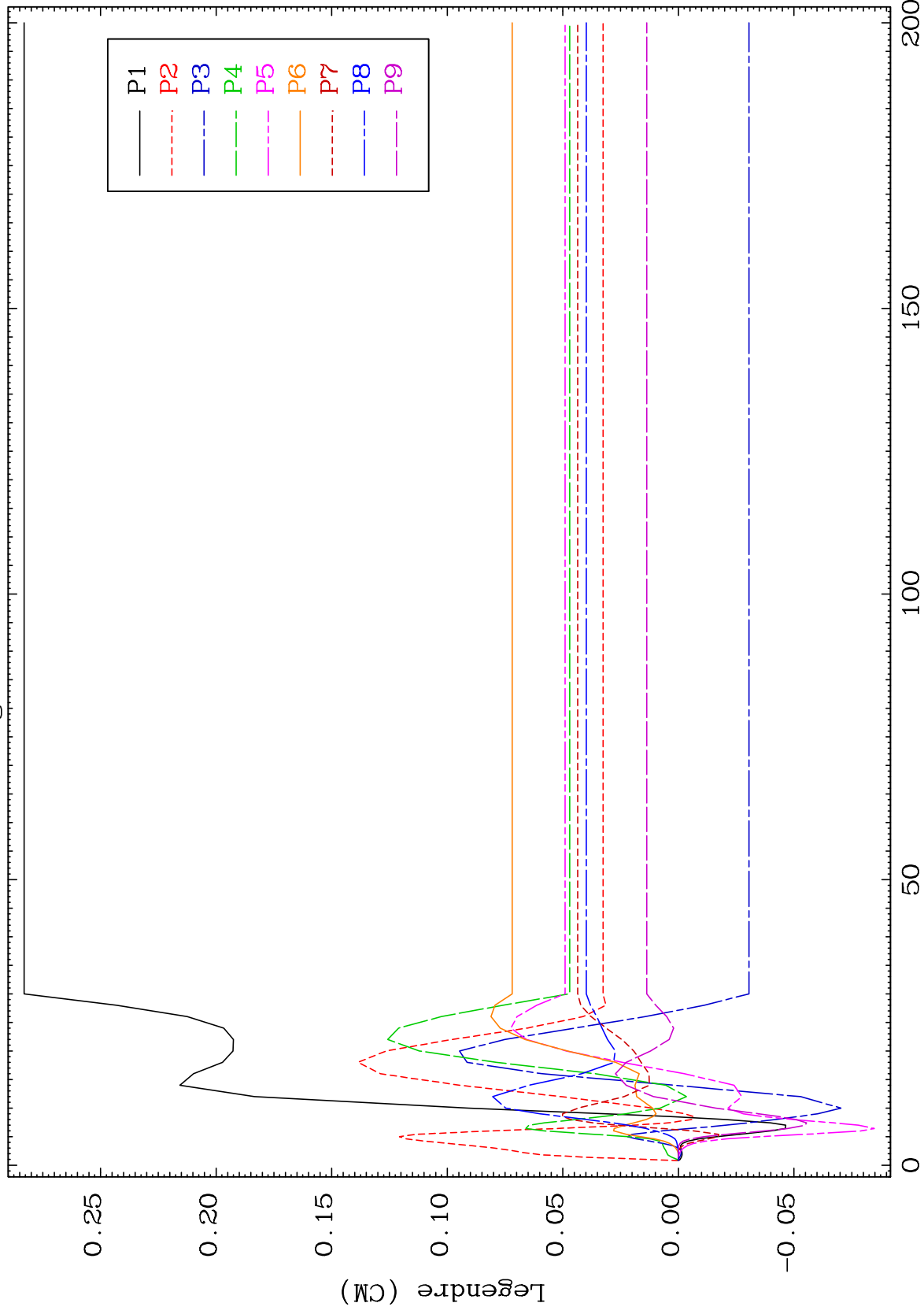




MAT 5546

774.1 keV (n,n') Level
Legendre Coefficients

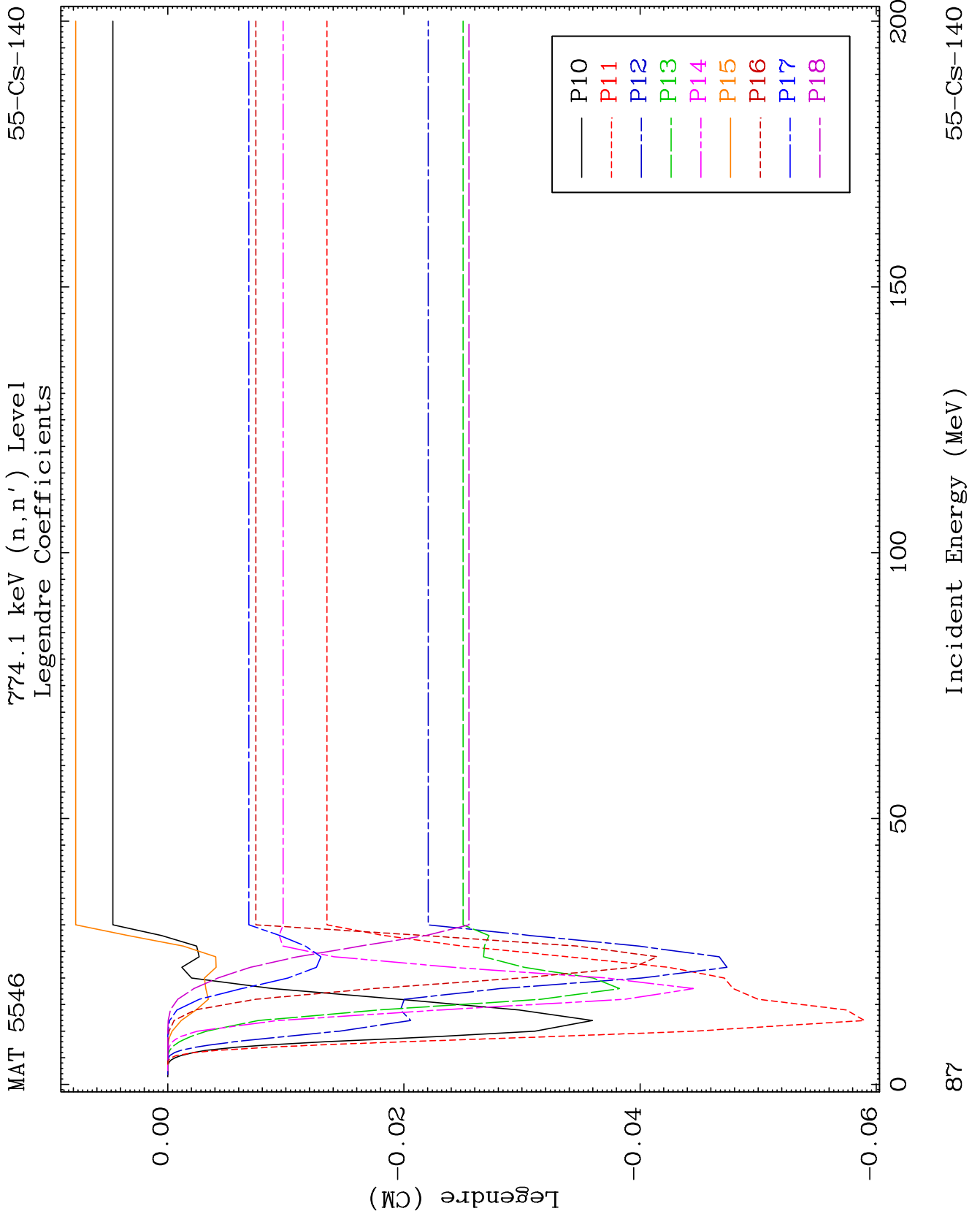
55-Cs-140

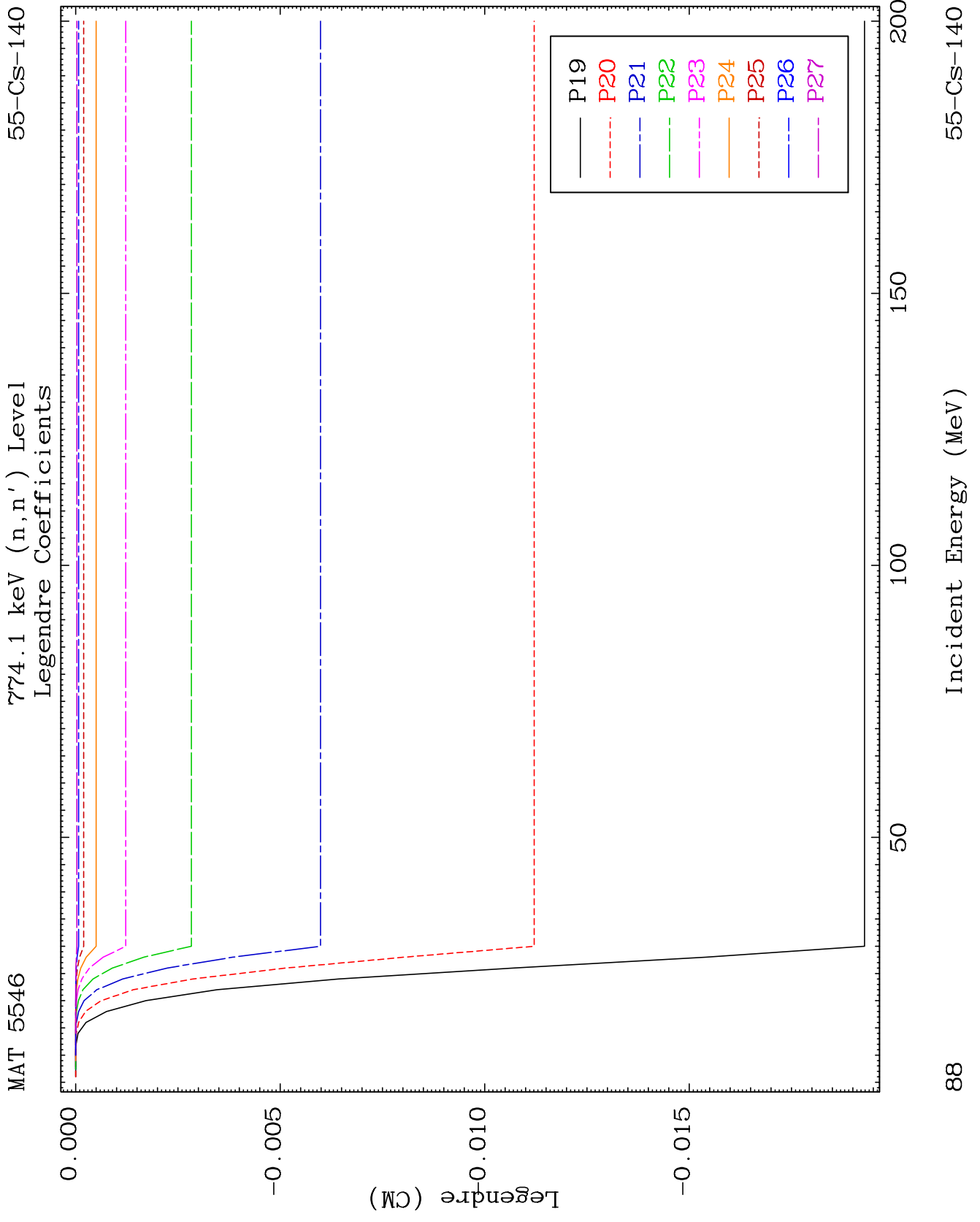


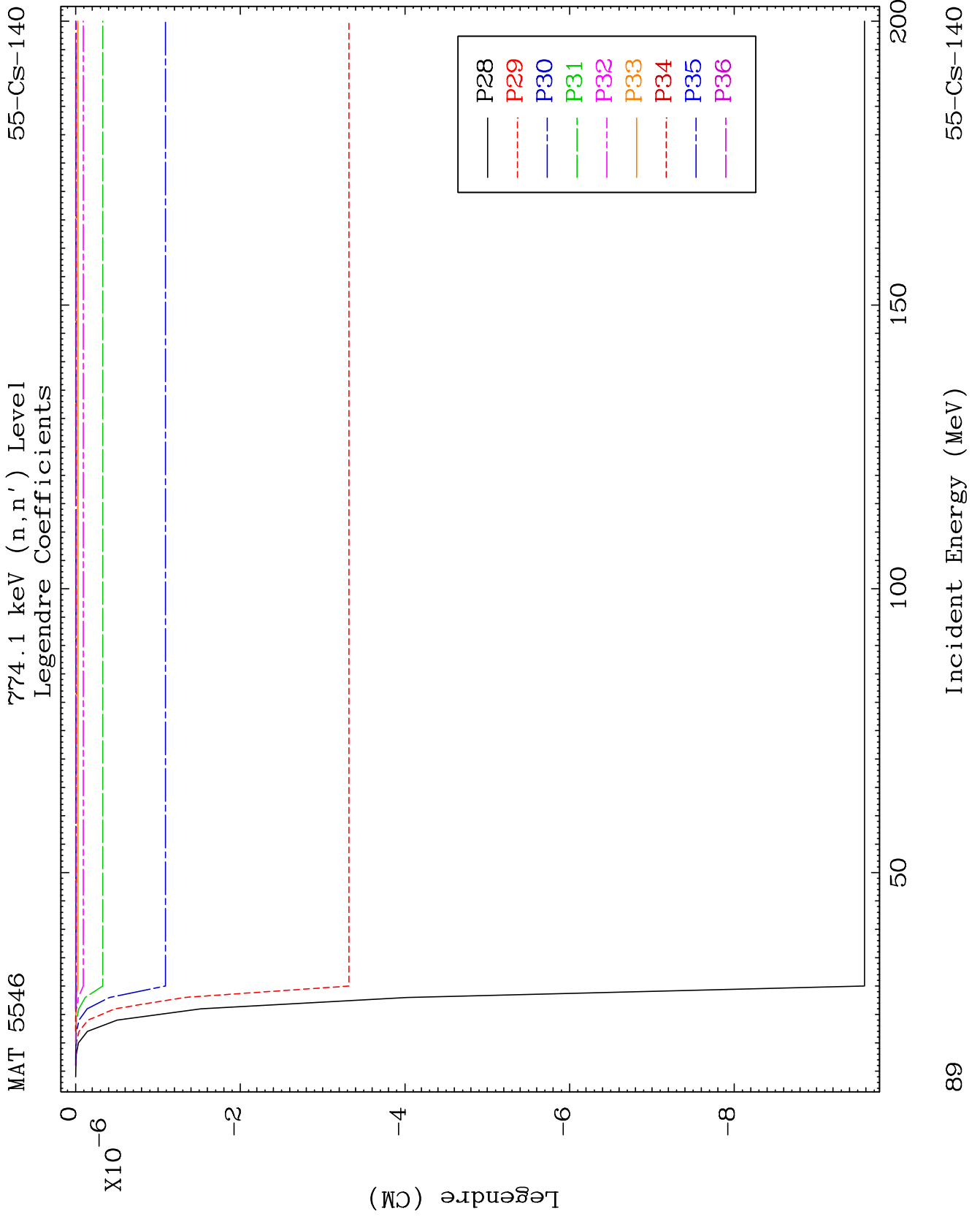
86

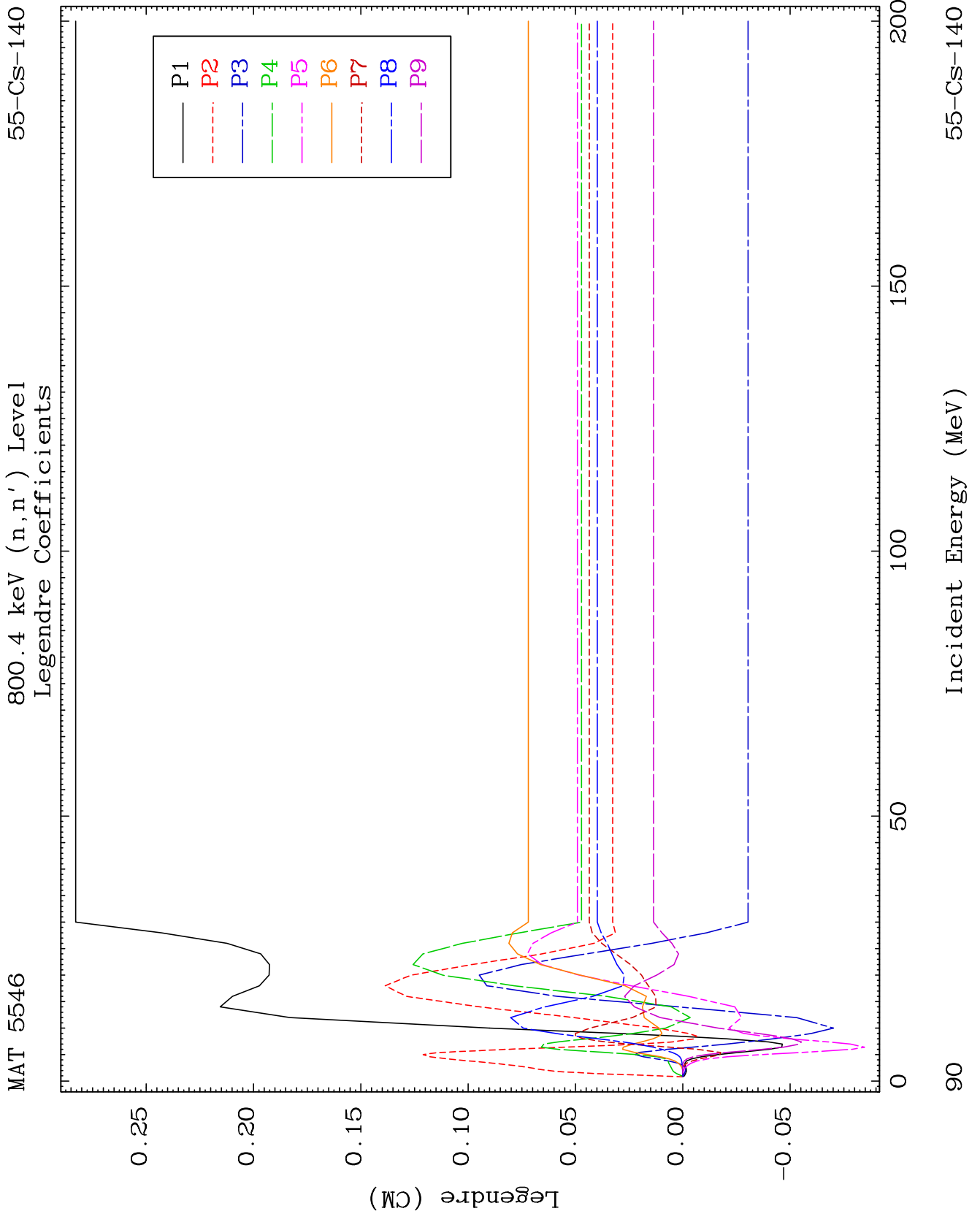
Incident Energy (MeV)

