

Program EVALPLOT
(Version 2015-2)

by

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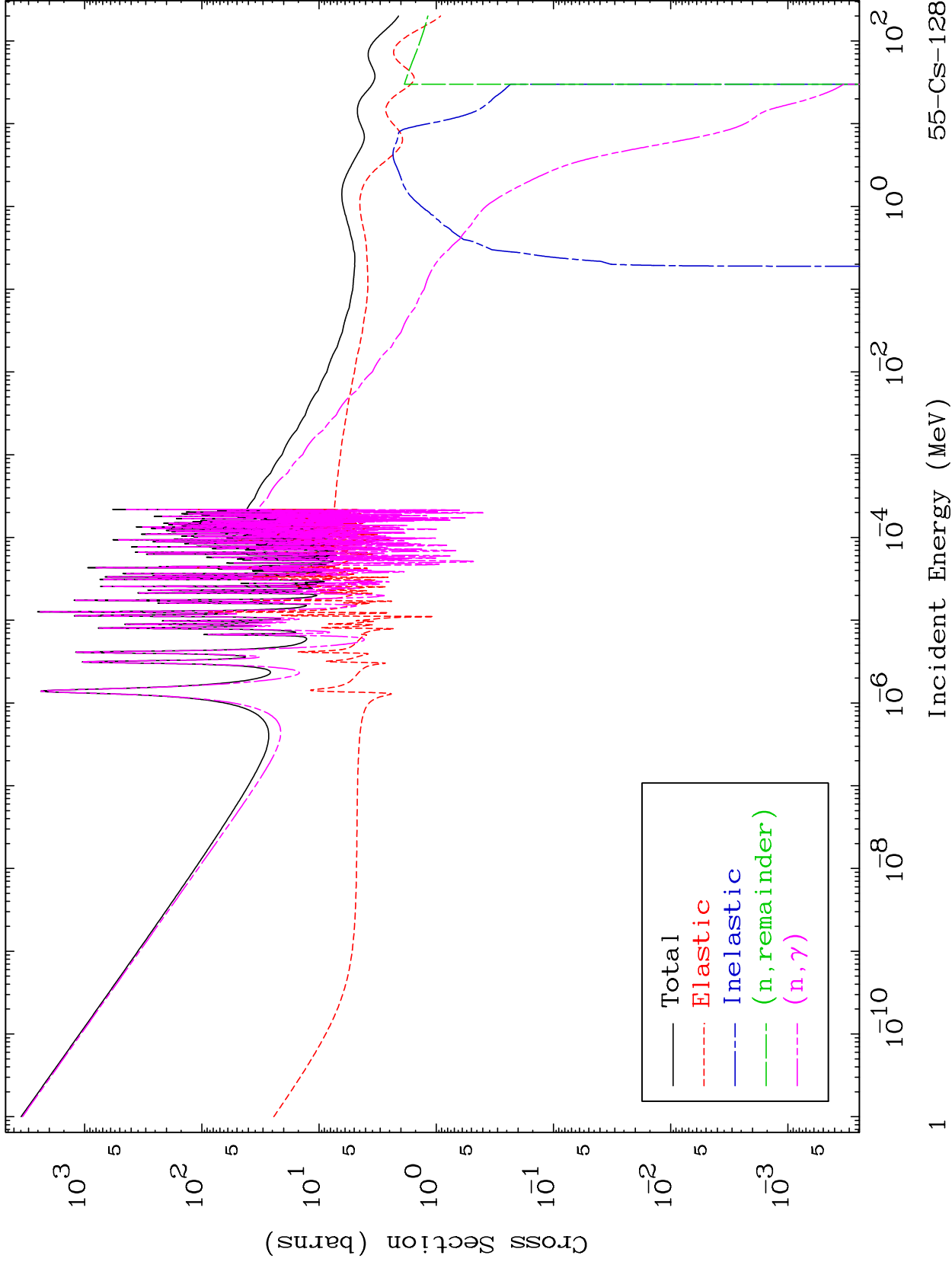
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5510

Major
293 Kelvin Cross Sections

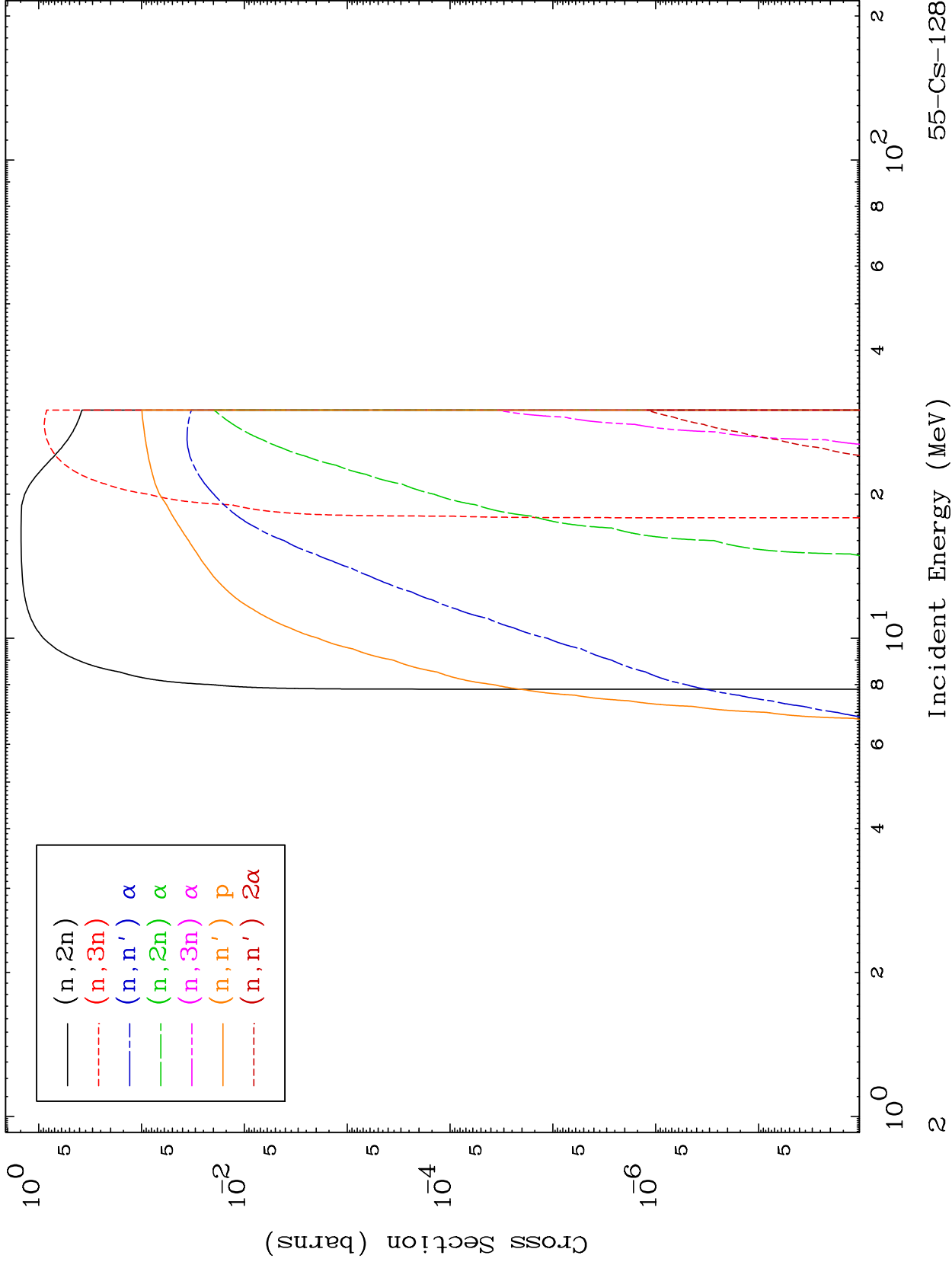
55-Cs-128

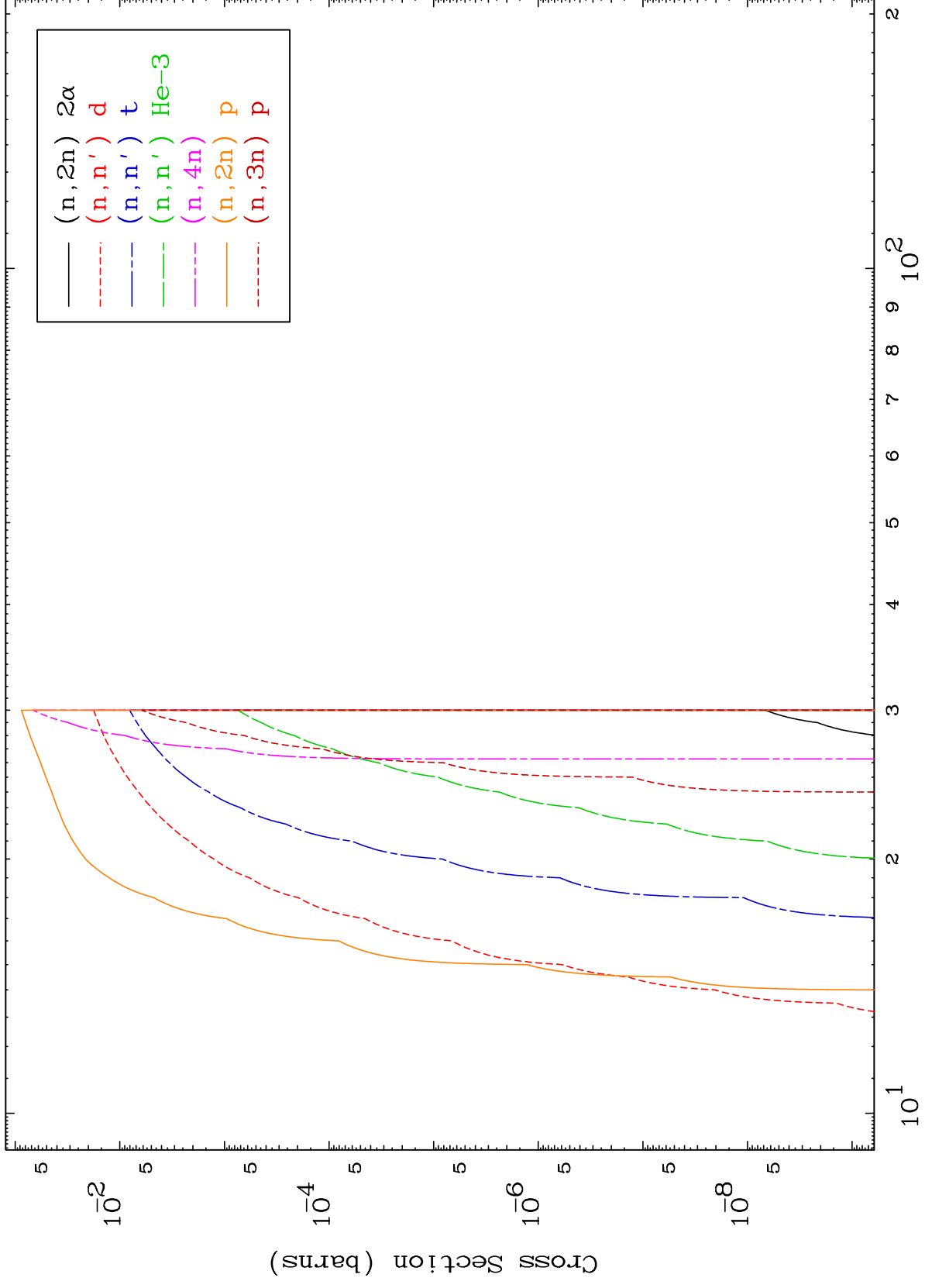


MAT 5510

Neutron Production
293 Kelvin Cross Sections

55-Cs-128

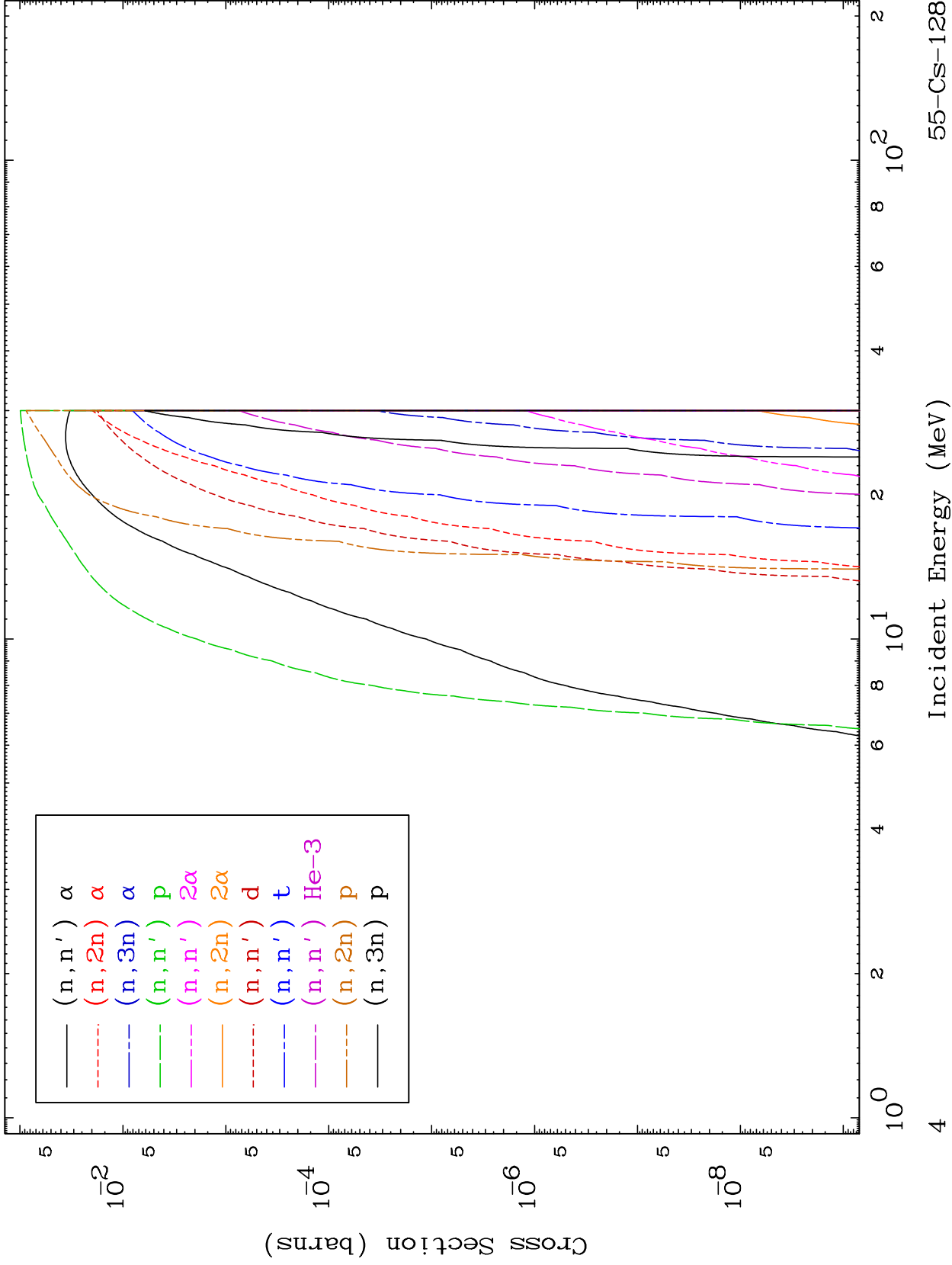




MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128

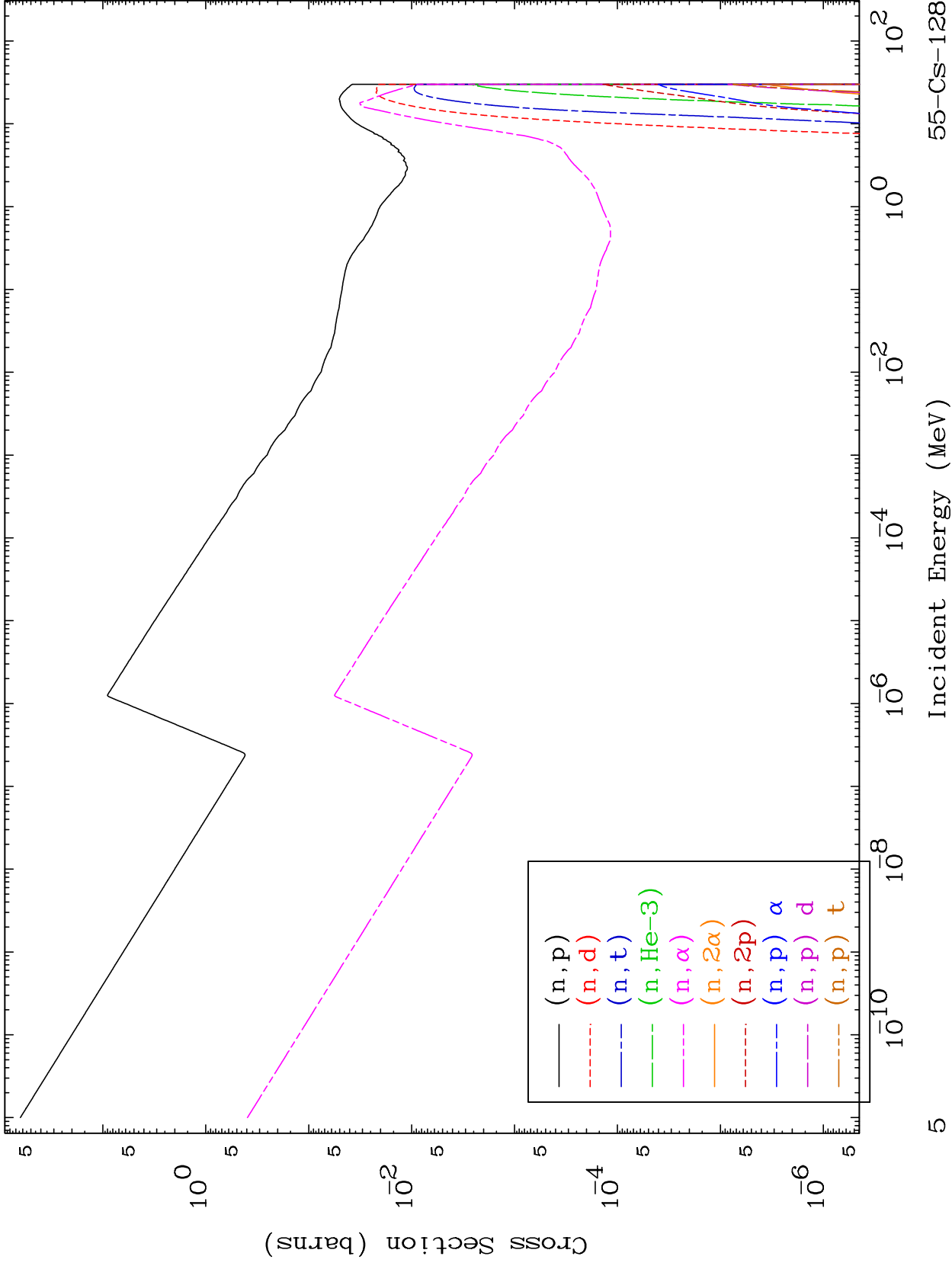


55-Cs-128

MAT 5510

Charged Particle
293 Kelvin Cross Sections

55-Cs-128

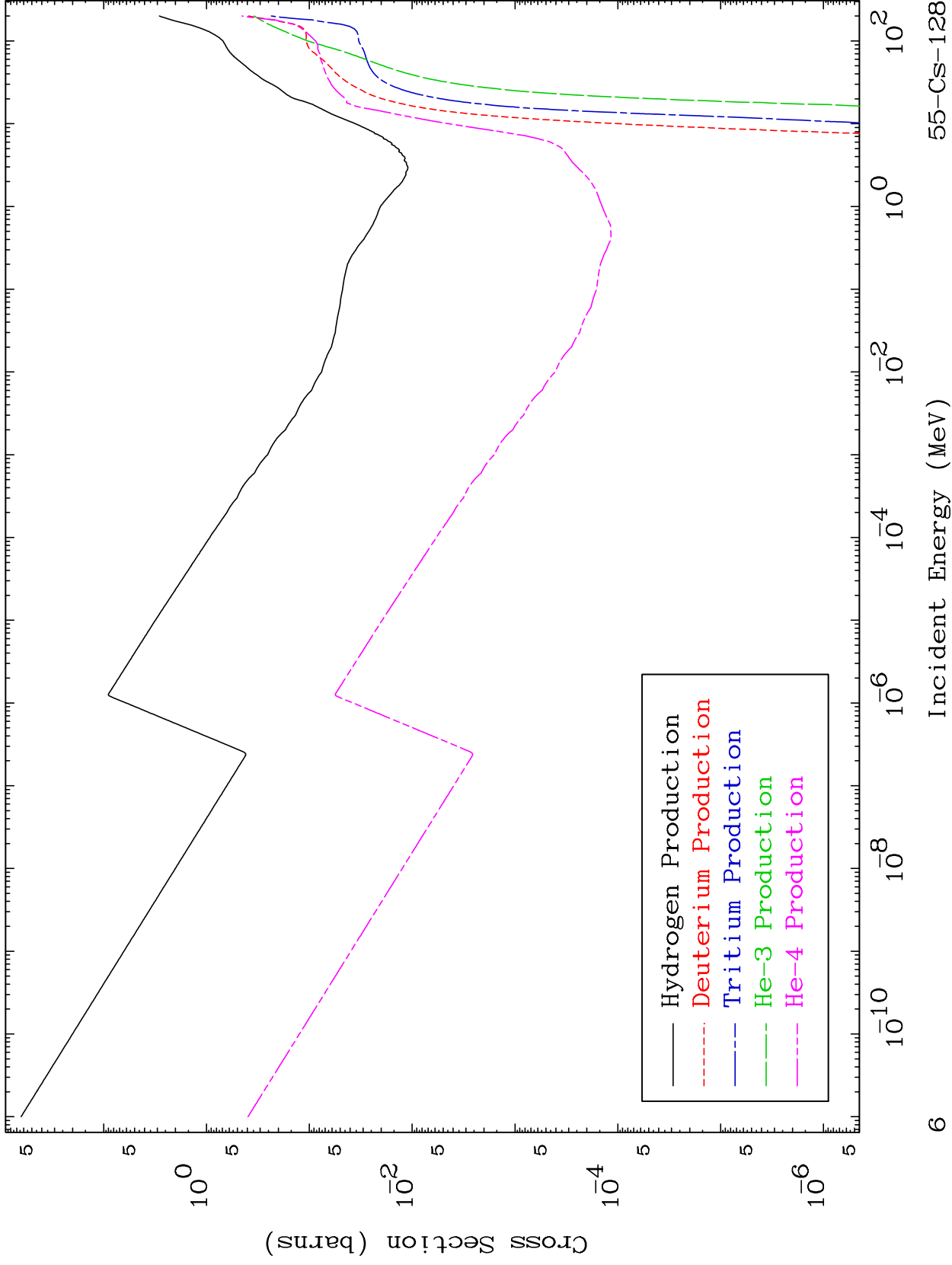


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MAT 5510

Particle Production
293 Kelvin Cross Sections

55-Cs-128

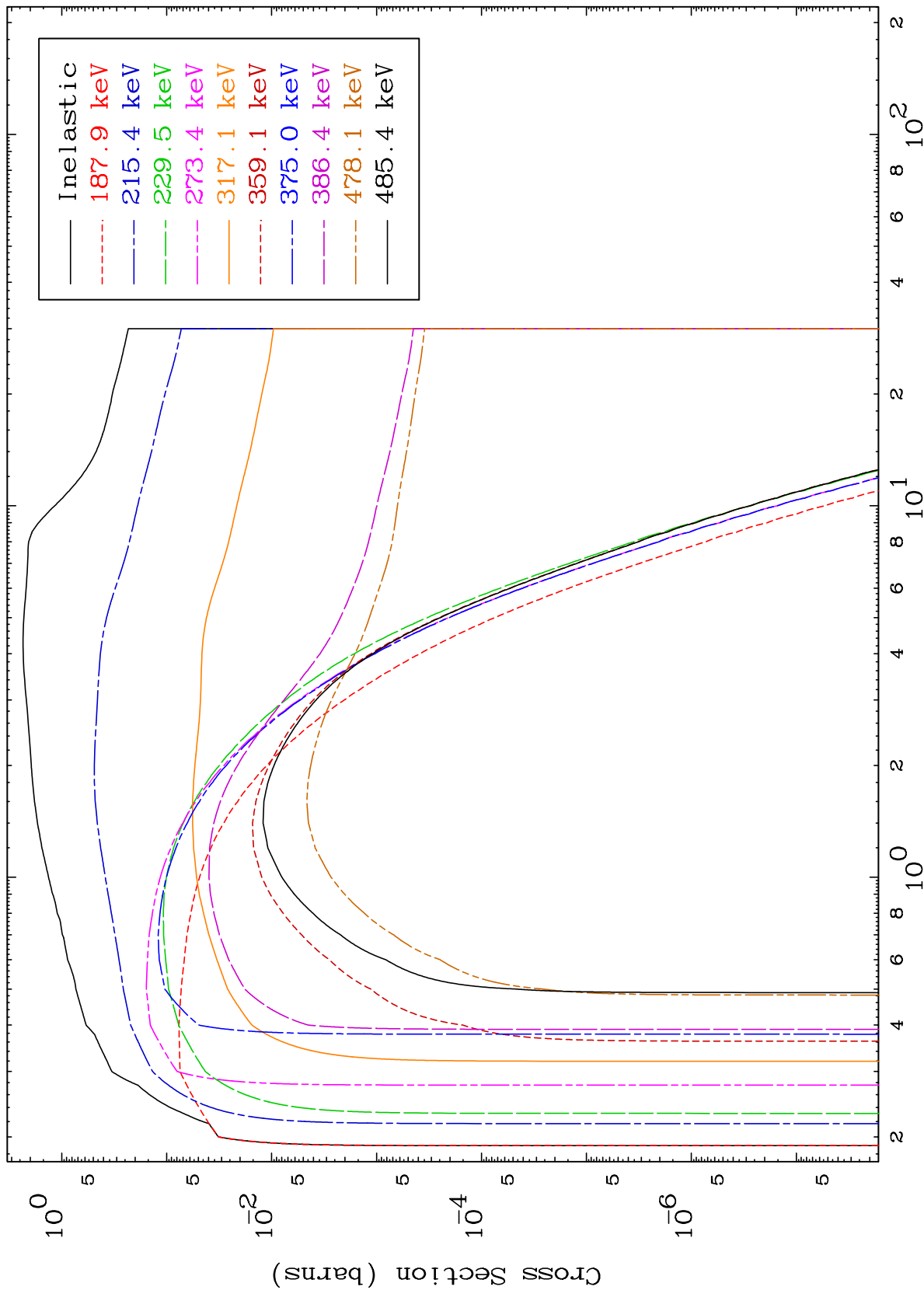


MAT 5510

(n,n') Level

55-Cs-128

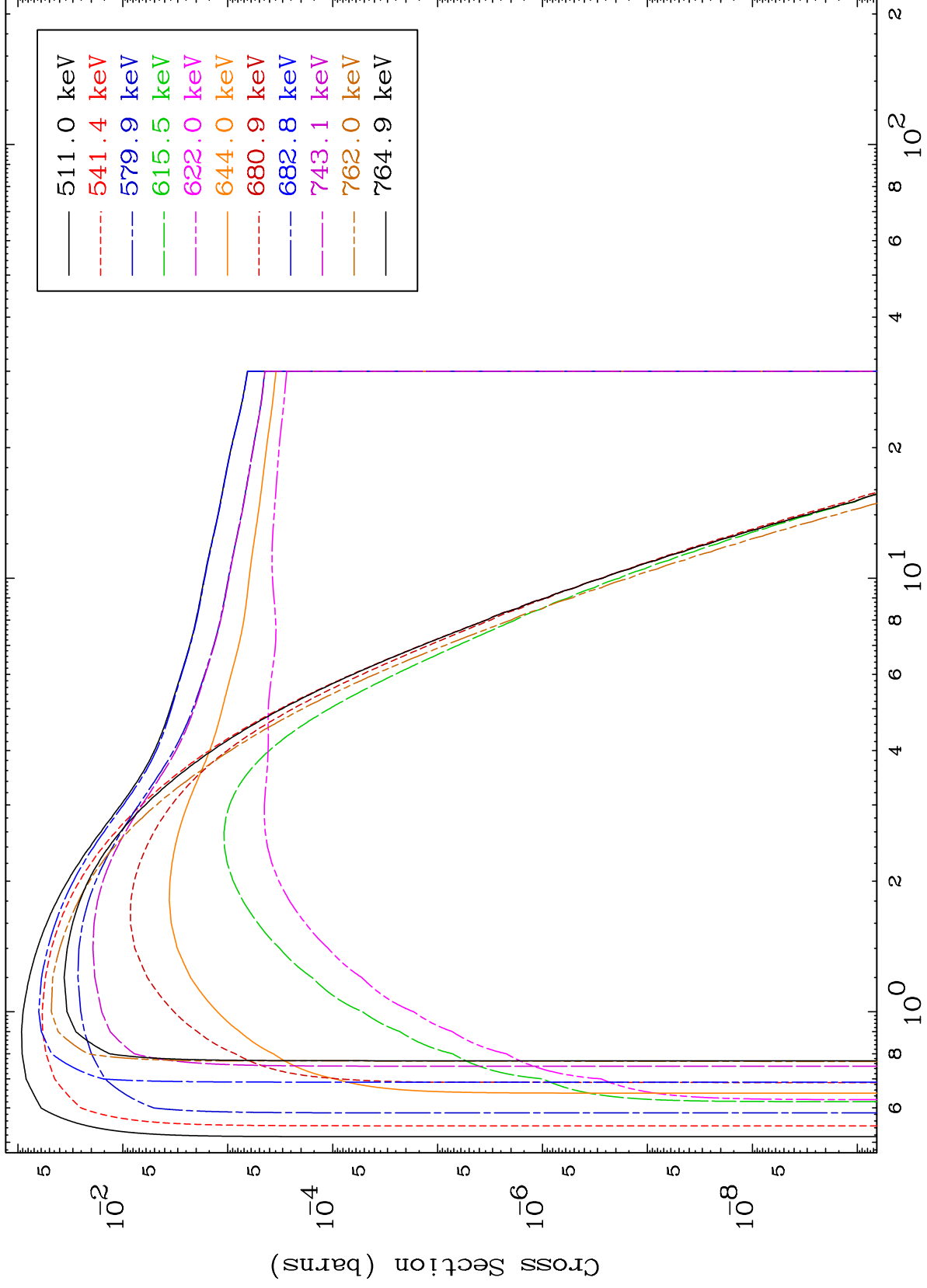
293 Kelvin Cross Sections



MAT 5510

(n,n') Level
293 Kelvin Cross Sections

55-Cs-128



8

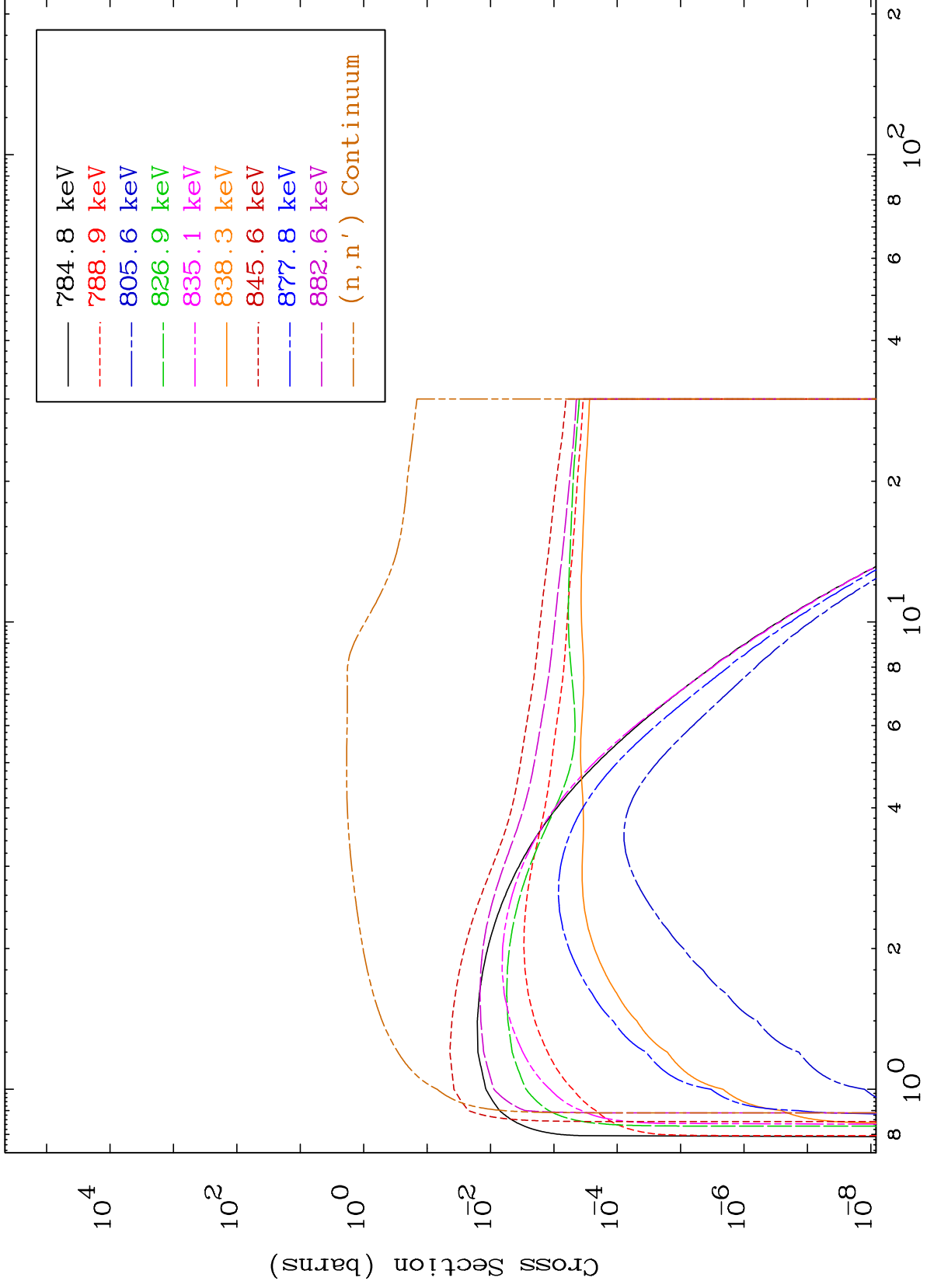
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,n') Level
293 Kelvin Cross Sections

55-Cs-128



9

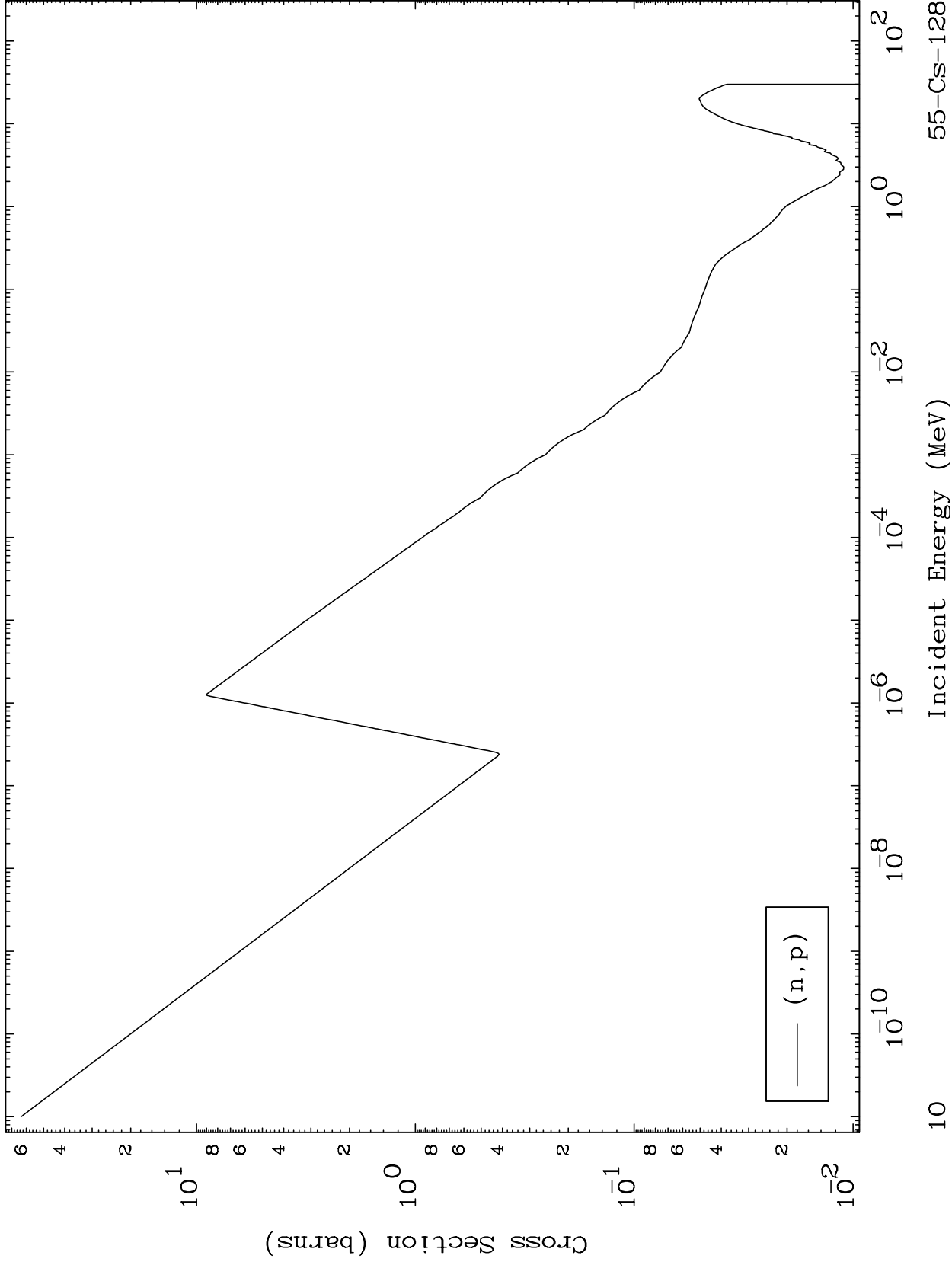
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,p) Levels
293 Kelvin Cross Sections

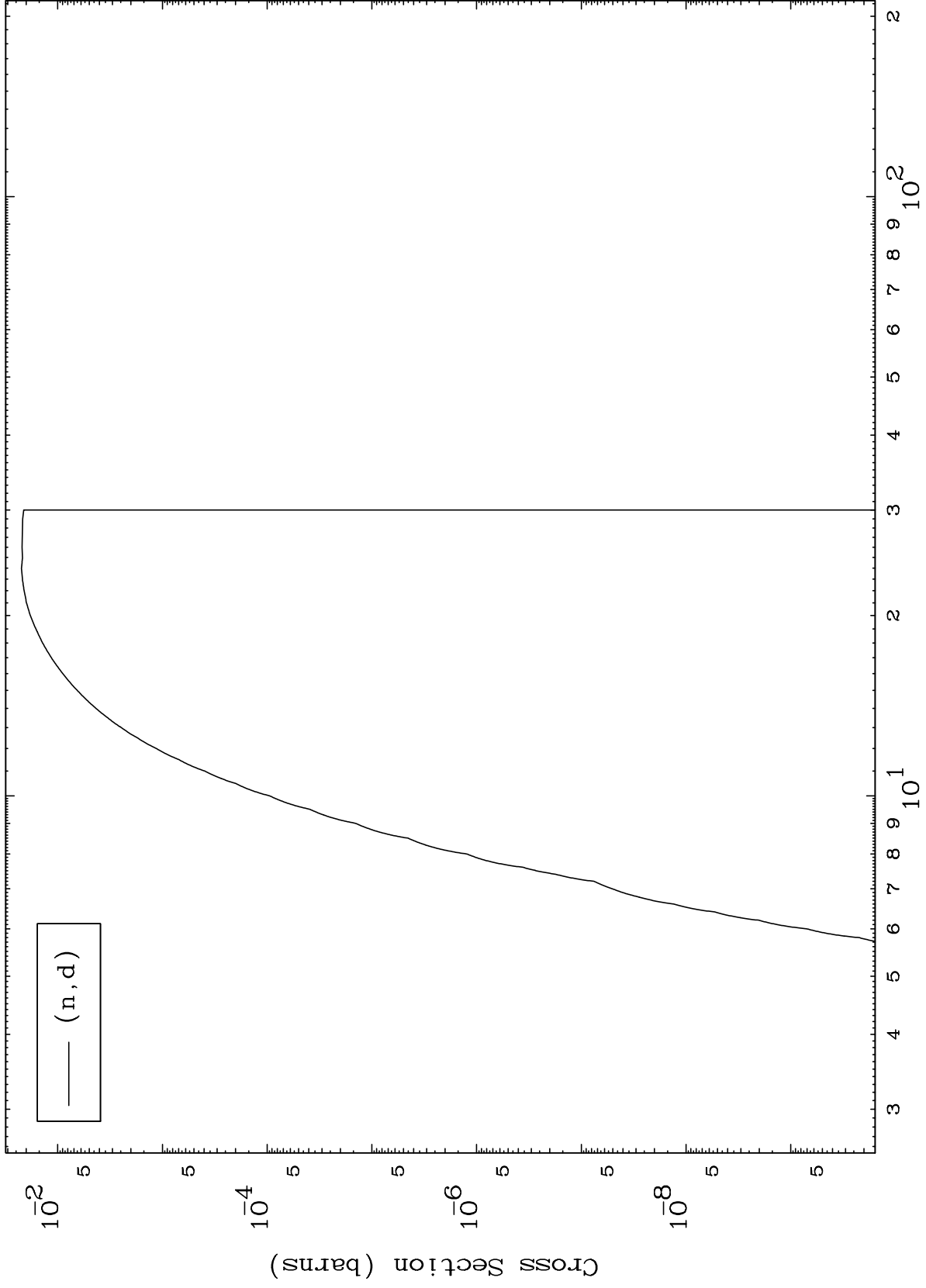
55-Cs-128



MAT 5510

(n,d) Levels
293 Kelvin Cross Sections

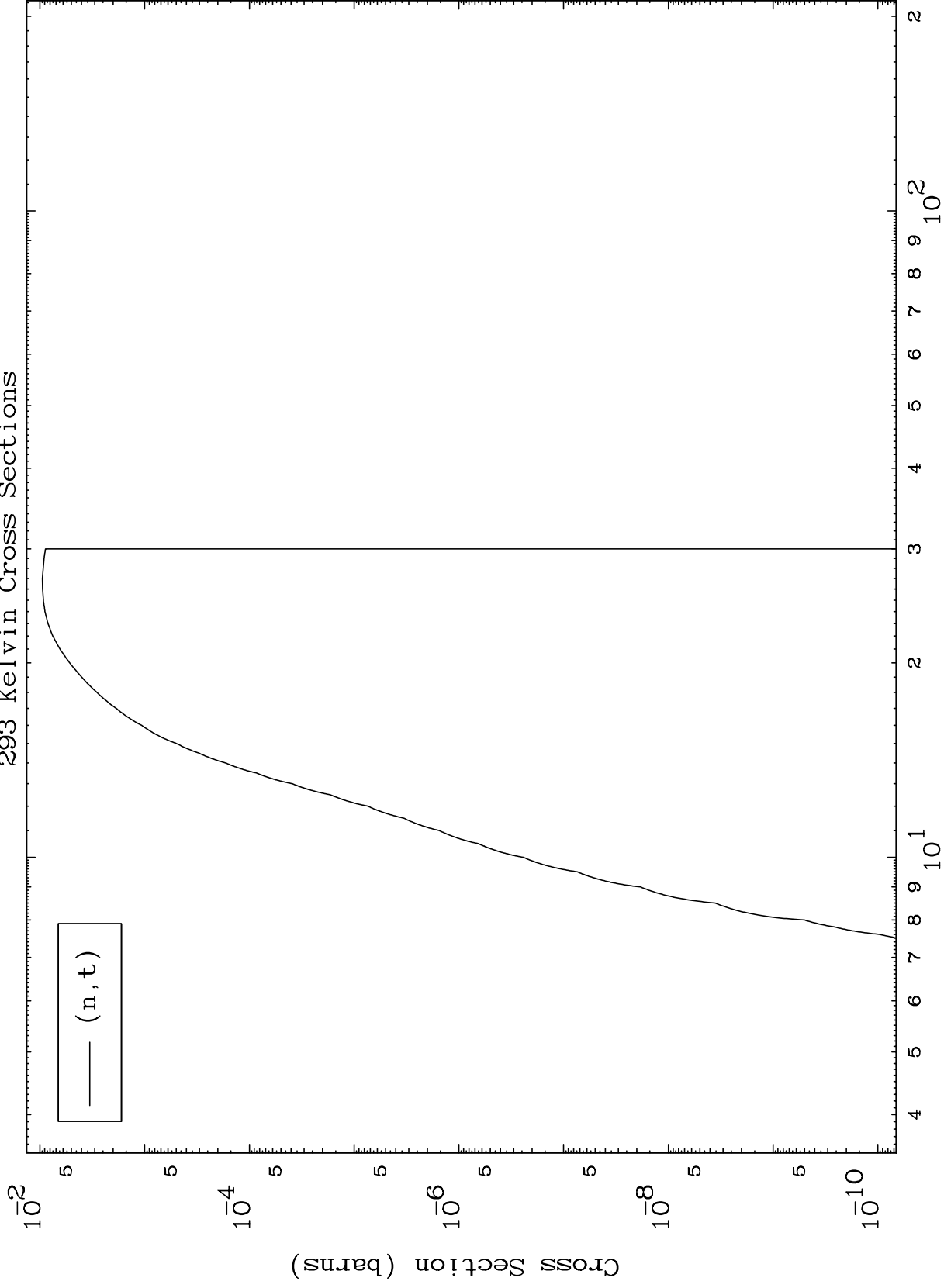
55-Cs-128



MAT 5510

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-128



12

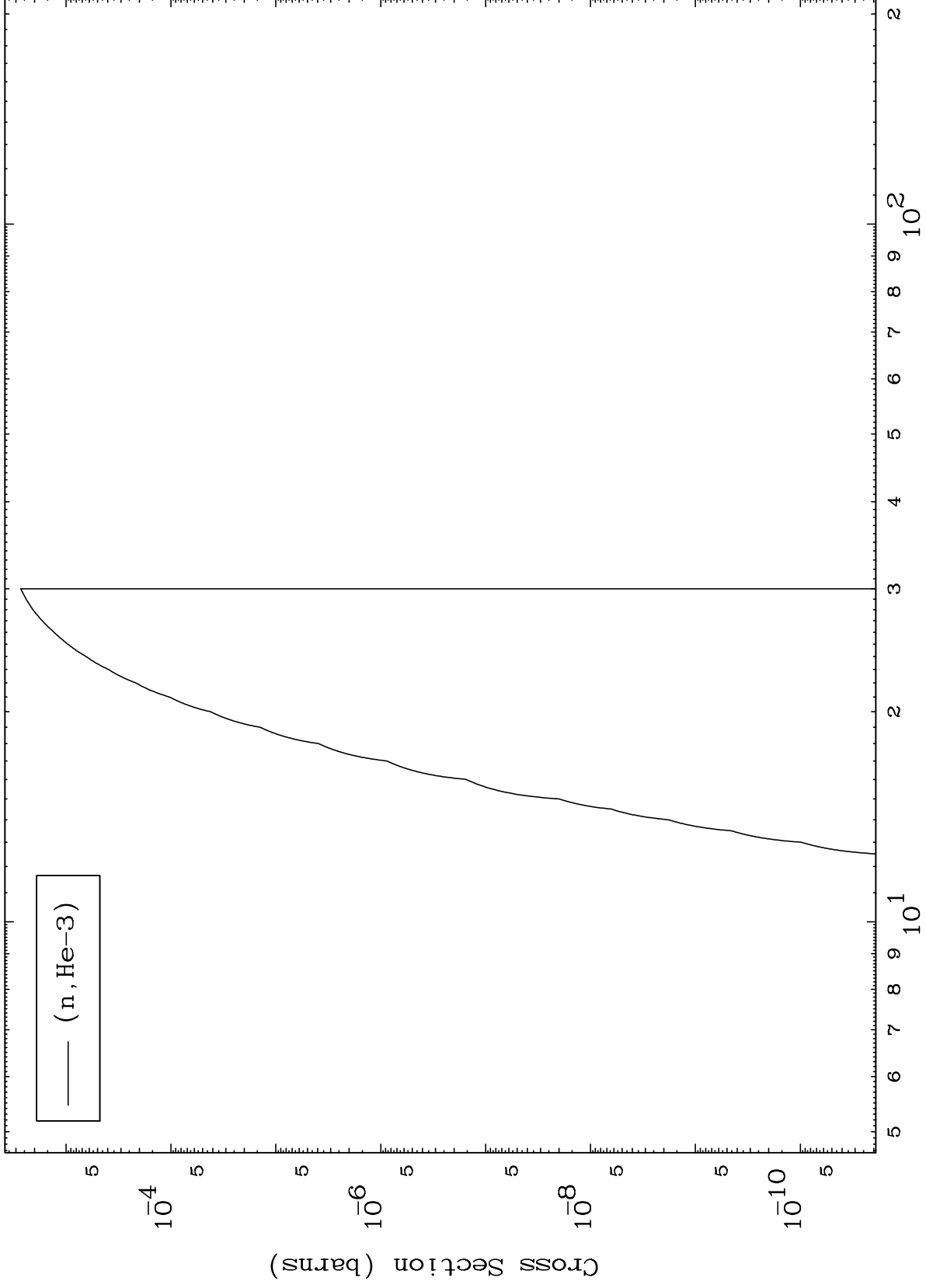
Incident Energy (MeV)

