

Program EVALPLOT
(Version 2015-2)

by

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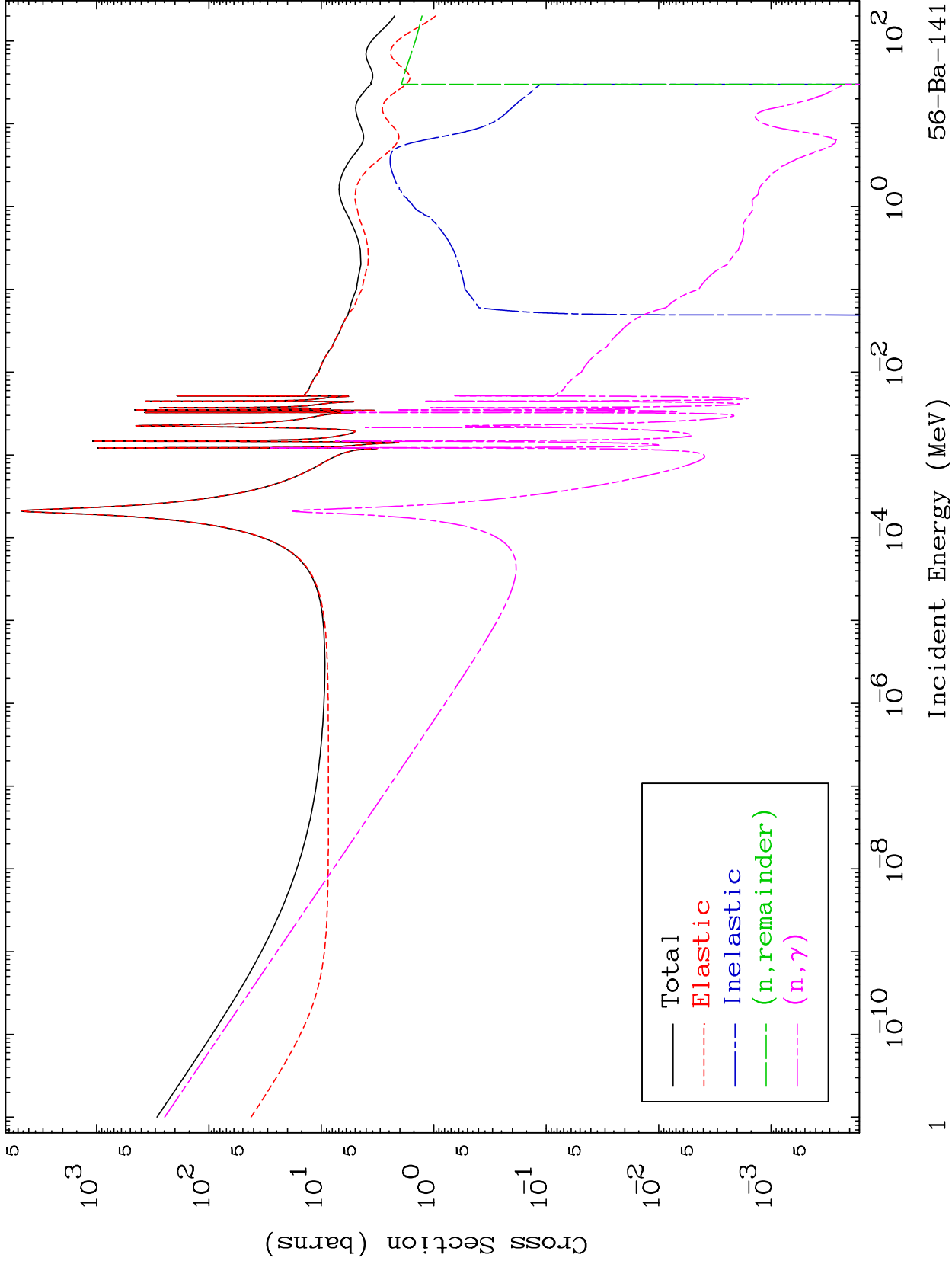
Press Mouse Button to Start