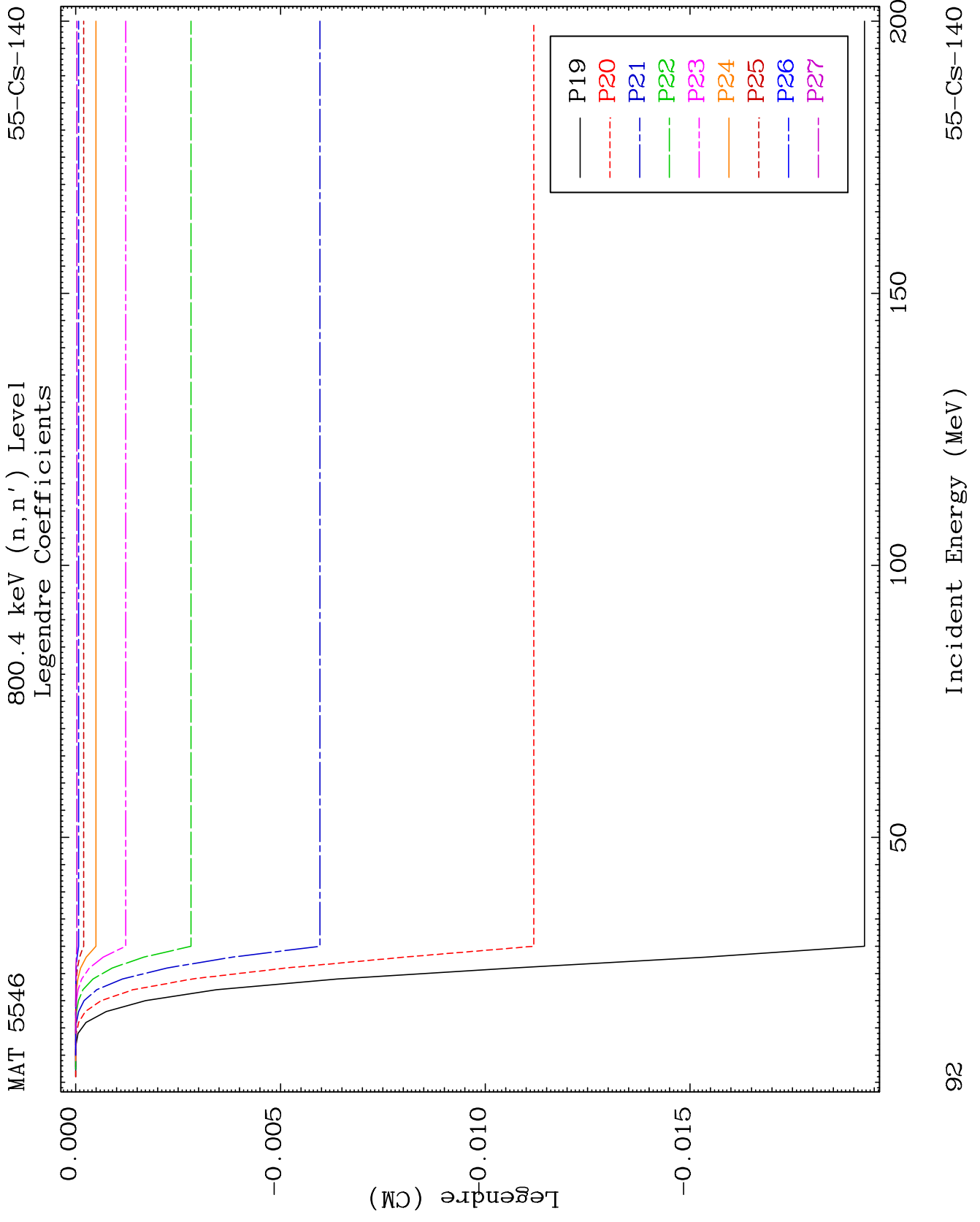
55-Cs-140

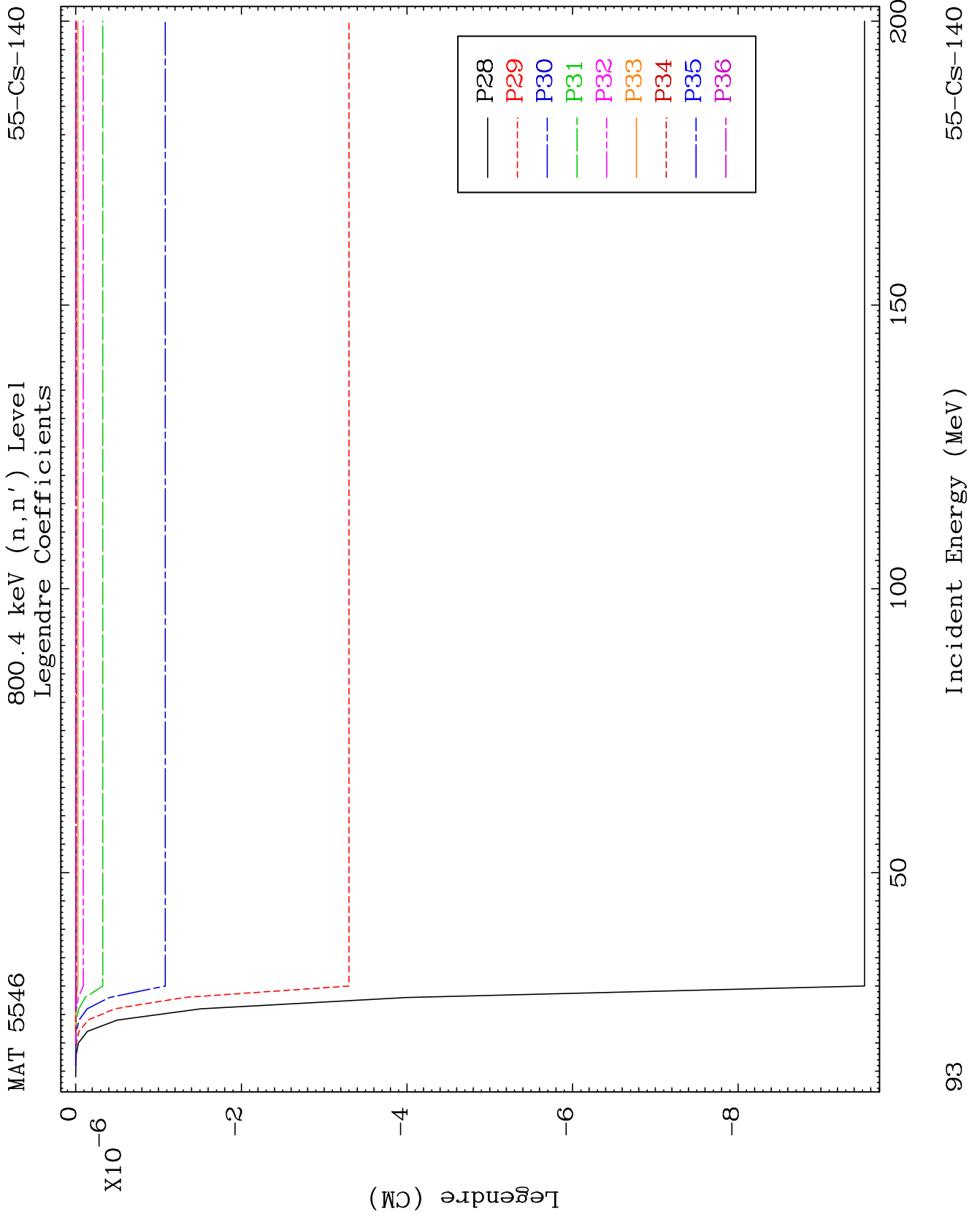


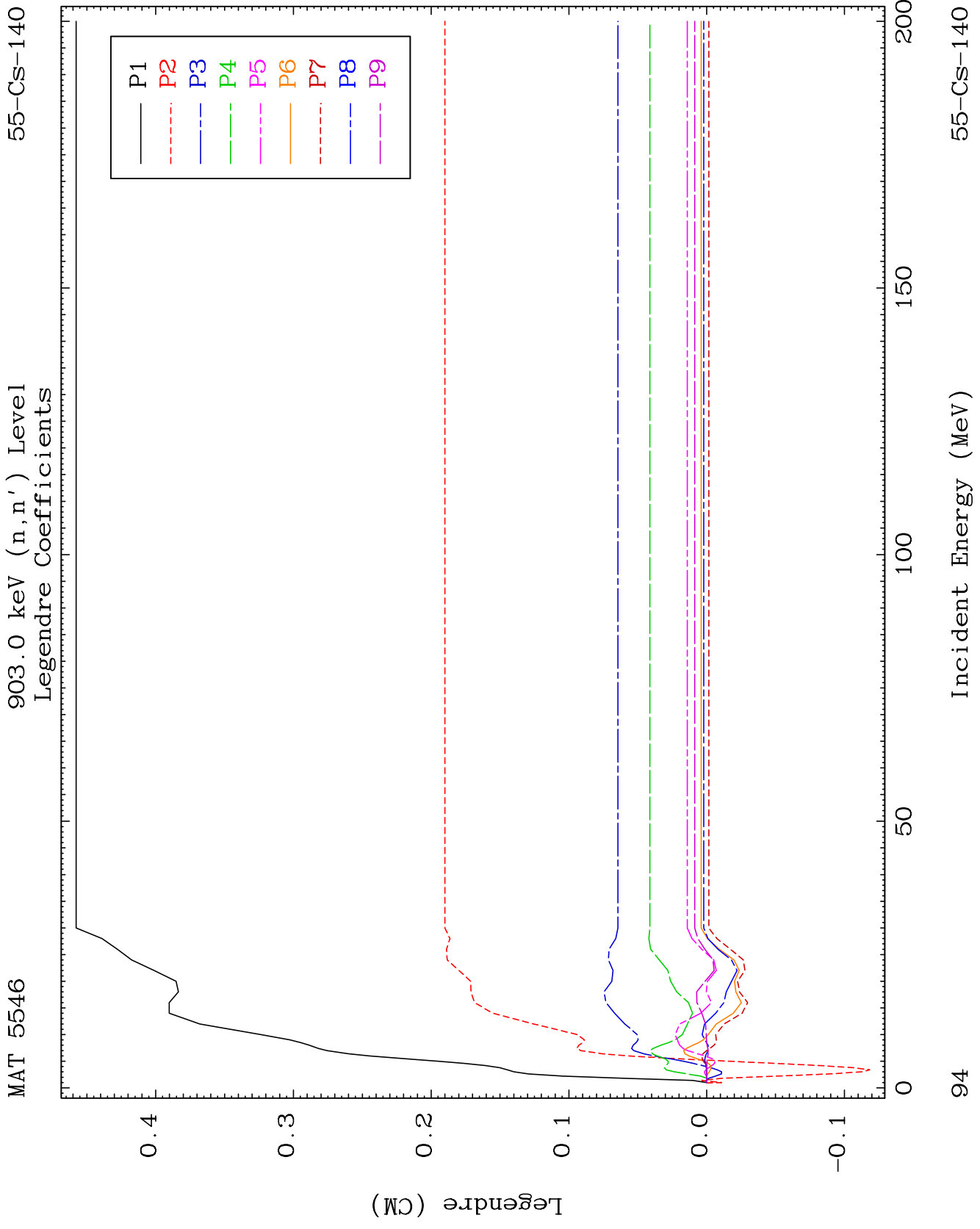


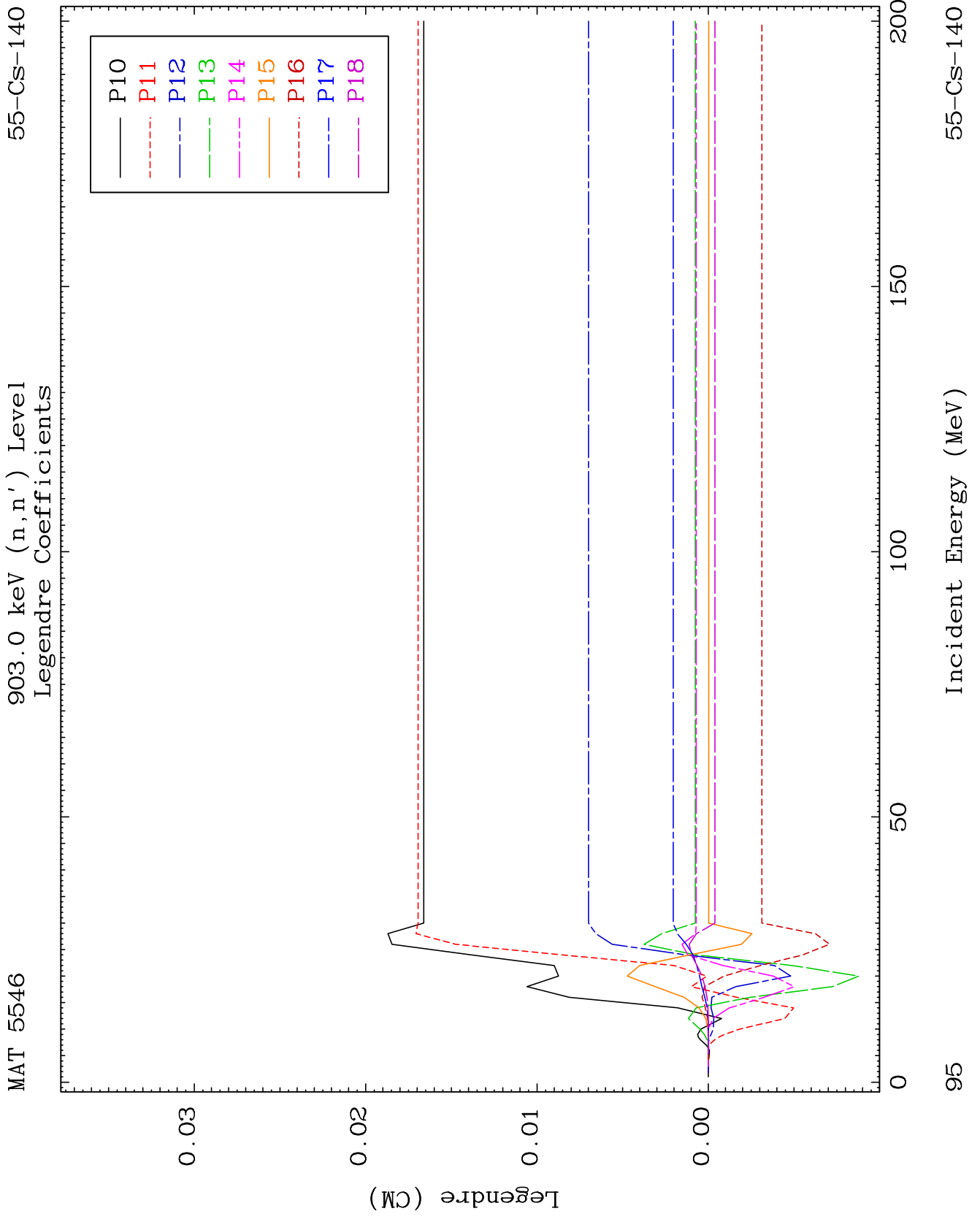








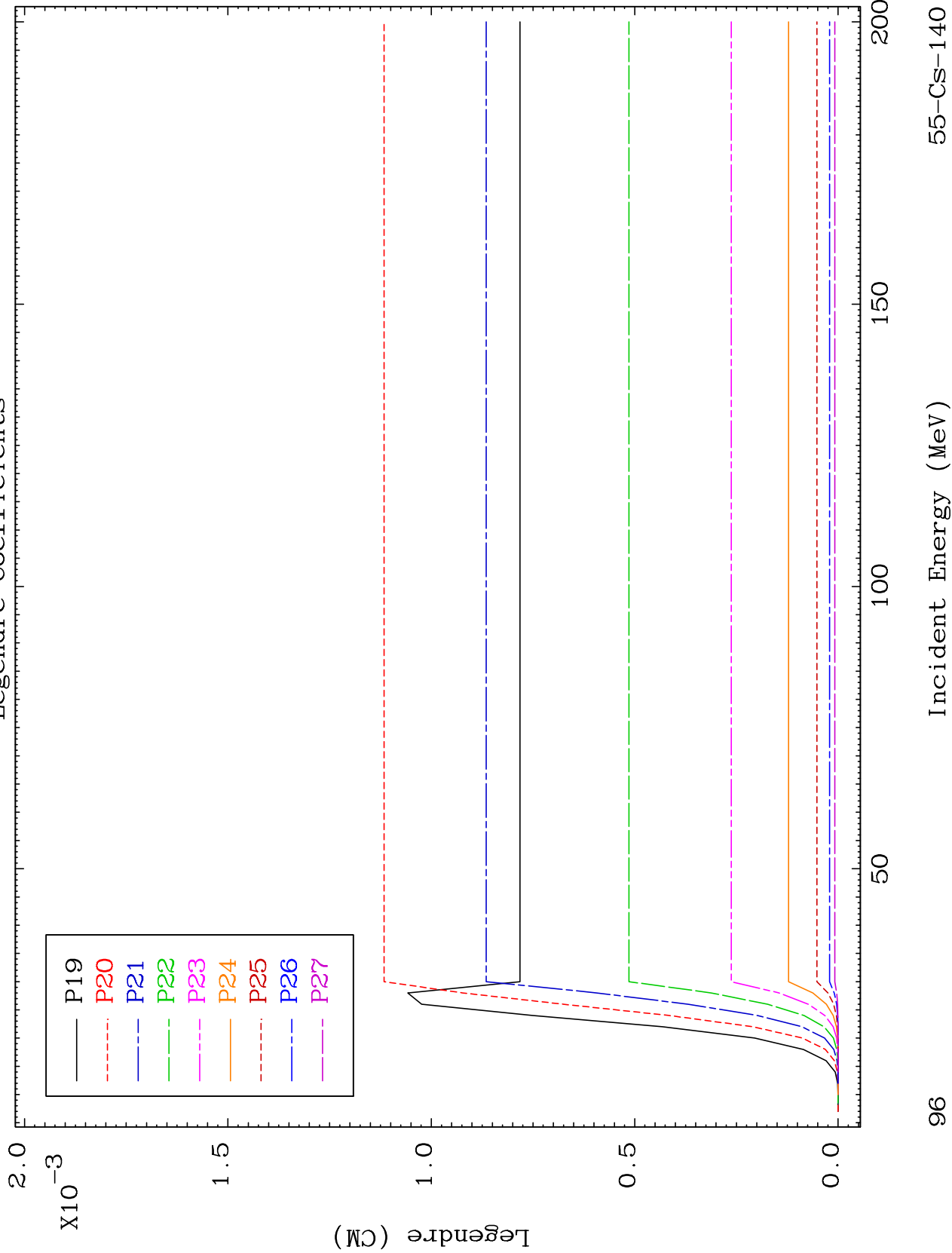




MAT 5546

903.0 keV (n,n') Level
Legendre Coefficients

55-Cs-140



96

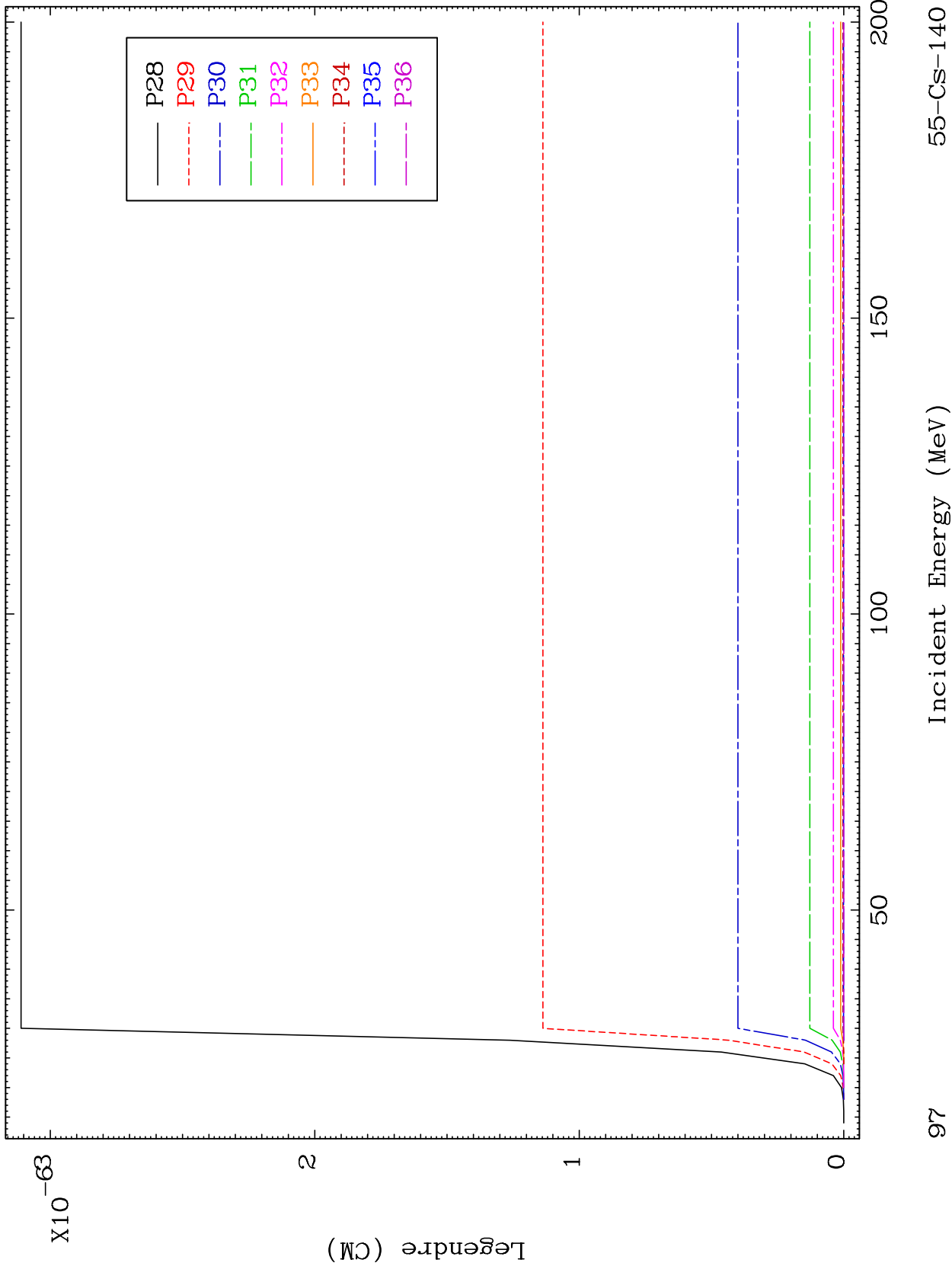
Incident Energy (MeV)

