

Program EVALPLOT  
(Version 2015-2)

by

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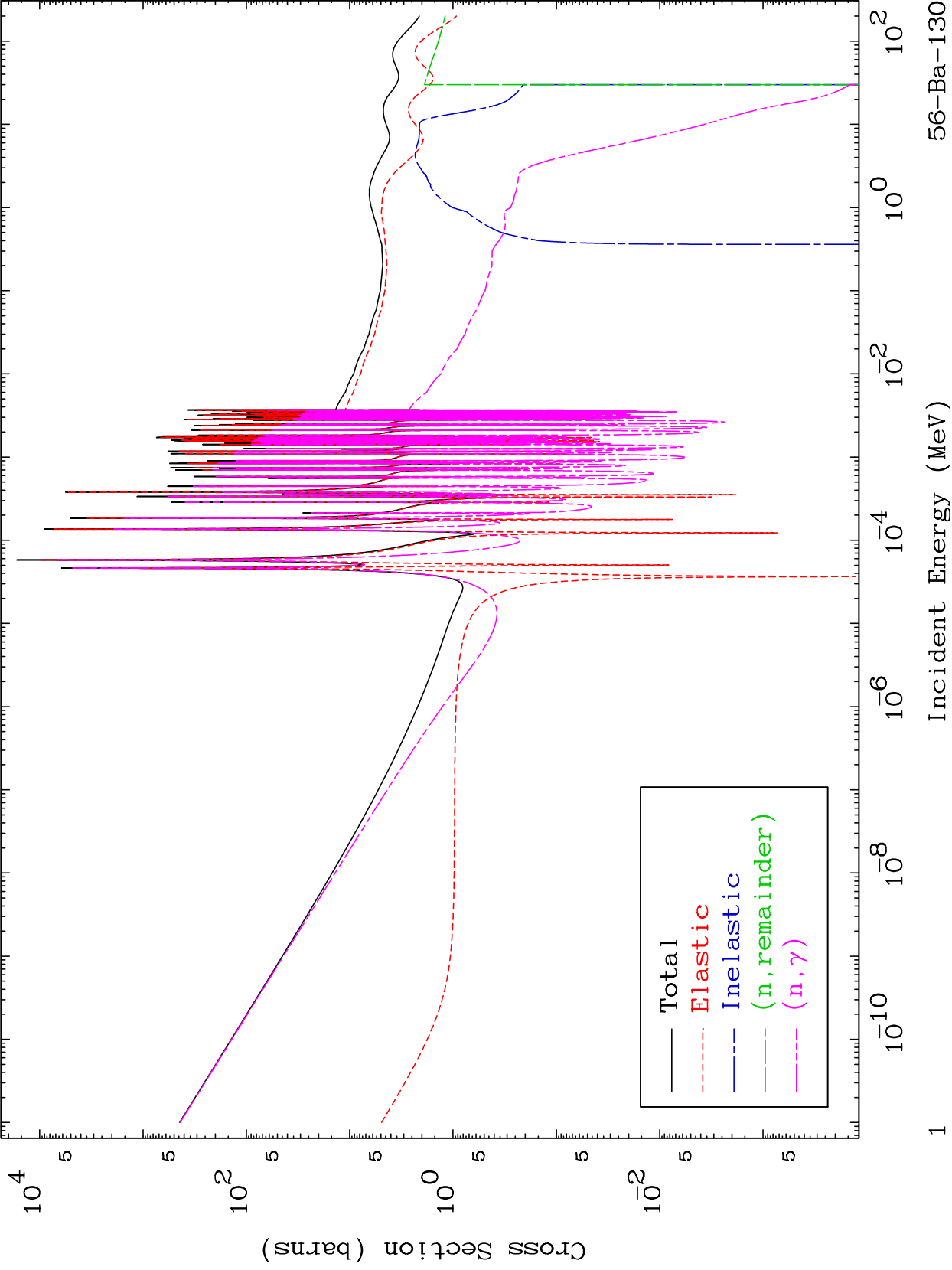
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5625

Major  
293 Kelvin Cross Sections

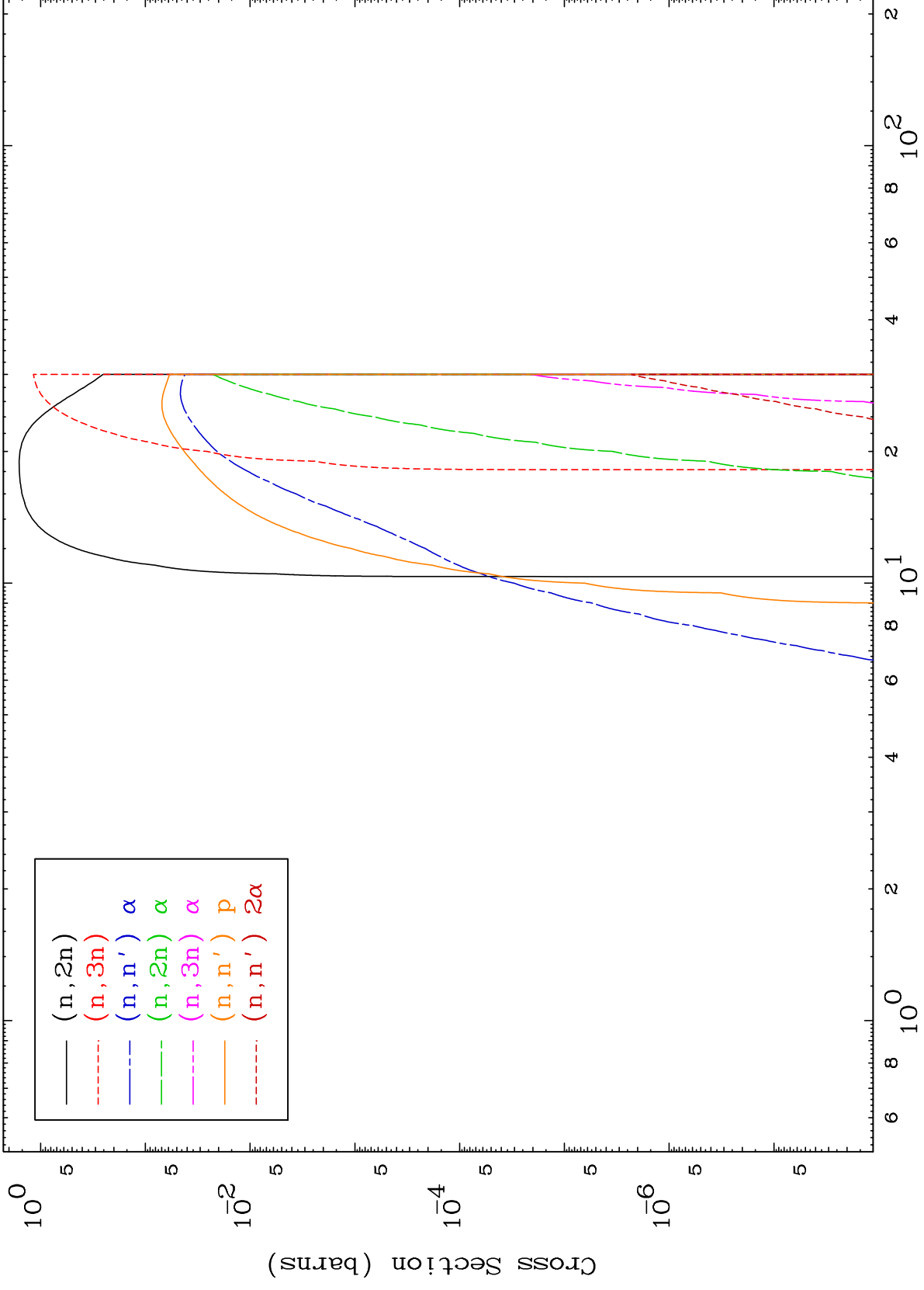
56-Ba-130

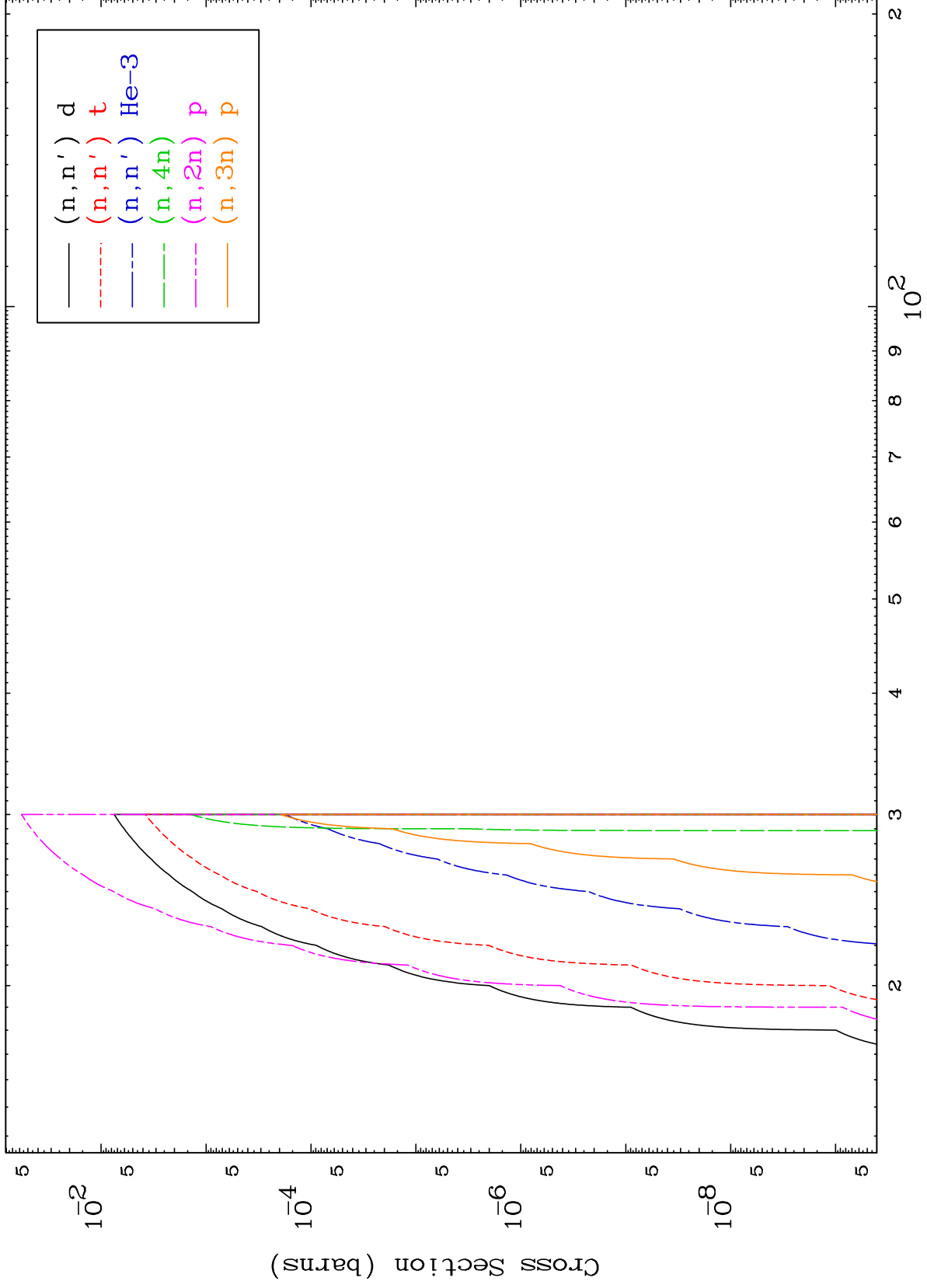


MAT 5625

Neutron Production  
293 Kelvin Cross Sections

56-Ba-130



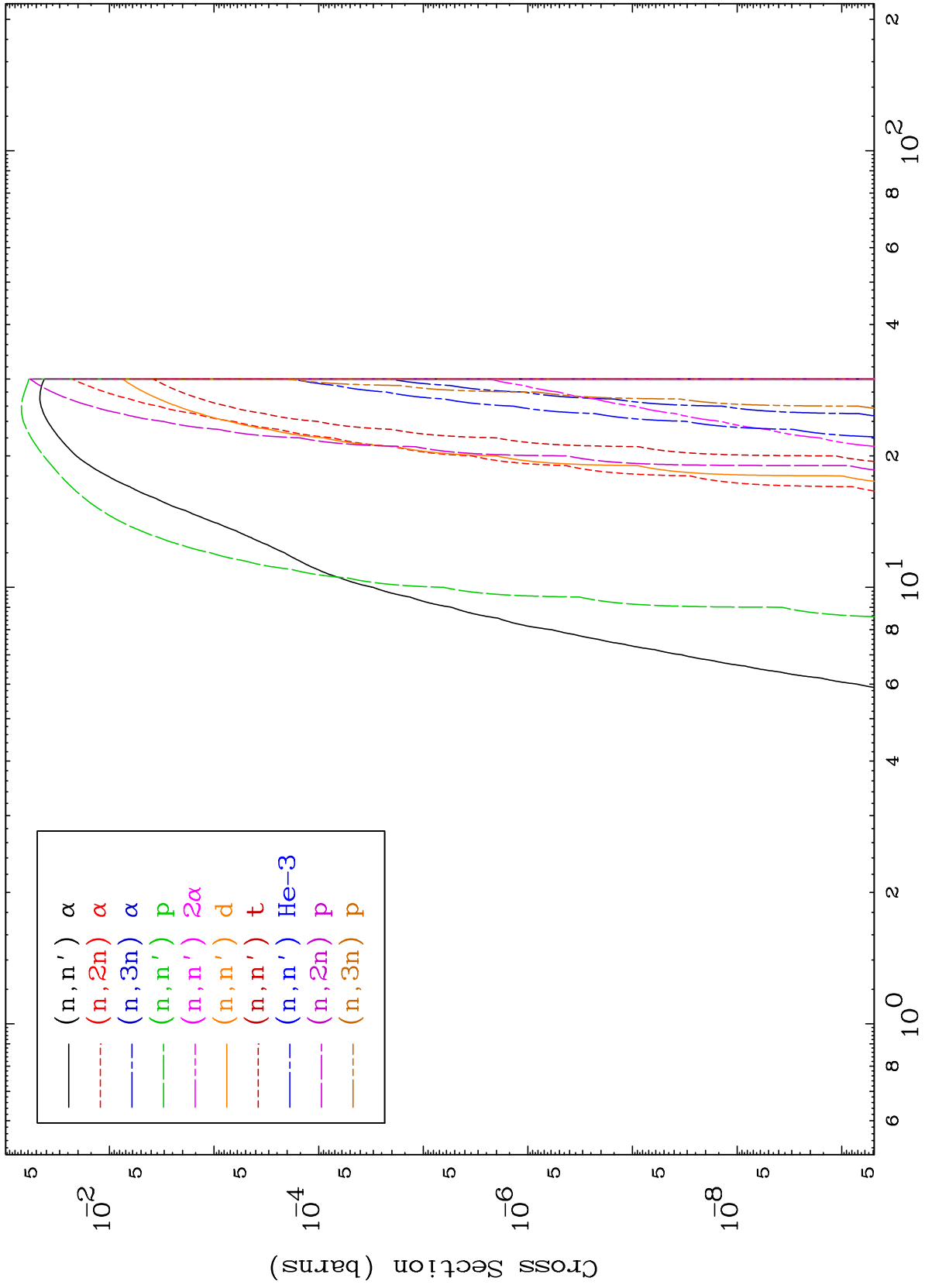


MAT 5625

Charged Particle

56-Ba-130

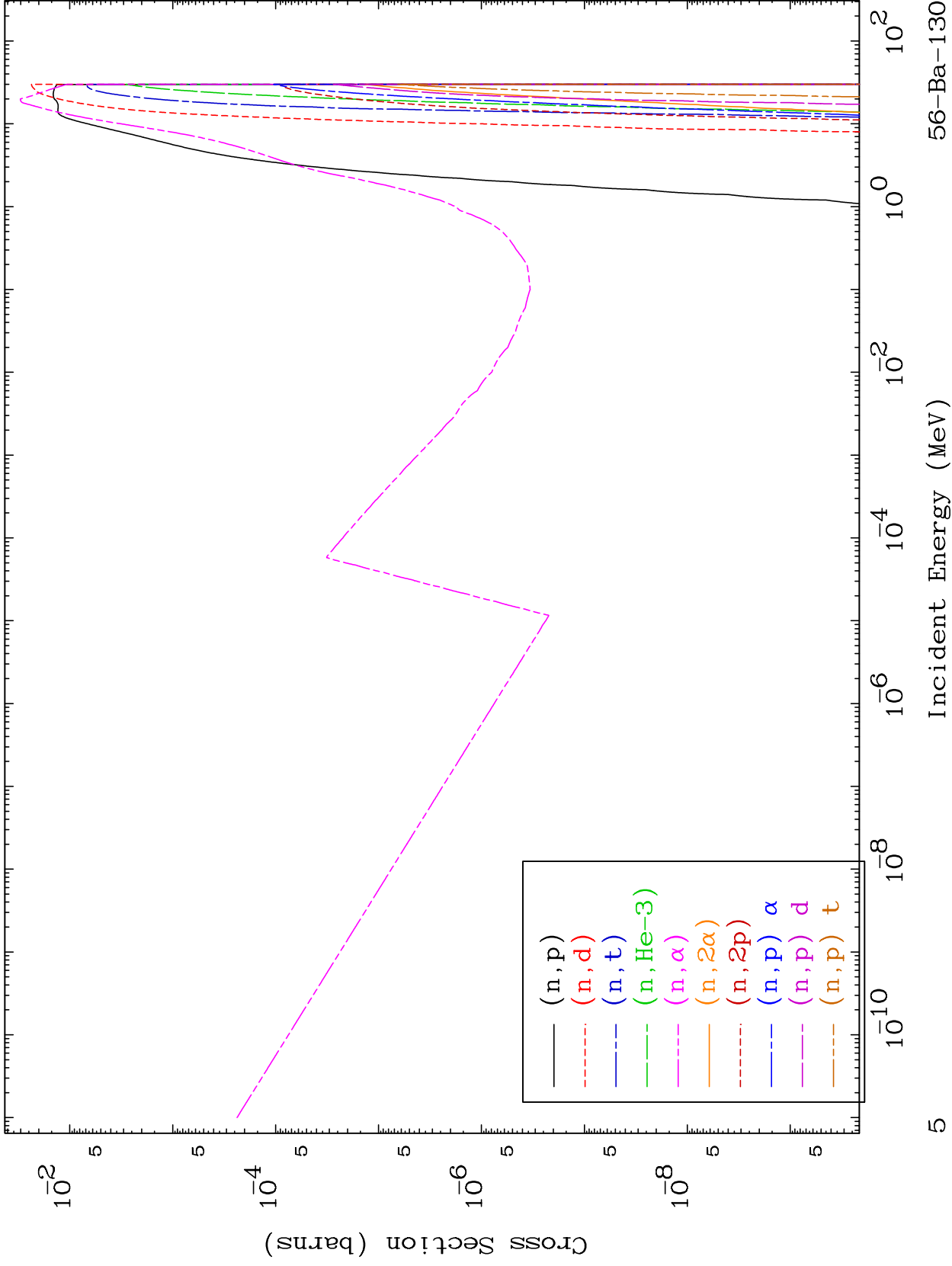
293 Kelvin Cross Sections

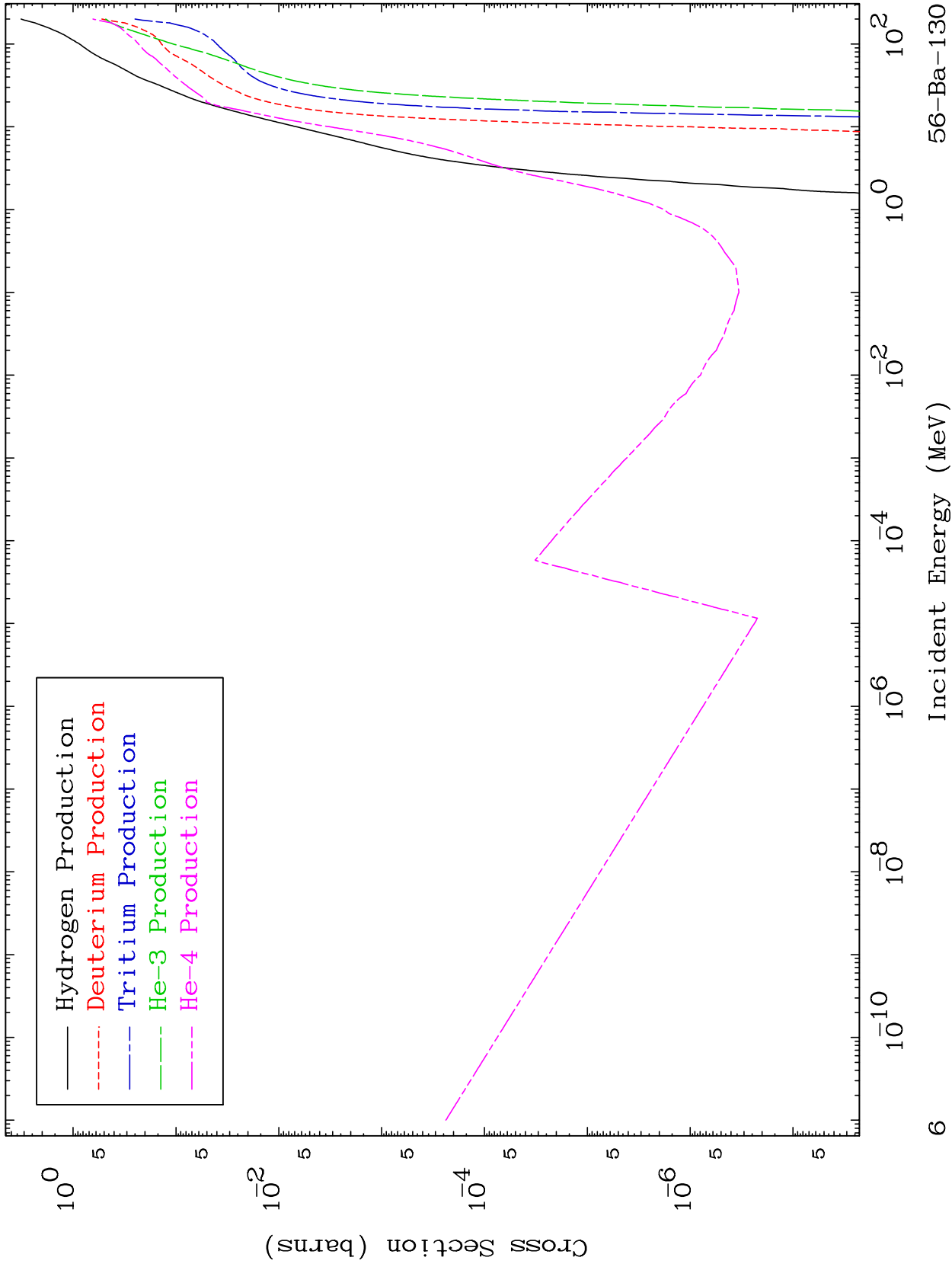


MAT 5625

Charged Particle  
293 Kelvin Cross Sections

56-Ba-130



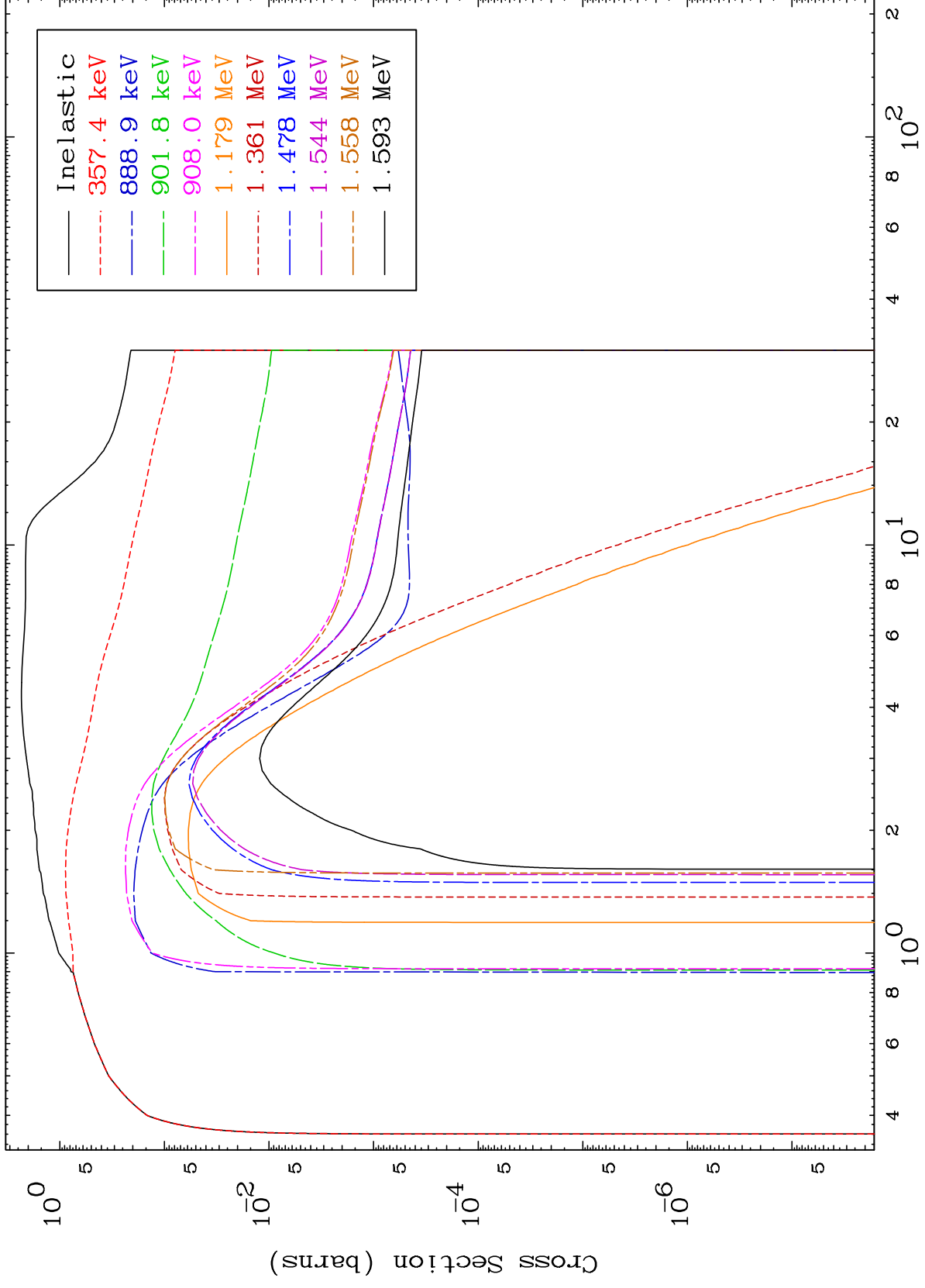


MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections



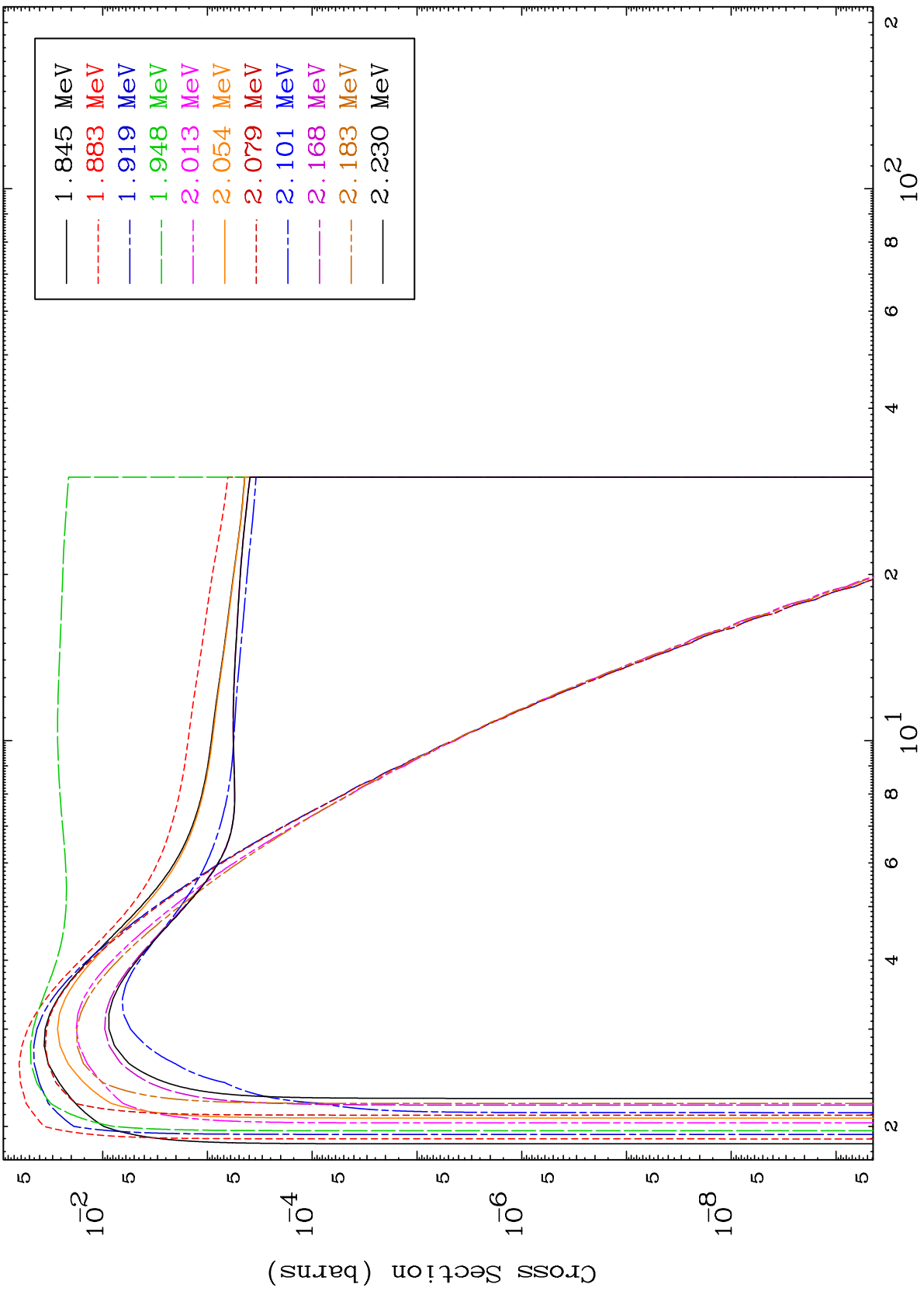


MAT 5625

(n,n') Level

56-Ba-130

293 Kelvin Cross Sections



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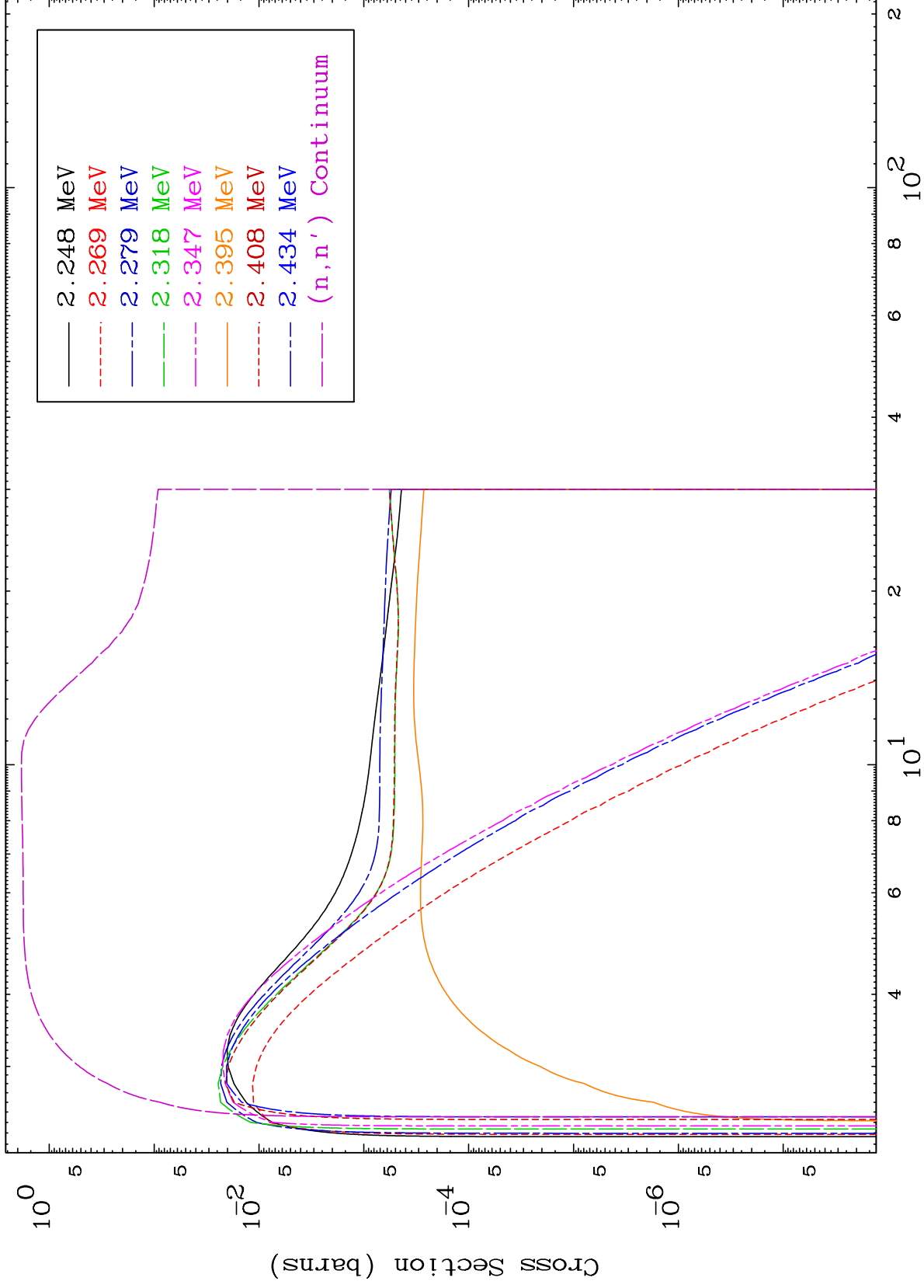
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-130



9

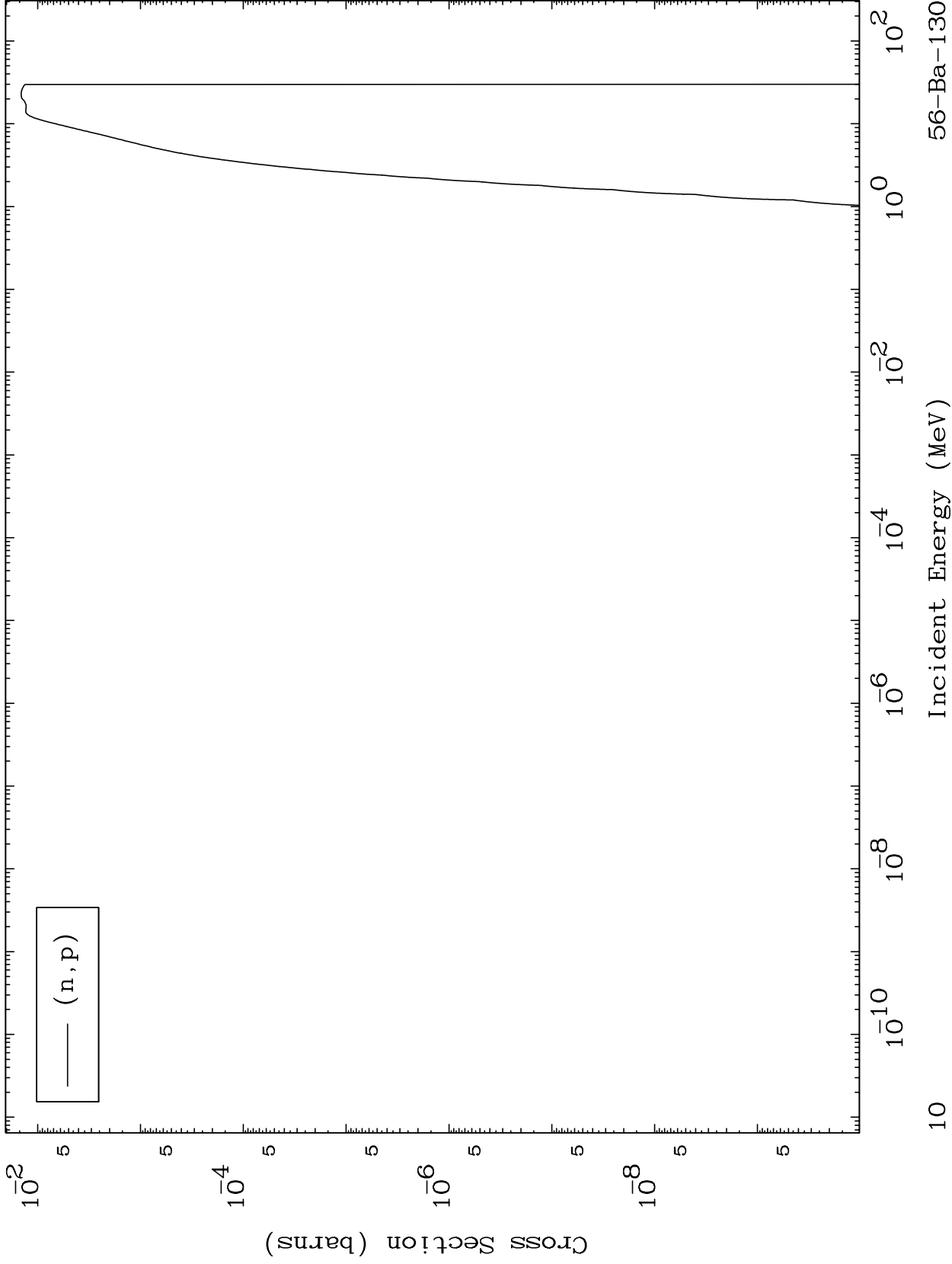
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-130



10

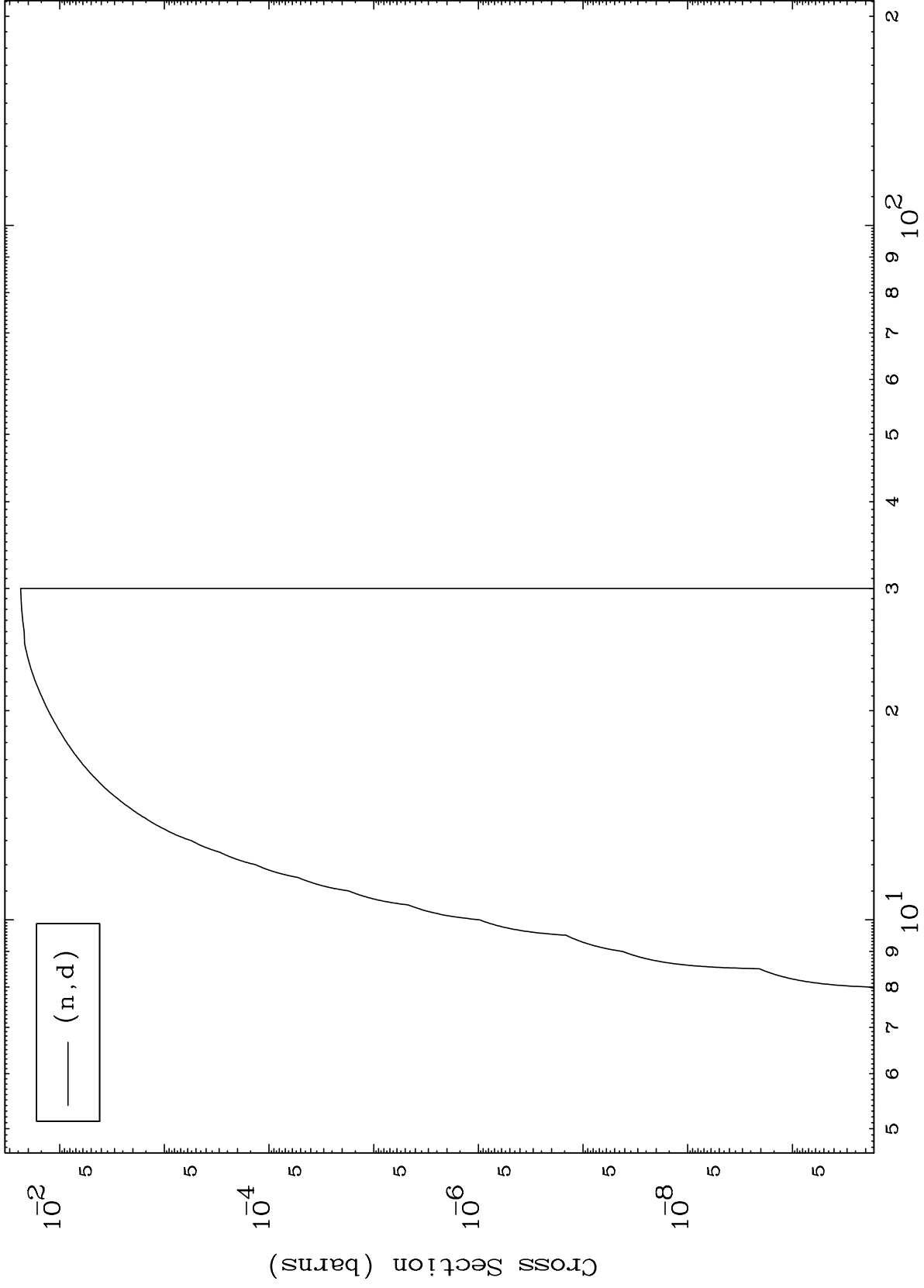
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-130



11

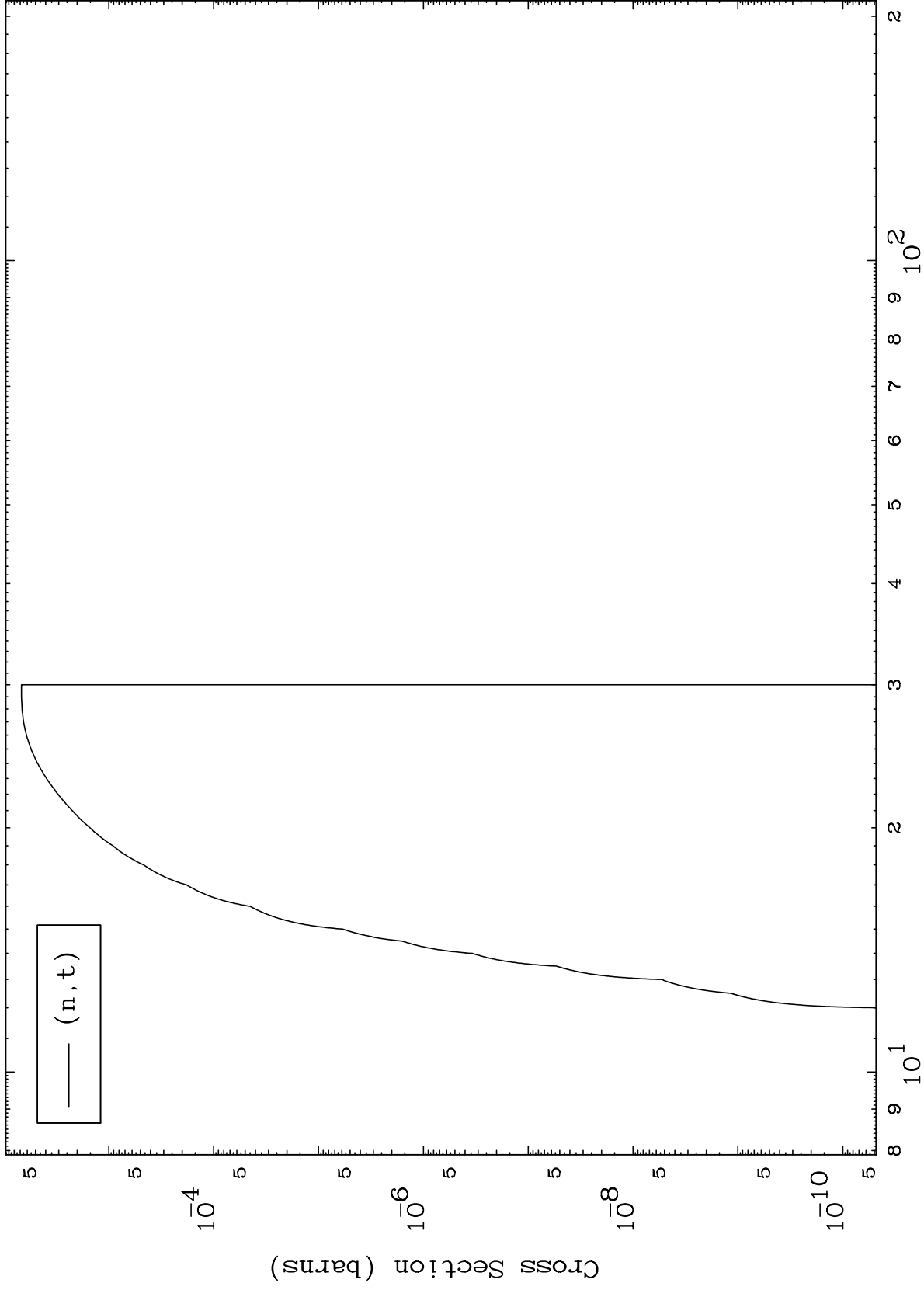
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-130



12

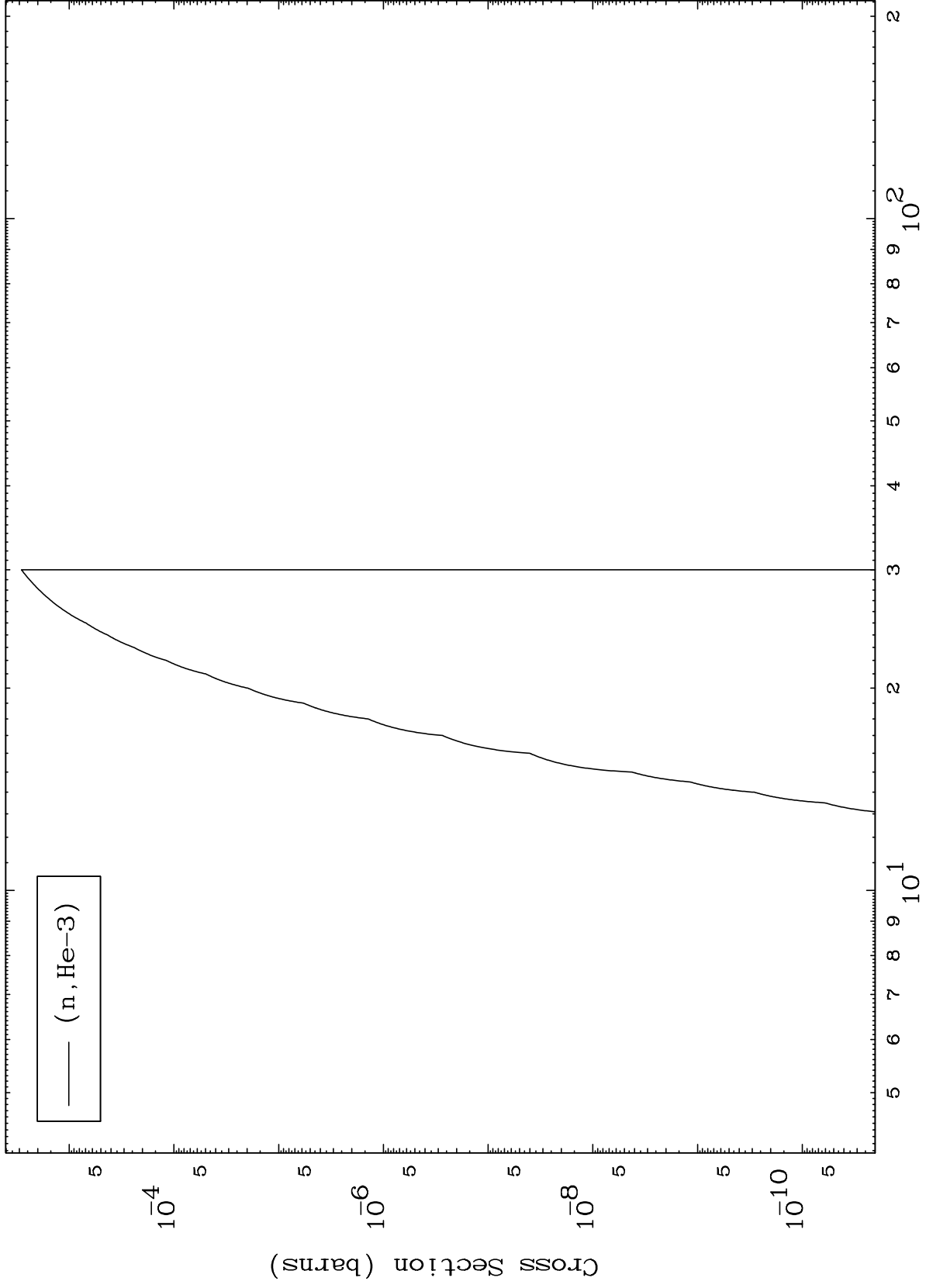
Incident Energy (MeV)