55-Cs-128

MAT 5510

(n,He3) Levels
293 Kelvin Cross Sections

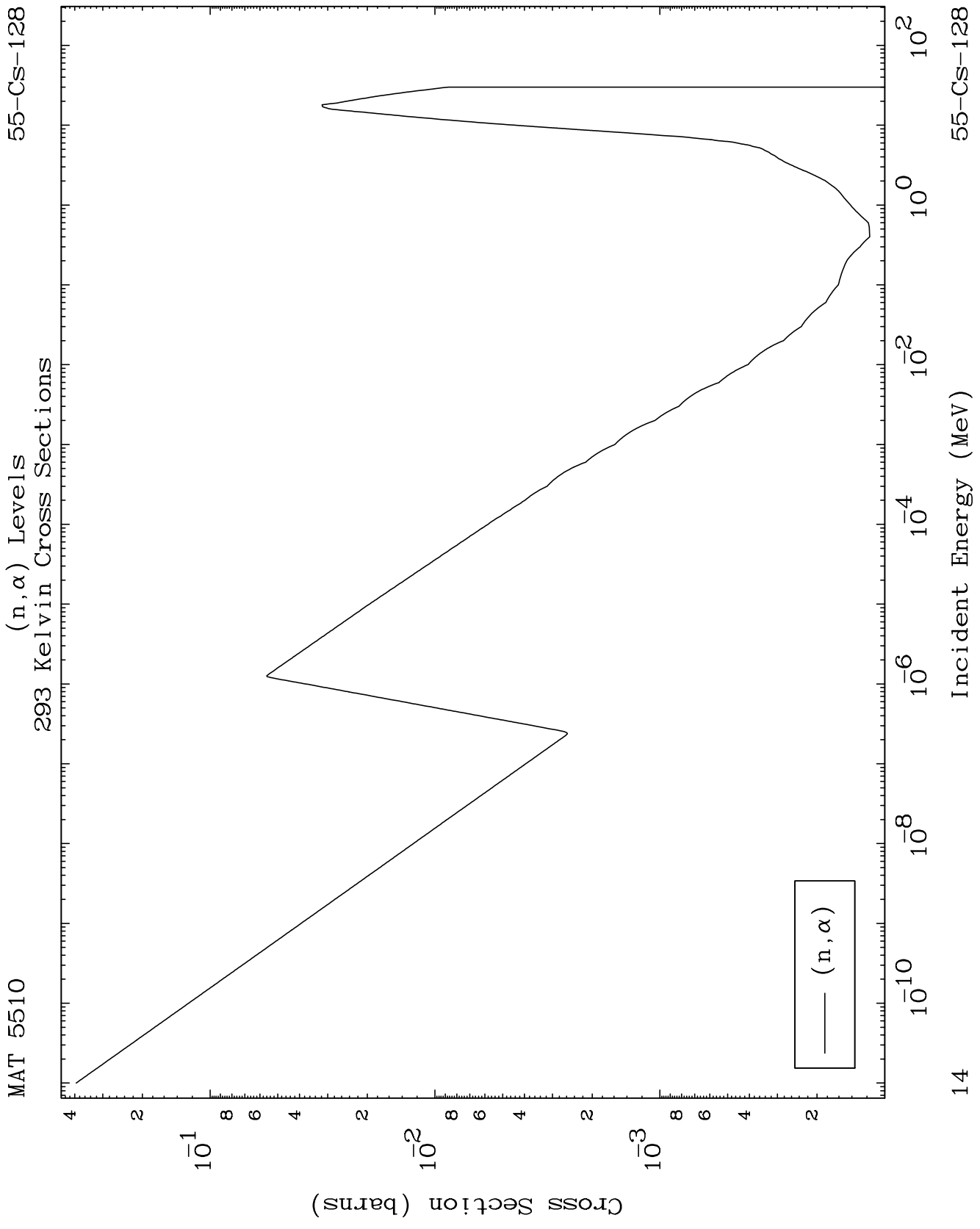
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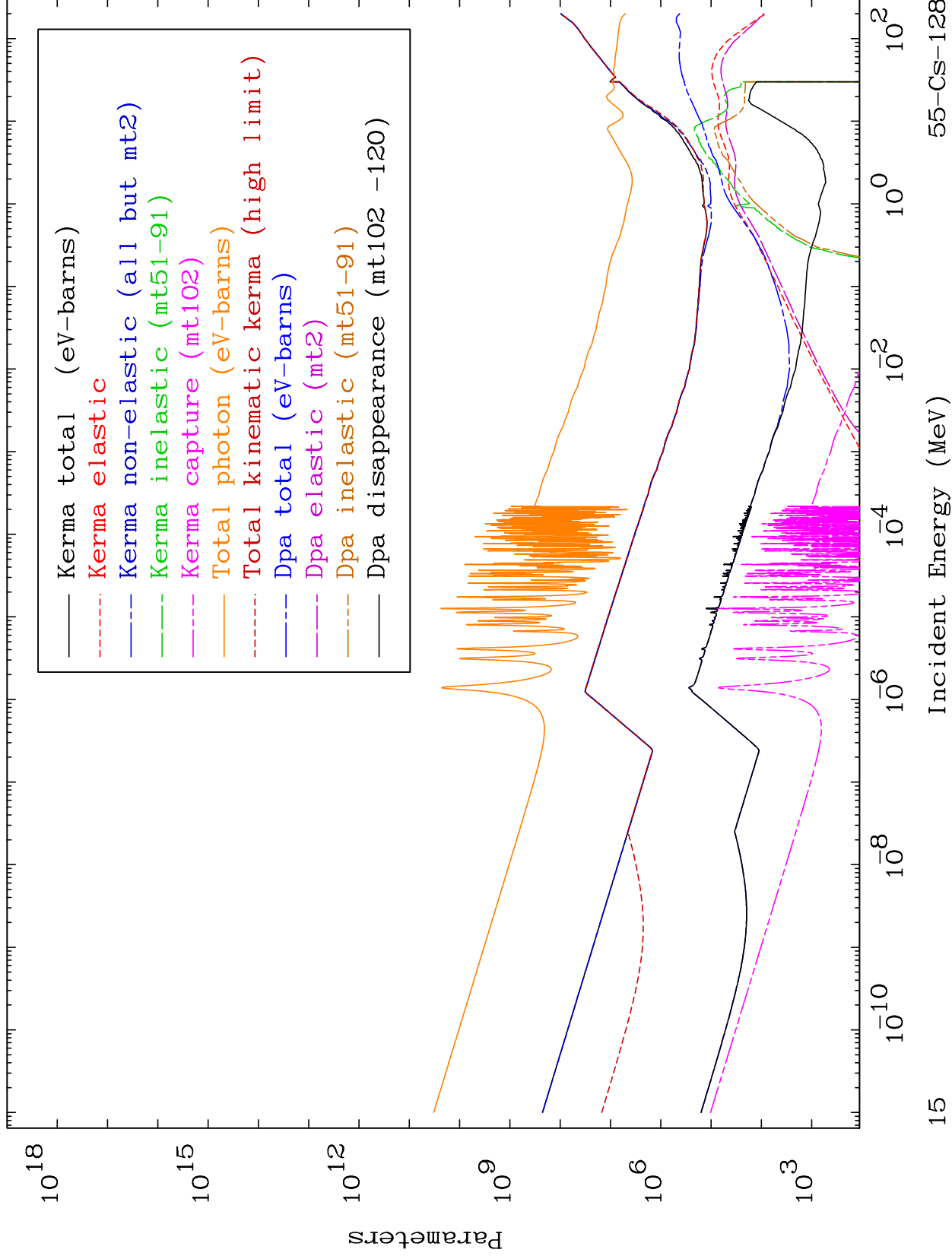


13

Incident Energy (MeV)

55-Cs-128

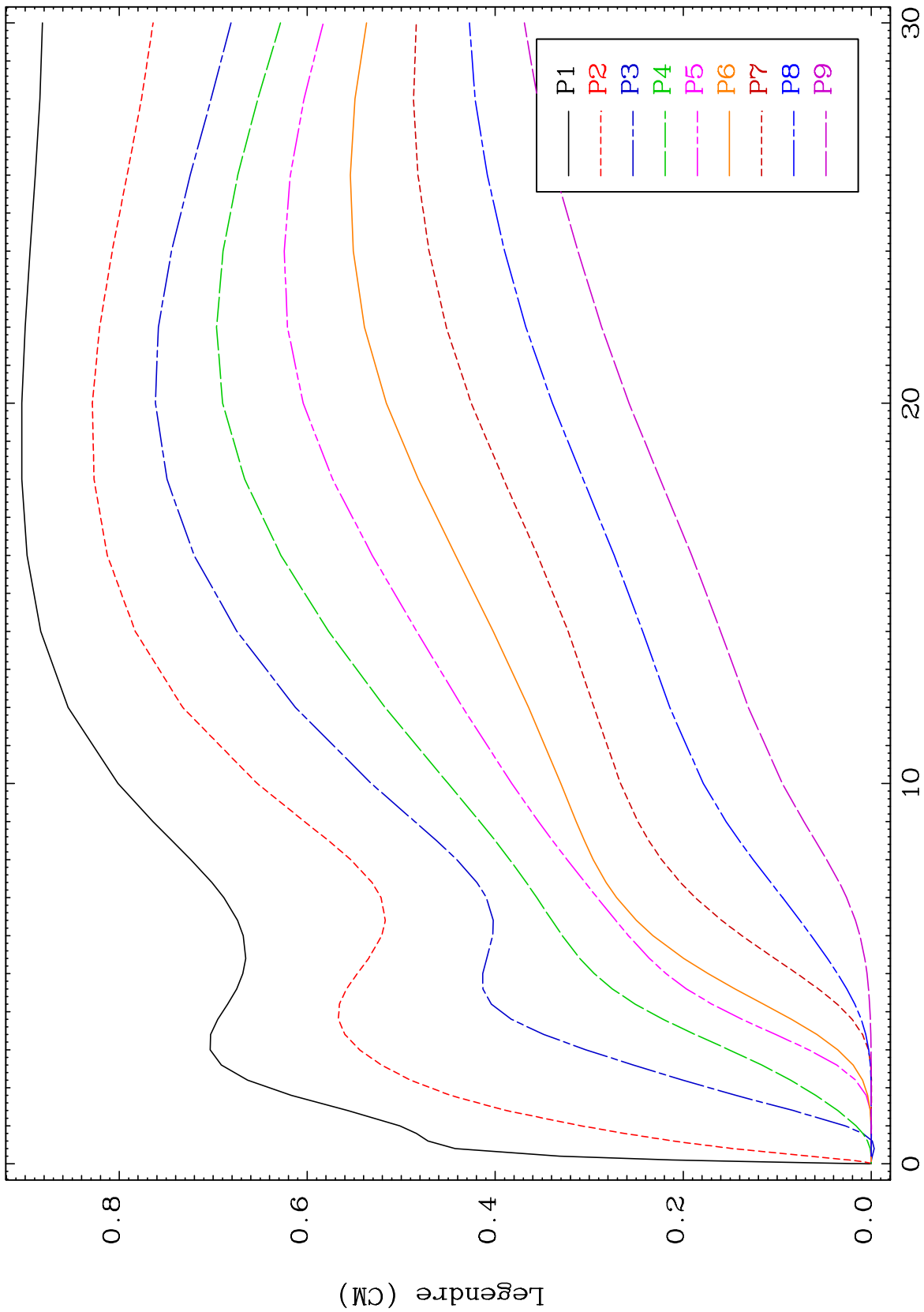




MAT 5510

55-Cs-128

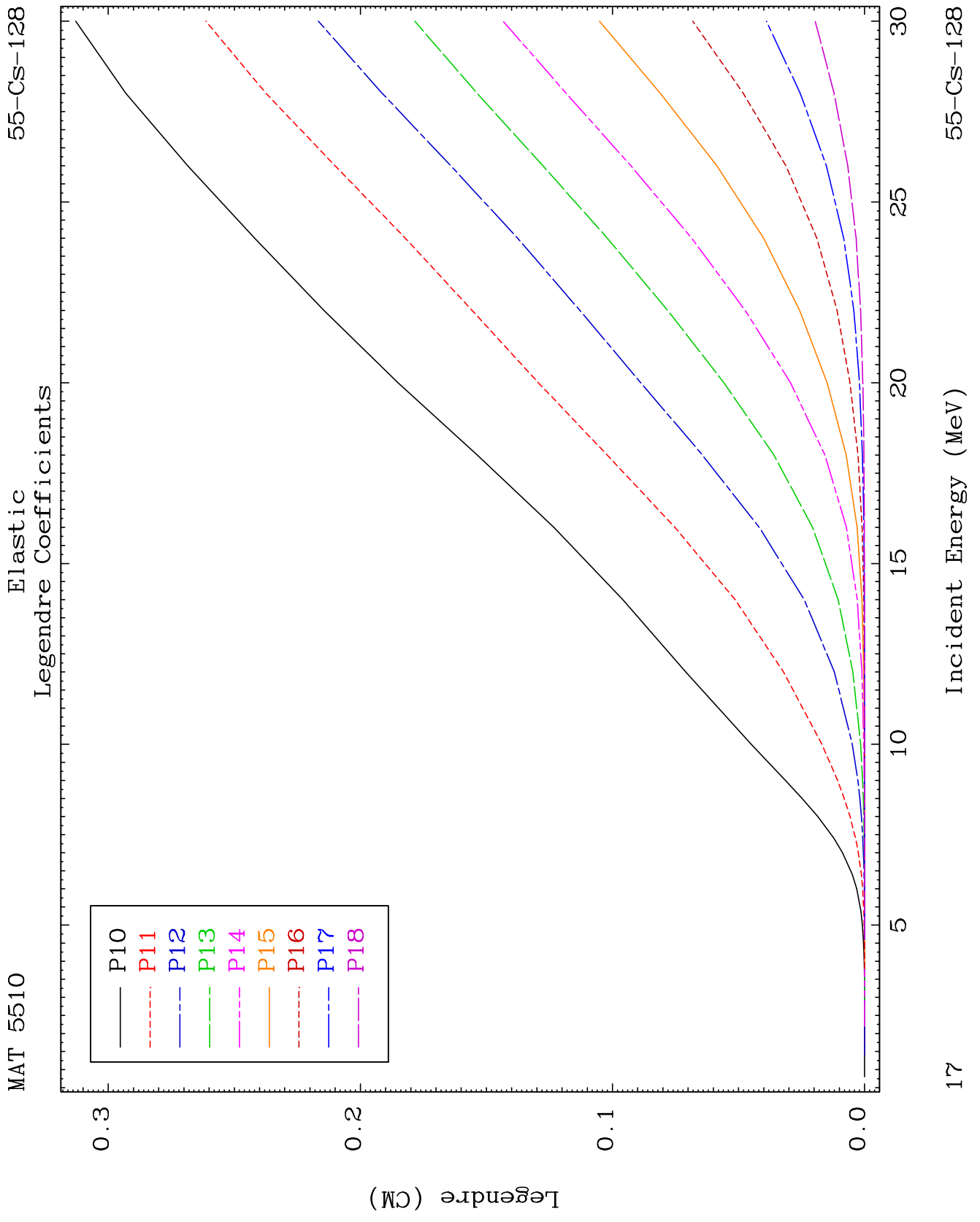
Elastic Legendre Coefficients



16

Incident Energy (MeV)

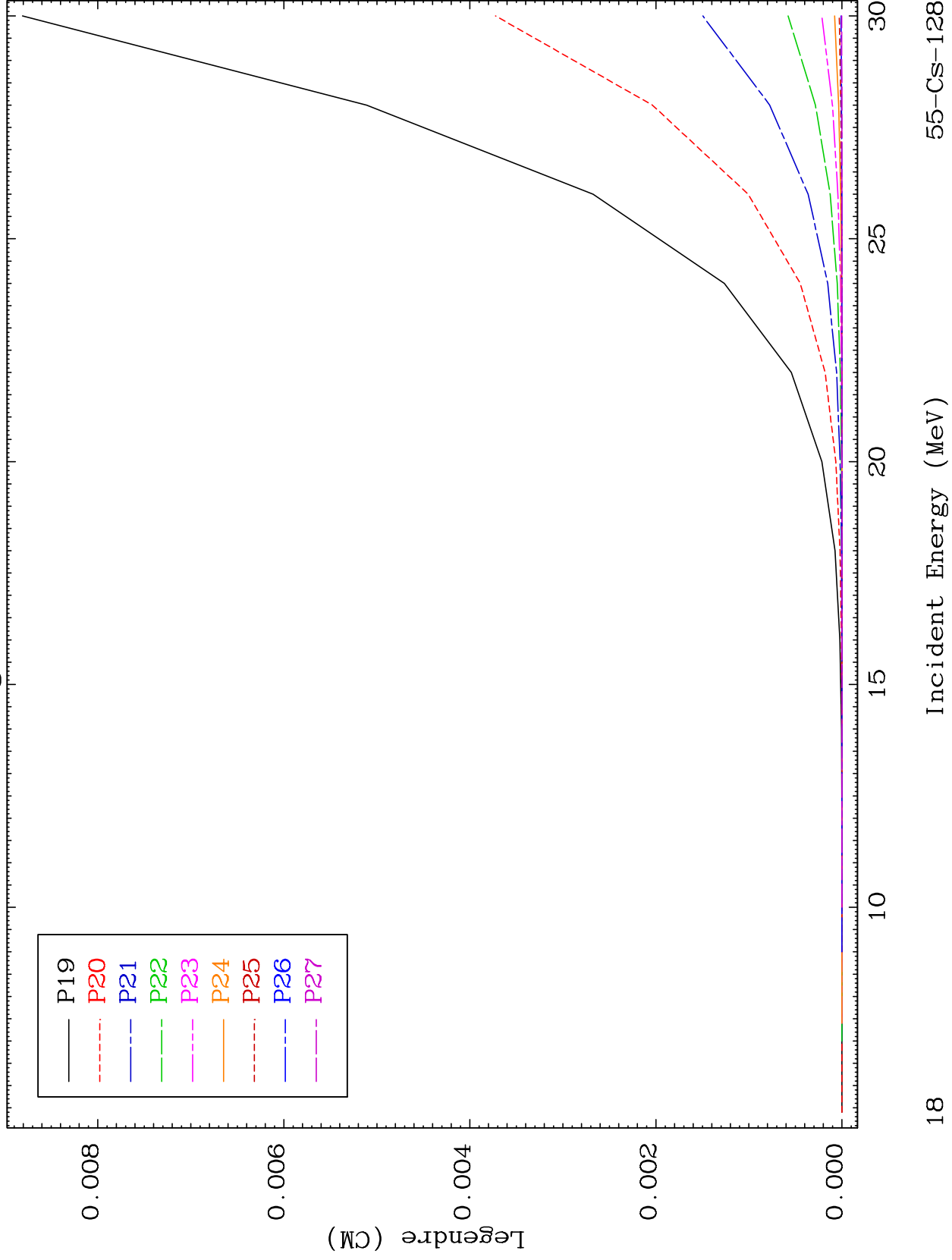
55-Cs-128



MAT 5510

Elastic Legendre Coefficients

55-Cs-128



18

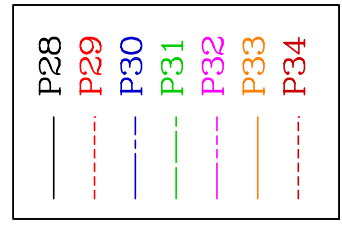
Incident Energy (MeV)

55-Cs-128

MAT 5510

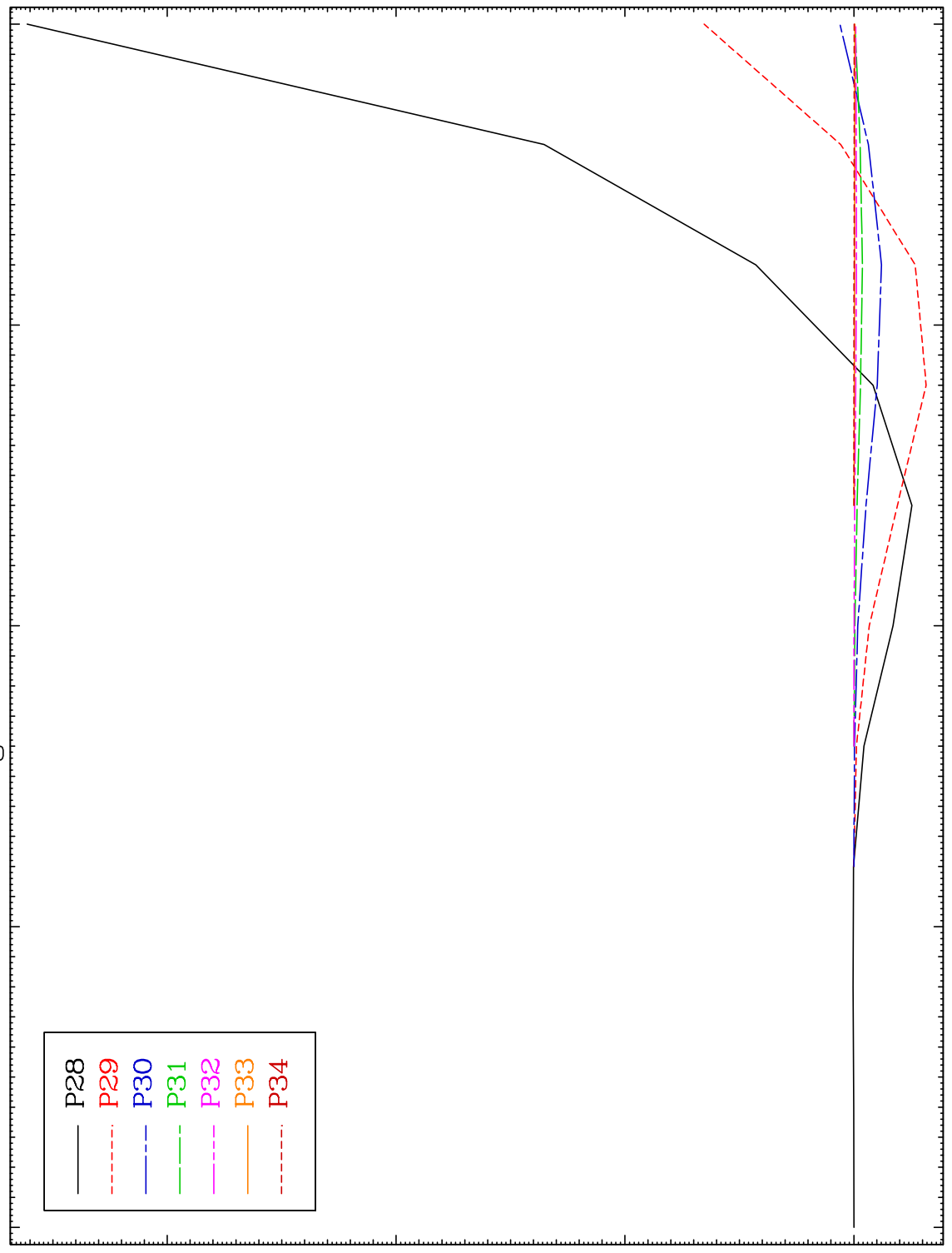
Elastic Legendre Coefficients

55-Cs-128



$\times 10^{-7}$

Legendre (CM)



30

25

20

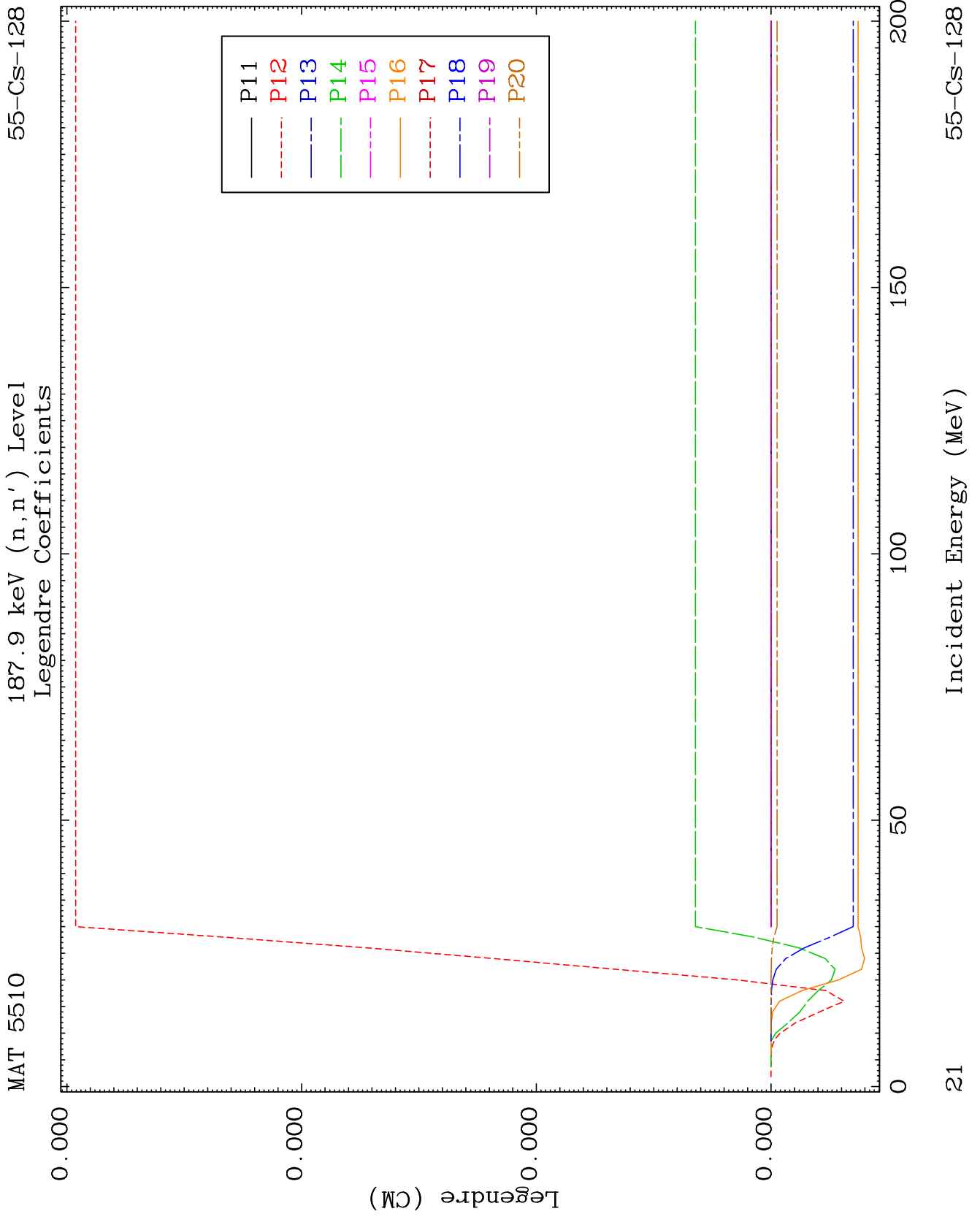
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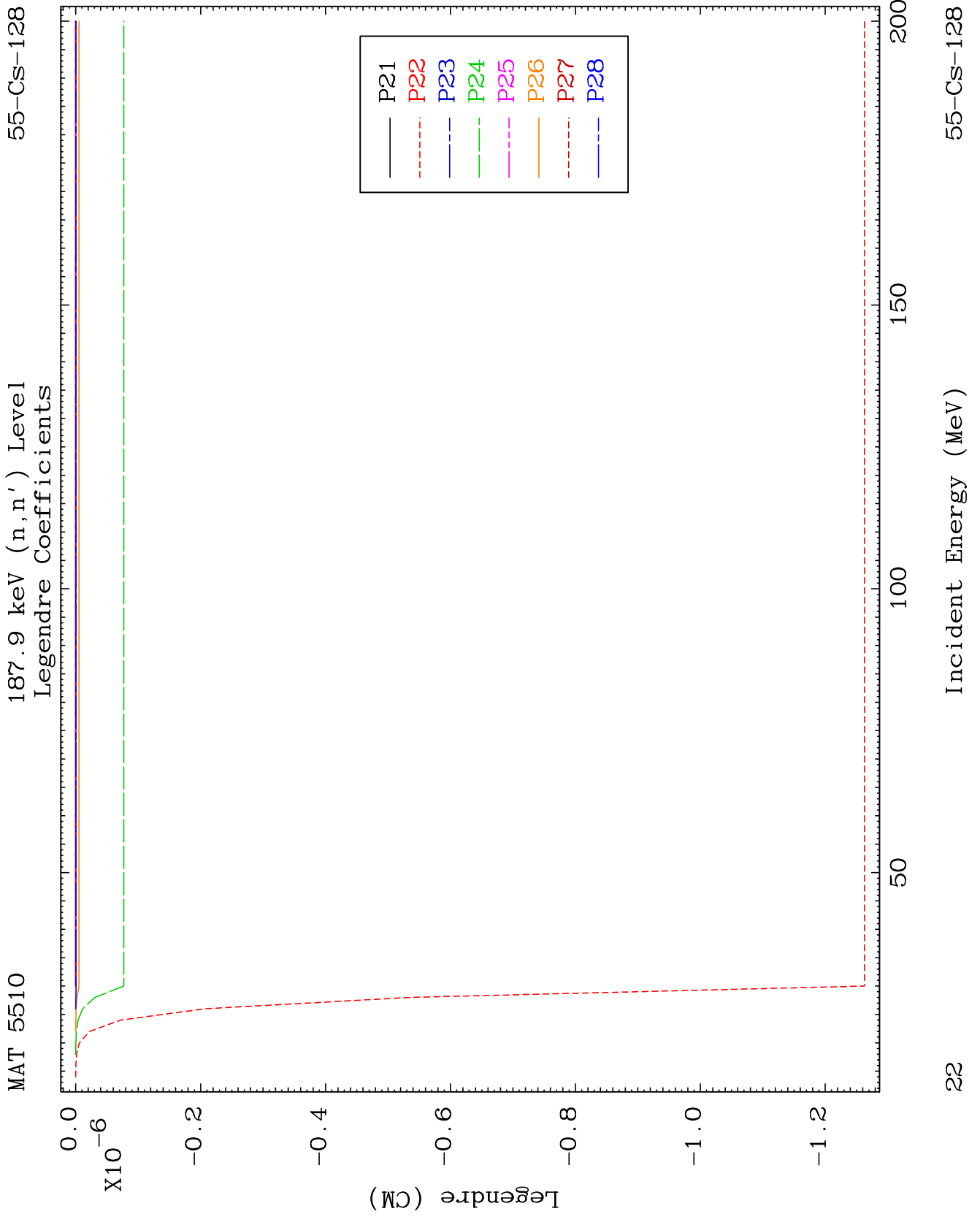
10

Incident Energy (MeV)

55-Cs-128

19

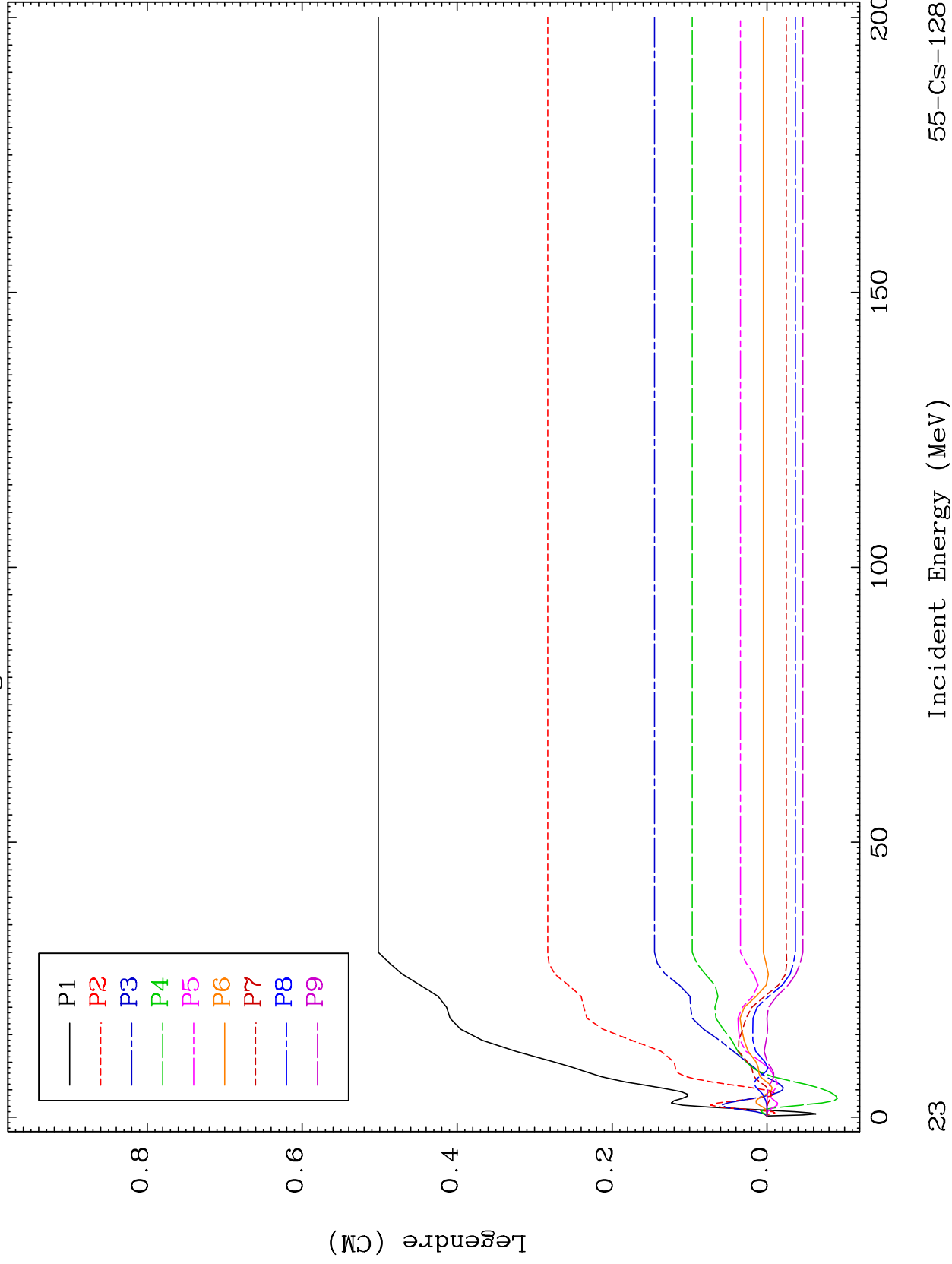




MAT 5510

215.4 keV (n,n') Level
Legendre Coefficients

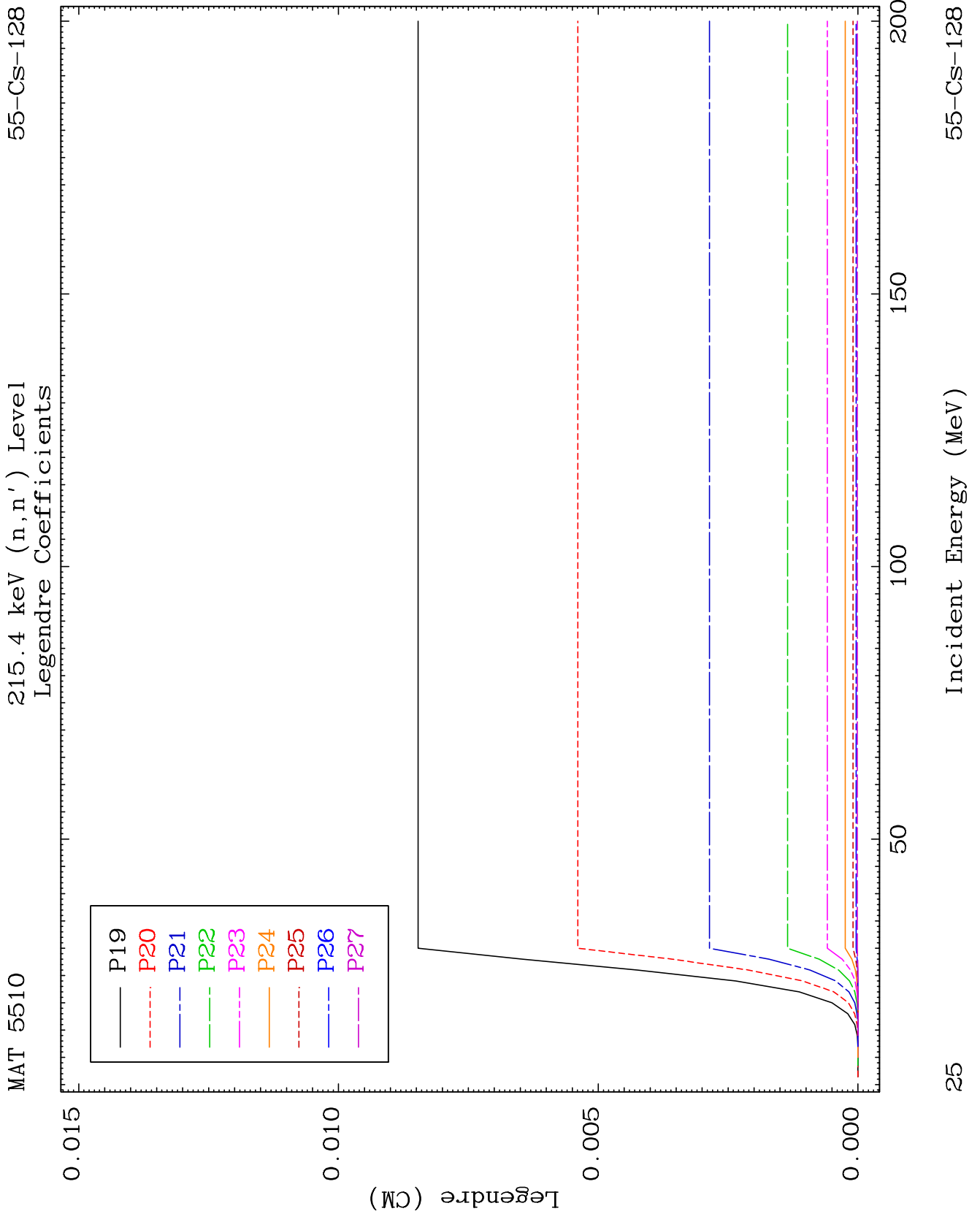
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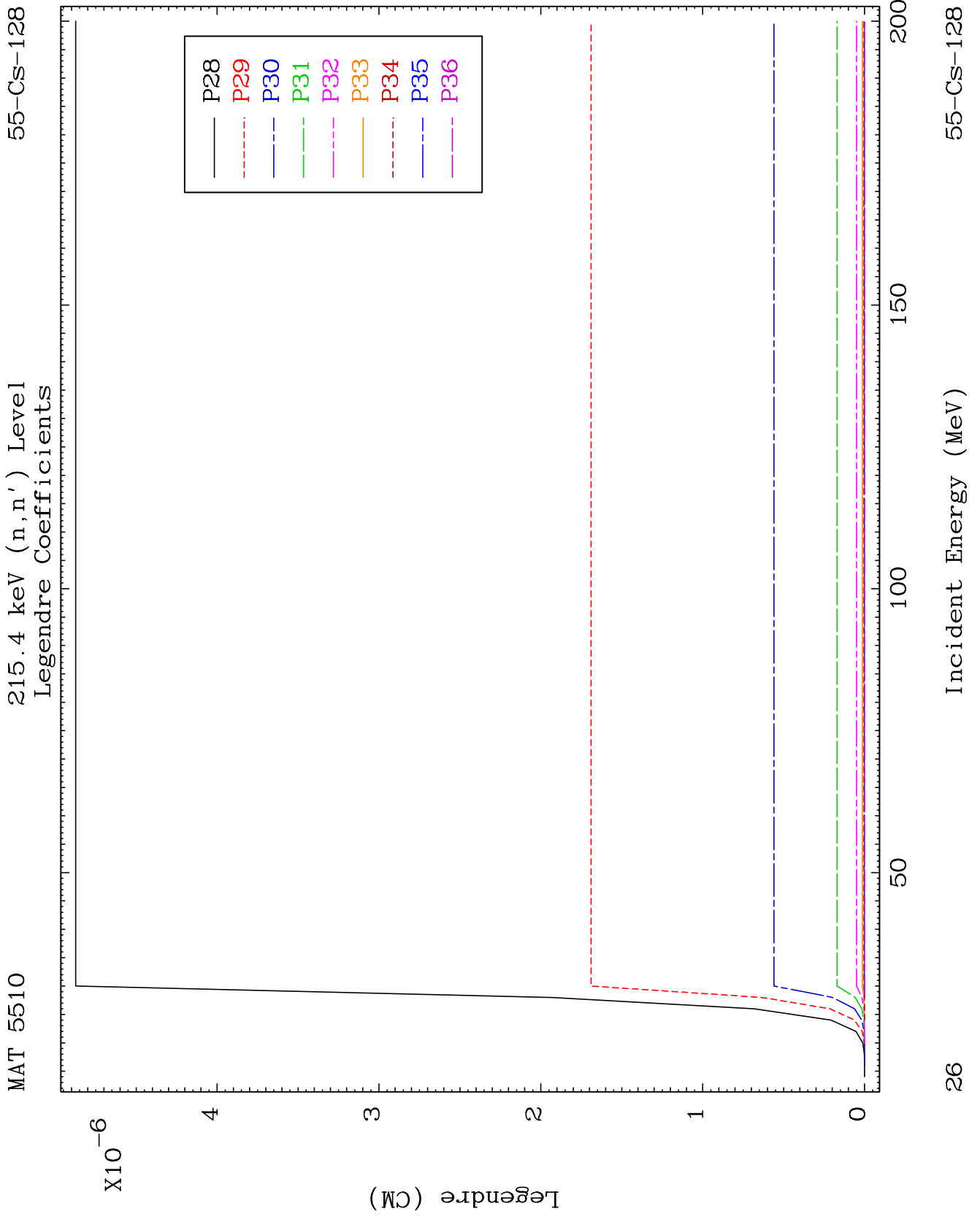


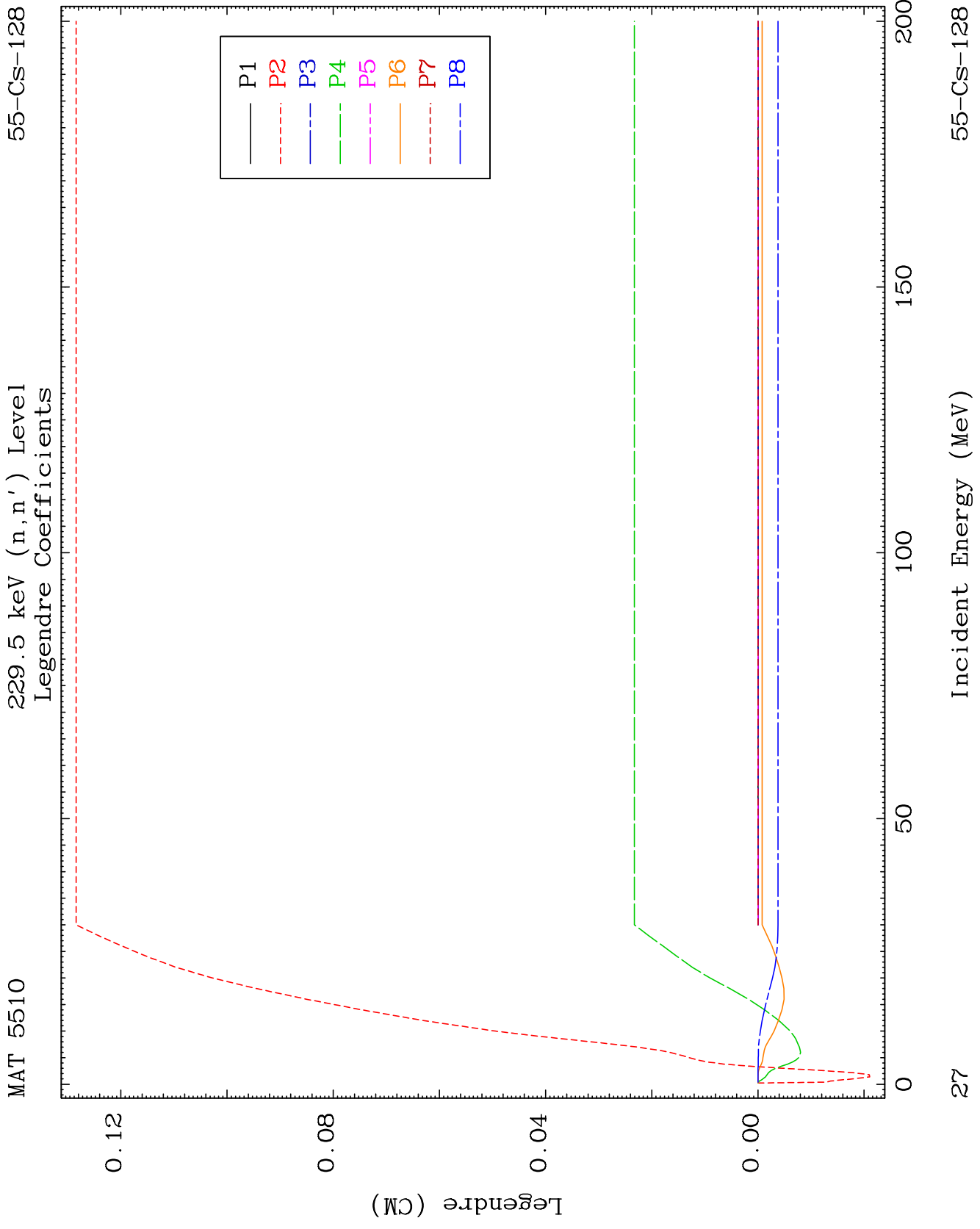
23

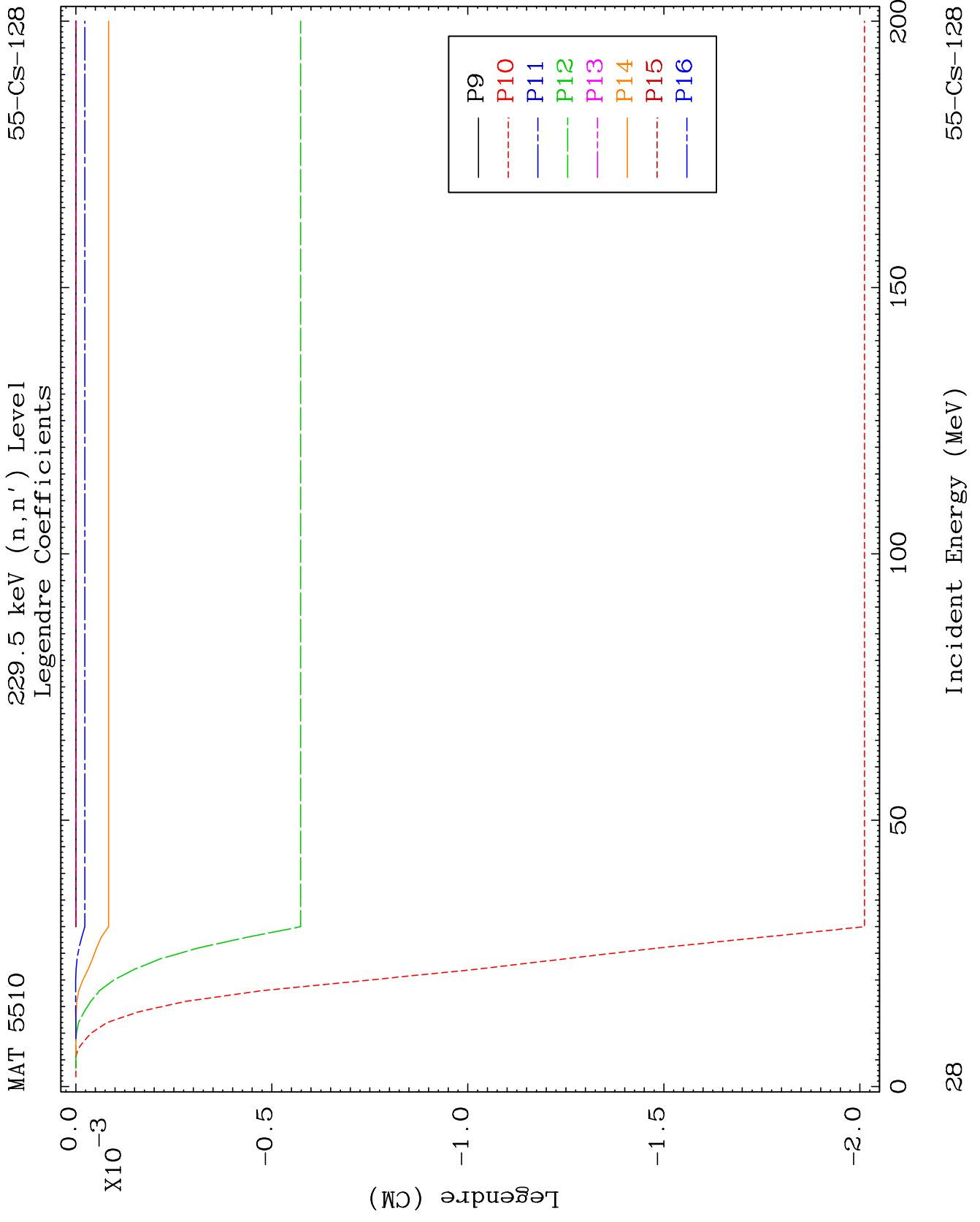
Incident Energy (MeV)

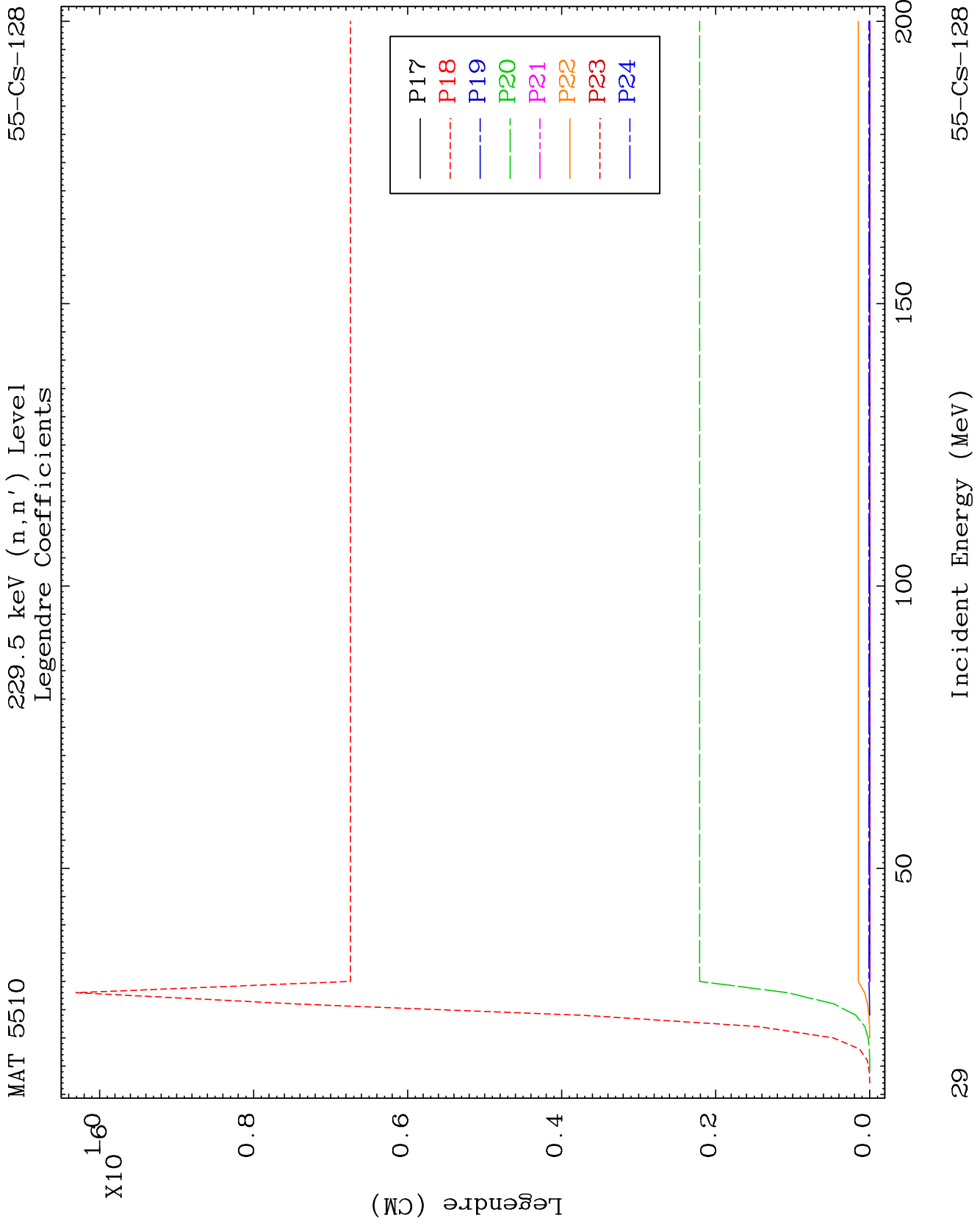
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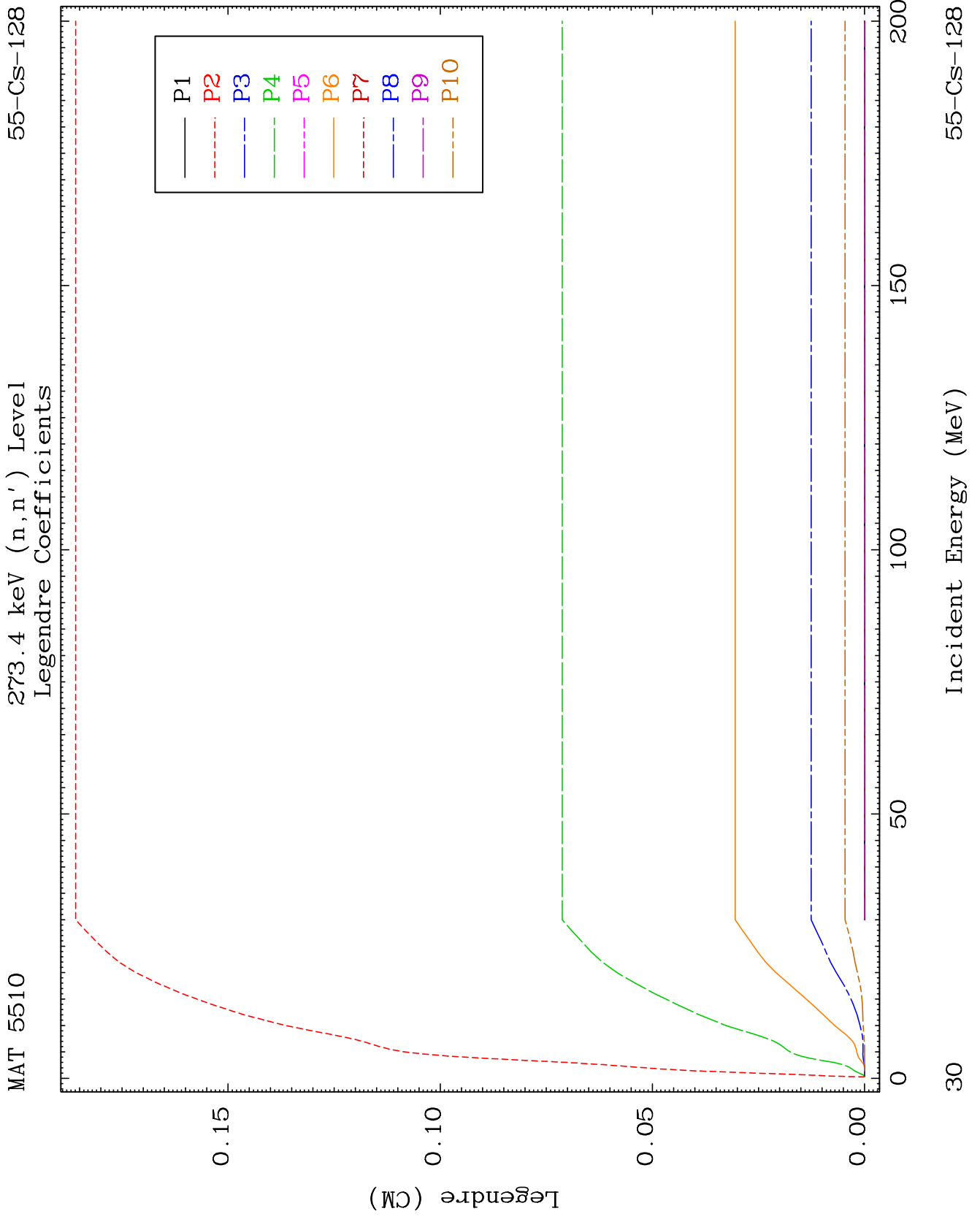


