

Program EVALPLOT  
(Version 2015-2)

by

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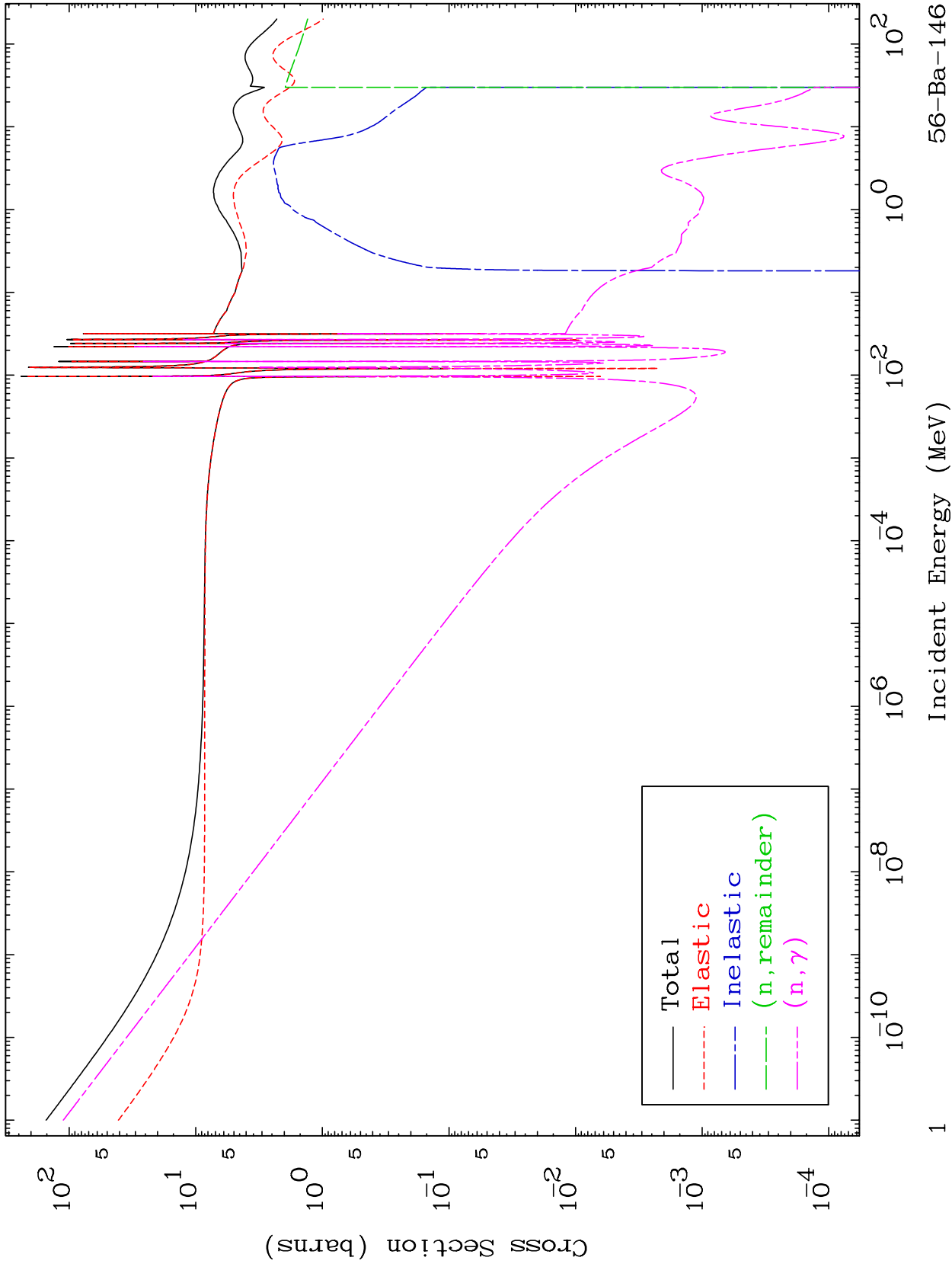
Press Mouse Button to Start

MAT 5673

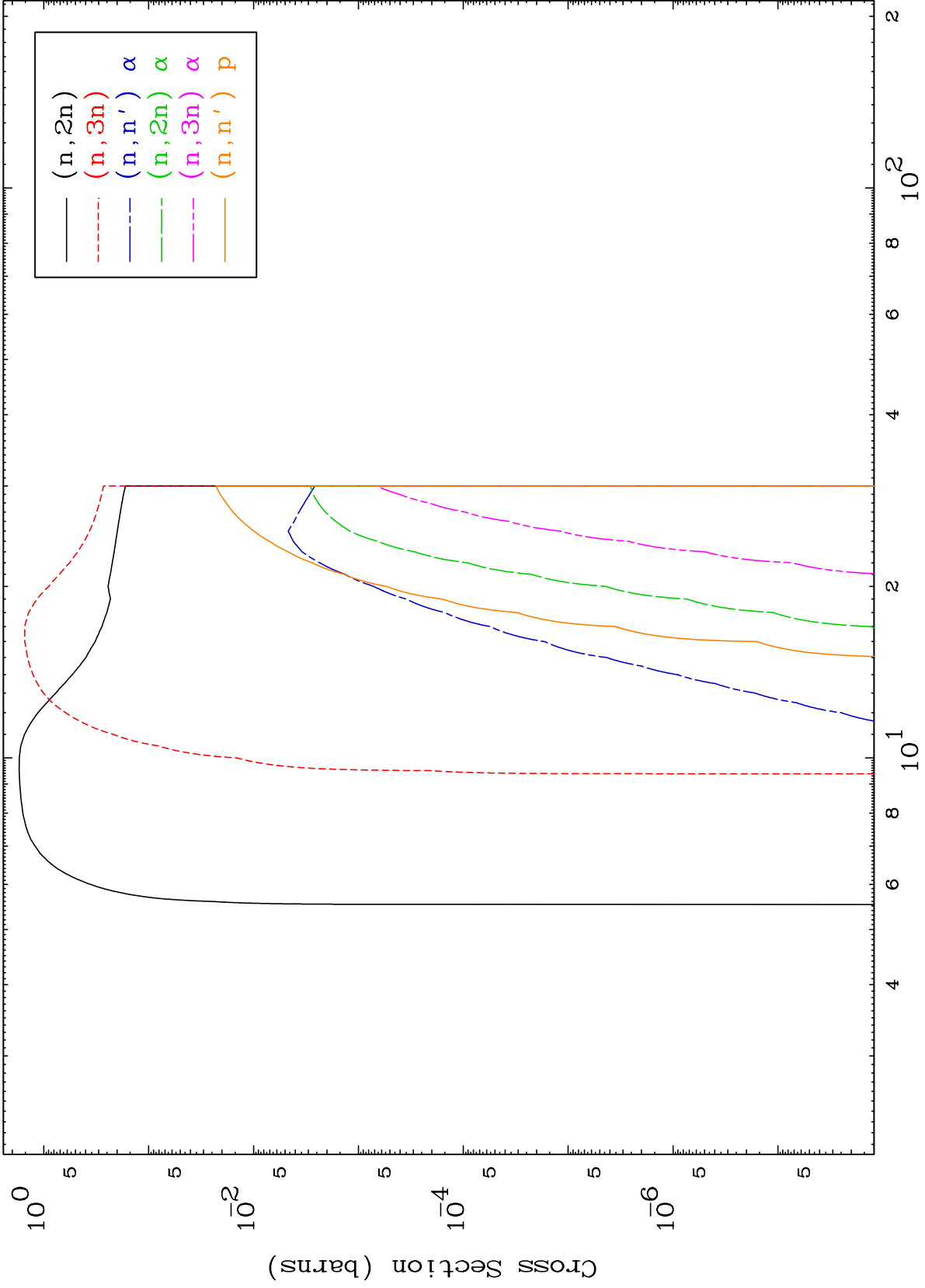
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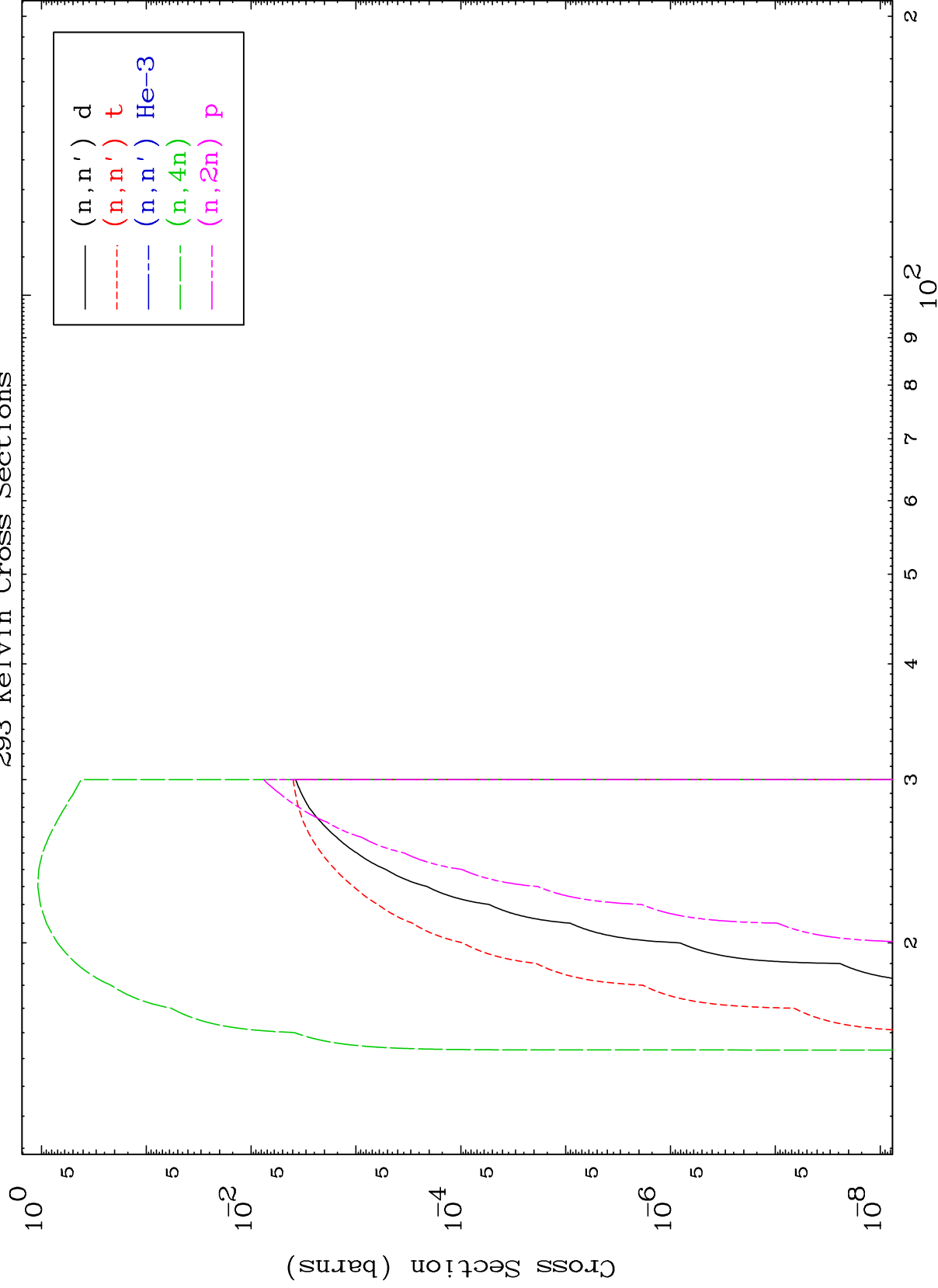
293 Kelvin Cross Sections

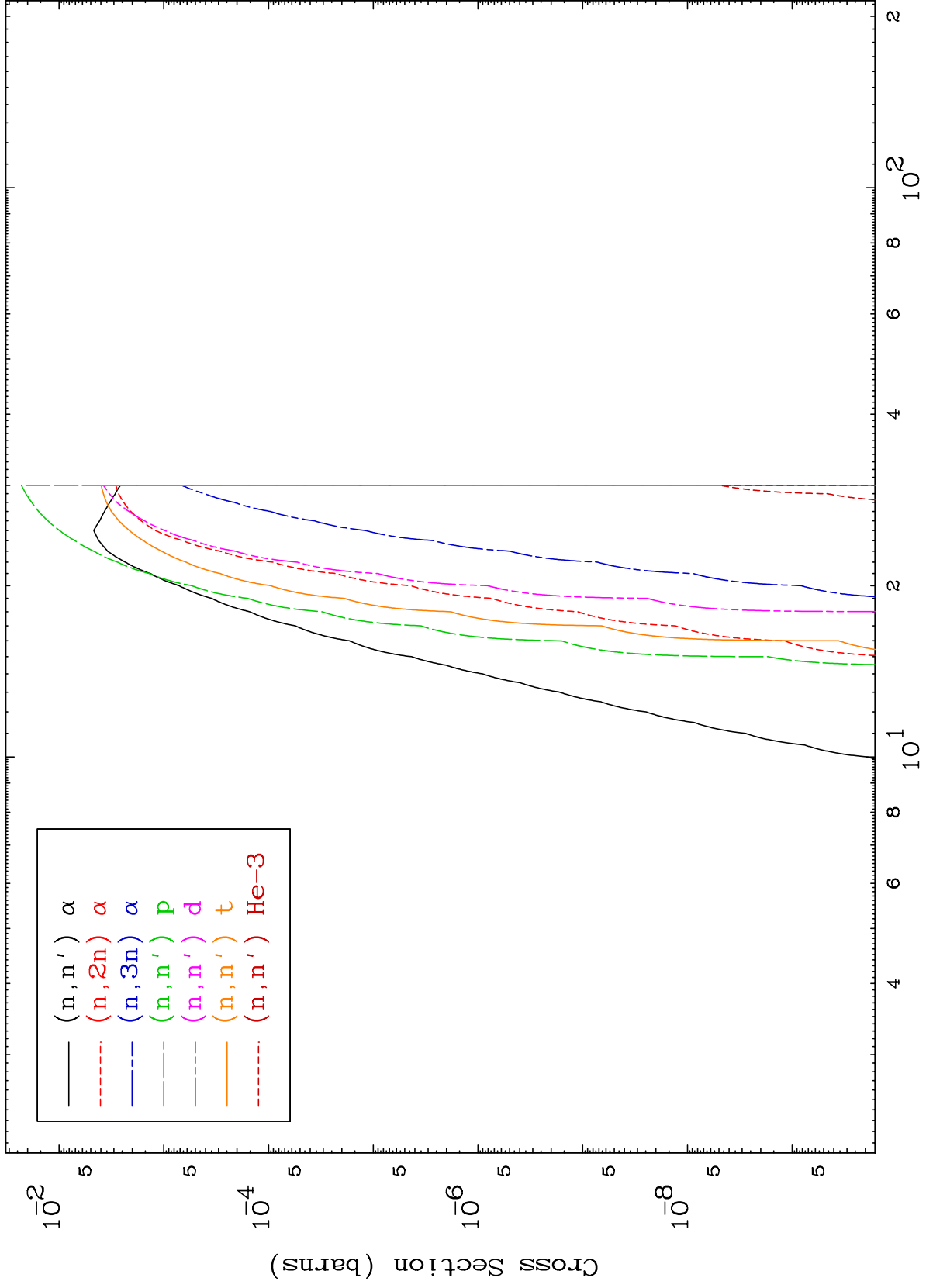
56-Ba-146



Neutron Production  
293 Kelvin Cross Sections



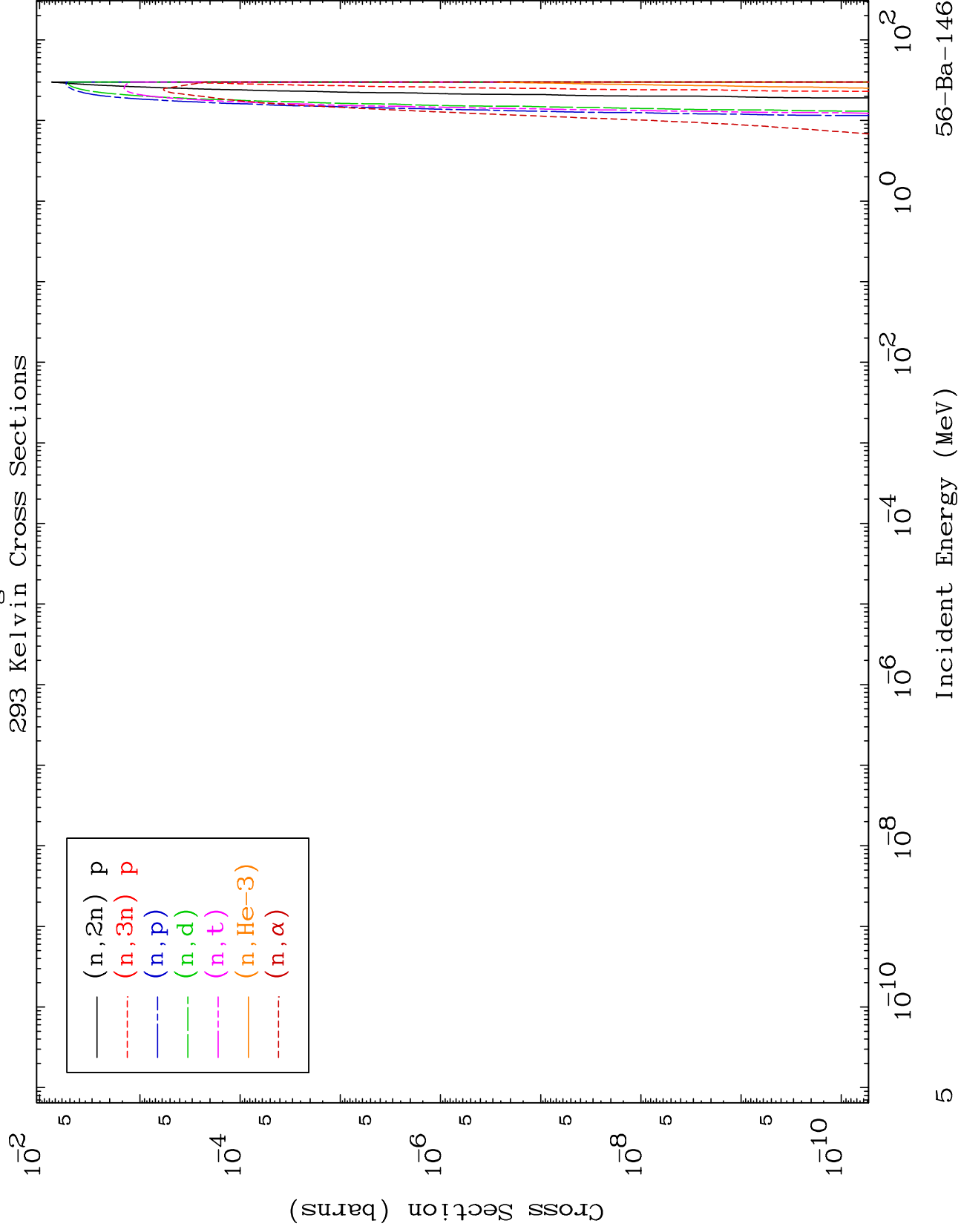




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Charged Particle  
293 Kelvin Cross Sections

56-Ba-146



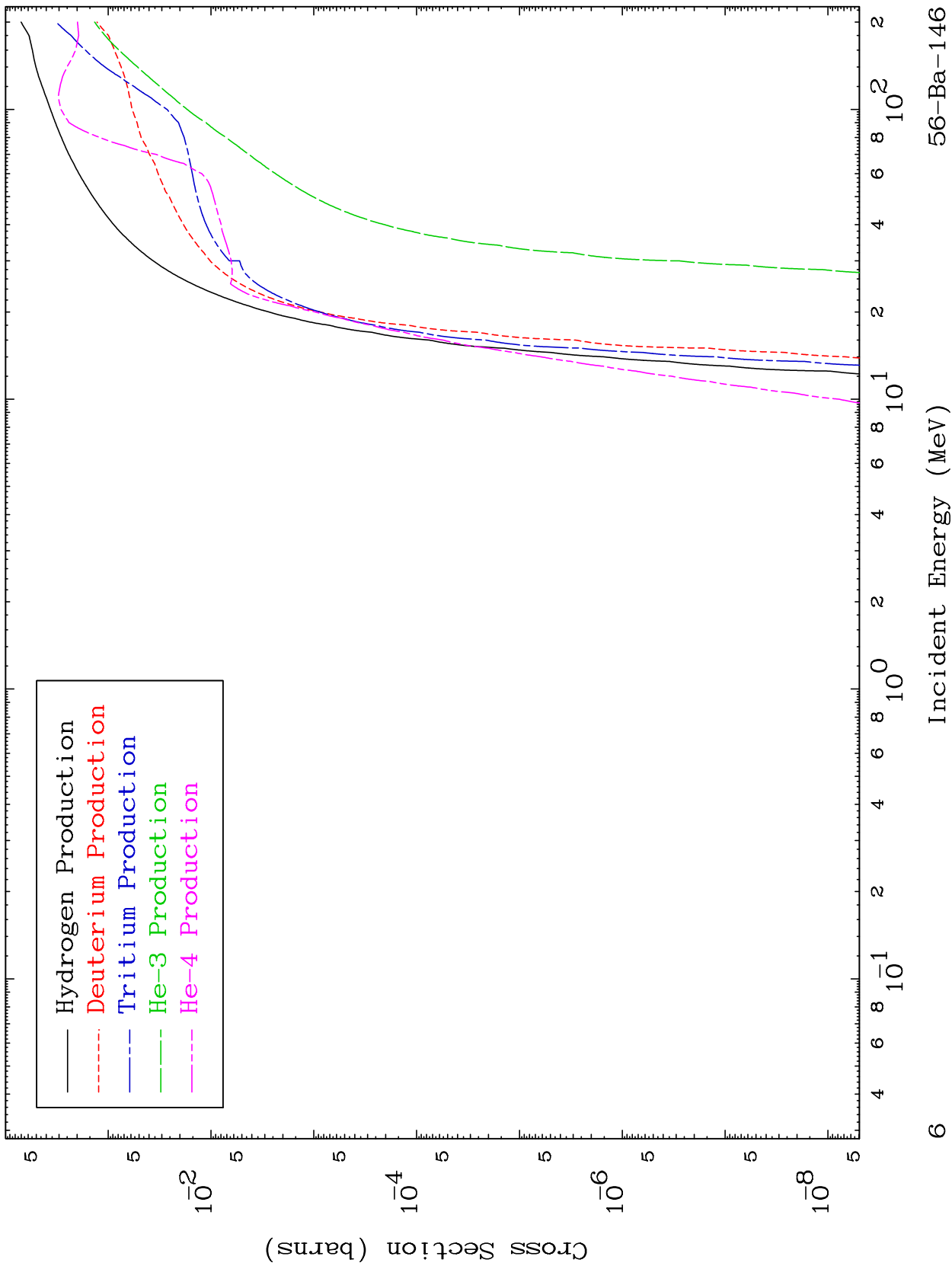
5

56-Ba-146

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Particle Production  
293 Kelvin Cross Sections

56-Ba-146



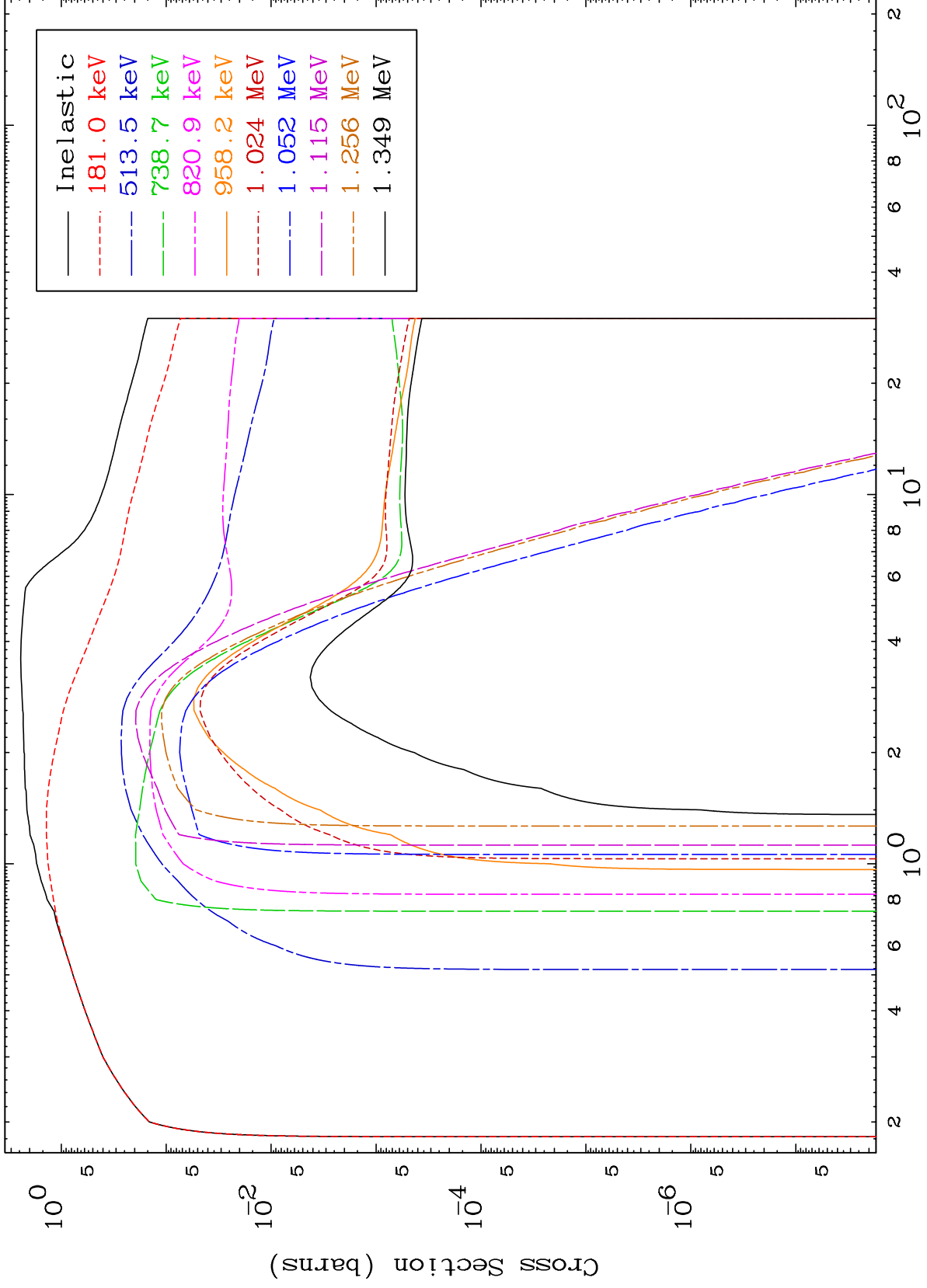
6

56-Ba-146

MAT 5673

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-146

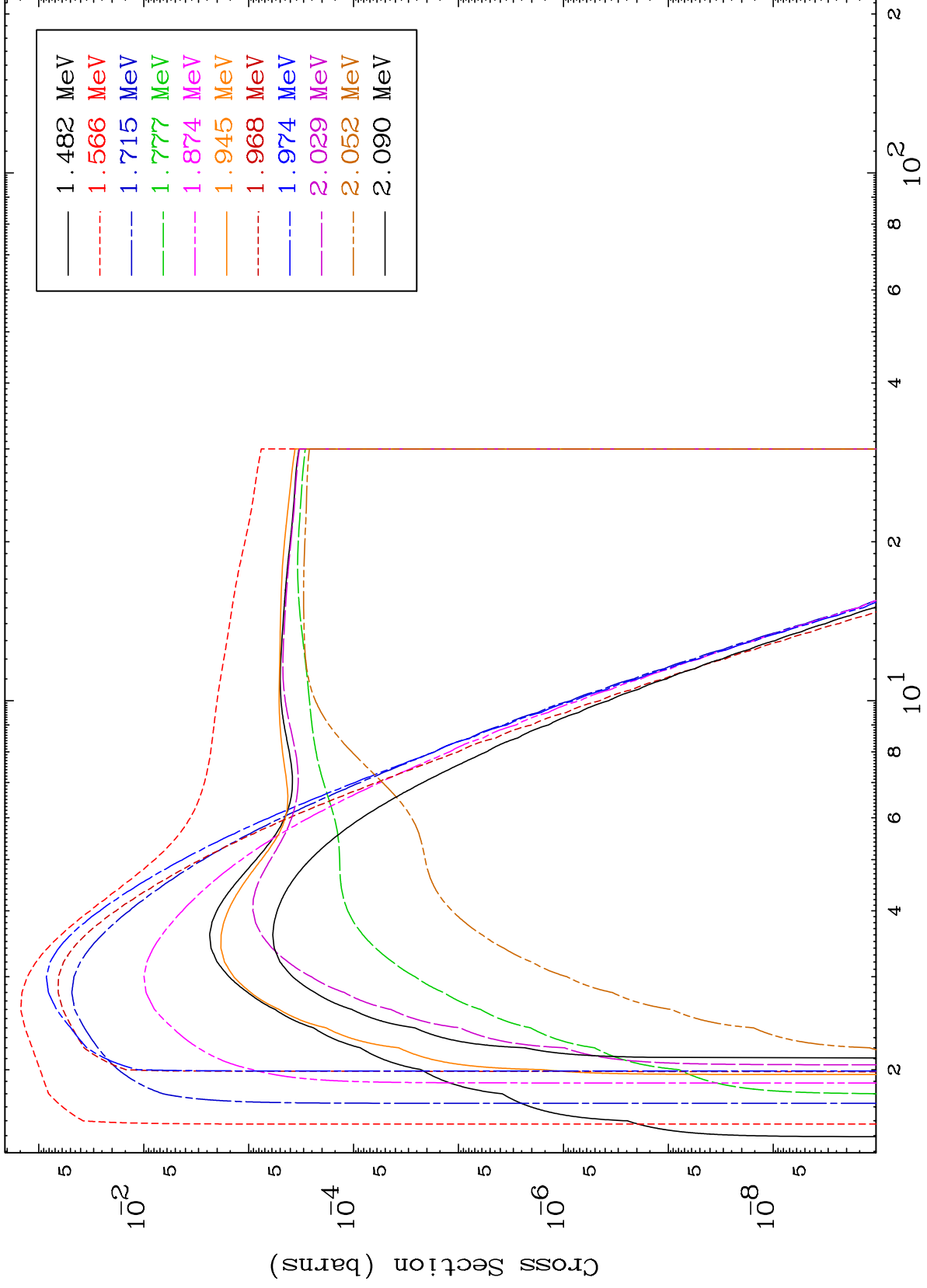




MAT 5673

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-146



8

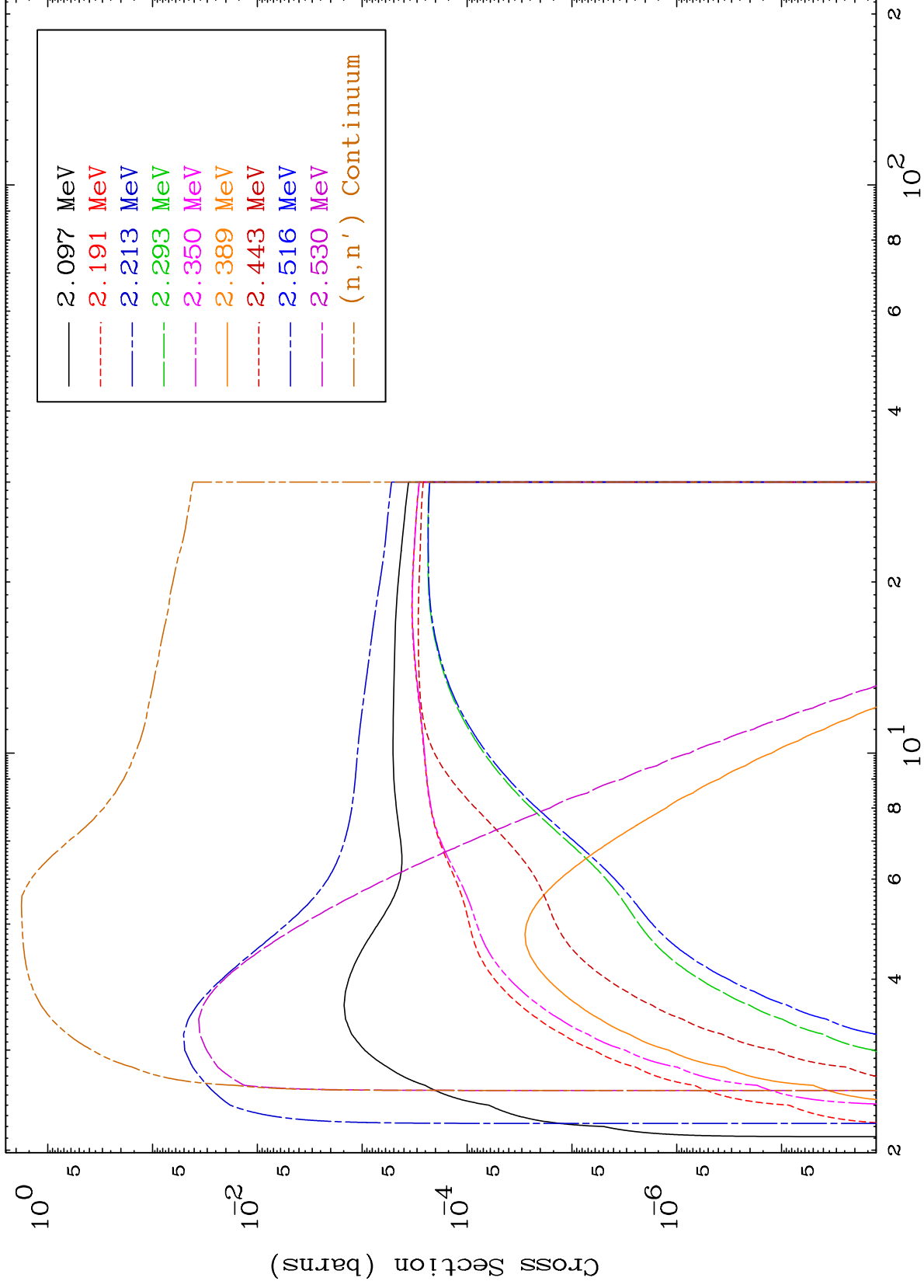
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,n') Level  
293 Kelvin Cross Sections

56-Ba-146



9

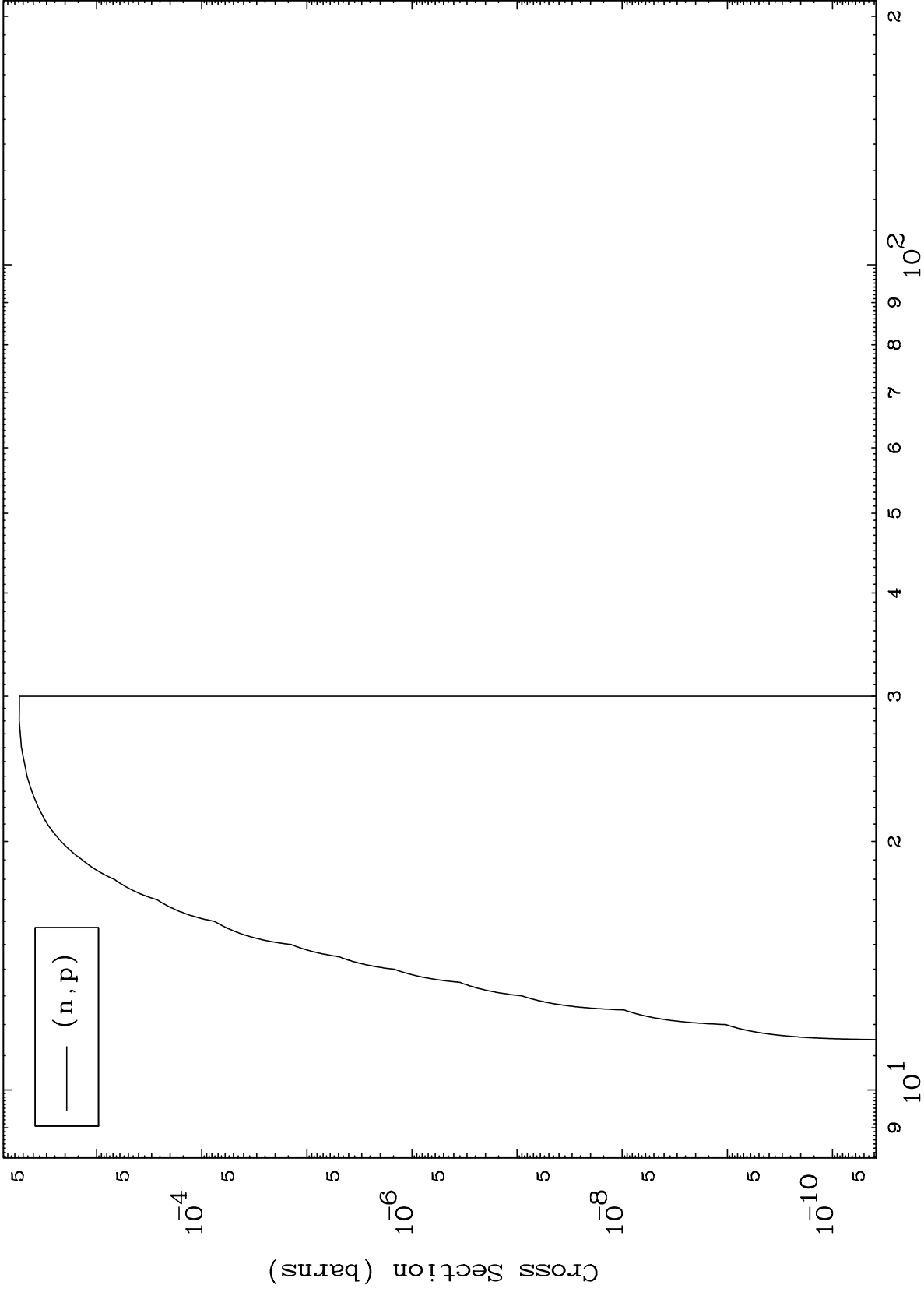
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,p) Levels  
293 Kelvin Cross Sections

56-Ba-146



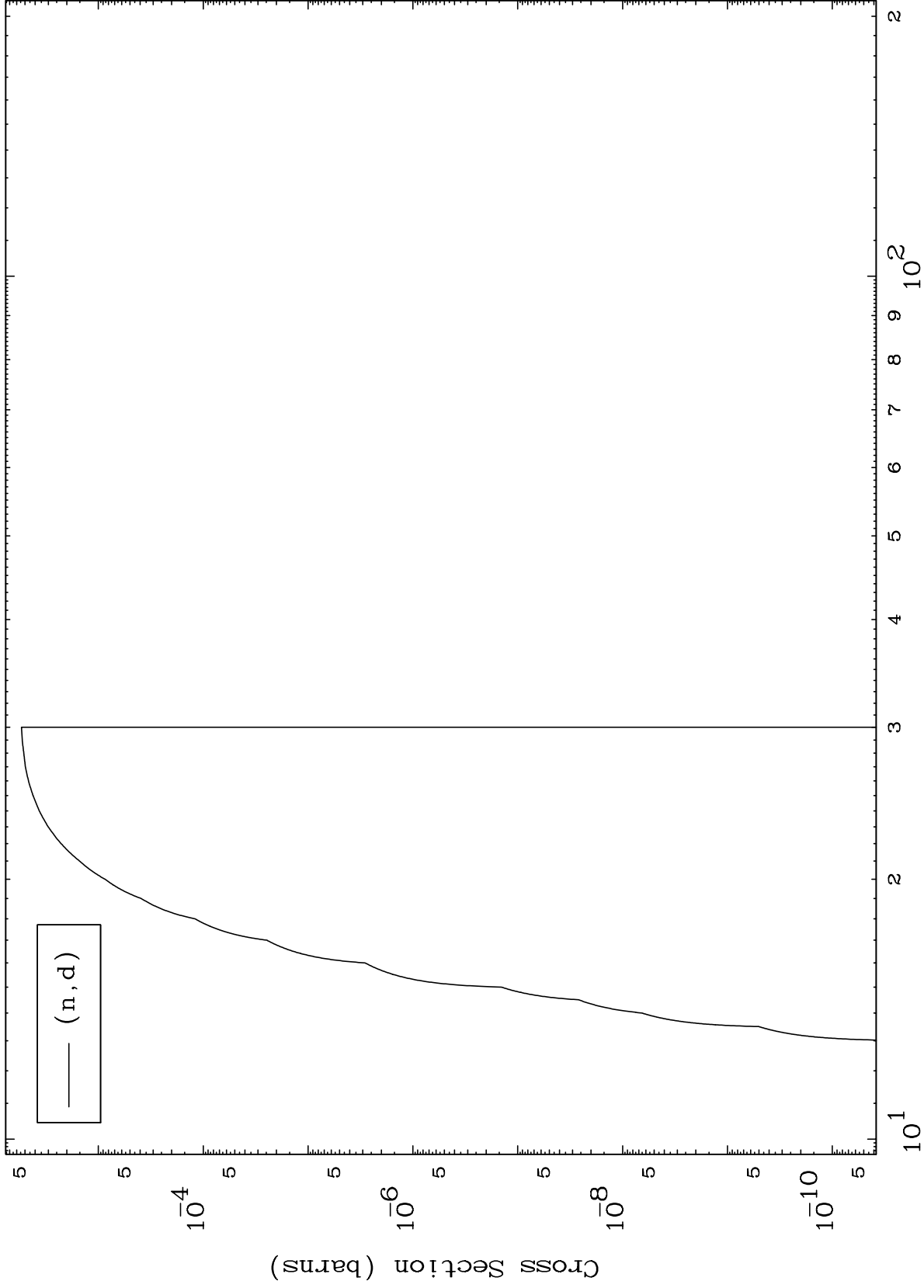
56-Ba-146

Incident Energy (MeV)

MAT 5673

(n,d) Levels  
293 Kelvin Cross Sections

56-Ba-146



Incident Energy (MeV)

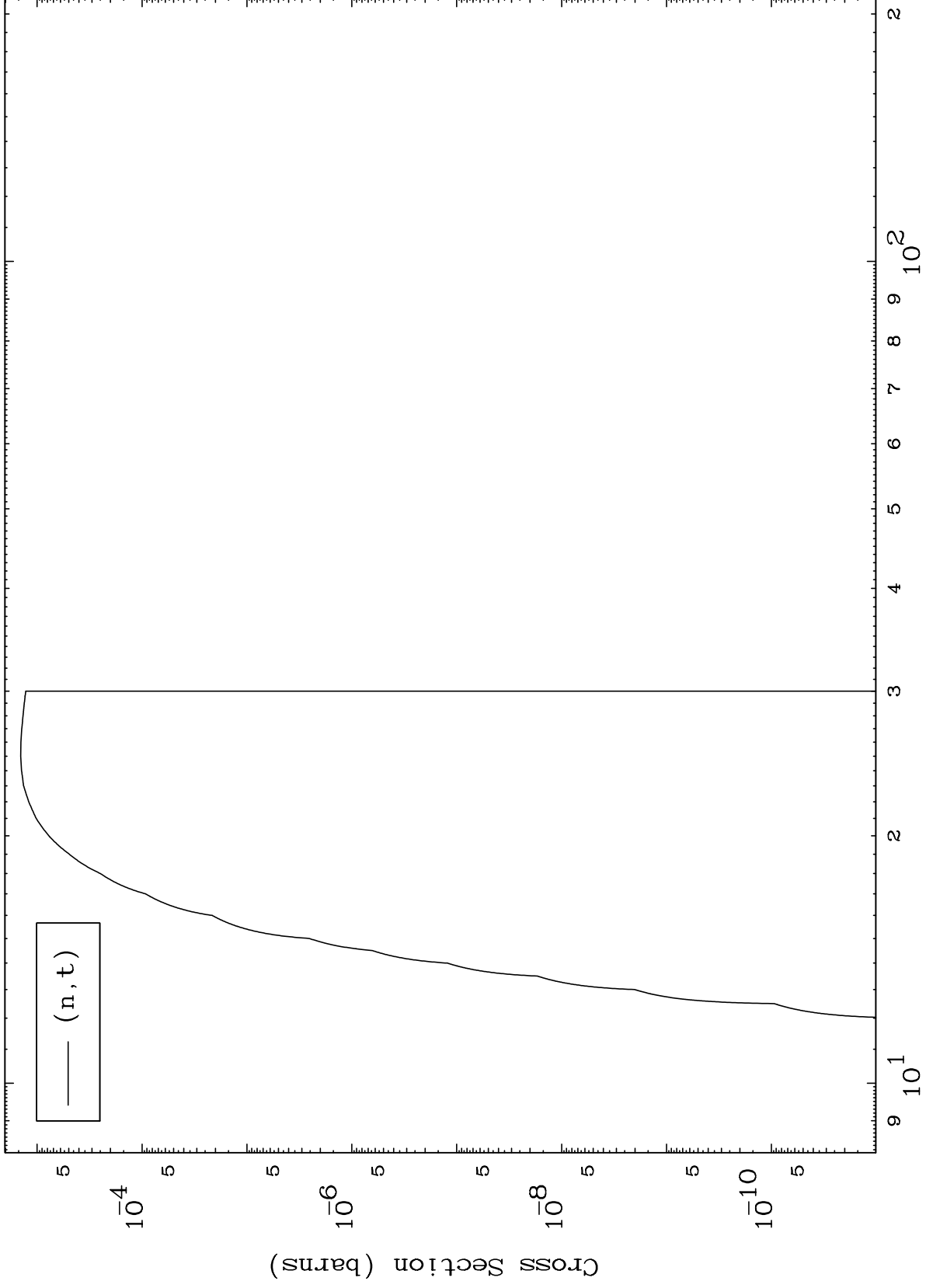
56-Ba-146

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MAT 5673

(n,t) Levels  
293 Kelvin Cross Sections

56-Ba-146



12

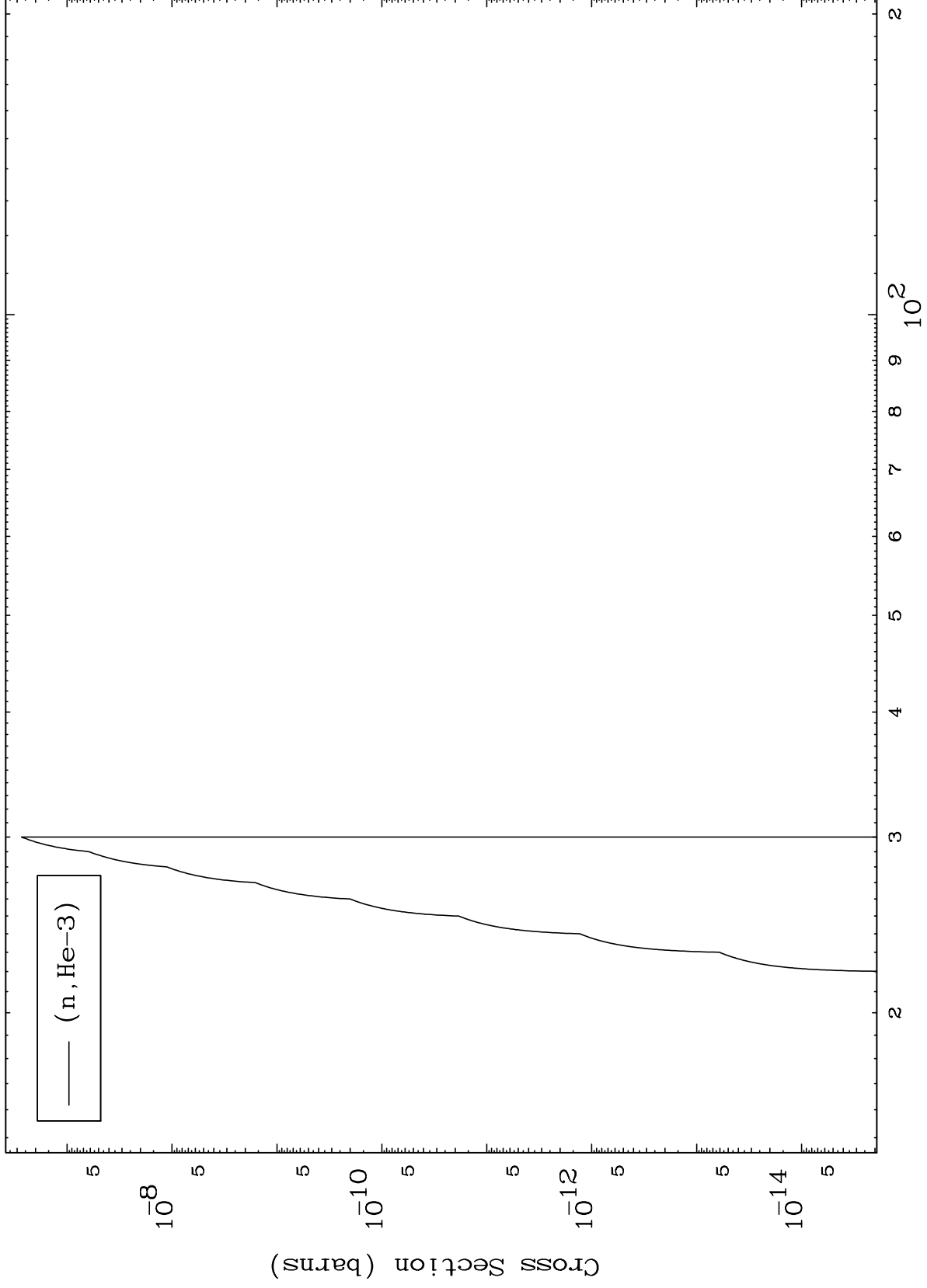
Incident Energy (MeV)

