

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

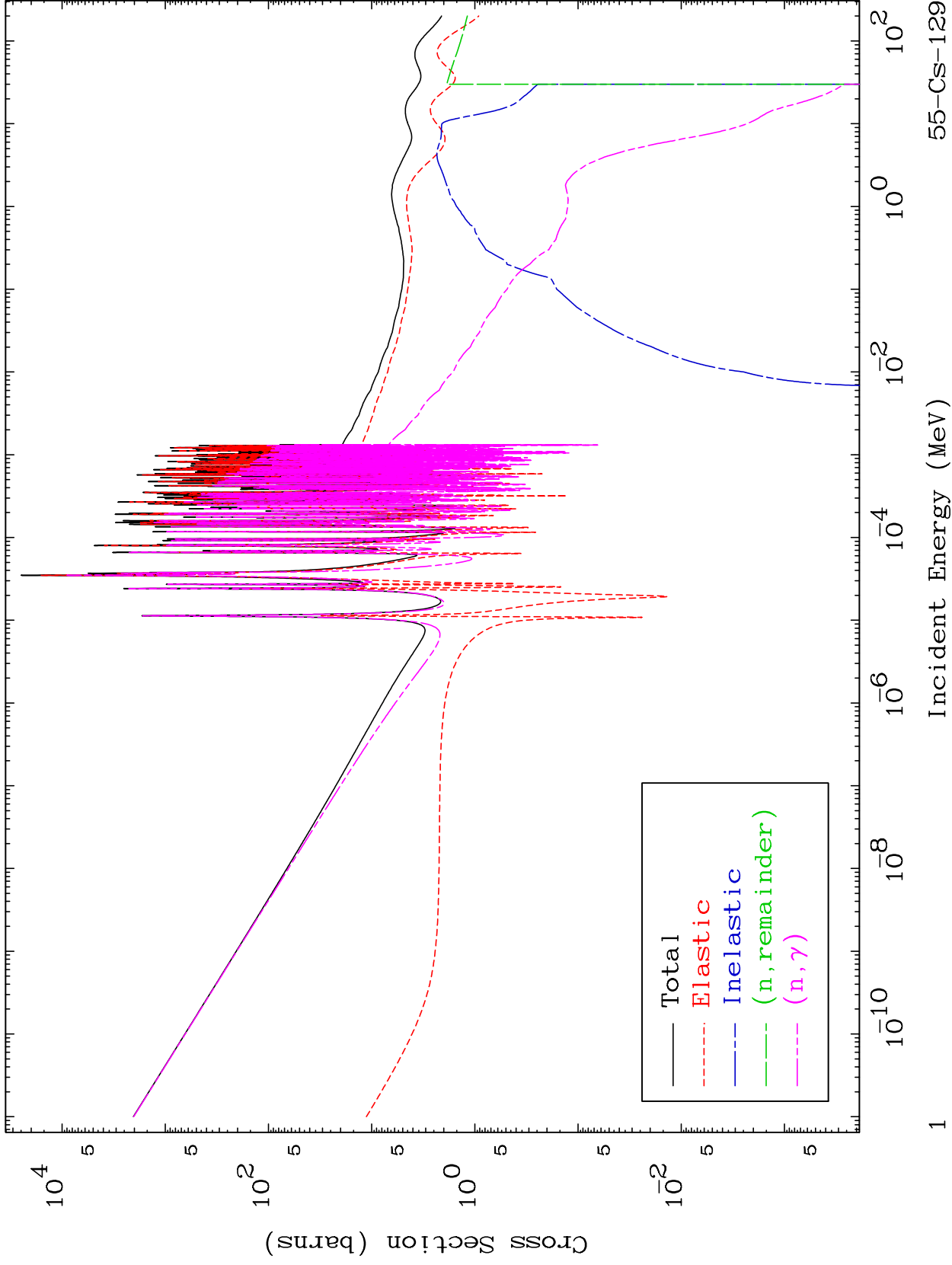
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5513

Major
293 Kelvin Cross Sections

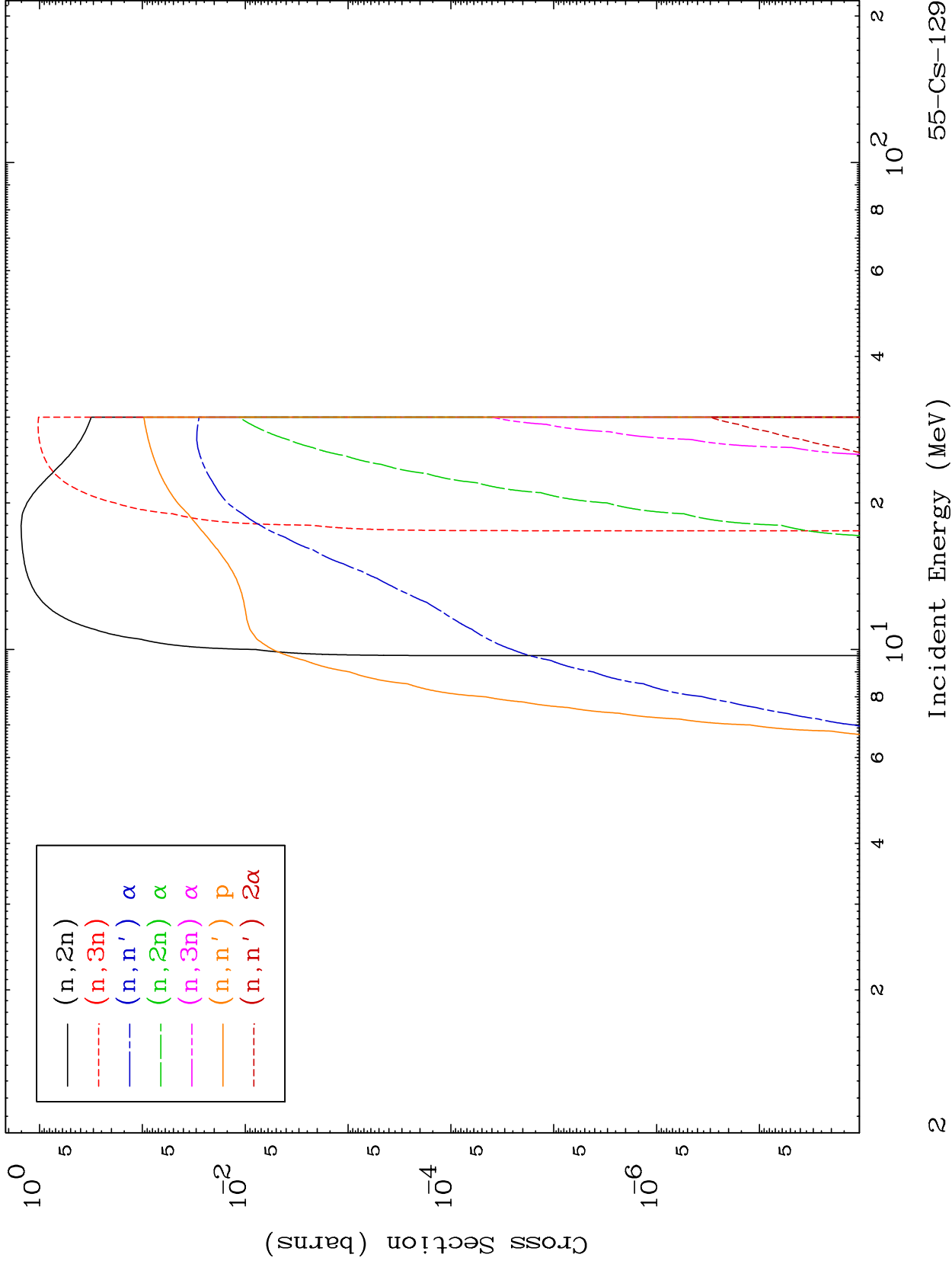
55-Cs-129

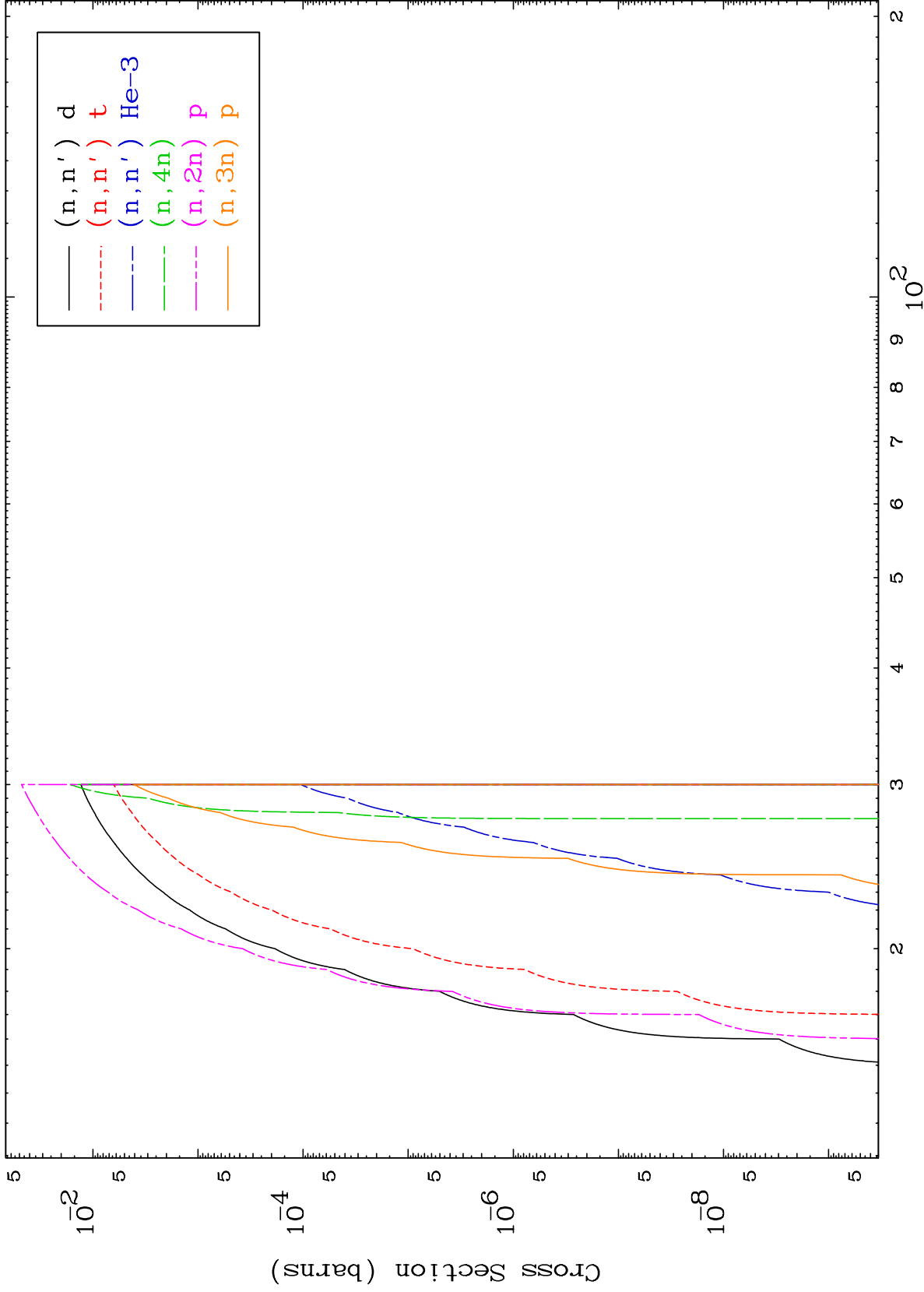


MAT 5513

Neutron Production
293 Kelvin Cross Sections

55-Cs-129

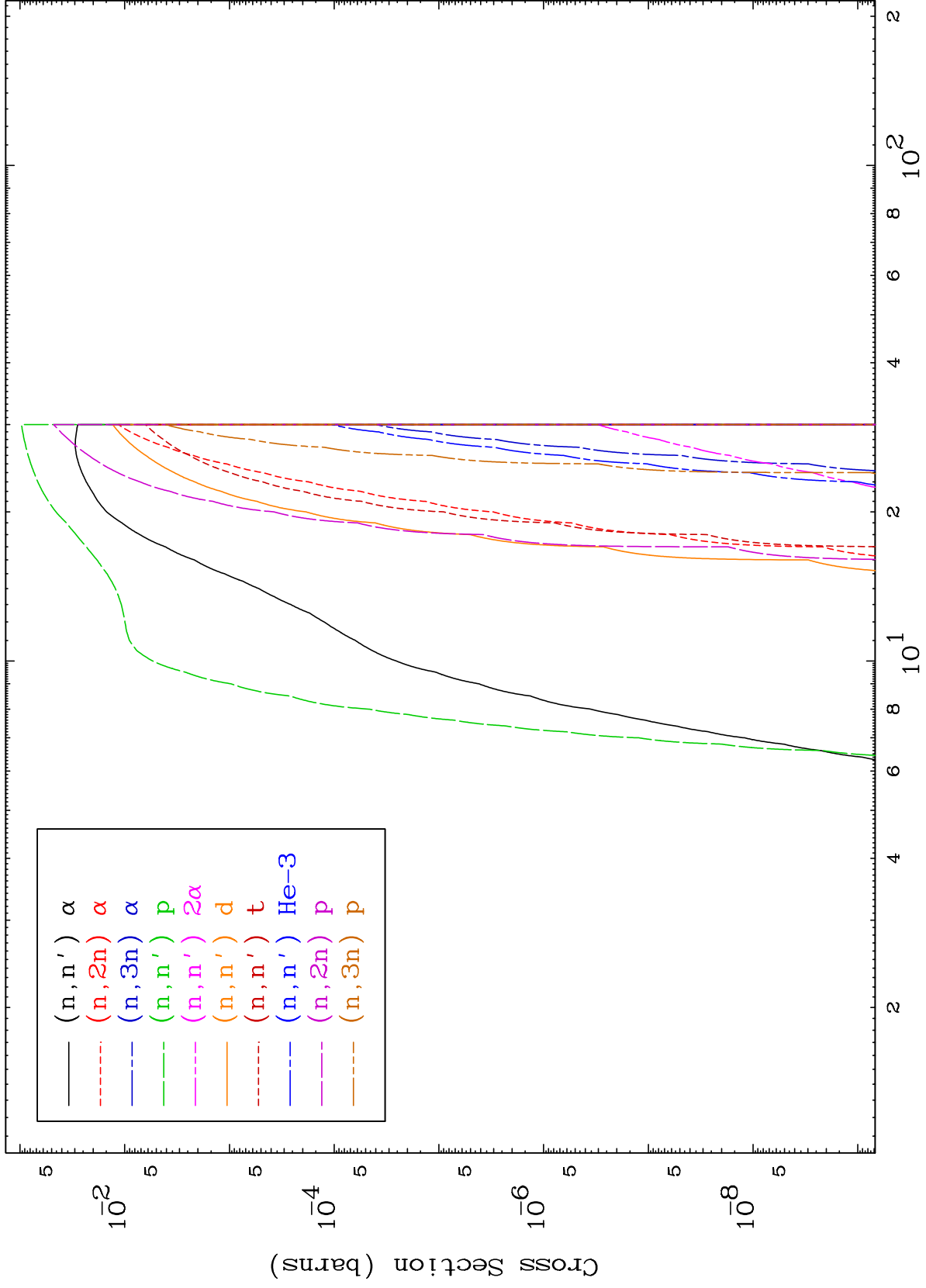




MAT 5513

Charged Particle
293 Kelvin Cross Sections

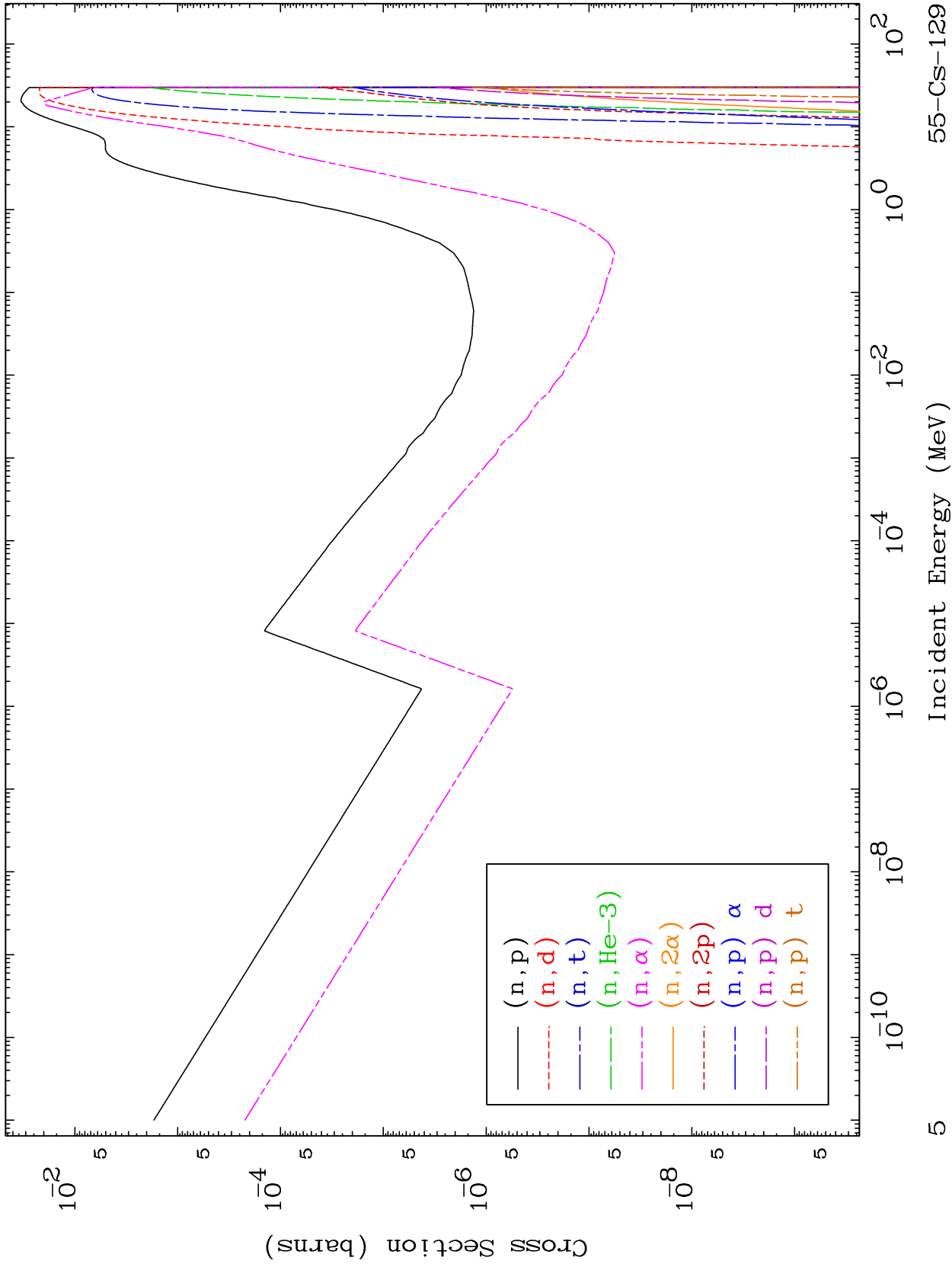
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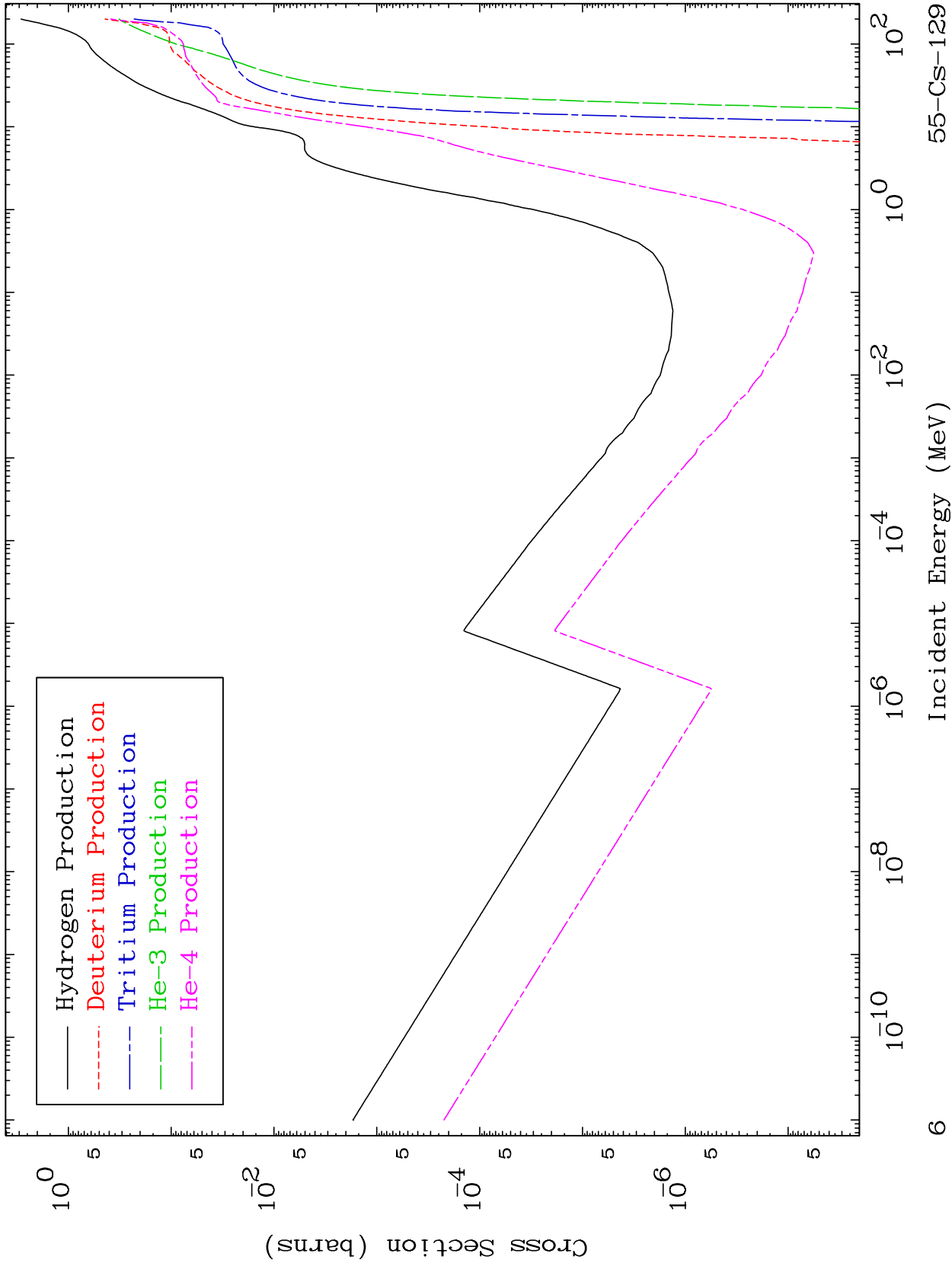


MAT 5513

Charged Particle
293 Kelvin Cross Sections

55-Cs-129

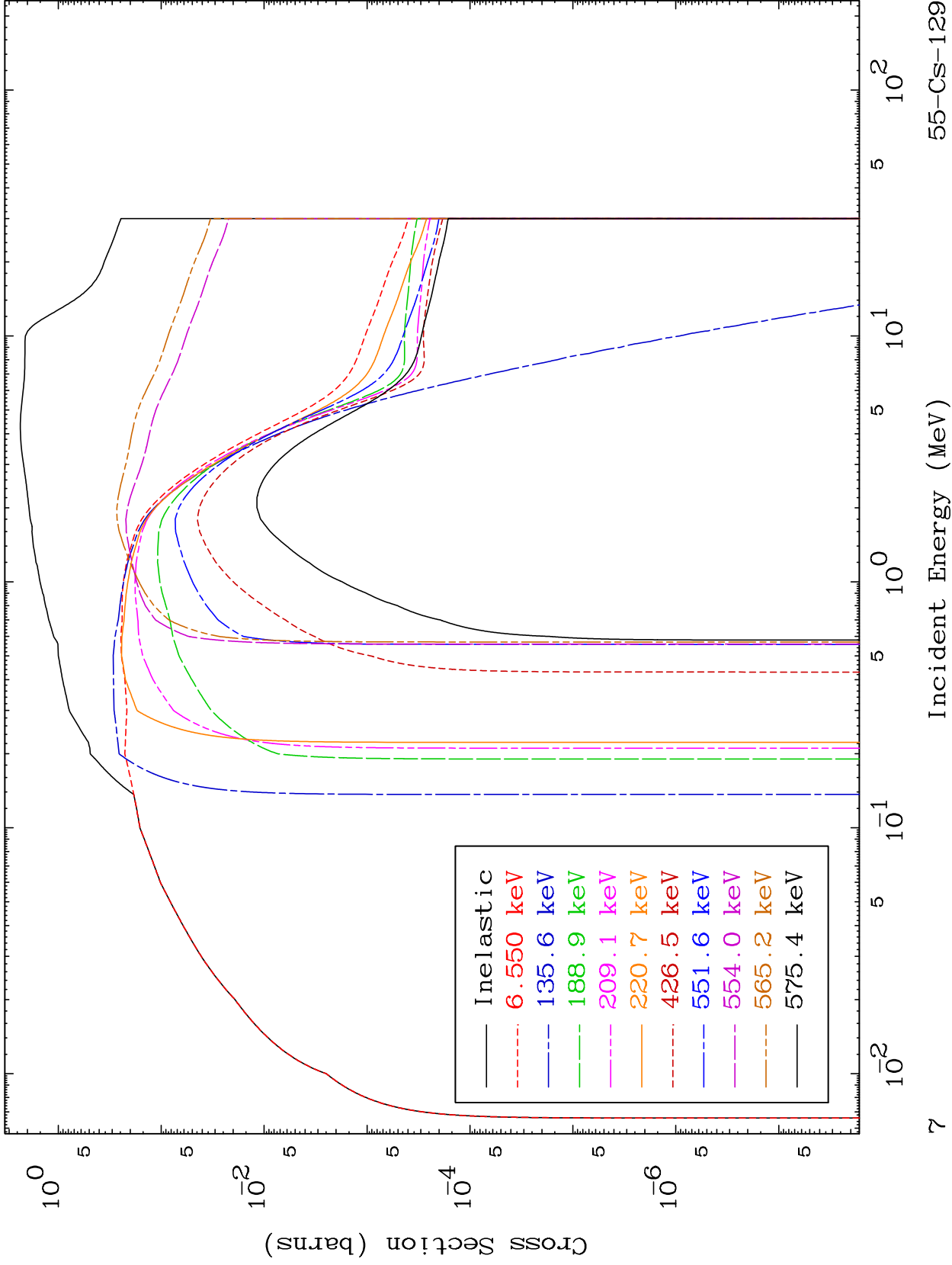




MAT 5513

(n,n') Level
293 Kelvin Cross Sections

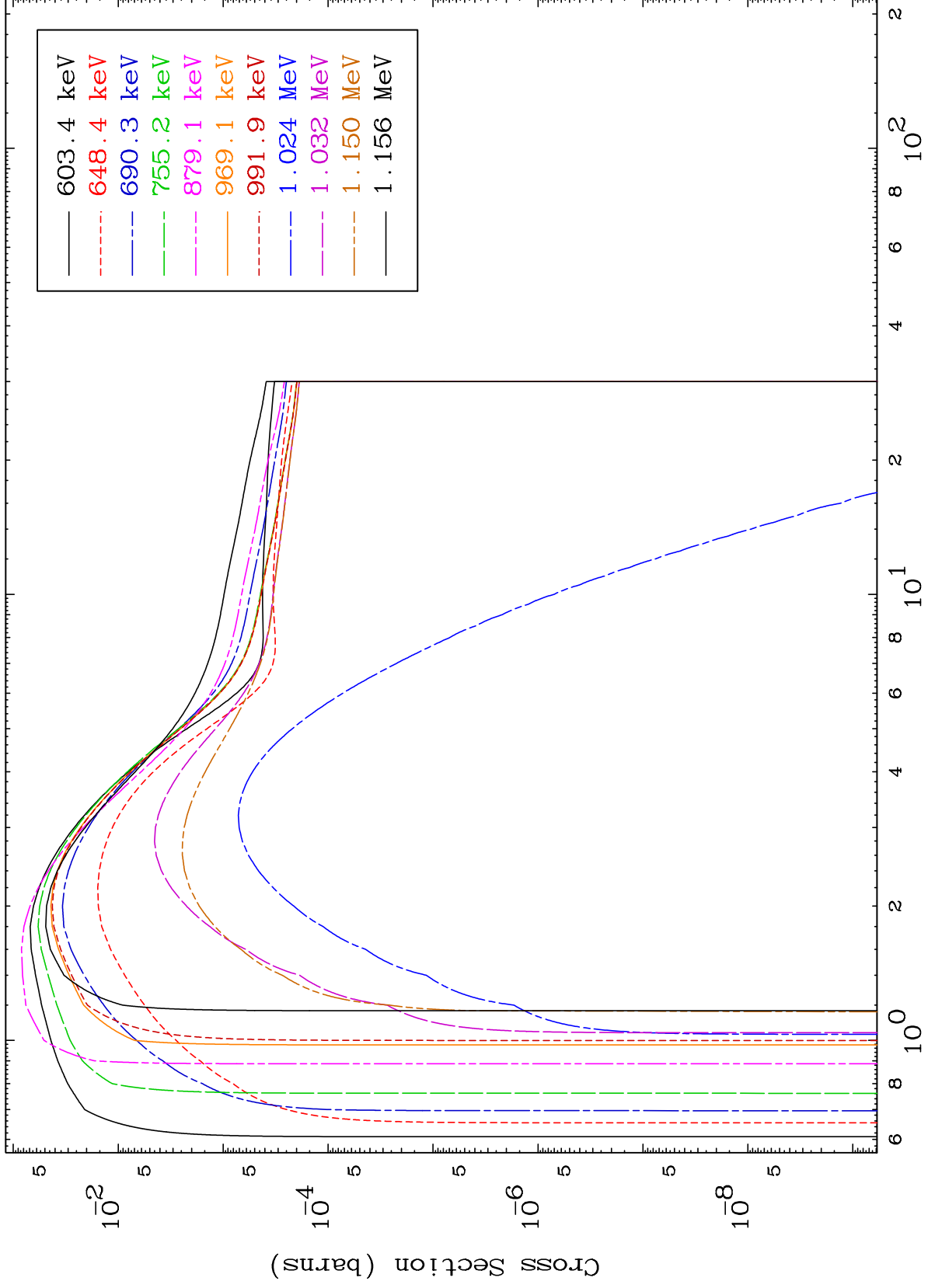
55-Cs-129



MAT 5513

(n,n') Level
293 Kelvin Cross Sections

55-Cs-129



8

Incident Energy (MeV)

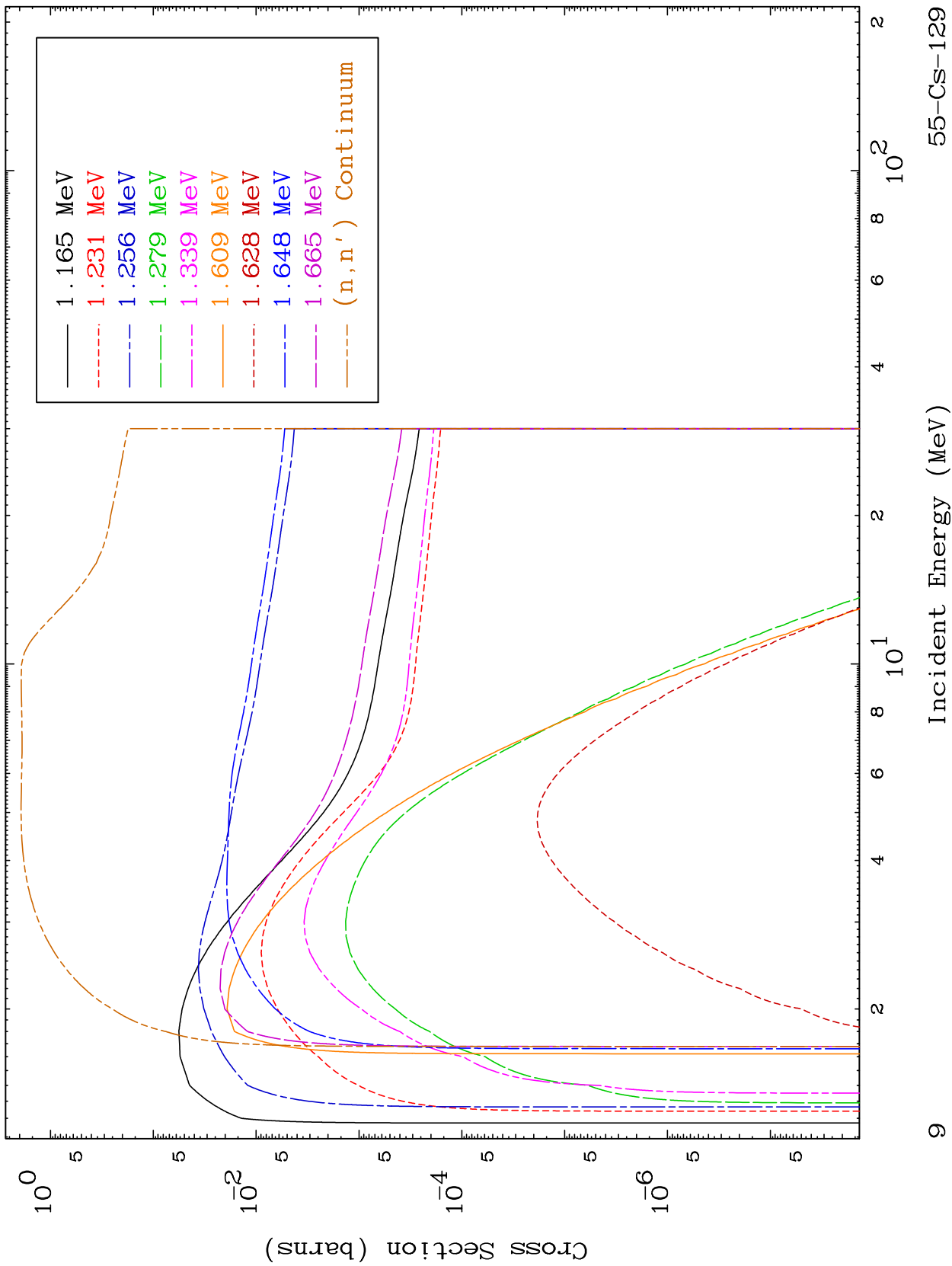
55-Cs-129

MAT 5513

(n,n') Level

55-Cs-129

293 Kelvin Cross Sections



9

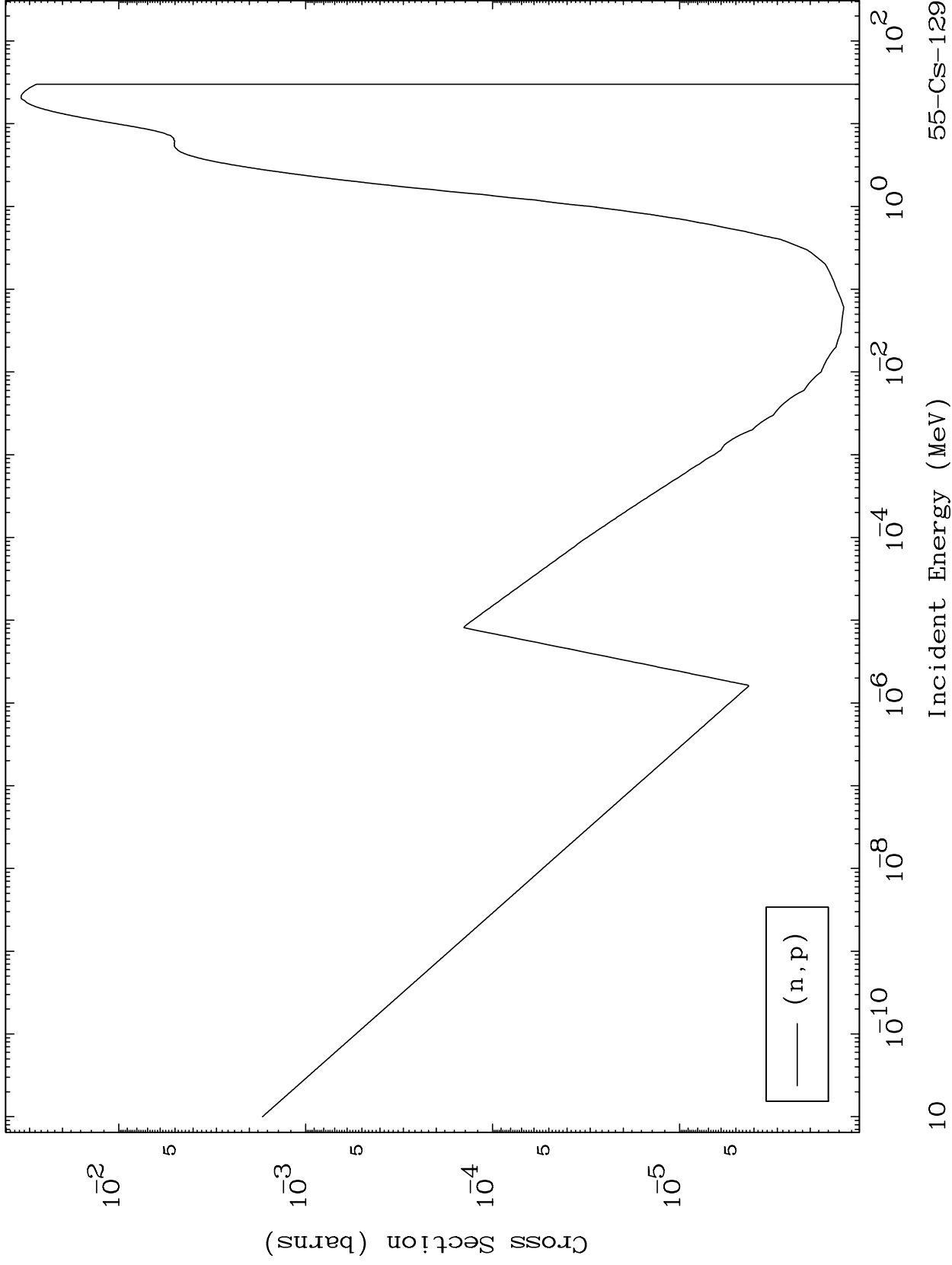
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-129



10

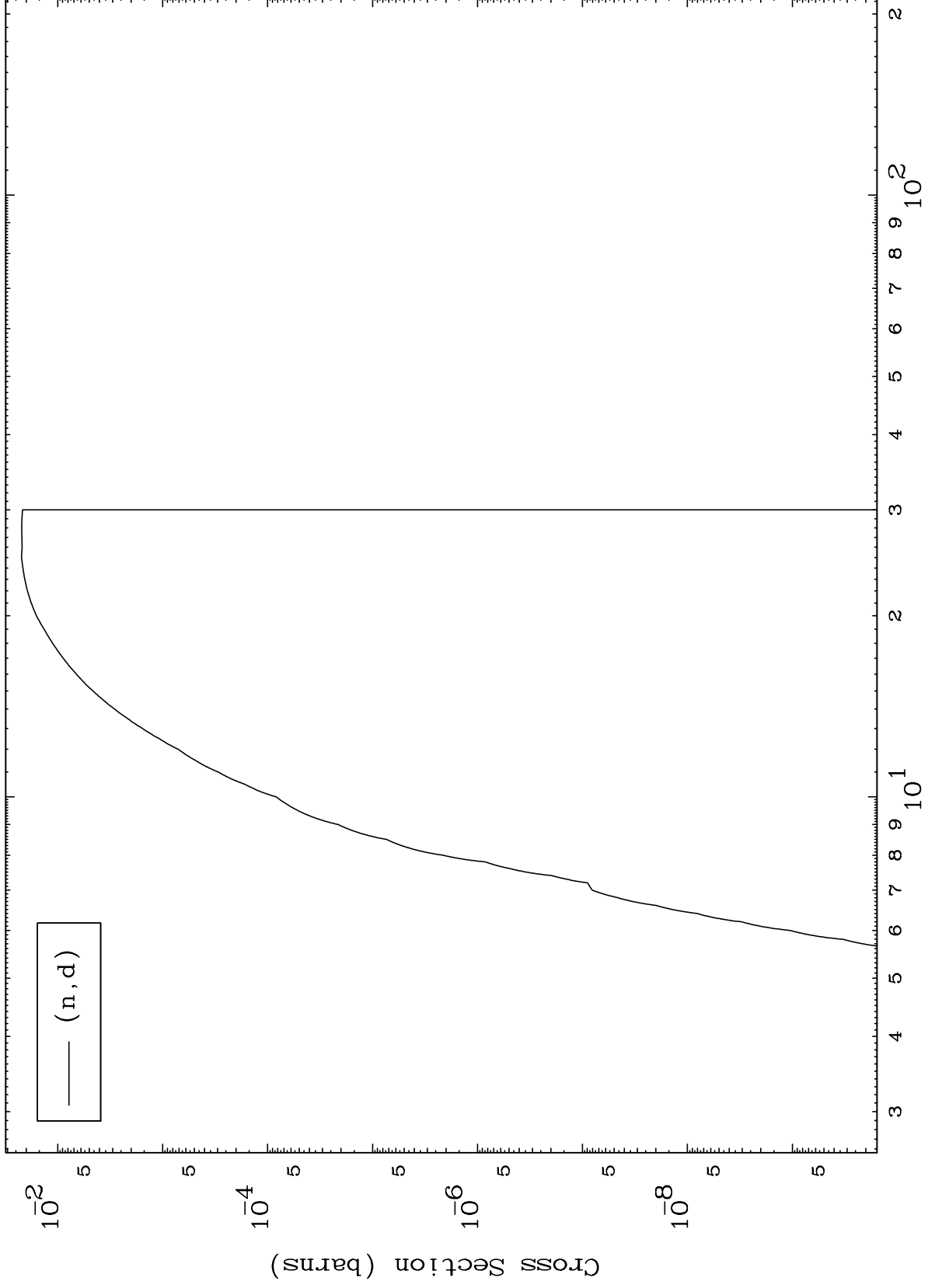
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,d) Levels
293 Kelvin Cross Sections

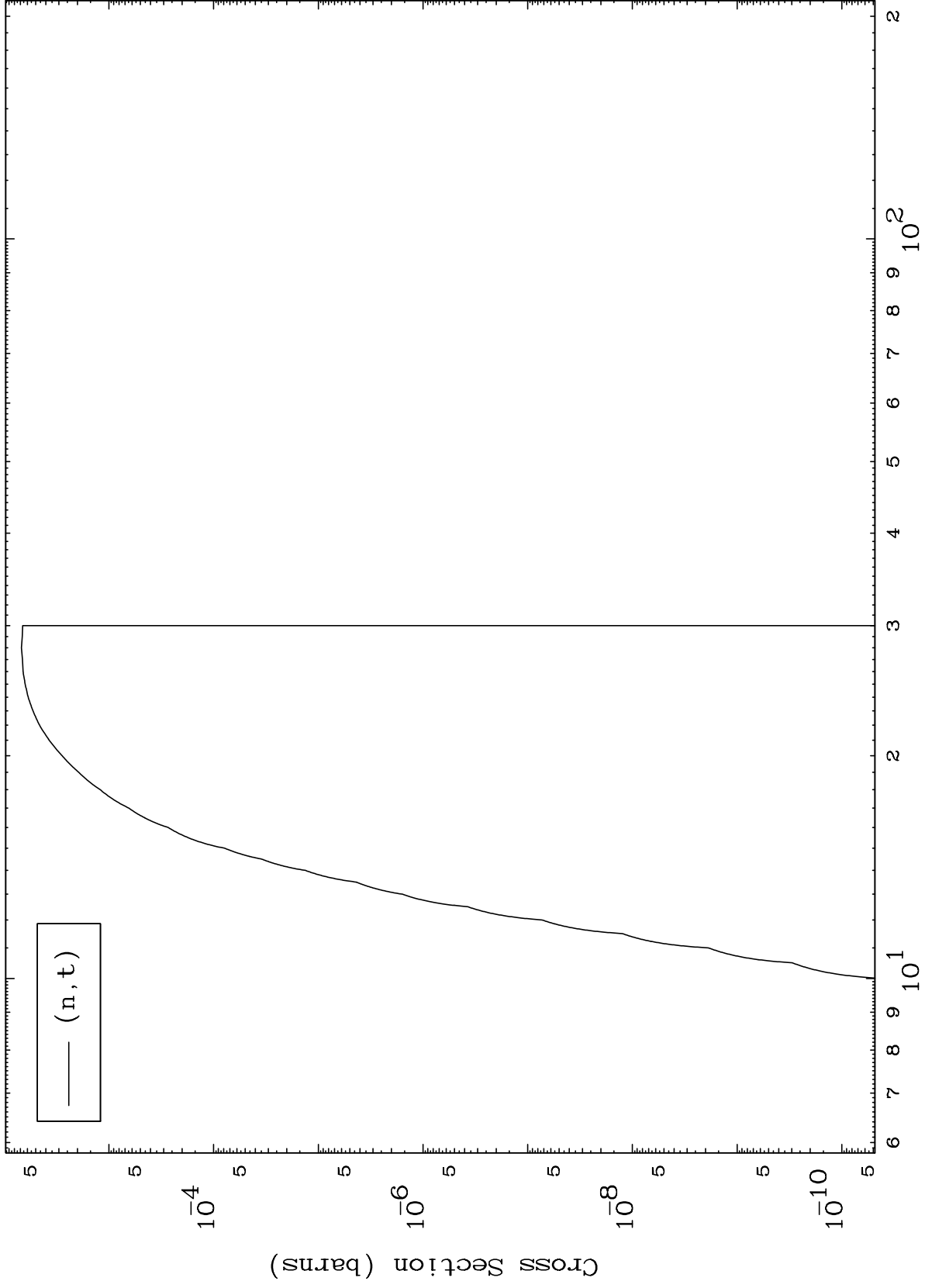
55-Cs-129



MAT 5513

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-129



12

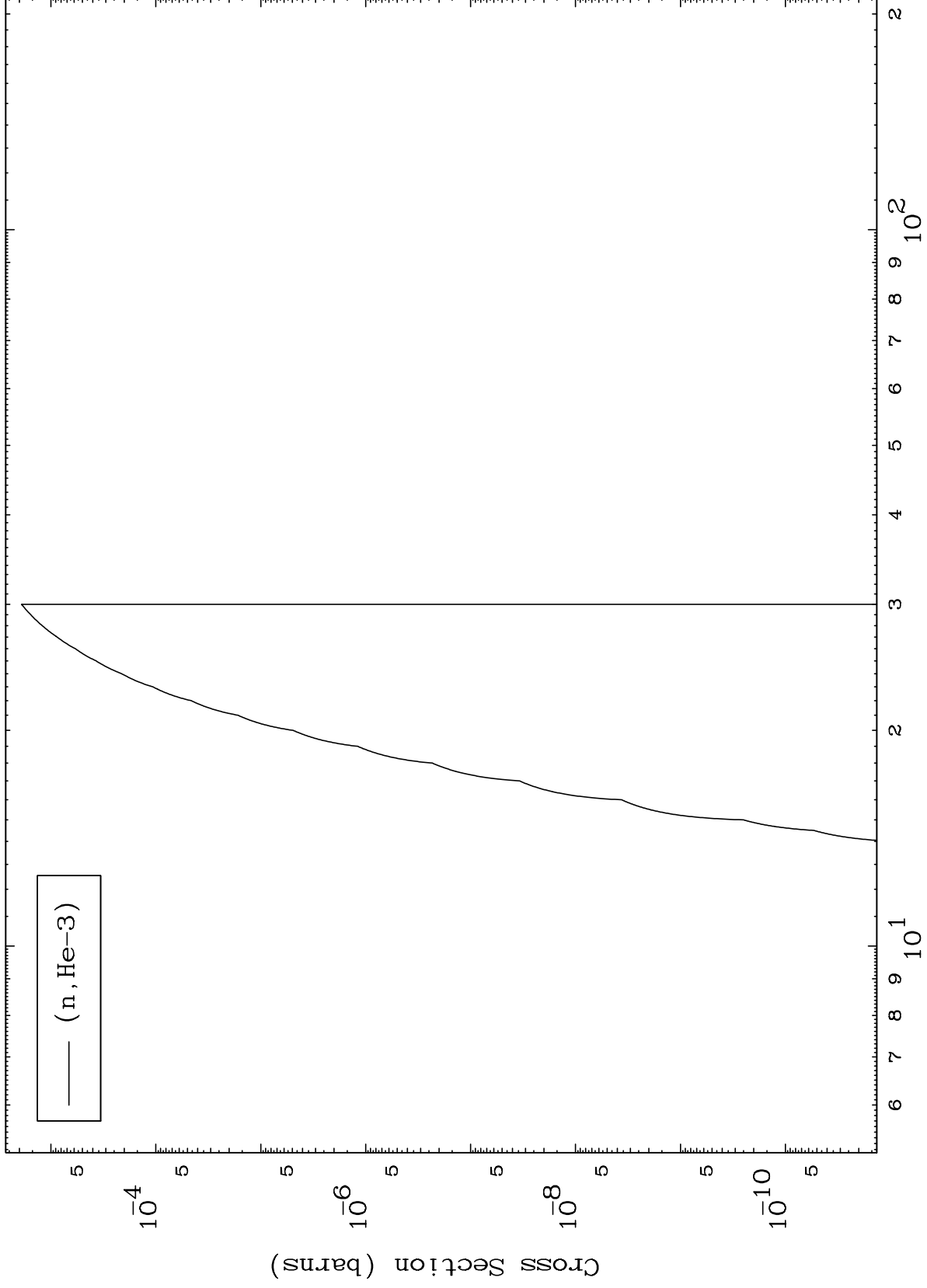
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-129



13

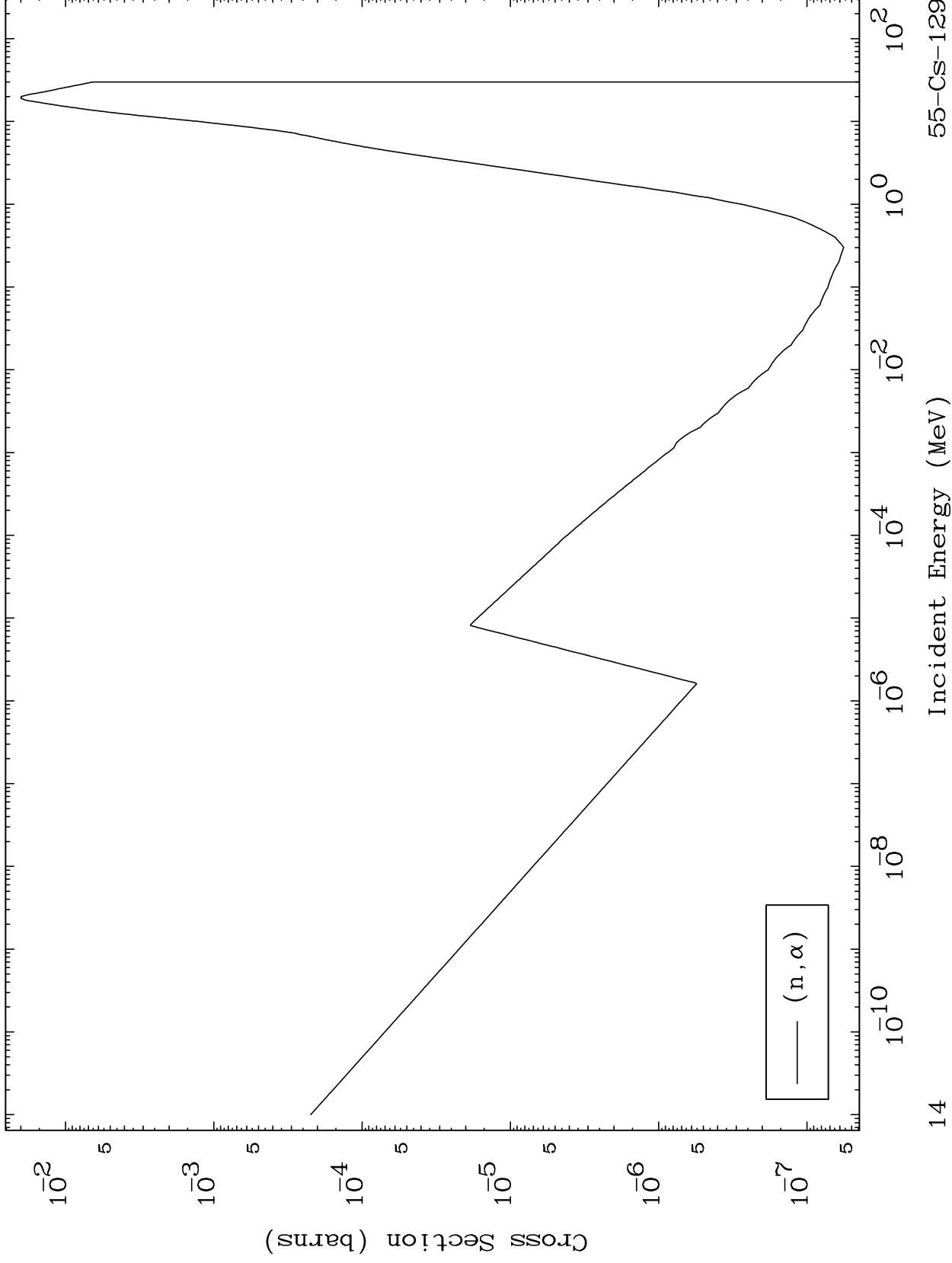
Incident Energy (MeV)

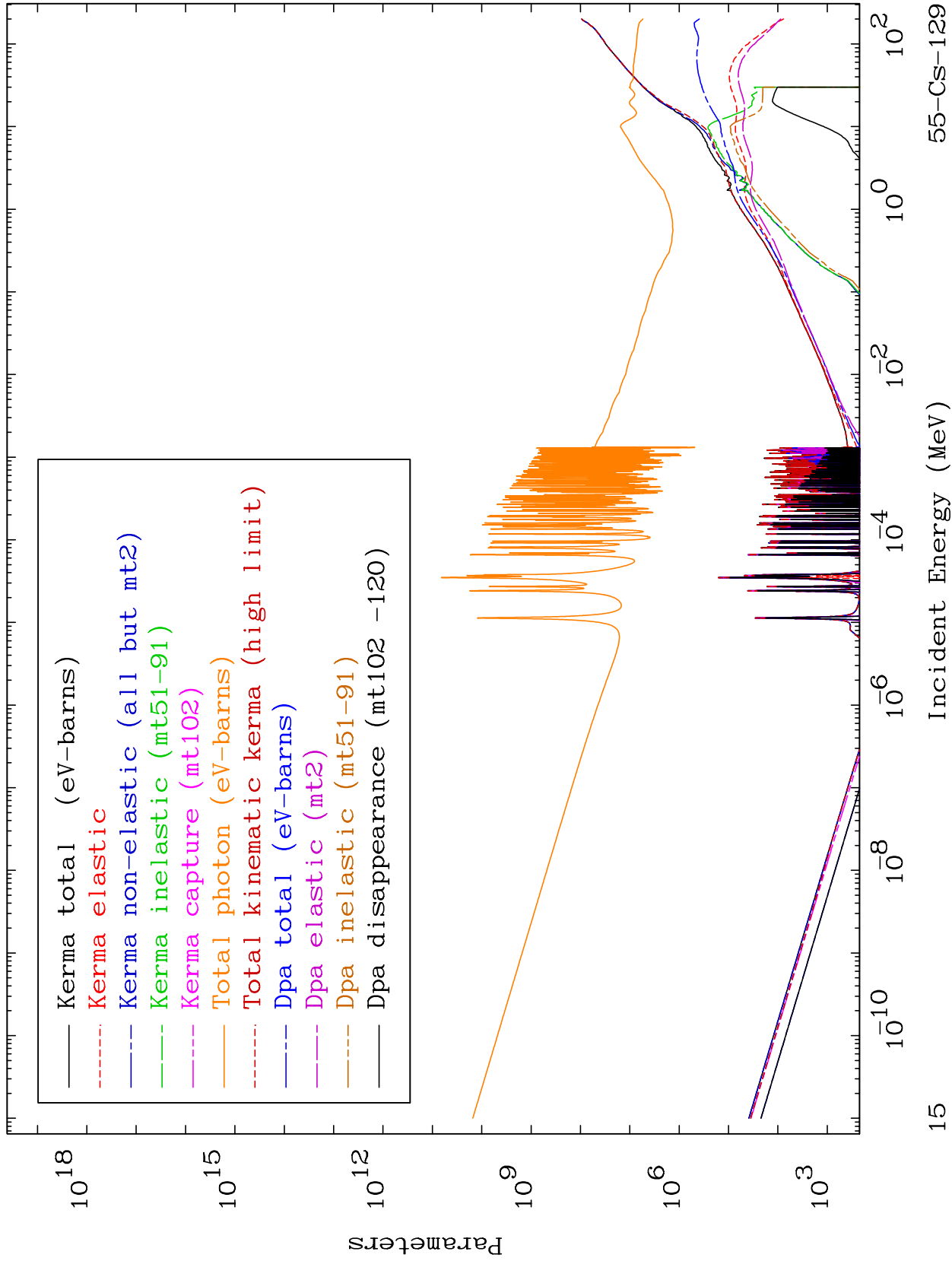
55-Cs-129

MAT 5513

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-129

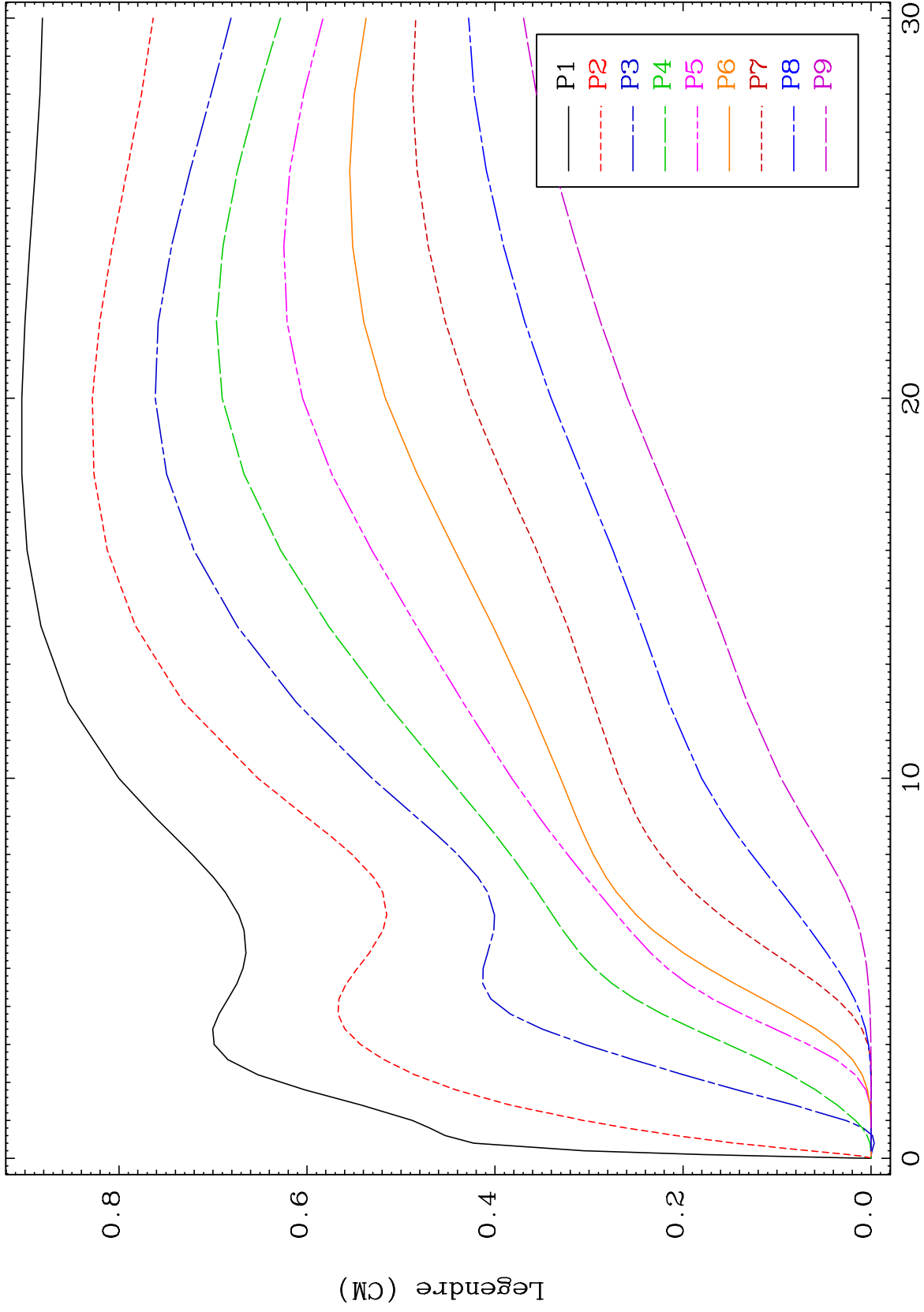




MAT 5513

Elastic Legendre Coefficients

55-Cs-129



16

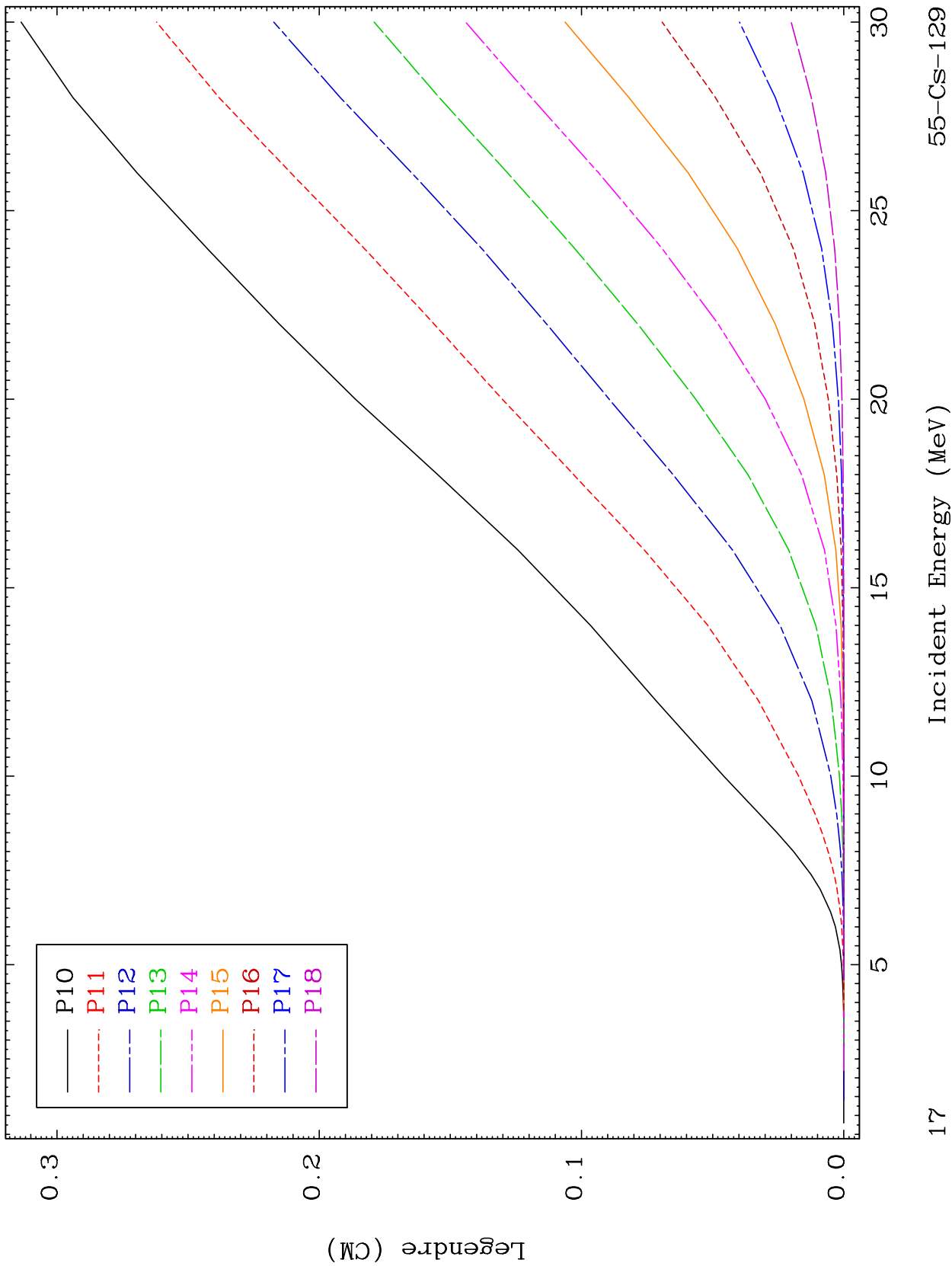
Incident Energy (MeV)

