

Program EVALPLOT
(Version 2015-2)

by

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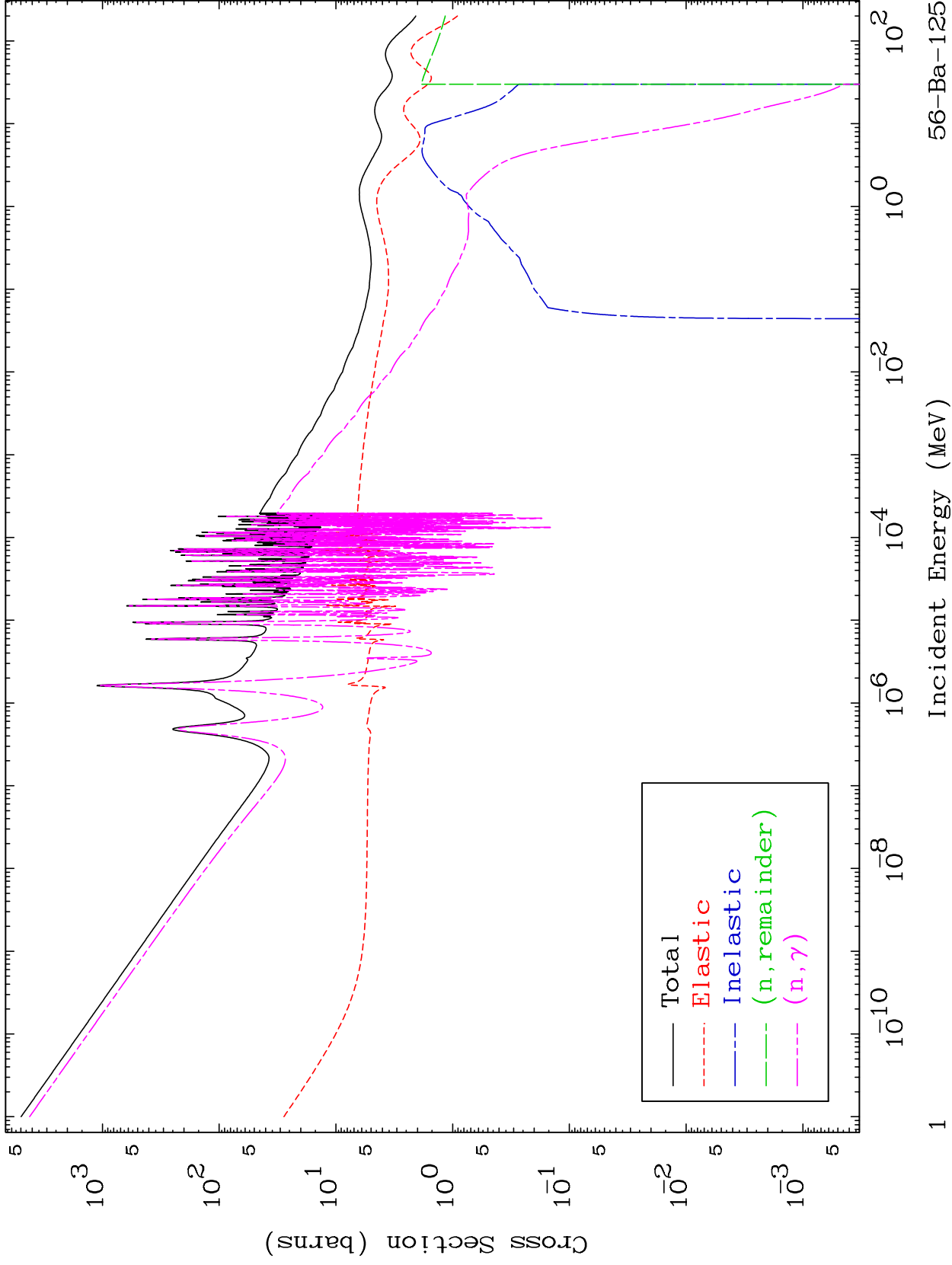
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5610

Major
293 Kelvin Cross Sections

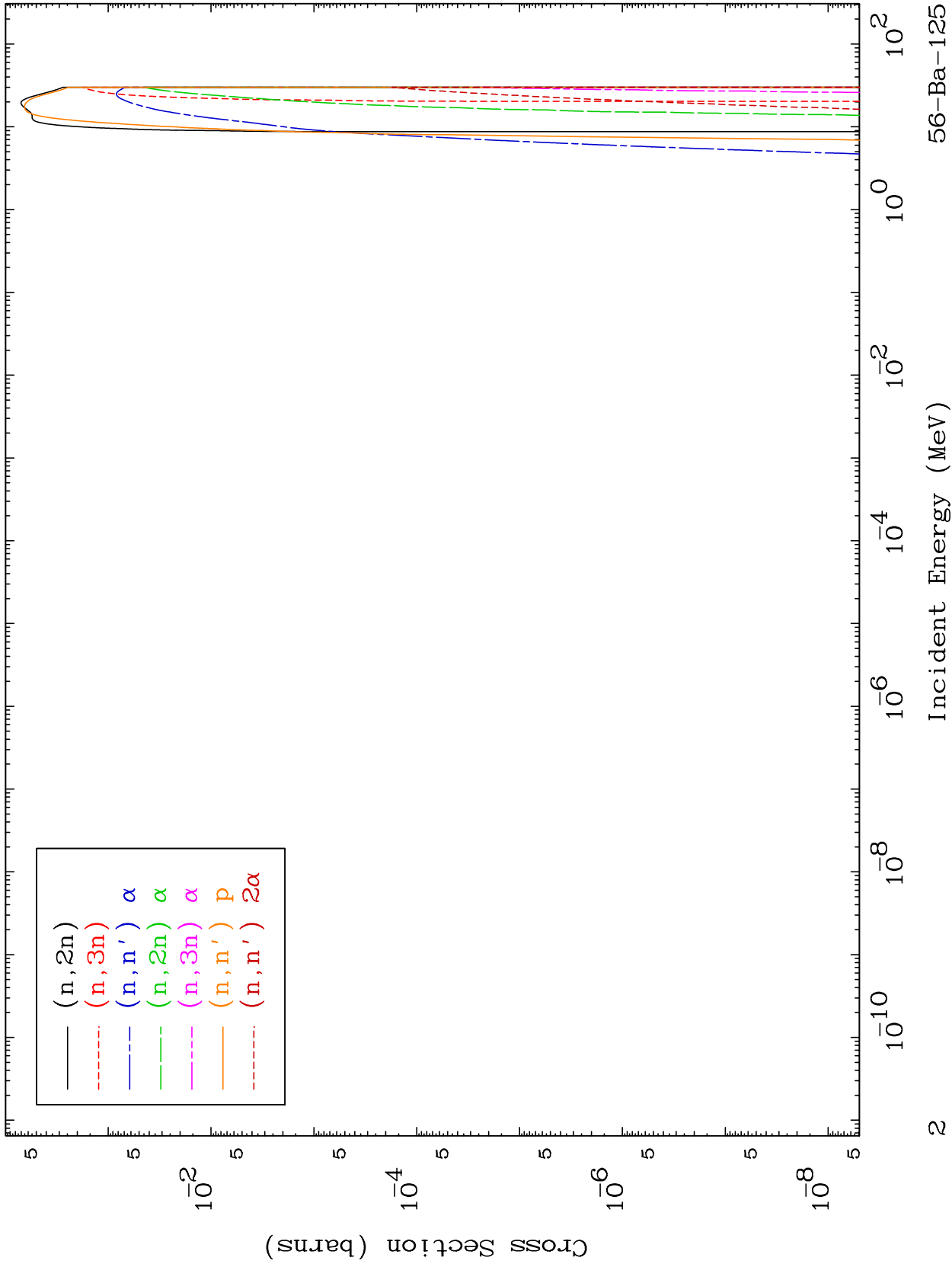
56-Ba-125



MAT 5610

Neutron Production
293 Kelvin Cross Sections

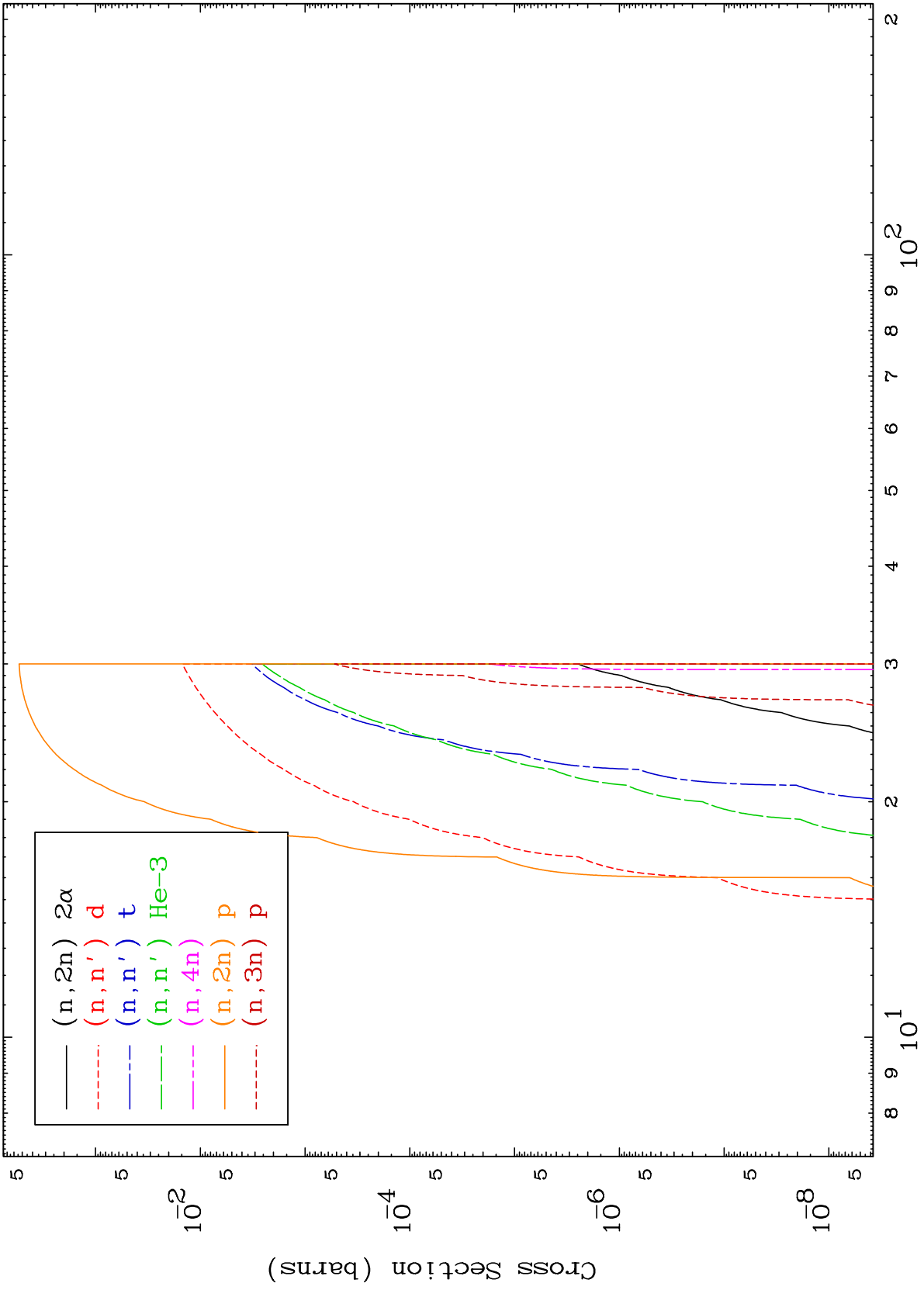
56-Ba-125



MAT 5610

Neutron Production
293 Kelvin Cross Sections

56-Ba-125



3

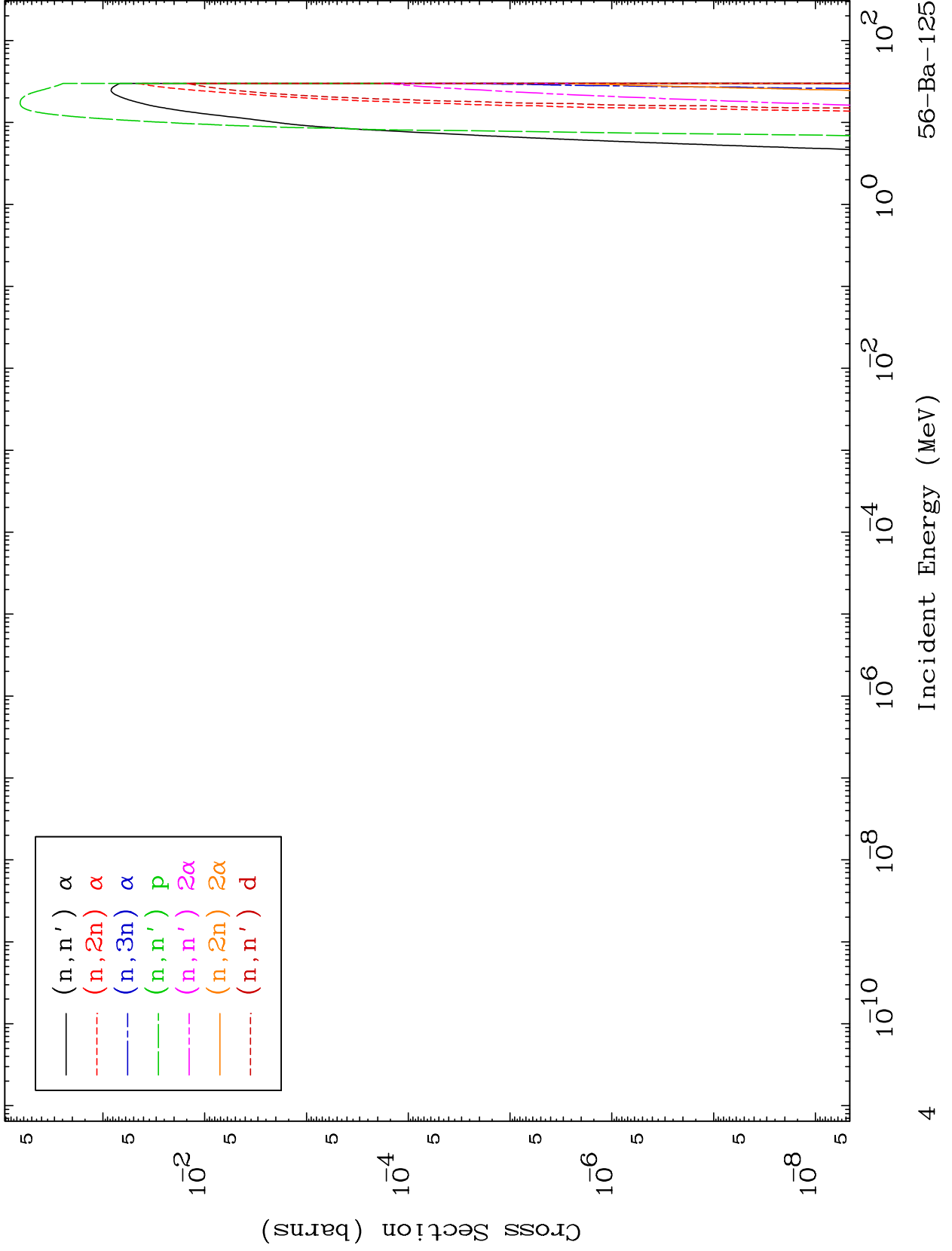
Incident Energy (MeV)

56-Ba-125

MAT 5610

Charged Particle
293 Kelvin Cross Sections

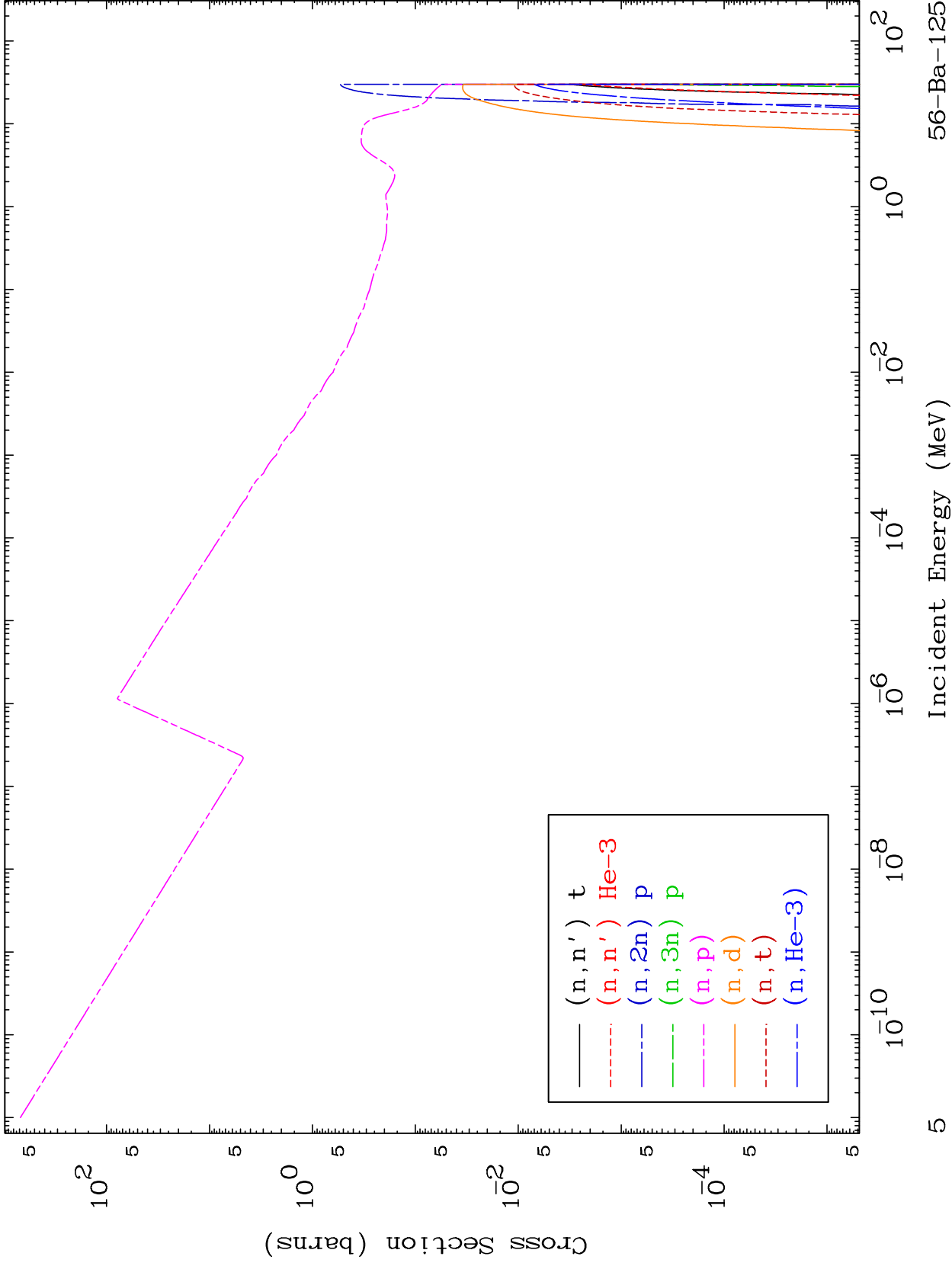
56-Ba-125



MAT 5610

Charged Particle
293 Kelvin Cross Sections

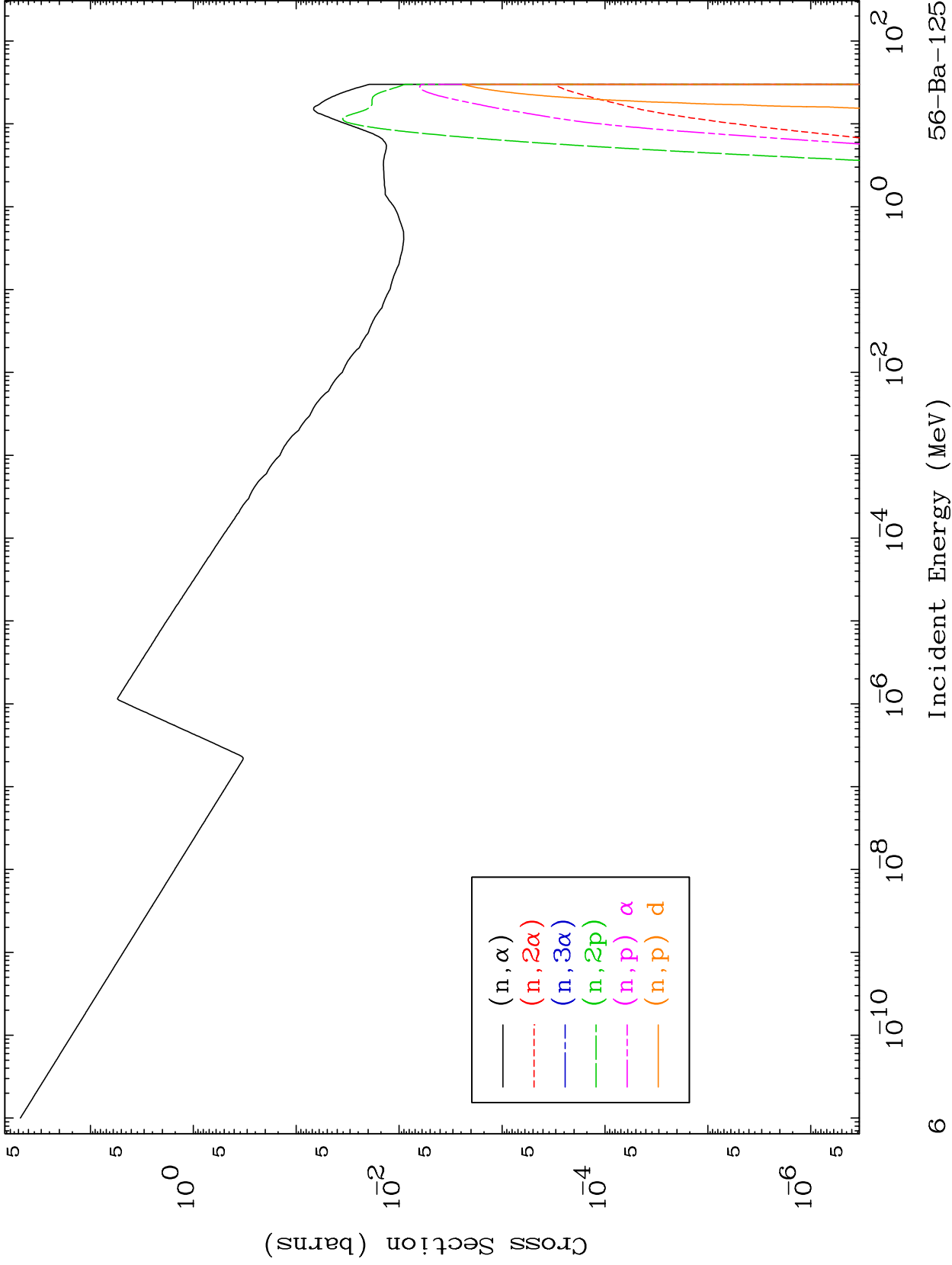
56-Ba-125



MAT 5610

Charged Particle
293 Kelvin Cross Sections

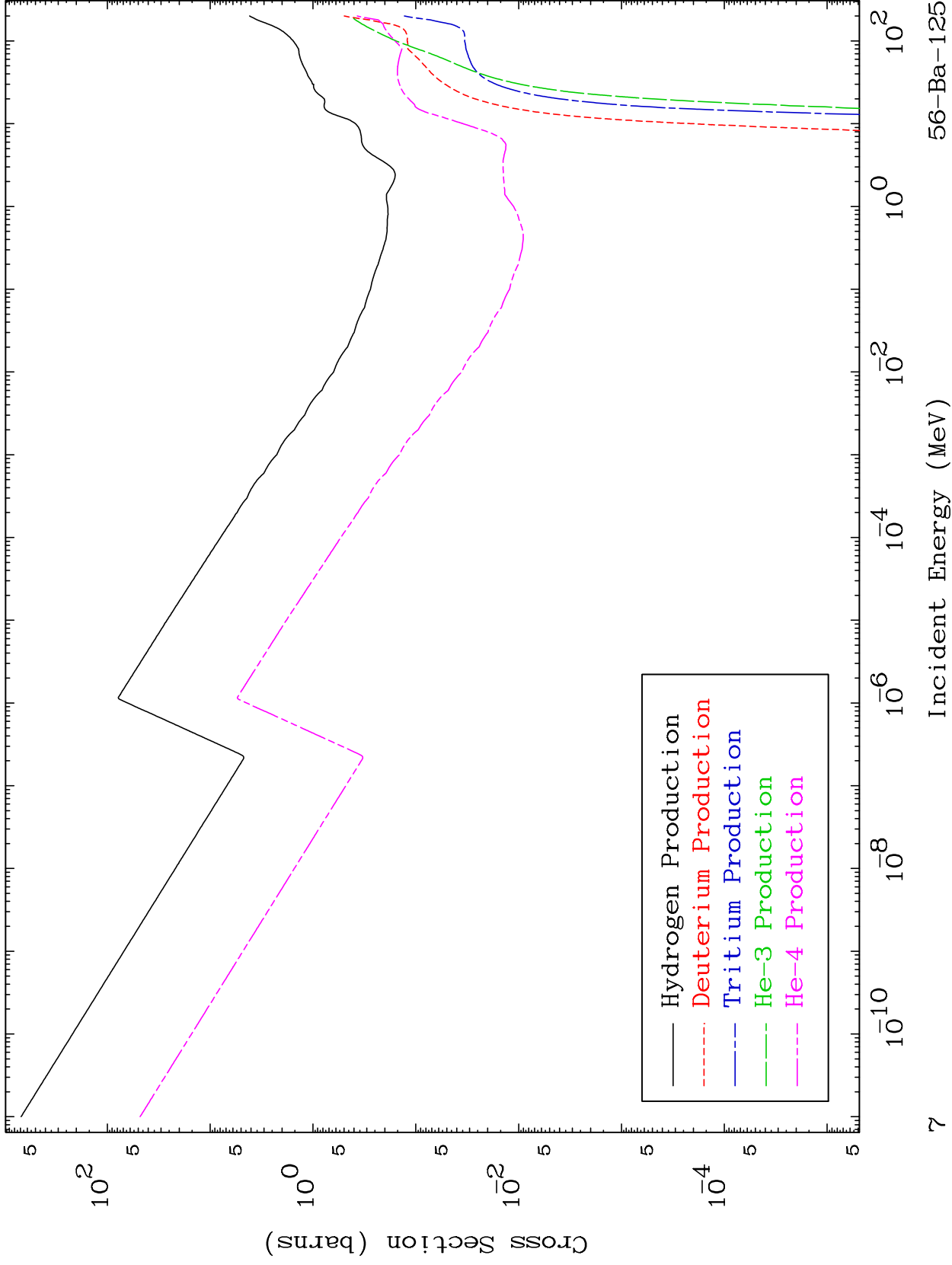
56-Ba-125



MAT 5610

Particle Production
293 Kelvin Cross Sections

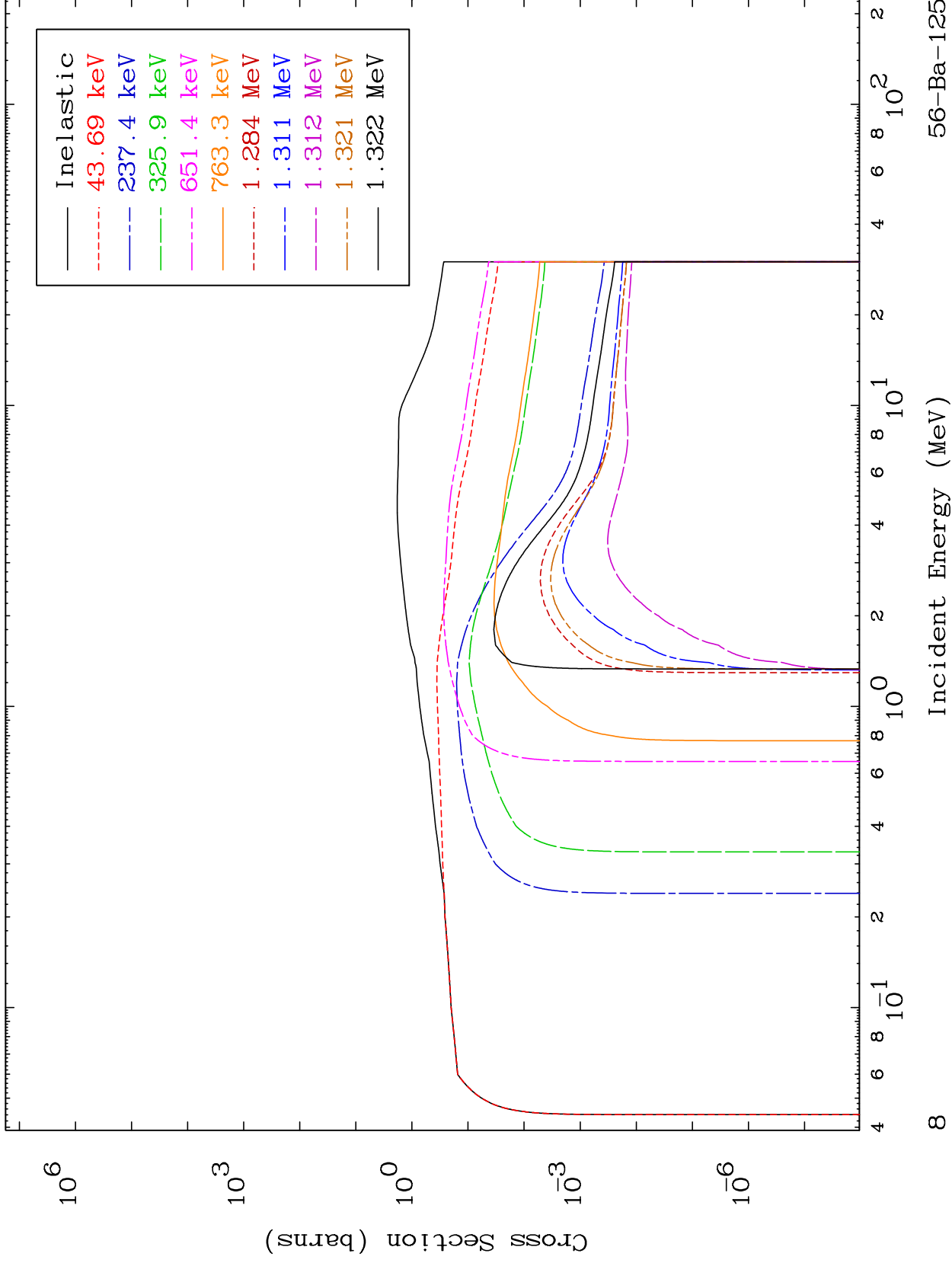
56-Ba-125



MAT 5610

(n,n') Level
293 Kelvin Cross Sections

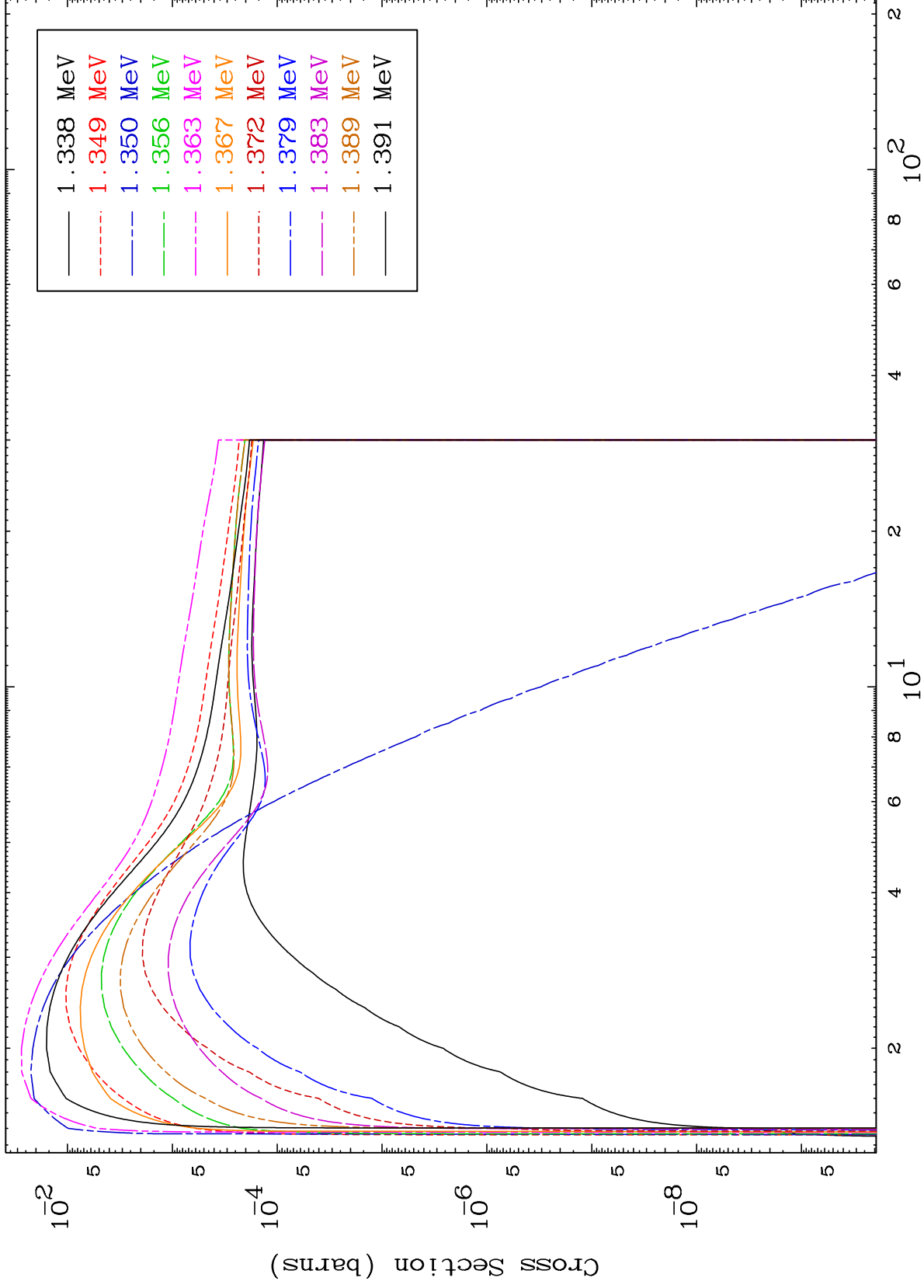
56-Ba-125



MAT 5610

(n,n') Level
293 Kelvin Cross Sections

56-Ba-125



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Incident Energy (MeV)

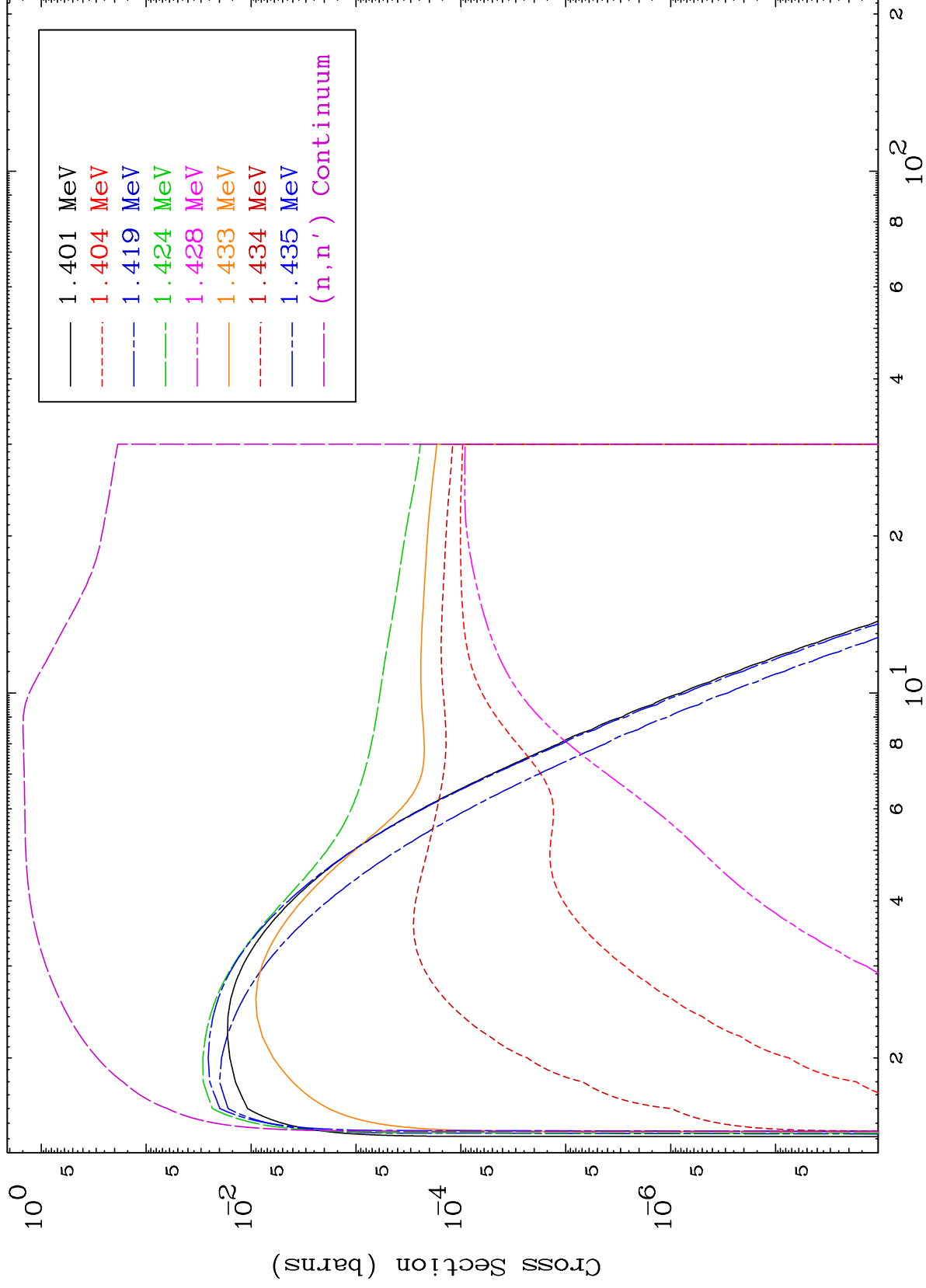
56-Ba-125

MAT 5610

(n,n') Level

56-Ba-125

293 Kelvin Cross Sections



10

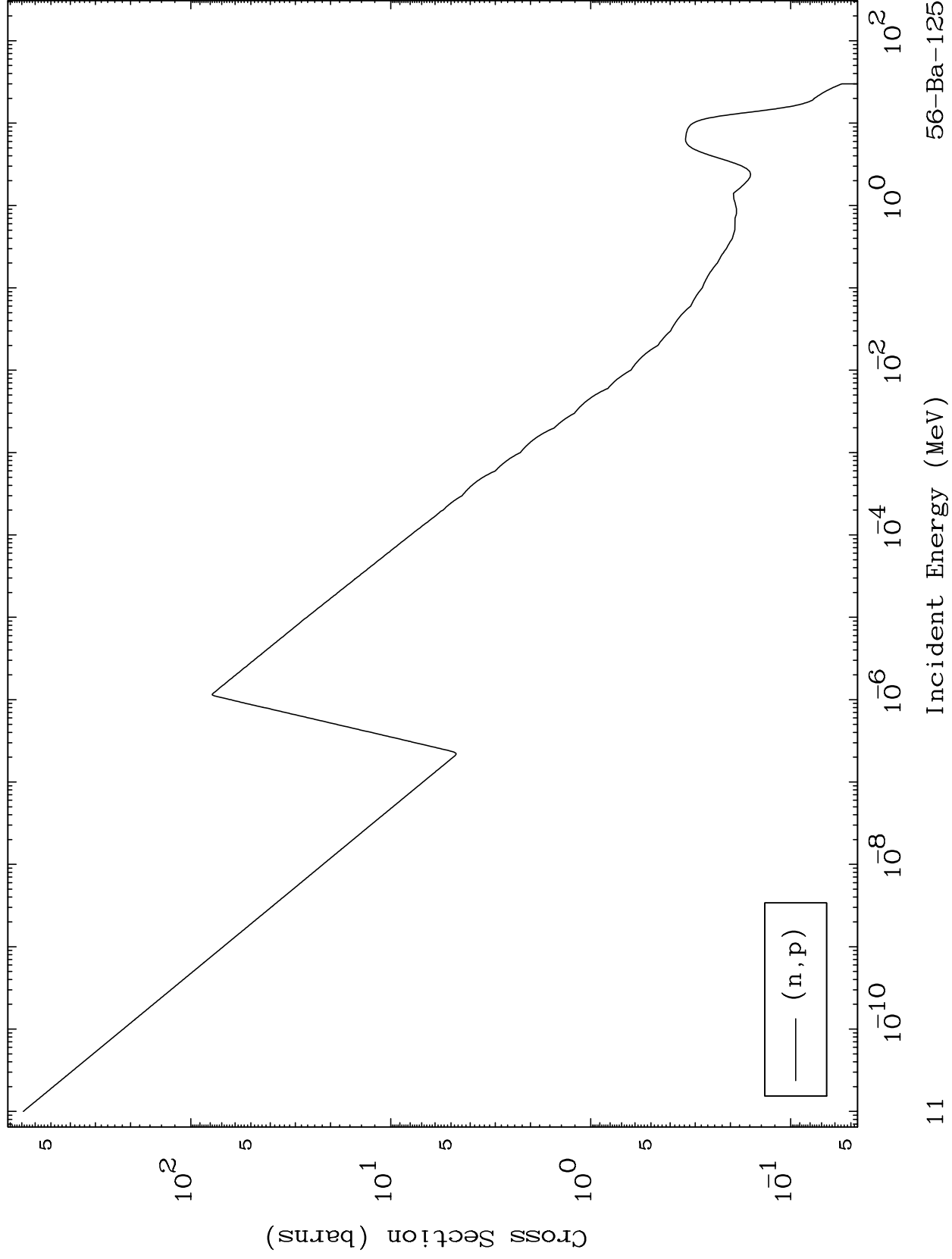
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,p) Levels
293 Kelvin Cross Sections

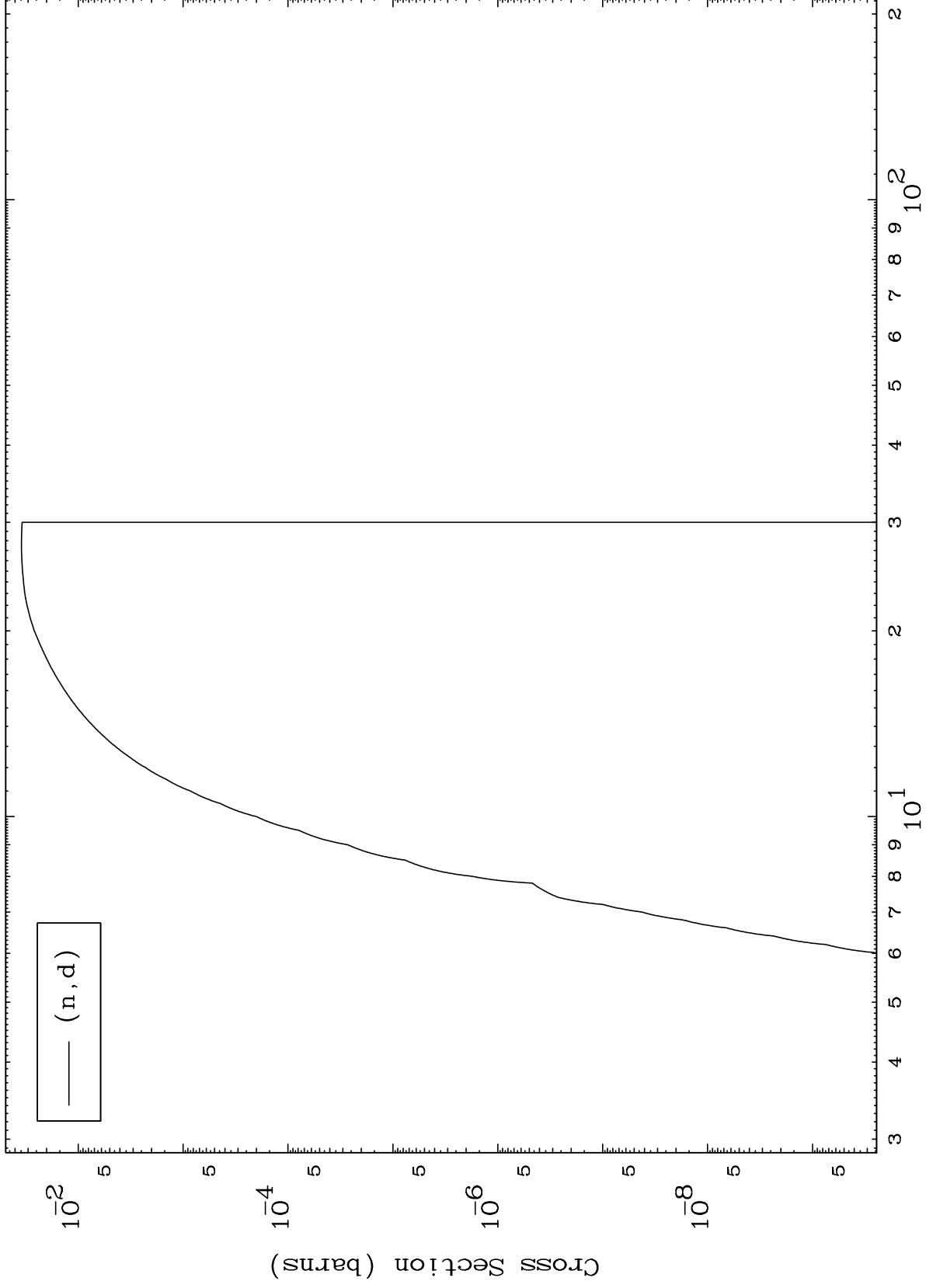
56-Ba-125



MAT 5610

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-125



12

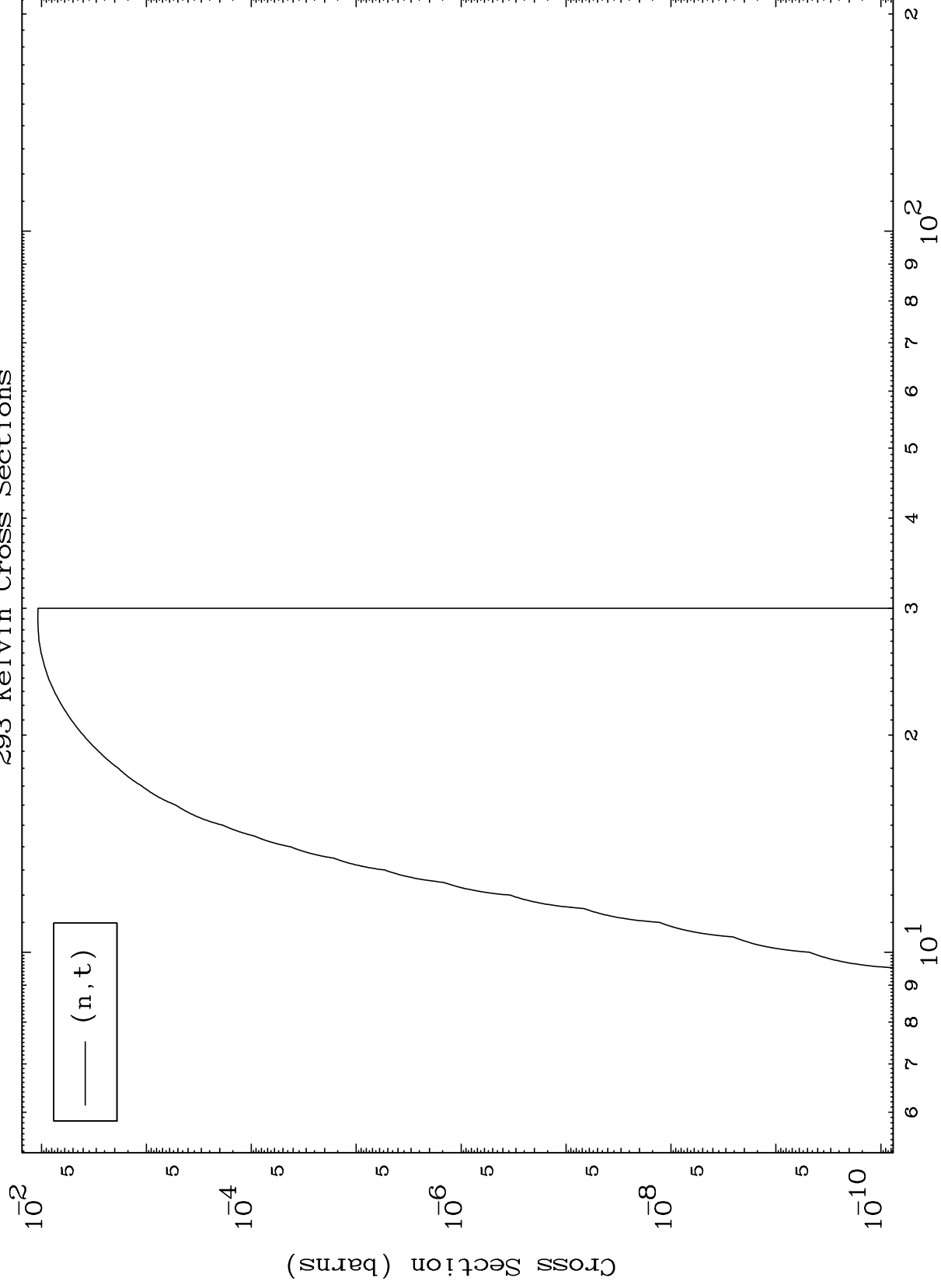
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-125



13

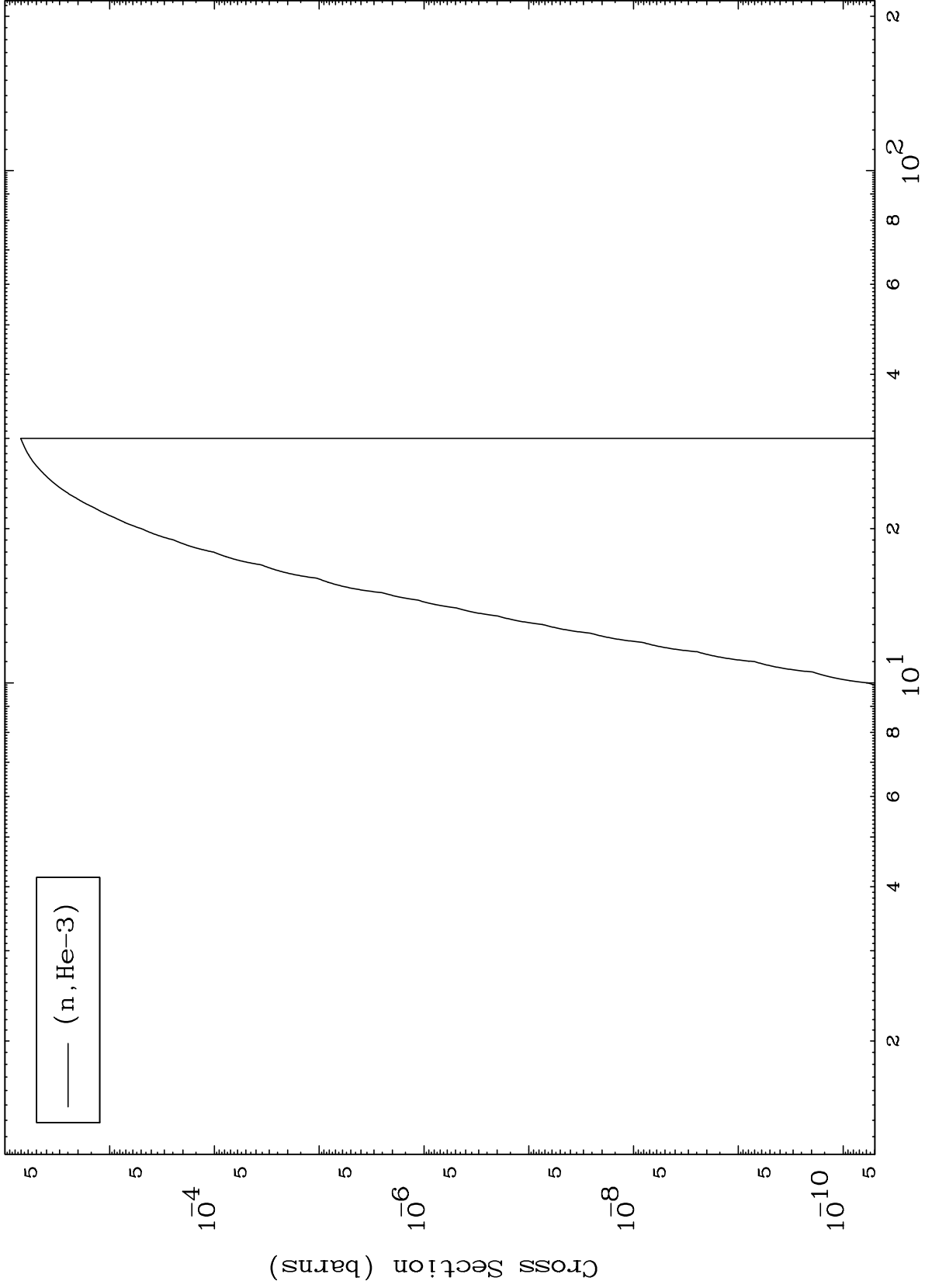
Incident Energy (MeV)

