

Program EVALPLOT
(Version 2015-2)

by

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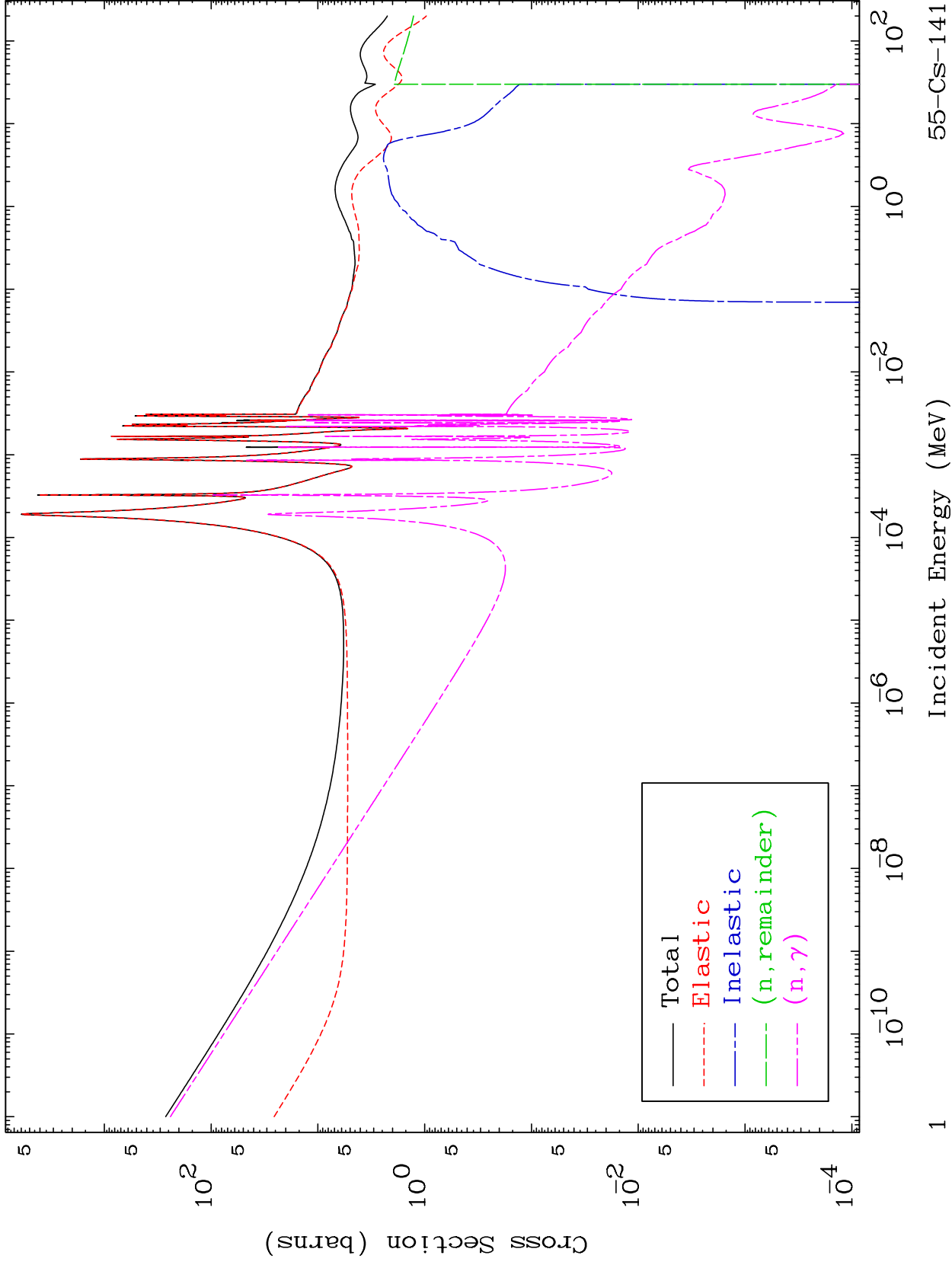
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5549

Major
293 Kelvin Cross Sections

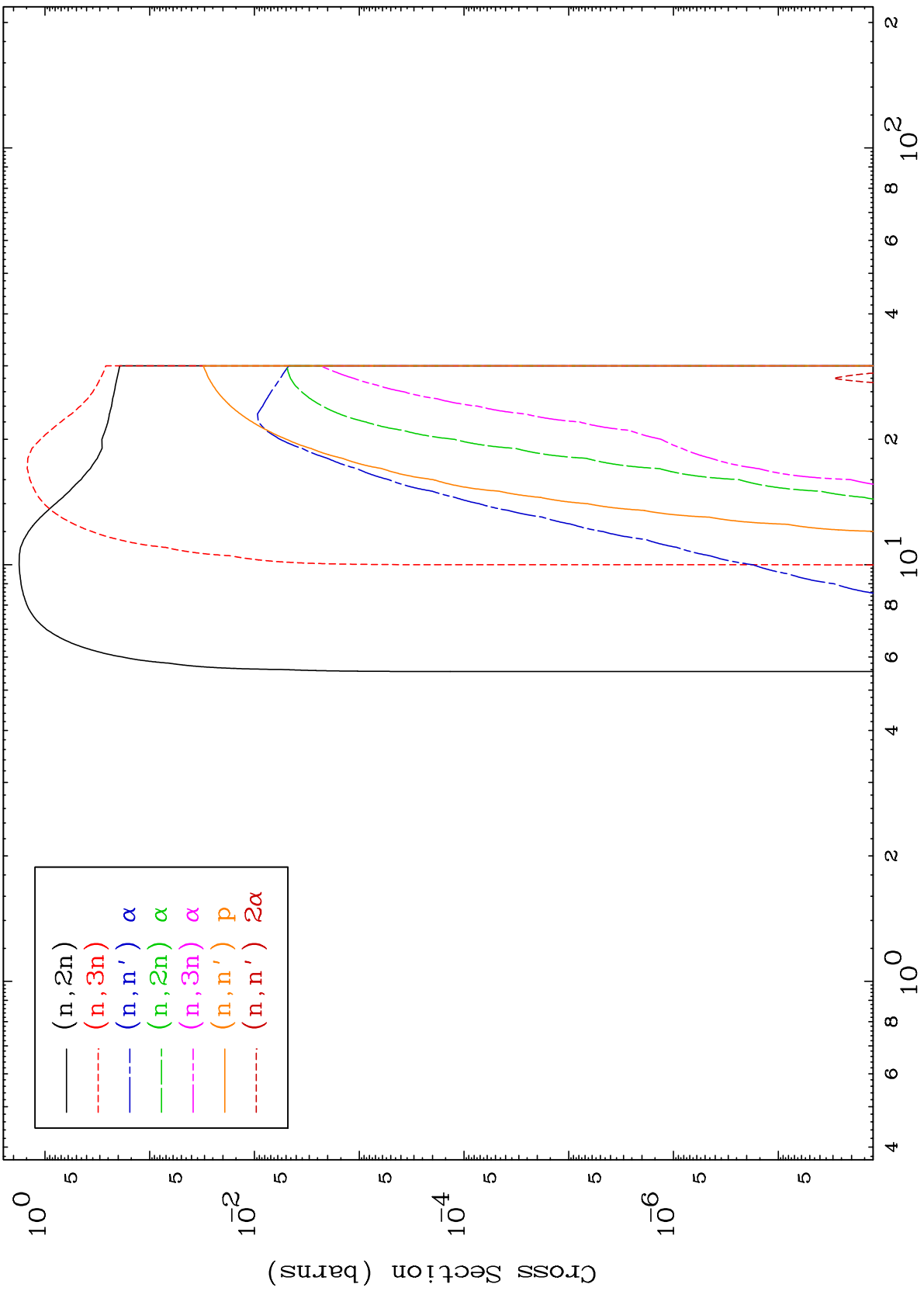
55-Cs-141

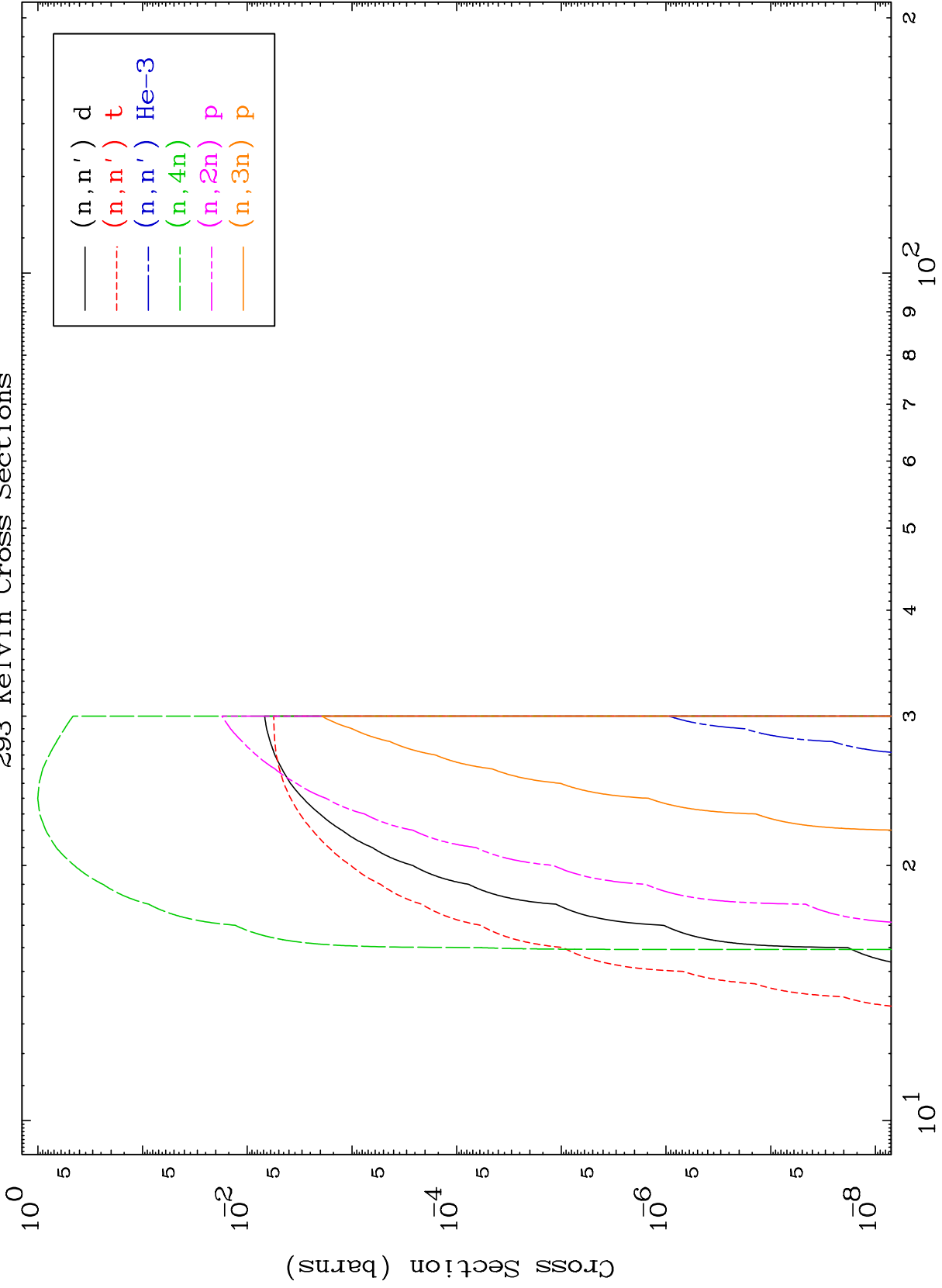


MAT 5549

Neutron Production
293 Kelvin Cross Sections

55-Cs-141

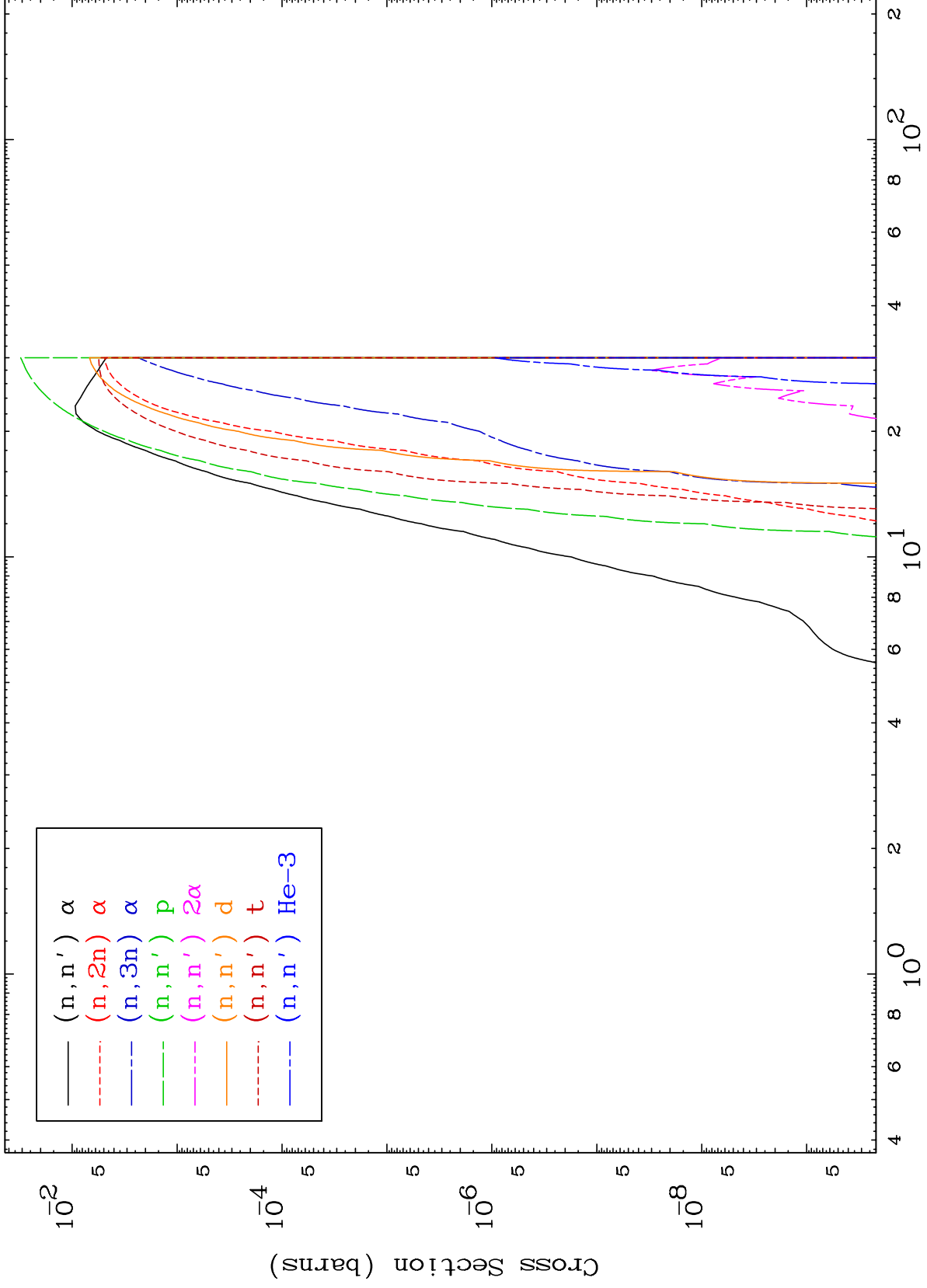




MAT 5549

Charged Particle
293 Kelvin Cross Sections

55-Cs-141



4

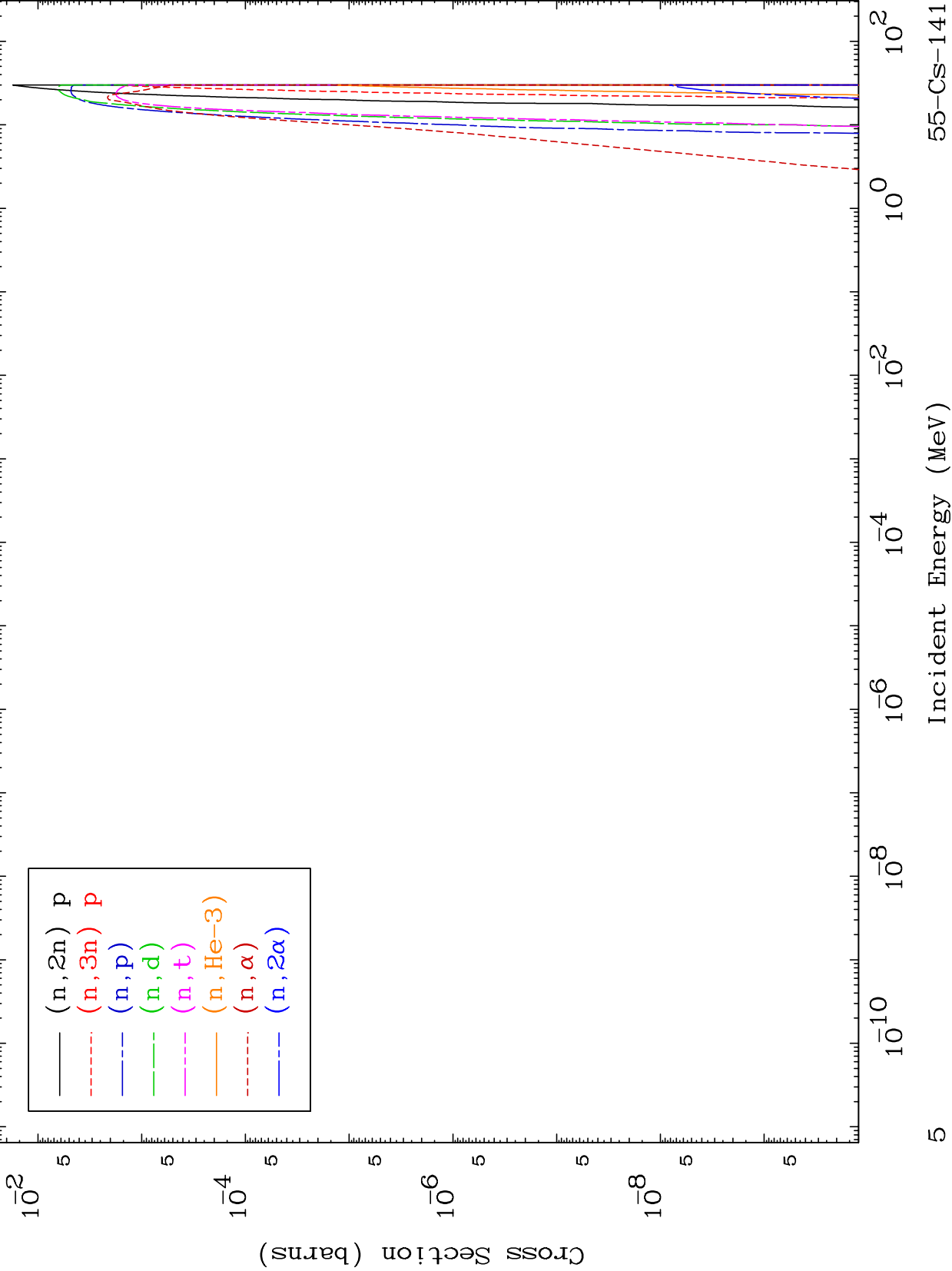
Incident Energy (MeV)

55-Cs-141

MAT 5549

Charged Particle
293 Kelvin Cross Sections

55-Cs-141



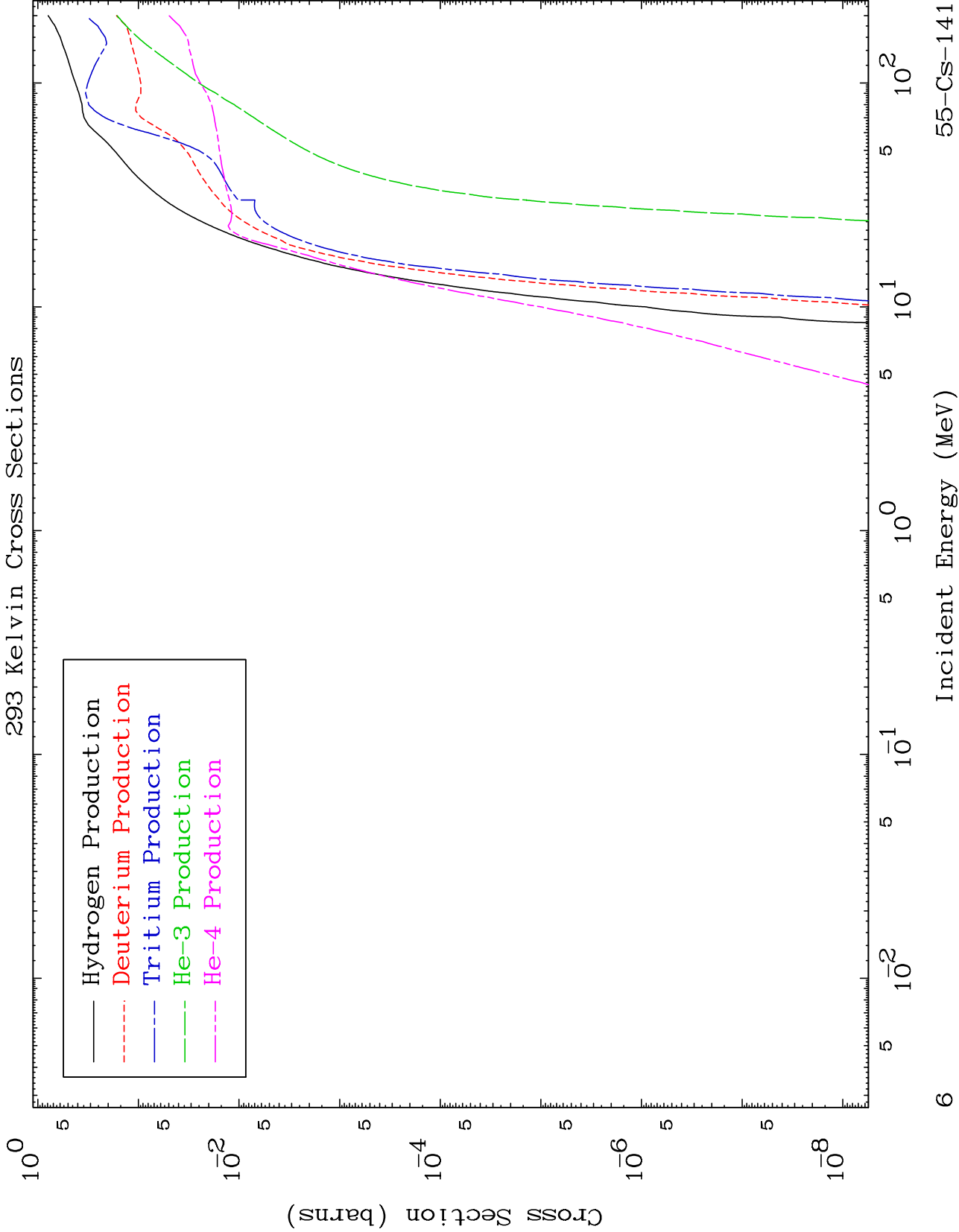
5

55-Cs-141

MAT 5549

Particle Production
293 Kelvin Cross Sections

55-Cs-141



55-Cs-141

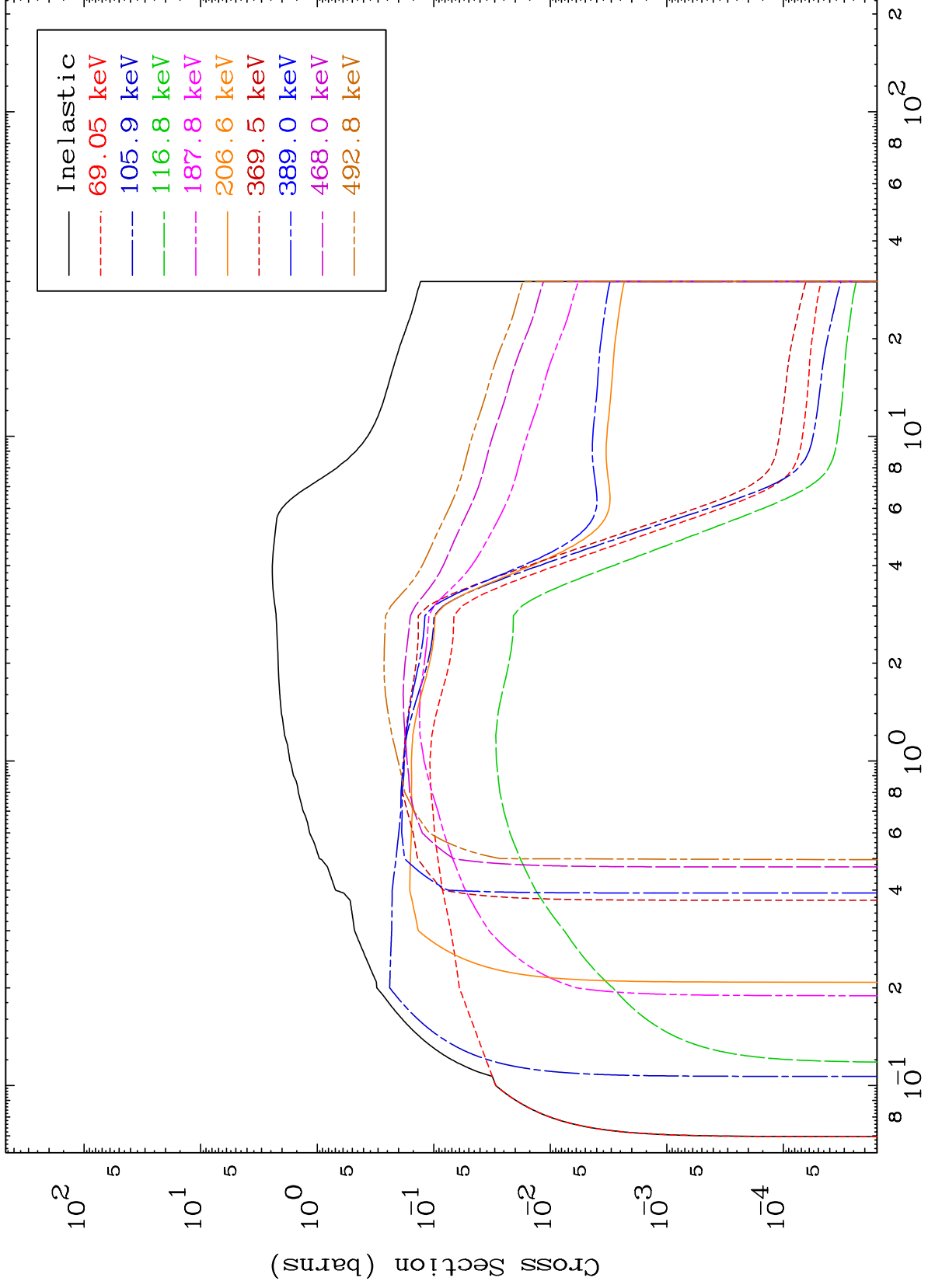
Incident Energy (MeV)

6

MAT 5549

(n,n') Level
293 Kelvin Cross Sections

55-Cs-141



7

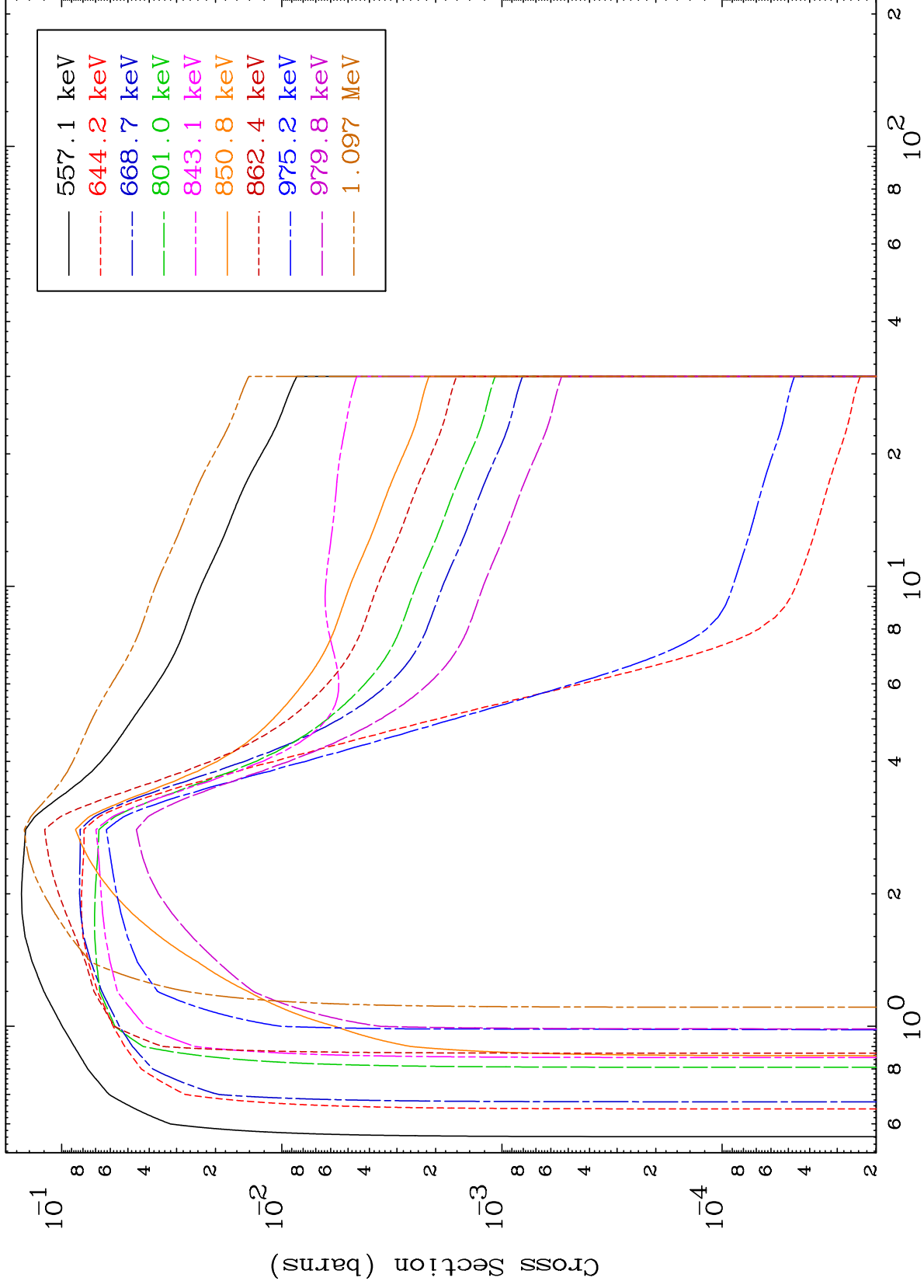
Incident Energy (MeV)

55-Cs-141

MAT 5549

(n,n') Level
293 Kelvin Cross Sections

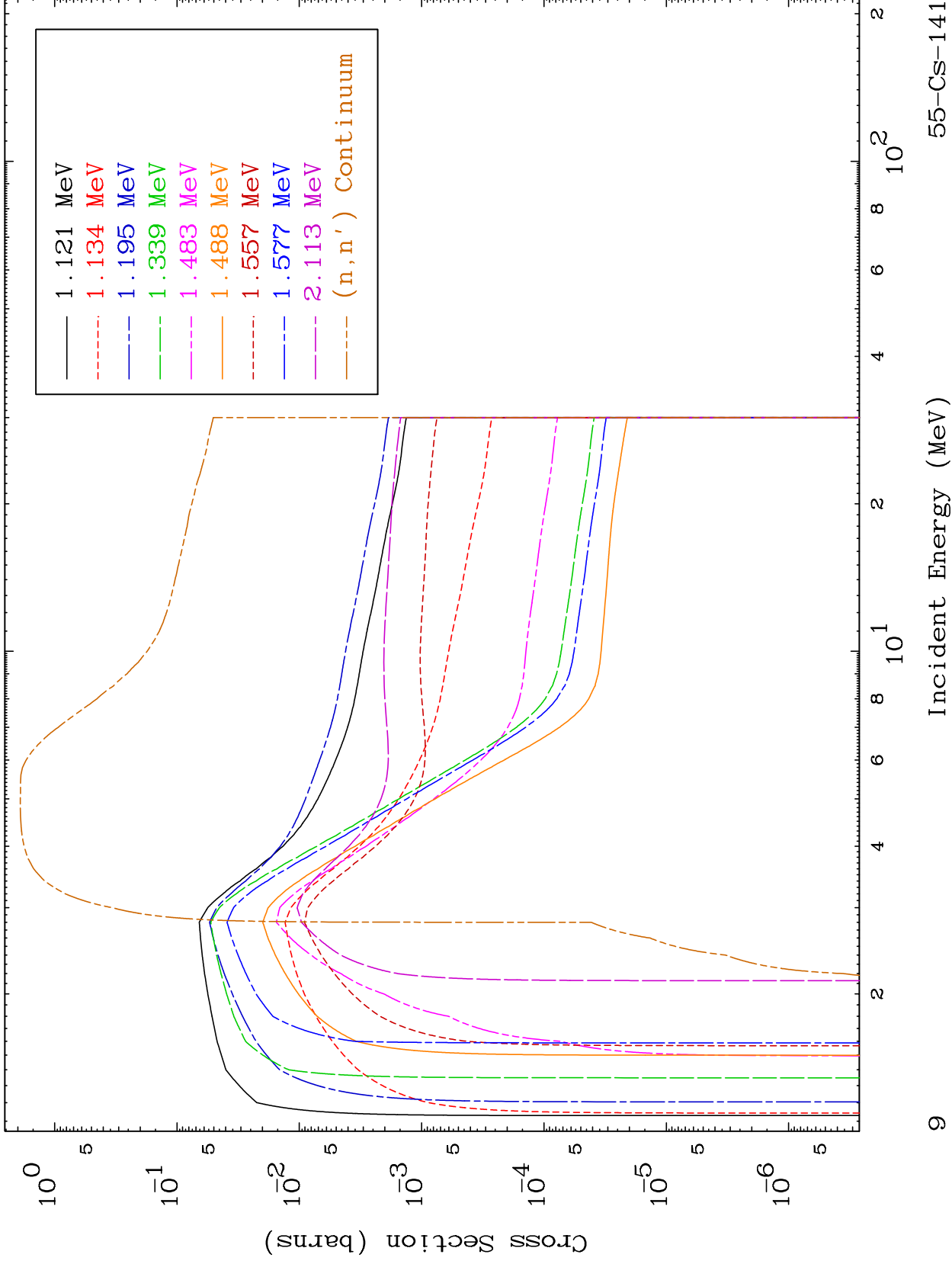
55-Cs-141



8

Incident Energy (MeV)

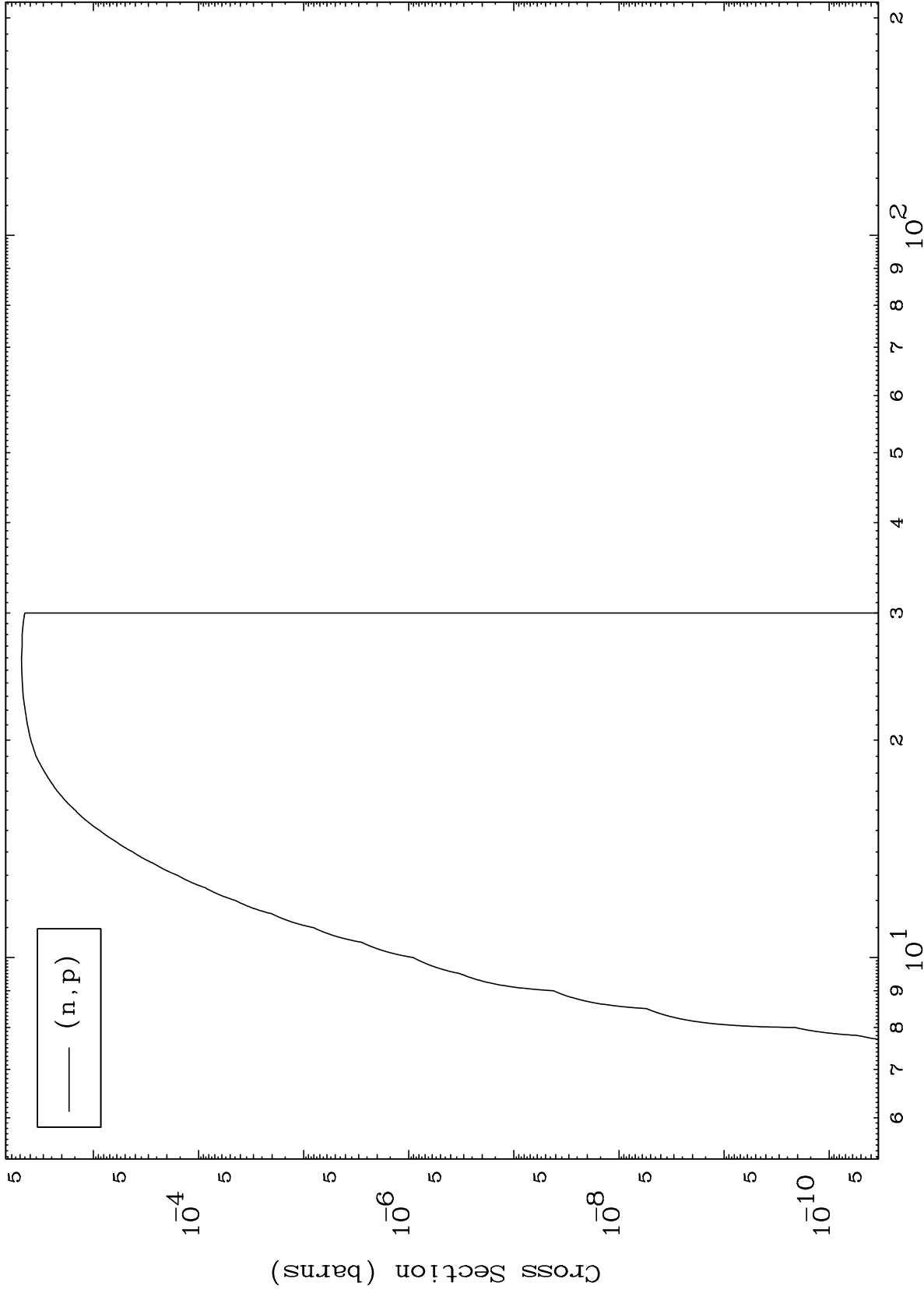
55-Cs-141



MAT 5549

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-141



10

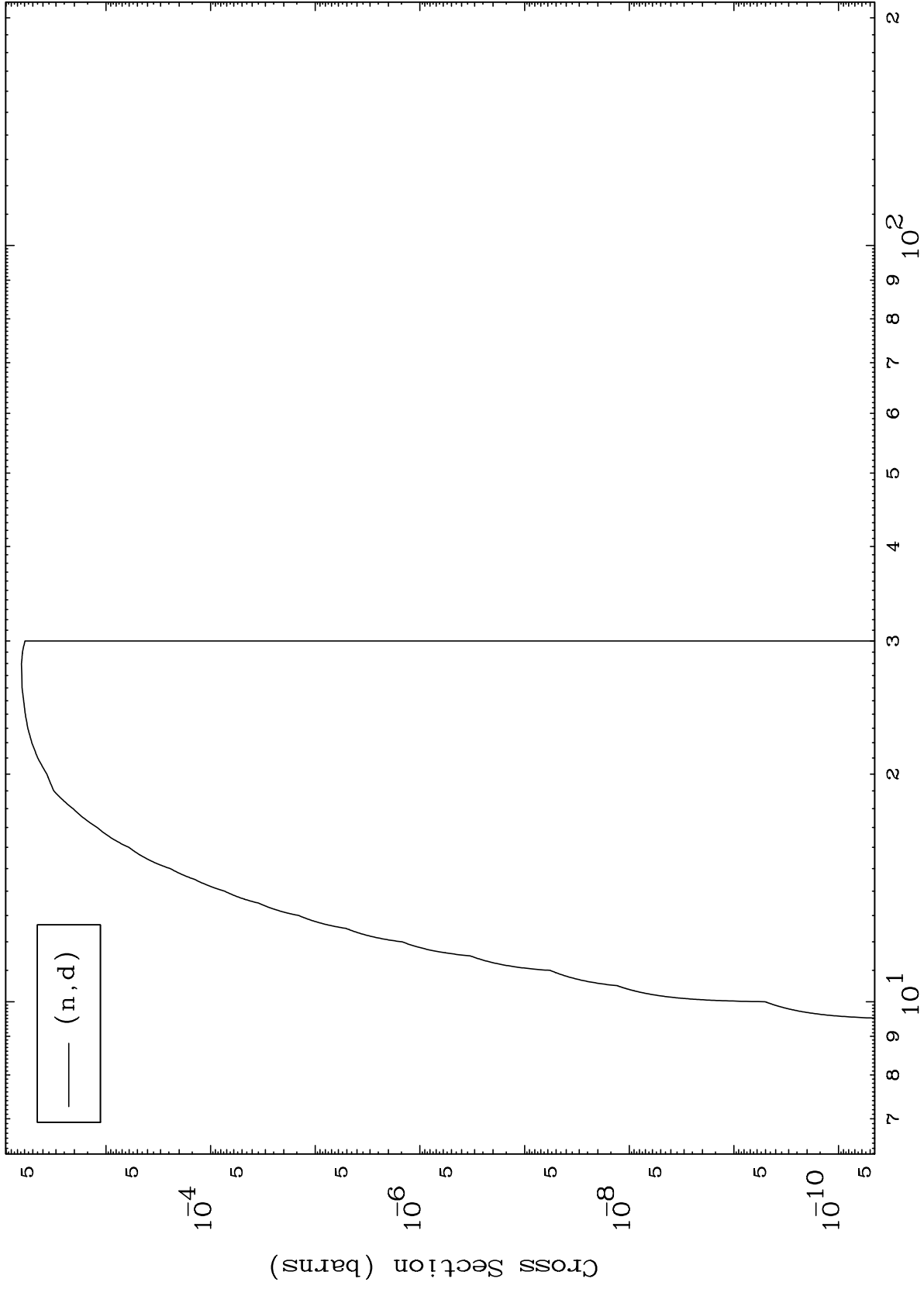
Incident Energy (MeV)

55-Cs-141

MAT 5549

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-141



11

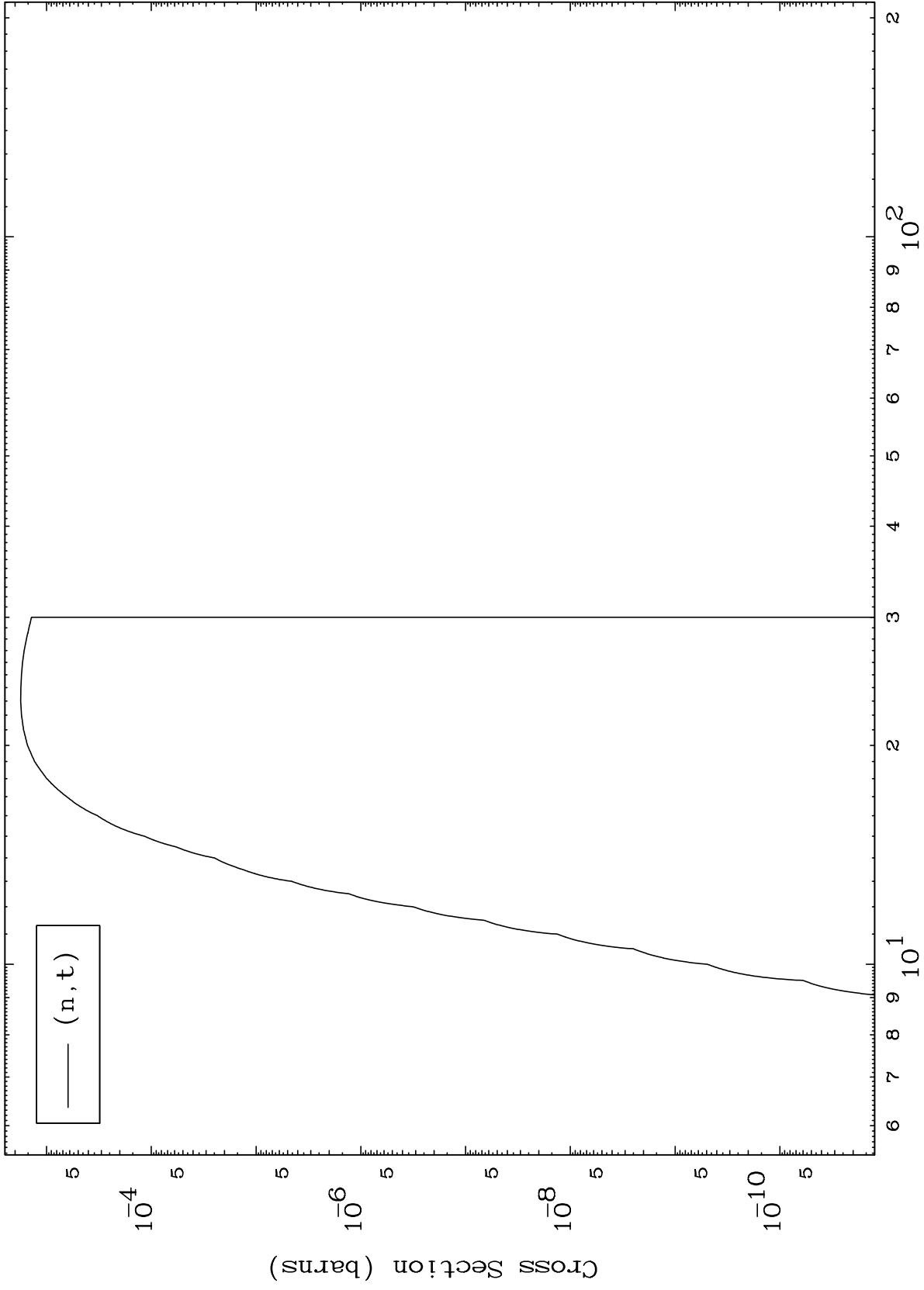
Incident Energy (MeV)

55-Cs-141

MAT 5549

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-141



12

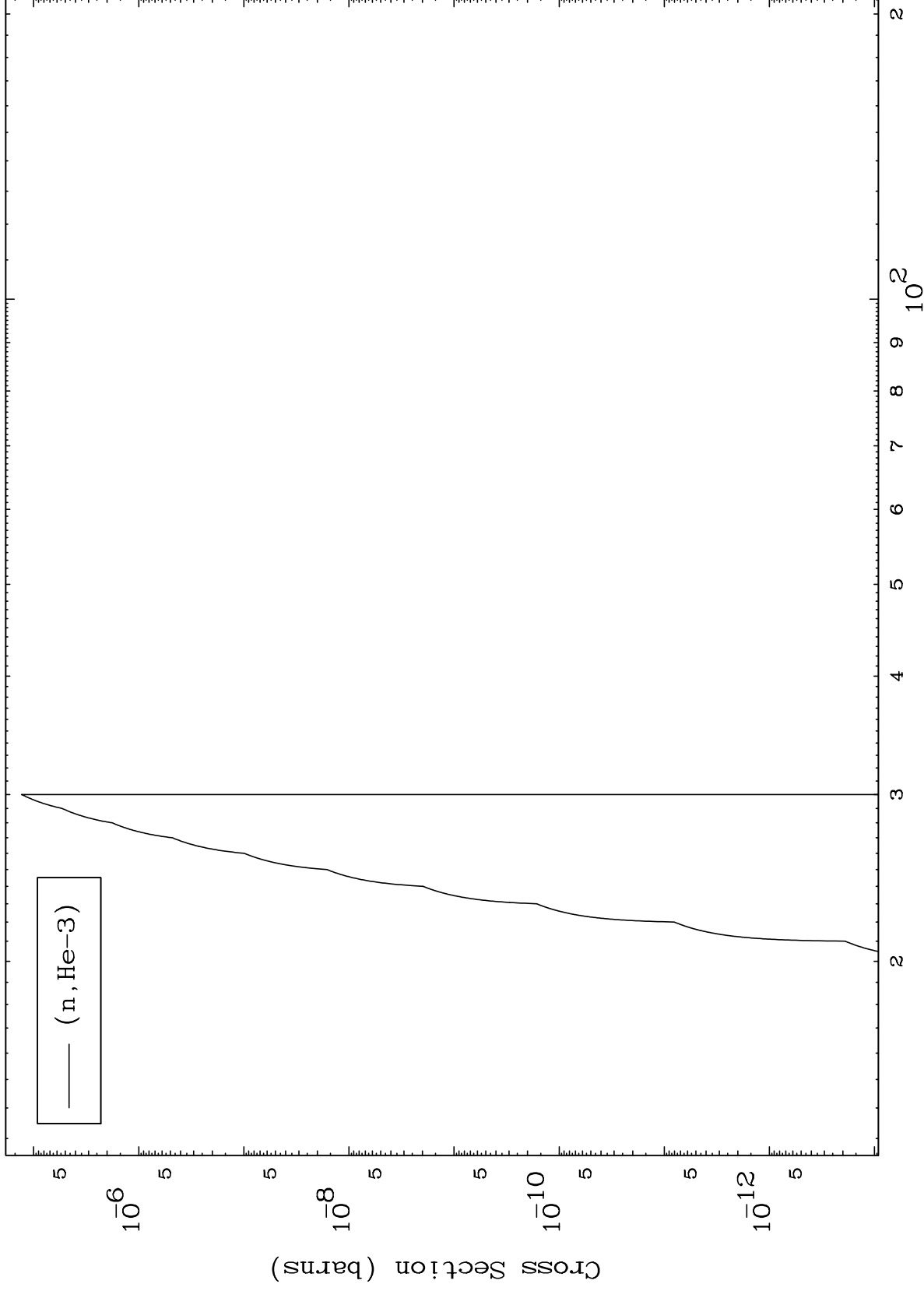
Incident Energy (MeV)

55-Cs-141

MAT 5549

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-141



13

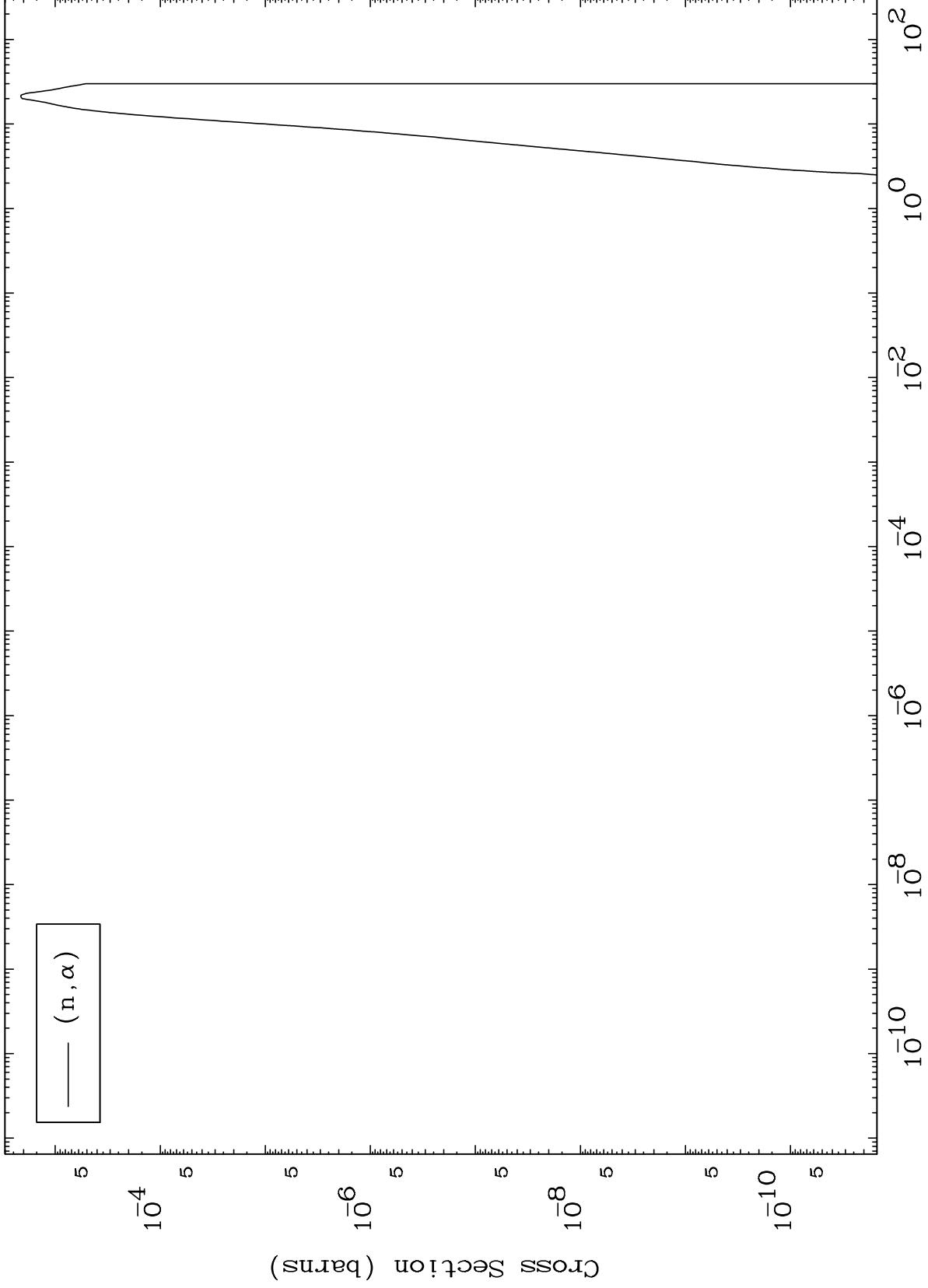
Incident Energy (MeV)

55-Cs-141

MAT 5549

(n, α) Levels
293 Kelvin Cross Sections

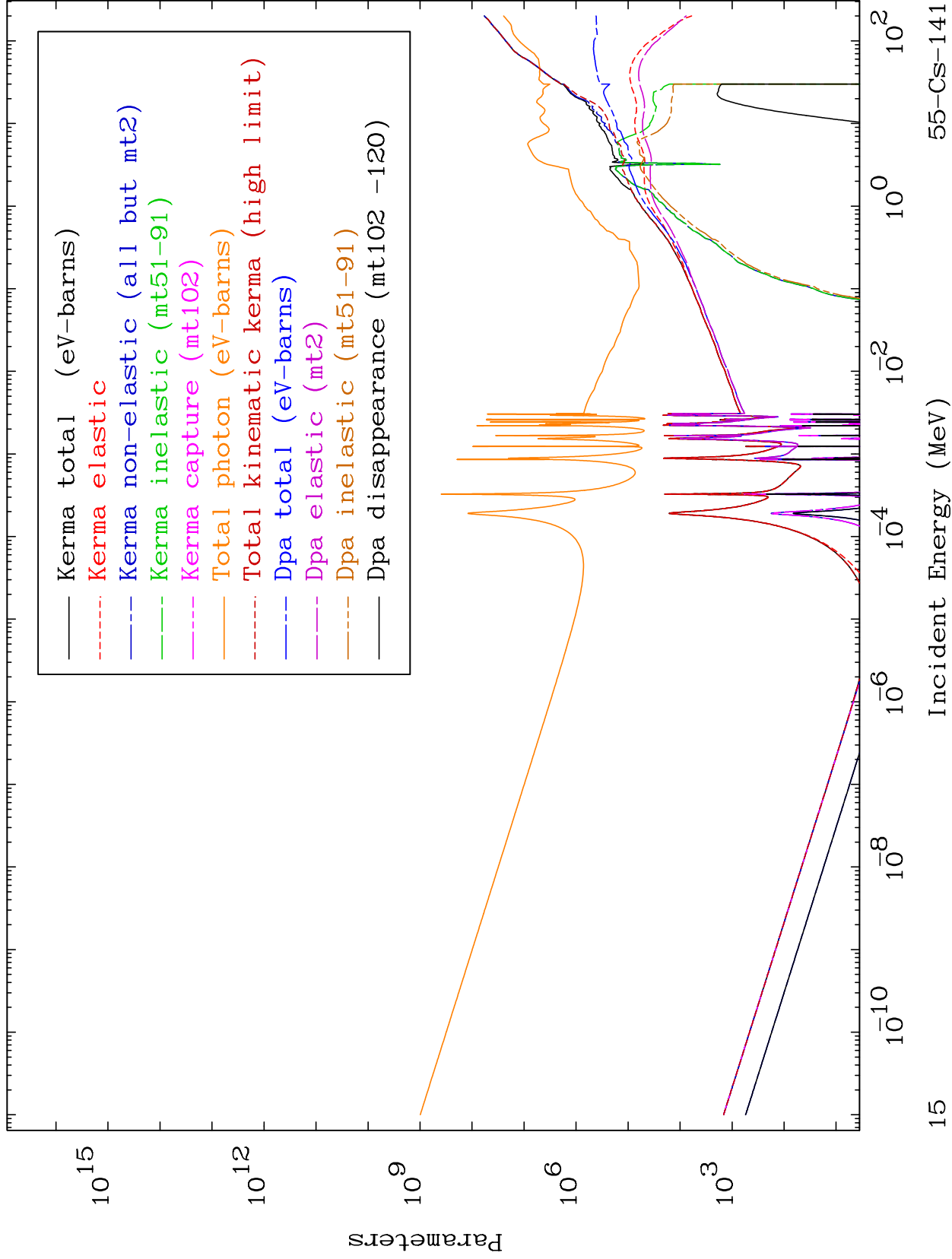
55-Cs-141



14

Incident Energy (MeV)