56-Ba-130

MAT 5625

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-130



13

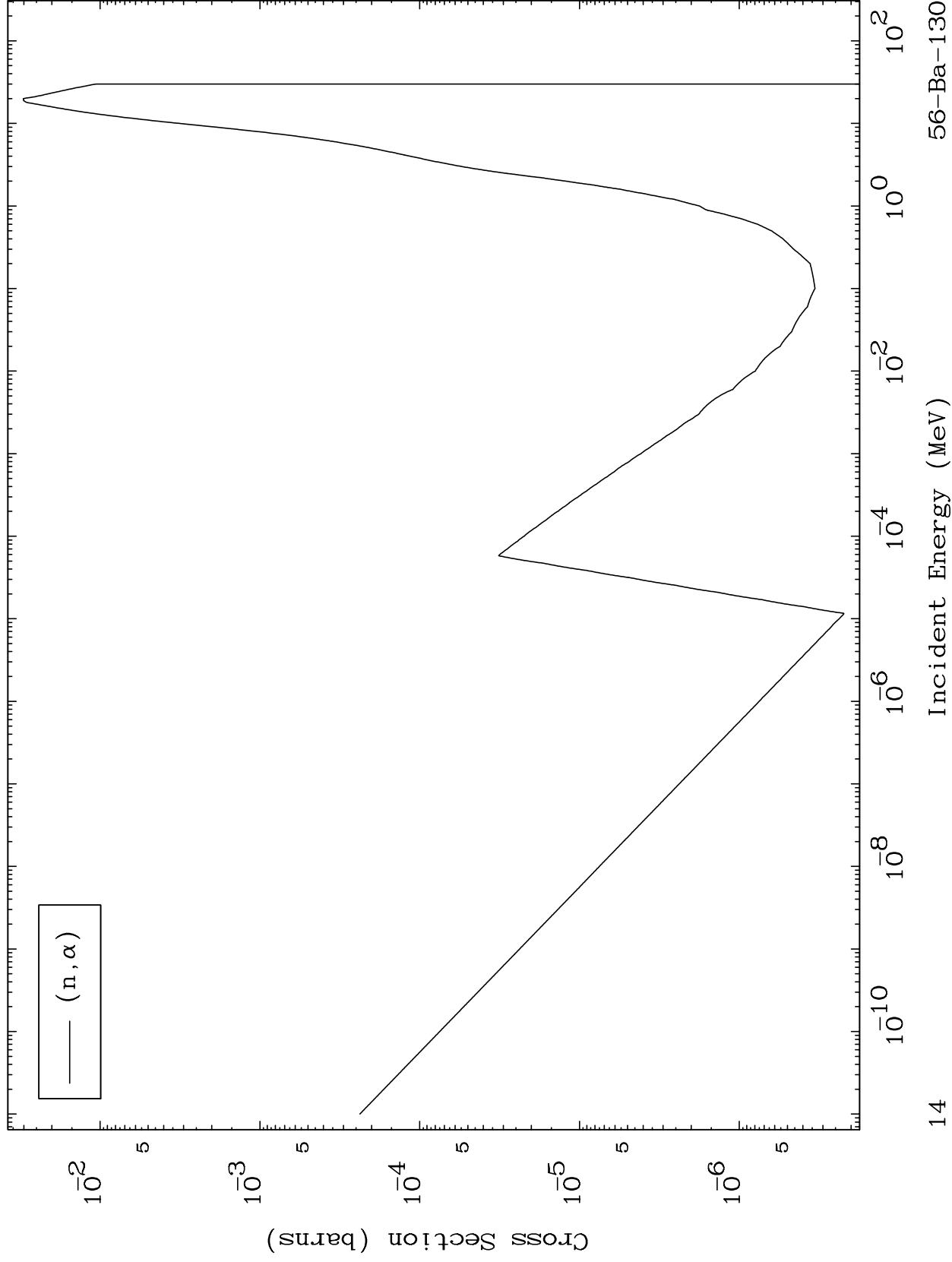
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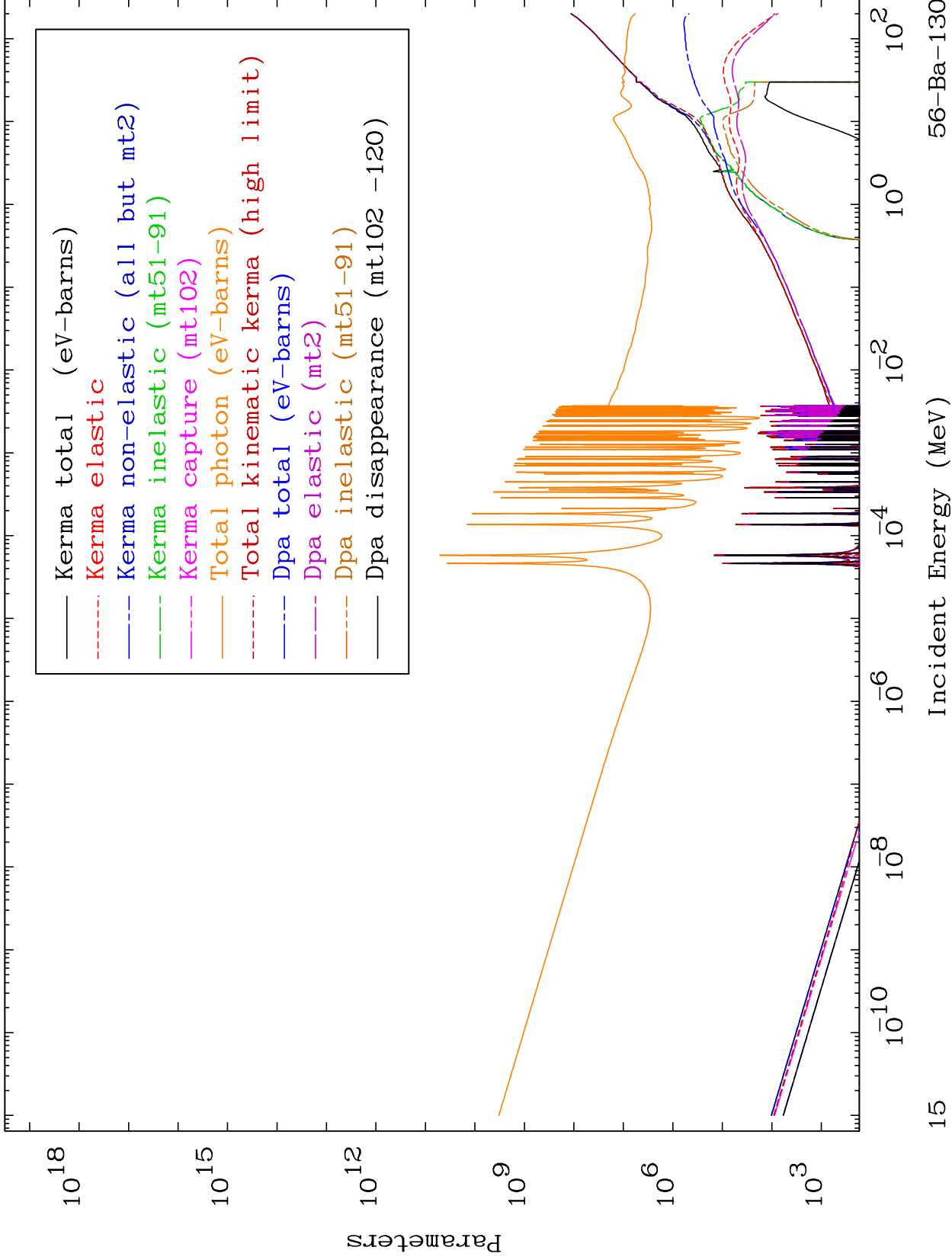
56-Ba-130

MAT 5625

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

56-Ba-130



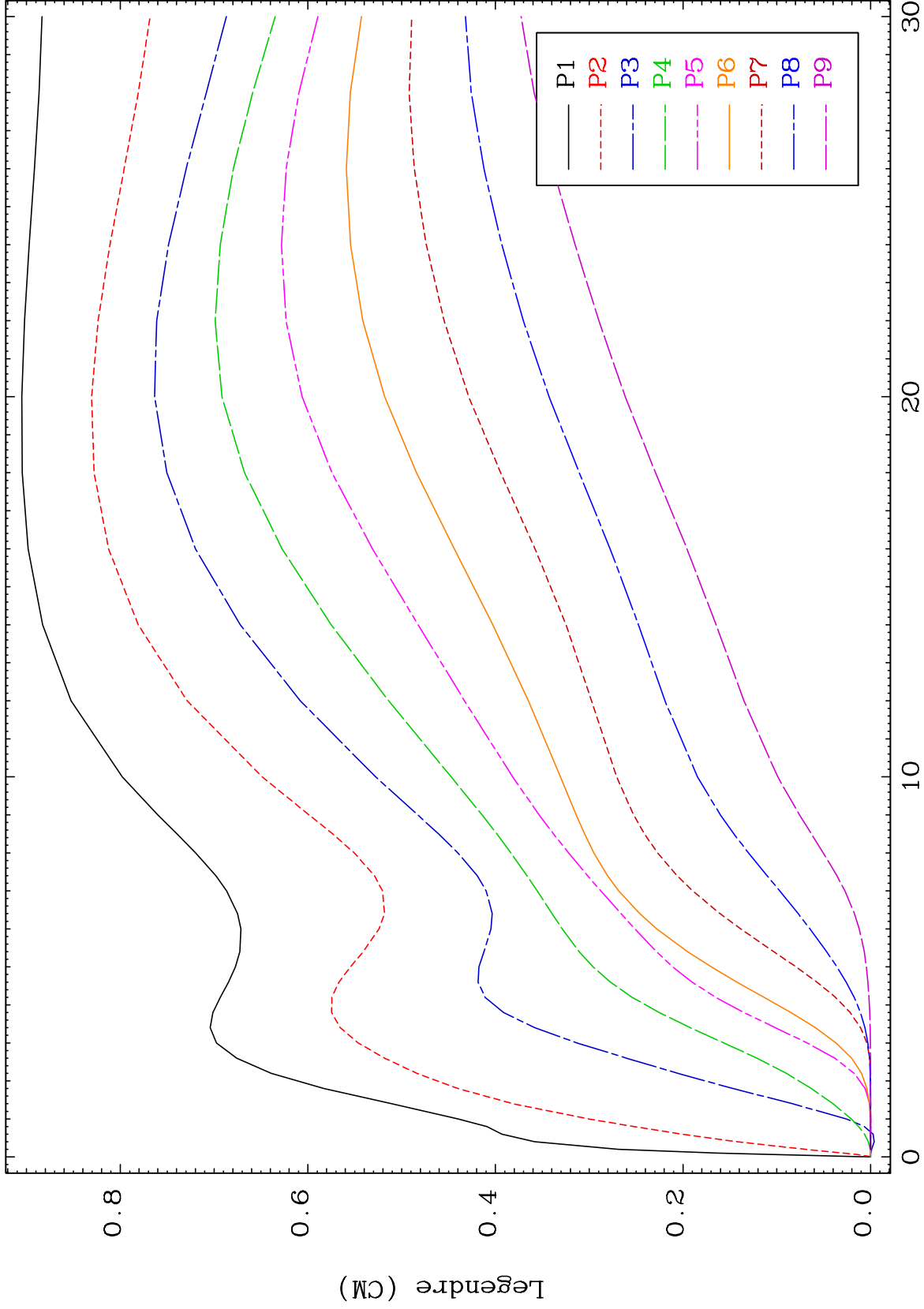




MAT 5625

Elastic Legendre Coefficients

56-Ba-130



16

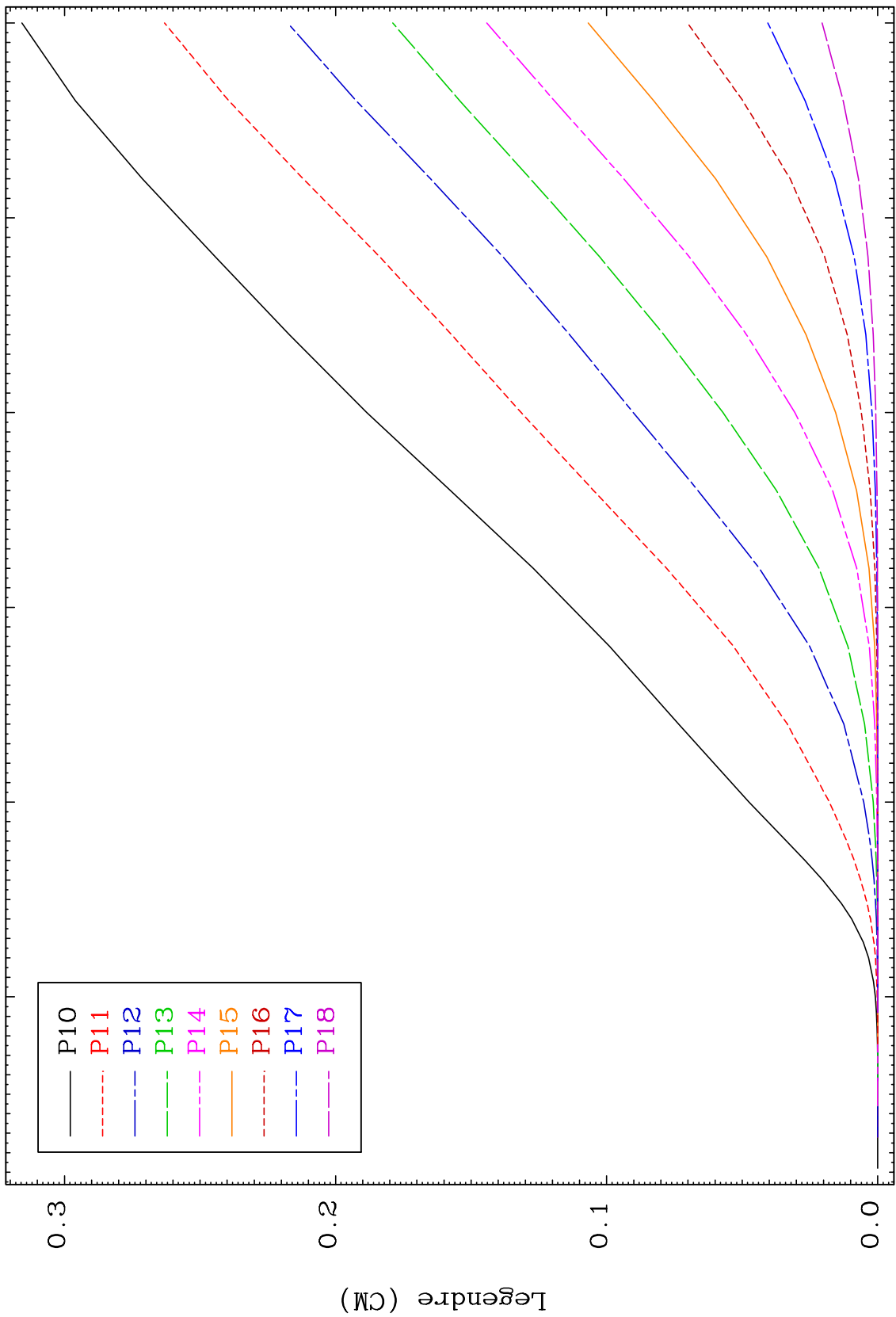
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



17

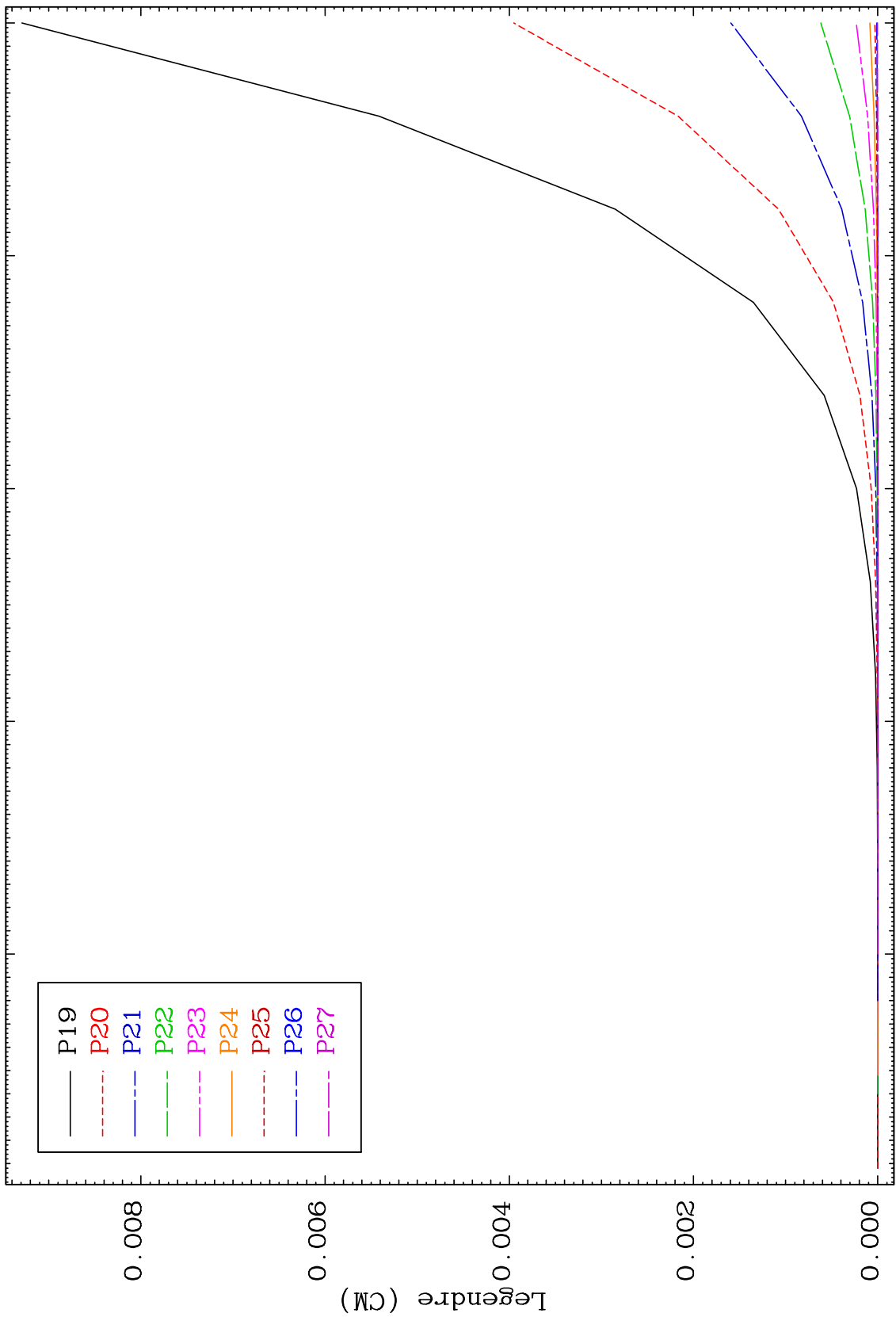
Incident Energy (MeV)

56-Ba-130

MAT 5625

### Elastic Legendre Coefficients

56-Ba-130



18

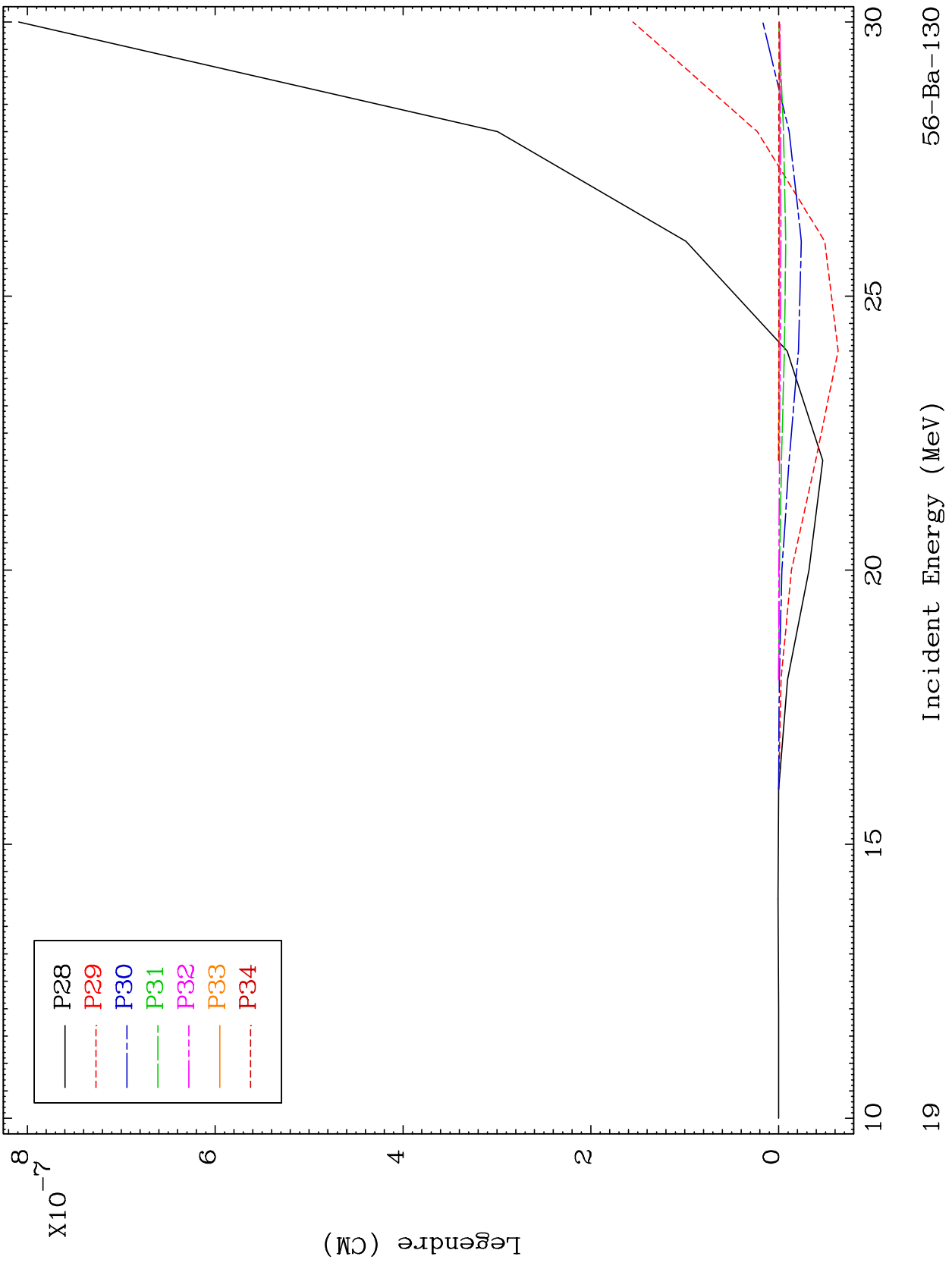
Incident Energy (MeV)

56-Ba-130

MAT 5625

Elastic Legendre Coefficients

56-Ba-130



19

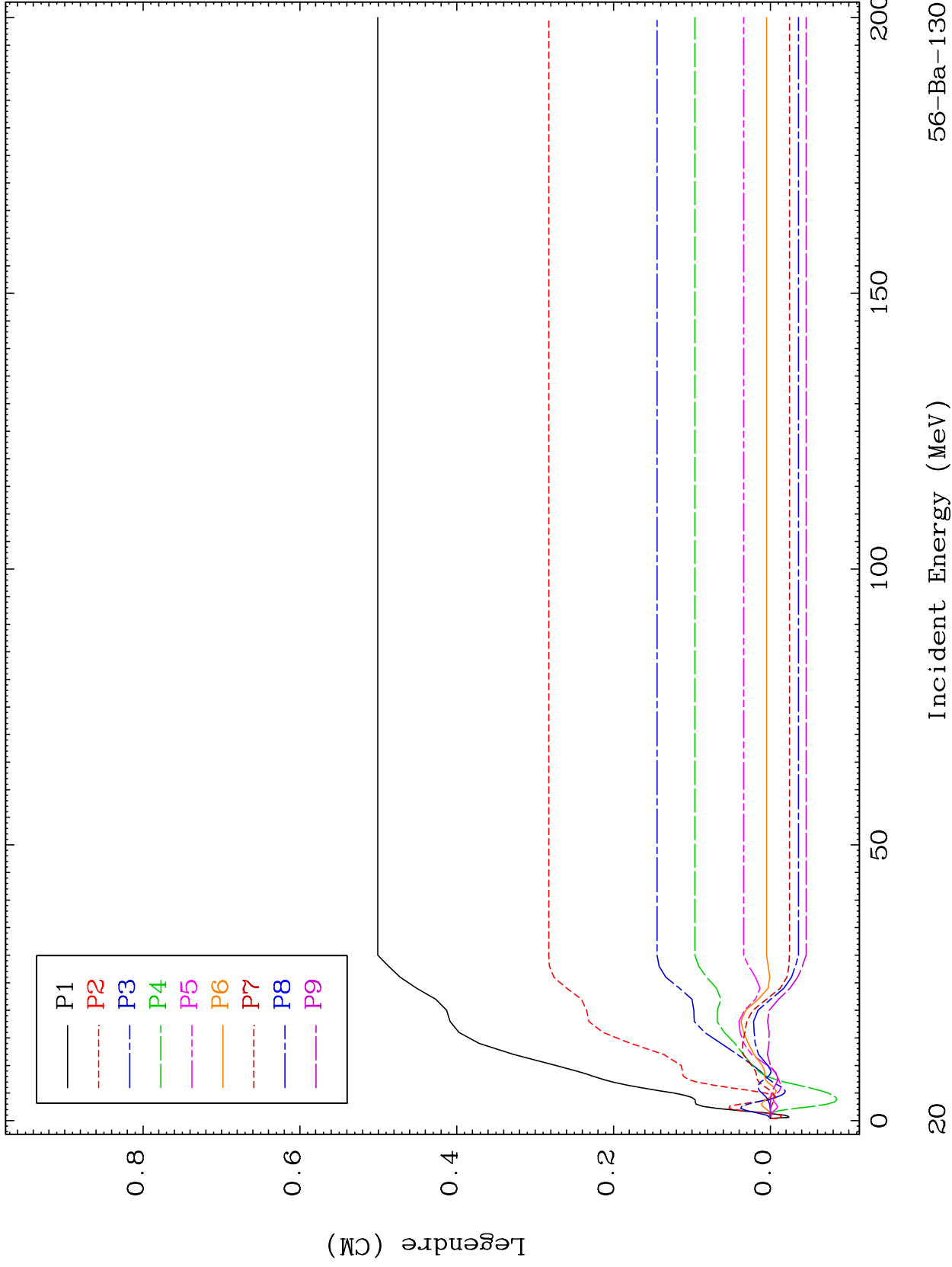
Incident Energy (MeV)

56-Ba-130

MAT 5625

357.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-130



56-Ba-130

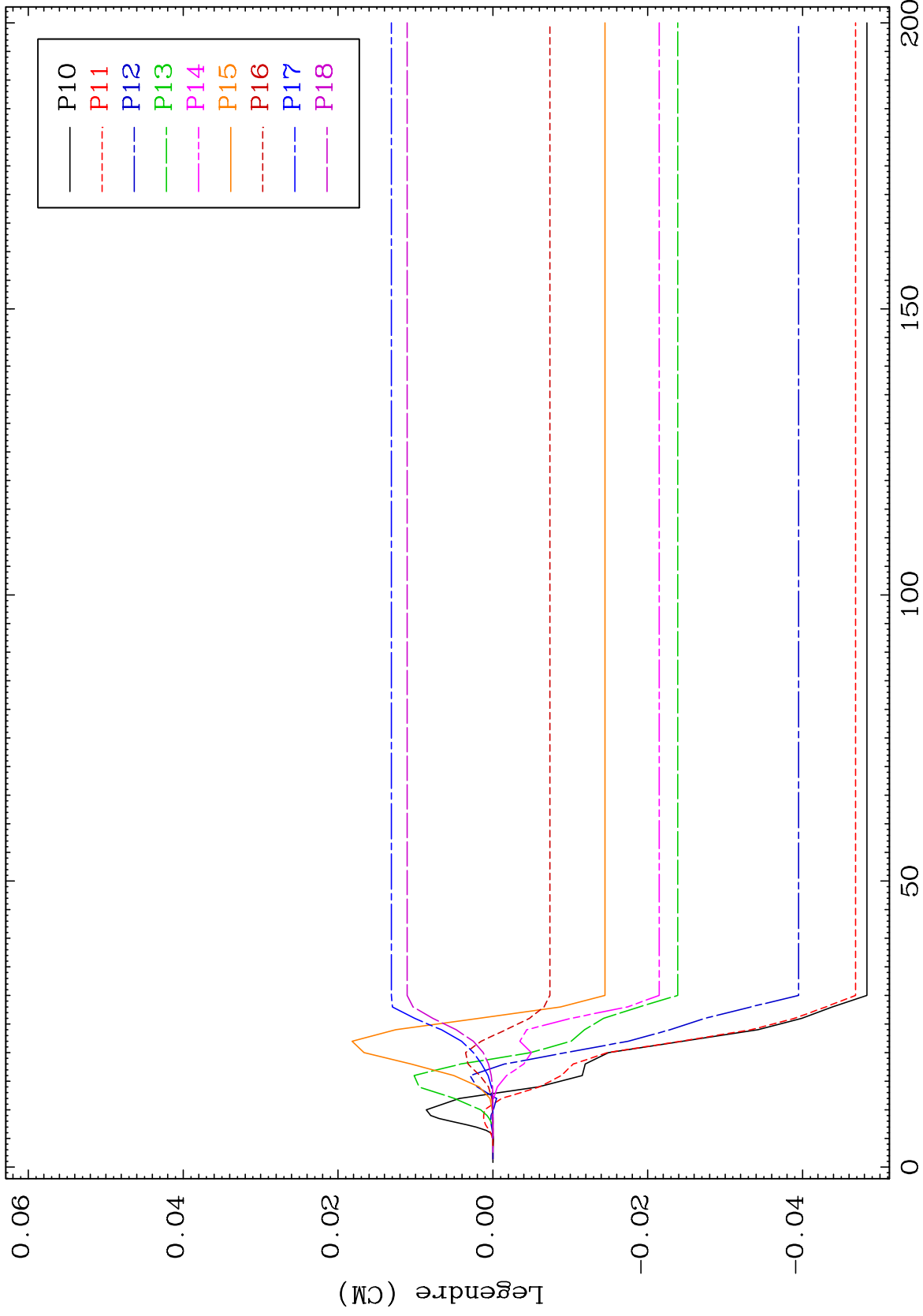
Incident Energy (MeV)

0

MAT 5625

357.4 keV (n,n') Level  
Legendre Coefficients

56-Ba-130



21

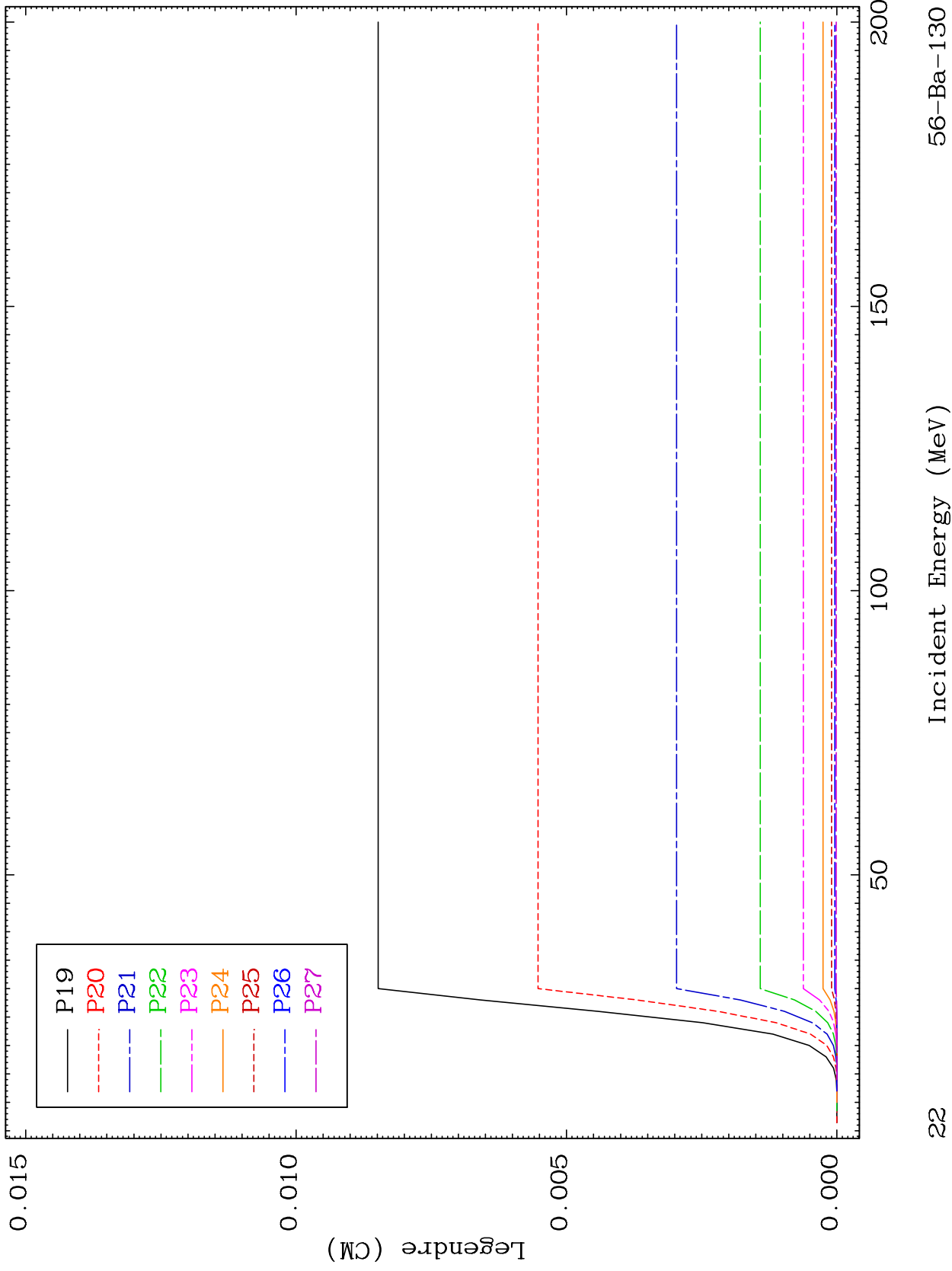
Incident Energy (MeV)

56-Ba-130

MAT 5625

357.4 keV (n,n') Level  
Legendre Coefficients

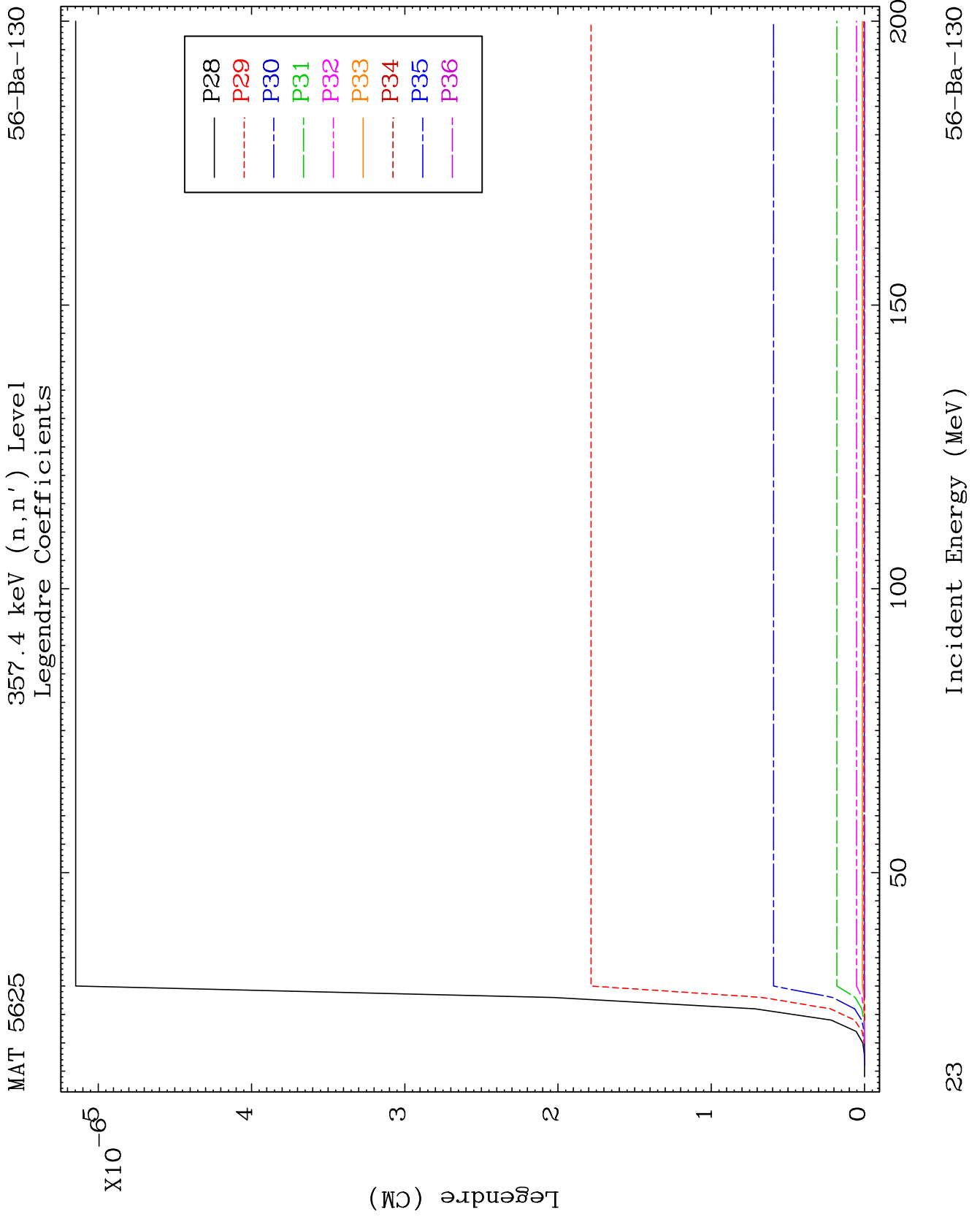
56-Ba-130



22

Incident Energy (MeV)

56-Ba-130

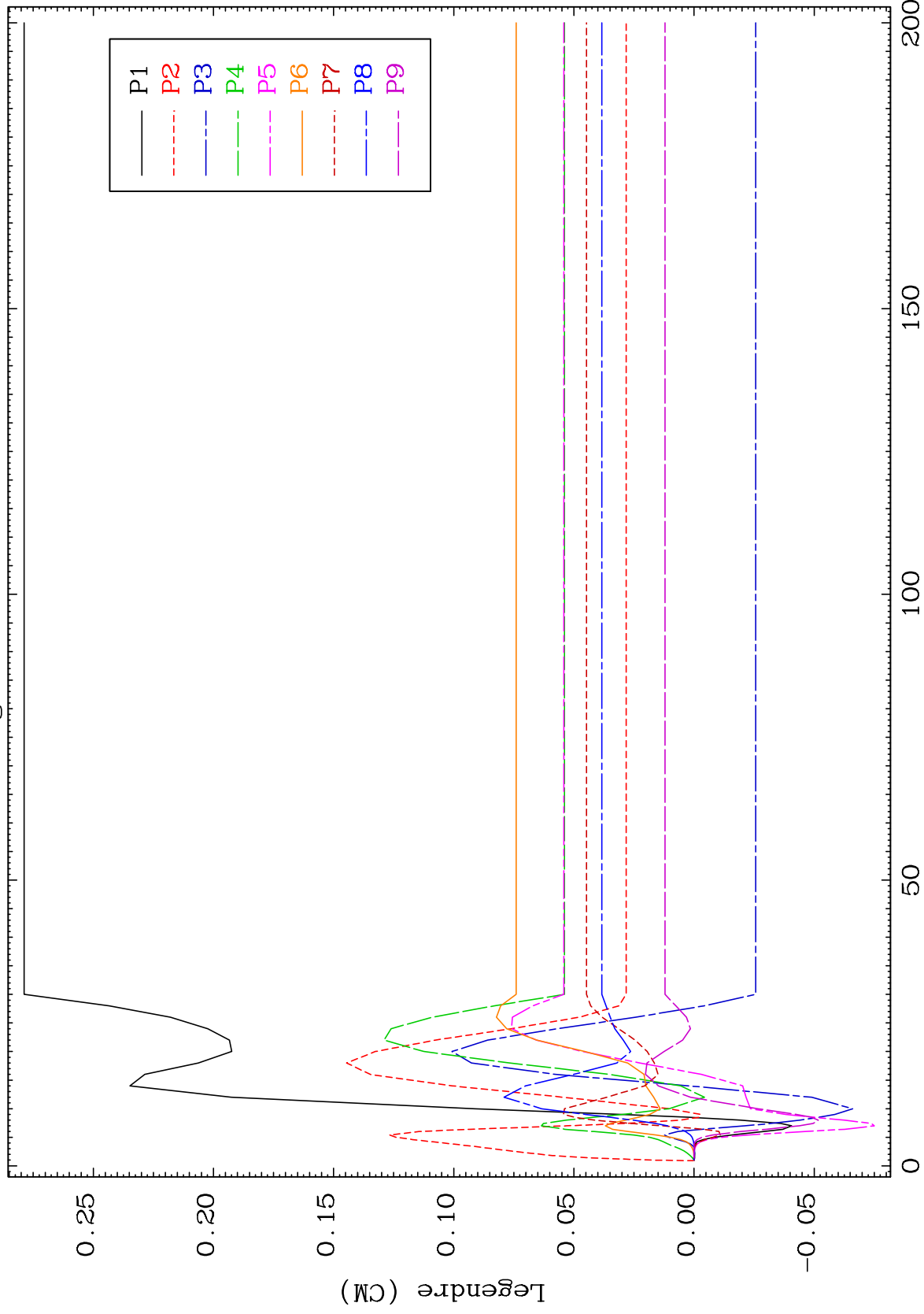




MAT 5625

888.9 keV (n,n') Level  
Legendre Coefficients

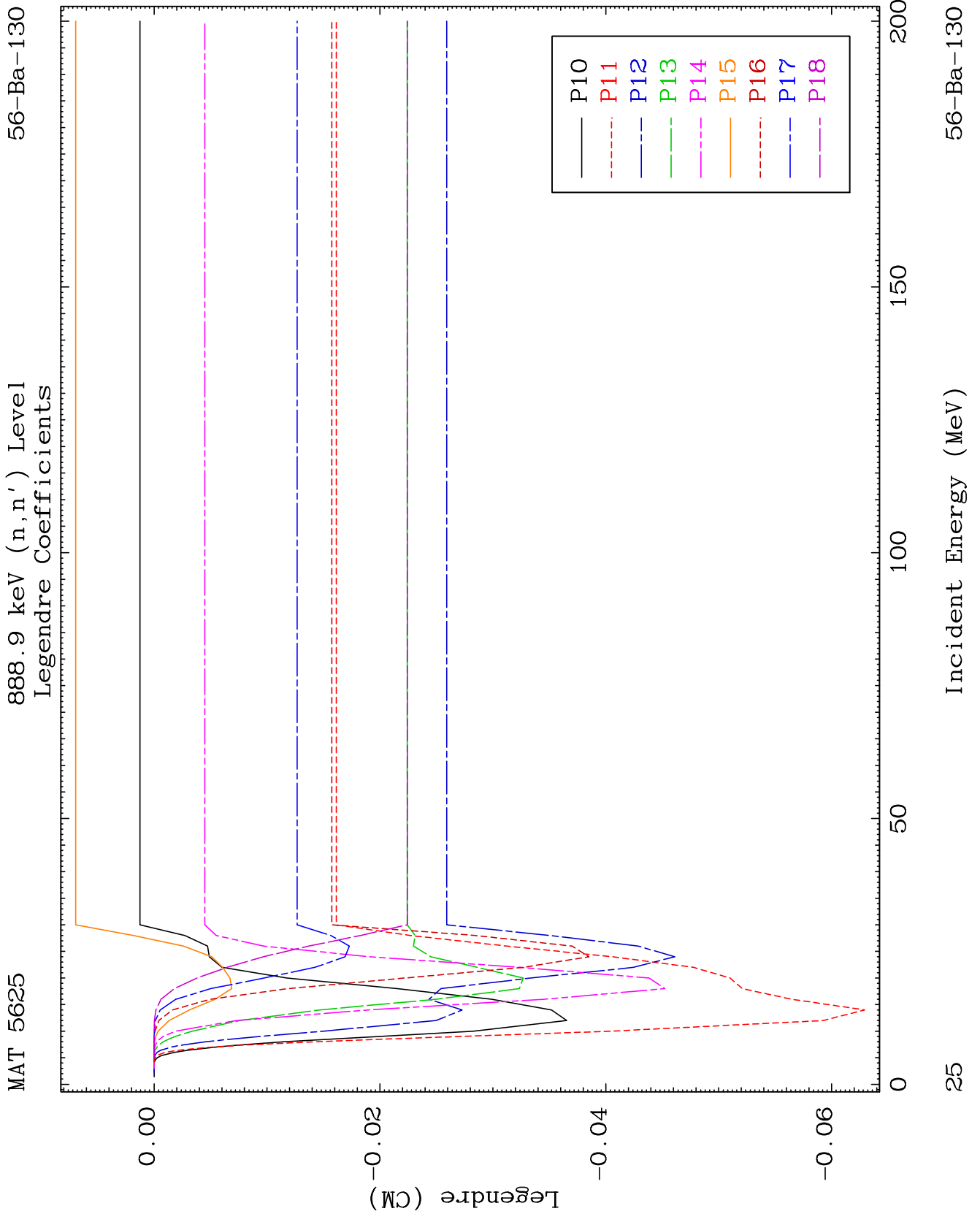
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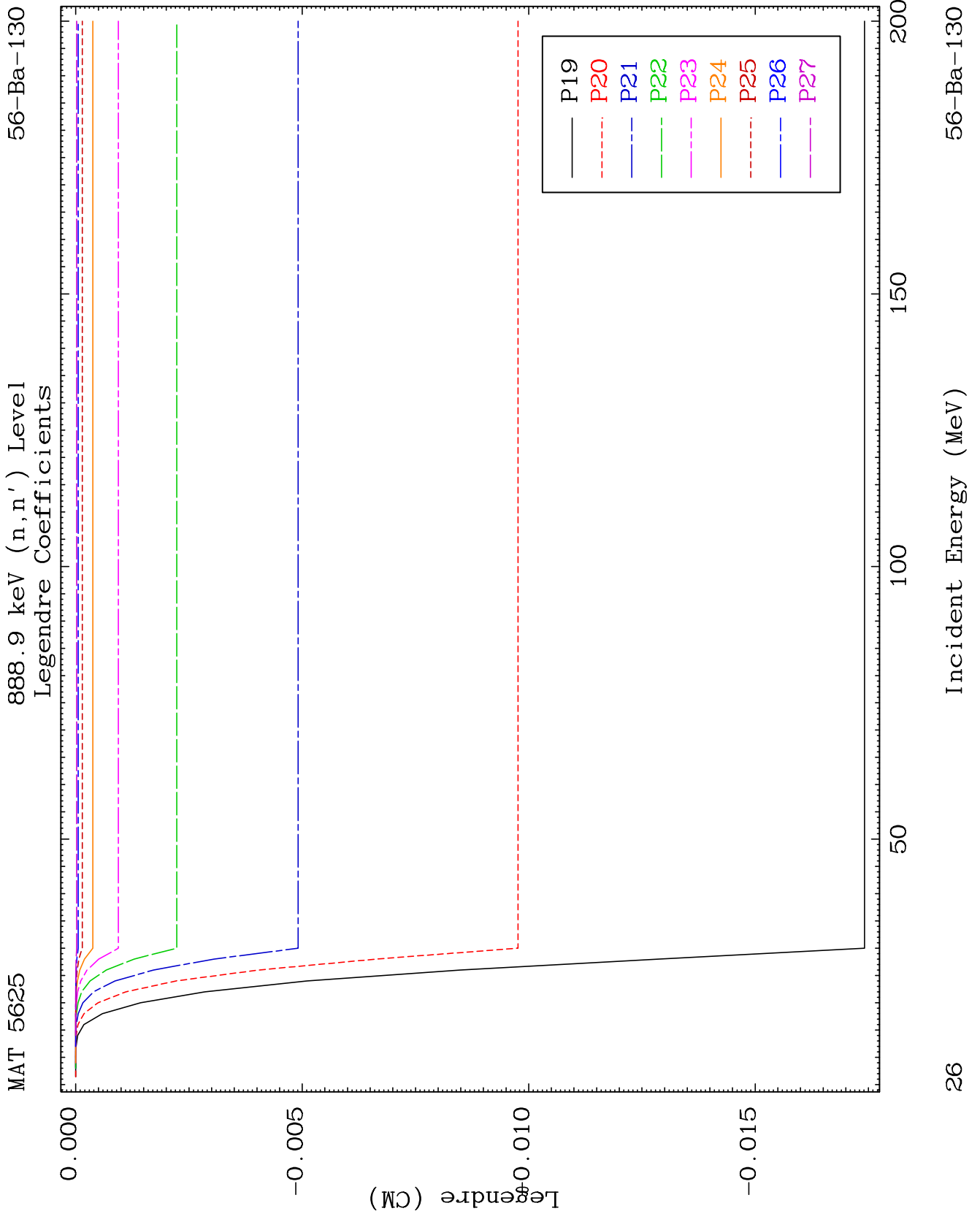


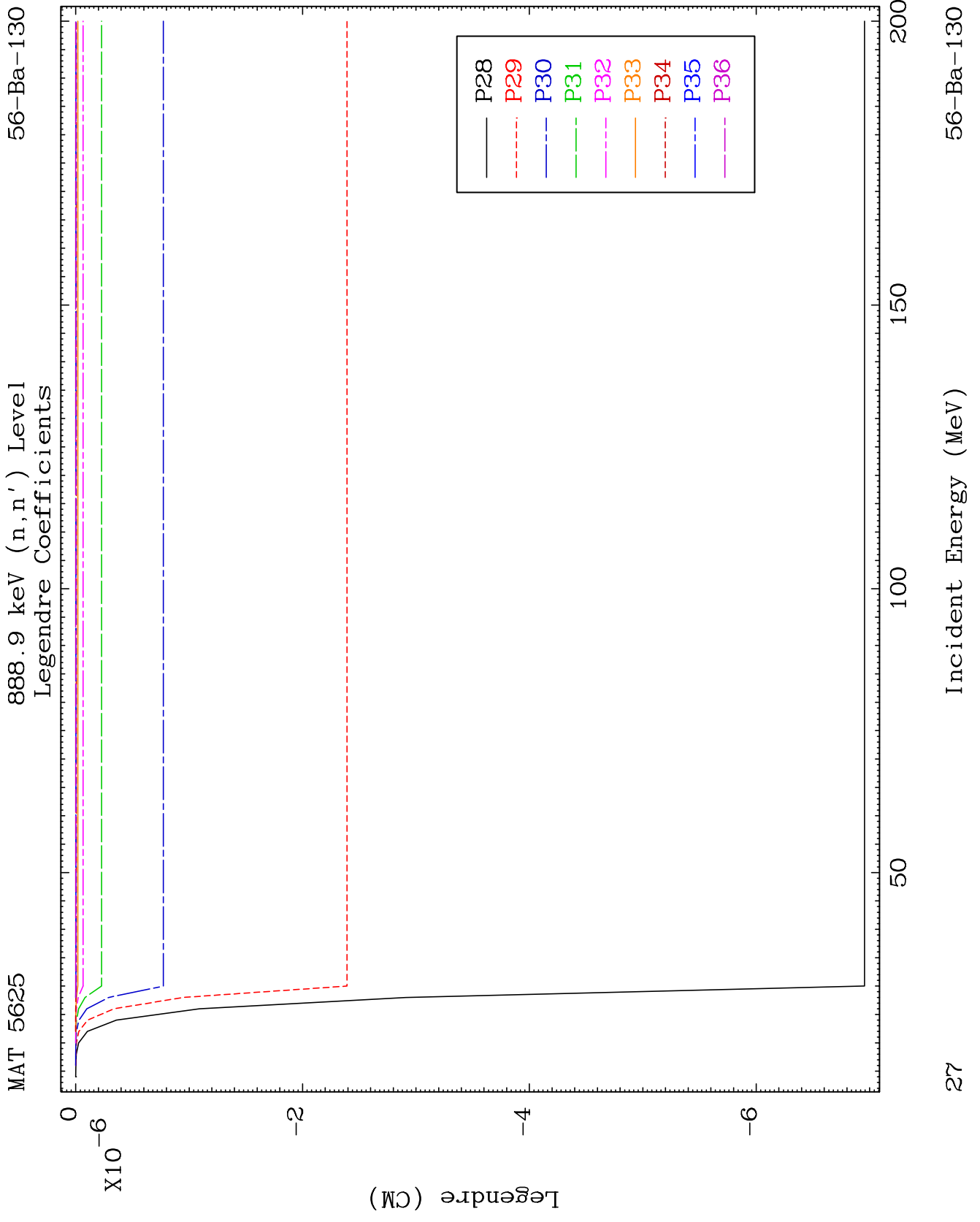
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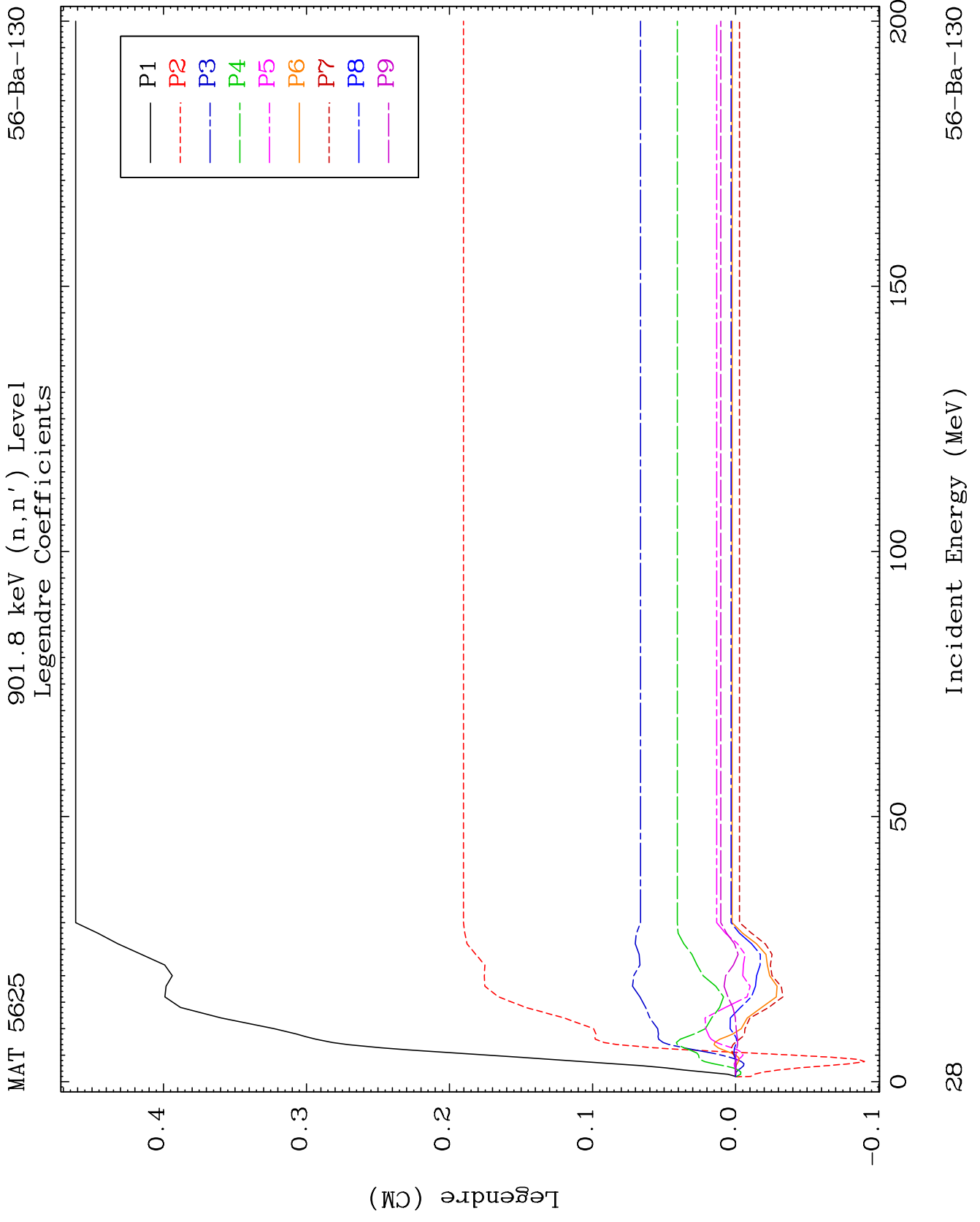
Incident Energy (MeV)