56-Ba-125

MAT 5610

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-125



14

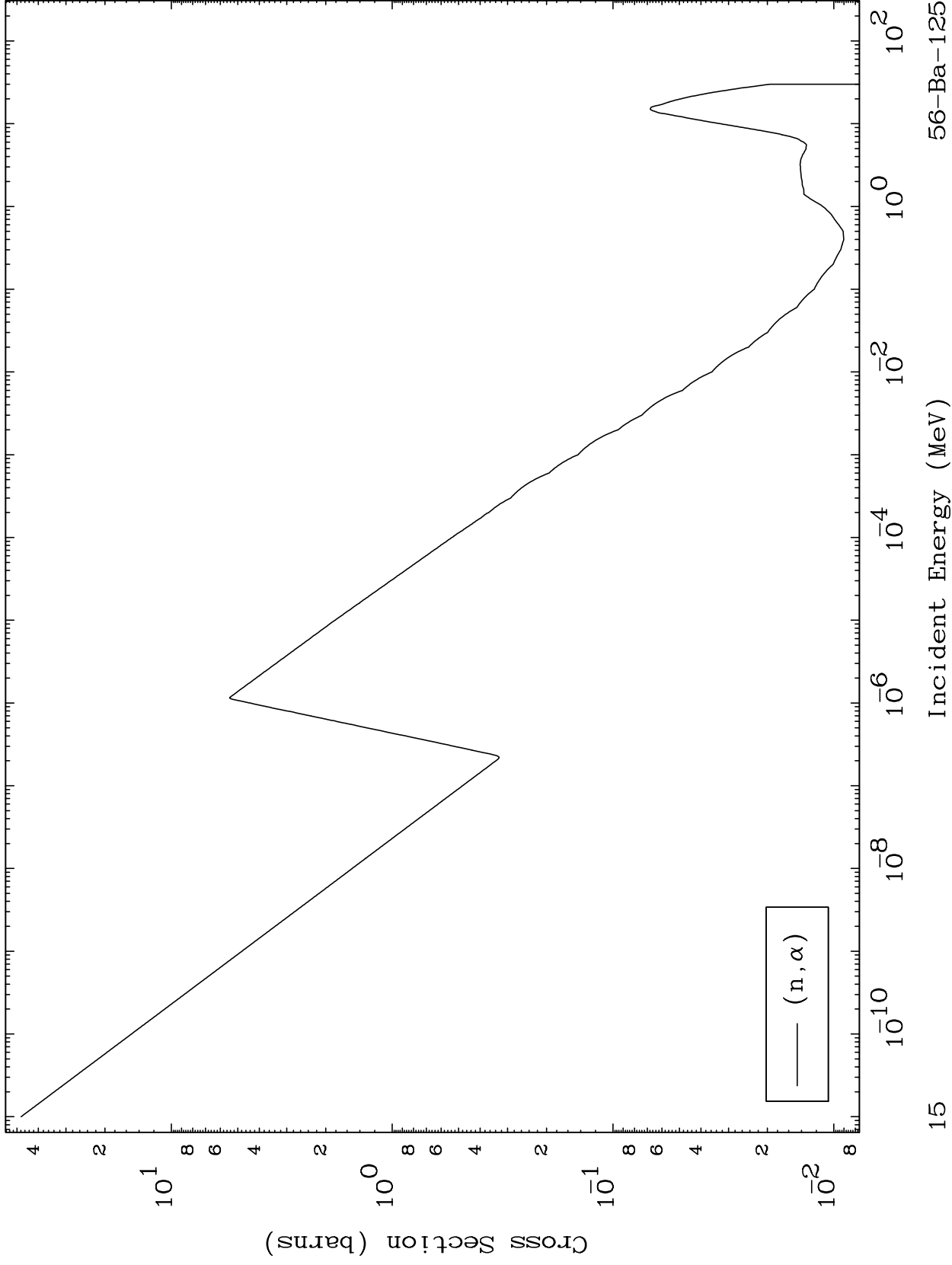
Incident Energy (MeV)

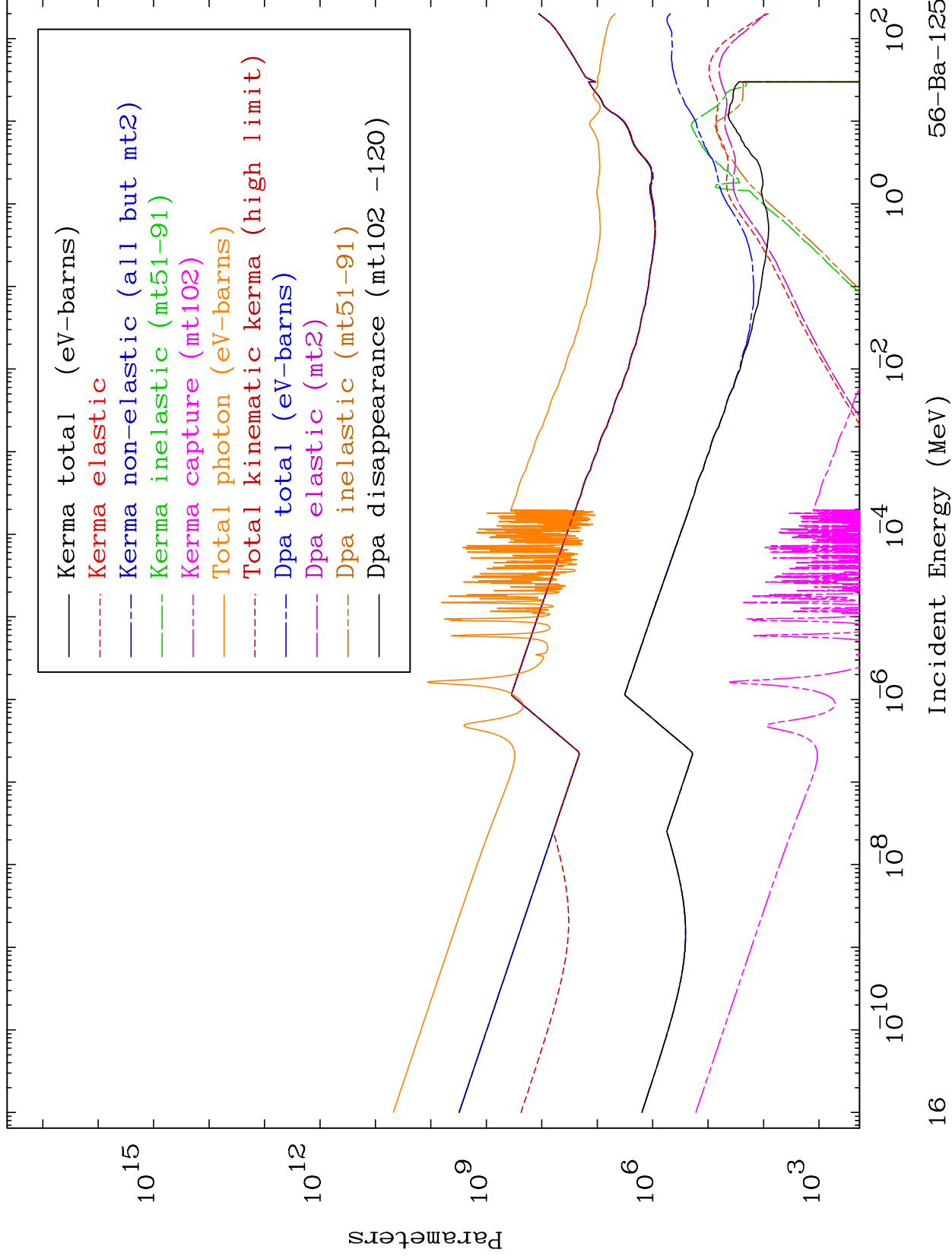
56-Ba-125

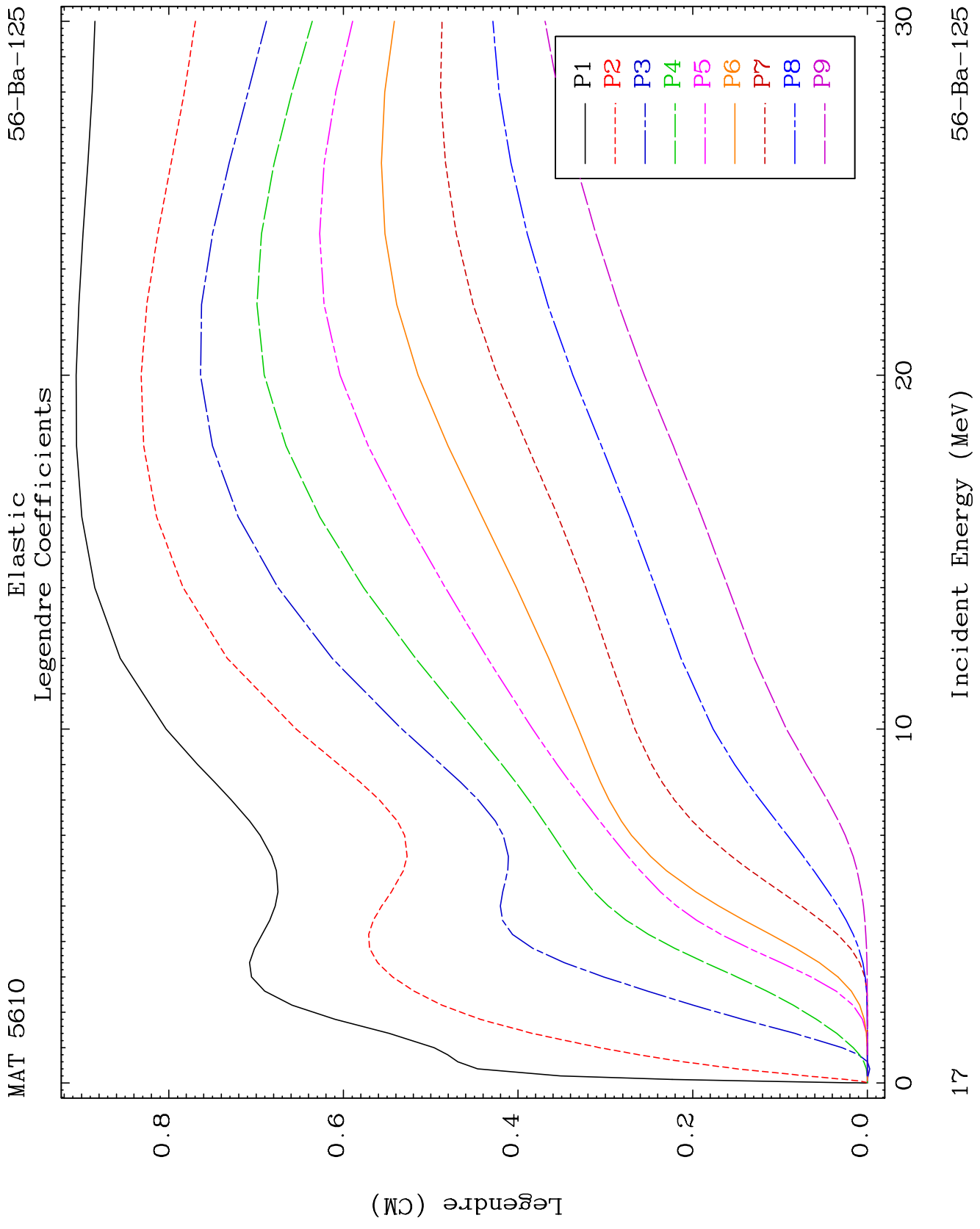
MAT 5610

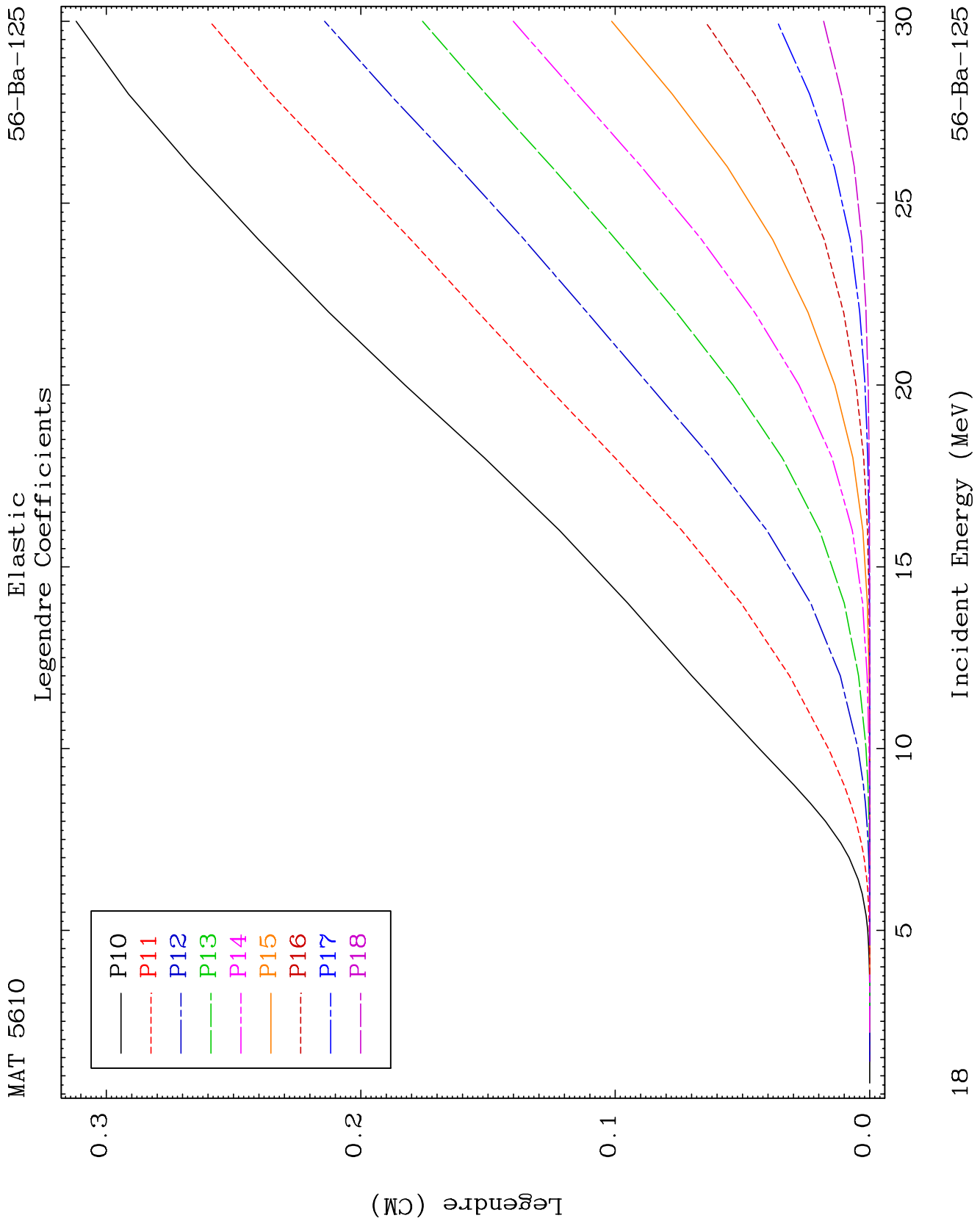
(n,α) Levels
293 Kelvin Cross Sections

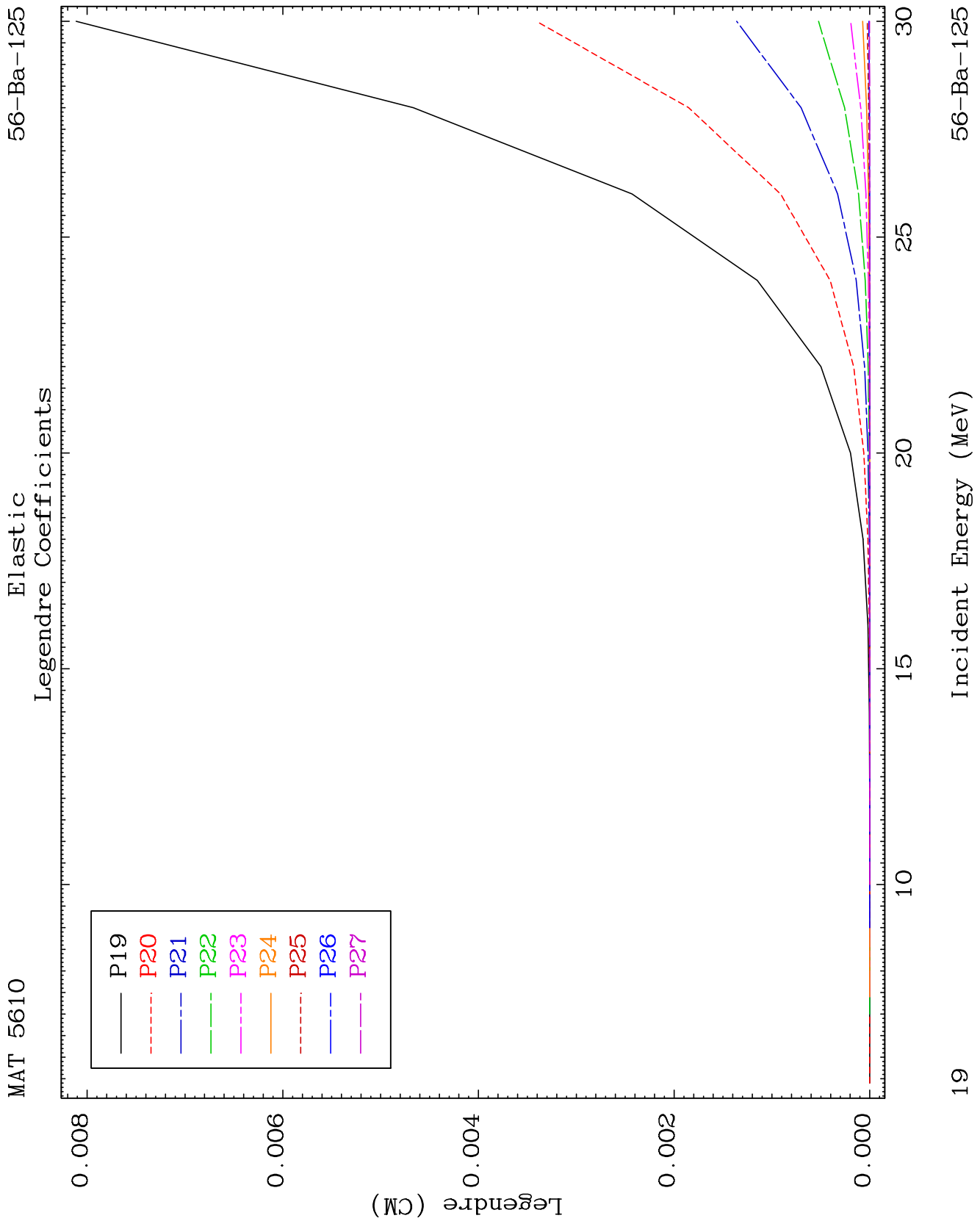
56-Ba-125







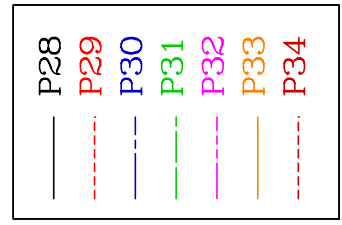




MAT 5610

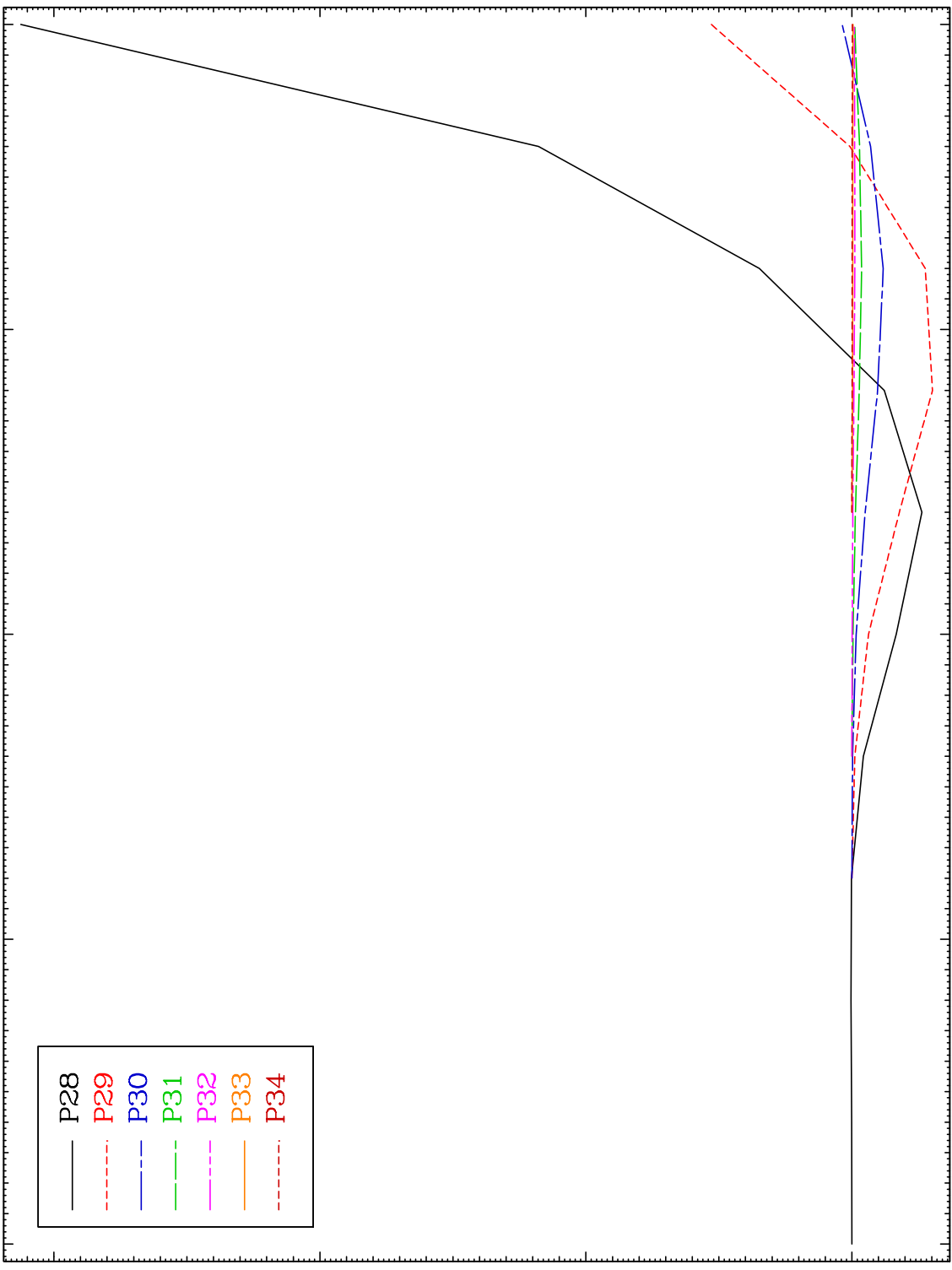
Elastic Legendre Coefficients

56-Ba-125



$\times 10^{-76}$

Legendre (CM)



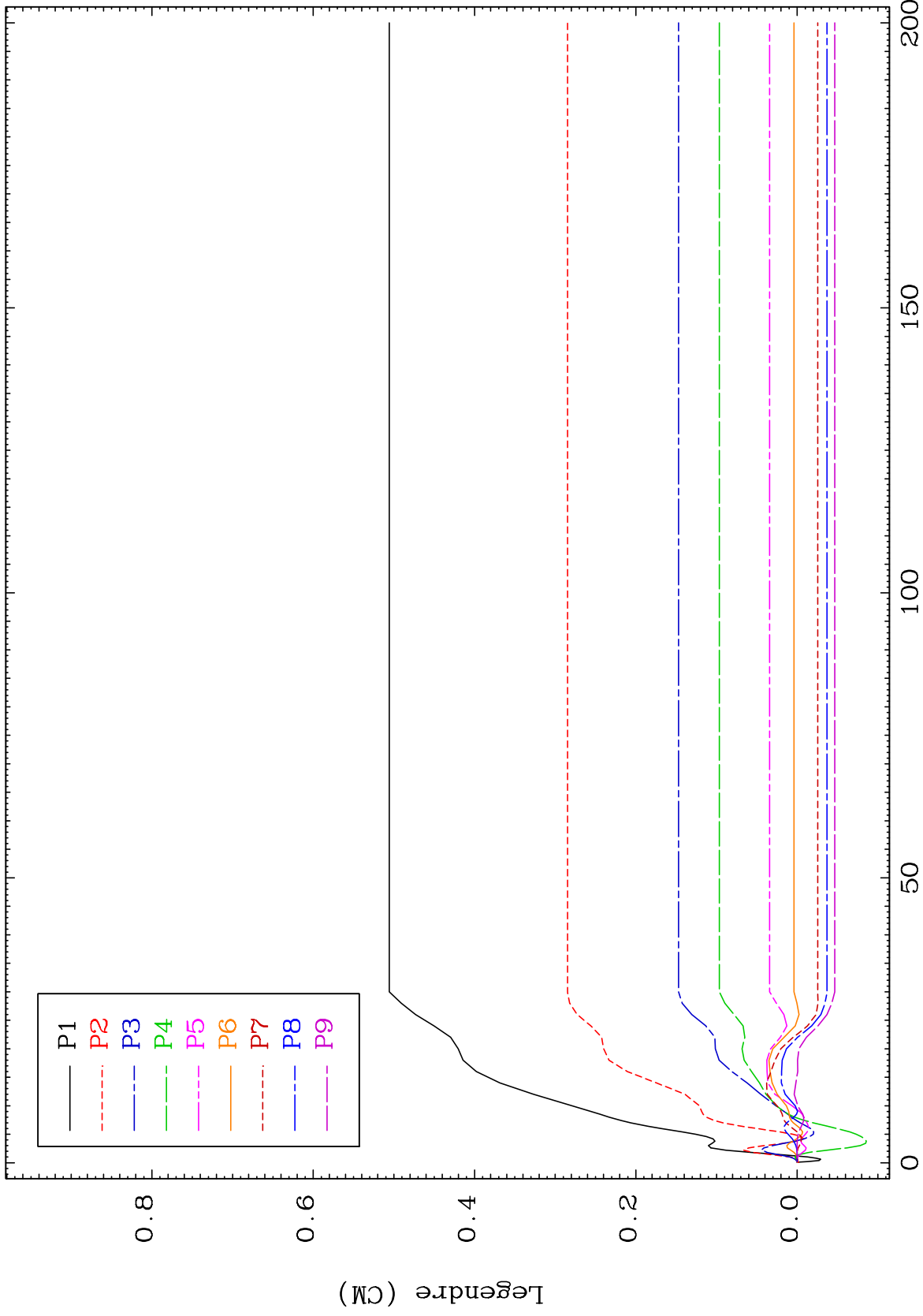
Incident Energy (MeV)

56-Ba-125

MAT 5610

43.69 keV (n, n') Level
Legendre Coefficients

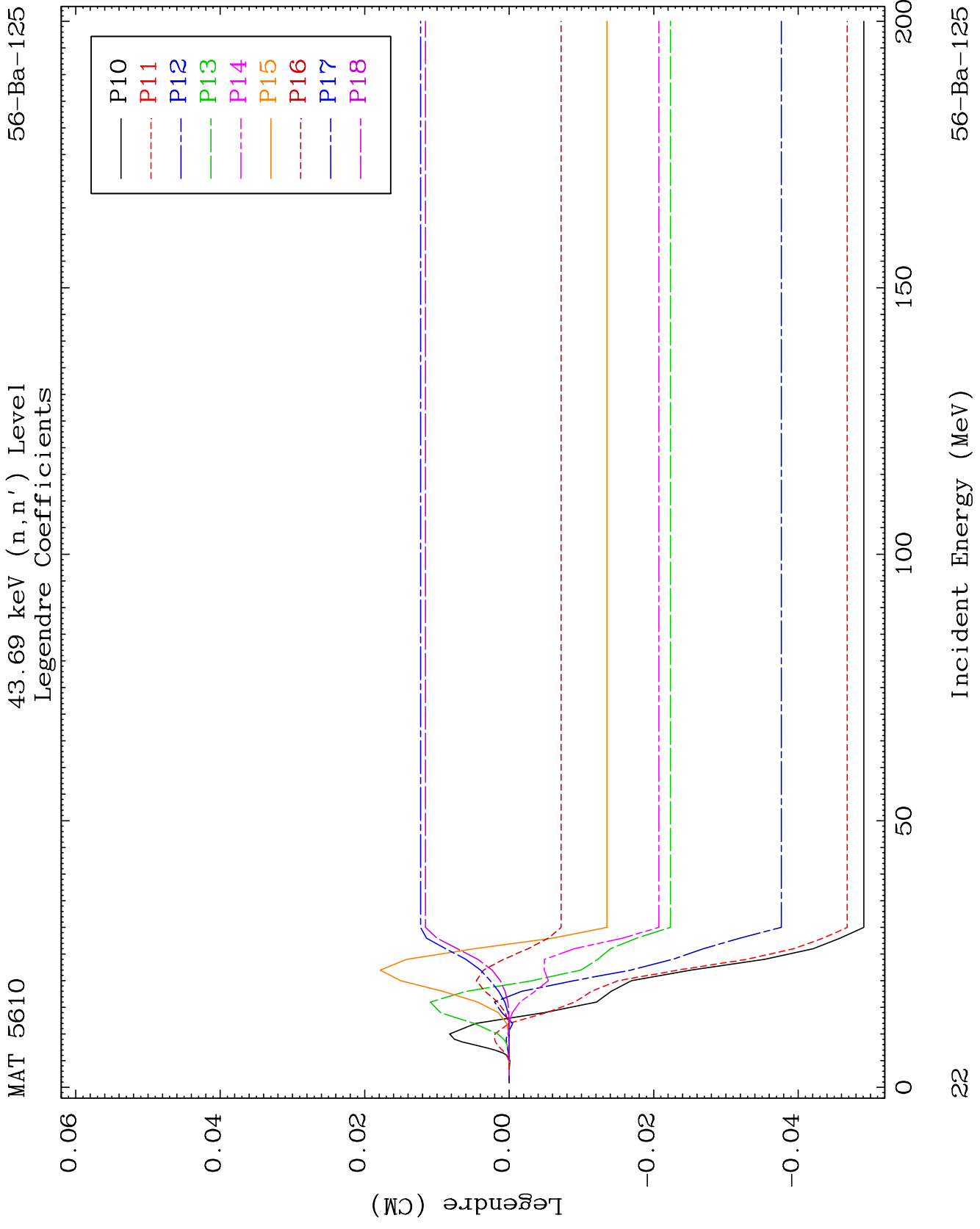
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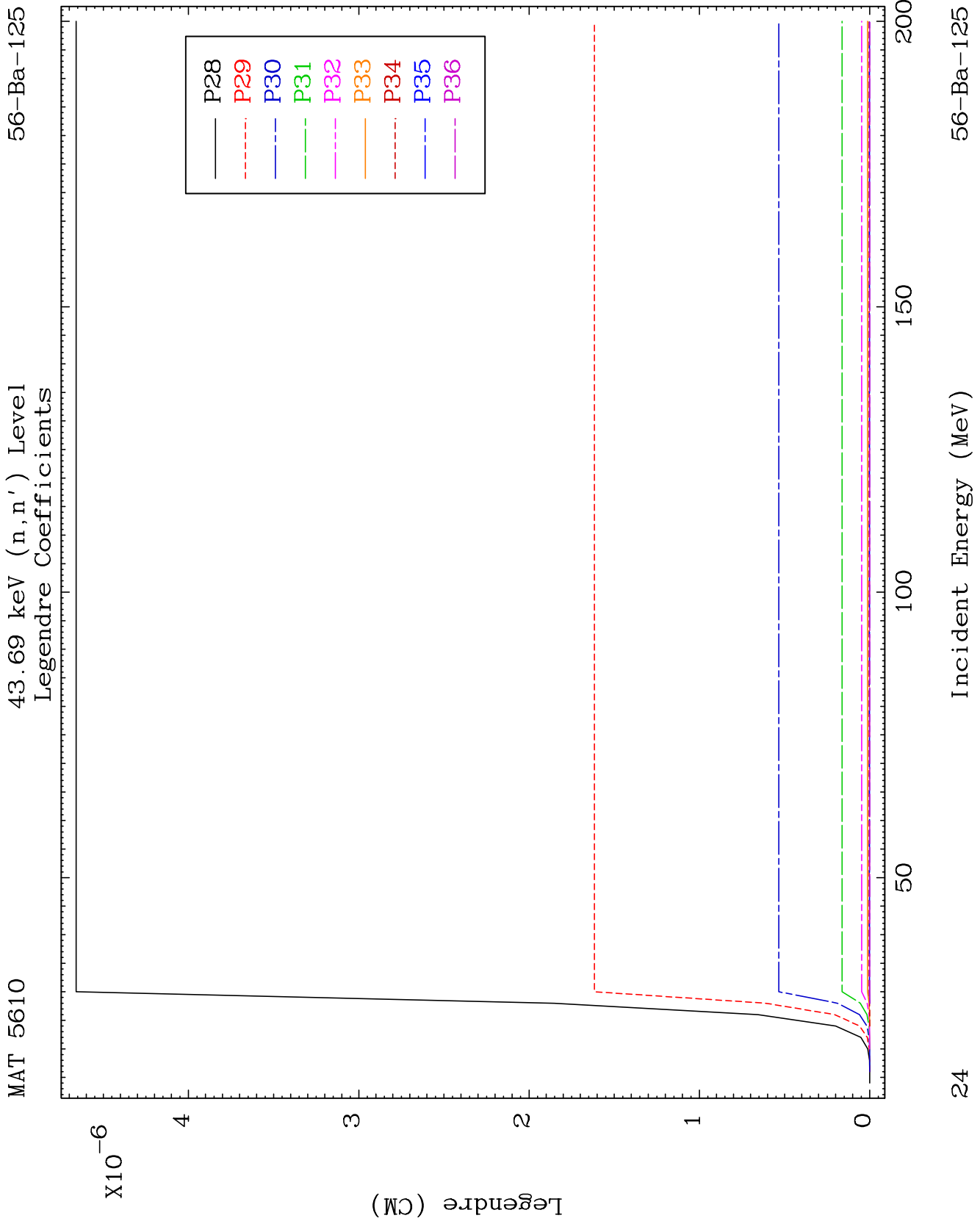


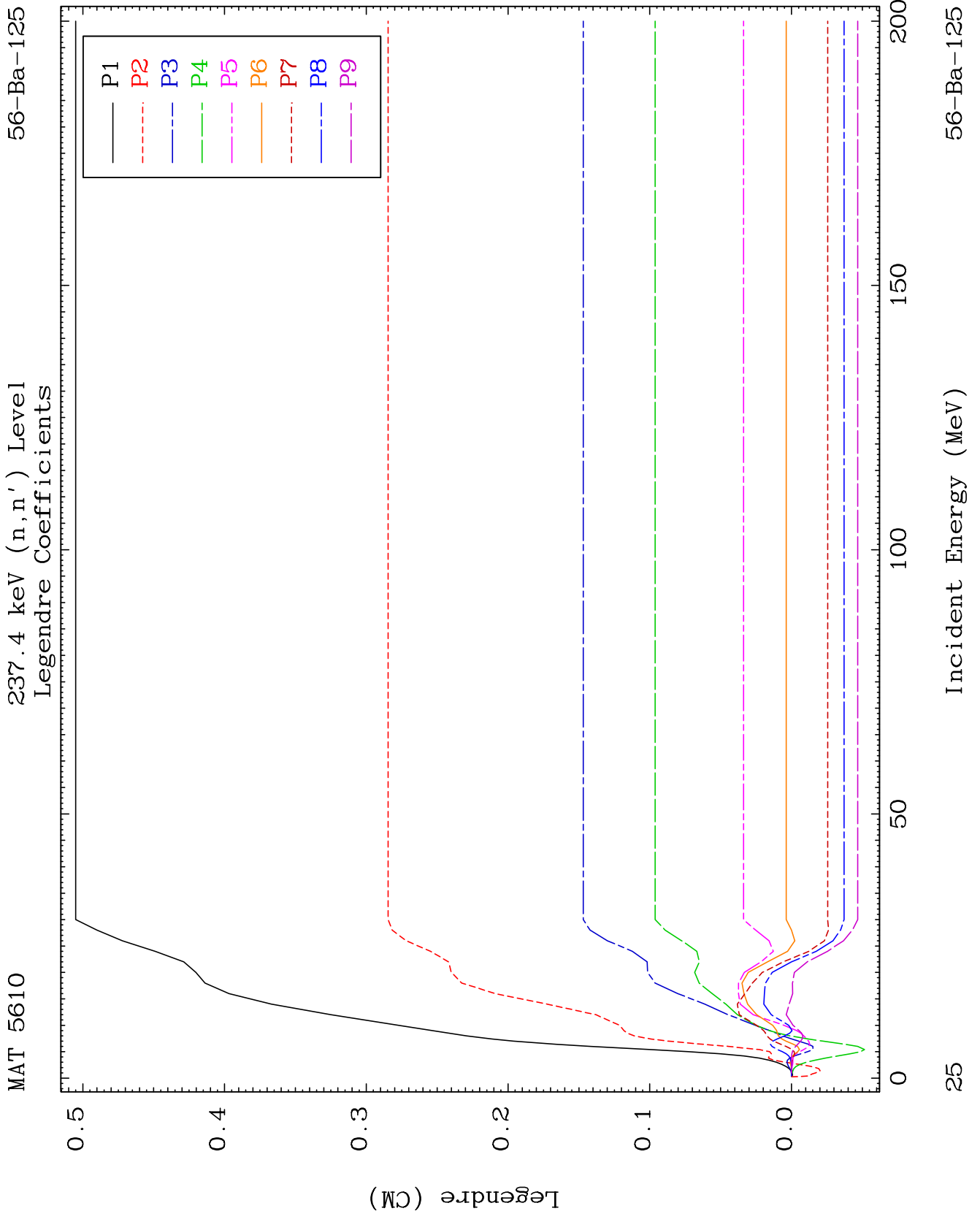
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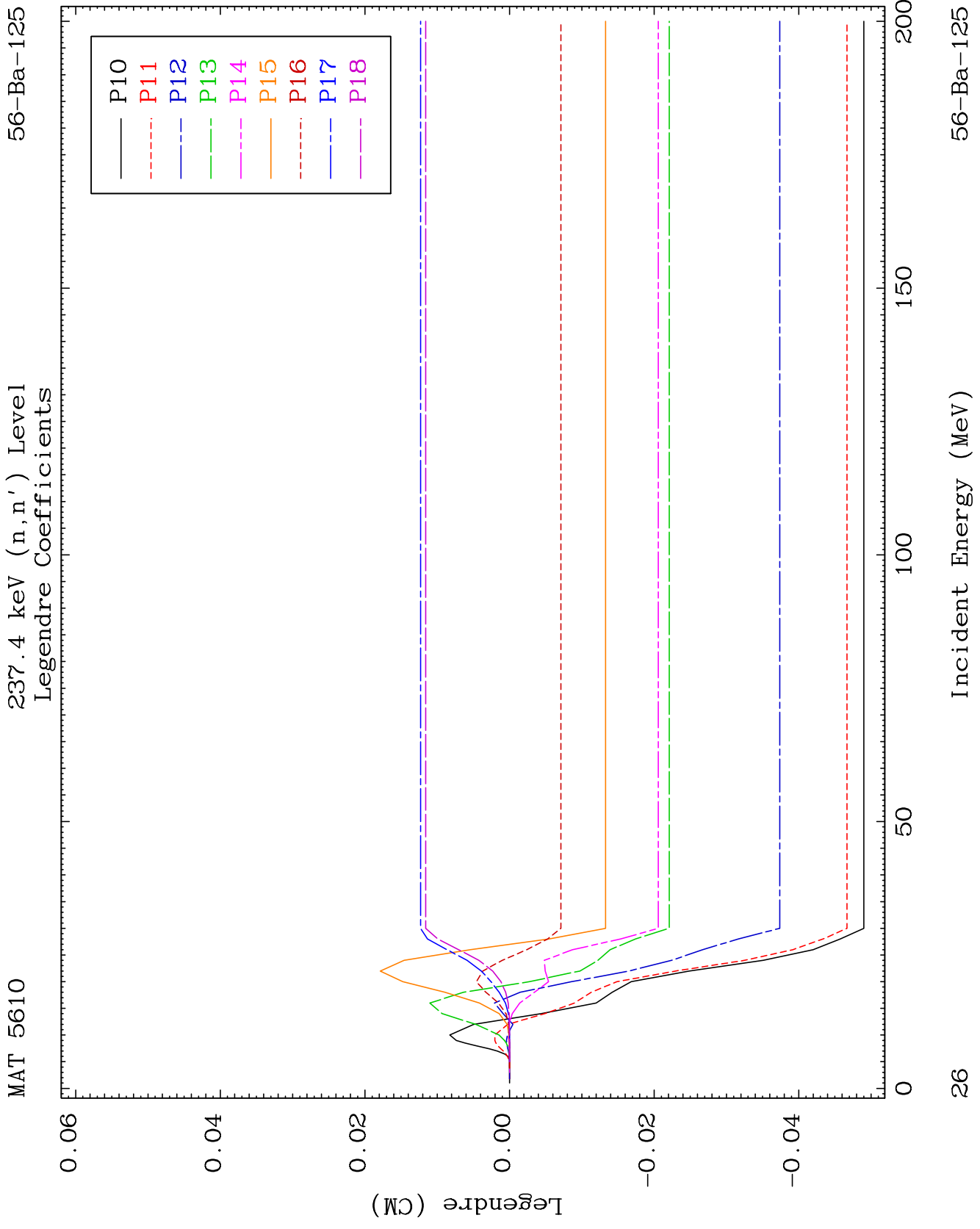
Incident Energy (MeV)

56-Ba-125





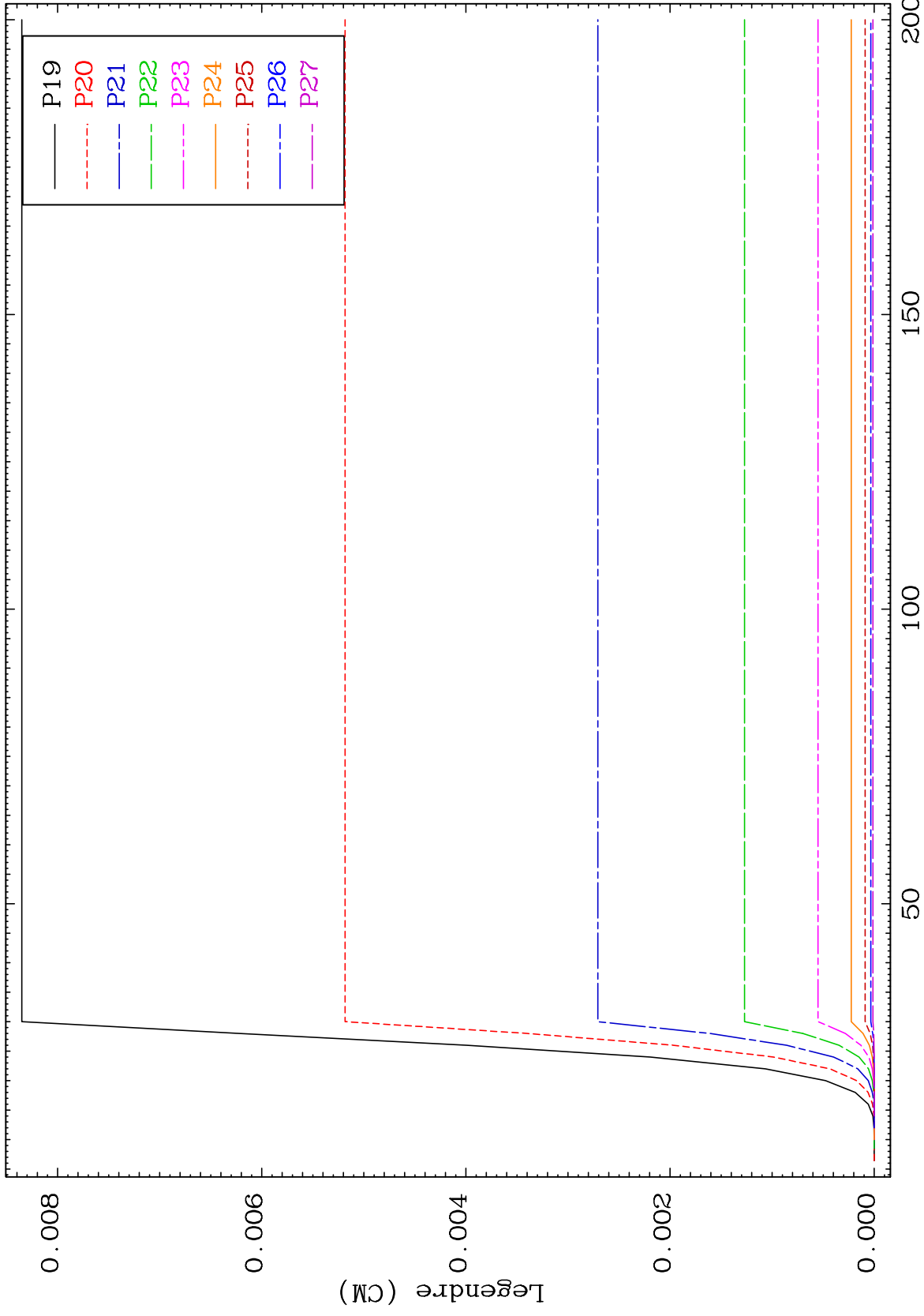




MAT 5610

237.4 keV (n,n') Level
Legendre Coefficients

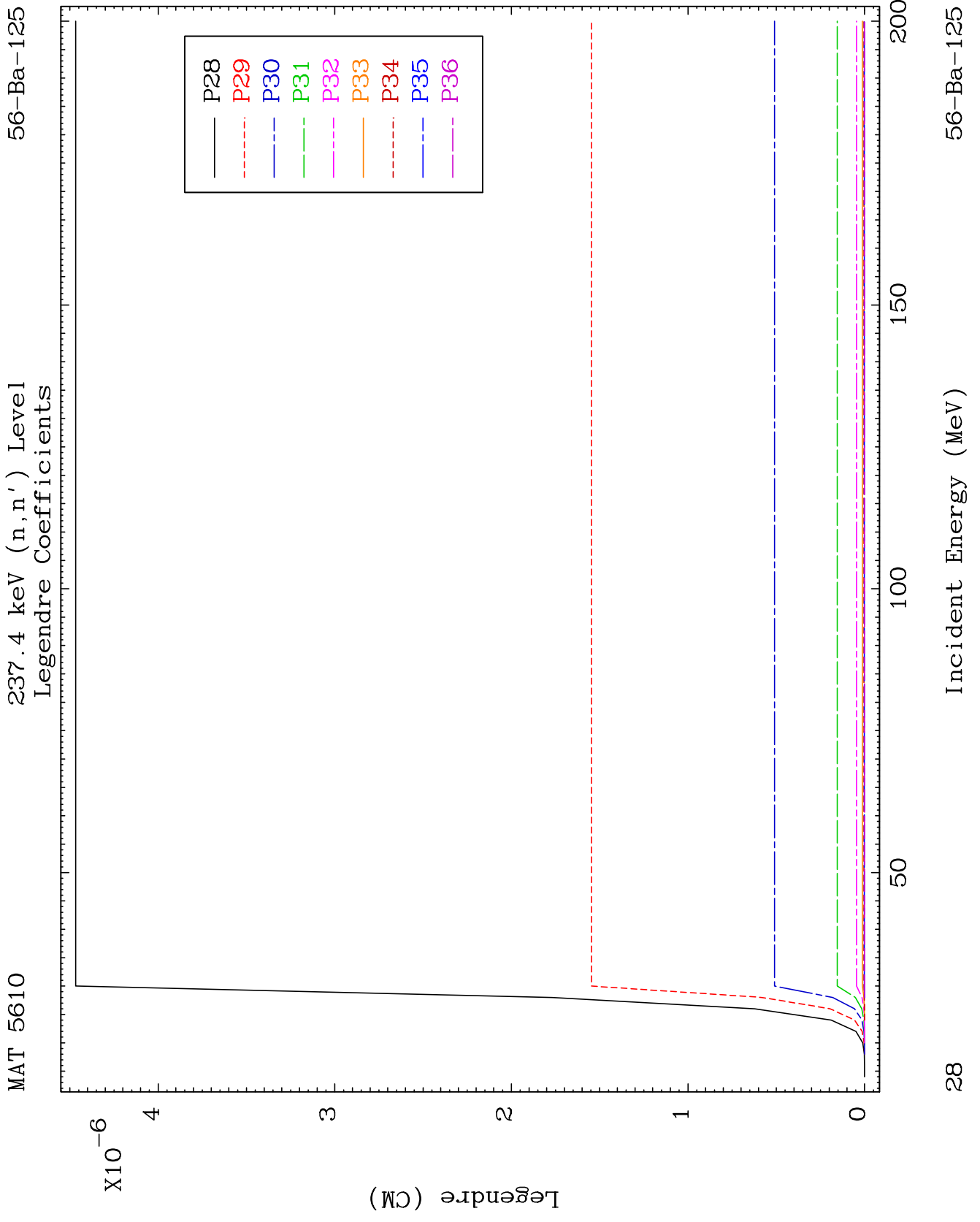
56-Ba-125

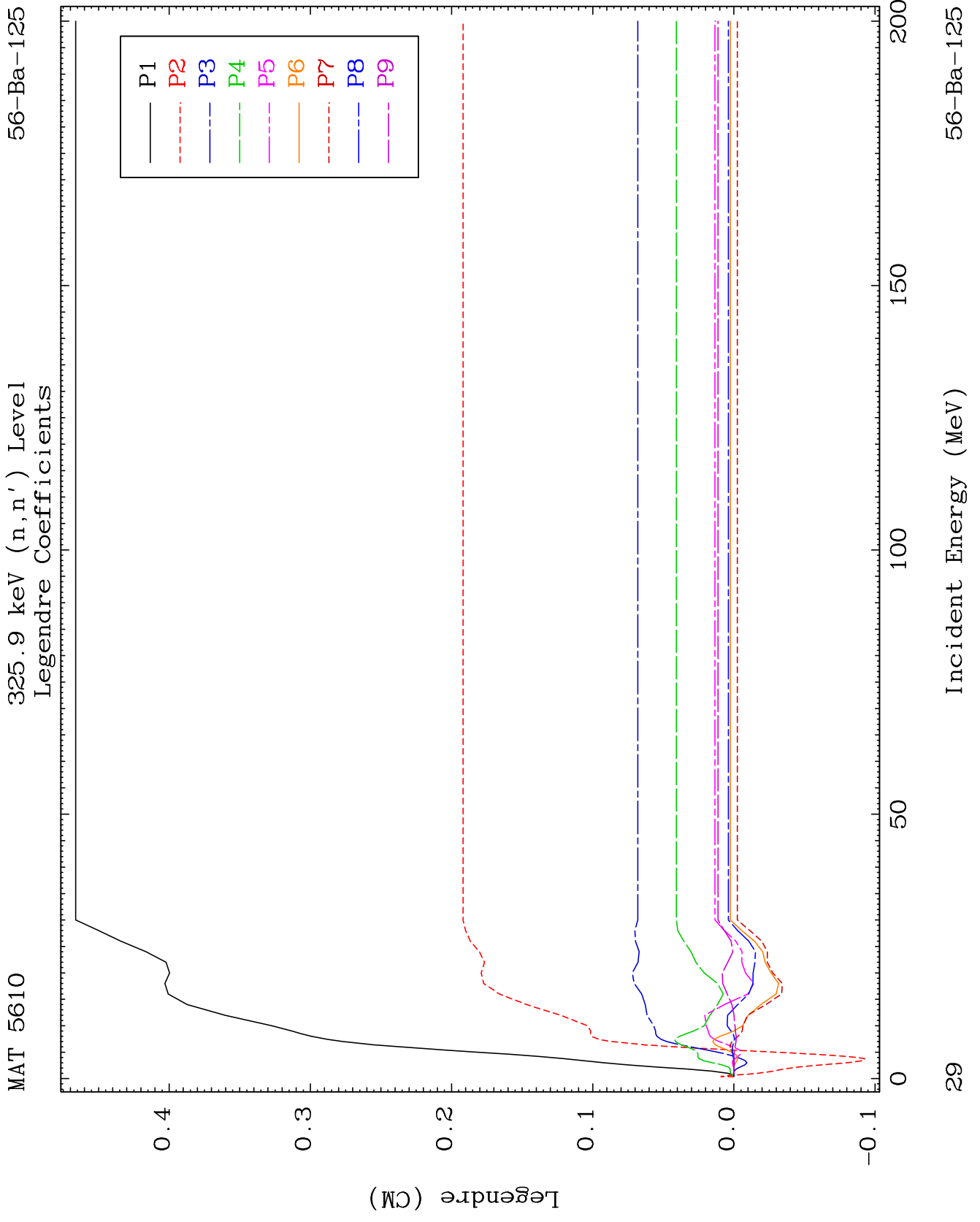


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Incident Energy (MeV)

