

Program EVALPLOT  
(Version 2018-1)

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

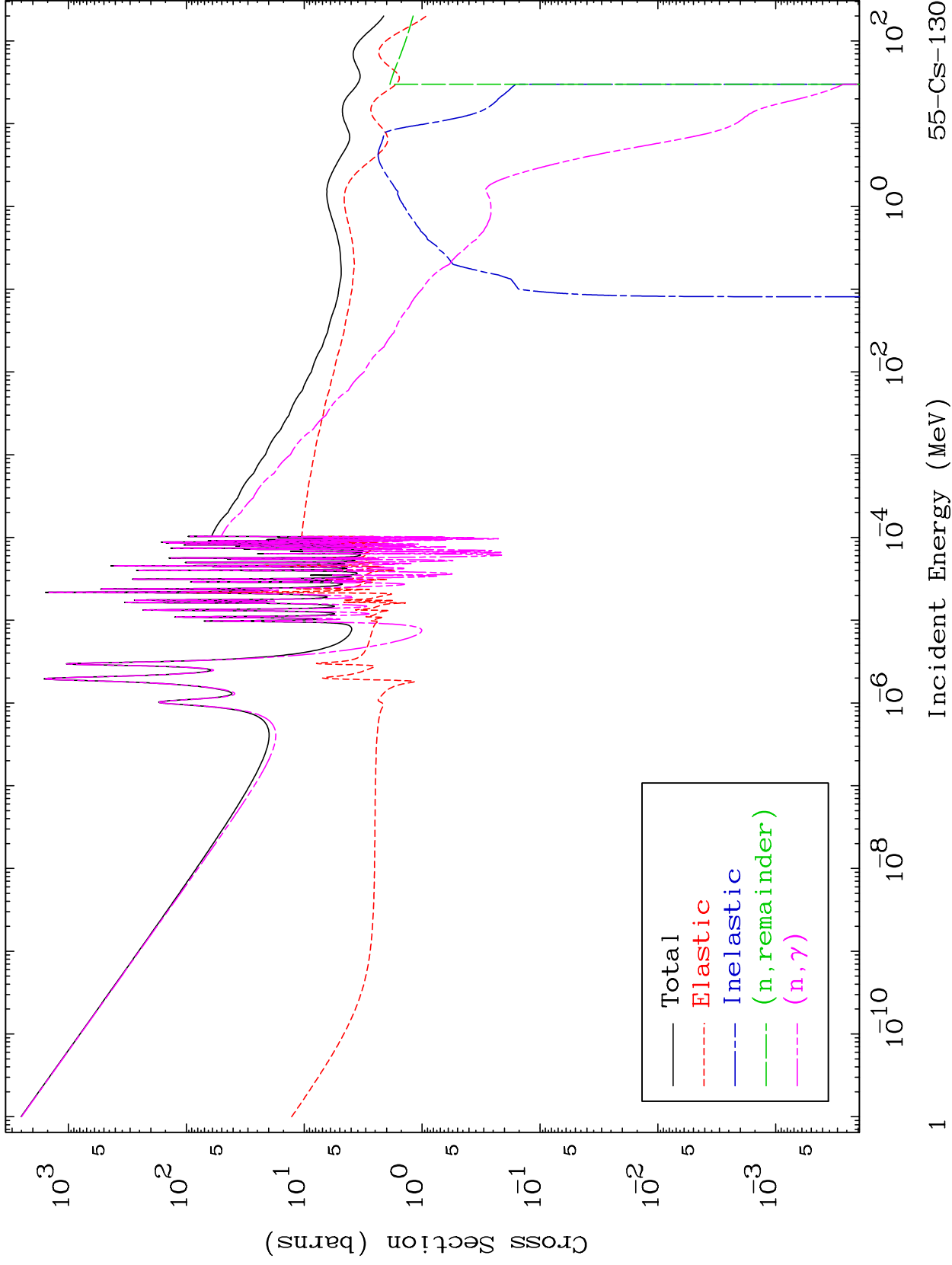
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5516

Major  
293 Kelvin Cross Sections

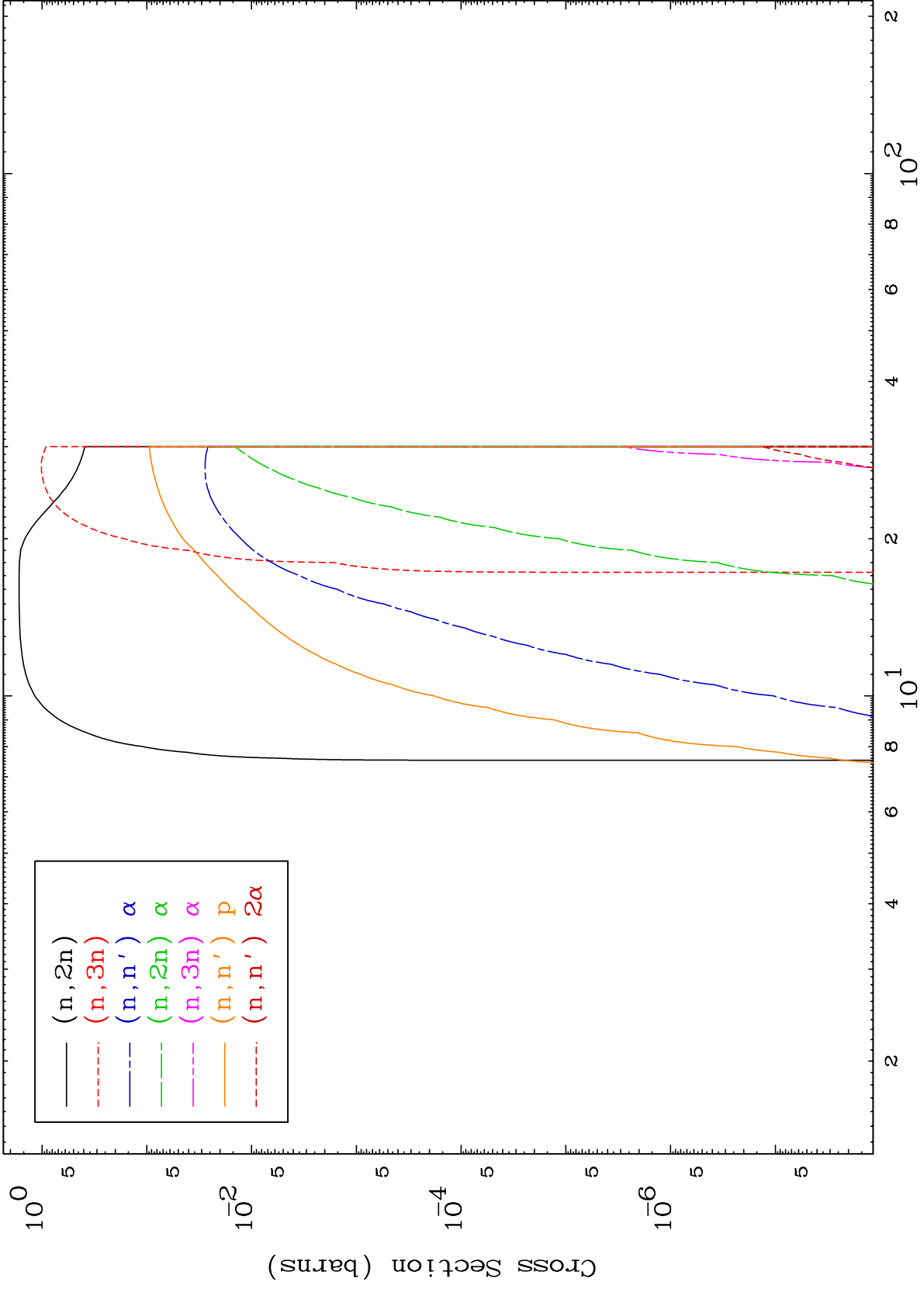
55-Cs-130



MAT 5516

Neutron Production  
293 Kelvin Cross Sections

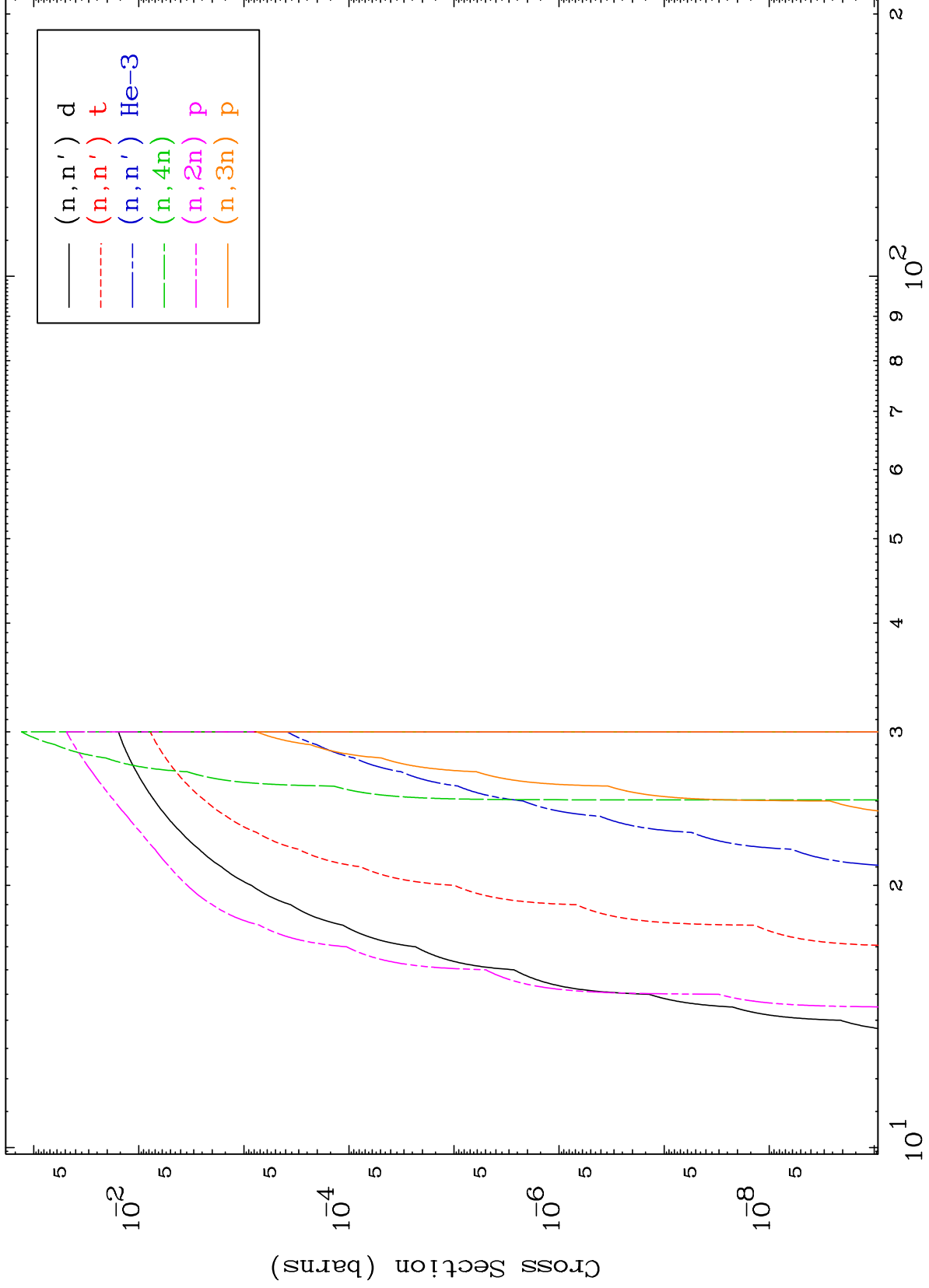
55-Cs-130



MAT 5516

Neutron Production  
293 Kelvin Cross Sections

55-Cs-130



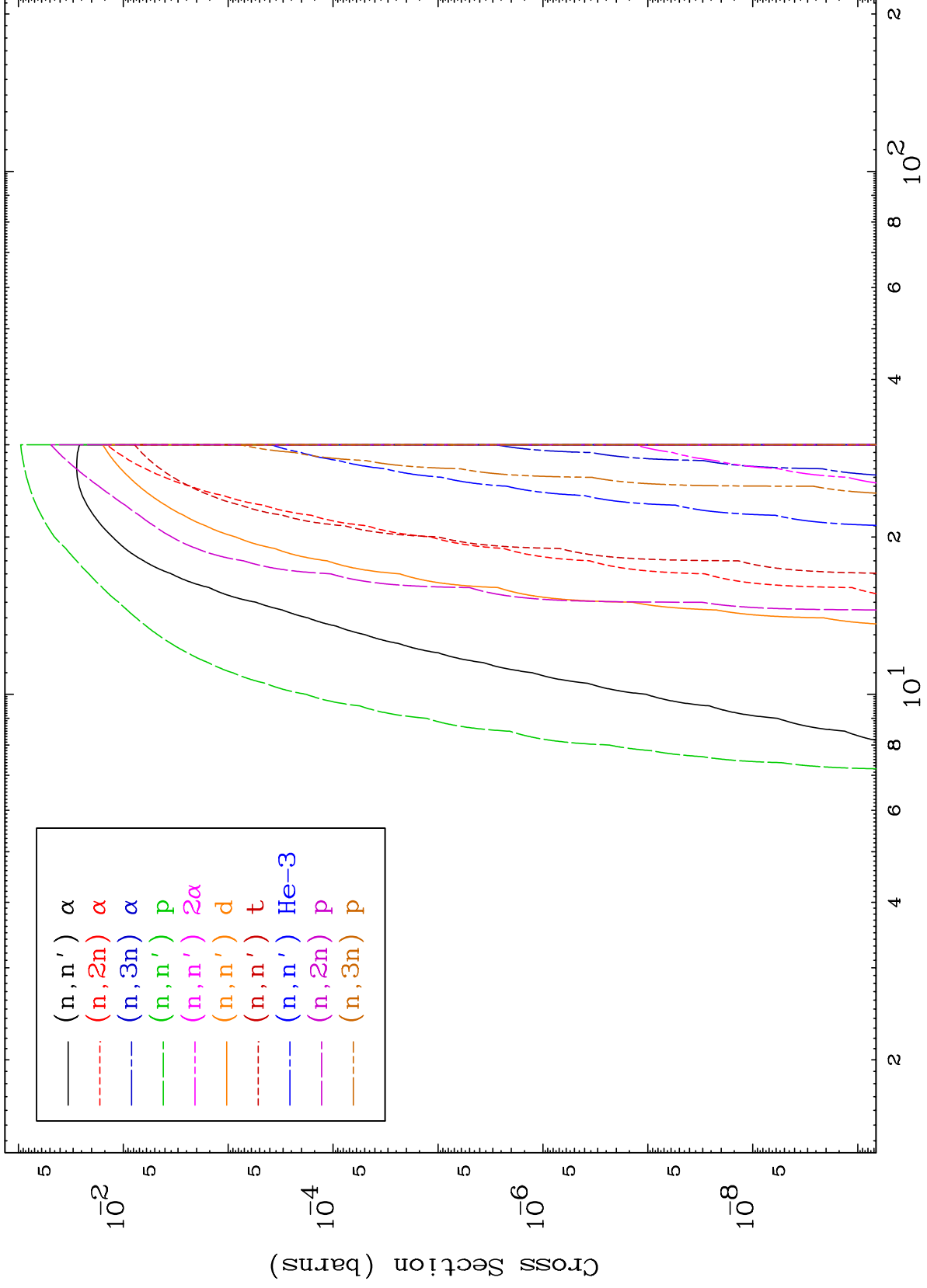
Incident Energy (MeV)

55-Cs-130

MAT 5516

Charged Particle  
293 Kelvin Cross Sections

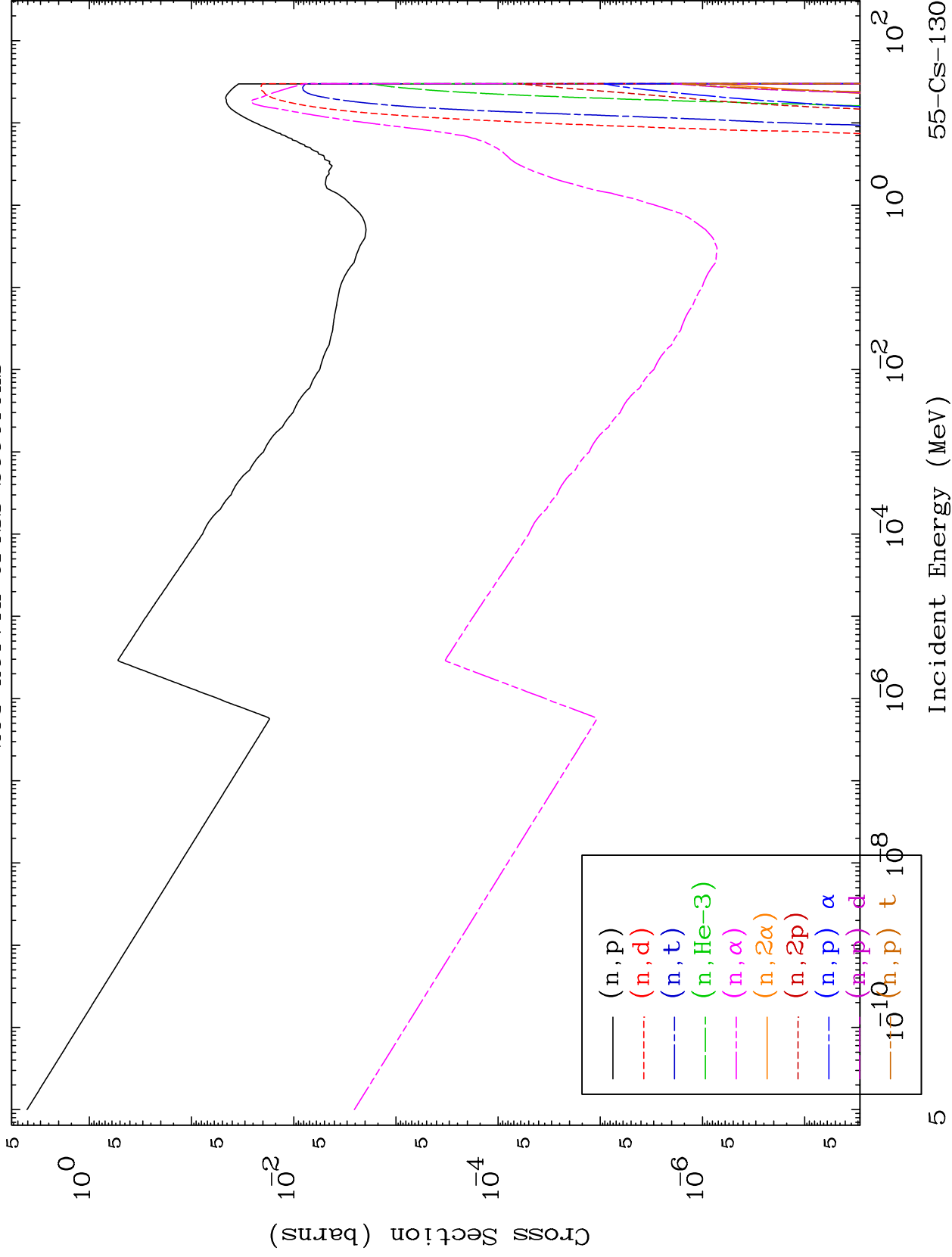
55-Cs-130



MAT 5516

Charged Particle  
293 Kelvin Cross Sections

55-Cs-130

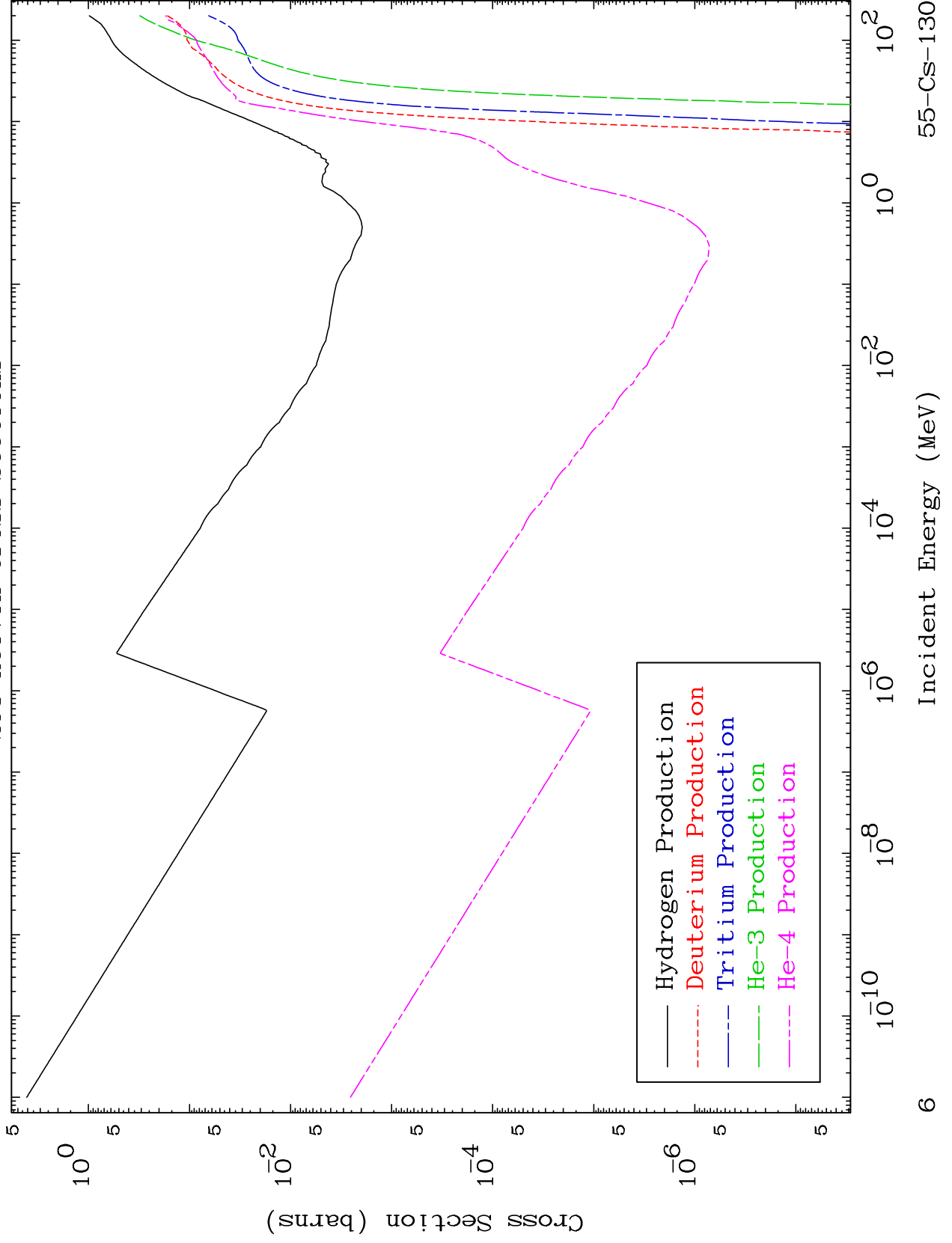


55-Cs-130

MAT 5516

Particle Production  
293 Kelvin Cross Sections

55-Cs-130

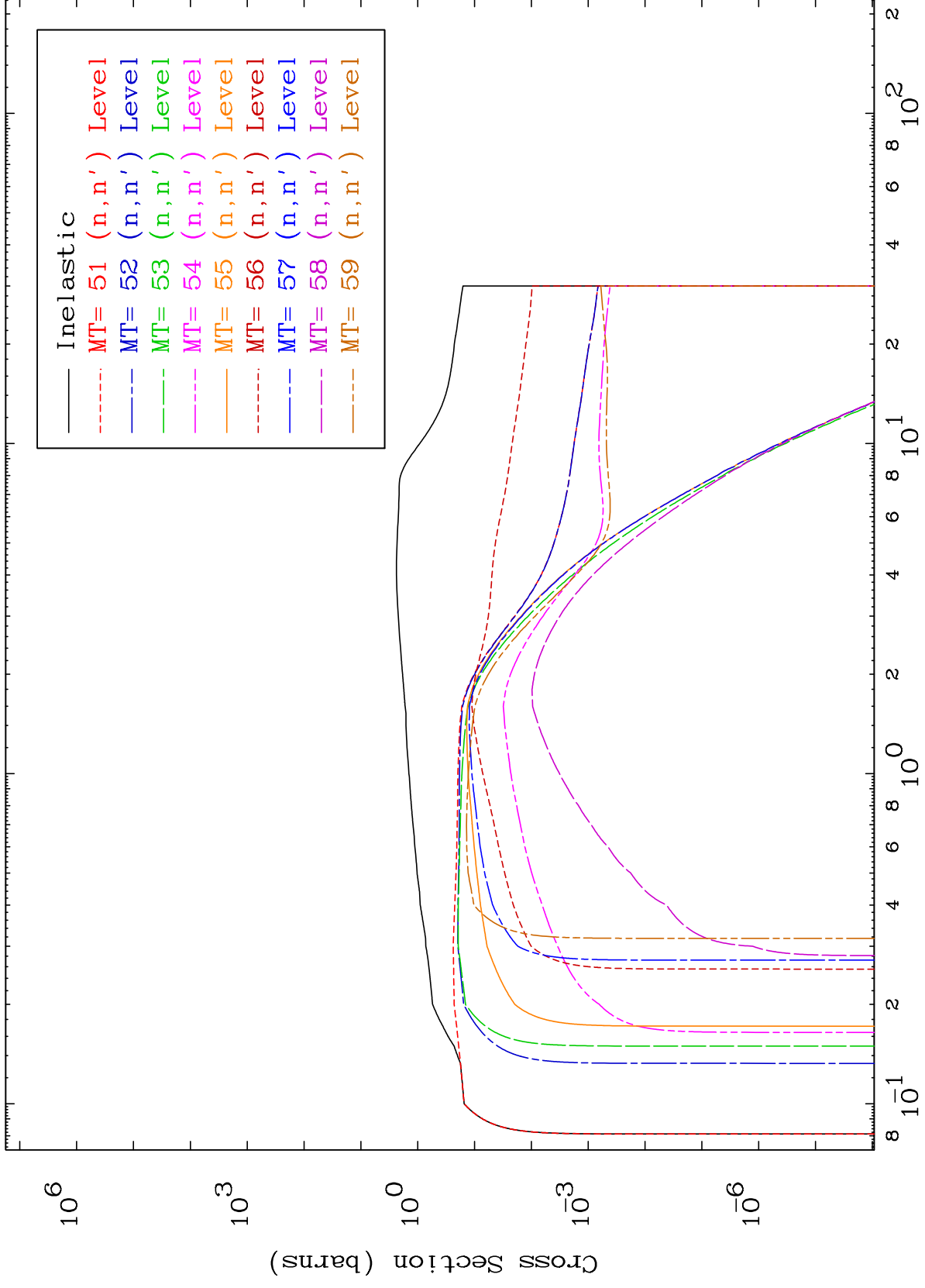


MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



Incident Energy (MeV)

55-Cs-130

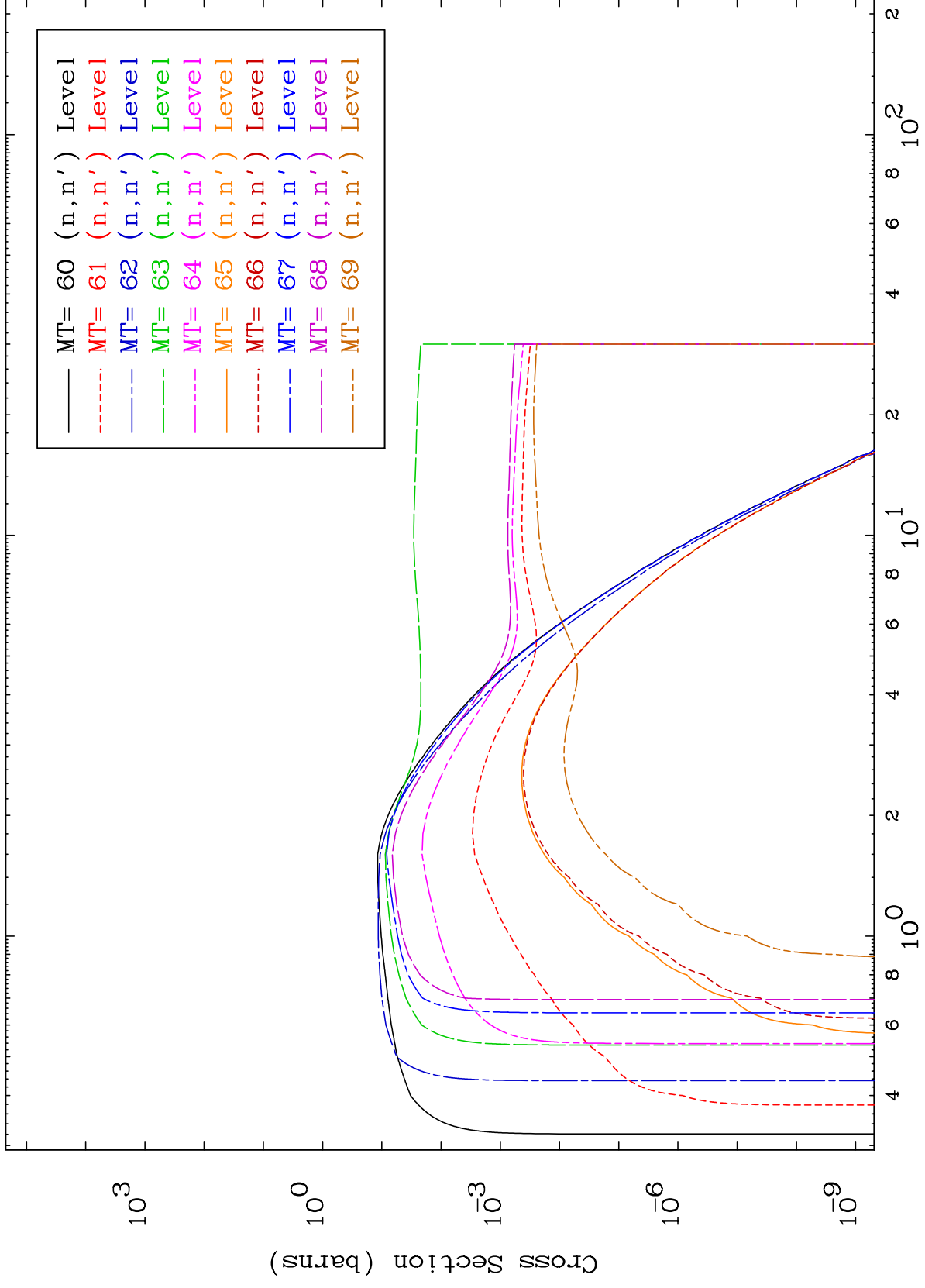


MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

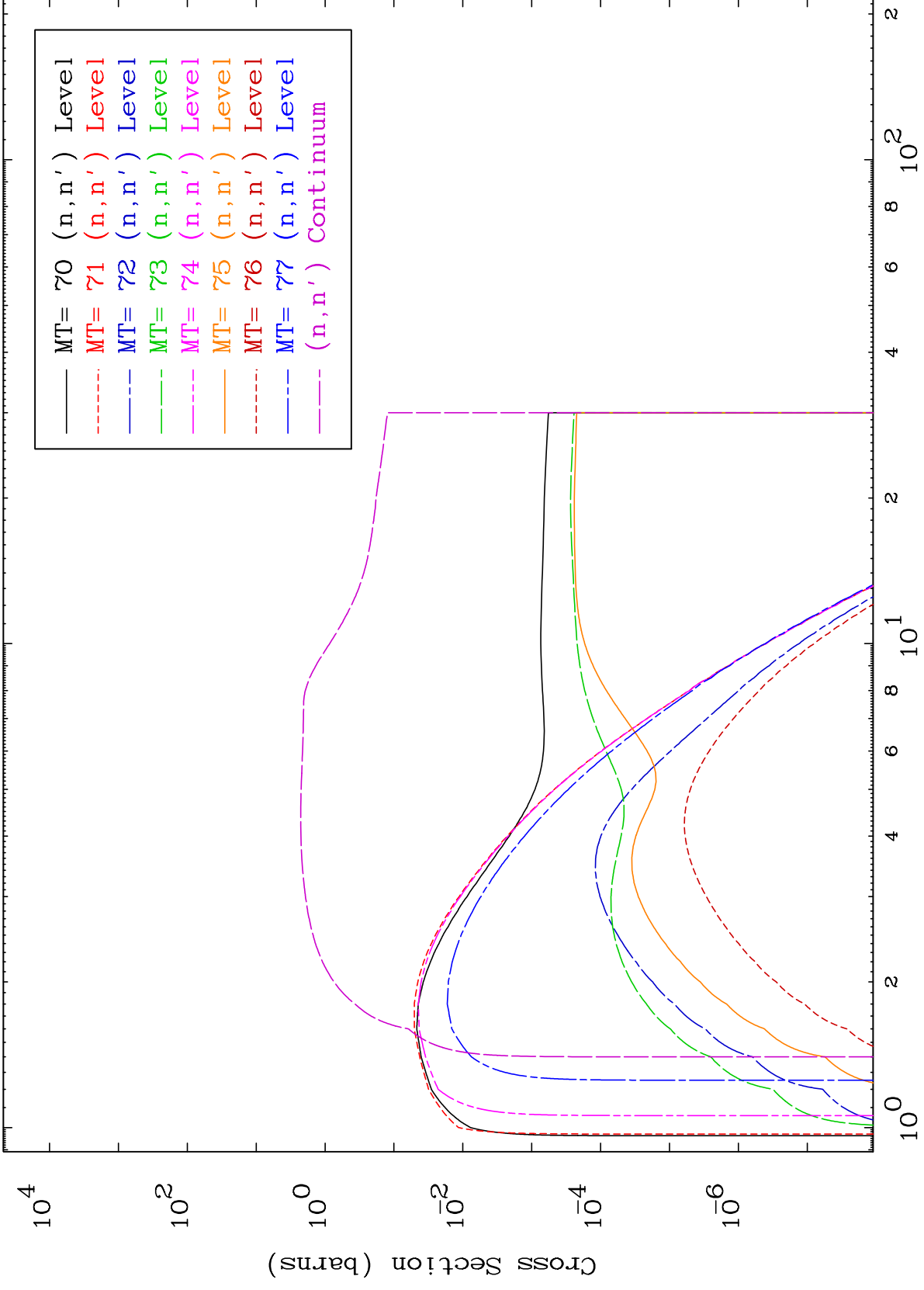
55-Cs-130

MAT 5516

(n,n') Level

55-Cs-130

293 Kelvin Cross Sections



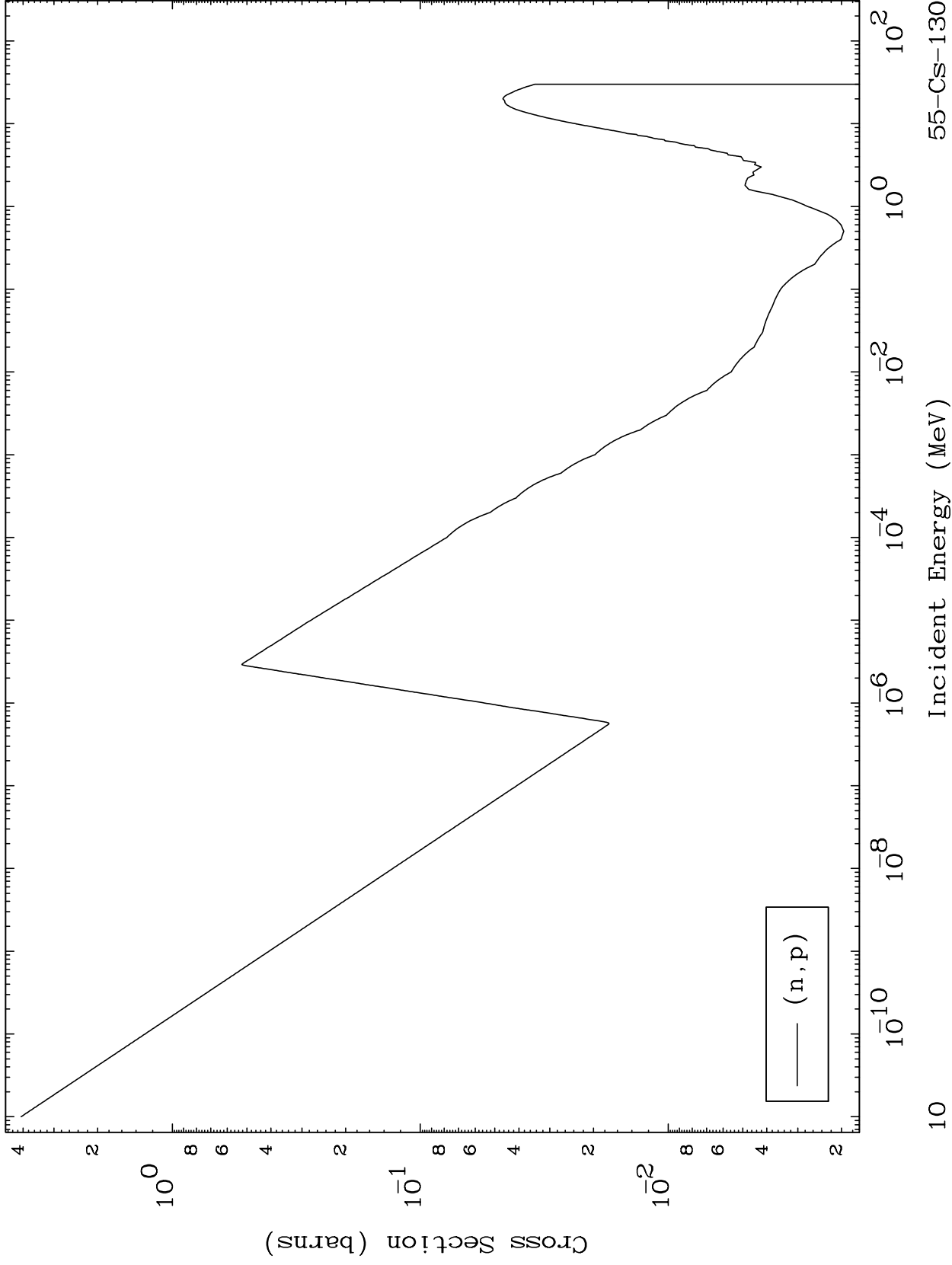
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,p) Levels  
293 Kelvin Cross Sections

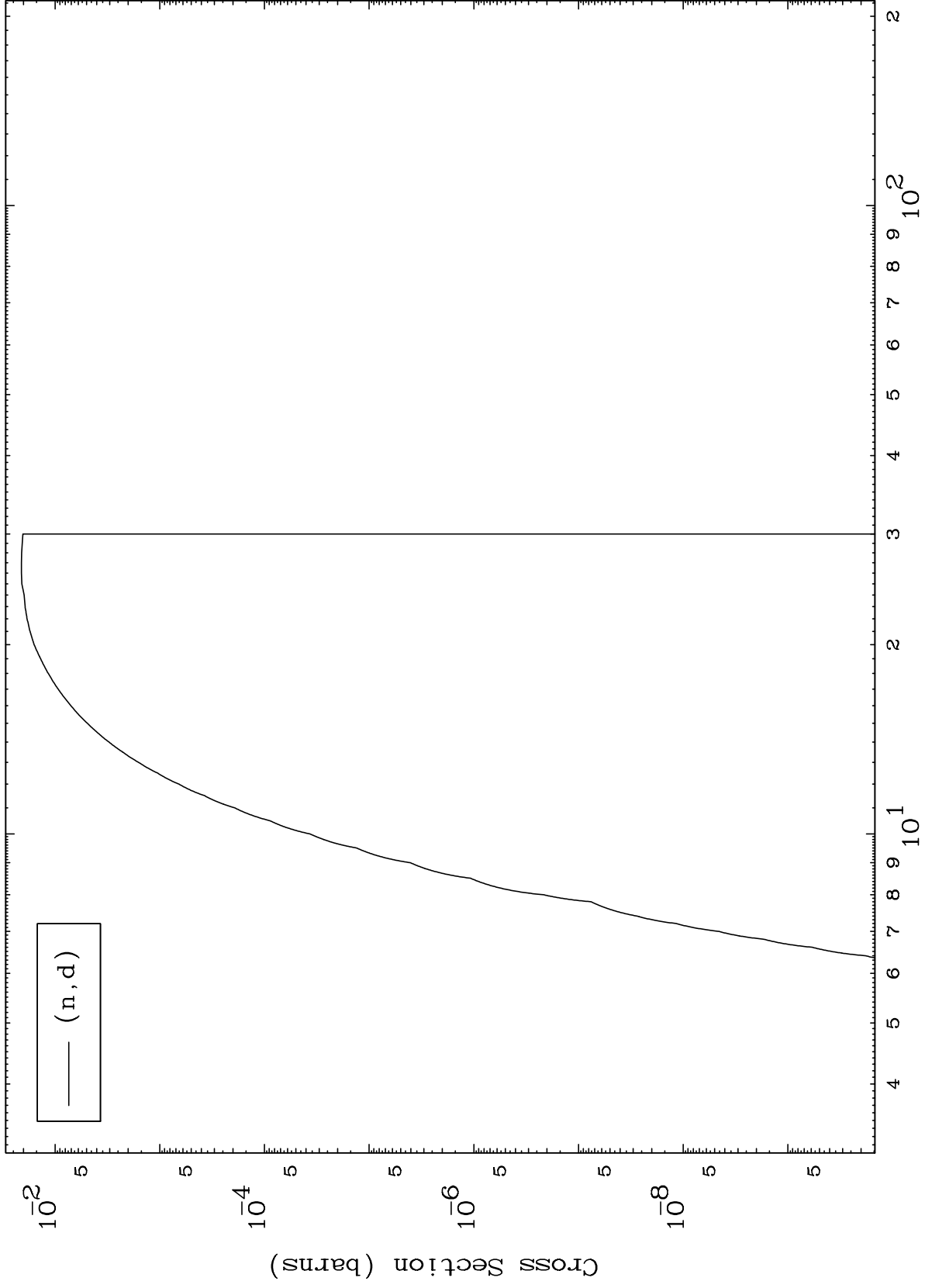
55-Cs-130



MAT 5516

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-130

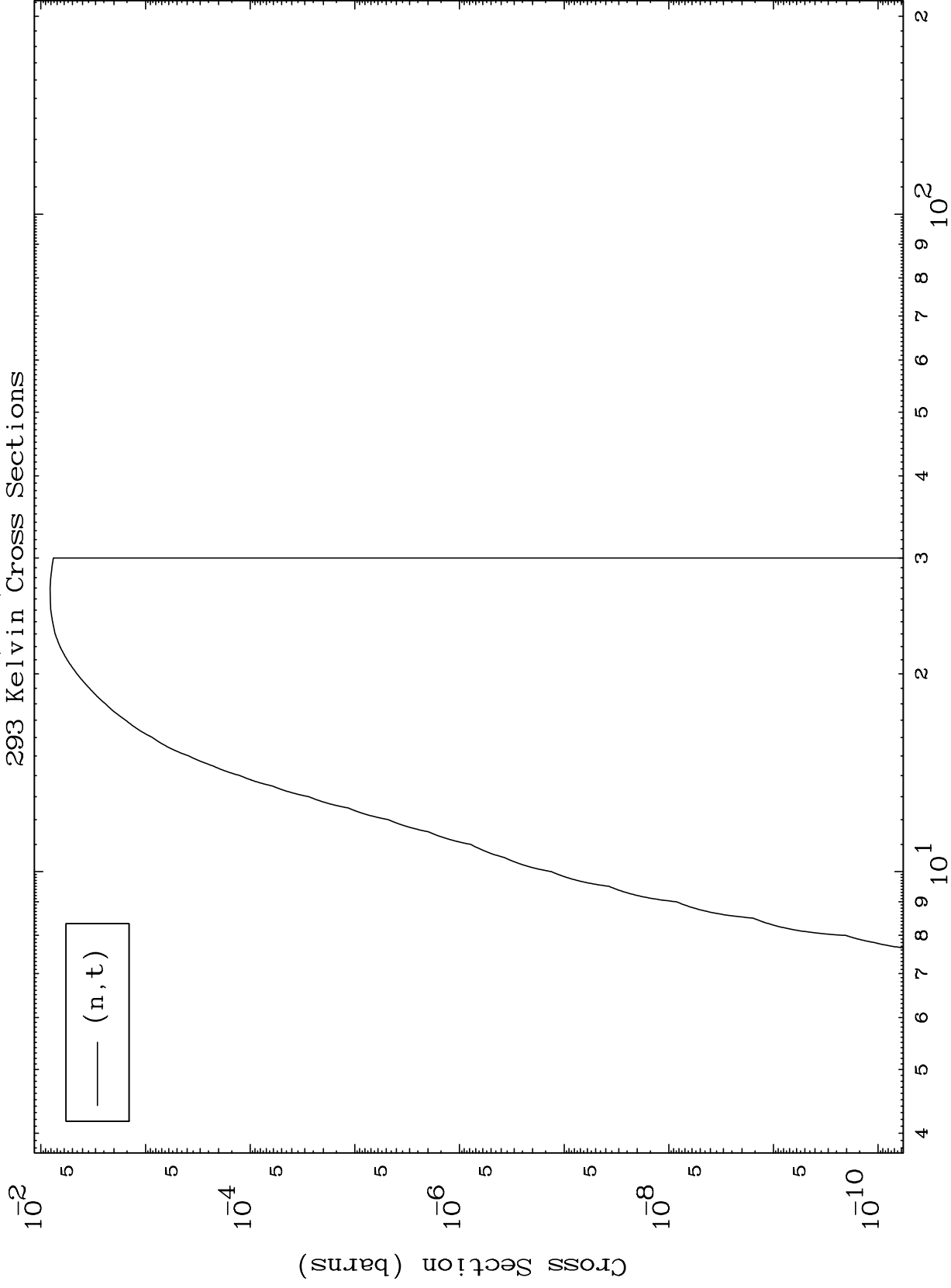


(n,d)