56-Ba-146

MAT 5673

(n,He3) Levels  
293 Kelvin Cross Sections

56-Ba-146



13

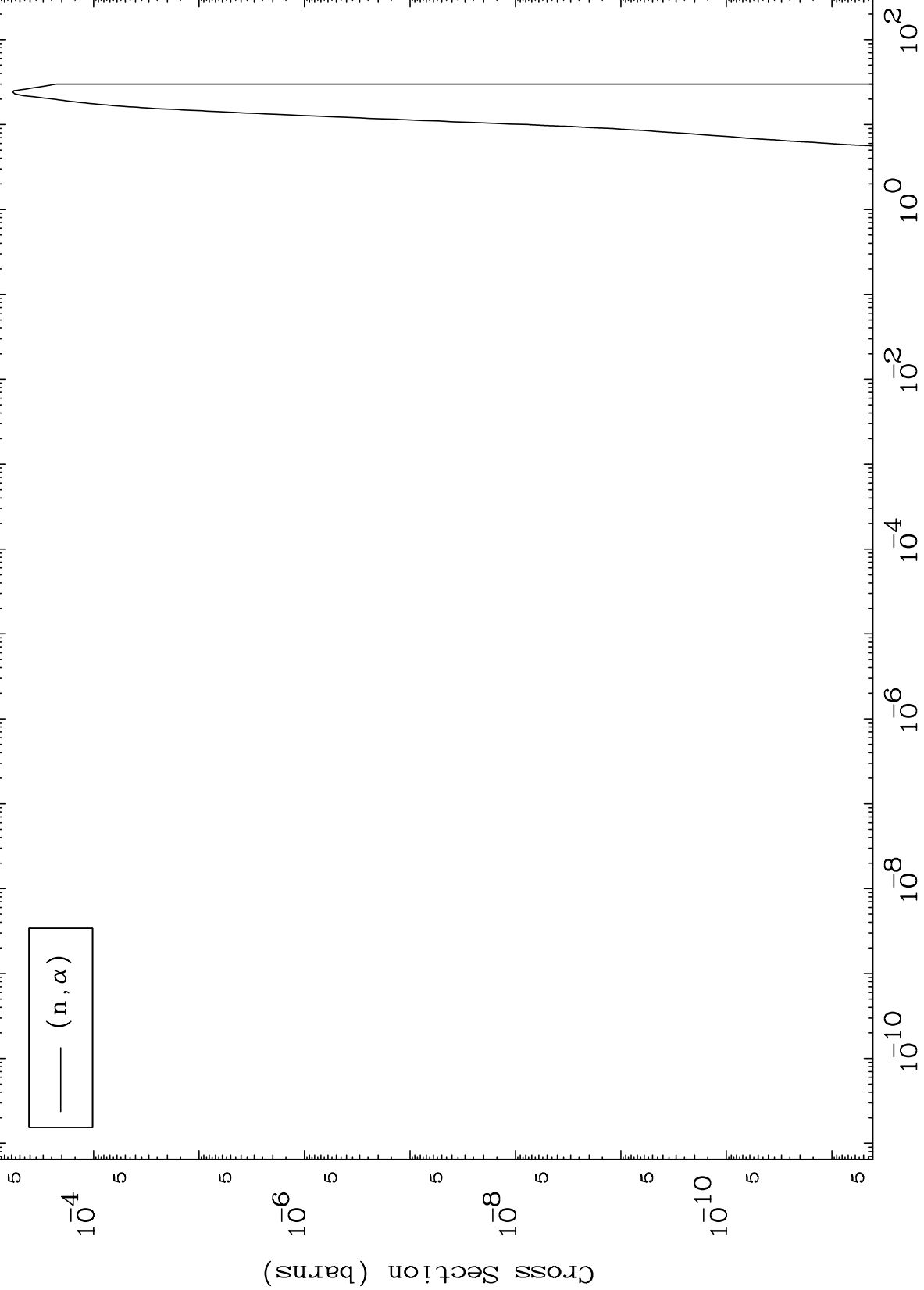
Incident Energy (MeV)

56-Ba-146

MAT 5673

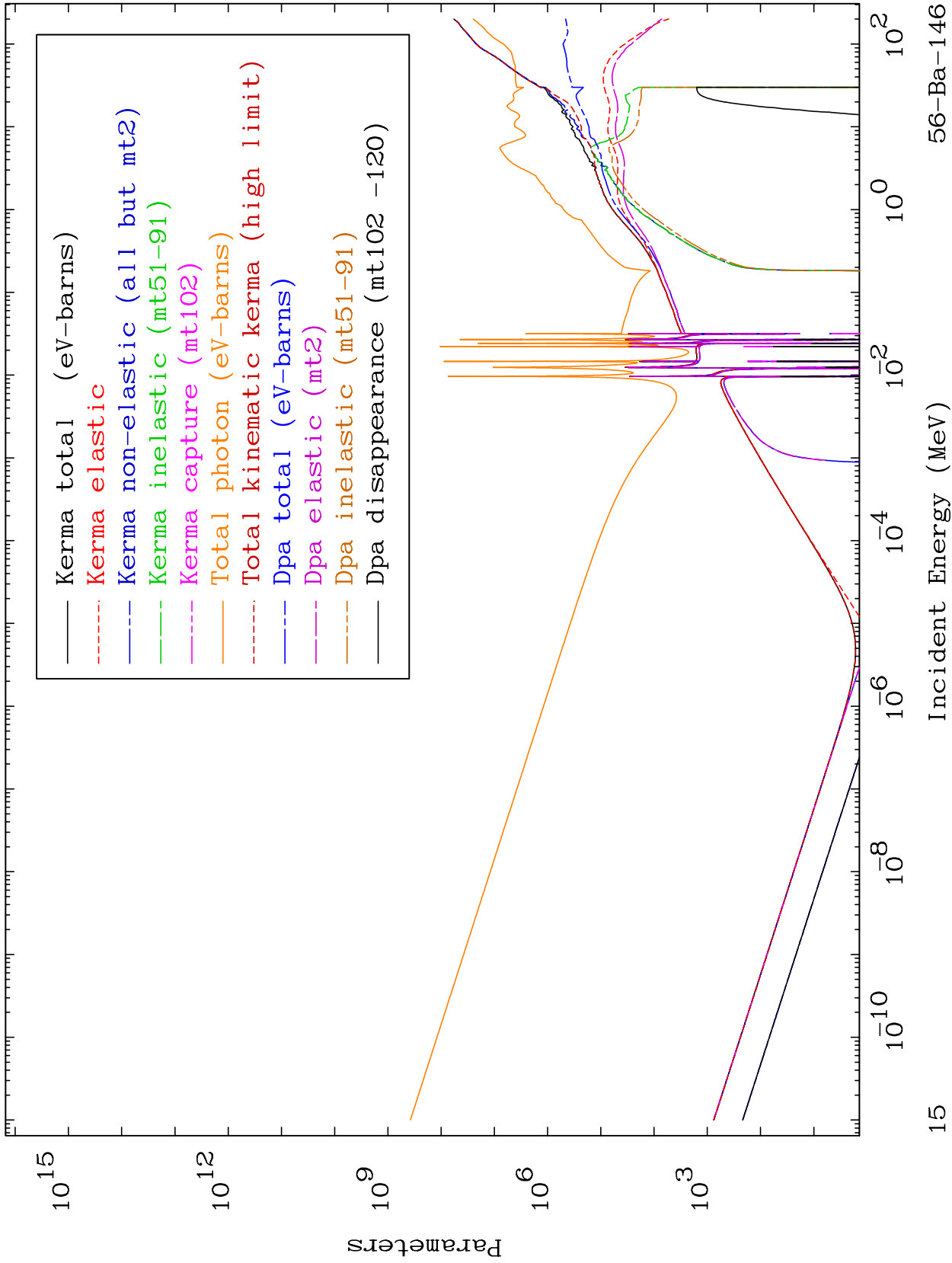
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

56-Ba-146



14

56-Ba-146

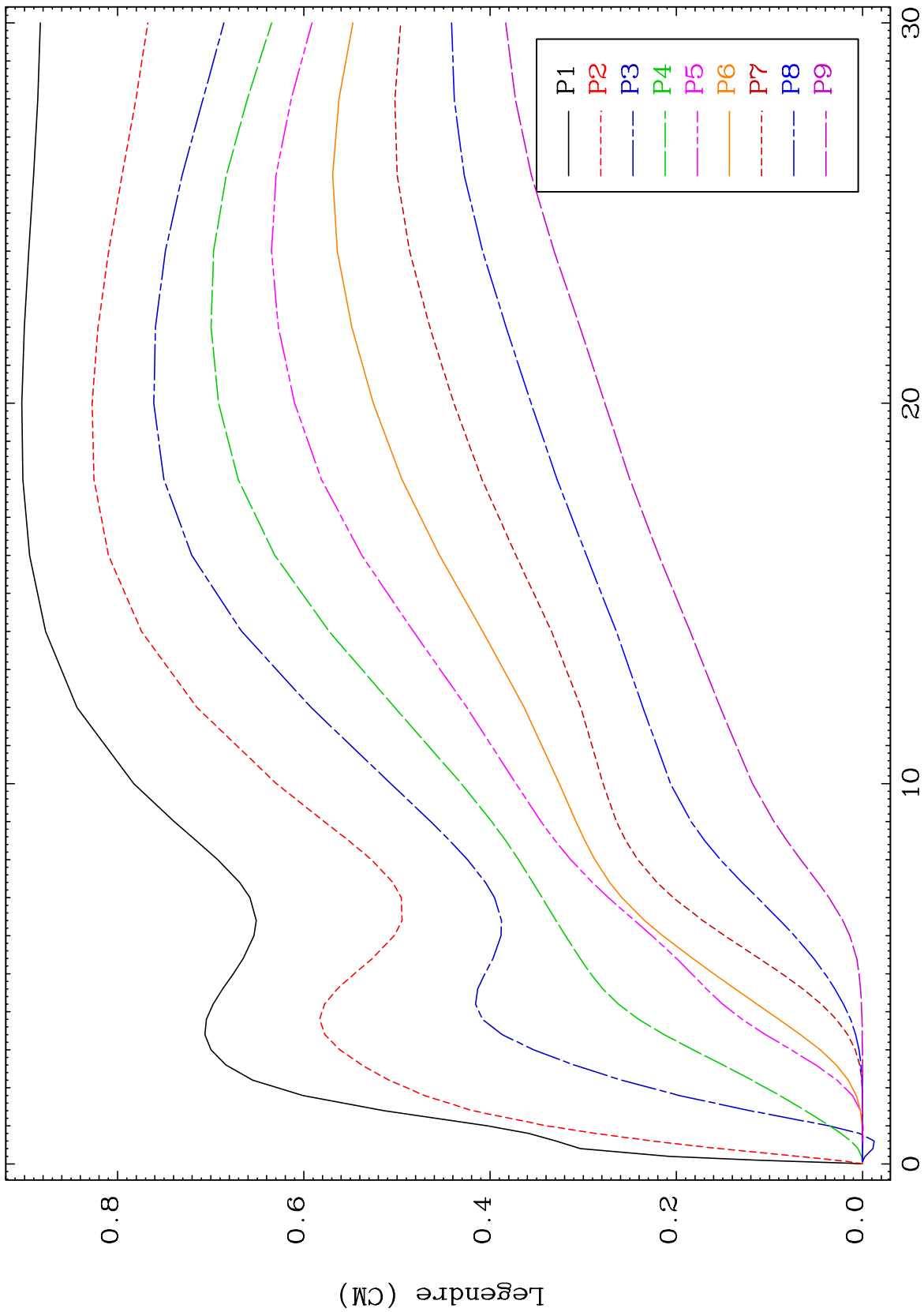




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Elastic Legendre Coefficients

56-Ba-146



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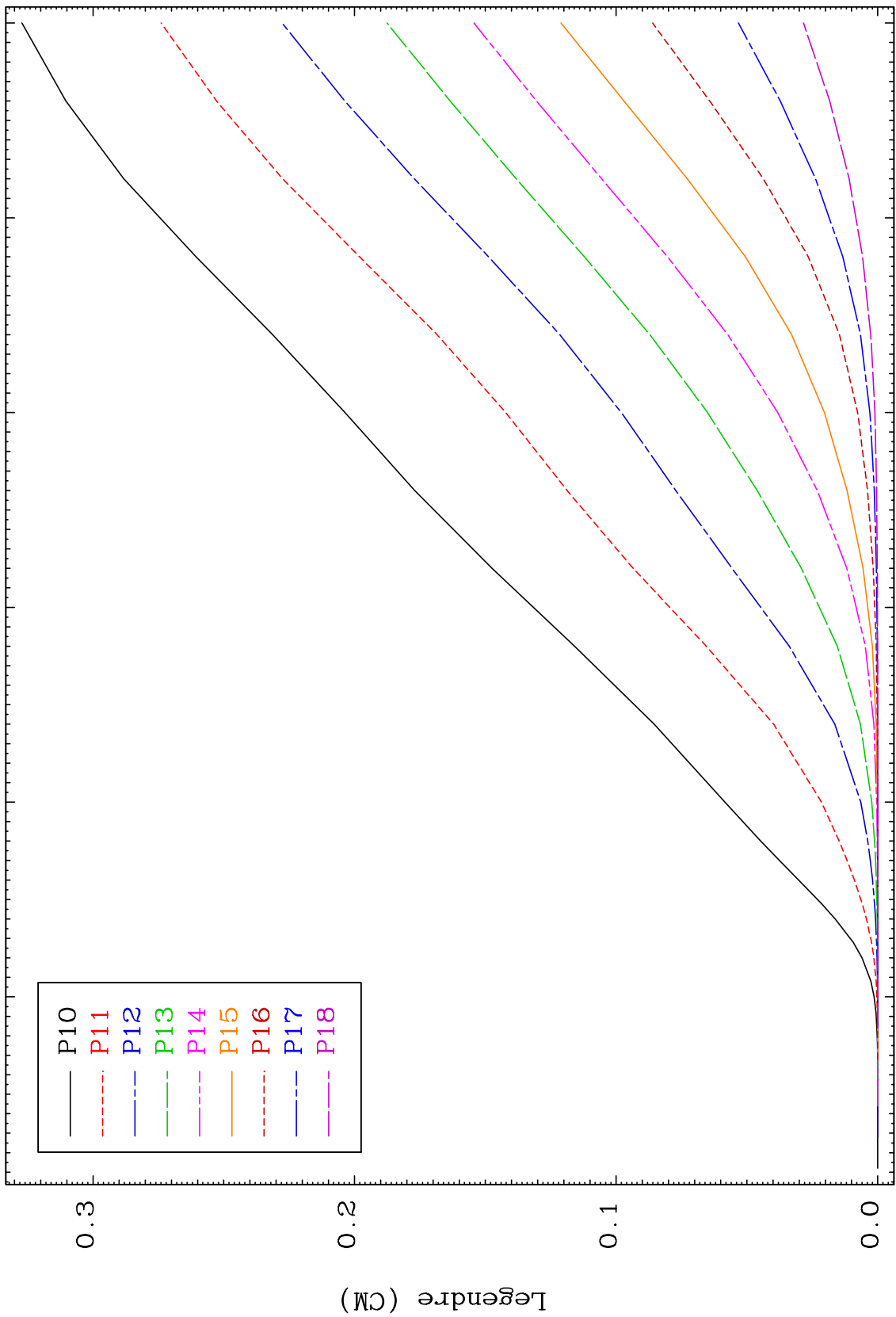
Incident Energy (MeV)

56-Ba-146

MAT 5673

Elastic Legendre Coefficients

56-Ba-146



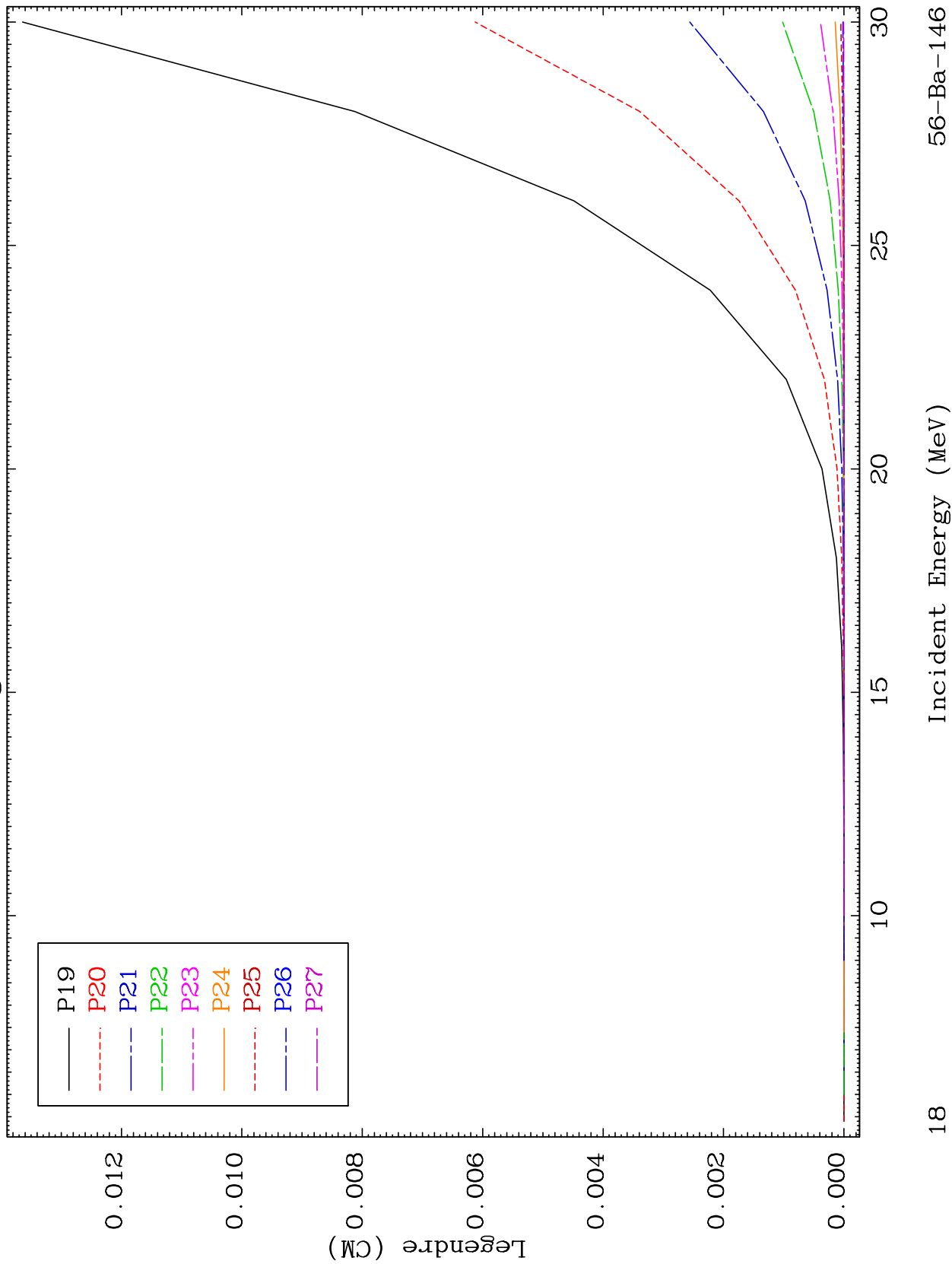
17

56-Ba-146

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### Elastic Legendre Coefficients

56-Ba-146



18

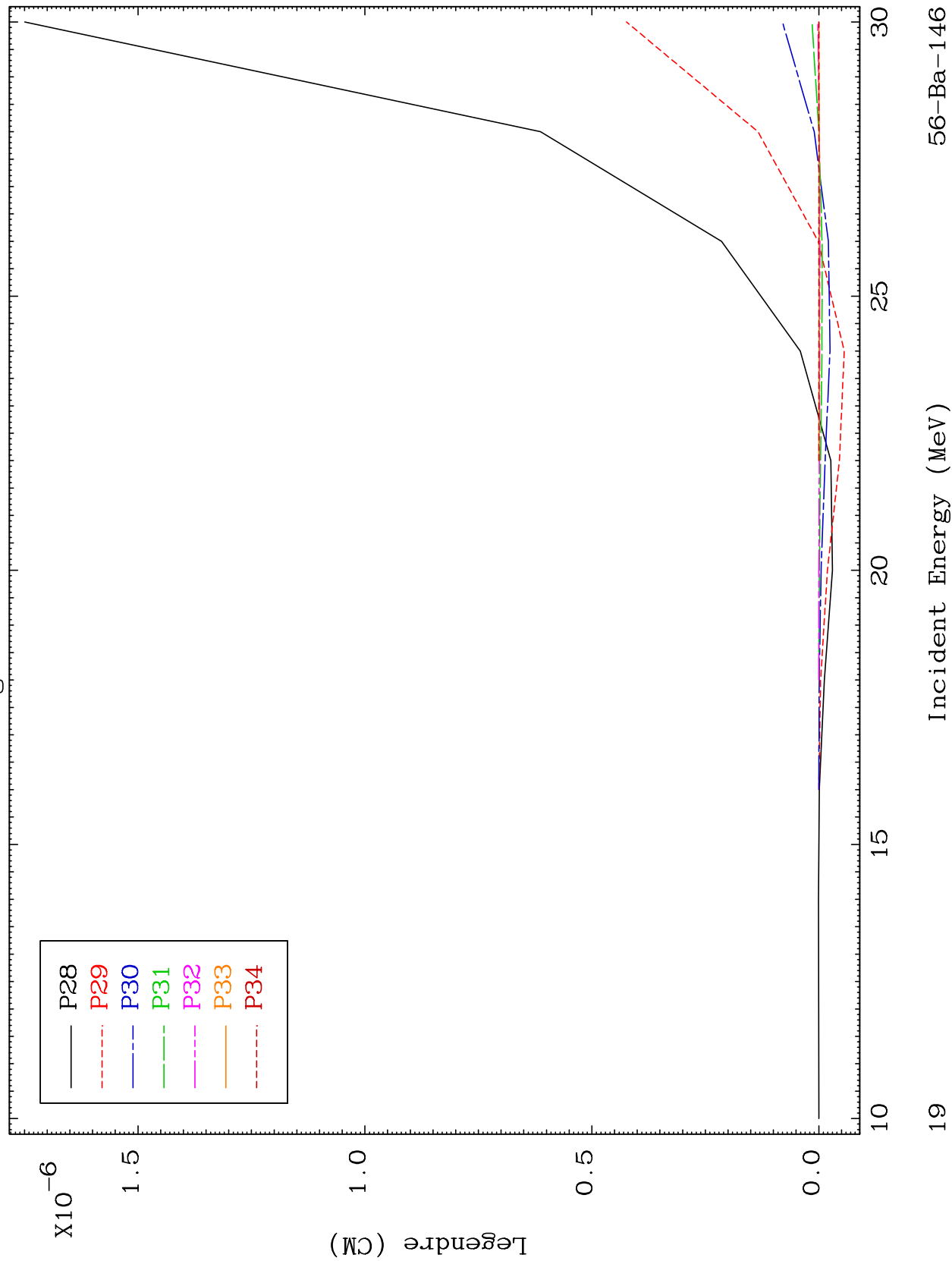
Incident Energy (MeV)

56-Ba-146

MAT 5673

Elastic Legendre Coefficients

56-Ba-146



19

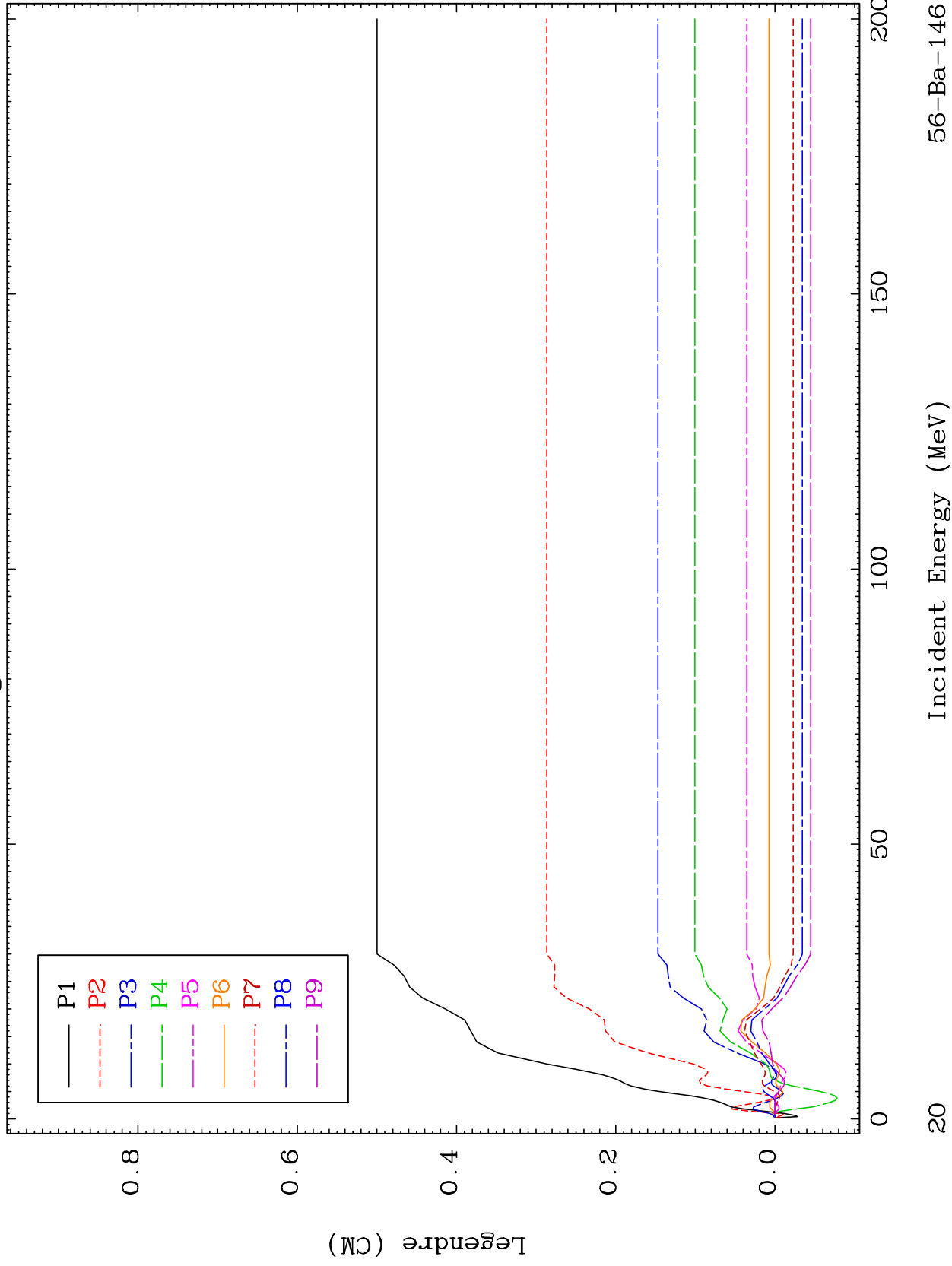
Incident Energy (MeV)

56-Ba-146

MAT 5673

181.0 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

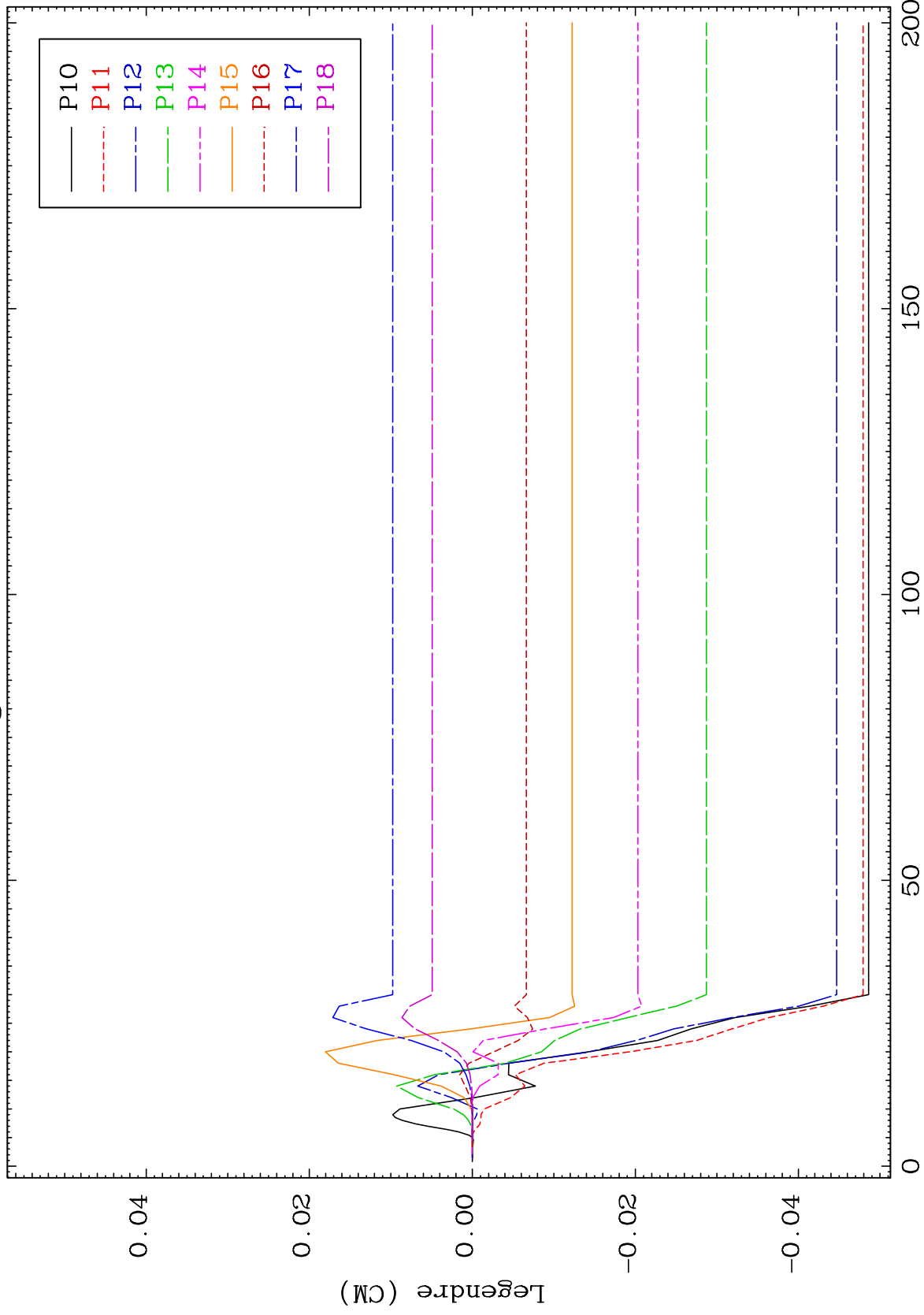
Incident Energy (MeV)

0

MAT 5673

181.0 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



21

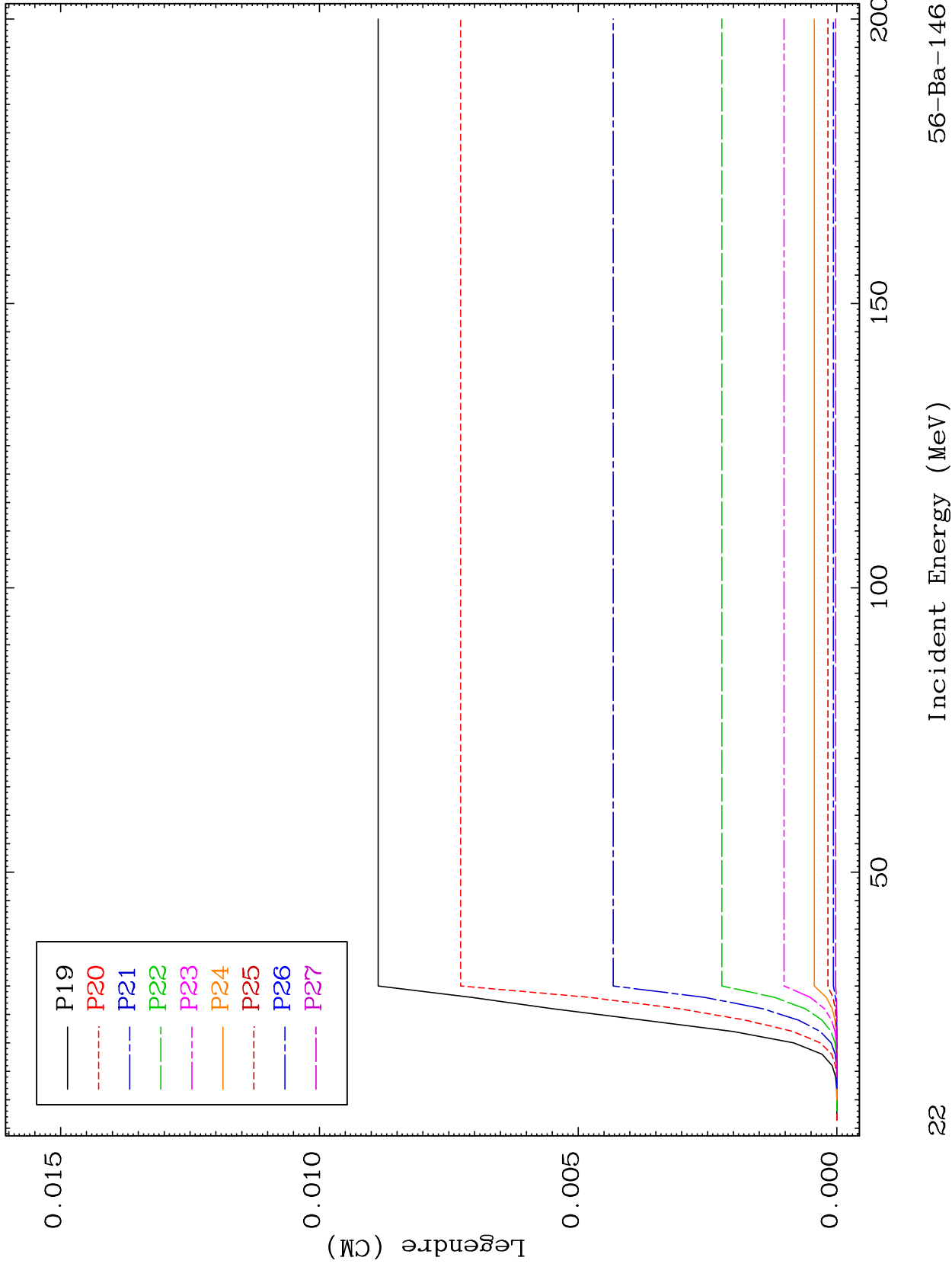
Incident Energy (MeV)

56-Ba-146

MAT 5673

181.0 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



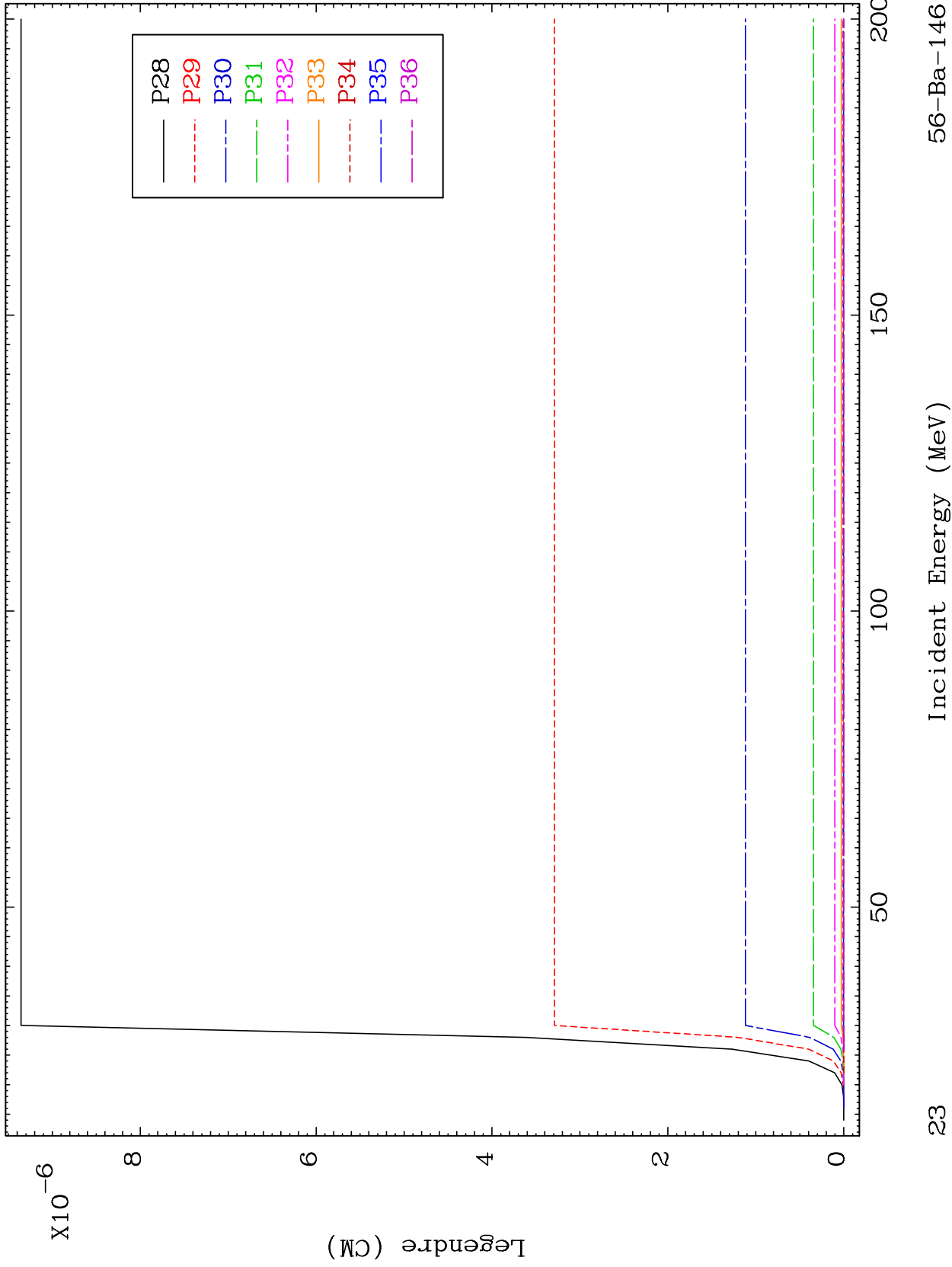
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56-Ba-146

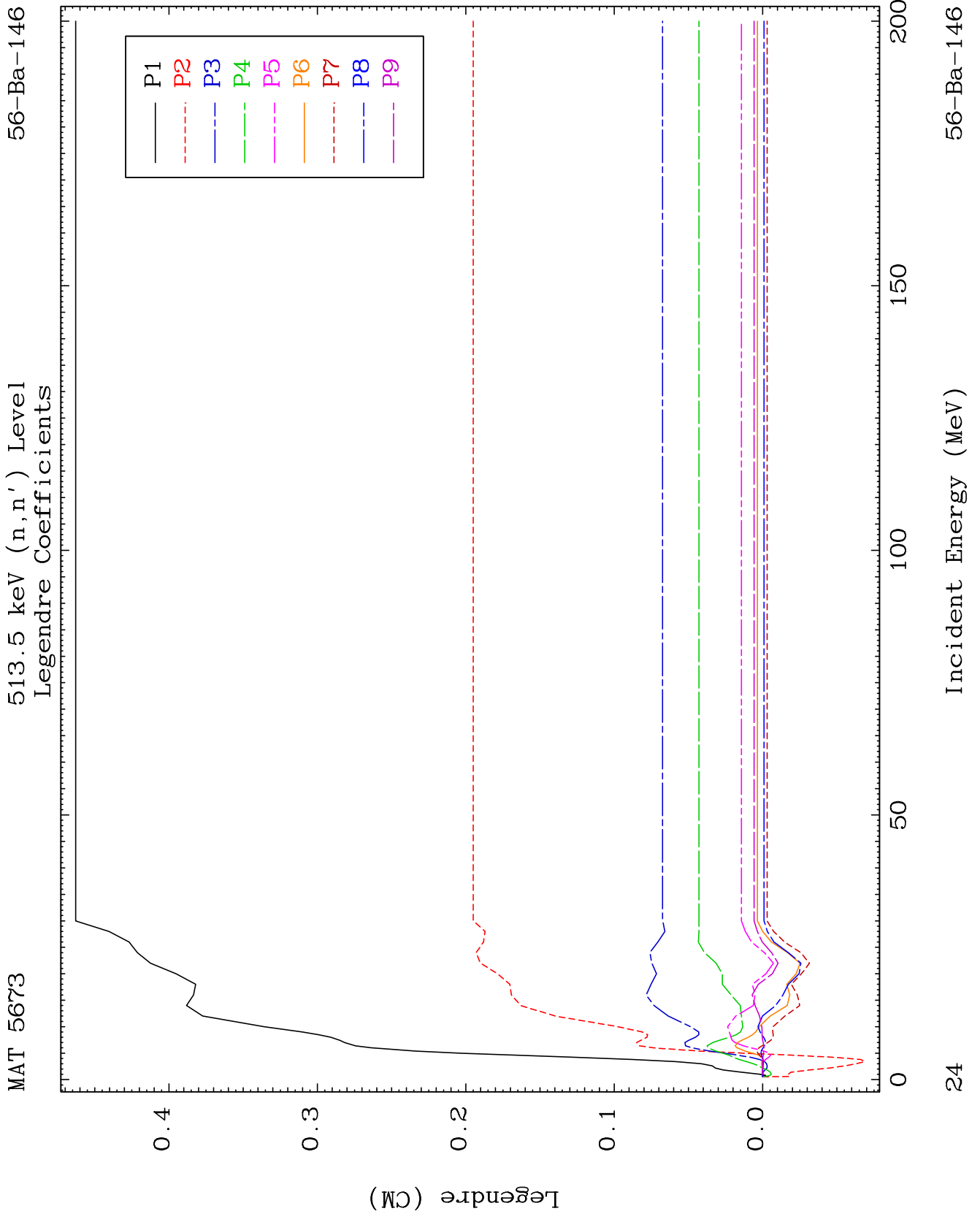
MAT 5673

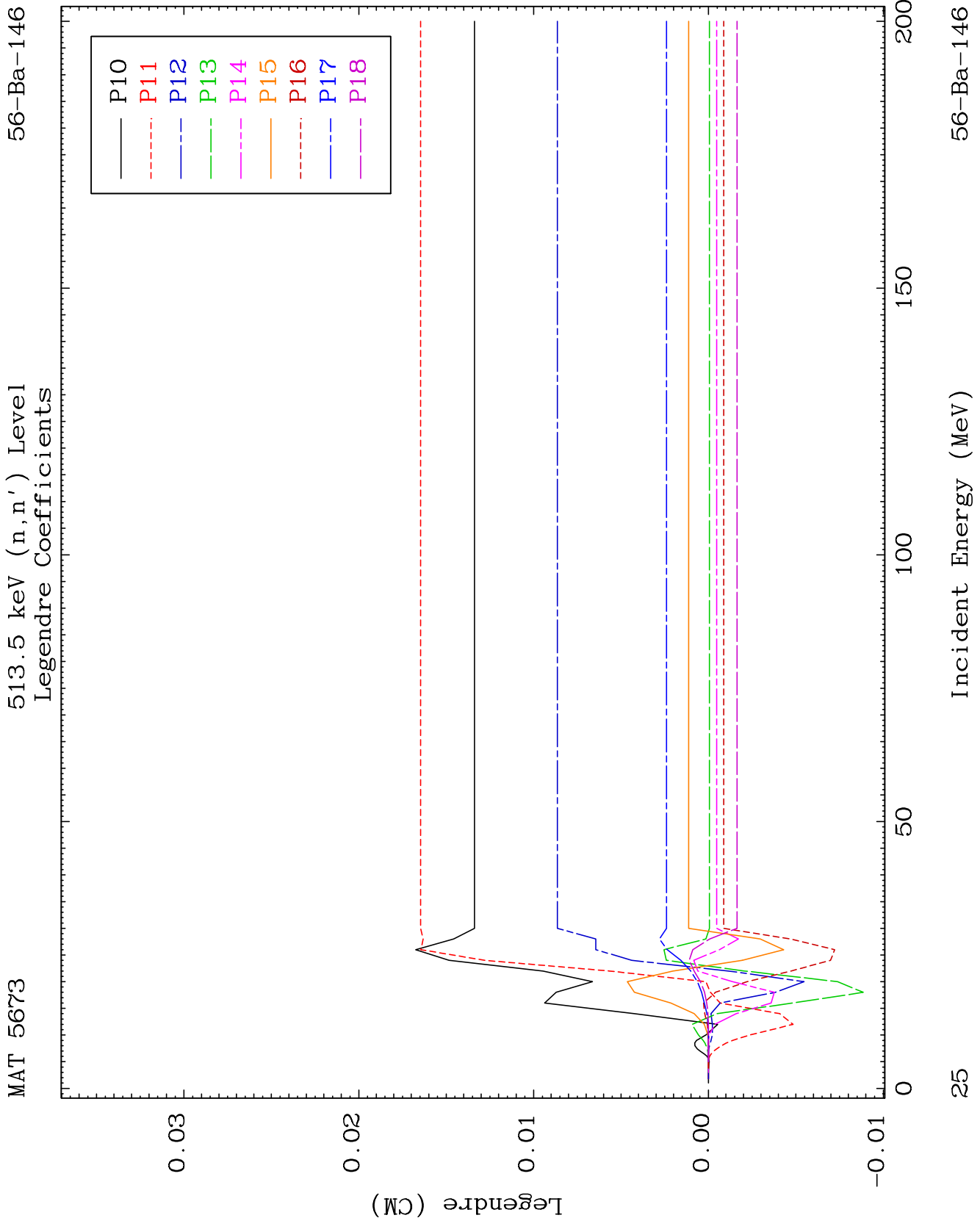
181.0 keV (n, n') Level  
Legendre Coefficients