56-Ba-125

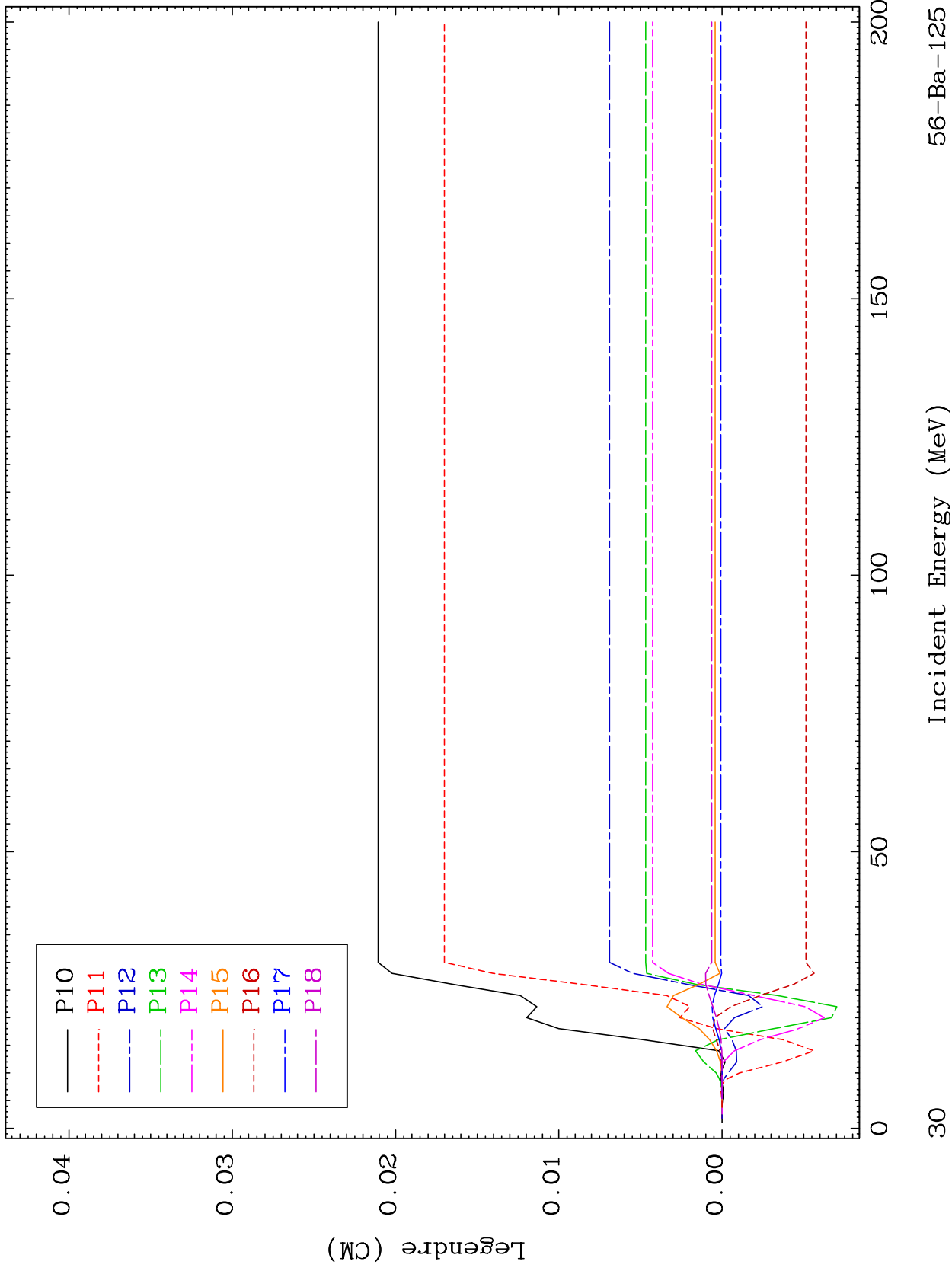




MAT 5610

325.9 keV (n,n') Level
Legendre Coefficients

56-Ba-125



56-Ba-125

Incident Energy (MeV)

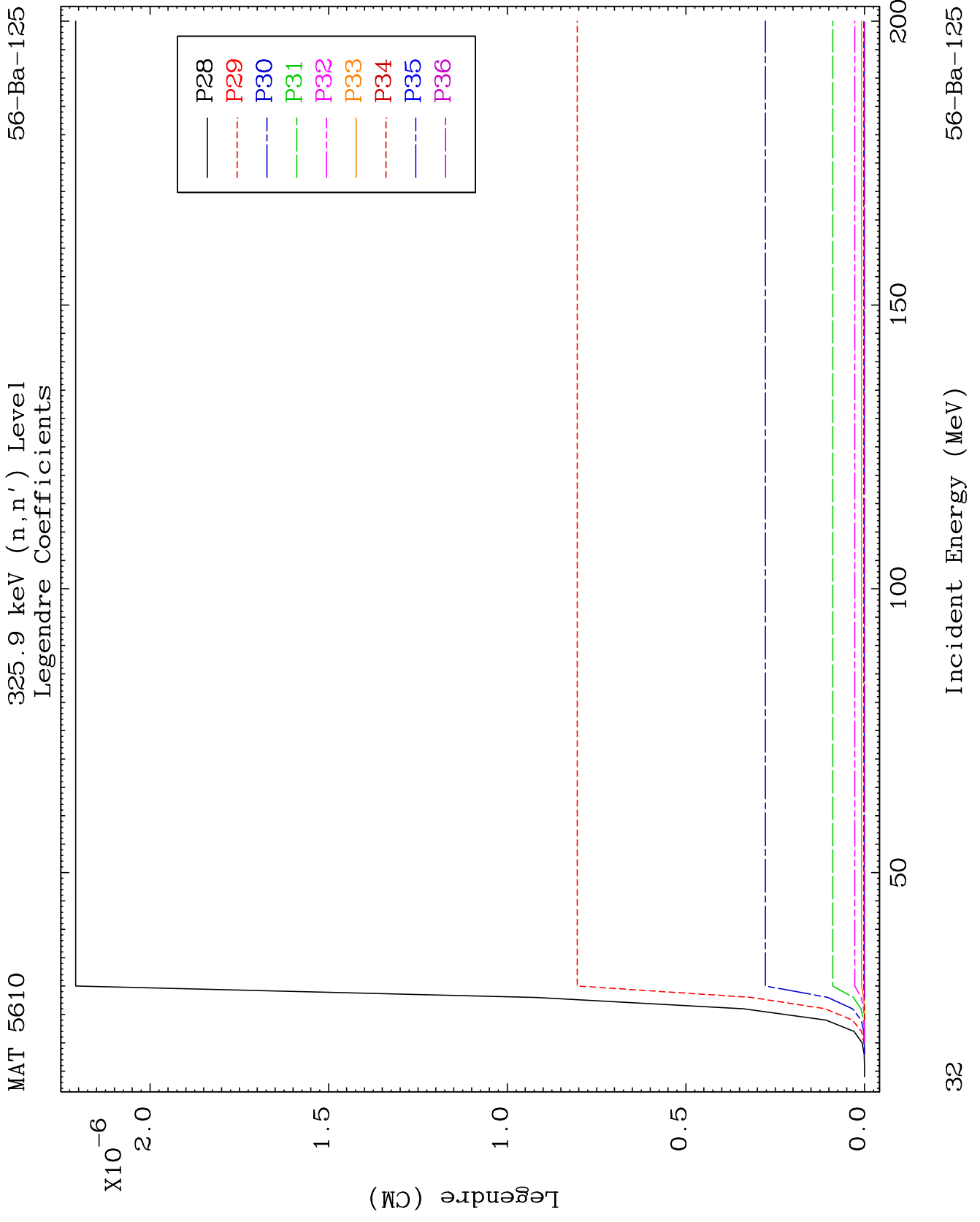
30

200

150

100

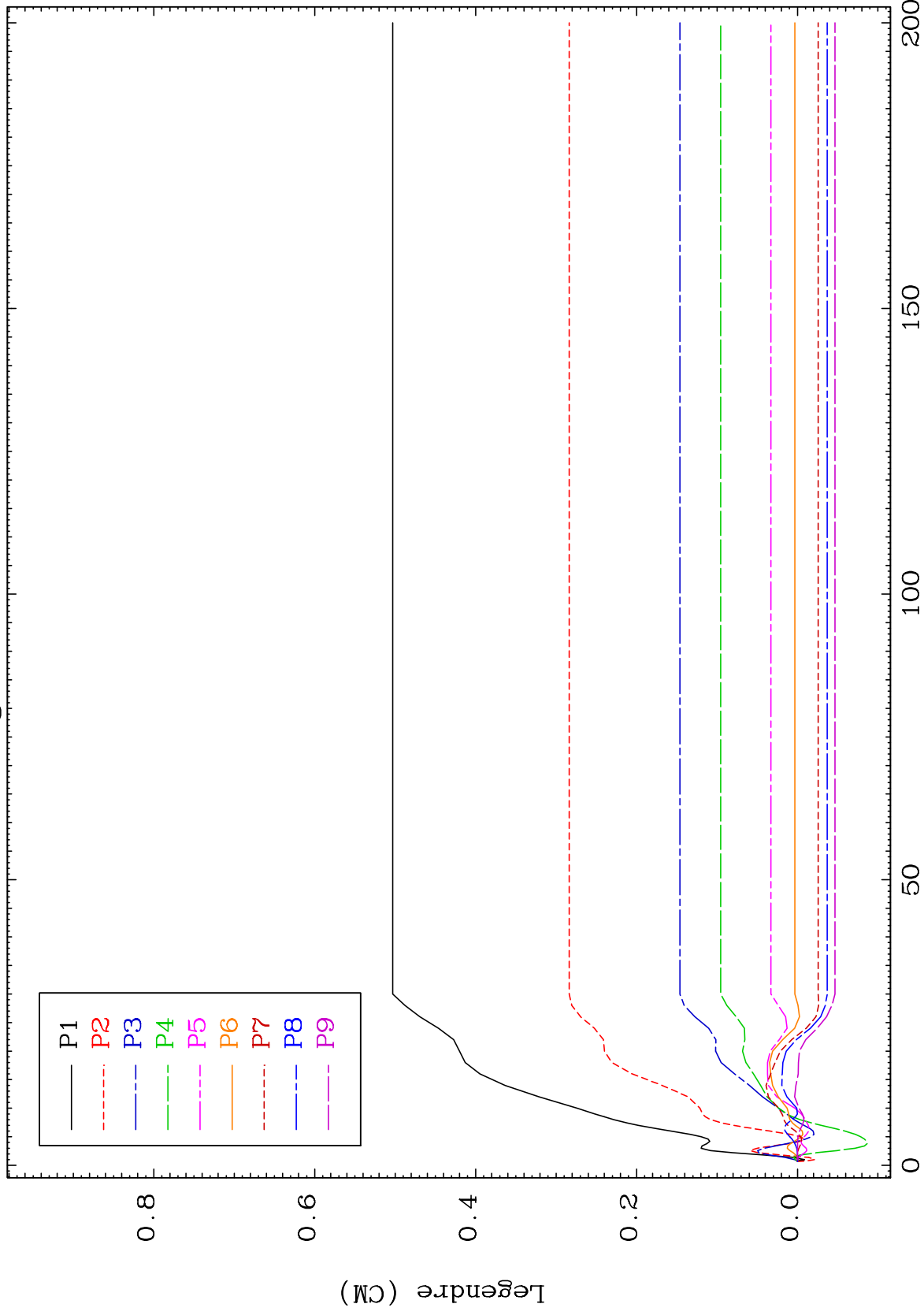
50



MAT 5610

651.4 keV (n,n') Level
Legendre Coefficients

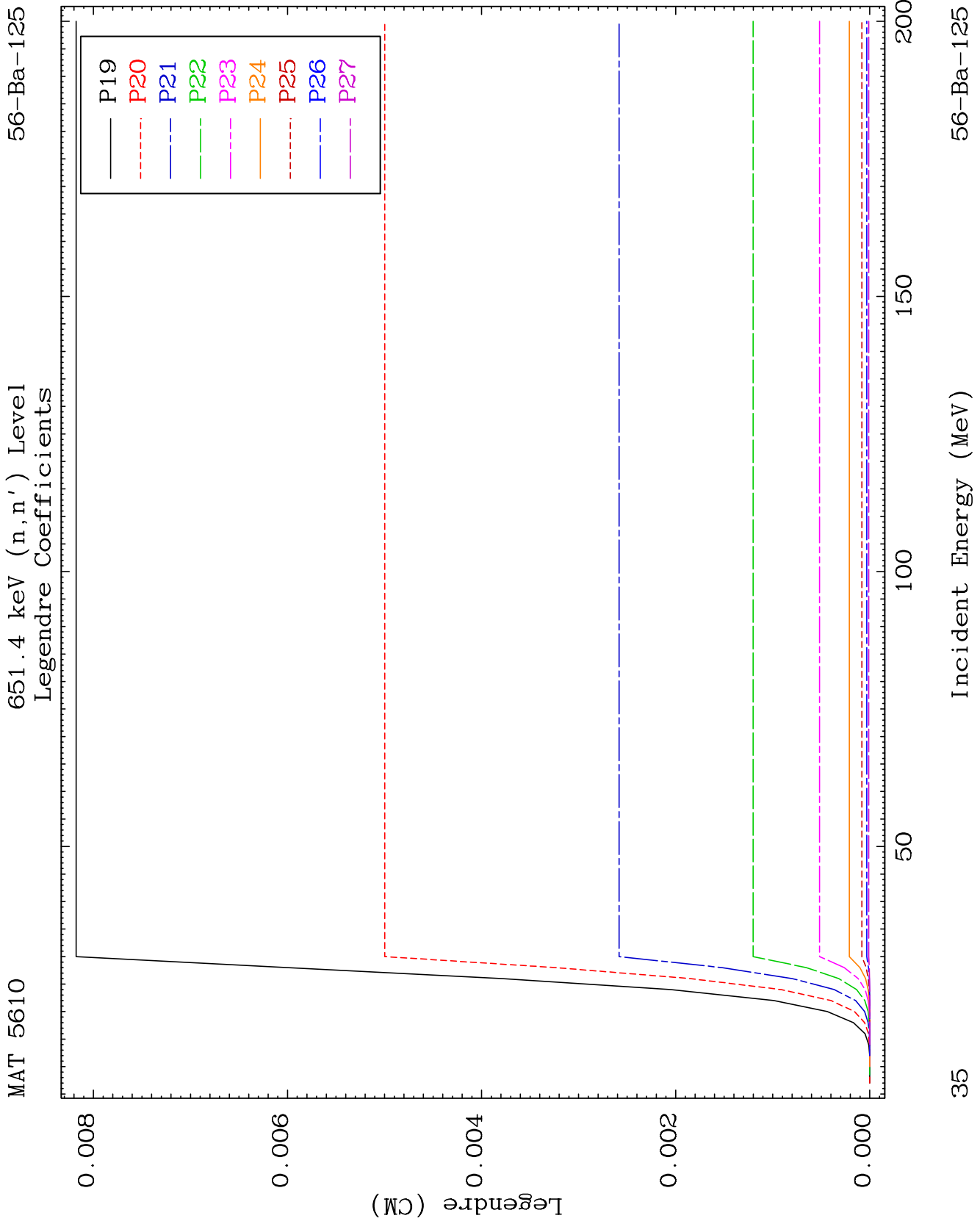
56-Ba-125

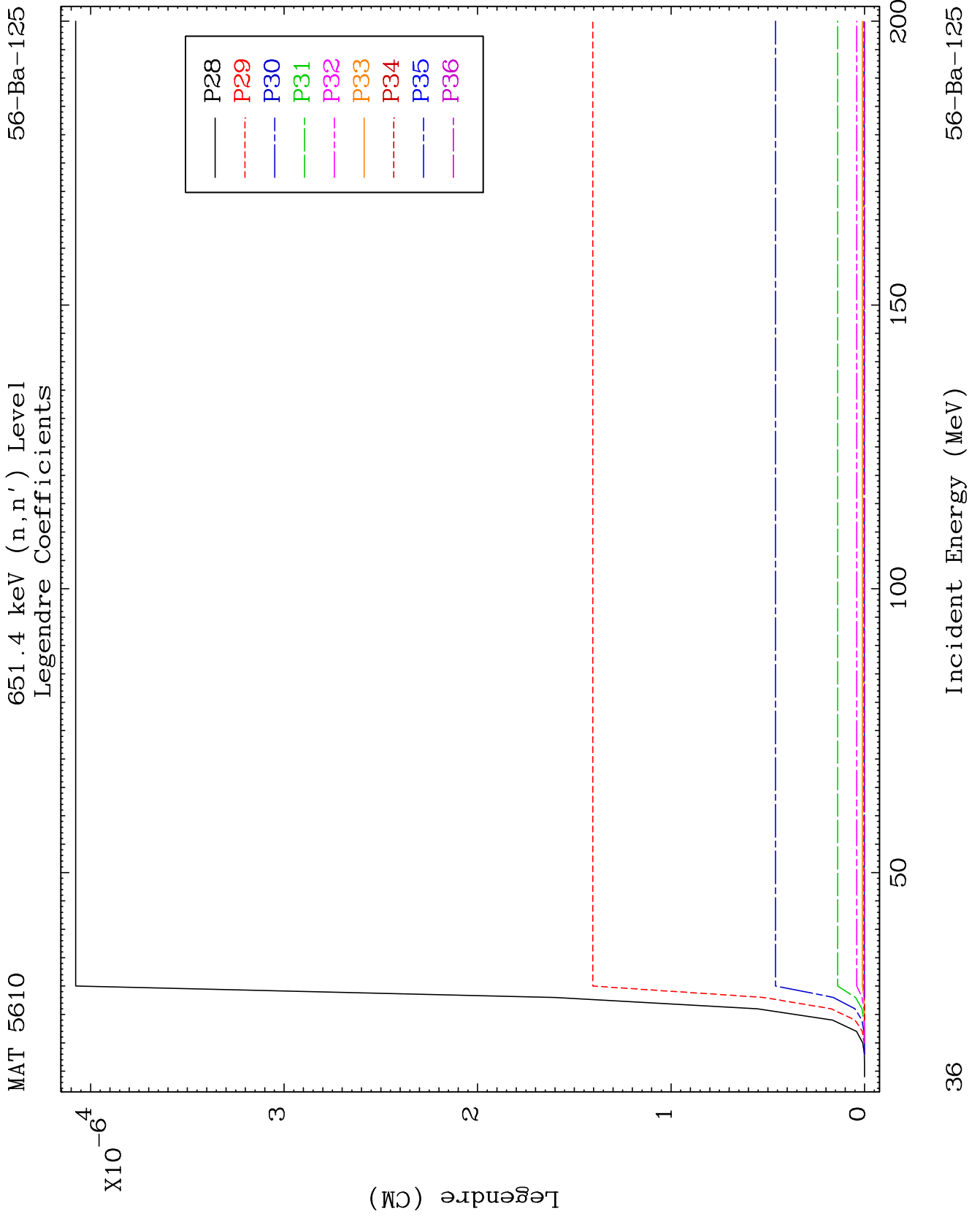


33

Incident Energy (MeV)

56-Ba-125

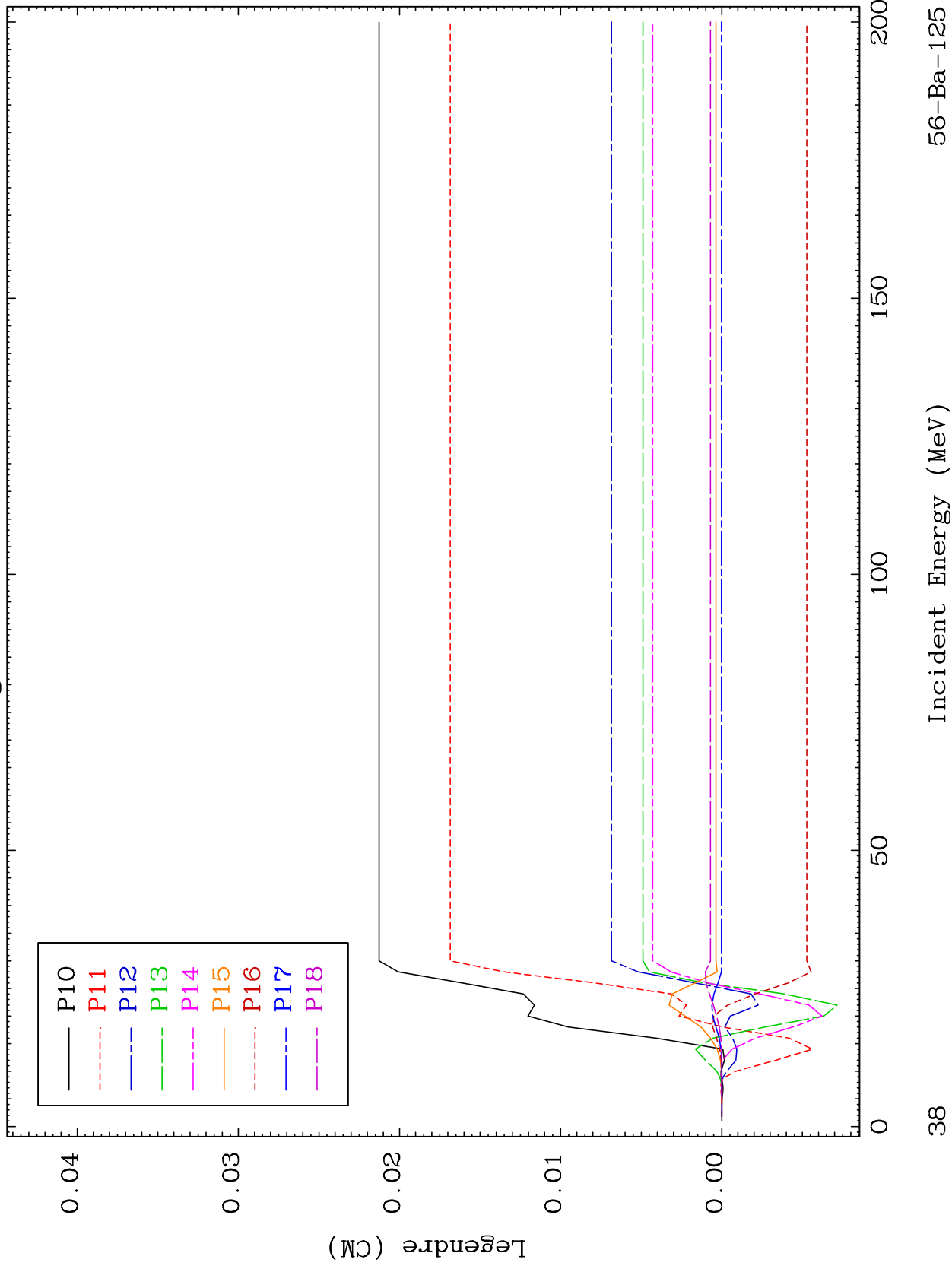




MAT 5610

763.3 keV (n,n') Level
Legendre Coefficients

56-Ba-125



38

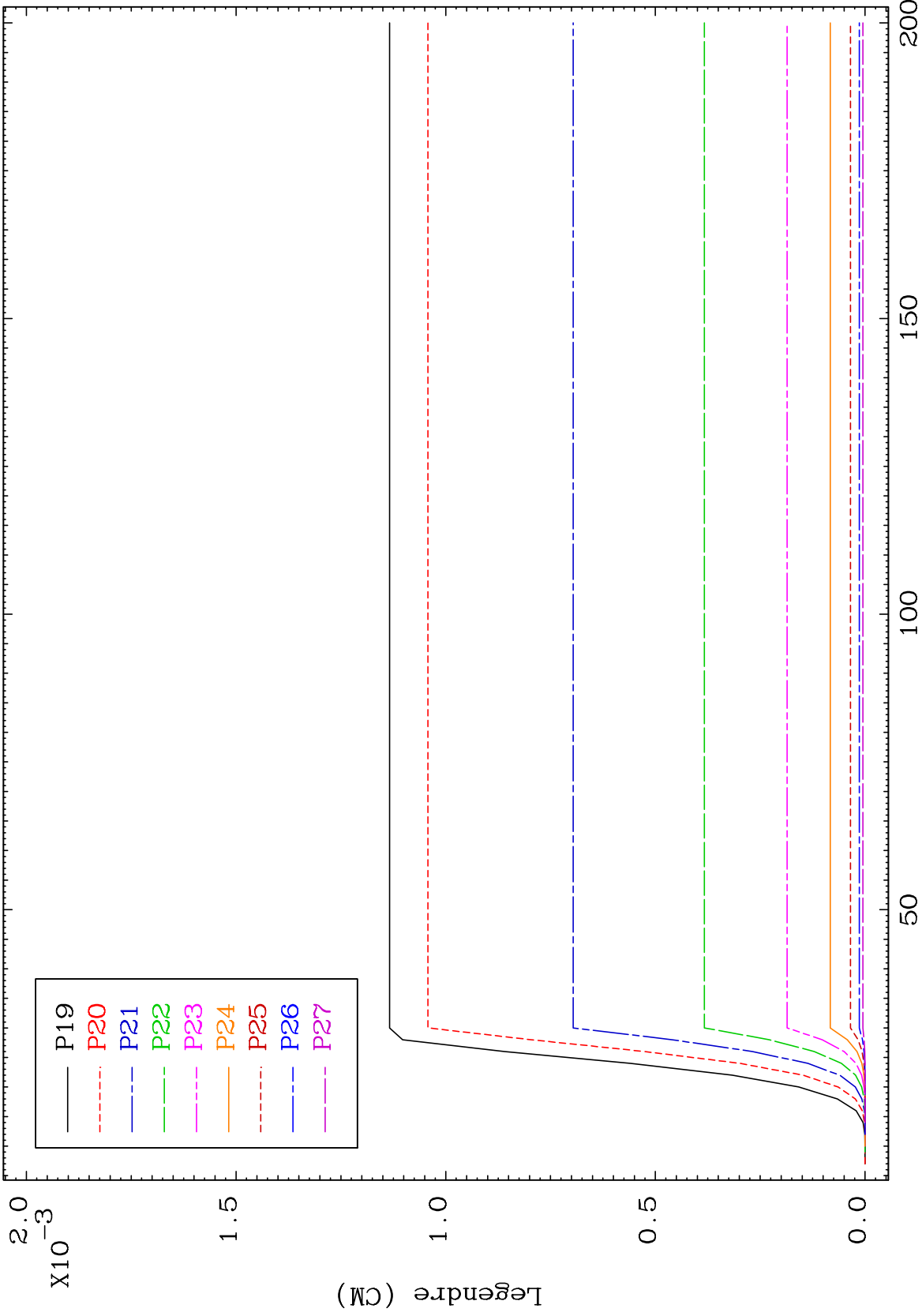
Incident Energy (MeV)

56-Ba-125

MAT 5610

763.3 keV (n,n') Level
Legendre Coefficients

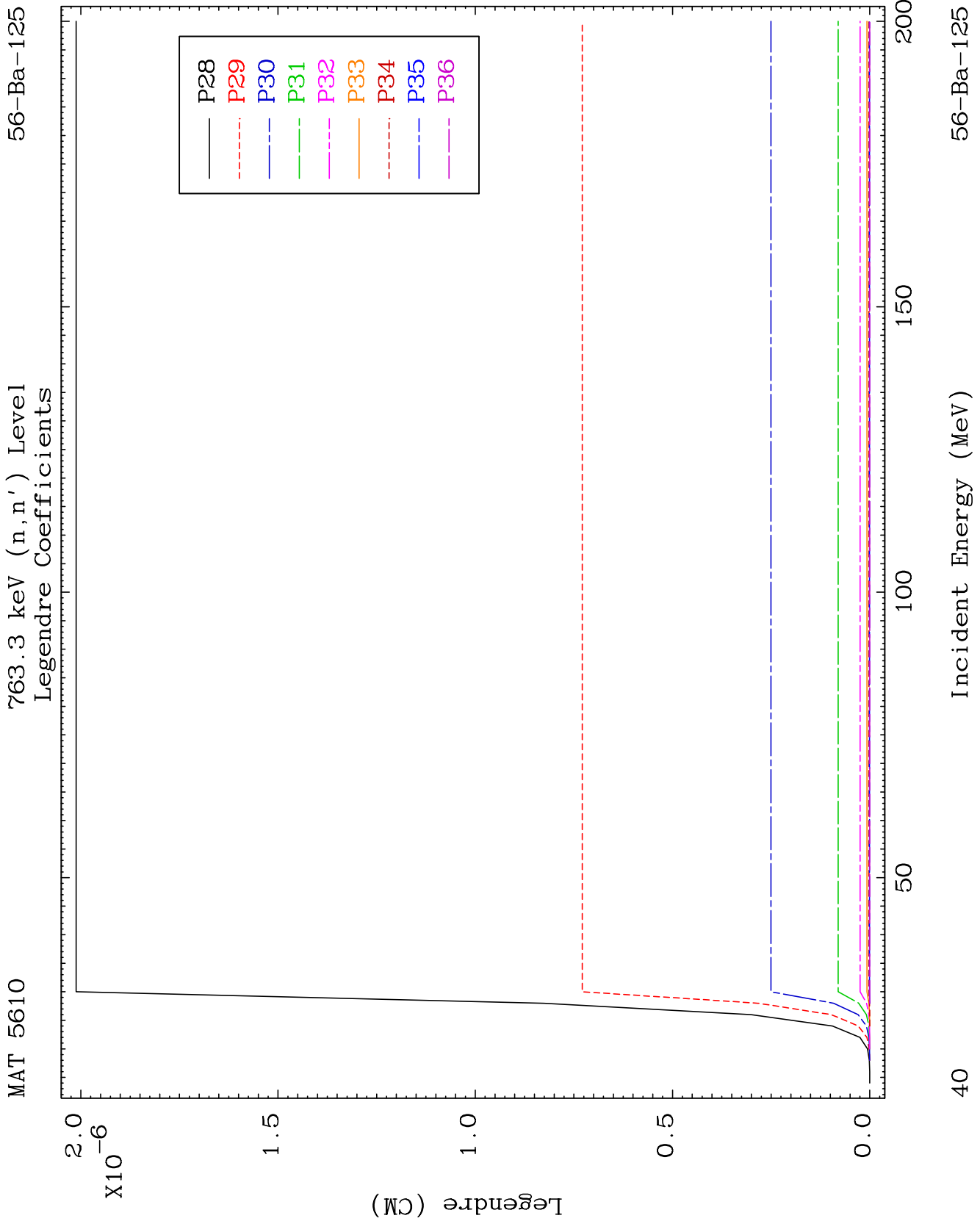
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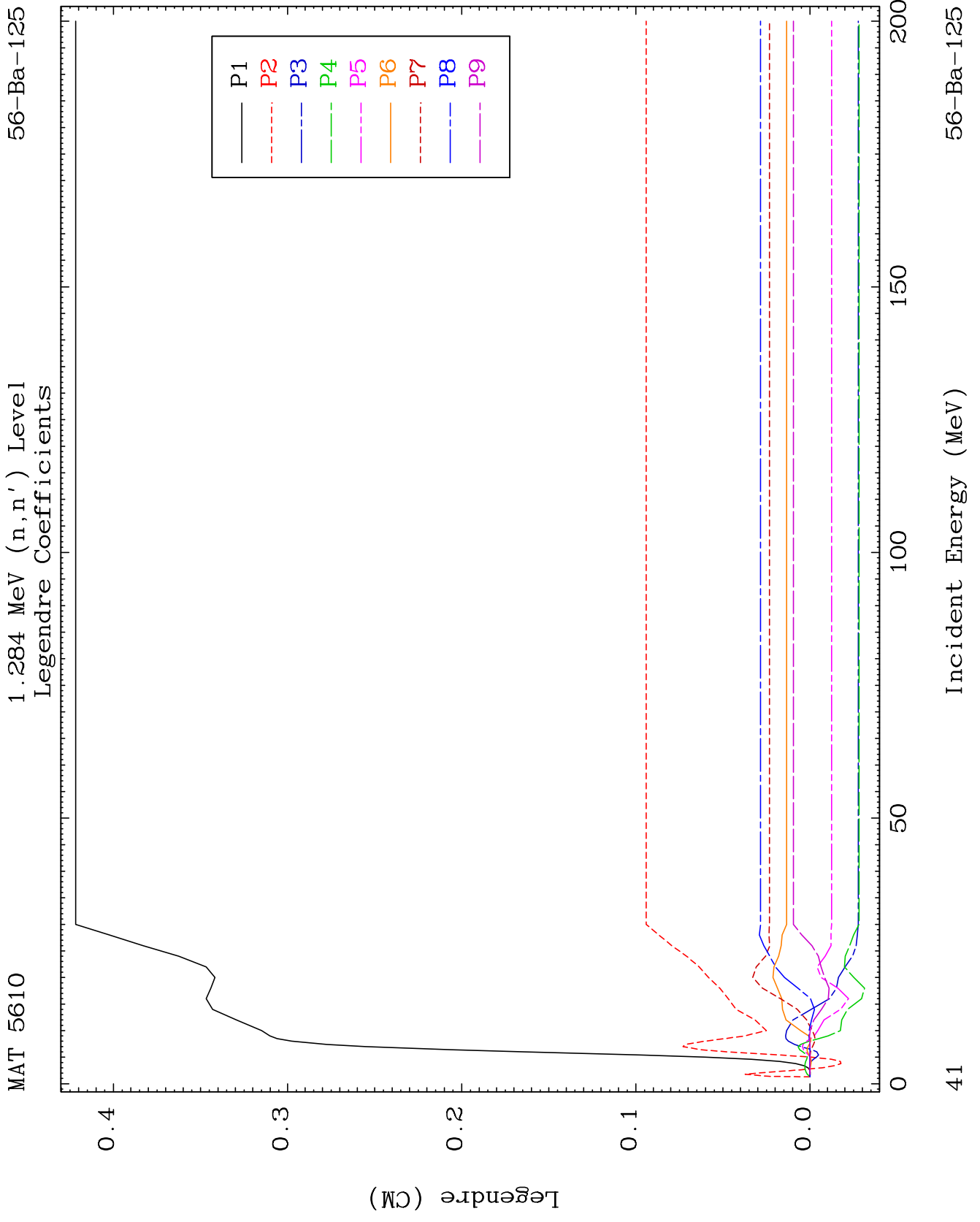


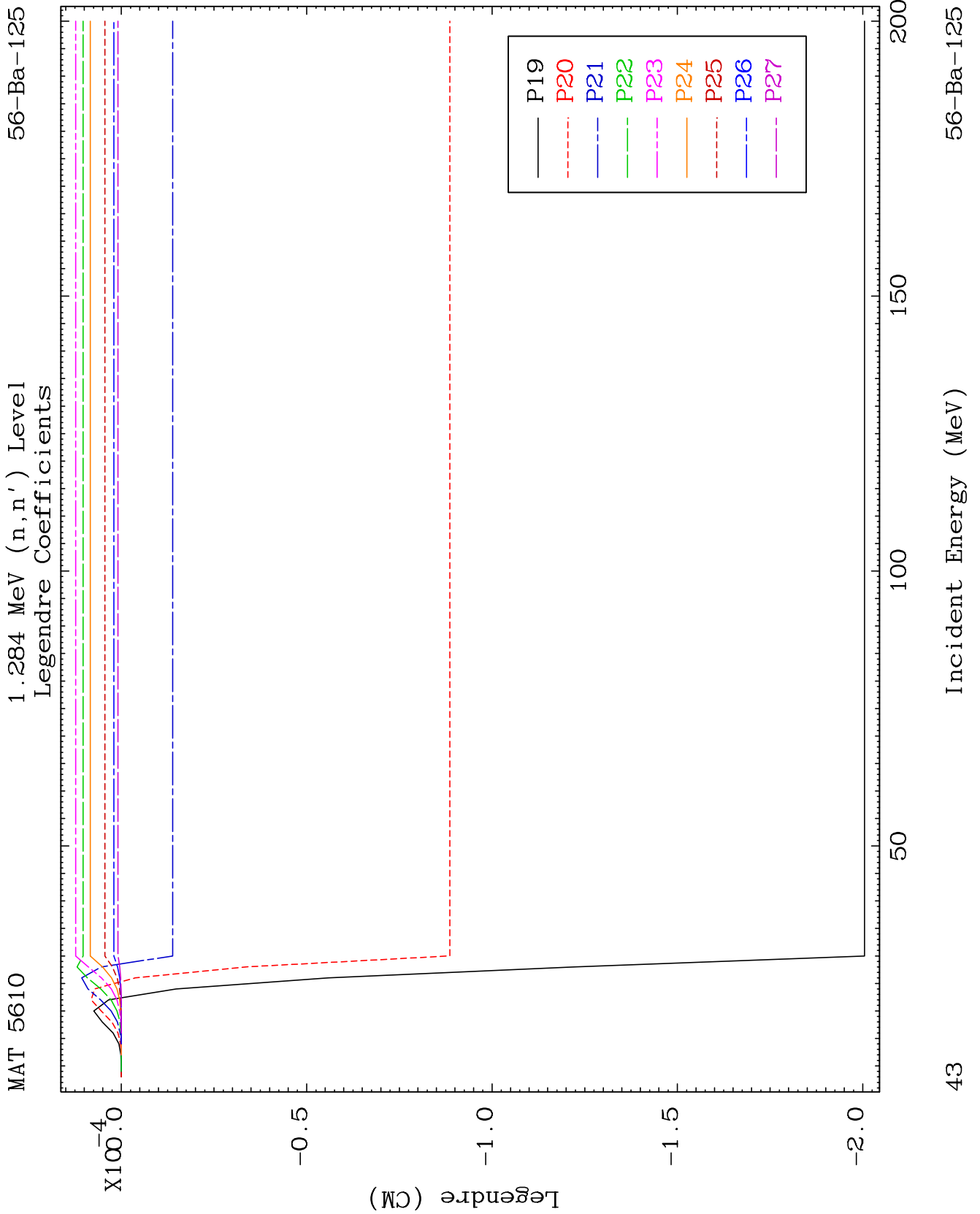
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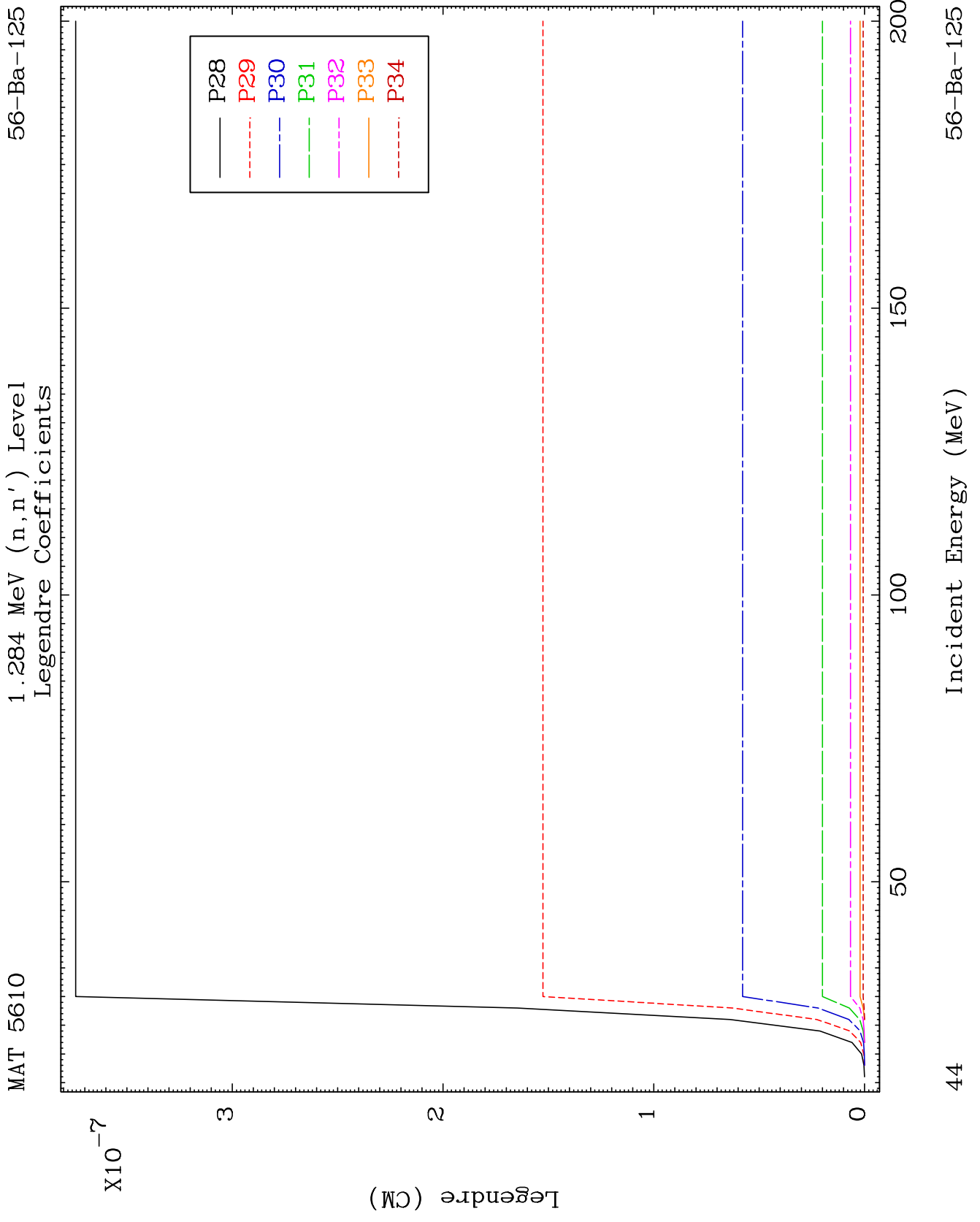
Incident Energy (MeV)