56-Ba-130

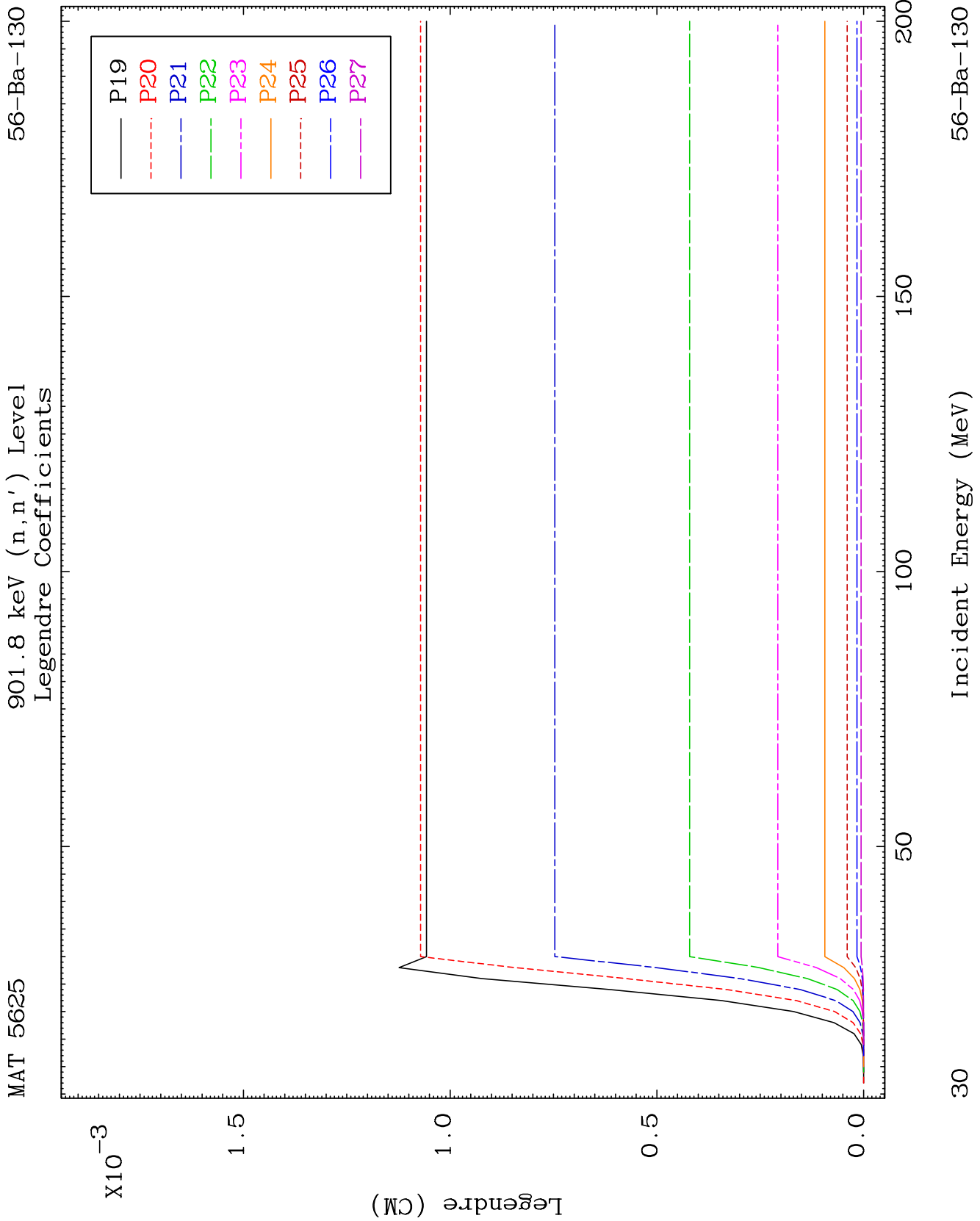


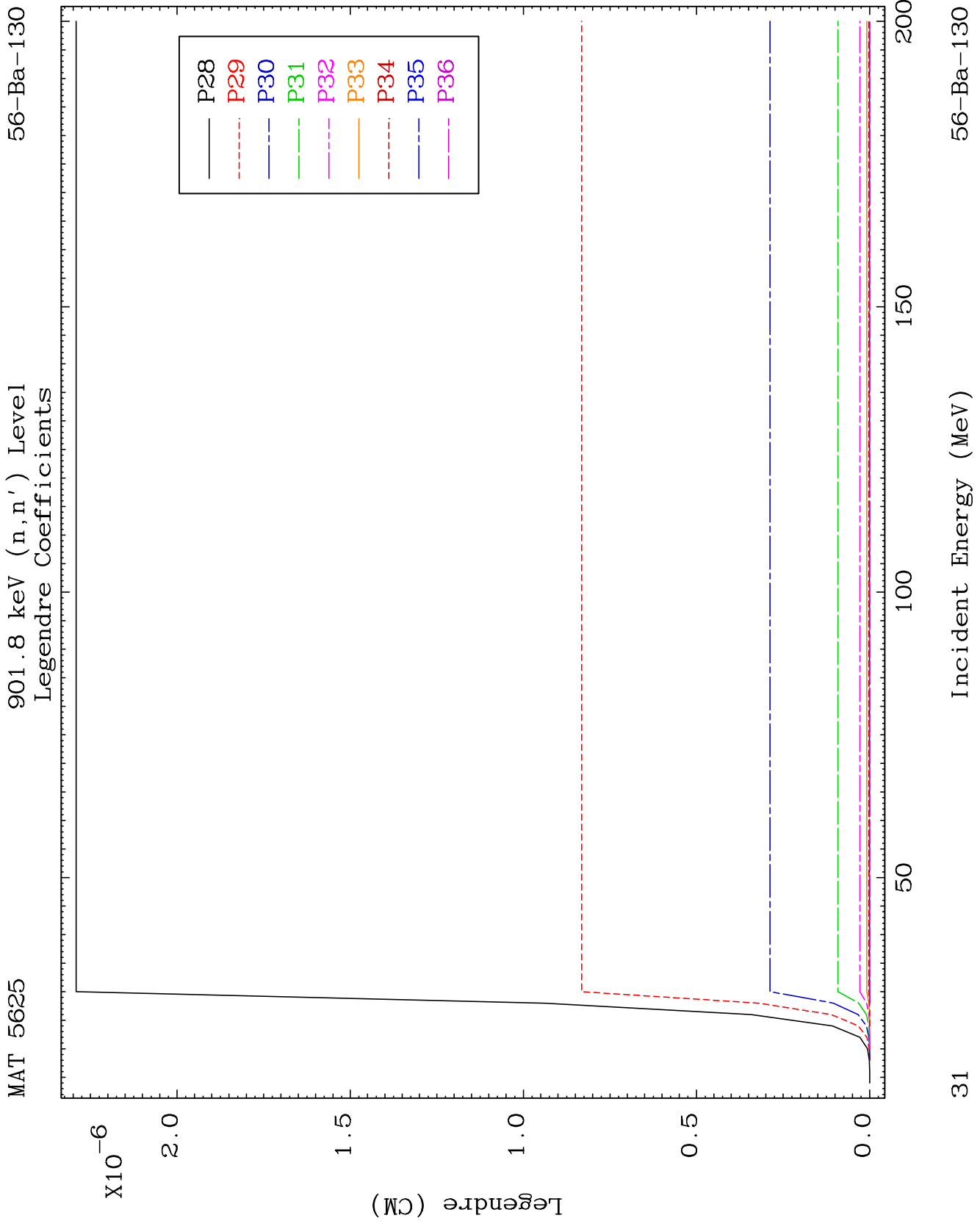




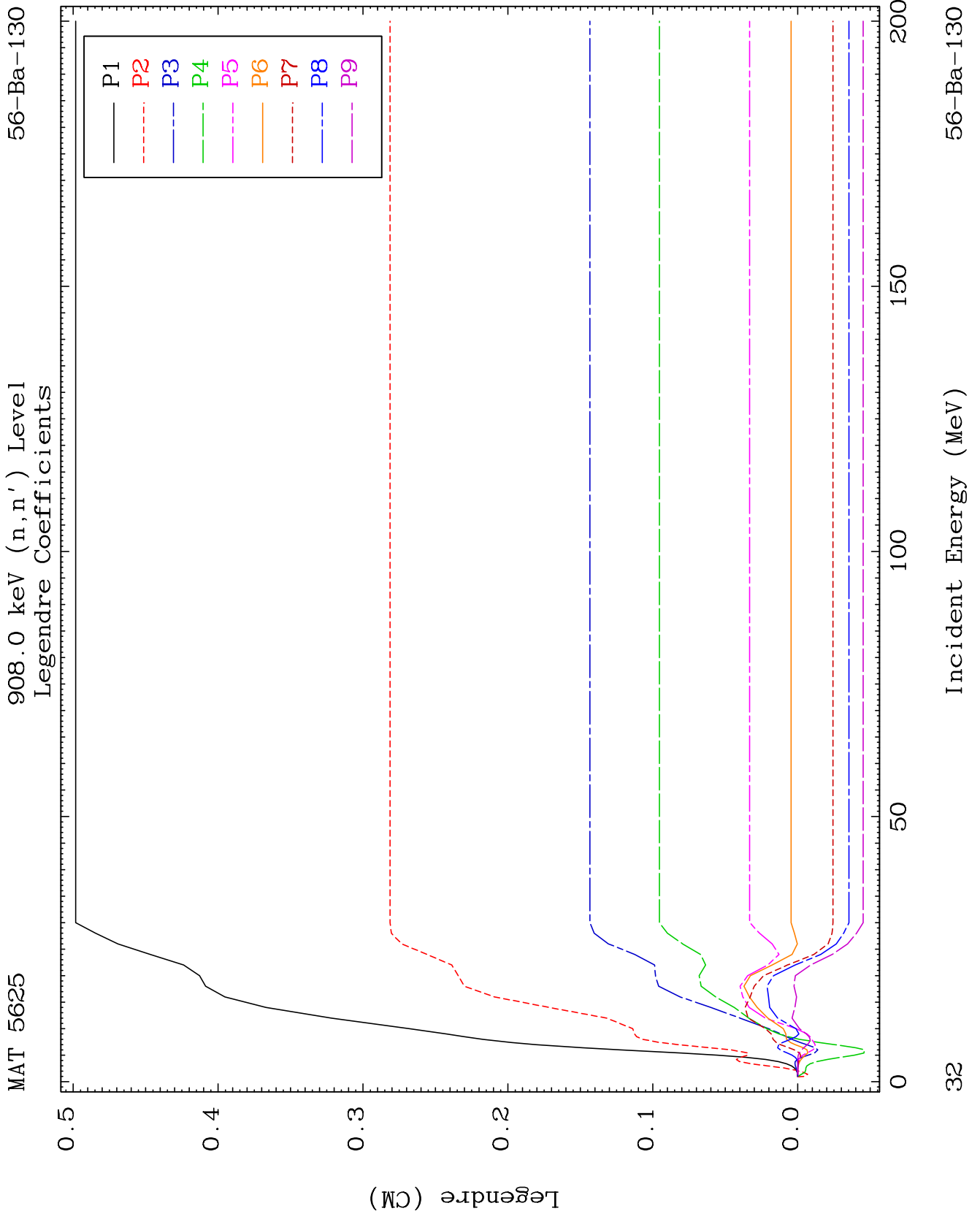




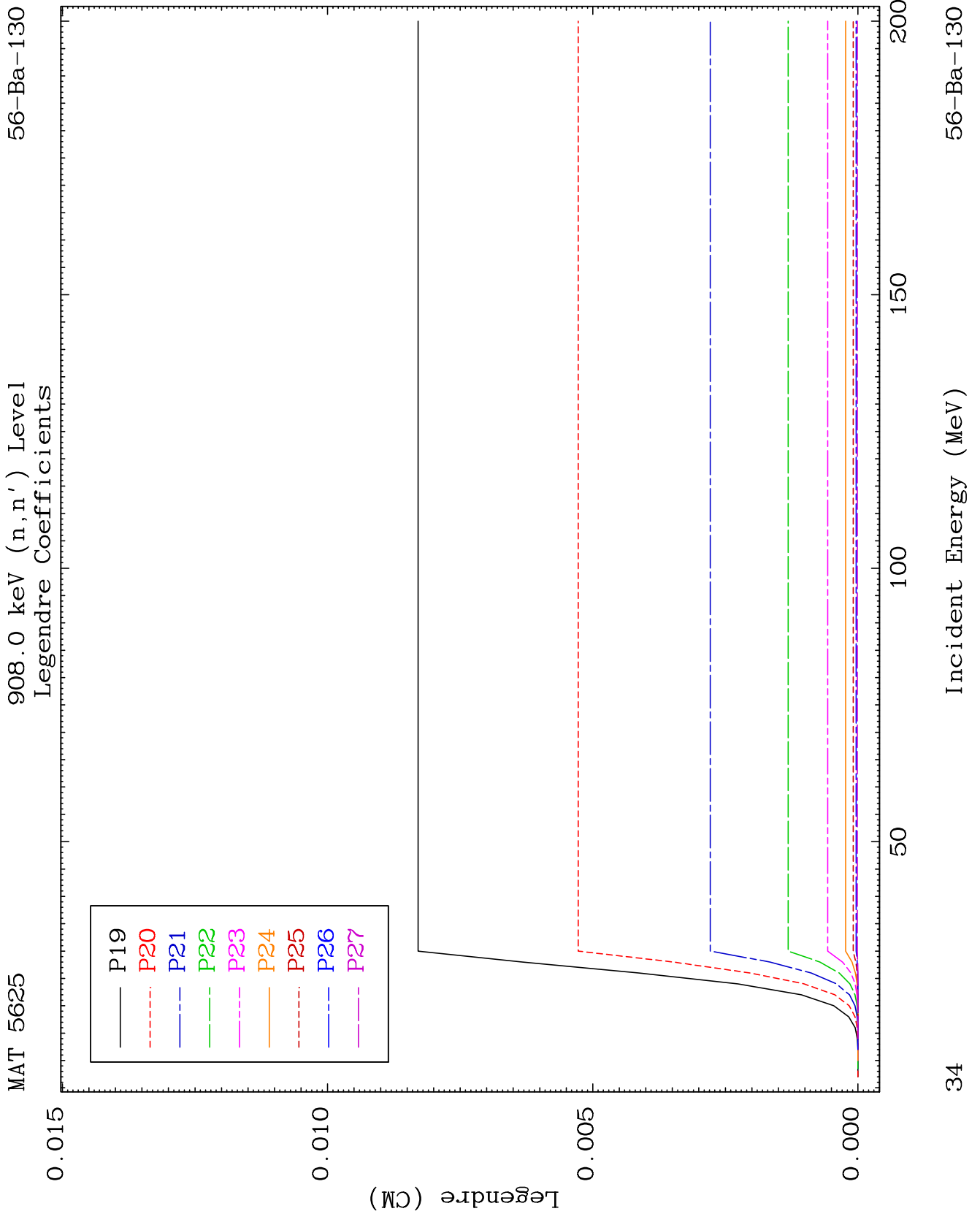


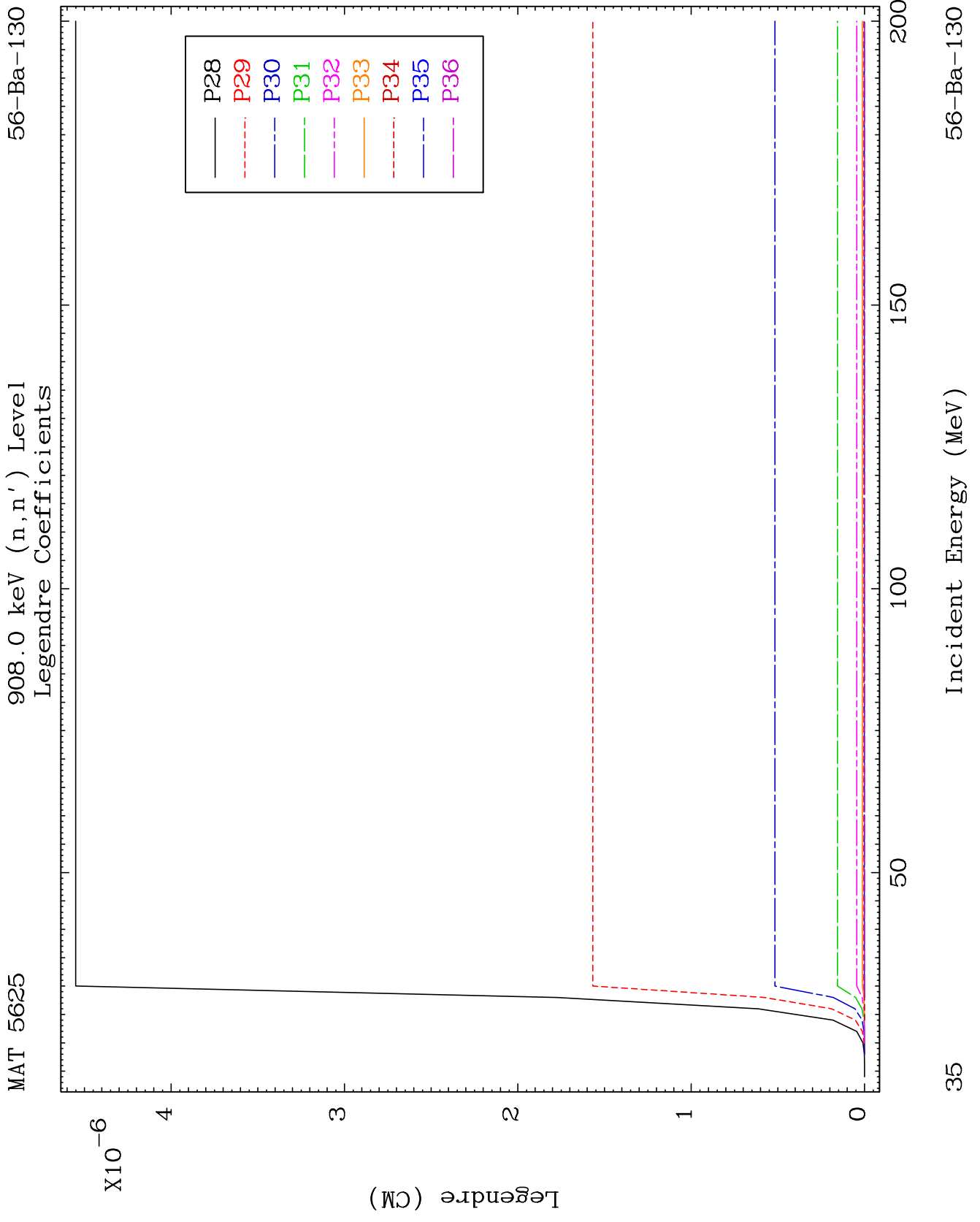


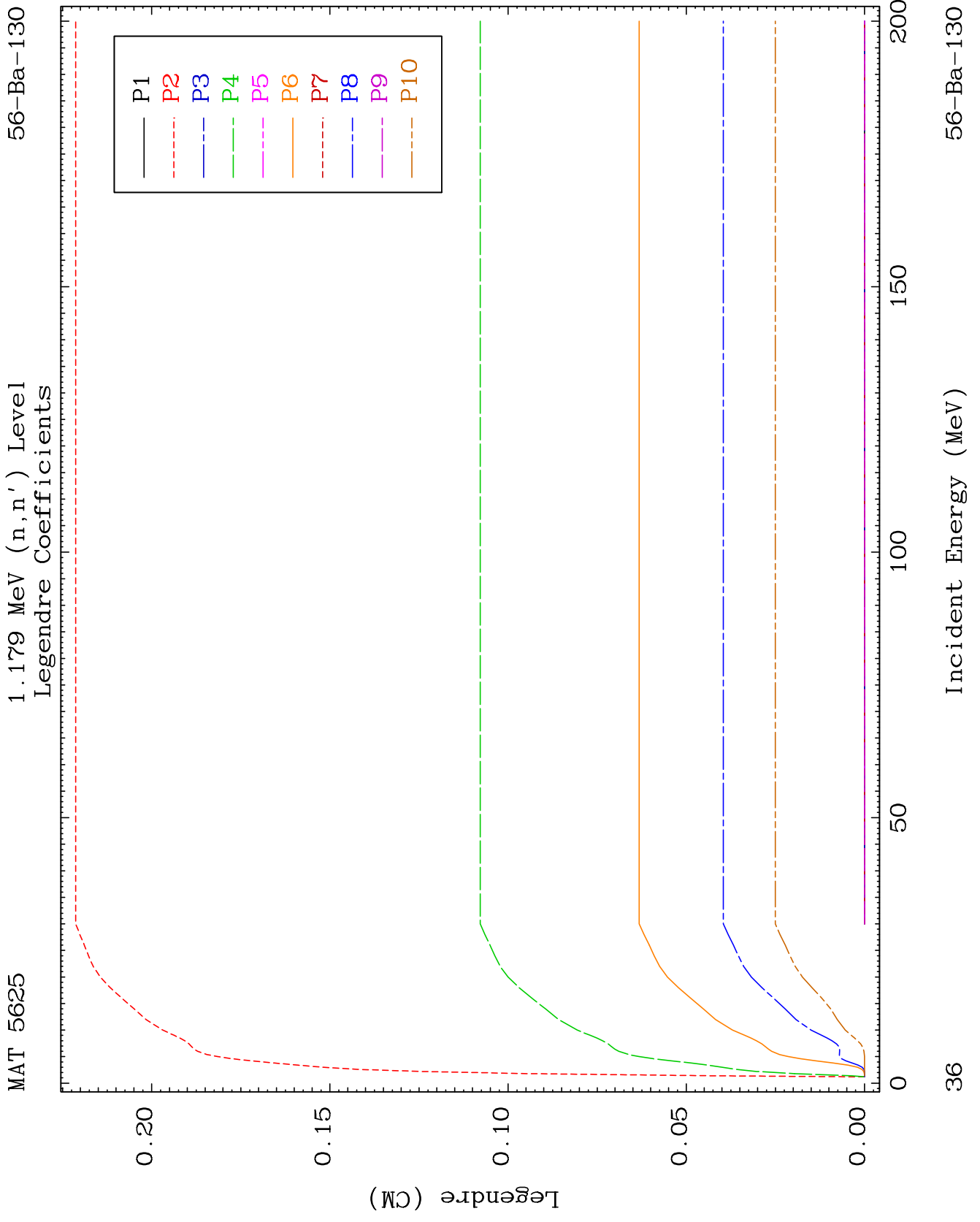






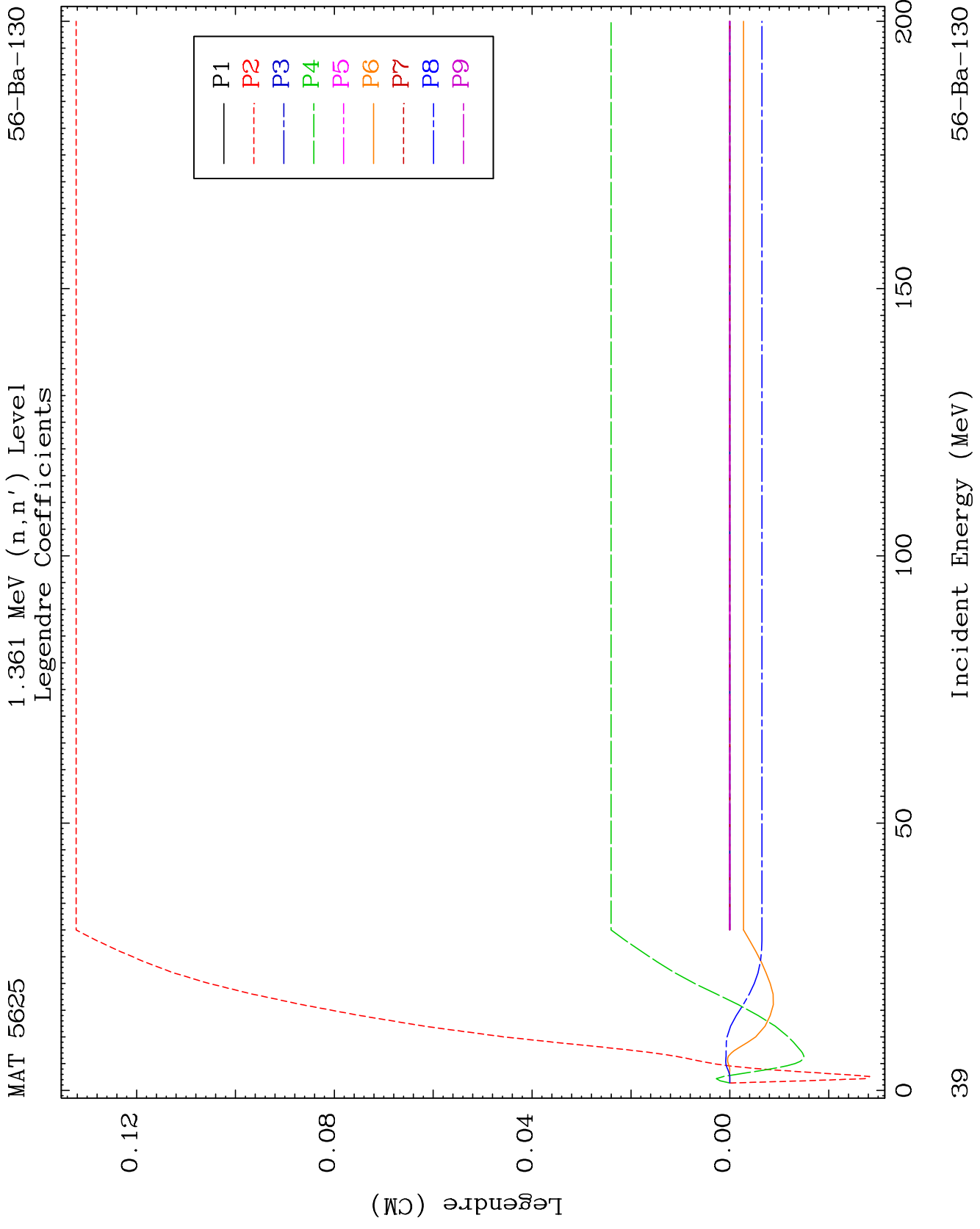
















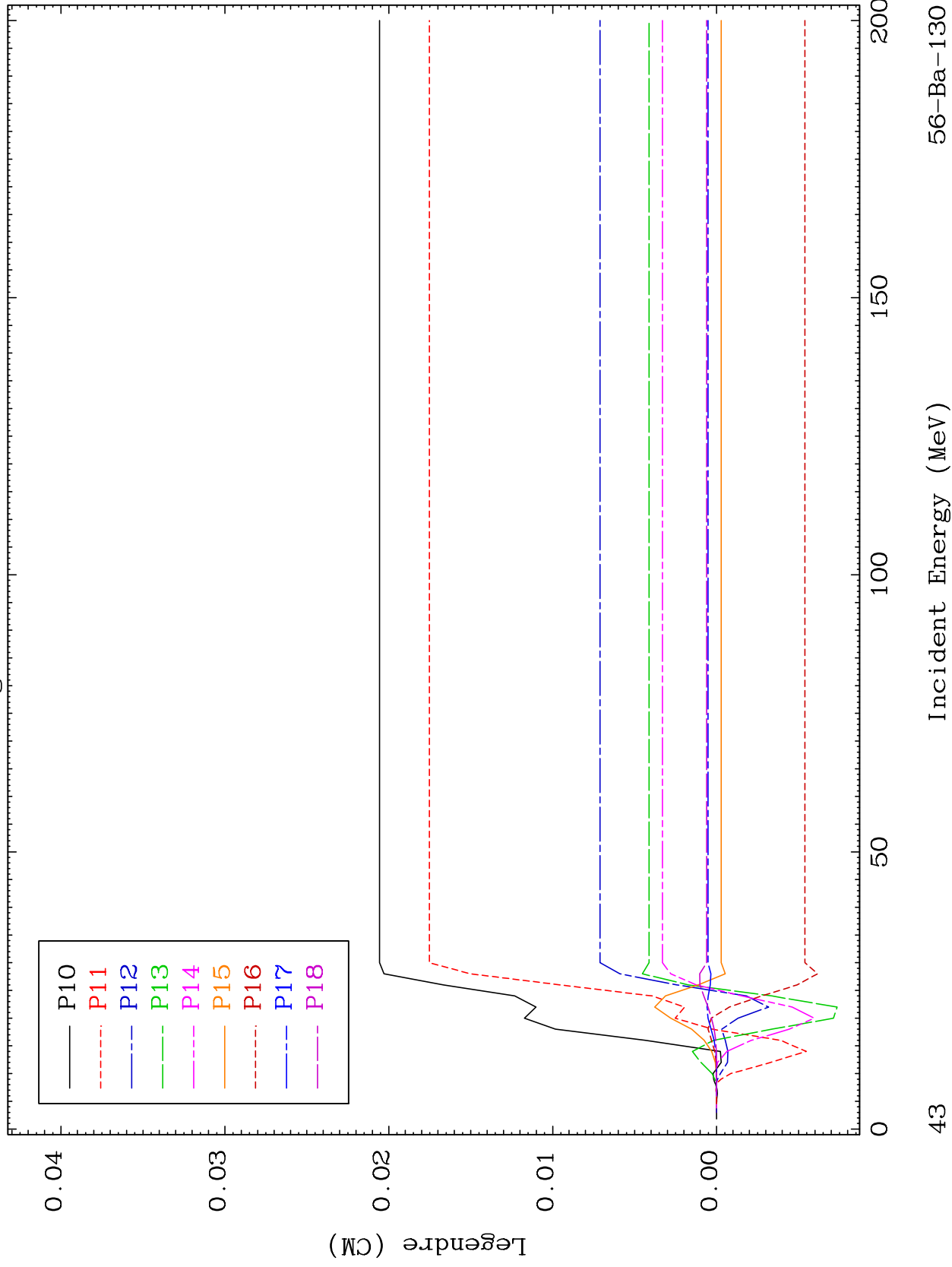




MAT 5625

1.478 MeV (n,n') Level  
Legendre Coefficients

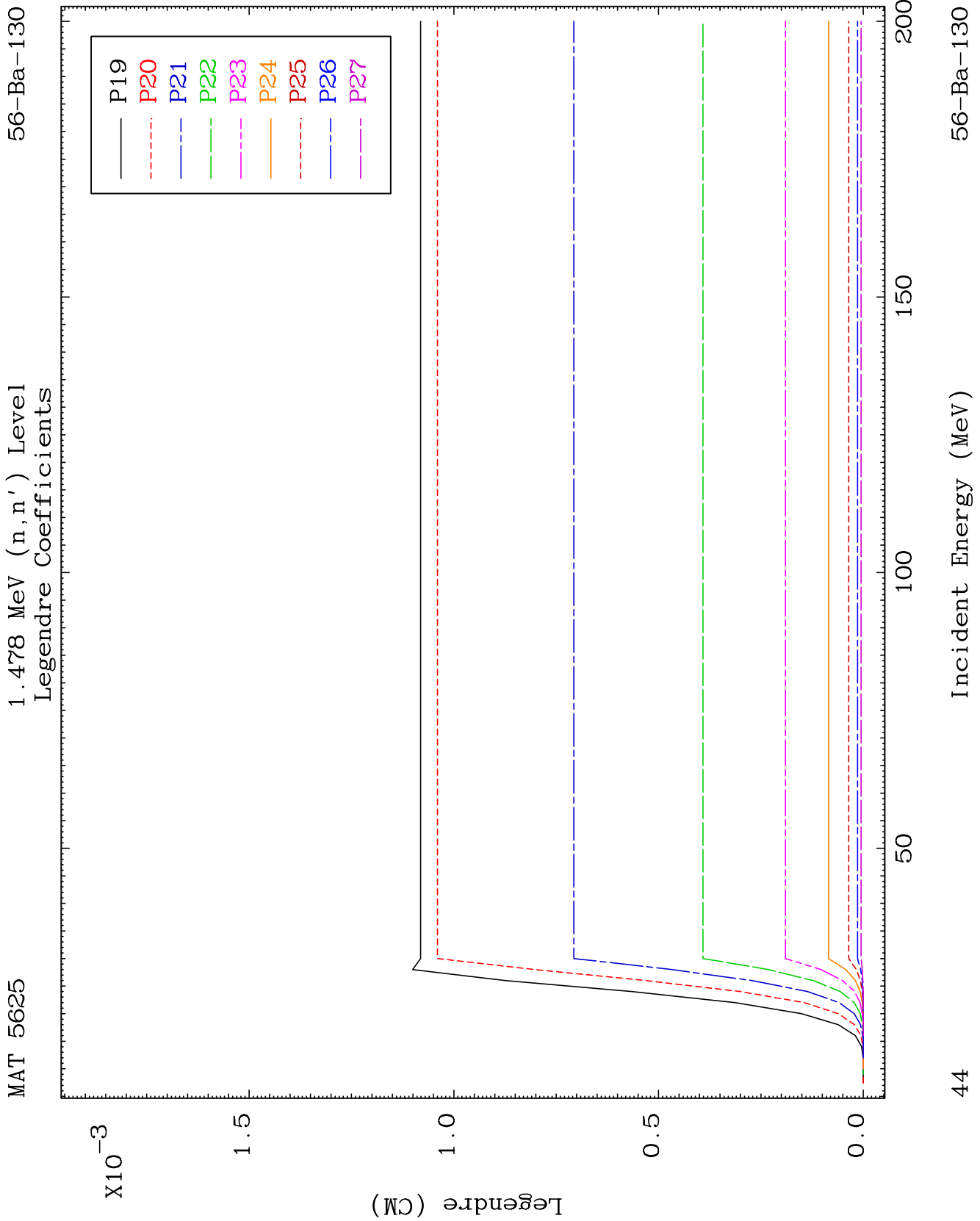
56-Ba-130

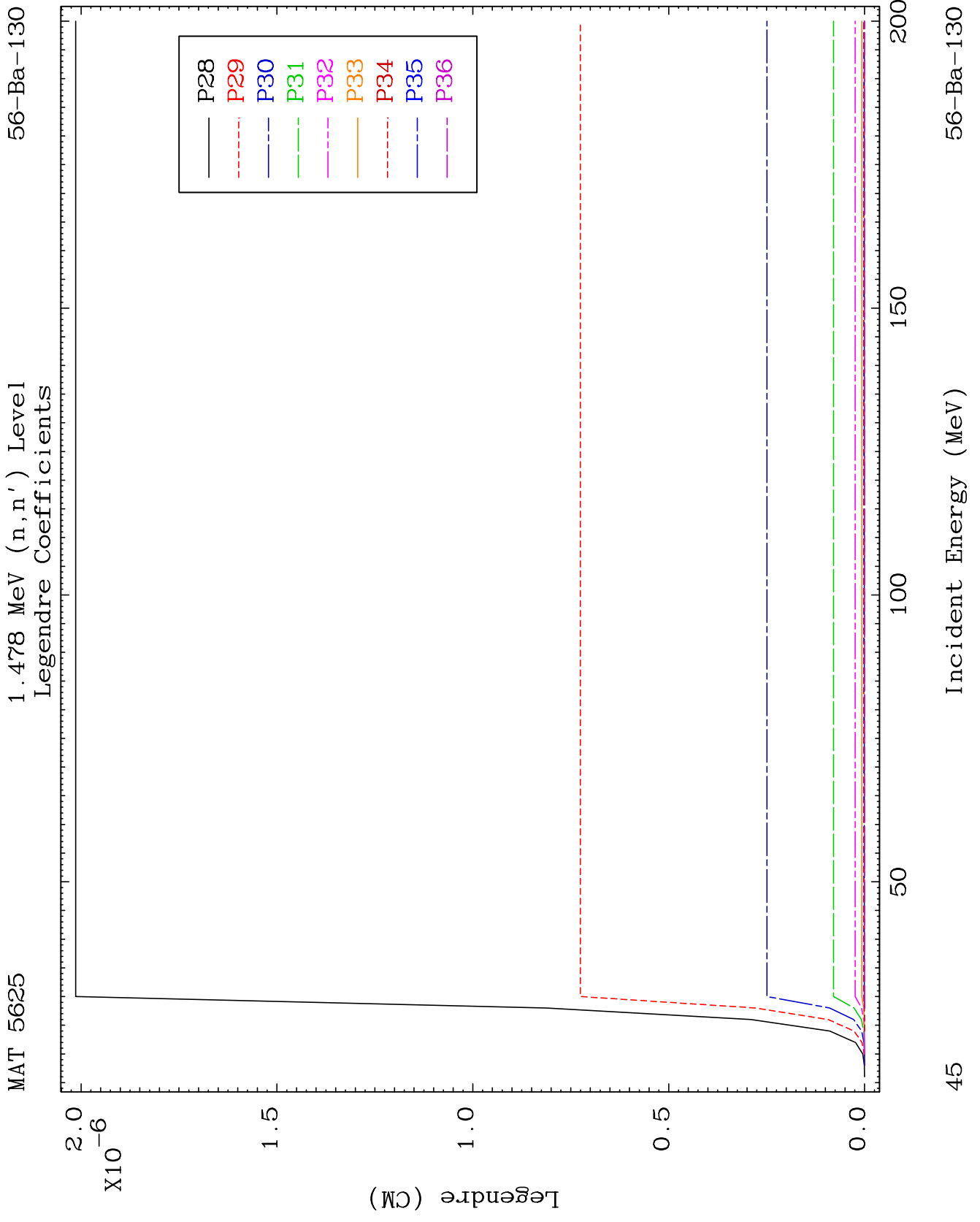


56-Ba-130

Incident Energy (MeV)

43



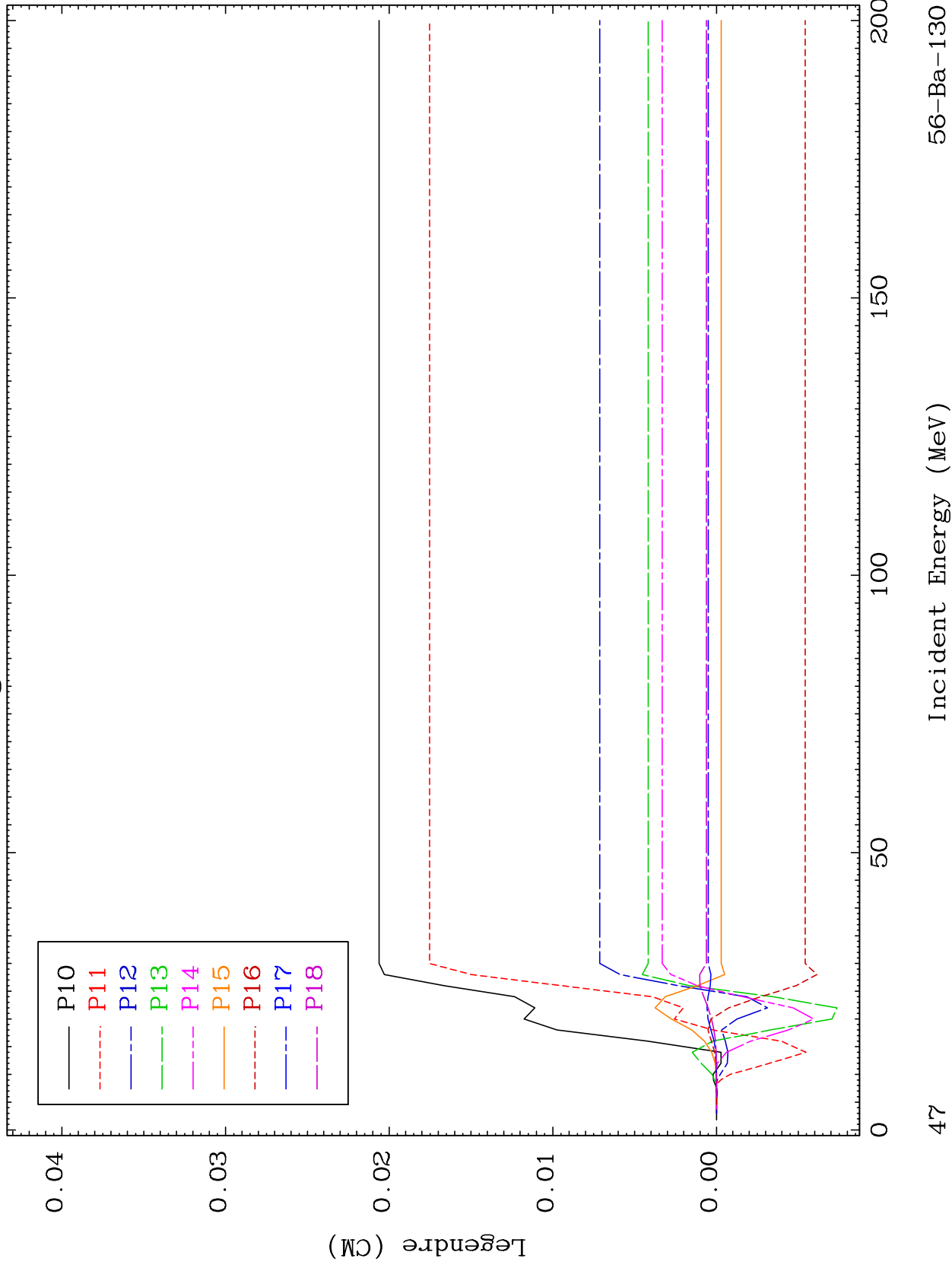




MAT 5625

1.544 MeV (n, n') Level  
Legendre Coefficients

56-Ba-130

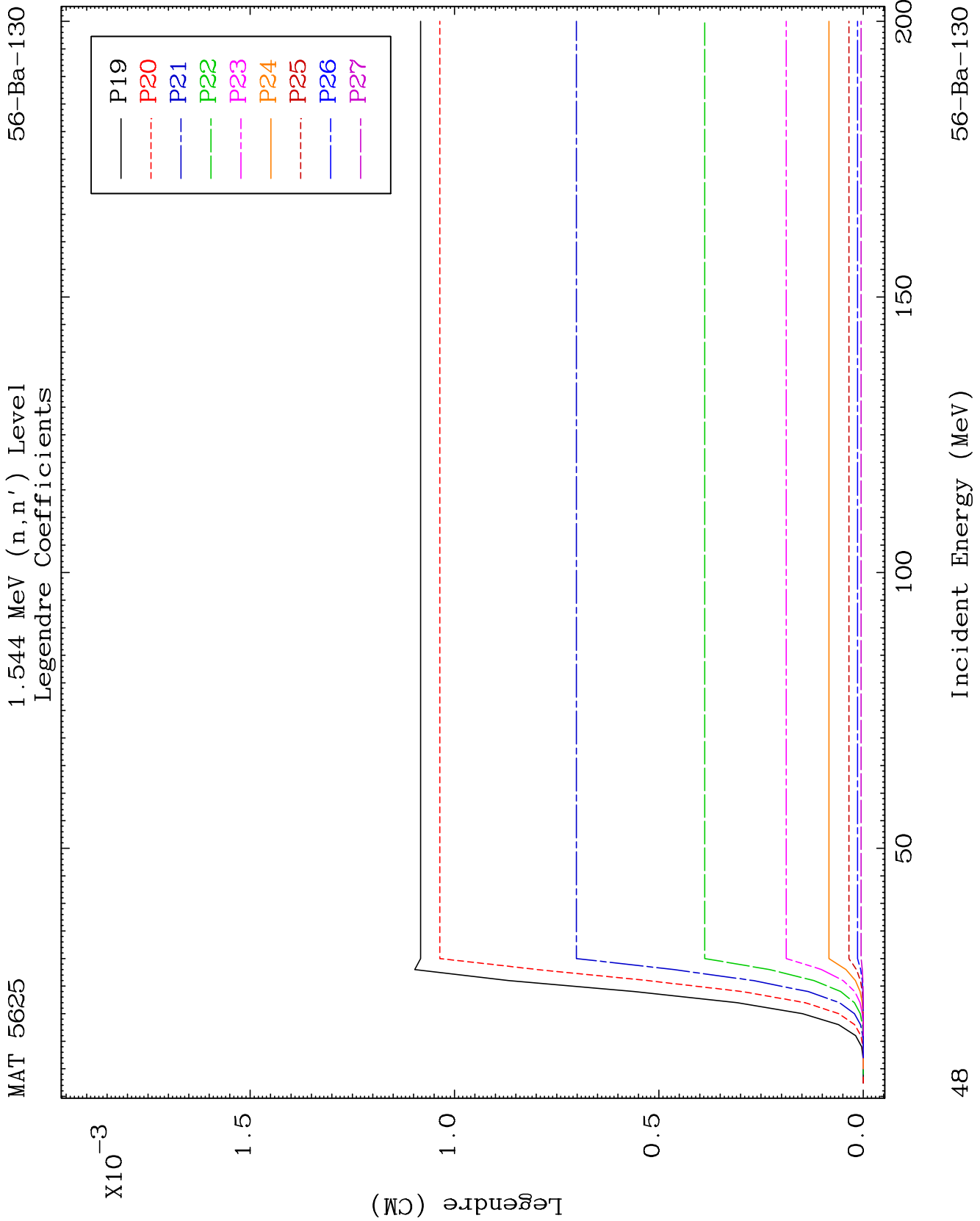


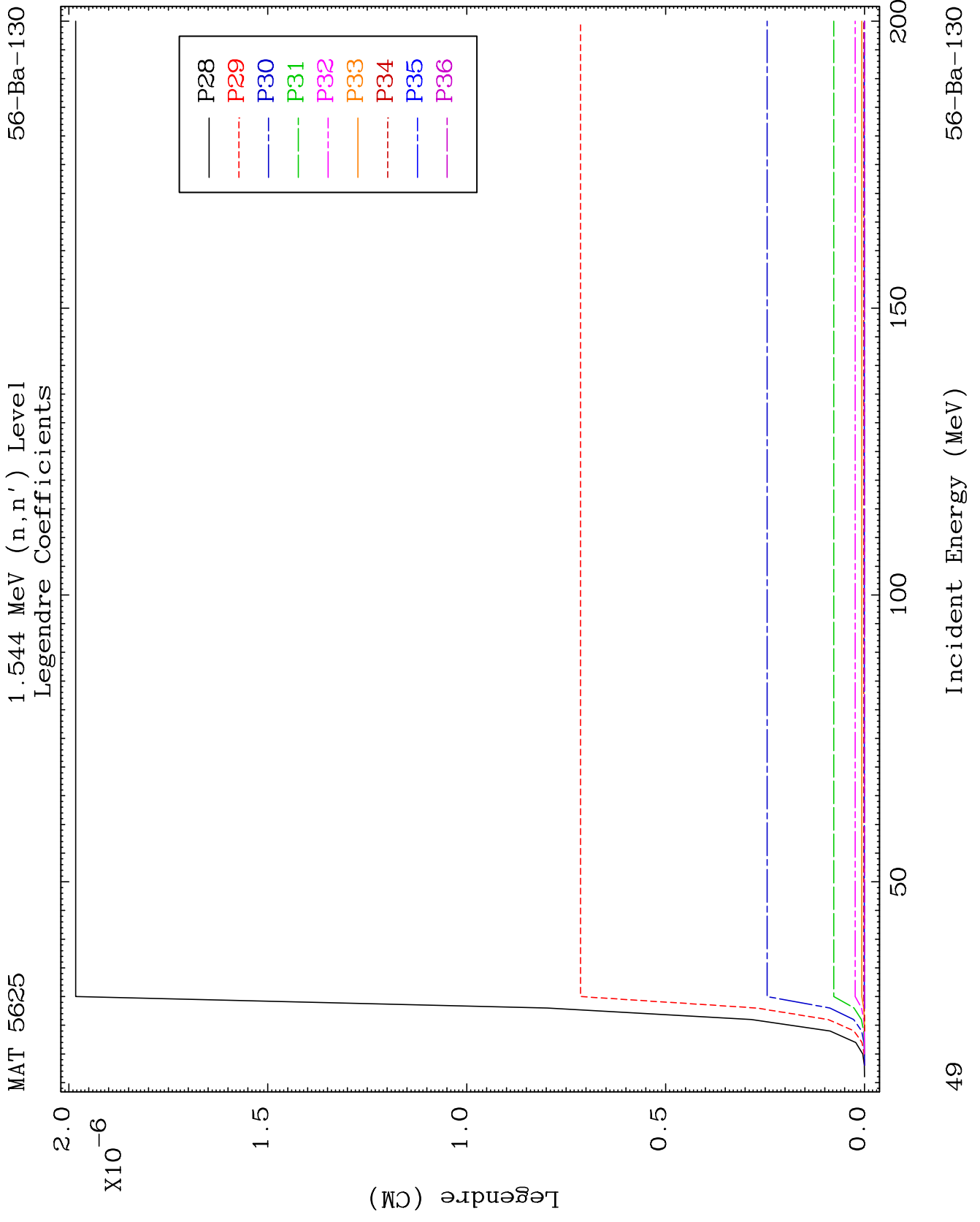
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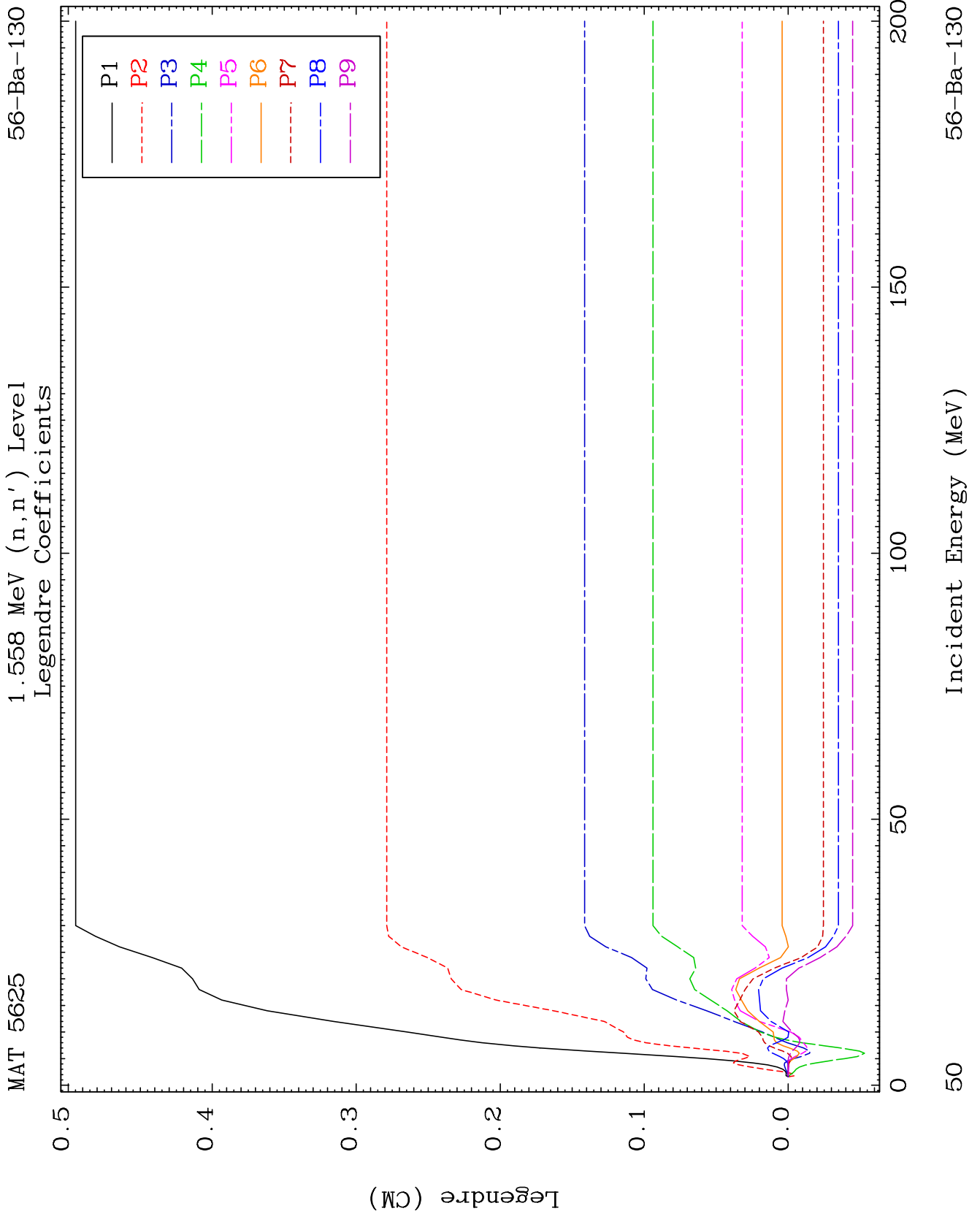
Incident Energy (MeV)