MAT 5658

Major

293 Kelvin Cross Sections

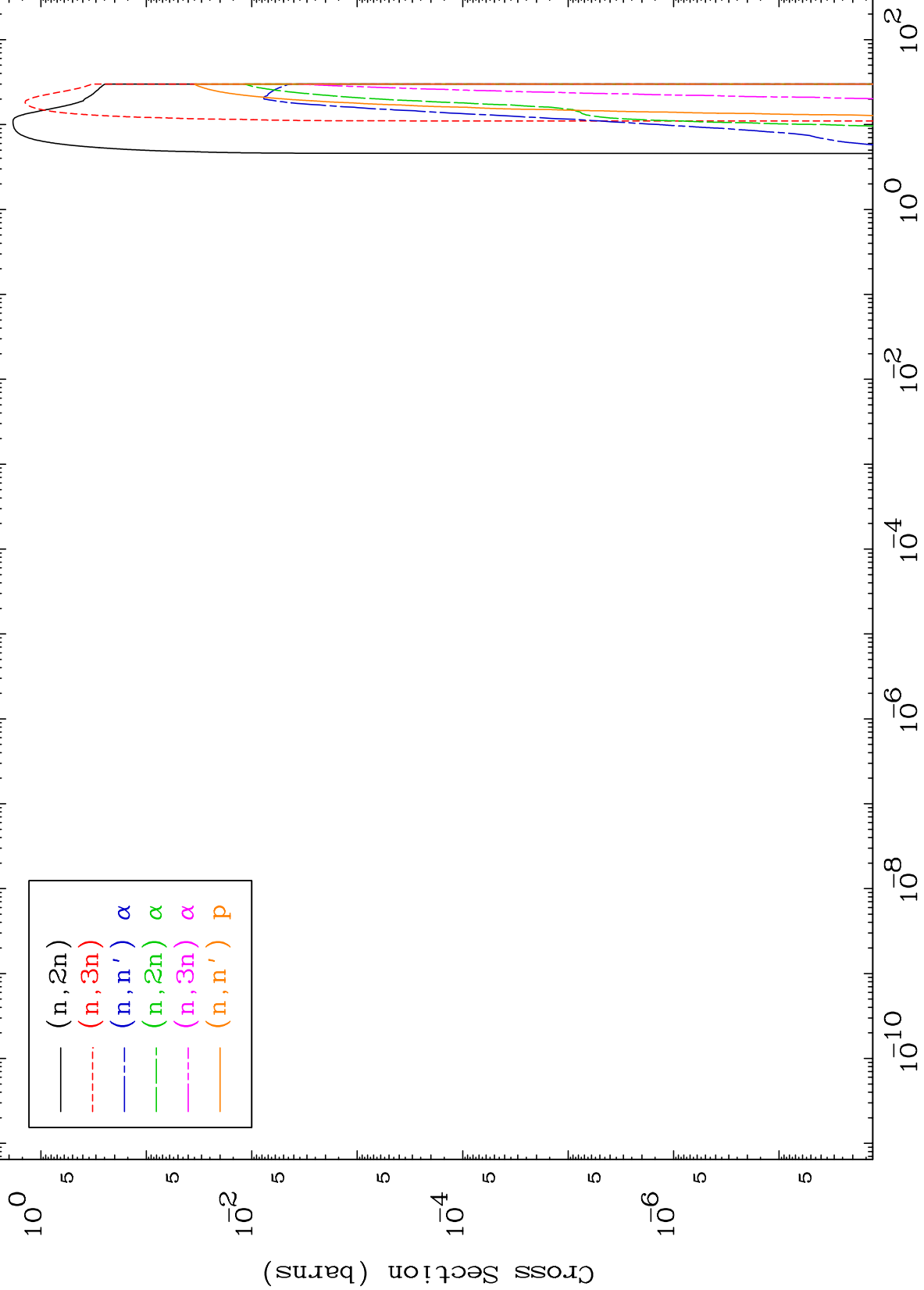
56-Ba-141