55-Cs-140

MAT 5546

903.0 keV (n,n') Level
Legendre Coefficients

55-Cs-140



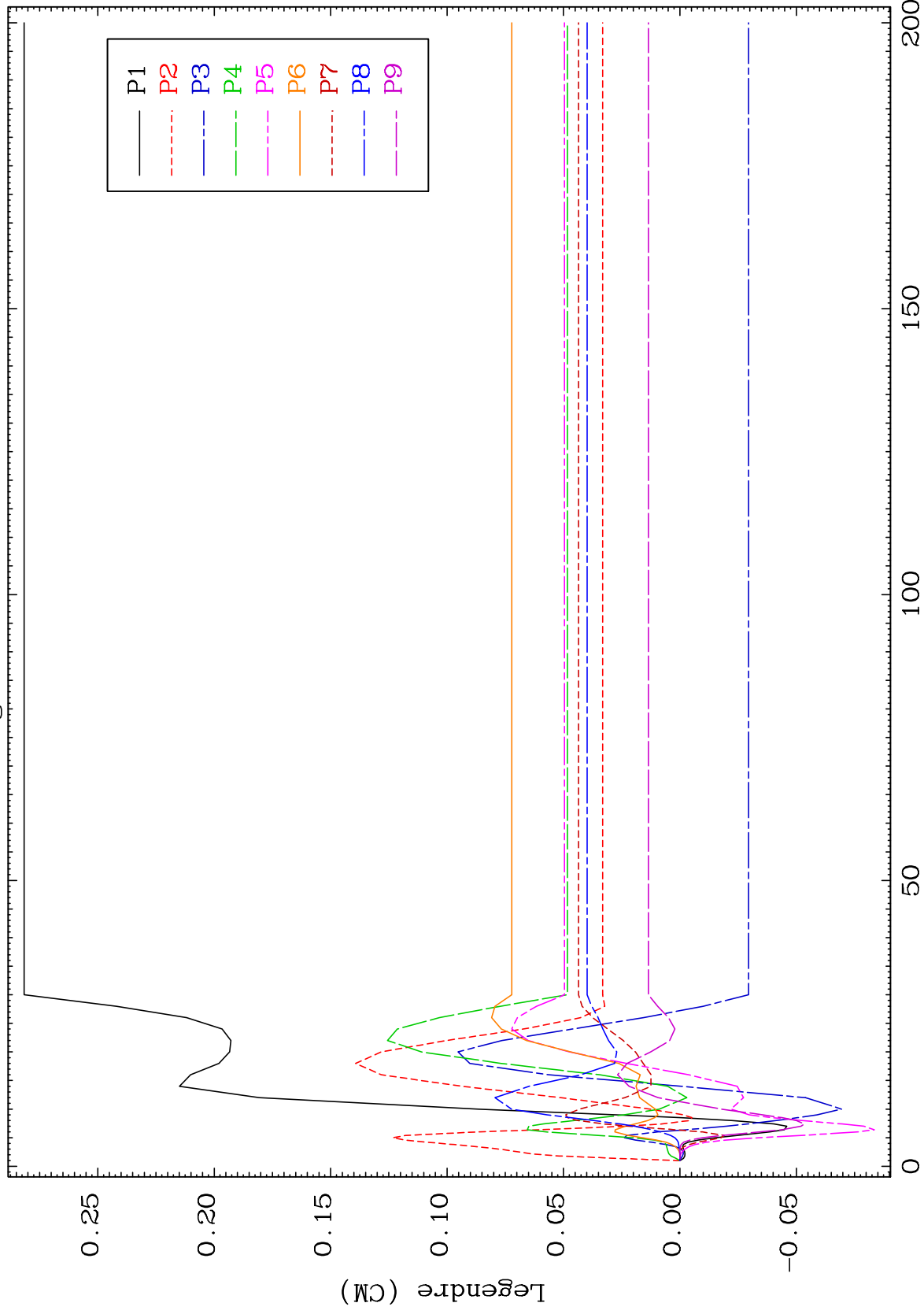
97

55-Cs-140

MAT 5546

965.8 keV (n,n') Level
Legendre Coefficients

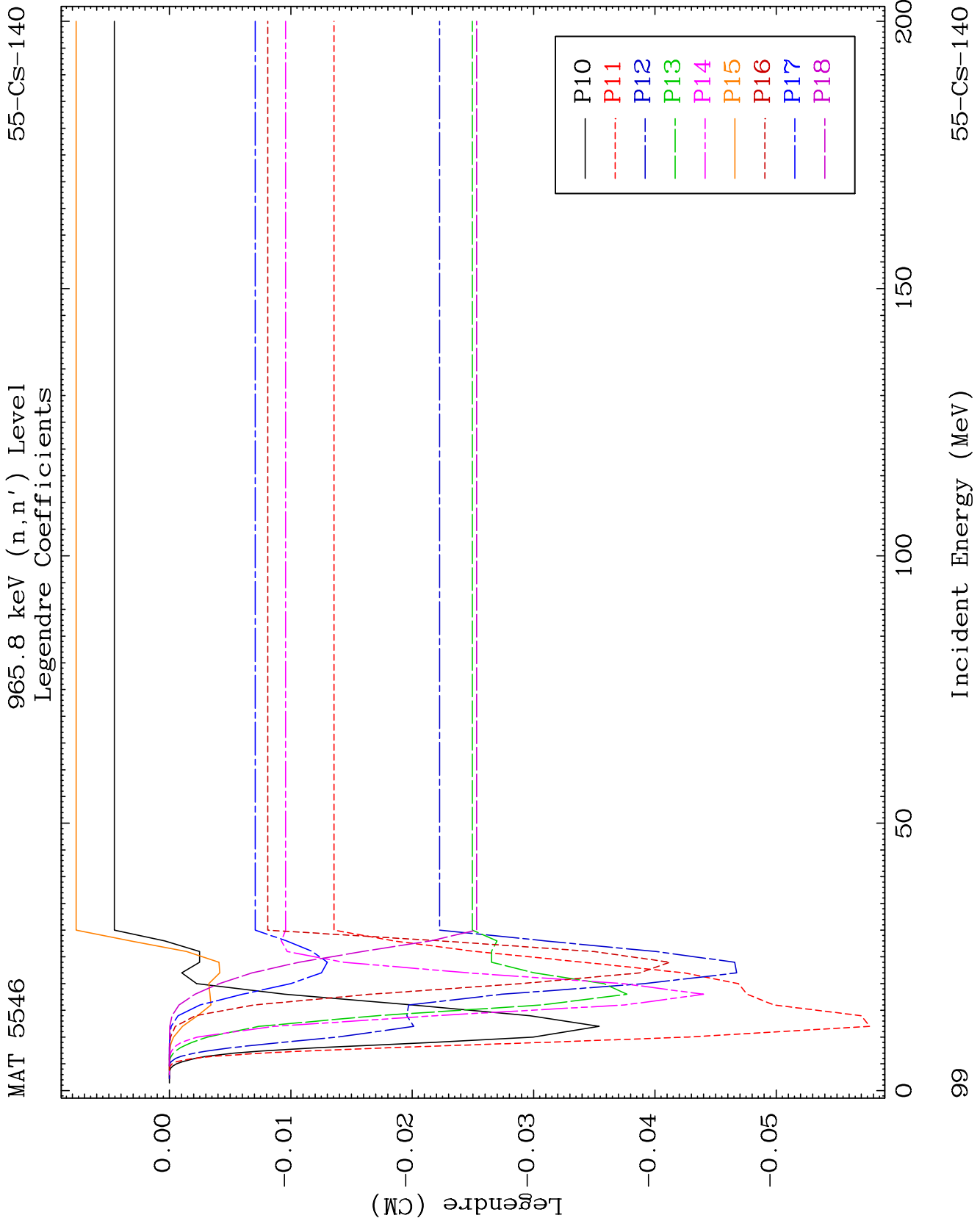
55-Cs-140

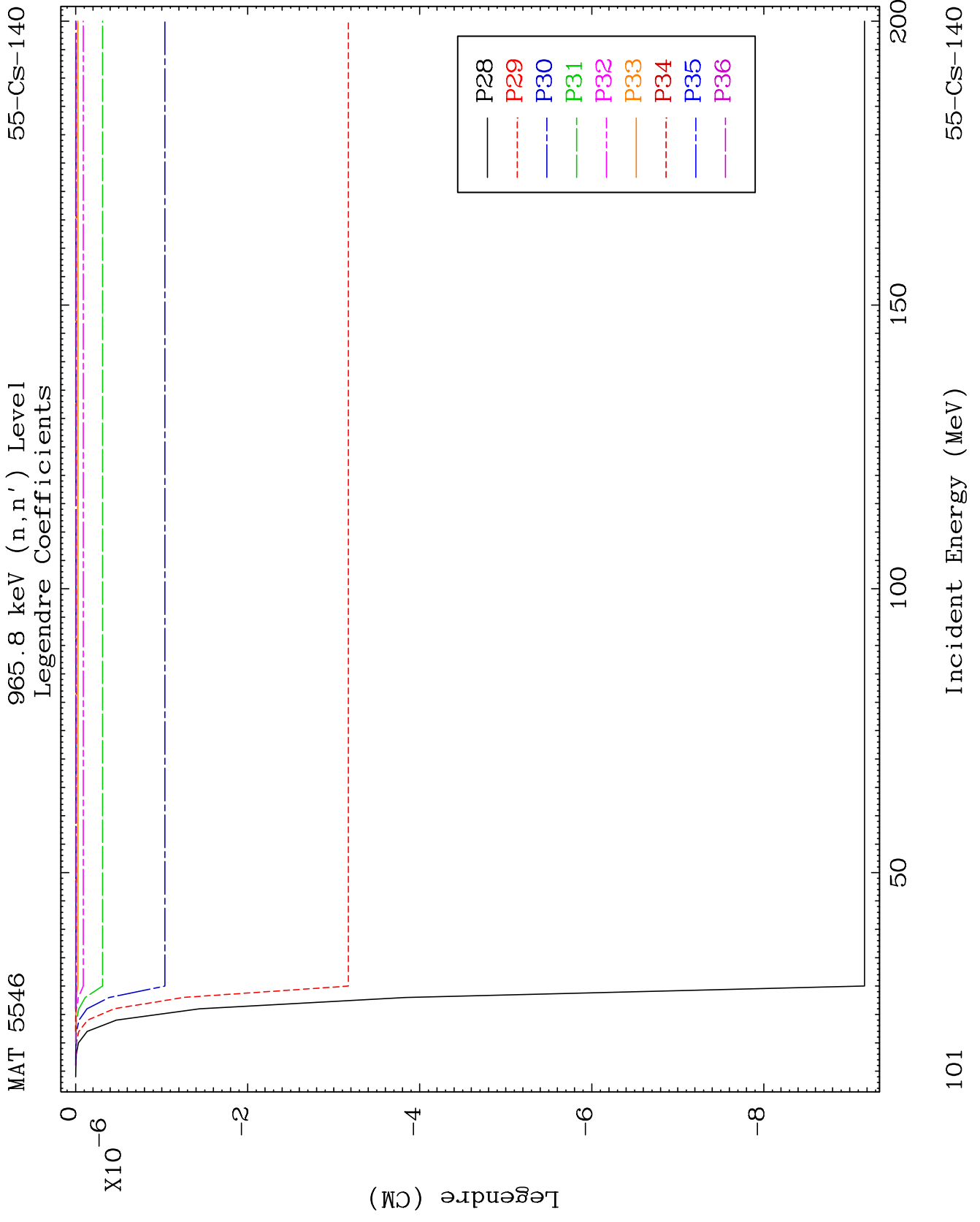


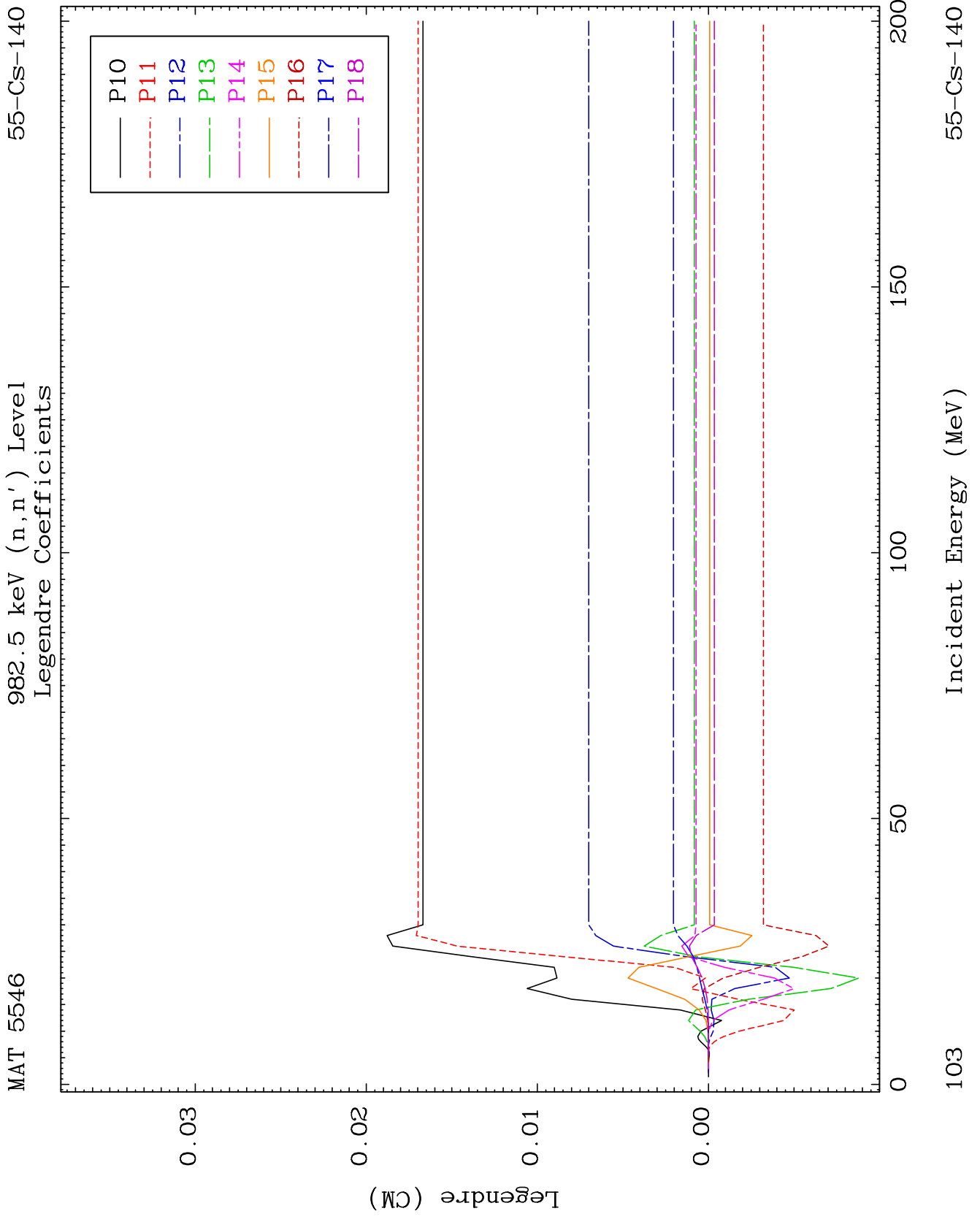
98

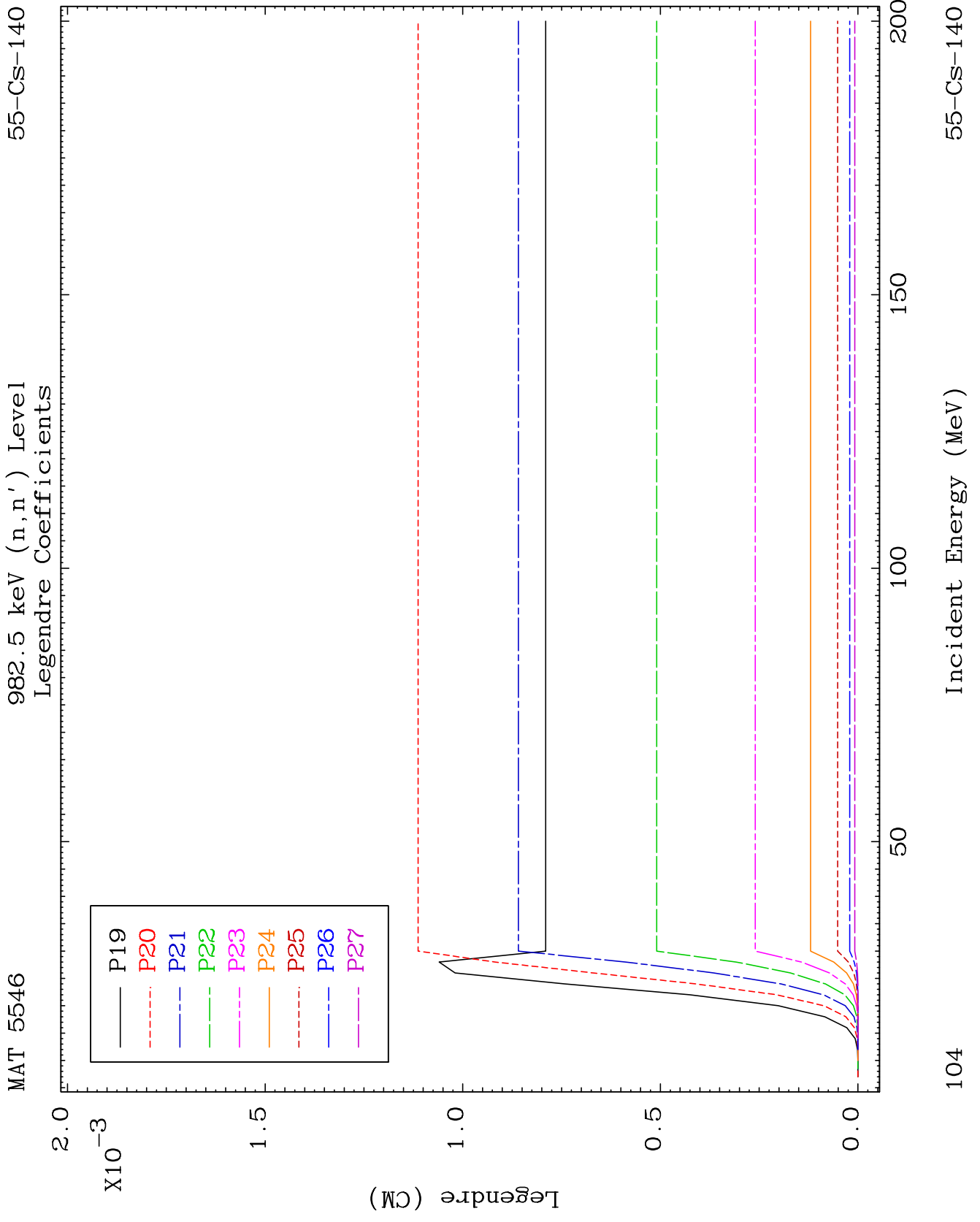
Incident Energy (MeV)