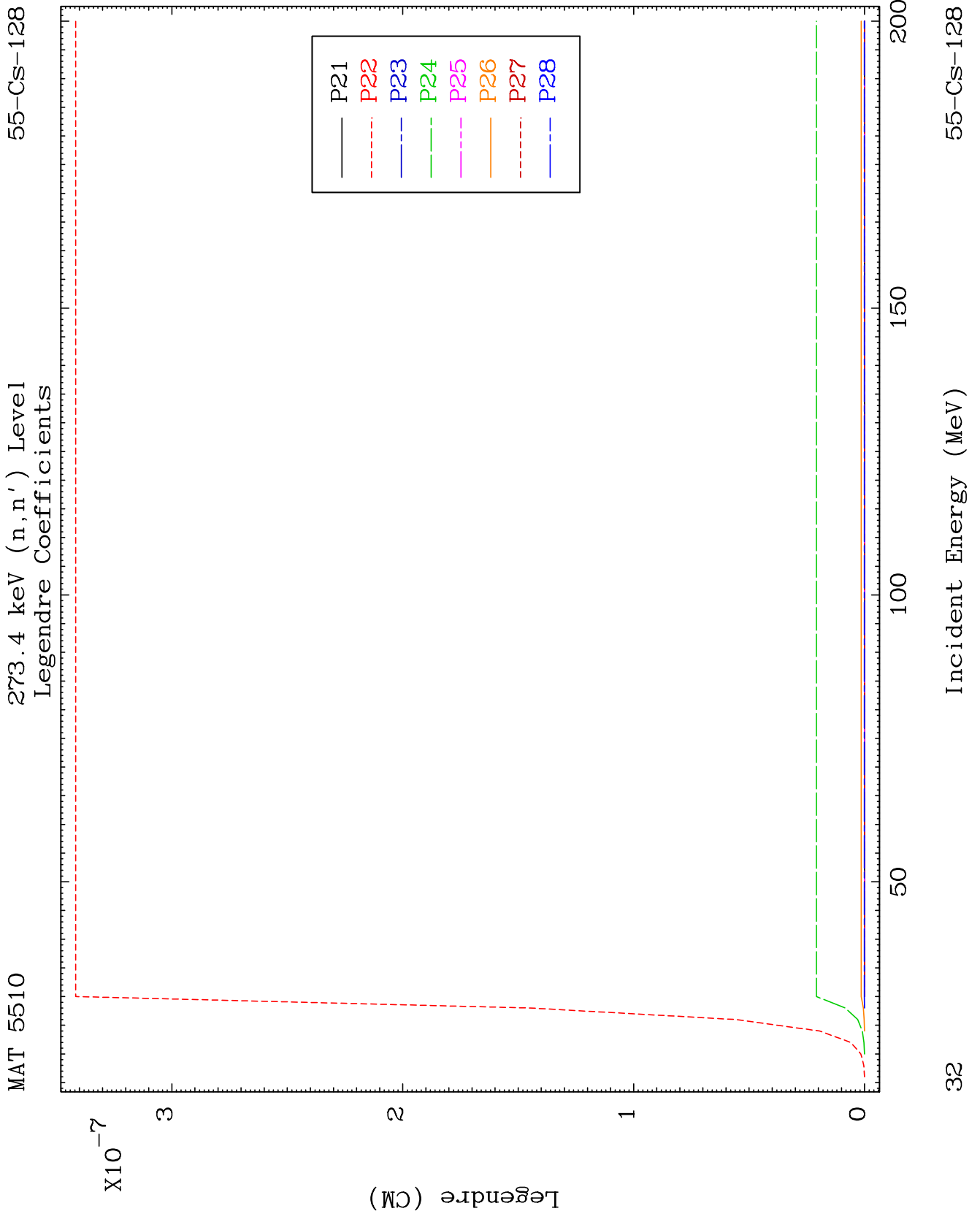


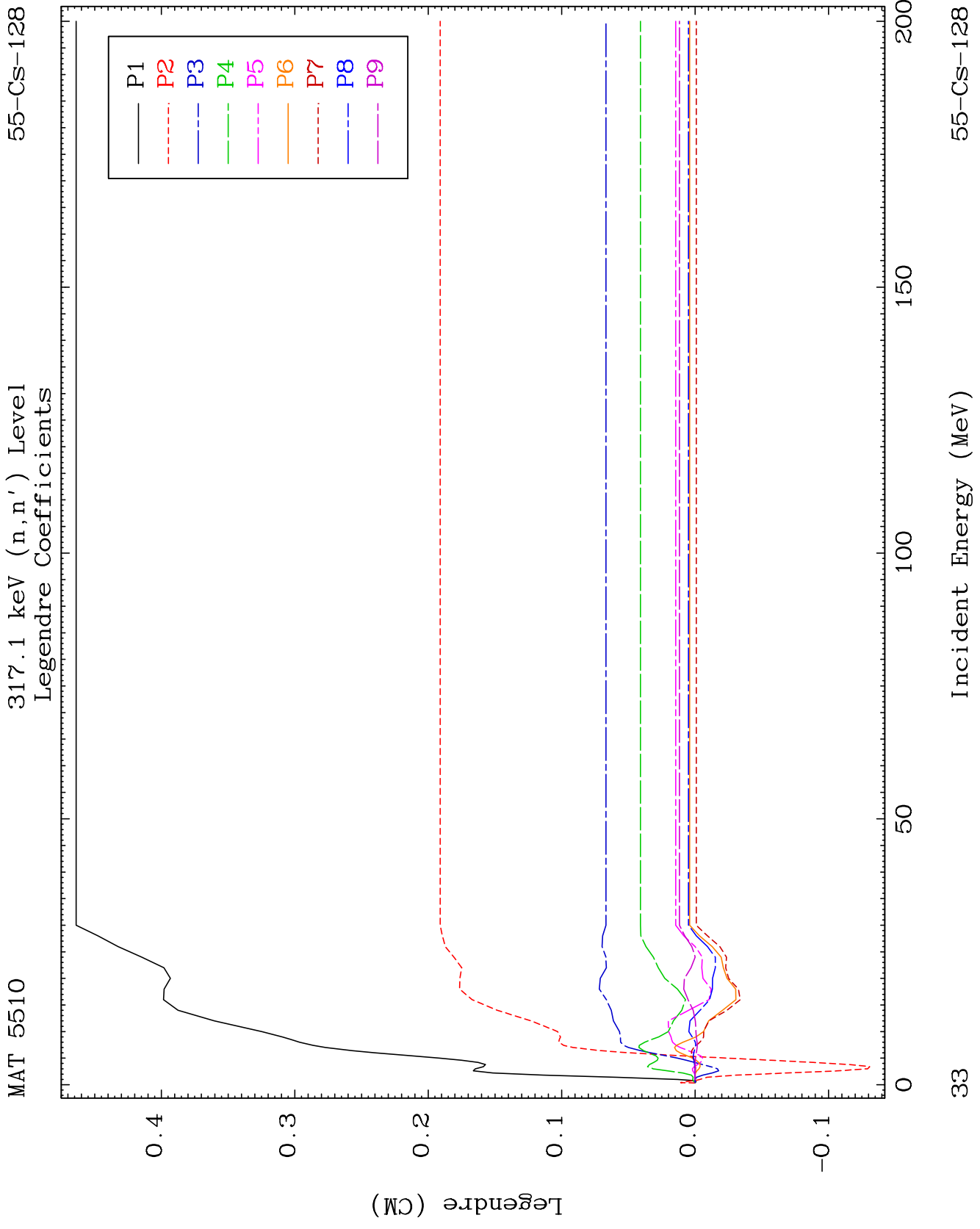








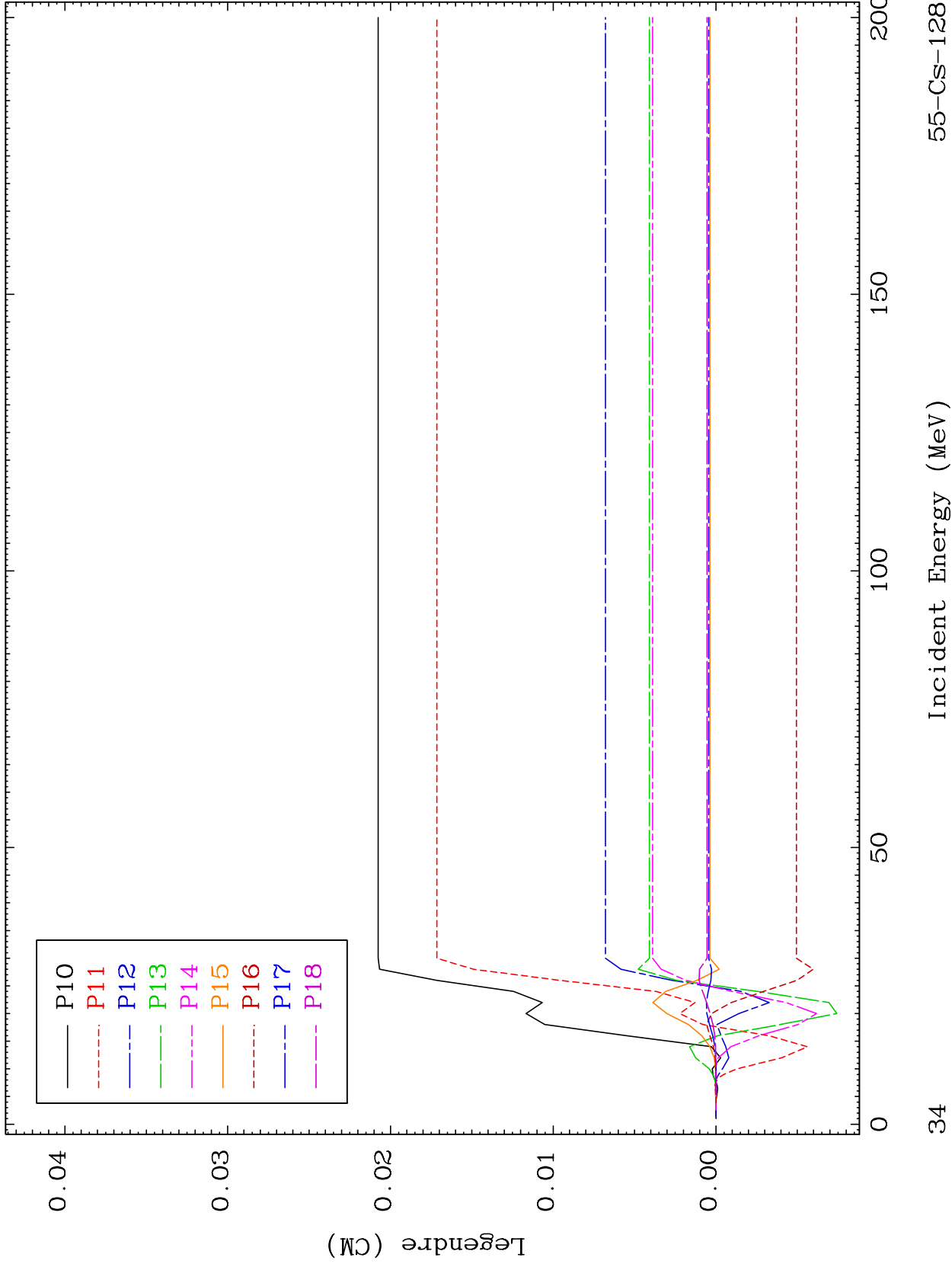




MAT 5510

317.1 keV (n,n') Level
Legendre Coefficients

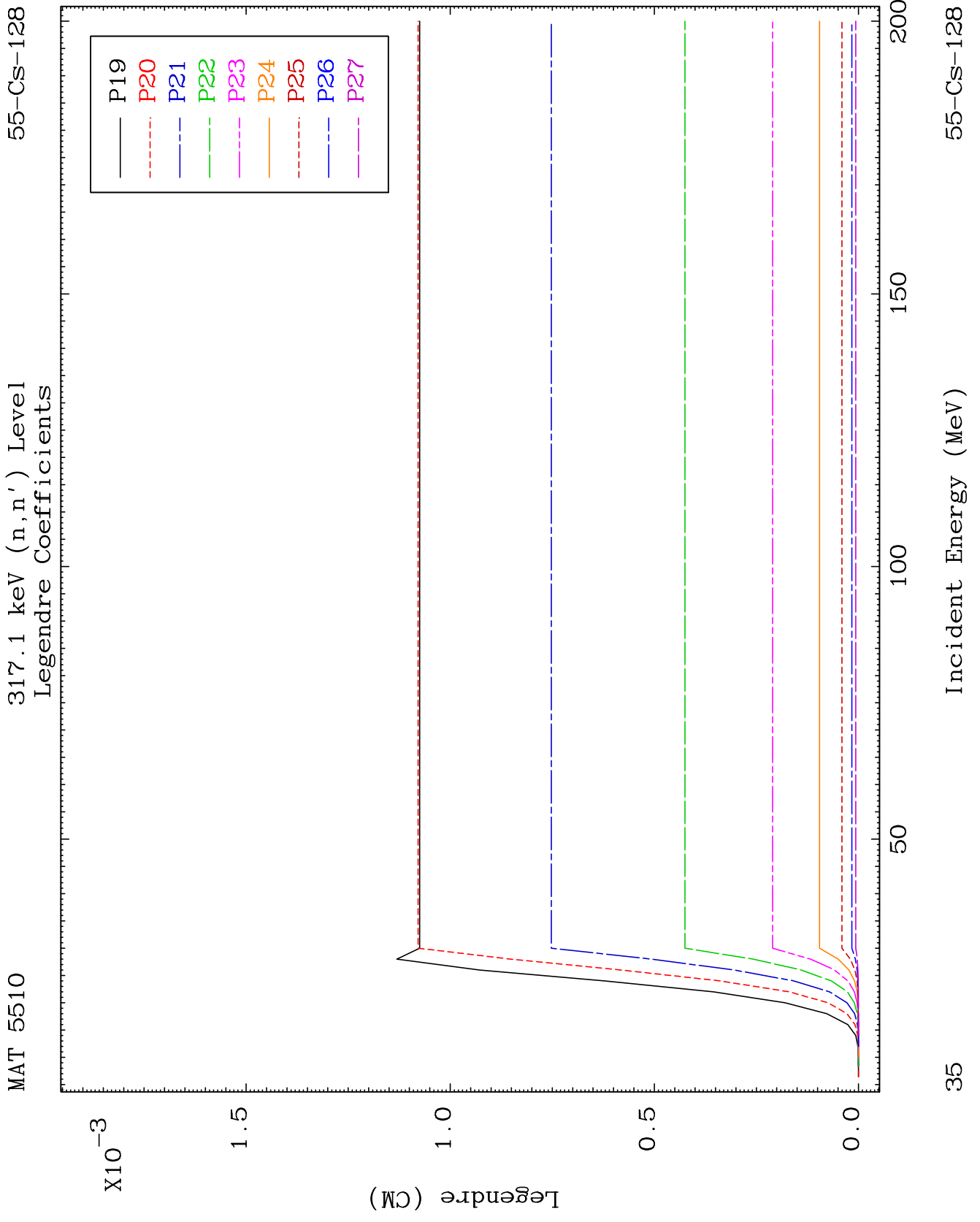
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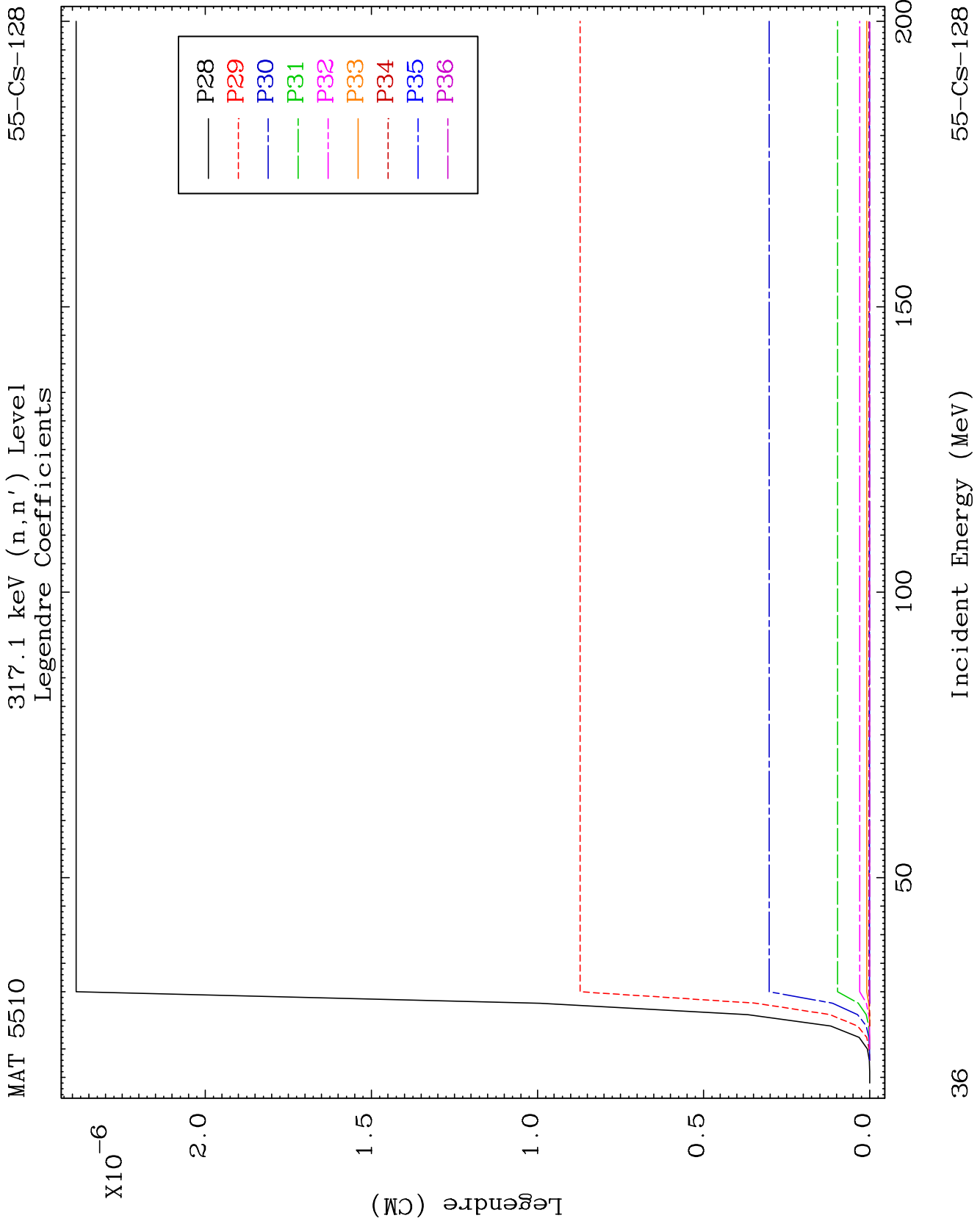


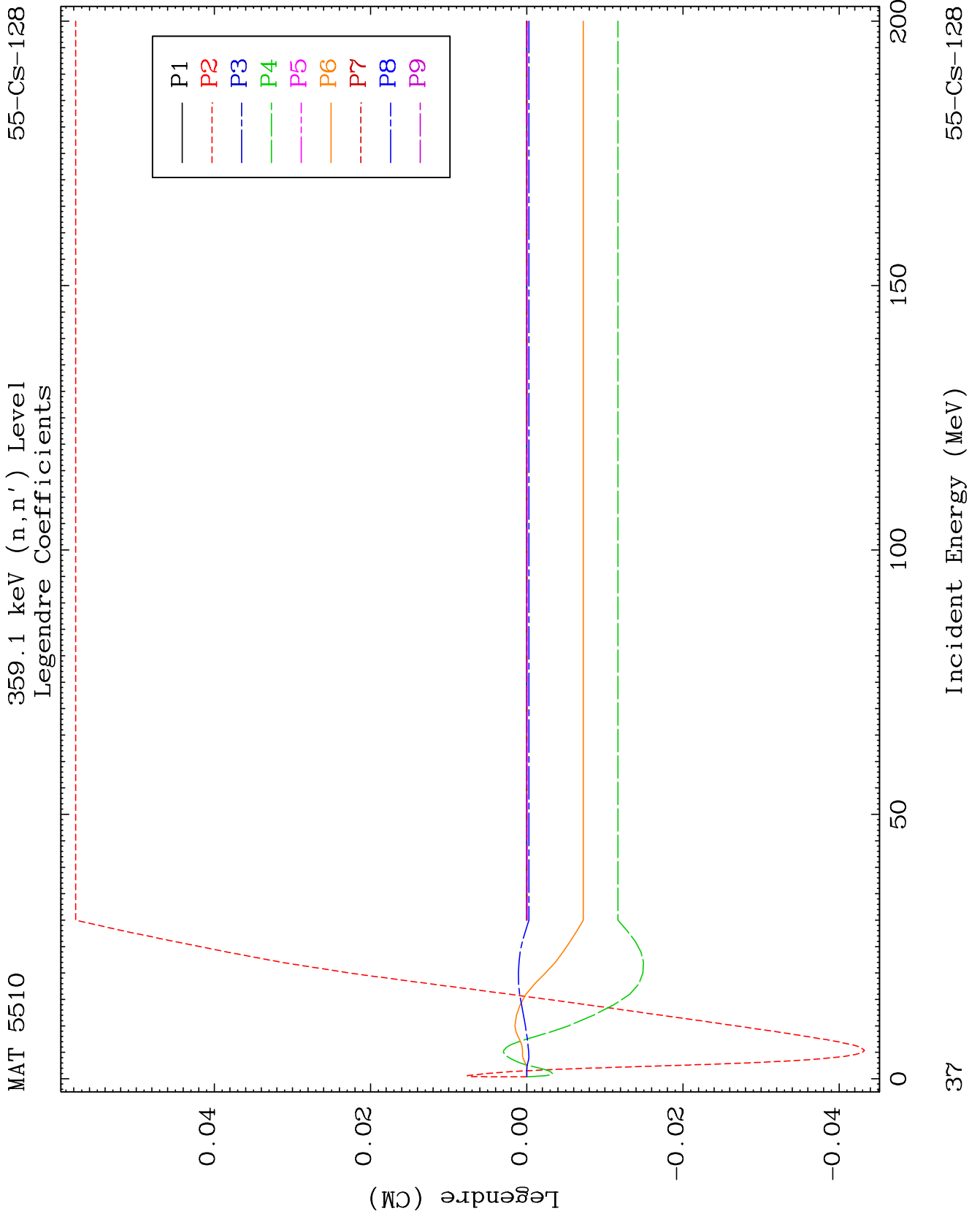
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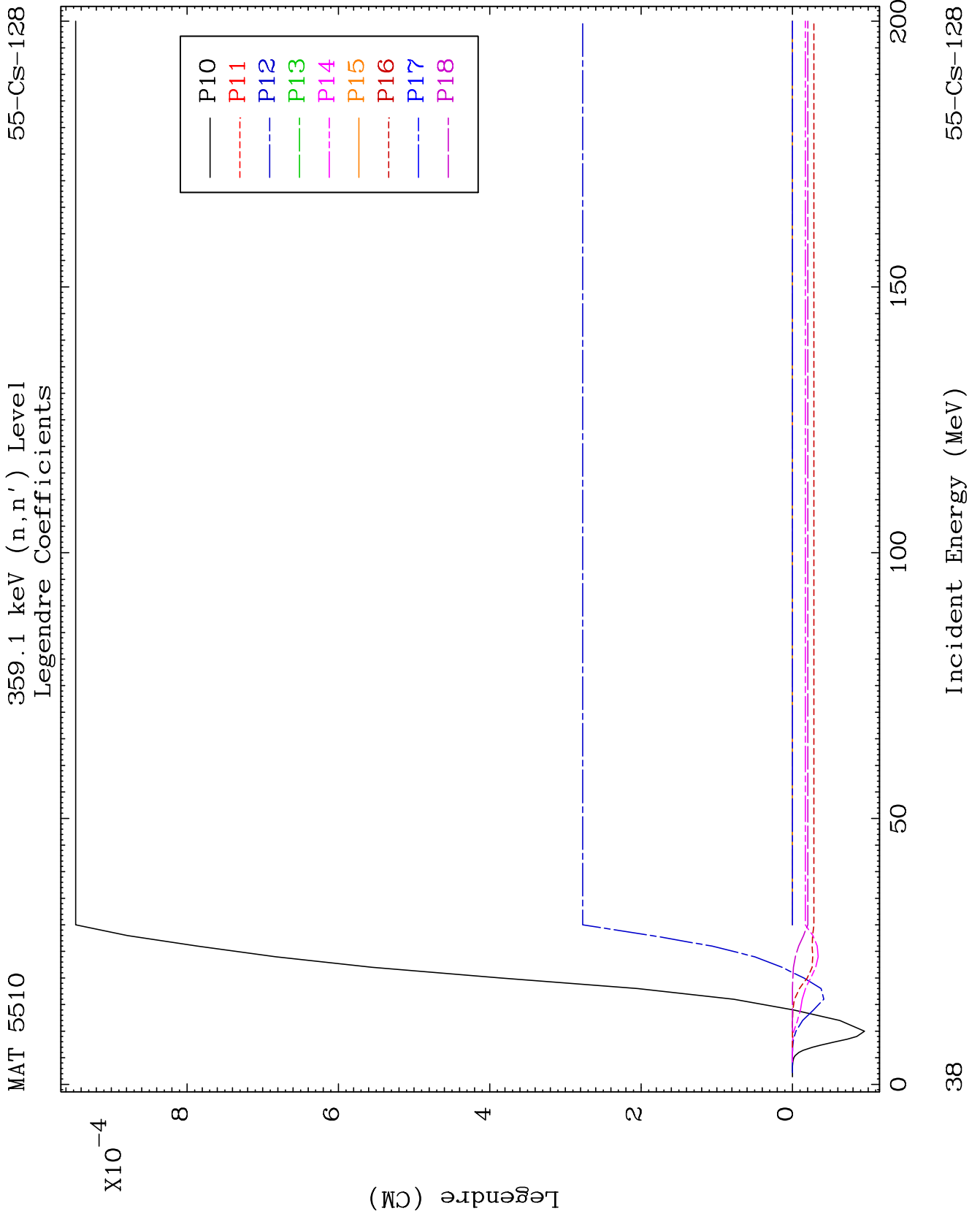
Incident Energy (MeV)

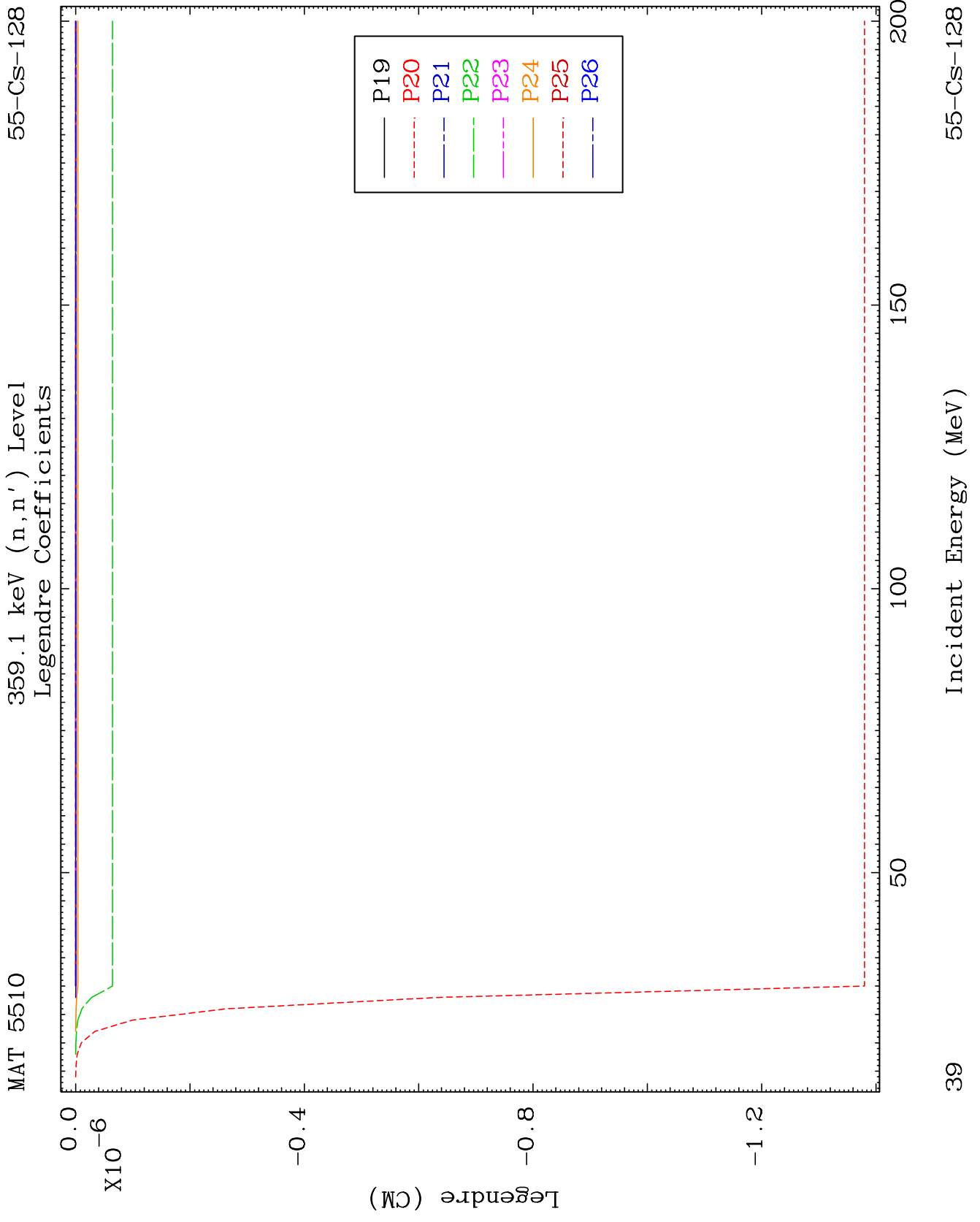
55-Cs-128

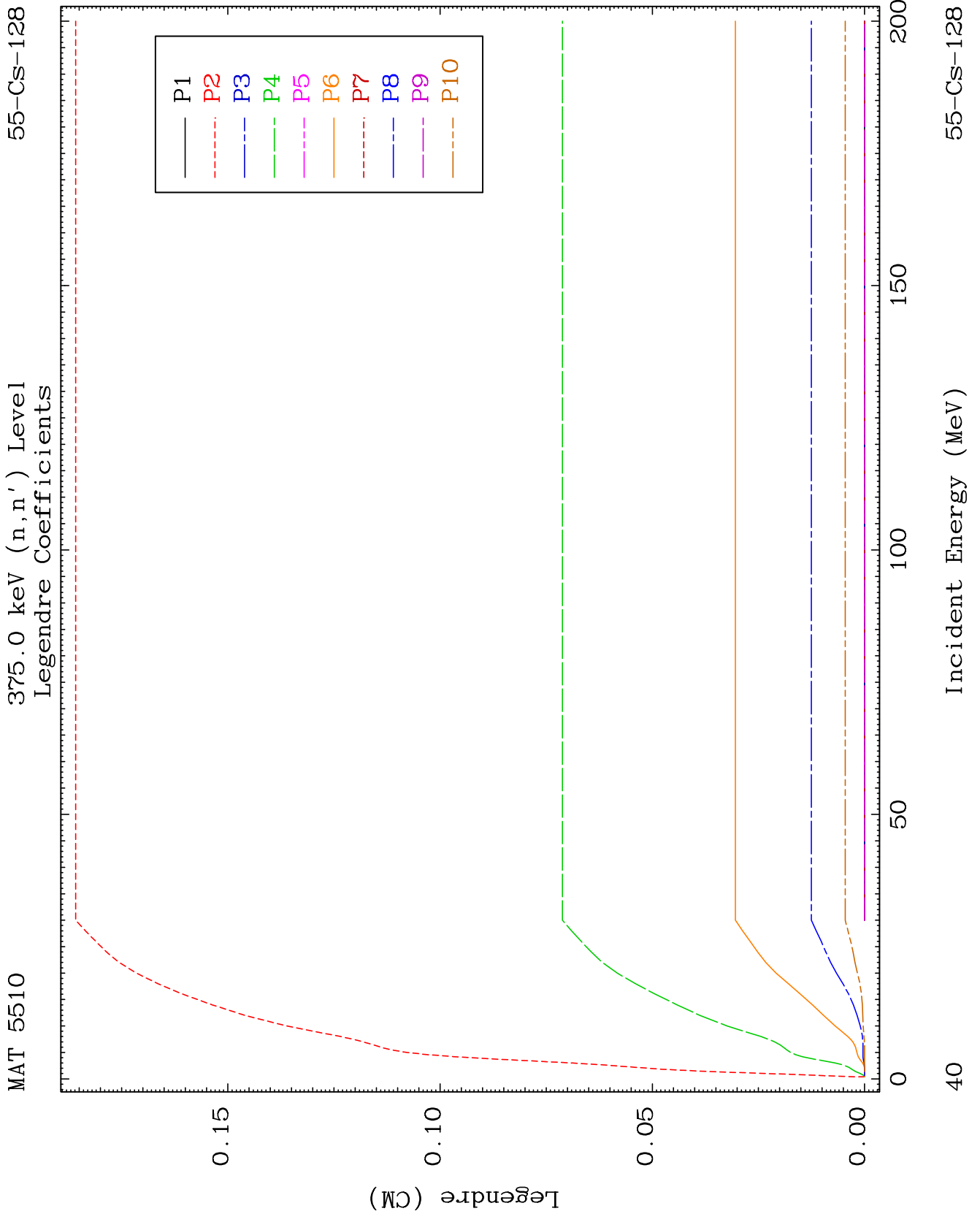


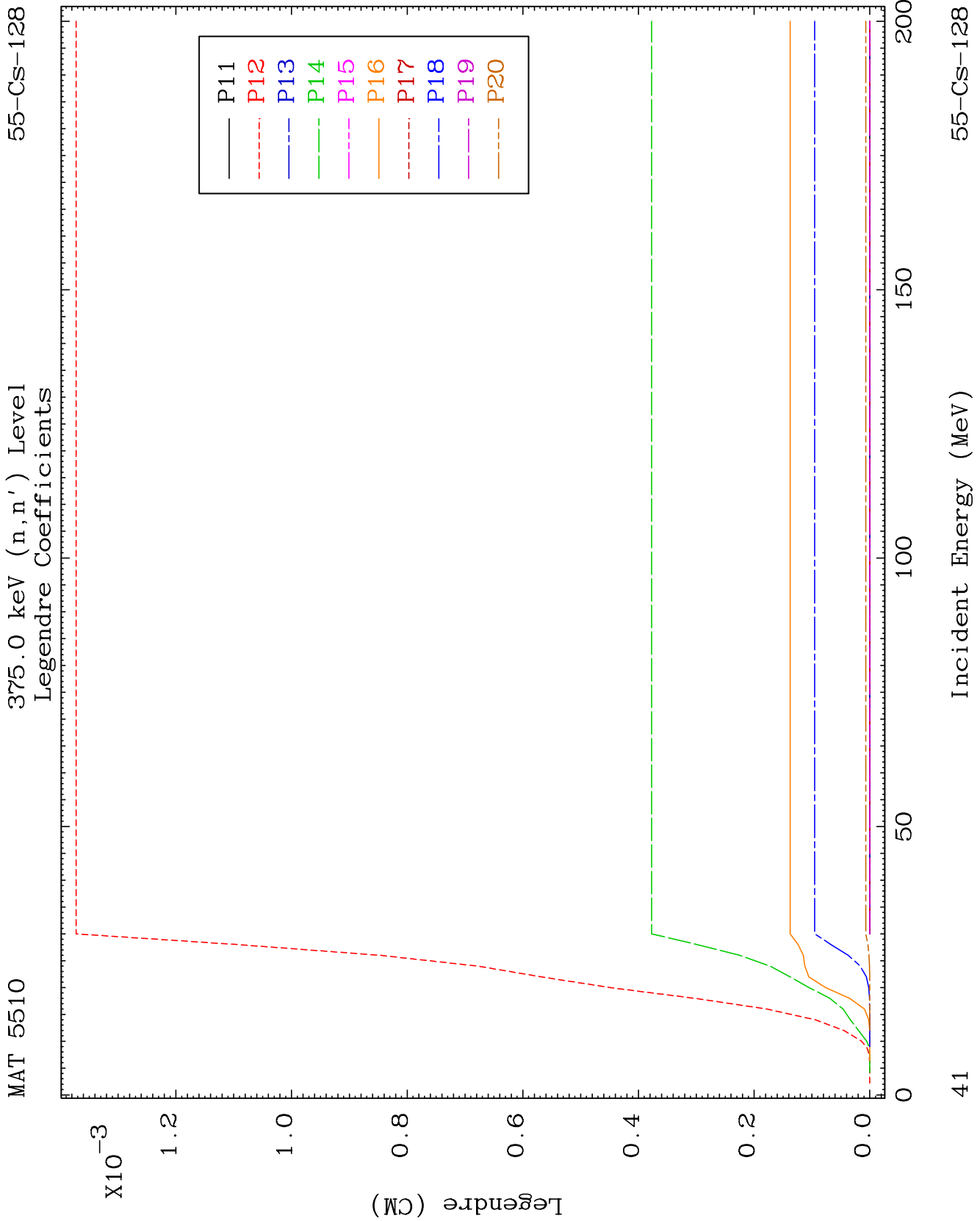


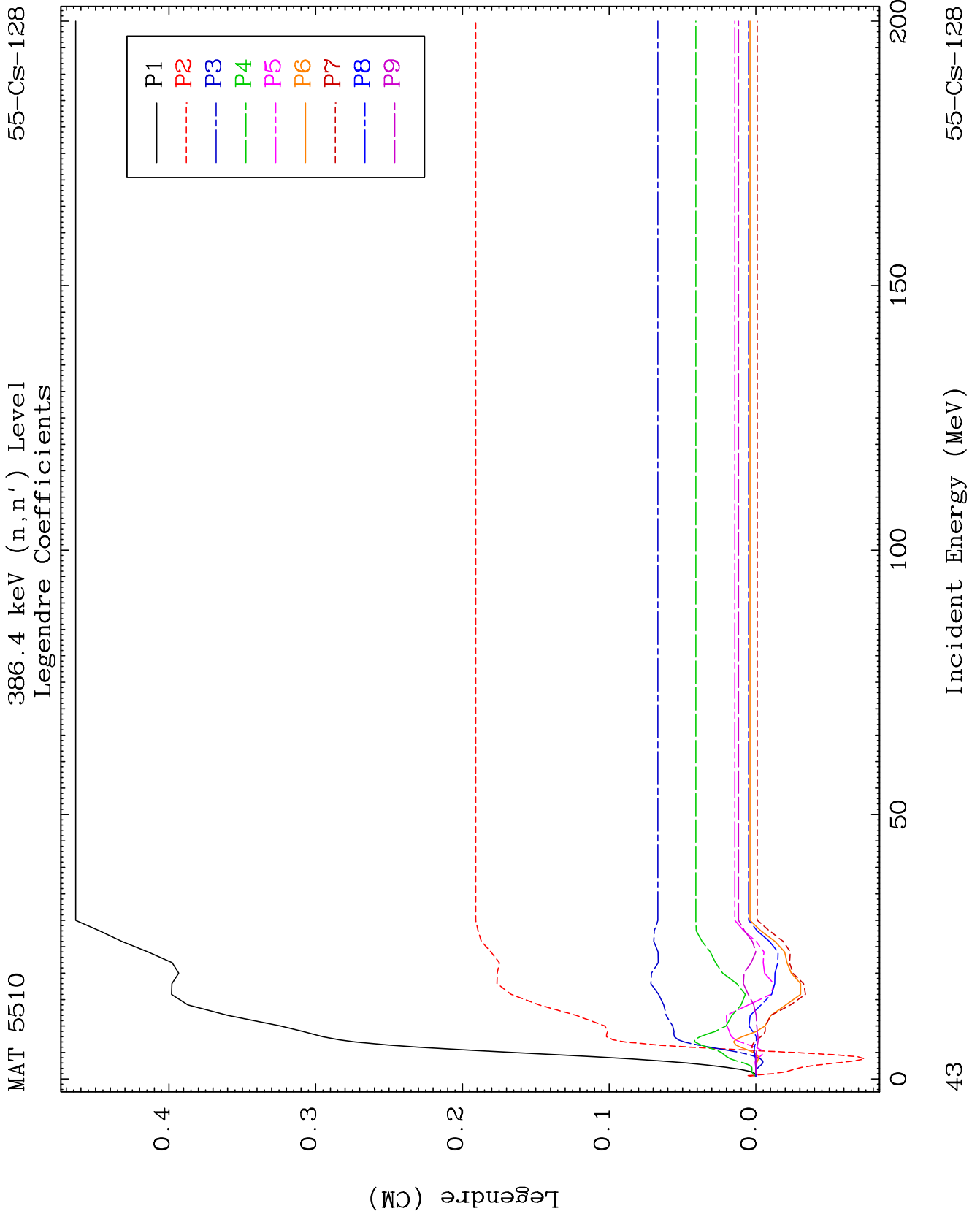












55-Cs-128

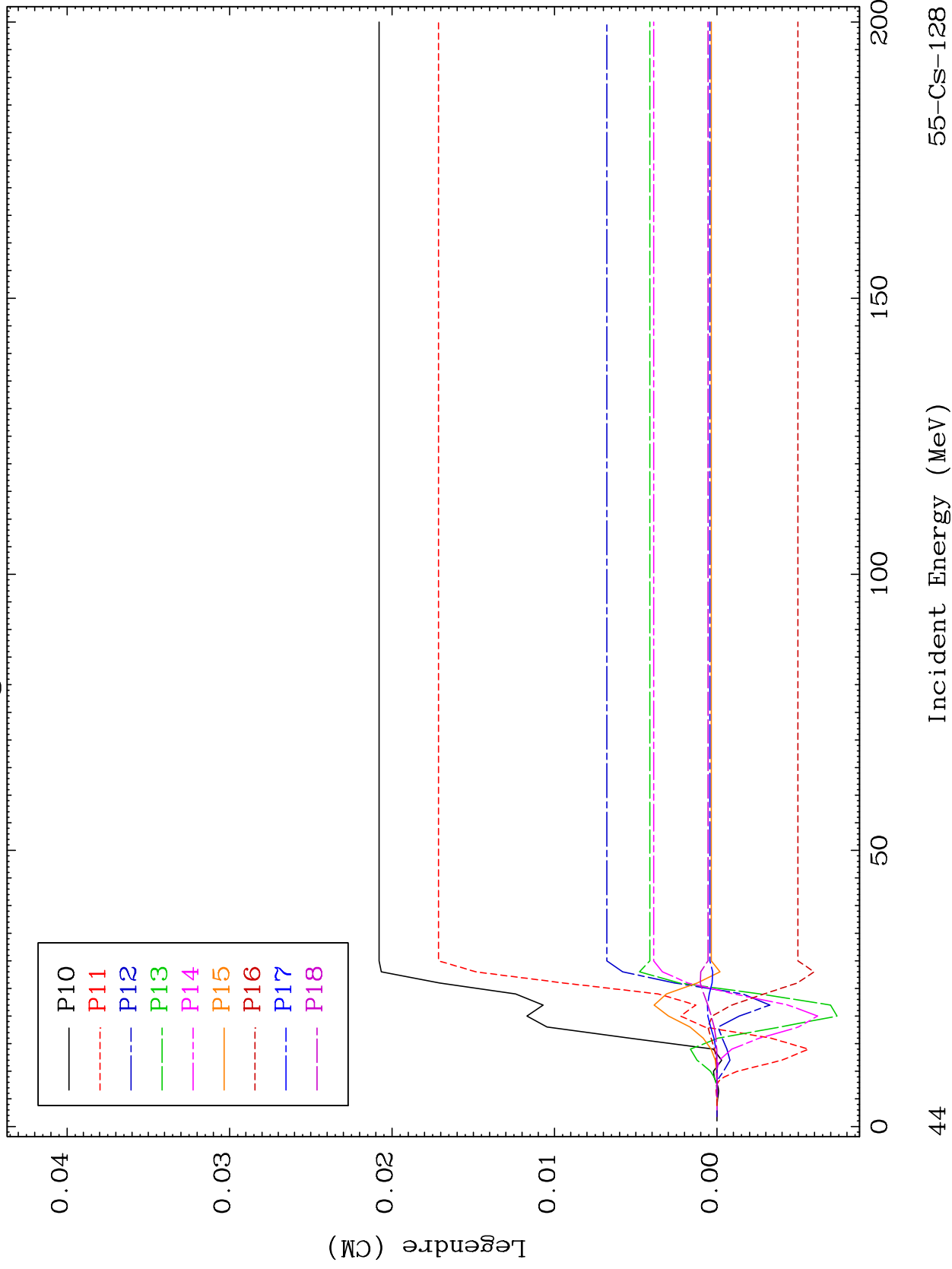
Incident Energy (MeV)

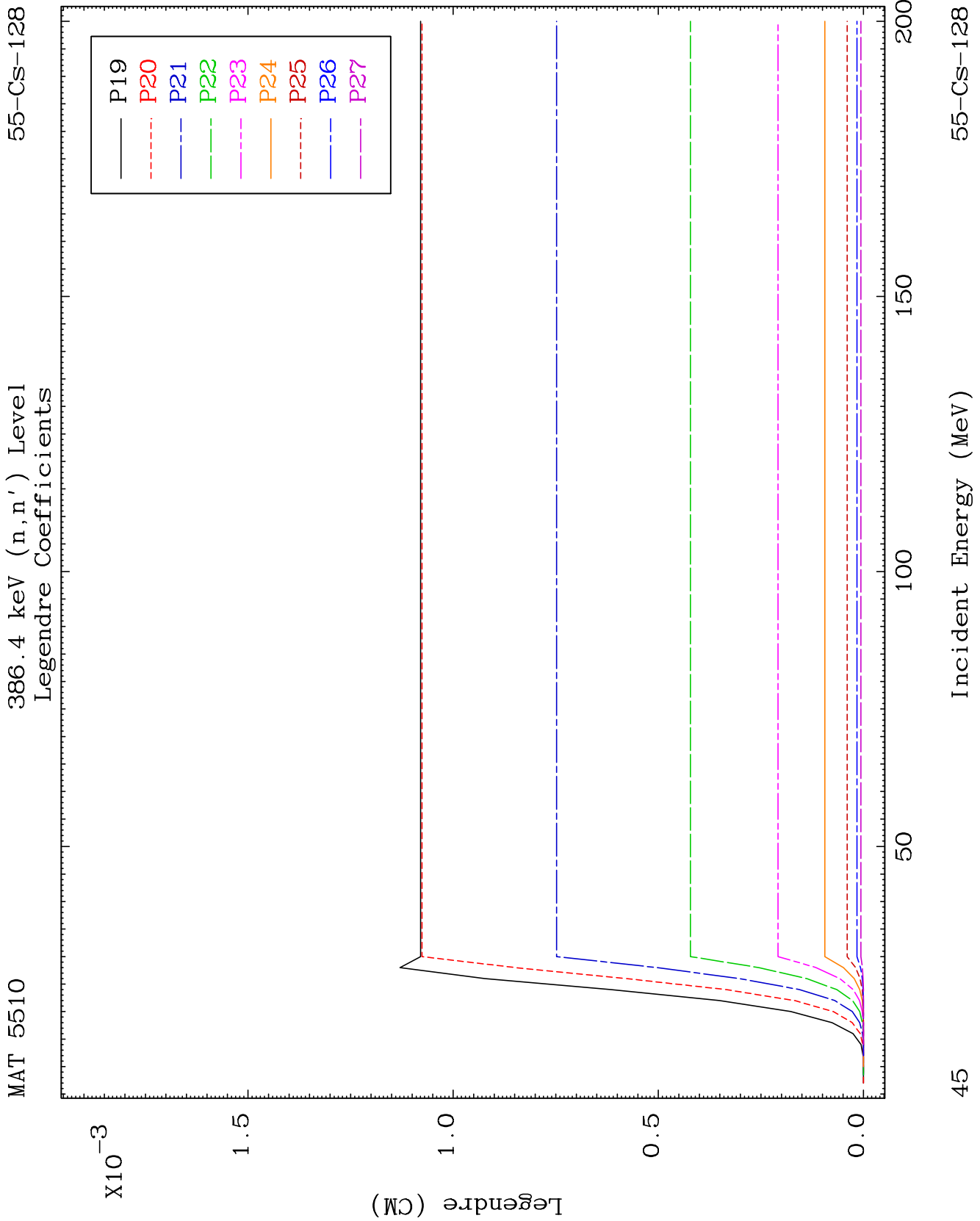
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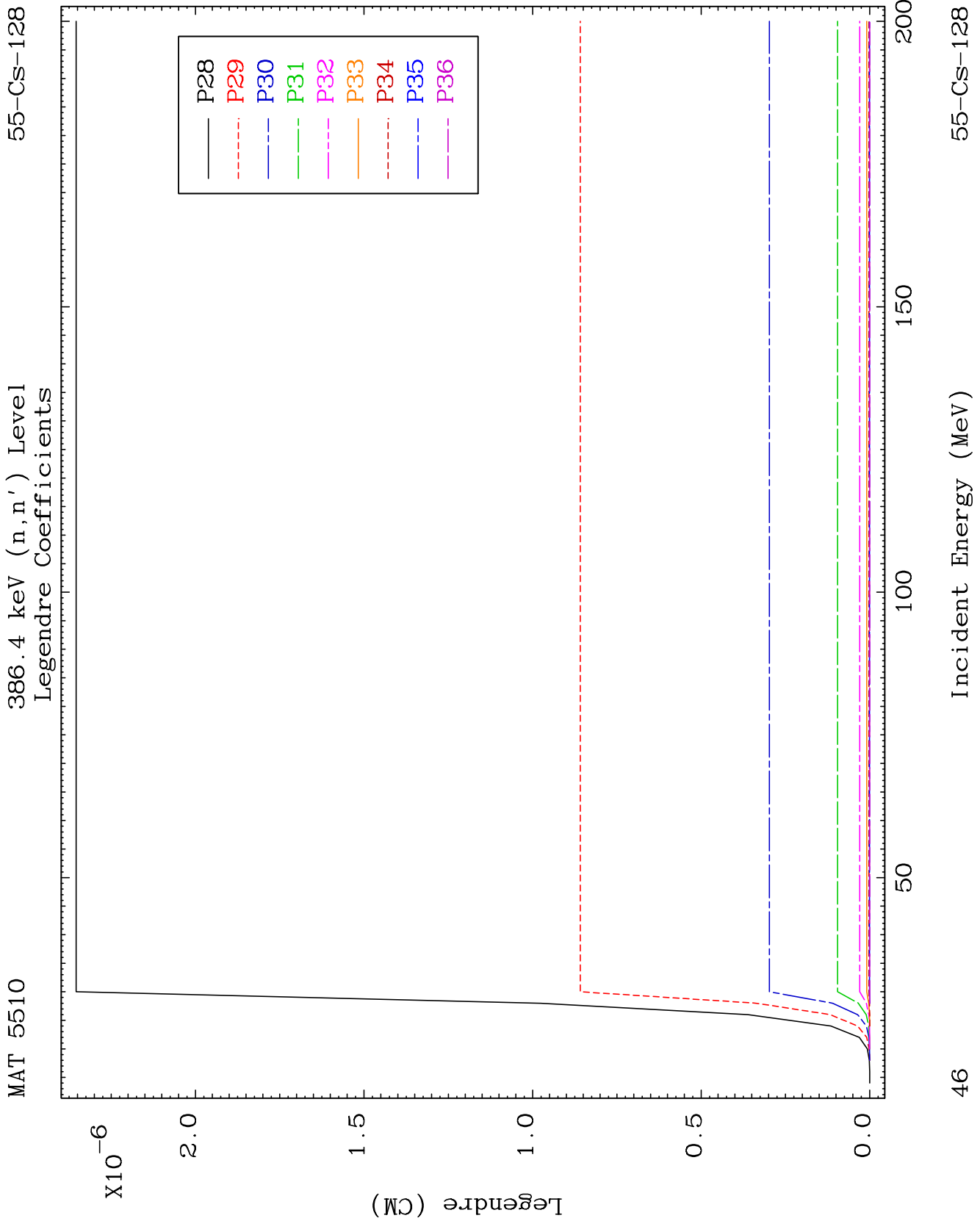
MAT 5510