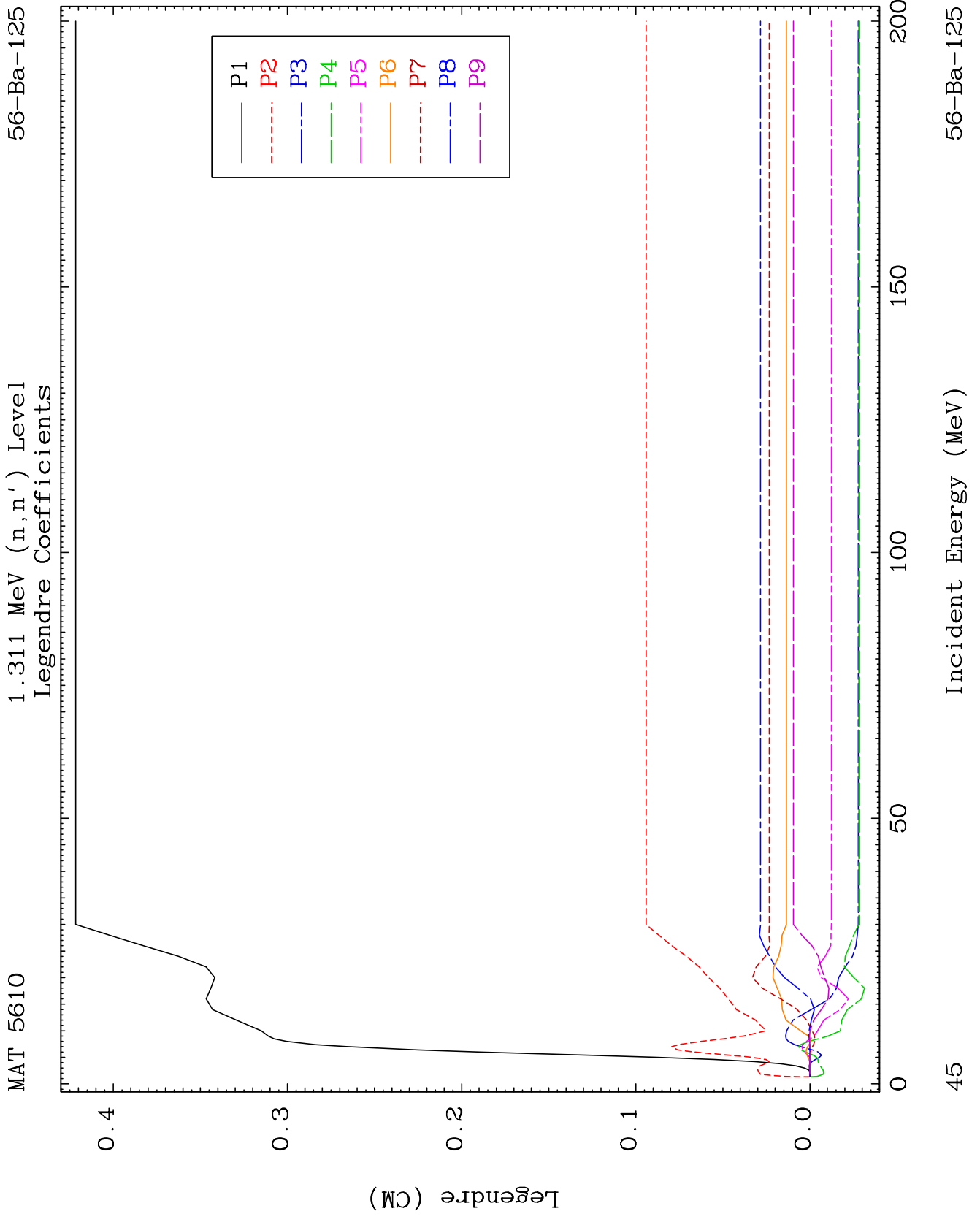
56-Ba-125

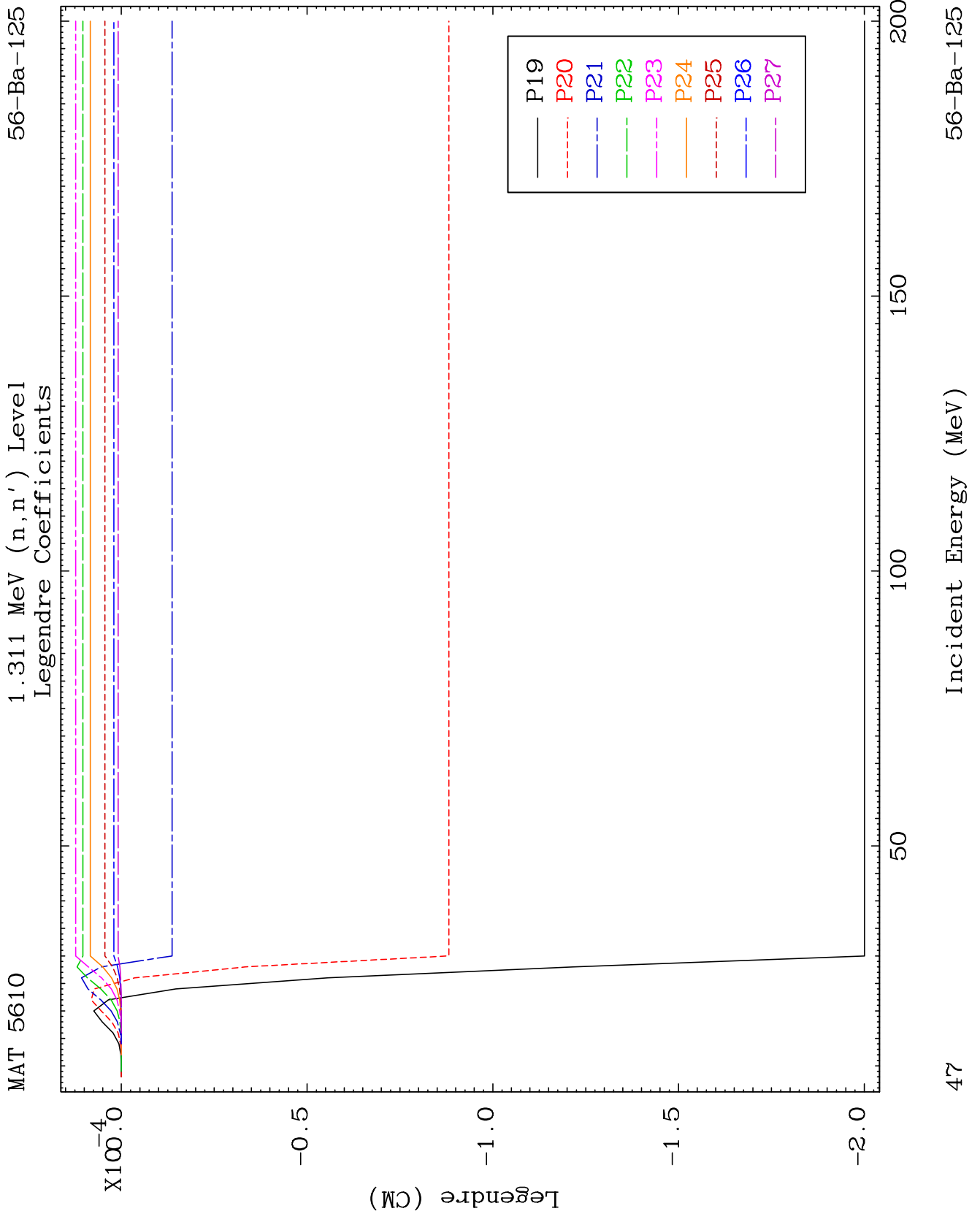


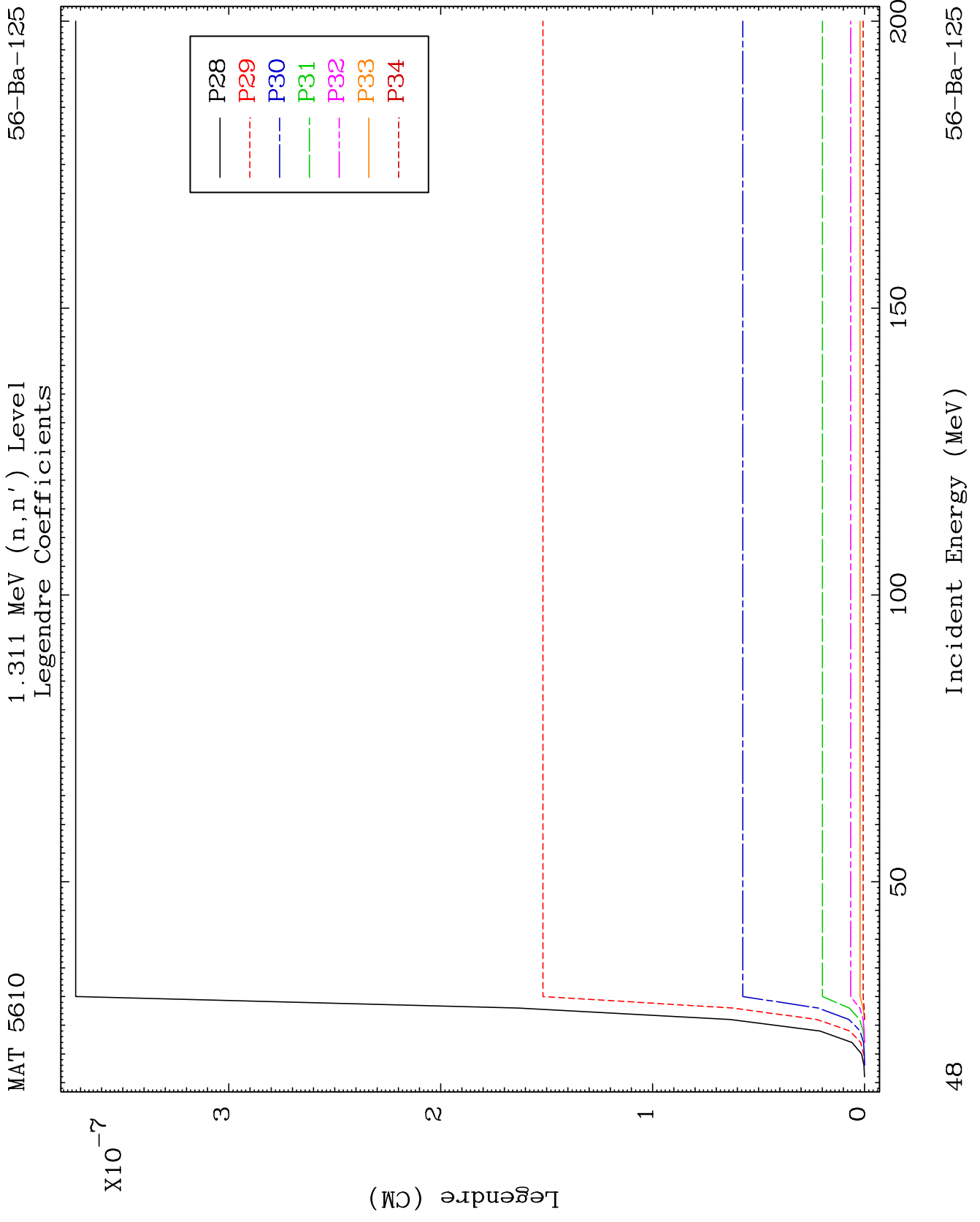


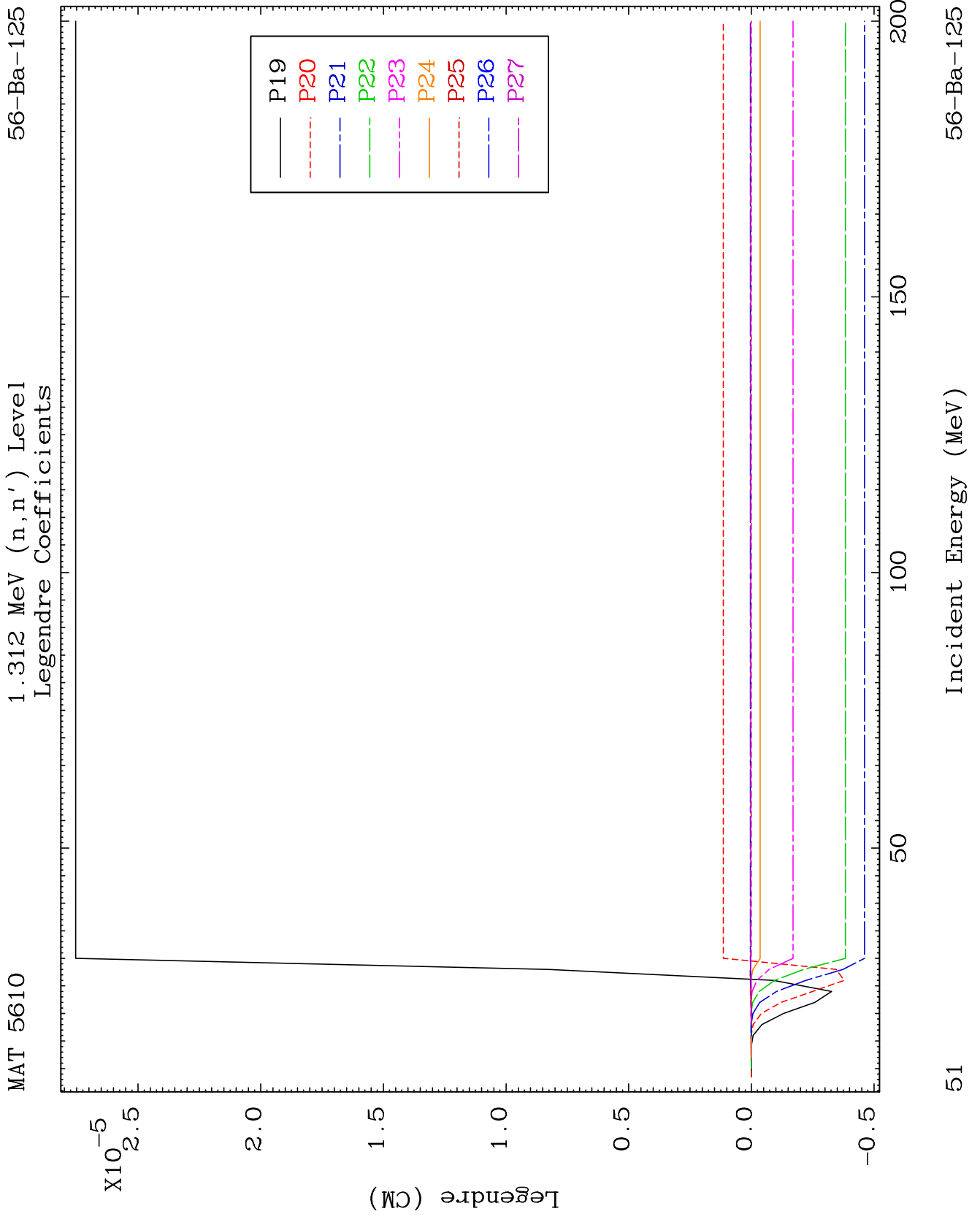


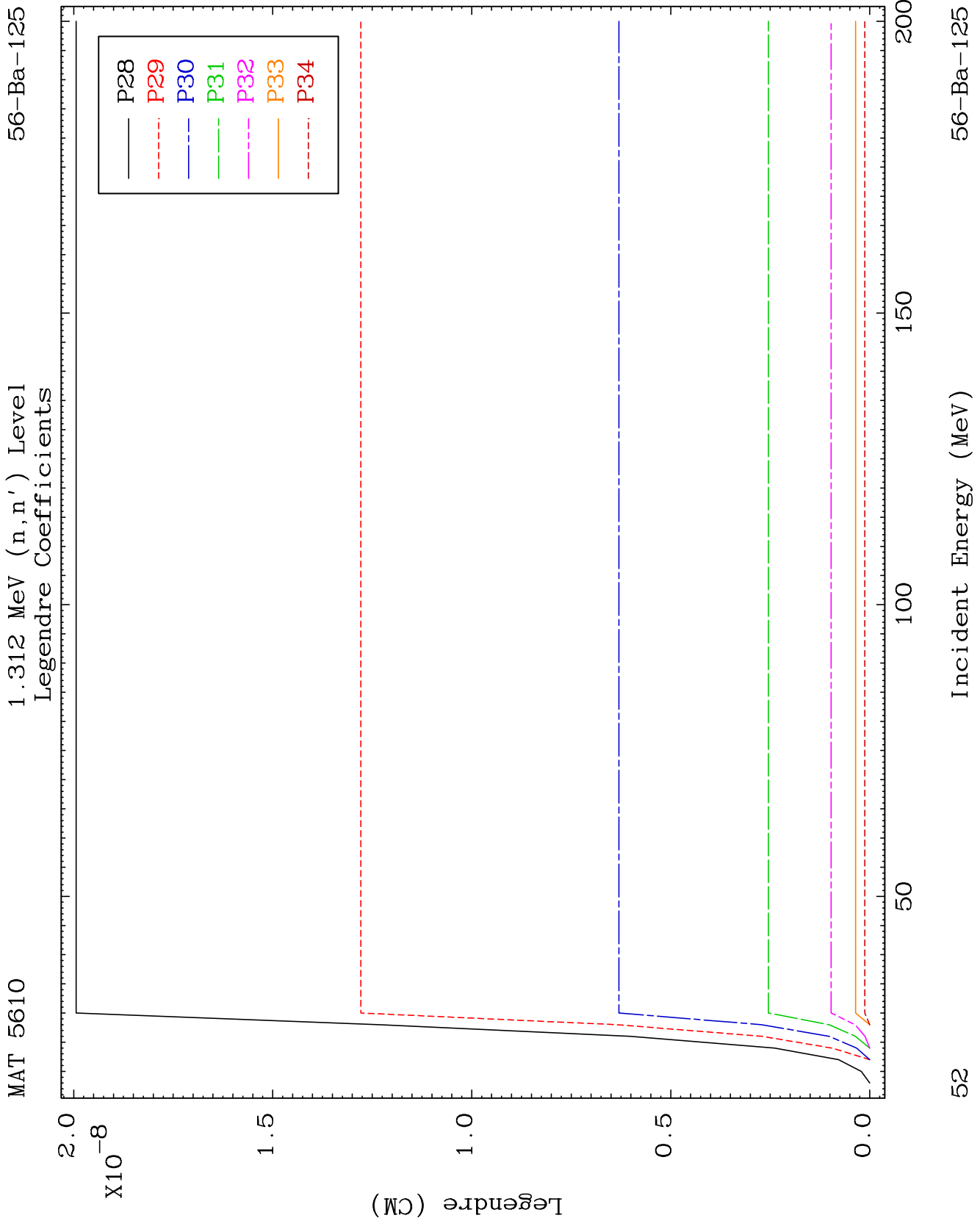


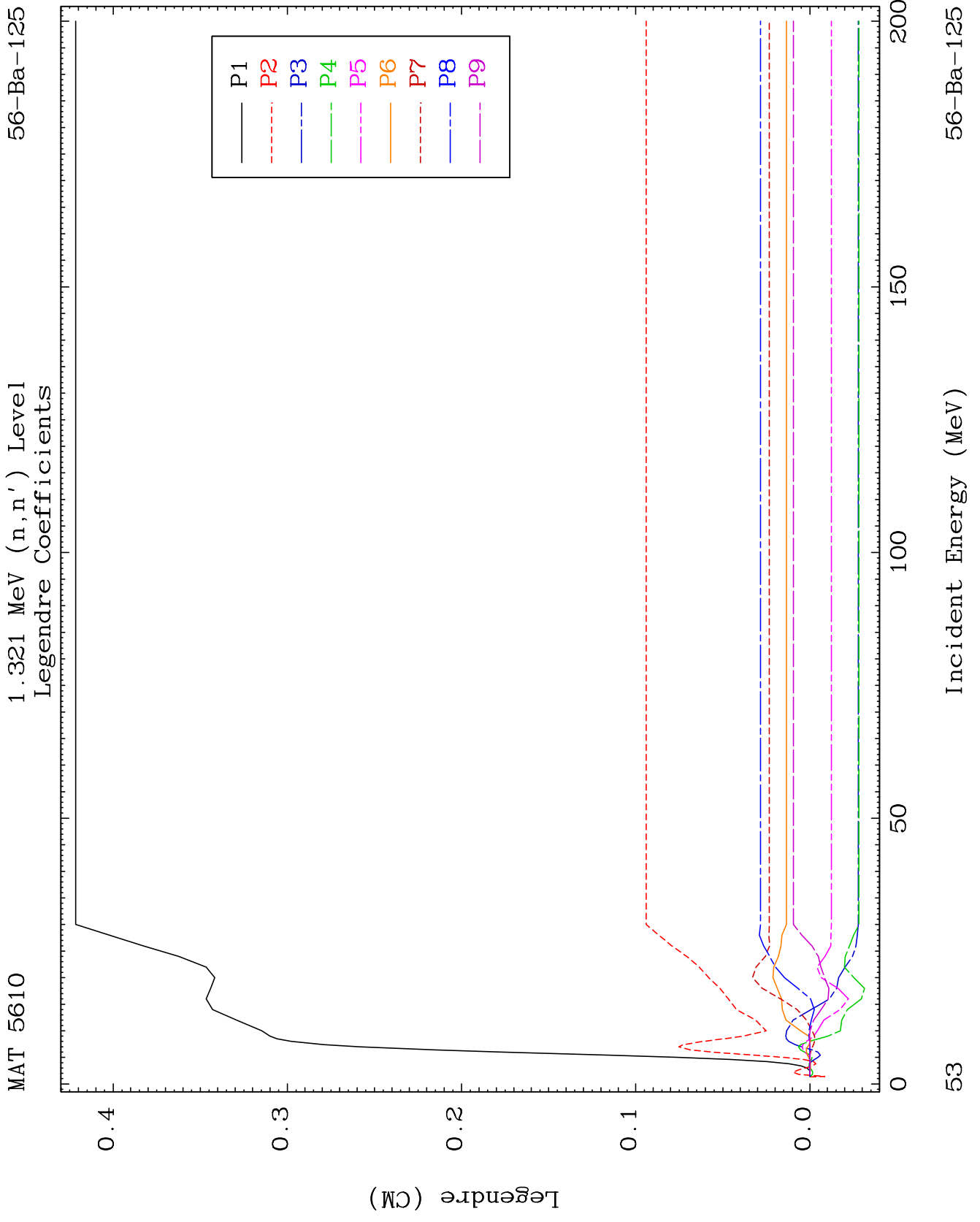


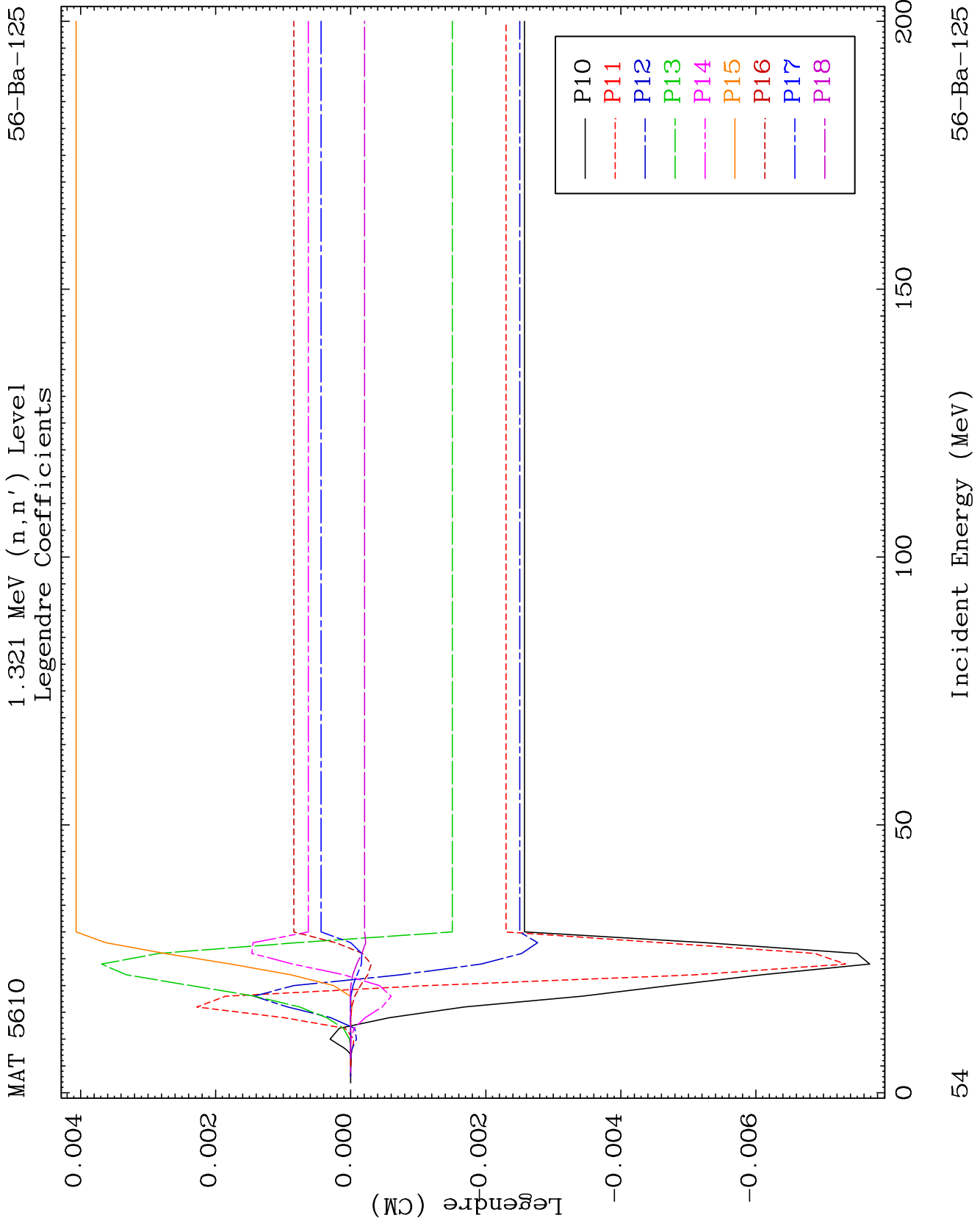


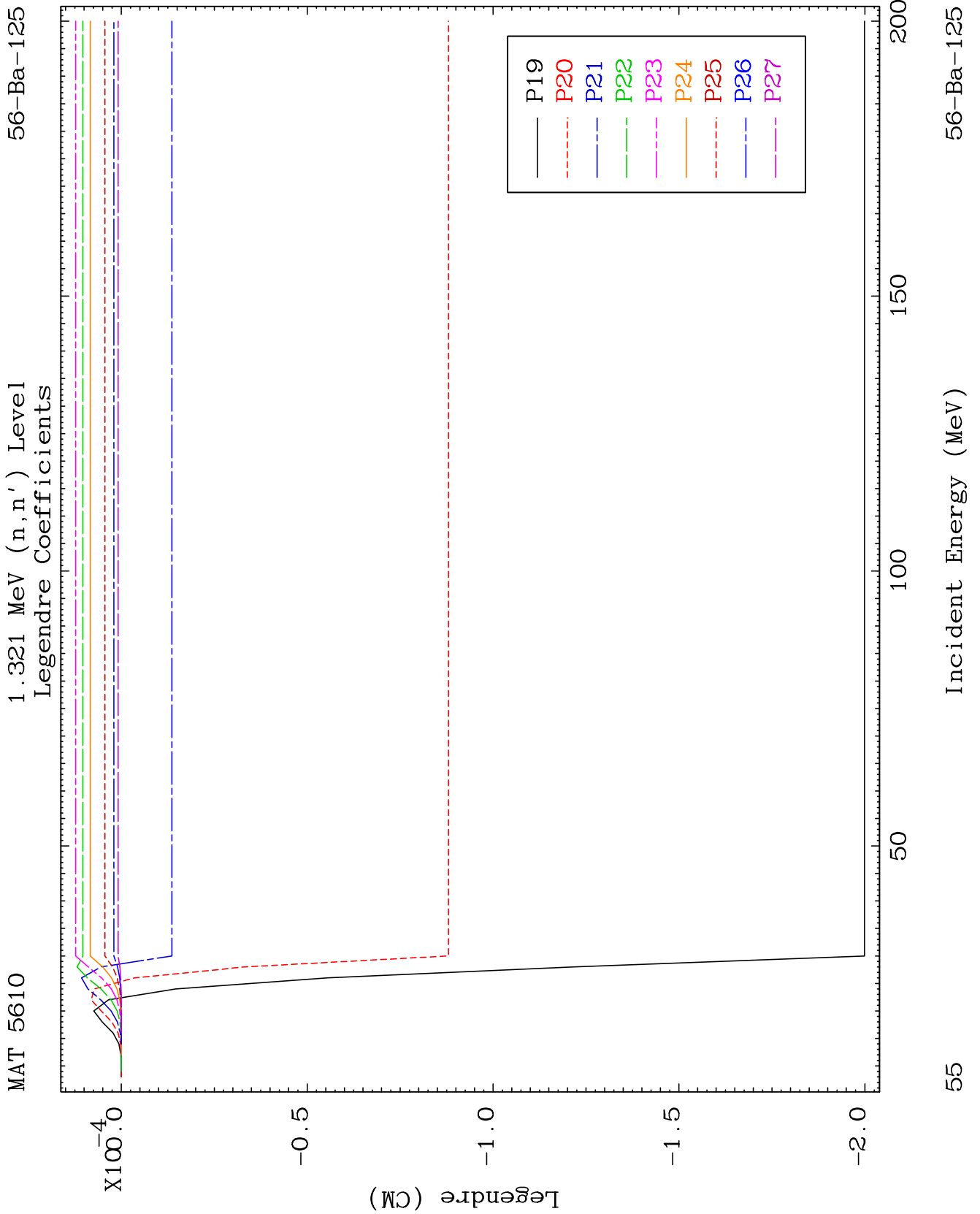


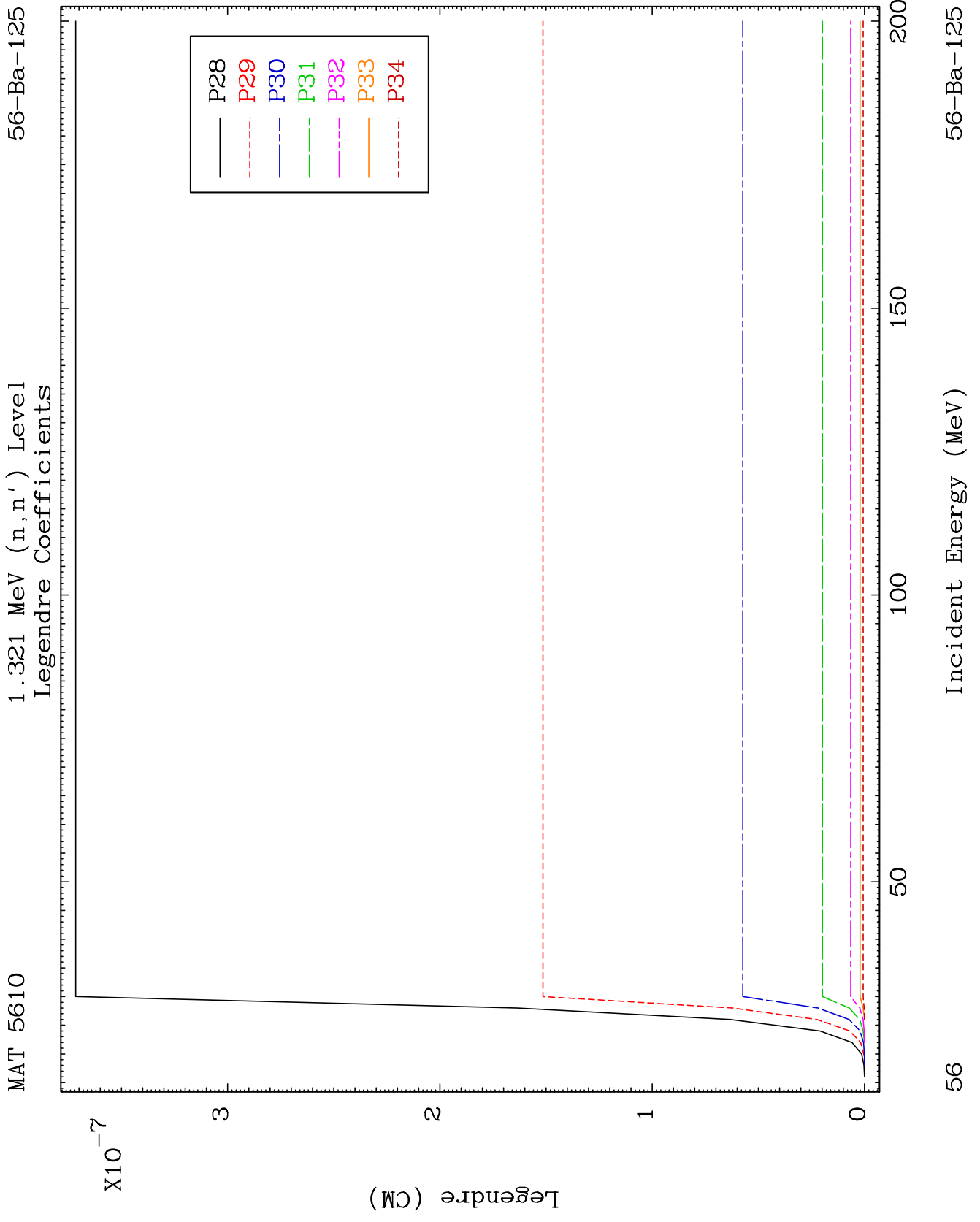


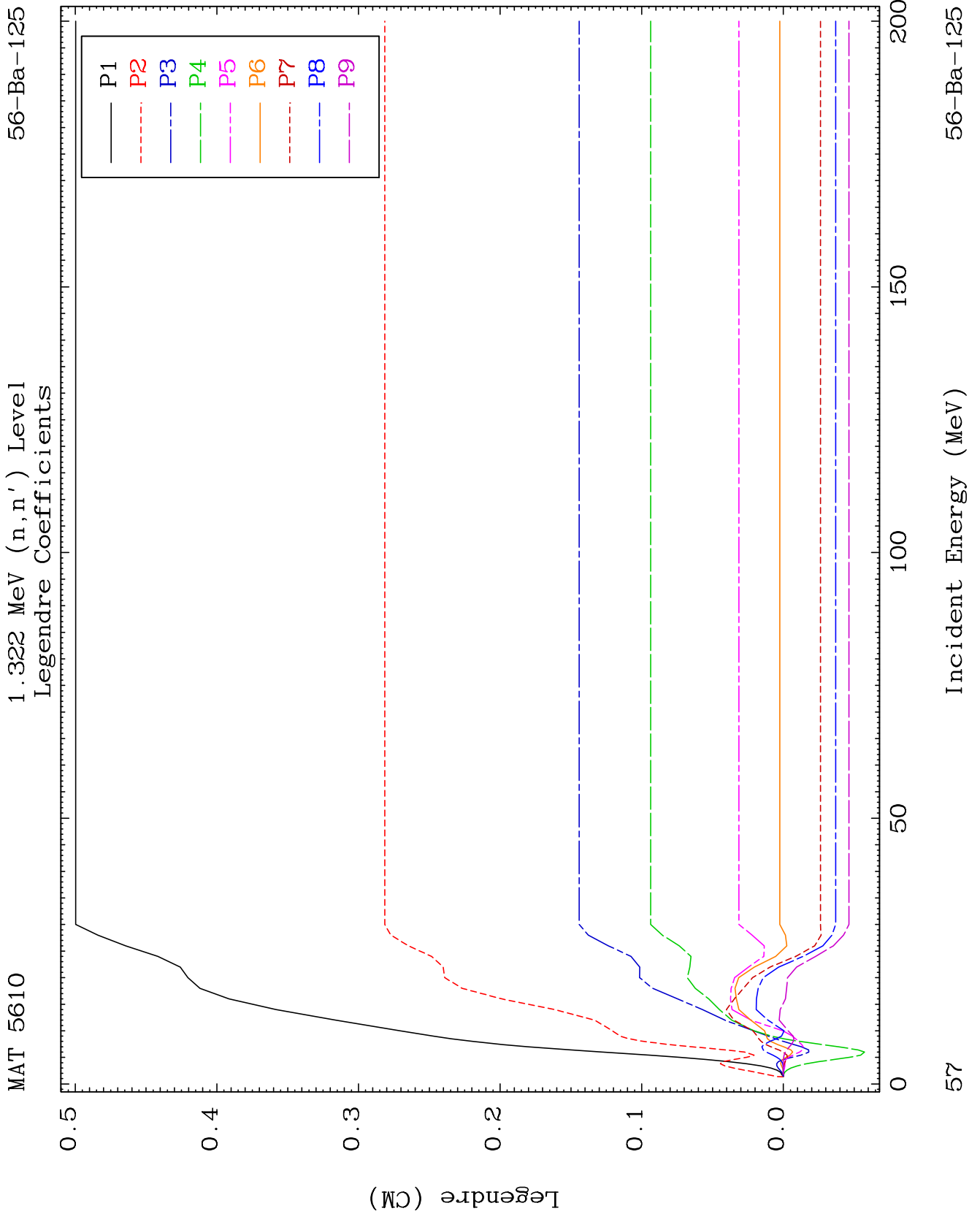


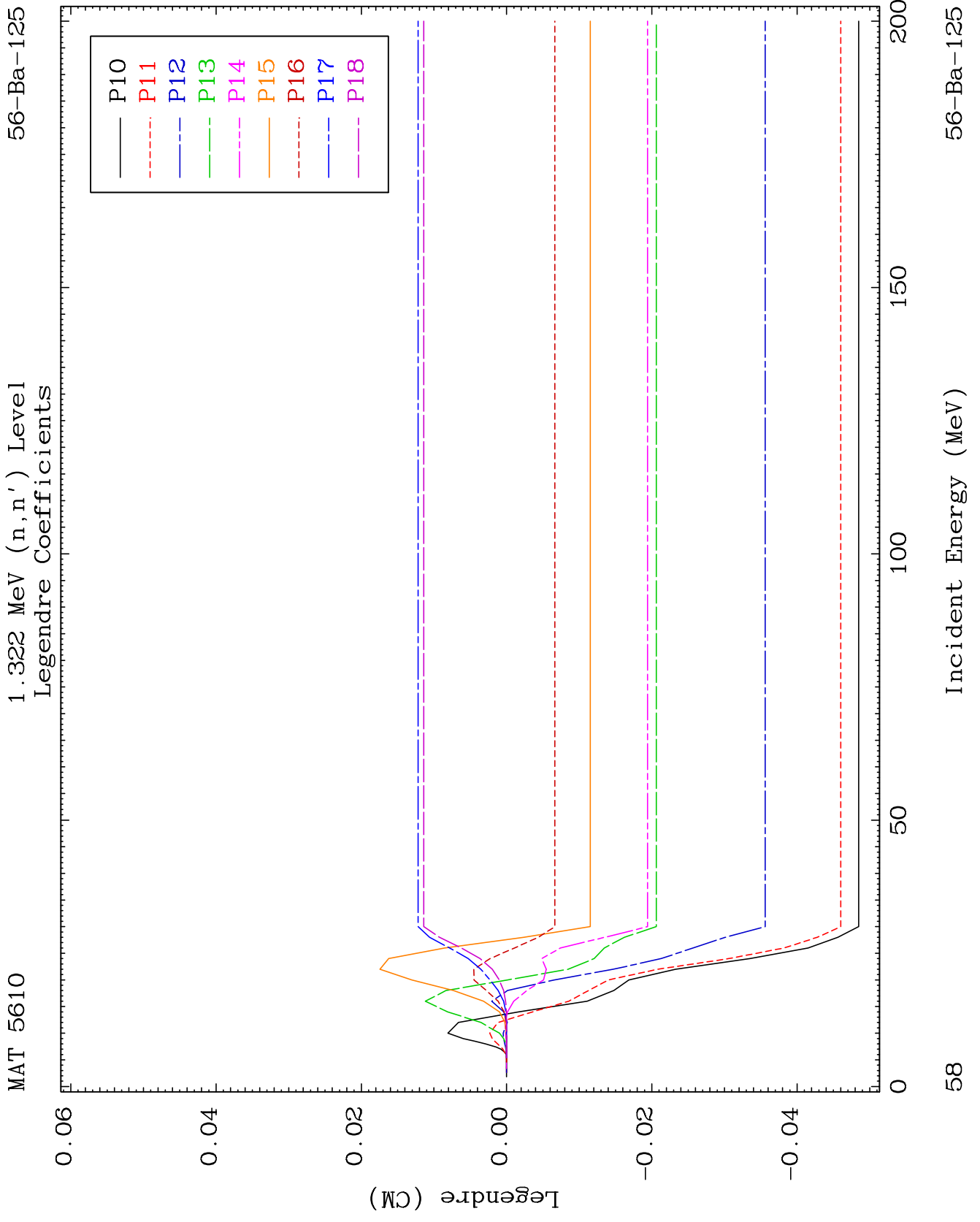


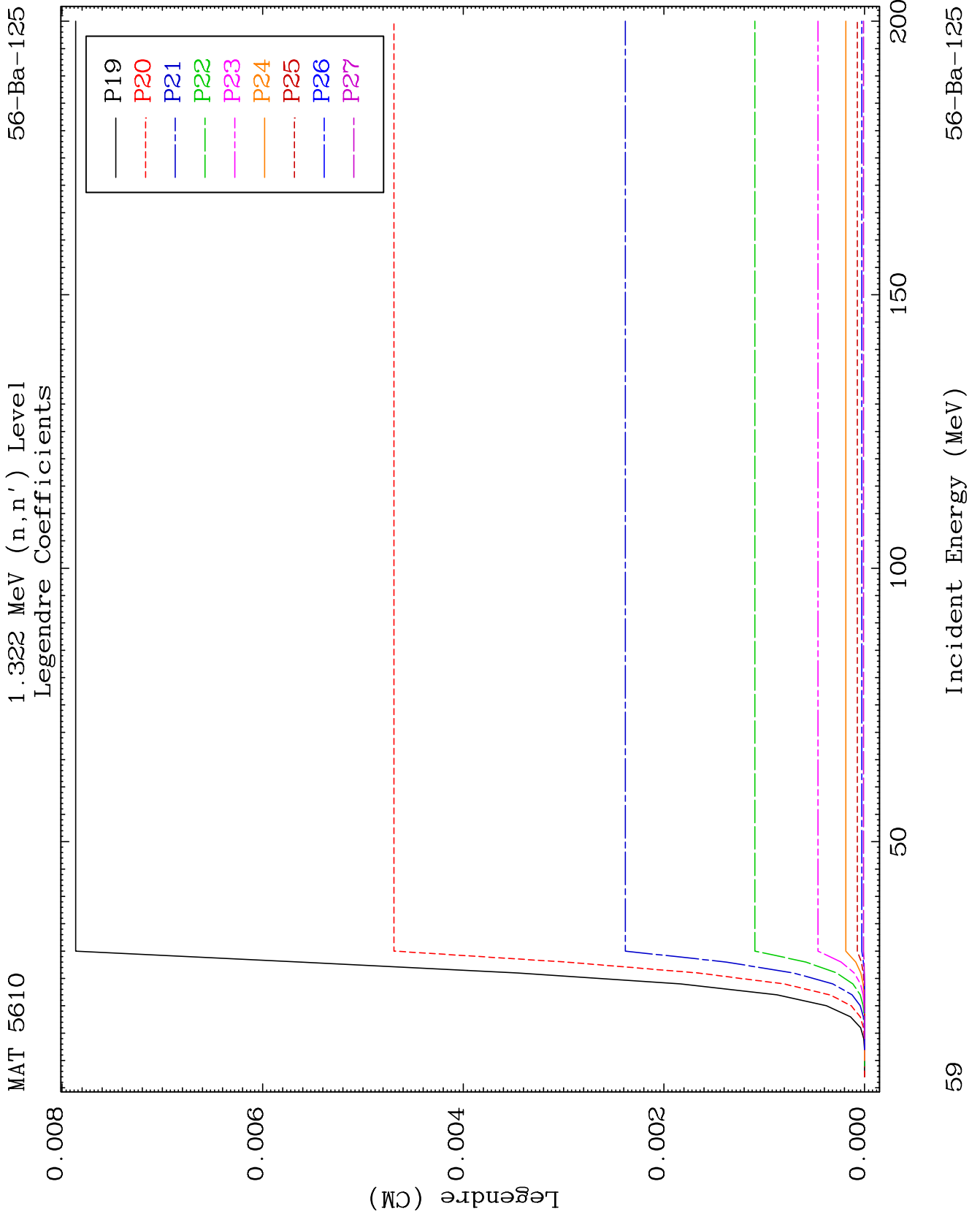


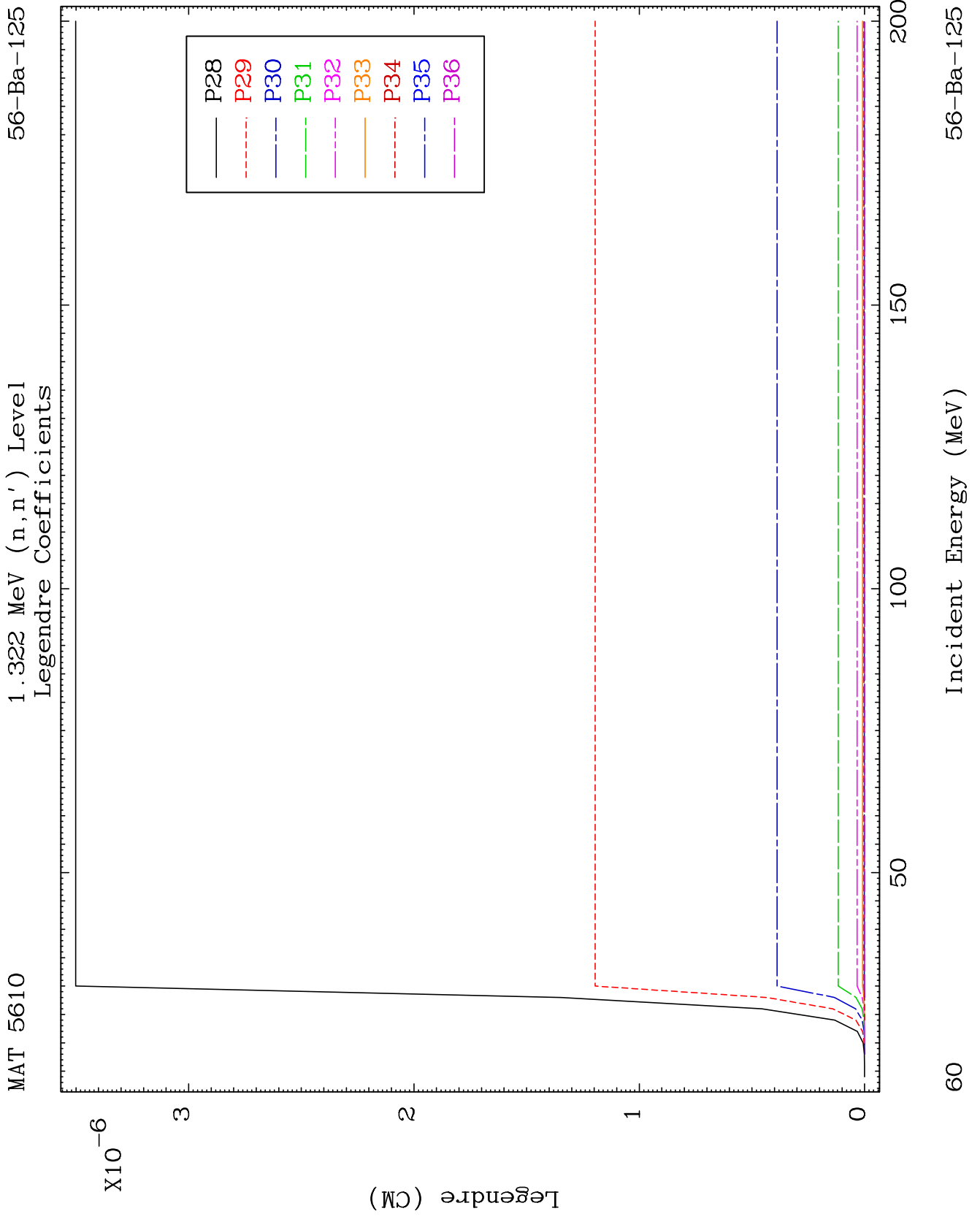


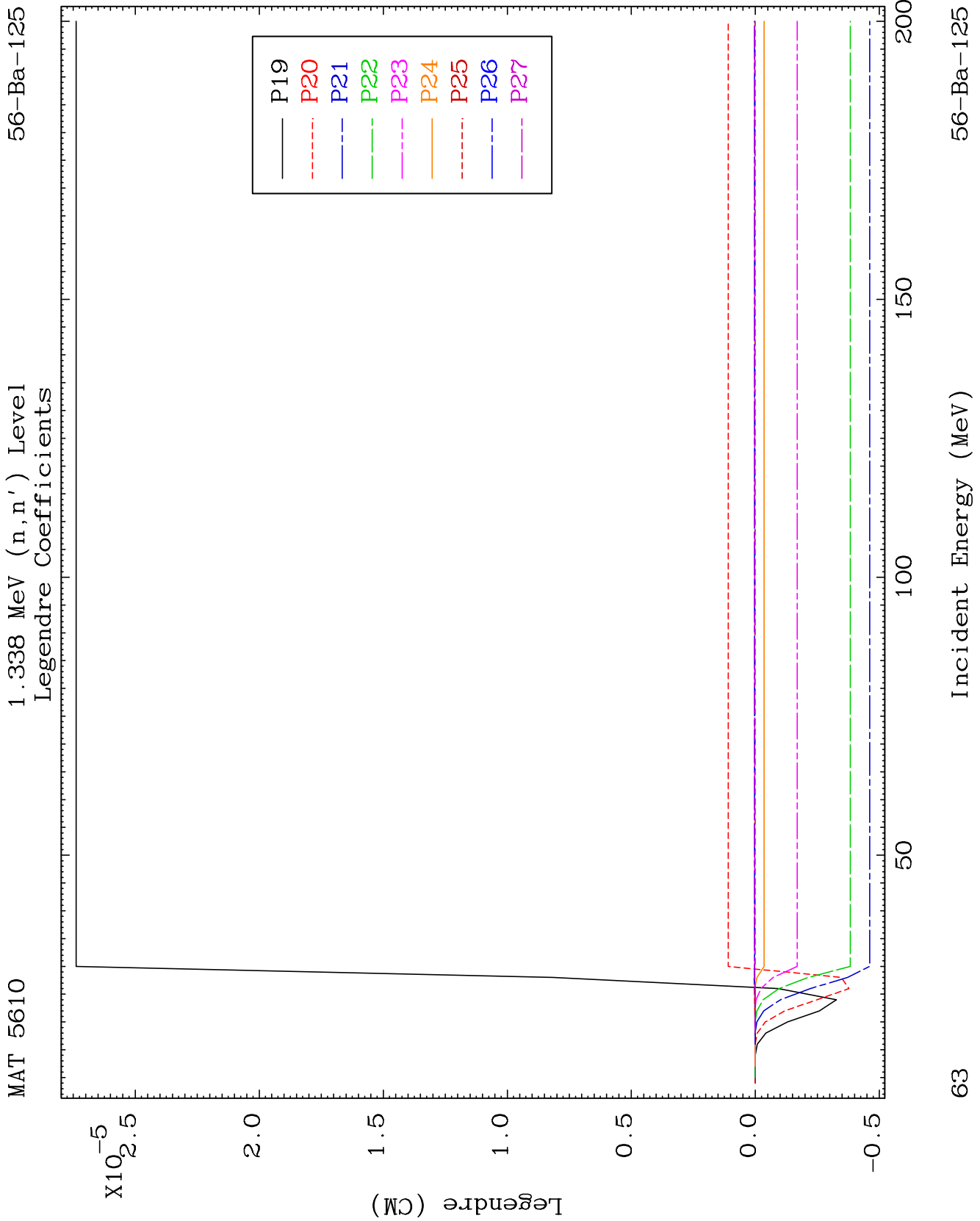


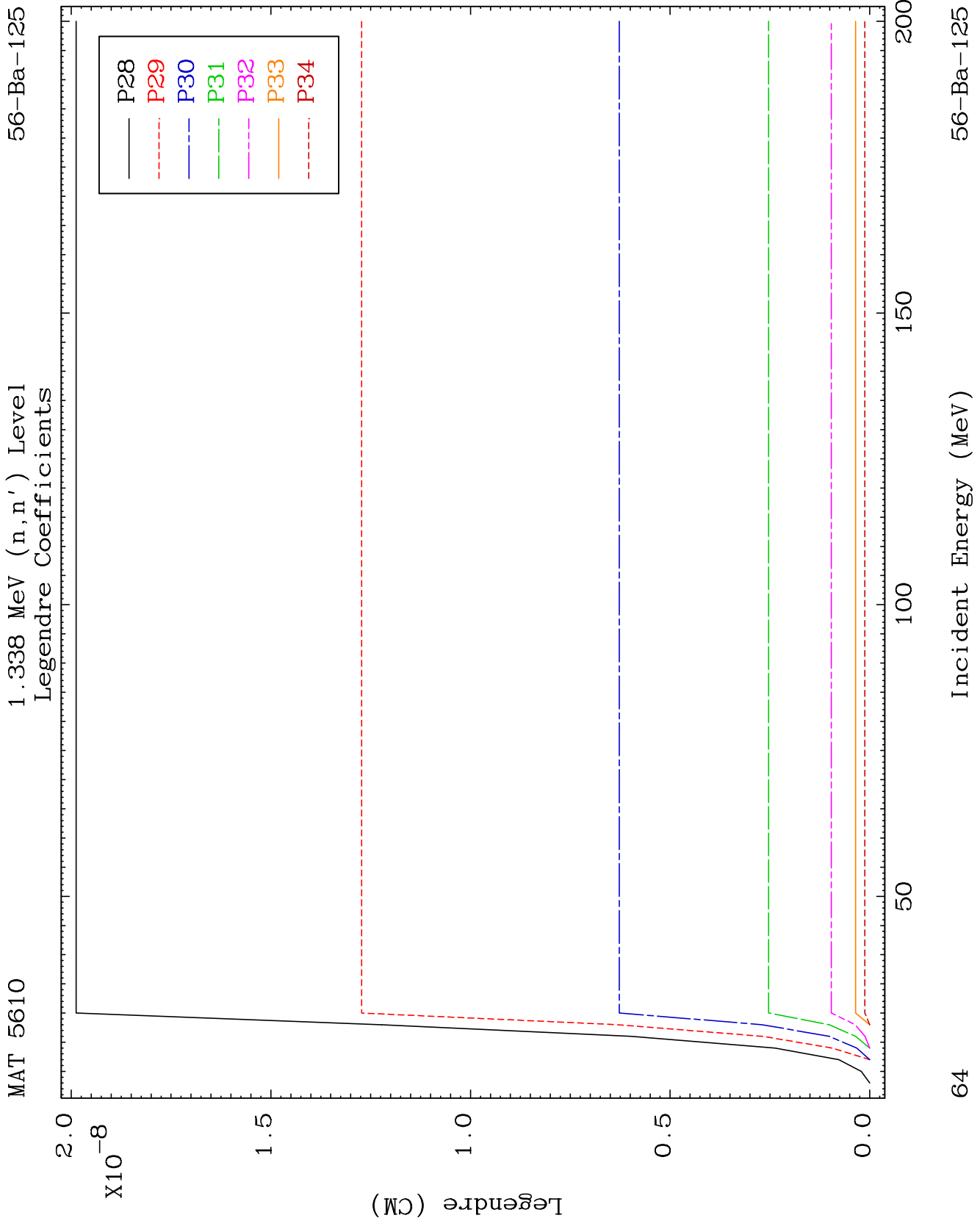








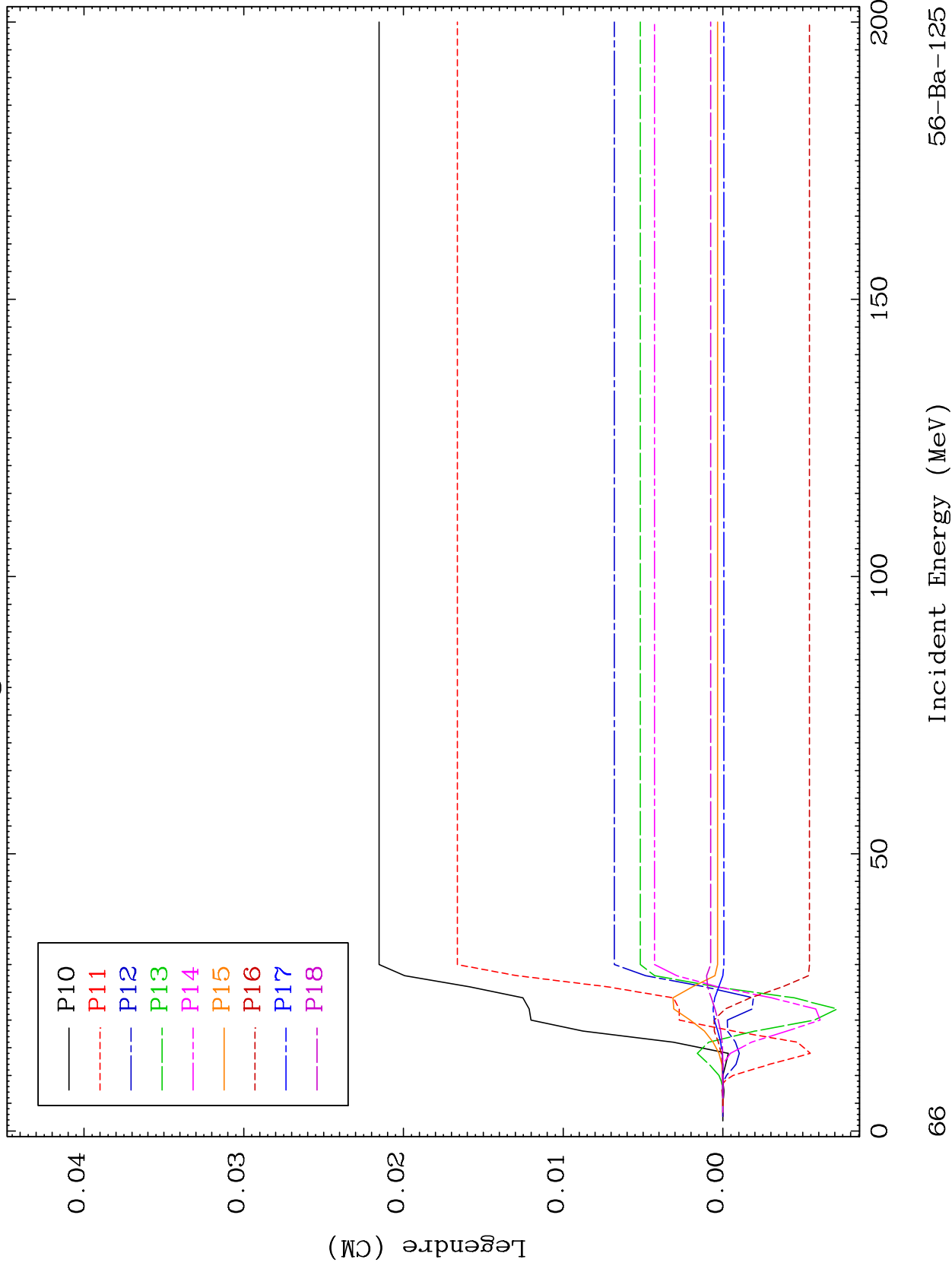




MAT 5610

1.349 MeV (n,n') Level
Legendre Coefficients

56-Ba-125



56-Ba-125

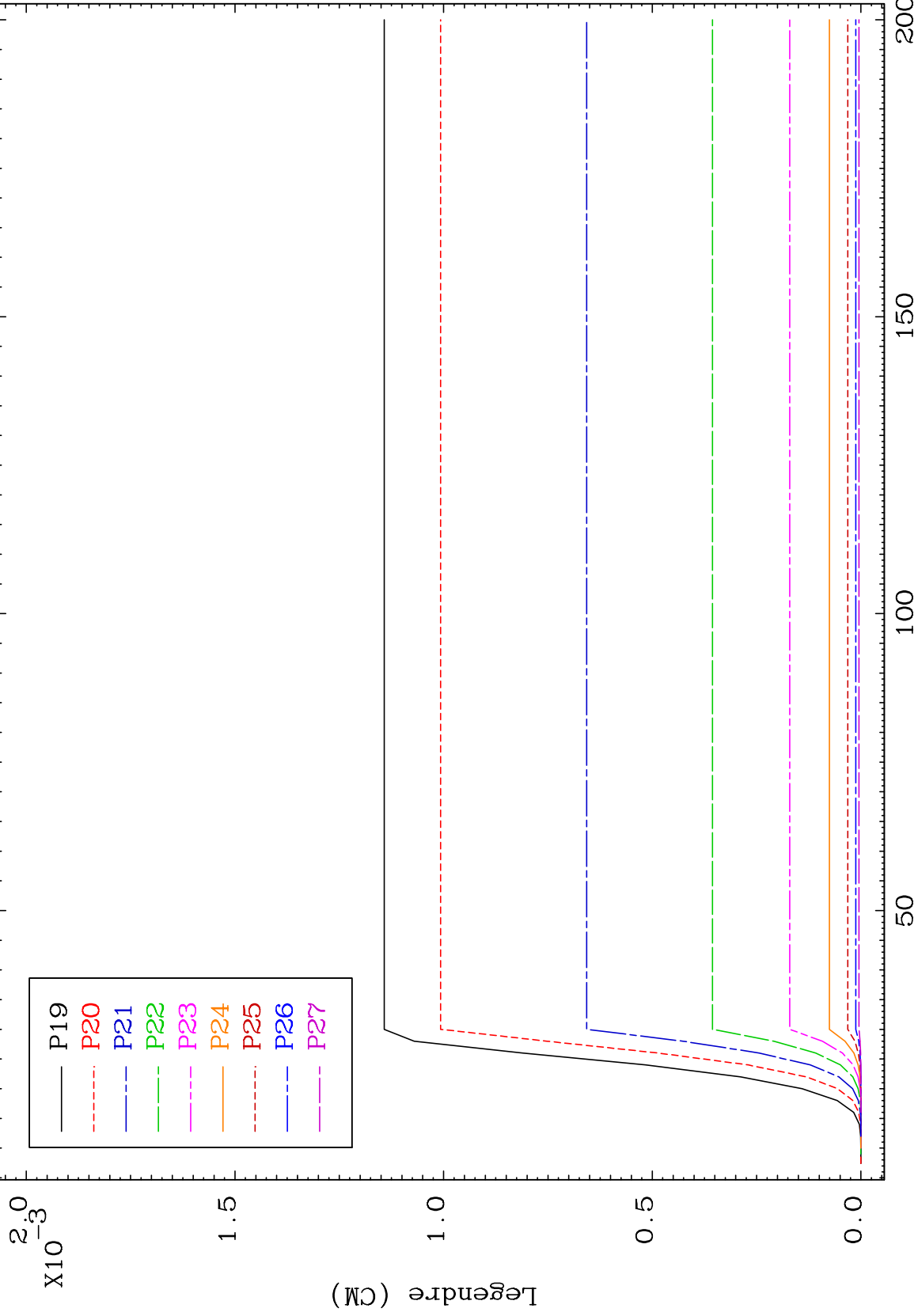
Incident Energy (MeV)