MAT 5516

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-130



12

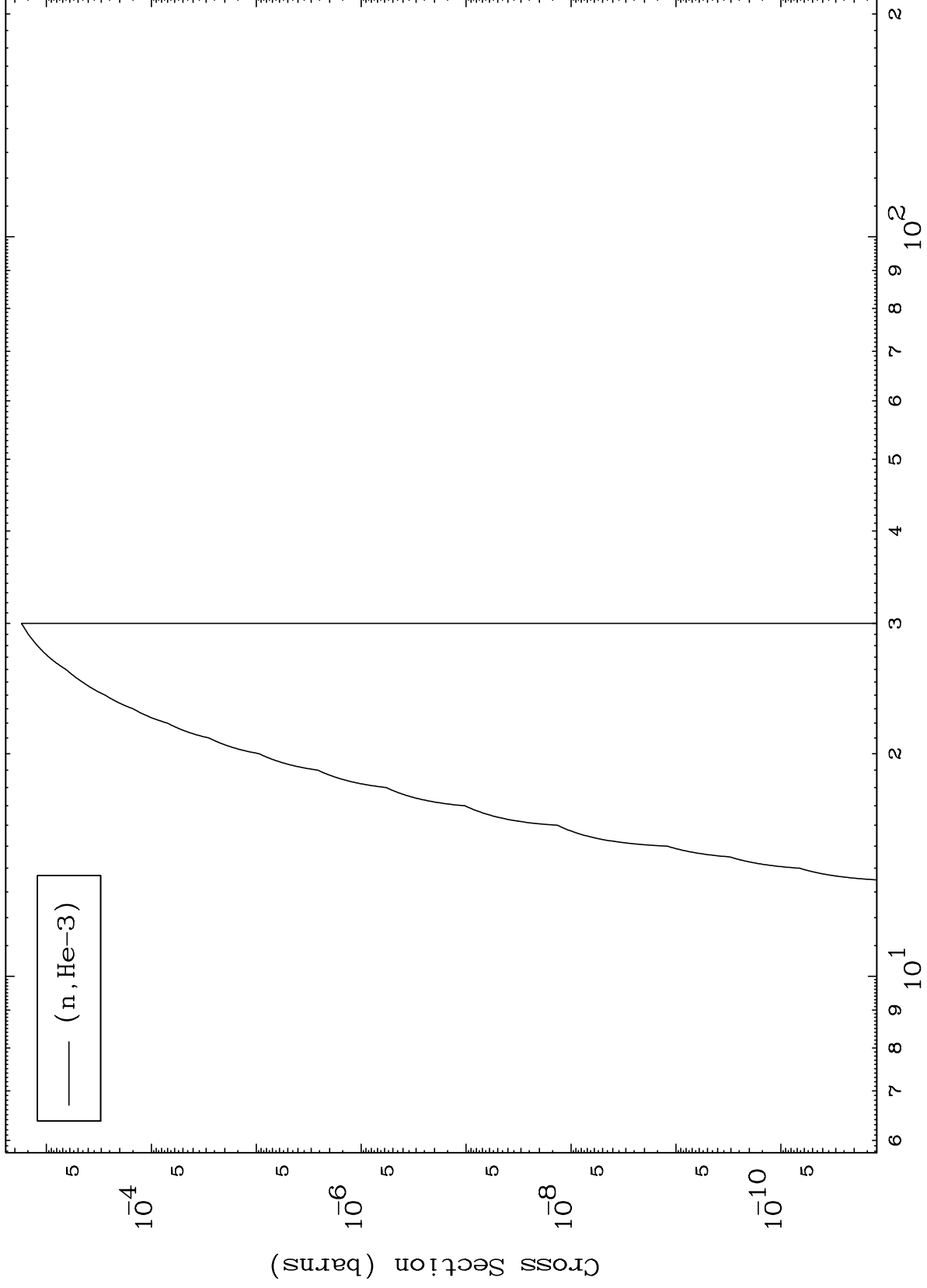
Incident Energy (MeV)

55-Cs-130

MAT 5516

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-130



13

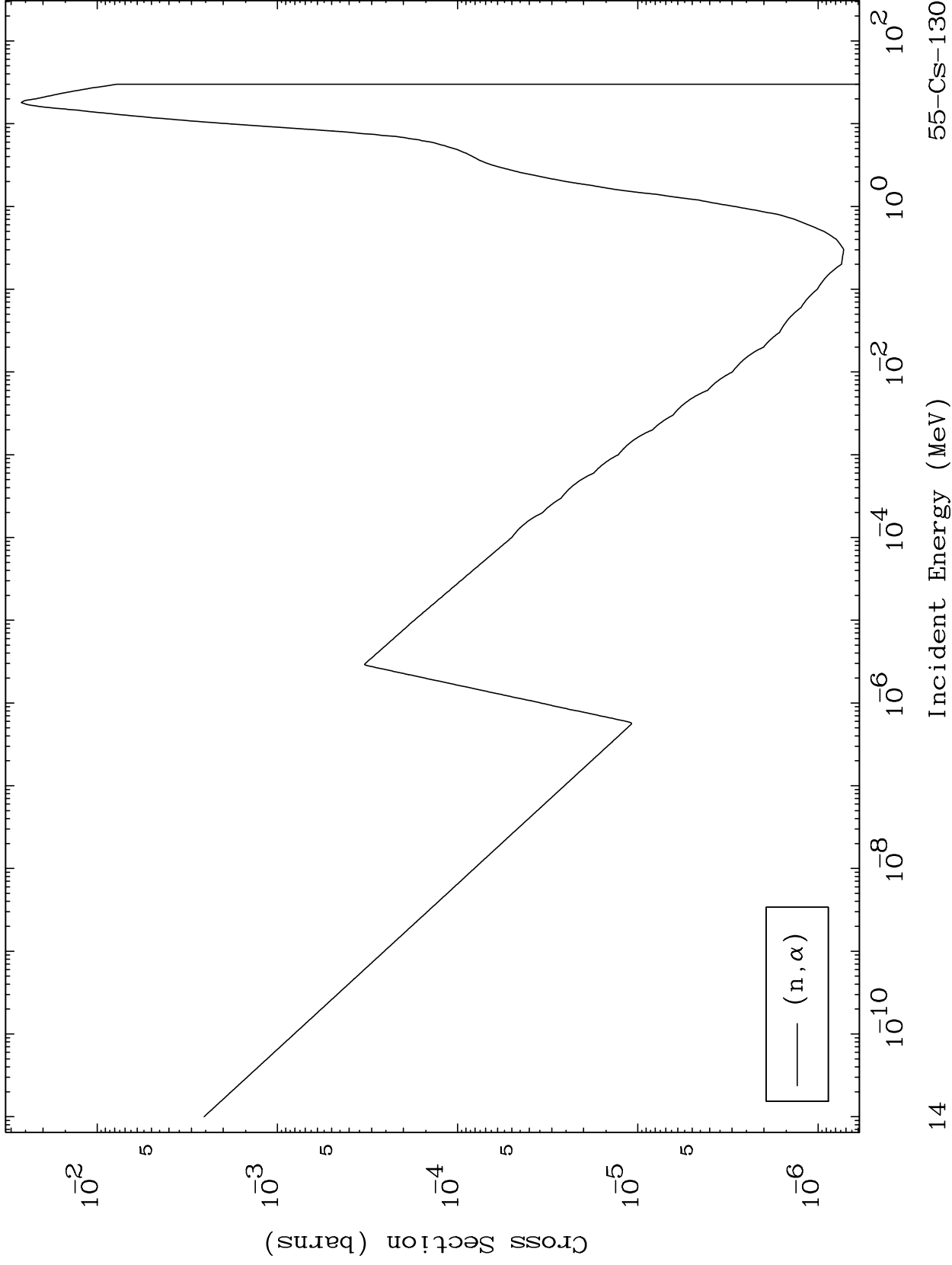
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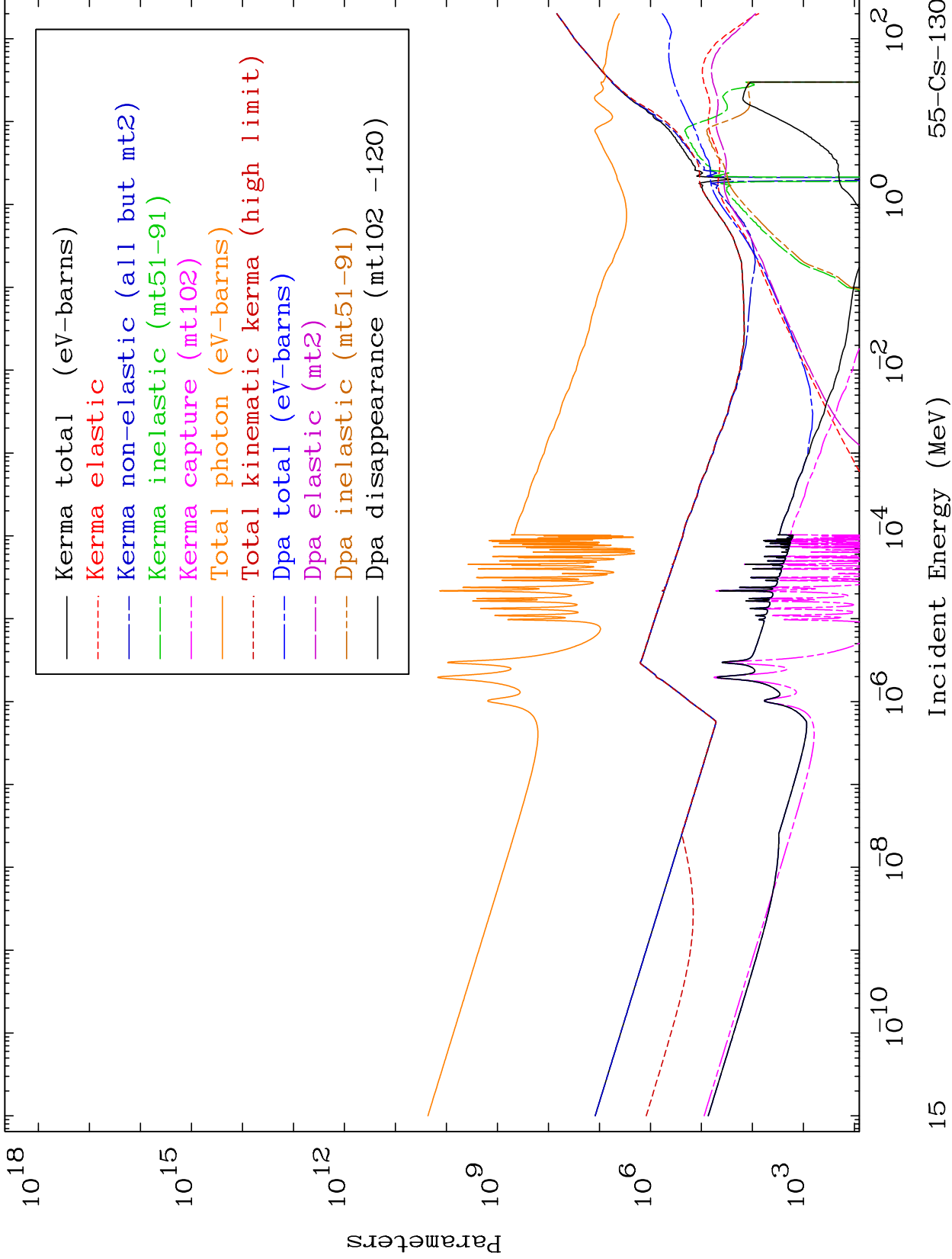
55-Cs-130

MAT 5516

(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-130



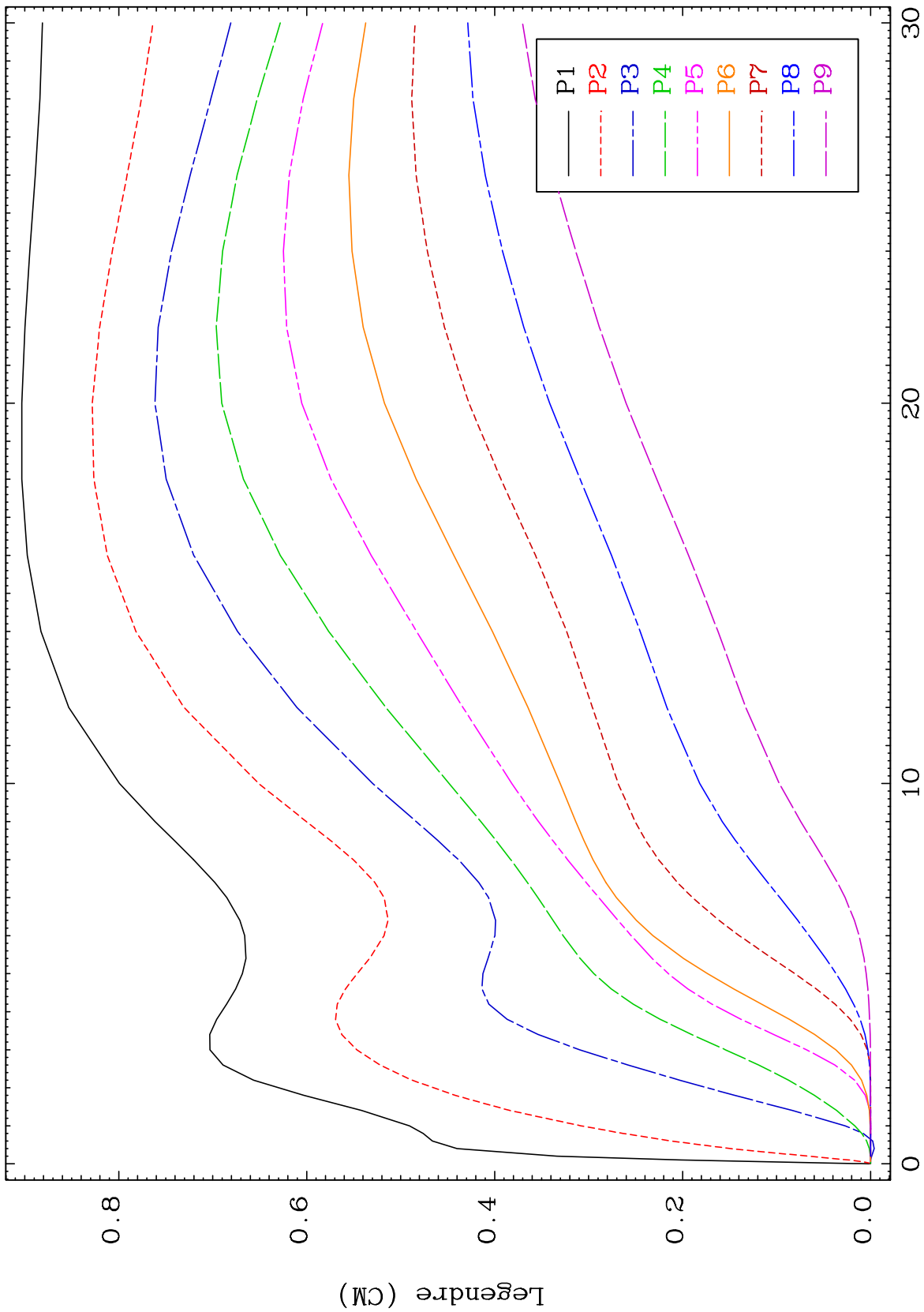




MAT 5516

55-Cs-130

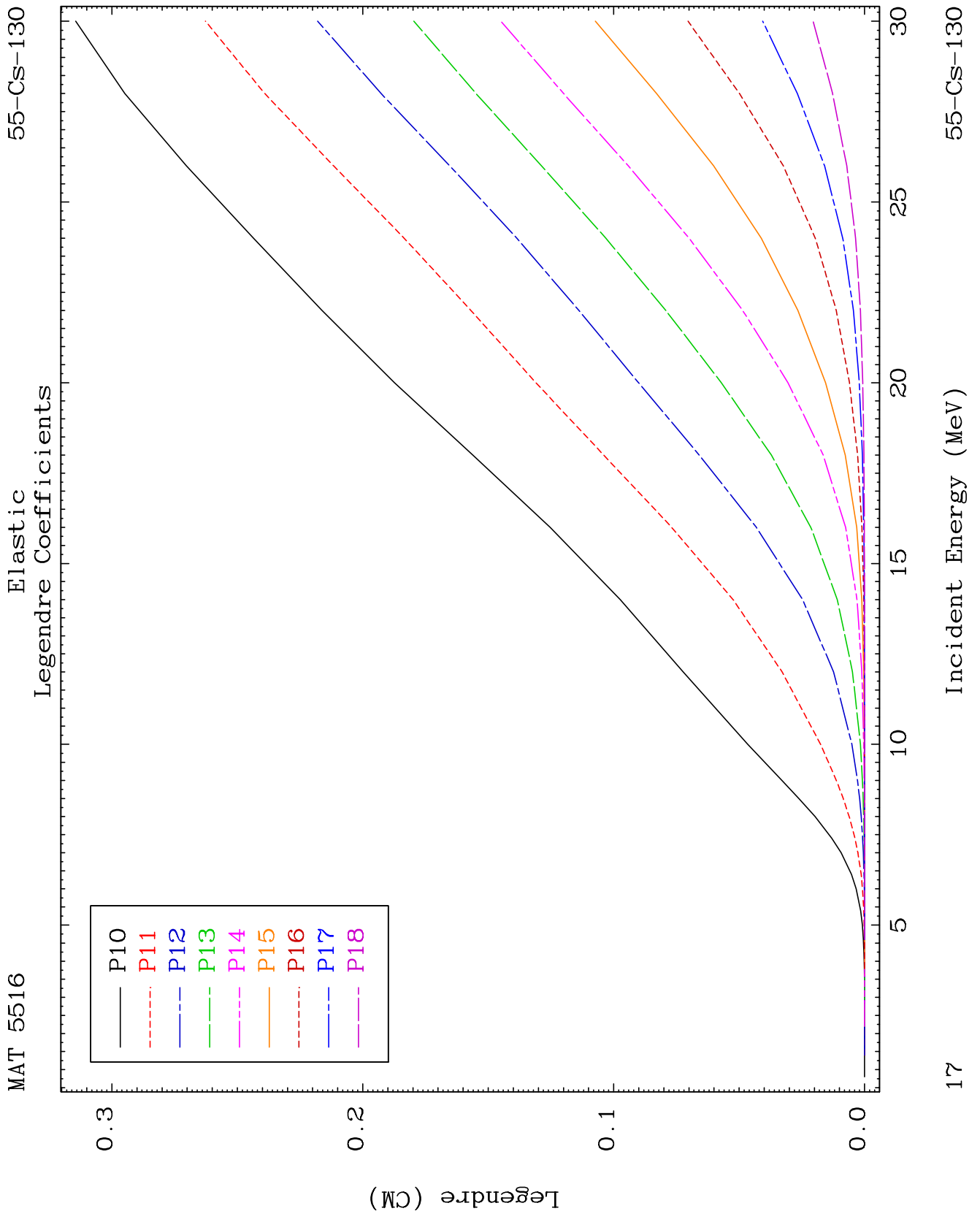
Elastic Legendre Coefficients



16

Incident Energy (MeV)

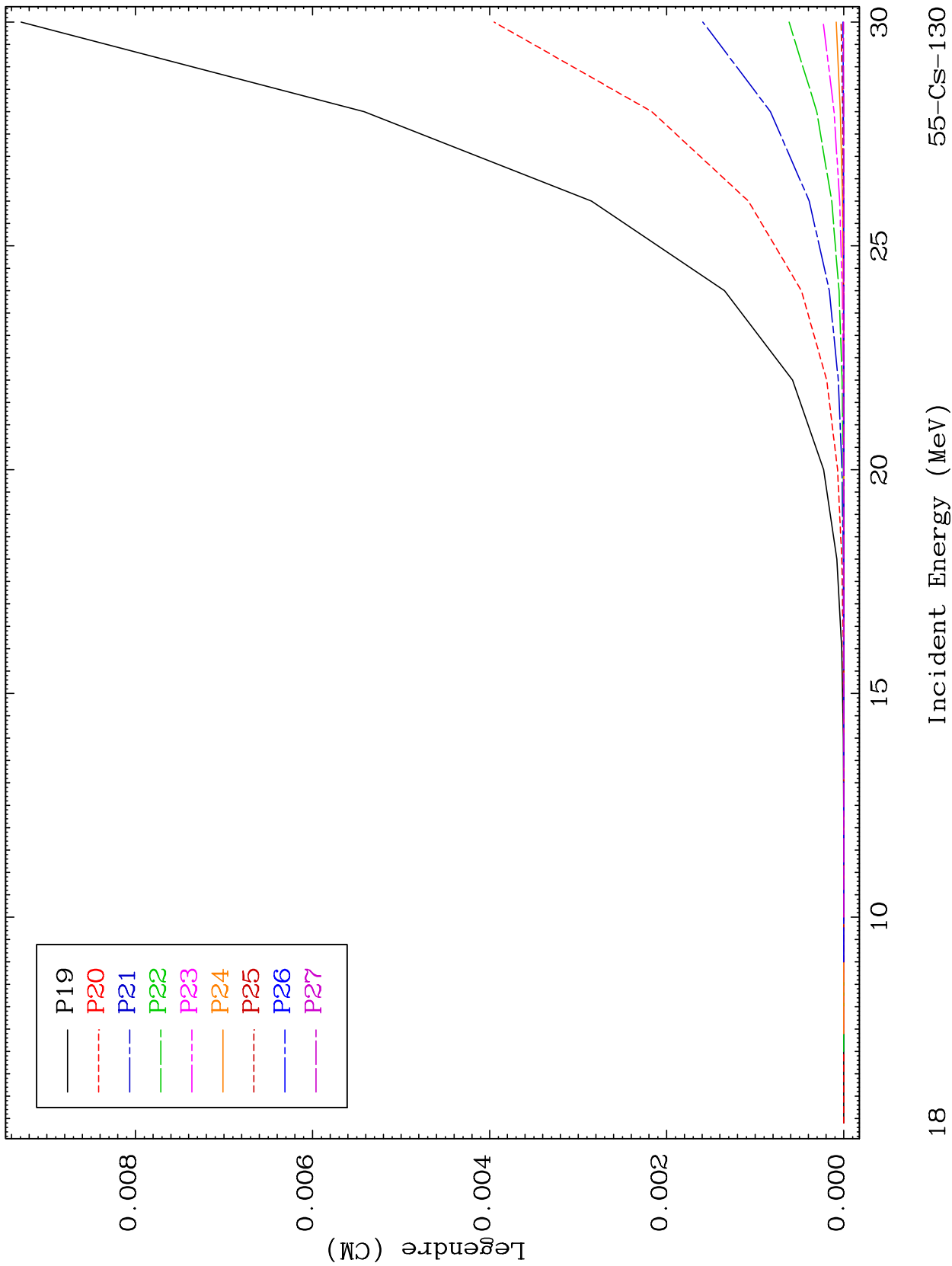
55-Cs-130



MAT 5516

### Elastic Legendre Coefficients

55-Cs-130



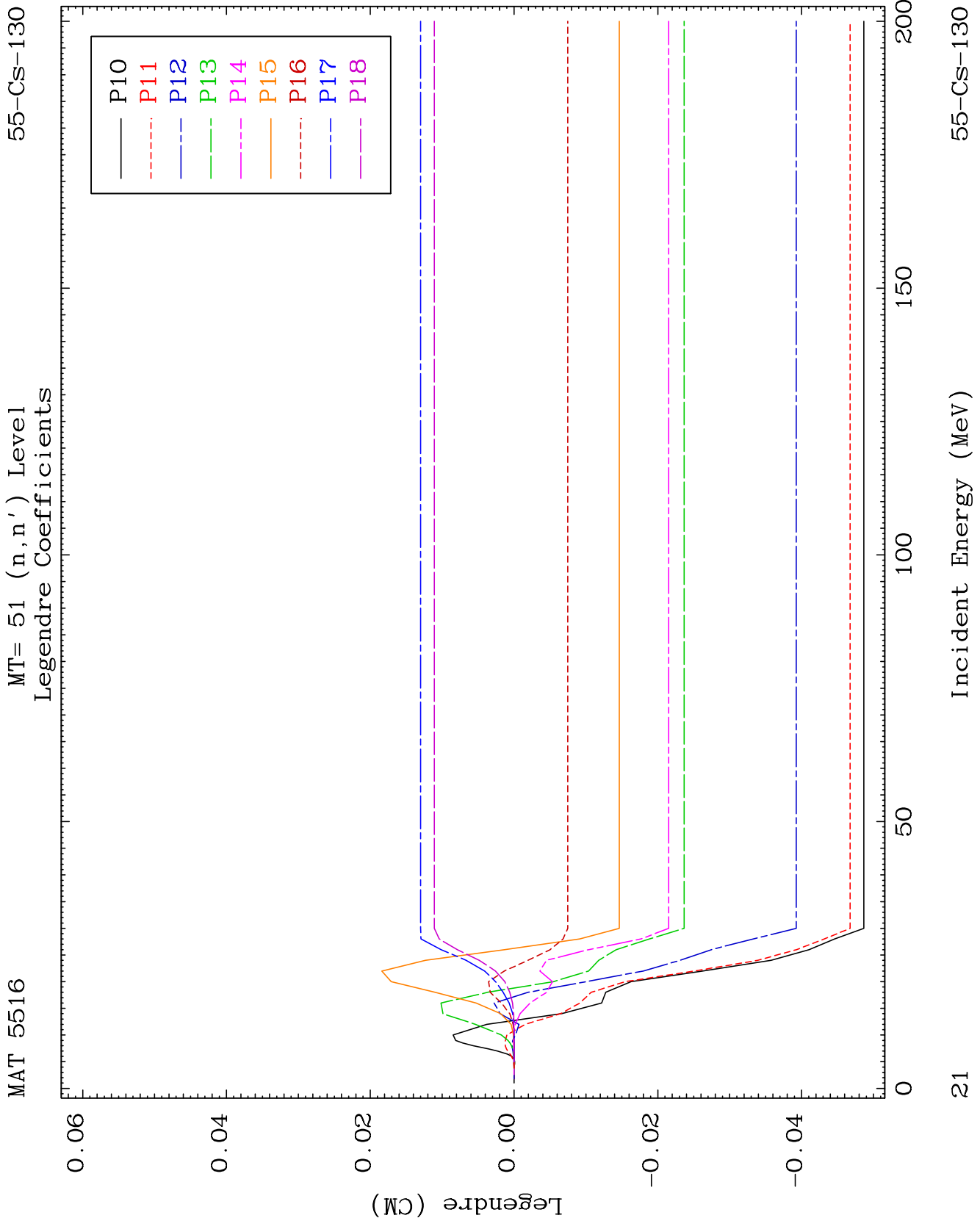
18

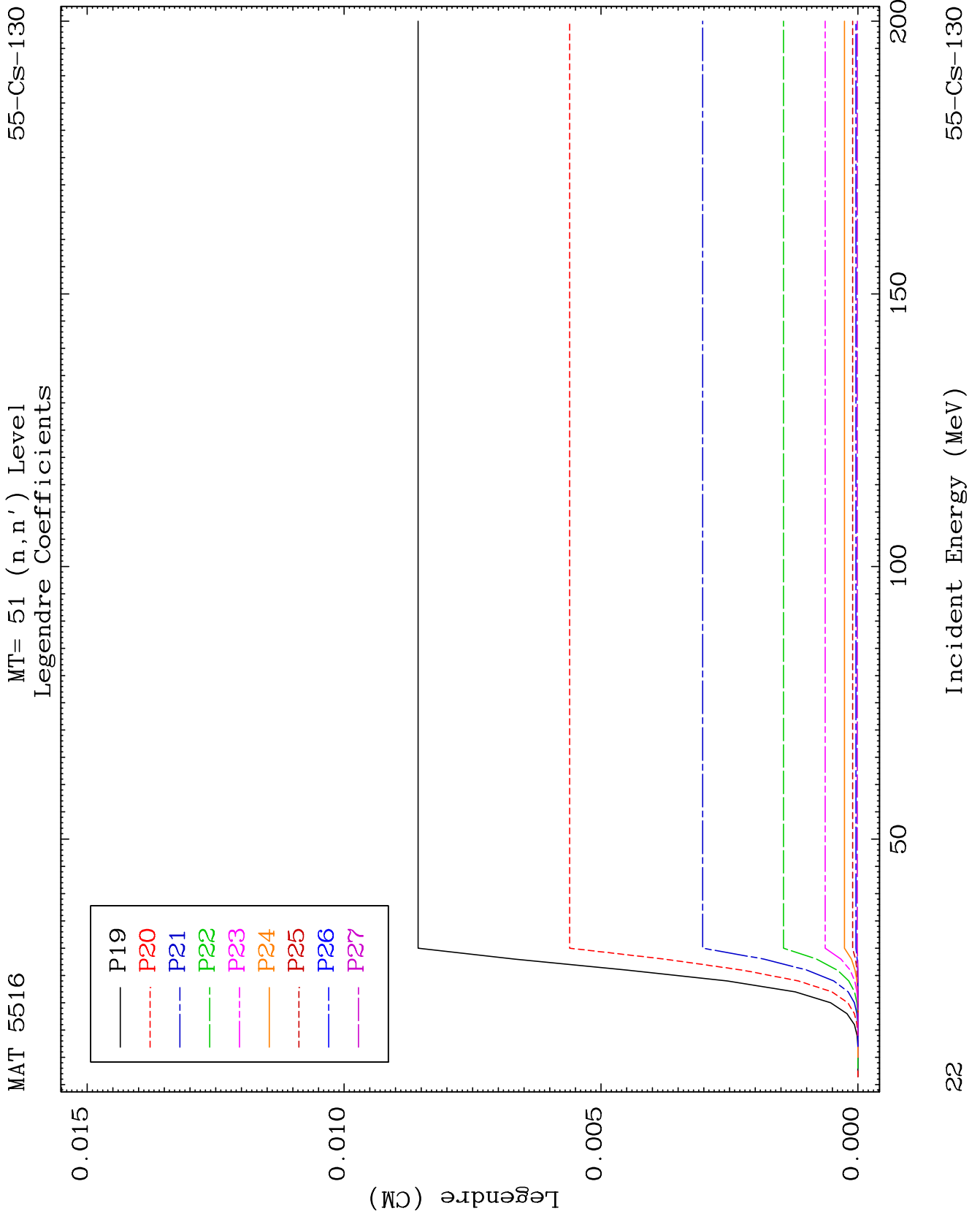
Incident Energy (MeV)

55-Cs-130





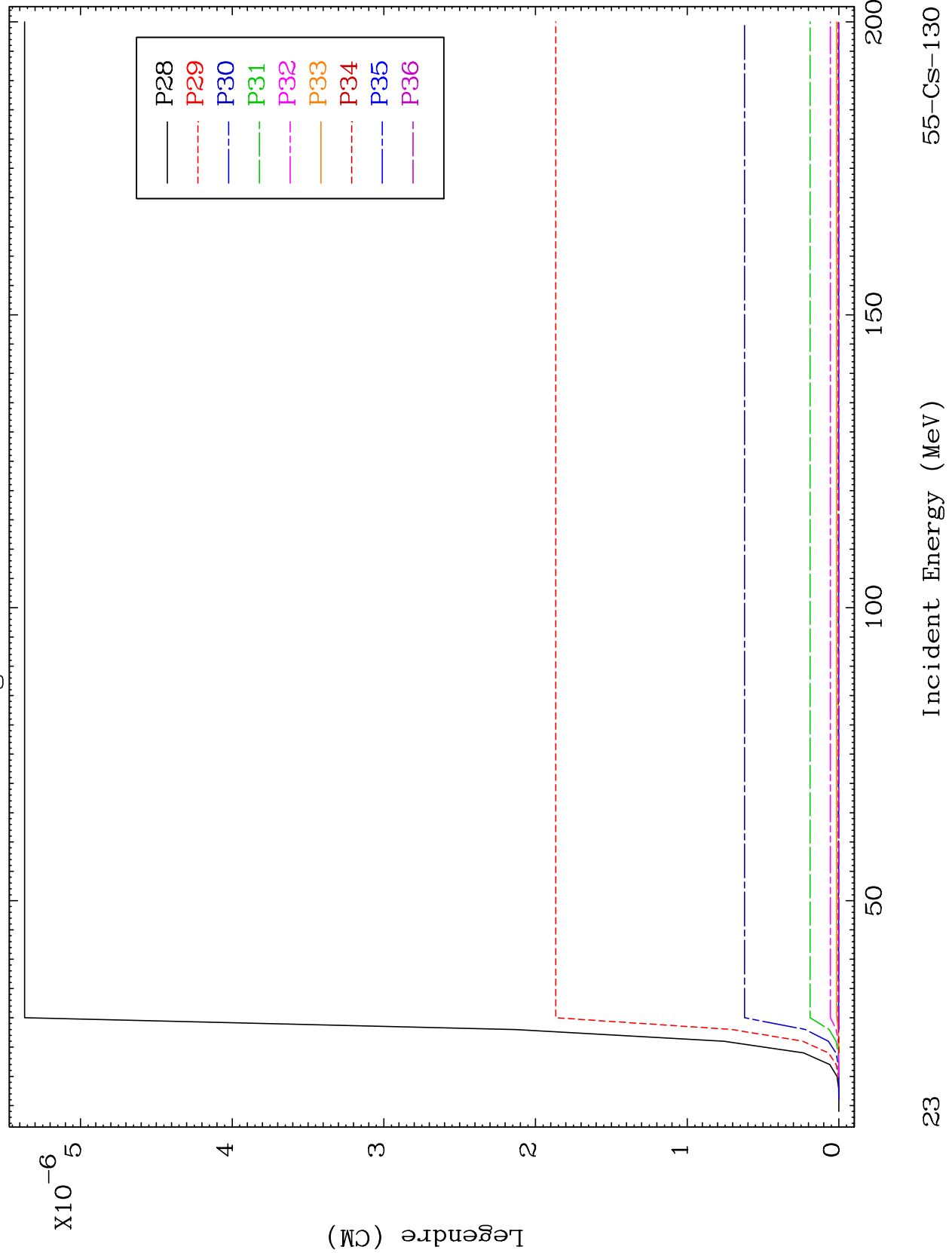




MAT 5516

MT= 51 (n,n') Level  
Legendre Coefficients

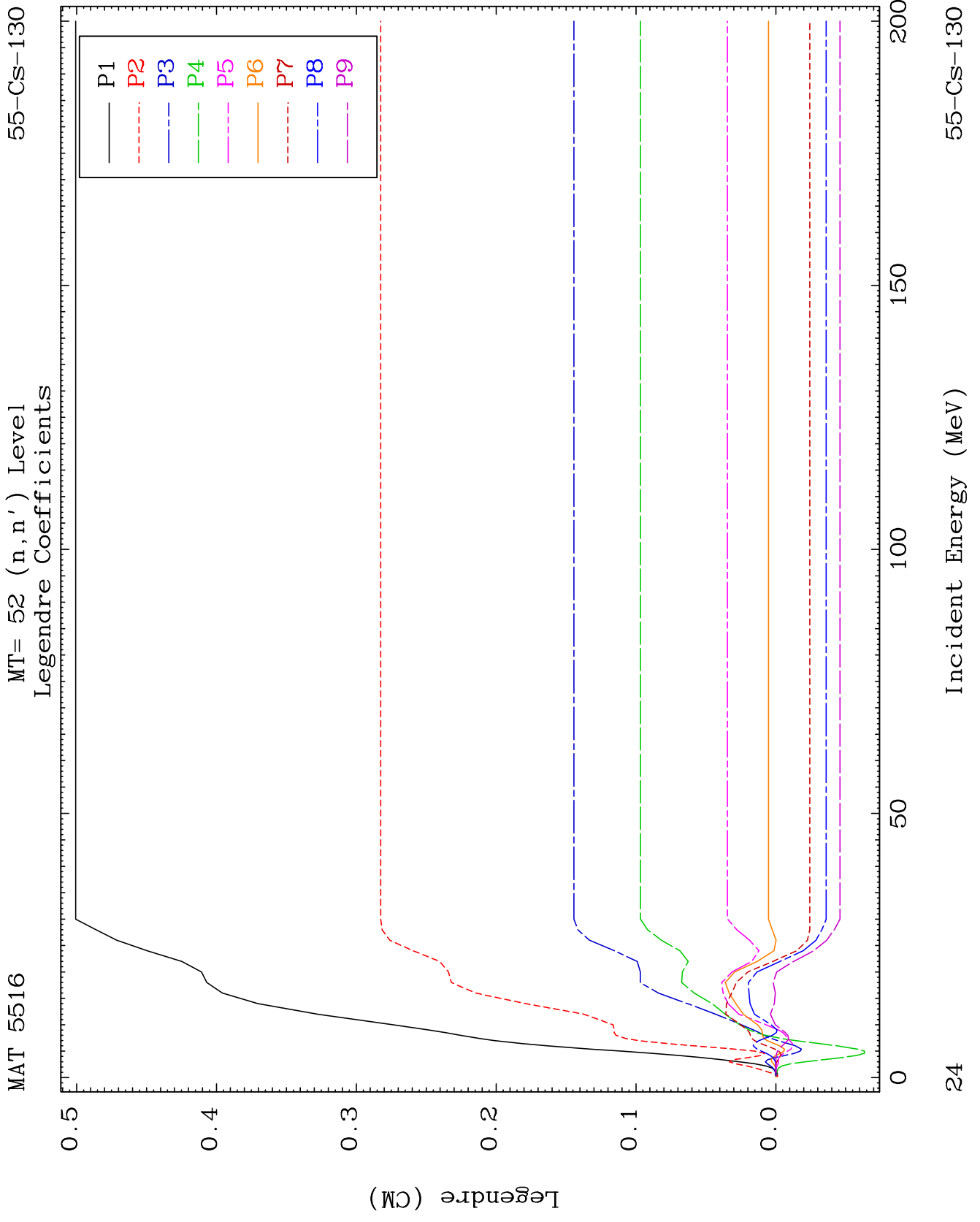
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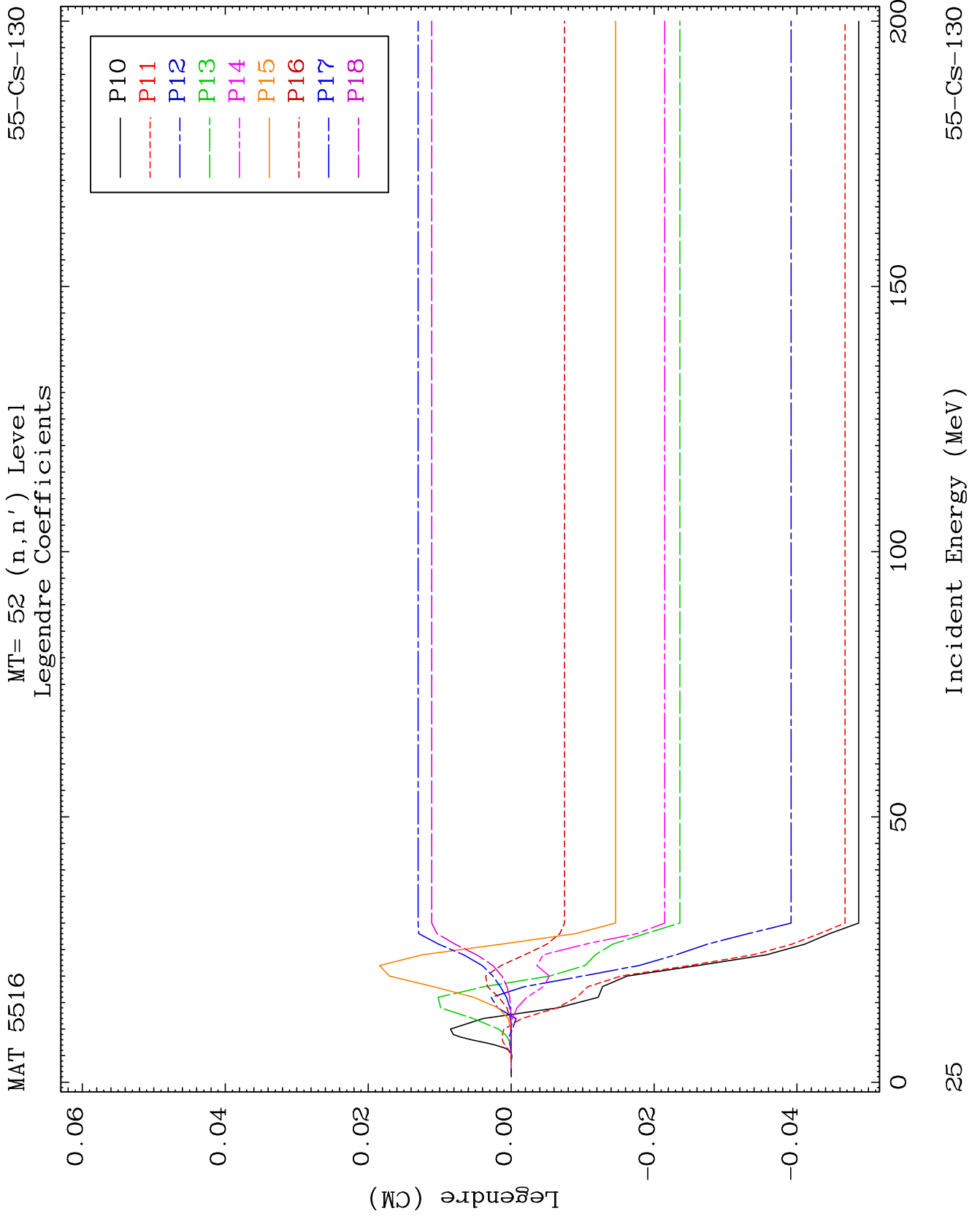


