

Program EVALPLOT  
(Version 2015-2)

by

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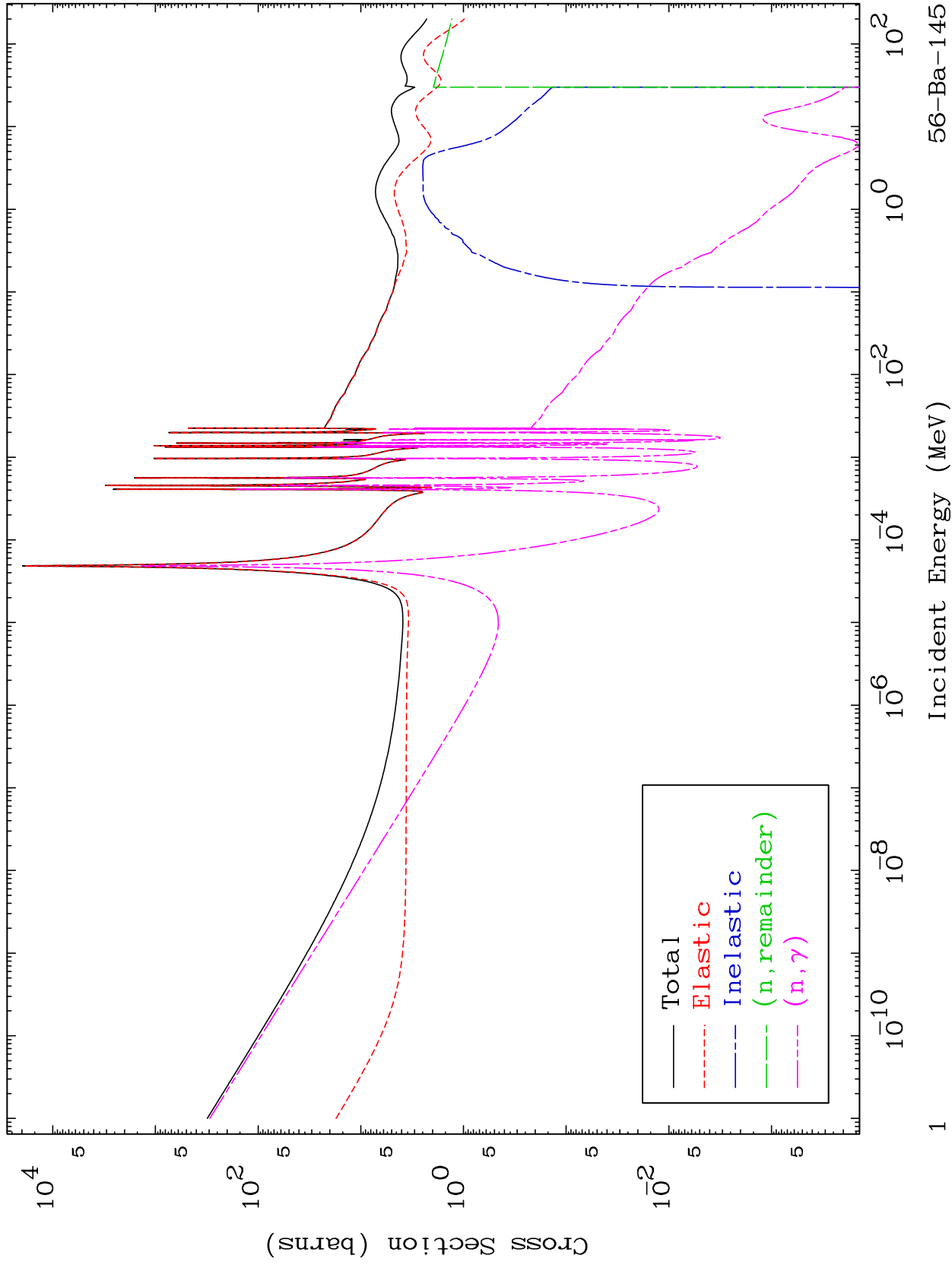
Press Mouse Button to Start

MAT 5670

Major

293 Kelvin Cross Sections

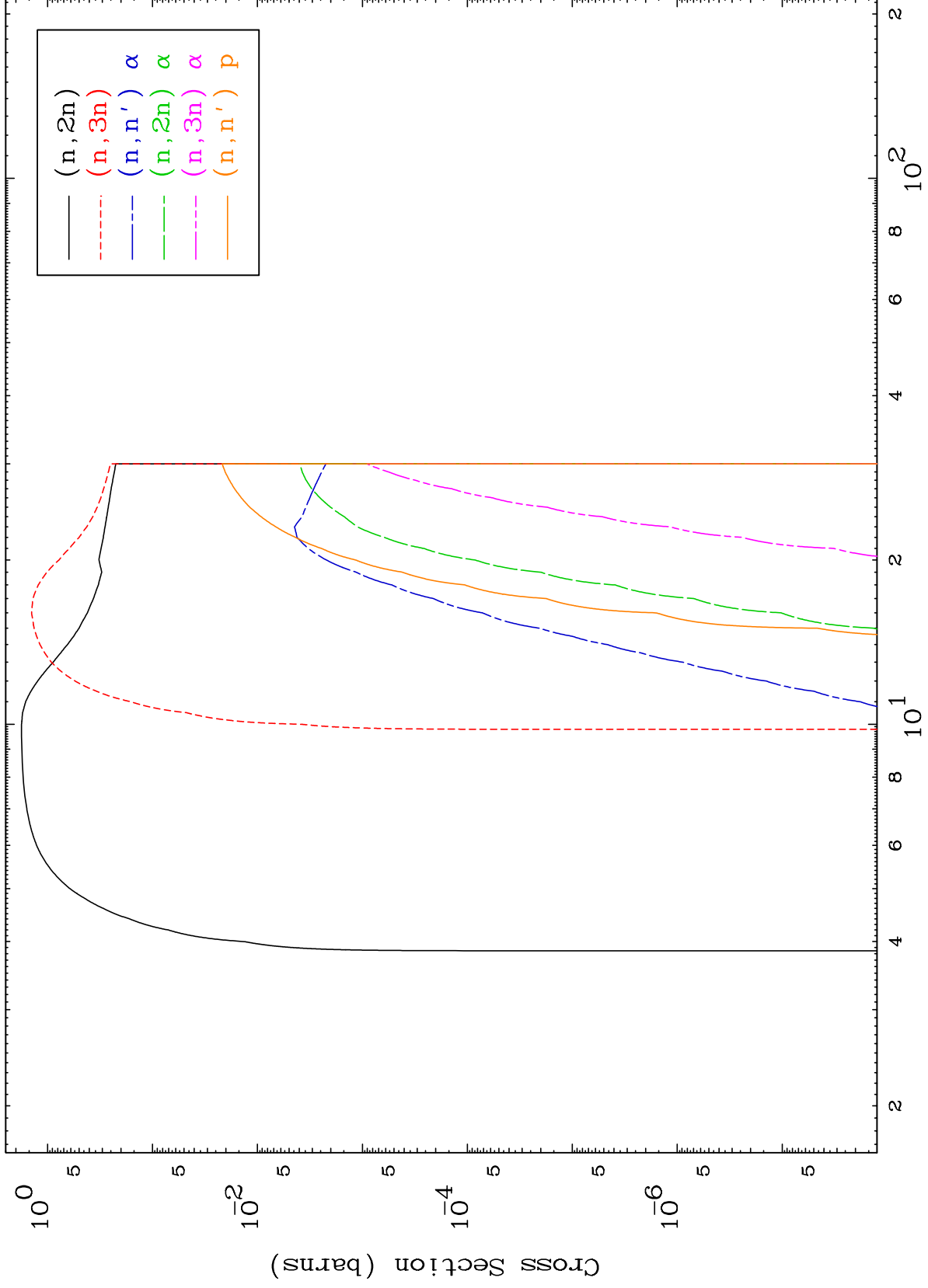
56-Ba-145



MAT 5670

Neutron Production  
293 Kelvin Cross Sections

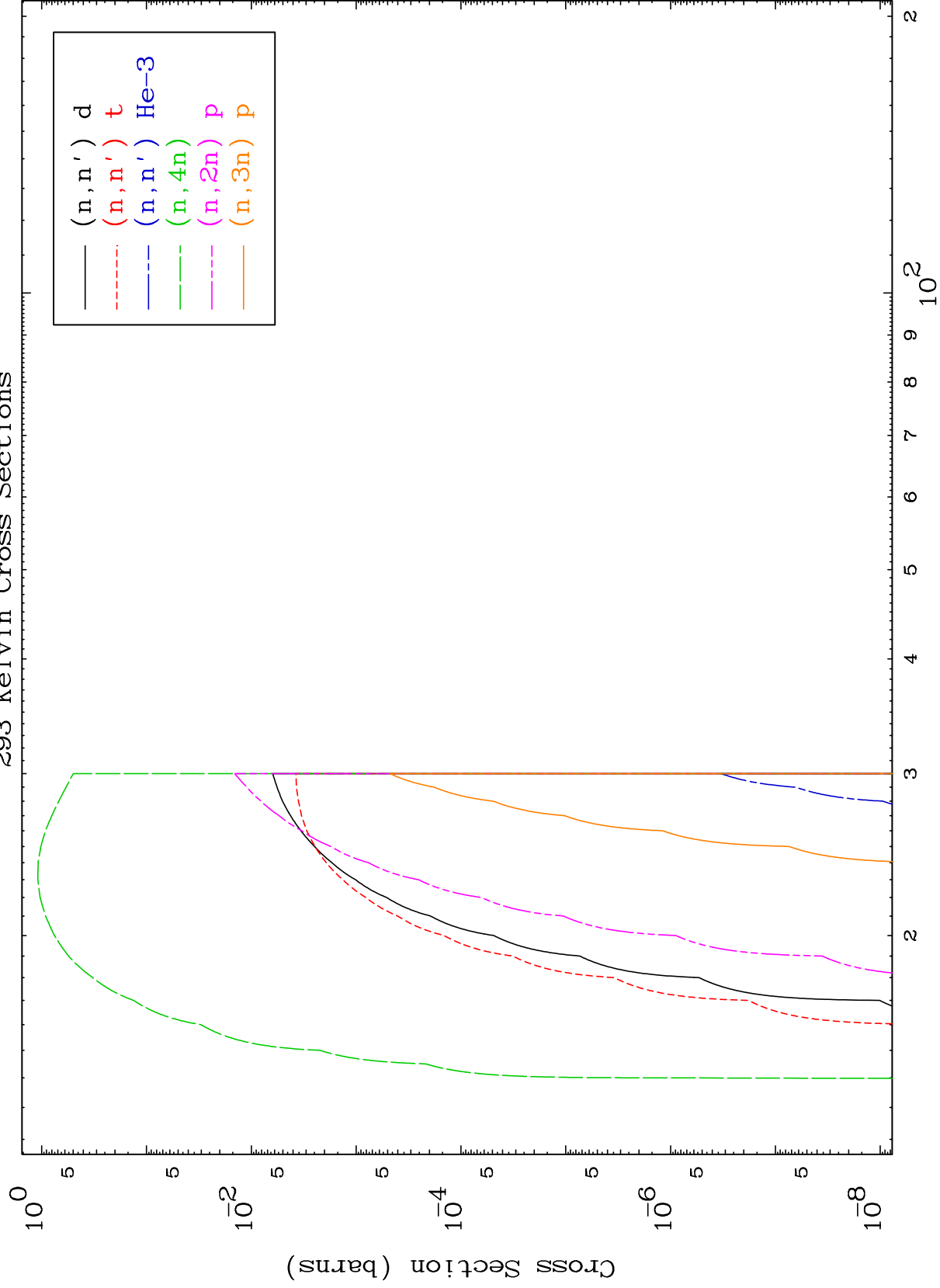
56-Ba-145



2

Incident Energy (MeV)

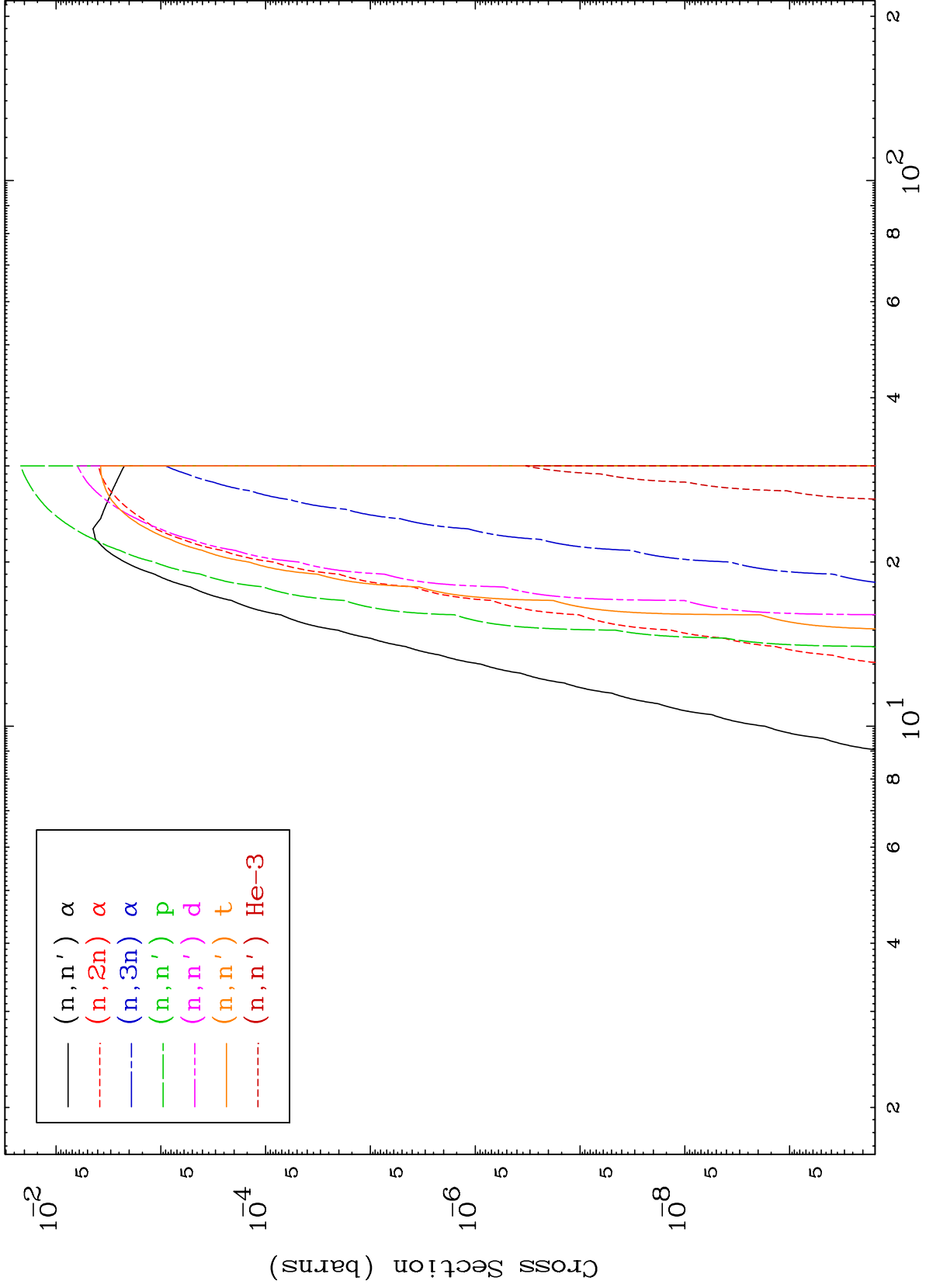
56-Ba-145



MAT 5670

Charged Particle  
293 Kelvin Cross Sections

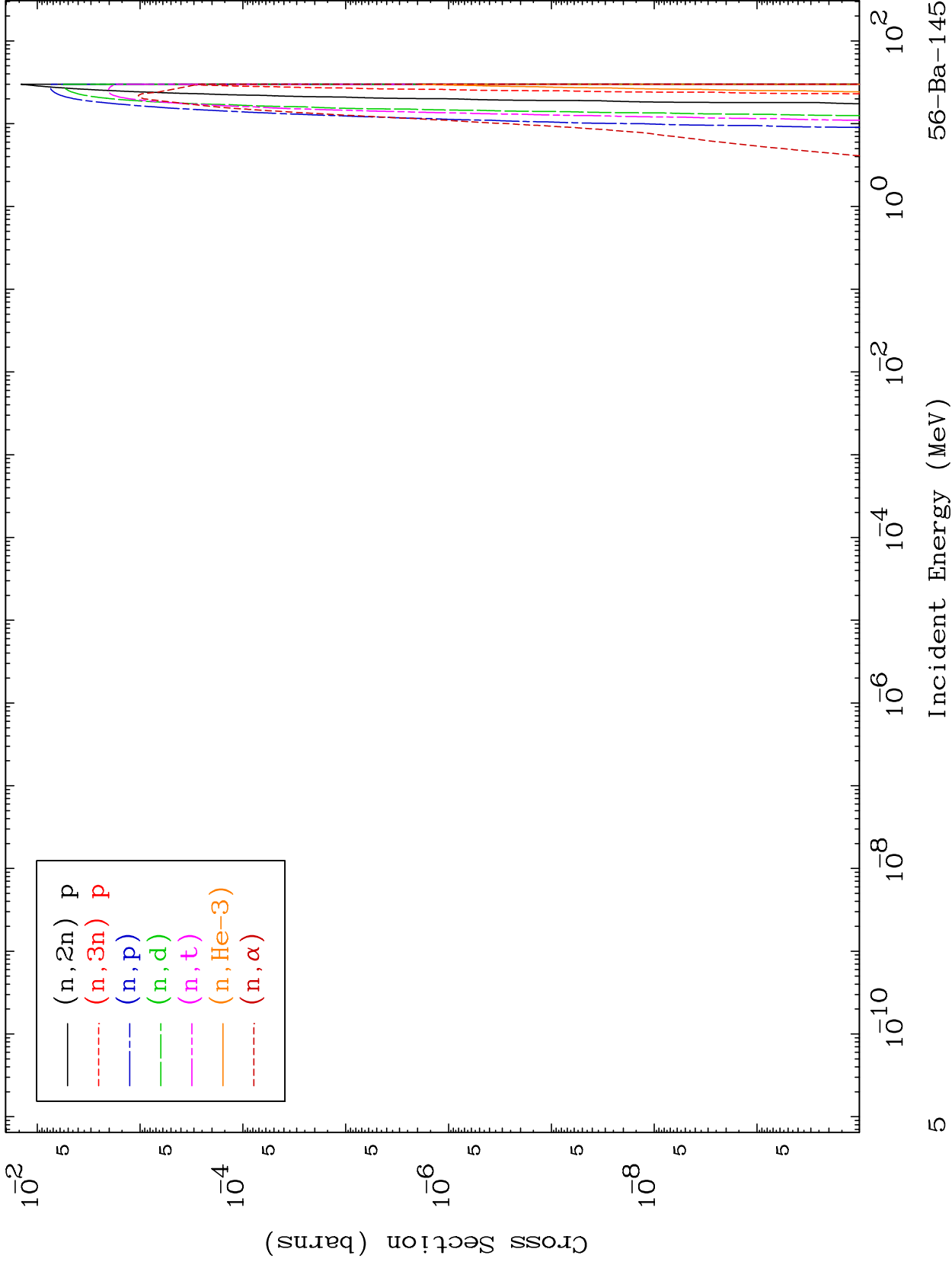
56-Ba-145



MAT 5670

Charged Particle  
293 Kelvin Cross Sections

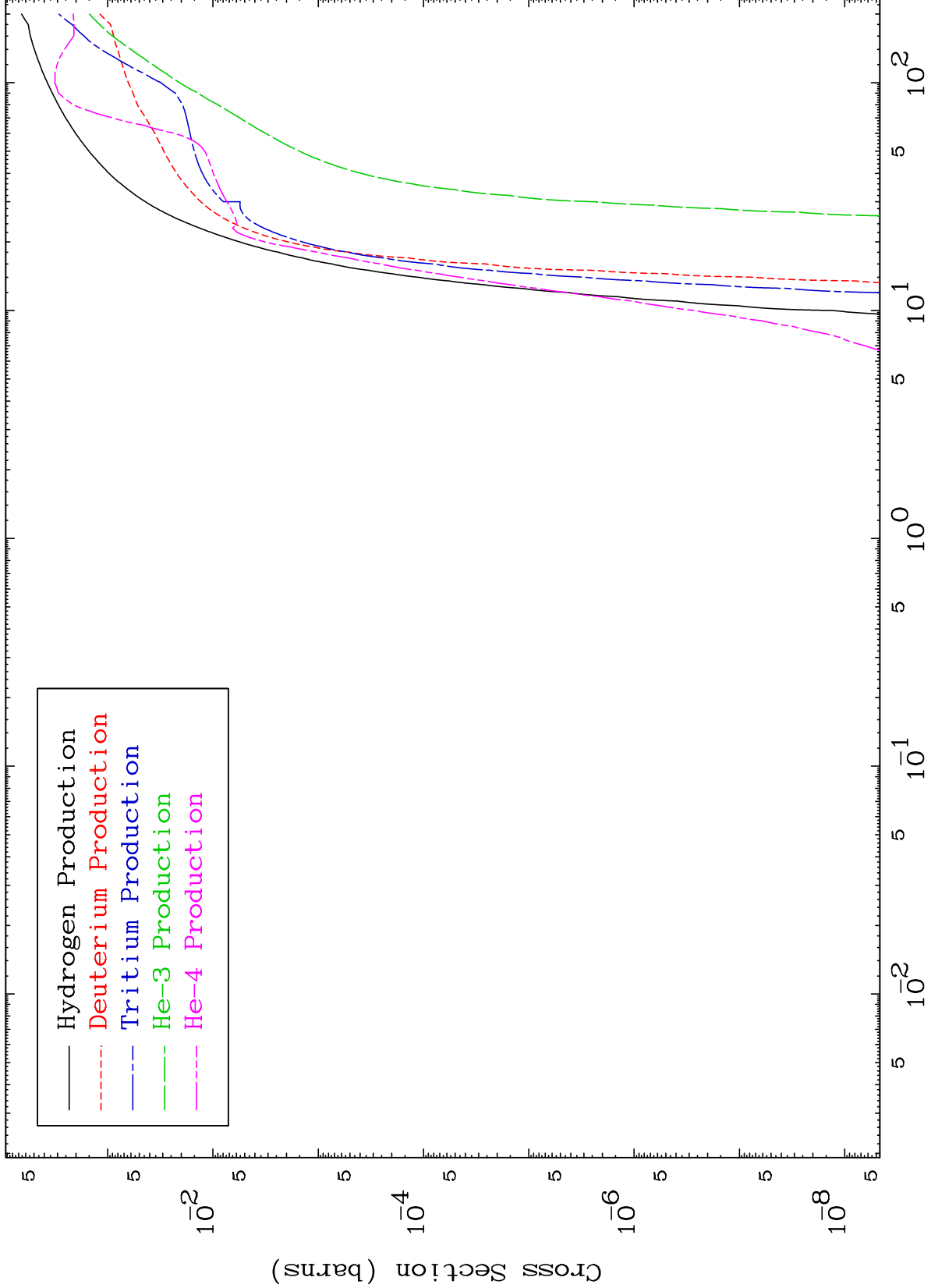
56-Ba-145



MAT 5670

Particle Production  
293 Kelvin Cross Sections

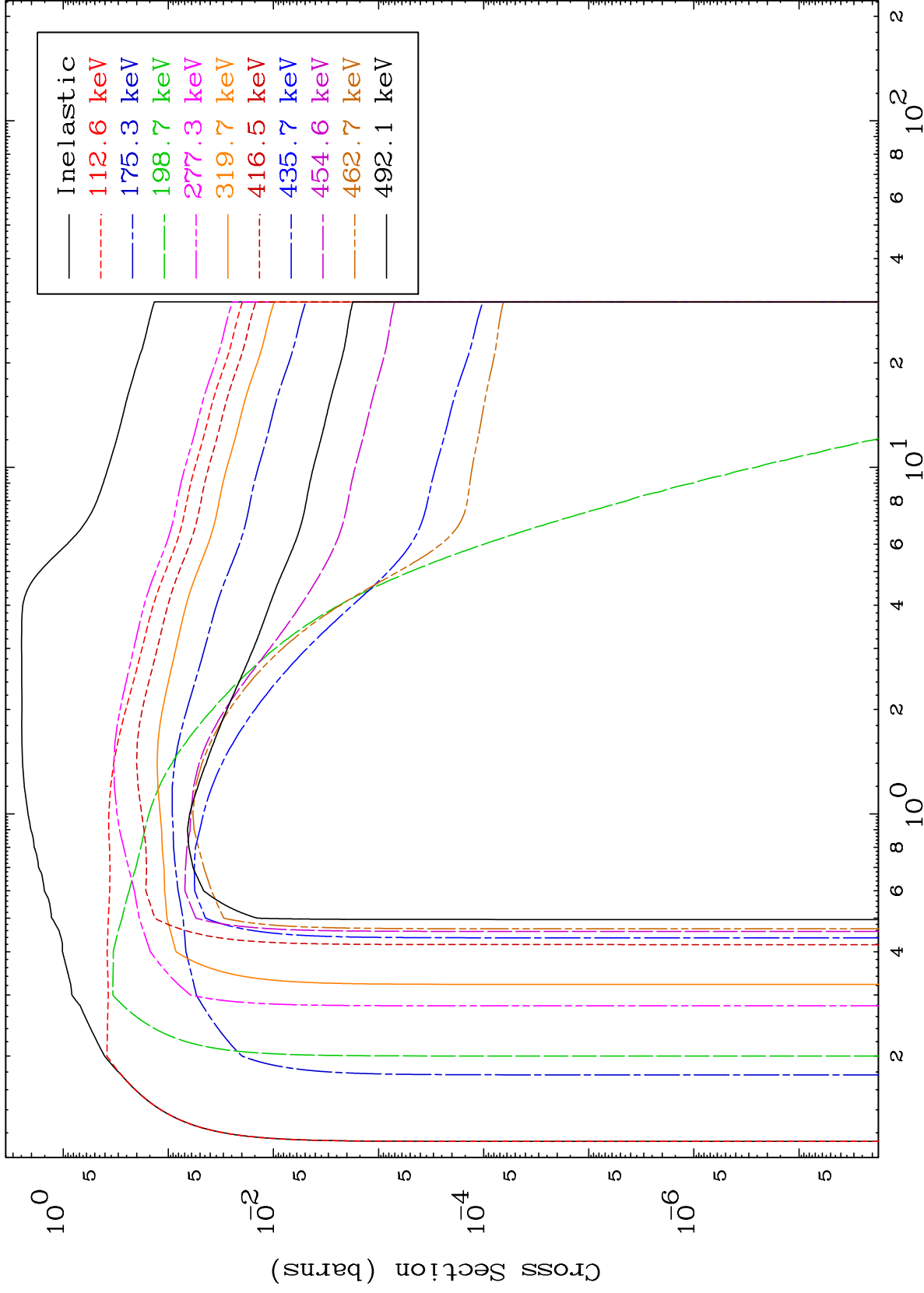
56-Ba-145



MAT 5670

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-145



7

Incident Energy (MeV)

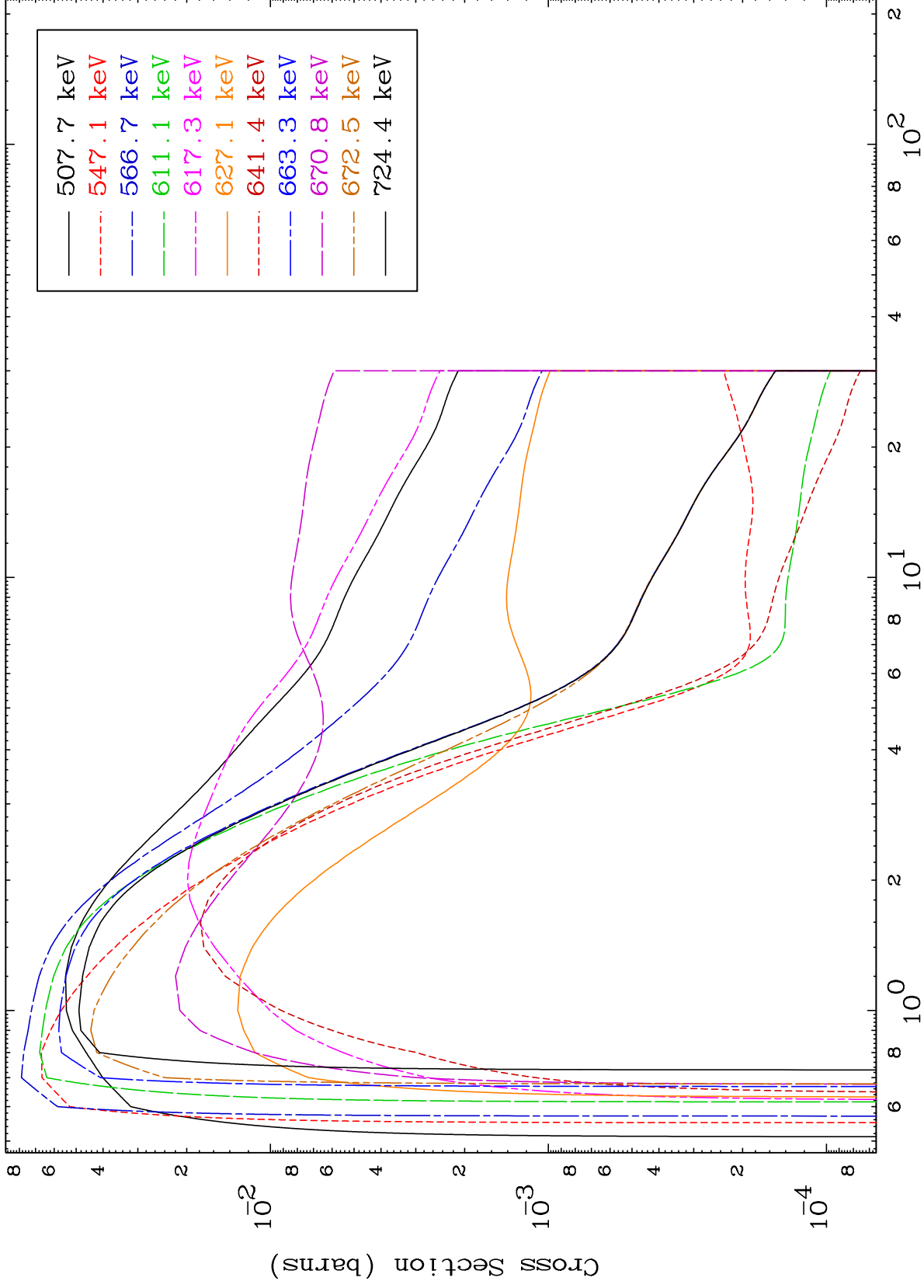
56-Ba-145



MAT 5670

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-145



8

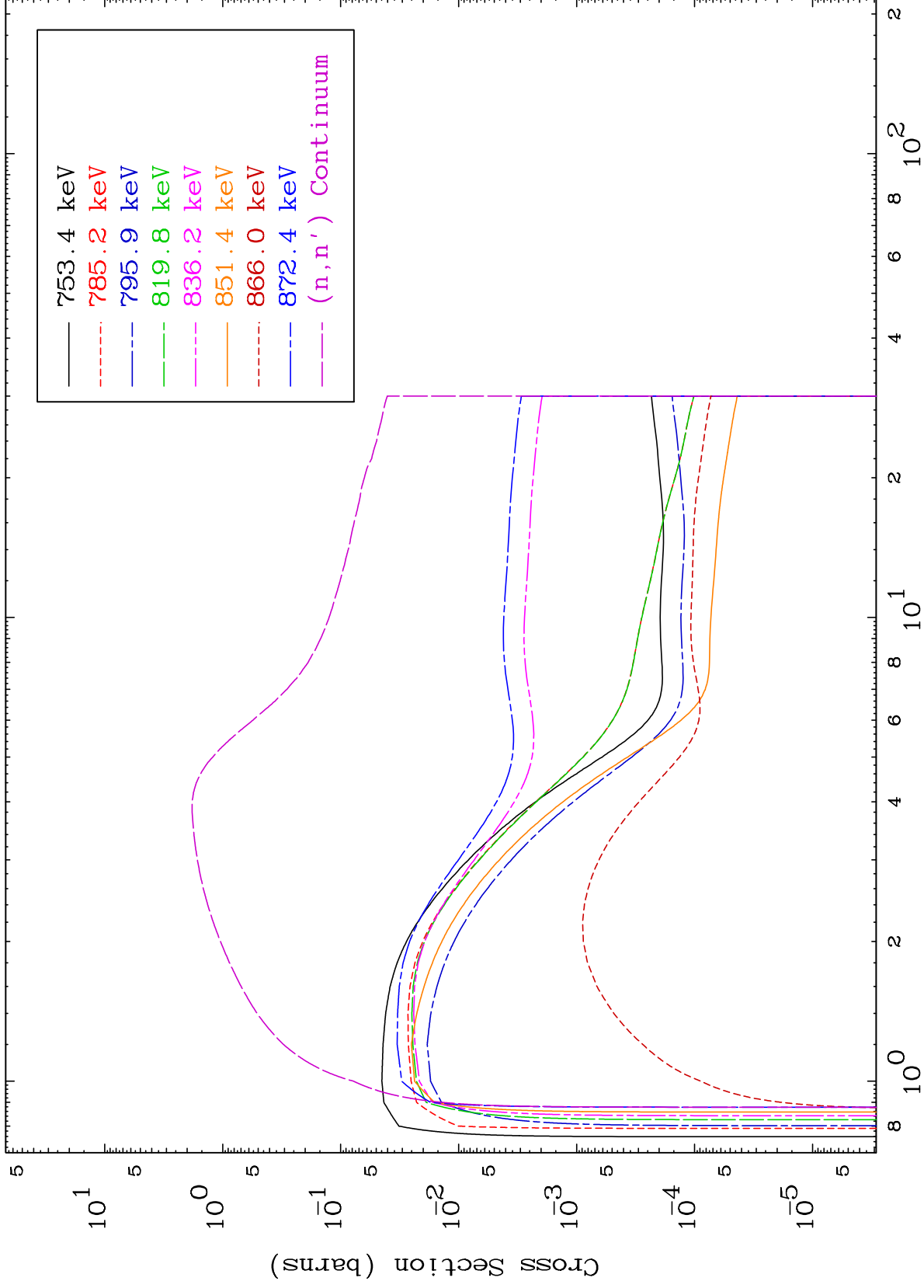
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,n') Level  
293 Kelvin Cross Sections

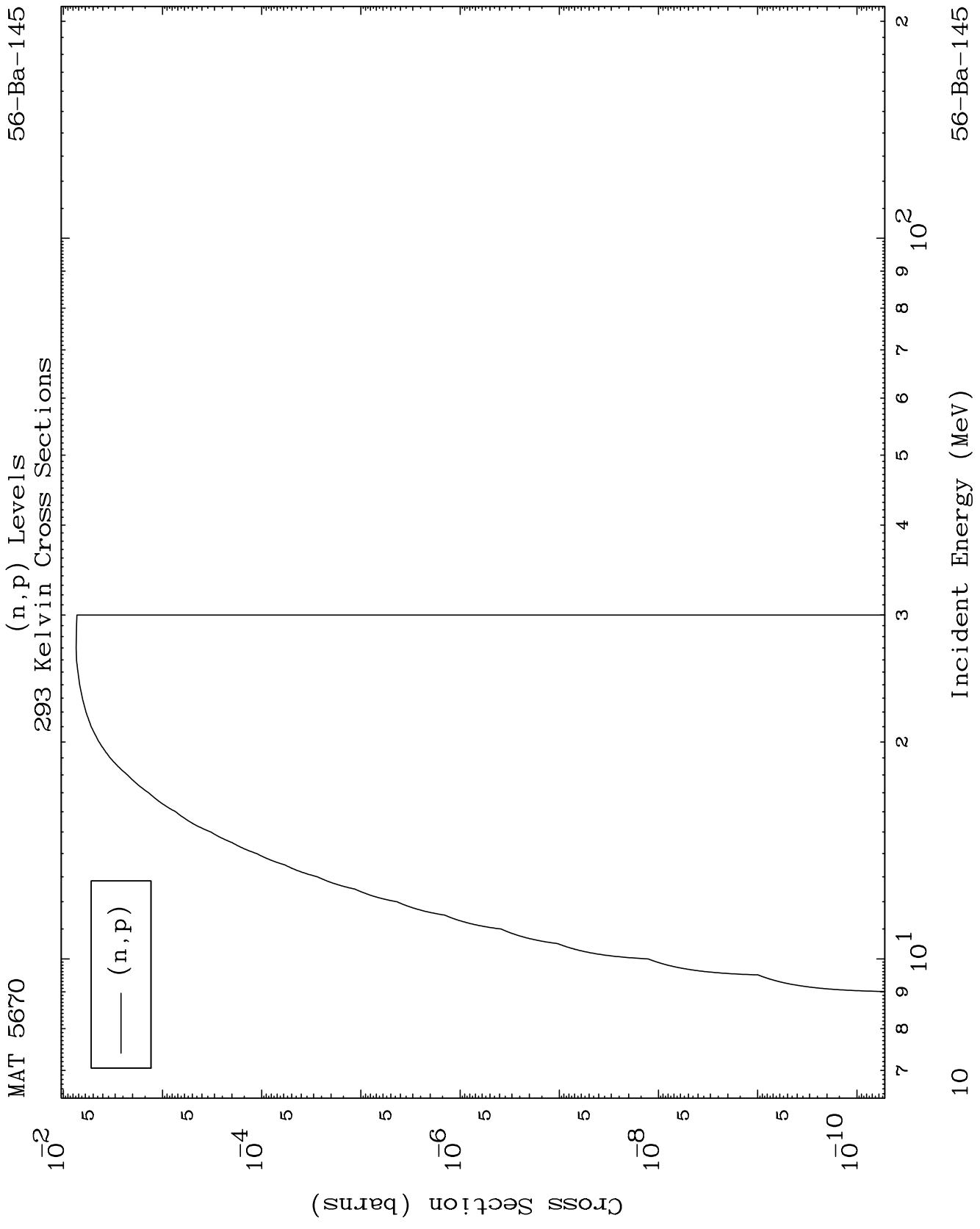
56-Ba-145



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Incident Energy (MeV)

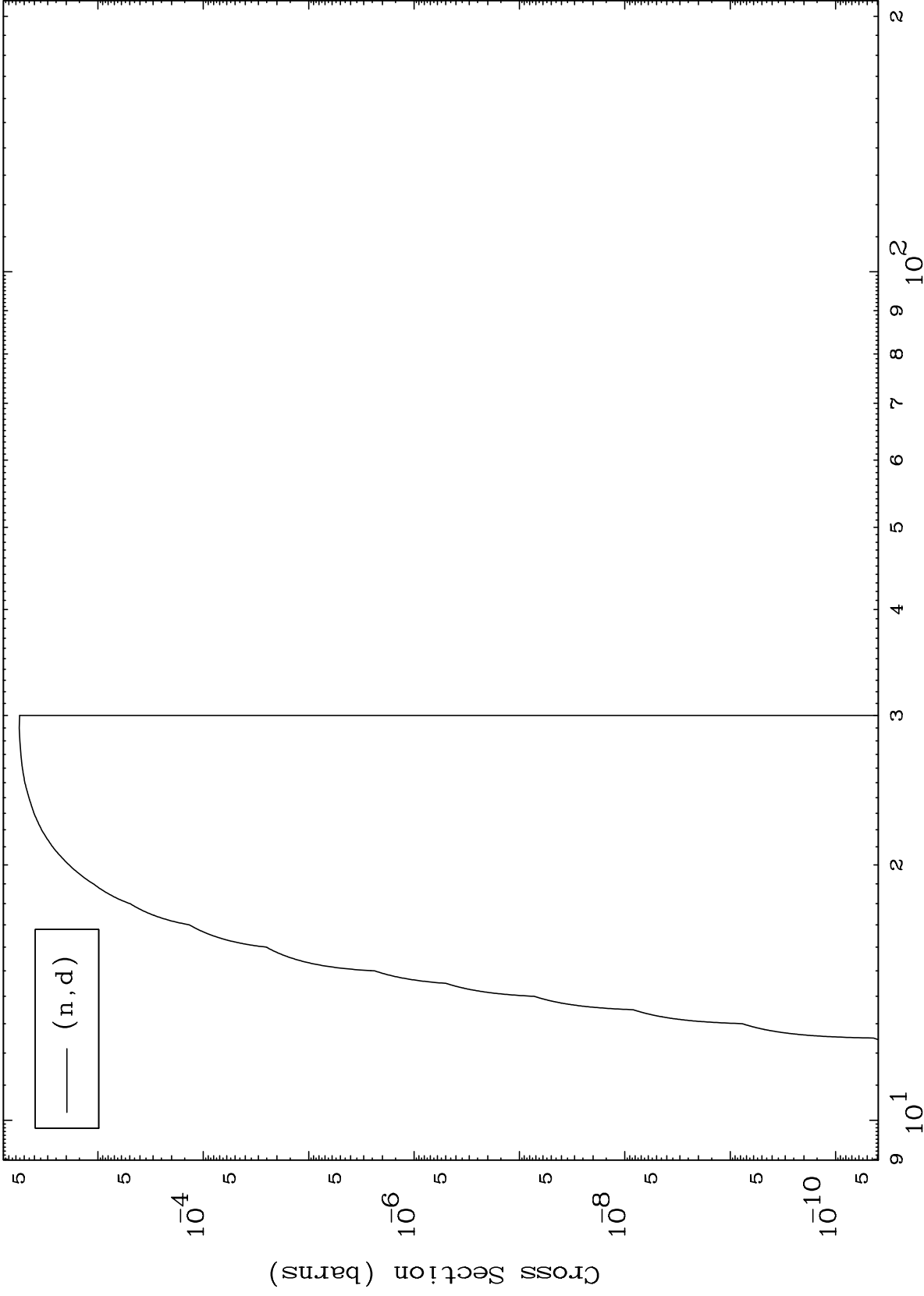
56-Ba-145



MAT 5670

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-145



11

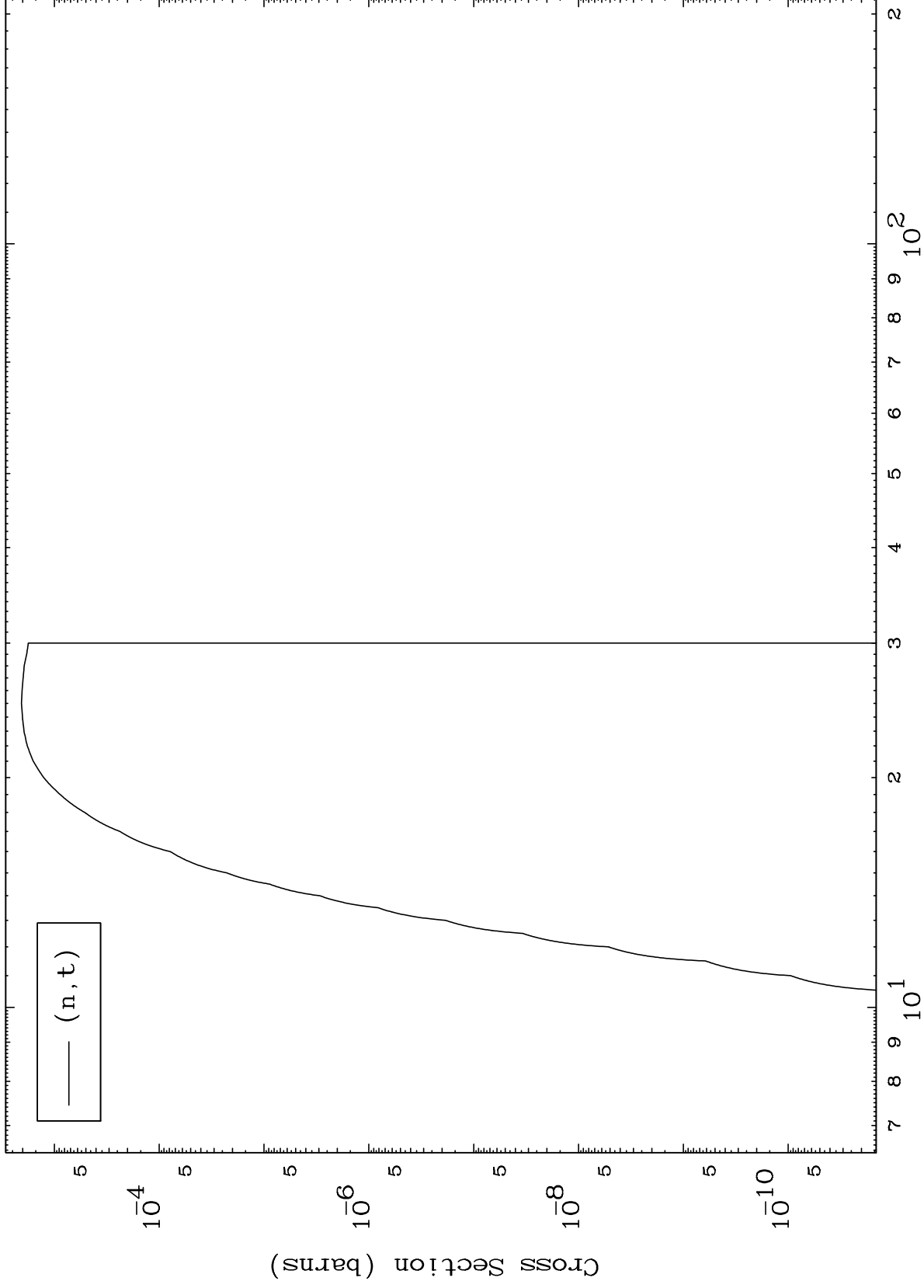
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-145



12

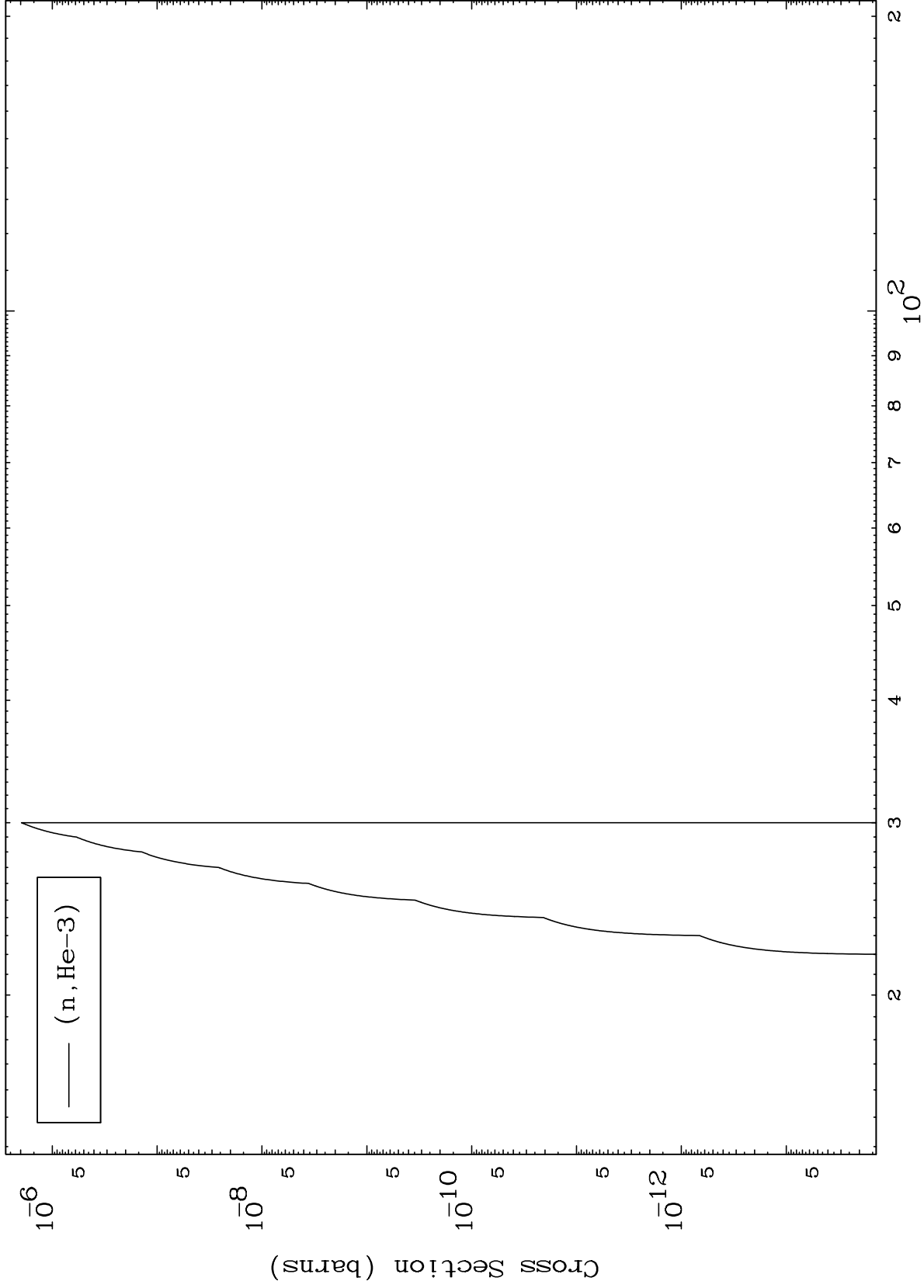
Incident Energy (MeV)

56-Ba-145

MAT 5670

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-145



13

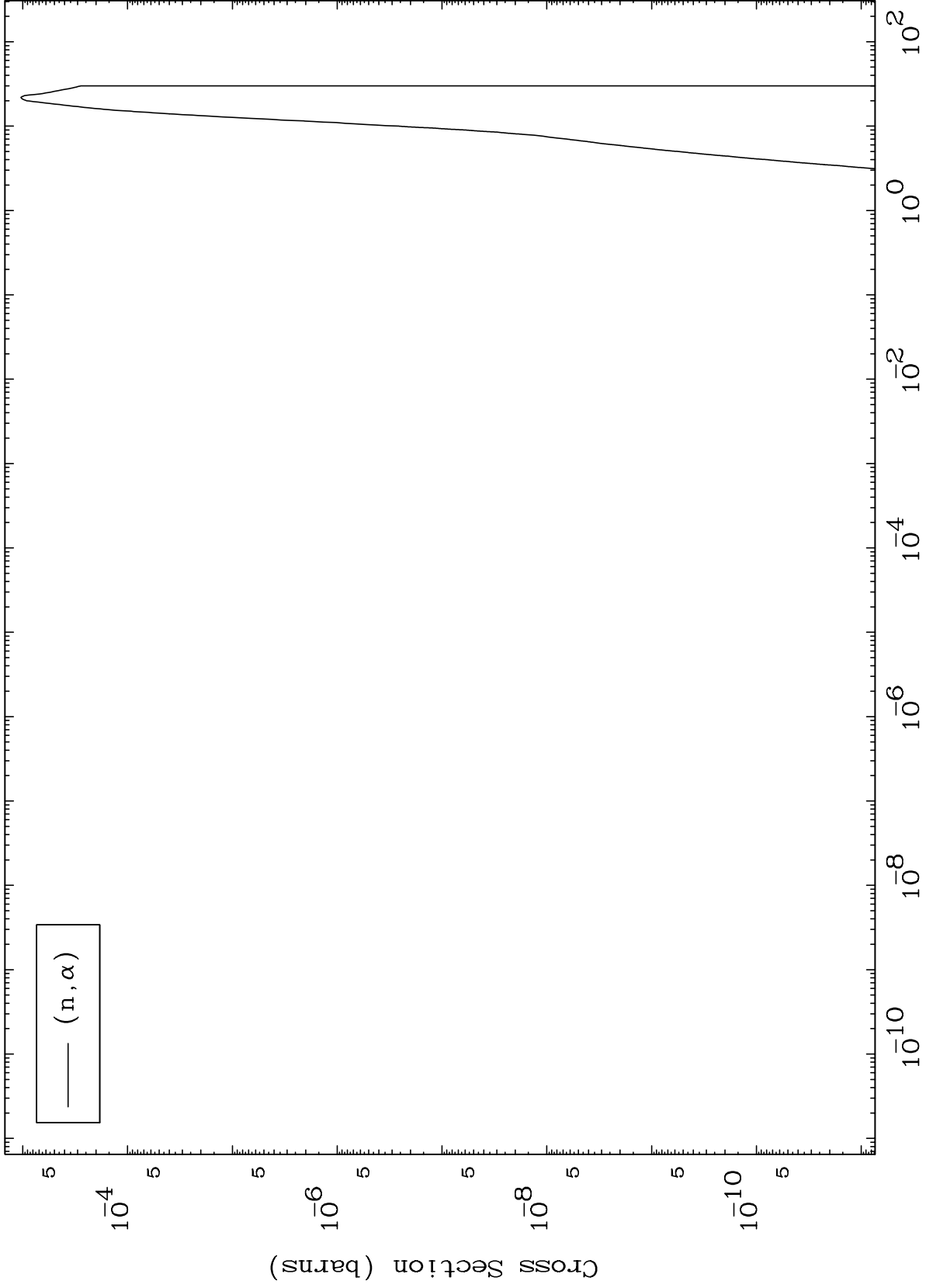
Incident Energy (MeV)