66

MAT 5610

1.349 MeV (n,n') Level
Legendre Coefficients

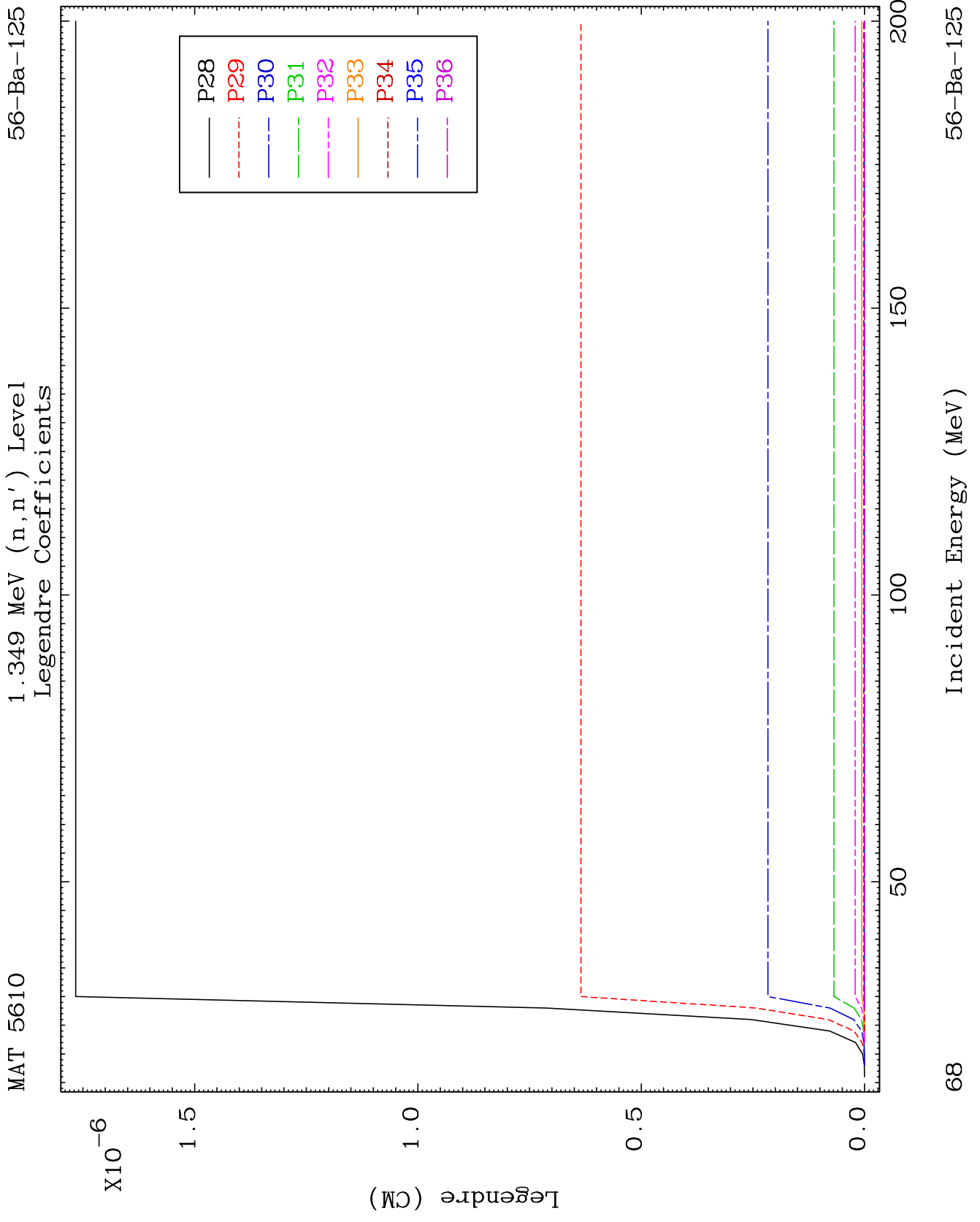
56-Ba-125

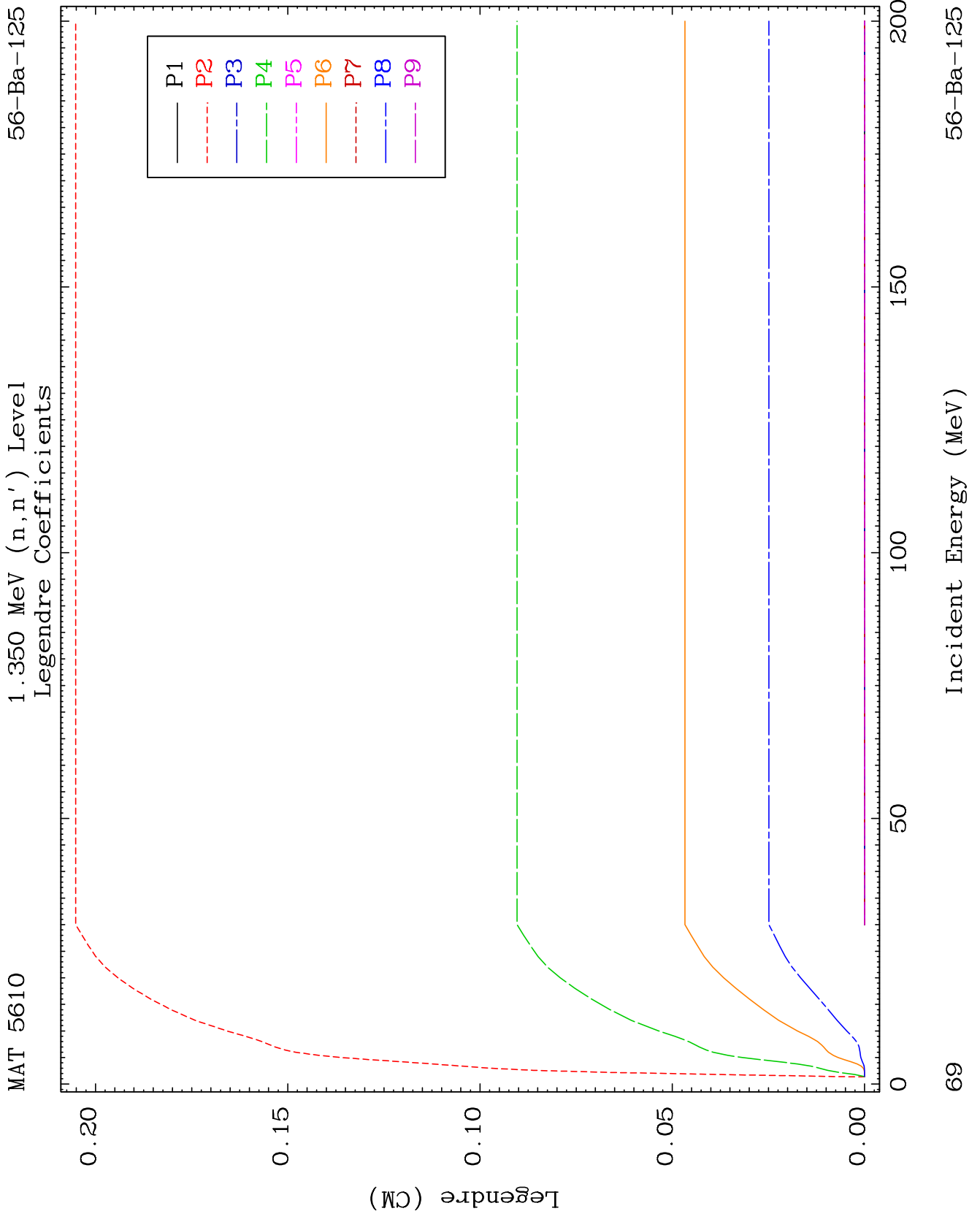


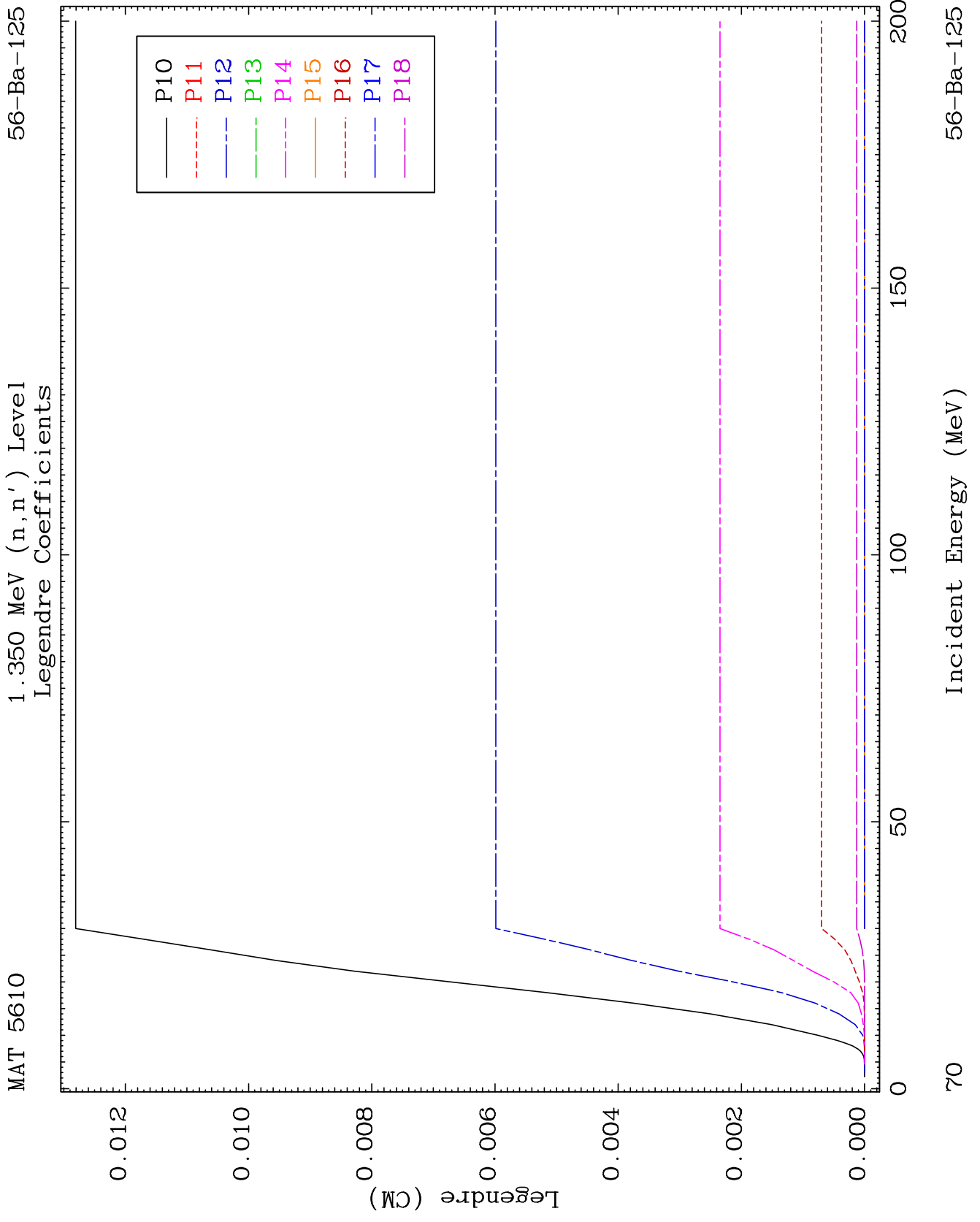
67

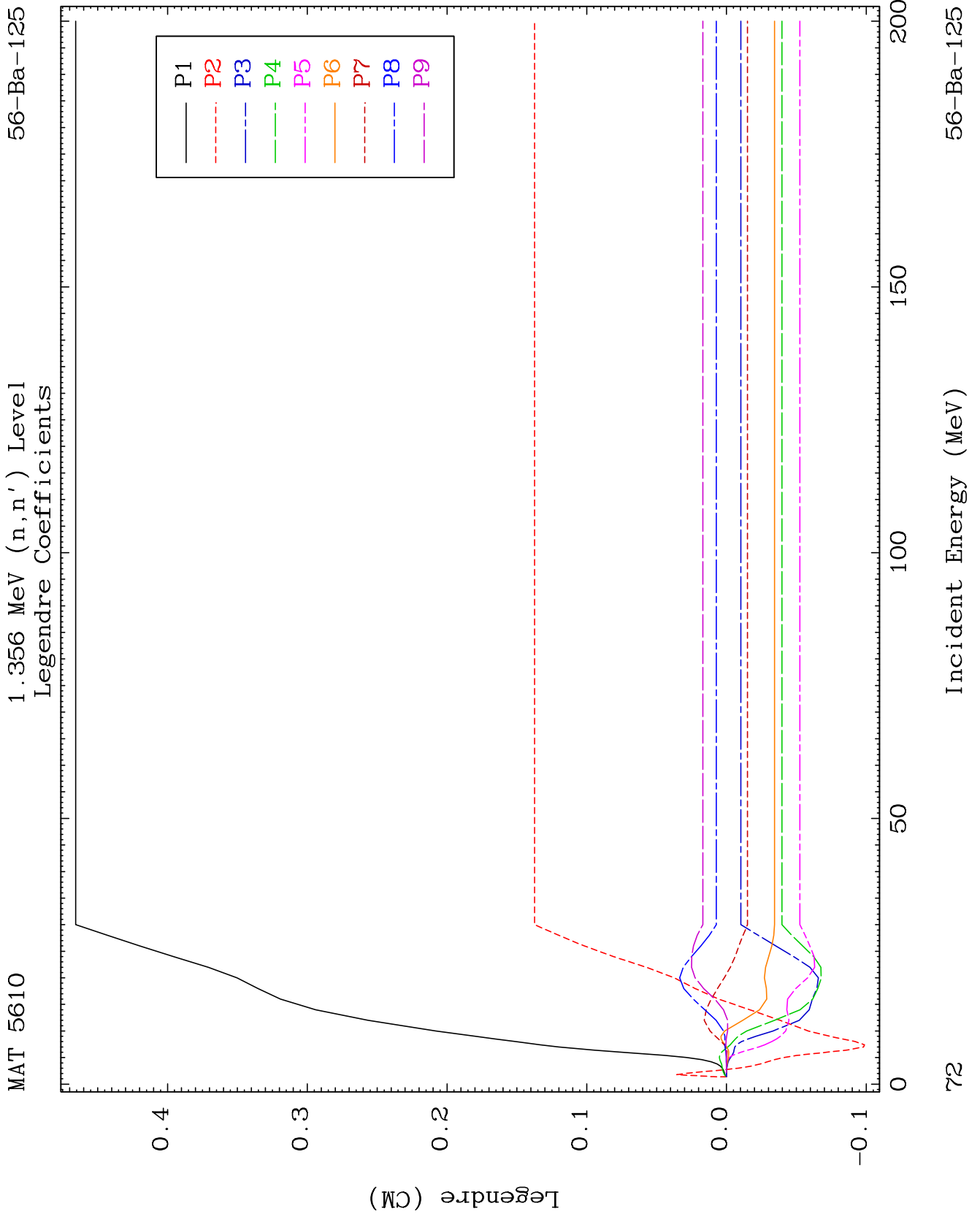
Incident Energy (MeV)