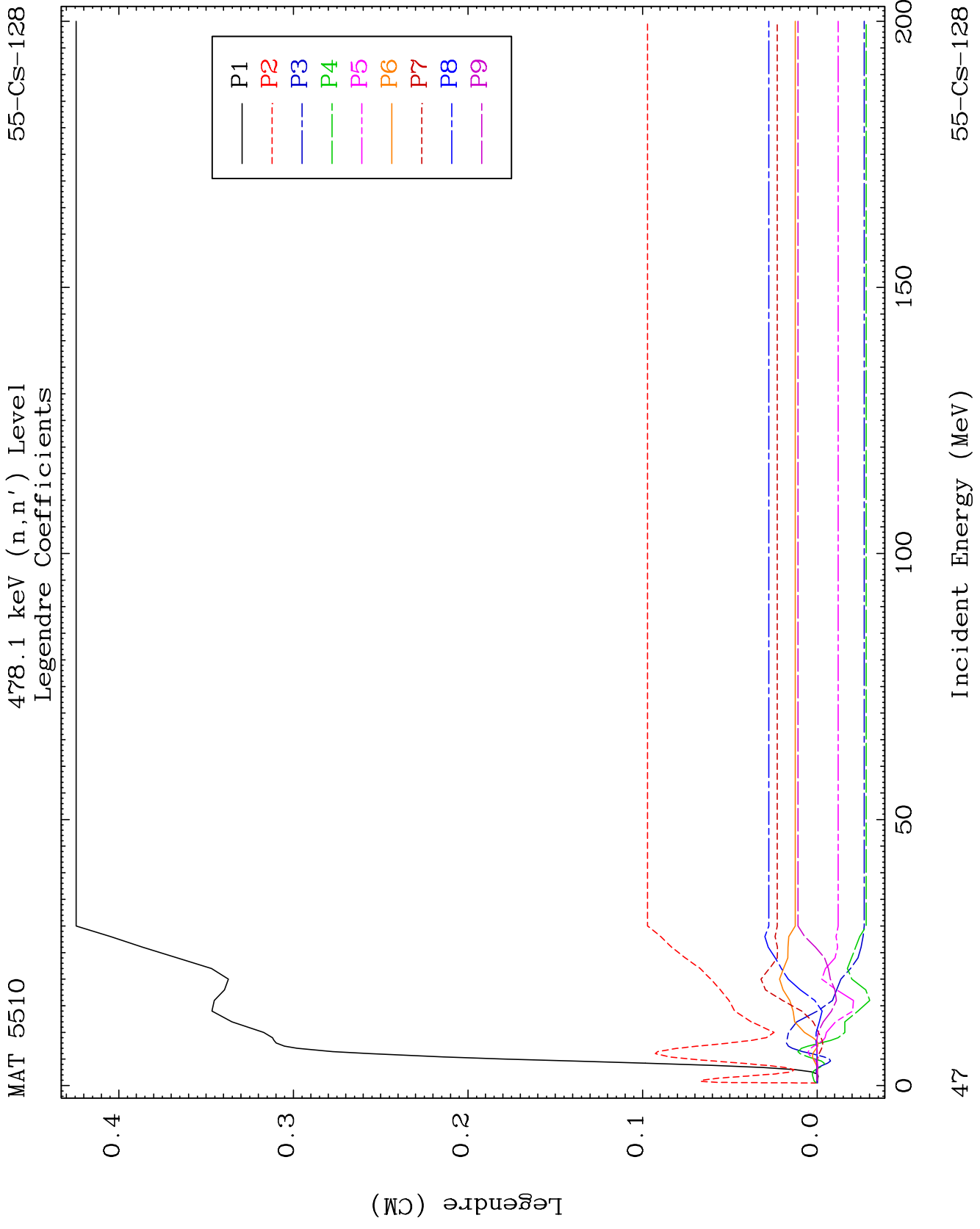
386.4 keV (n,n') Level
Legendre Coefficients

55-Cs-128





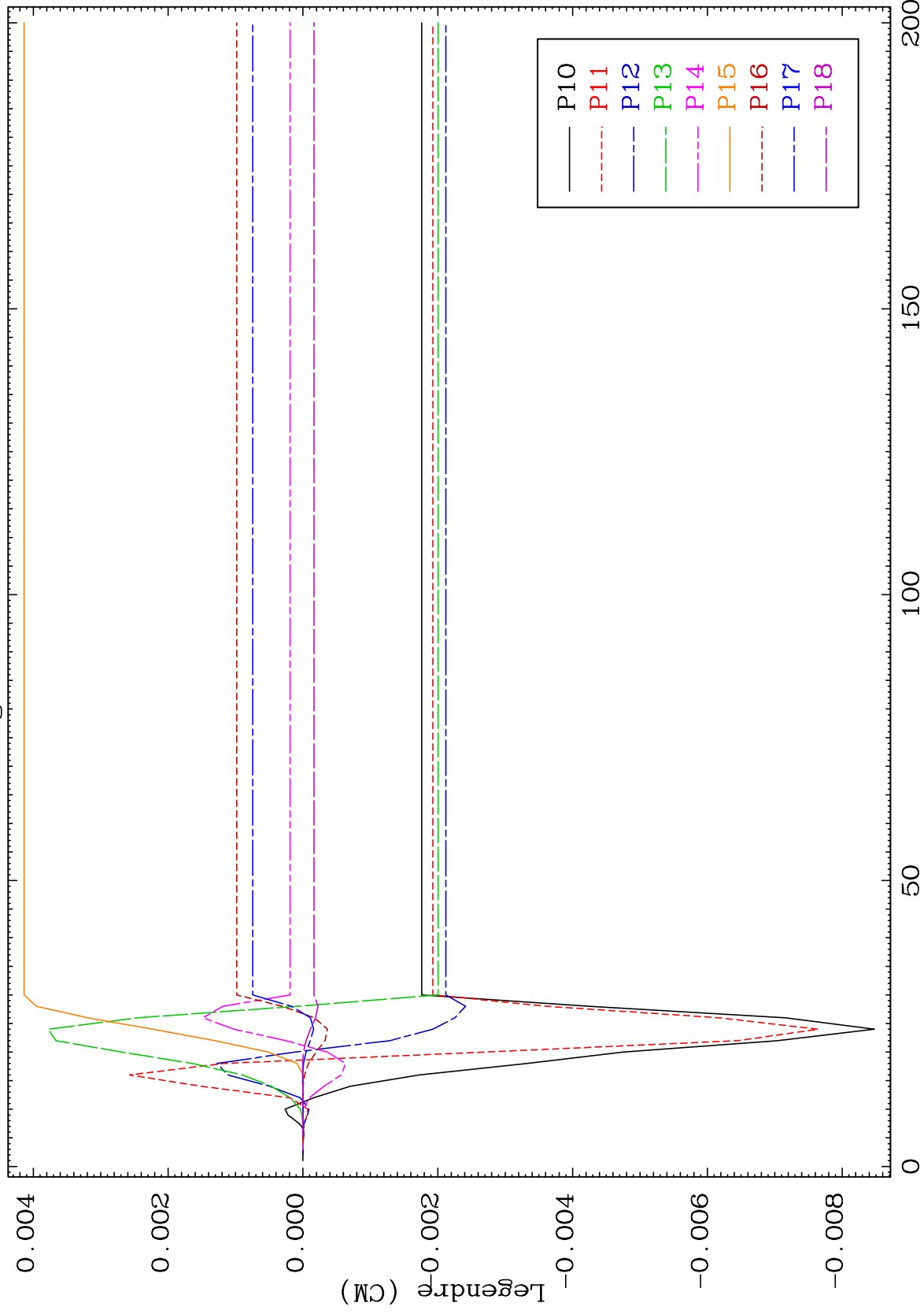




MAT 5510

478.1 keV (n,n') Level
Legendre Coefficients

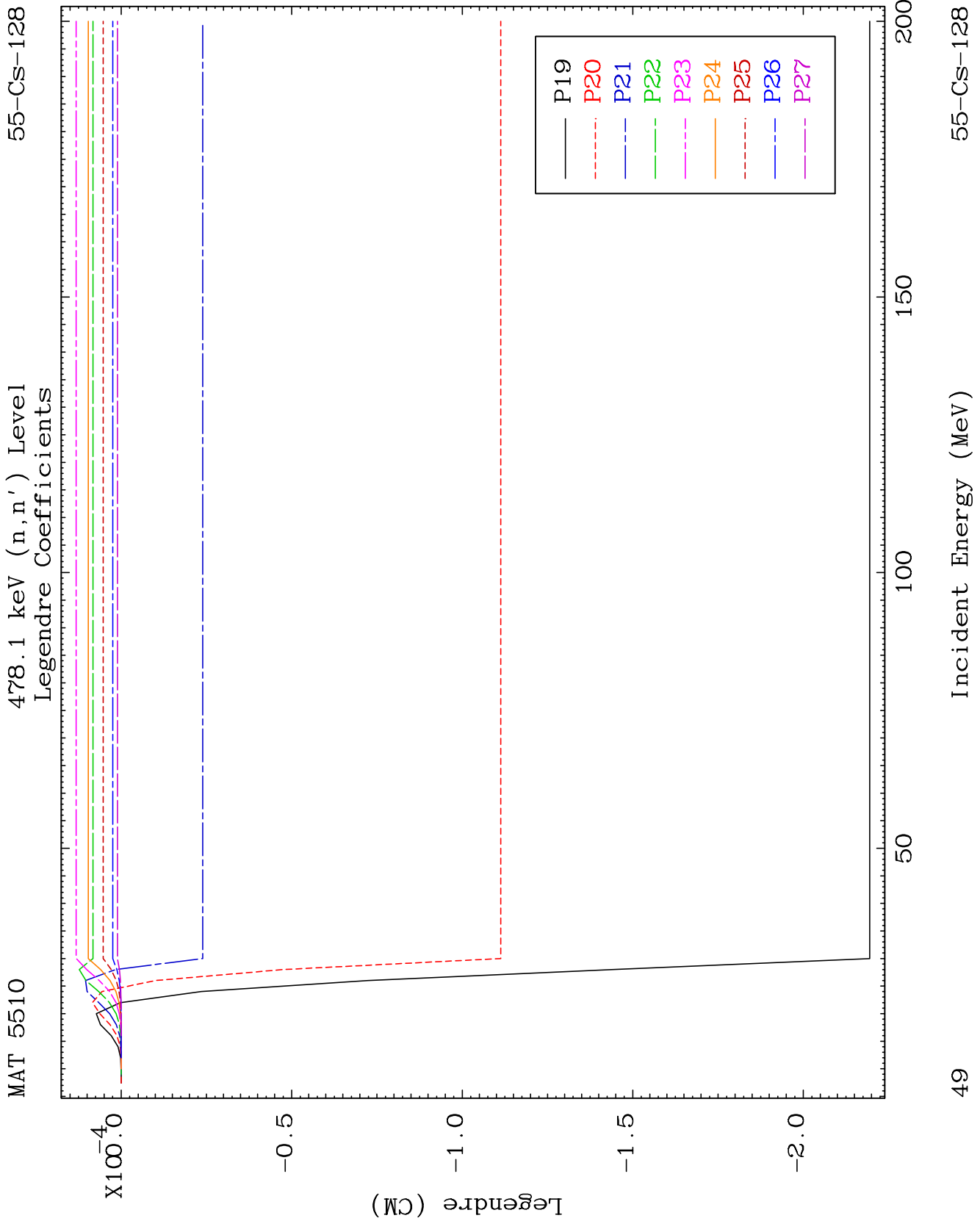
55-Cs-128

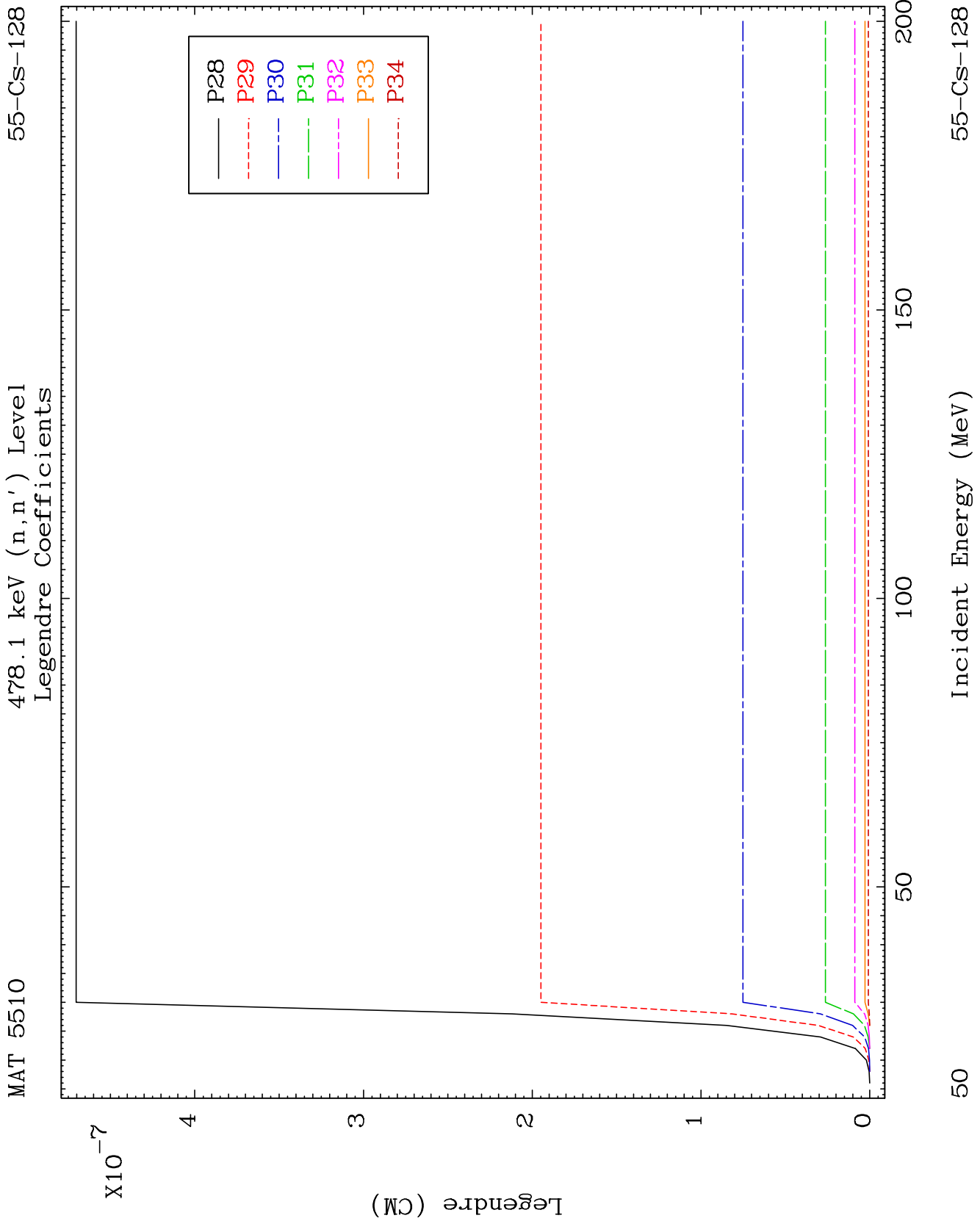


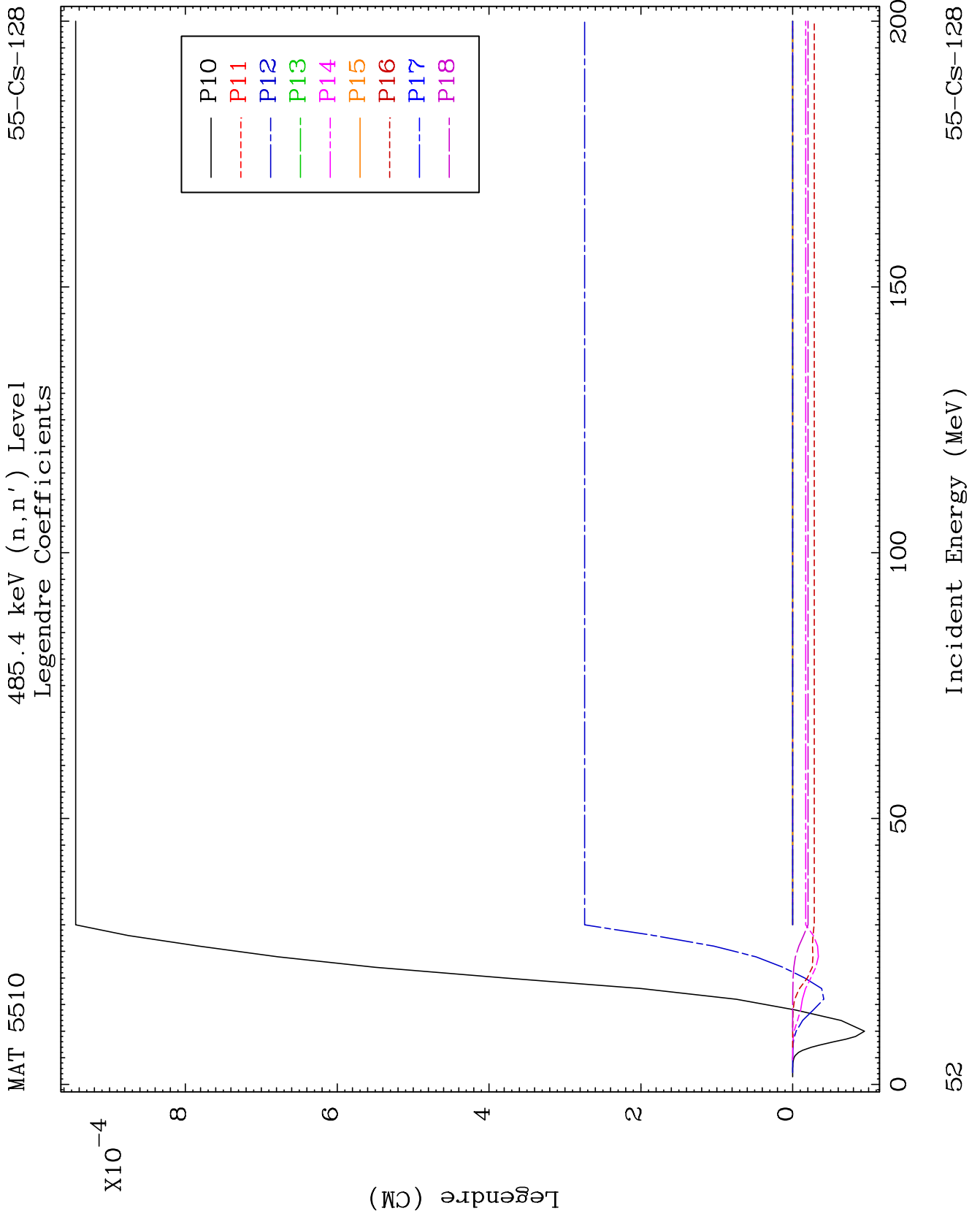
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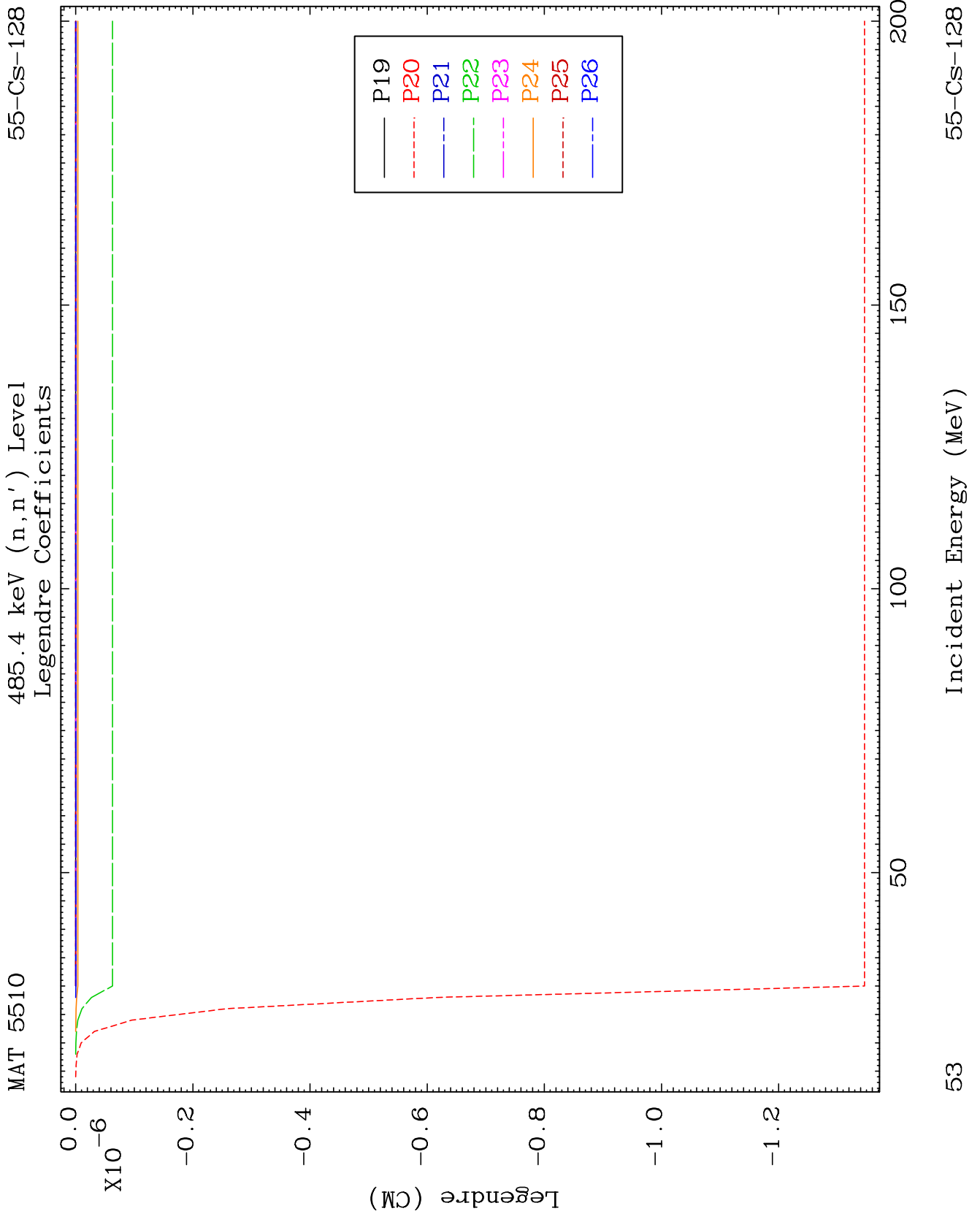
Incident Energy (MeV)

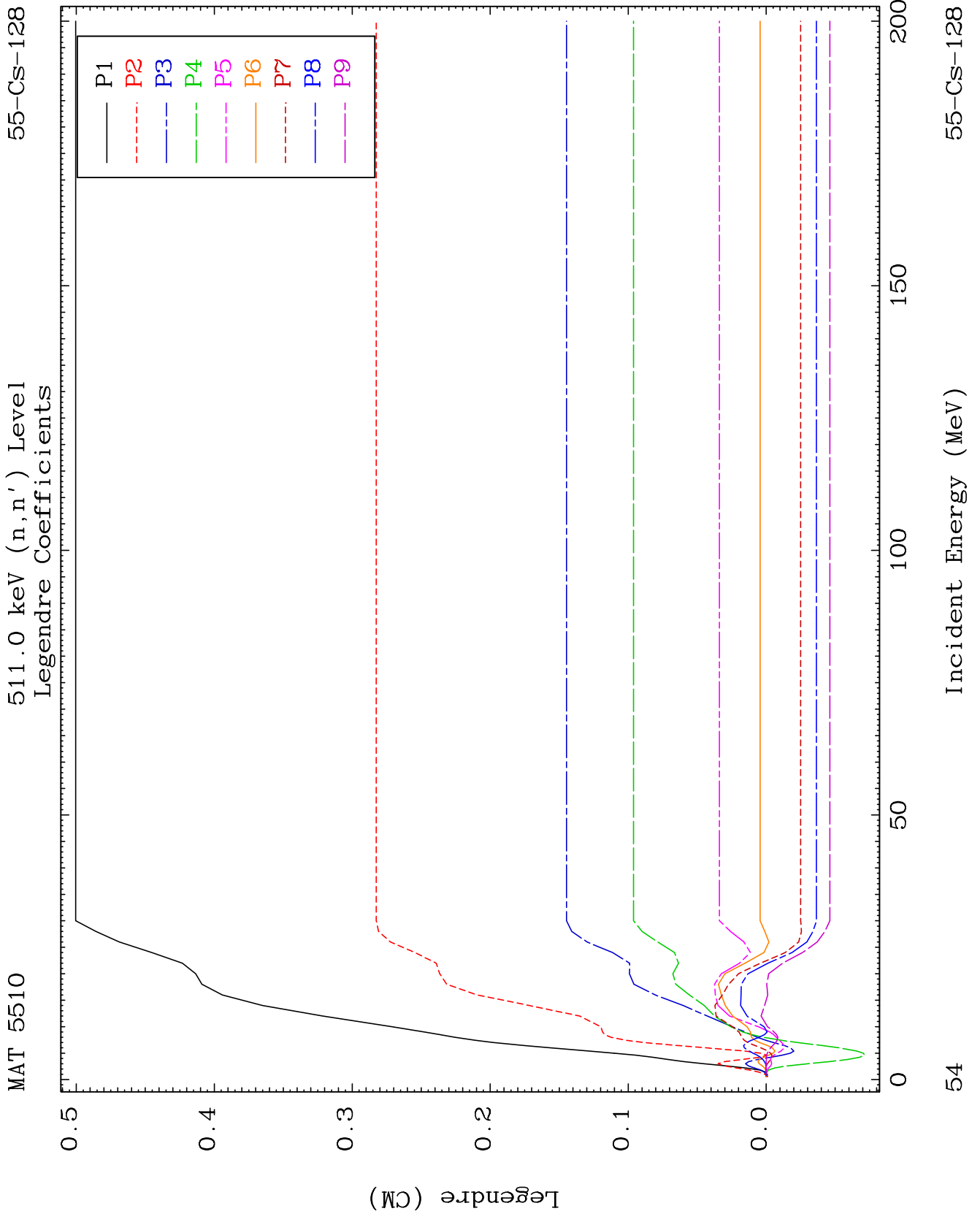
55-Cs-128

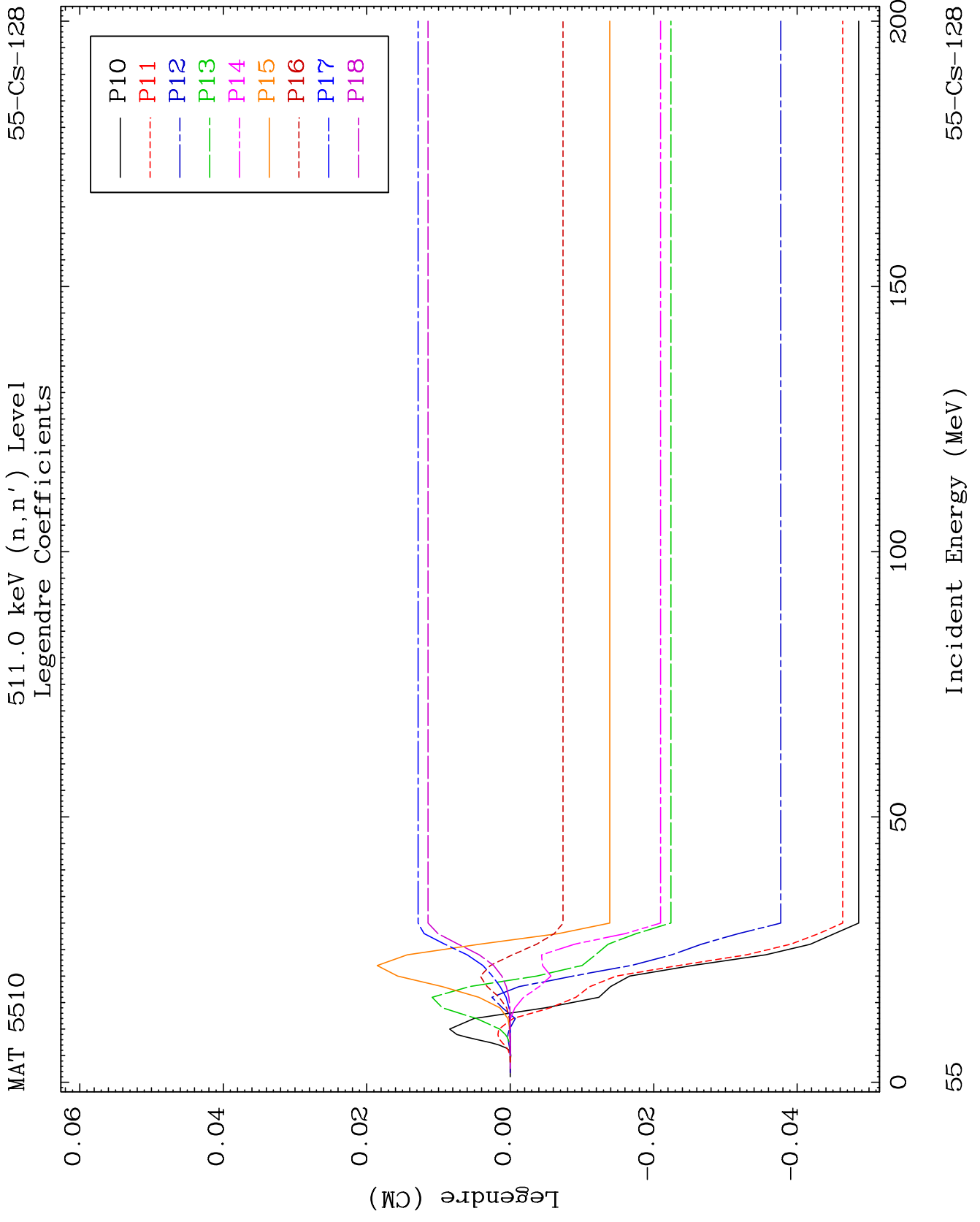


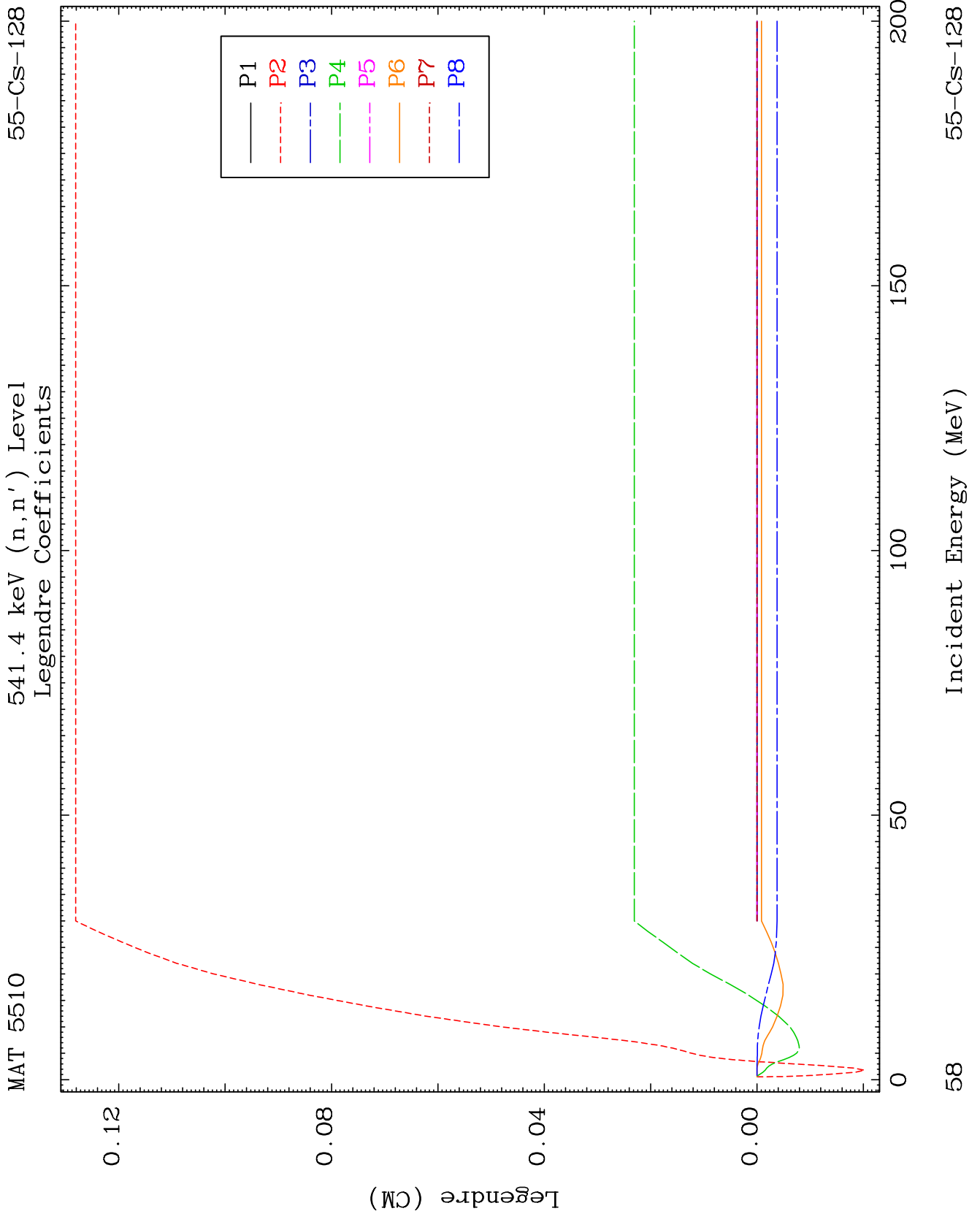


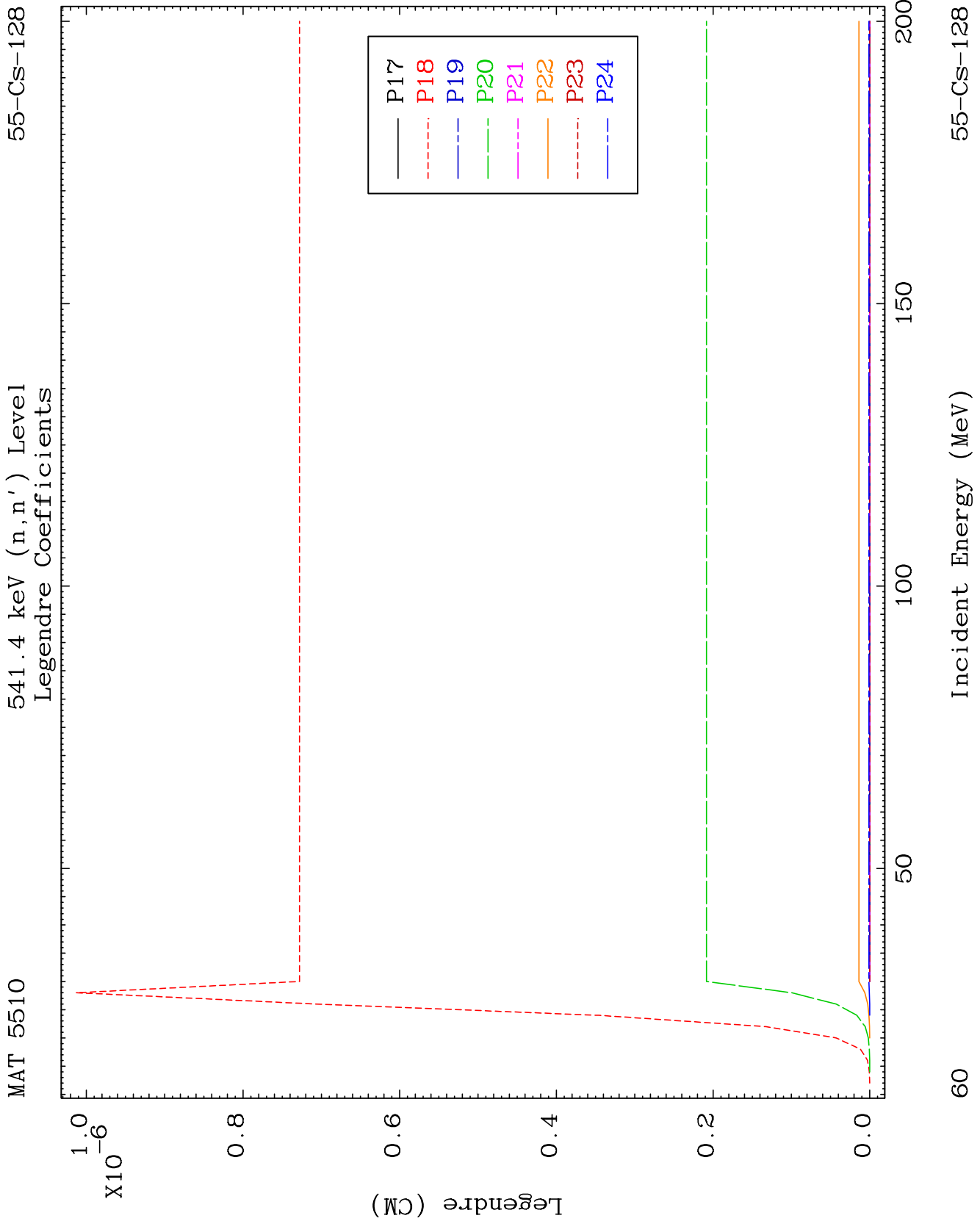








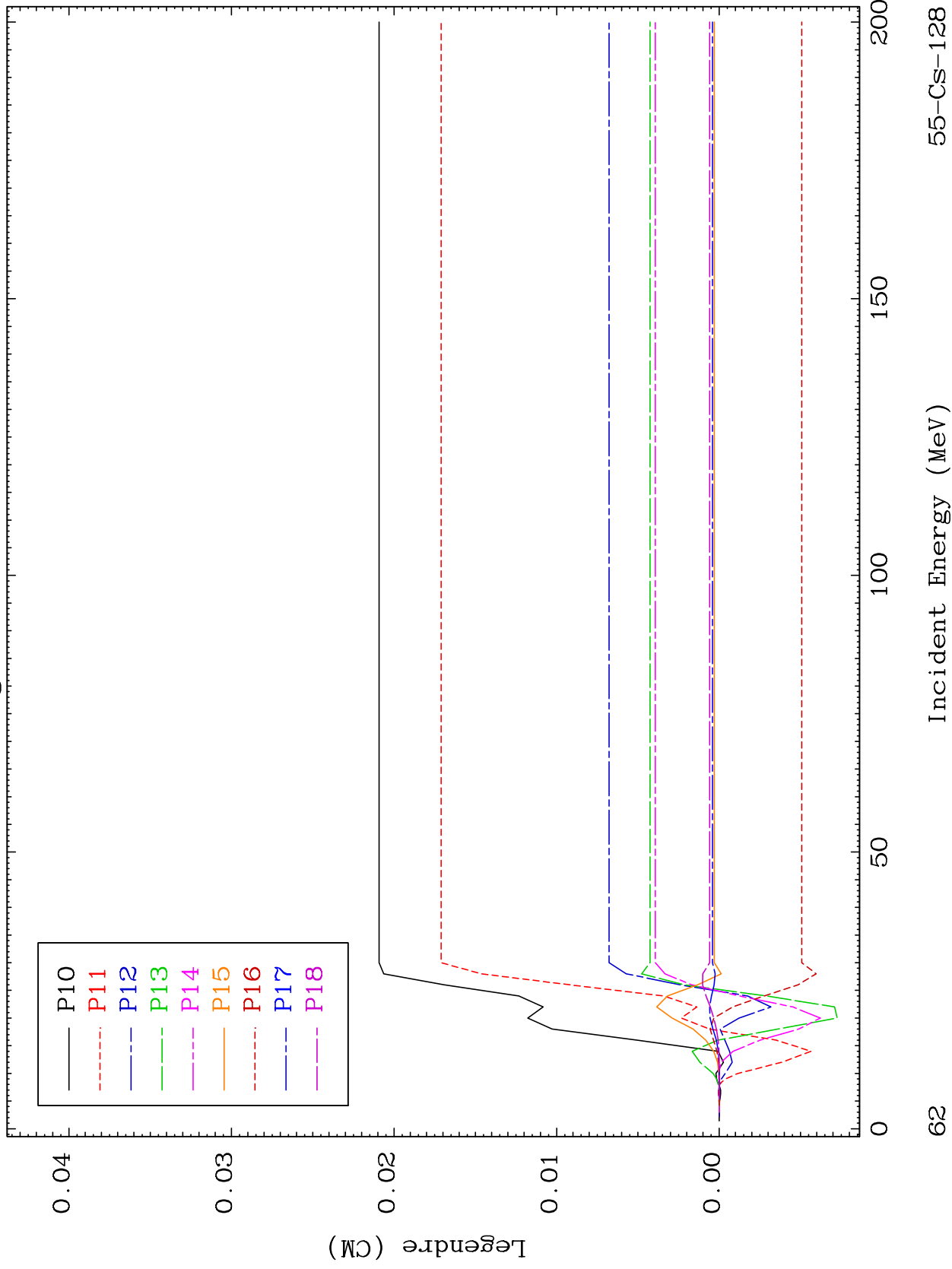




MAT 5510

579.9 keV (n,n') Level
Legendre Coefficients

55-Cs-128



55-Cs-128

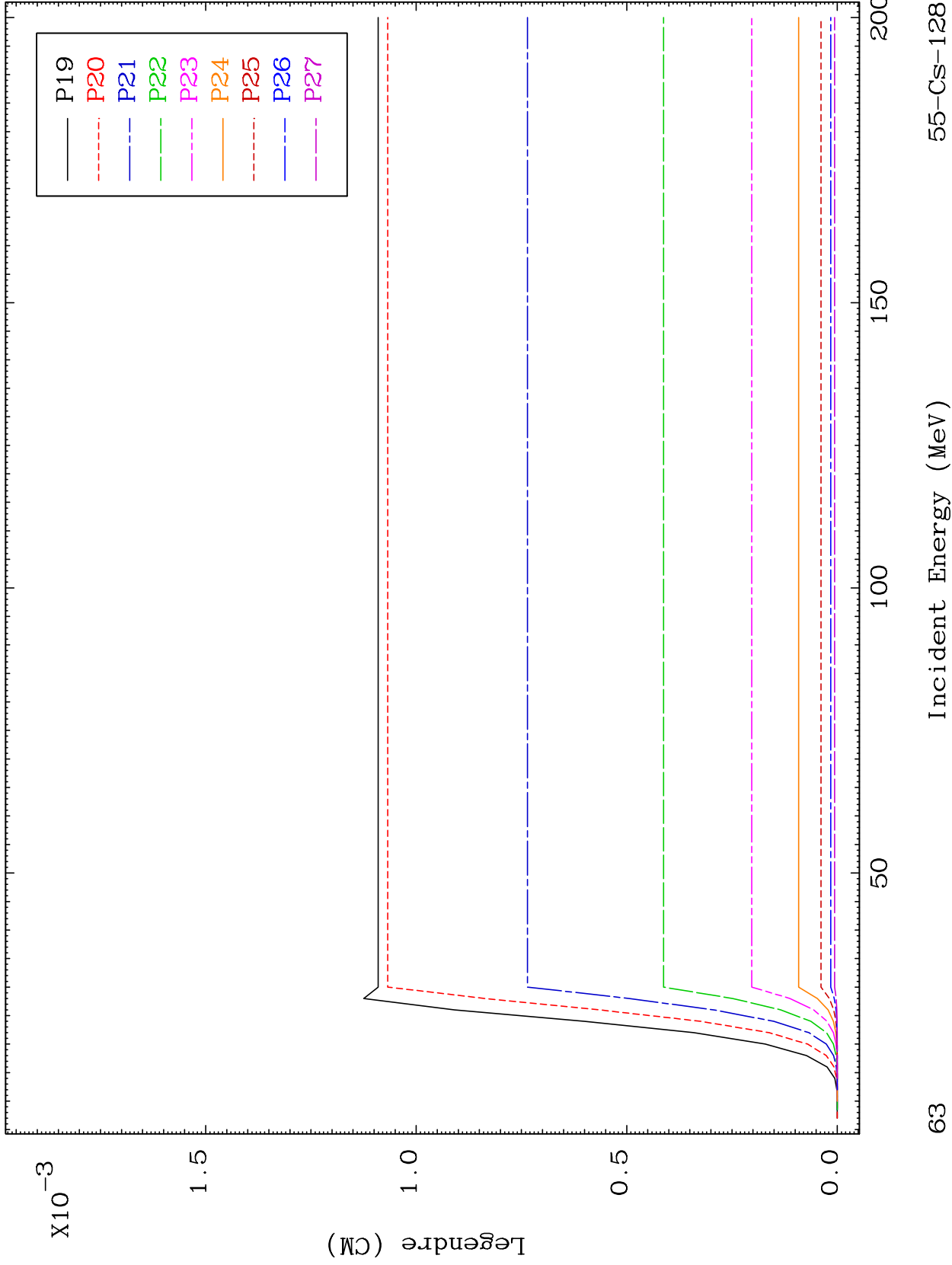
Incident Energy (MeV)

62

MAT 5510

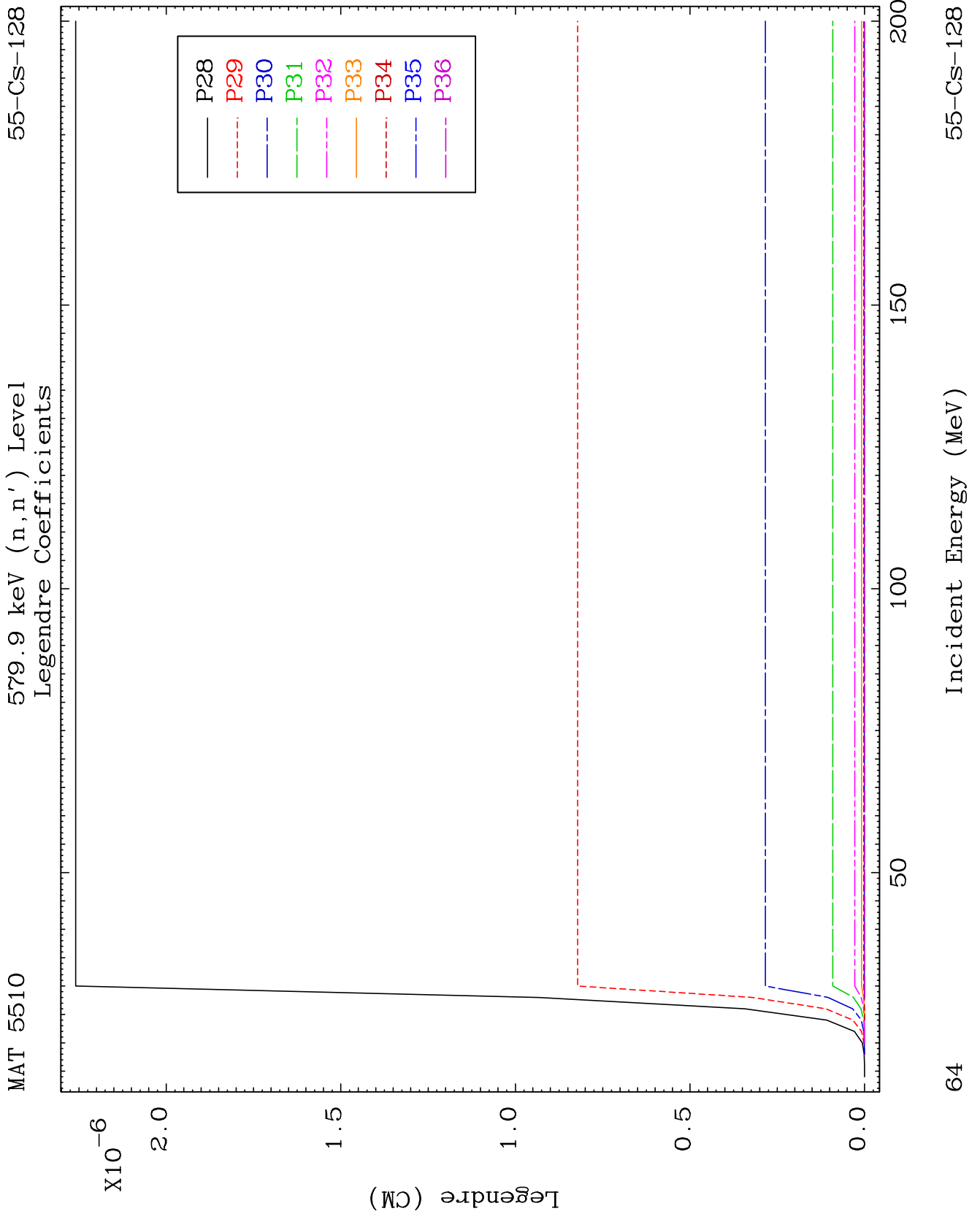
579.9 keV (n,n') Level
Legendre Coefficients