55-Cs-129

MAT 5513

Elastic Legendre Coefficients

55-Cs-129

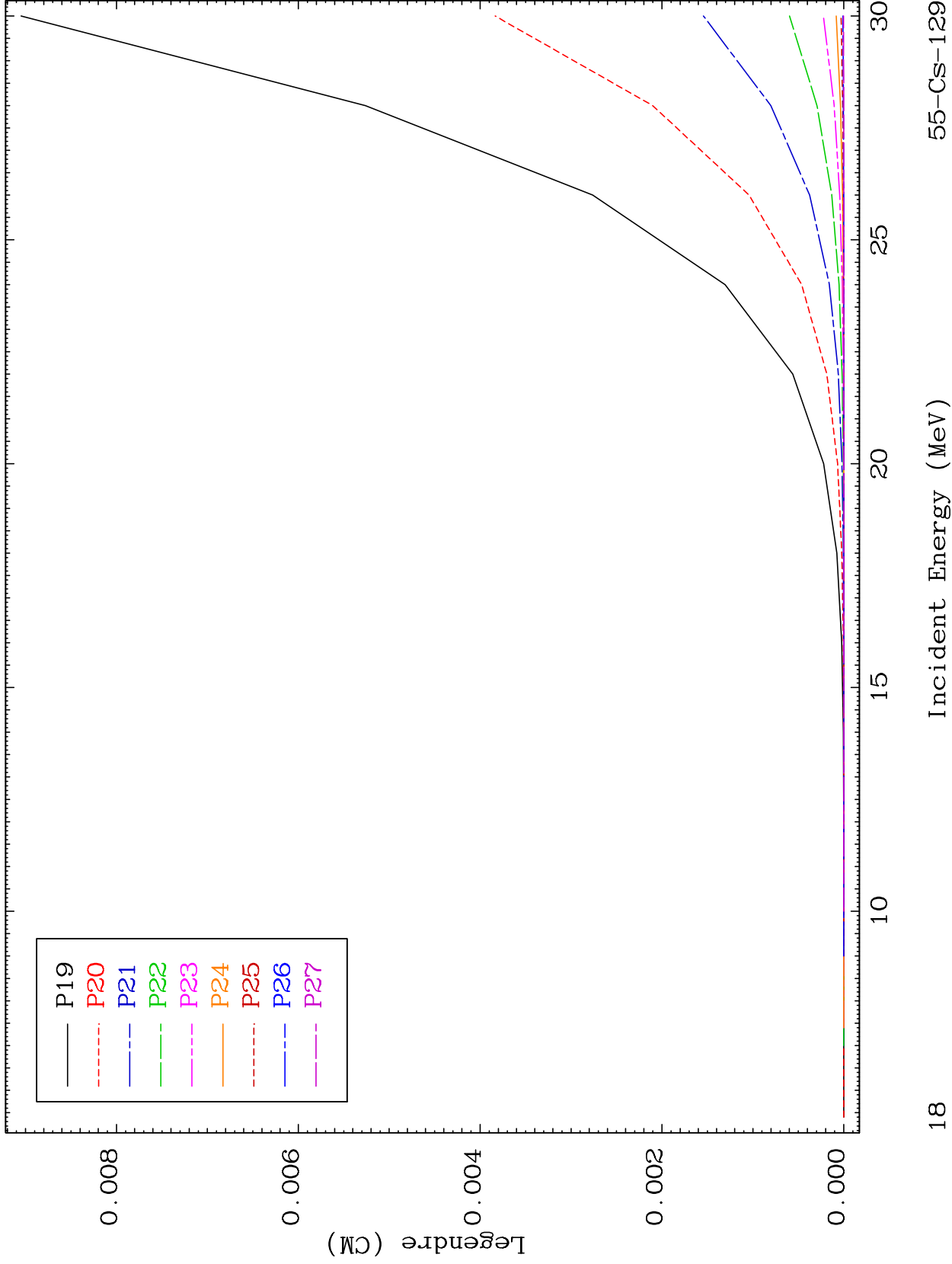


17

MAT 5513

Elastic Legendre Coefficients

55-Cs-129



18

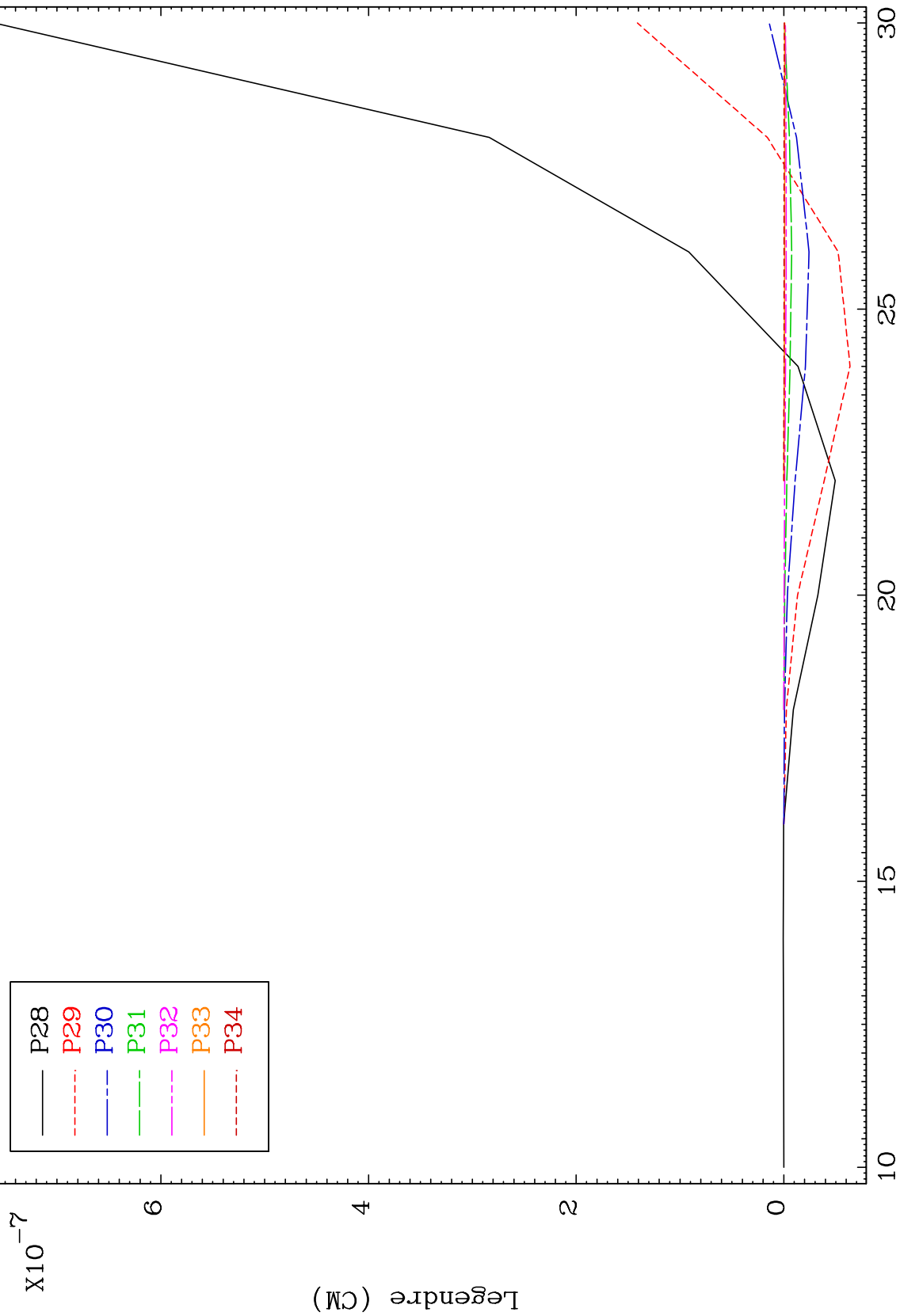
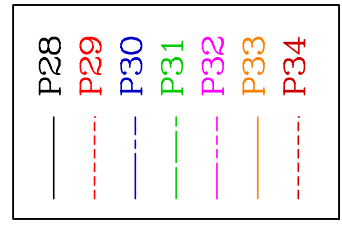
Incident Energy (MeV)

55-Cs-129

MAT 5513

Elastic Legendre Coefficients

55-Cs-129



10

15

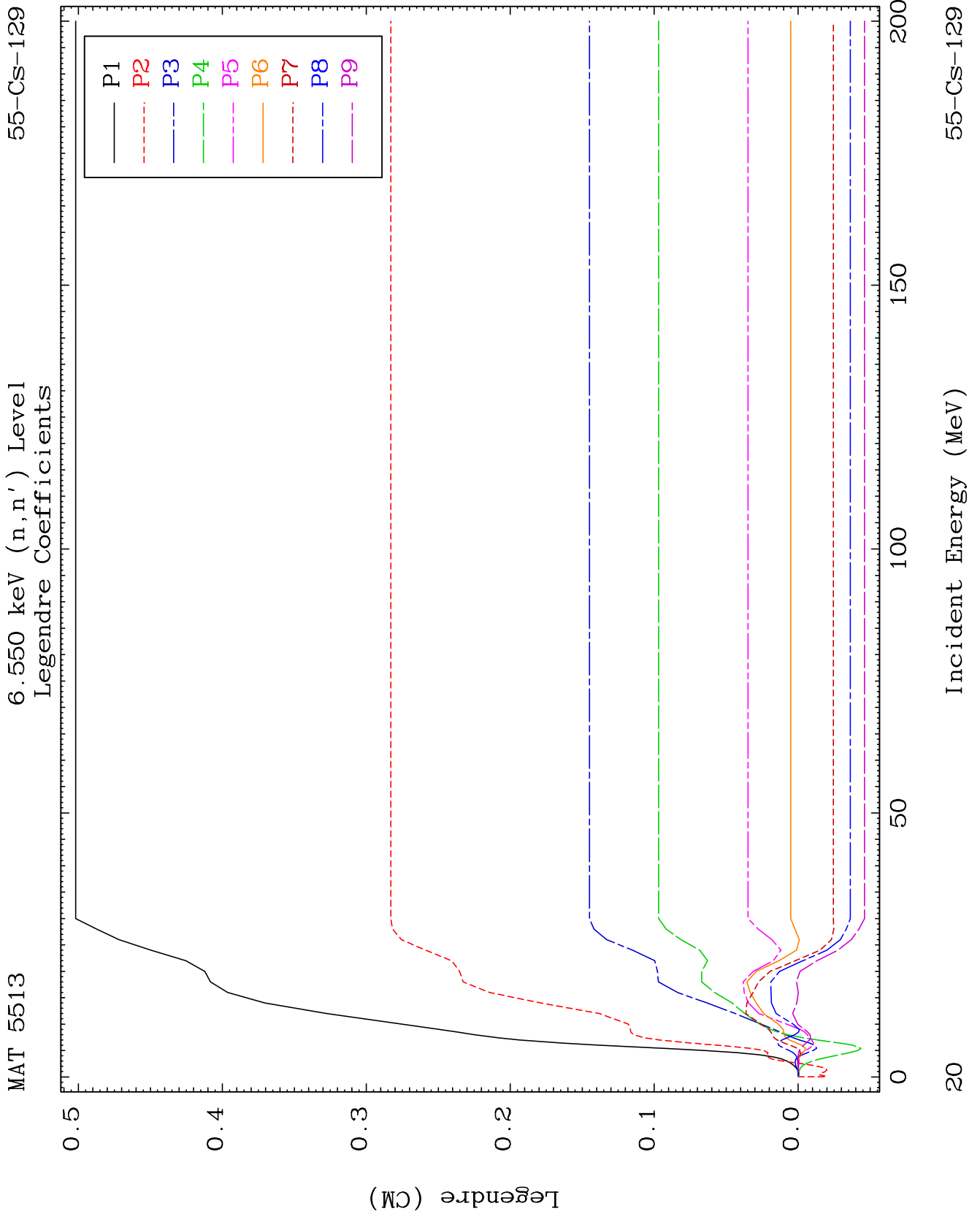
20

25

30

Incident Energy (MeV)

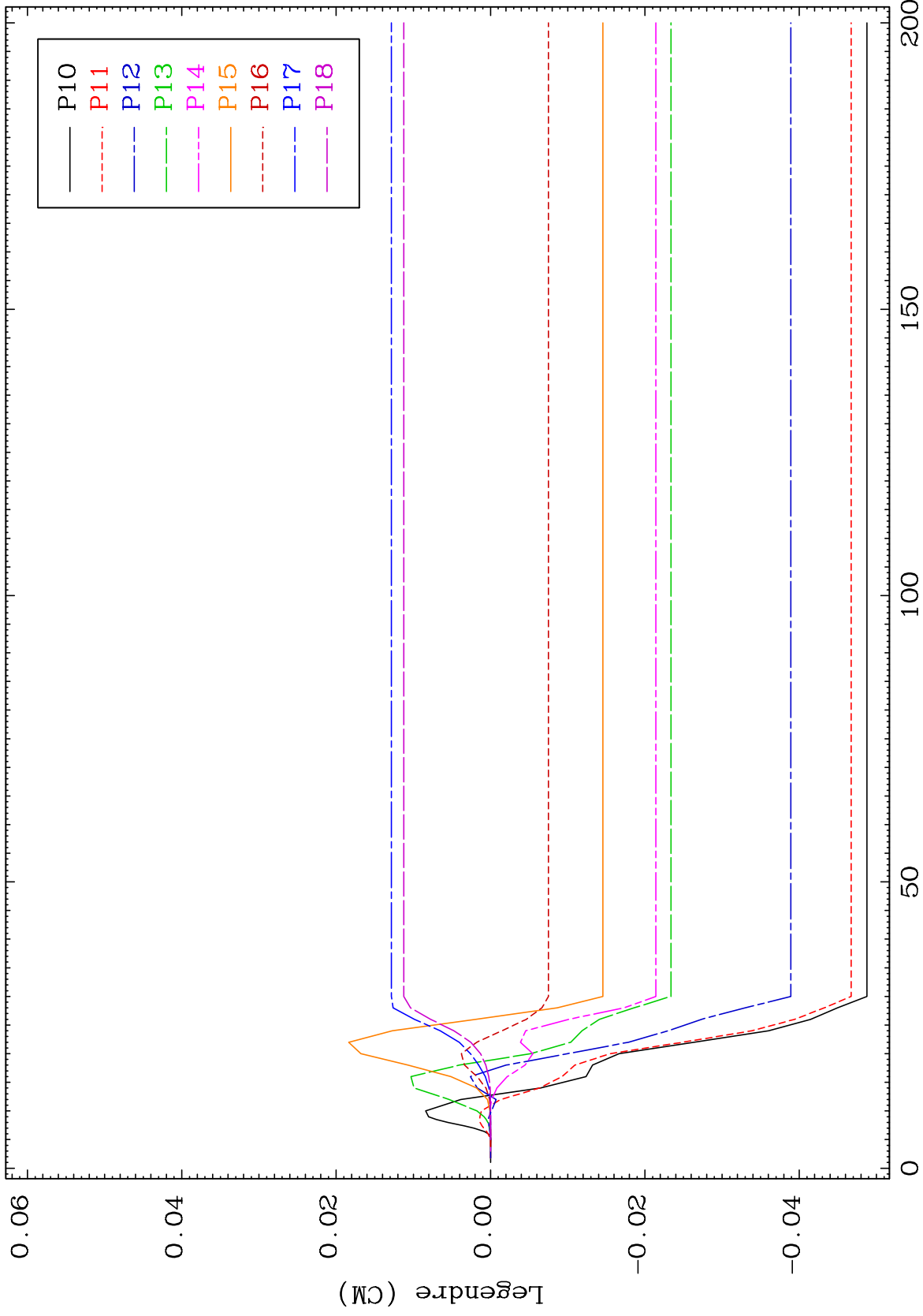
55-Cs-129



MAT 5513

6.550 keV (n,n') Level
Legendre Coefficients

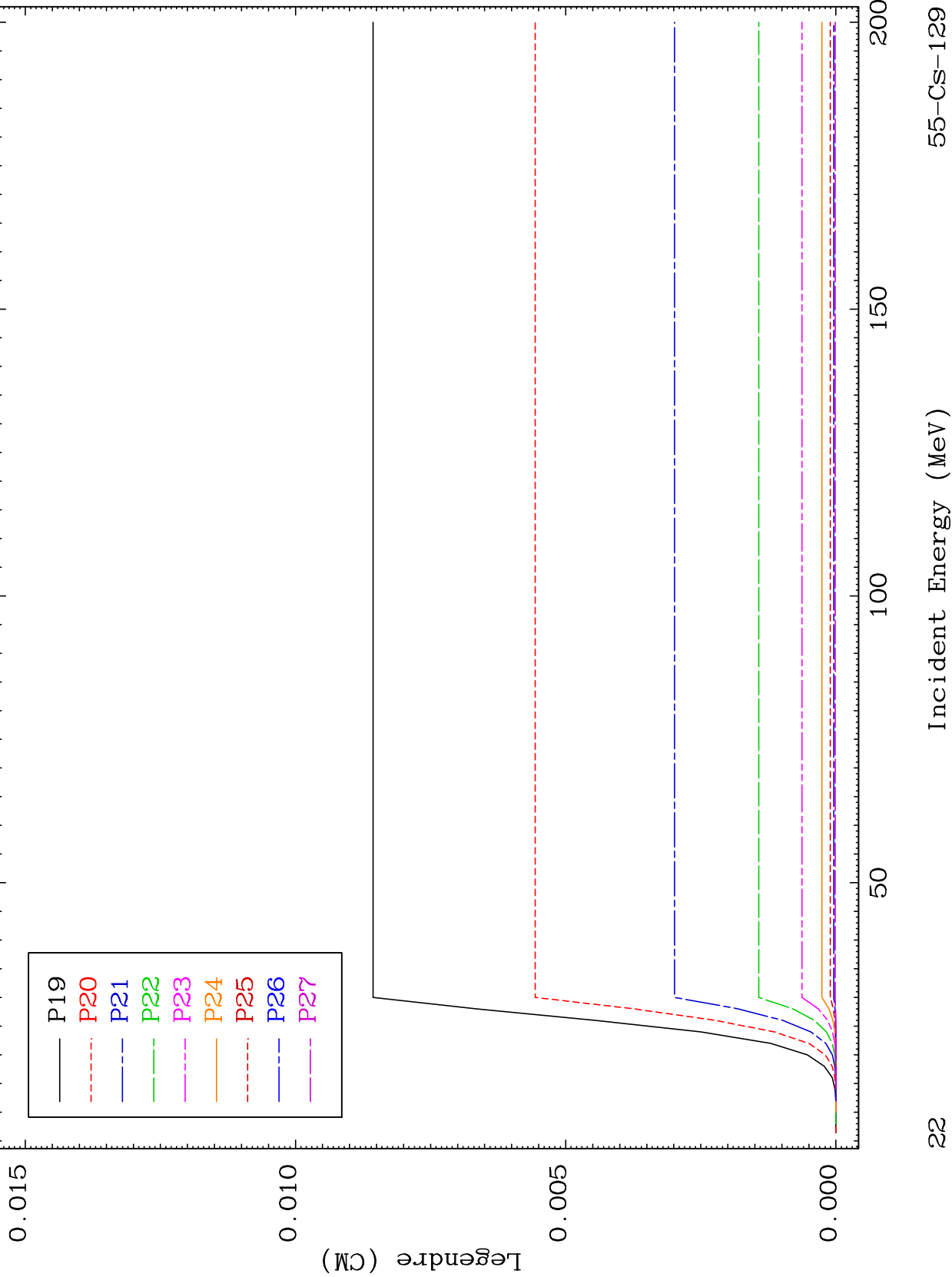
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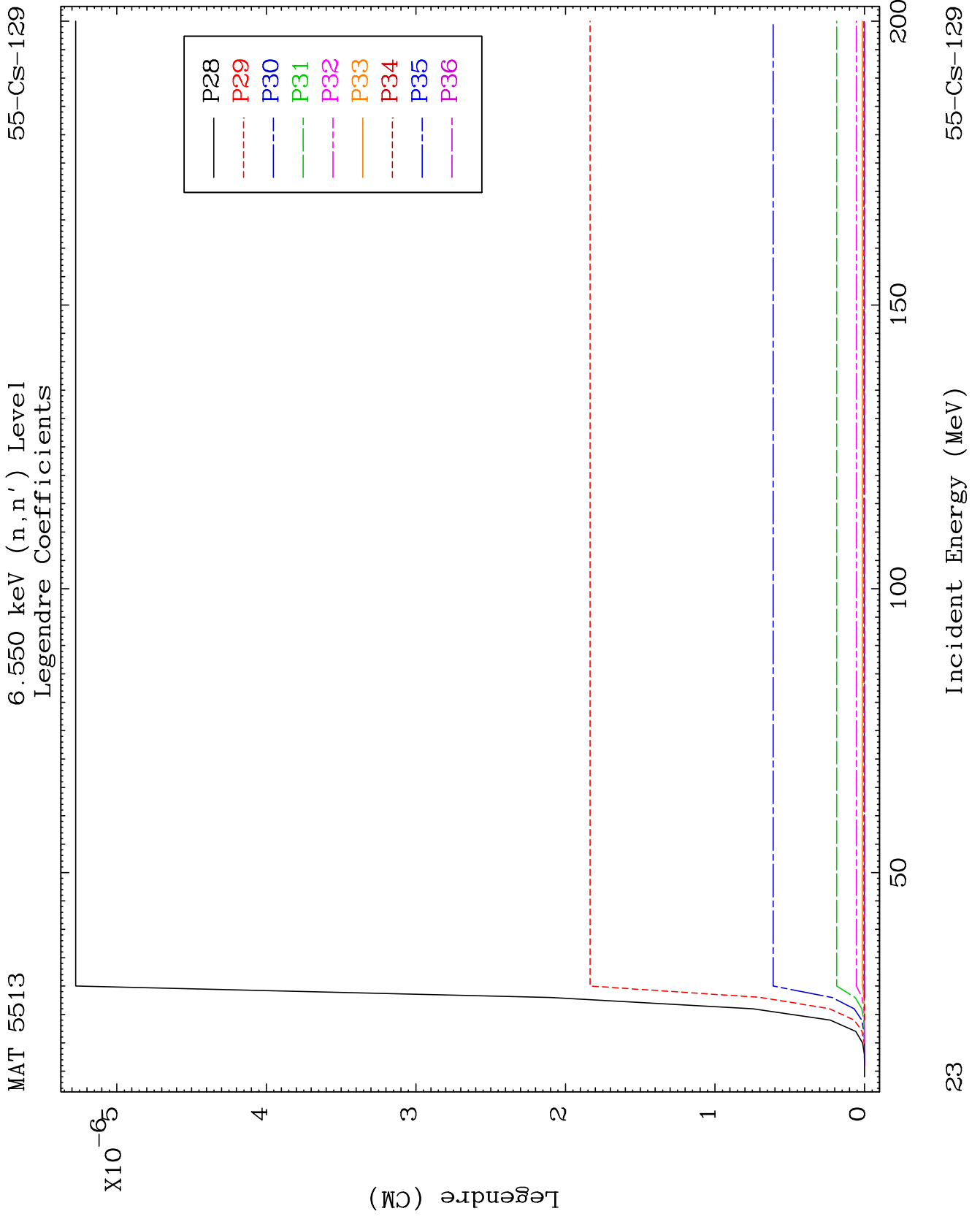
MAT 5513

6.550 keV (n,n') Level
Legendre Coefficients

55-Cs-129



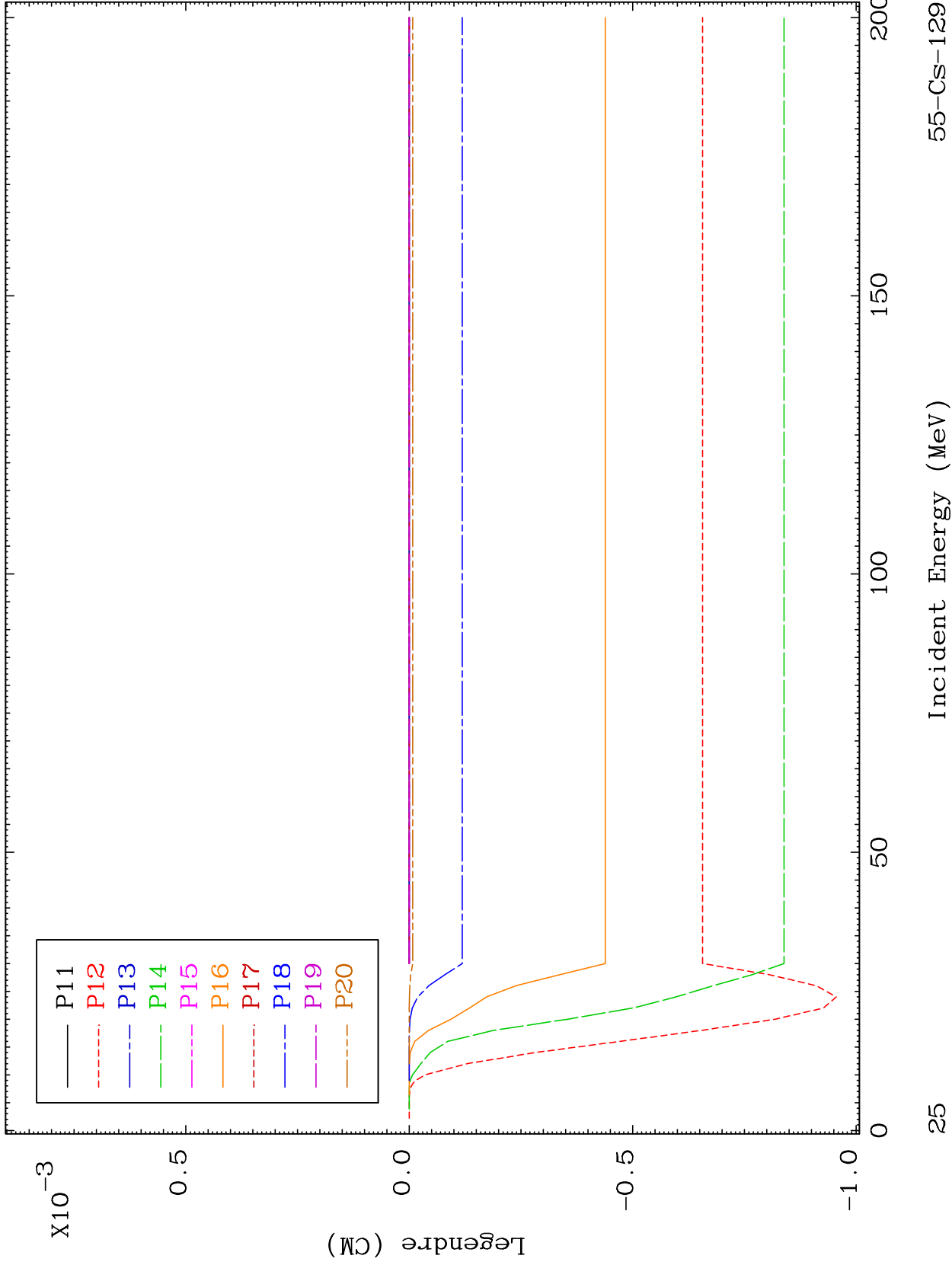
22



MAT 5513

135.6 keV (n,n') Level
Legendre Coefficients

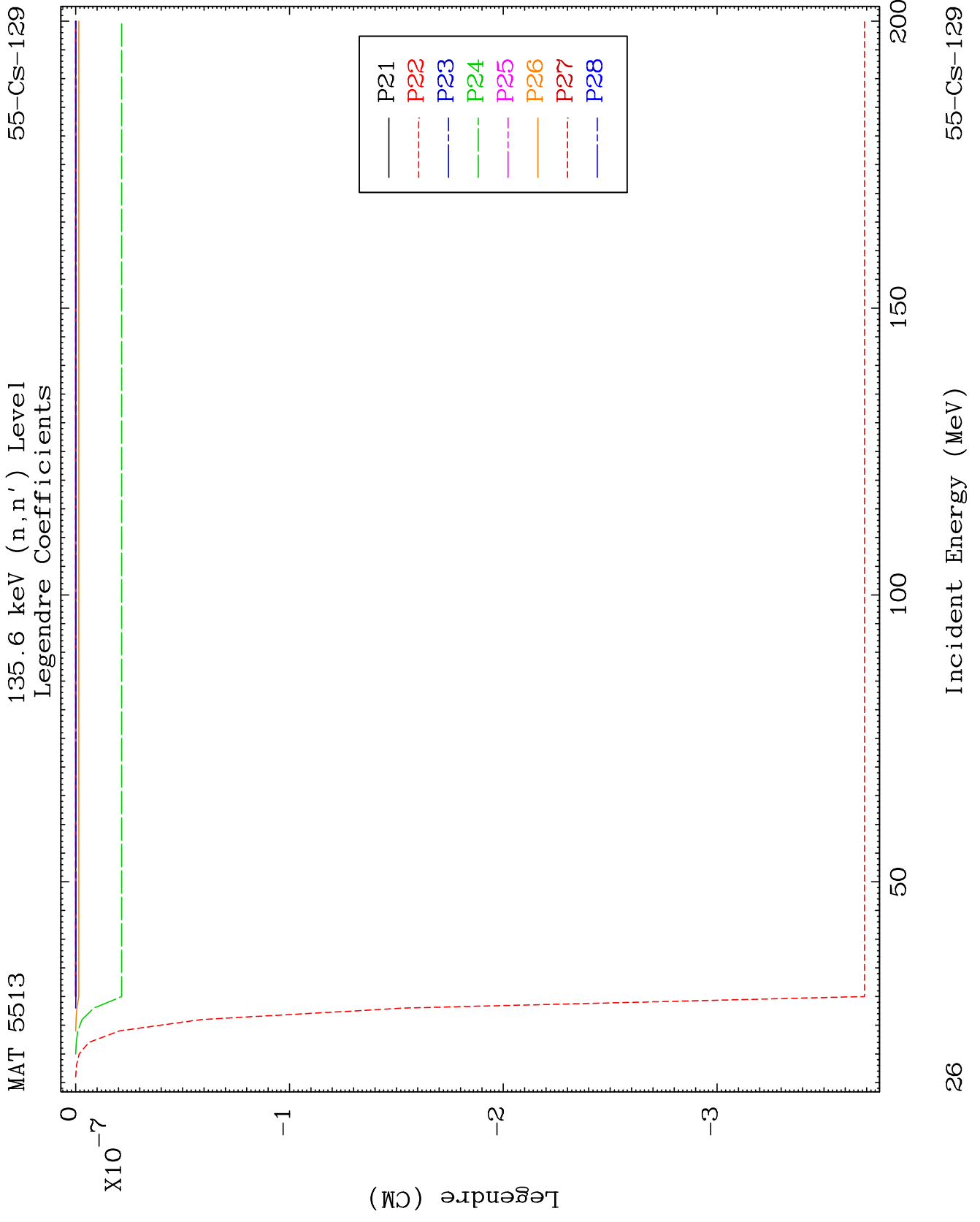
55-Cs-129



55-Cs-129

Incident Energy (MeV)

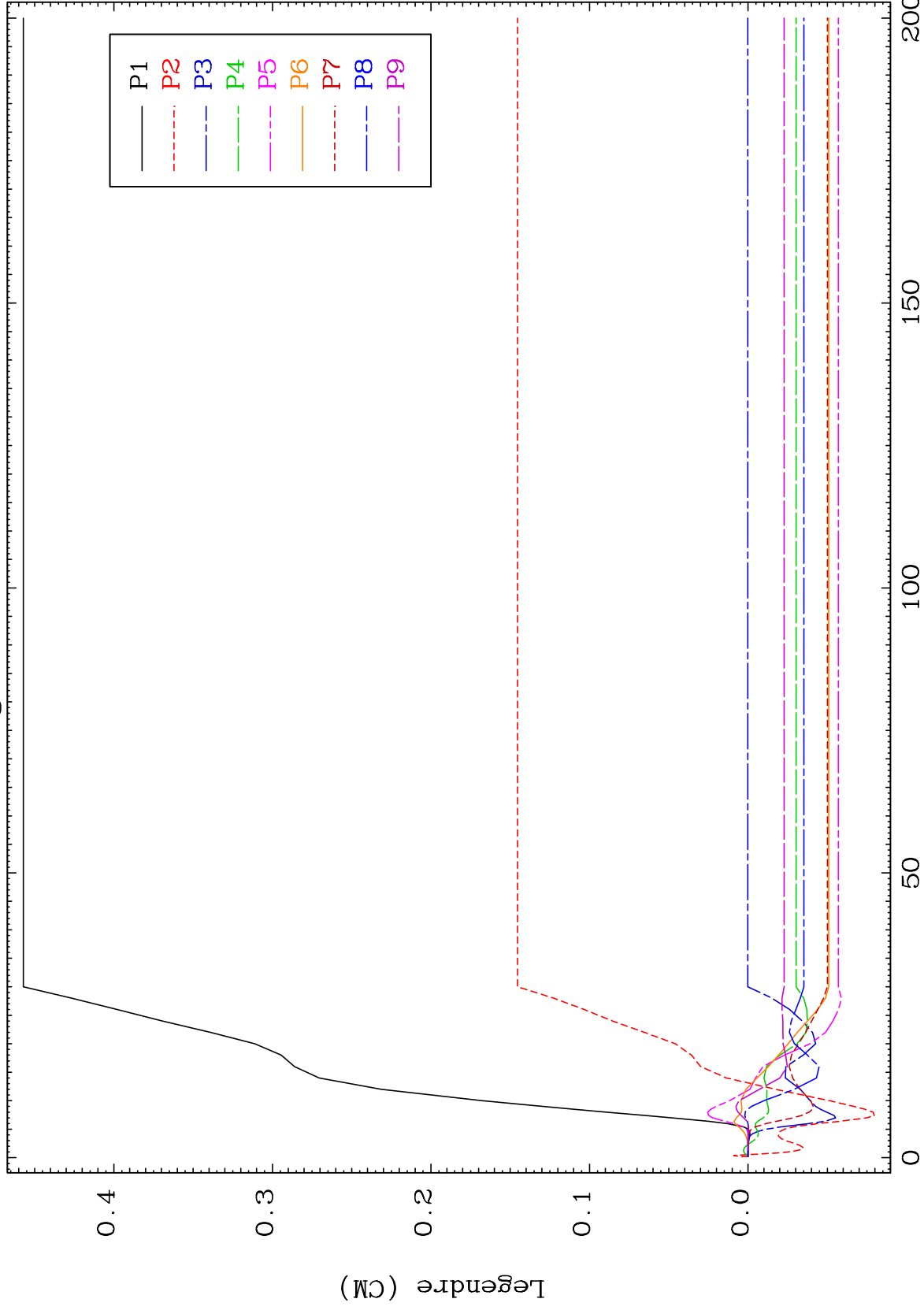
25



MAT 5513

188.9 keV (n,n') Level
Legendre Coefficients

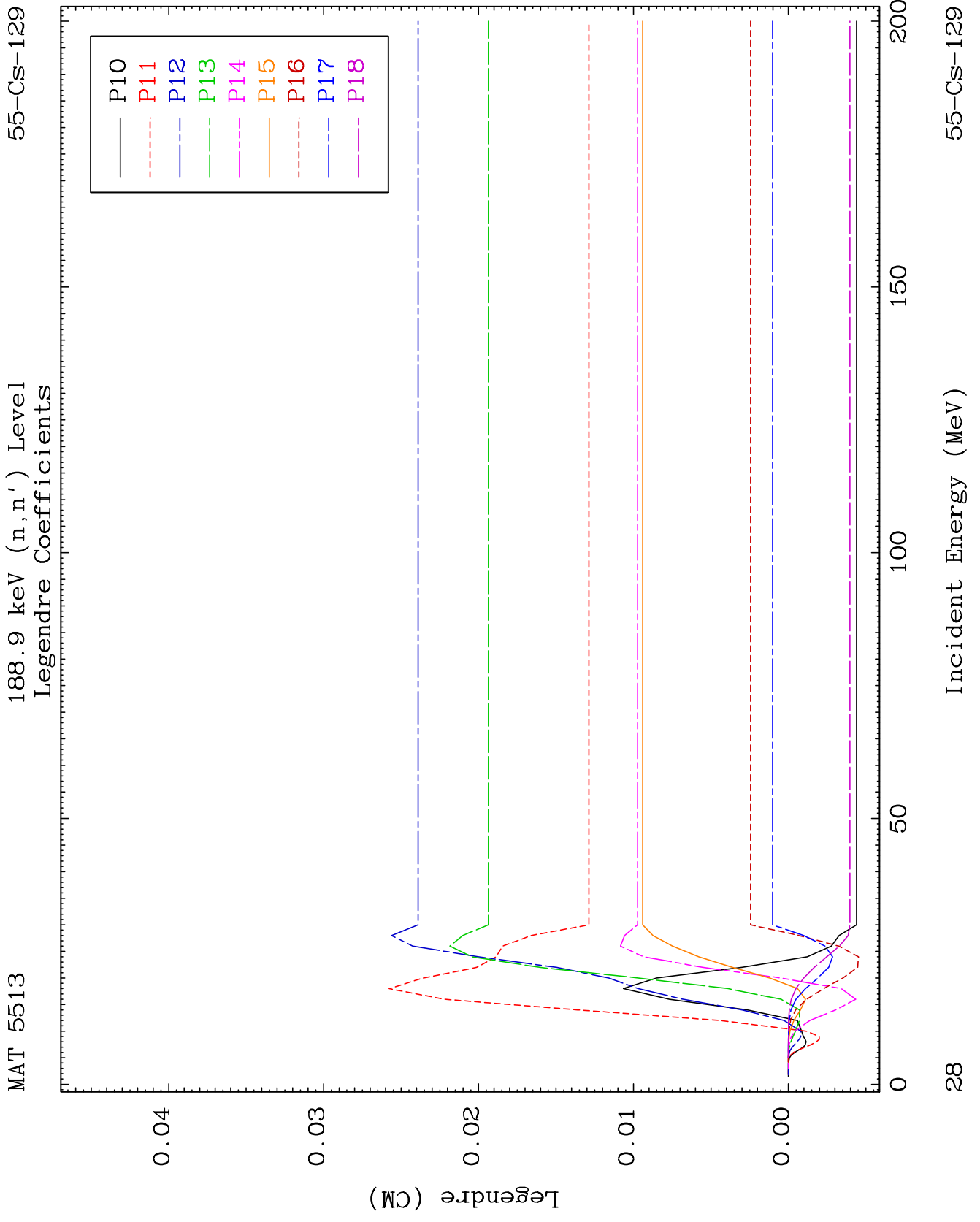
55-Cs-129



27

Incident Energy (MeV)

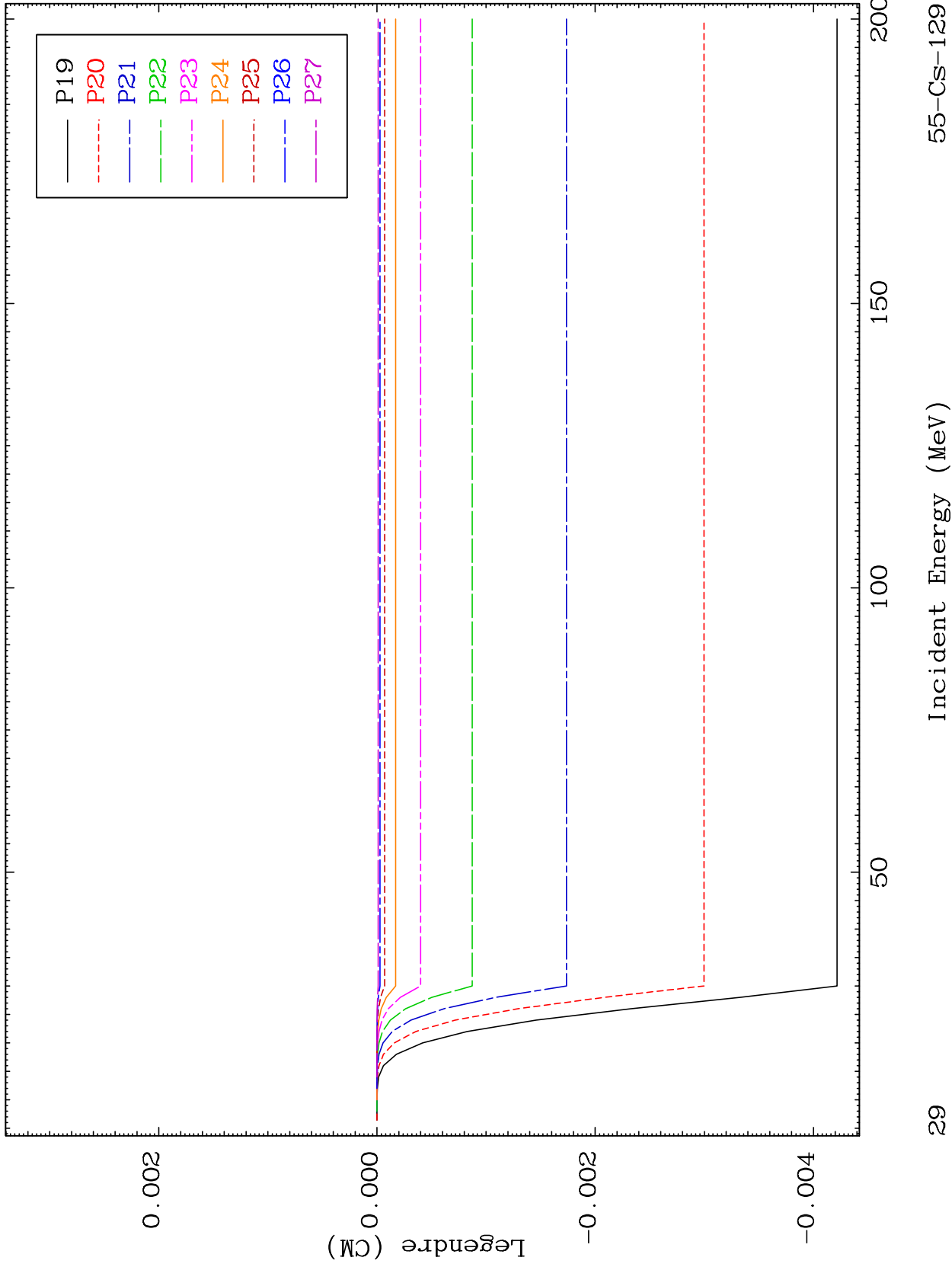
55-Cs-129



MAT 5513

188.9 keV (n,n') Level
Legendre Coefficients

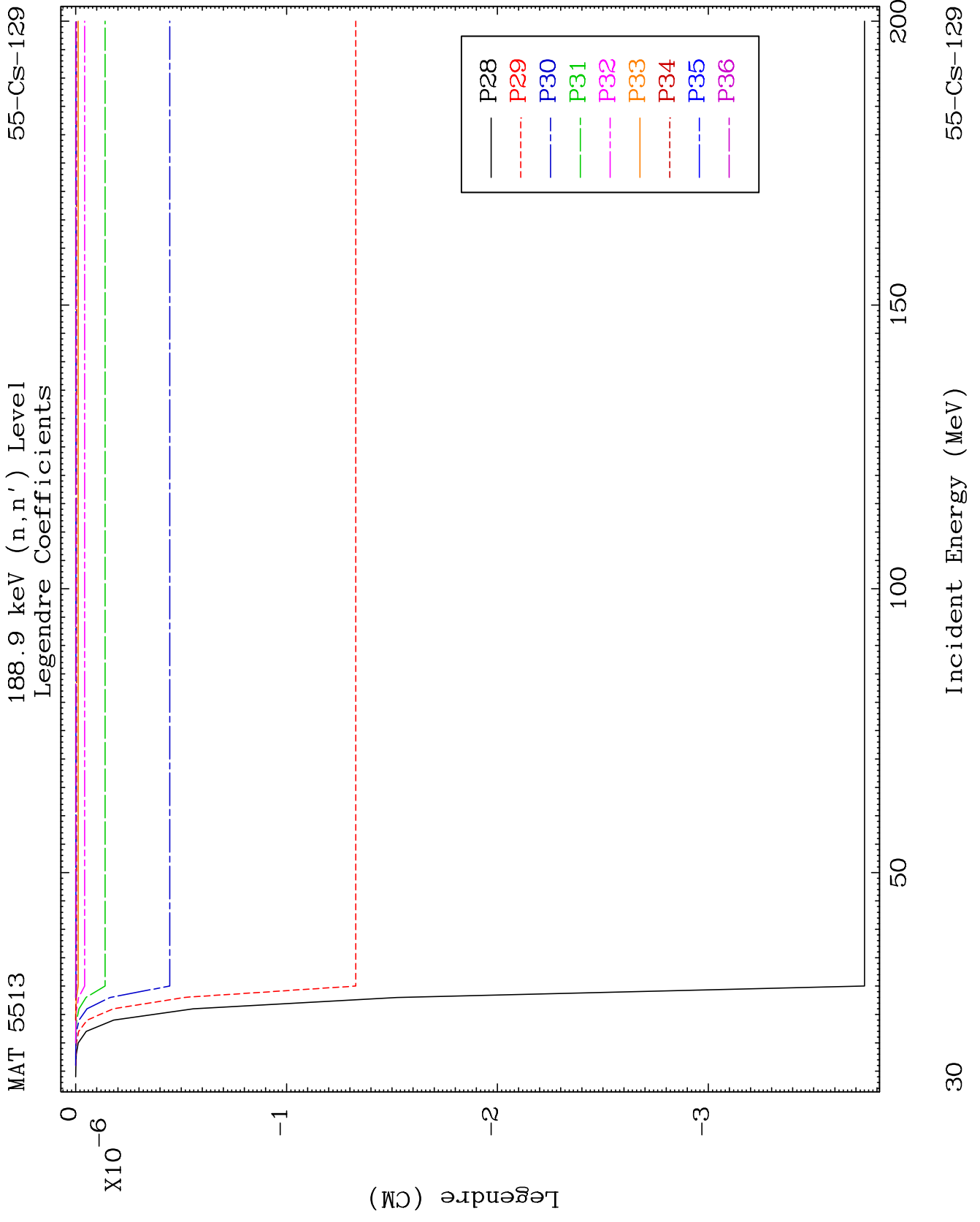
55-Cs-129



29

Incident Energy (MeV)

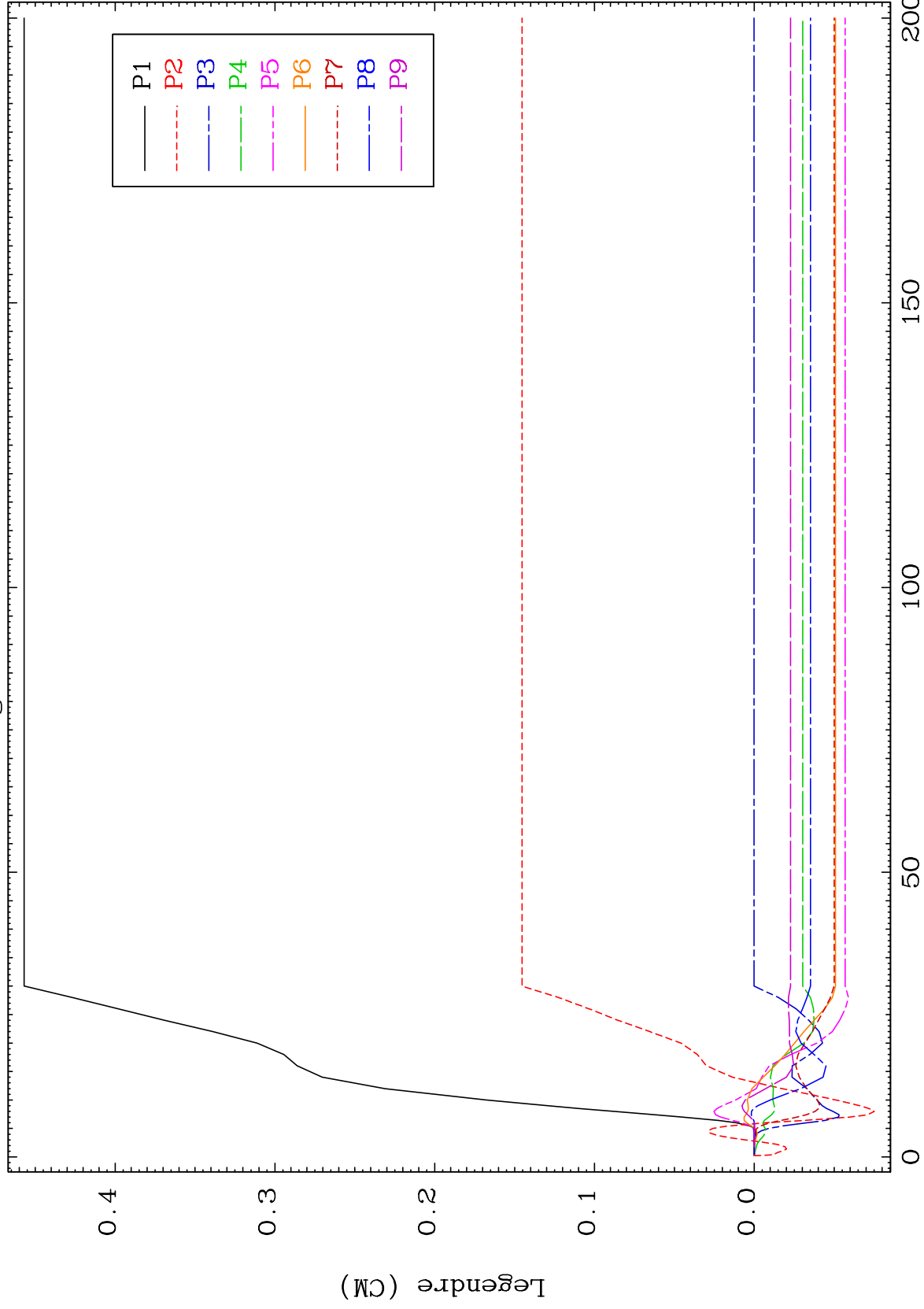
55-Cs-129



MAT 5513

209.1 keV (n,n') Level
Legendre Coefficients

55-Cs-129



31

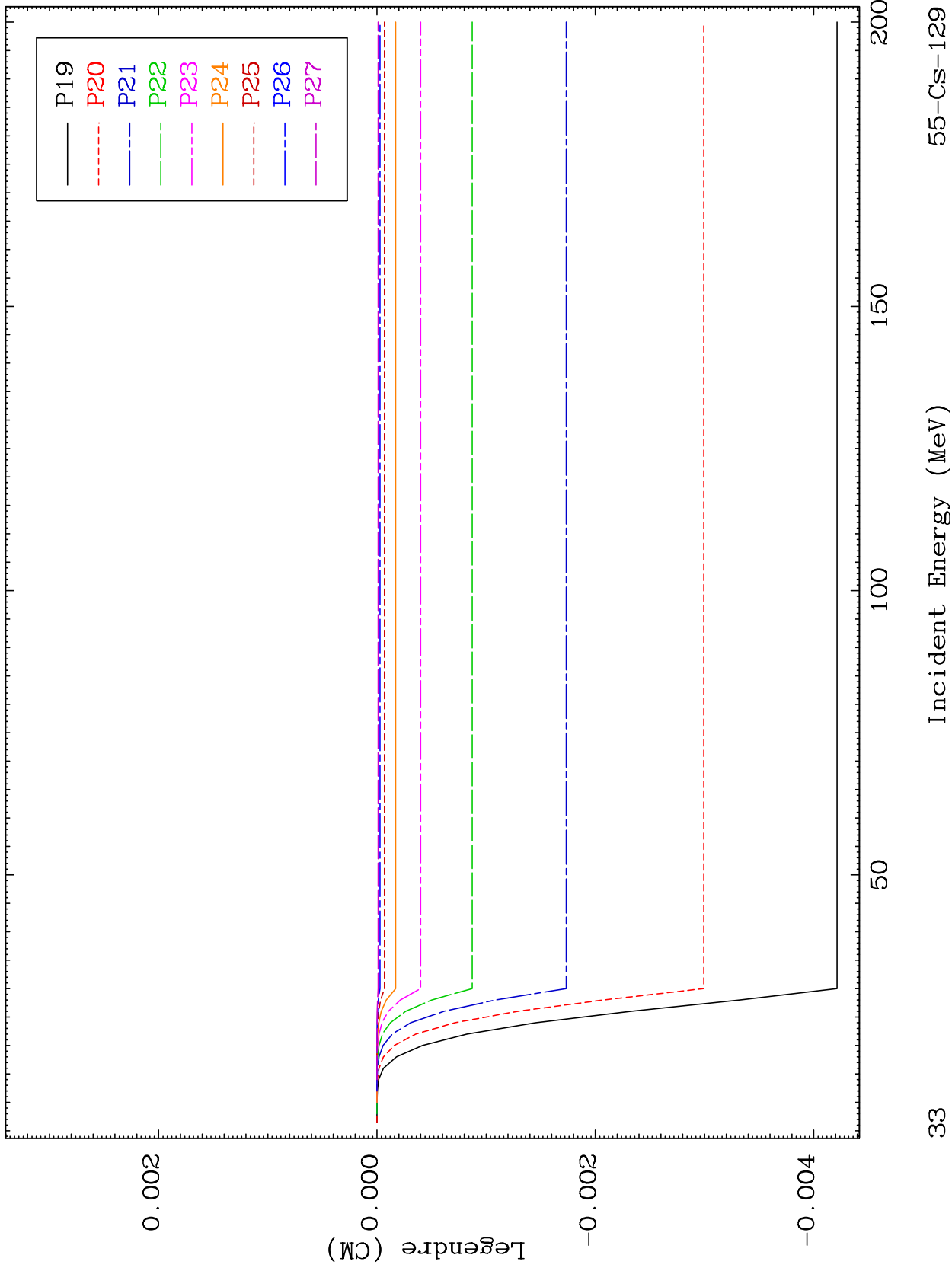
Incident Energy (MeV)

55-Cs-129

MAT 5513

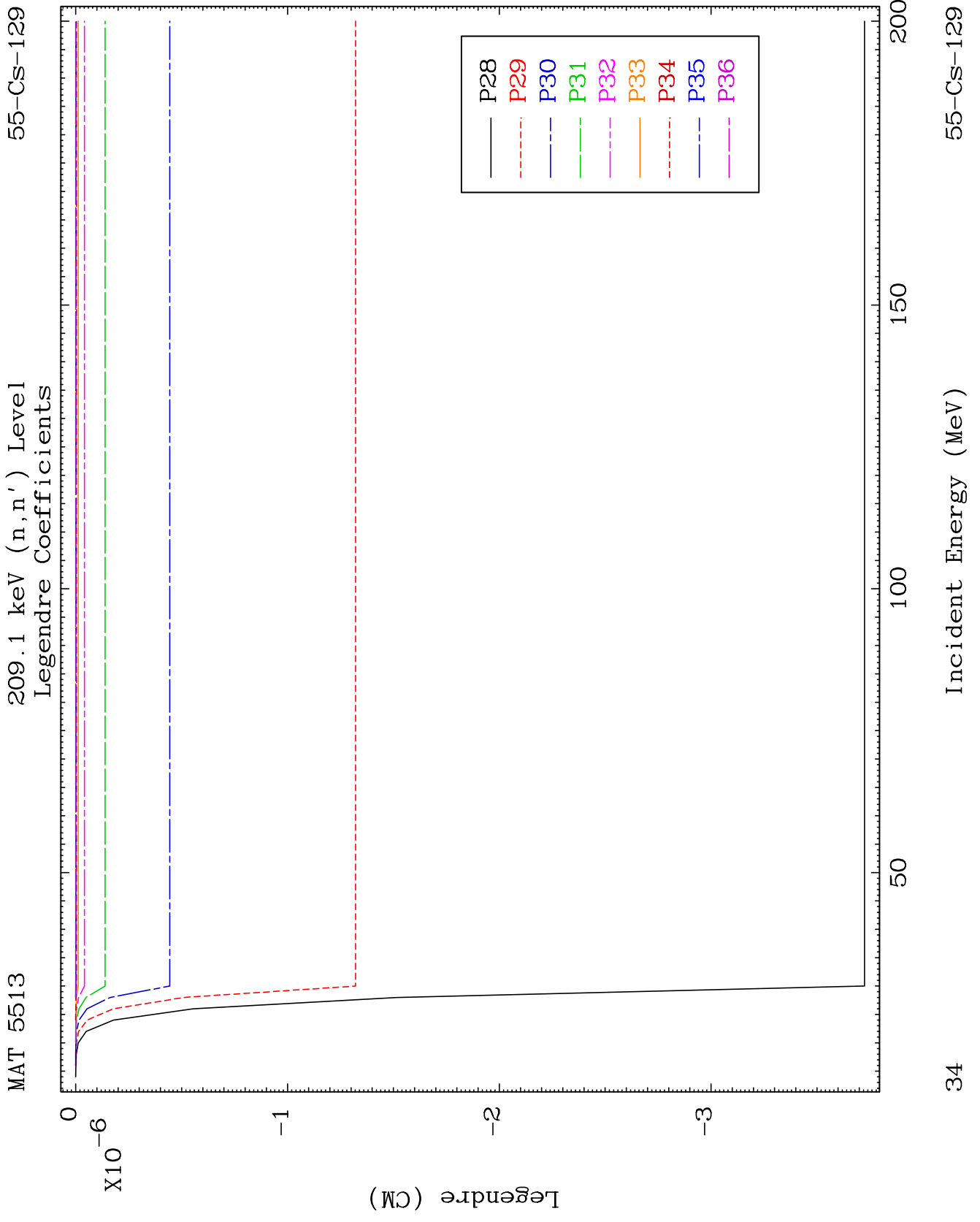
209.1 keV (n,n') Level
Legendre Coefficients