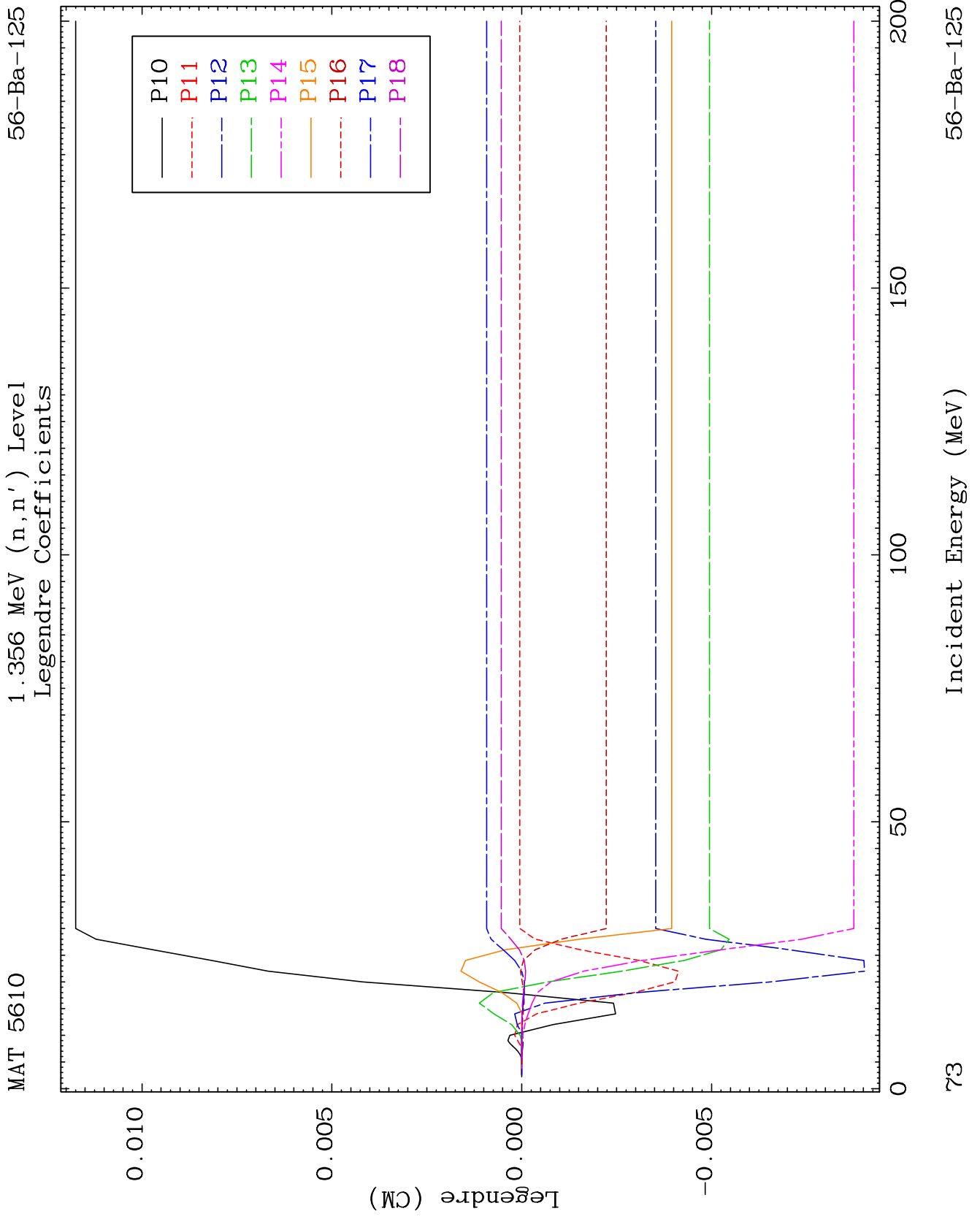
56-Ba-125

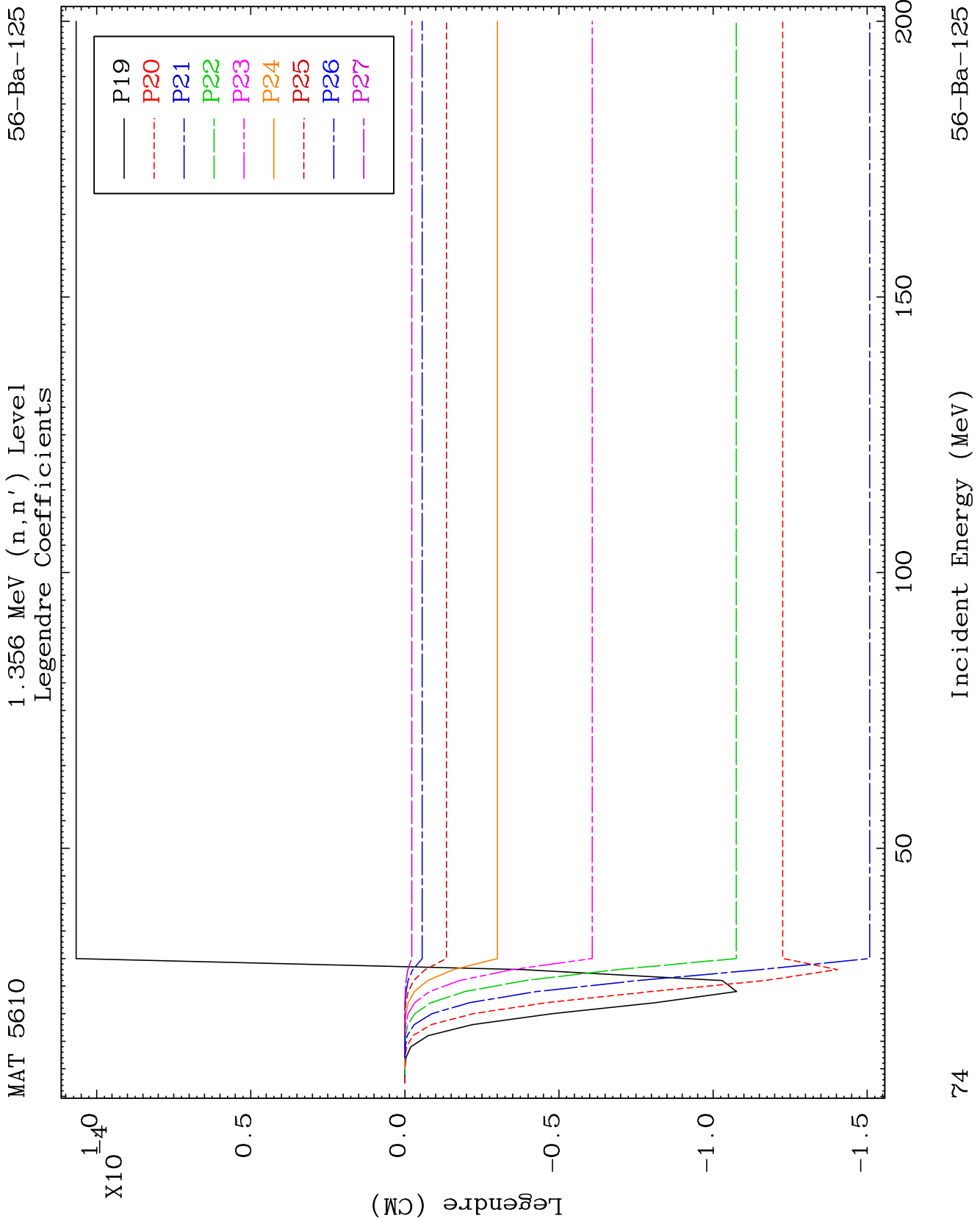


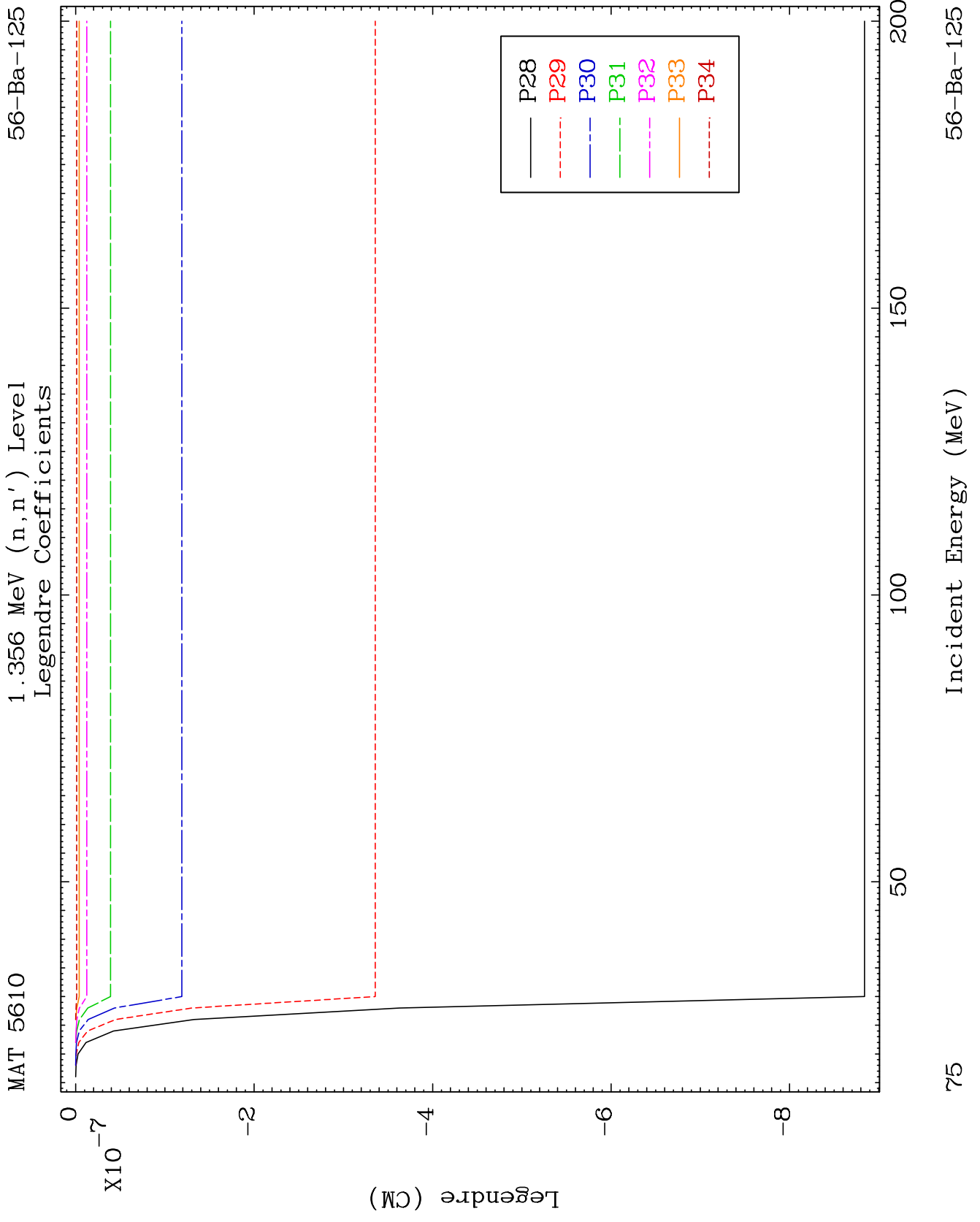


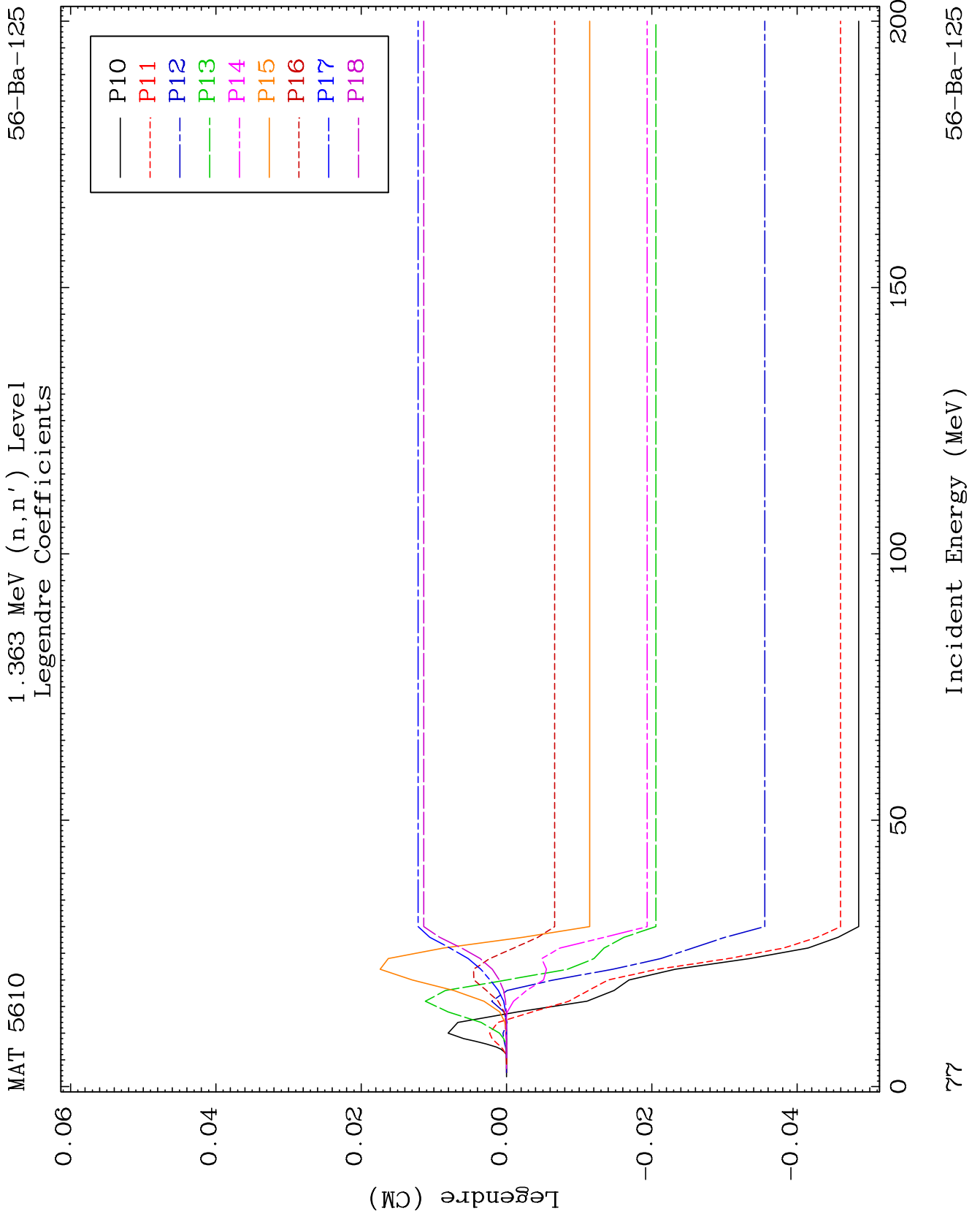


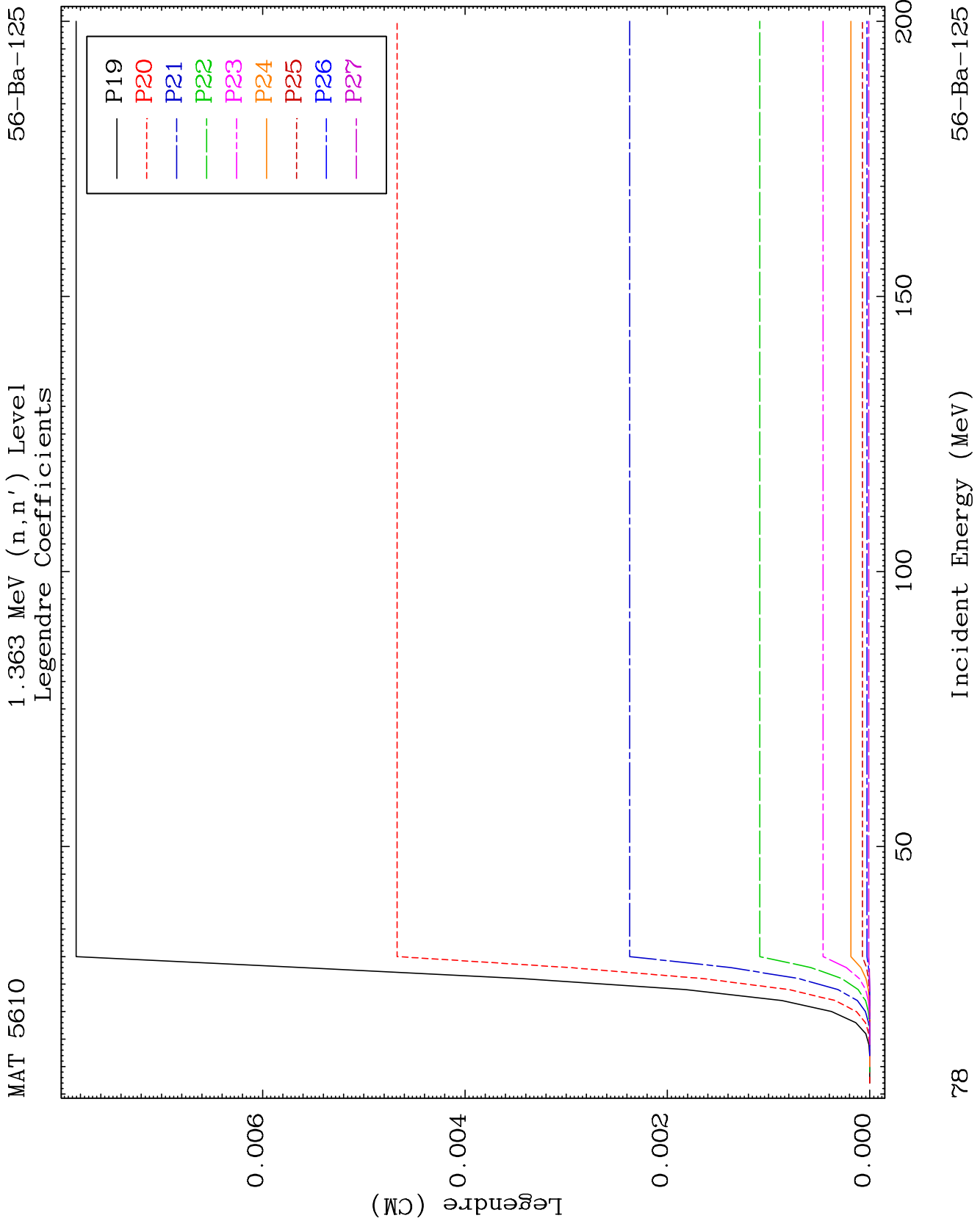


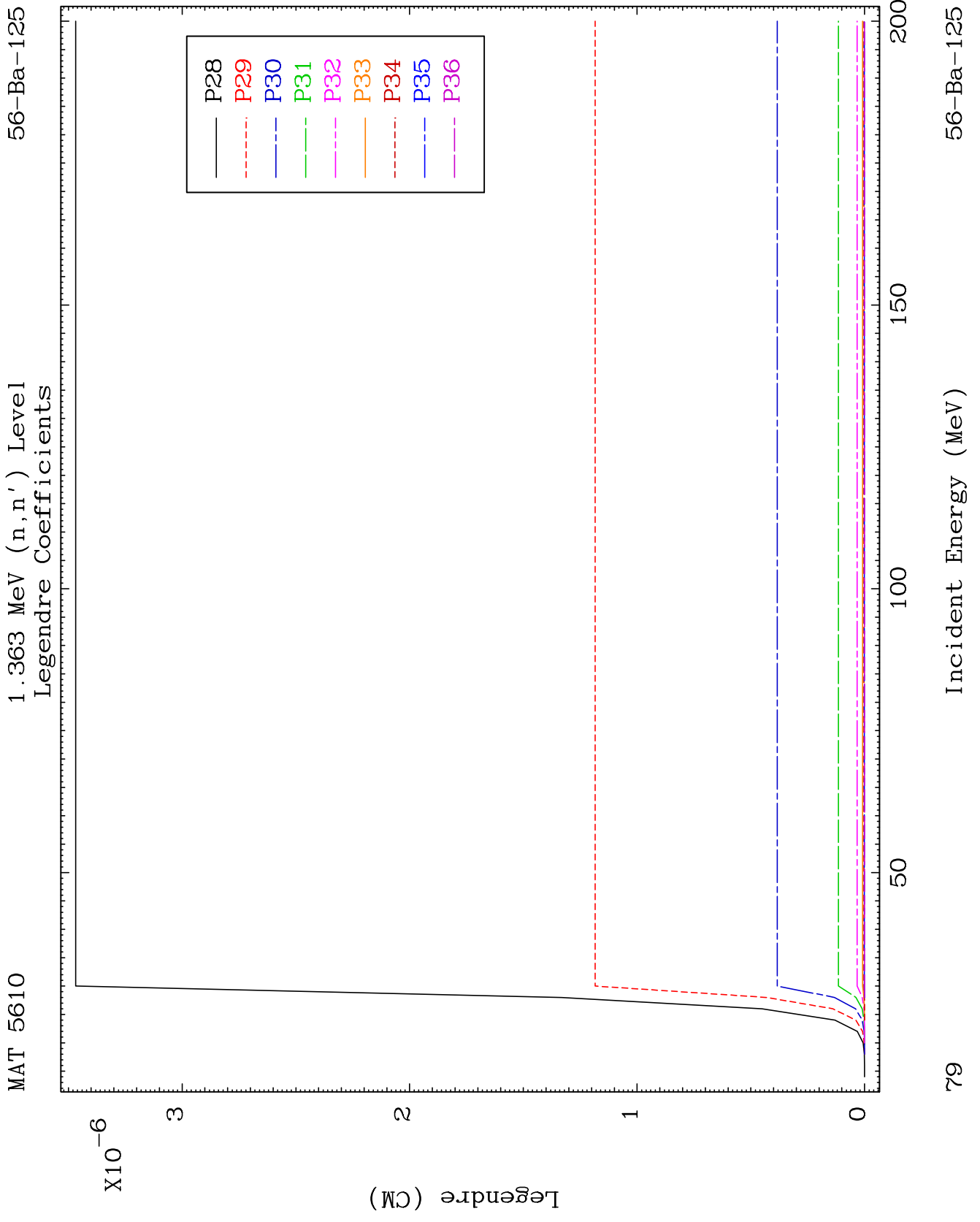


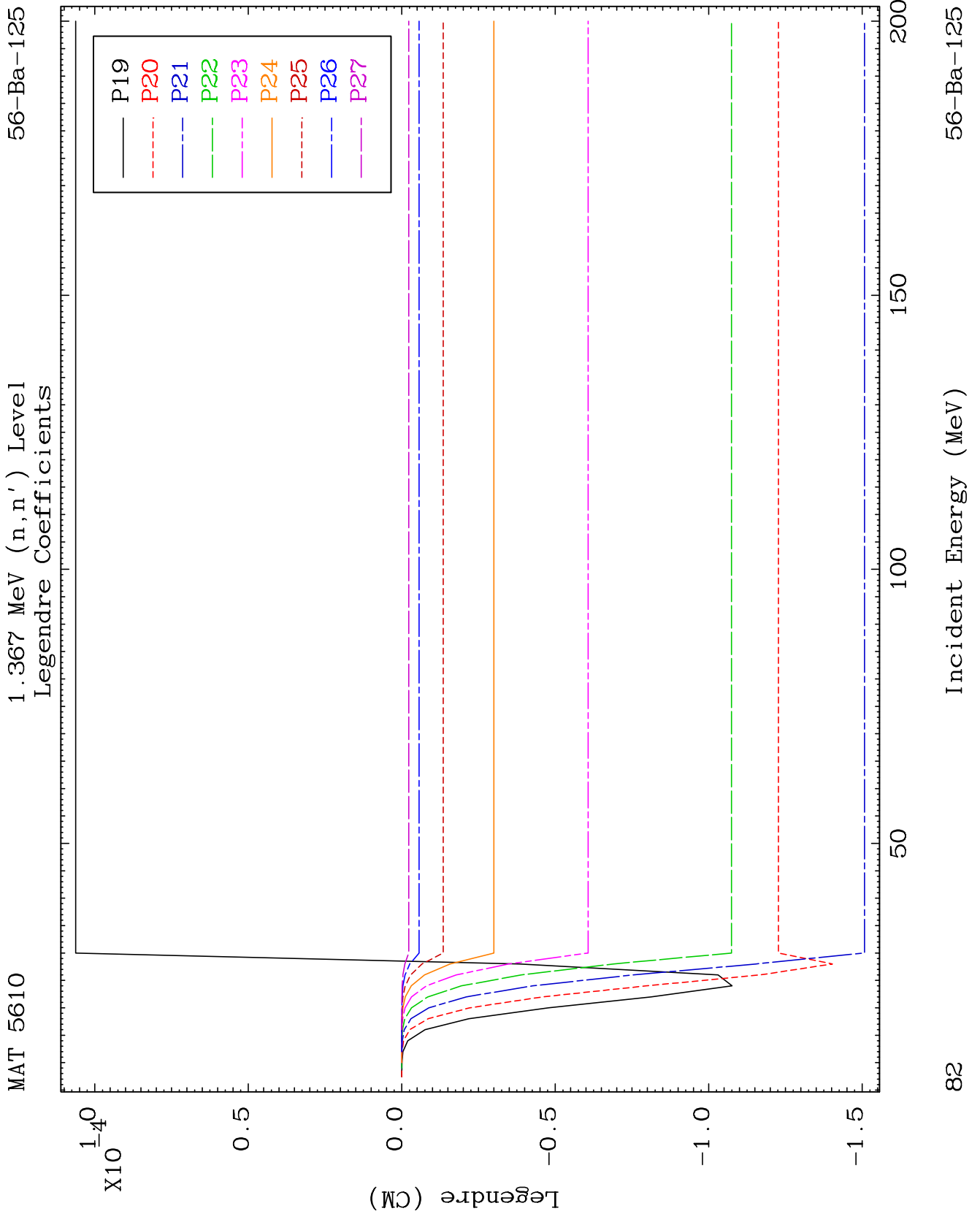


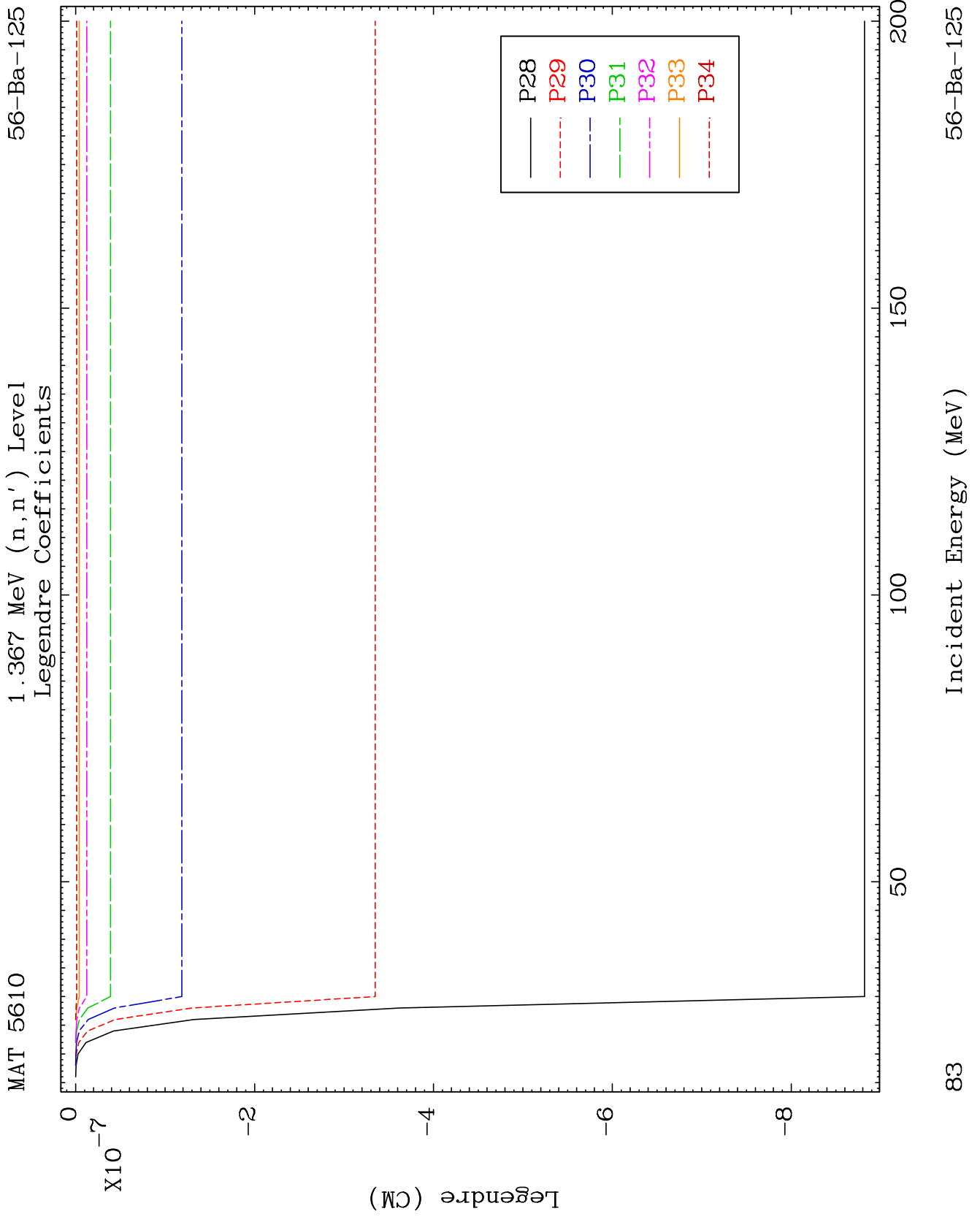


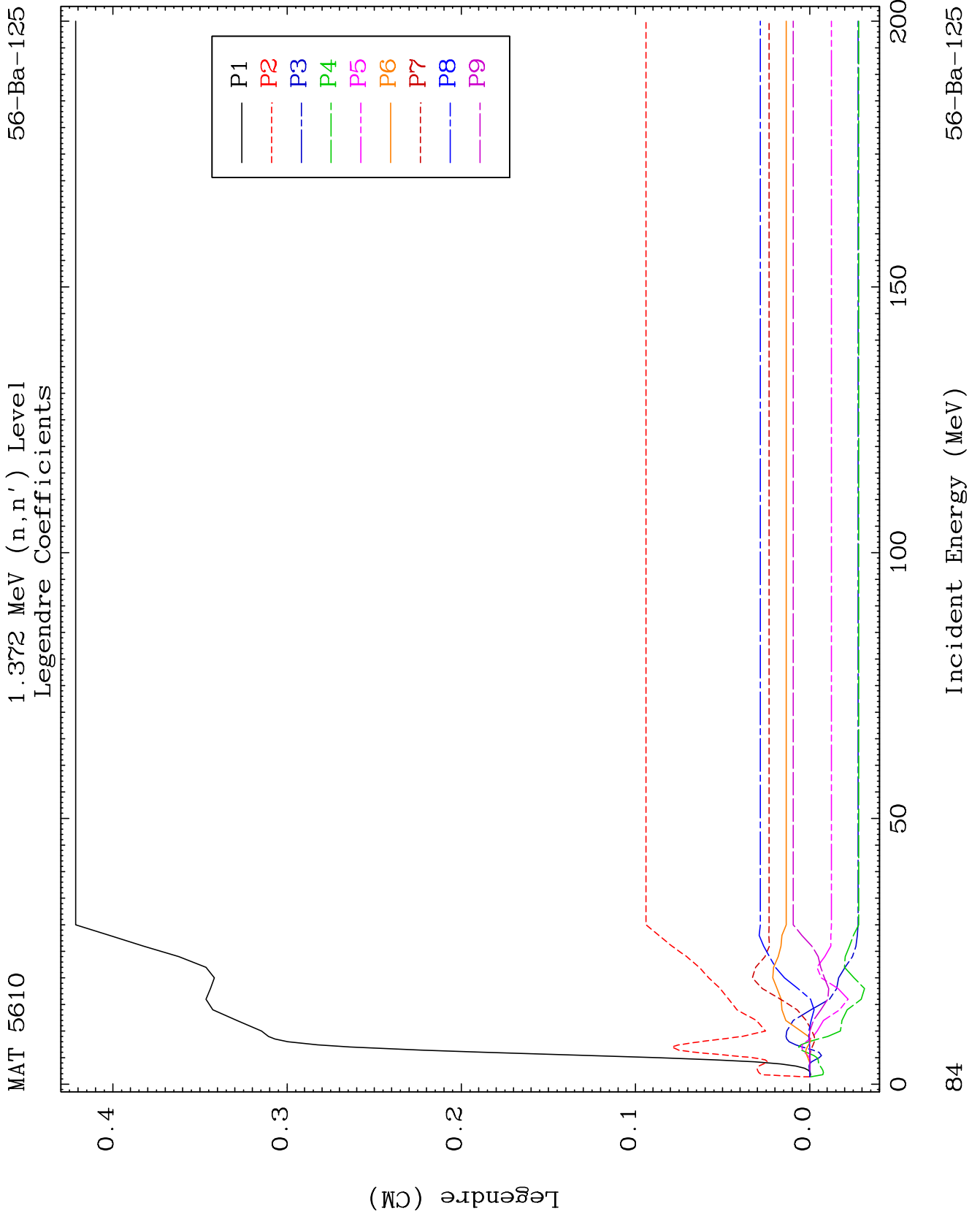


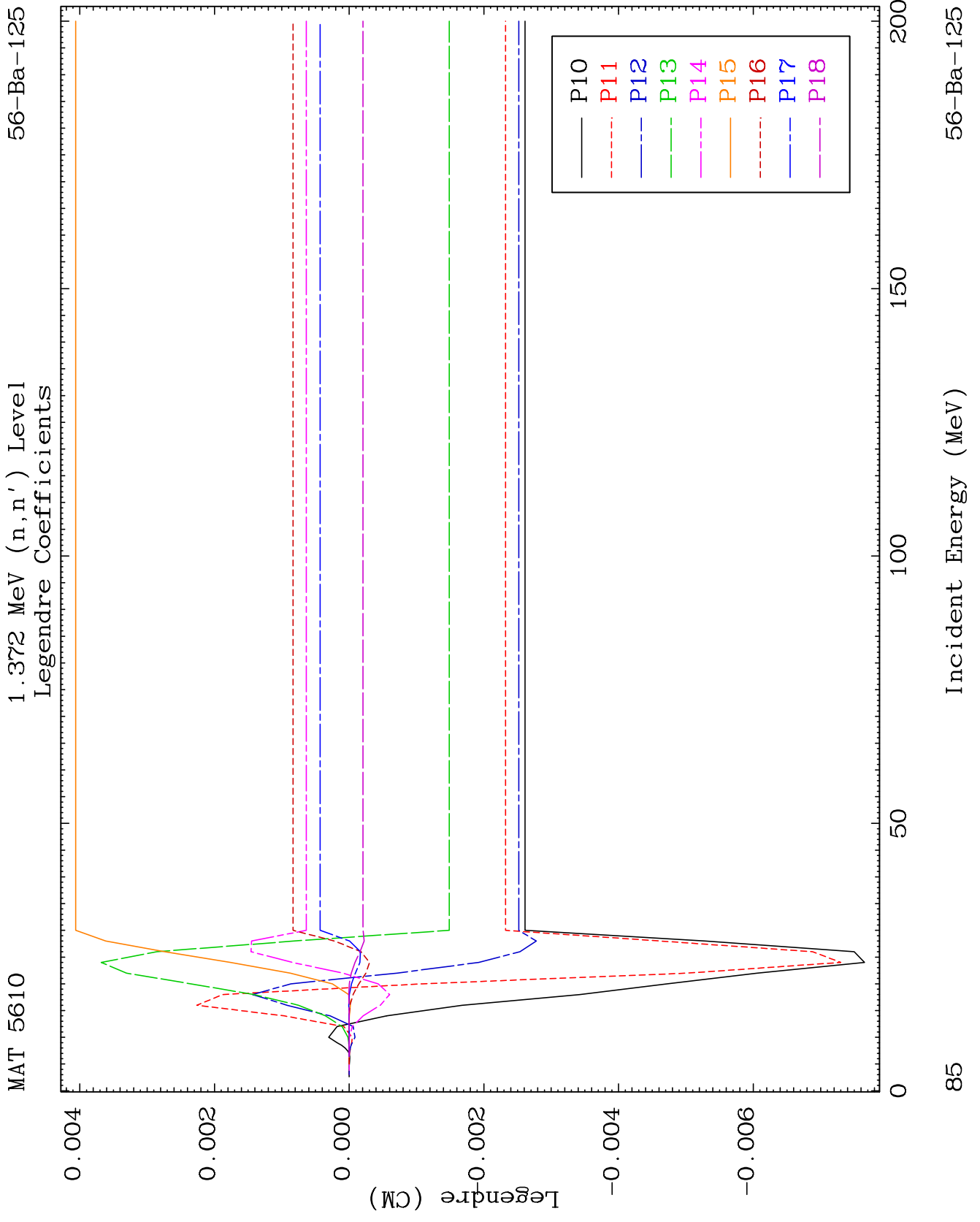


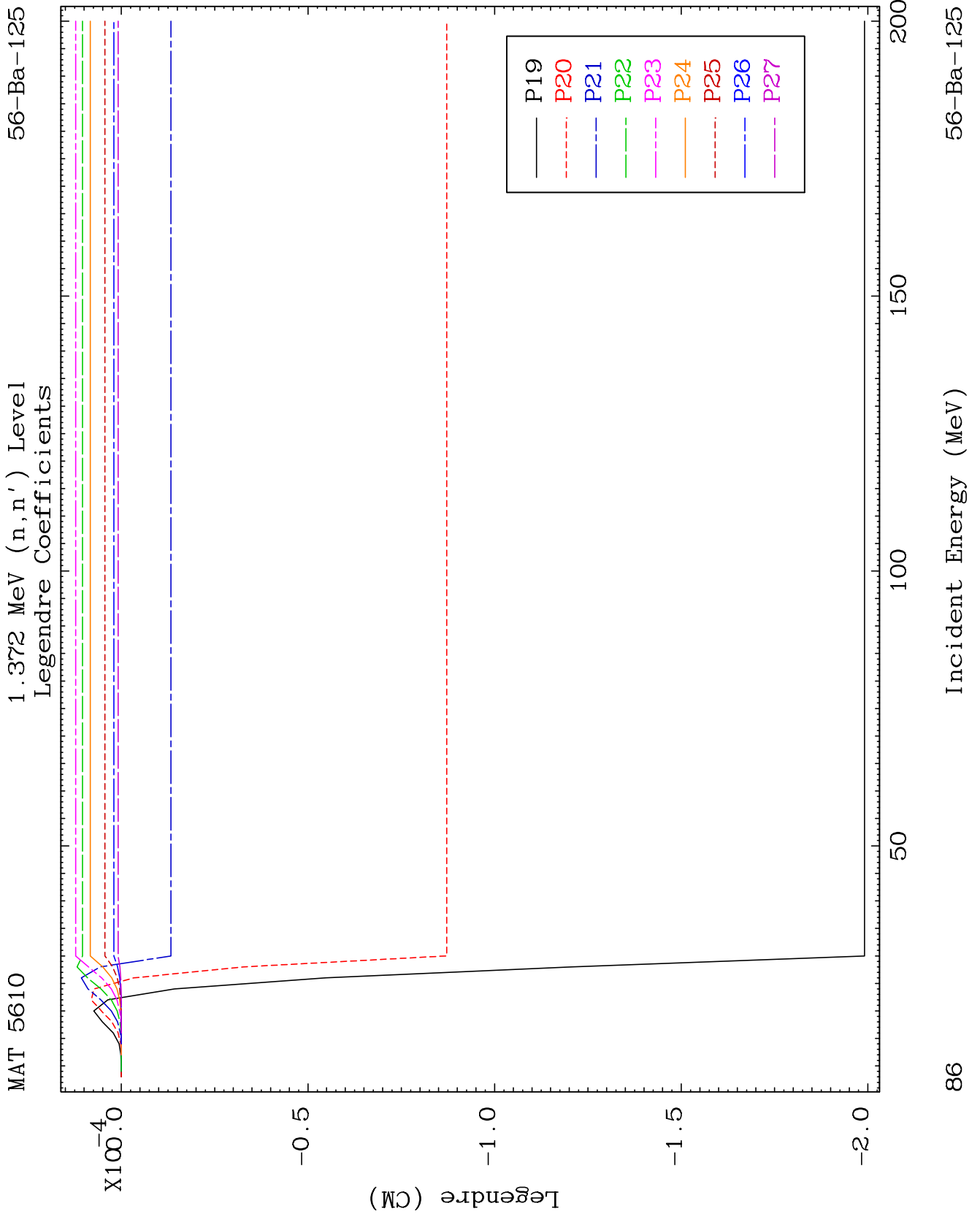


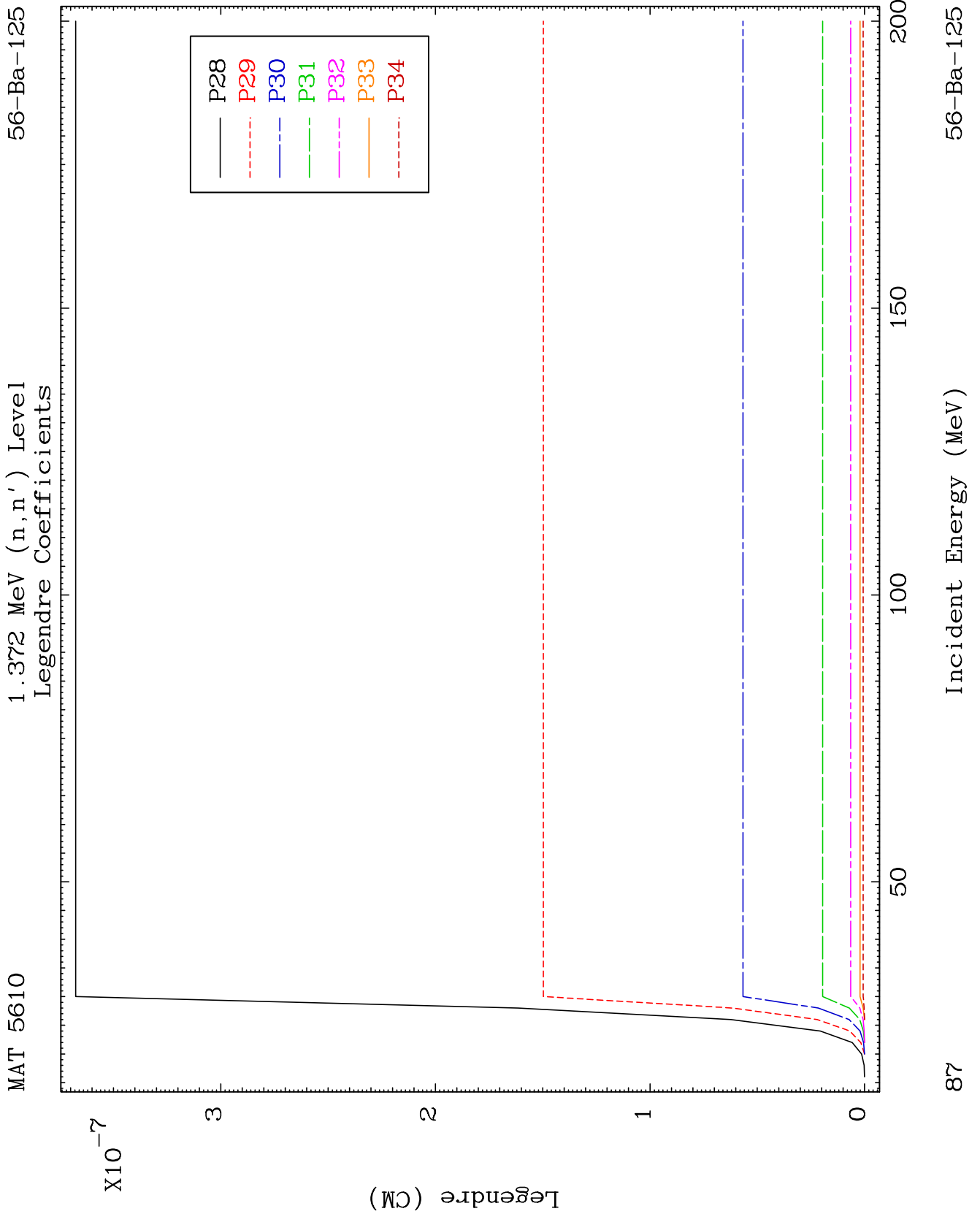


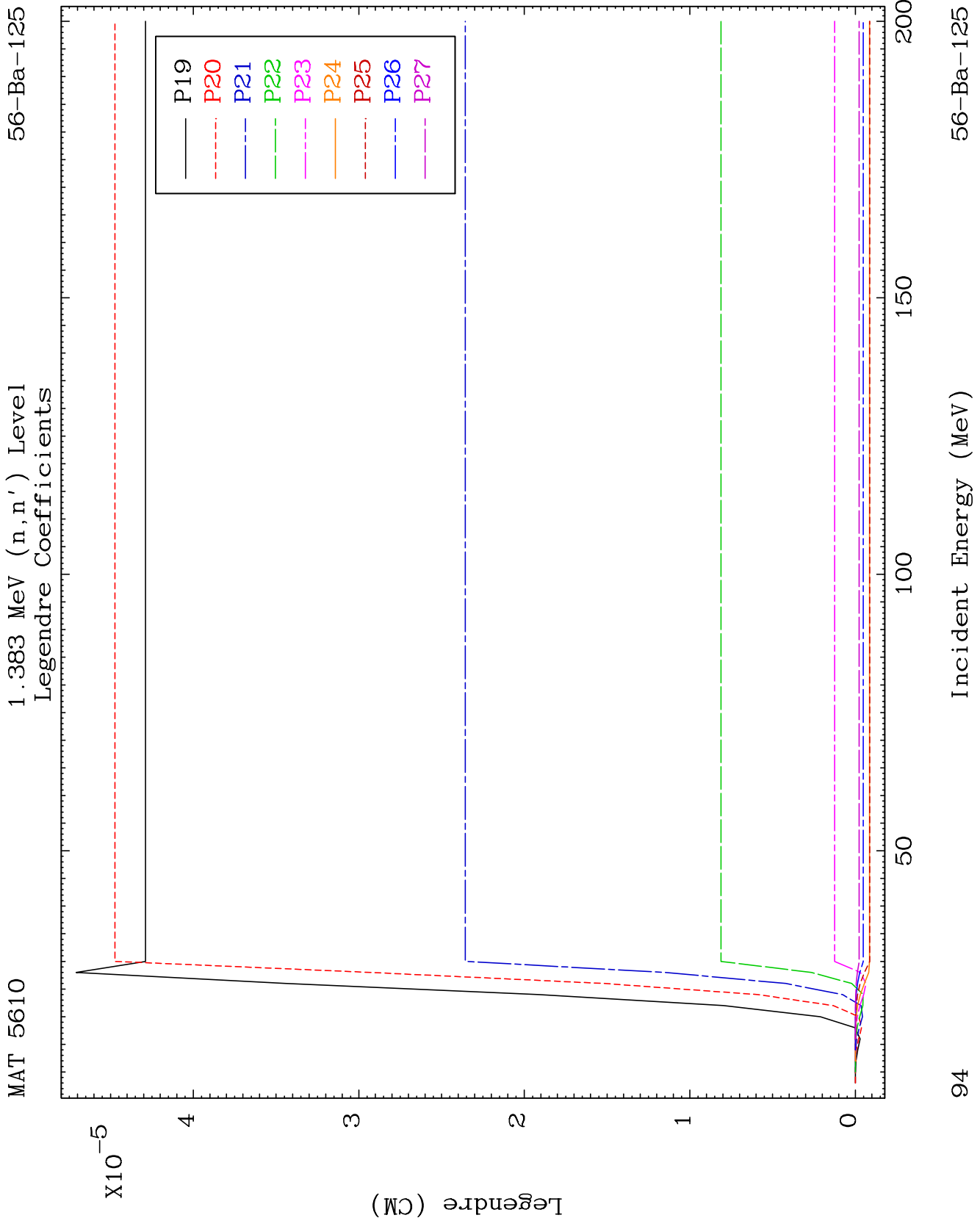


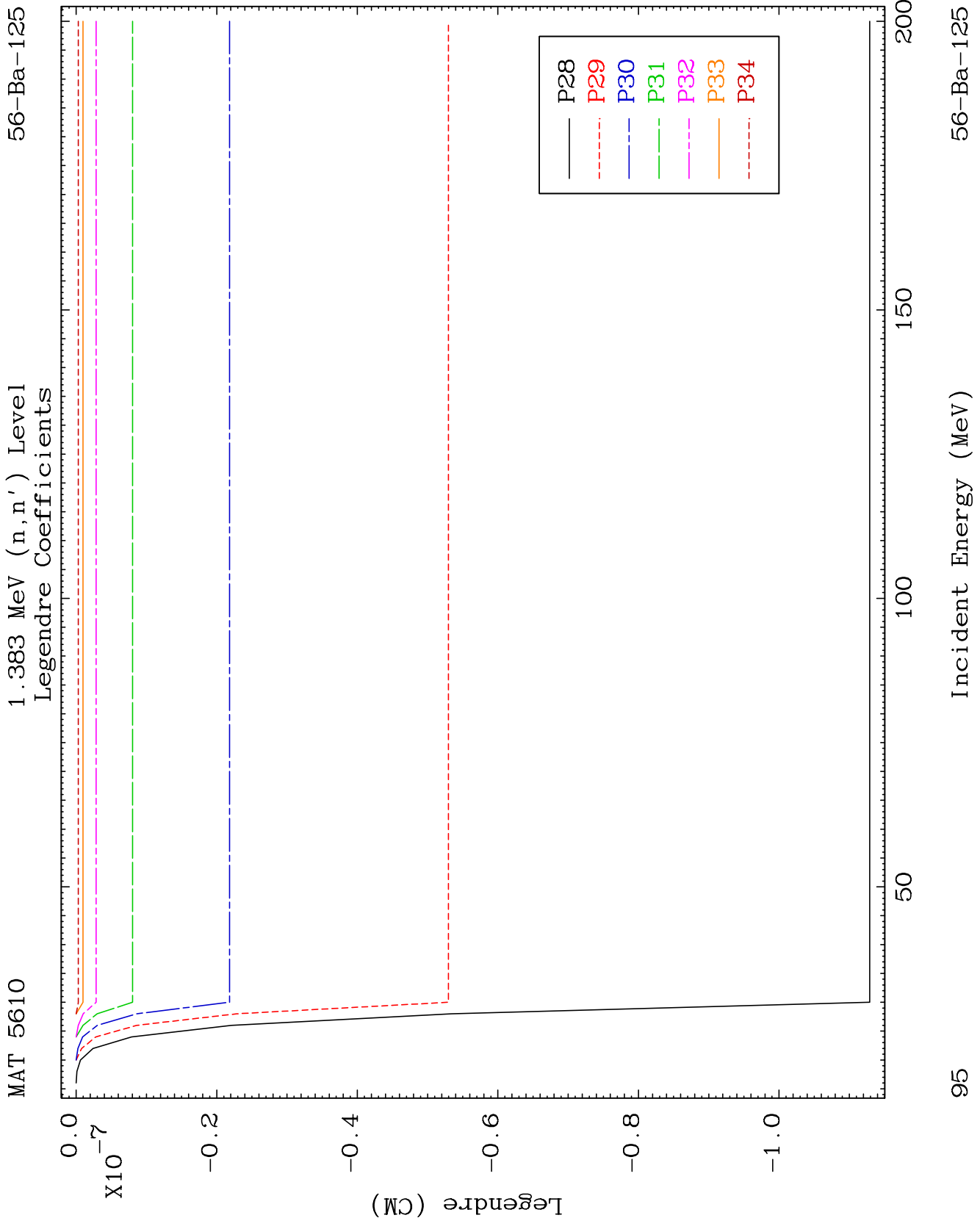


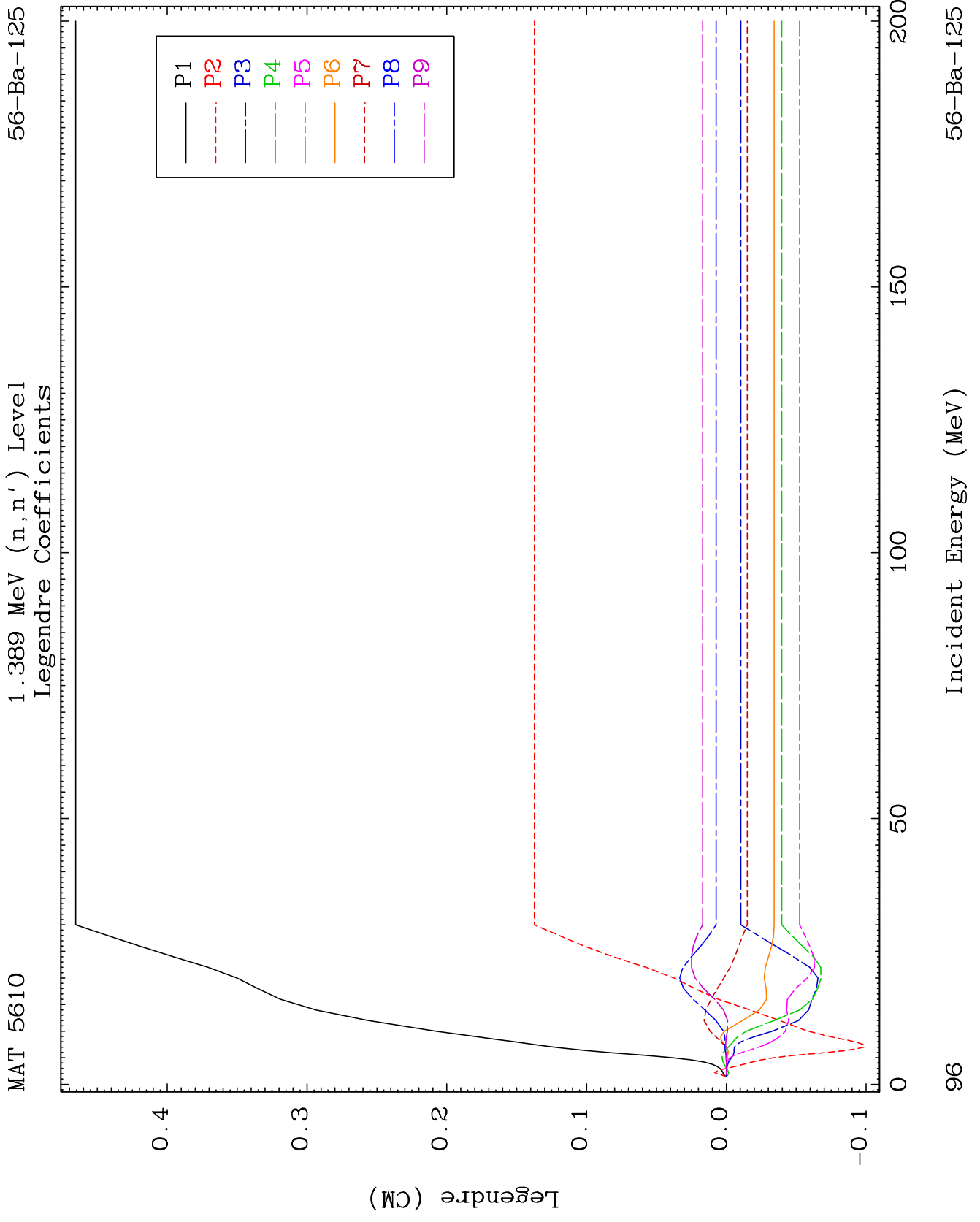


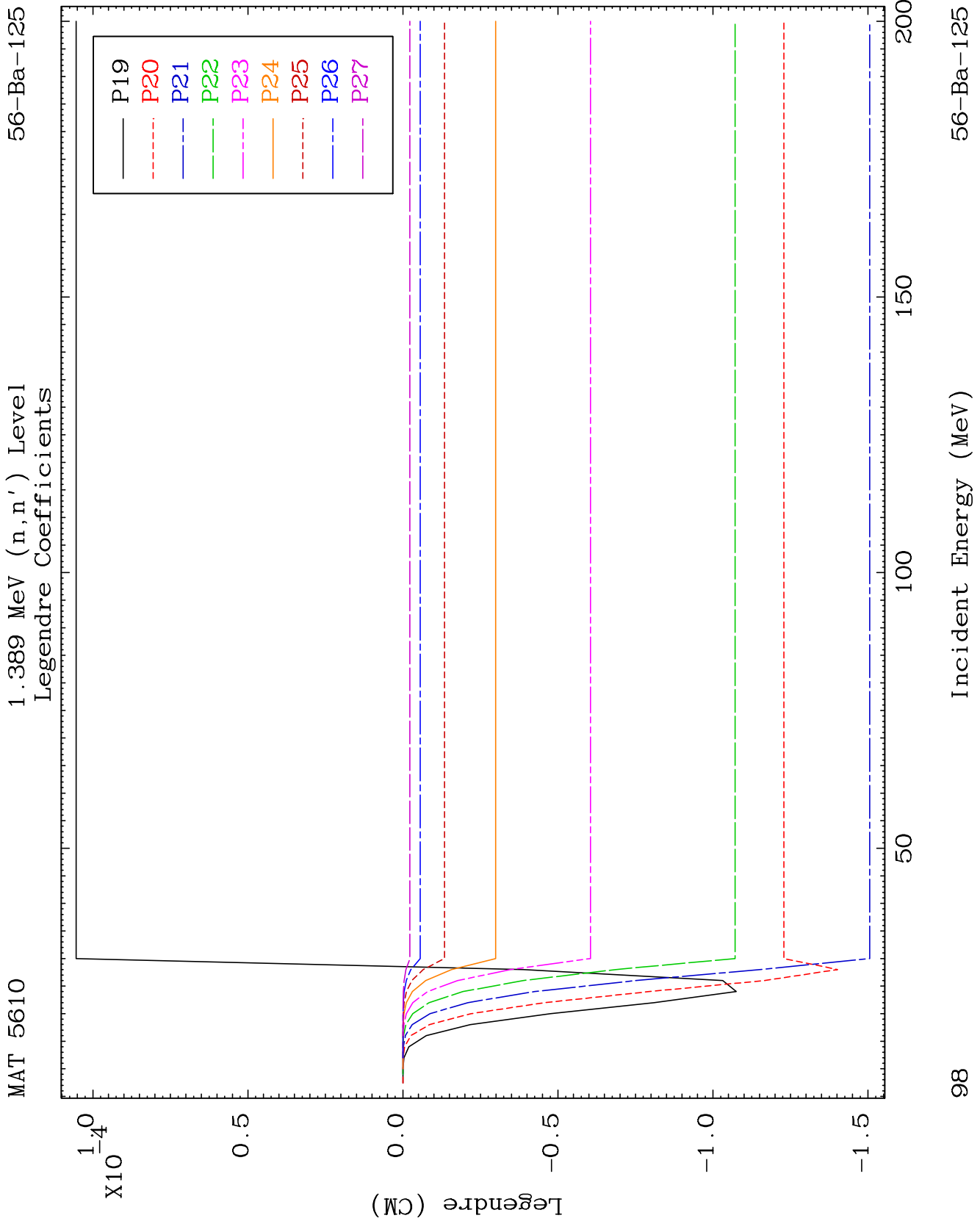


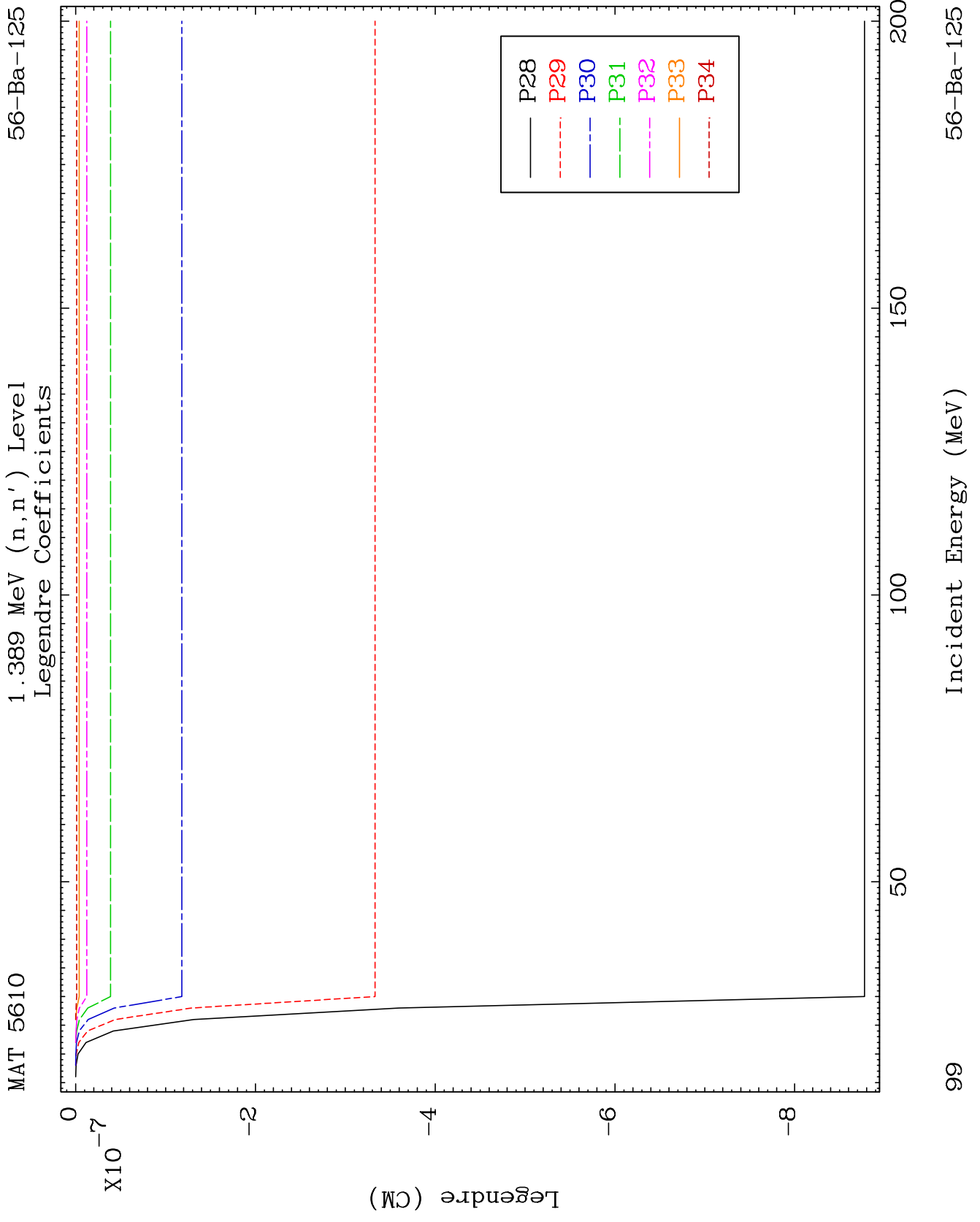








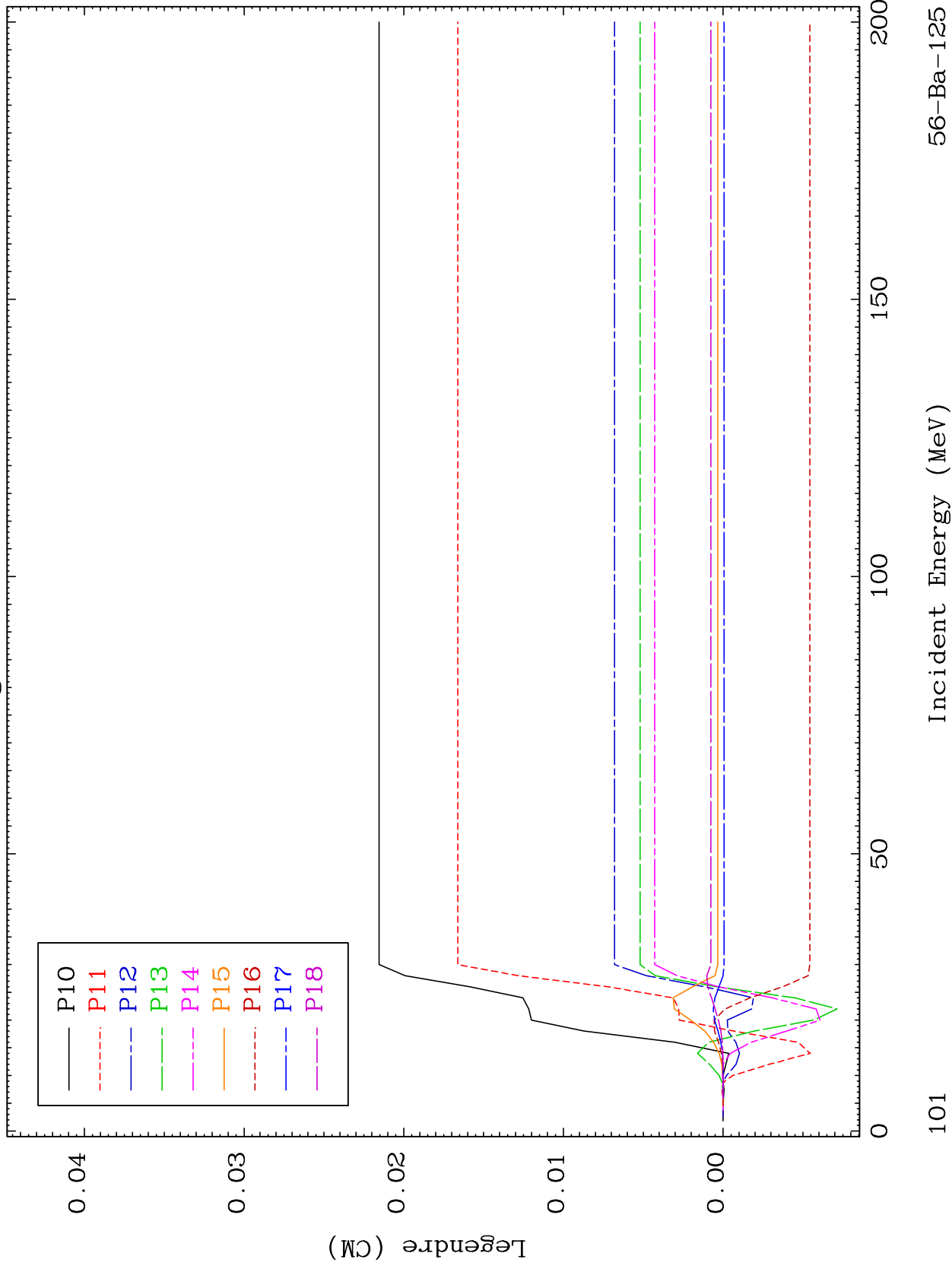




MAT 5610

1.391 MeV (n,n') Level
Legendre Coefficients

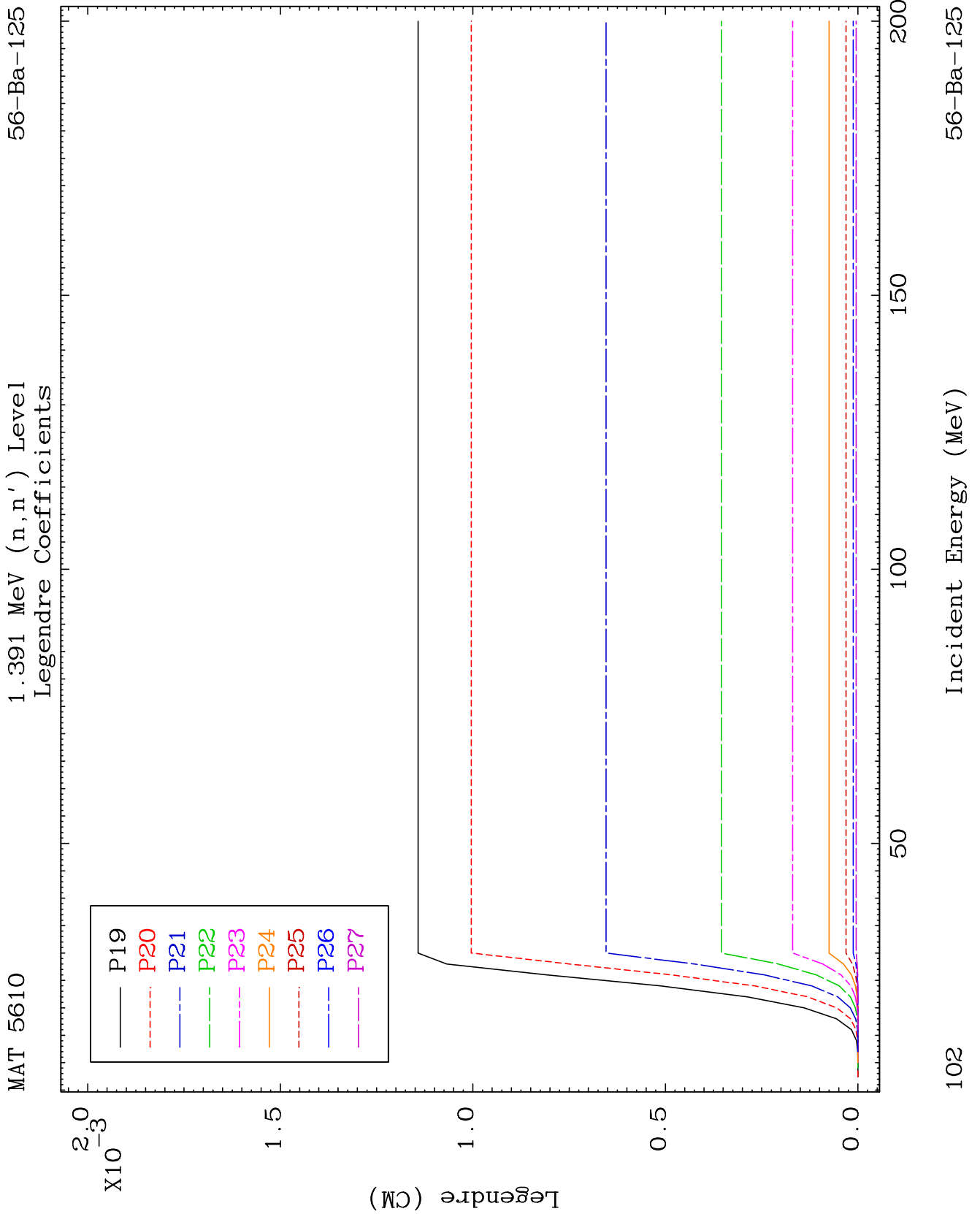
56-Ba-125

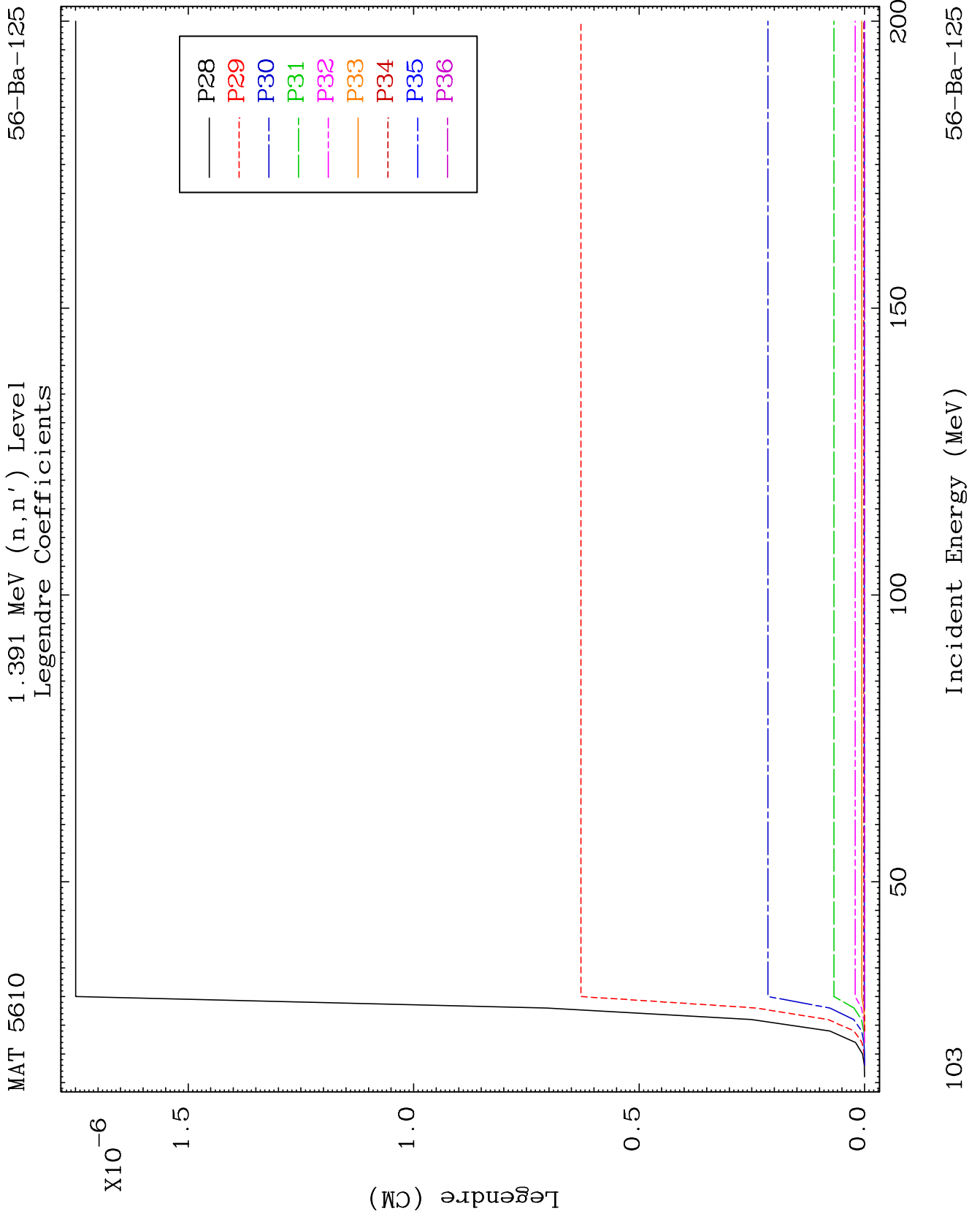


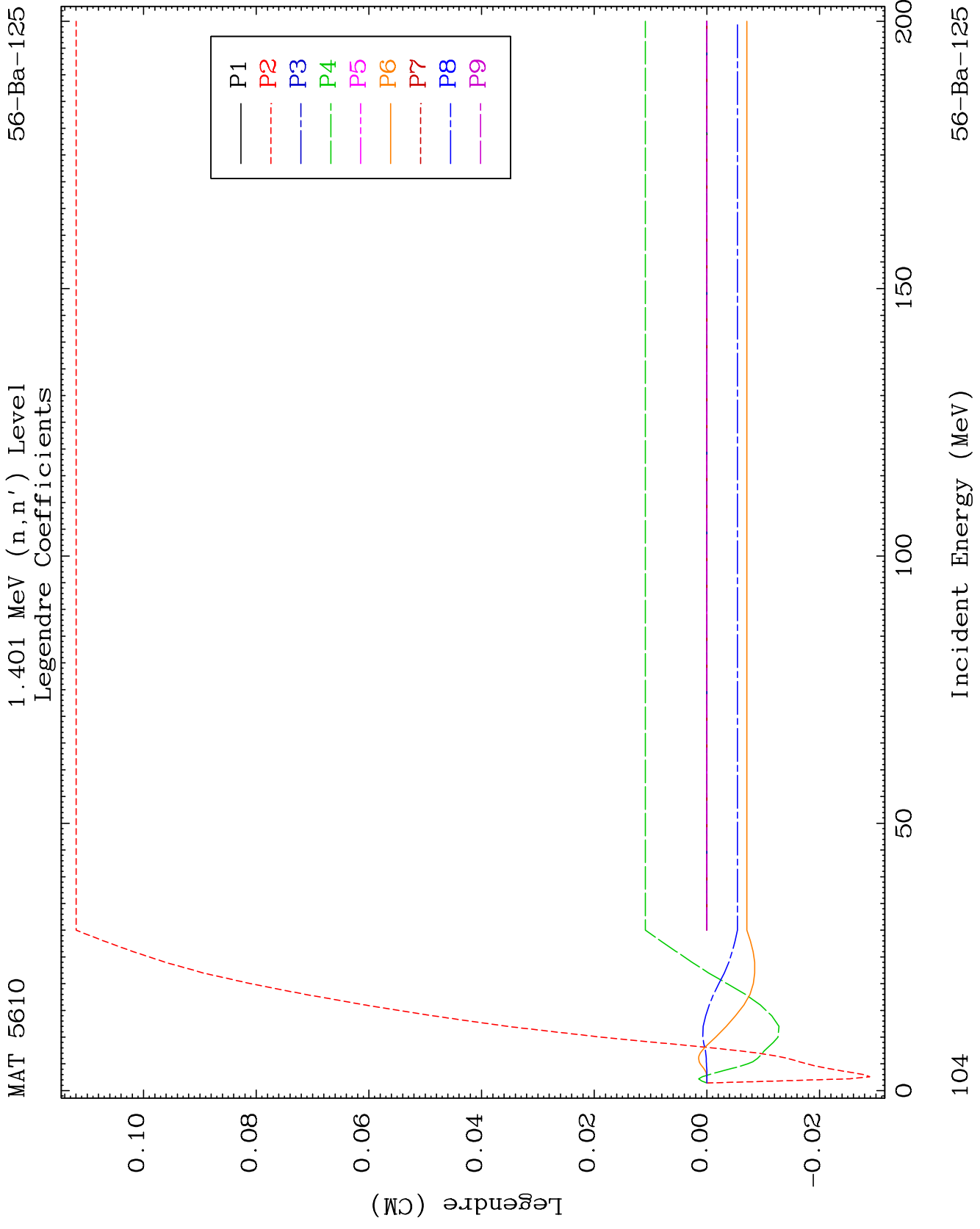
101

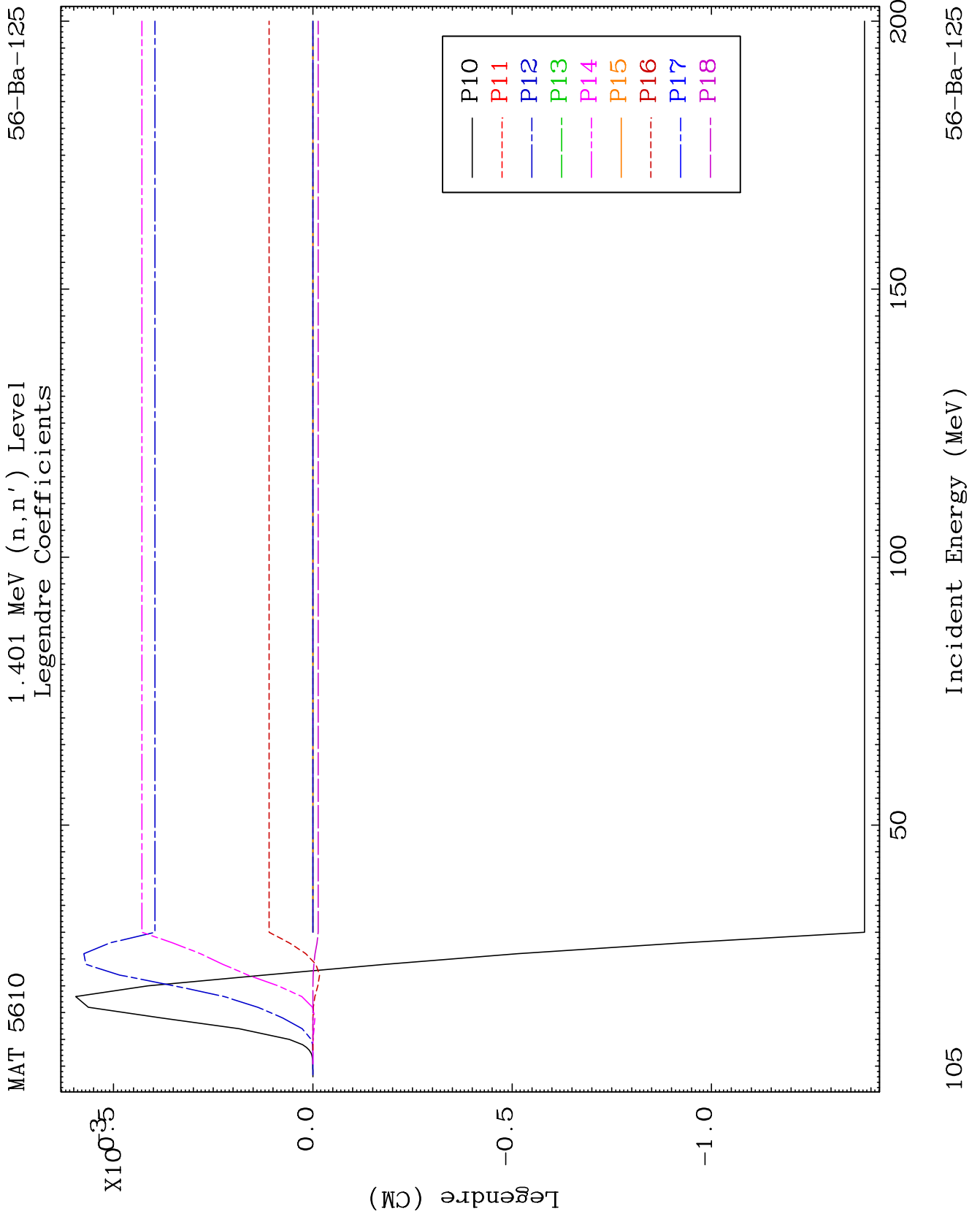
Incident Energy (MeV)