56-Ba-146





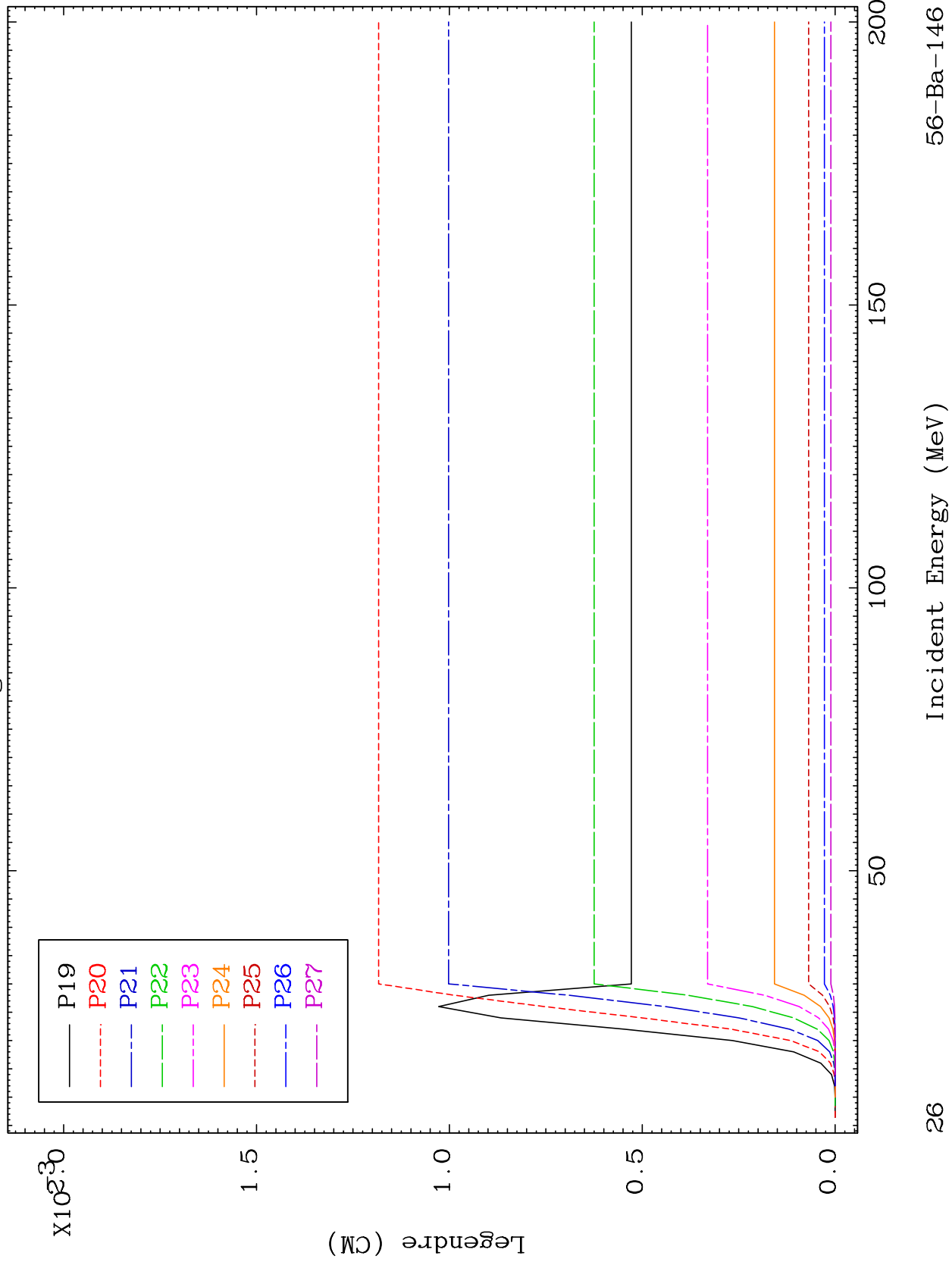




MAT 5673

513.5 keV (n, n') Level  
Legendre Coefficients

56-Ba-146

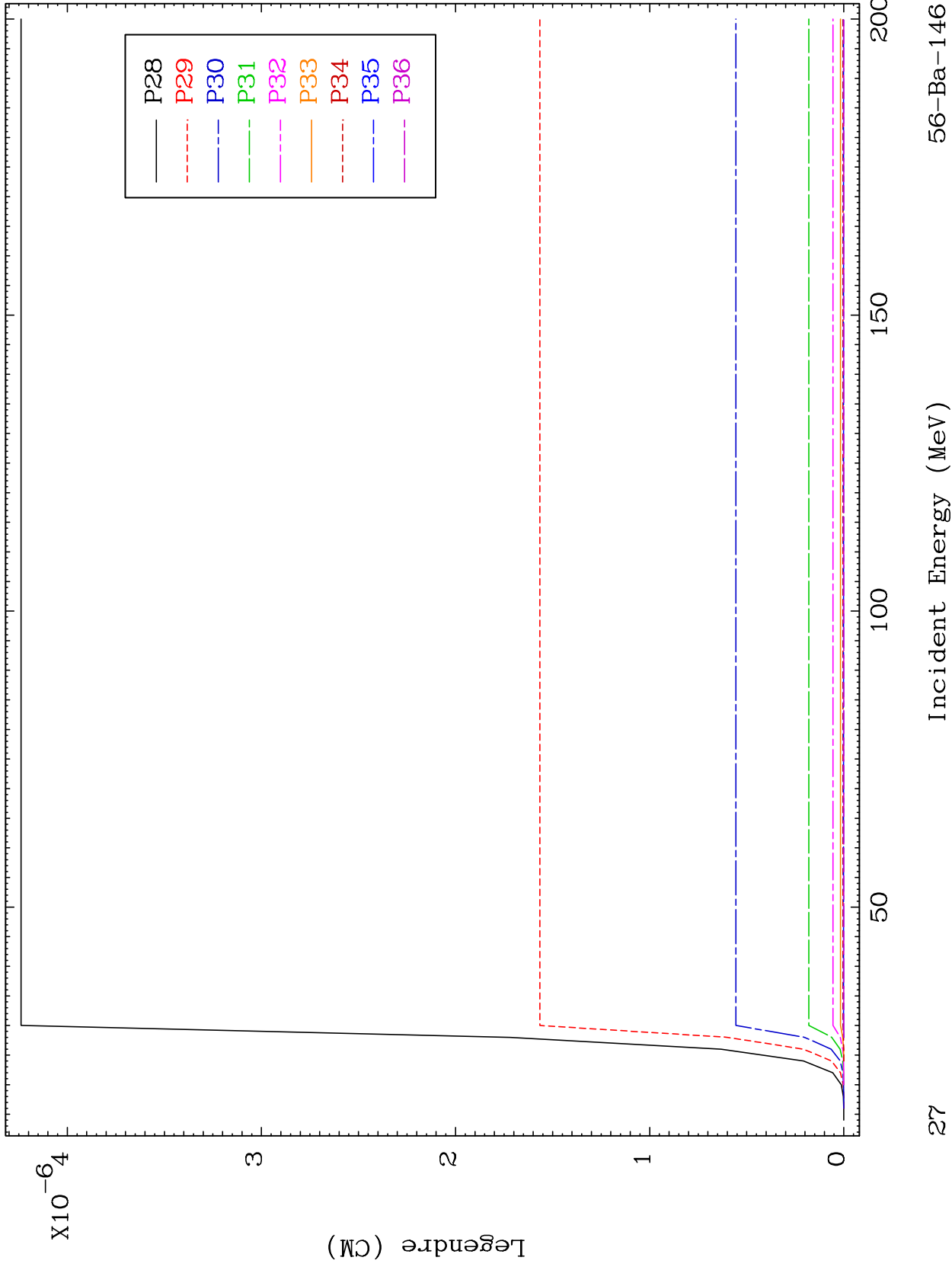


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MAT 5673

513.5 keV (n,n') Level  
Legendre Coefficients

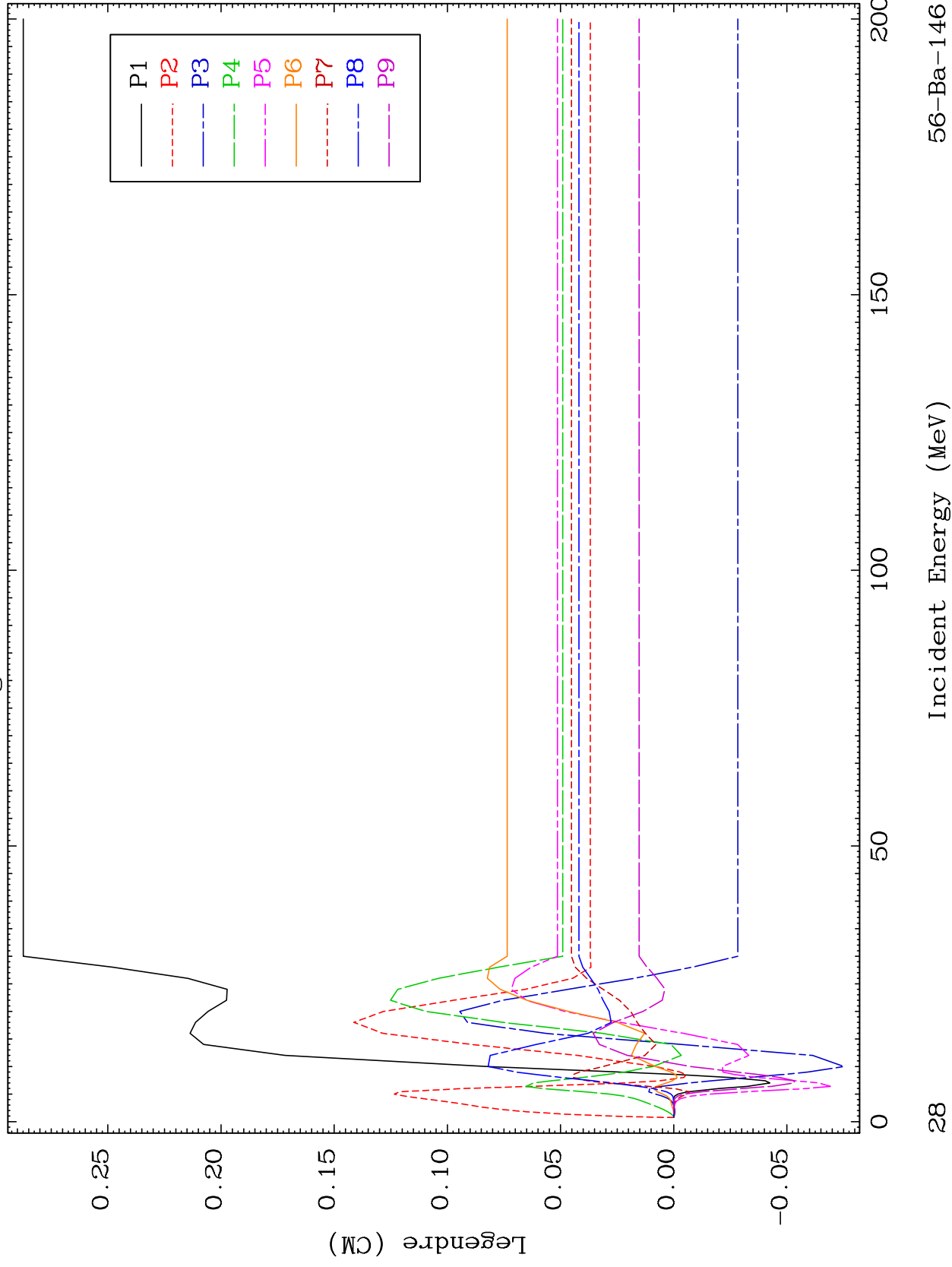
56-Ba-146



MAT 5673

738.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

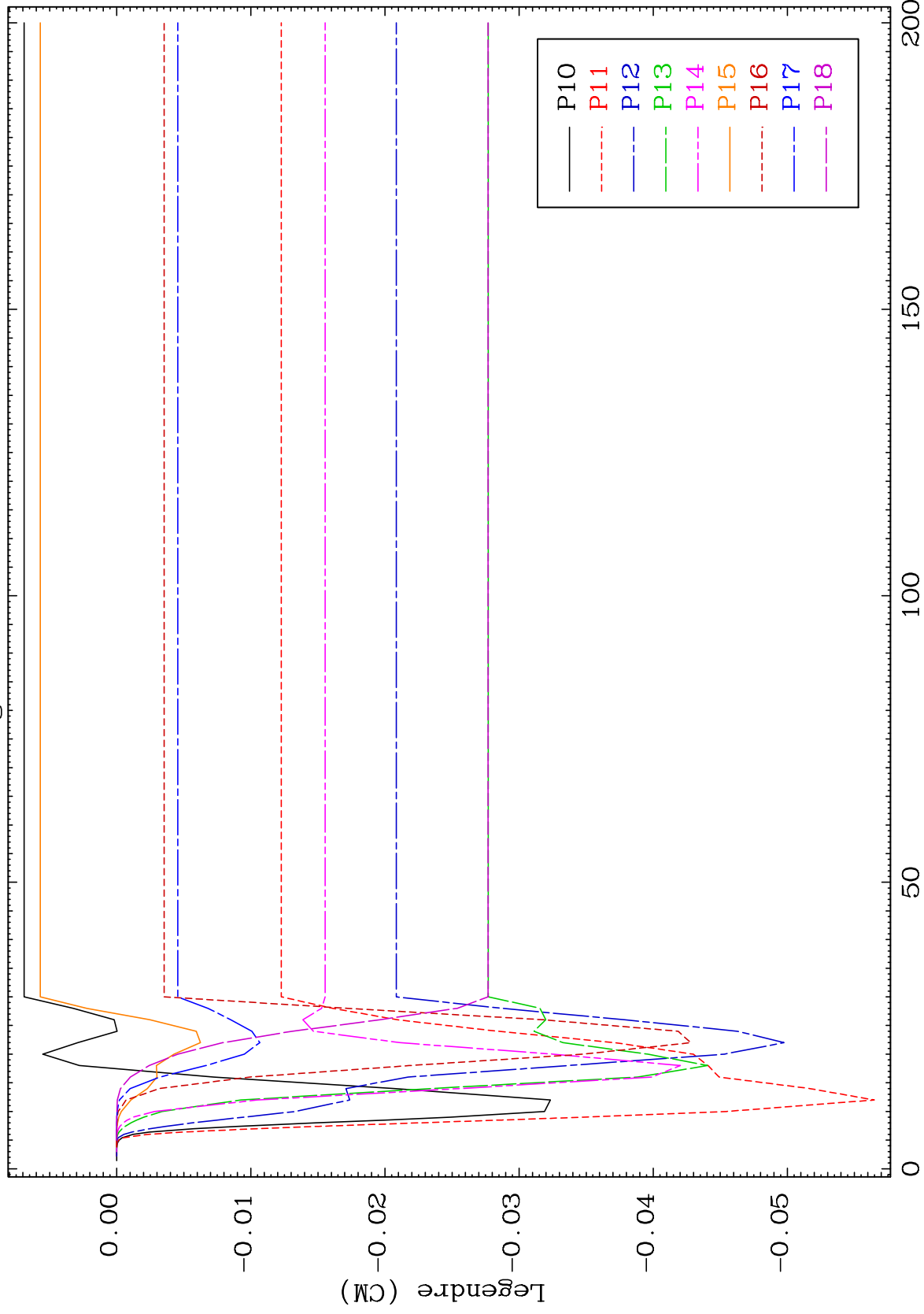
Incident Energy (MeV)

28

MAT 5673

738.7 keV (n,n') Level  
Legendre Coefficients

56-Ba-146

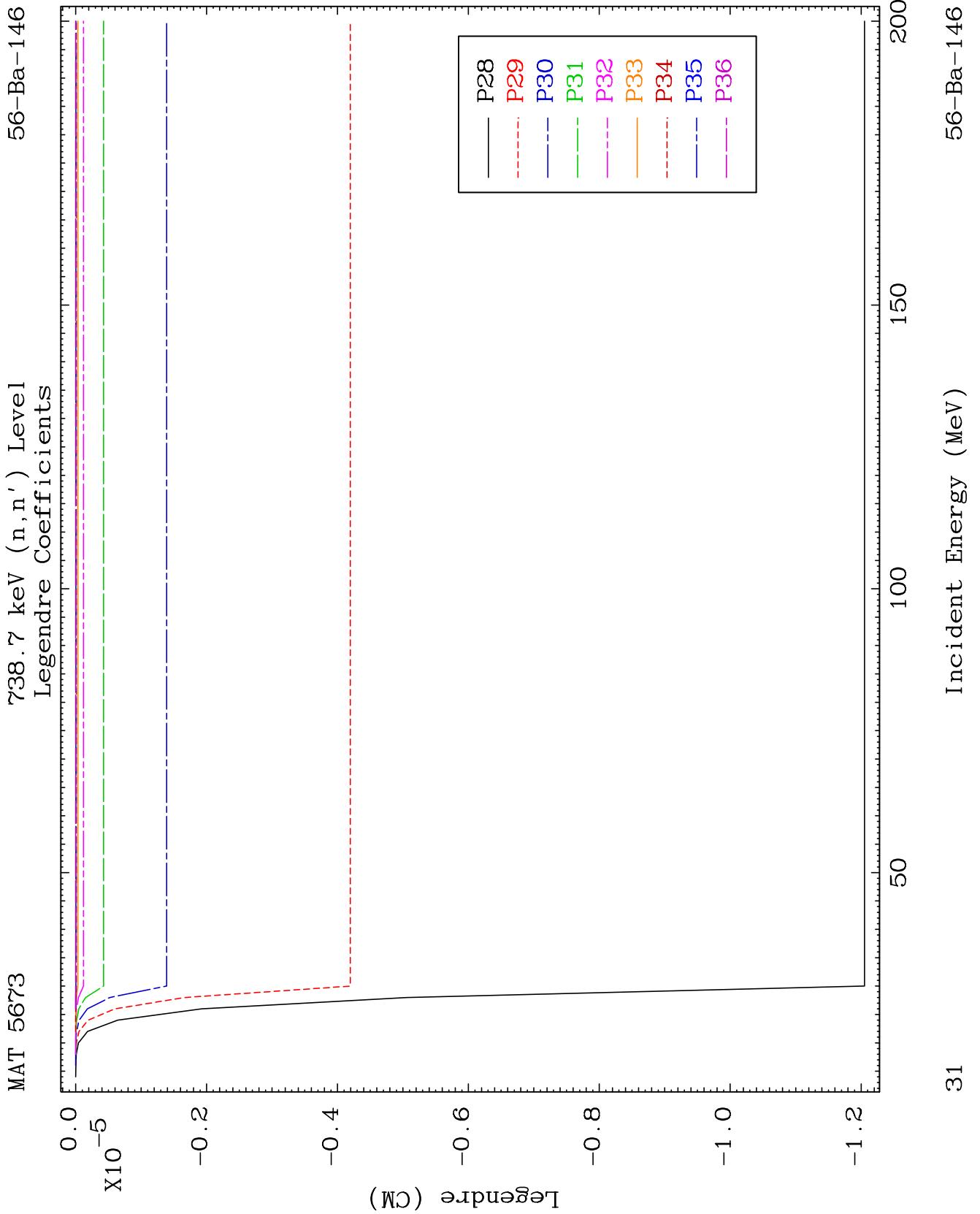


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Incident Energy (MeV)

56-Ba-146



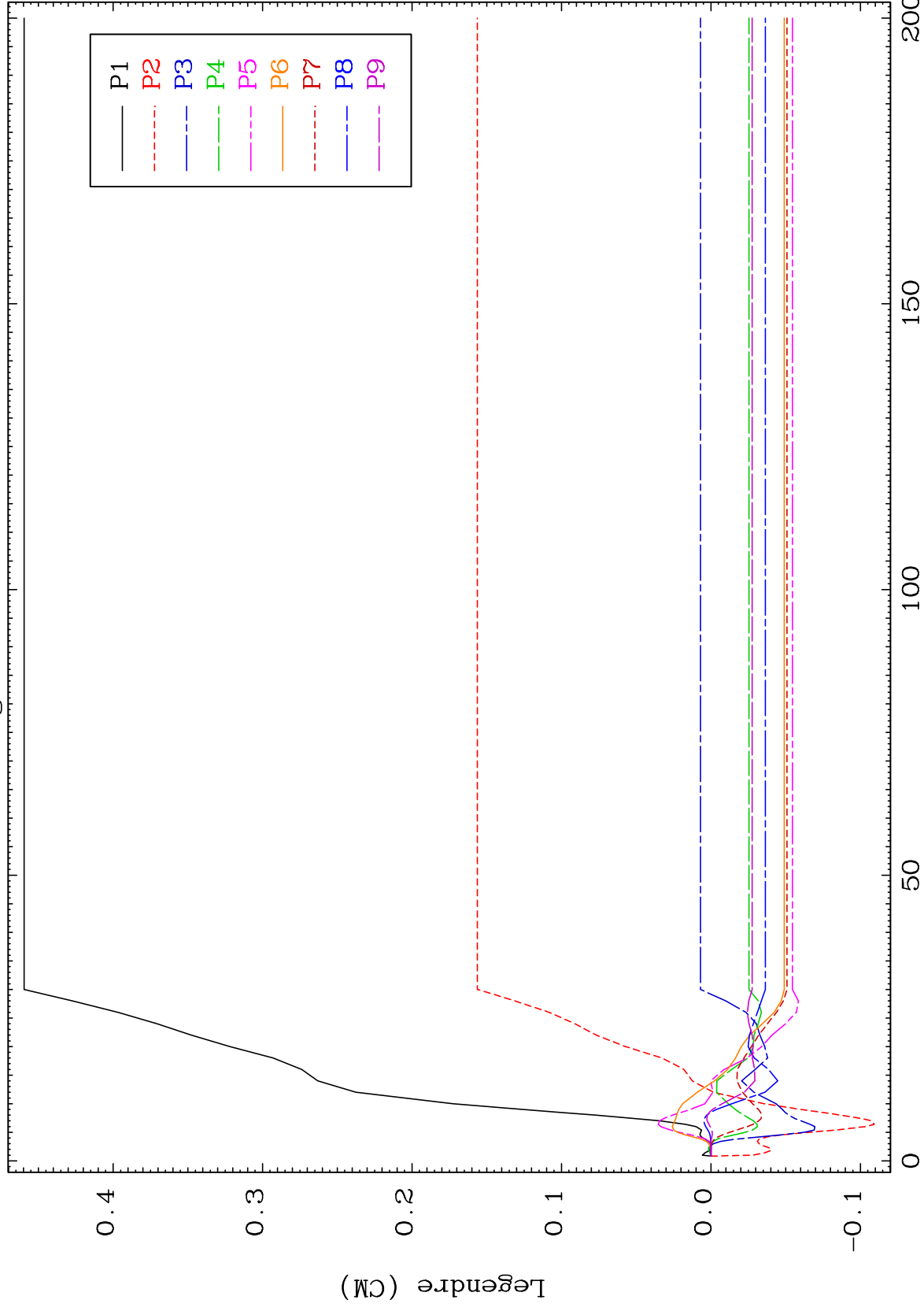




MAT 5673

820.9 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

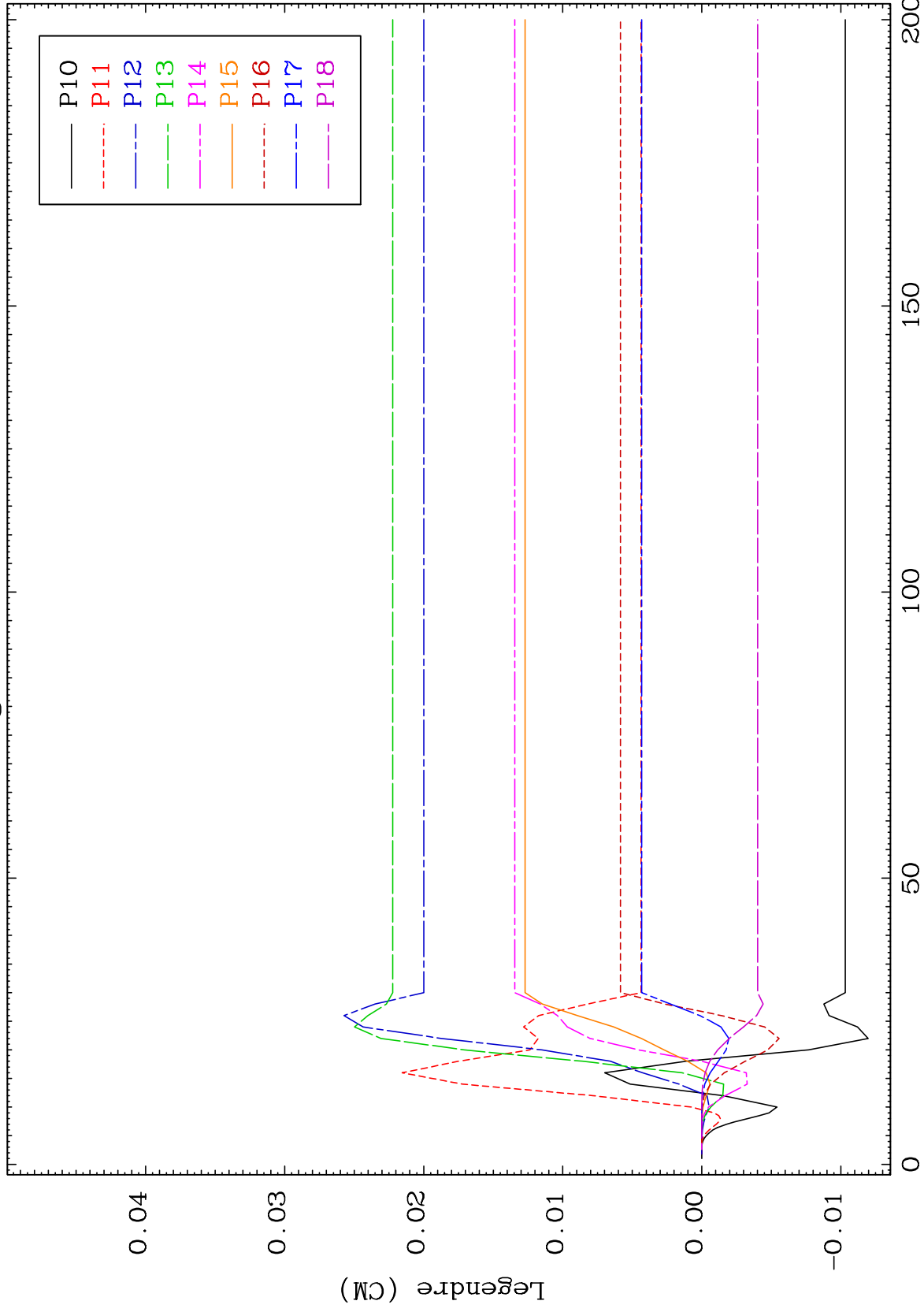
Incident Energy (MeV)

32

MAT 5673

820.9 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



33

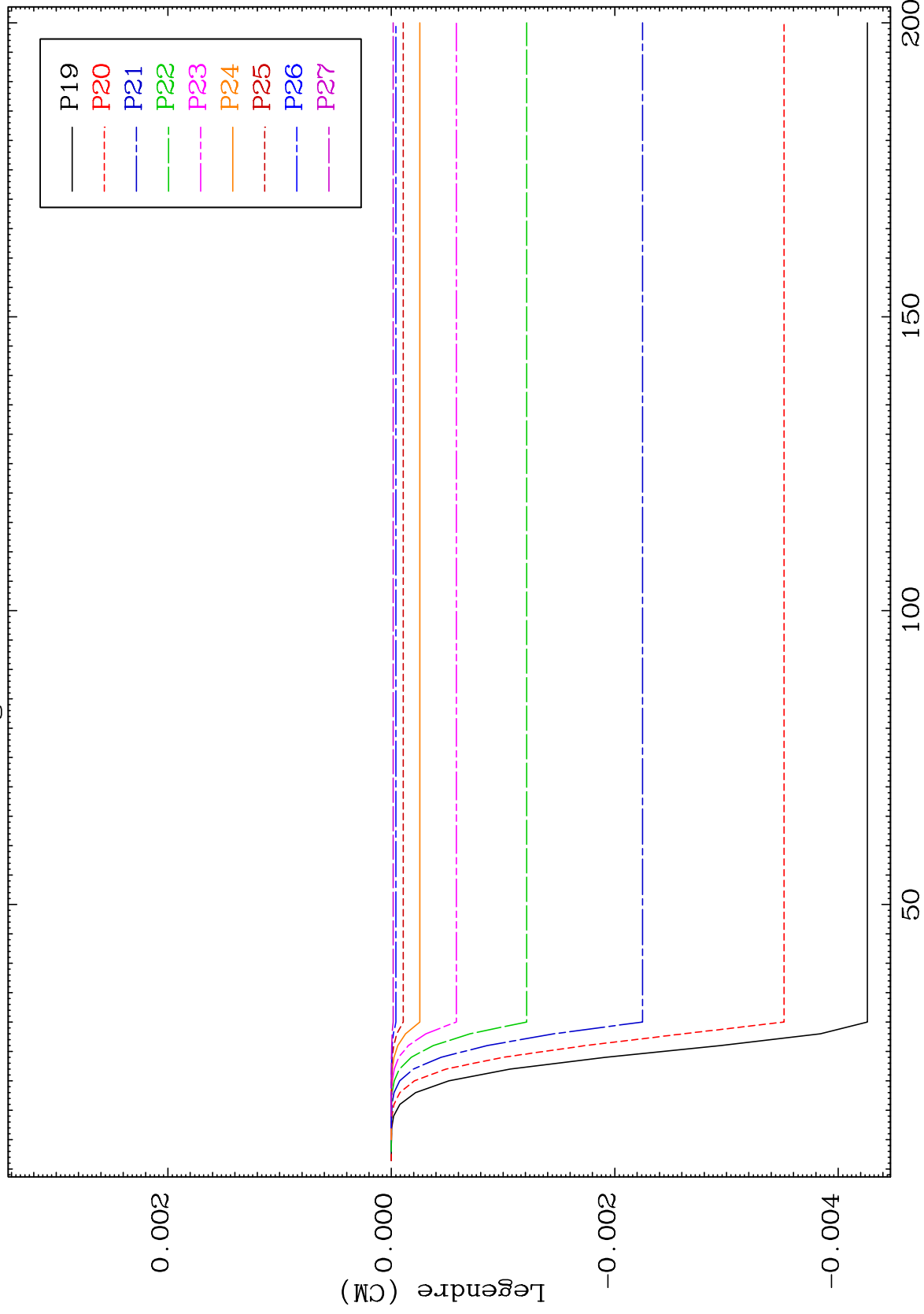
Incident Energy (MeV)

56-Ba-146

MAT 5673

820.9 keV (n,n') Level  
Legendre Coefficients

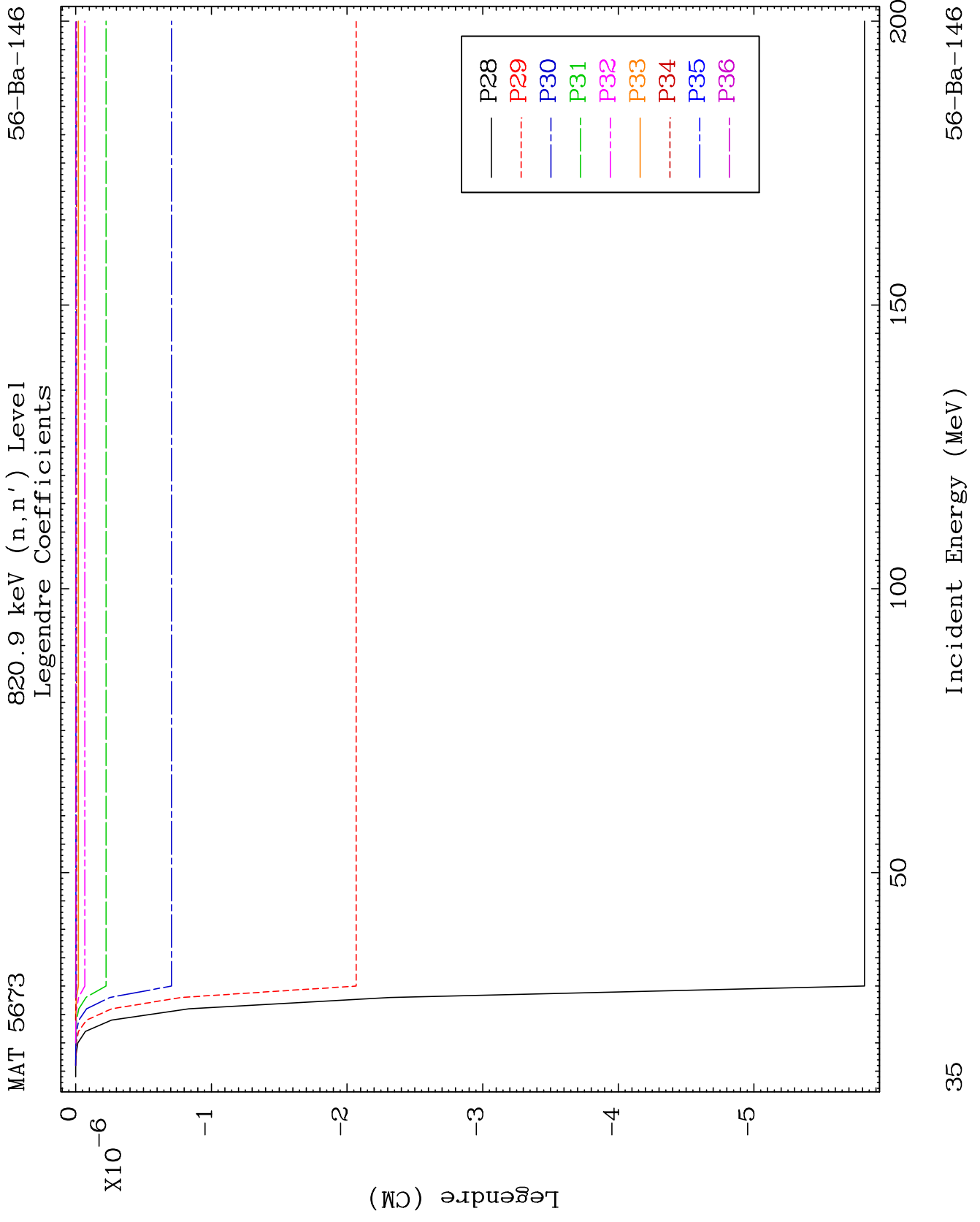
56-Ba-146



34

Incident Energy (MeV)

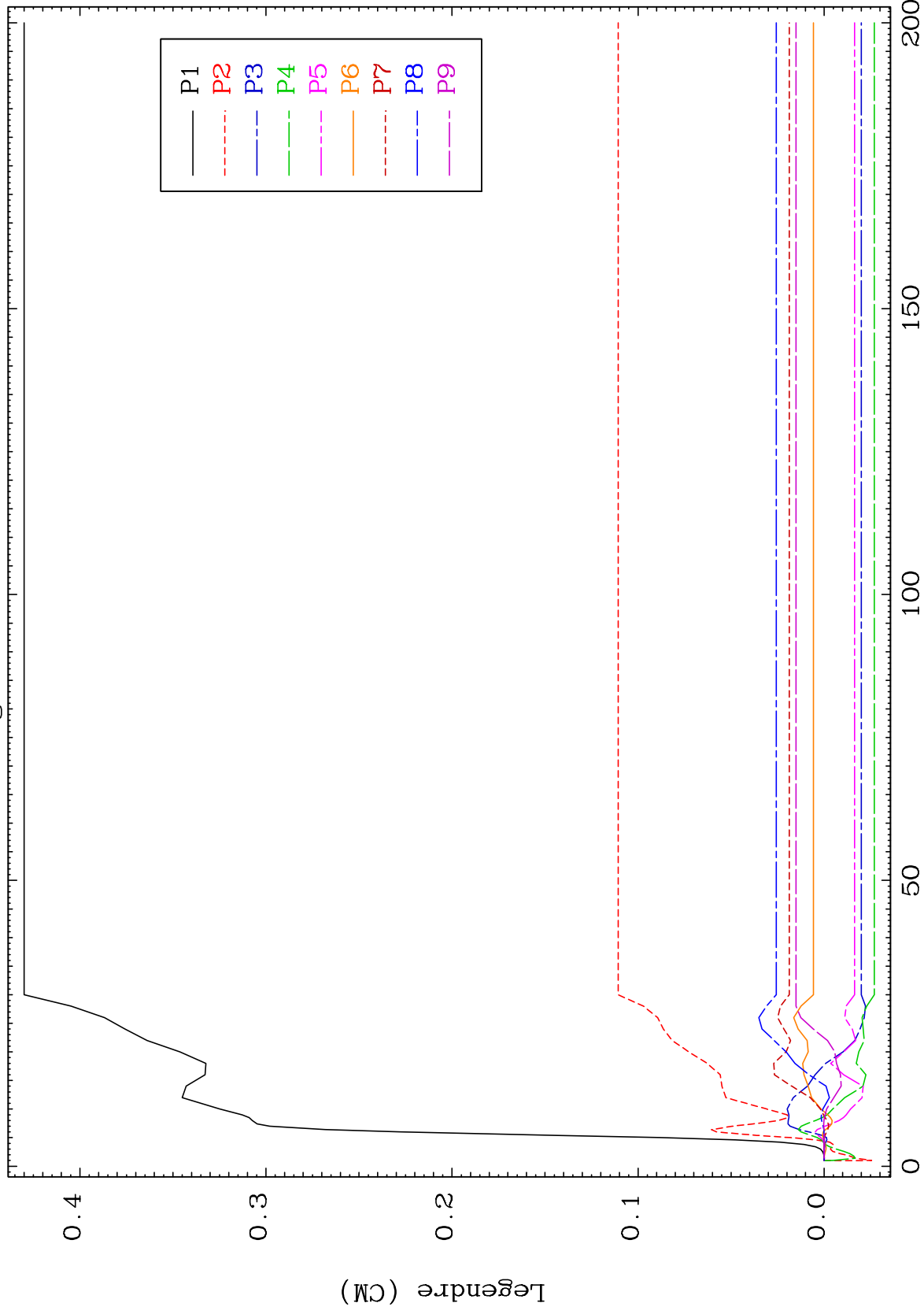
56-Ba-146



MAT 5673

958.2 keV (n, n') Level  
Legendre Coefficients

56-Ba-146



36

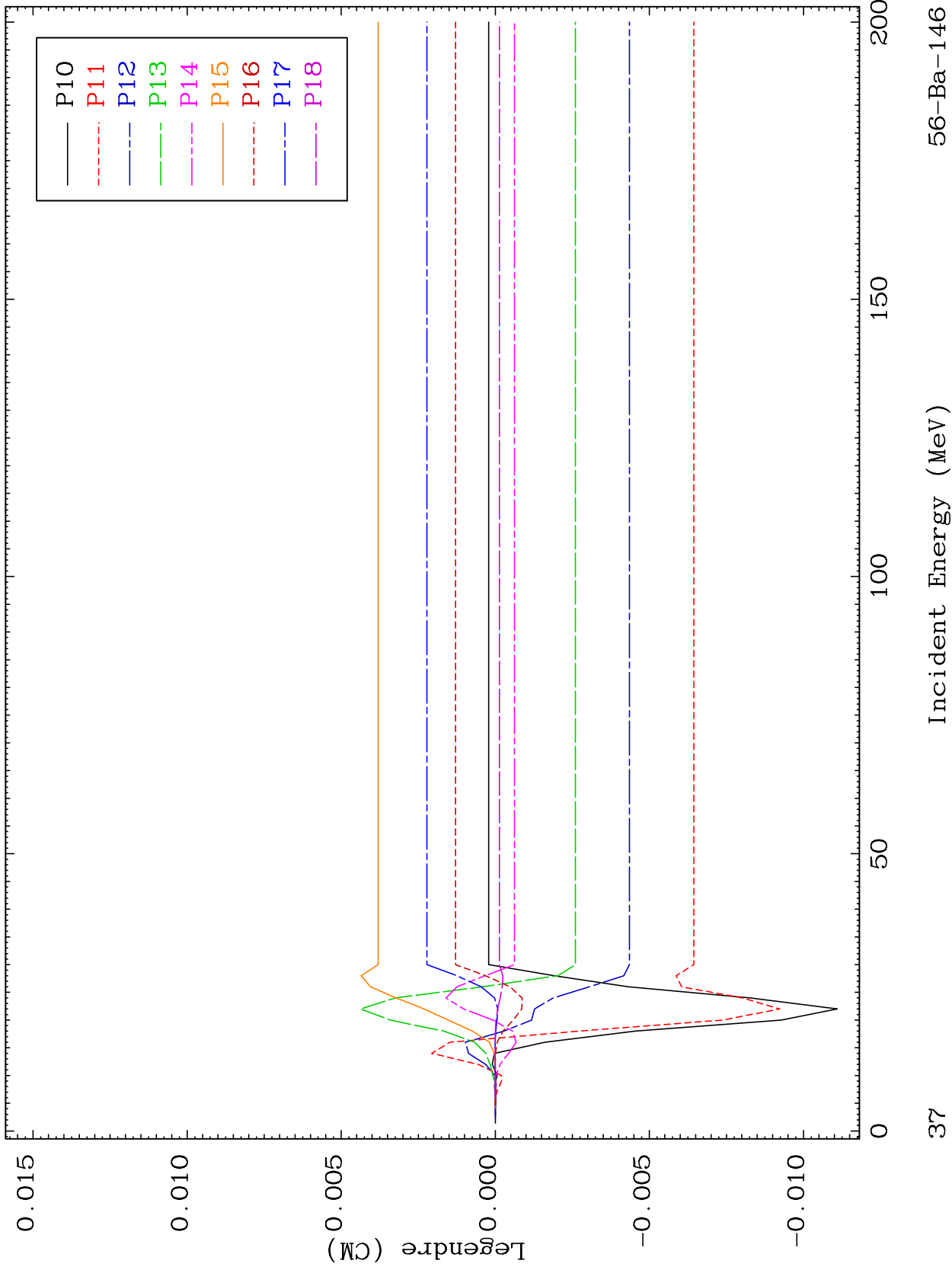
Incident Energy (MeV)

56-Ba-146

MAT 5673

958.2 keV (n,n') Level  
Legendre Coefficients

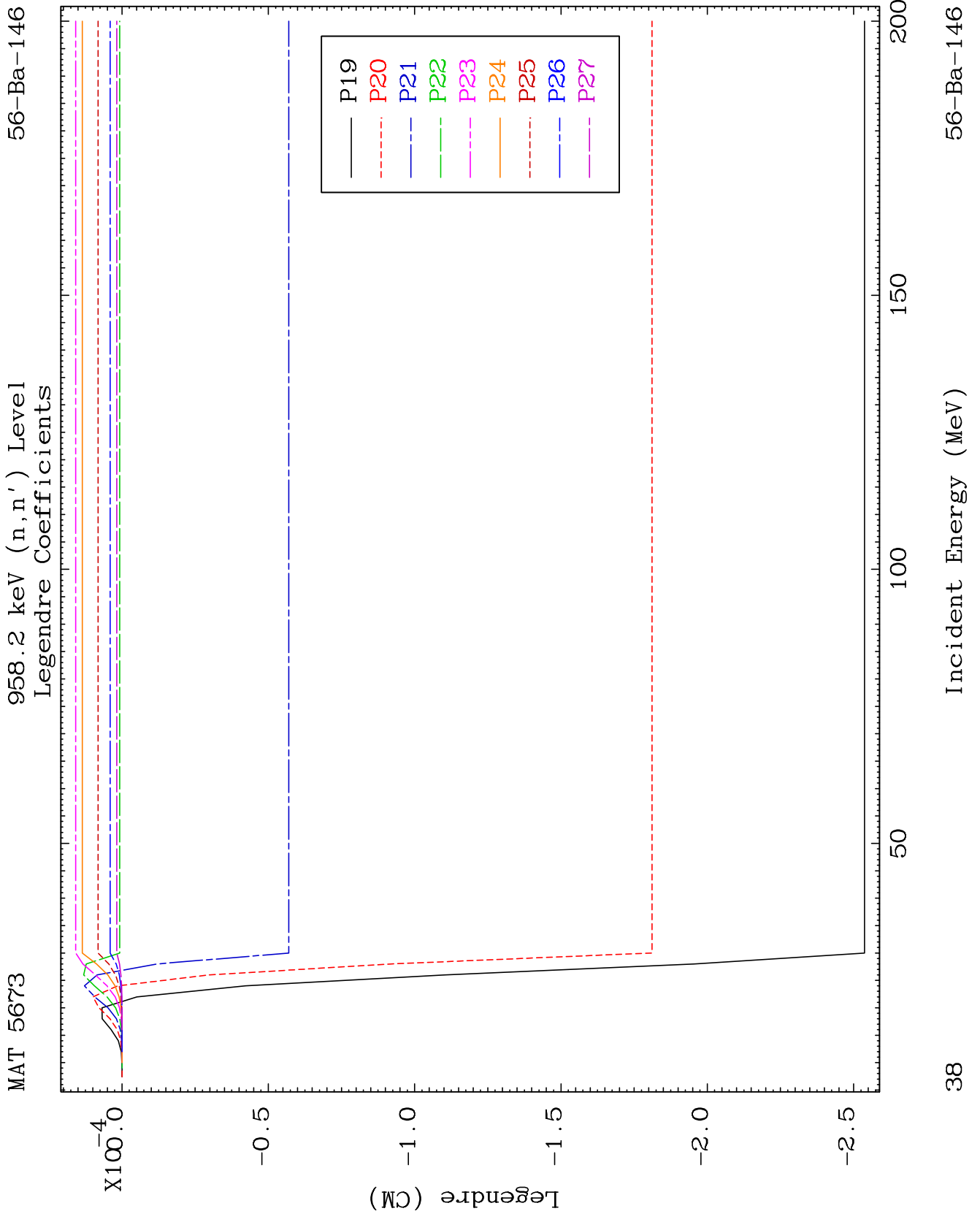
56-Ba-146



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Incident Energy (MeV)

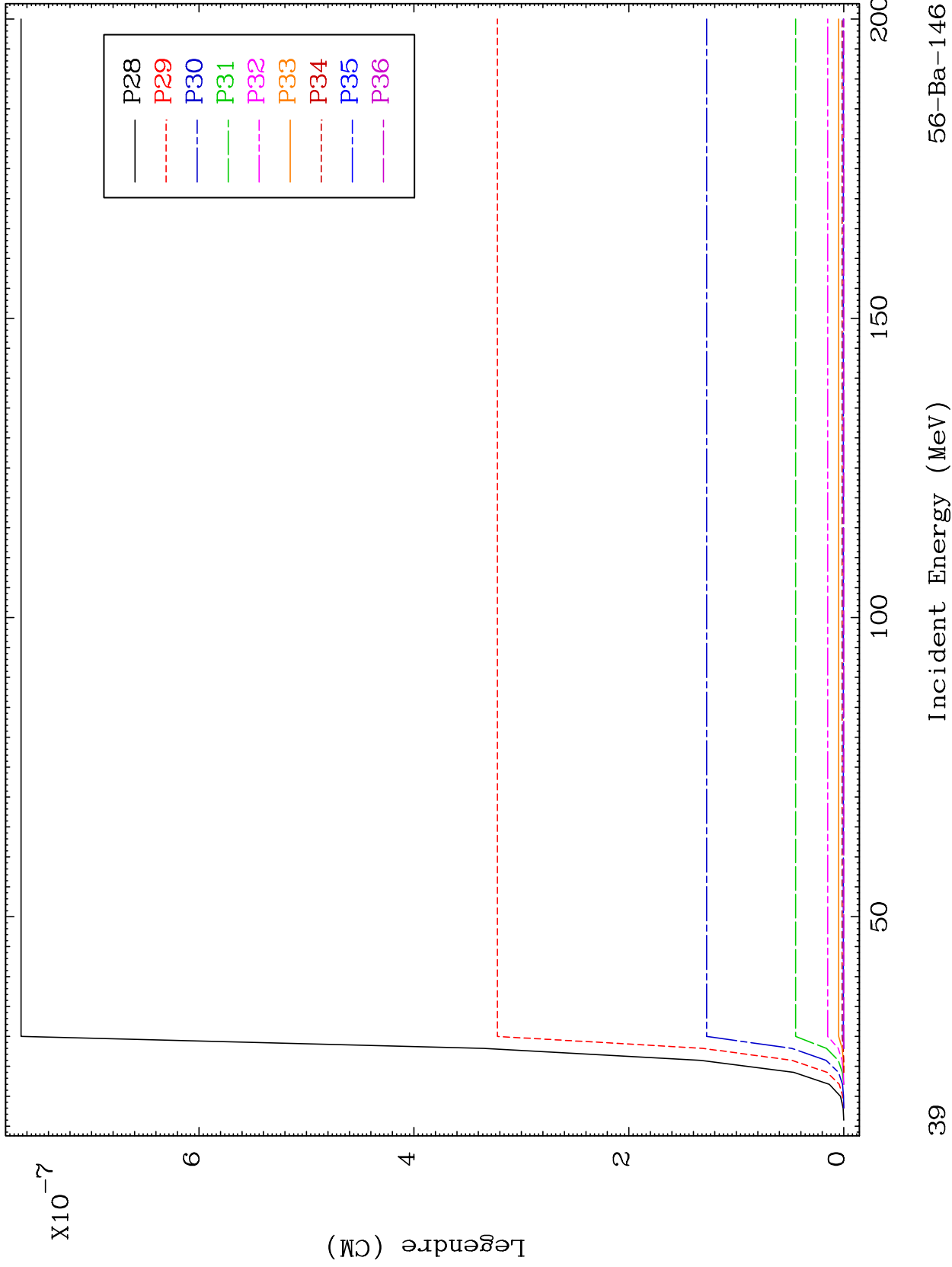
56-Ba-146



MAT 5673

958.2 keV (n,n') Level  
Legendre Coefficients

56-Ba-146



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Incident Energy (MeV)

56-Ba-146

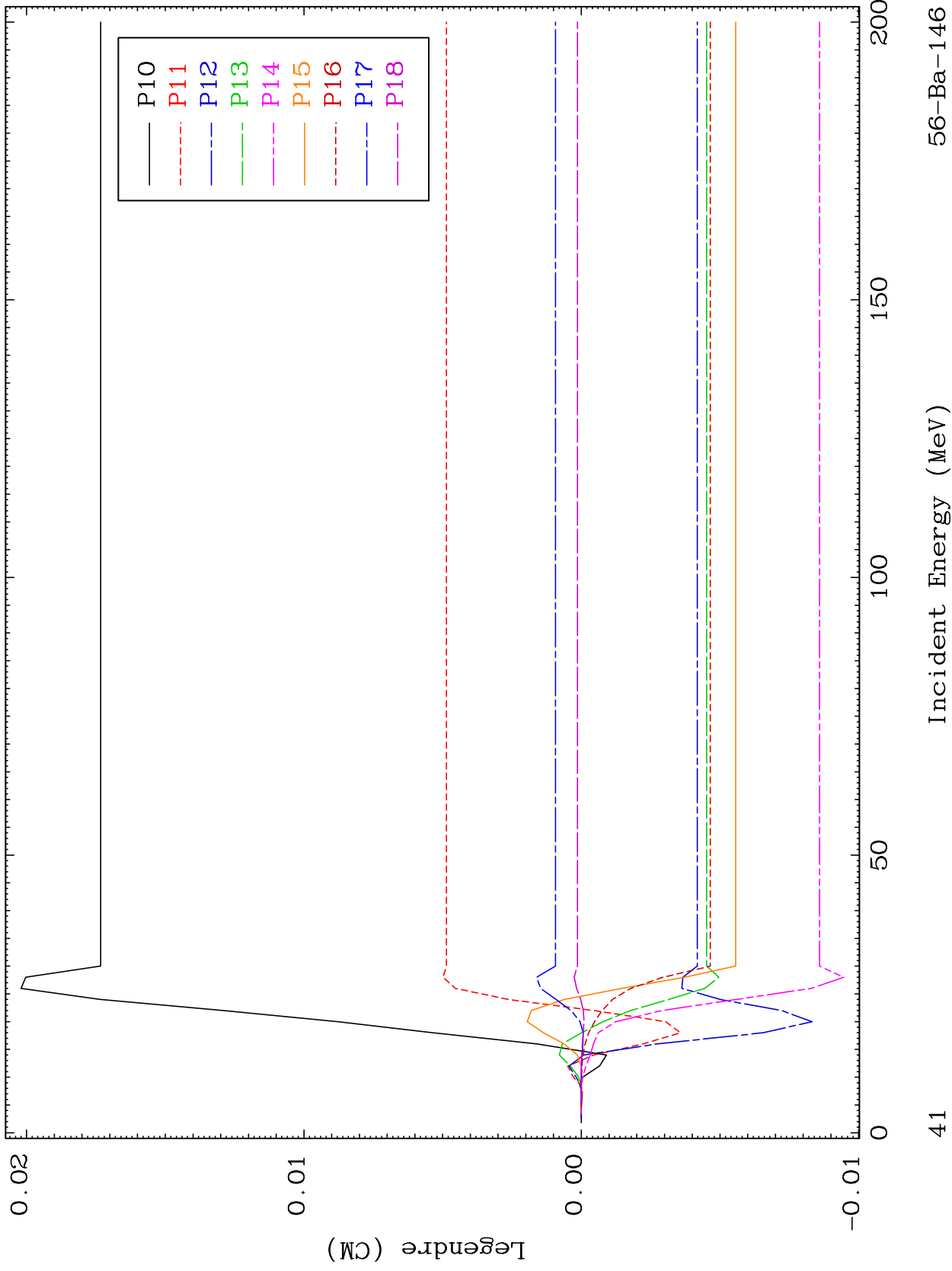




MAT 5673

1.024 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



41

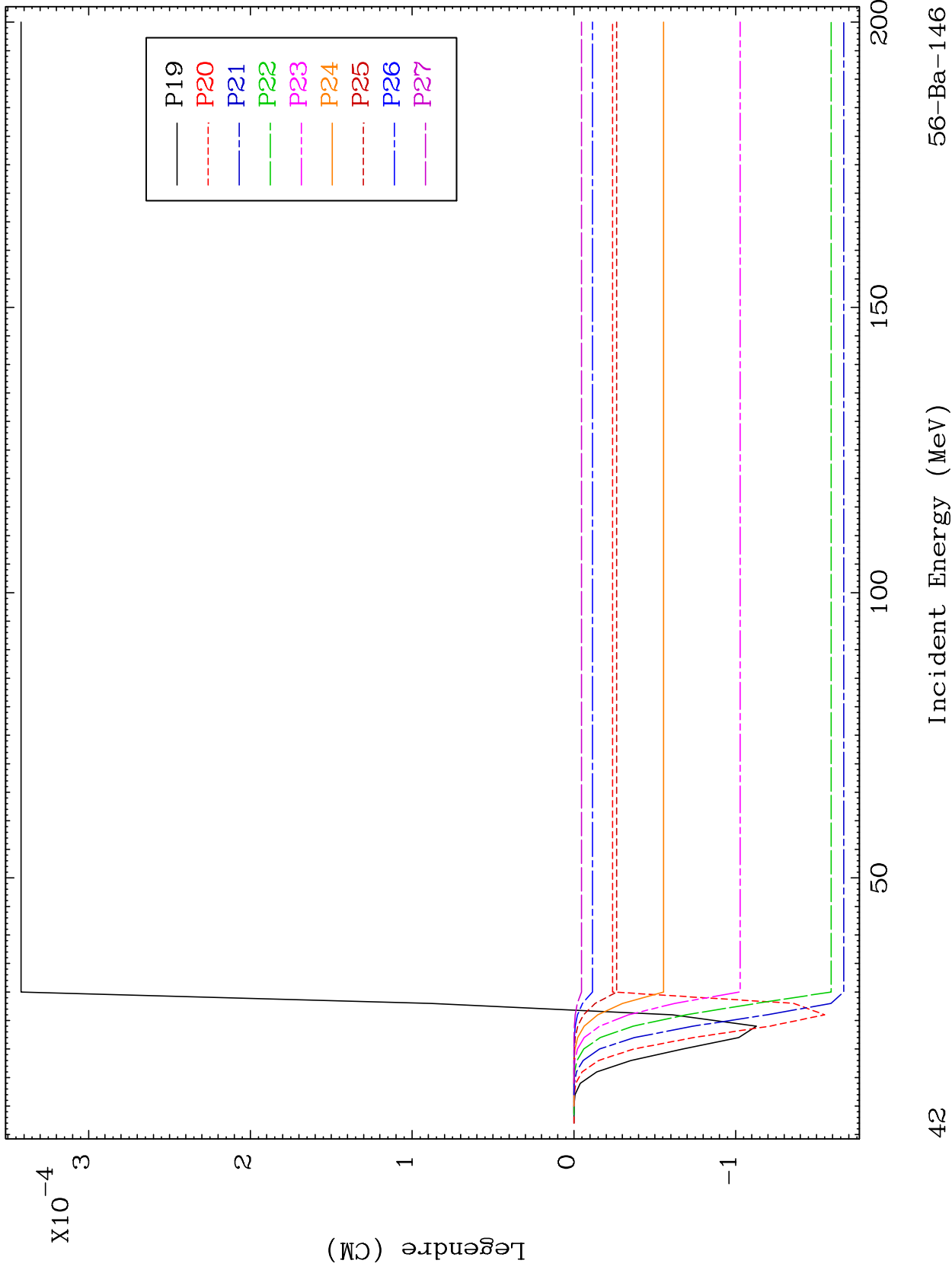
Incident Energy (MeV)