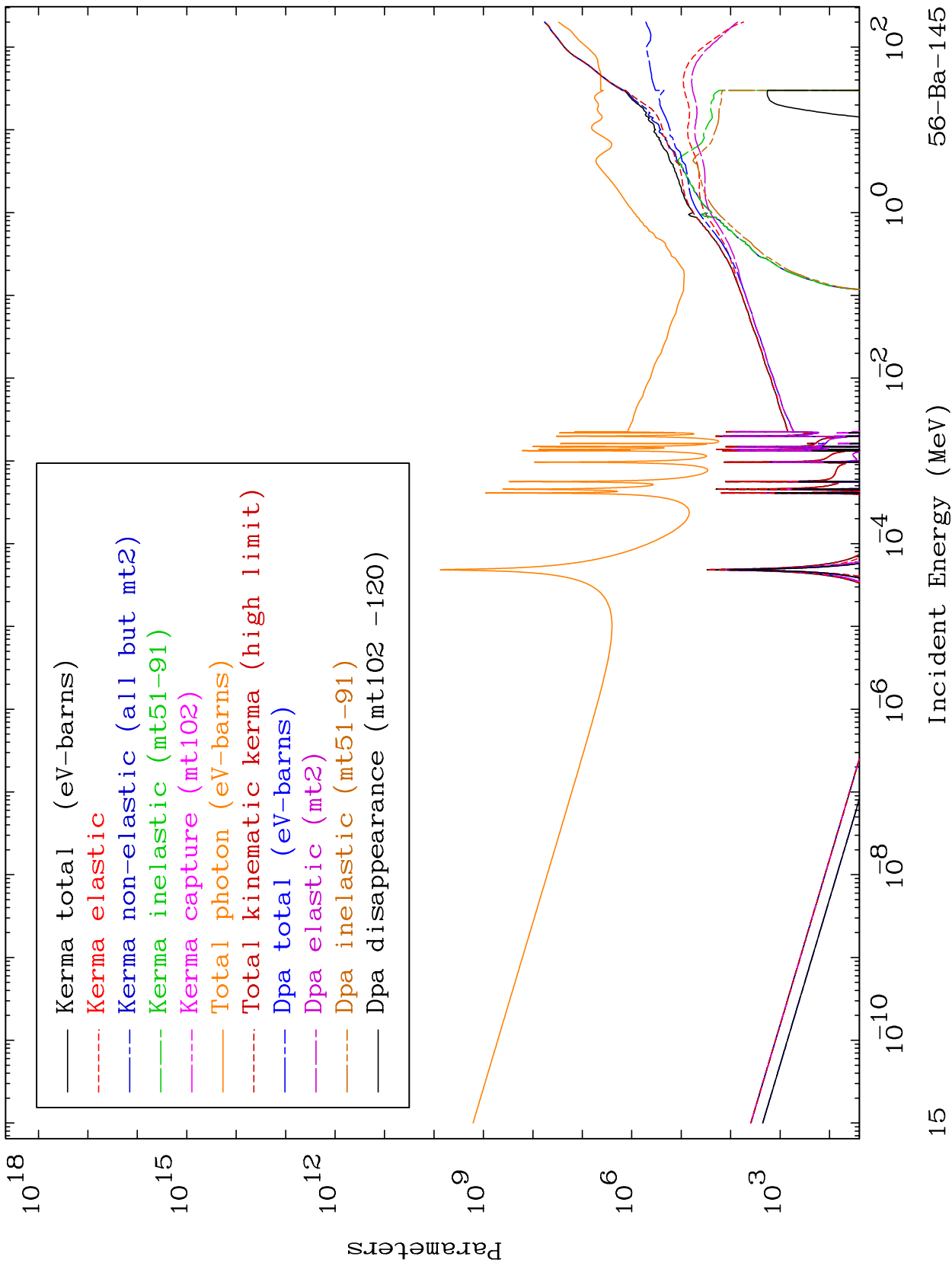
56-Ba-145

MAT 5670

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

56-Ba-145



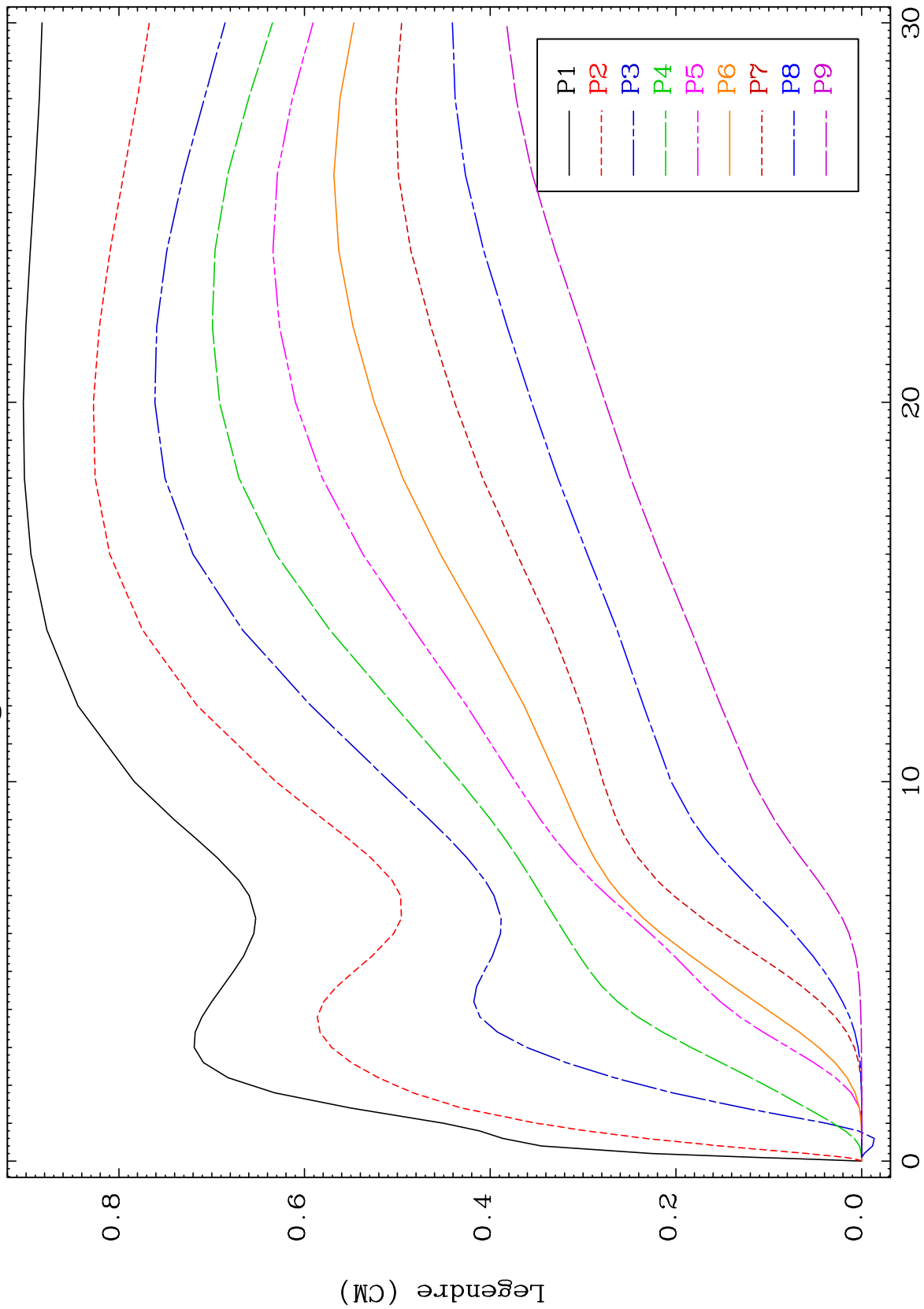




MAT 5670

Elastic Legendre Coefficients

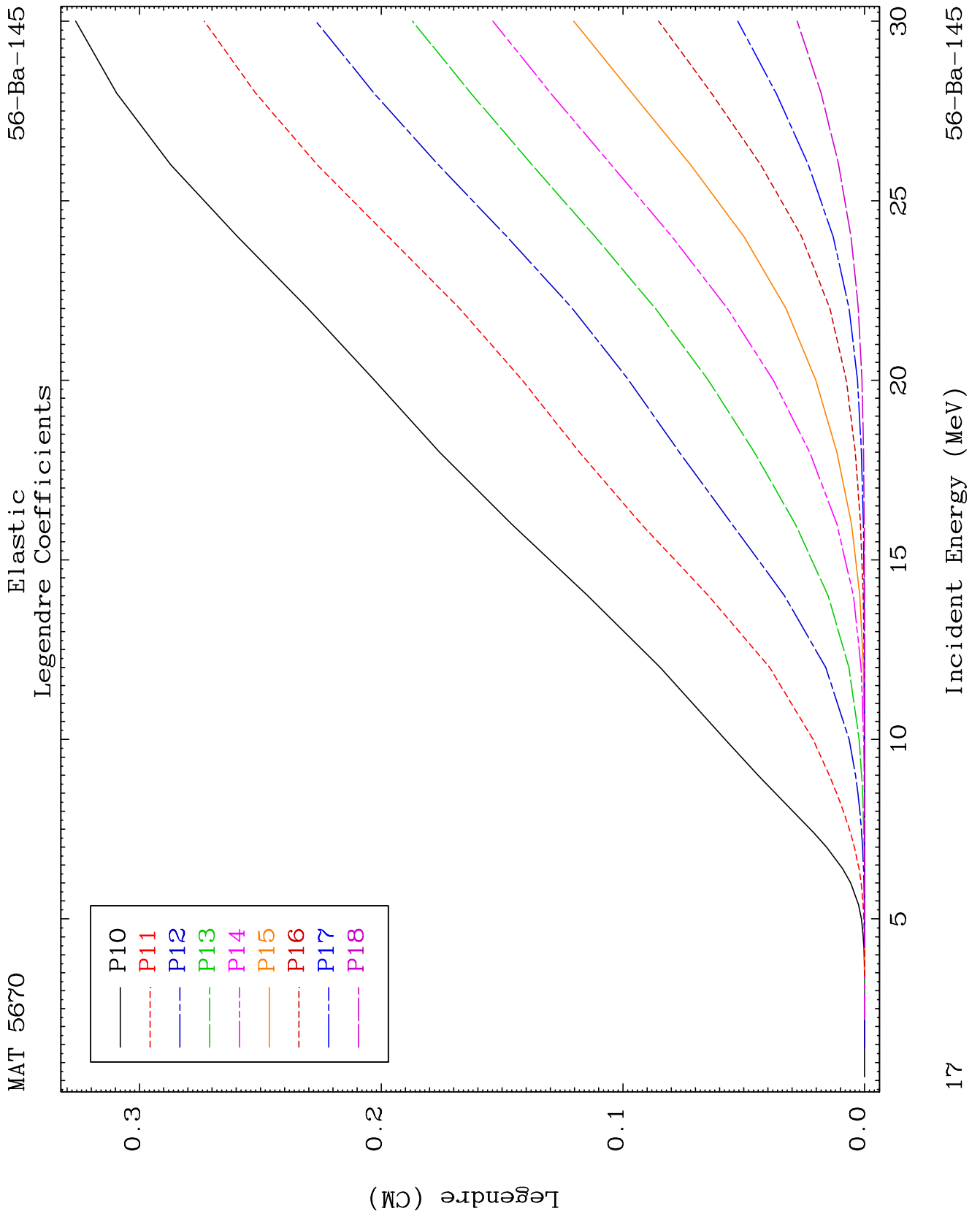
56-Ba-145



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Incident Energy (MeV)

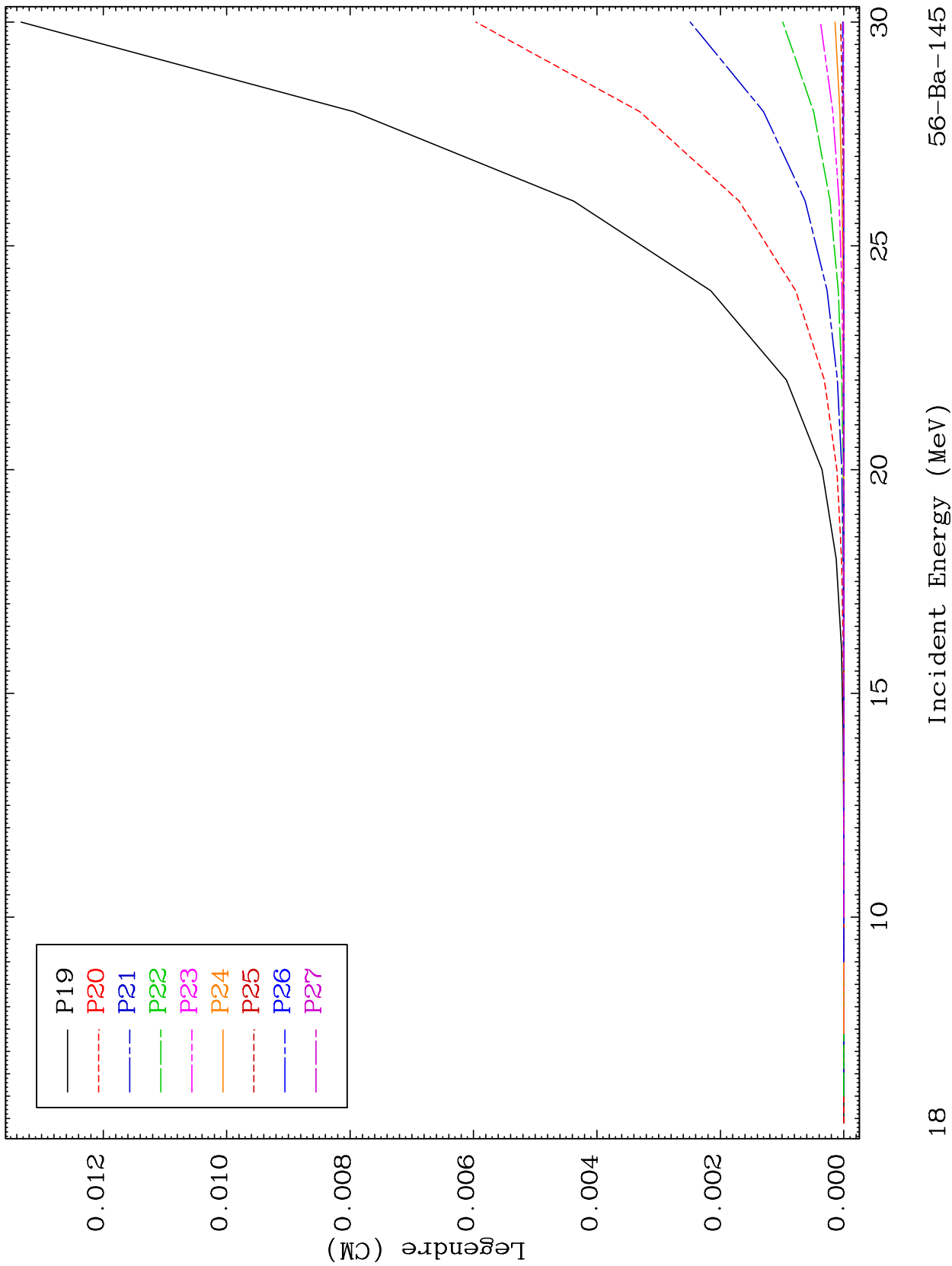
56-Ba-145



MAT 5670

### Elastic Legendre Coefficients

56-Ba-145



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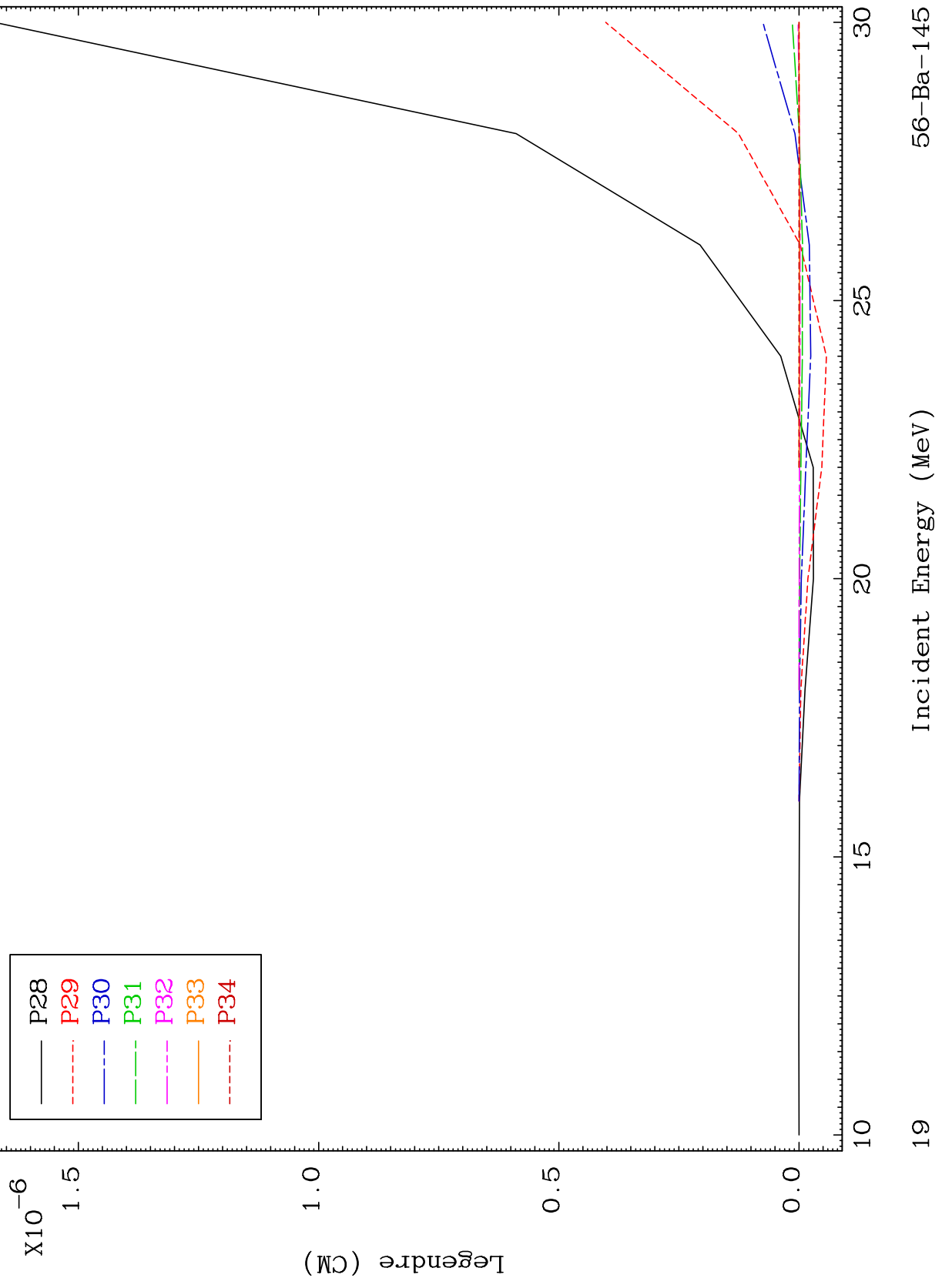
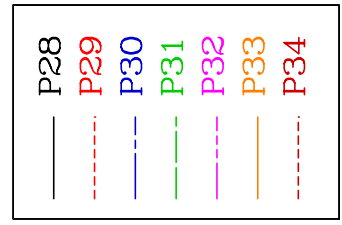
Incident Energy (MeV)

56-Ba-145

MAT 5670

Elastic Legendre Coefficients

56-Ba-145



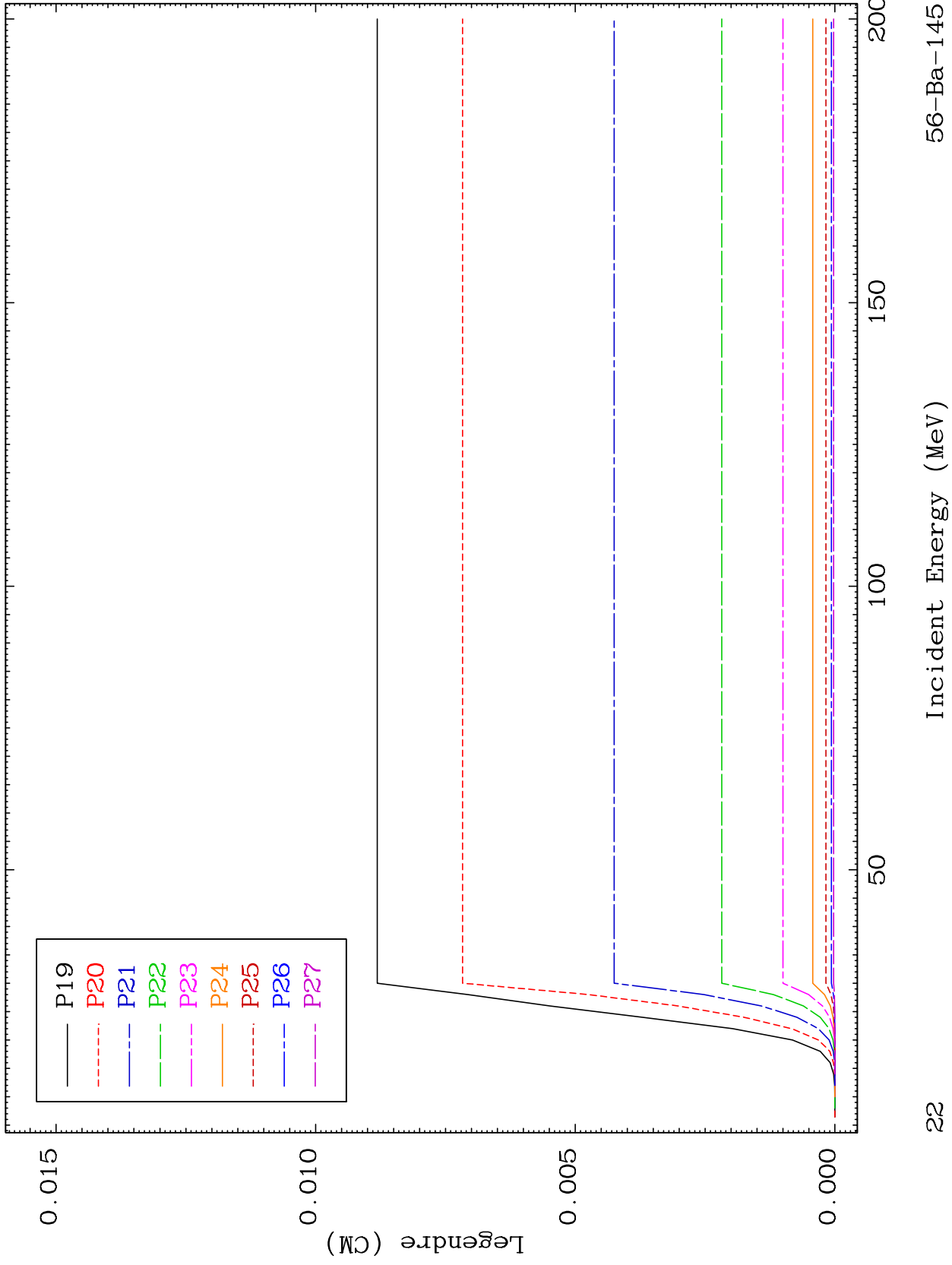


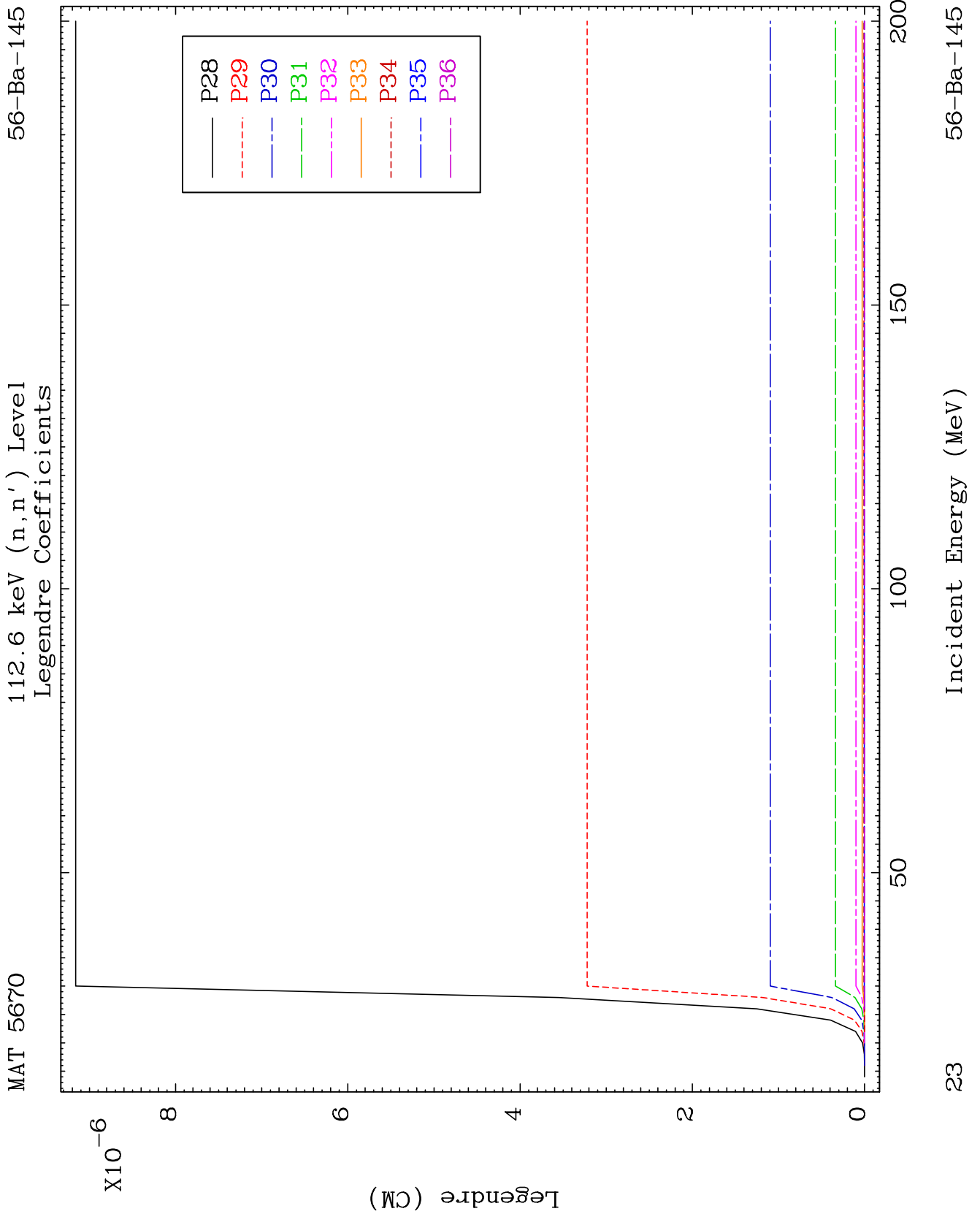


MAT 5670

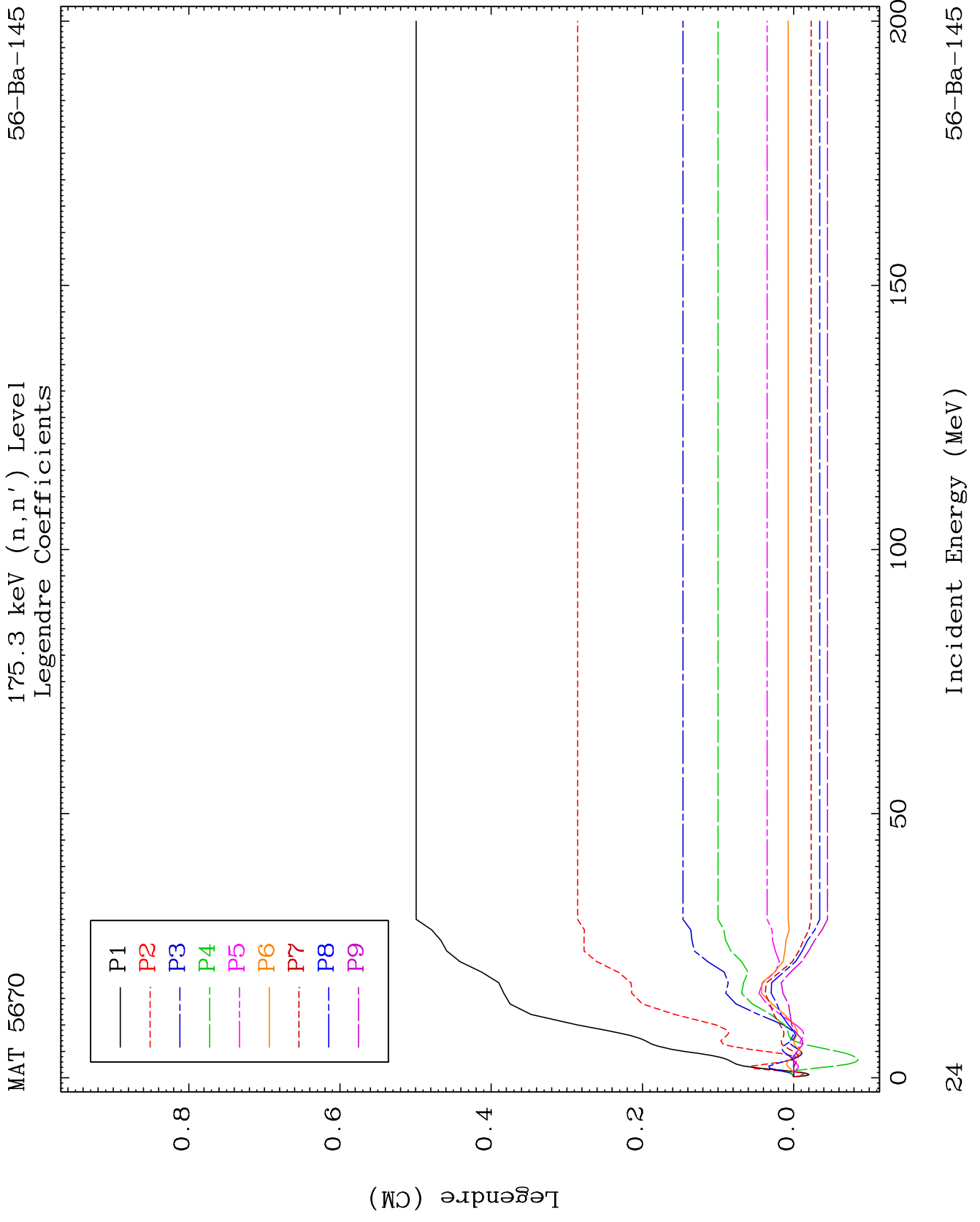
112.6 keV (n,n') Level  
Legendre Coefficients

56-Ba-145







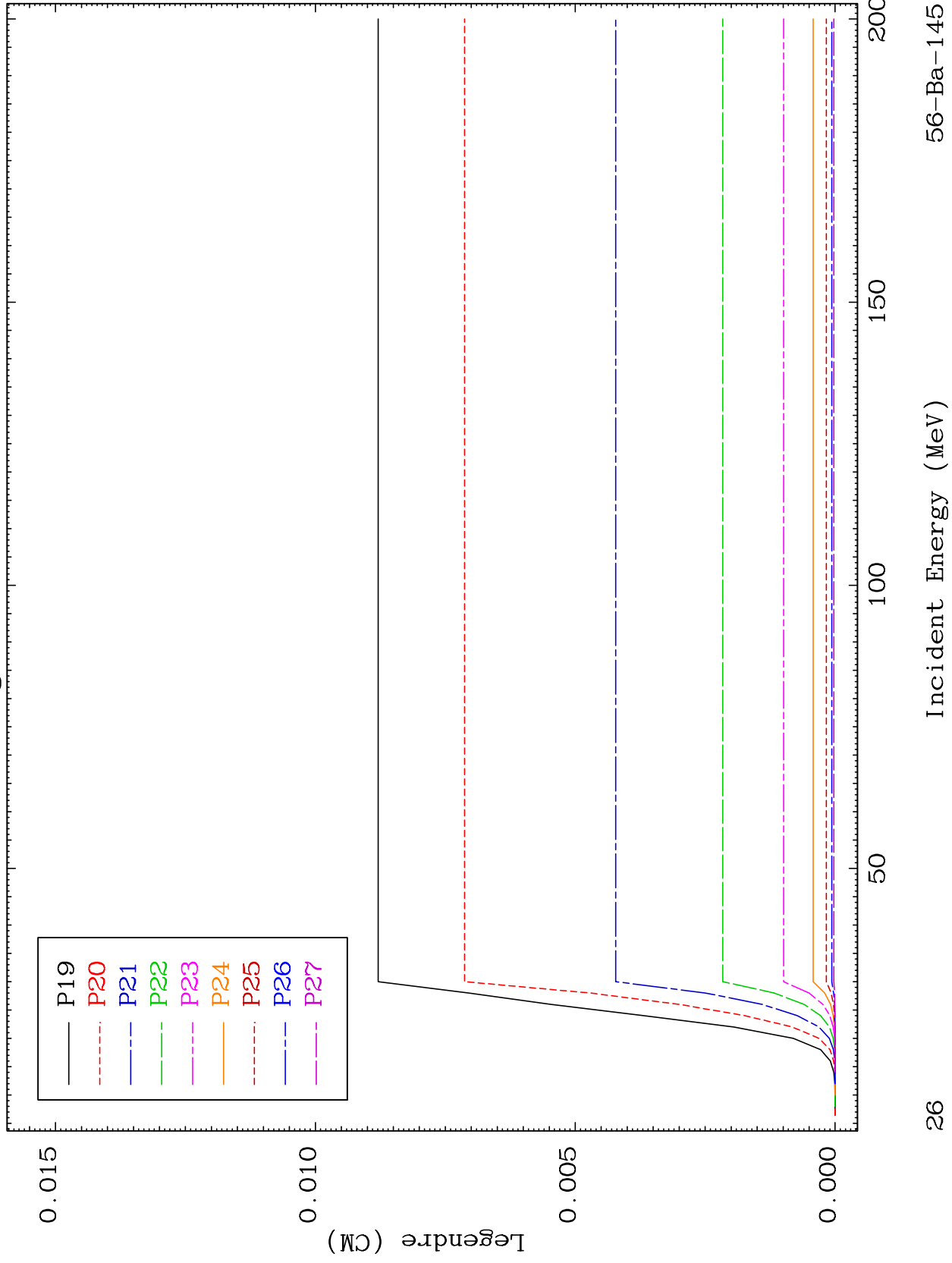




MAT 5670

175.3 keV (n,n') Level  
Legendre Coefficients

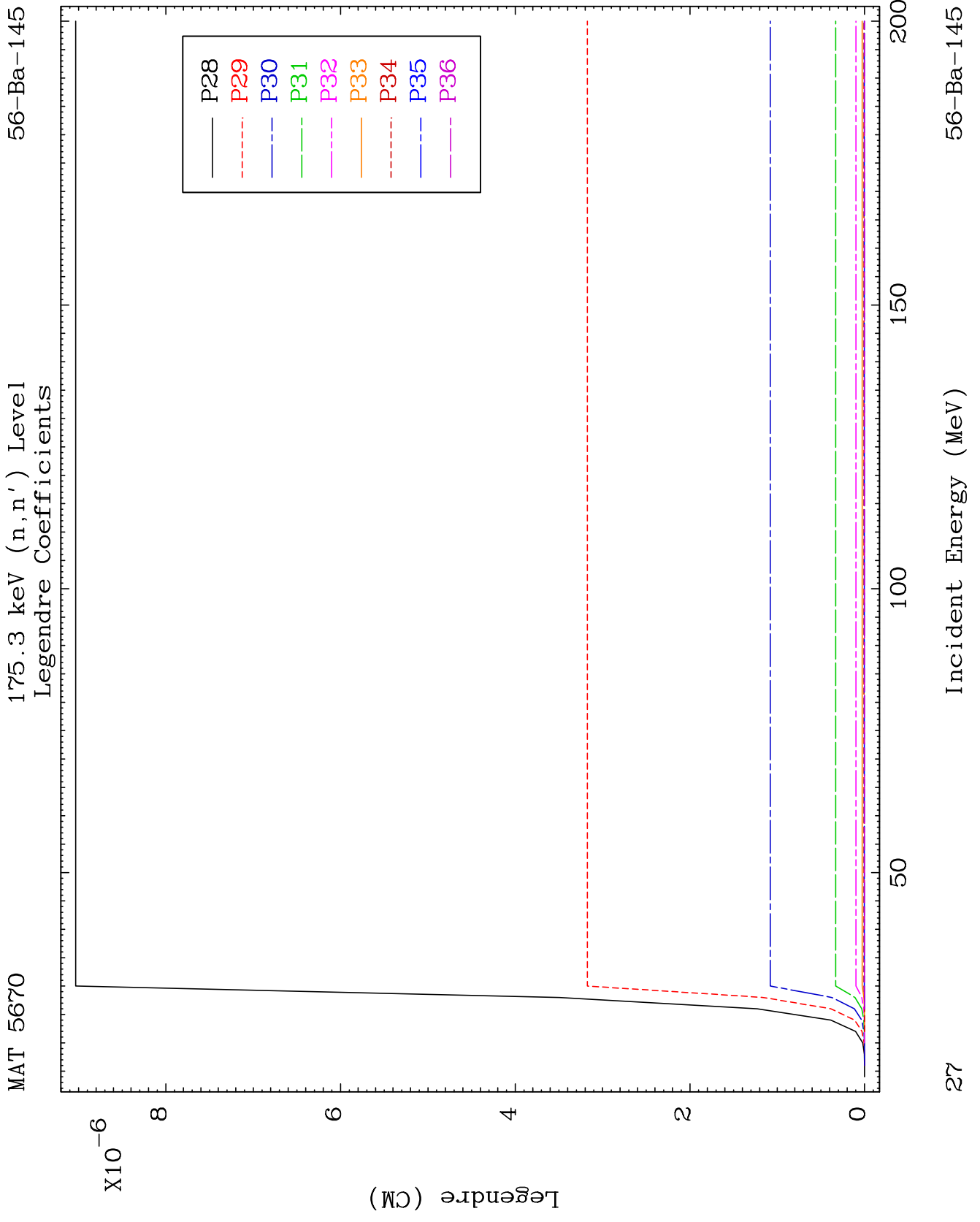
56-Ba-145



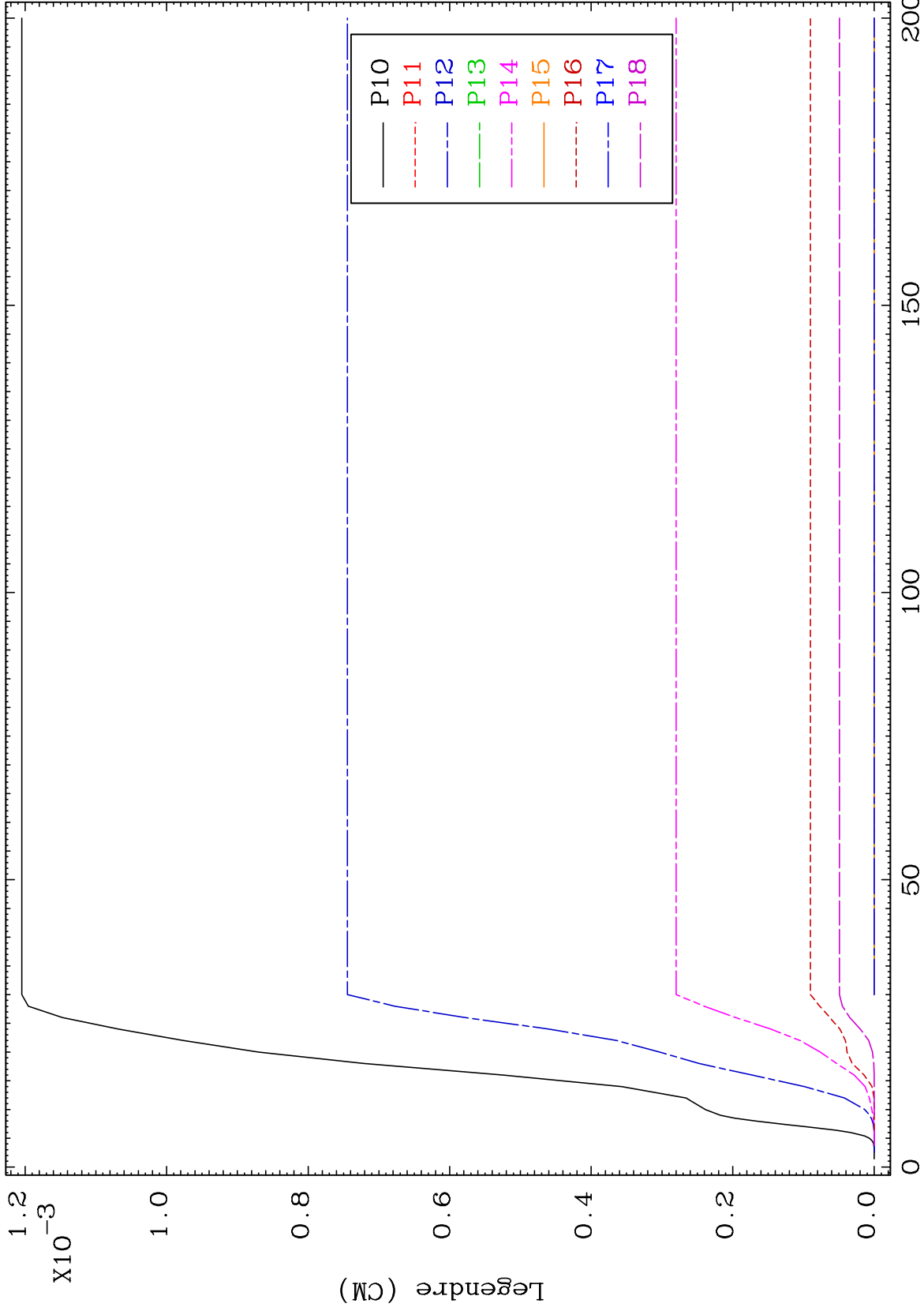
26

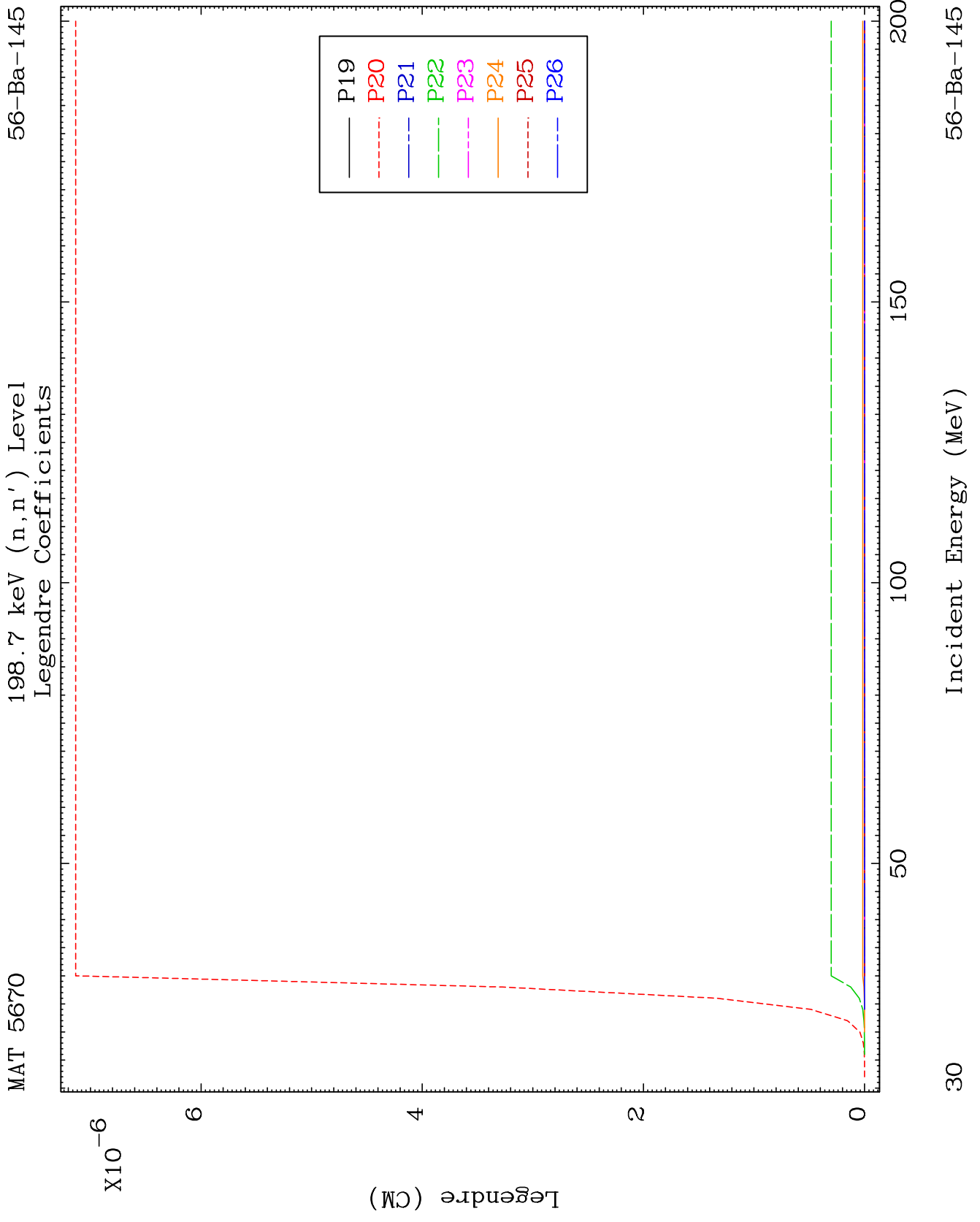
Incident Energy (MeV)

56-Ba-145





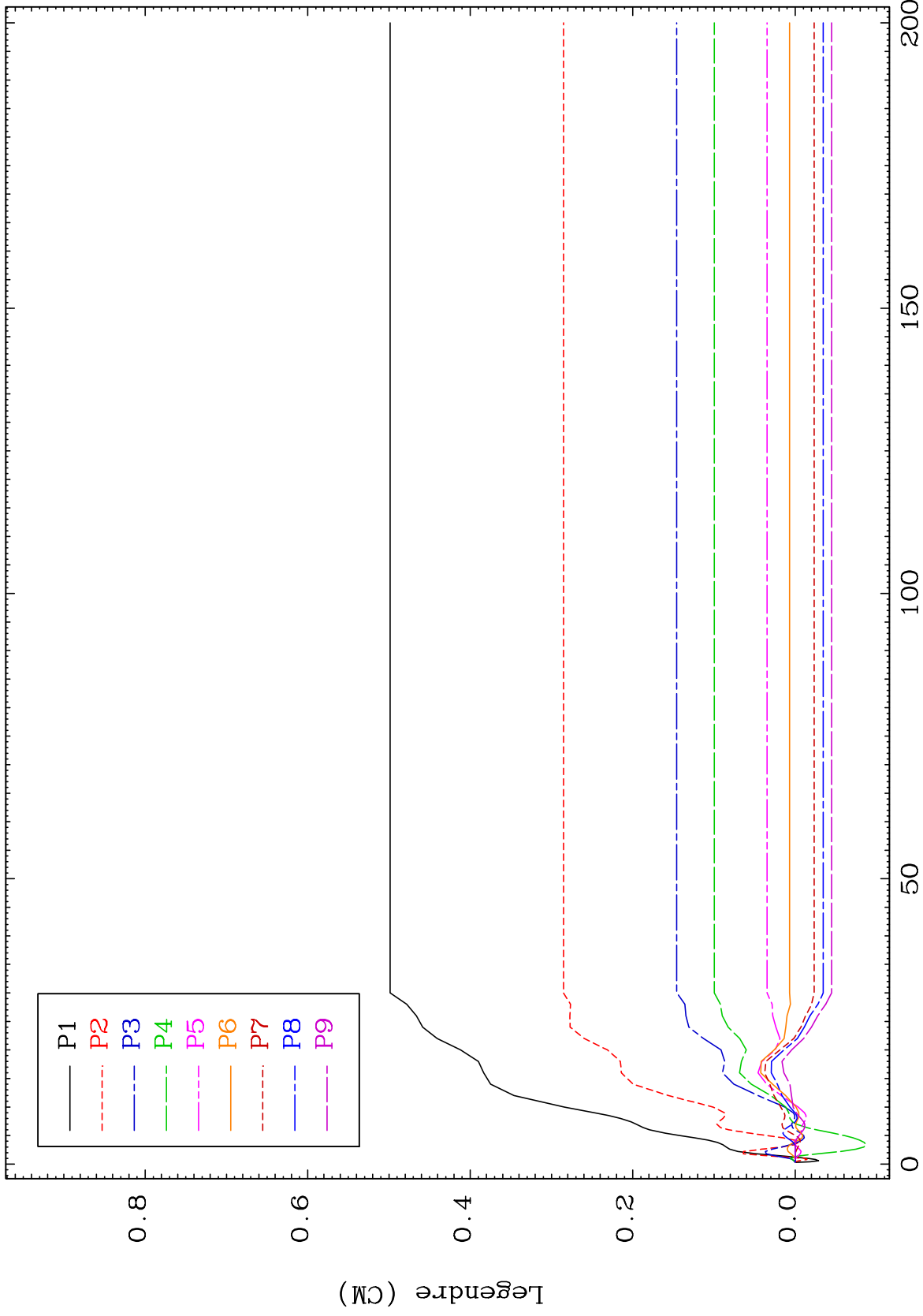




MAT 5670

277.3 keV (n,n') Level  
Legendre Coefficients

56-Ba-145



56-Ba-145

Incident Energy (MeV)

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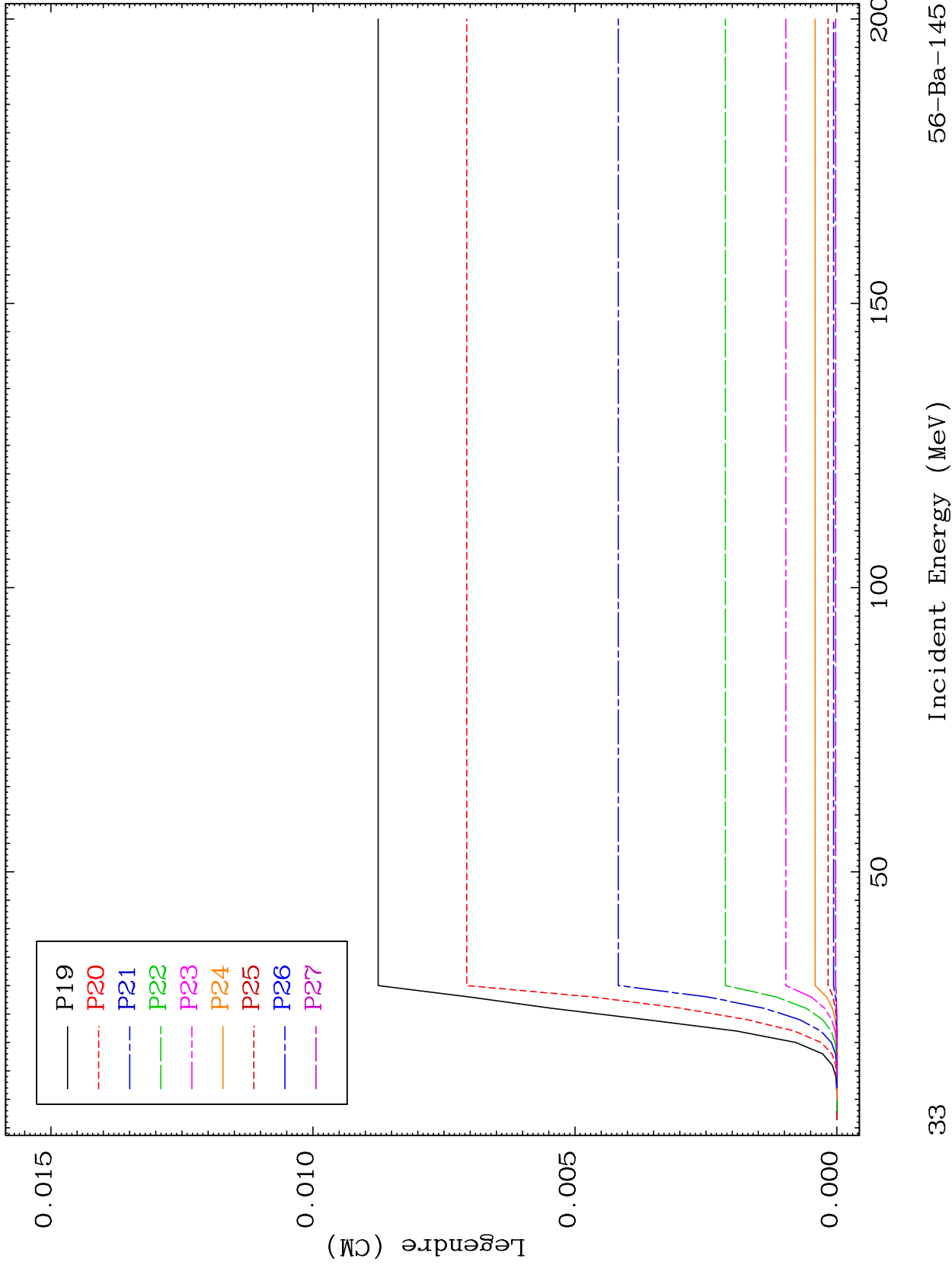