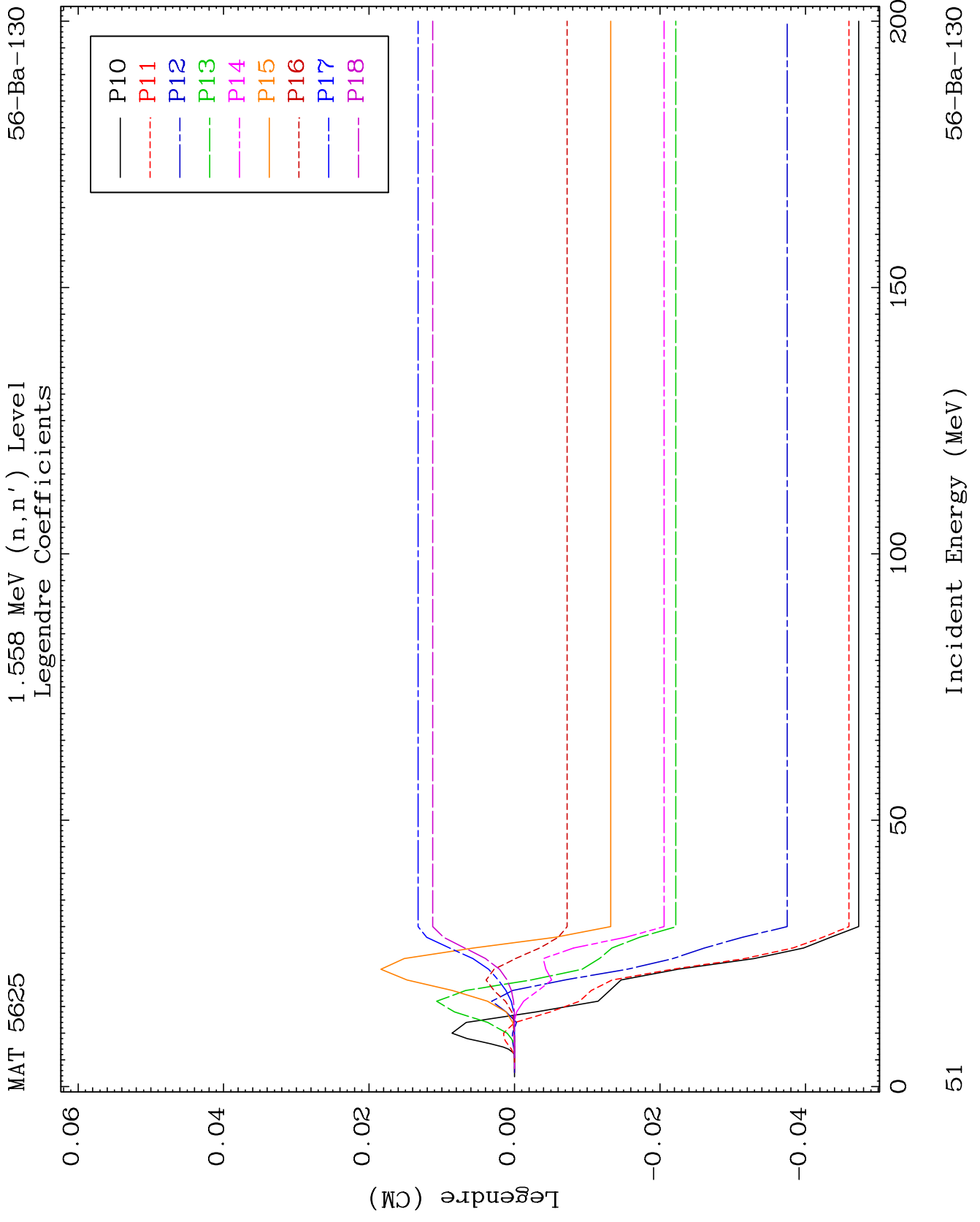
56-Ba-130

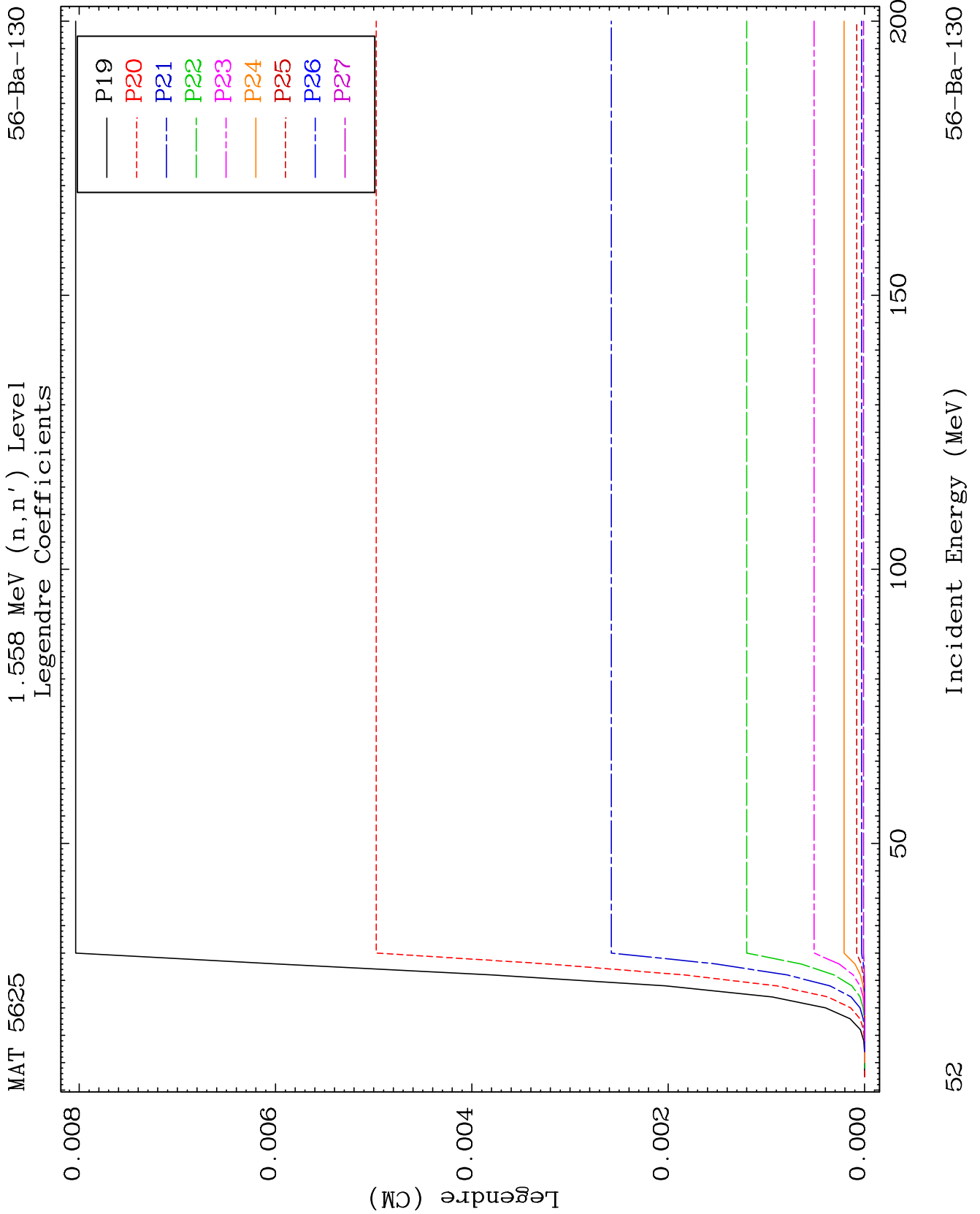


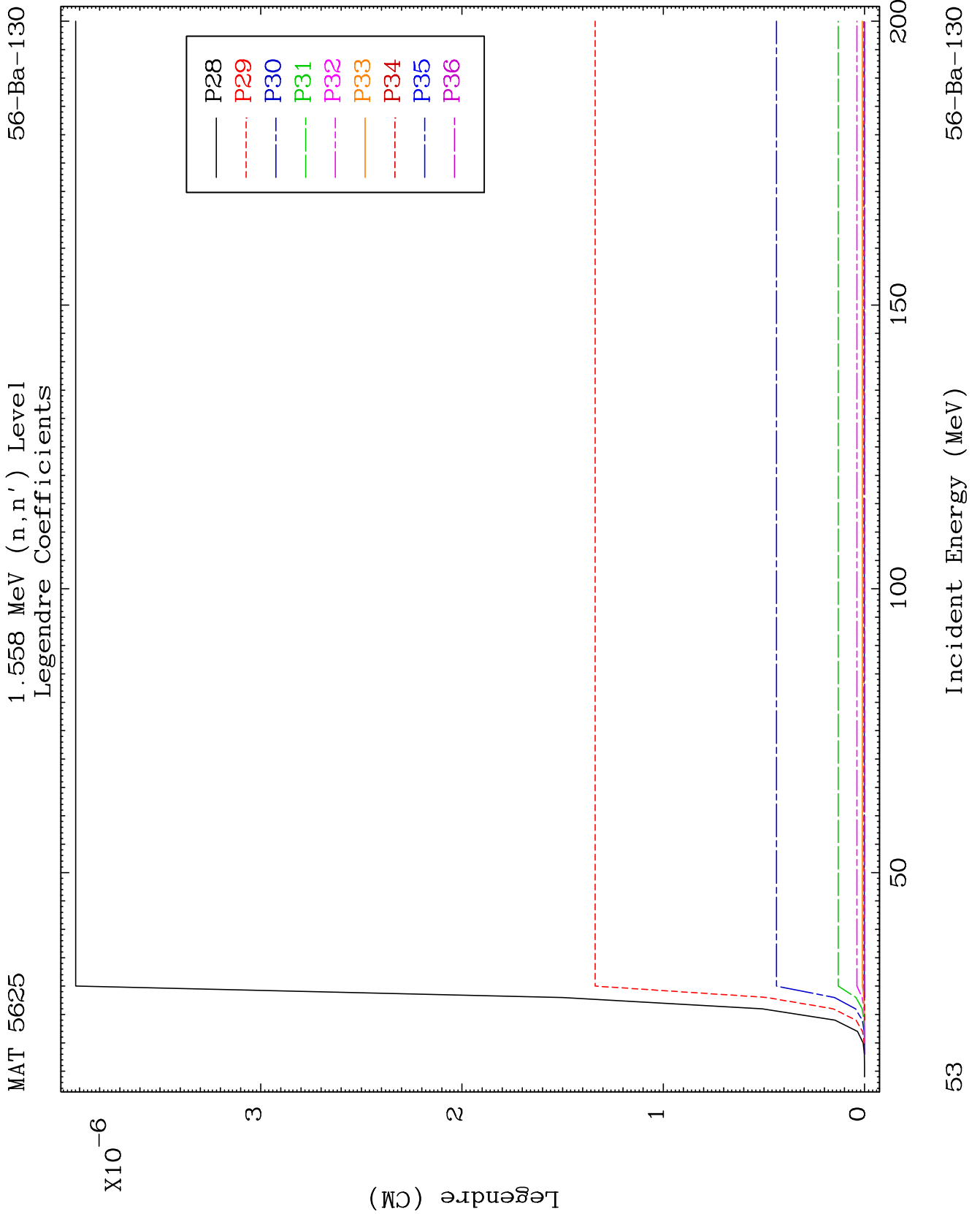


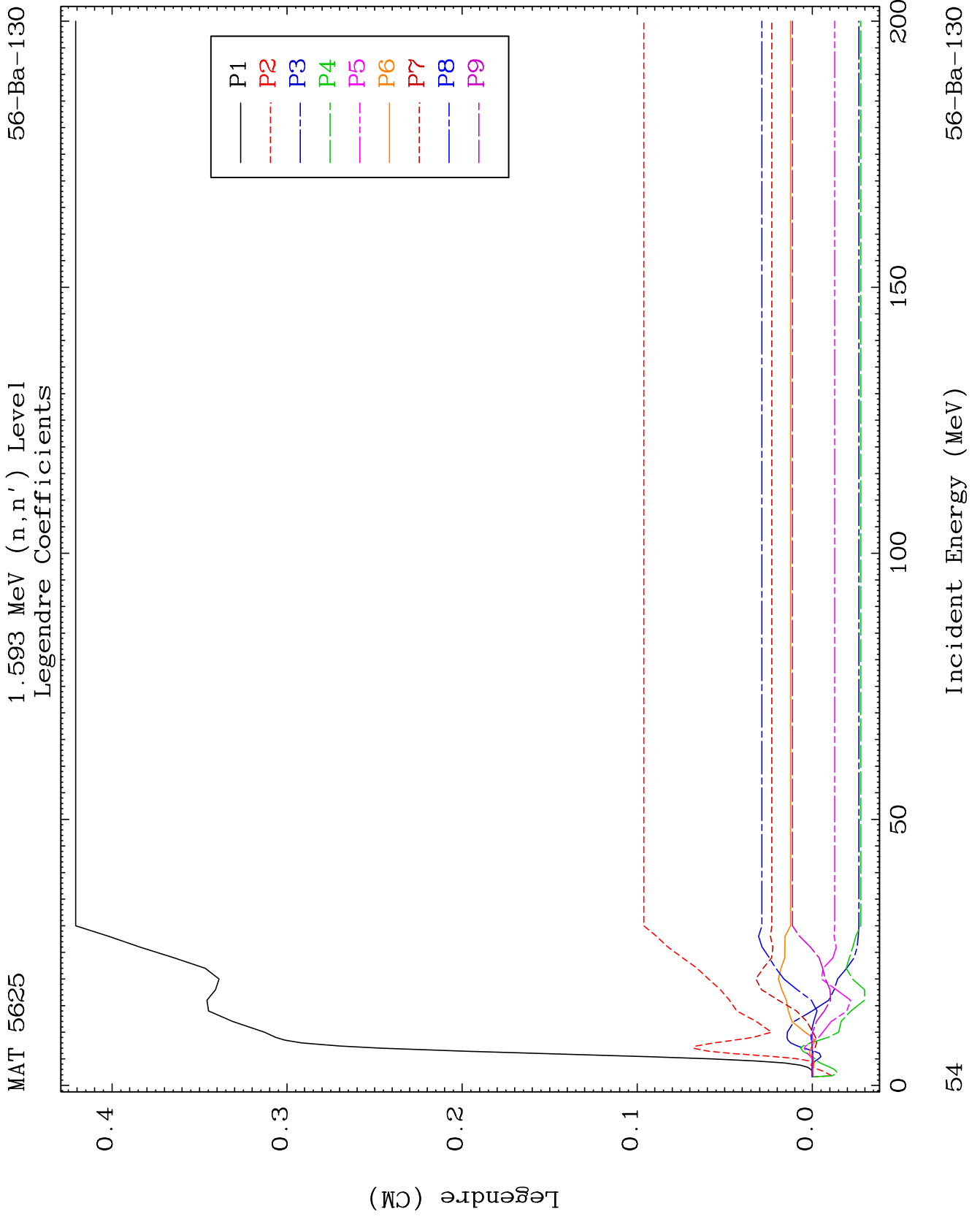






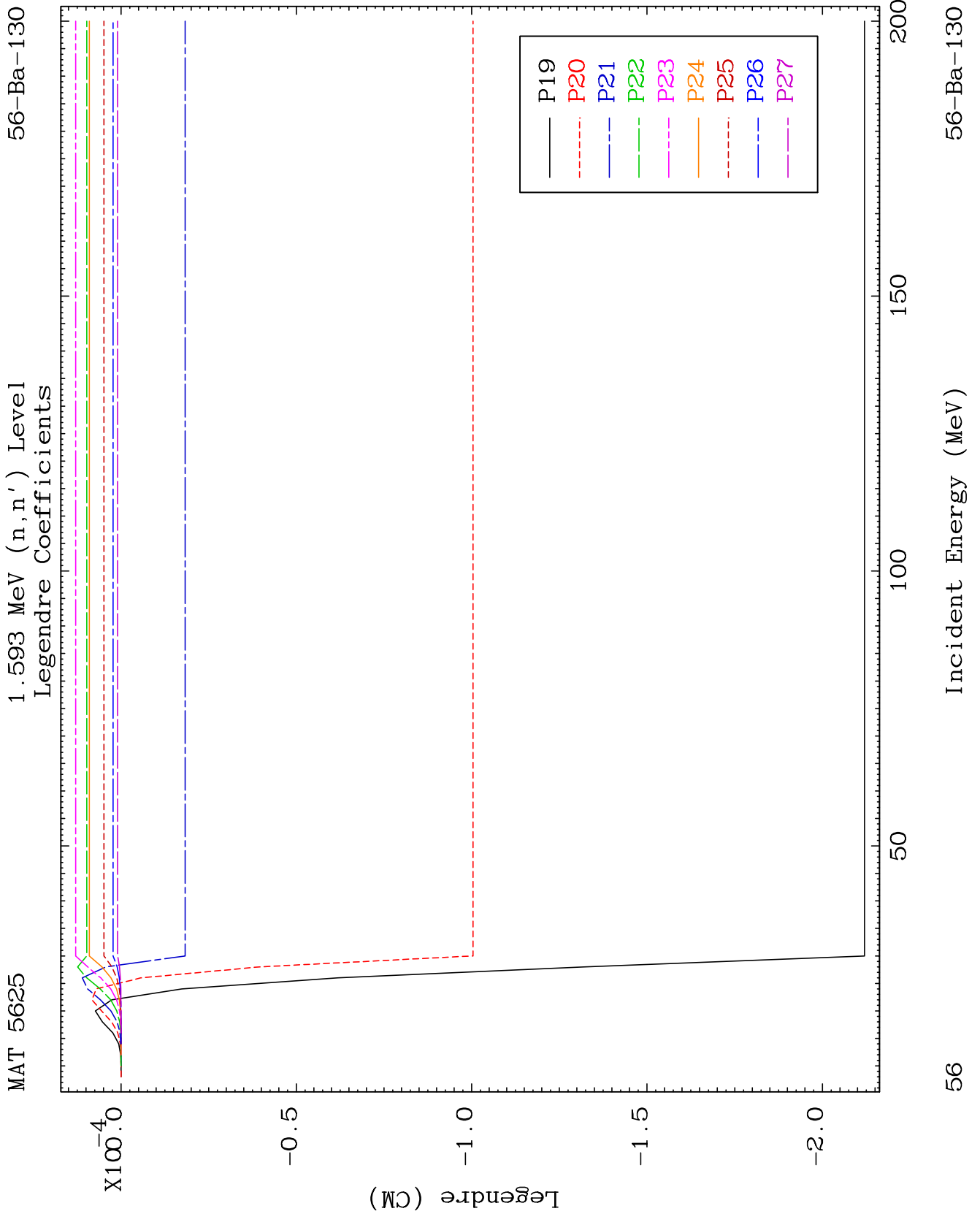


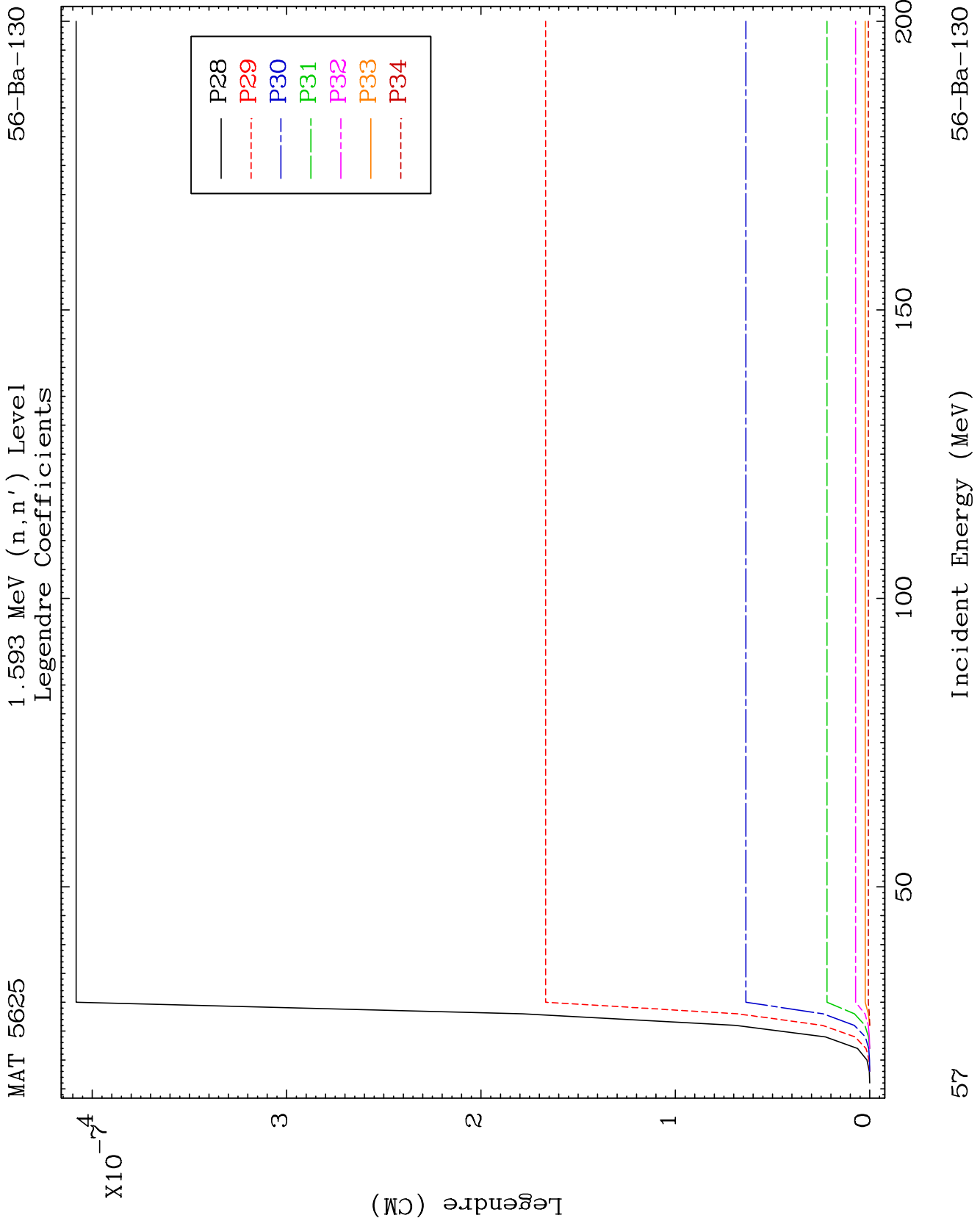










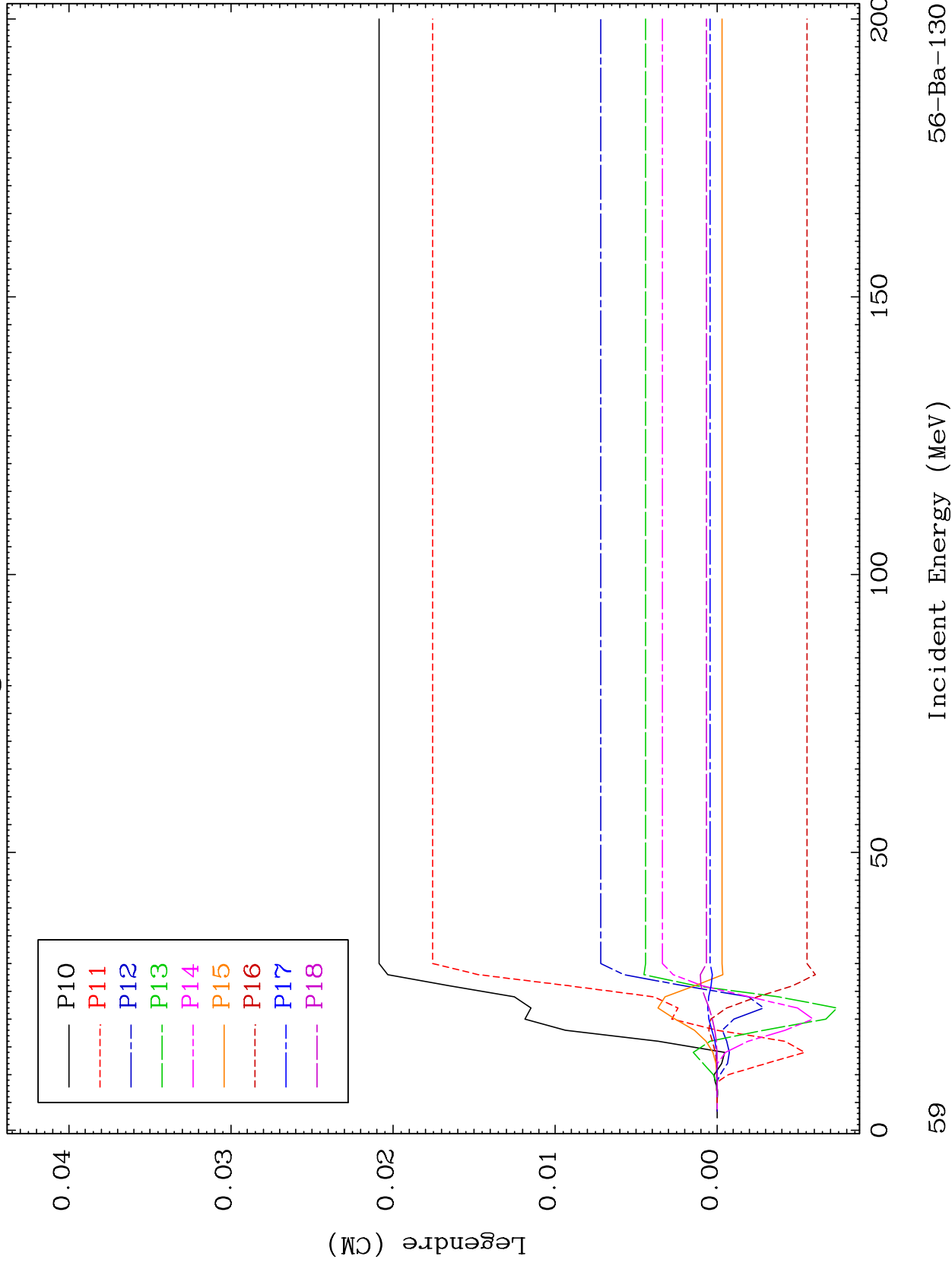




MAT 5625

1.845 MeV (n,n') Level  
Legendre Coefficients

56-Ba-130



56-Ba-130

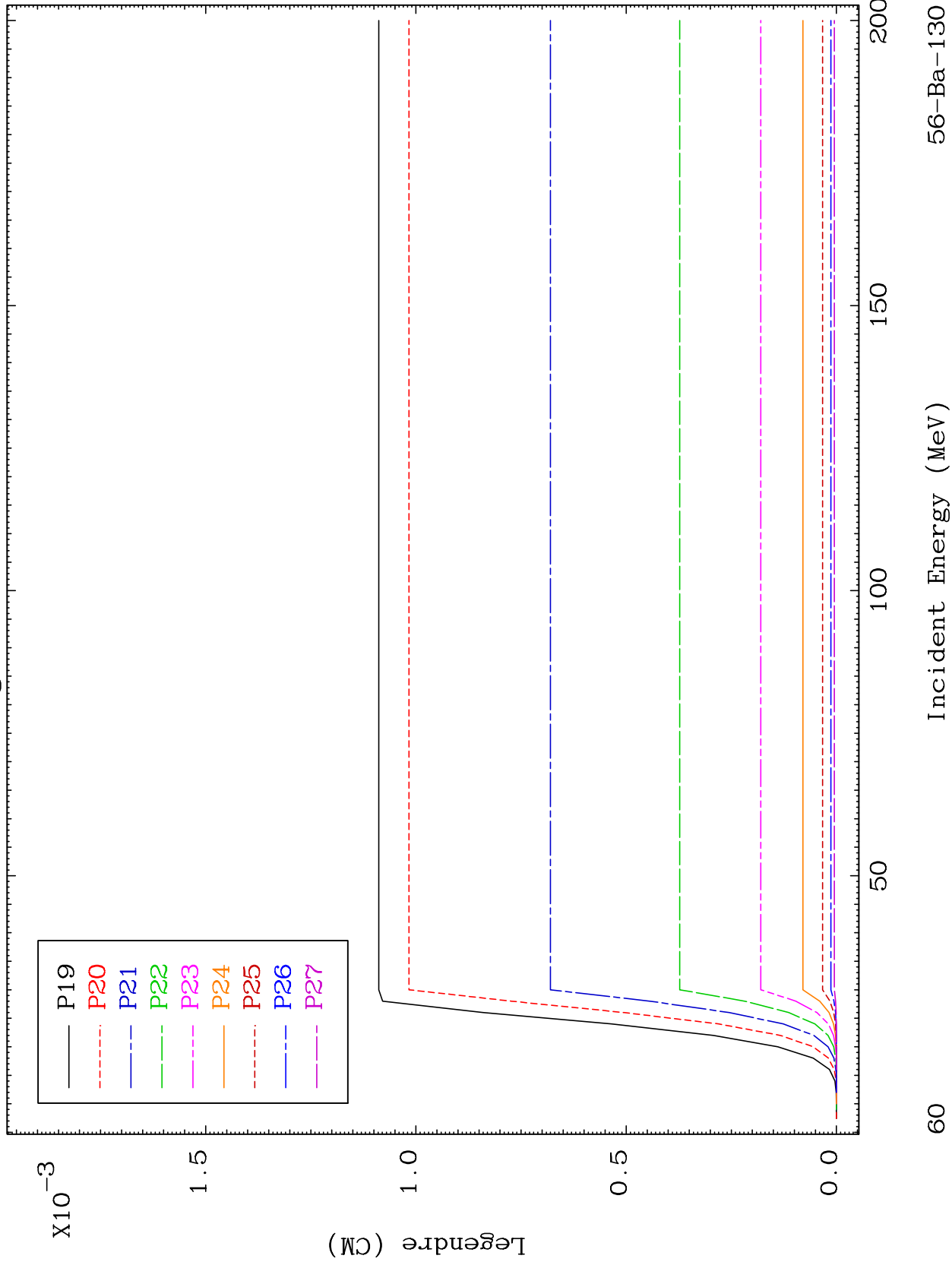
Incident Energy (MeV)

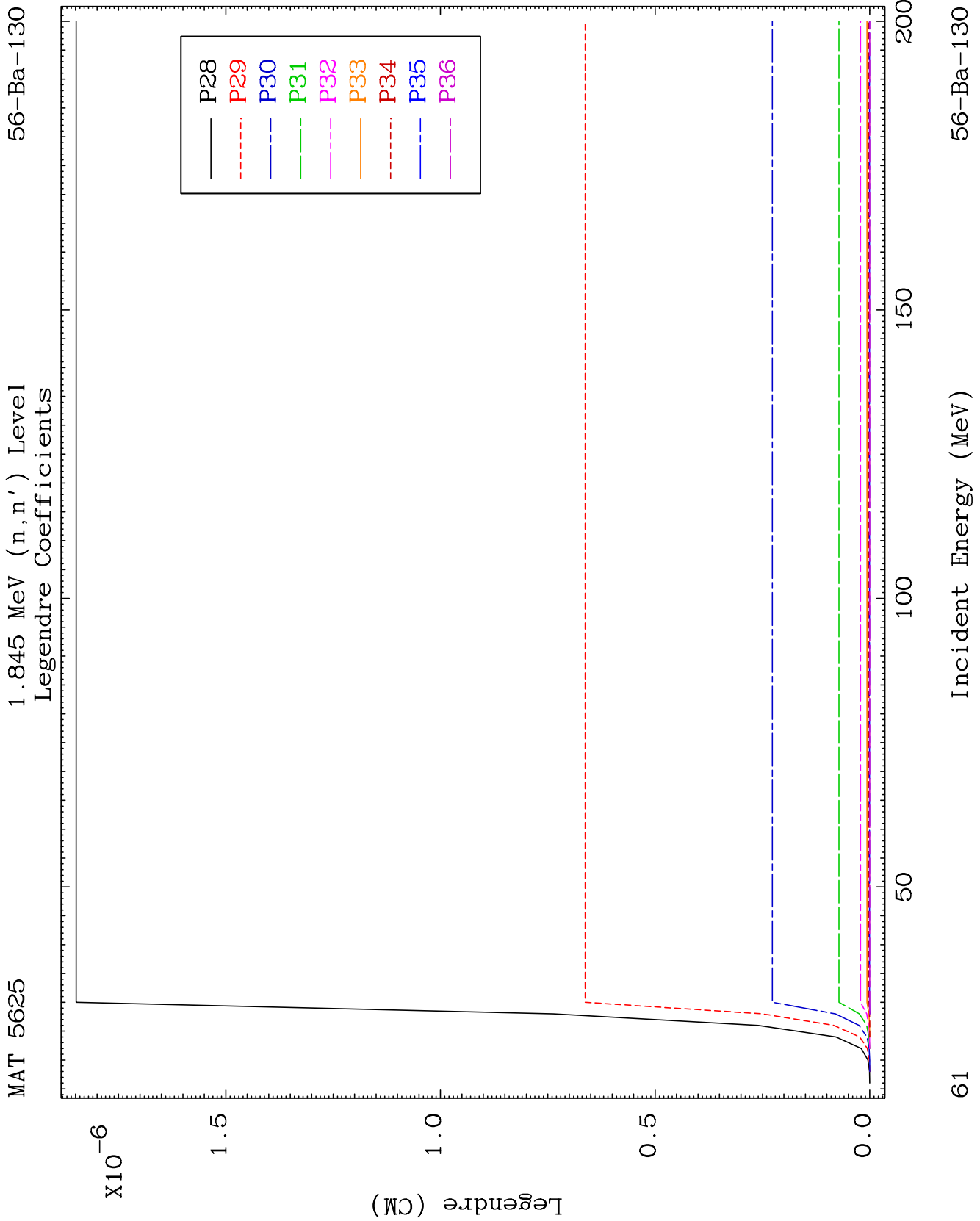
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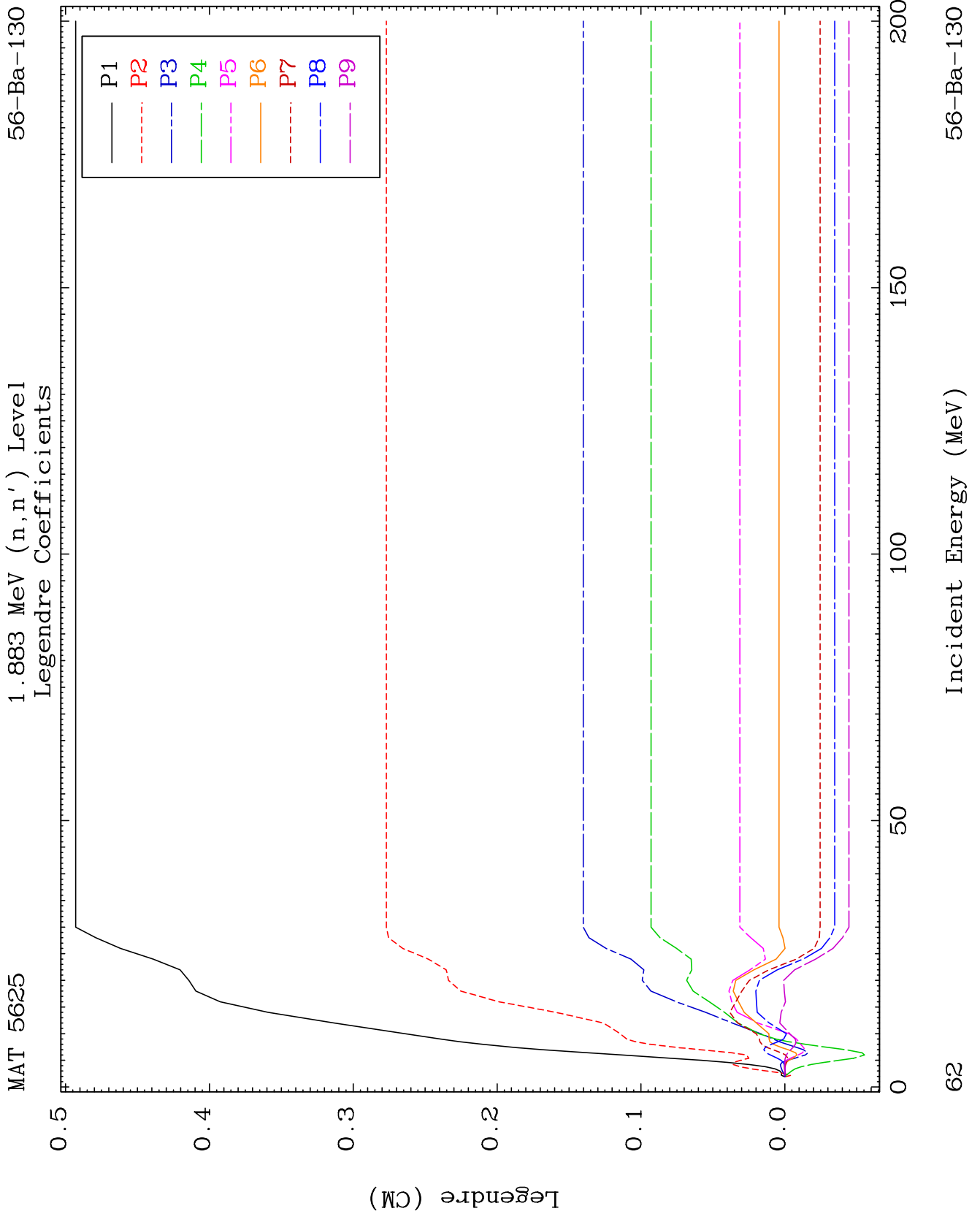
MAT 5625

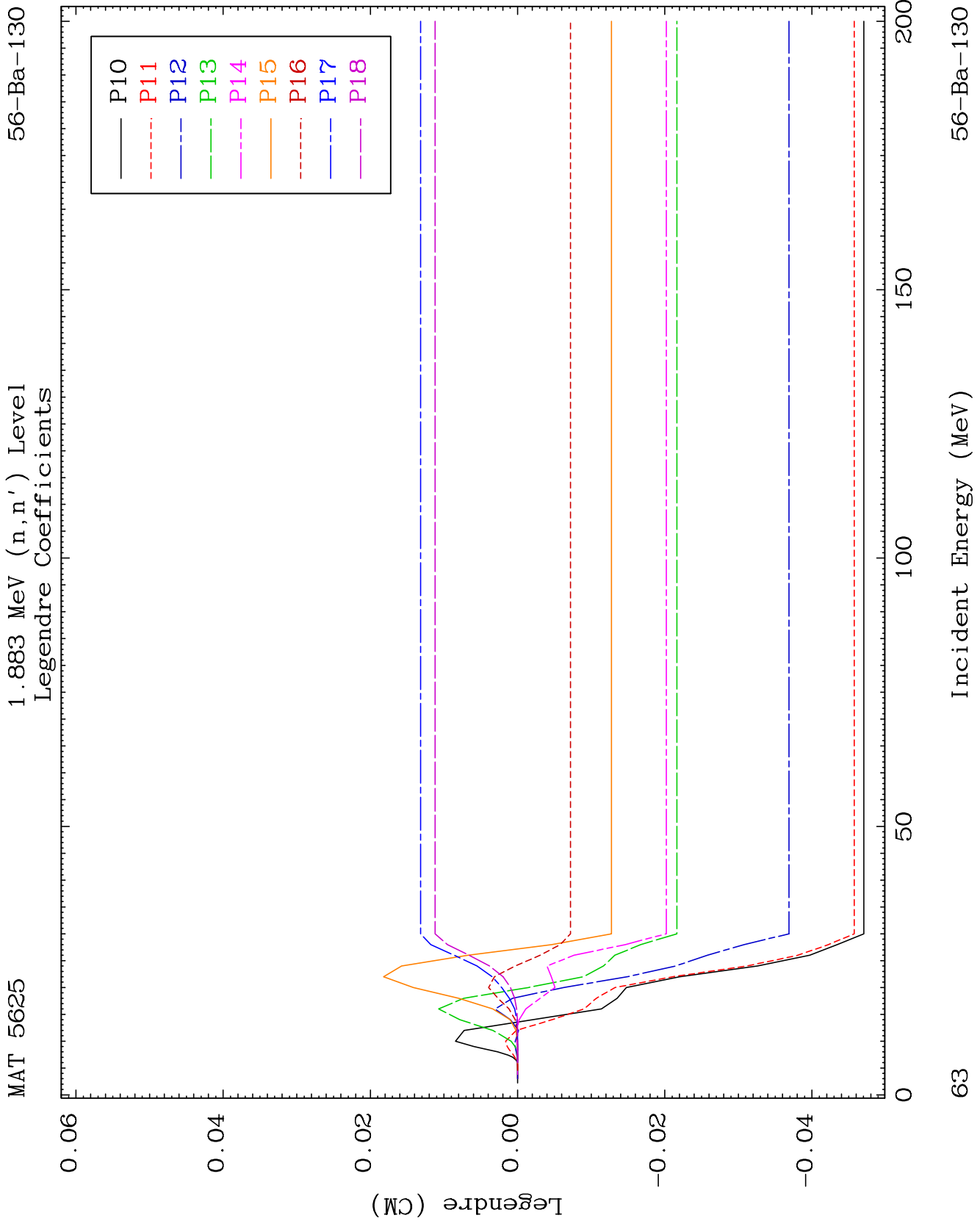
1.845 MeV (n,n') Level  
Legendre Coefficients