55-Cs-129



33

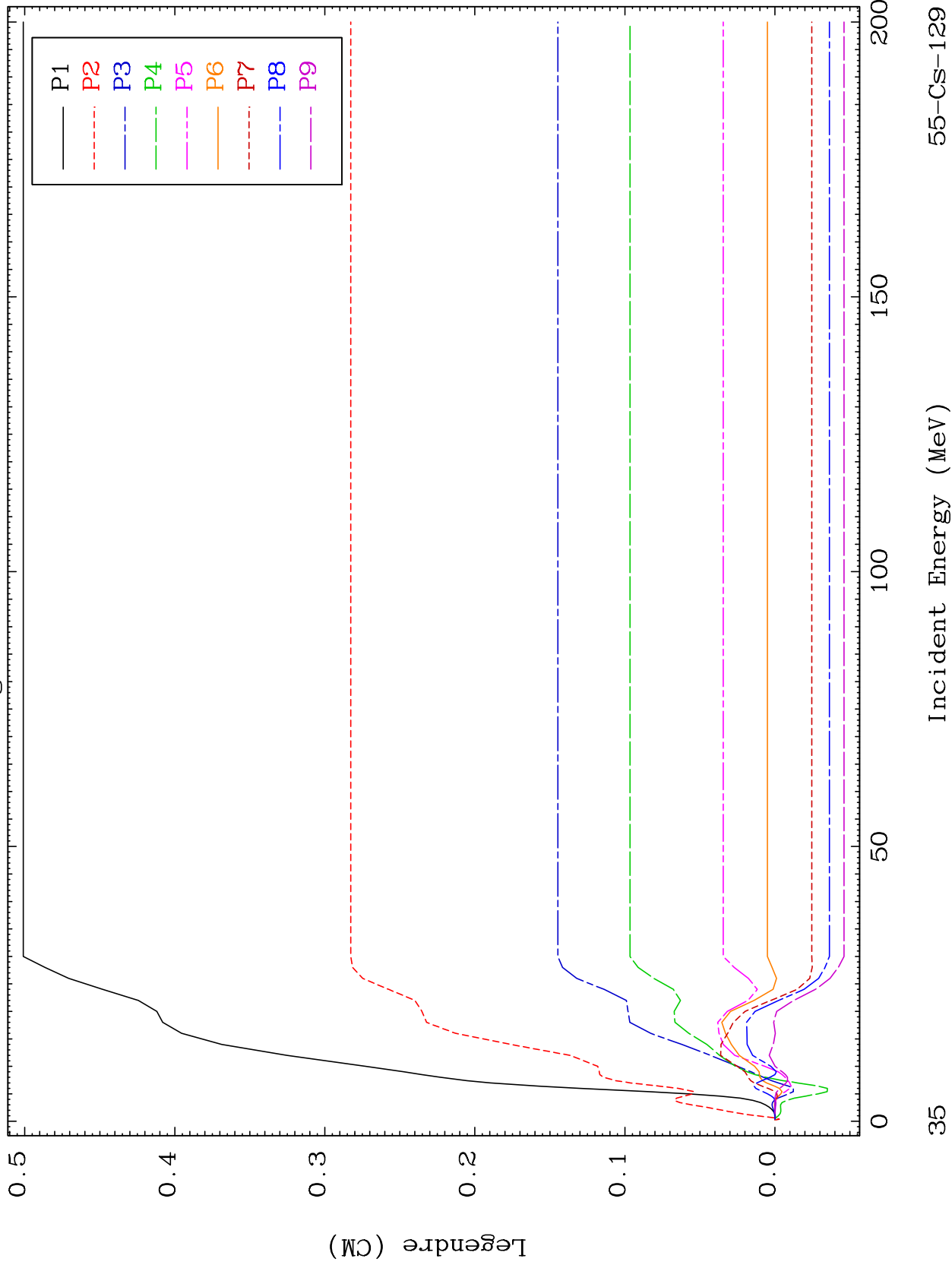
55-Cs-129



MAT 5513

220.7 keV (n,n') Level
Legendre Coefficients

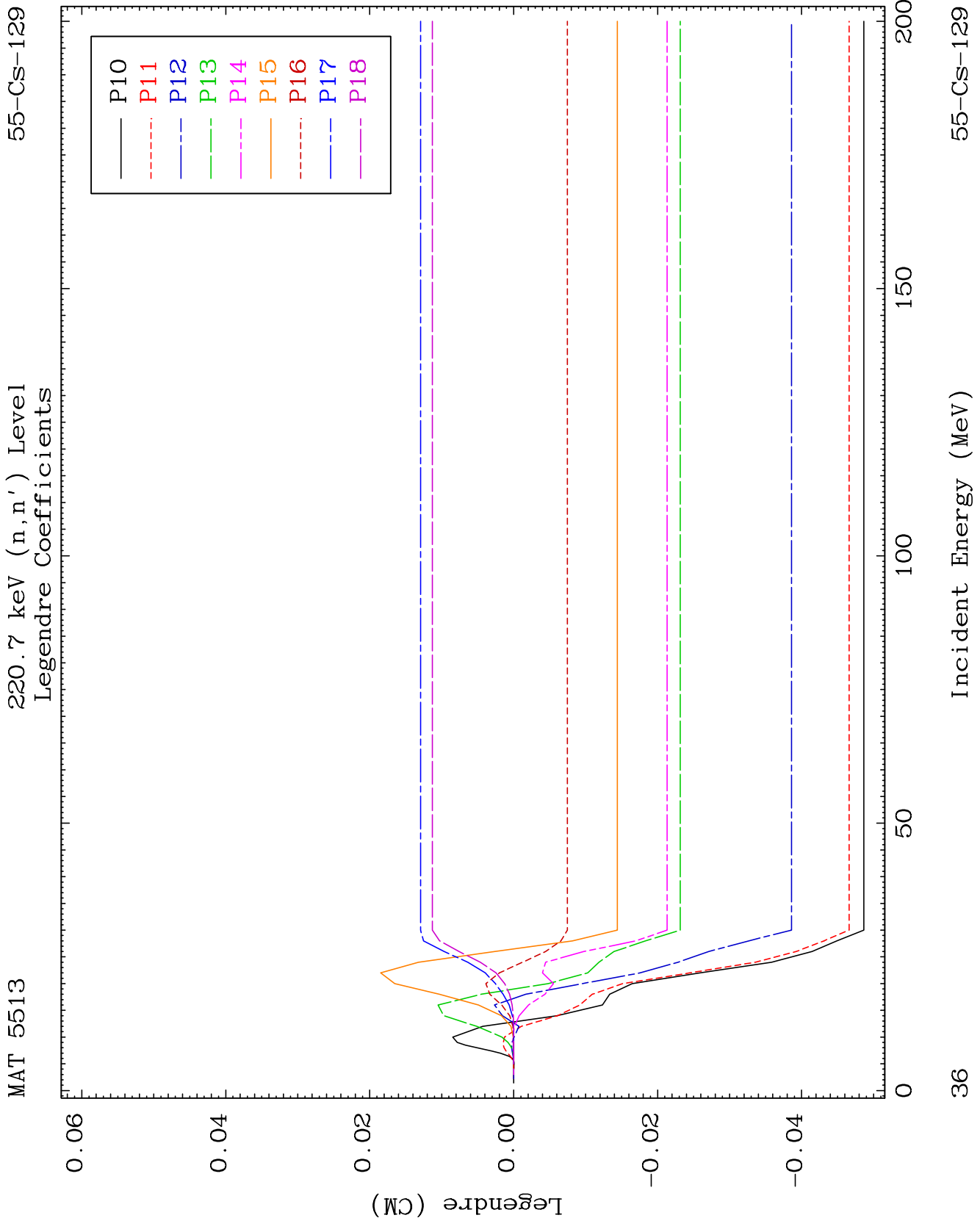
55-Cs-129



55-Cs-129

Incident Energy (MeV)

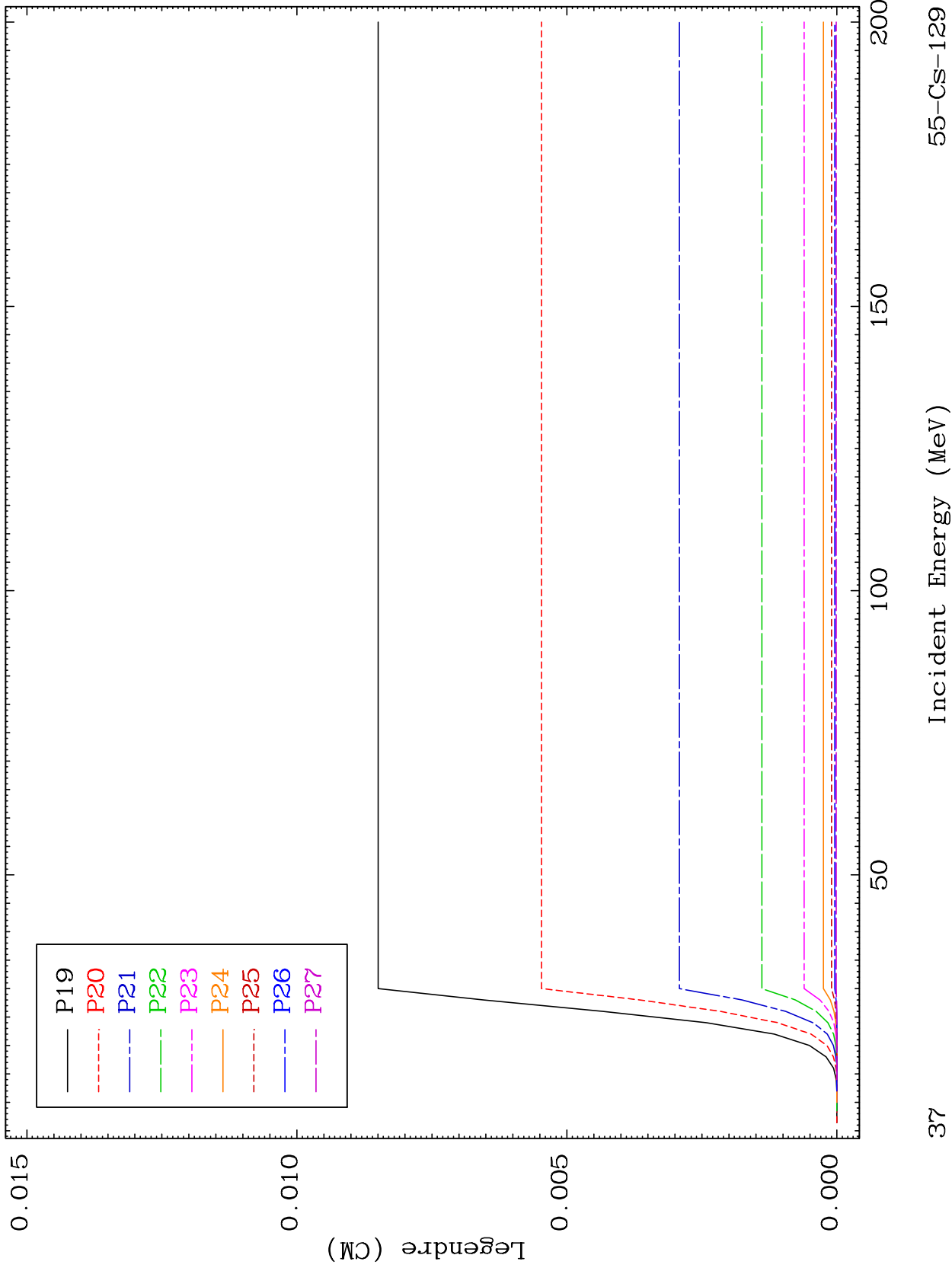
35



MAT 5513

220.7 keV (n,n') Level
Legendre Coefficients

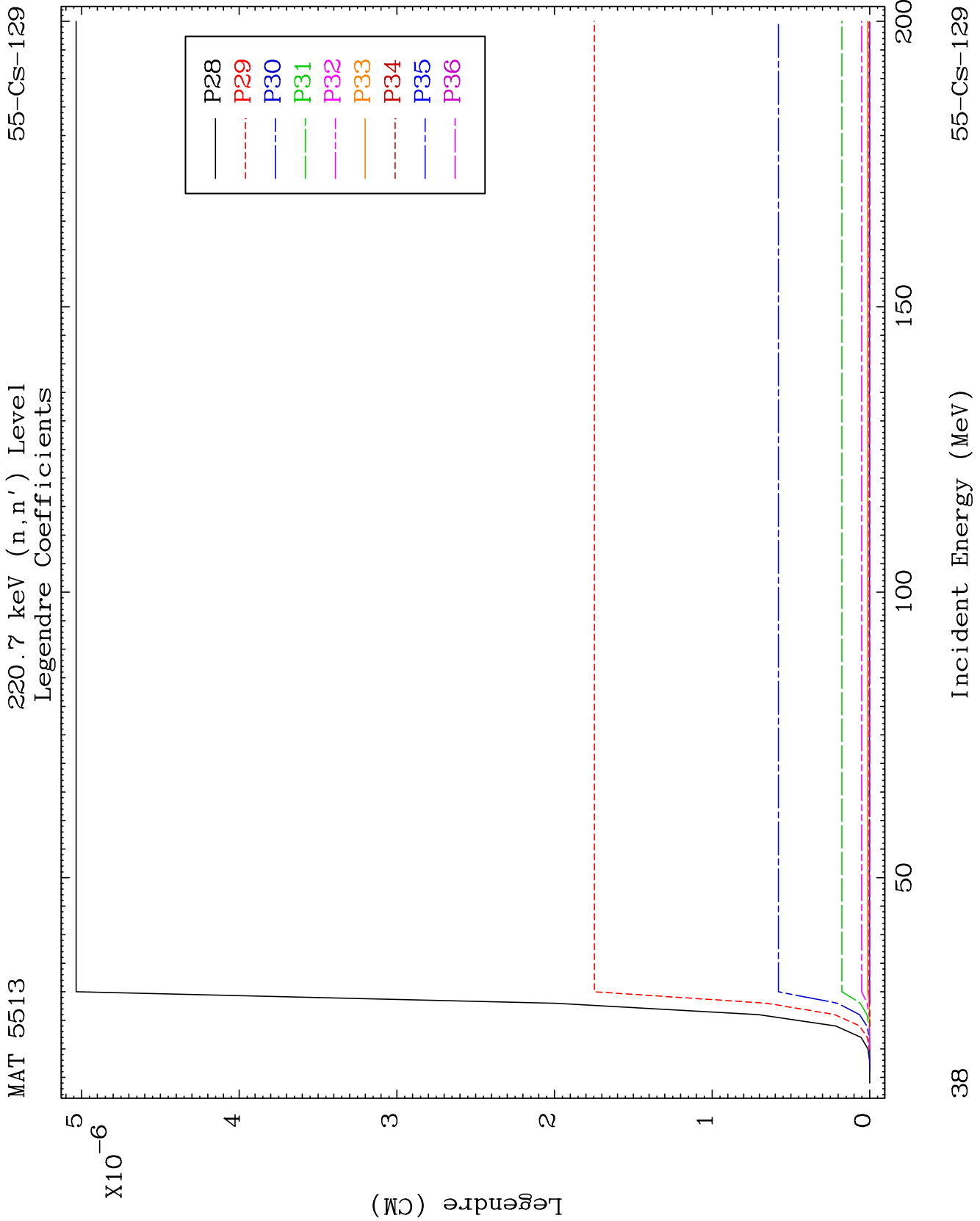
55-Cs-129



37

Incident Energy (MeV)

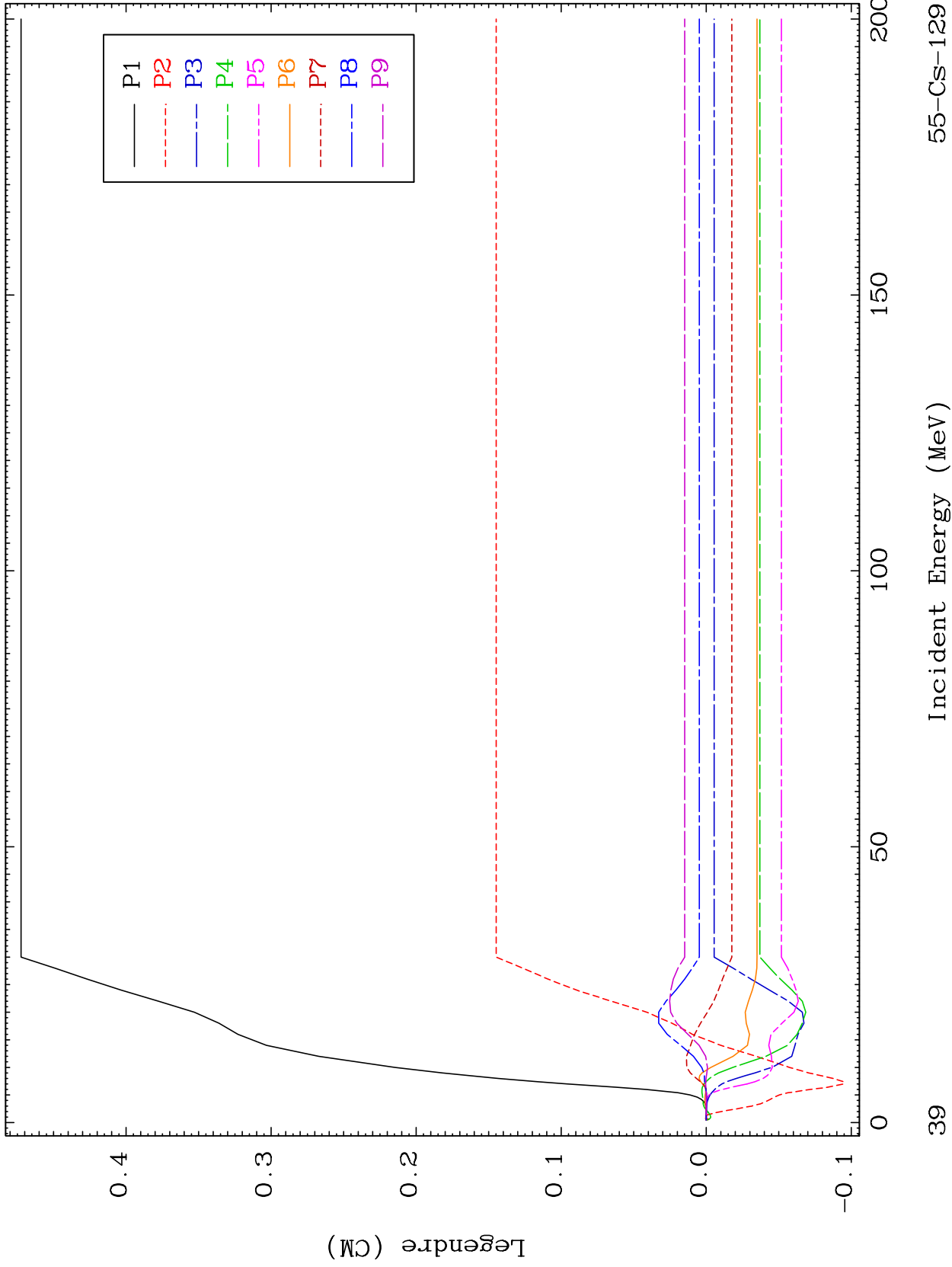
55-Cs-129



MAT 5513

426.5 keV (n,n') Level
Legendre Coefficients

55-Cs-129



39

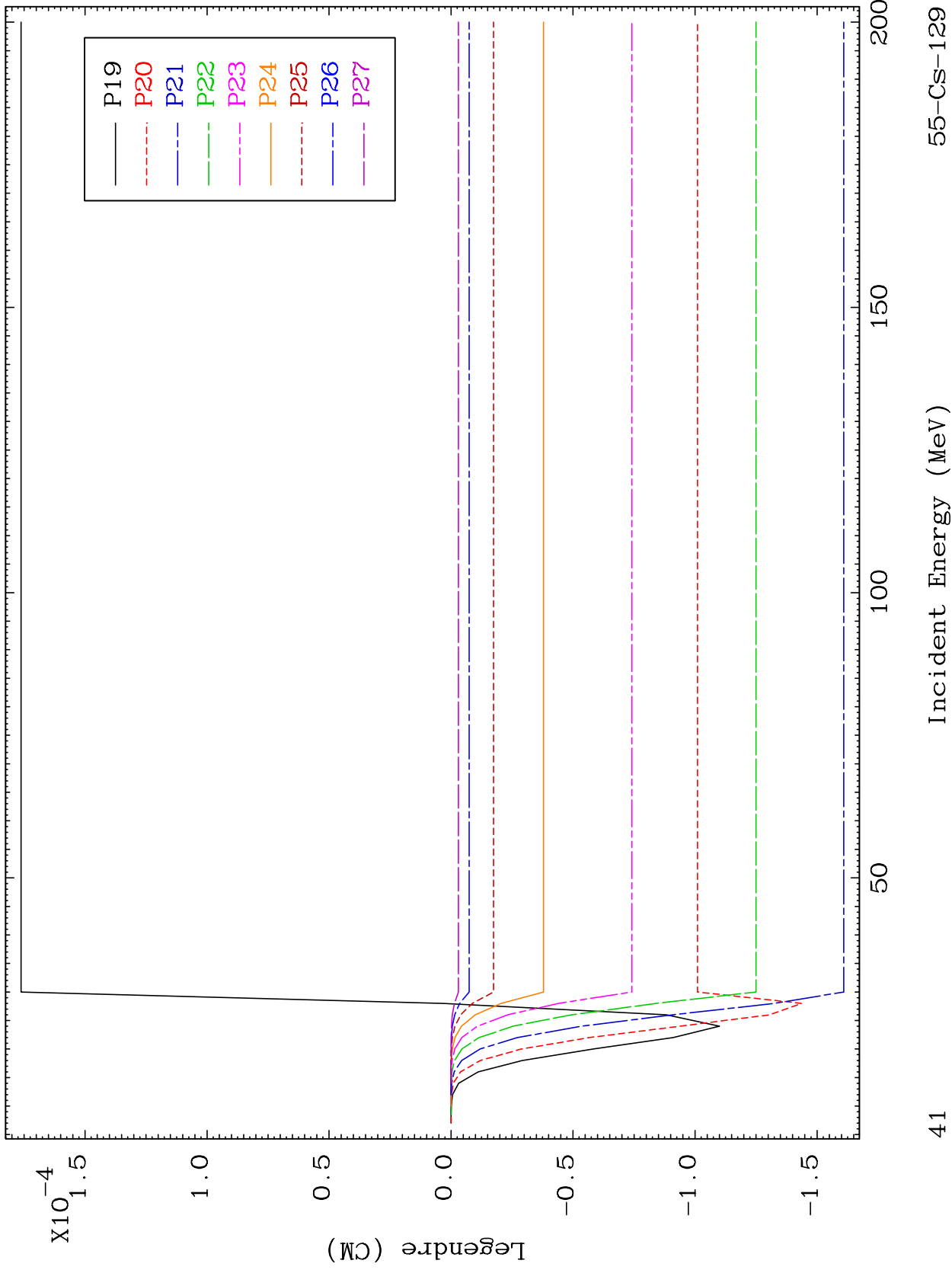
Incident Energy (MeV)

55-Cs-129

MAT 5513

426.5 keV (n,n') Level
Legendre Coefficients

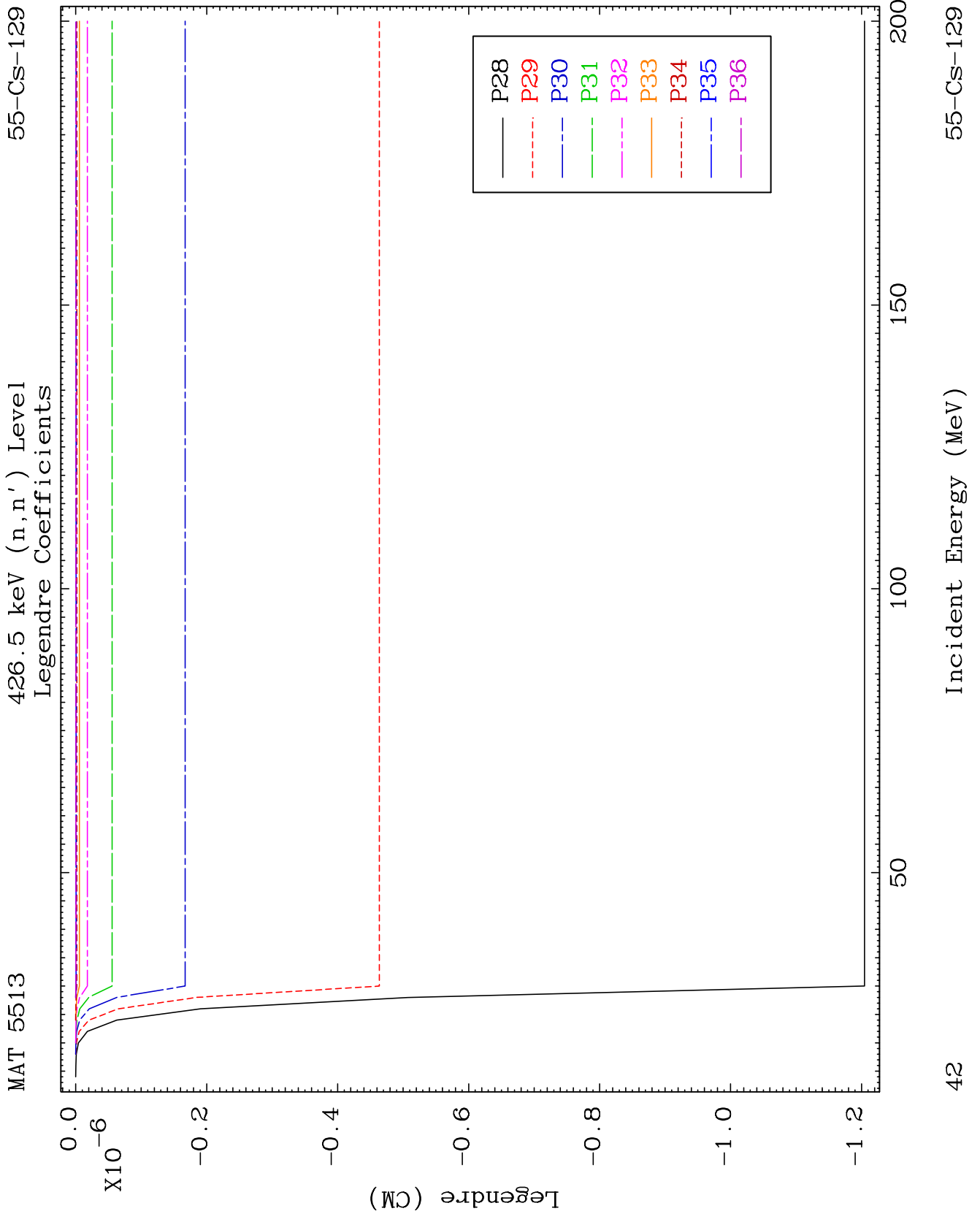
55-Cs-129



41

Incident Energy (MeV)

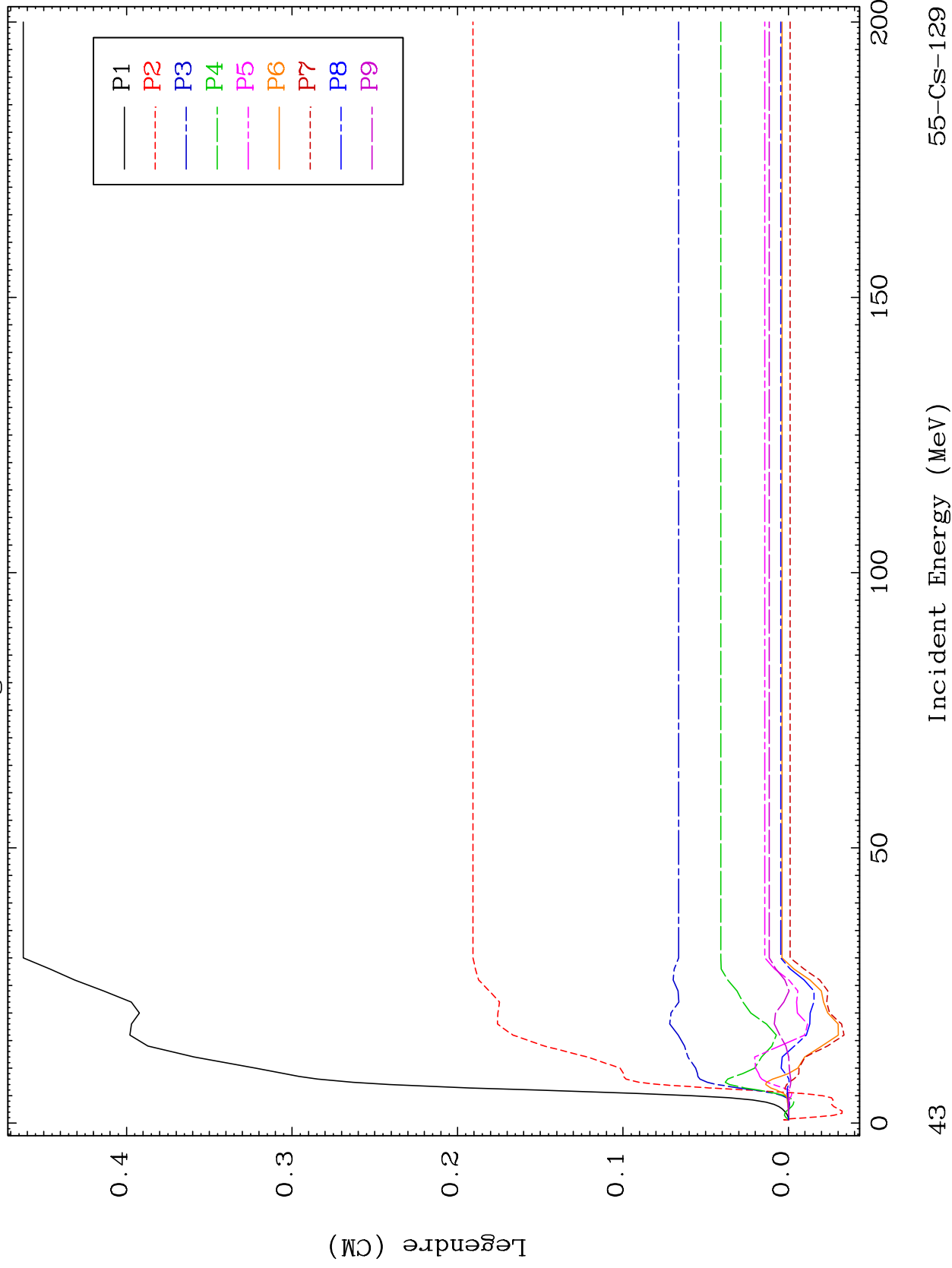
55-Cs-129



MAT 5513

551.6 keV (n,n') Level
Legendre Coefficients

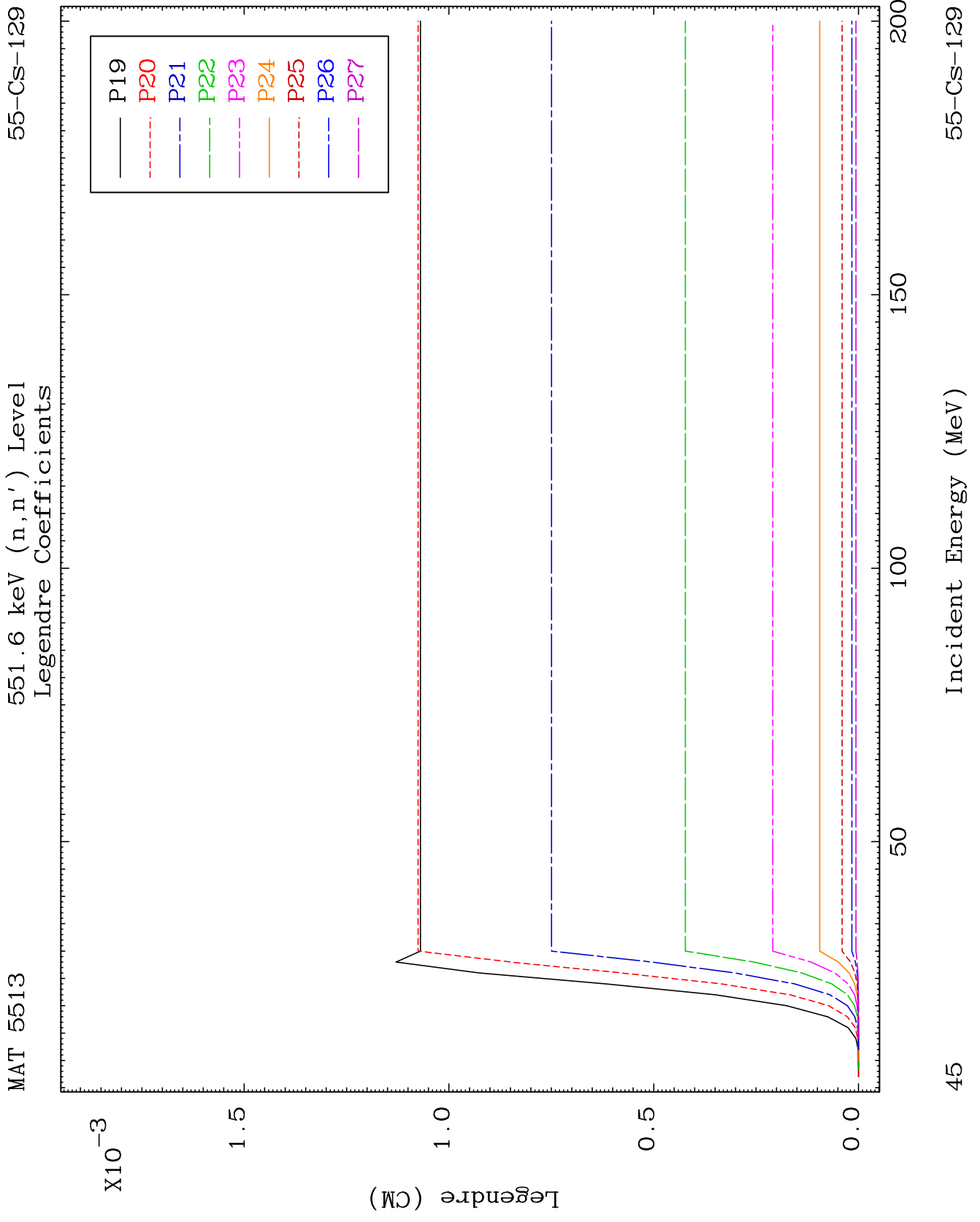
55-Cs-129

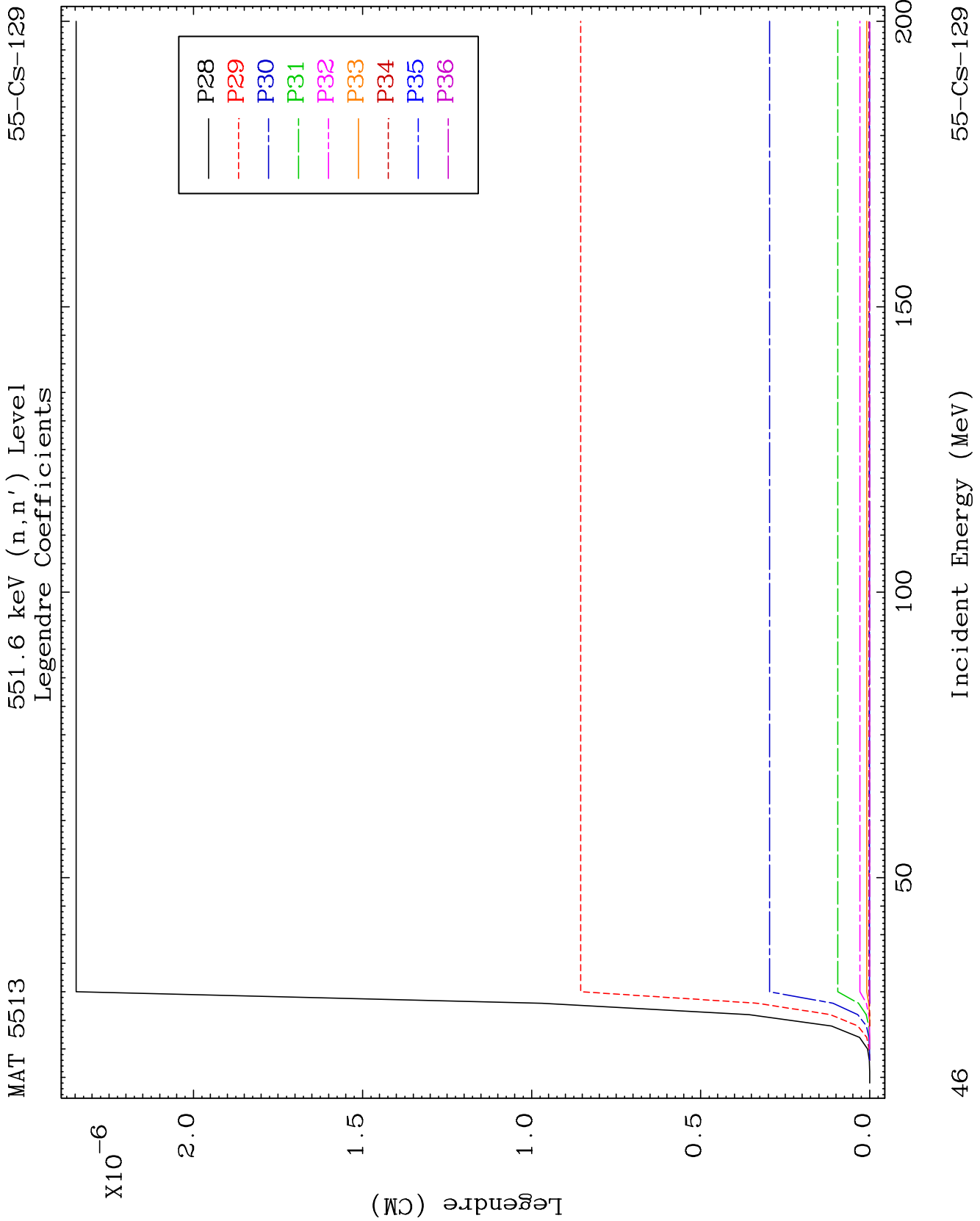


55-Cs-129

Incident Energy (MeV)

43

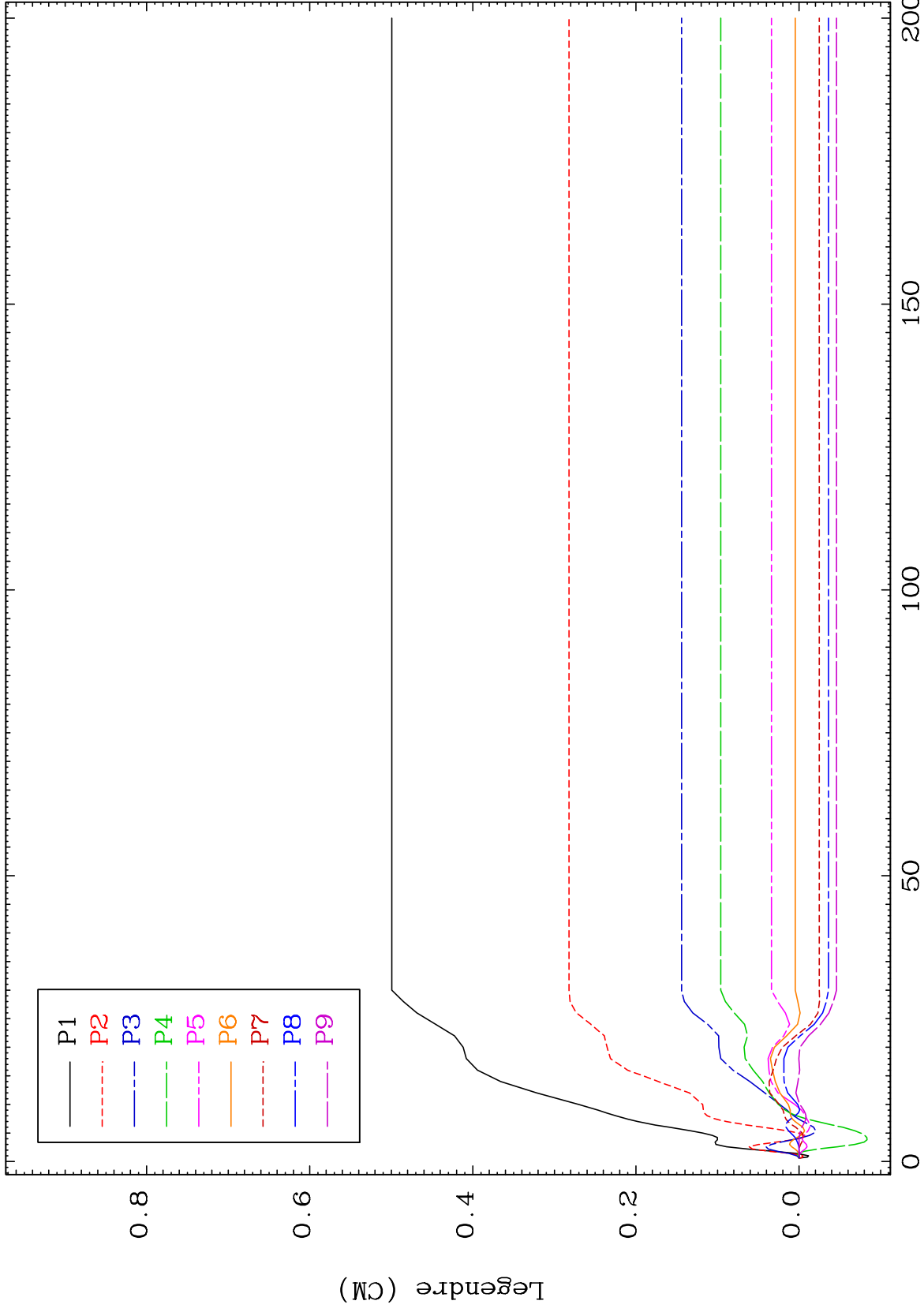




MAT 5513

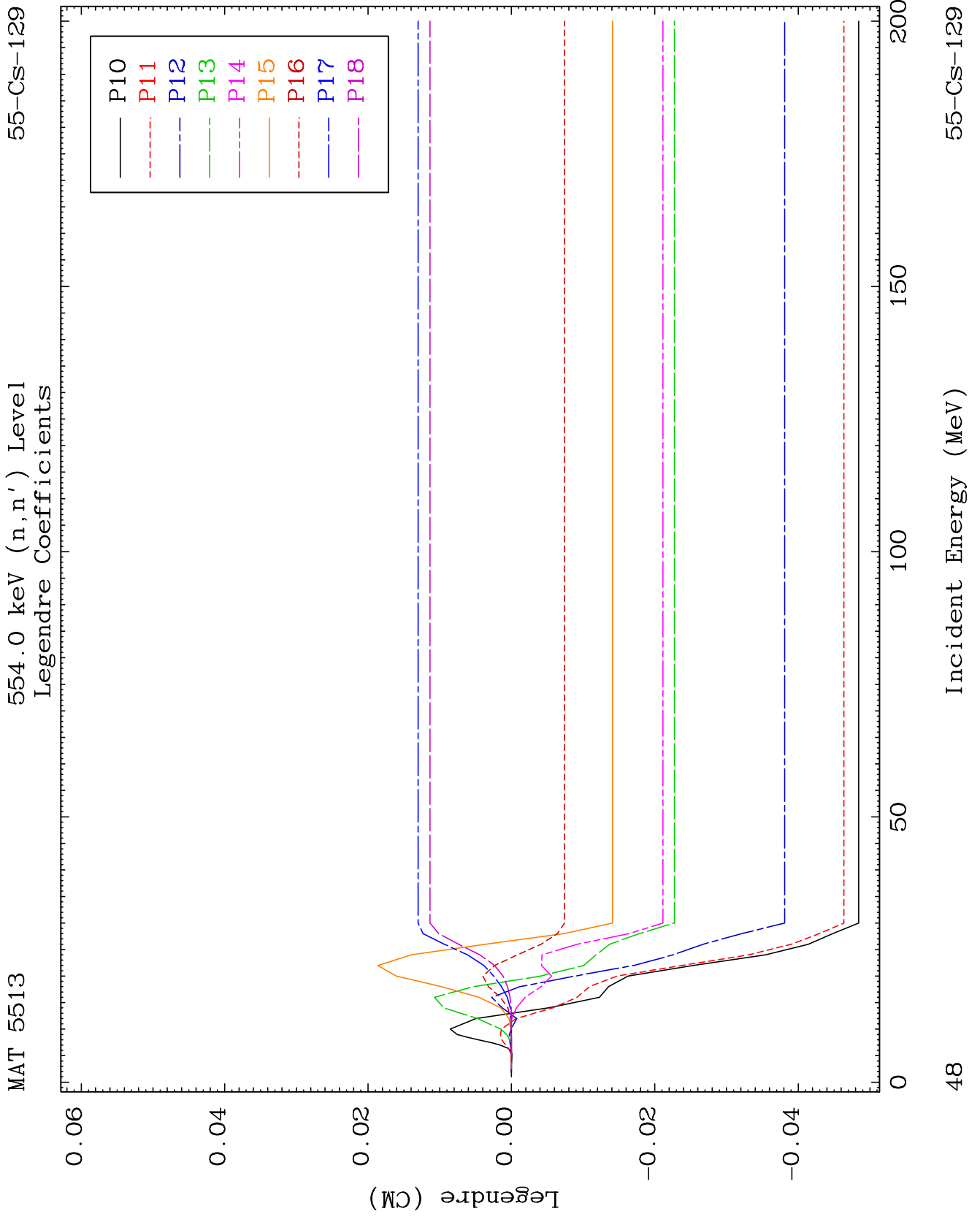
554.0 keV (n,n') Level
Legendre Coefficients

55-Cs-129



47

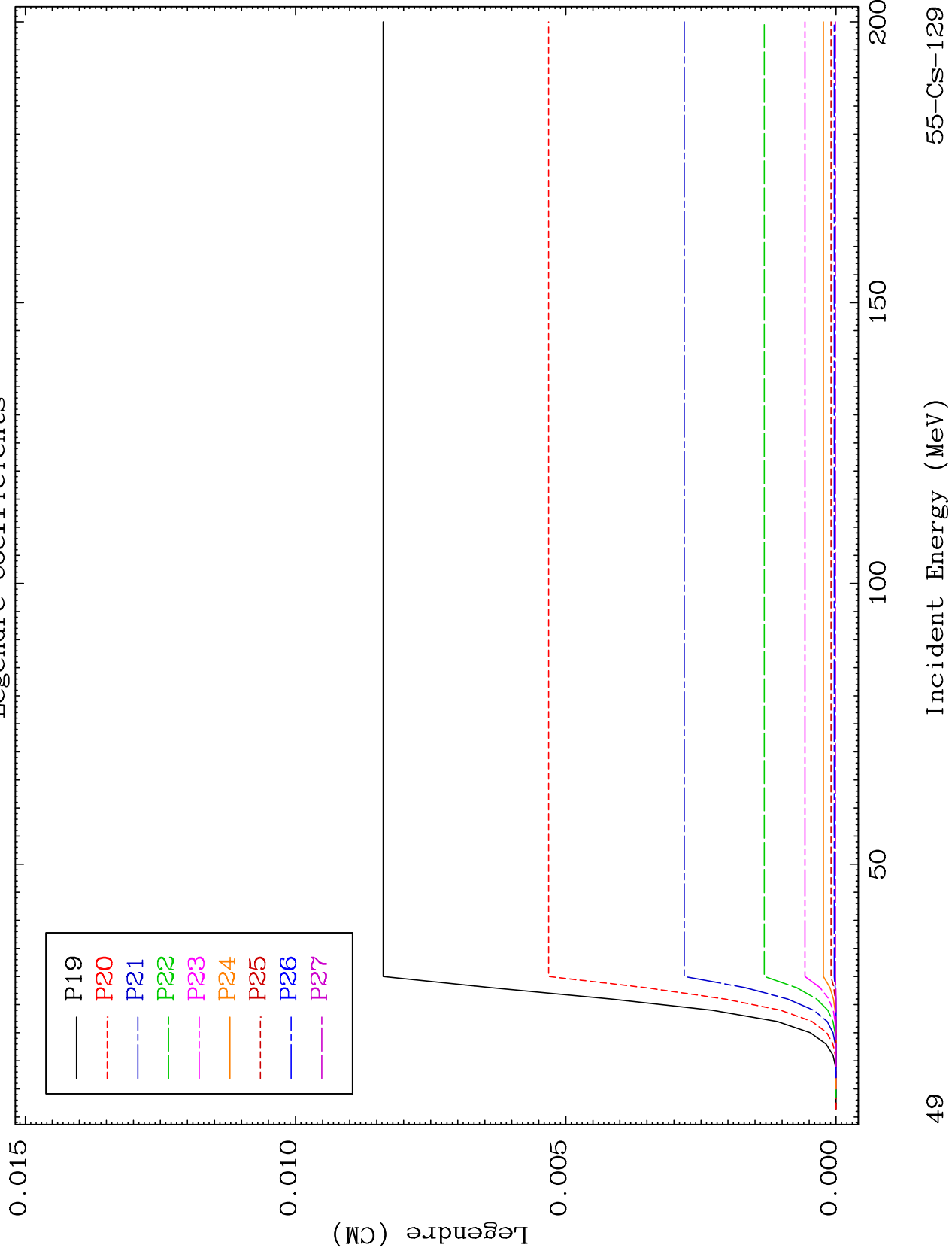
55-Cs-129



MAT 5513

554.0 keV (n,n') Level
Legendre Coefficients

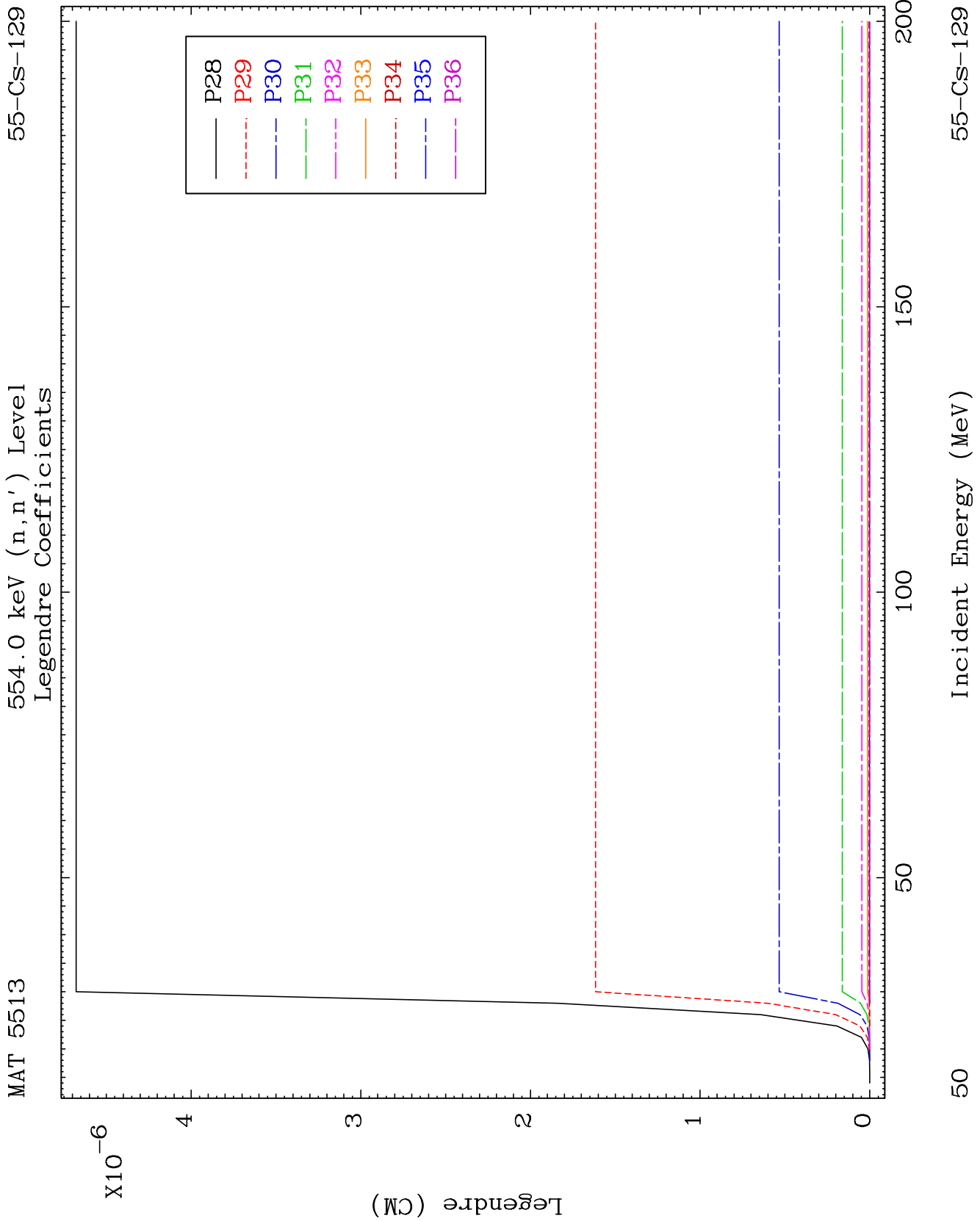
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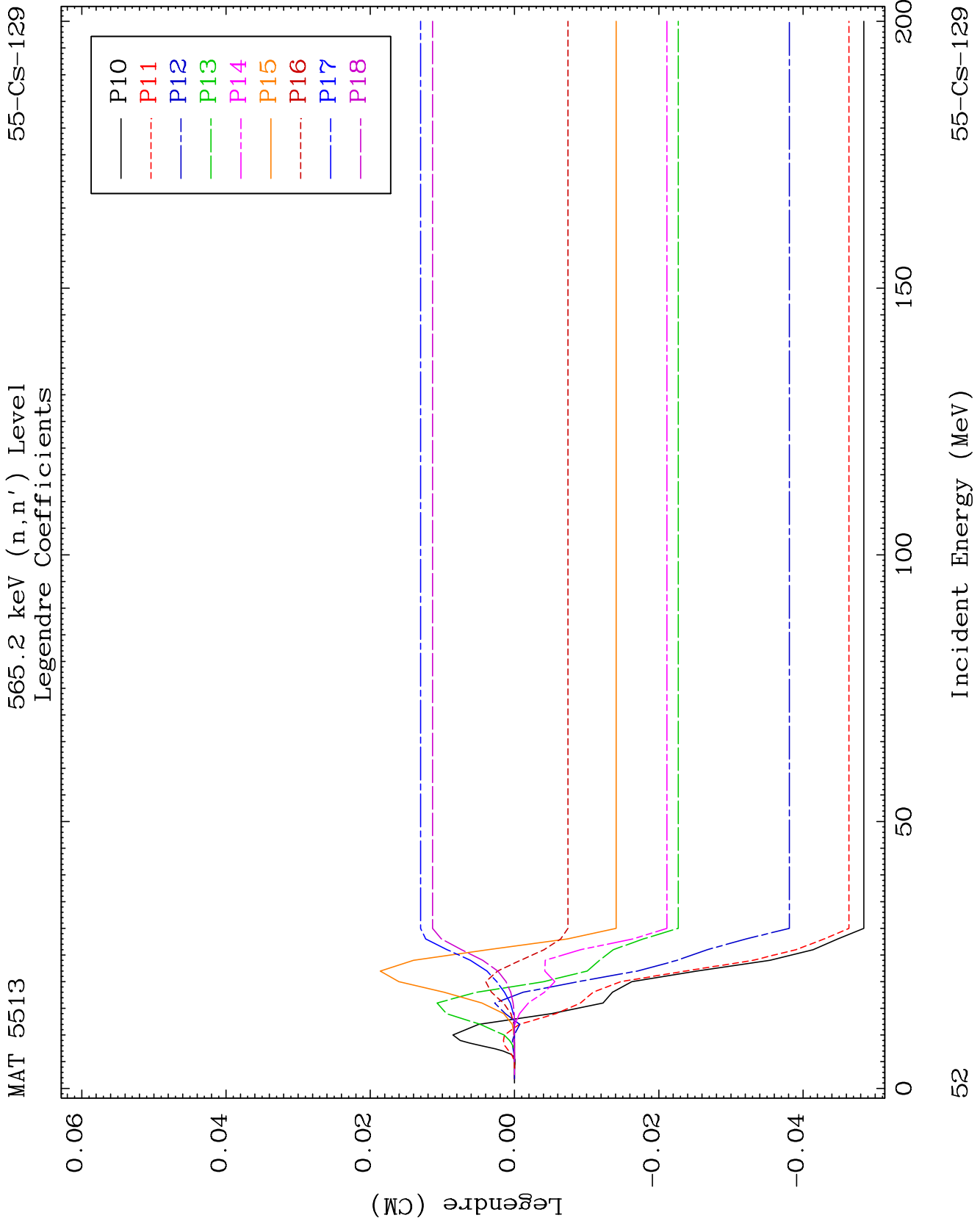


49

Incident Energy (MeV)