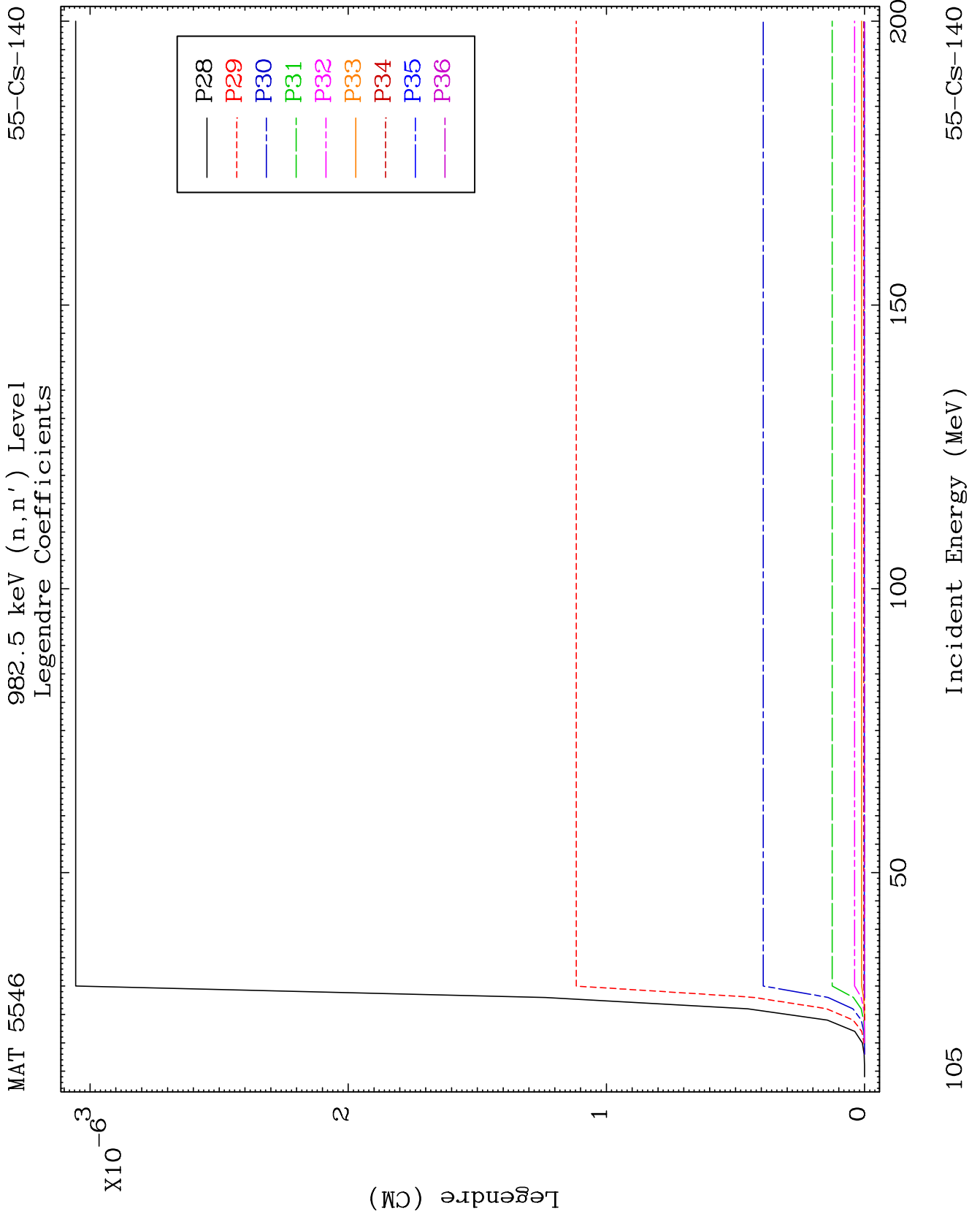
55-Cs-140

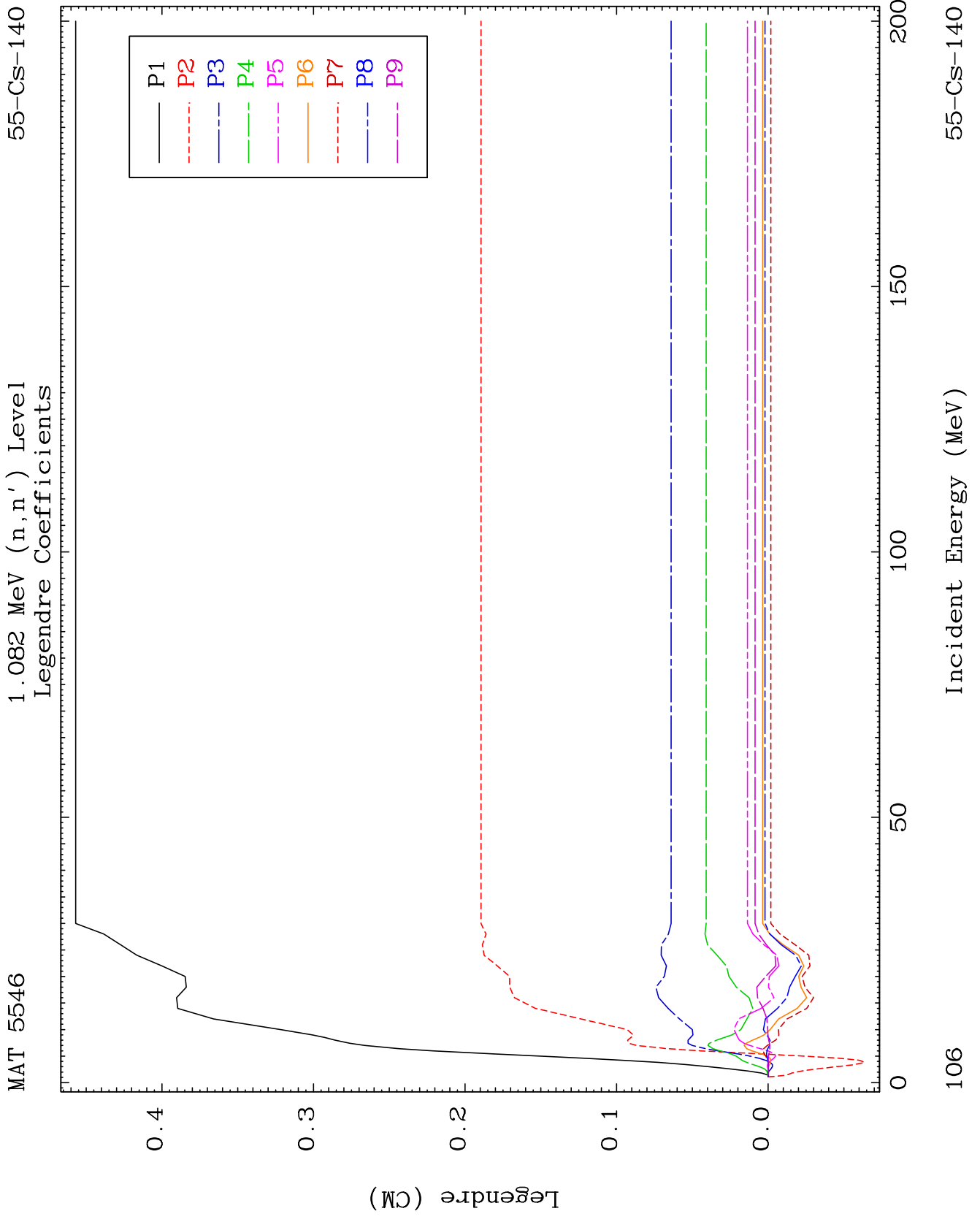


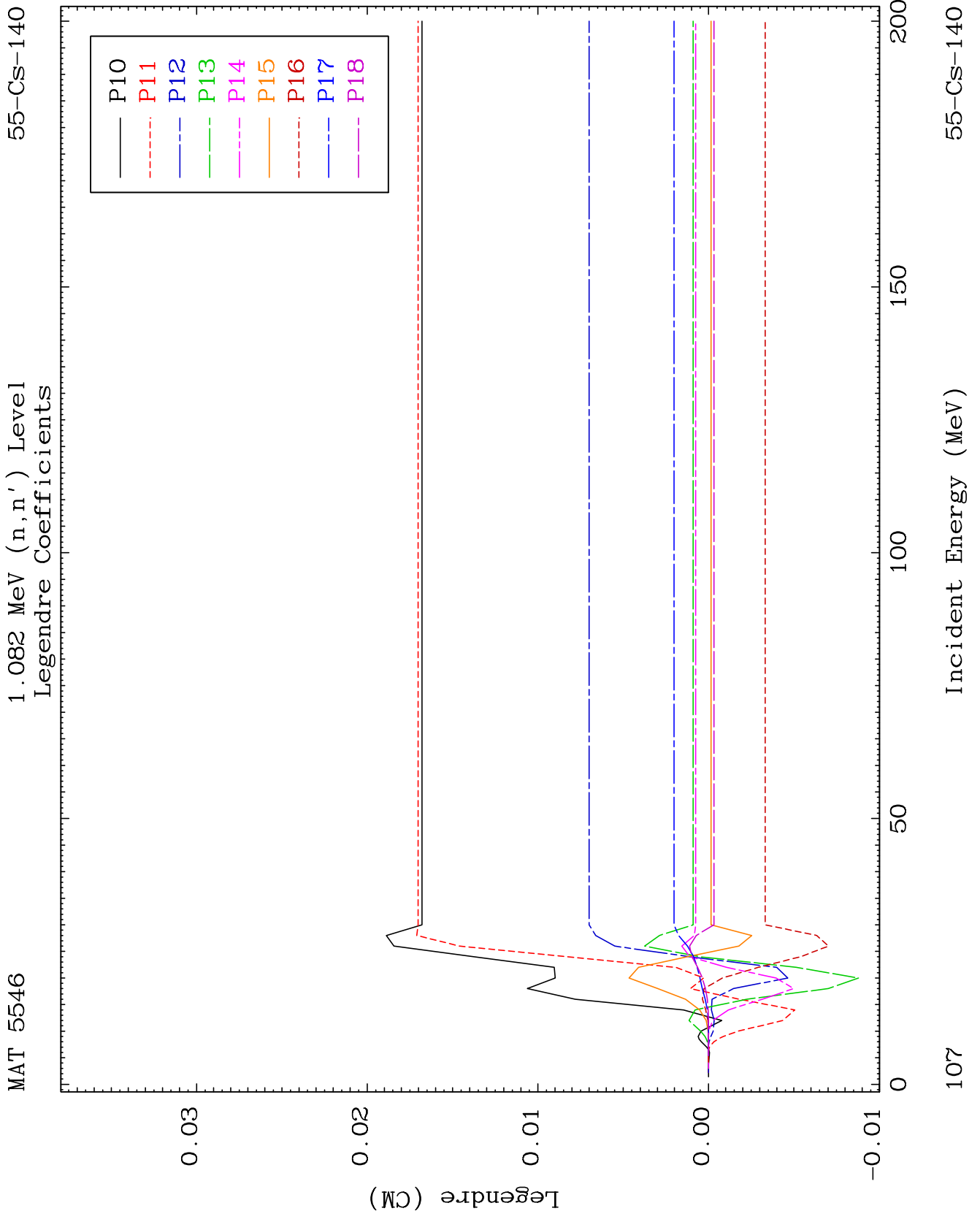


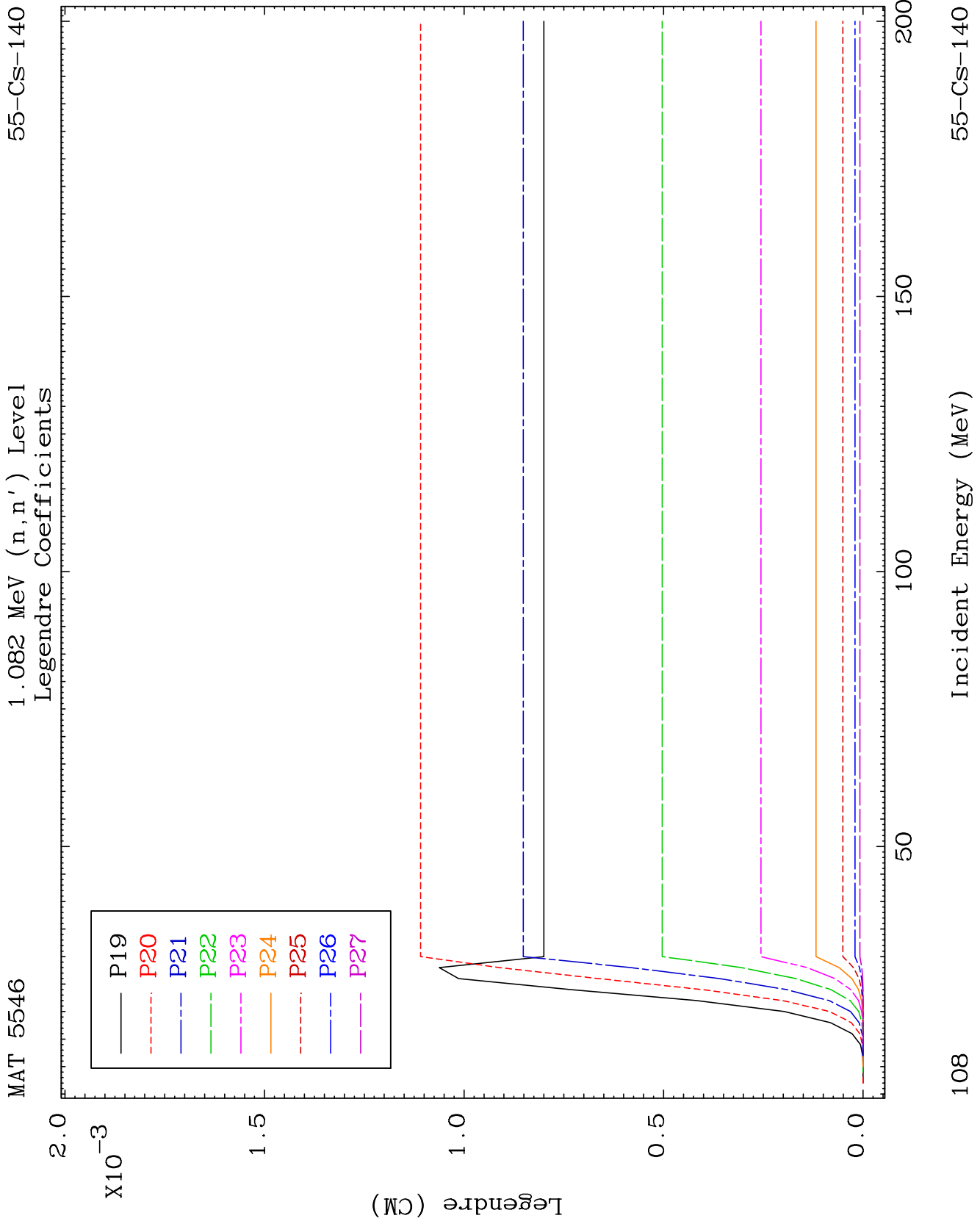


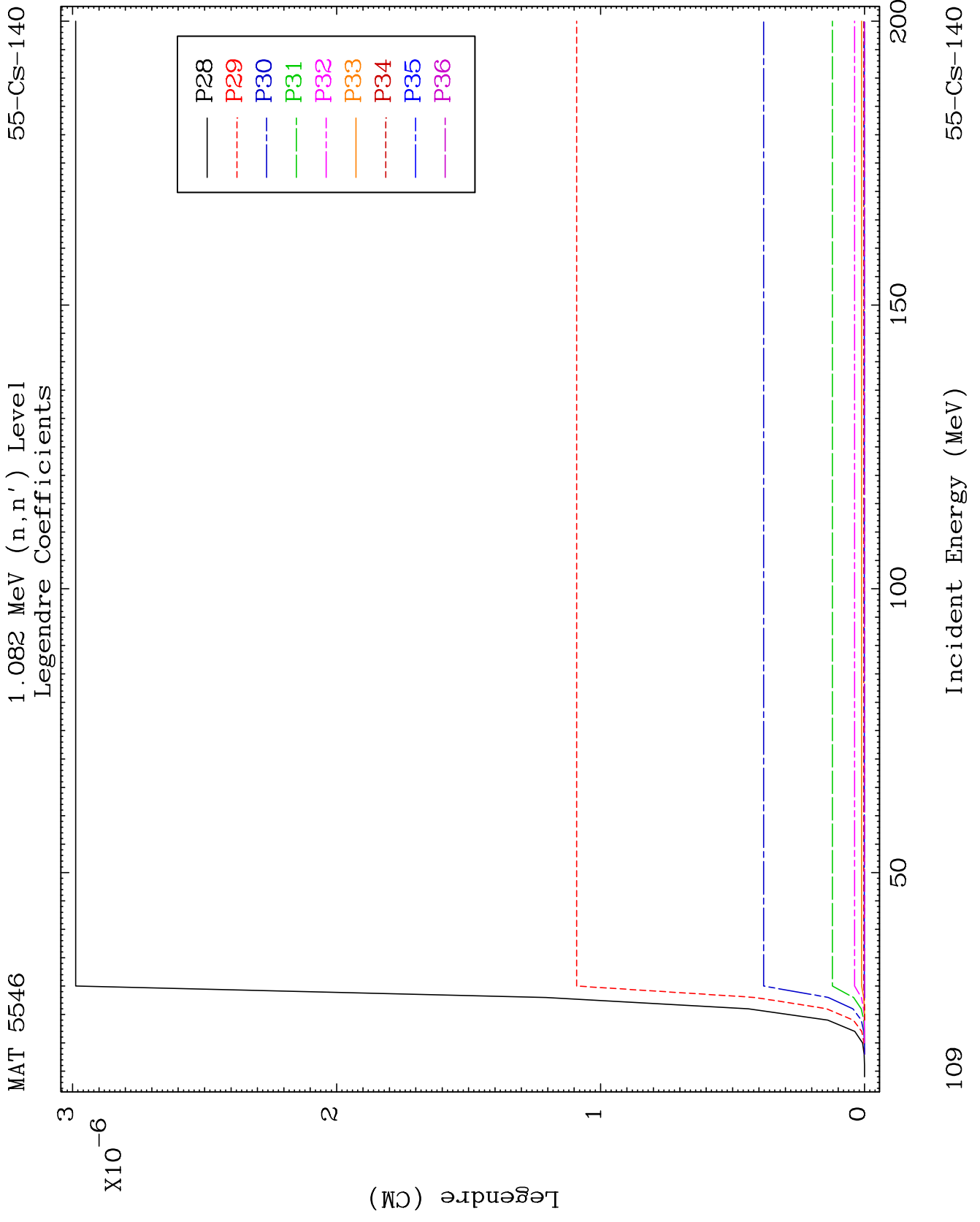


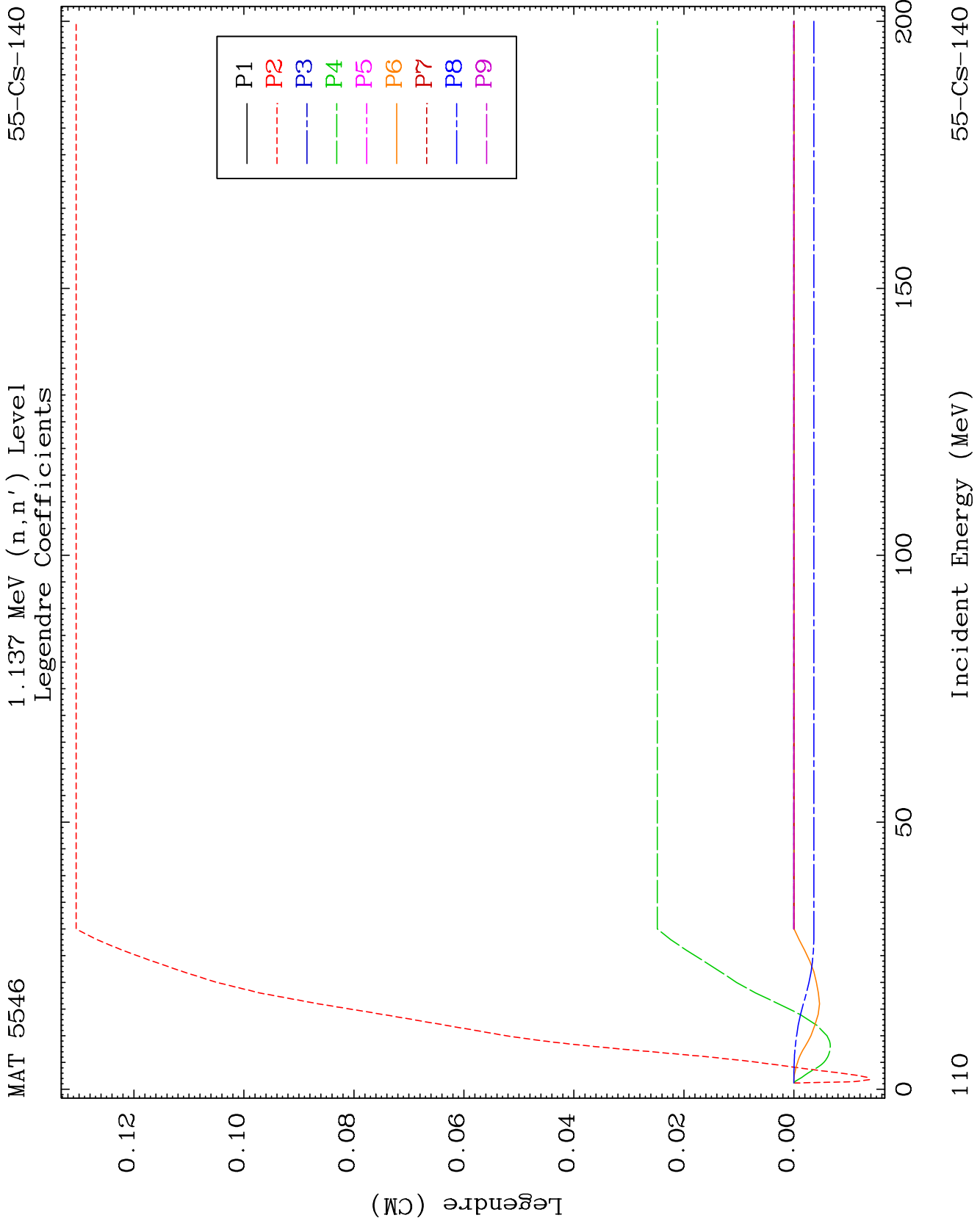