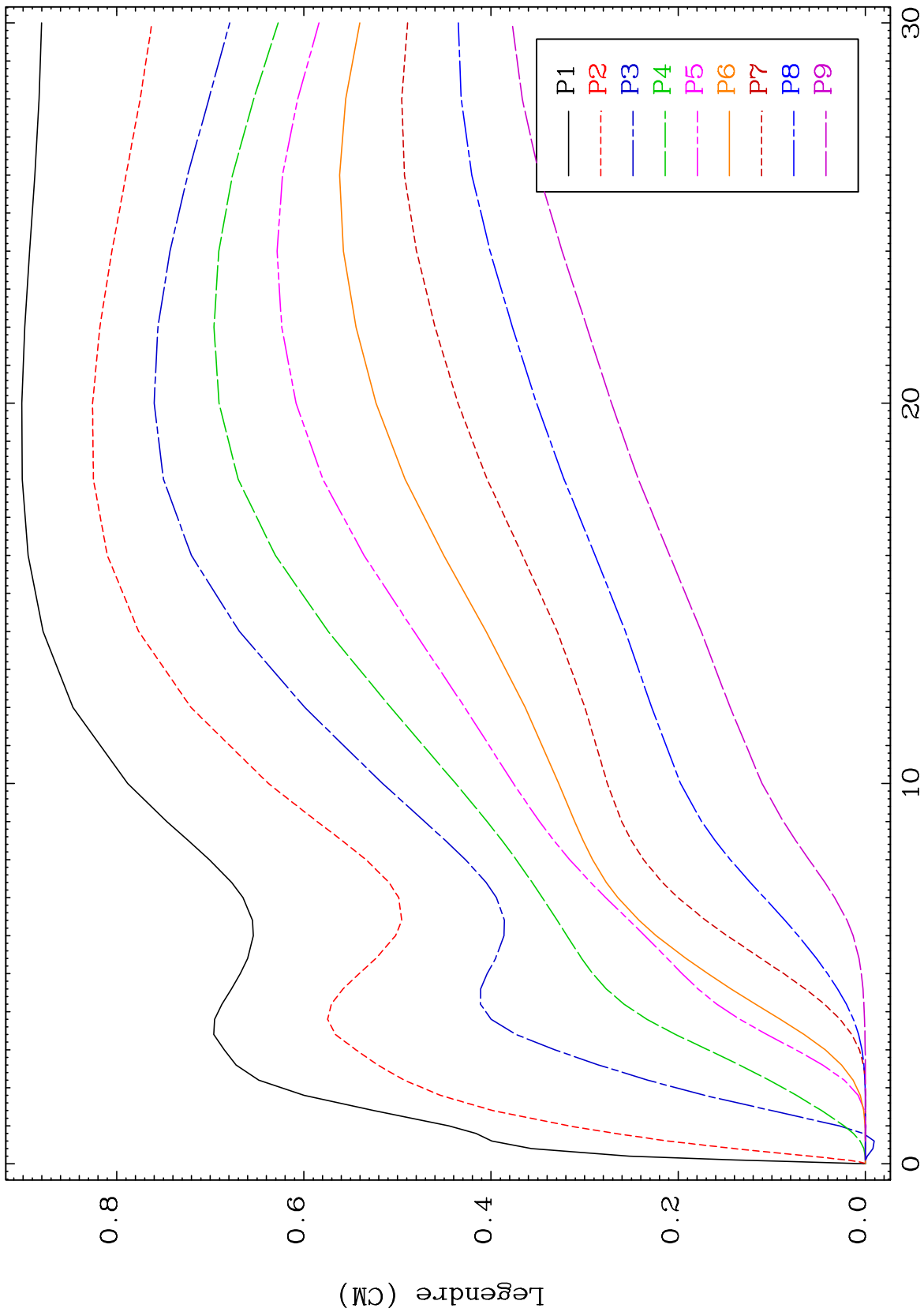
55-Cs-141



MAT 5549

55-Cs-141

Elastic Legendre Coefficients



16

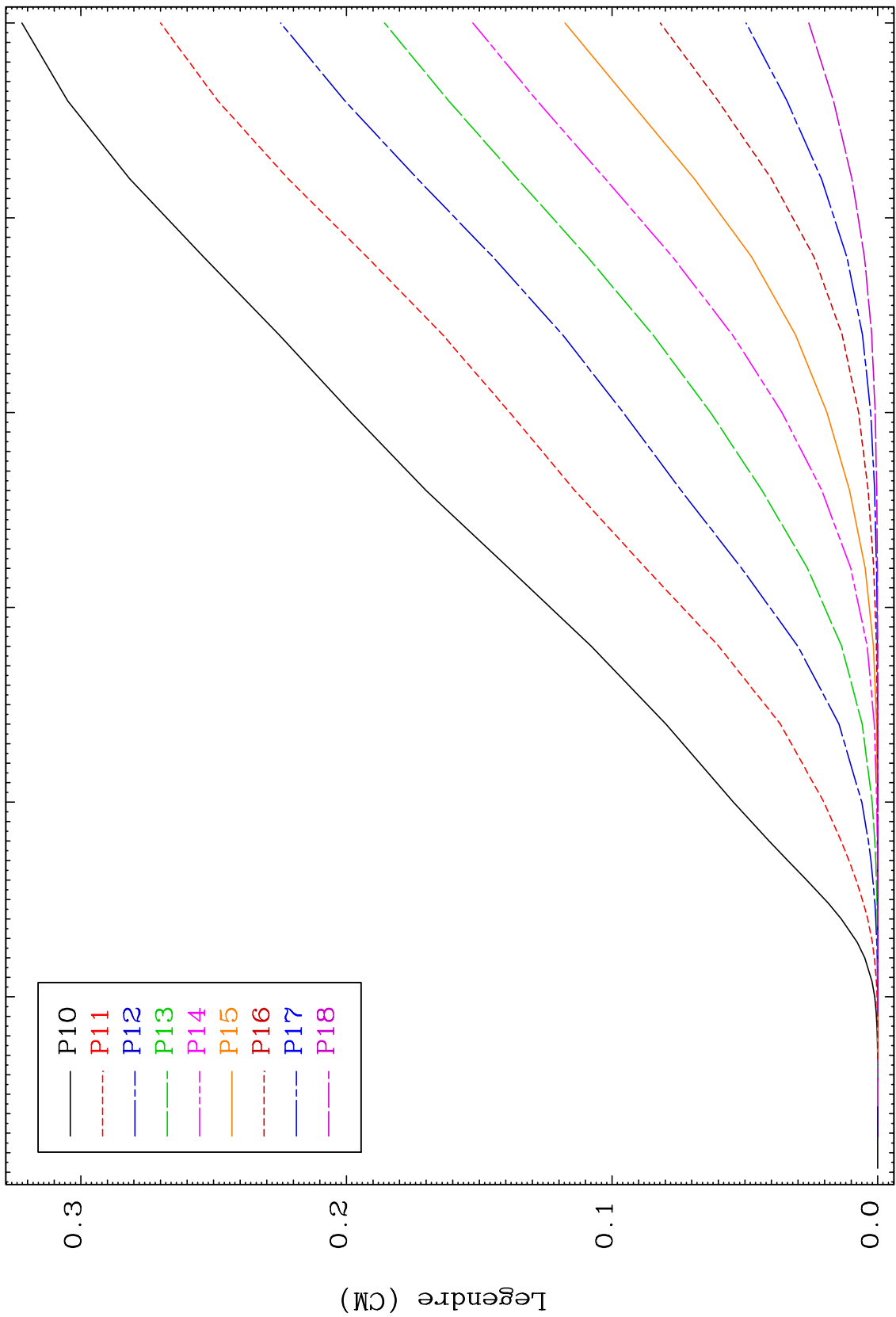
Incident Energy (MeV)

55-Cs-141

MAT 5549

Elastic Legendre Coefficients

55-Cs-141



17

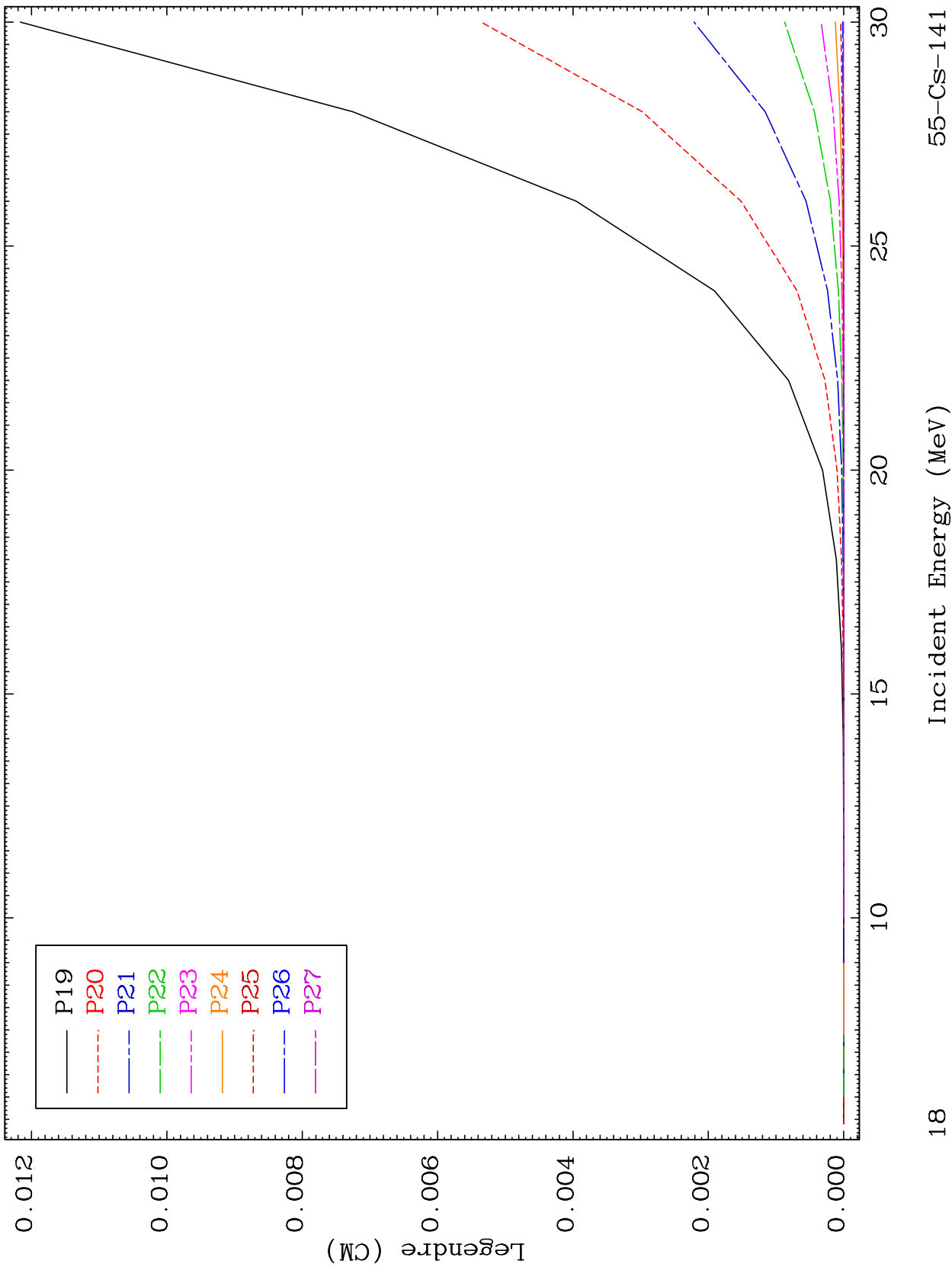
55-Cs-141

Incident Energy (MeV)

MAT 5549

Elastic Legendre Coefficients

55-Cs-141



18

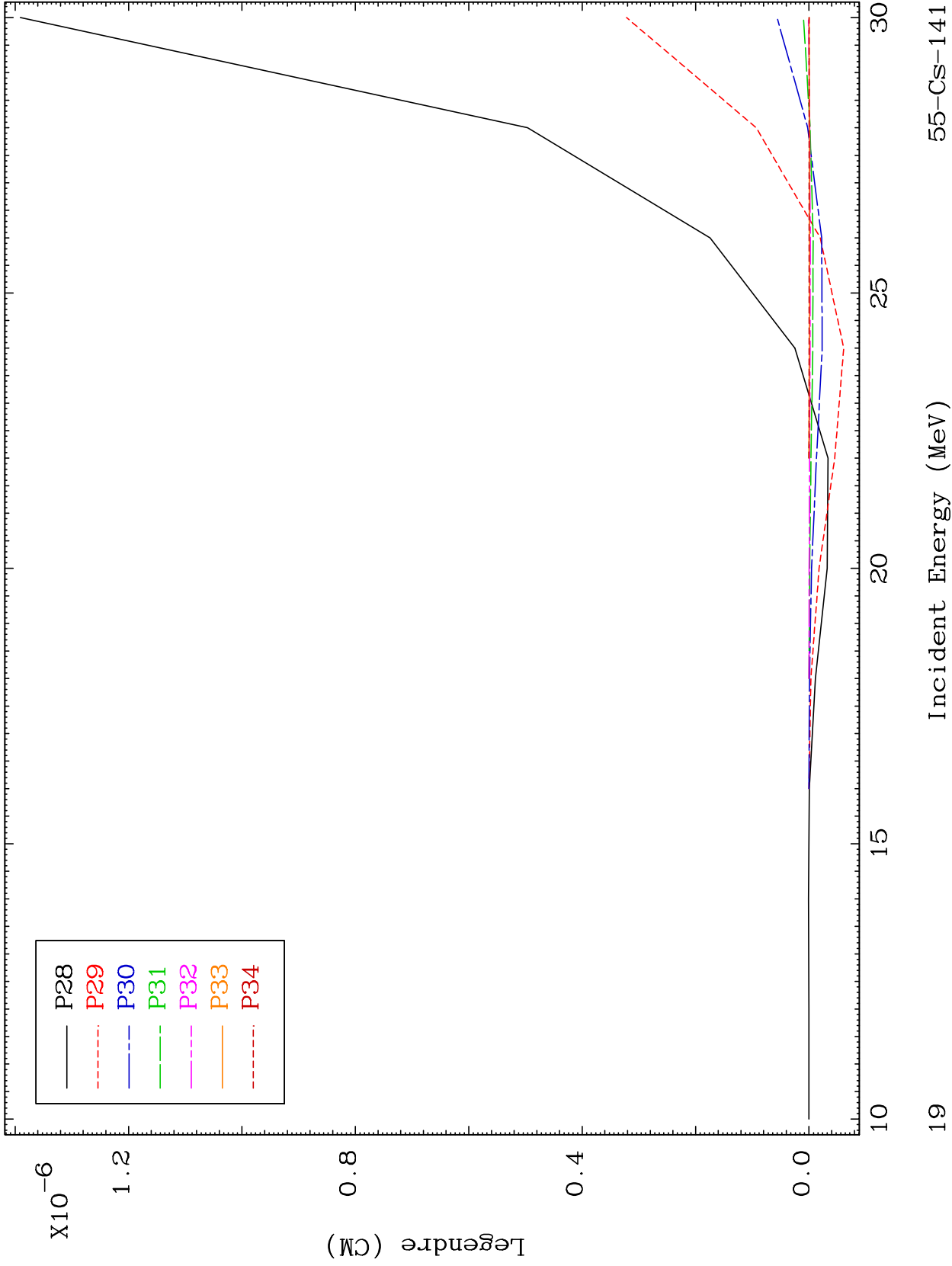
Incident Energy (MeV)

55-Cs-141

MAT 5549

Elastic
Legendre Coefficients

55-Cs-141



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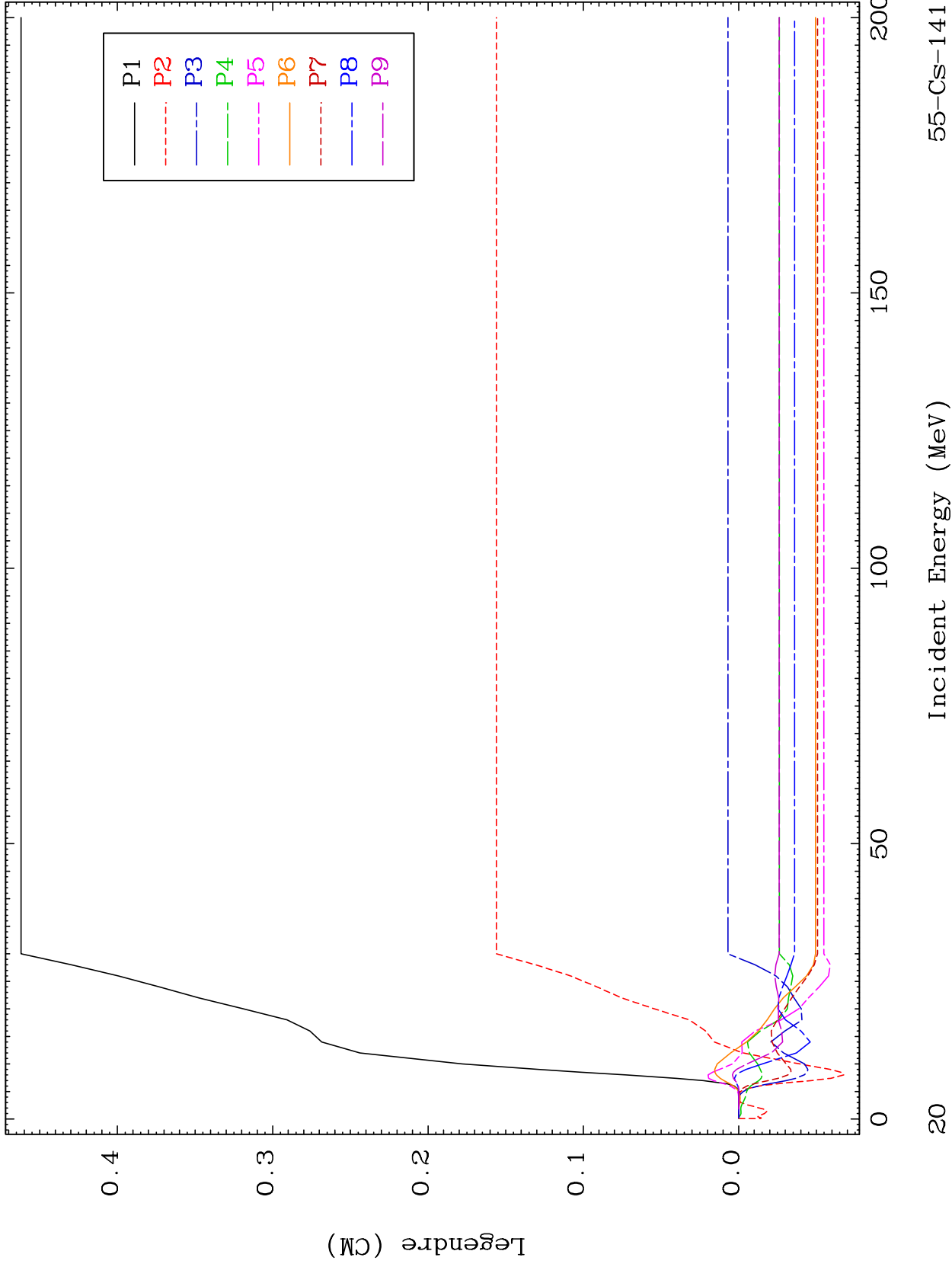
Incident Energy (MeV)

55-Cs-141

MAT 5549

69.05 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

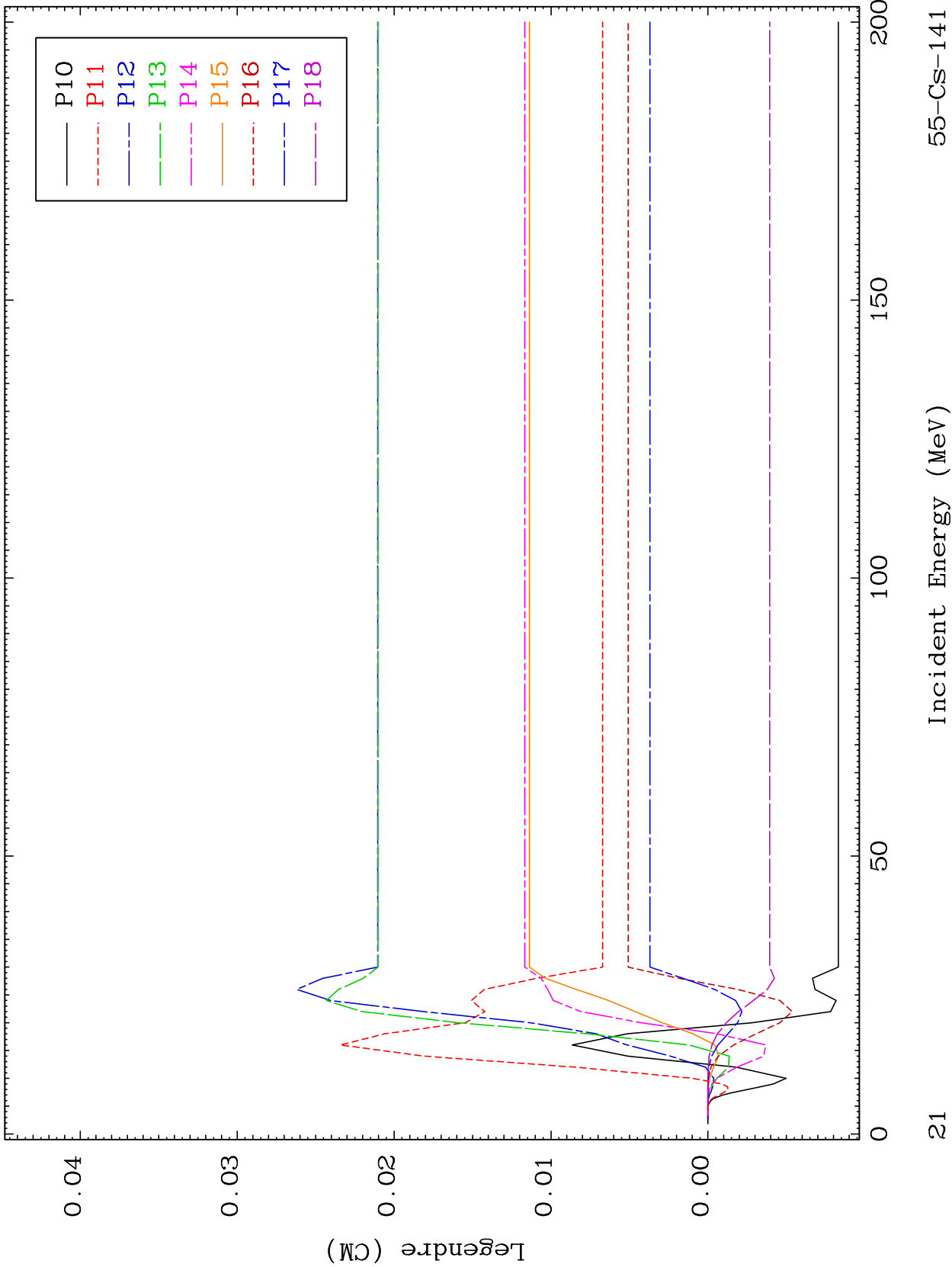
Incident Energy (MeV)

0

MAT 5549

69.05 keV (n,n') Level
Legendre Coefficients

55-Cs-141



21

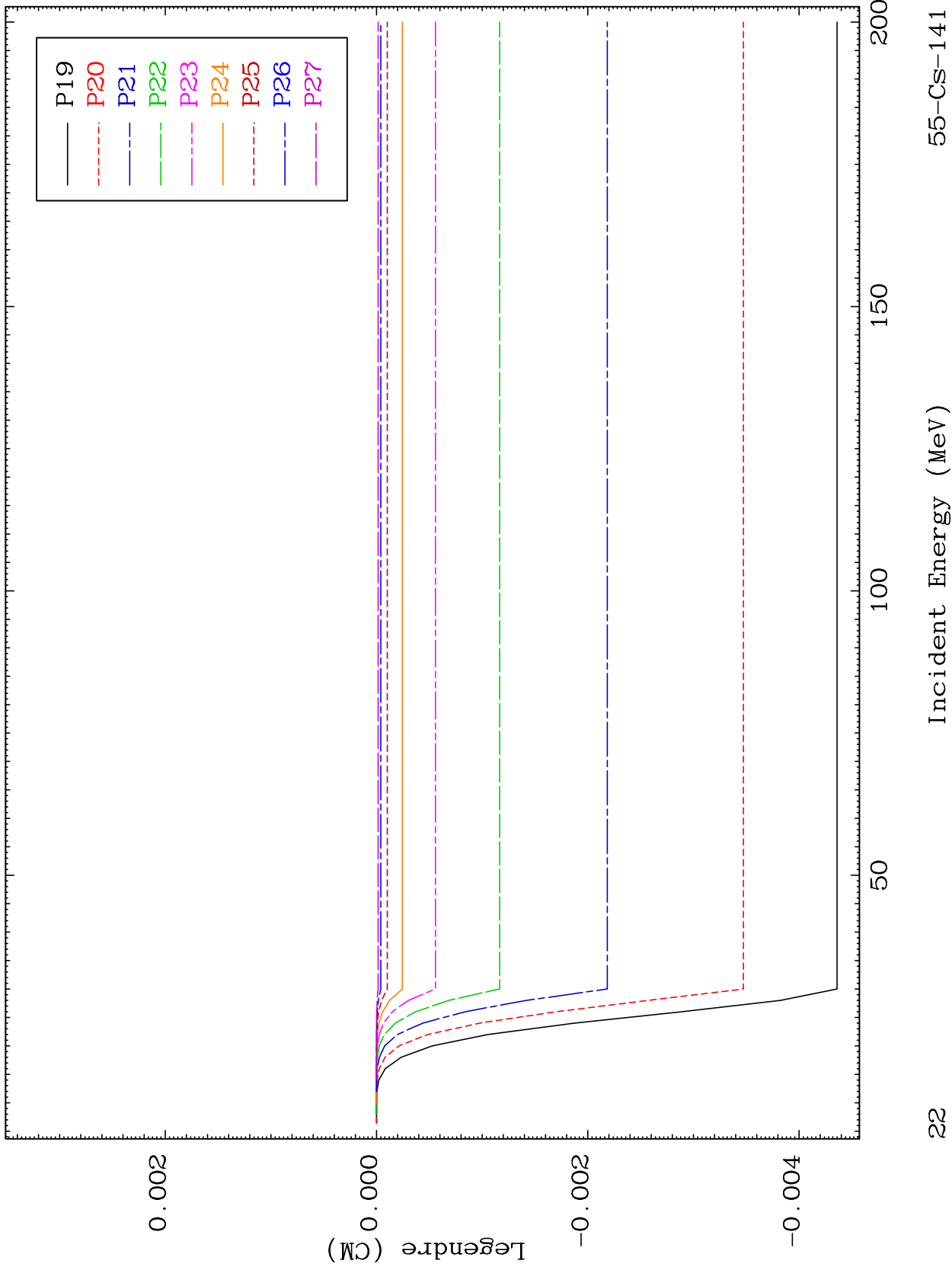
Incident Energy (MeV)

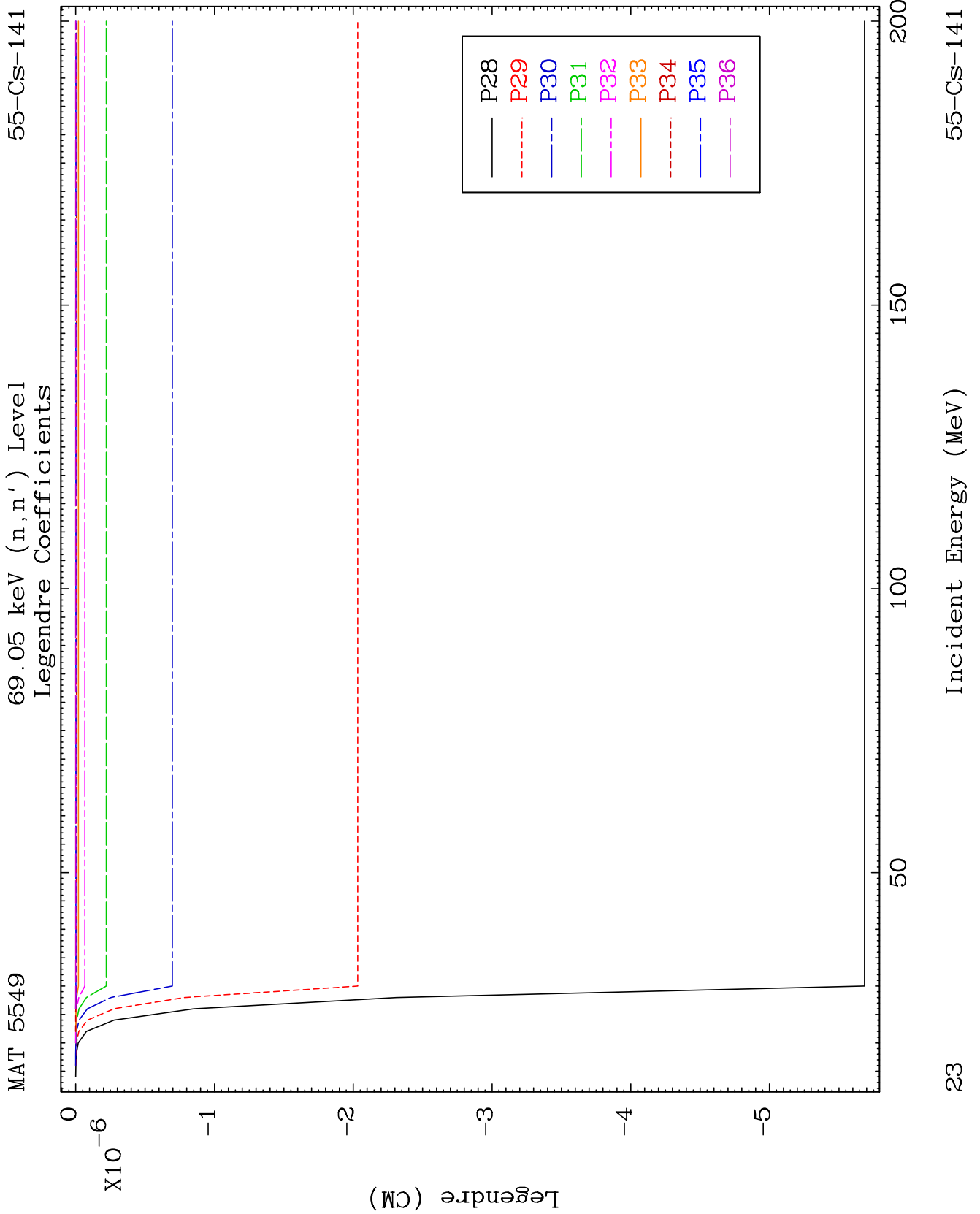
55-Cs-141

MAT 5549

69.05 keV (n,n') Level
Legendre Coefficients

55-Cs-141

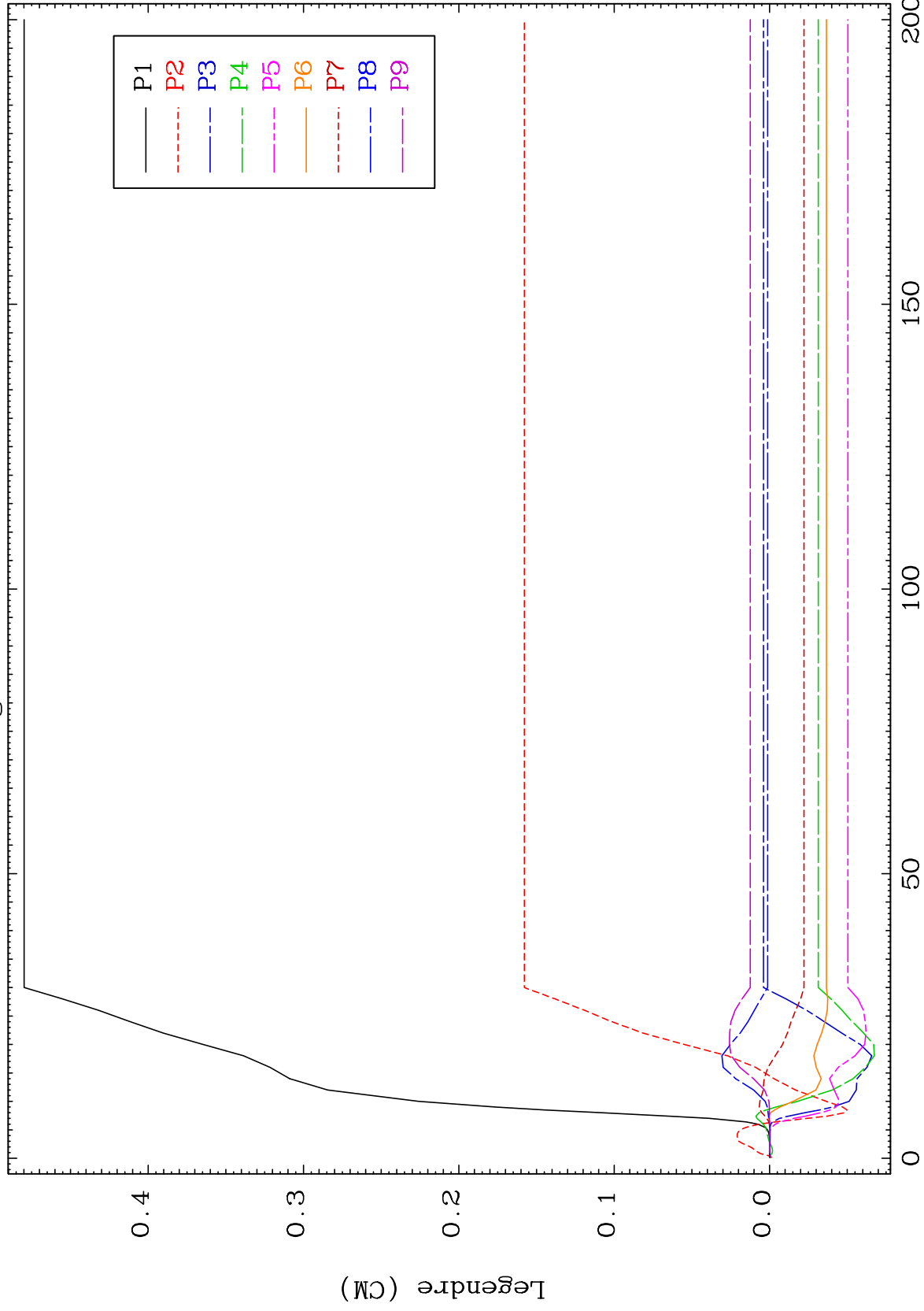




MAT 5549

105.9 keV (n,n') Level
Legendre Coefficients

55-Cs-141



24

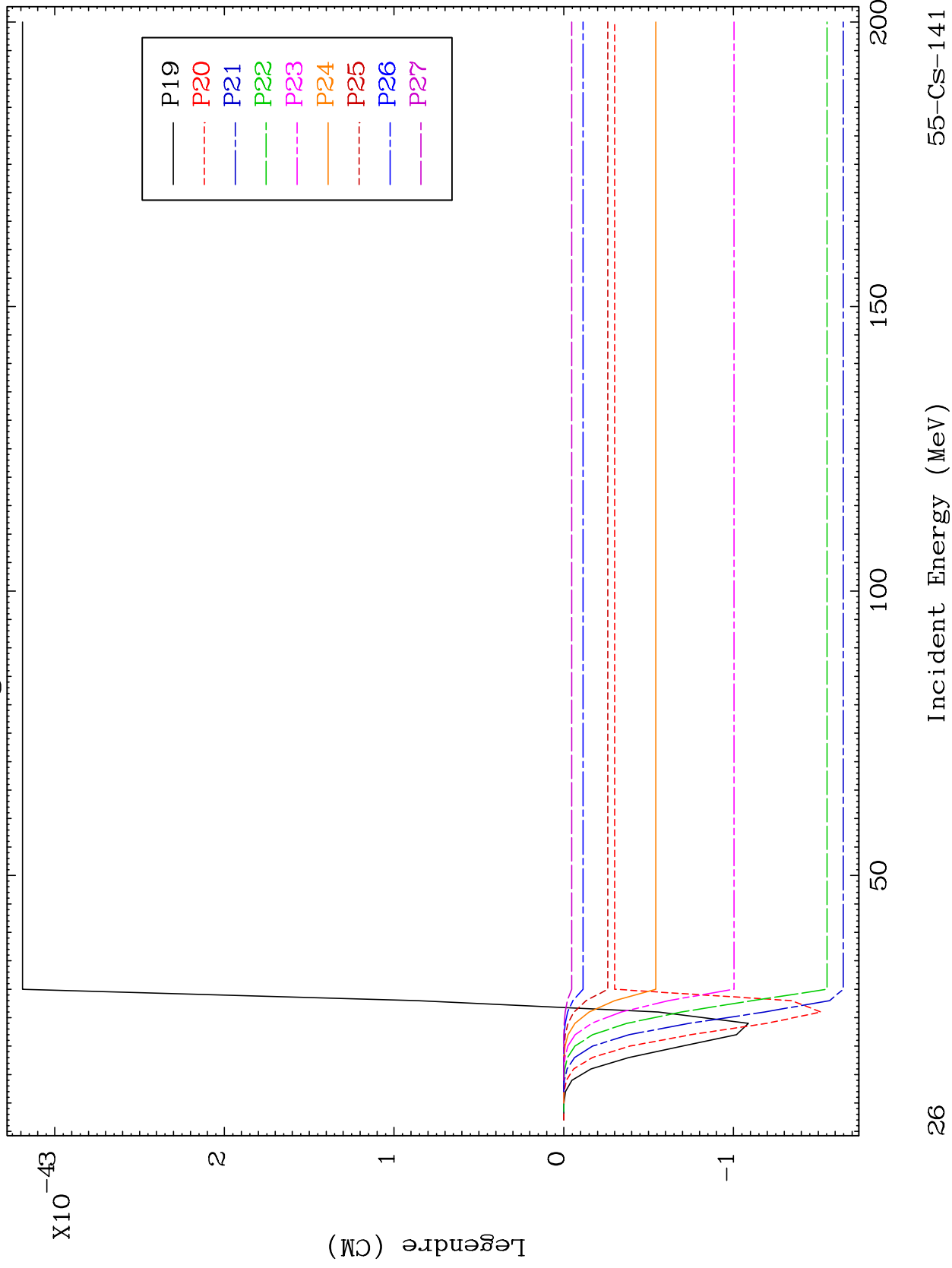
Incident Energy (MeV)

55-Cs-141

MAT 5549

105.9 keV (n, n') Level
Legendre Coefficients

55-Cs-141



26

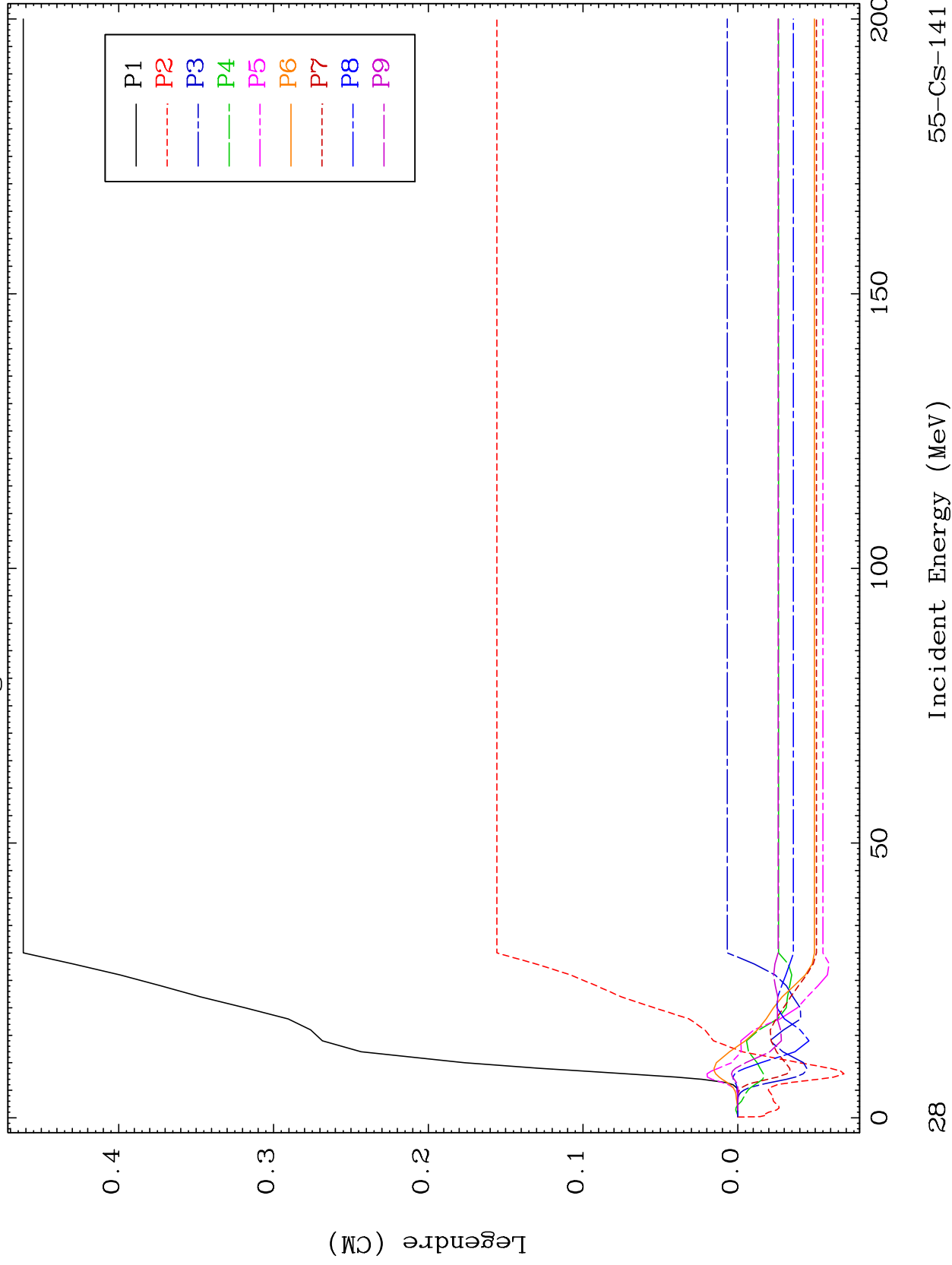
Incident Energy (MeV)

55-Cs-141

MAT 5549

116.8 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

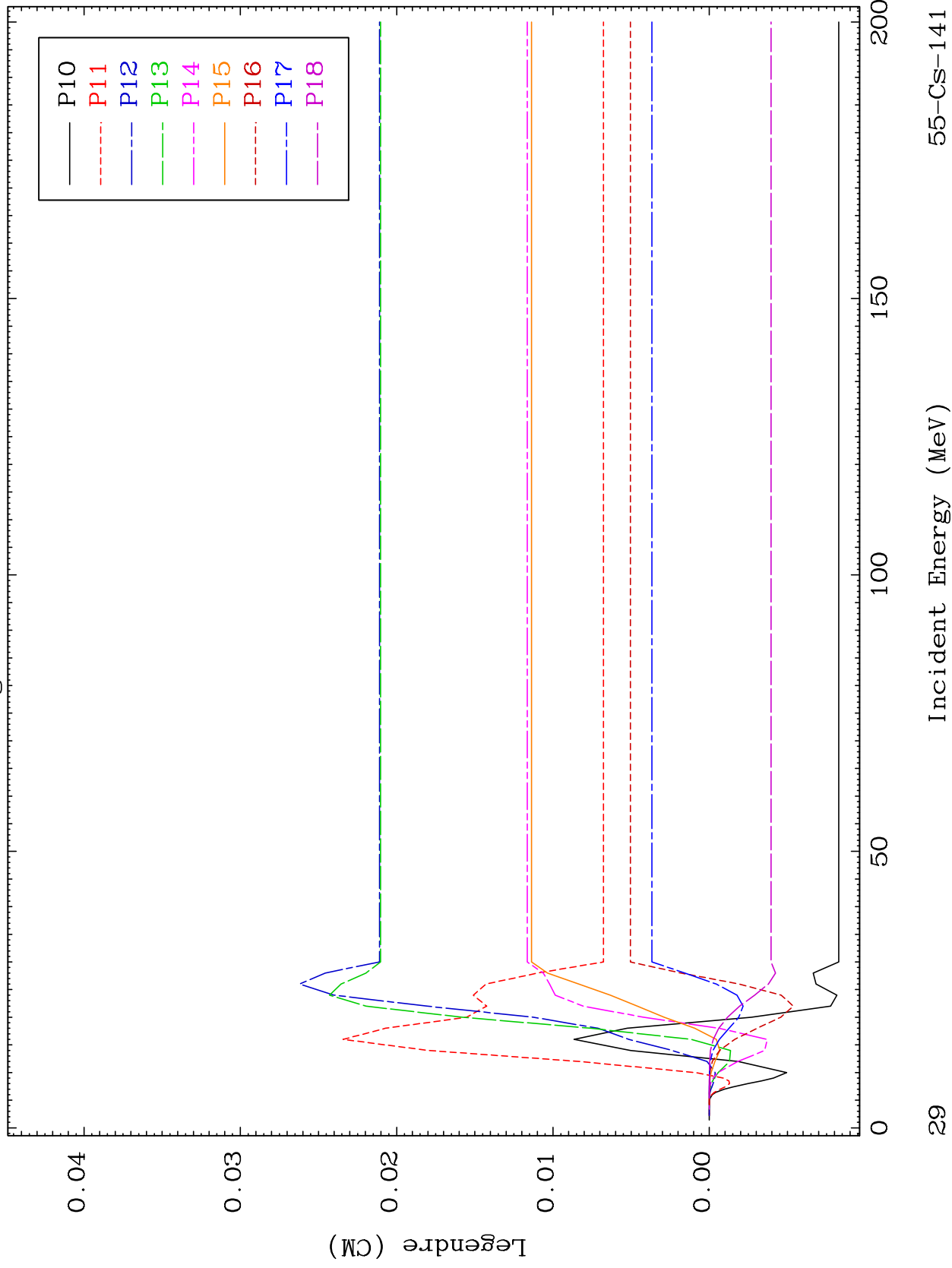
Incident Energy (MeV)

28

MAT 5549

116.8 keV (n,n') Level
Legendre Coefficients

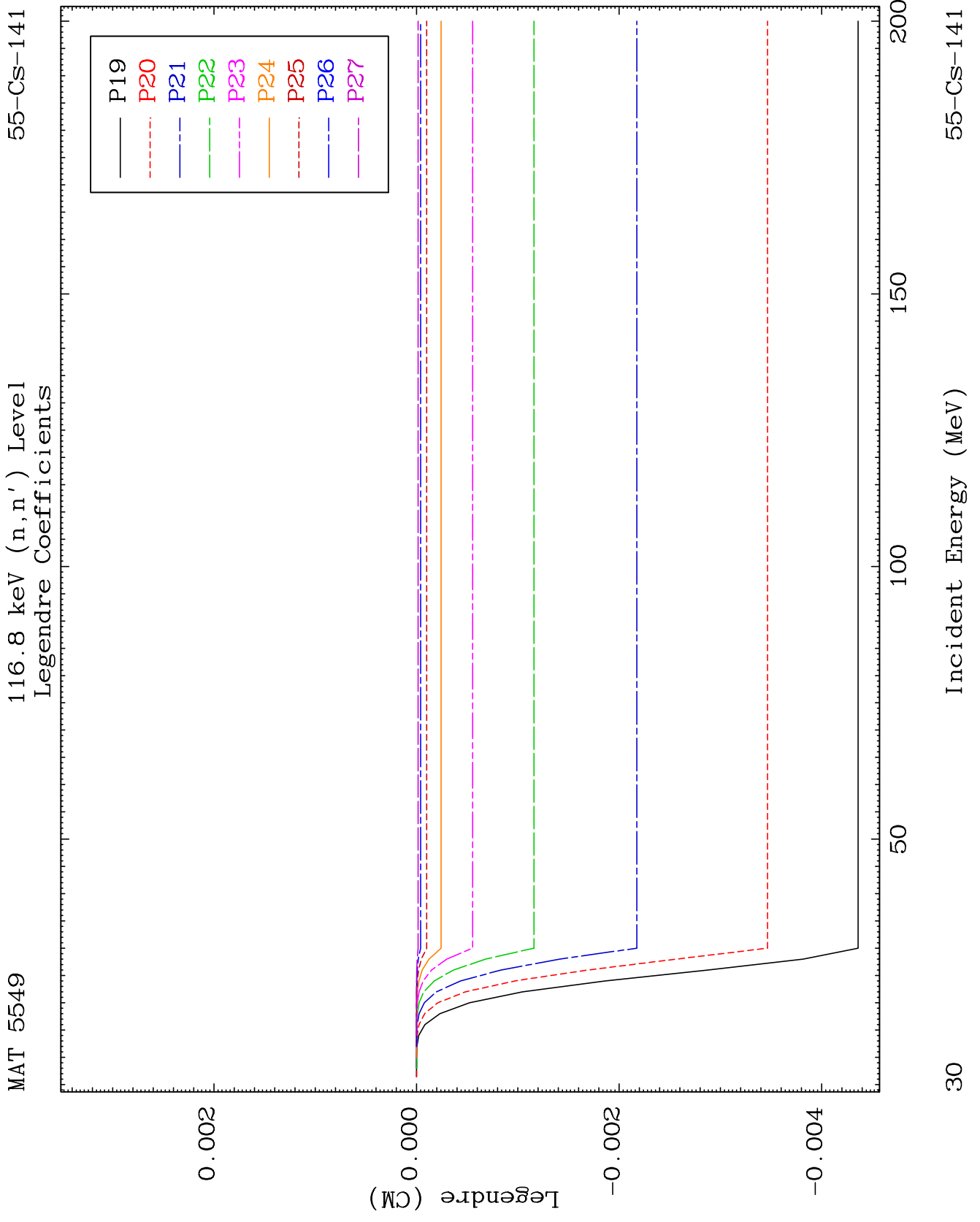
55-Cs-141

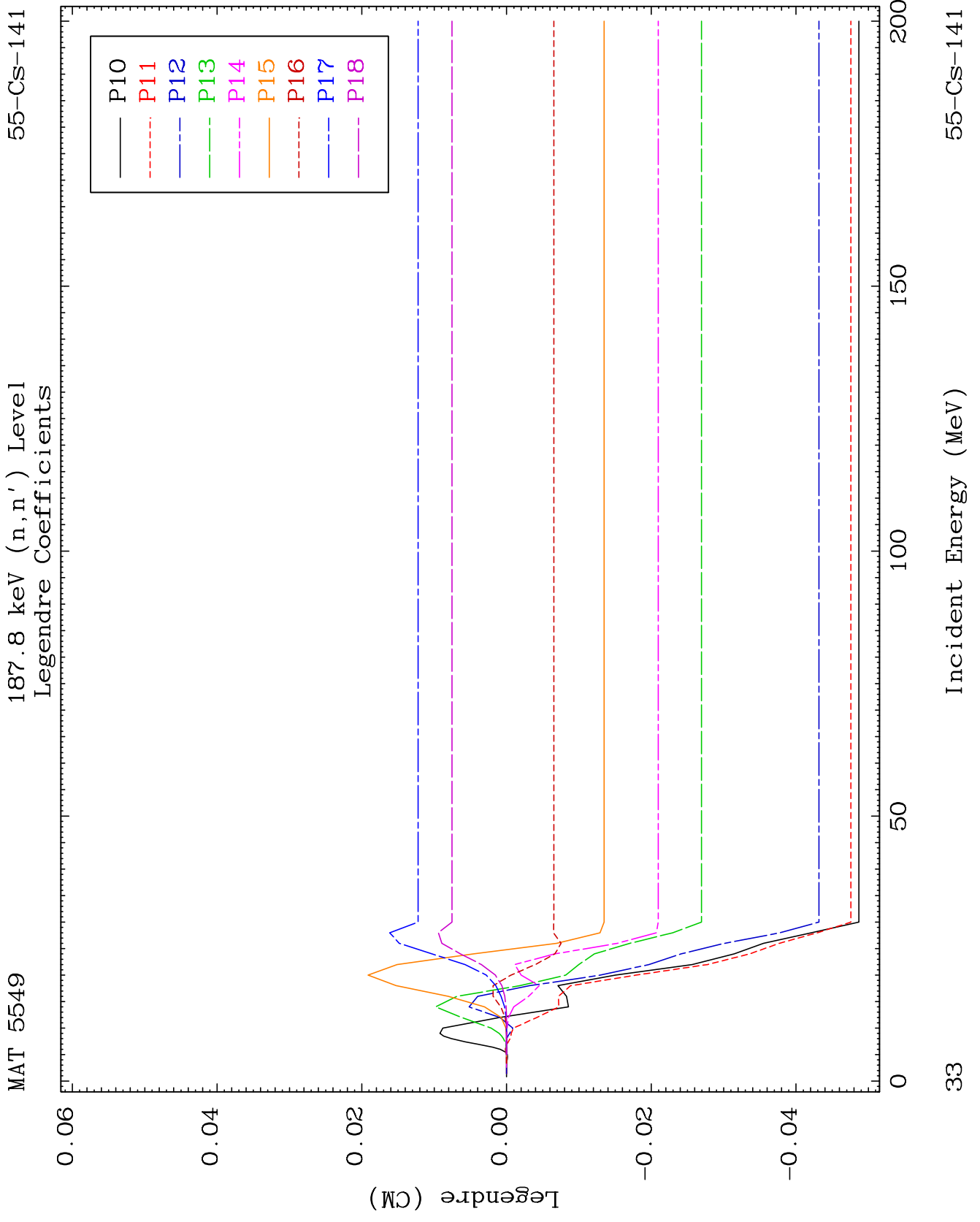


29

Incident Energy (MeV)