56-Ba-130

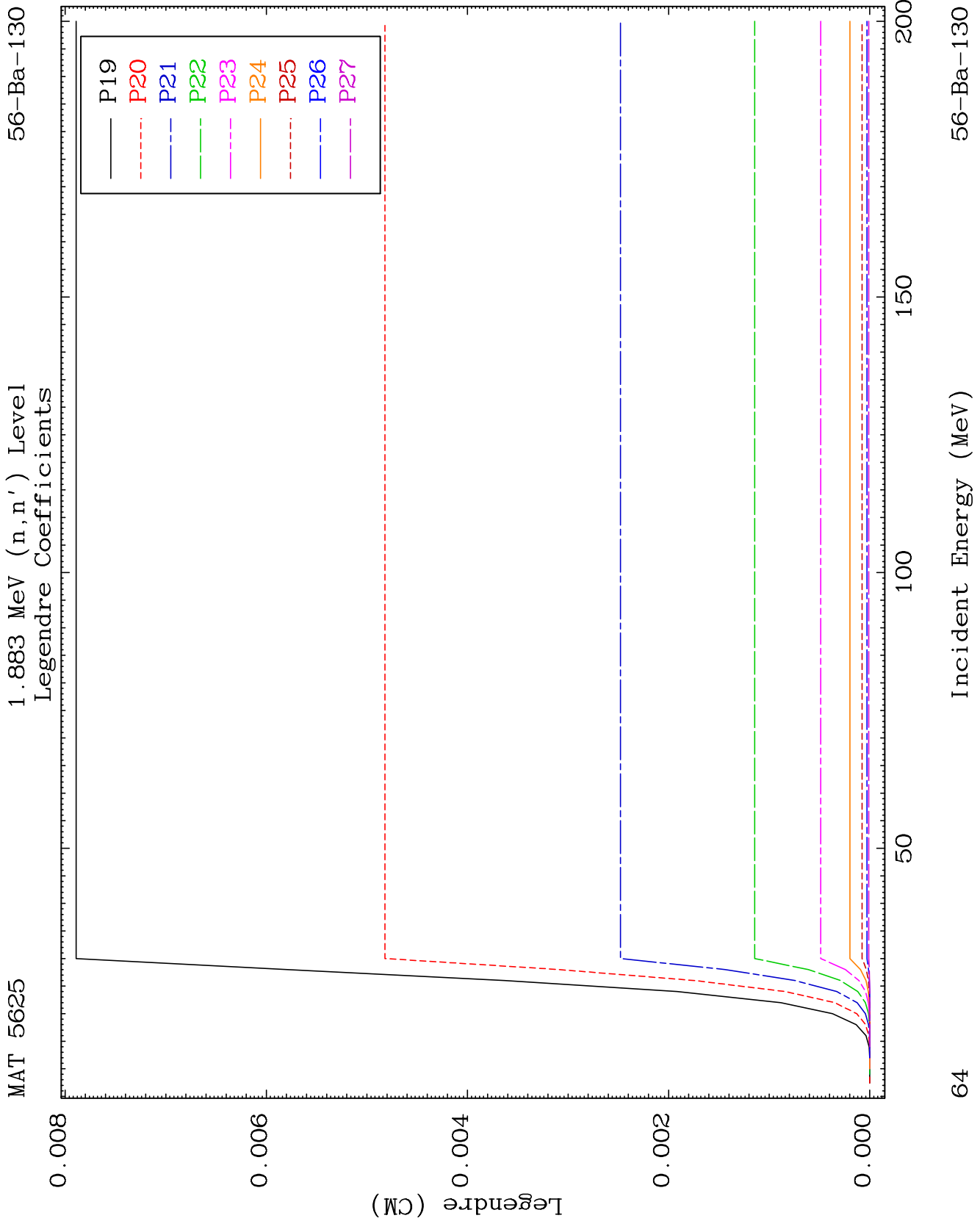


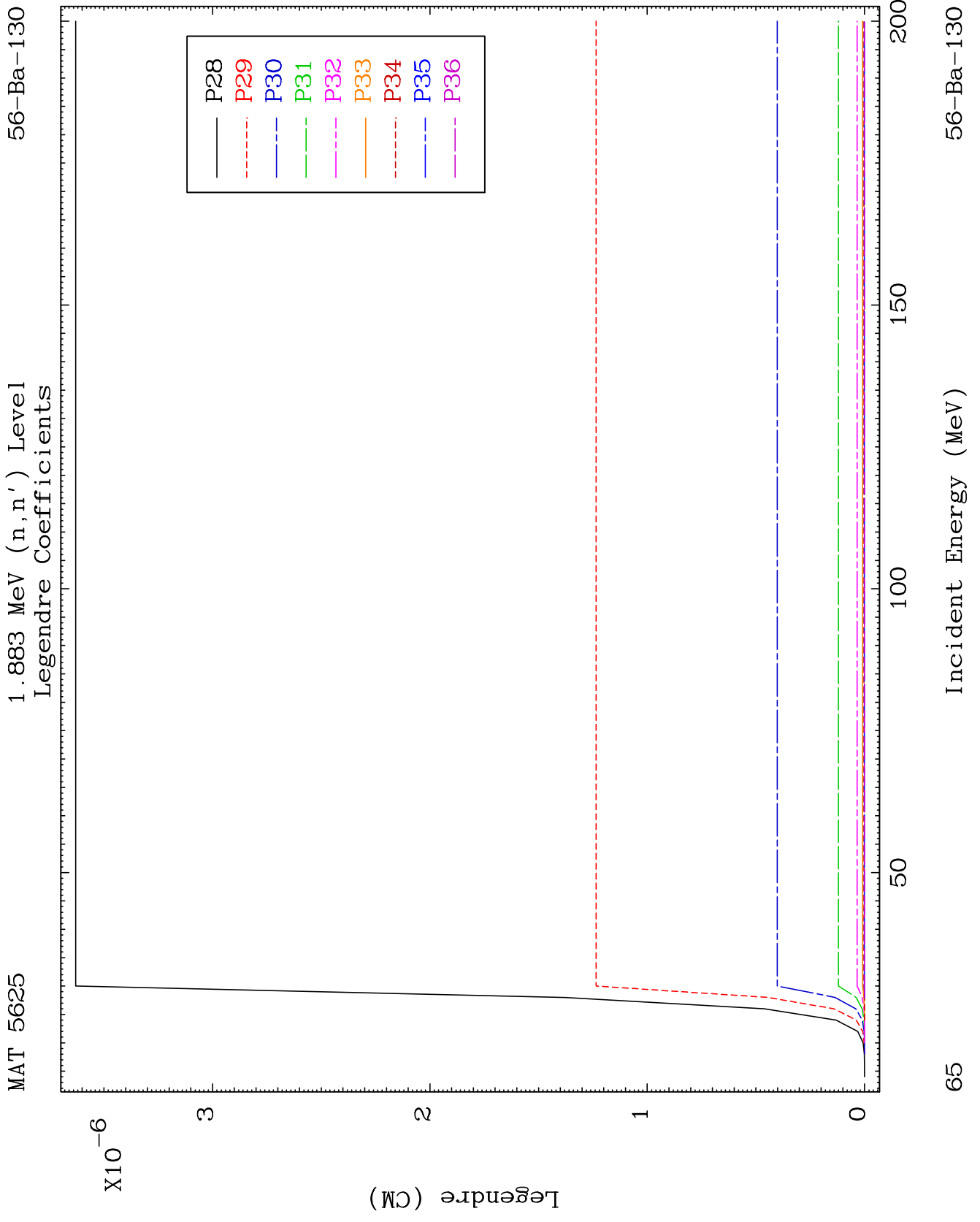


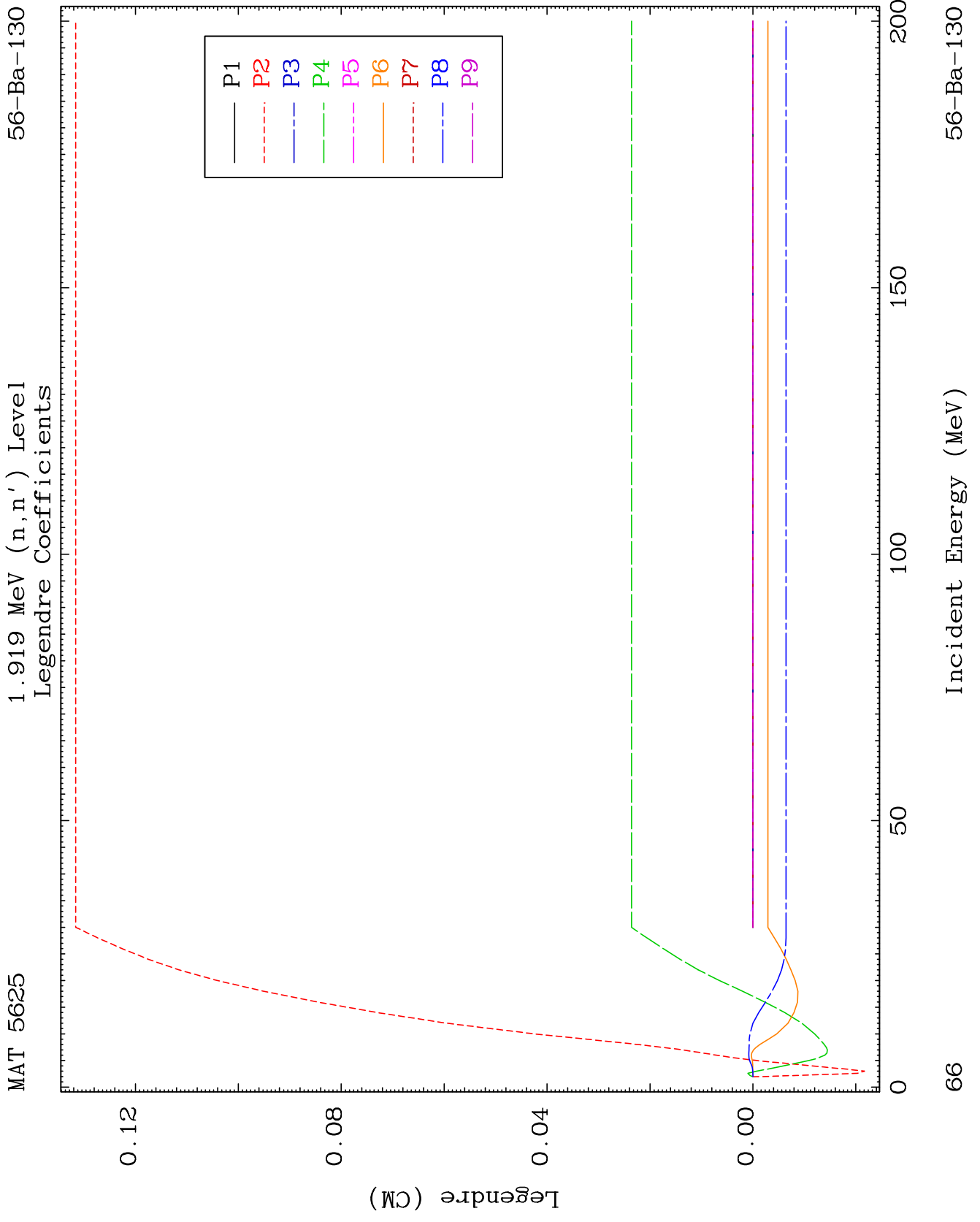


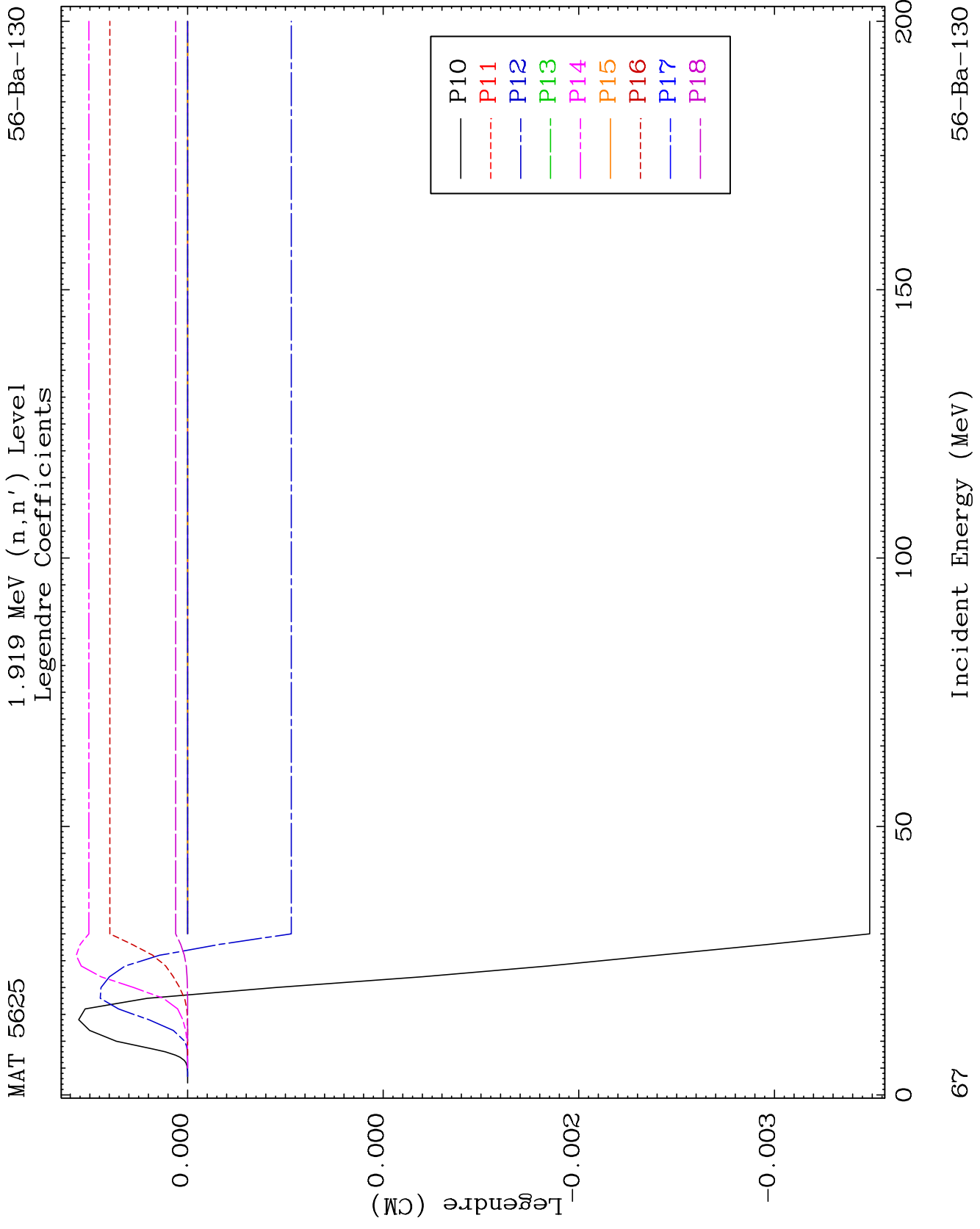


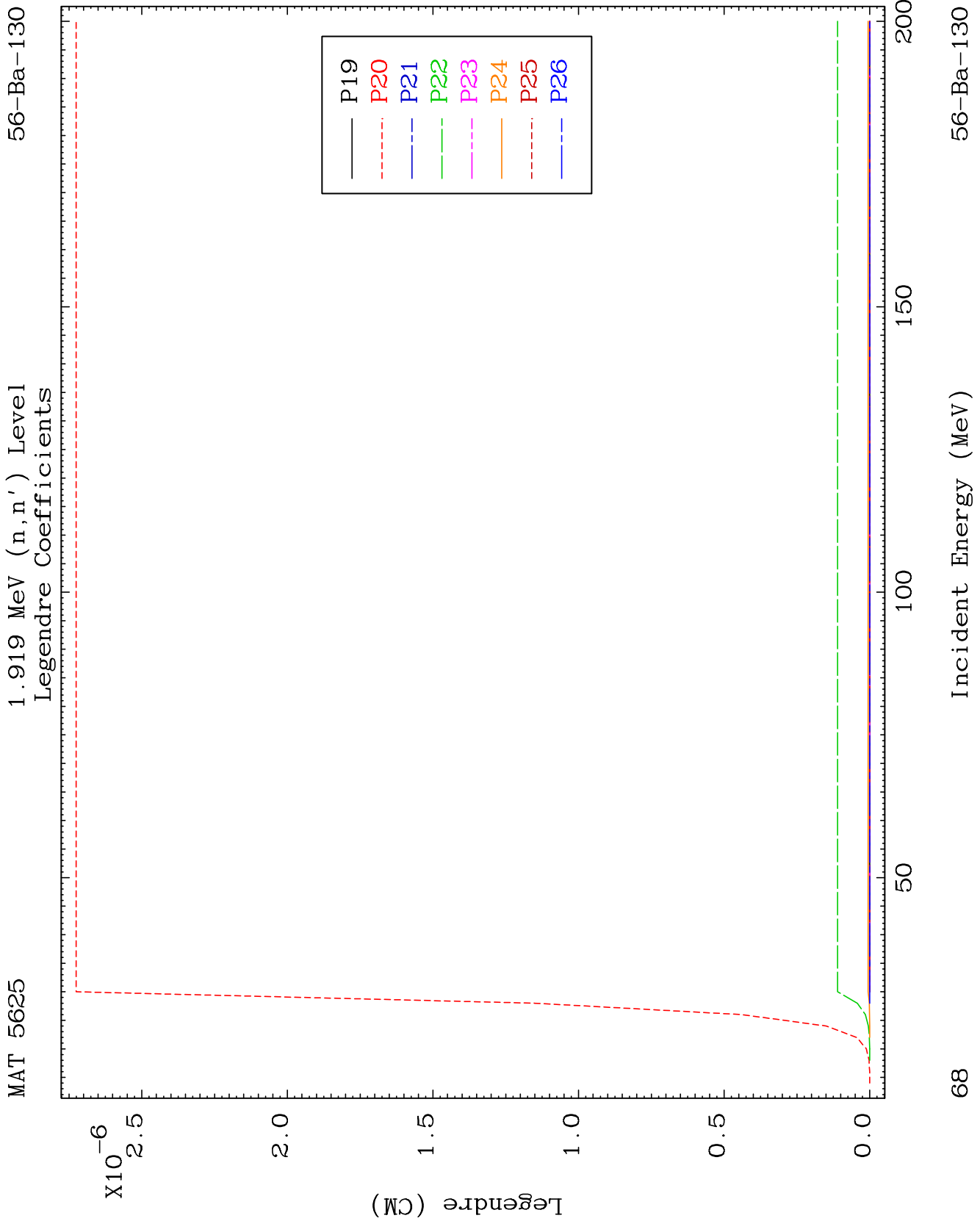


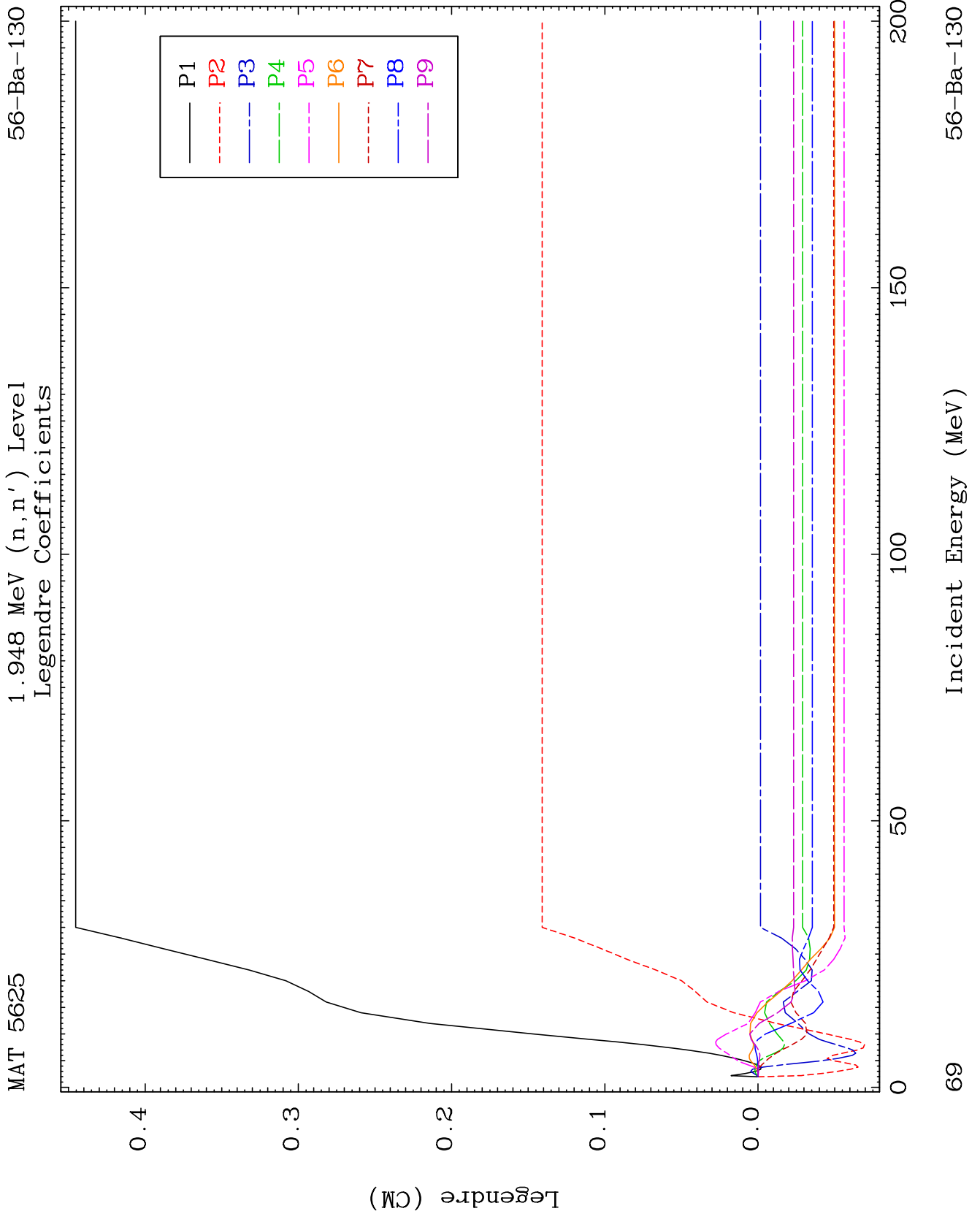


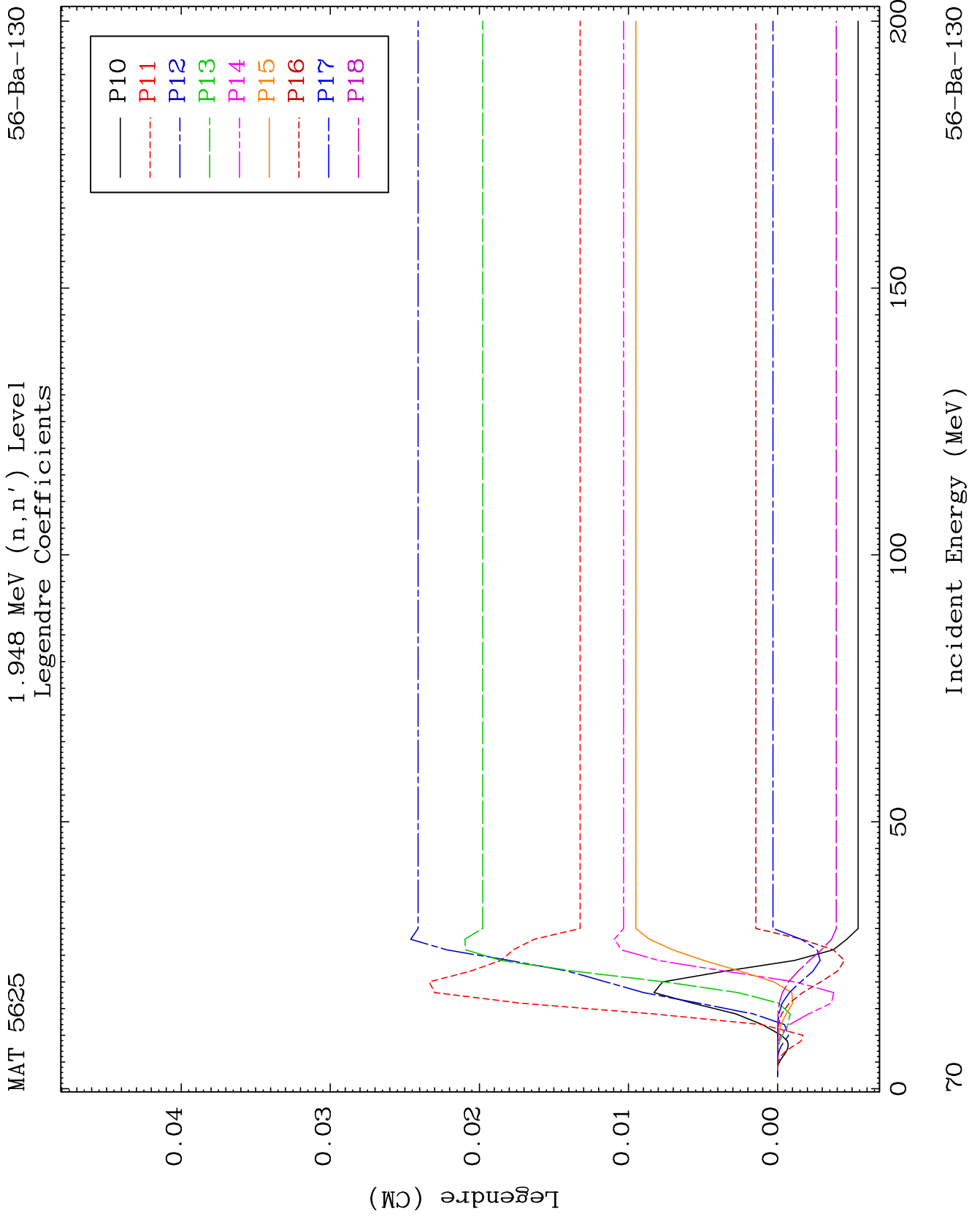


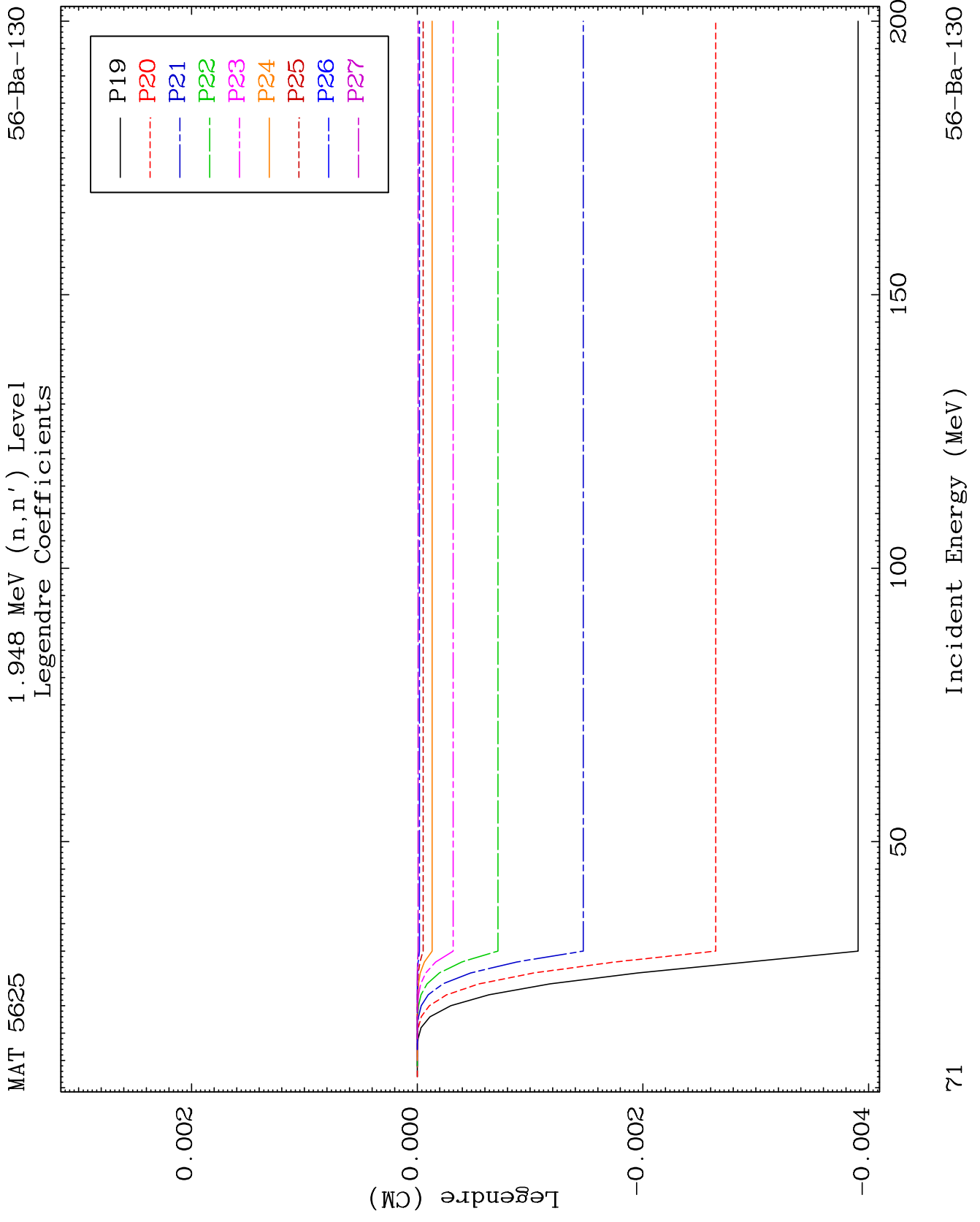




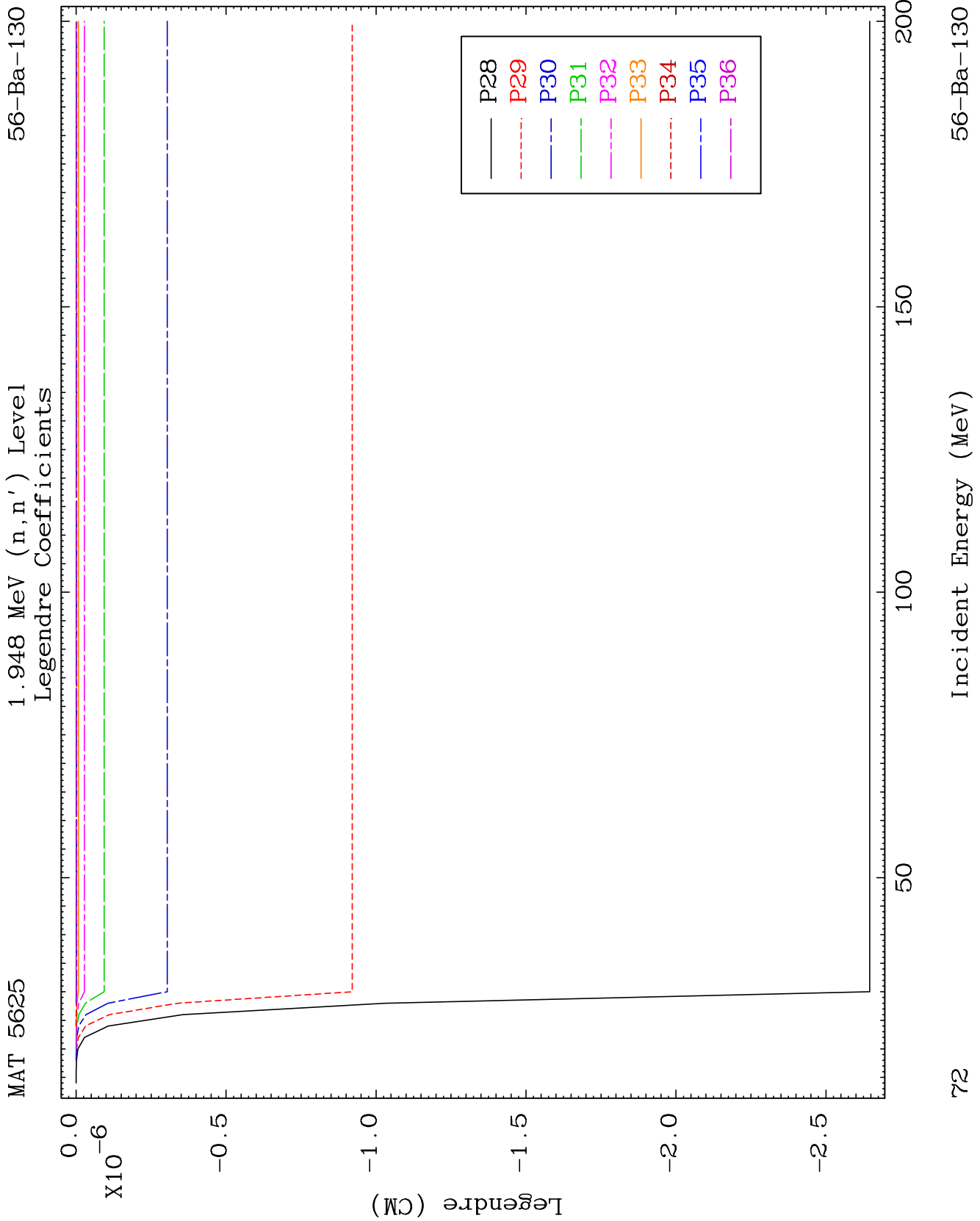


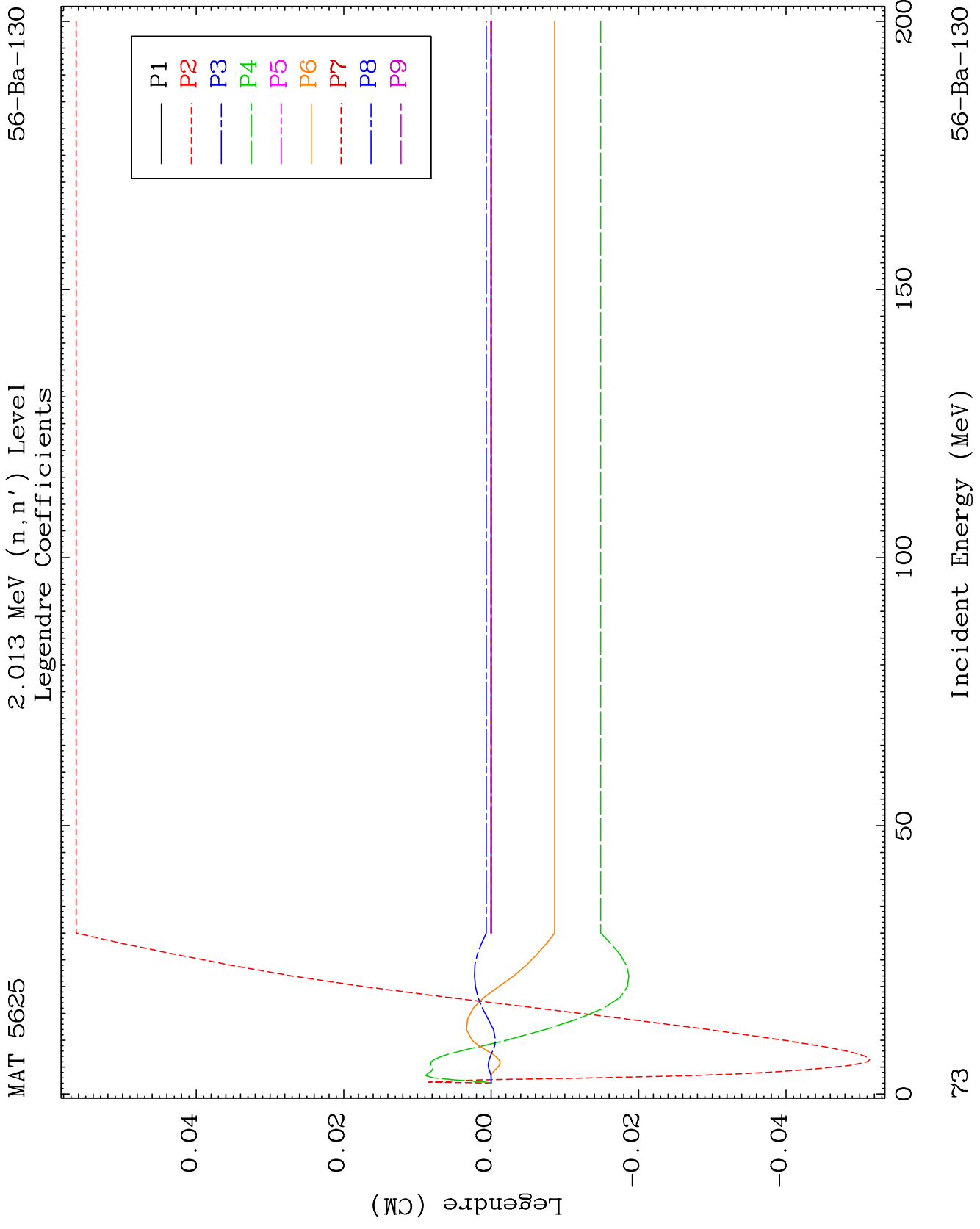








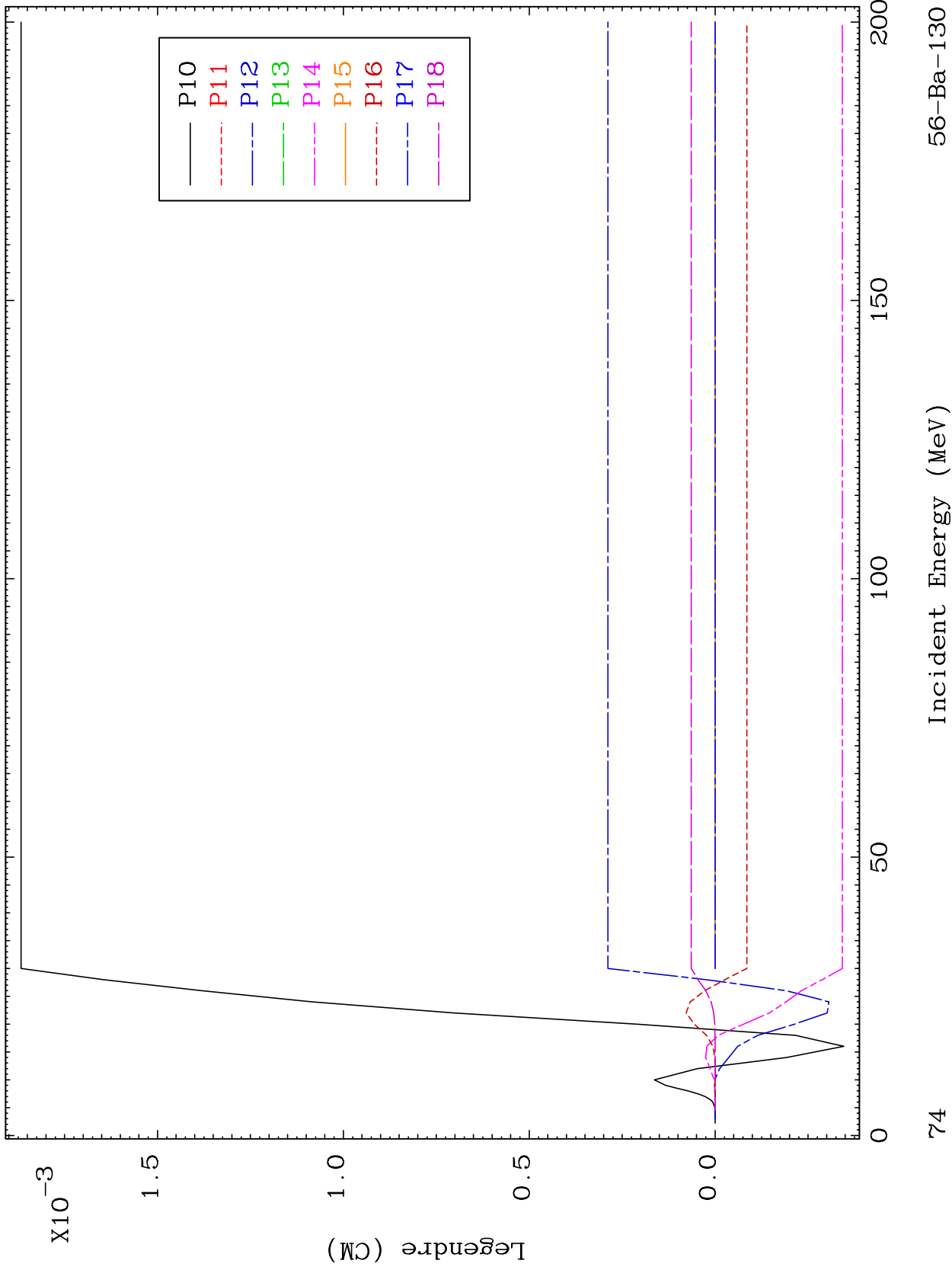




MAT 5625

2.013 MeV (n,n') Level  
Legendre Coefficients

56-Ba-130

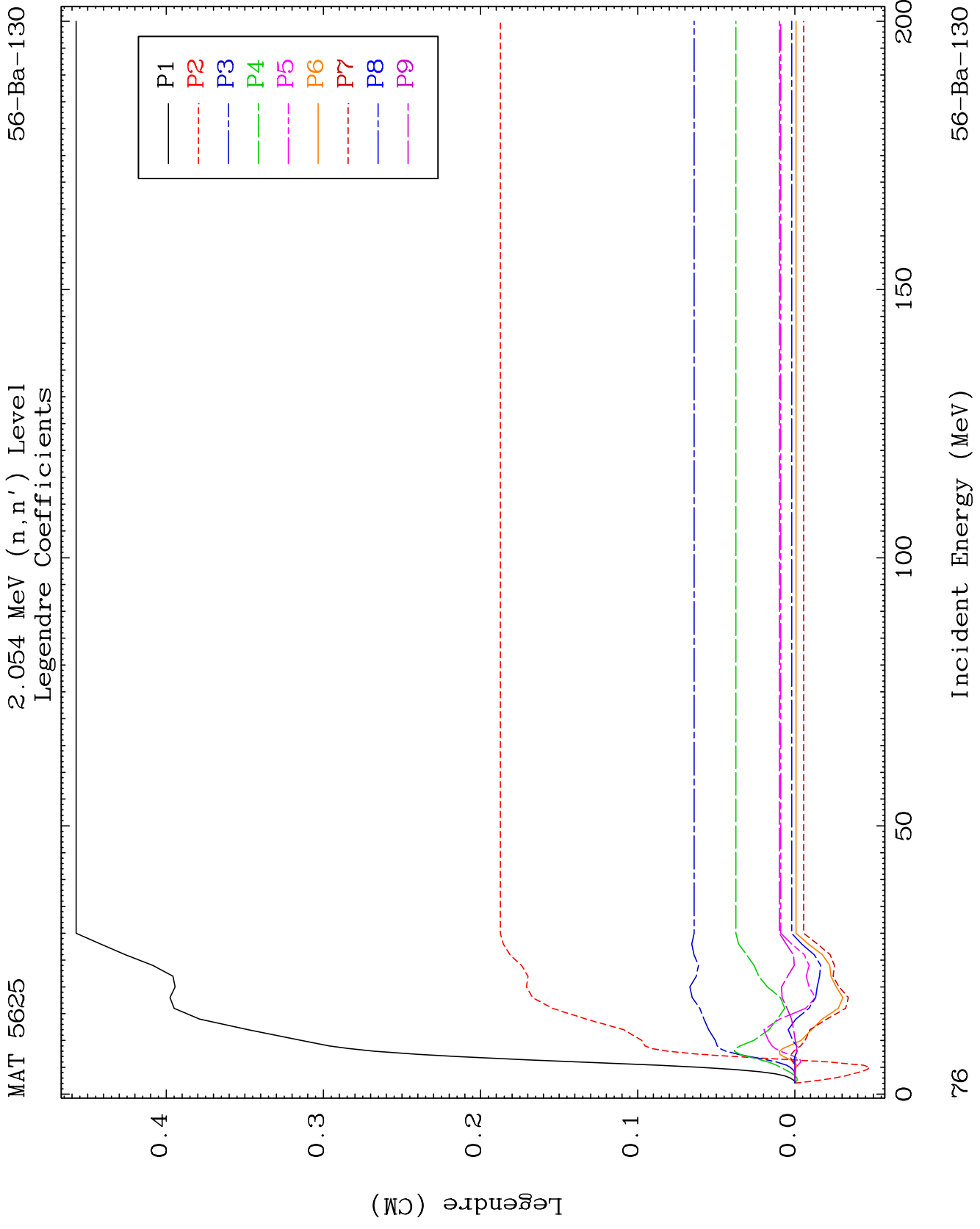


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Incident Energy (MeV)

56-Ba-130

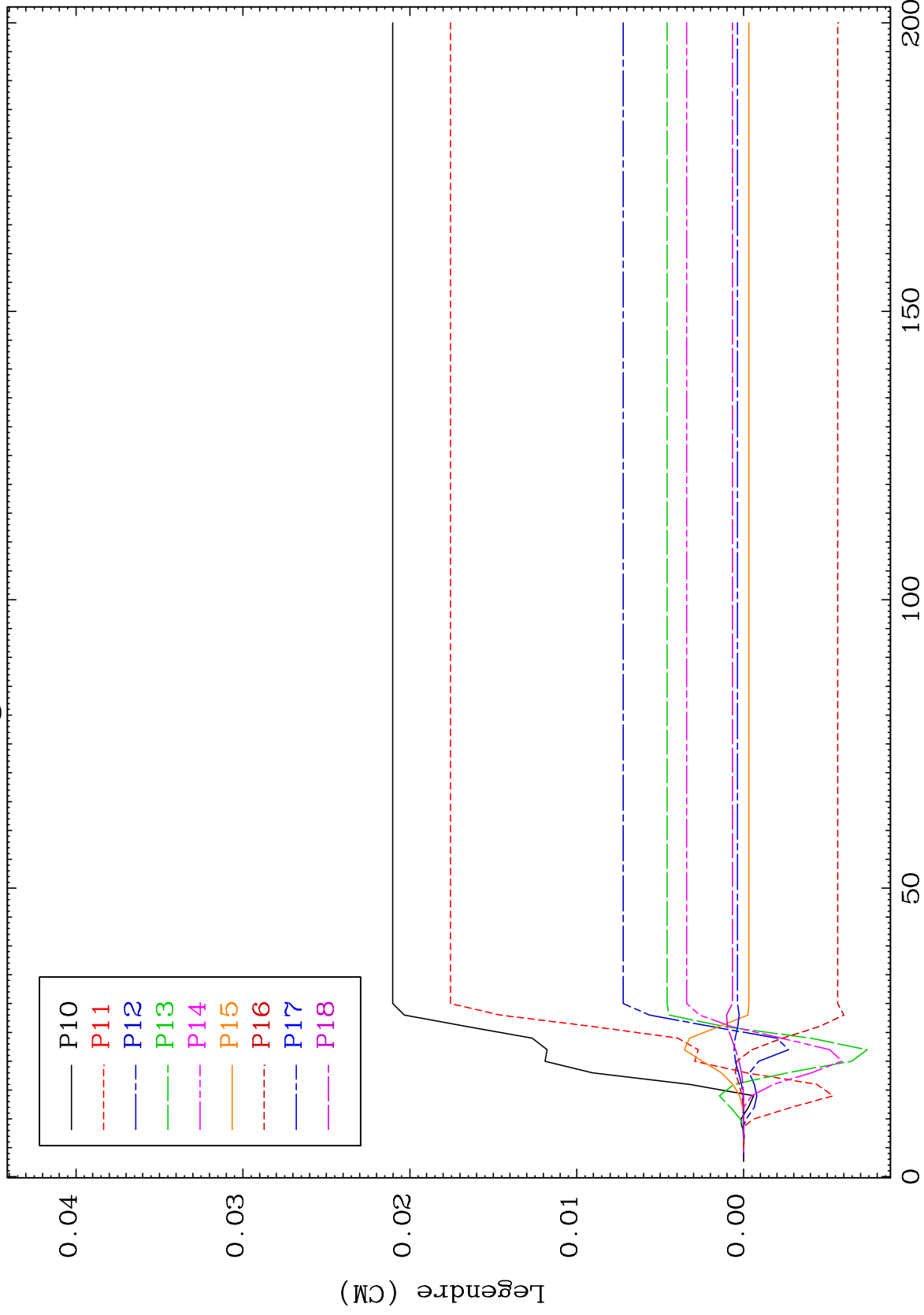




MAT 5625

2.054 MeV (n,n') Level  
Legendre Coefficients

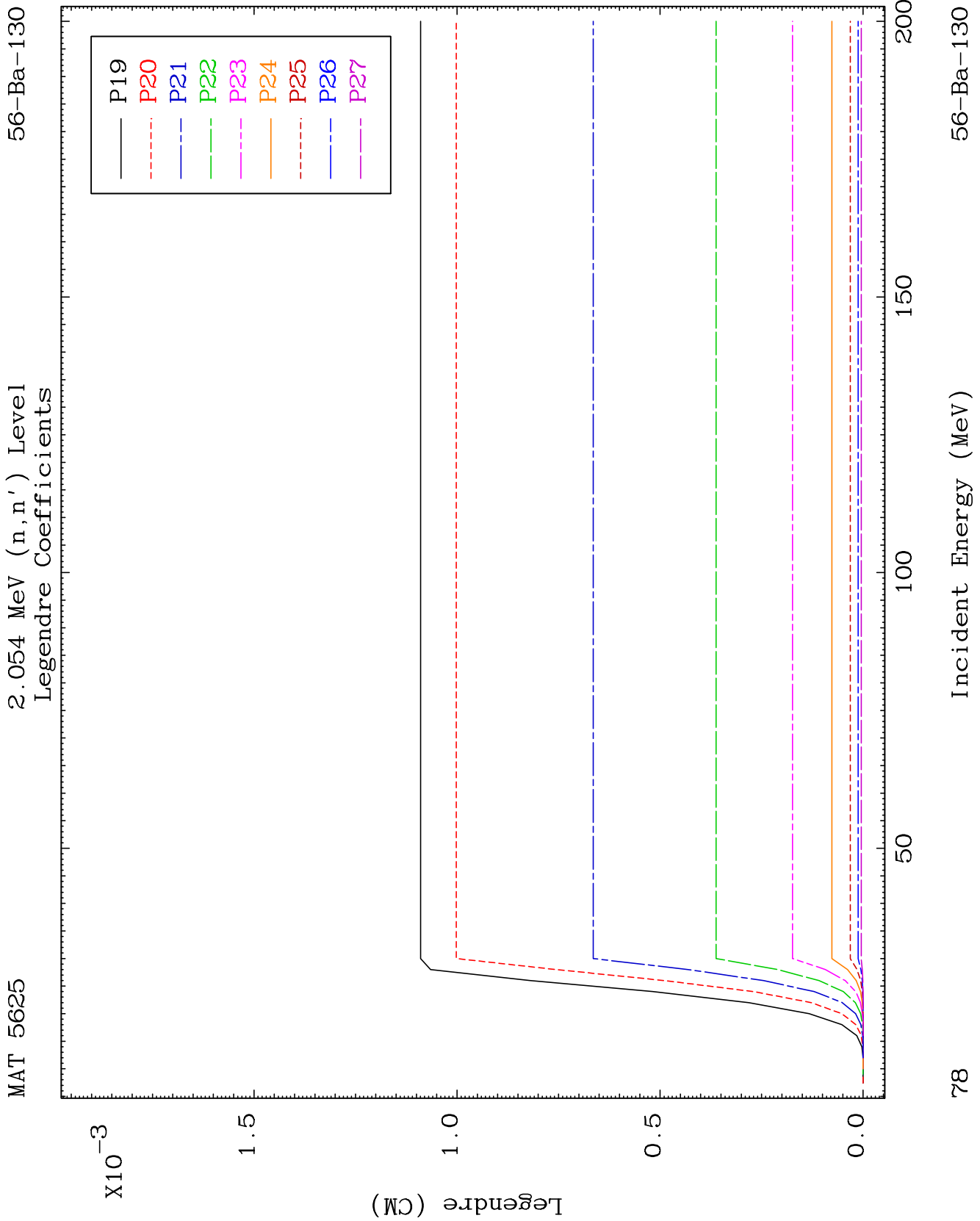
56-Ba-130



77

Incident Energy (MeV)