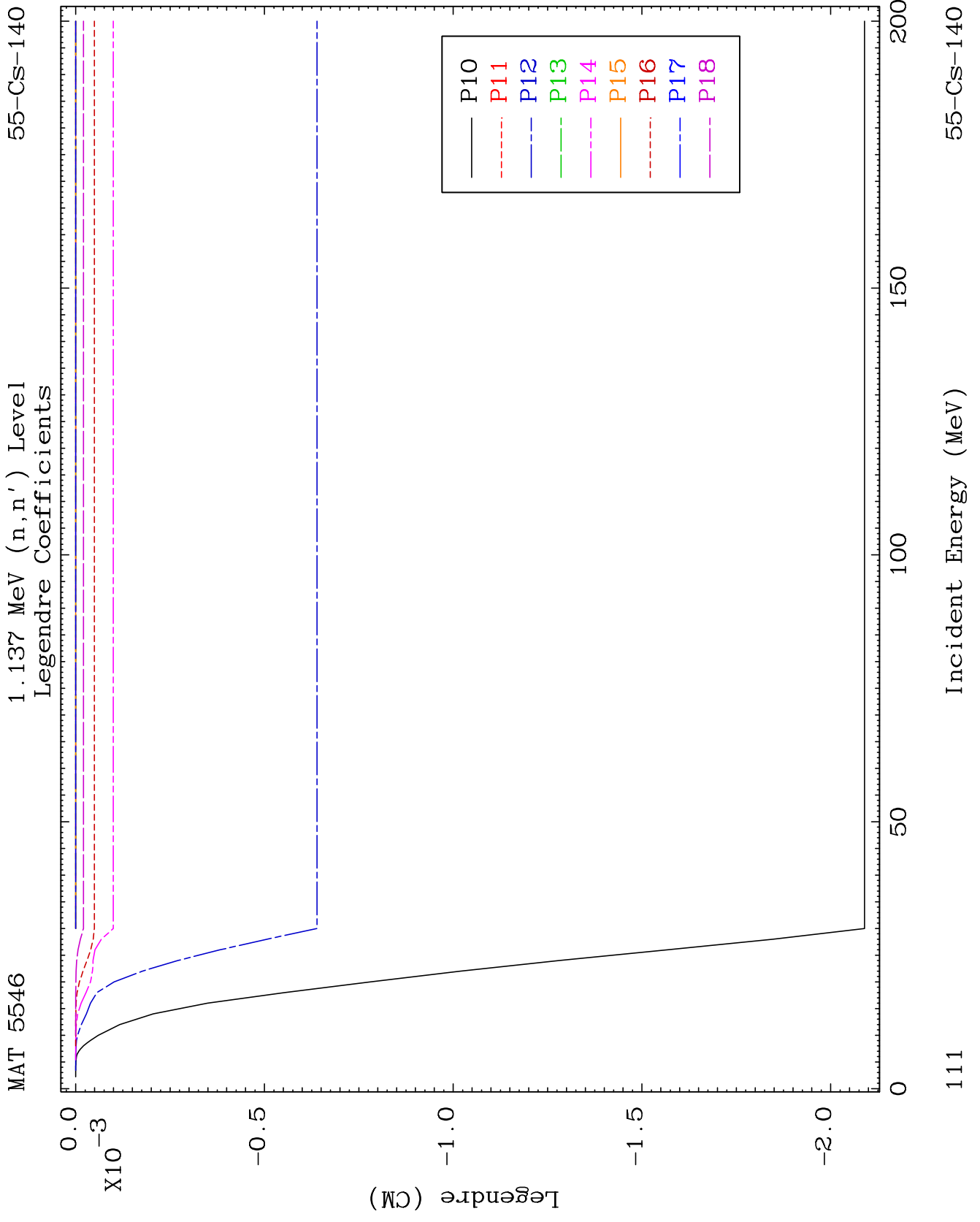


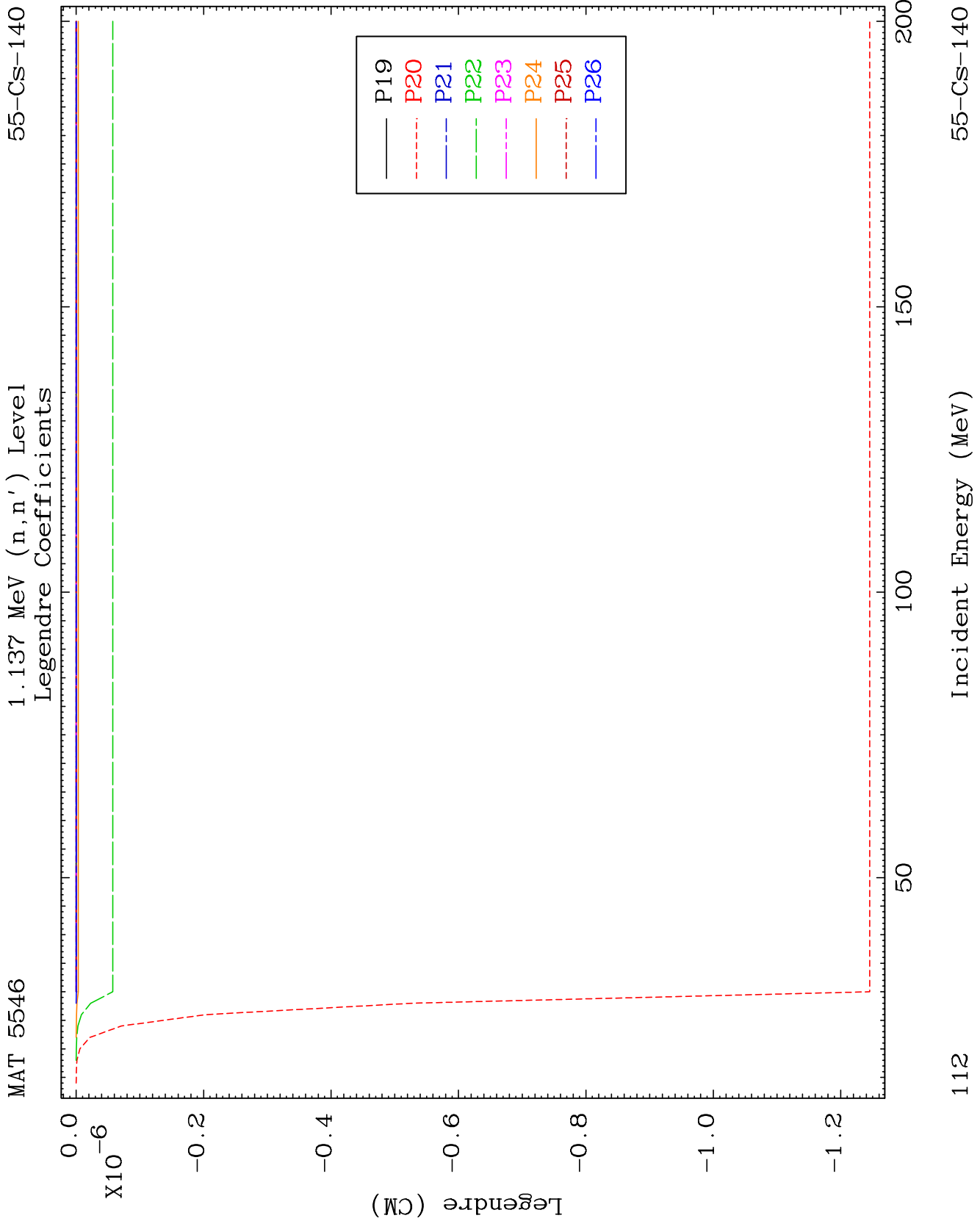








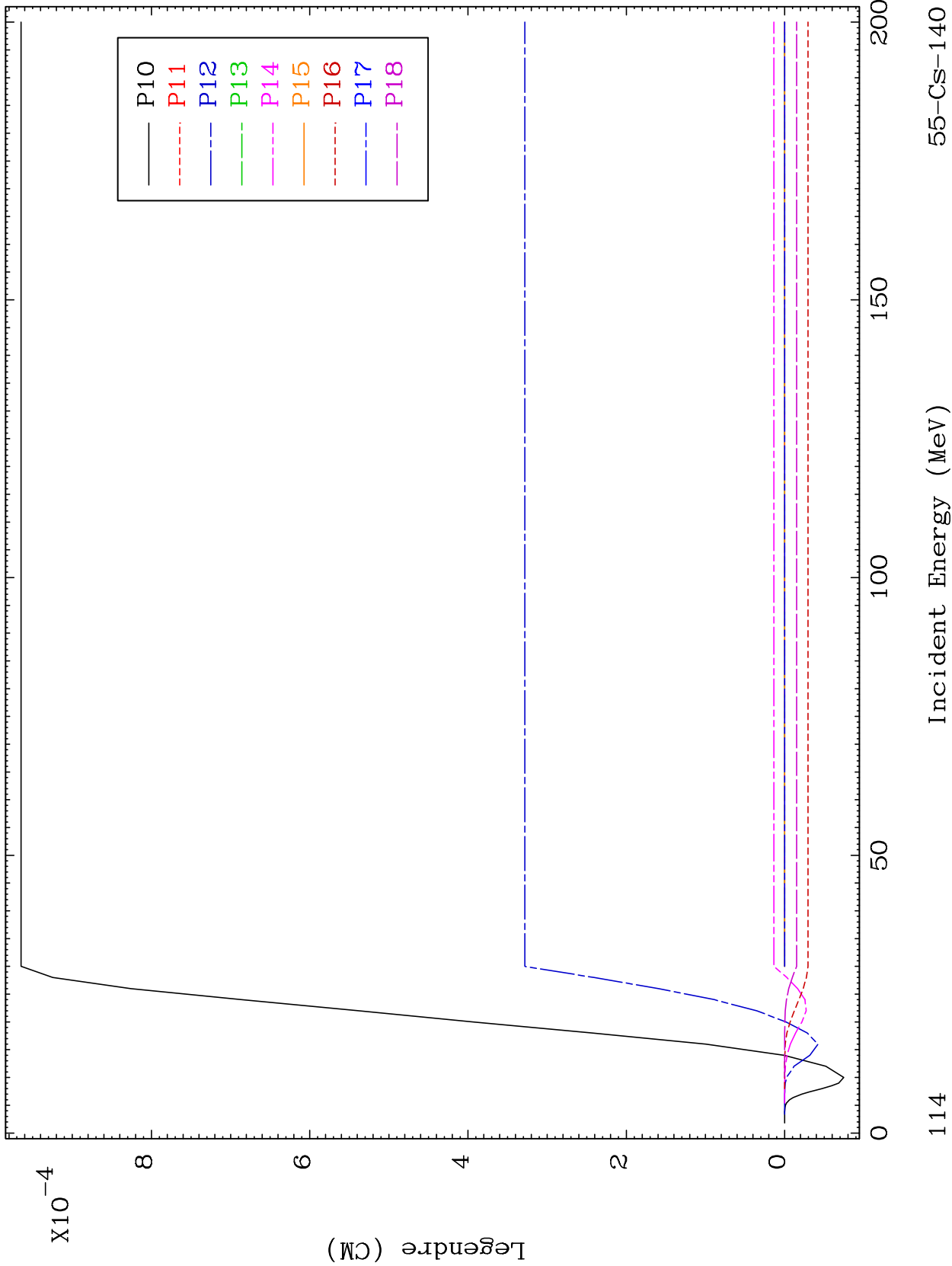




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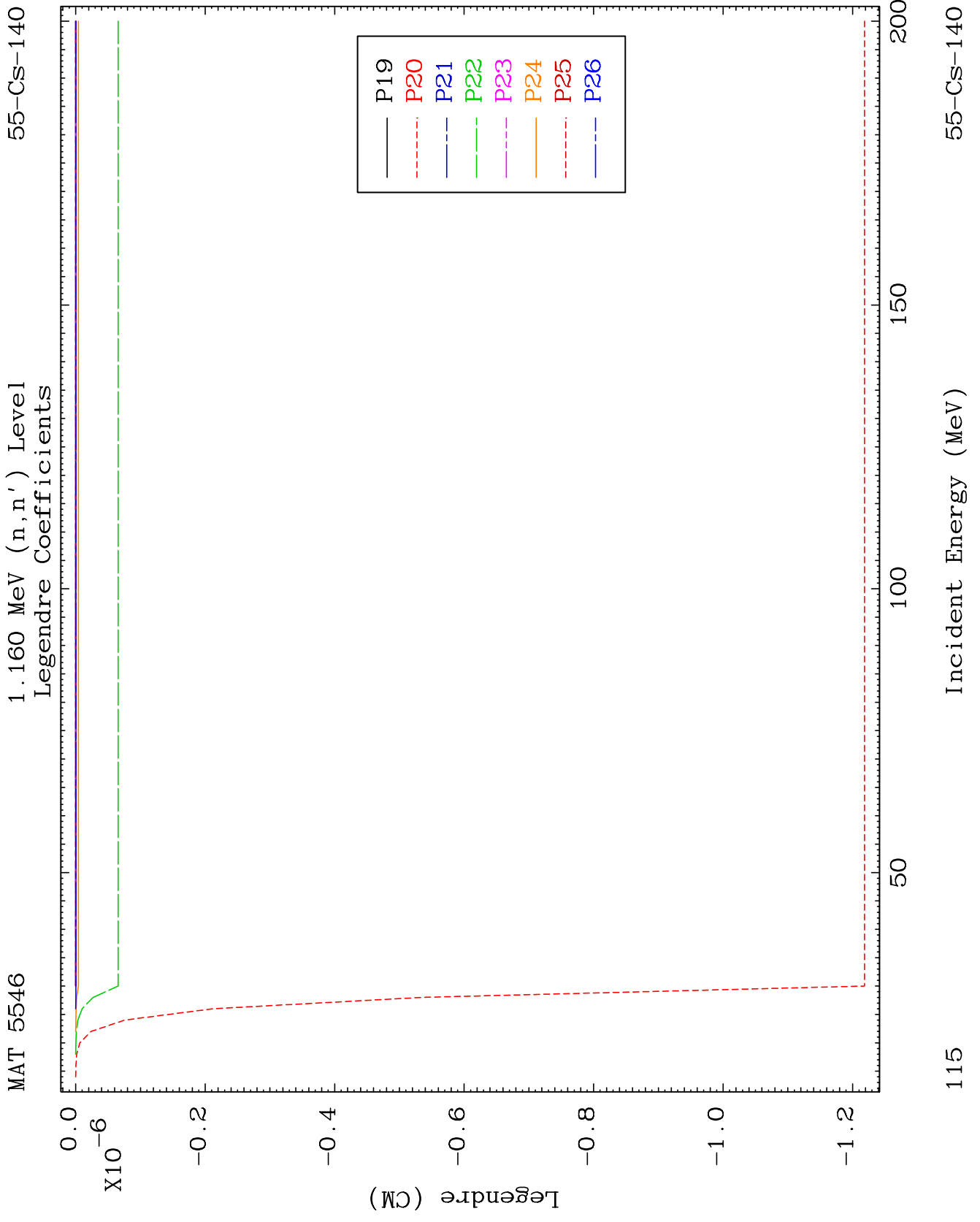
1.160 MeV (n,n') Level
Legendre Coefficients