55-Cs-141

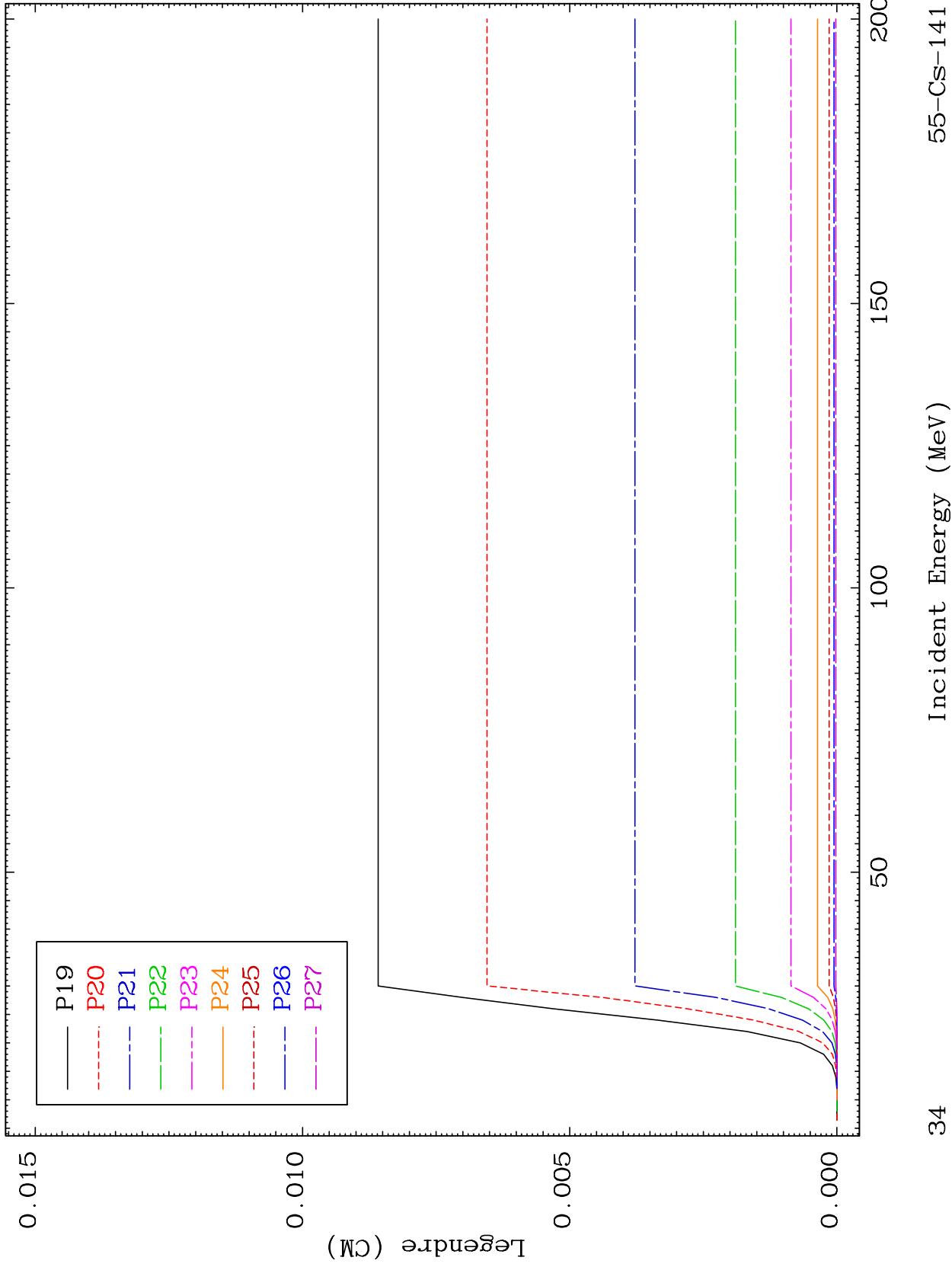




MAT 5549

187.8 keV (n,n') Level
Legendre Coefficients

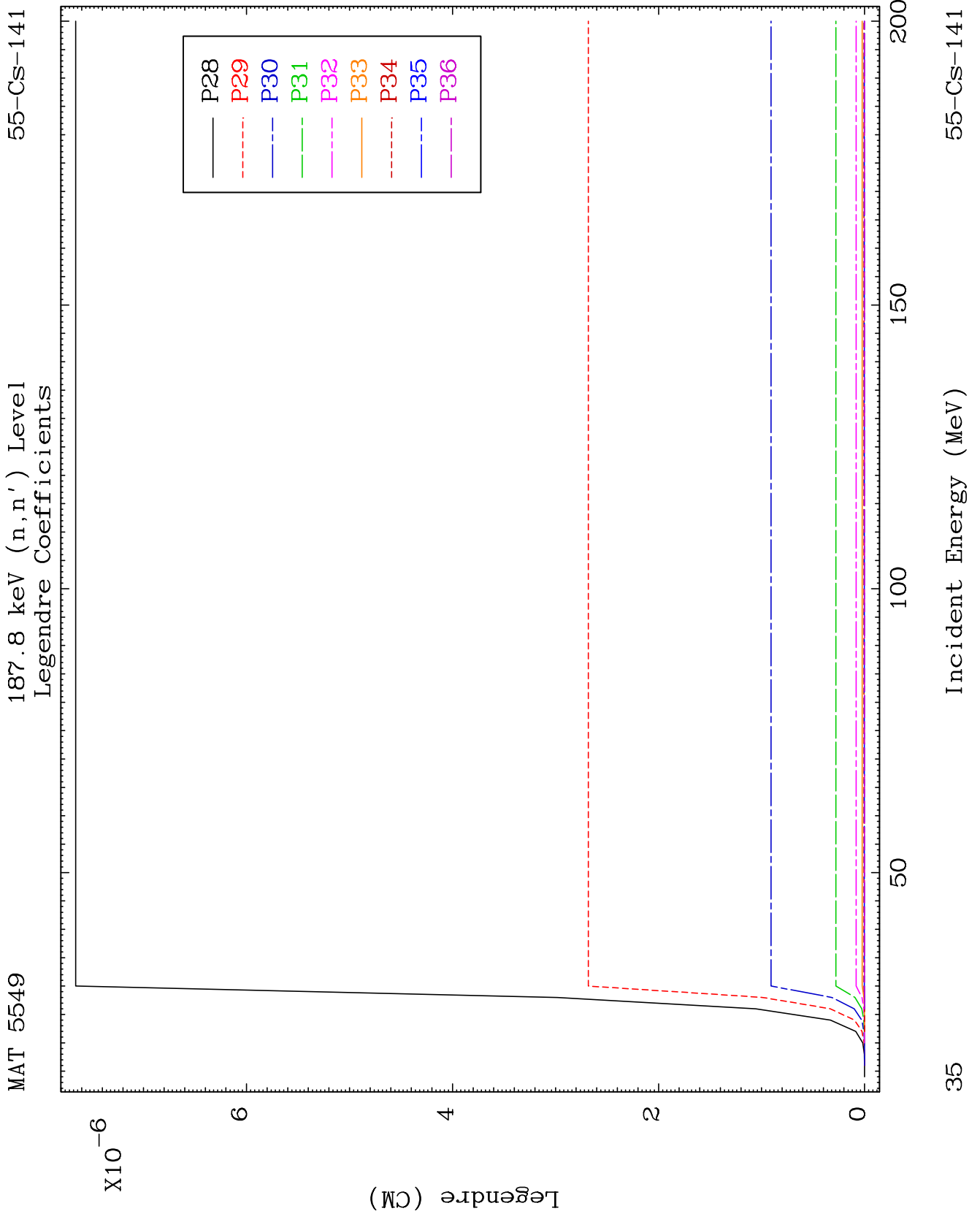
55-Cs-141



34

Incident Energy (MeV)

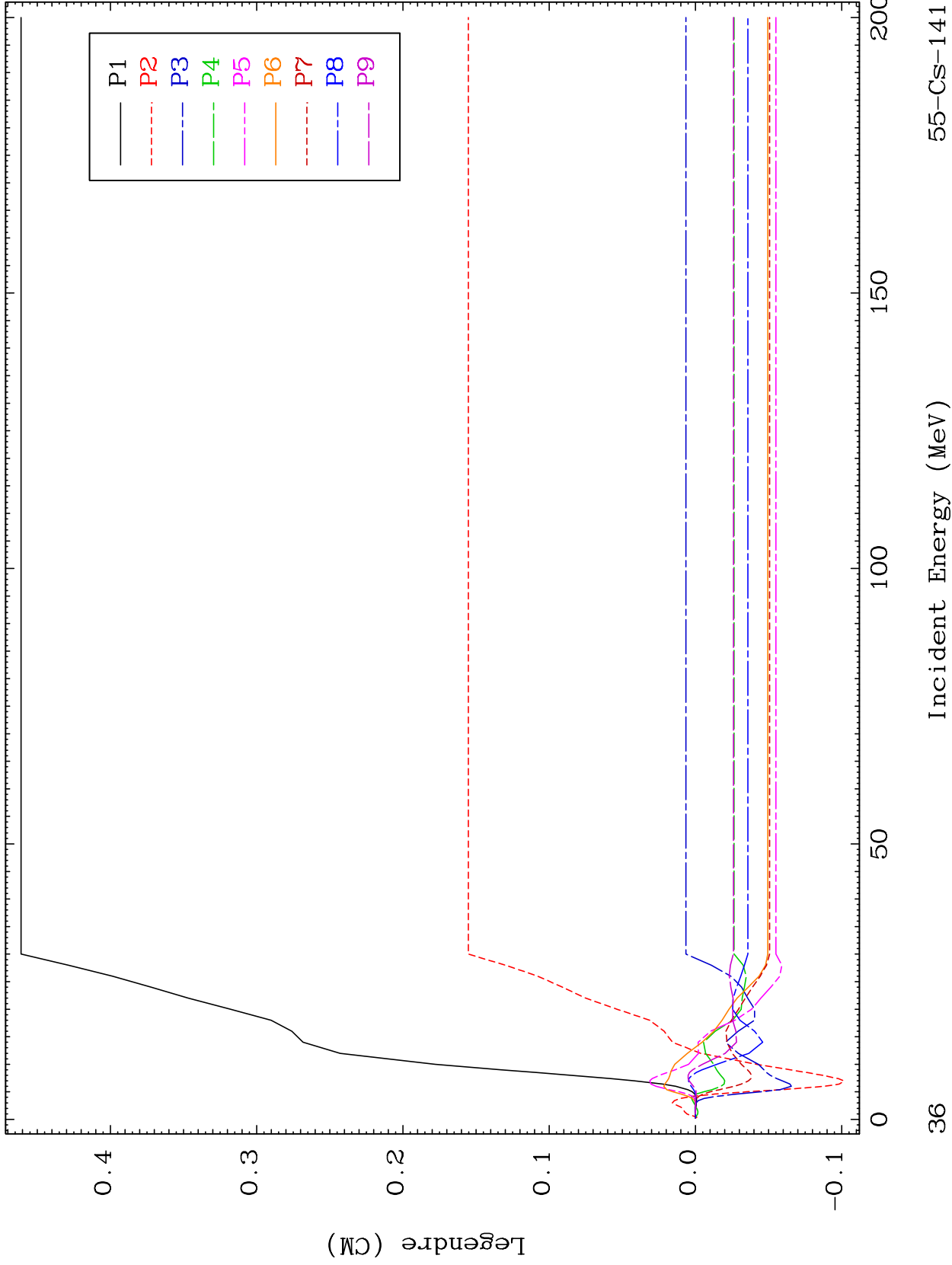
55-Cs-141



MAT 5549

206.6 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

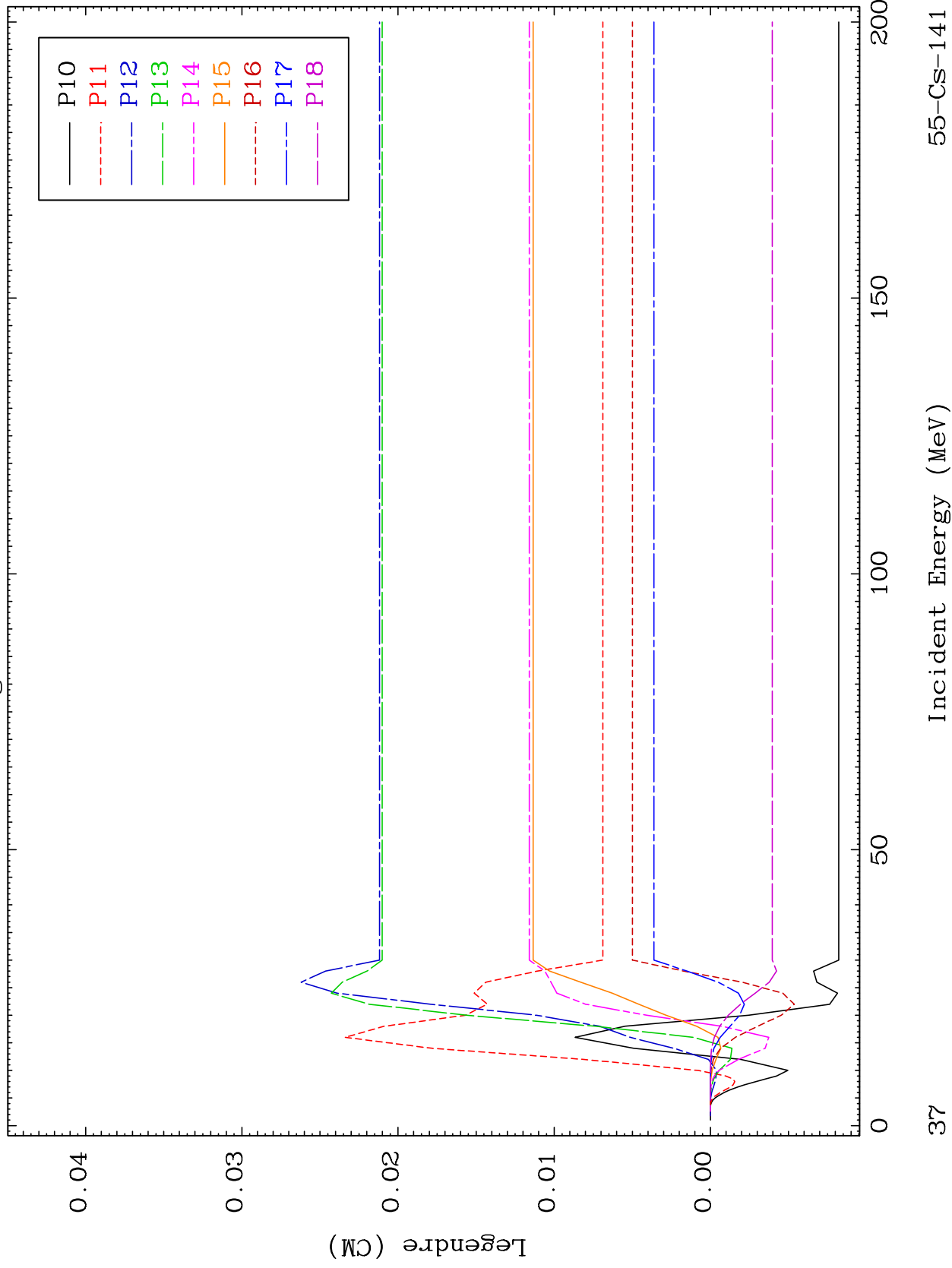
Incident Energy (MeV)

36

MAT 5549

206.6 keV (n,n') Level
Legendre Coefficients

55-Cs-141



37

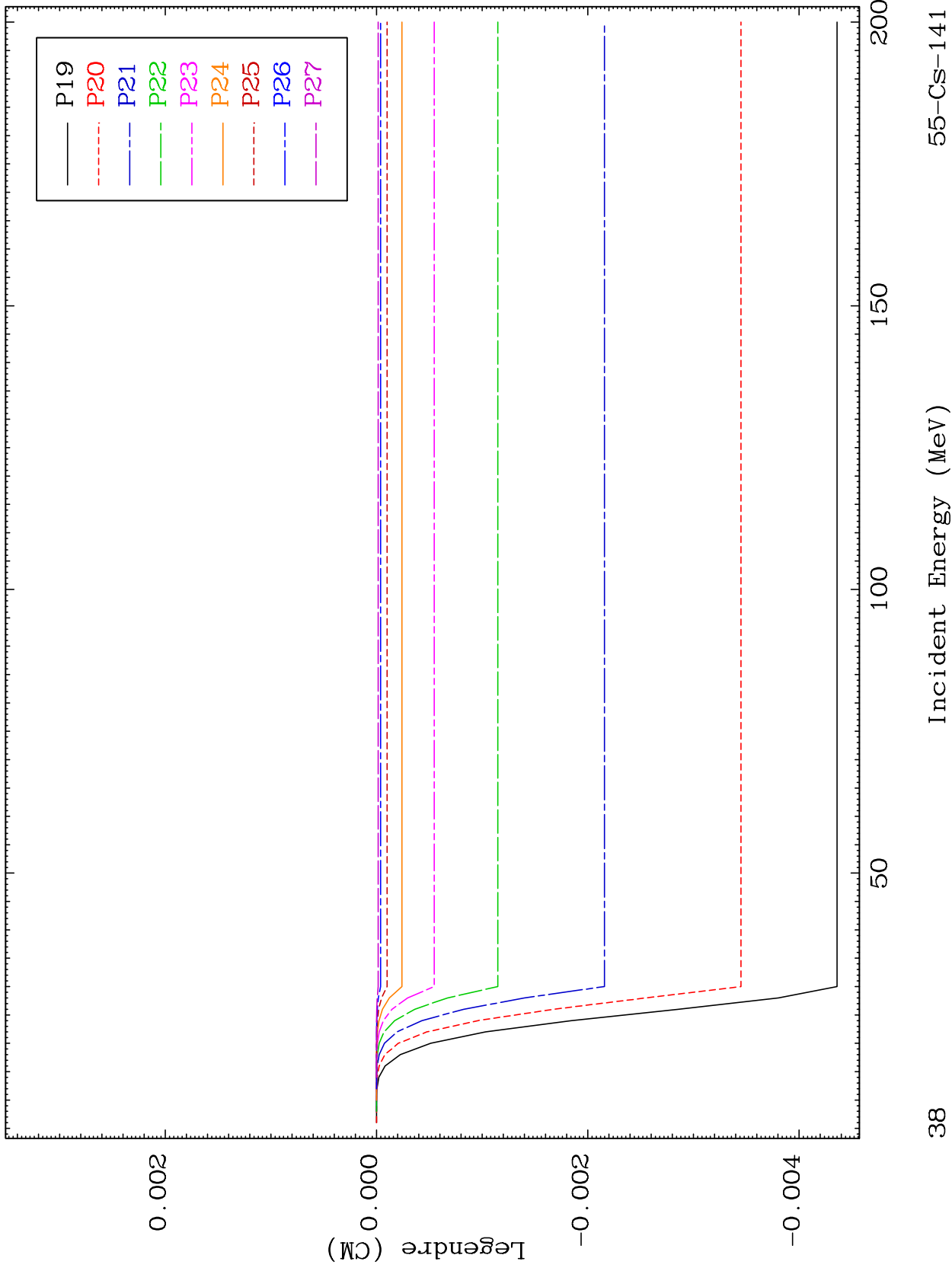
Incident Energy (MeV)

55-Cs-141

MAT 5549

206.6 keV (n,n') Level
Legendre Coefficients

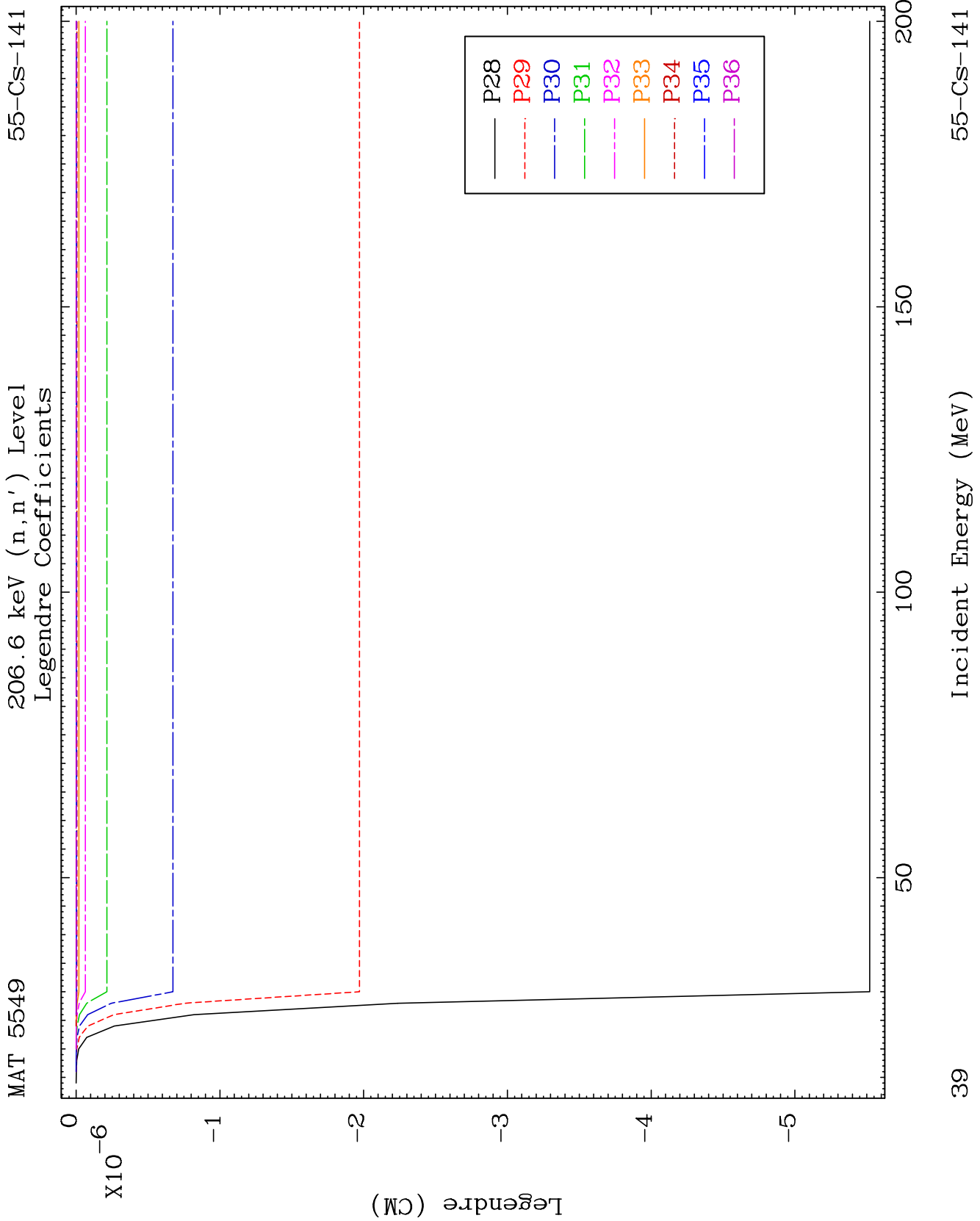
55-Cs-141



38

Incident Energy (MeV)

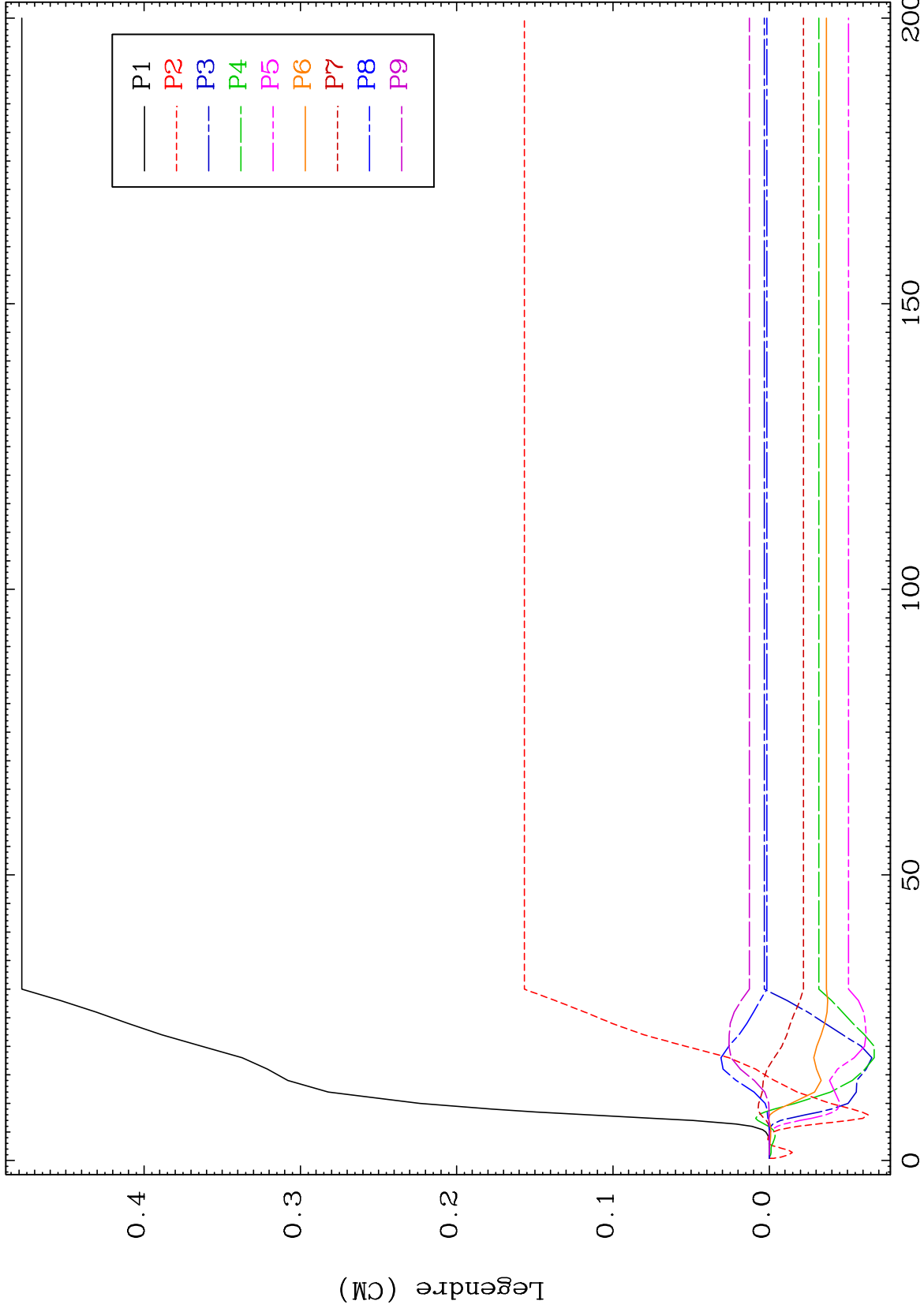
55-Cs-141



MAT 5549

369.5 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

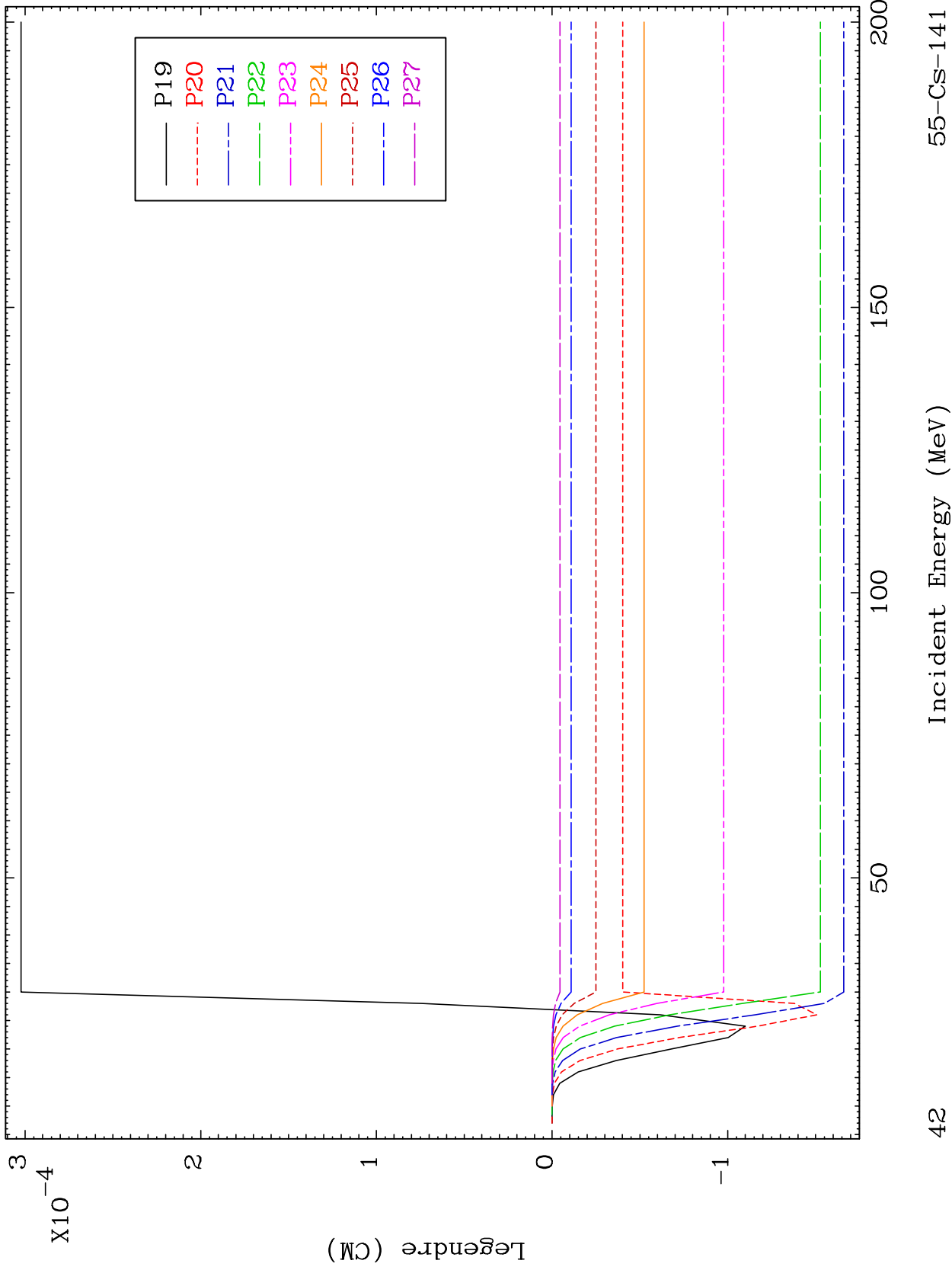
Incident Energy (MeV)

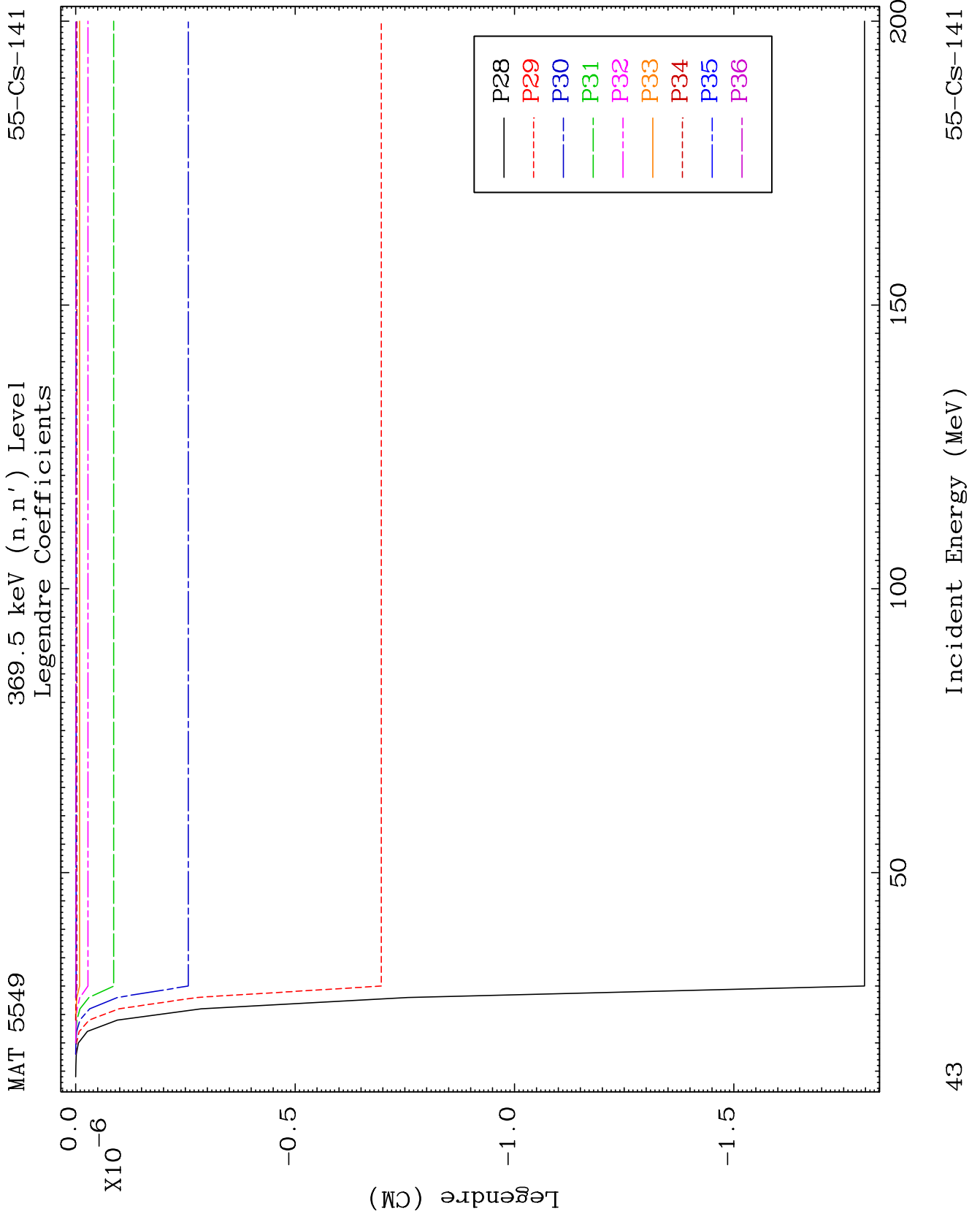
40

MAT 5549

369.5 keV (n,n') Level
Legendre Coefficients

55-Cs-141

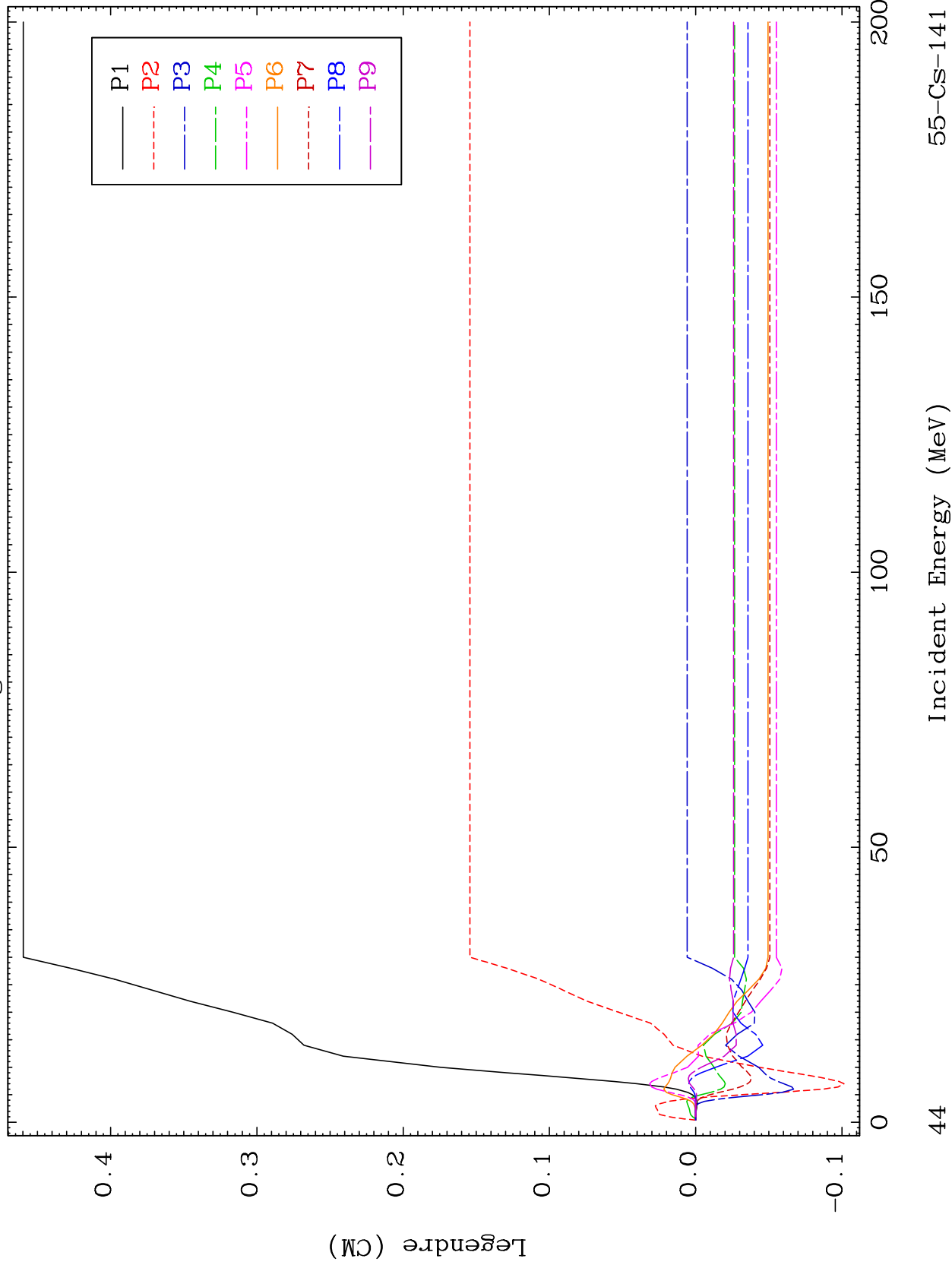




MAT 5549

389.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141

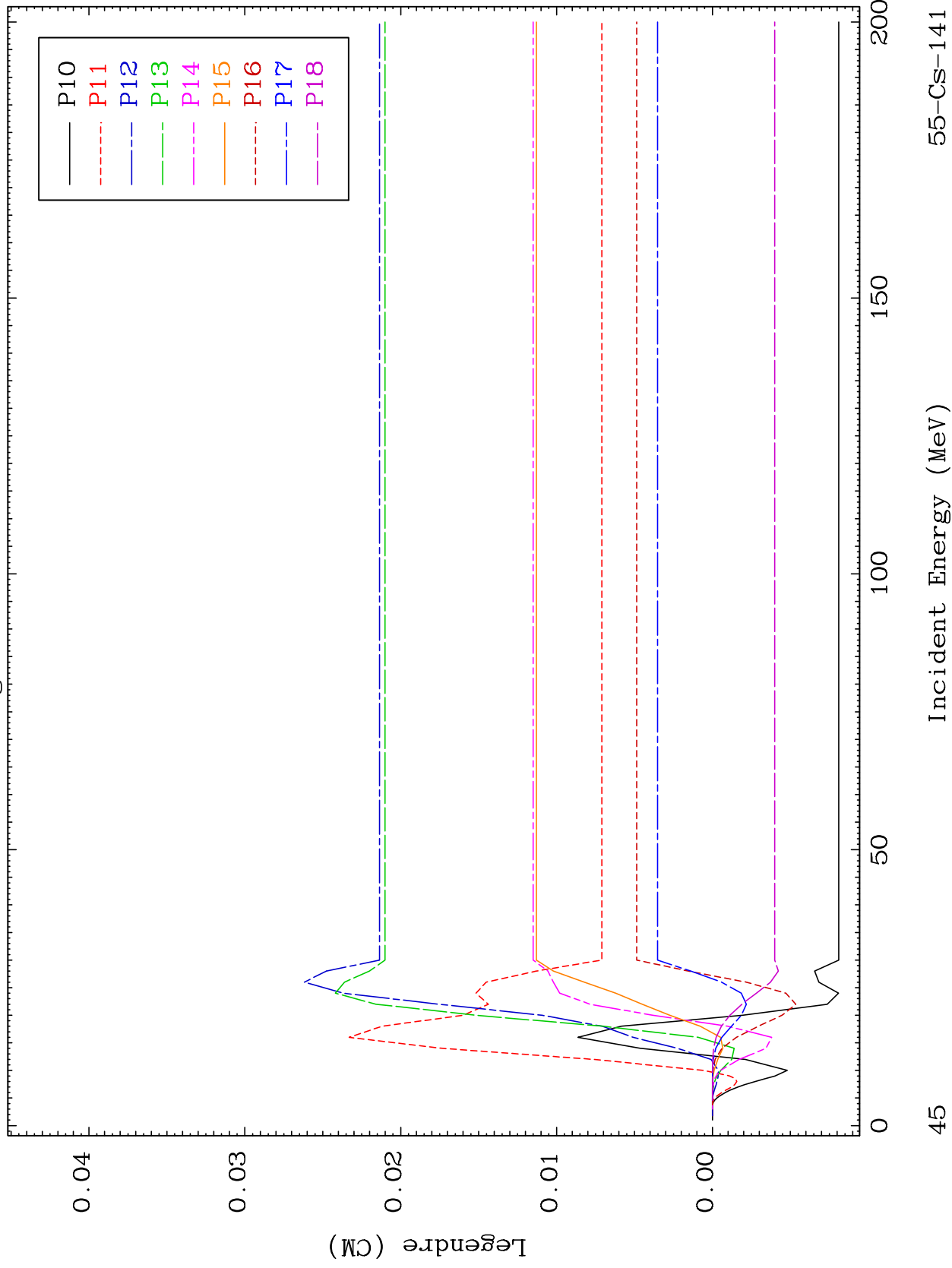


44

MAT 5549

389.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

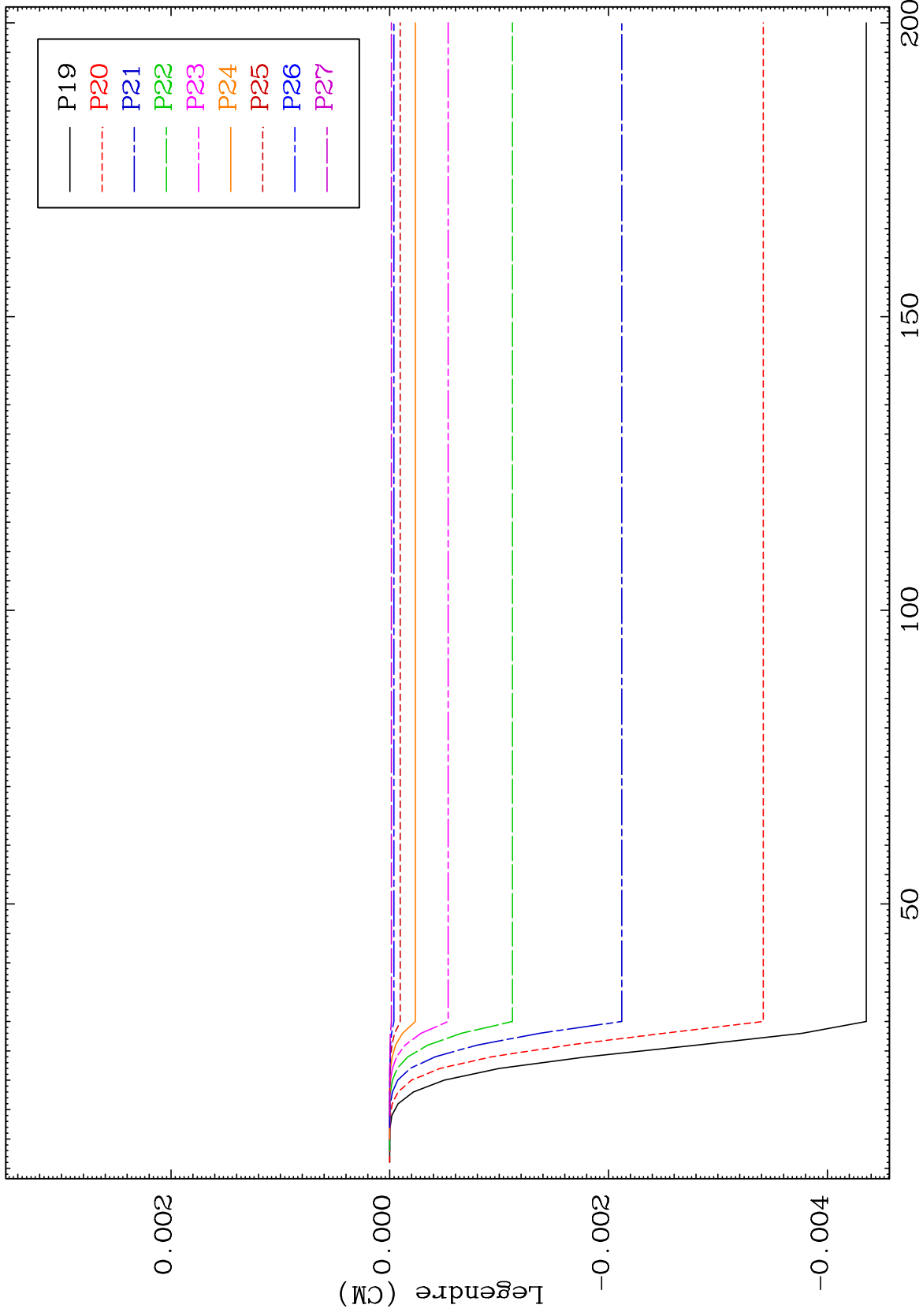
Incident Energy (MeV)

45

MAT 5549

389.0 keV (n,n') Level
Legendre Coefficients

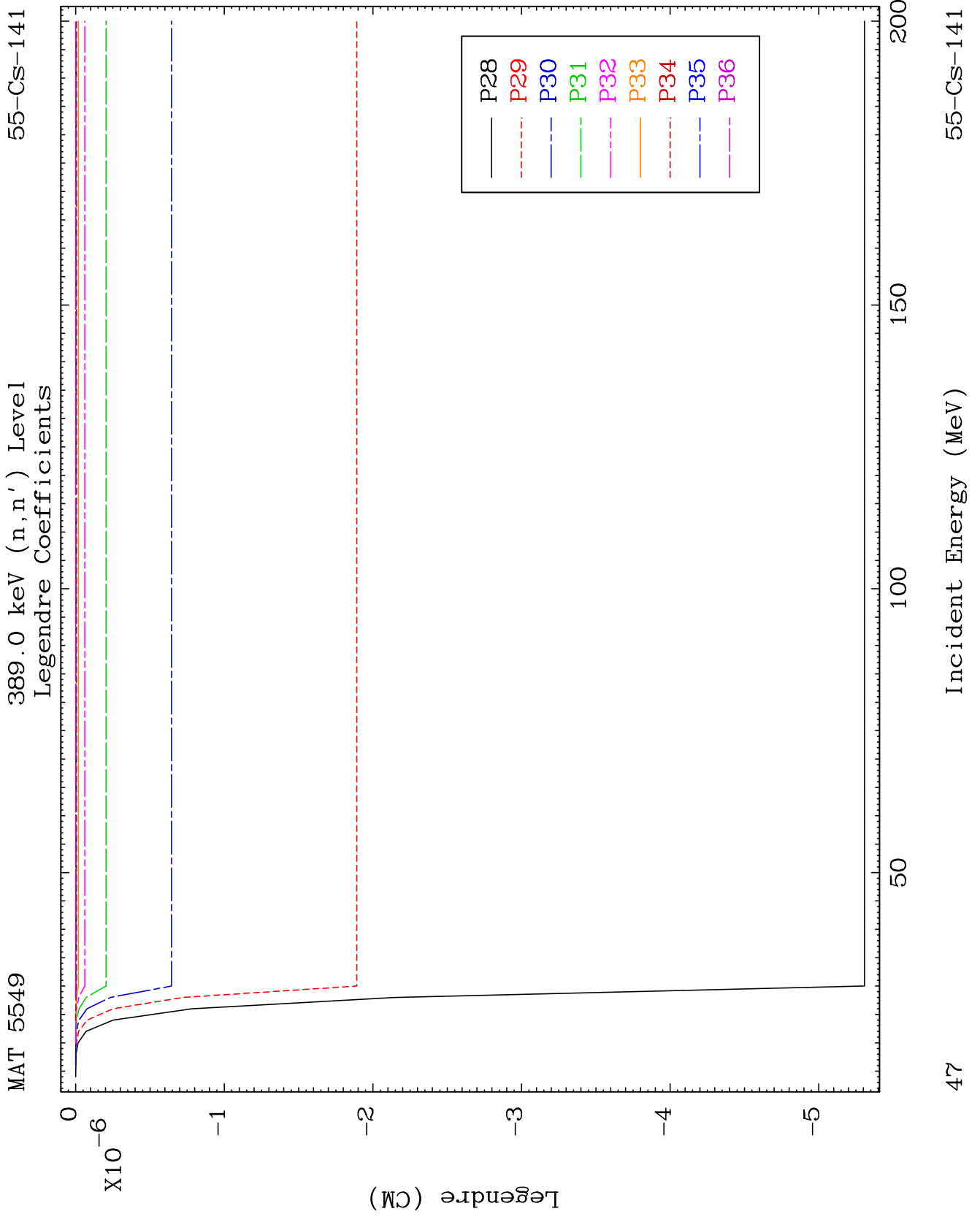
55-Cs-141



46

Incident Energy (MeV)

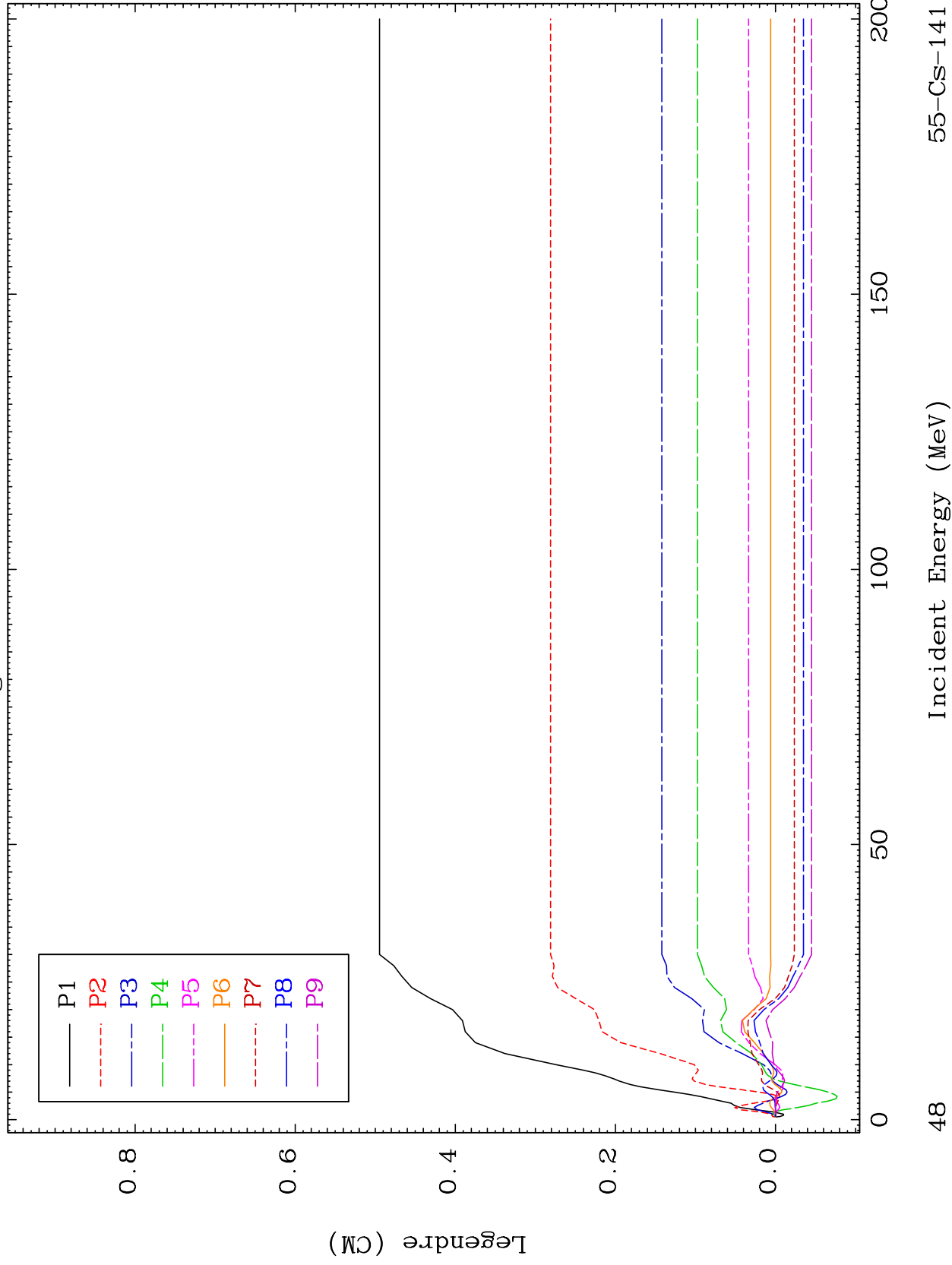
55-Cs-141



MAT 5549

468.0 keV (n,n') Level
Legendre Coefficients

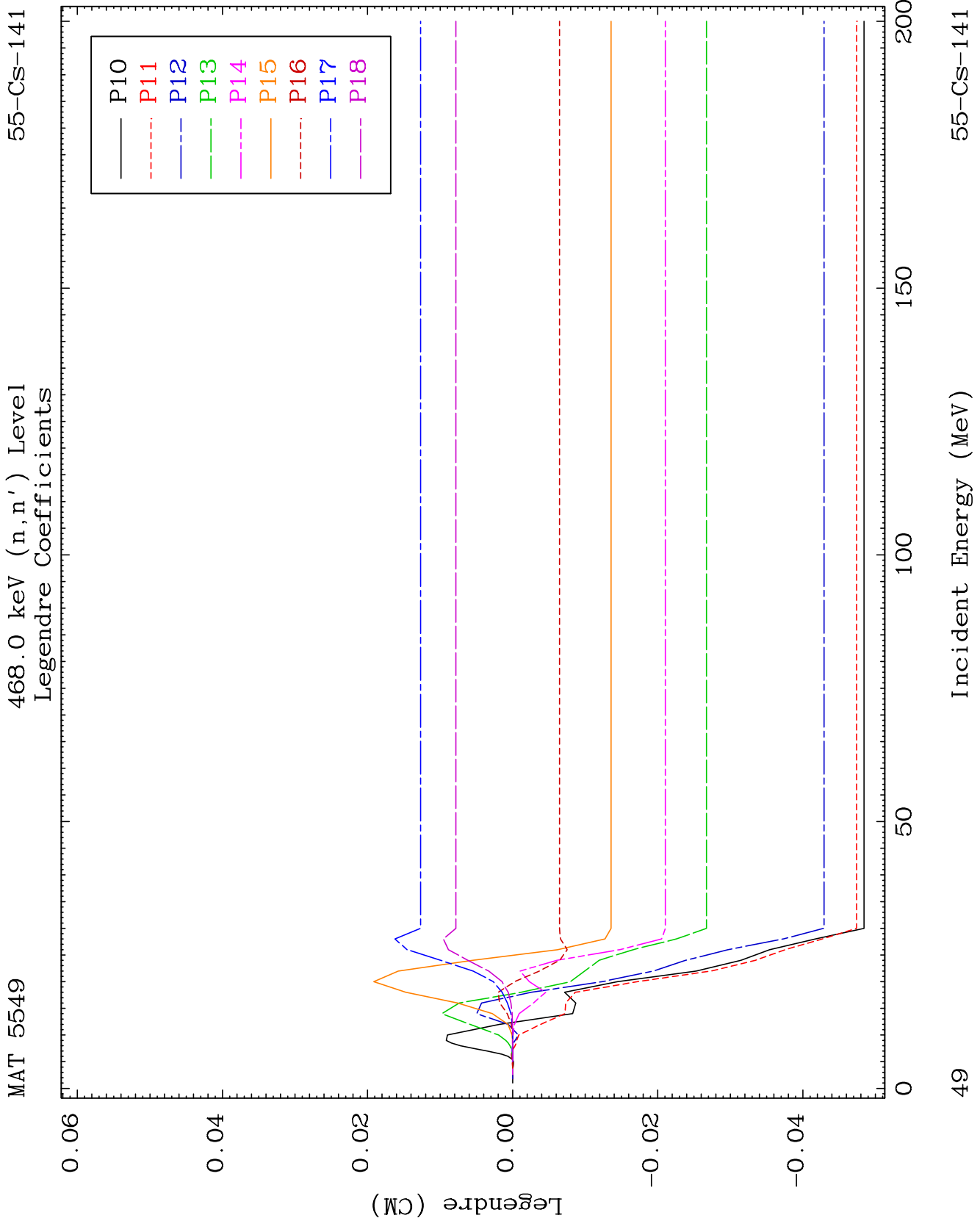
55-Cs-141



55-Cs-141

Incident Energy (MeV)