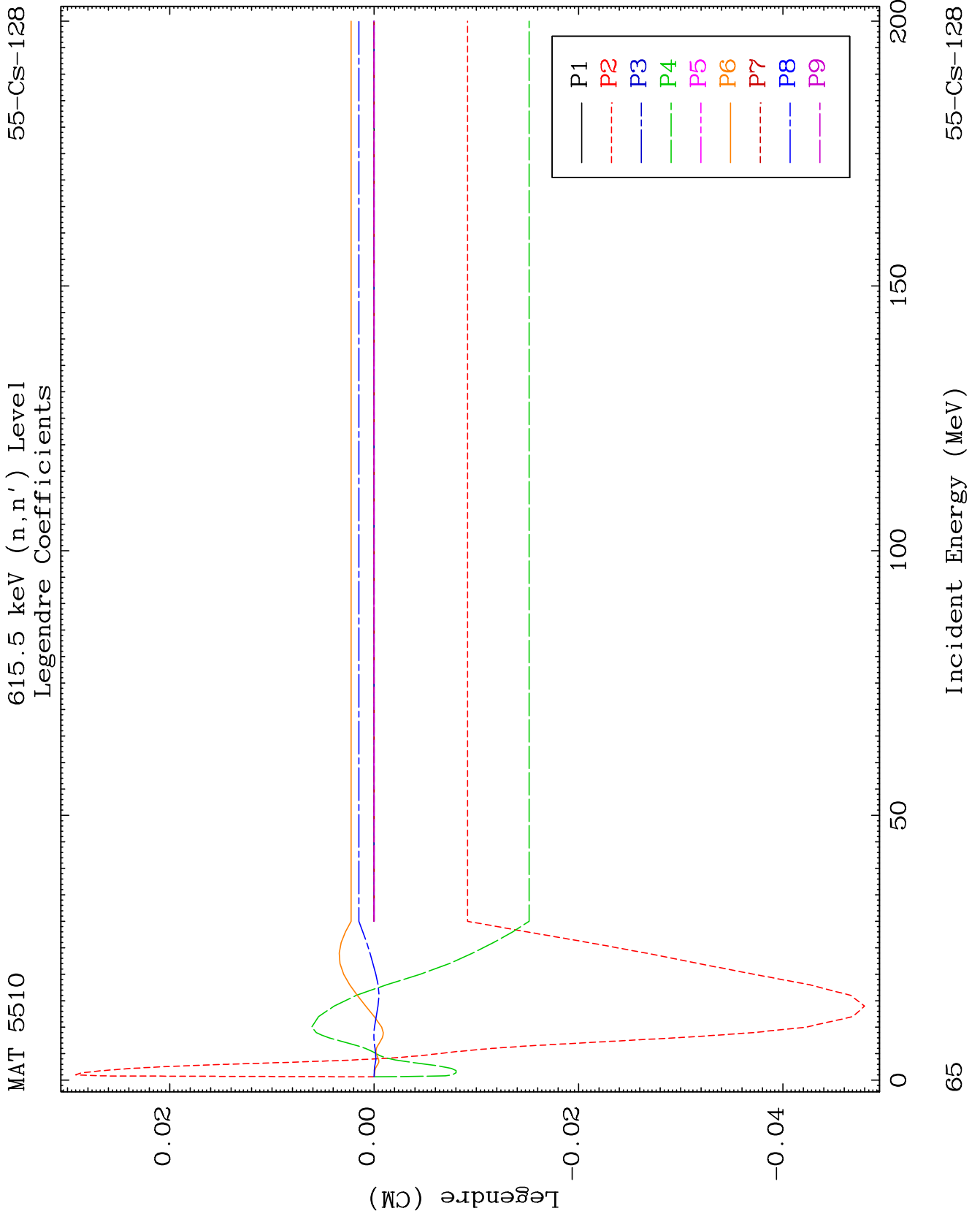
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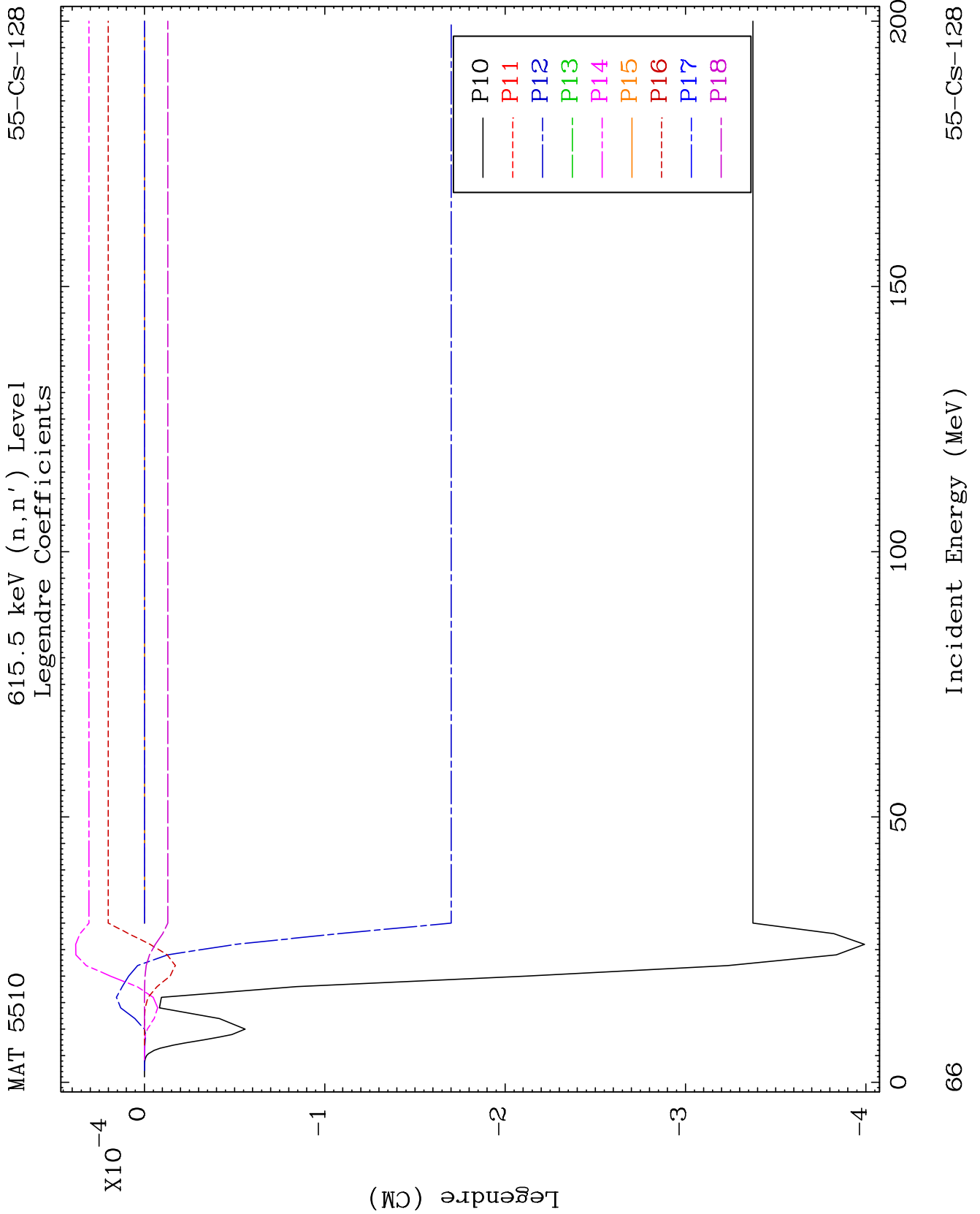


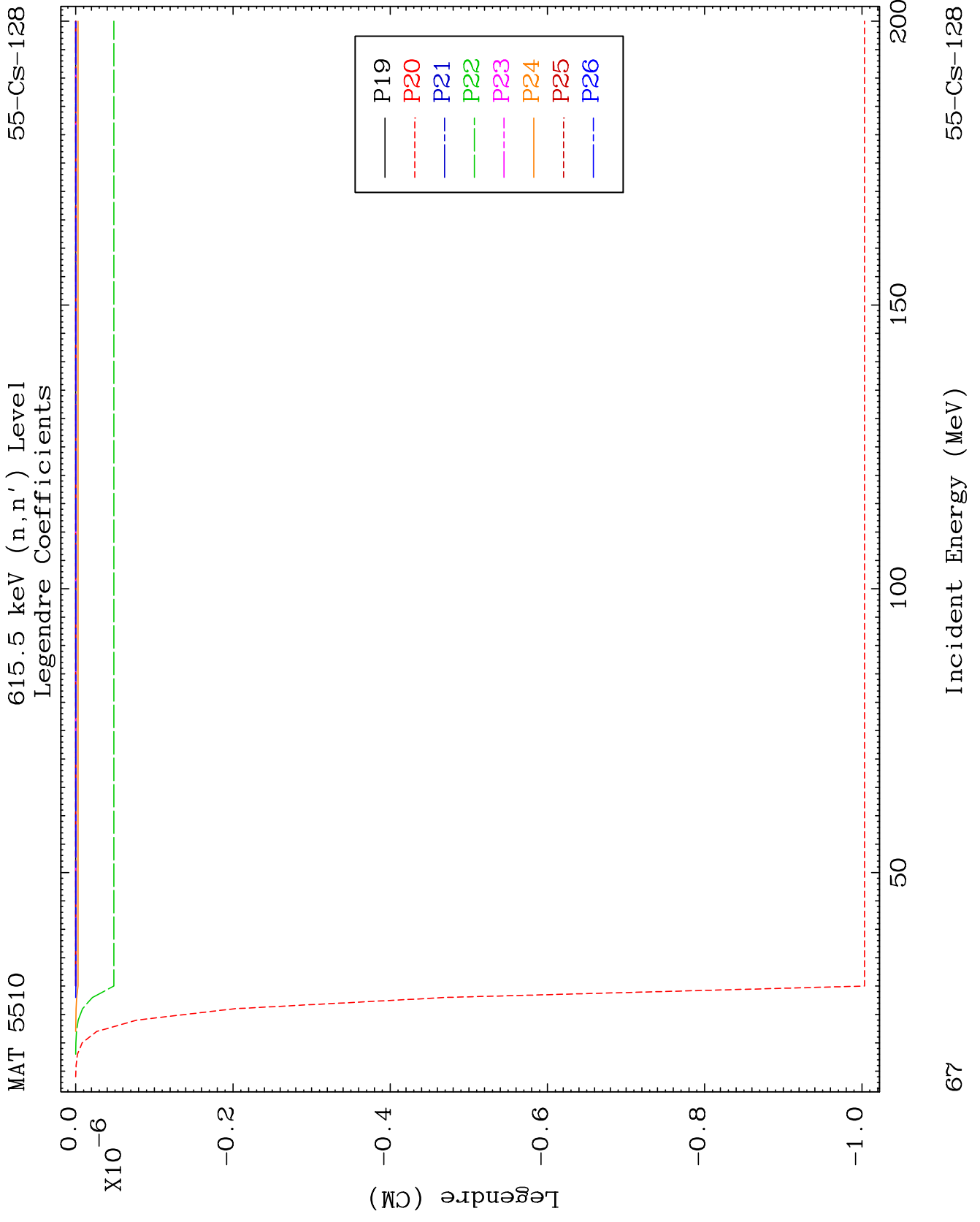
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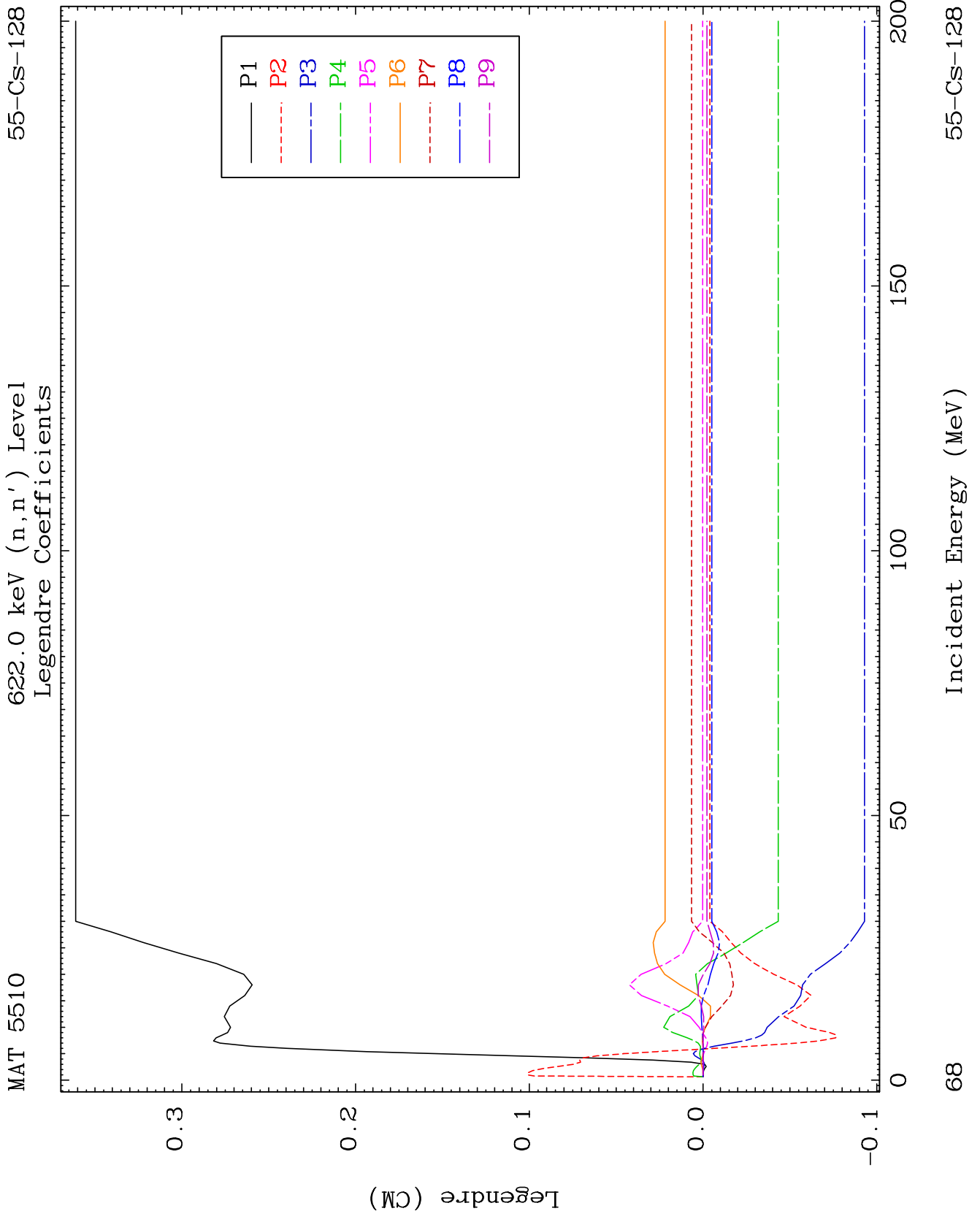
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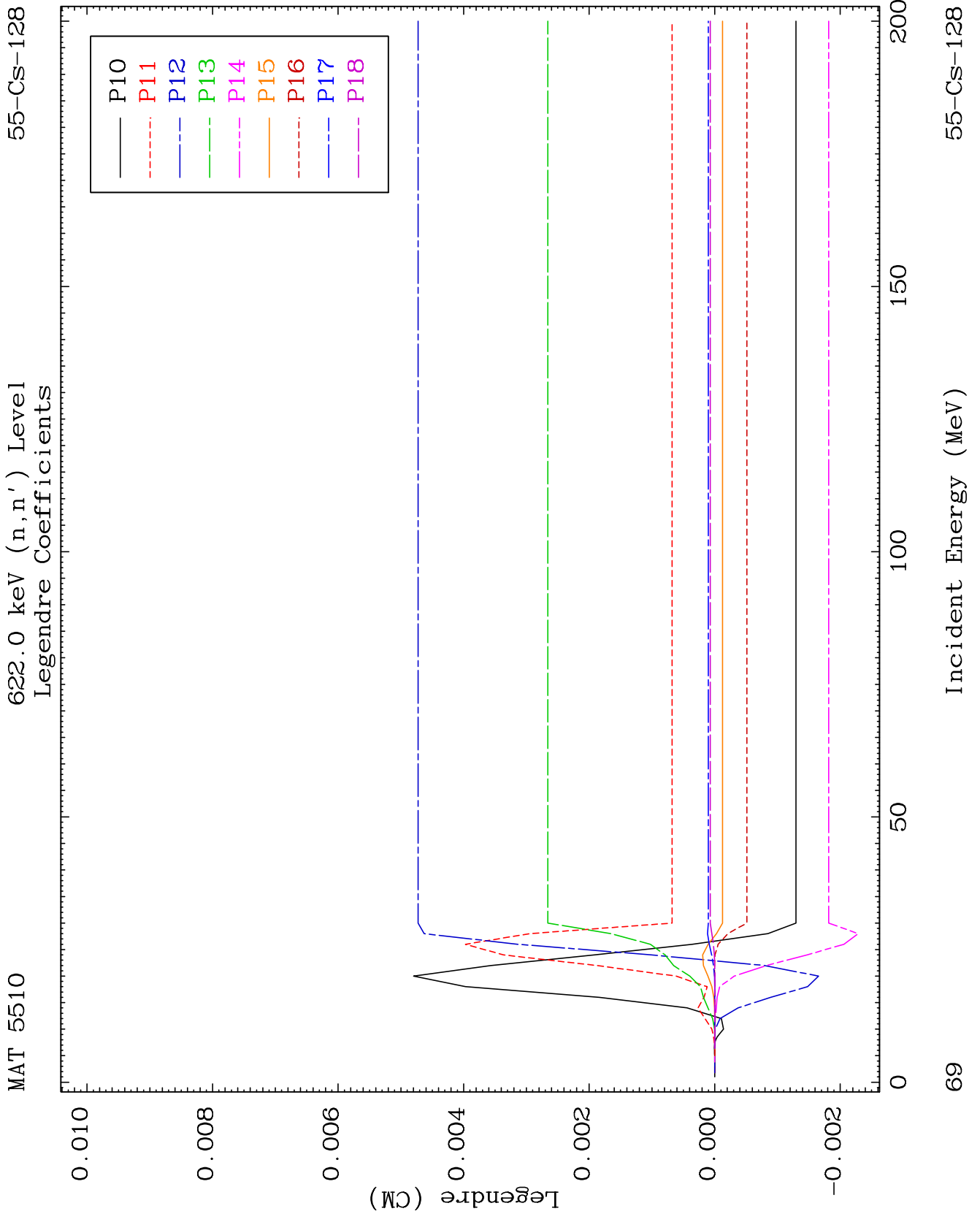








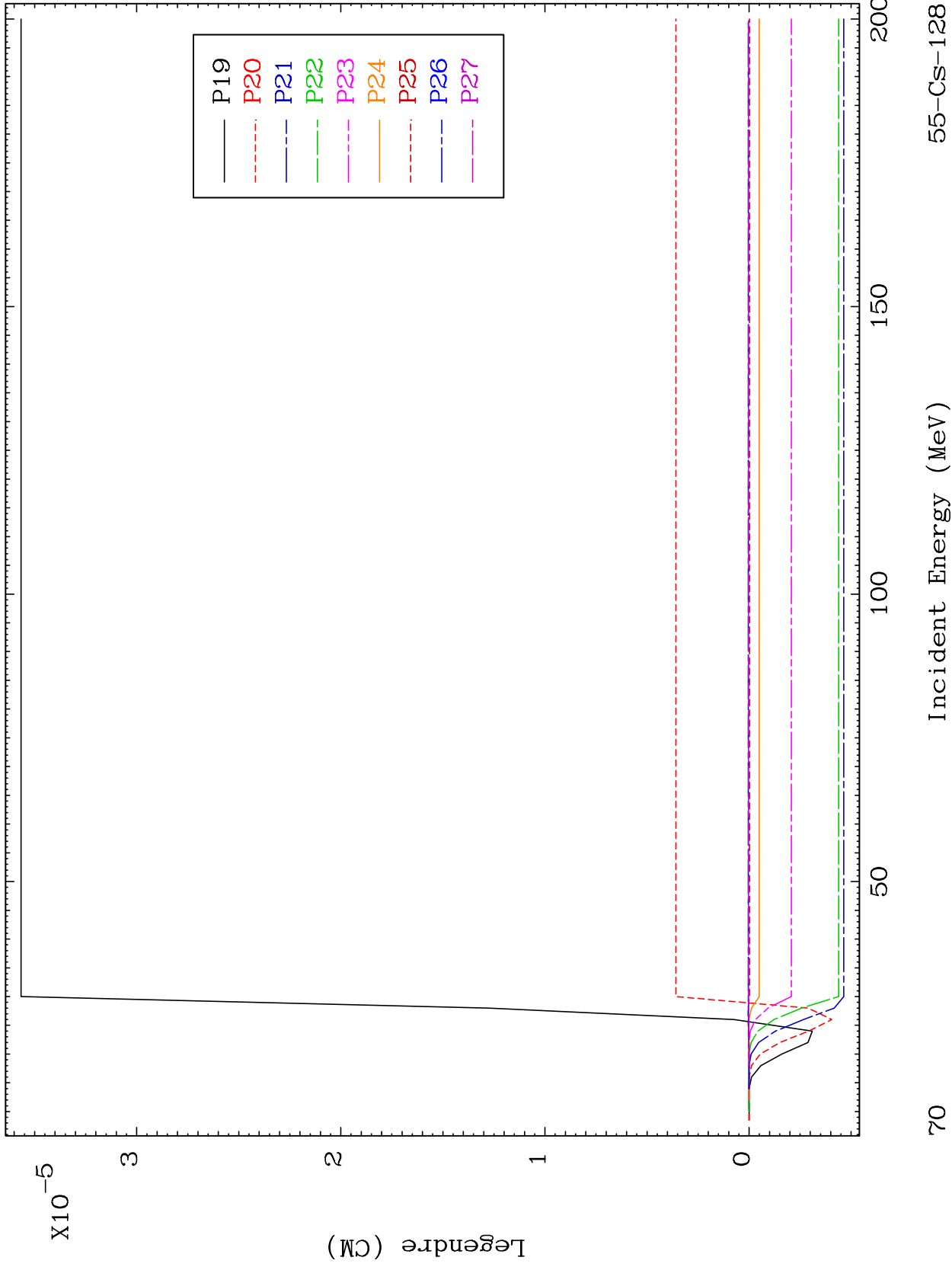




MAT 5510

622.0 keV (n,n') Level
Legendre Coefficients

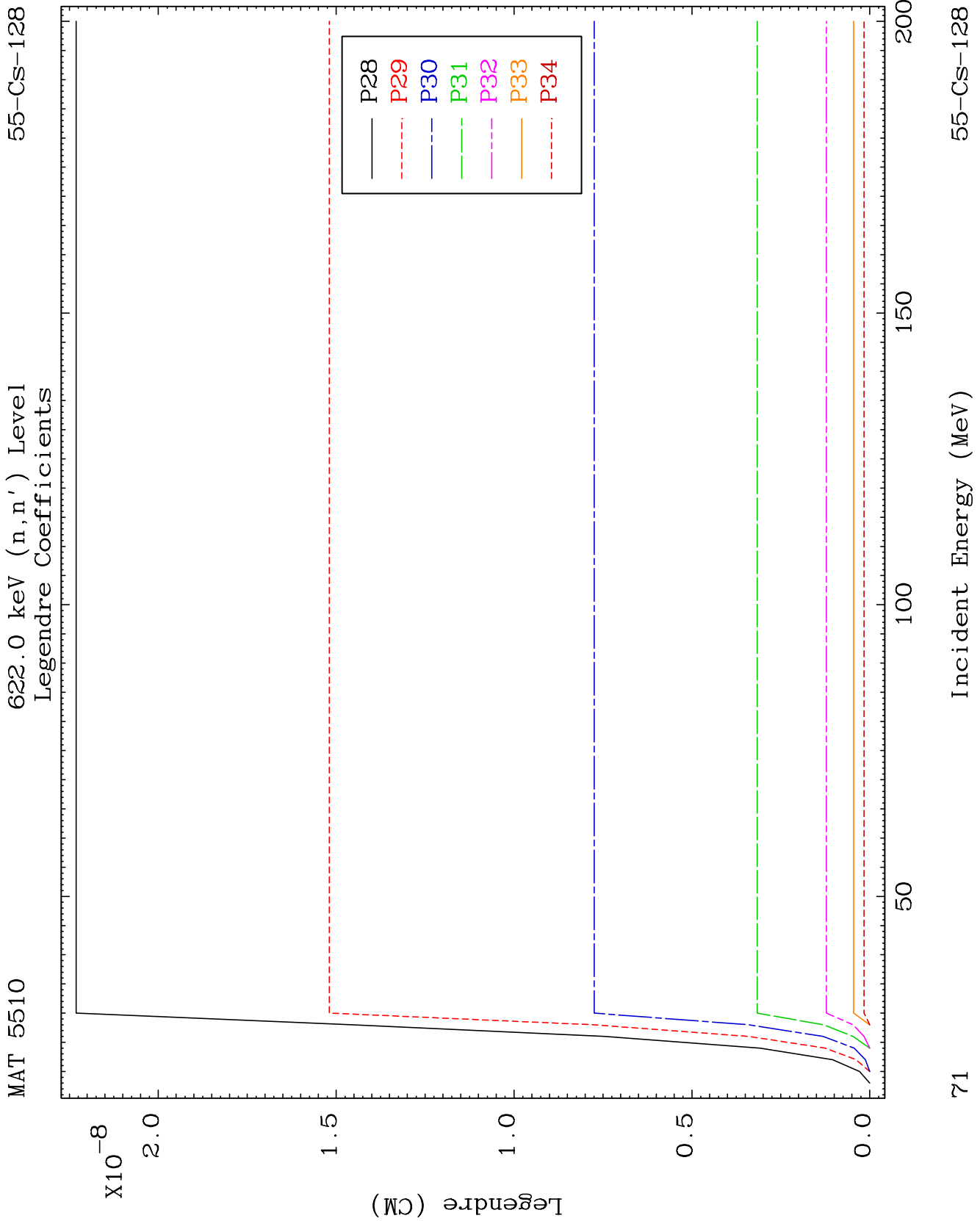
55-Cs-128

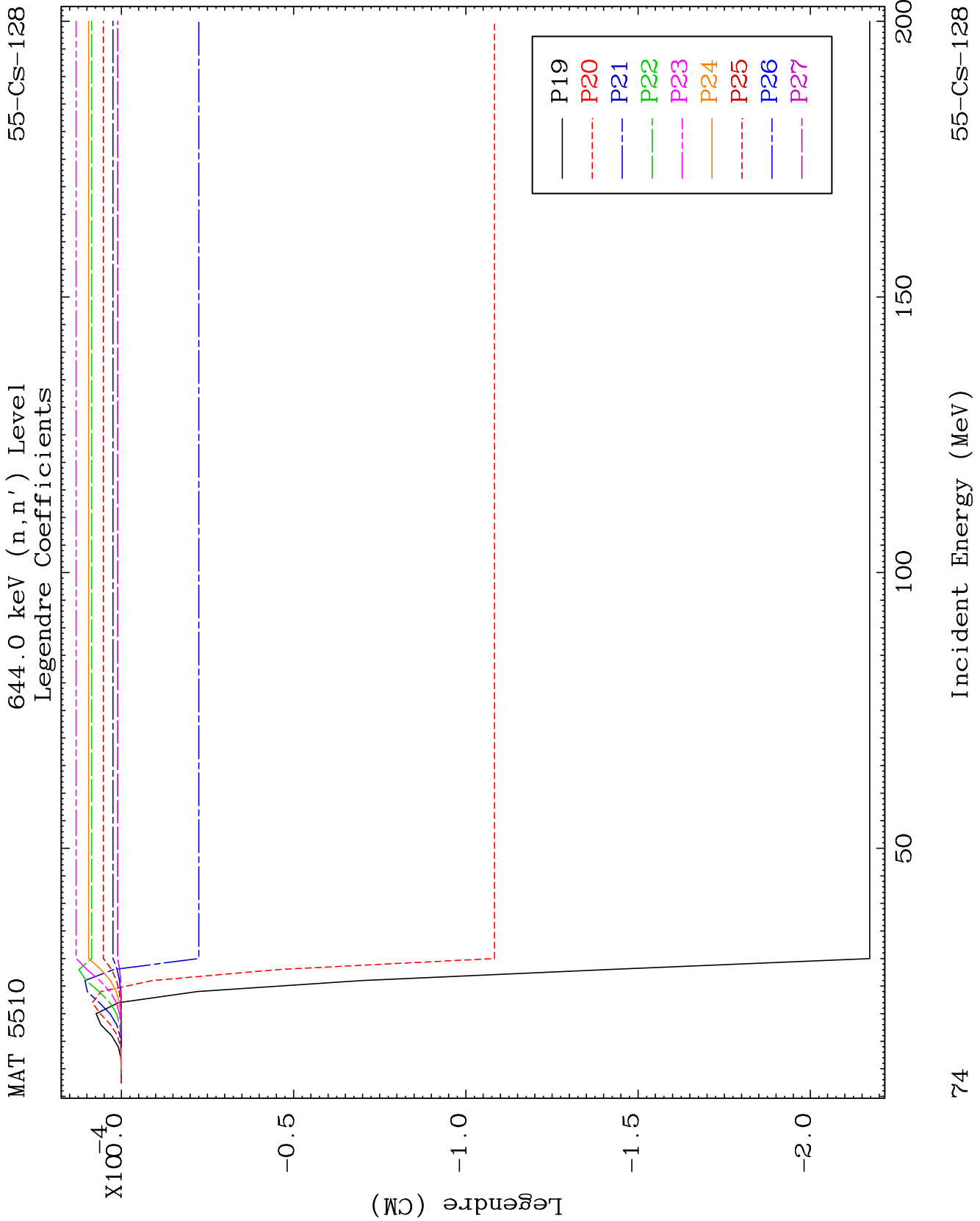


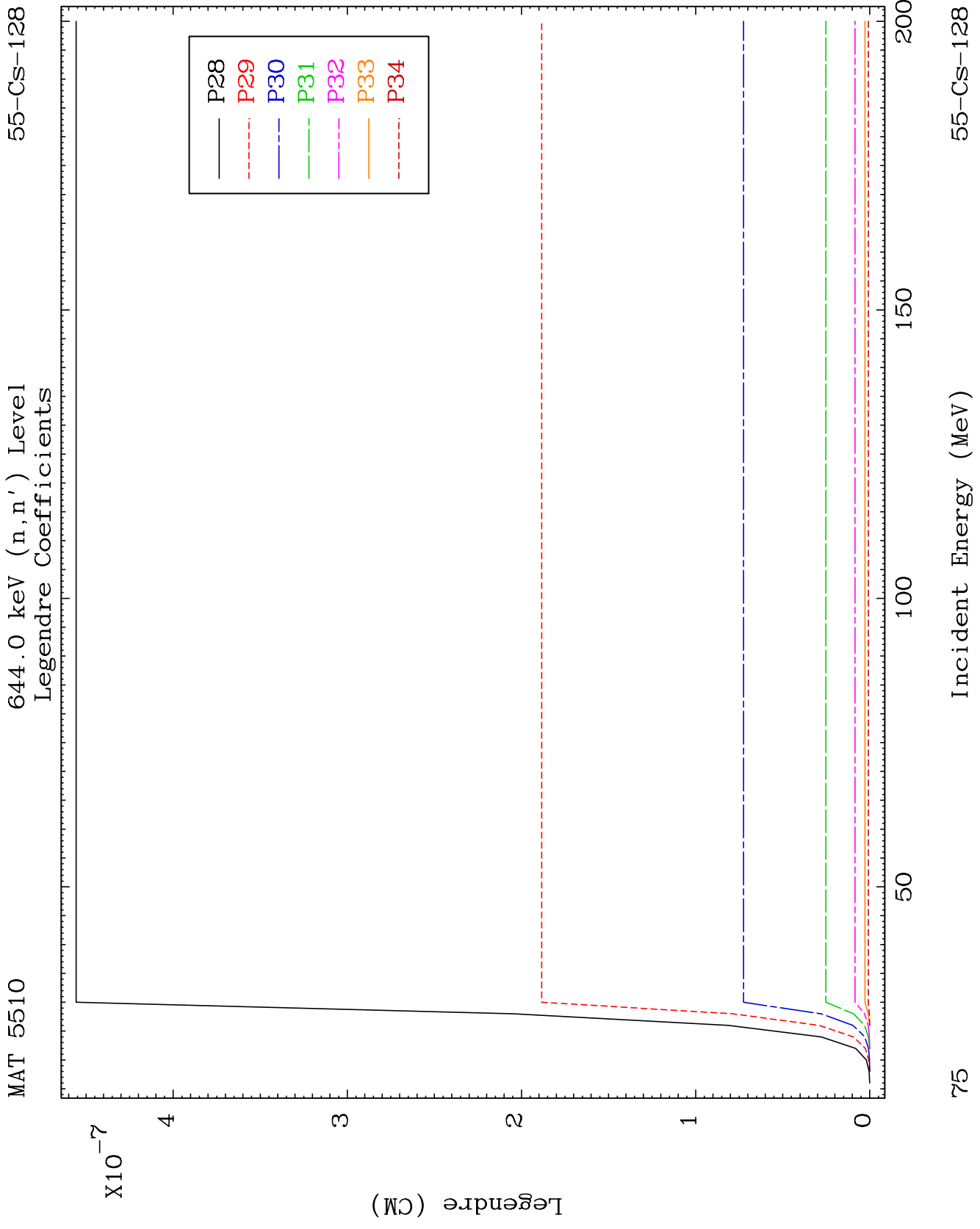
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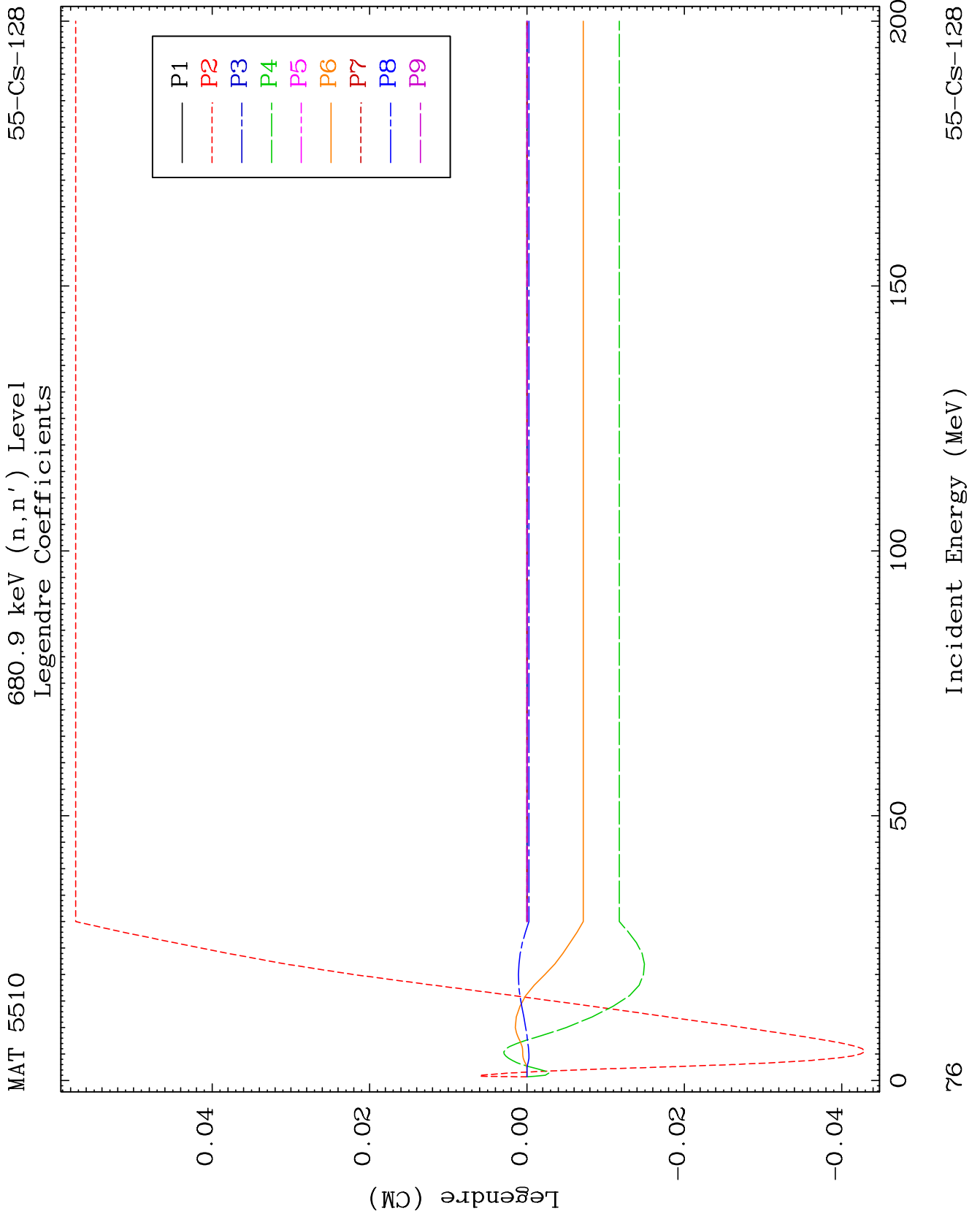
Incident Energy (MeV)