55-Cs-129

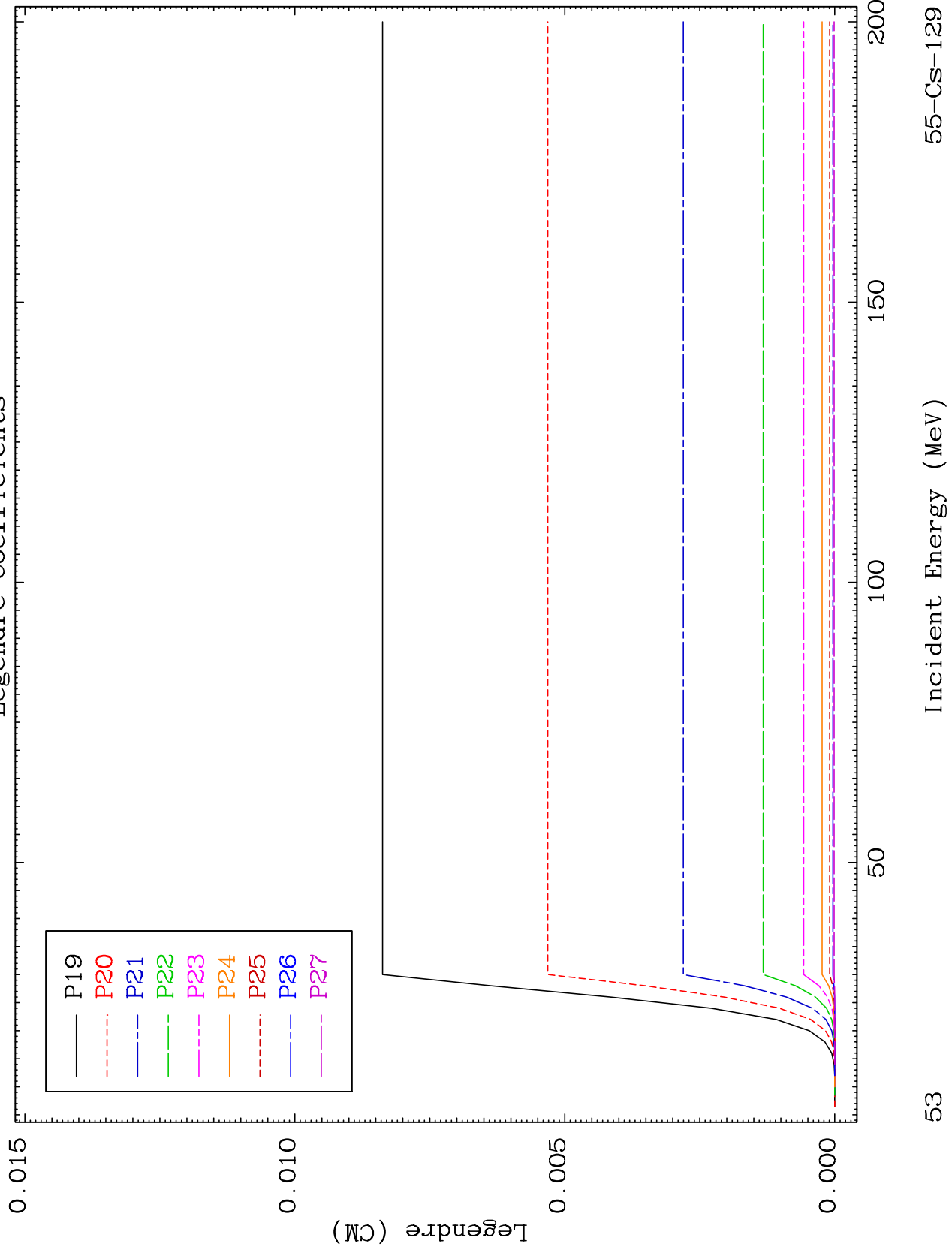




MAT 5513

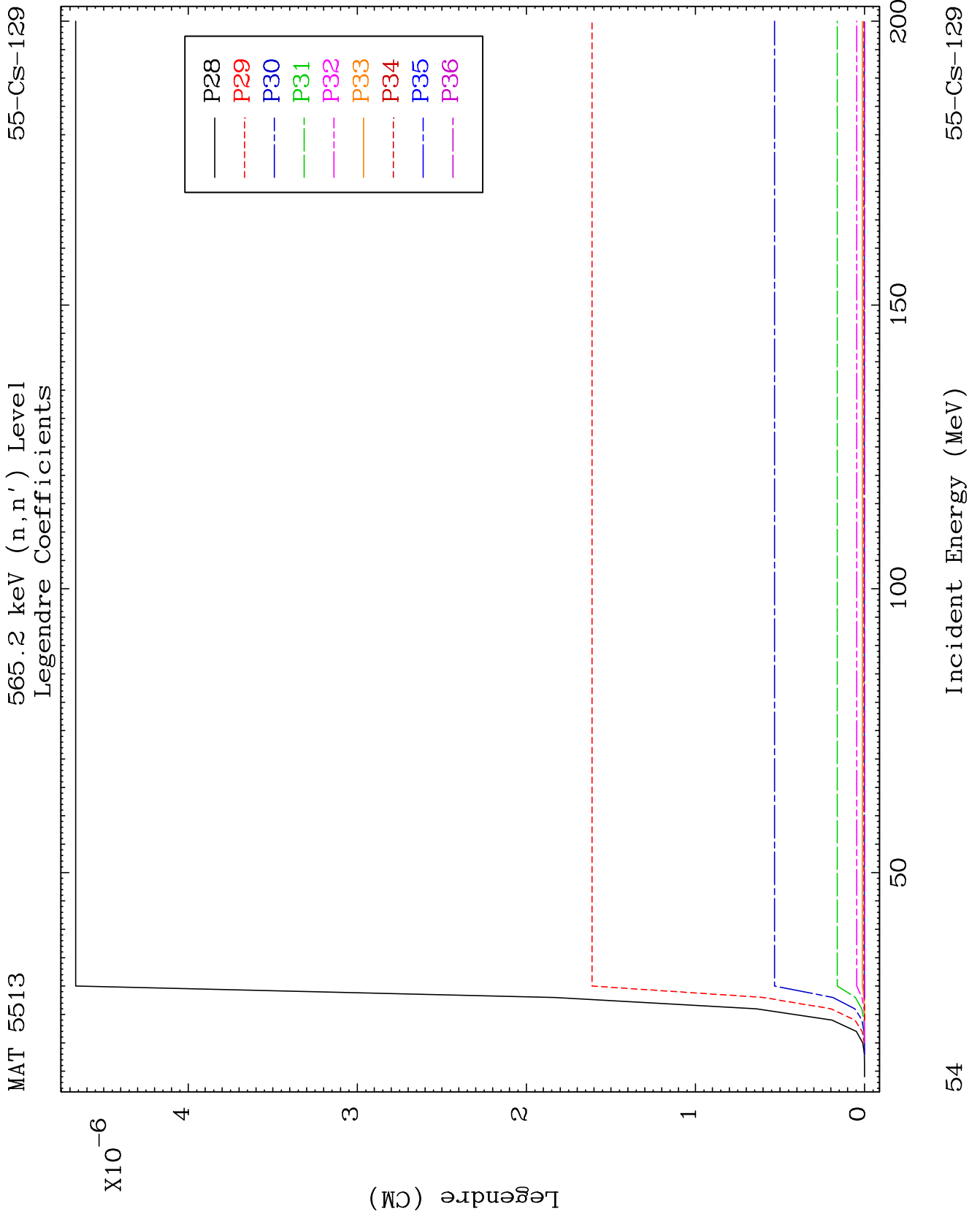
565.2 keV (n,n') Level
Legendre Coefficients

55-Cs-129



53

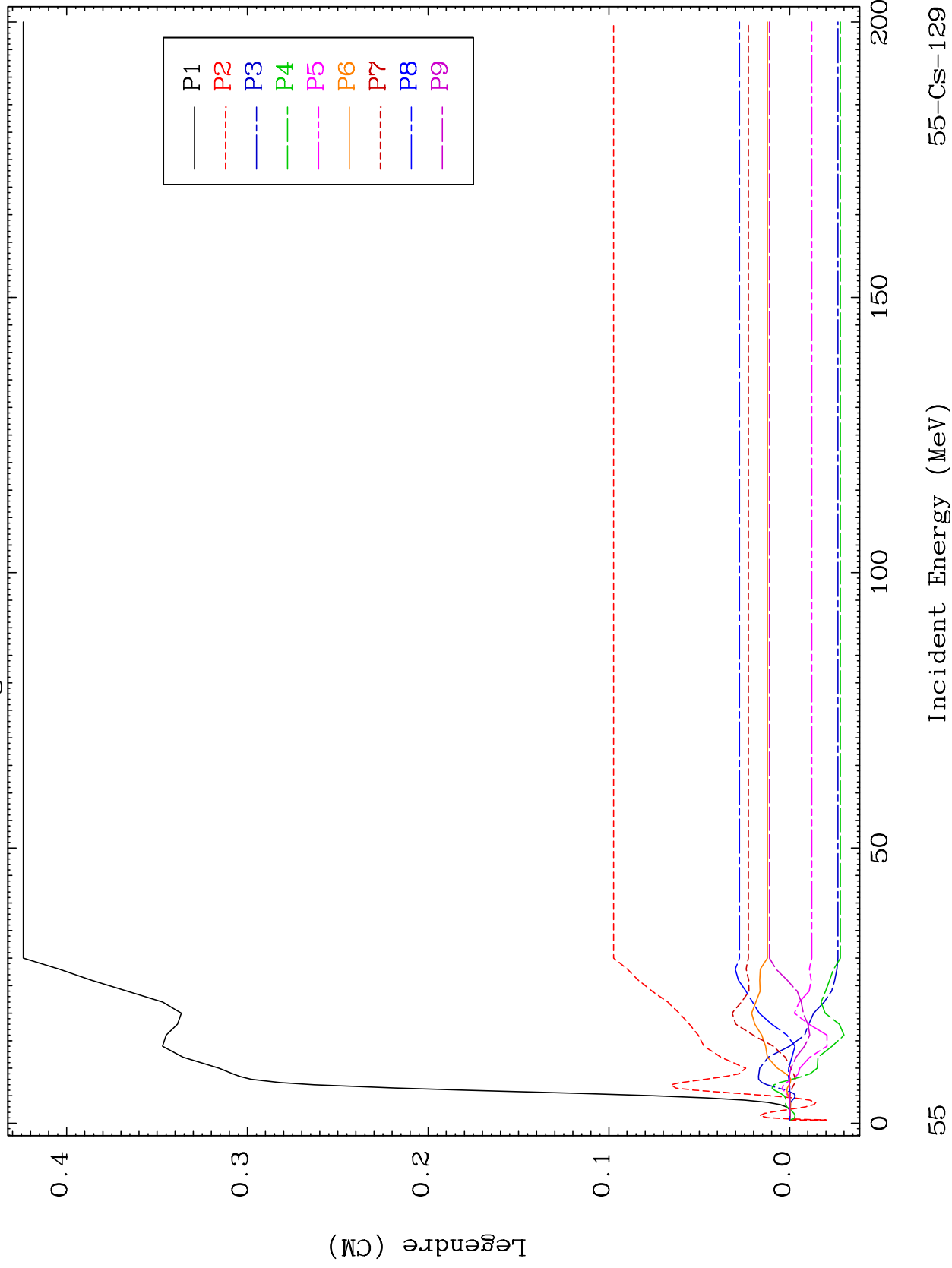
55-Cs-129



MAT 5513

575.4 keV (n,n') Level
Legendre Coefficients

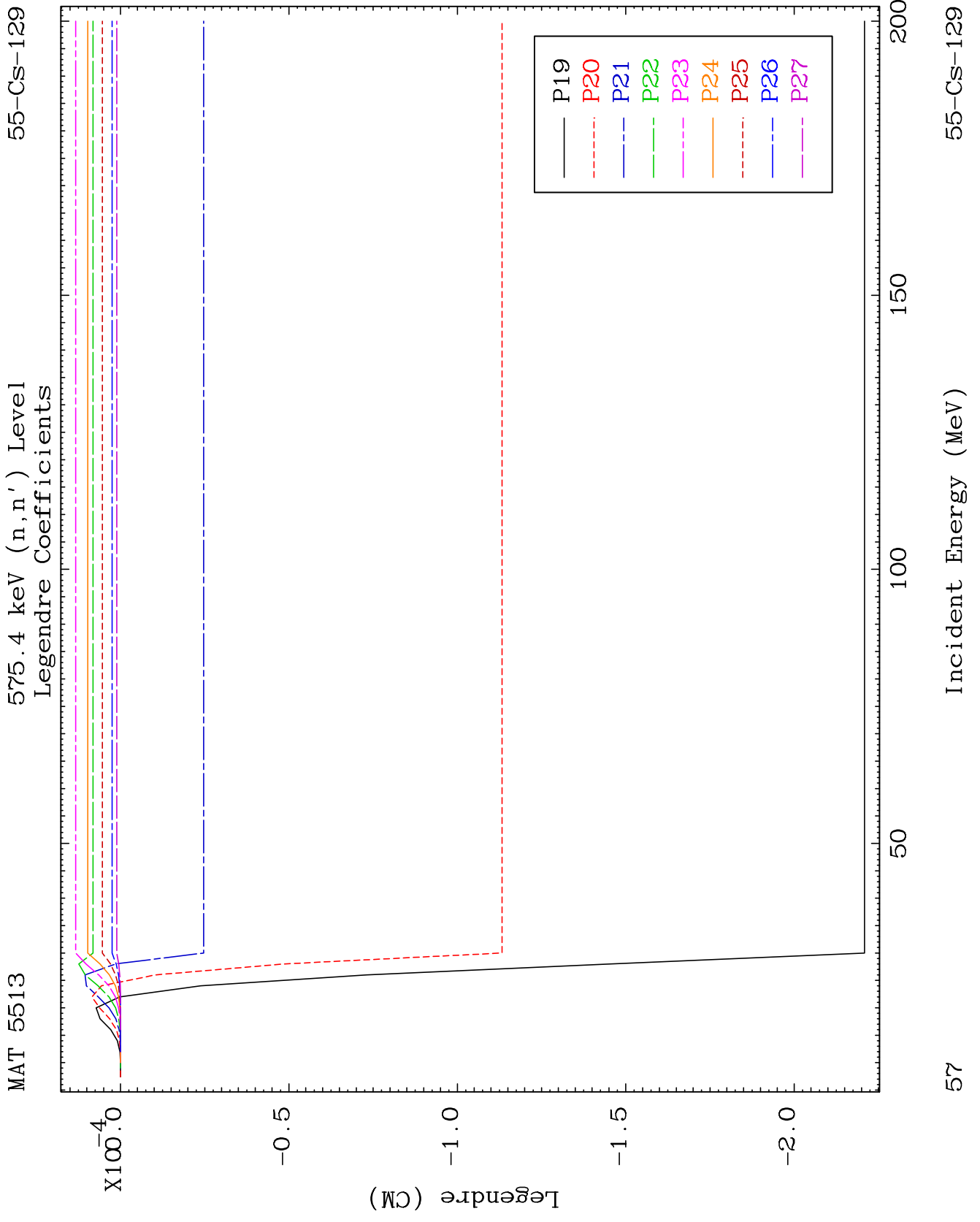
55-Cs-129

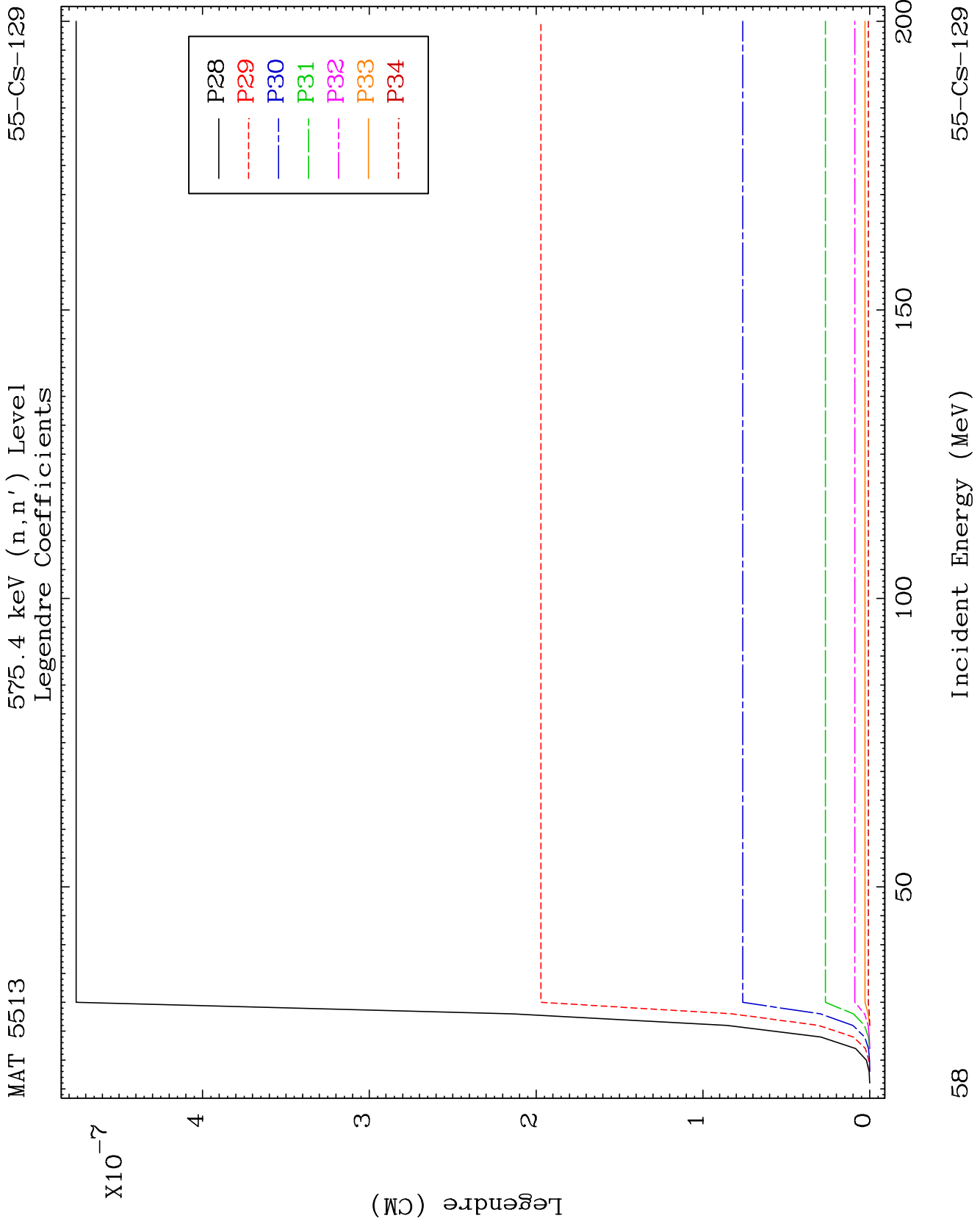


55-Cs-129

Incident Energy (MeV)

55

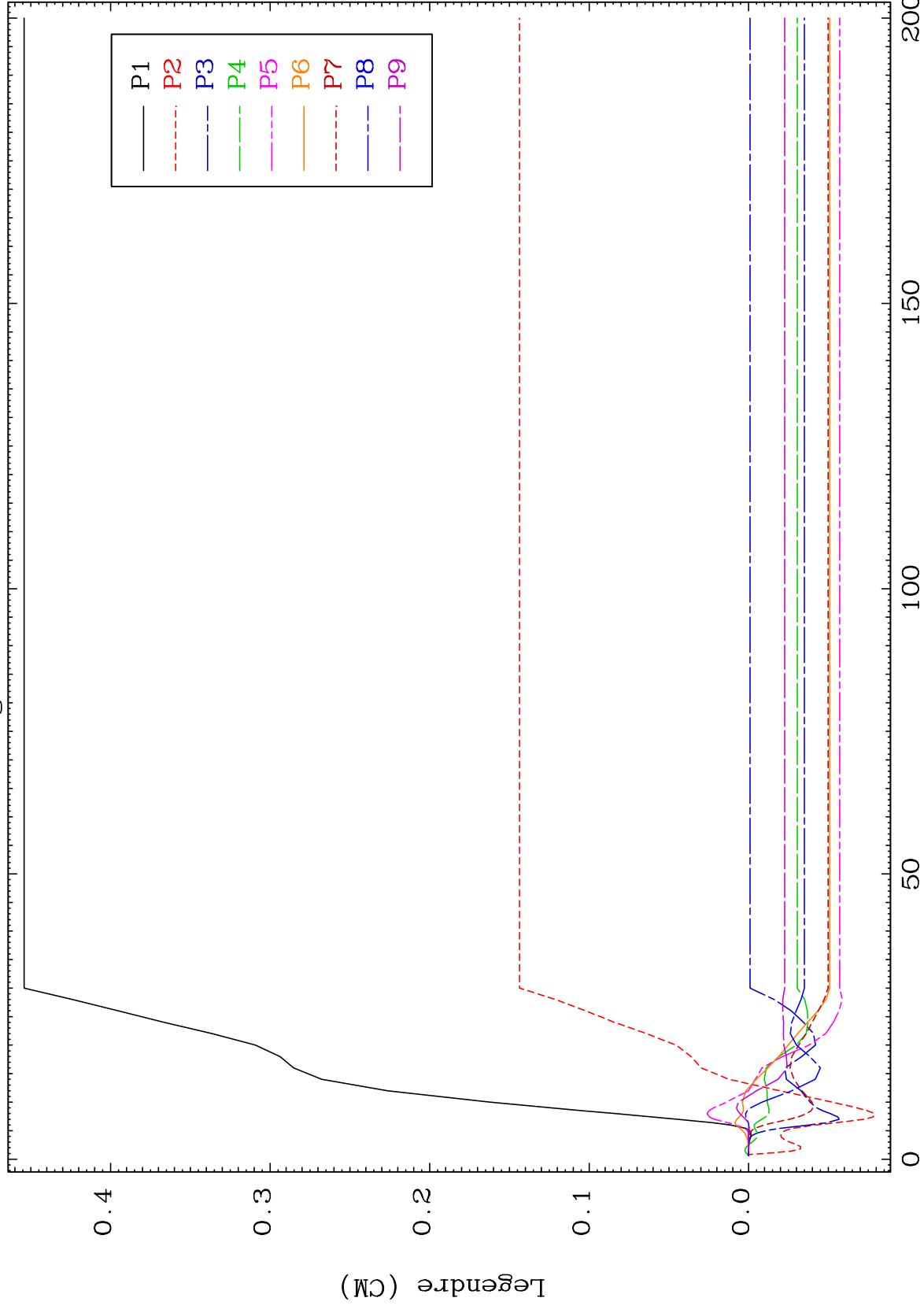




MAT 5513

603.4 keV (n,n') Level
Legendre Coefficients

55-Cs-129



55-Cs-129

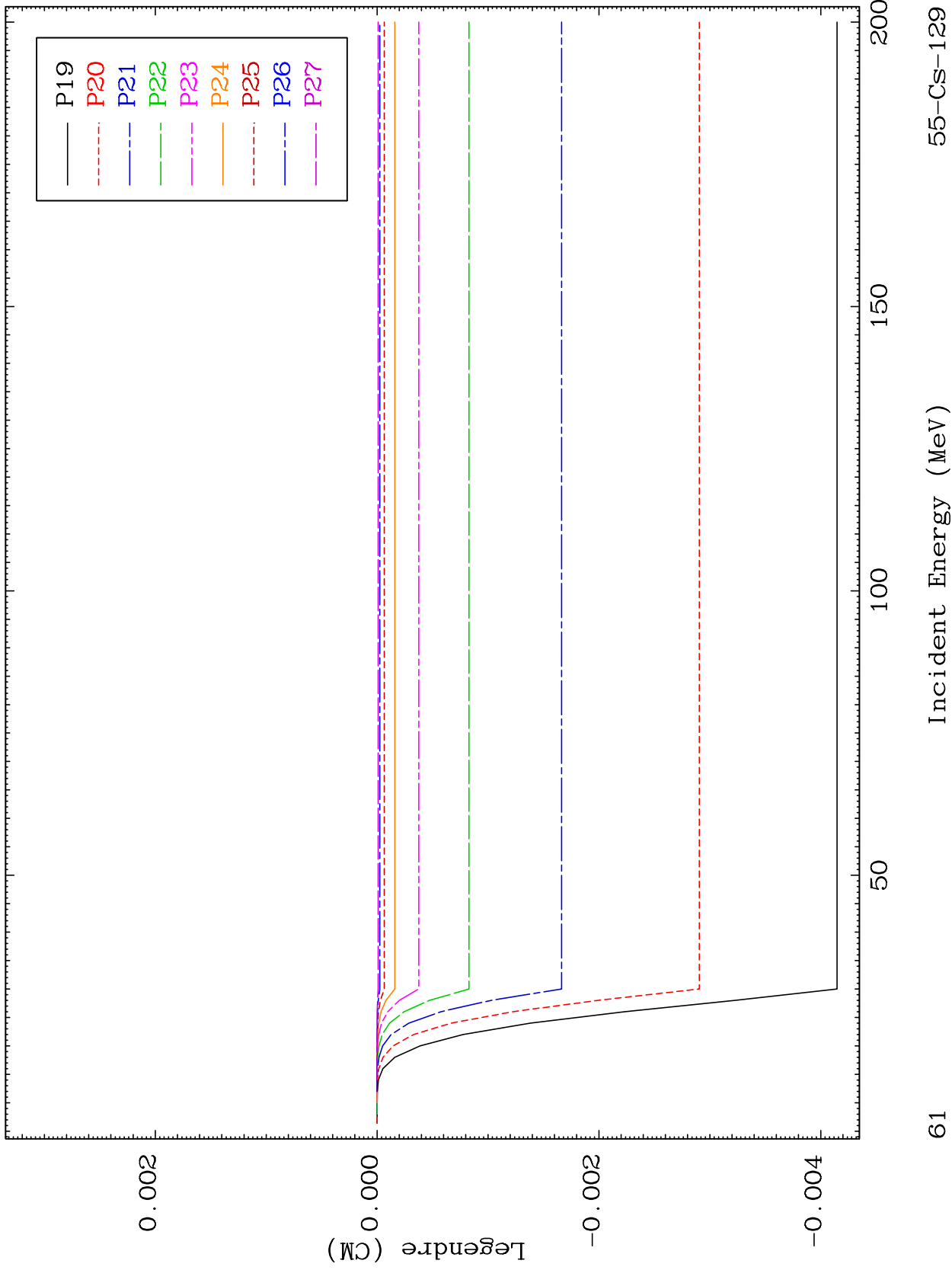
Incident Energy (MeV)

59

MAT 5513

603.4 keV (n,n') Level
Legendre Coefficients

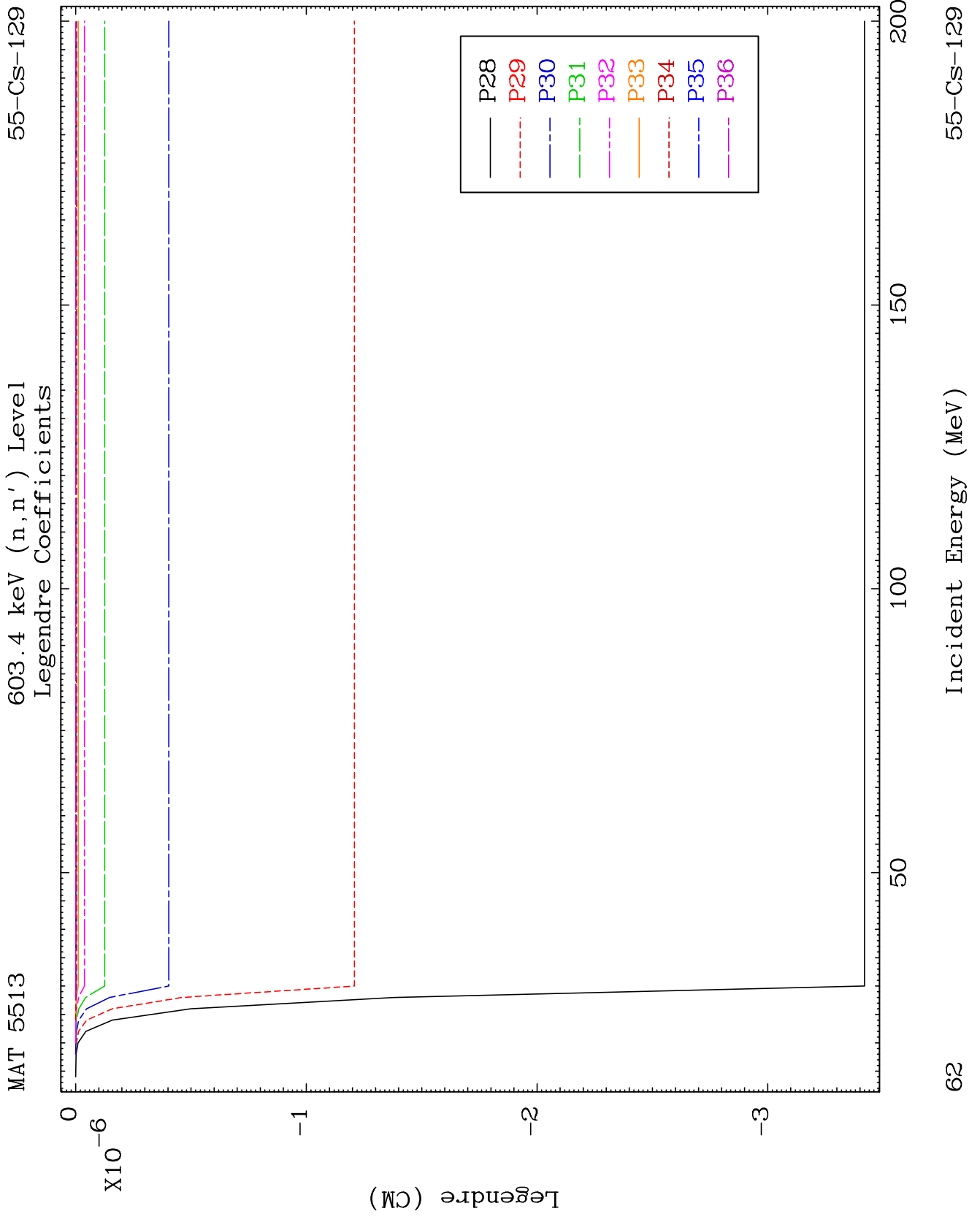
55-Cs-129



61

Incident Energy (MeV)

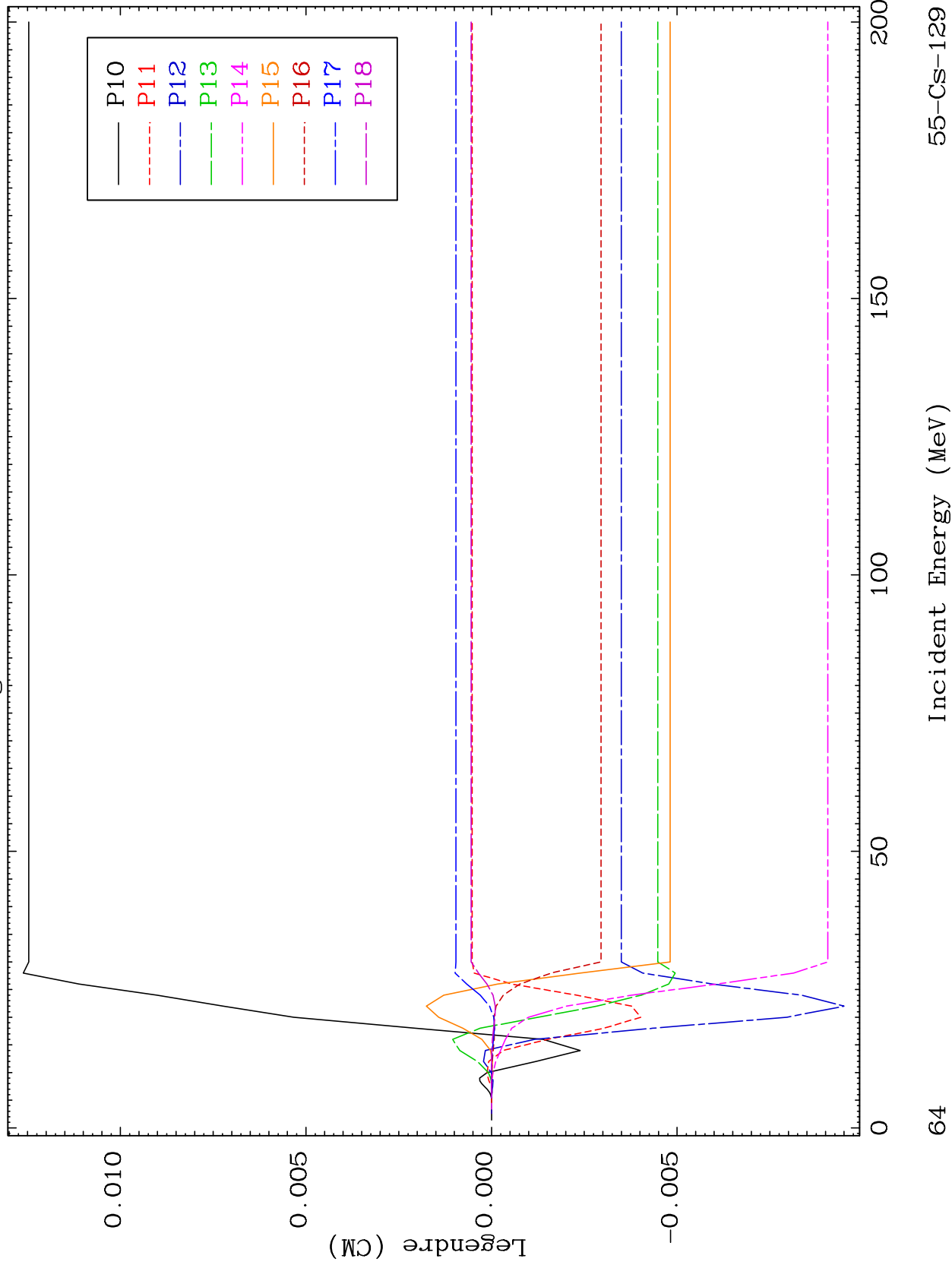
55-Cs-129



MAT 5513

648.4 keV (n,n') Level
Legendre Coefficients

55-Cs-129



55-Cs-129

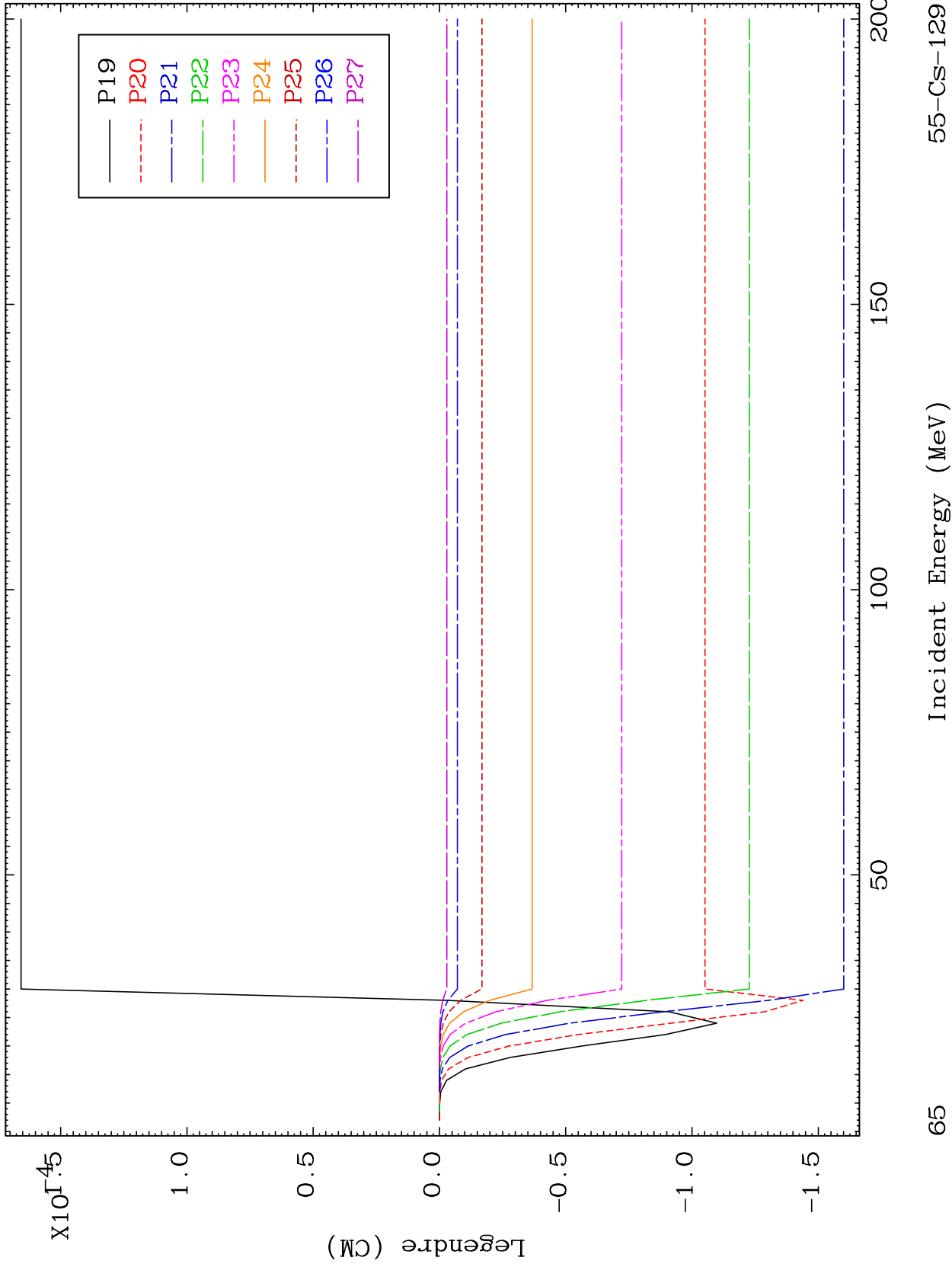
Incident Energy (MeV)

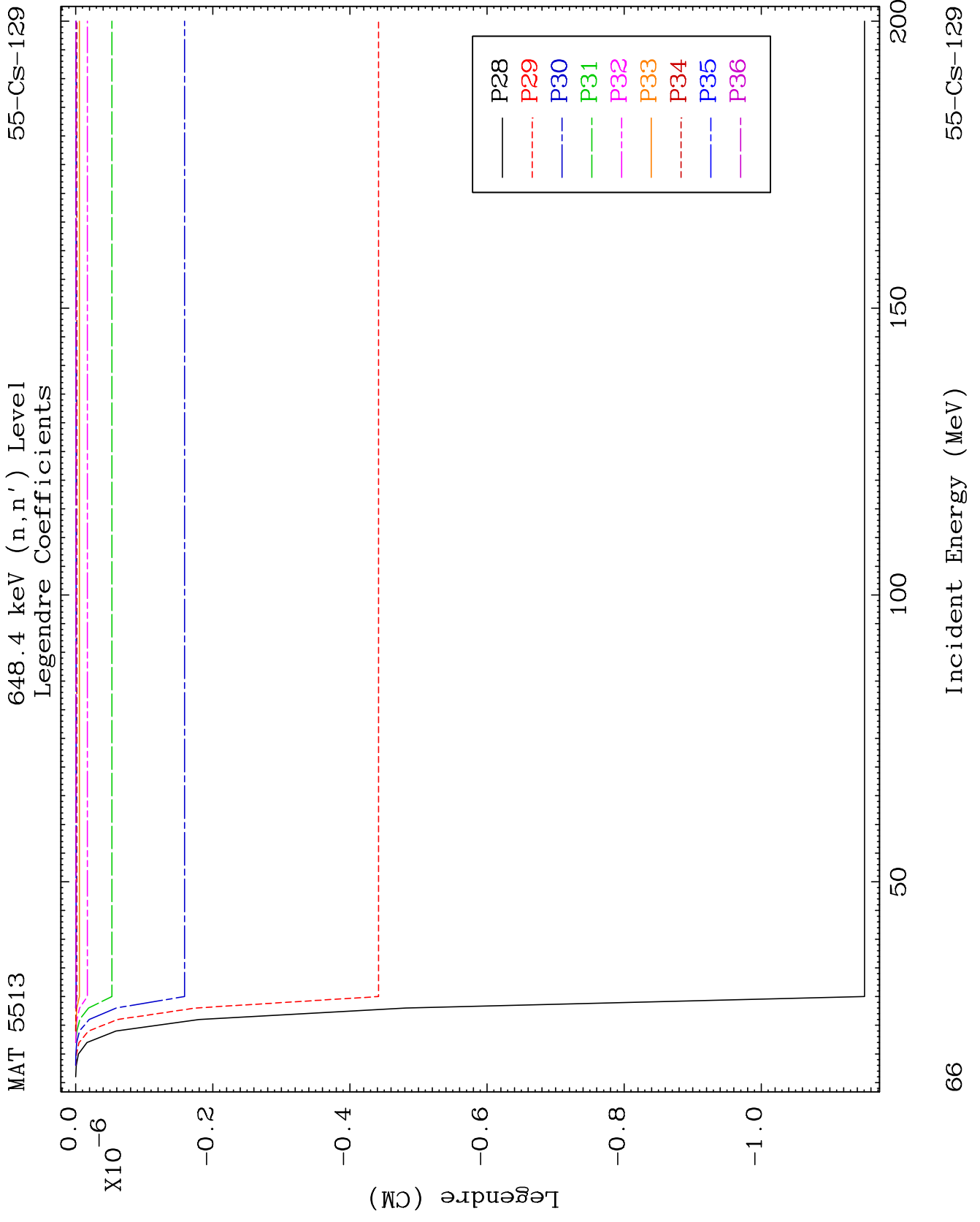
64

MAT 5513

648.4 keV (n,n') Level
Legendre Coefficients

55-Cs-129

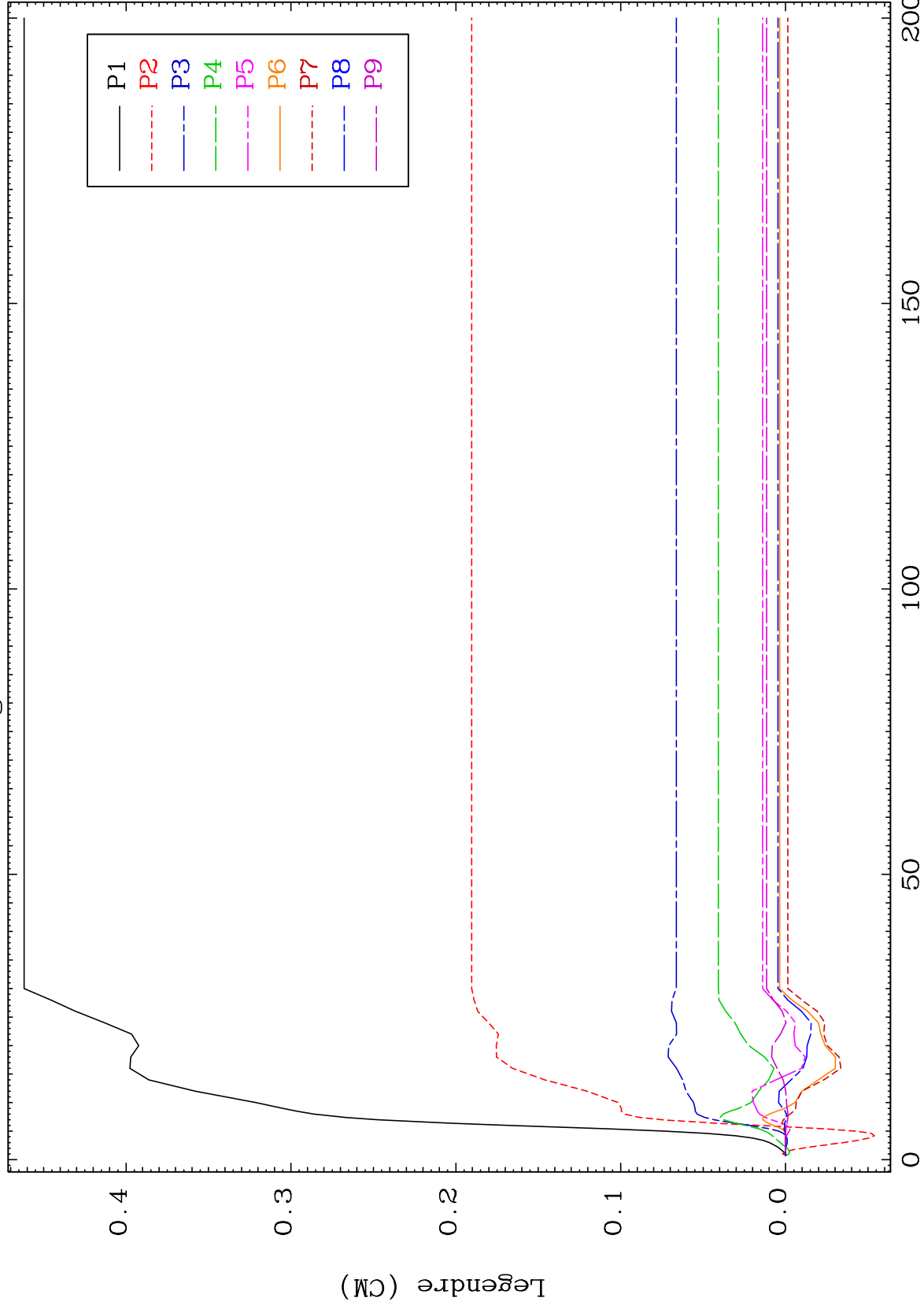




MAT 5513

690.3 keV (n,n') Level
Legendre Coefficients

55-Cs-129



55-Cs-129

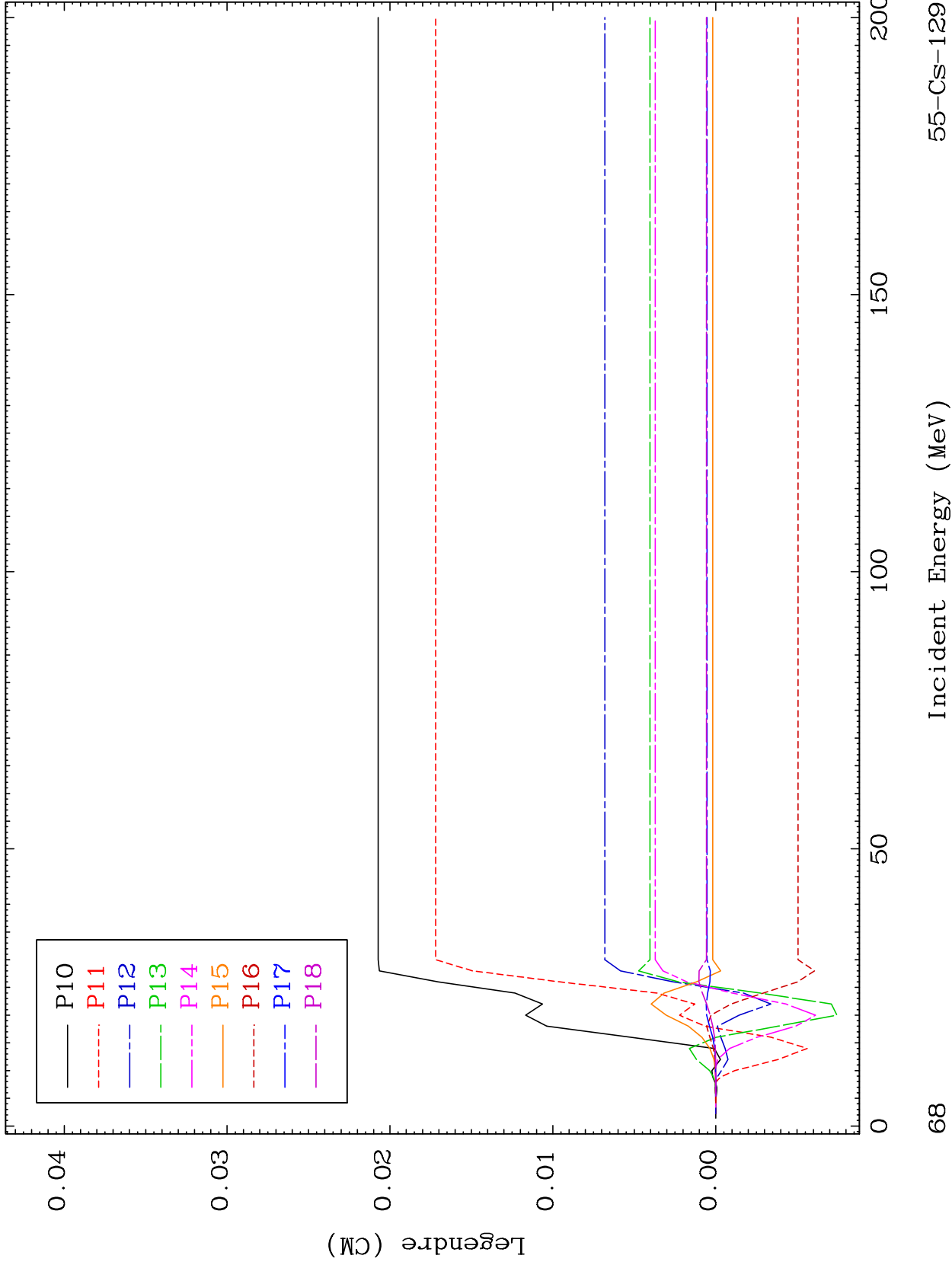
Incident Energy (MeV)

67

MAT 5513

690.3 keV (n,n') Level
Legendre Coefficients

55-Cs-129



55-Cs-129

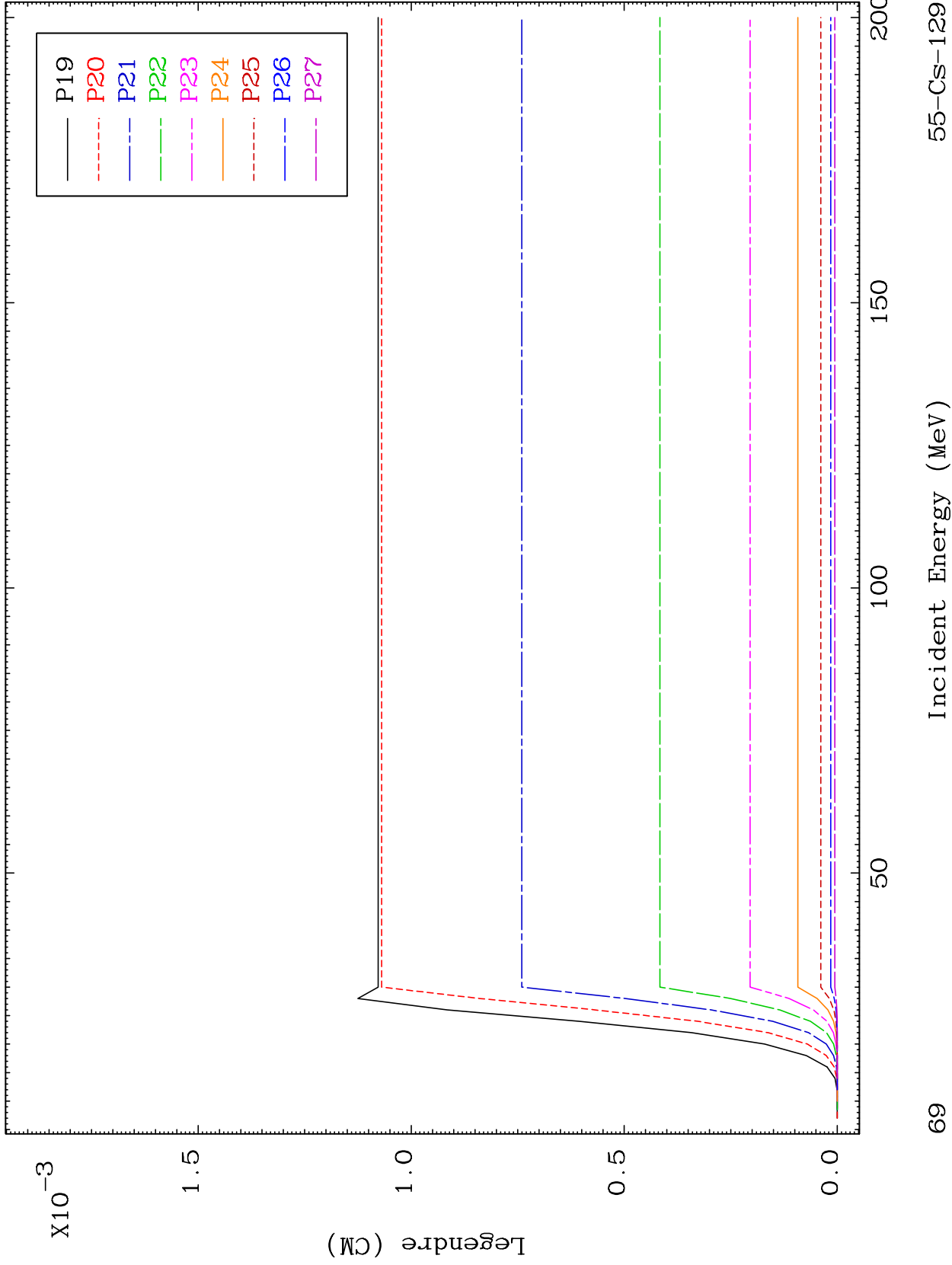
Incident Energy (MeV)

68

MAT 5513

690.3 keV (n,n') Level
Legendre Coefficients

55-Cs-129



69

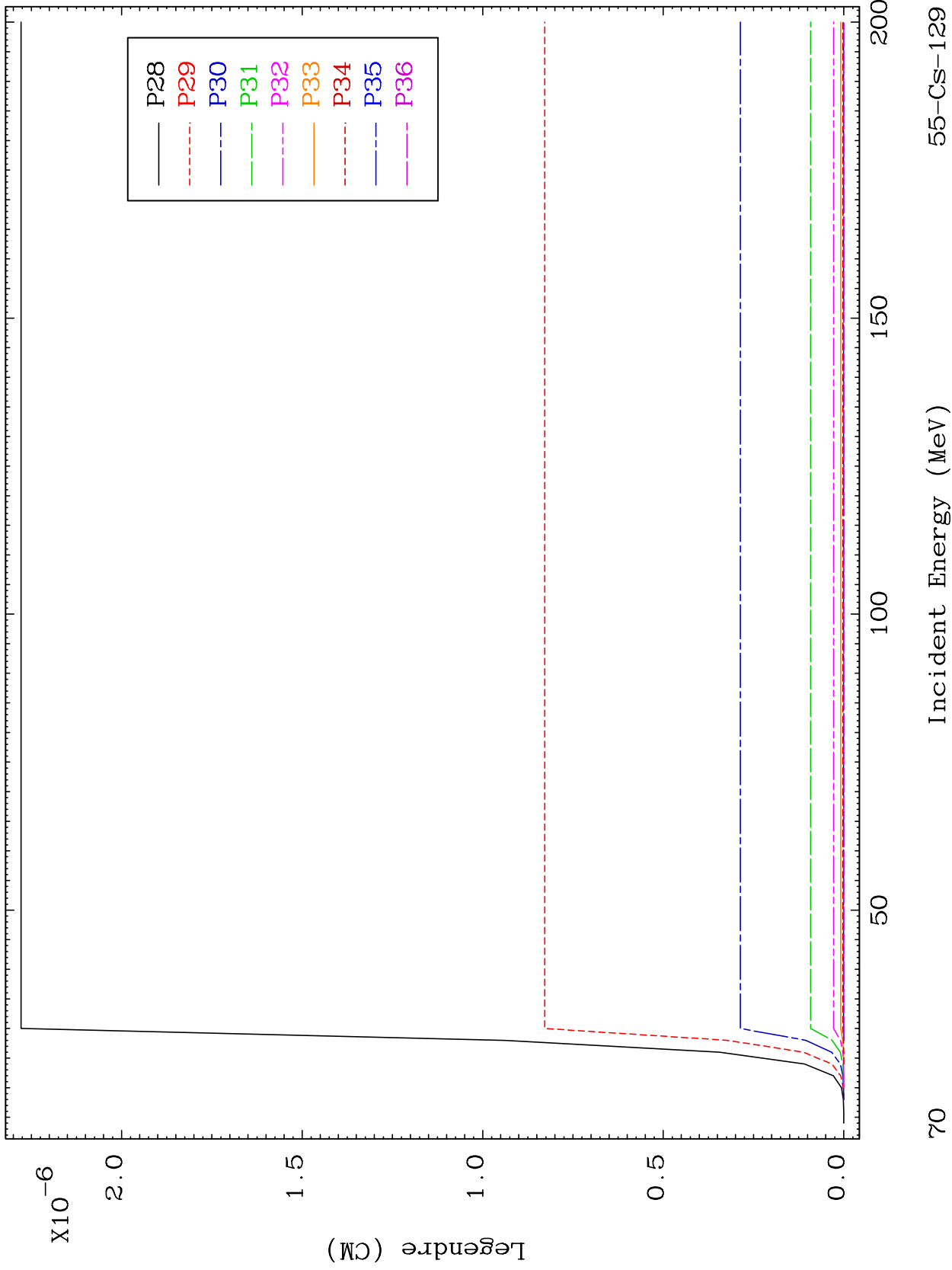
Incident Energy (MeV)