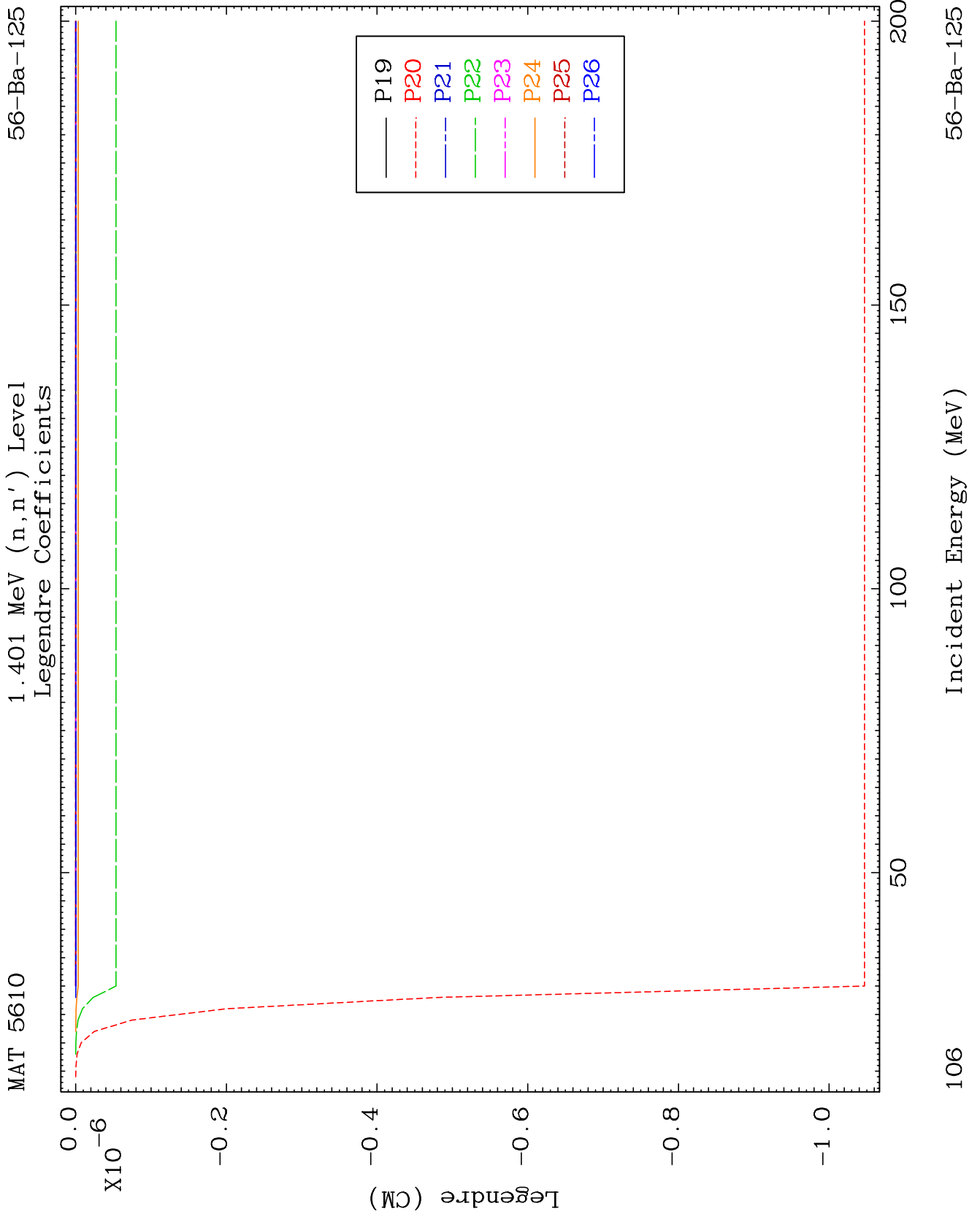
56-Ba-125

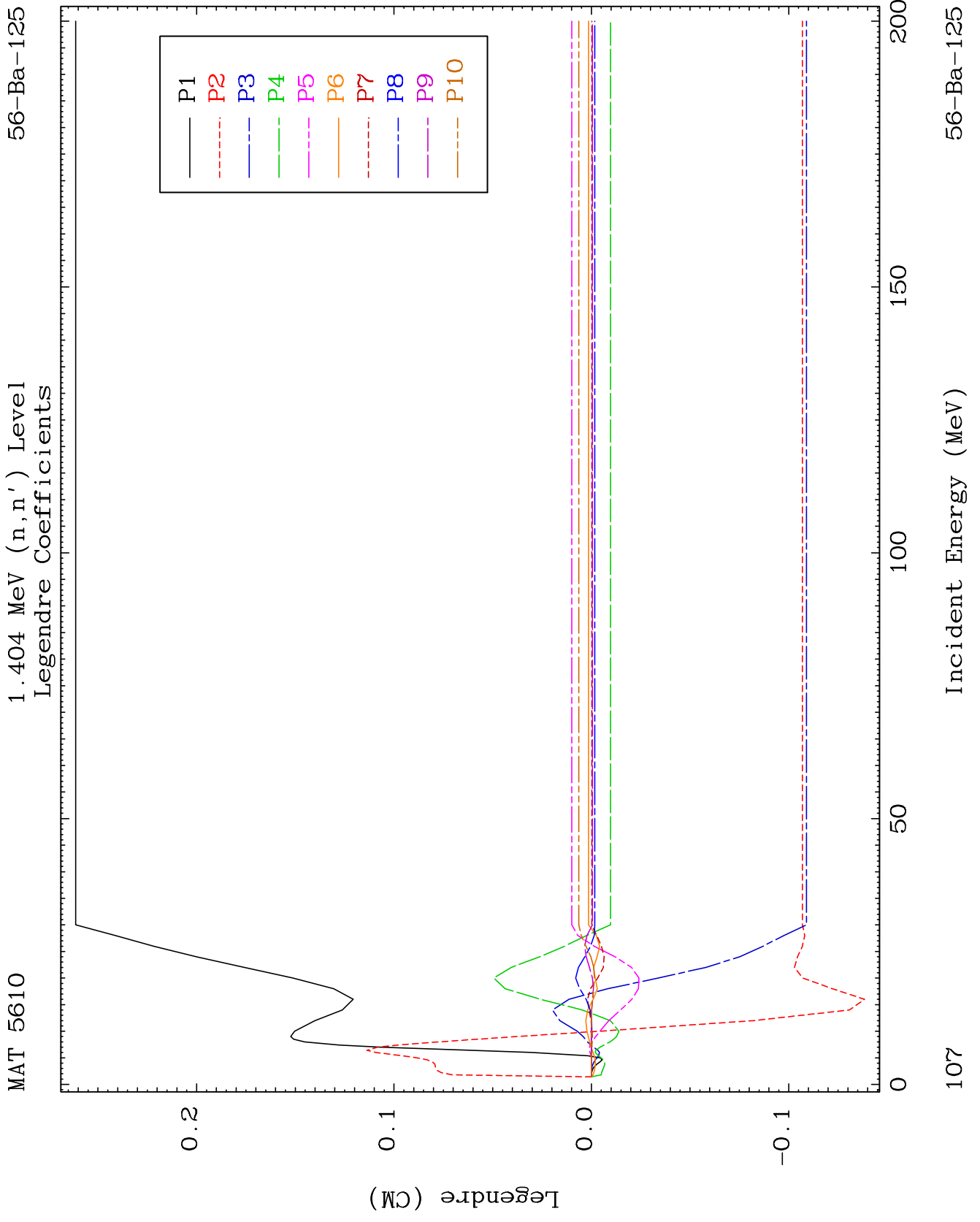


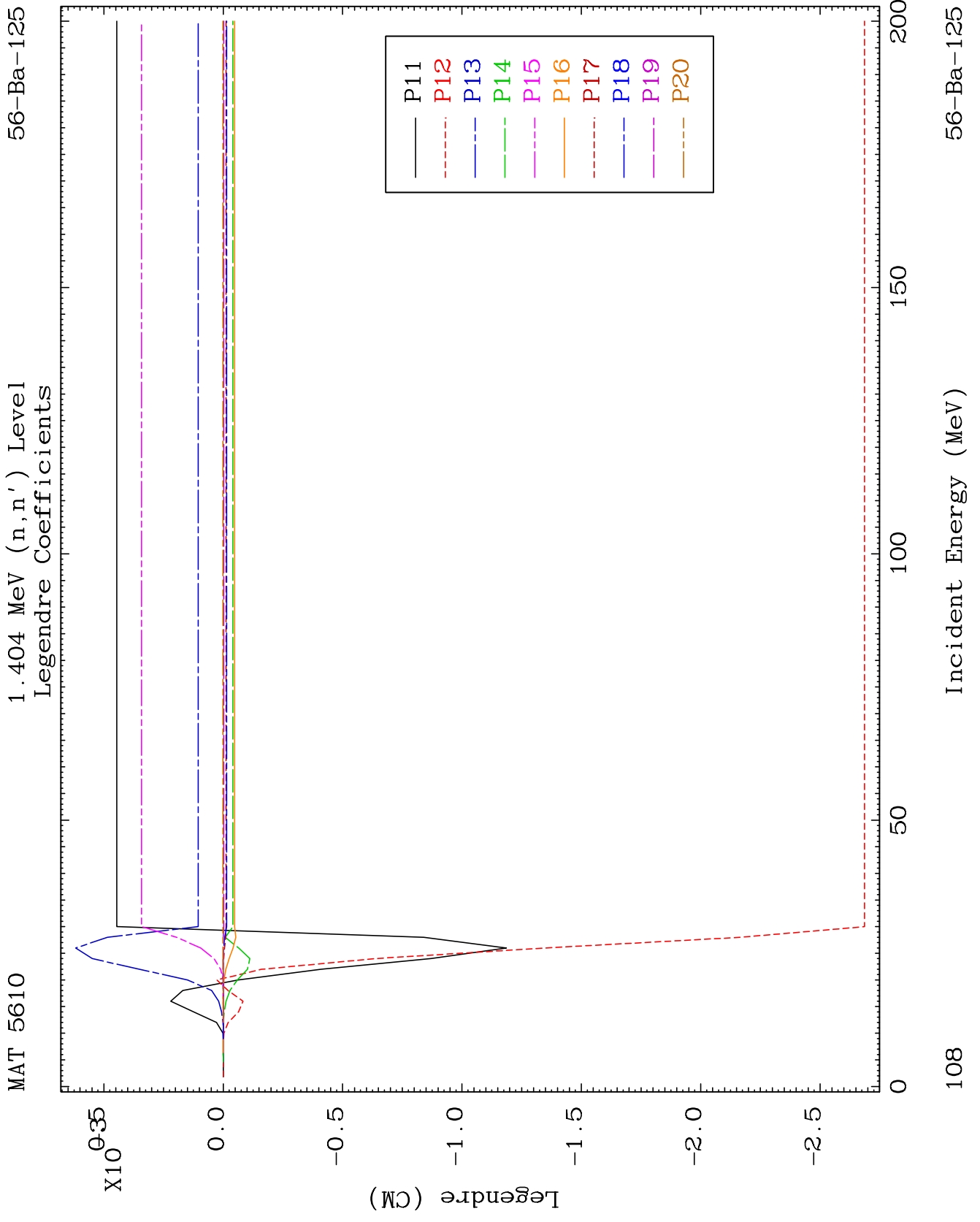


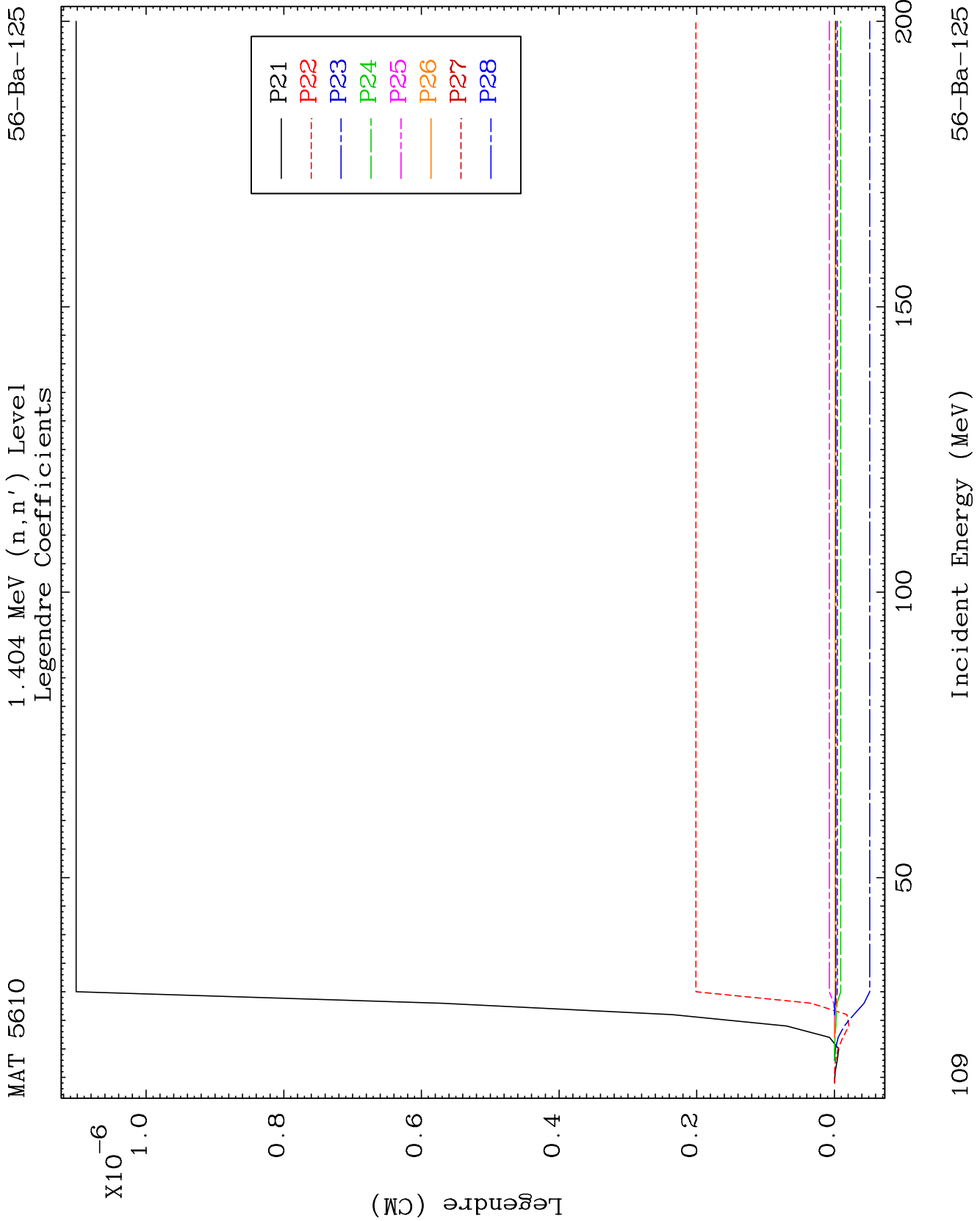


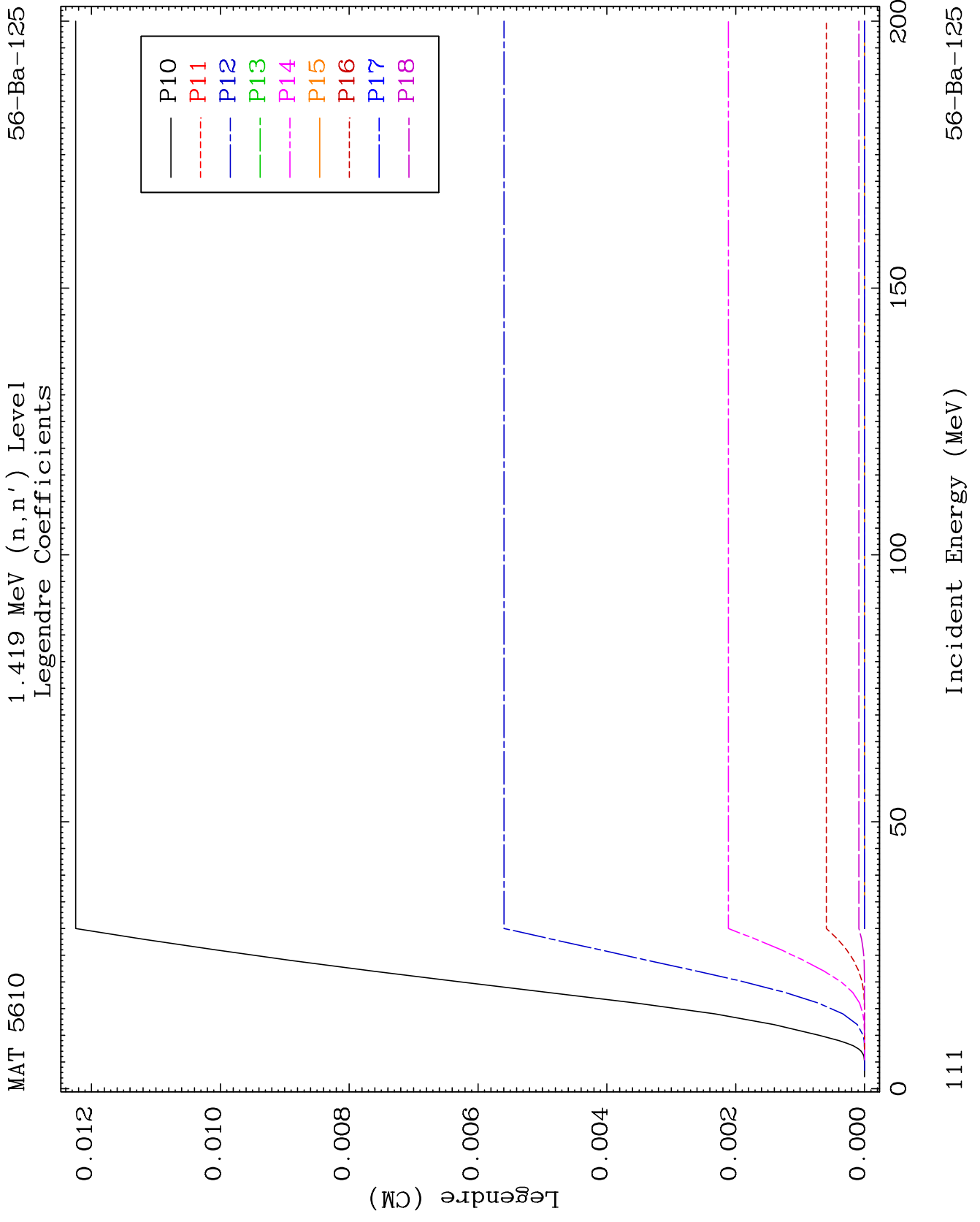


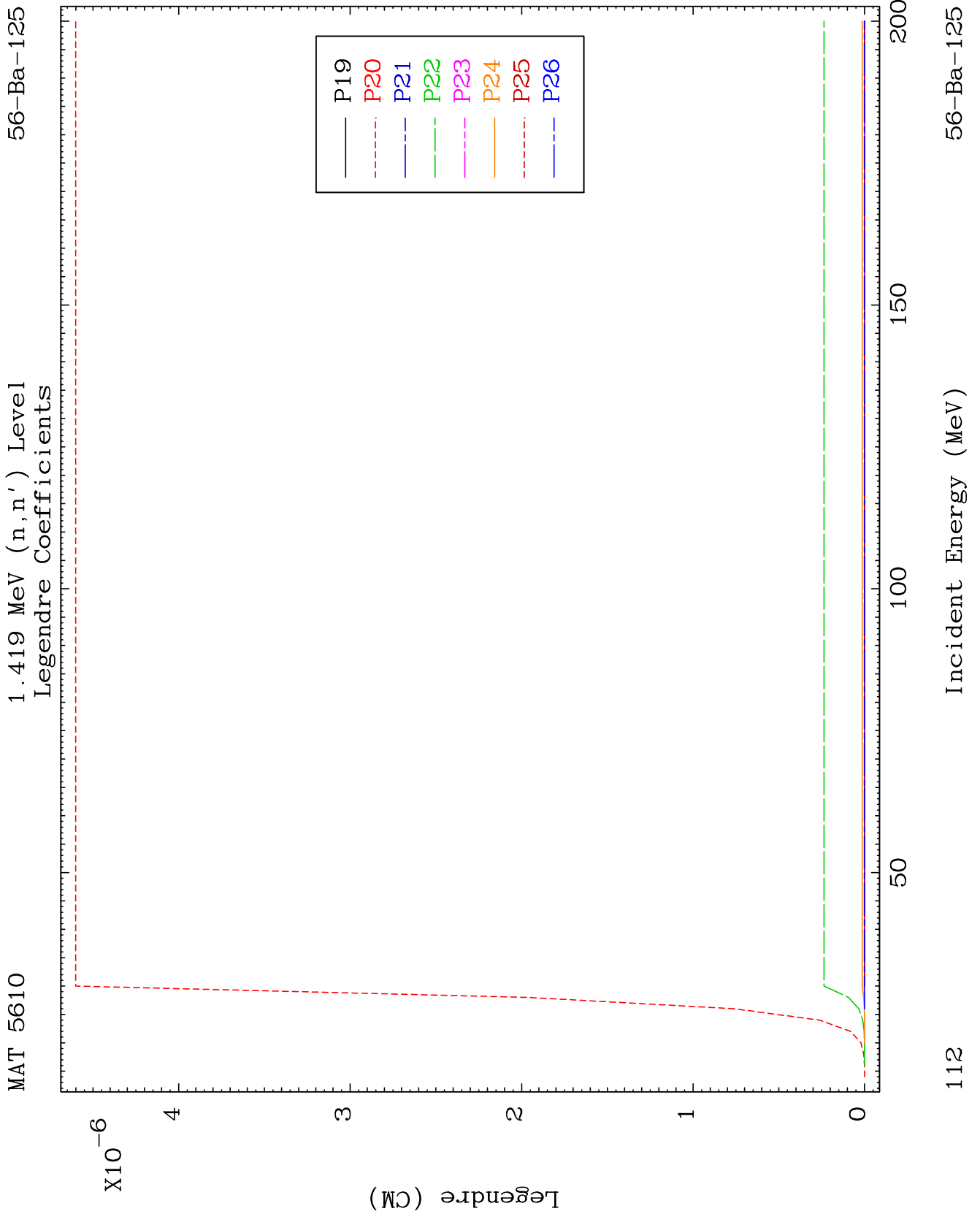


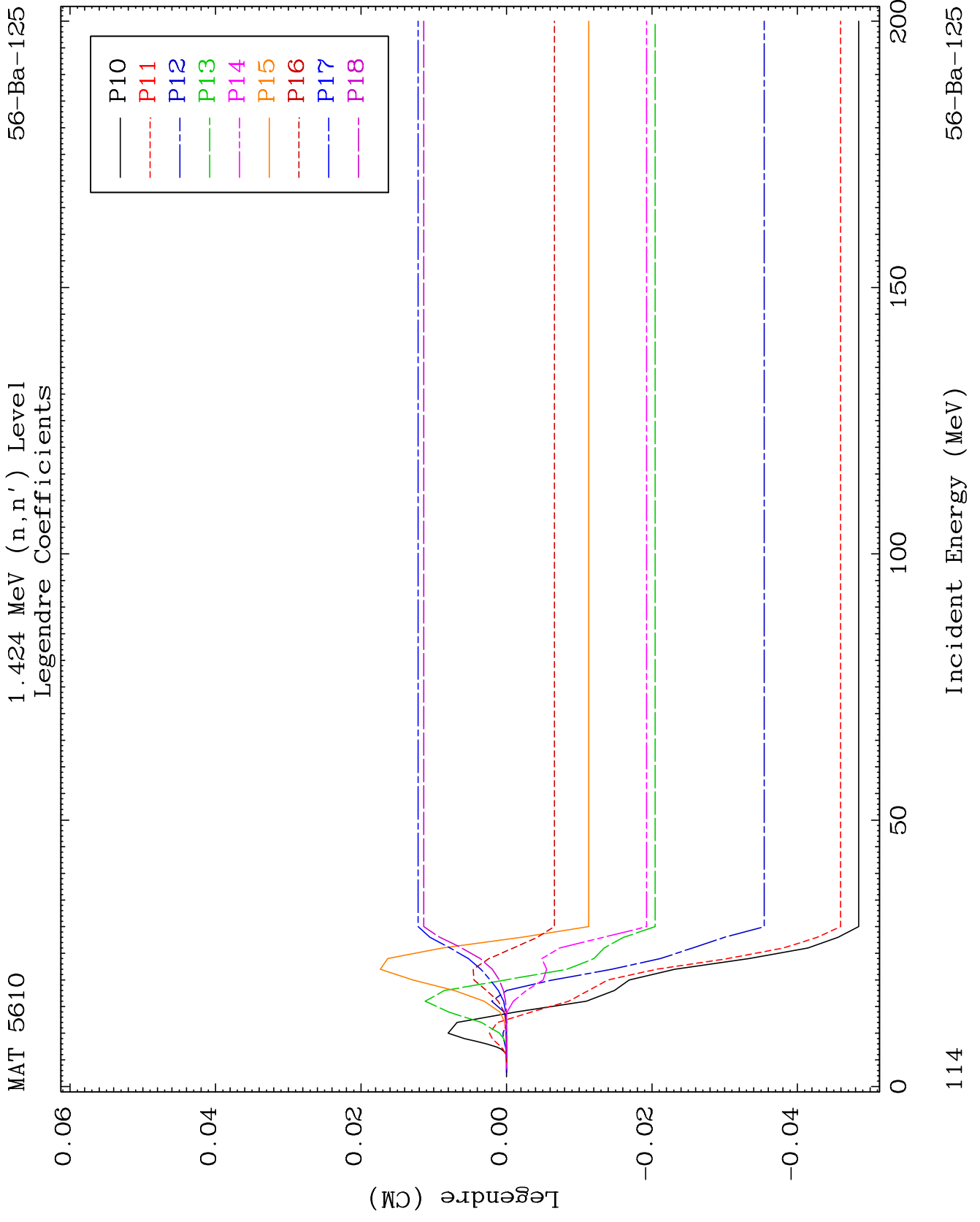


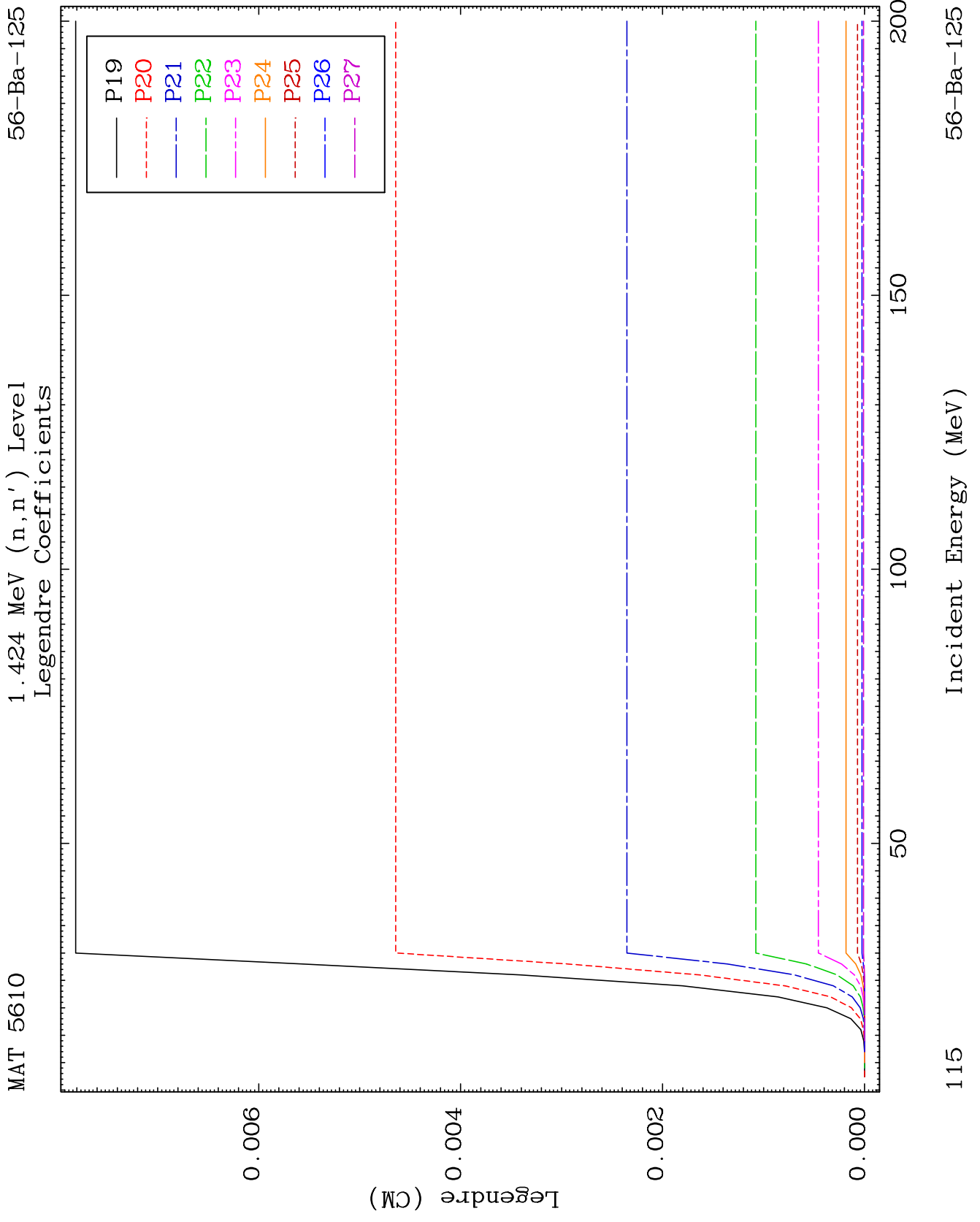


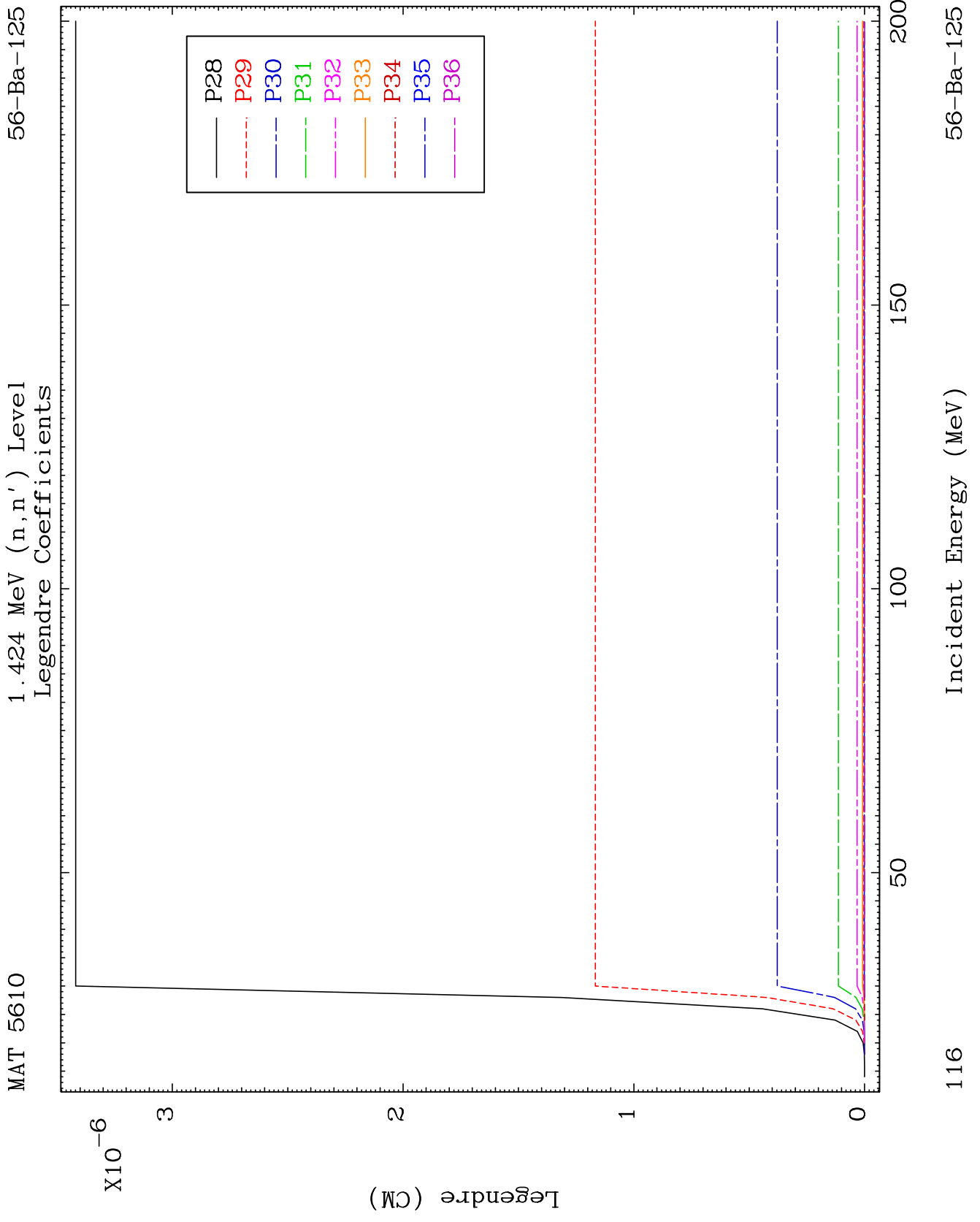


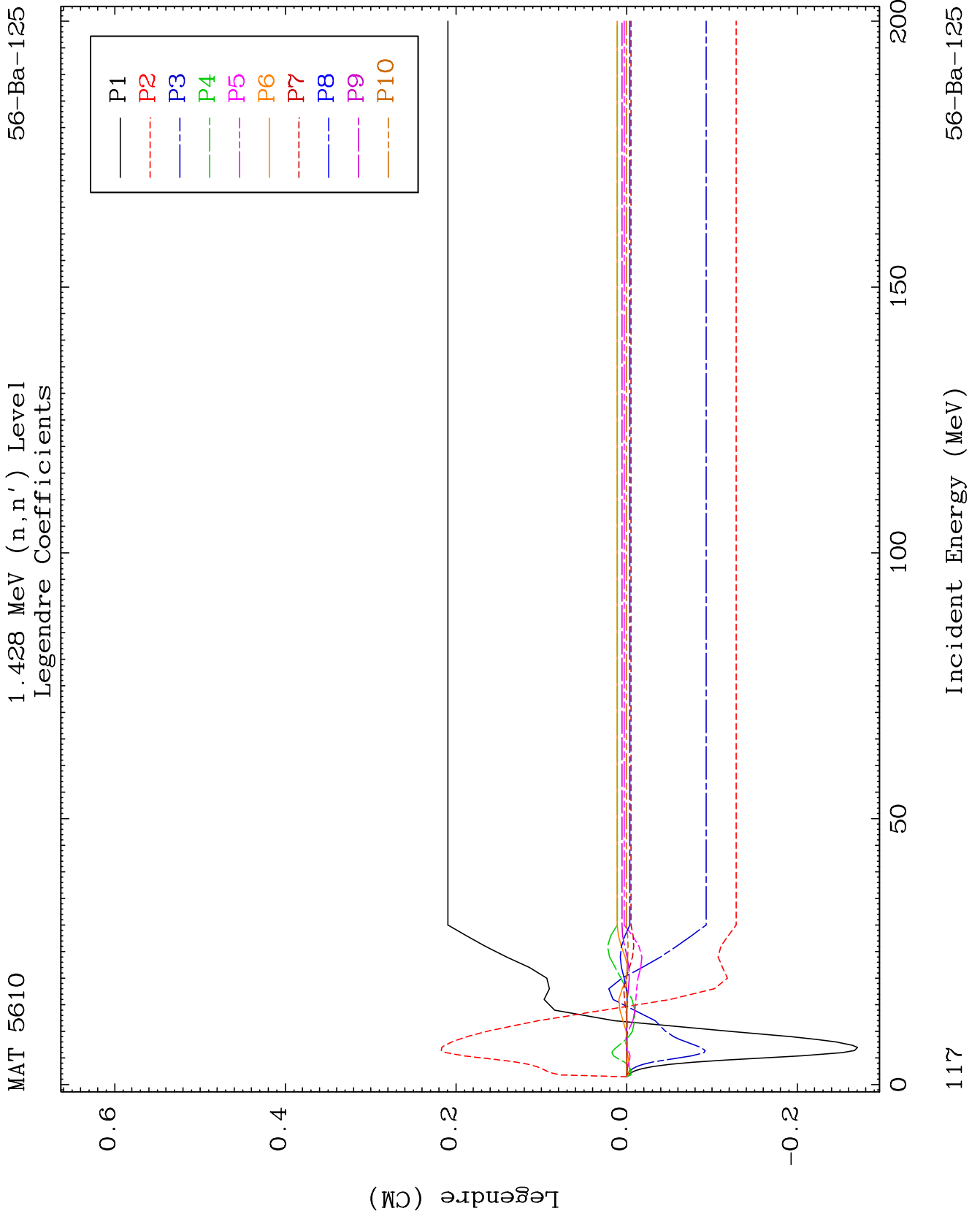








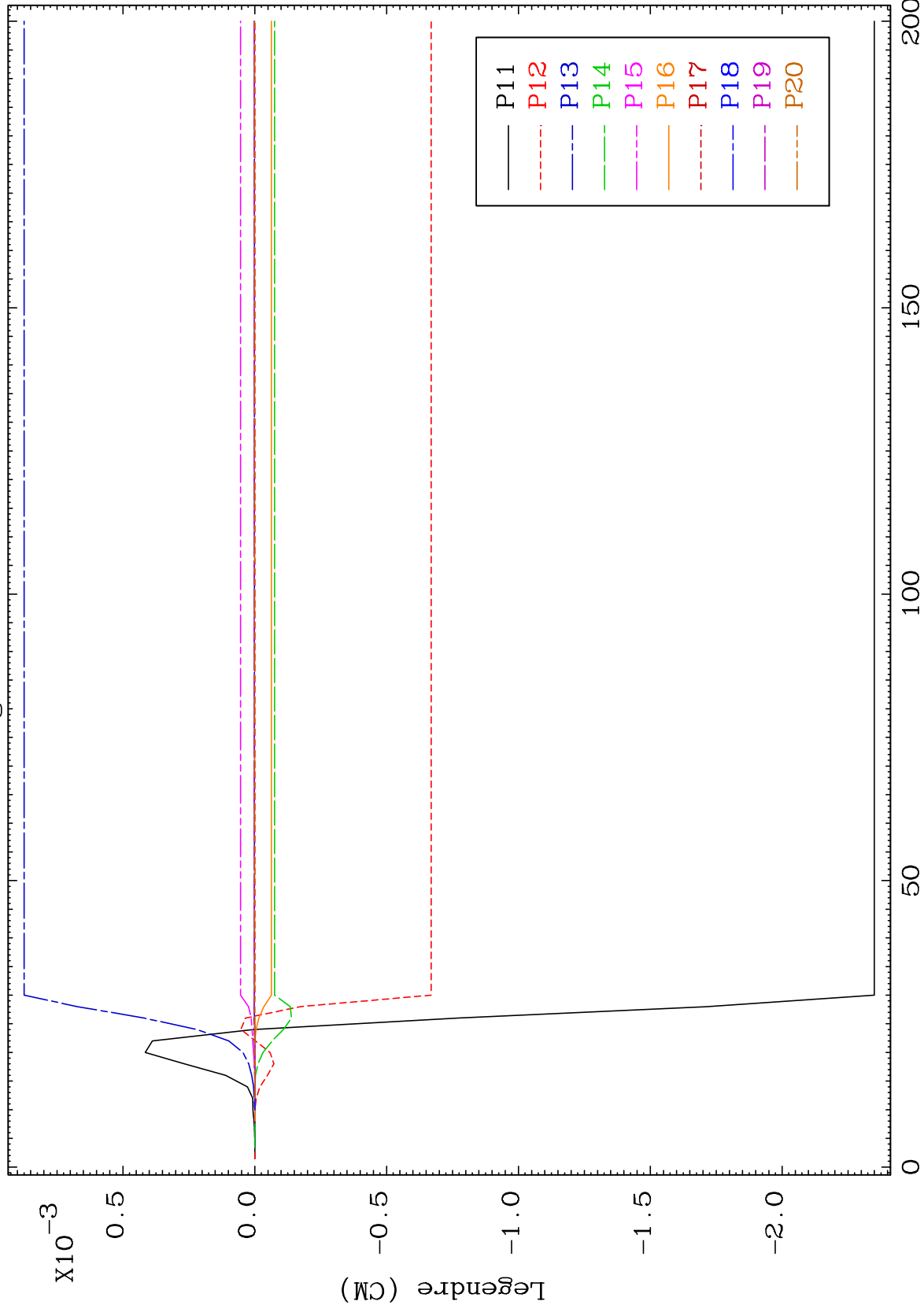




MAT 5610

1.428 MeV (n,n') Level
Legendre Coefficients

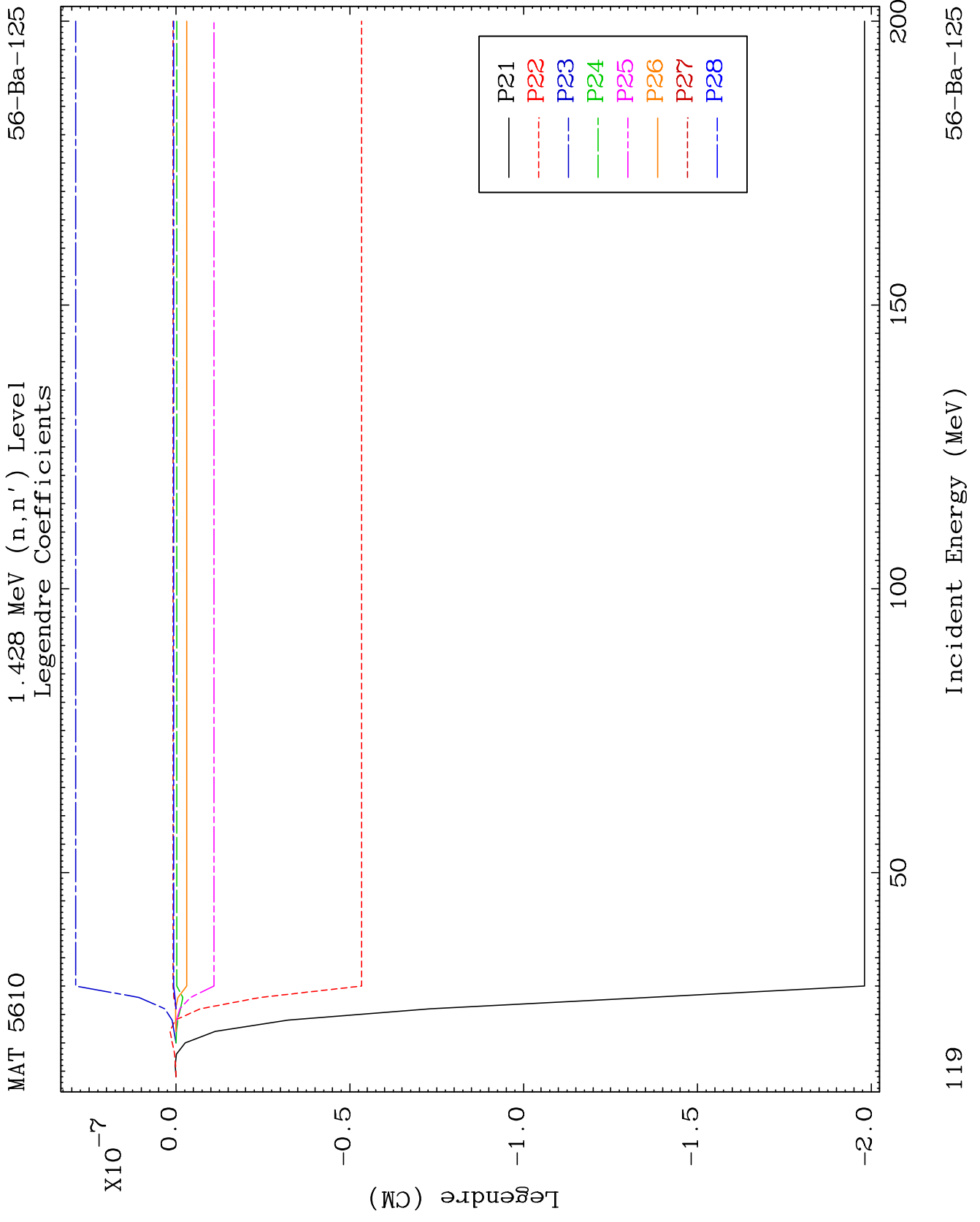
56-Ba-125

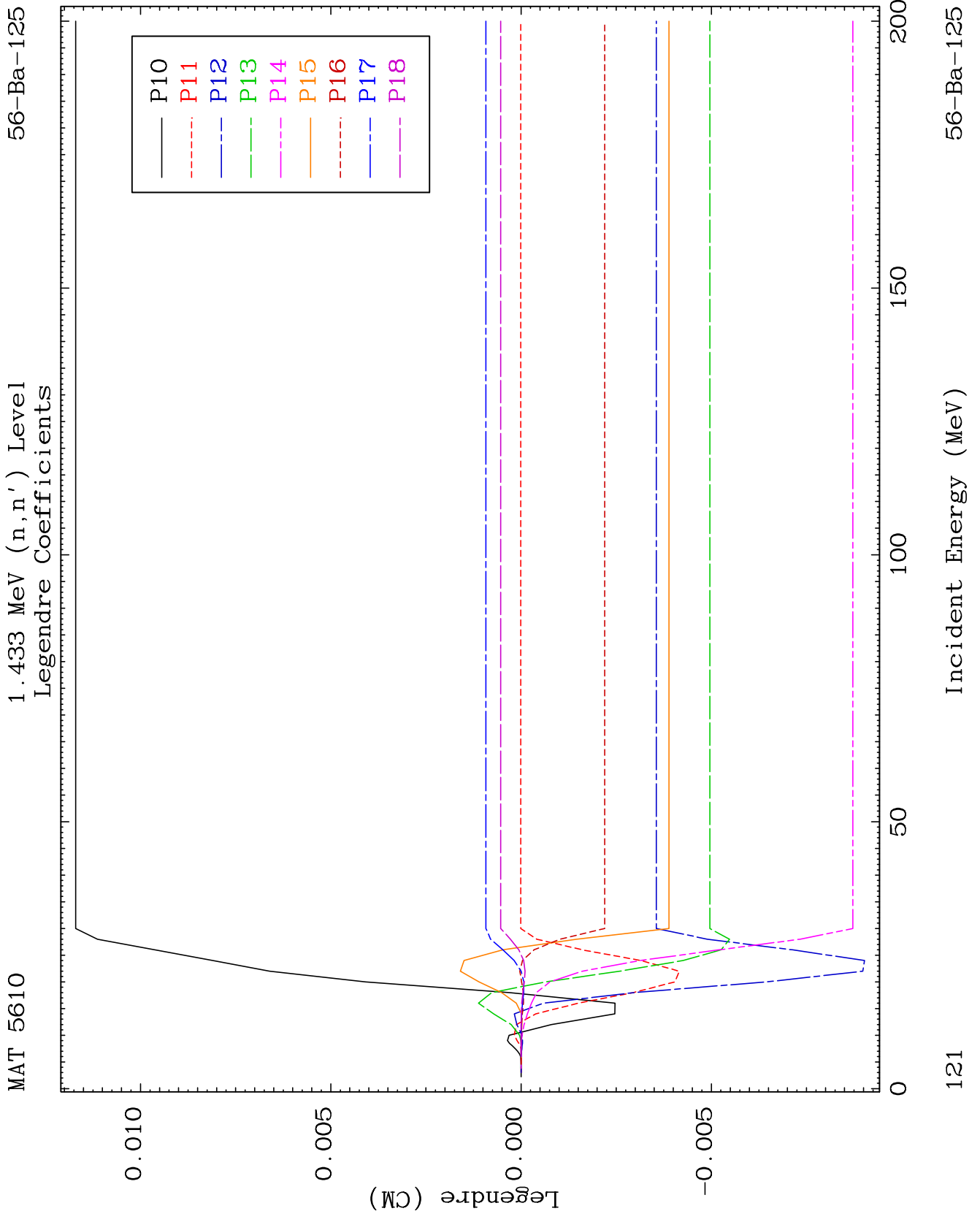


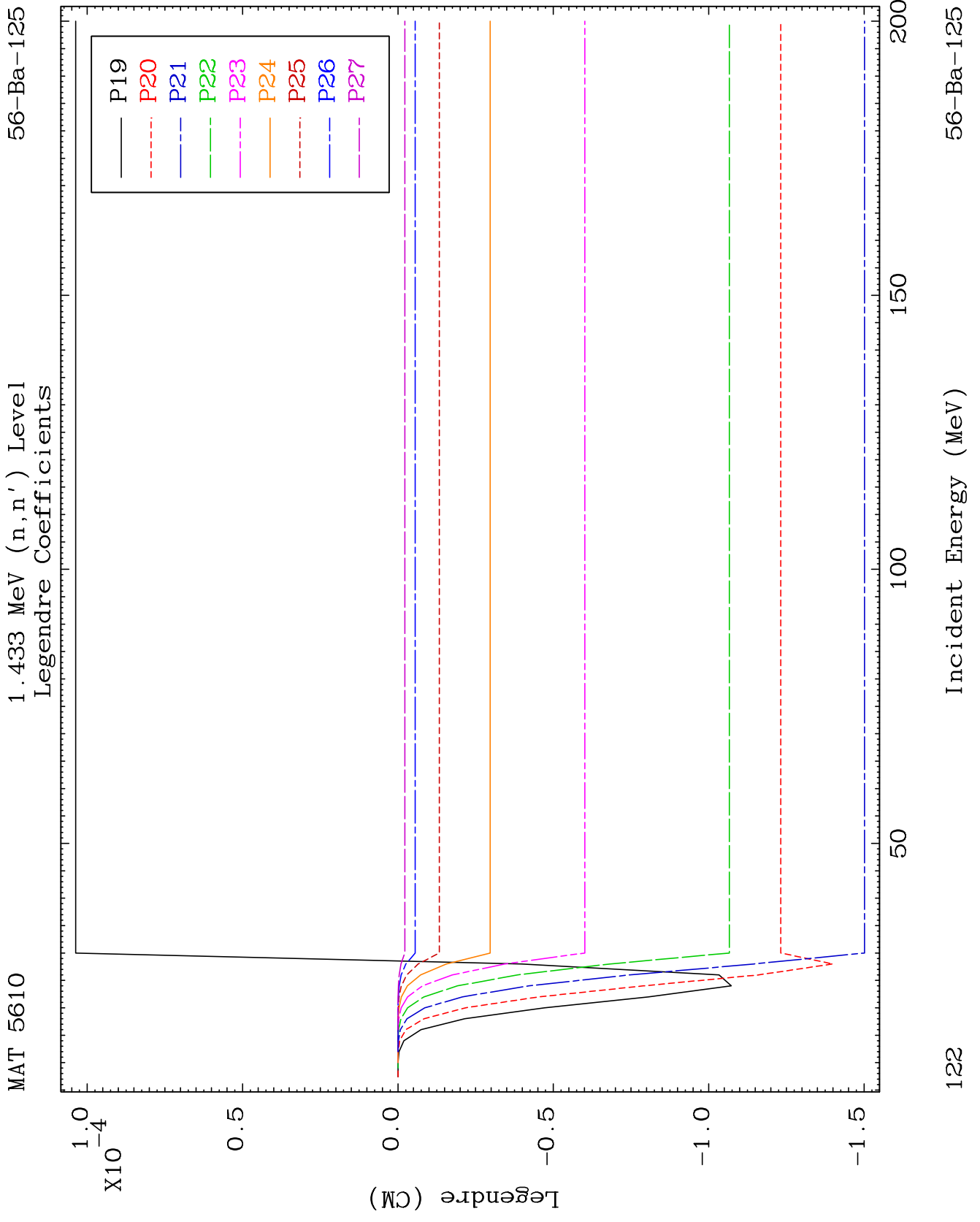
118

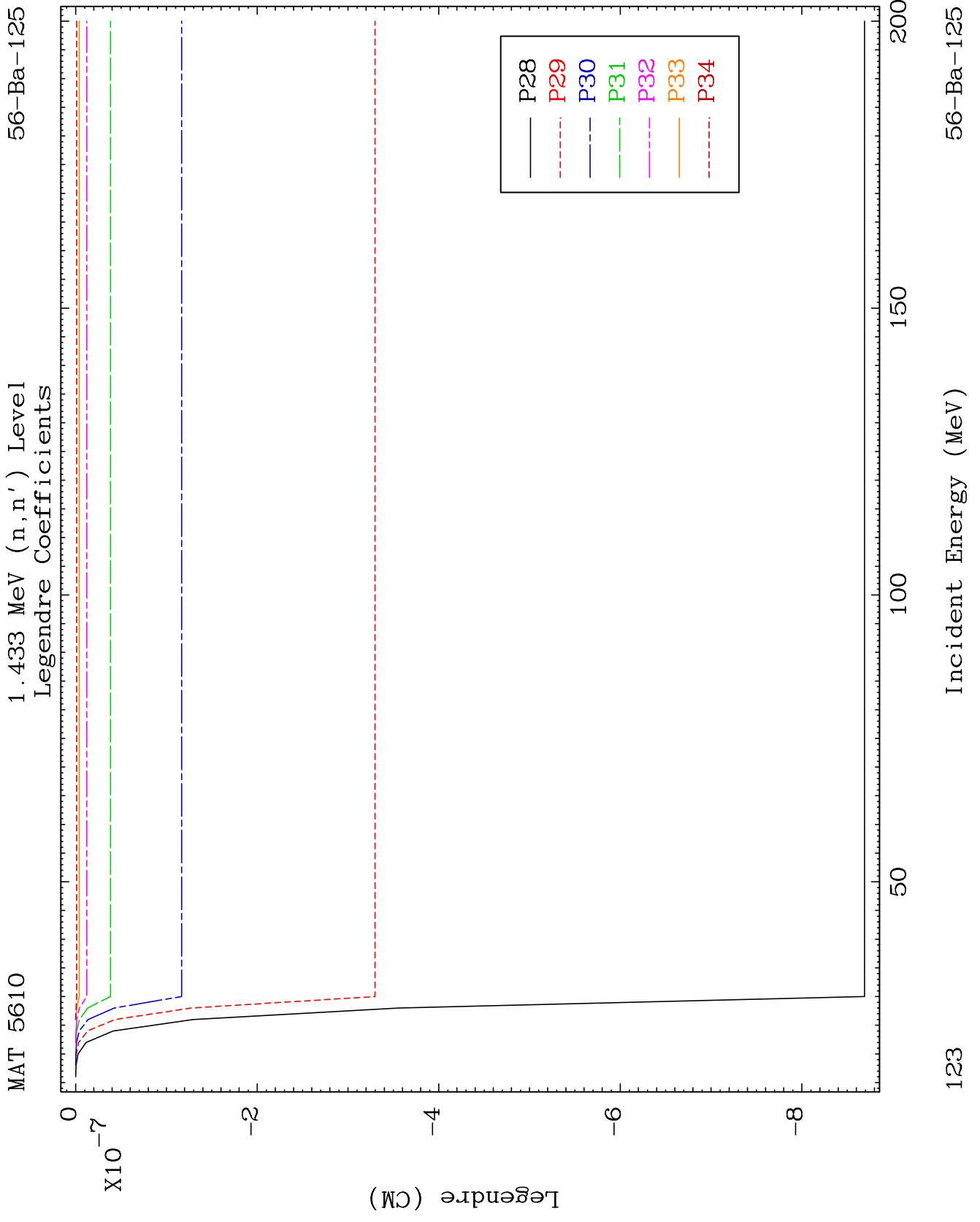
Incident Energy (MeV)