MAT 5670

277.3 keV (n,n') Level  
Legendre Coefficients

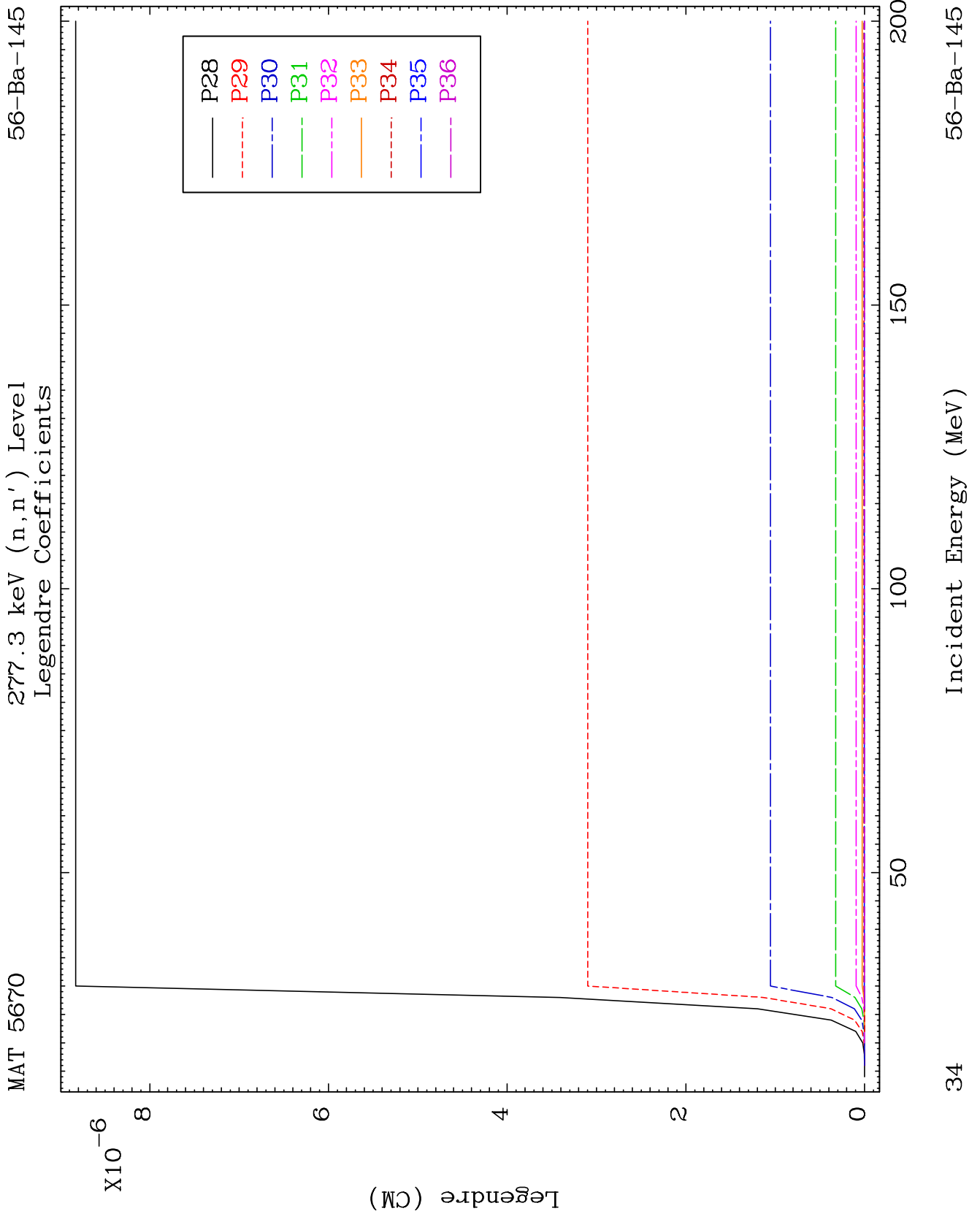
56-Ba-145



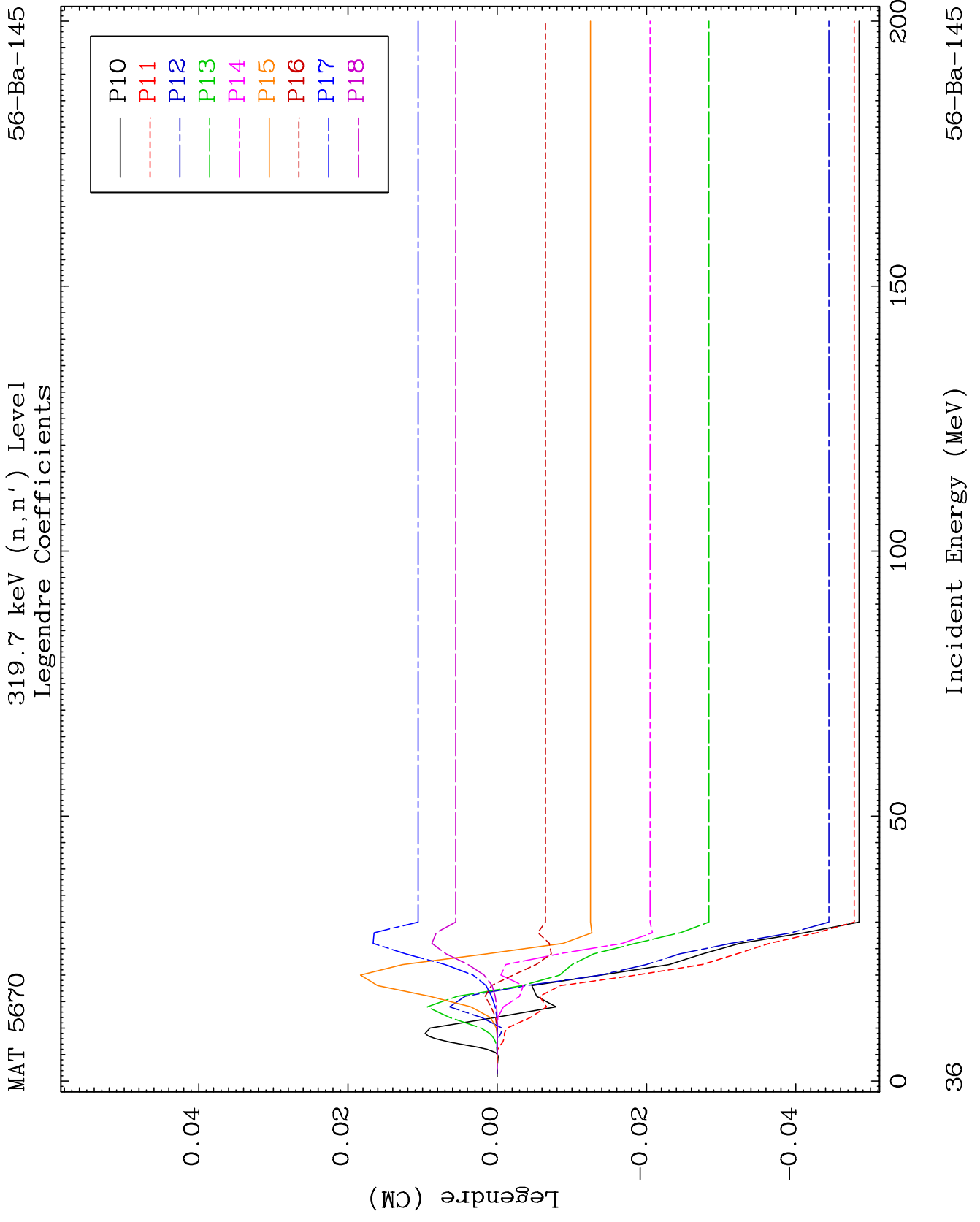
33

Incident Energy (MeV)

56-Ba-145



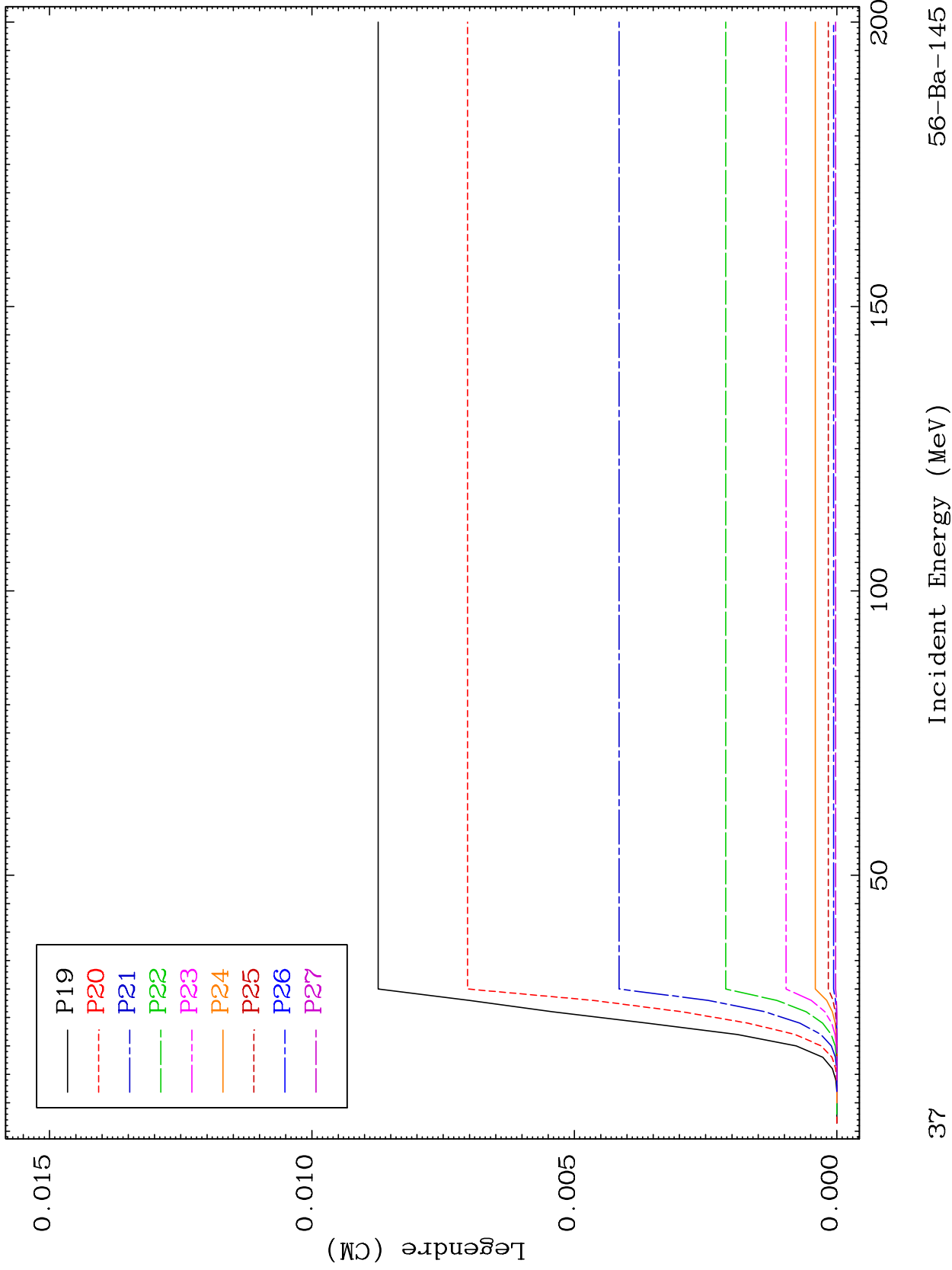




MAT 5670

319.7 keV (n,n') Level  
Legendre Coefficients

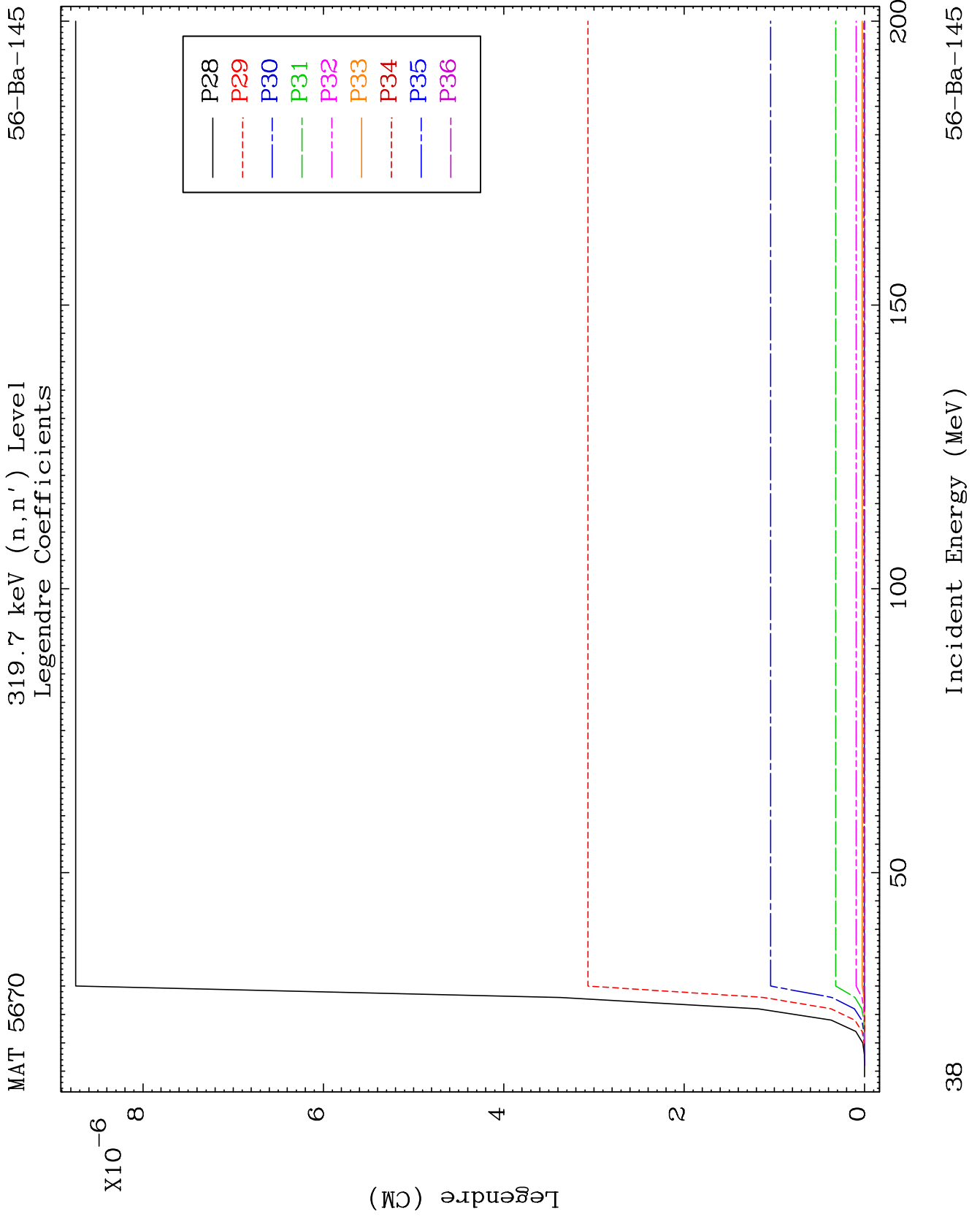
56-Ba-145

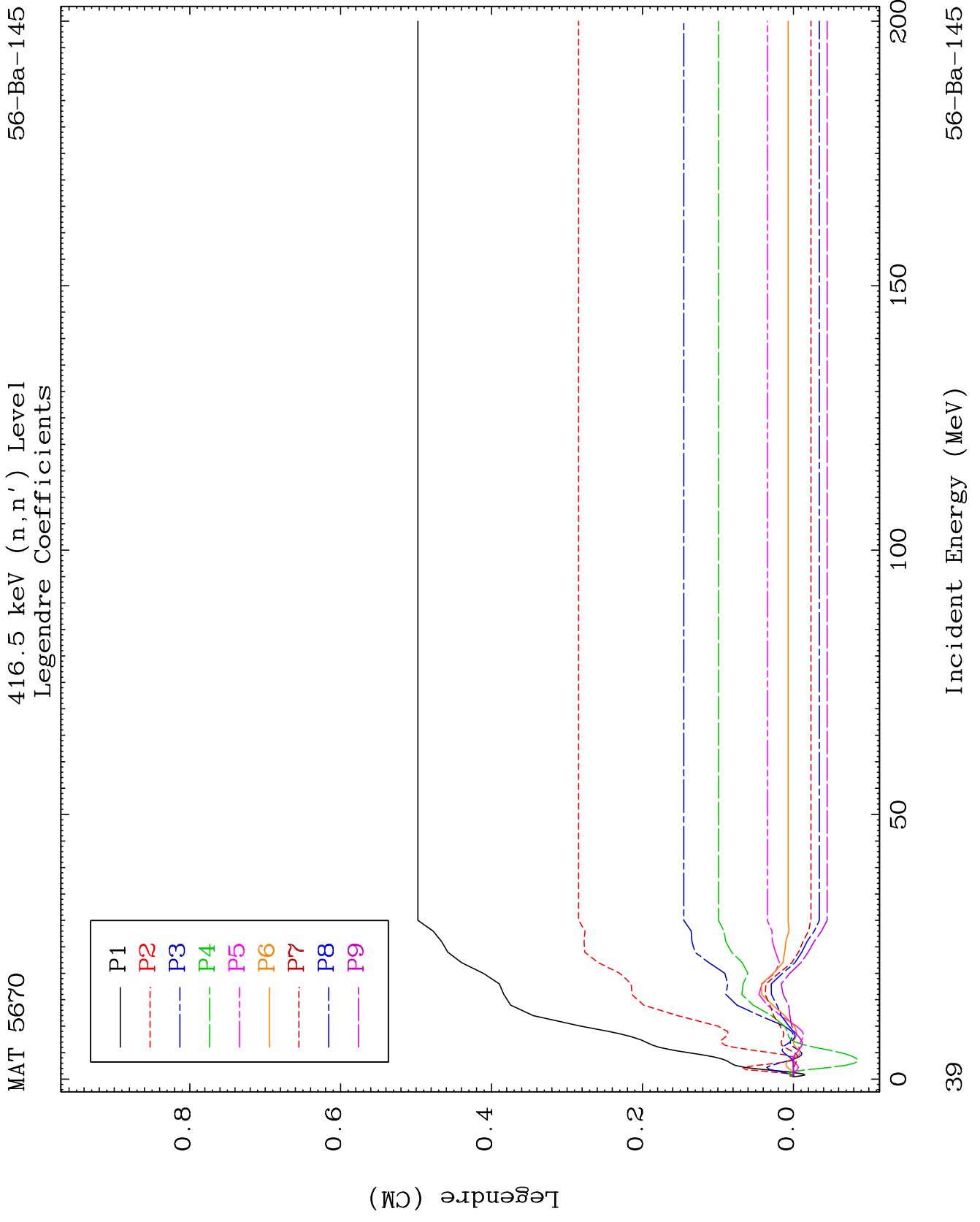


37

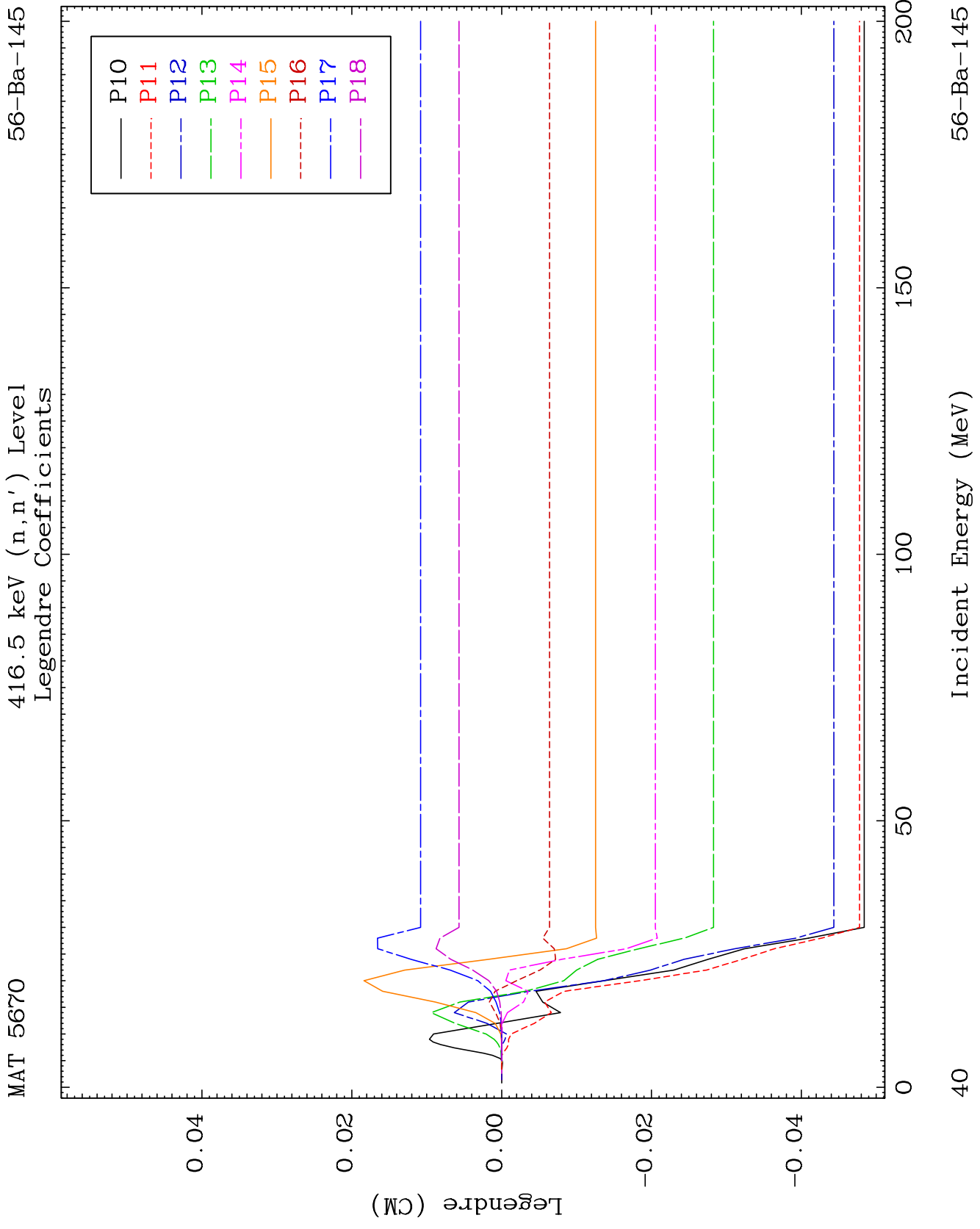
Incident Energy (MeV)

56-Ba-145





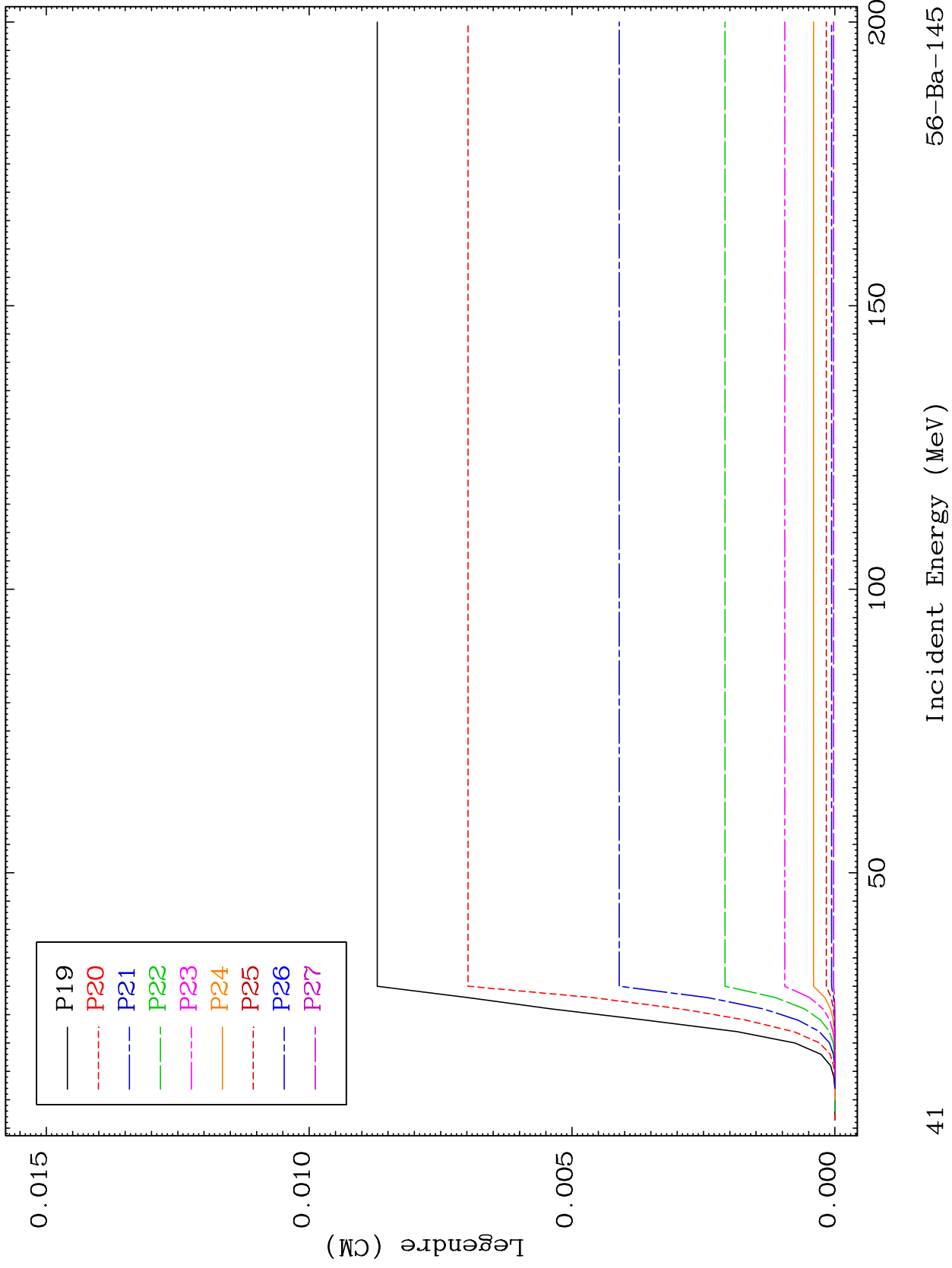




MAT 5670

416.5 keV (n,n') Level  
Legendre Coefficients

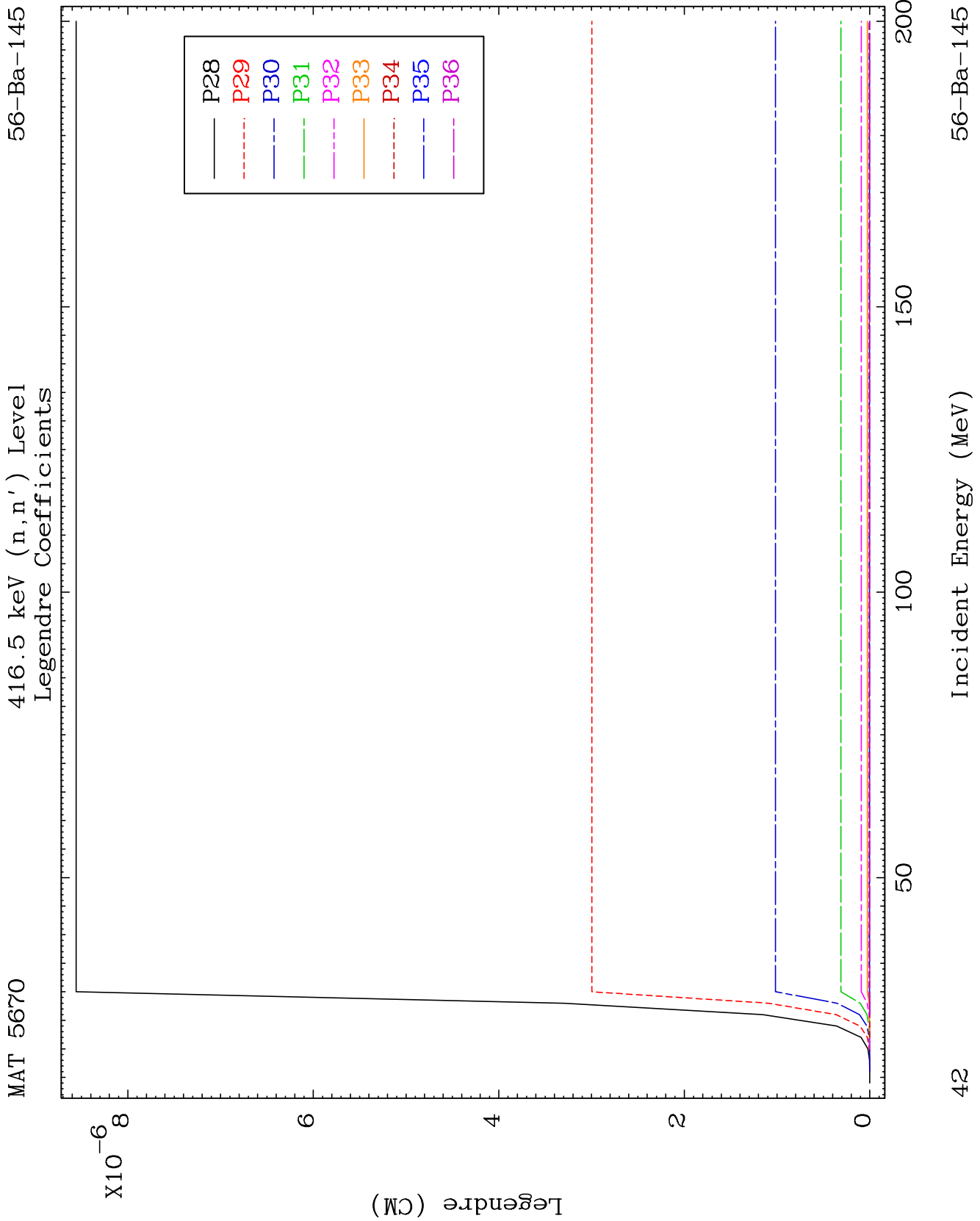
56-Ba-145

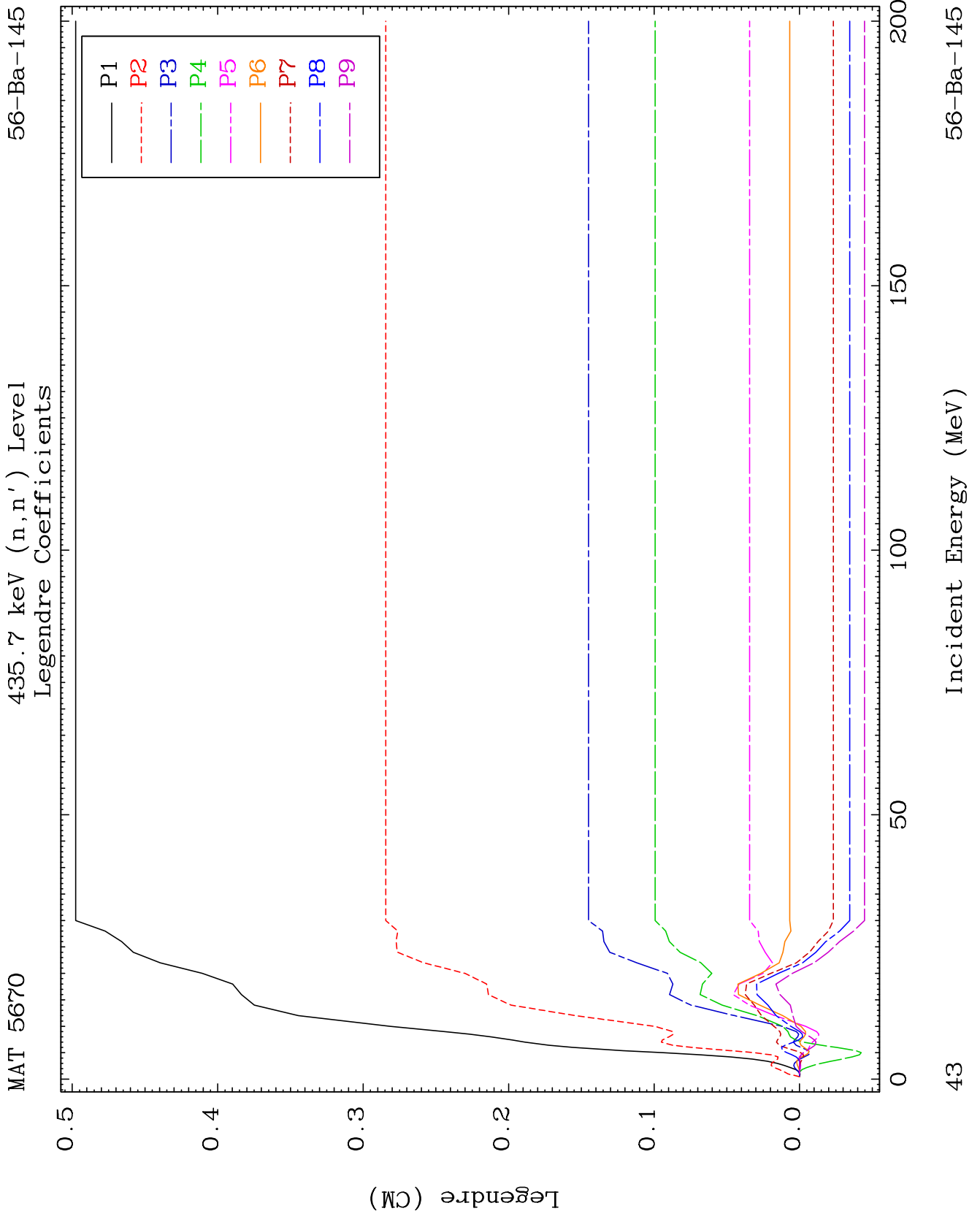


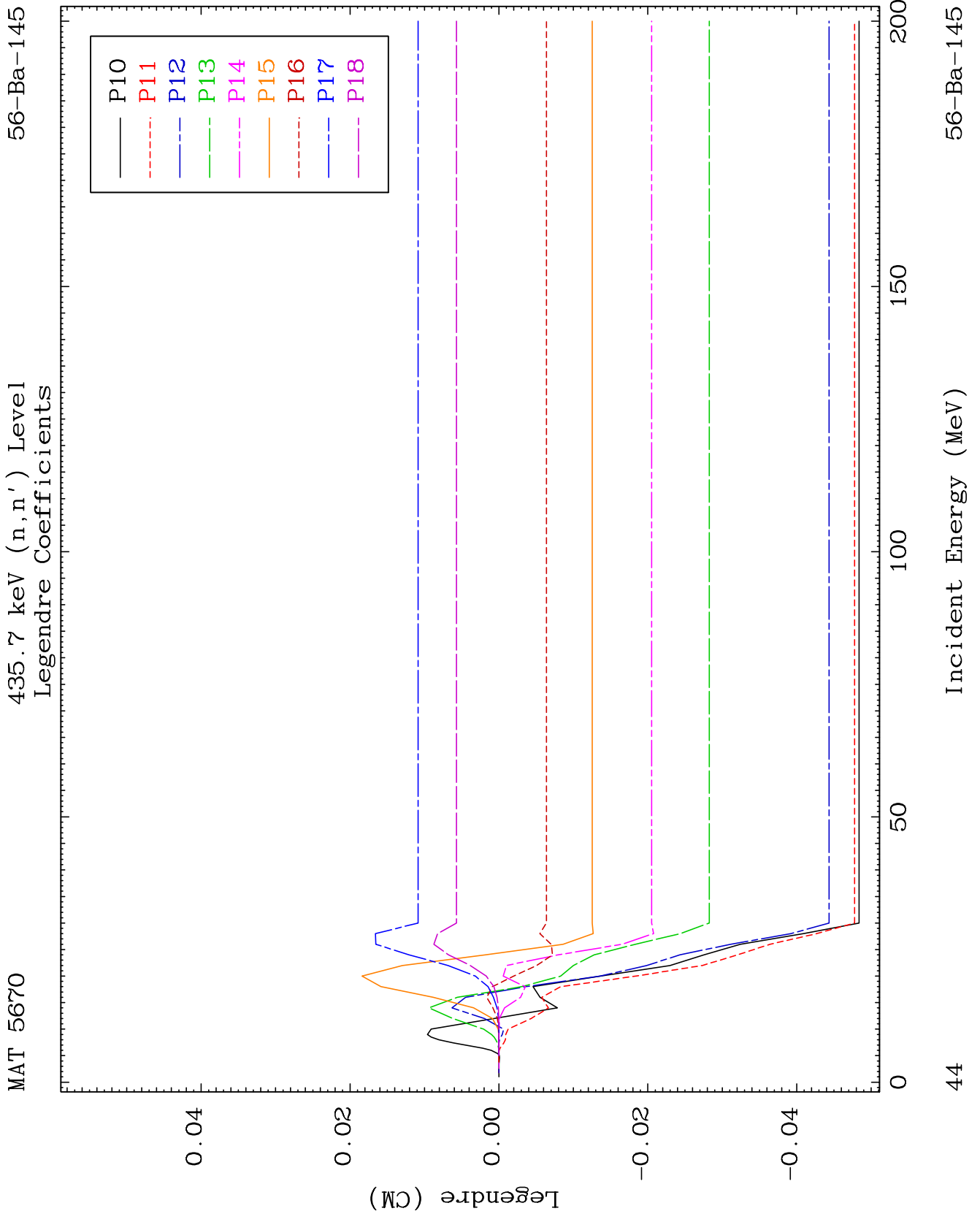
41

Incident Energy (MeV)

56-Ba-145



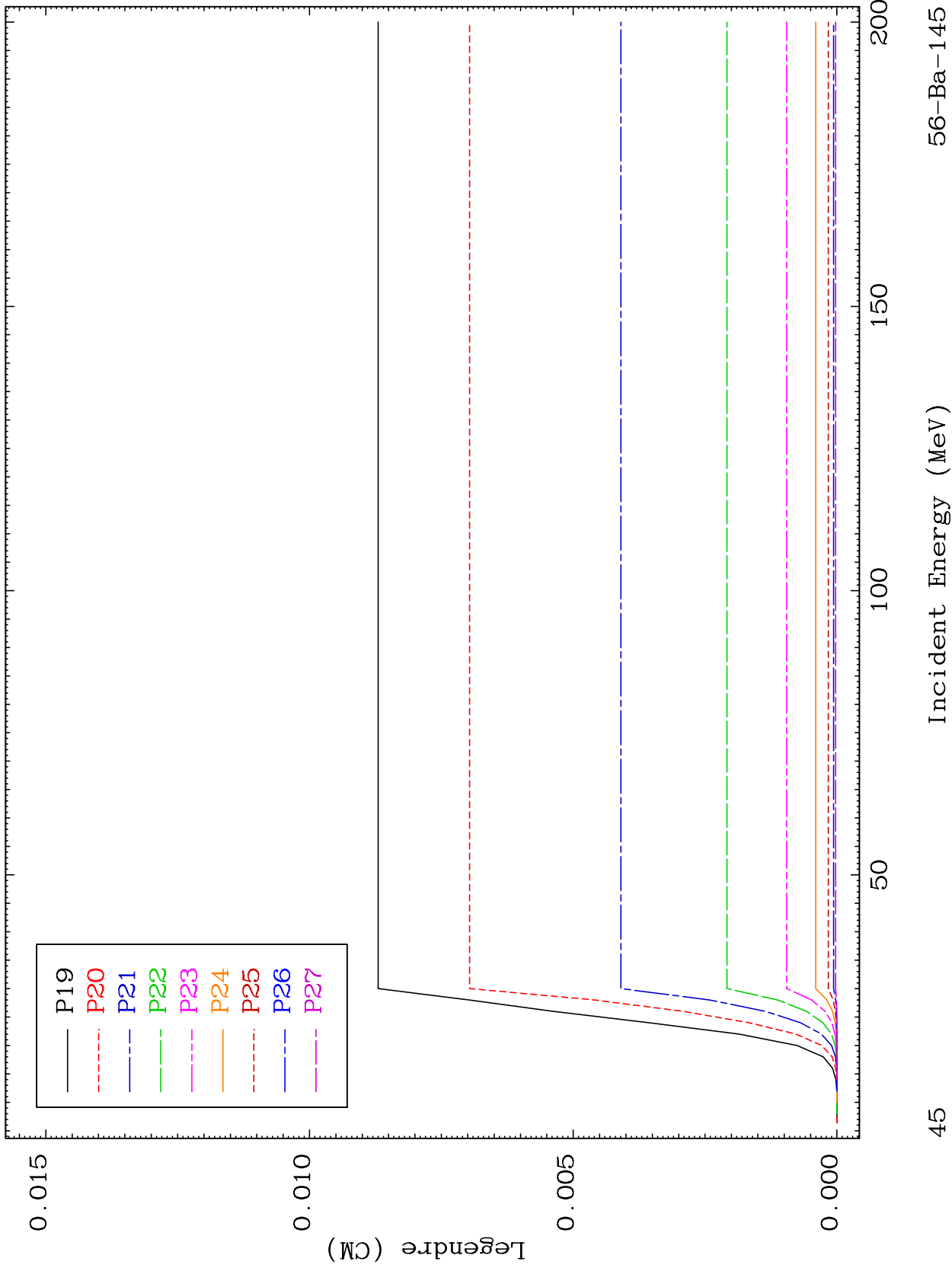




MAT 5670

435.7 keV (n,n') Level  
Legendre Coefficients

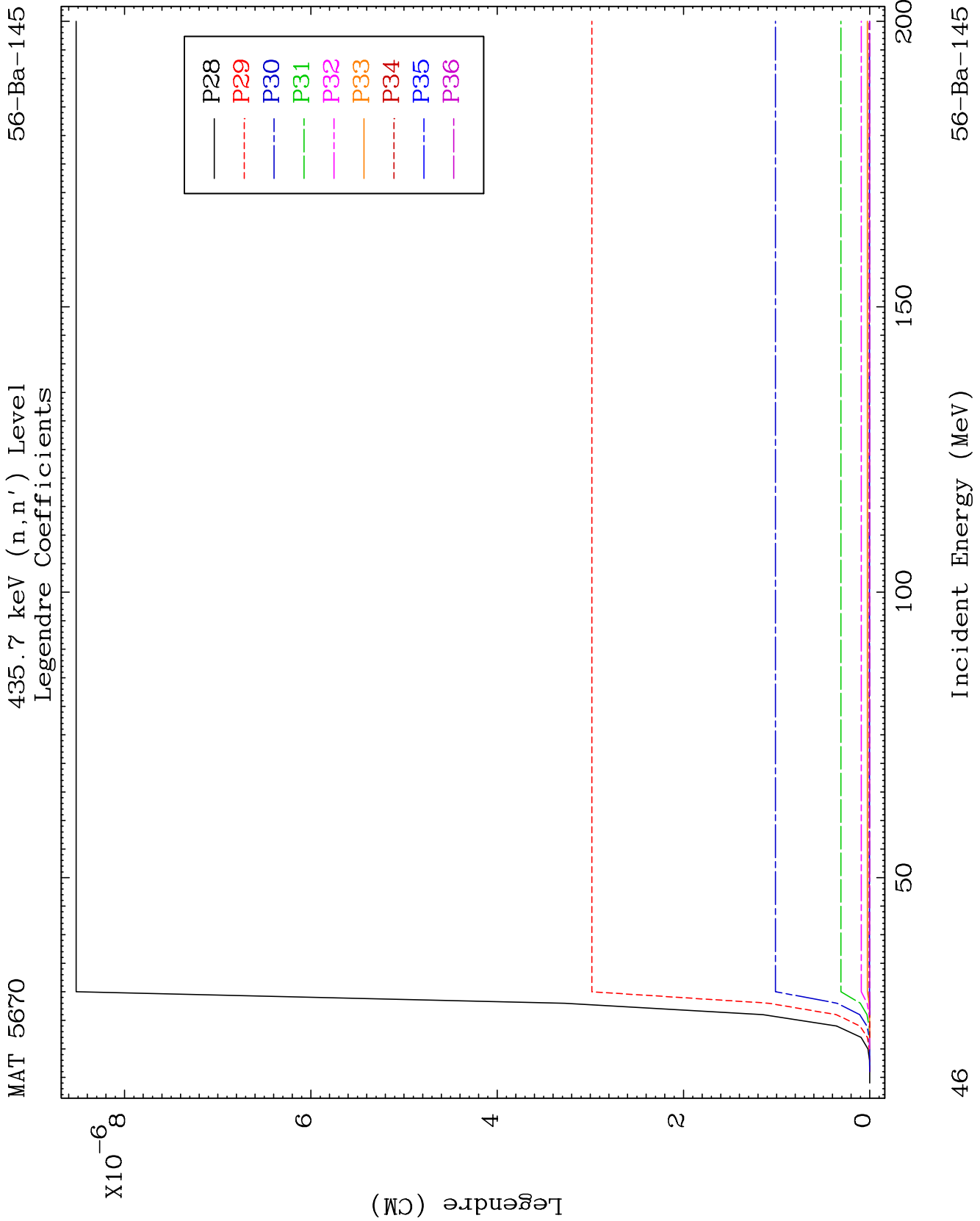
56-Ba-145

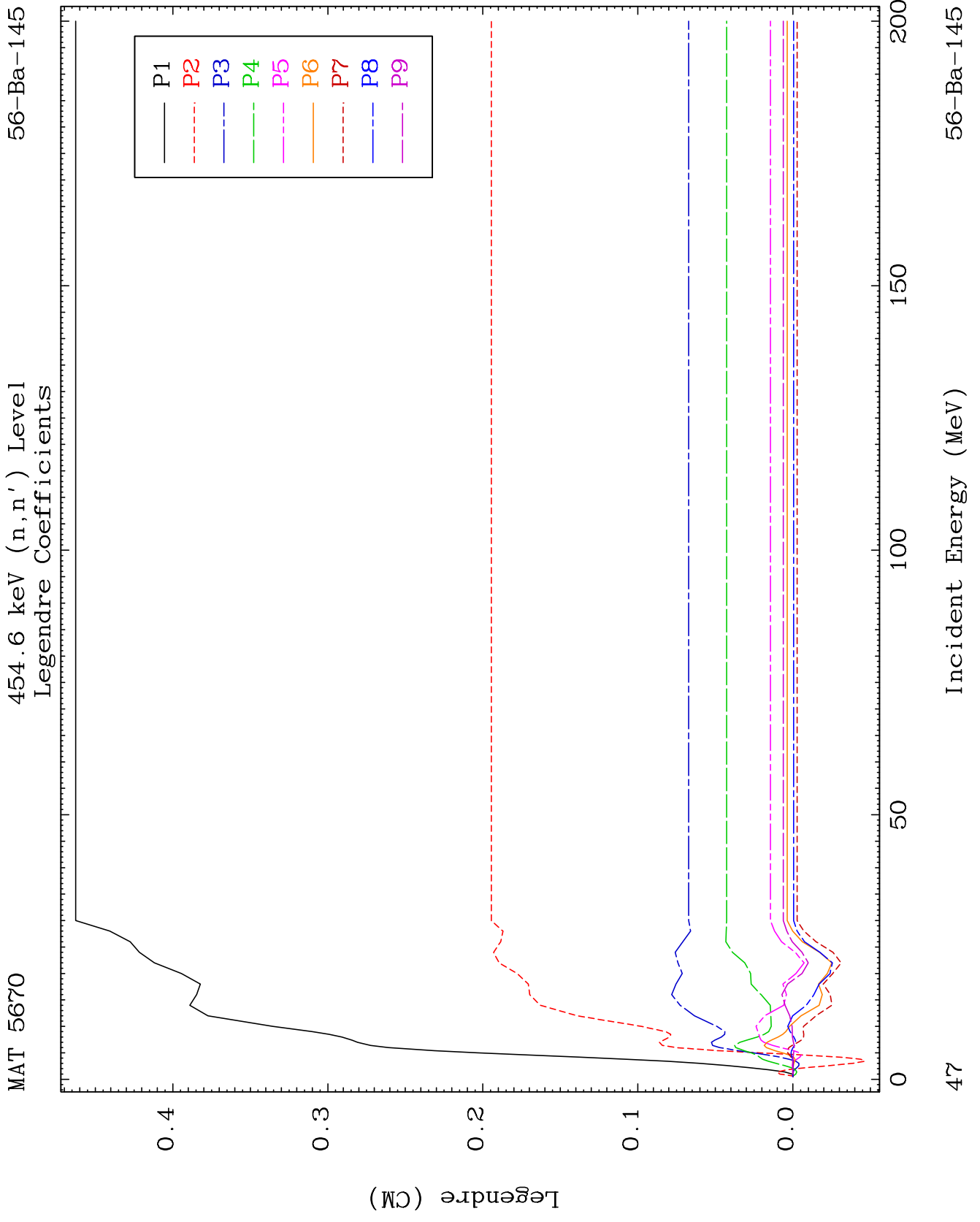


45

Incident Energy (MeV)

56-Ba-145





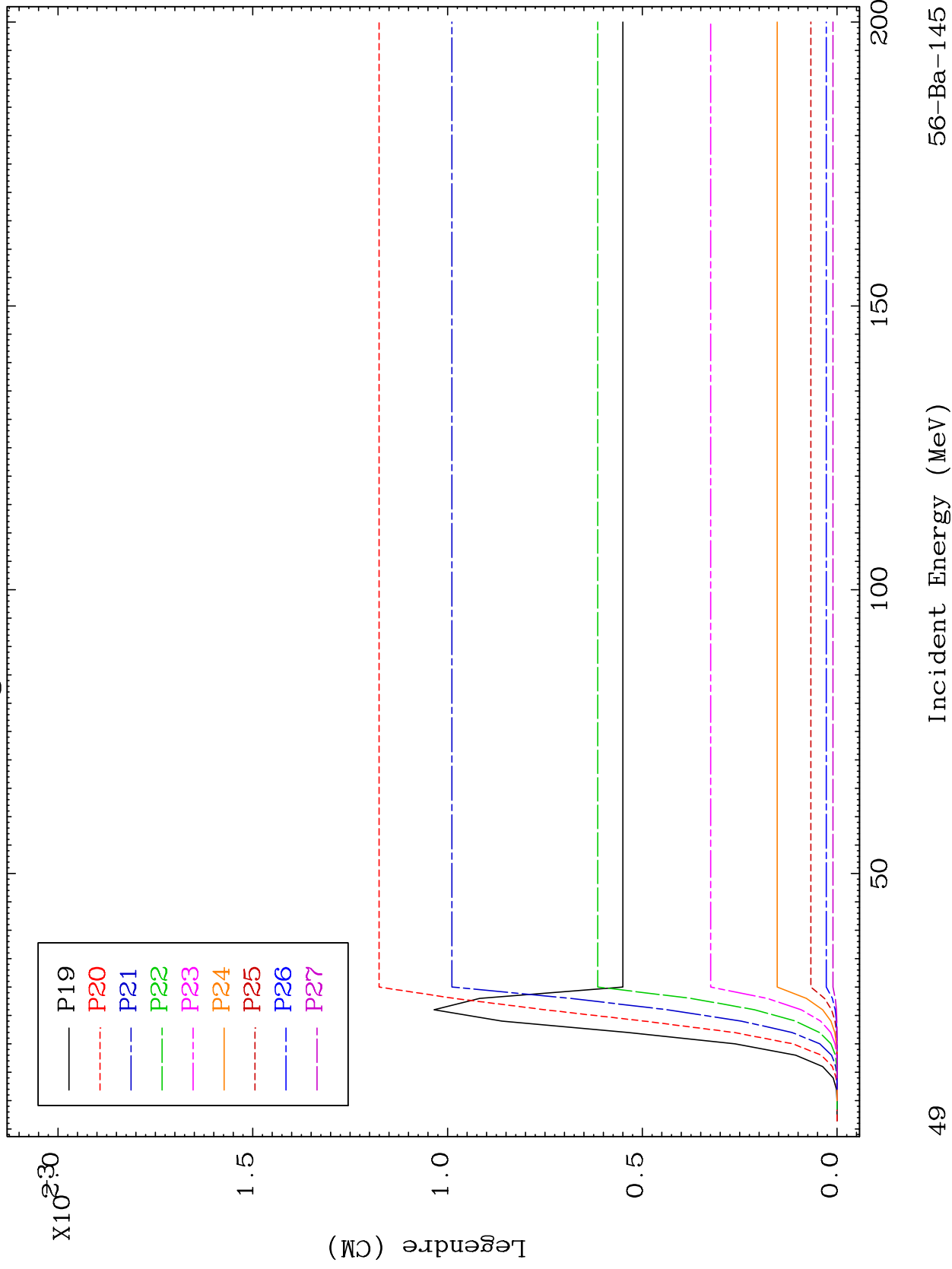




MAT 5670

454.6 keV (n, n') Level  
Legendre Coefficients

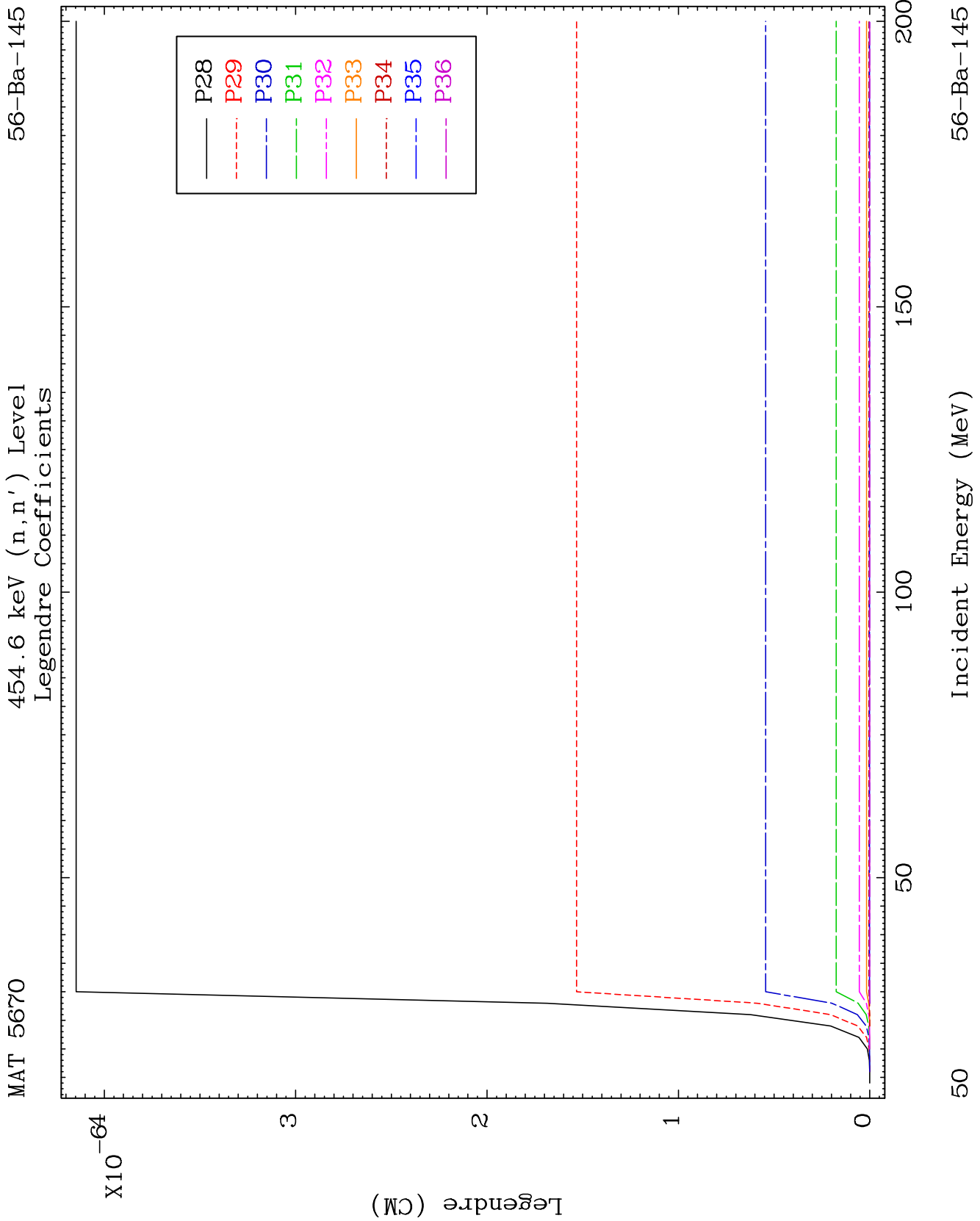
56-Ba-145



49

Incident Energy (MeV)