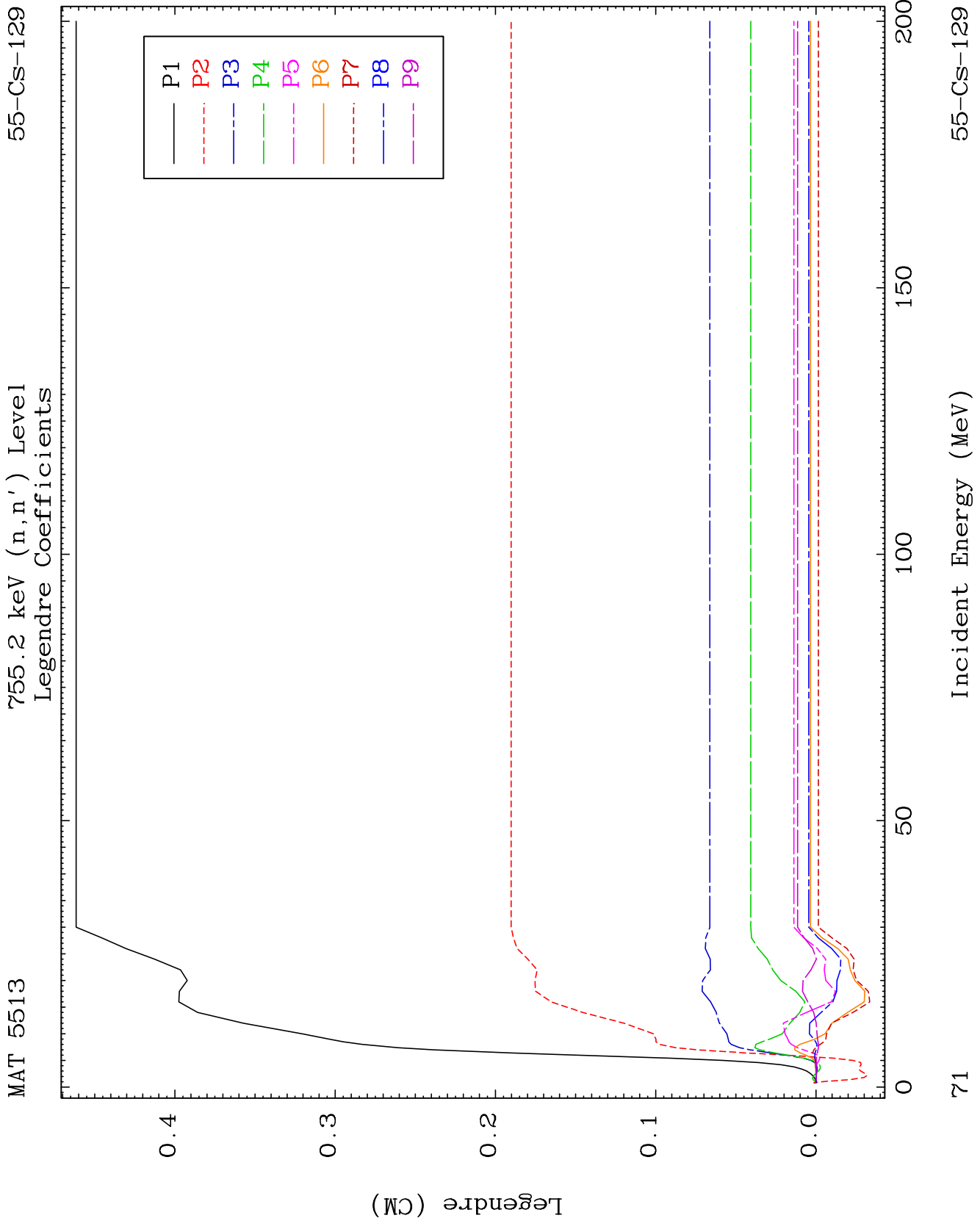
55-Cs-129

MAT 5513

690.3 keV (n,n') Level
Legendre Coefficients

55-Cs-129

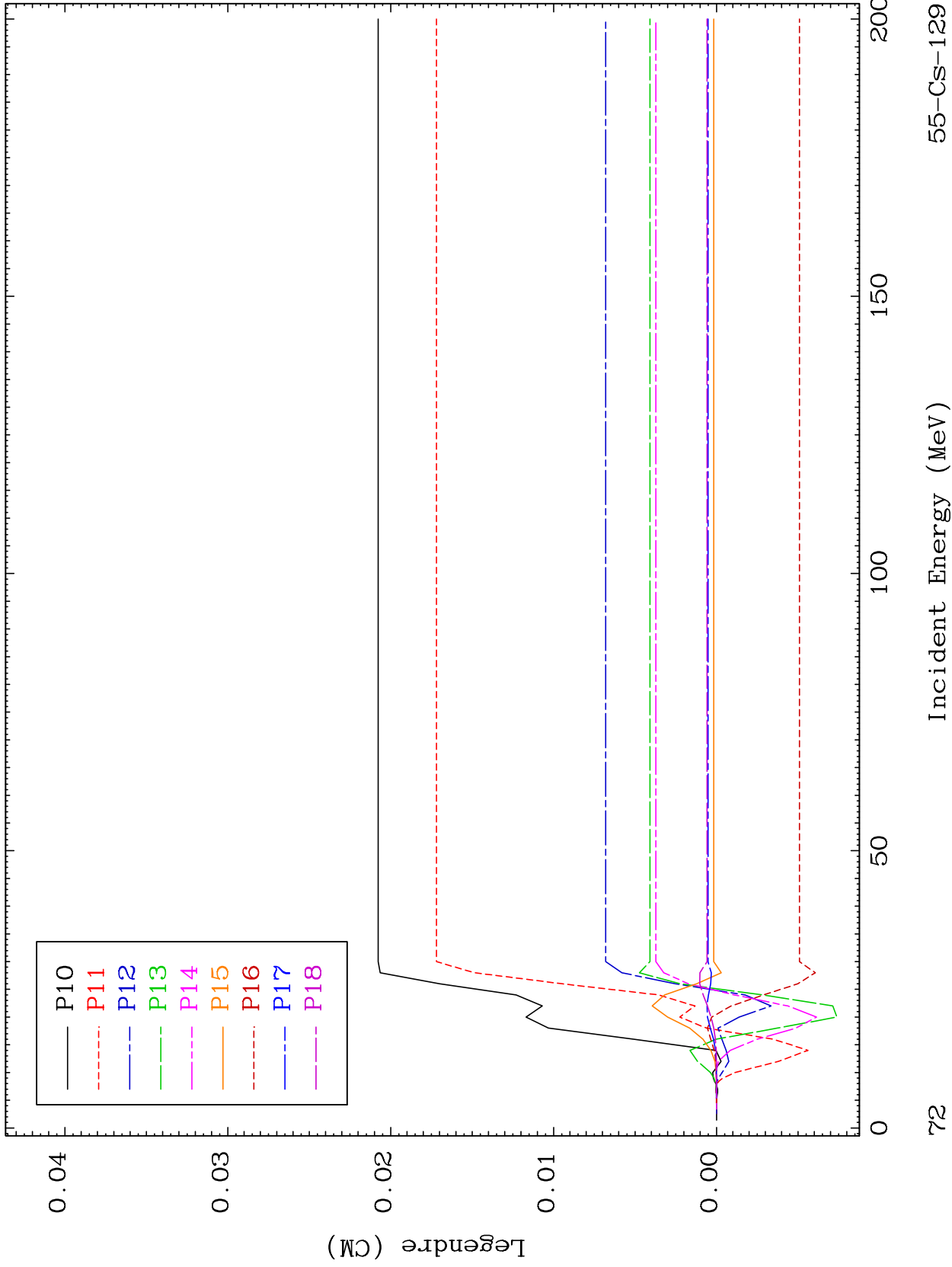




MAT 5513

755.2 keV (n,n') Level
Legendre Coefficients

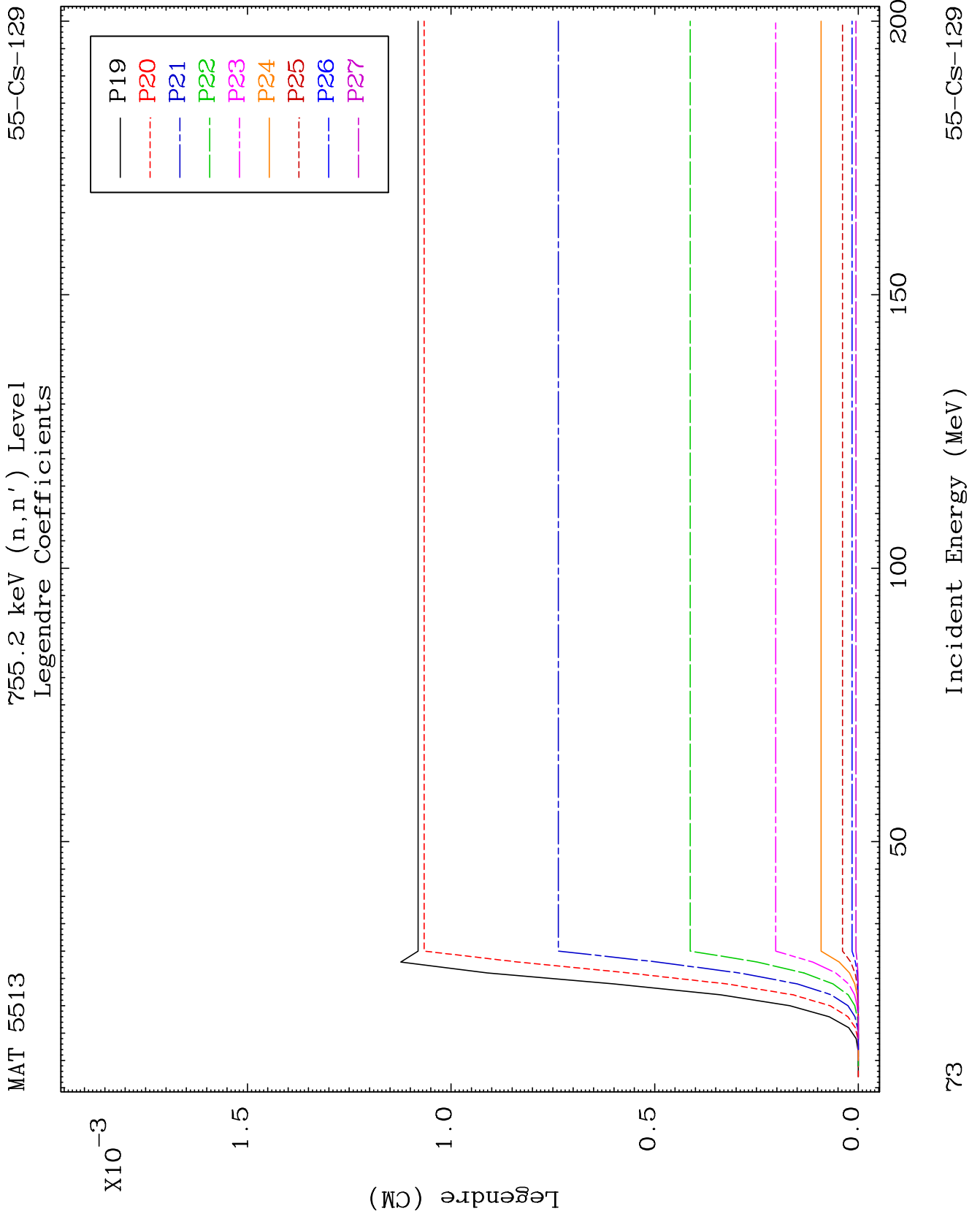
55-Cs-129

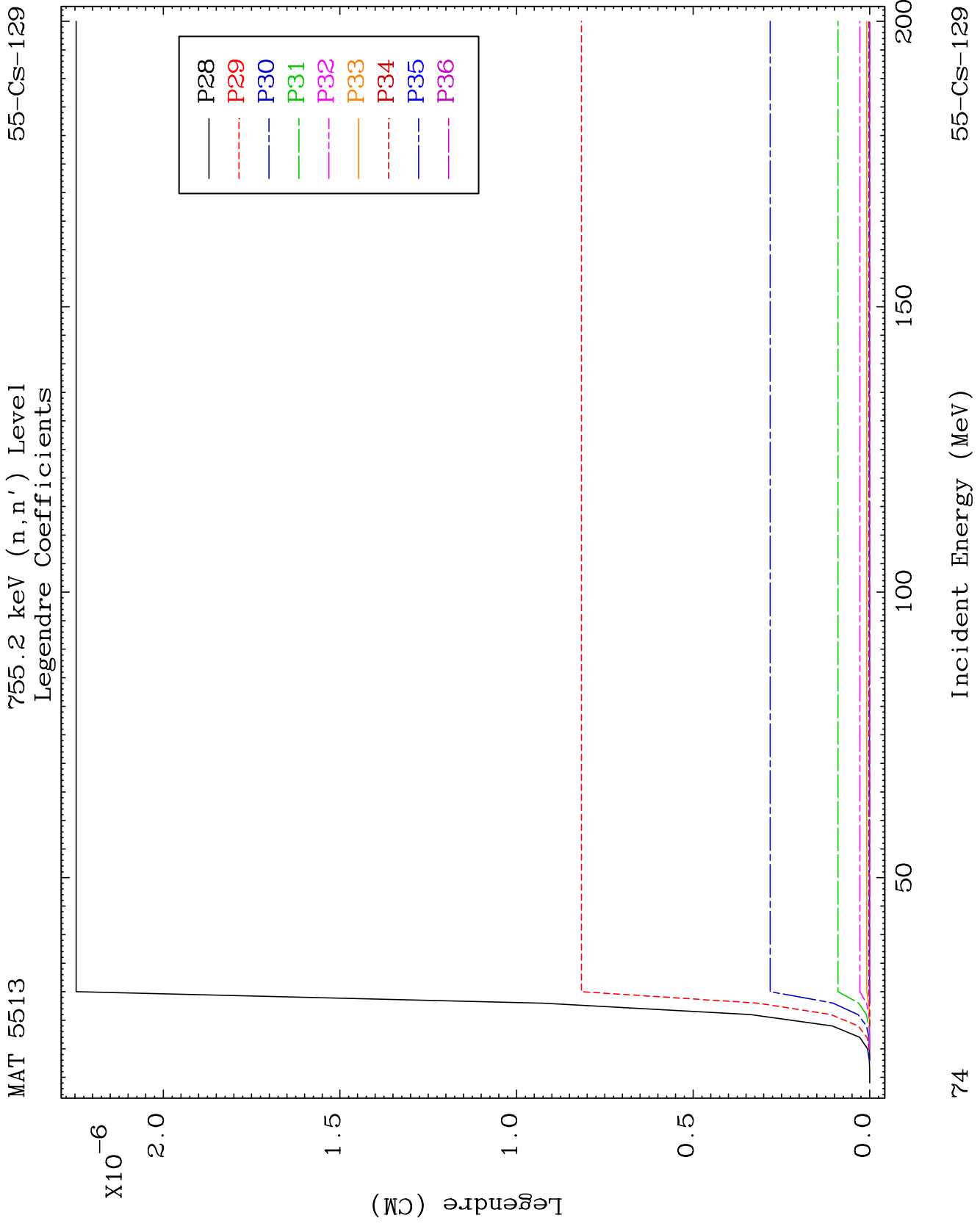


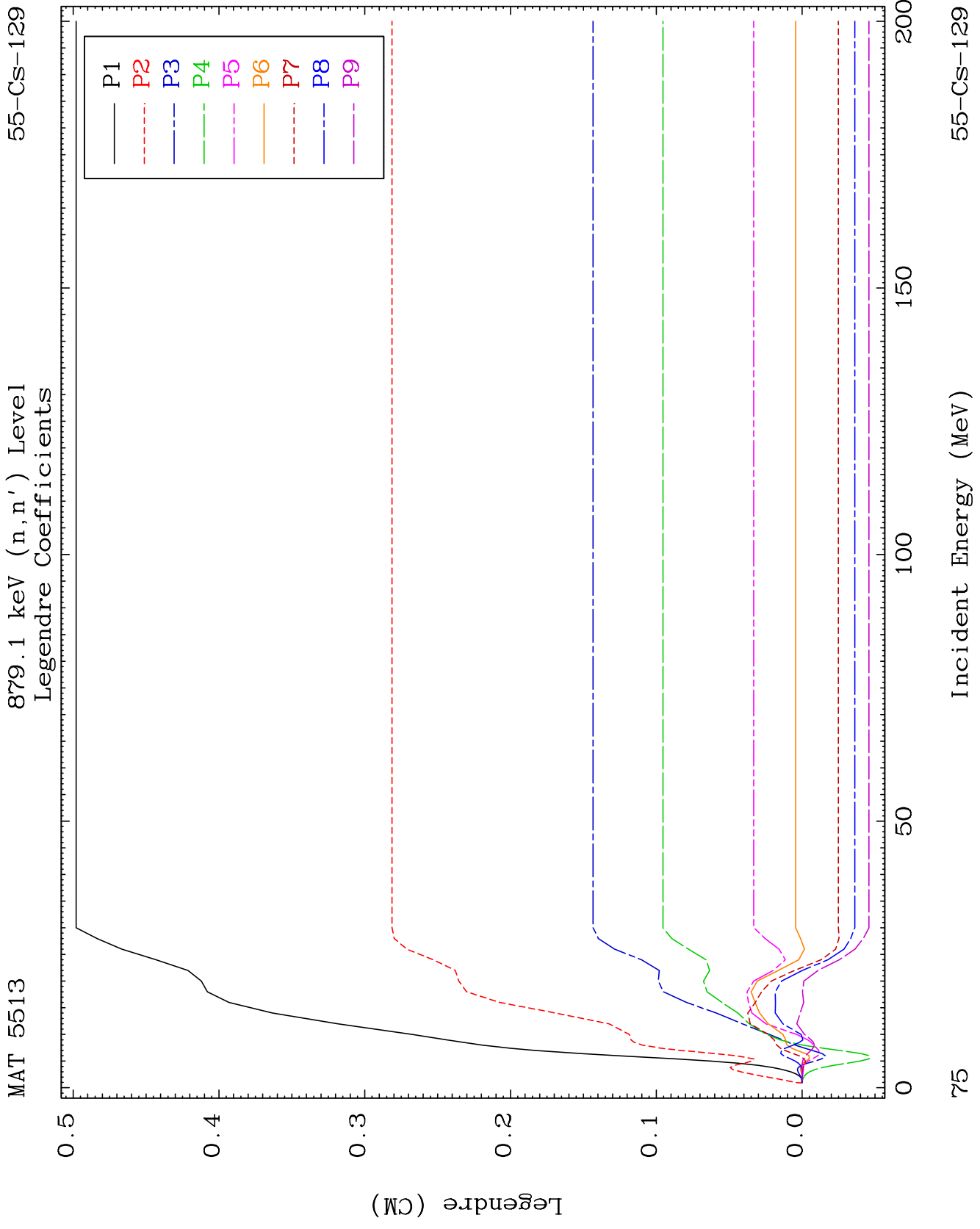
55-Cs-129

Incident Energy (MeV)

72



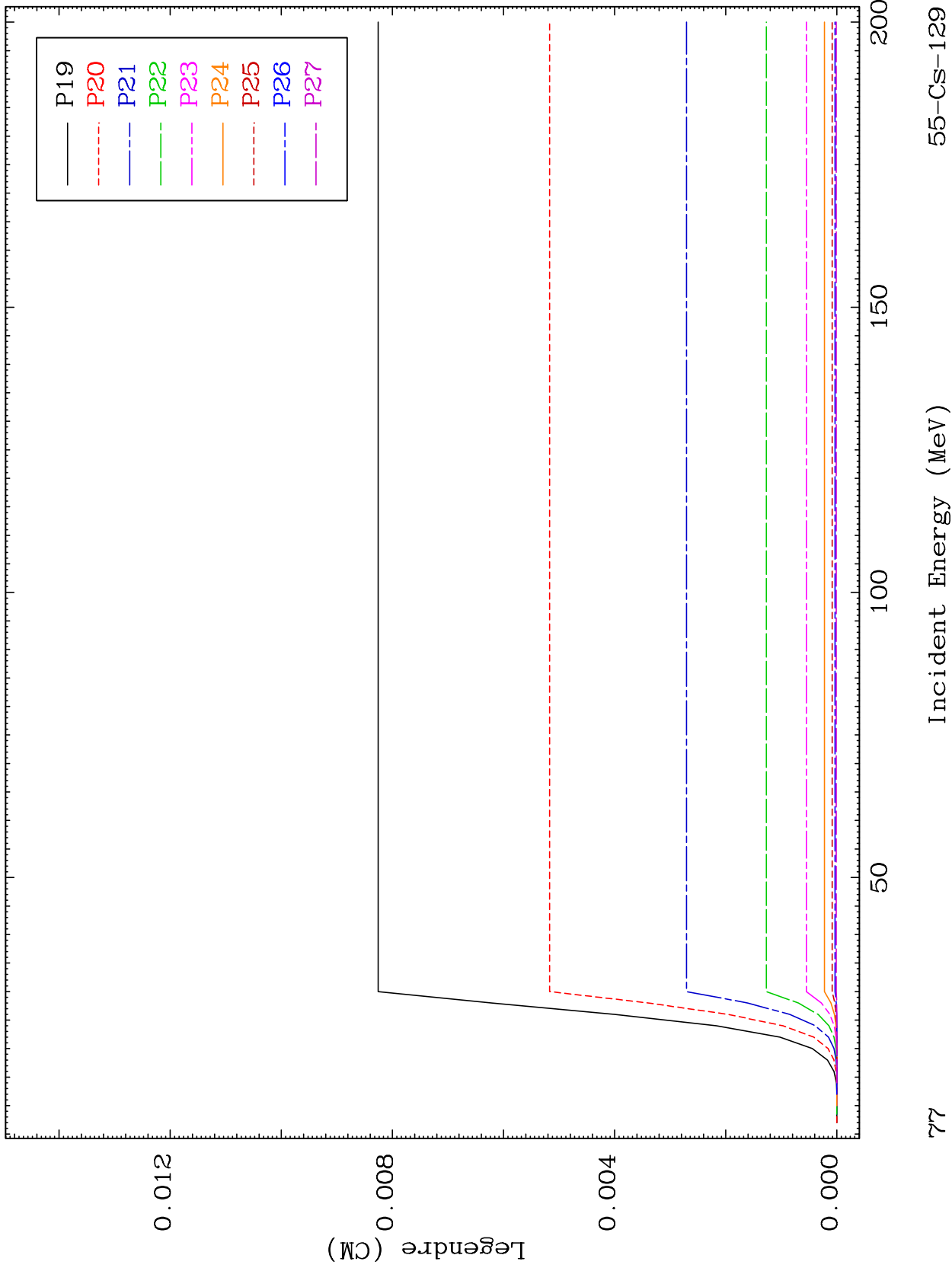




MAT 5513

879.1 keV (n,n') Level
Legendre Coefficients

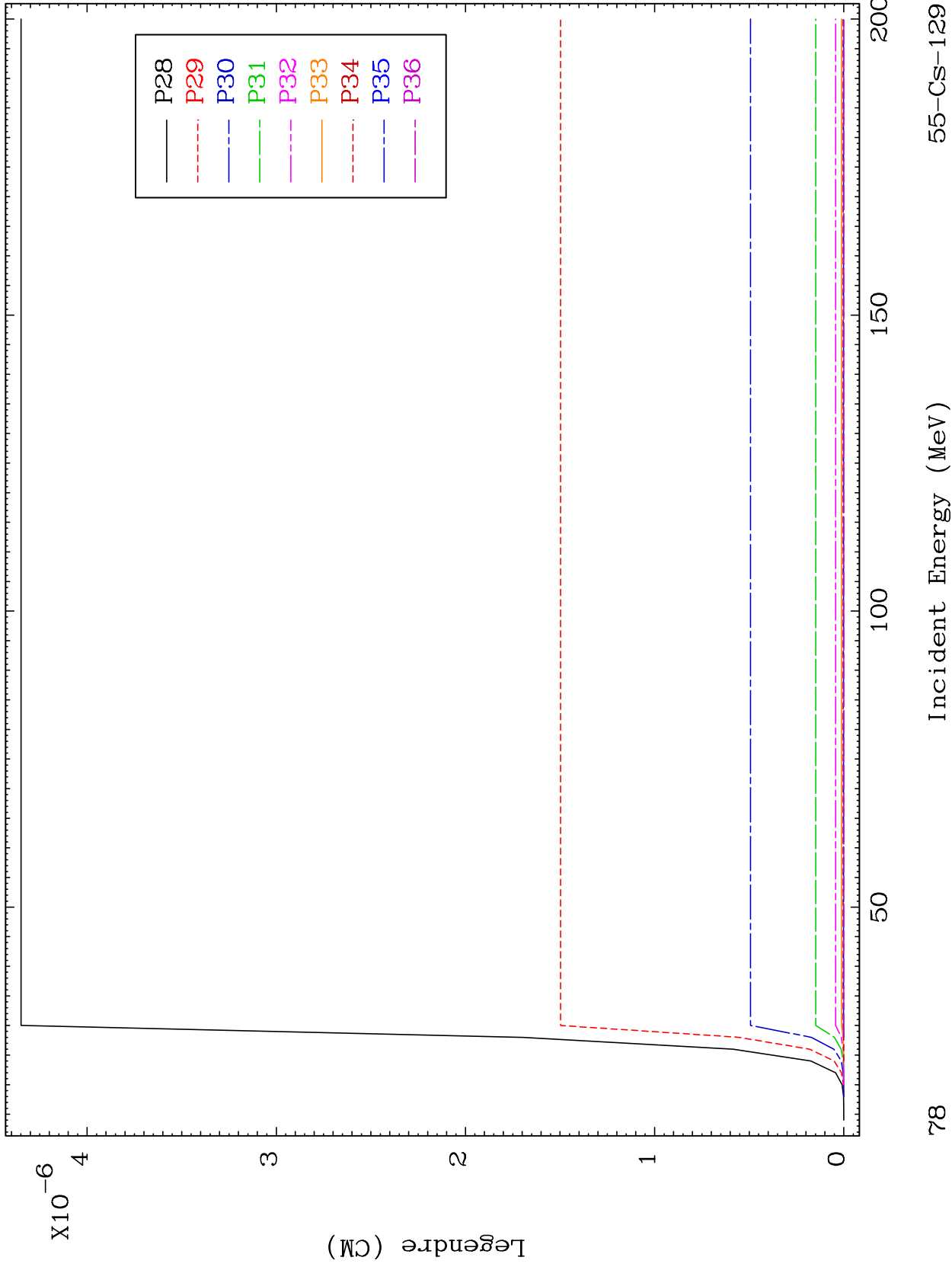
55-Cs-129



MAT 5513

879.1 keV (n,n') Level
Legendre Coefficients

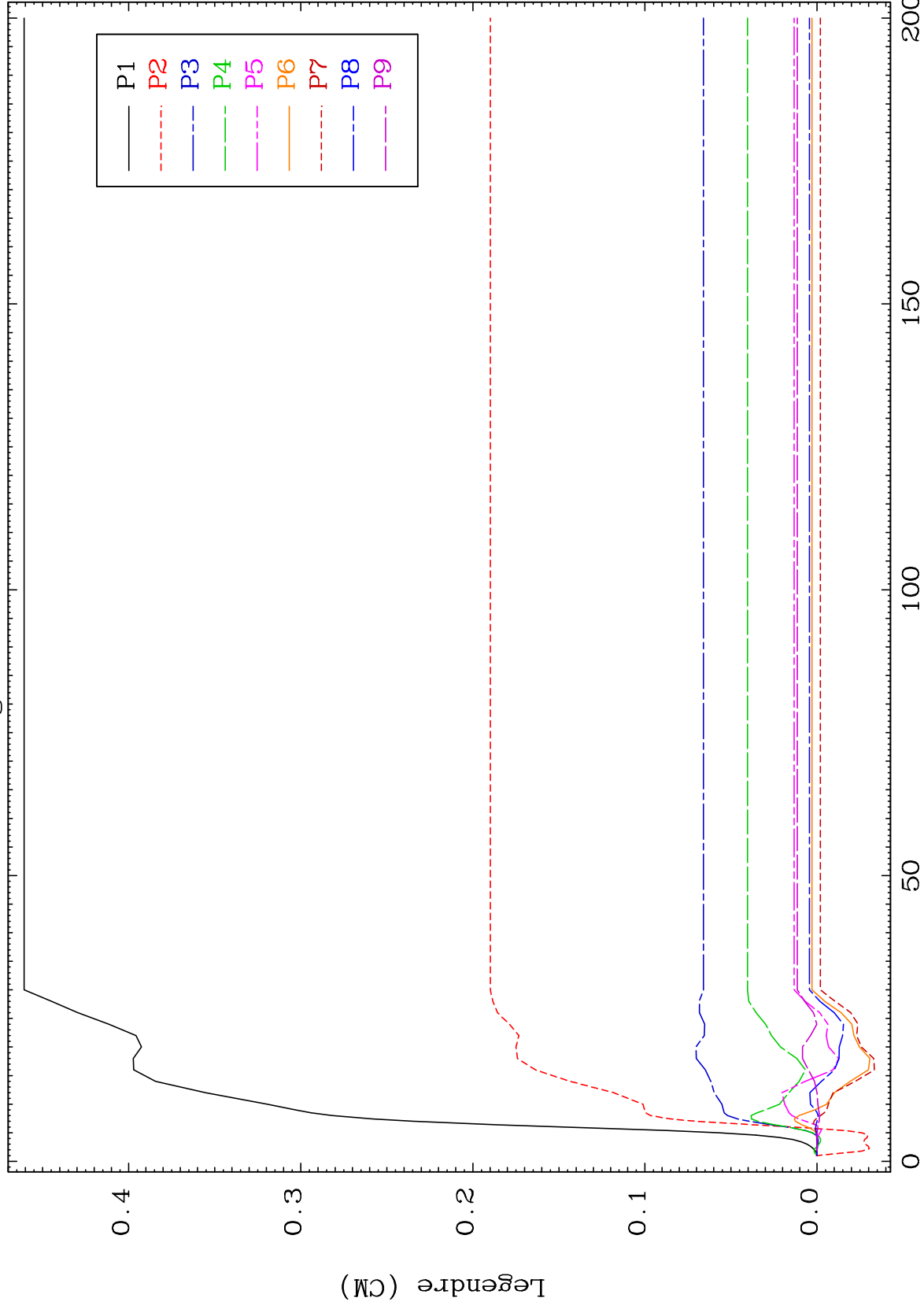
55-Cs-129



MAT 5513

969.1 keV (n,n') Level
Legendre Coefficients

55-Cs-129



79

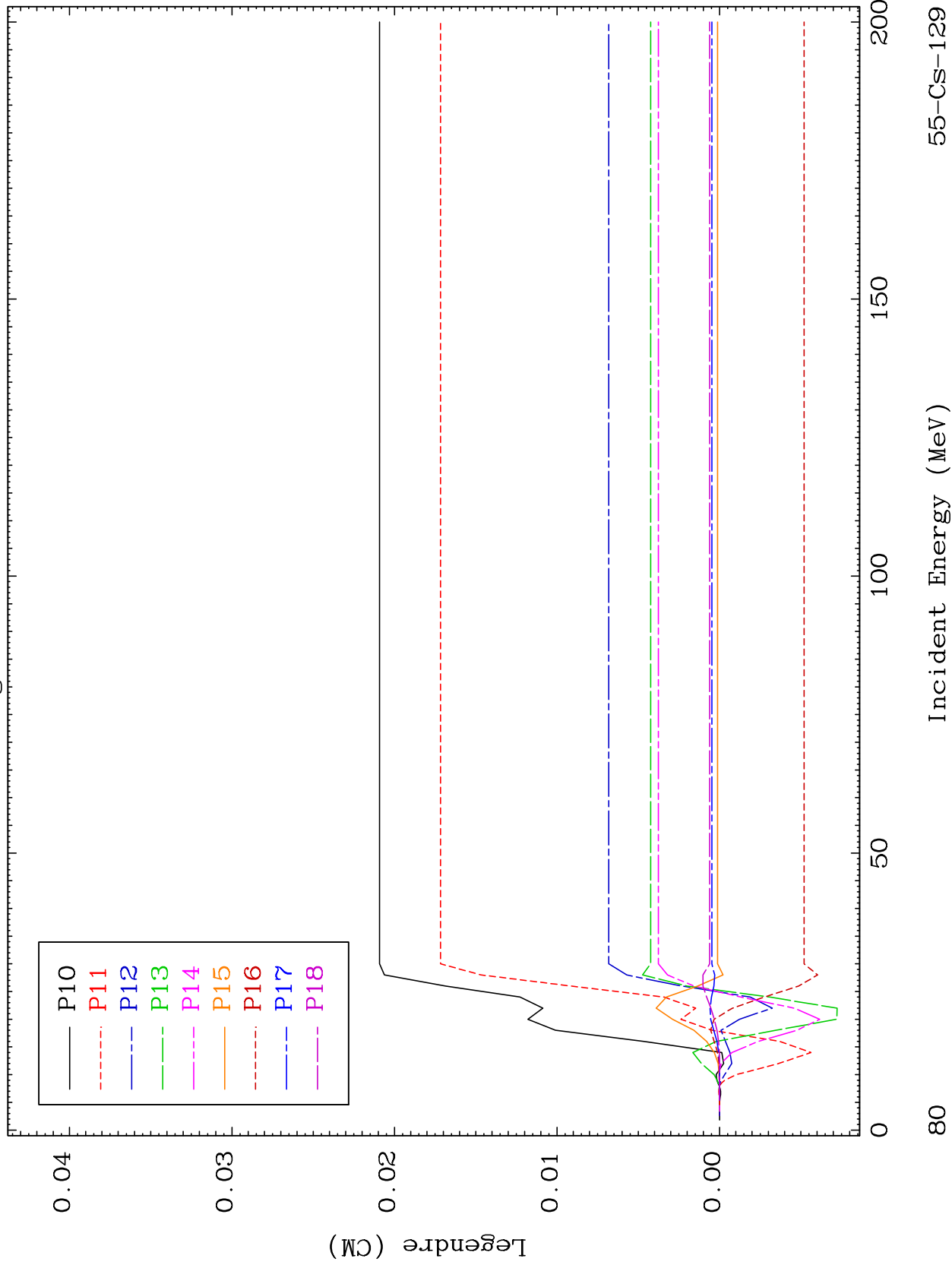
Incident Energy (MeV)

55-Cs-129

MAT 5513

969.1 keV (n,n') Level
Legendre Coefficients

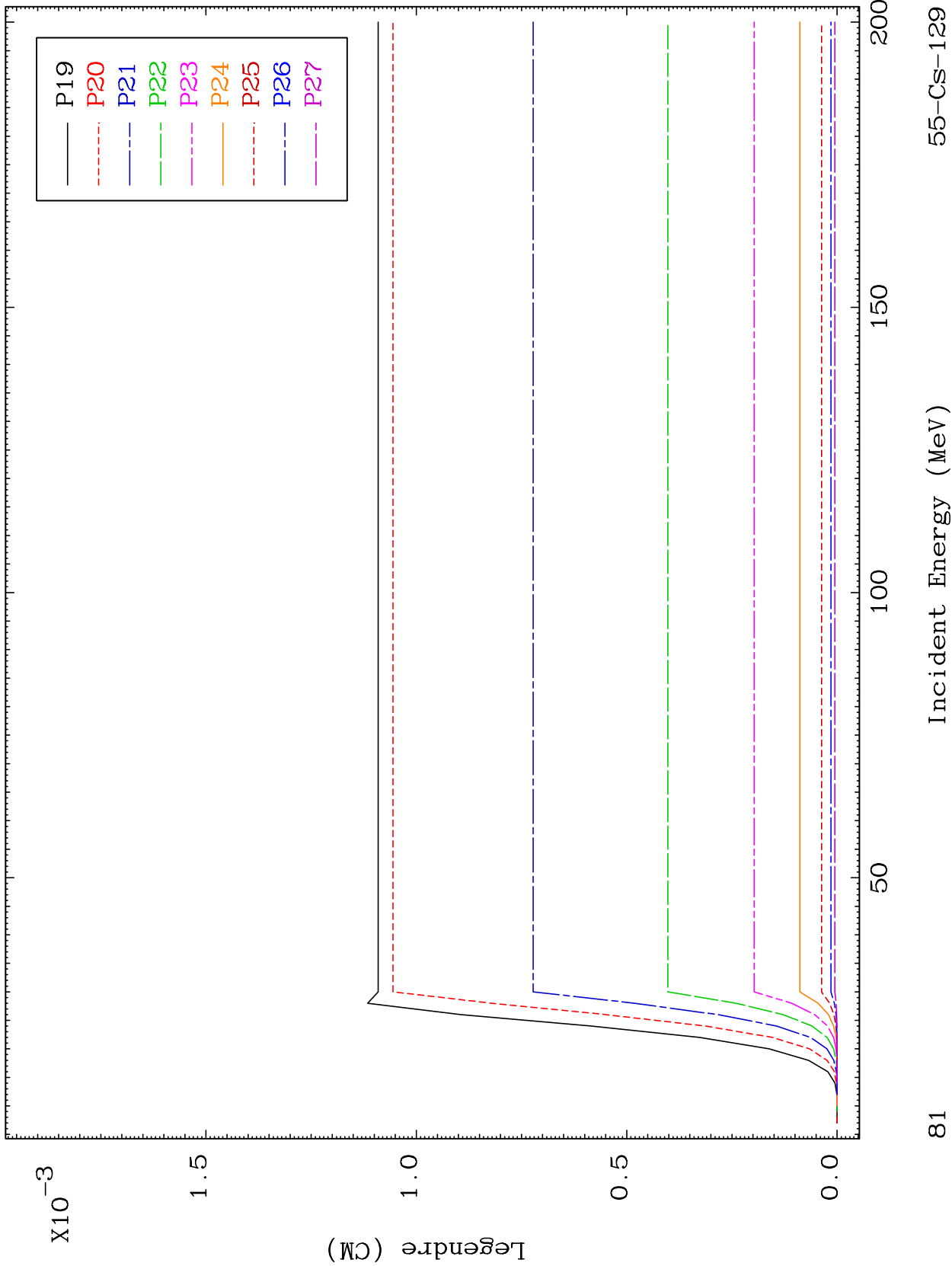
55-Cs-129



55-Cs-129

Incident Energy (MeV)

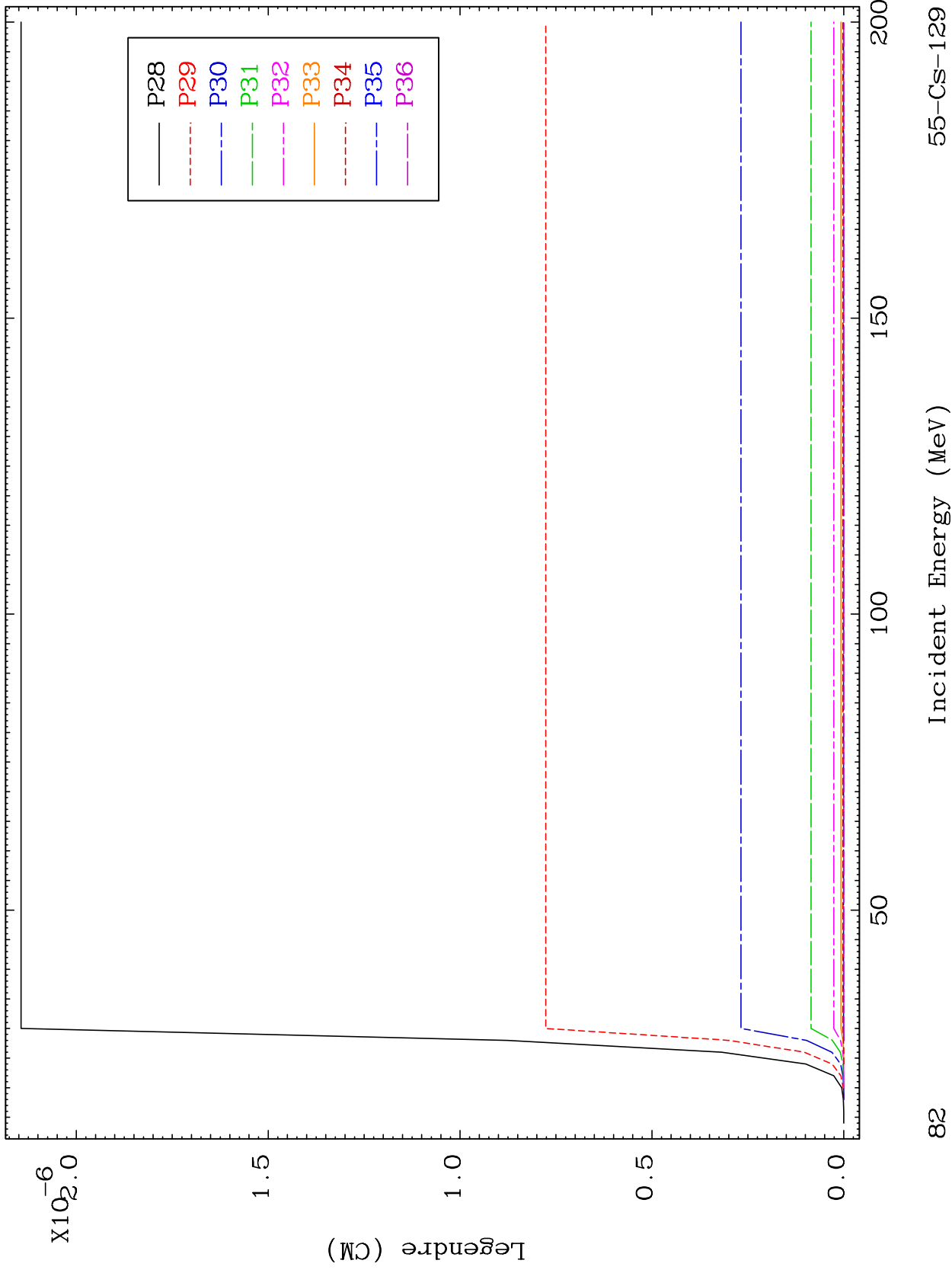
80



MAT 5513

969.1 keV (n,n') Level
Legendre Coefficients

55-Cs-129



82

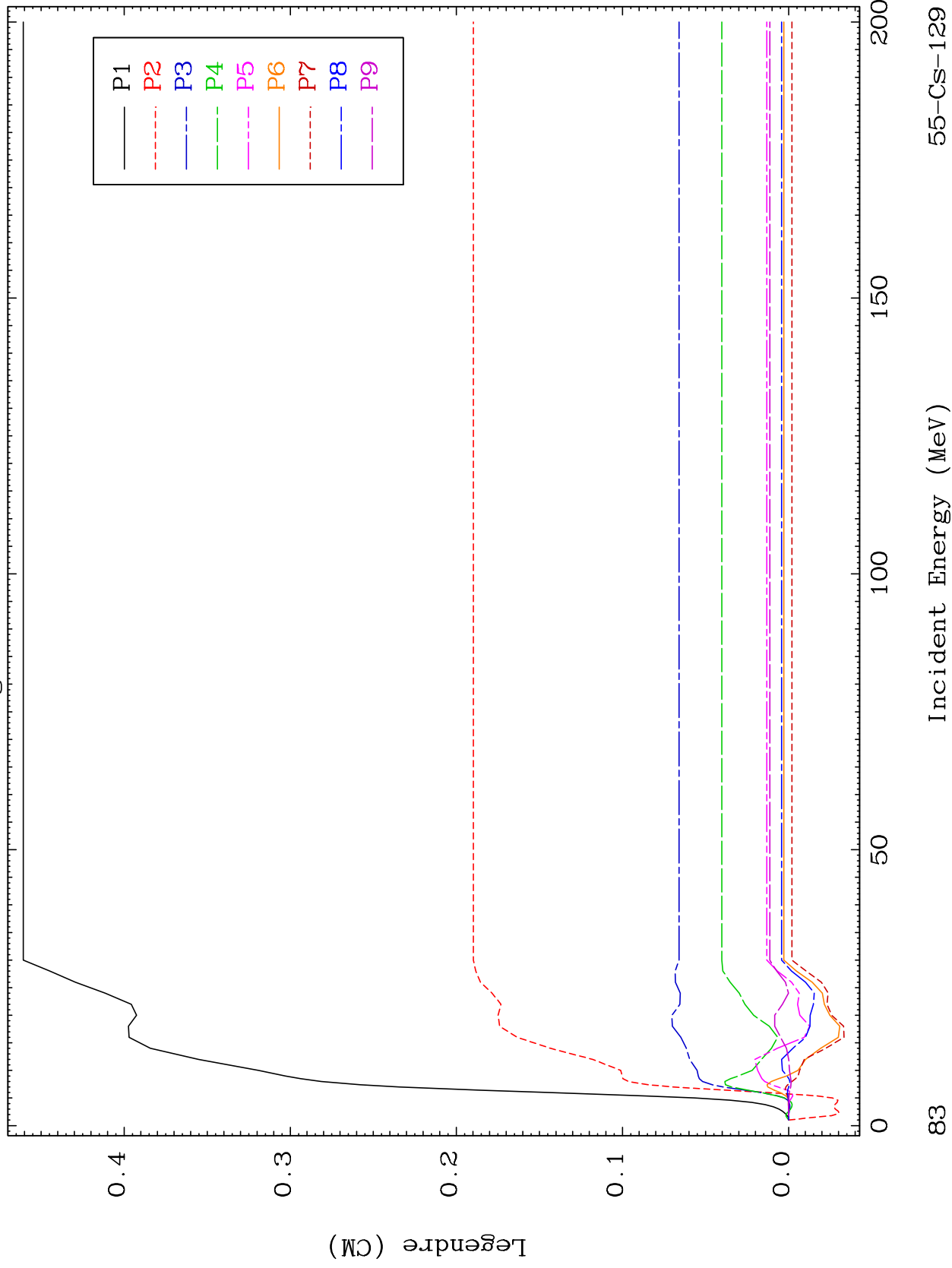
Incident Energy (MeV)

55-Cs-129

MAT 5513

991.9 keV (n,n') Level
Legendre Coefficients

55-Cs-129



55-Cs-129

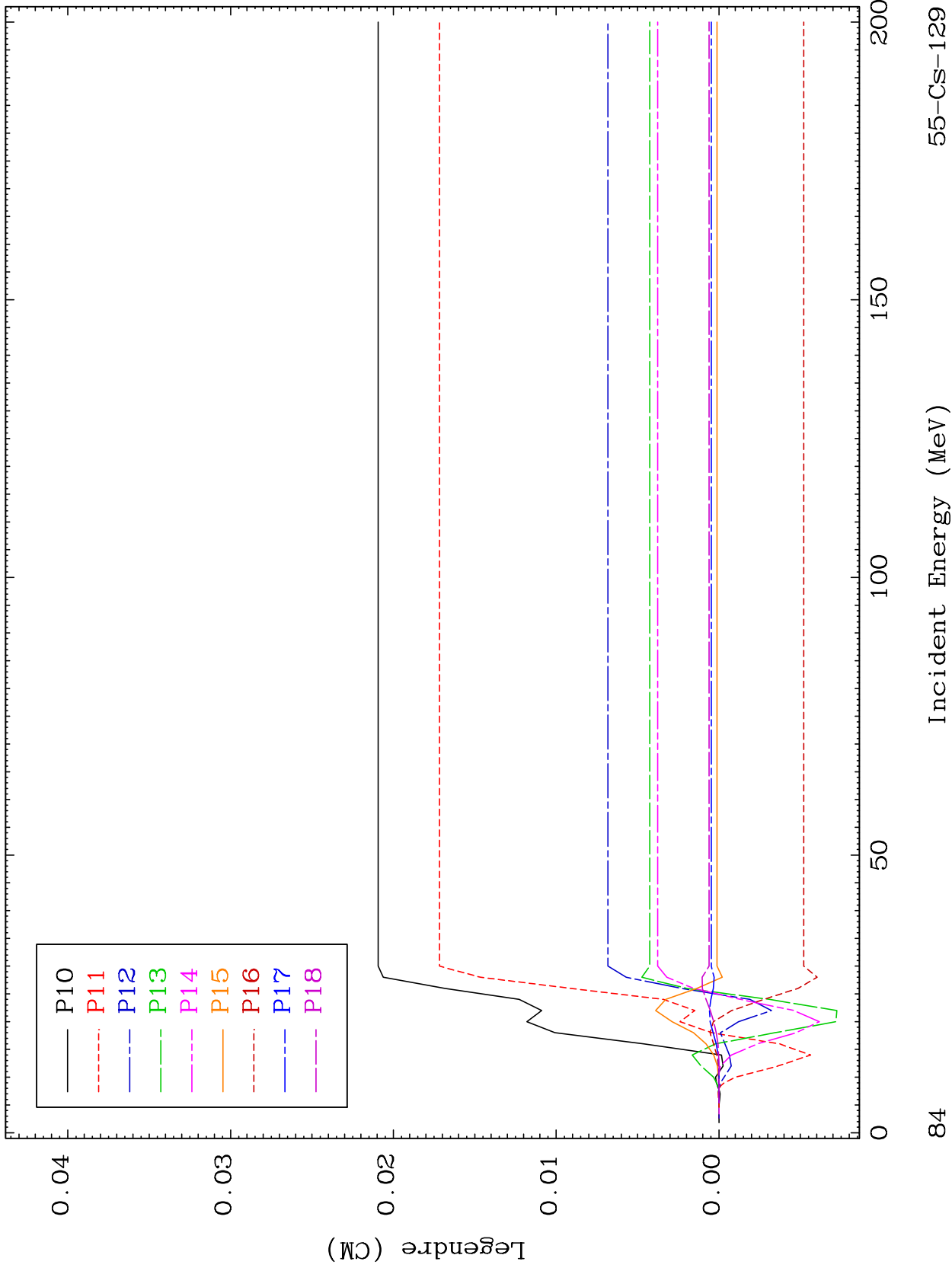
Incident Energy (MeV)

83

MAT 5513

991.9 keV (n,n') Level
Legendre Coefficients

55-Cs-129



84

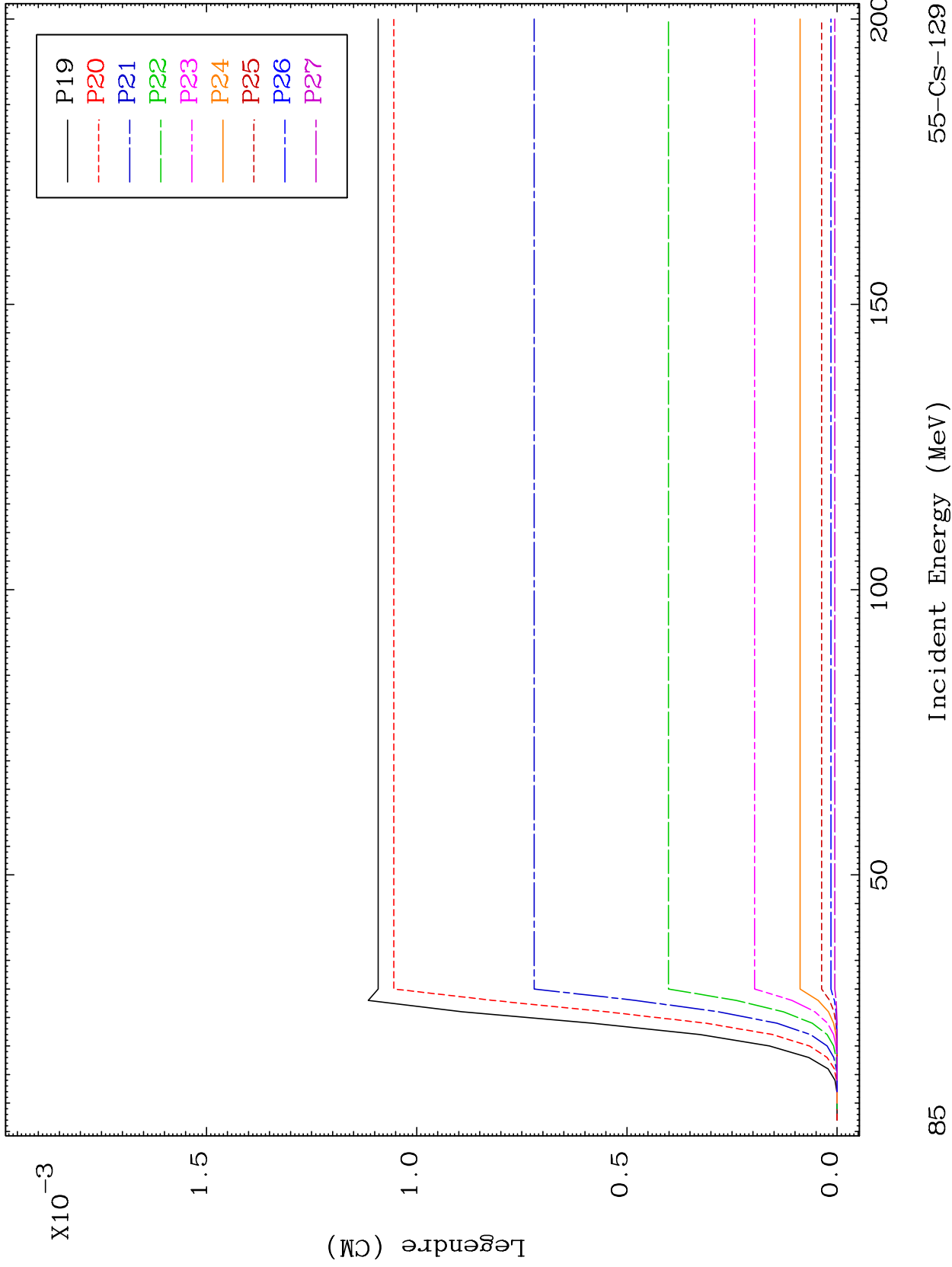
Incident Energy (MeV)

55-Cs-129

MAT 5513

991.9 keV (n,n') Level
Legendre Coefficients

55-Cs-129

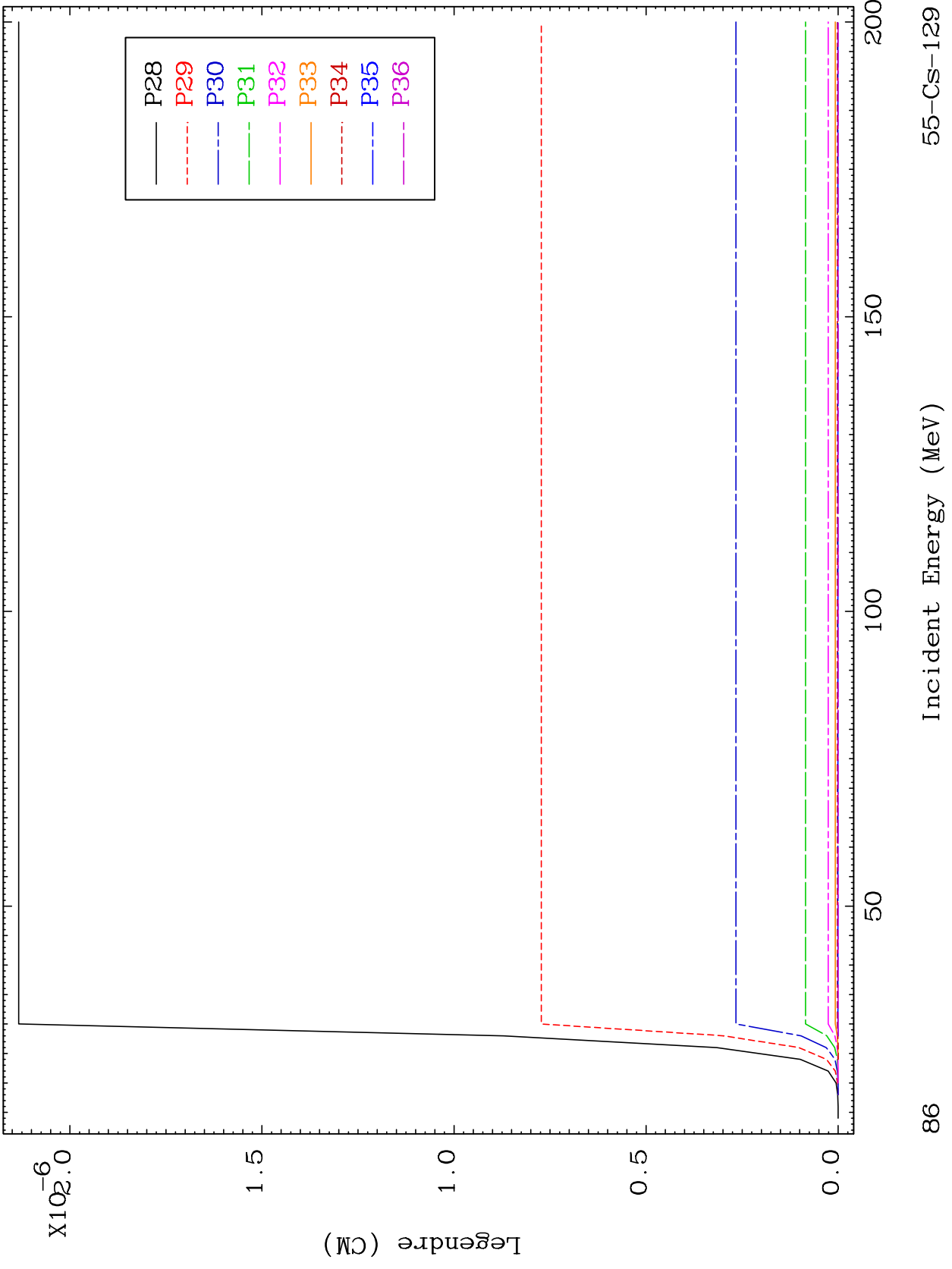


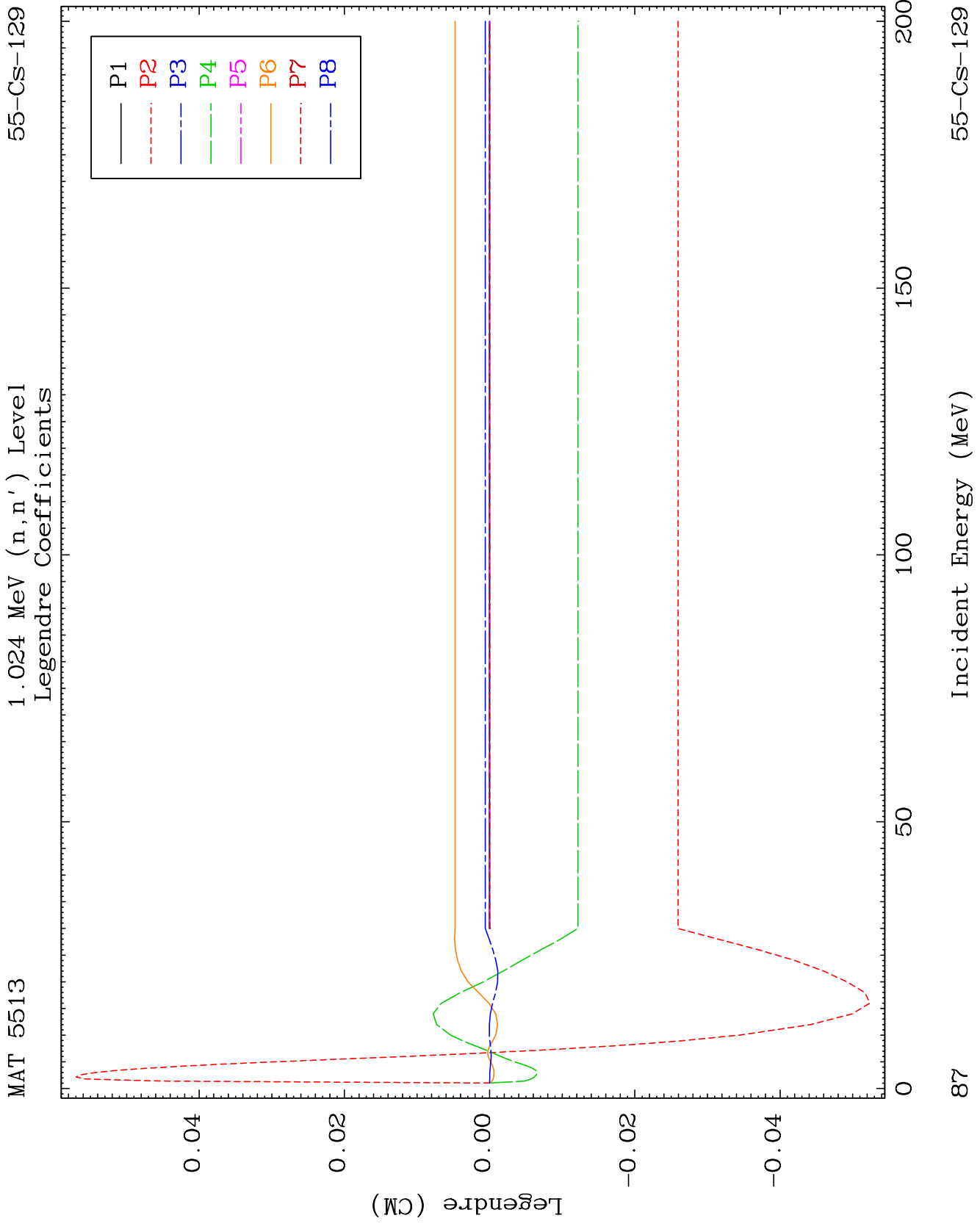
85

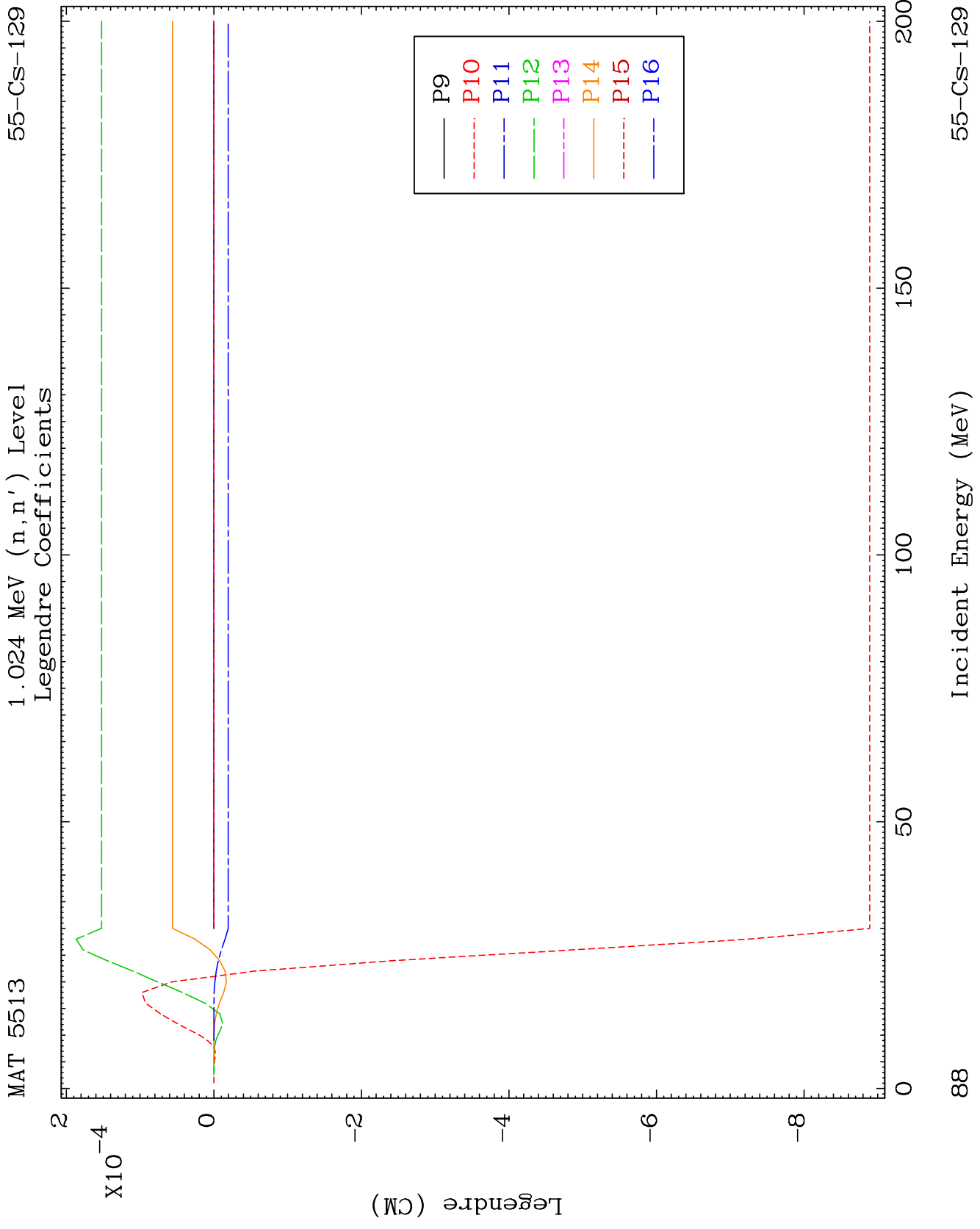
Incident Energy (MeV)