23

55-Cs-130



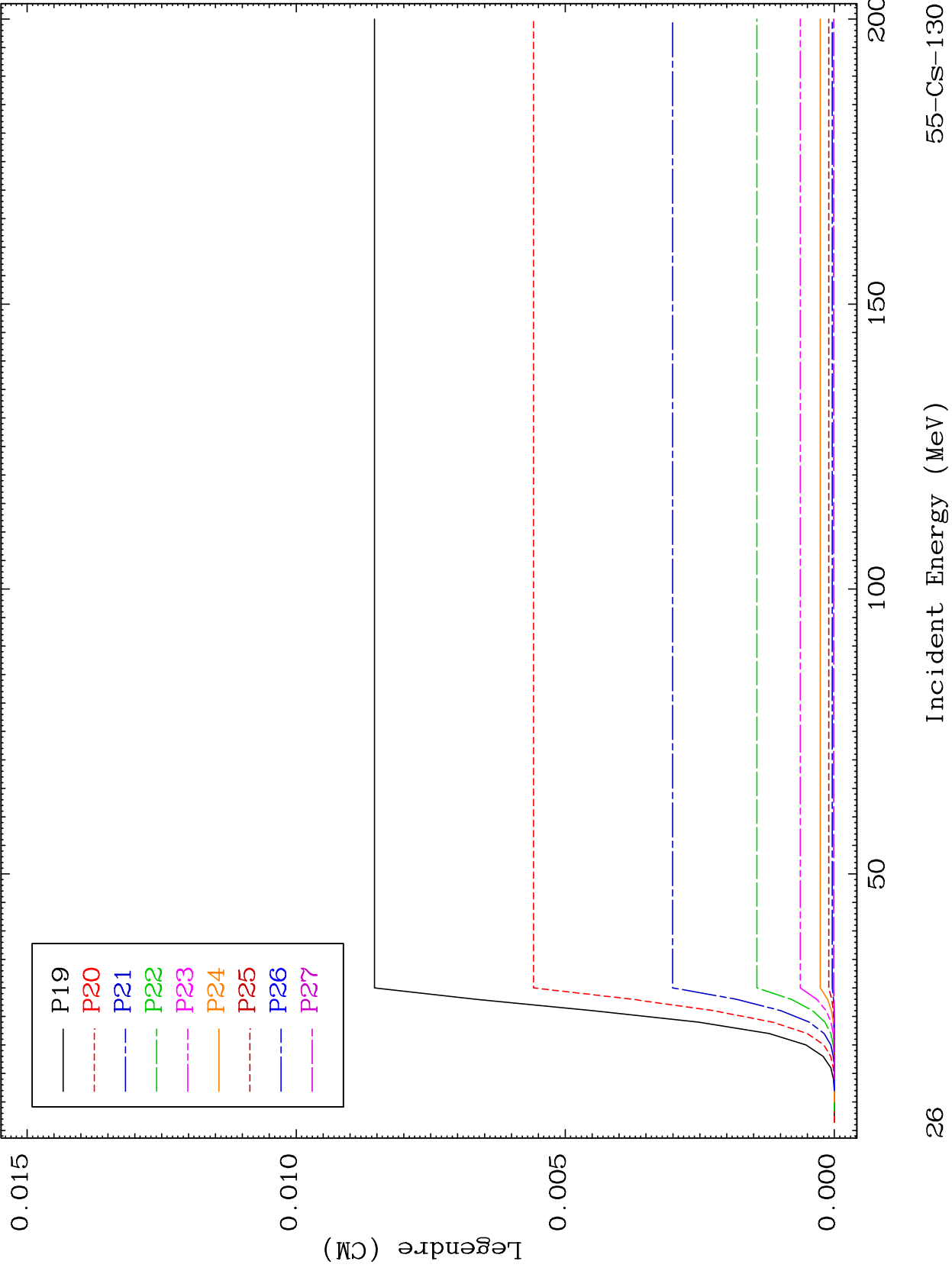




MAT 5516

MT= 52 (n,n') Level  
Legendre Coefficients

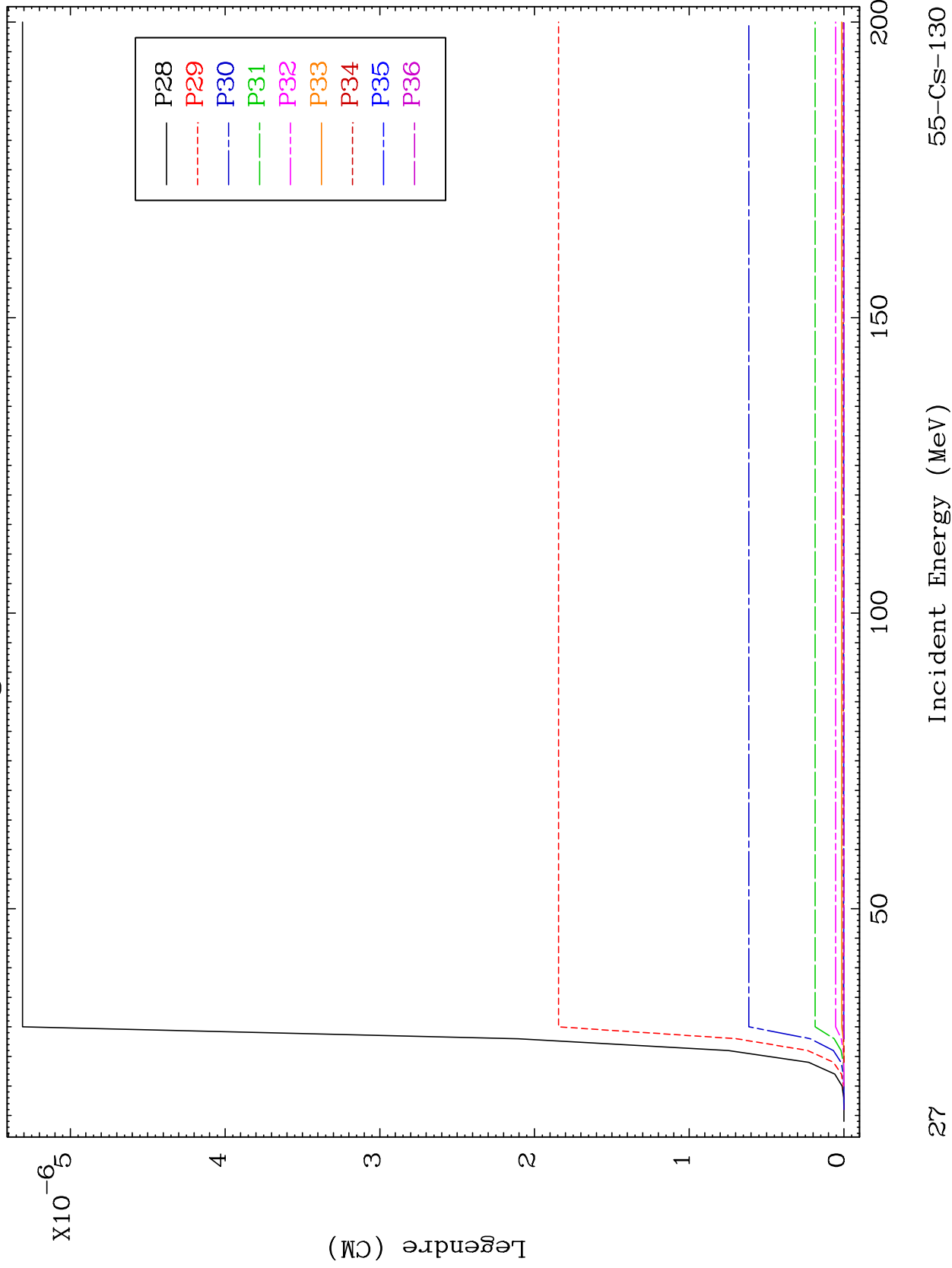
55-Cs-130



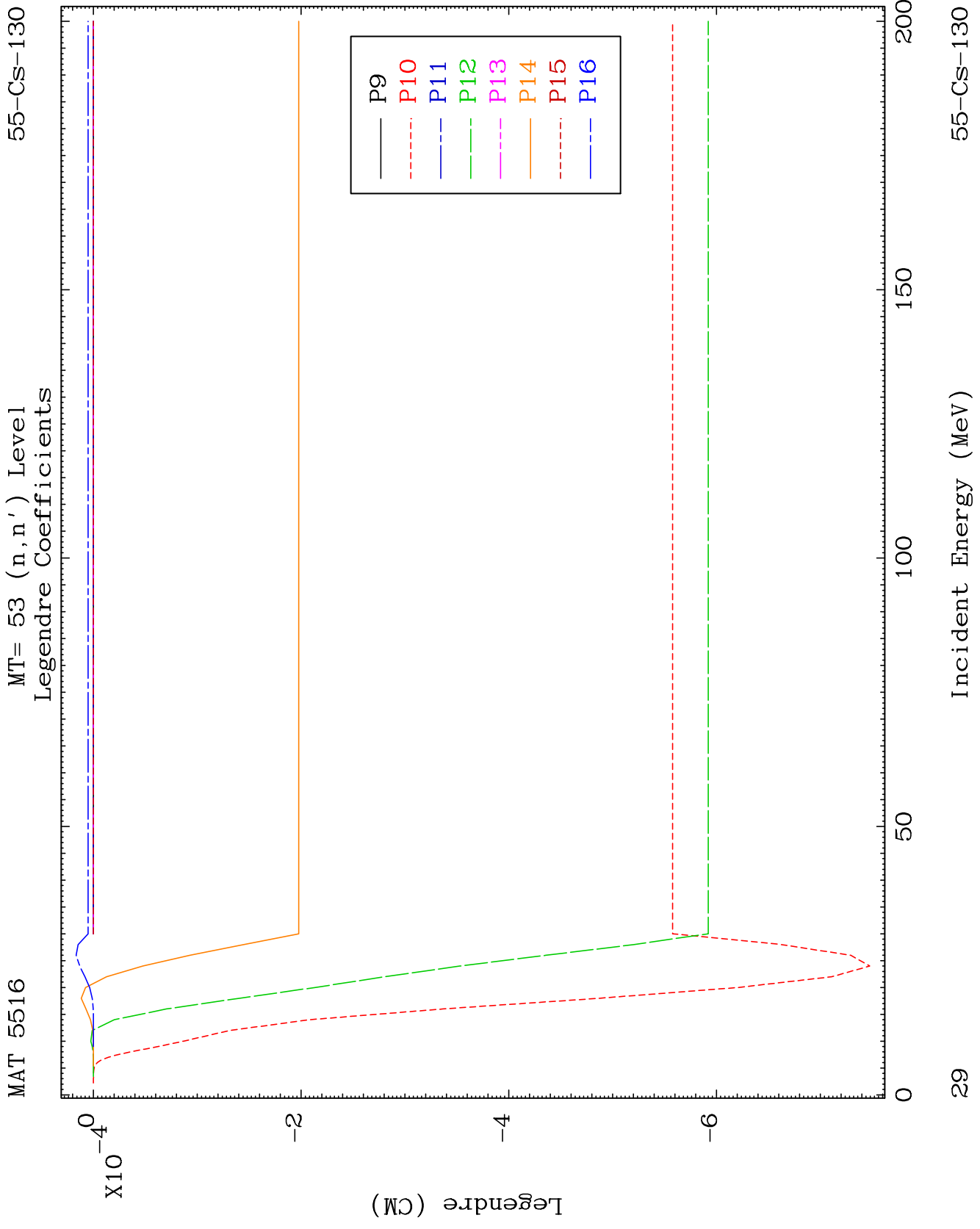
MAT 5516

MT= 52 (n,n') Level  
Legendre Coefficients

55-Cs-130









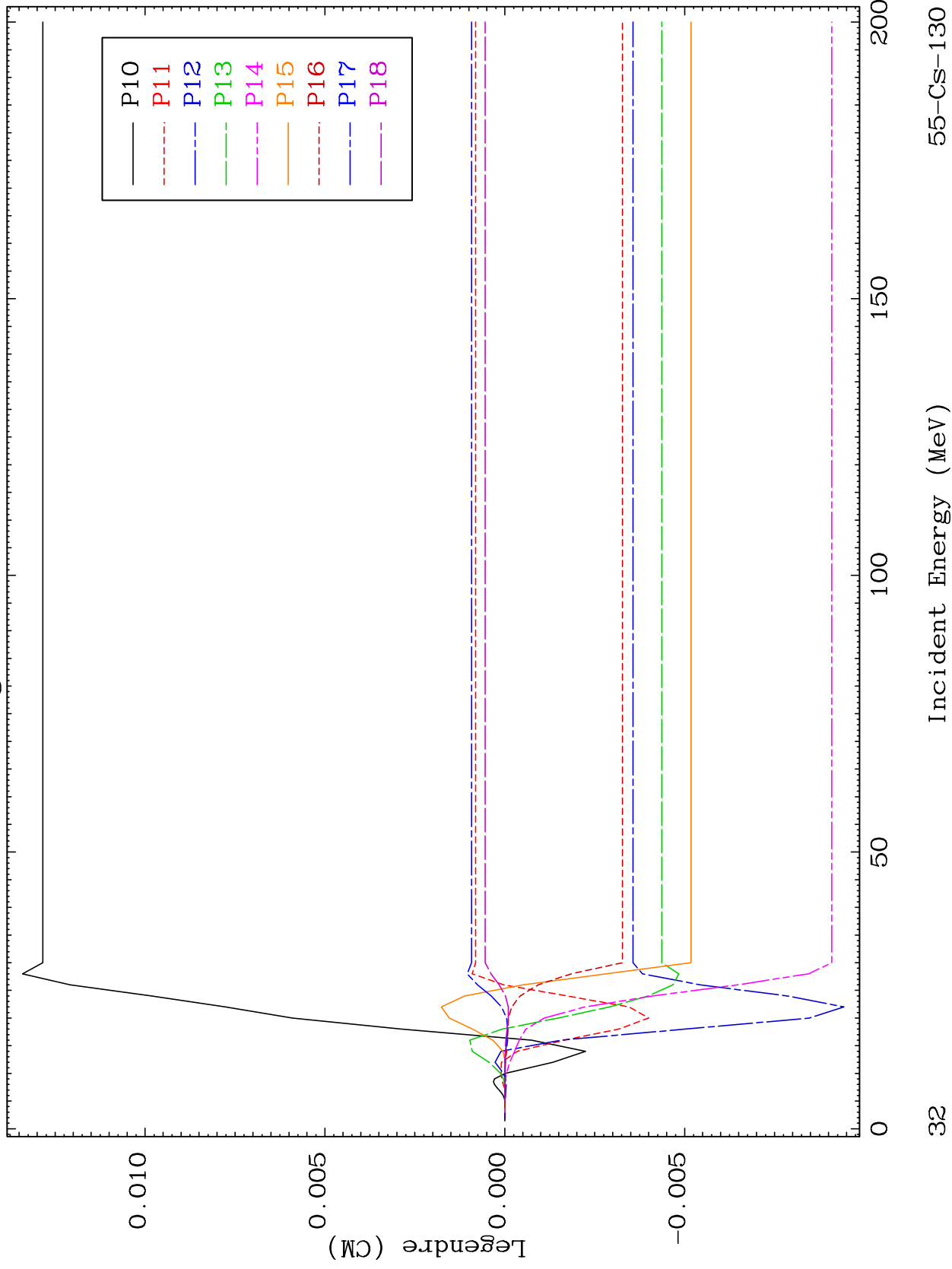




MAT 5516

MT= 54 (n,n') Level  
Legendre Coefficients

55-Cs-130



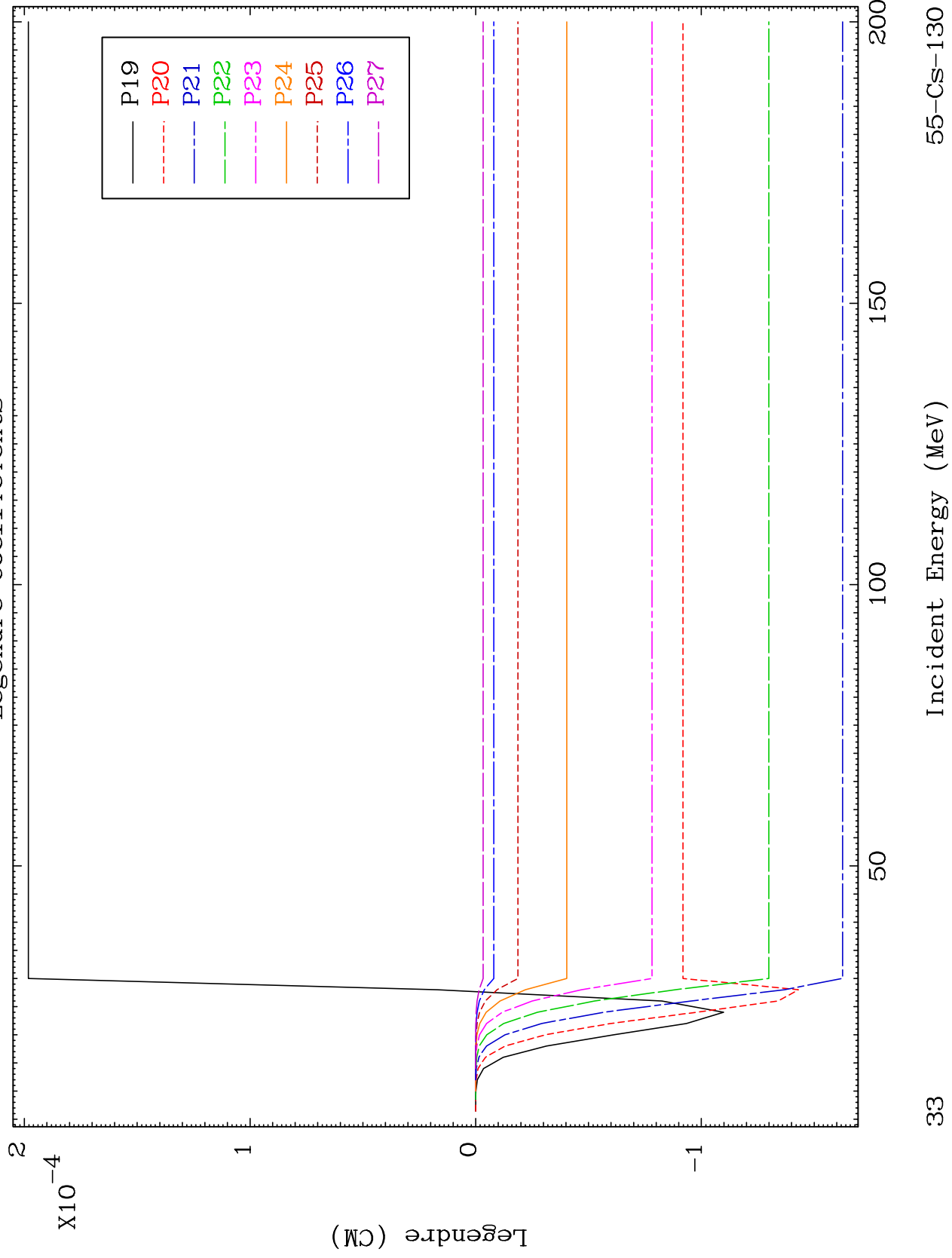
32

55-Cs-130

MAT 5516

MT= 54 (n,n') Level  
Legendre Coefficients

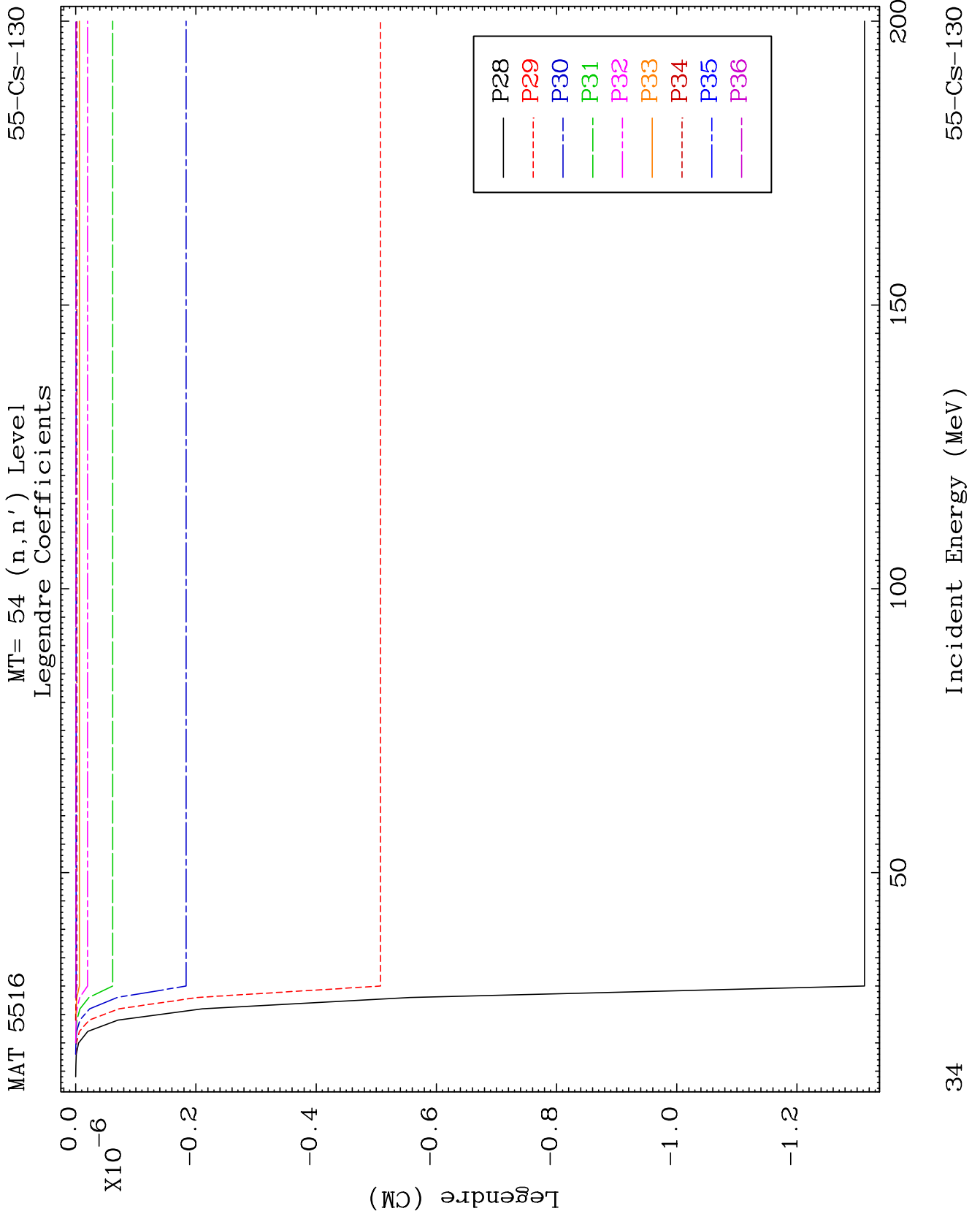
55-Cs-130



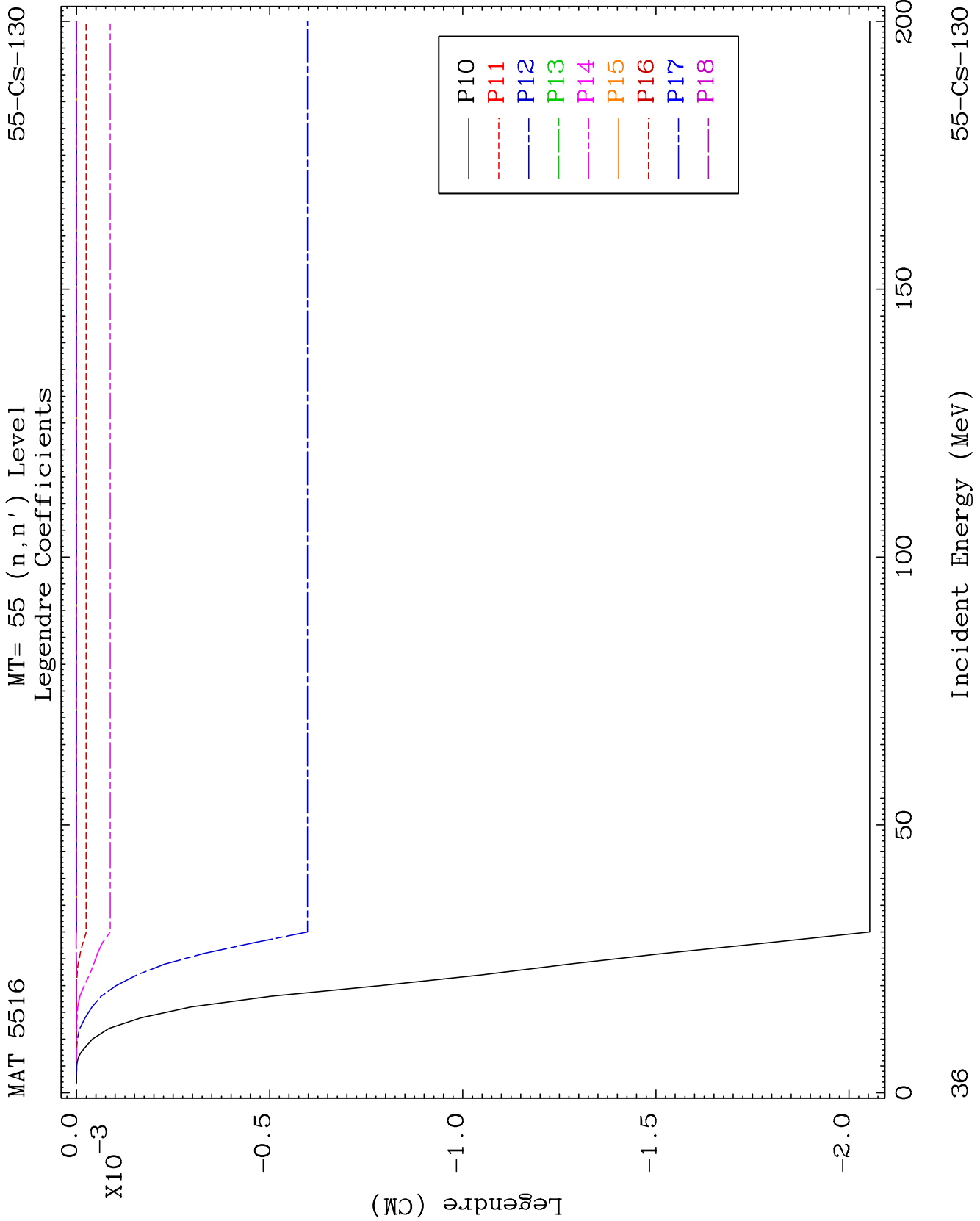
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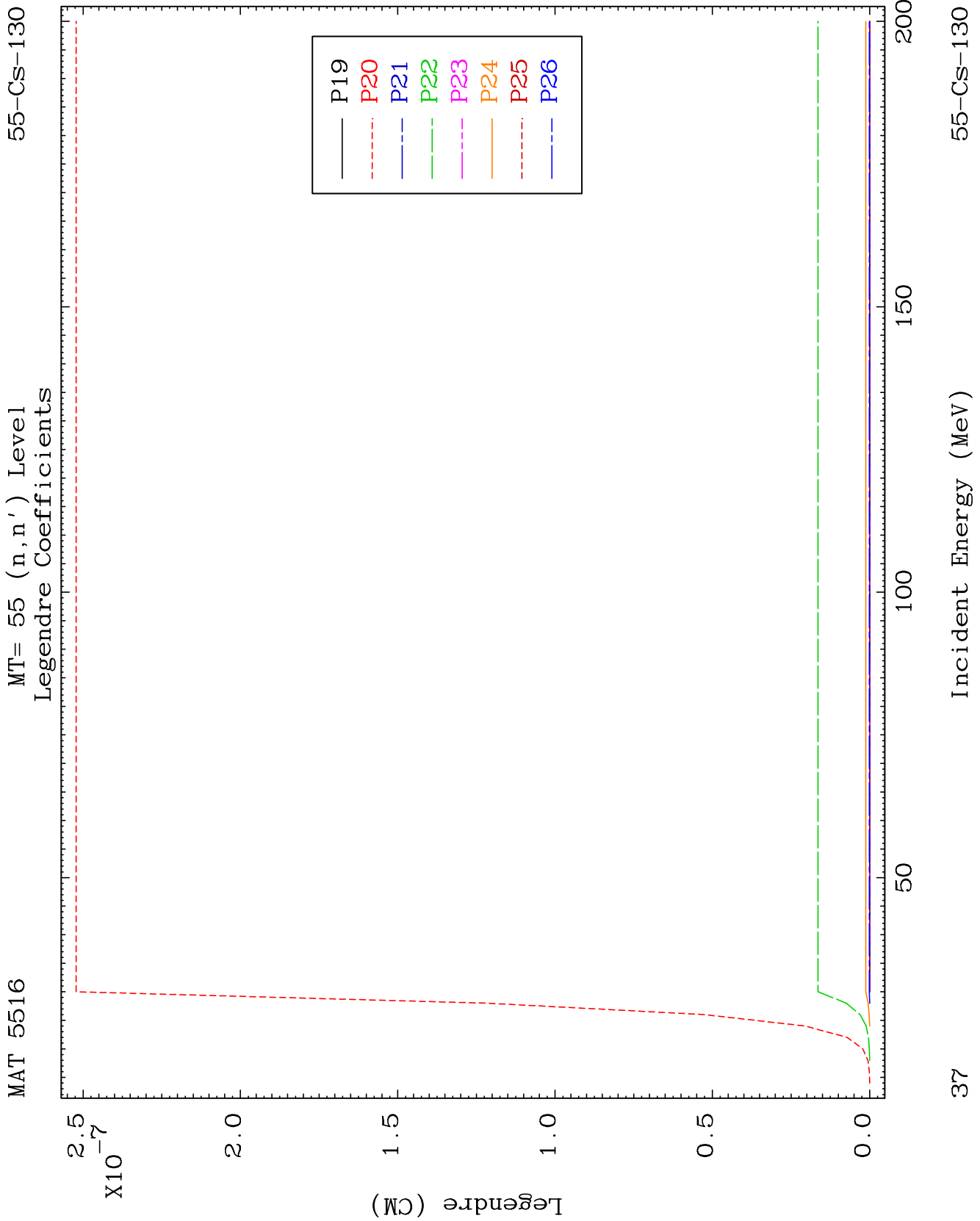
Incident Energy (MeV)

55-Cs-130





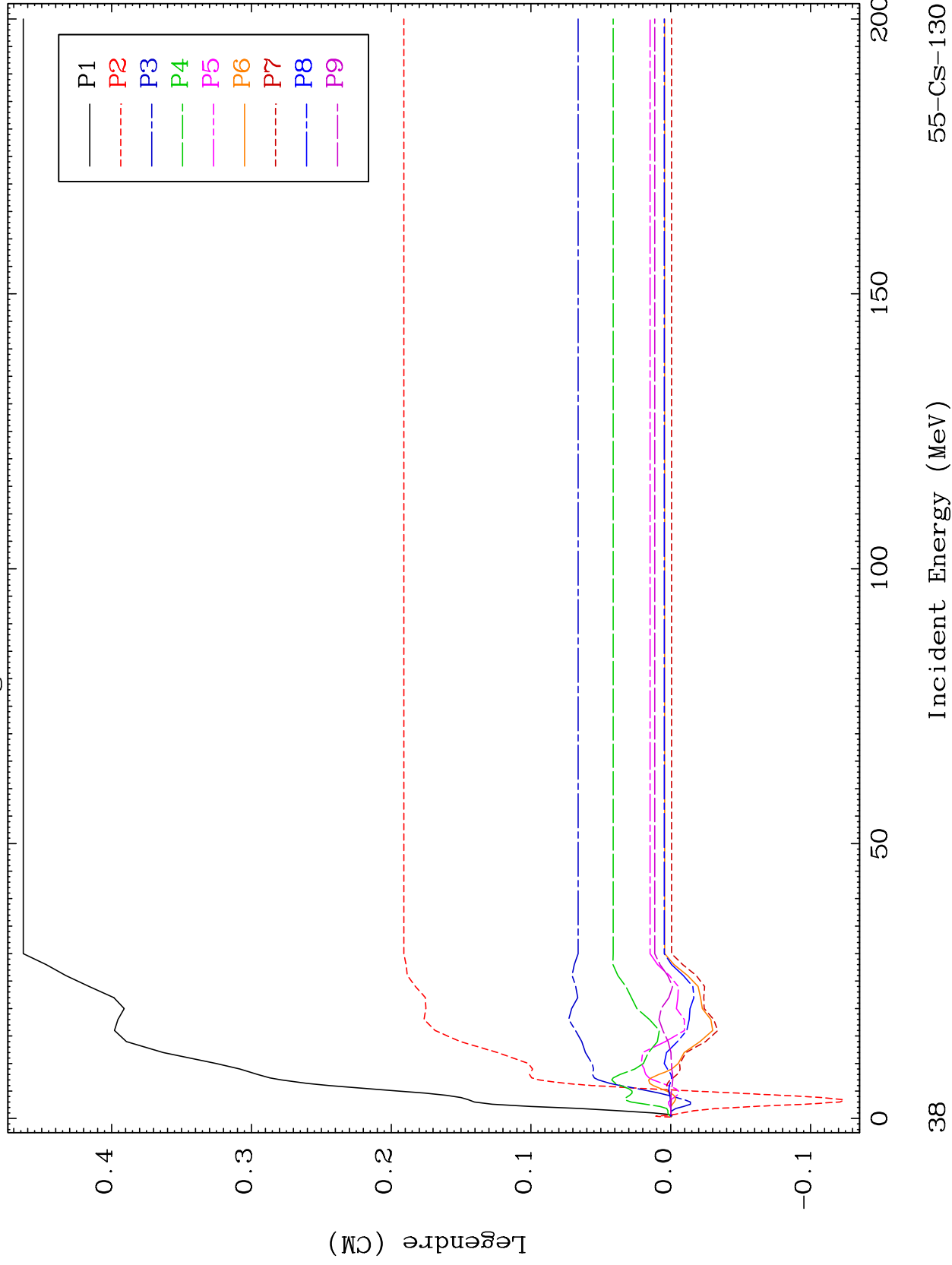




MAT 5516

MT= 56 (n,n') Level  
Legendre Coefficients

55-Cs-130



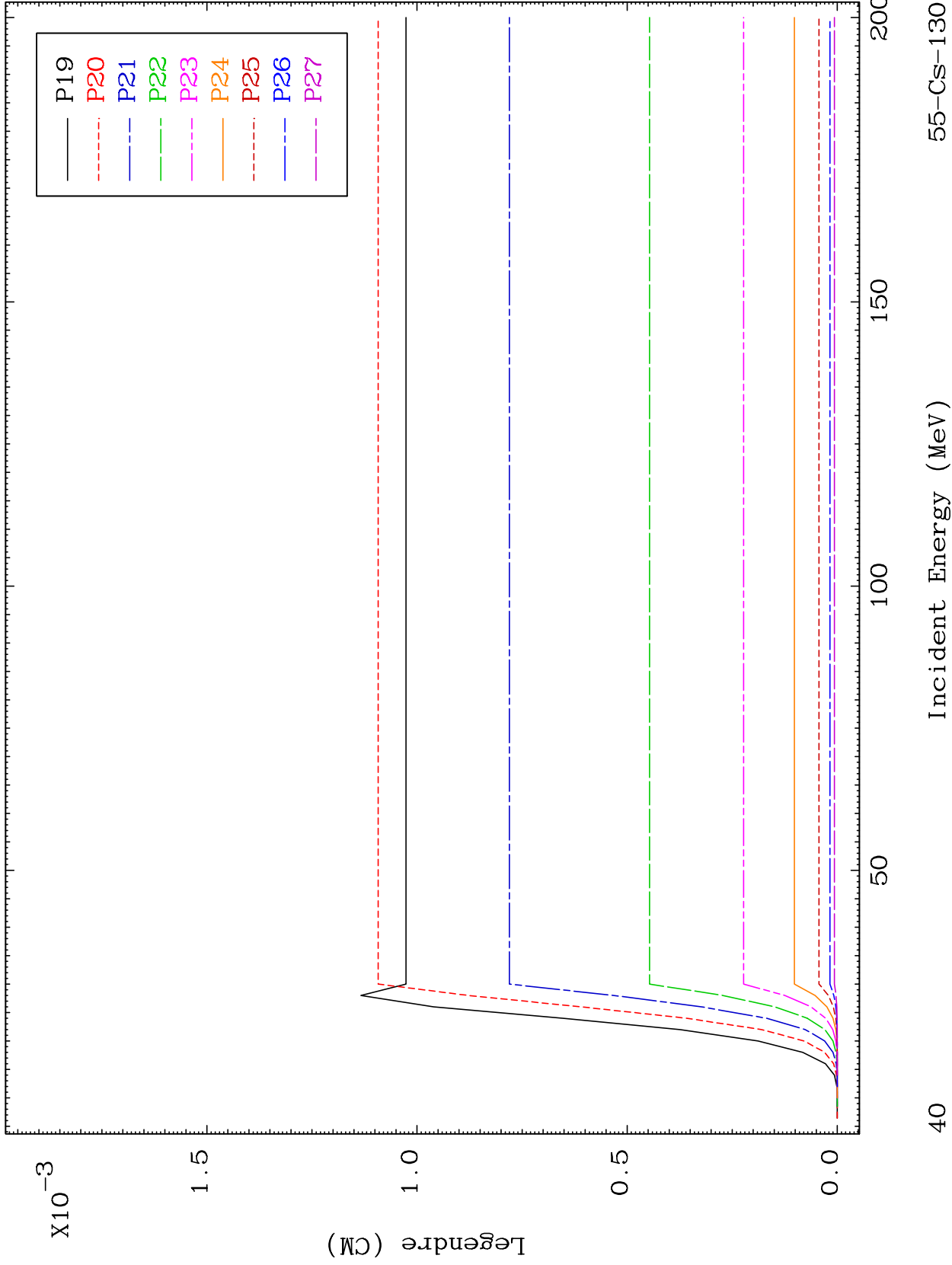




MAT 5516

MT= 56 (n,n') Level  
Legendre Coefficients

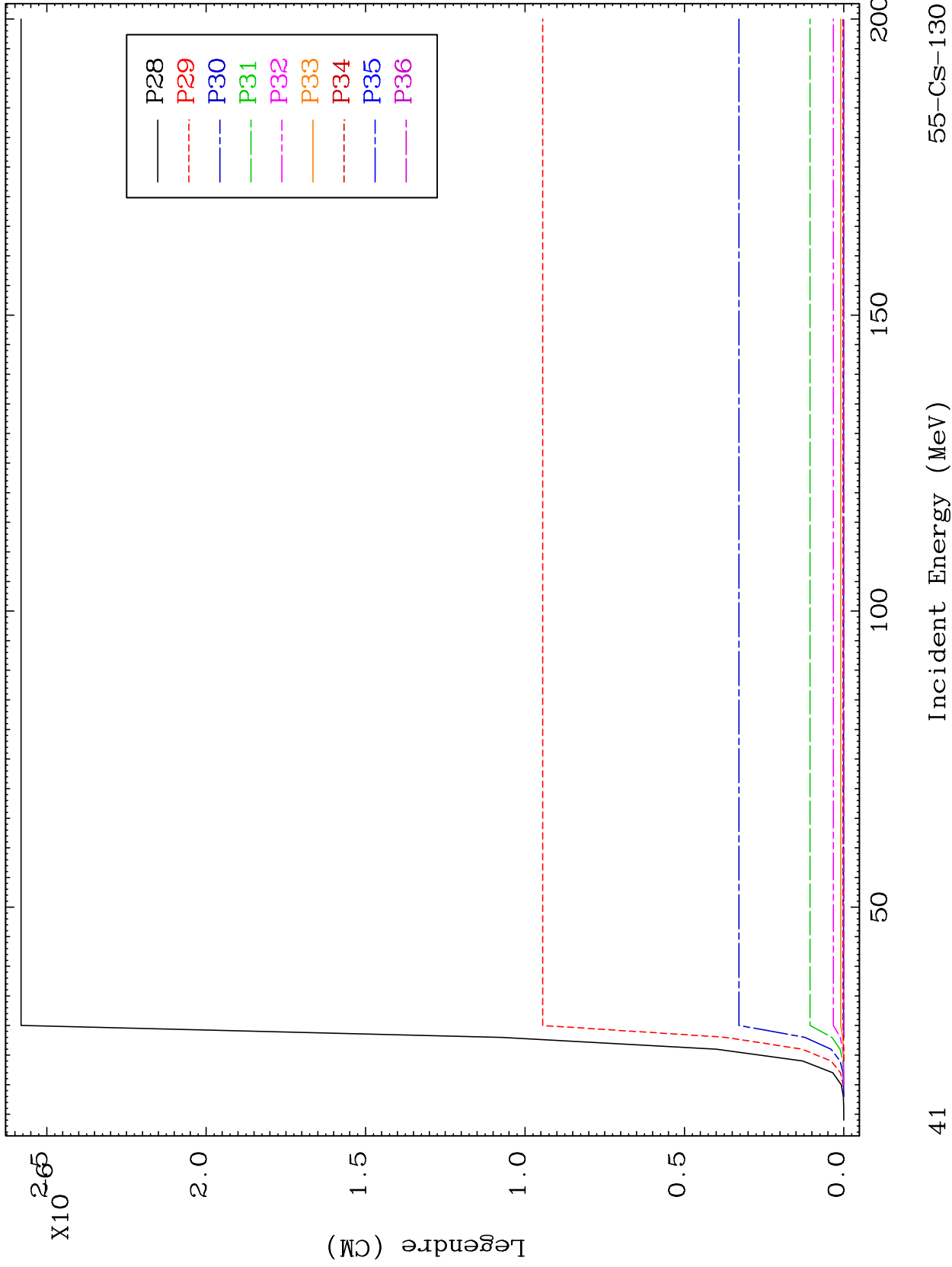
55-Cs-130



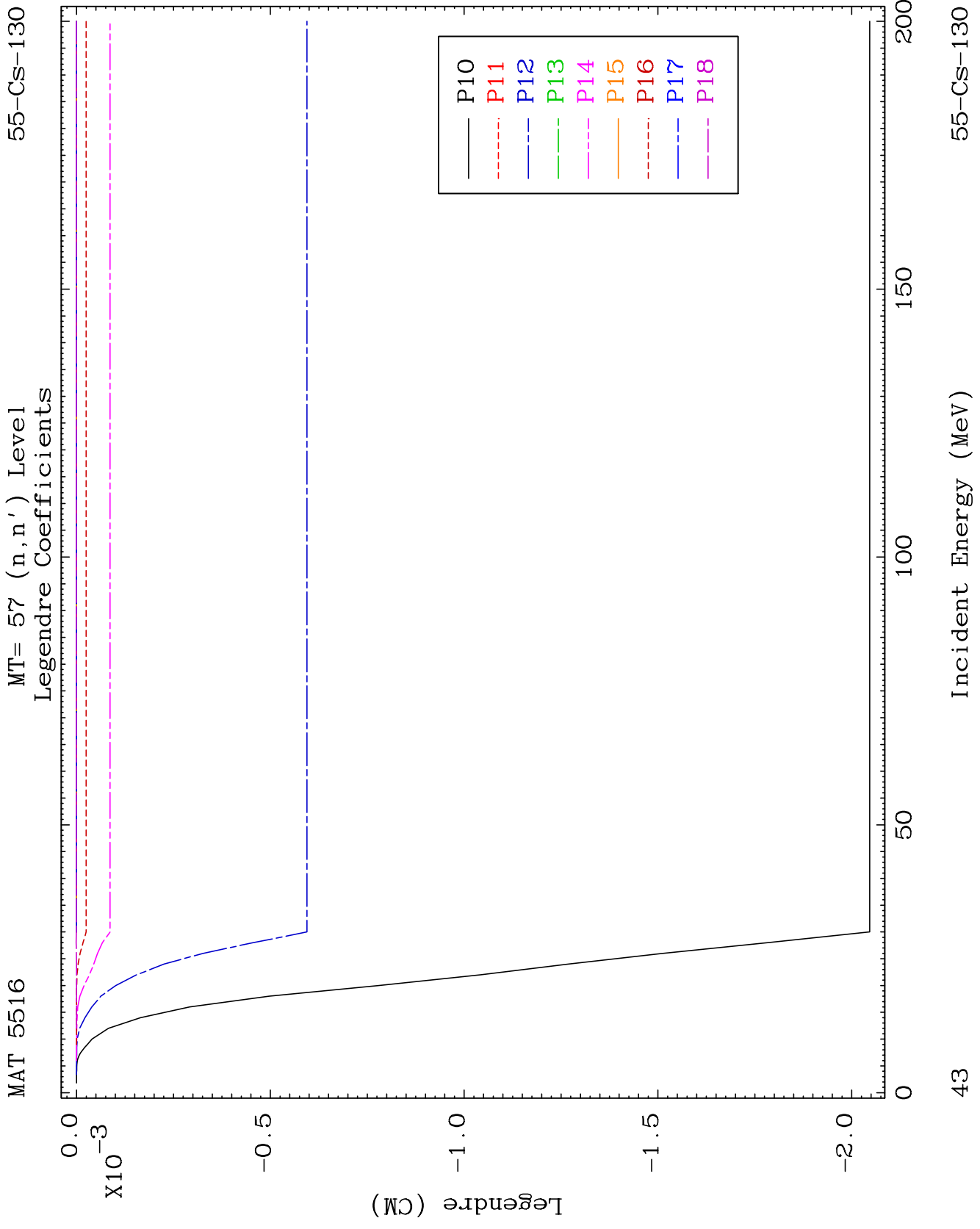
MAT 5516

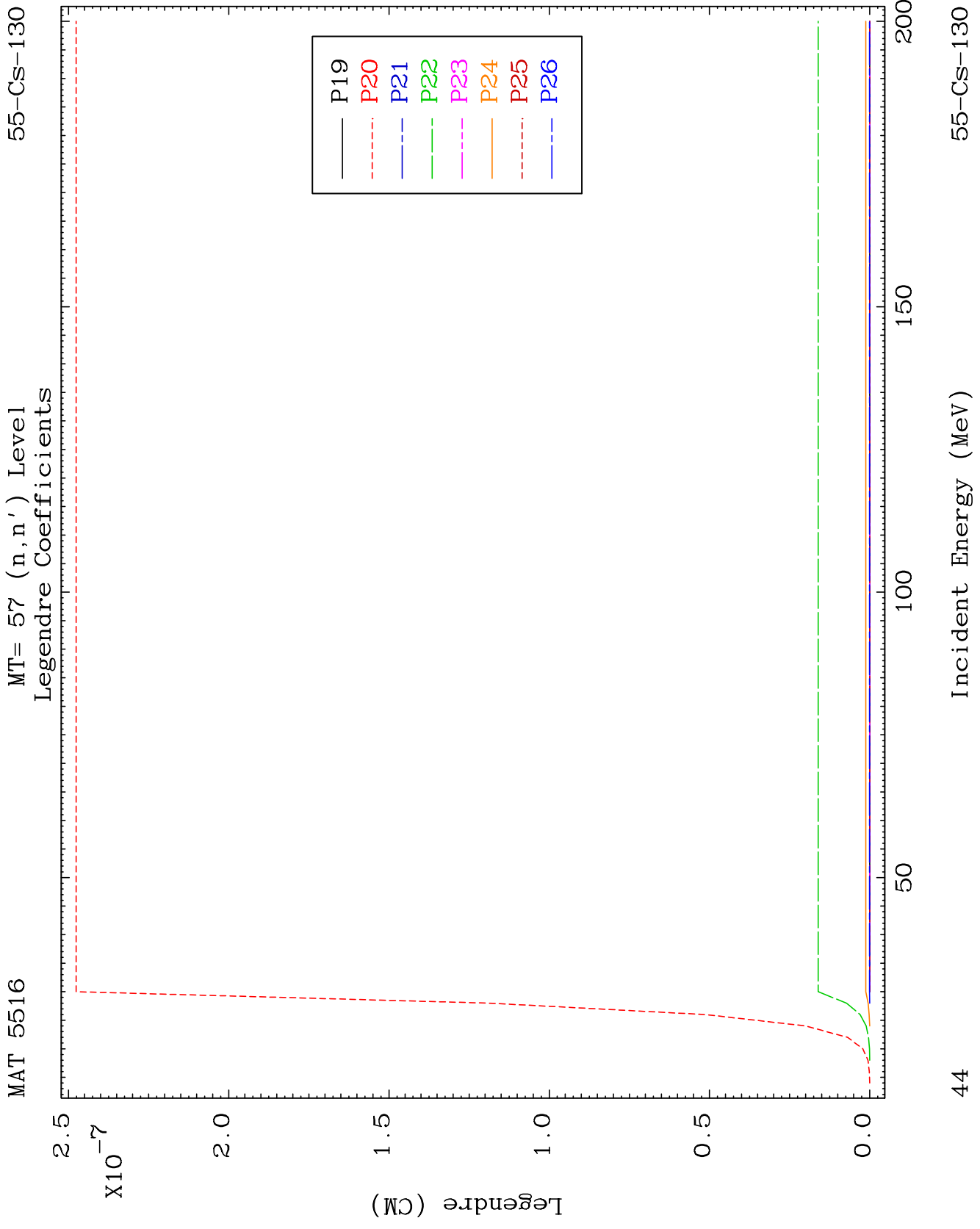
MT= 56 (n,n') Level  
Legendre Coefficients