56-Ba-145

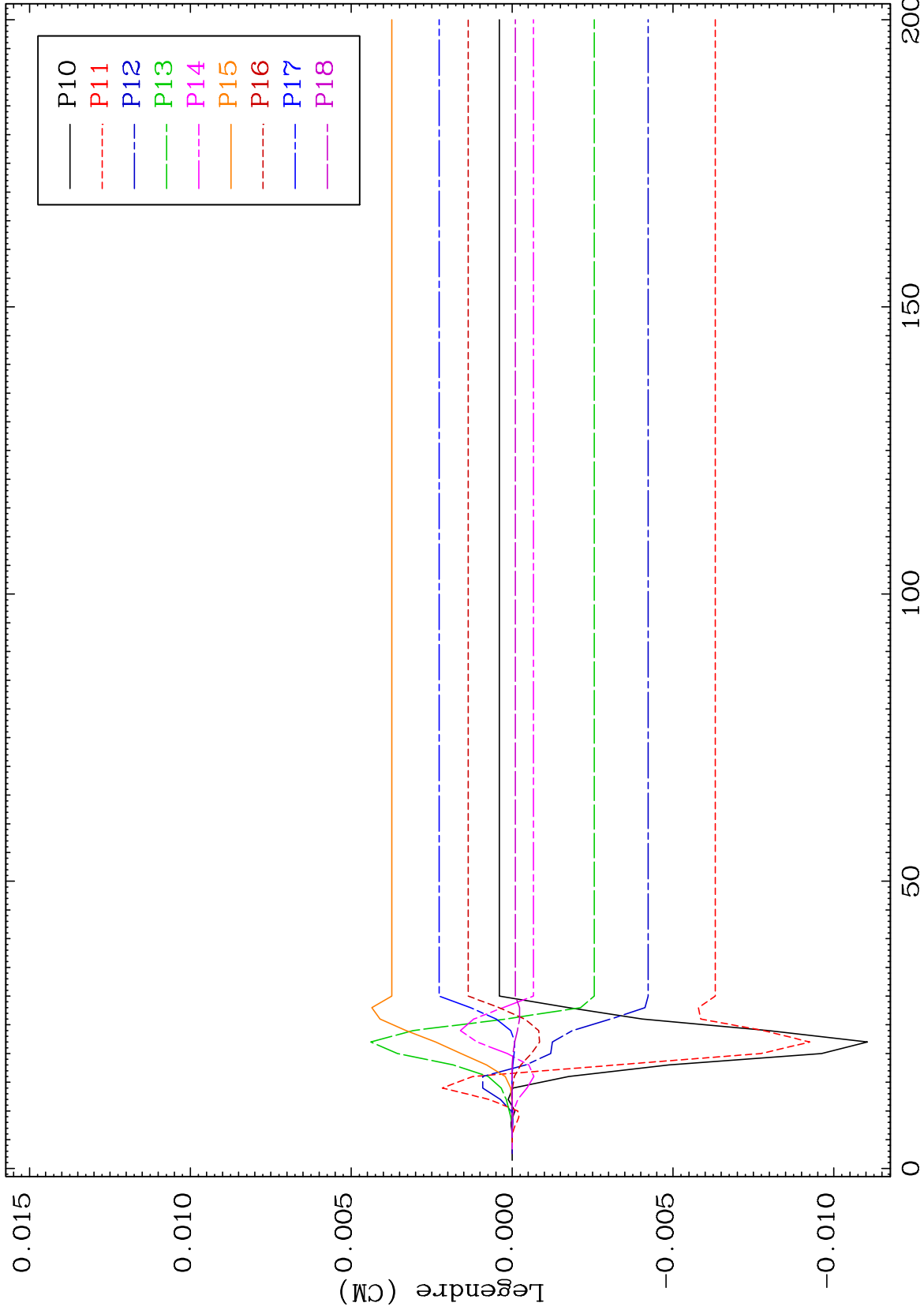




MAT 5670

462.7 keV (n,n') Level  
Legendre Coefficients

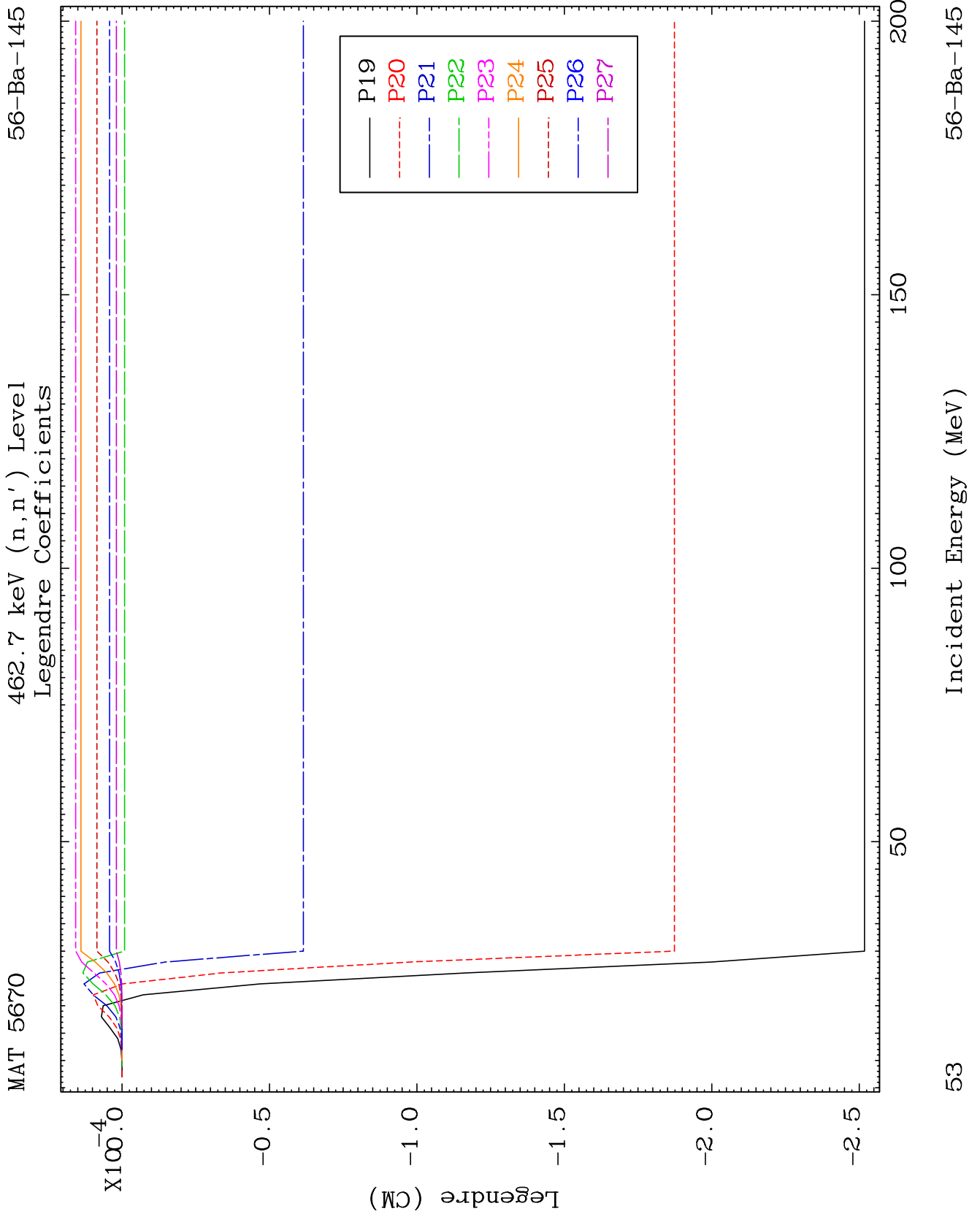
56-Ba-145



52

Incident Energy (MeV)

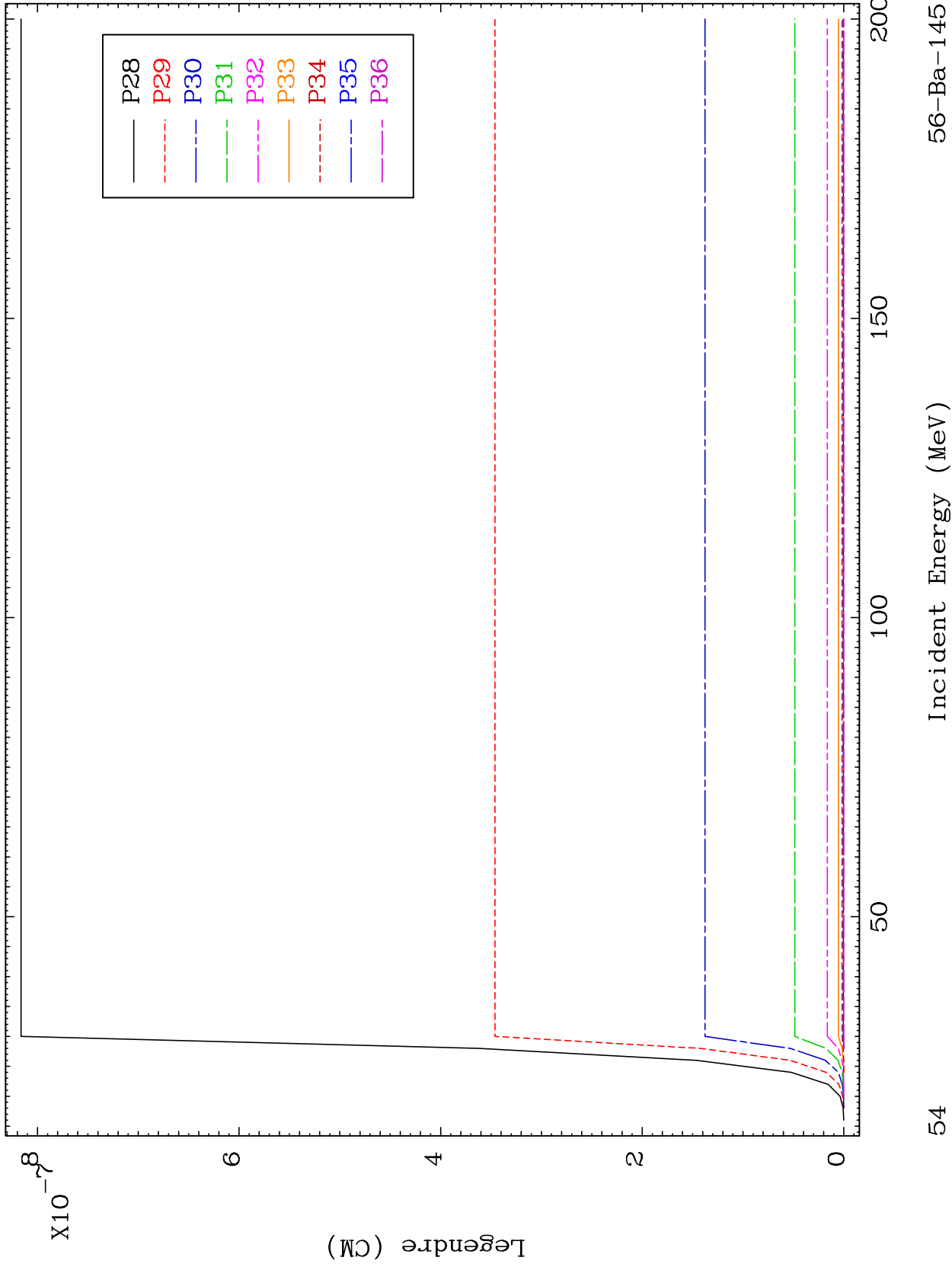
56-Ba-145



MAT 5670

462.7 keV (n,n') Level  
Legendre Coefficients

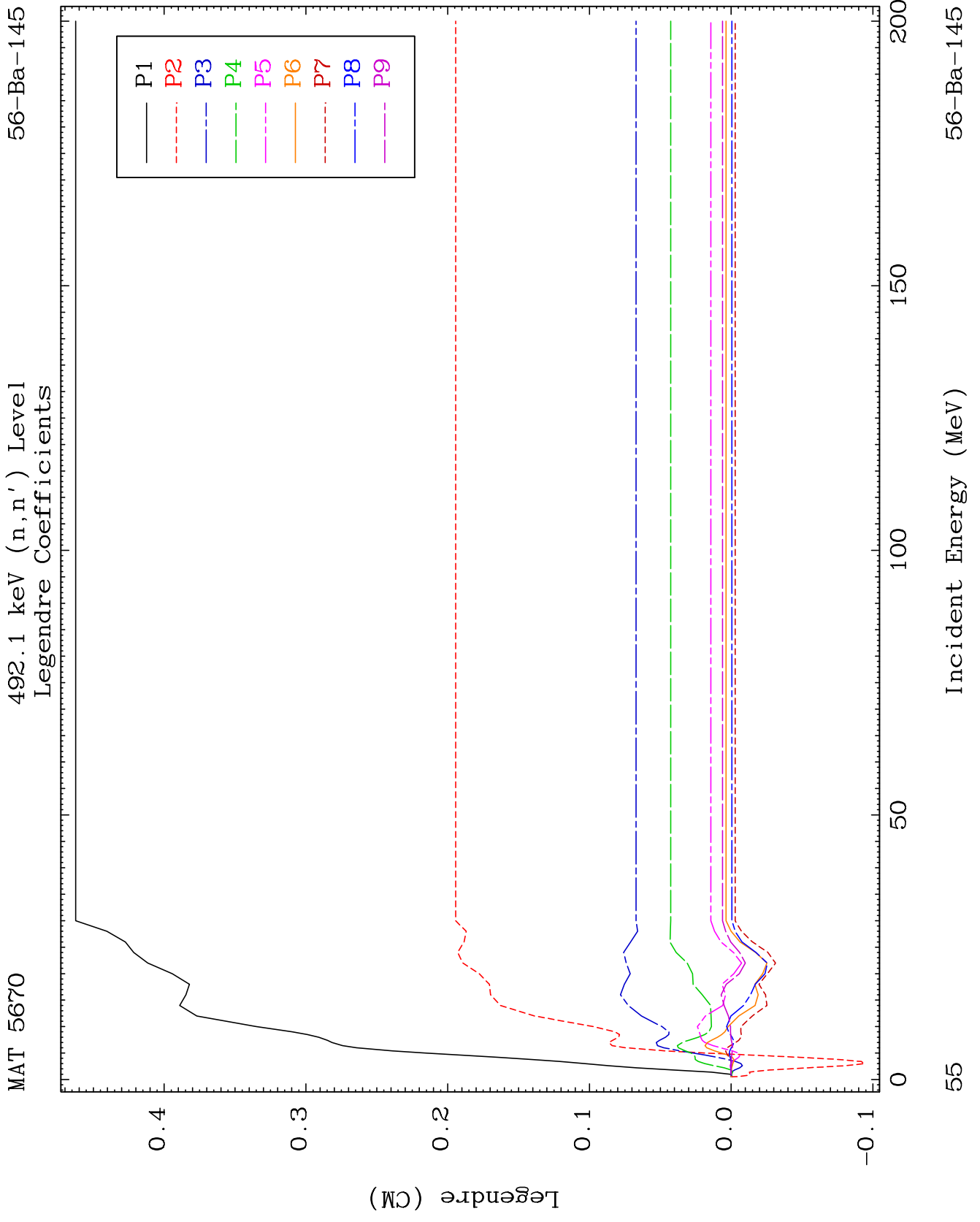
56-Ba-145



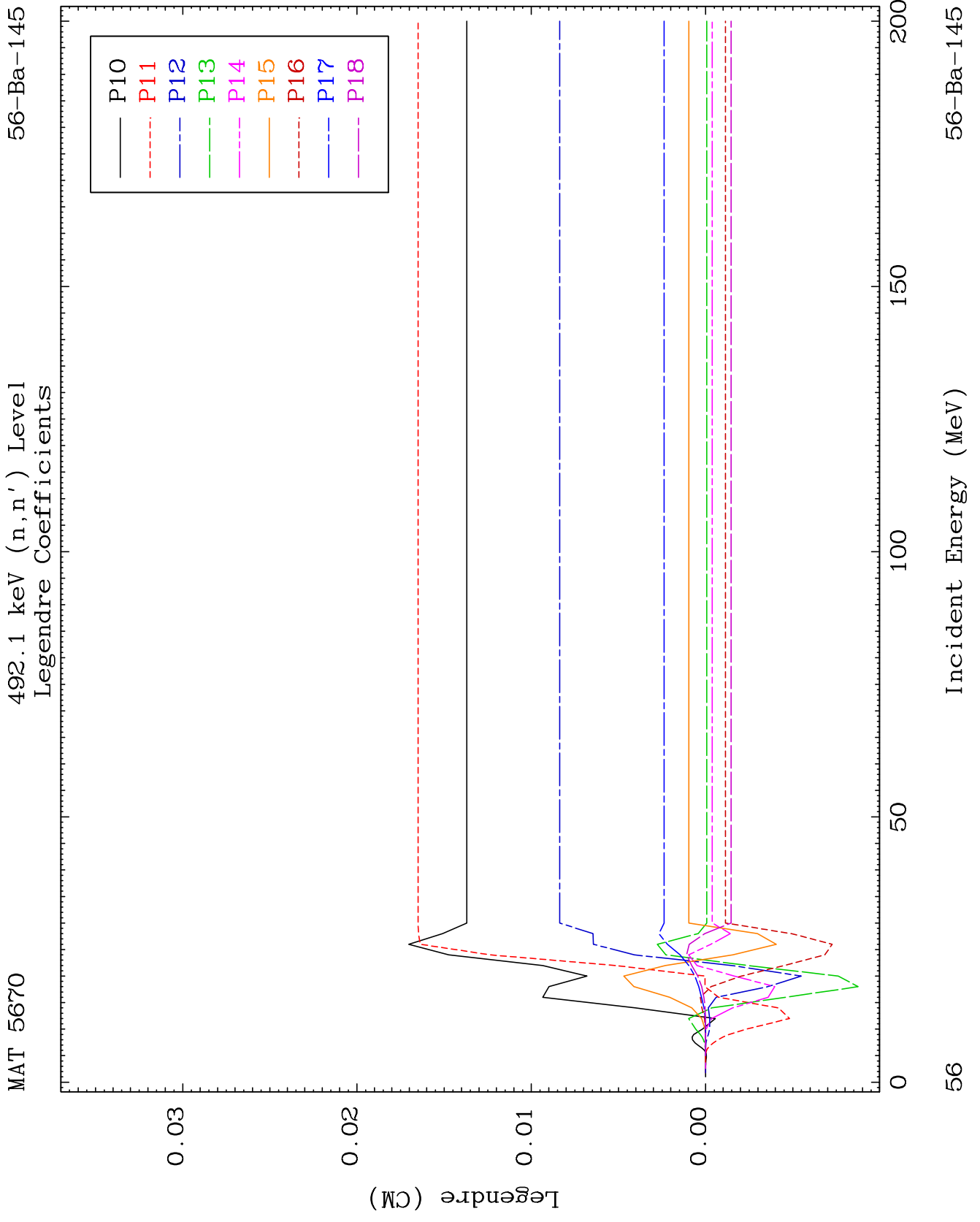
54

Incident Energy (MeV)

56-Ba-145



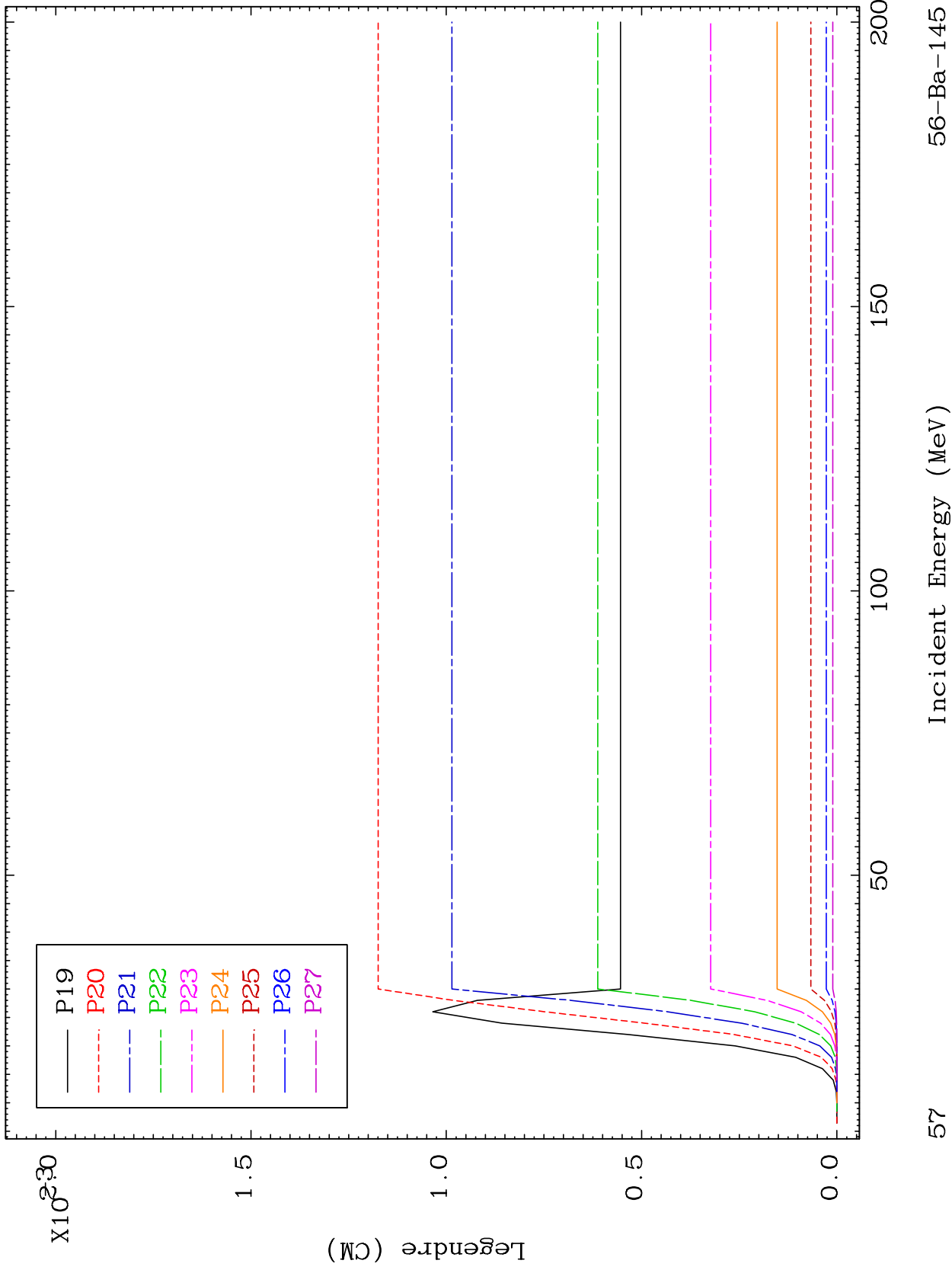




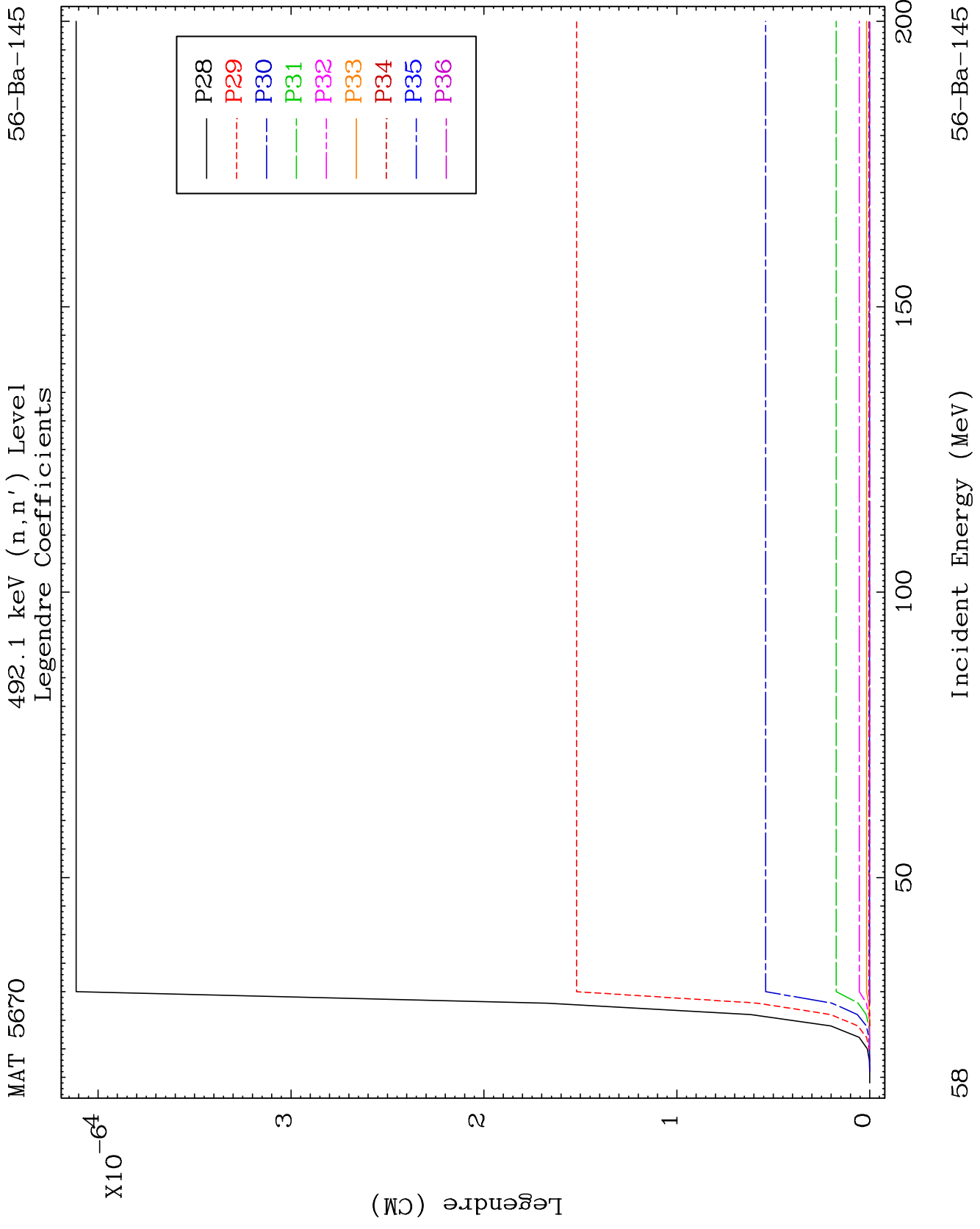
MAT 5670

492.1 keV (n,n') Level  
Legendre Coefficients

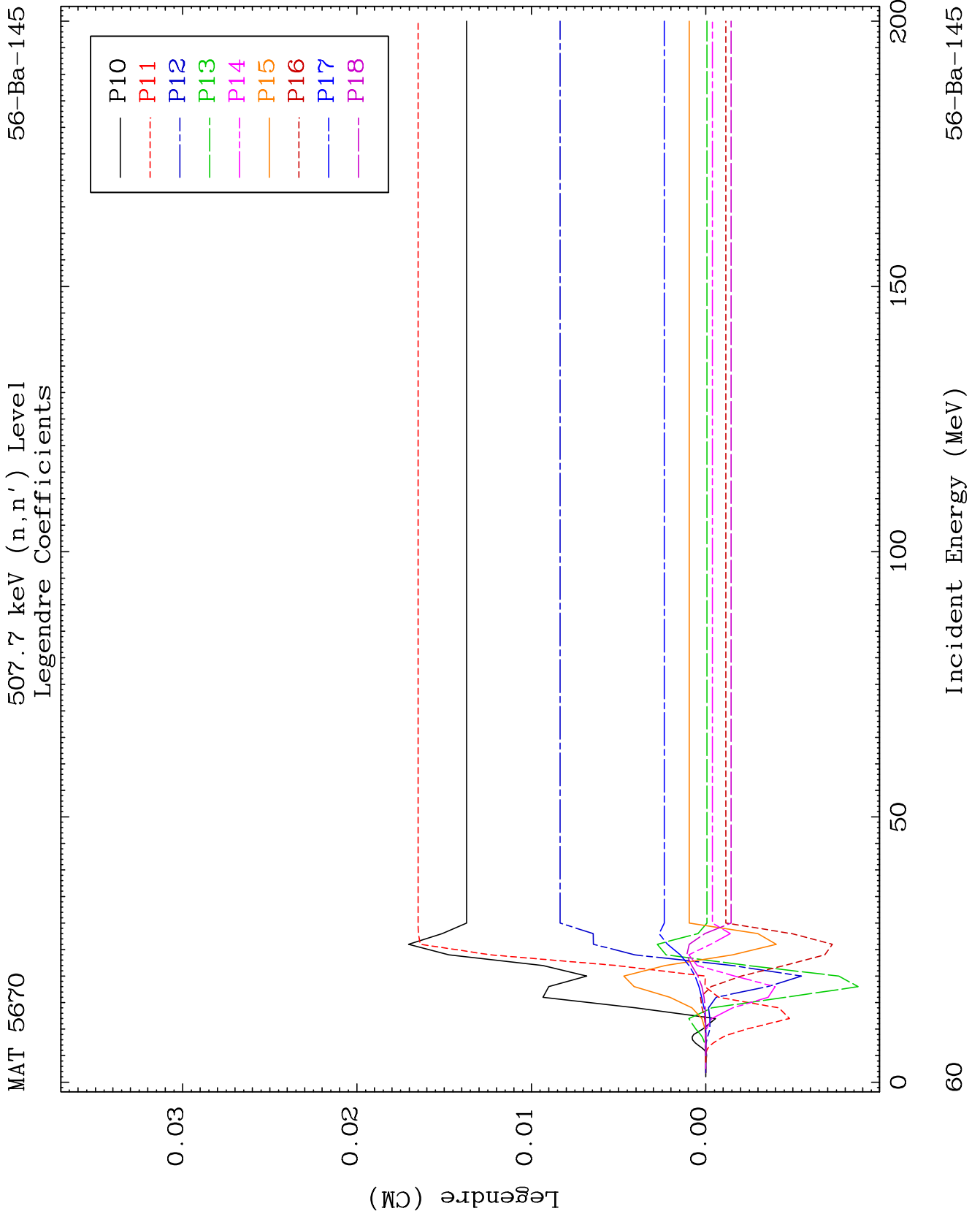
56-Ba-145



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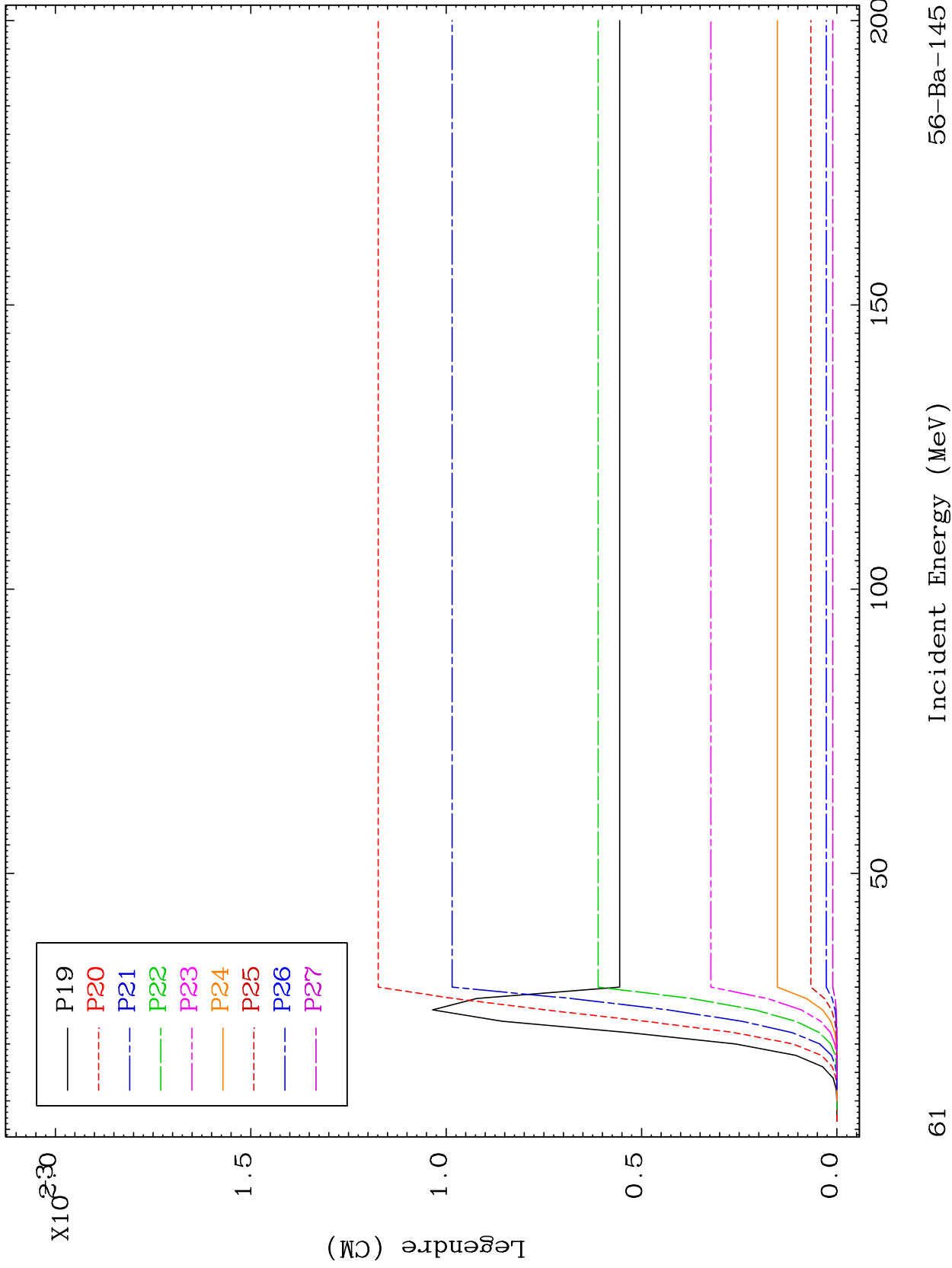




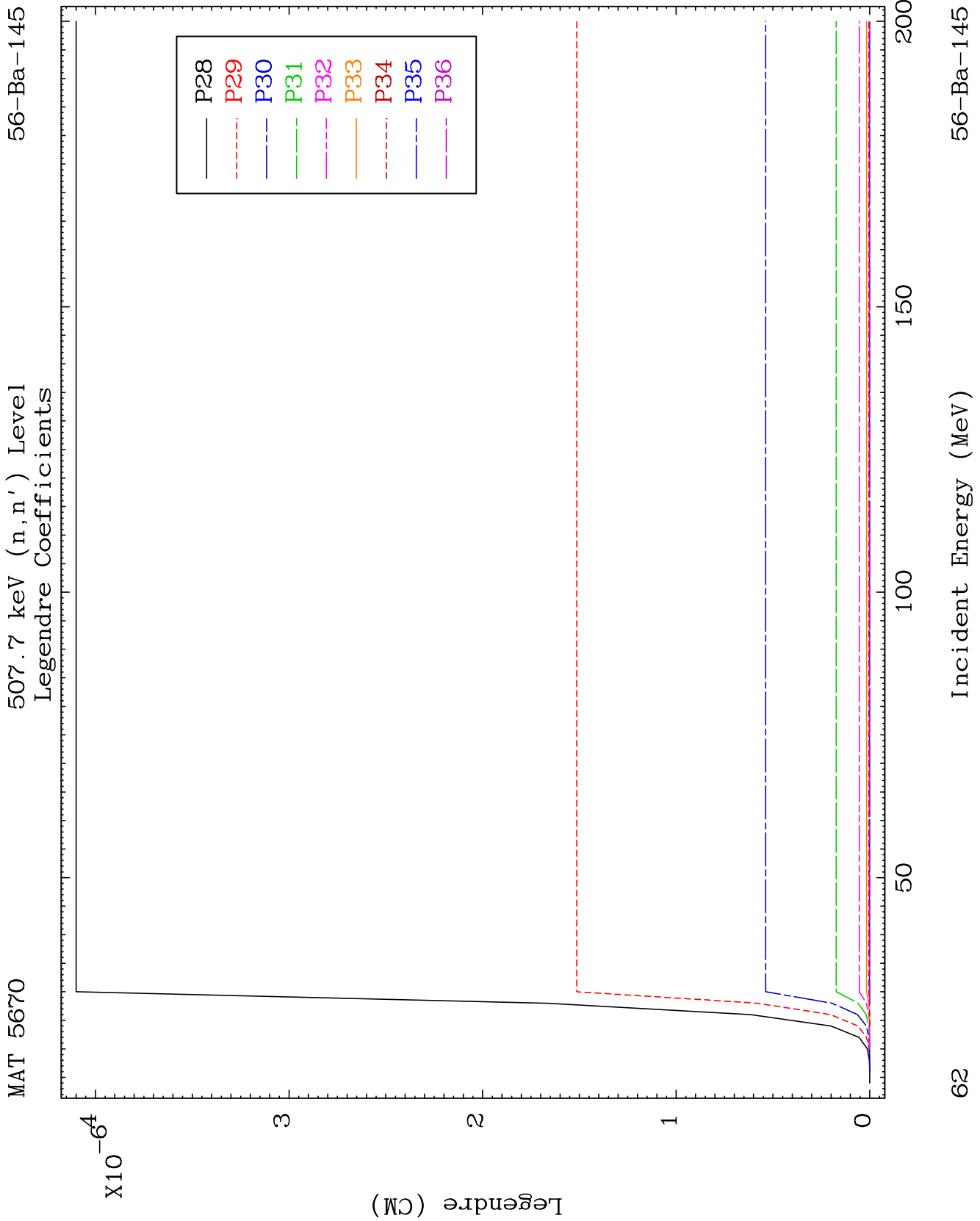
MAT 5670

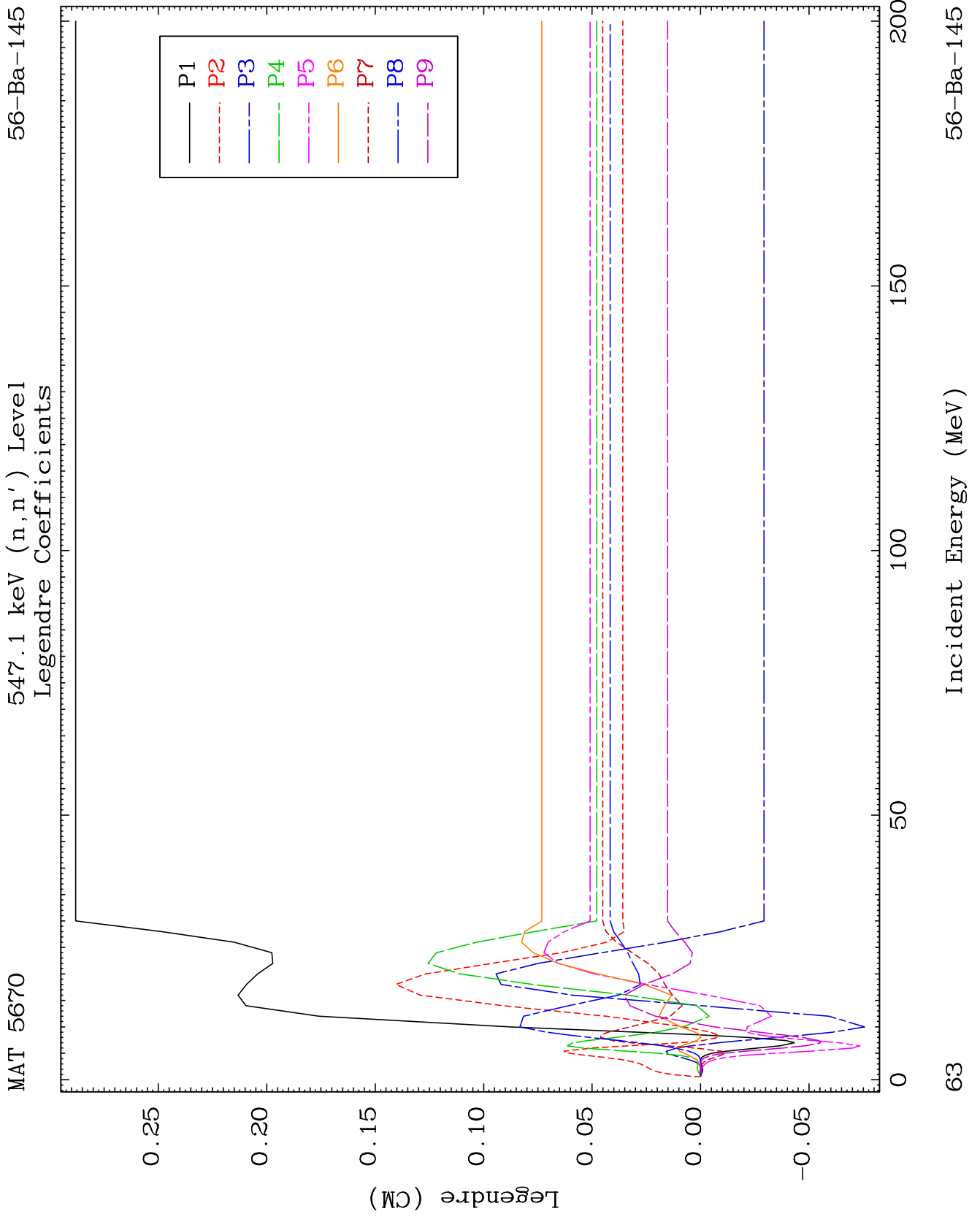
507.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-145