55-Cs-129

MAT 5513 991.9 keV (n,n') Level Legendre Coefficients 55-Cs-129



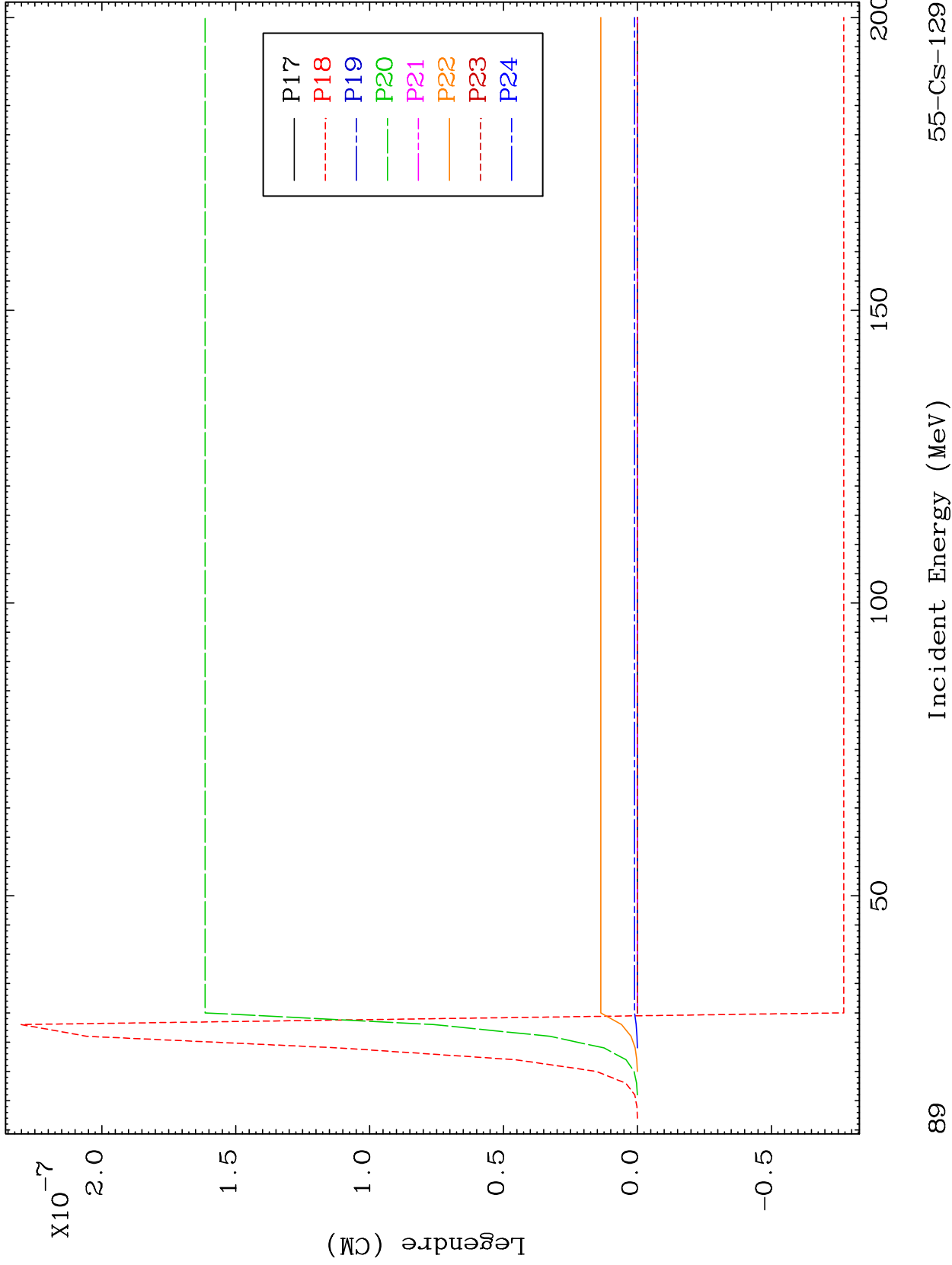




MAT 5513

1.024 MeV (n,n') Level
Legendre Coefficients

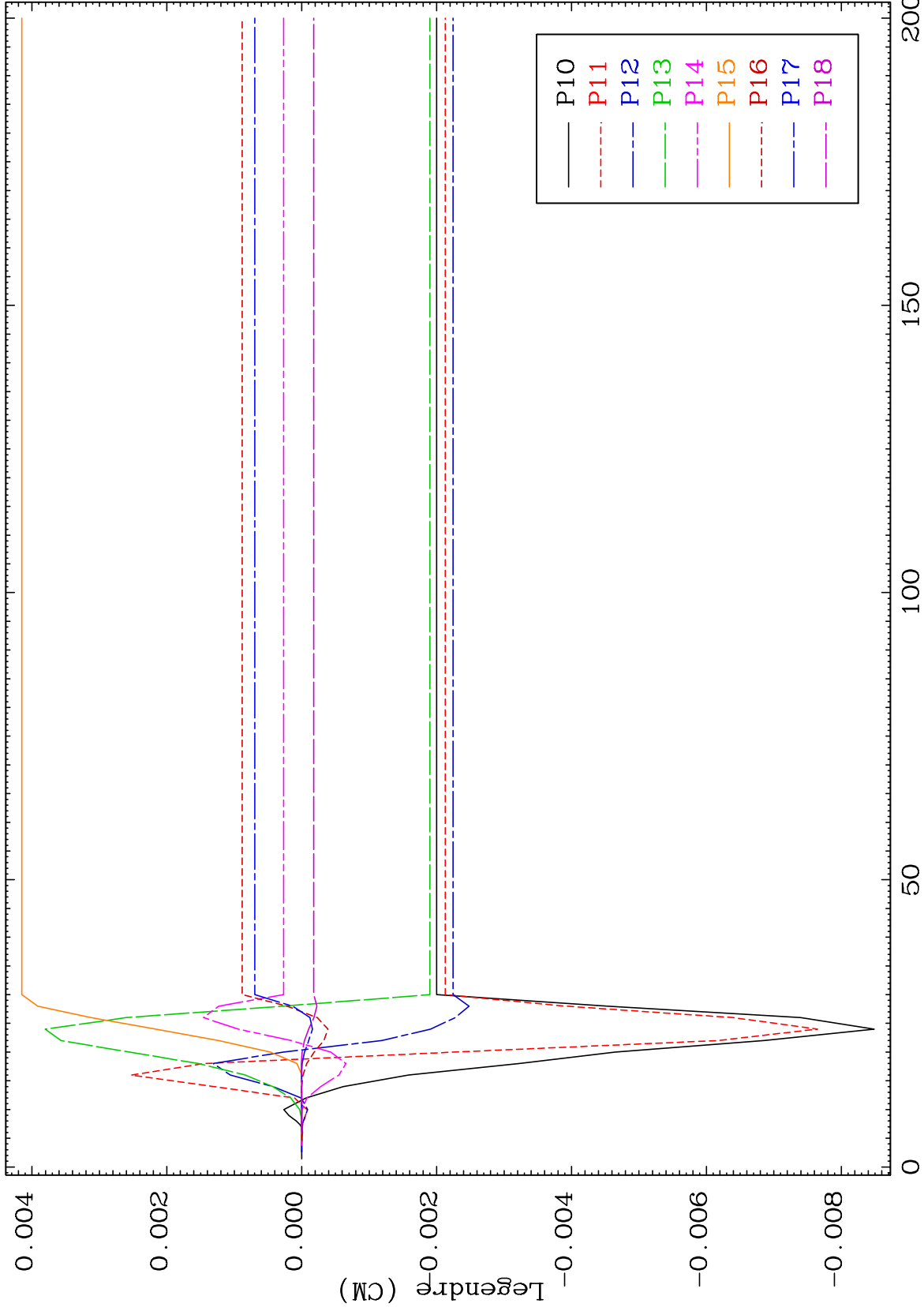
55-Cs-129

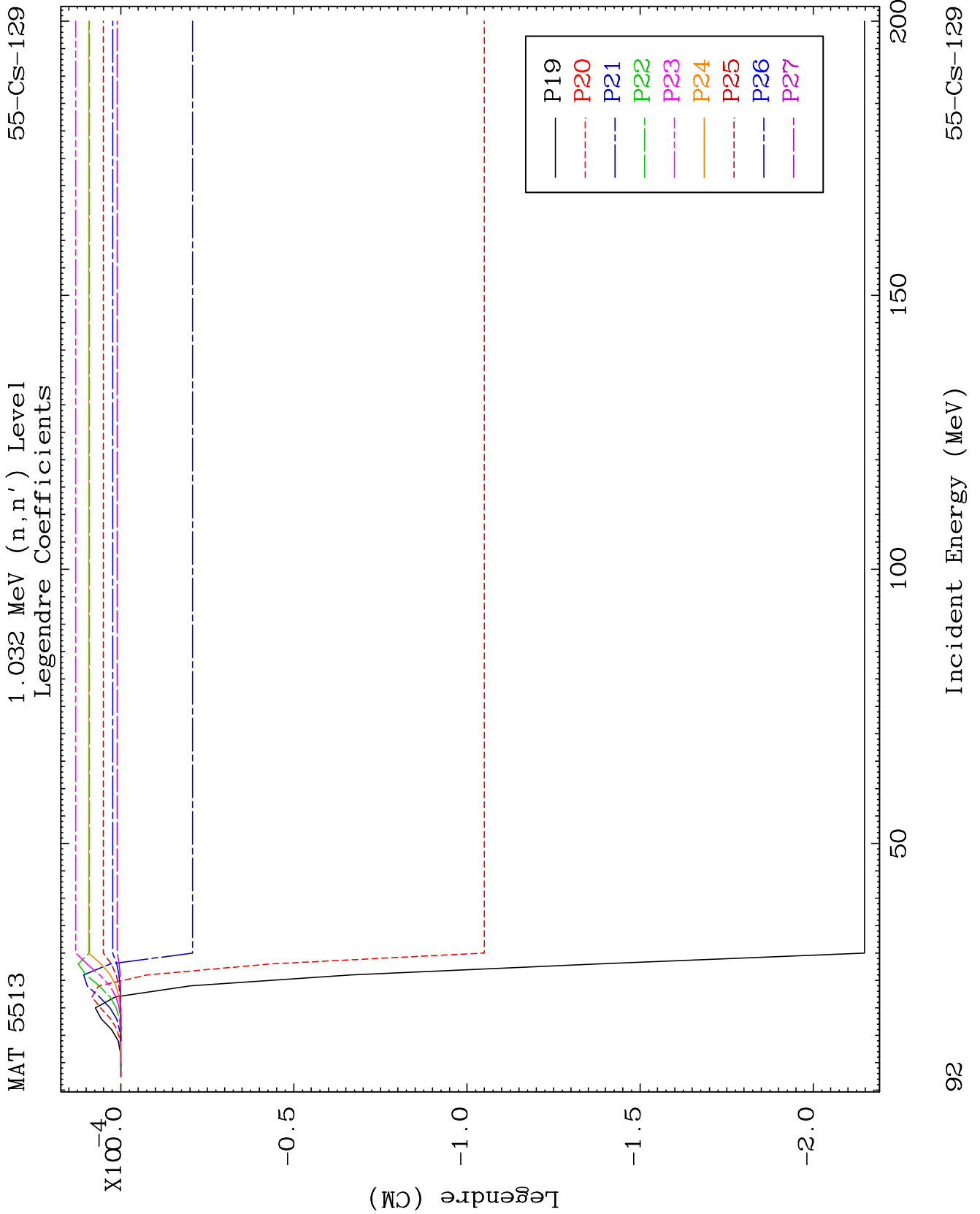


89

Incident Energy (MeV)

55-Cs-129

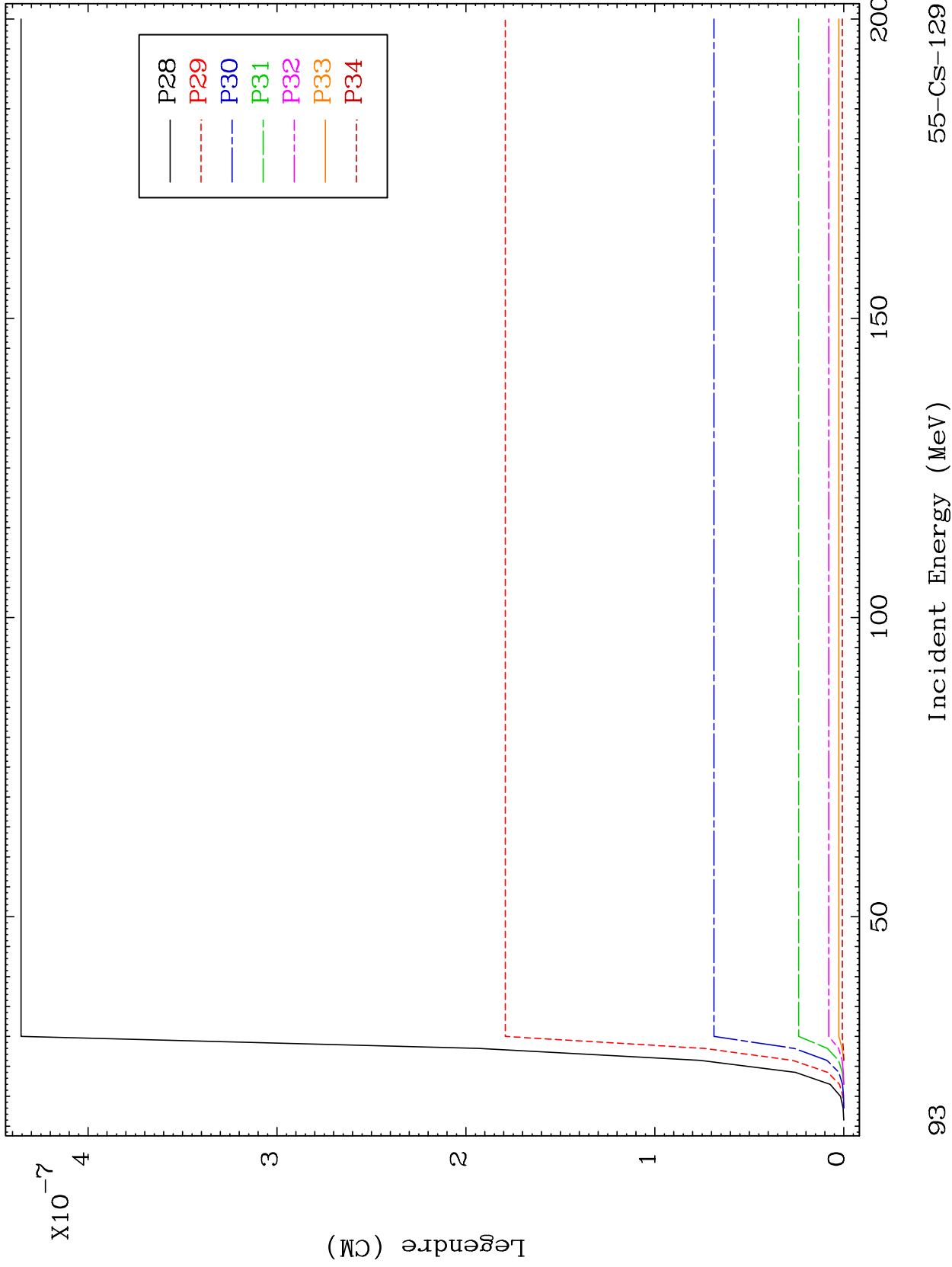




MAT 5513

1.032 MeV (n,n') Level
Legendre Coefficients

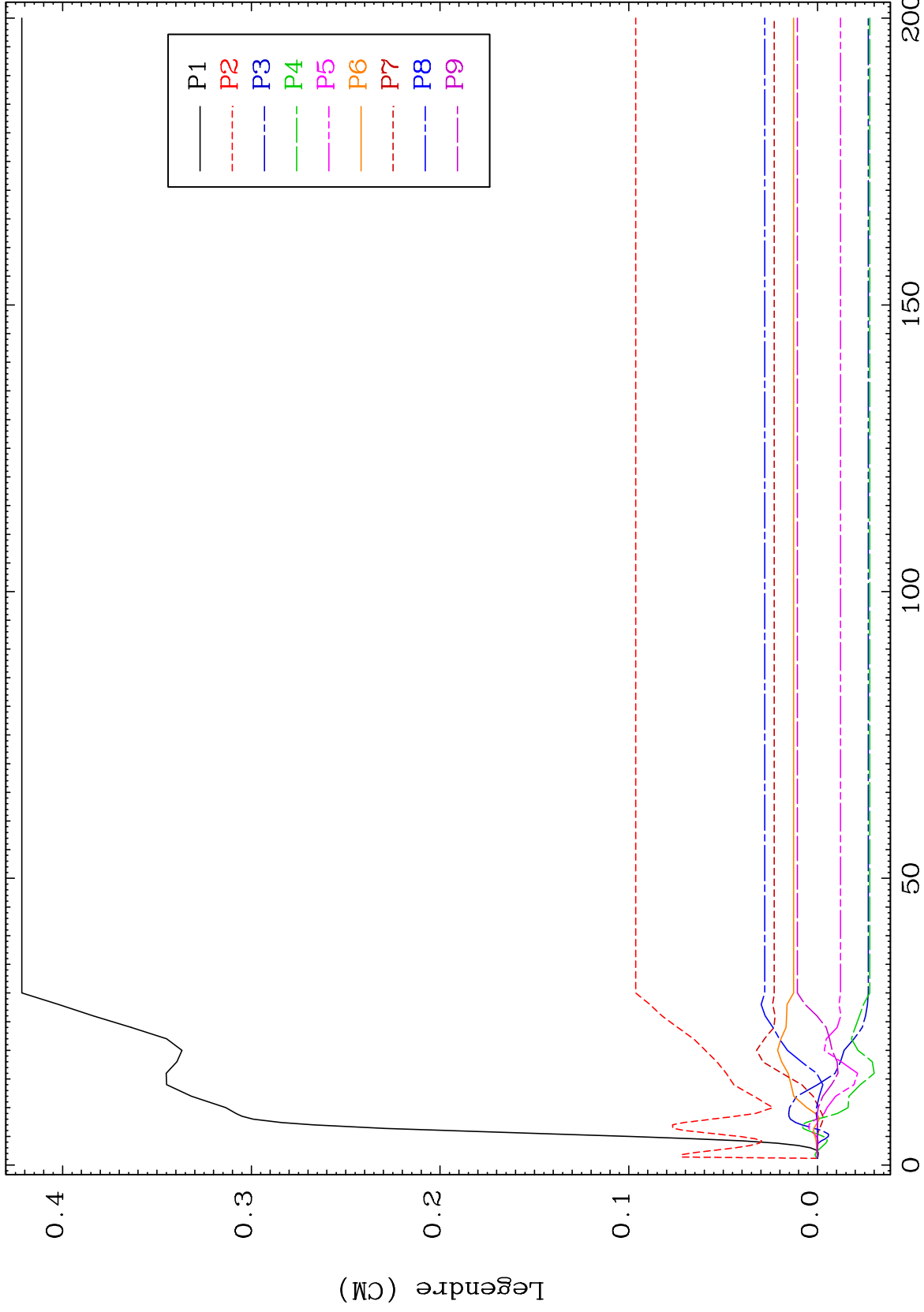
55-Cs-129



MAT 5513

1.150 MeV (n,n') Level
Legendre Coefficients

55-Cs-129



94

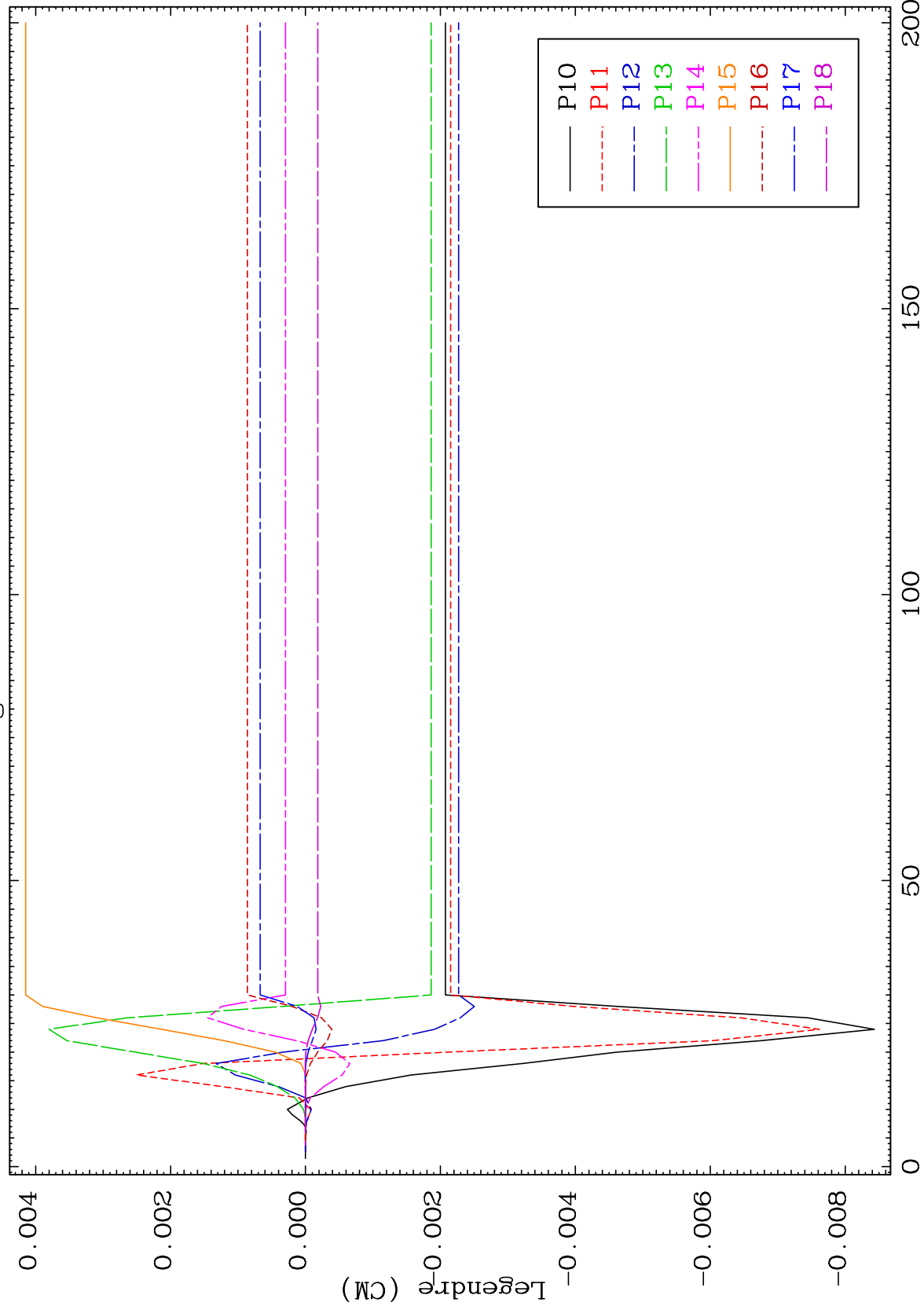
Incident Energy (MeV)

55-Cs-129

MAT 5513

1.150 MeV (n,n') Level
Legendre Coefficients

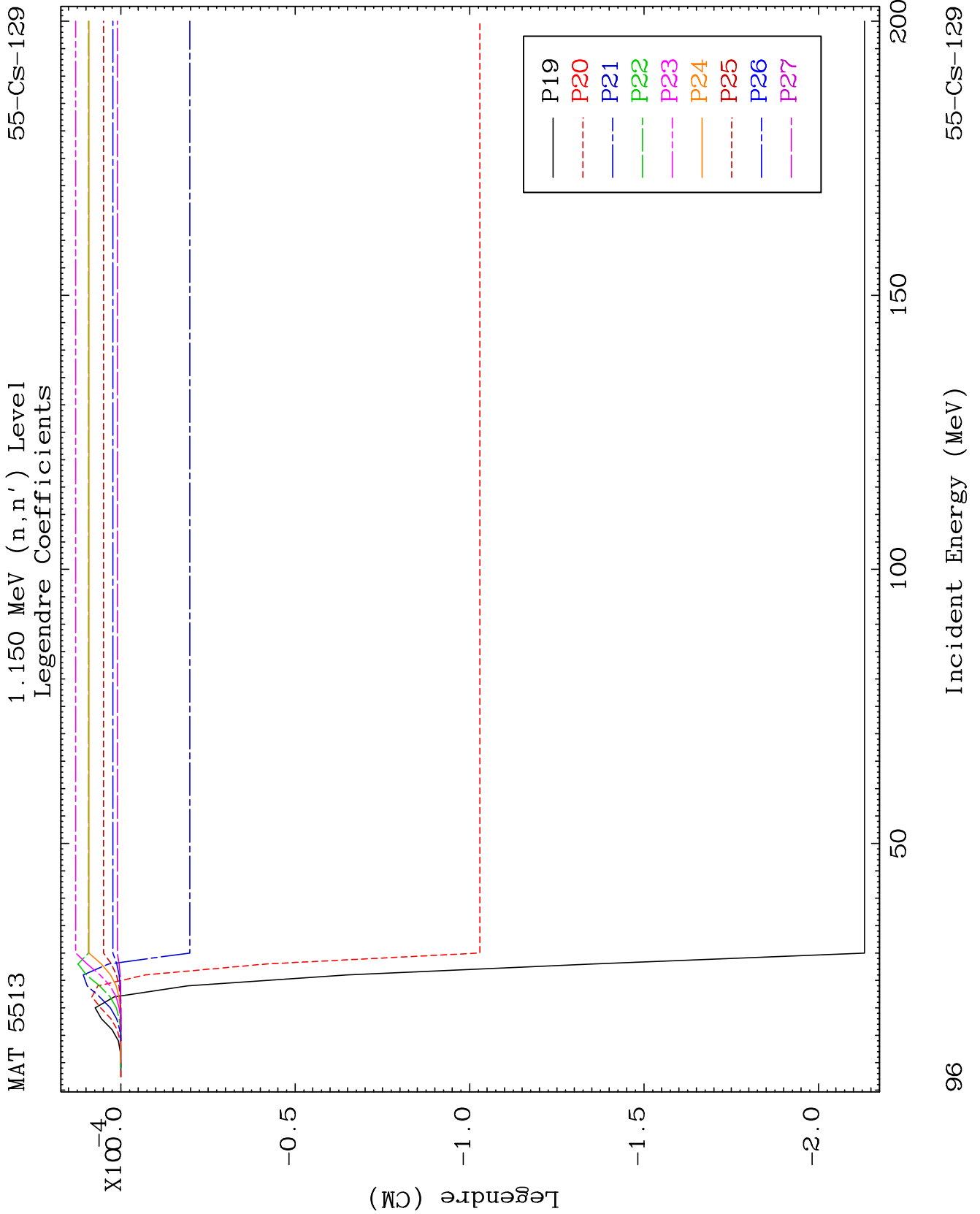
55-Cs-129

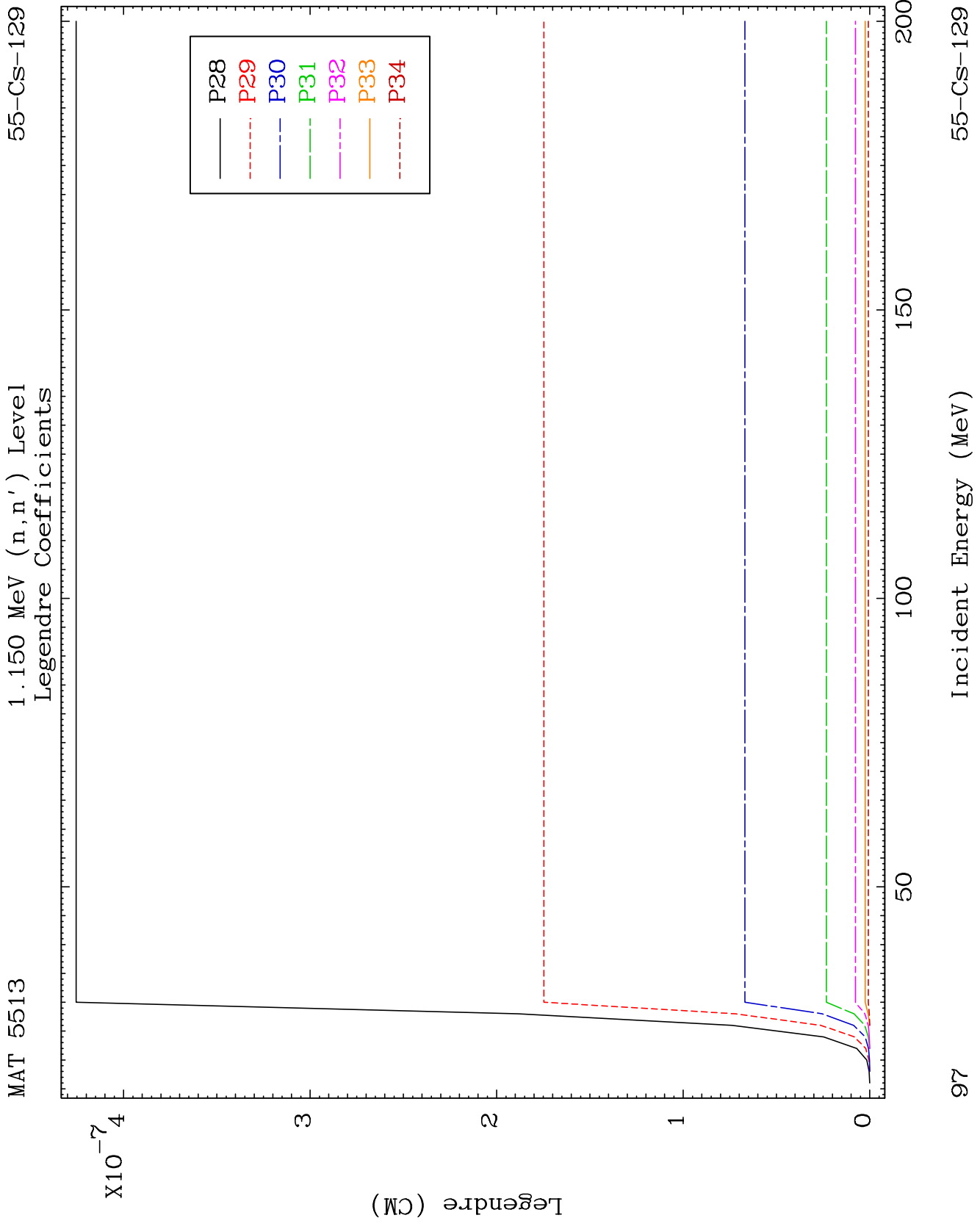


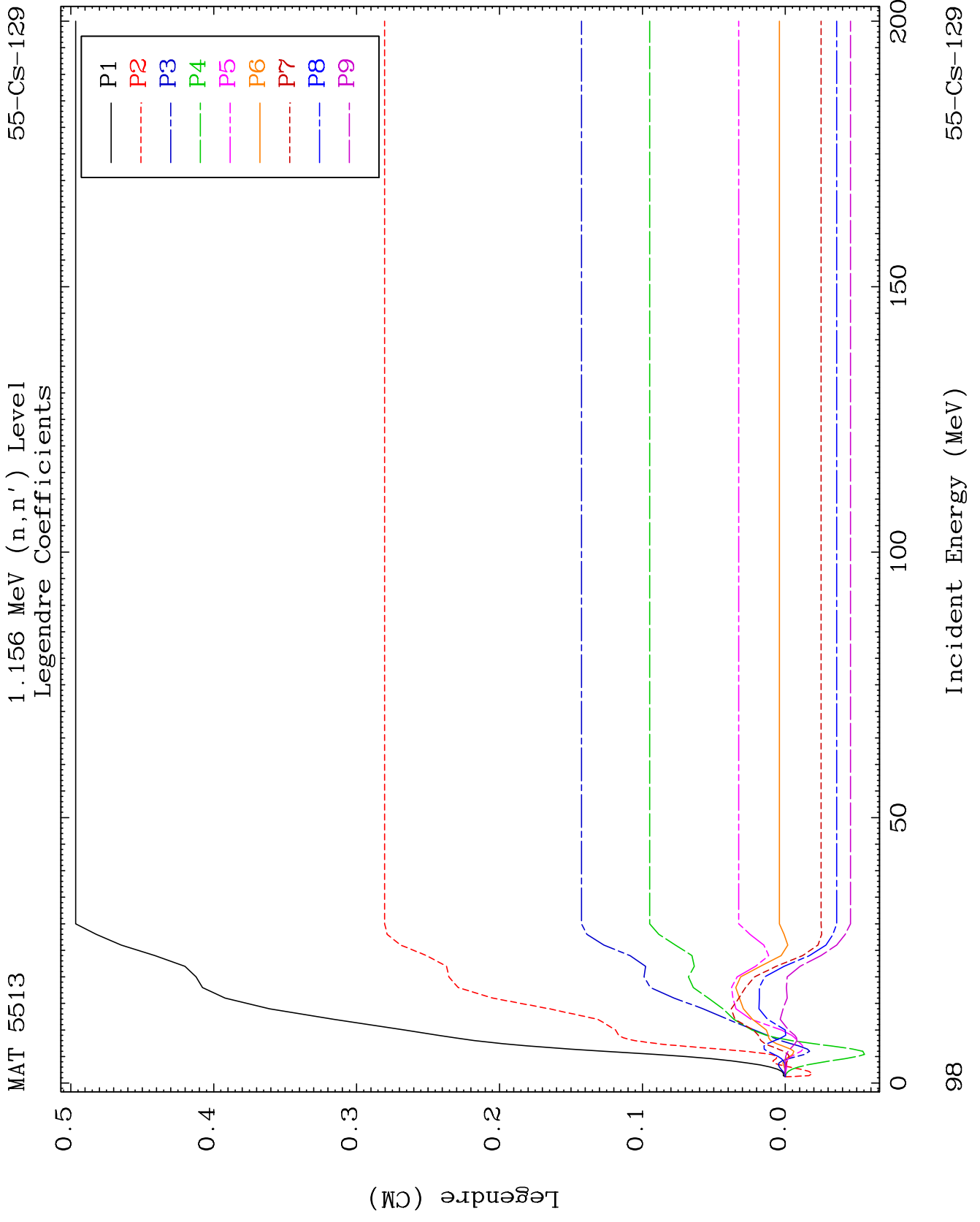
95

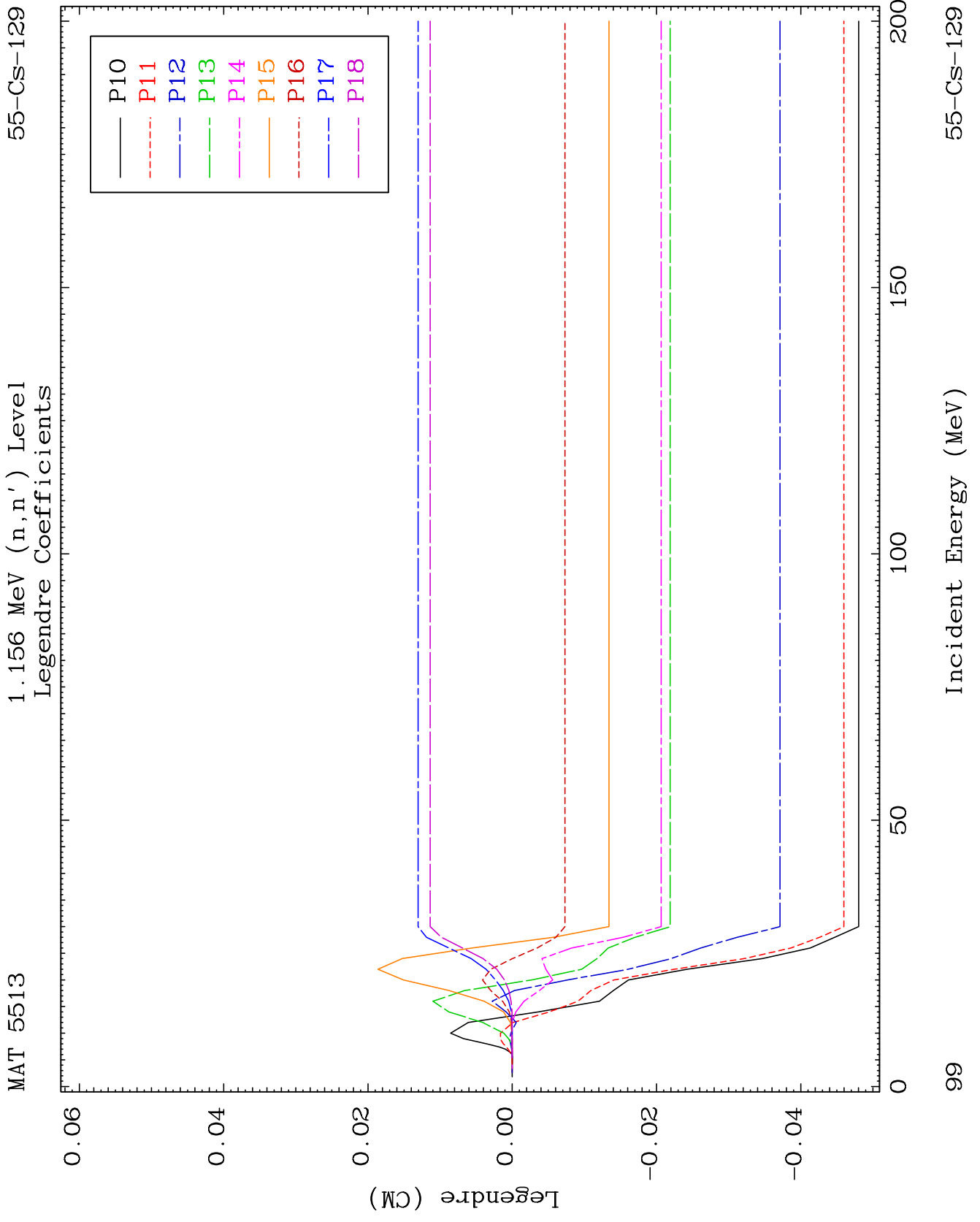
Incident Energy (MeV)