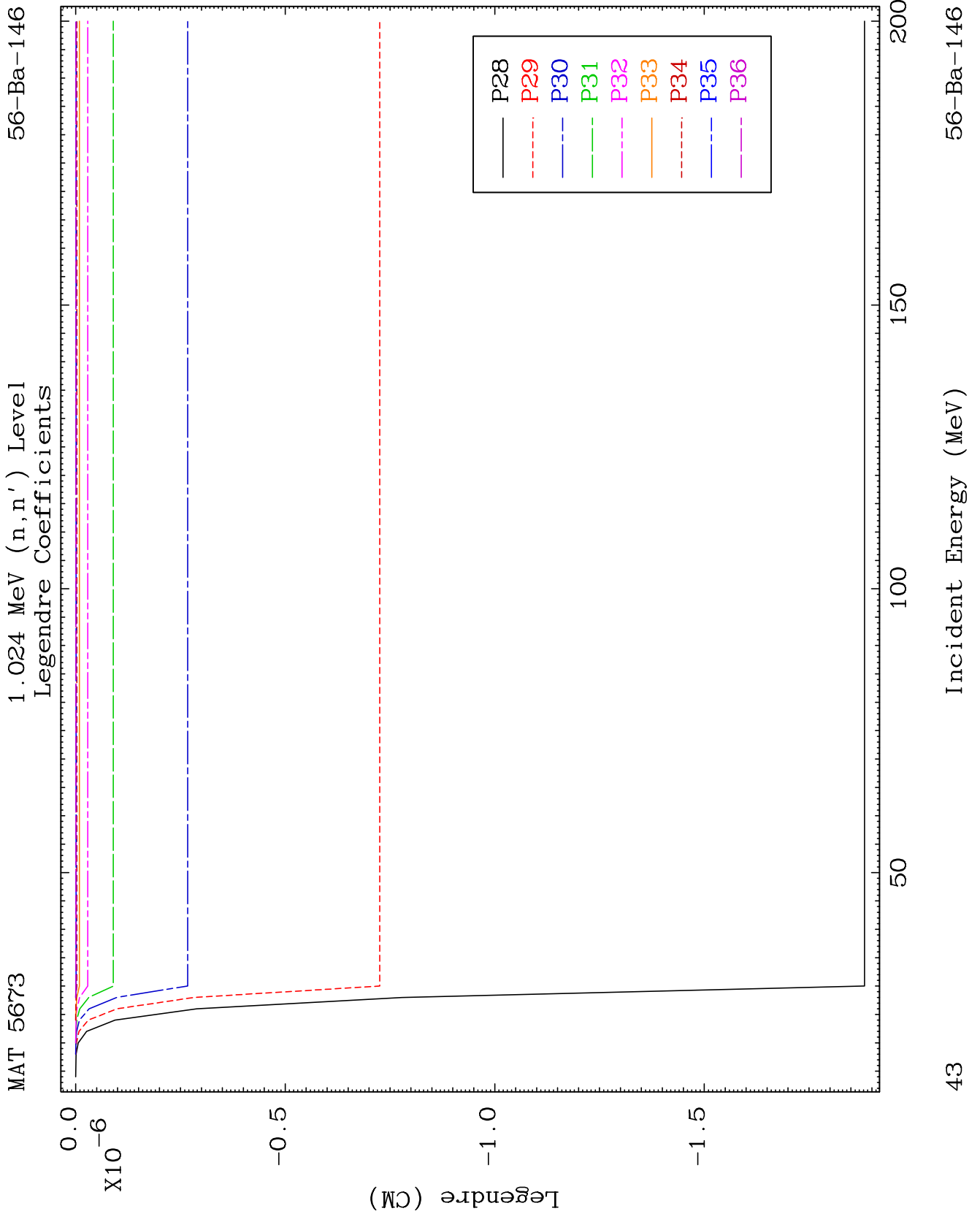
56-Ba-146

MAT 5673

1.024 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146











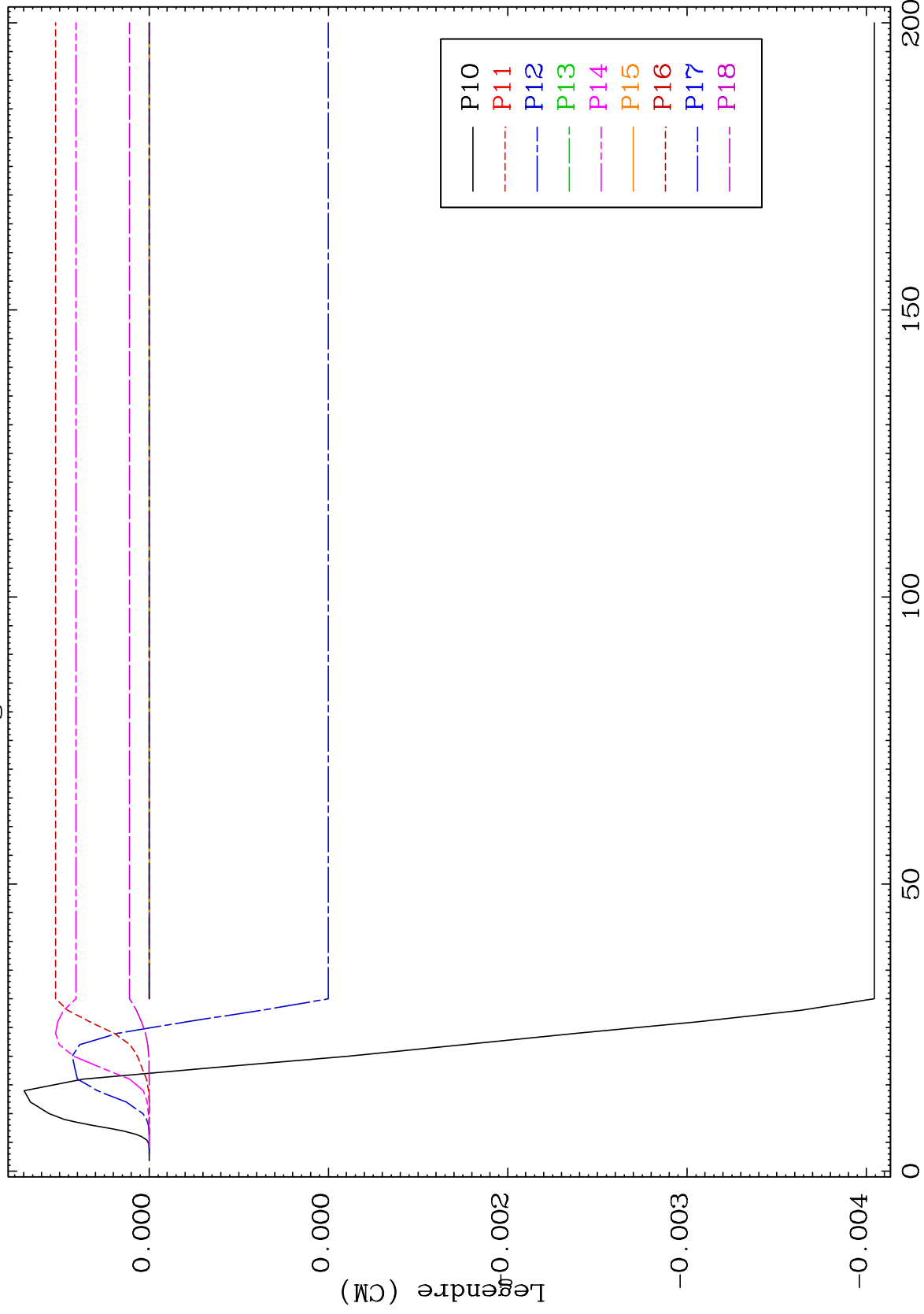




MAT 5673

1.115 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



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Incident Energy (MeV)

56-Ba-146

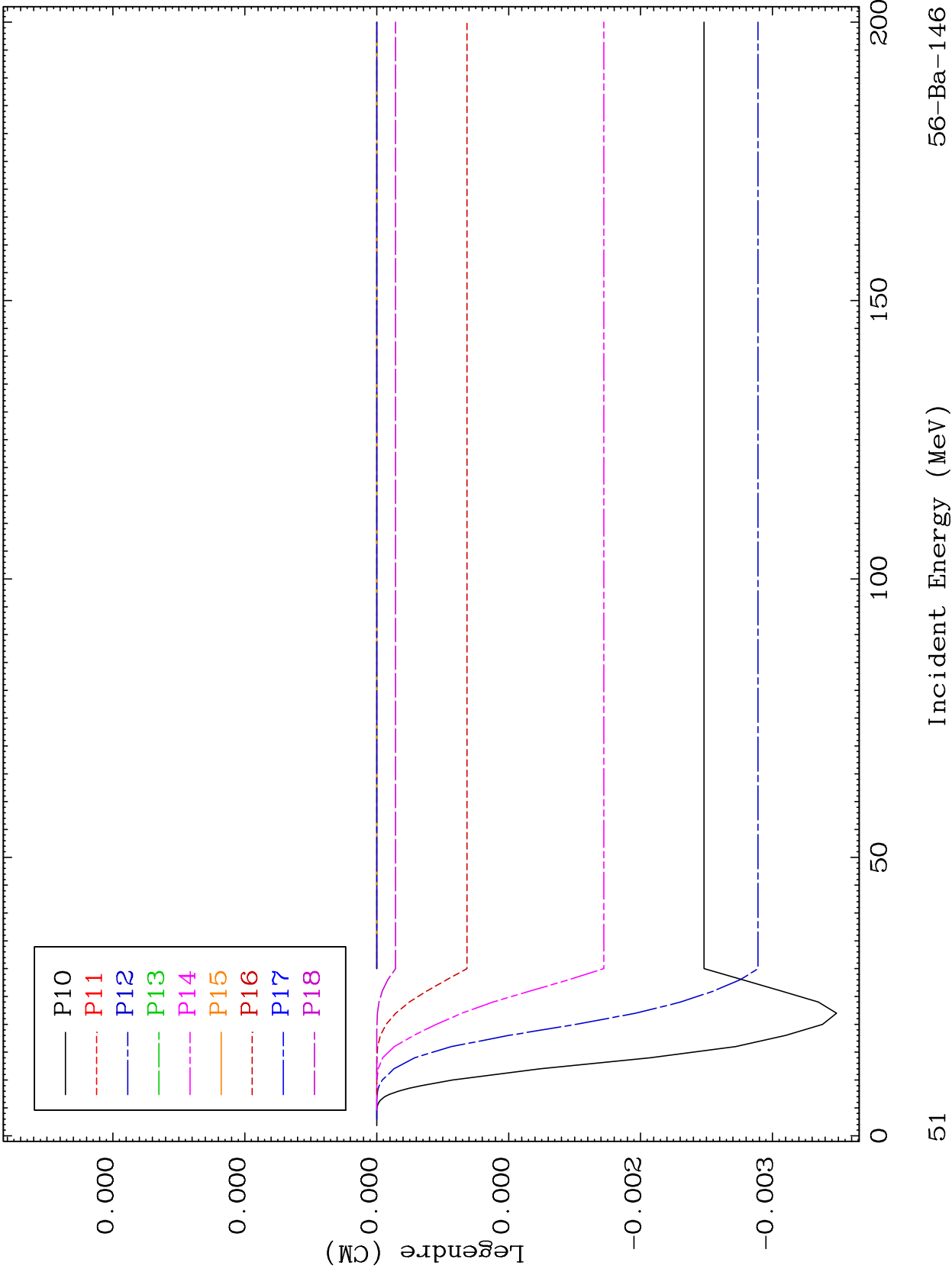




MAT 5673

1.256 MeV (n,n') Level Legendre Coefficients

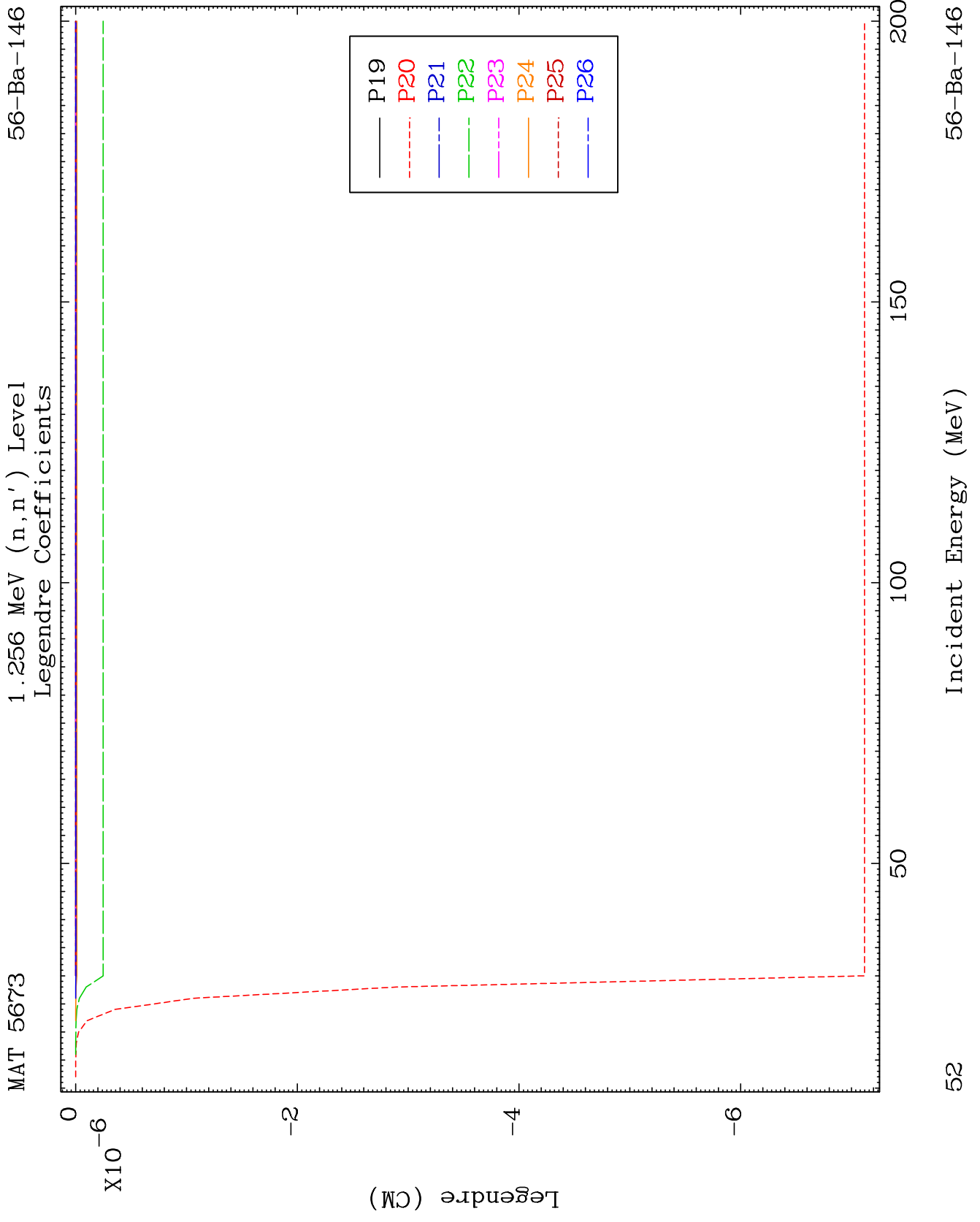
56-Ba-146



56-Ba-146

Incident Energy (MeV)

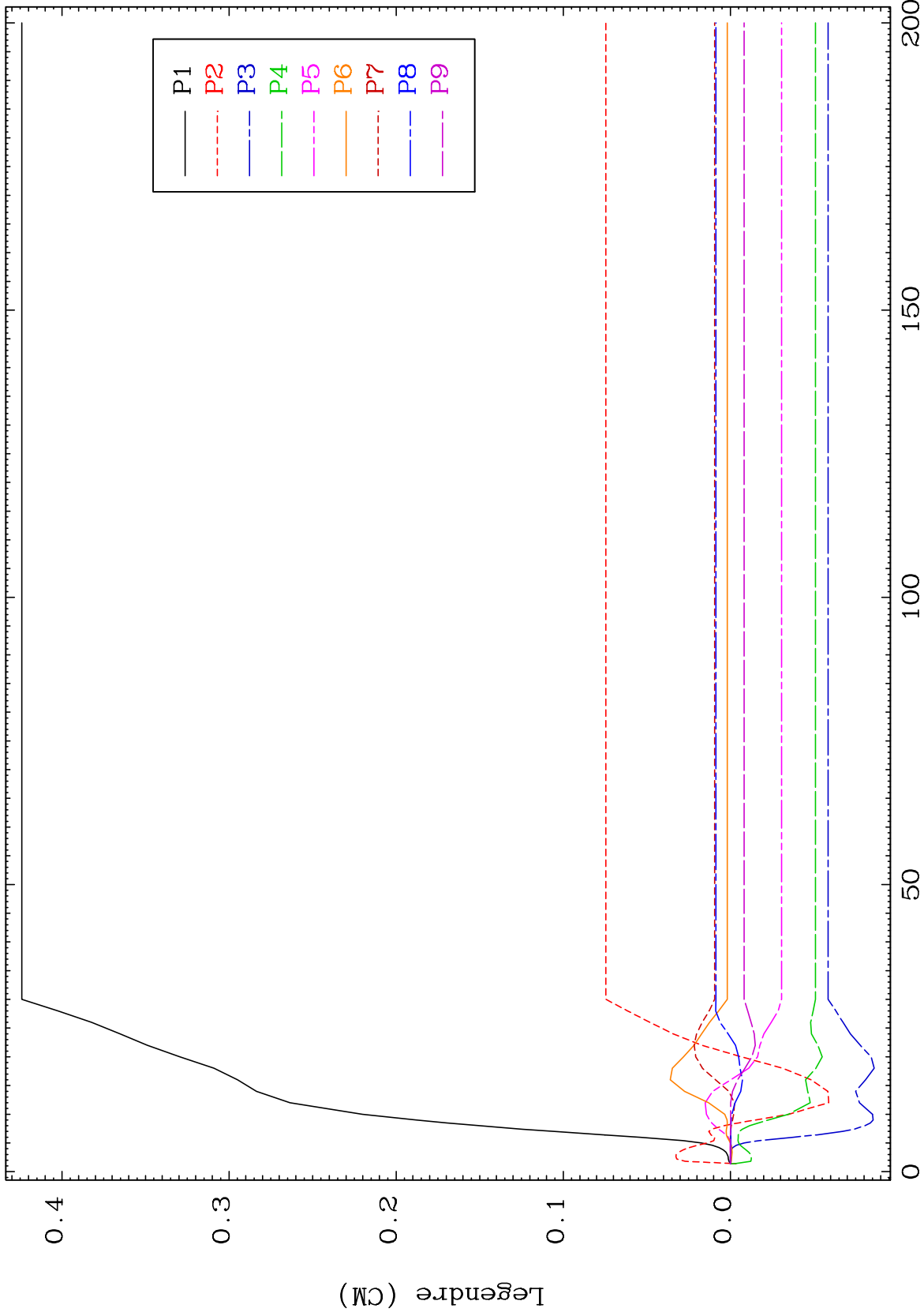
51



MAT 5673

1.349 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

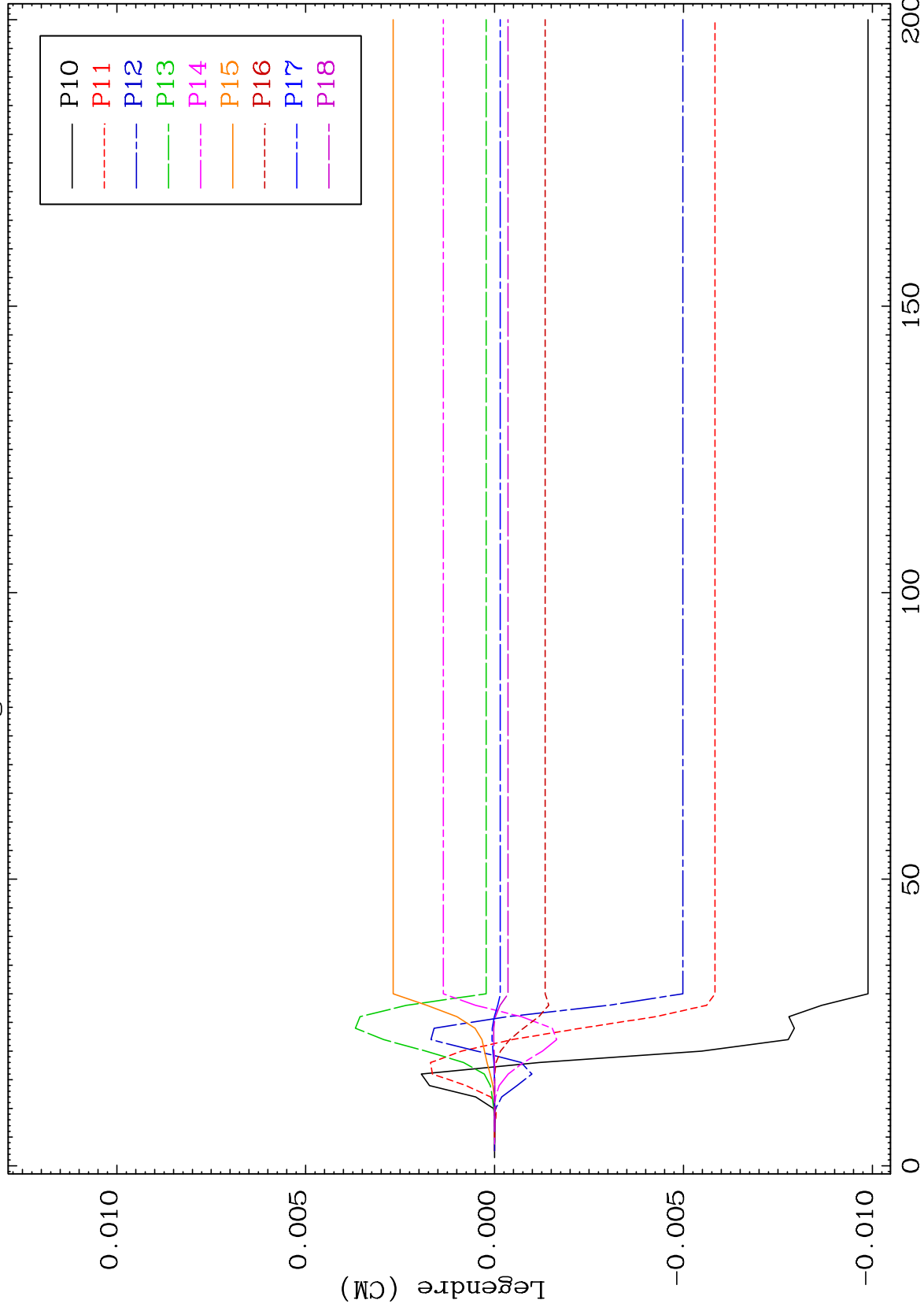
Incident Energy (MeV)

53

MAT 5673

1.349 MeV (n,n') Level  
Legendre Coefficients

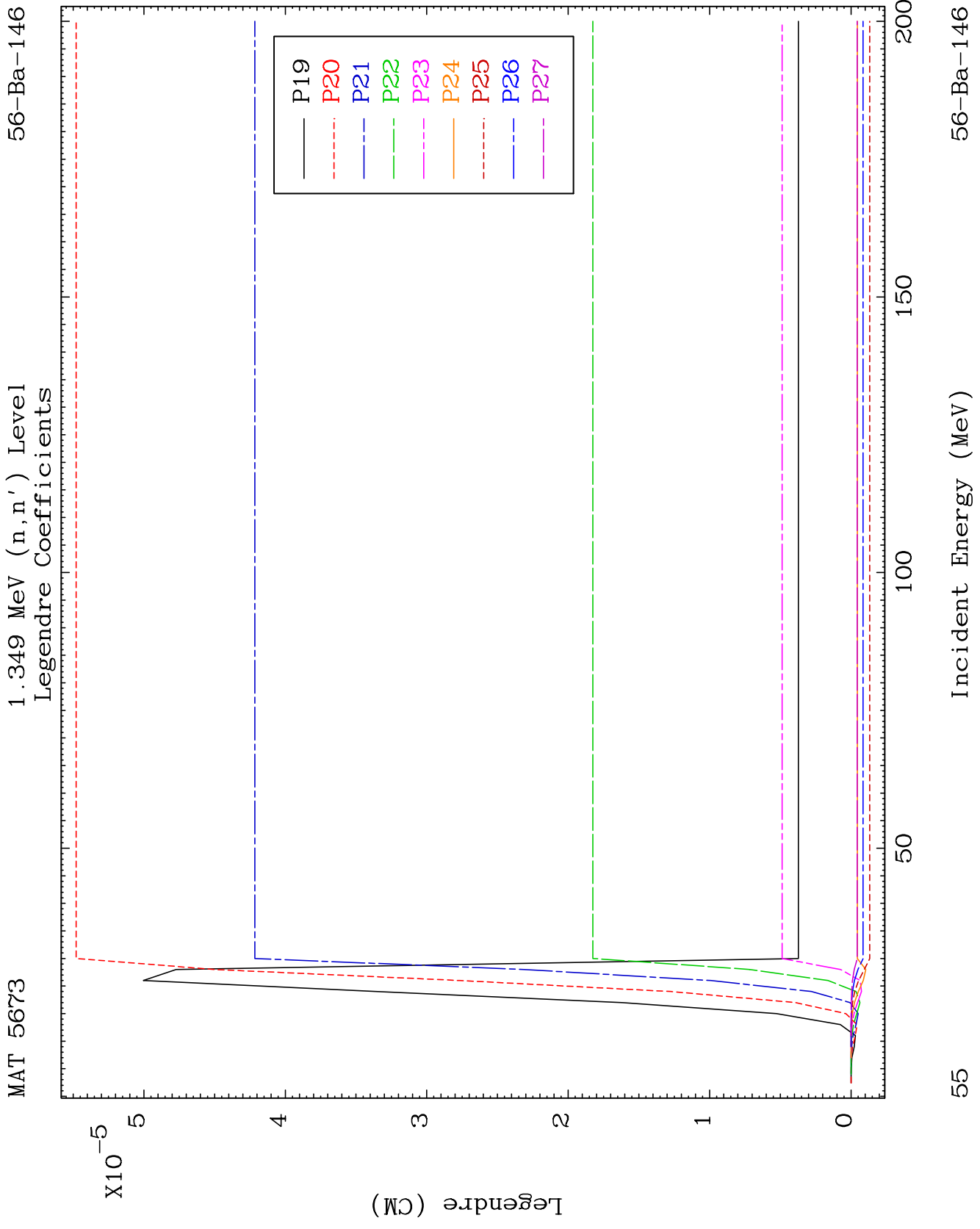
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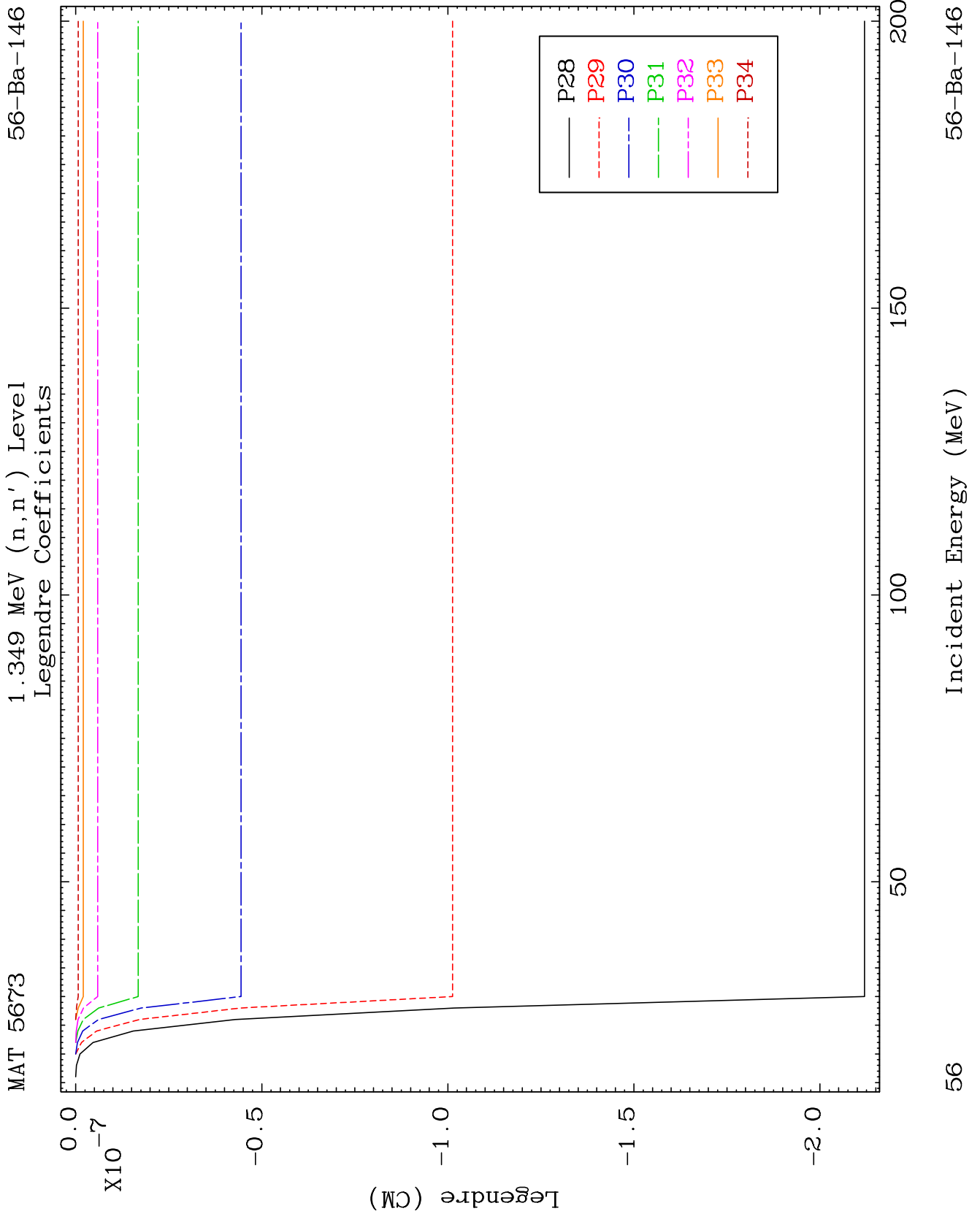
54

Incident Energy (MeV)

56-Ba-146



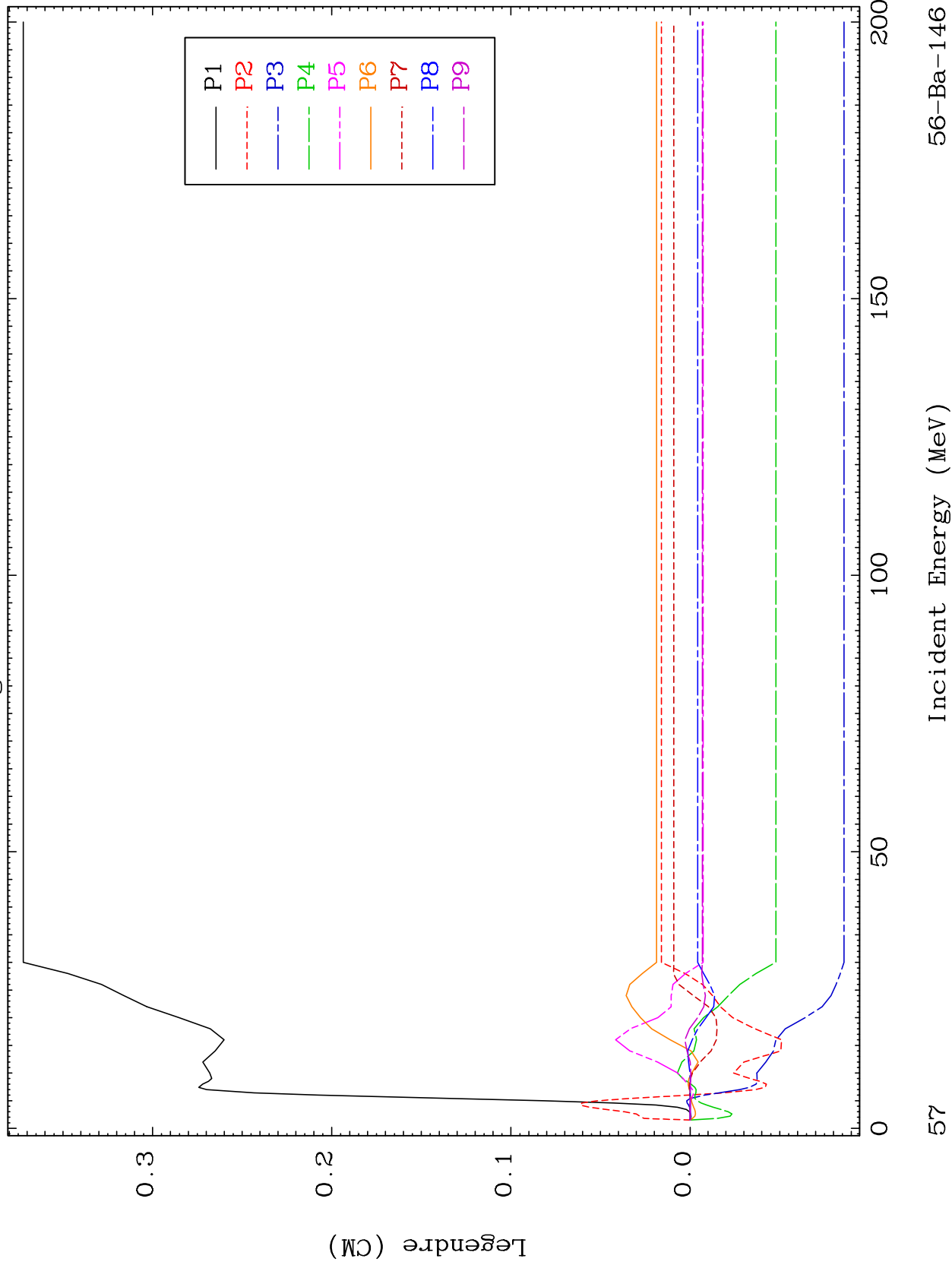




MAT 5673

1.482 MeV (n,n') Level  
Legendre Coefficients

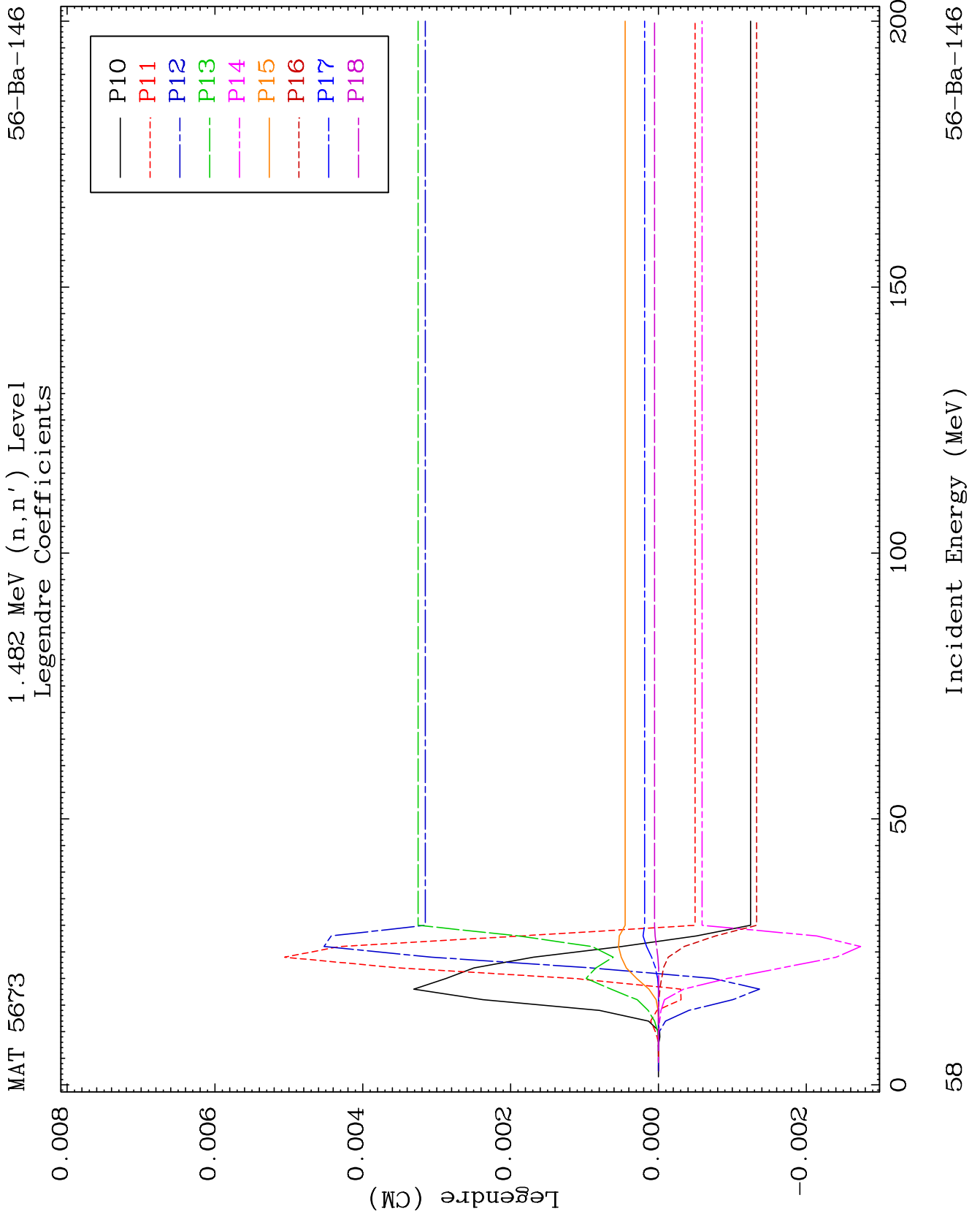
56-Ba-146



56-Ba-146

Incident Energy (MeV)

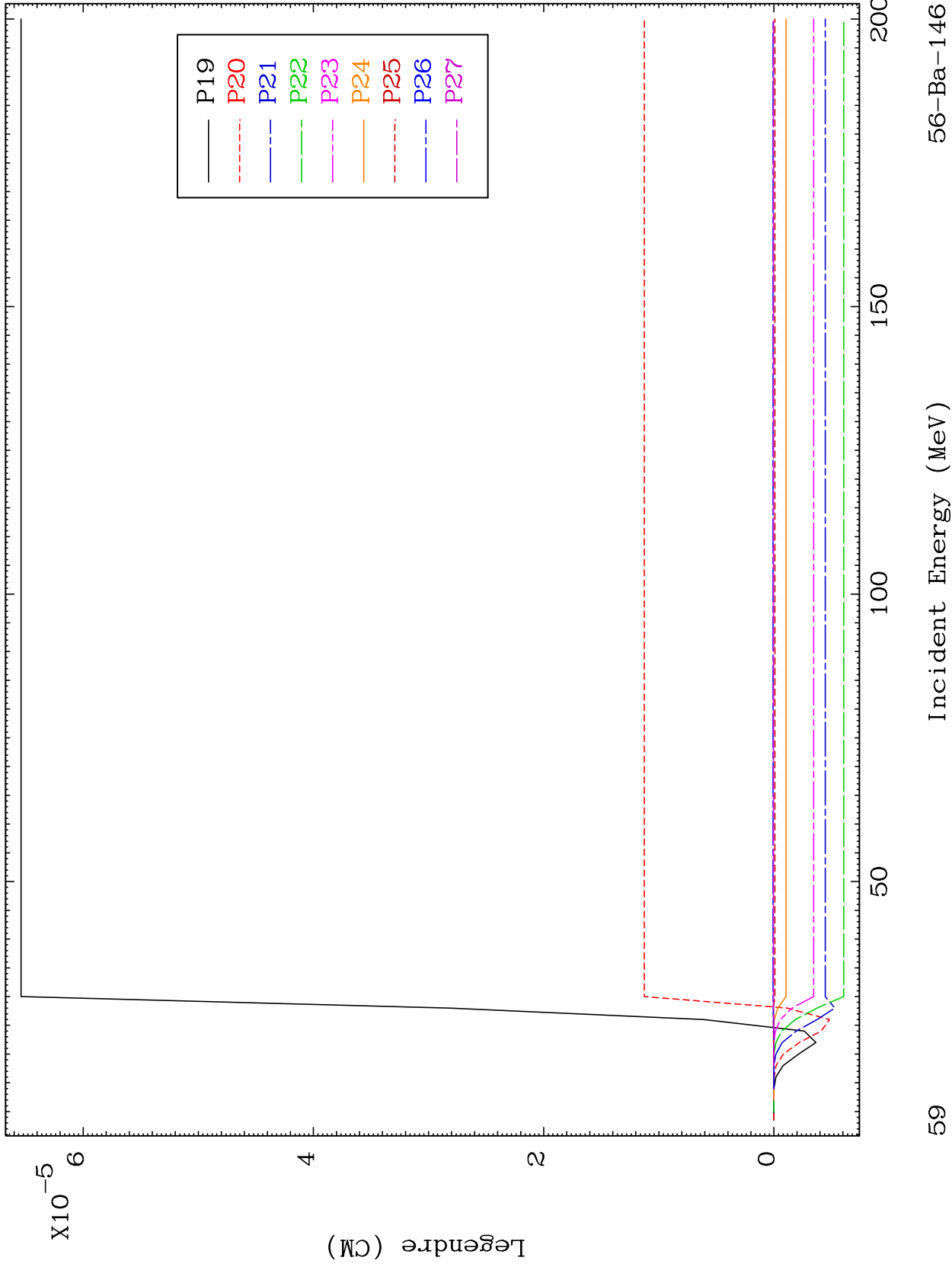
57



MAT 5673

1.482 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



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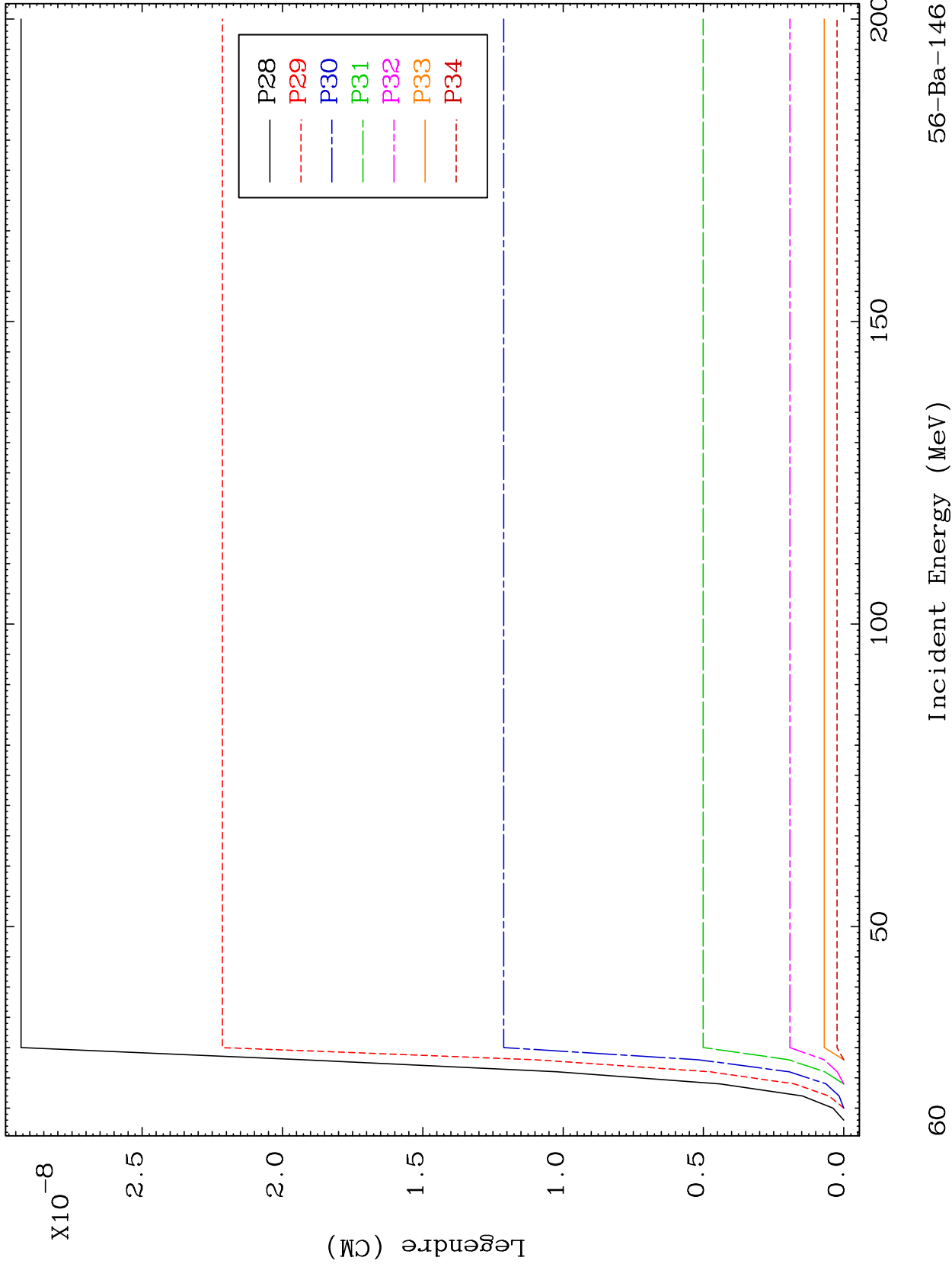
Incident Energy (MeV)

56-Ba-146

MAT 5673

1.482 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



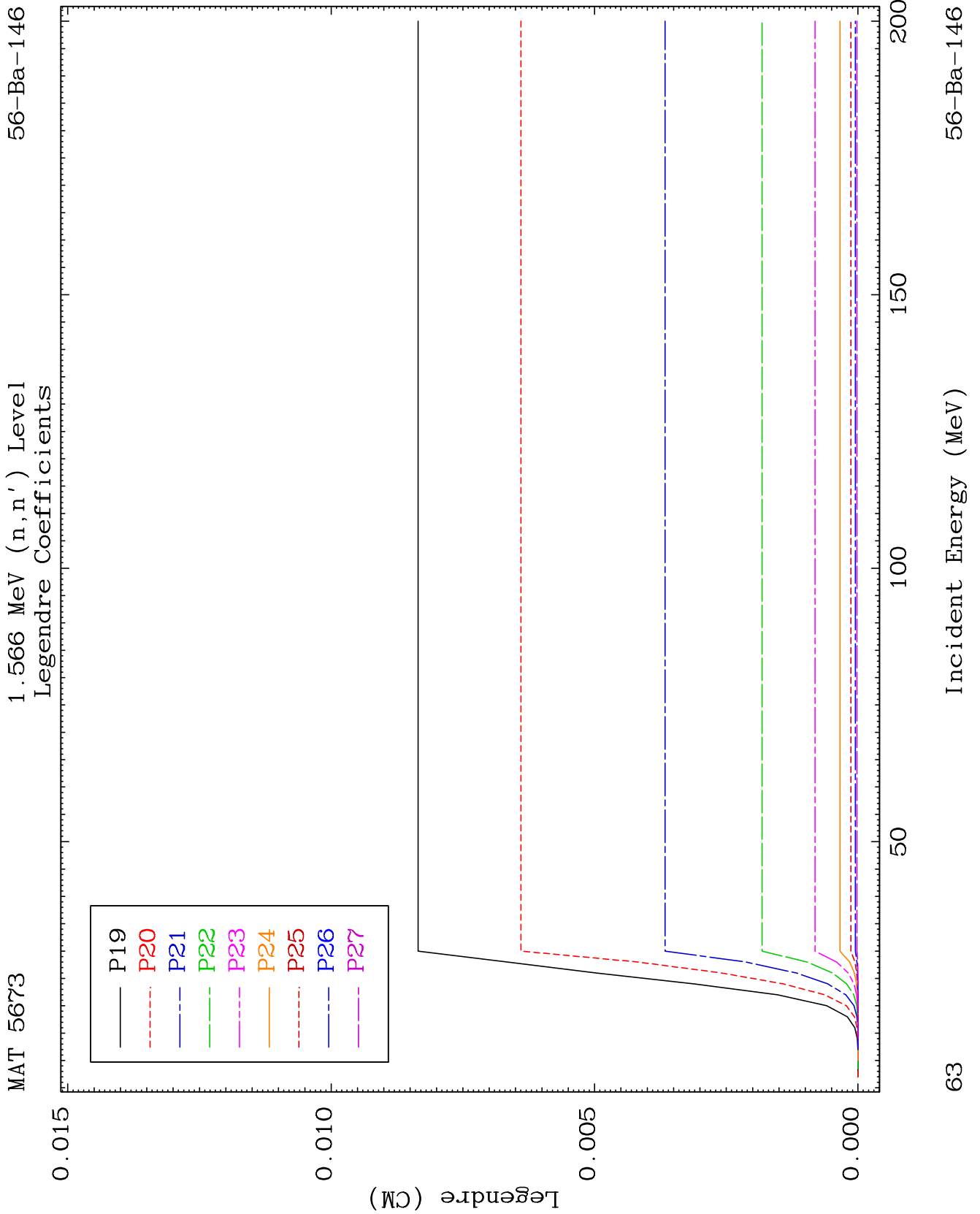
56-Ba-146

Incident Energy (MeV)