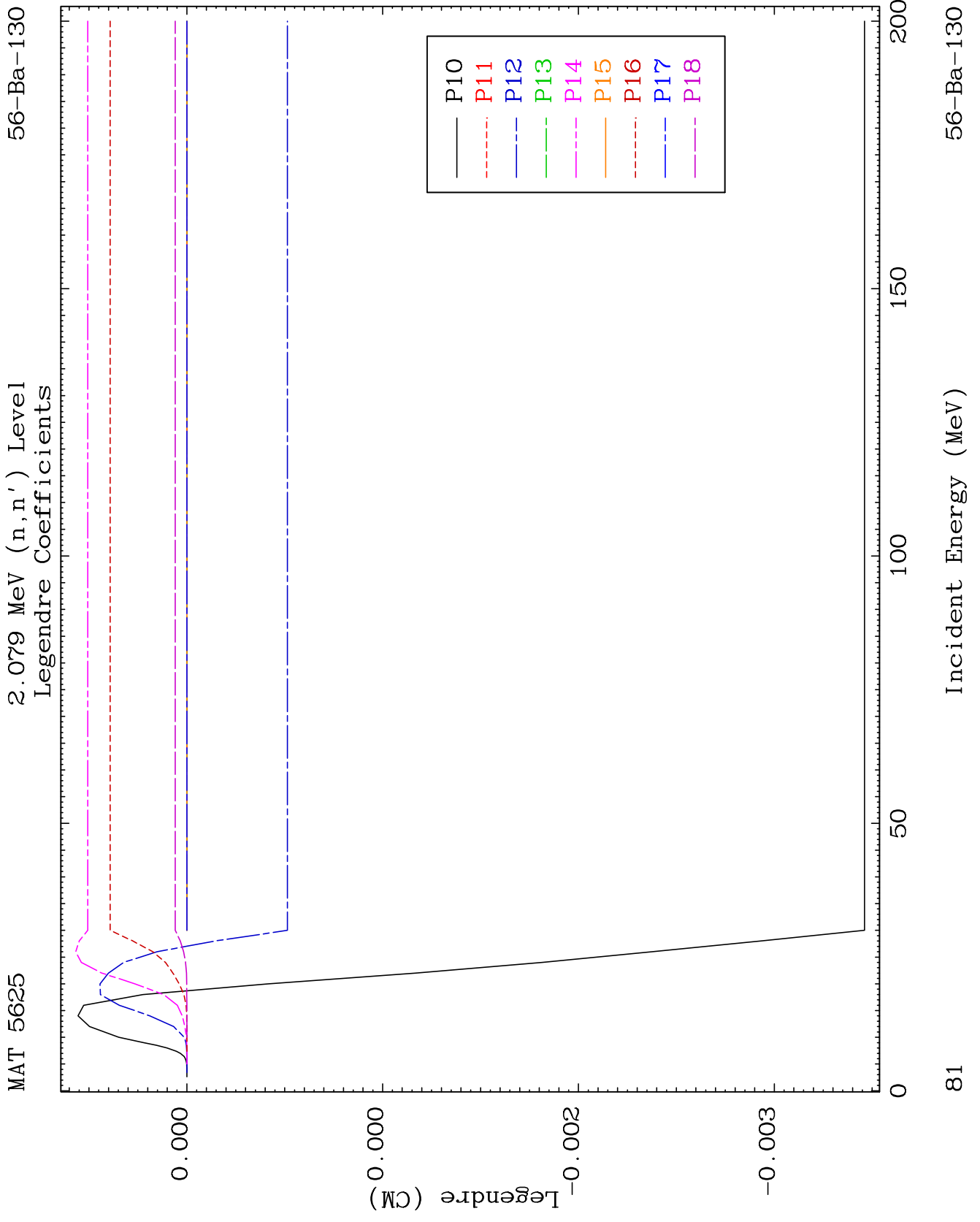
56-Ba-130







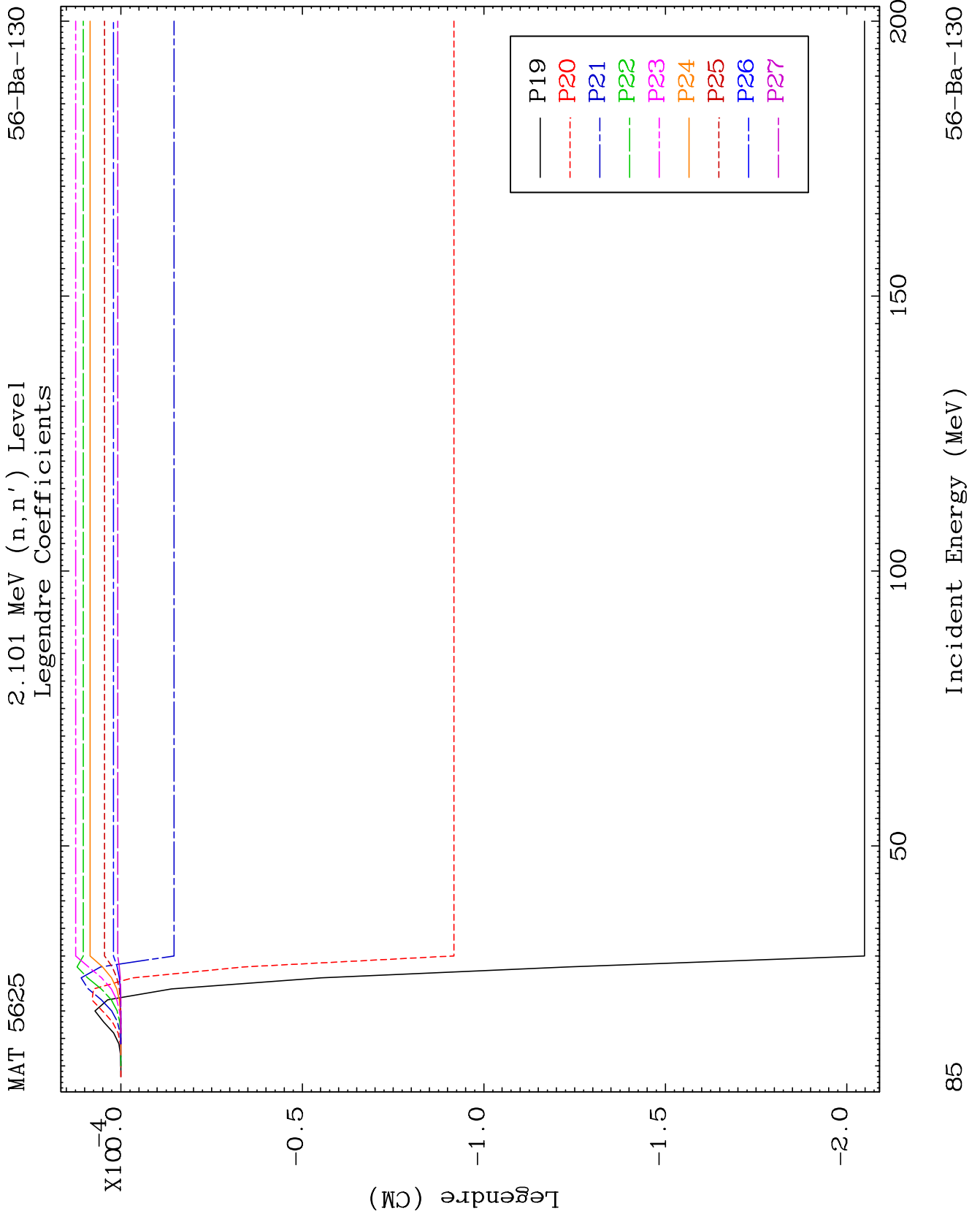


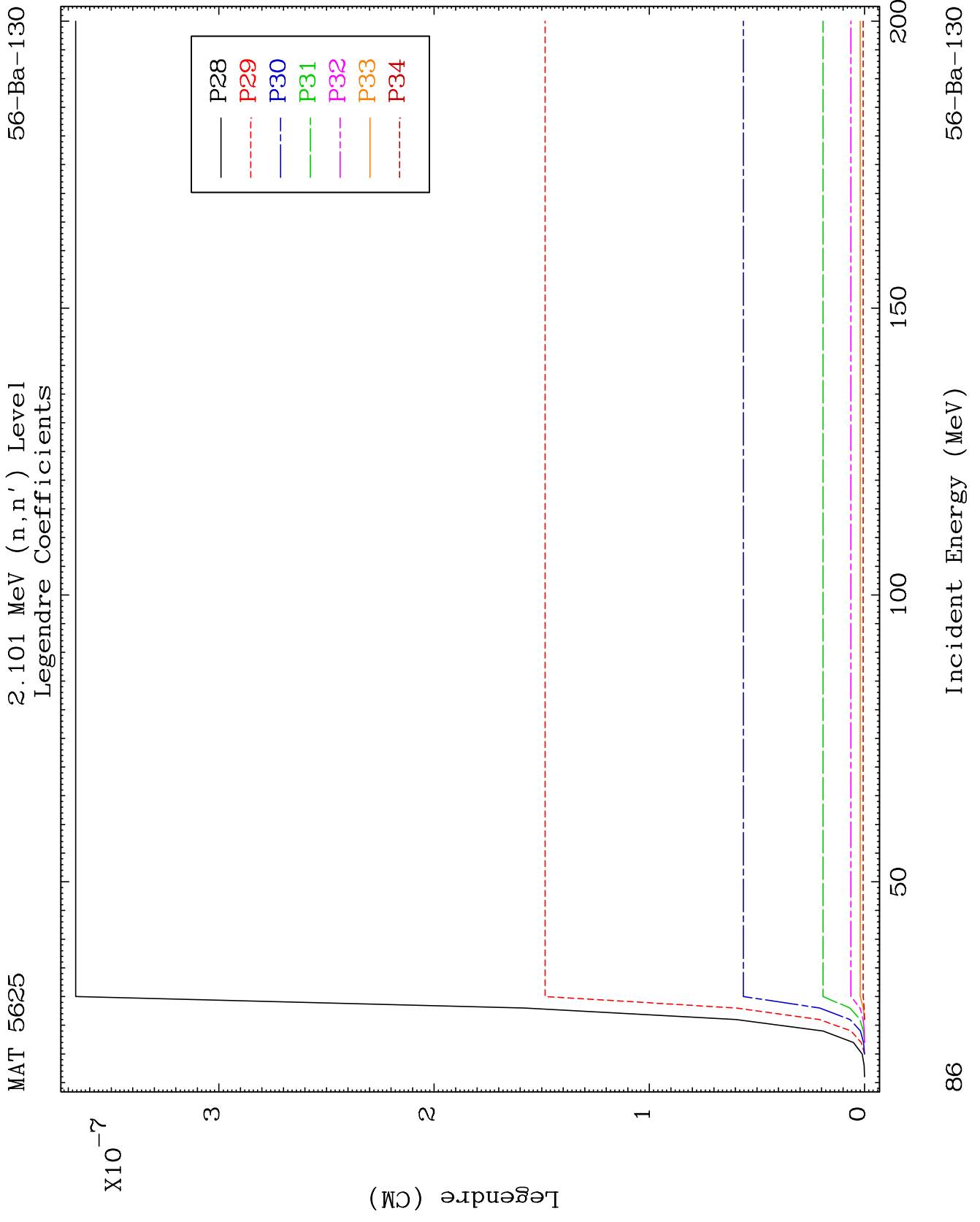


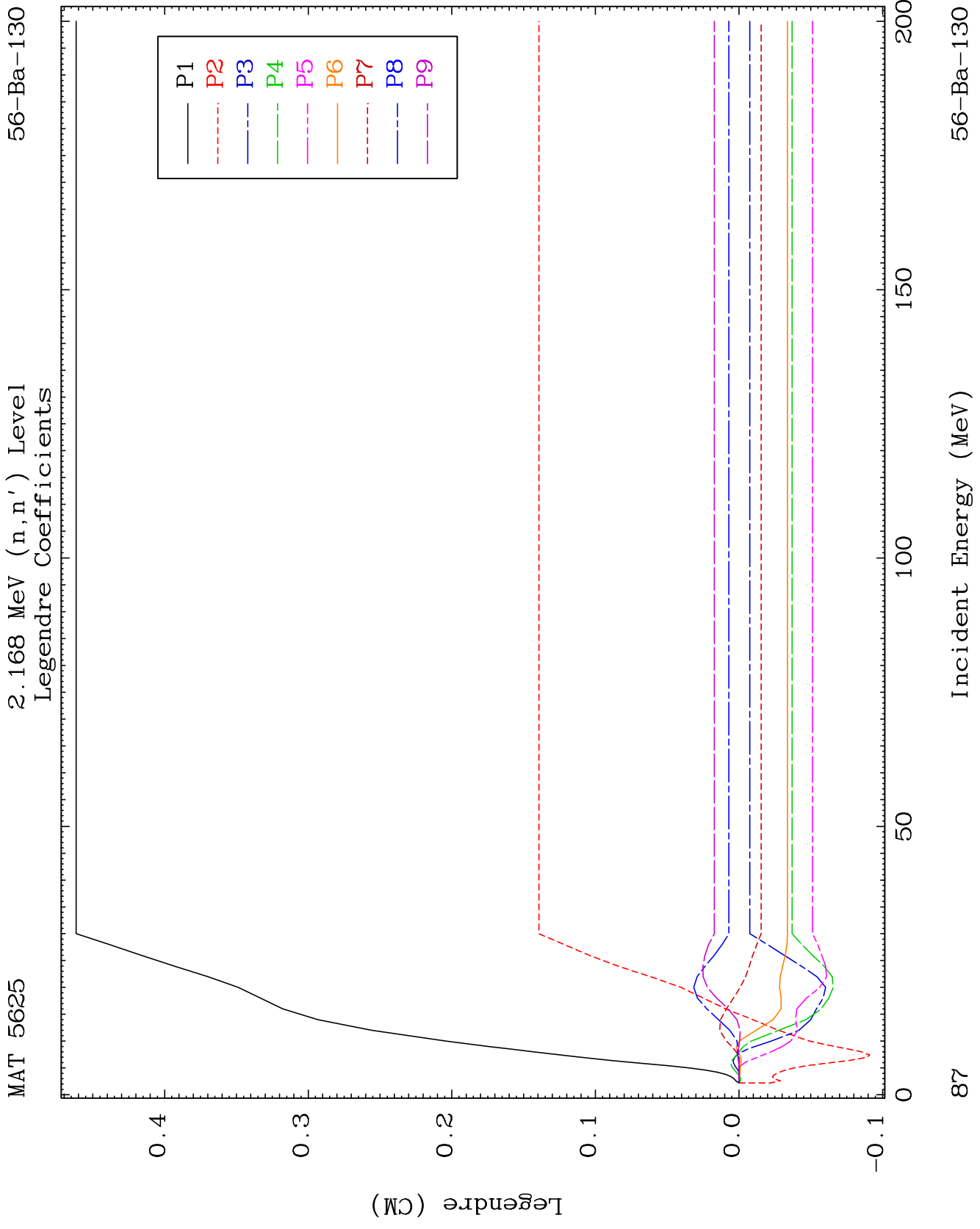










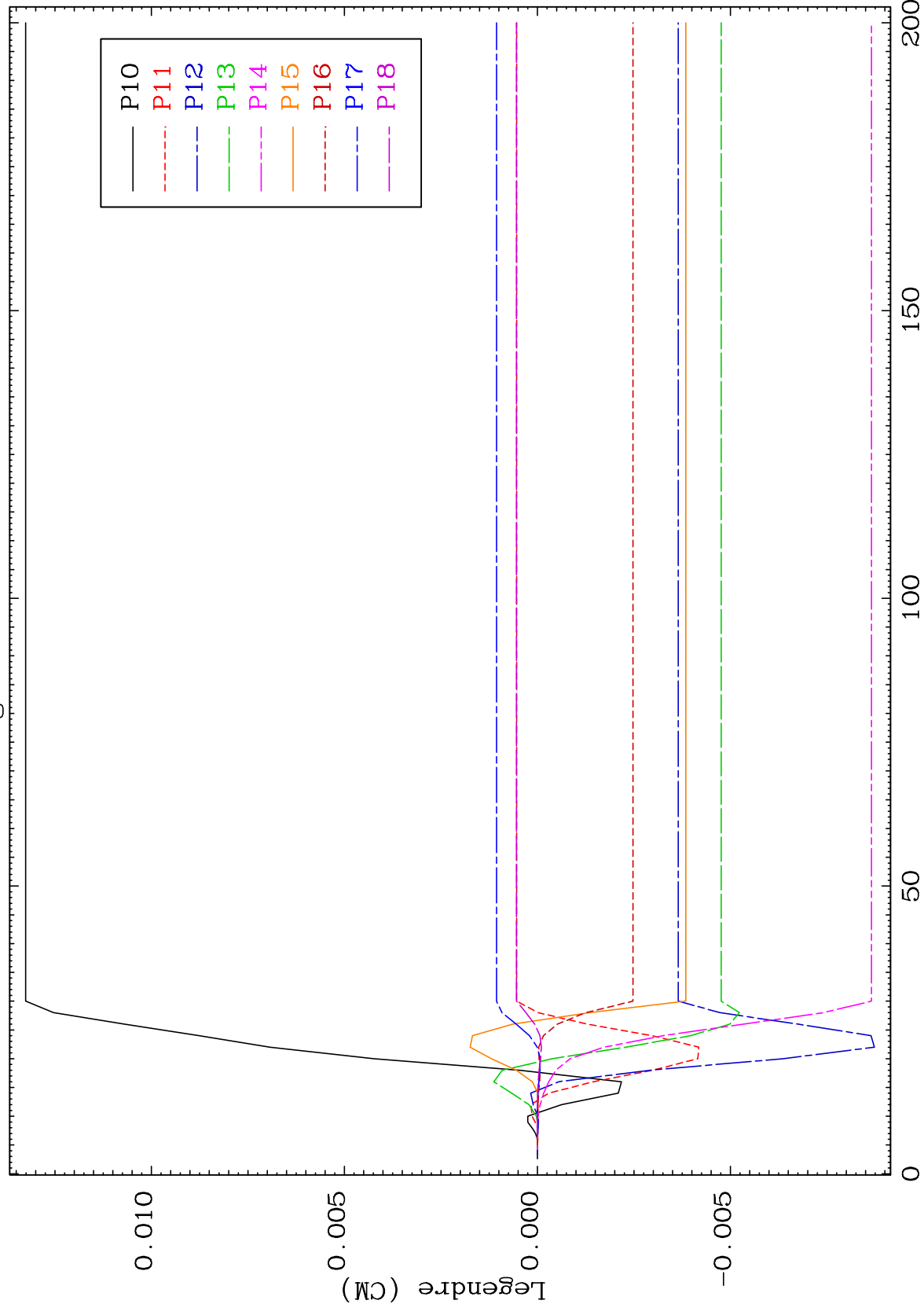




MAT 5625

2.168 MeV (n, n') Level  
Legendre Coefficients

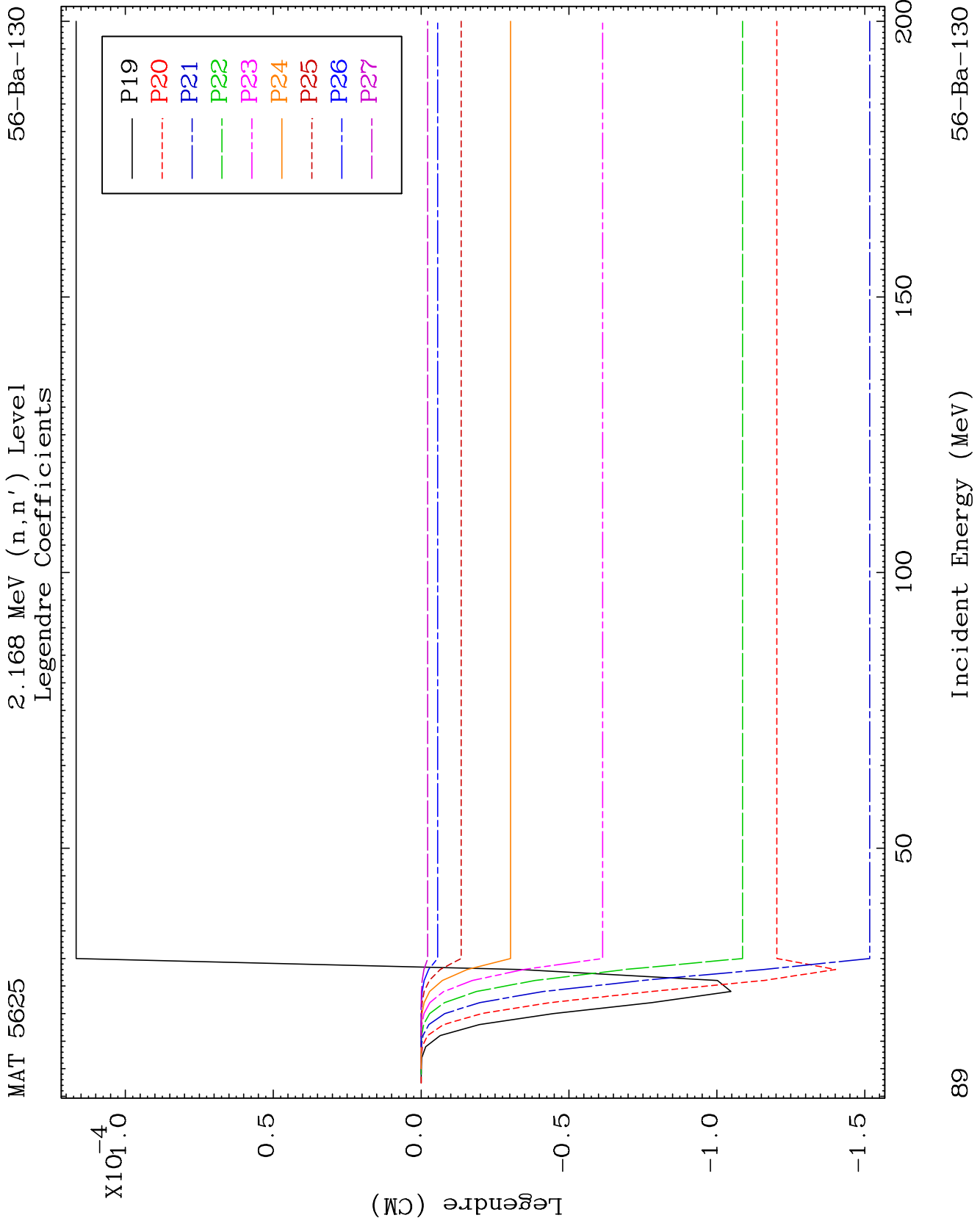
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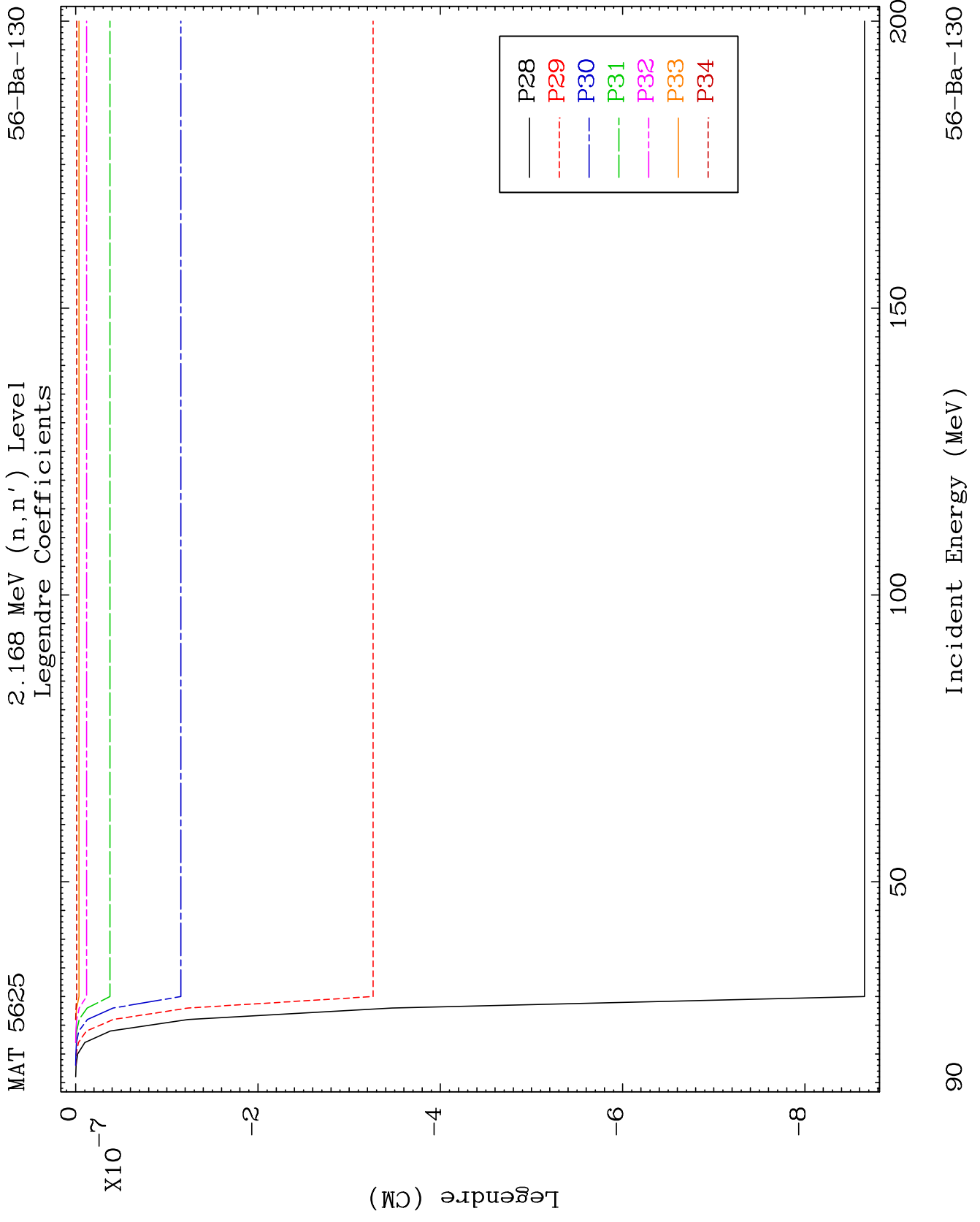


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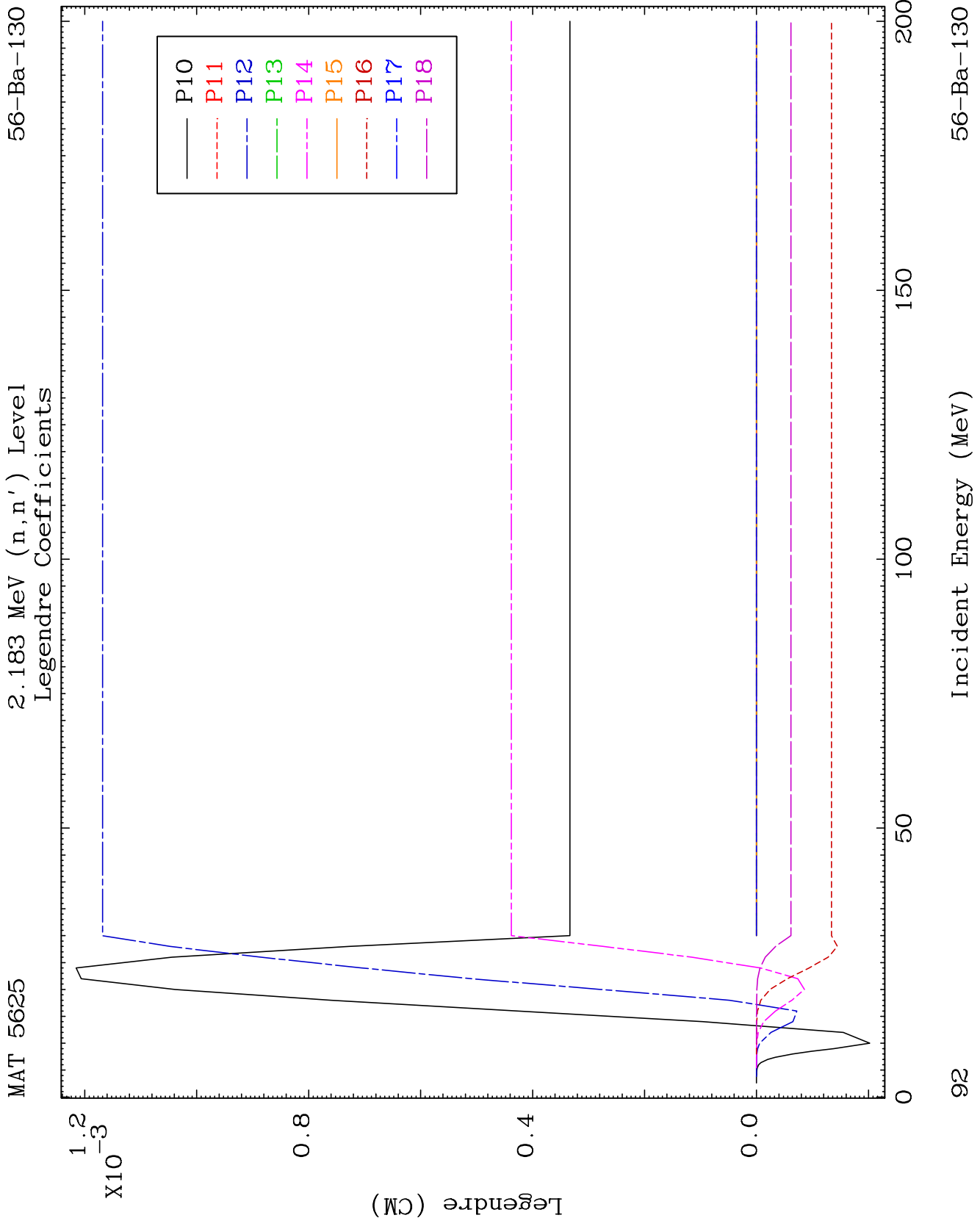
Incident Energy (MeV)

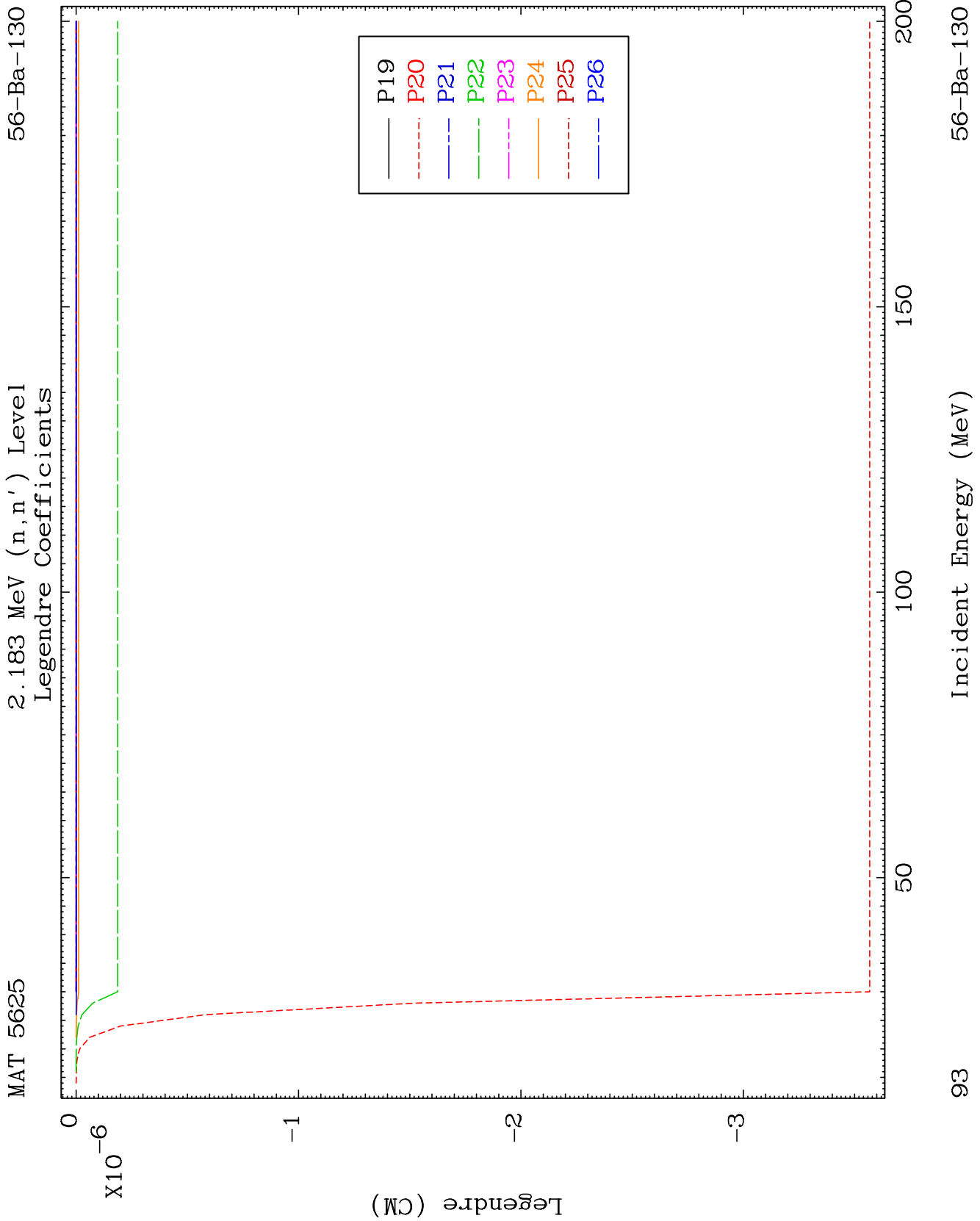
56-Ba-130







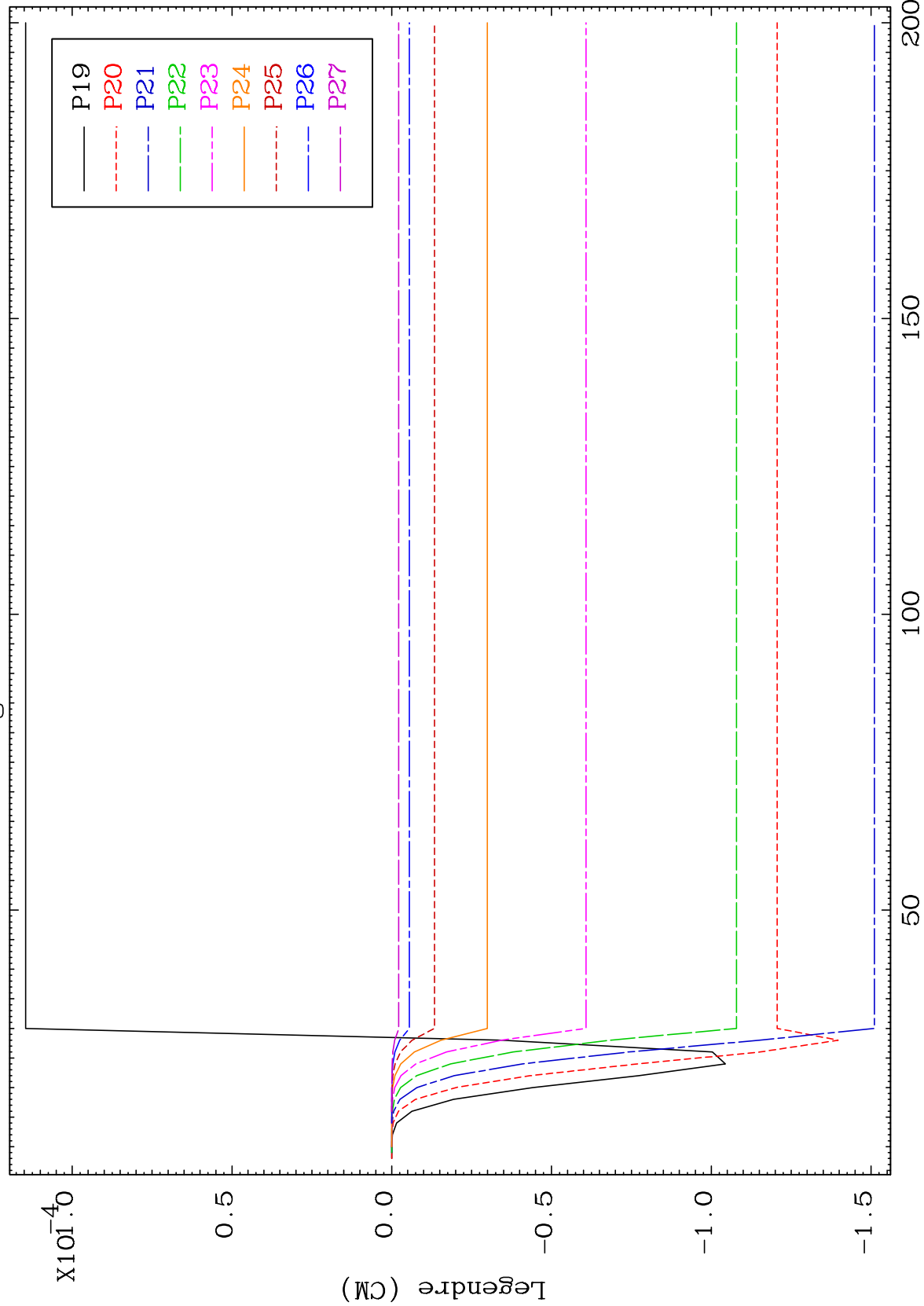


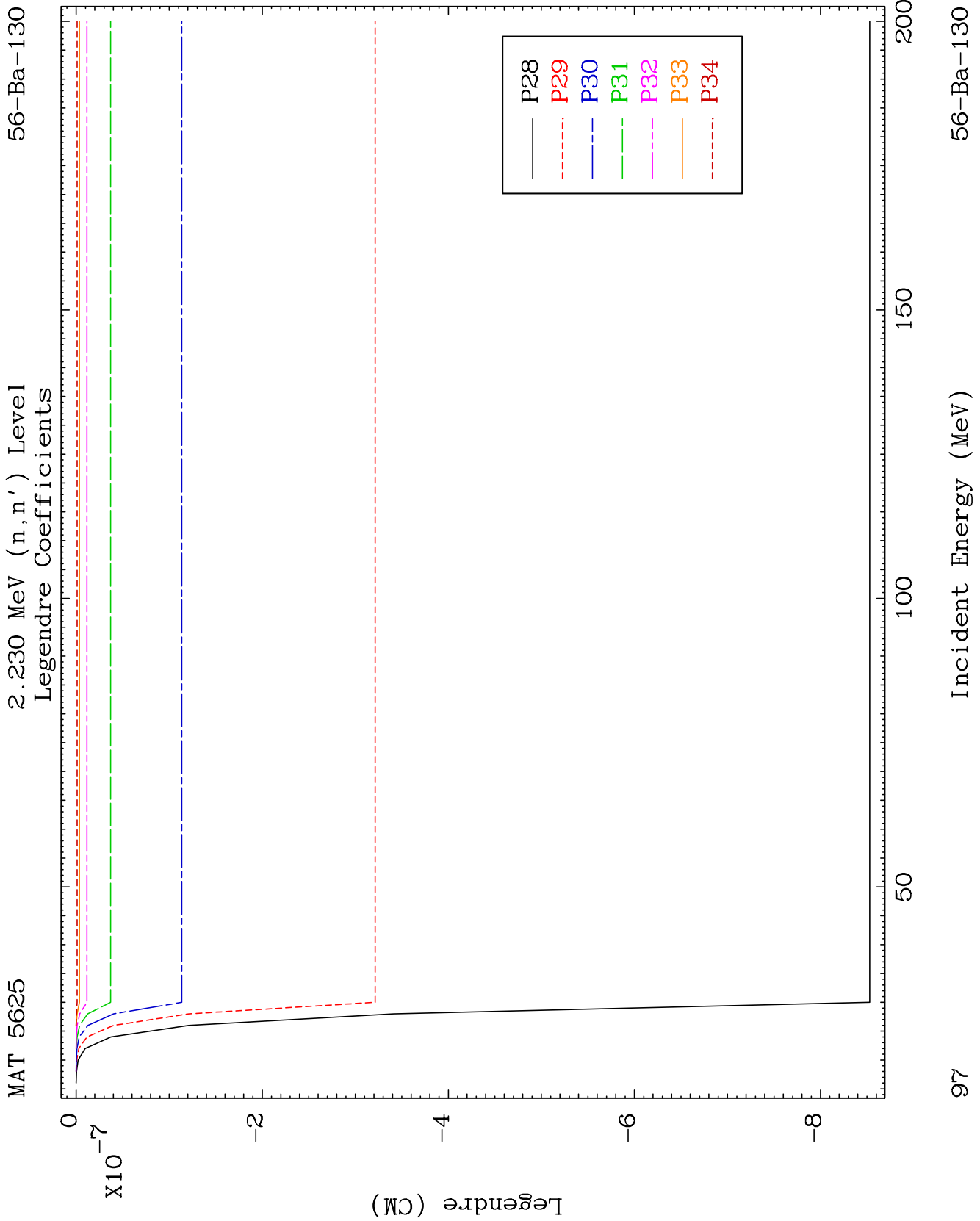


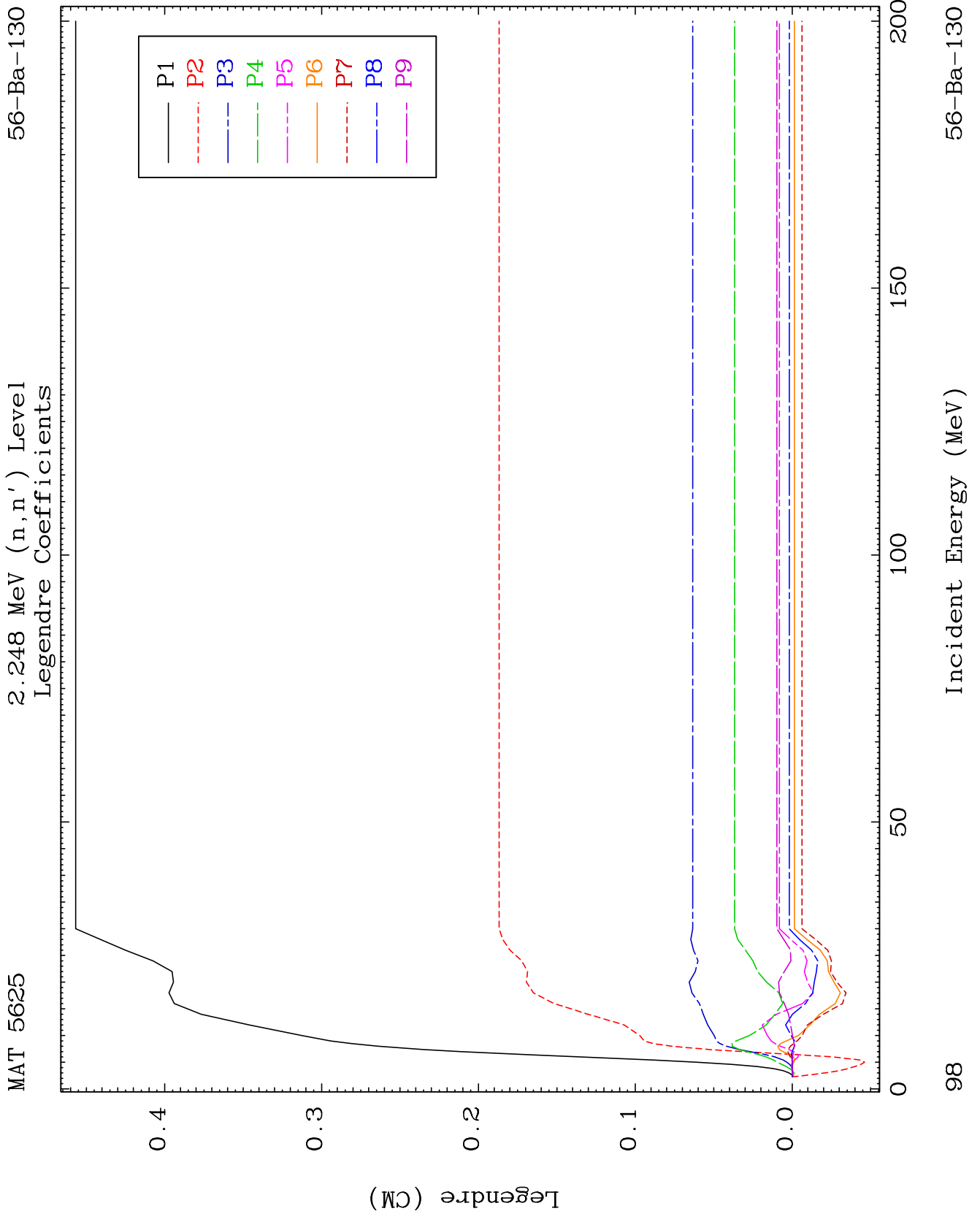








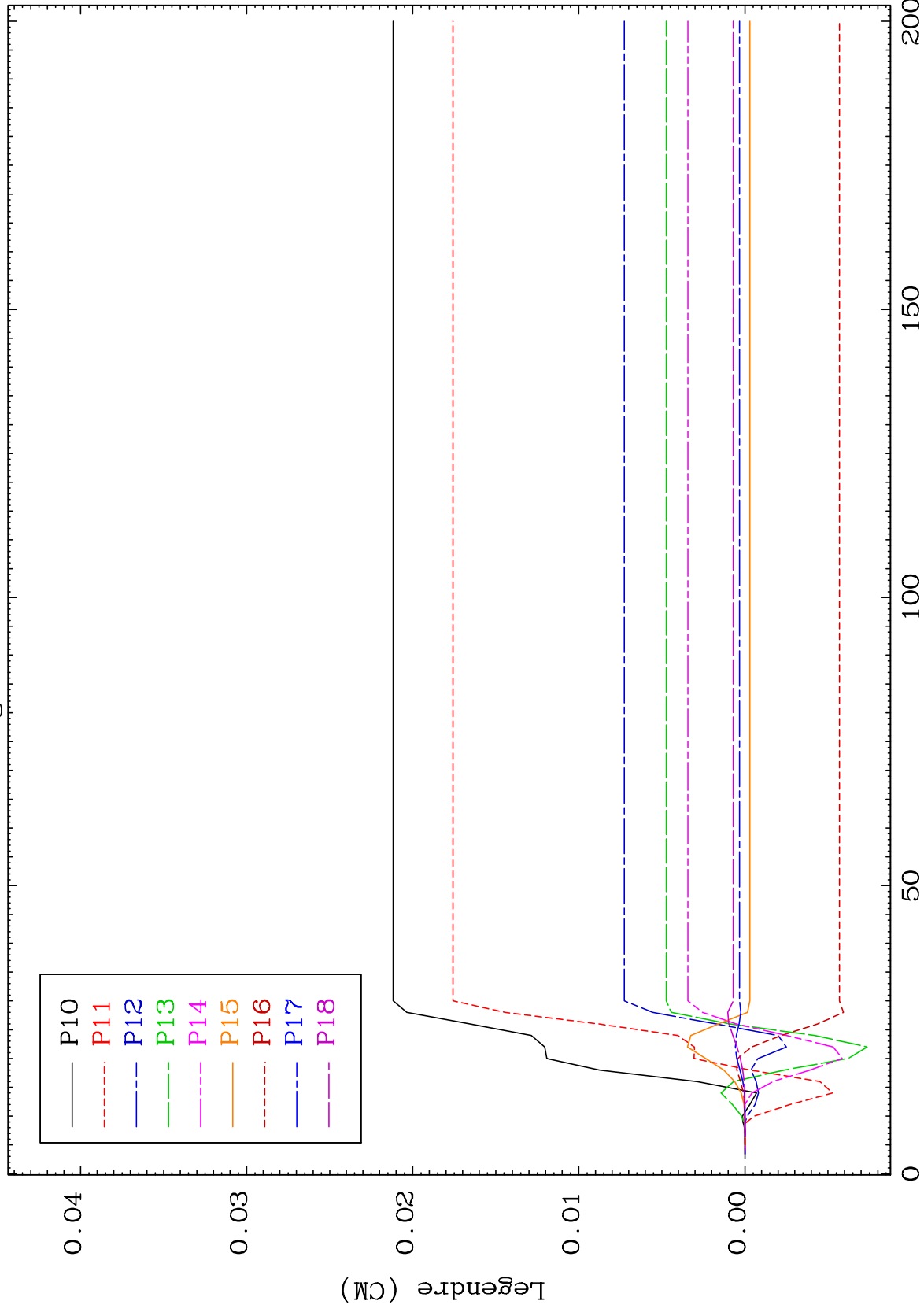




MAT 5625

2.248 MeV (n, n') Level  
Legendre Coefficients

56-Ba-130



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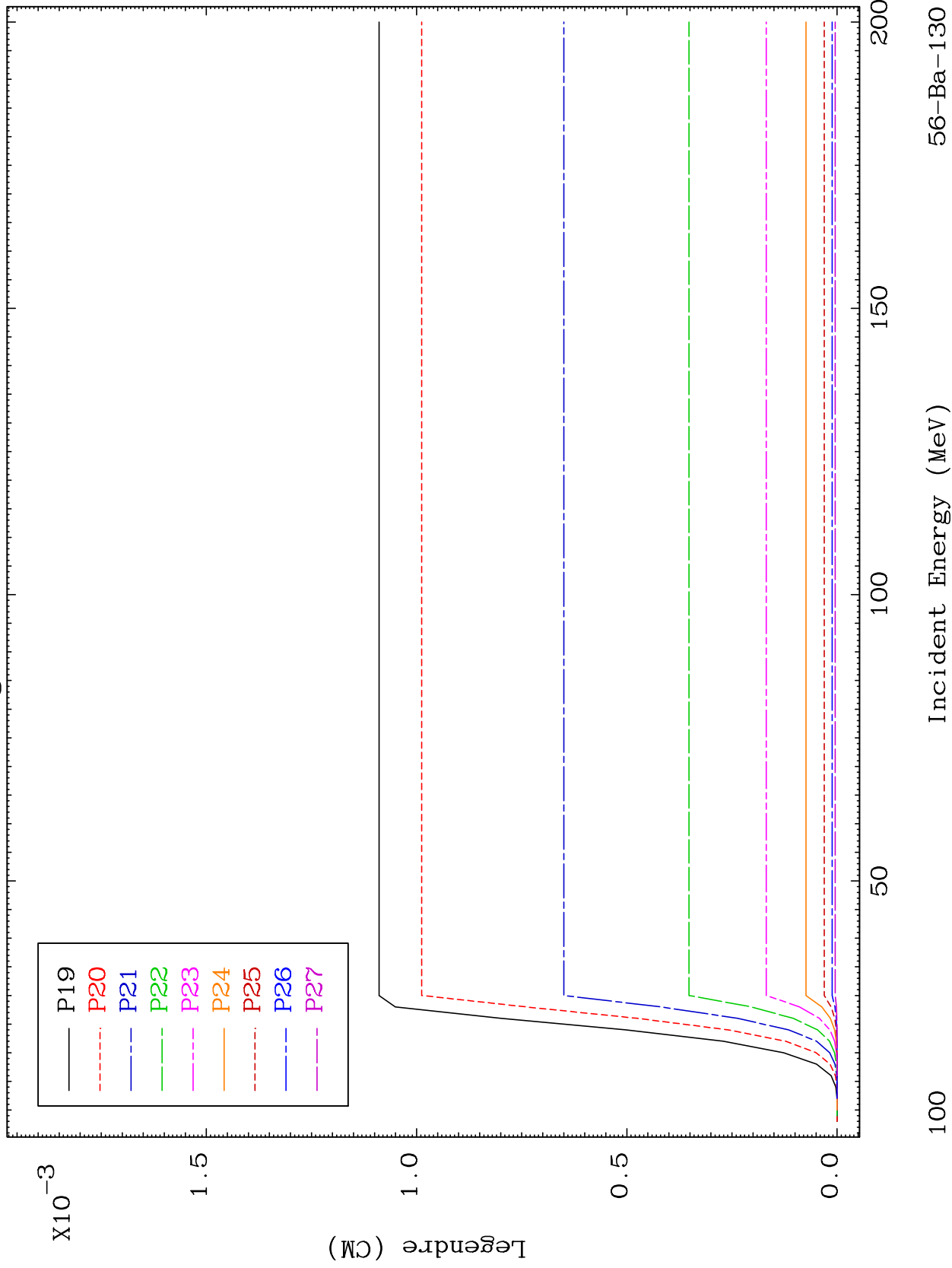
Incident Energy (MeV)