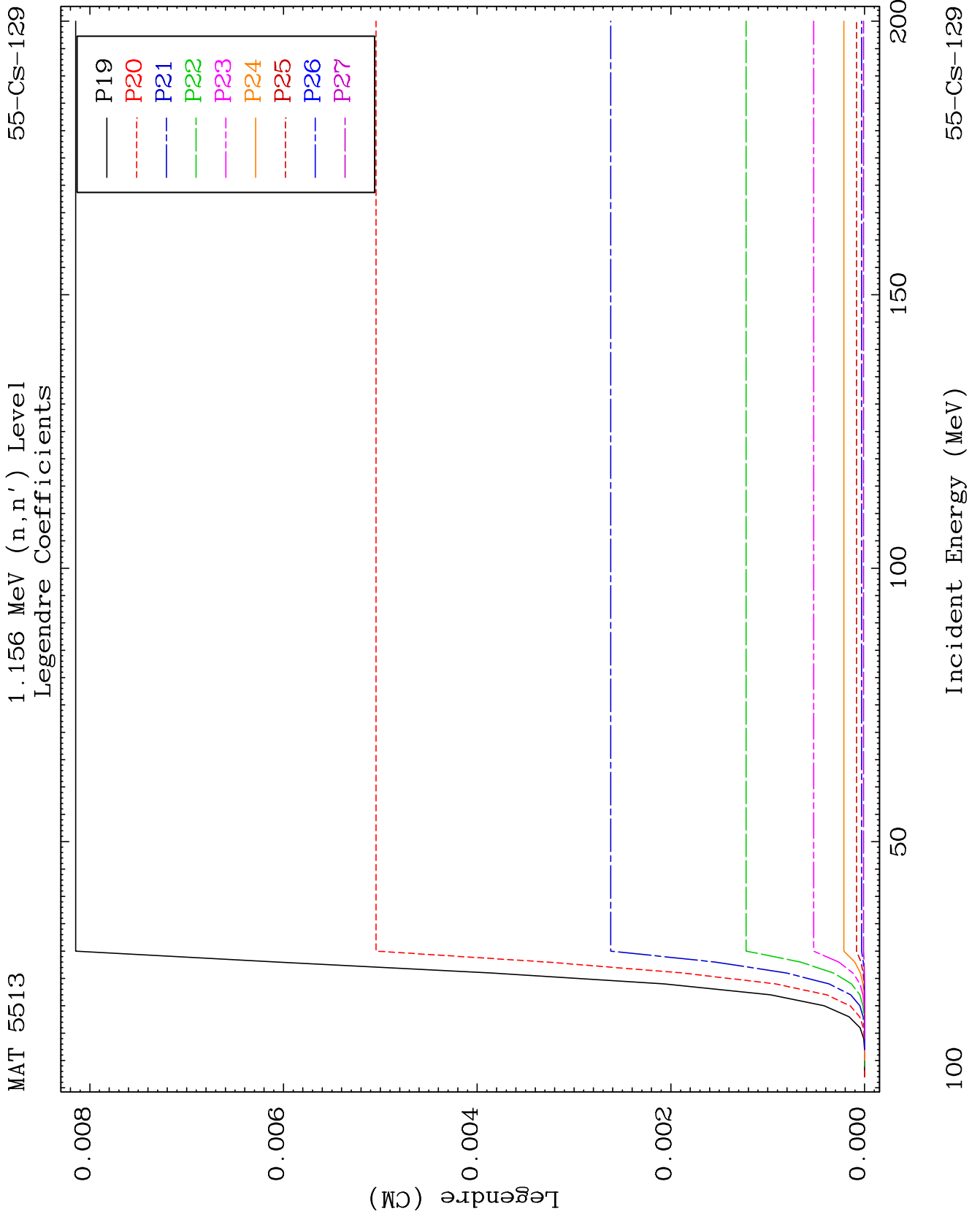
55-Cs-129

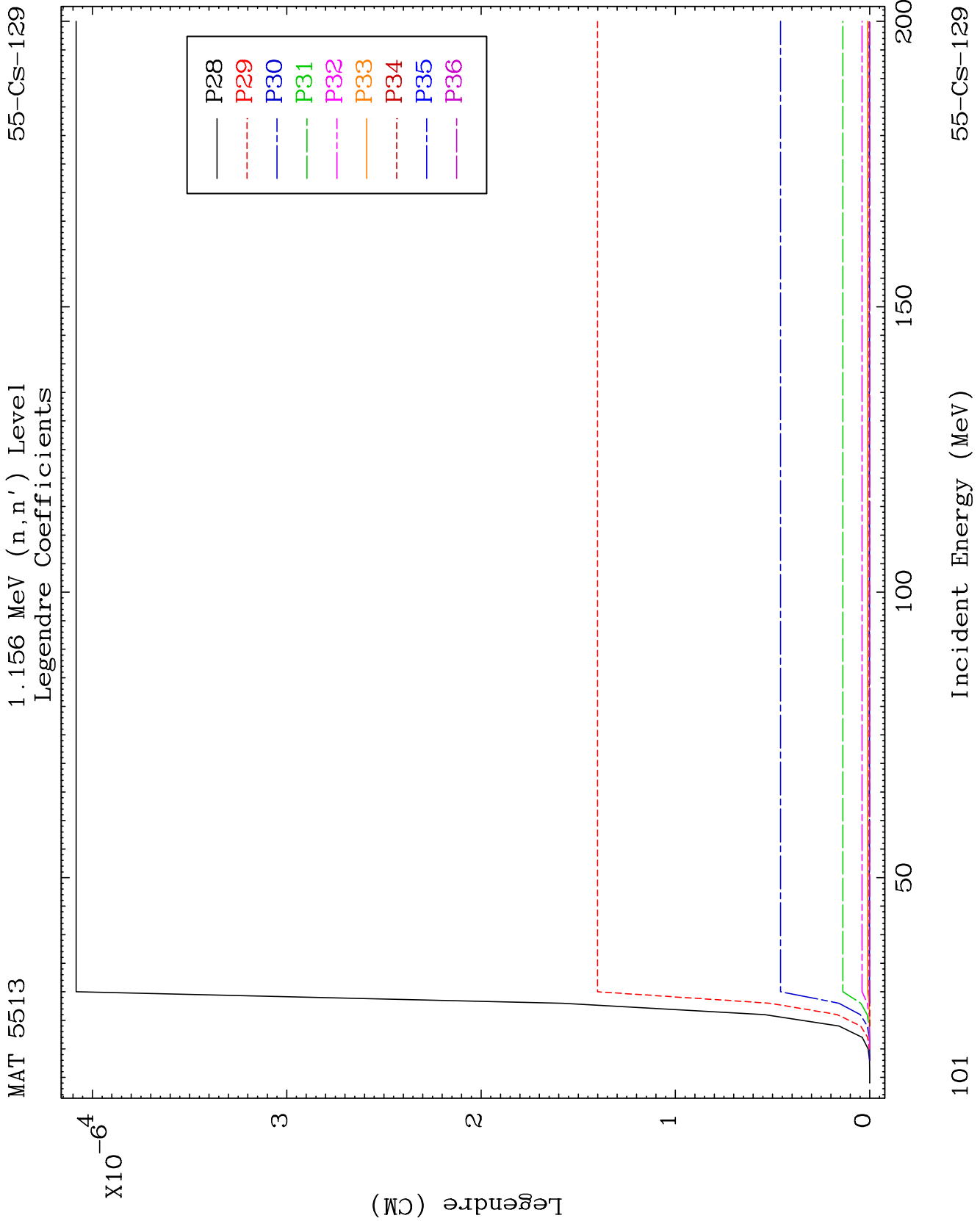


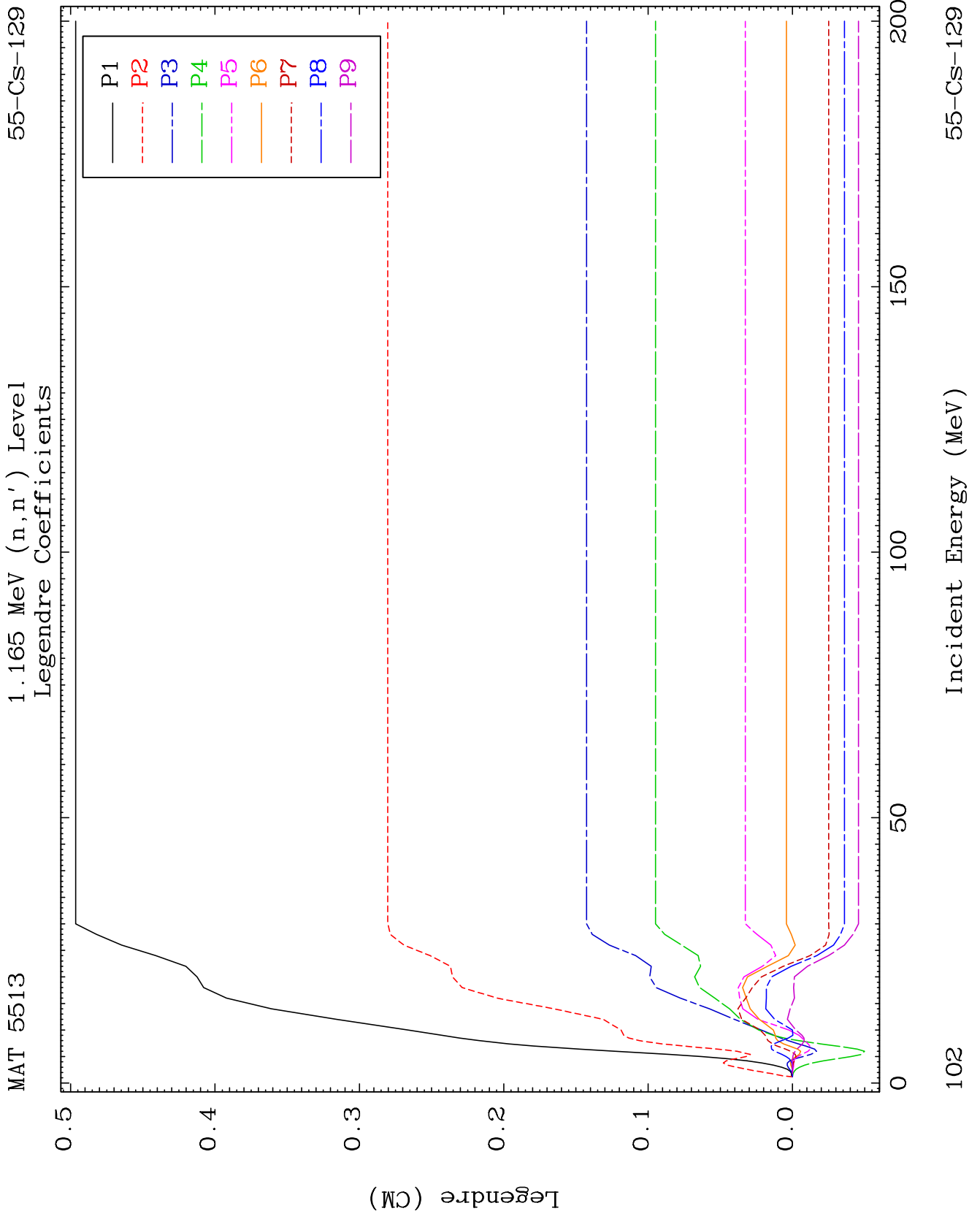


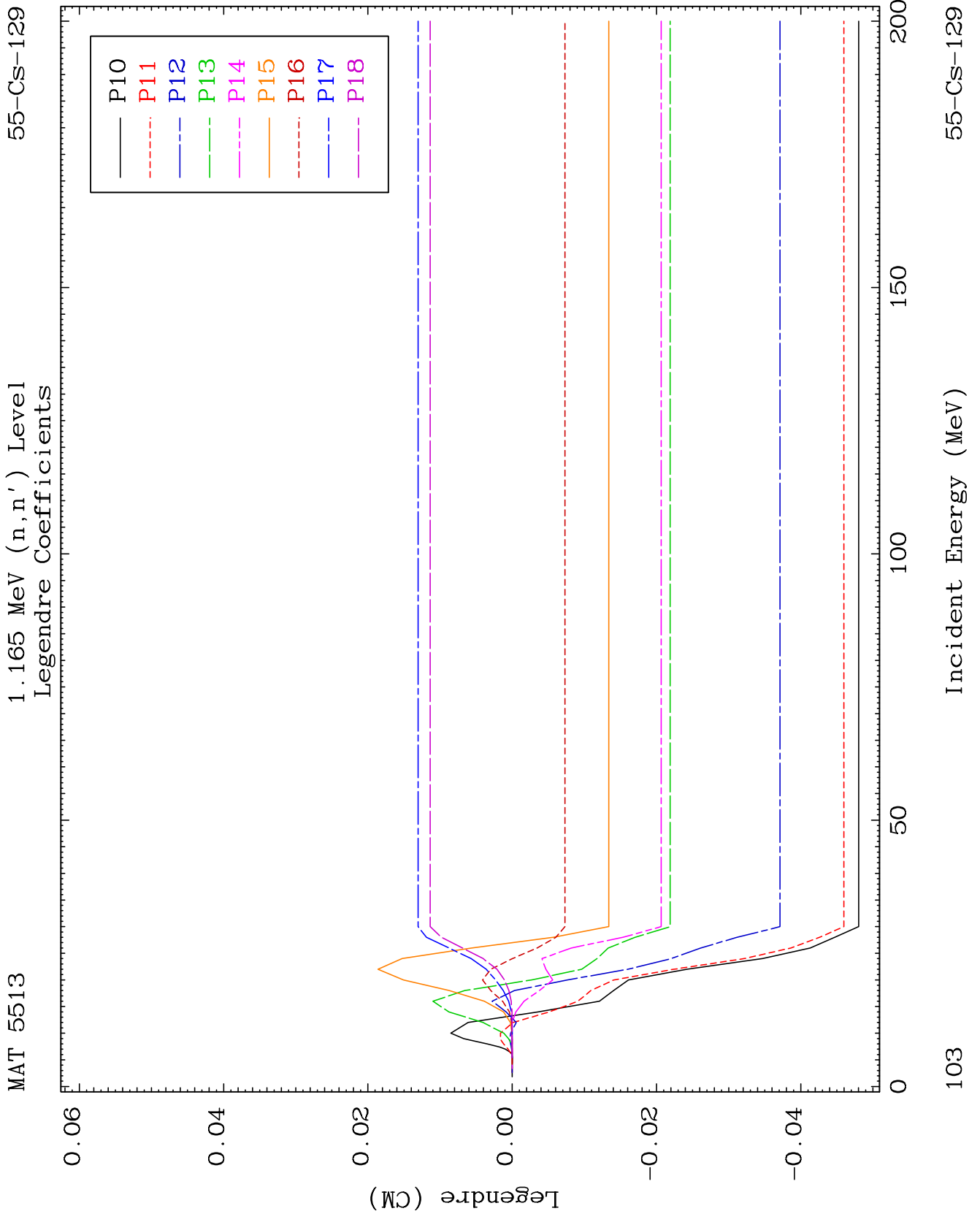


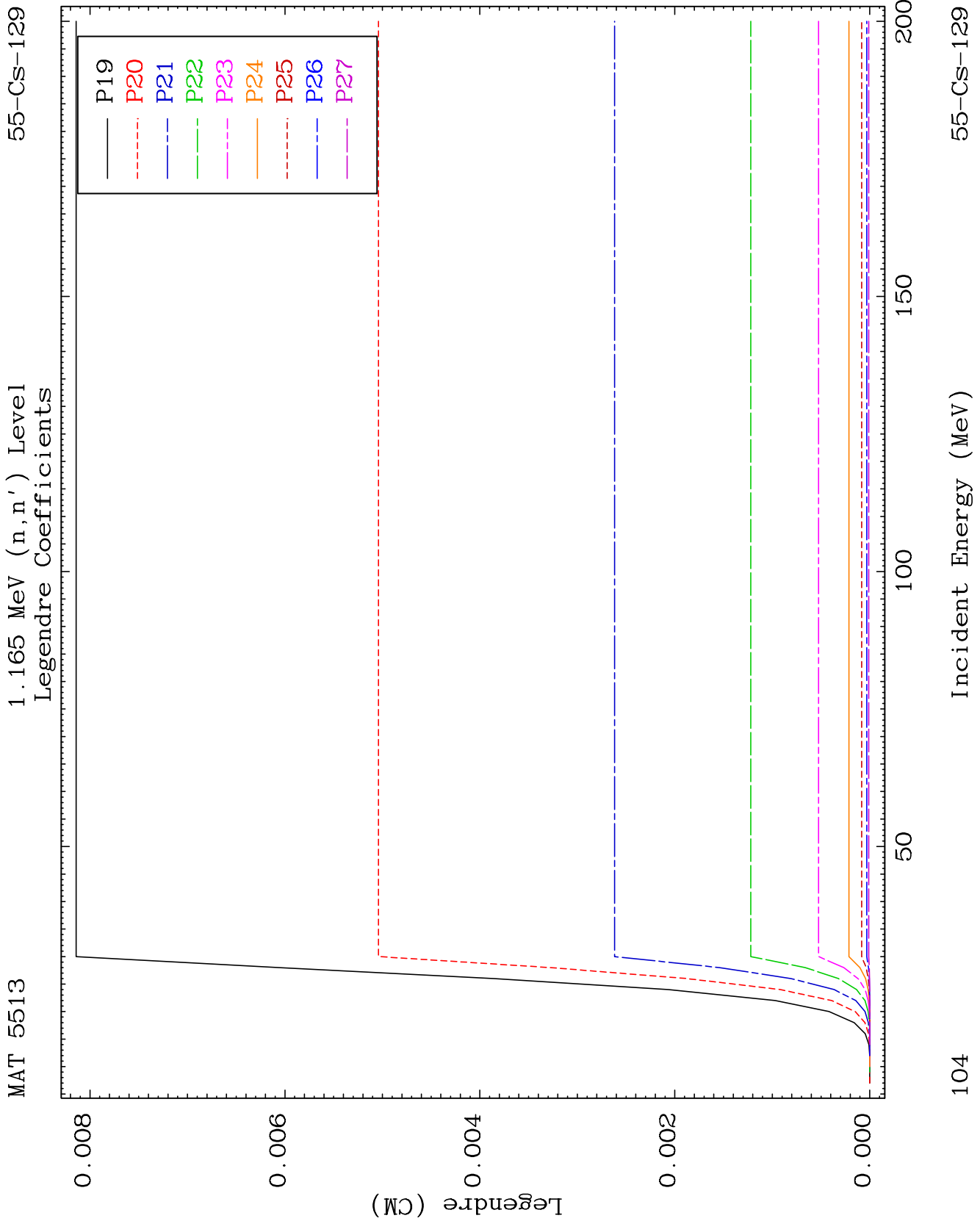


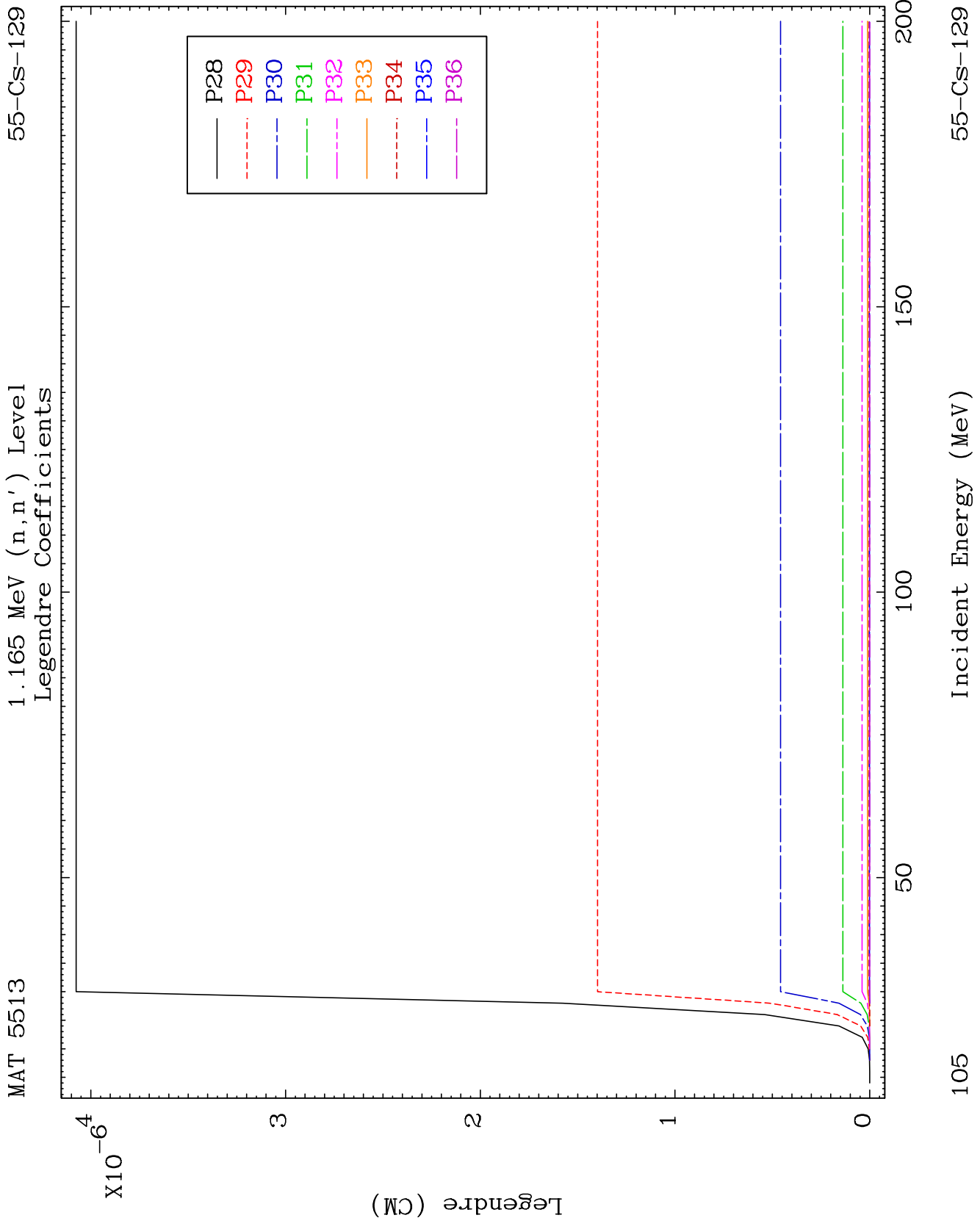


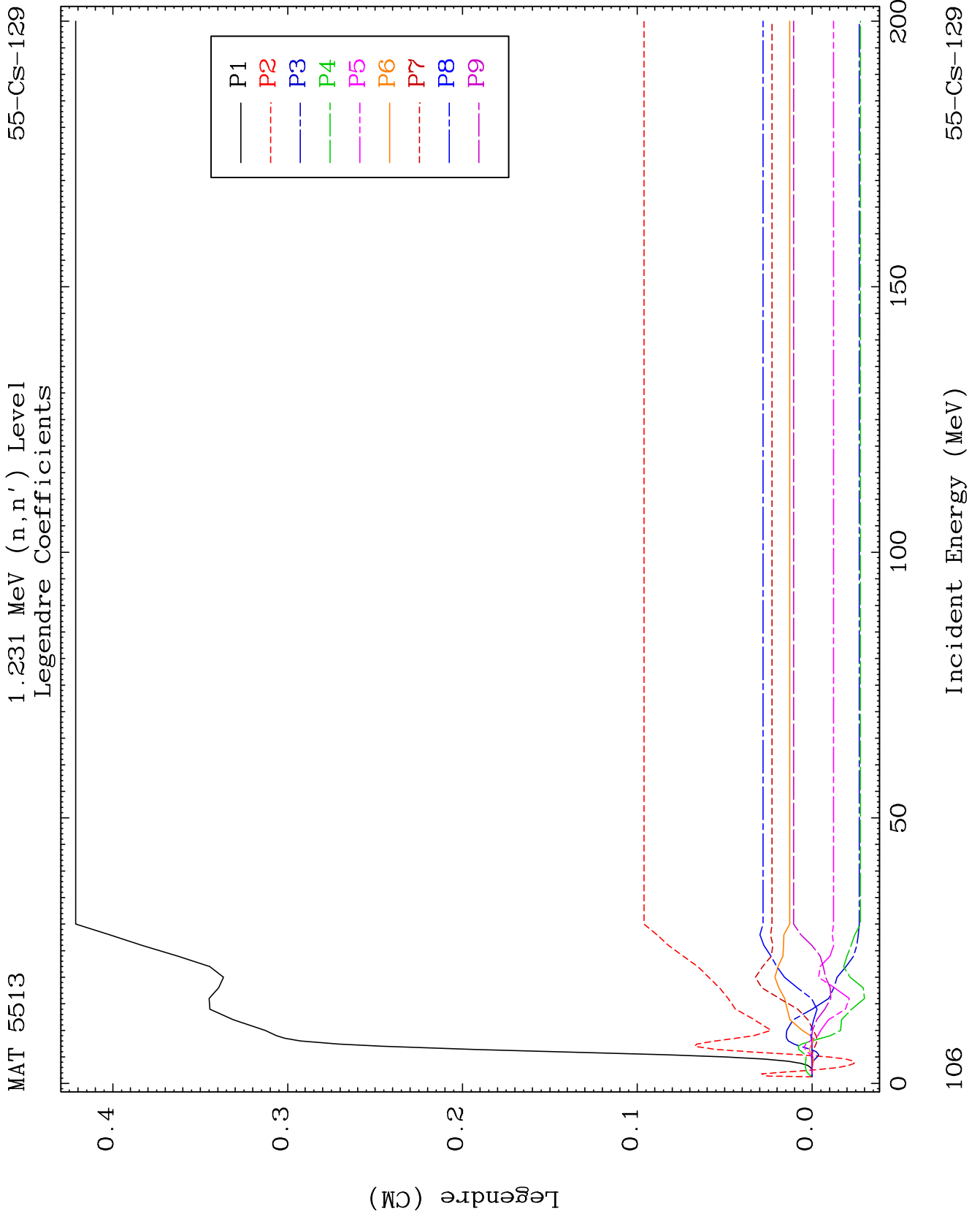








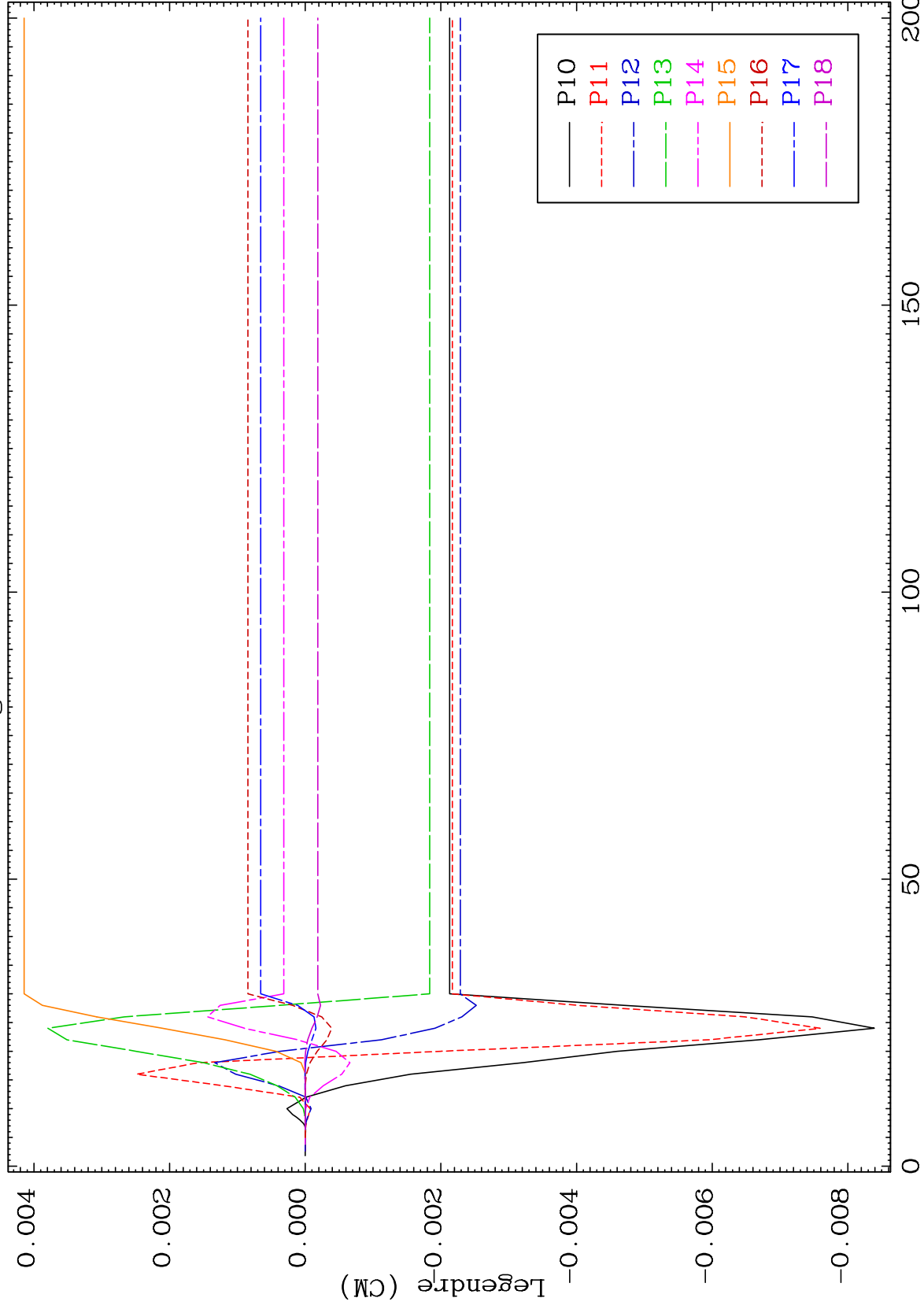




MAT 5513

1.231 MeV (n,n') Level
Legendre Coefficients

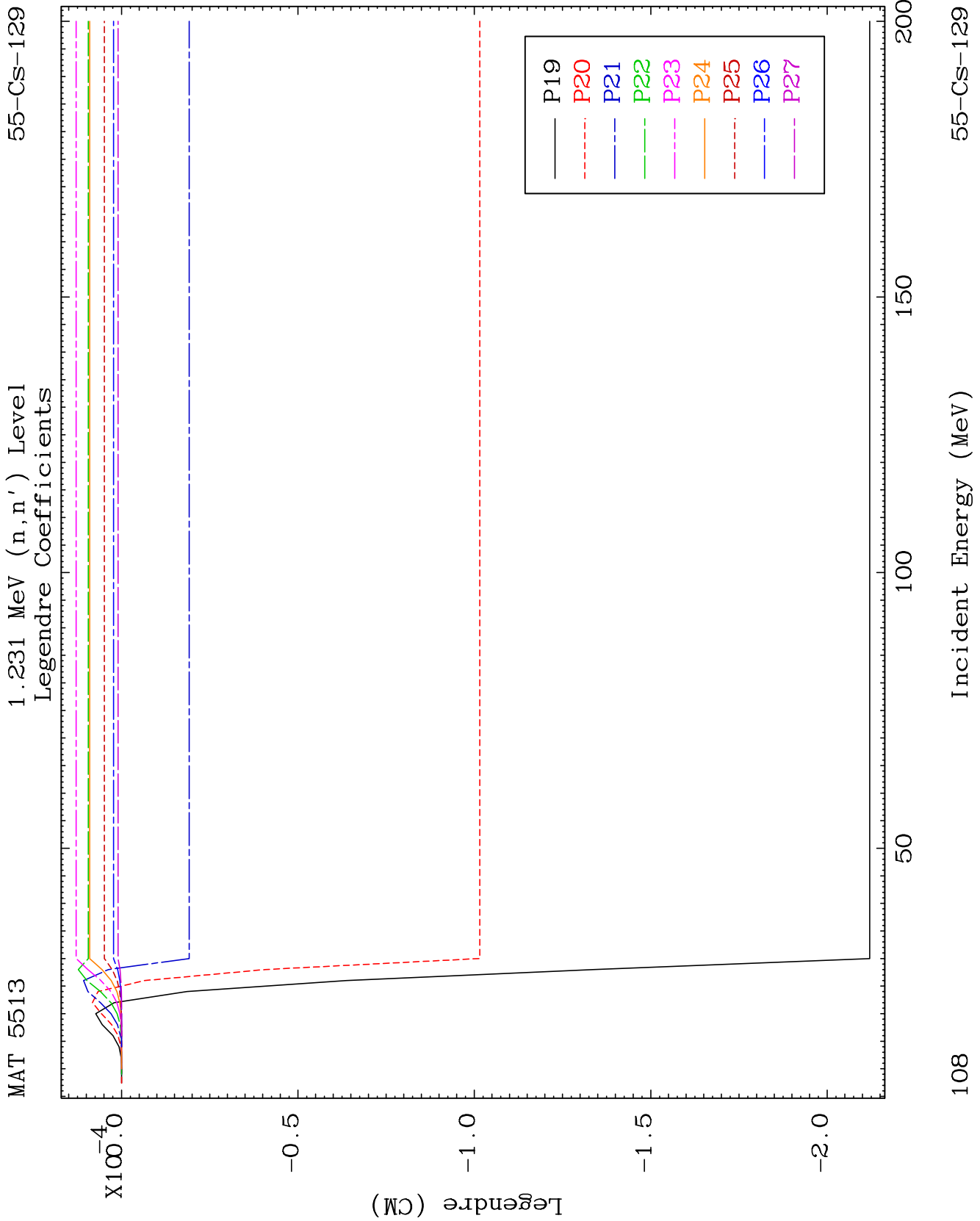
55-Cs-129

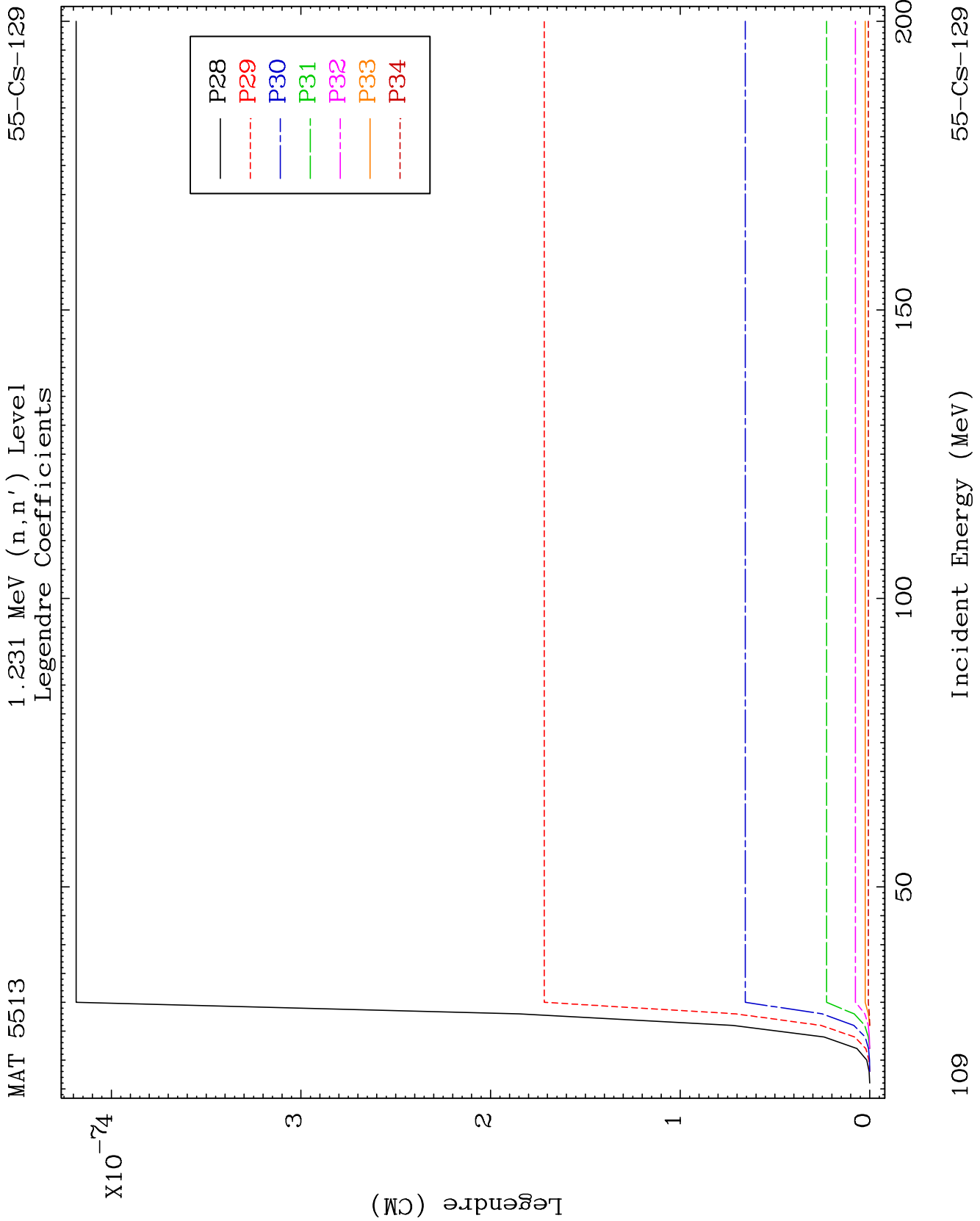


107

Incident Energy (MeV)

55-Cs-129

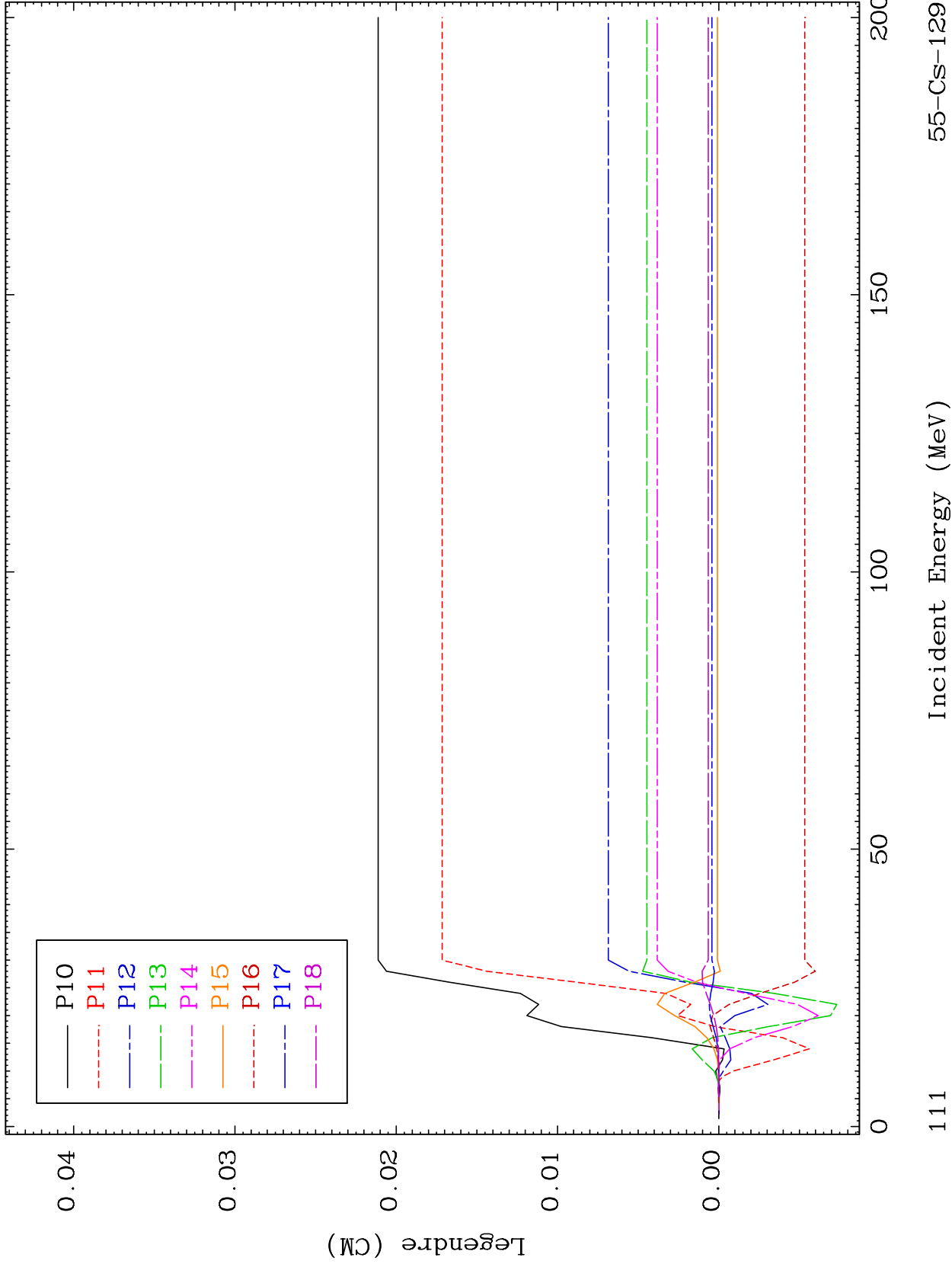




MAT 5513

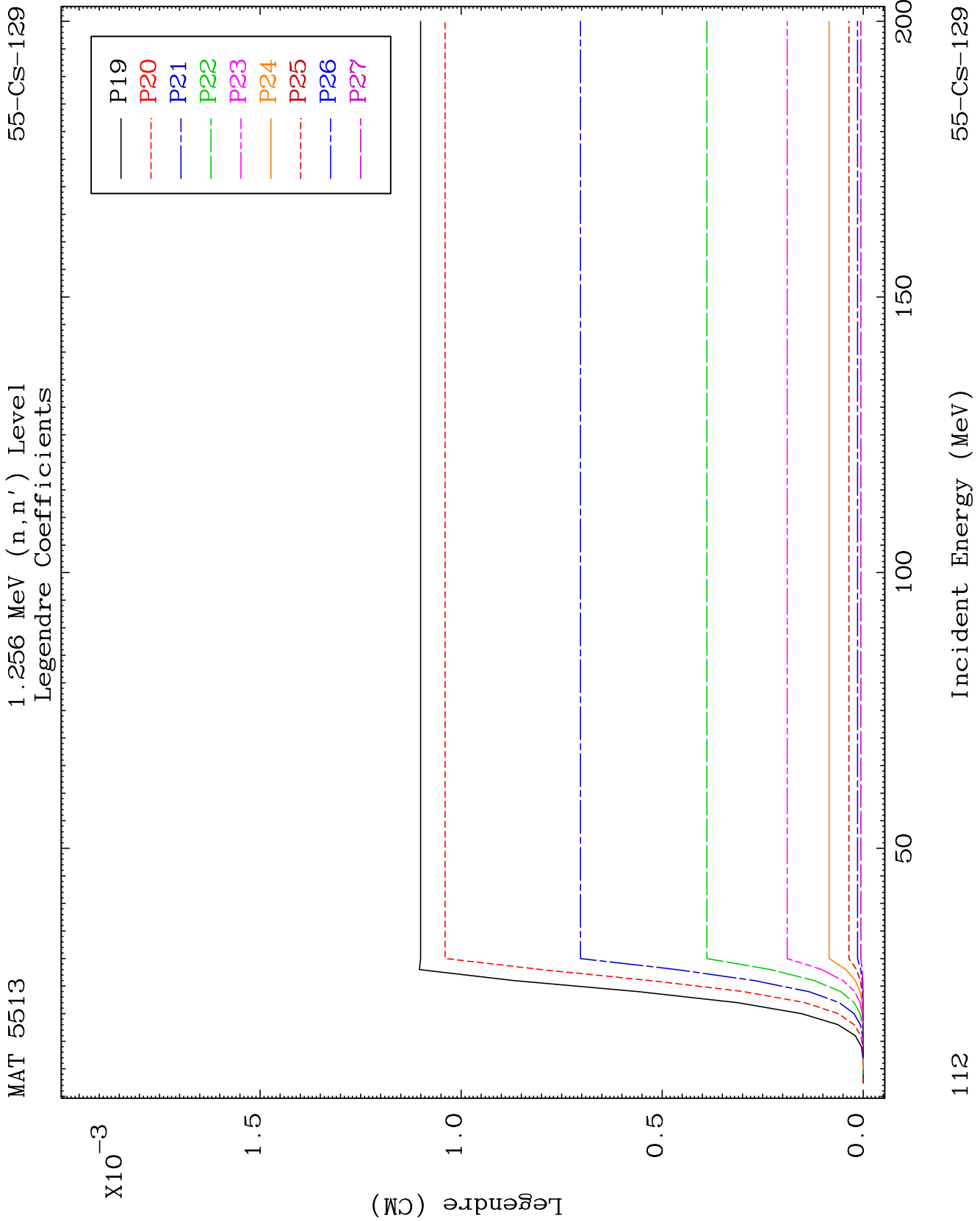
1.256 MeV (n,n') Level
Legendre Coefficients

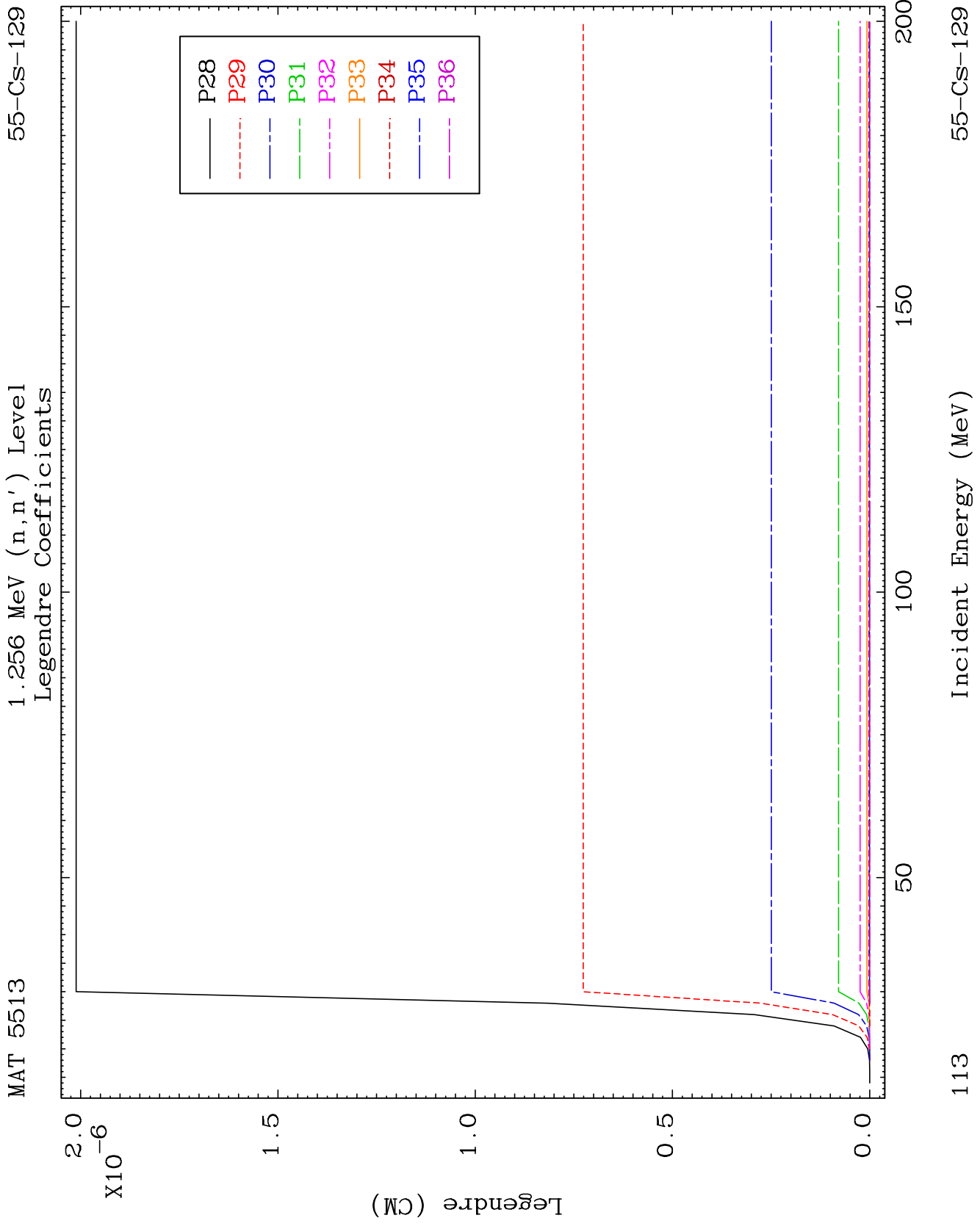
55-Cs-129

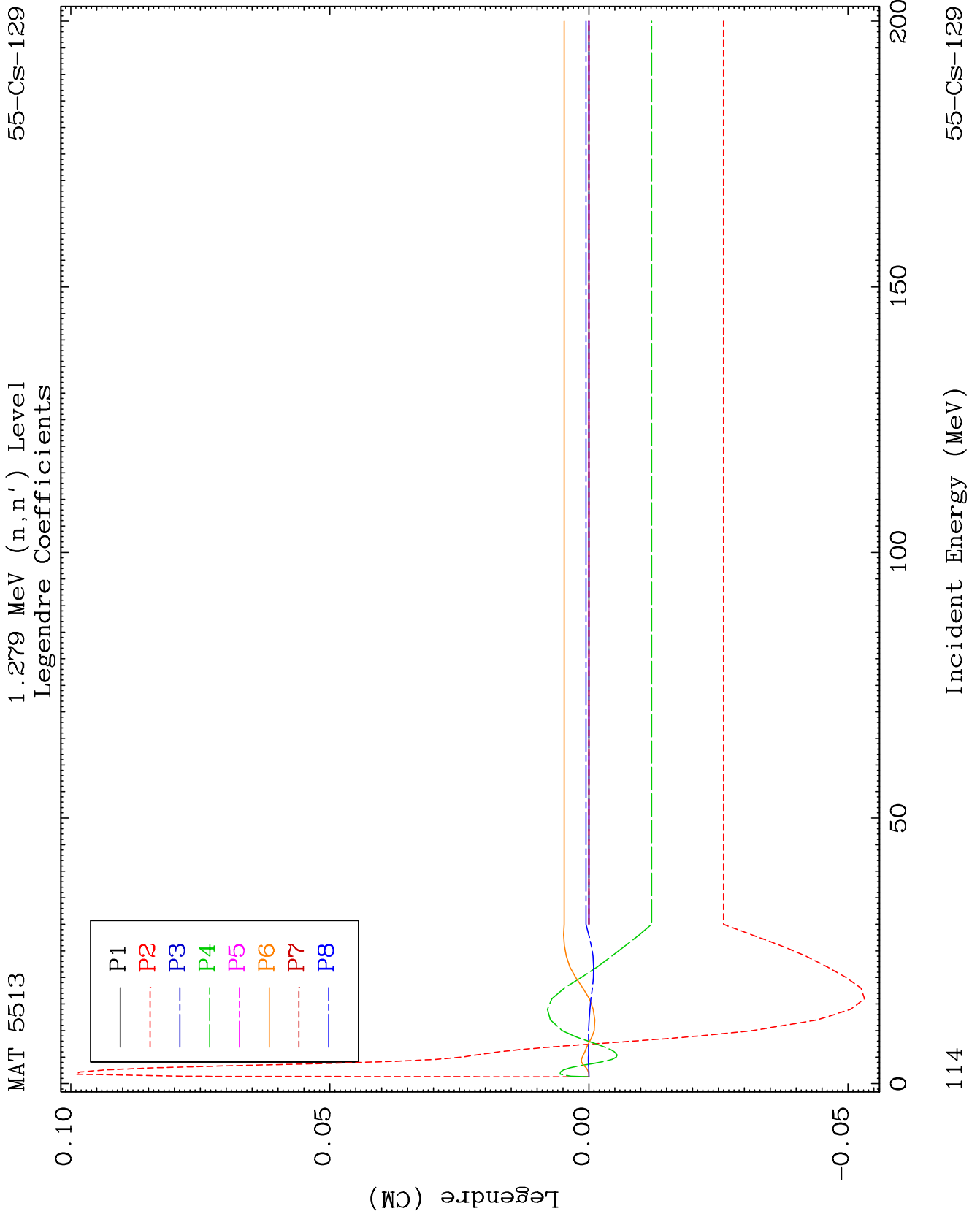


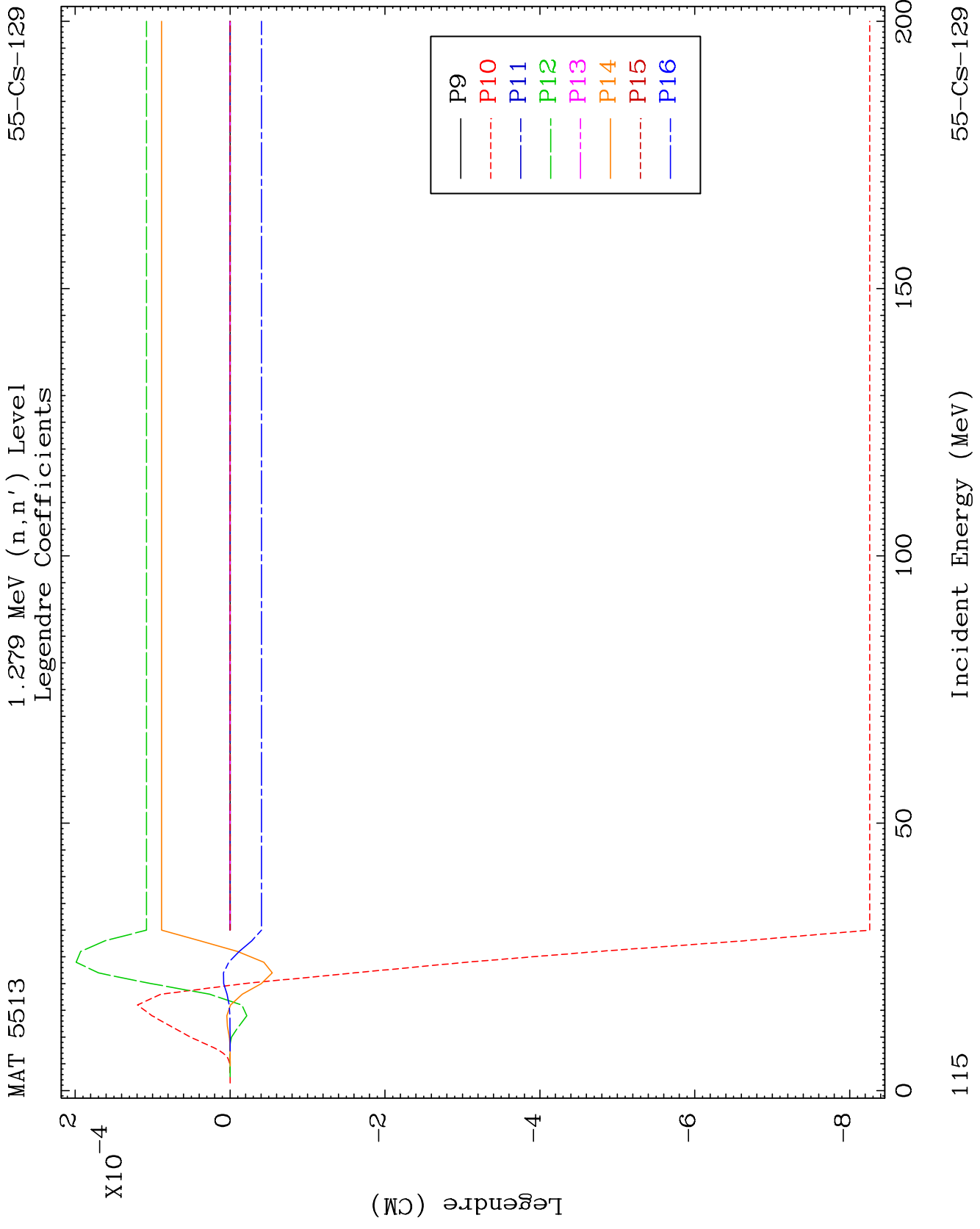
111

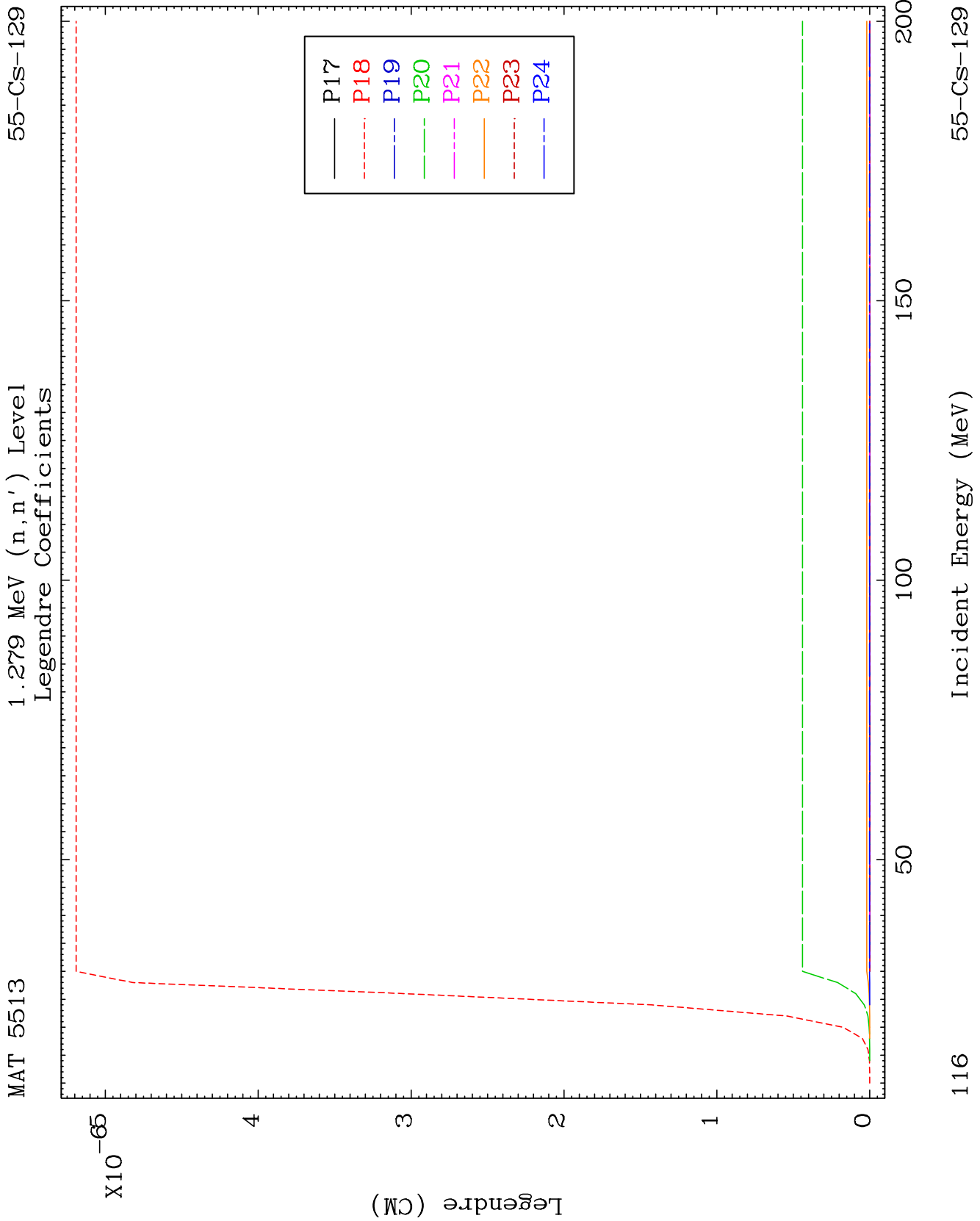
55-Cs-129

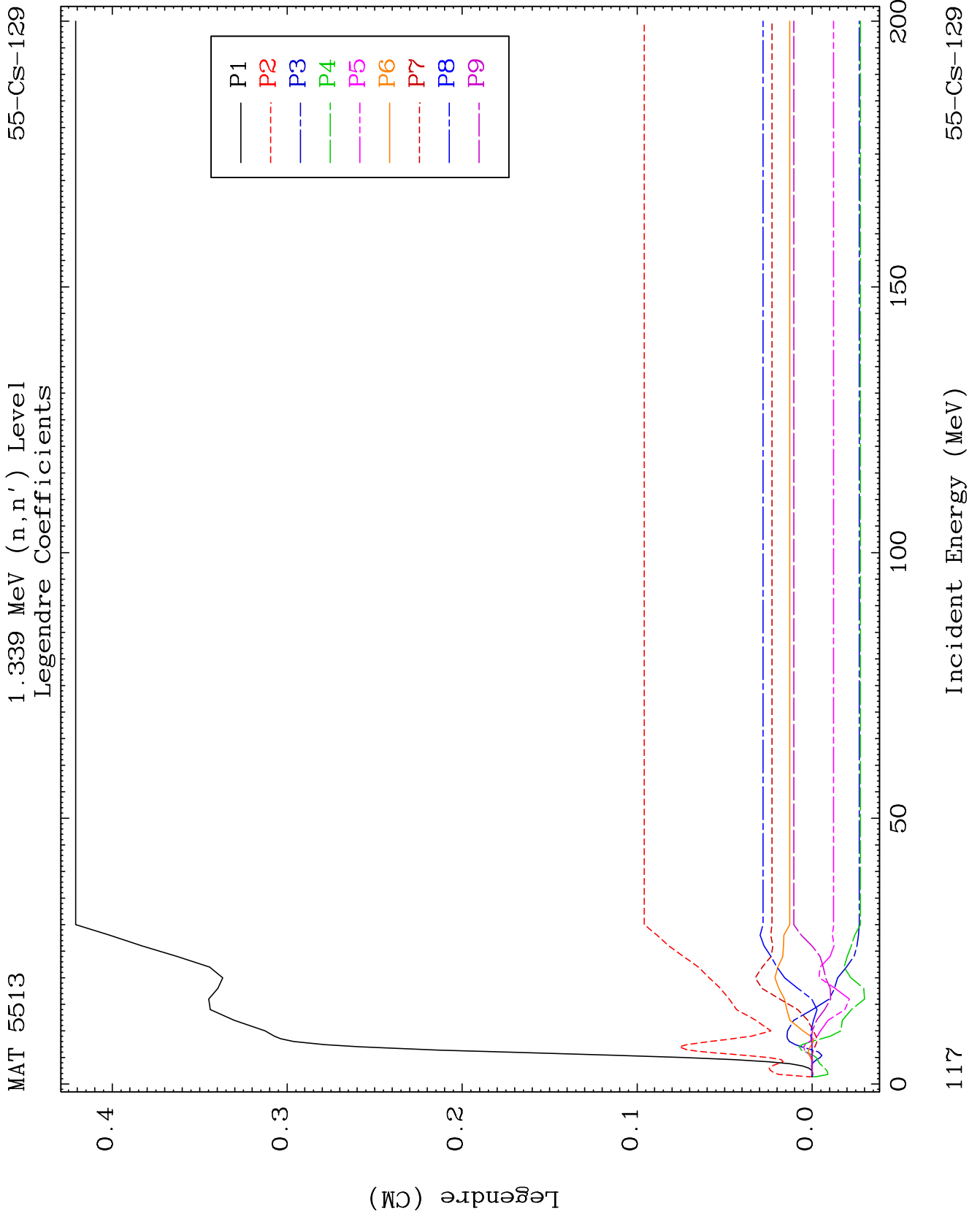








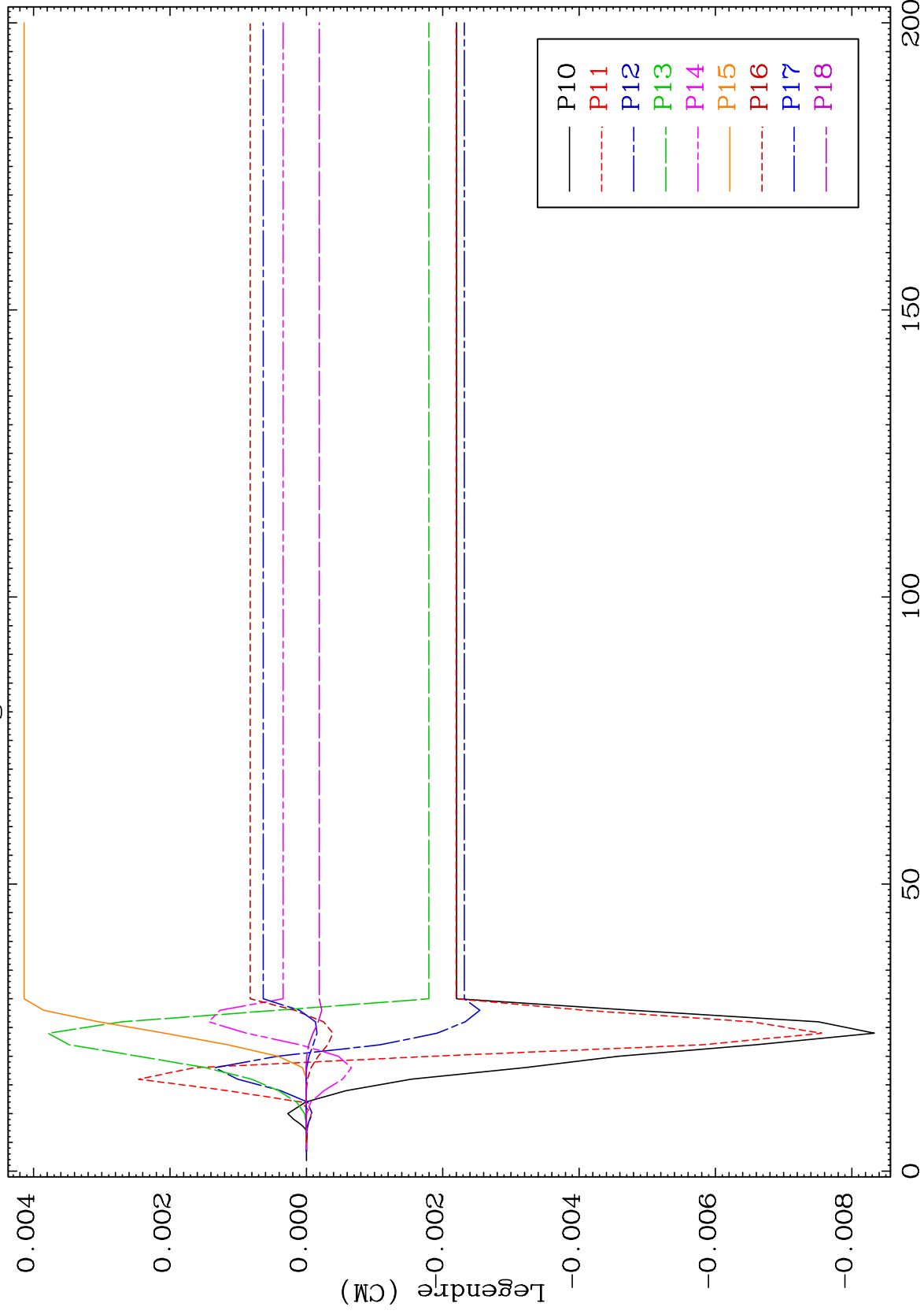




MAT 5513

1.339 MeV (n,n') Level
Legendre Coefficients

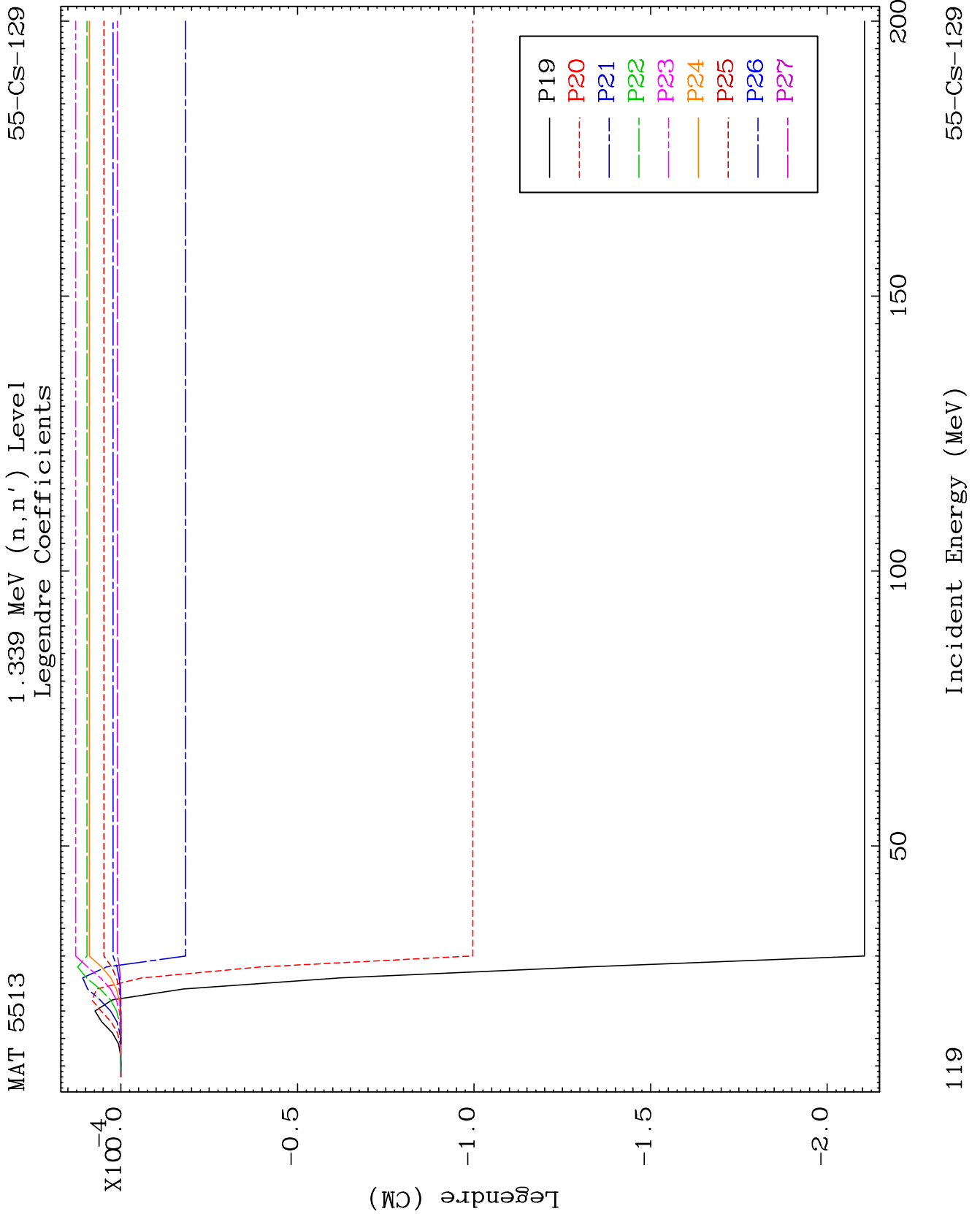
55-Cs-129

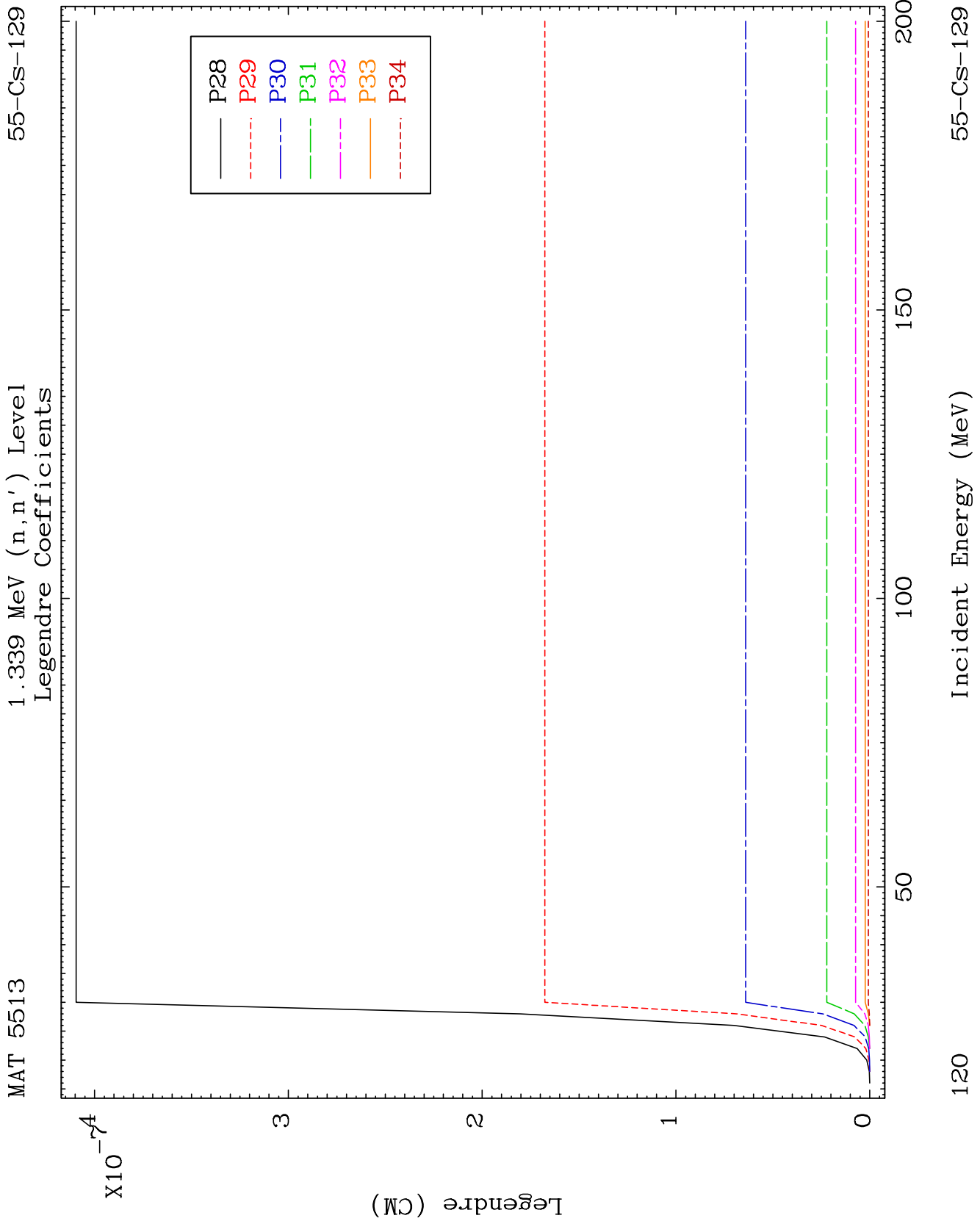


118

Incident Energy (MeV)