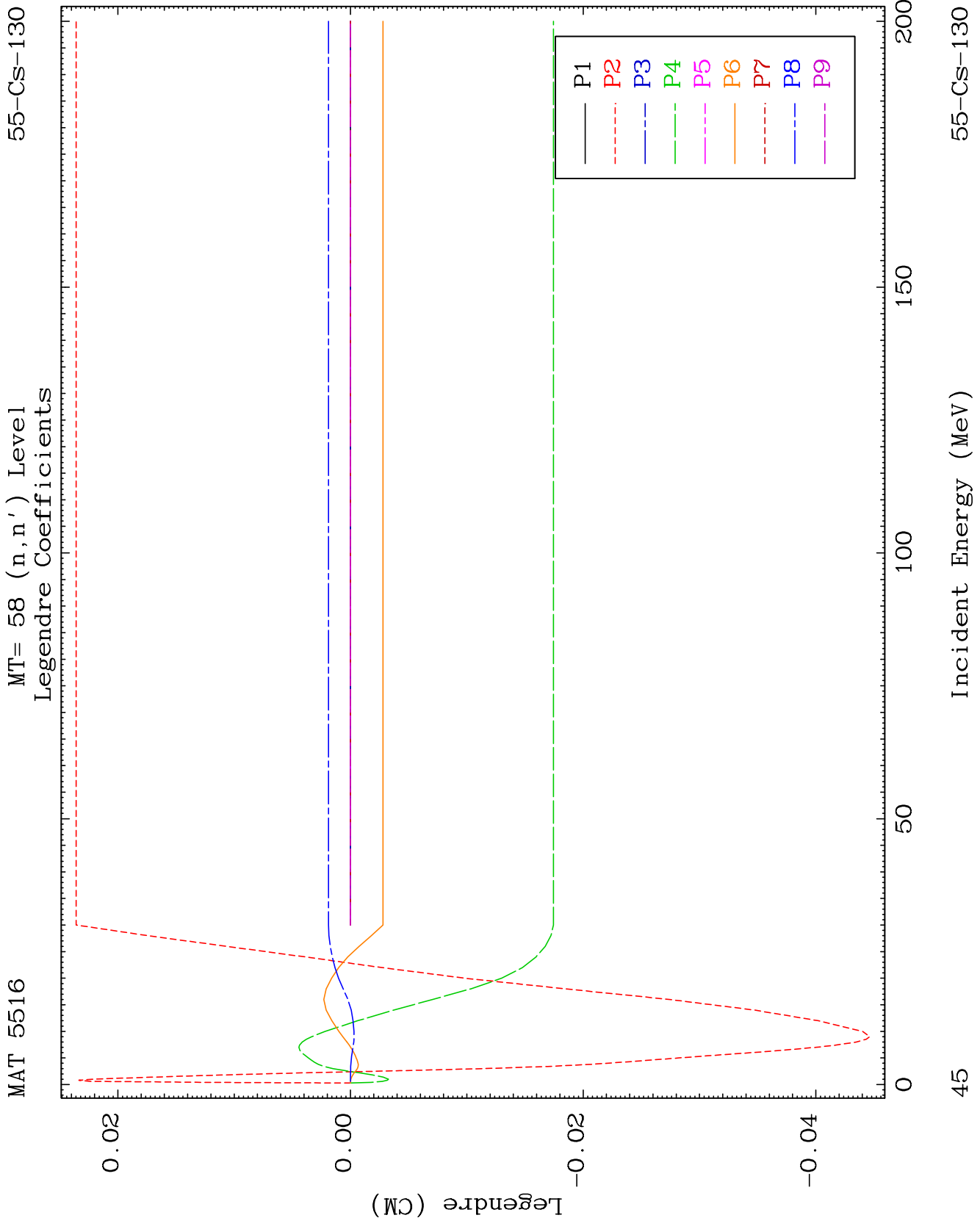
55-Cs-130







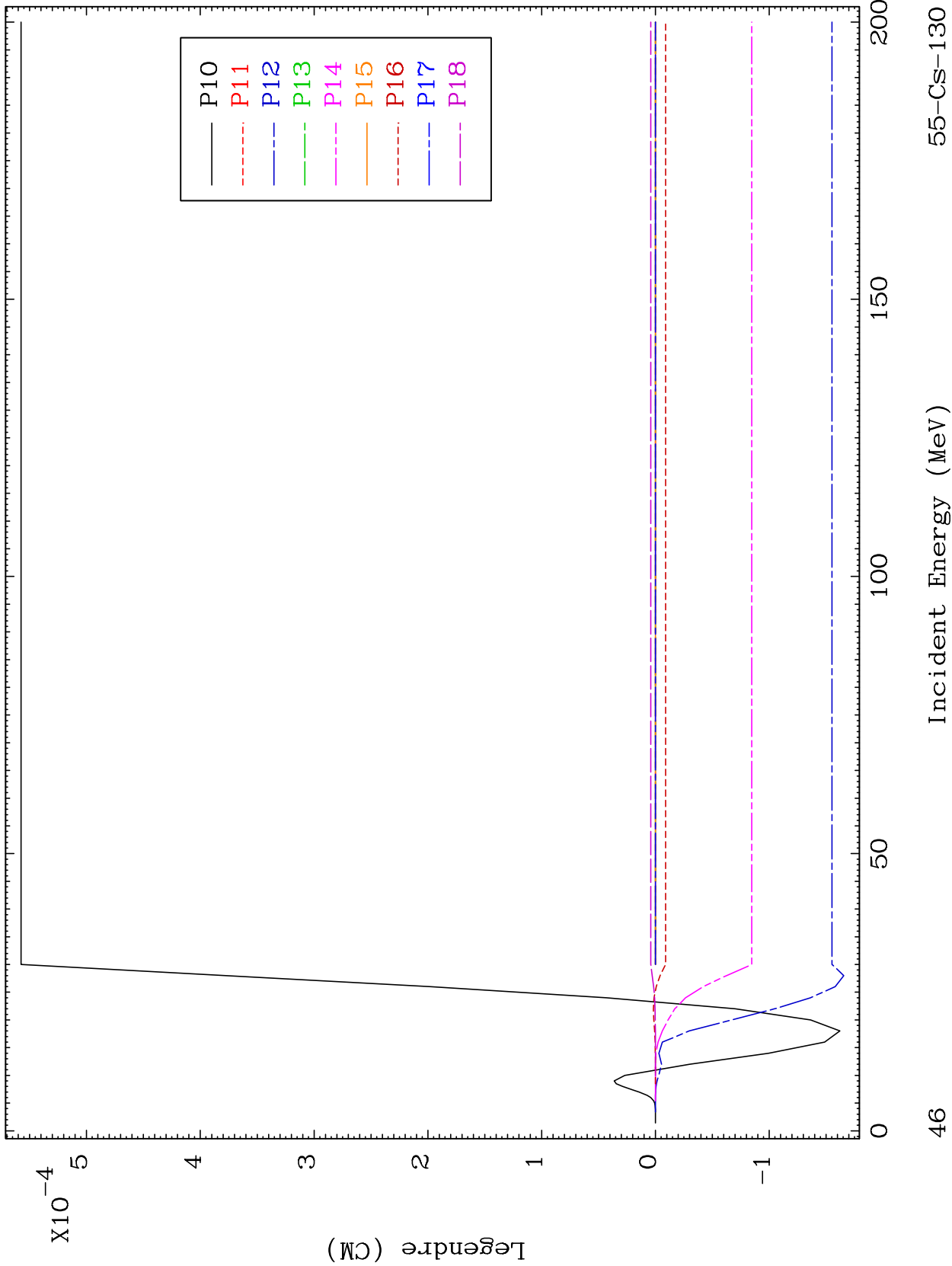




MAT 5516

MT= 58 (n,n') Level  
Legendre Coefficients

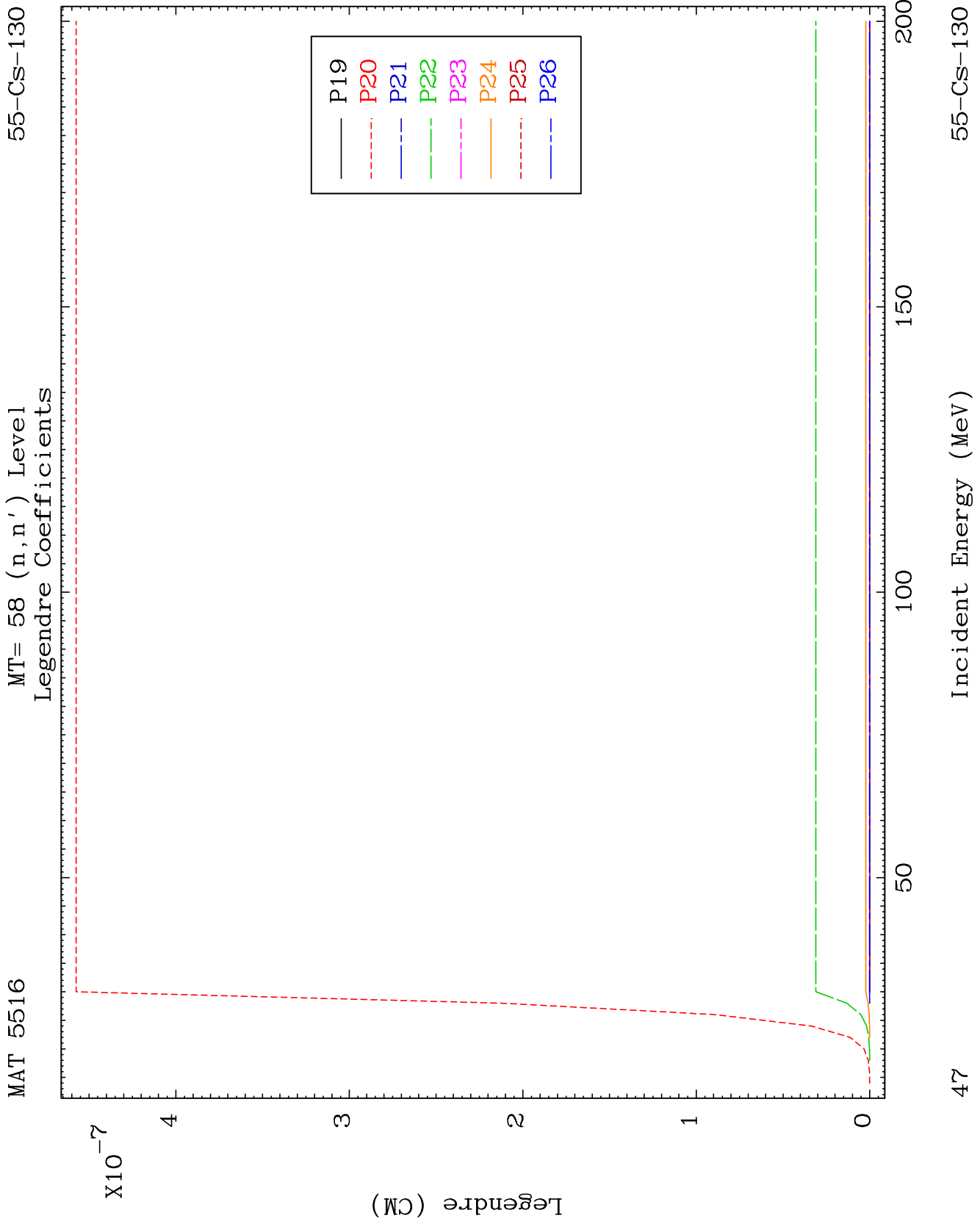
55-Cs-130



55-Cs-130

Incident Energy (MeV)

46

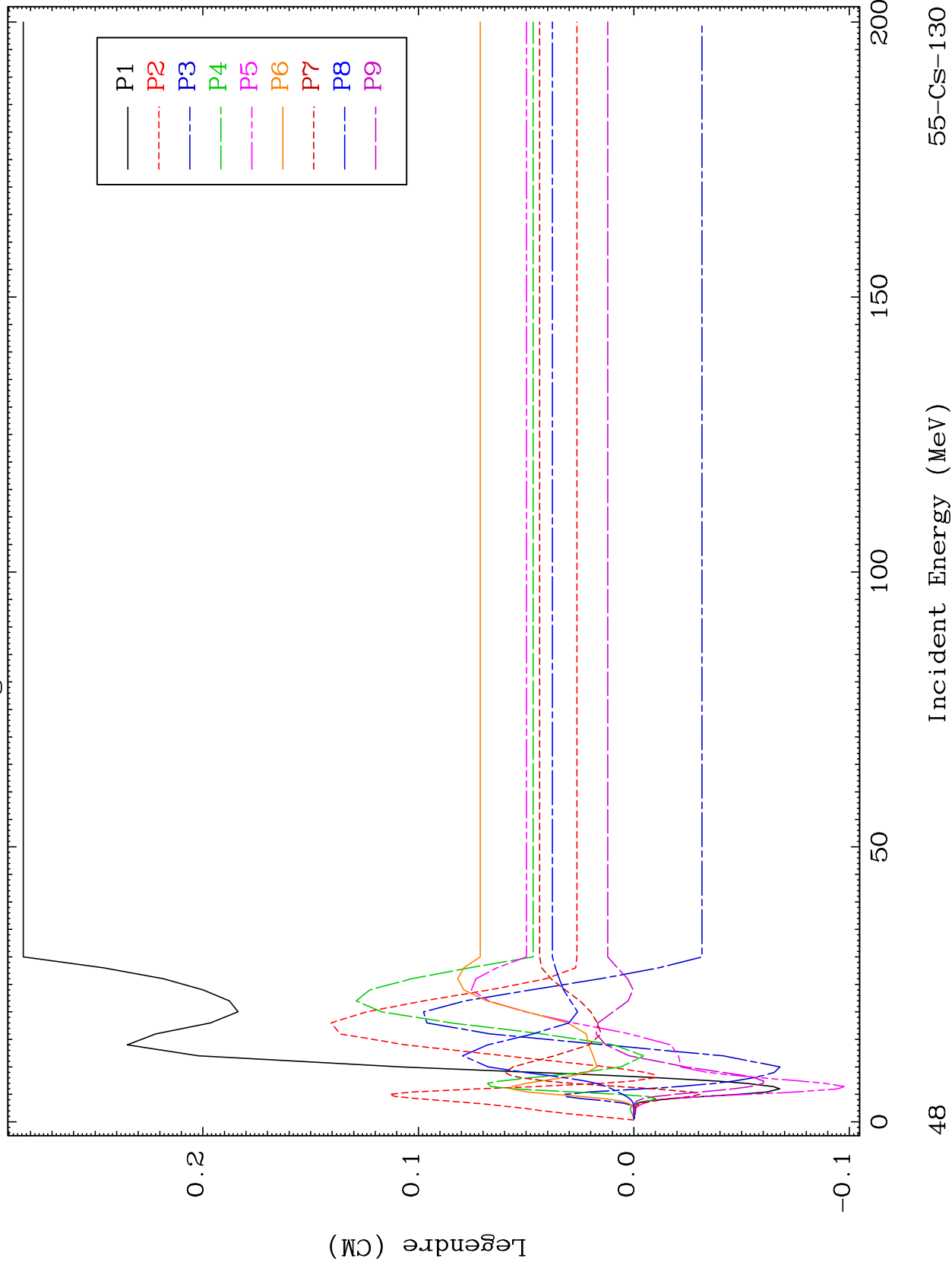




MAT 5516

MT= 59 (n,n') Level  
Legendre Coefficients

55-Cs-130



55-Cs-130

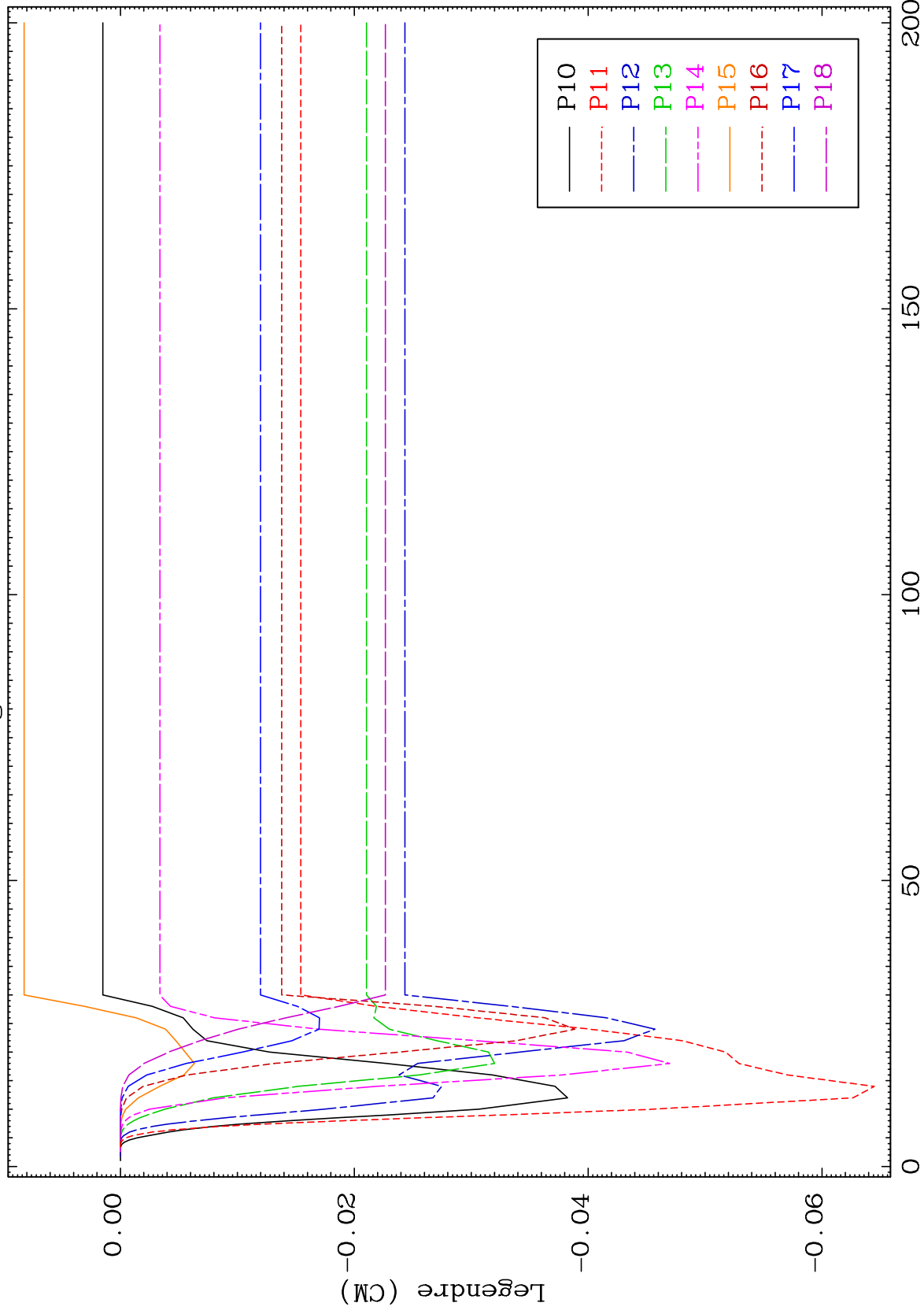
Incident Energy (MeV)

48

MAT 5516

MT= 59 (n,n') Level  
Legendre Coefficients

55-Cs-130

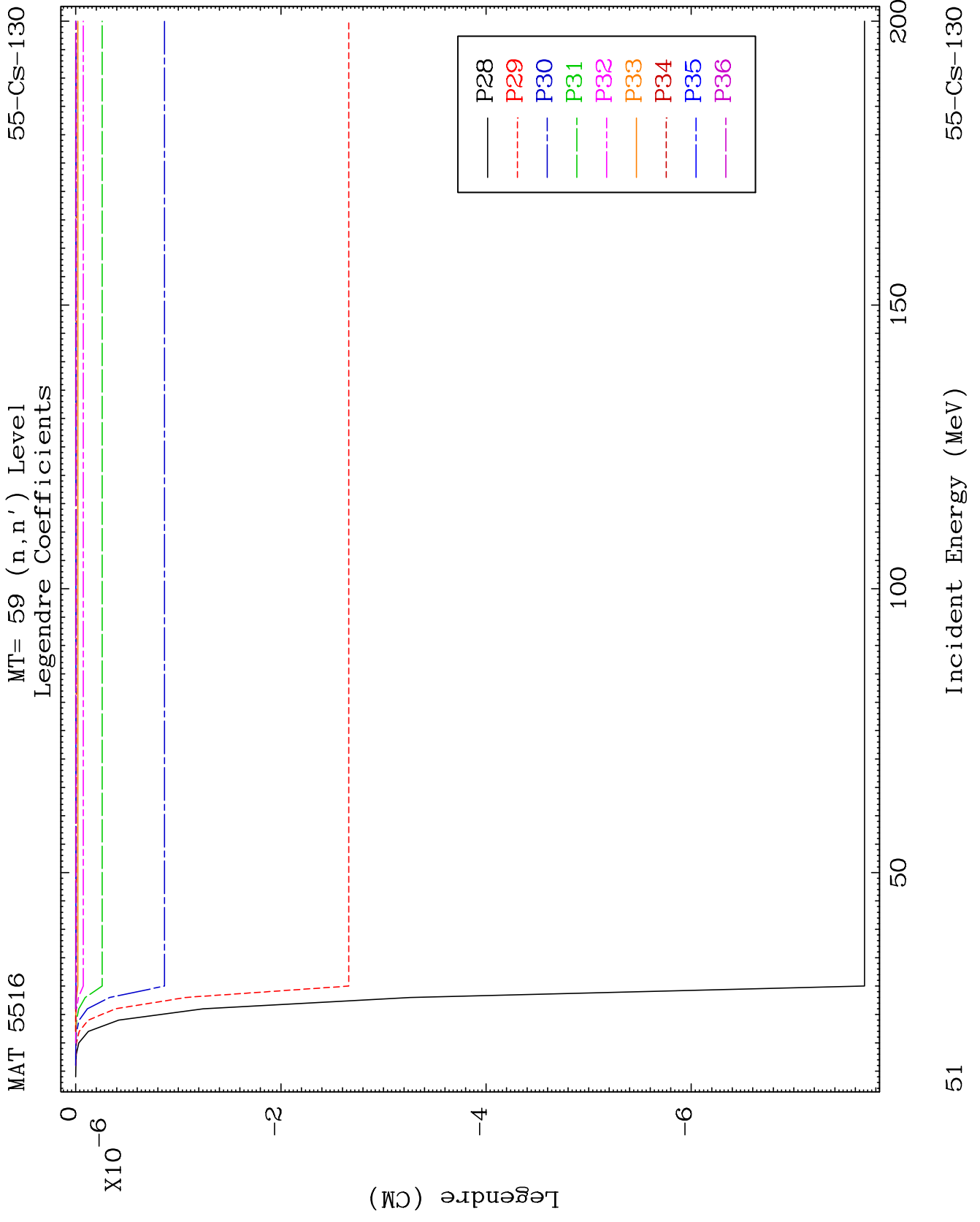


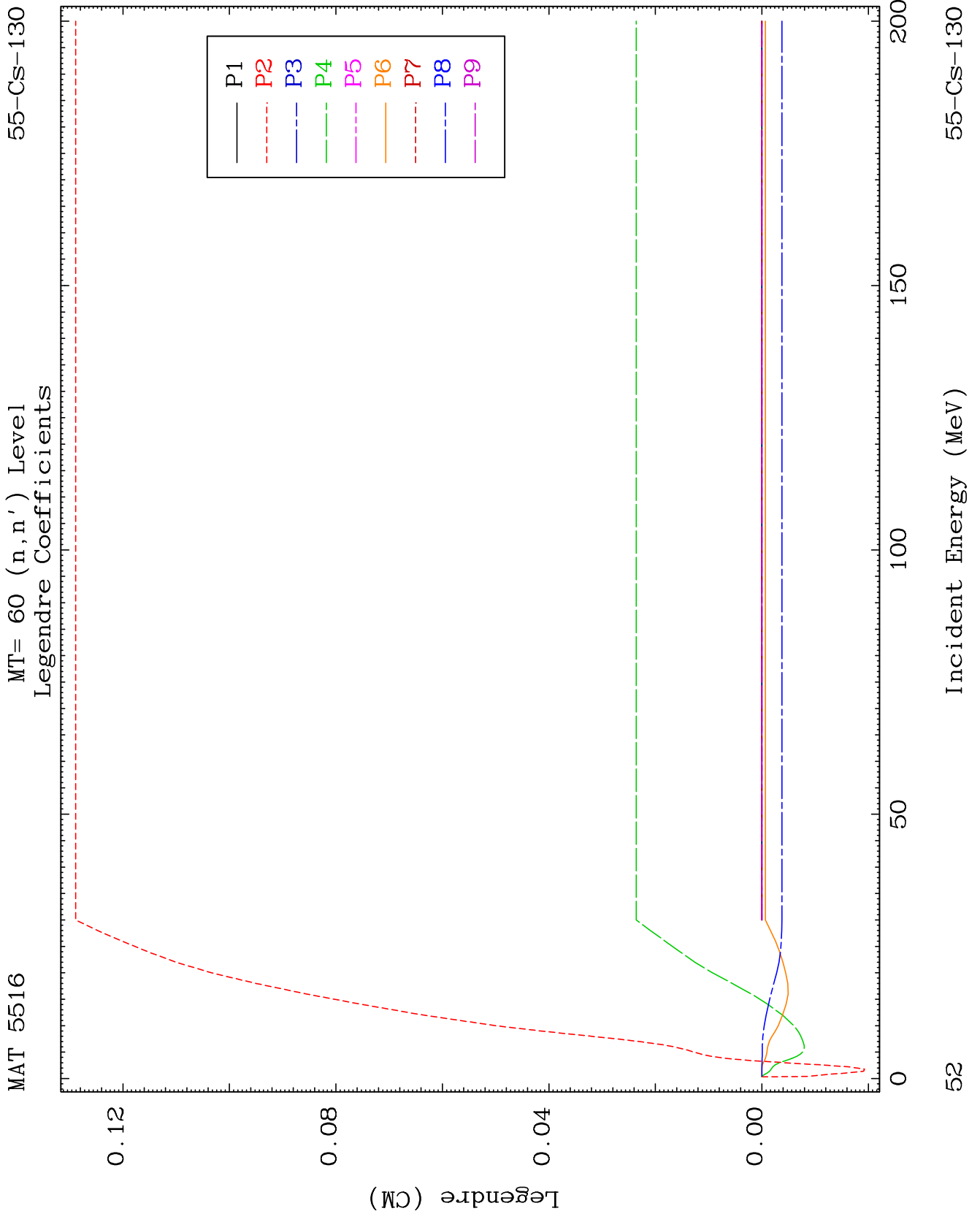
49

Incident Energy (MeV)