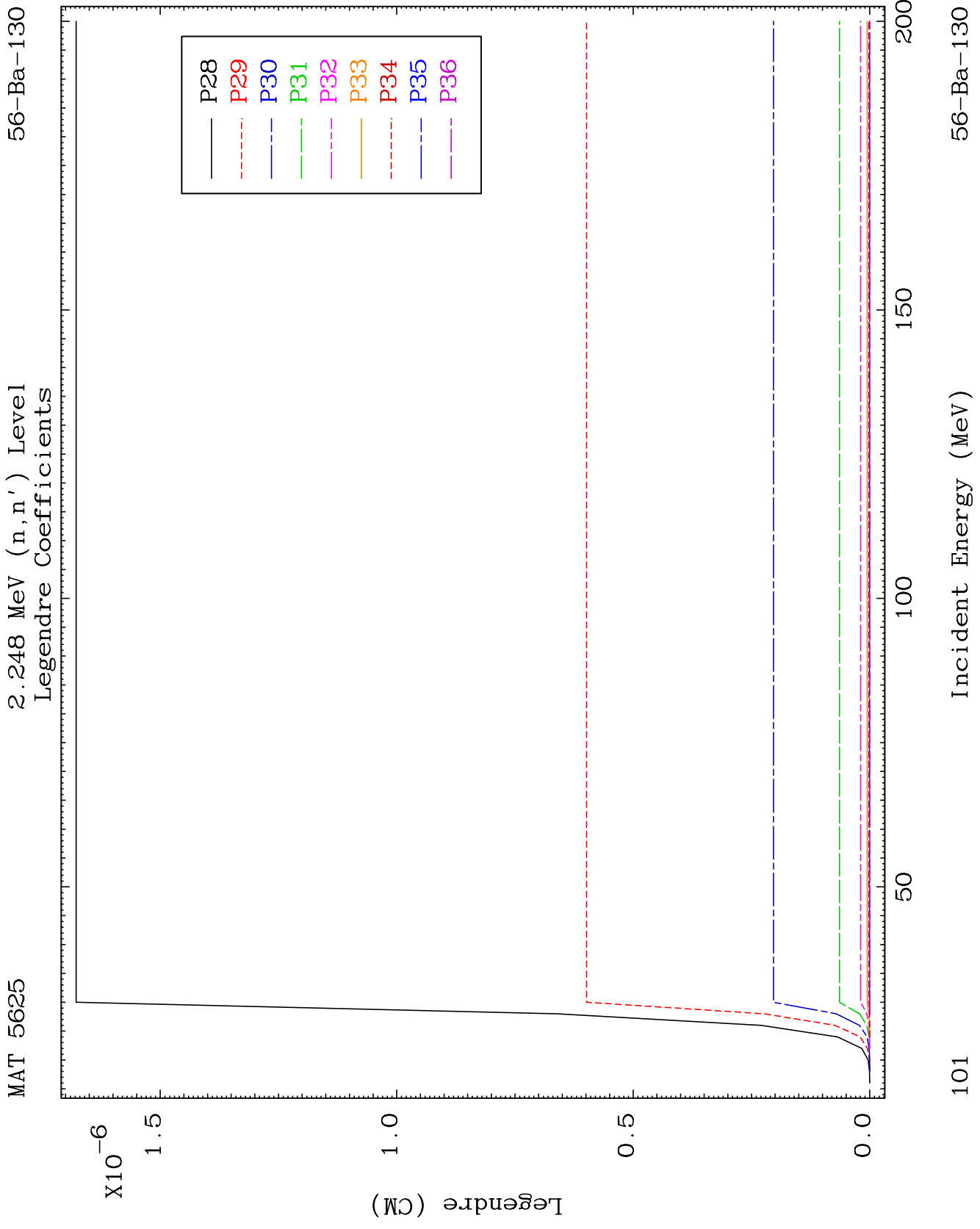
56-Ba-130

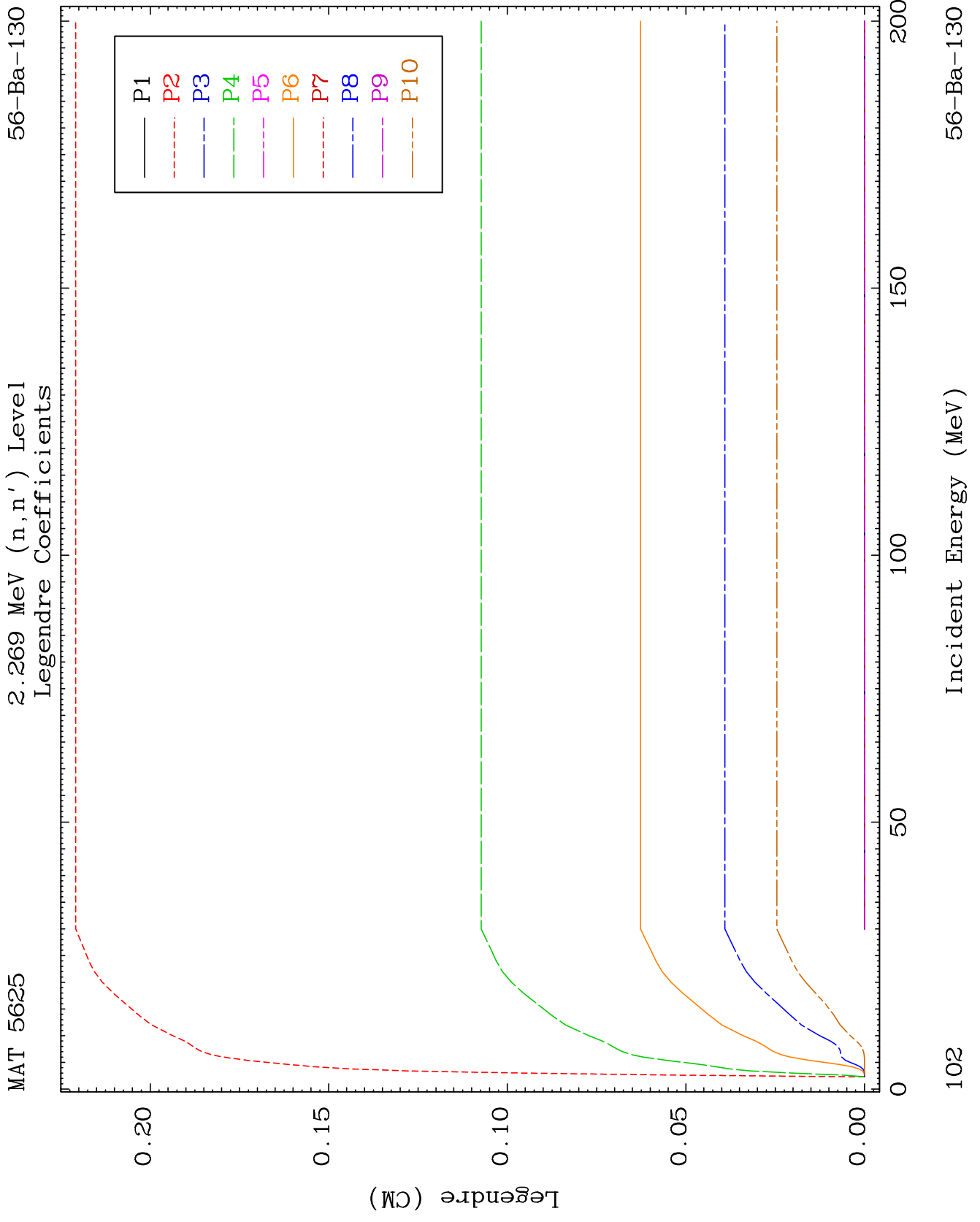
MAT 5625

2.248 MeV (n,n') Level  
Legendre Coefficients

56-Ba-130

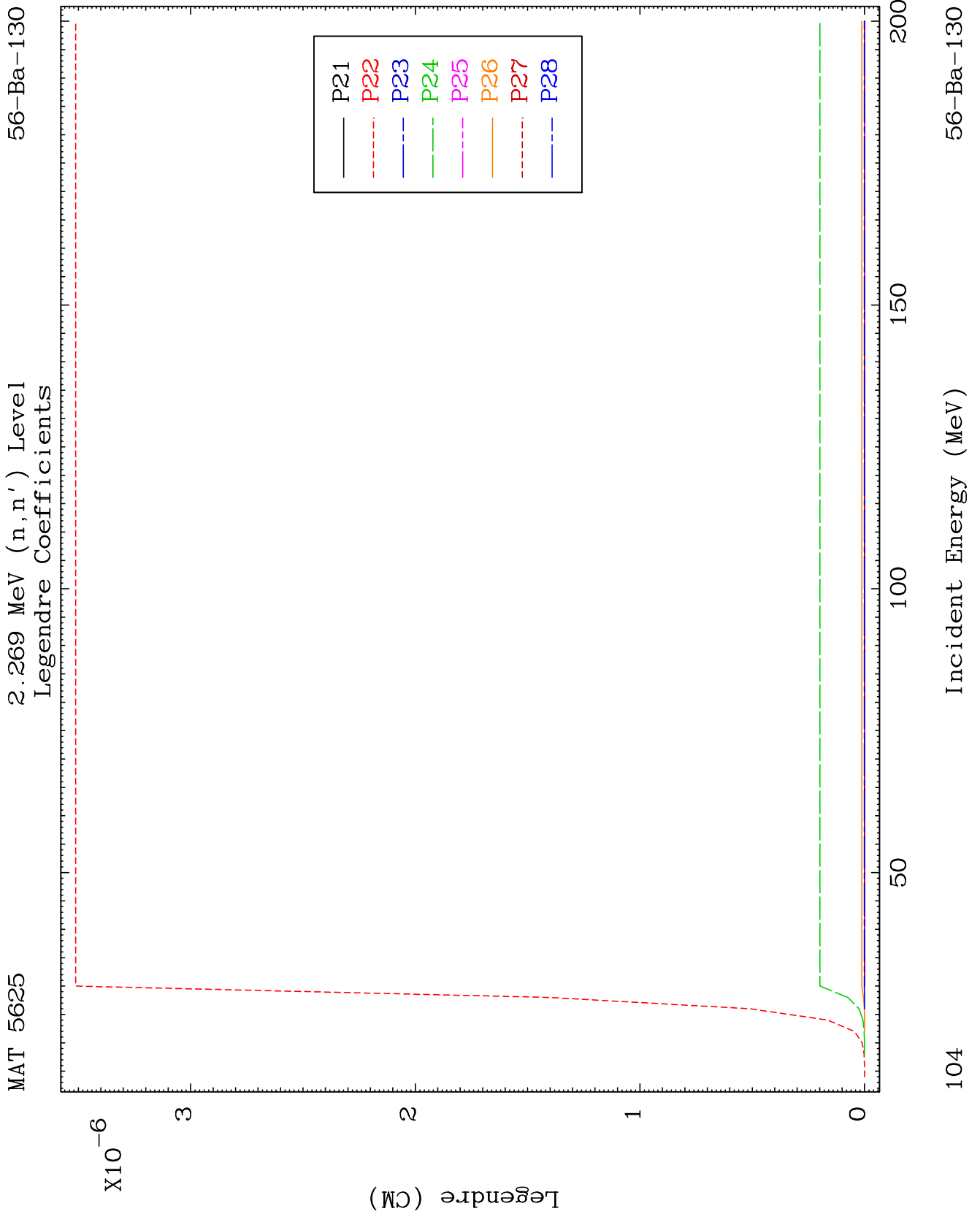






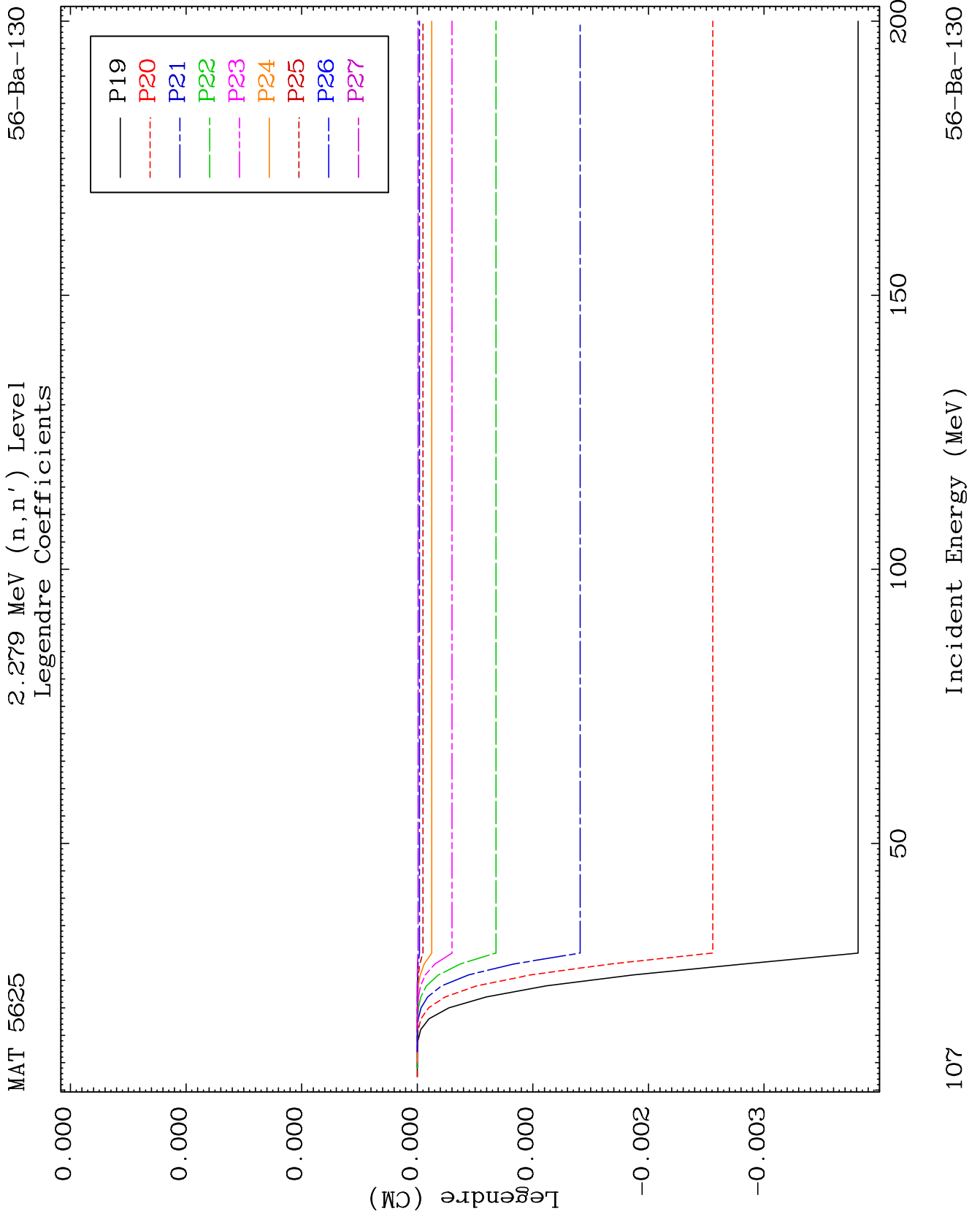


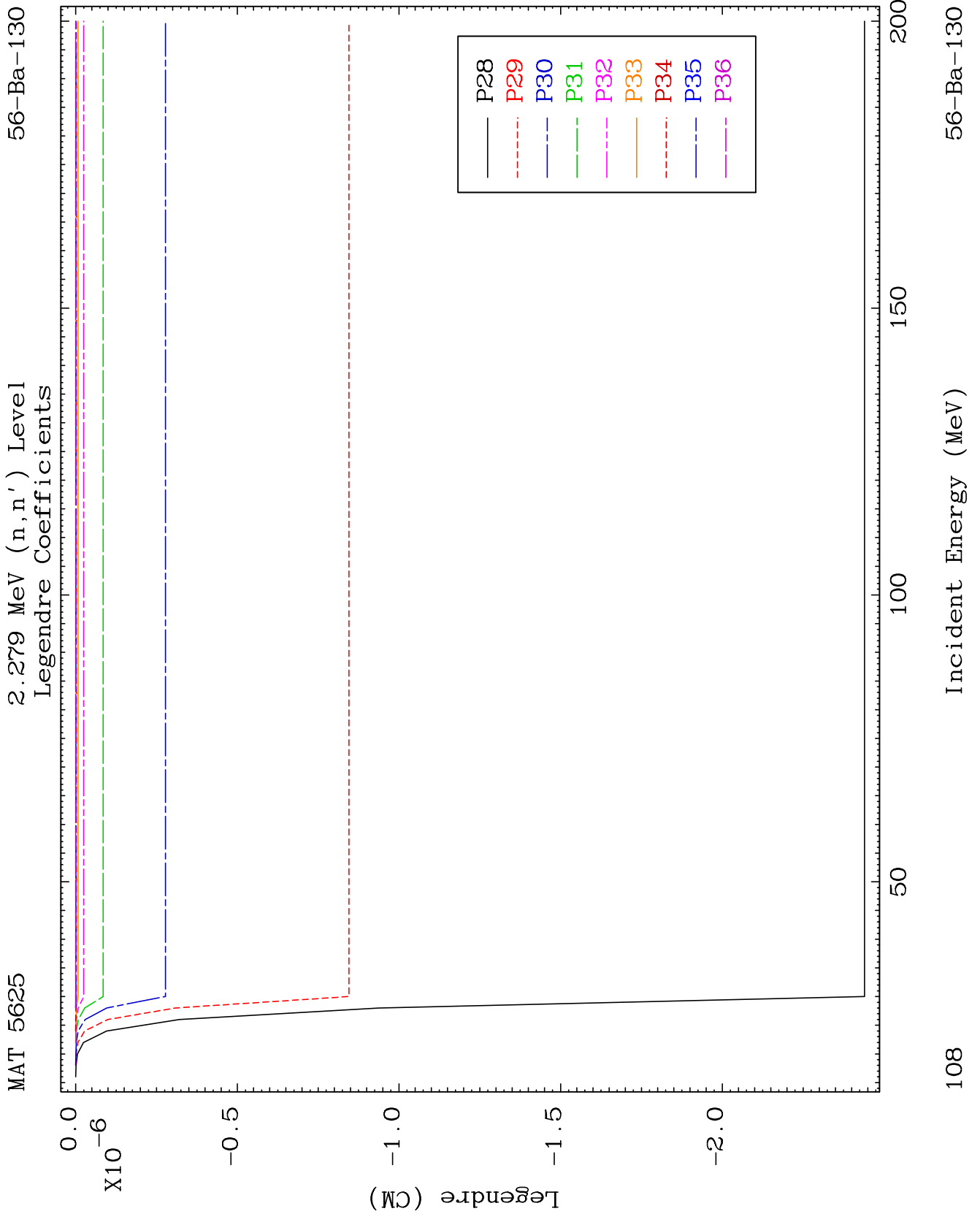




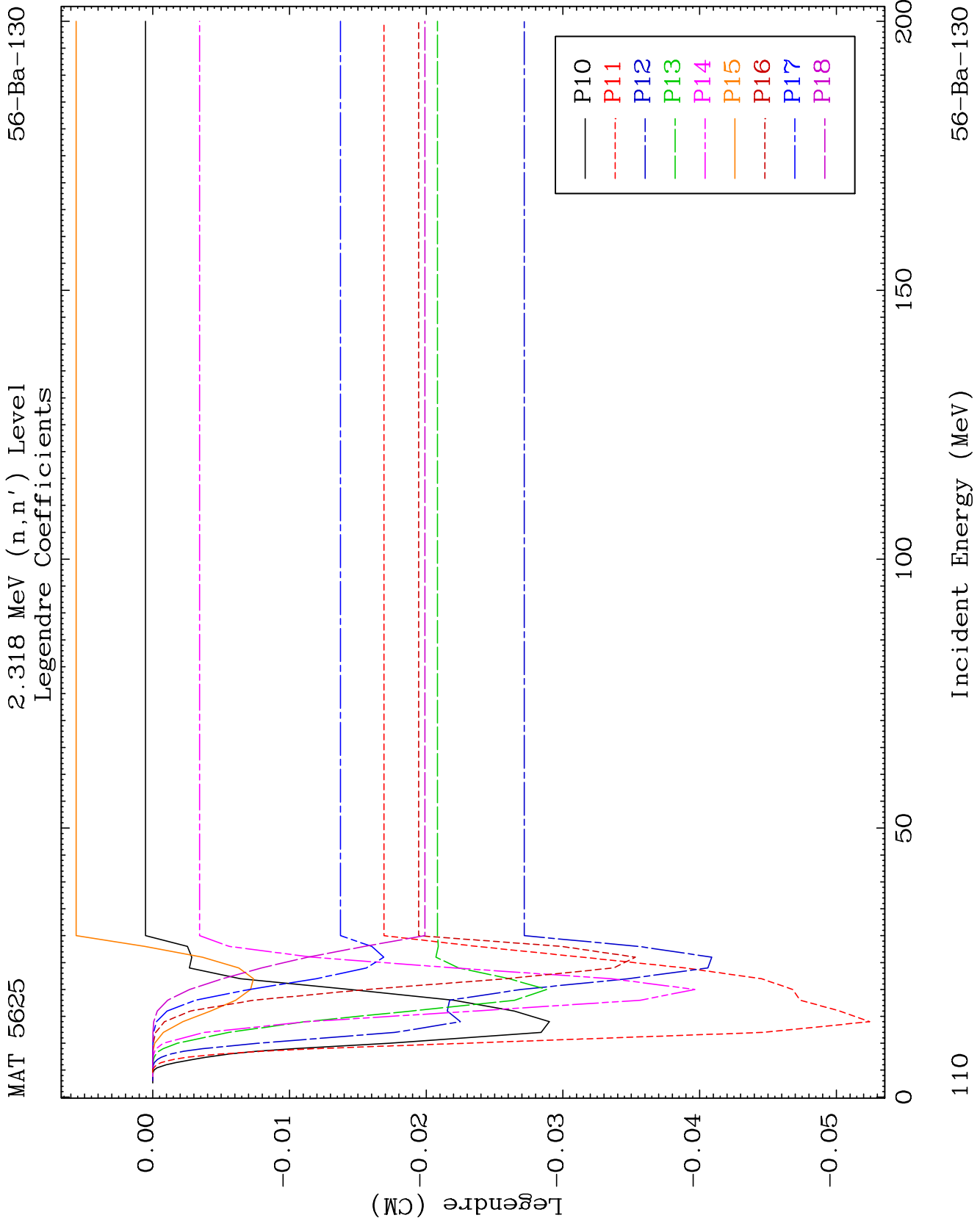


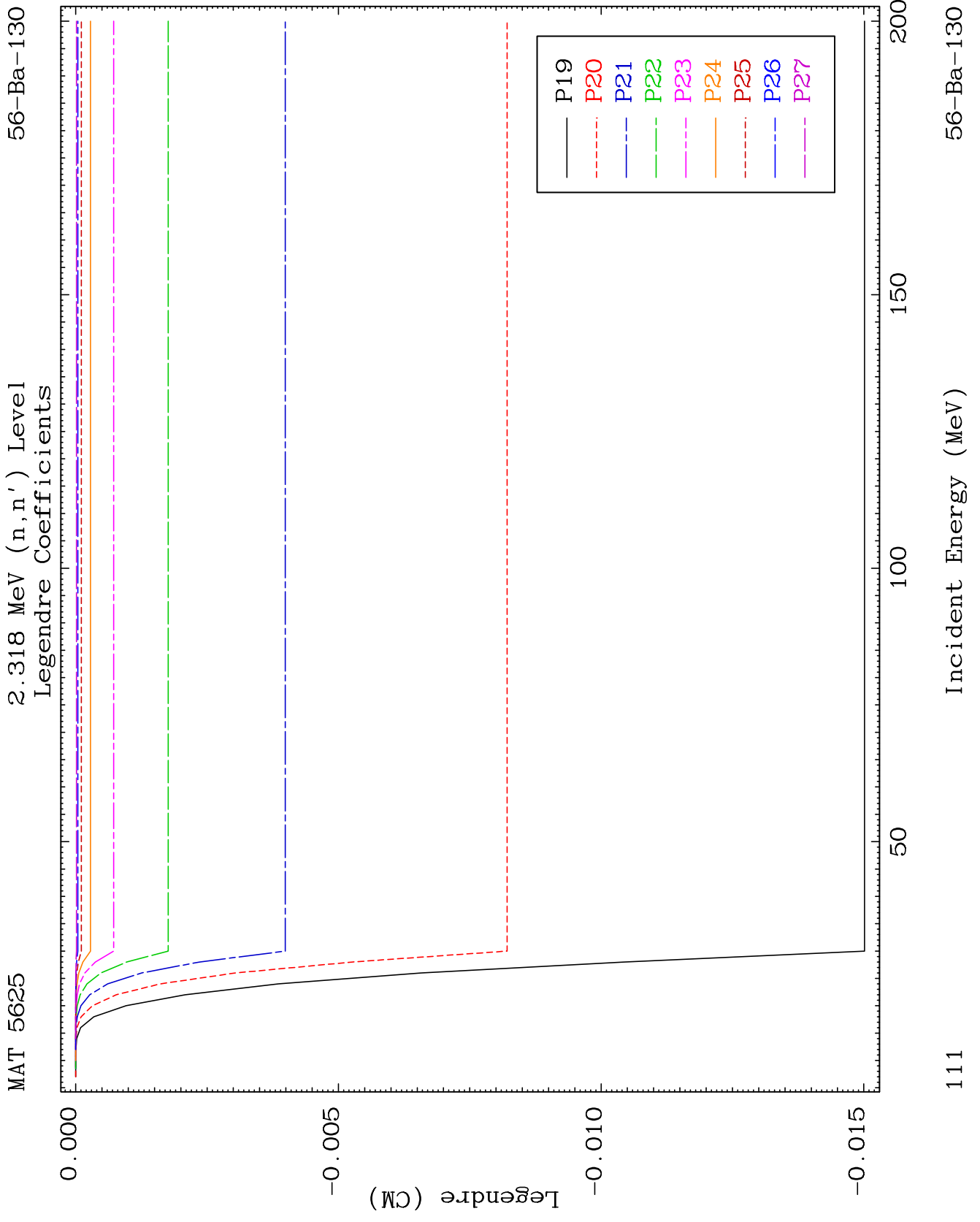




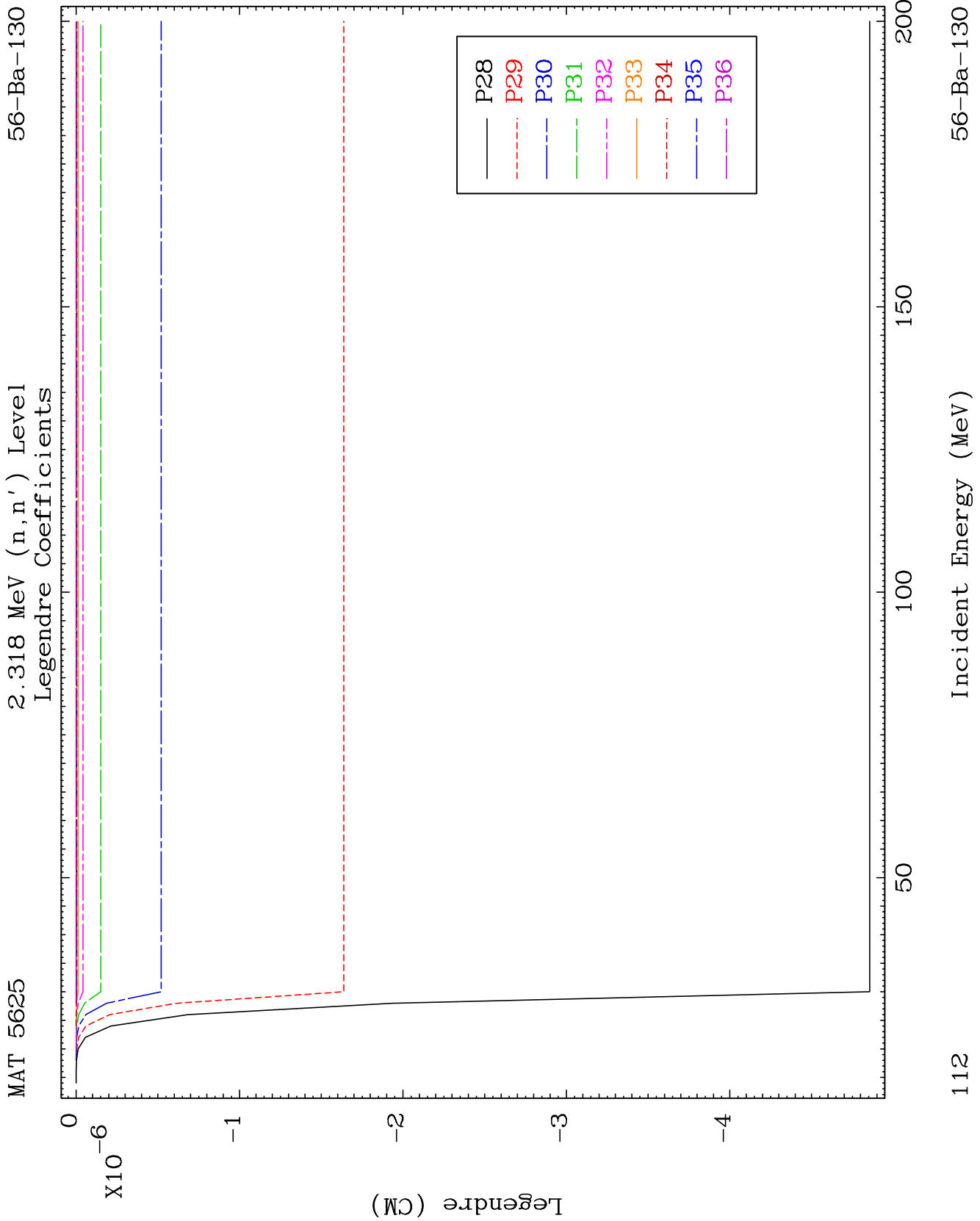


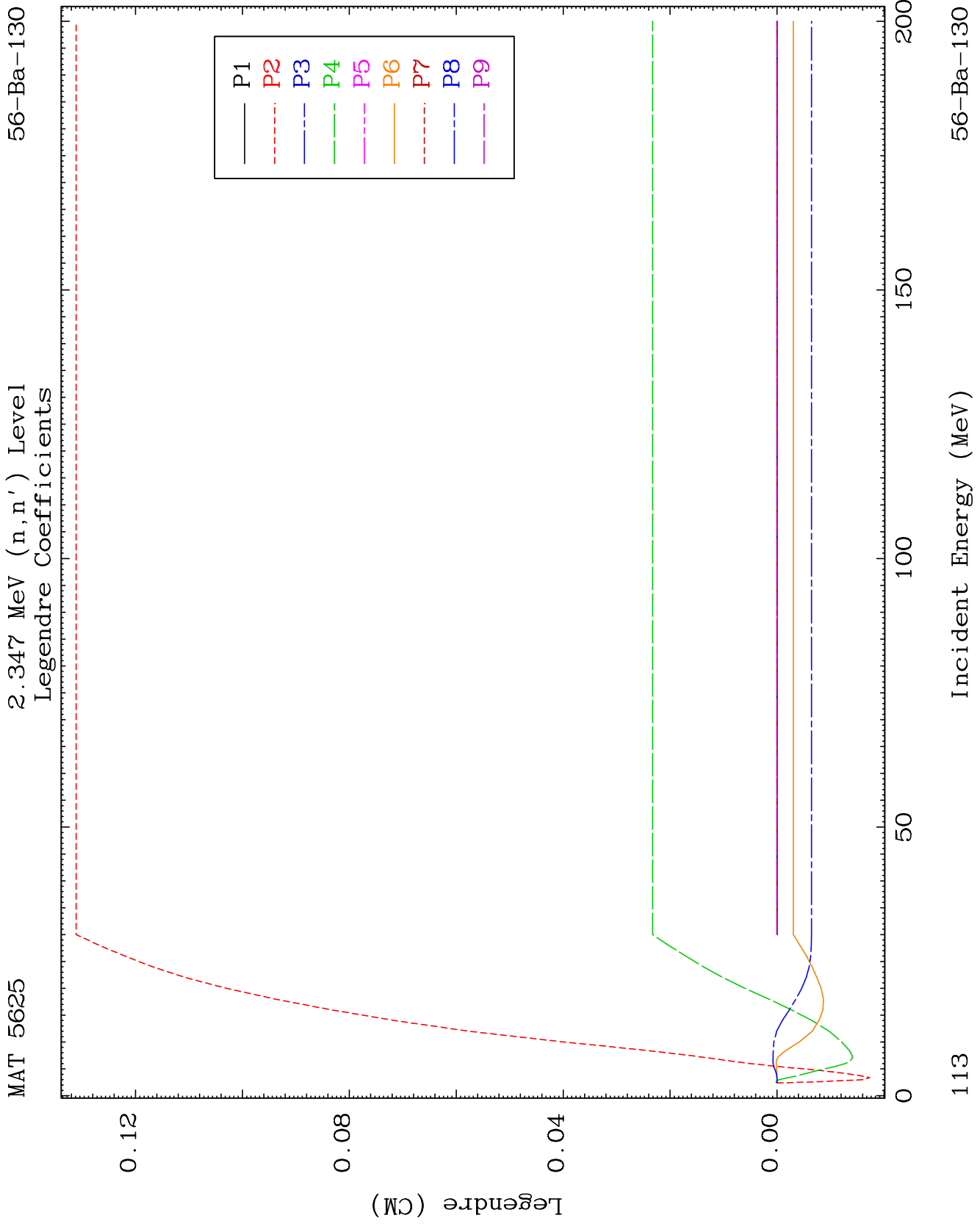




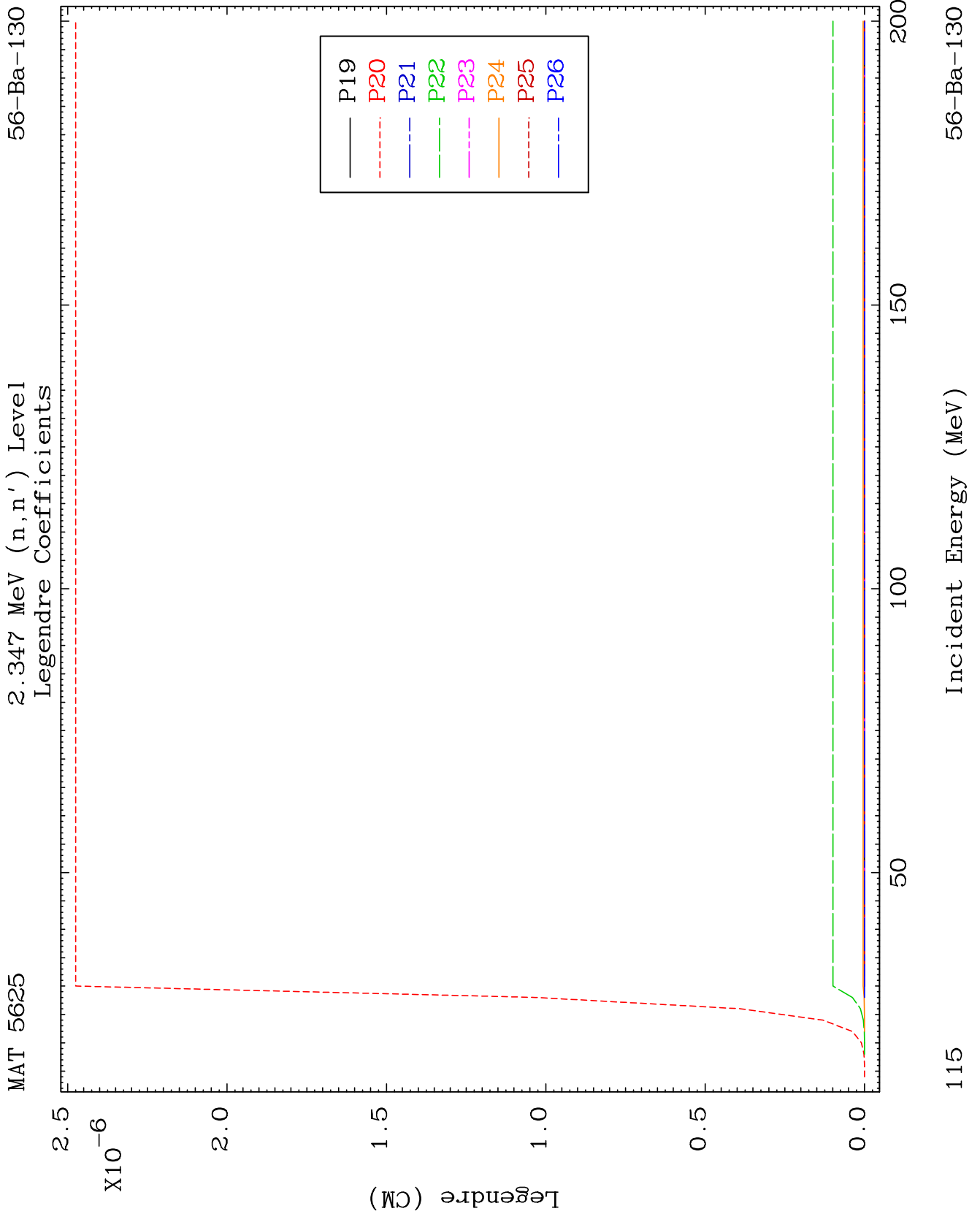


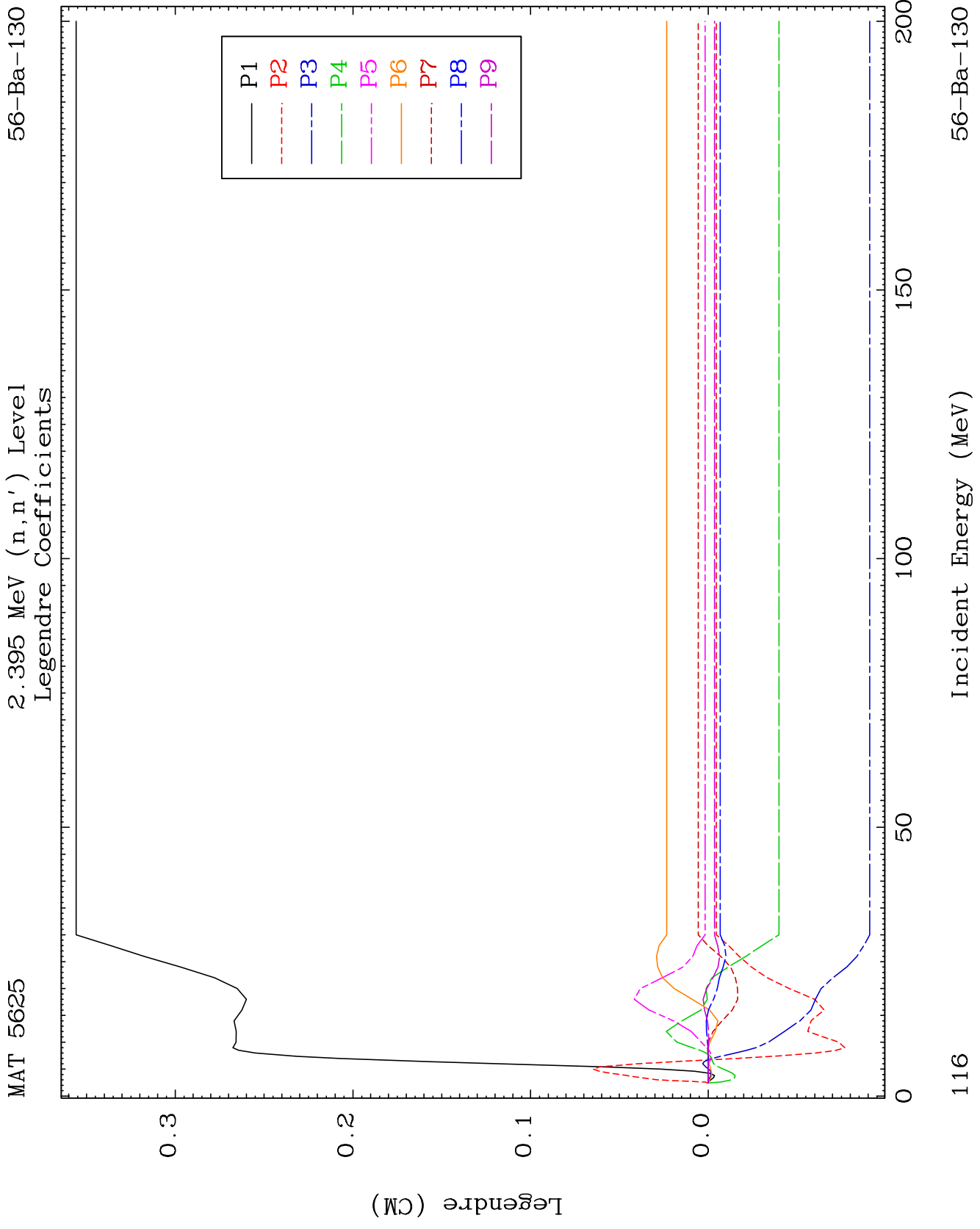








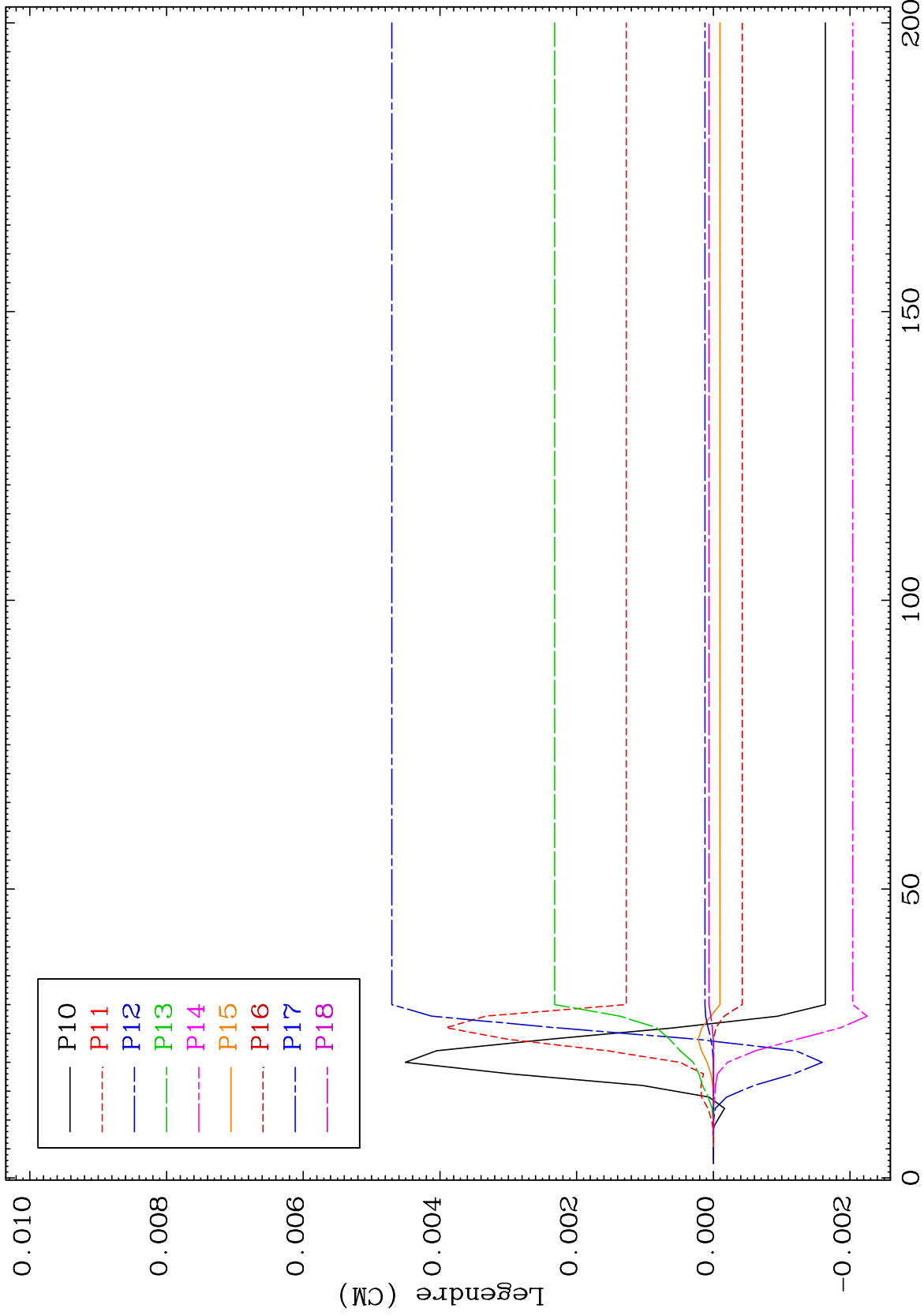




MAT 5625

2.395 MeV (n,n') Level  
Legendre Coefficients

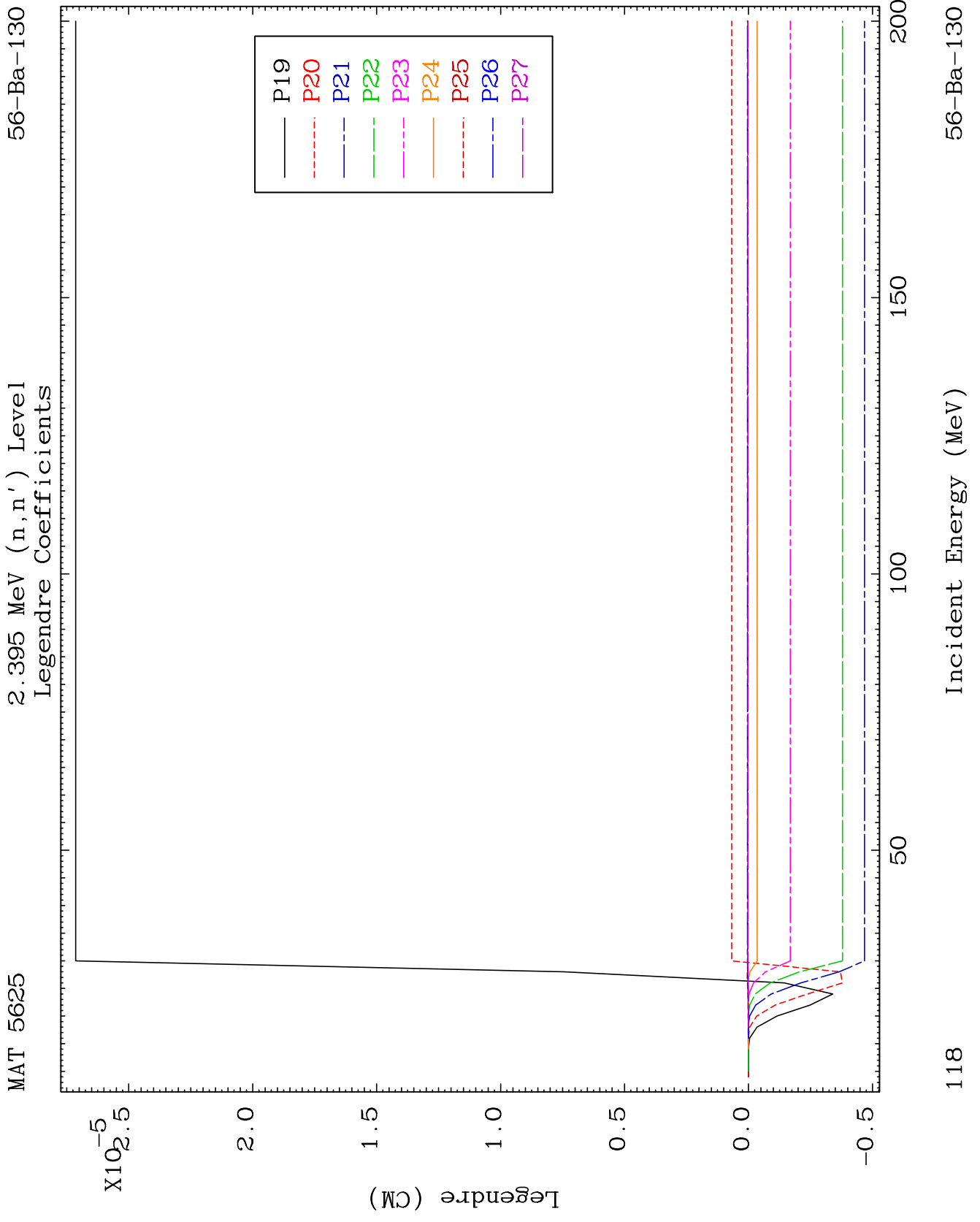
56-Ba-130

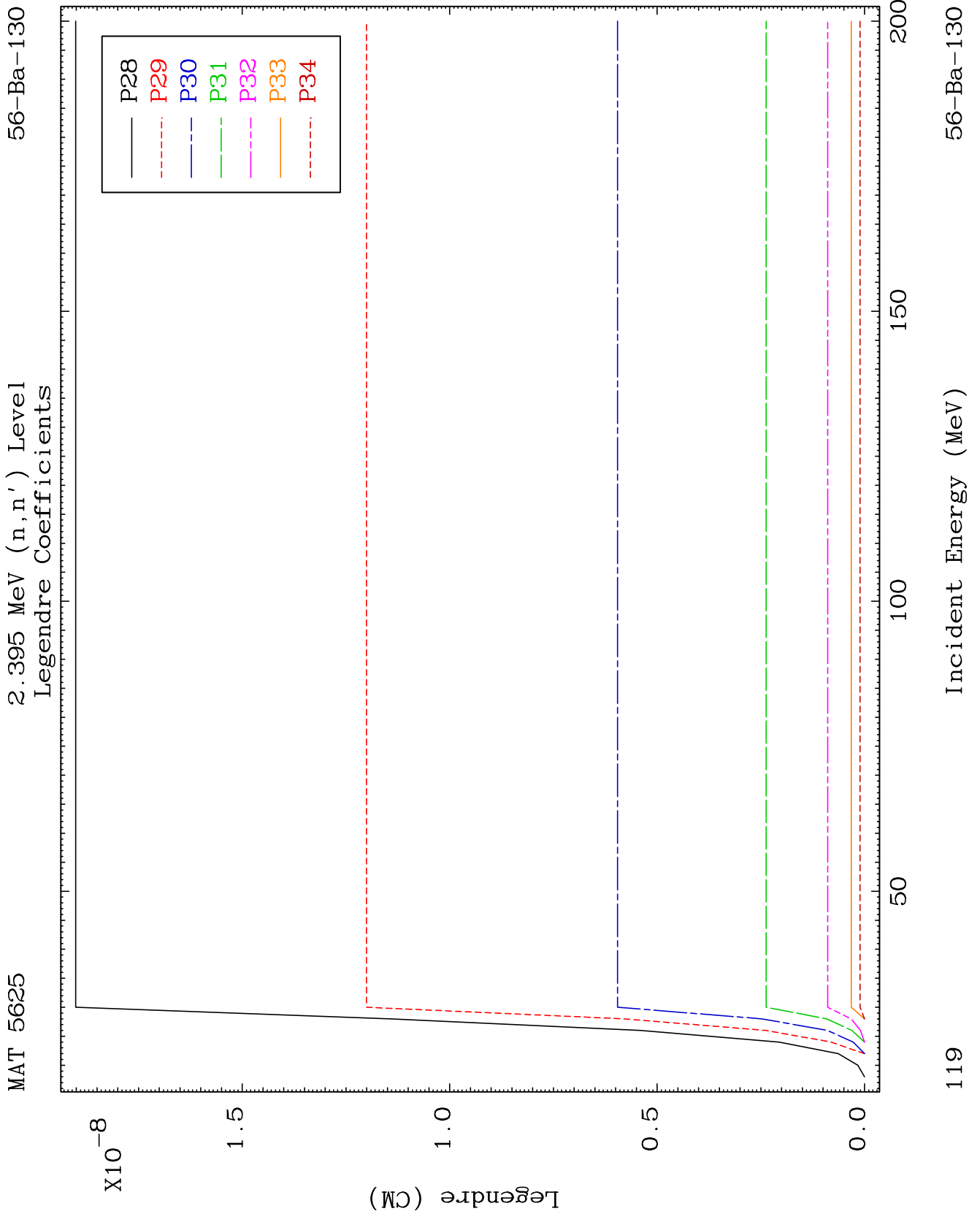


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Incident Energy (MeV)