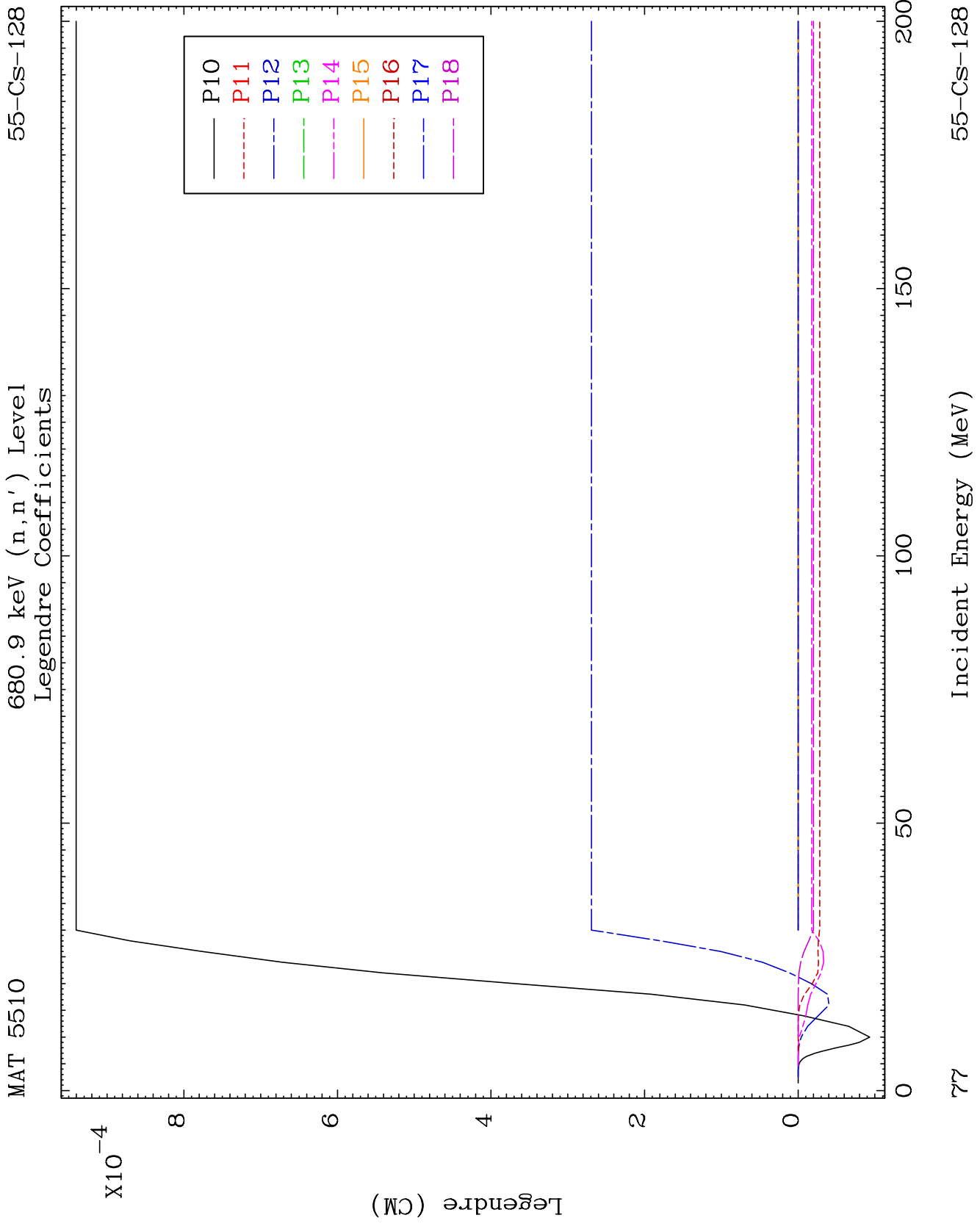
55-Cs-128

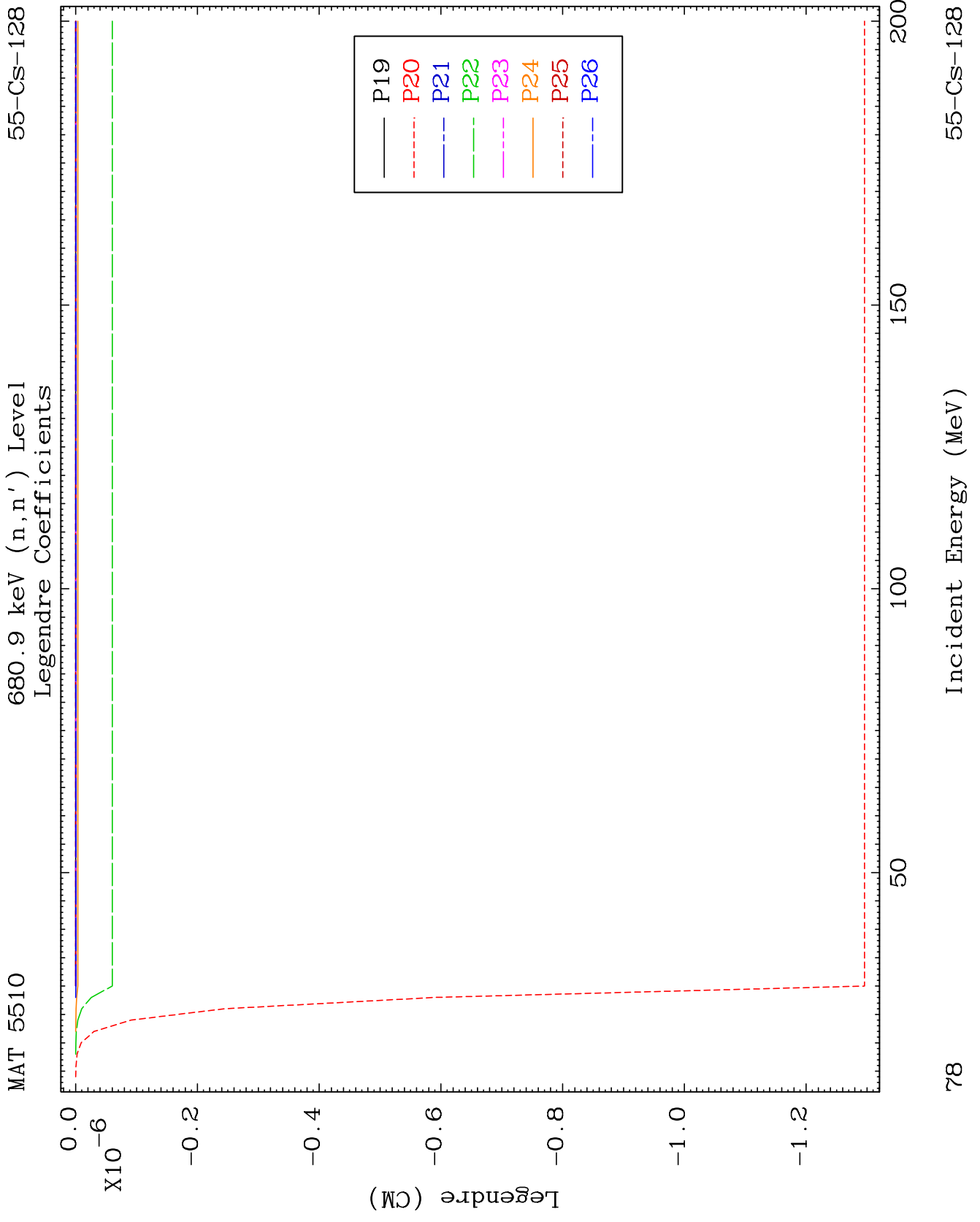


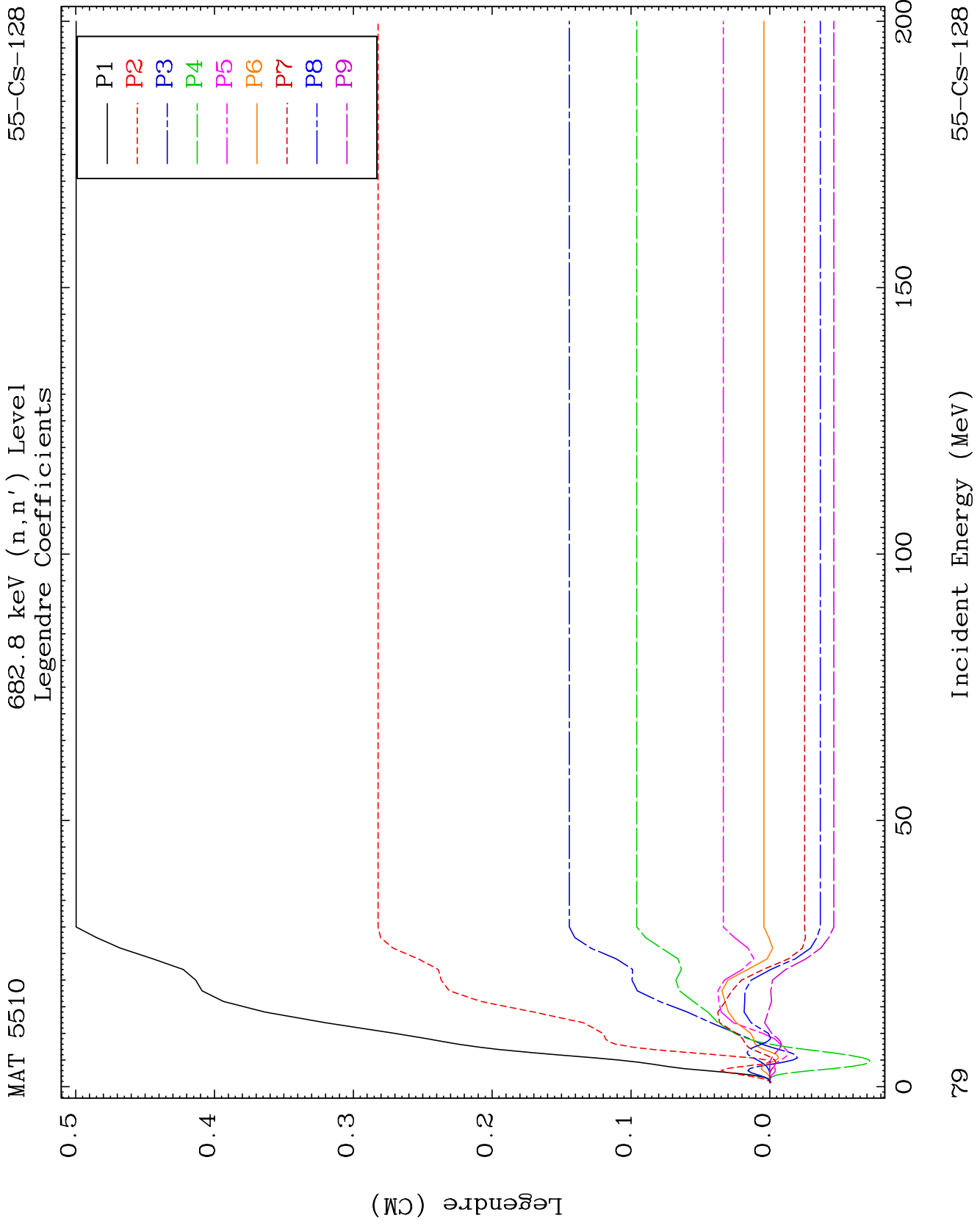


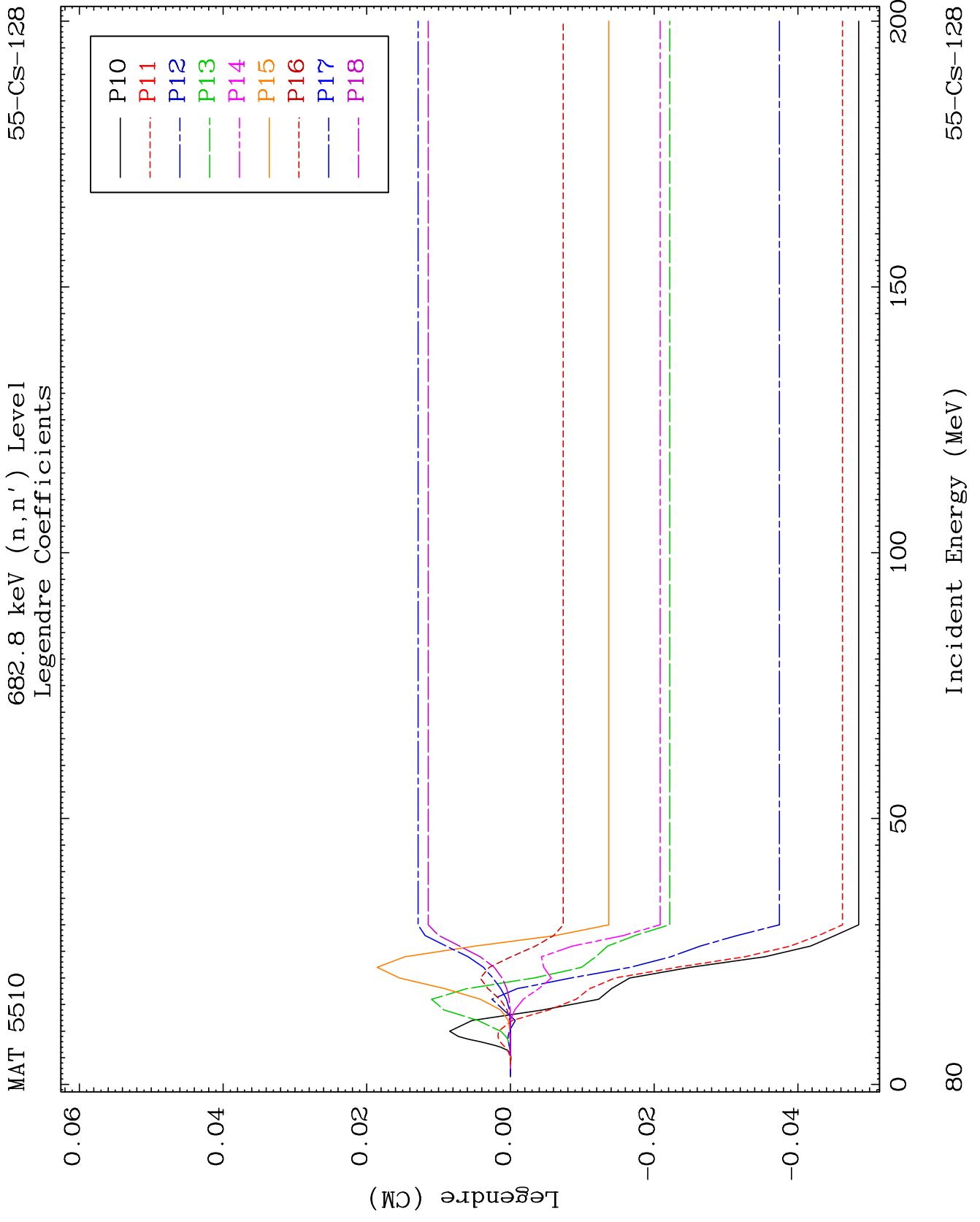


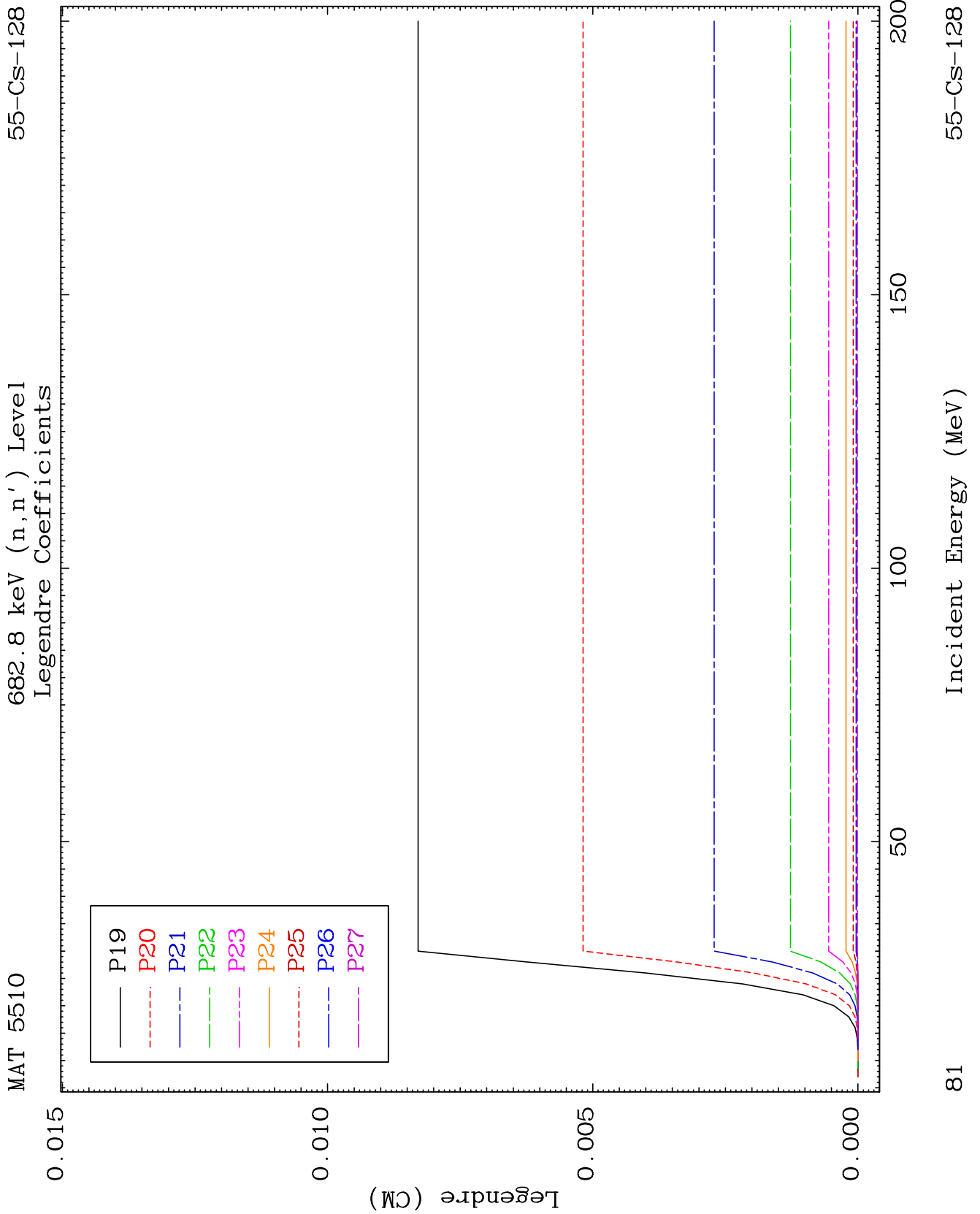


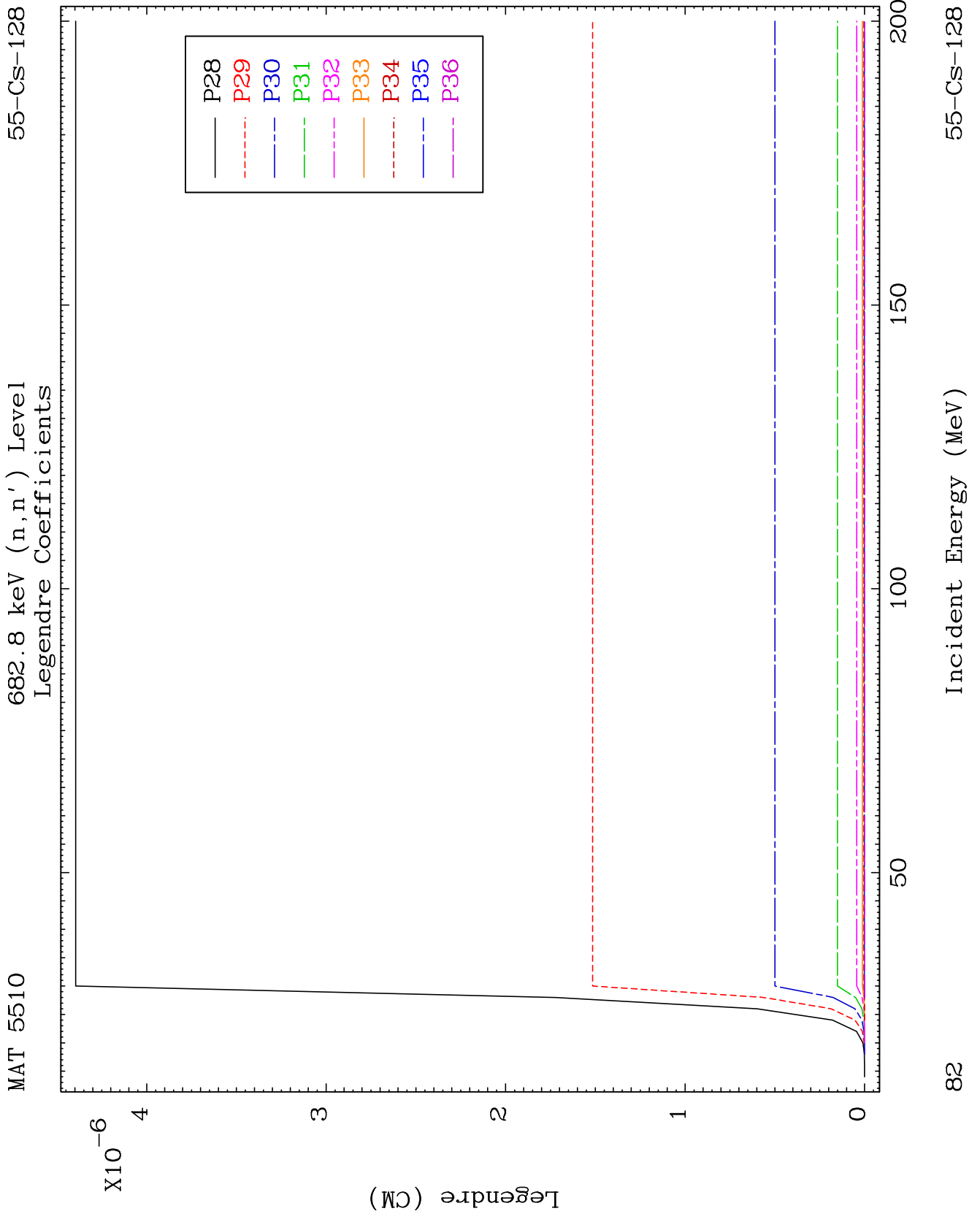


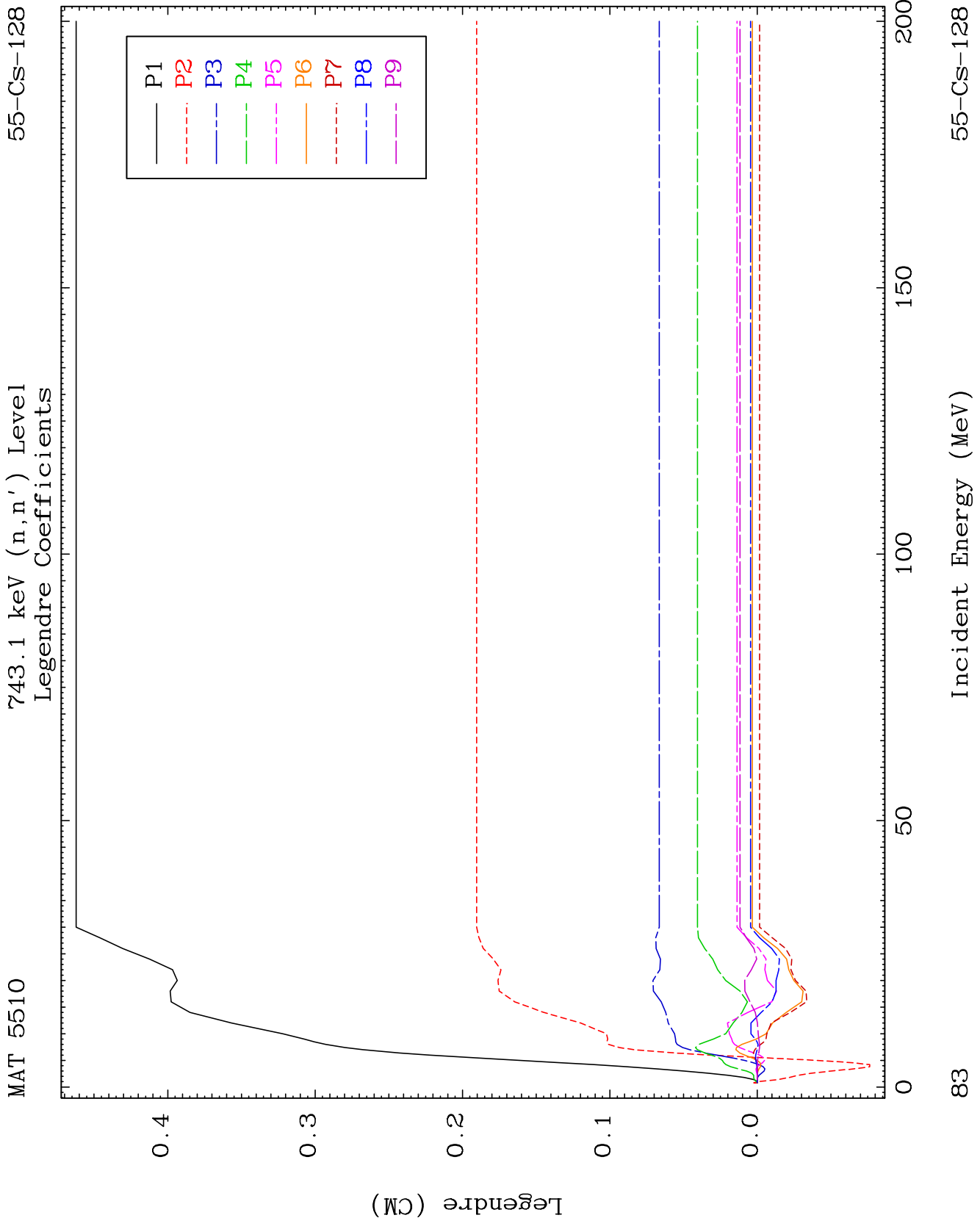








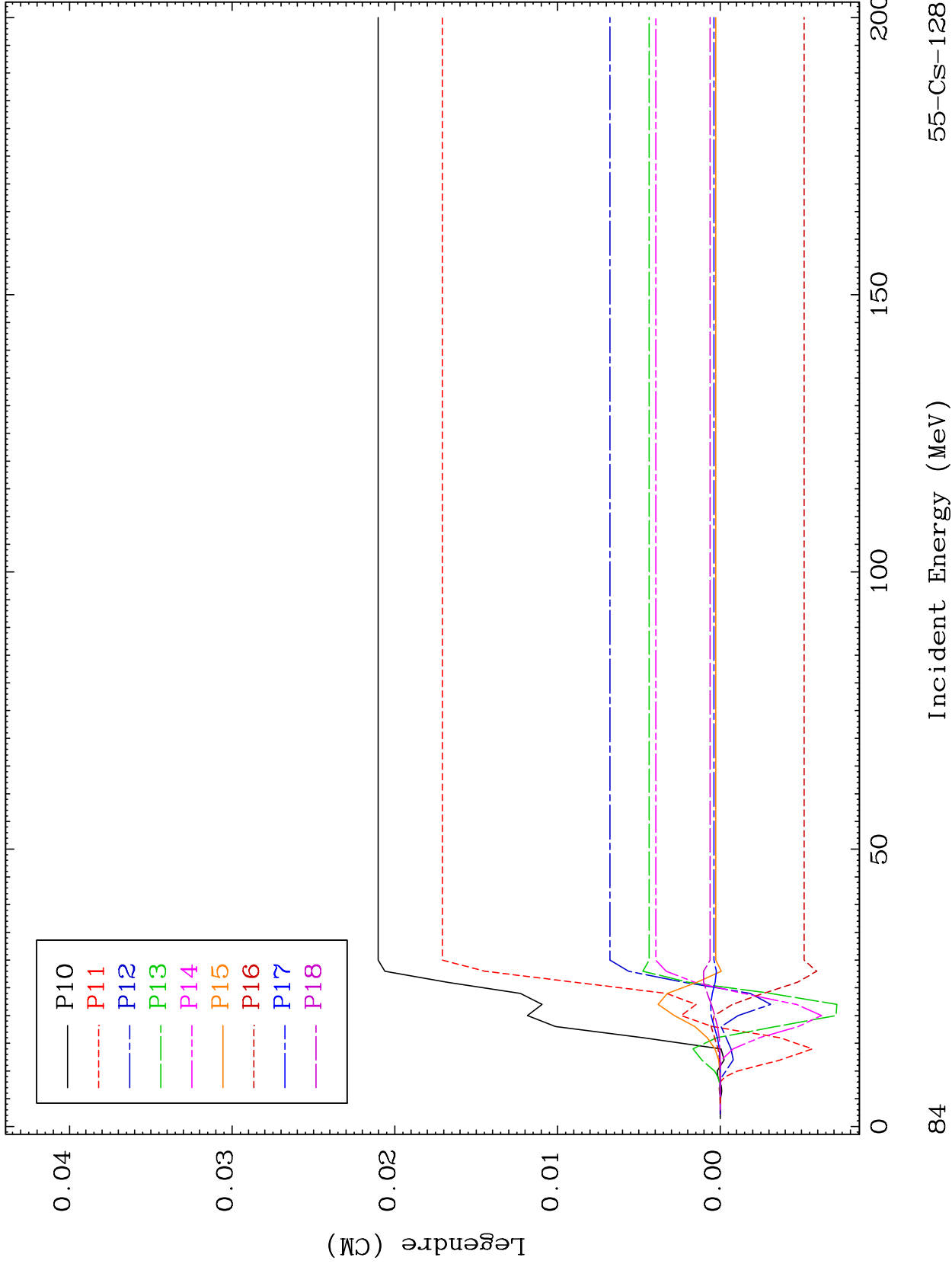




MAT 5510

743.1 keV (n,n') Level
Legendre Coefficients

55-Cs-128



84

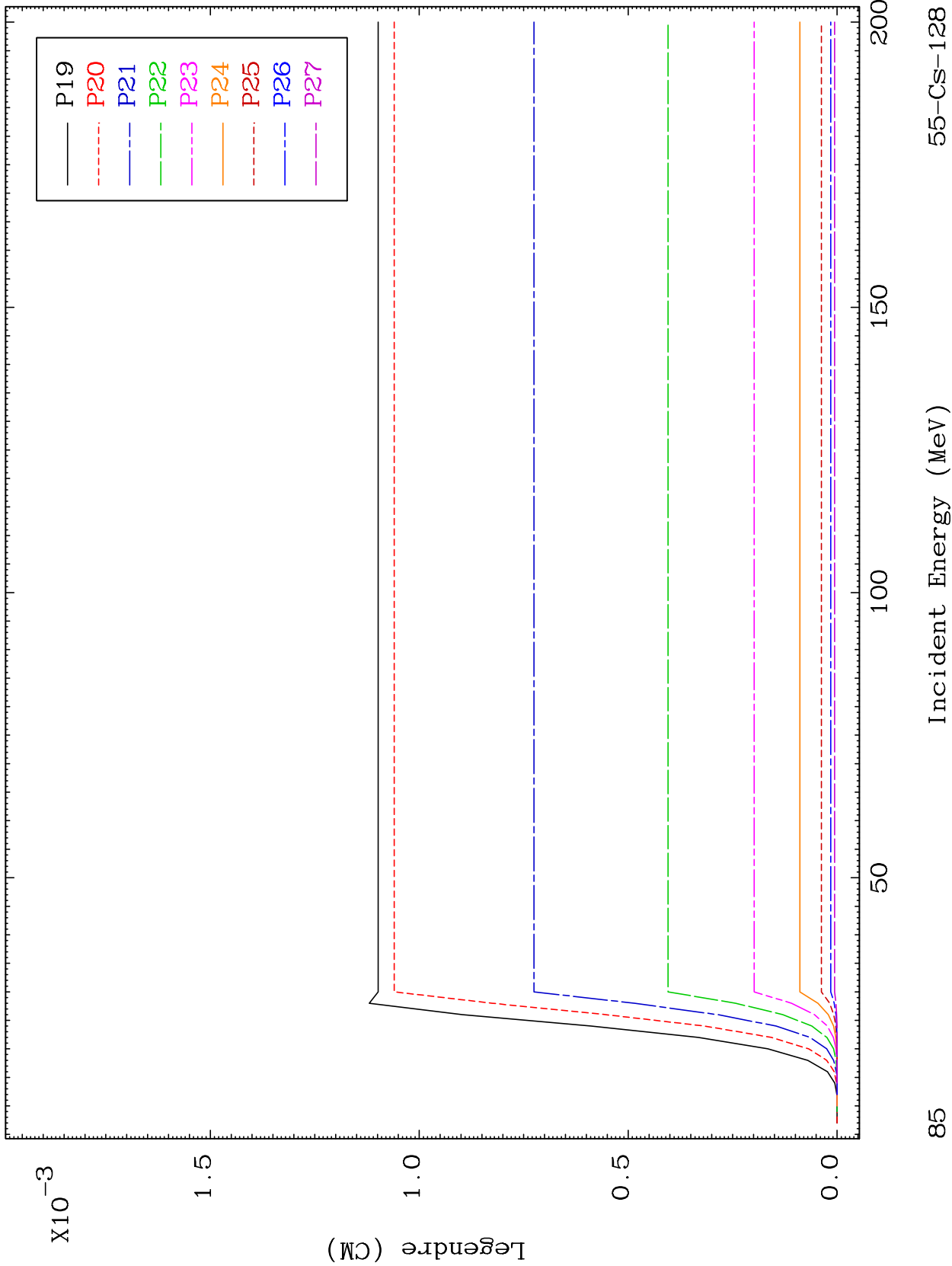
Incident Energy (MeV)

55-Cs-128

MAT 5510

743.1 keV (n,n') Level
Legendre Coefficients

55-Cs-128



85

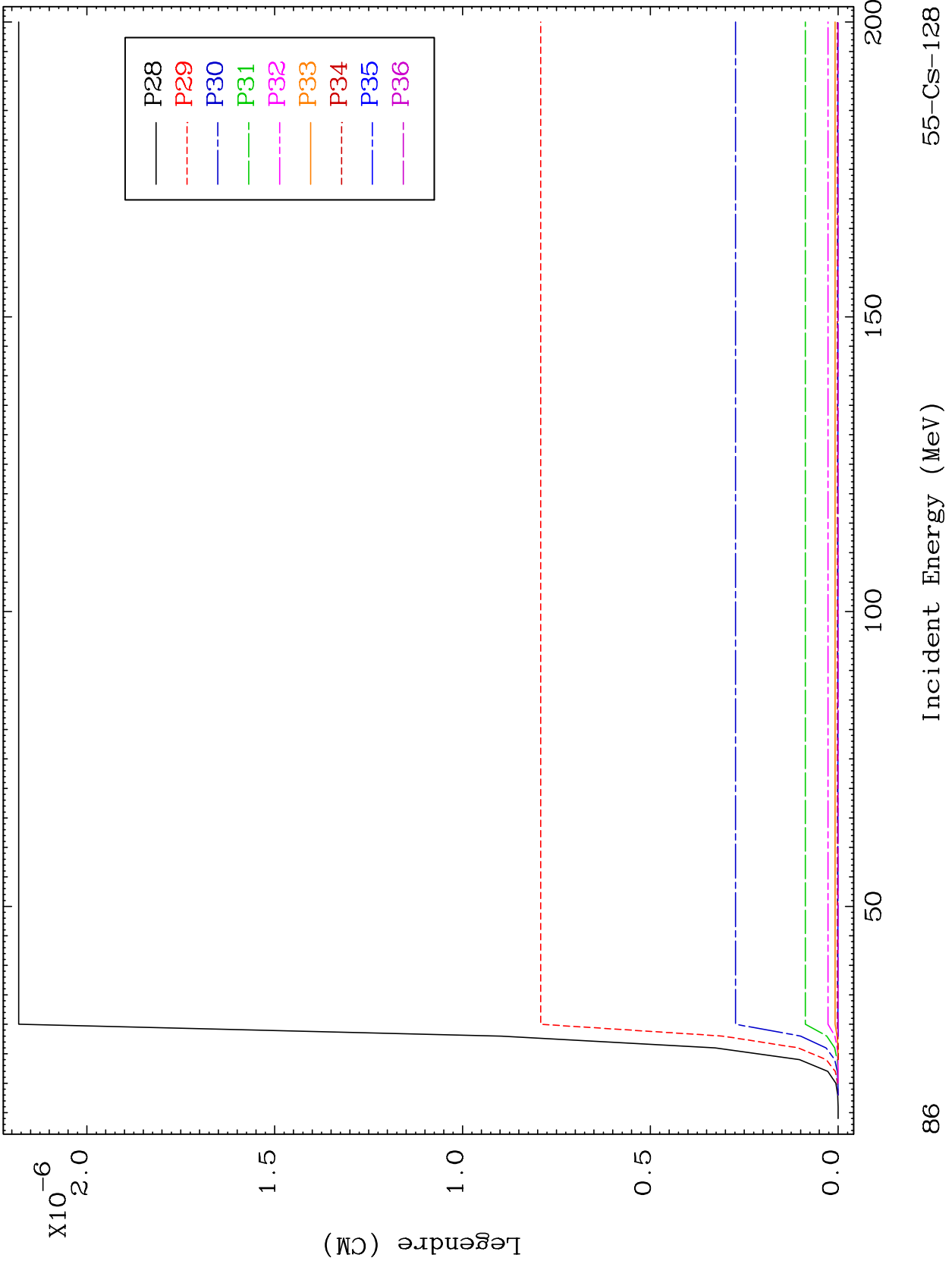
Incident Energy (MeV)

55-Cs-128

MAT 5510

743.1 keV (n,n') Level
Legendre Coefficients

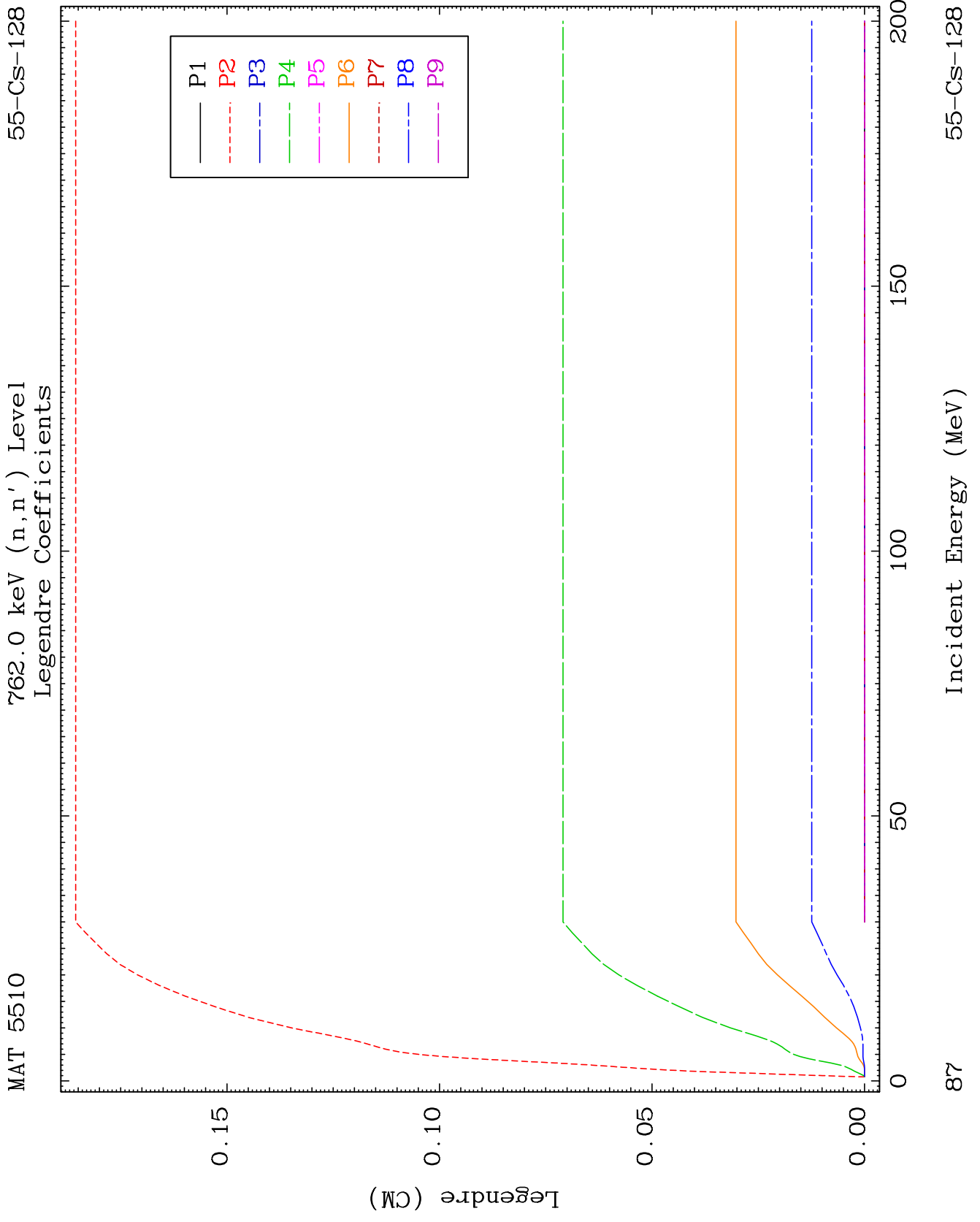
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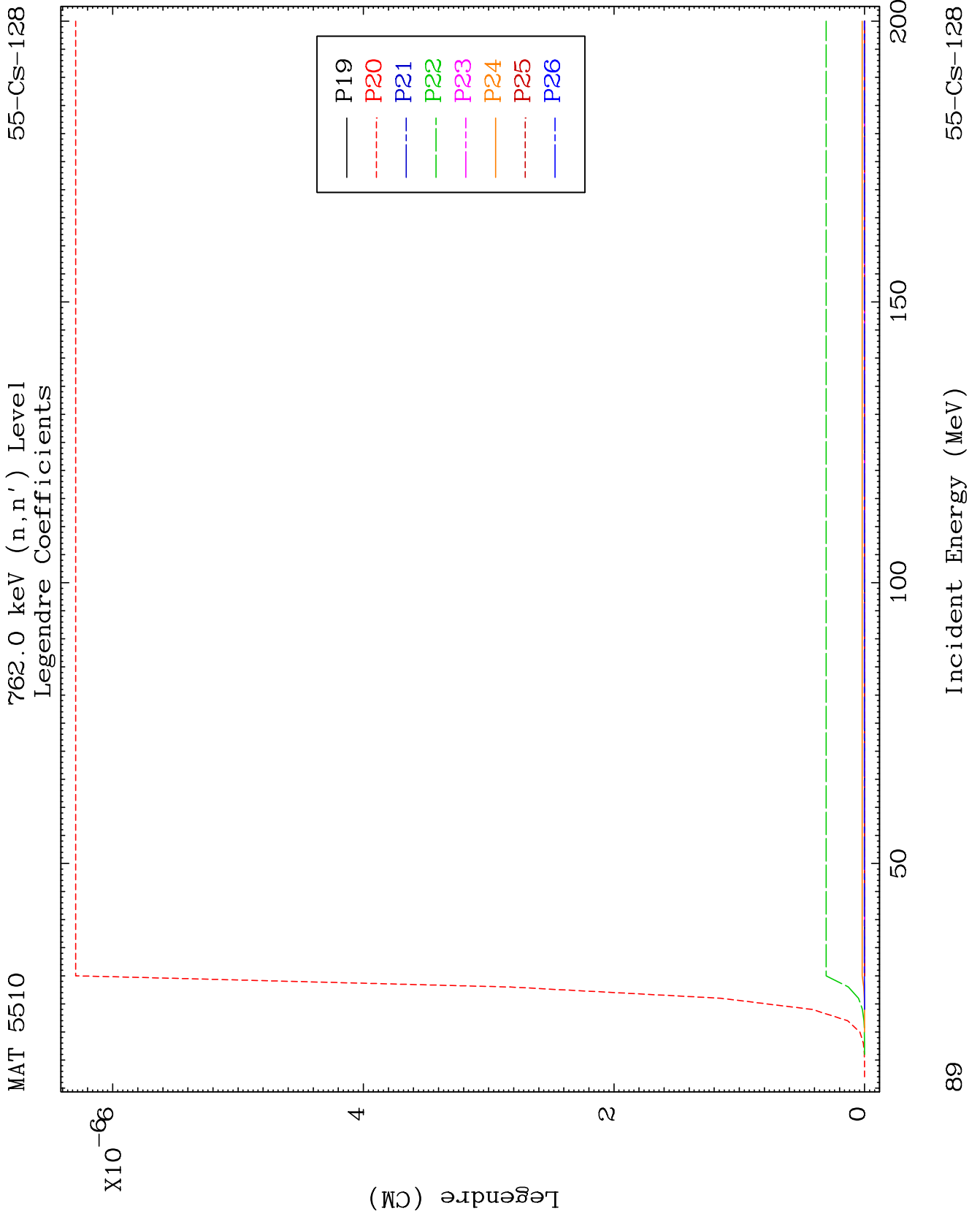


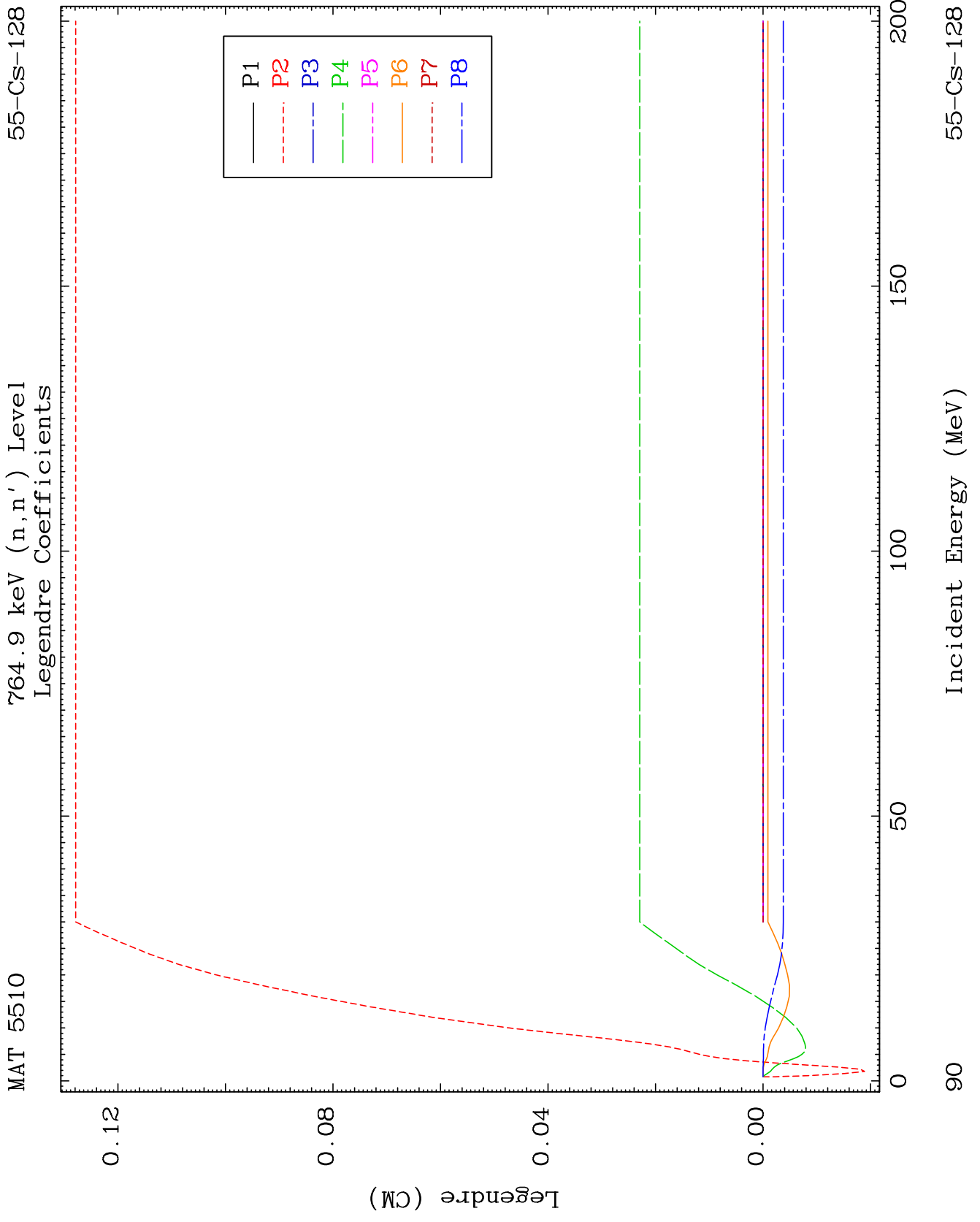
55-Cs-128

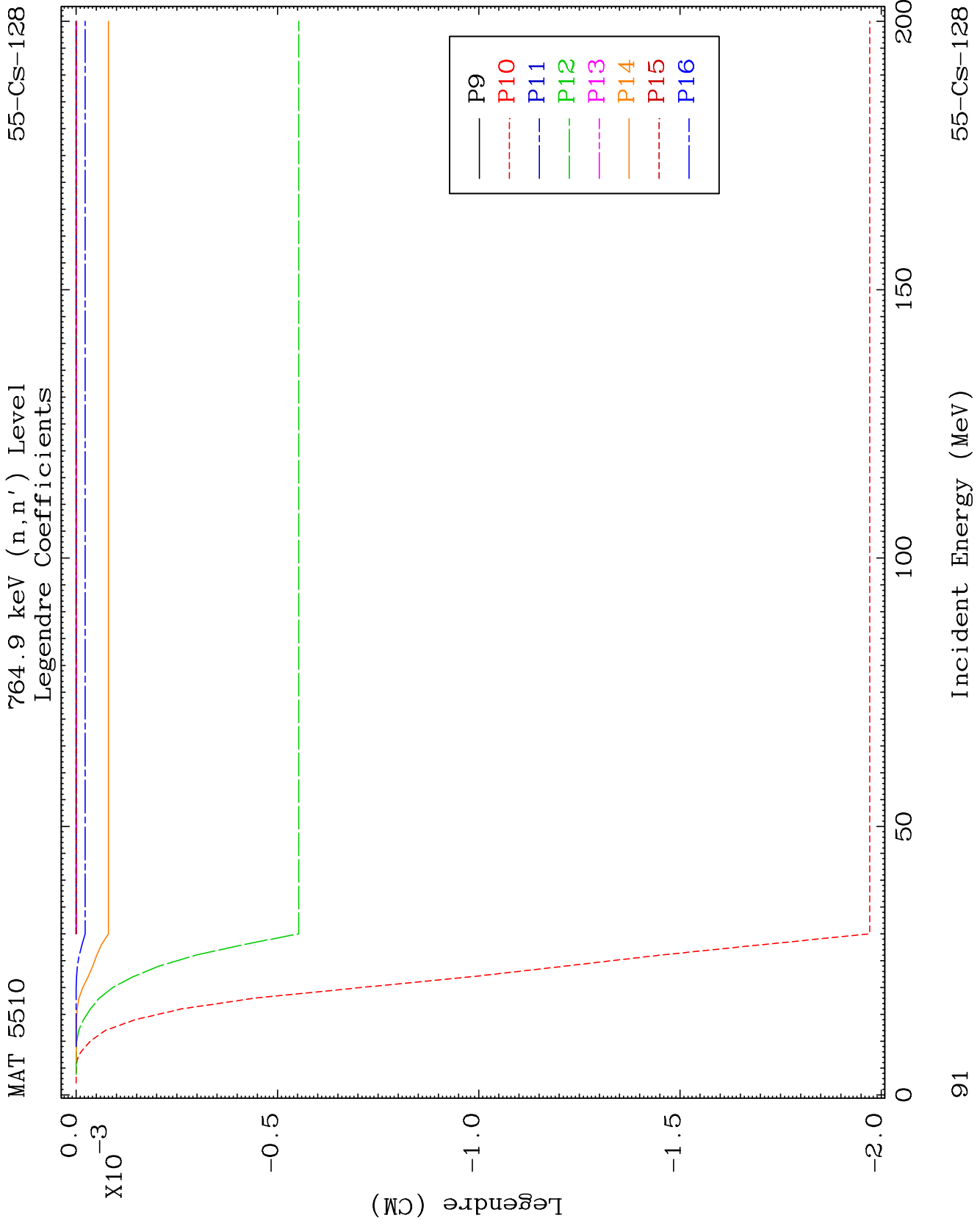
Incident Energy (MeV)

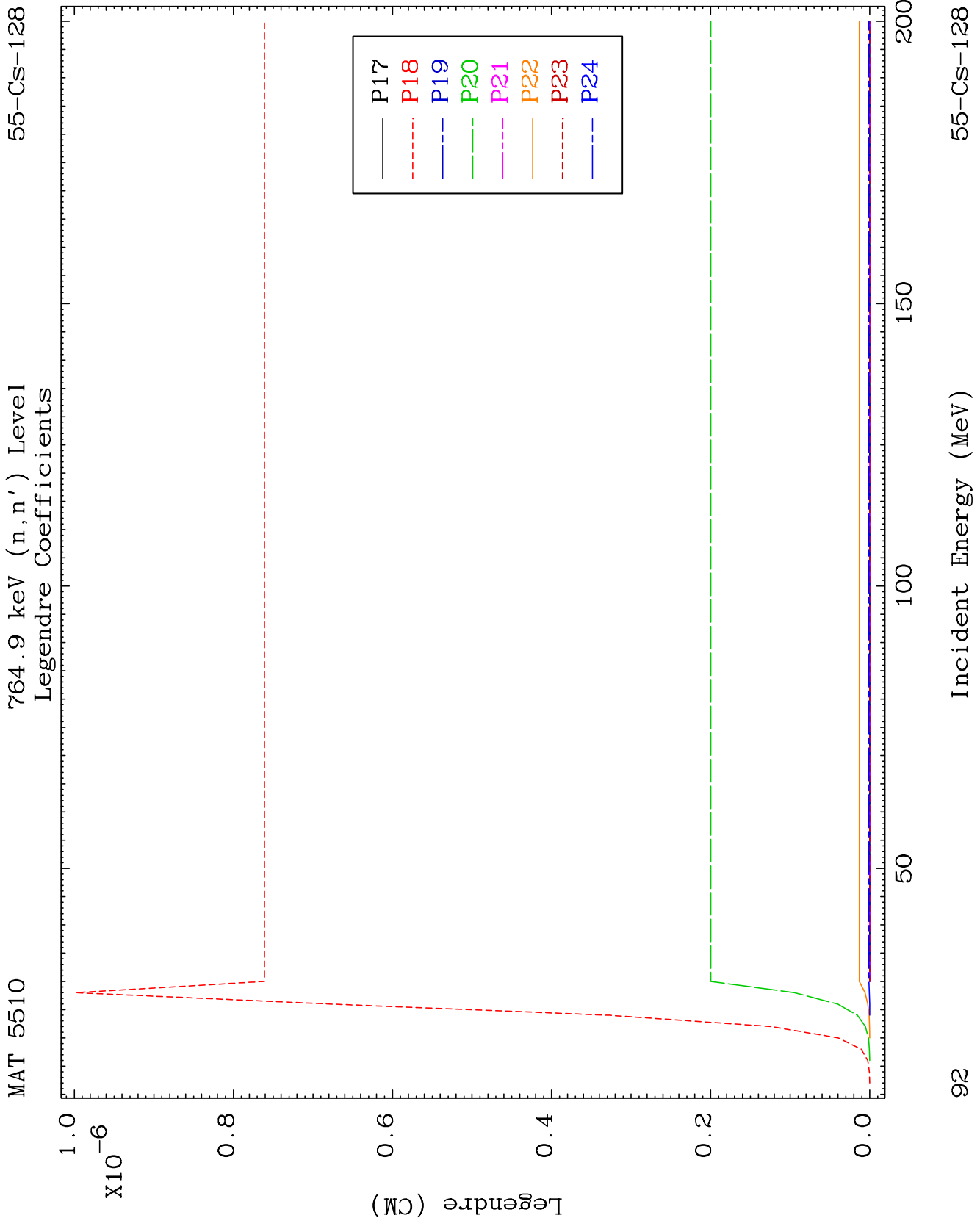
86







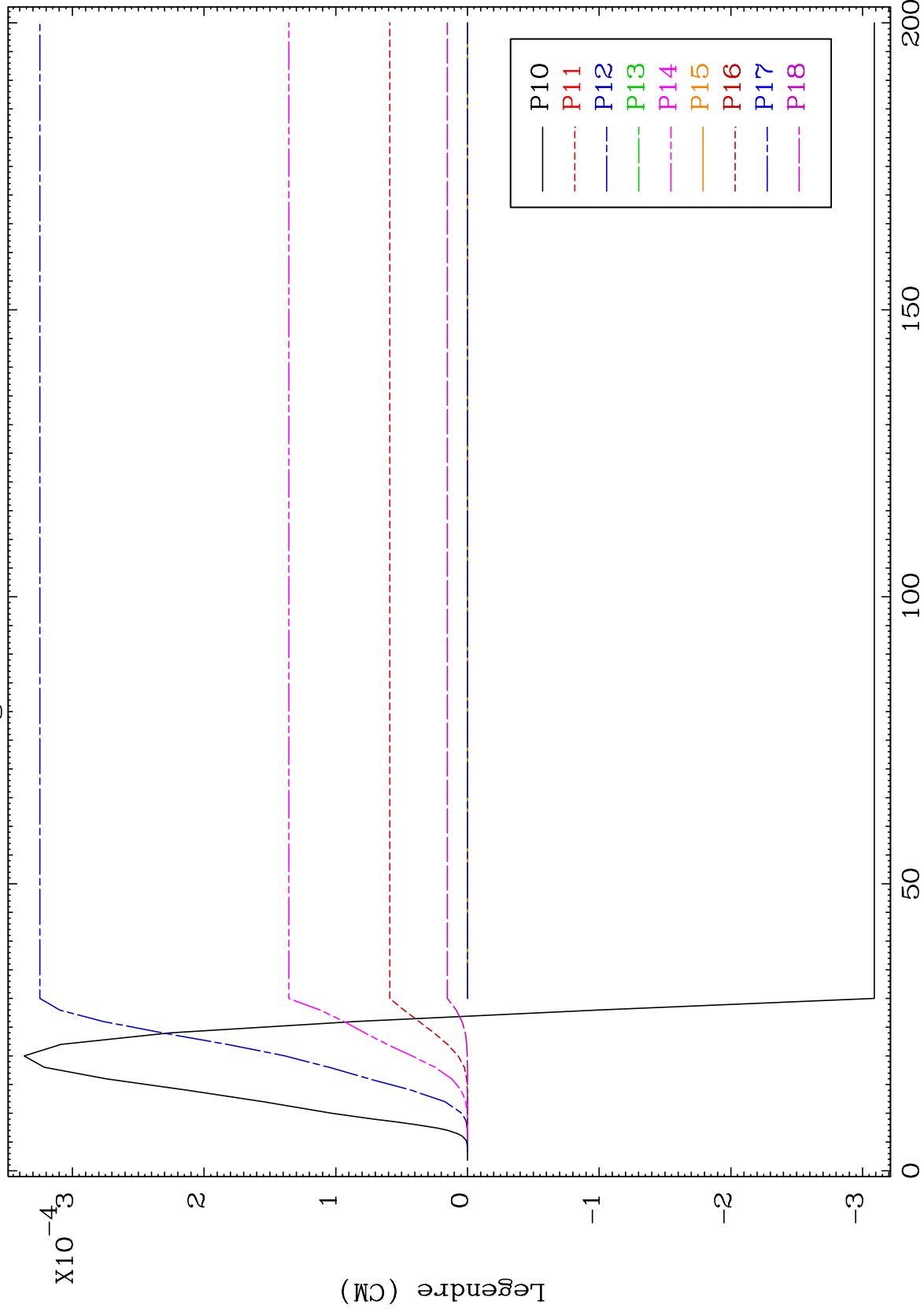




MAT 5510

784.8 keV (n,n') Level
Legendre Coefficients

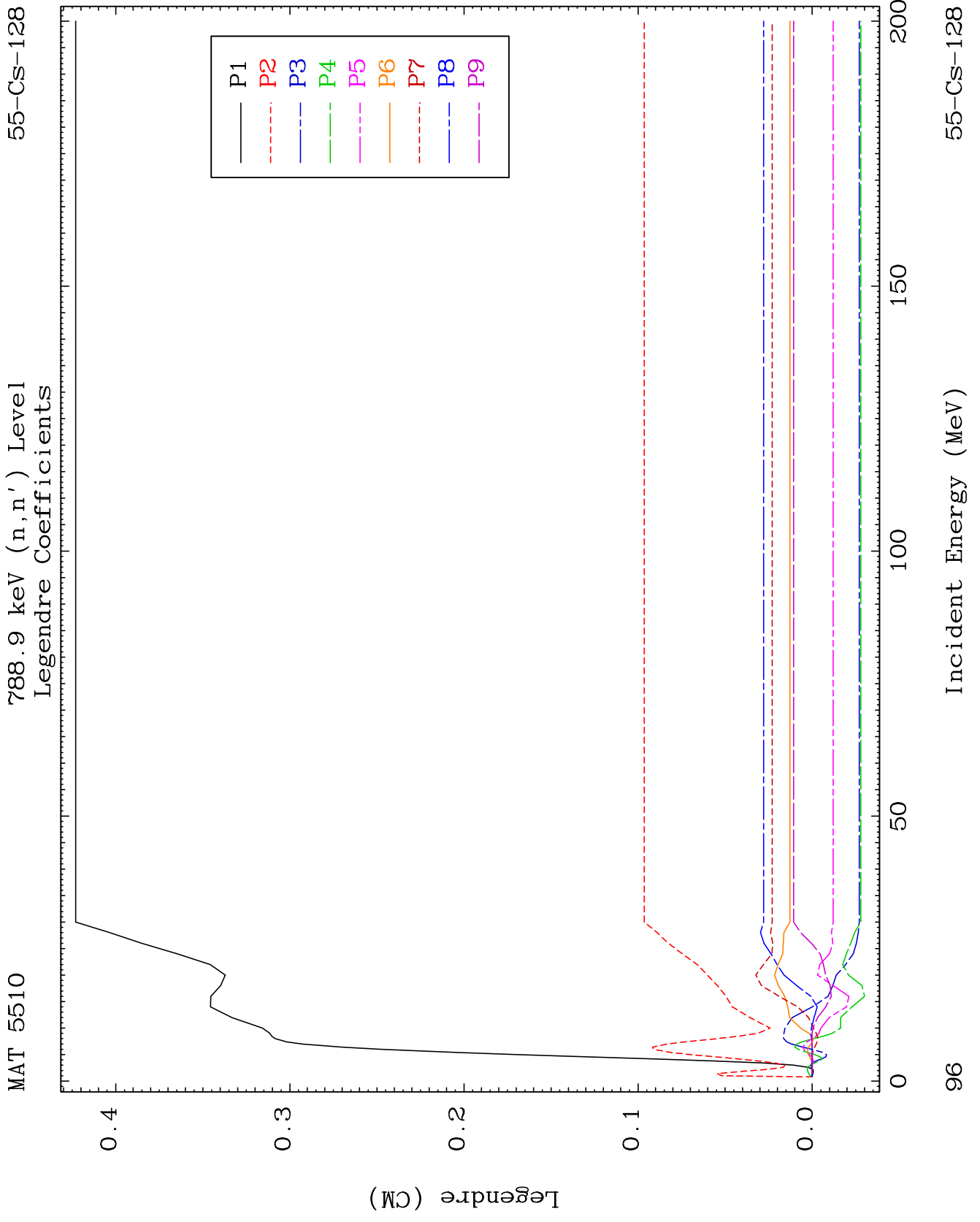
55-Cs-128

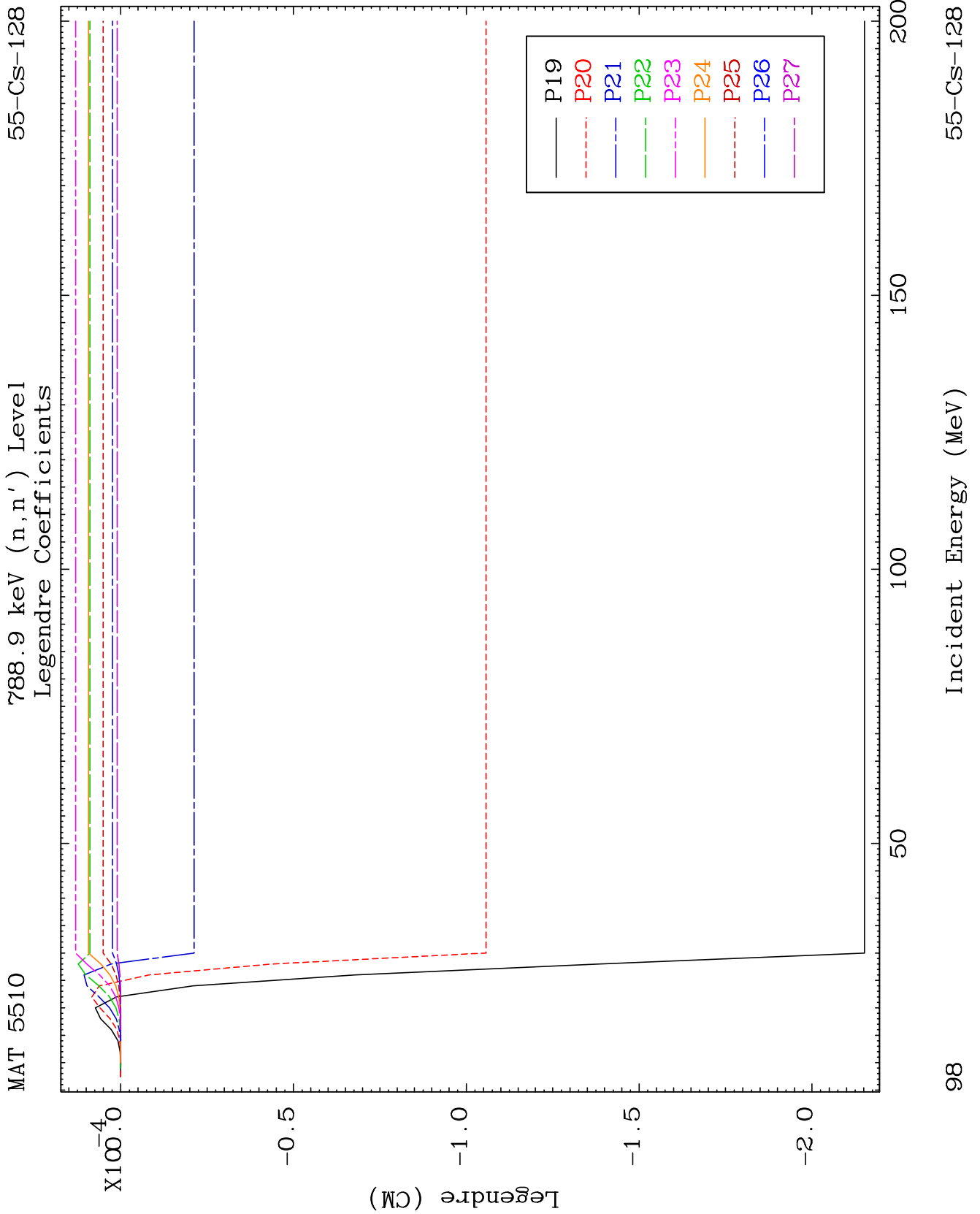


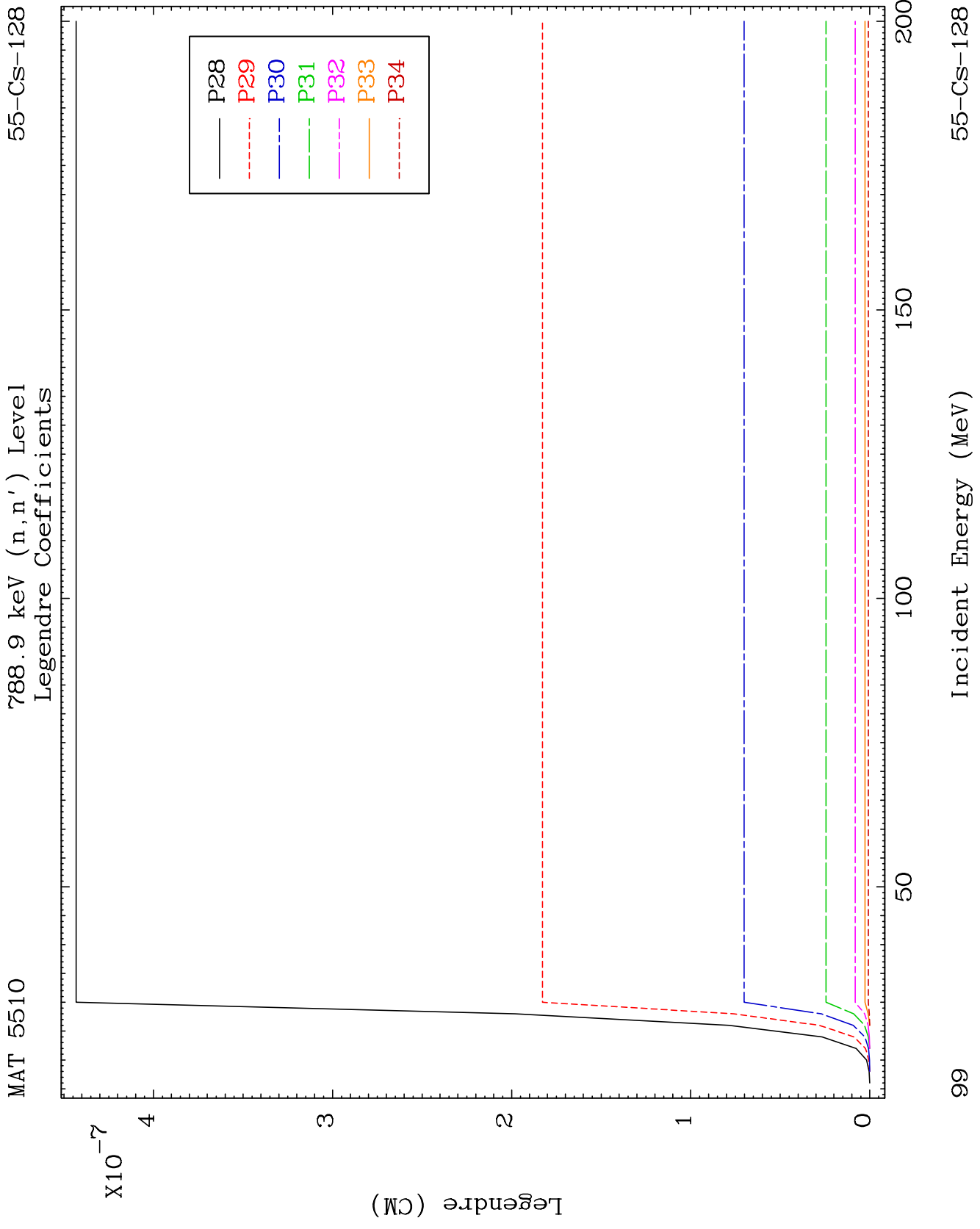
94

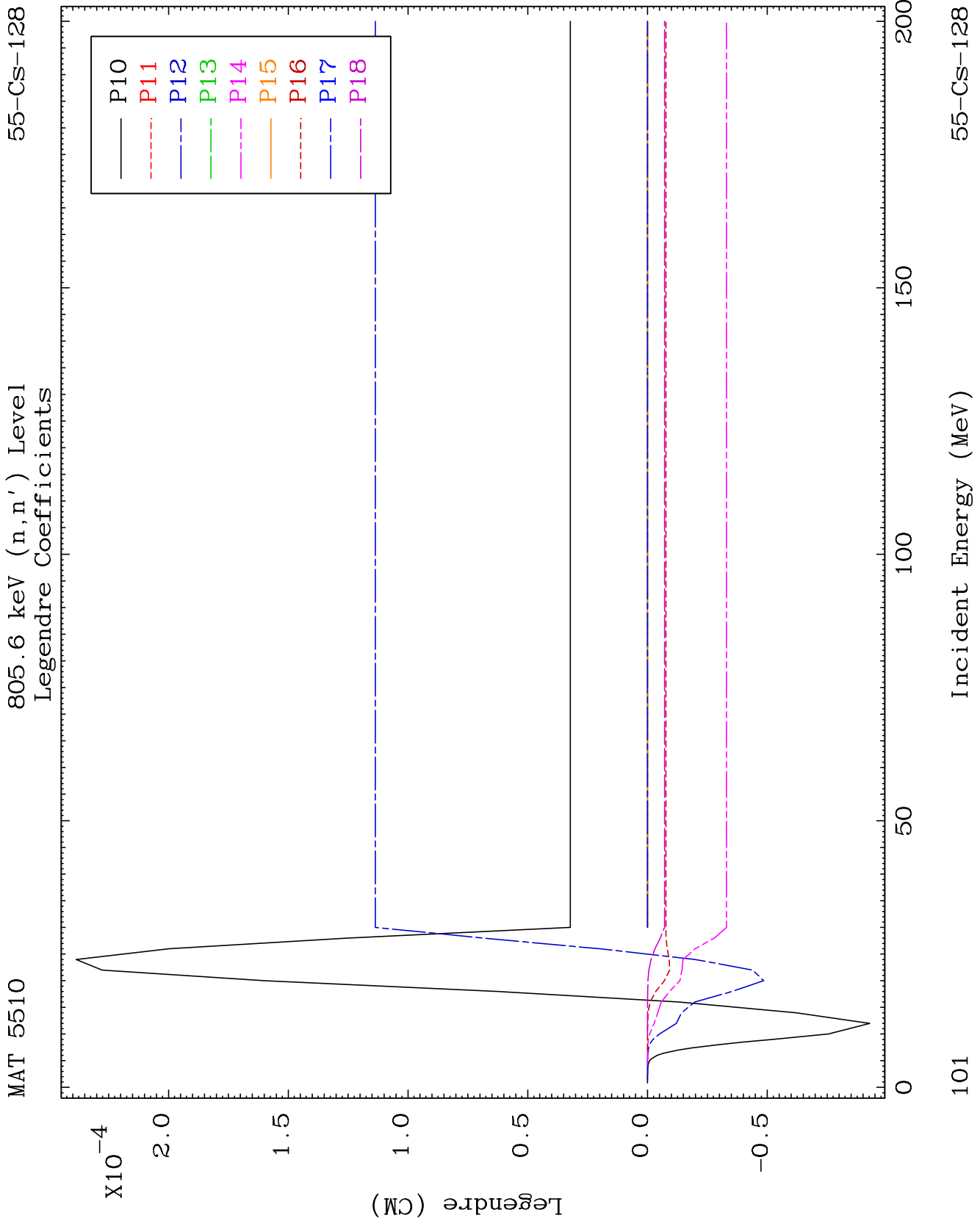
Incident Energy (MeV)