55-Cs-130

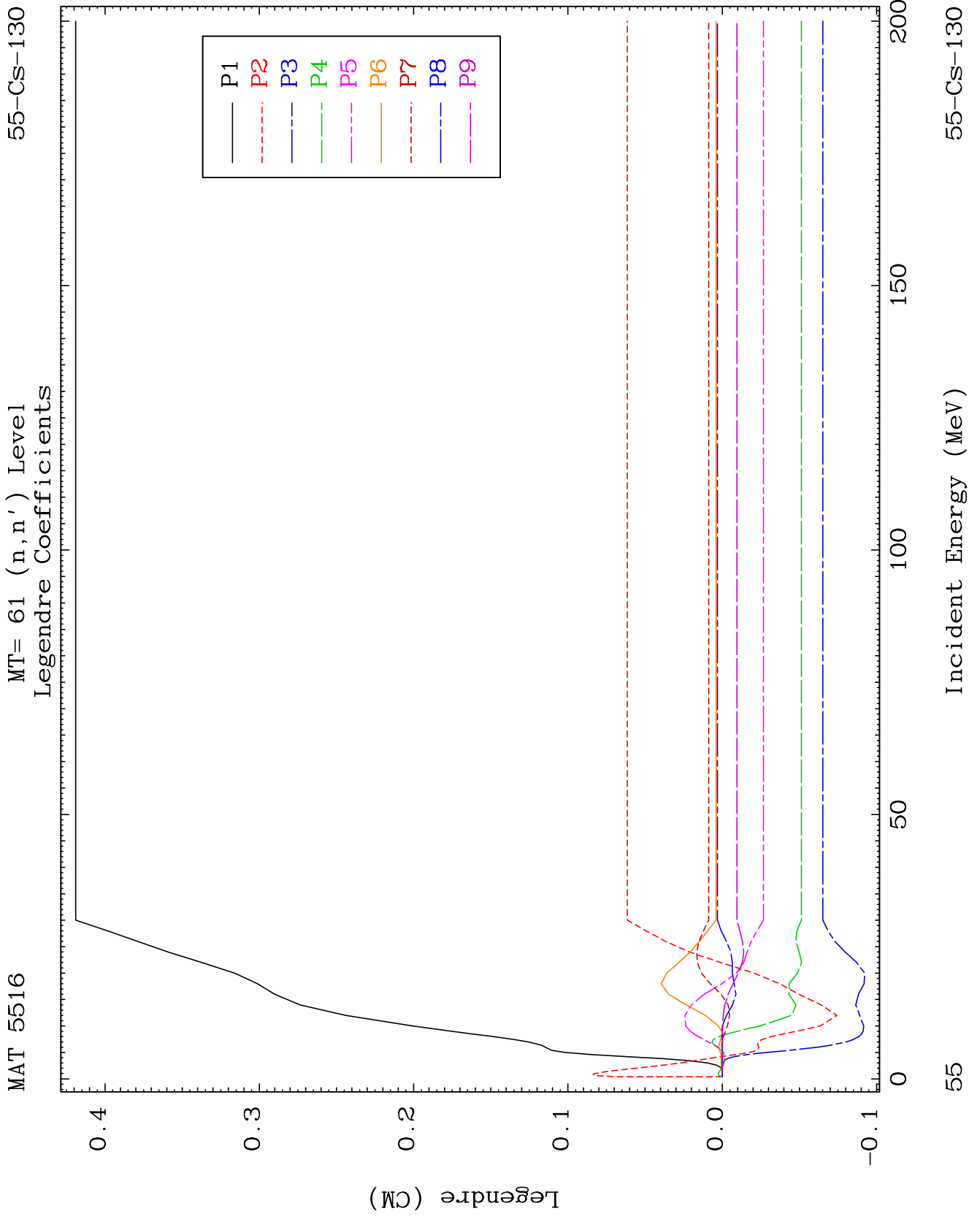




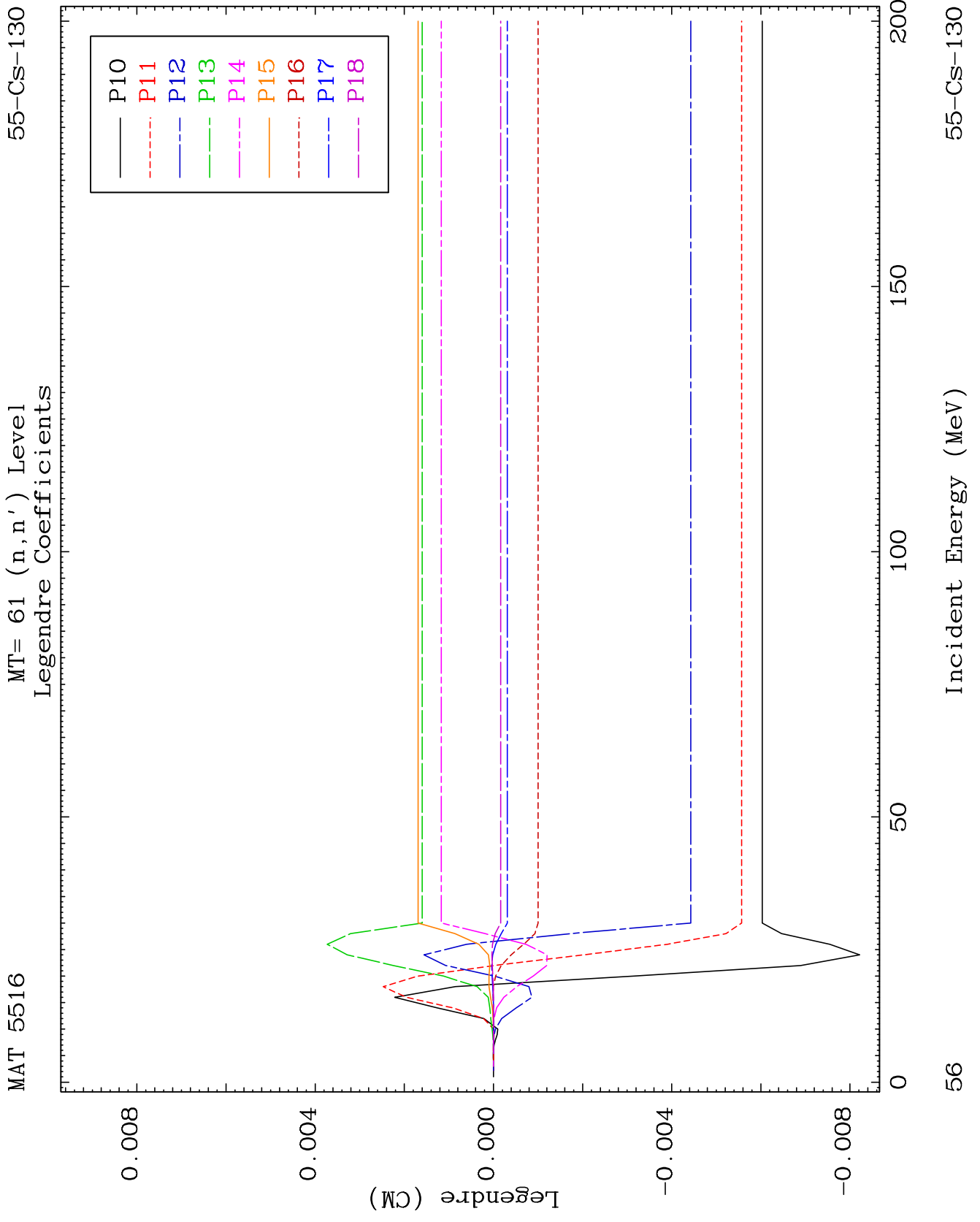


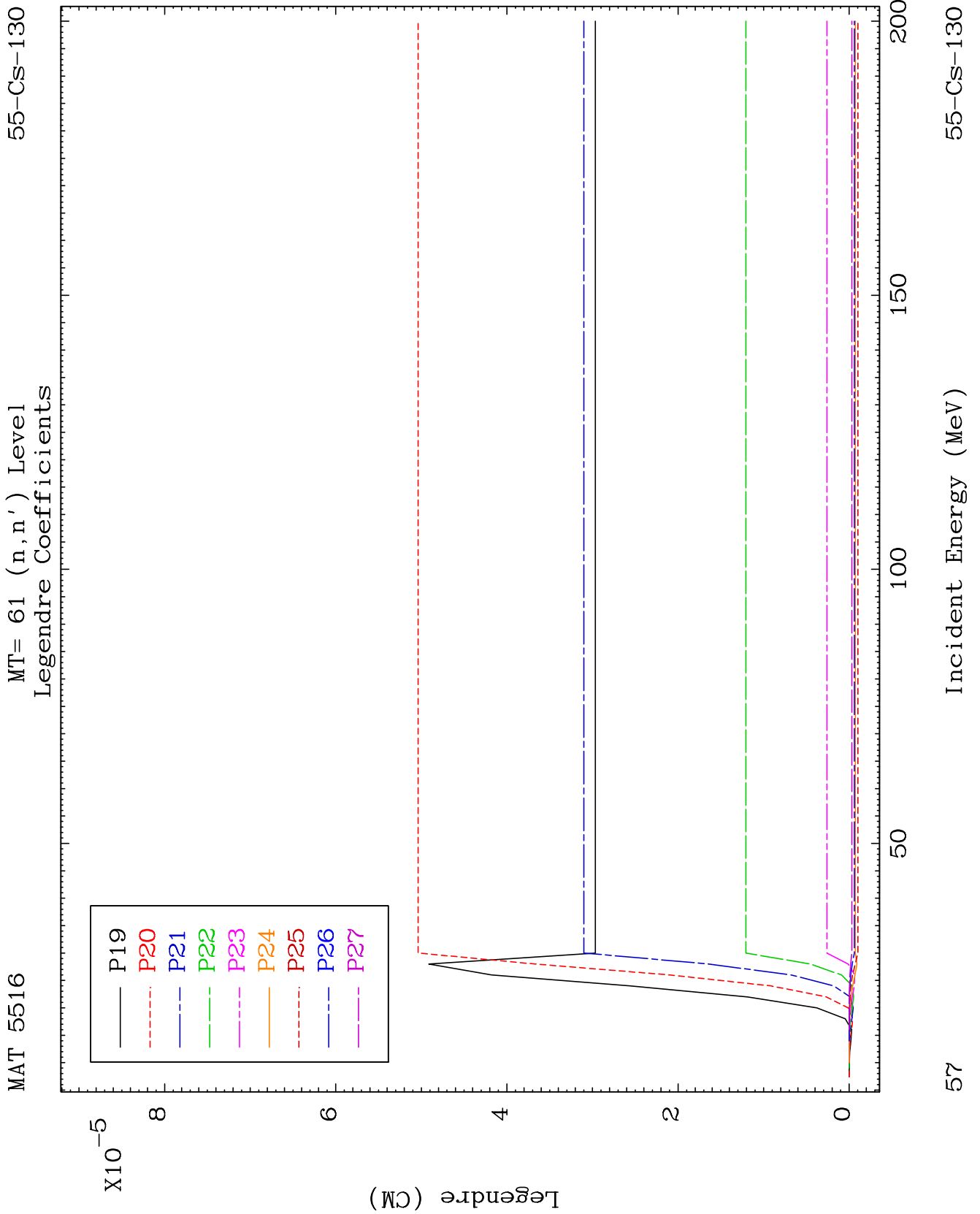


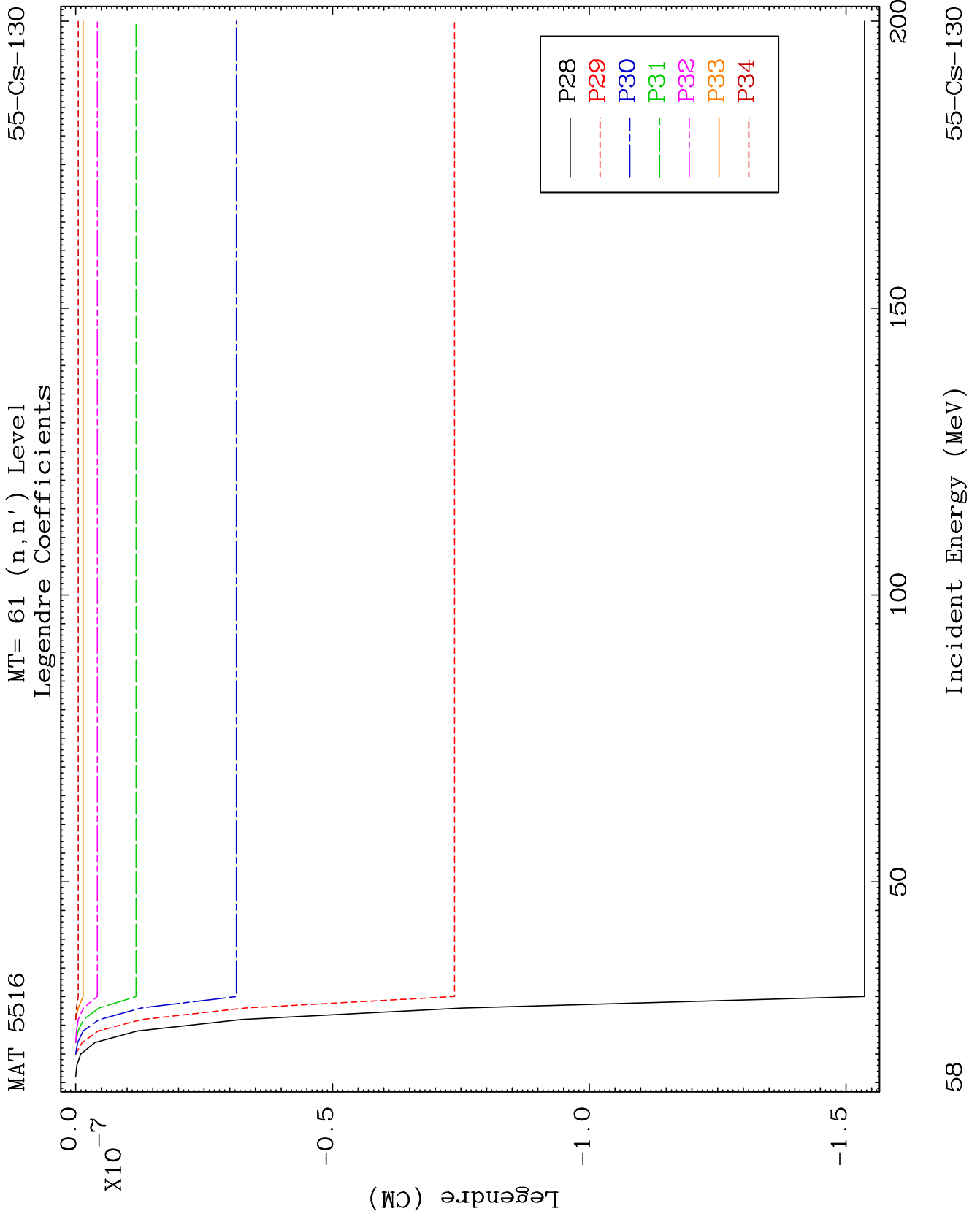




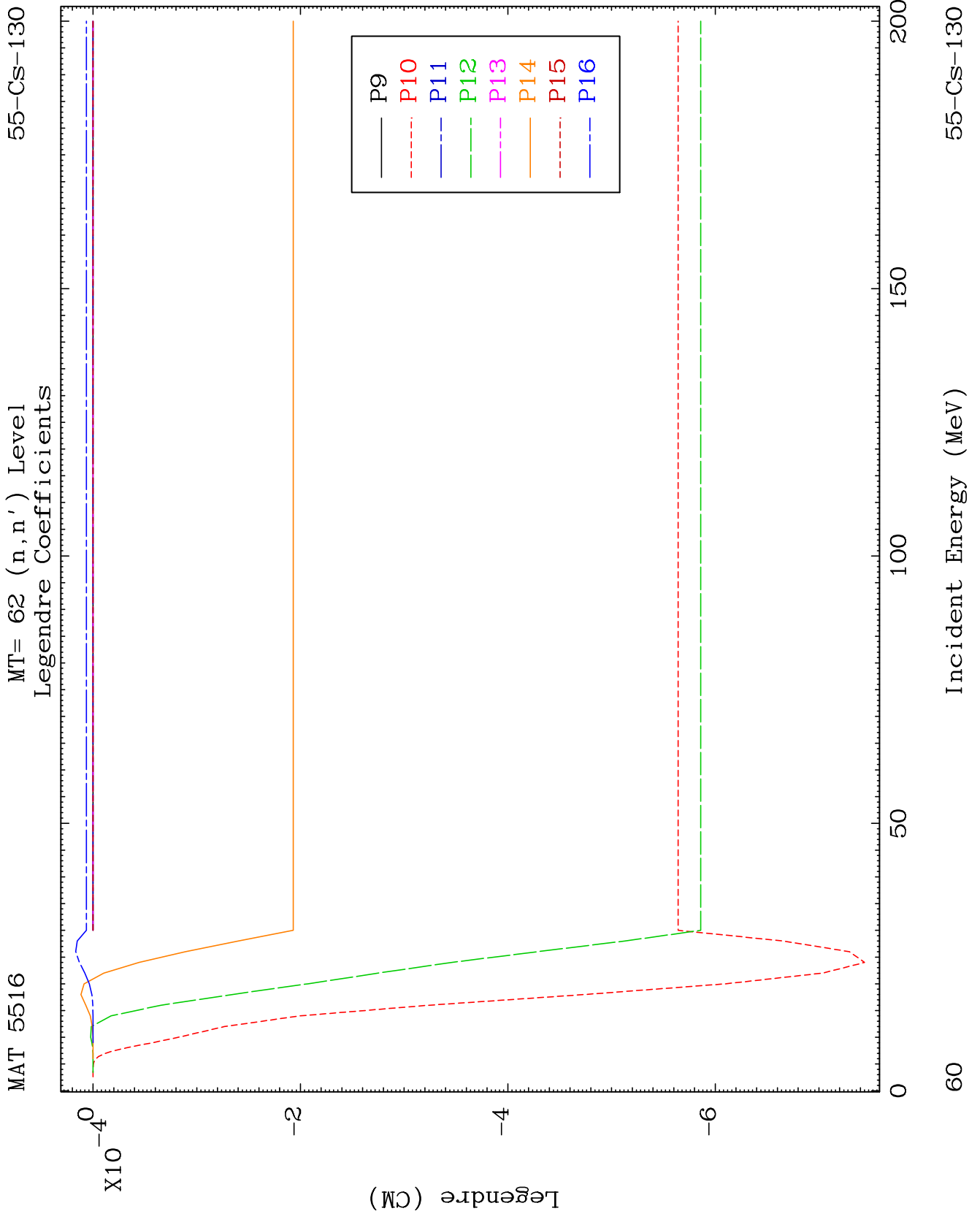


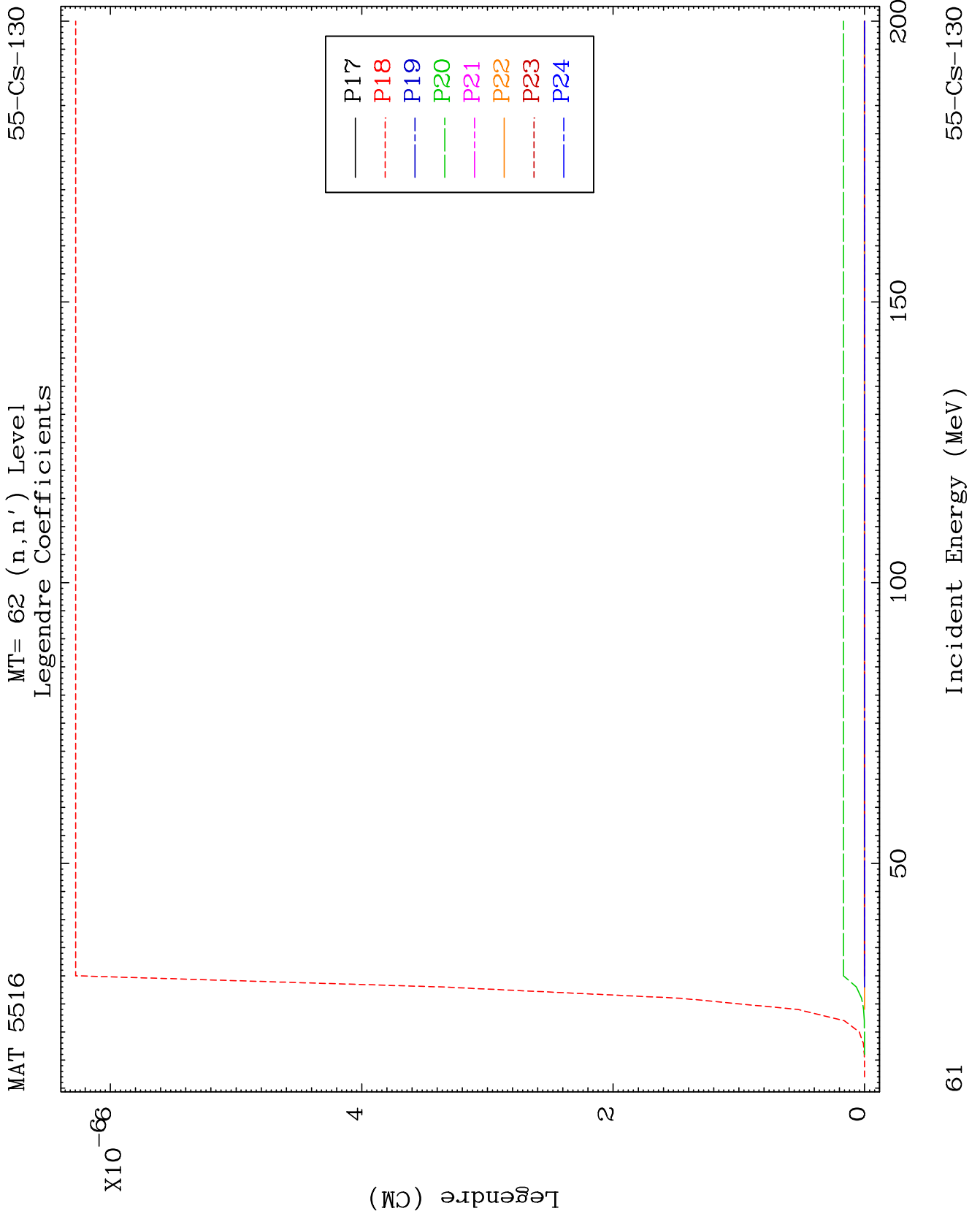








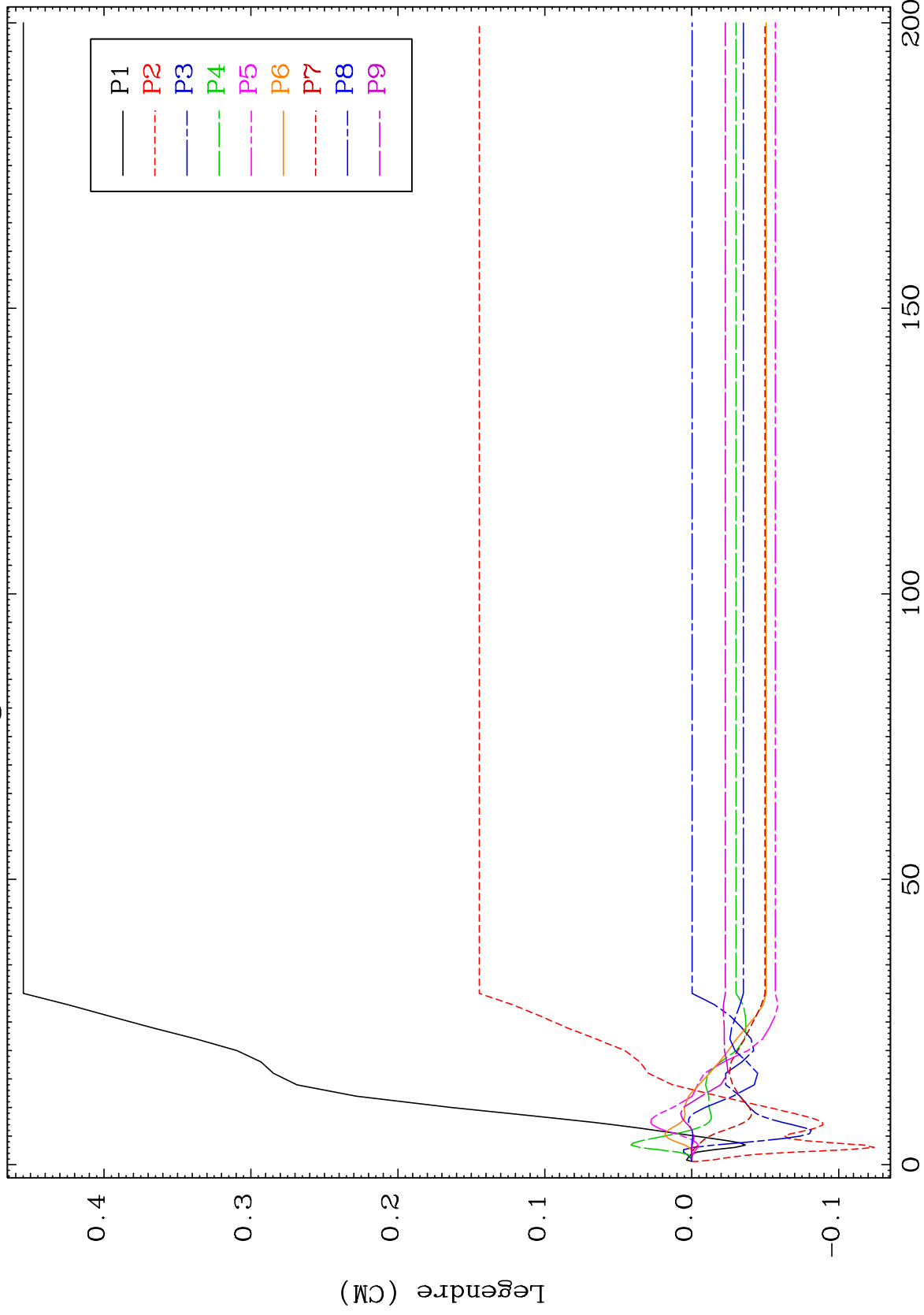




MAT 5516

MT= 63 (n,n') Level  
Legendre Coefficients

55-Cs-130



62

Incident Energy (MeV)

55-Cs-130

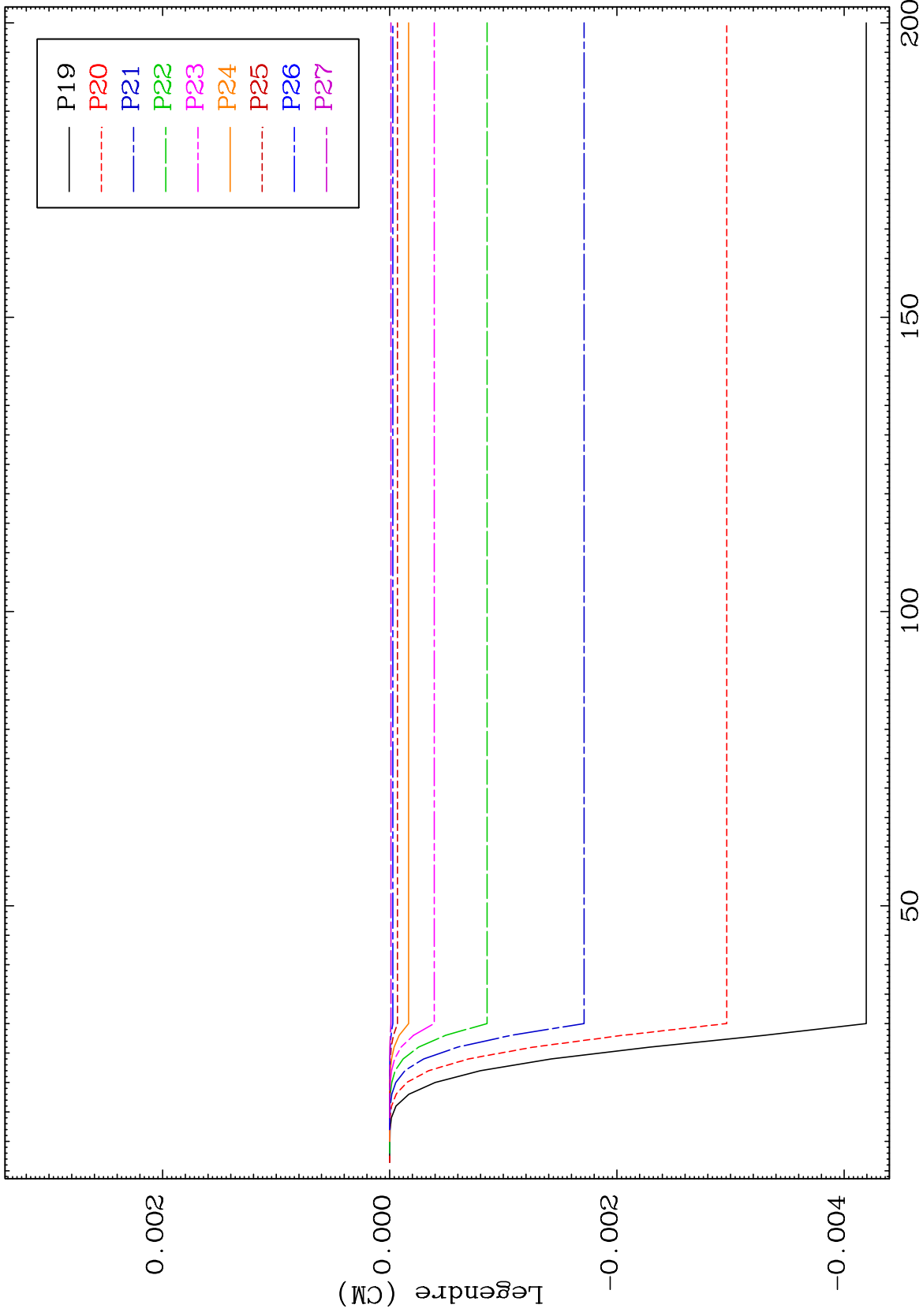




MAT 5516

MT= 63 (n,n') Level  
Legendre Coefficients

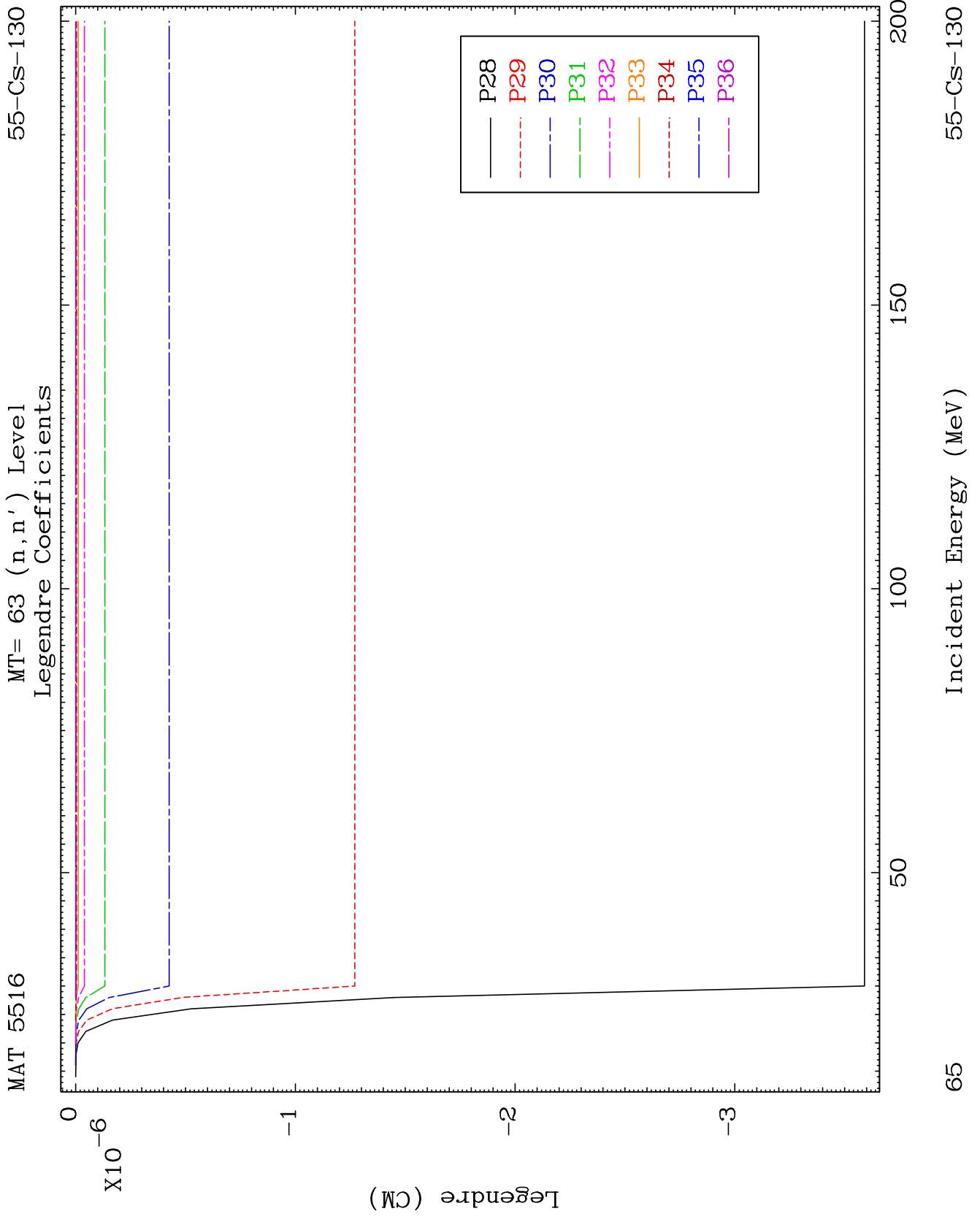
55-Cs-130



64

Incident Energy (MeV)

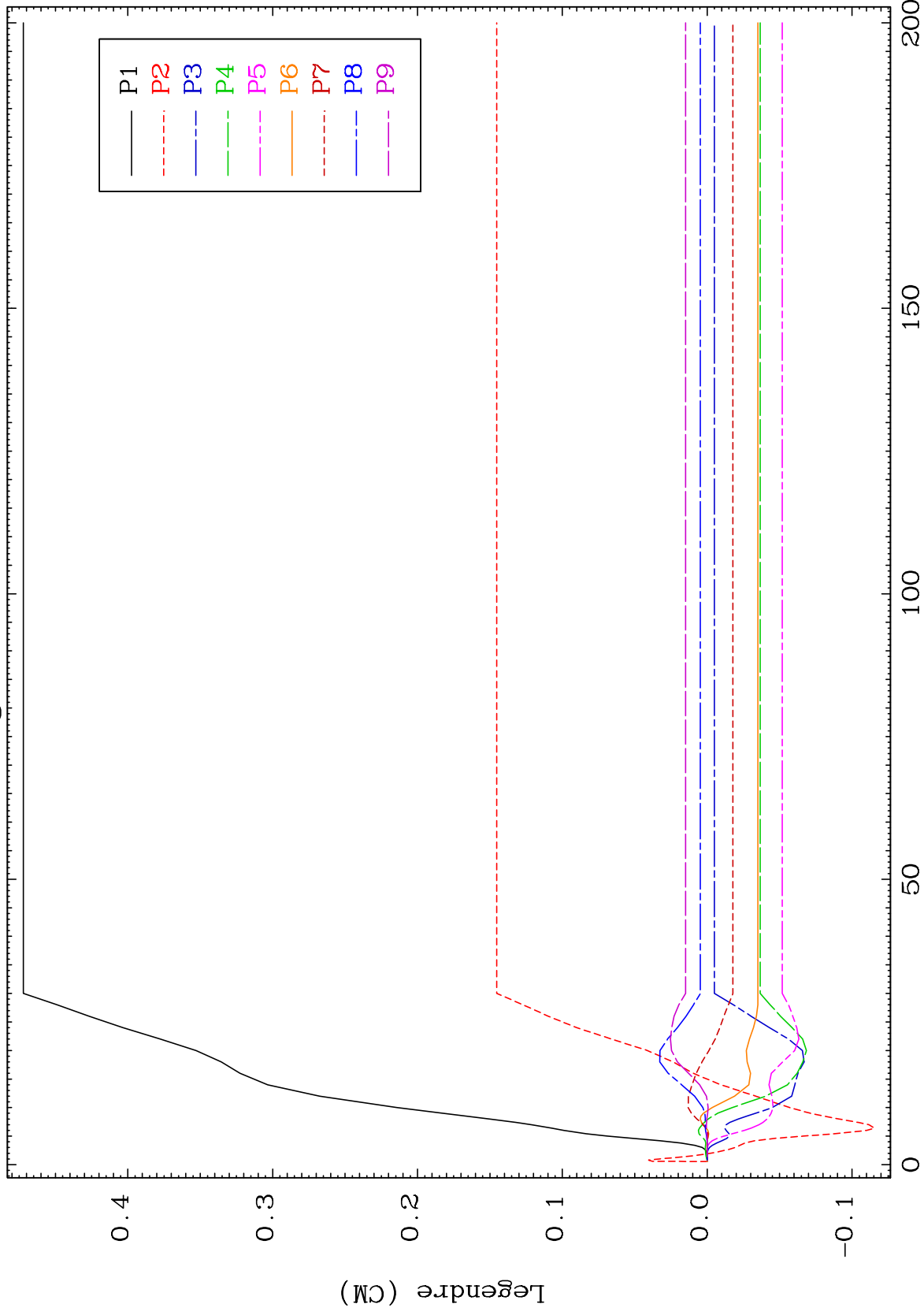
55-Cs-130



MAT 5516

MT= 64 (n,n') Level  
Legendre Coefficients

55-Cs-130



66

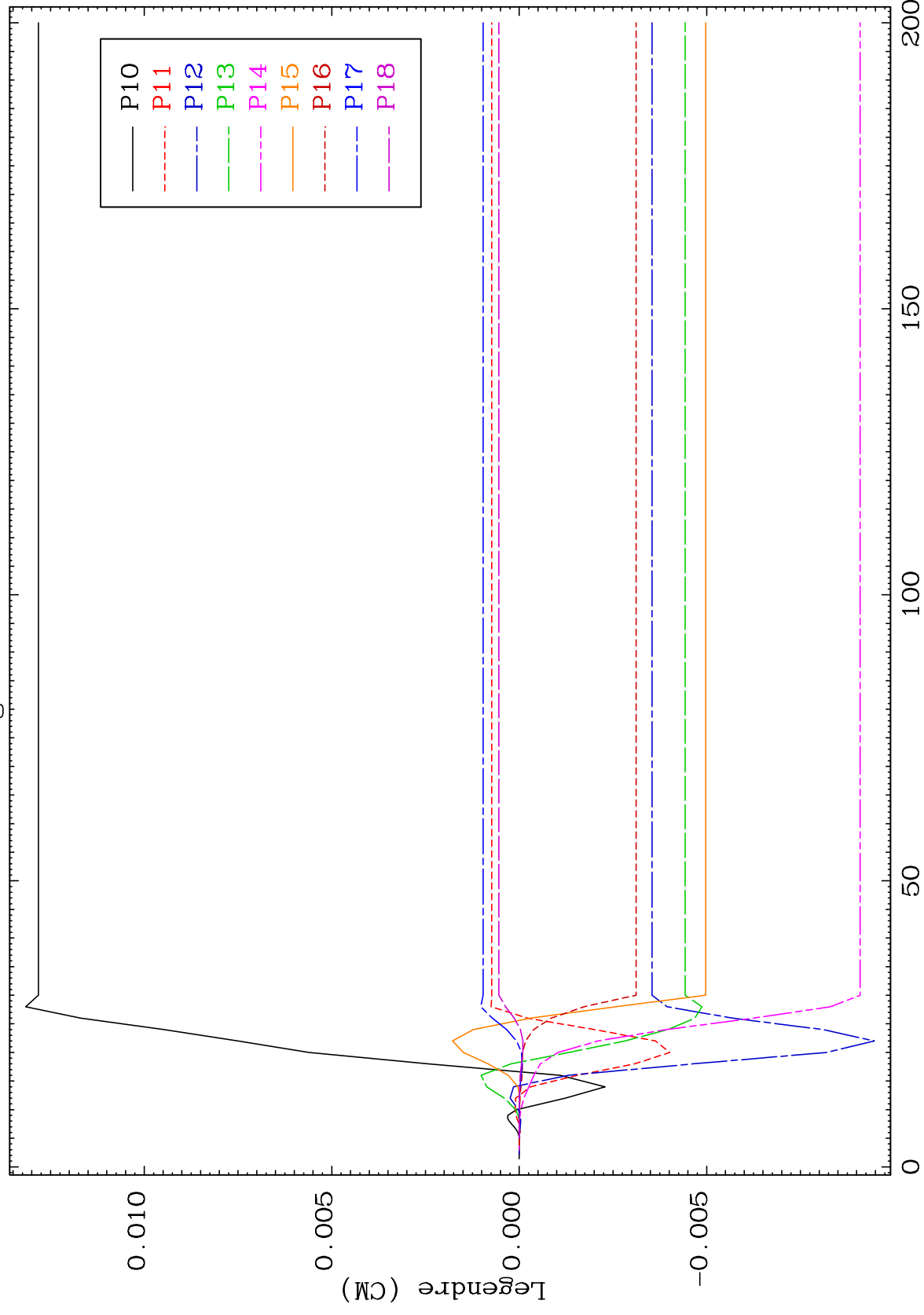
Incident Energy (MeV)

55-Cs-130

MAT 5516

MT= 64 (n,n') Level  
Legendre Coefficients

55-Cs-130



67

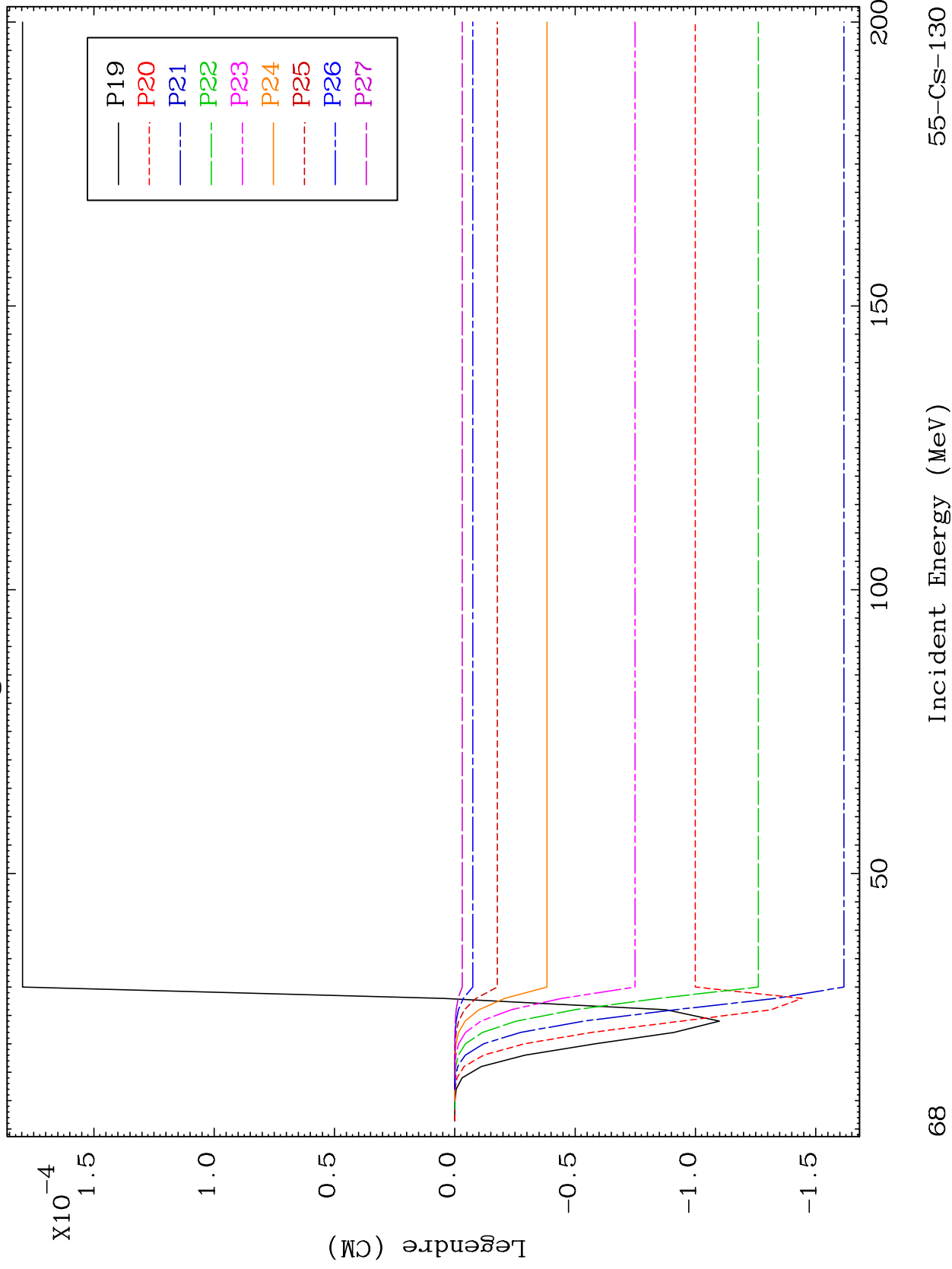
Incident Energy (MeV)

55-Cs-130

MAT 5516

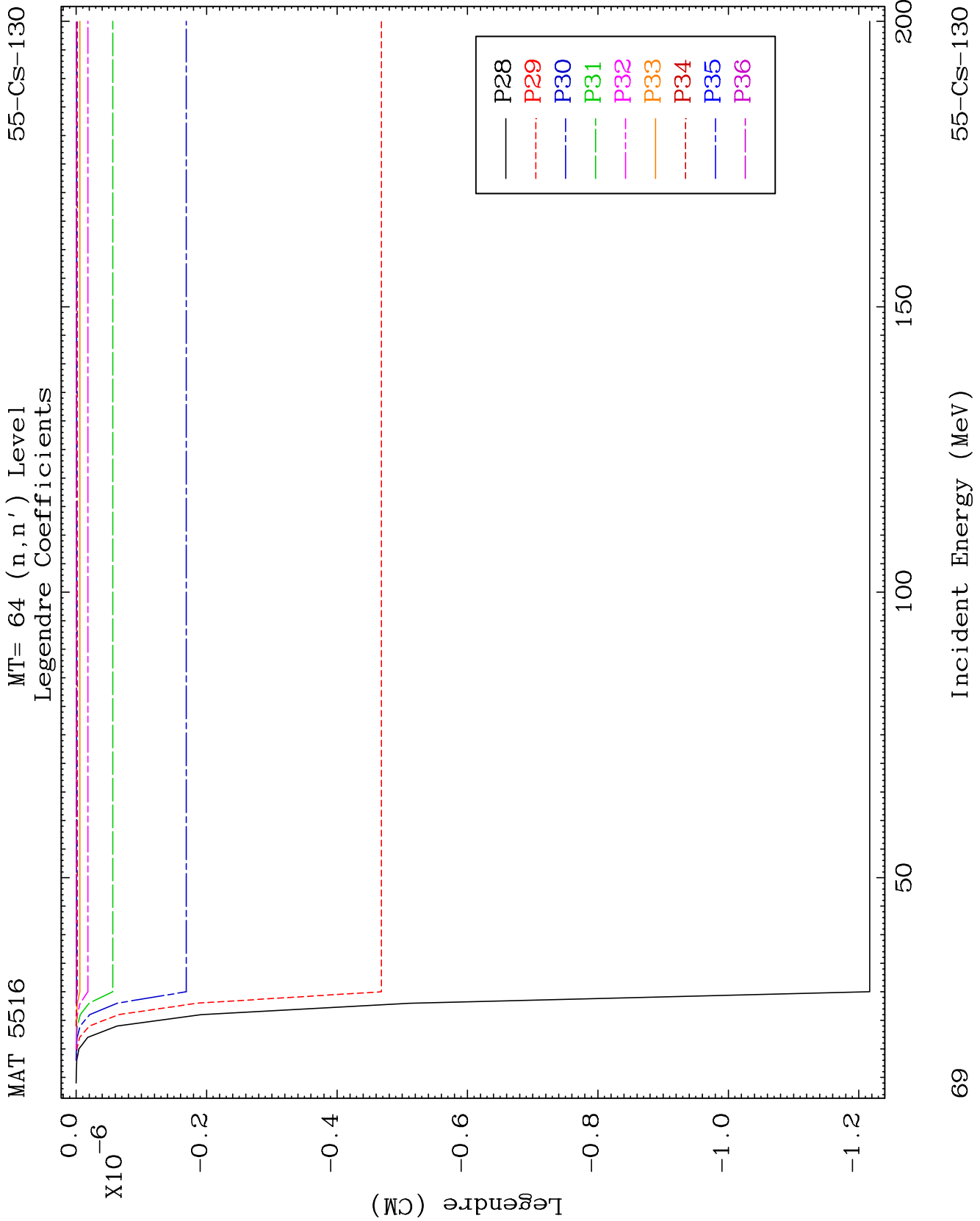
MT= 64 (n,n') Level  
Legendre Coefficients