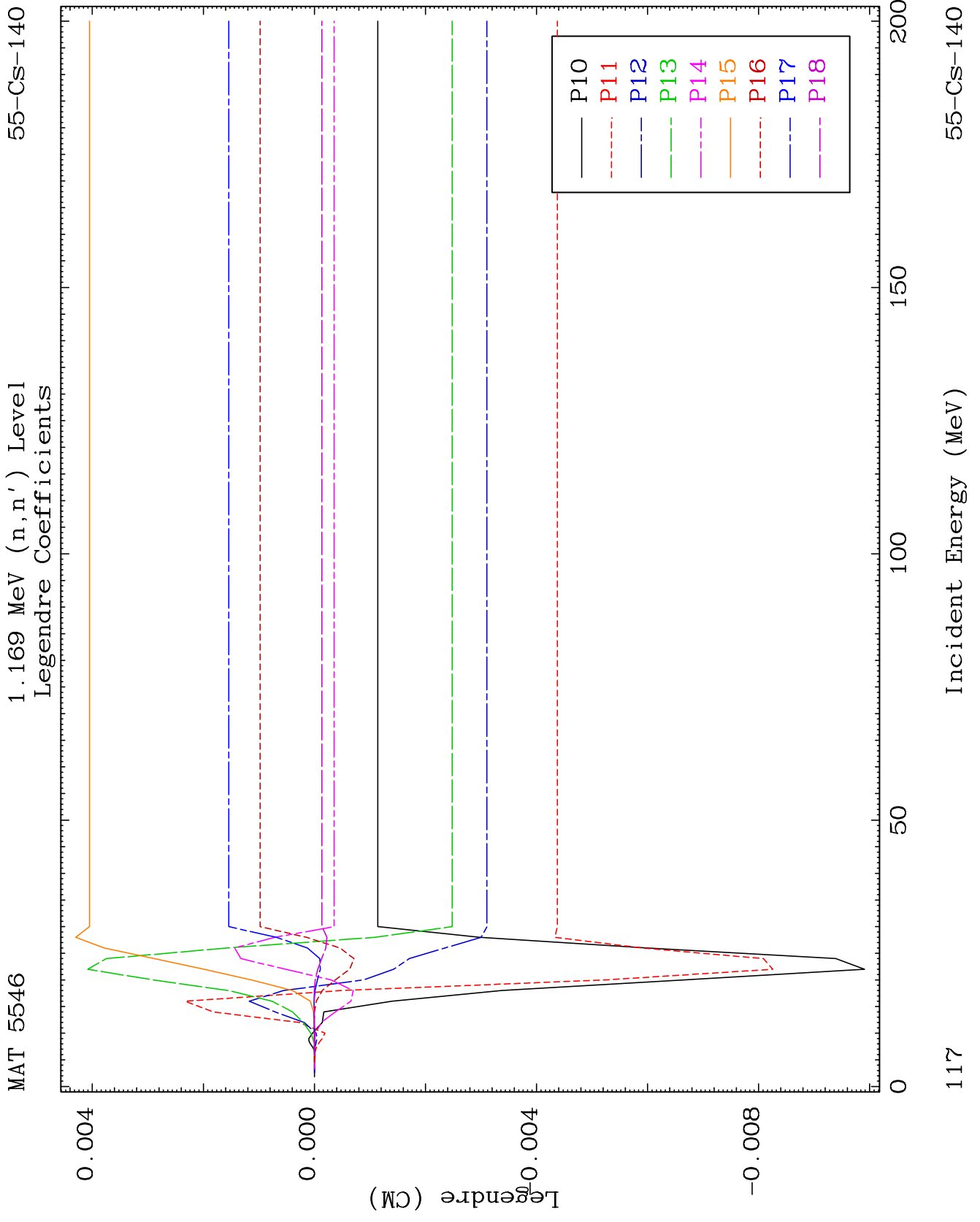
55-Cs-140

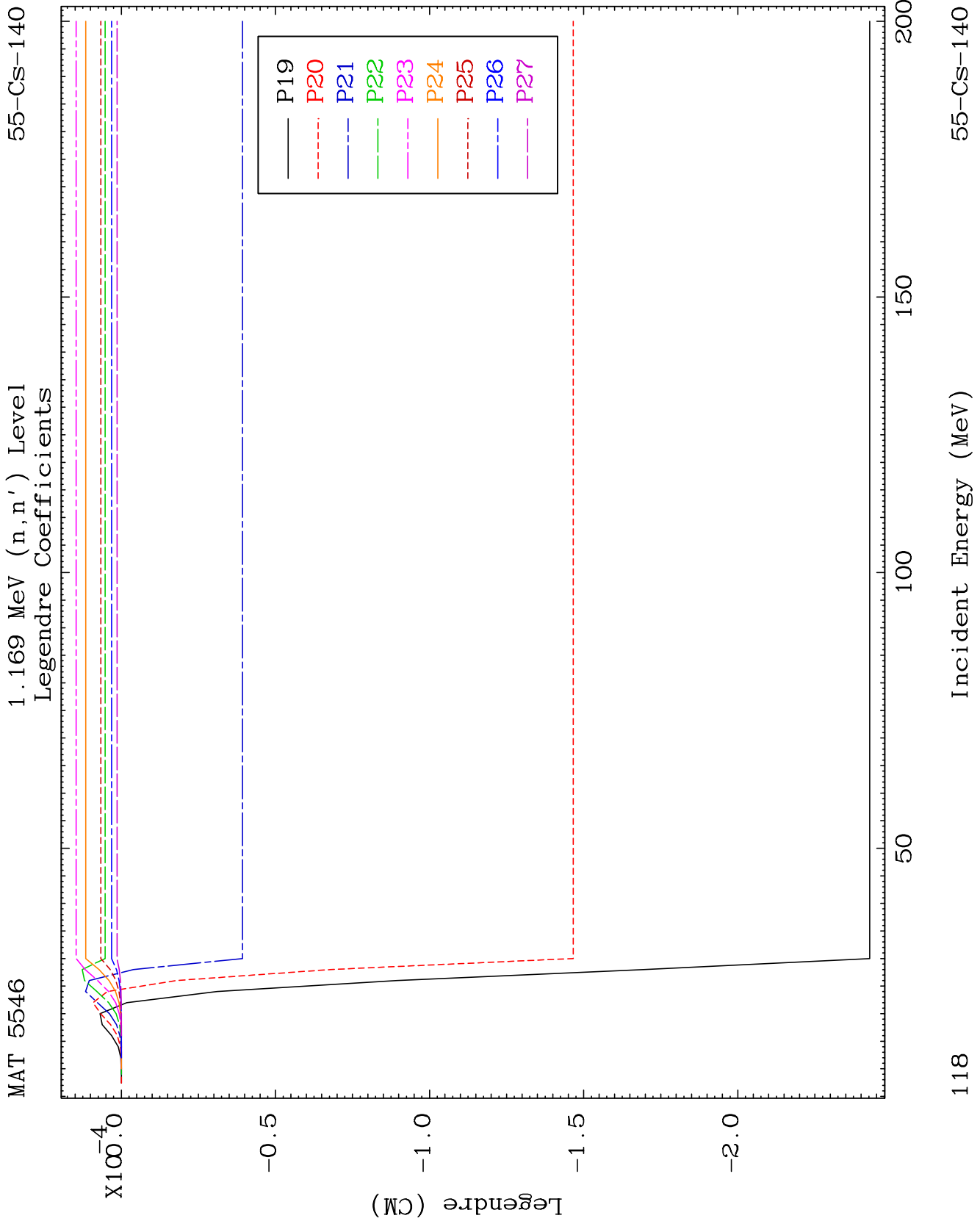


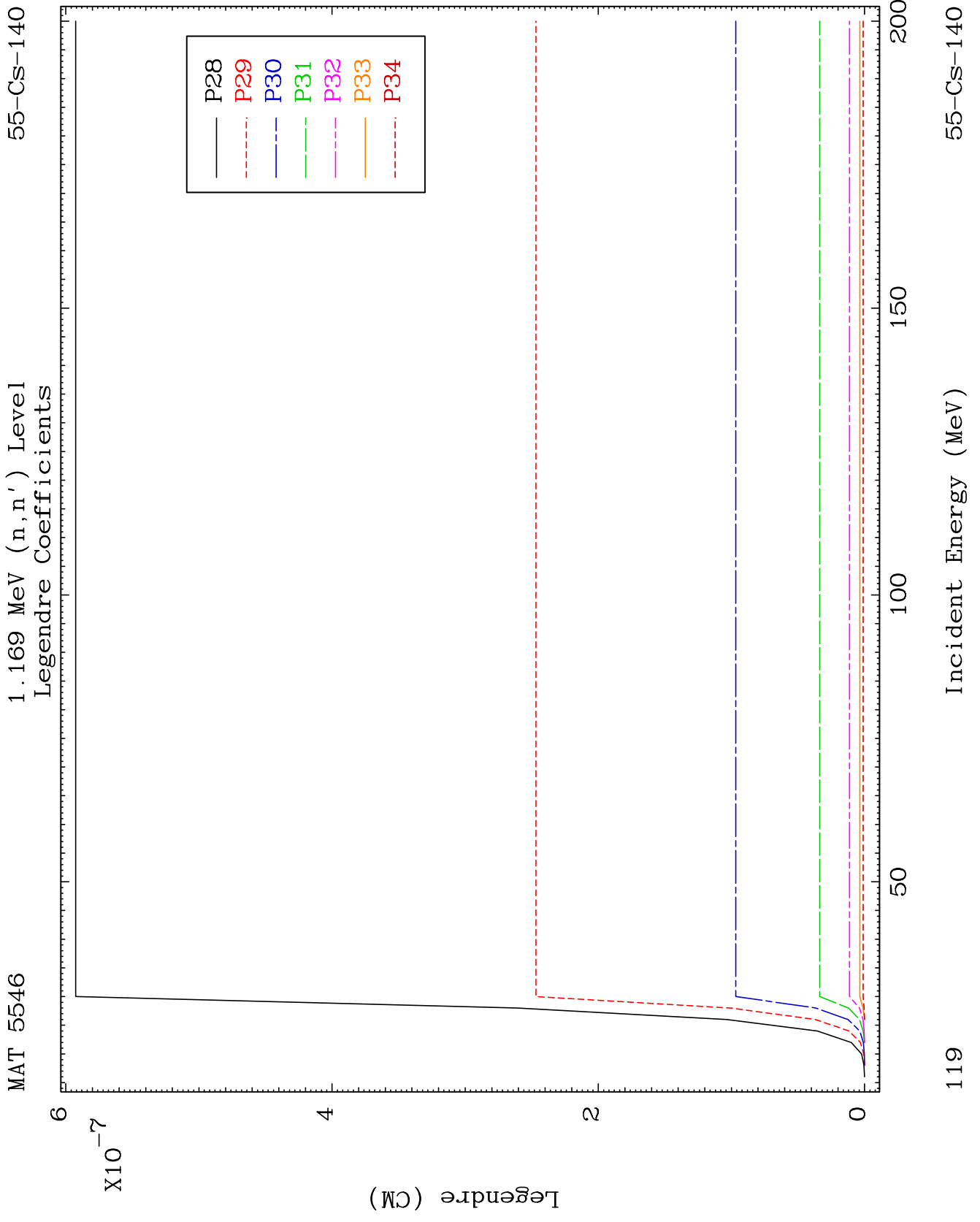
114

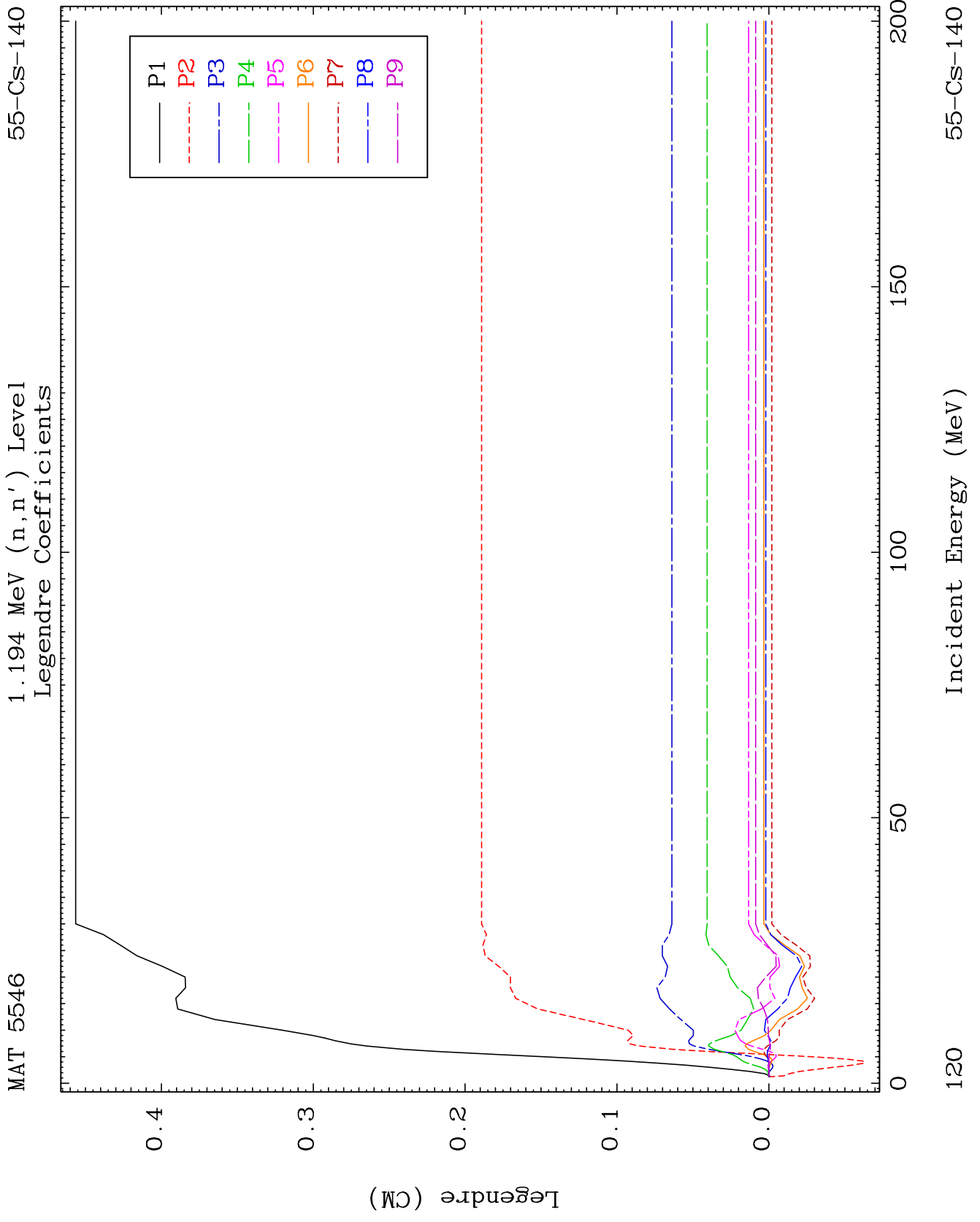
55-Cs-140

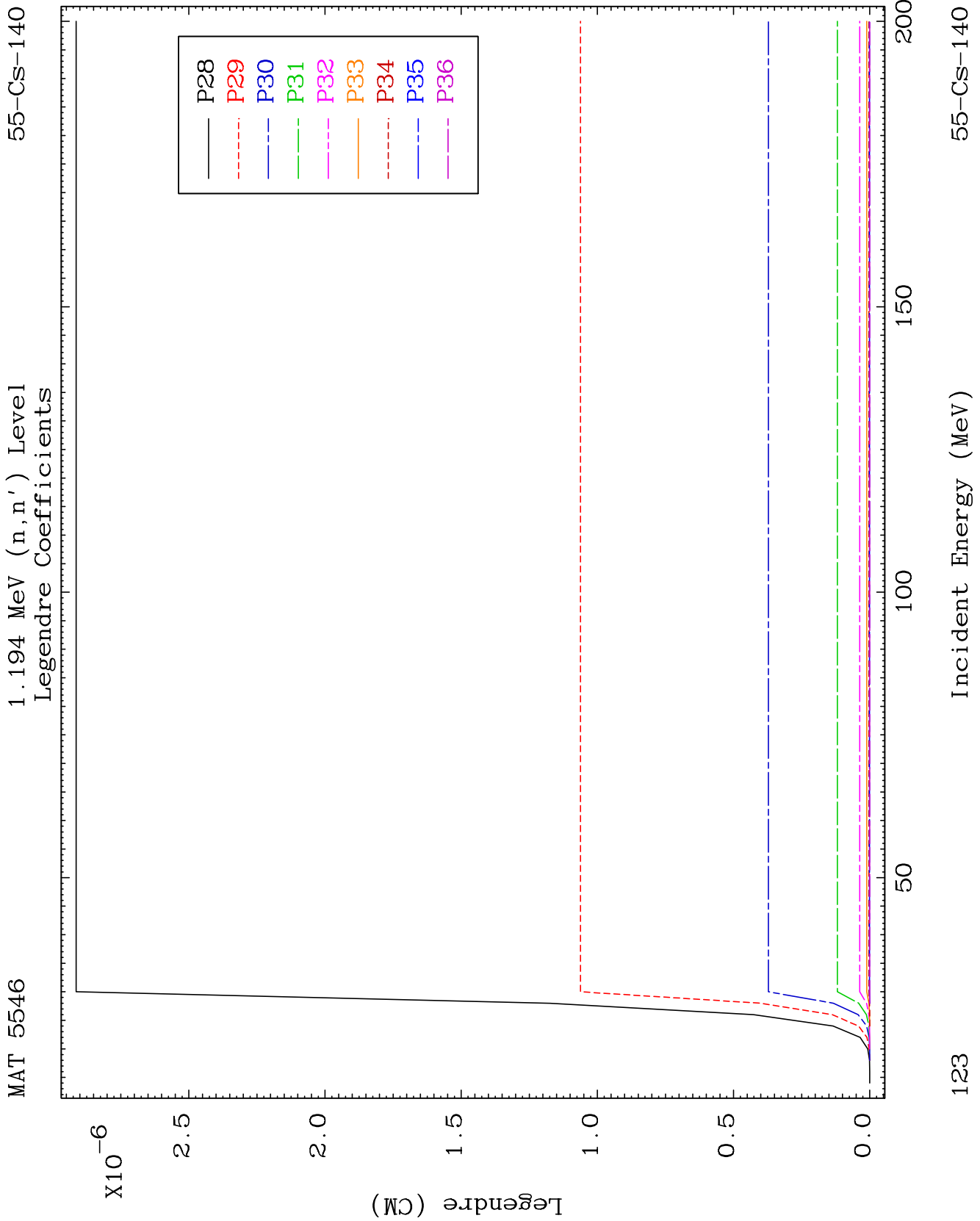


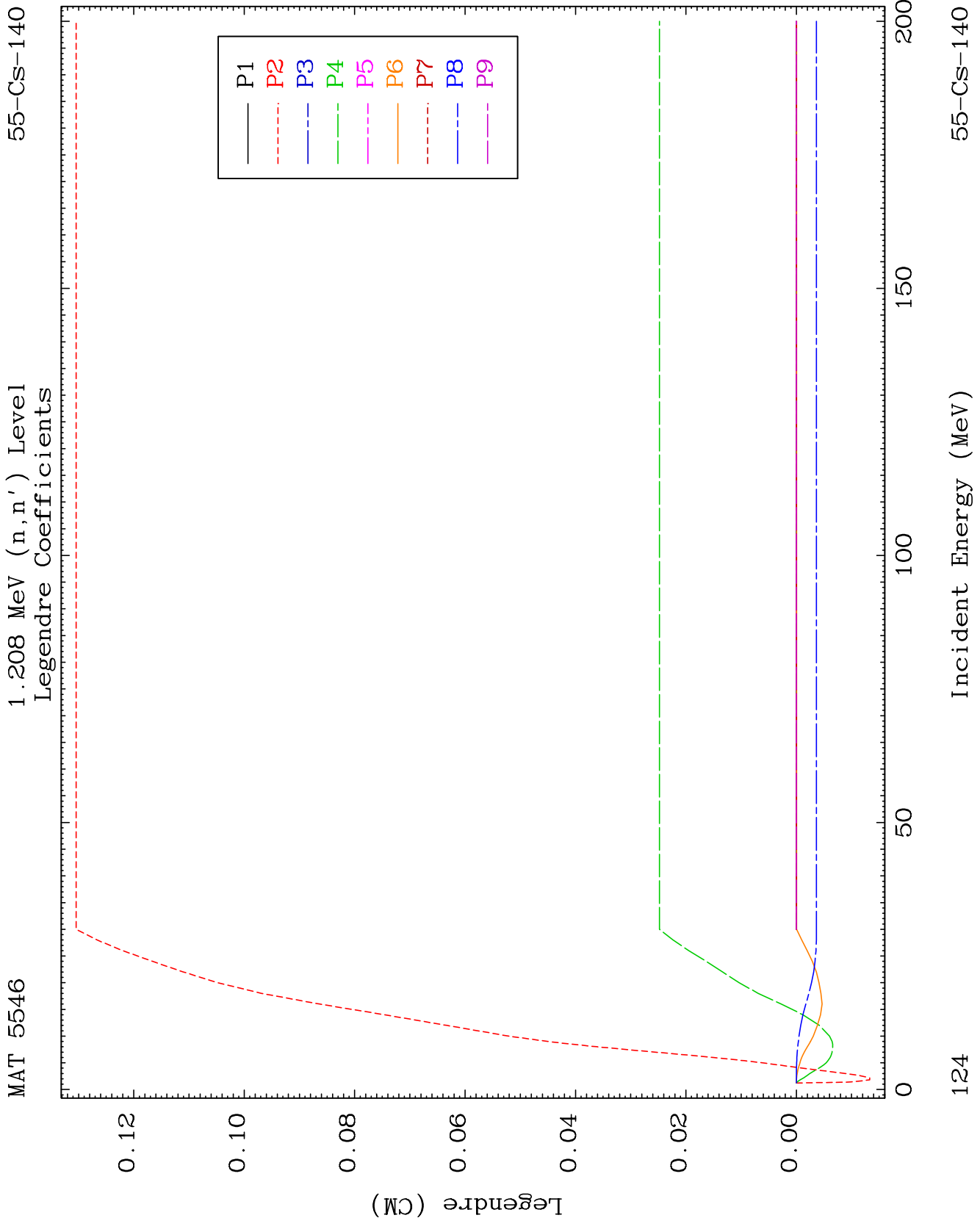