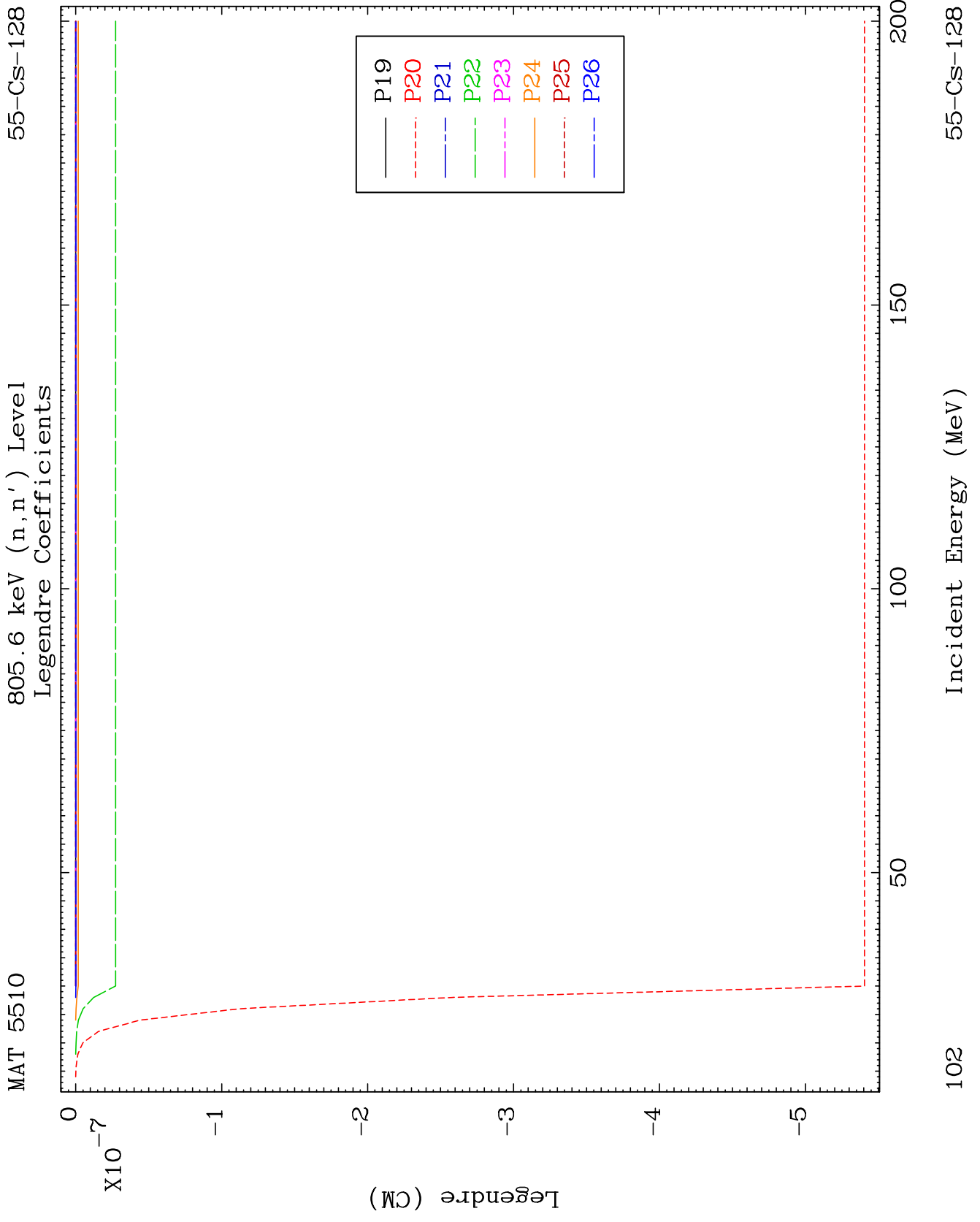
55-Cs-128

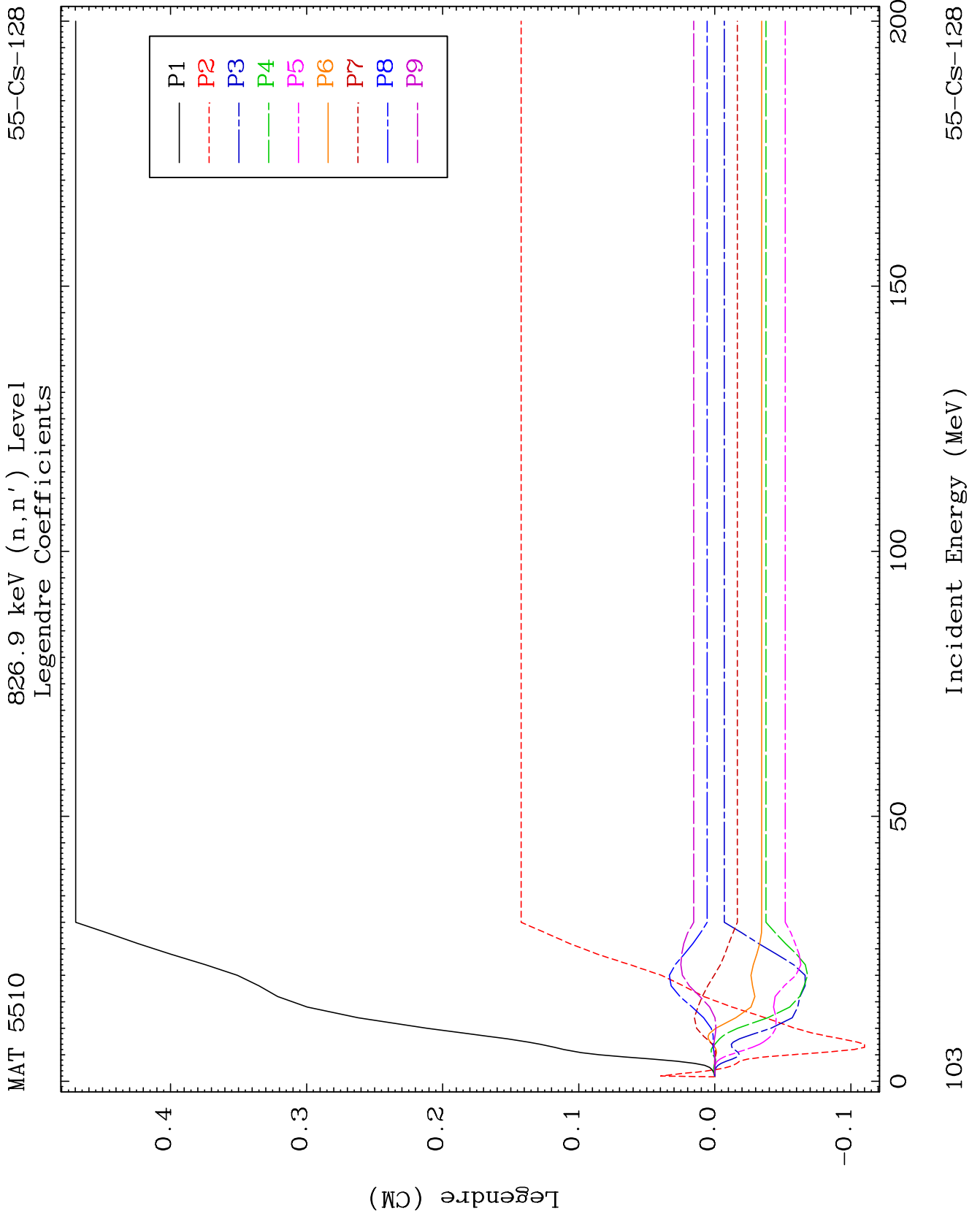


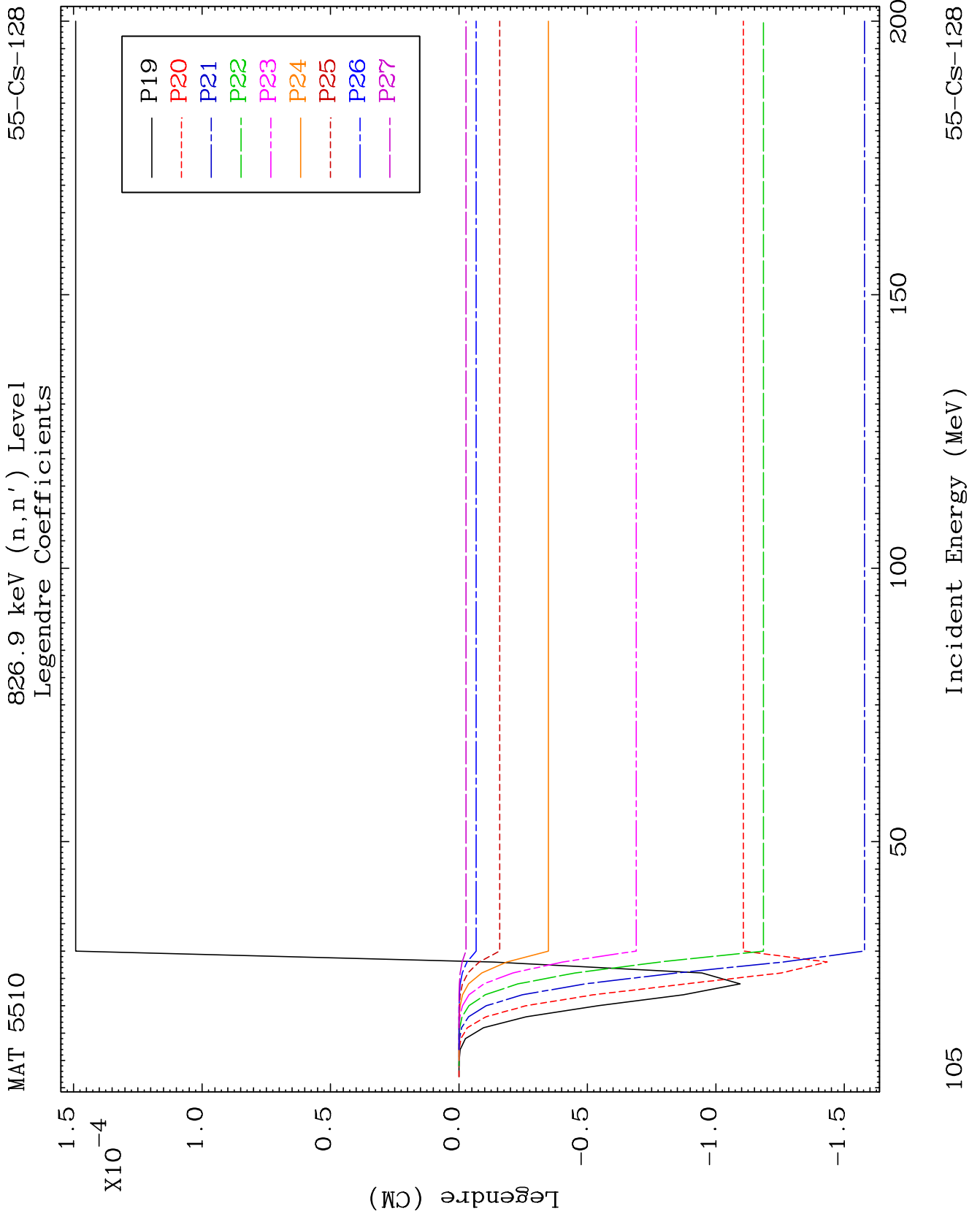


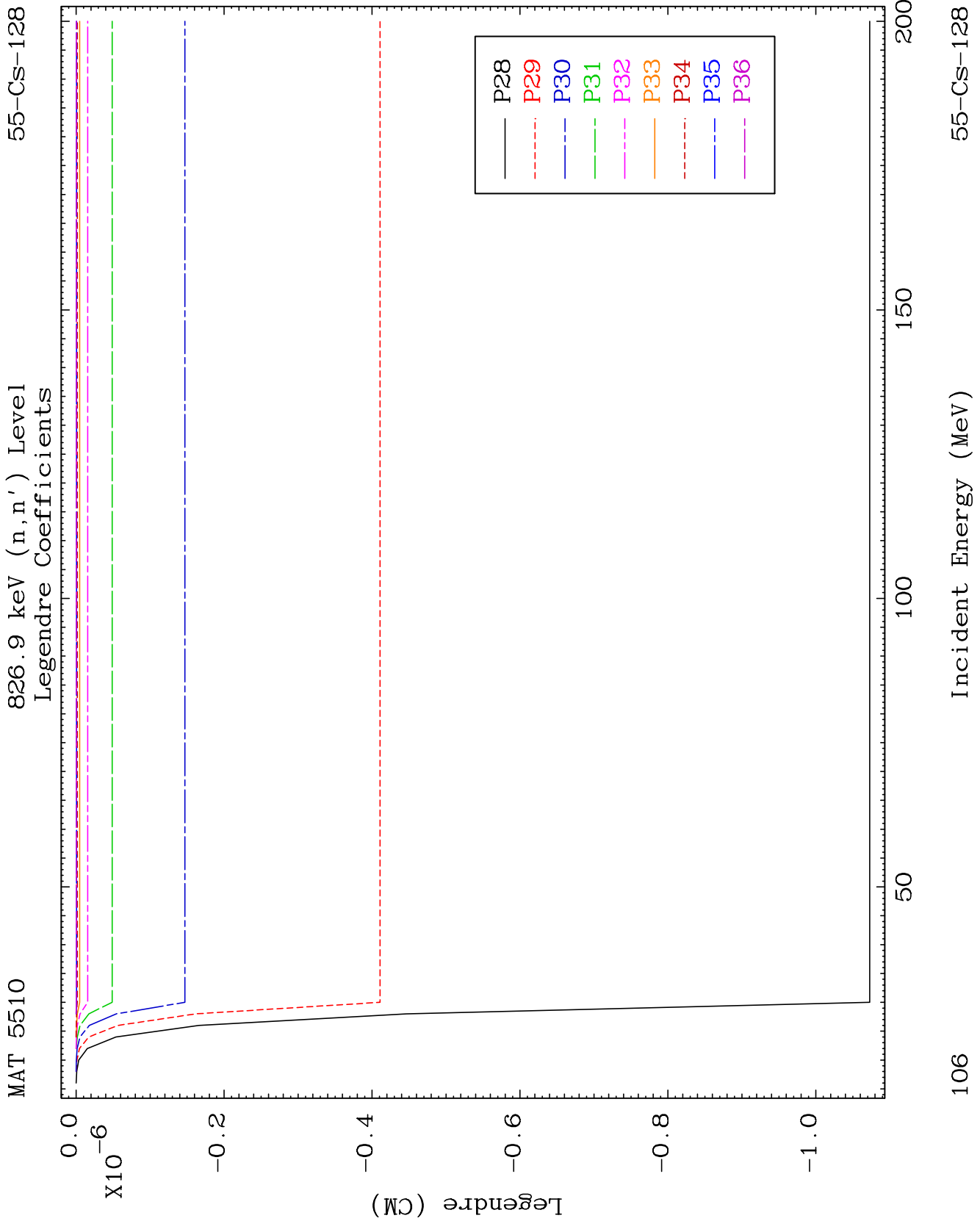


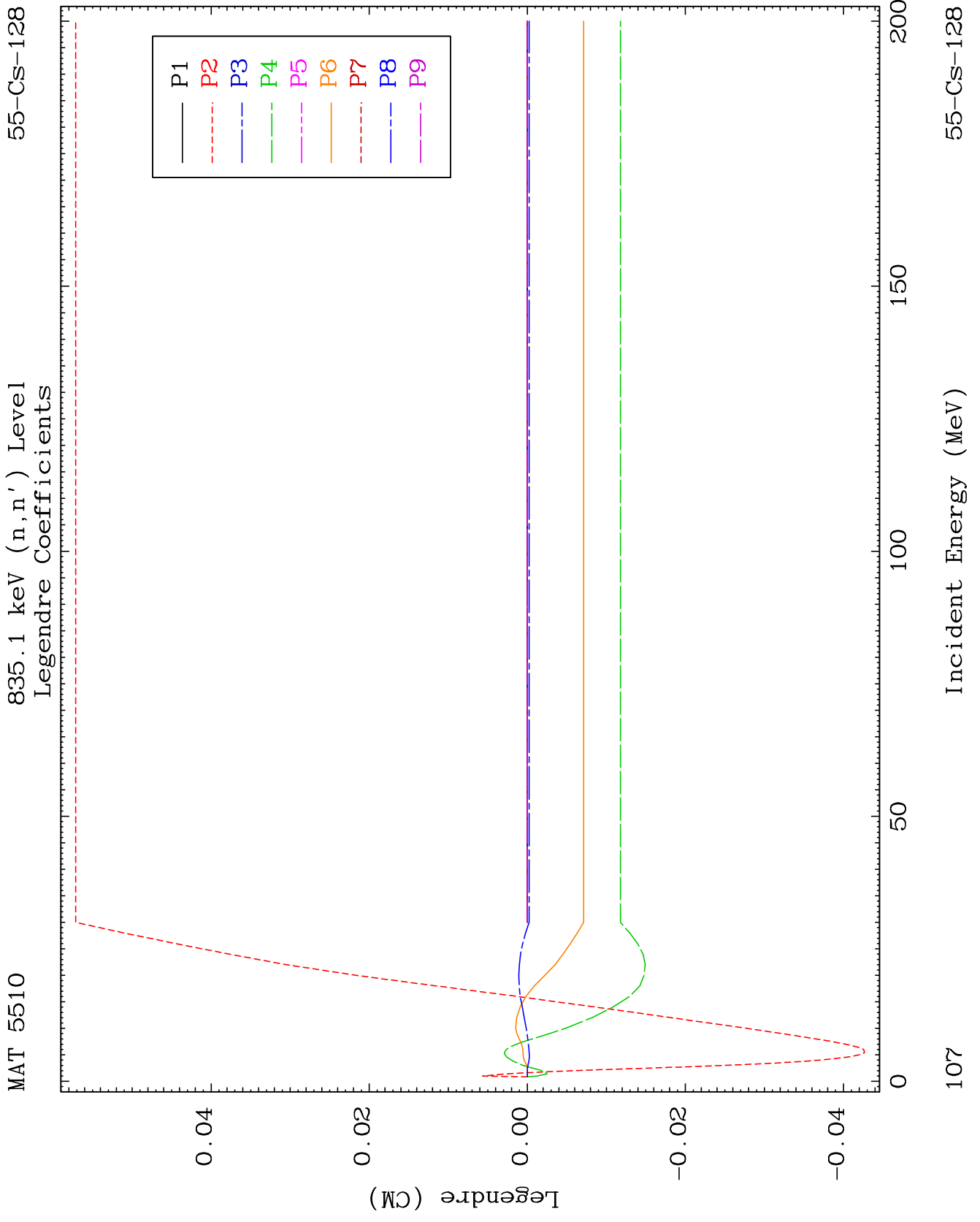


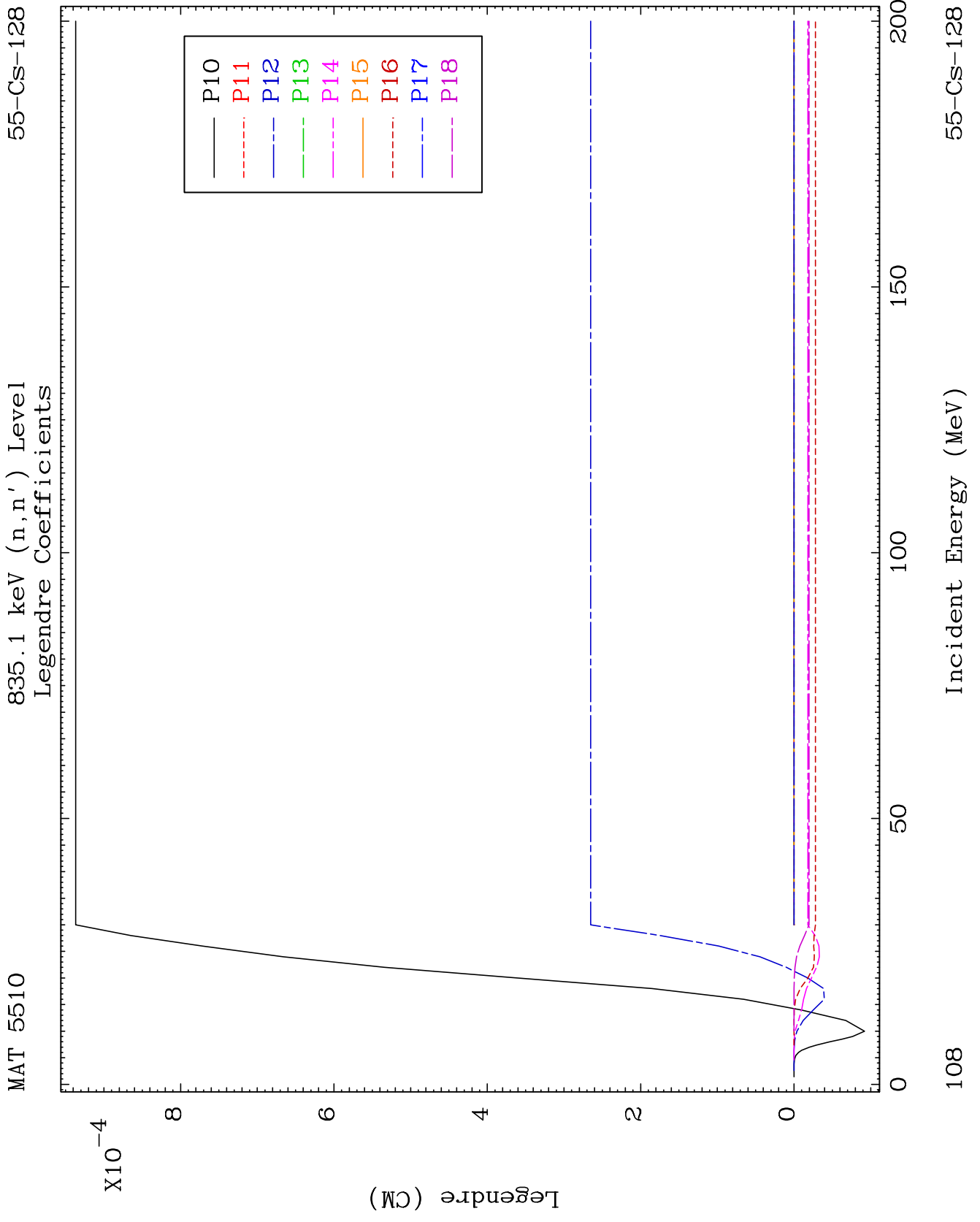


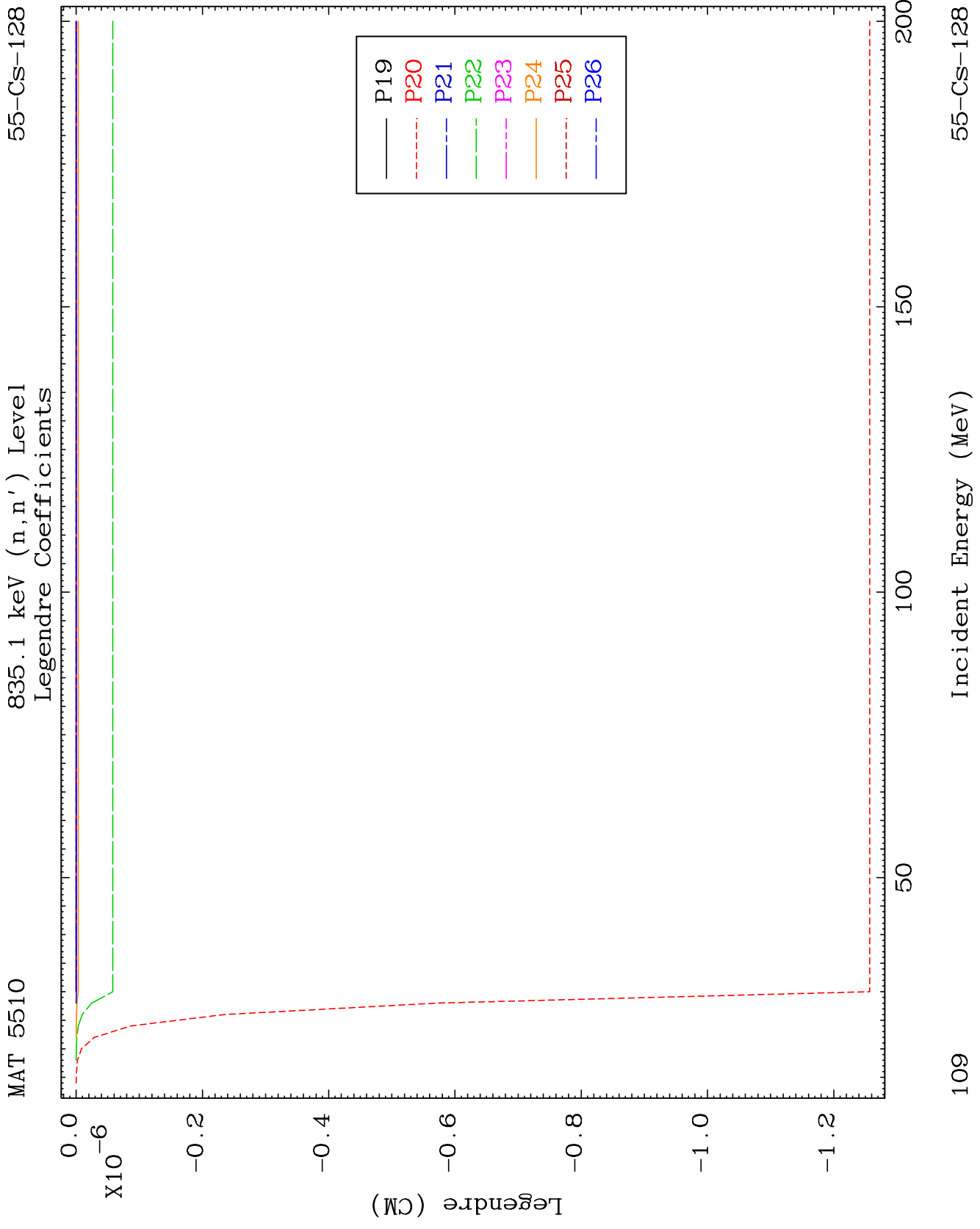








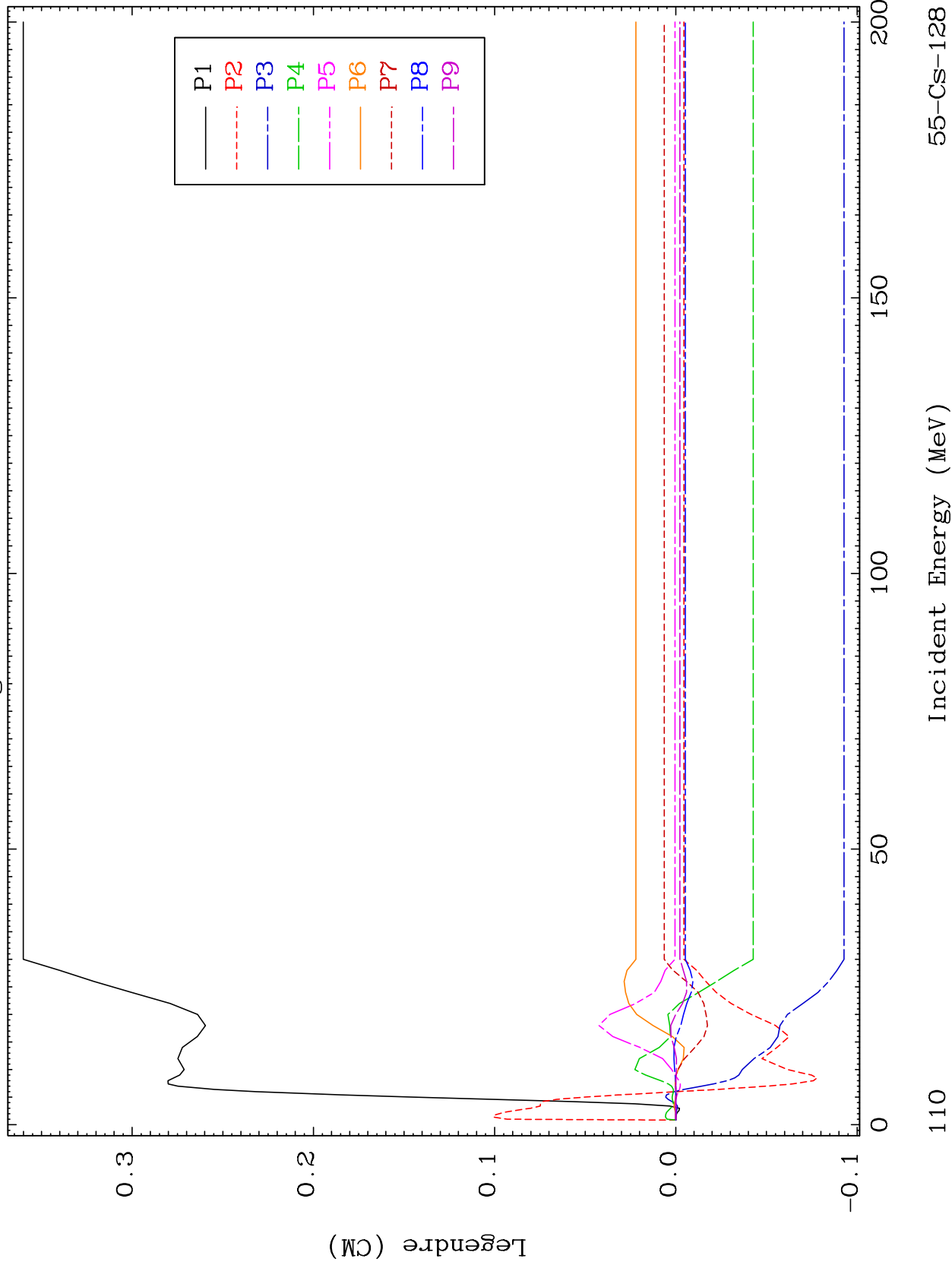




MAT 5510

838.3 keV (n,n') Level
Legendre Coefficients

55-Cs-128



55-Cs-128

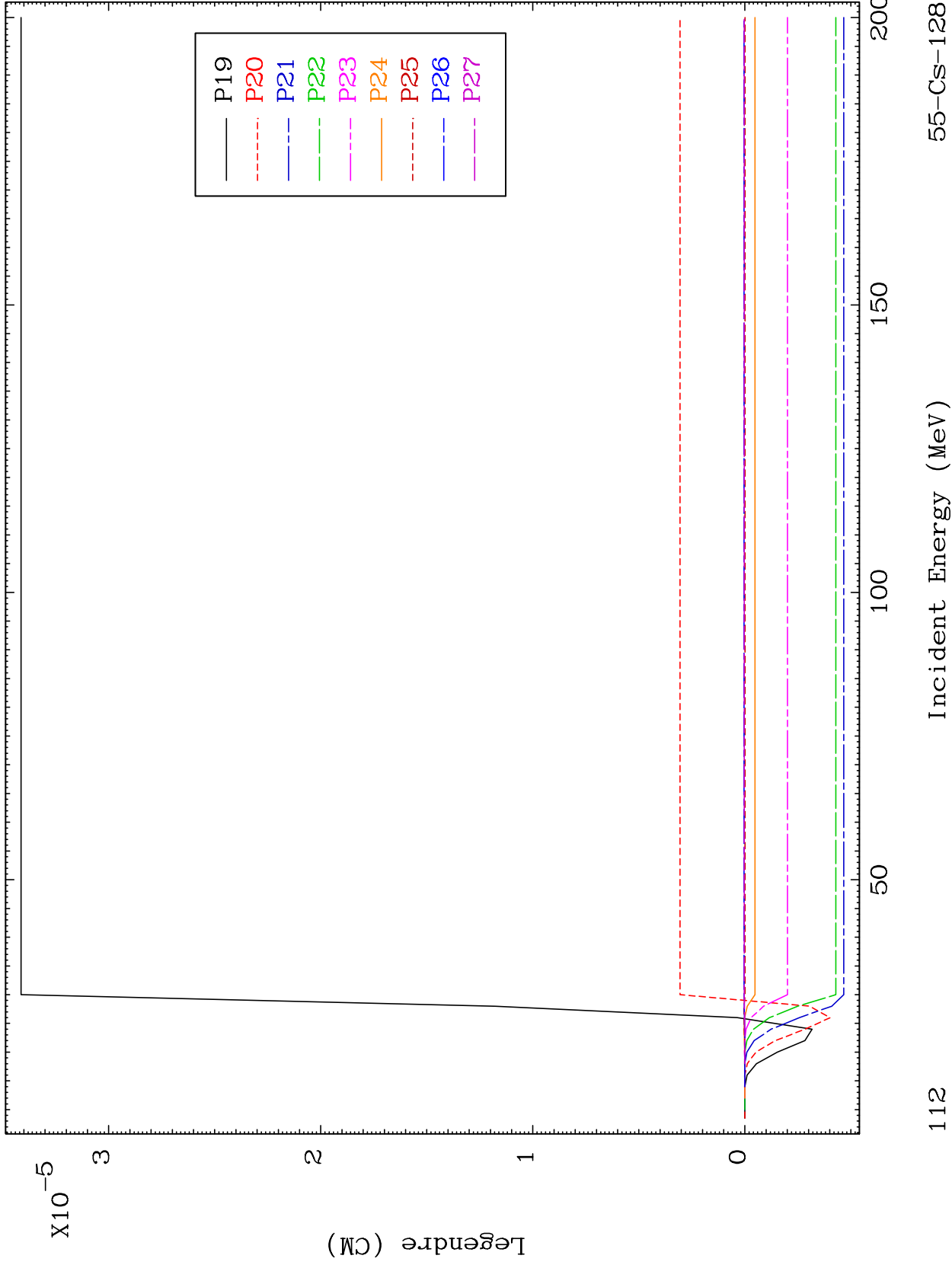
Incident Energy (MeV)

110

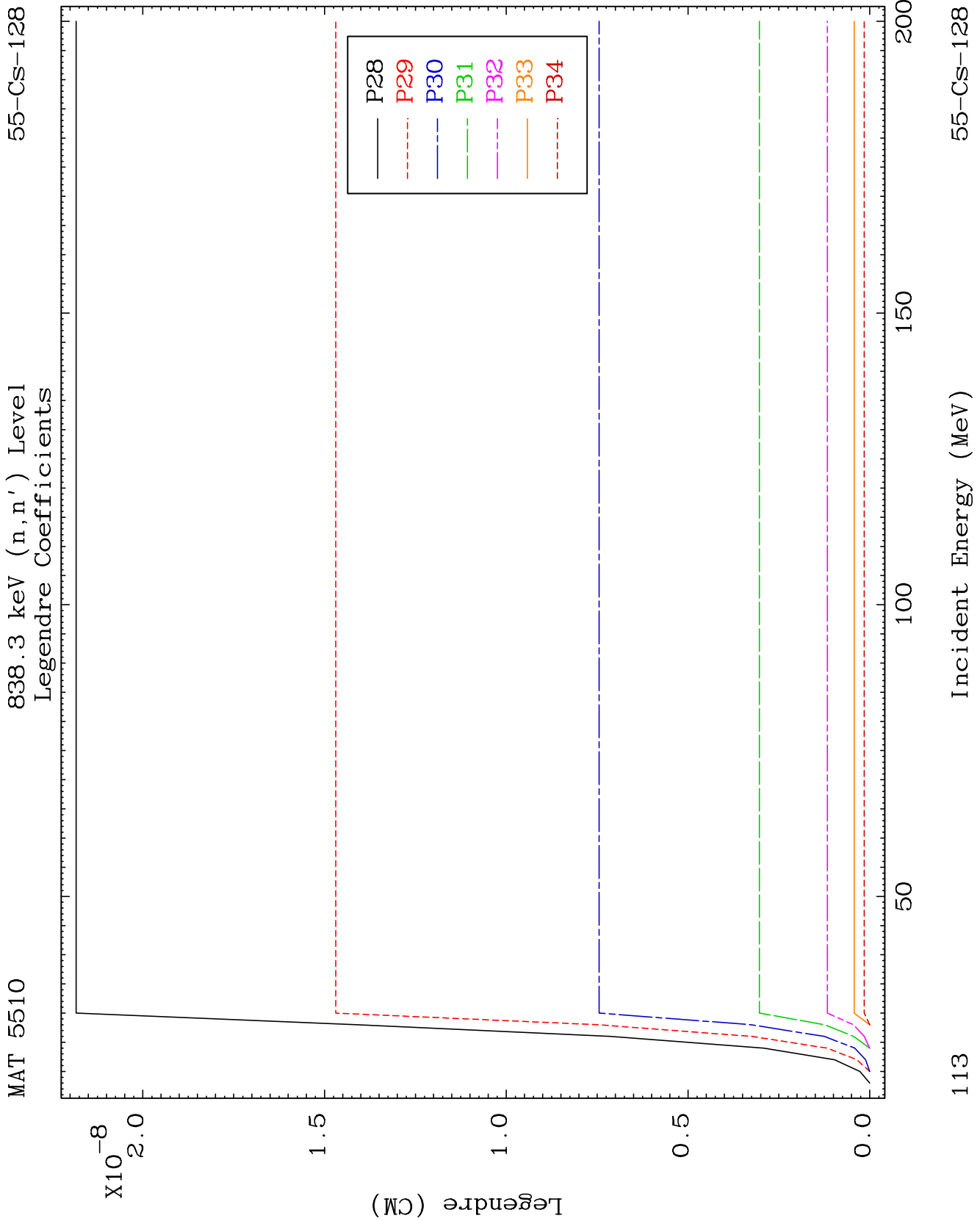
MAT 5510

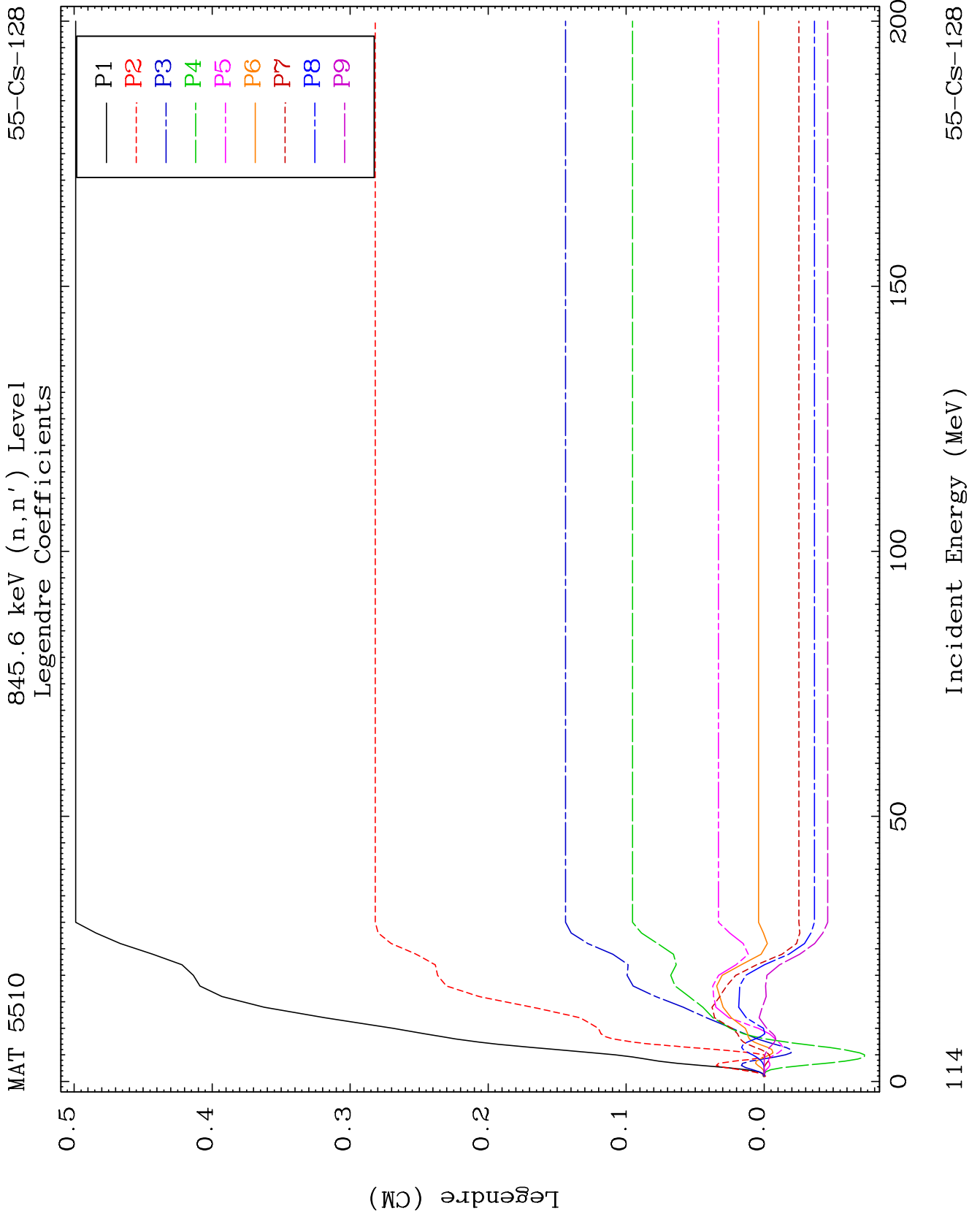
838.3 keV (n,n') Level
Legendre Coefficients