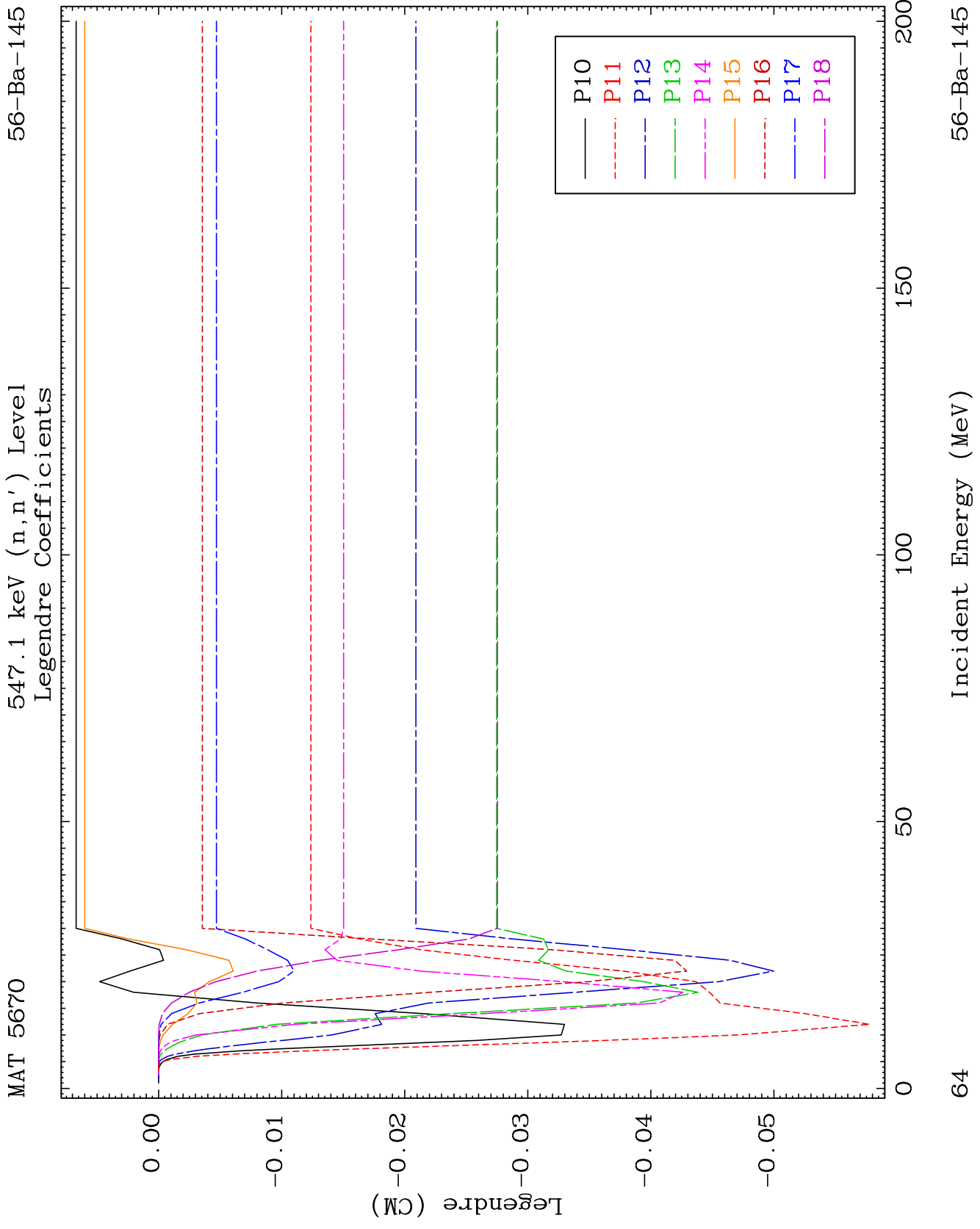


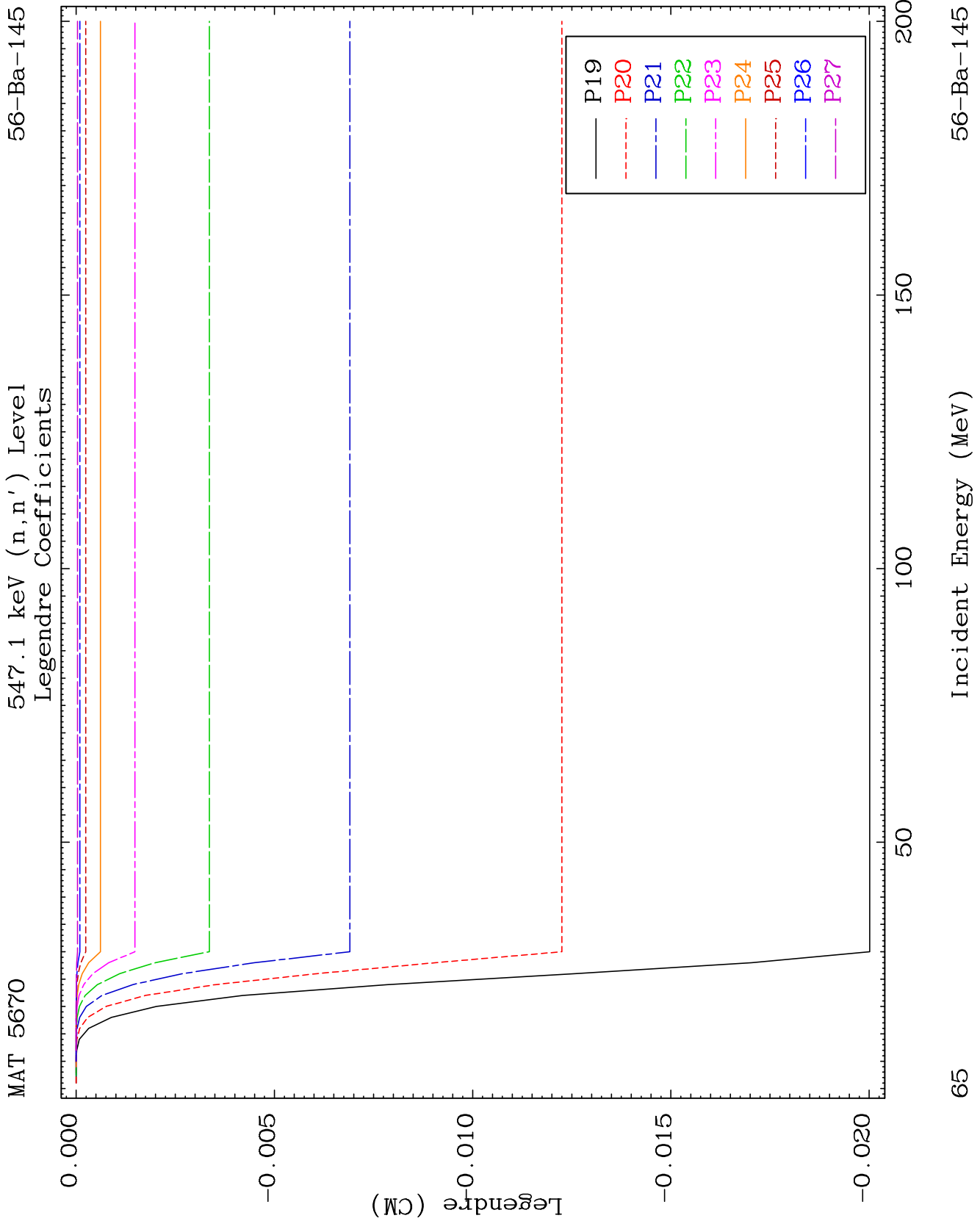
61

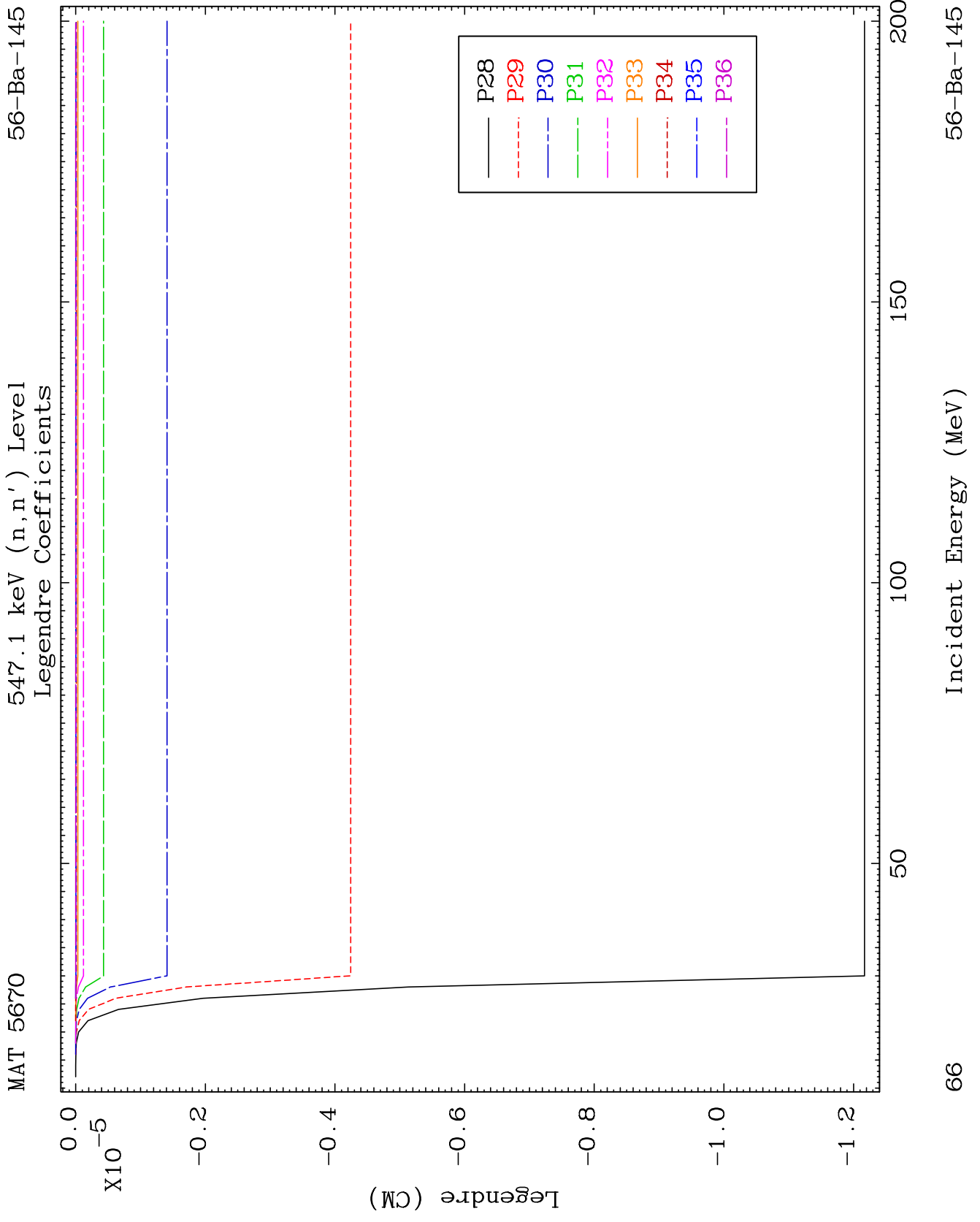




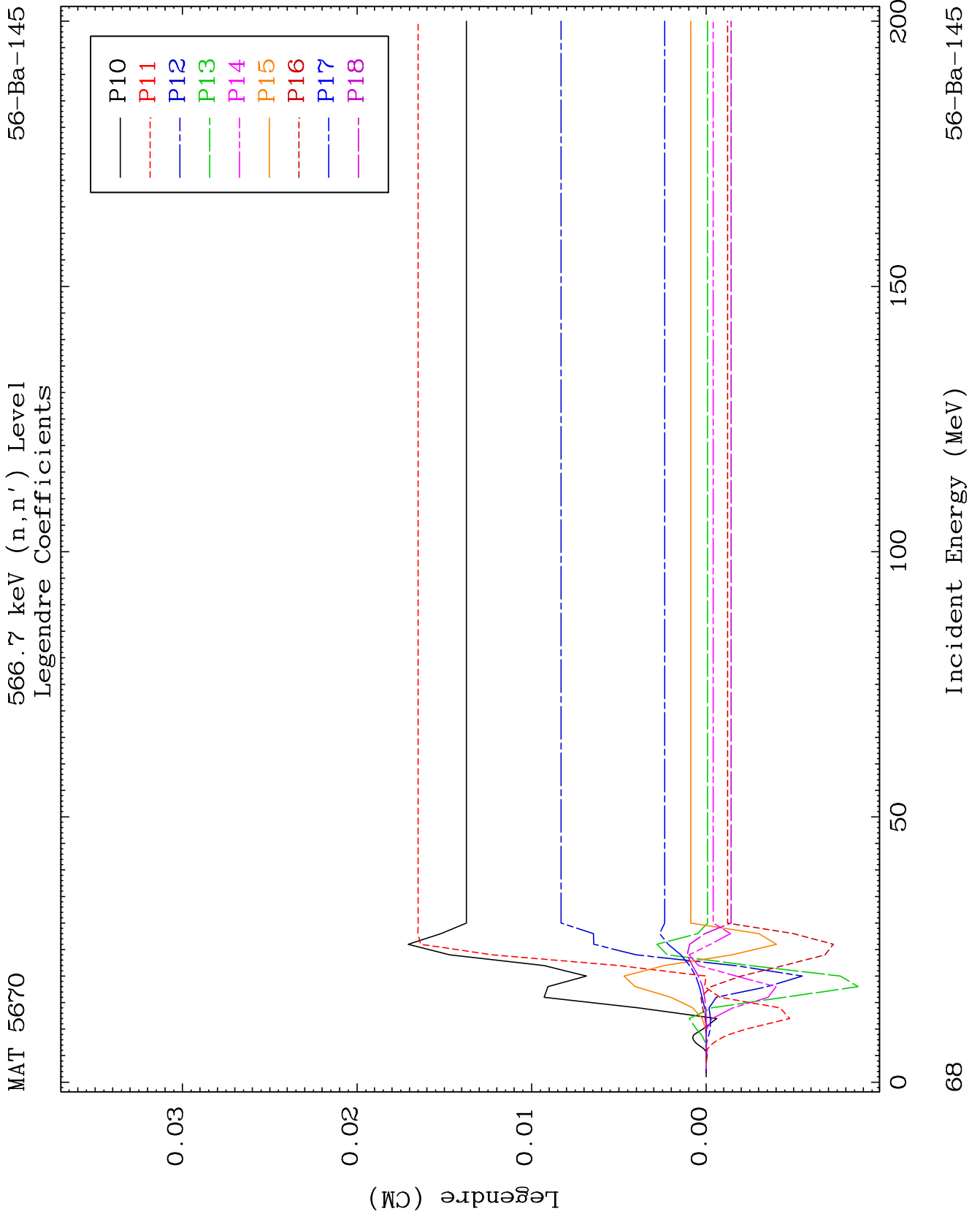








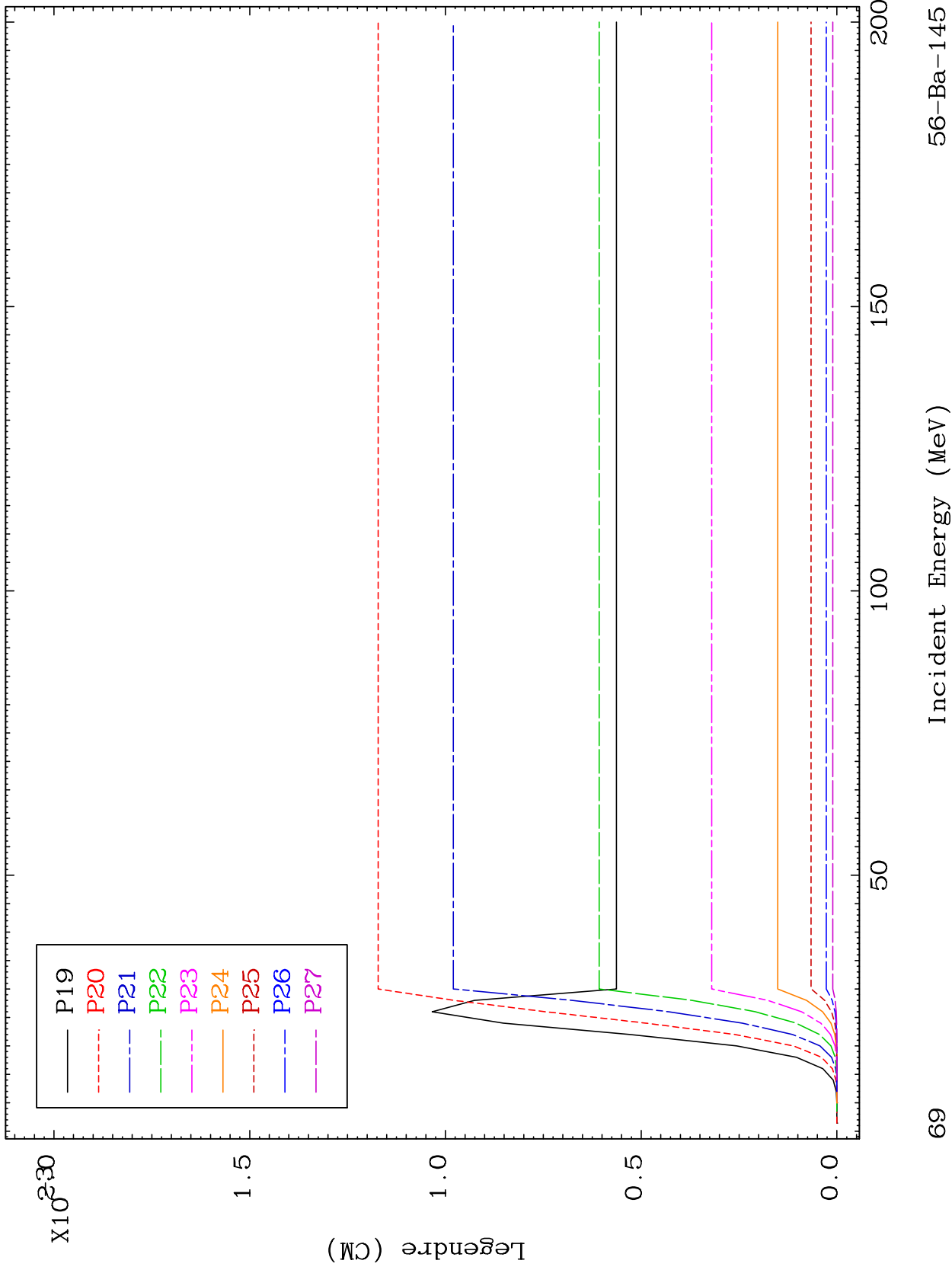




MAT 5670

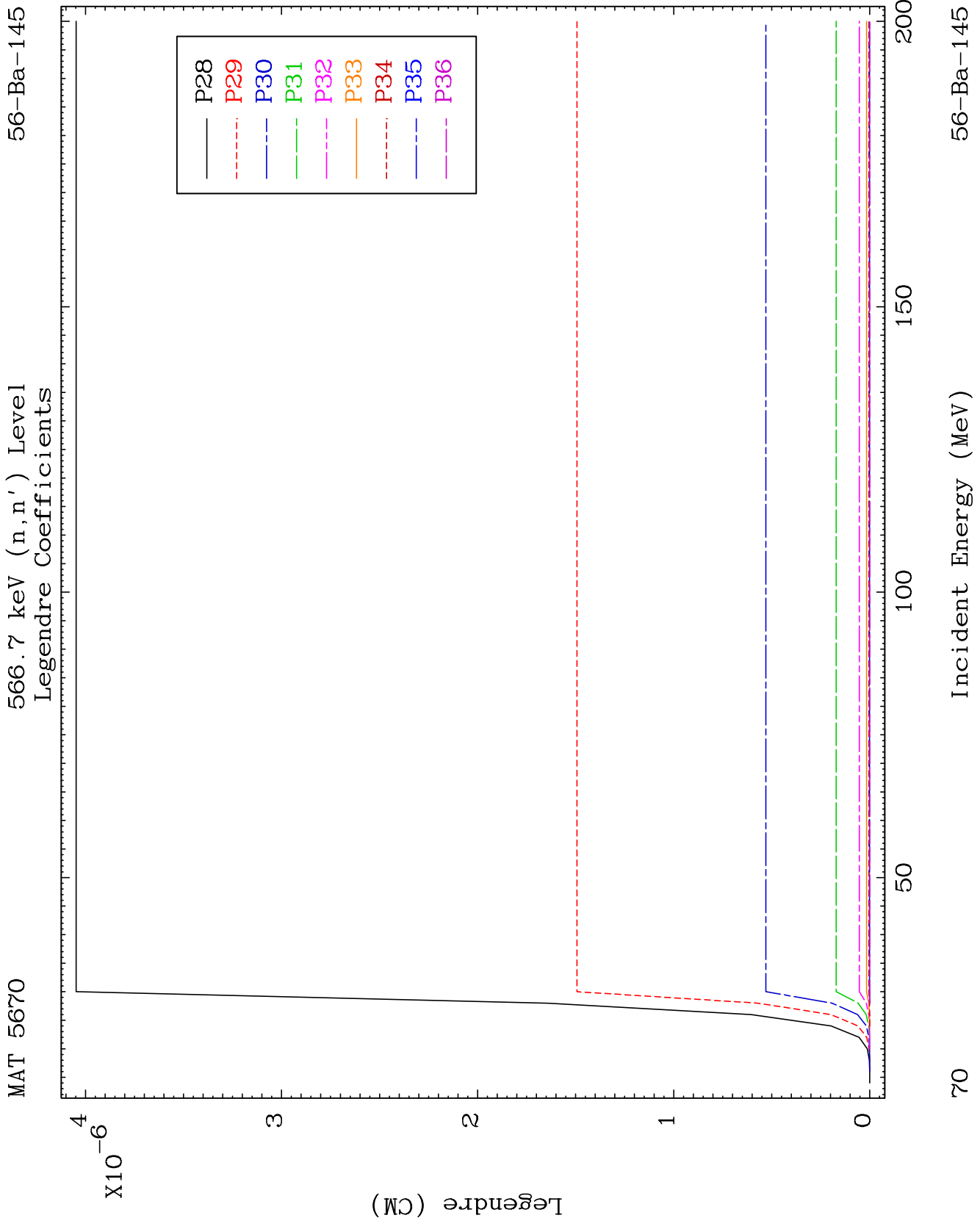
566.7 keV (n, n') Level  
Legendre Coefficients

56-Ba-145



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56-Ba-145



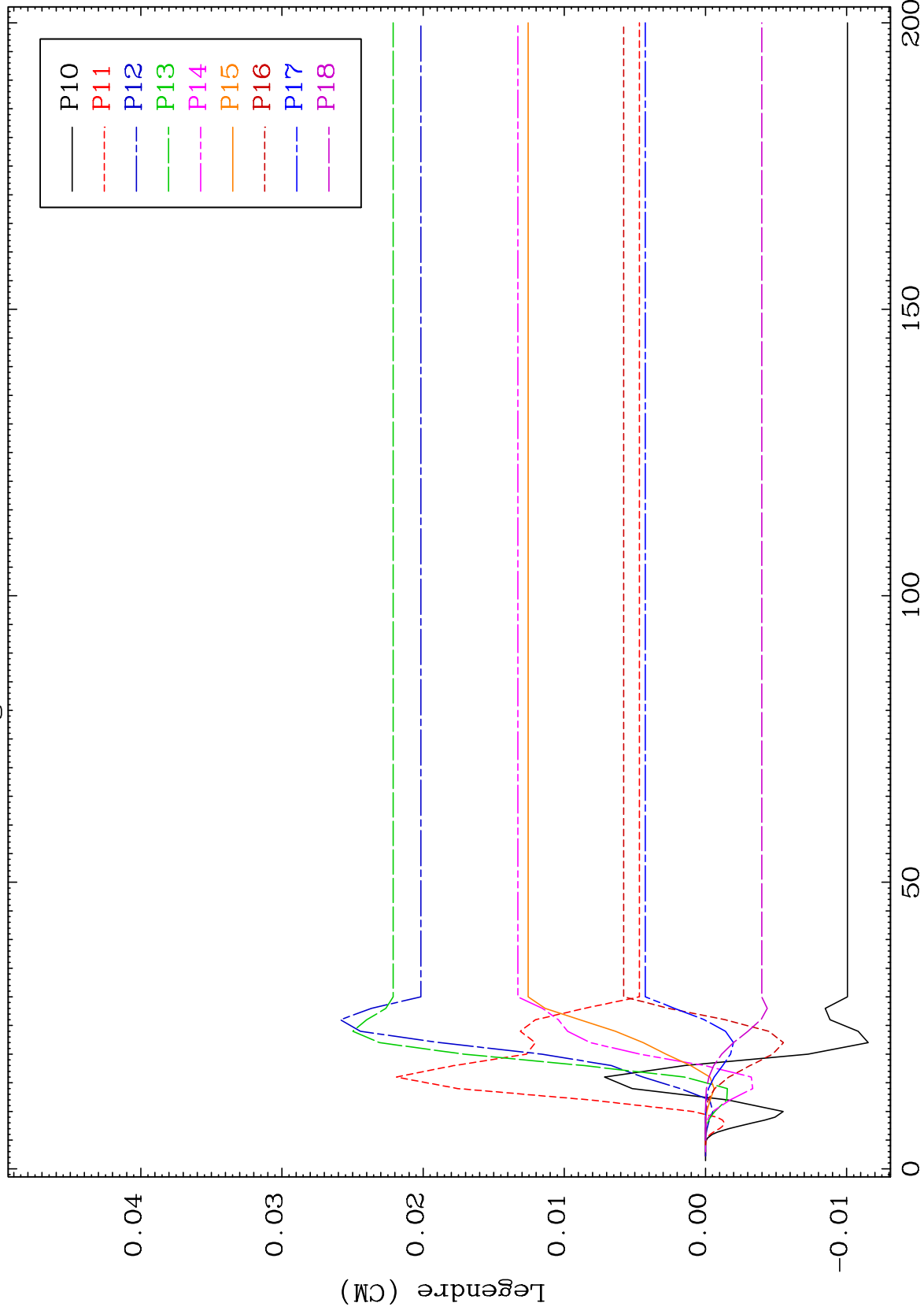




MAT 5670

611.1 keV (n,n') Level  
Legendre Coefficients

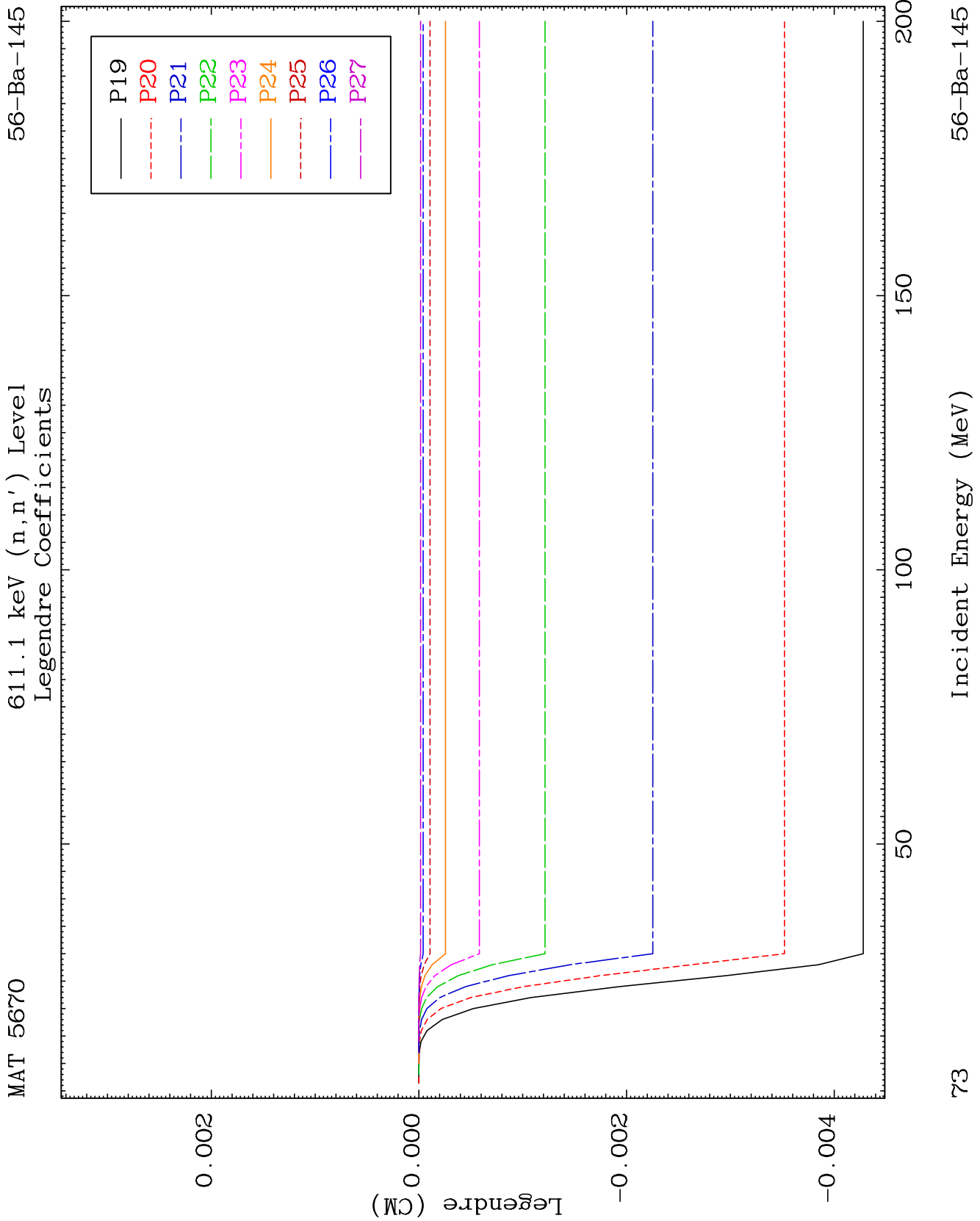
56-Ba-145

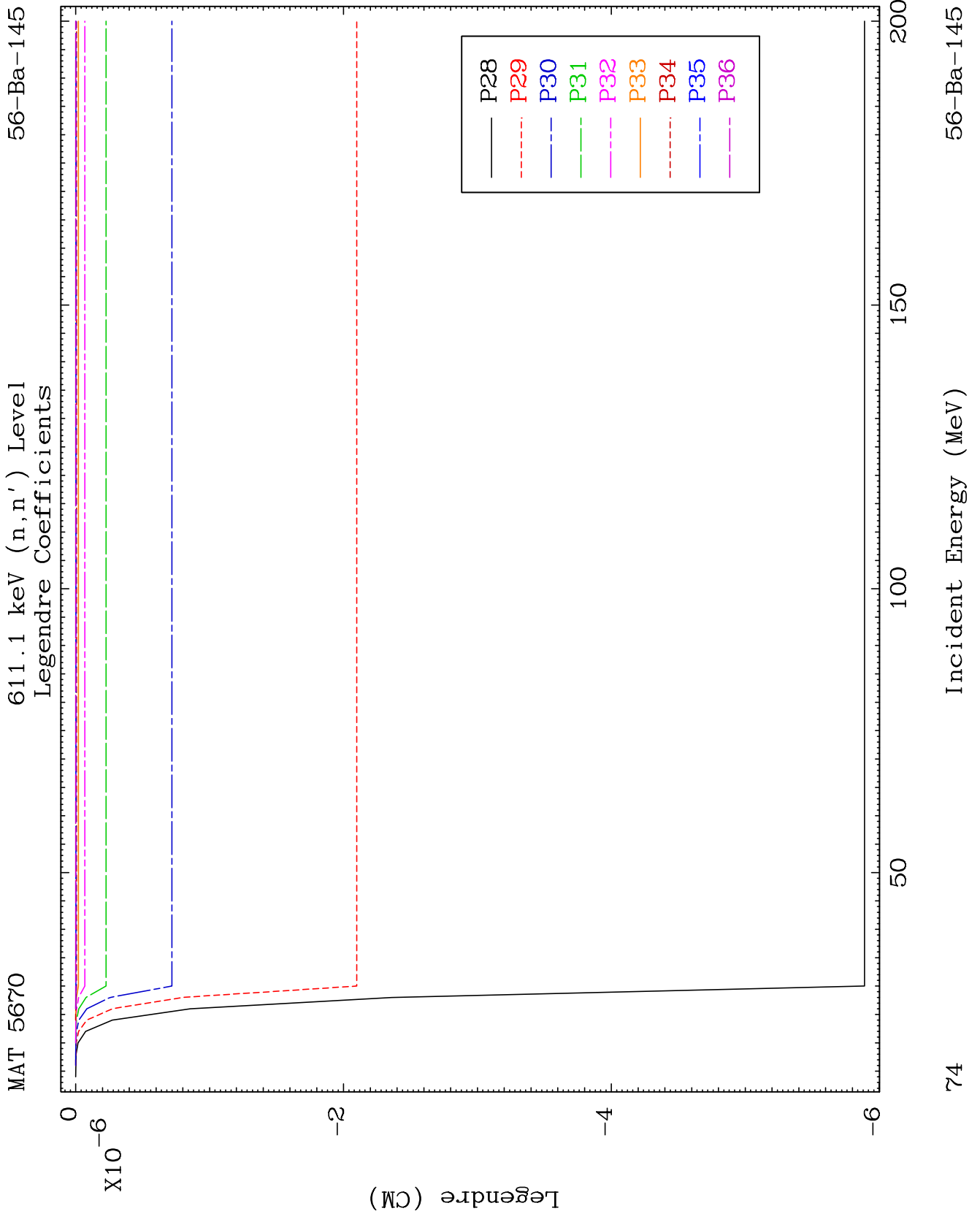


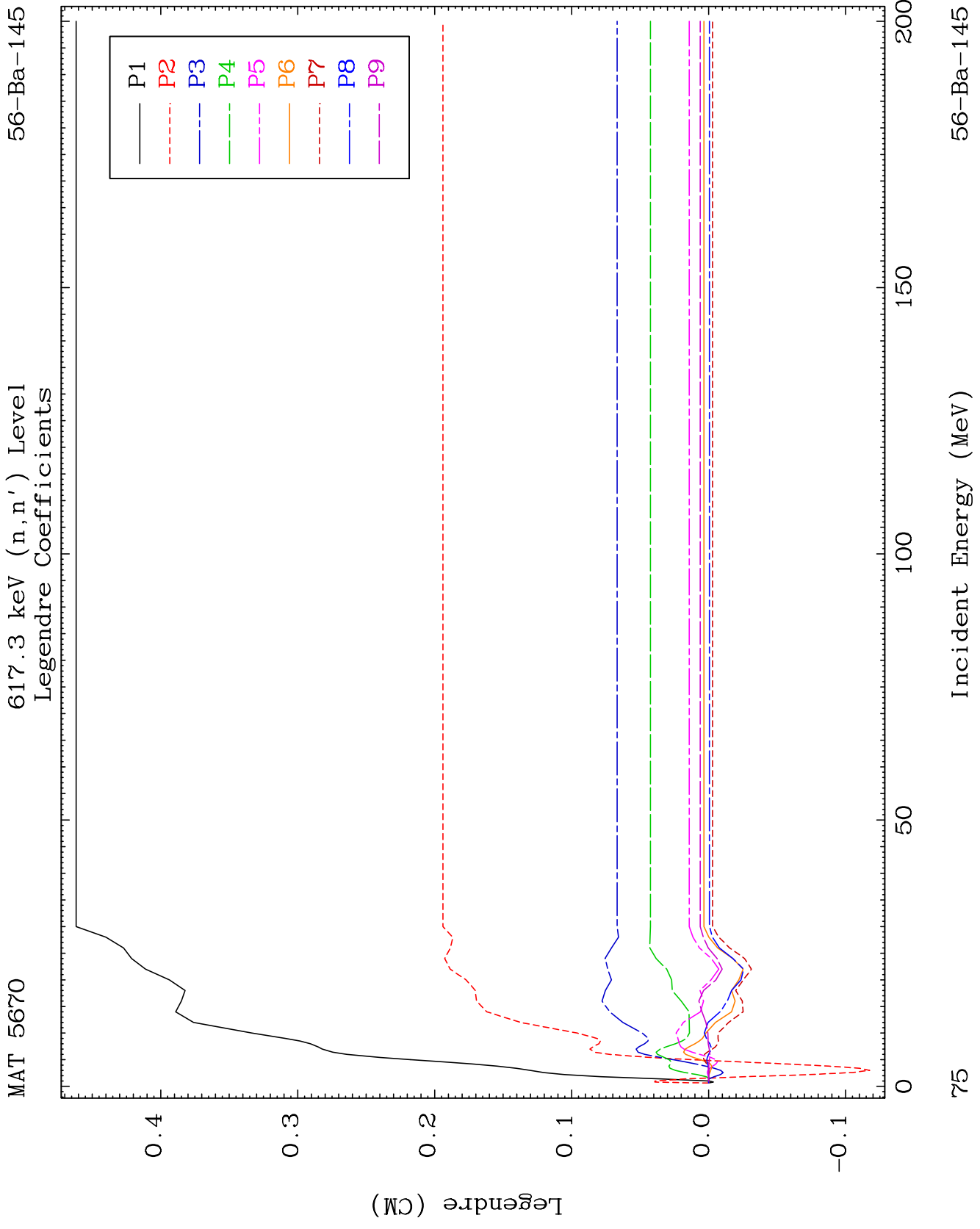
72

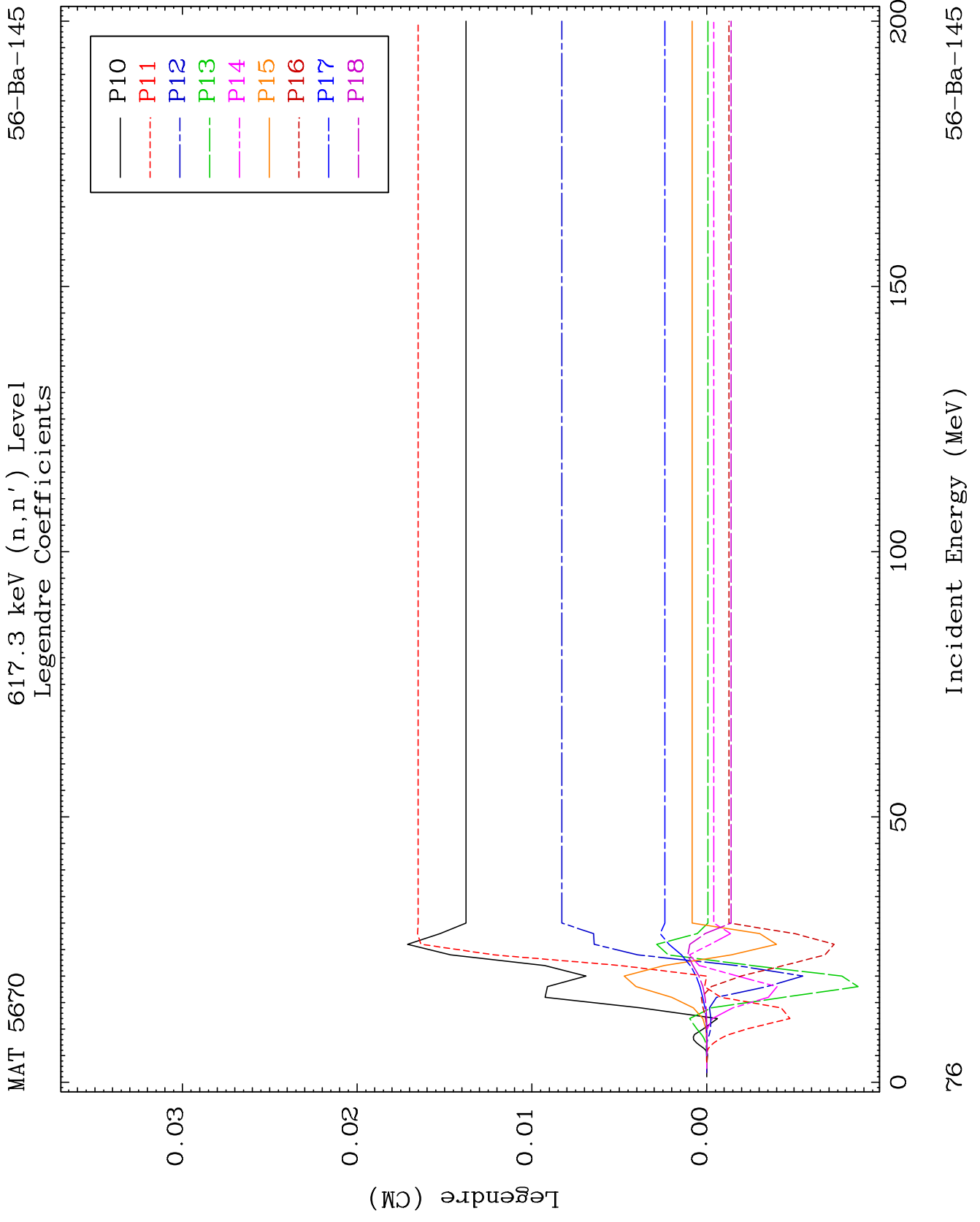
Incident Energy (MeV)

56-Ba-145





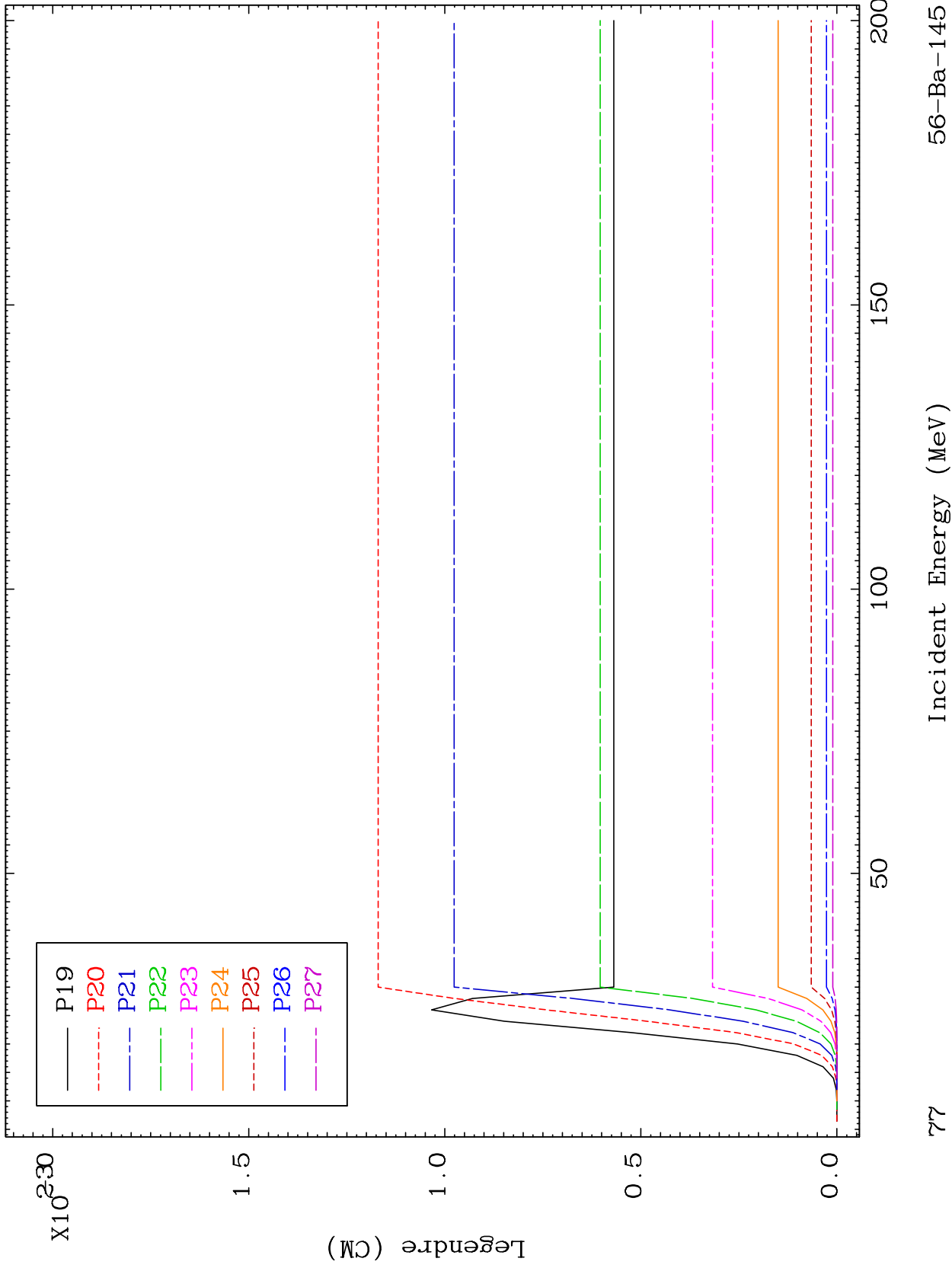


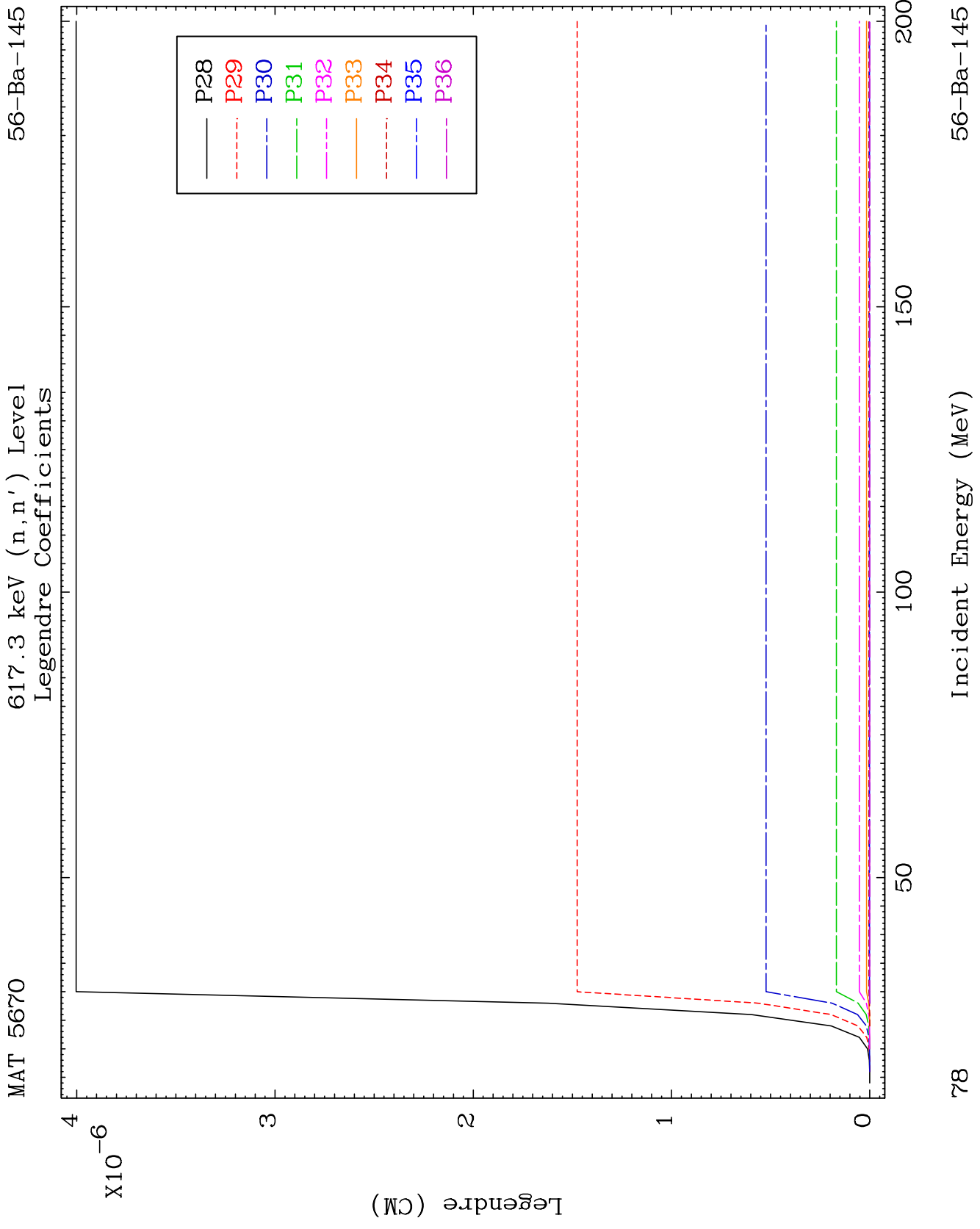


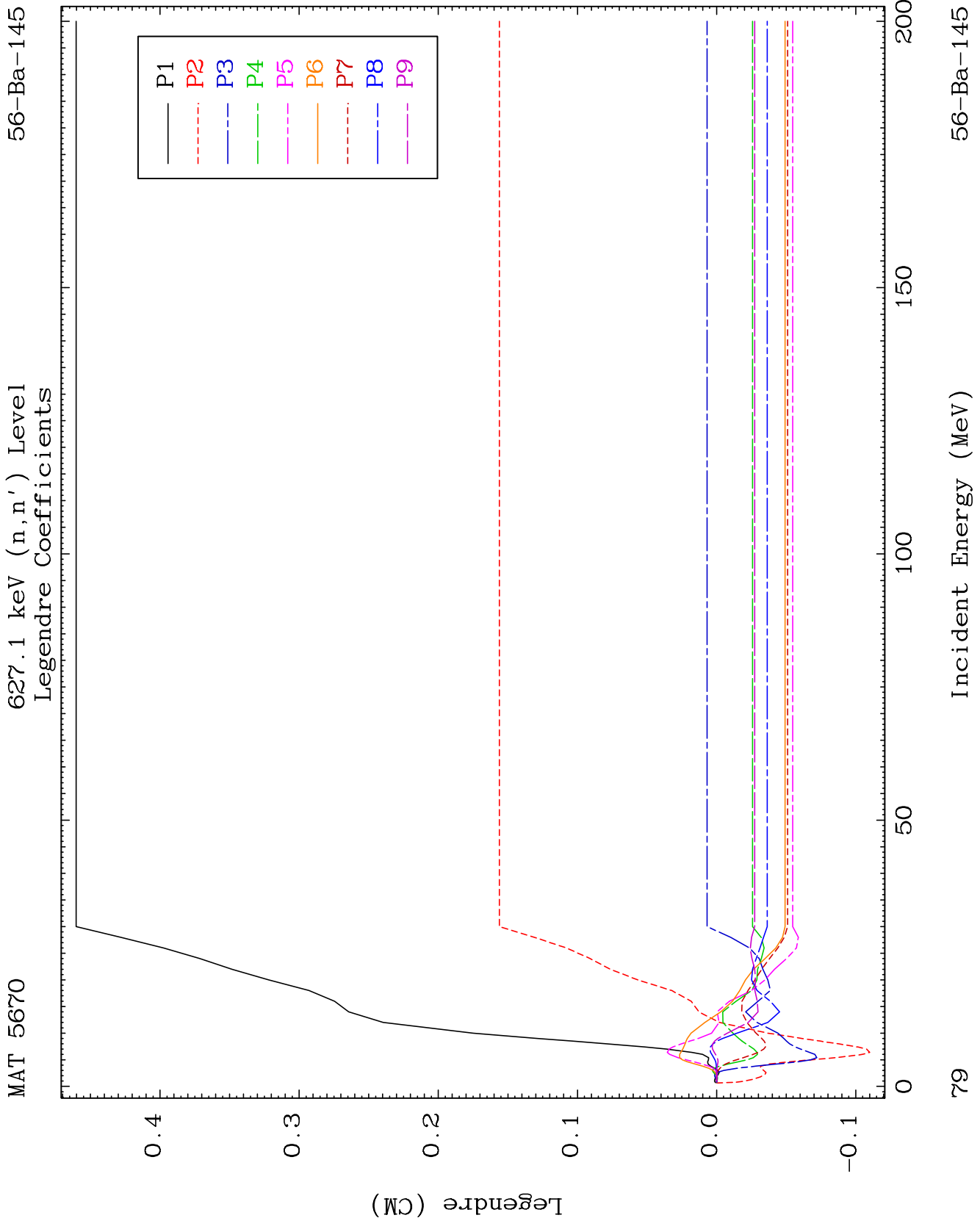
MAT 5670

617.3 keV (n,n') Level  
Legendre Coefficients

56-Ba-145





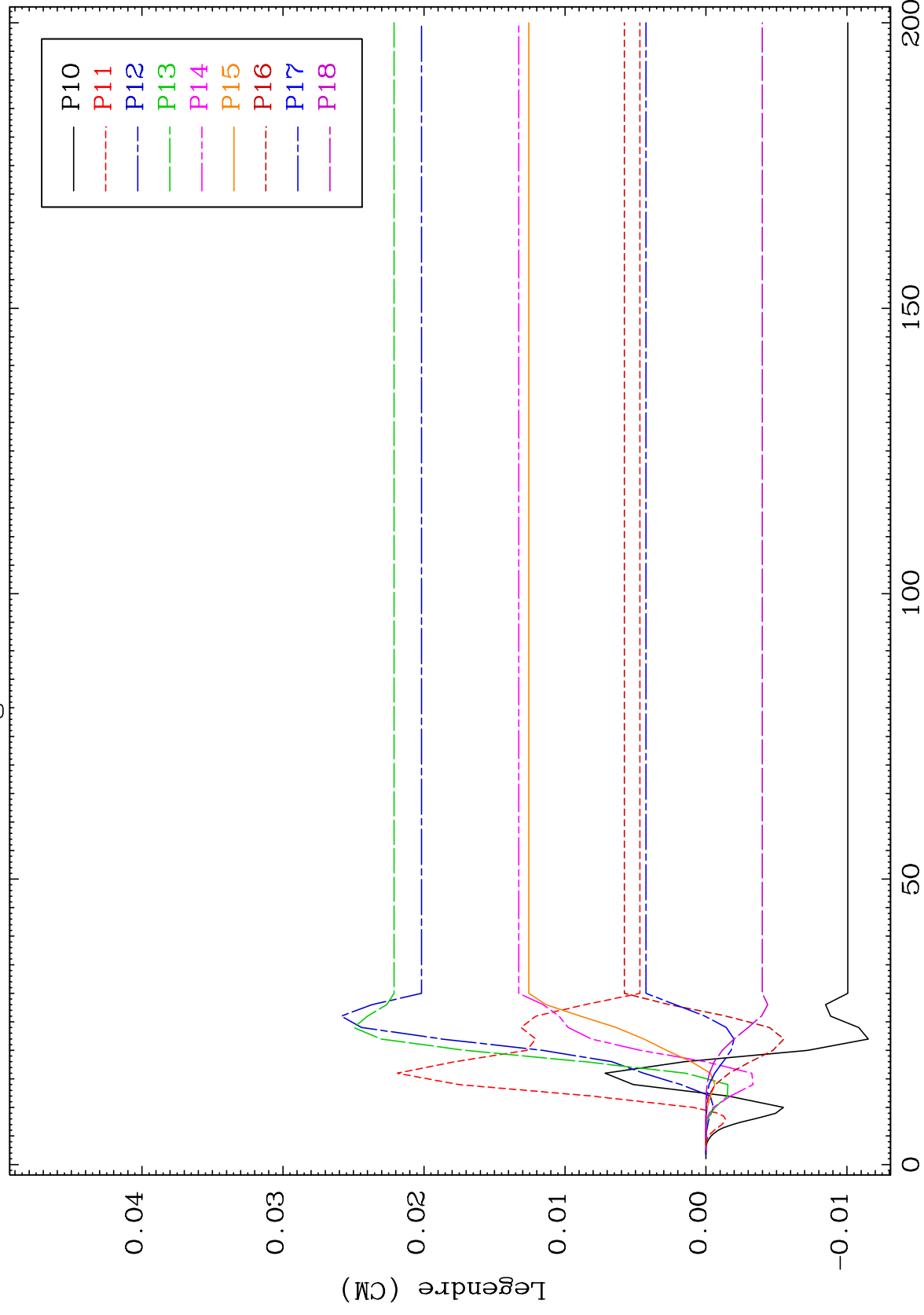




MAT 5670

627.1 keV (n,n') Level  
Legendre Coefficients

56-Ba-145



56-Ba-145

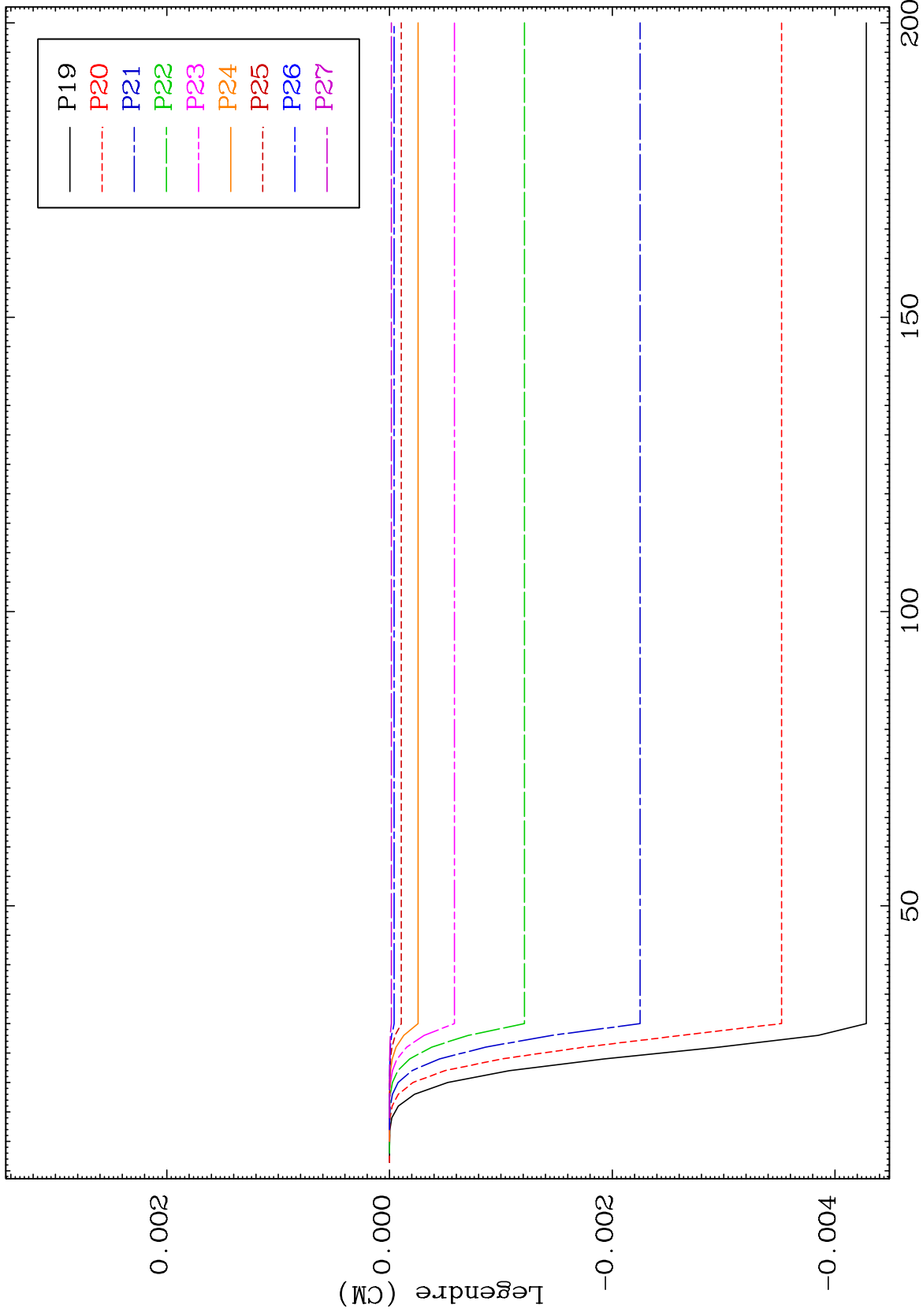
Incident Energy (MeV)