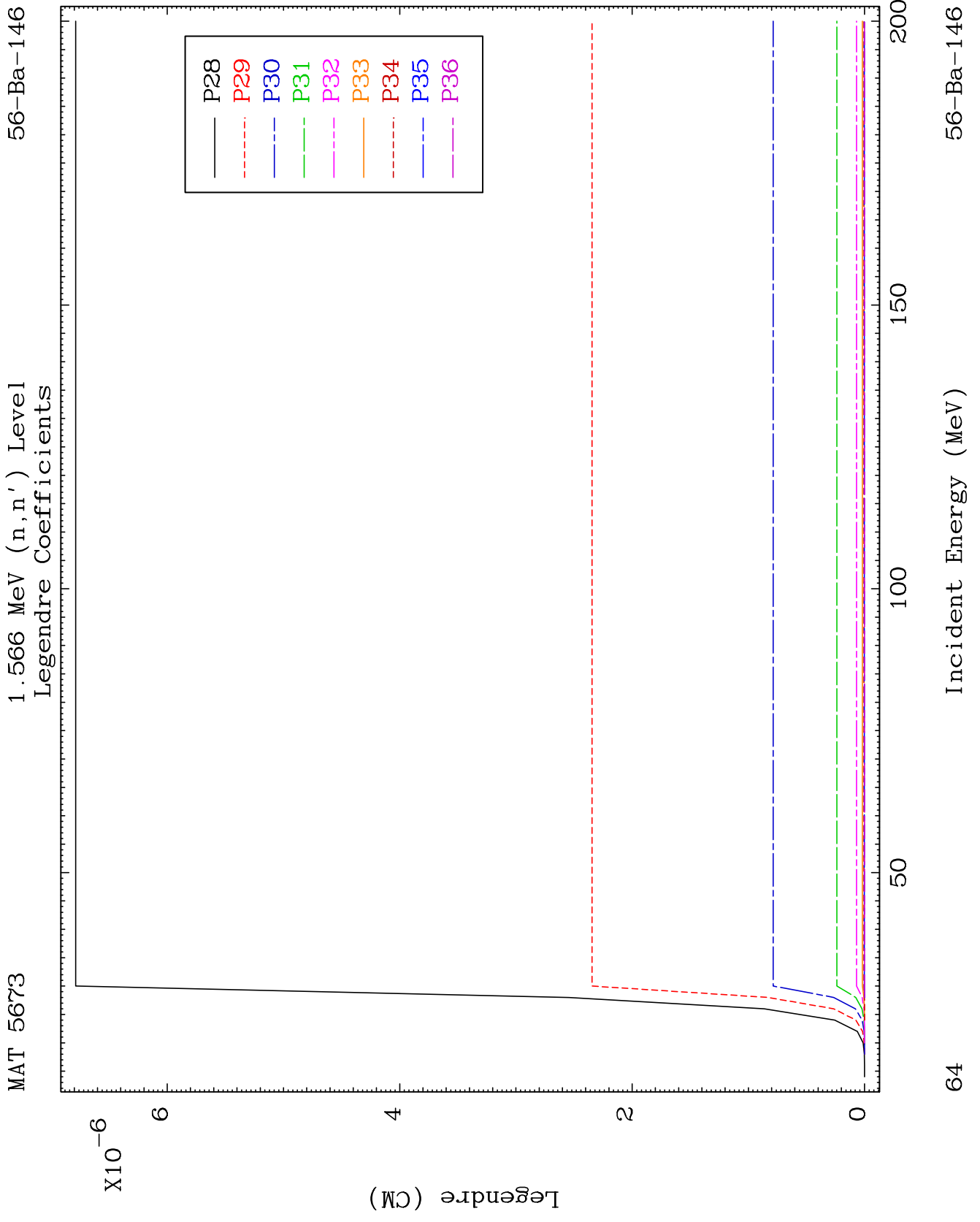
60

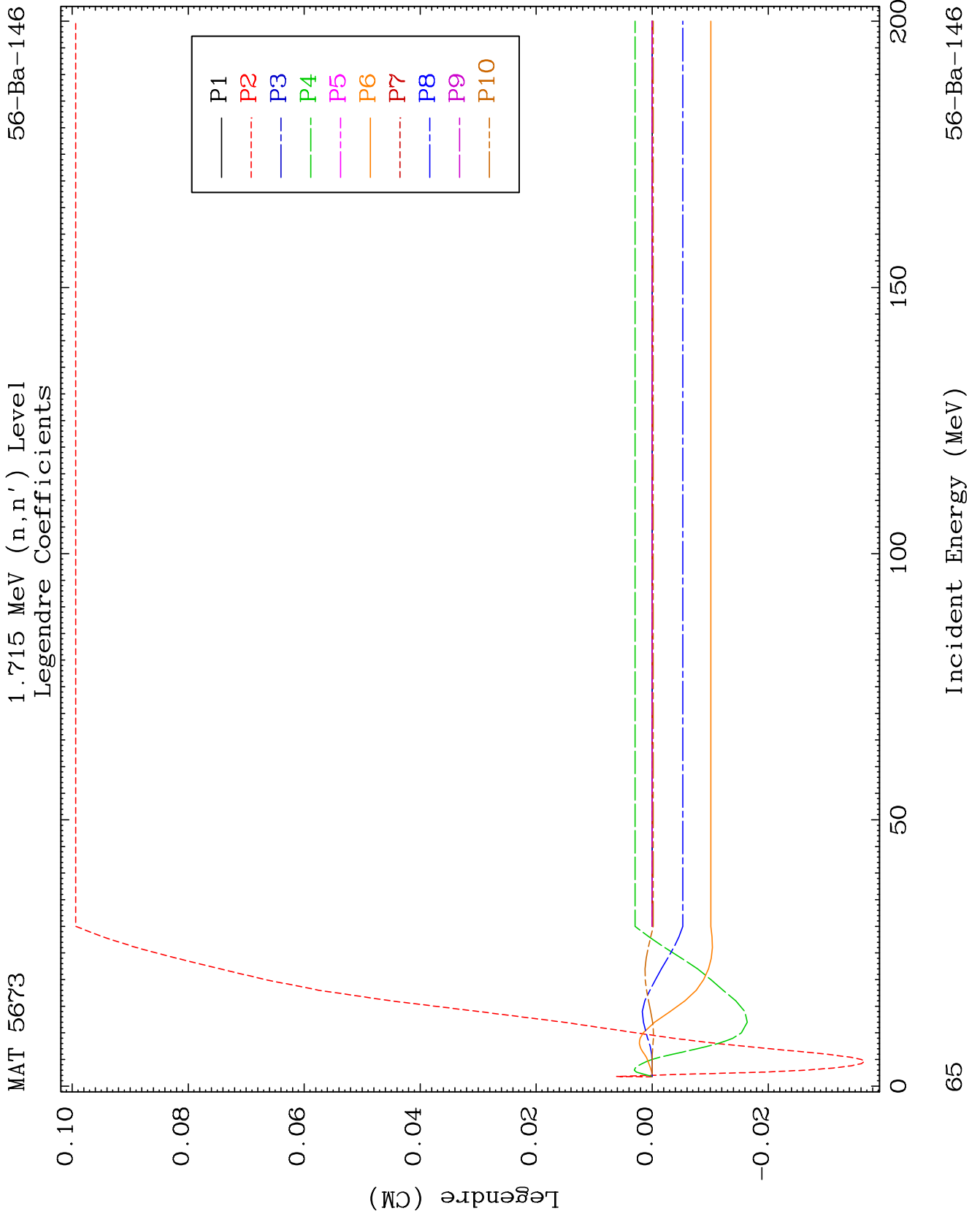


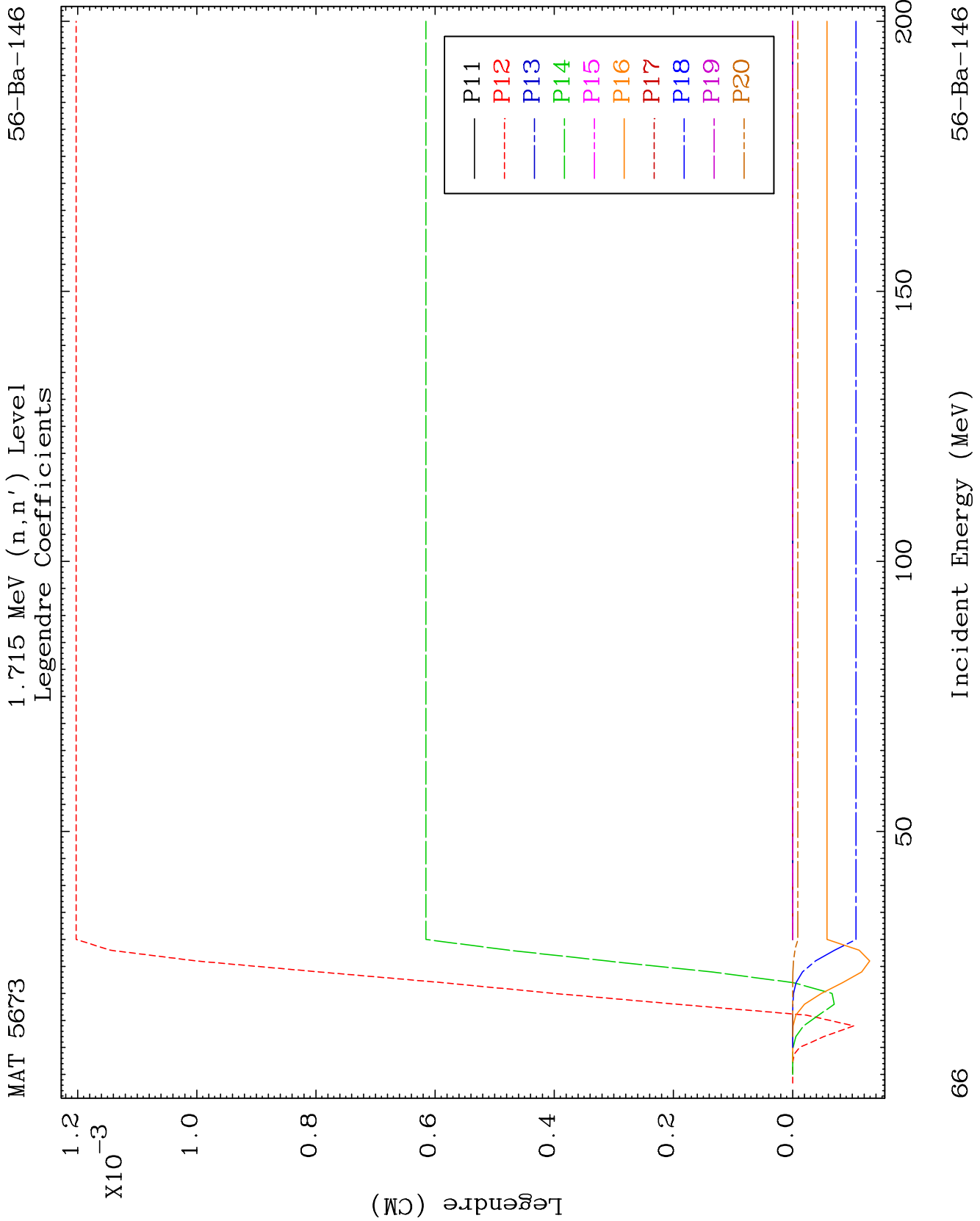


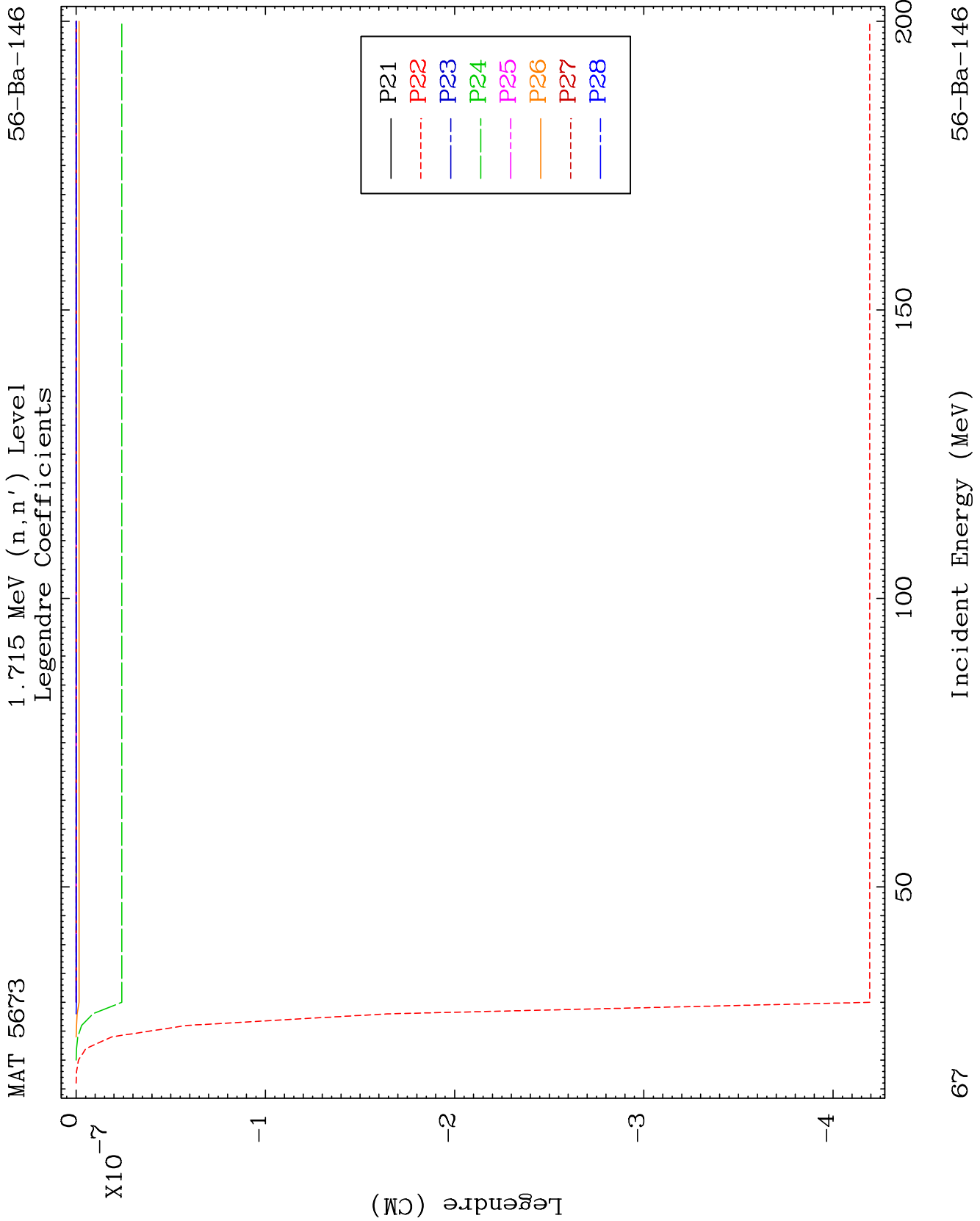








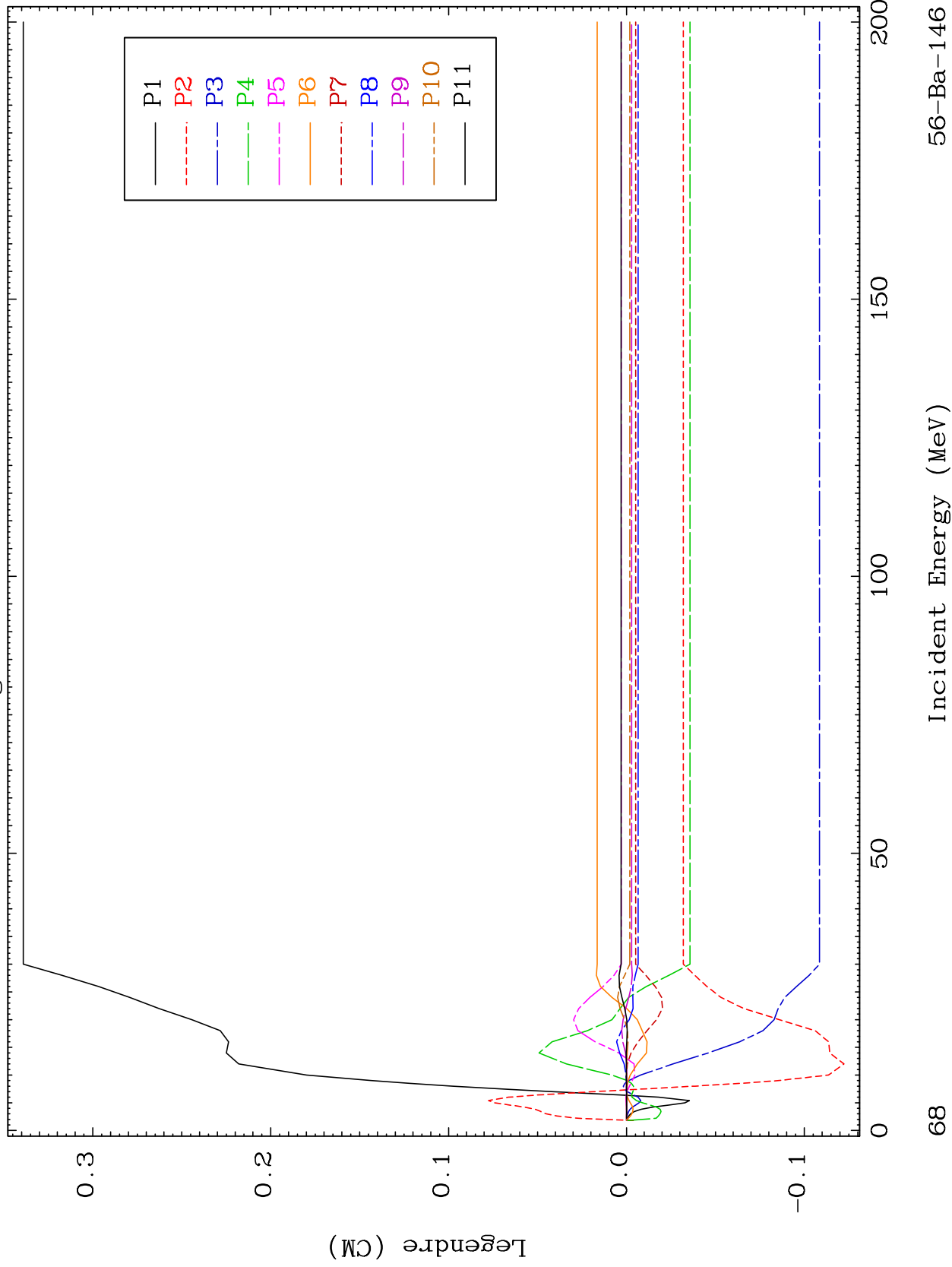




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1.777 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

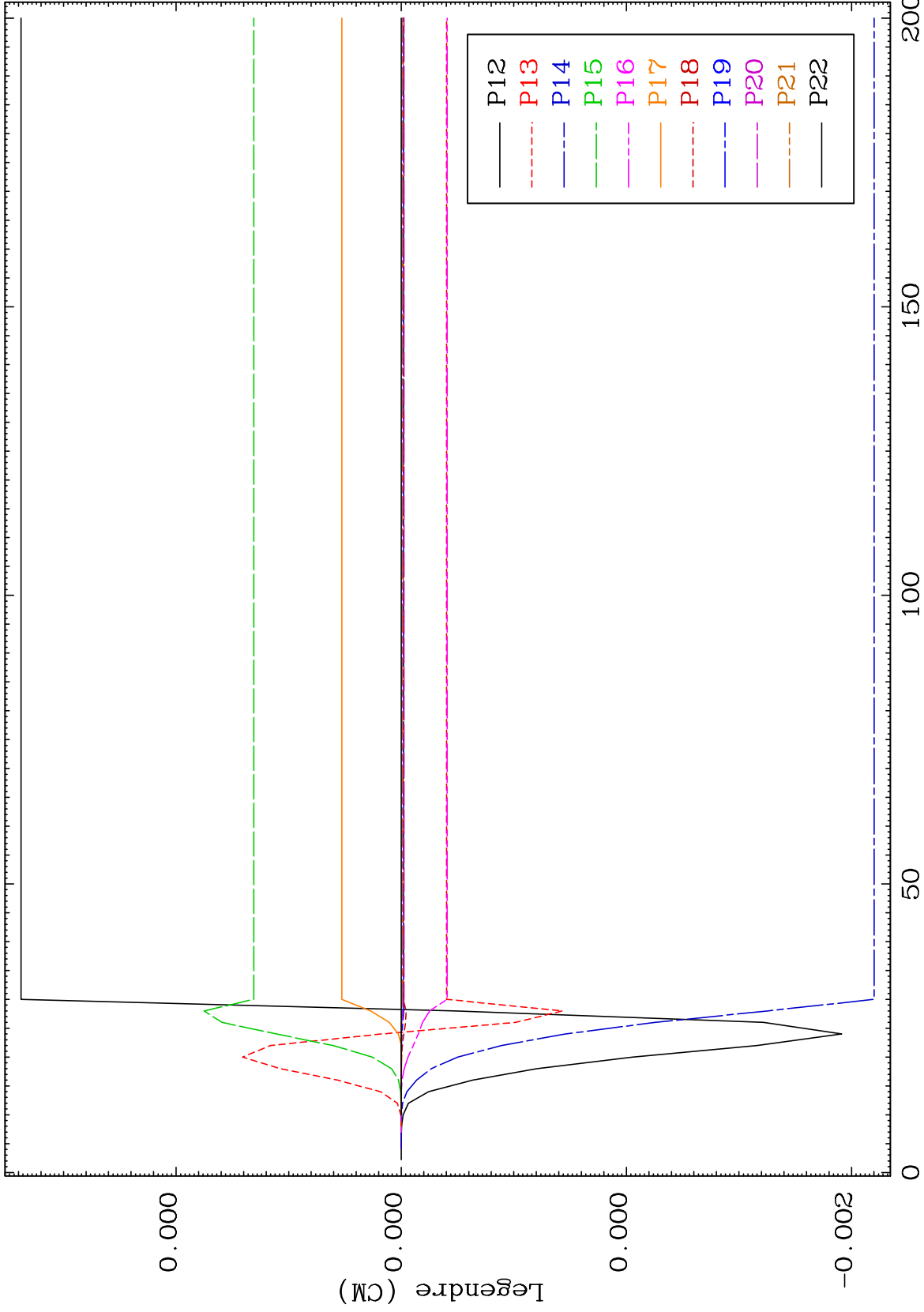
Incident Energy (MeV)

68

MAT 5673

1.777 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



69

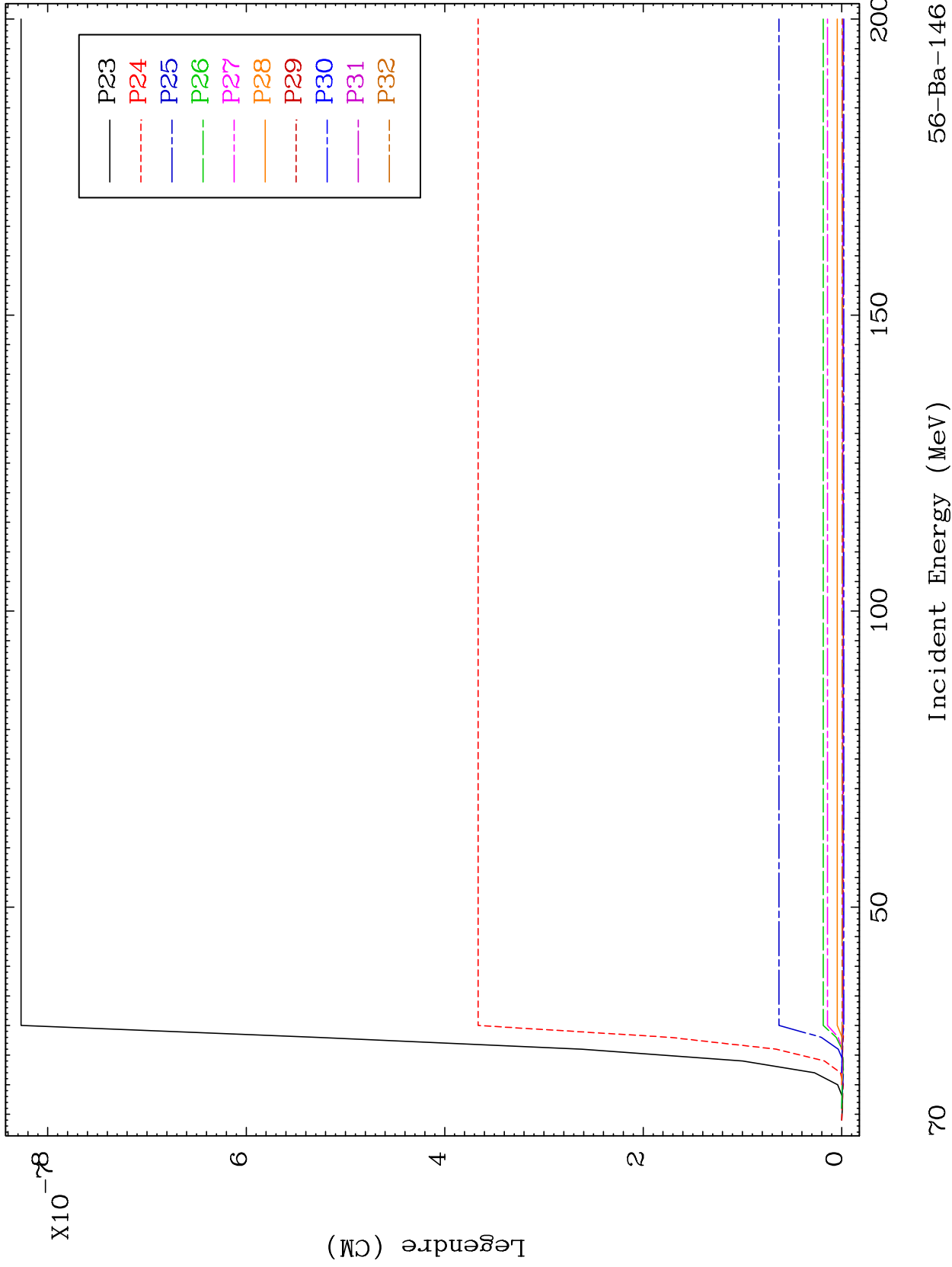
Incident Energy (MeV)

56-Ba-146

MAT 5673

1.777 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



70

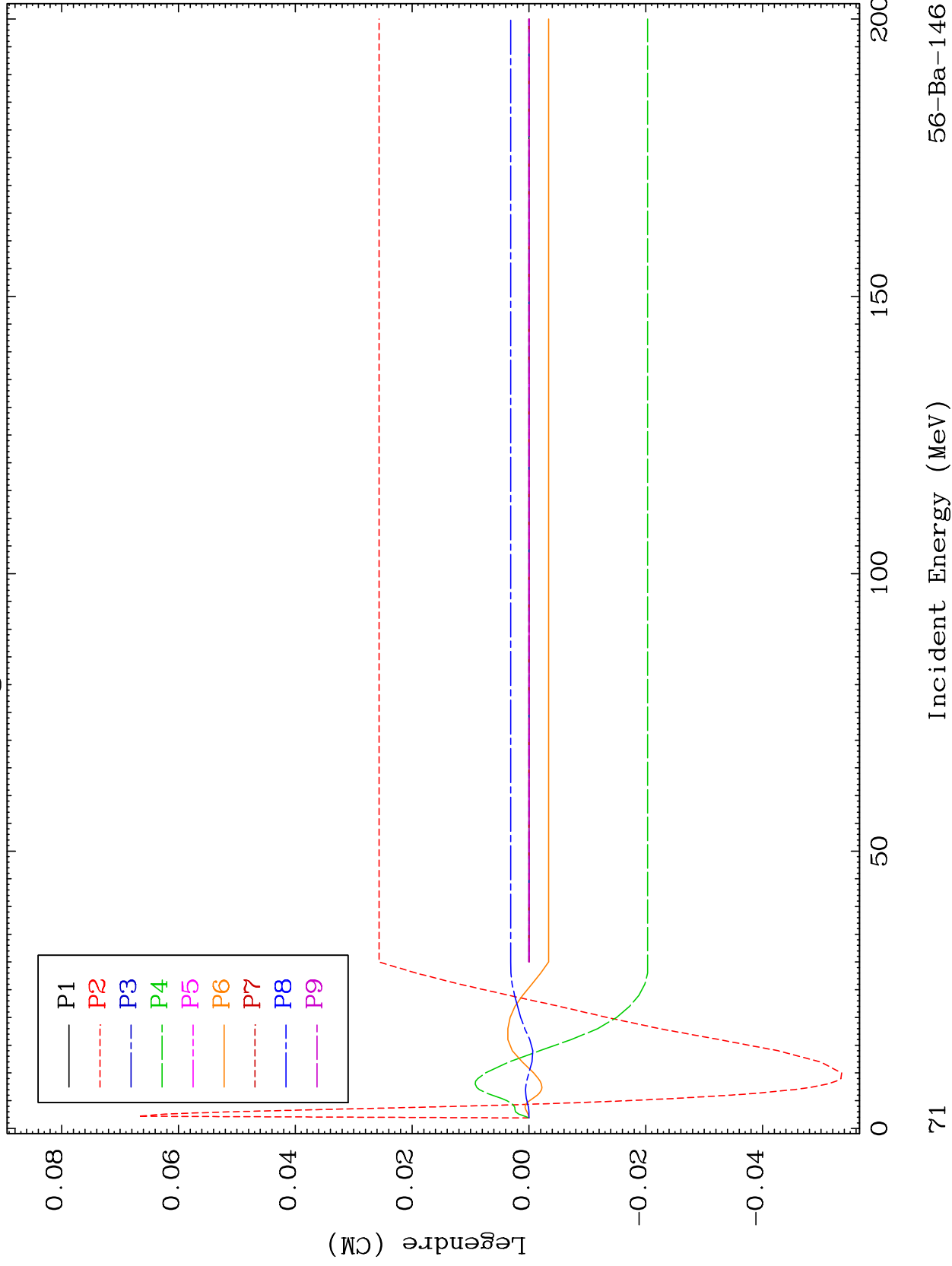
Incident Energy (MeV)

56-Ba-146

MAT 5673

1.874 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



71

Incident Energy (MeV)

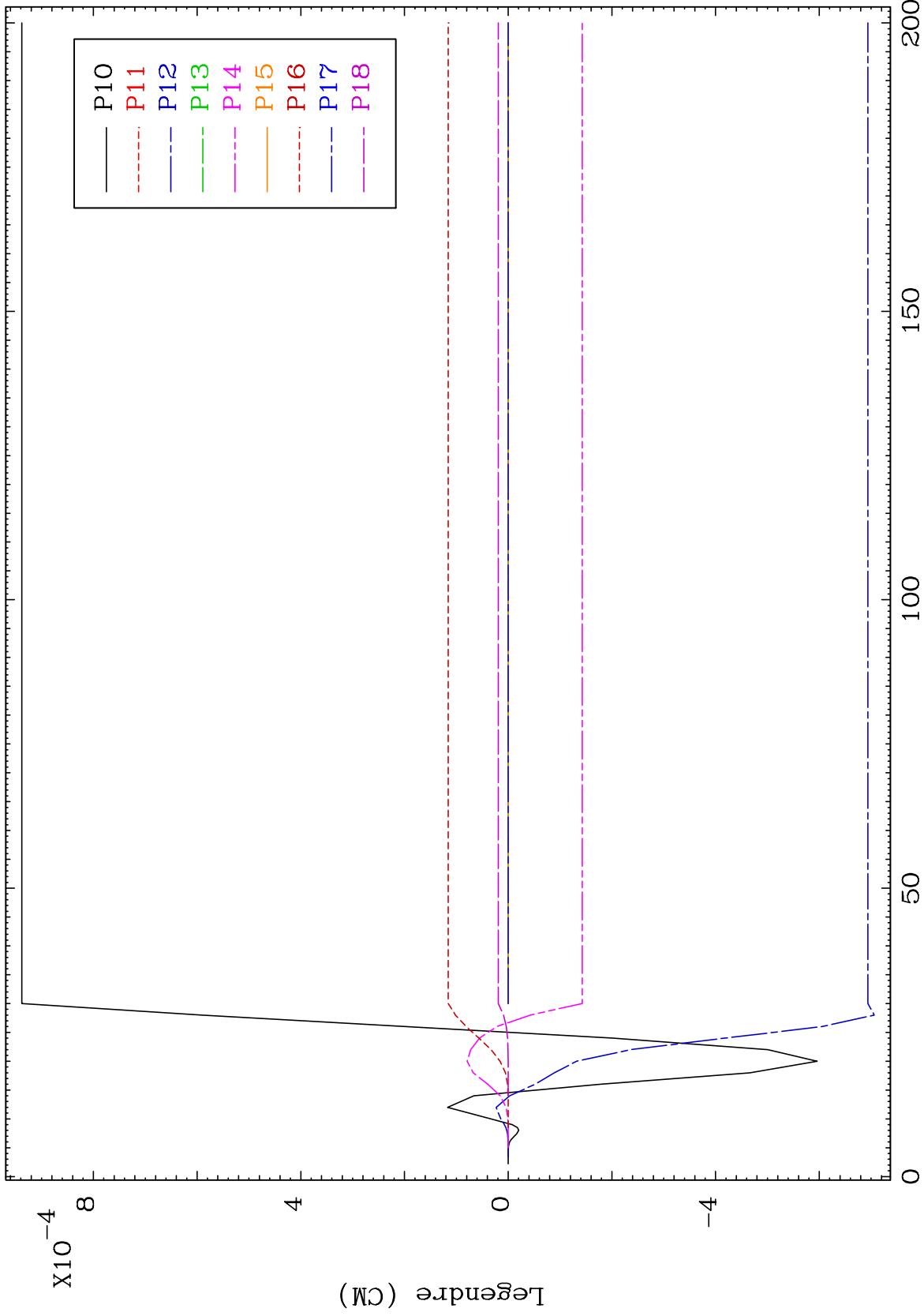
56-Ba-146



MAT 5673

1.874 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

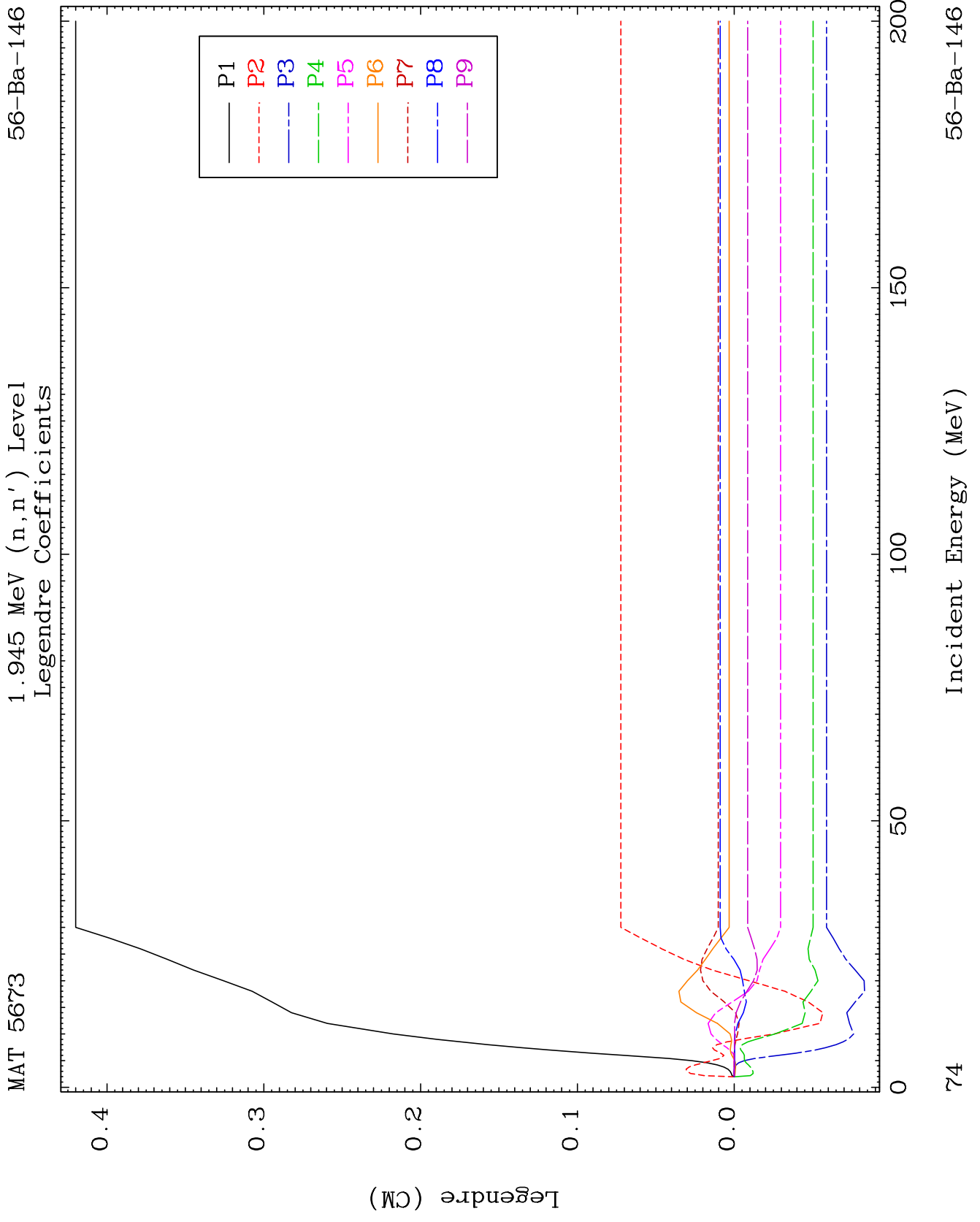


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Incident Energy (MeV)

56-Ba-146

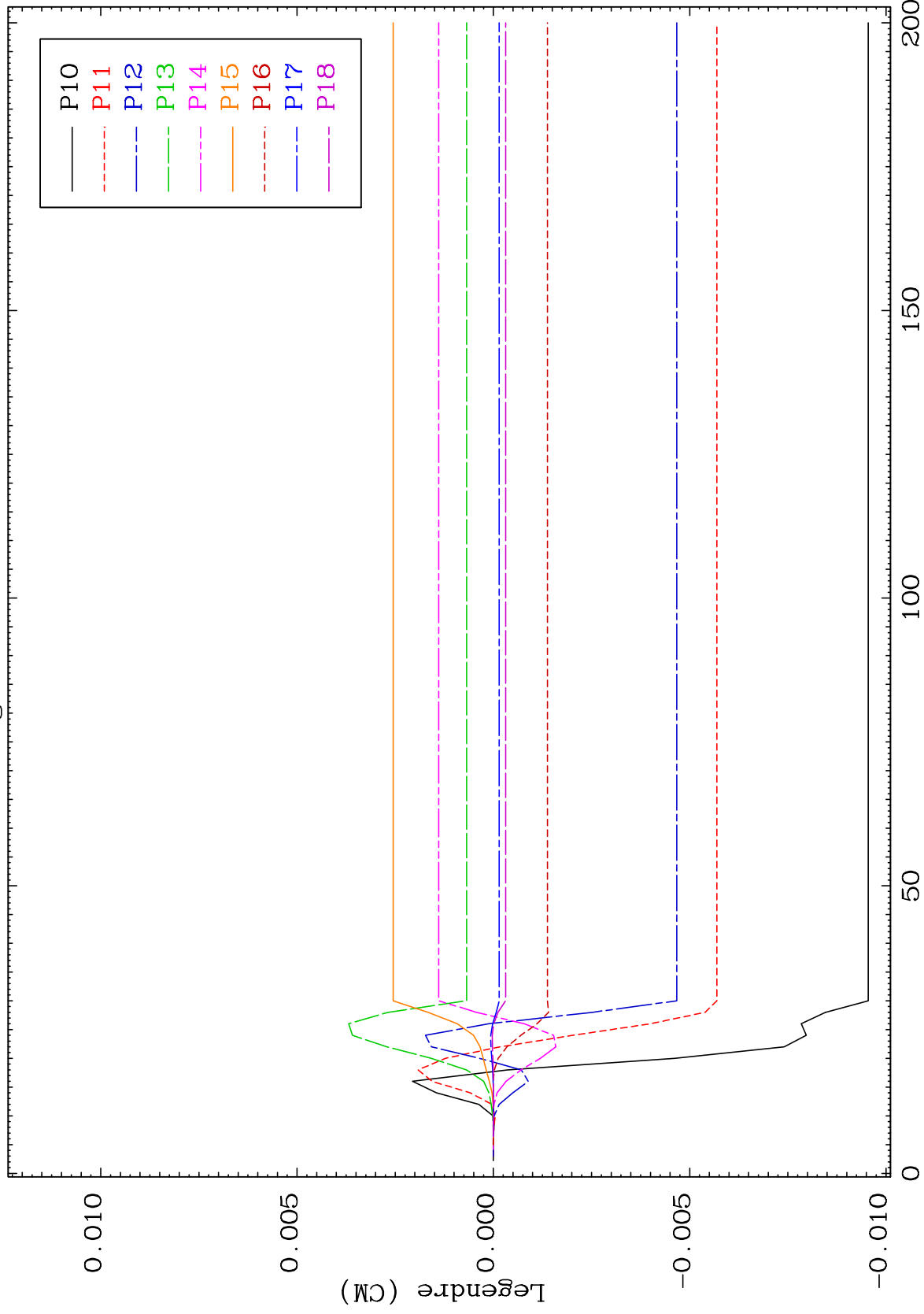




MAT 5673

1.945 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

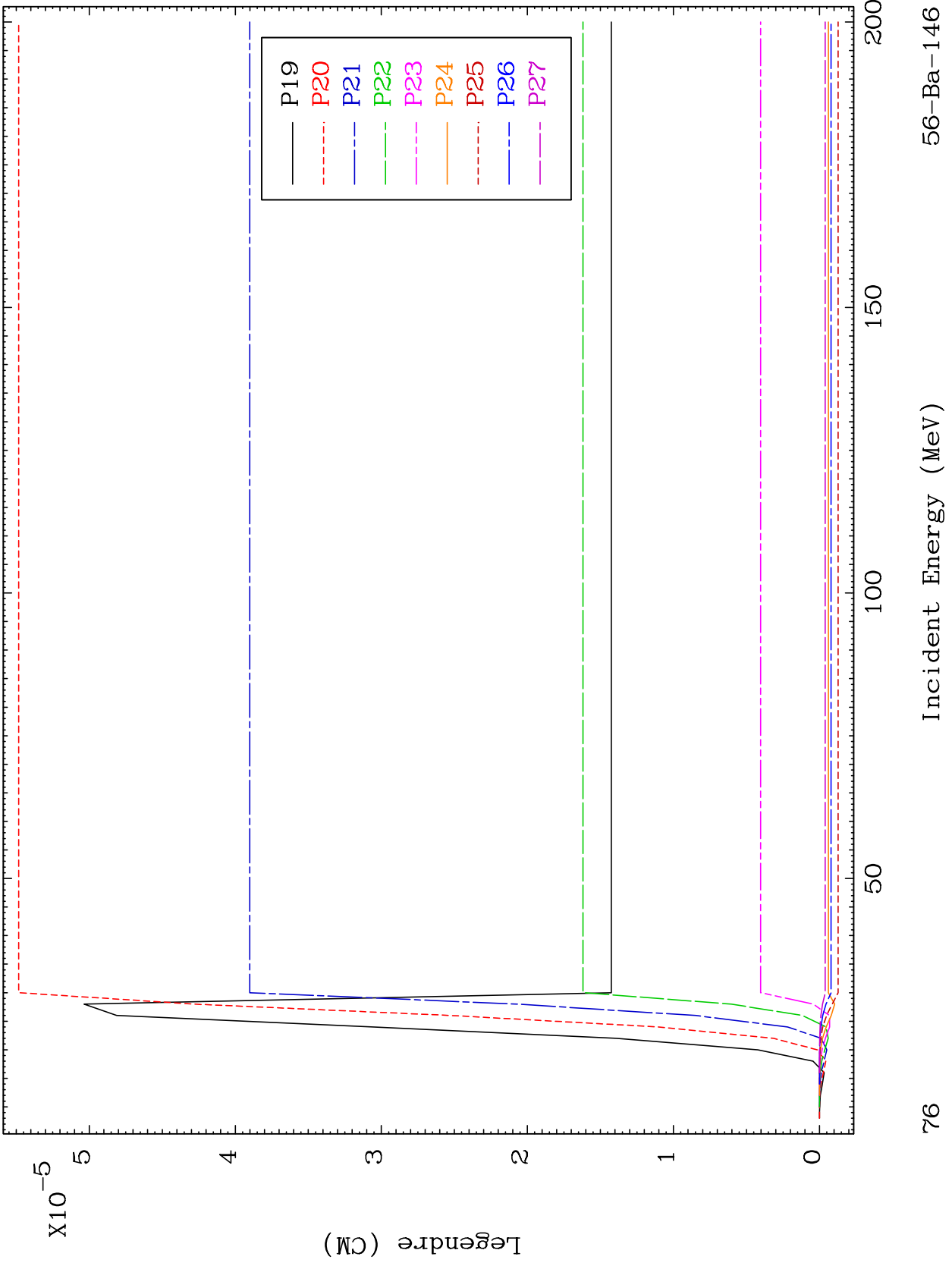


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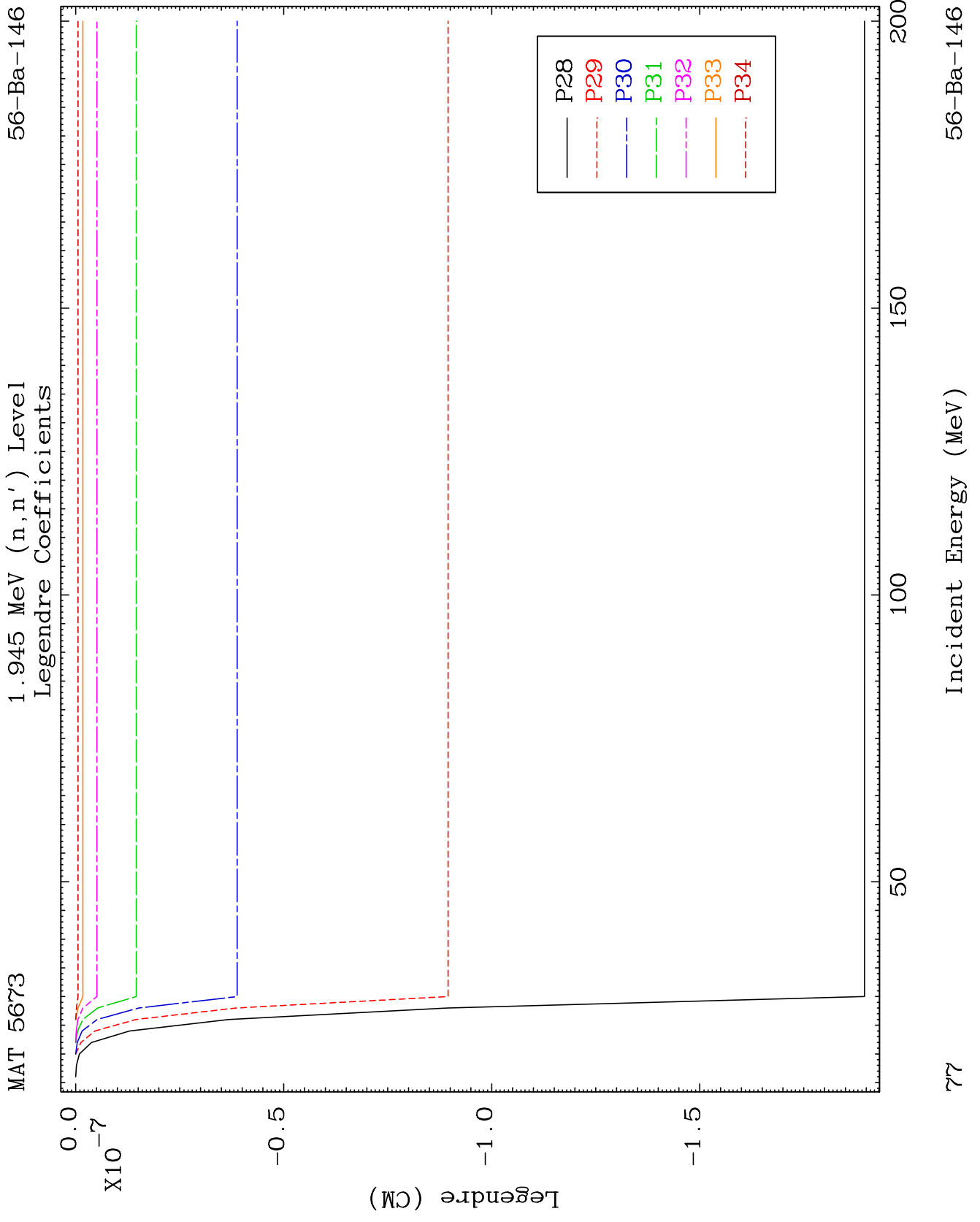
Incident Energy (MeV)

56-Ba-146

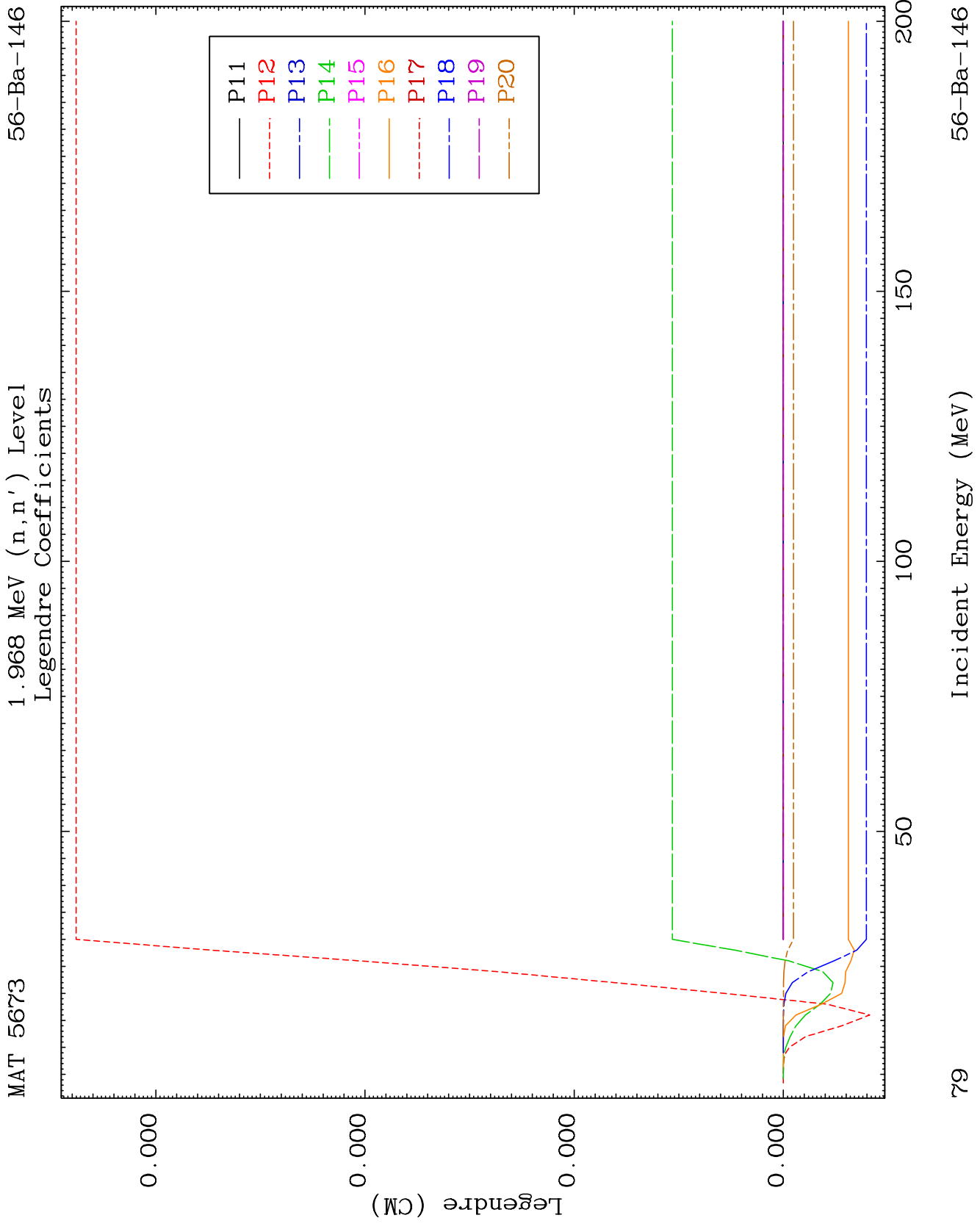
MAT 5673 1.945 MeV (n,n') Level Legendre Coefficients 56-Ba-146