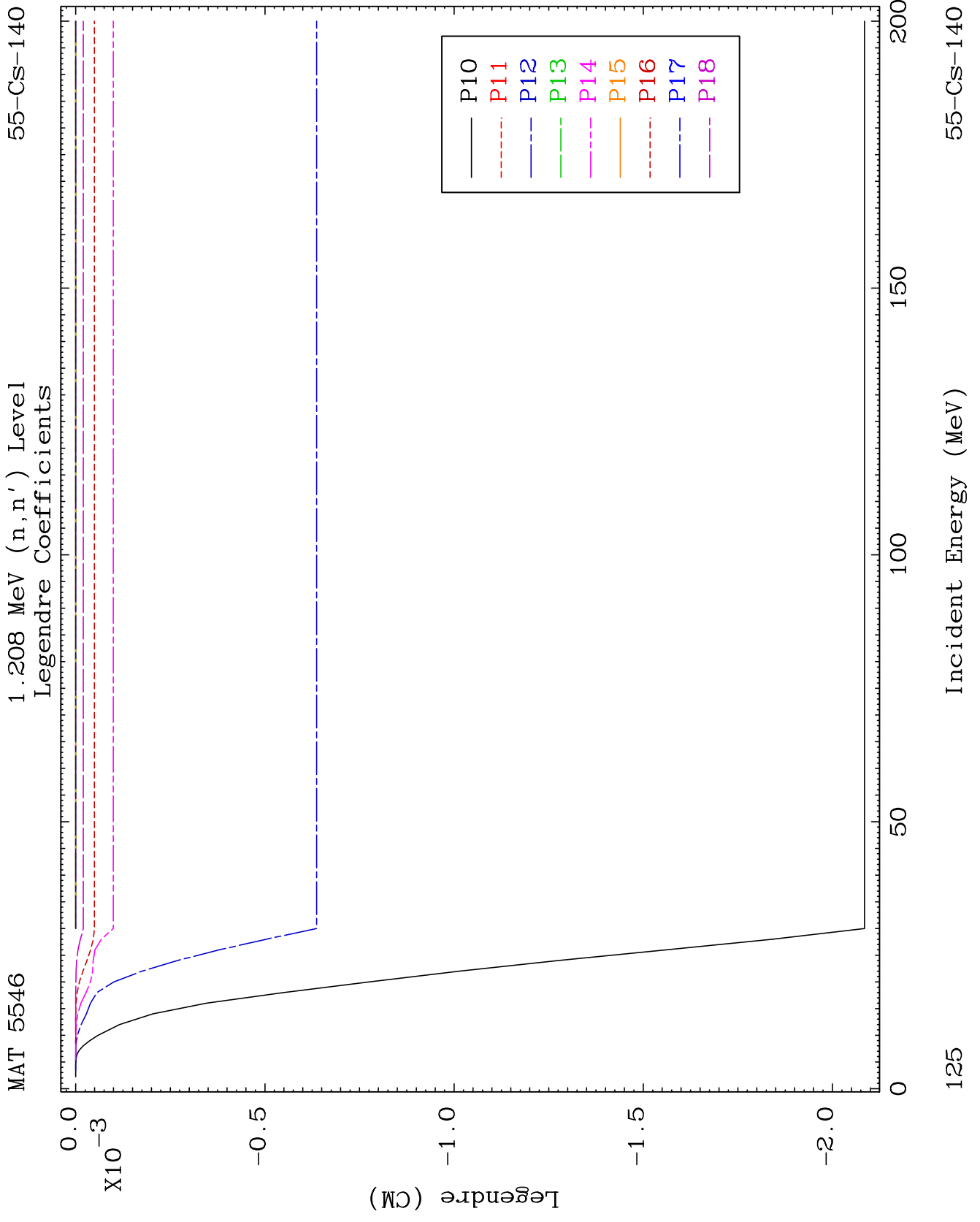


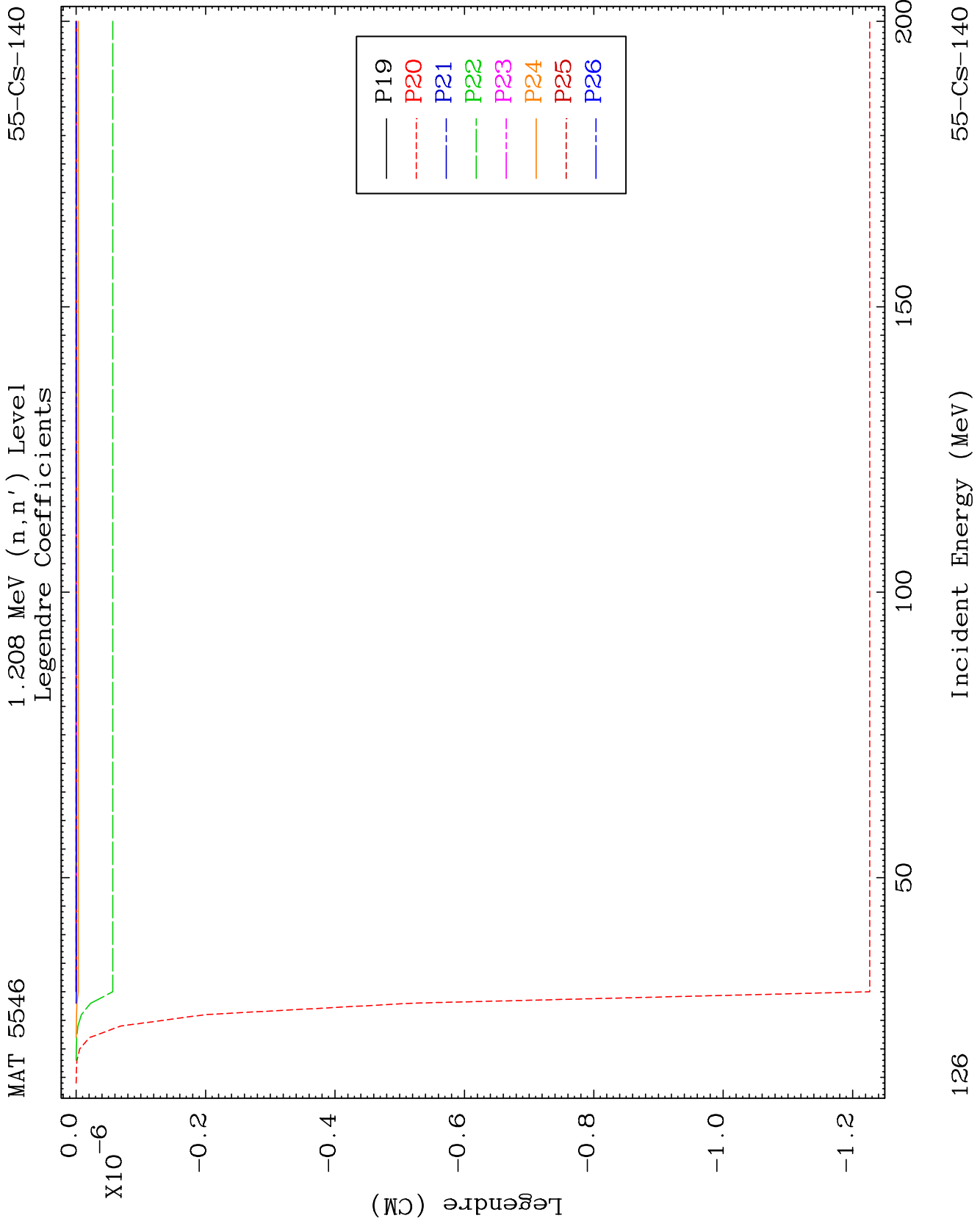










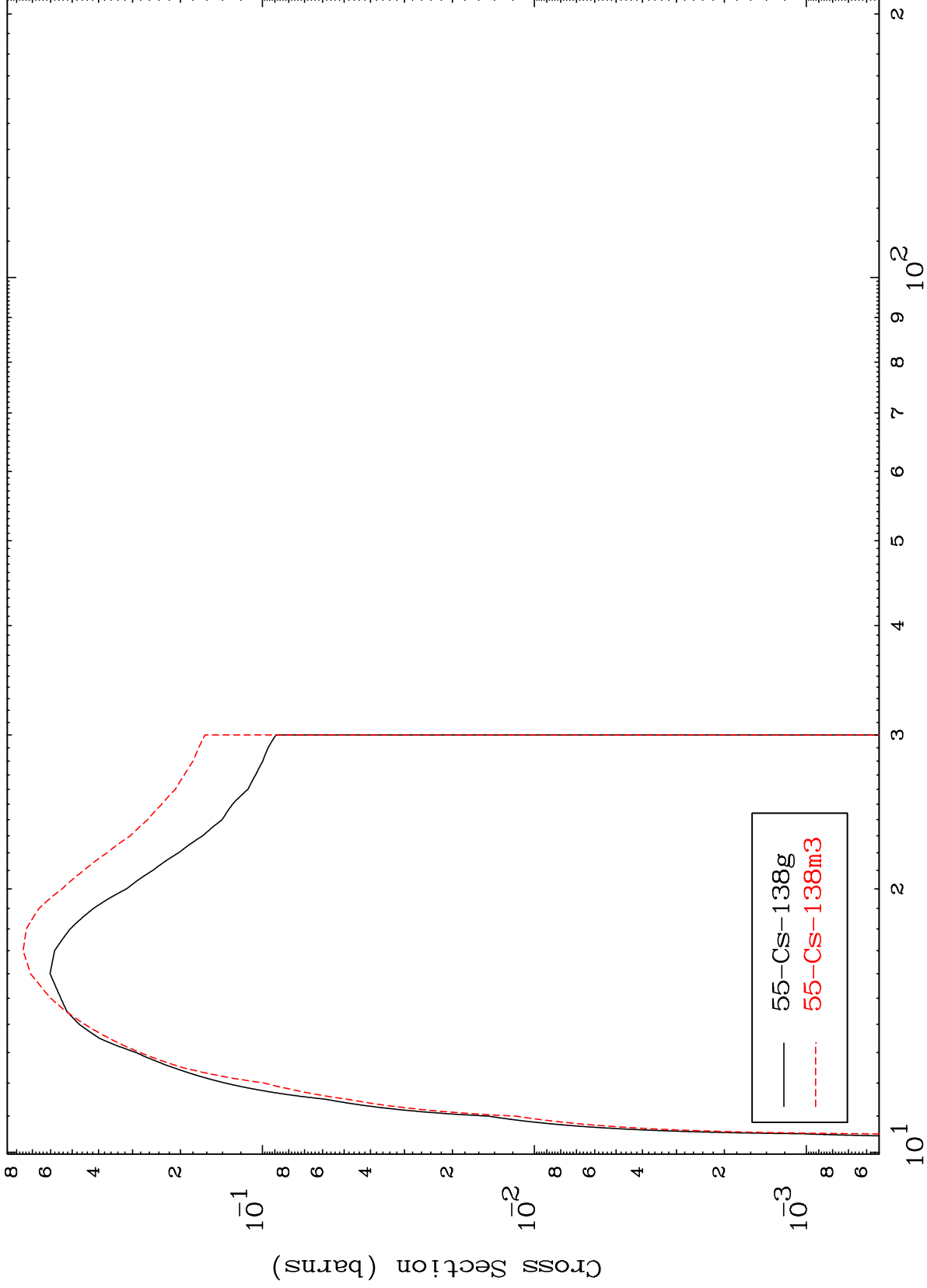


MAT 5546

(n,3n)

55-Cs-140

Radionuclide Production Cross Section



127

Incident Energy (MeV)

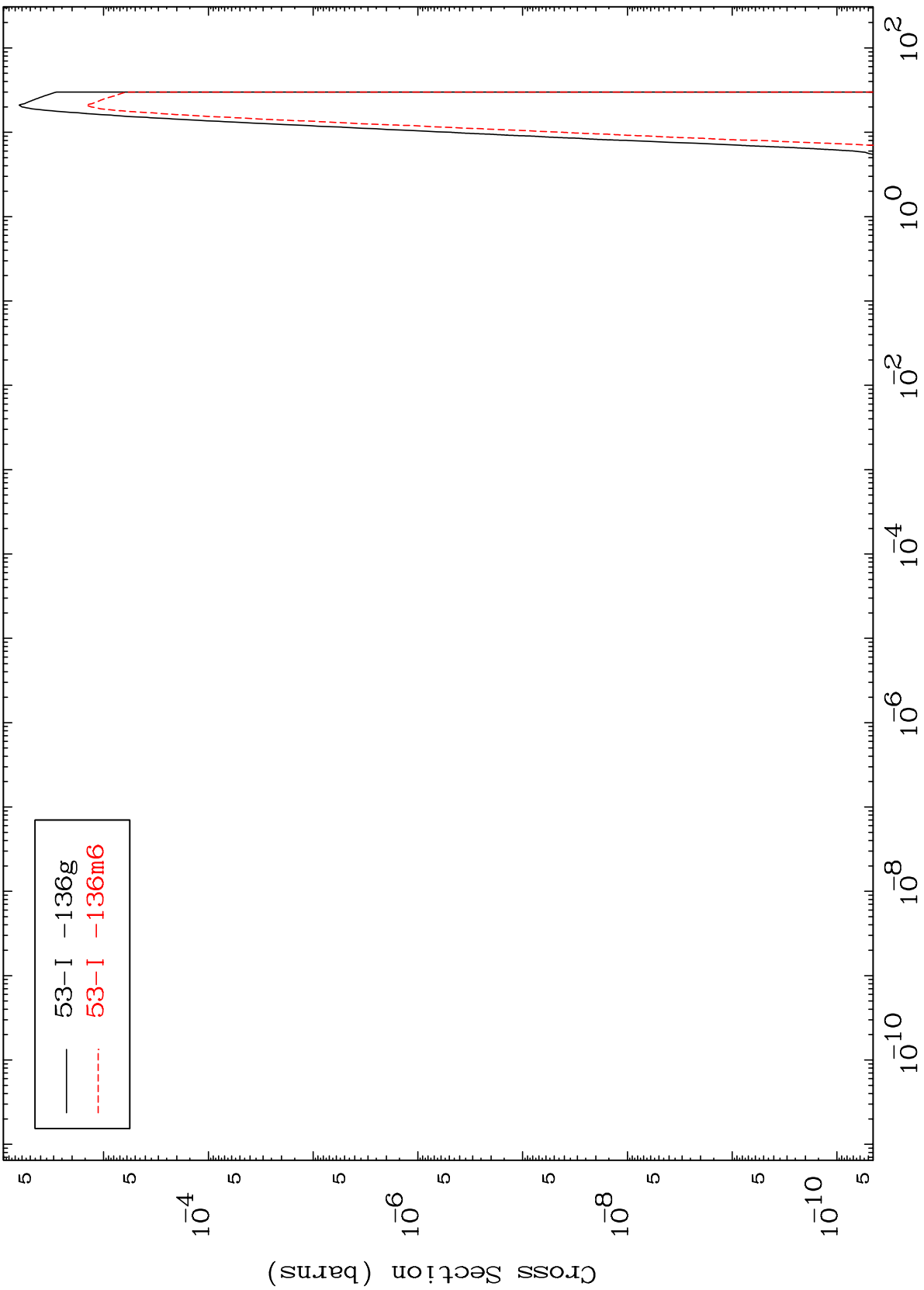