55-Cs-130

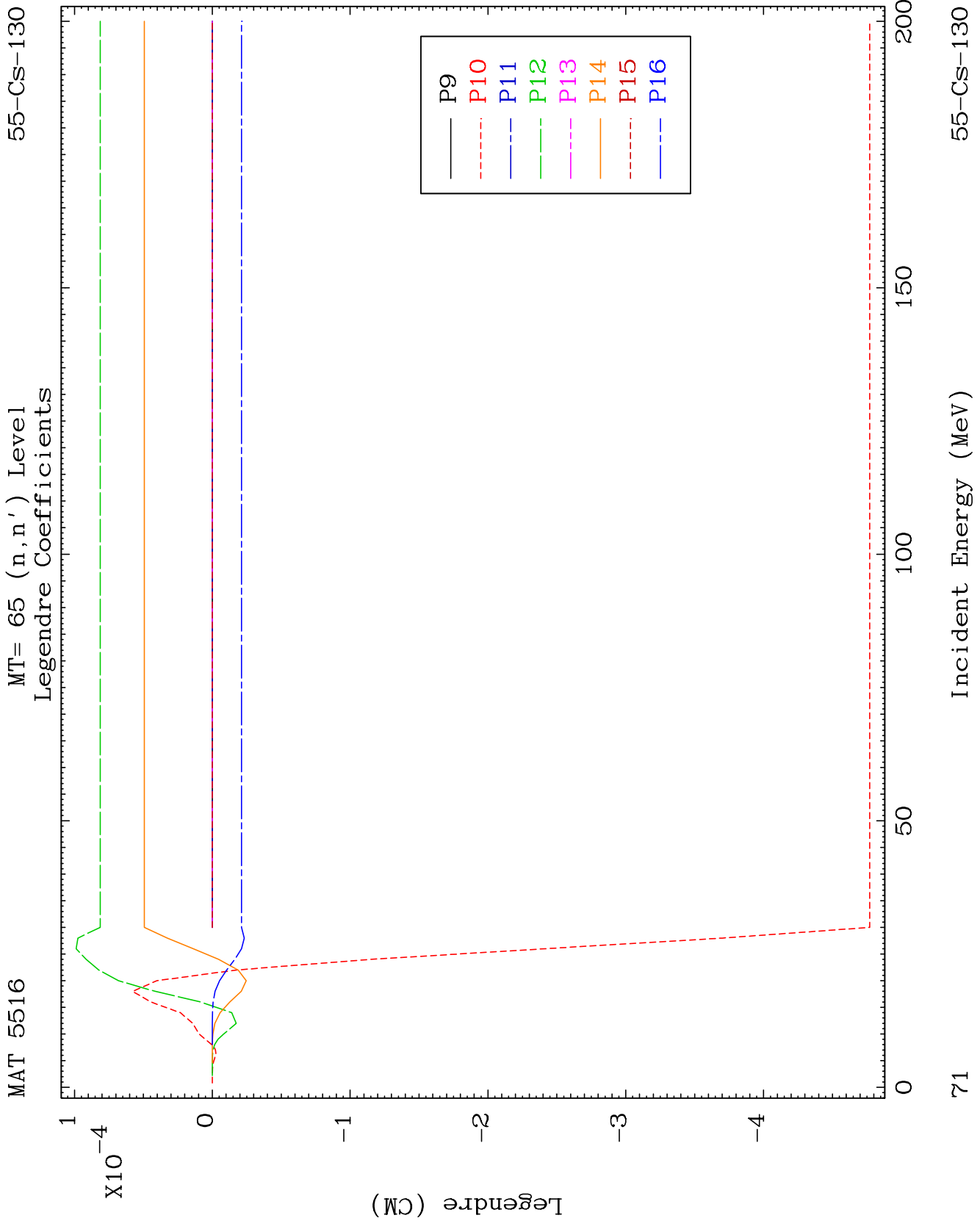


68

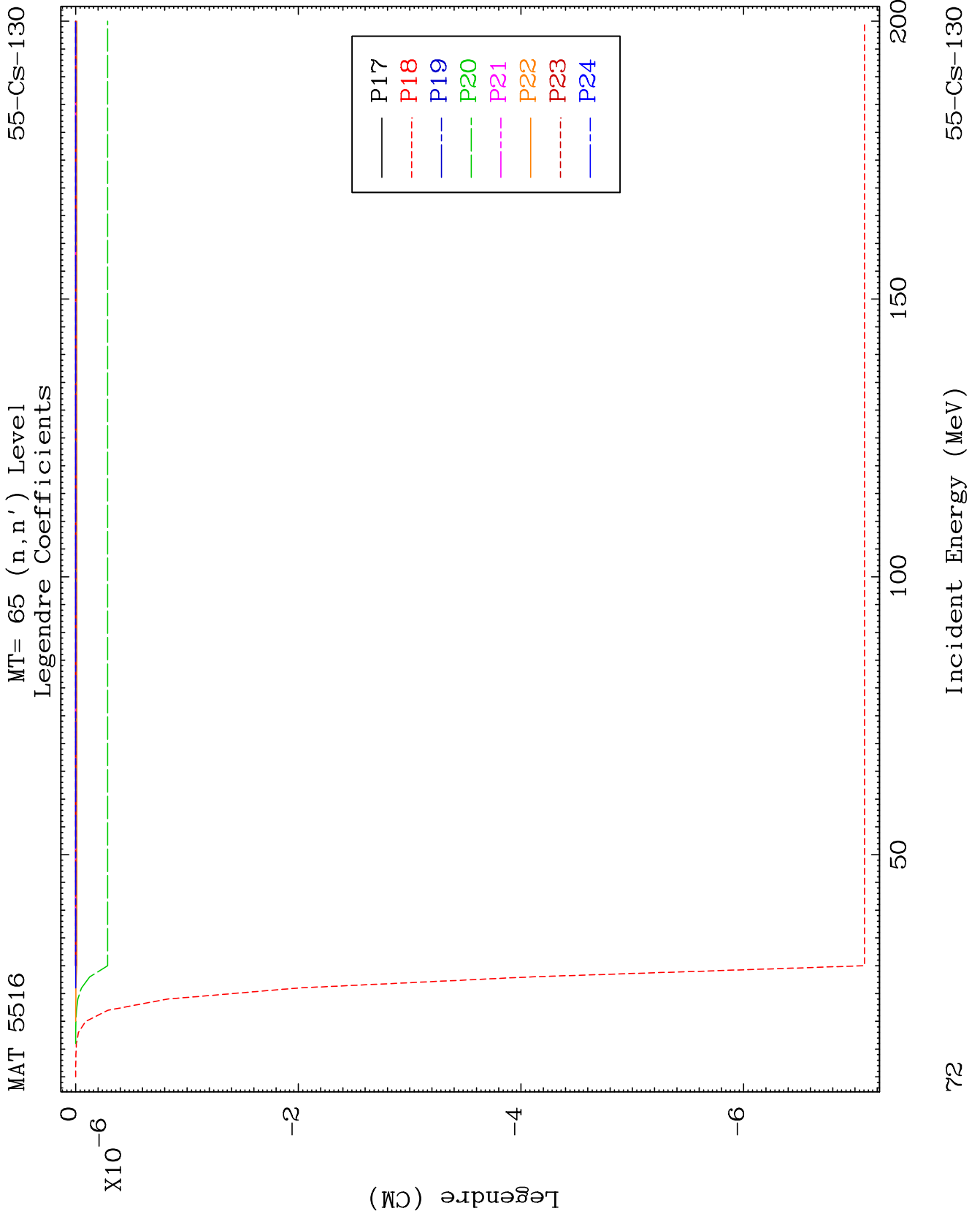
55-Cs-130



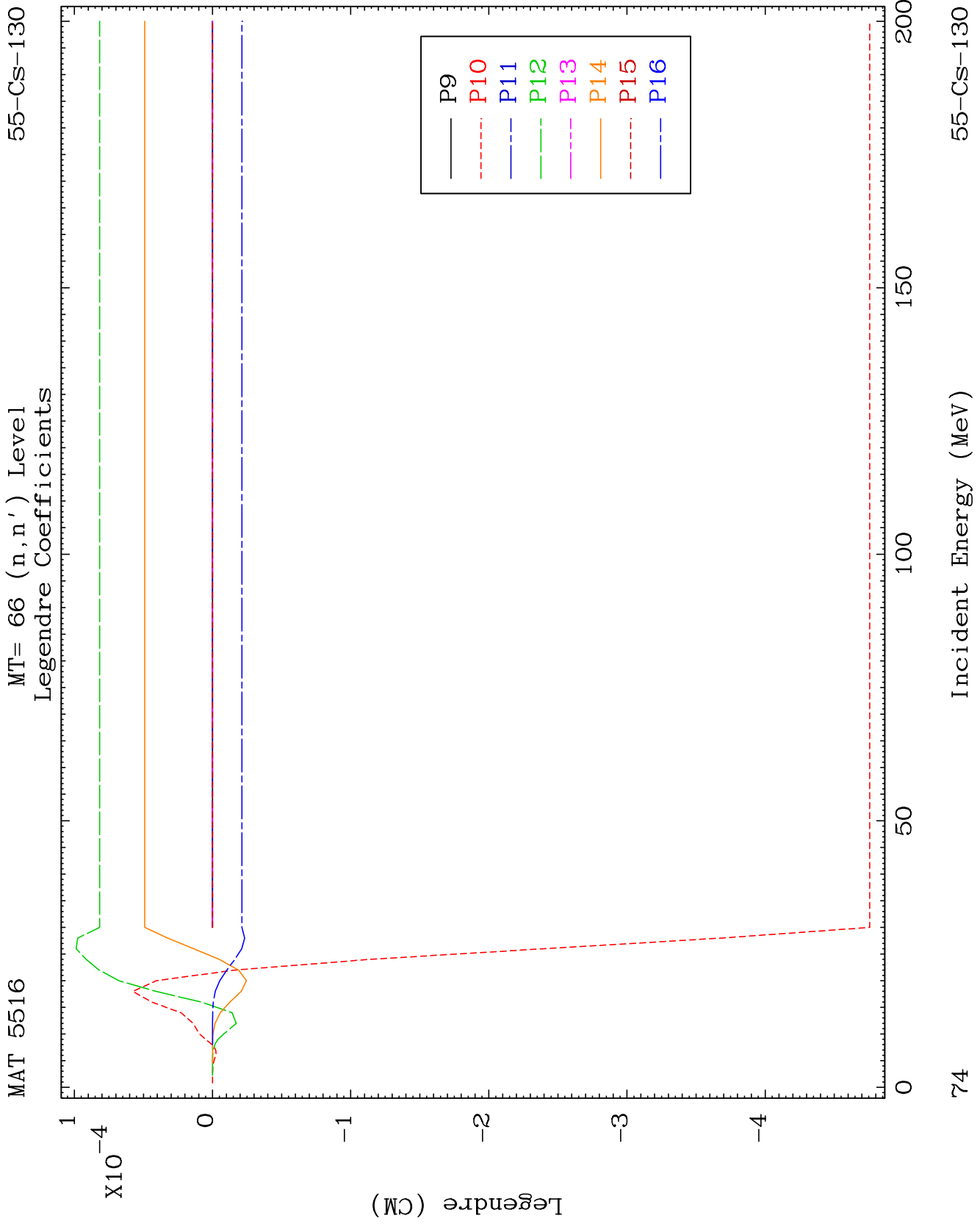


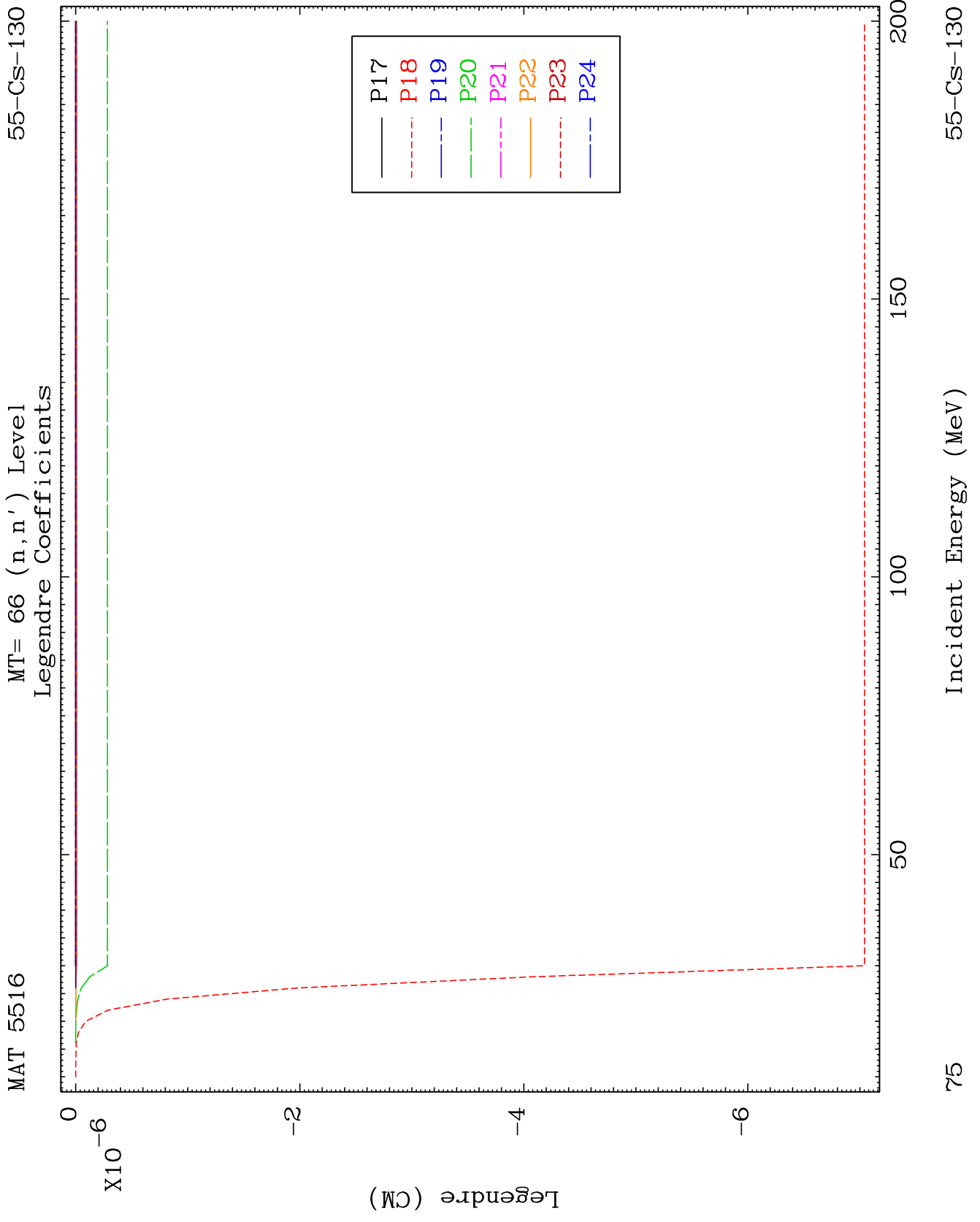




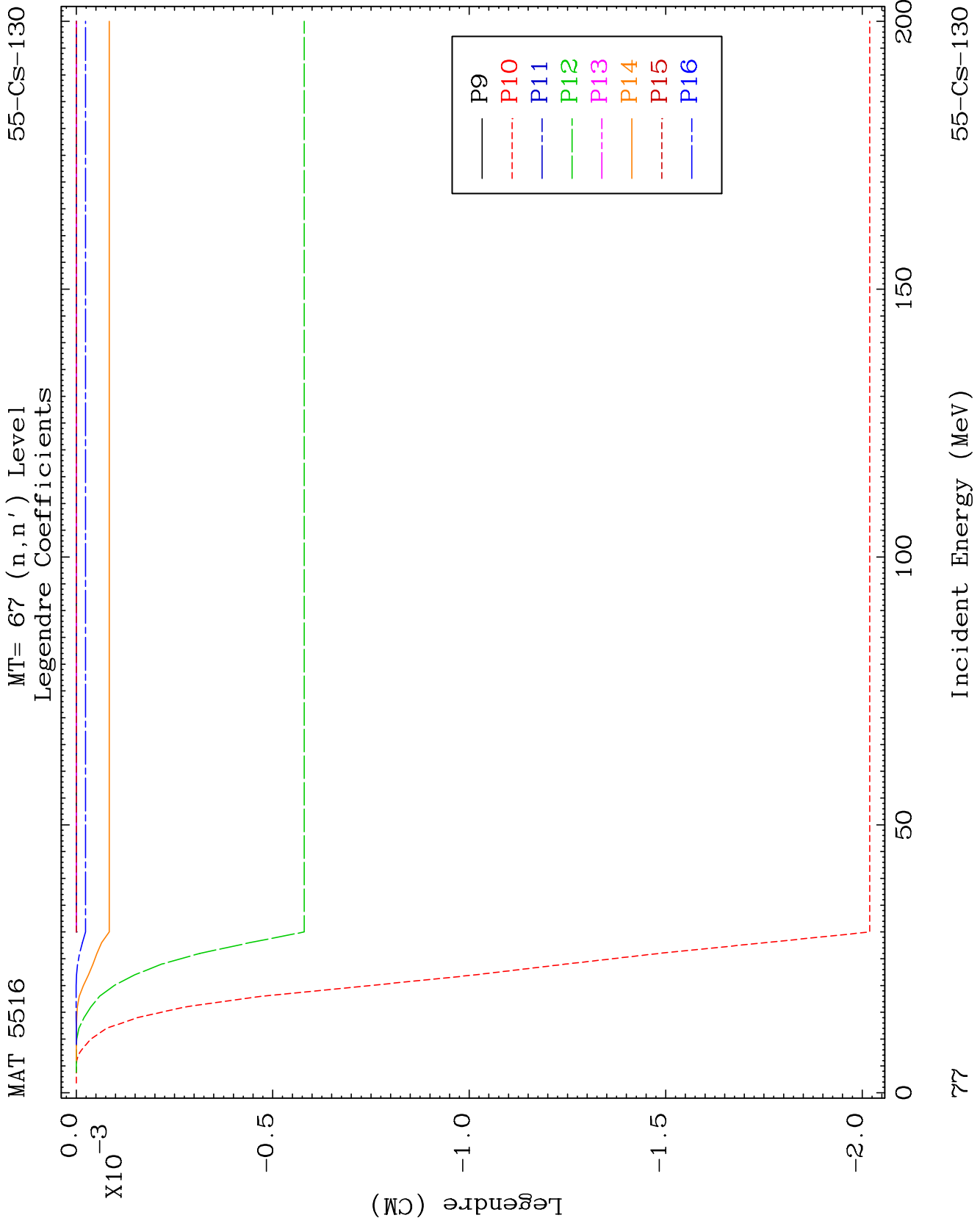








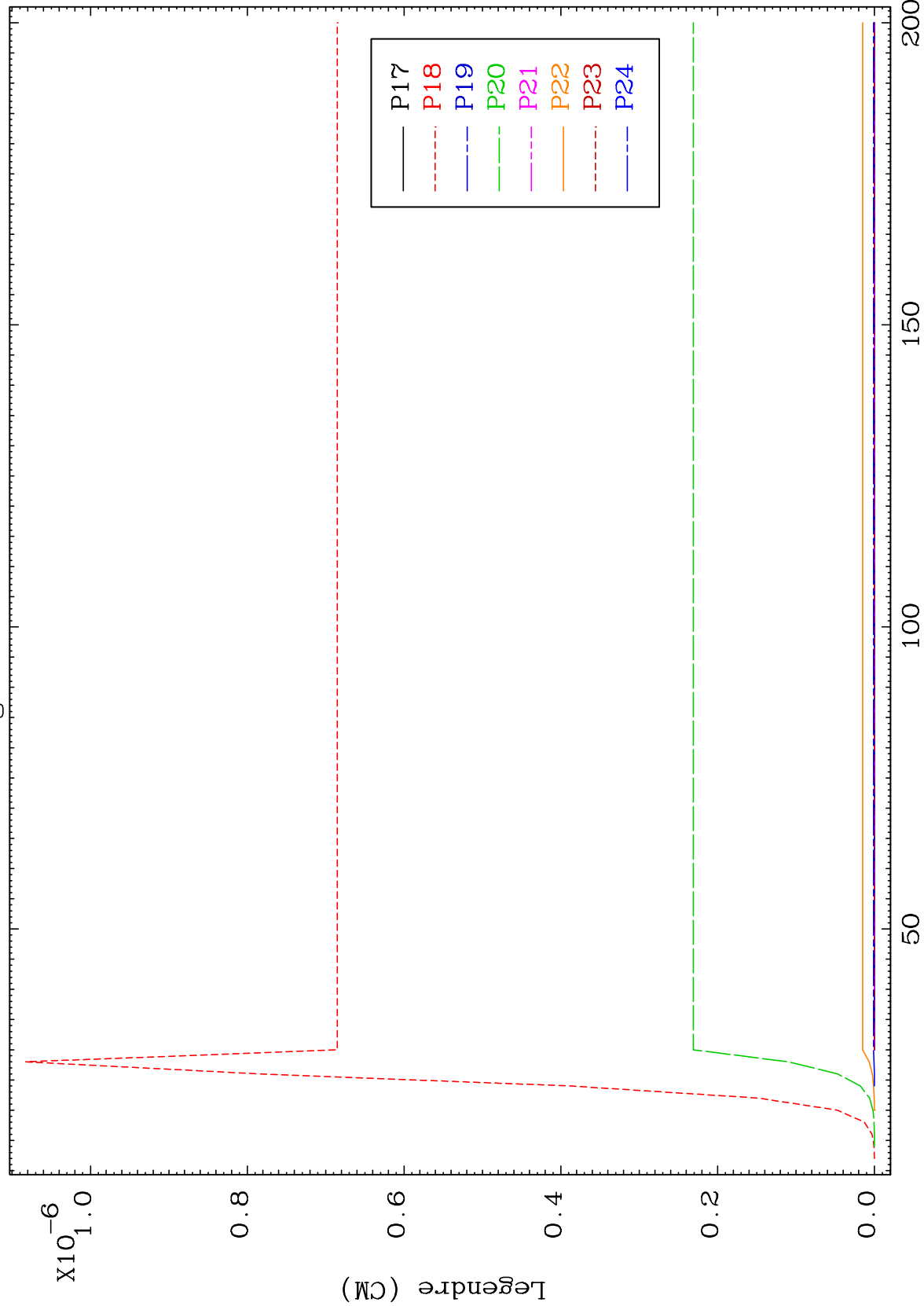




MAT 5516

MT= 67 (n,n') Level  
Legendre Coefficients

55-Cs-130



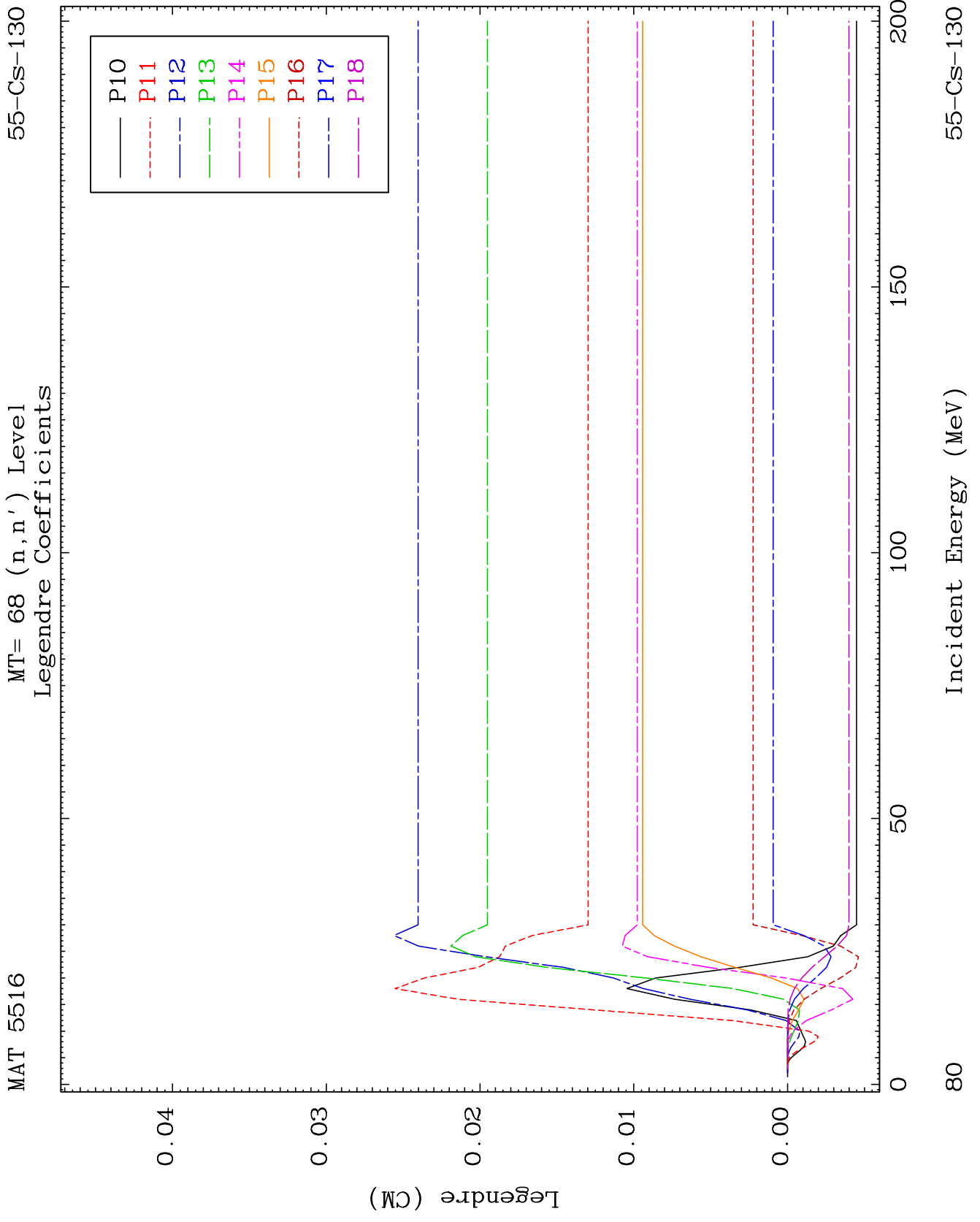
55-Cs-130

Incident Energy (MeV)

78



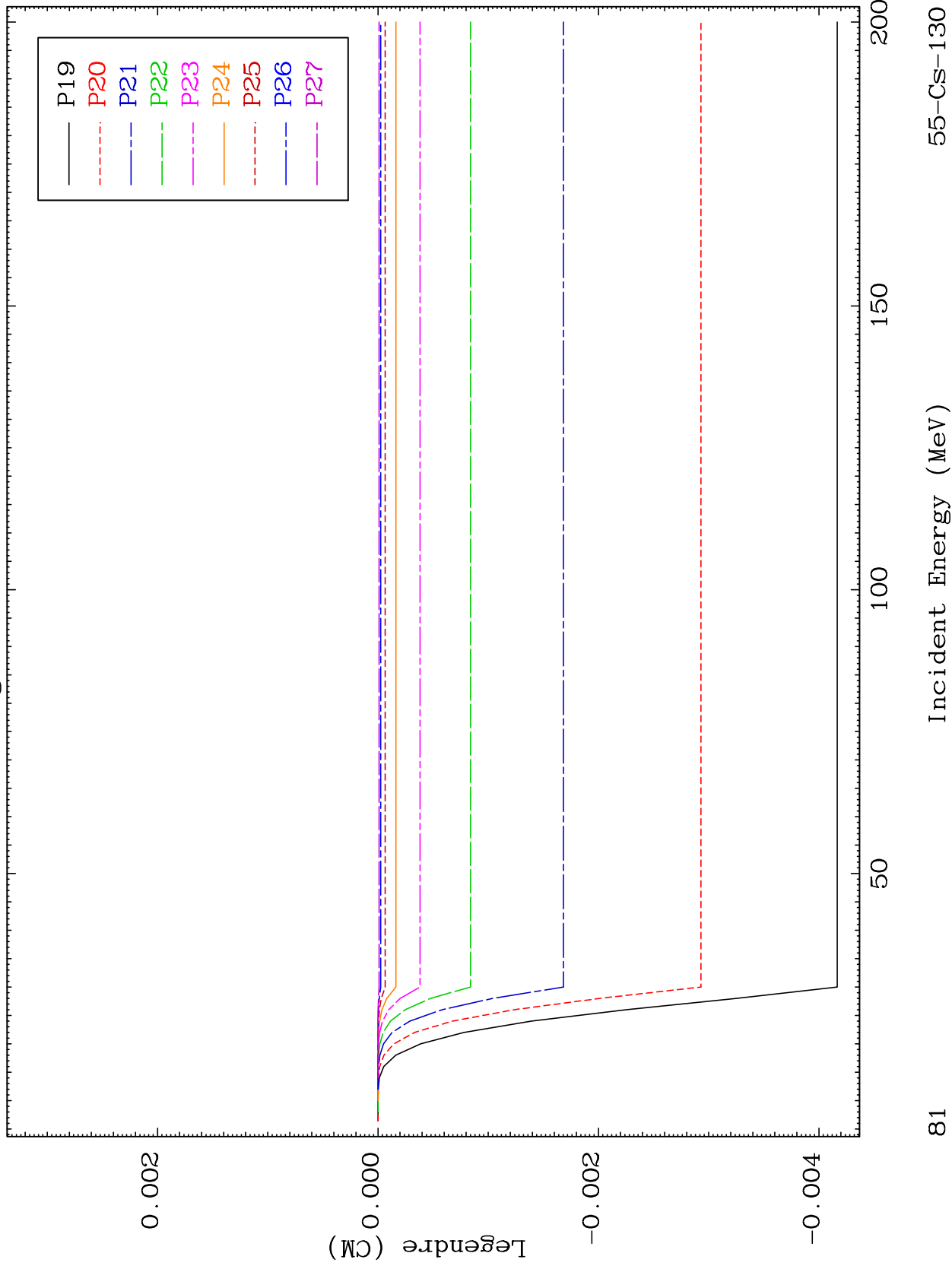




MAT 5516

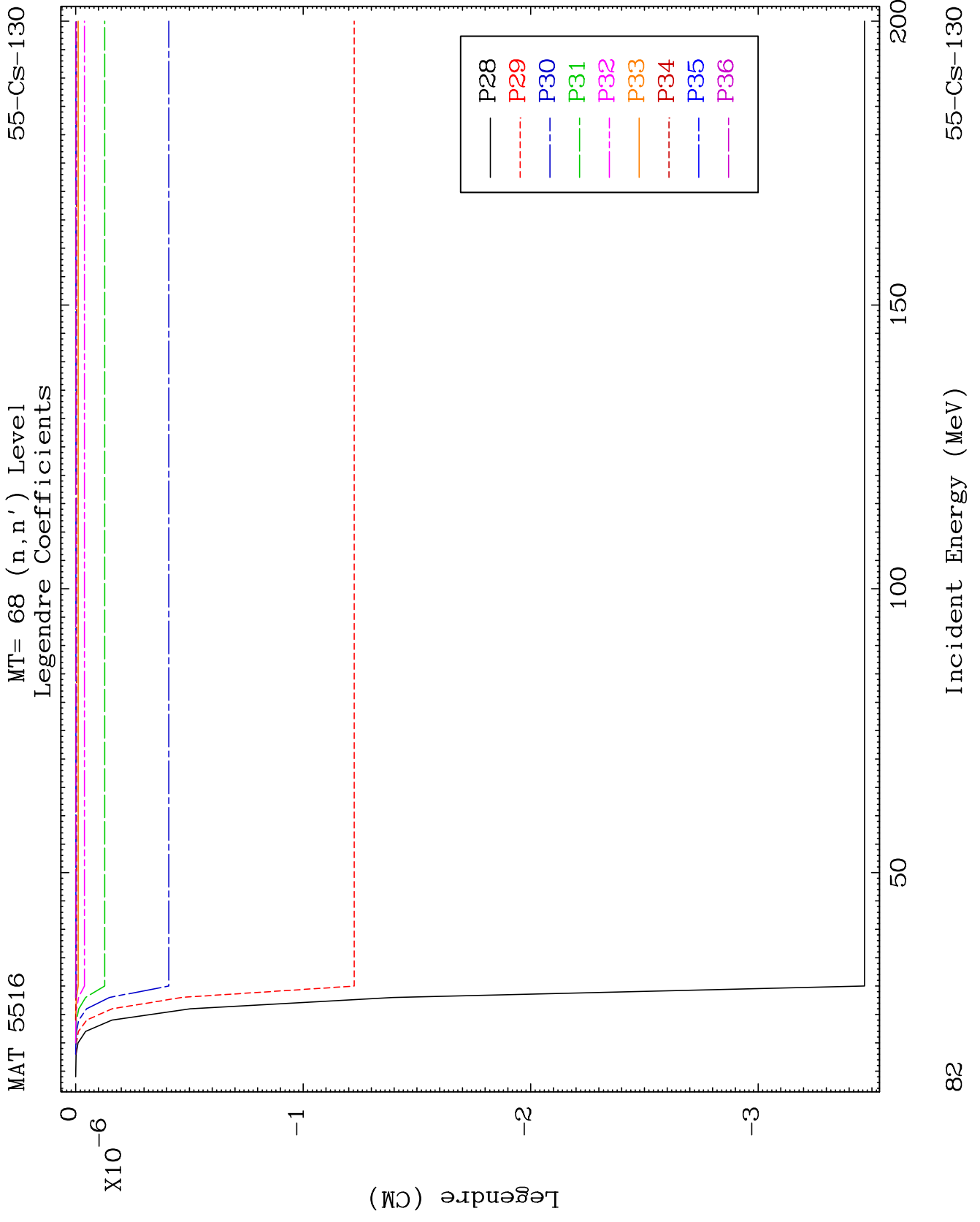
MT= 68 (n,n') Level  
Legendre Coefficients

55-Cs-130



81

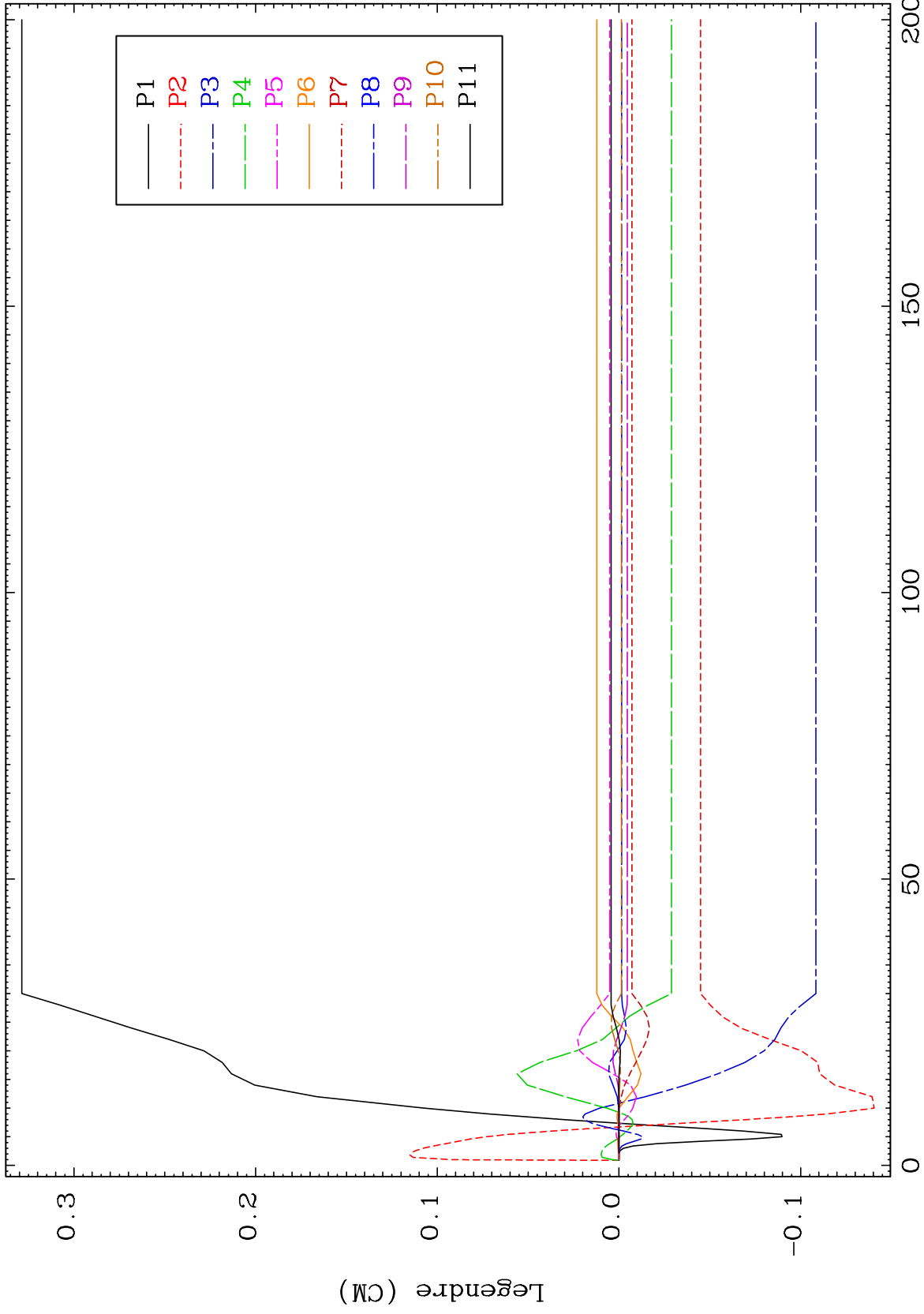
55-Cs-130



MAT 5516

MT= 69 (n,n') Level  
Legendre Coefficients

55-Cs-130



83

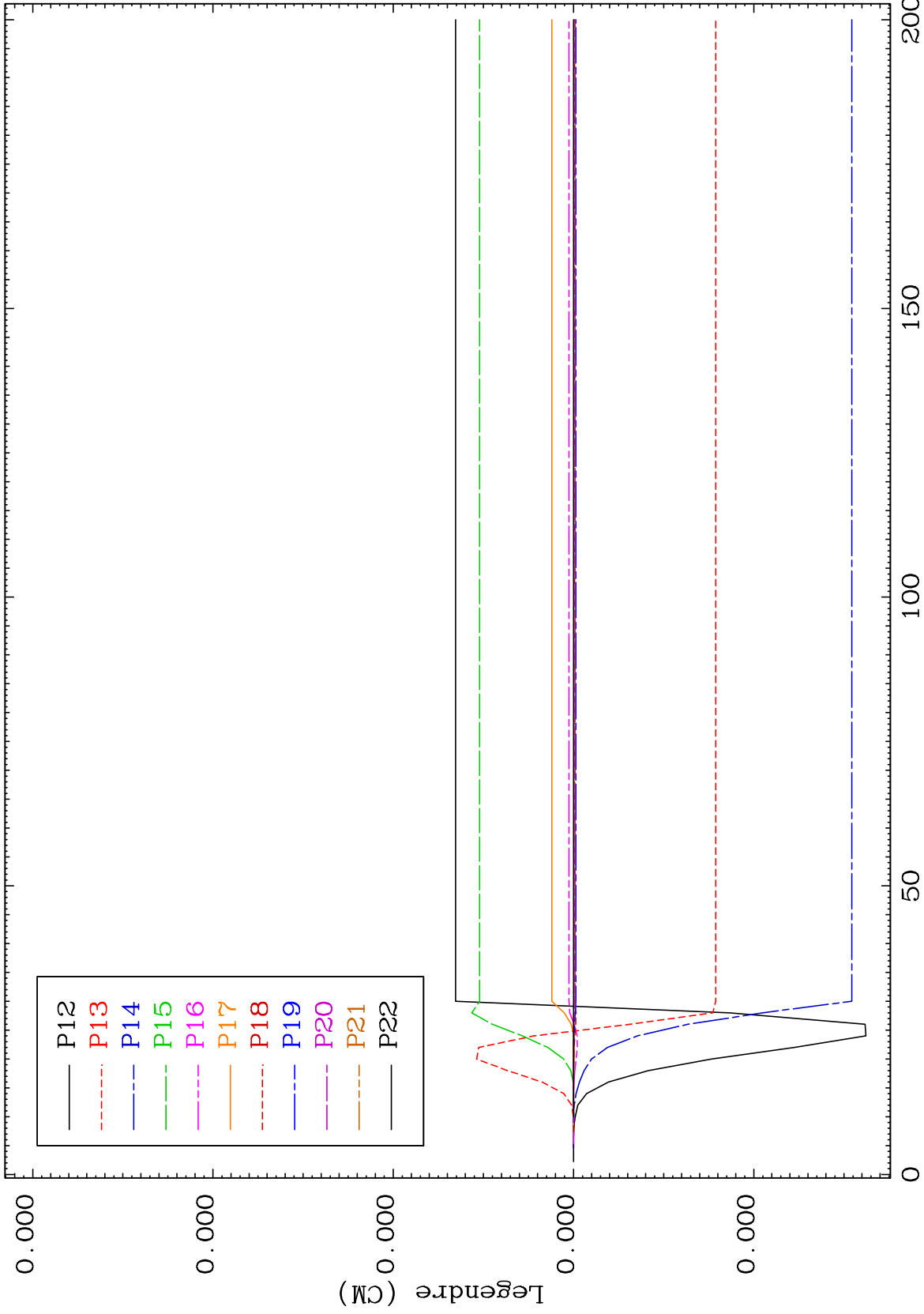
Incident Energy (MeV)

55-Cs-130

MAT 5516

MT= 69 (n,n') Level  
Legendre Coefficients

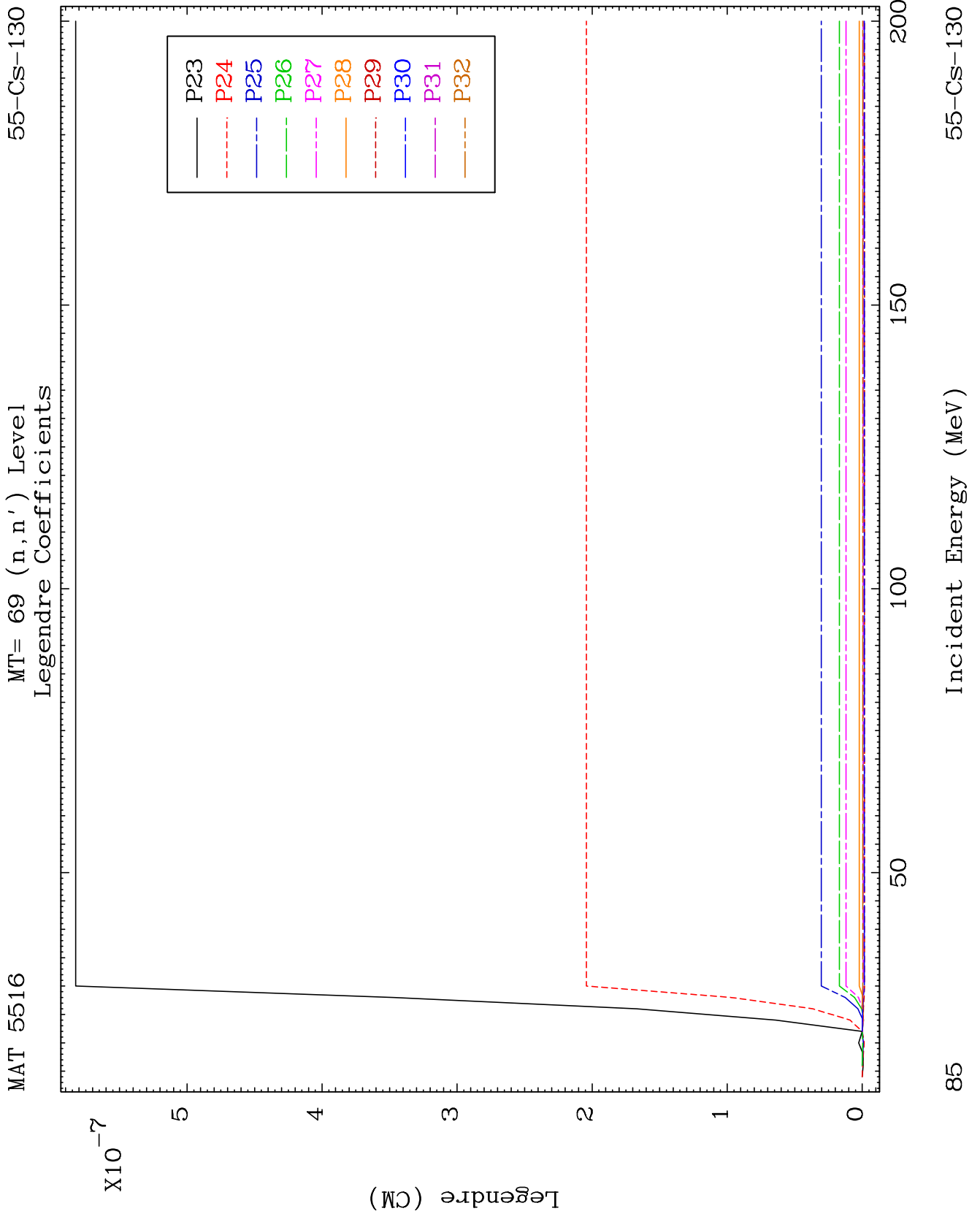
55-Cs-130



84

Incident Energy (MeV)

55-Cs-130





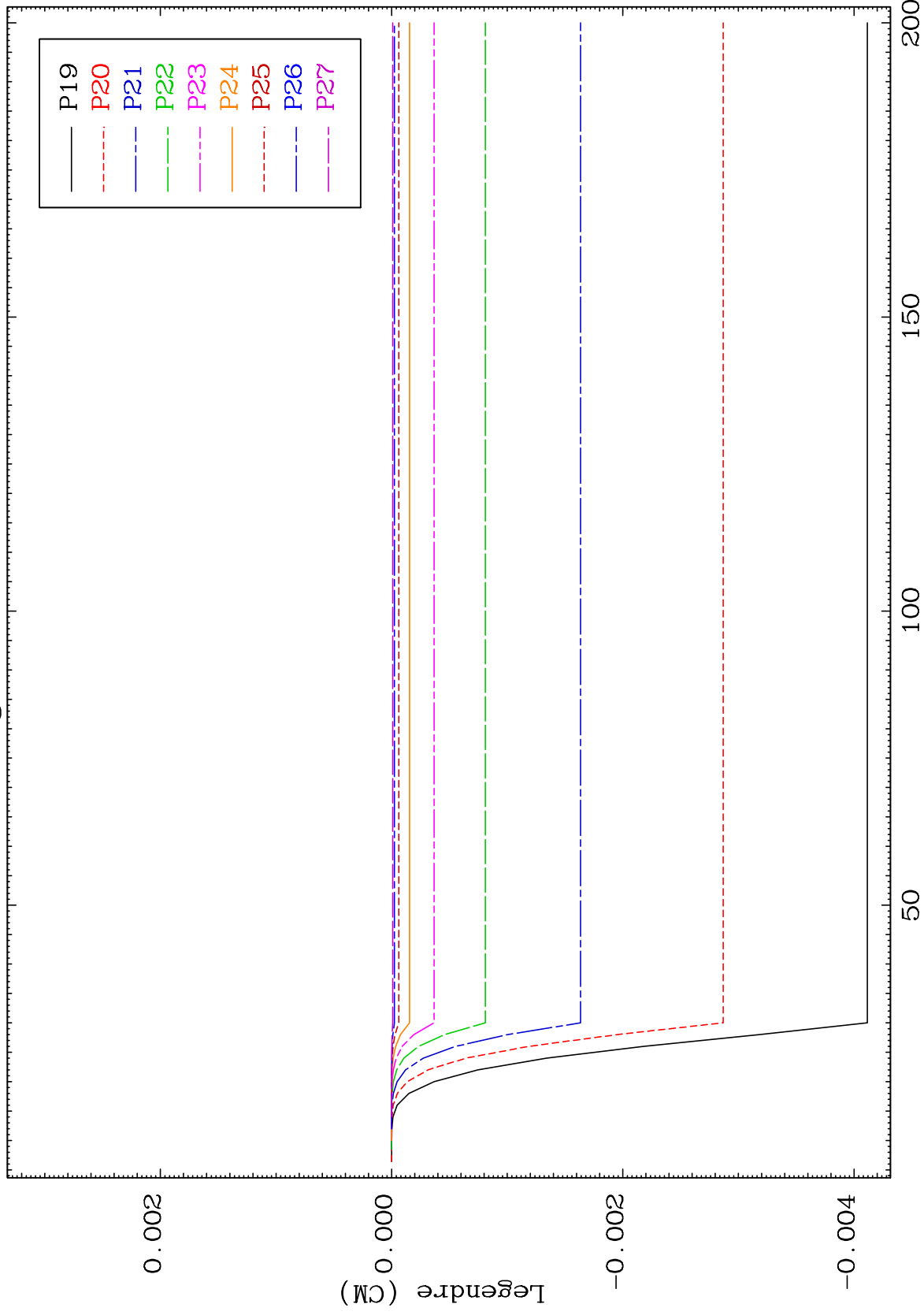




MAT 5516

MT= 70 (n,n') Level  
Legendre Coefficients

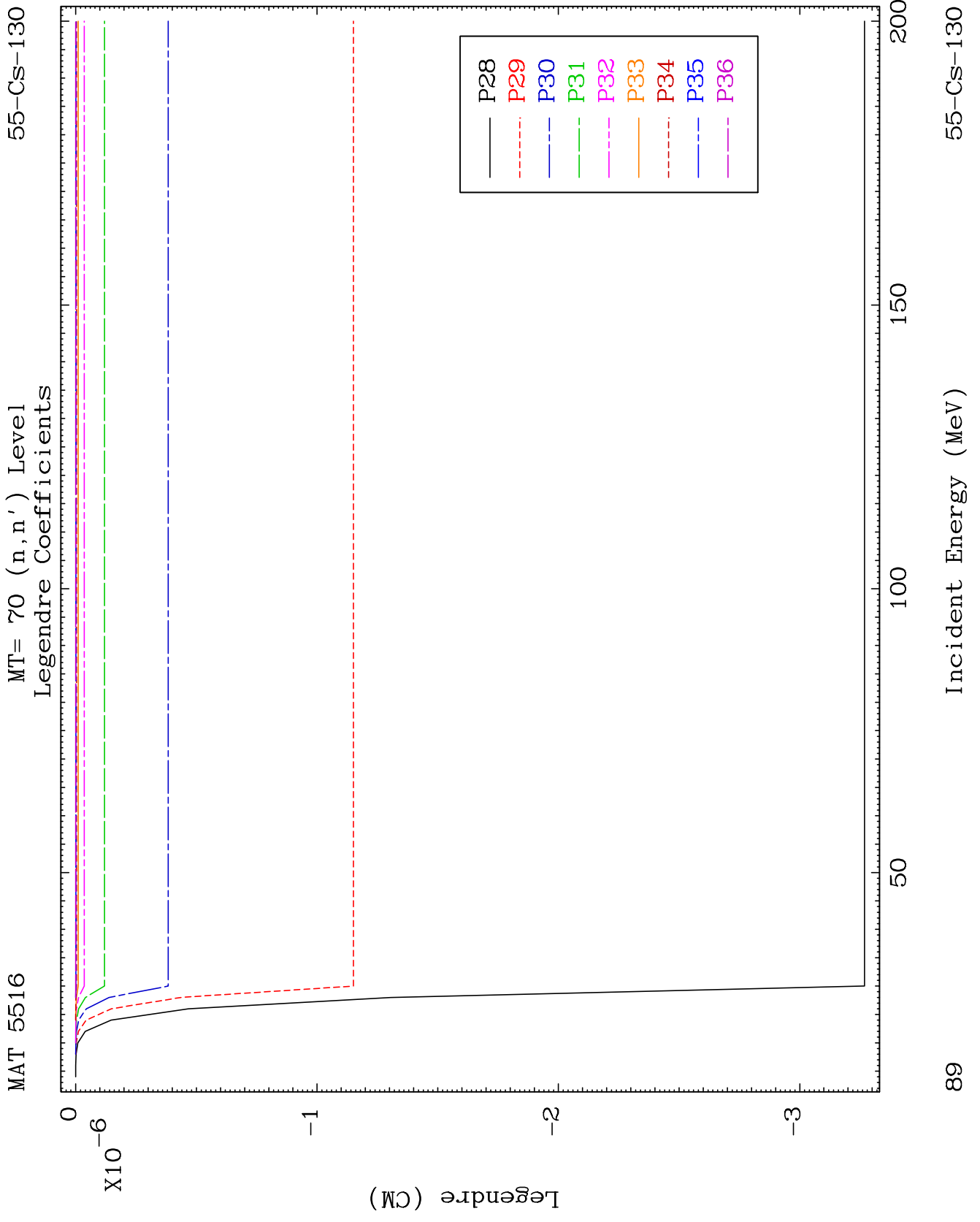
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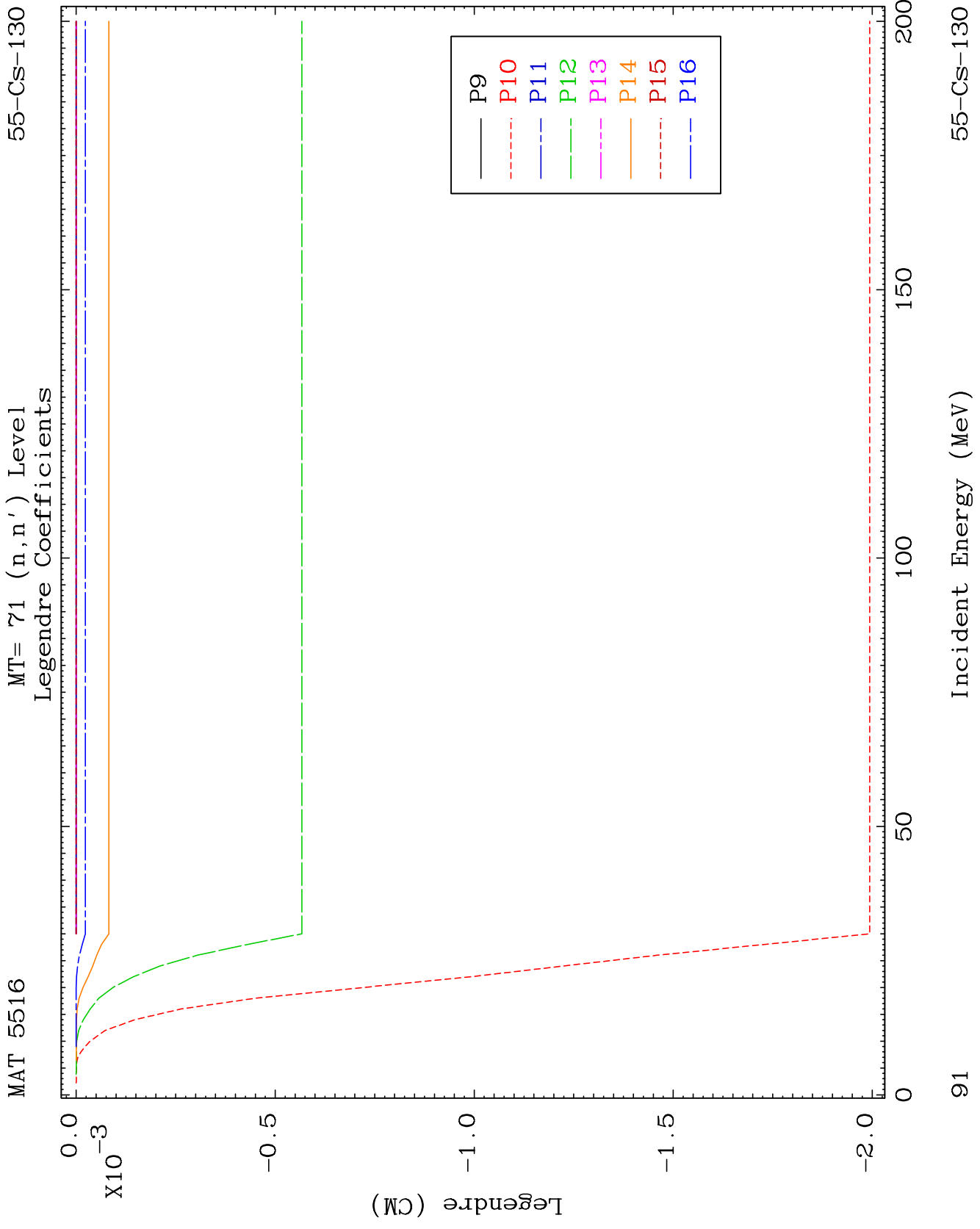
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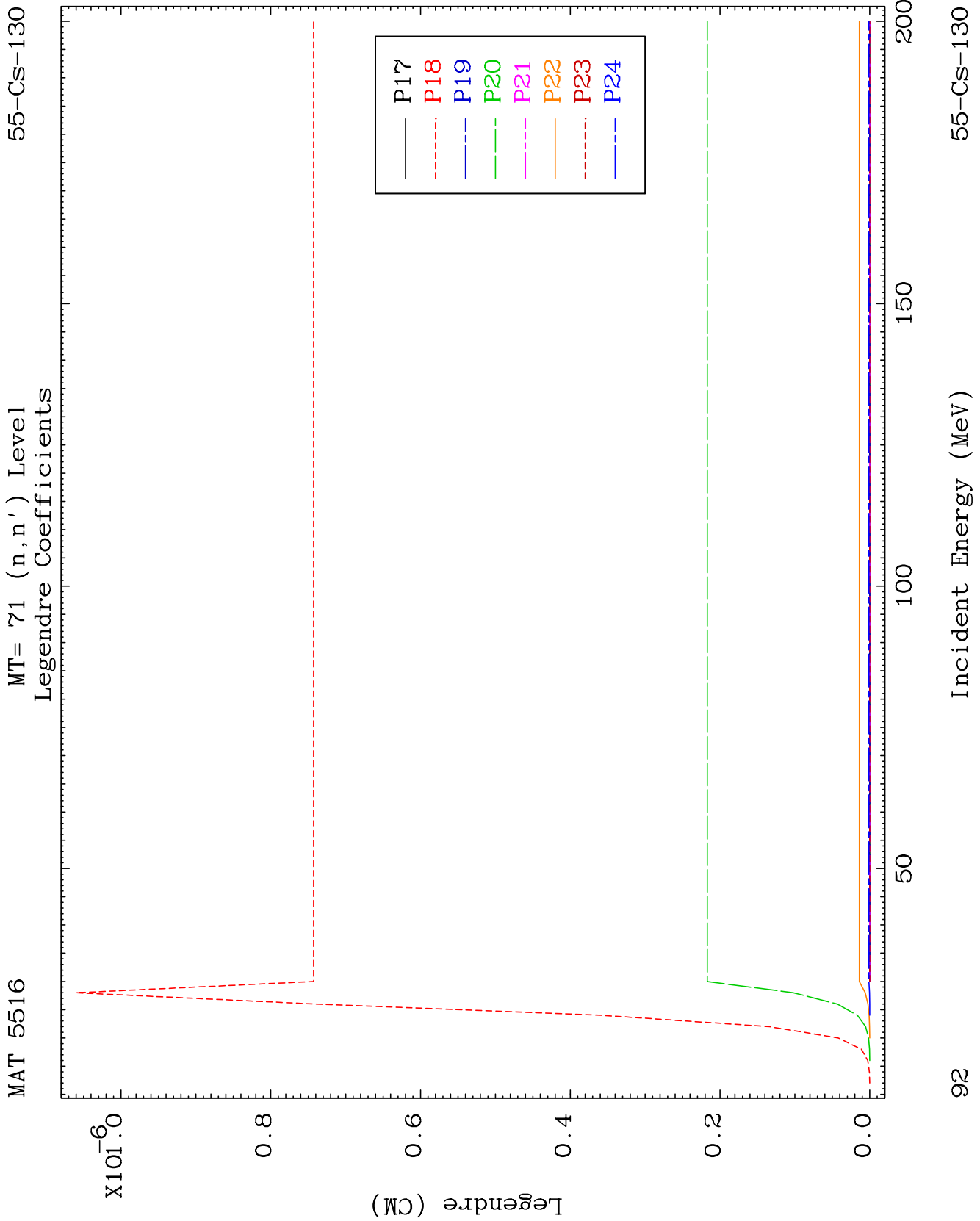
Incident Energy (MeV)