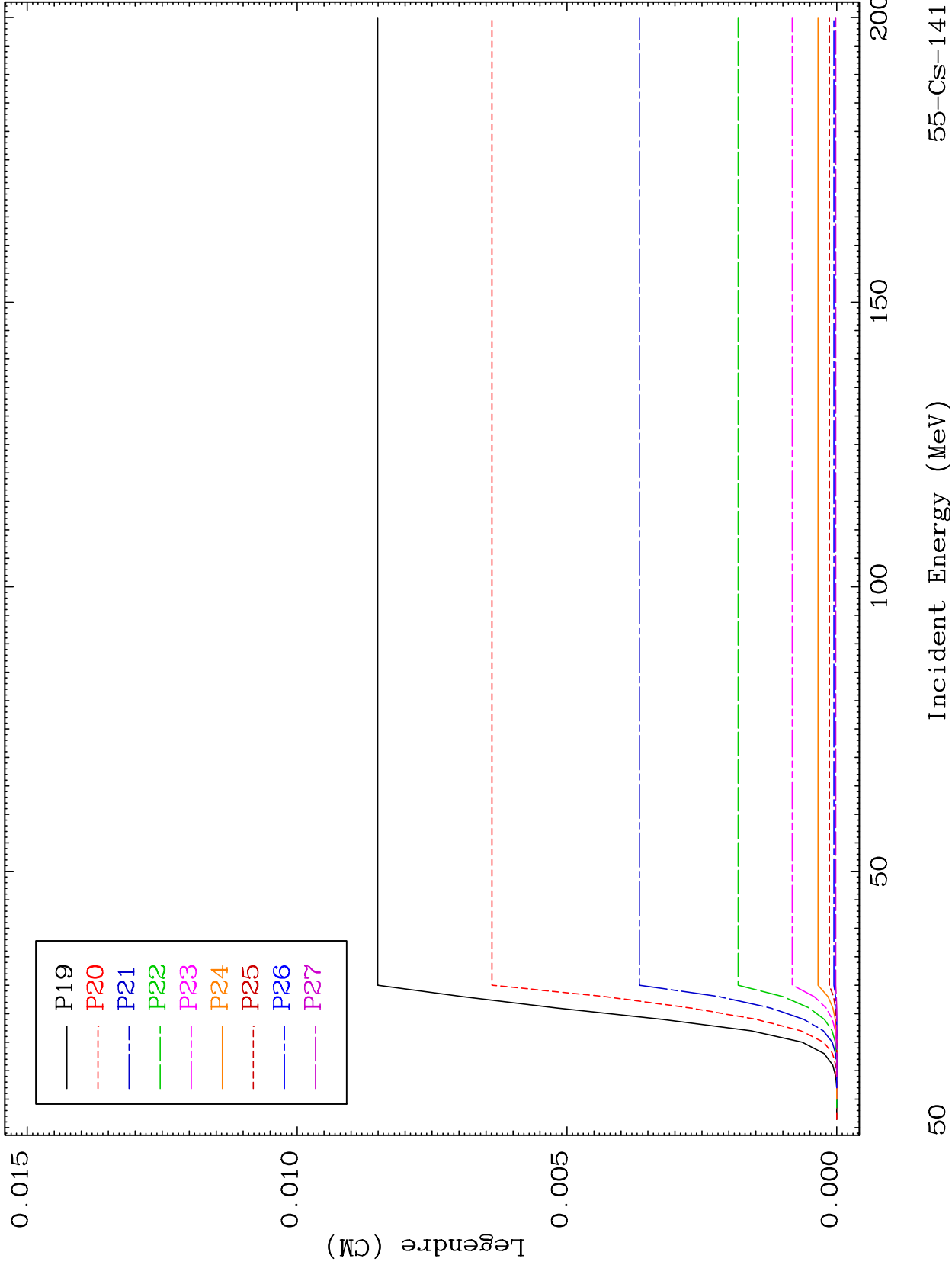
48



MAT 5549

468.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

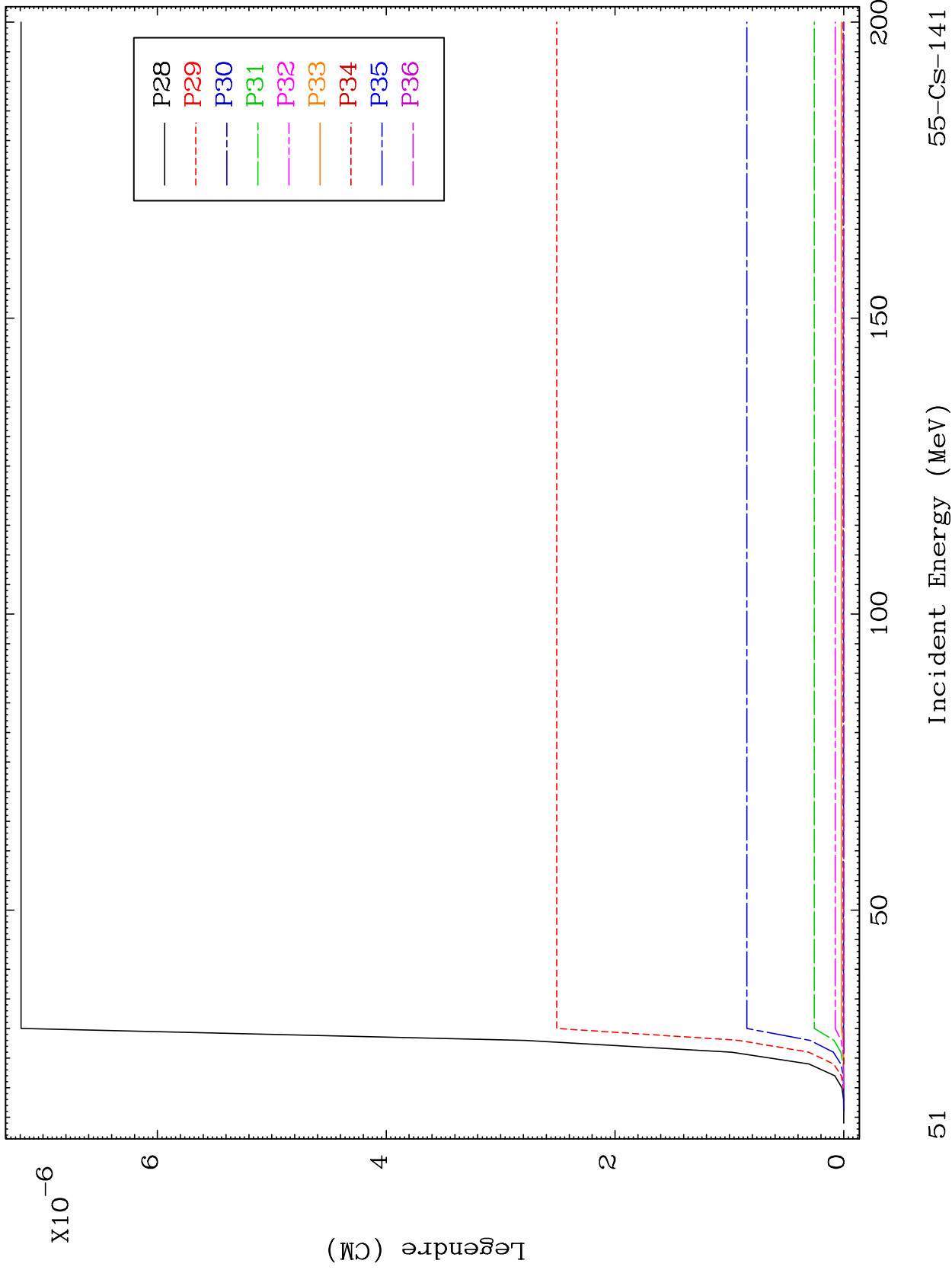
Incident Energy (MeV)

50

MAT 5549

468.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141



51

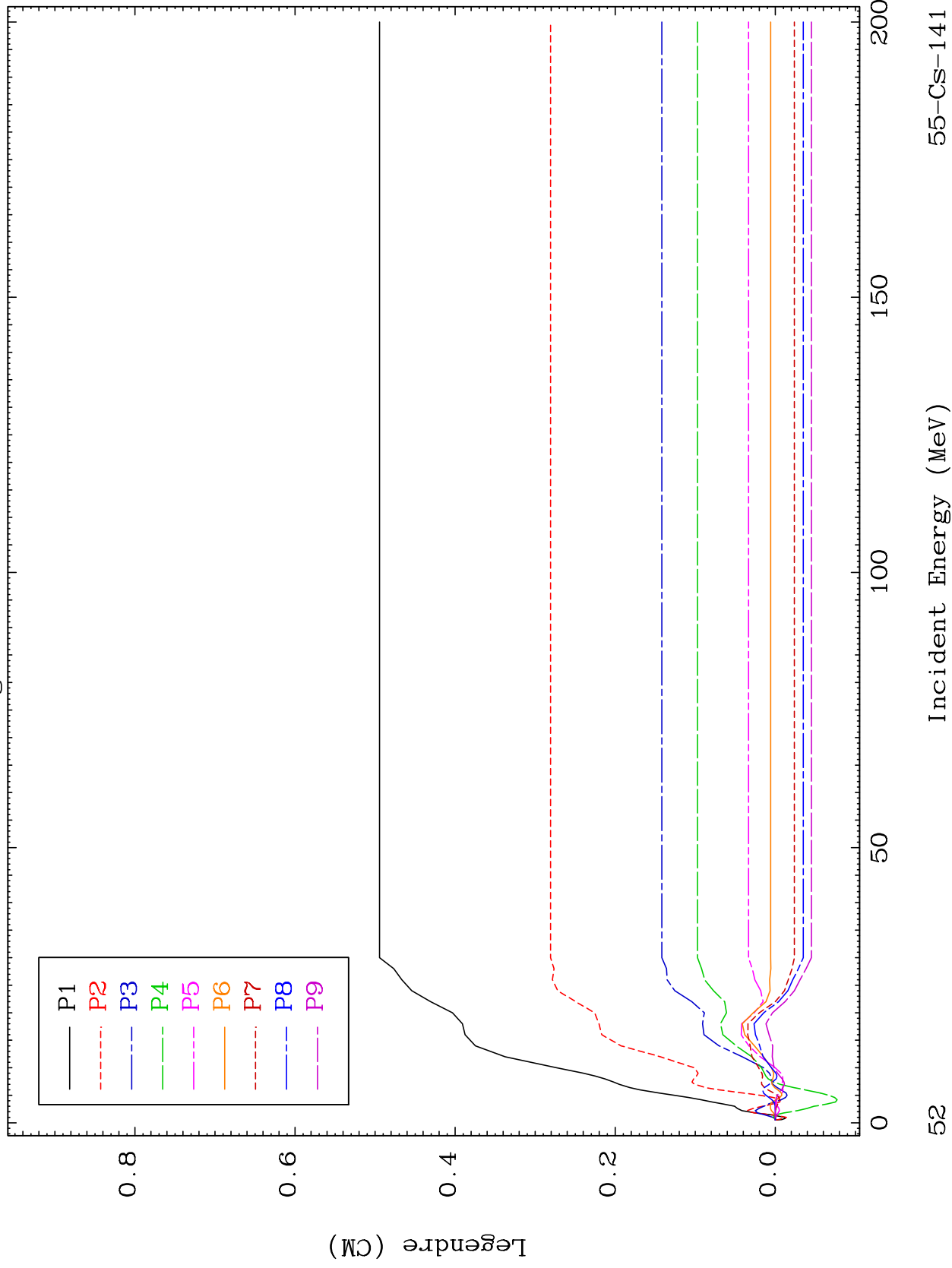
Incident Energy (MeV)

55-Cs-141

MAT 5549

492.8 keV (n,n') Level
Legendre Coefficients

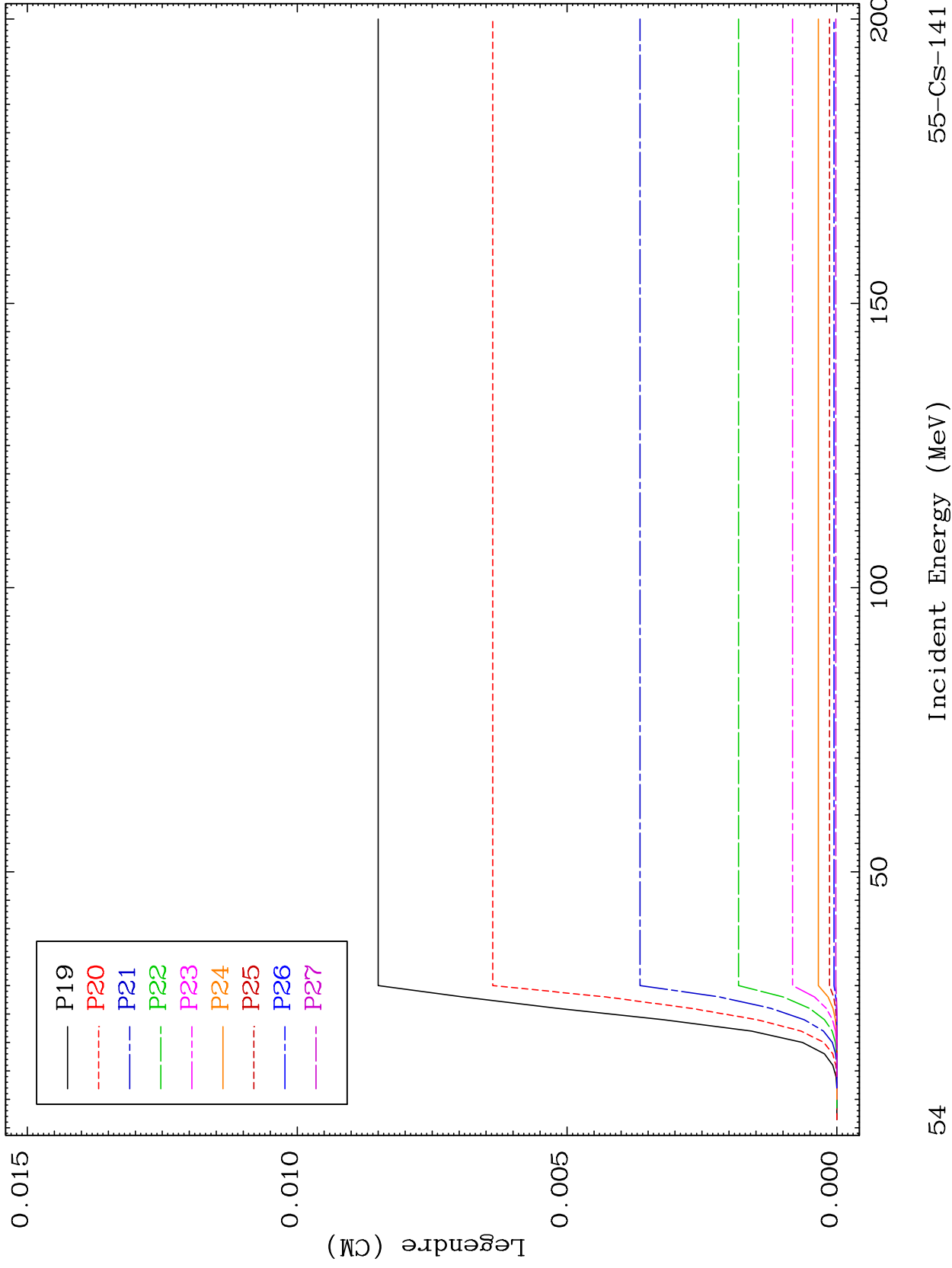
55-Cs-141



55-Cs-141

Incident Energy (MeV)

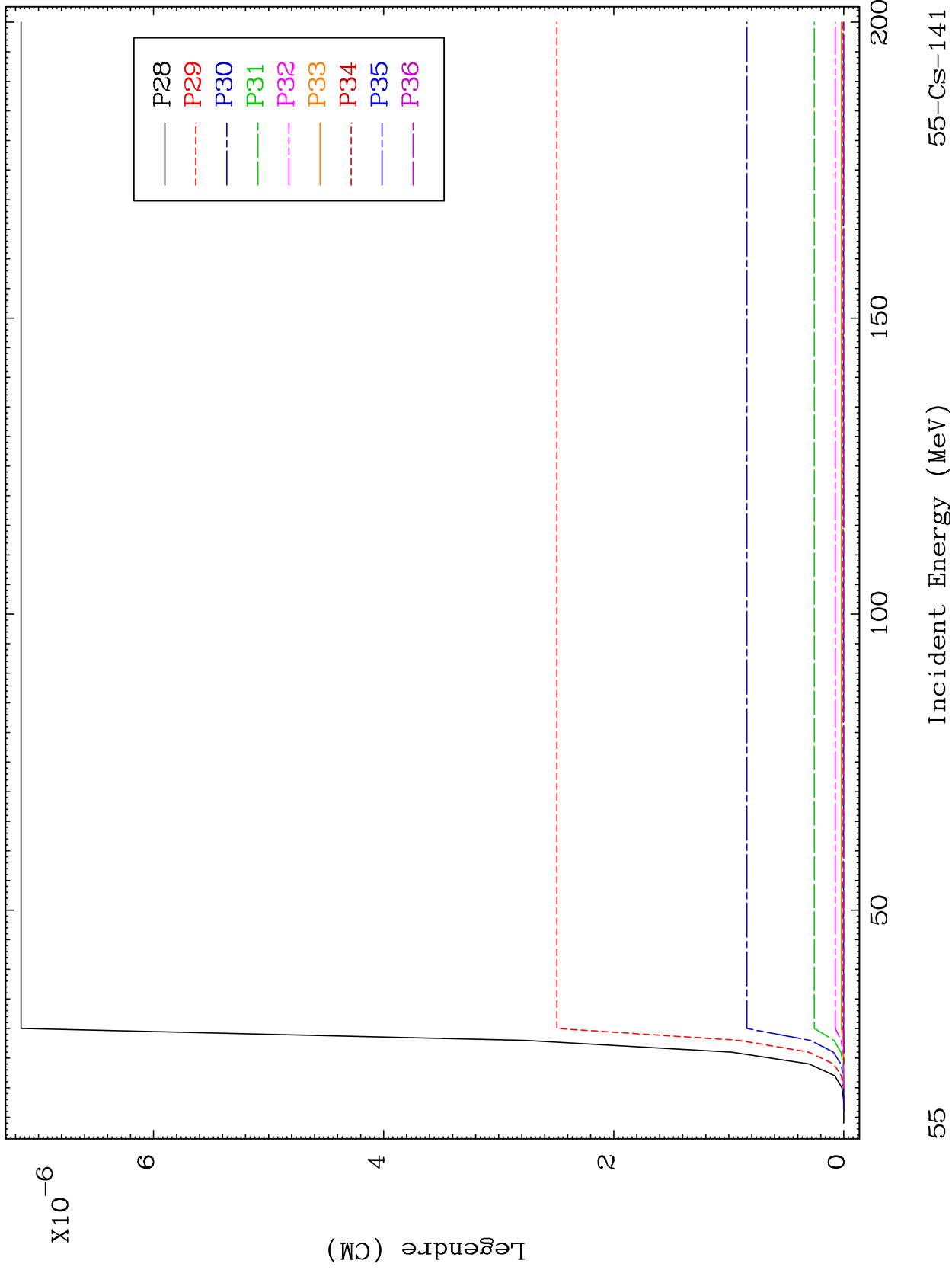
52



MAT 5549

492.8 keV (n, n') Level
Legendre Coefficients

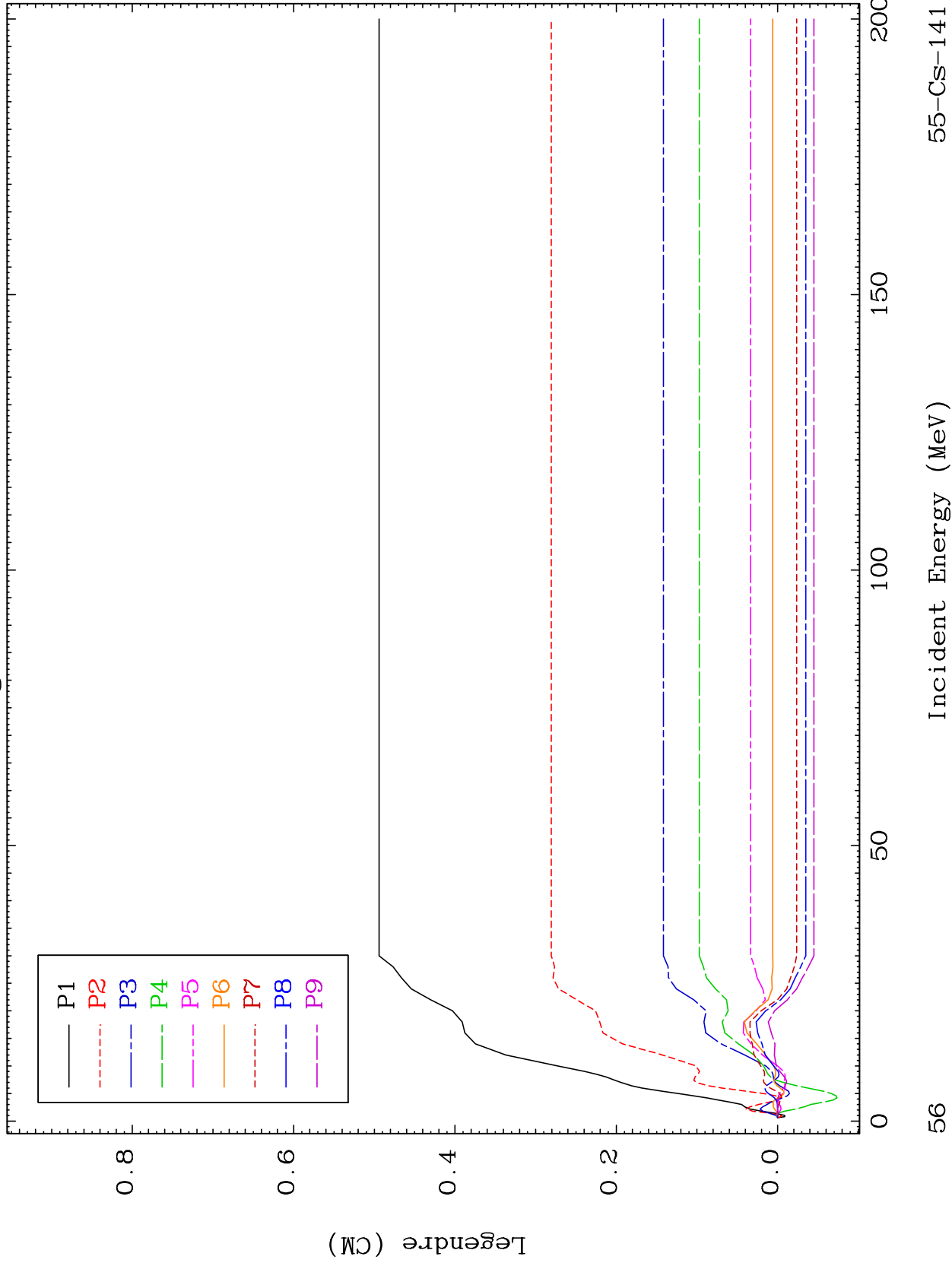
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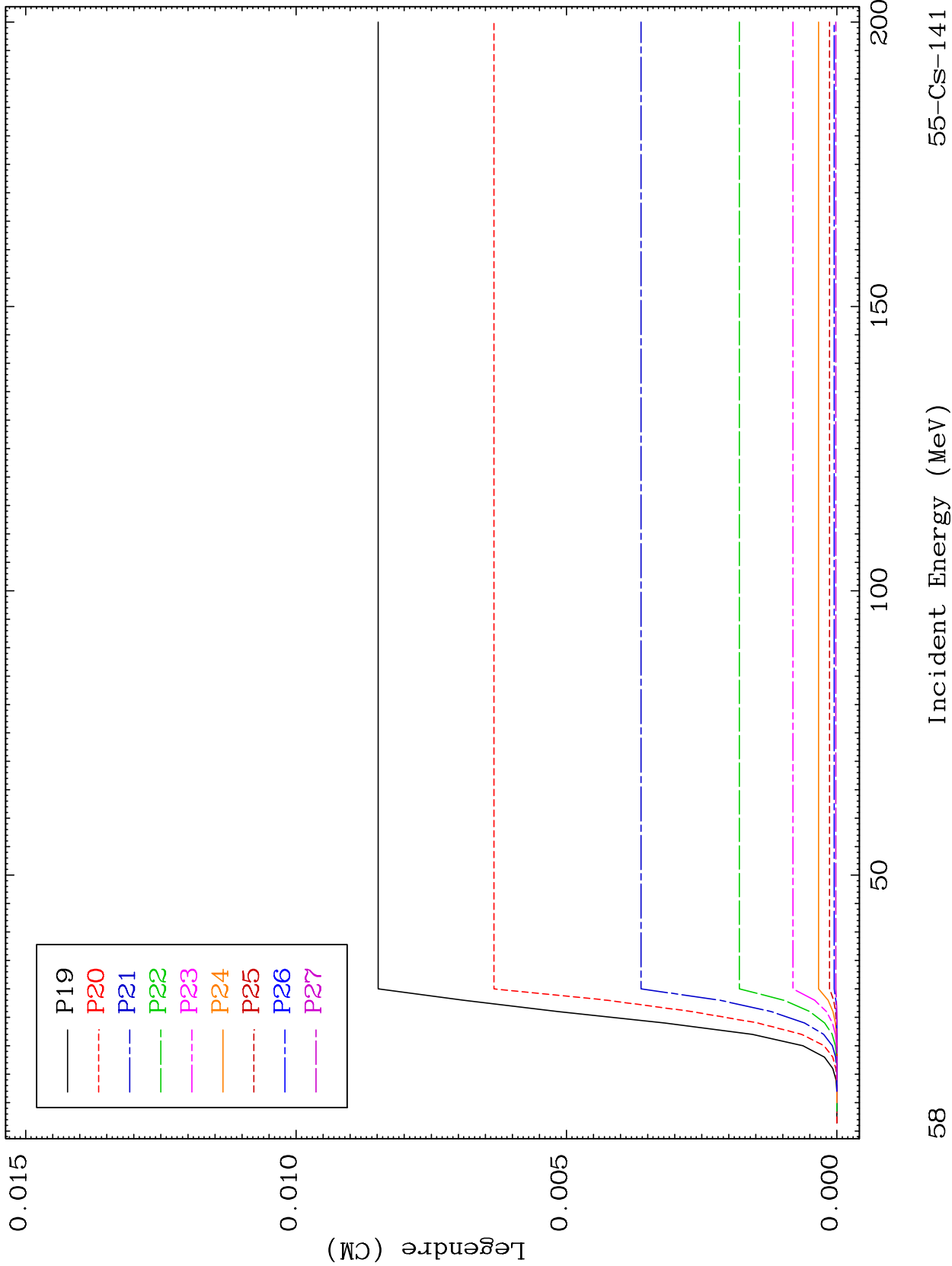


MAT 5549

557.1 keV (n,n') Level
Legendre Coefficients

55-Cs-141

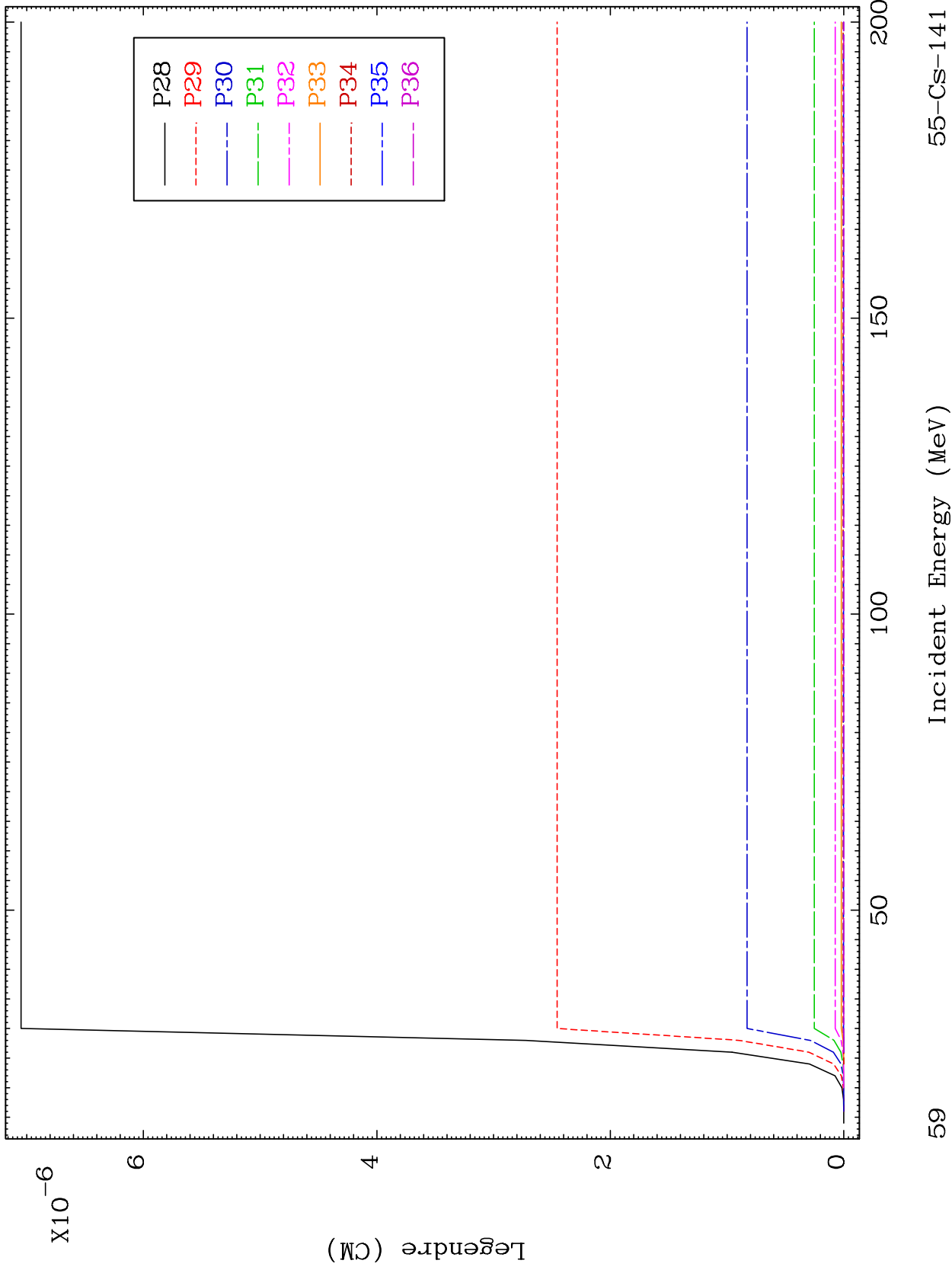




MAT 5549

557.1 keV (n,n') Level
Legendre Coefficients

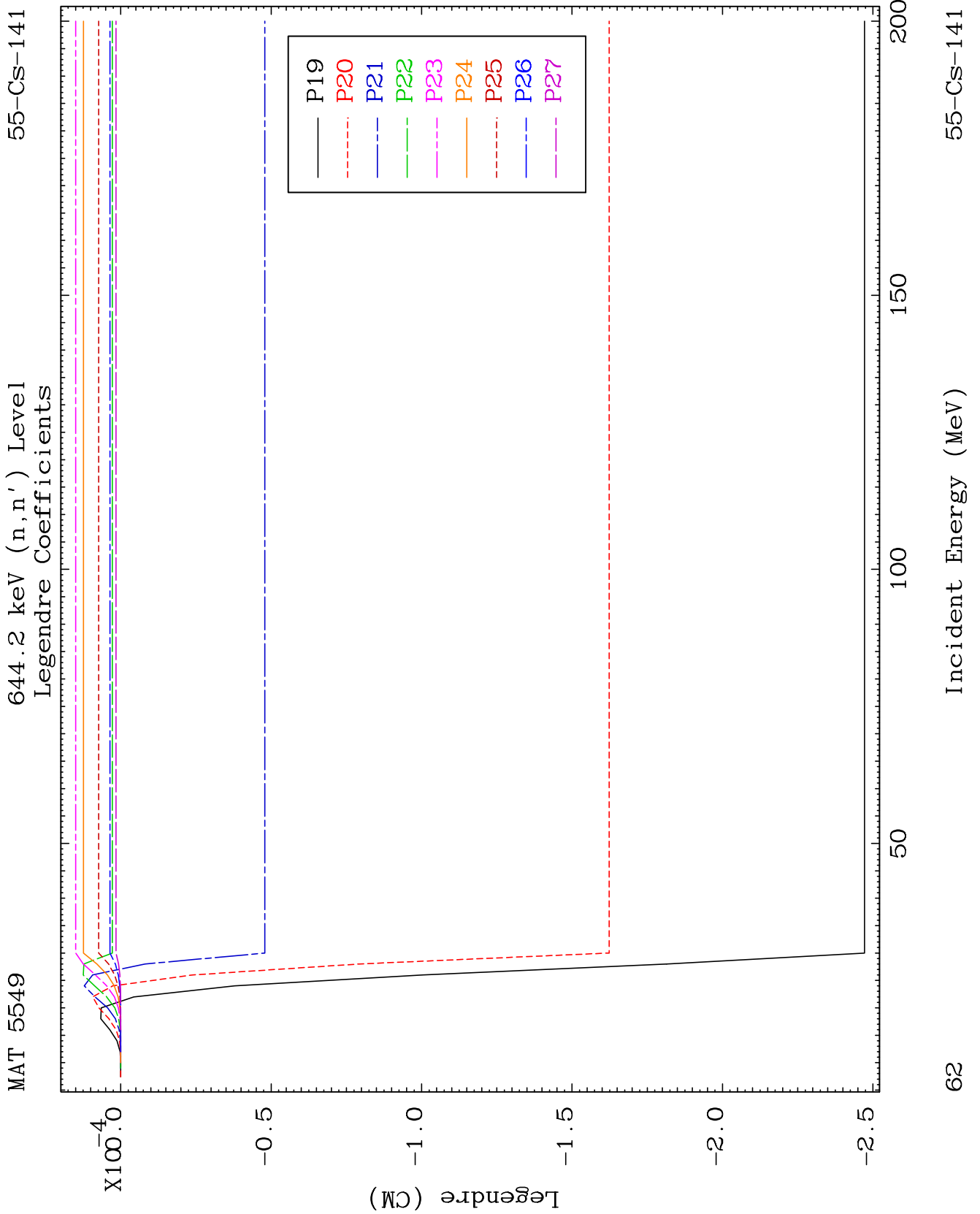
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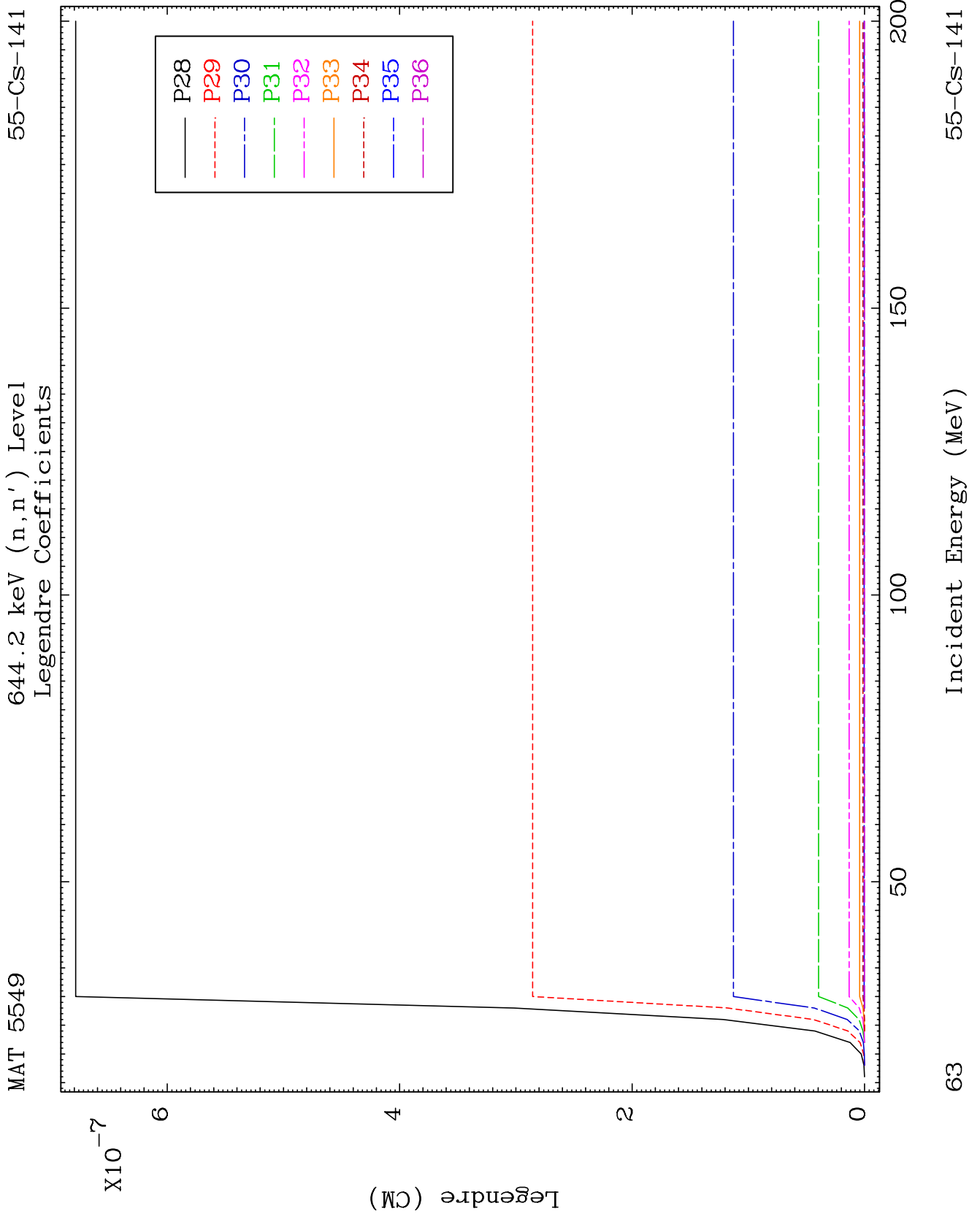


59

Incident Energy (MeV)

55-Cs-141

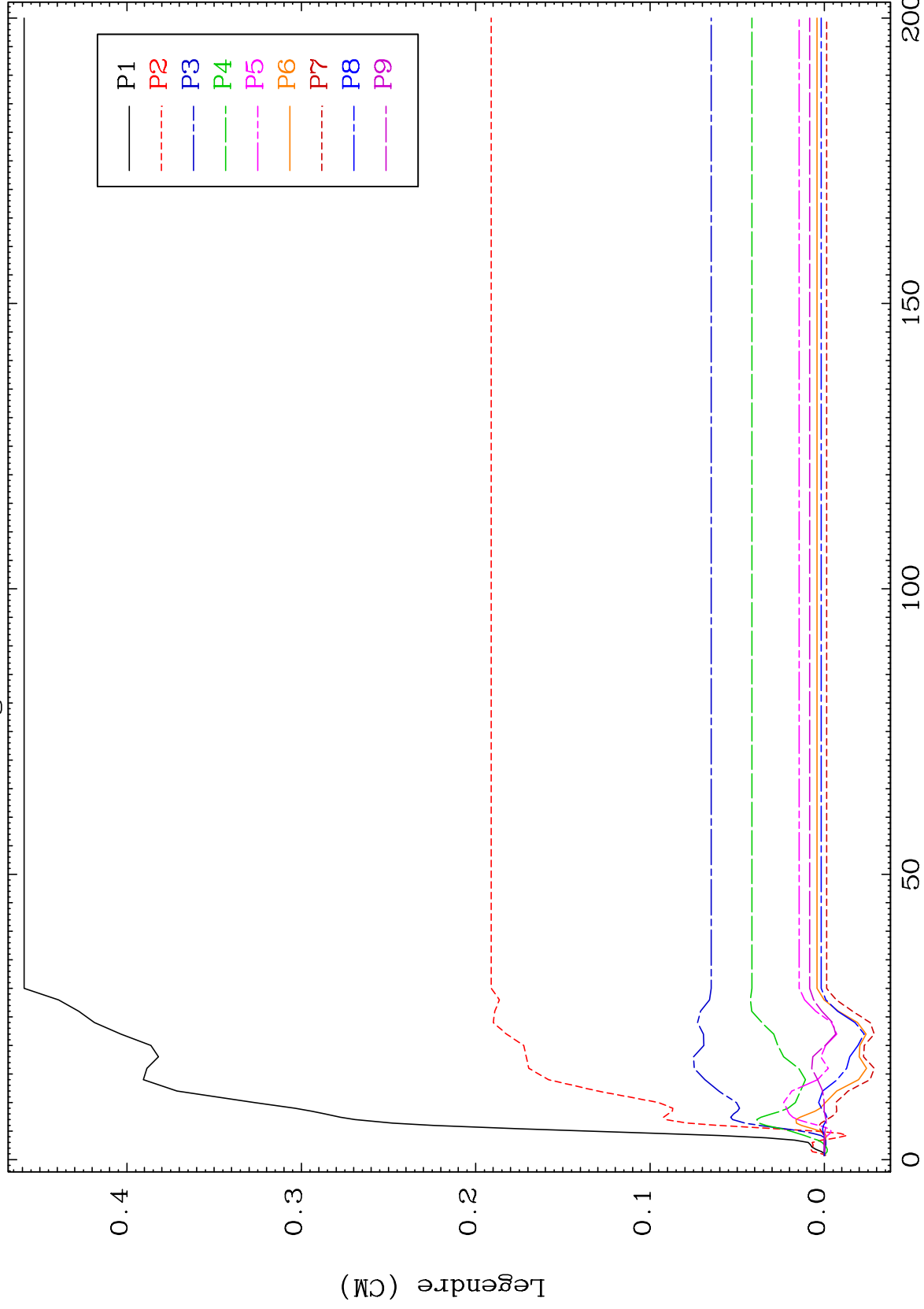




MAT 5549

668.7 keV (n,n') Level
Legendre Coefficients

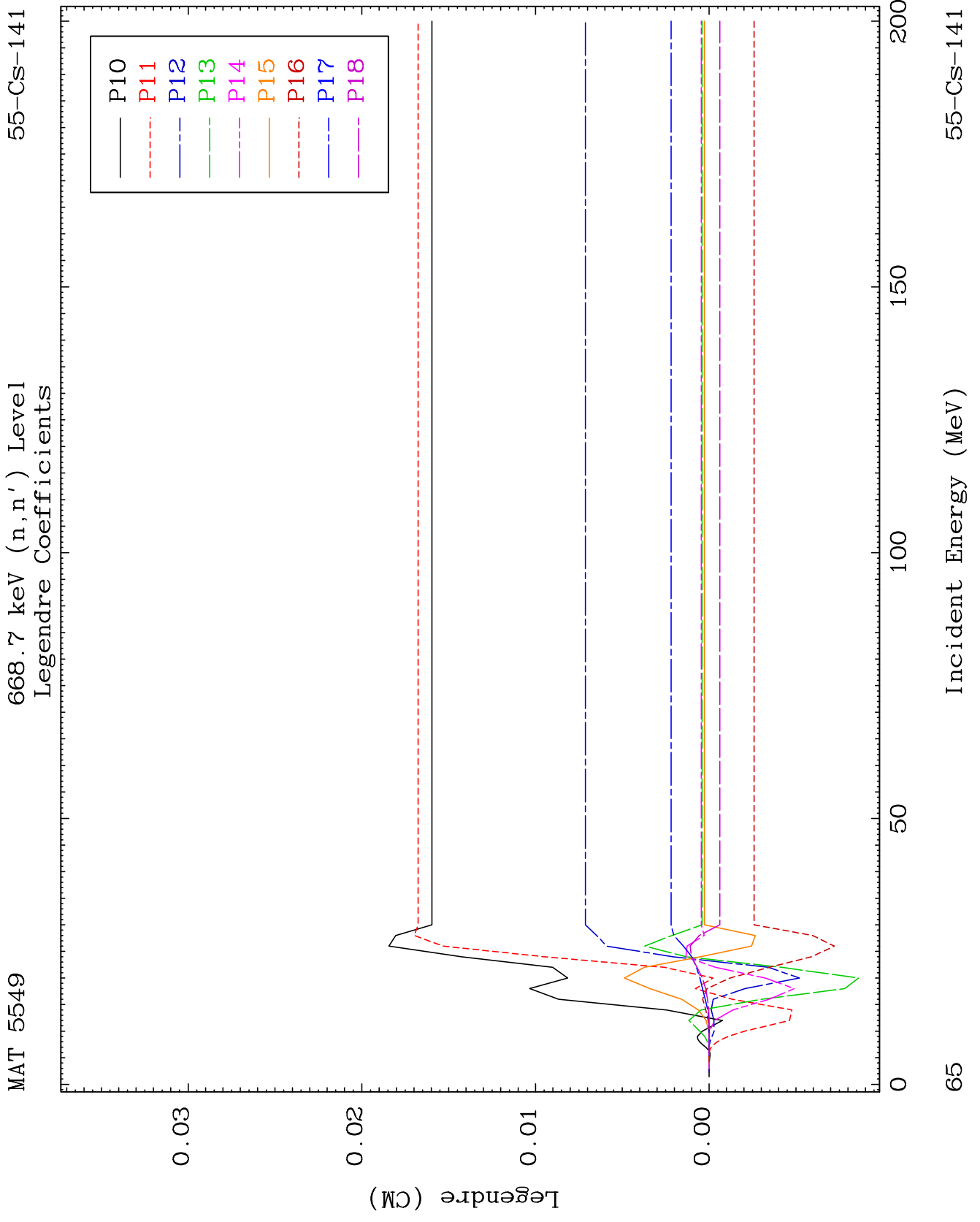
55-Cs-141



64

Incident Energy (MeV)

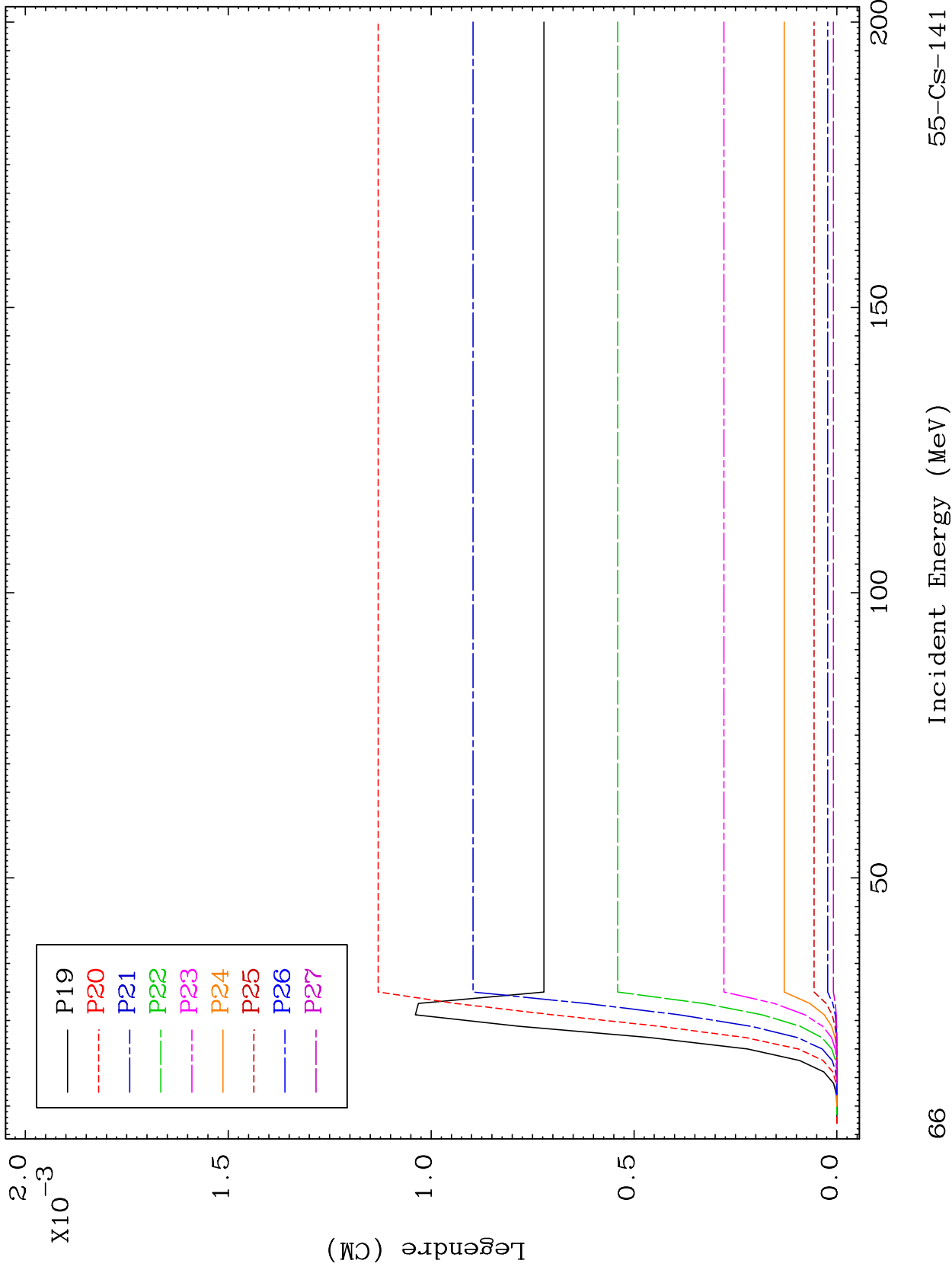
55-Cs-141



MAT 5549

668.7 keV (n,n') Level
Legendre Coefficients

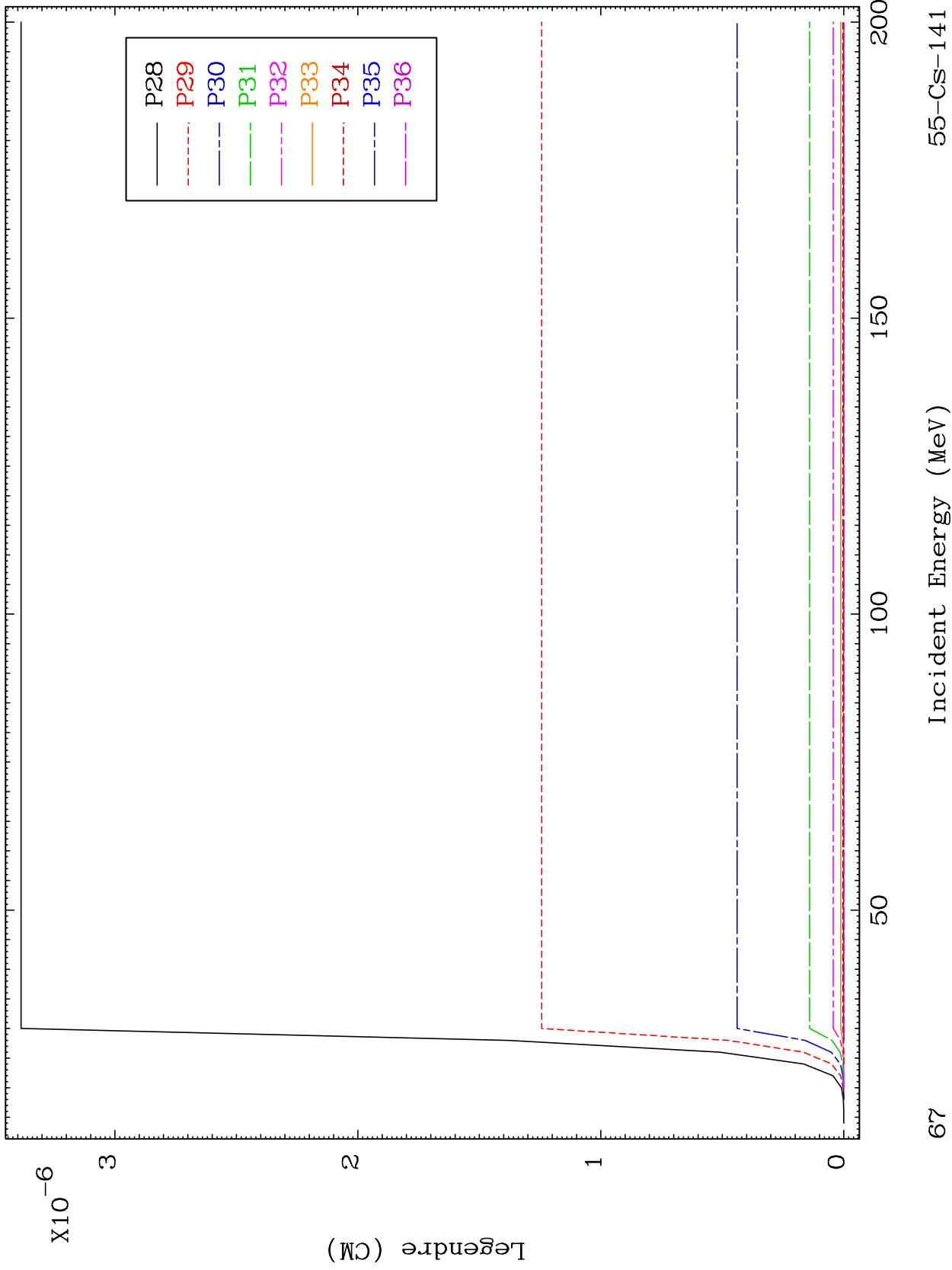
55-Cs-141



MAT 5549

668.7 keV (n,n') Level
Legendre Coefficients

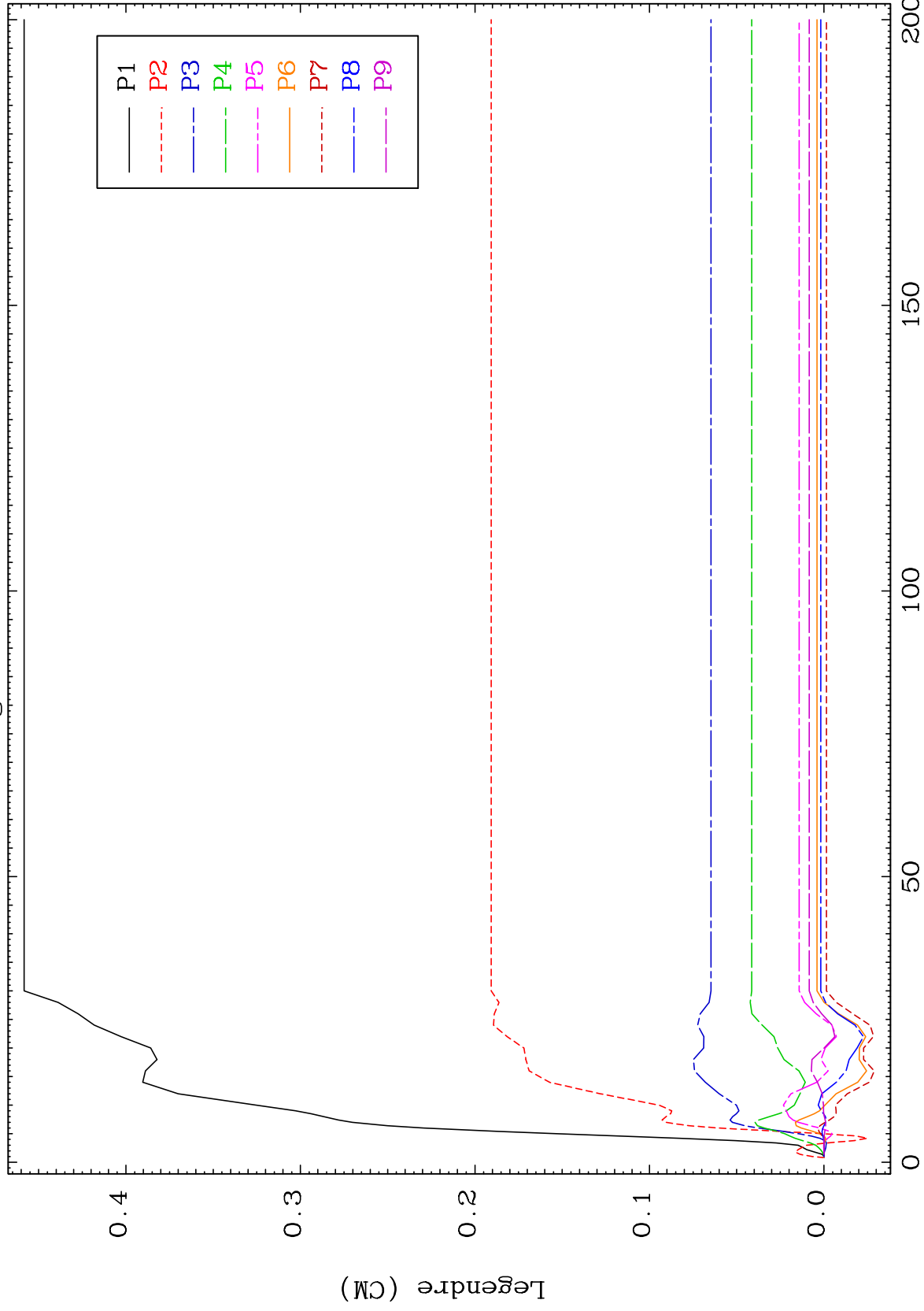
55-Cs-141



MAT 5549

801.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141



68

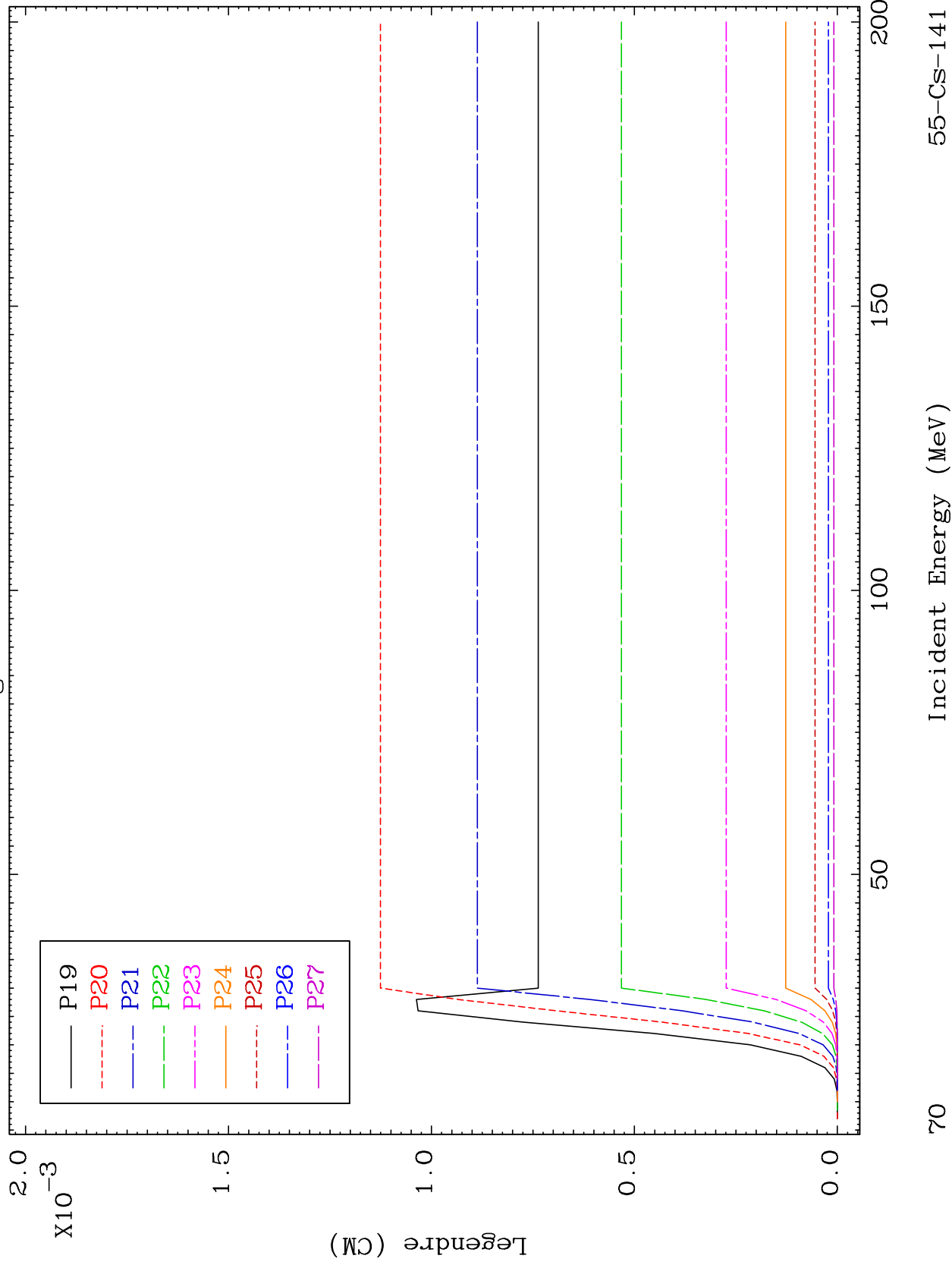
Incident Energy (MeV)