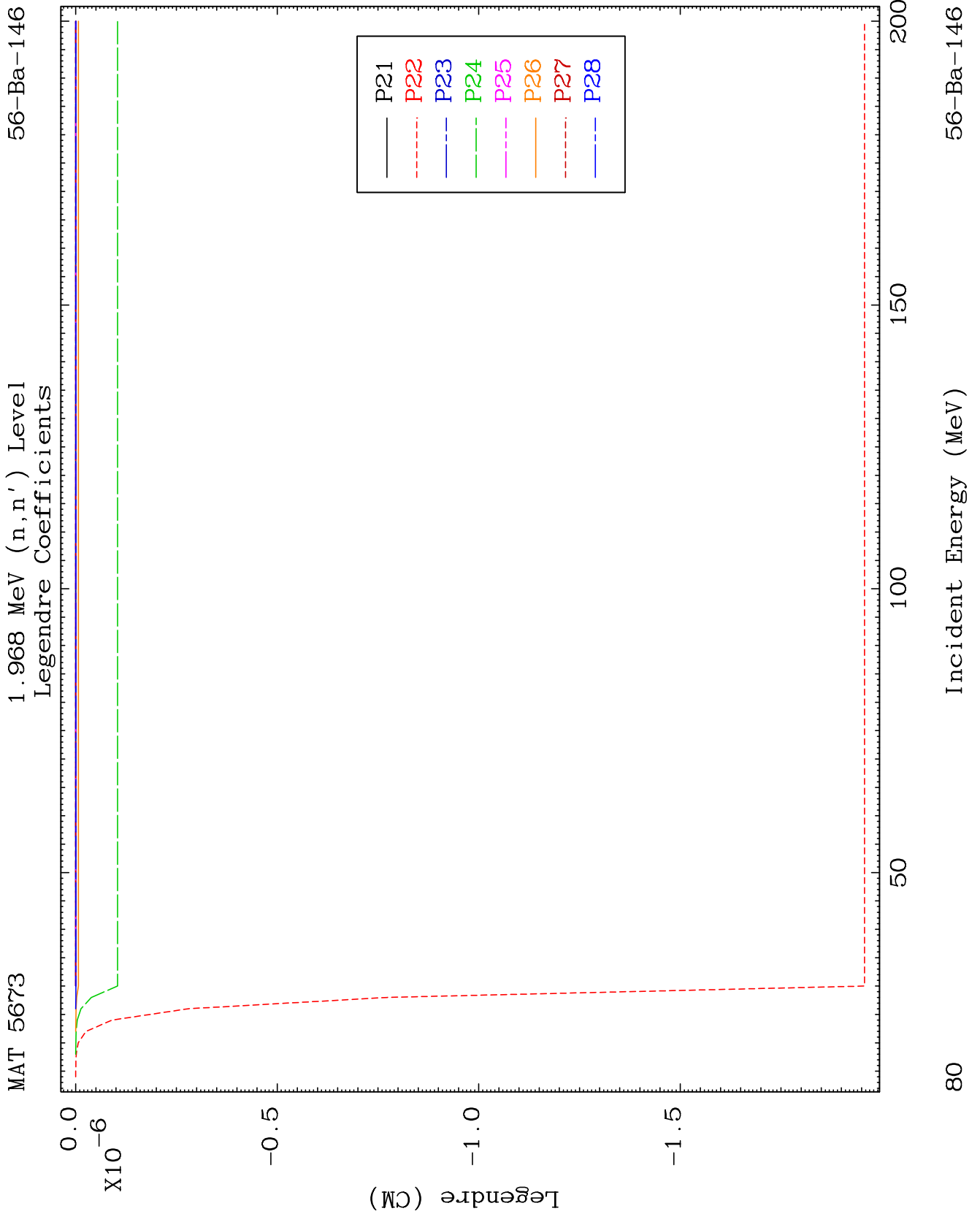
76 50 100 150 200 56-Ba-146

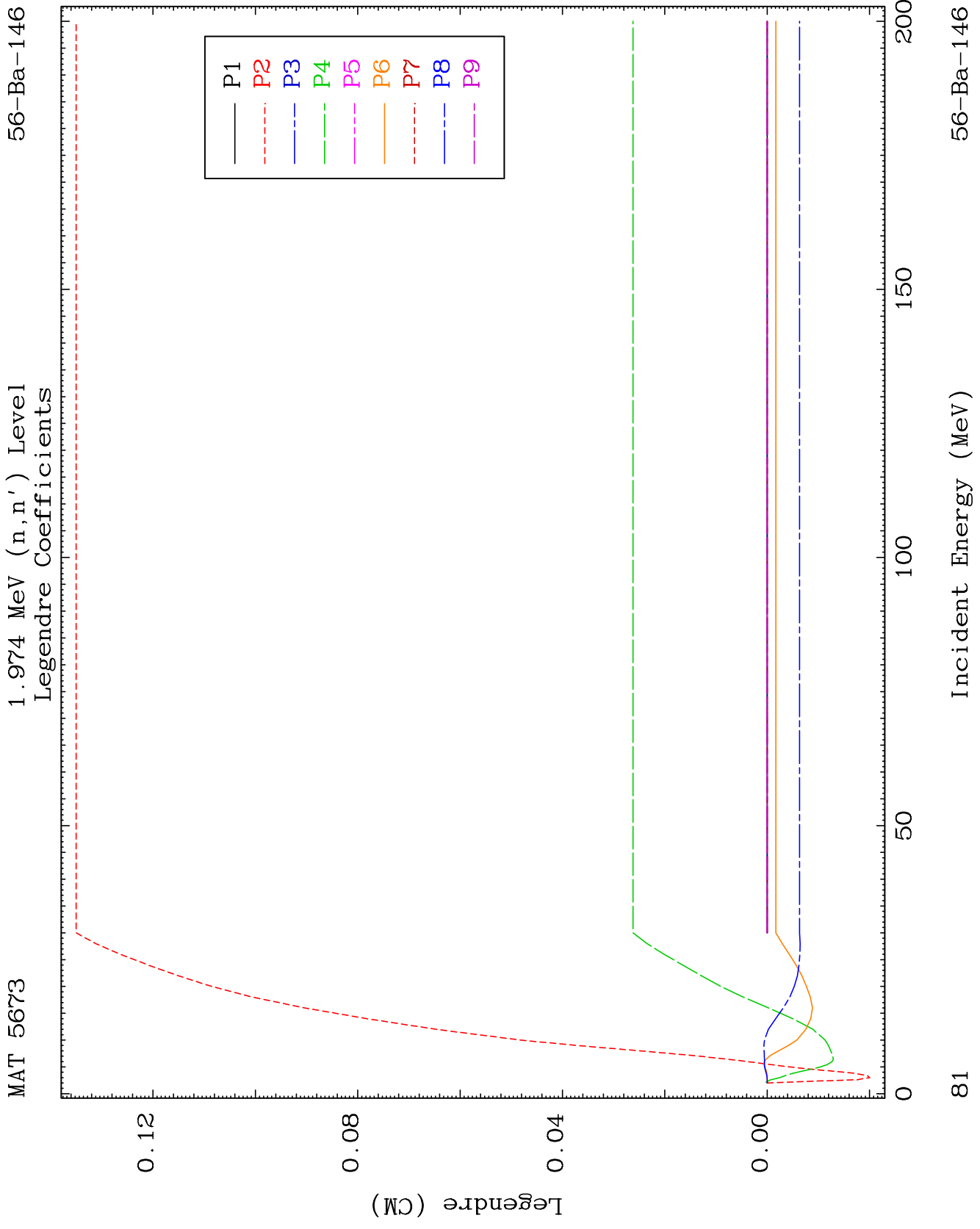








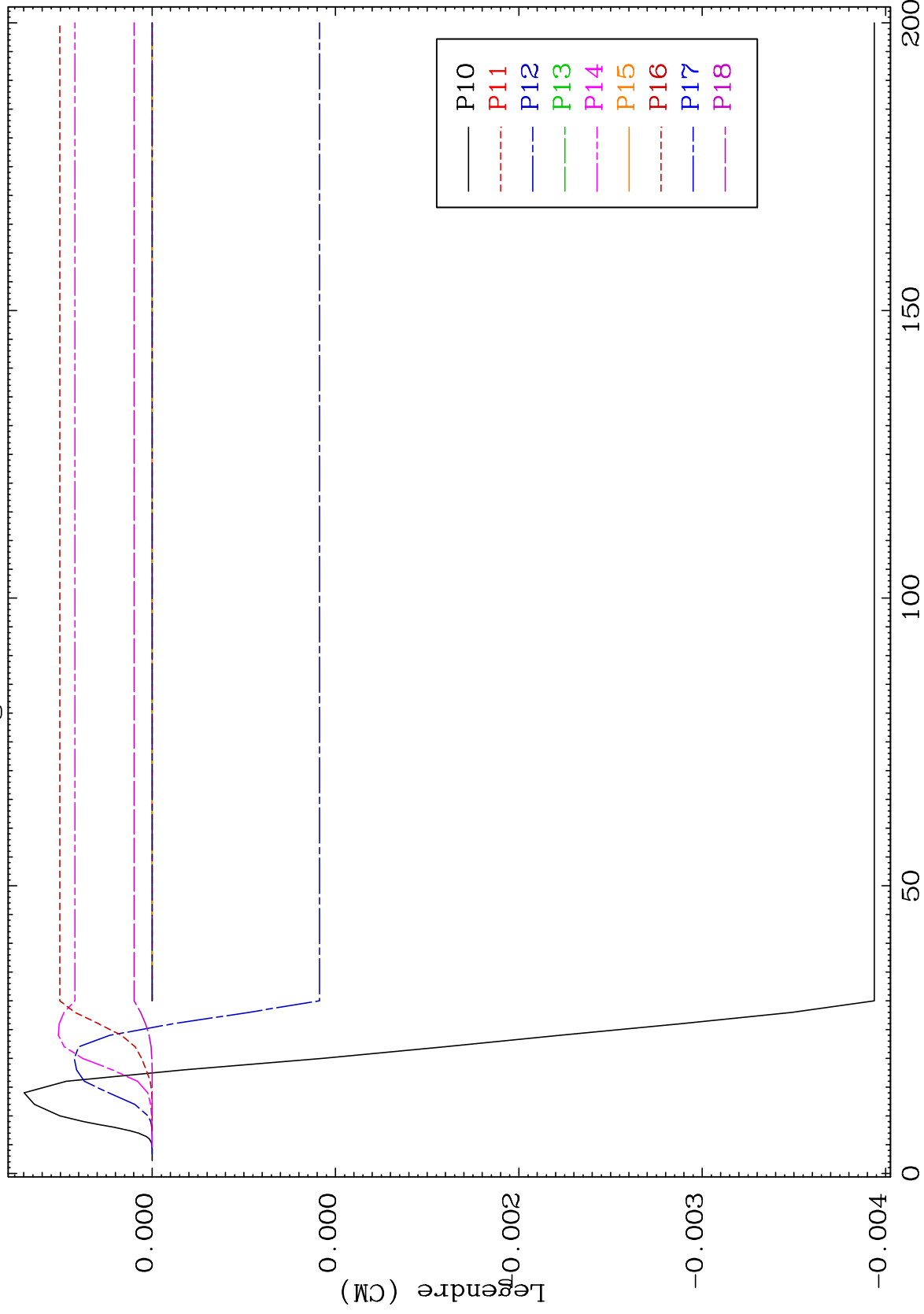




MAT 5673

1.974 MeV (n,n') Level  
Legendre Coefficients

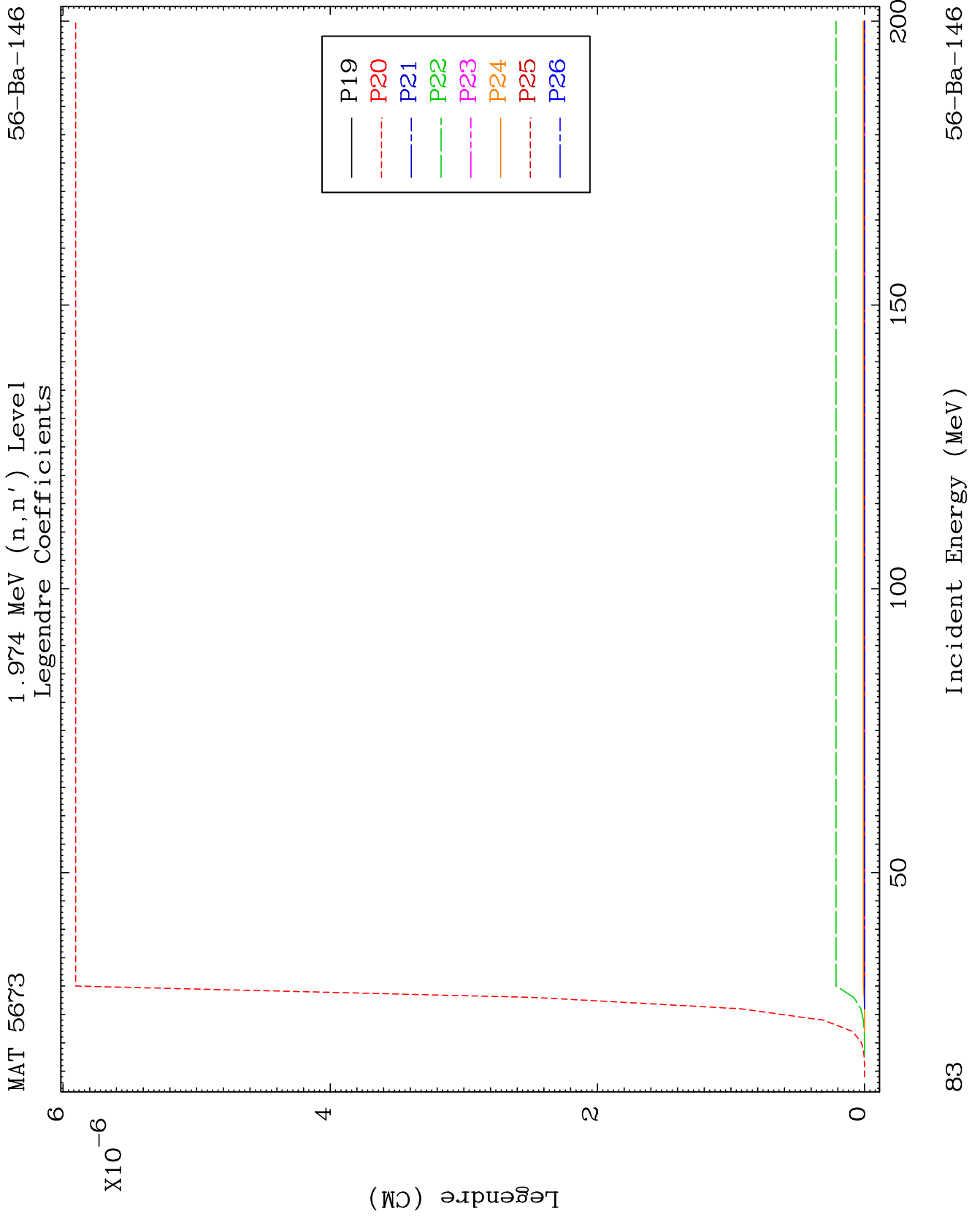
56-Ba-146



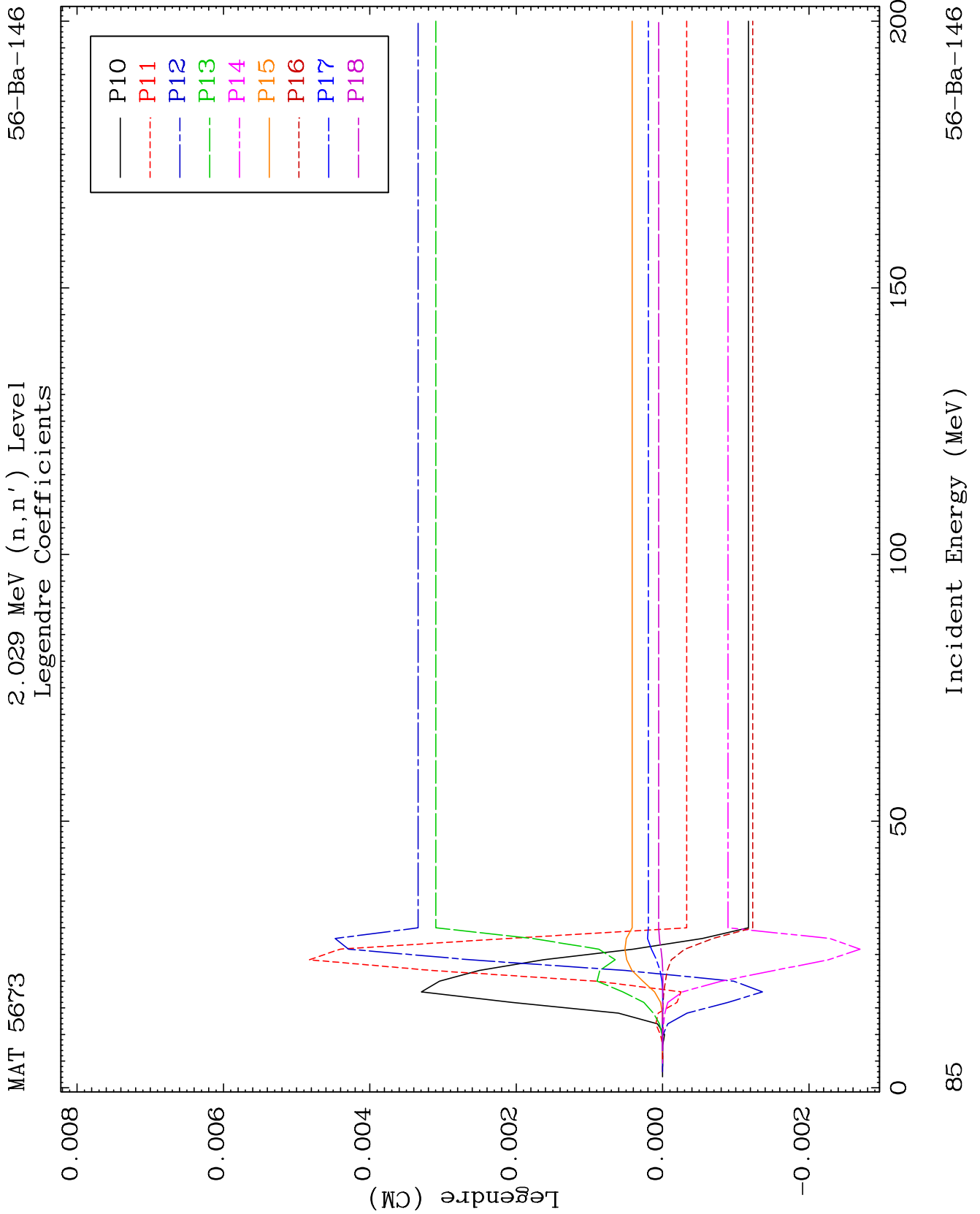
82

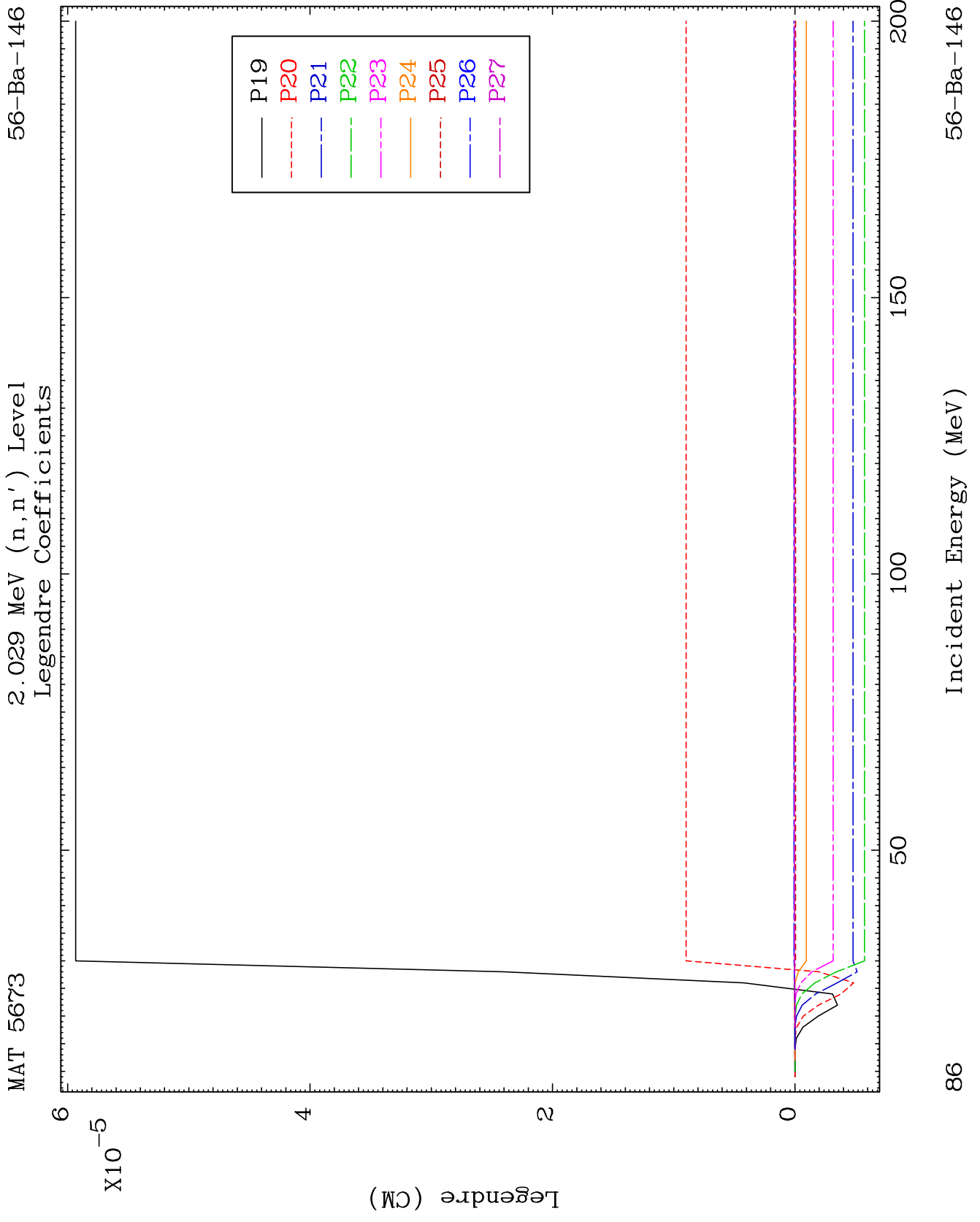
Incident Energy (MeV)

56-Ba-146





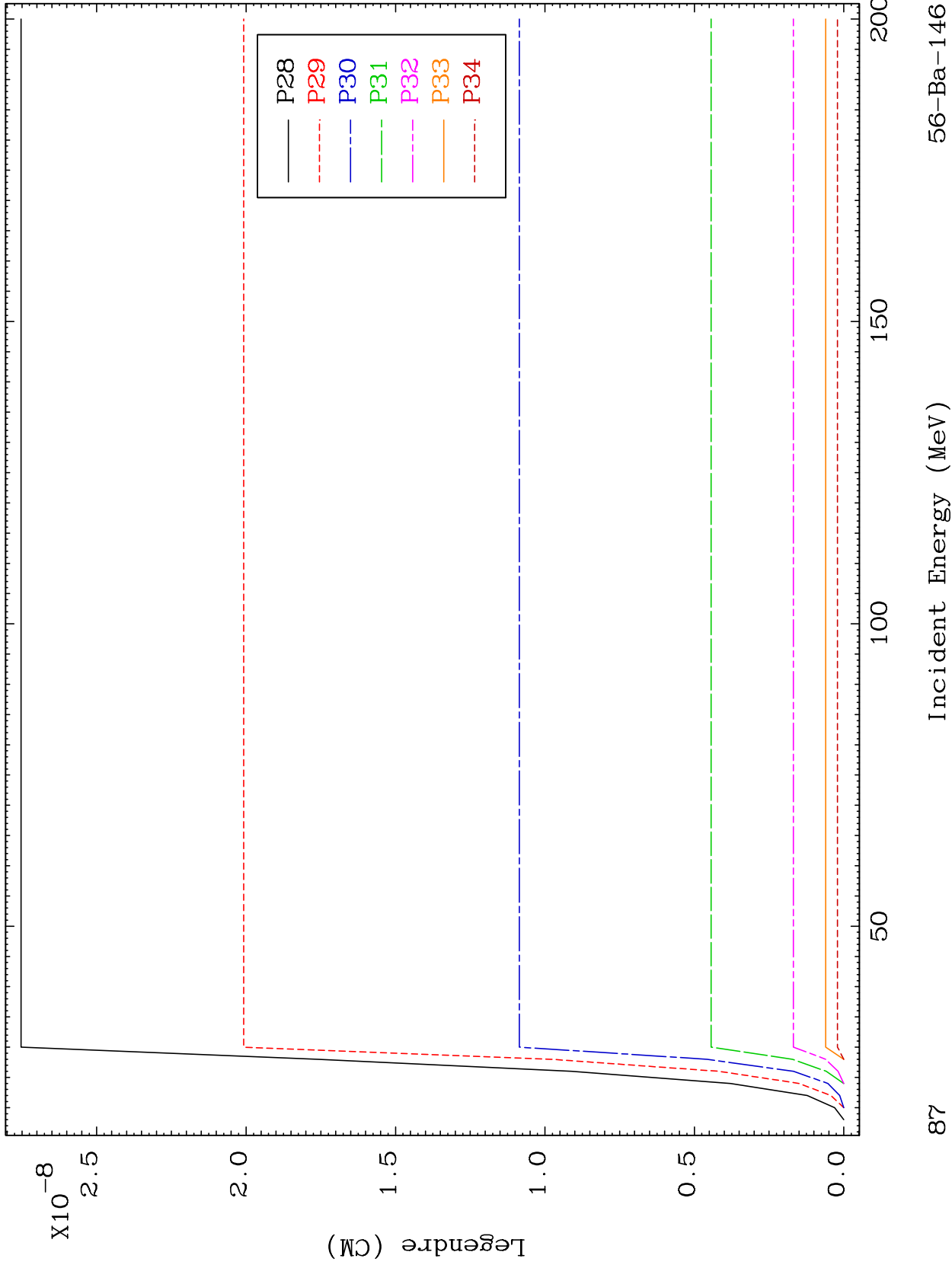




MAT 5673

2.029 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

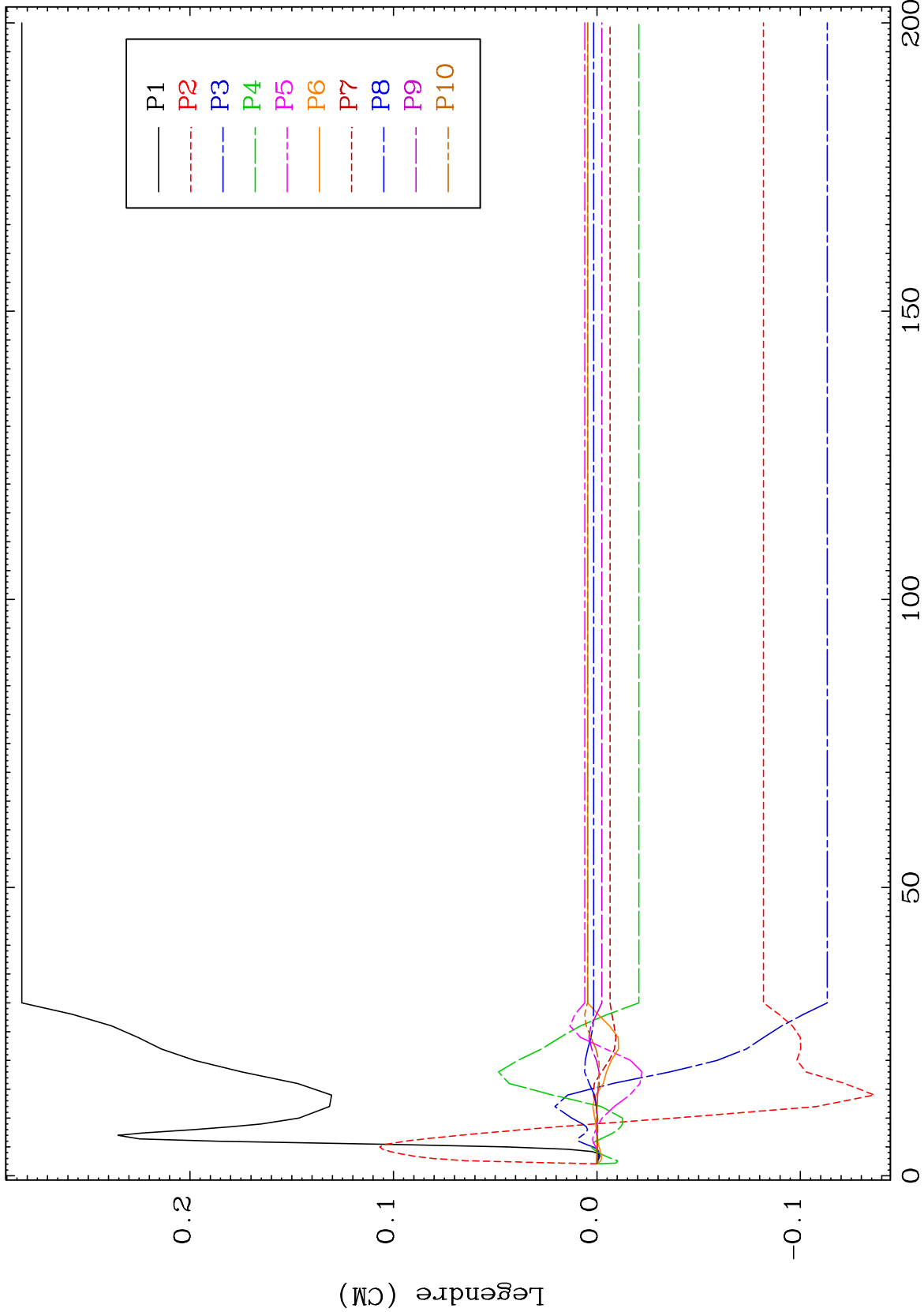




MAT 5673

2.052 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



88

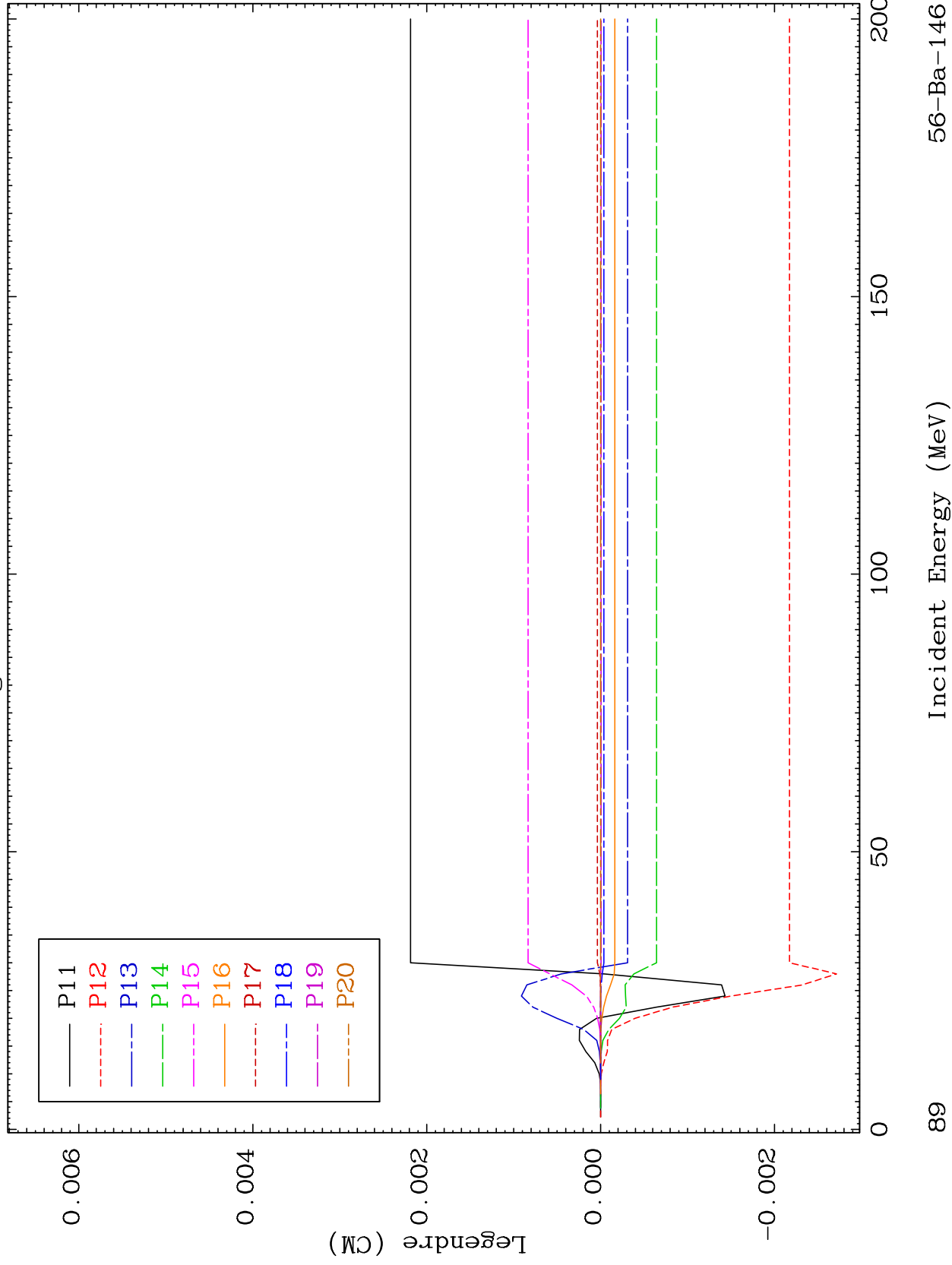
Incident Energy (MeV)

56-Ba-146

MAT 5673

2.052 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



89

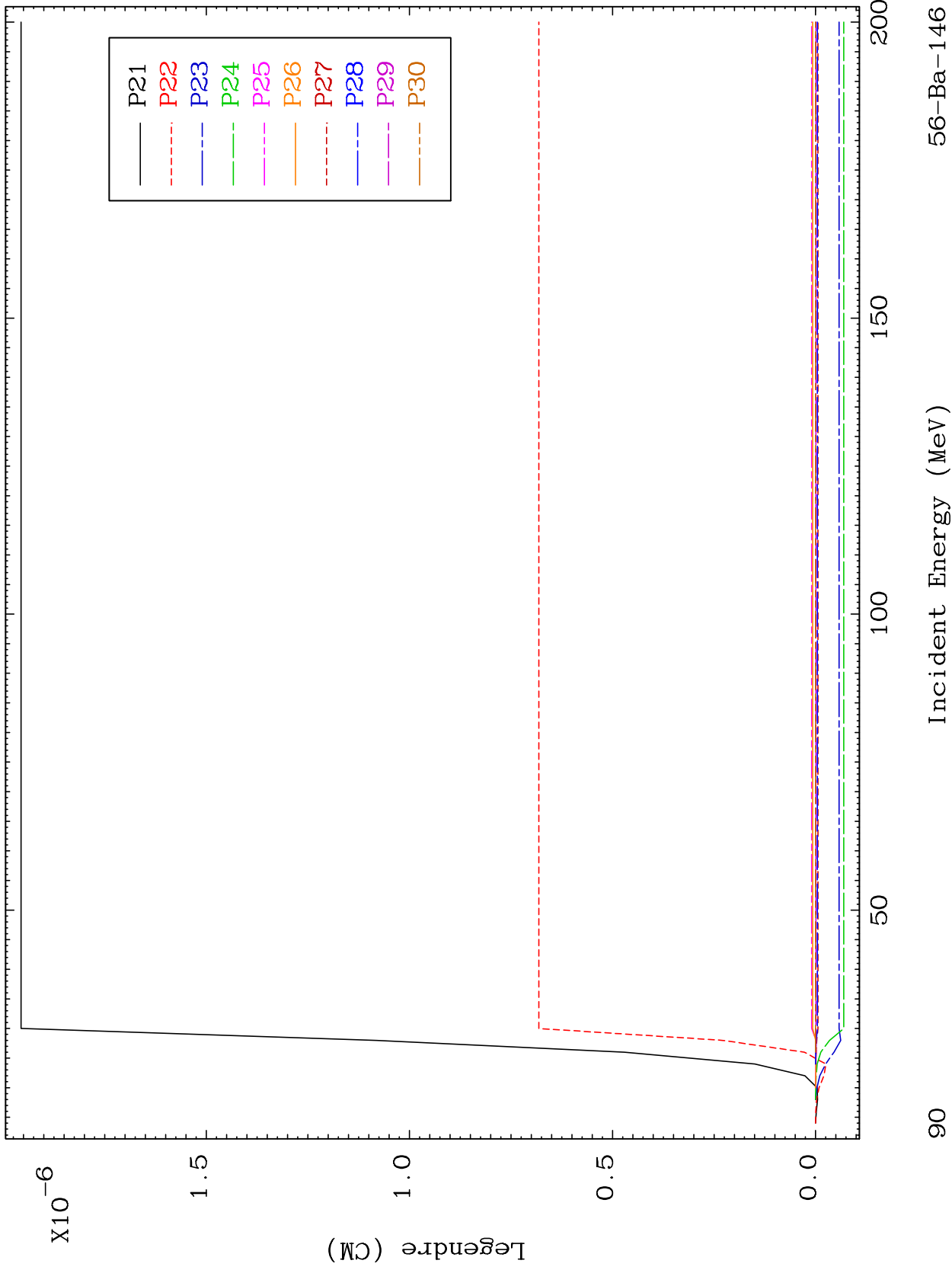
Incident Energy (MeV)

56-Ba-146

MAT 5673

2.052 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146

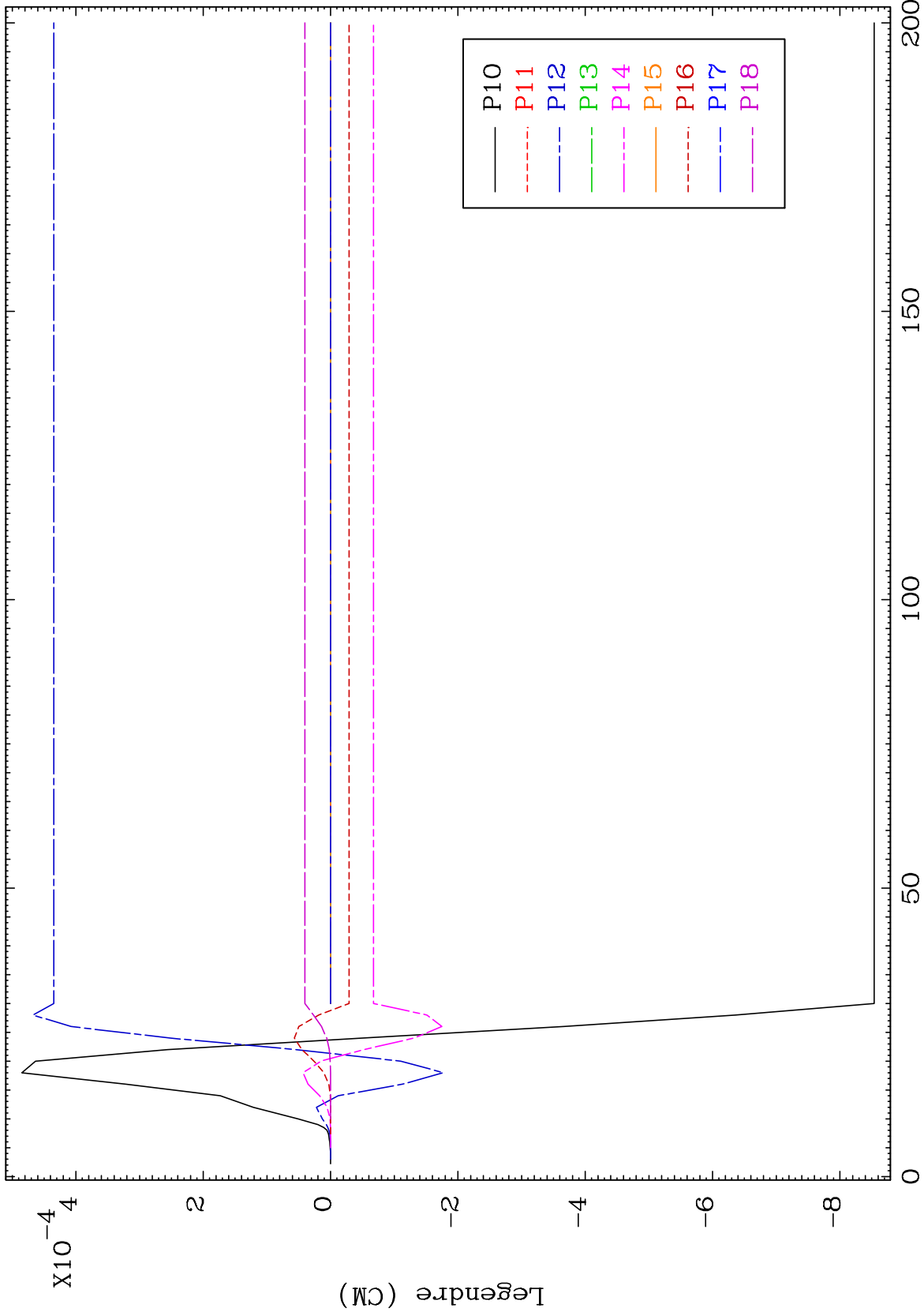




MAT 5673

2.090 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



92

56-Ba-146

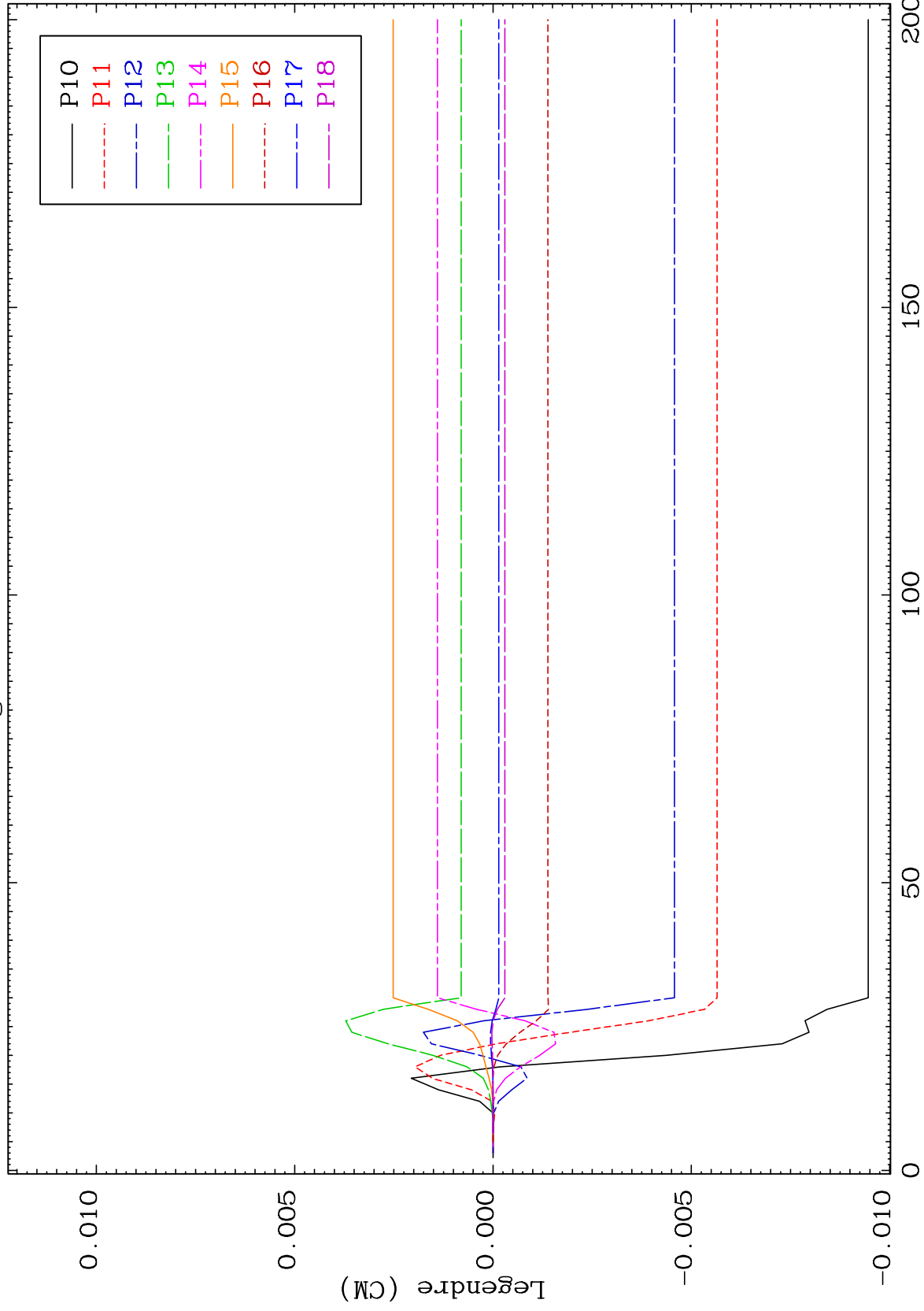




MAT 5673

2.097 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

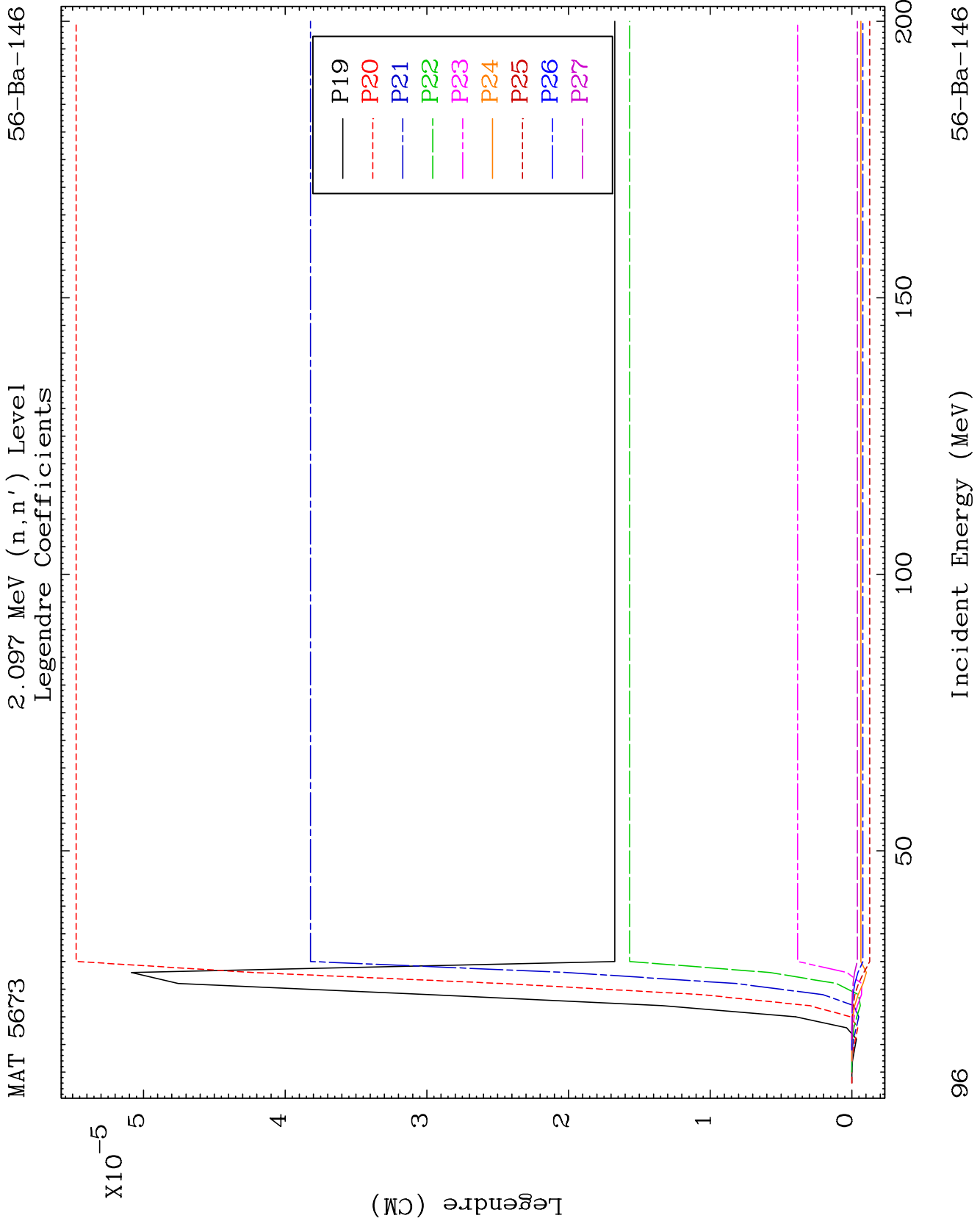


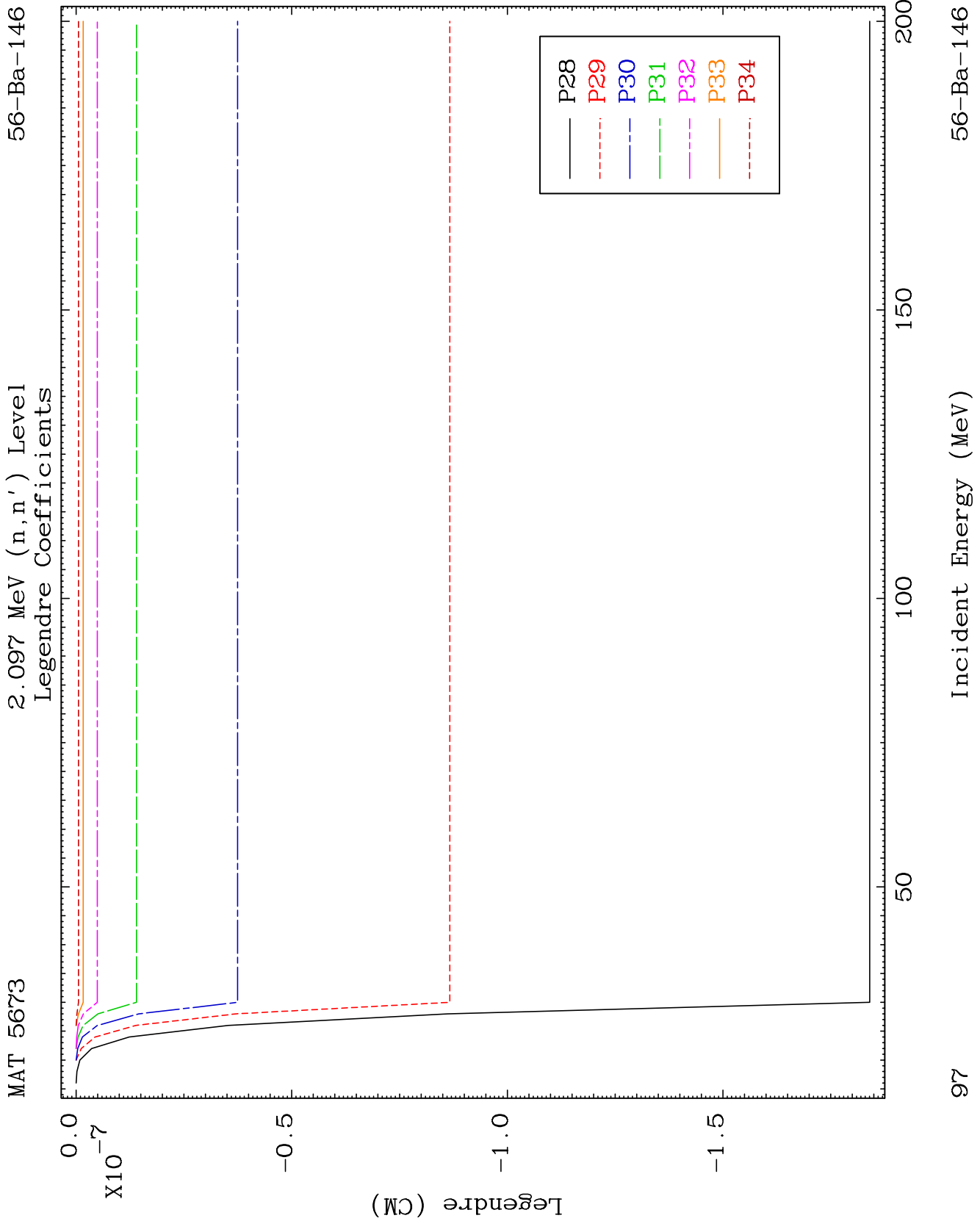
95

Incident Energy (MeV)