MAT 5658

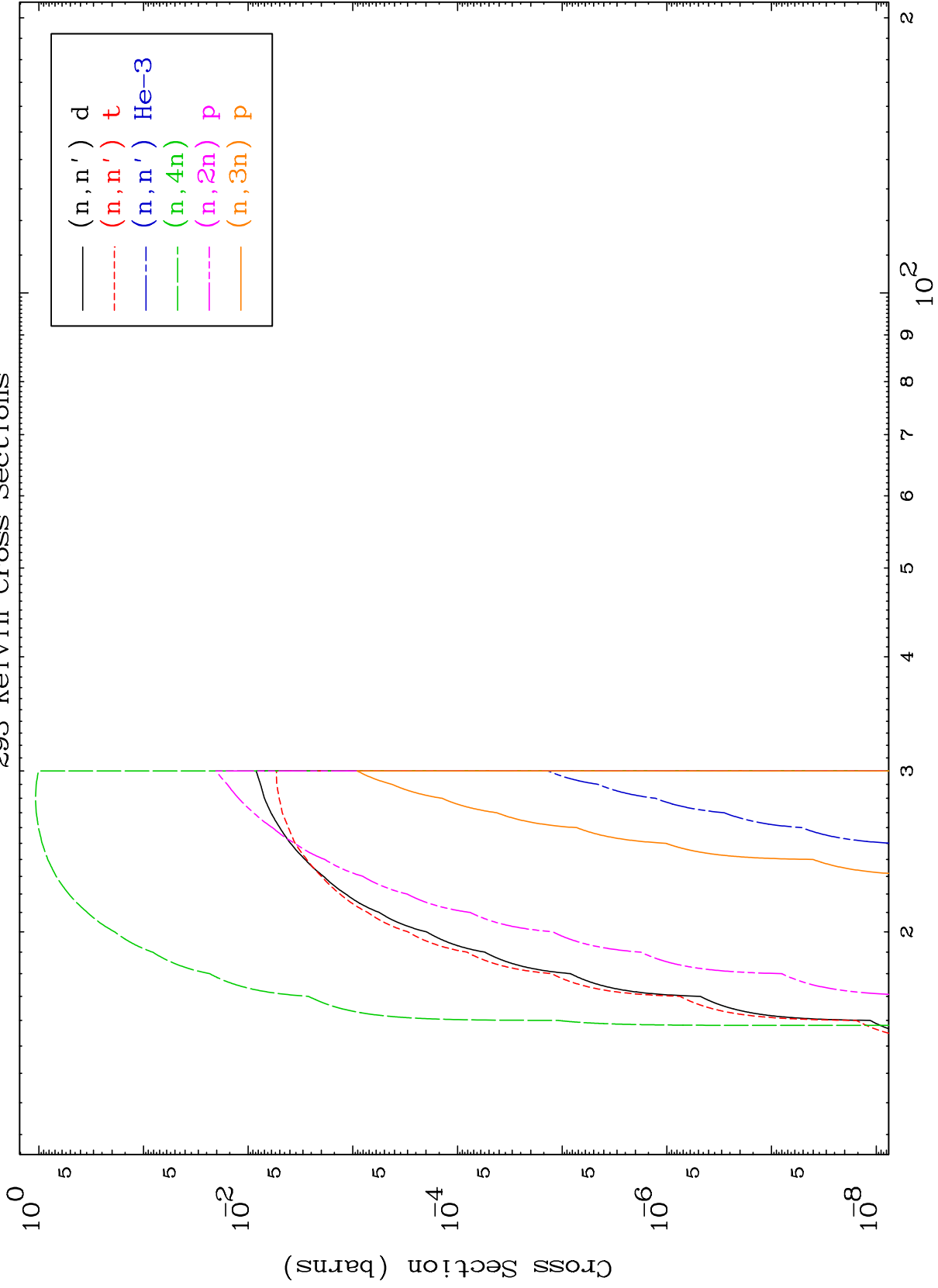
Neutron Production
293 Kelvin Cross Sections