55-Cs-141

MAT 5549

801.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141



70

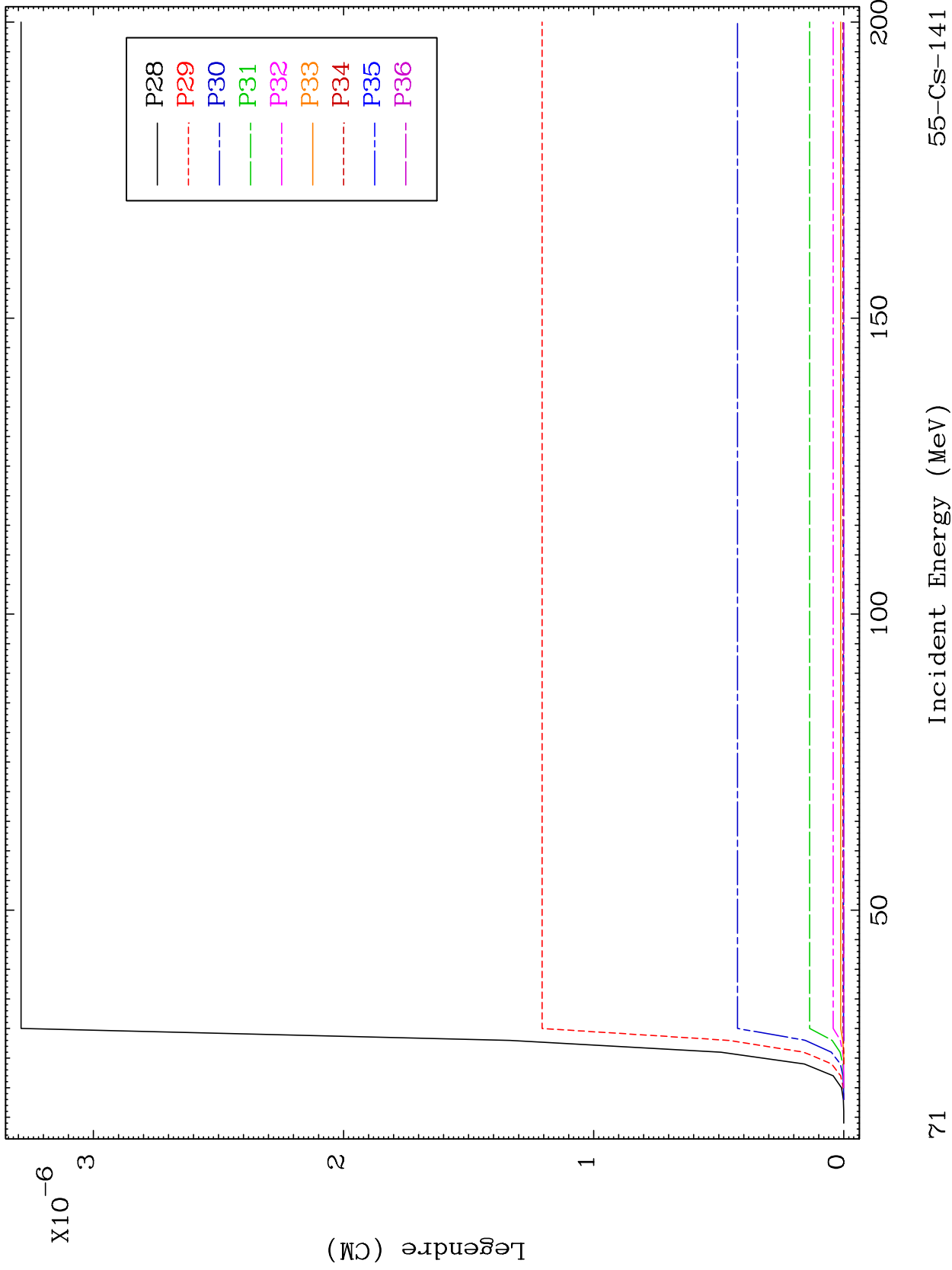
Incident Energy (MeV)

55-Cs-141

MAT 5549

801.0 keV (n,n') Level
Legendre Coefficients

55-Cs-141



71

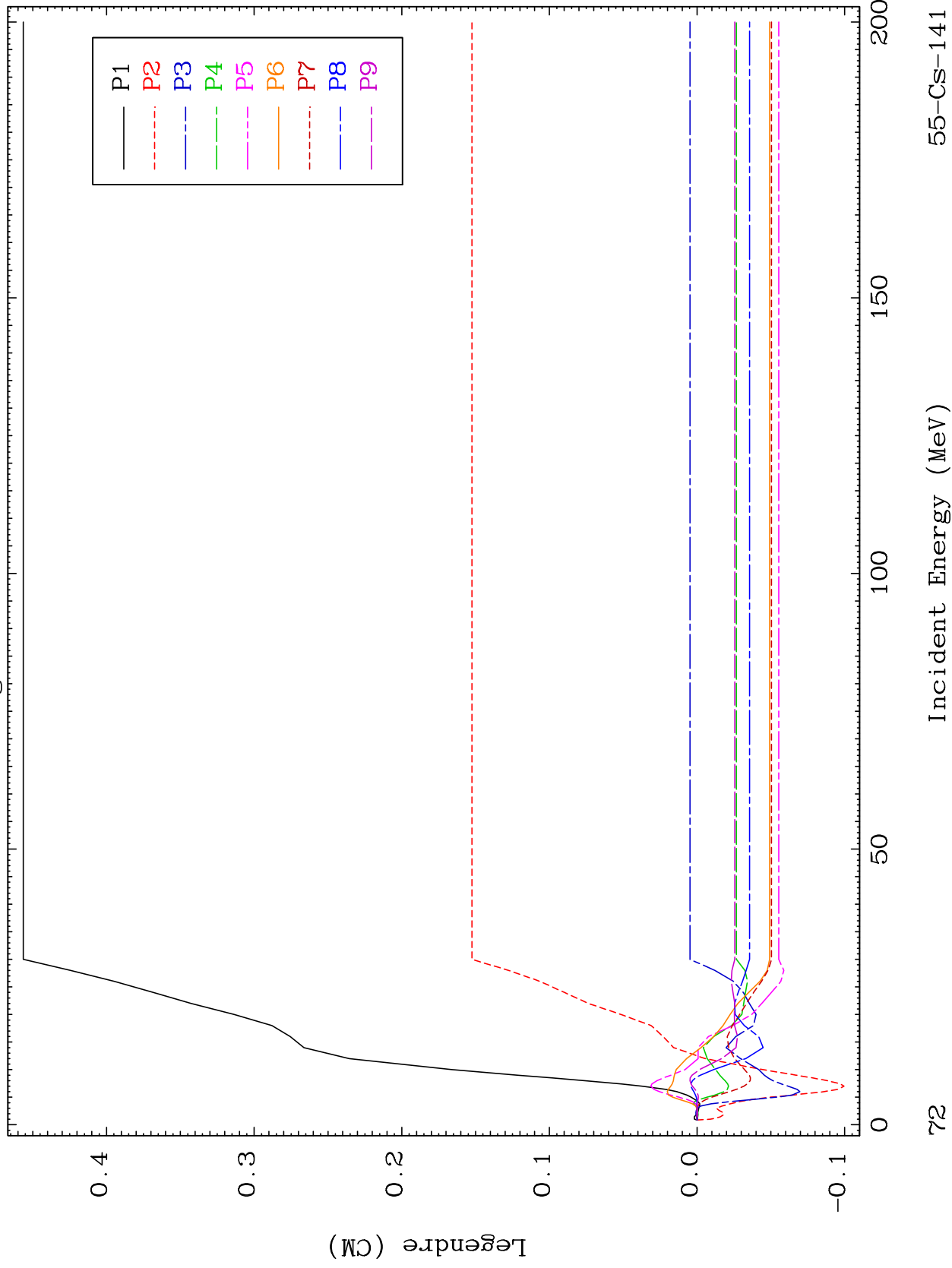
Incident Energy (MeV)

55-Cs-141

MAT 5549

843.1 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

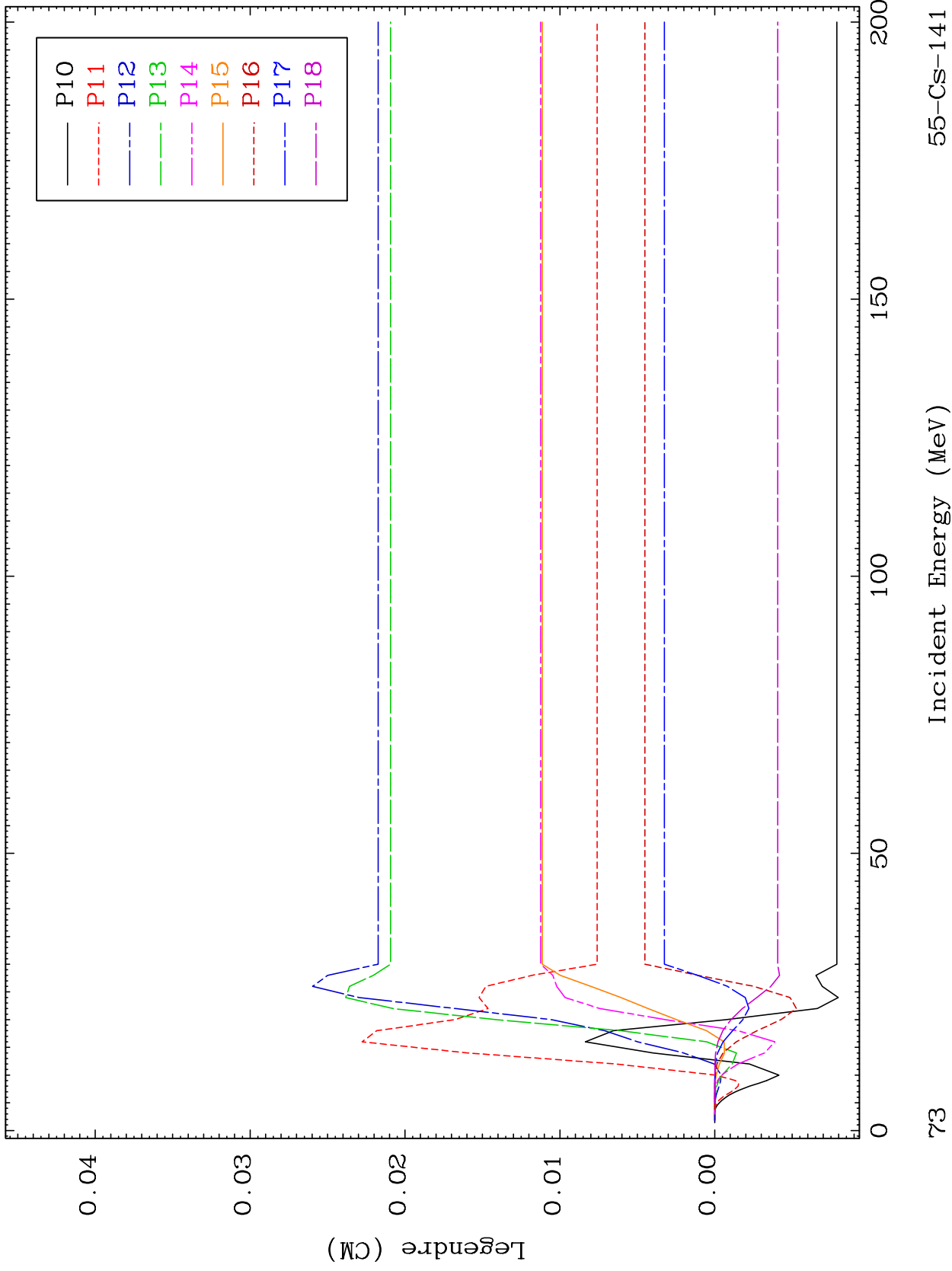
Incident Energy (MeV)

72

MAT 5549

843.1 keV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

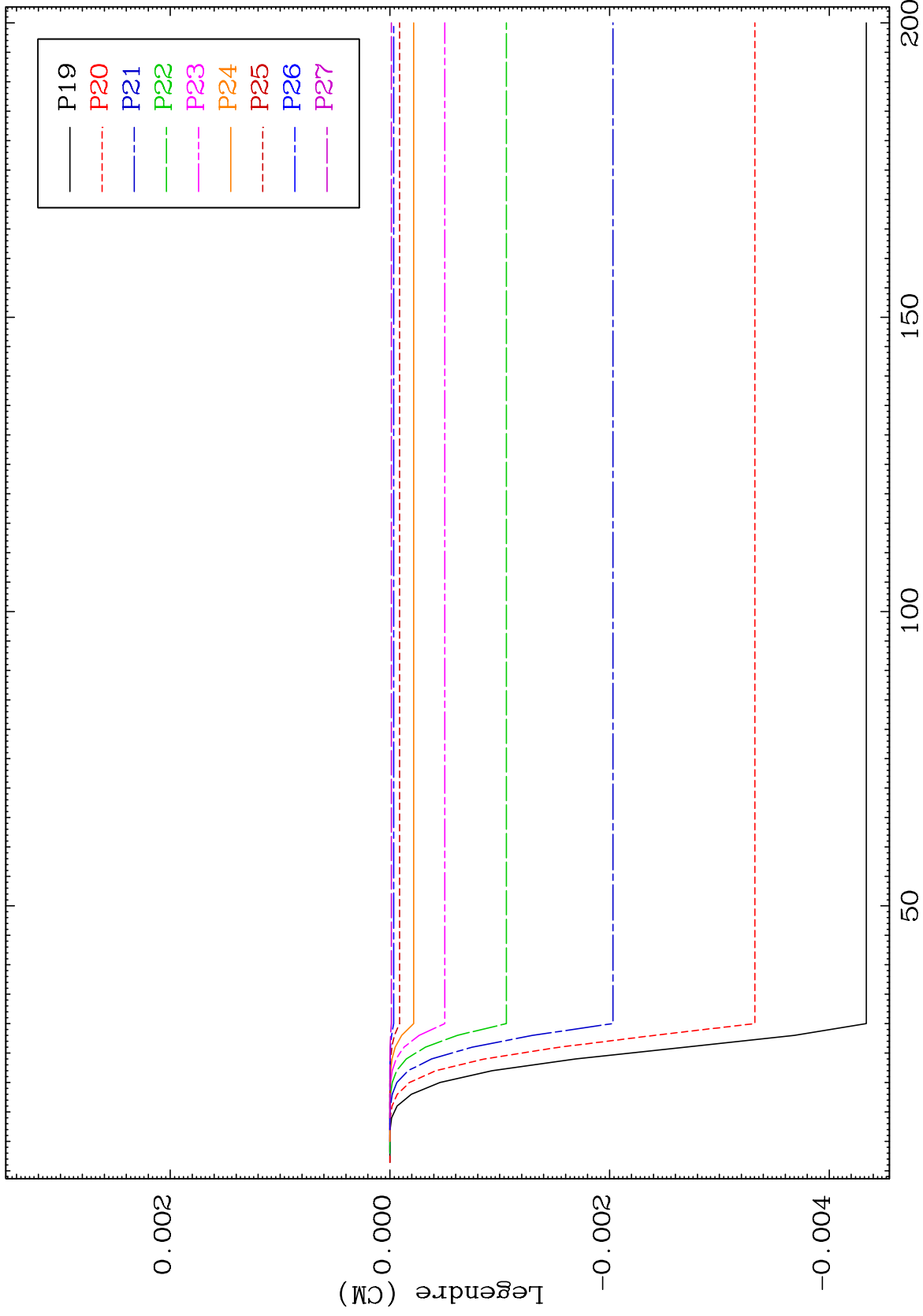
Incident Energy (MeV)

73

MAT 5549

843.1 keV (n,n') Level
Legendre Coefficients

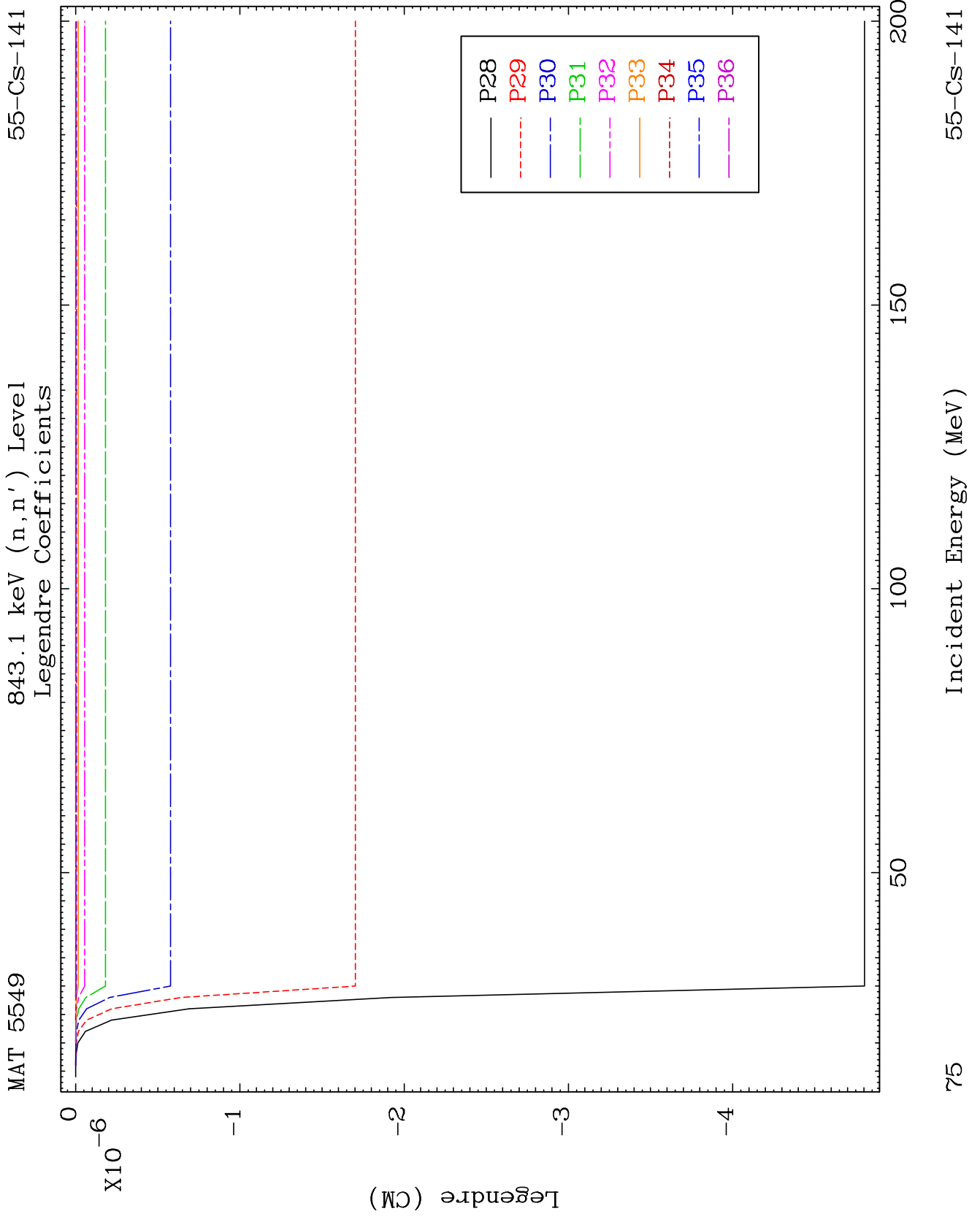
55-Cs-141

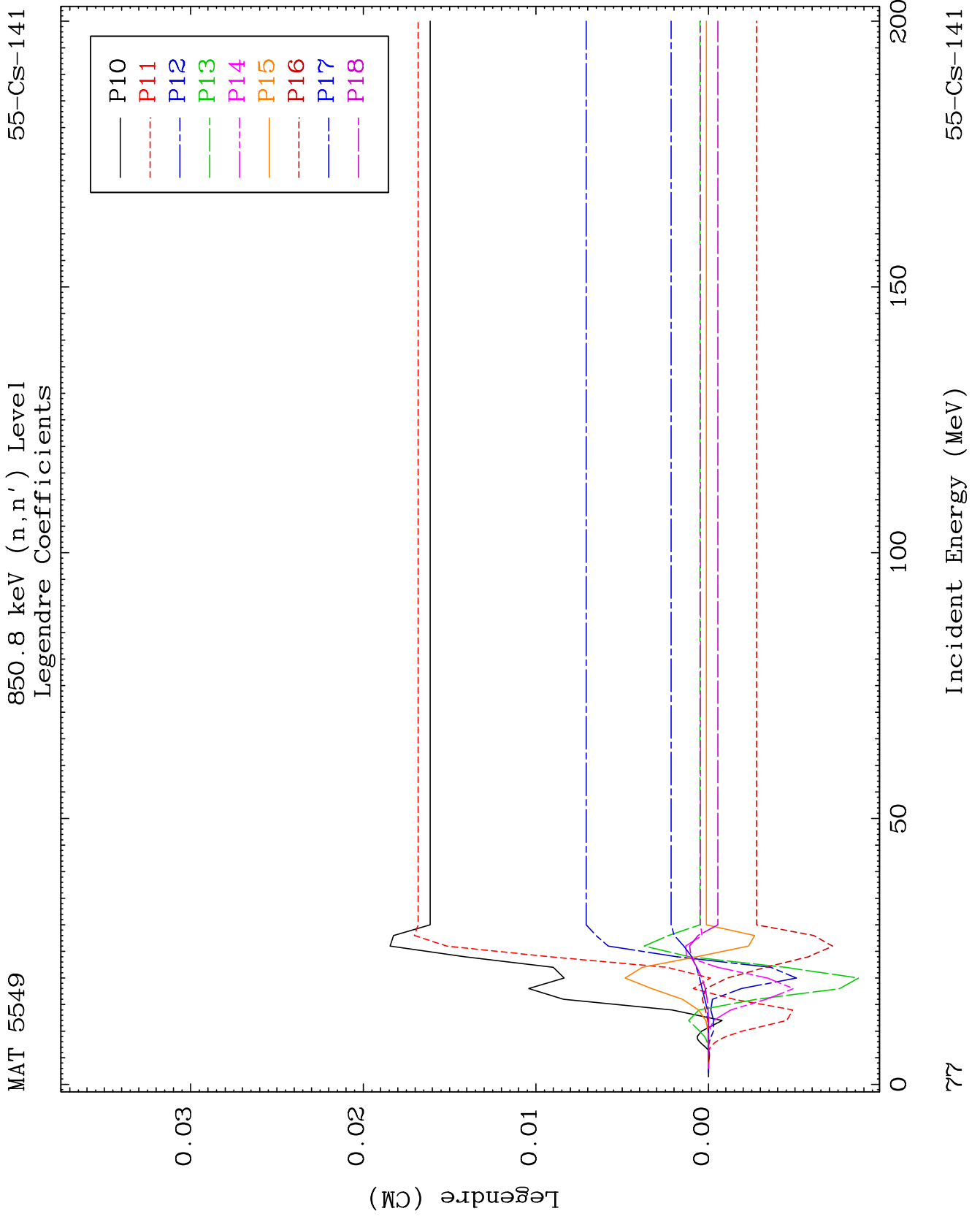


74

Incident Energy (MeV)

55-Cs-141

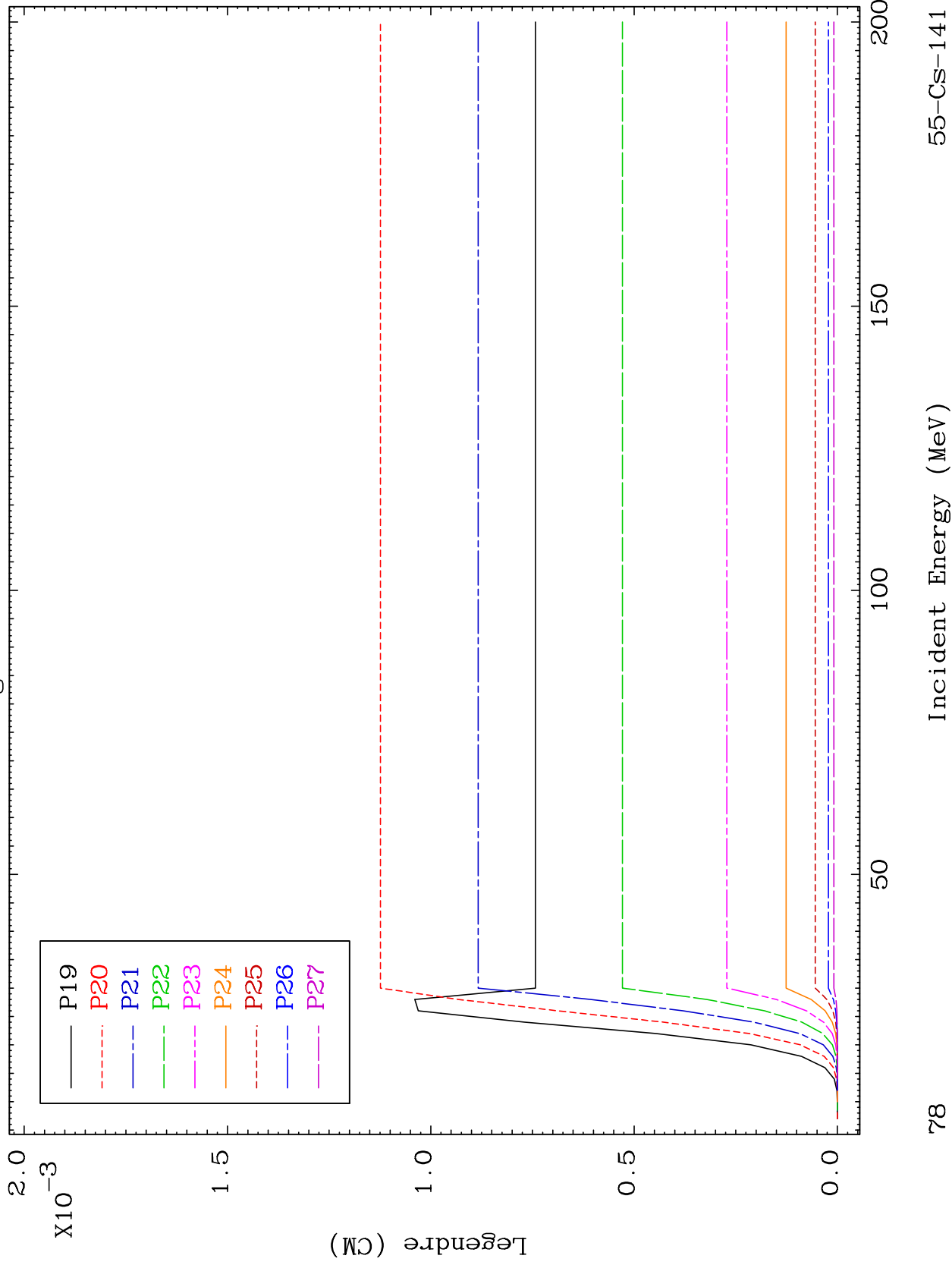




MAT 5549

850.8 keV (n, n') Level
Legendre Coefficients

55-Cs-141



78

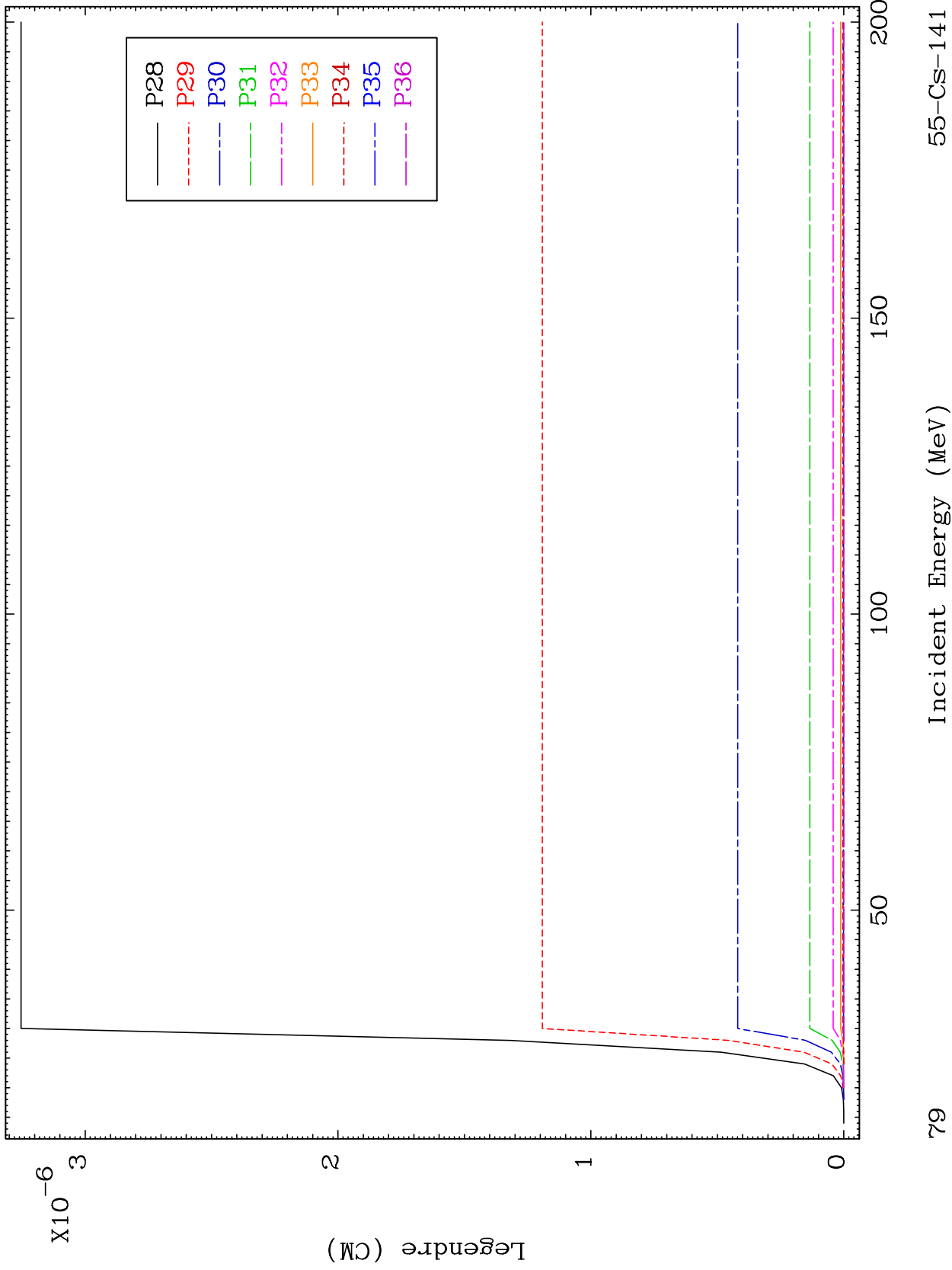
Incident Energy (MeV)

55-Cs-141

MAT 5549

850.8 keV (n,n') Level
Legendre Coefficients

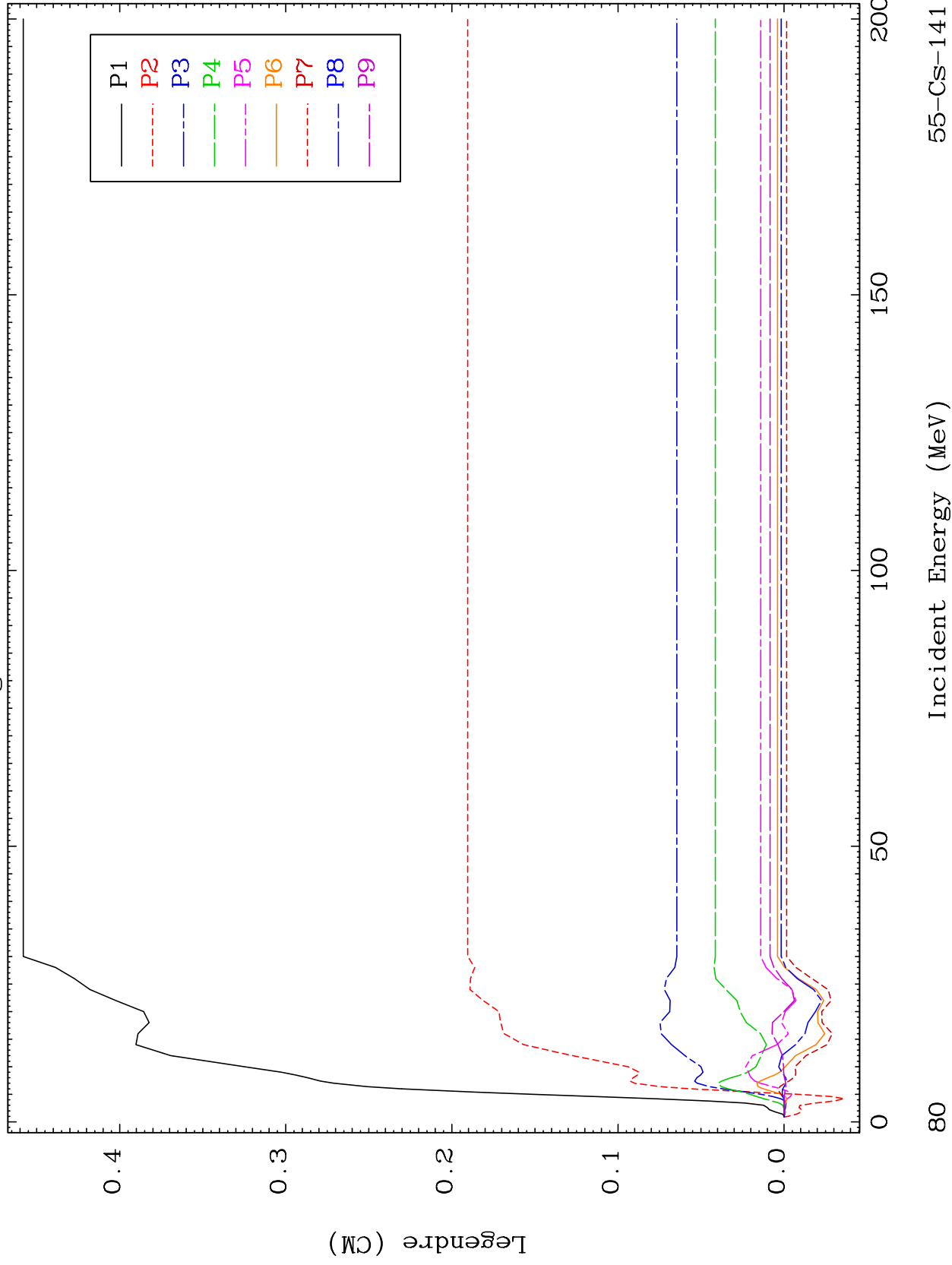
55-Cs-141



MAT 5549

862.4 keV (n,n') Level
Legendre Coefficients

55-Cs-141

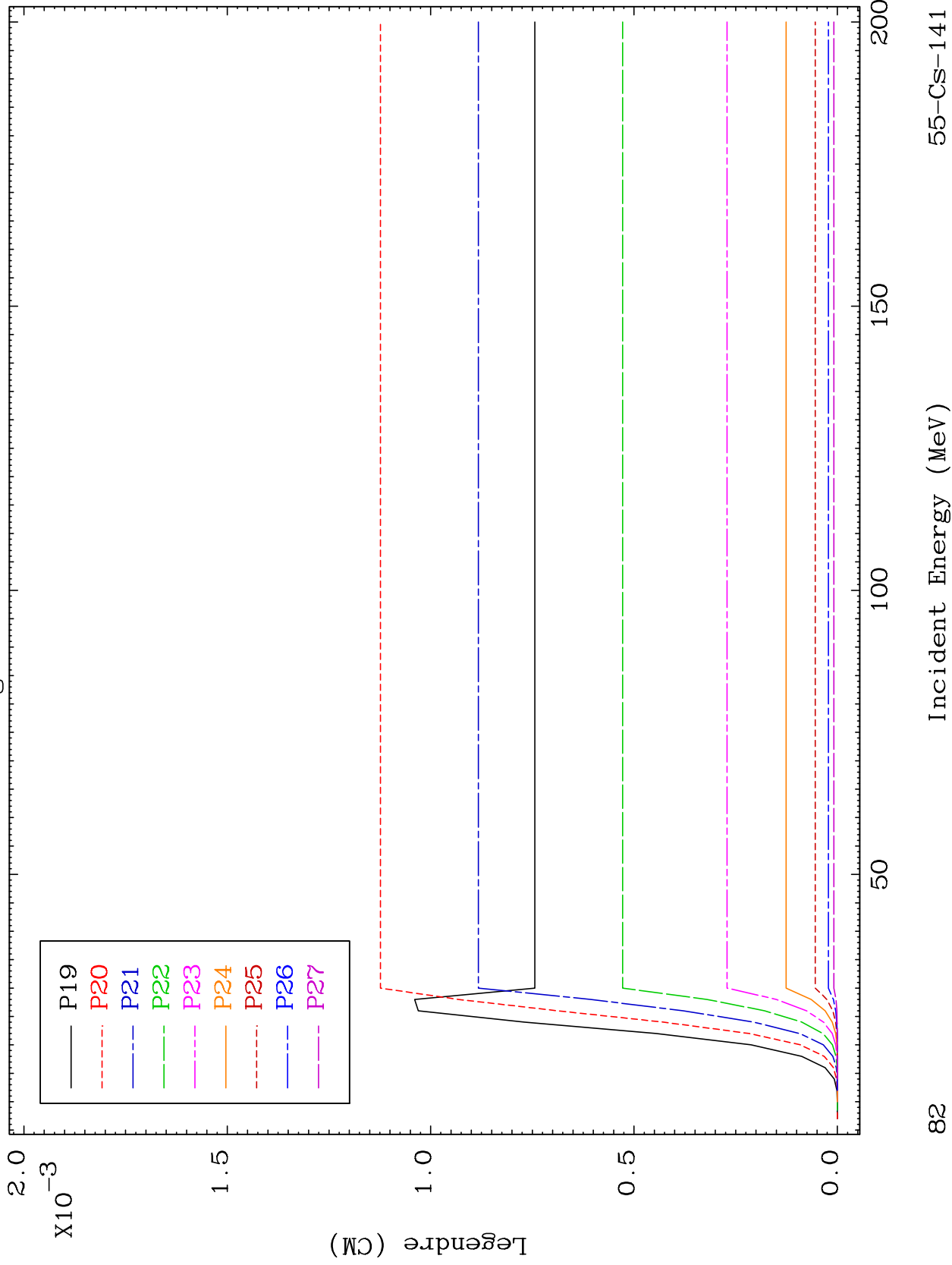


55-Cs-141

MAT 5549

862.4 keV (n,n') Level
Legendre Coefficients

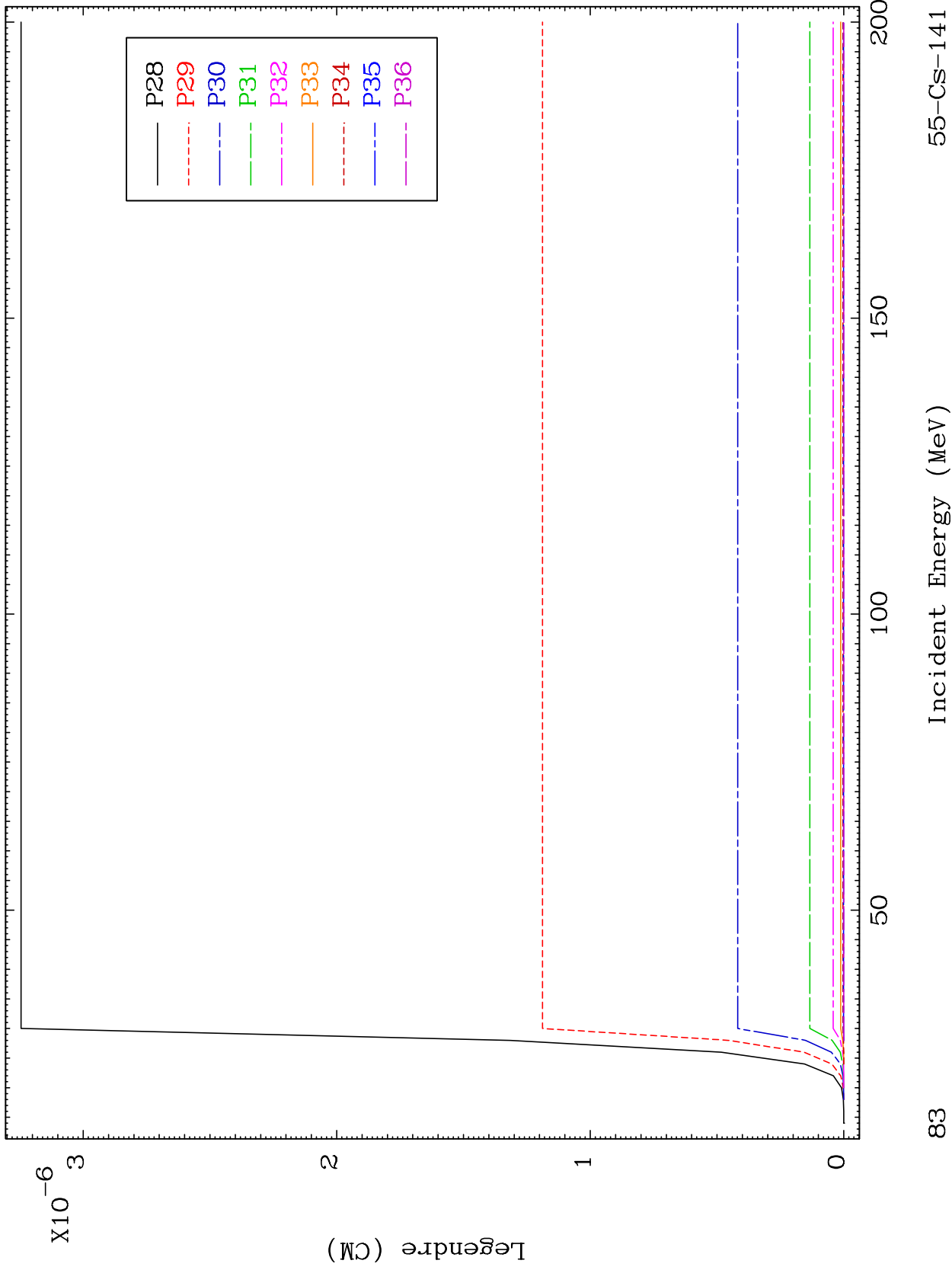
55-Cs-141

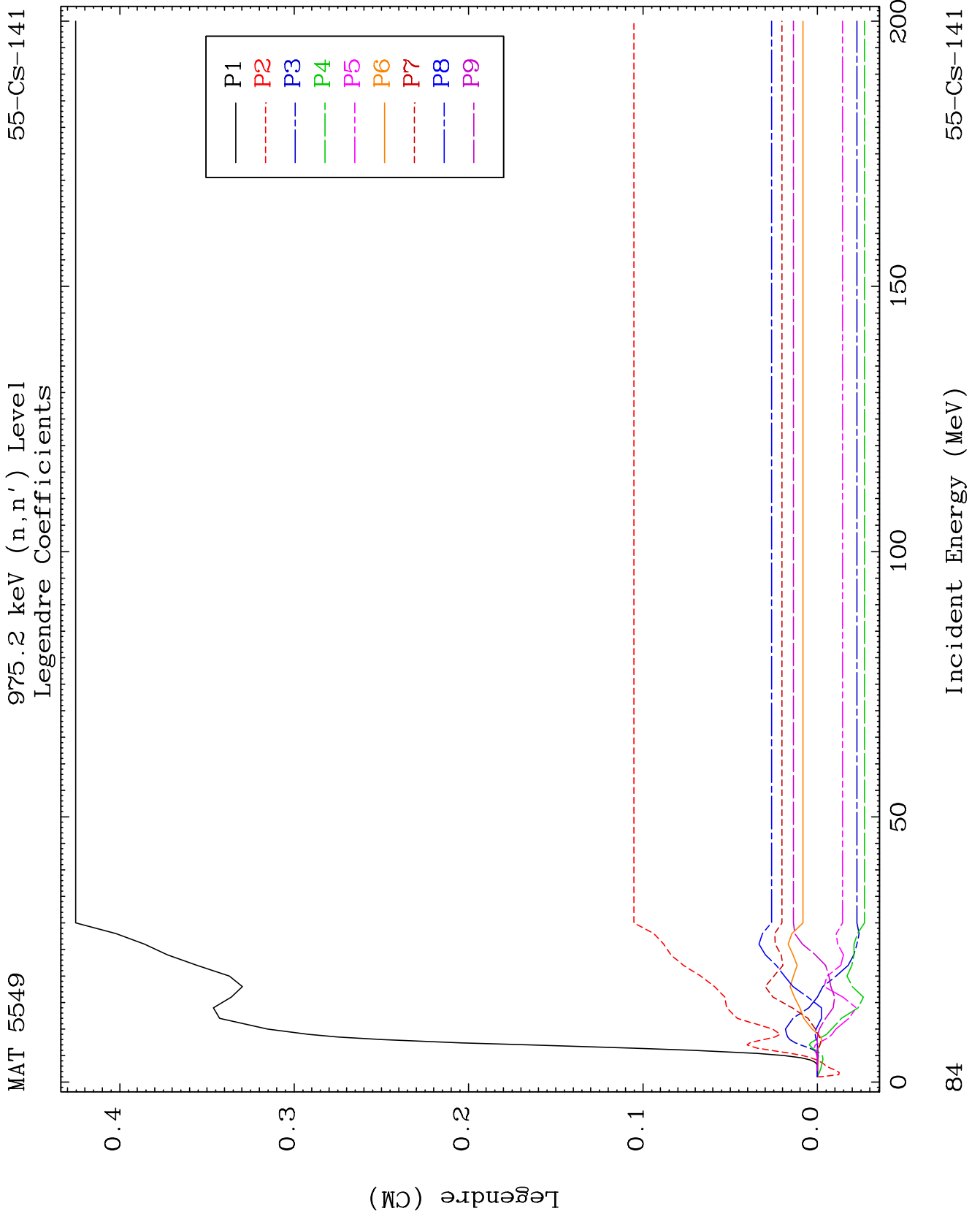


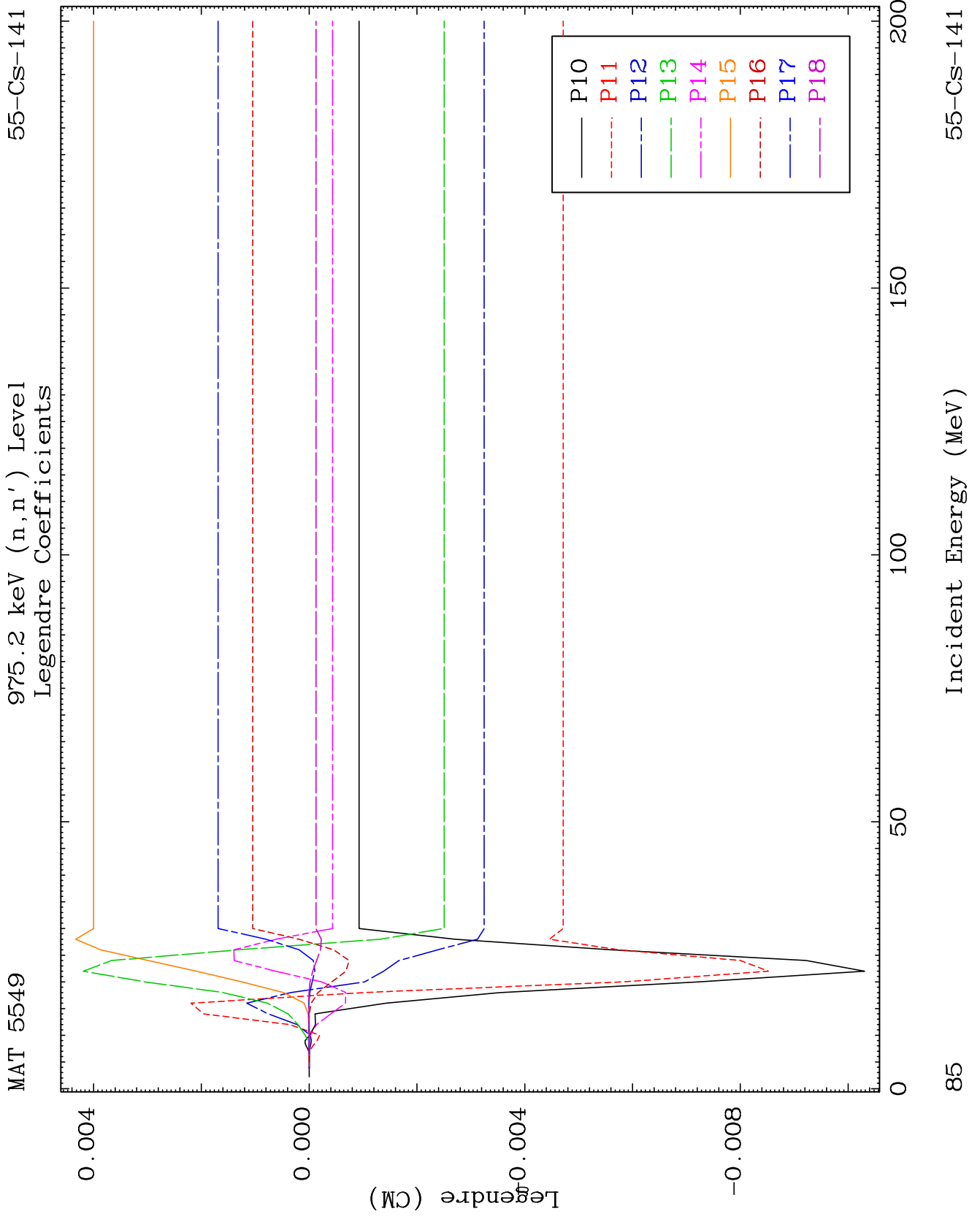
MAT 5549

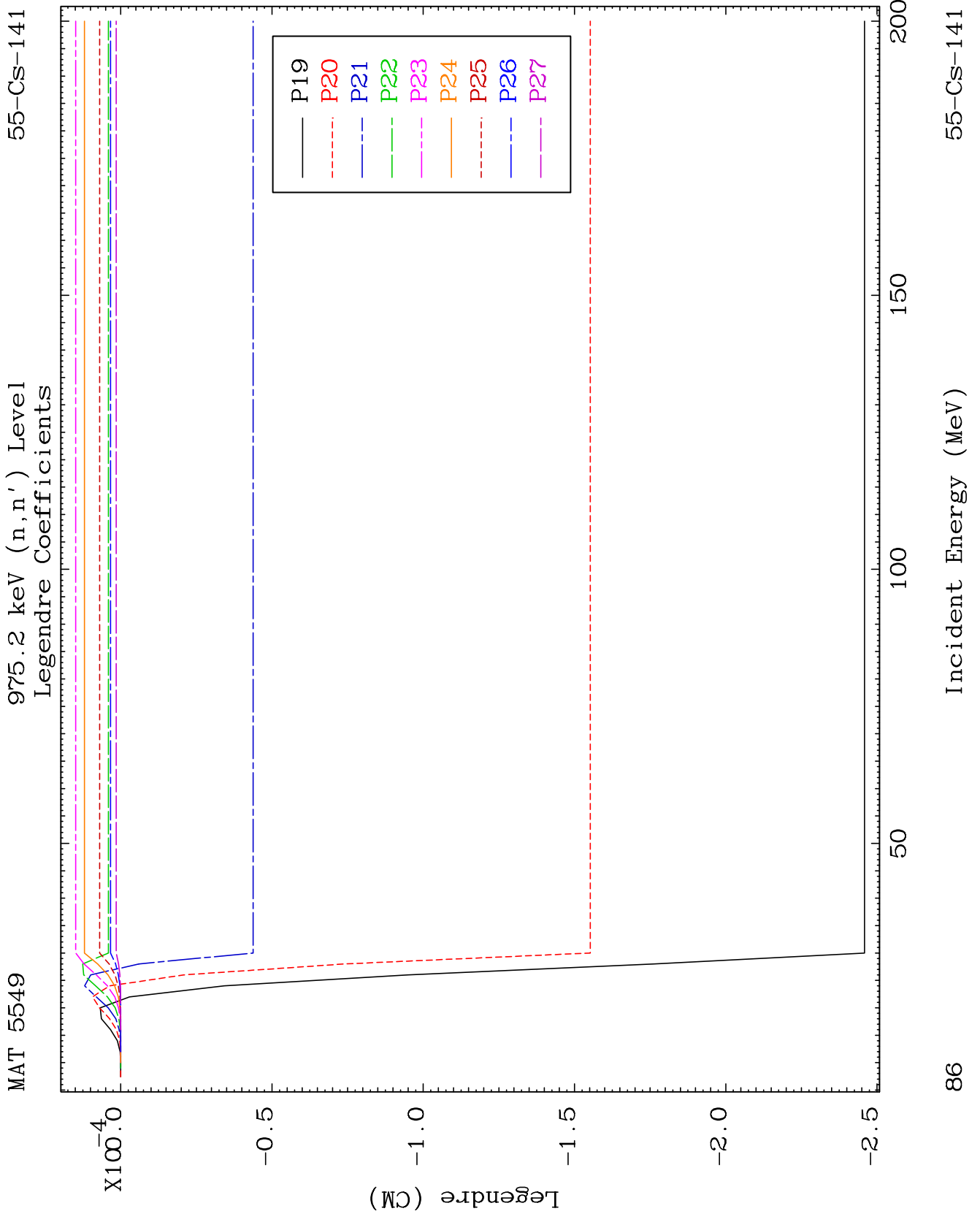
862.4 keV (n,n') Level
Legendre Coefficients