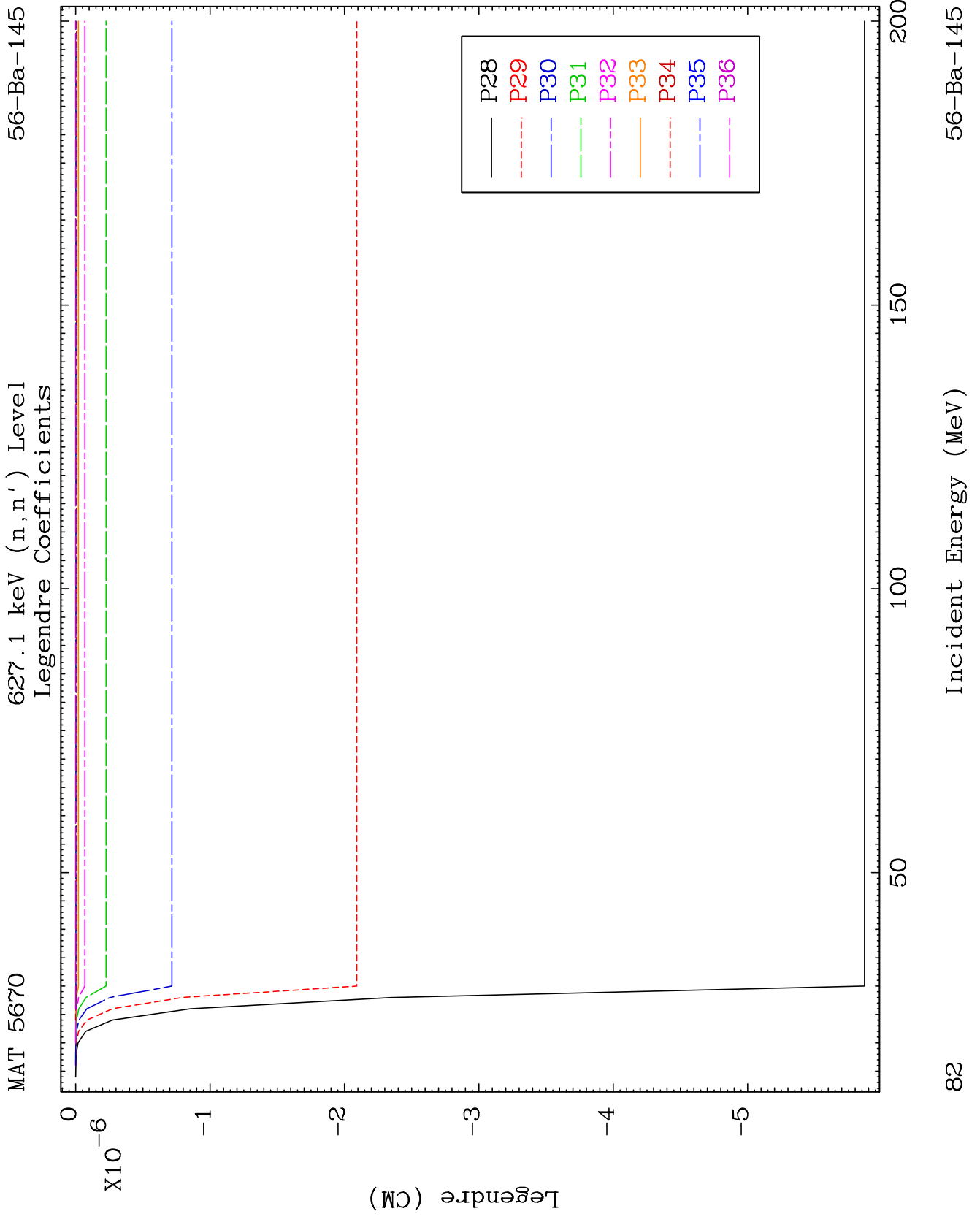
80

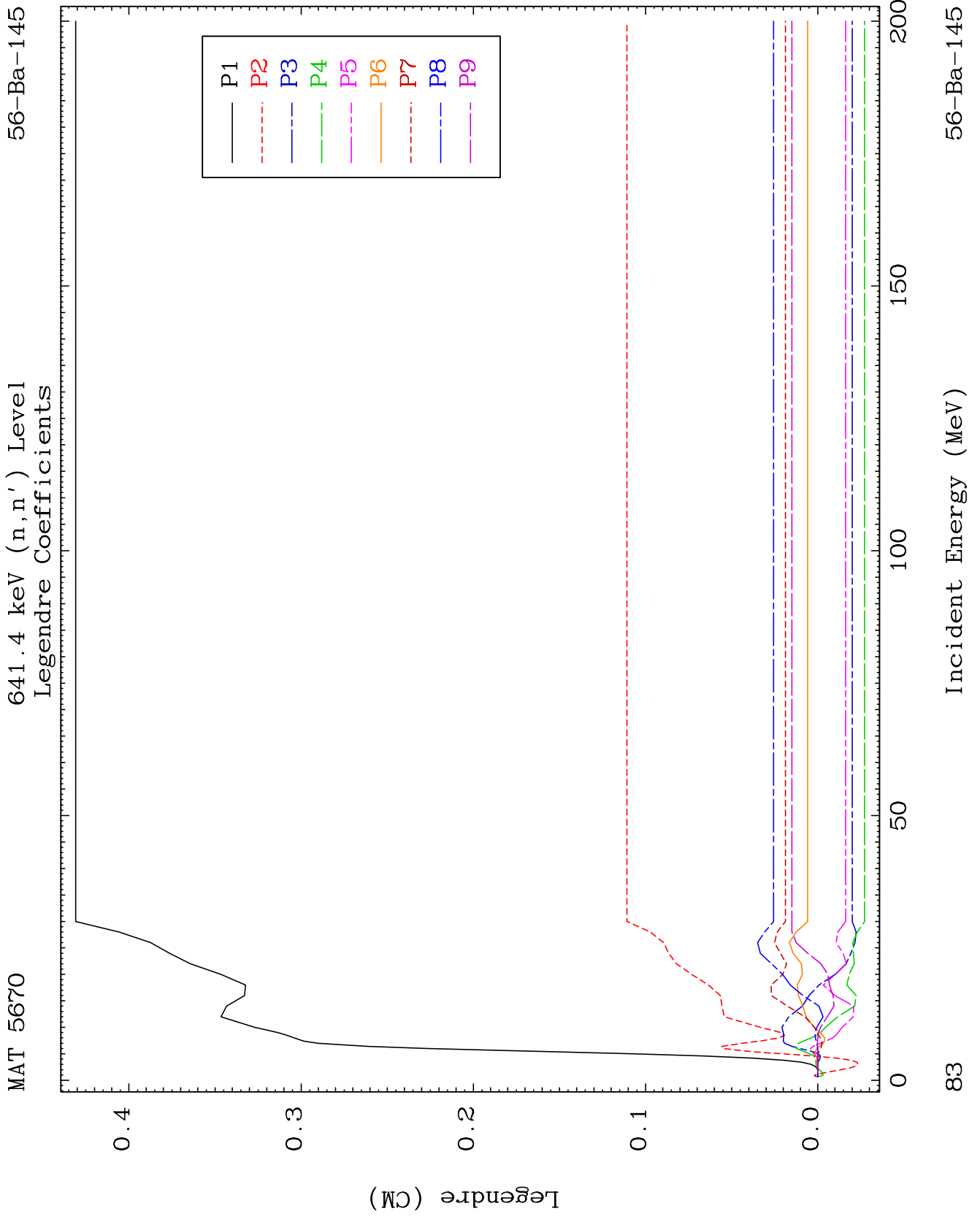
MAT 5670

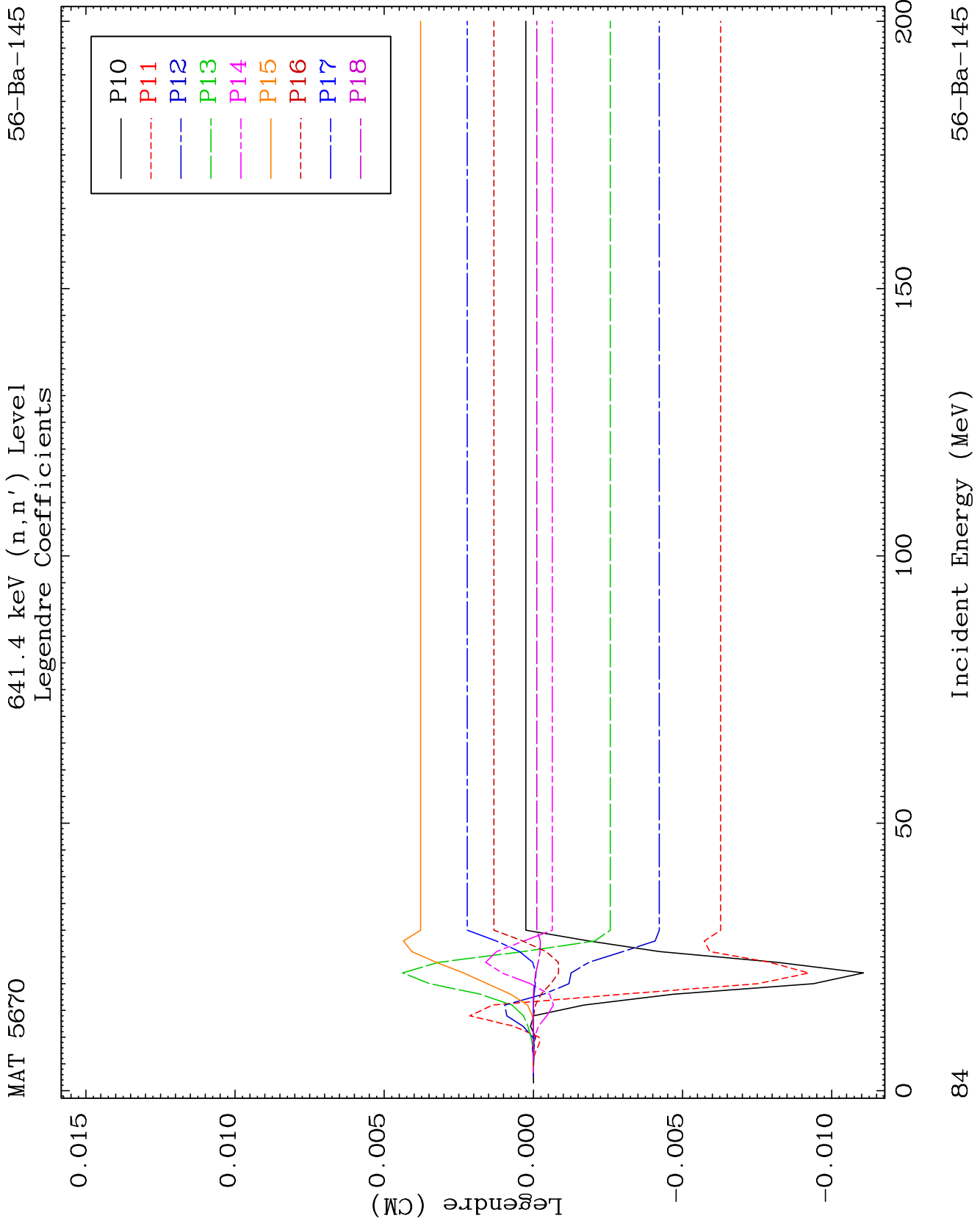
627.1 keV (n,n') Level  
Legendre Coefficients

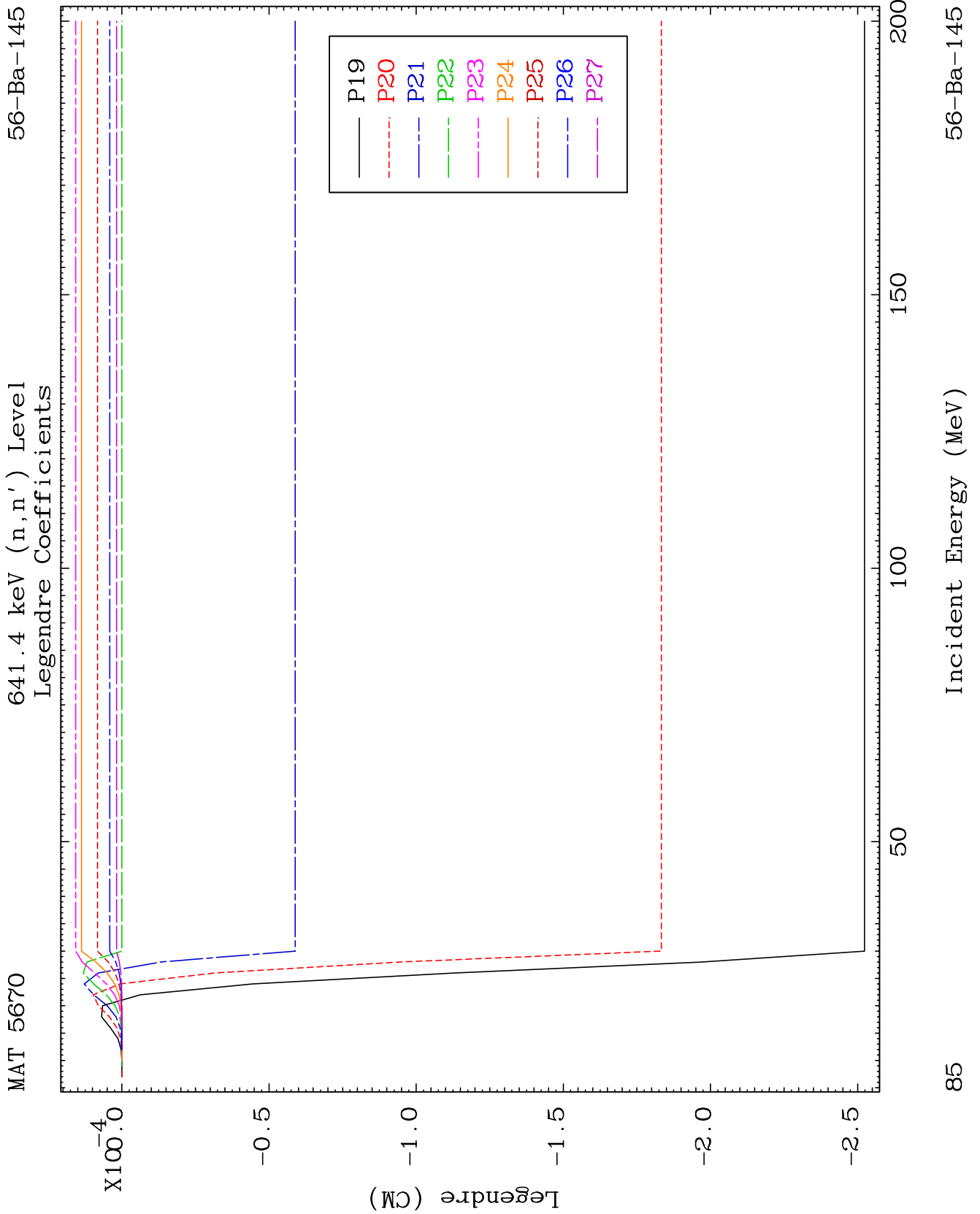
56-Ba-145

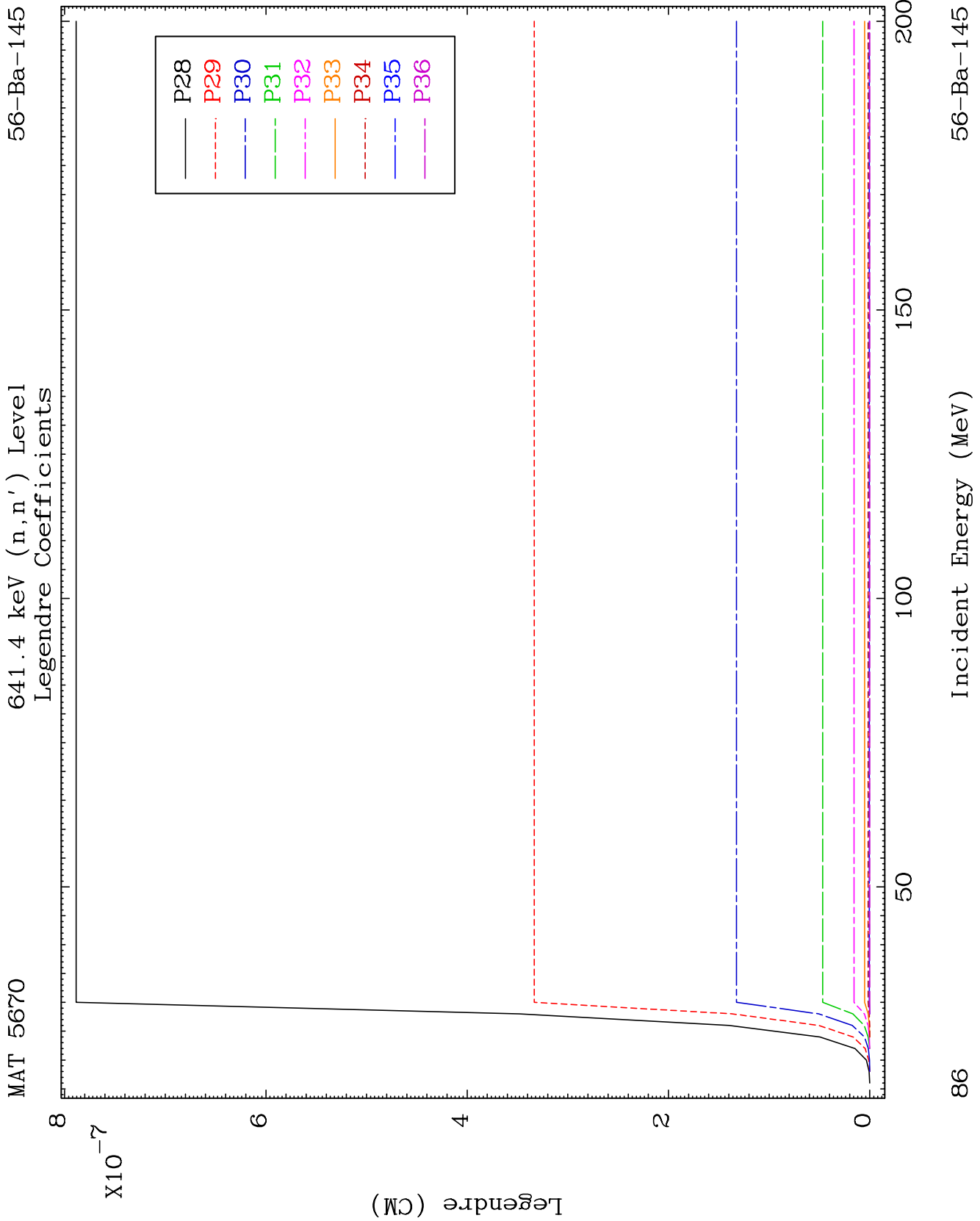


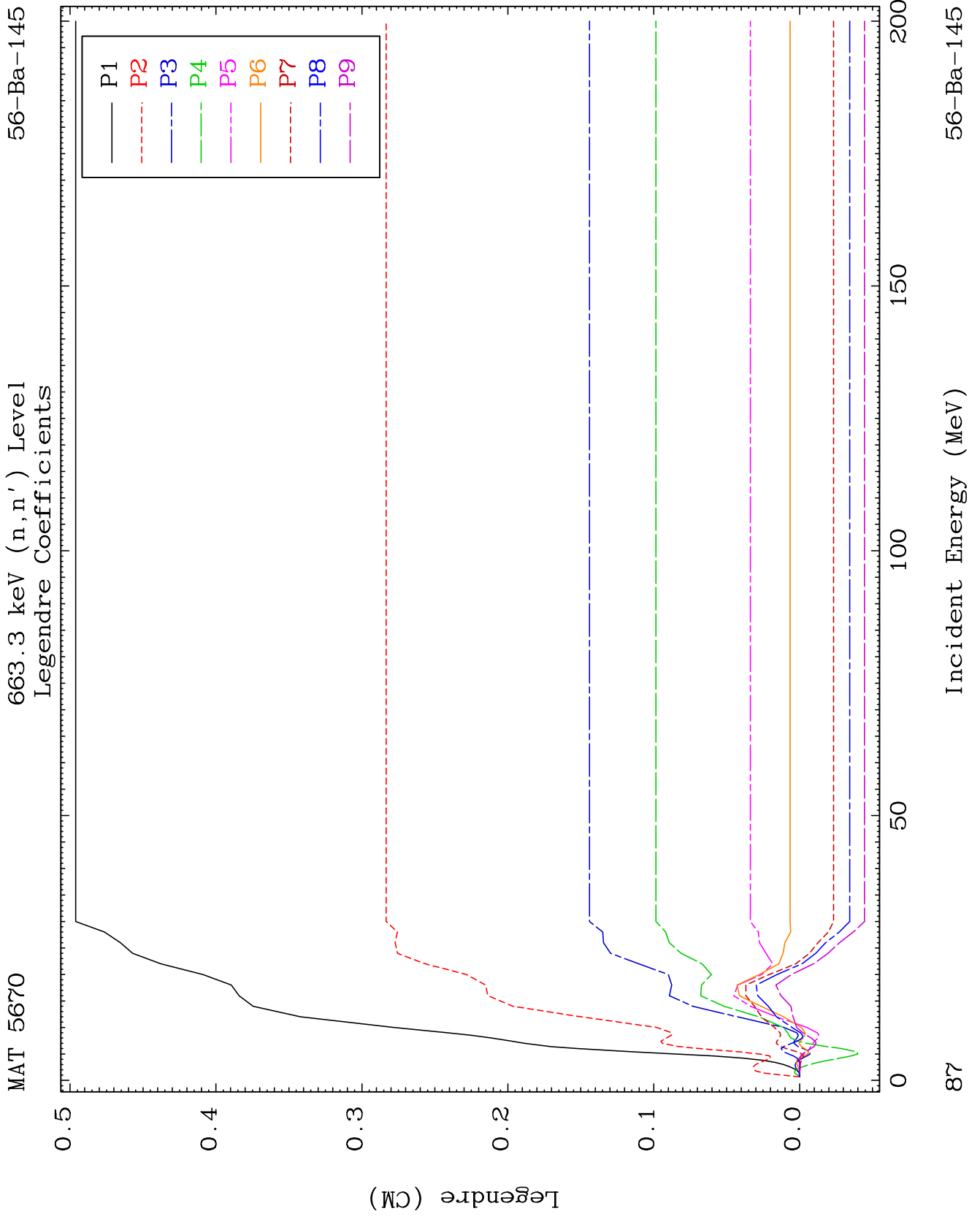




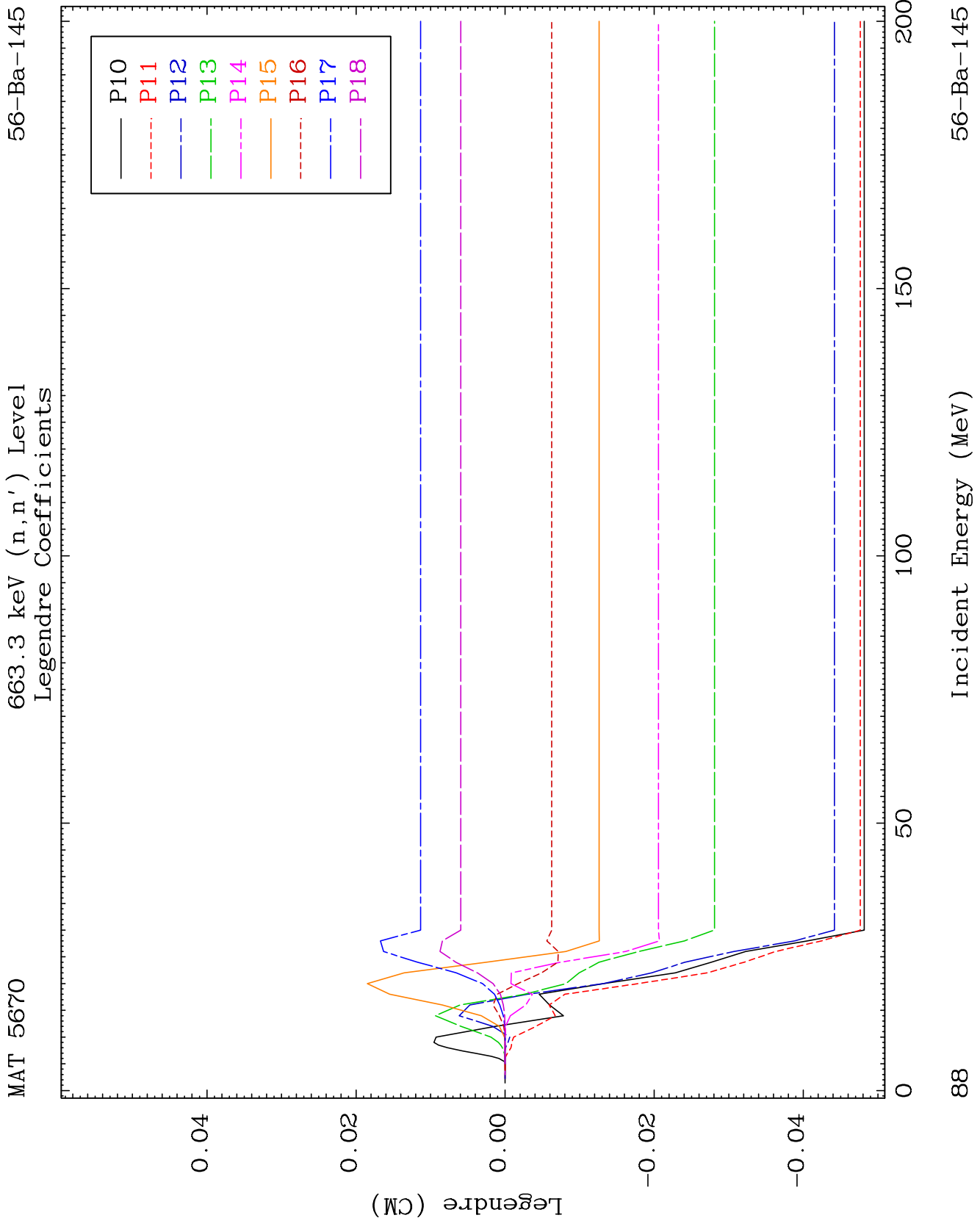








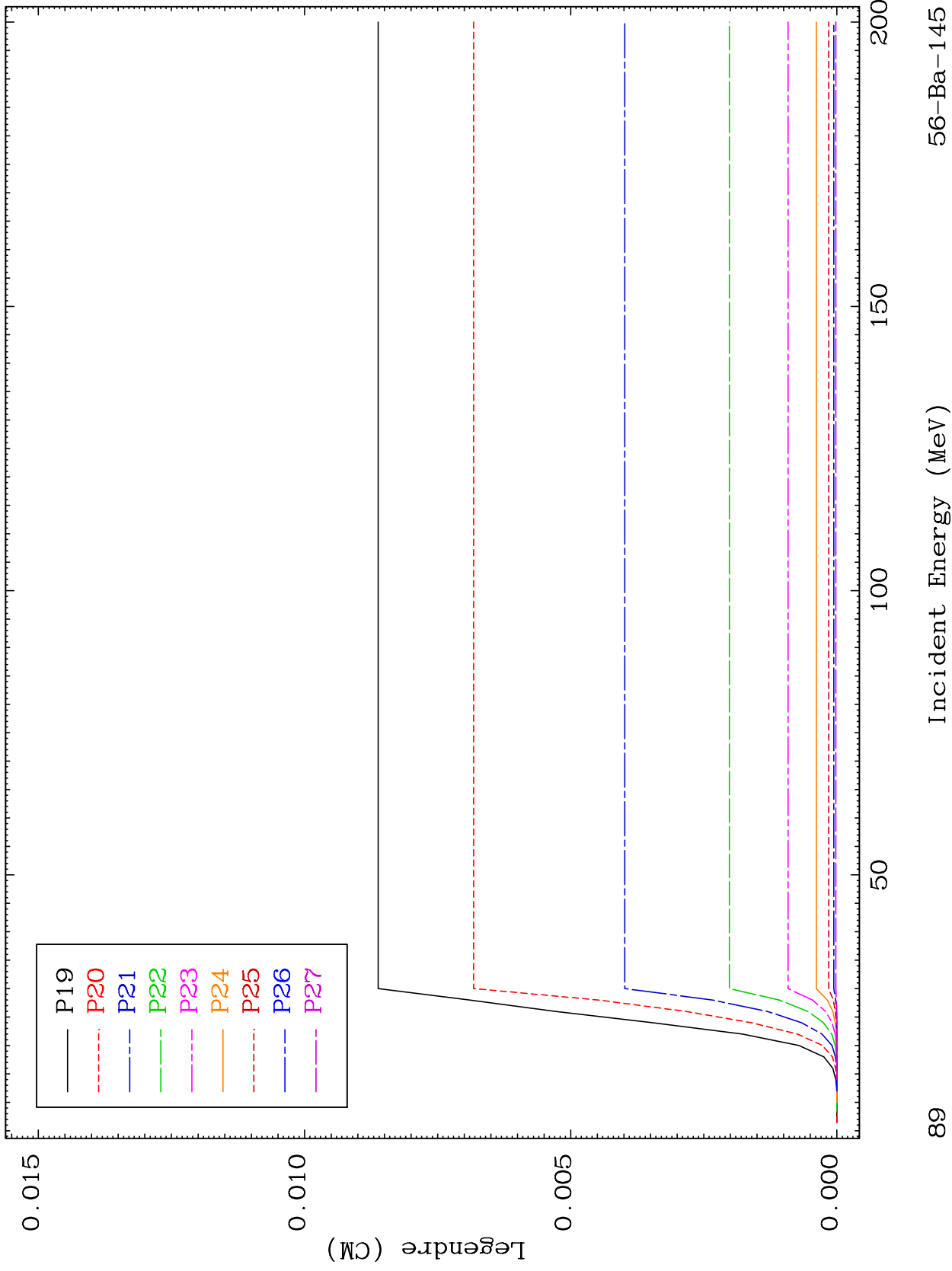




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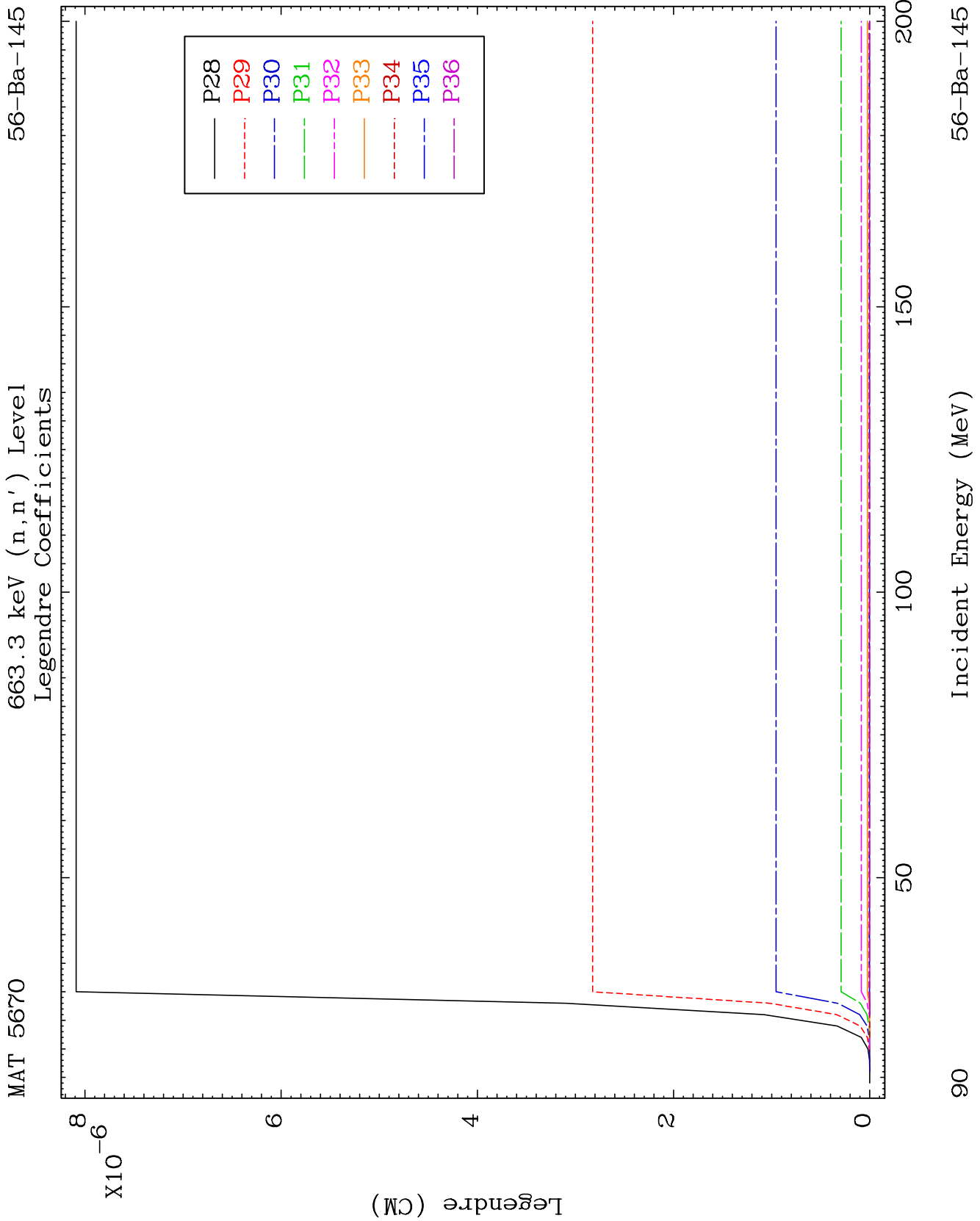
663.3 keV (n,n') Level  
Legendre Coefficients

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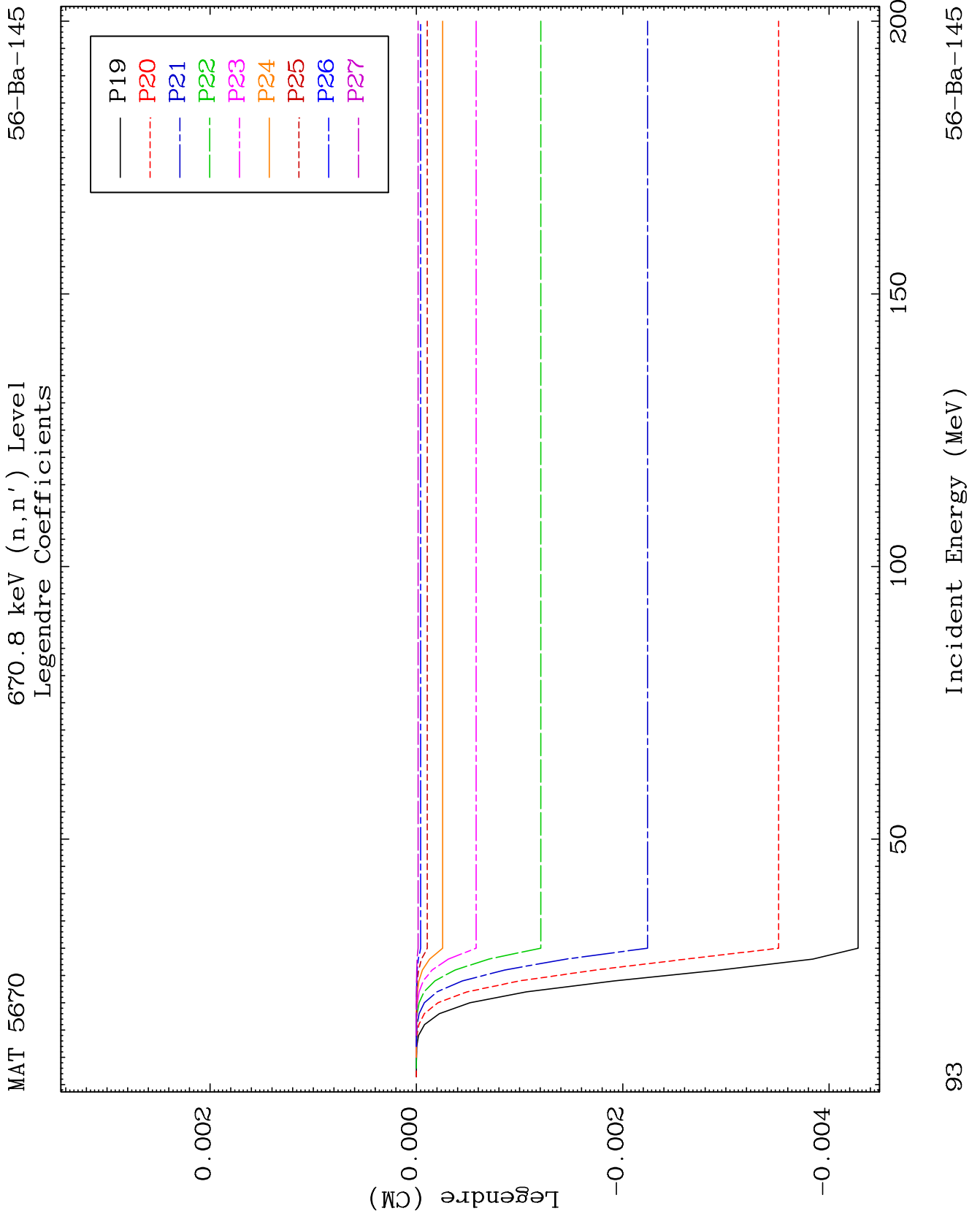
89

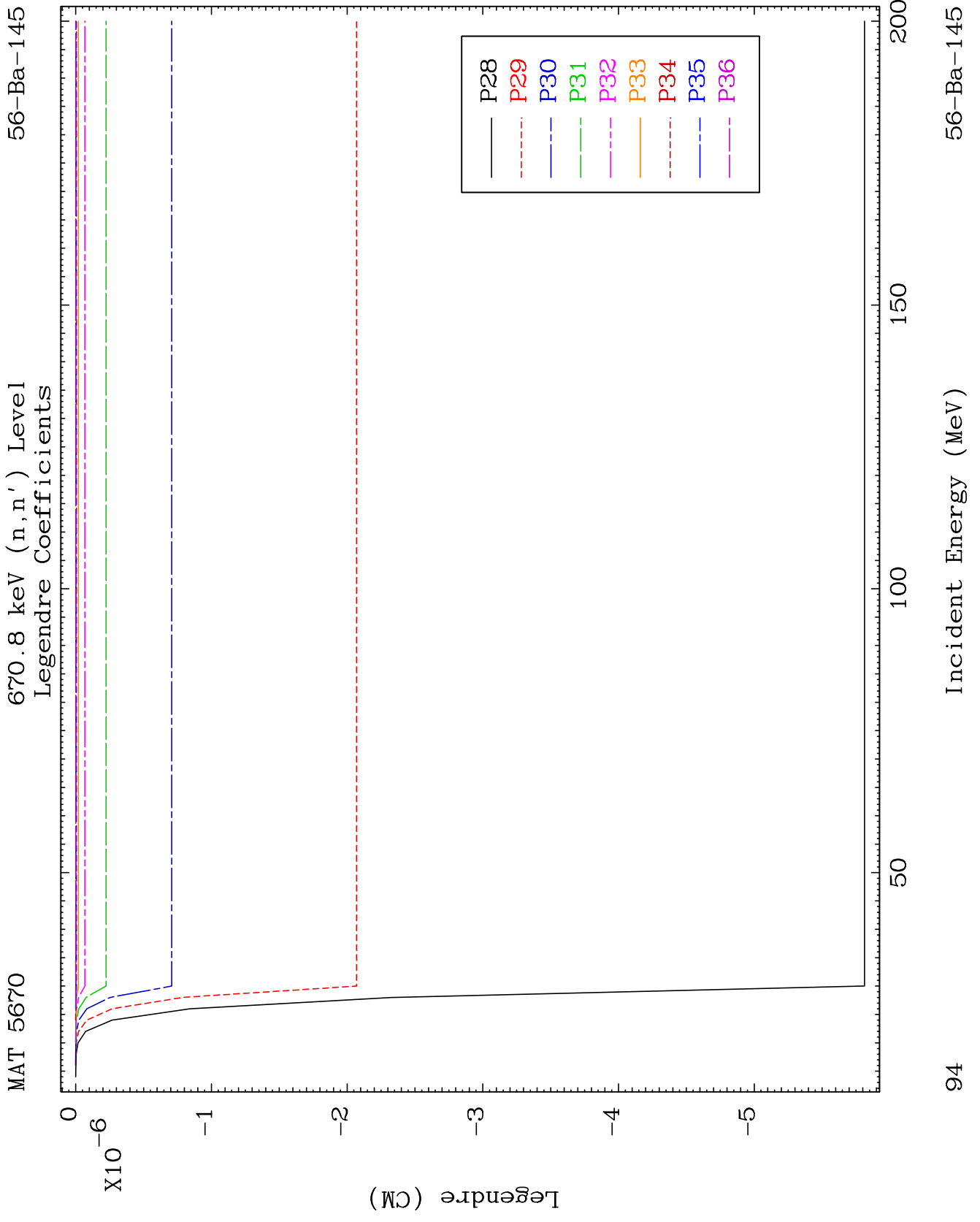
56-Ba-145

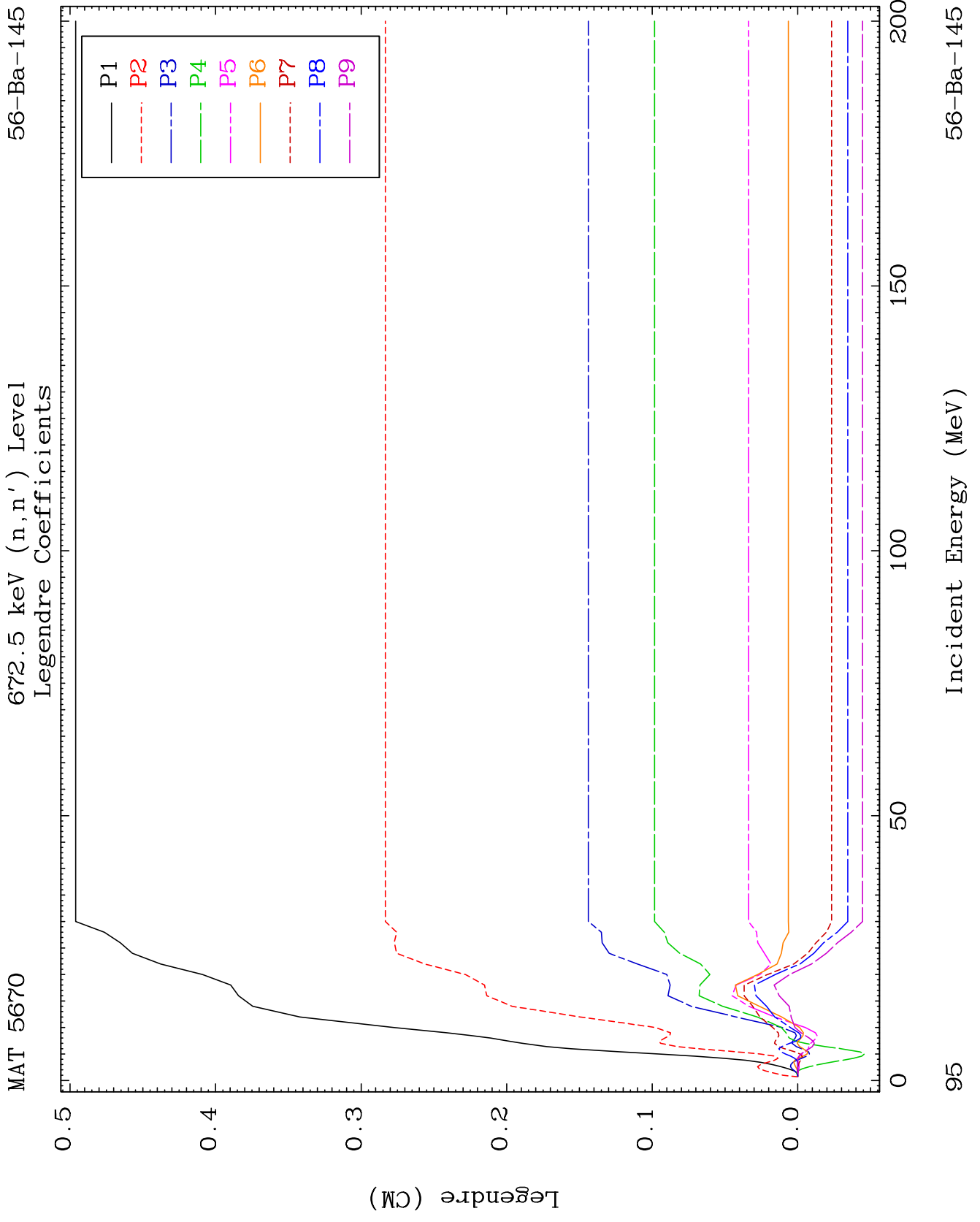




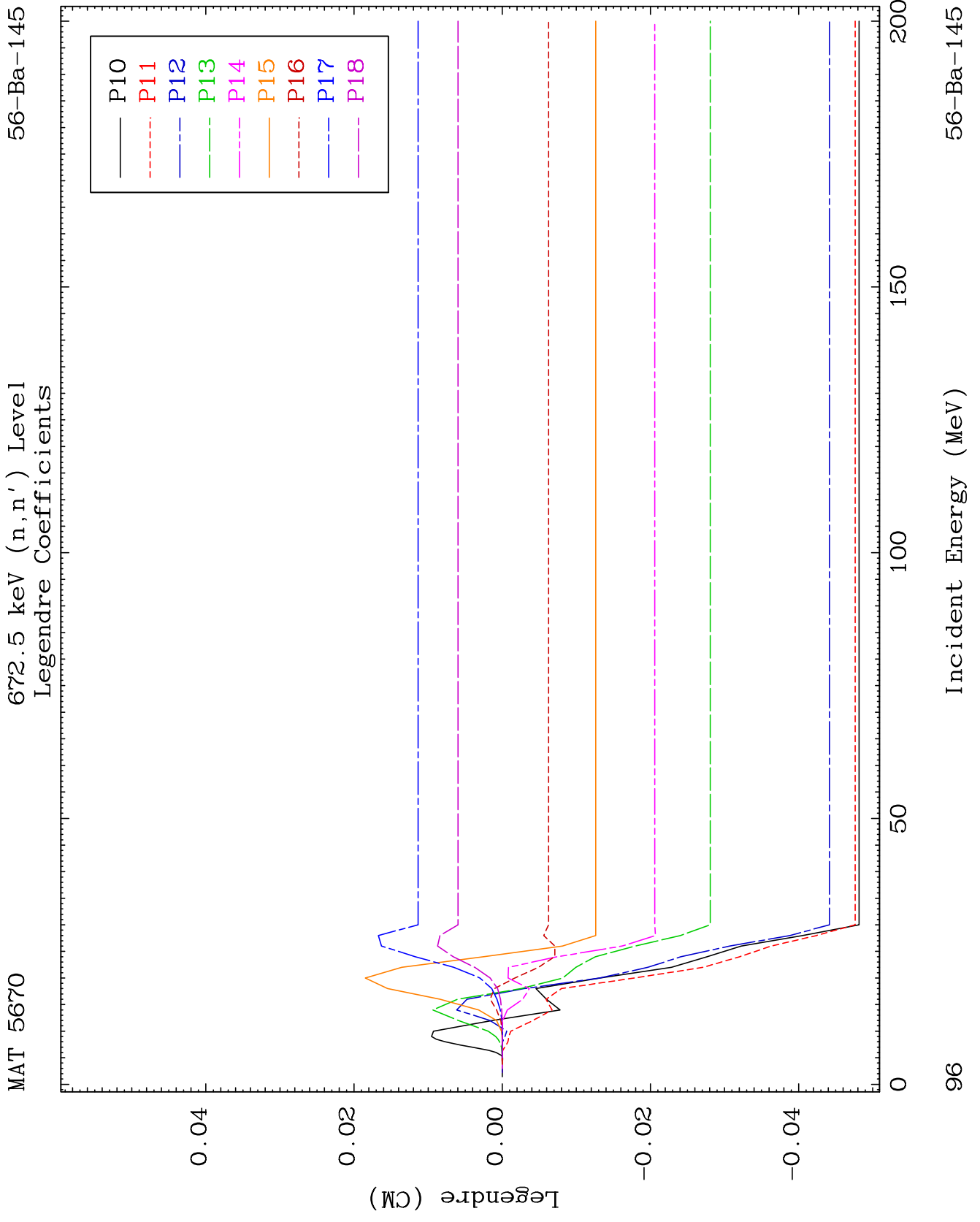




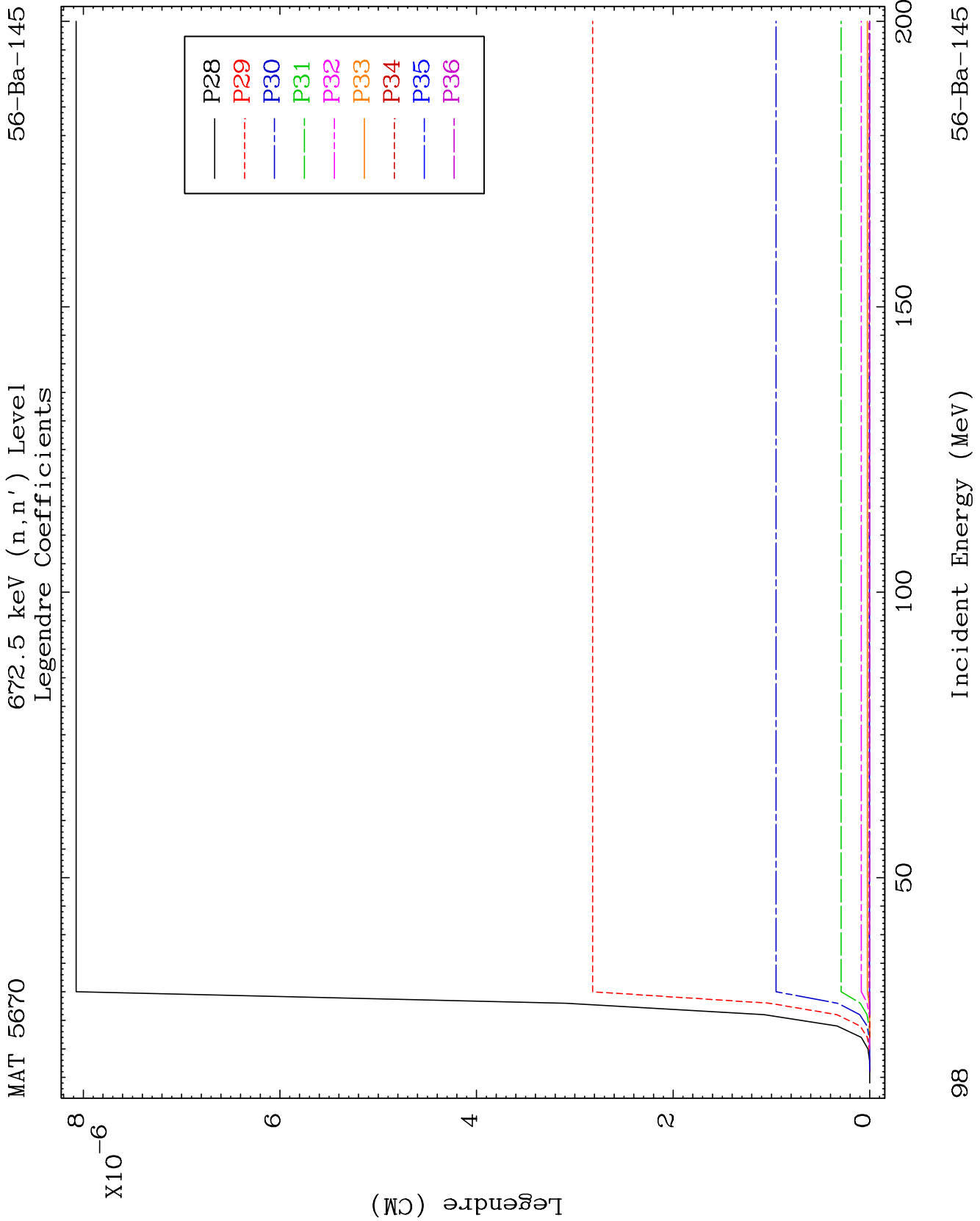


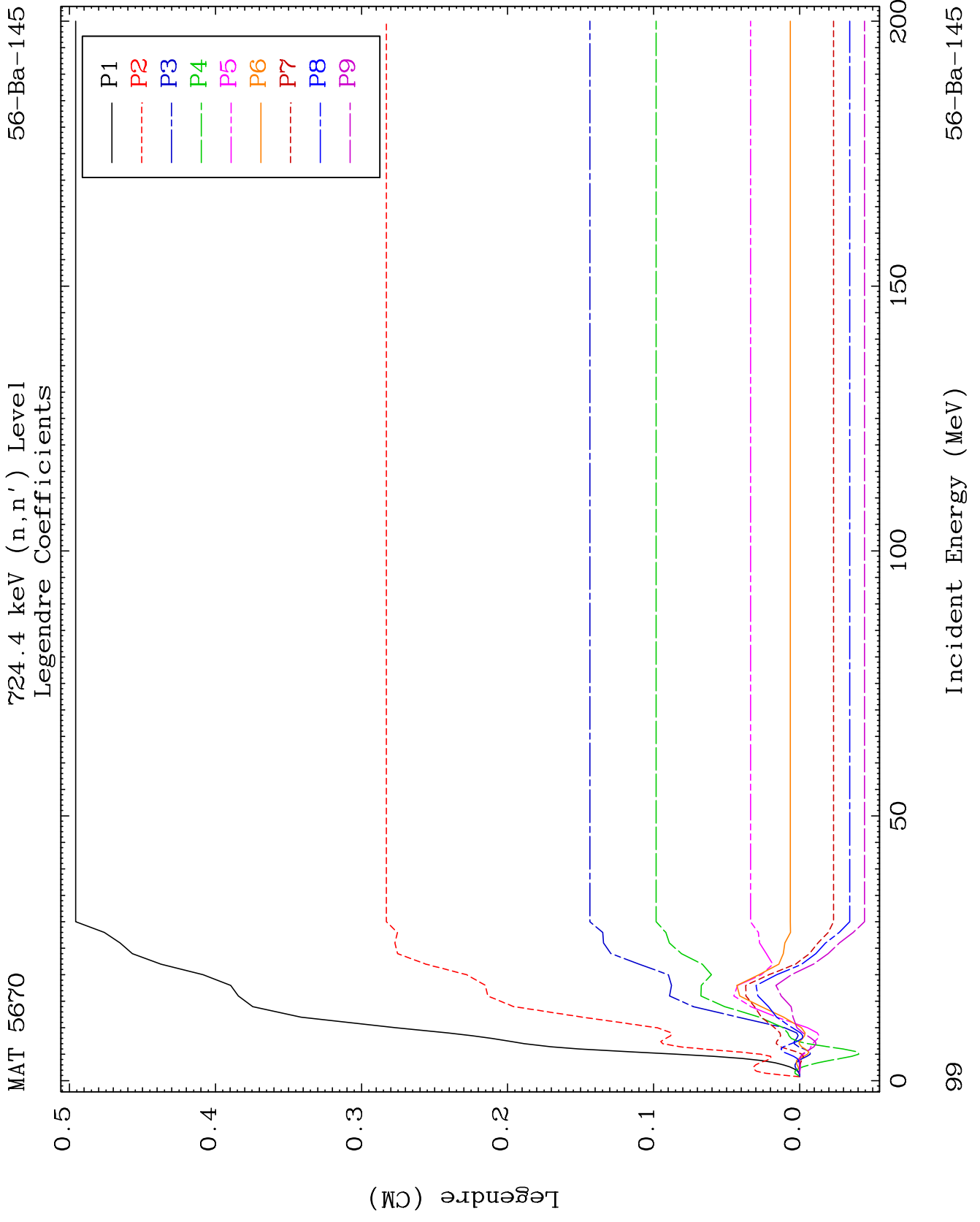


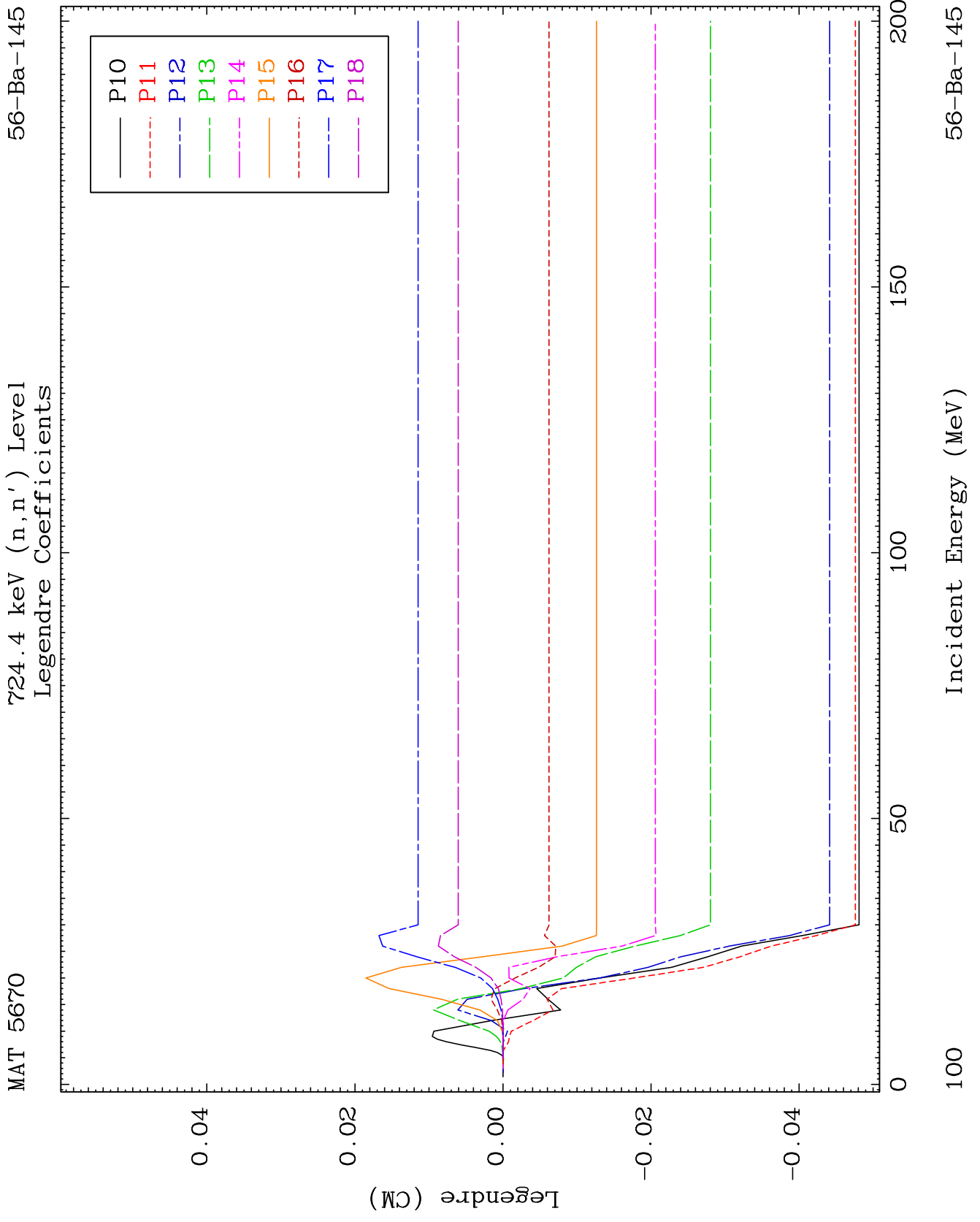








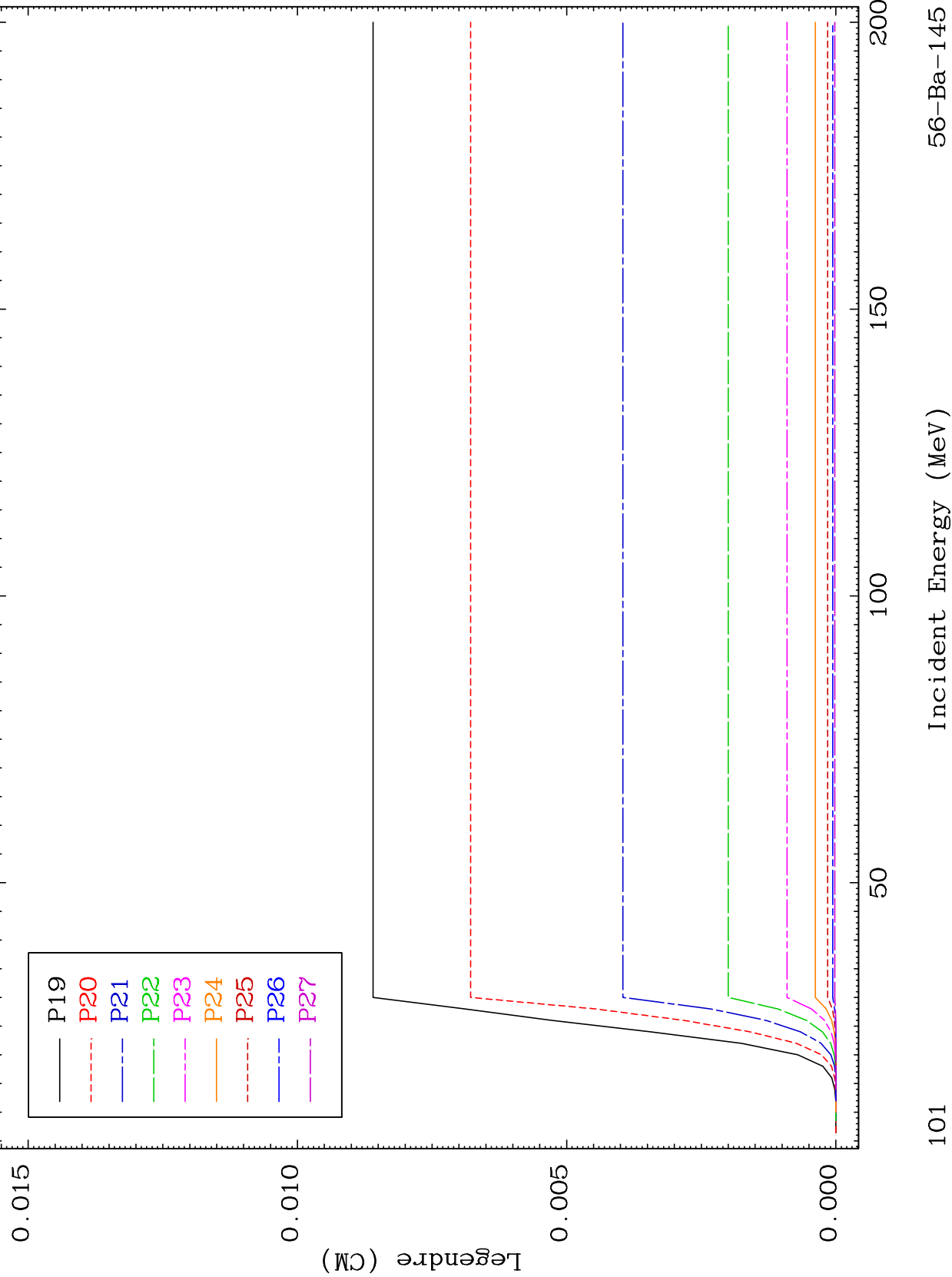




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724.4 keV (n,n') Level  
Legendre Coefficients