55-Cs-130





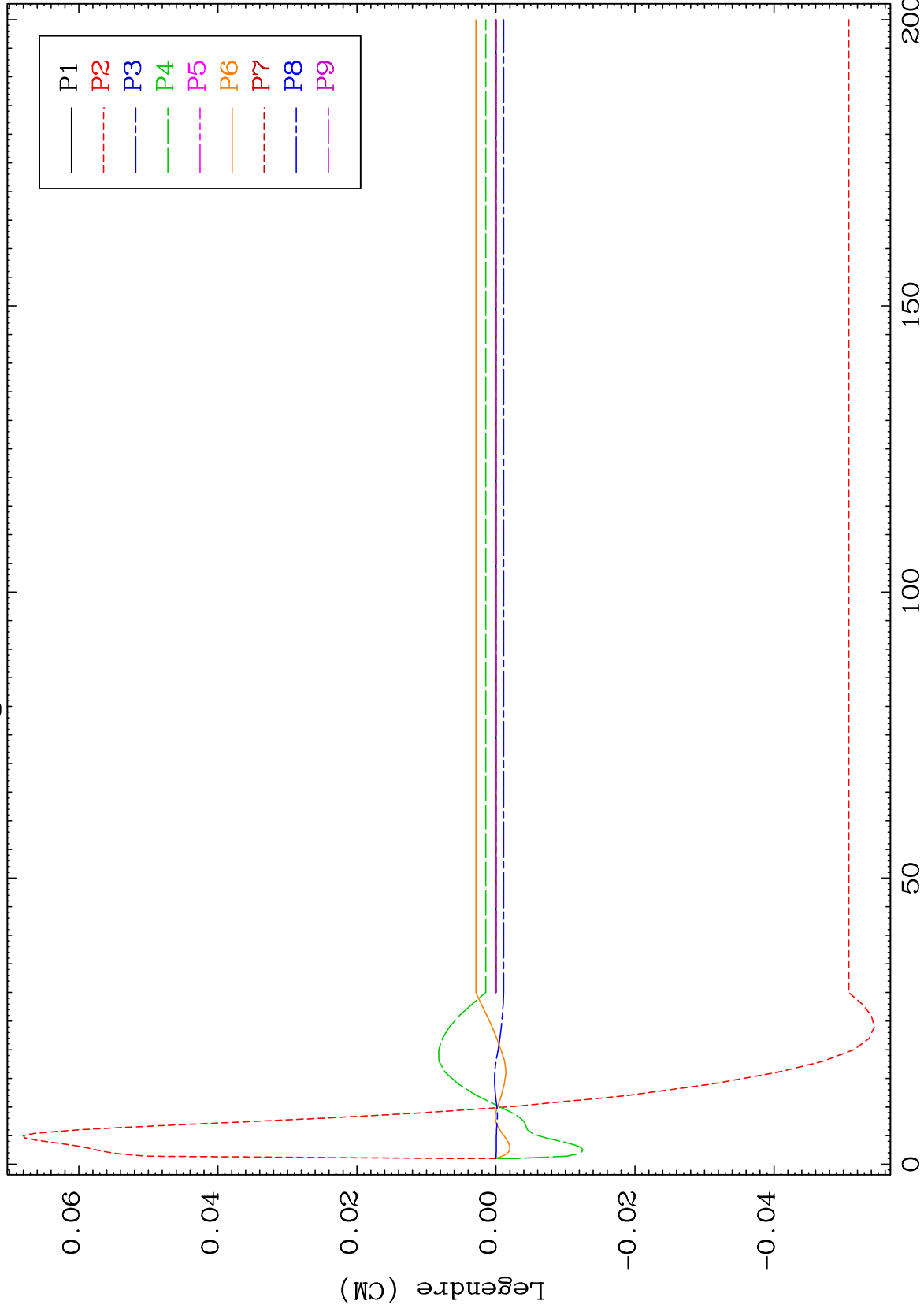




MAT 5516

MT= 72 (n,n') Level  
Legendre Coefficients

55-Cs-130



93

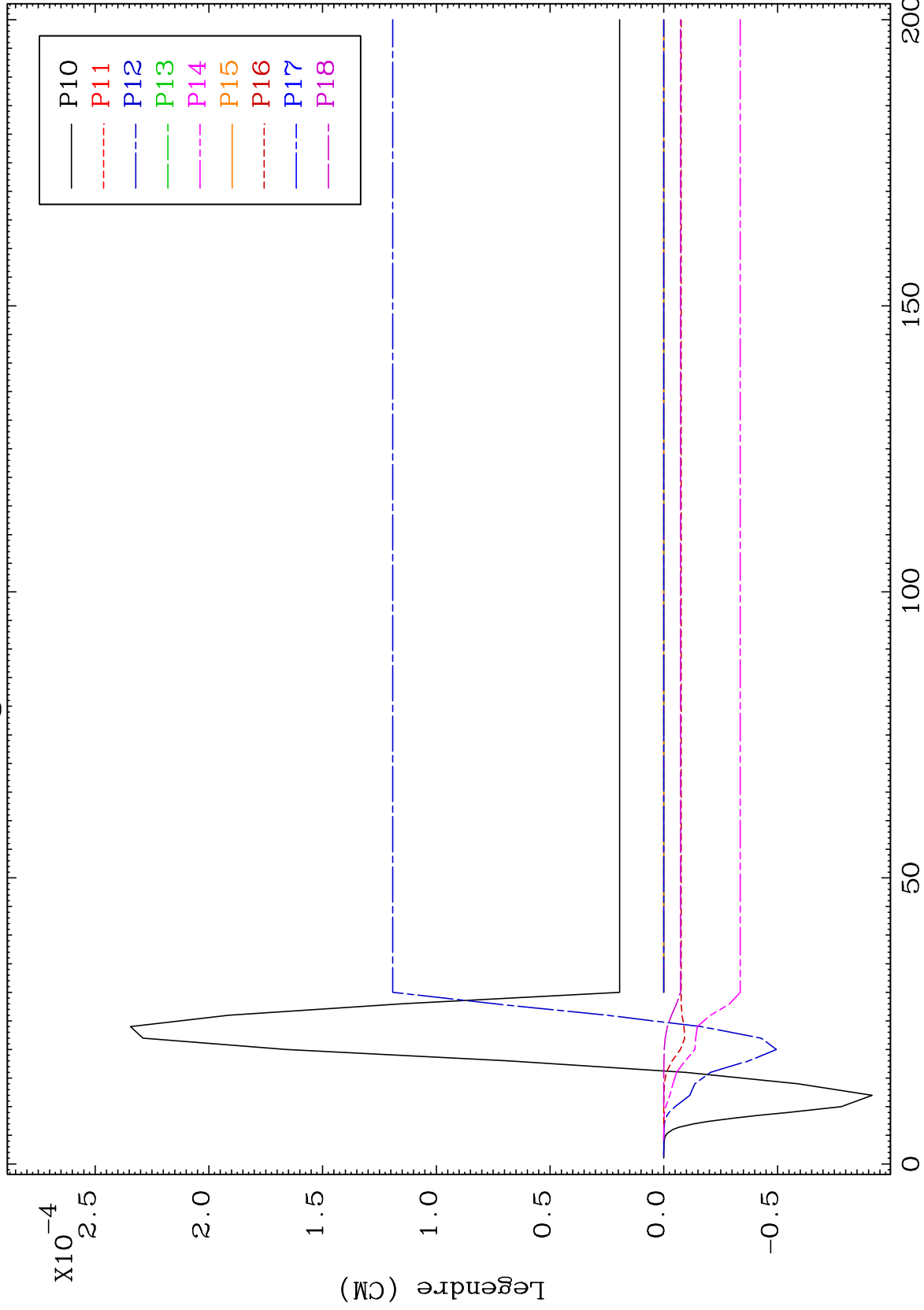
Incident Energy (MeV)

55-Cs-130

MAT 5516

MT= 72 (n,n') Level  
Legendre Coefficients

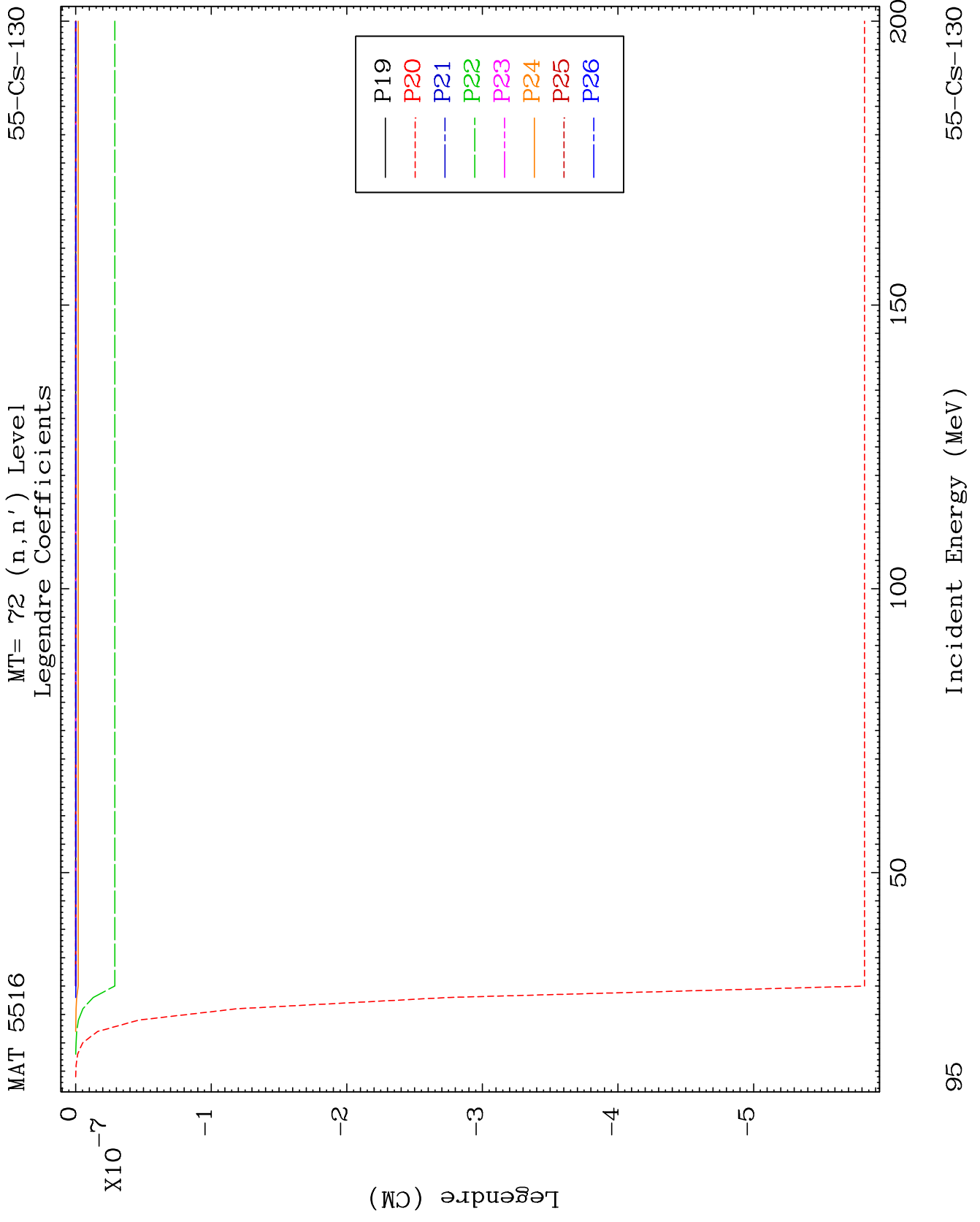
55-Cs-130



94

Incident Energy (MeV)

55-Cs-130

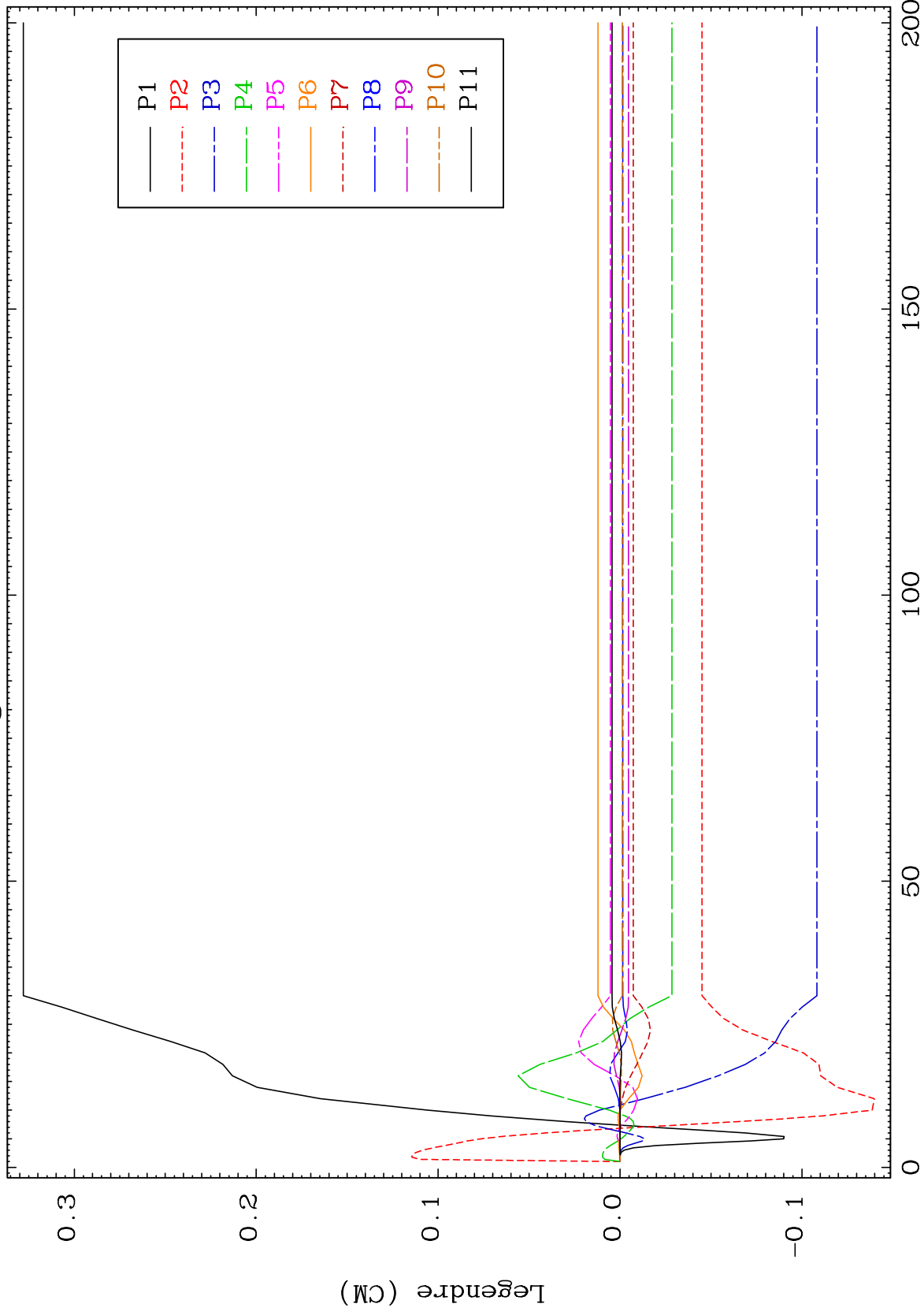




MAT 5516

MT= 73 (n,n') Level  
Legendre Coefficients

55-Cs-130



55-Cs-130

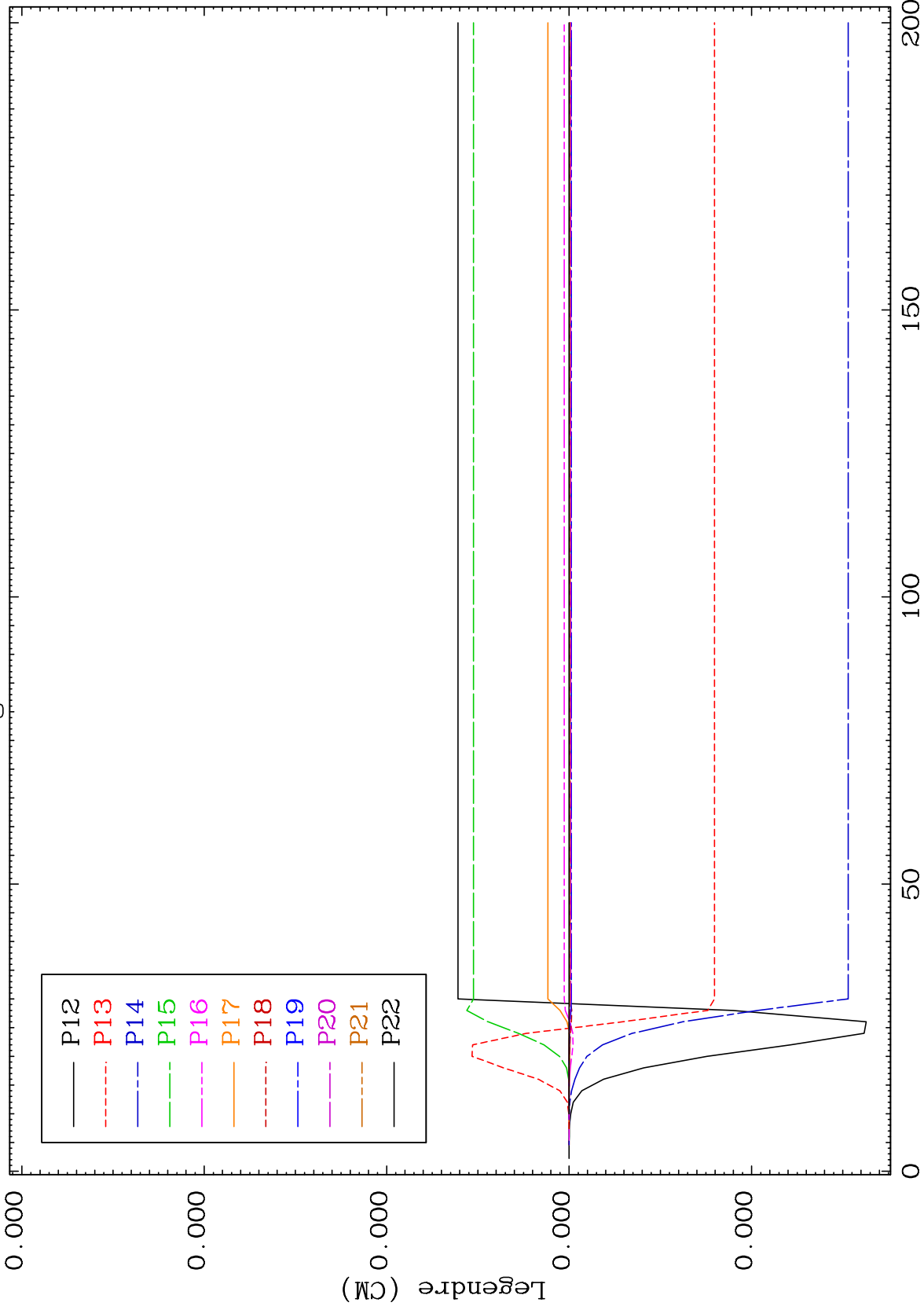
Incident Energy (MeV)

96

MAT 5516

MT= 73 (n,n') Level  
Legendre Coefficients

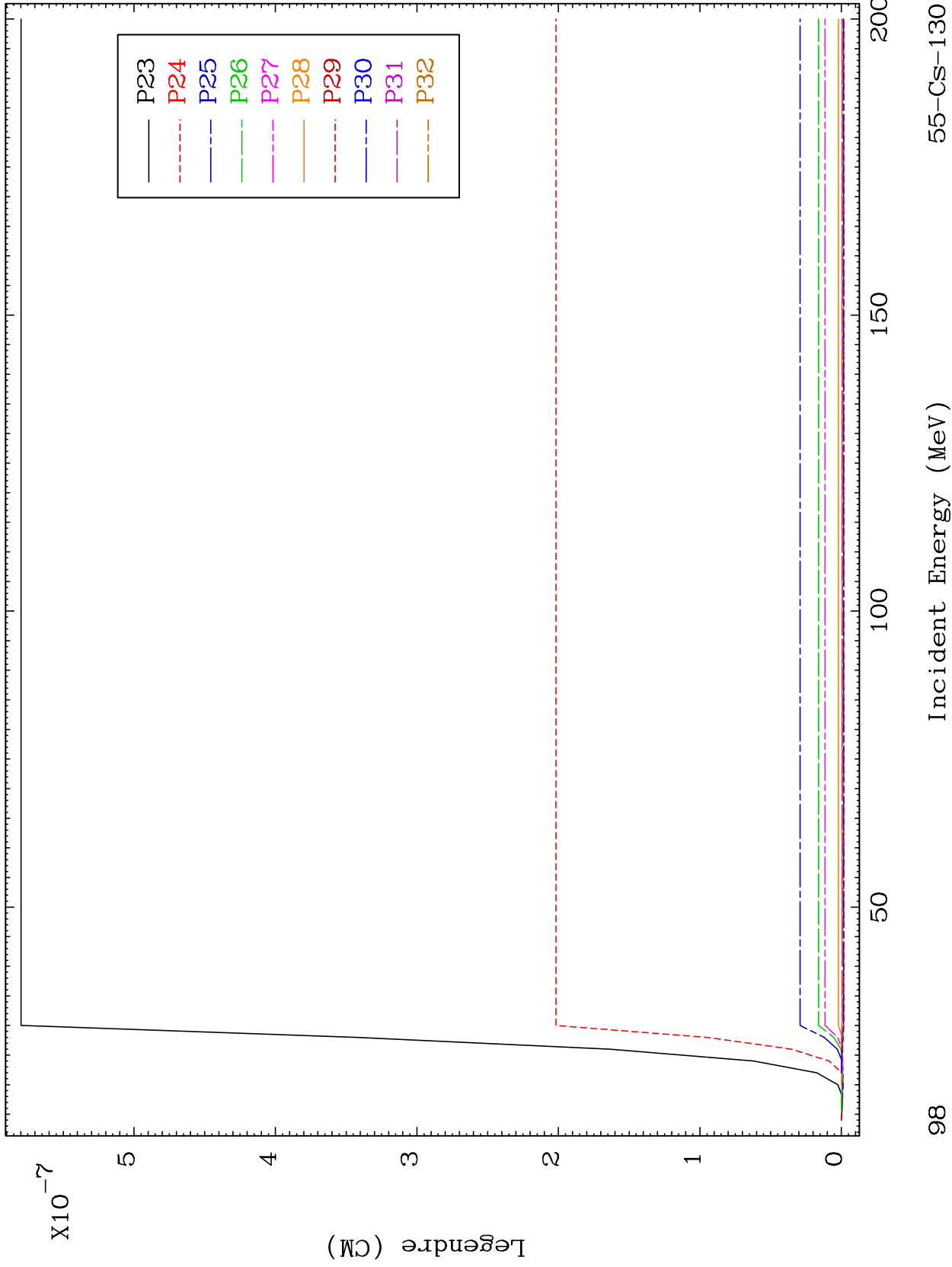
55-Cs-130



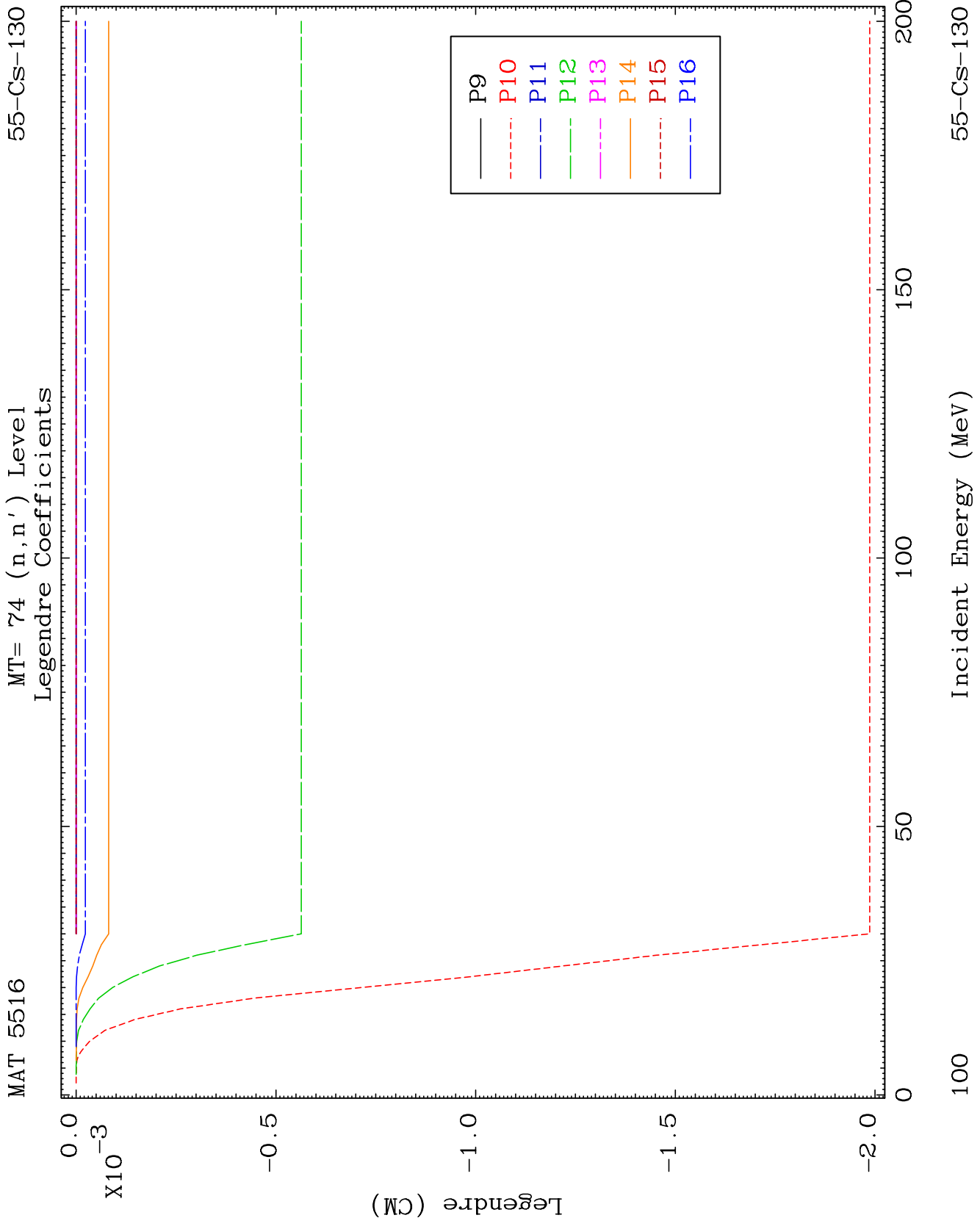
MAT 5516

MT= 73 (n,n') Level  
Legendre Coefficients

55-Cs-130





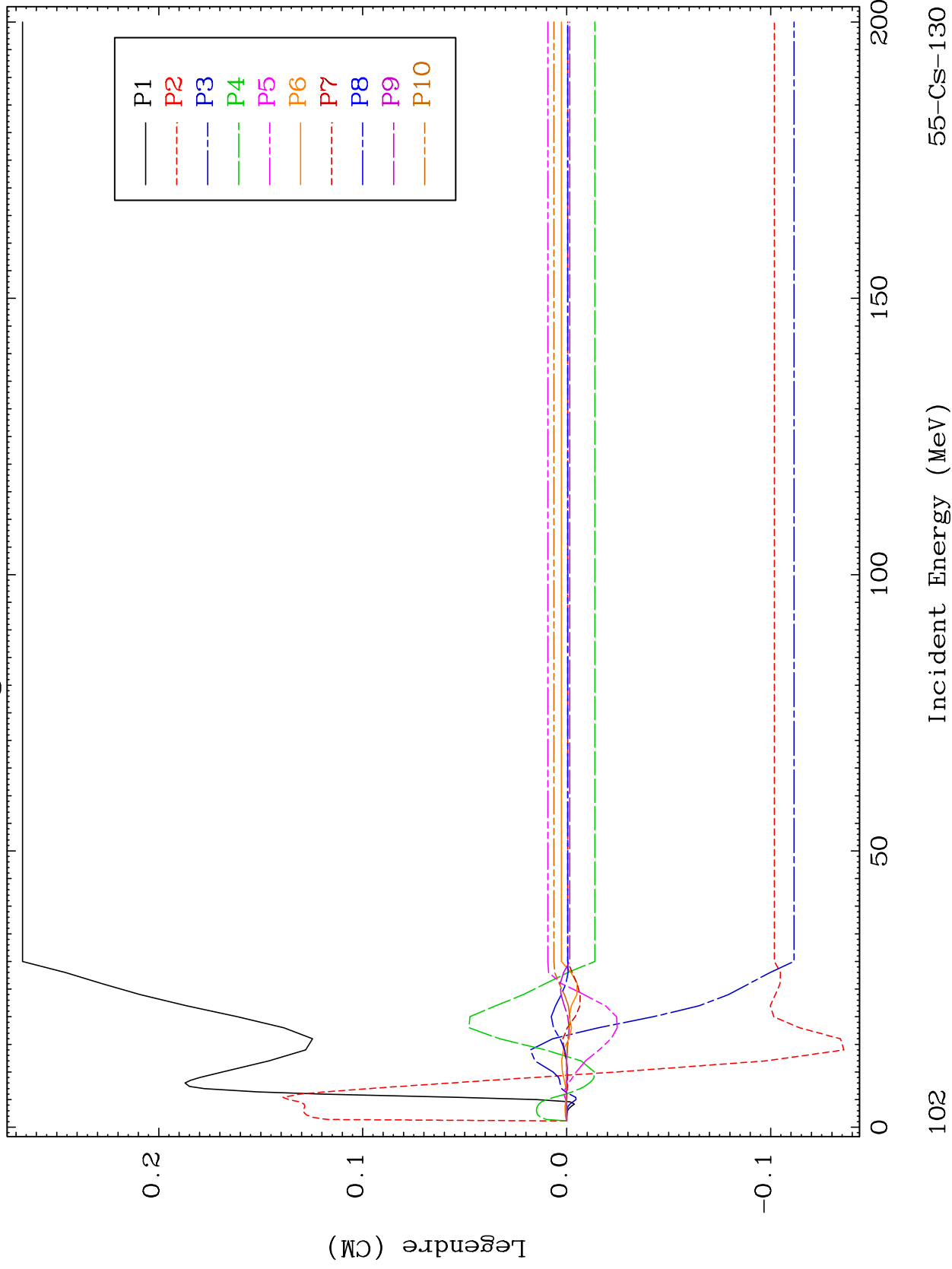




MAT 5516

MT= 75 (n,n') Level  
Legendre Coefficients

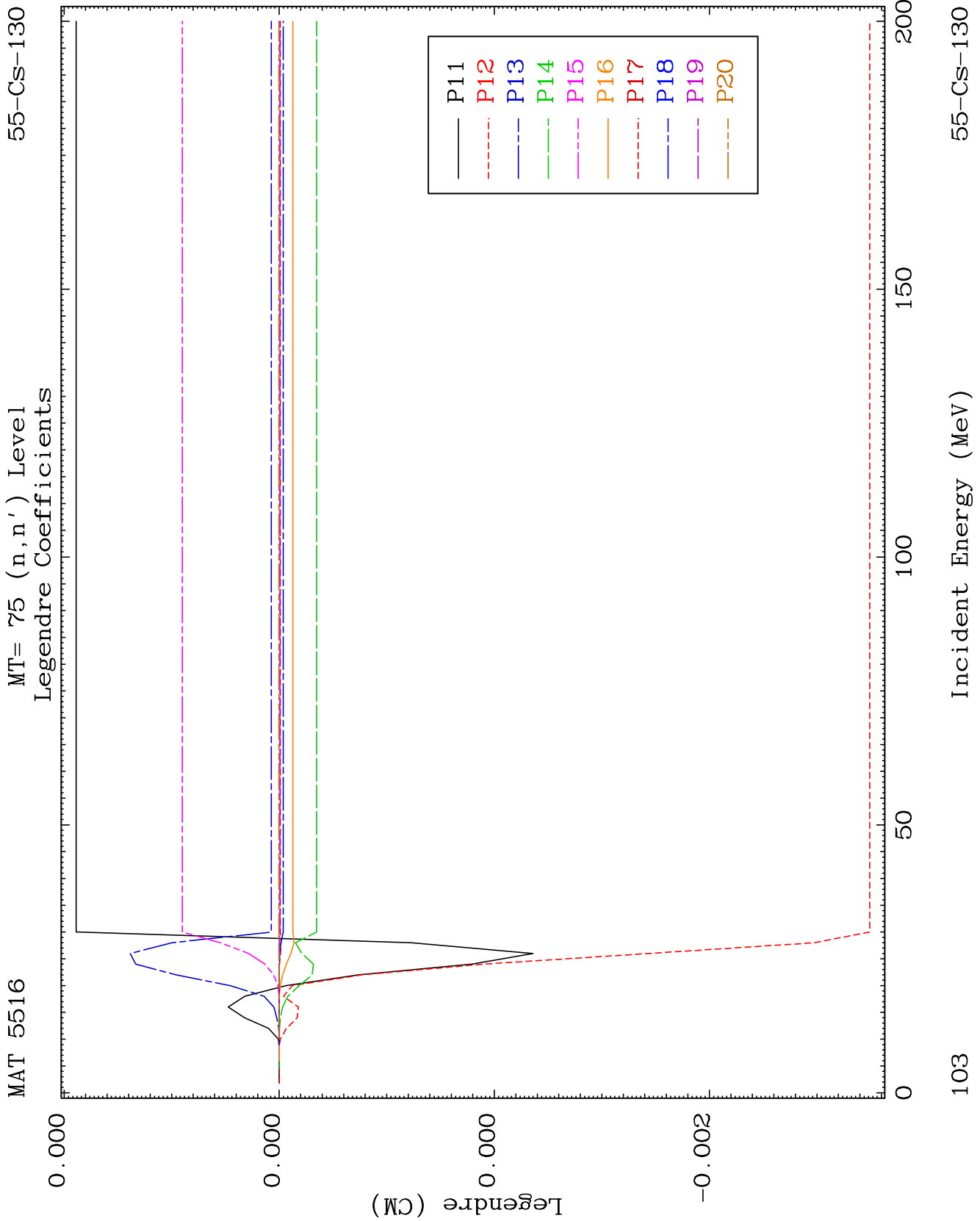
55-Cs-130



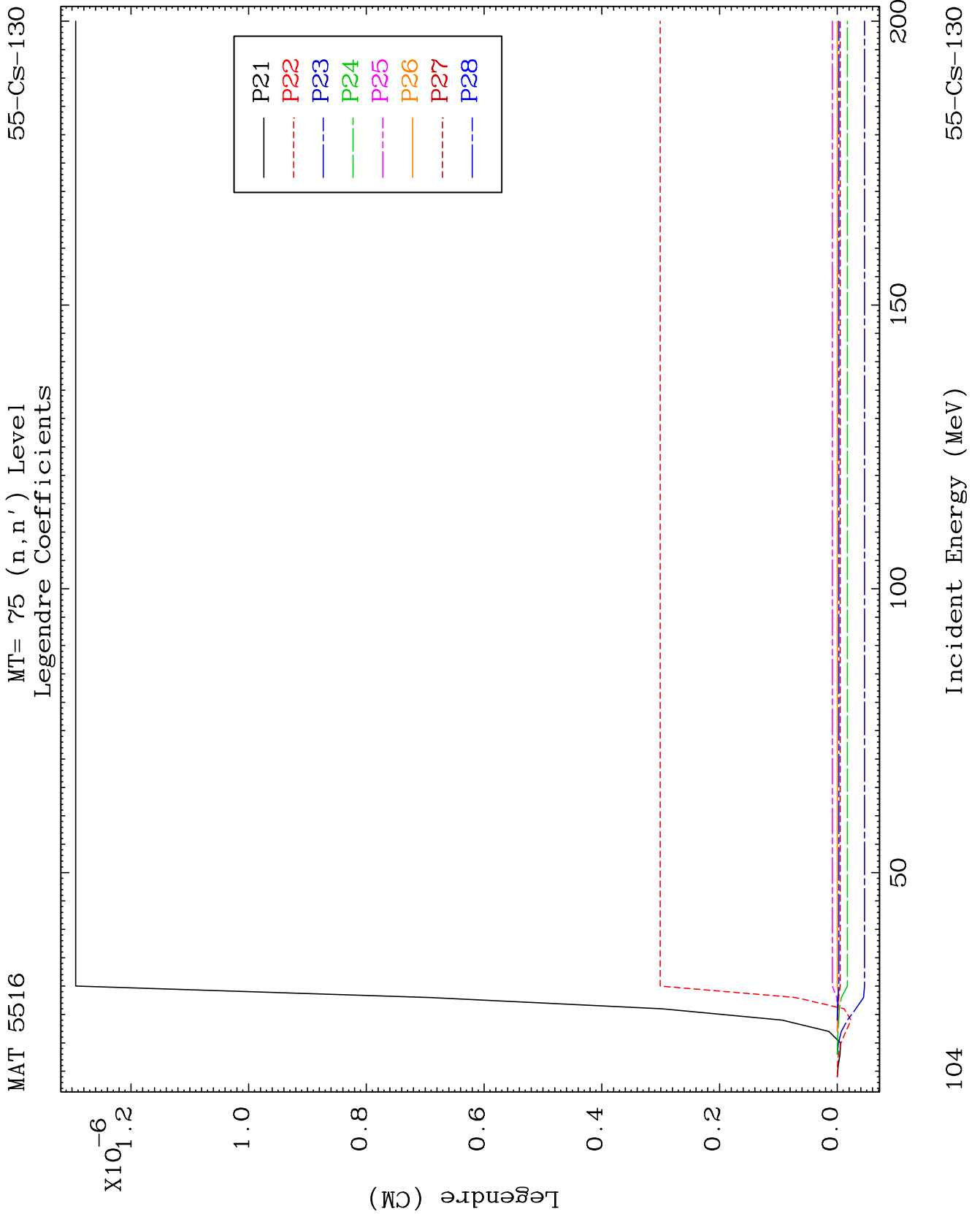
55-Cs-130

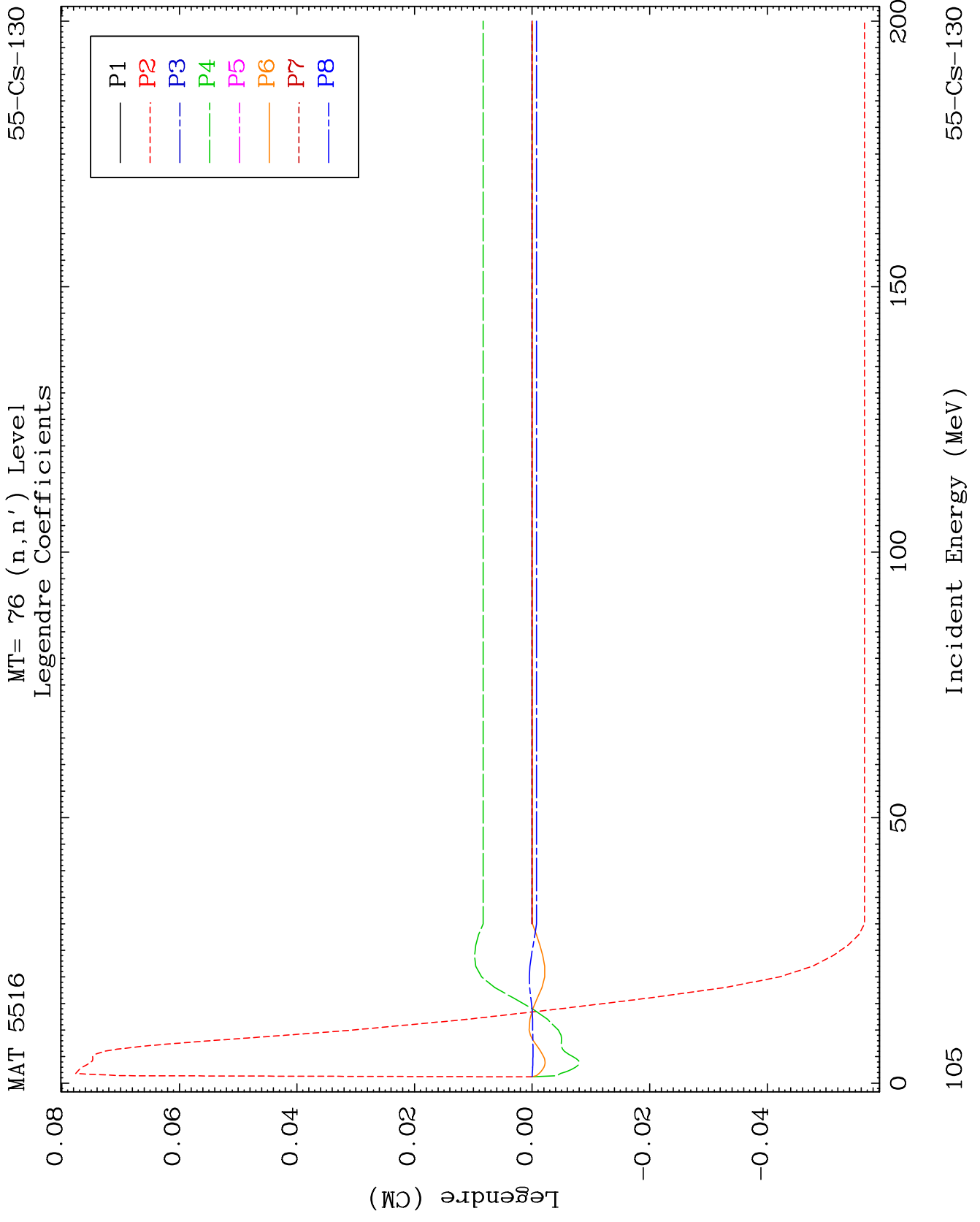
Incident Energy (MeV)