55-Cs-129

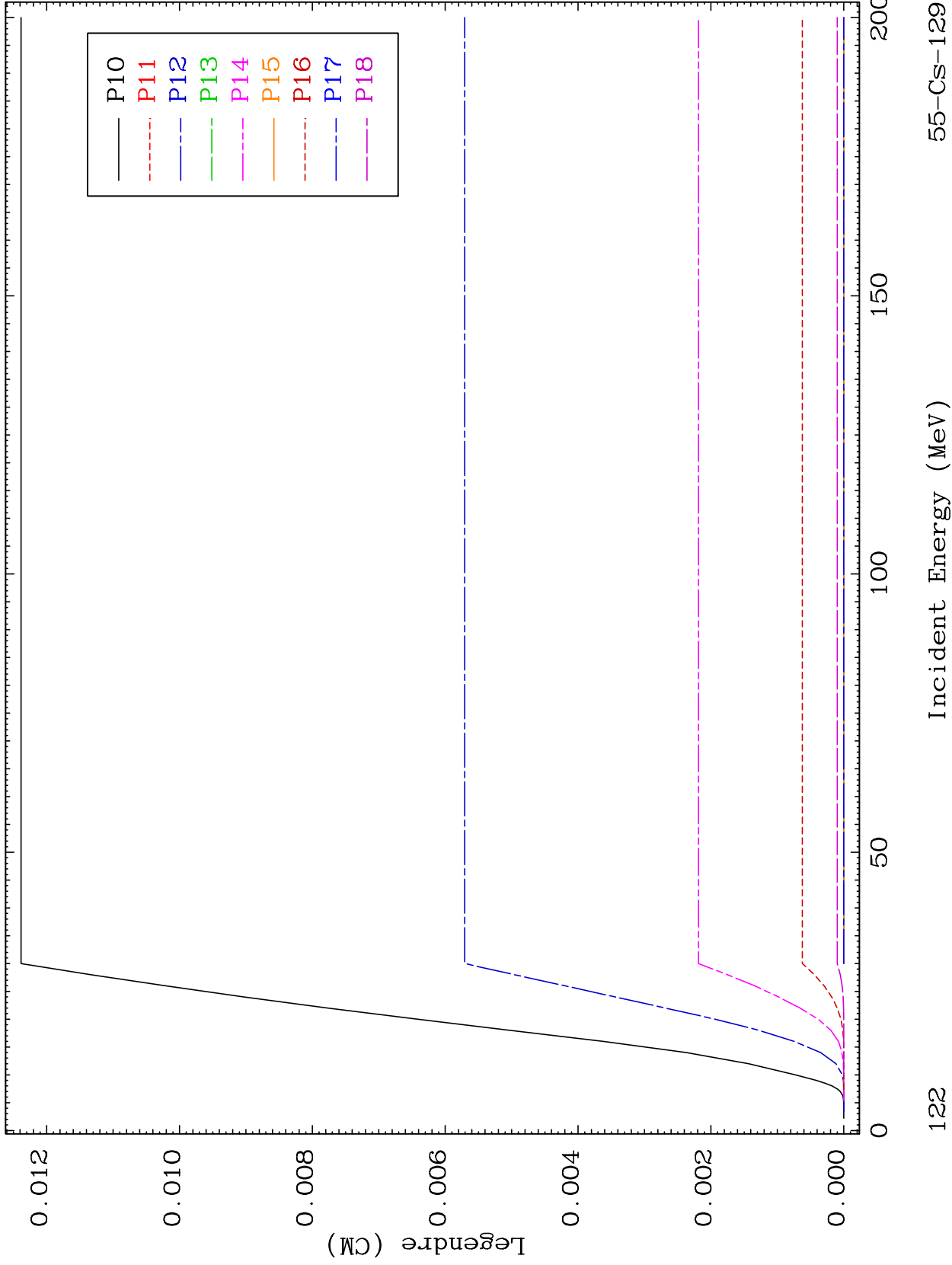




MAT 5513

1.609 MeV (n,n') Level
Legendre Coefficients

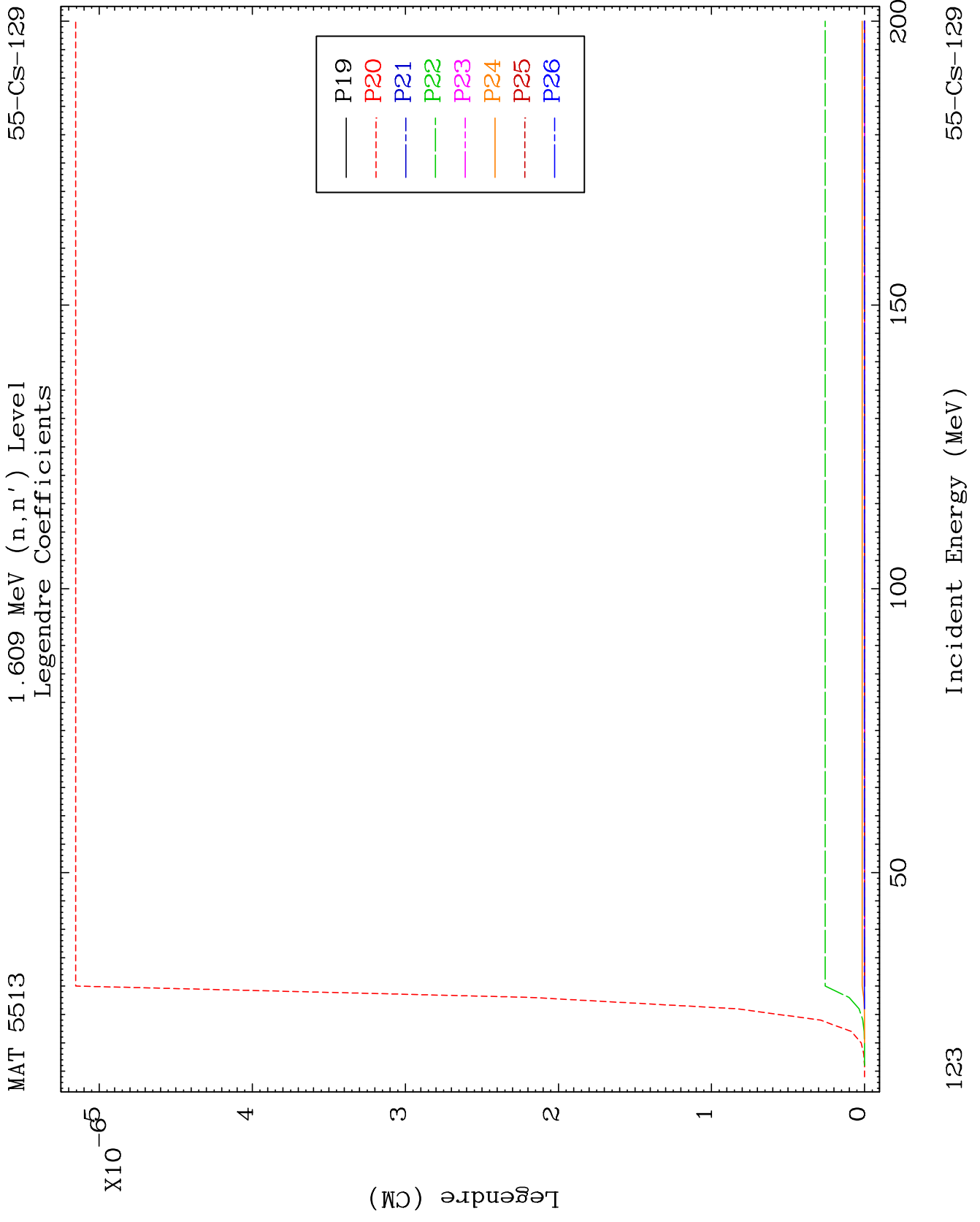
55-Cs-129

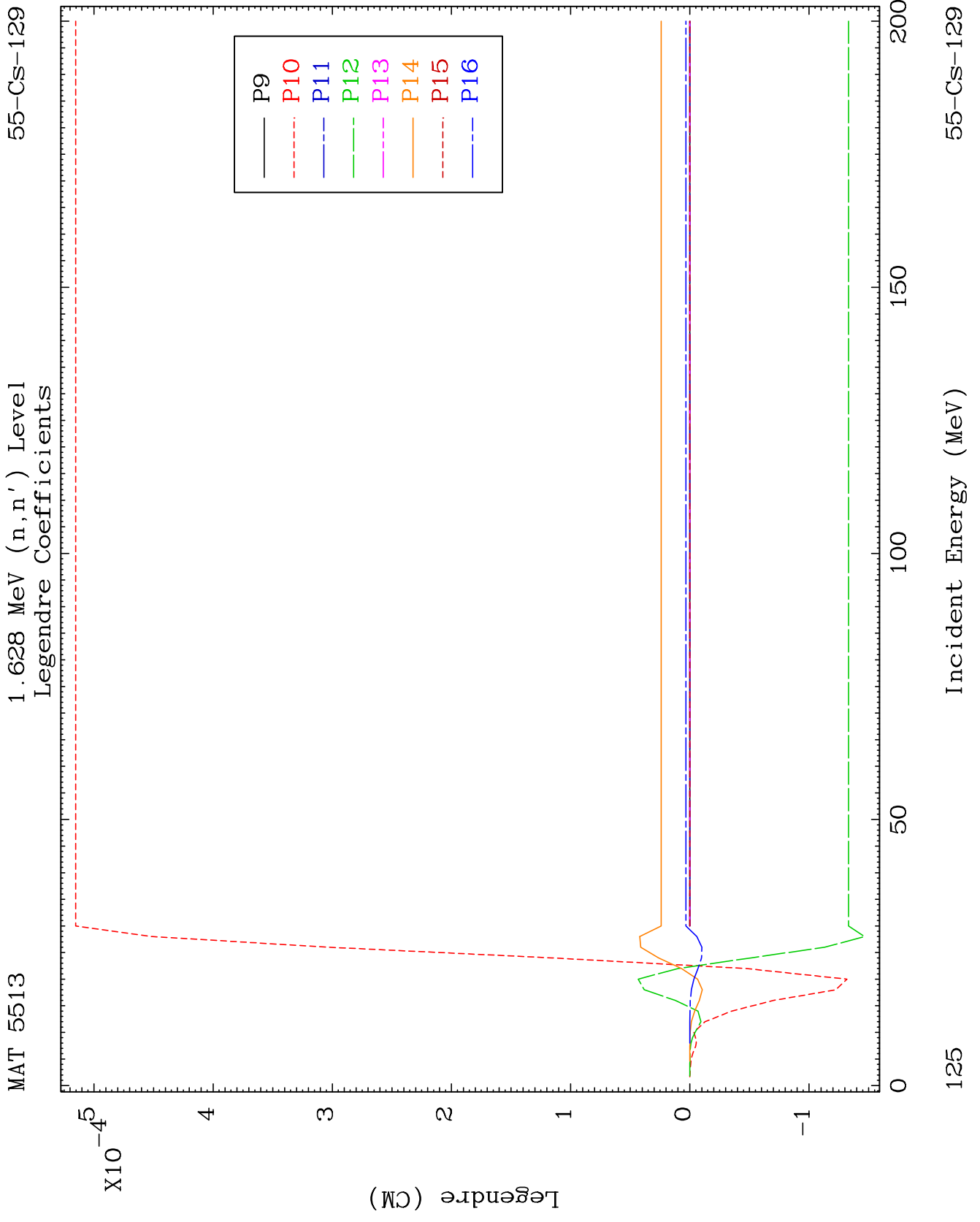


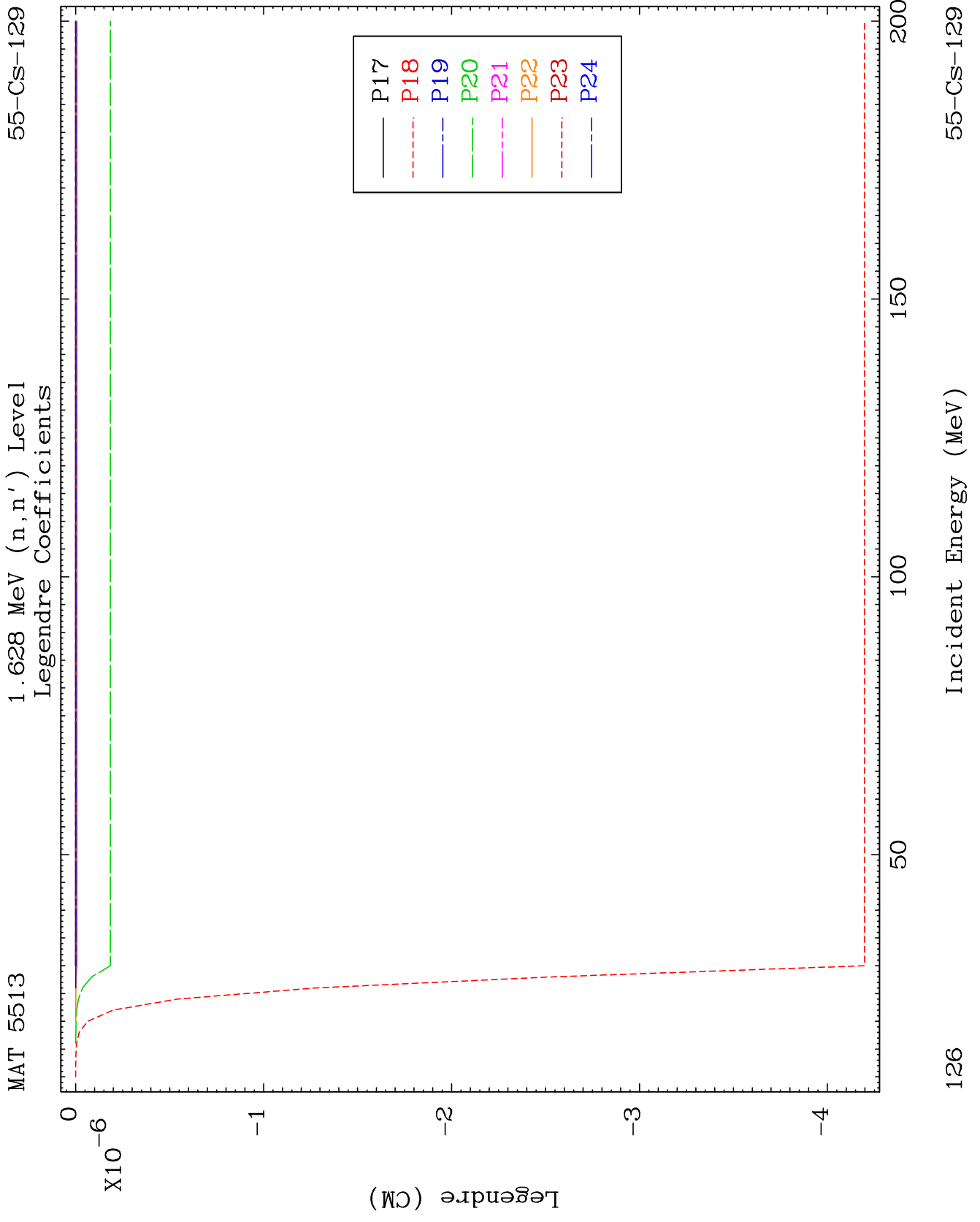
122

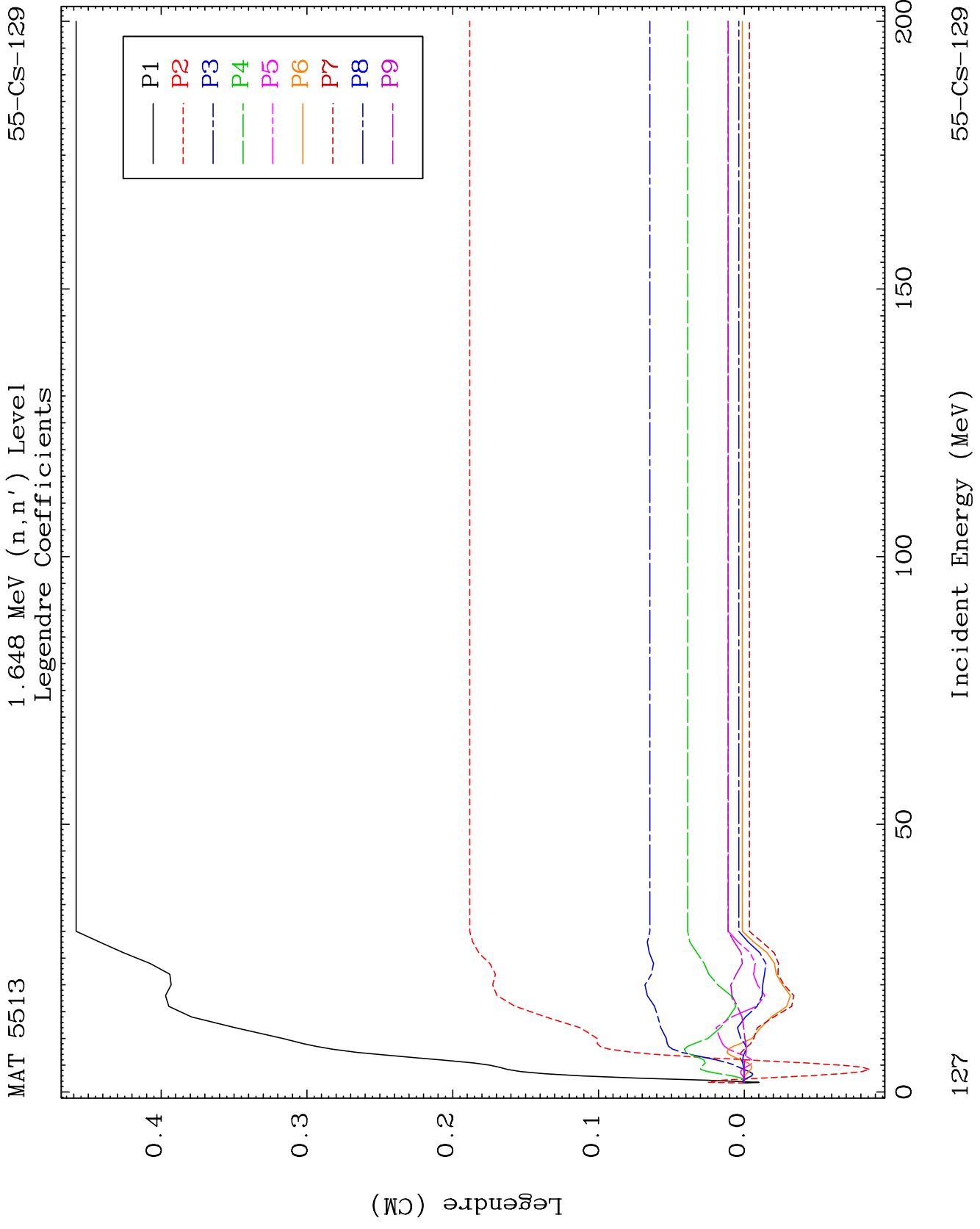
Incident Energy (MeV)

55-Cs-129





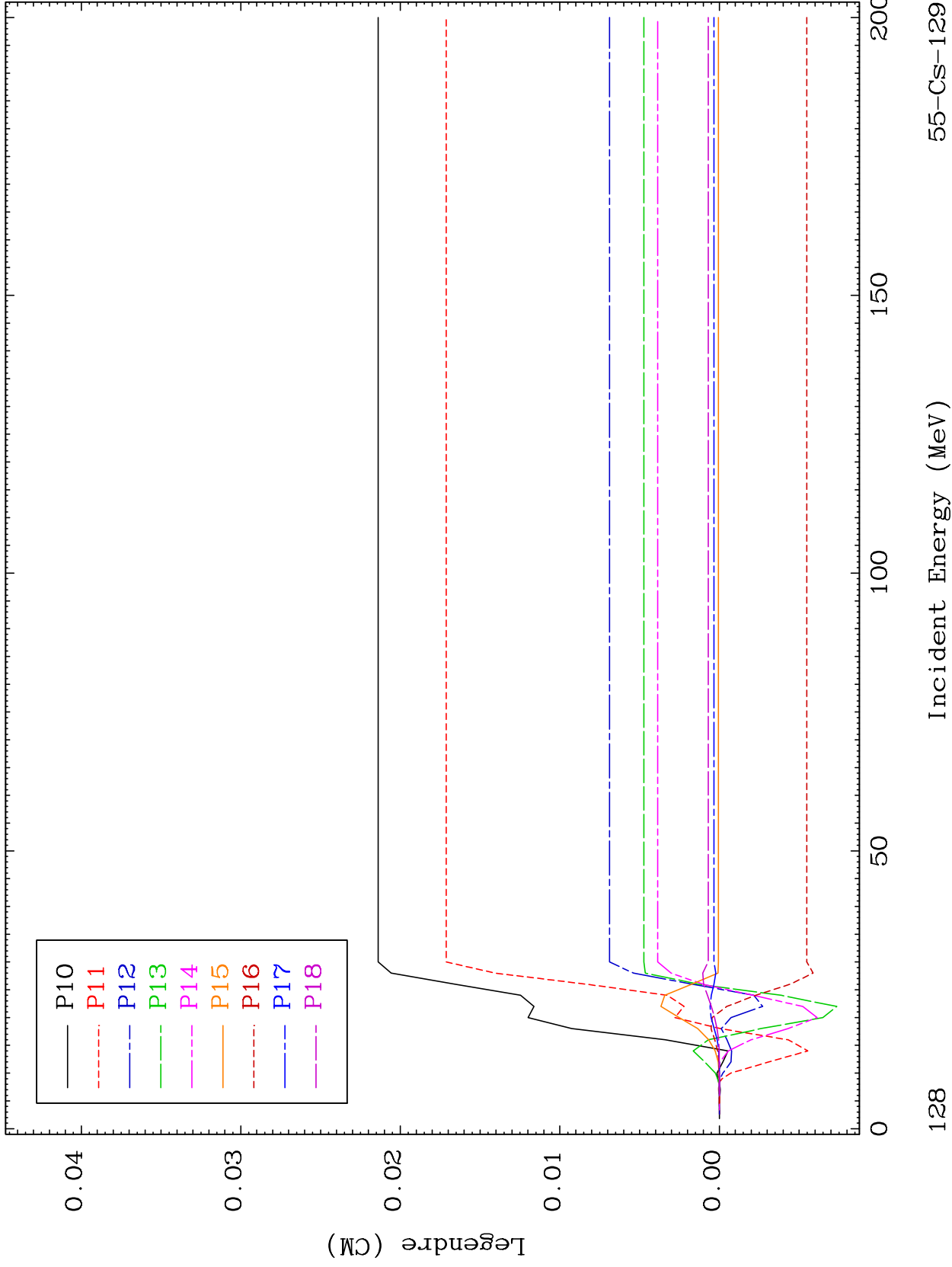




MAT 5513

1.648 MeV (n,n') Level
Legendre Coefficients

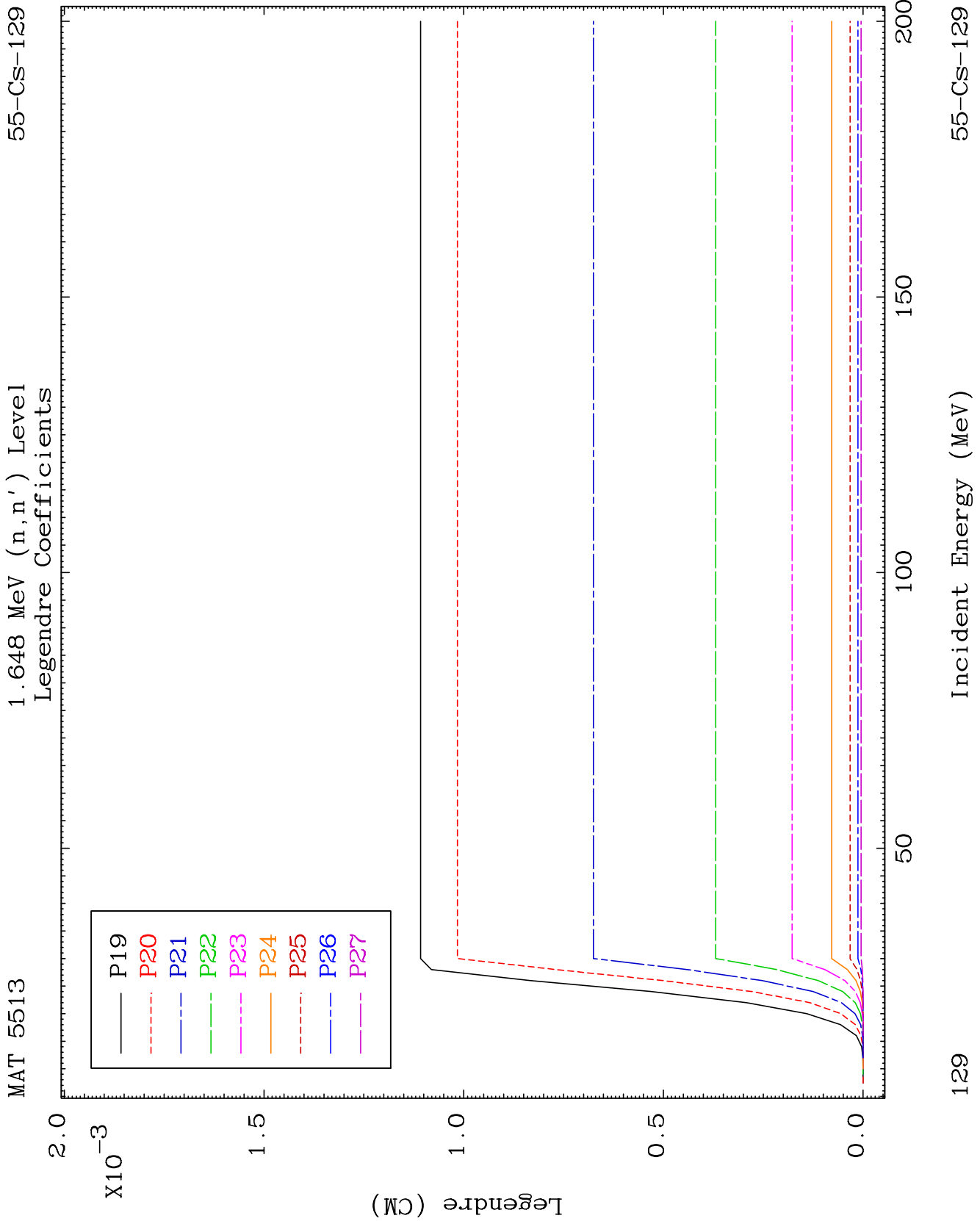
55-Cs-129

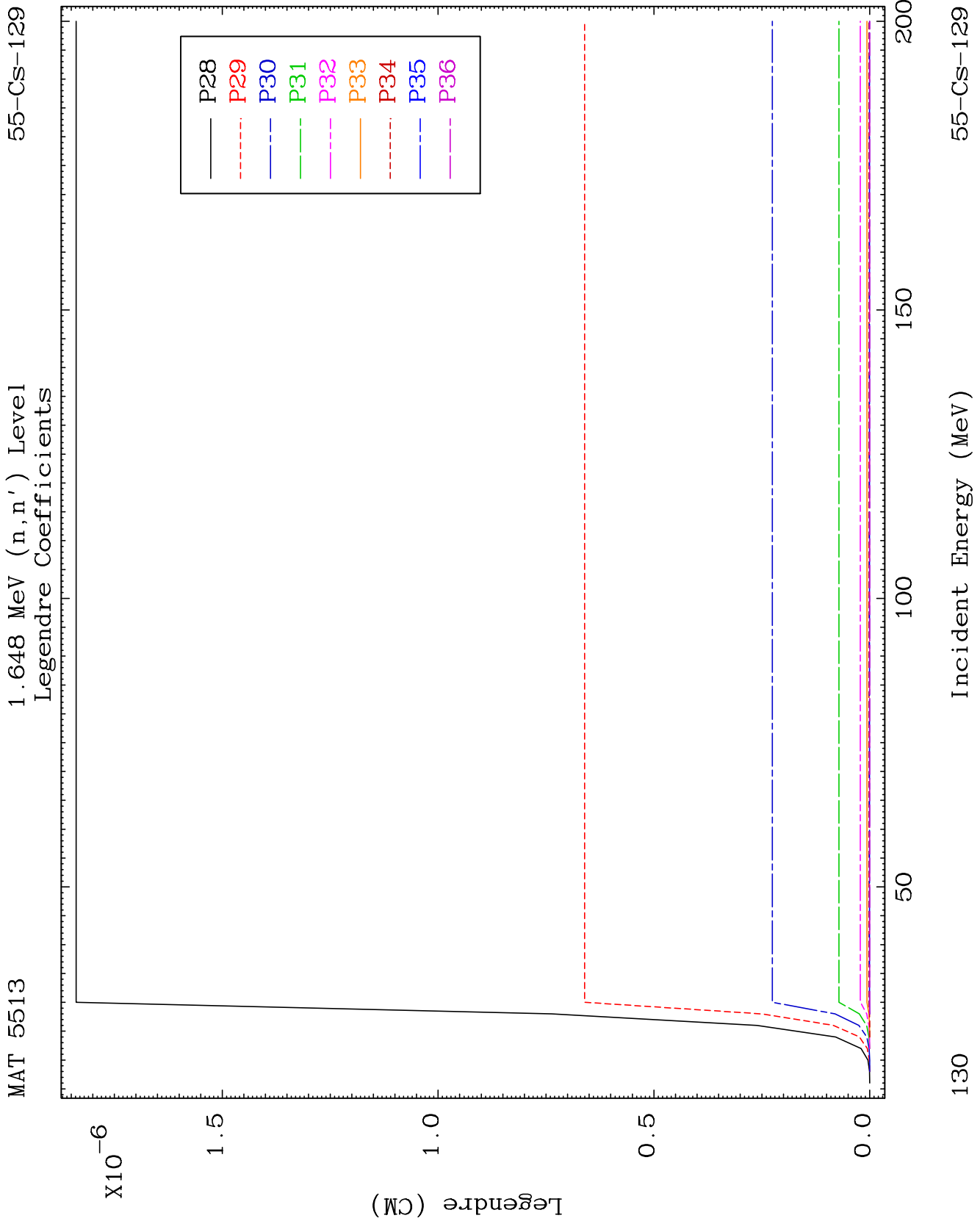


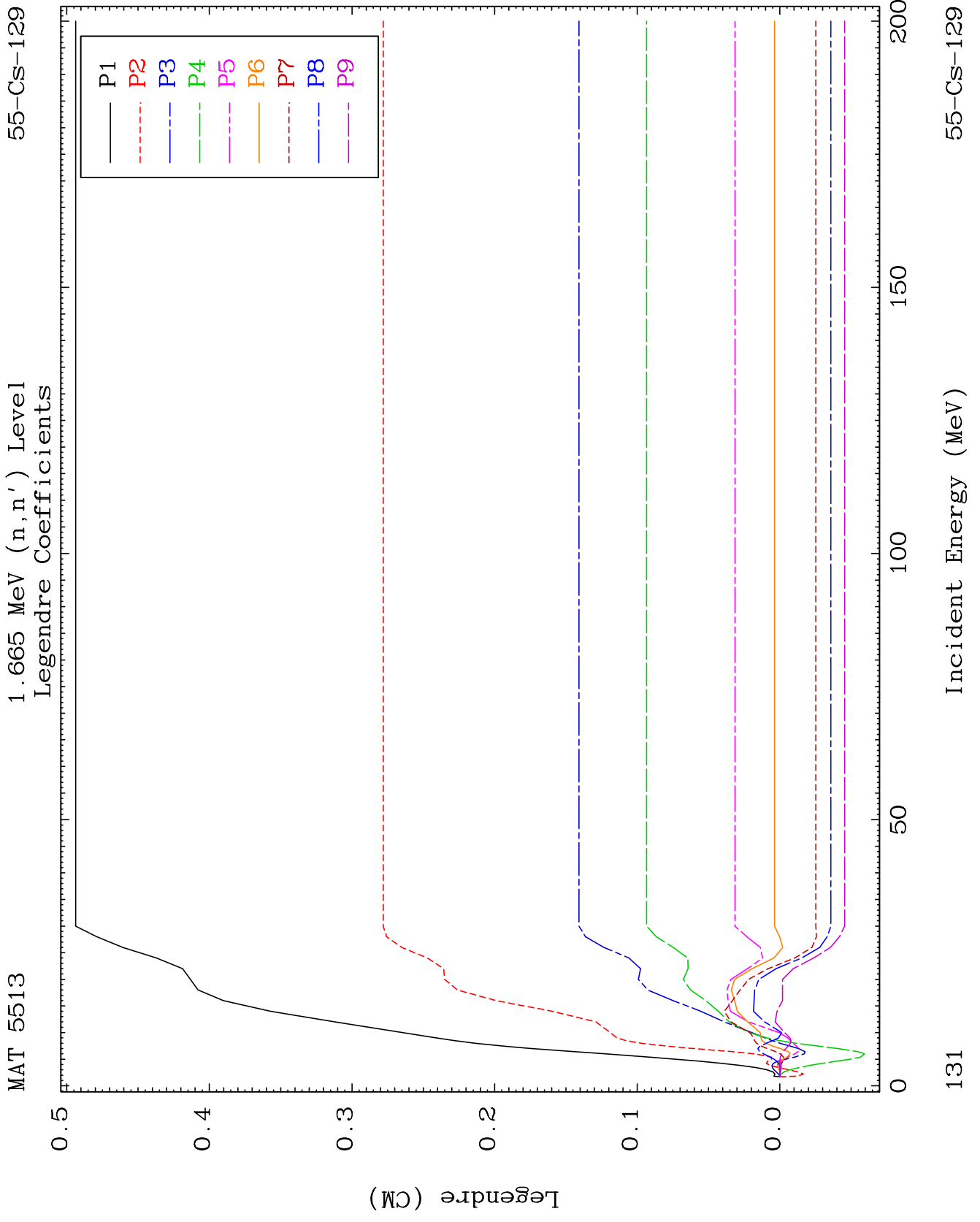
55-Cs-129

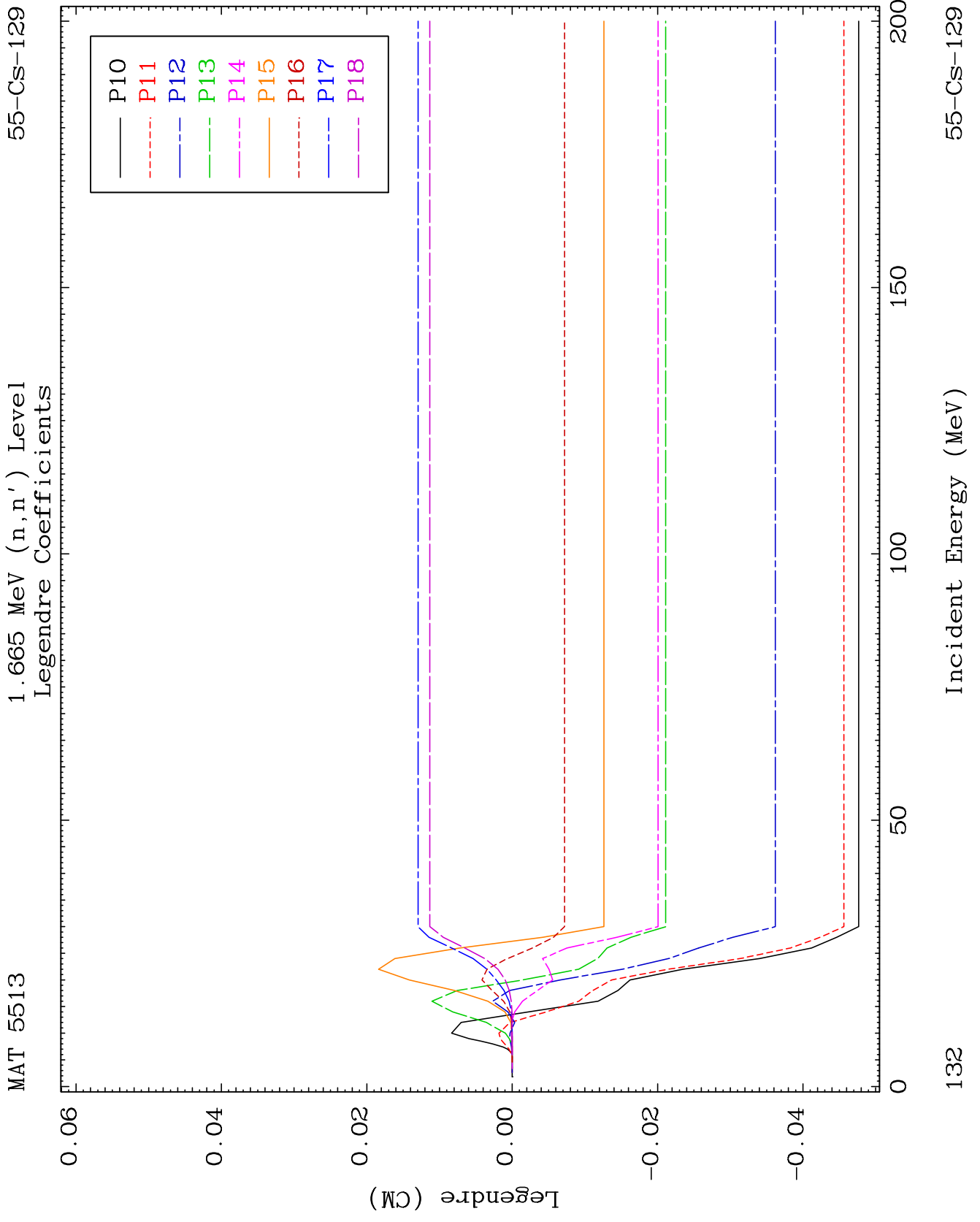
Incident Energy (MeV)

128





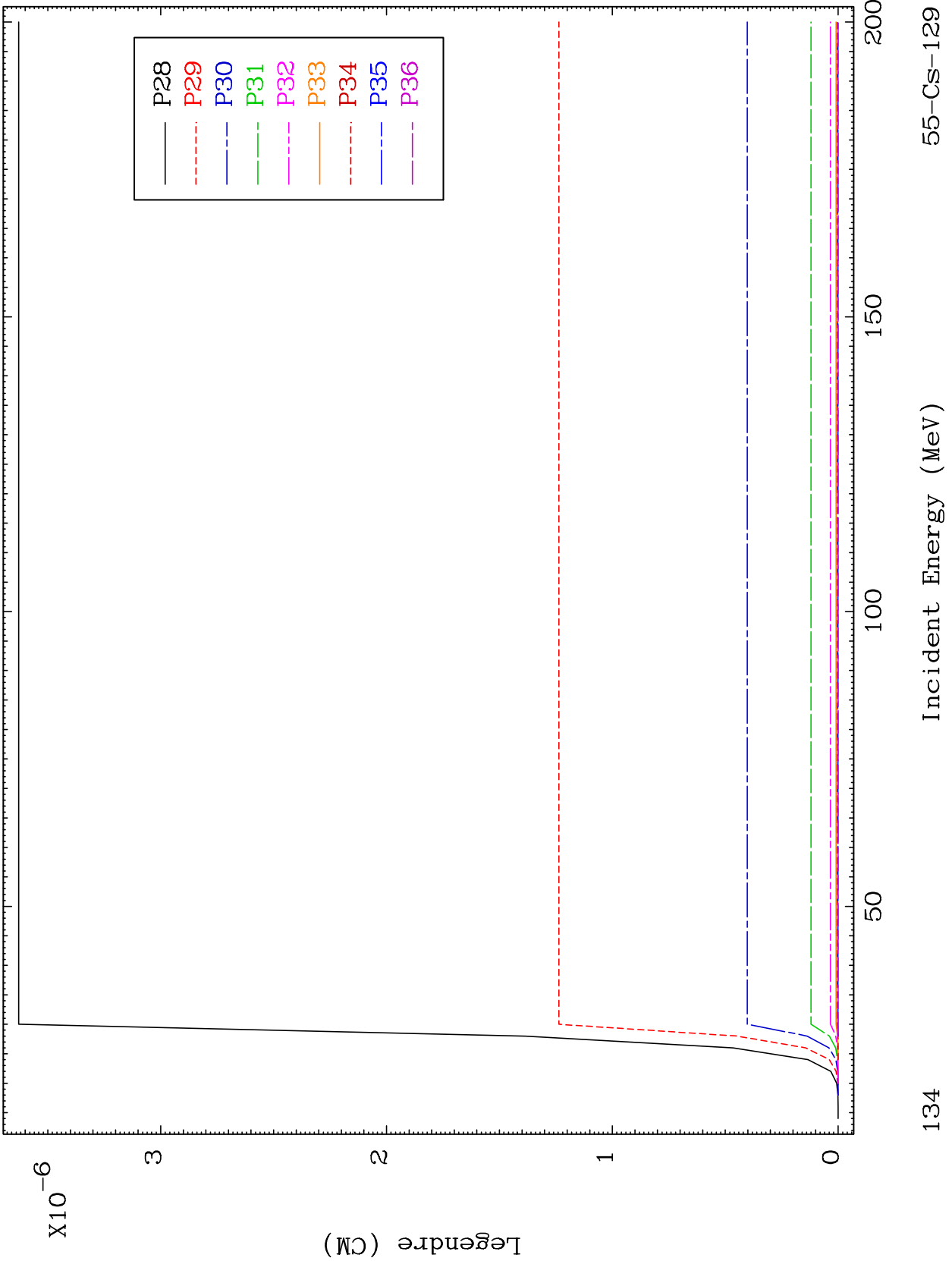




MAT 5513

1.665 MeV (n,n') Level
Legendre Coefficients

55-Cs-129



134

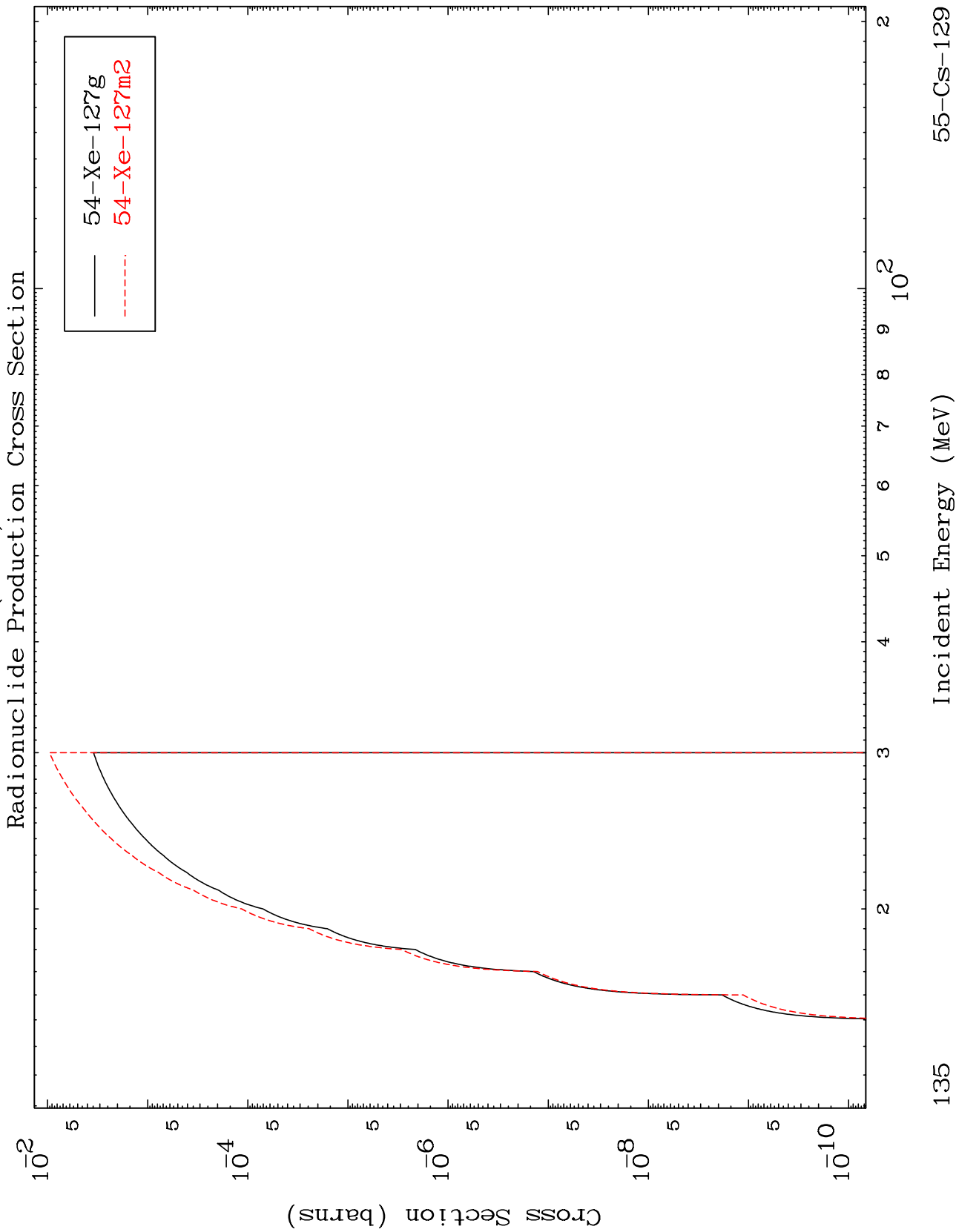
Incident Energy (MeV)

55-Cs-129

MAT 5513

(n,n') d

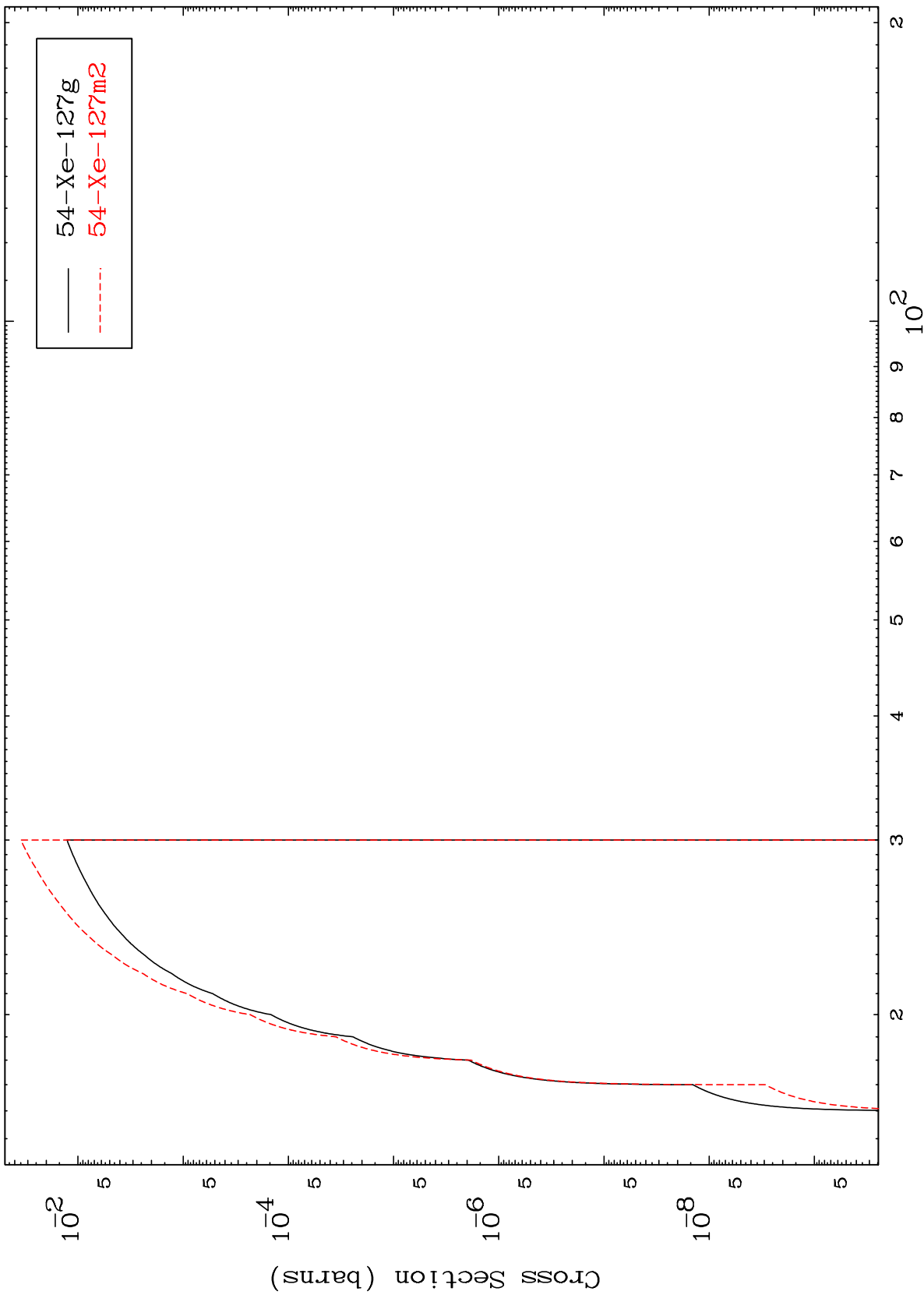
55-Cs-129



135

55-Cs-129

Radionuclide Production Cross Section

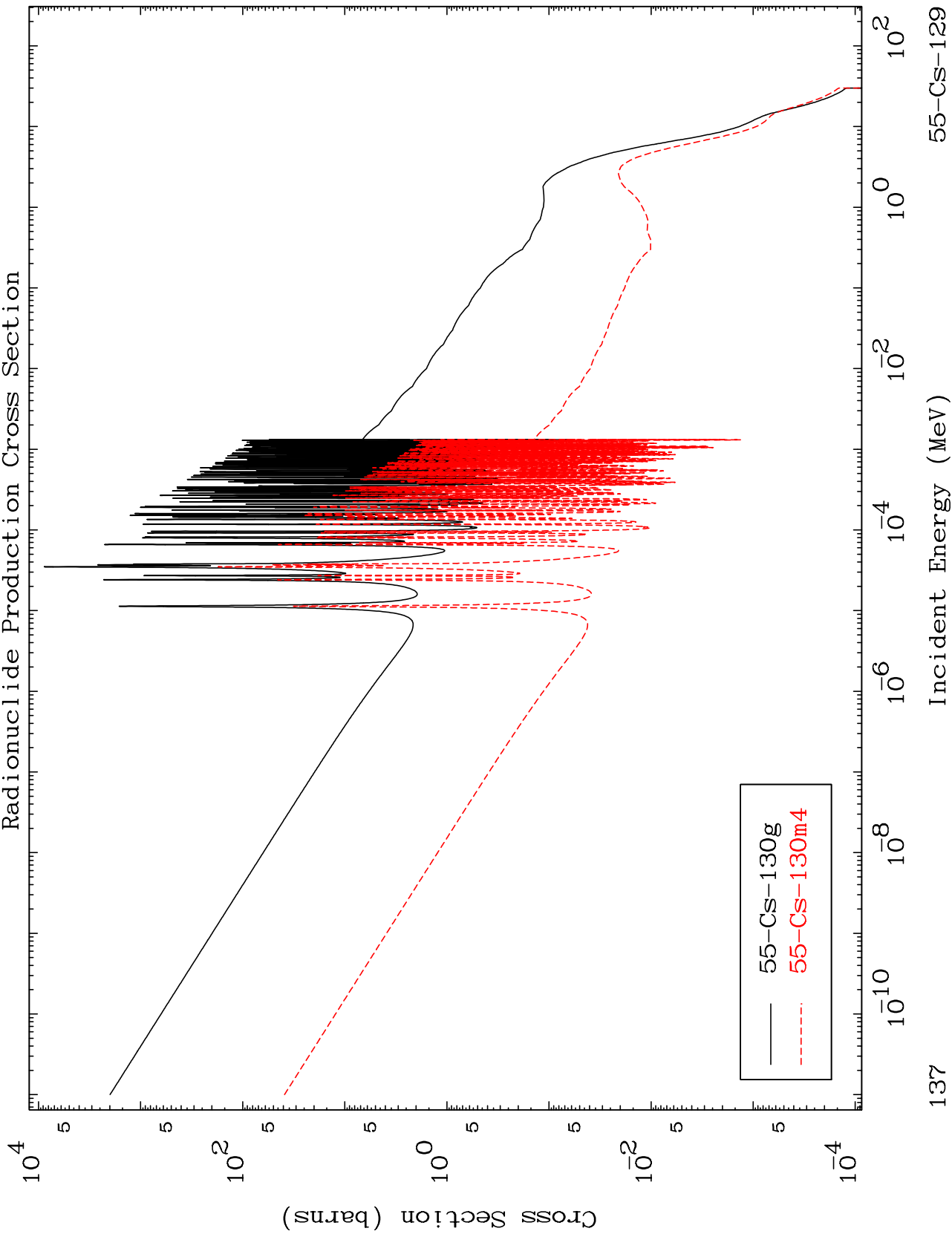


MAT 5513

55-Cs-129

Radionuclide Production Cross Section

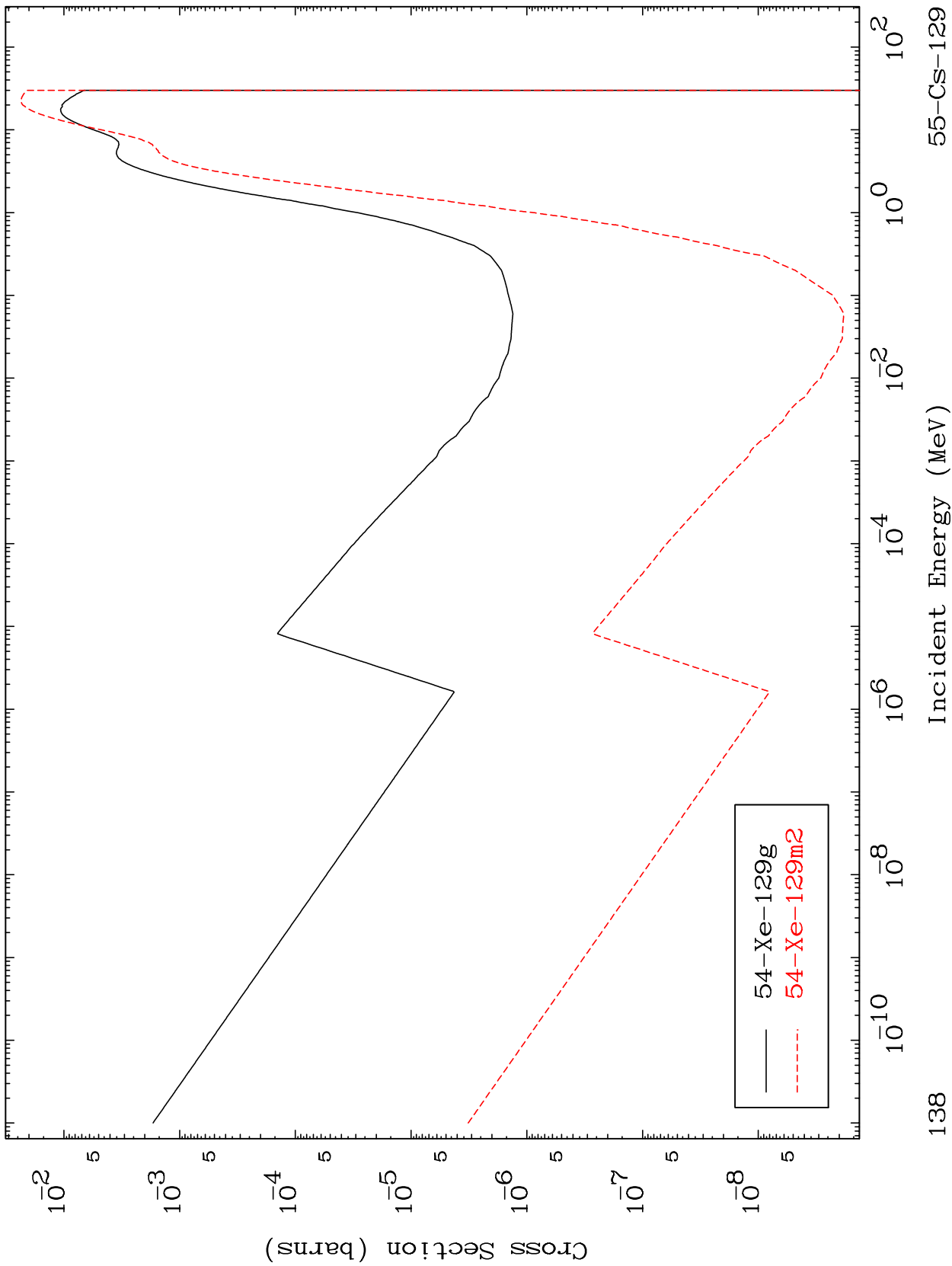
(n, γ)



MAT 5513

55-Cs-129

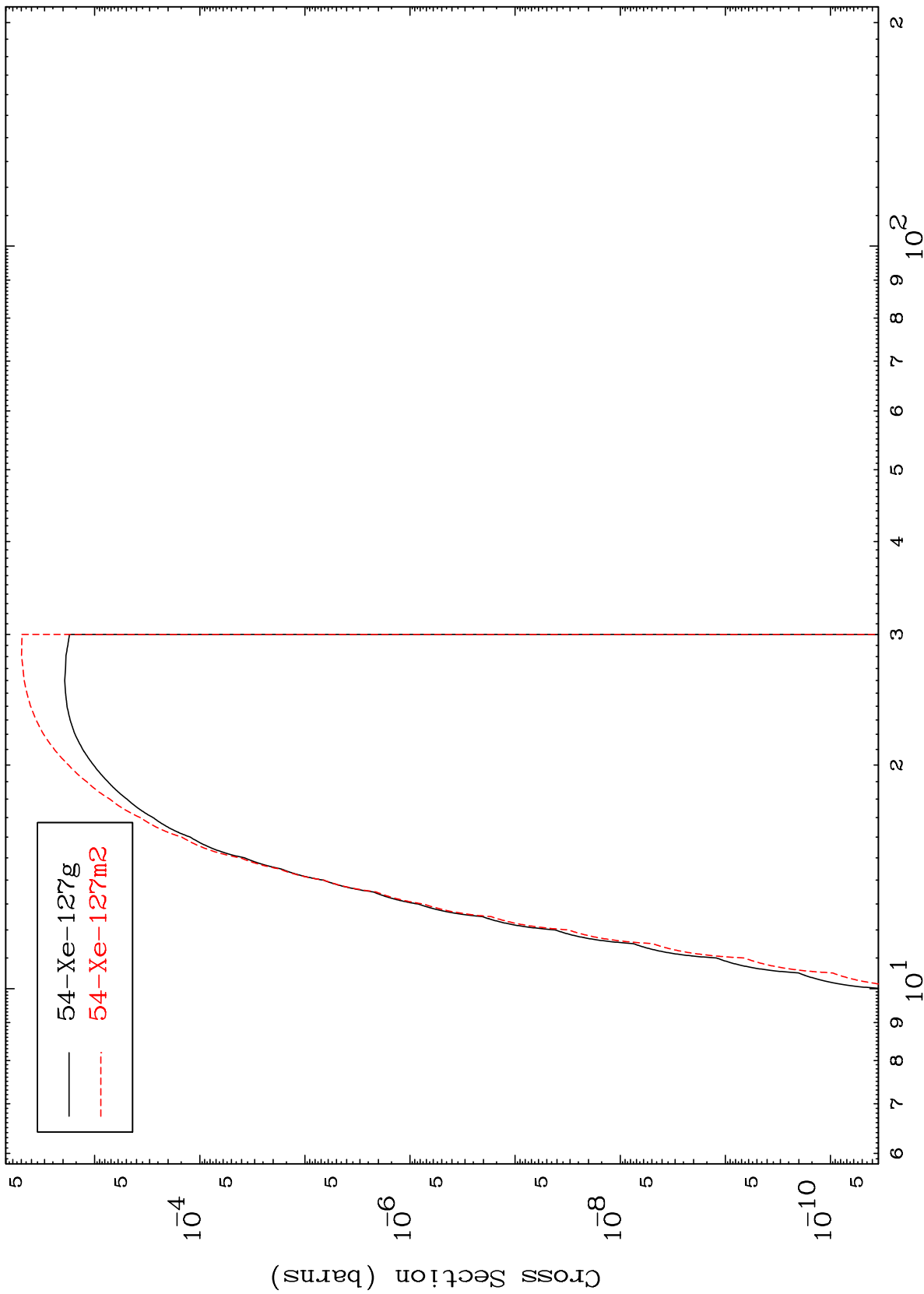
(n,p)
Radionuclide Production Cross Section



MAT 5513

55-Cs-129

(n,t)
Radionuclide Production Cross Section



139

Incident Energy (MeV)

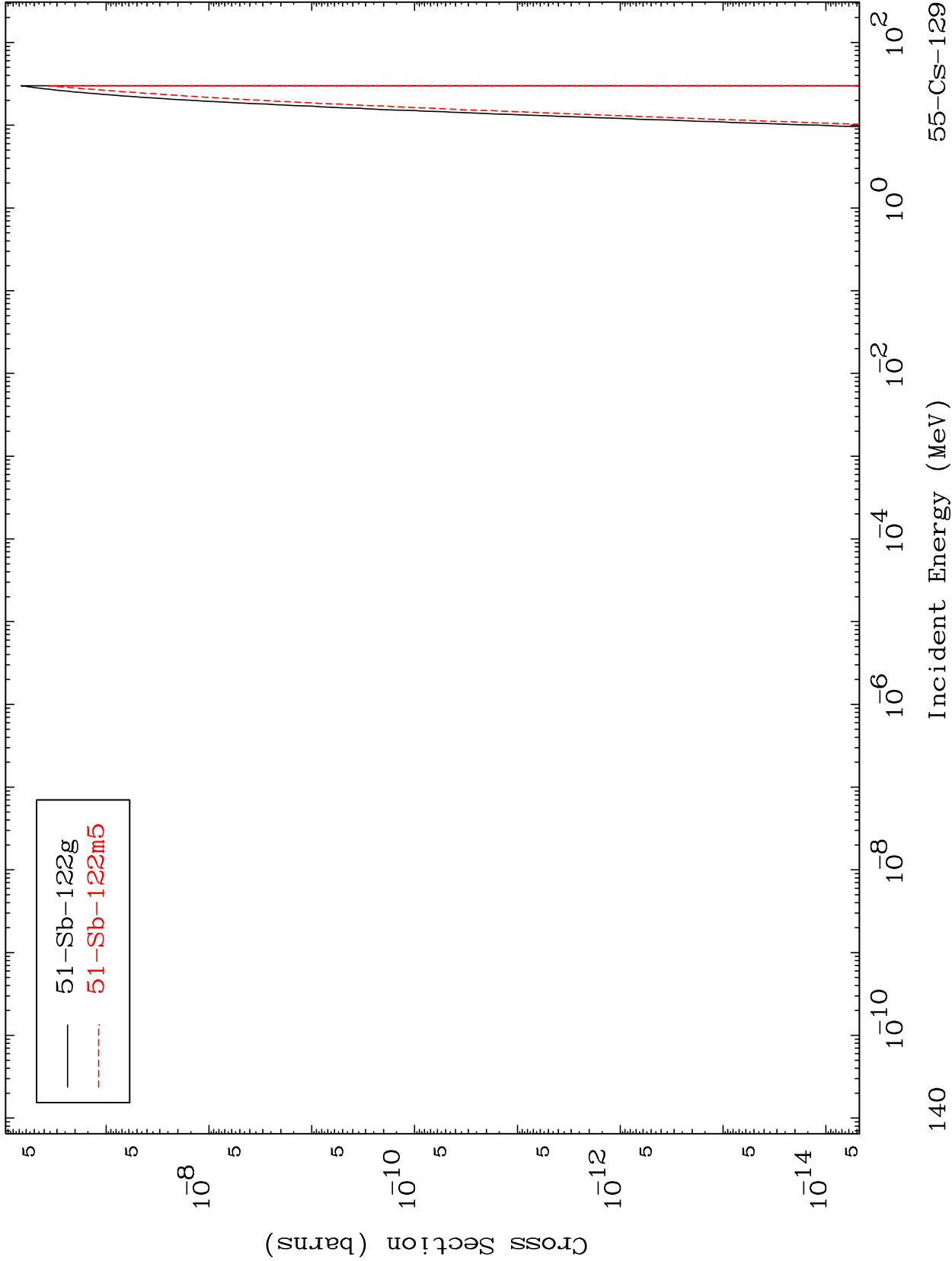
55-Cs-129

MAT 5513

(n,2α)

55-Cs-129

Radionuclide Production Cross Section

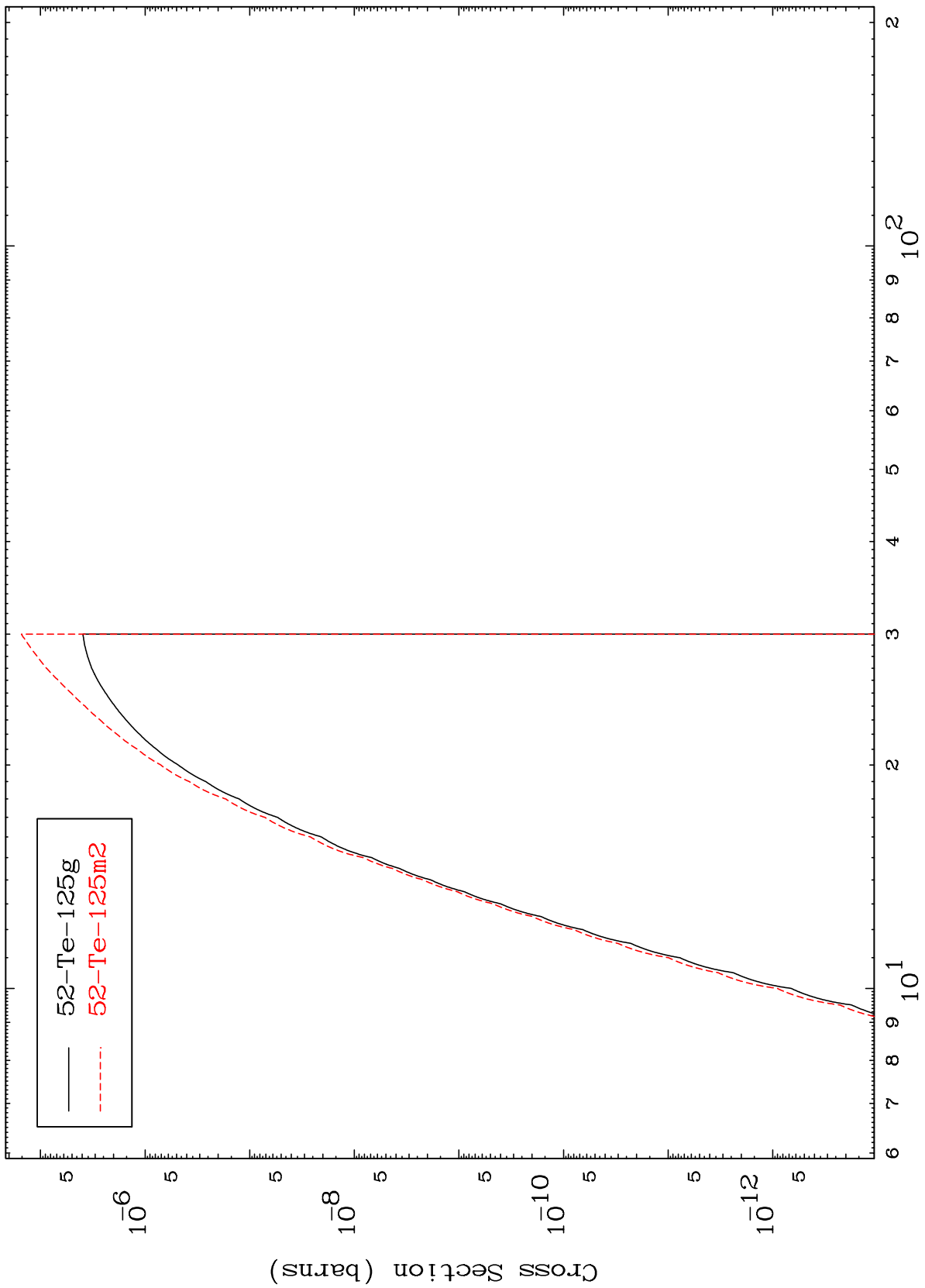


MAT 5513

55-Cs-129

(n,p) α

Radionuclide Production Cross Section



52-Te-125g
52-Te-125m2

141

Incident Energy (MeV)

55-Cs-129