56-Ba-146



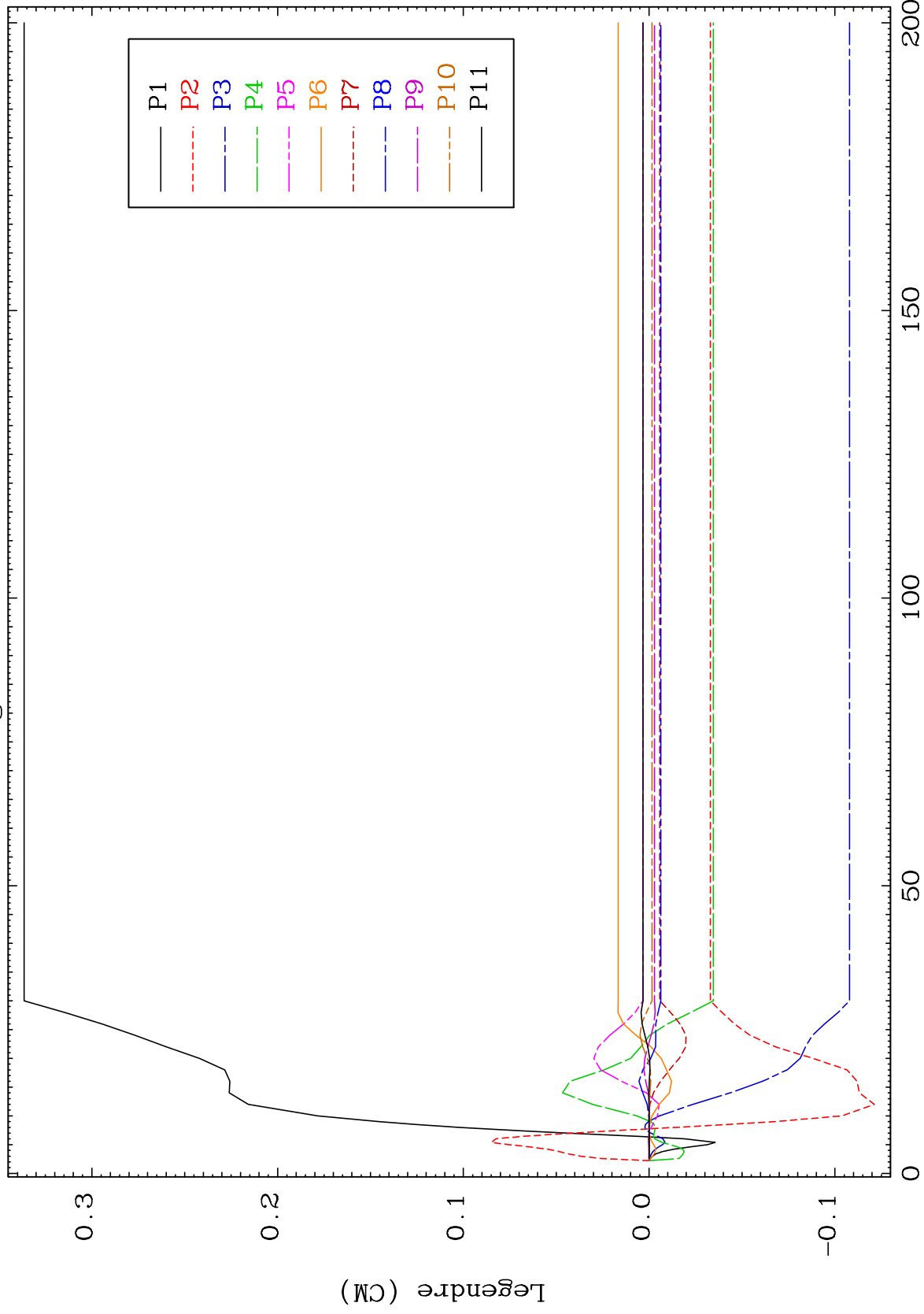




MAT 5673

2.191 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



98

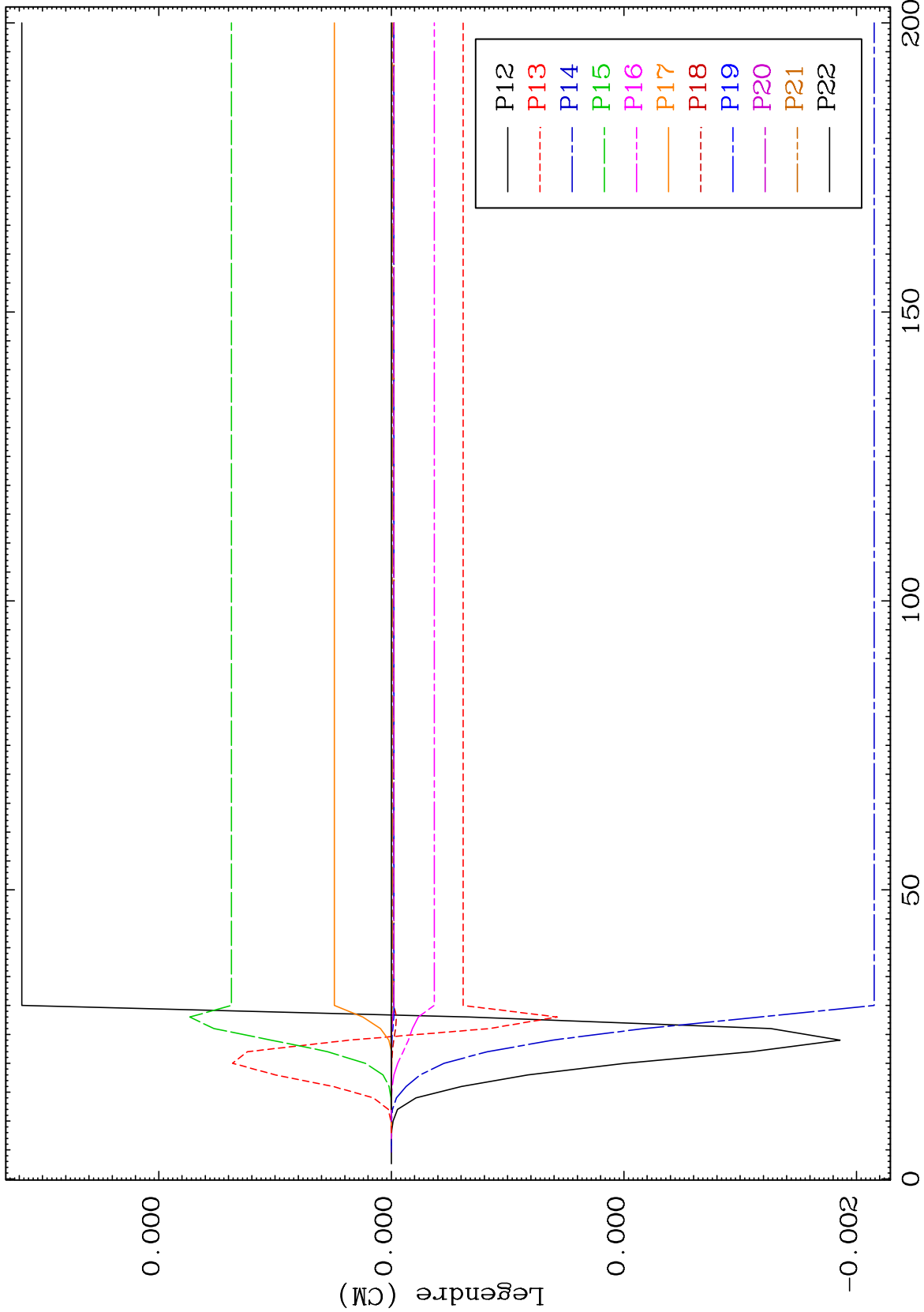
Incident Energy (MeV)

56-Ba-146

MAT 5673

2.191 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



99

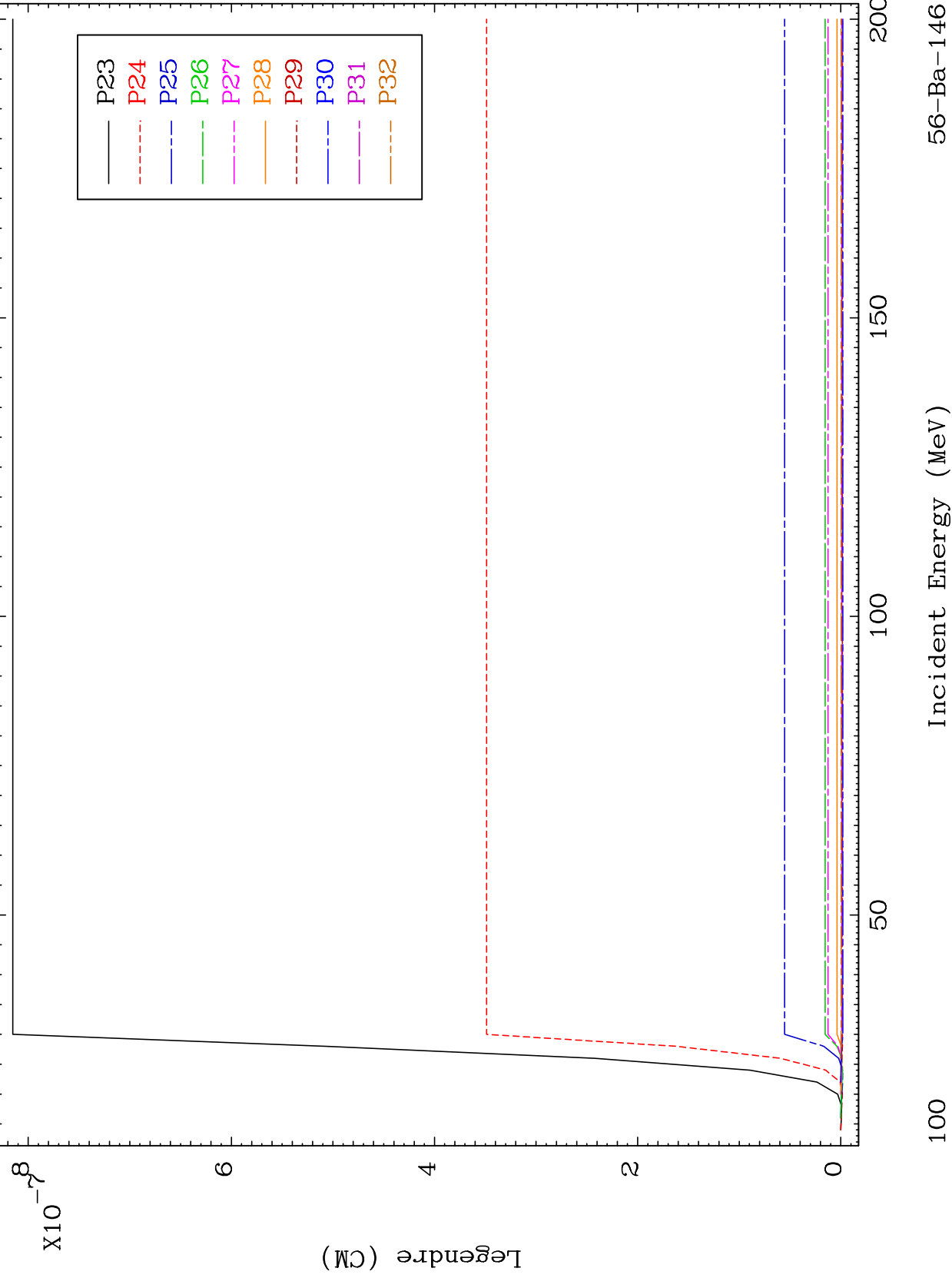
Incident Energy (MeV)

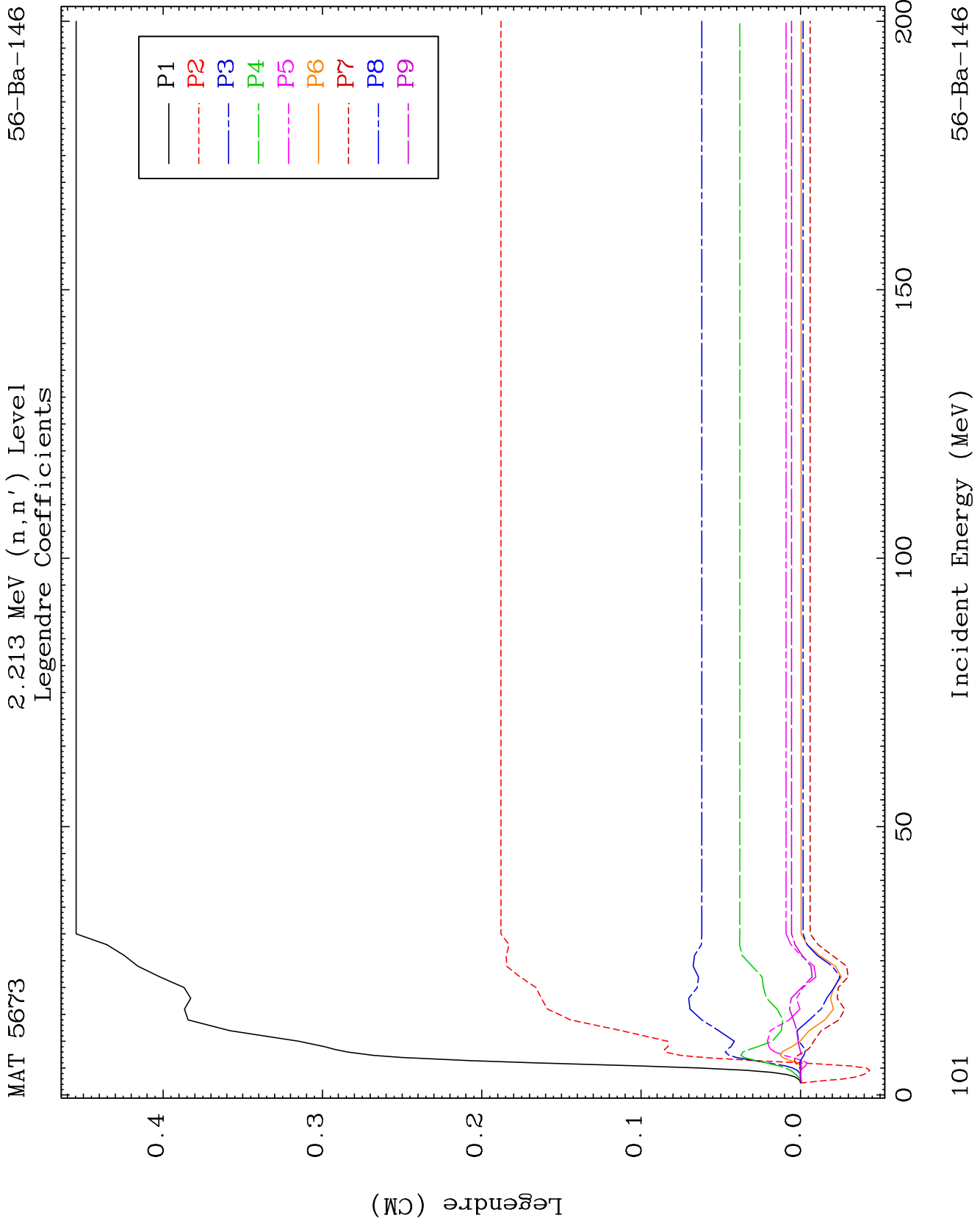
56-Ba-146

MAT 5673

2.191 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146

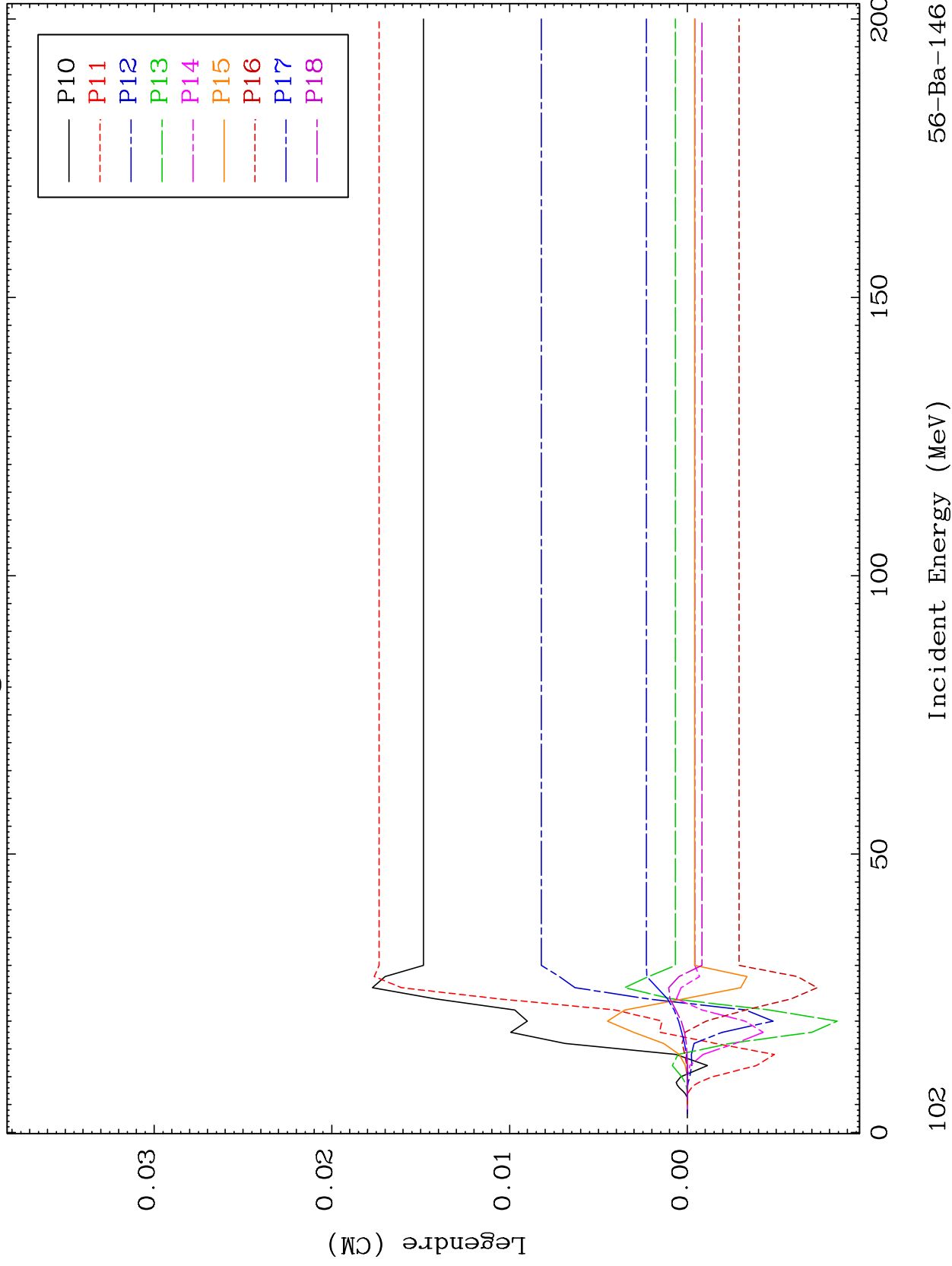




MAT 5673

2.213 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

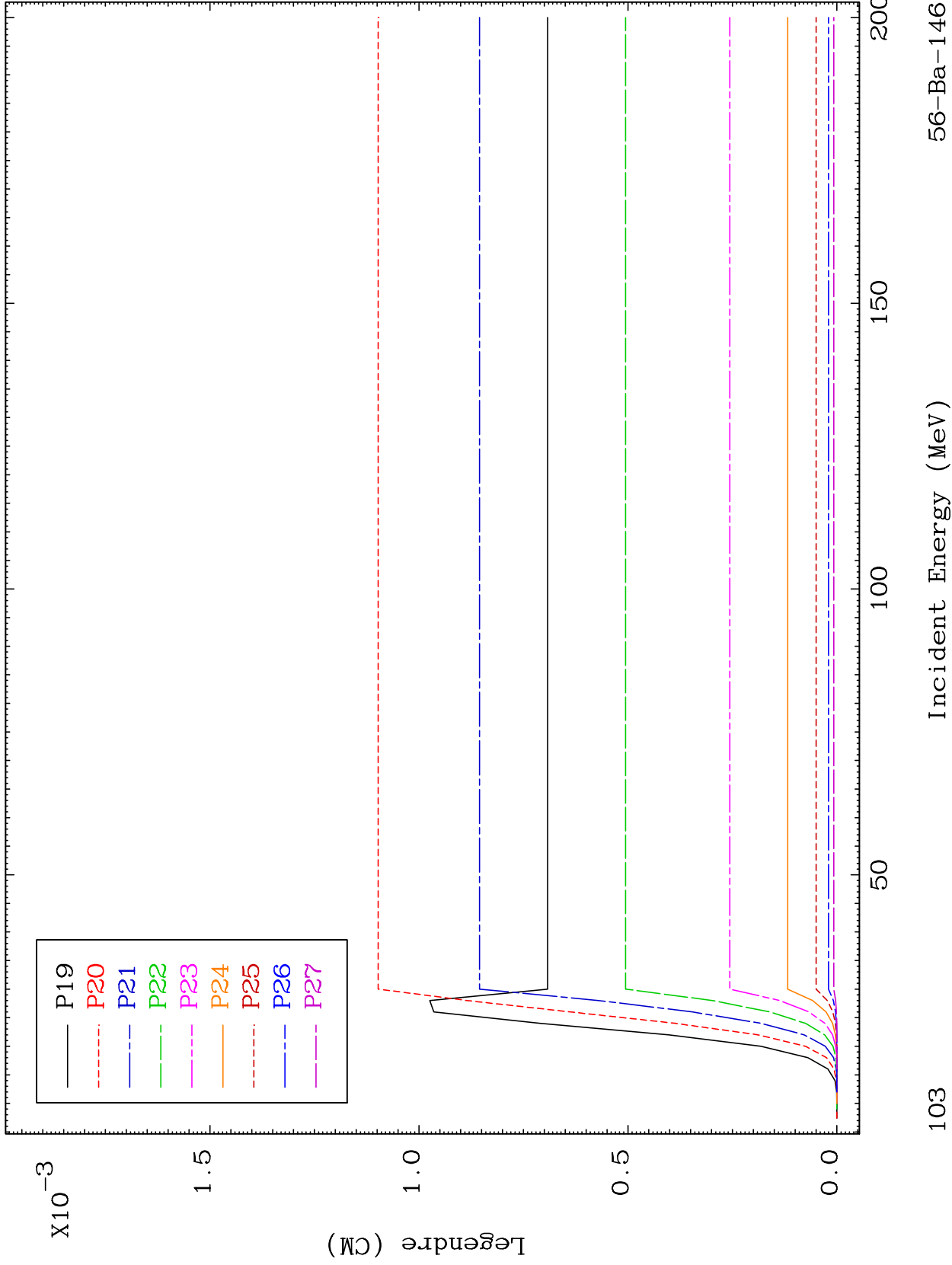
Incident Energy (MeV)

102

MAT 5673

2.213 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



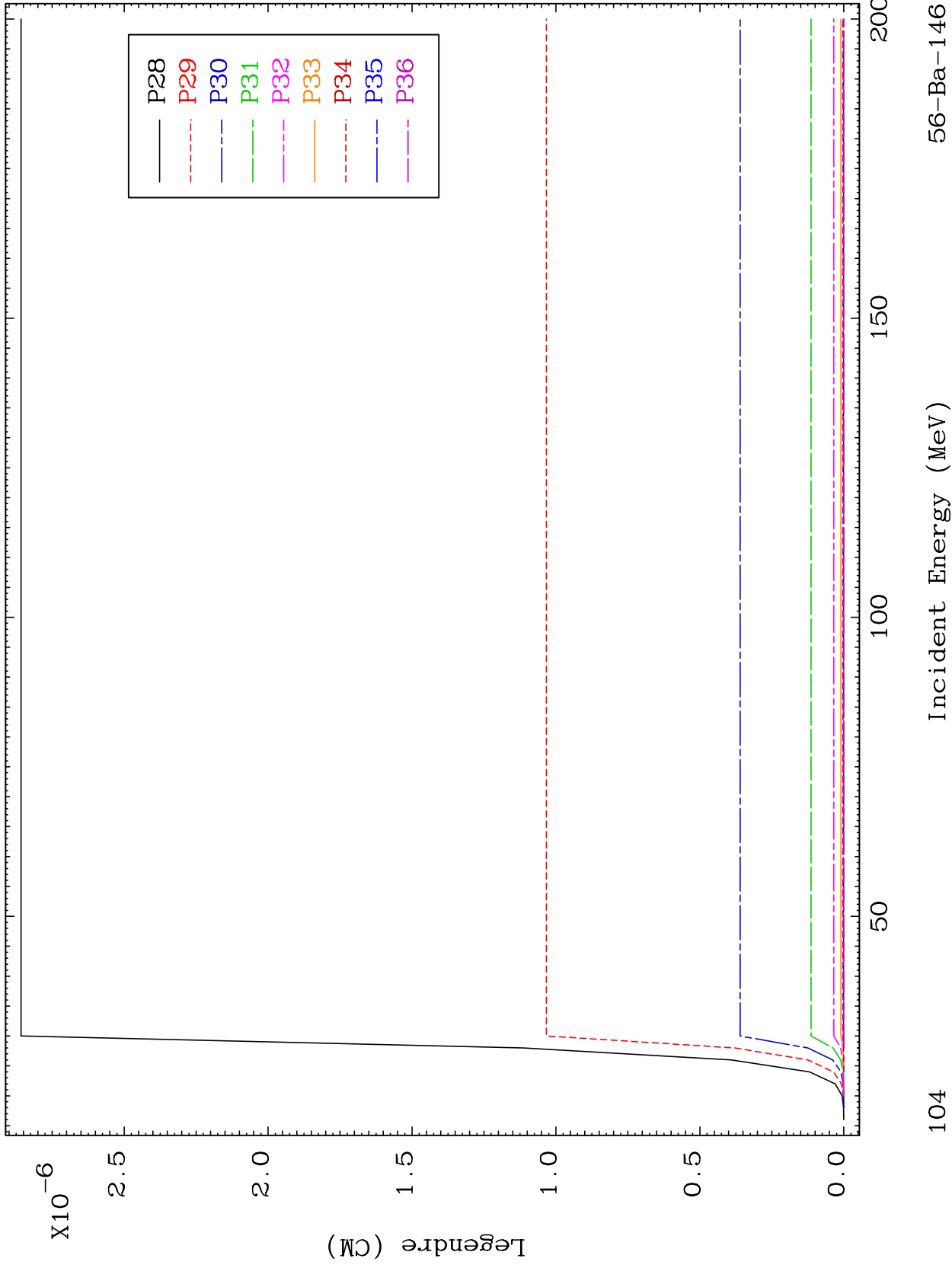
103



MAT 5673

2.213 MeV (n, n') Level  
Legendre Coefficients

56-Ba-146



104

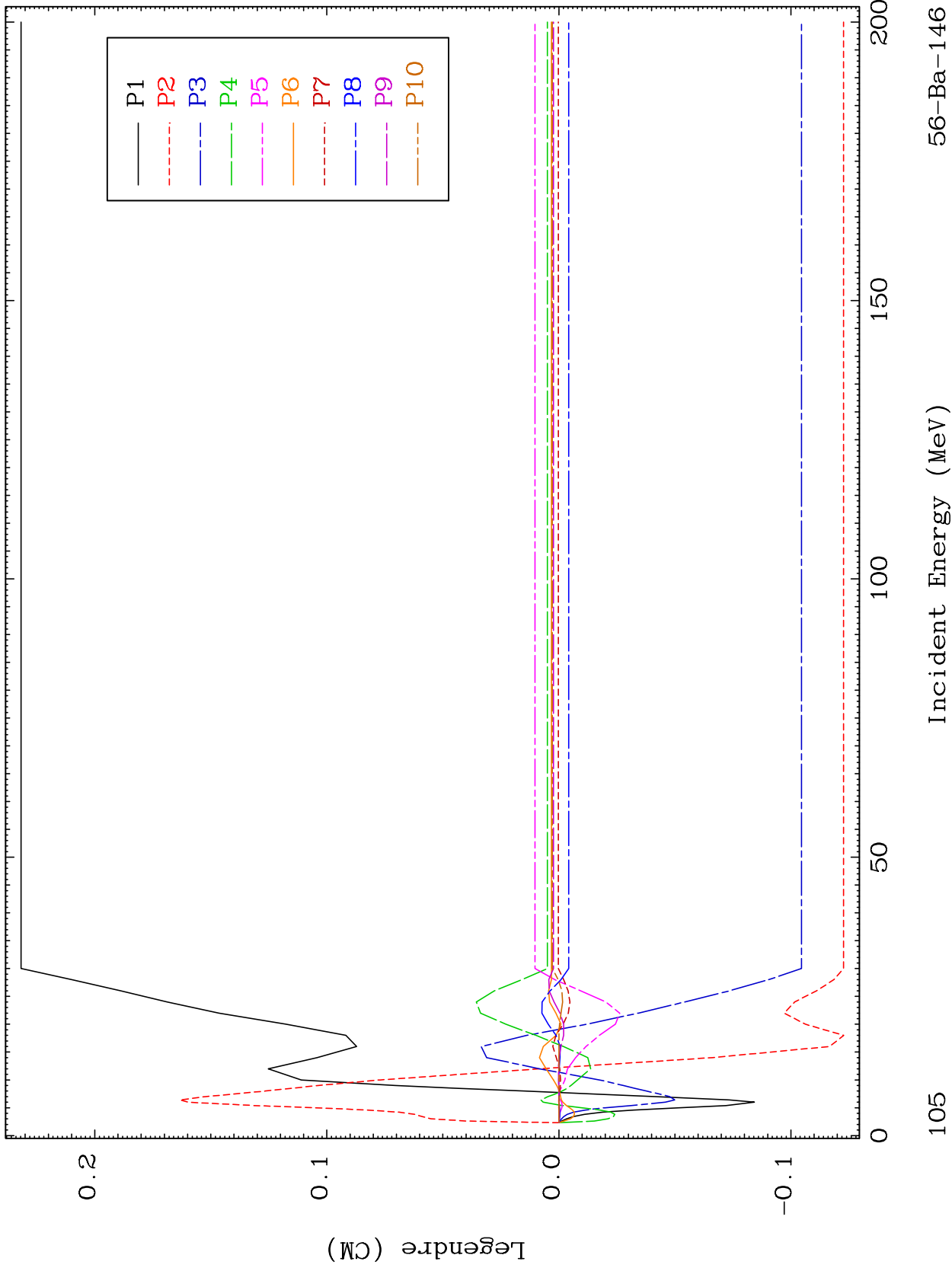
Incident Energy (MeV)

56-Ba-146

MAT 5673

2.293 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

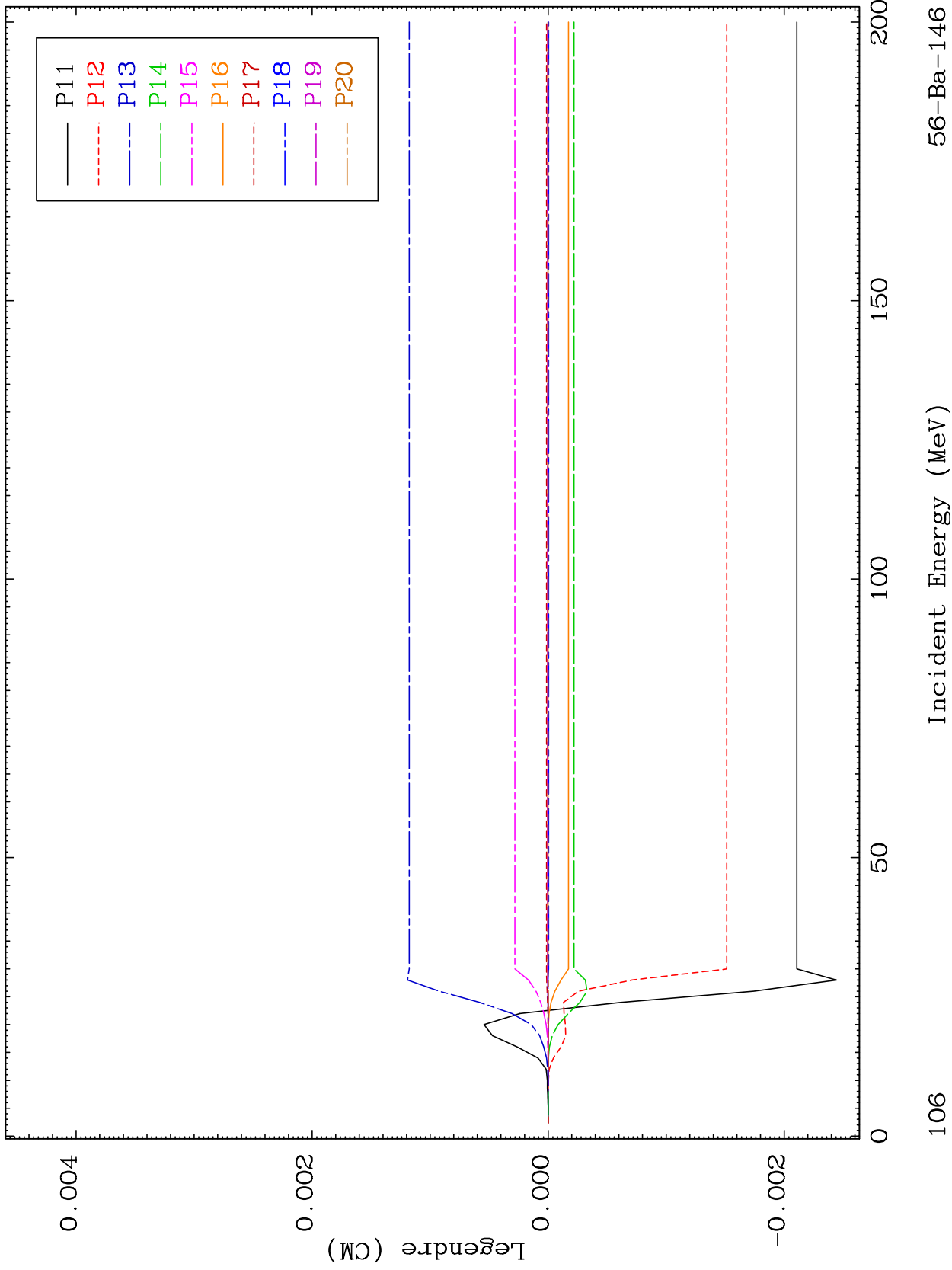
Incident Energy (MeV)

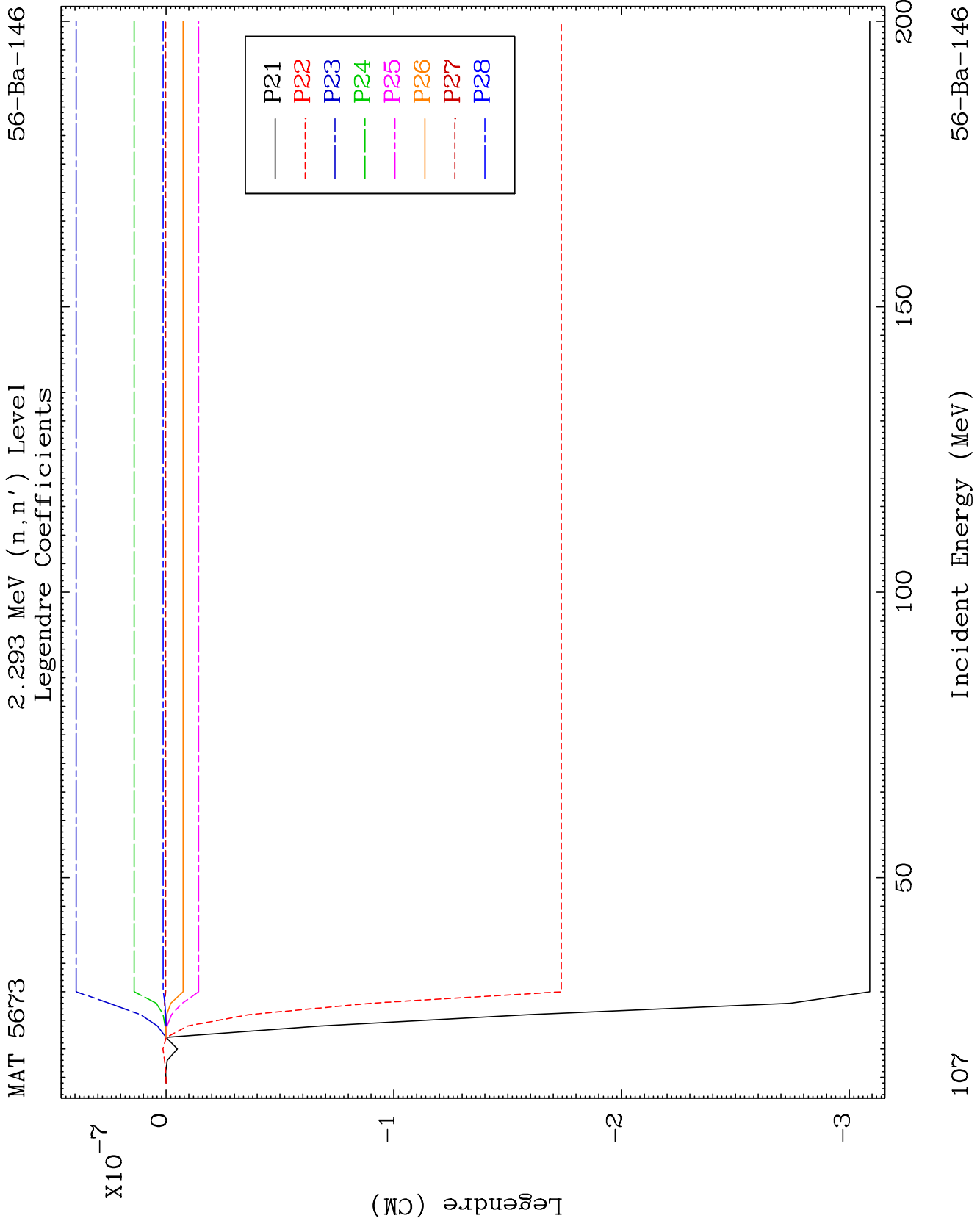
Legendre (CM)

MAT 5673

2.293 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

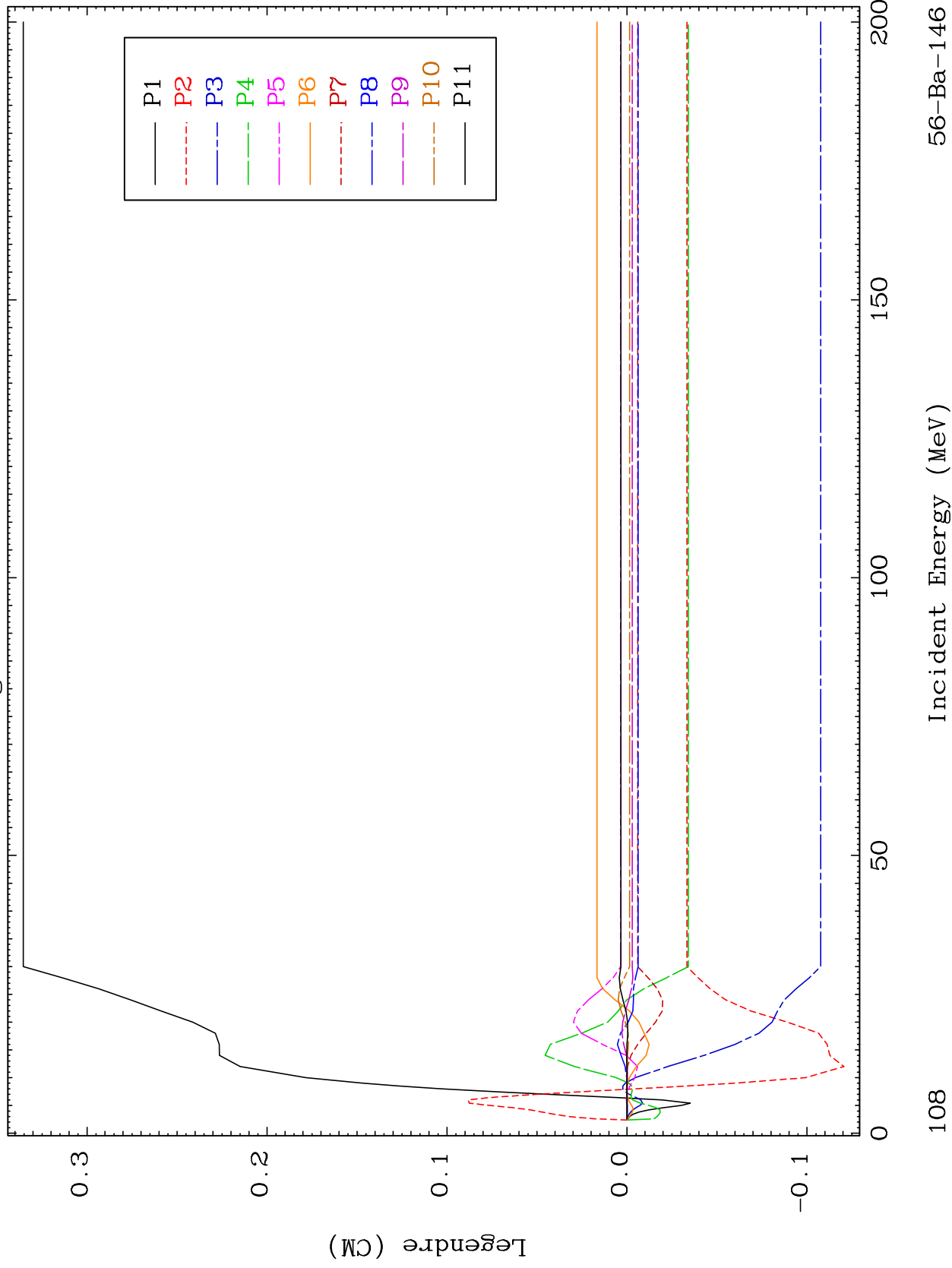




MAT 5673

2.350 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

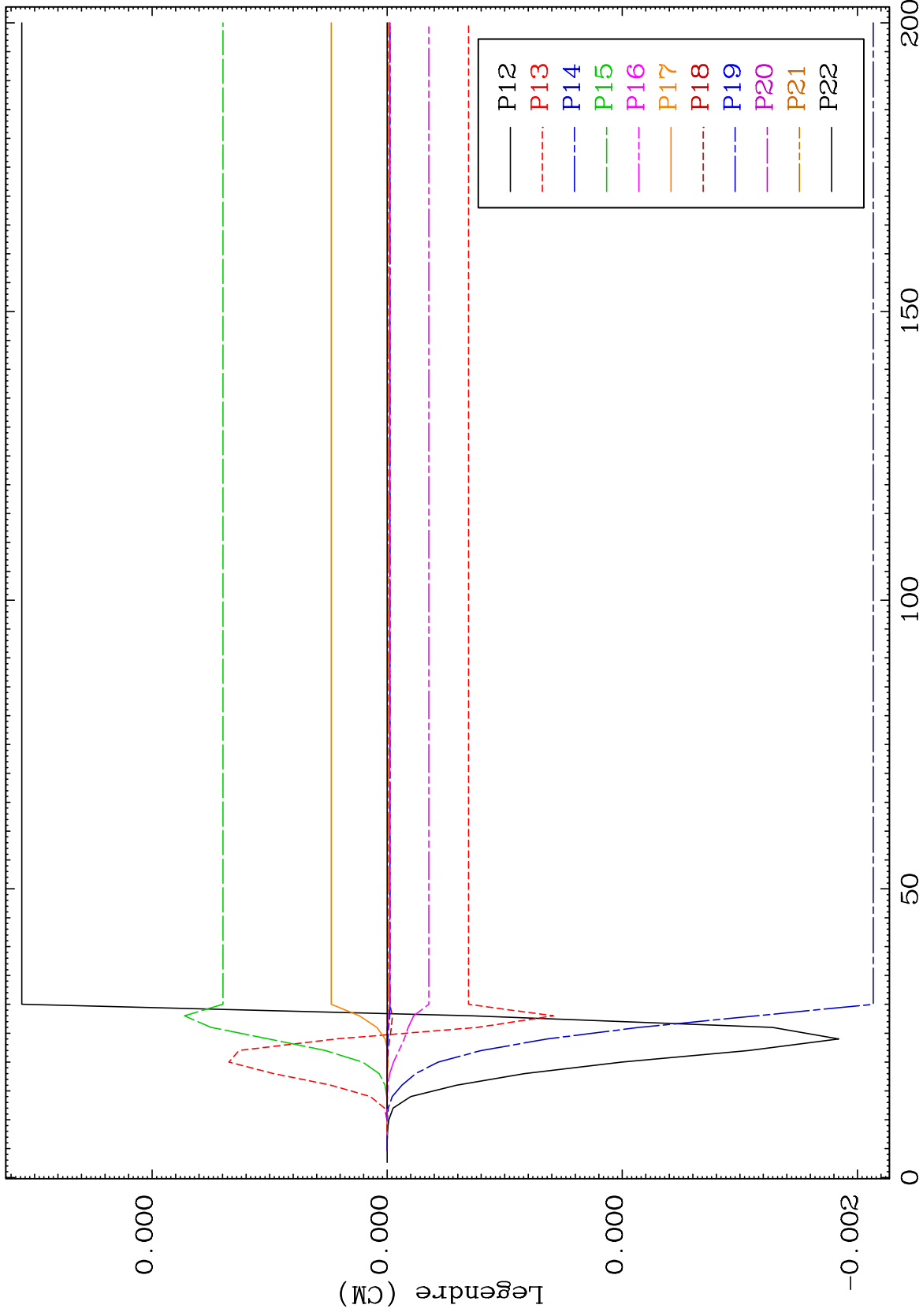
Incident Energy (MeV)

108

MAT 5673

2.350 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



109

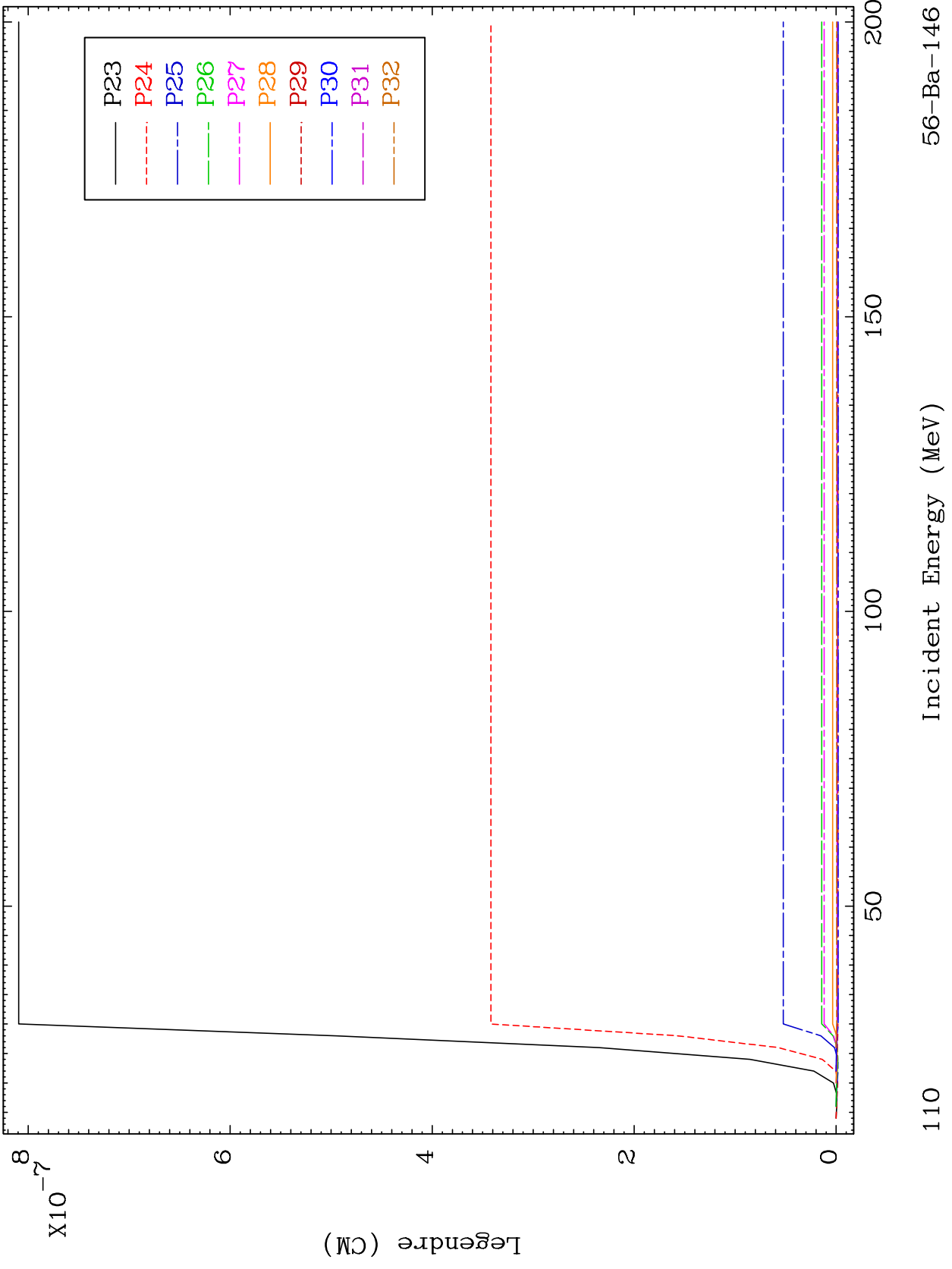
Incident Energy (MeV)

56-Ba-146

MAT 5673

2.350 MeV (n,n') Level  
Legendre Coefficients

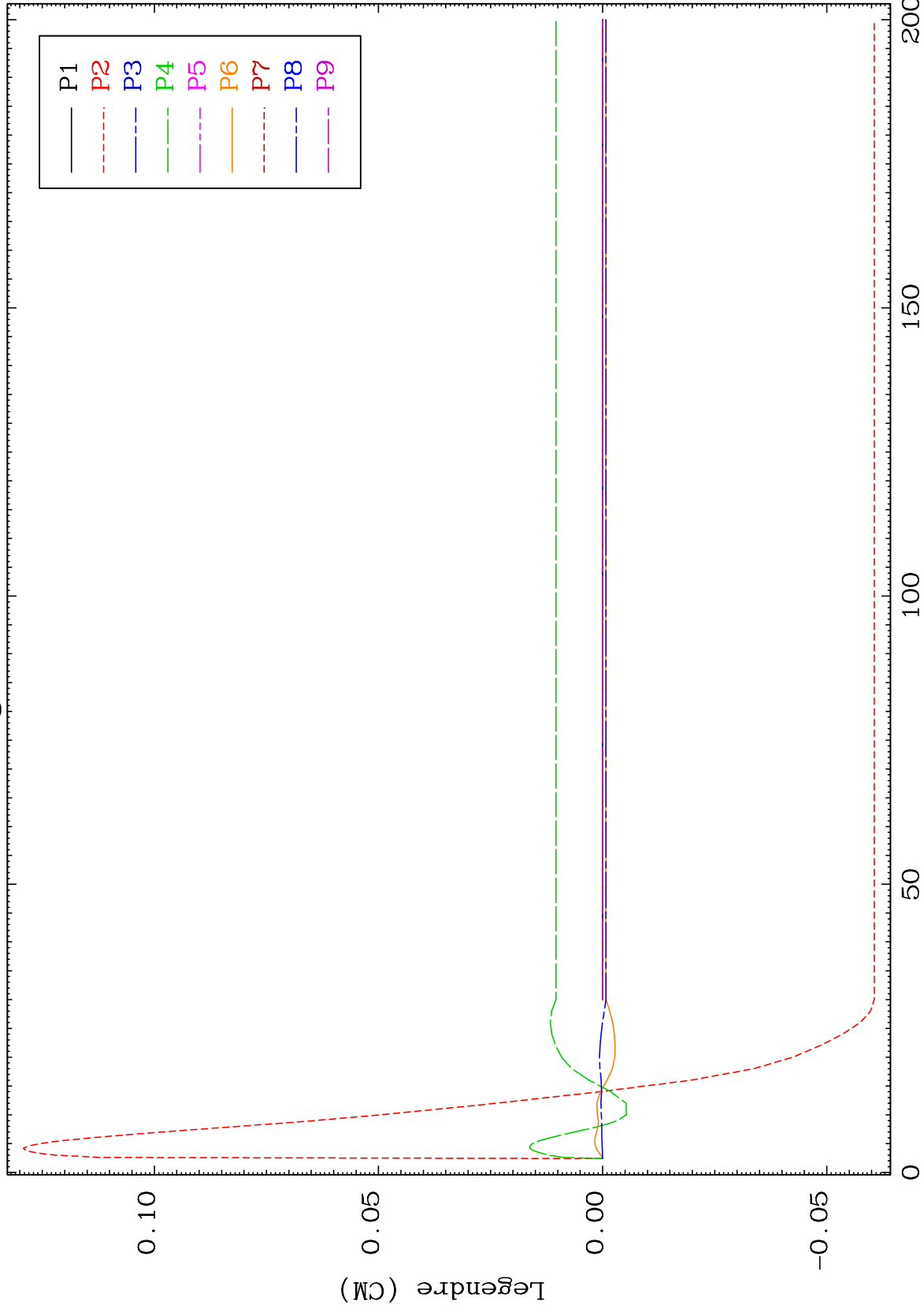
56-Ba-146



MAT 5673

2.389 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



111

Incident Energy (MeV)