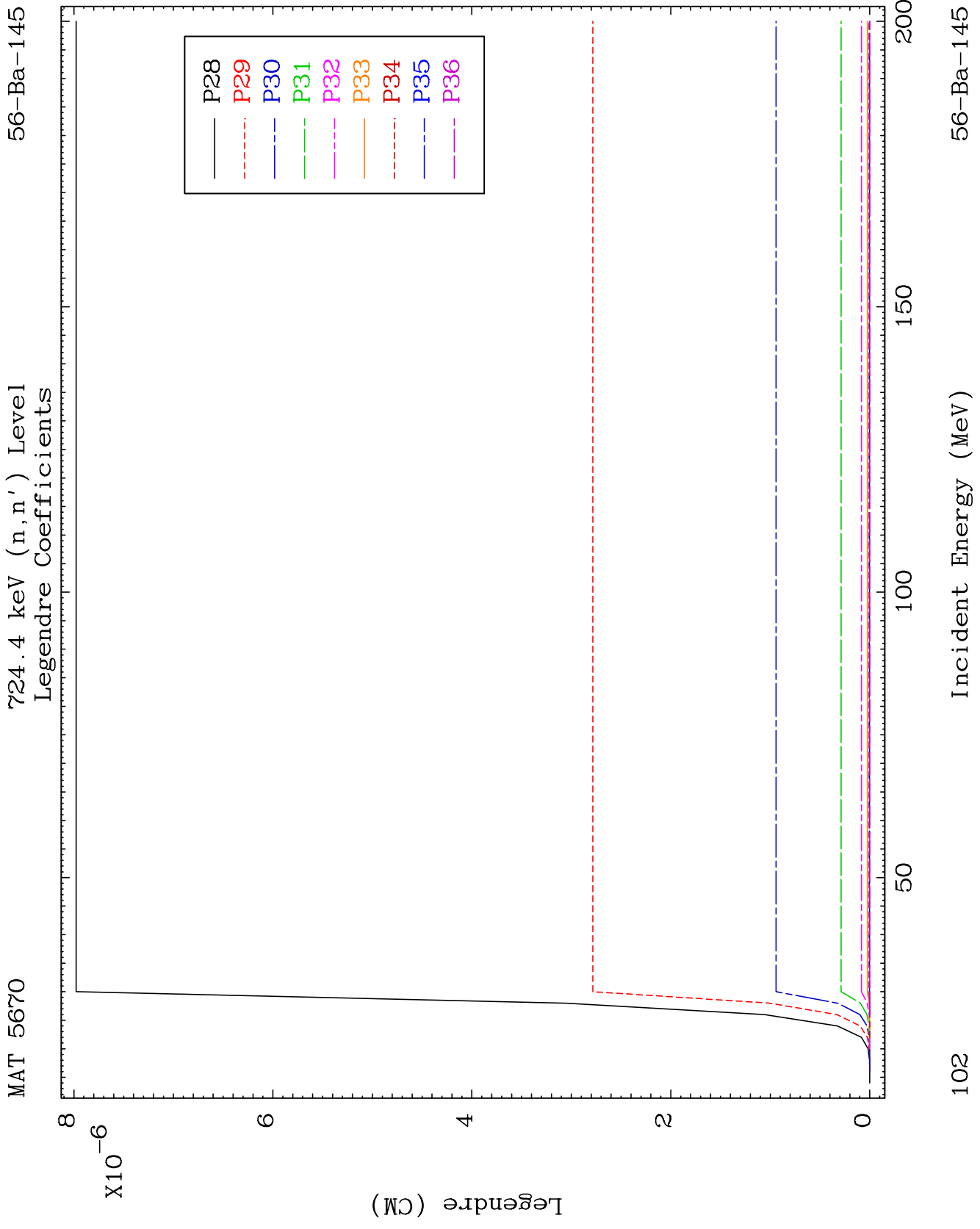
56-Ba-145

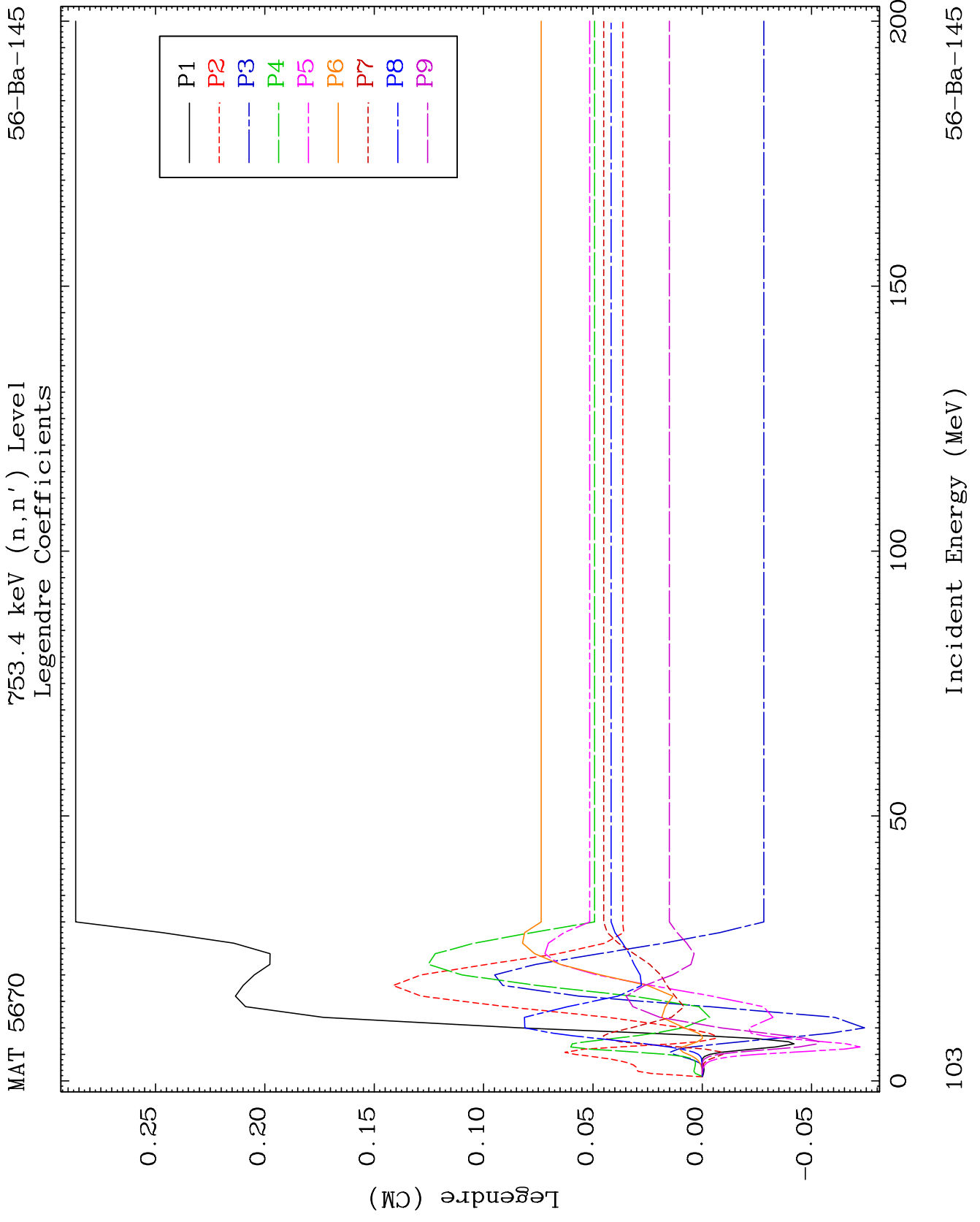


101

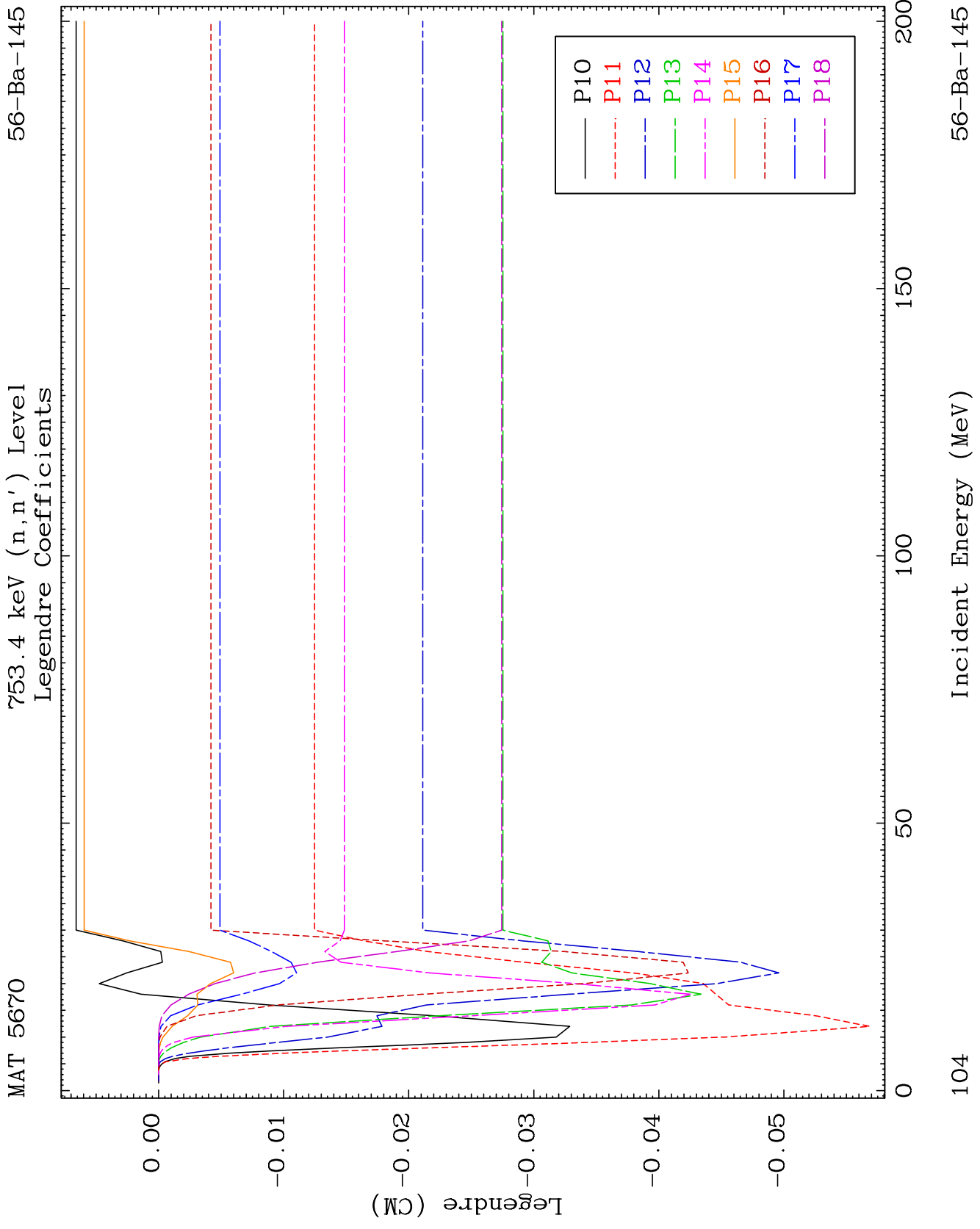
Incident Energy (MeV)