55-Cs-140

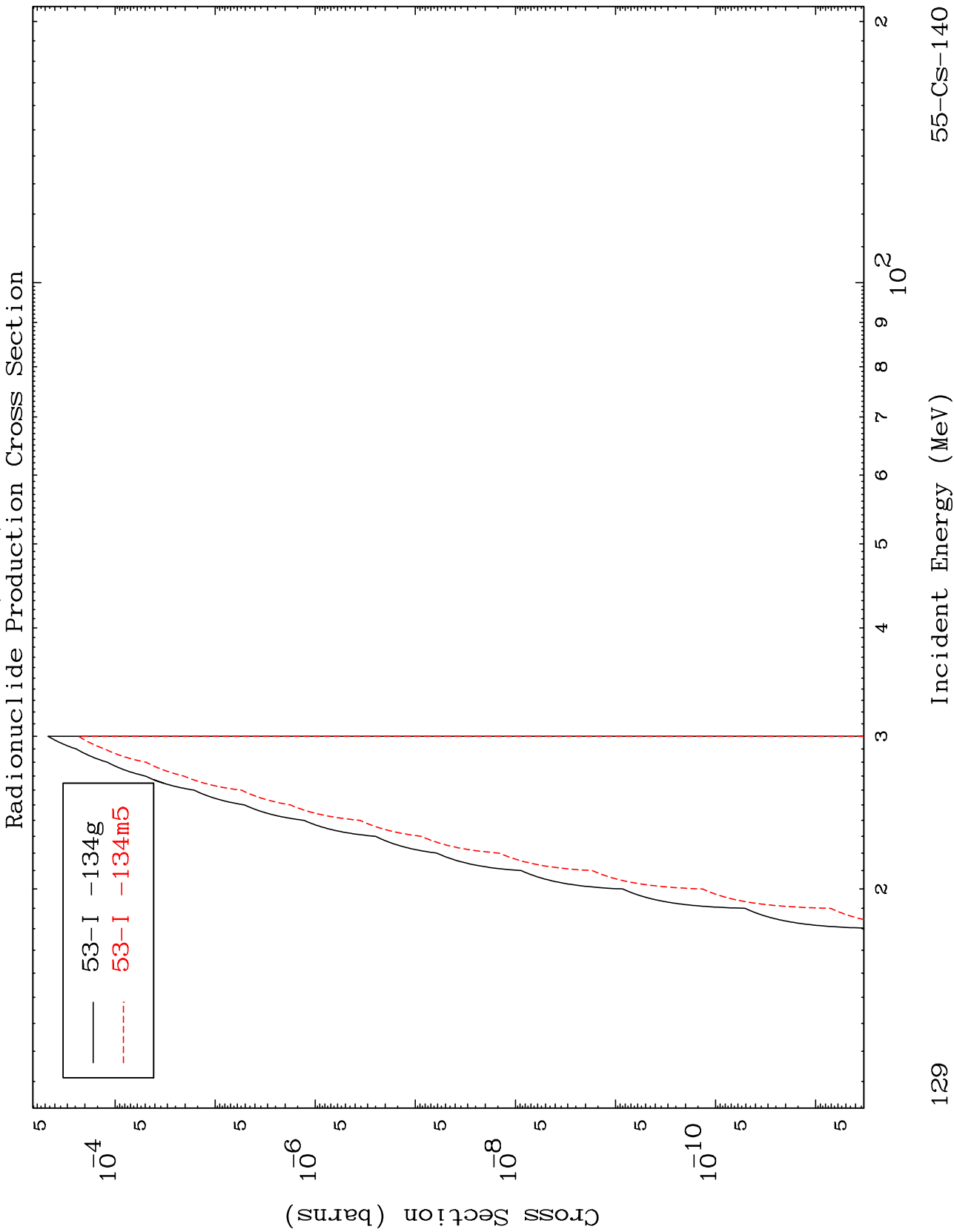
MAT 5546

(n,n') α

55-Cs-140

Radionuclide Production Cross Section



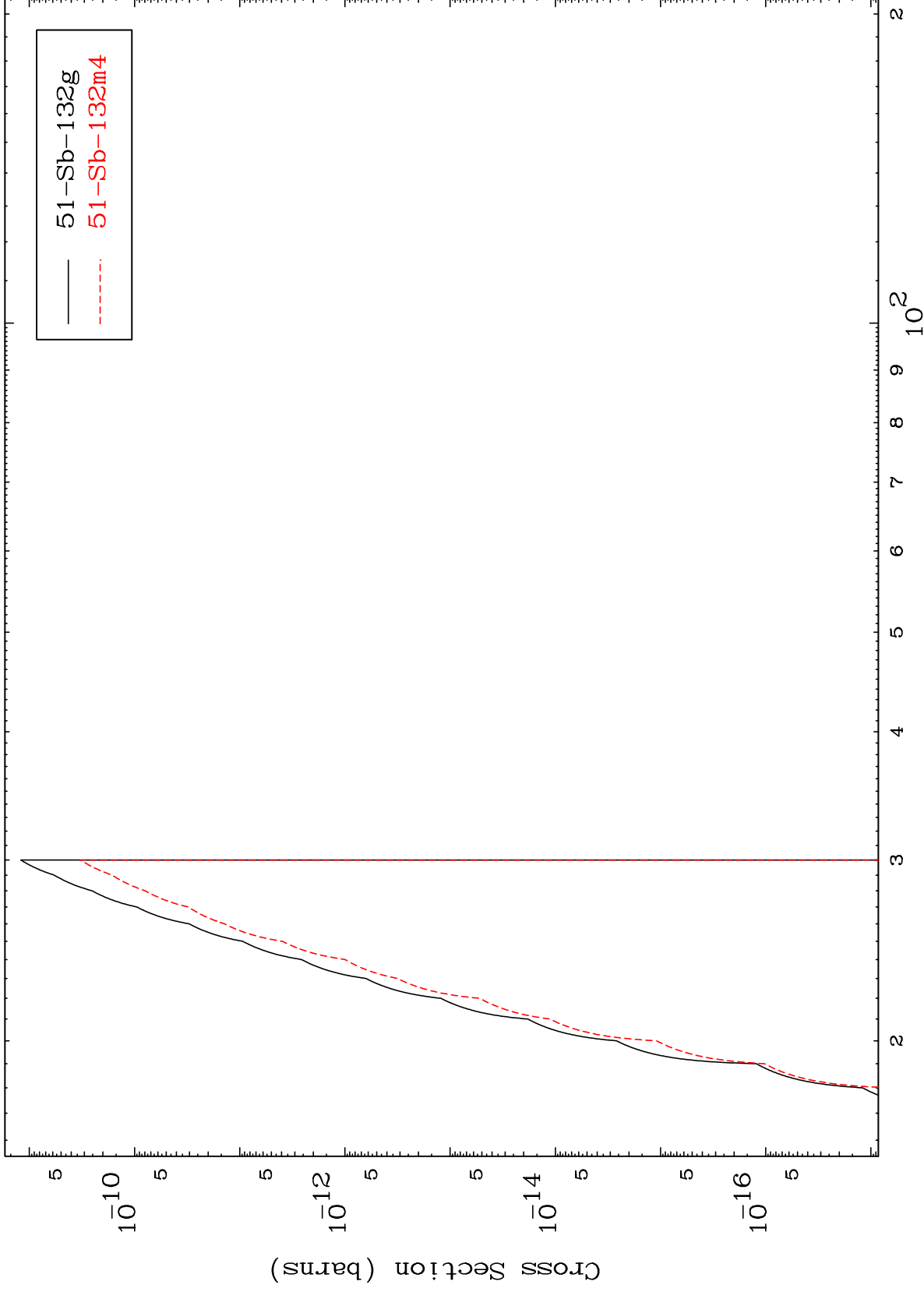


MAT 5546

(n,n') 2α

55-Cs-140

Radionuclide Production Cross Section



130

Incident Energy (MeV)

55-Cs-140