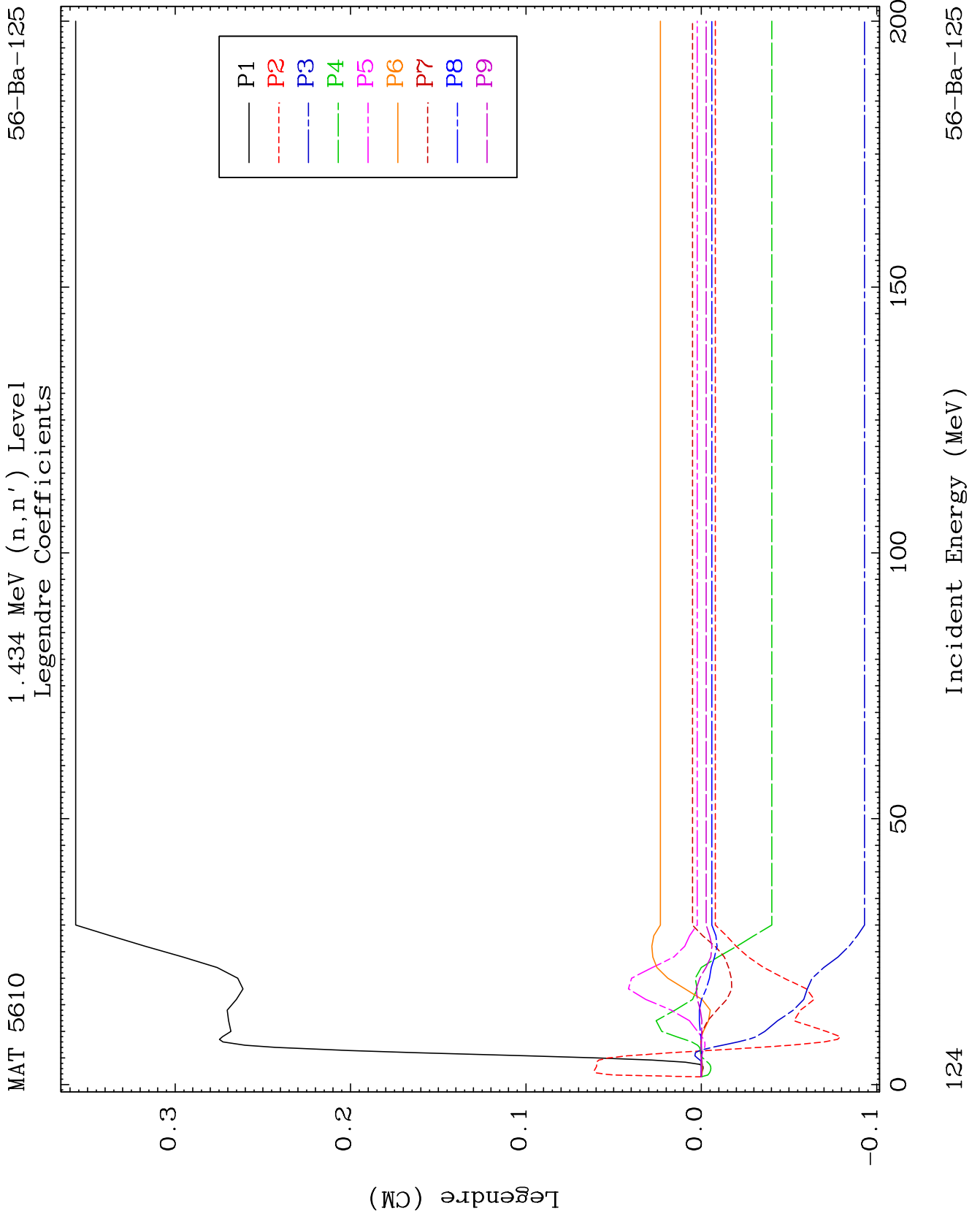
56-Ba-125

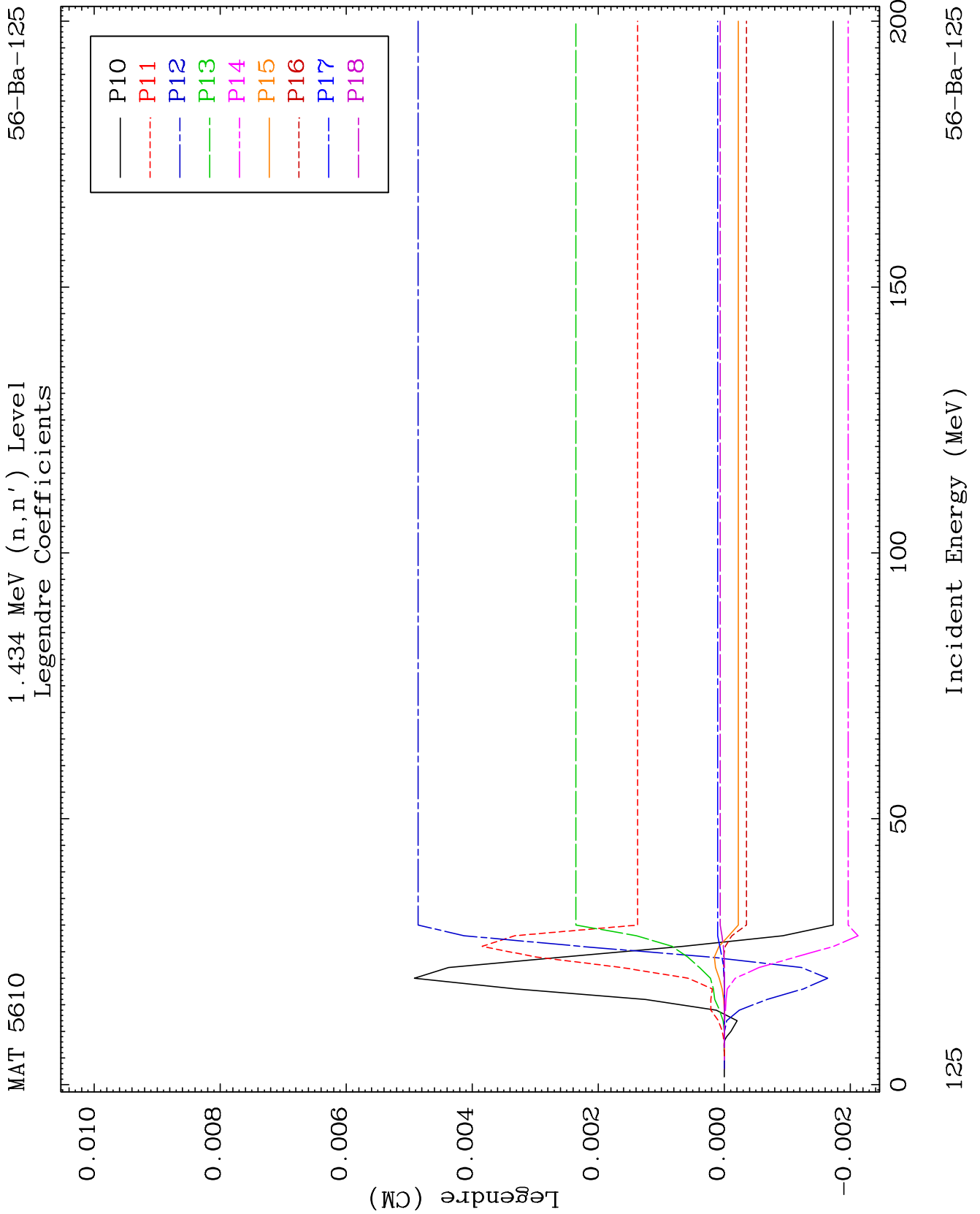


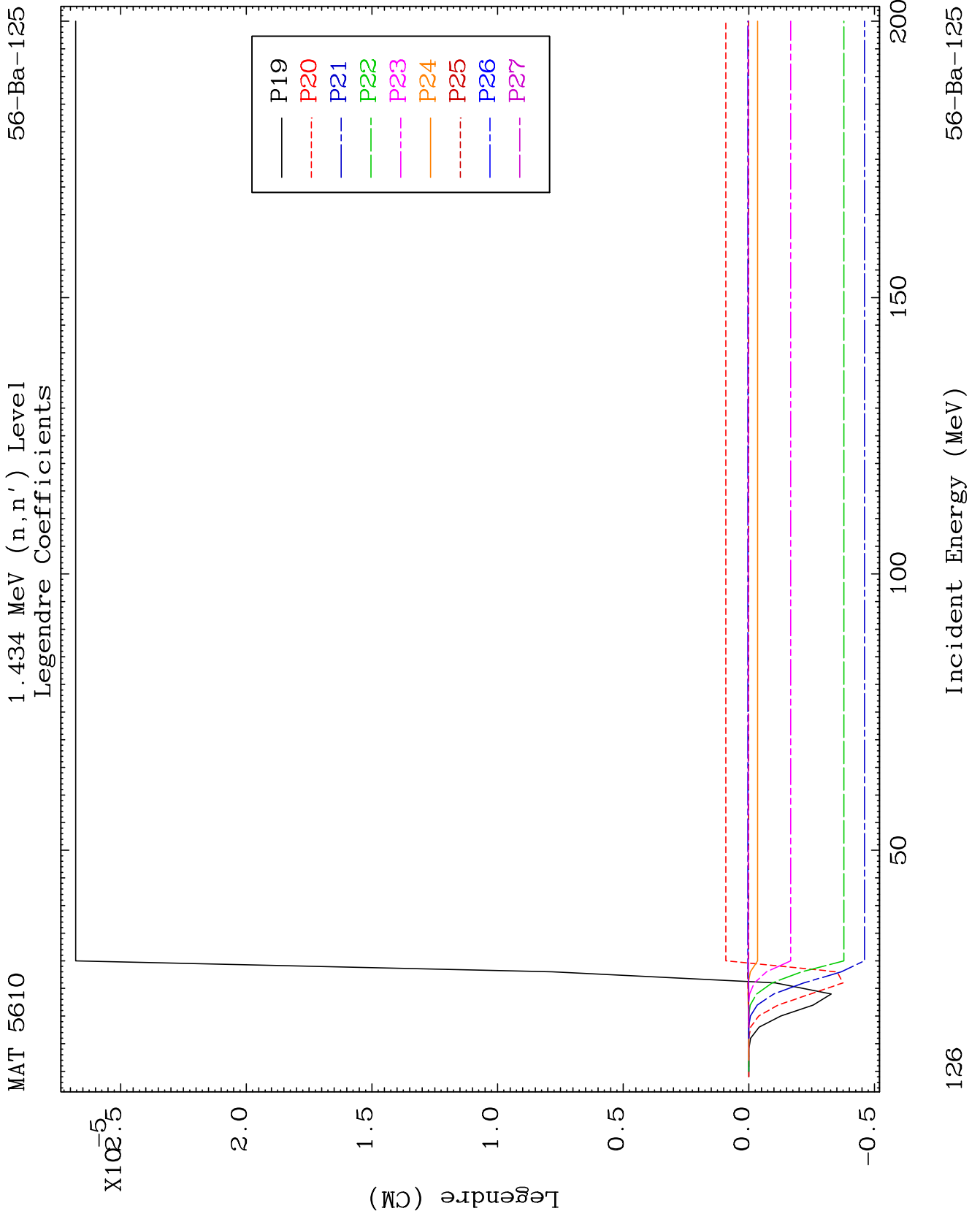


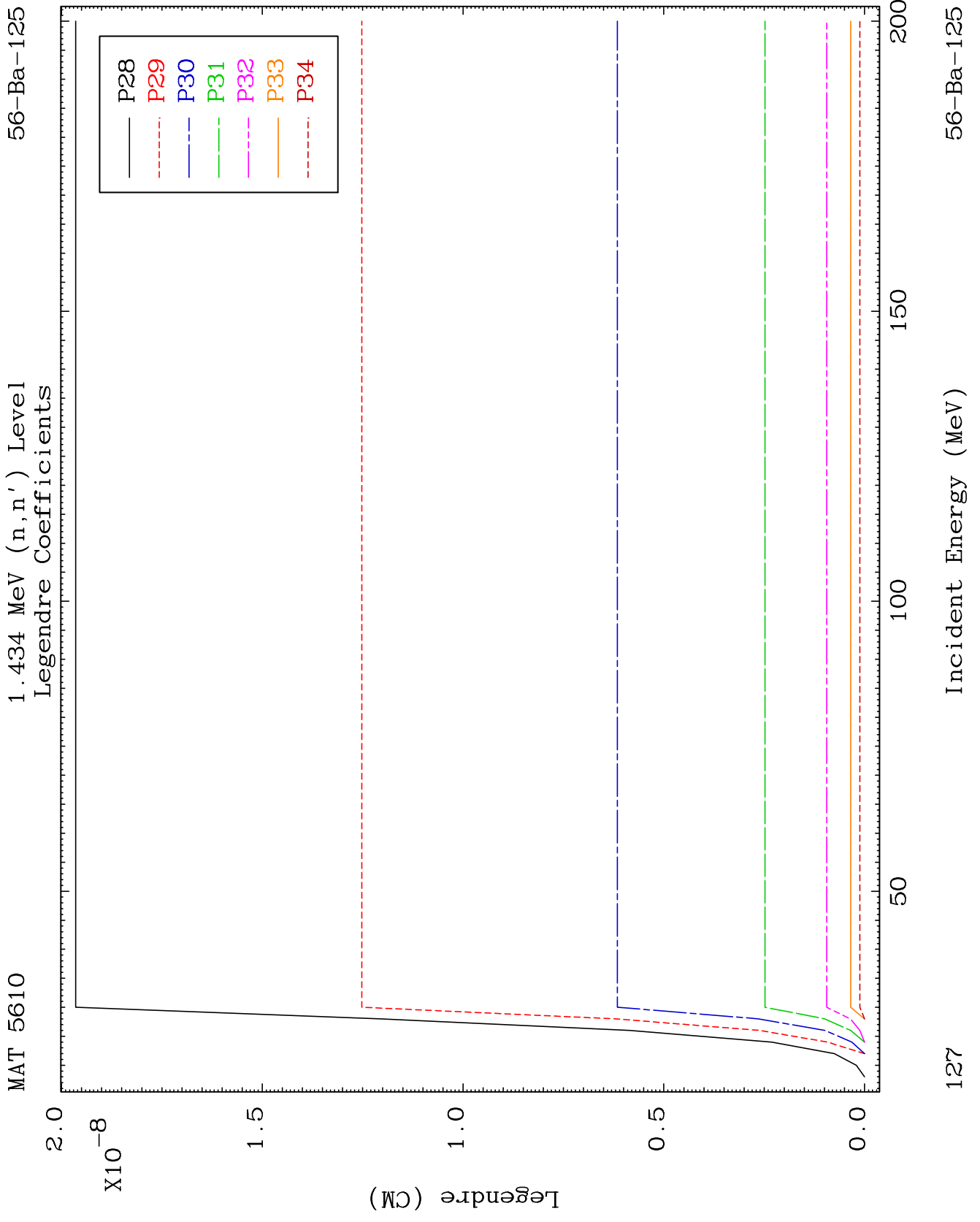


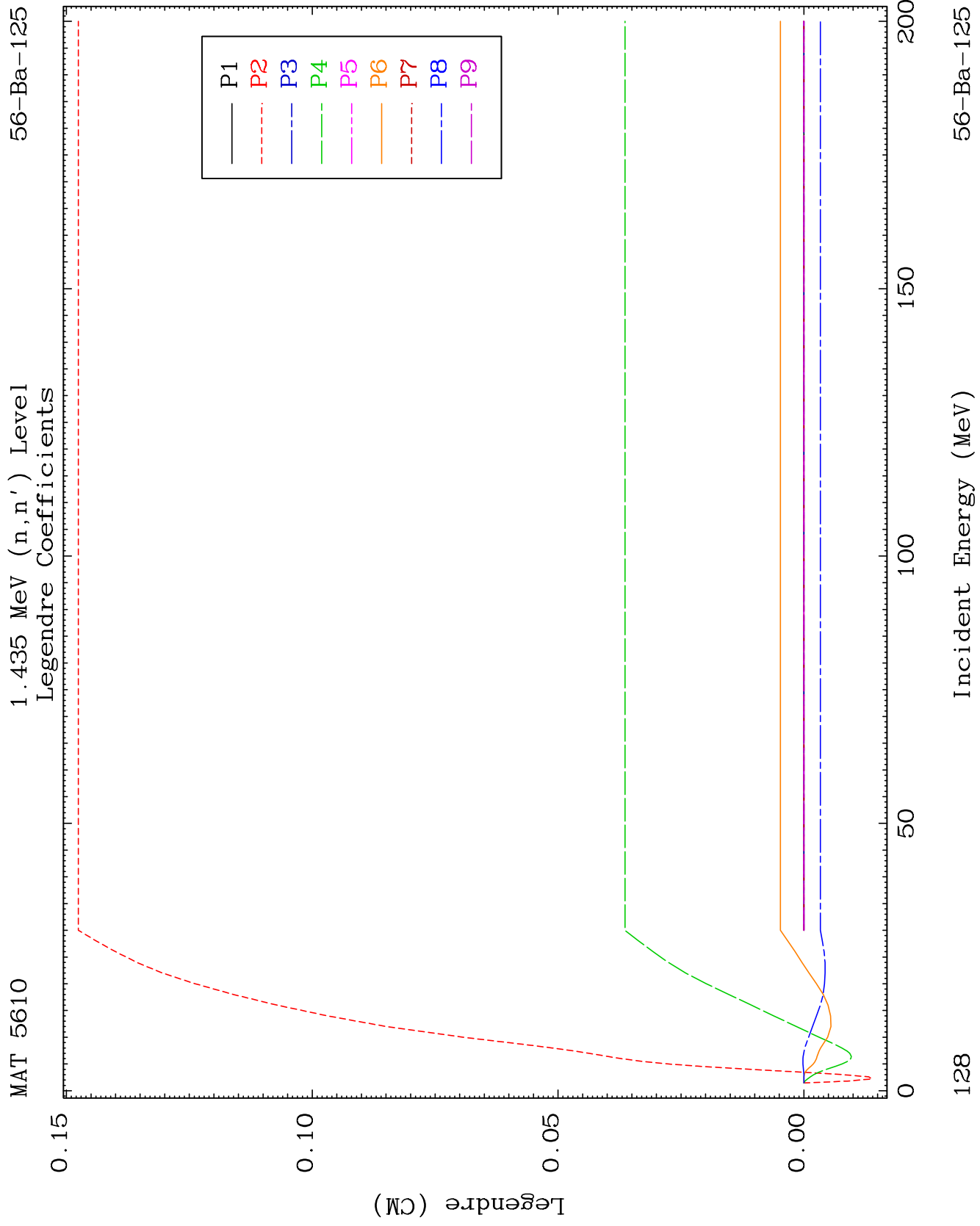


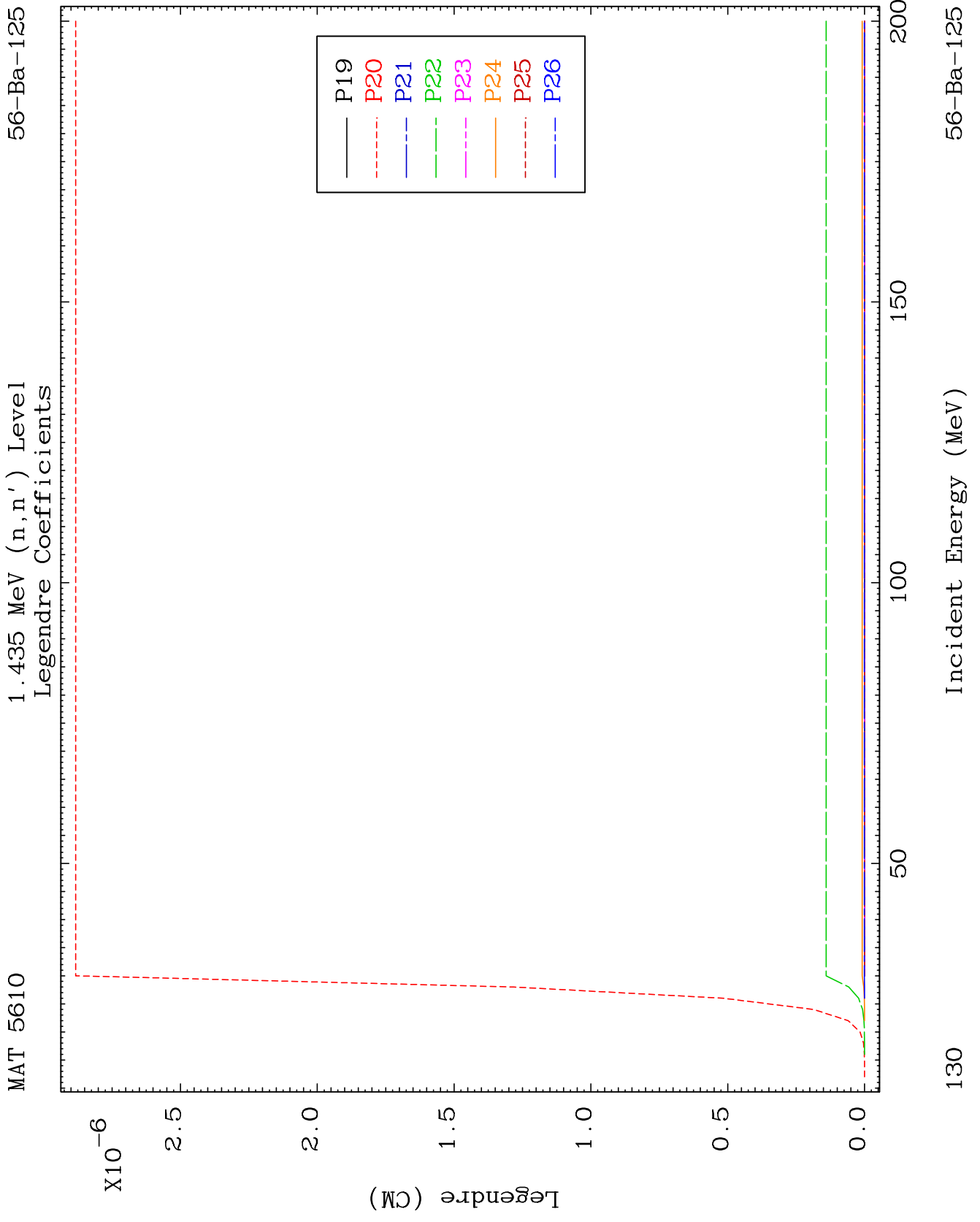










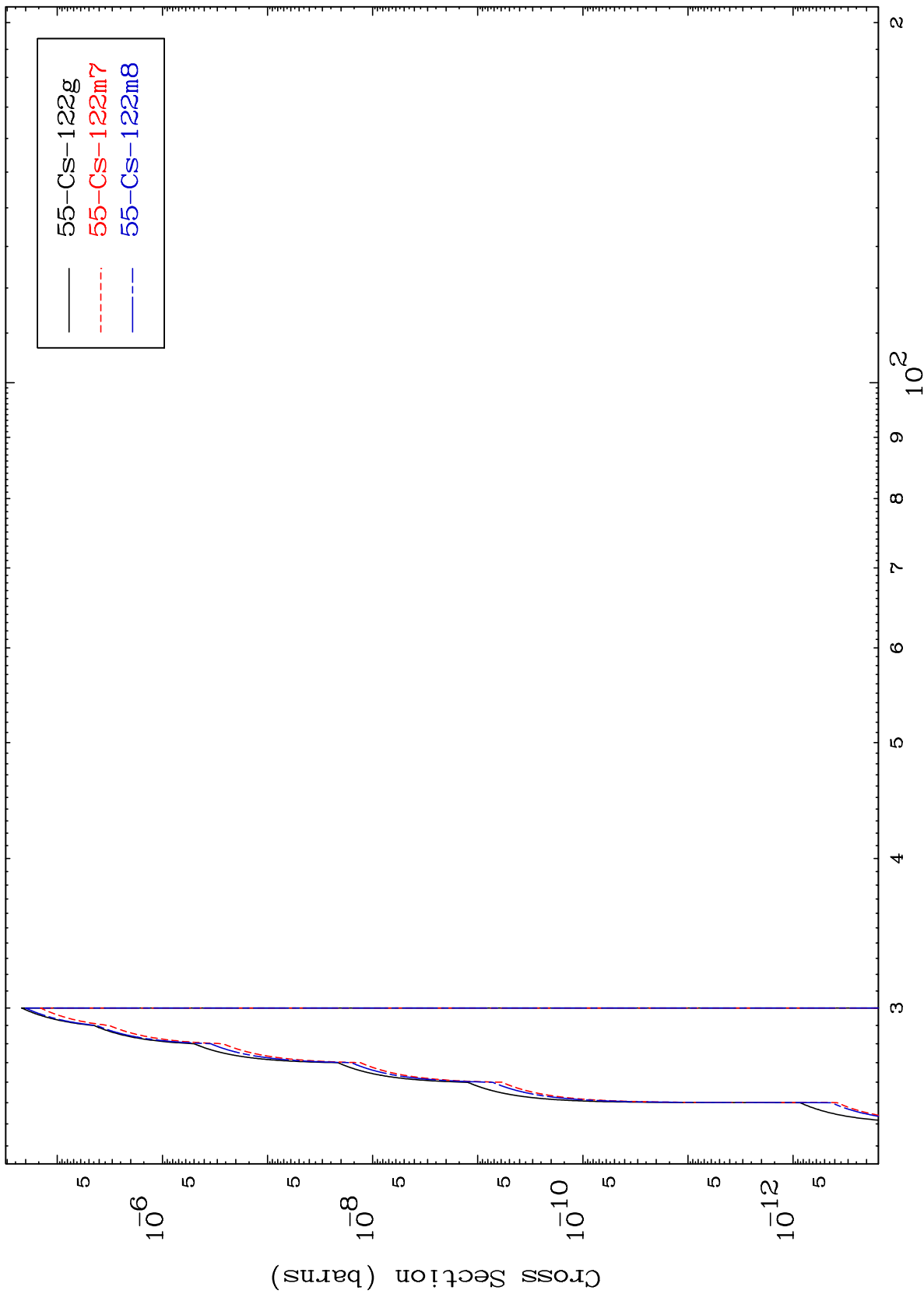


MAT 5610

(n,2n) d

56-Ba-125

Radionuclide Production Cross Section



131

Incident Energy (MeV)

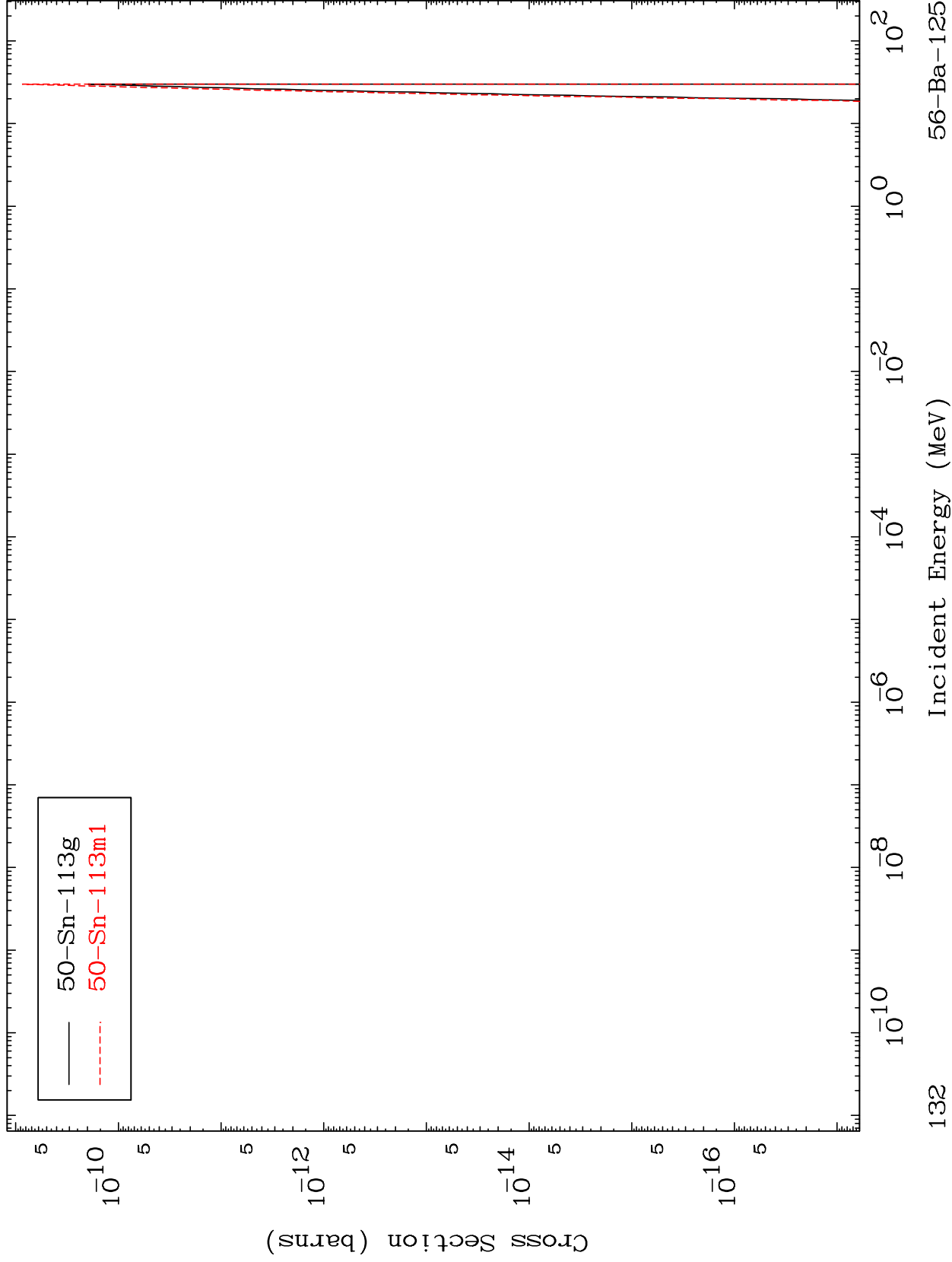
56-Ba-125

MAT 5610

(n,n') 3 α

56-Ba-125

Radionuclide Production Cross Section



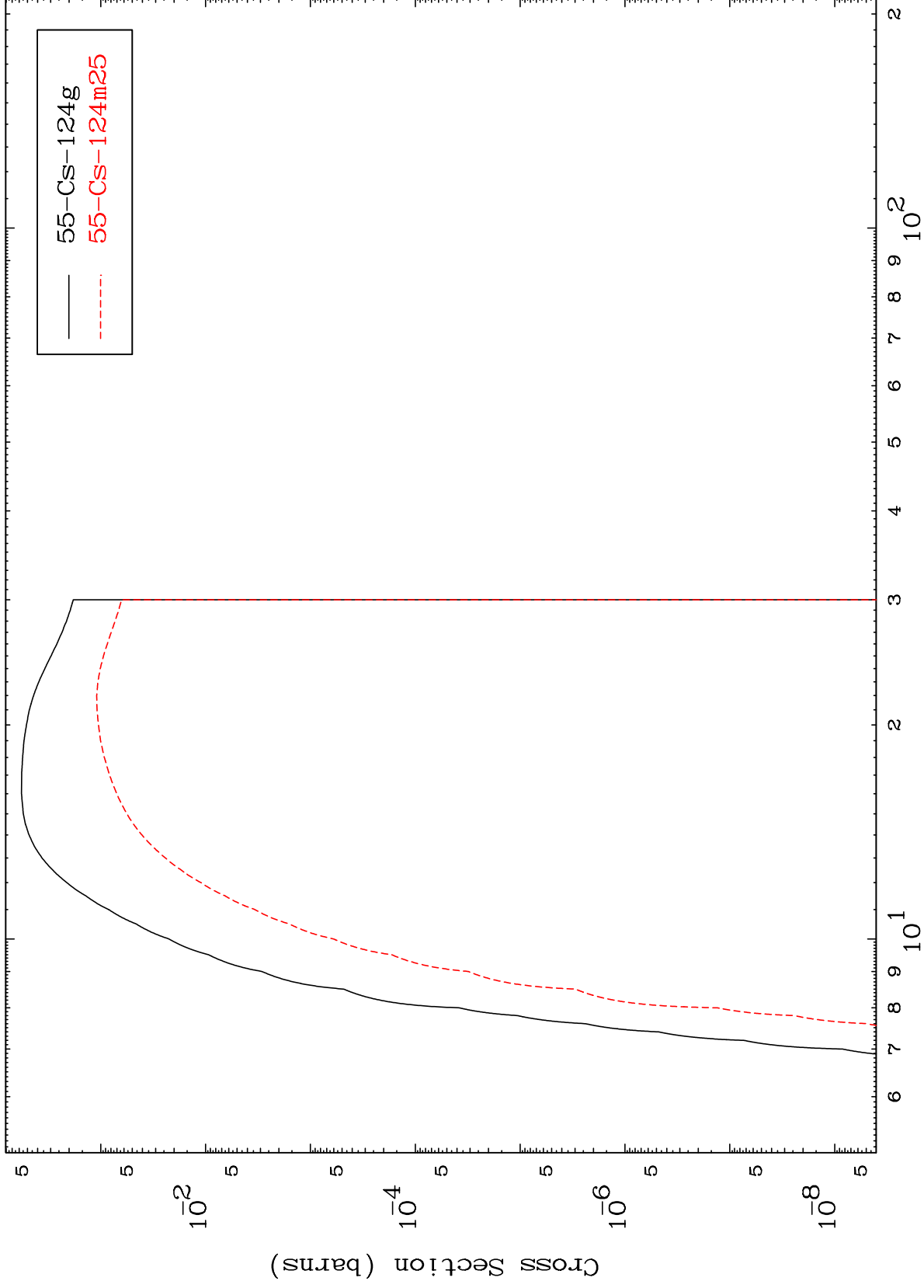
132

MAT 5610

(n,n') p

56-Ba-125

Radionuclide Production Cross Section



133

Incident Energy (MeV)

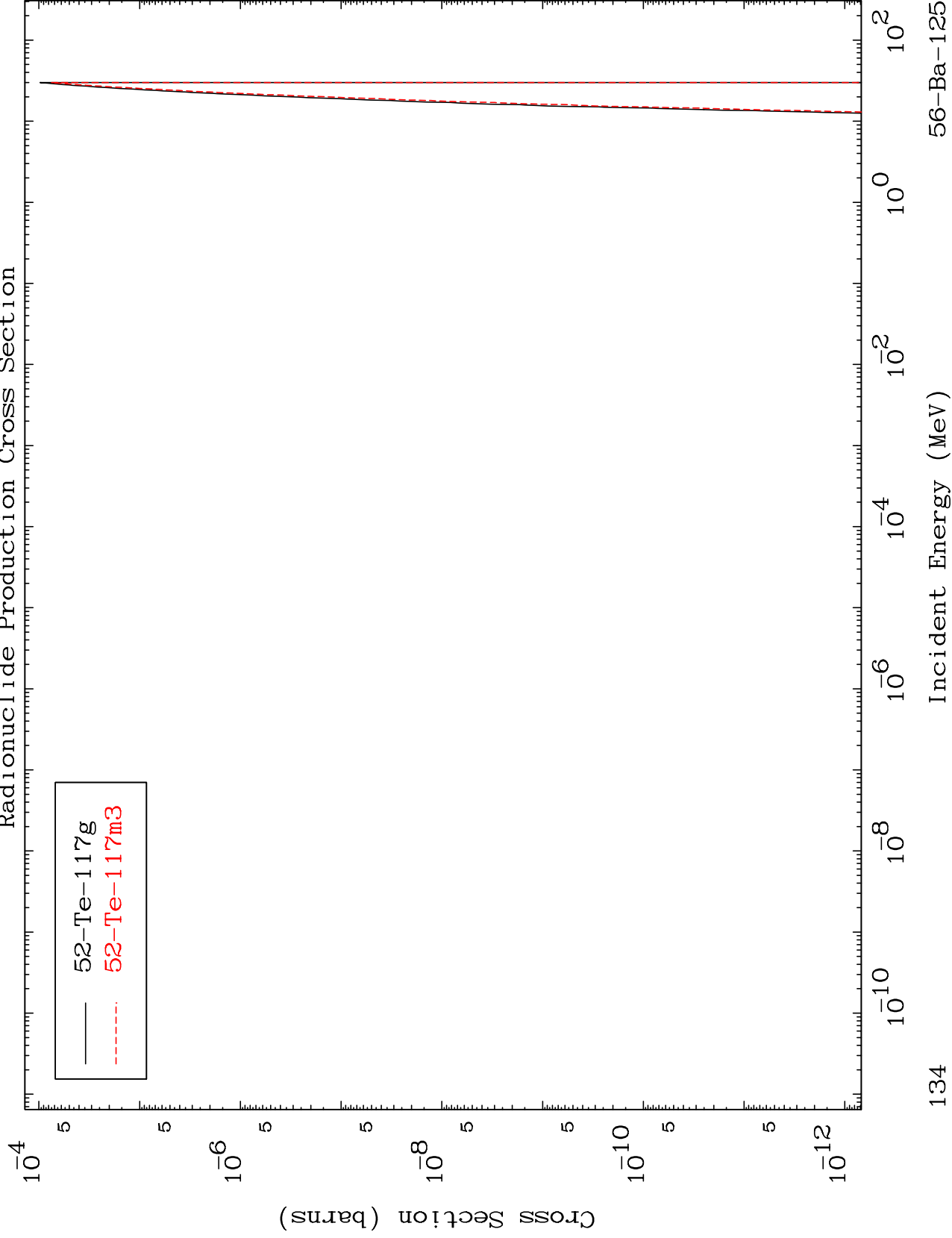
56-Ba-125

MAT 5610

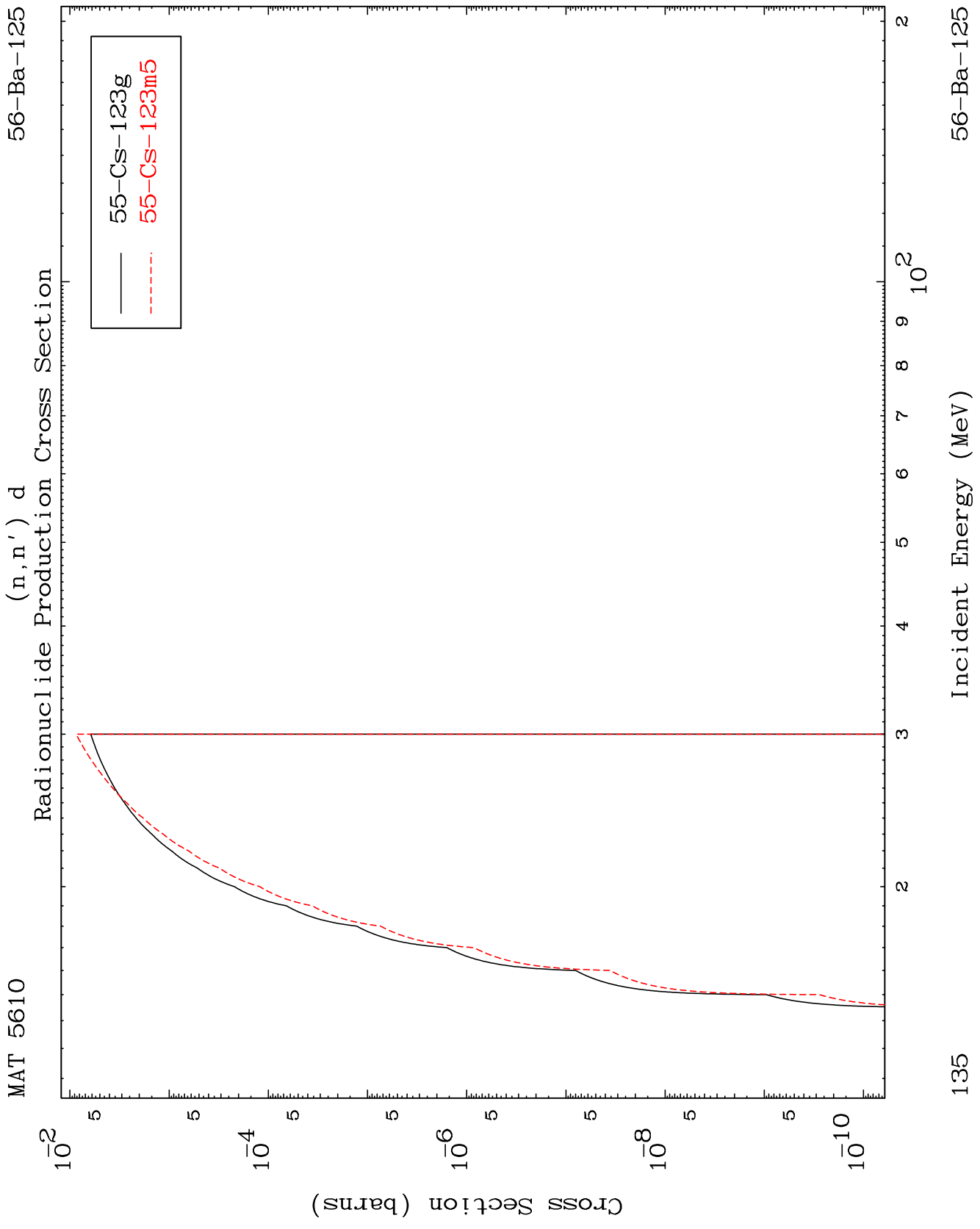
(n,n') 2α

56-Ba-125

Radionuclide Production Cross Section



134

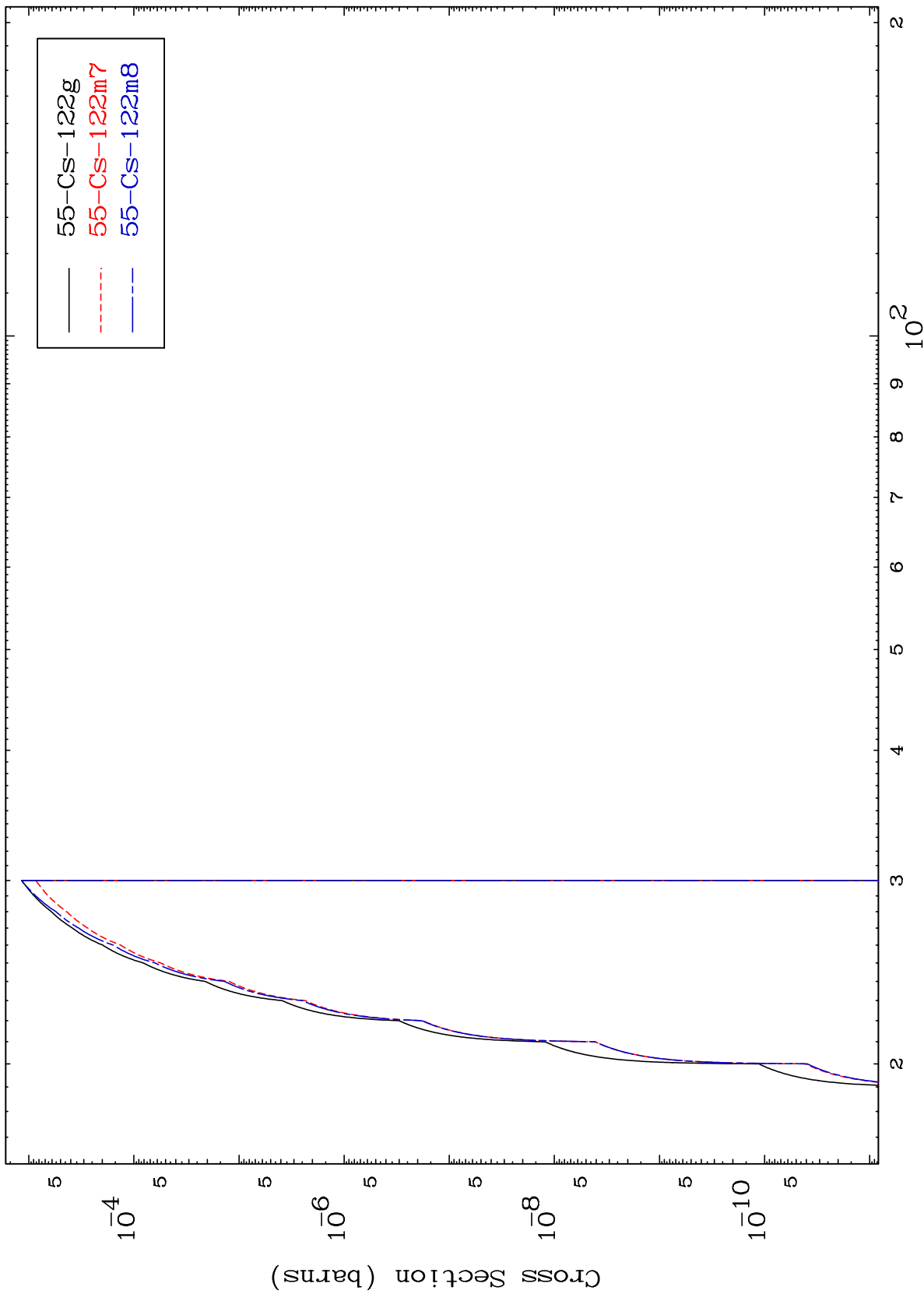


MAT 5610

(n,n') t

56-Ba-125

Radionuclide Production Cross Section



136

Incident Energy (MeV)

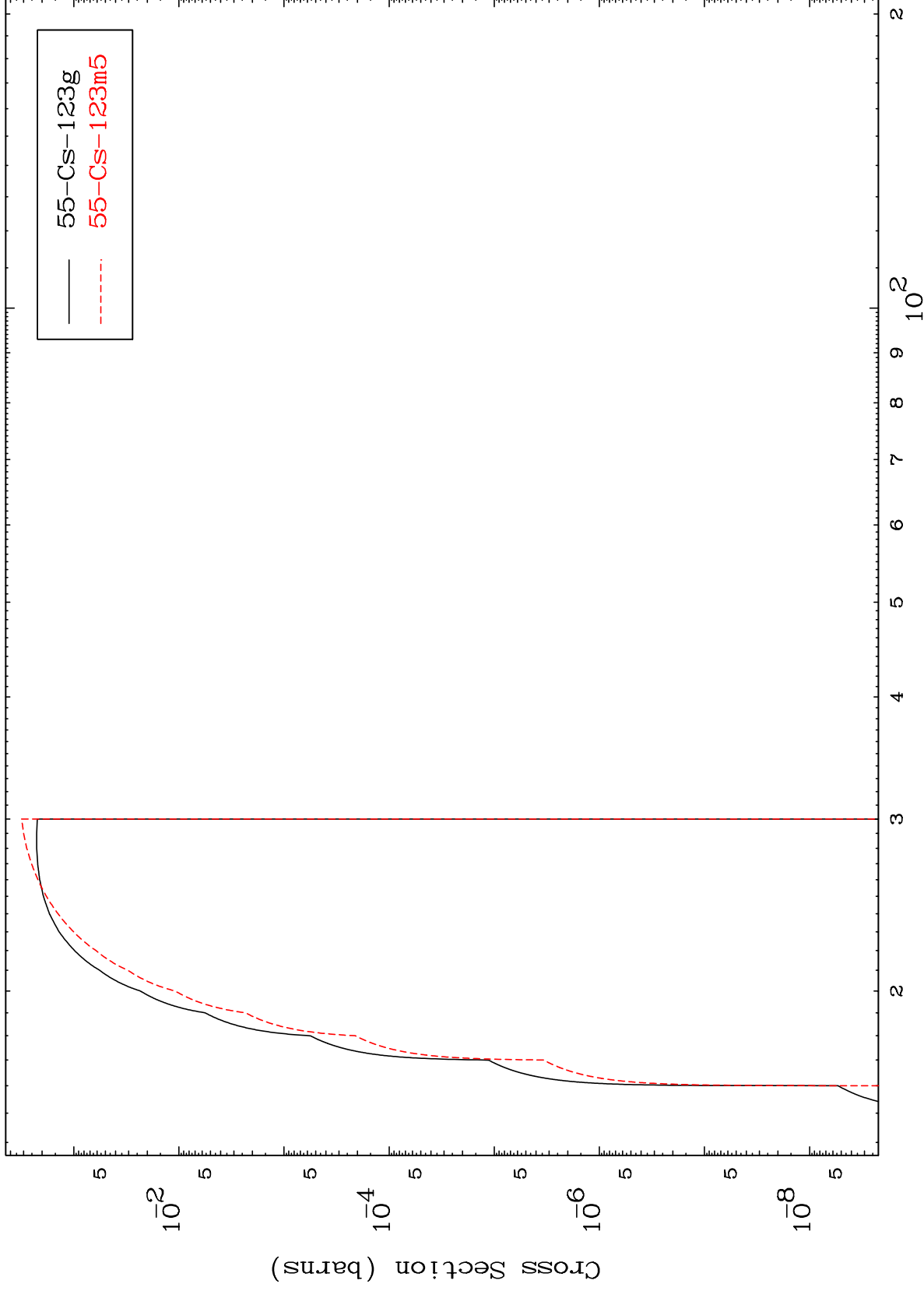
56-Ba-125

MAT 5610

(n,2n) p

56-Ba-125

Radionuclide Production Cross Section



137

Incident Energy (MeV)

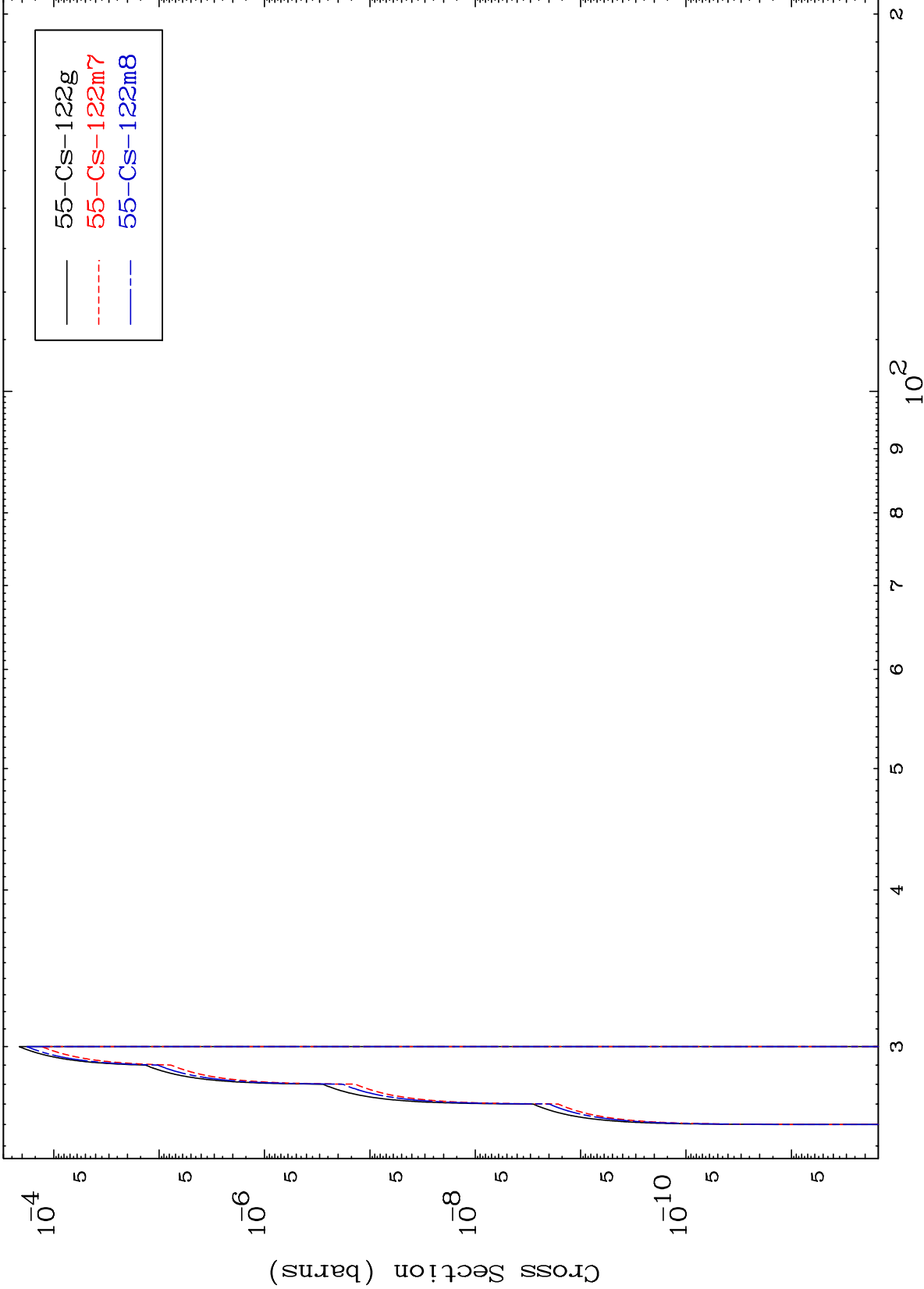
56-Ba-125

MAT 5610

(n,3n) p

56-Ba-125

Radionuclide Production Cross Section



138

Incident Energy (MeV)

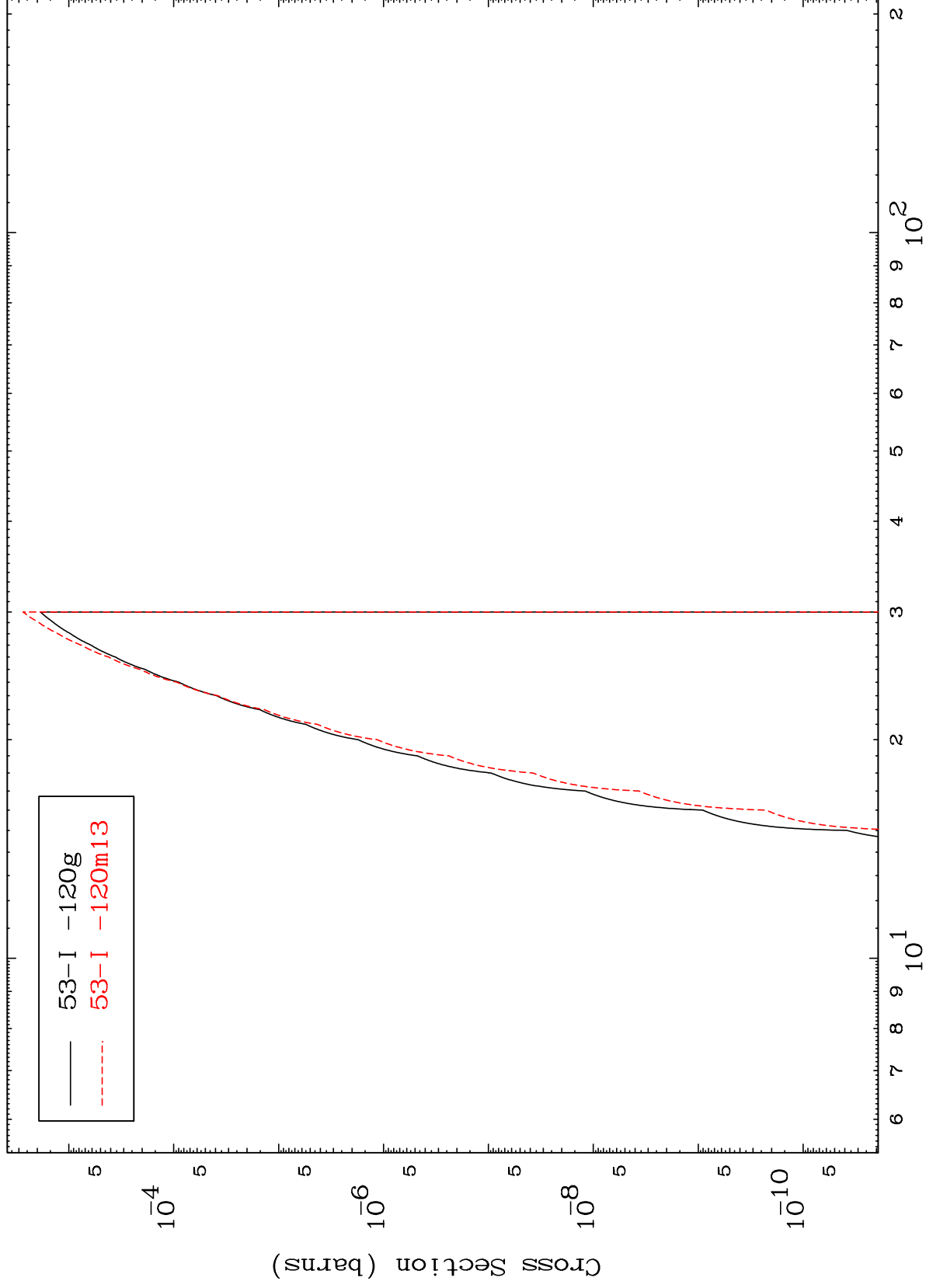
56-Ba-125

MAT 5610

(n,n') p α

56-Ba-125

Radionuclide Production Cross Section



139

Incident Energy (MeV)

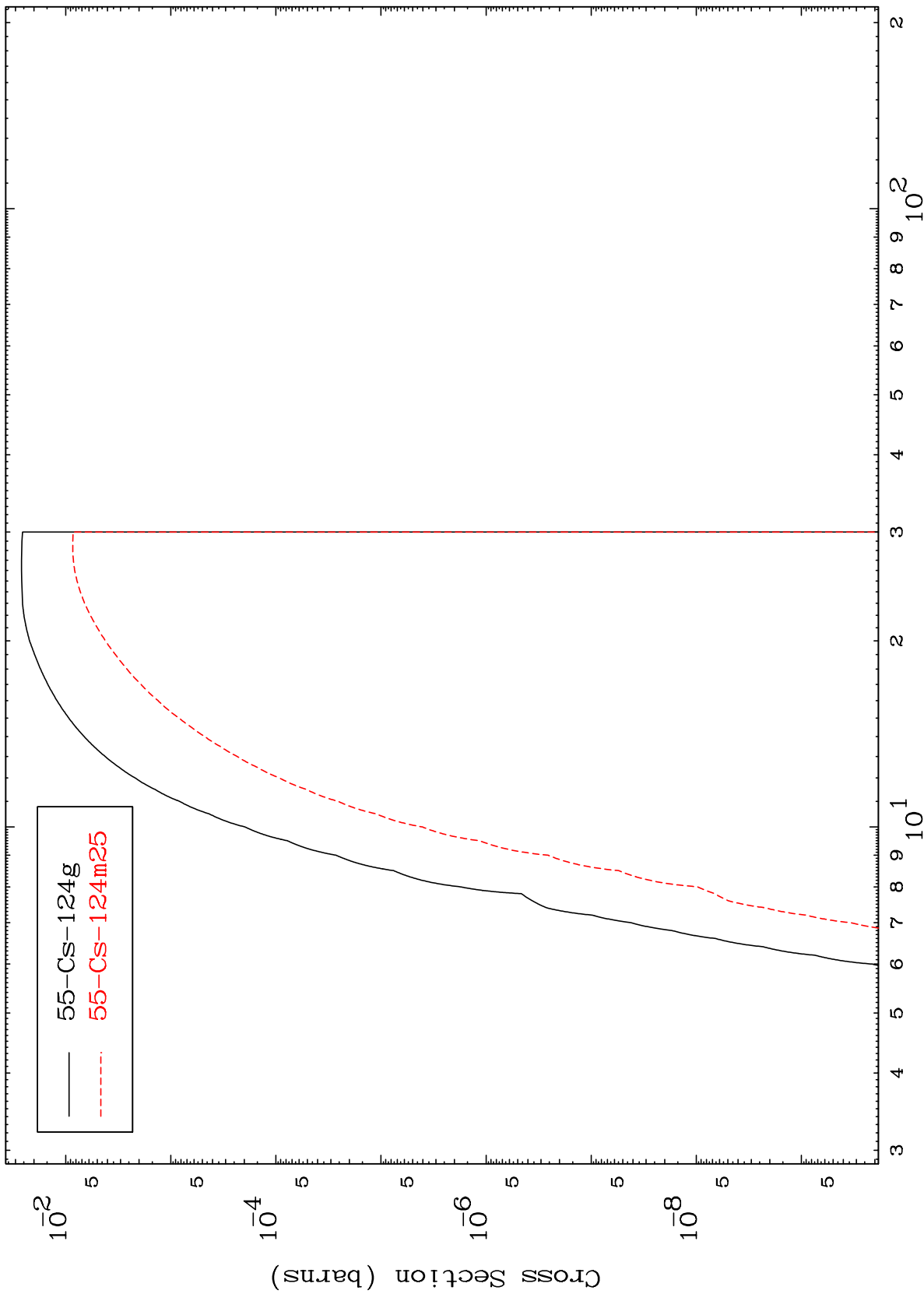
56-Ba-125

MAT 5610

(n,d)

56-Ba-125

Radionuclide Production Cross Section



140

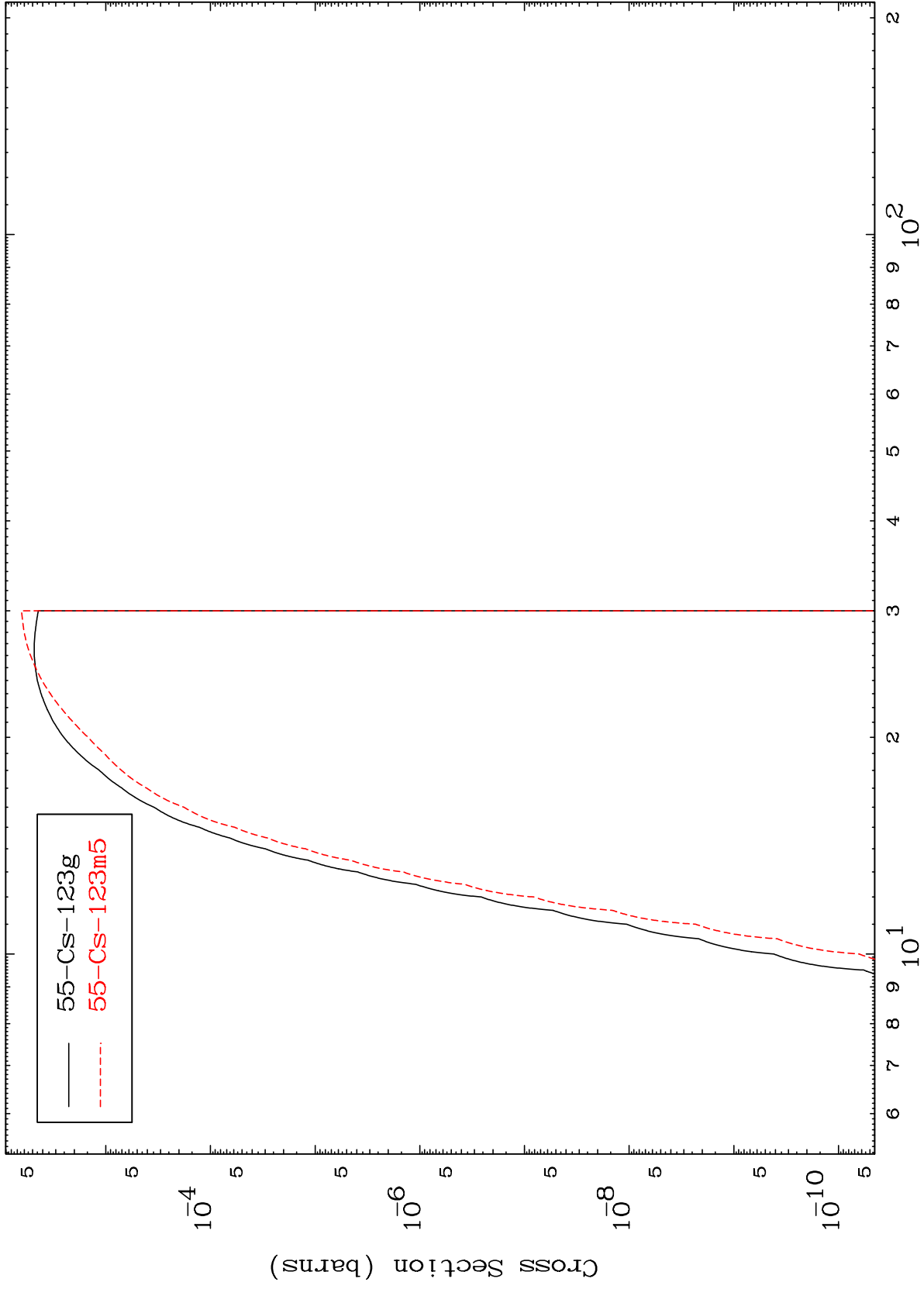
Incident Energy (MeV)

56-Ba-125

MAT 5610

56-Ba-125

(n, t)
Radionuclide Production Cross Section



141

56-Ba-125

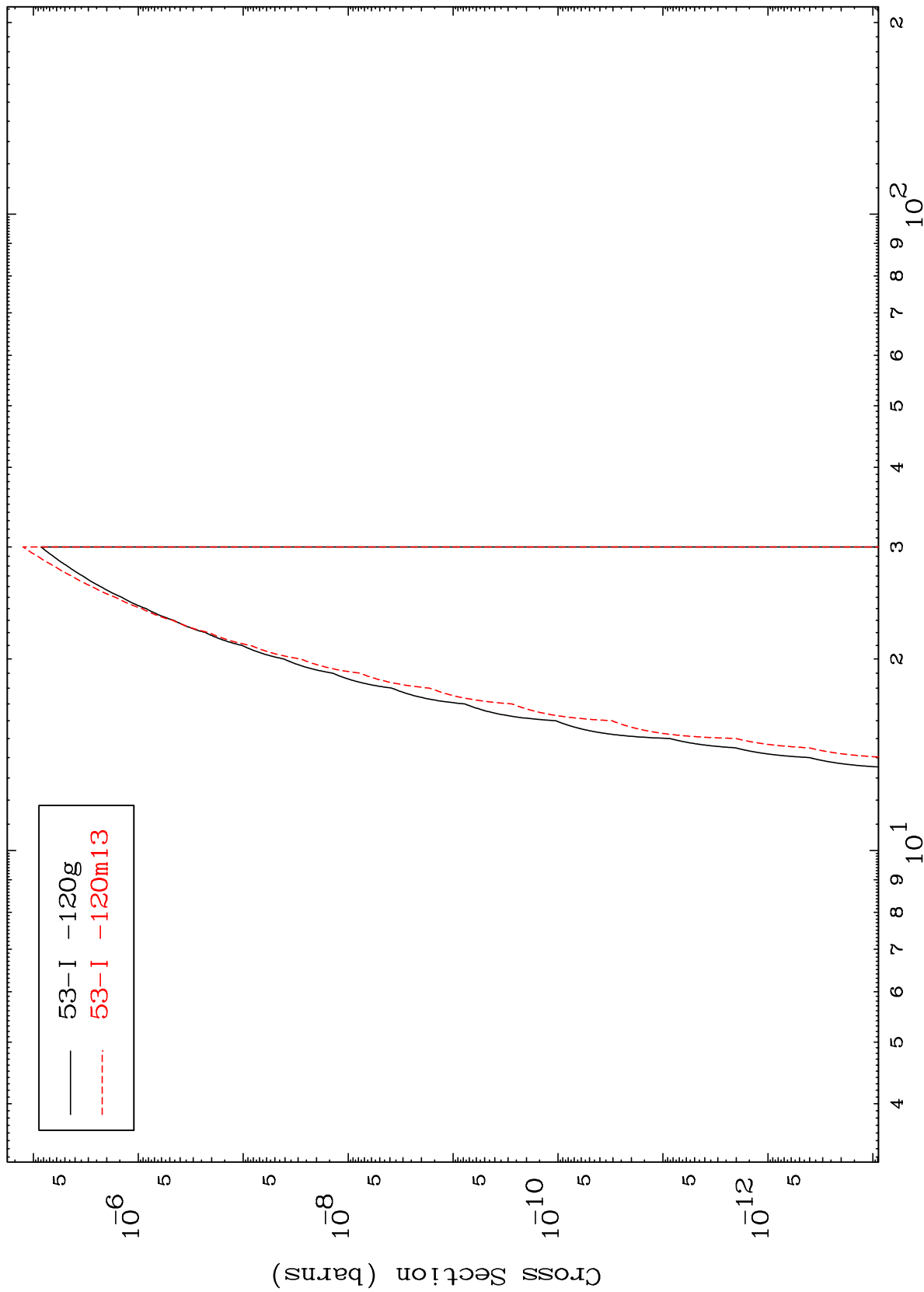
Incident Energy (MeV)

MAT 5610

(n,d) α

56-Ba-125

Radionuclide Production Cross Section



142

Incident Energy (MeV)

56-Ba-125