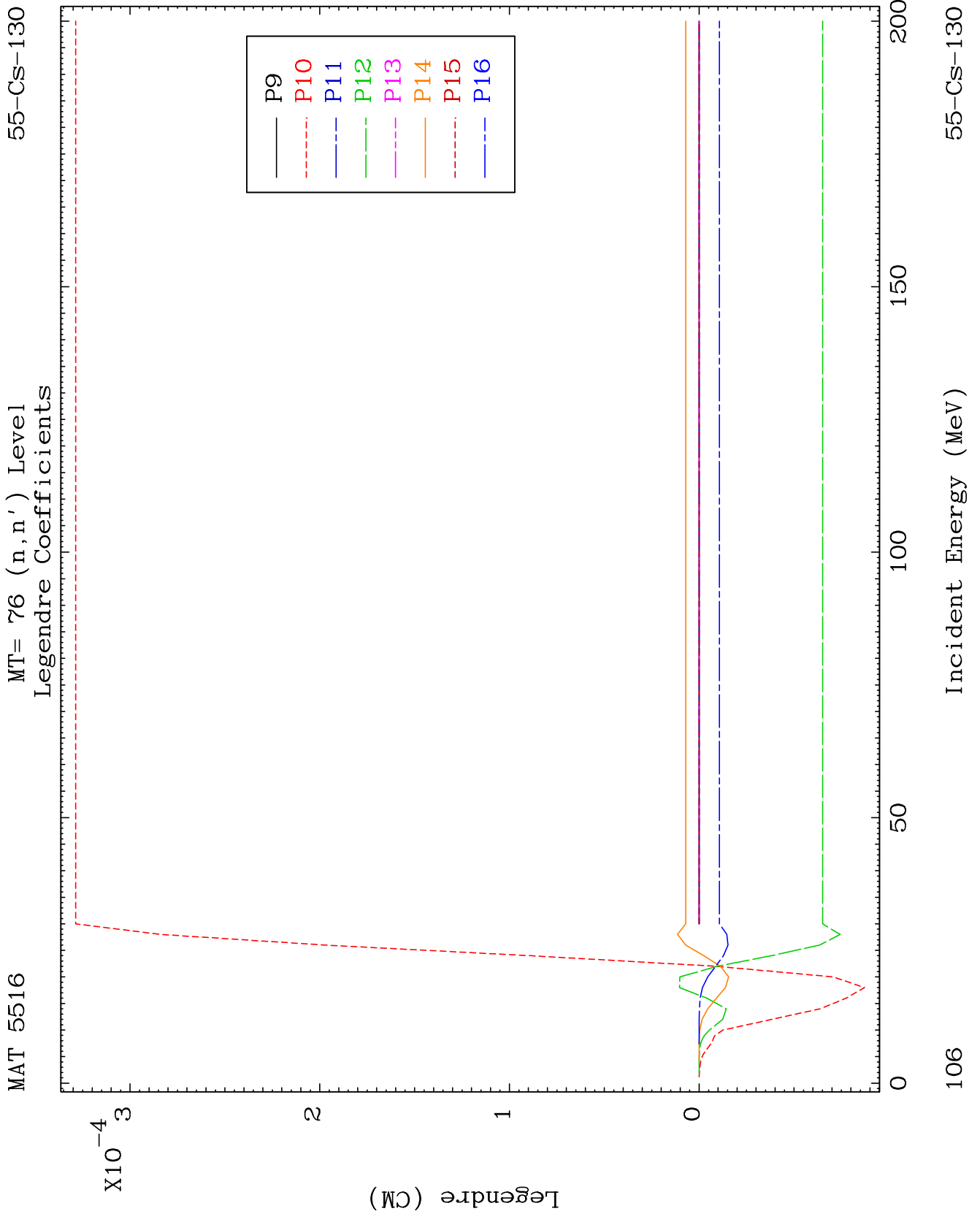
102

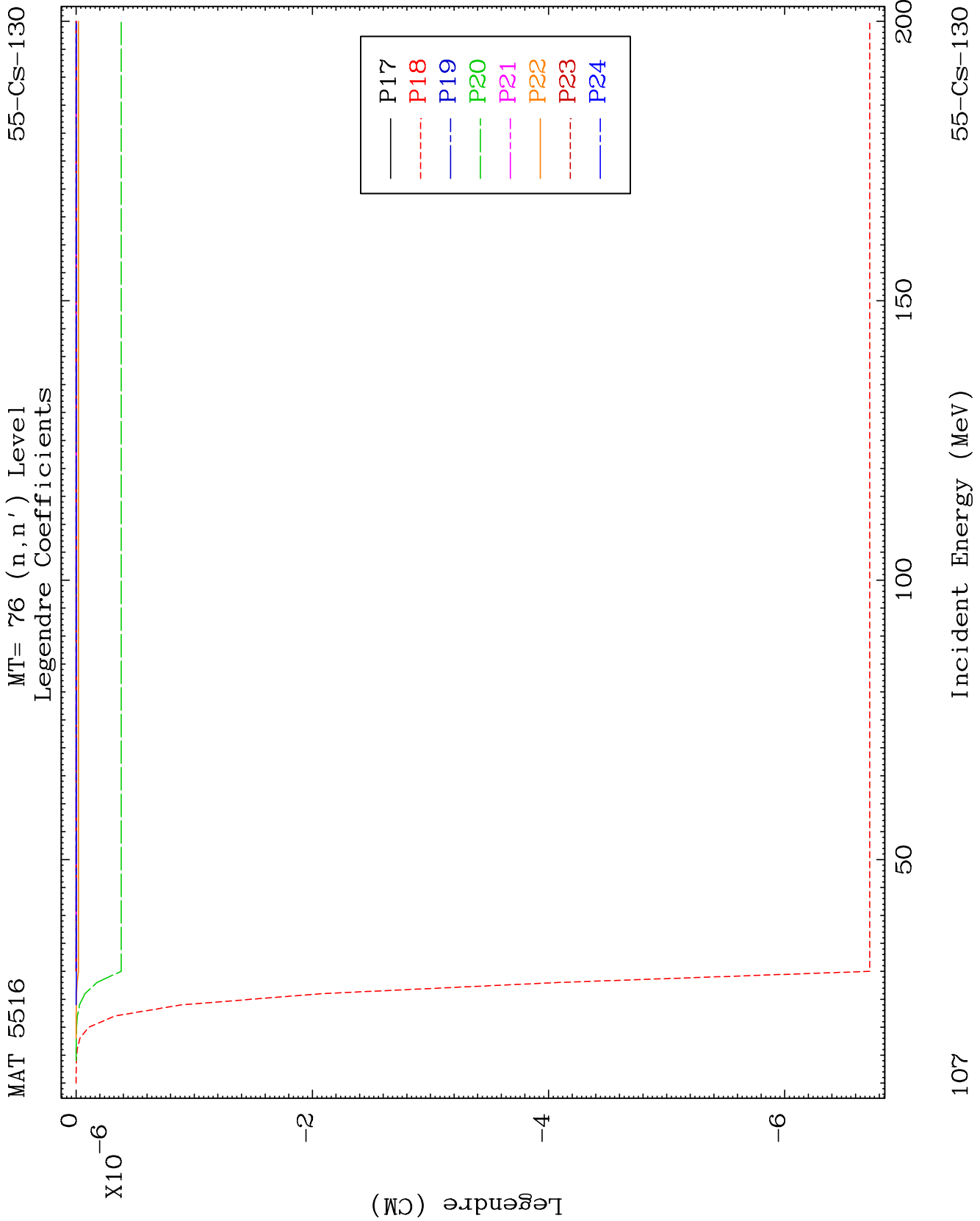










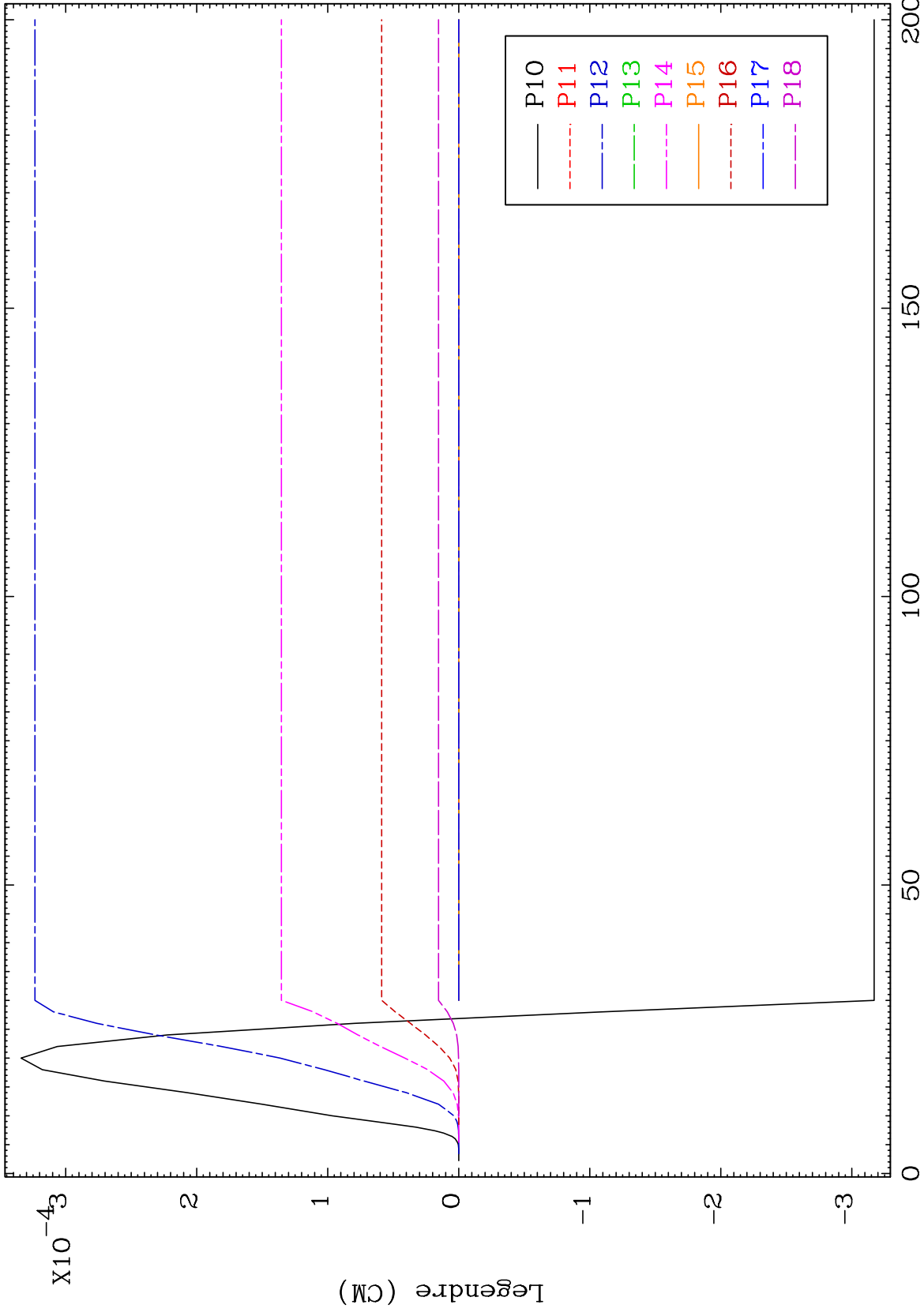




MAT 5516

MT= 77 (n,n') Level  
Legendre Coefficients

55-Cs-130



109

Incident Energy (MeV)

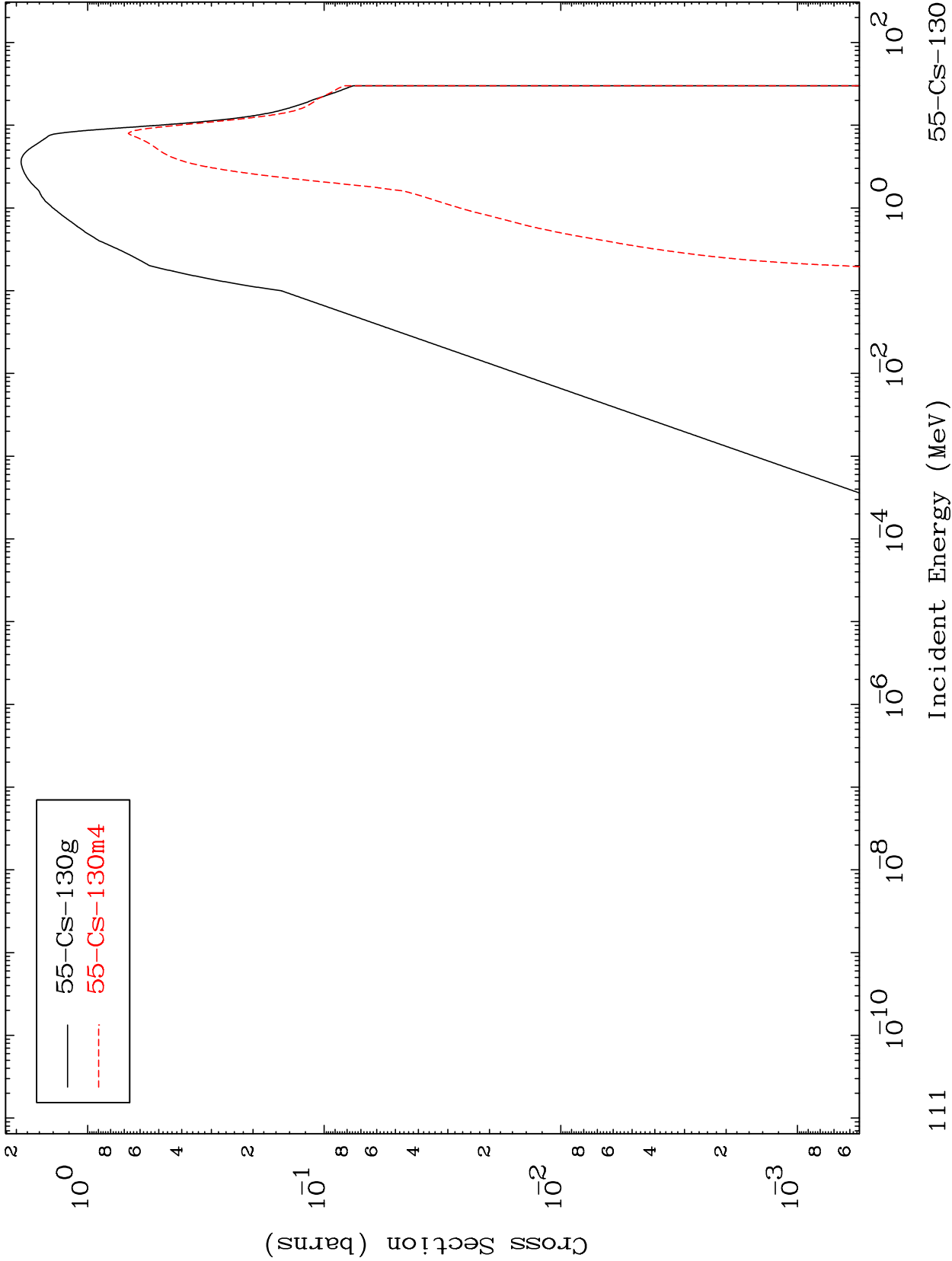
55-Cs-130



MAT 5516

Inelastic  
Radionuclide Production Cross Section

55-Cs-130



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

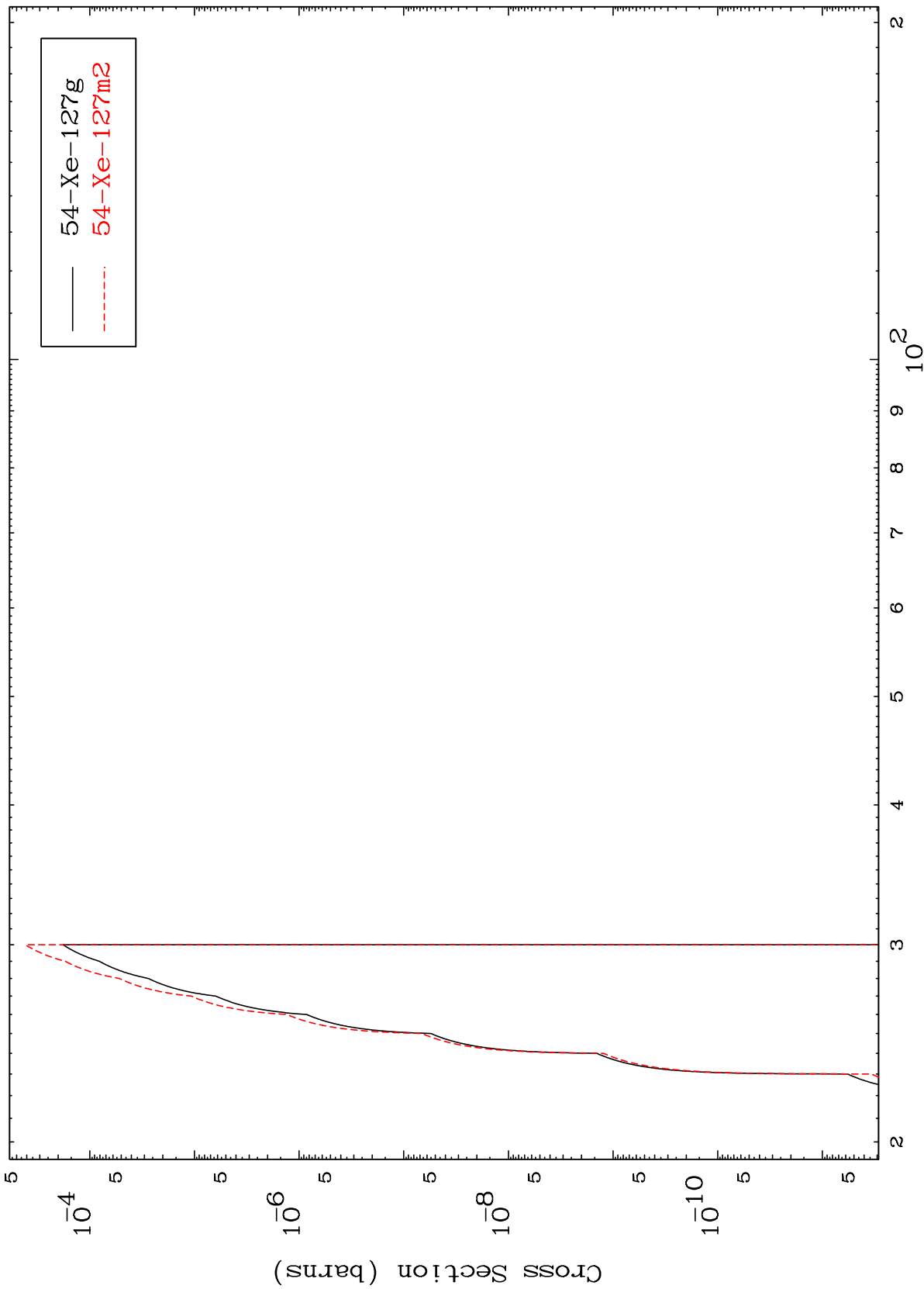


MAT 5516

(n,2n) d

55-Cs-130

Radionuclide Production Cross Section

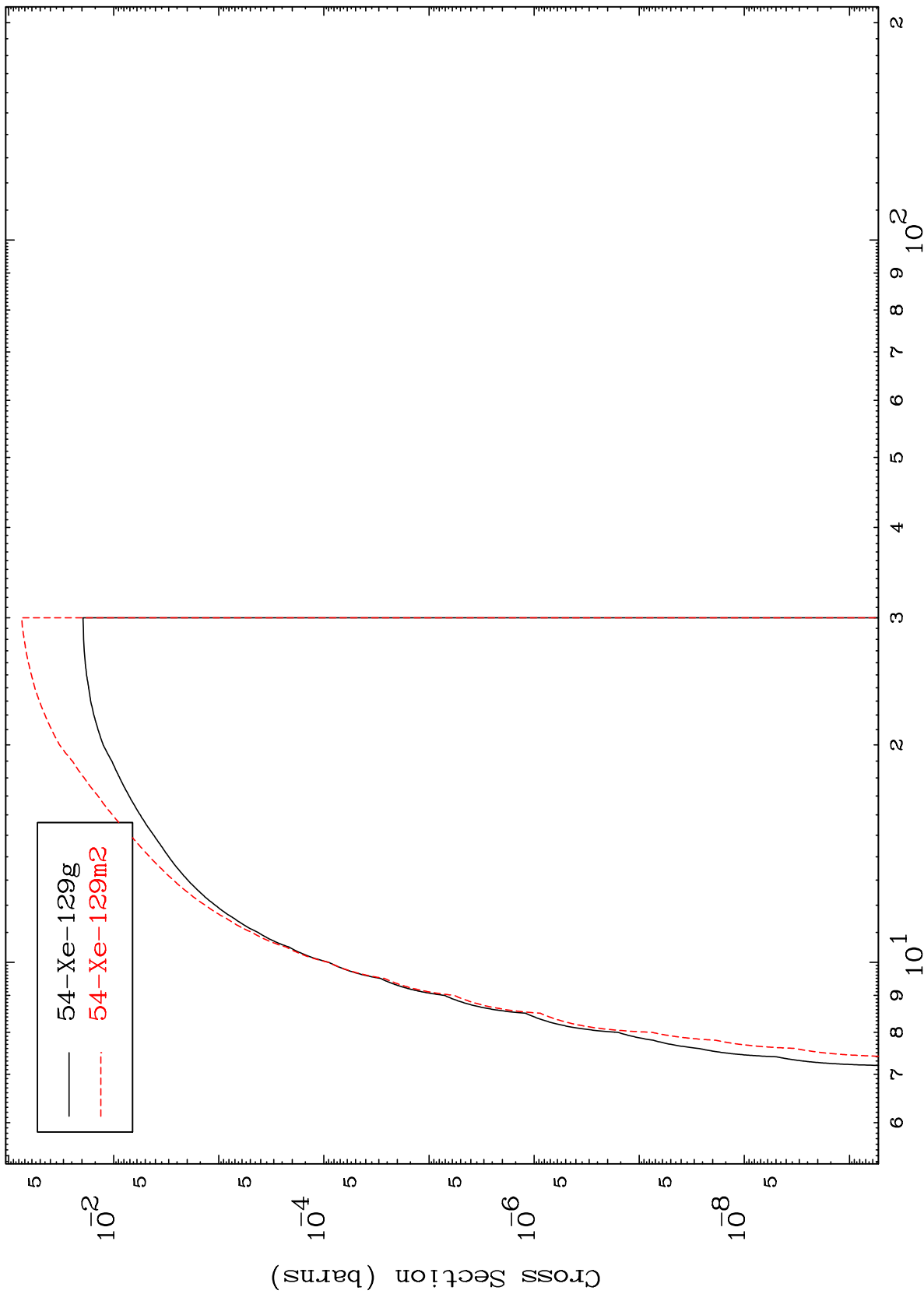


112

Incident Energy (MeV)

55-Cs-130

Radionuclide Production Cross Section

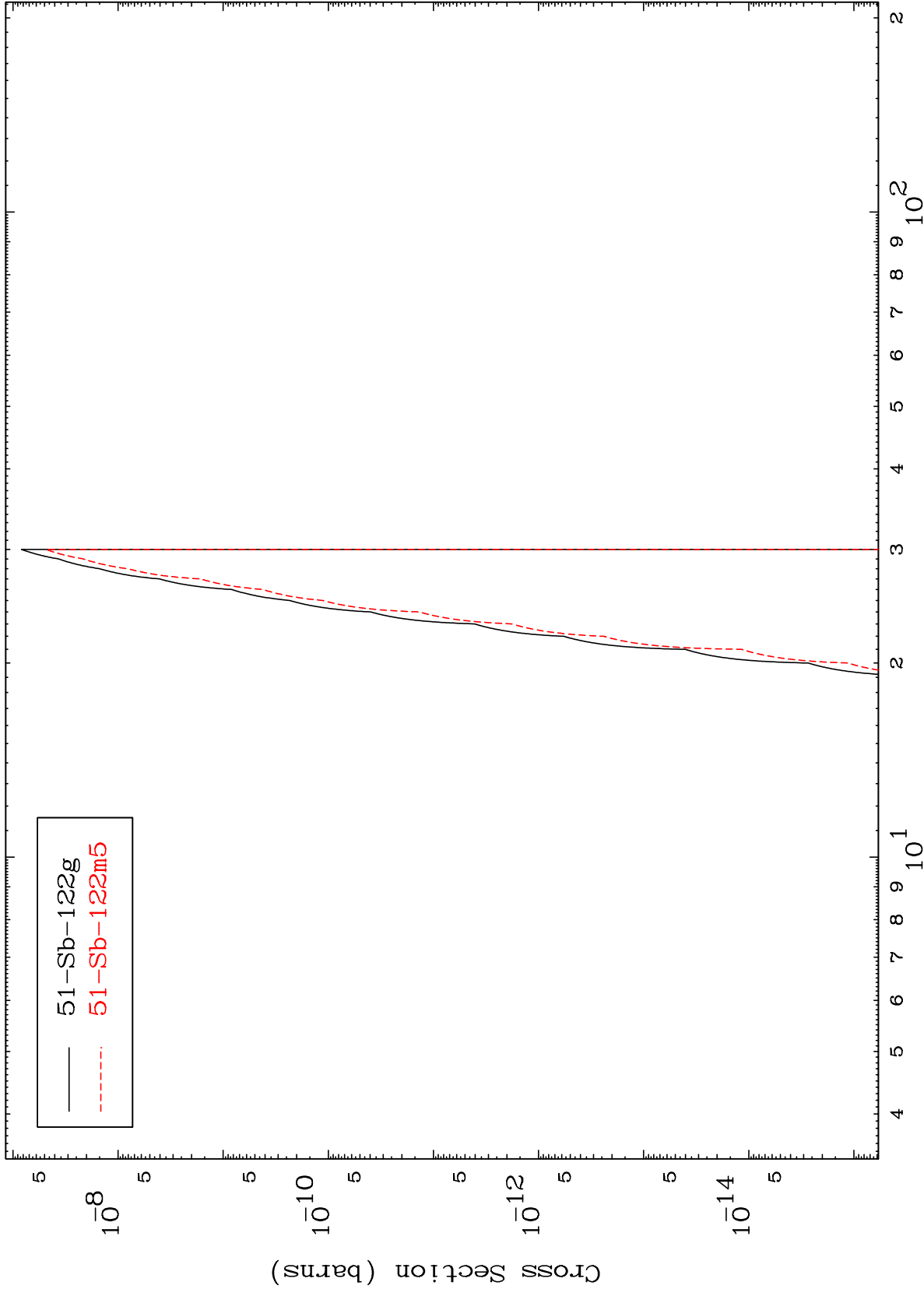


MAT 5516

(n,n')  $2\alpha$

55-Cs-130

Radionuclide Production Cross Section



114

Incident Energy (MeV)

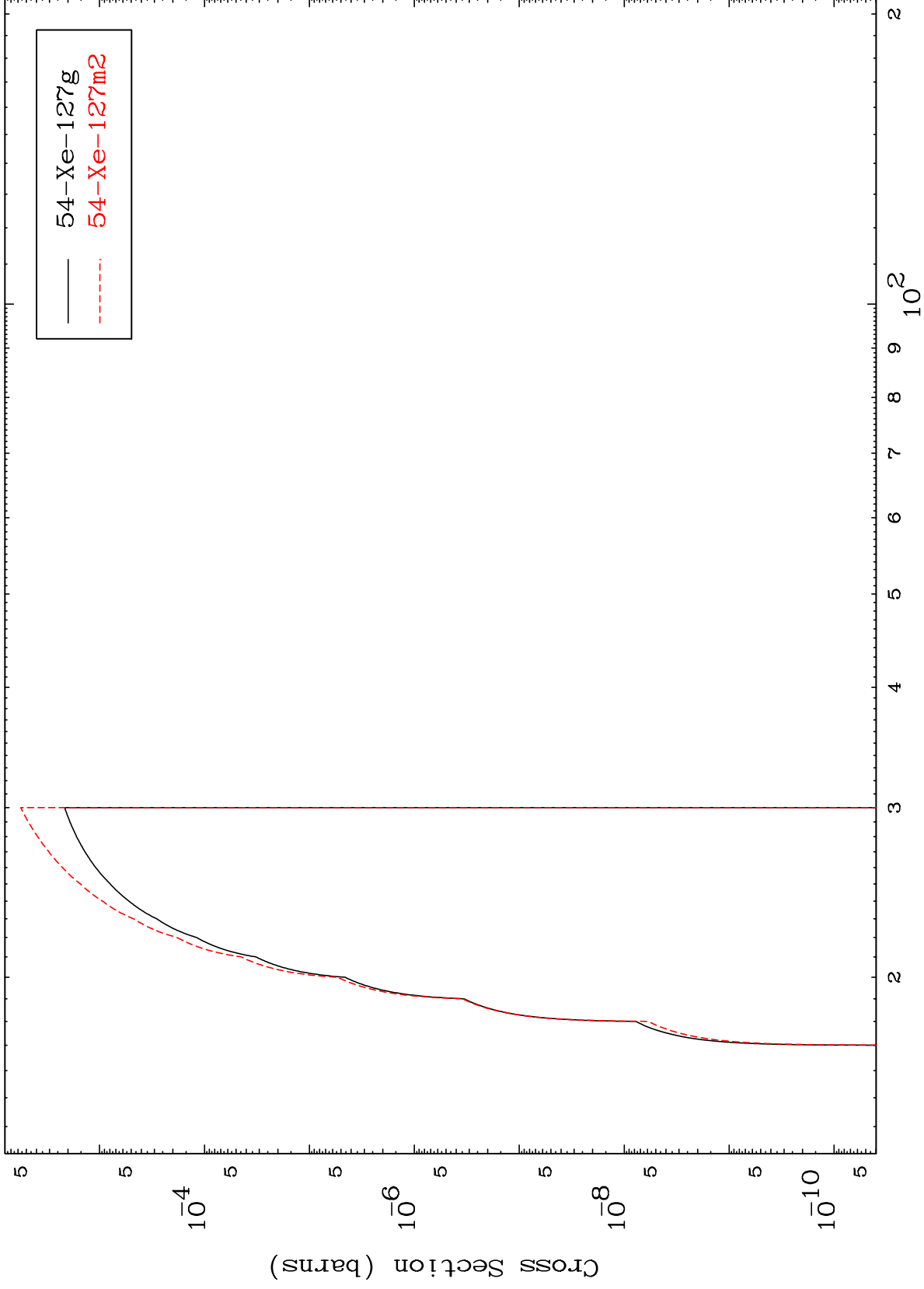
55-Cs-130

MAT 5516

(n,n') t

55-Cs-130

Radionuclide Production Cross Section



115

Incident Energy (MeV)

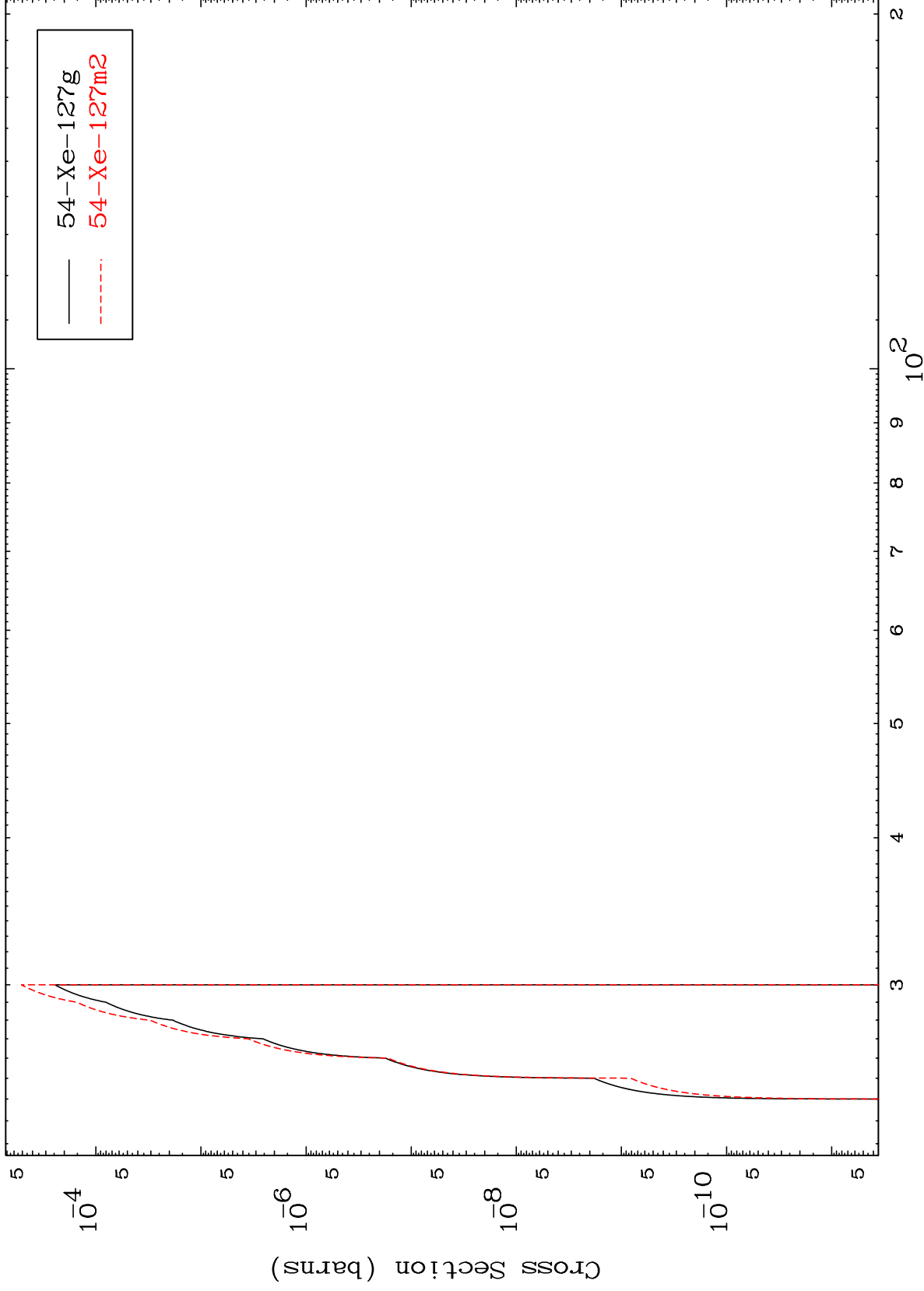
55-Cs-130

MAT 5516

(n,3n) p

55-Cs-130

Radionuclide Production Cross Section



116

Incident Energy (MeV)

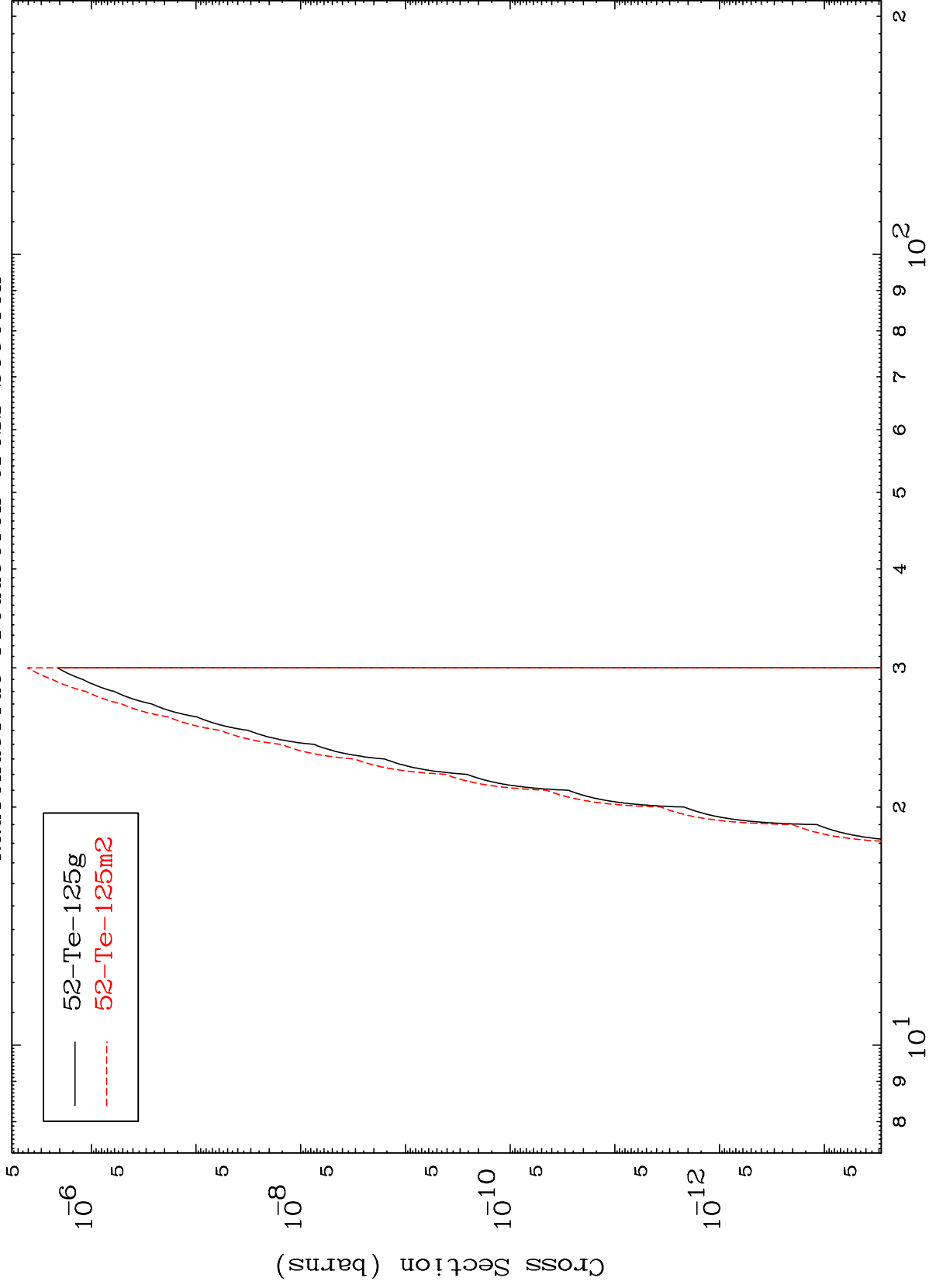
55-Cs-130

MAT 5516

(n,n') p  $\alpha$

55-Cs-130

Radionuclide Production Cross Section



117

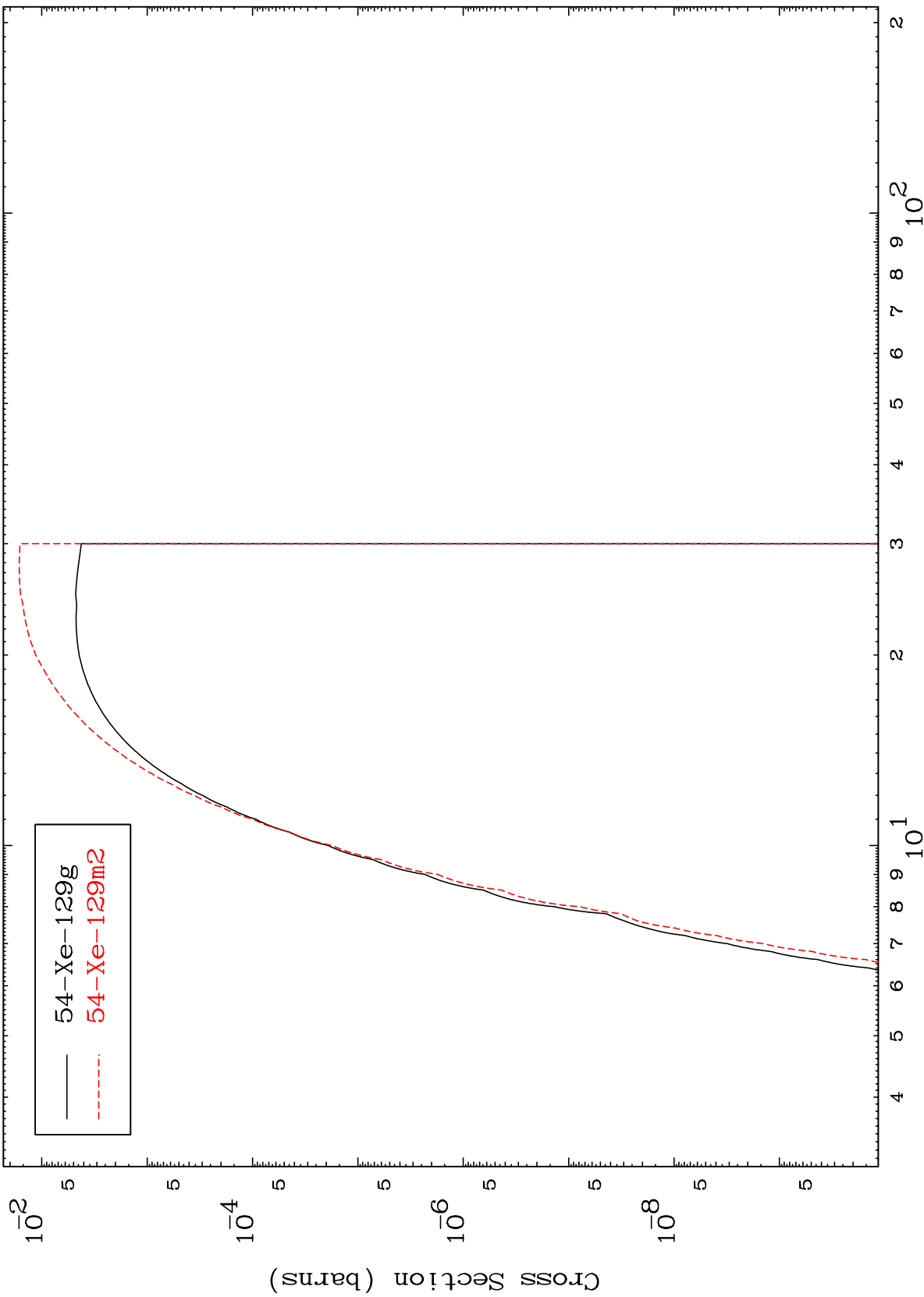
Incident Energy (MeV)

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)

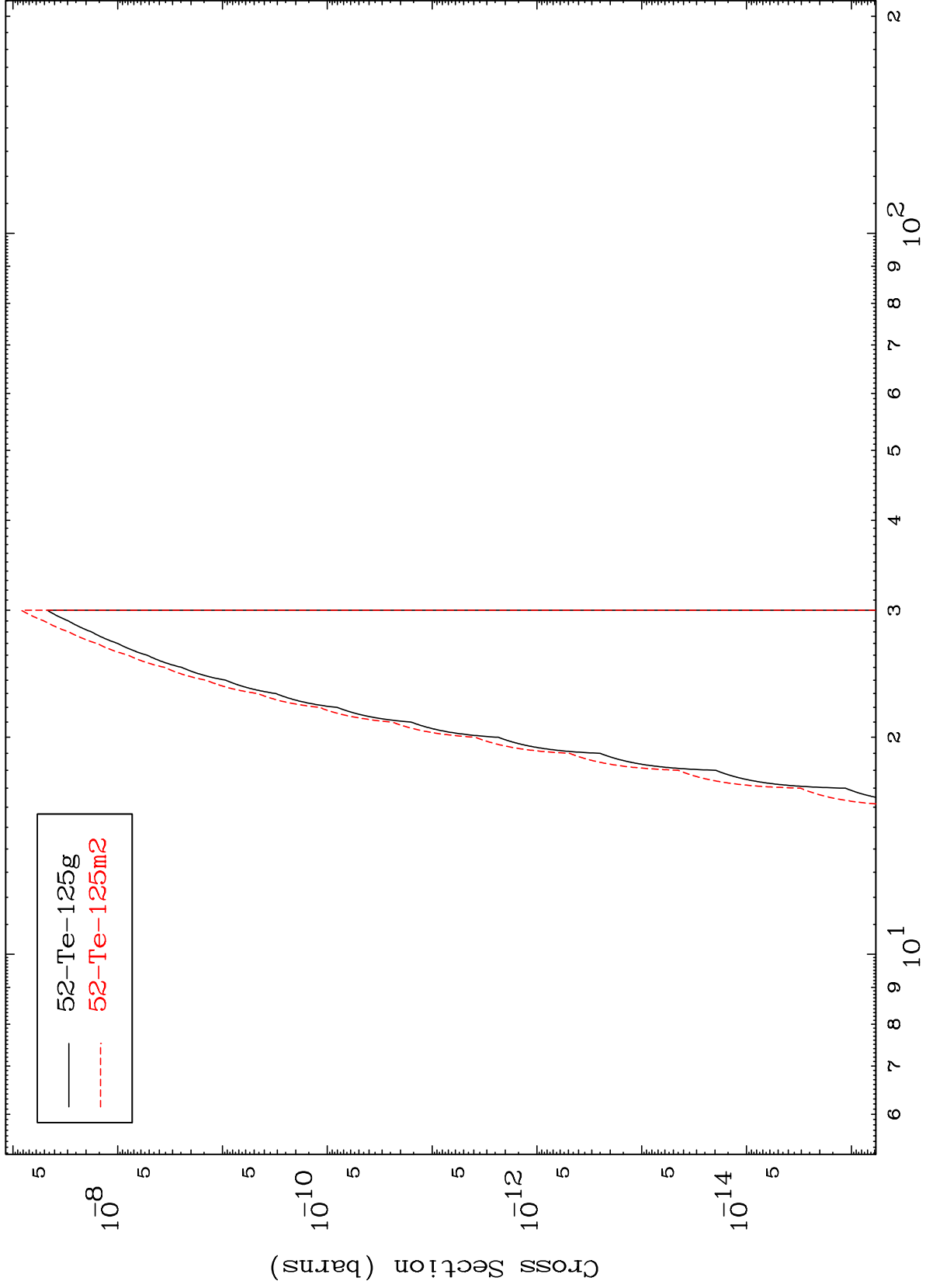
118

MAT 5516

(n,d)  $\alpha$

55-Cs-130

Radionuclide Production Cross Section



119

Incident Energy (MeV)

55-Cs-130