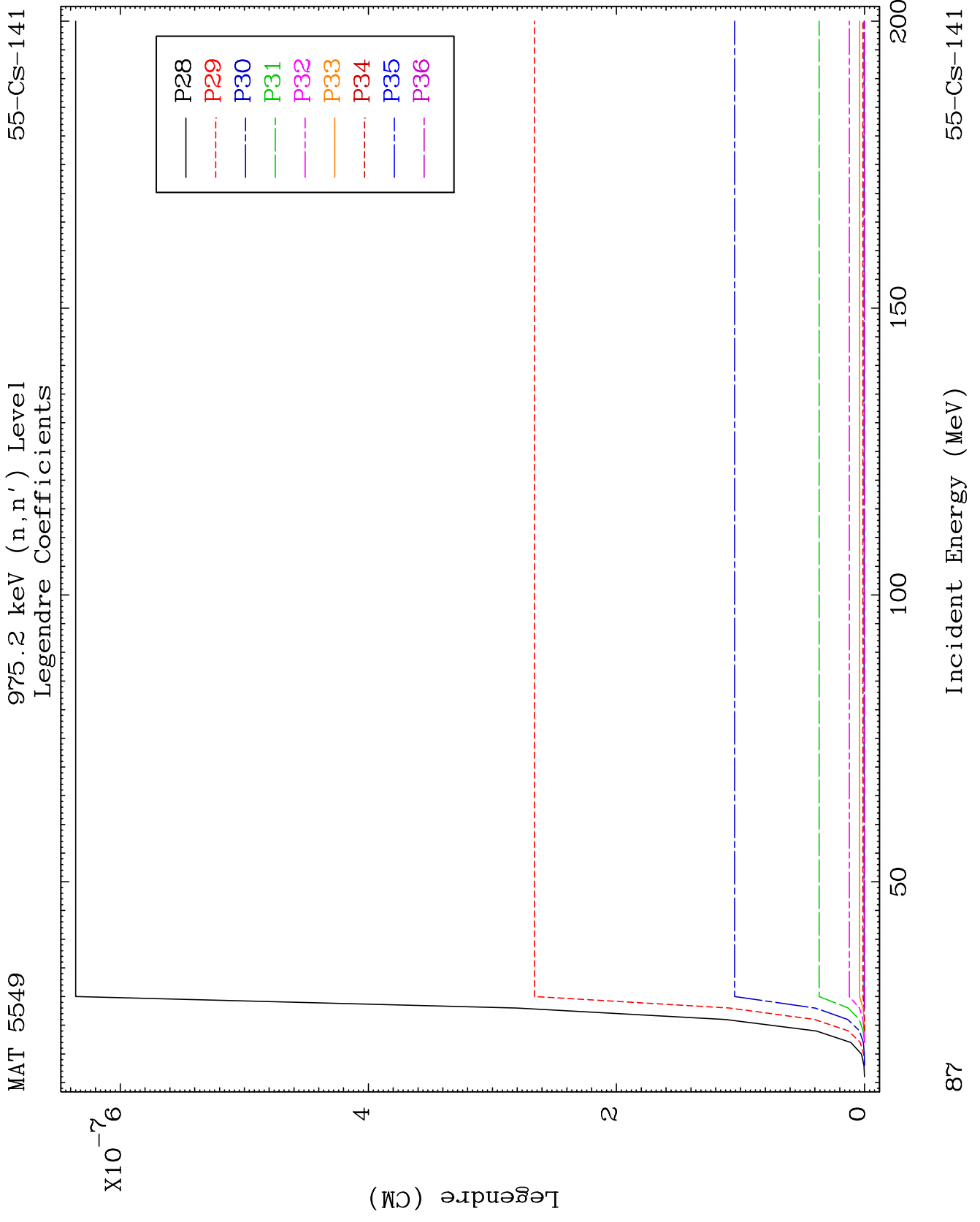
55-Cs-141

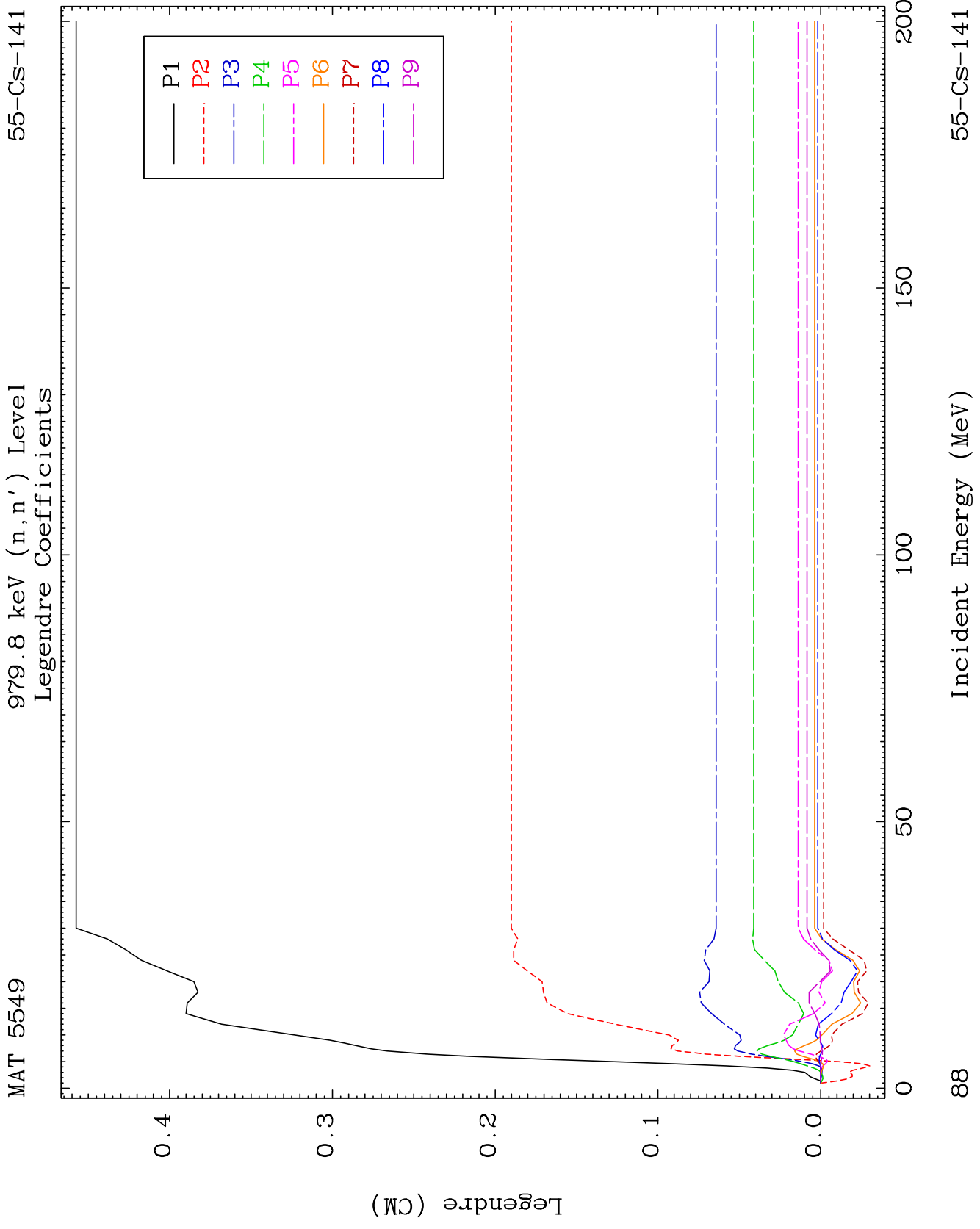








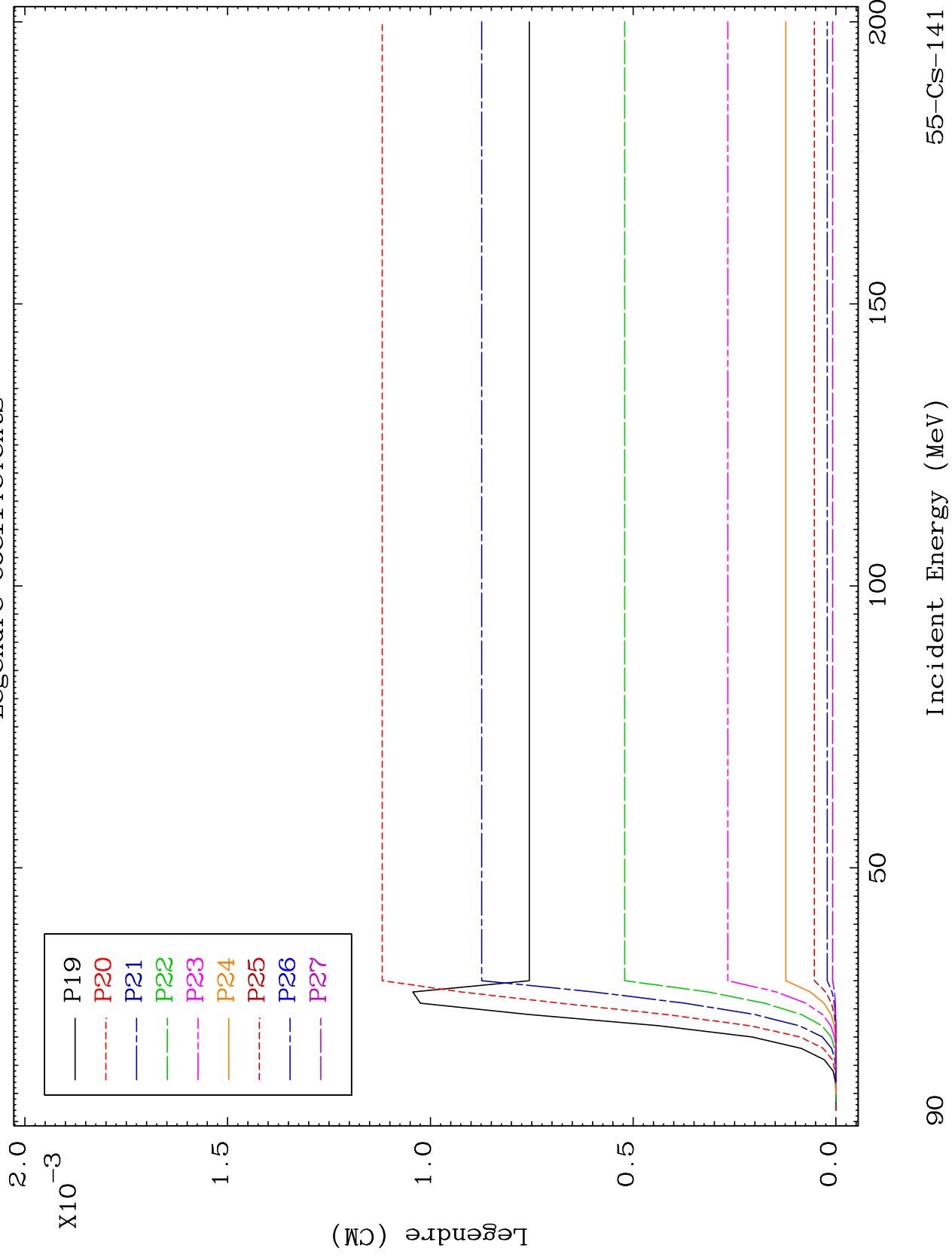




MAT 5549

979.8 keV (n,n') Level
Legendre Coefficients

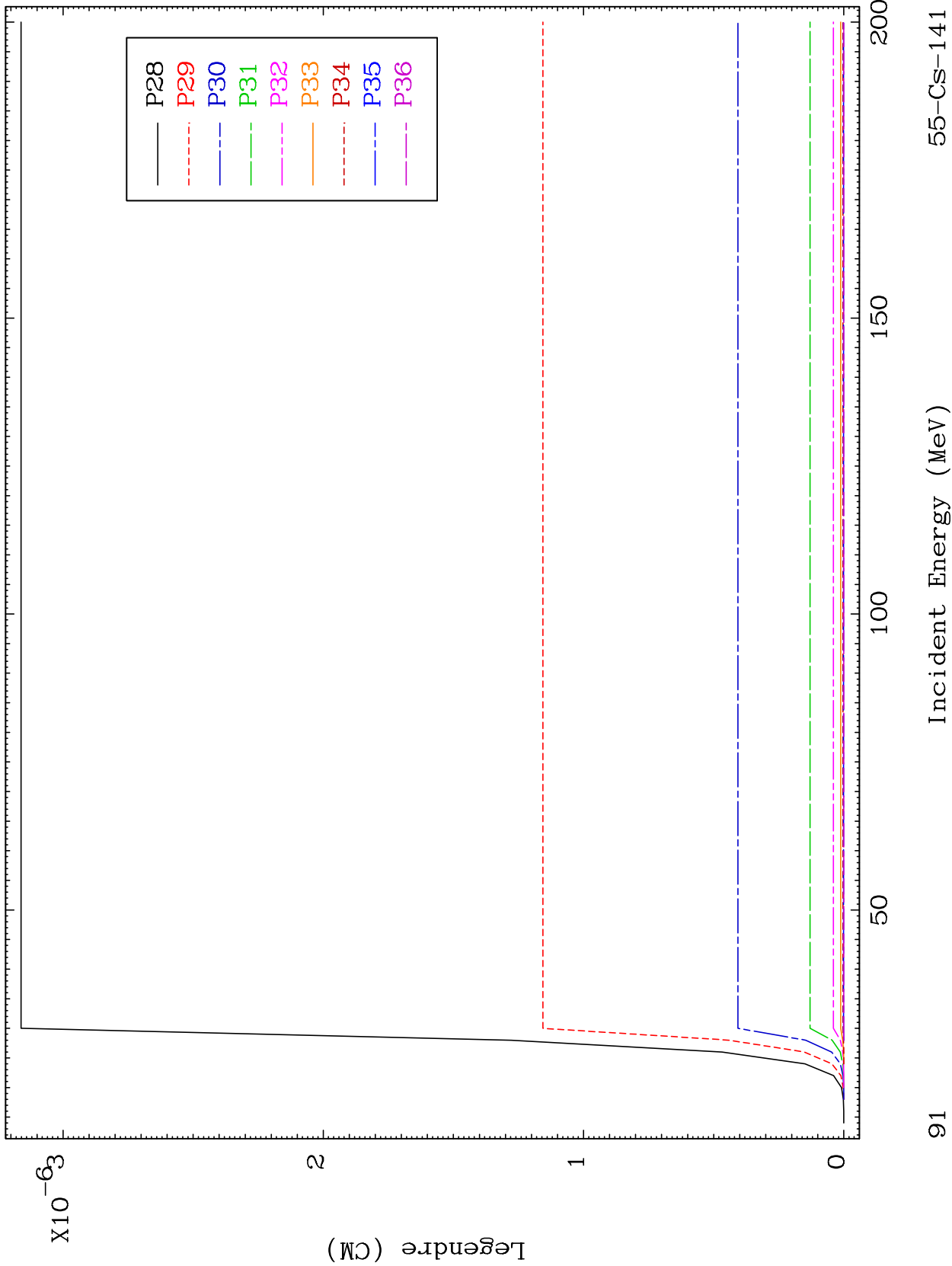
55-Cs-141



MAT 5549

979.8 keV (n,n') Level
Legendre Coefficients

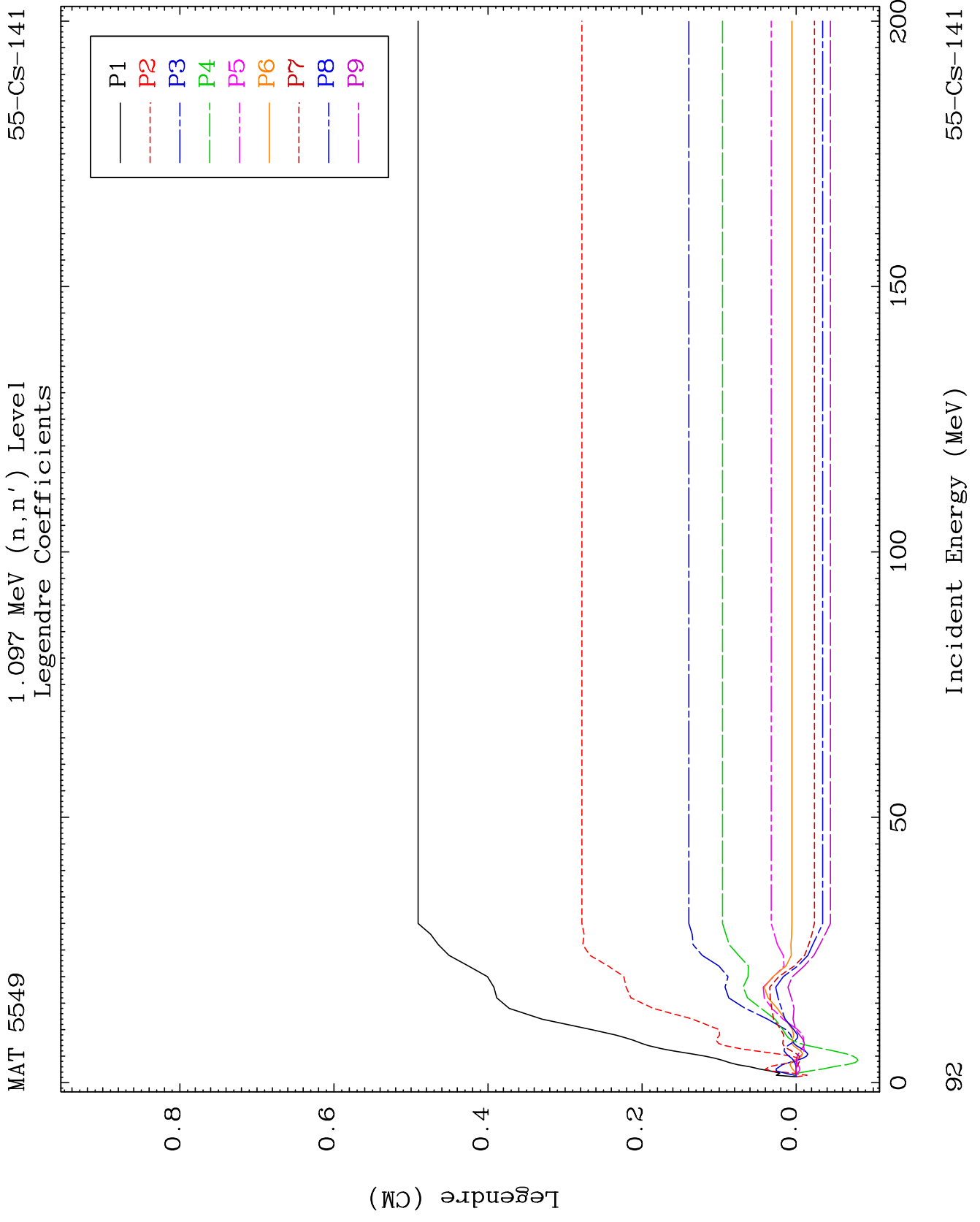
55-Cs-141

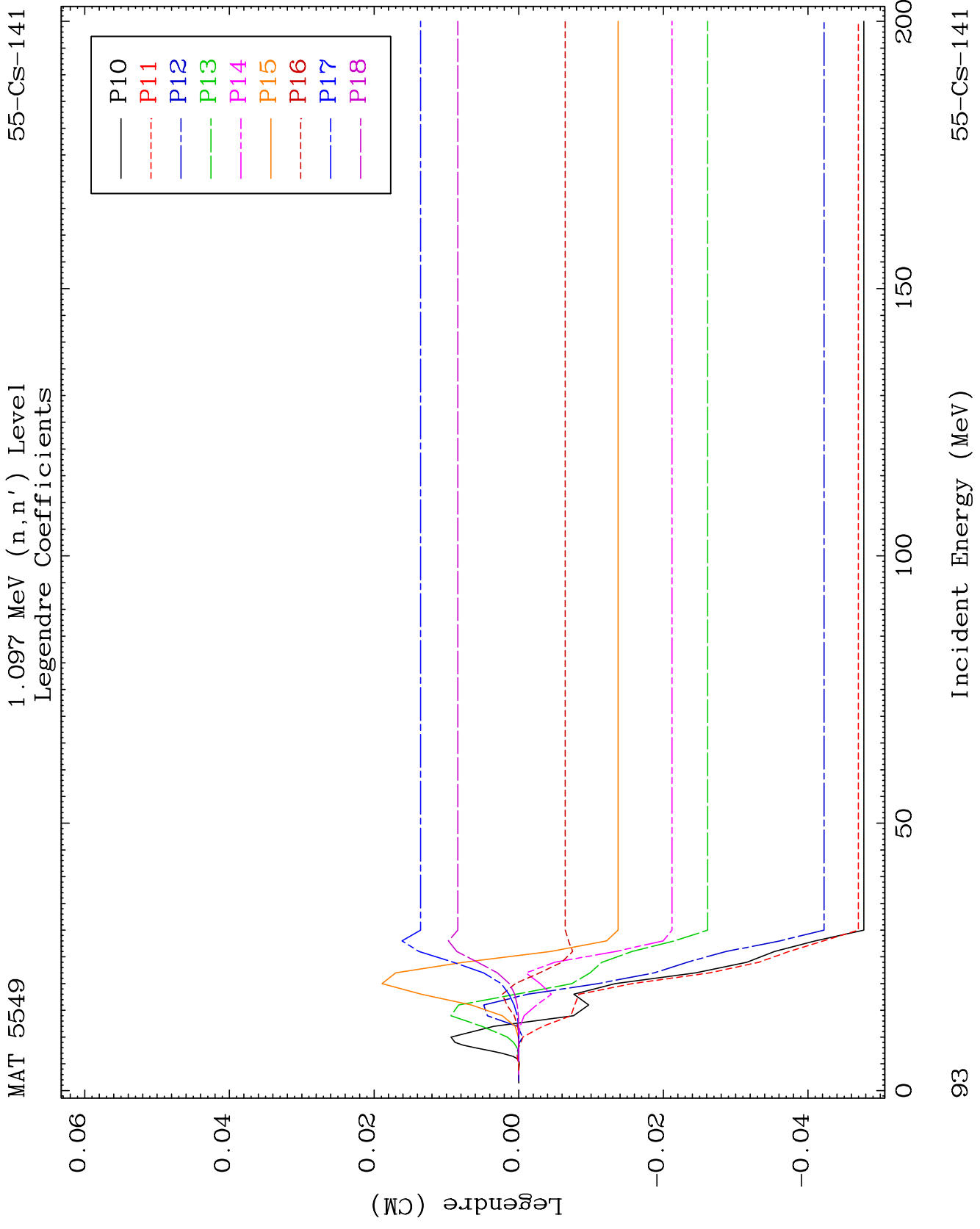


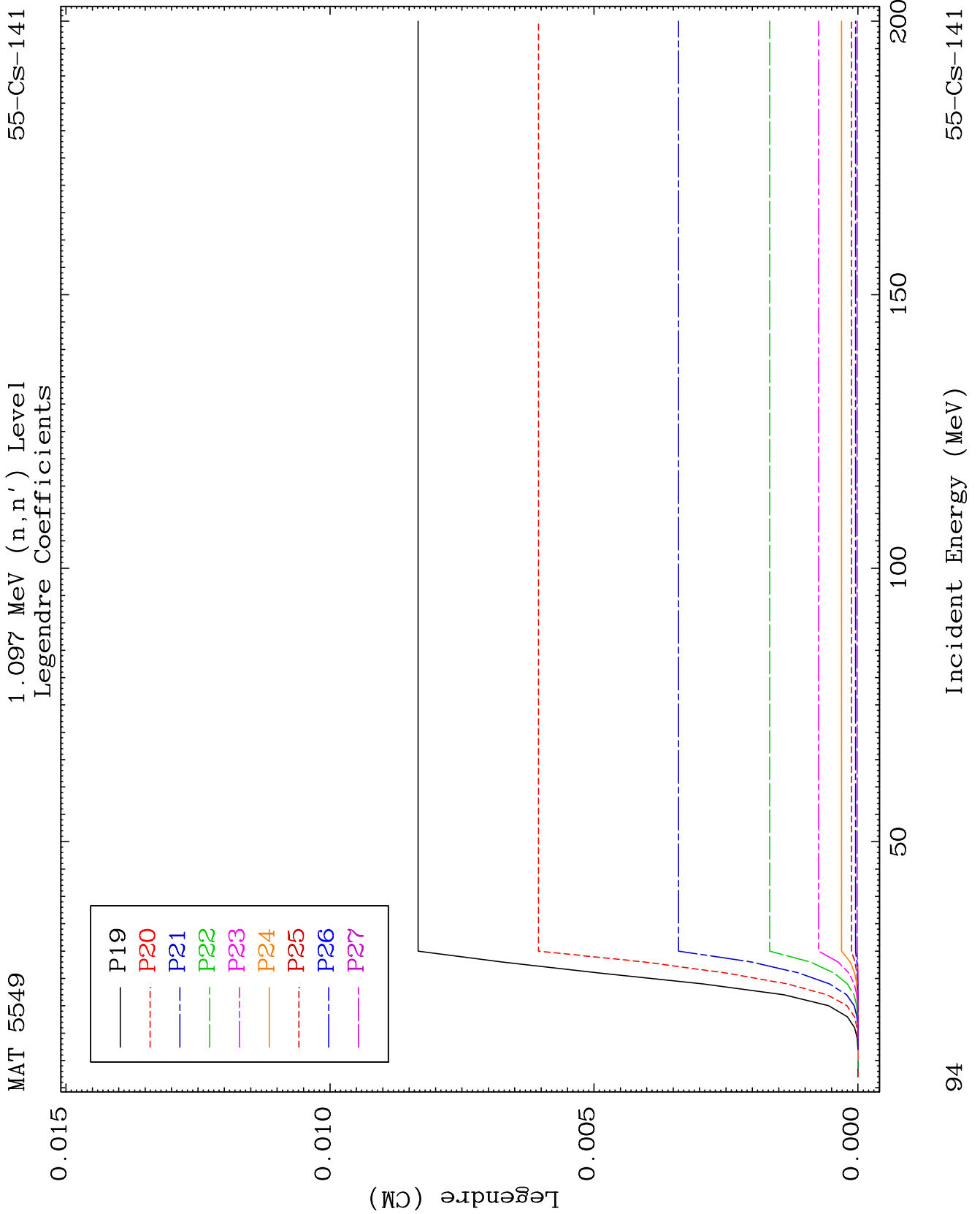
91

Incident Energy (MeV)

55-Cs-141



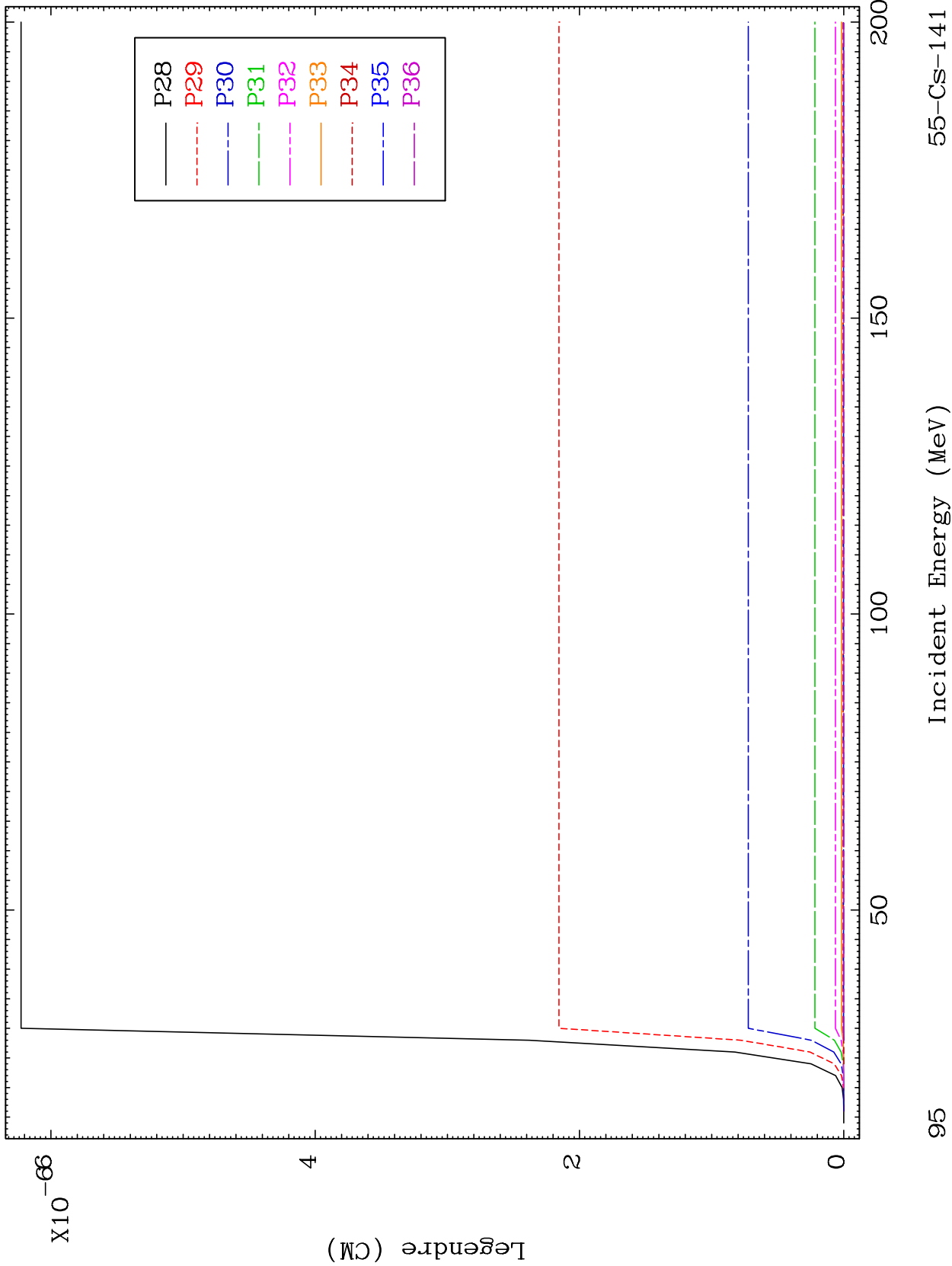




MAT 5549

1.097 MeV (n, n') Level
Legendre Coefficients

55-Cs-141



95

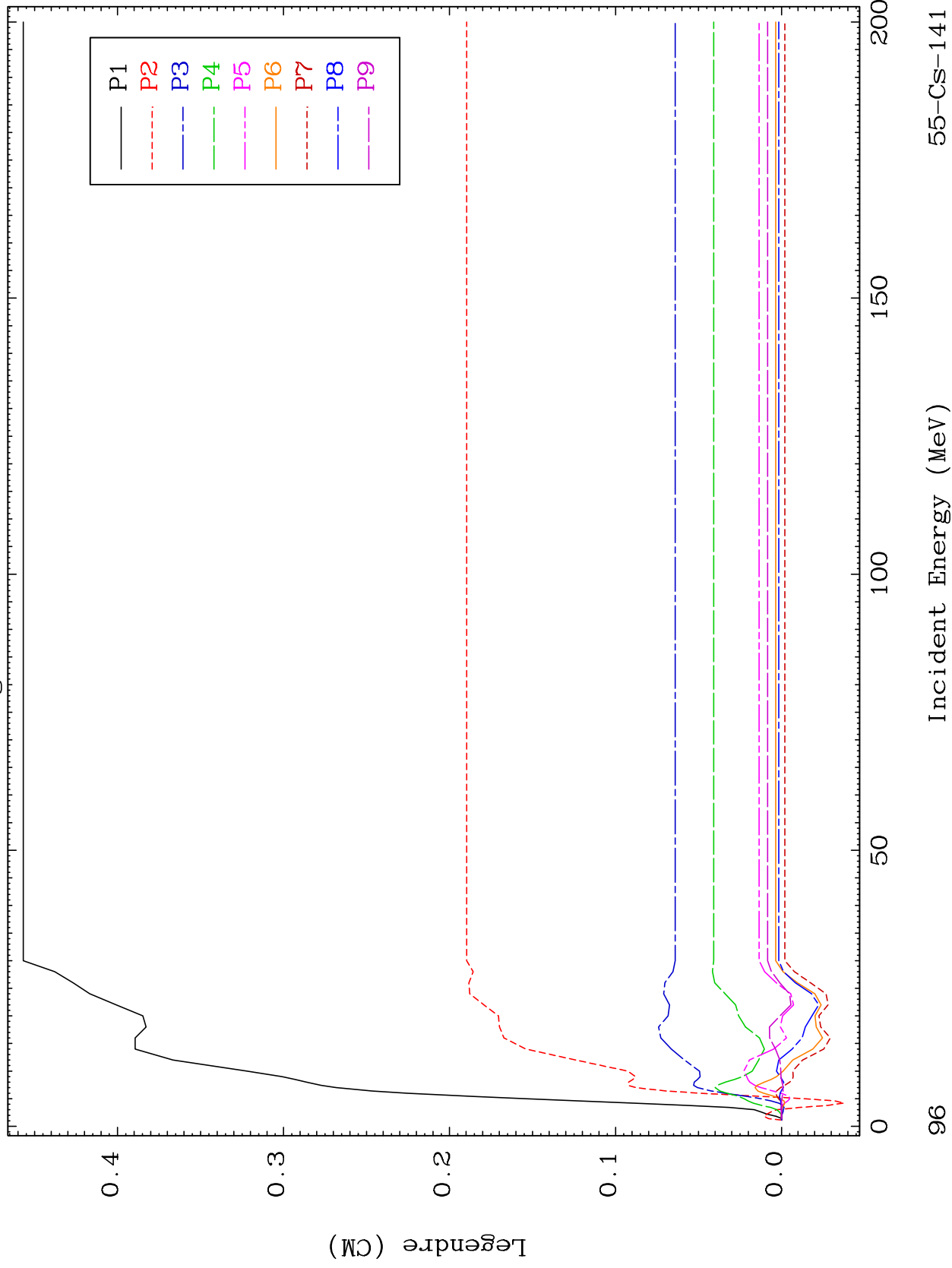
Incident Energy (MeV)

55-Cs-141

MAT 5549

1.121 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

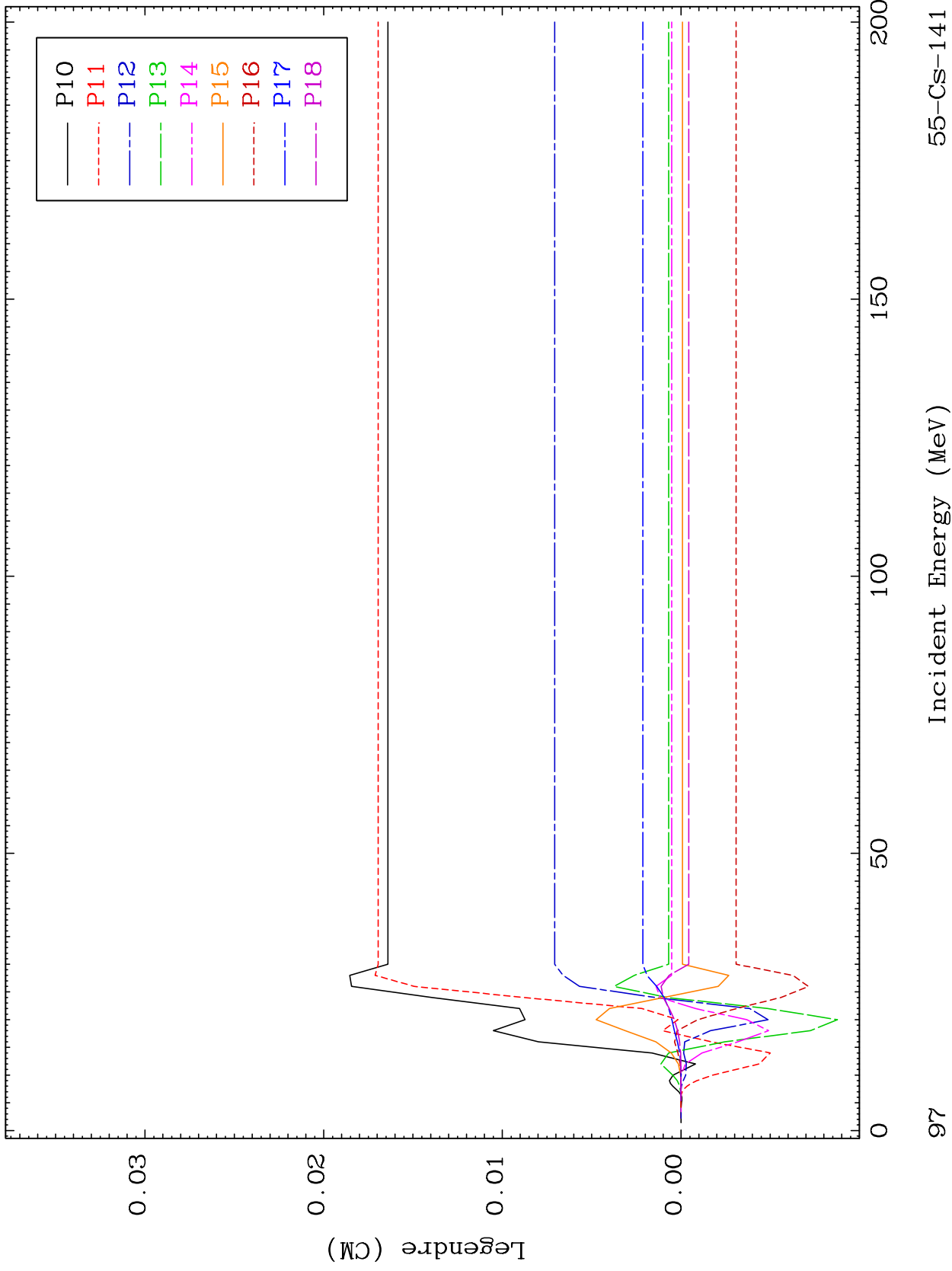
Incident Energy (MeV)

96

MAT 5549

1.121 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



97

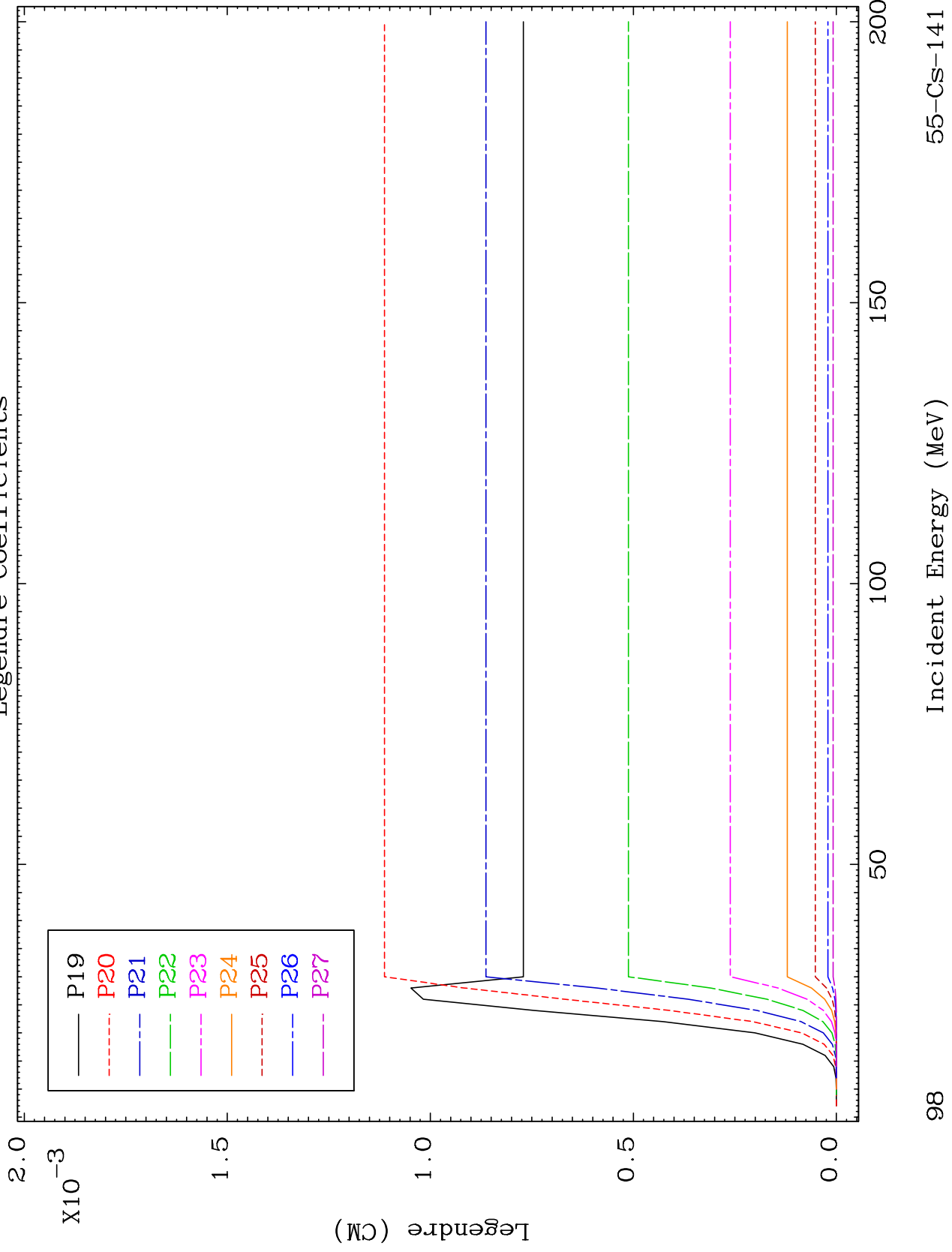
Incident Energy (MeV)

55-Cs-141

MAT 5549

1.121 MeV (n,n') Level
Legendre Coefficients

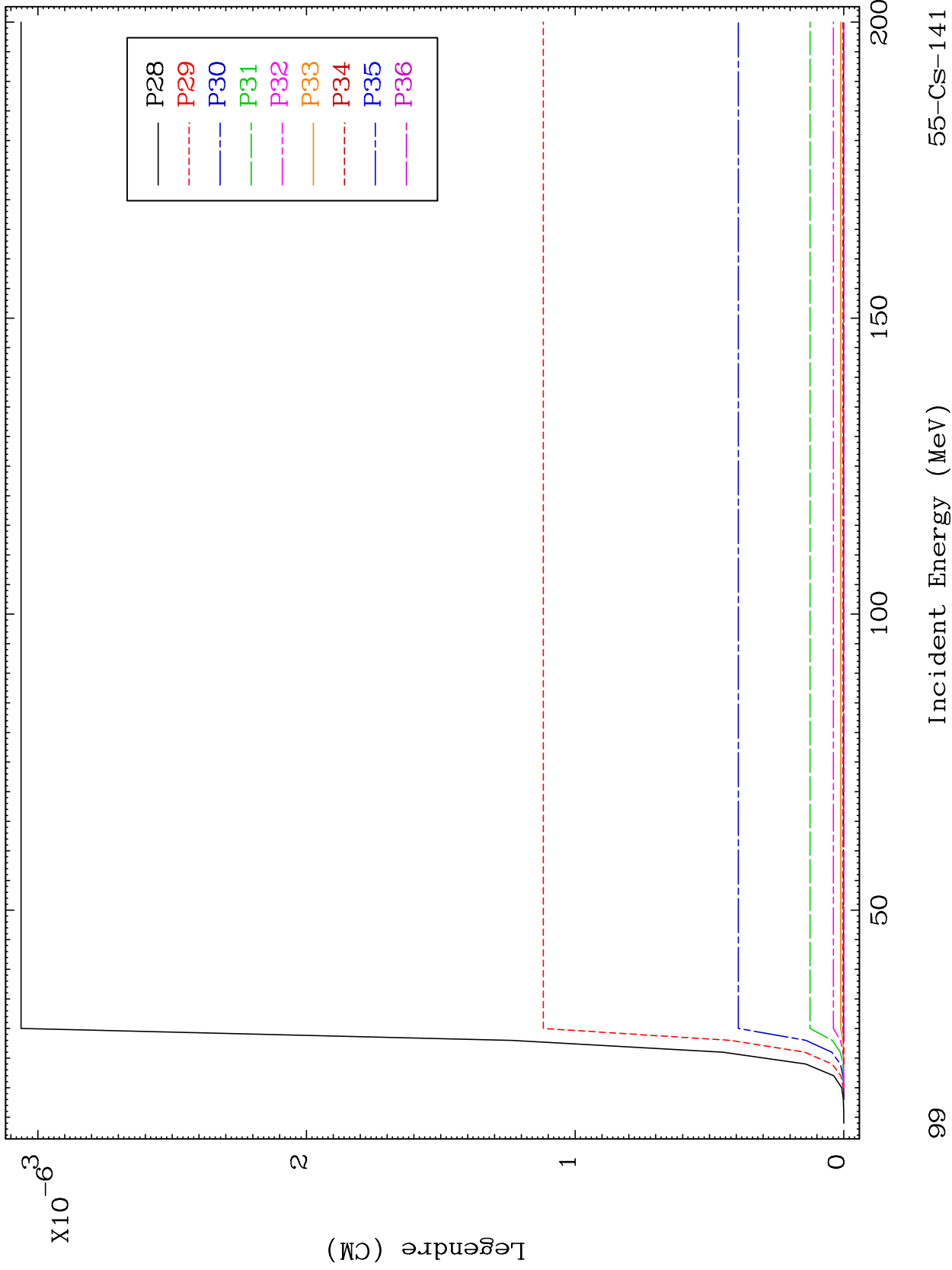
55-Cs-141



MAT 5549

1.121 MeV (n,n') Level
Legendre Coefficients

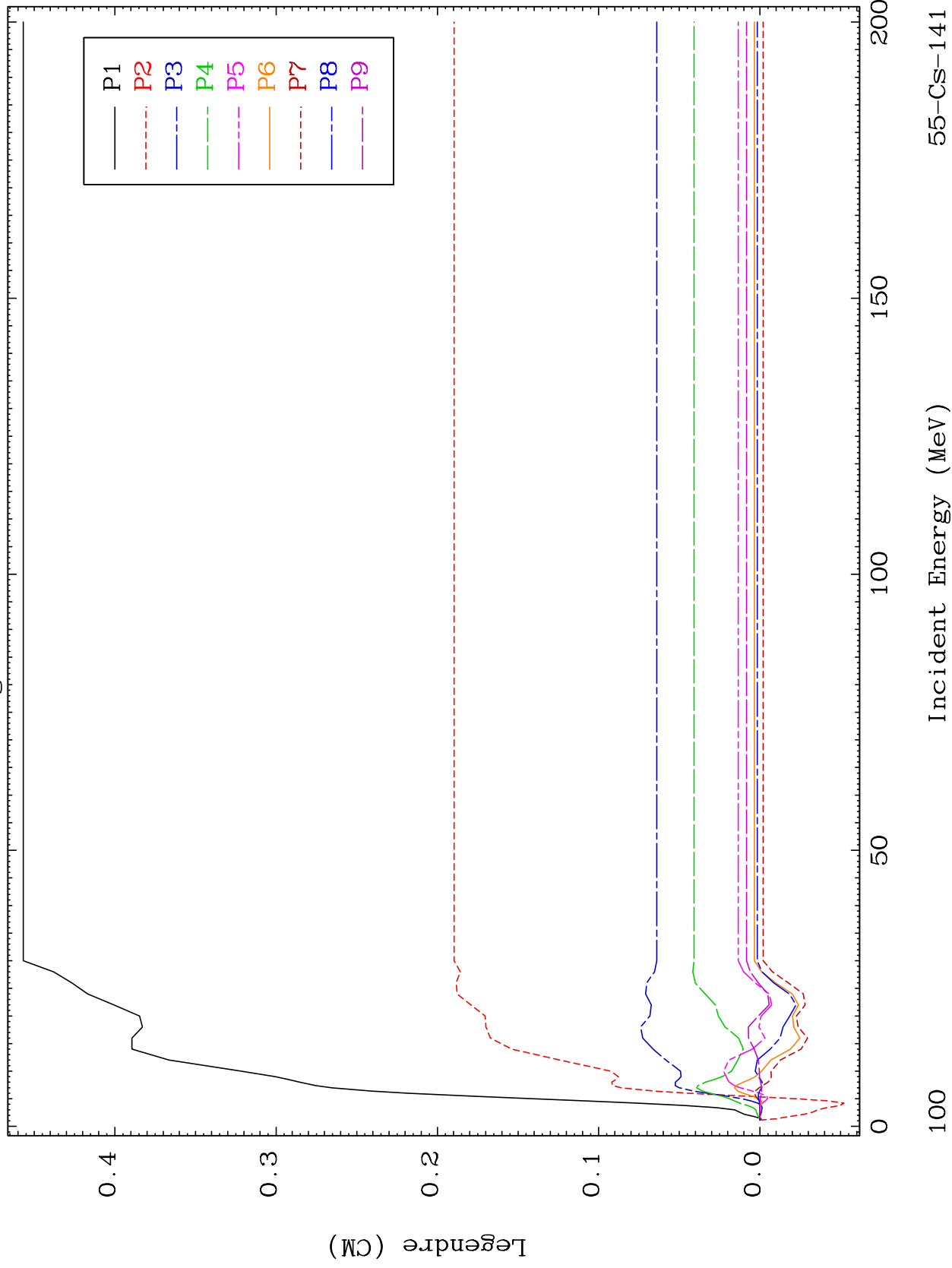
55-Cs-141



MAT 5549

1.134 MeV (n,n') Level
Legendre Coefficients

55-Cs-141

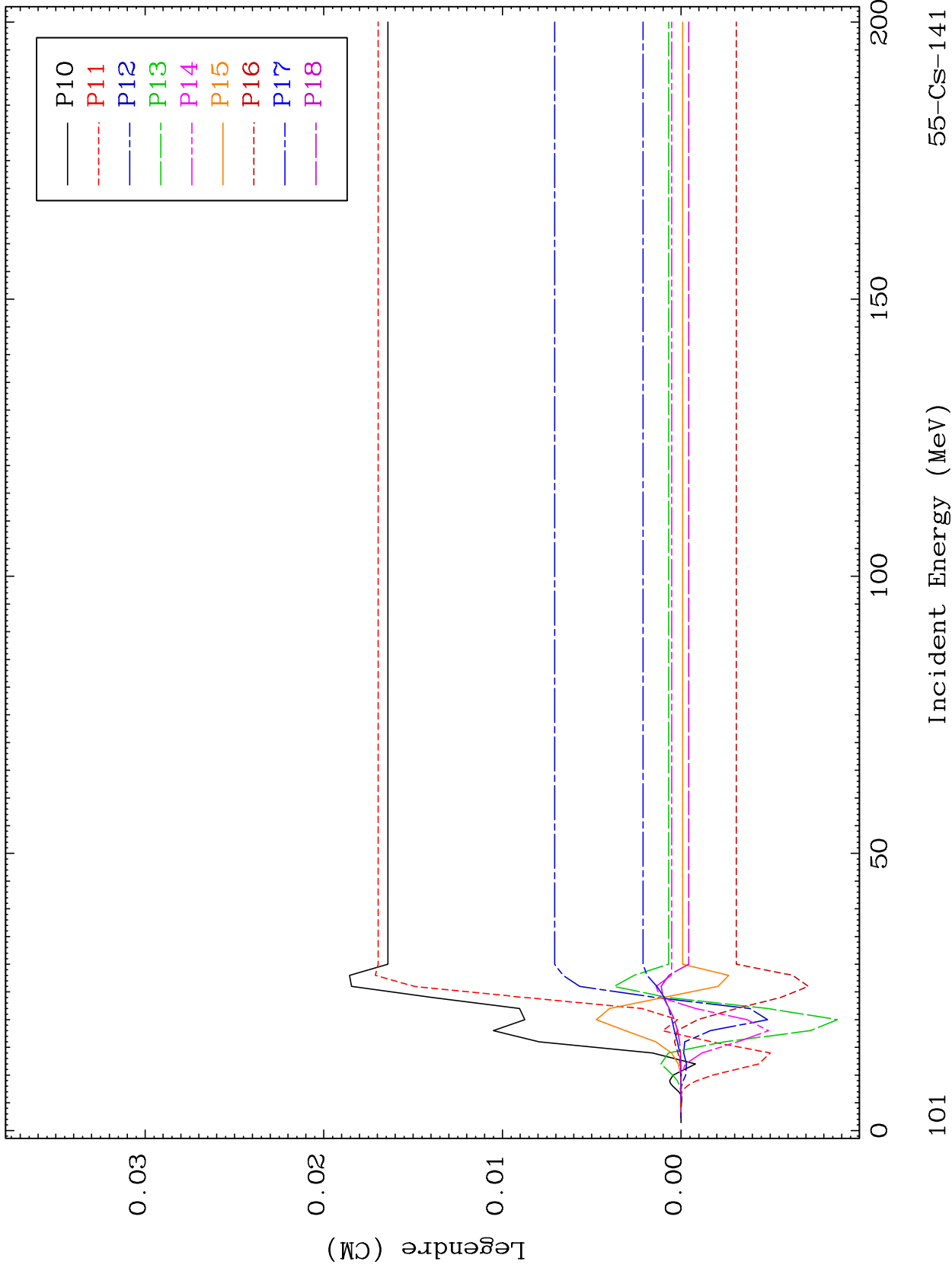


55-Cs-141

MAT 5549

1.134 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



55-Cs-141

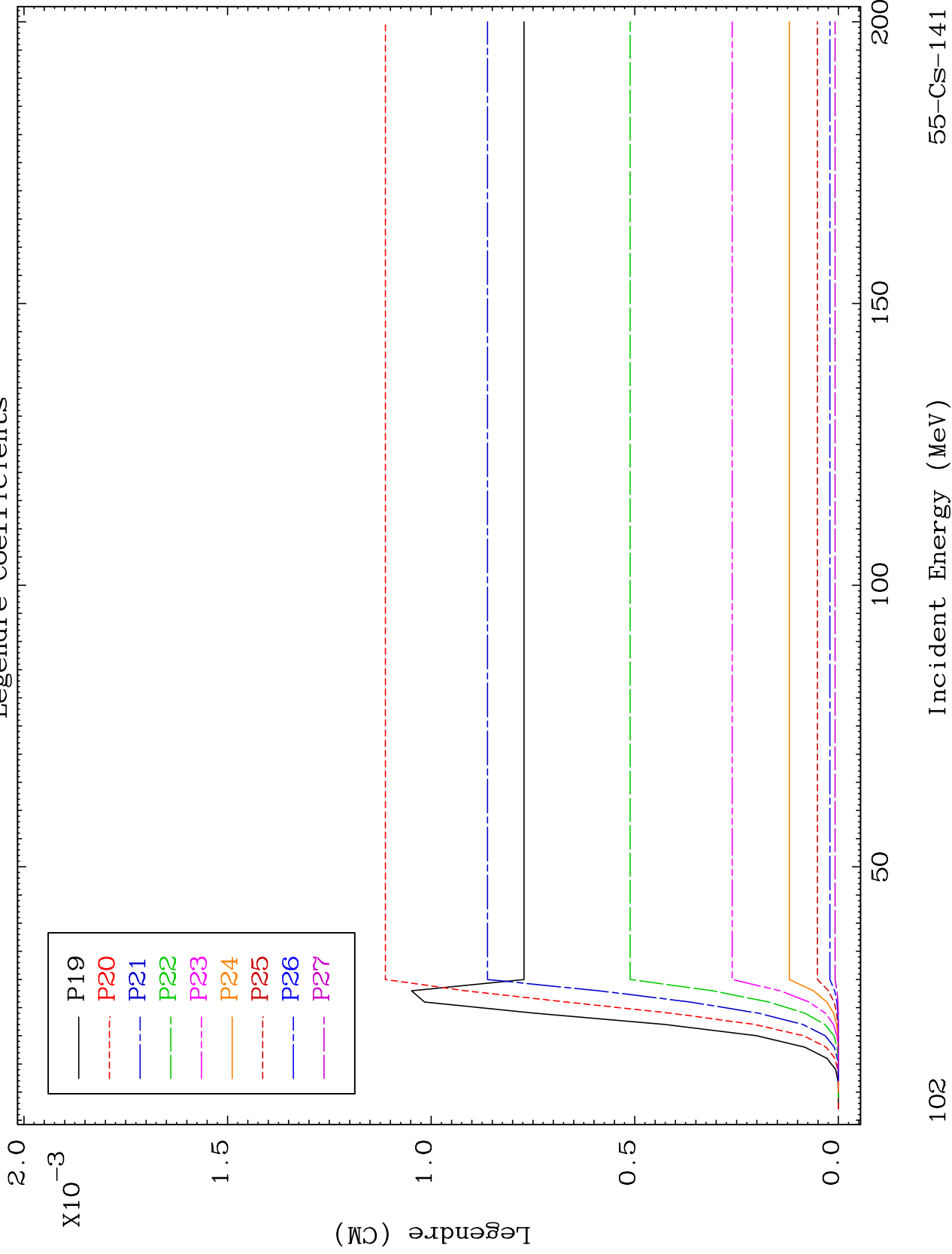
Incident Energy (MeV)