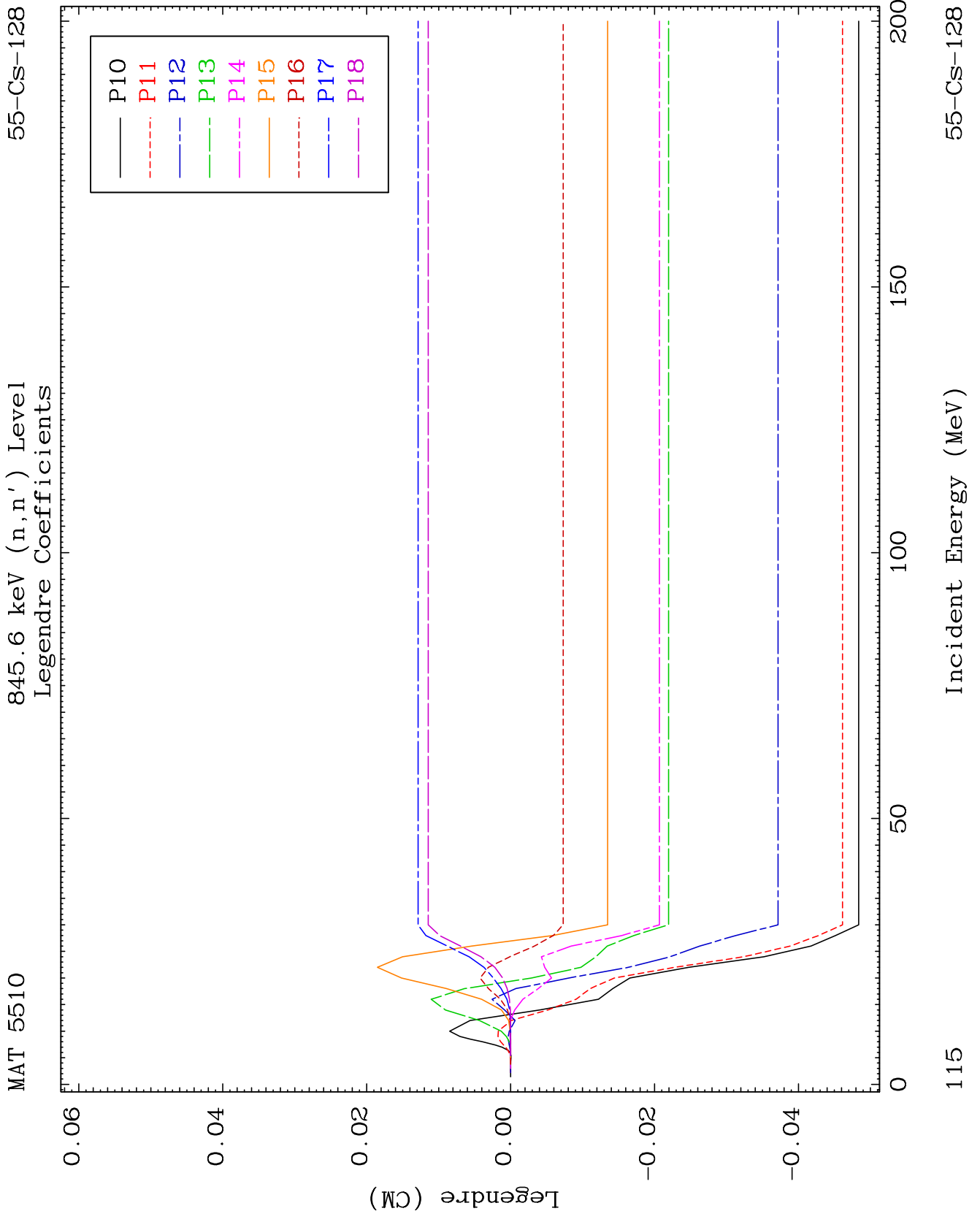
55-Cs-128

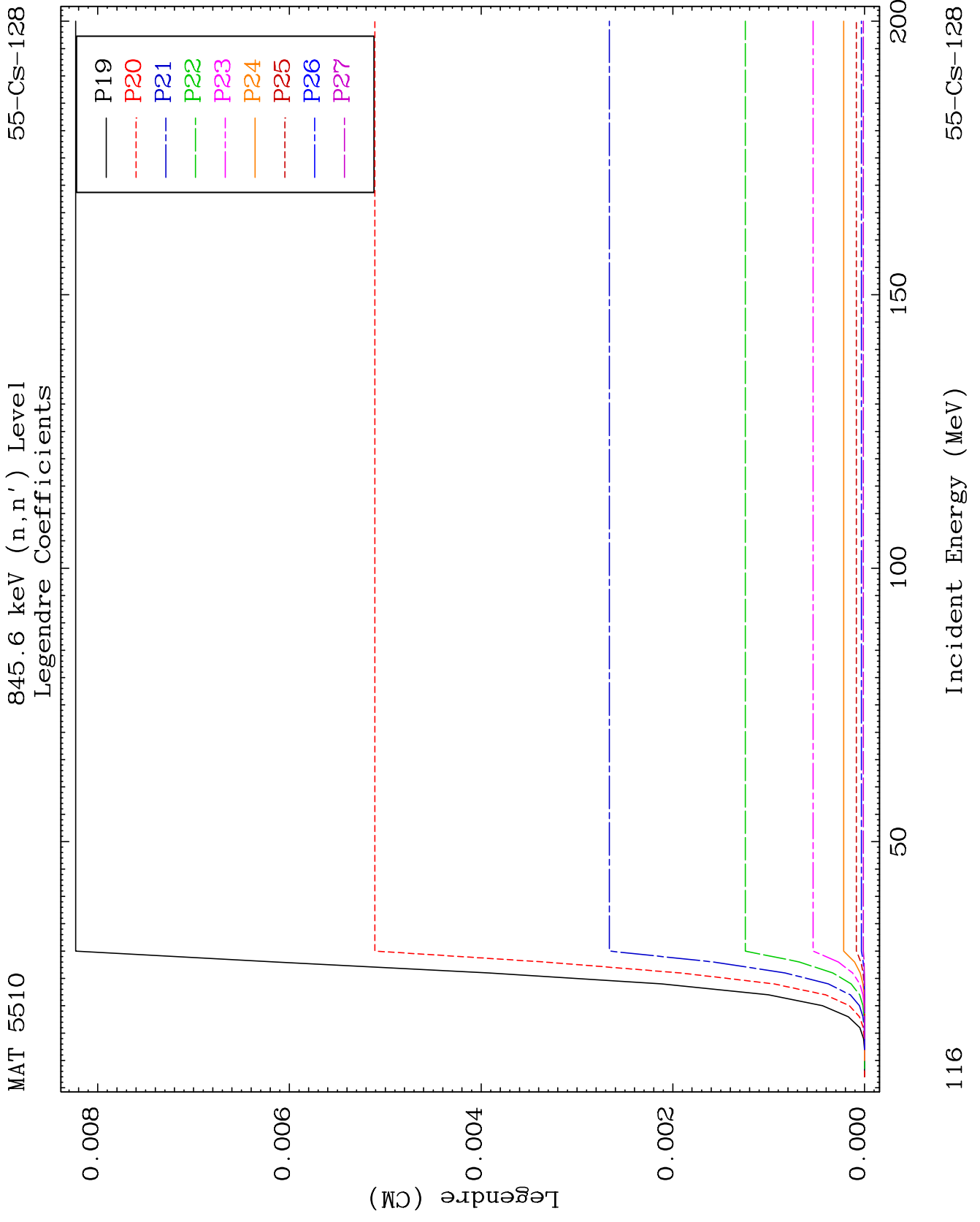


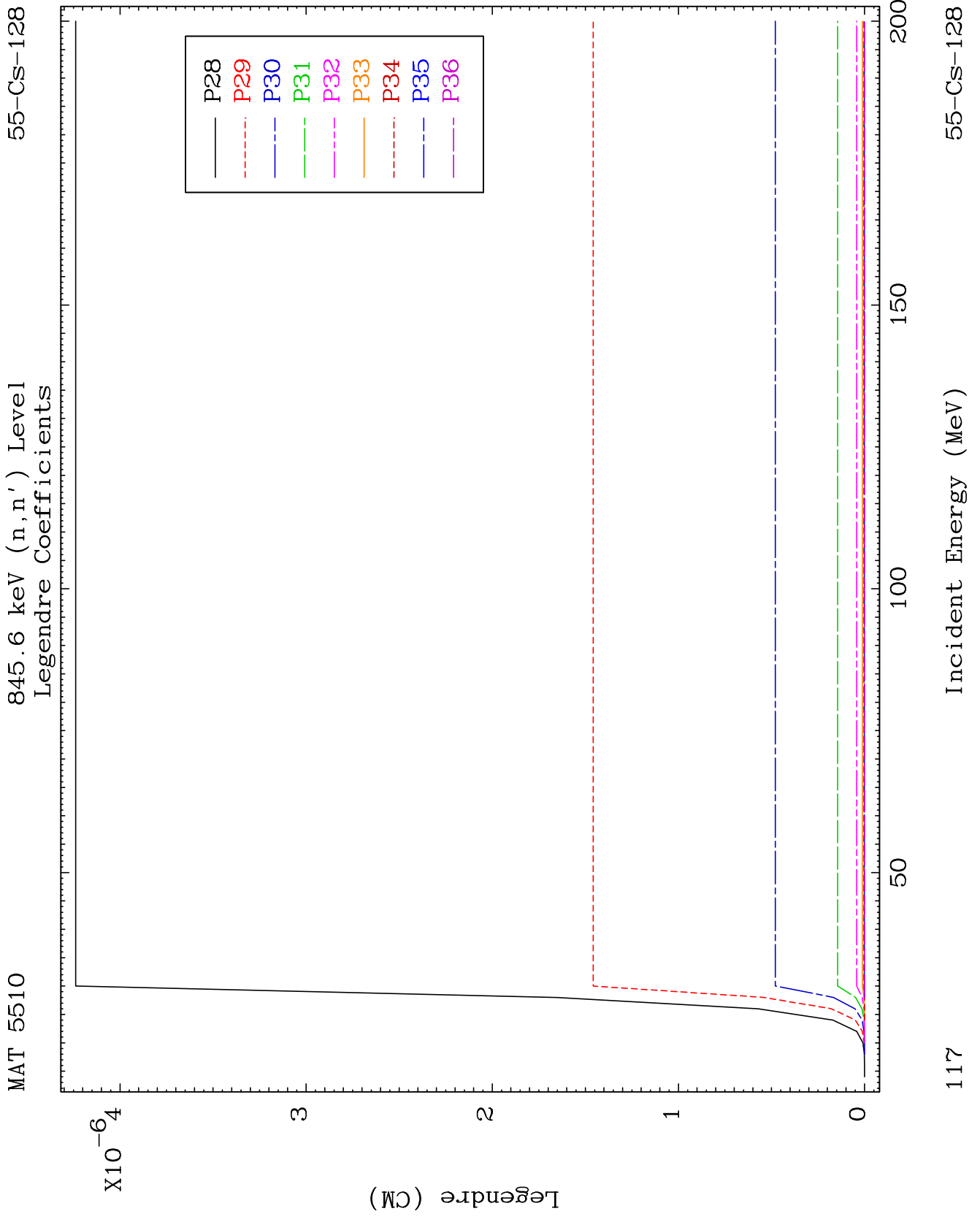
112

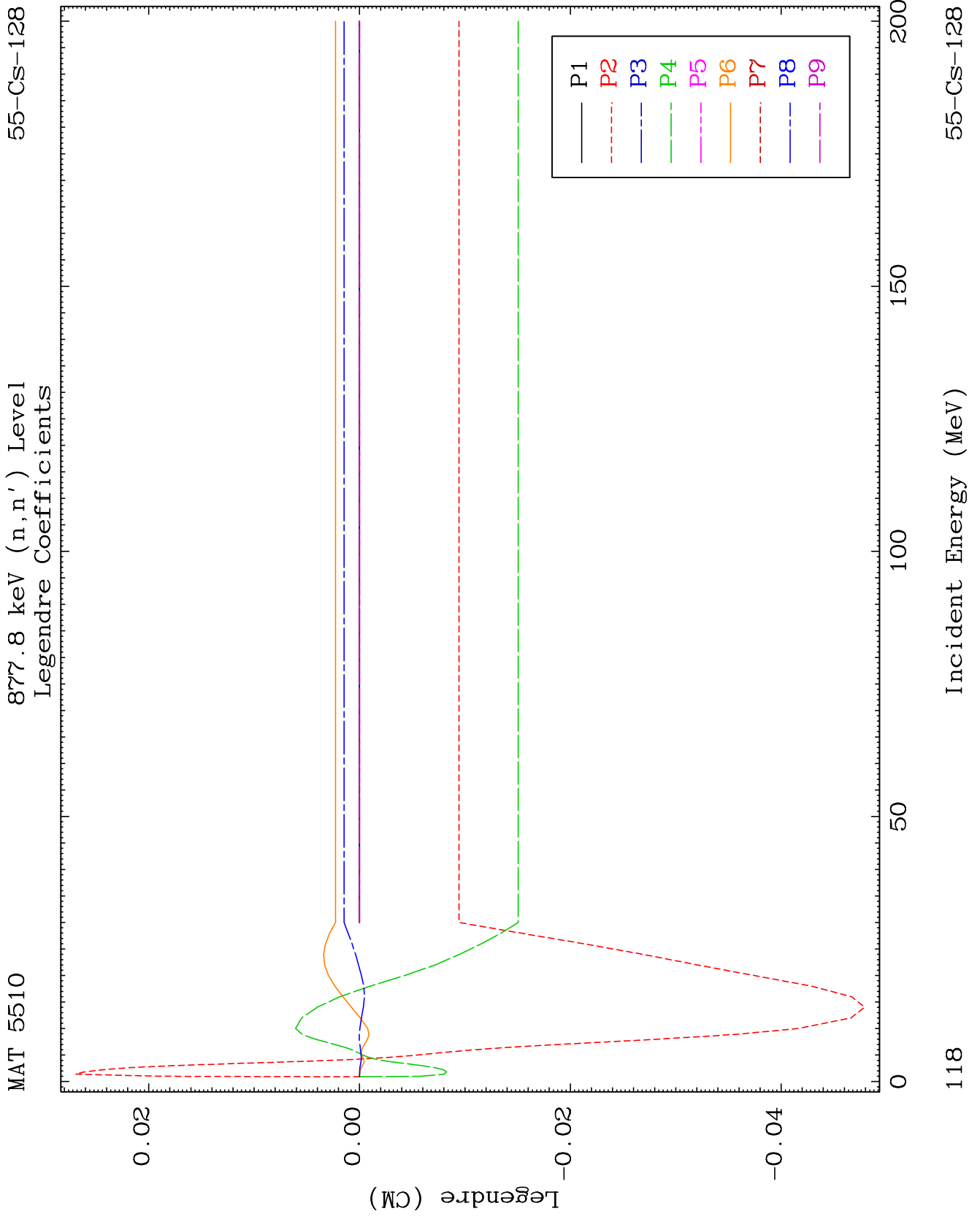


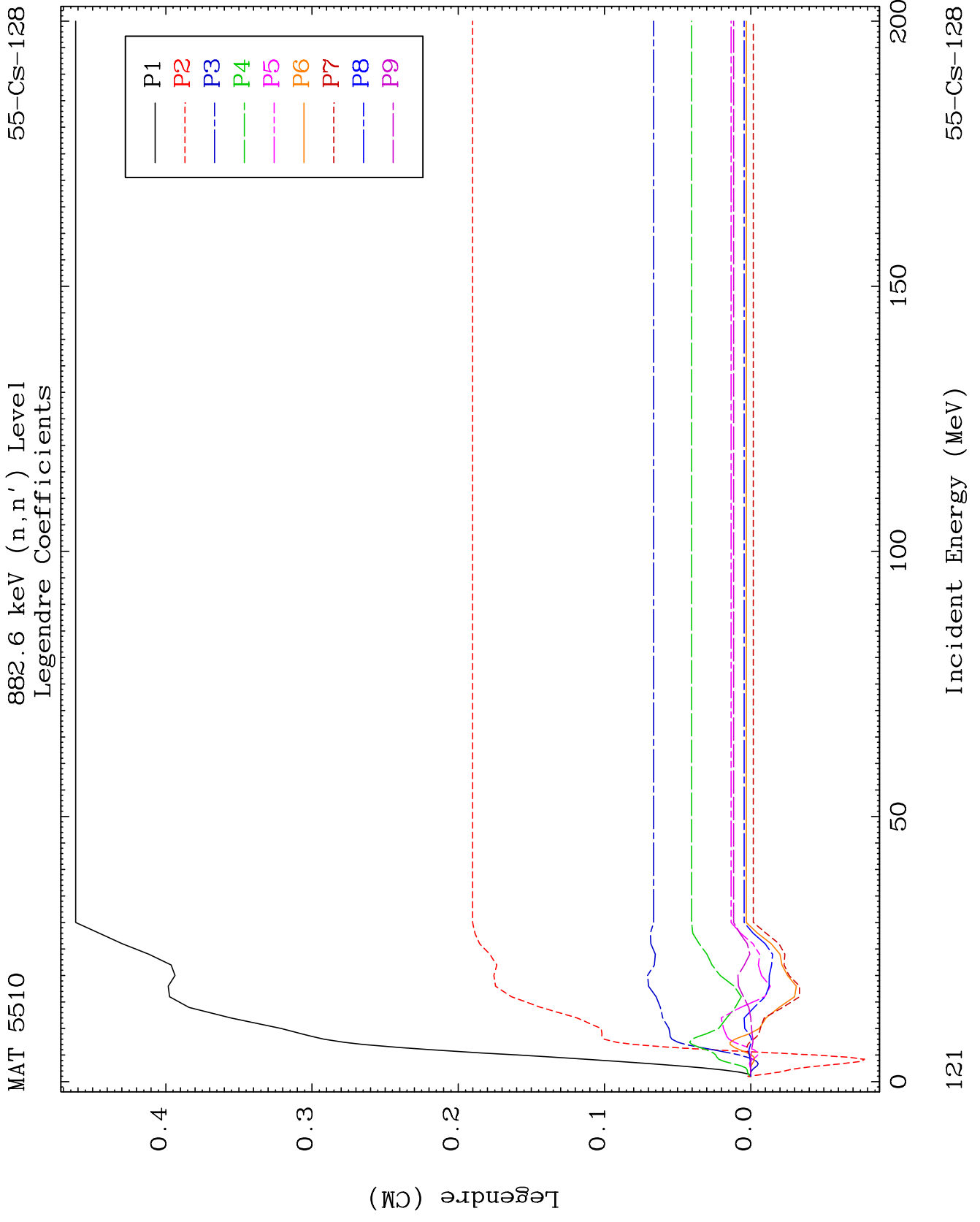








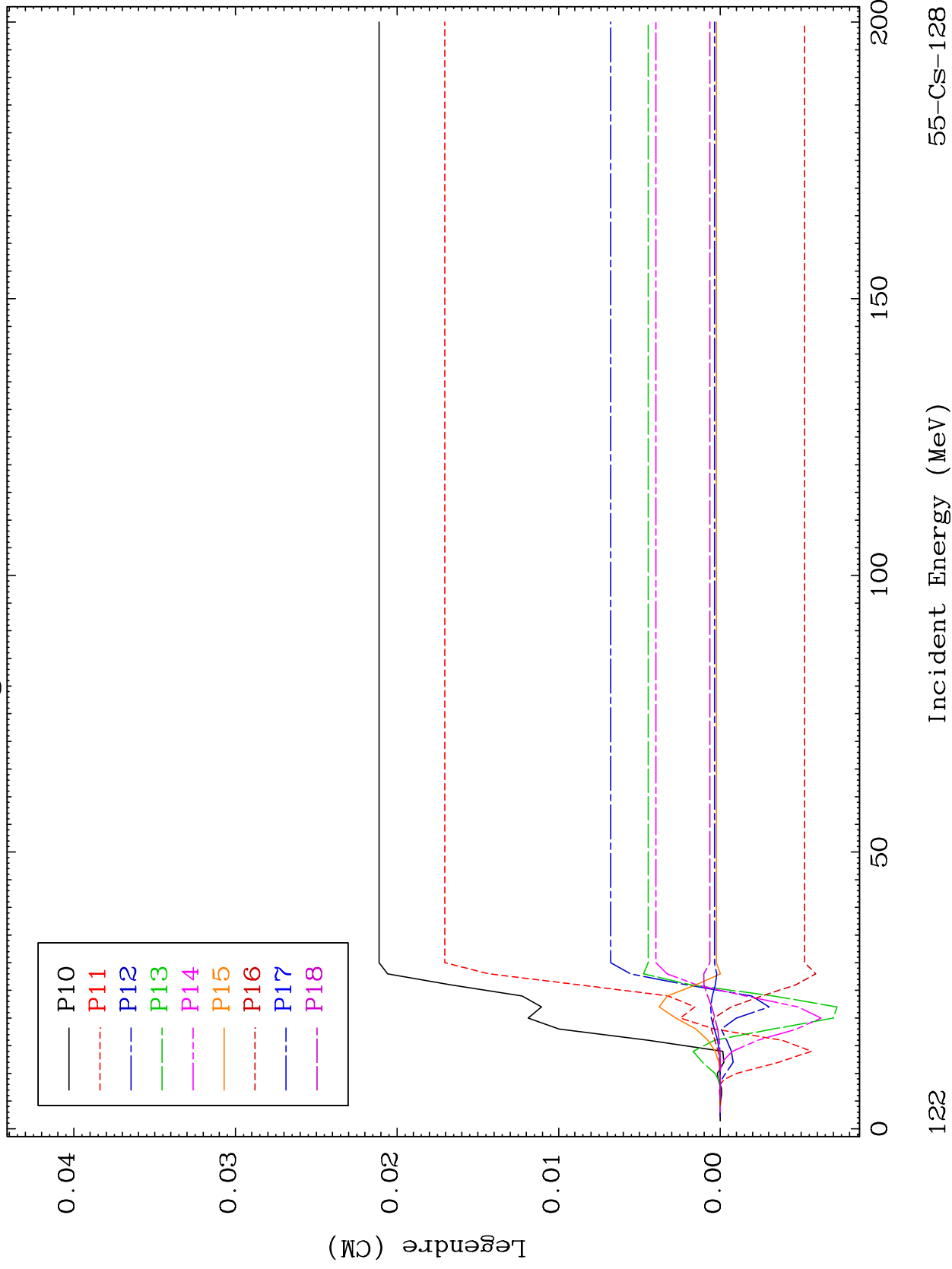




MAT 5510

882.6 keV (n,n') Level
Legendre Coefficients

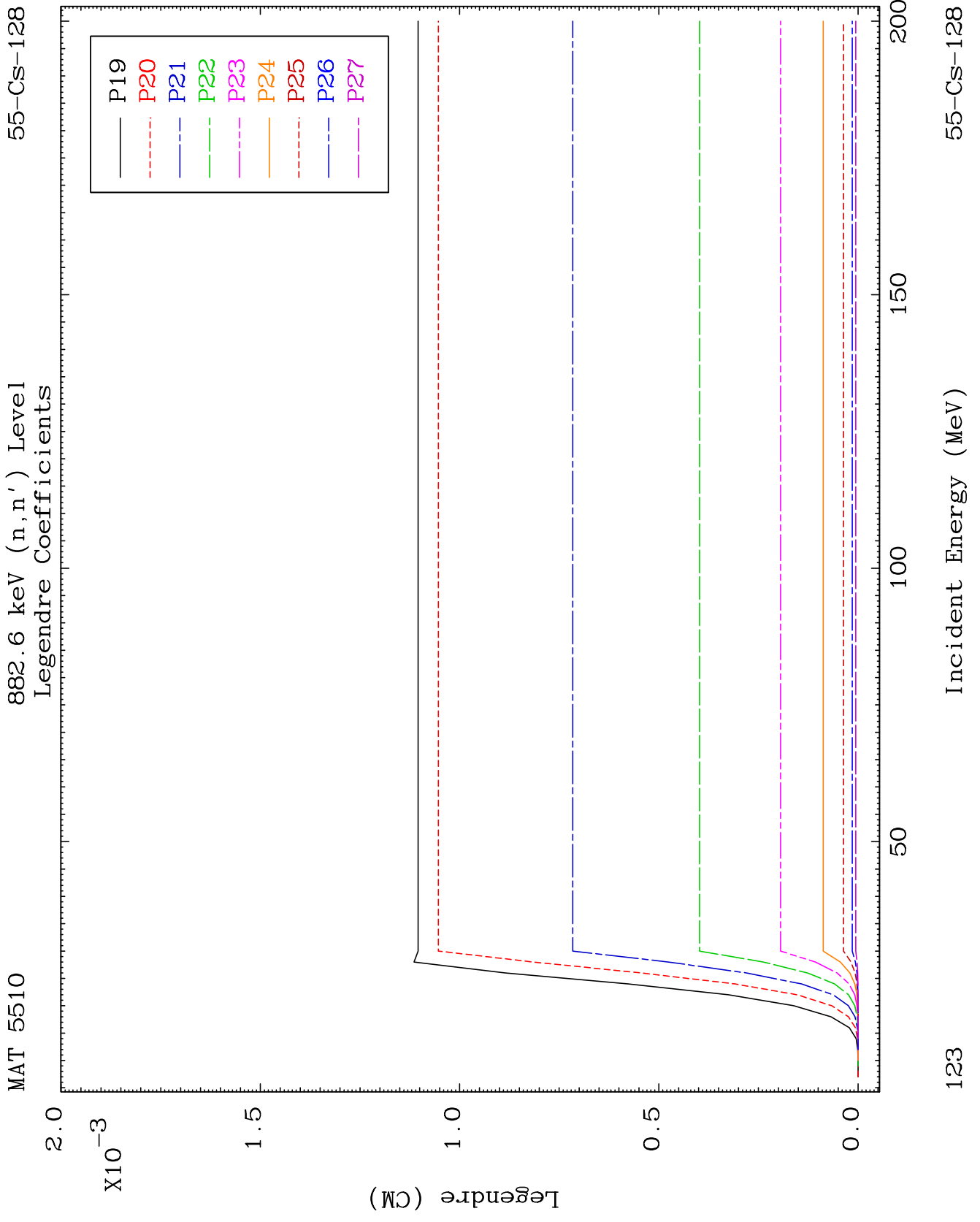
55-Cs-128

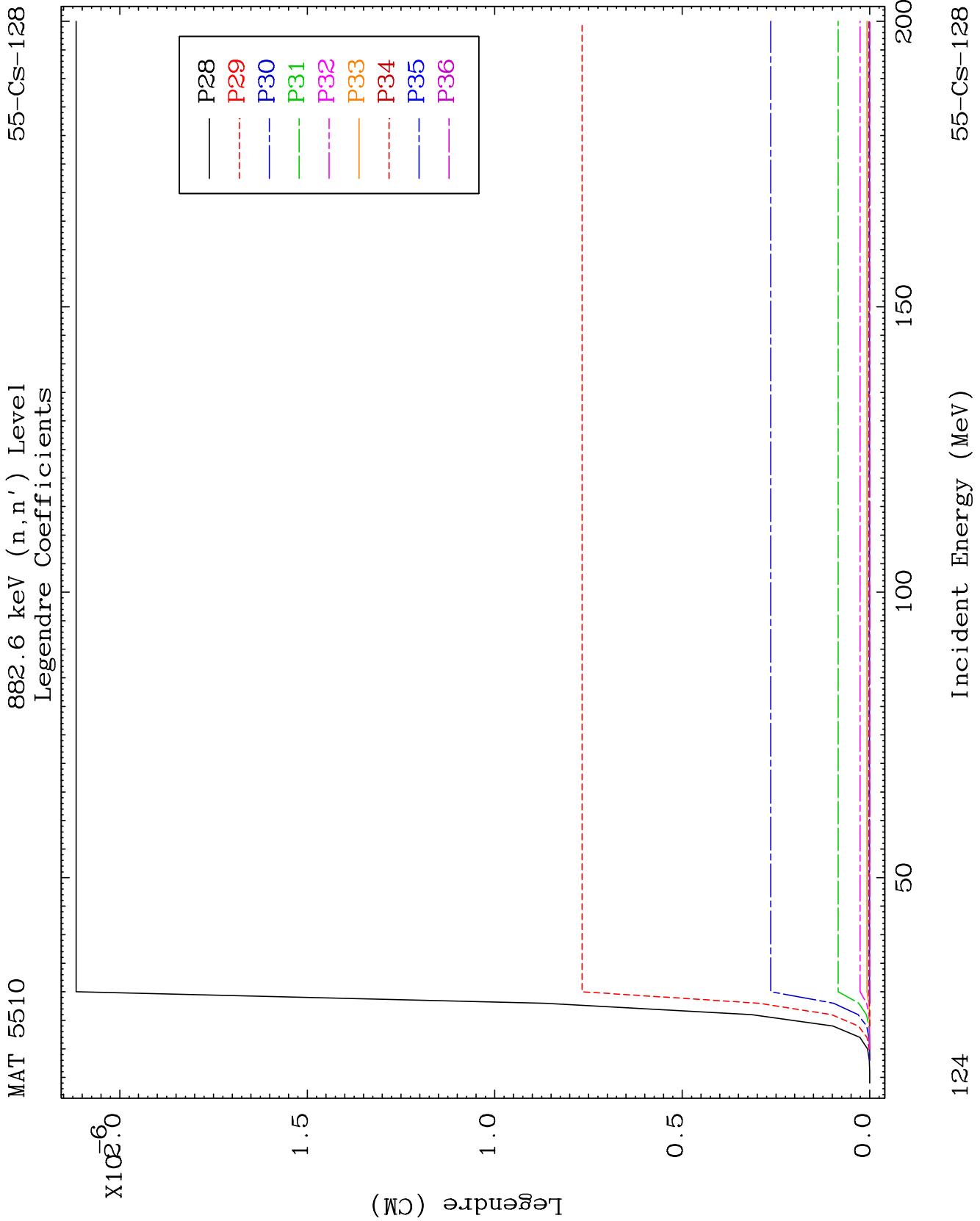


55-Cs-128

Incident Energy (MeV)

122



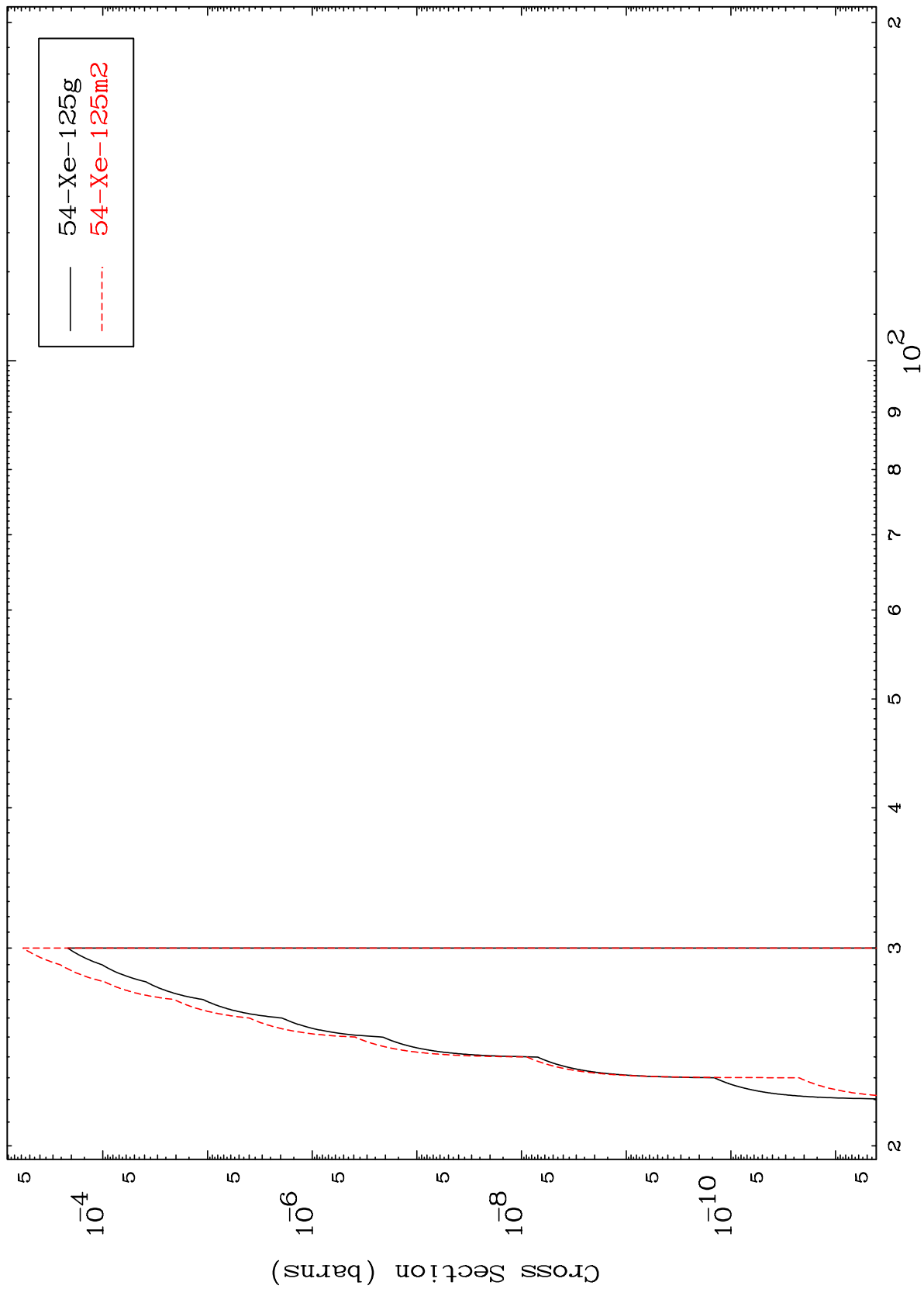


MAT 5510

(n,2n) d

55-Cs-128

Radionuclide Production Cross Section



125

Incident Energy (MeV)

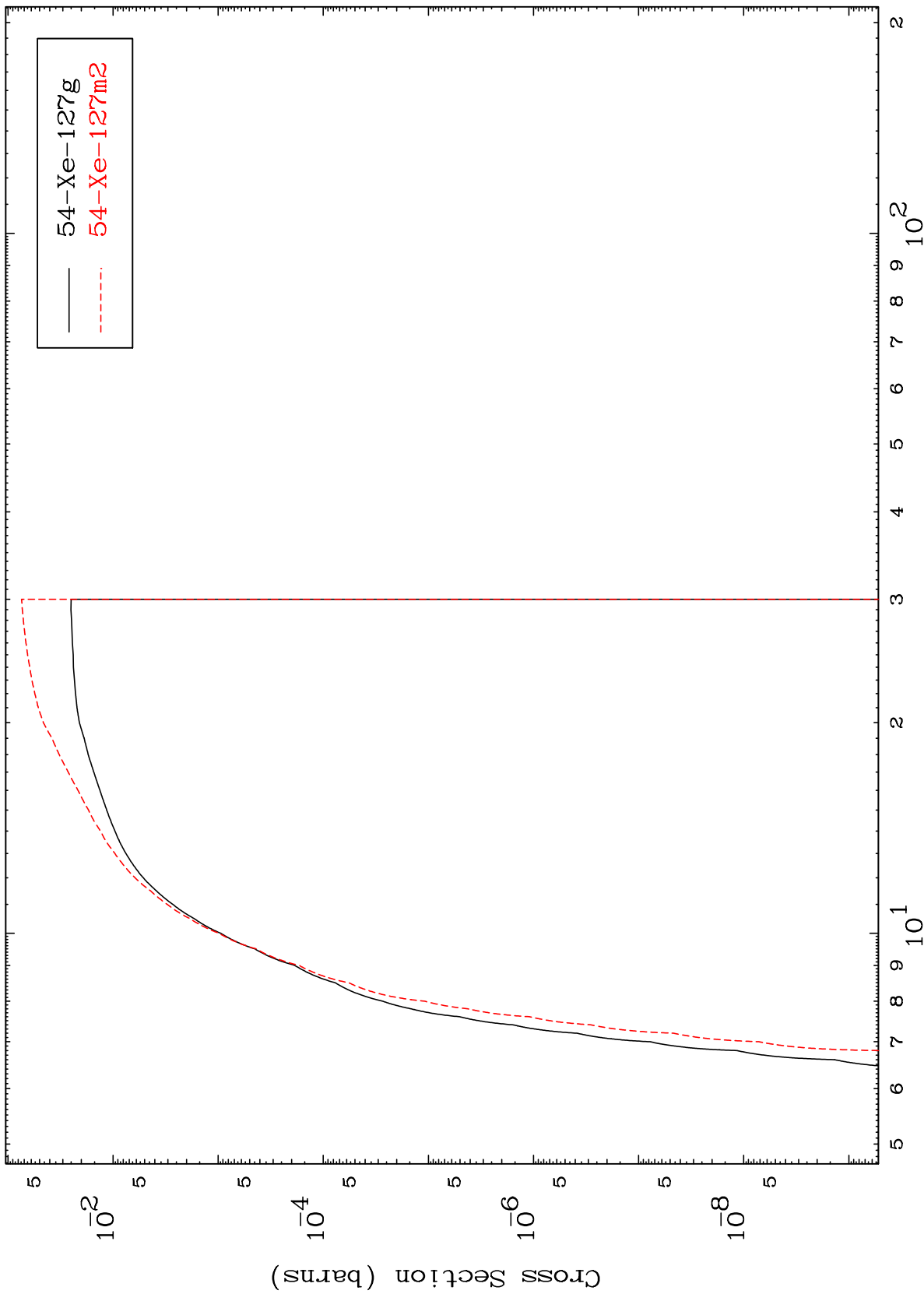
55-Cs-128

MAT 5510

55-Cs-128

(n,n') p

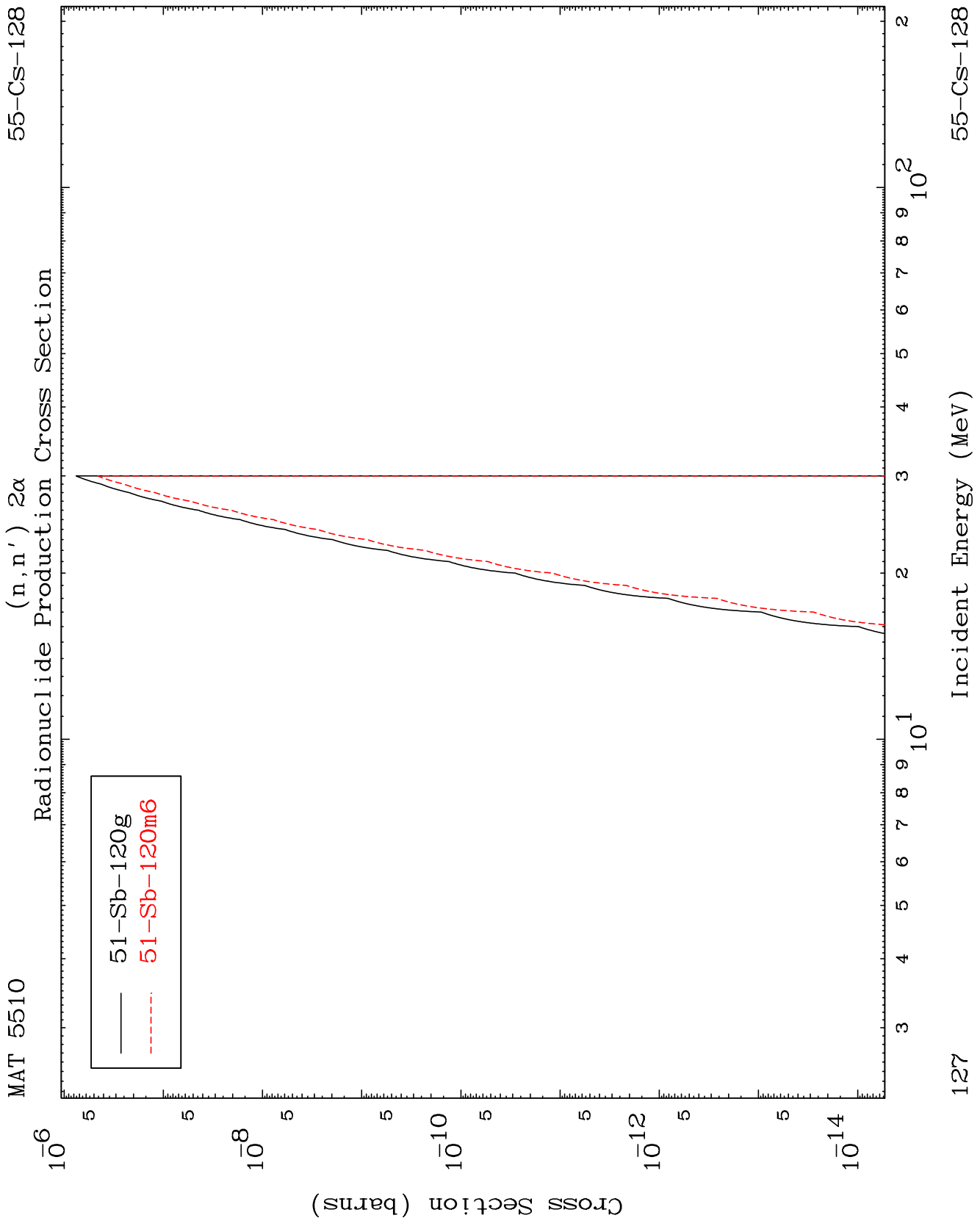
Radionuclide Production Cross Section



126

Incident Energy (MeV)

55-Cs-128

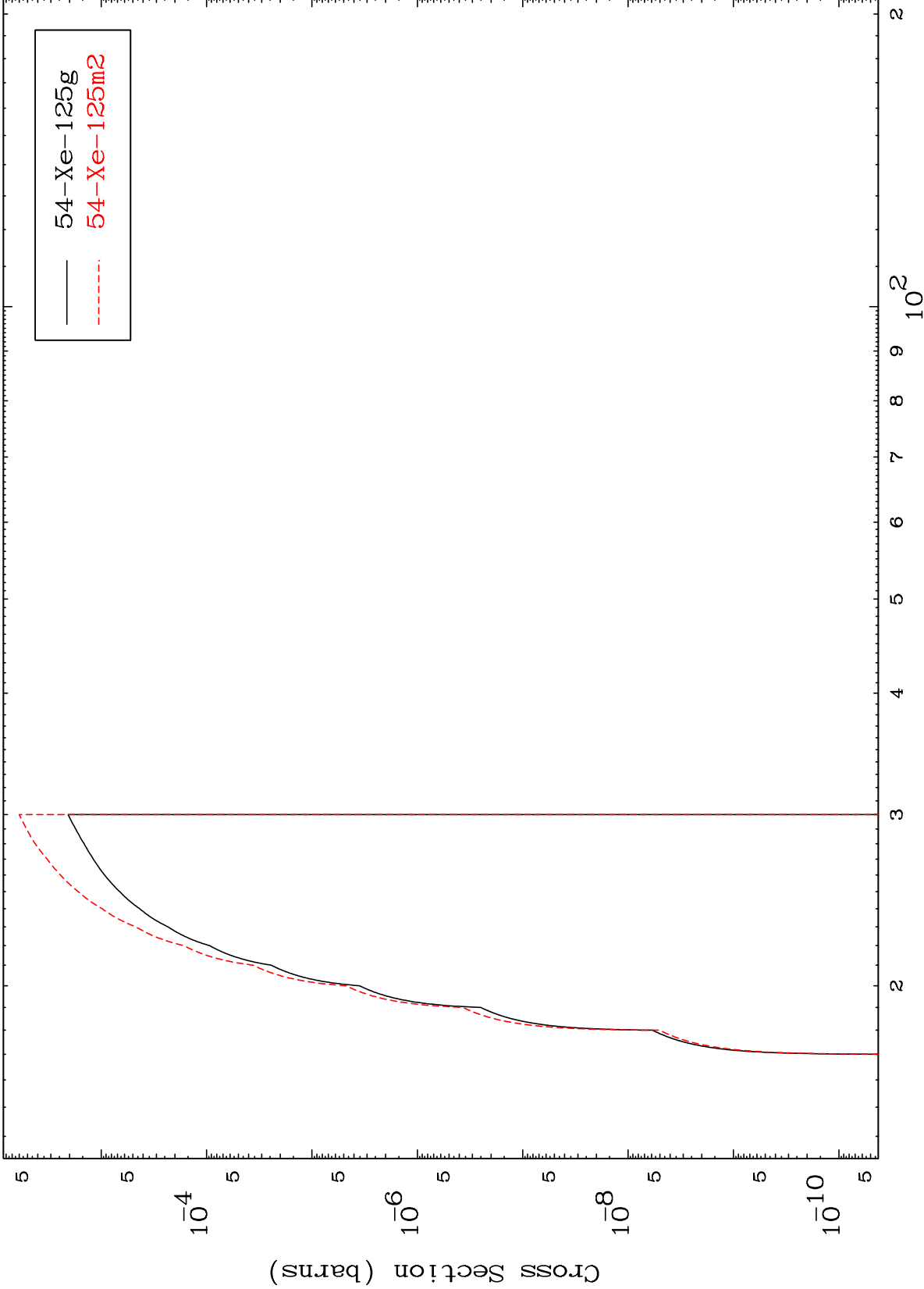


MAT 5510

(n,n') t

55-Cs-128

Radionuclide Production Cross Section

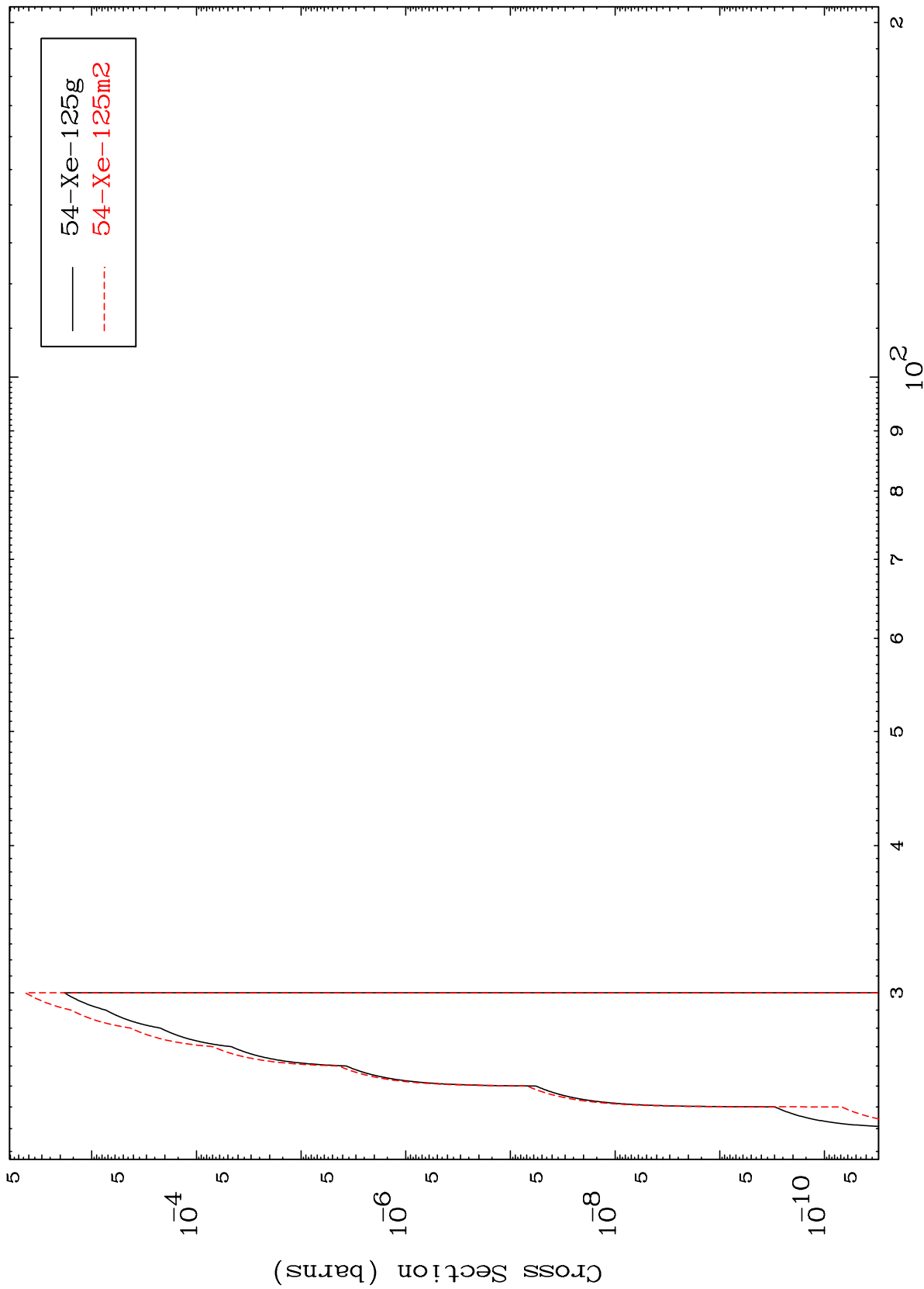


128

Incident Energy (MeV)

55-Cs-128

Radionuclide Production Cross Section

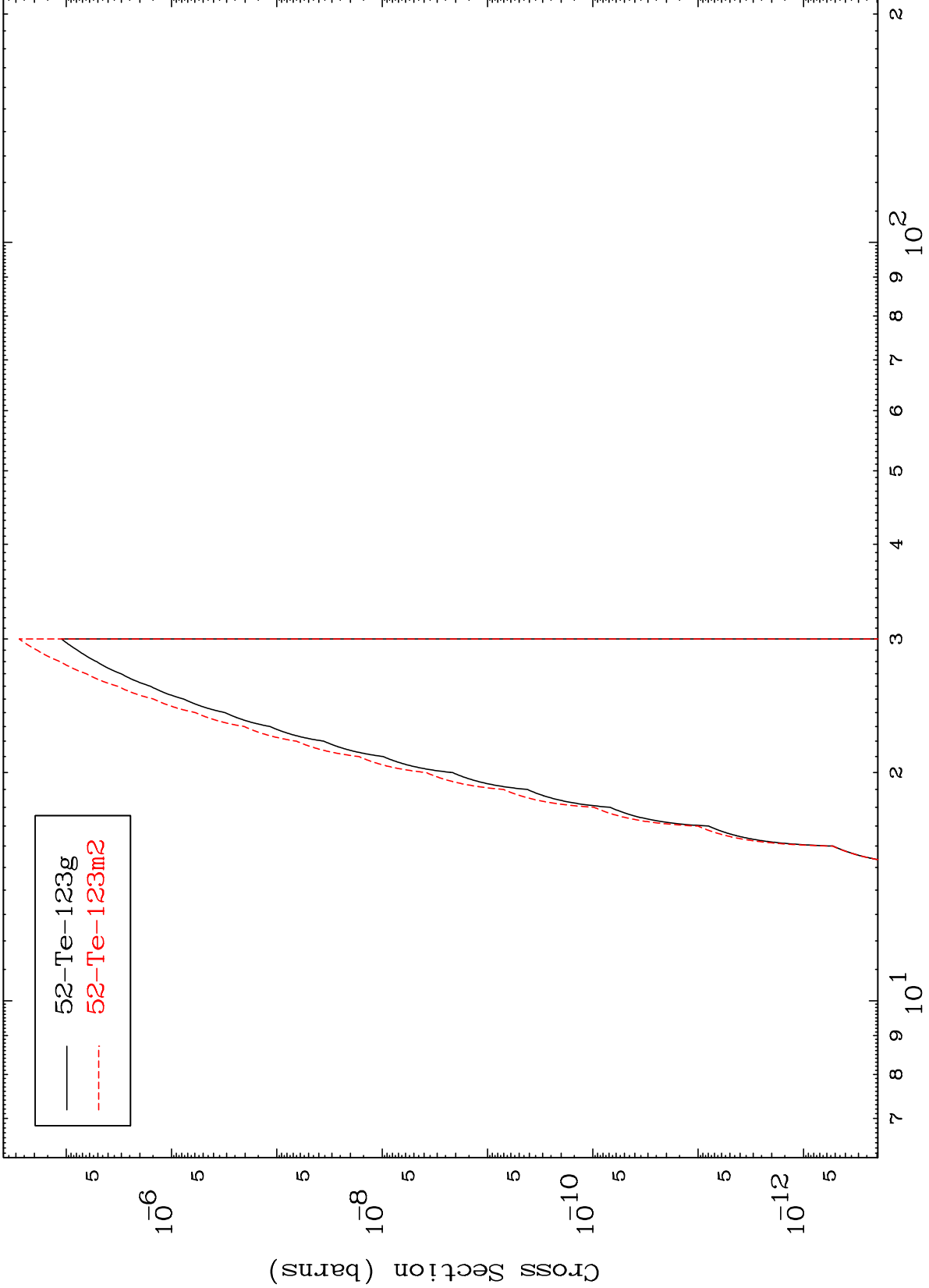


MAT 5510

(n,n') p α

55-Cs-128

Radionuclide Production Cross Section



130

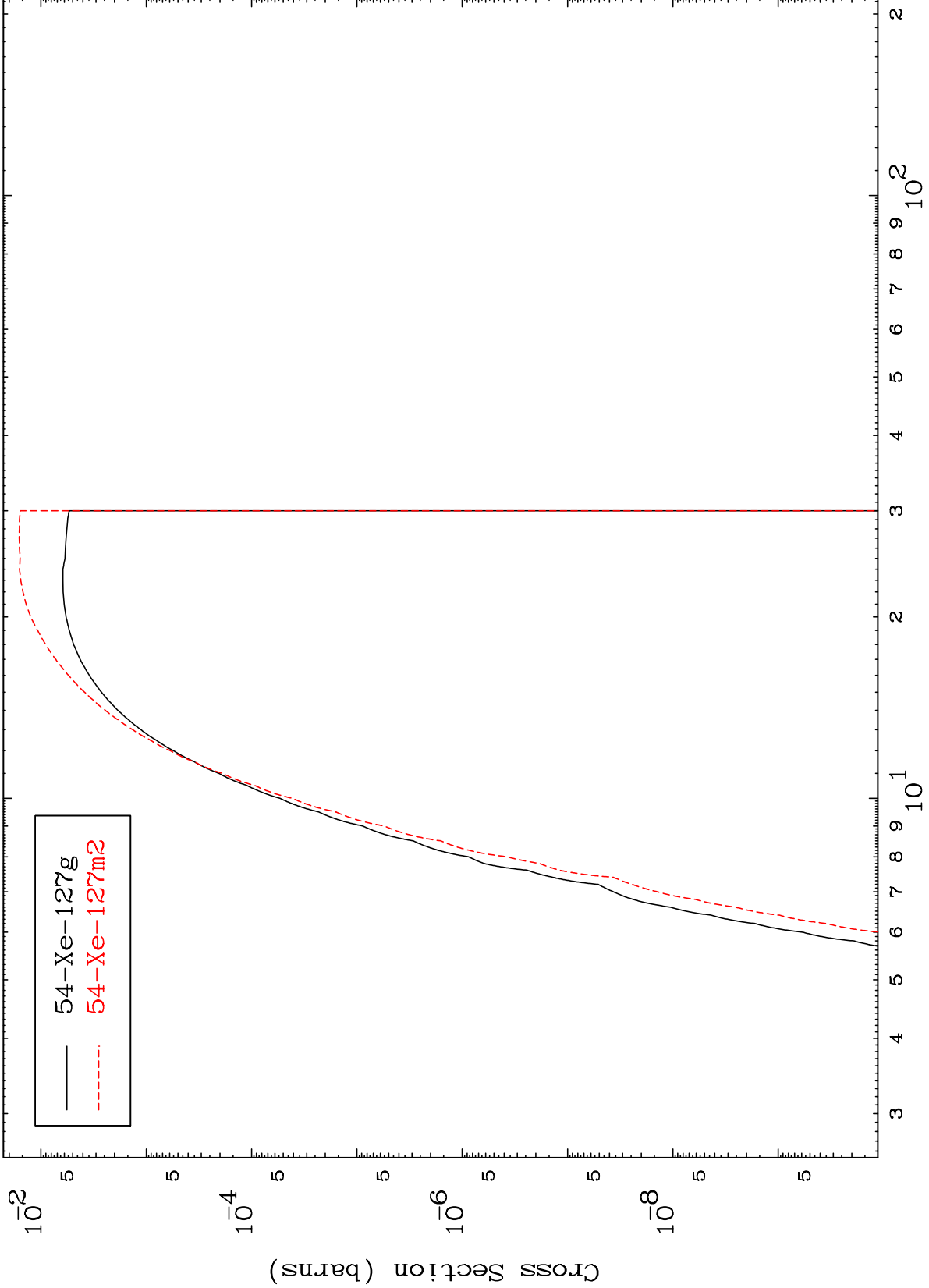
Incident Energy (MeV)

55-Cs-128

MAT 5510

55-Cs-128

(n,d)
Radionuclide Production Cross Section



131

Incident Energy (MeV)

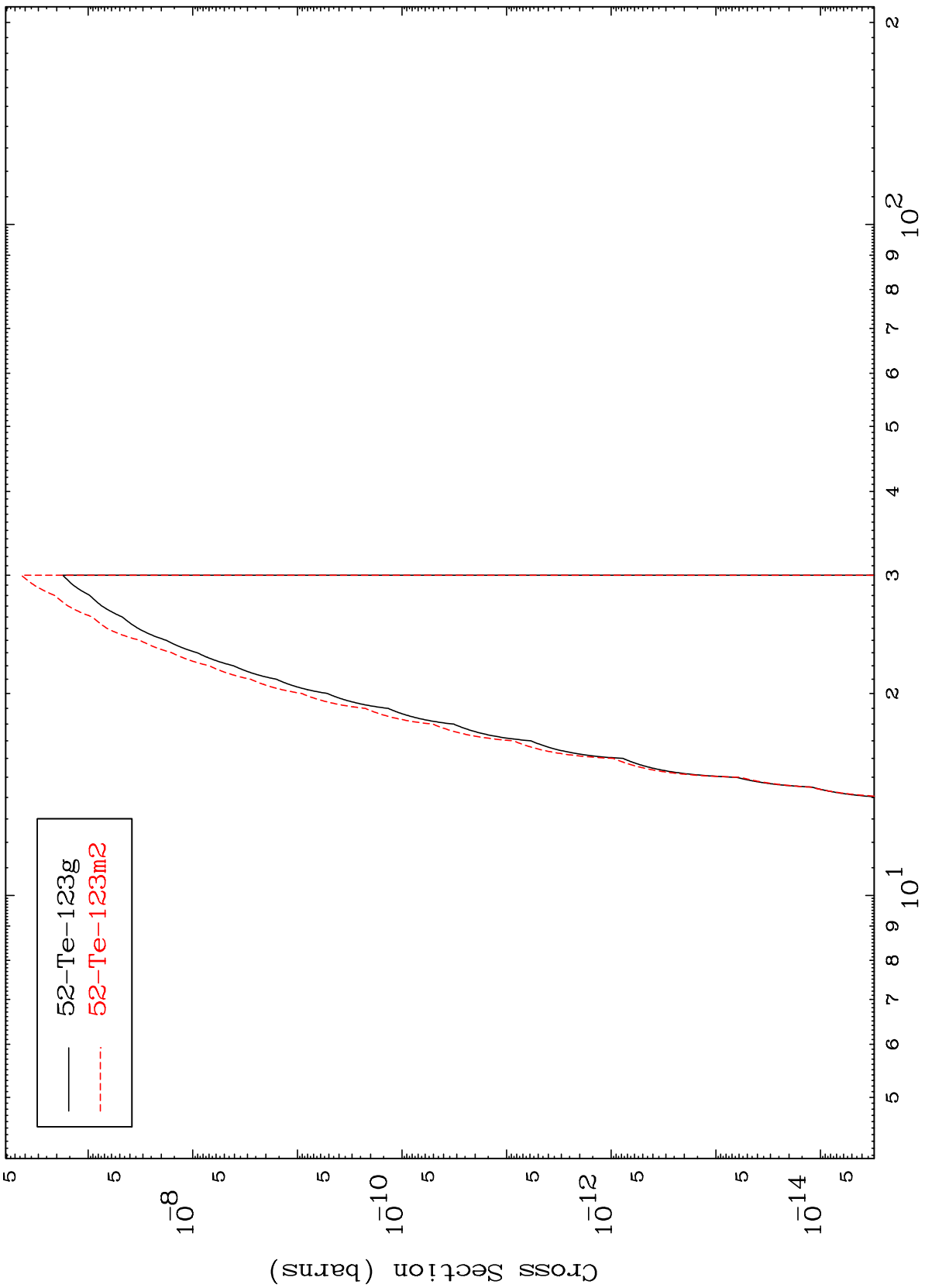
55-Cs-128

MAT 5510

(n,d) α

55-Cs-128

Radionuclide Production Cross Section



52-Te-123g
52-Te-123m2

132

Incident Energy (MeV)

55-Cs-128