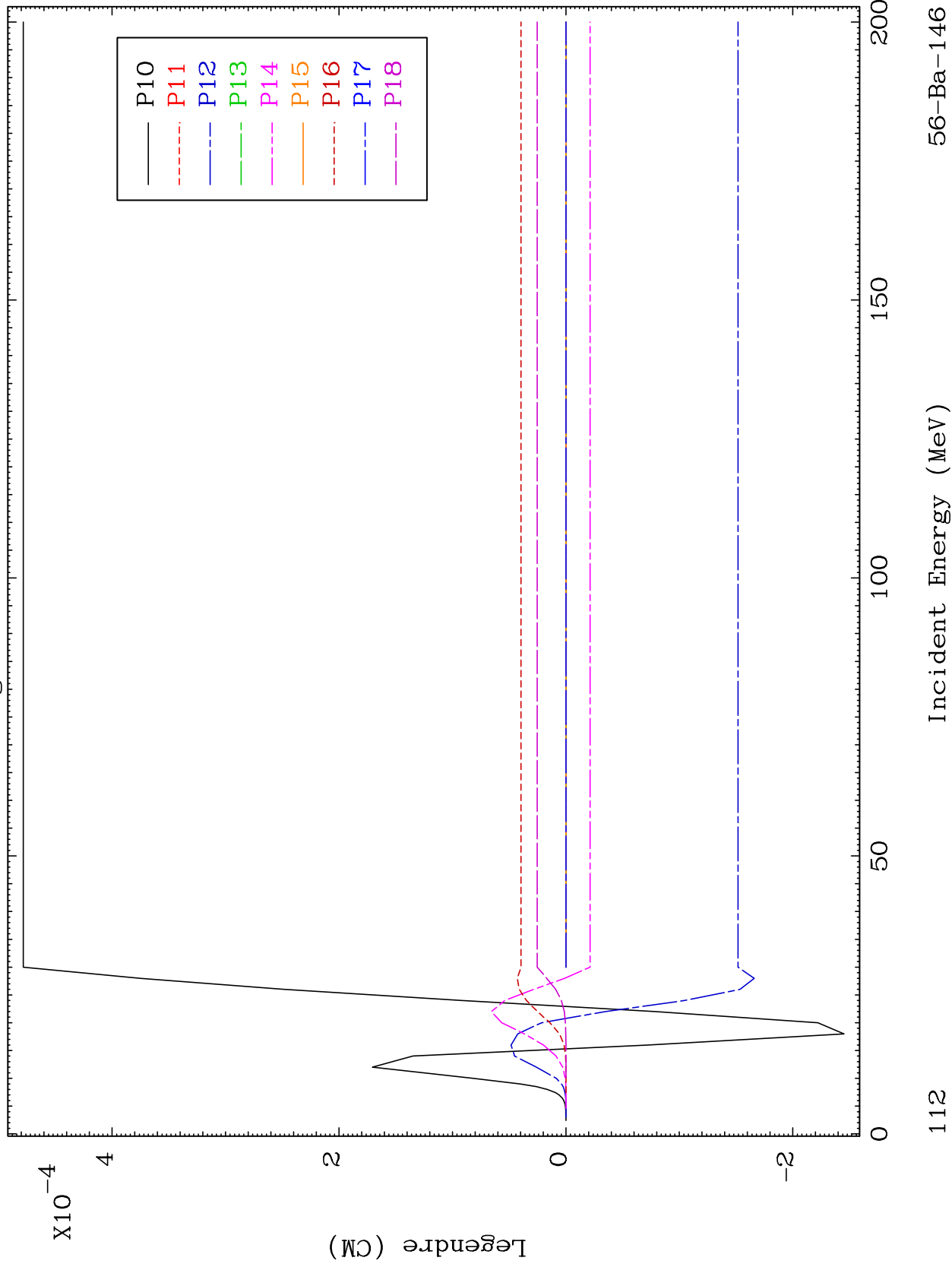
56-Ba-146



MAT 5673

2.389 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

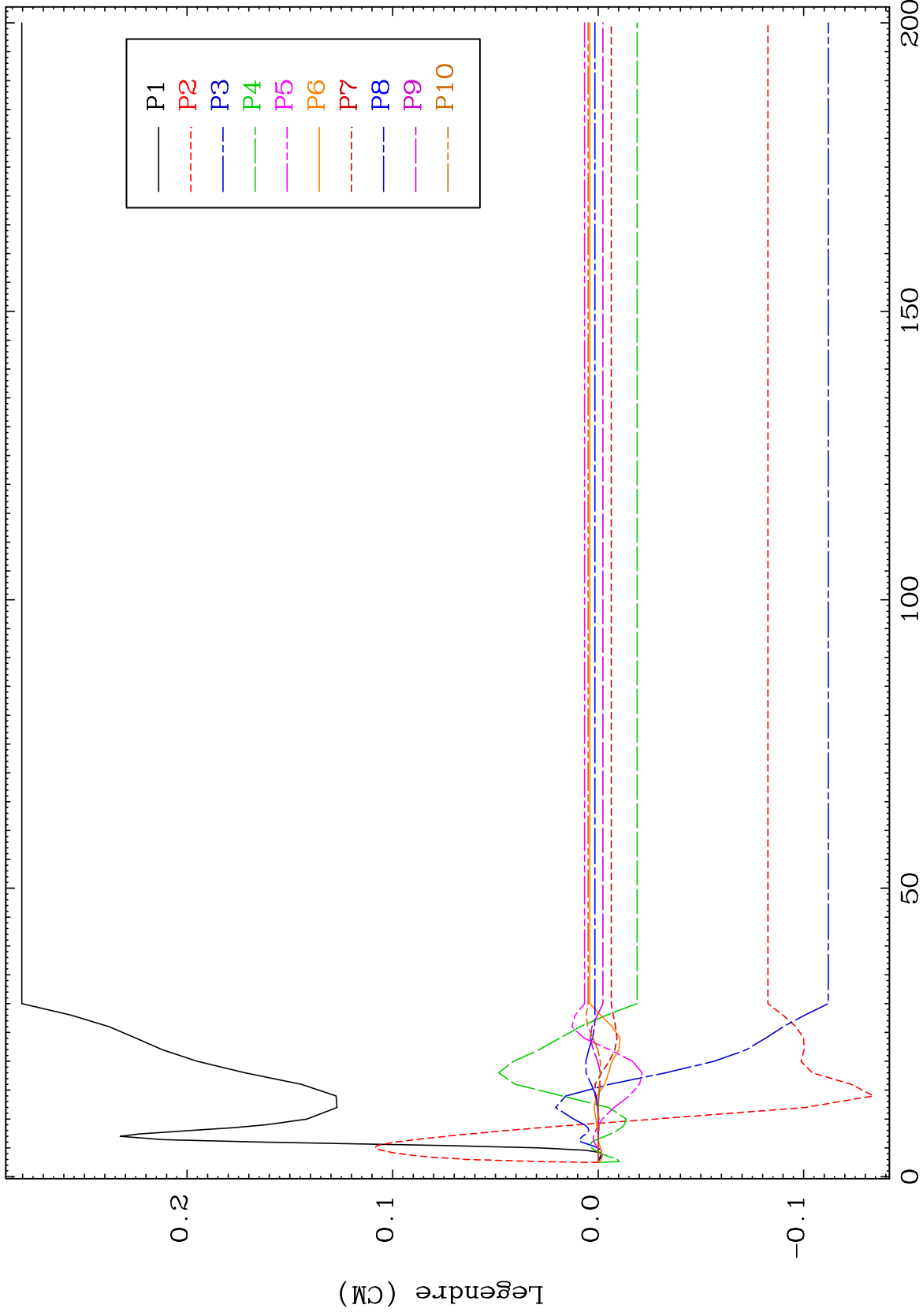




MAT 5673

2.443 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



114

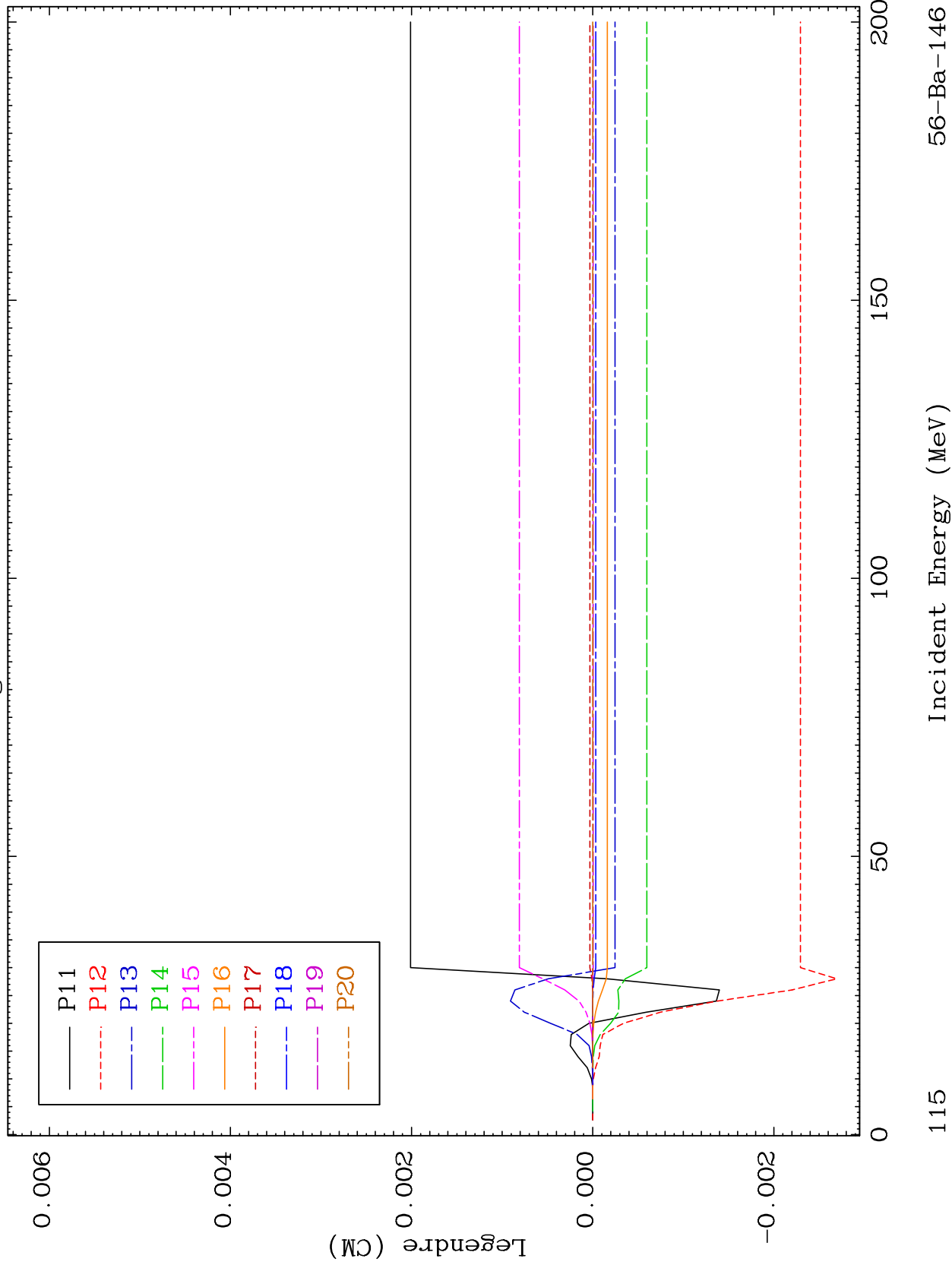
Incident Energy (MeV)

56-Ba-146

MAT 5673

2.443 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146



56-Ba-146

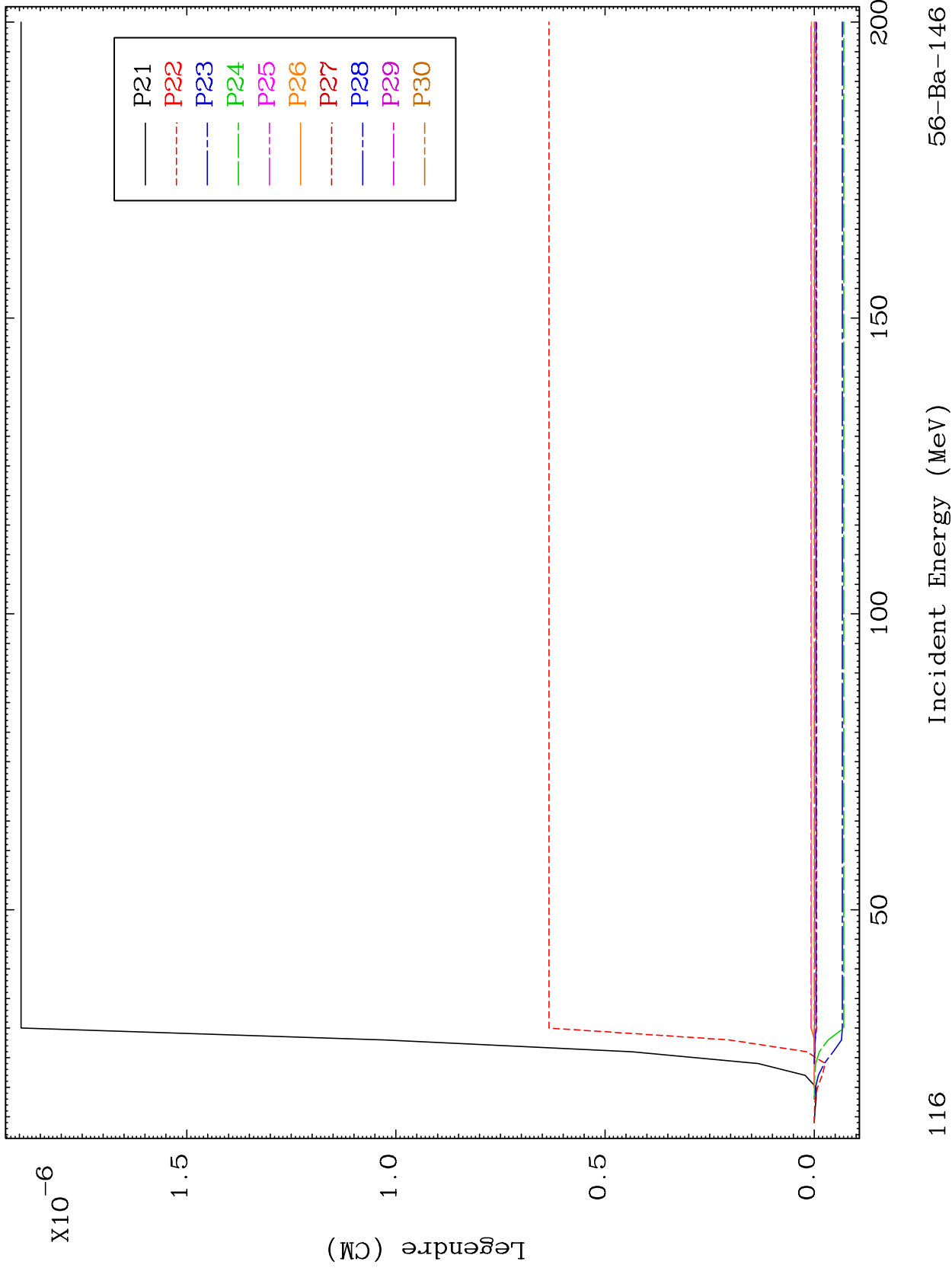
Incident Energy (MeV)

115

MAT 5673

2.443 MeV (n,n') Level  
Legendre Coefficients

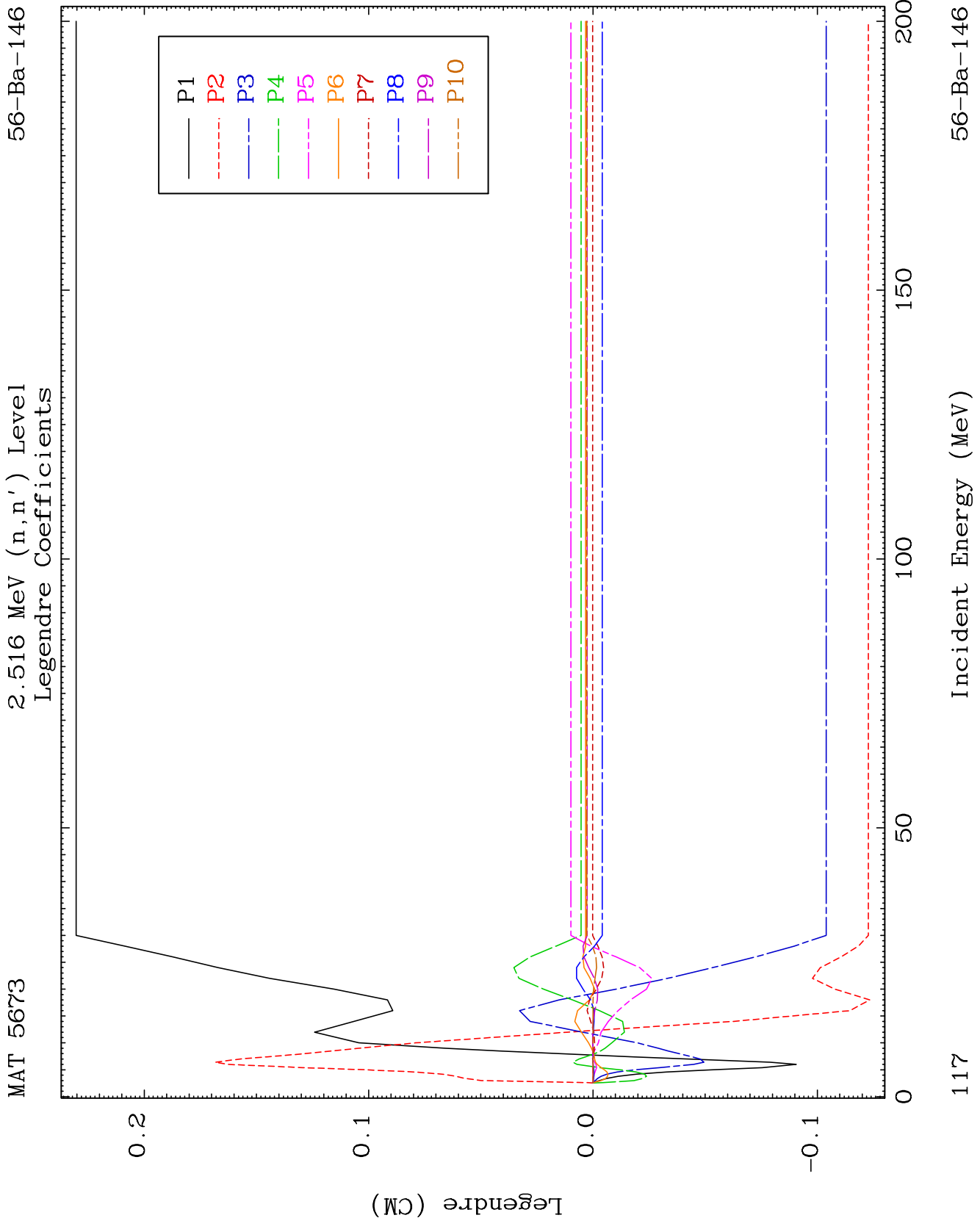
56-Ba-146



116

Incident Energy (MeV)

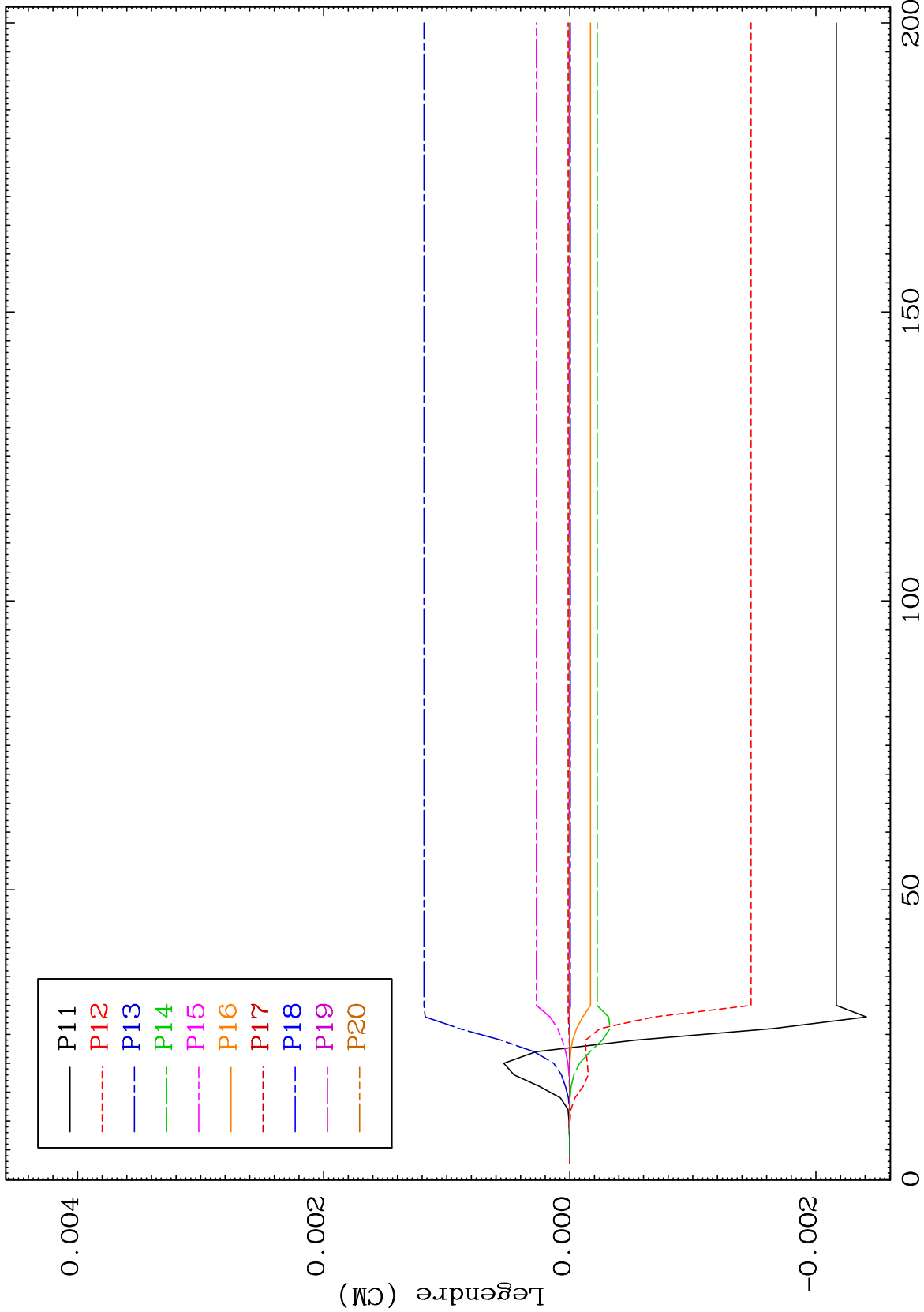
56-Ba-146



MAT 5673

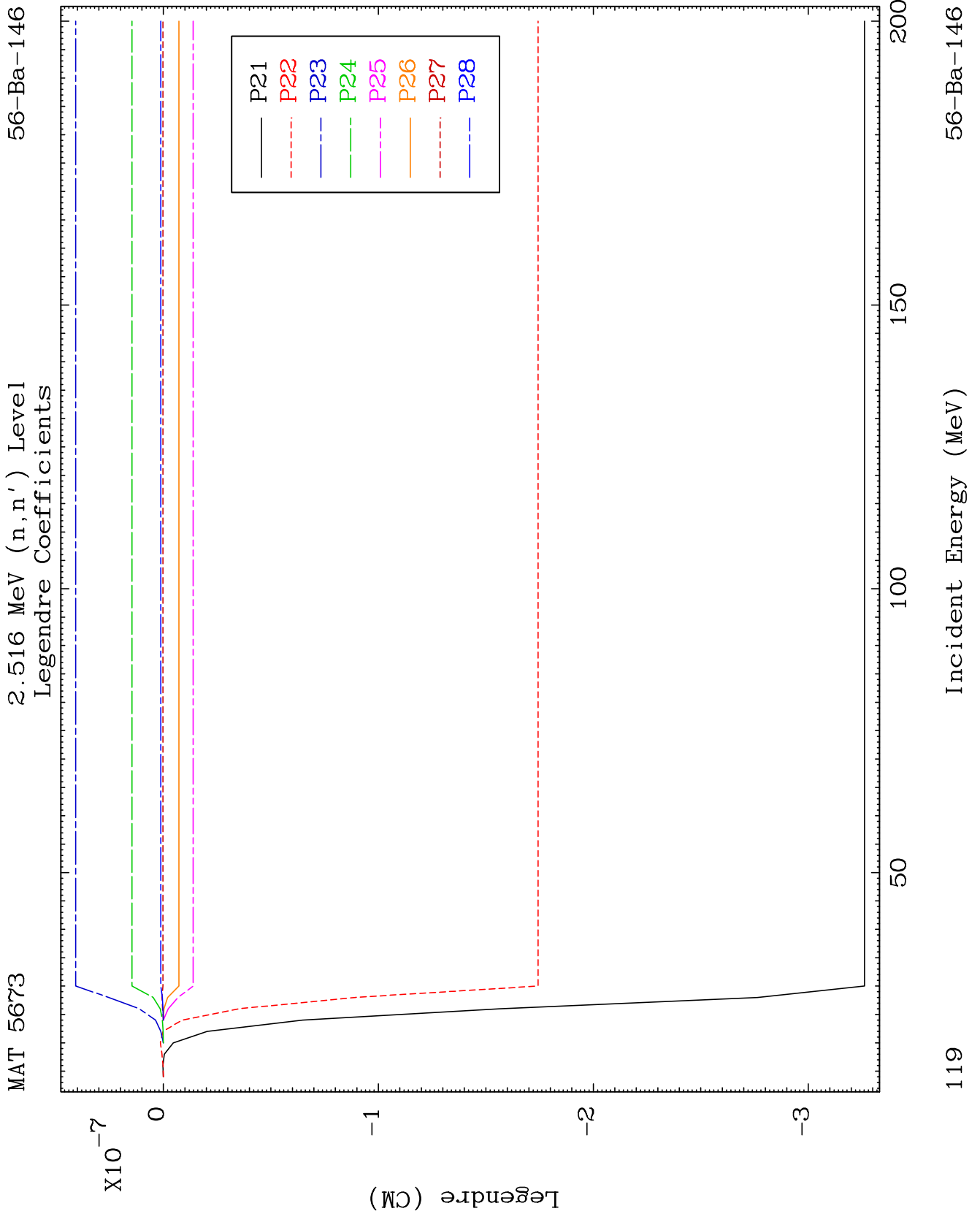
2.516 MeV (n,n') Level  
Legendre Coefficients

56-Ba-146

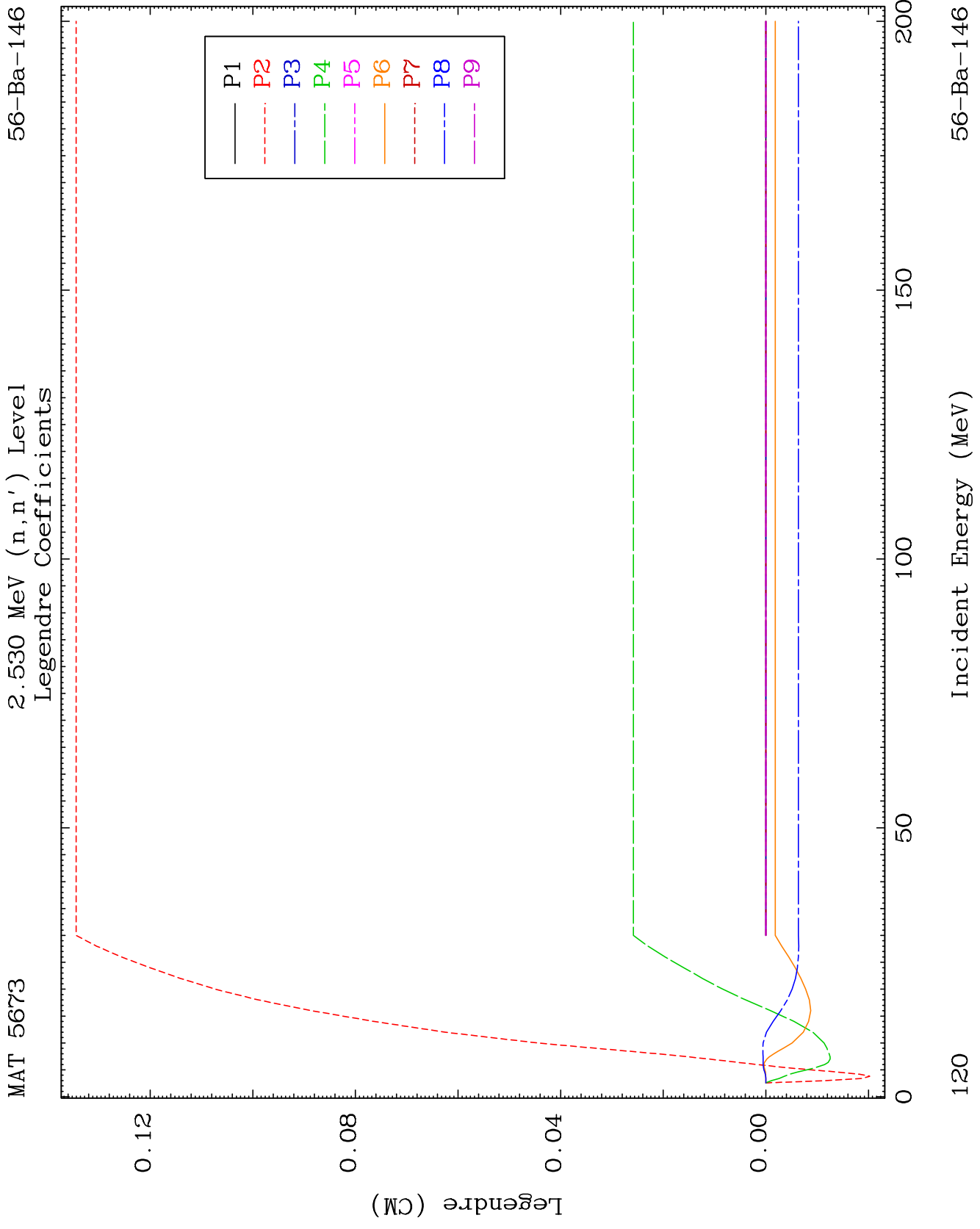


118

56-Ba-146



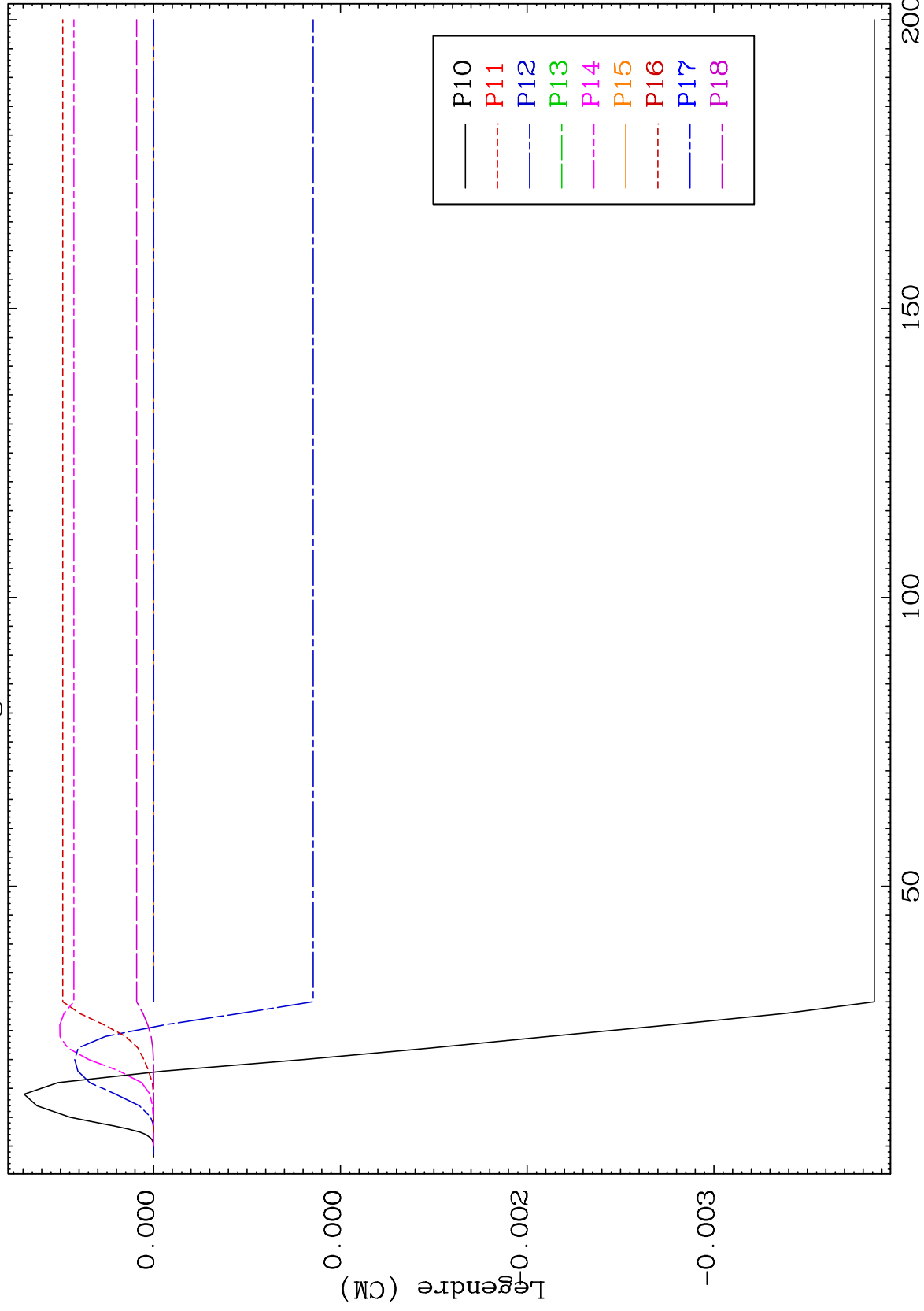




MAT 5673

2.530 MeV (n,n') Level  
Legendre Coefficients

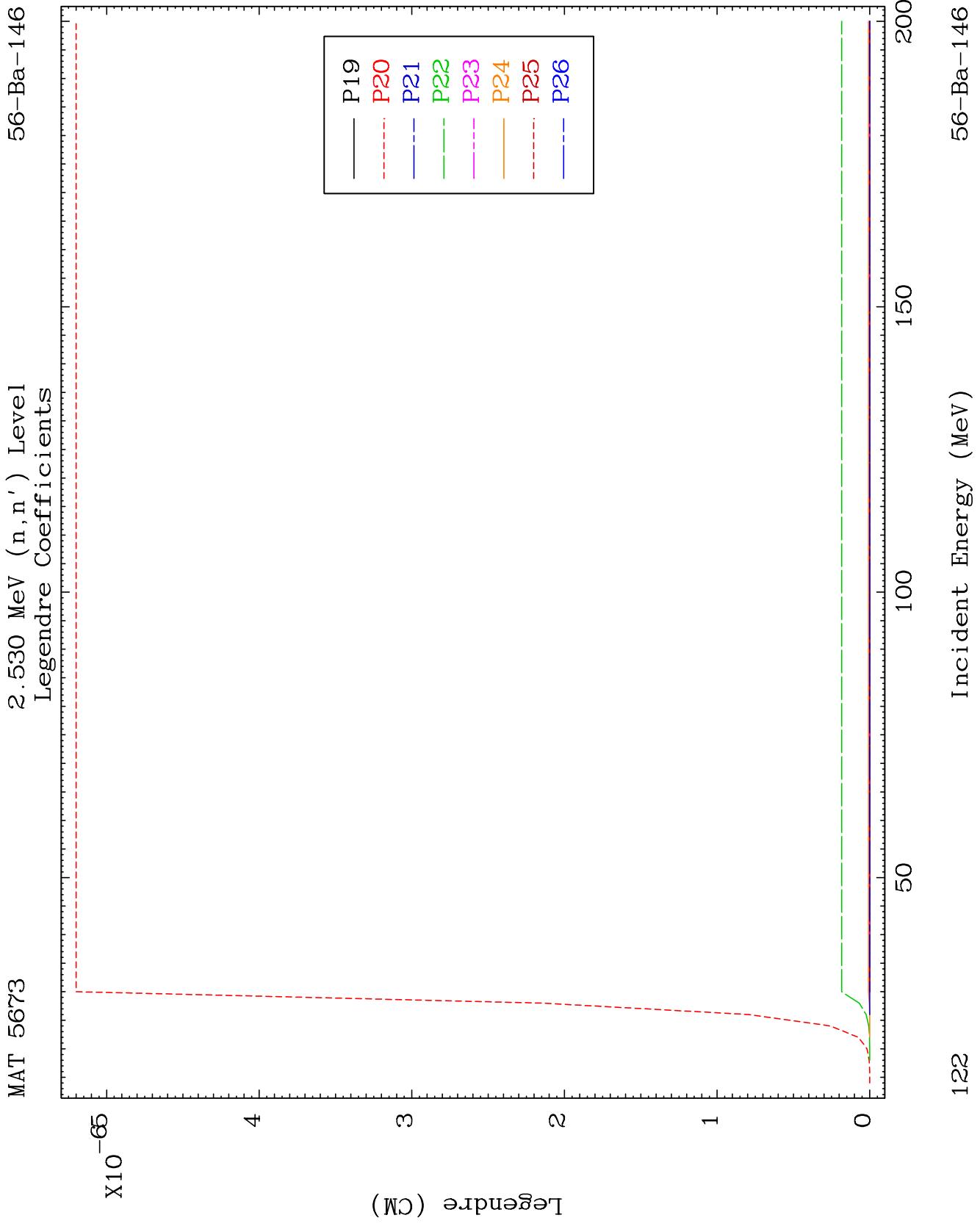
56-Ba-146



121

Incident Energy (MeV)

56-Ba-146

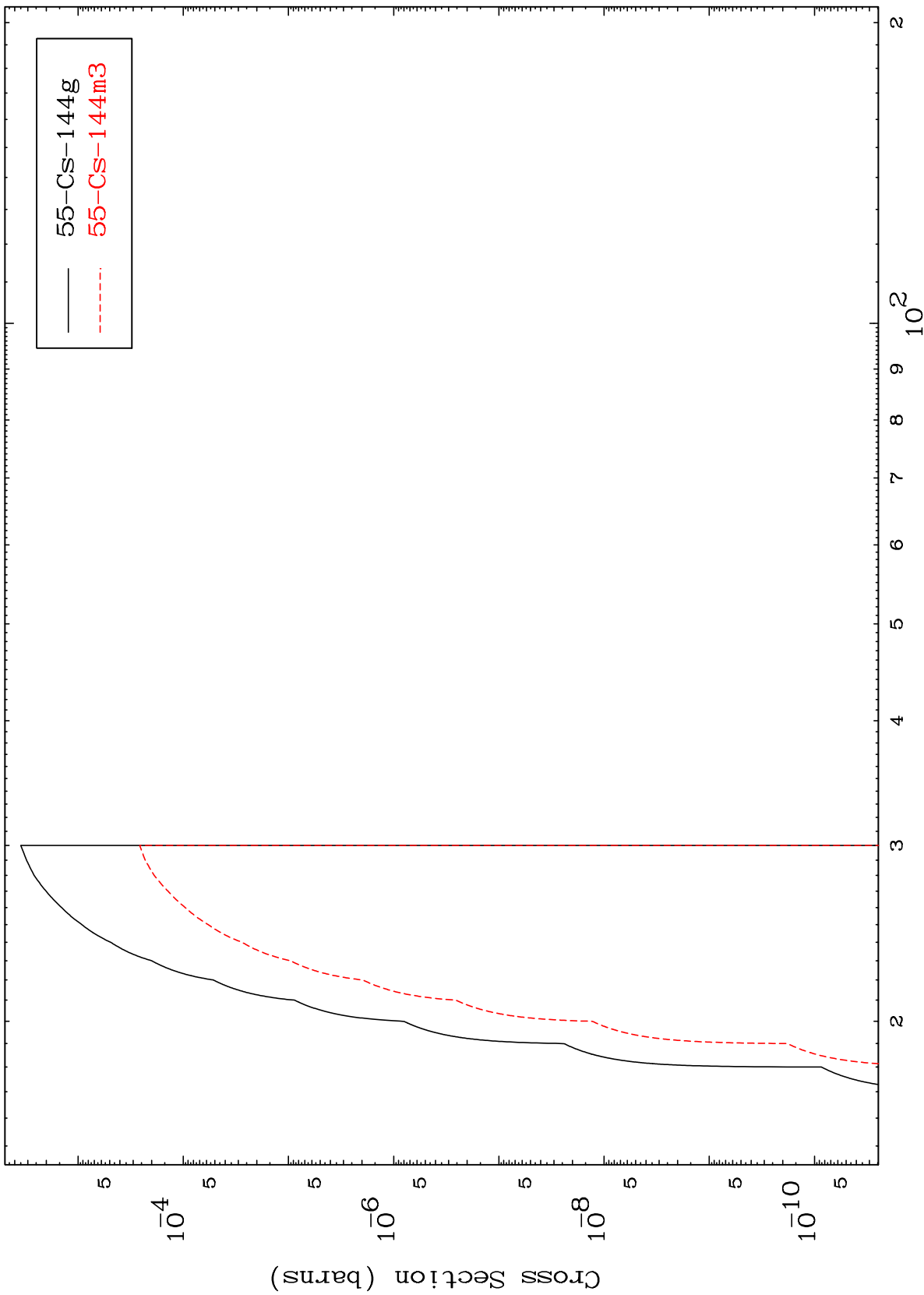


MAT 5673

(n,n') d

56-Ba-146

Radionuclide Production Cross Section



123

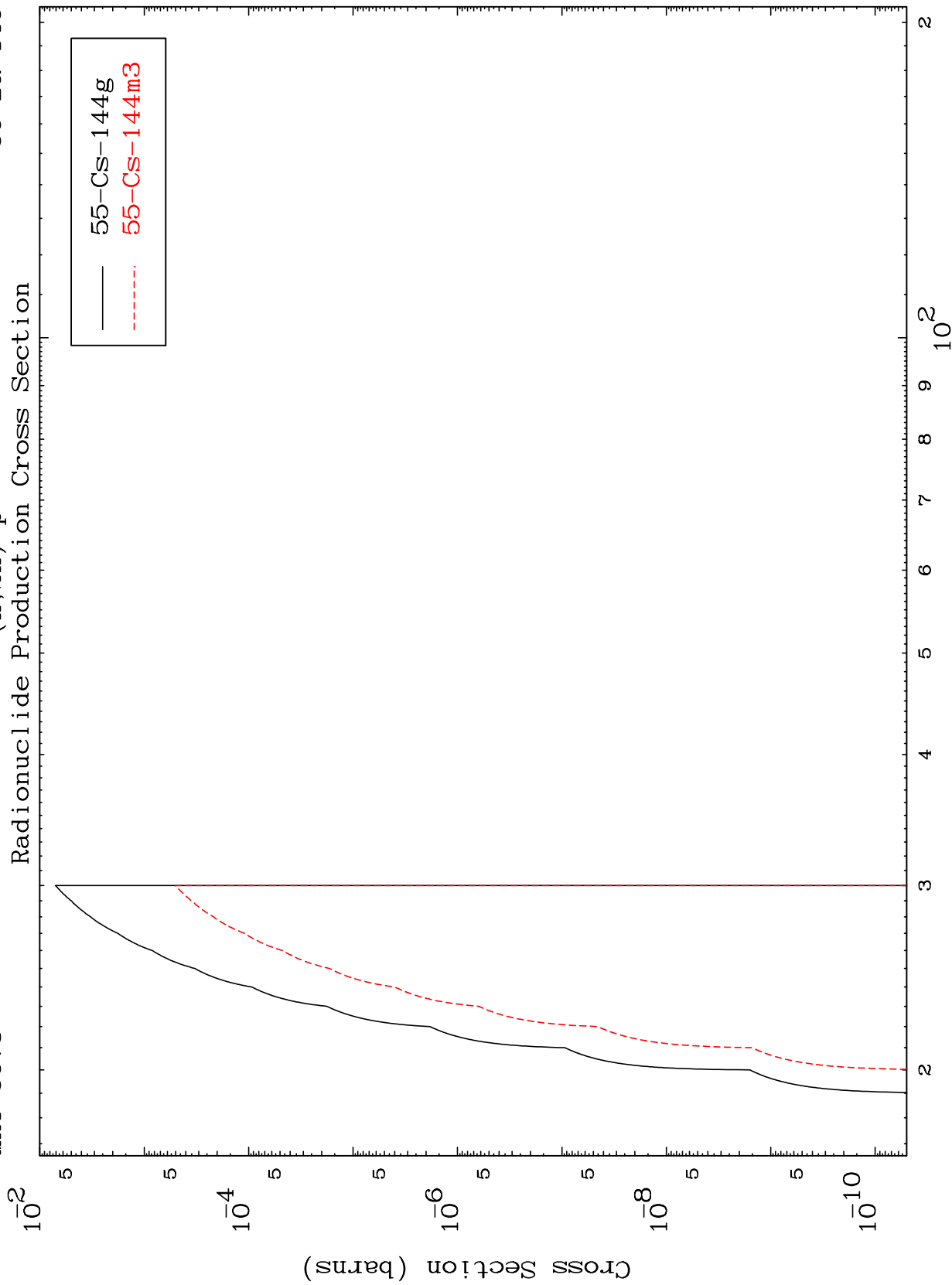
Incident Energy (MeV)

56-Ba-146

MAT 5673

56-Ba-146

$(n,2n)$  p  
Radionuclide Production Cross Section



124

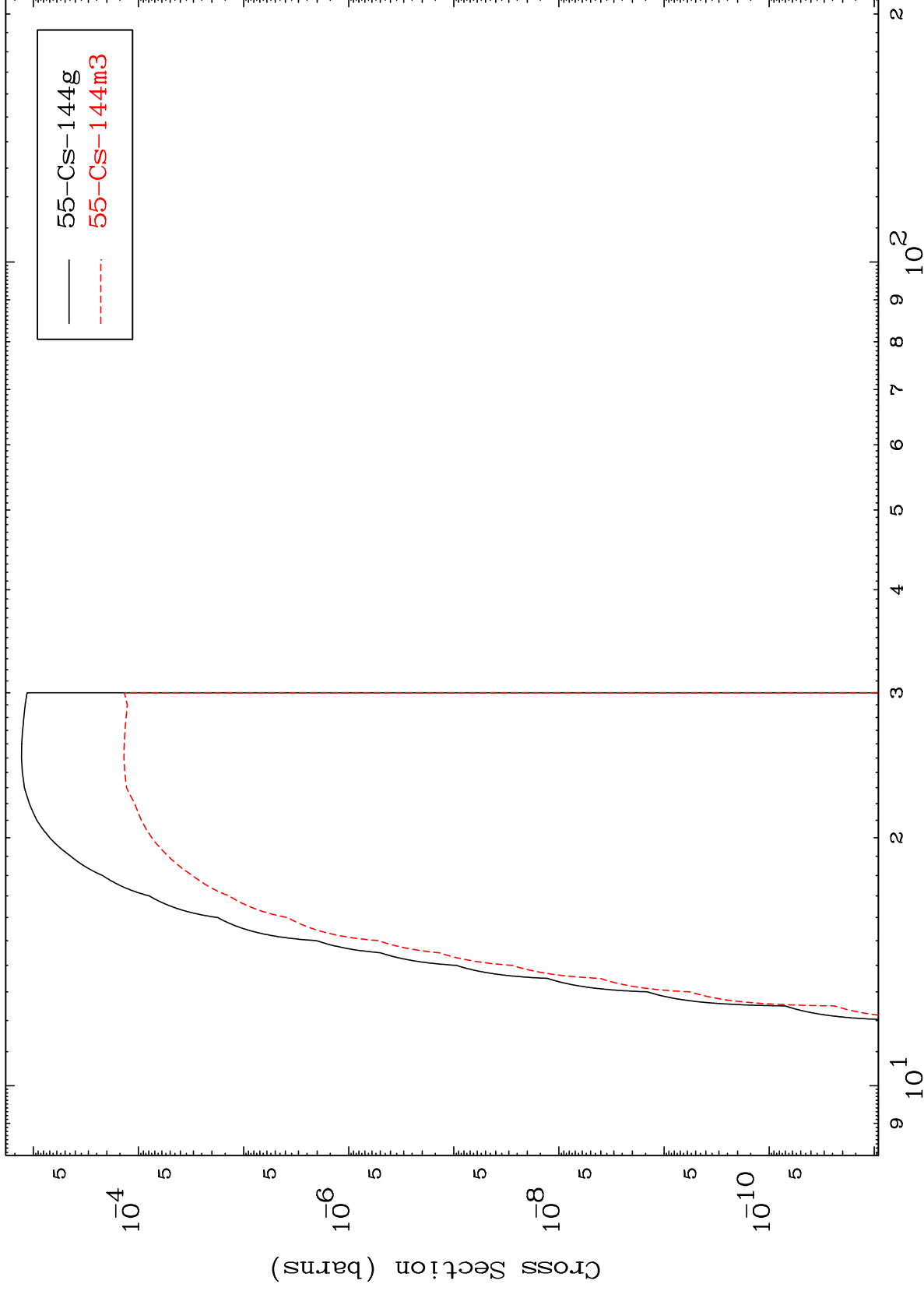
56-Ba-146

Incident Energy (MeV)

MAT 5673

56-Ba-146

(n,t)  
Radionuclide Production Cross Section



56-Ba-146

Incident Energy (MeV)

125