101

MAT 5549

1.134 MeV (n,n') Level
Legendre Coefficients

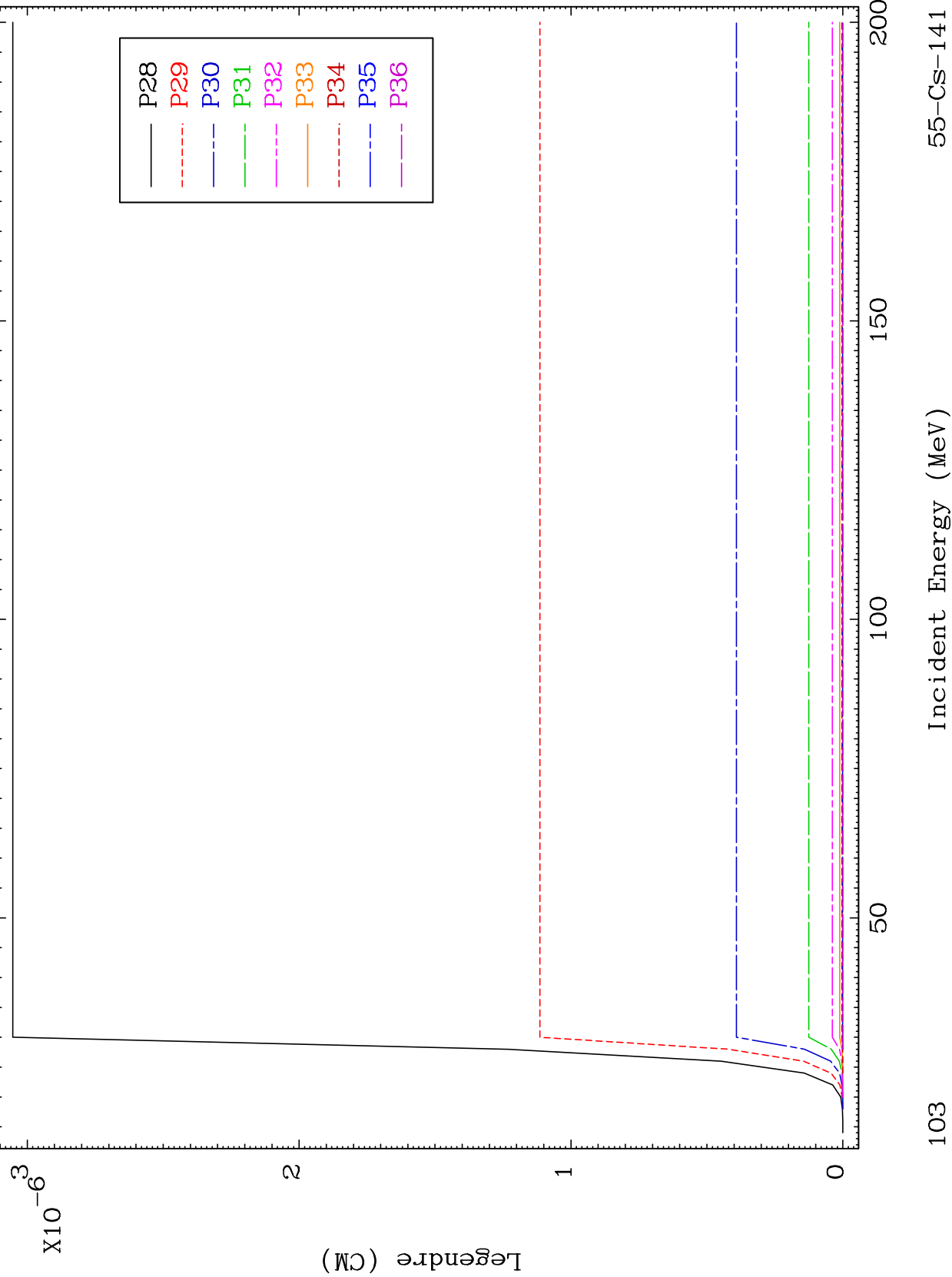
55-Cs-141



MAT 5549

1.134 MeV (n,n') Level
Legendre Coefficients

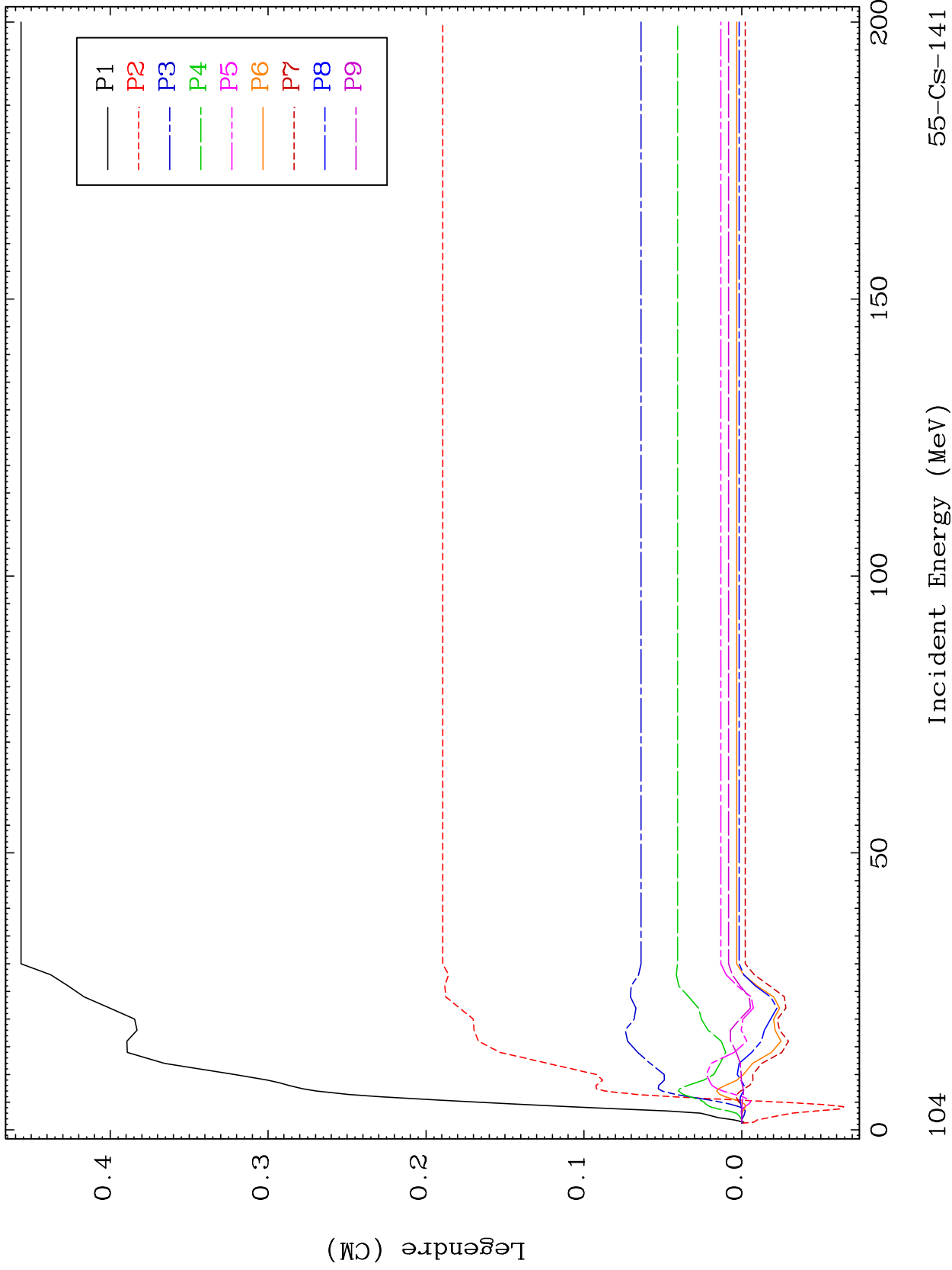
55-Cs-141



MAT 5549

1.195 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



104

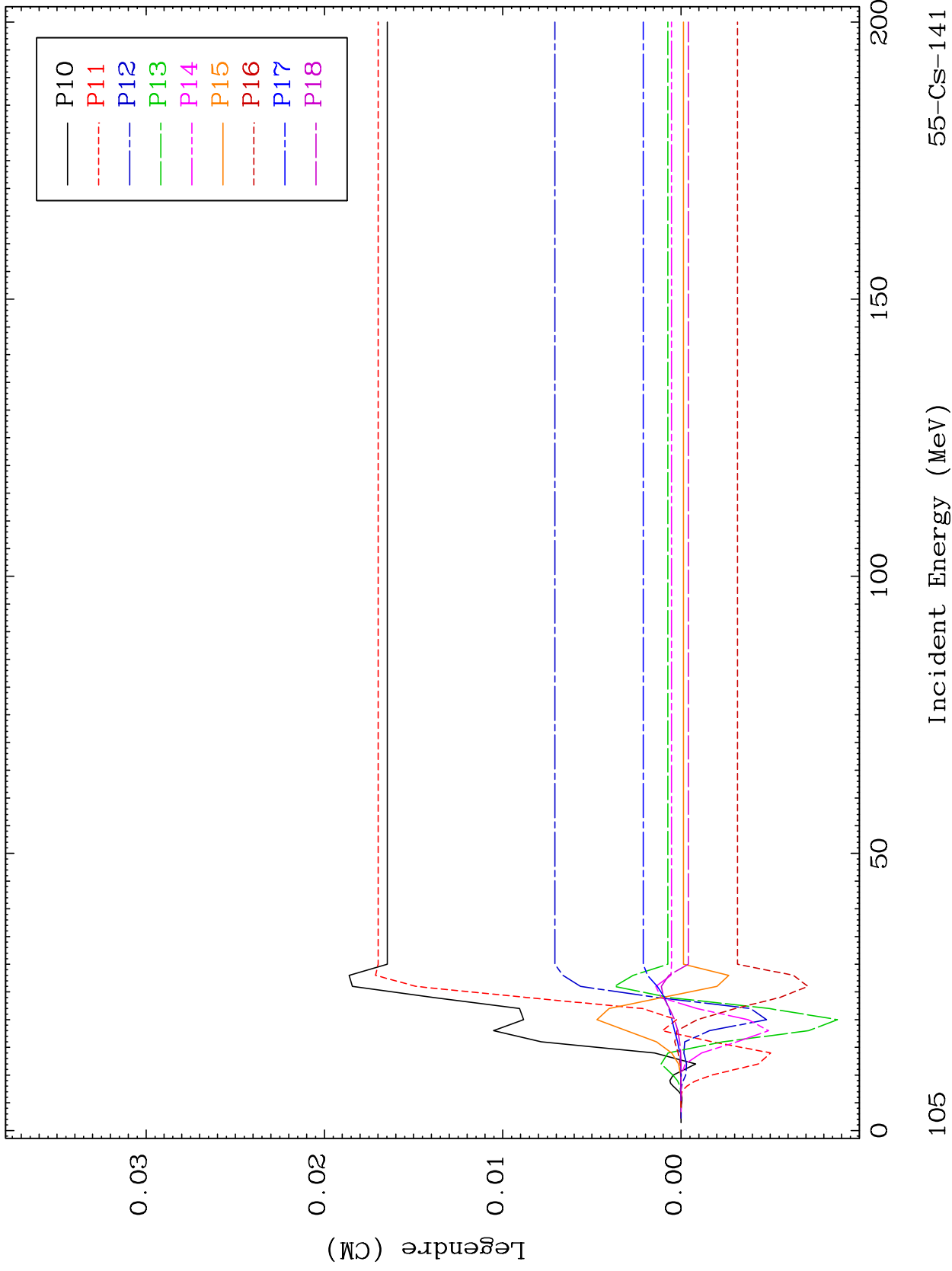
Incident Energy (MeV)

55-Cs-141

MAT 5549

1.195 MeV (n,n') Level
Legendre Coefficients

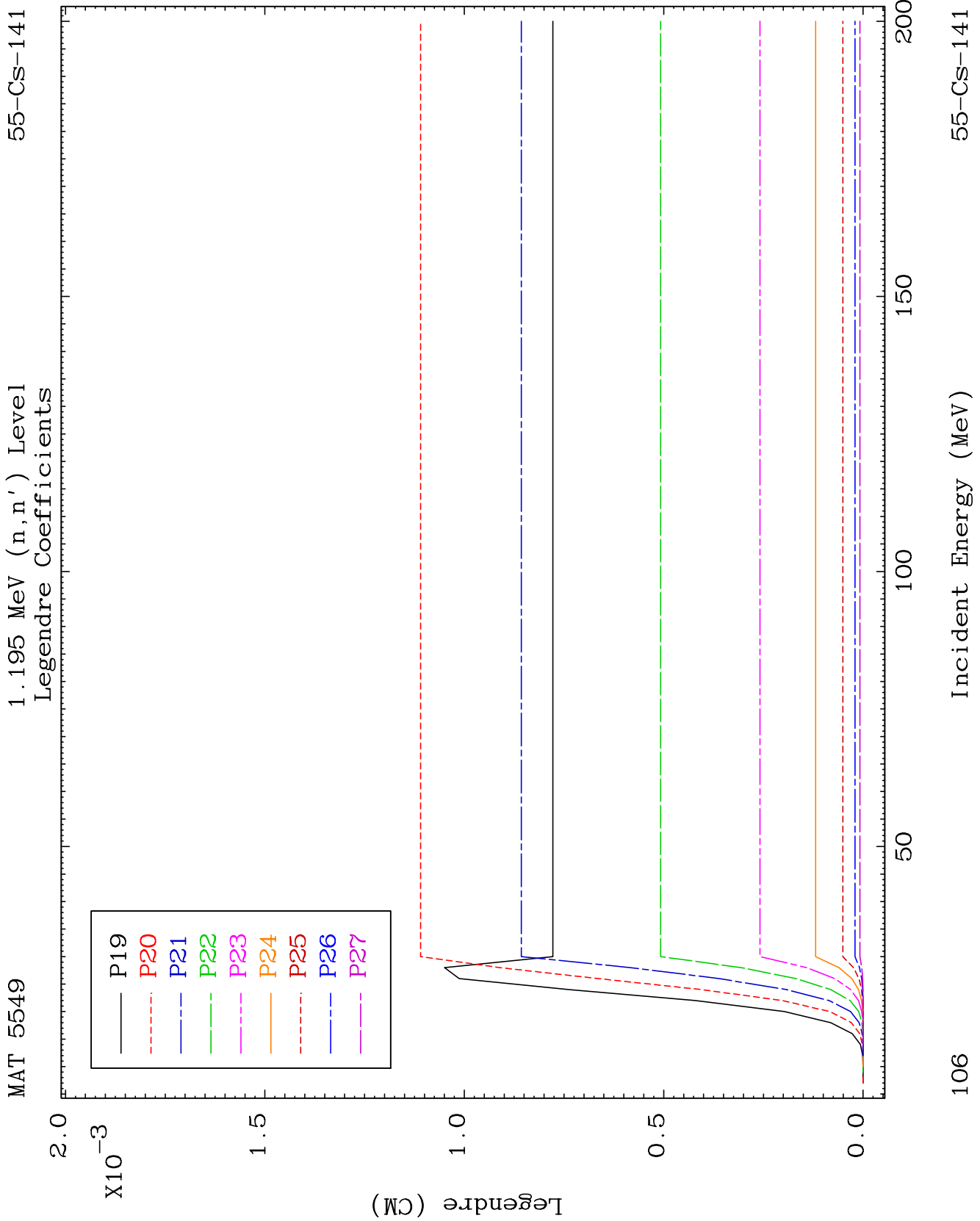
55-Cs-141



55-Cs-141

Incident Energy (MeV)

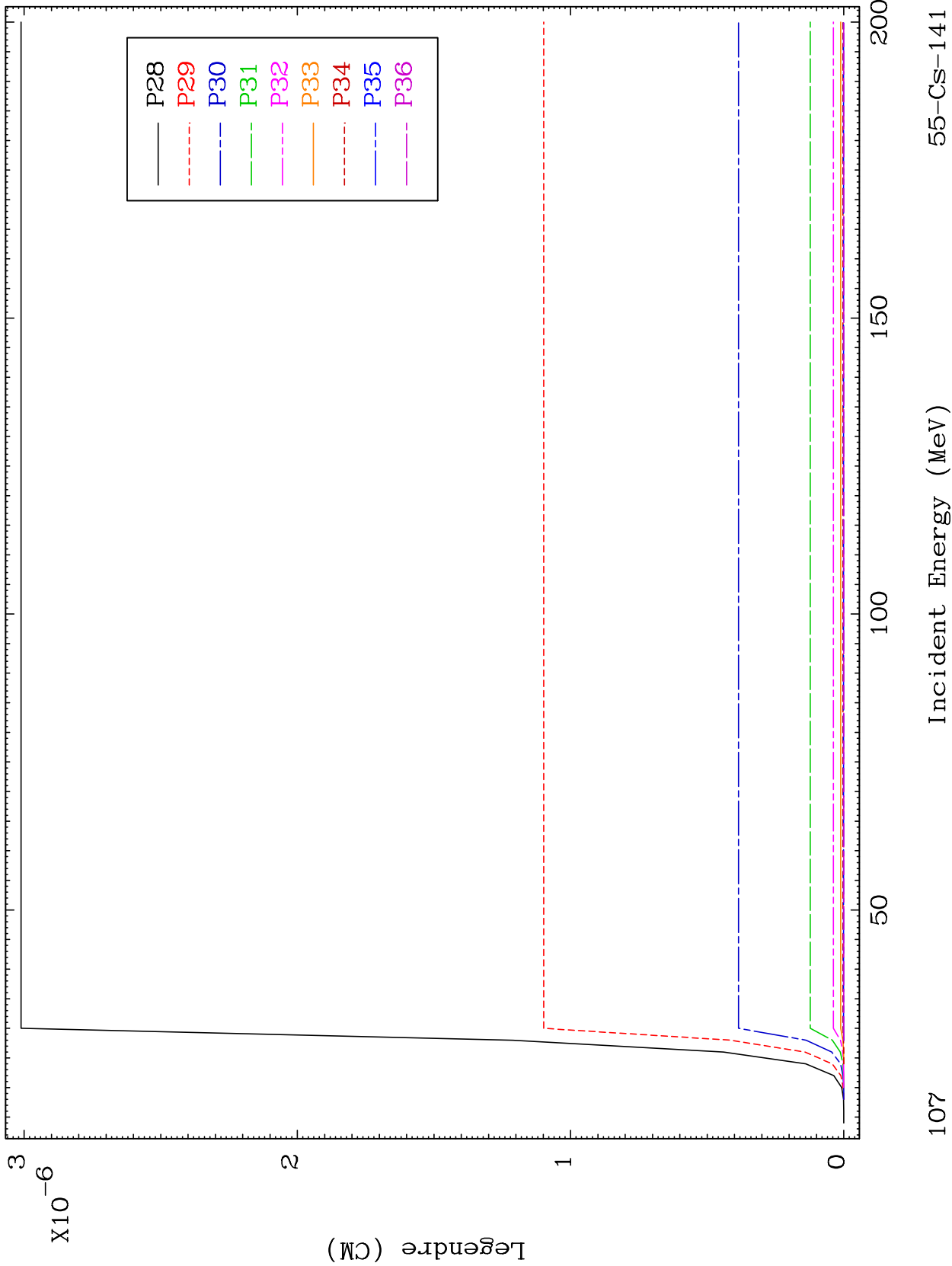
105



MAT 5549

1.195 MeV (n,n') Level
Legendre Coefficients

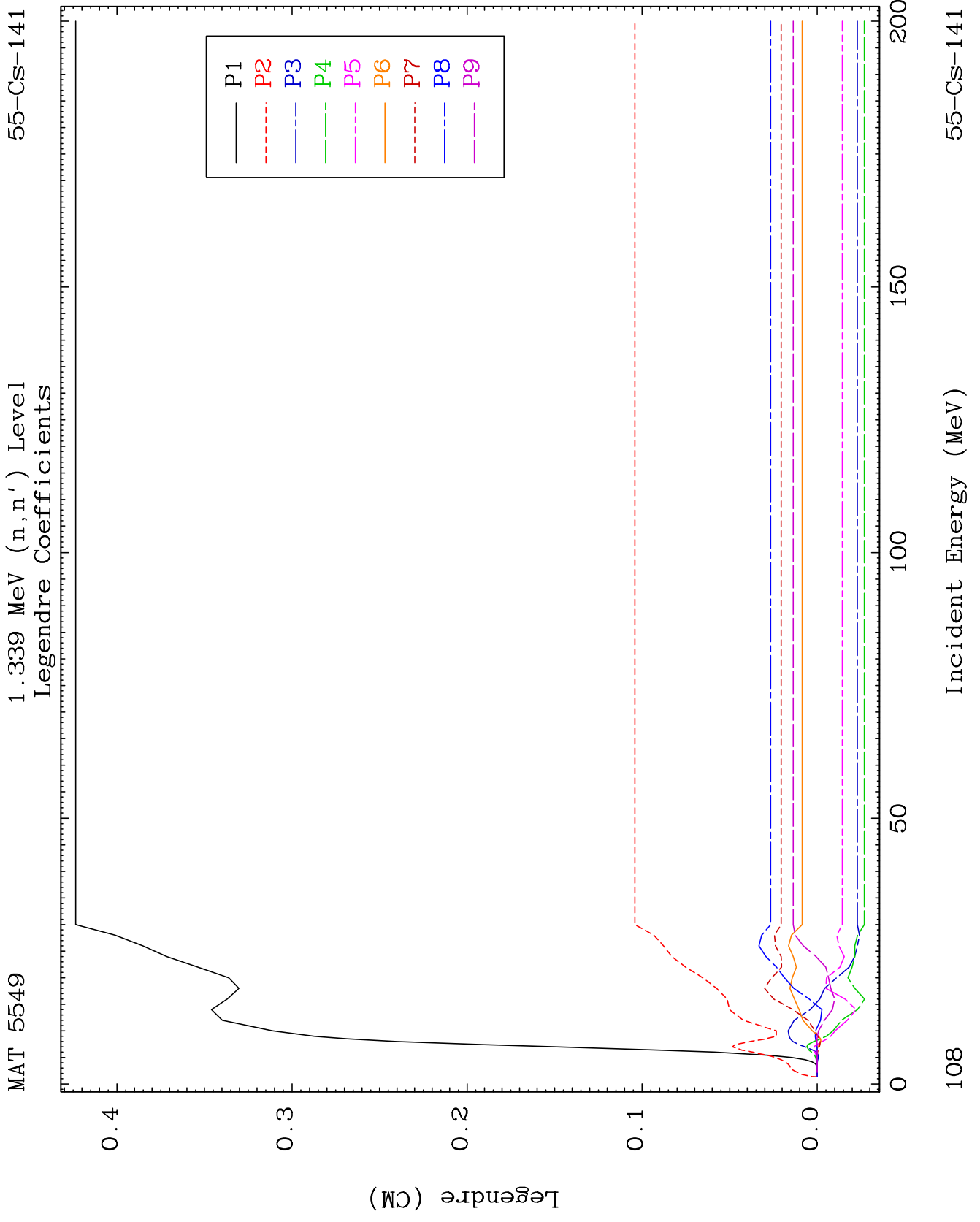
55-Cs-141

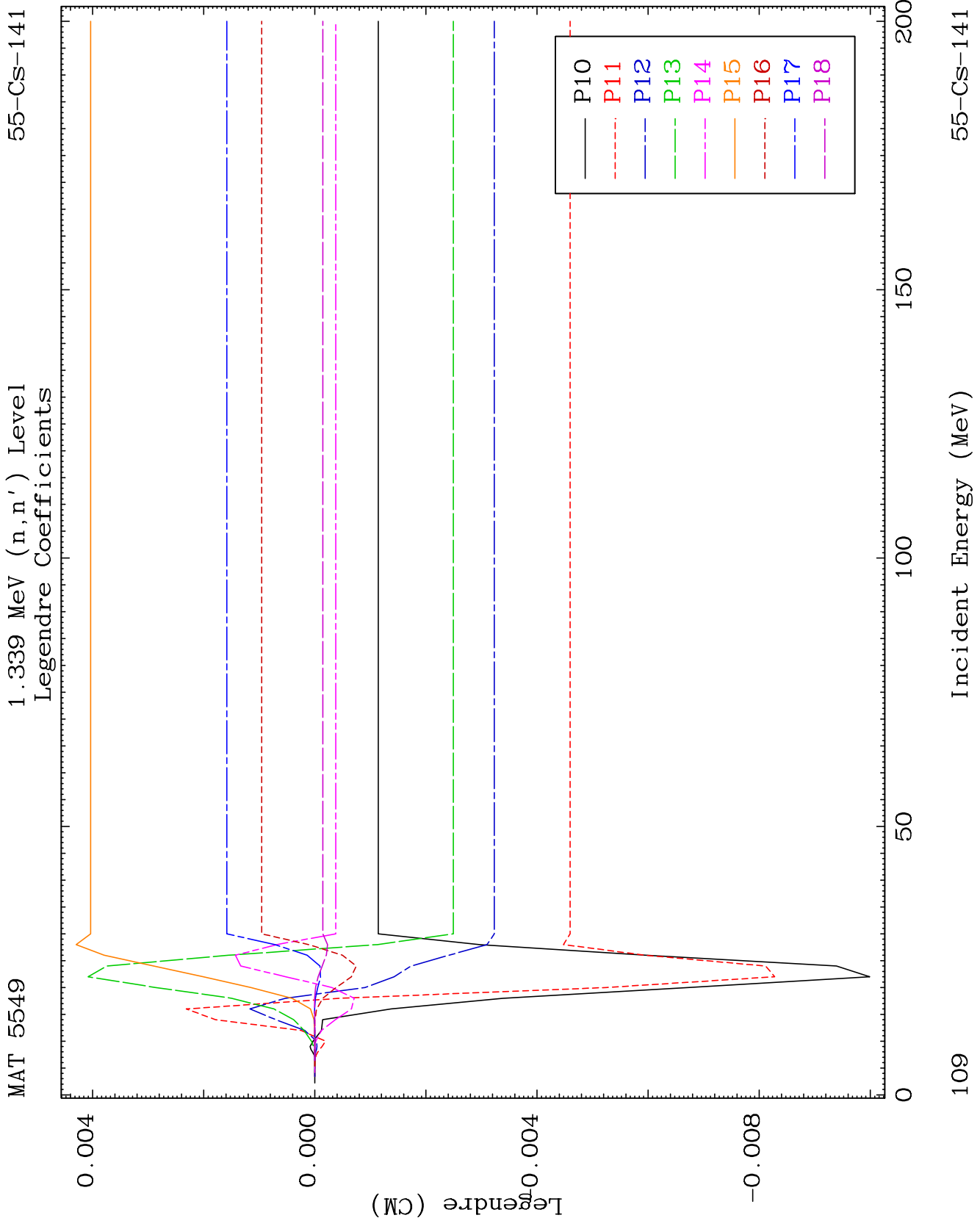


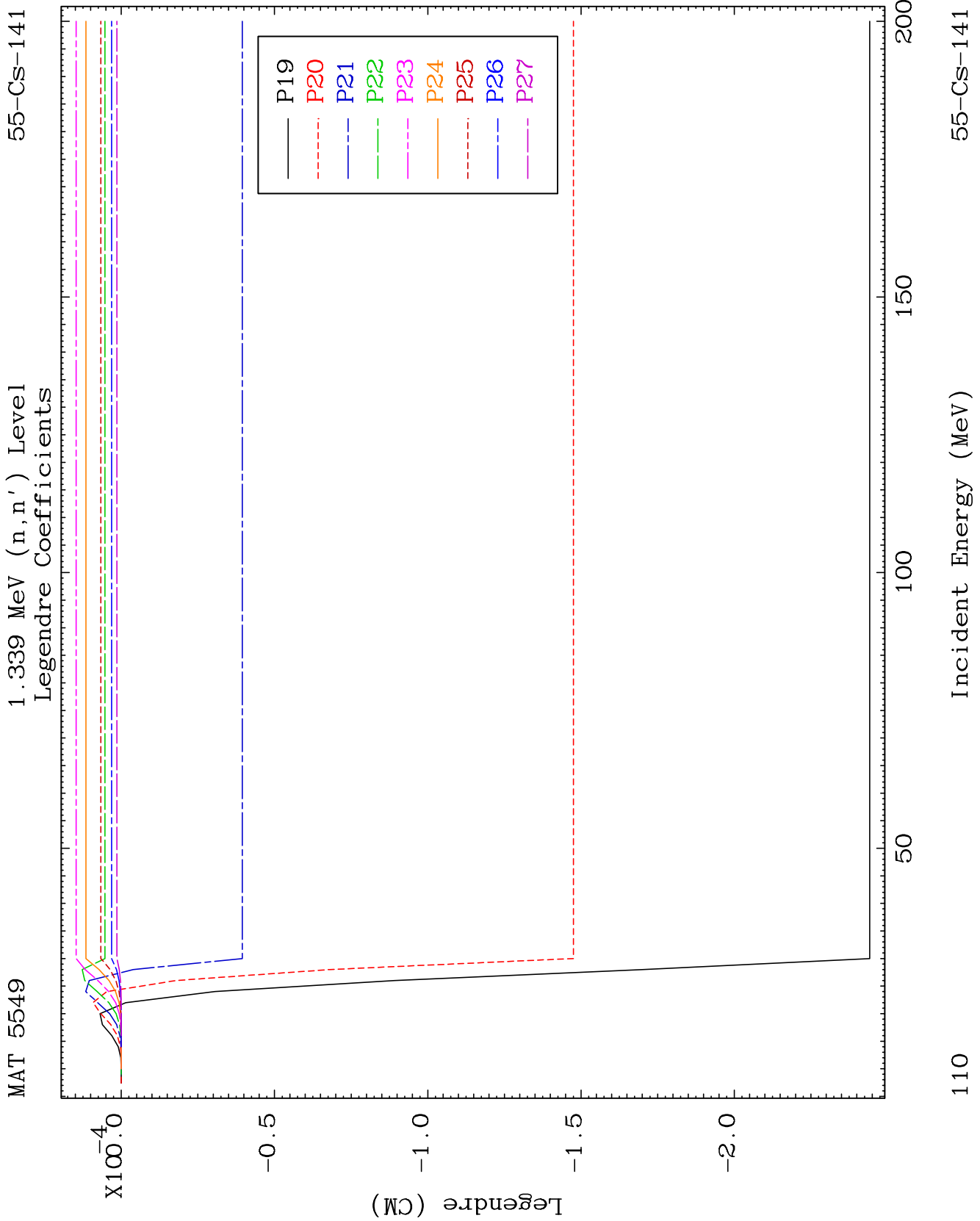
107

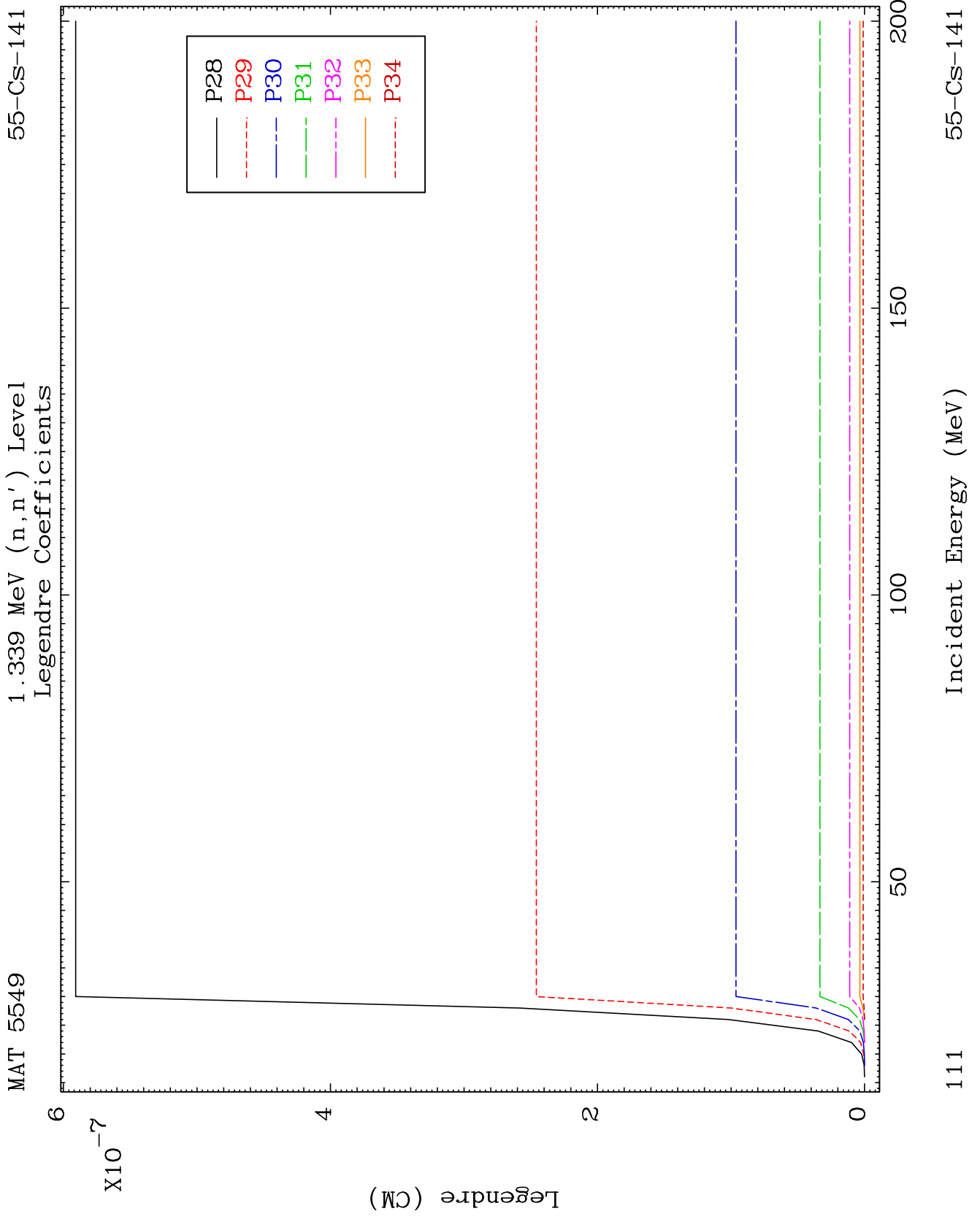
Incident Energy (MeV)

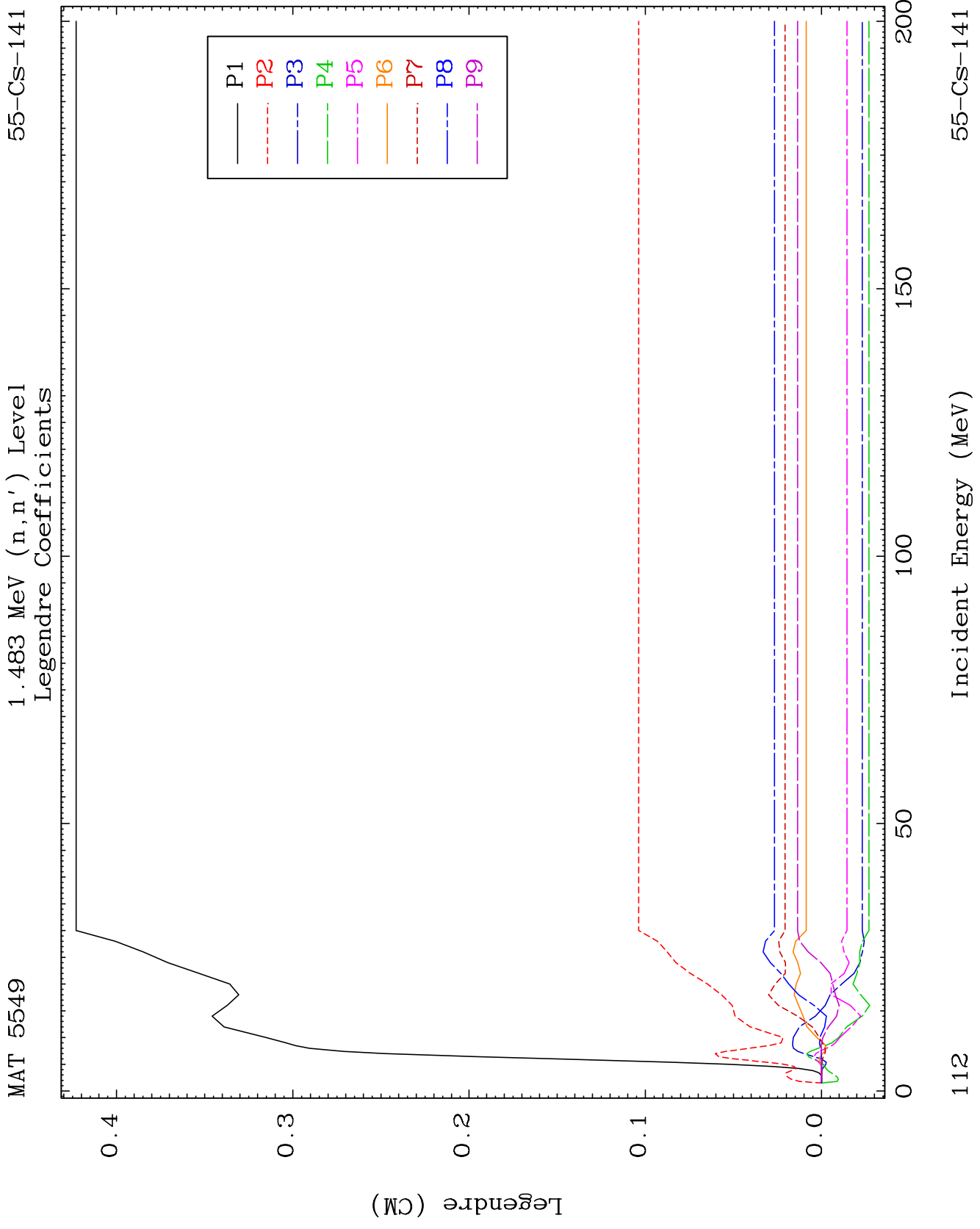
55-Cs-141

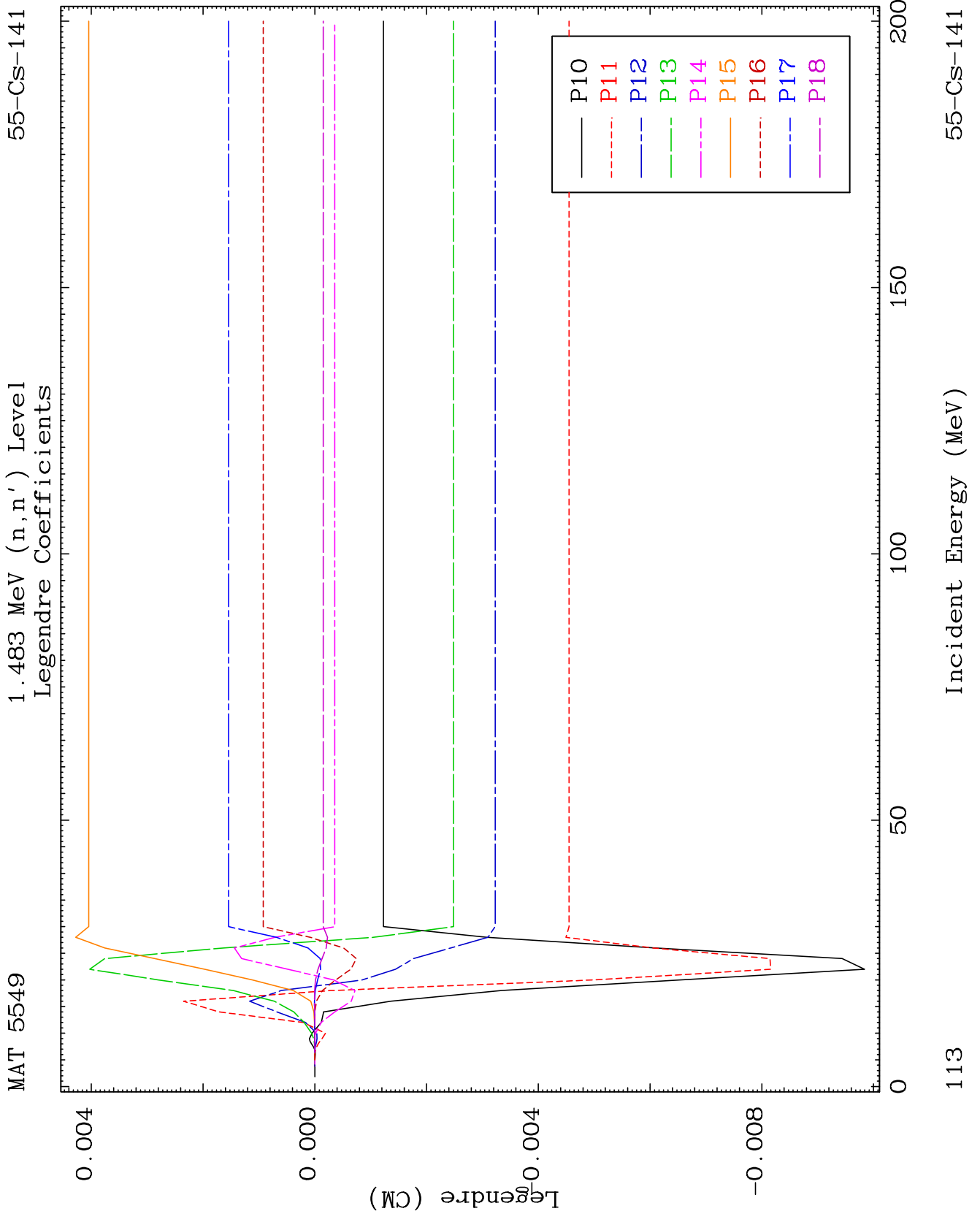


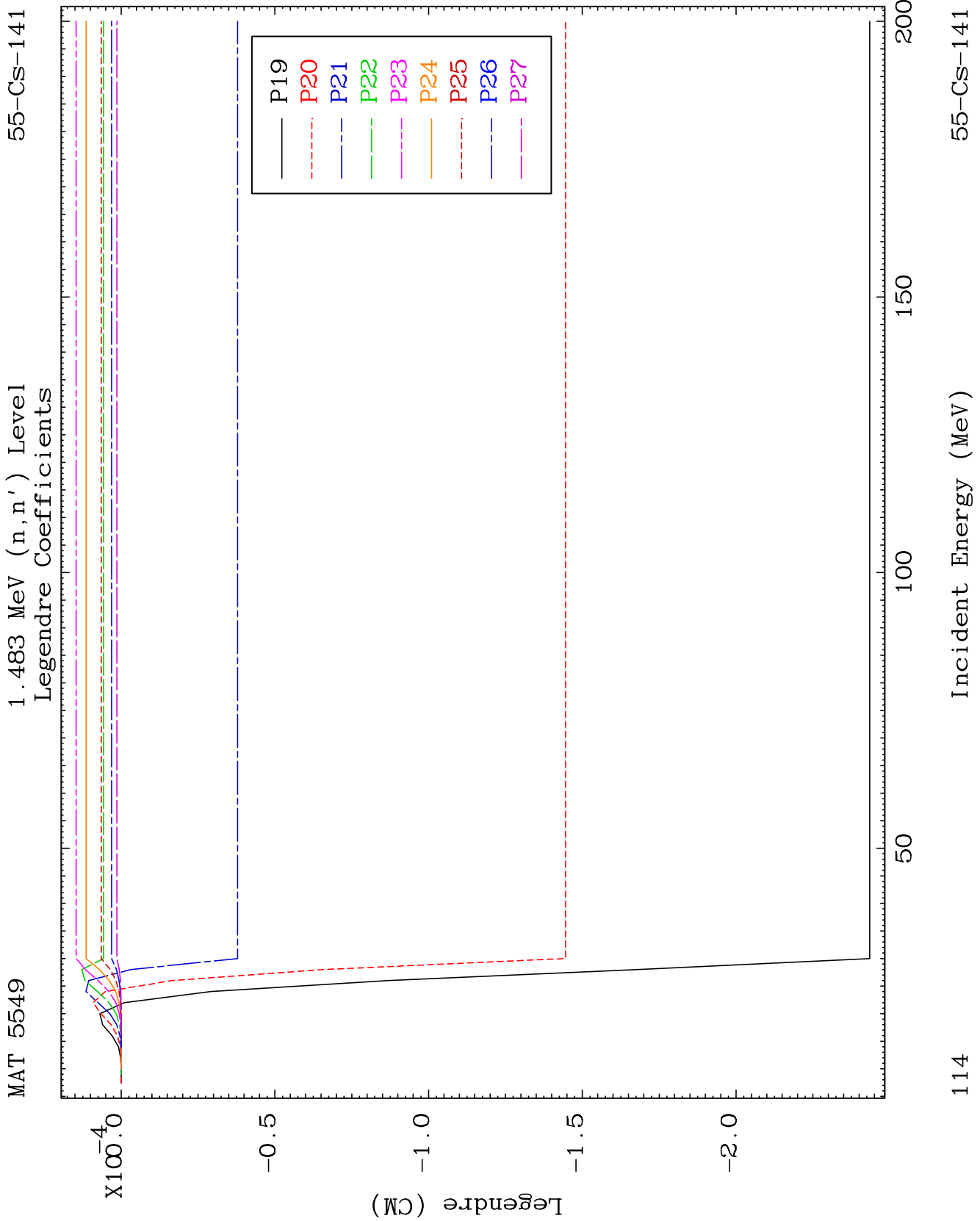


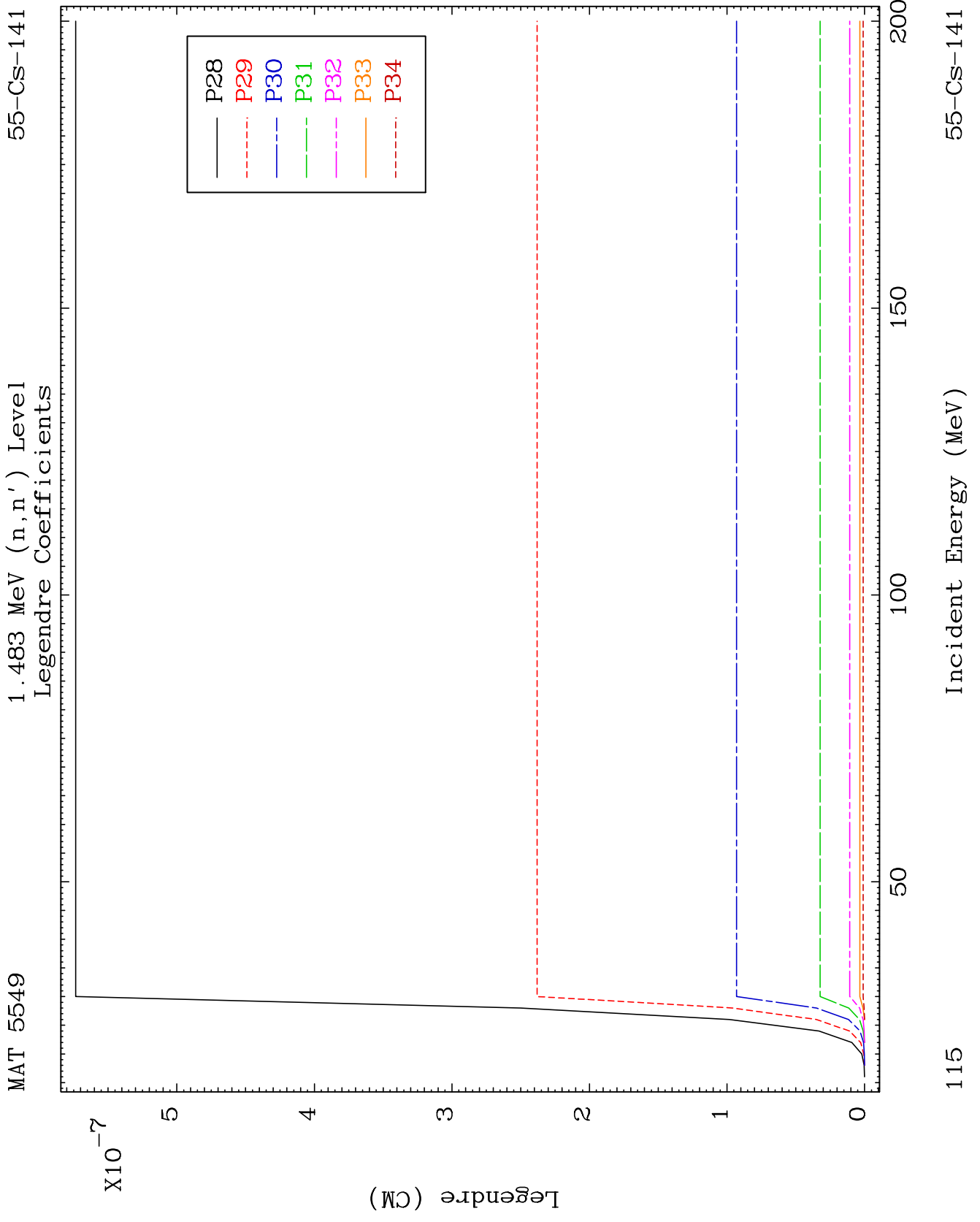


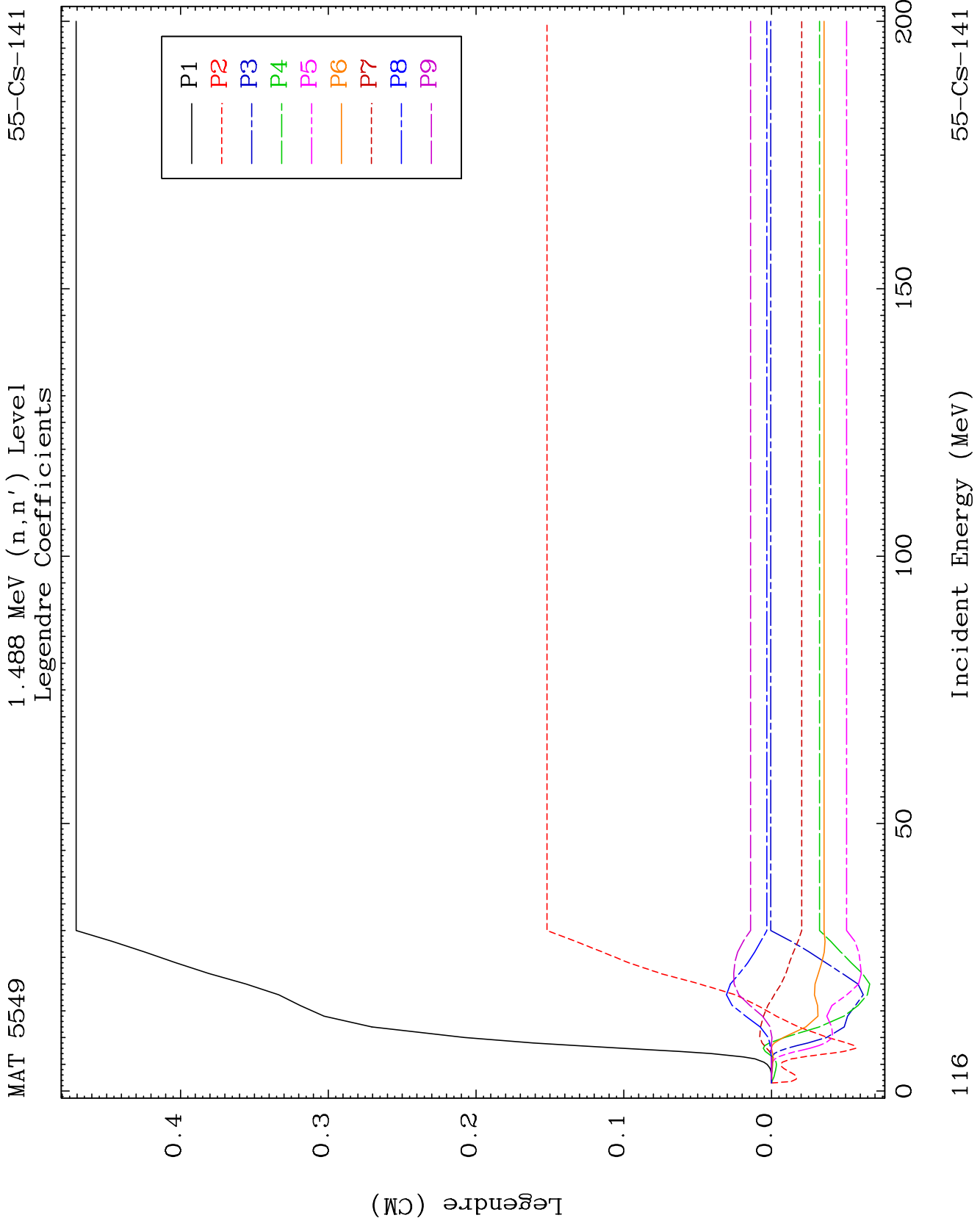








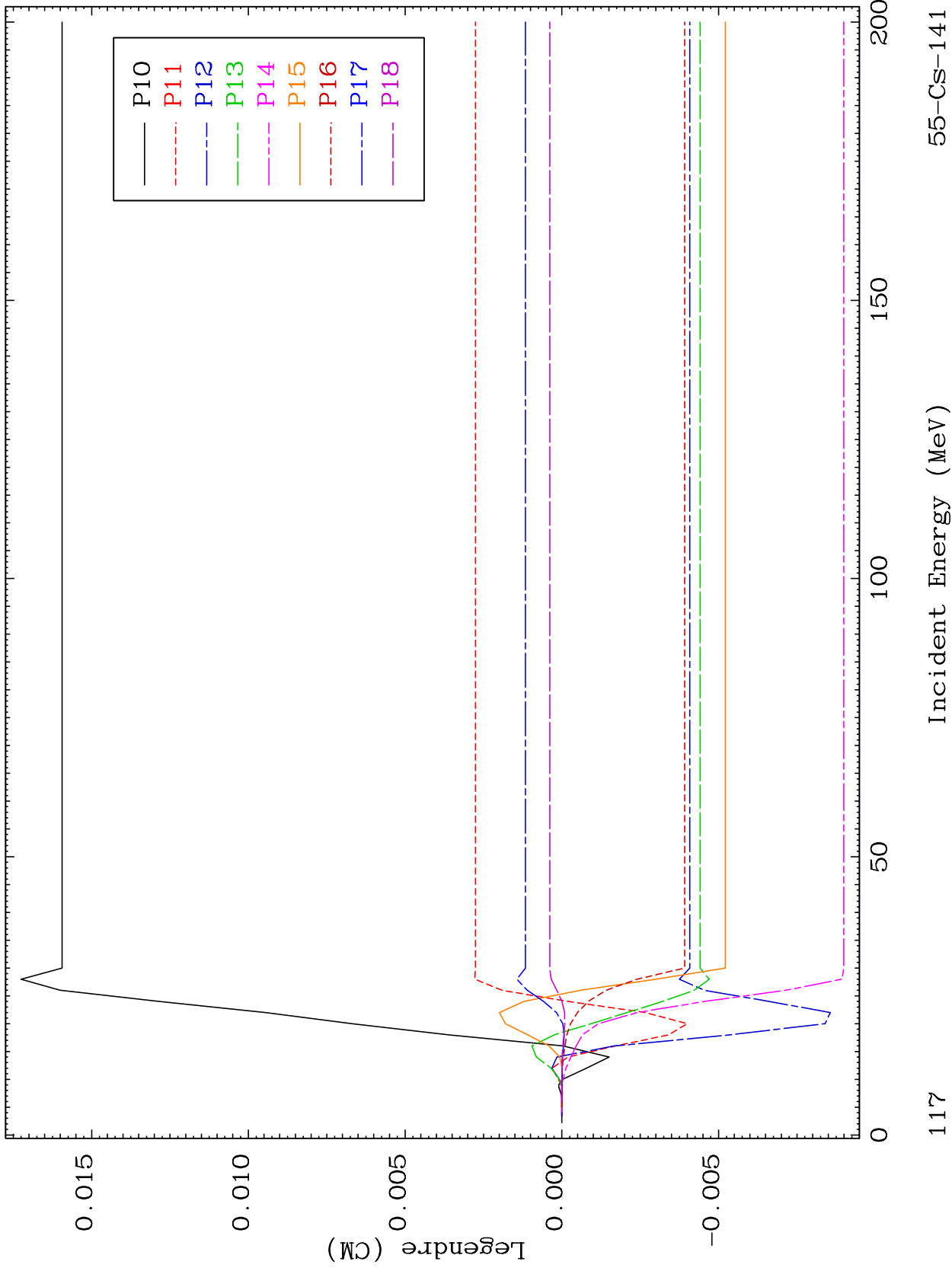




MAT 5549

1.488 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



117

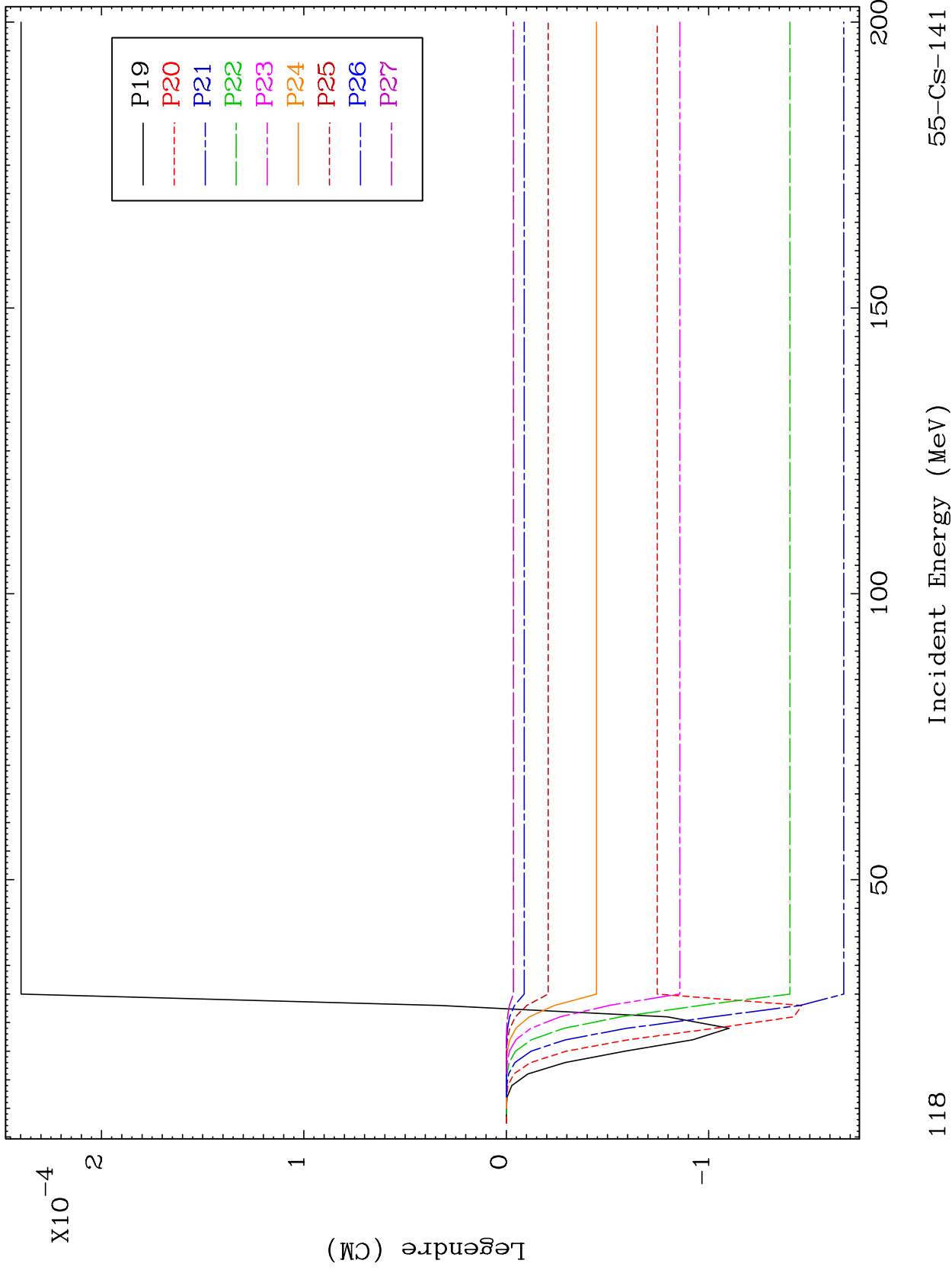
Incident Energy (MeV)