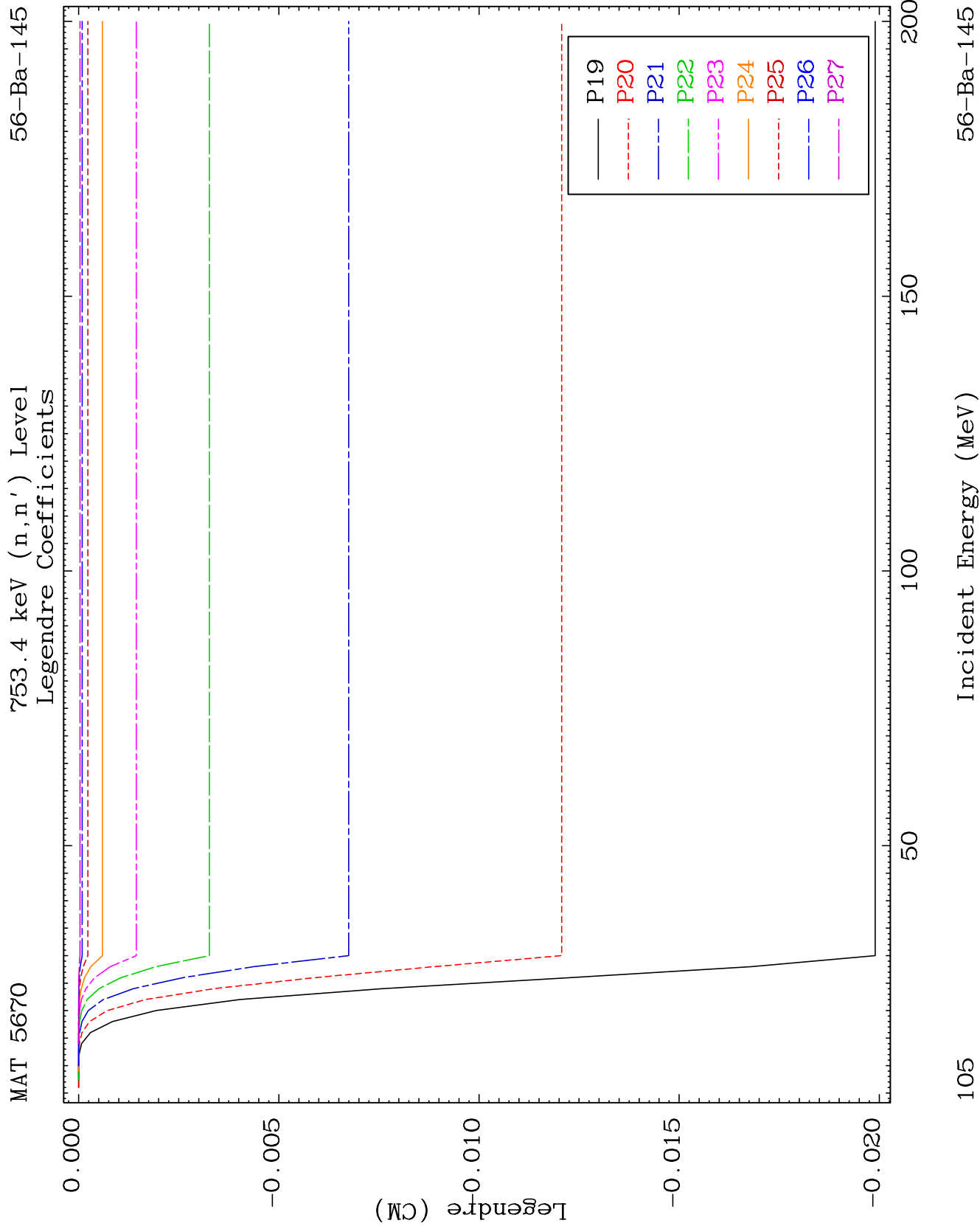
56-Ba-145

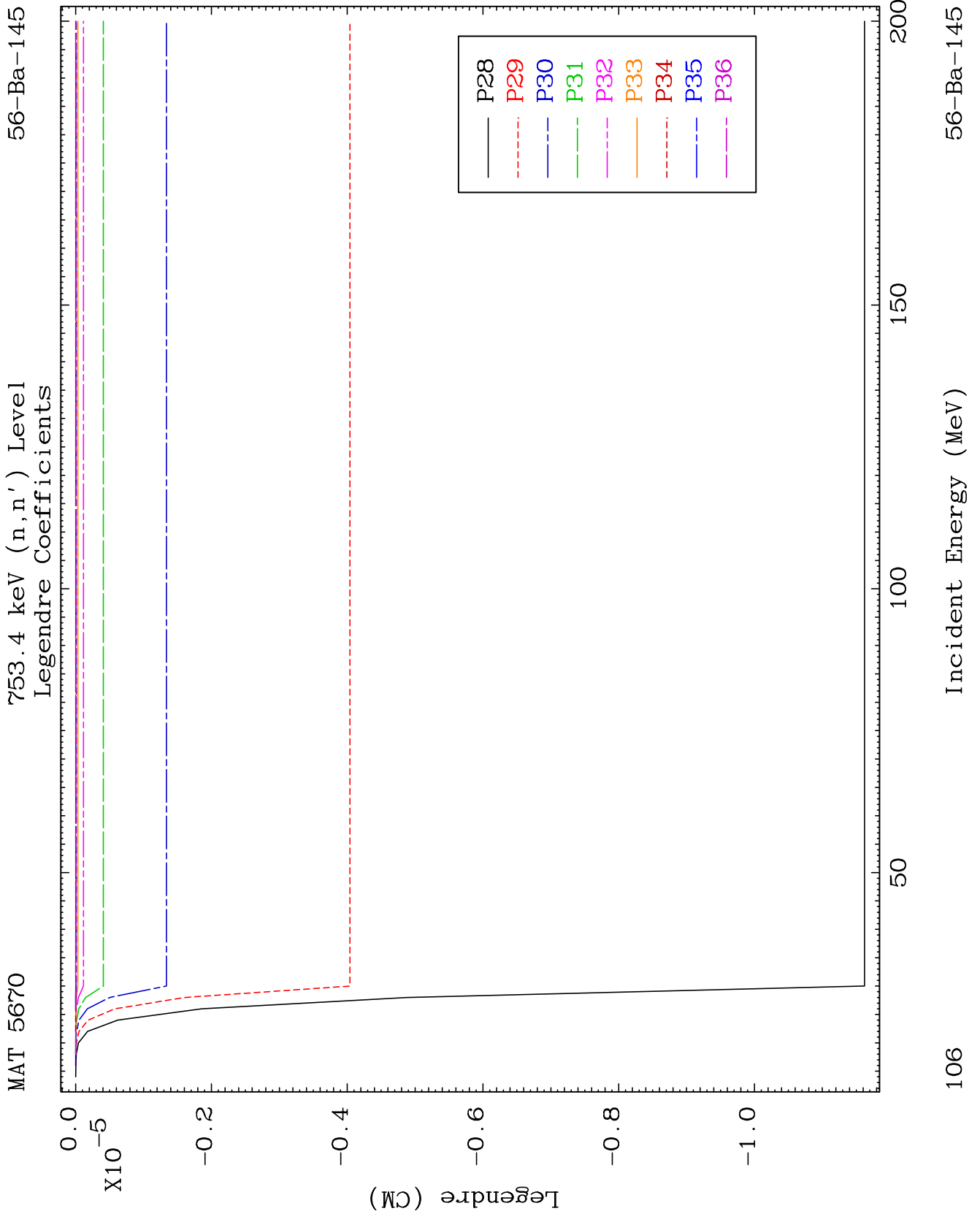


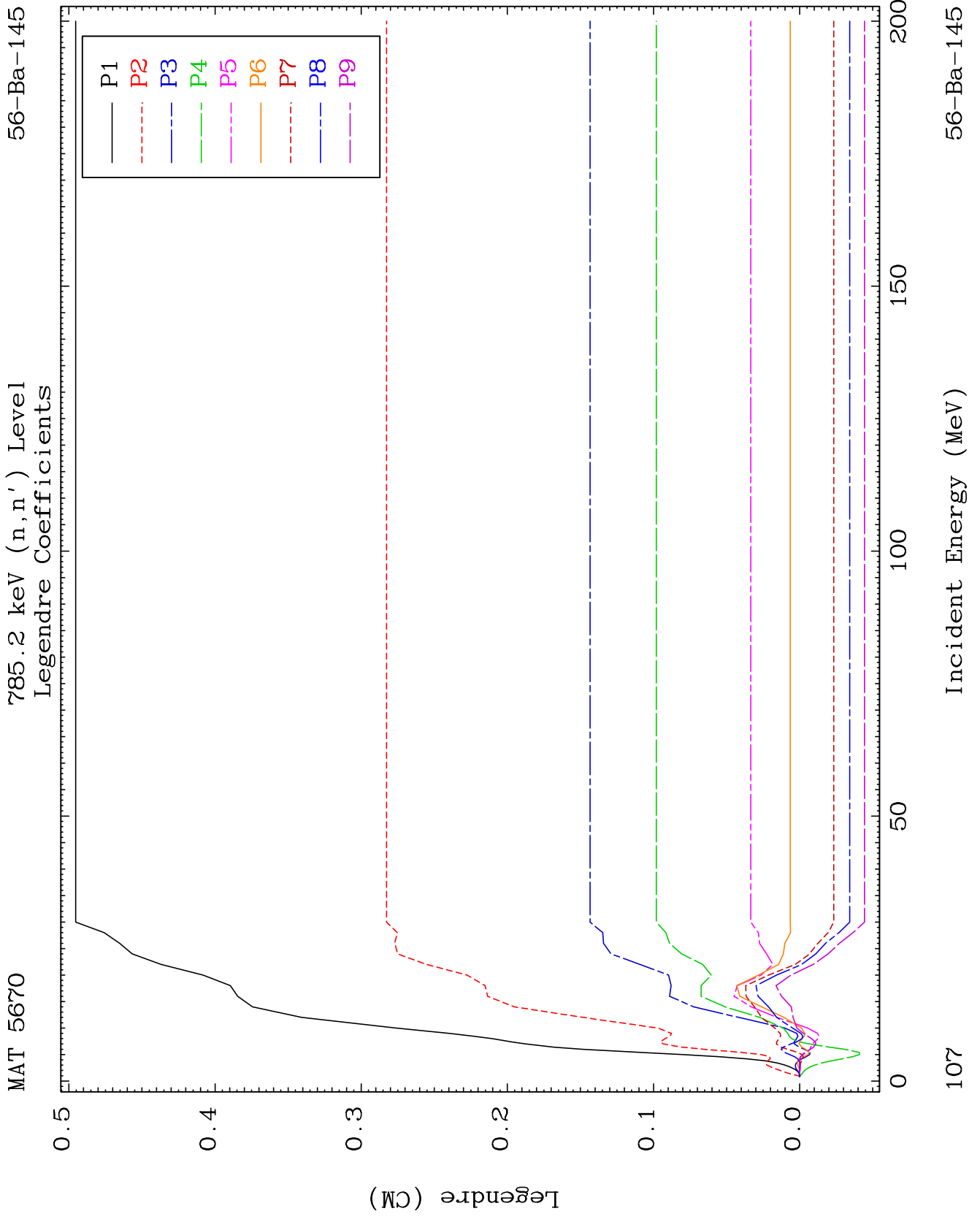


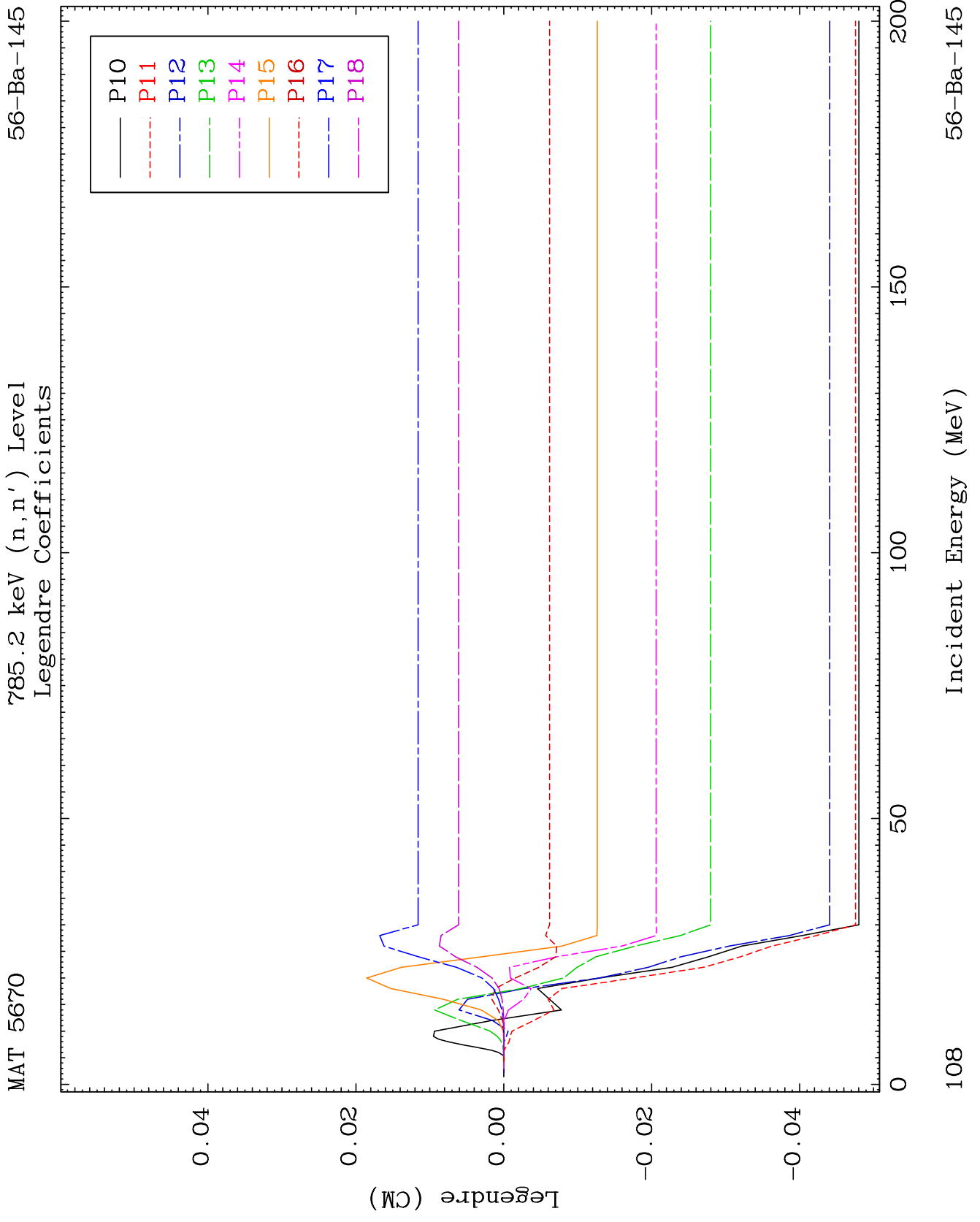


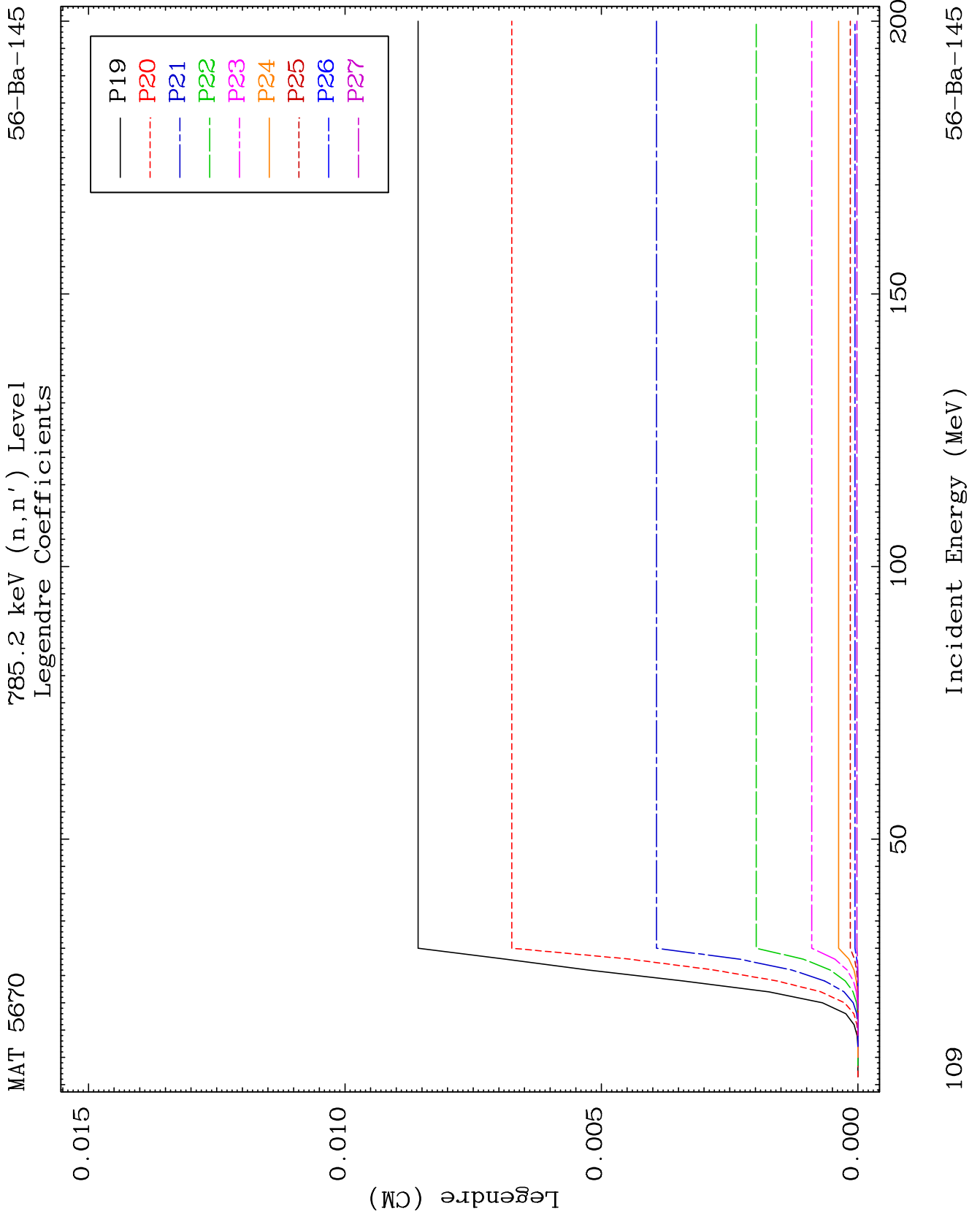


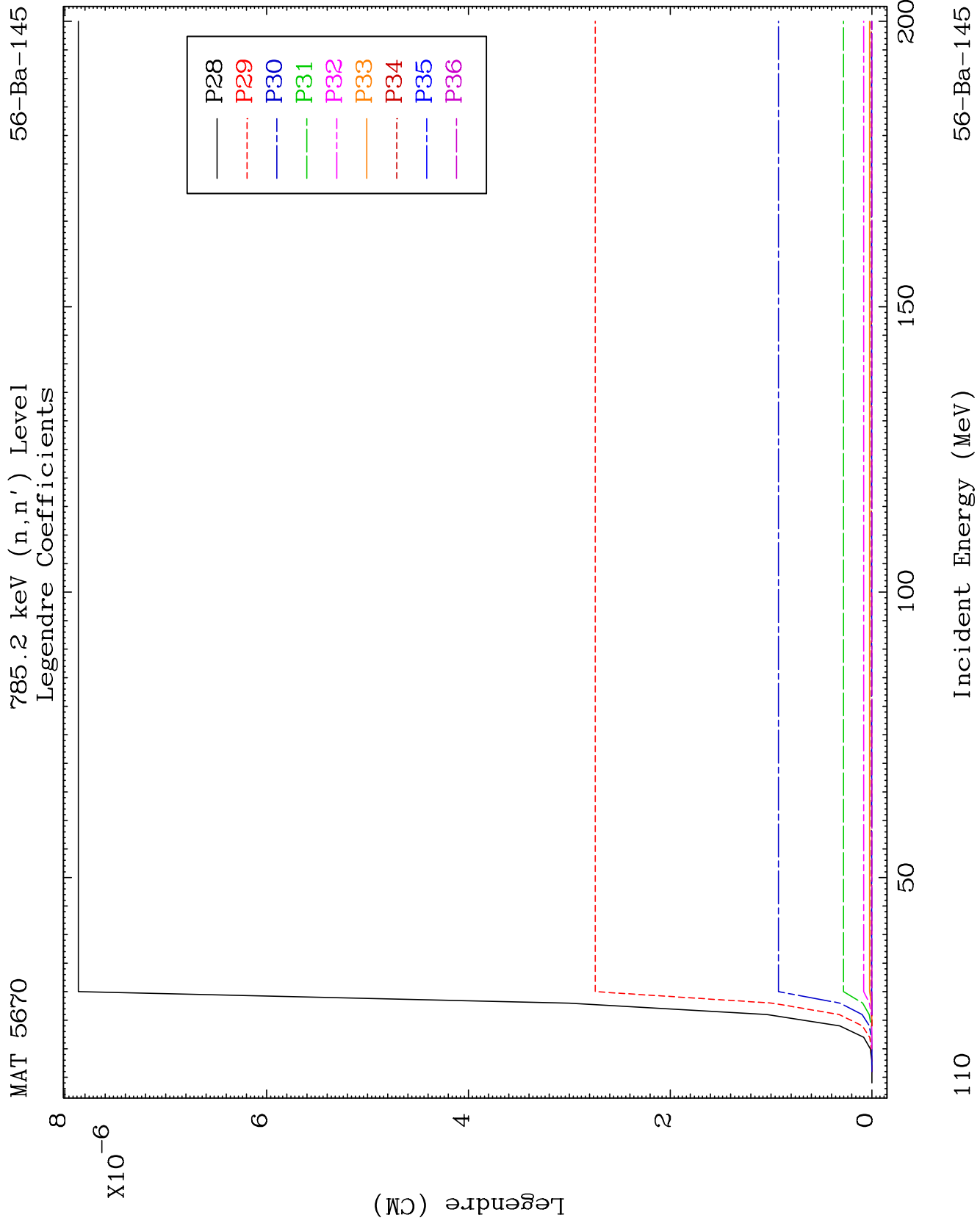


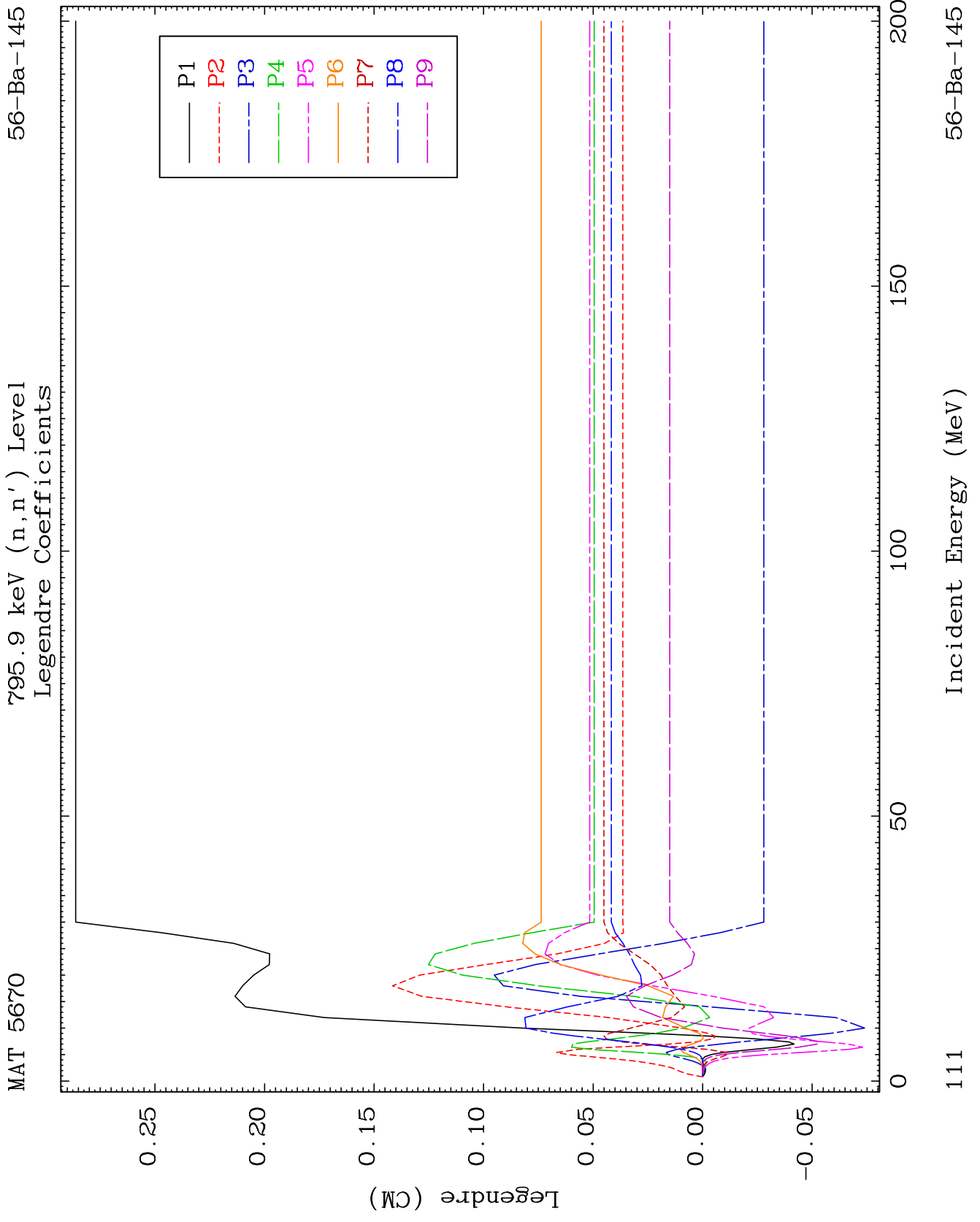




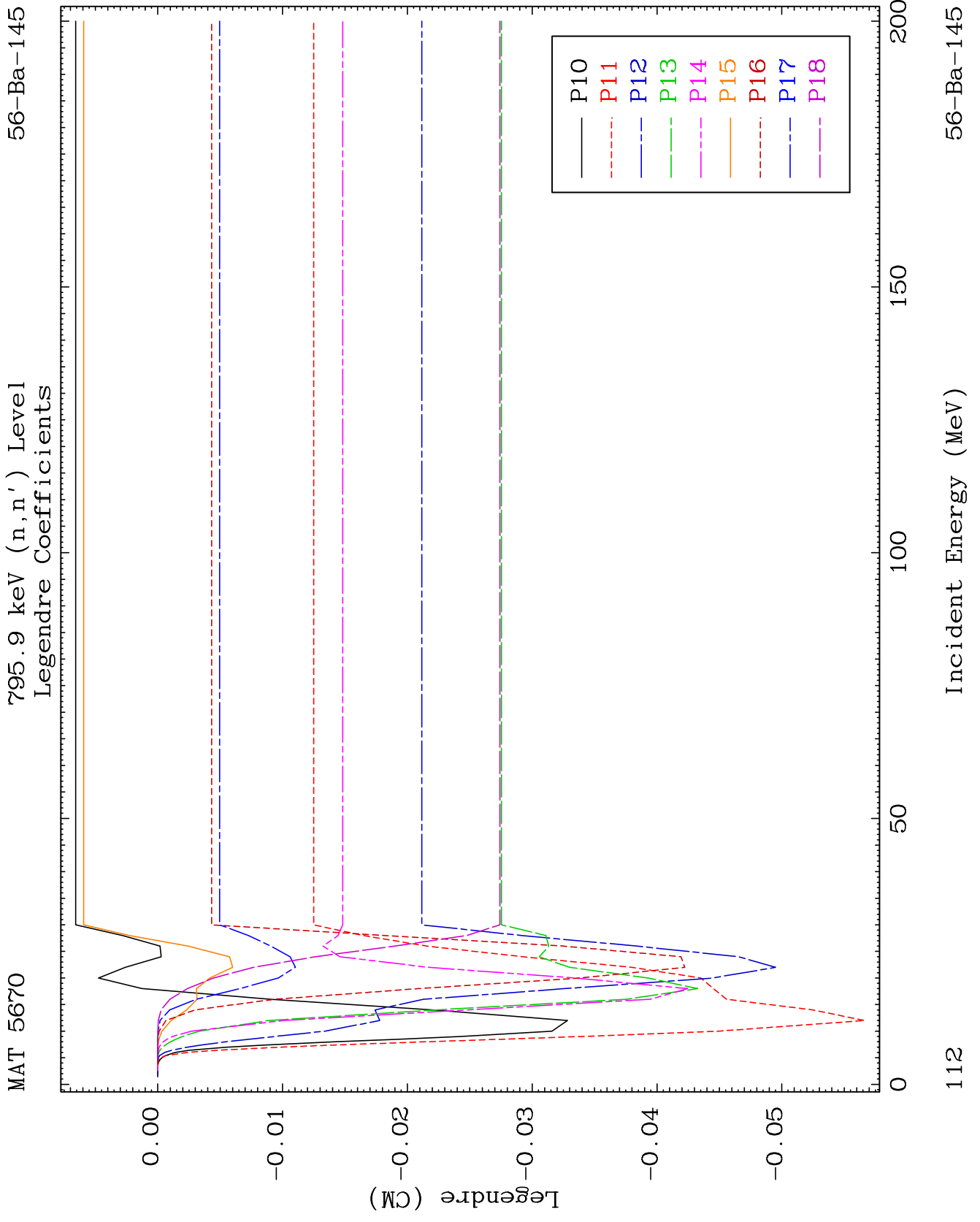




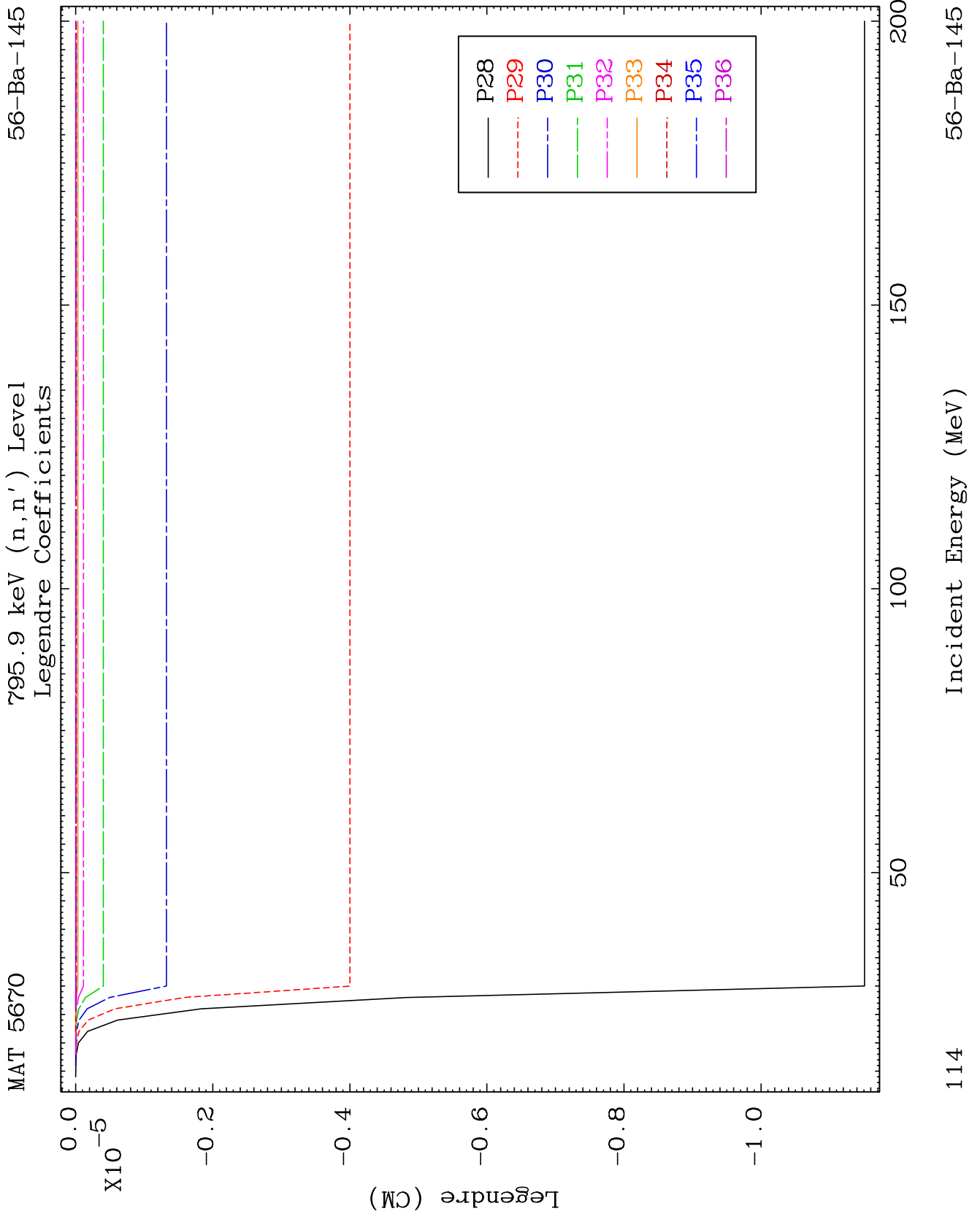


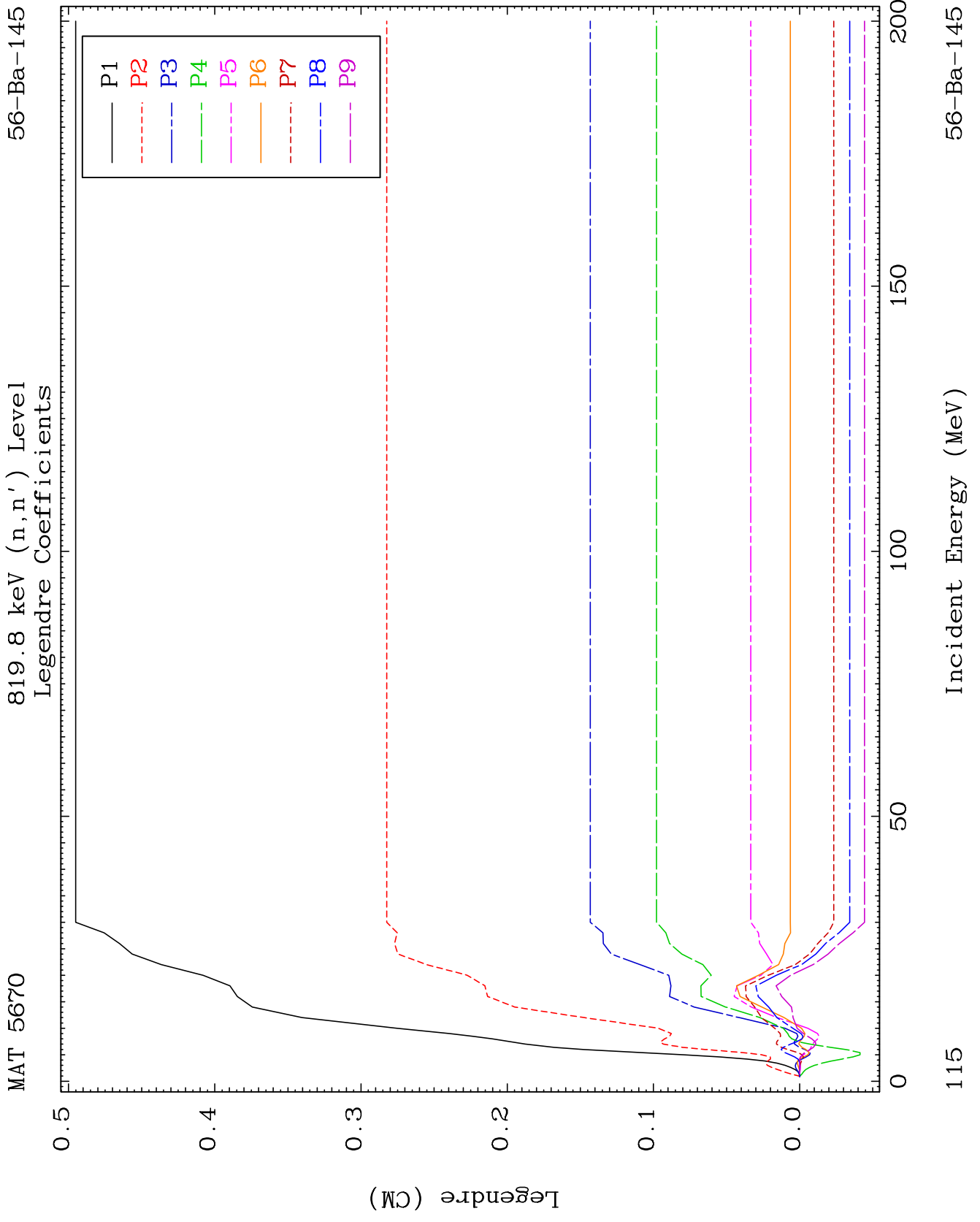




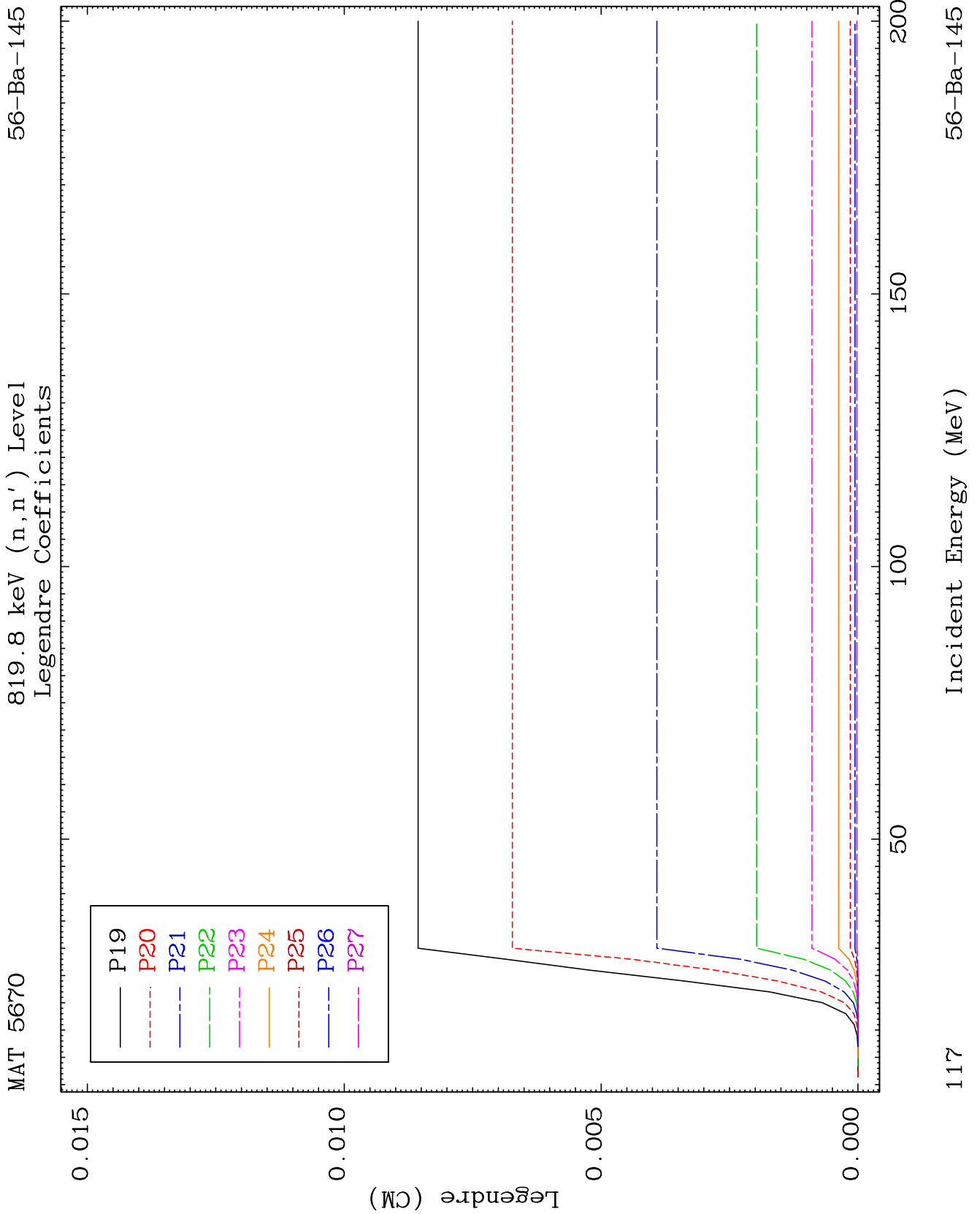


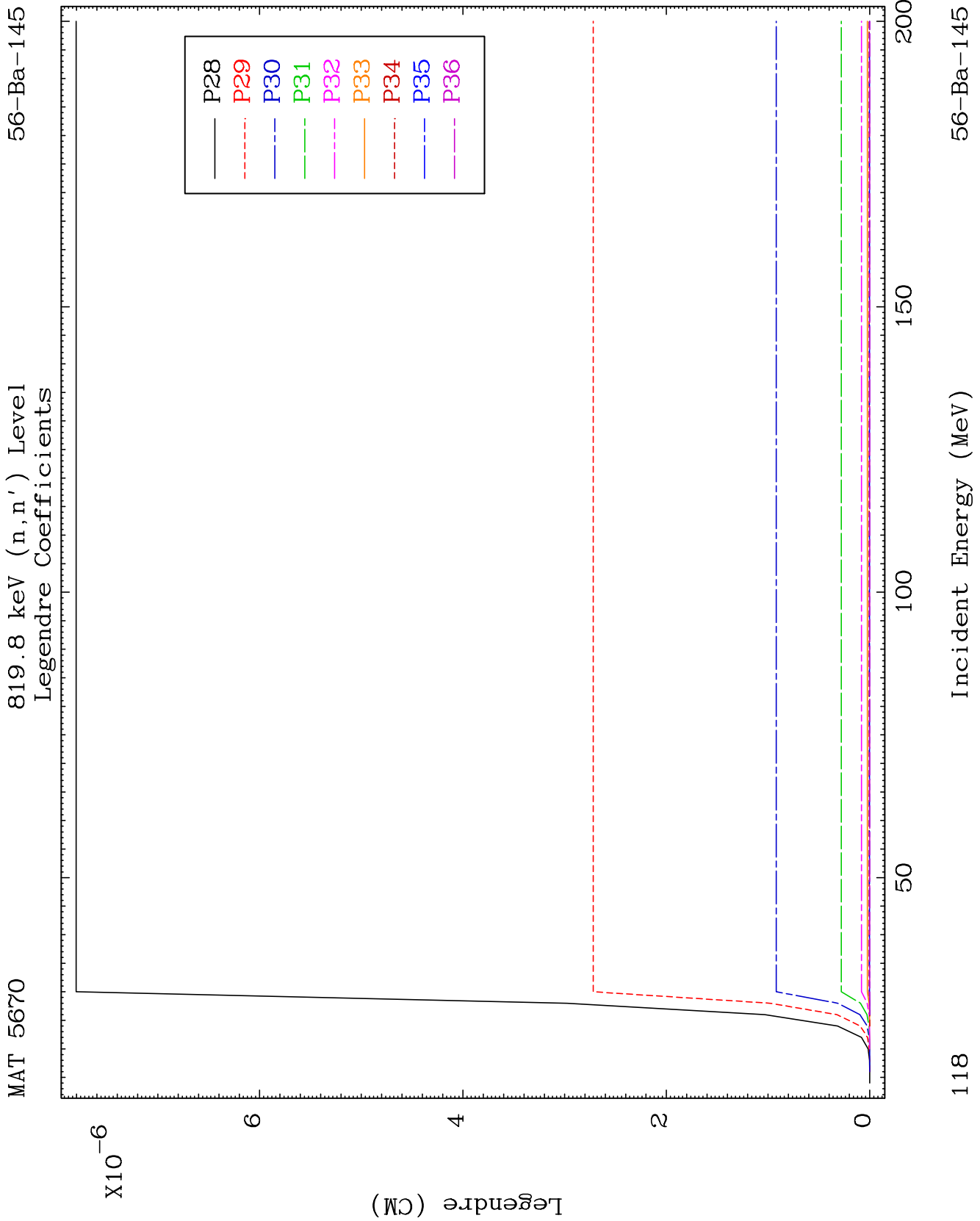


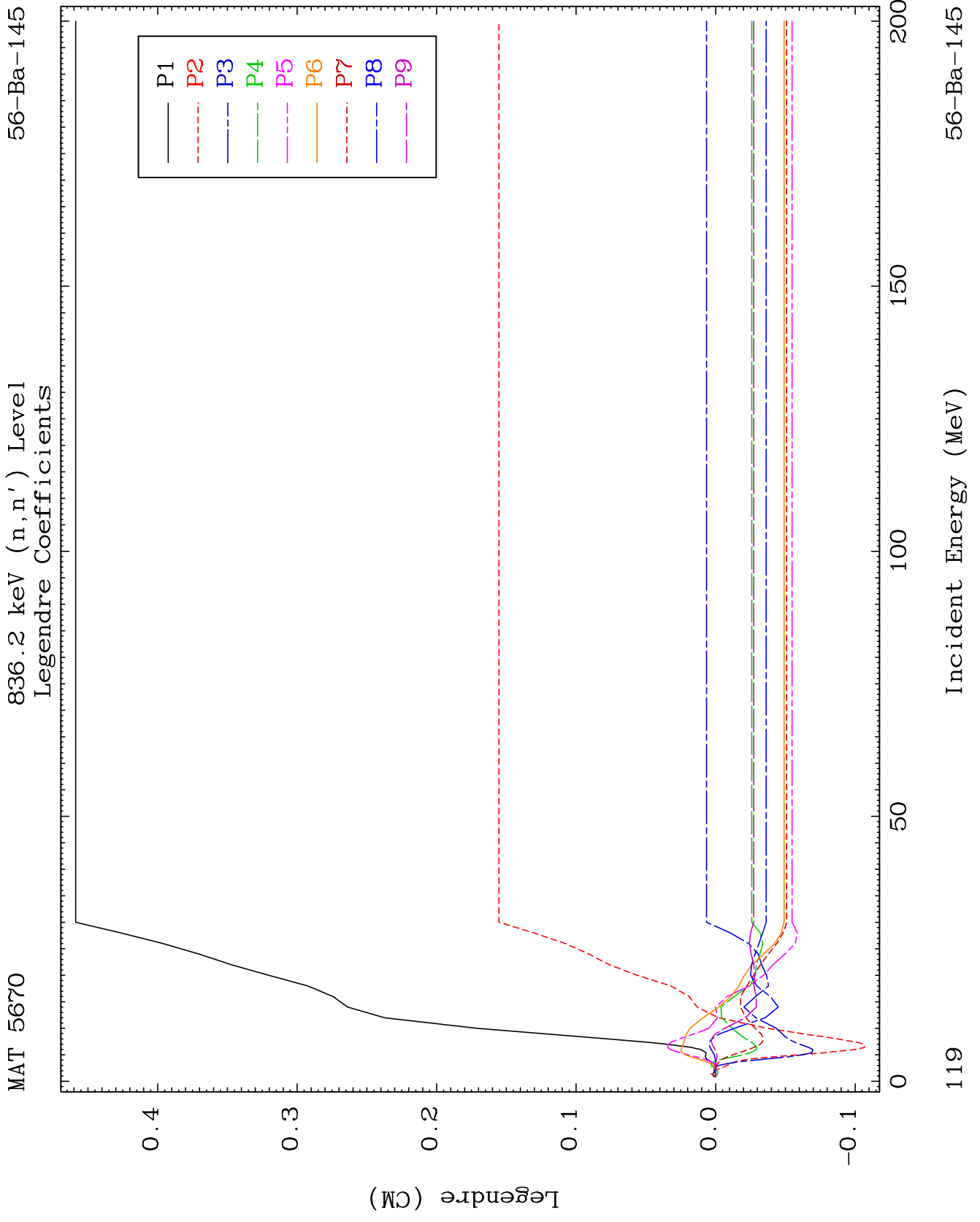










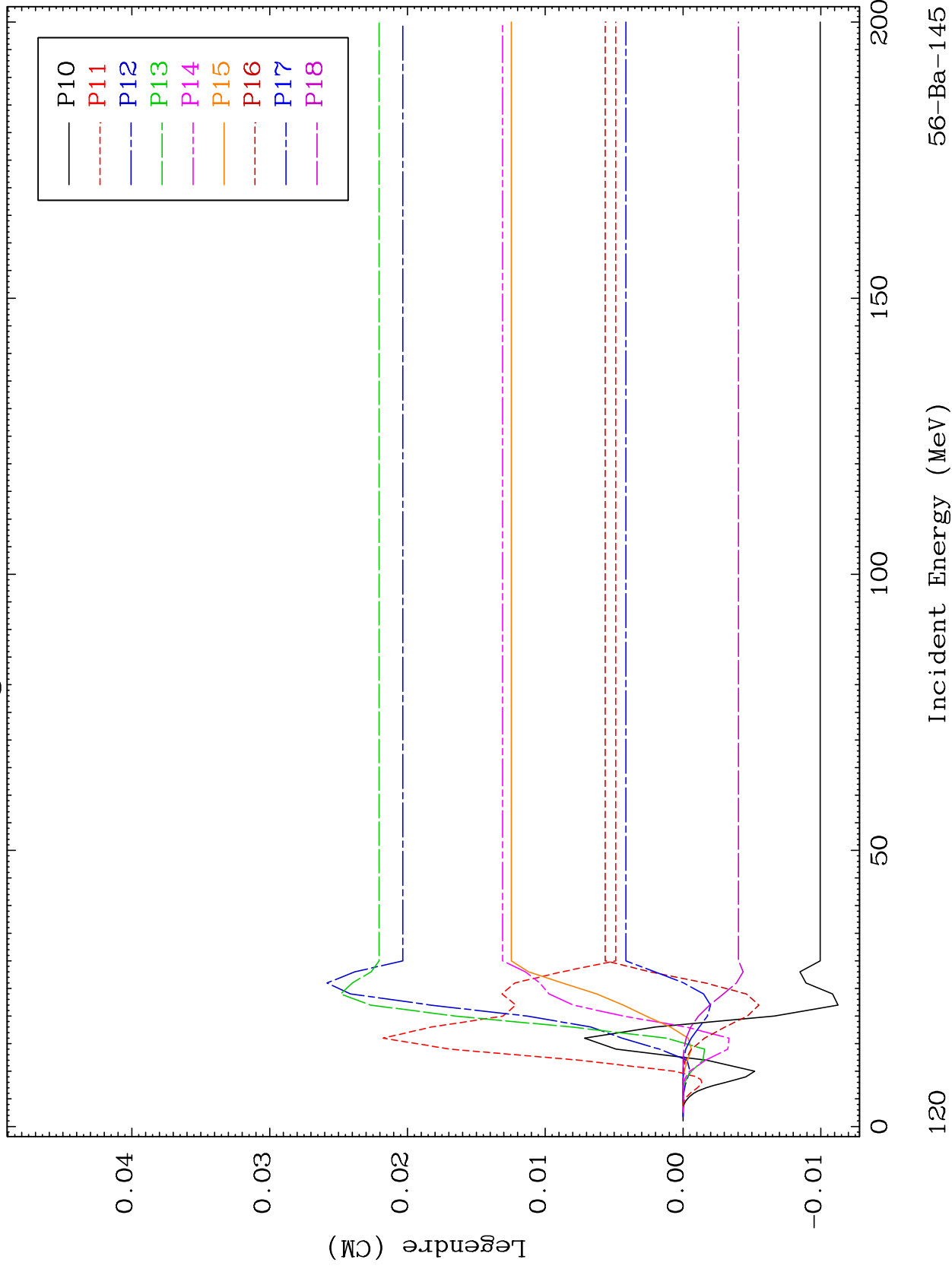




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836.2 keV (n,n') Level  
Legendre Coefficients

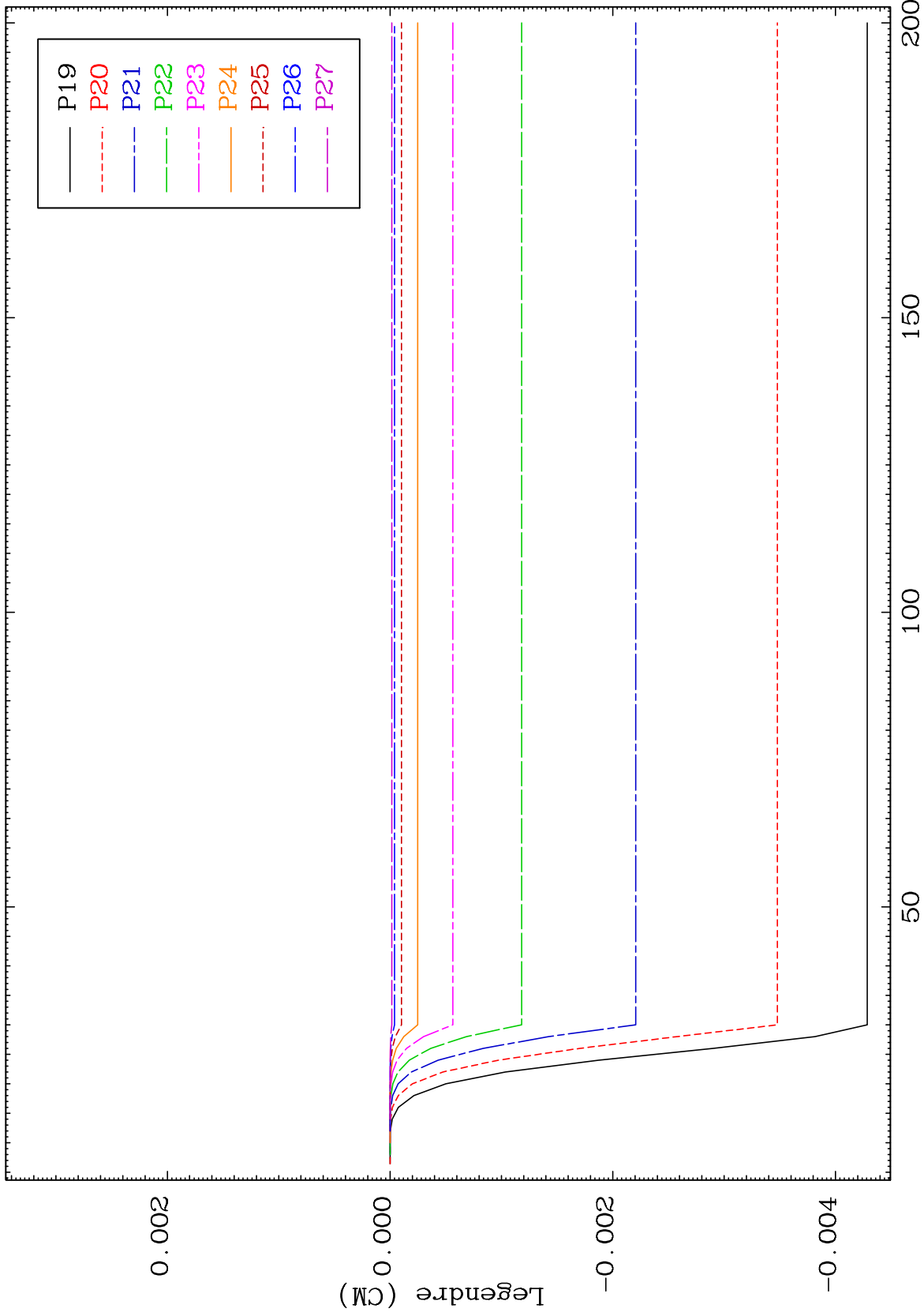
56-Ba-145



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836.2 keV (n,n') Level  
Legendre Coefficients

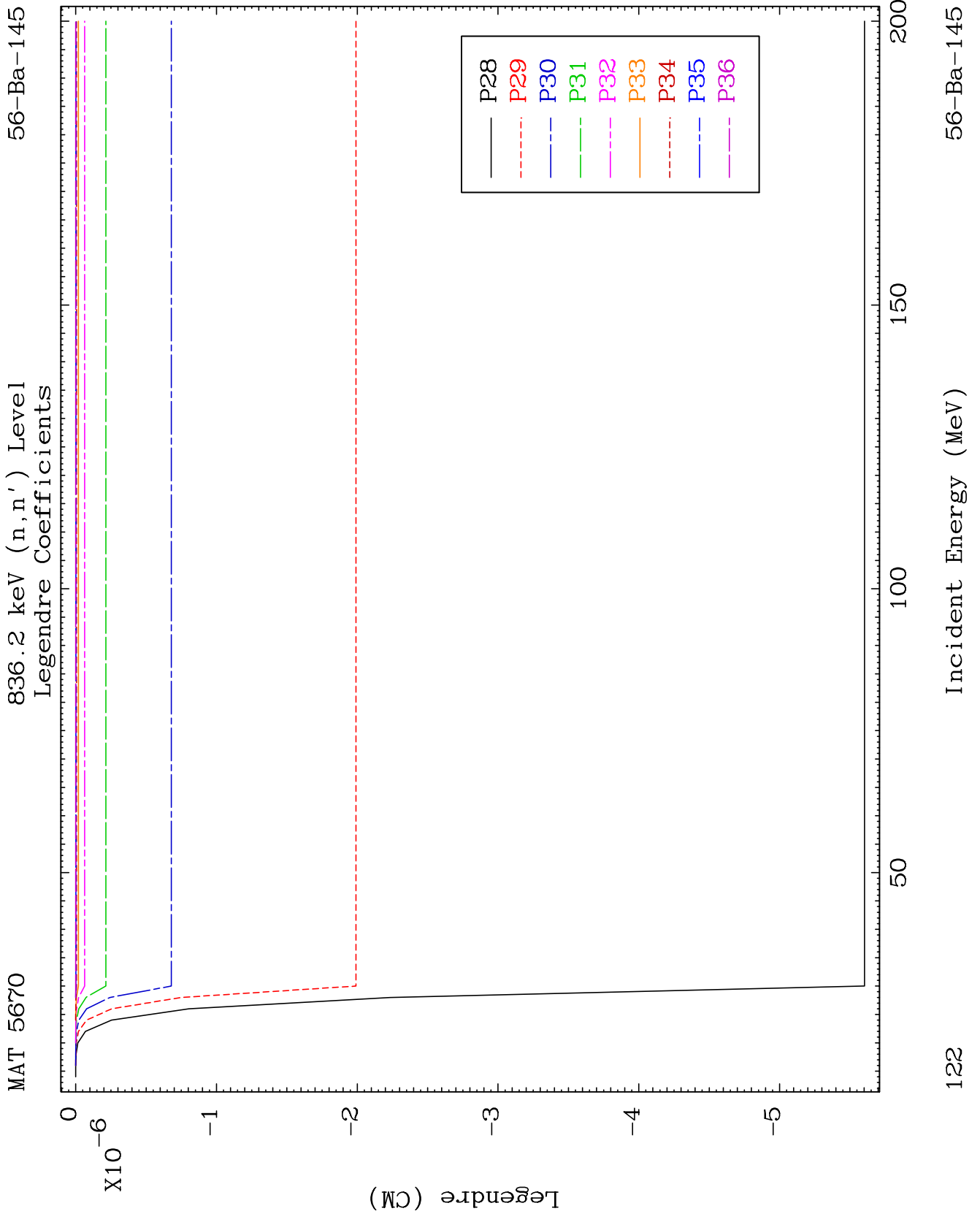
56-Ba-145



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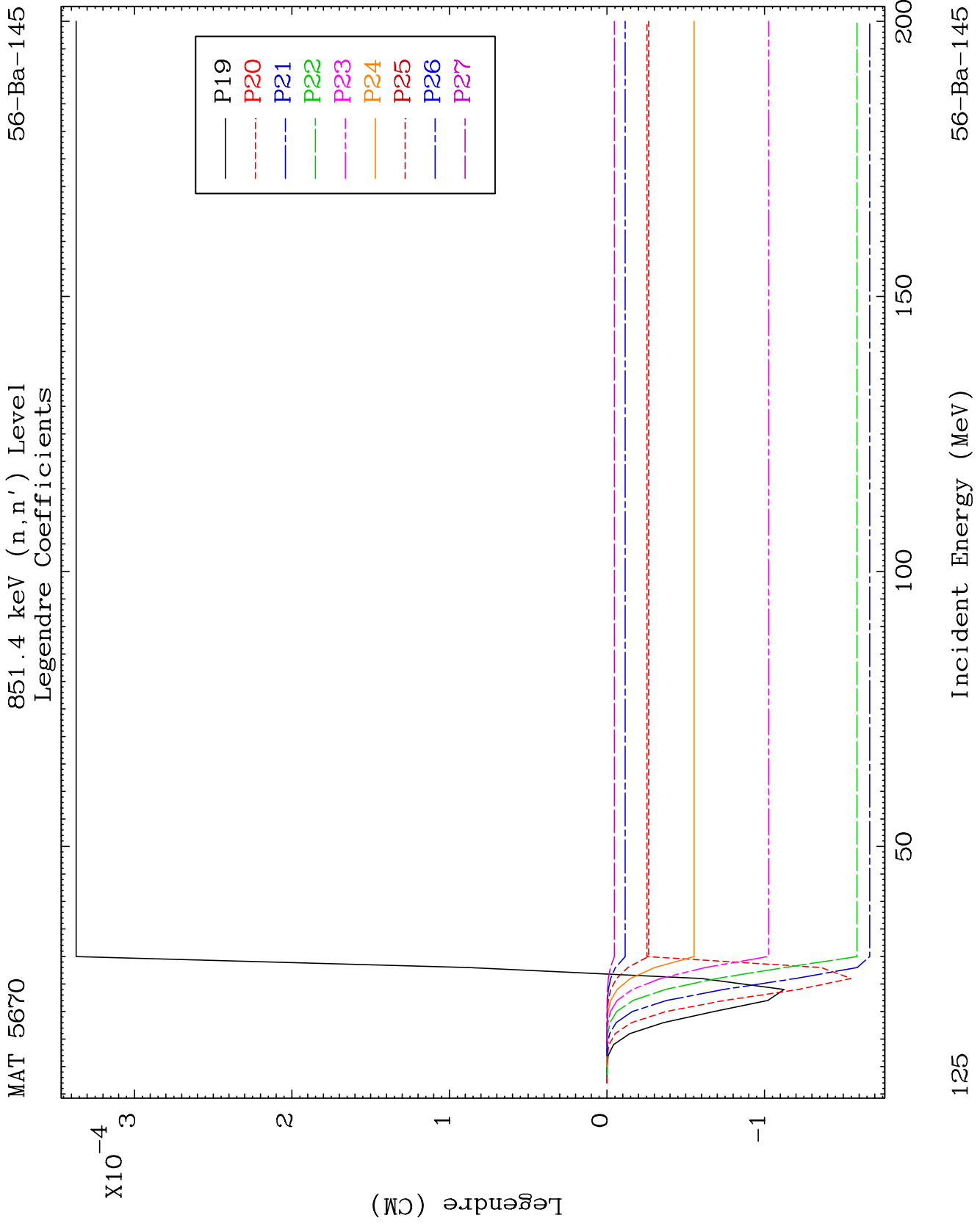
Incident Energy (MeV)

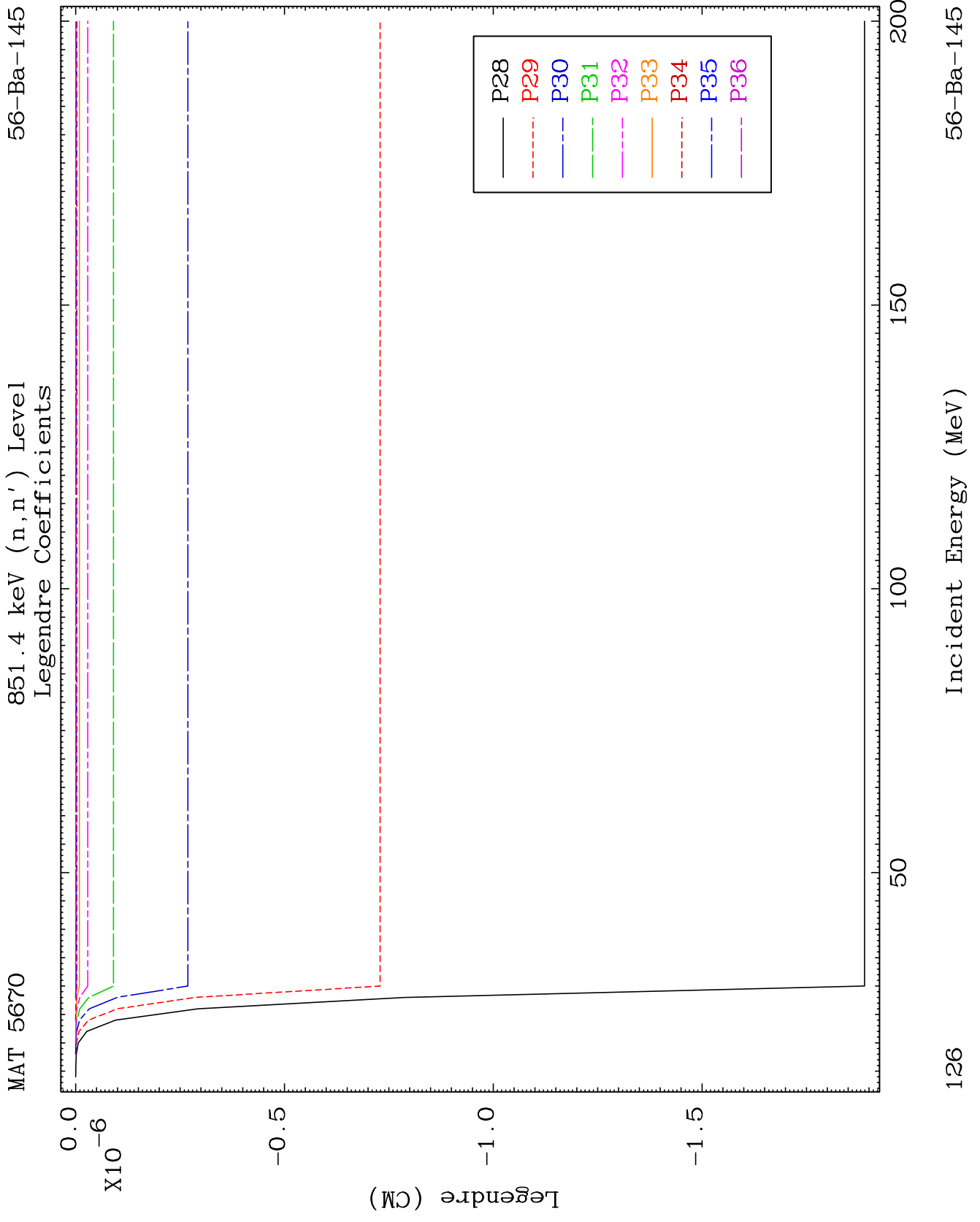
56-Ba-145







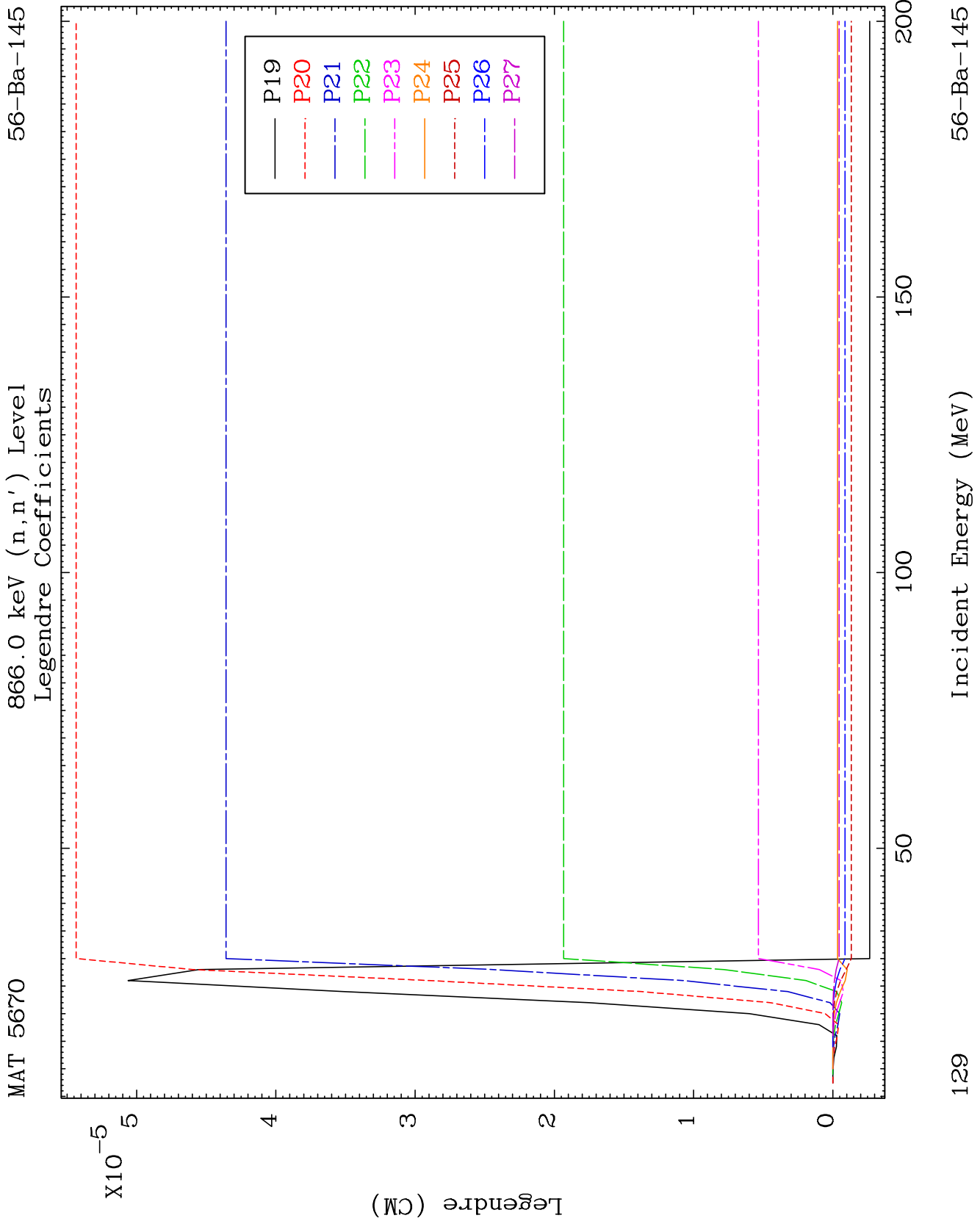


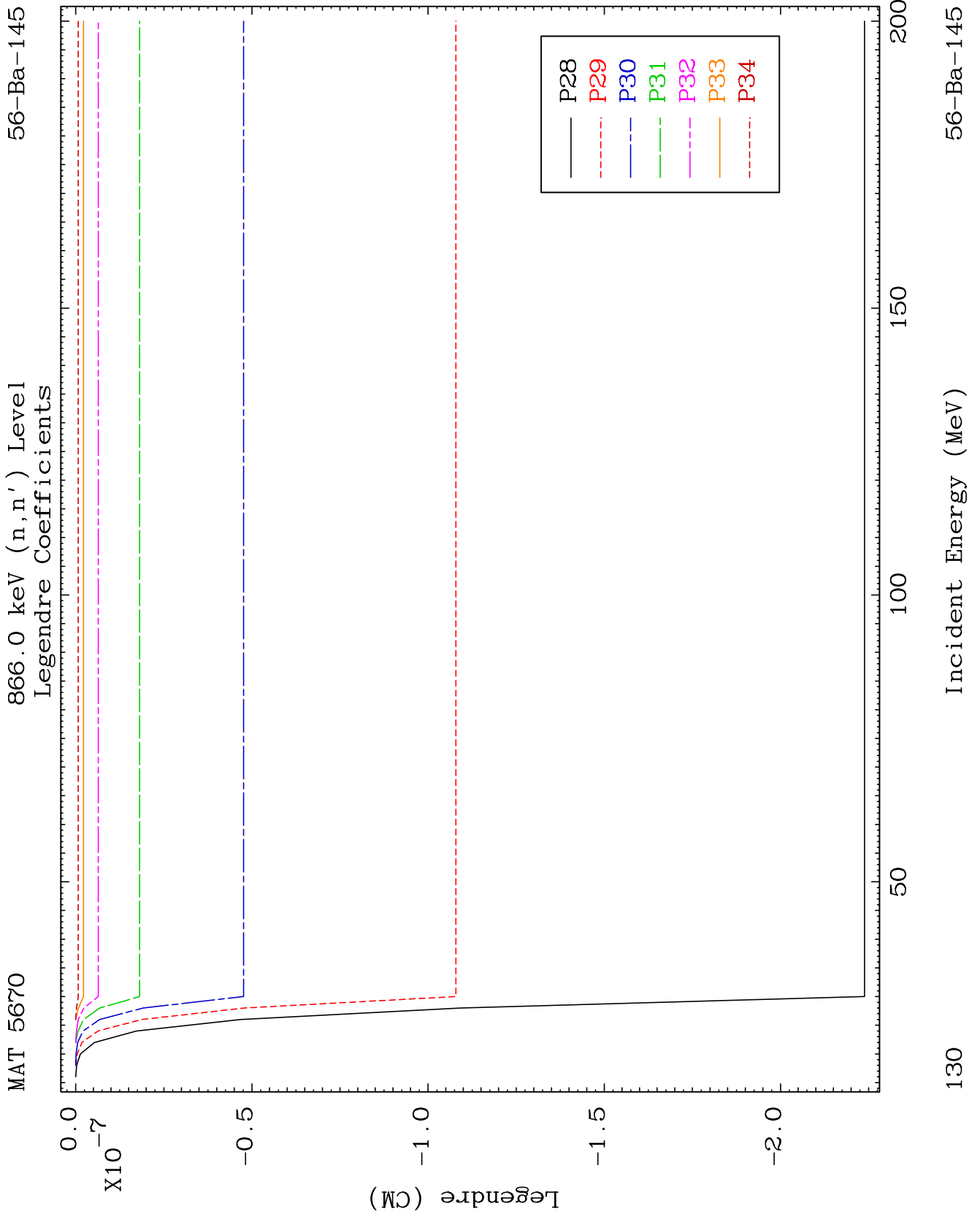






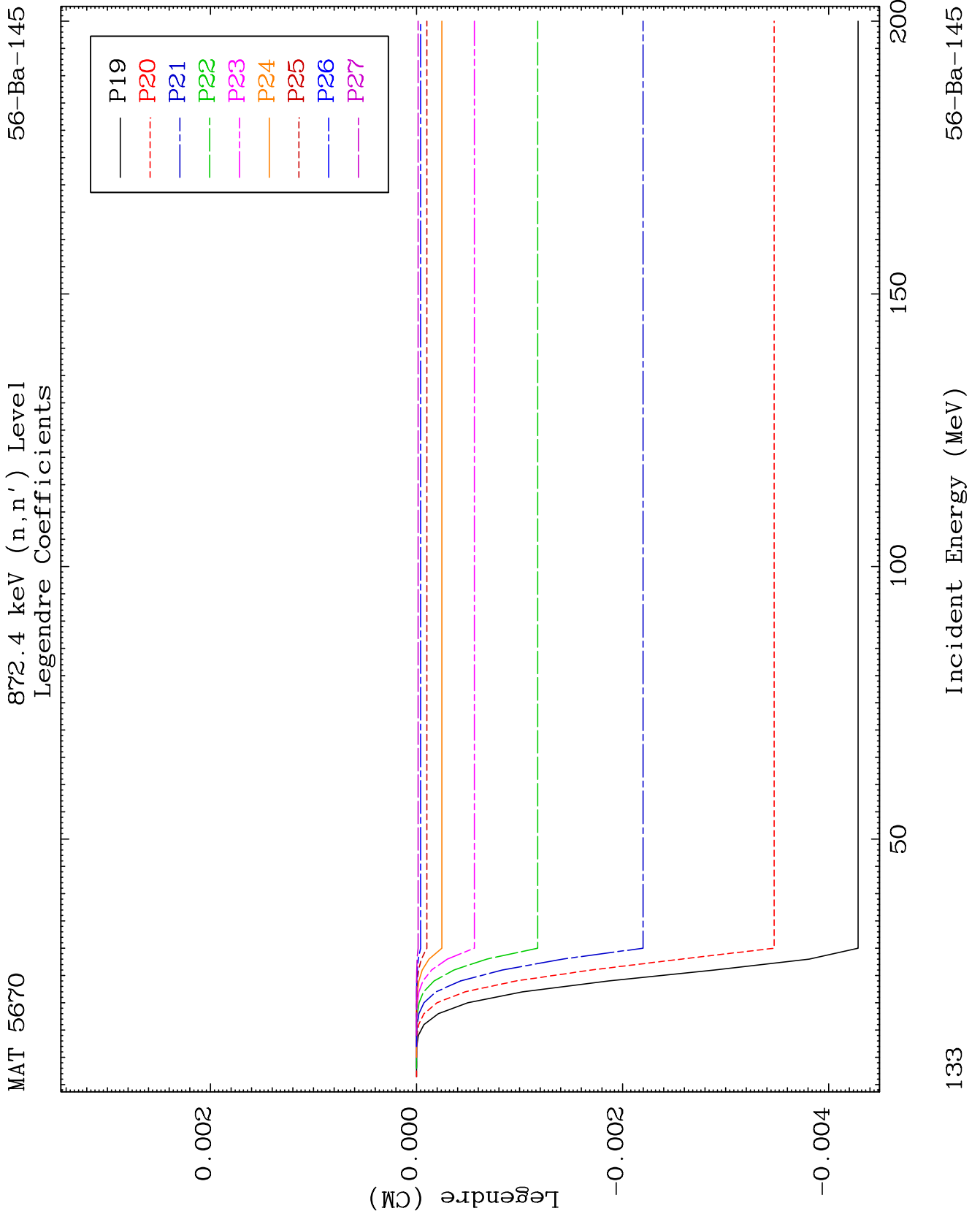


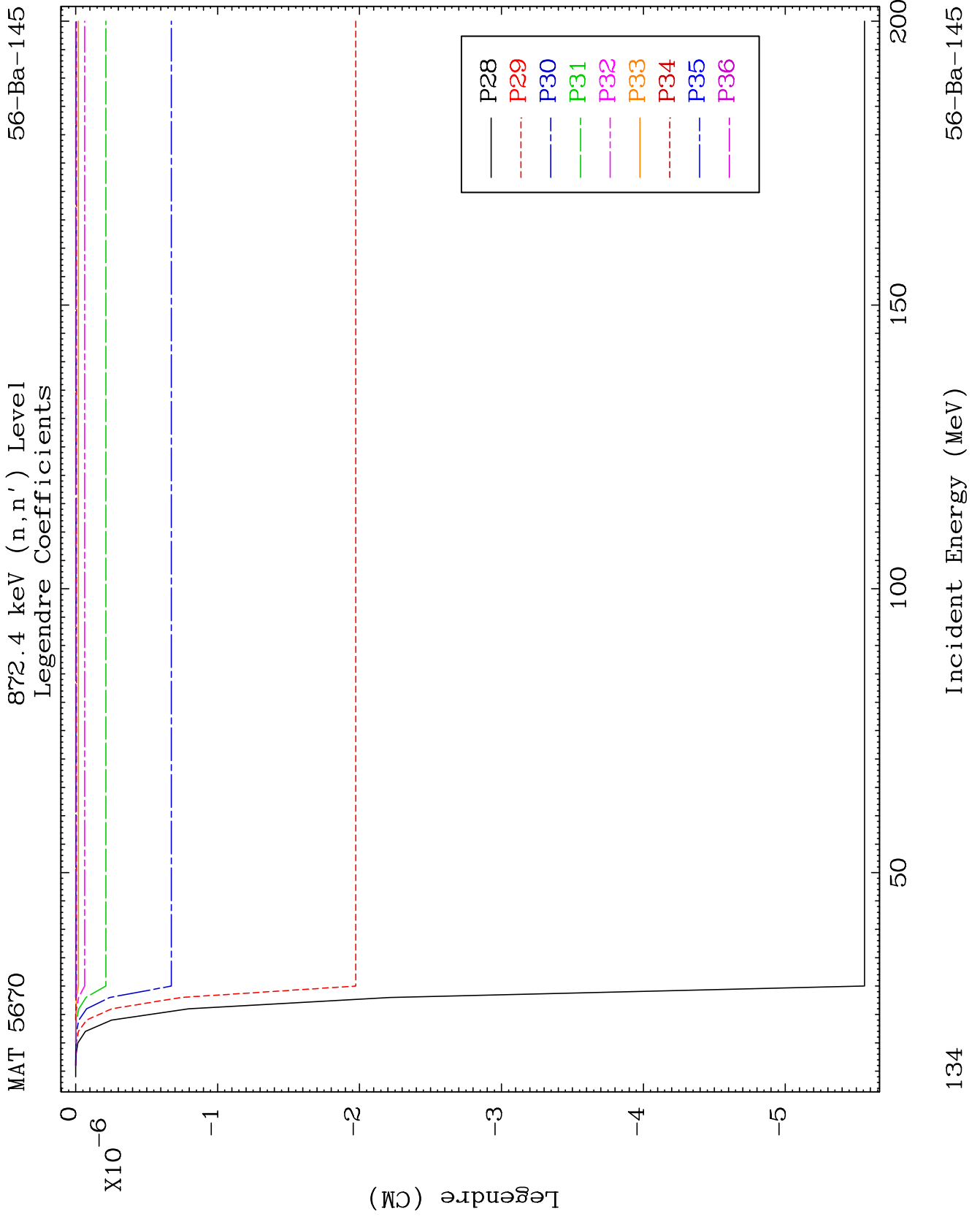










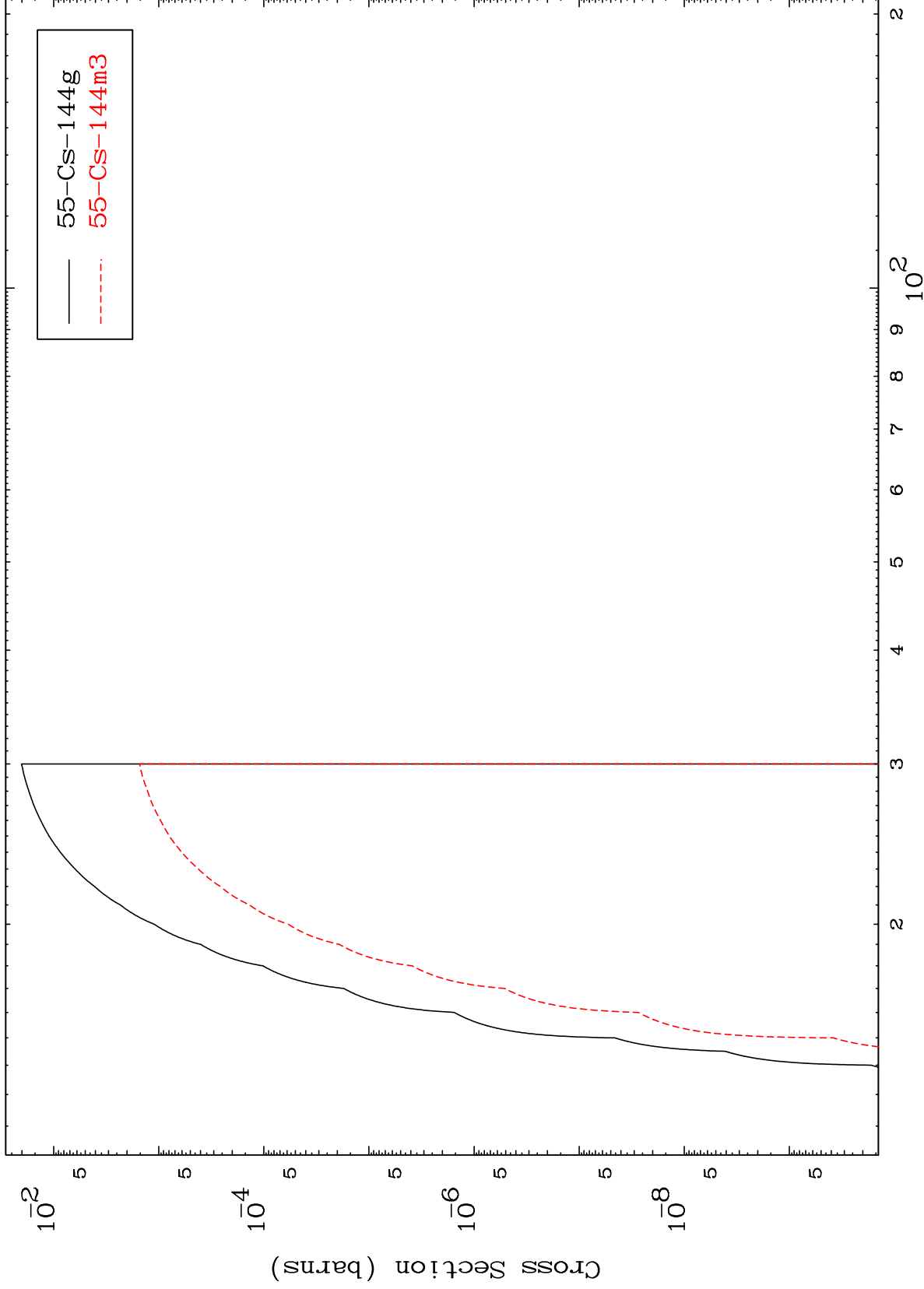


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(n,n') p

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Radionuclide Production Cross Section



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Incident Energy (MeV)

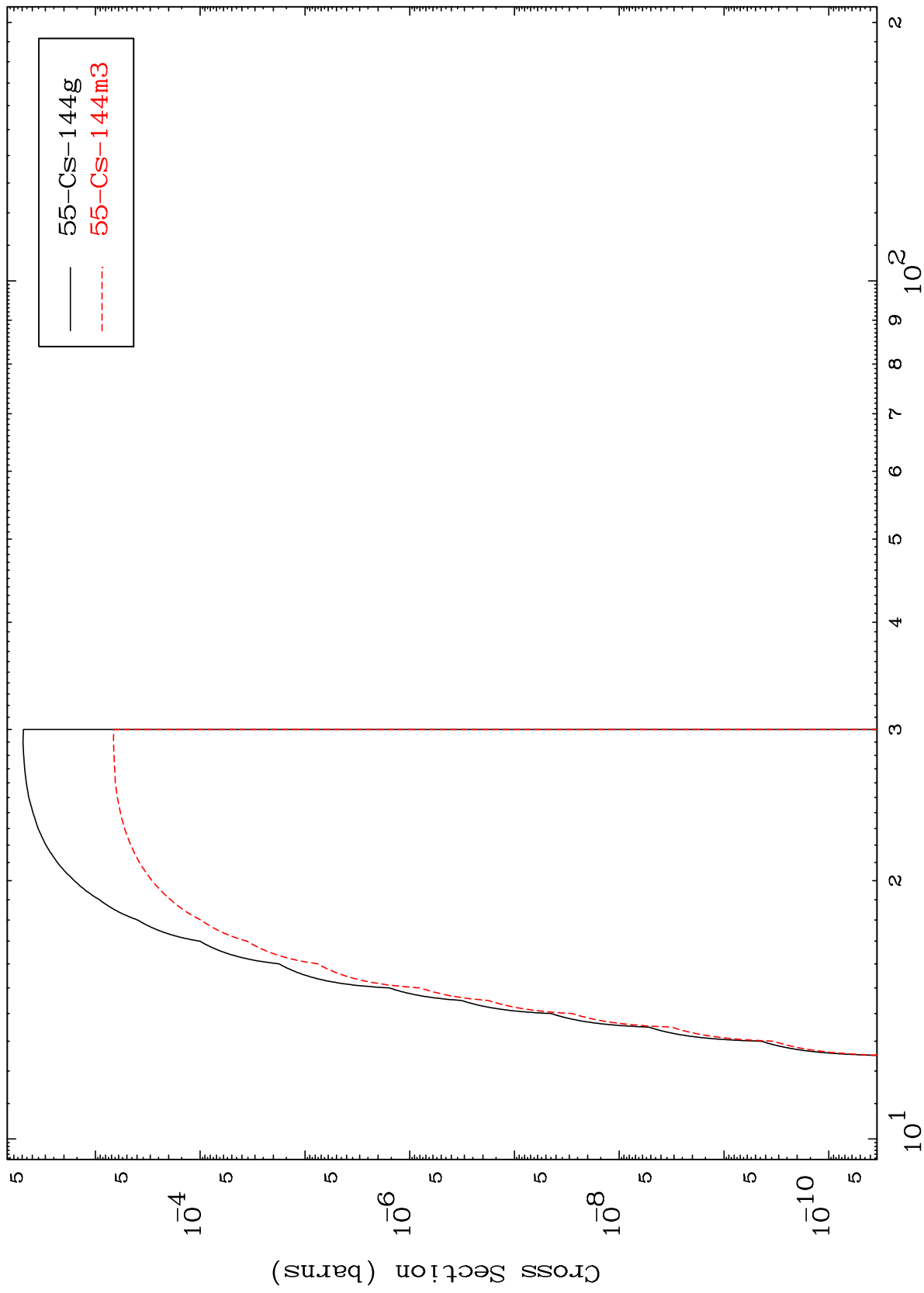
56-Ba-145



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56-Ba-145

(n,d)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

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