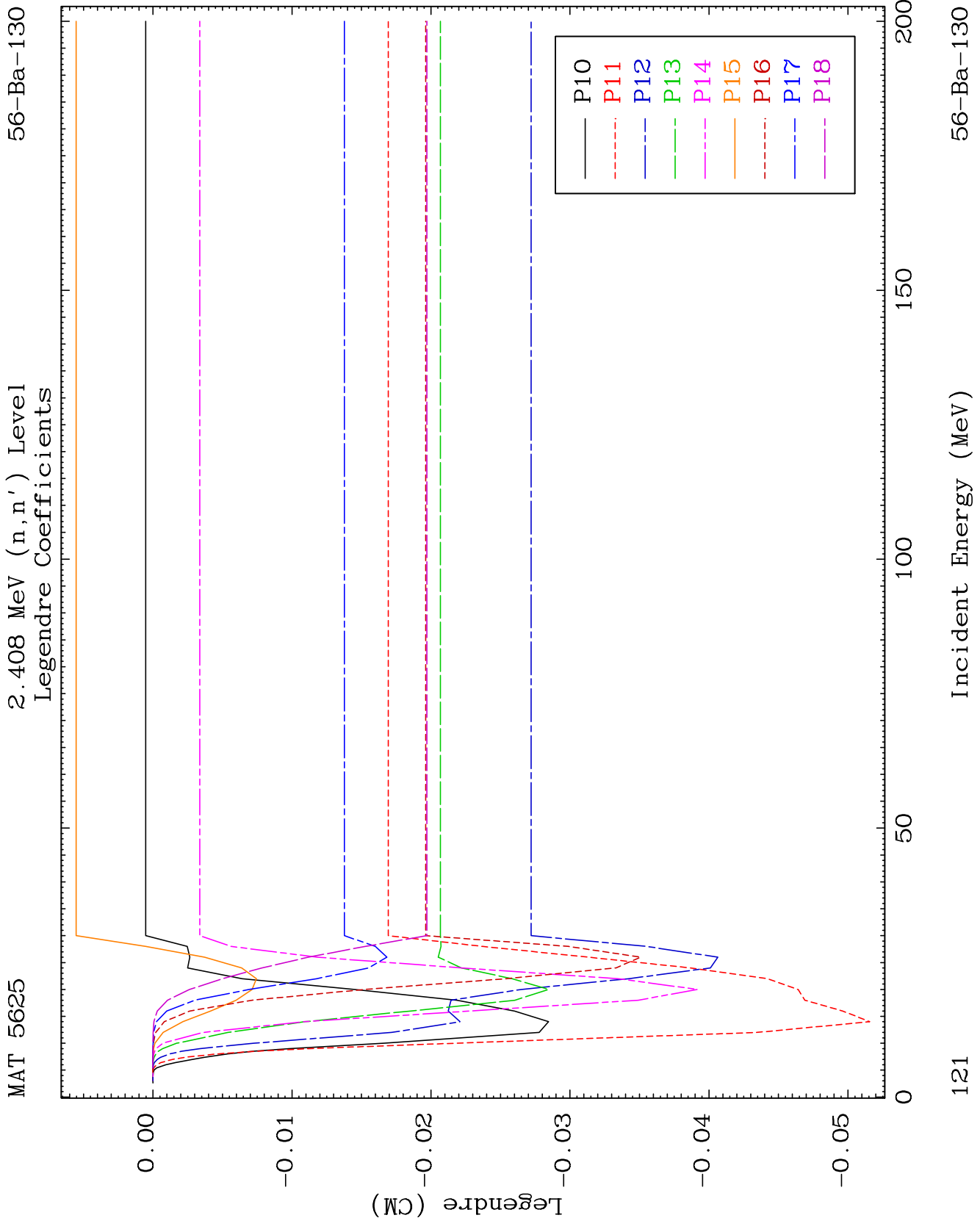
56-Ba-130

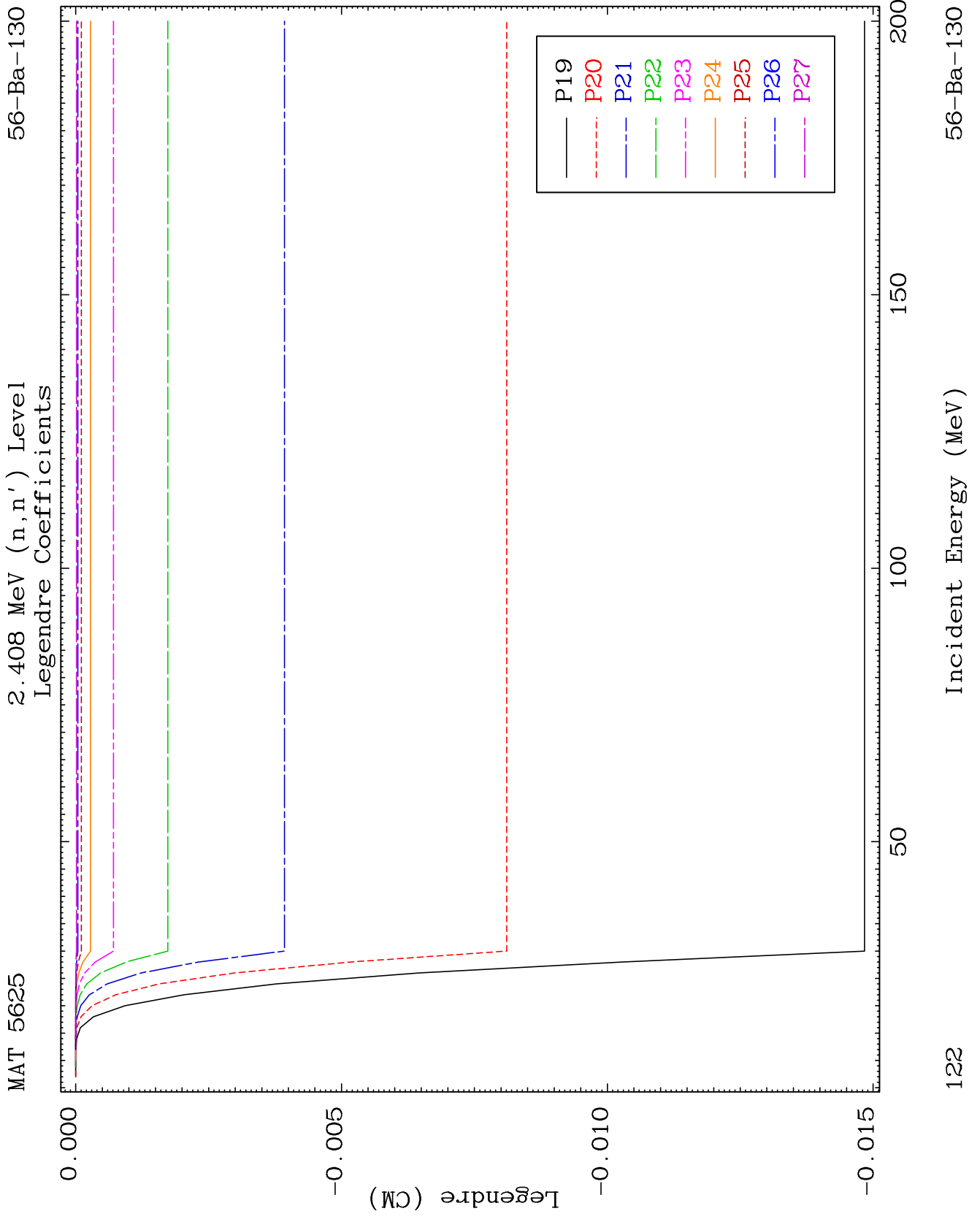


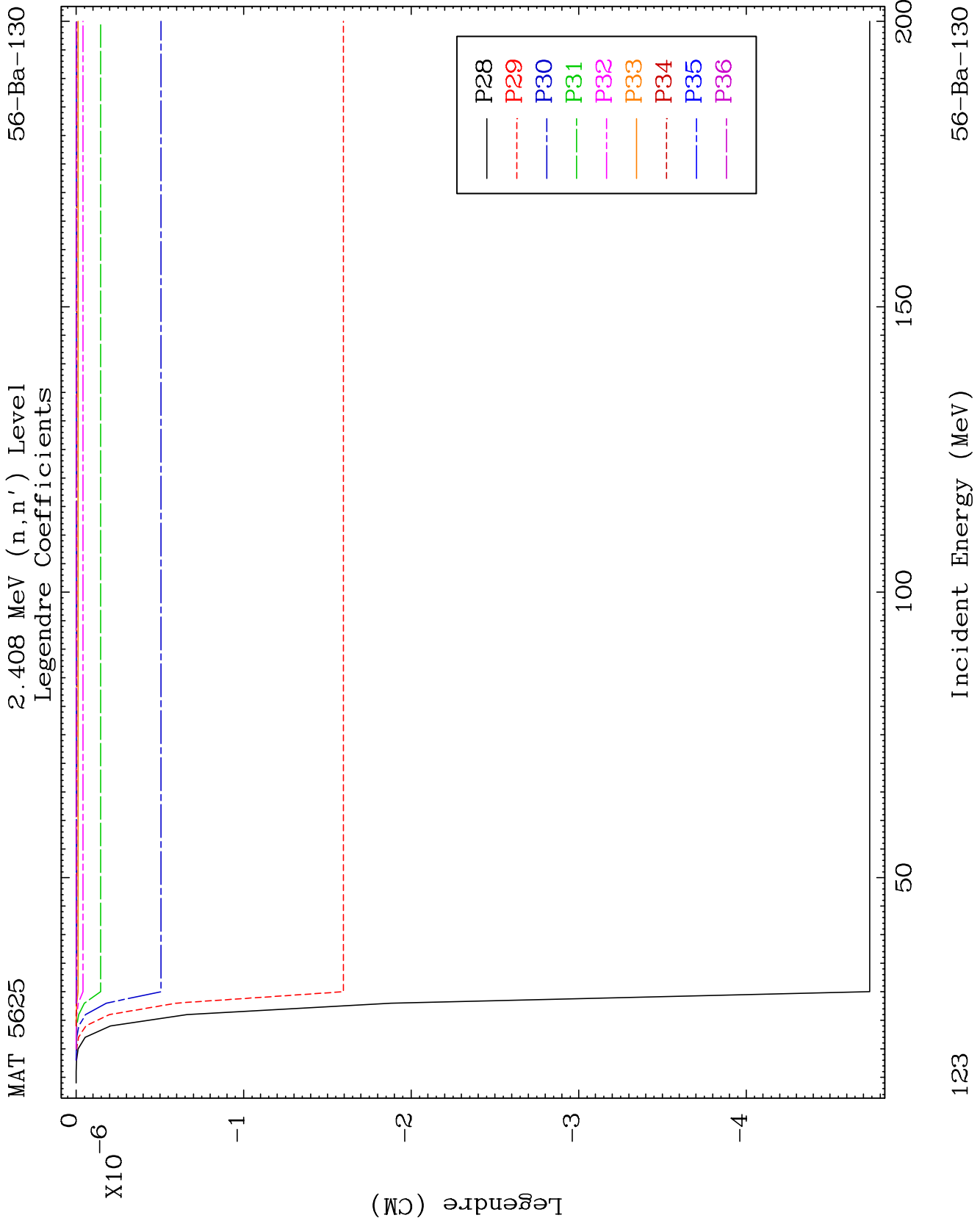


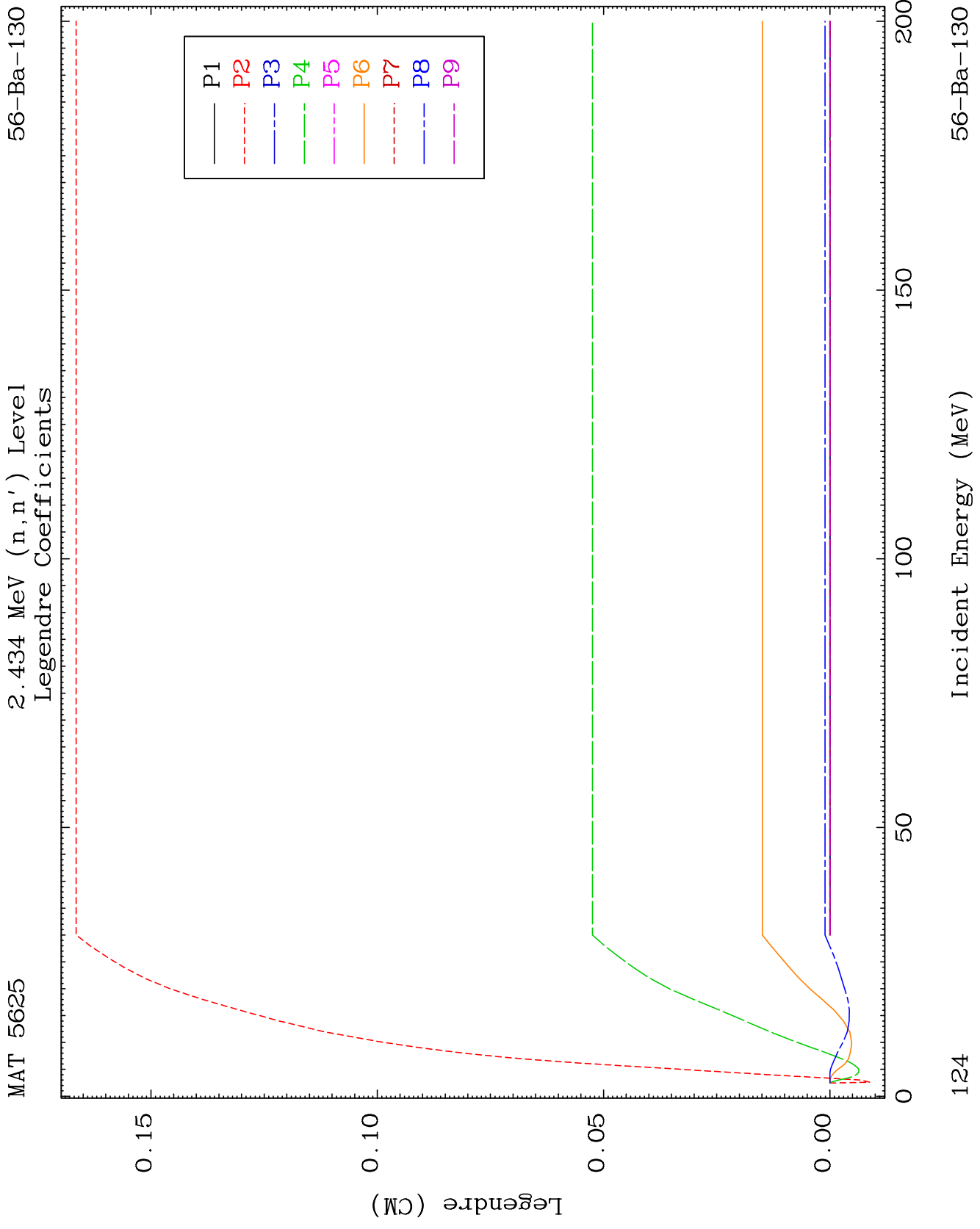


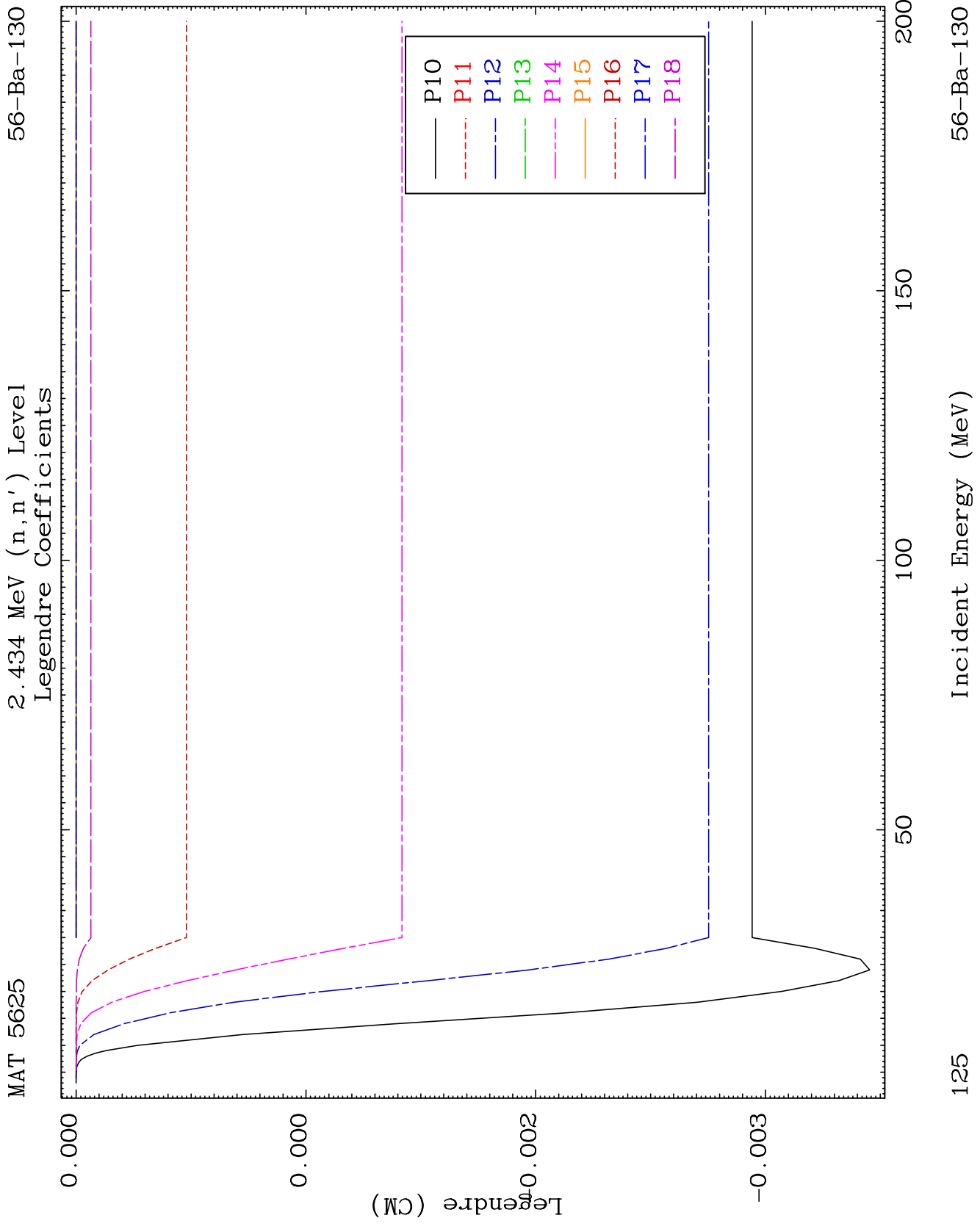


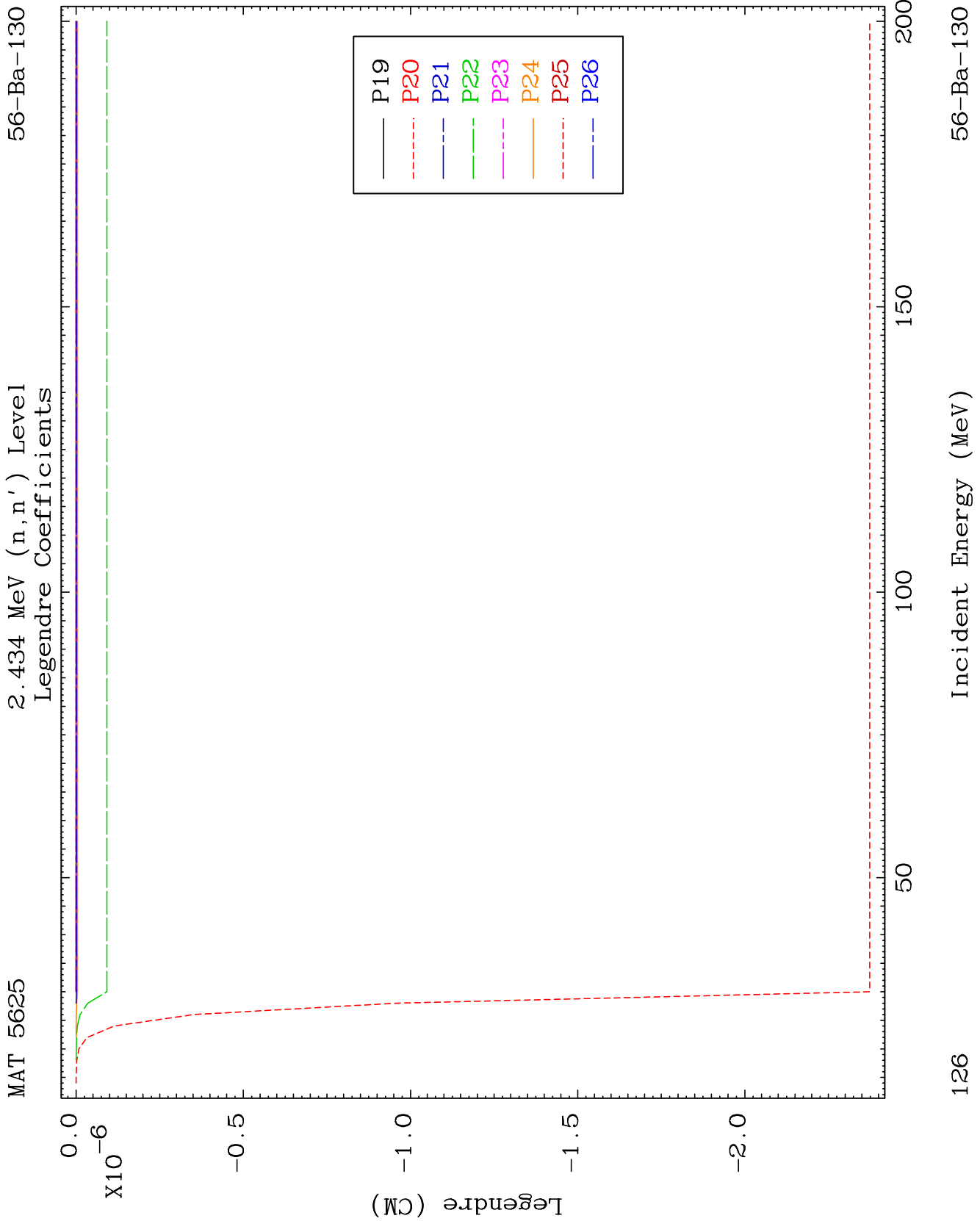








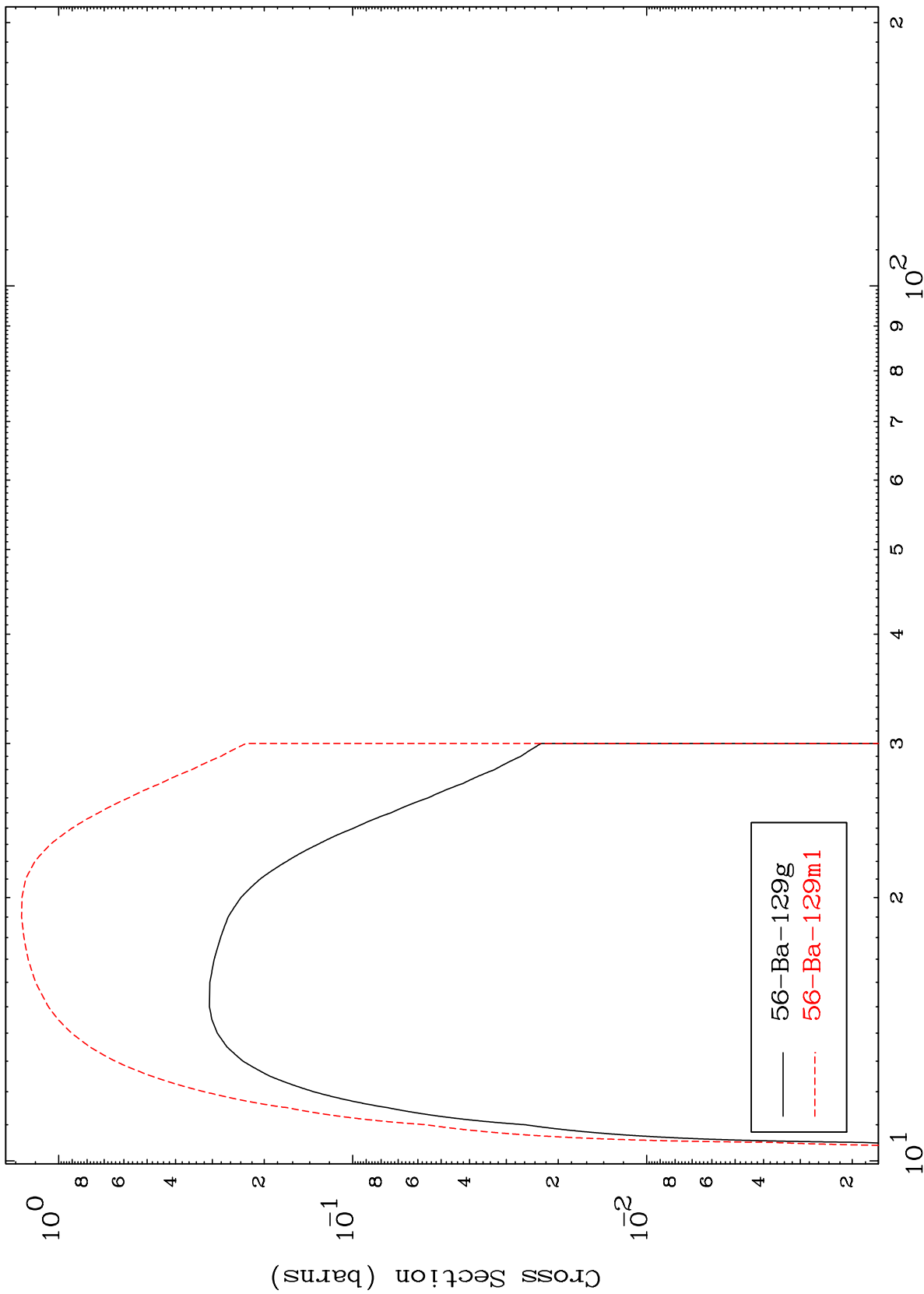




MAT 5625

56-Ba-130

(n,2n)  
Radionuclide Production Cross Section



56-Ba-130

Incident Energy (MeV)

127

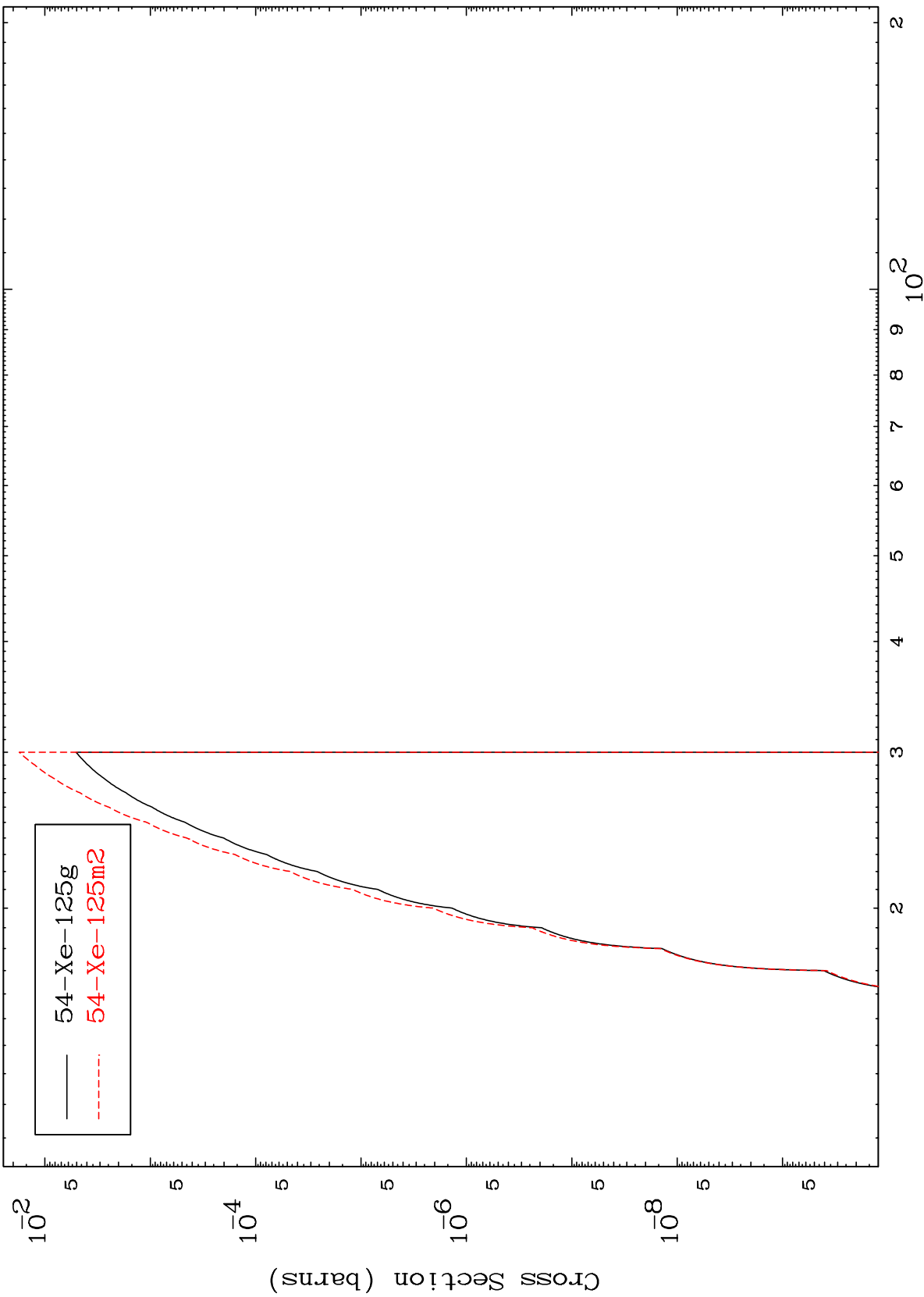


MAT 5625

56-Ba-130

(n,2n)  $\alpha$

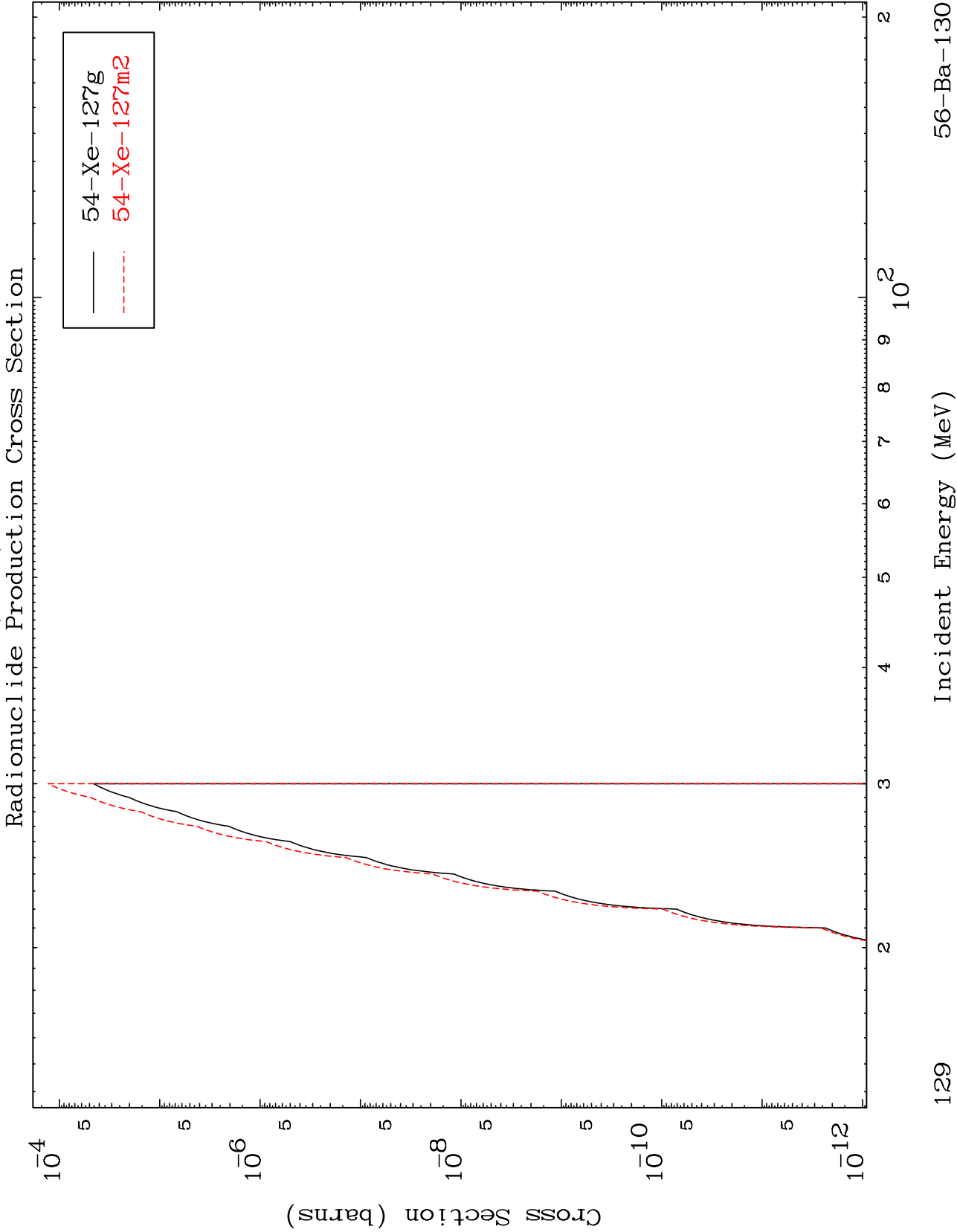
Radionuclide Production Cross Section



128

56-Ba-130

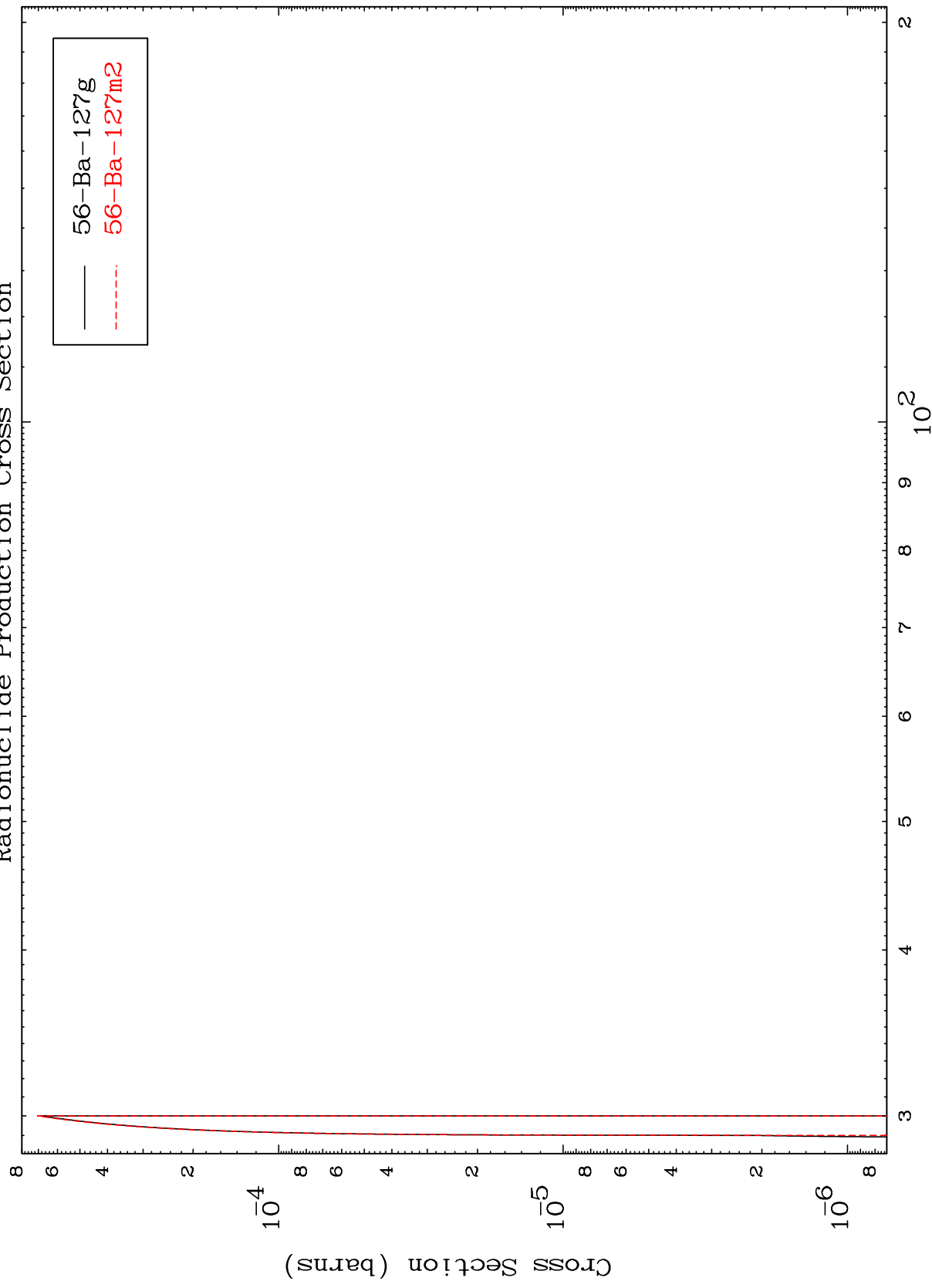
Incident Energy (MeV)



MAT 5625

56-Ba-130

(n,4n)  
Radionuclide Production Cross Section



56-Ba-130

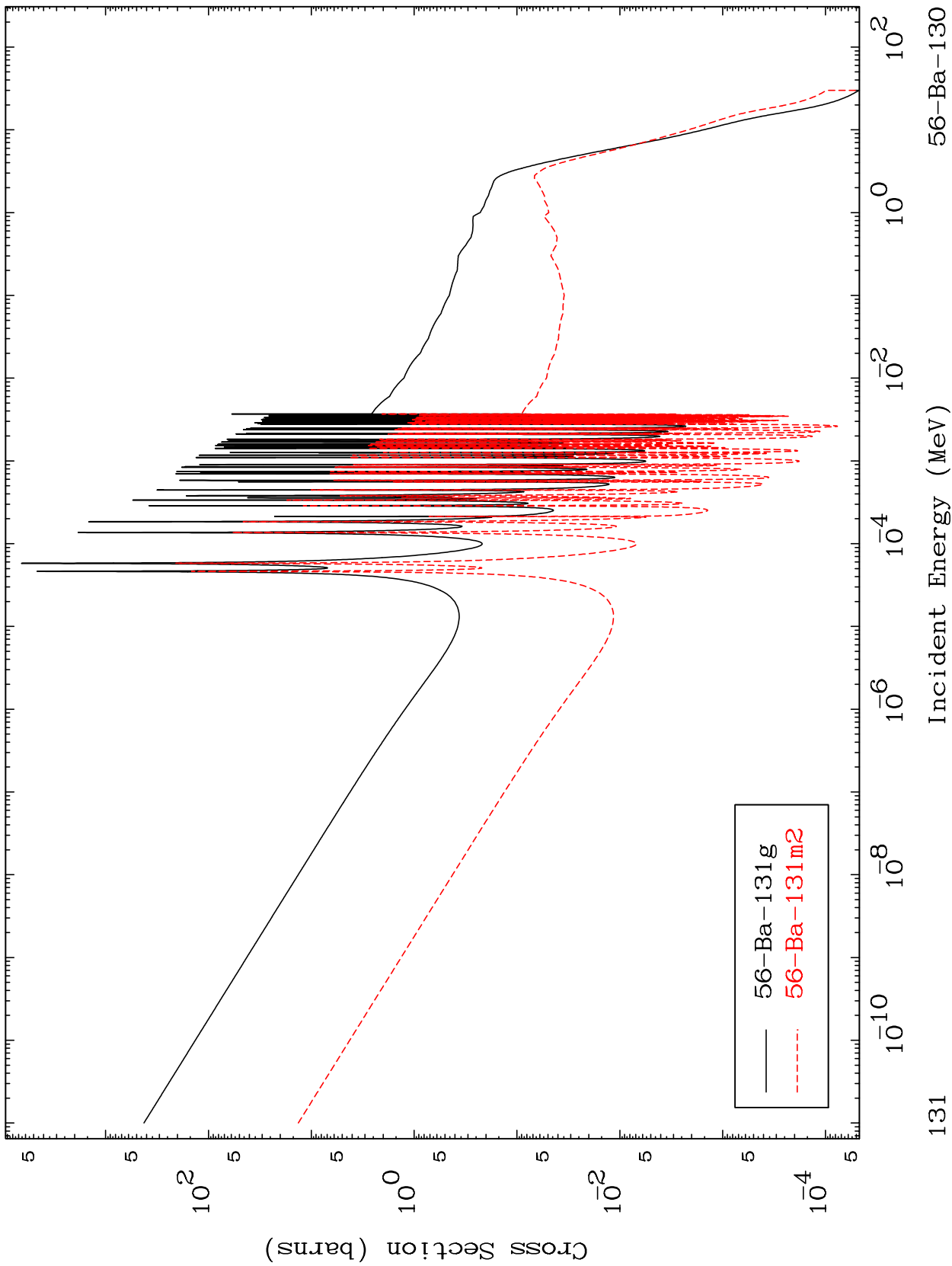
Incident Energy (MeV)

130

MAT 5625

56-Ba-130

$(n, \gamma)$   
Radionuclide Production Cross Section

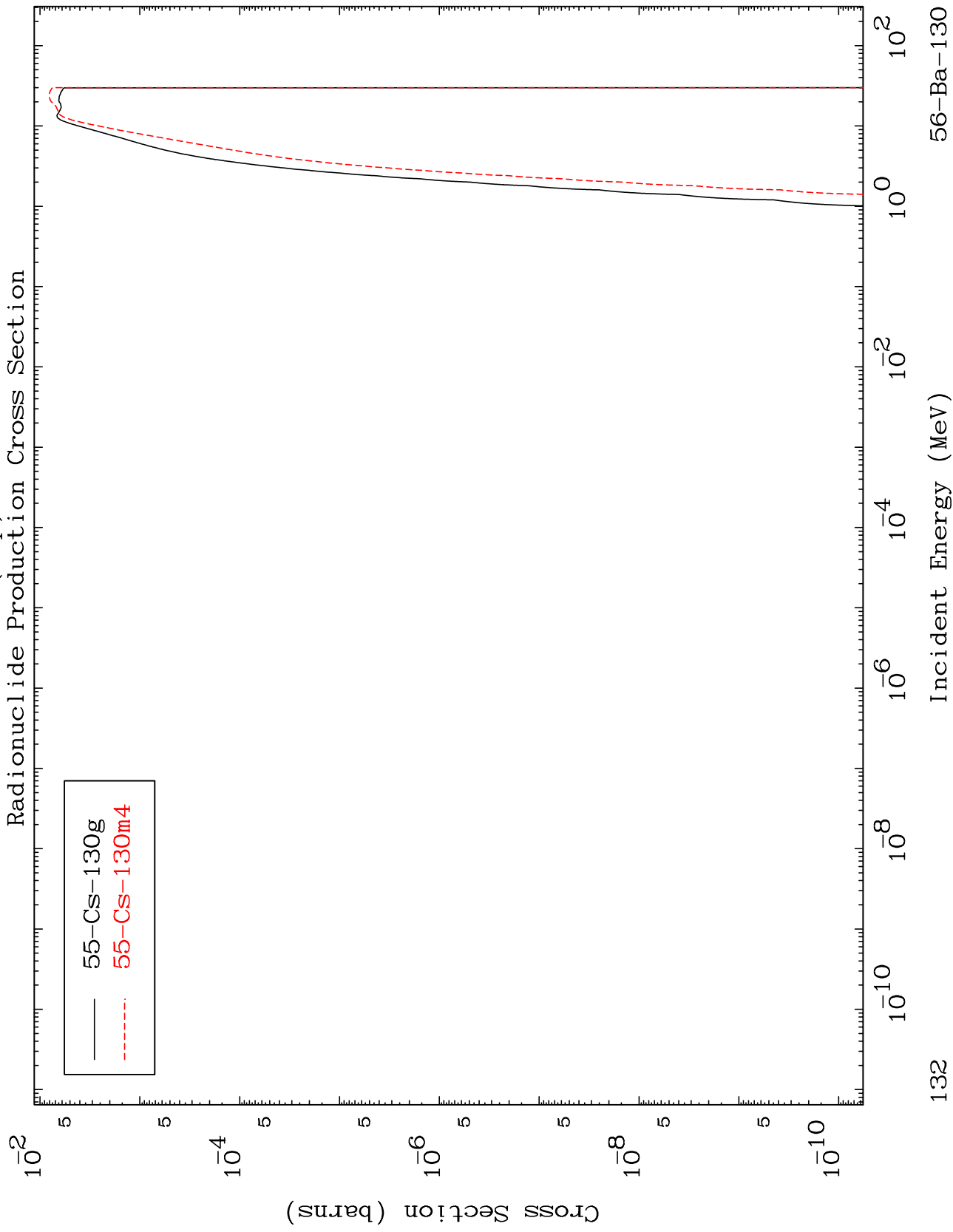


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MAT 5625

56-Ba-130

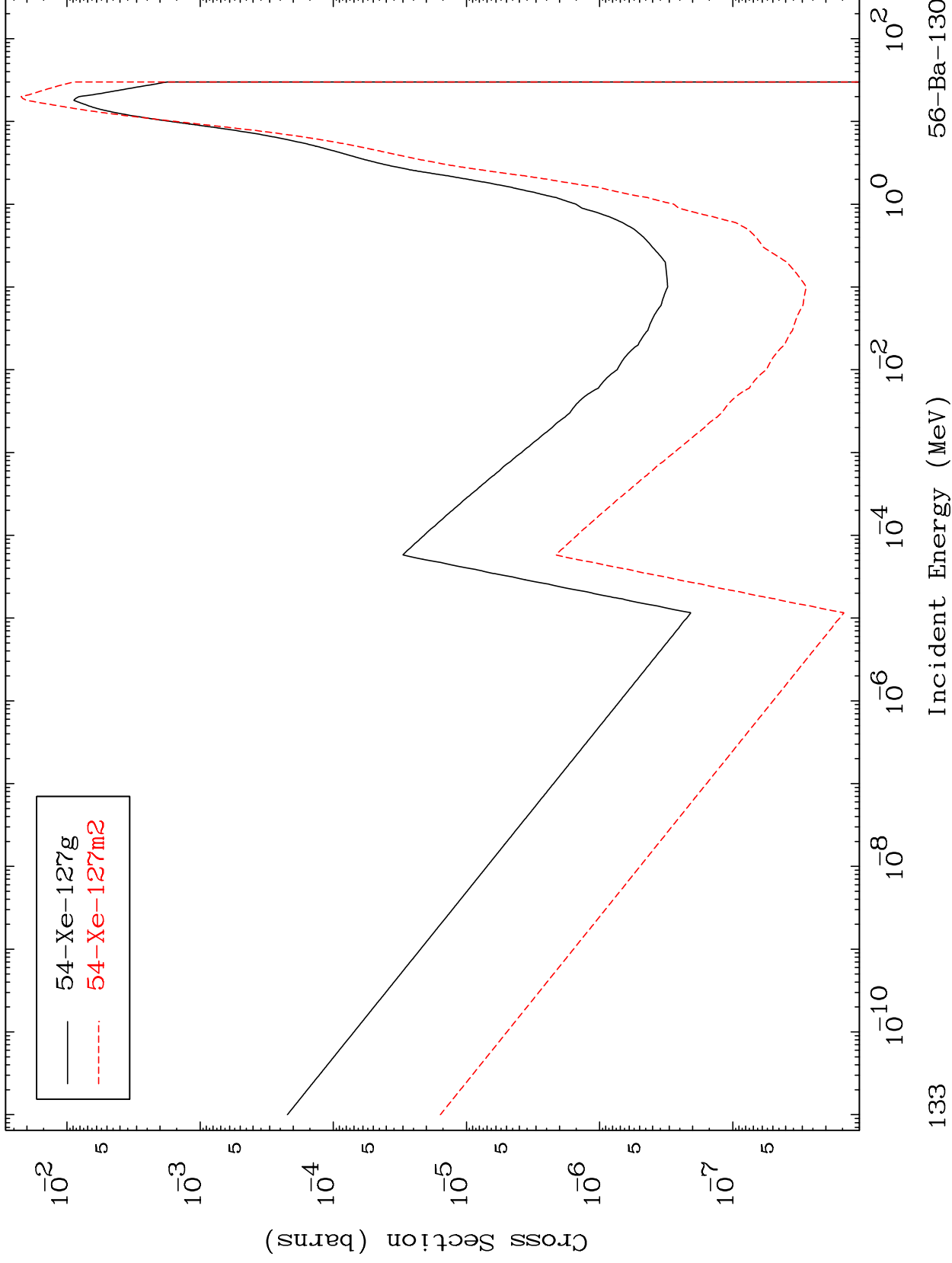
(n,p)  
Radionuclide Production Cross Section



MAT 5625

Radionuclide Production Cross Section  
(n,  $\alpha$ )

56-Ba-130

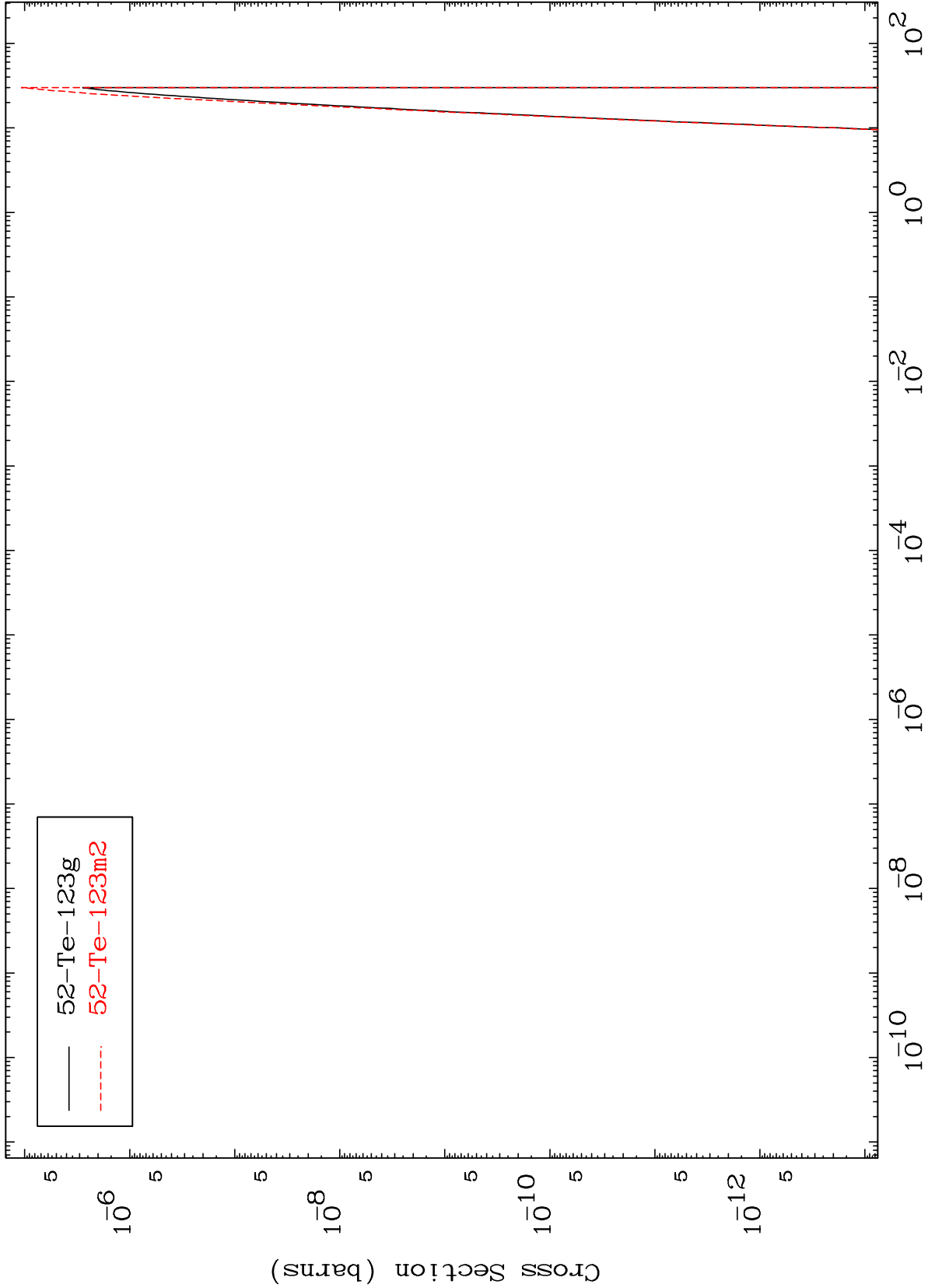
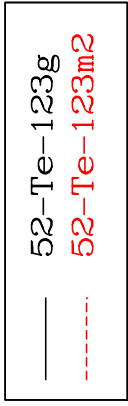


MAT 5625

(n,2α)

56-Ba-130

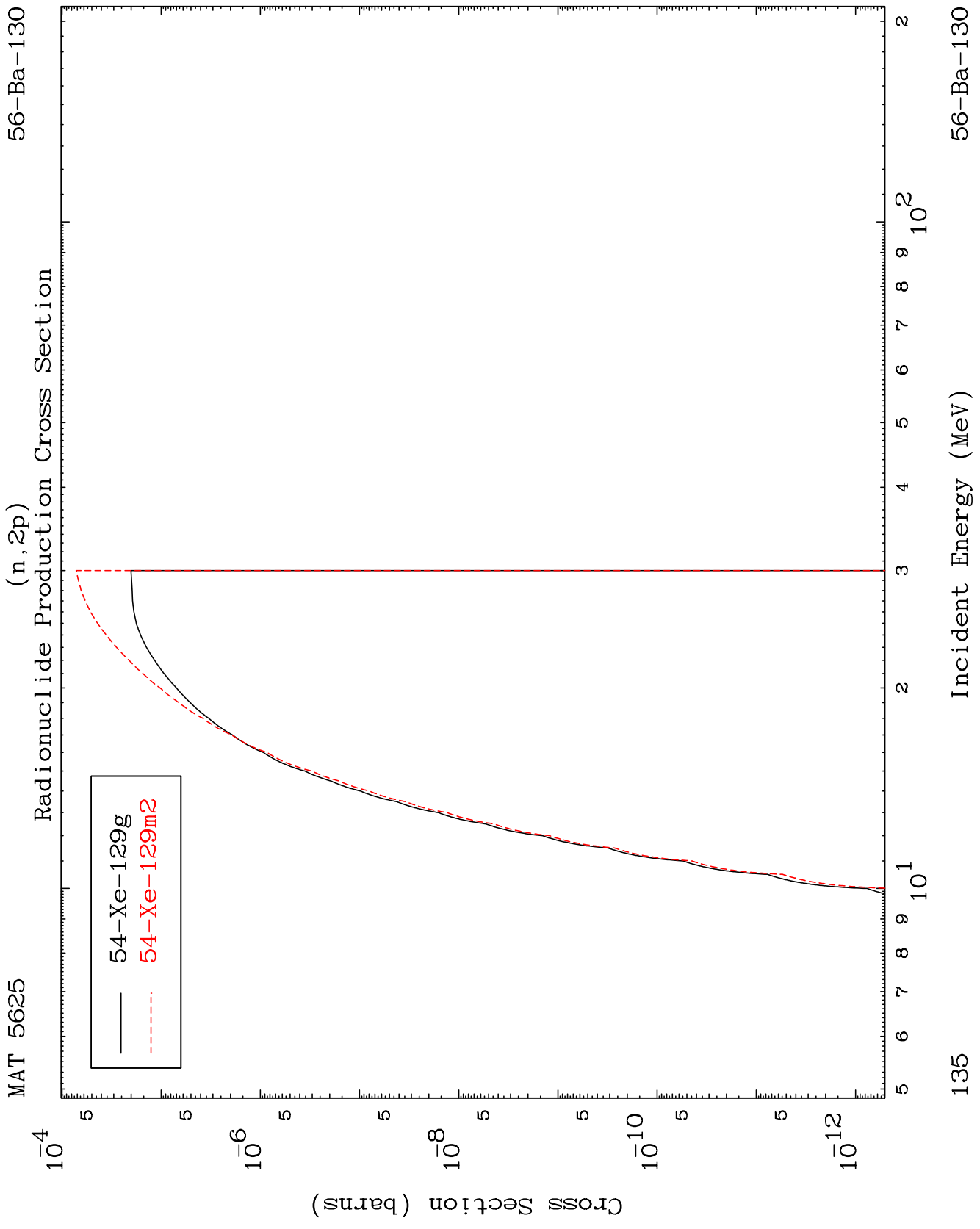
Radionuclide Production Cross Section



134

Incident Energy (MeV)

56-Ba-130



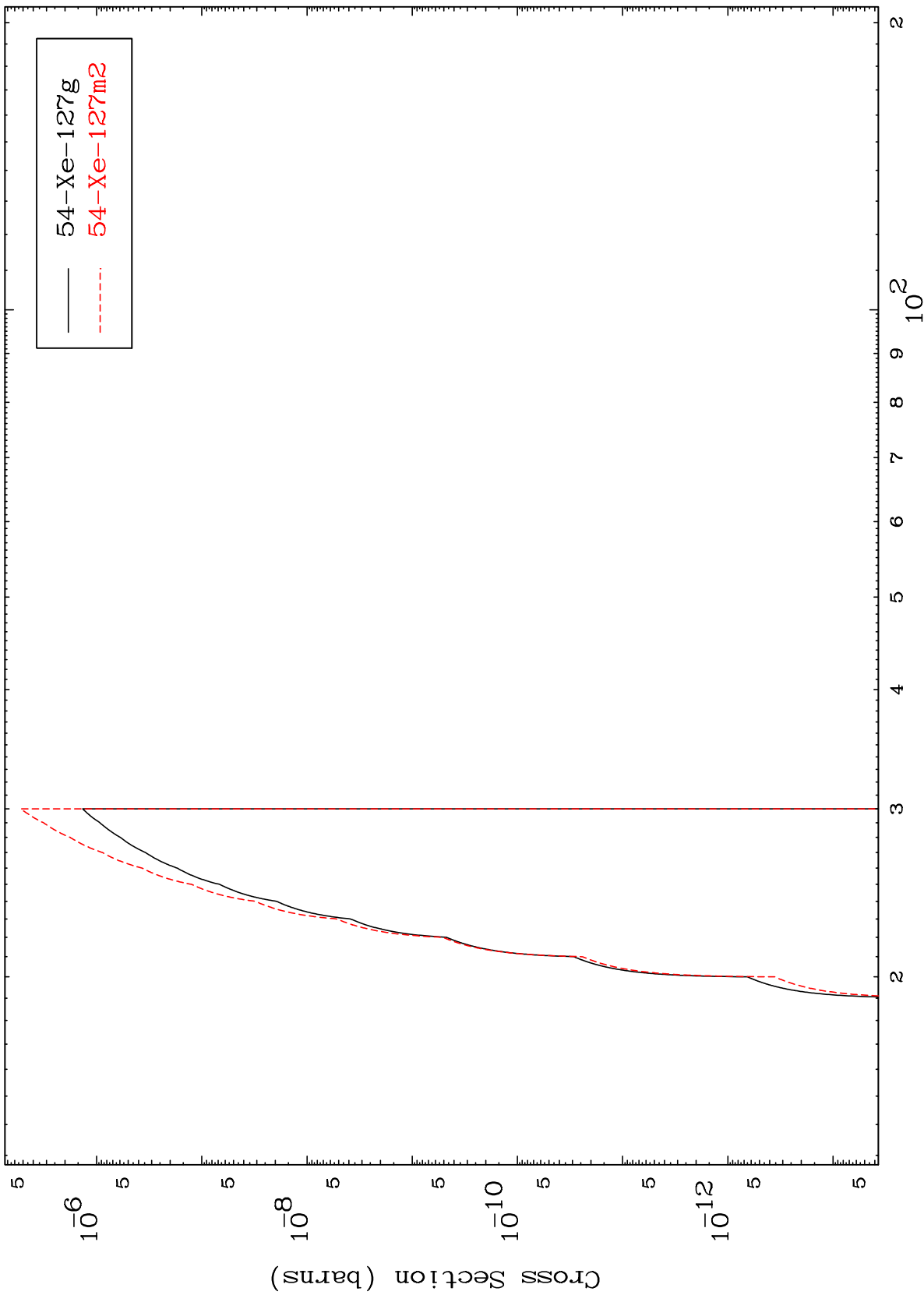


MAT 5625

(n,p) t

56-Ba-130

Radionuclide Production Cross Section



136

Incident Energy (MeV)

56-Ba-130