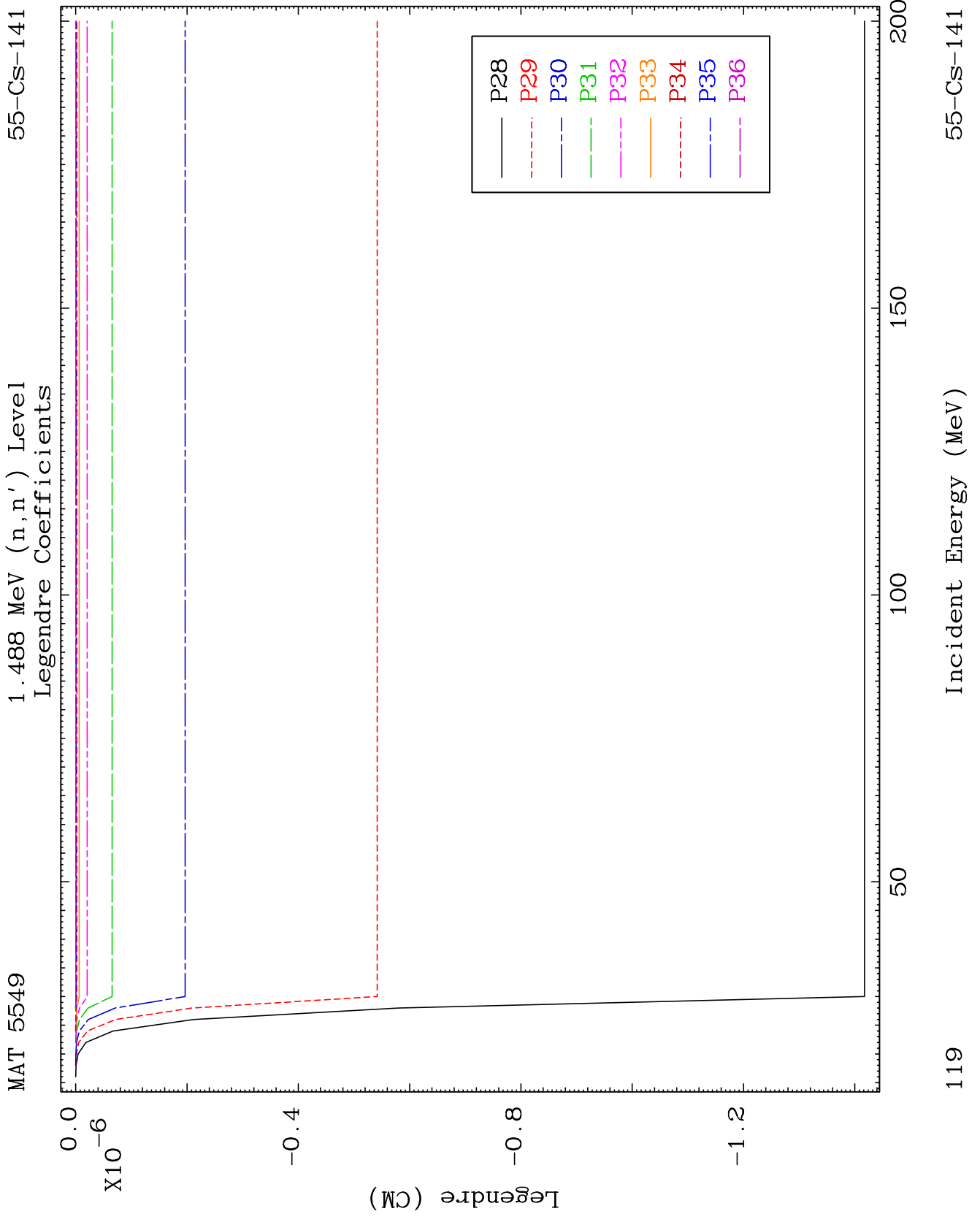
55-Cs-141

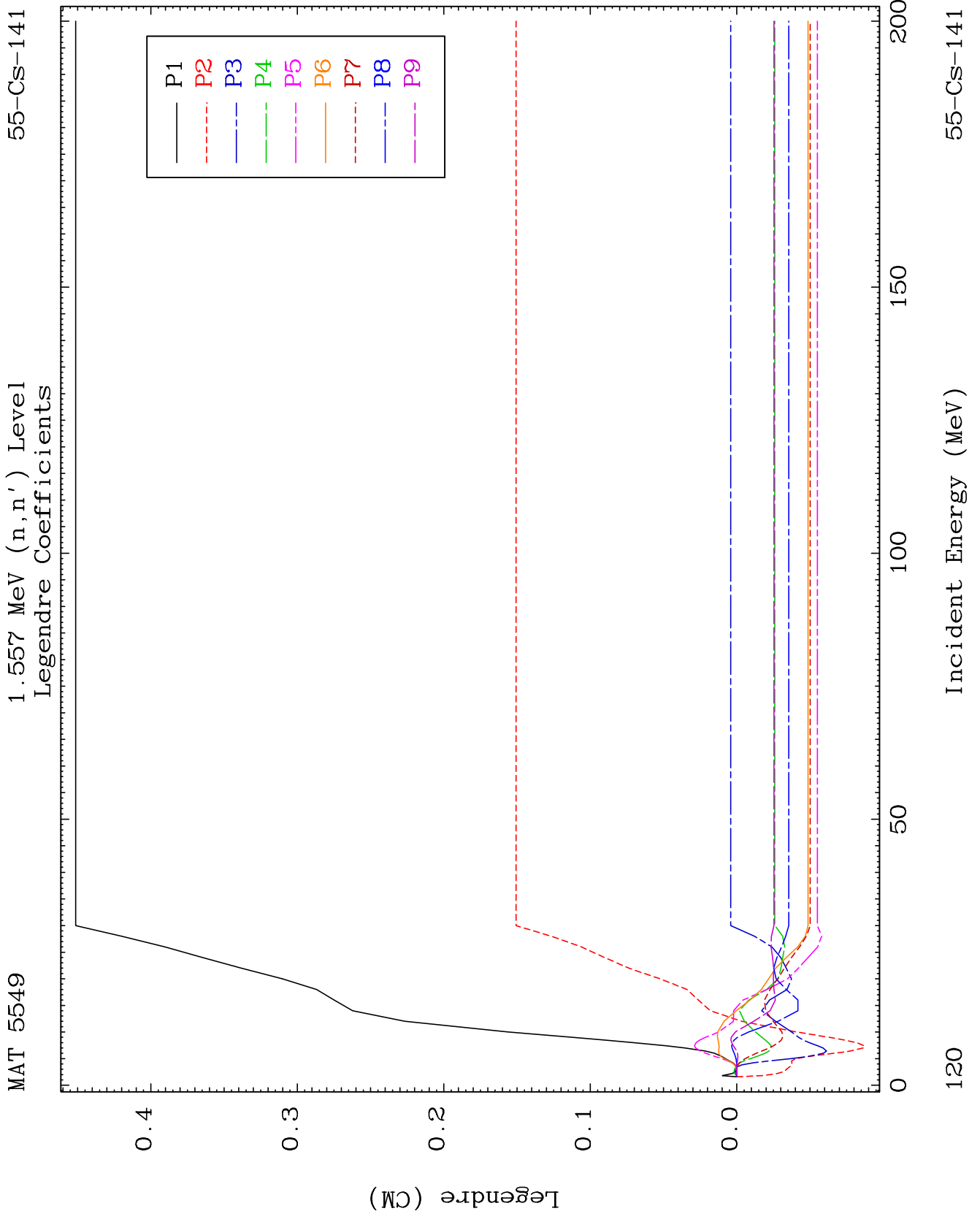
MAT 5549

1.488 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



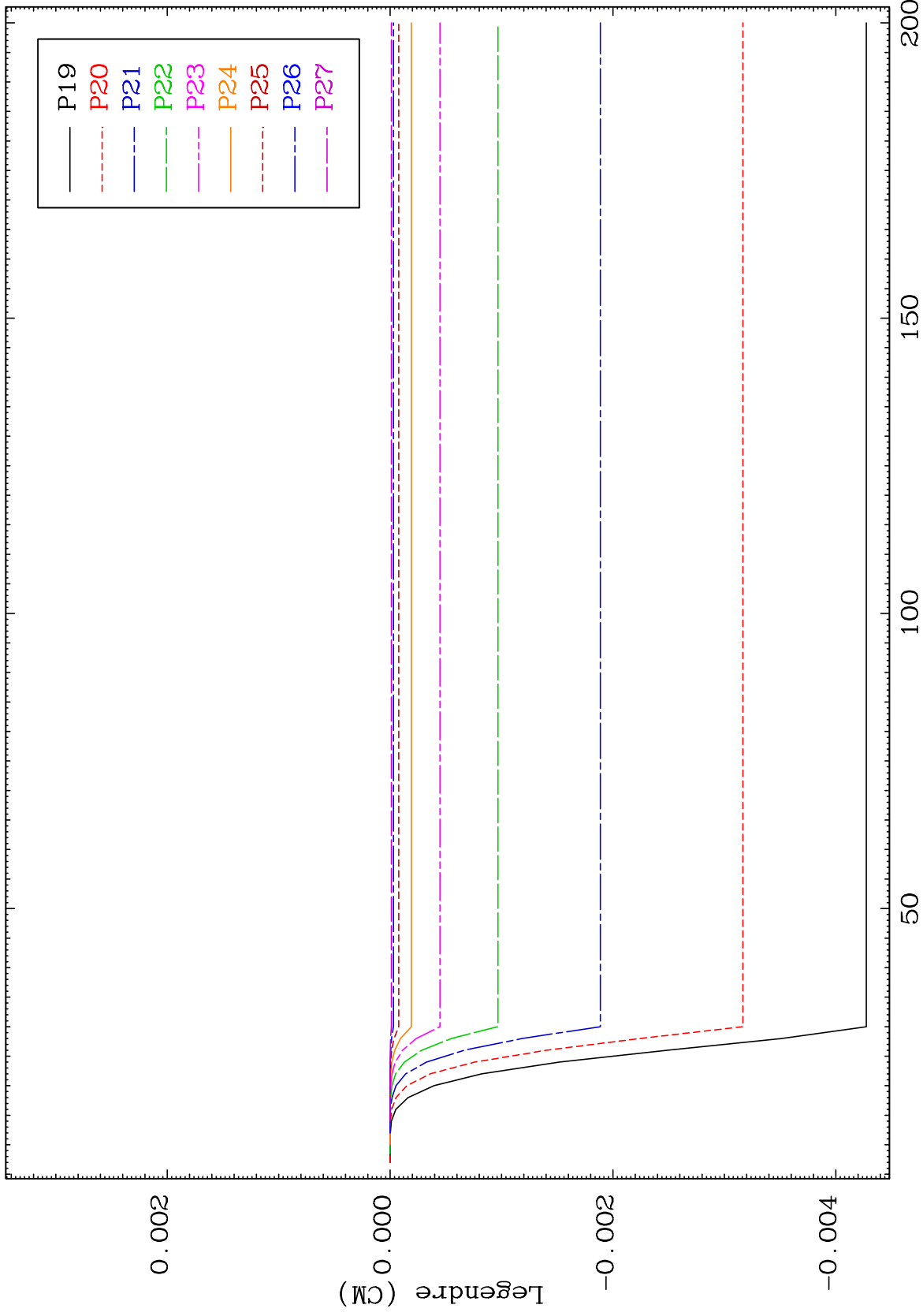




MAT 5549

1.557 MeV (n,n') Level
Legendre Coefficients

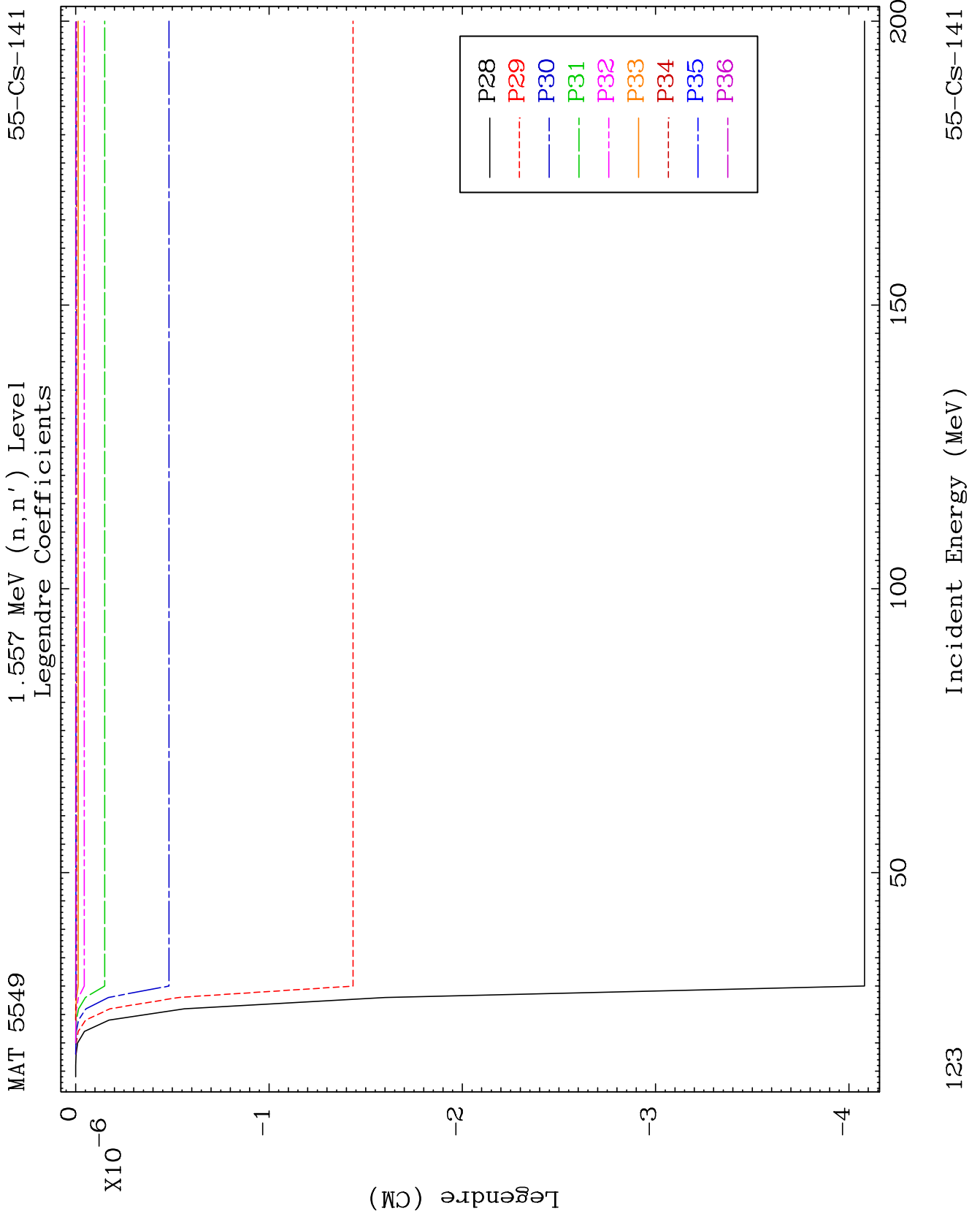
55-Cs-141

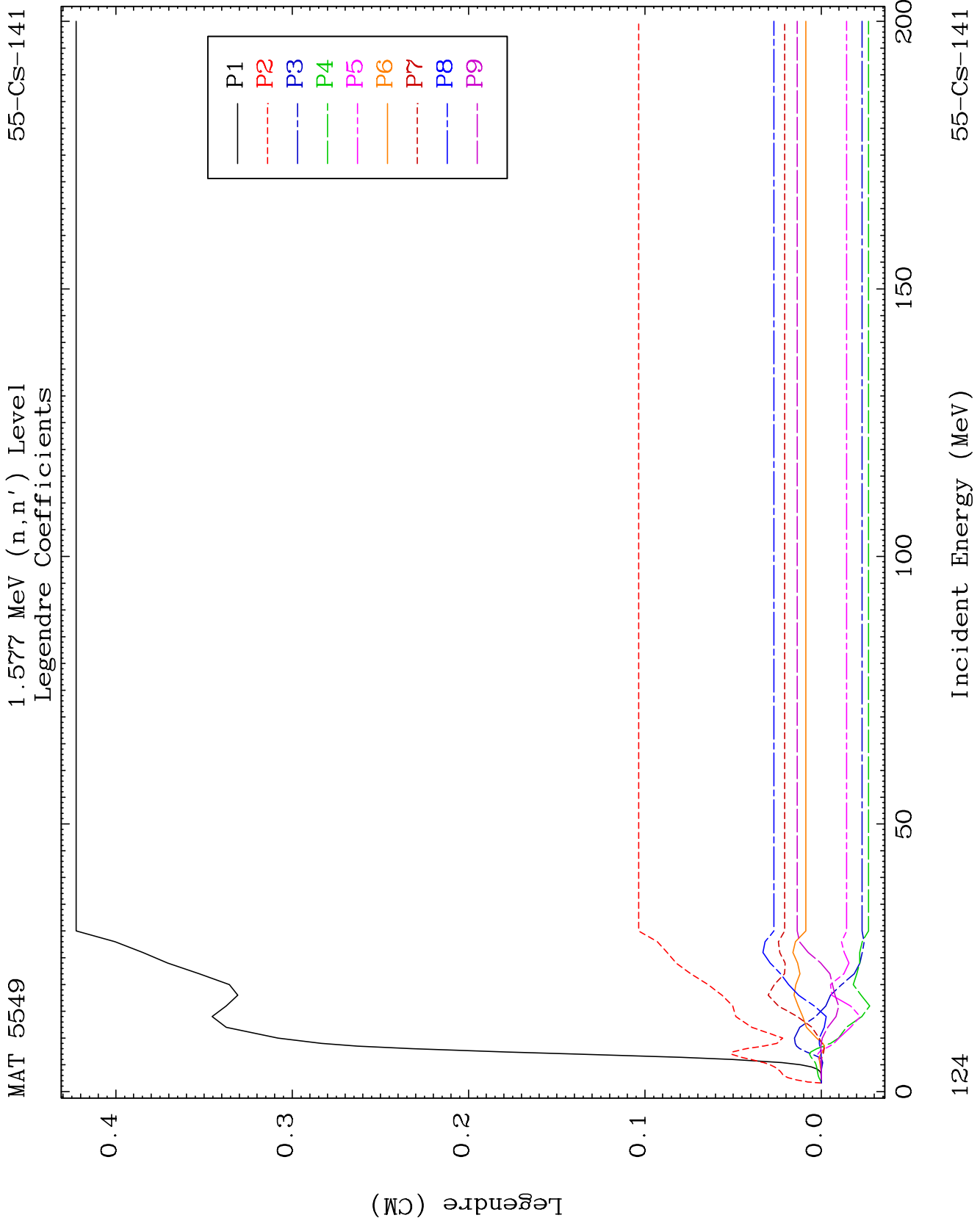


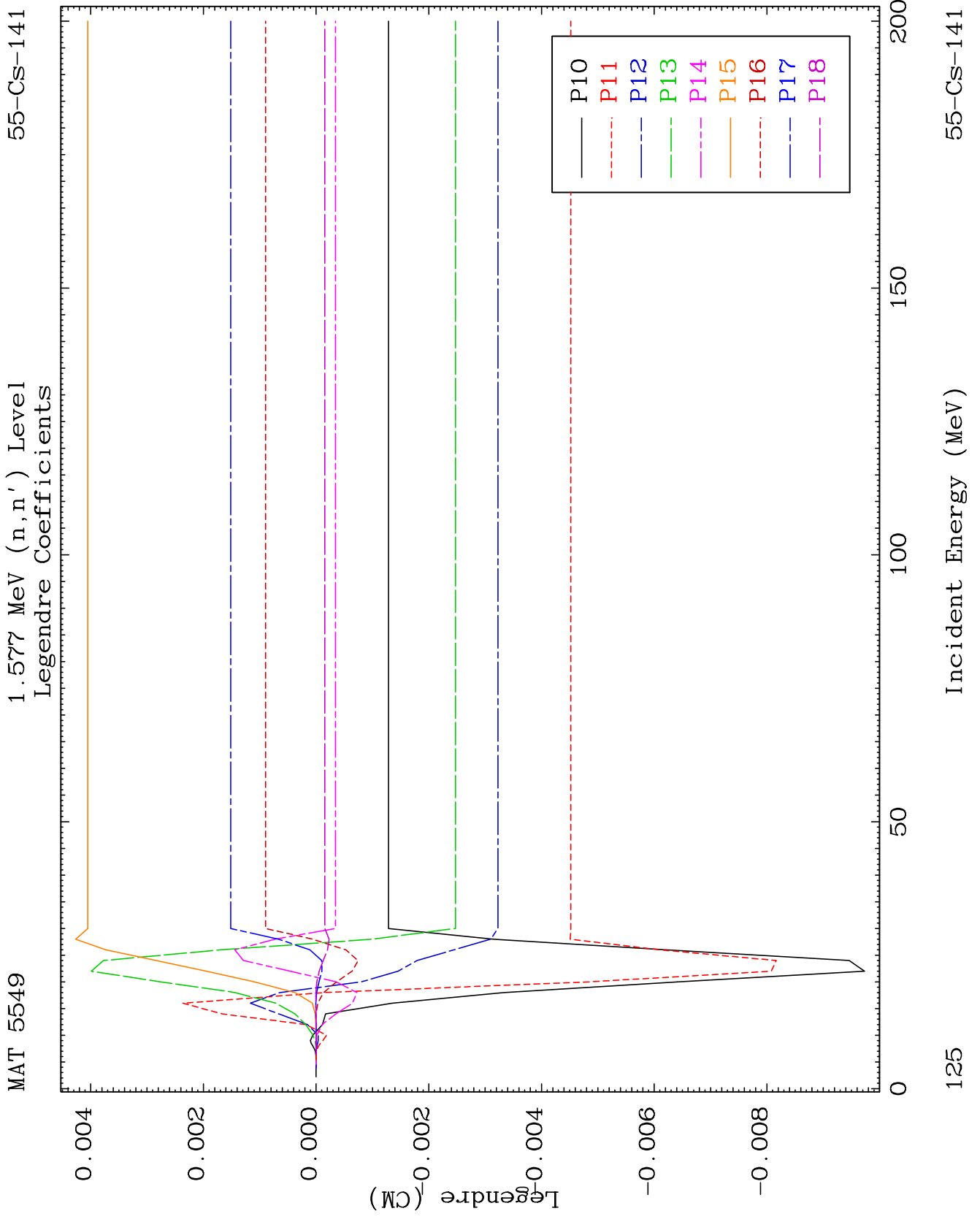
122

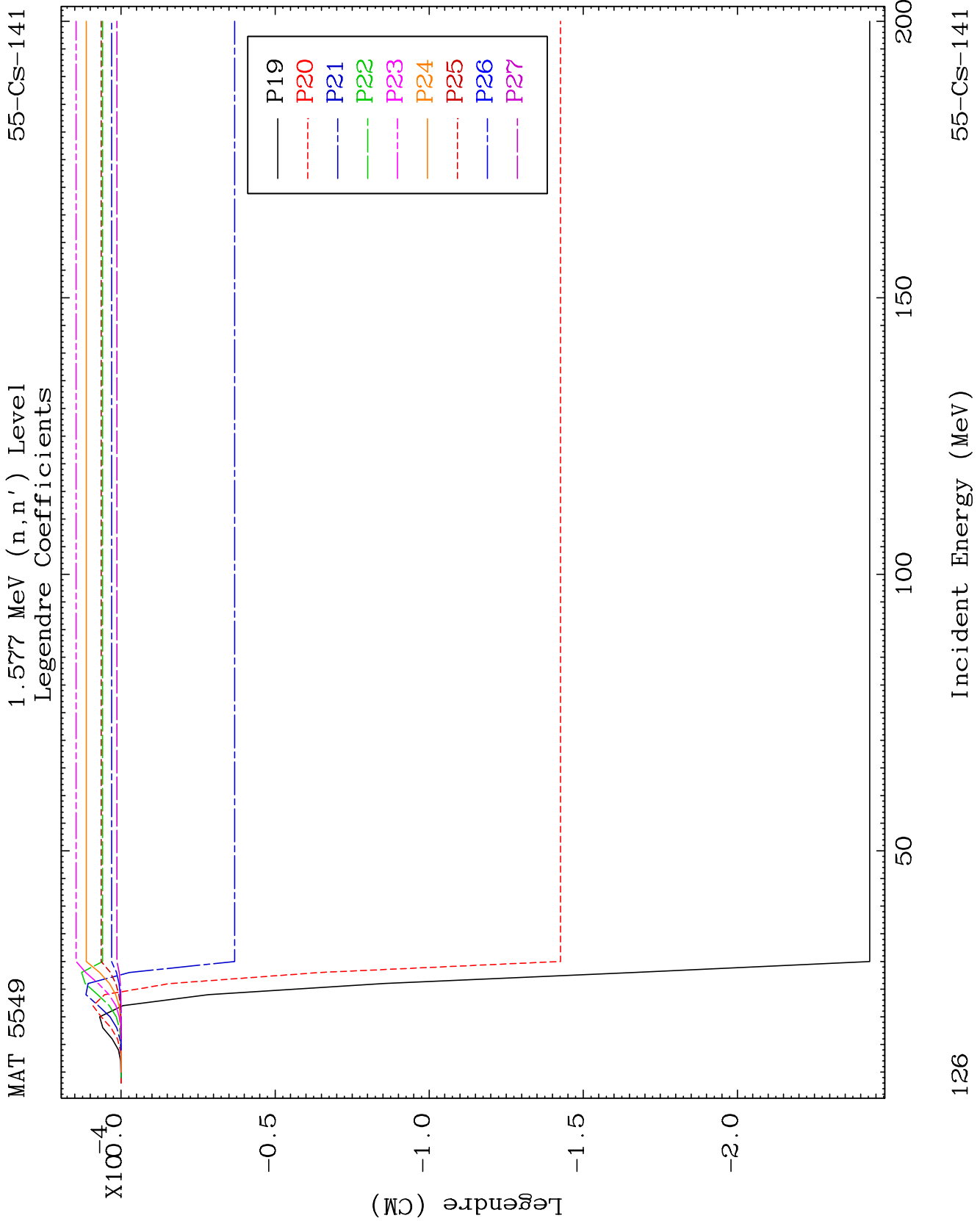
Incident Energy (MeV)

55-Cs-141





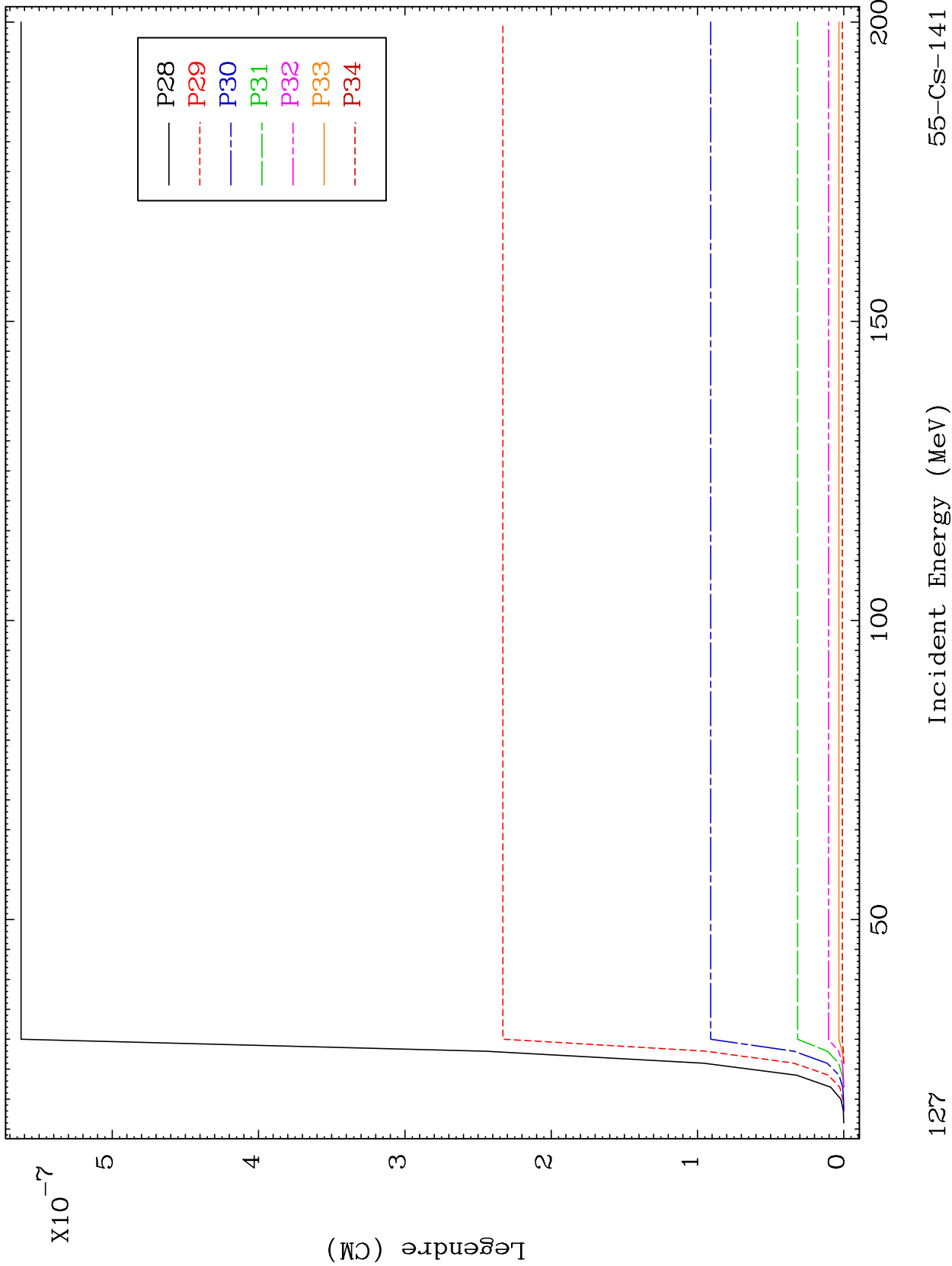




MAT 5549

1.577 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



127

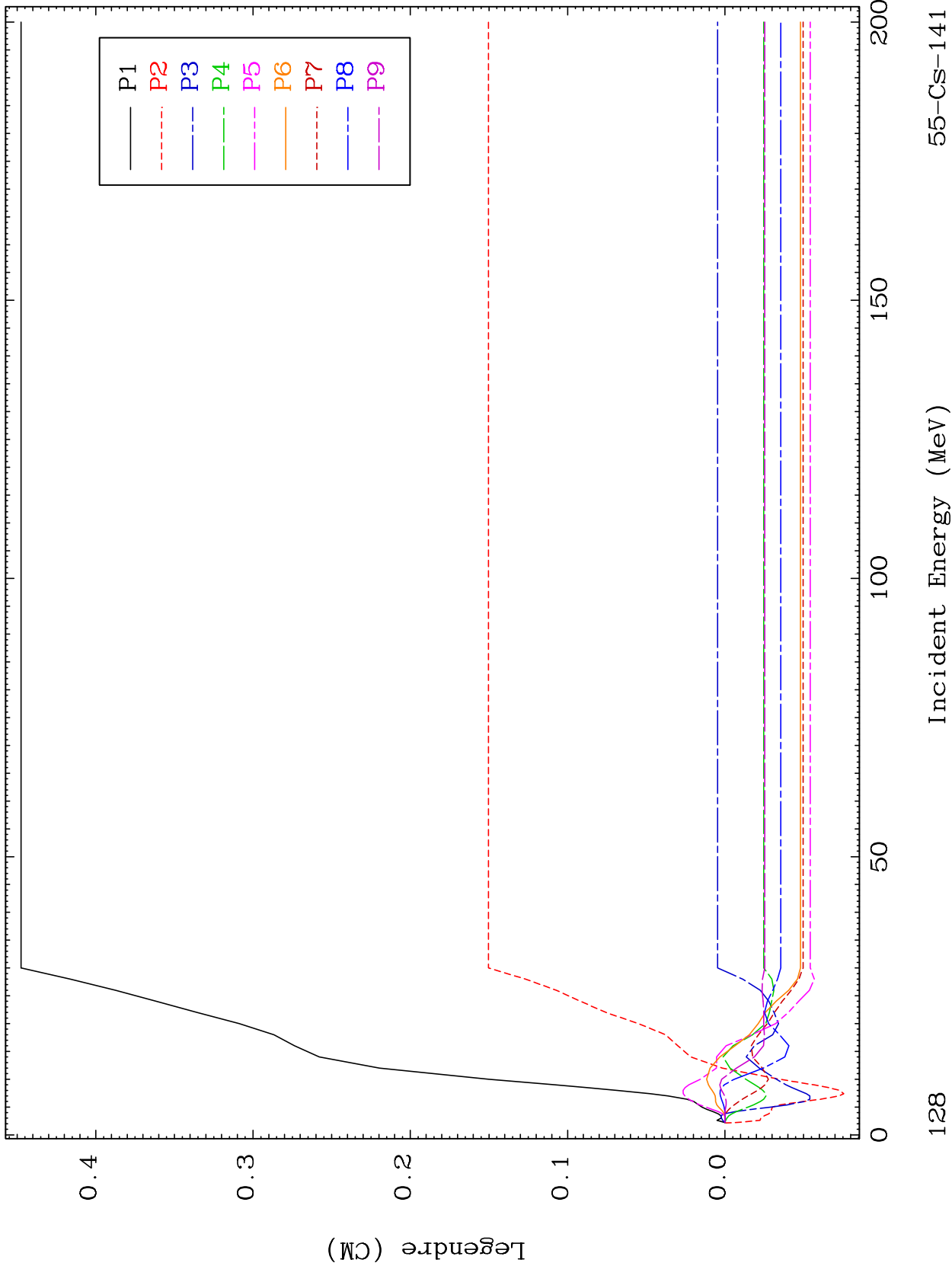
Incident Energy (MeV)

55-Cs-141

MAT 5549

2.113 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



128

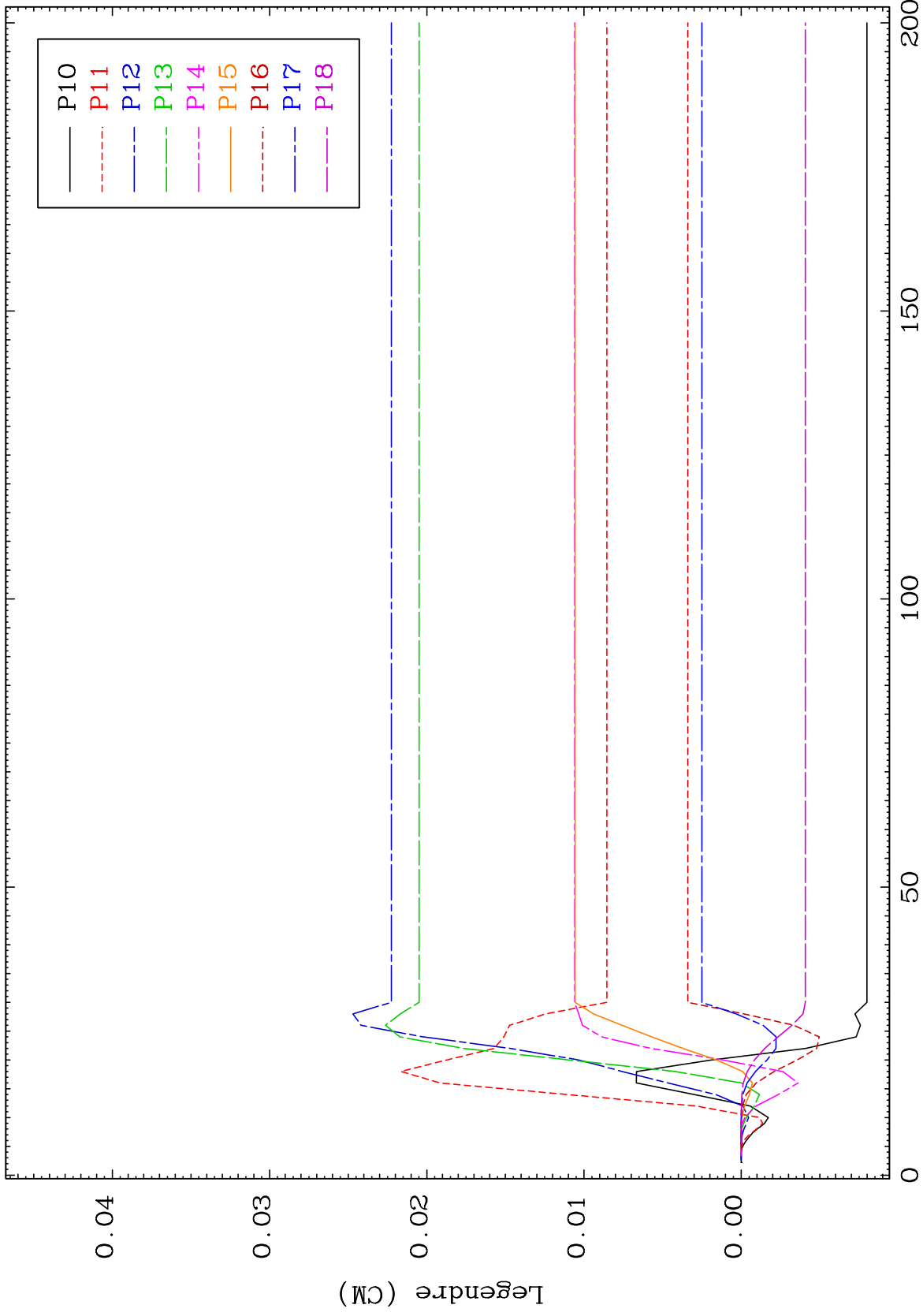
Incident Energy (MeV)

55-Cs-141

MAT 5549

2.113 MeV (n,n') Level
Legendre Coefficients

55-Cs-141



129

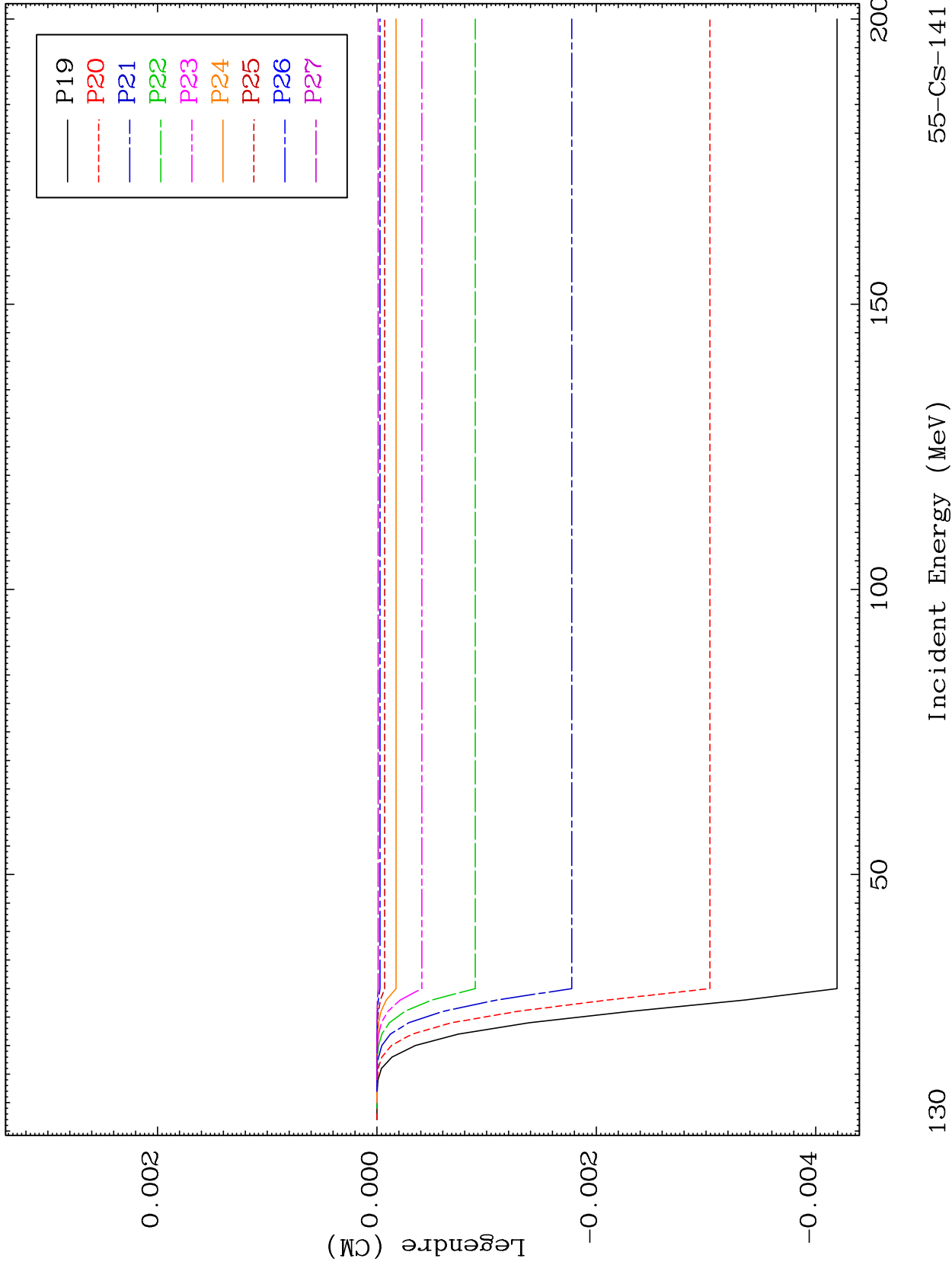
Incident Energy (MeV)

55-Cs-141

MAT 5549

2.113 MeV (n,n') Level
Legendre Coefficients

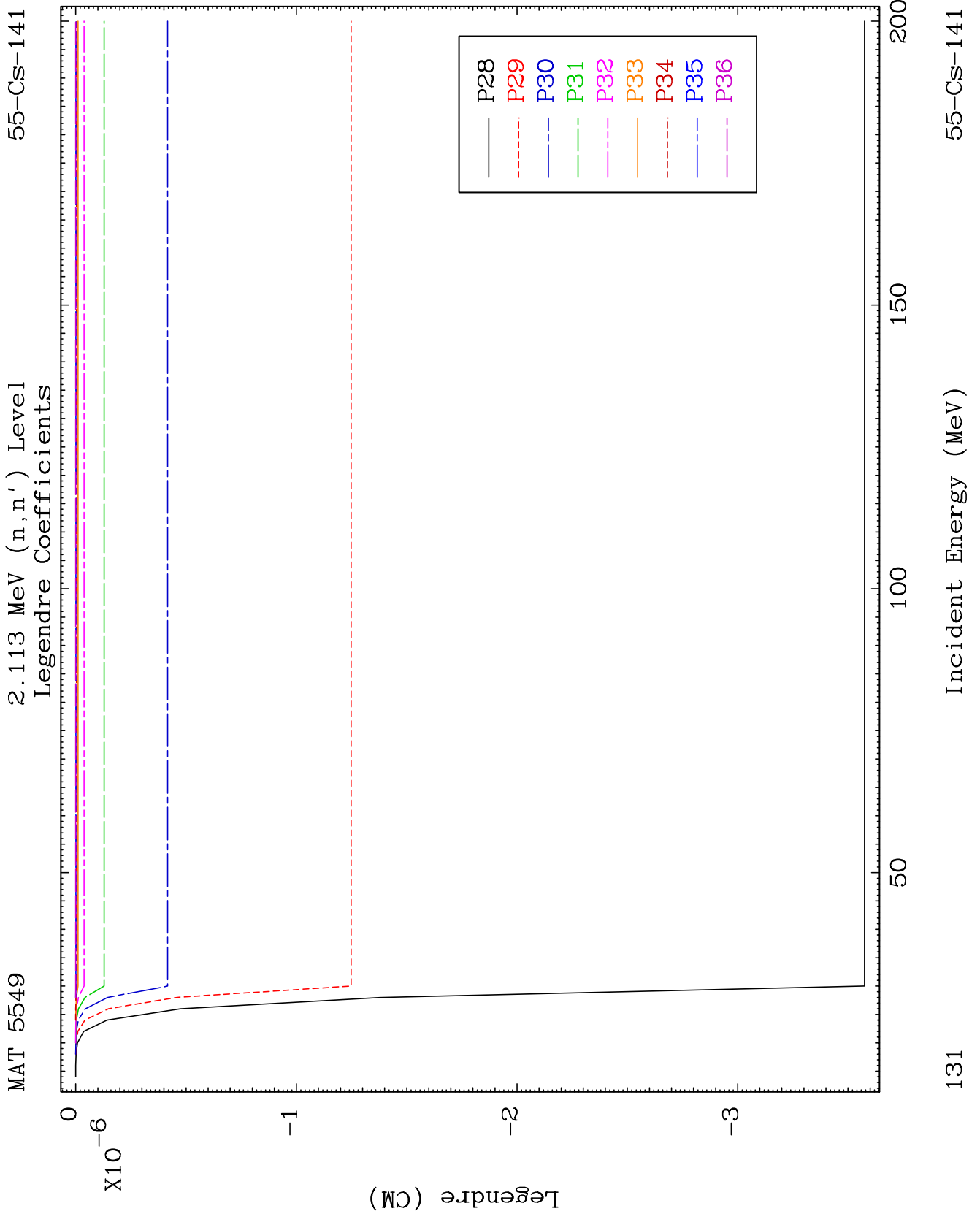
55-Cs-141



130

Incident Energy (MeV)

55-Cs-141

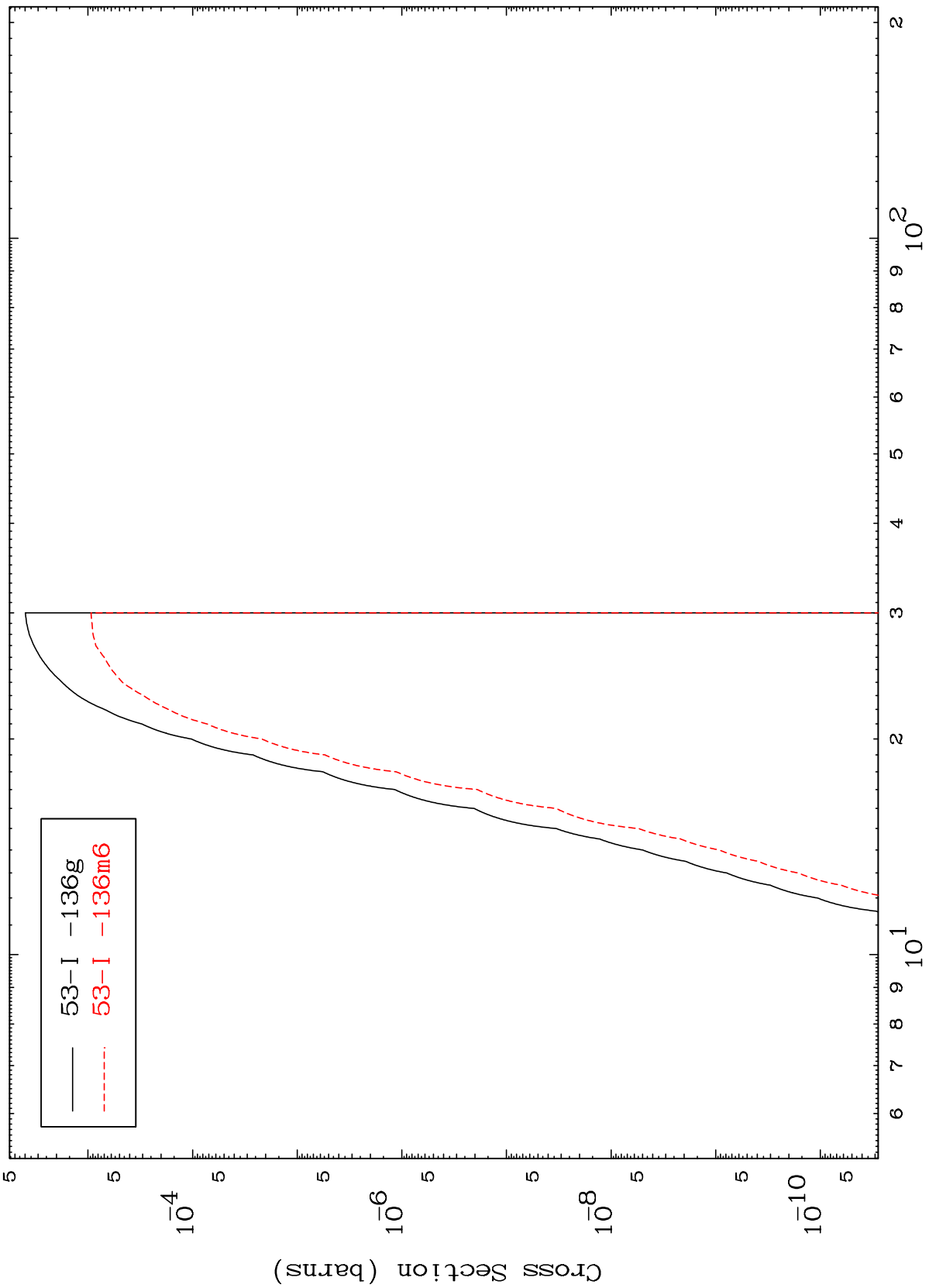


MAT 5549

(n,2n) α

55-Cs-141

Radionuclide Production Cross Section



132

Incident Energy (MeV)

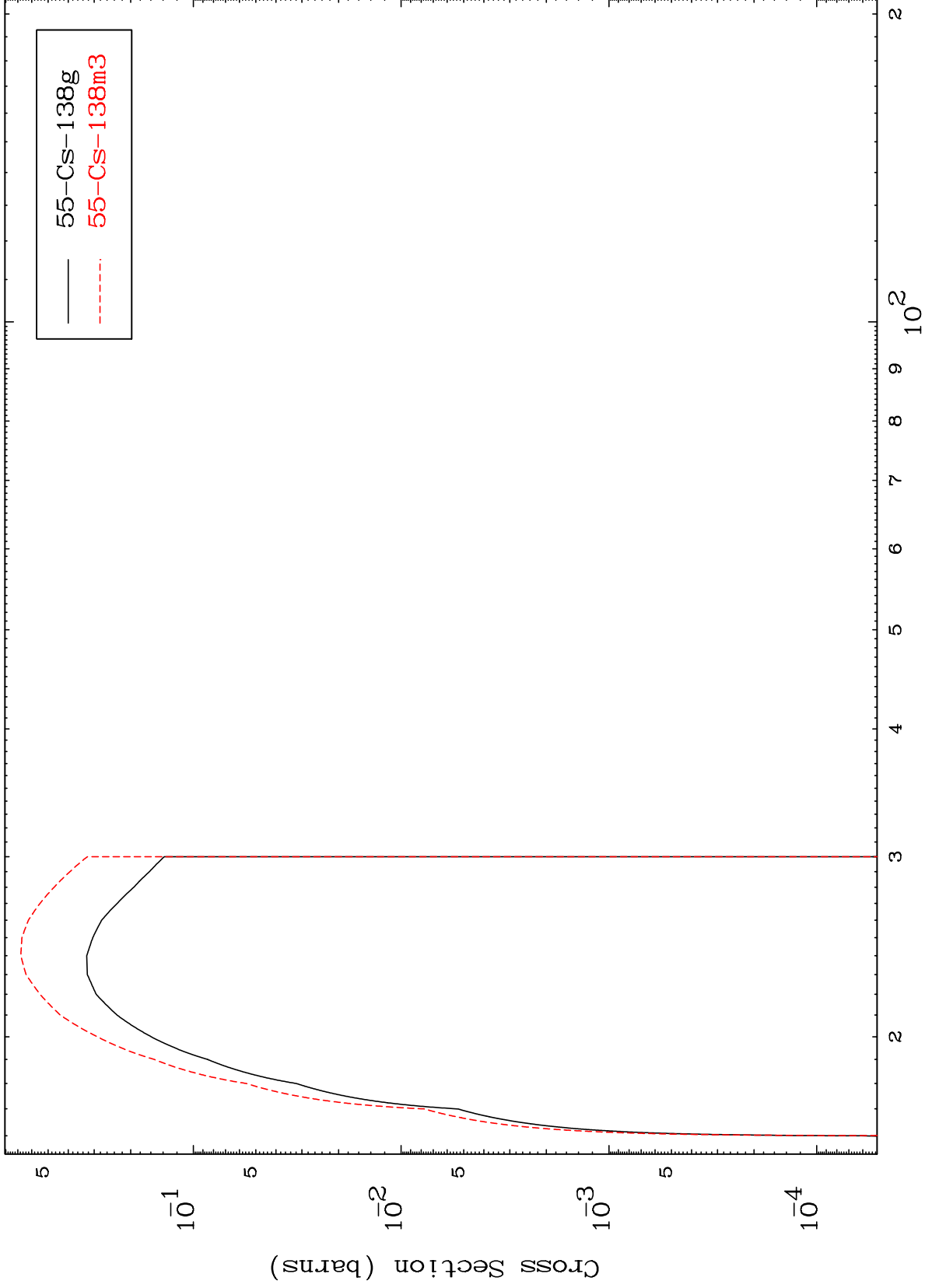
55-Cs-141

MAT 5549

(n,4n)

55-Cs-141

Radionuclide Production Cross Section



133

Incident Energy (MeV)

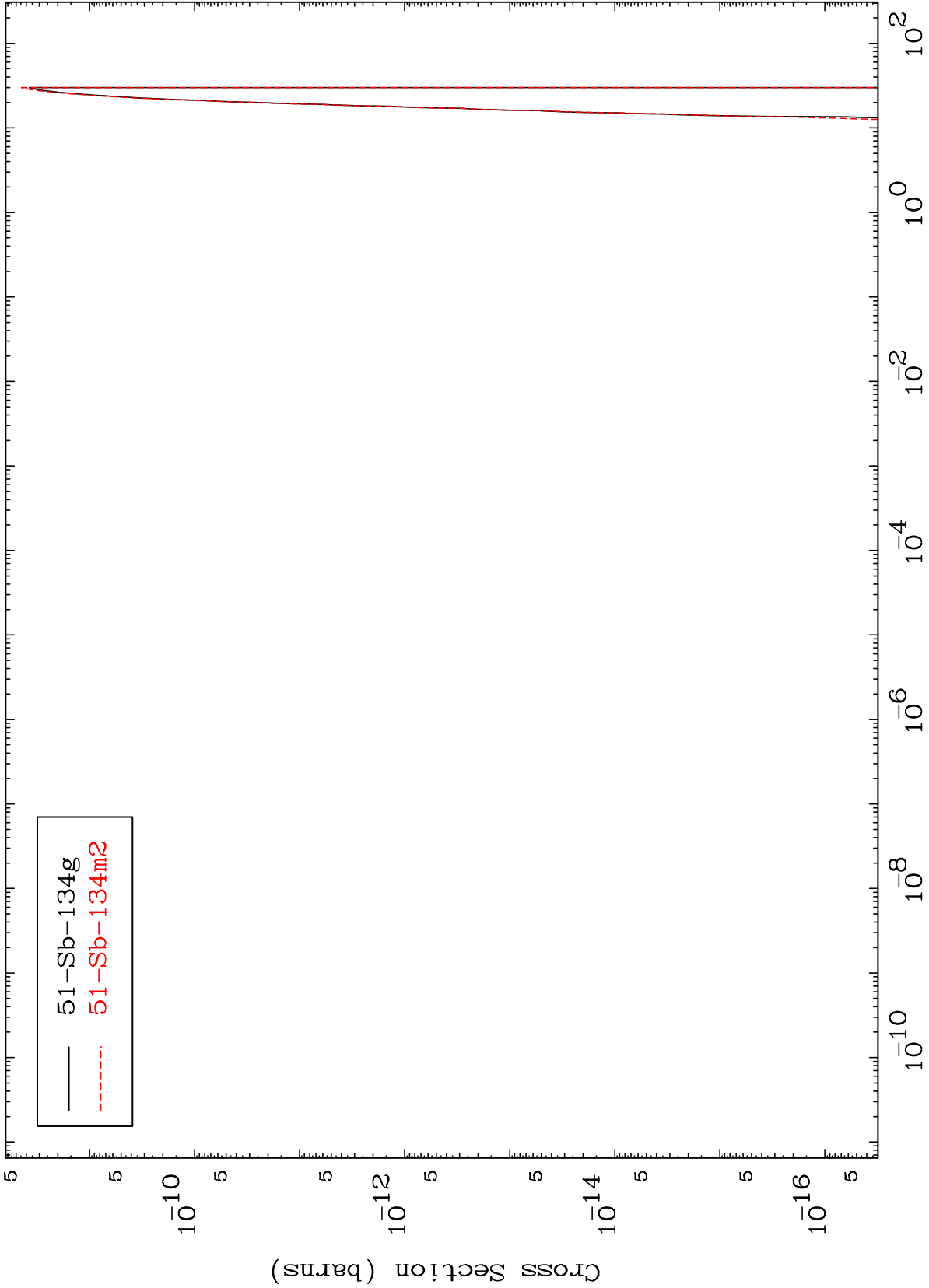
55-Cs-141

MAT 5549

(n,2α)

55-Cs-141

Radionuclide Production Cross Section



134

Incident Energy (MeV)

55-Cs-141