56-Ba-141



56-Ba-141

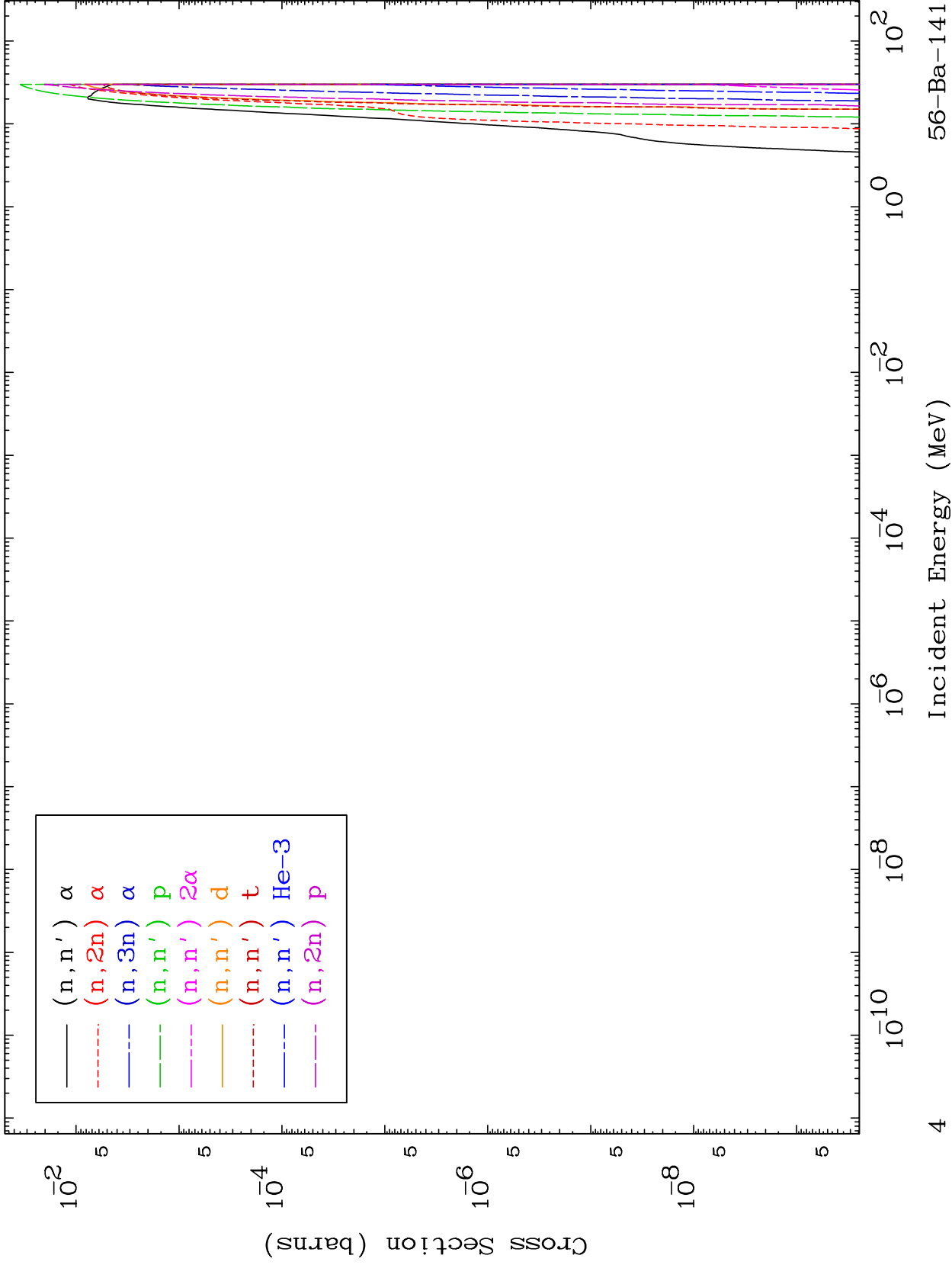
Incident Energy (MeV)



MAT 5658

Charged Particle
293 Kelvin Cross Sections

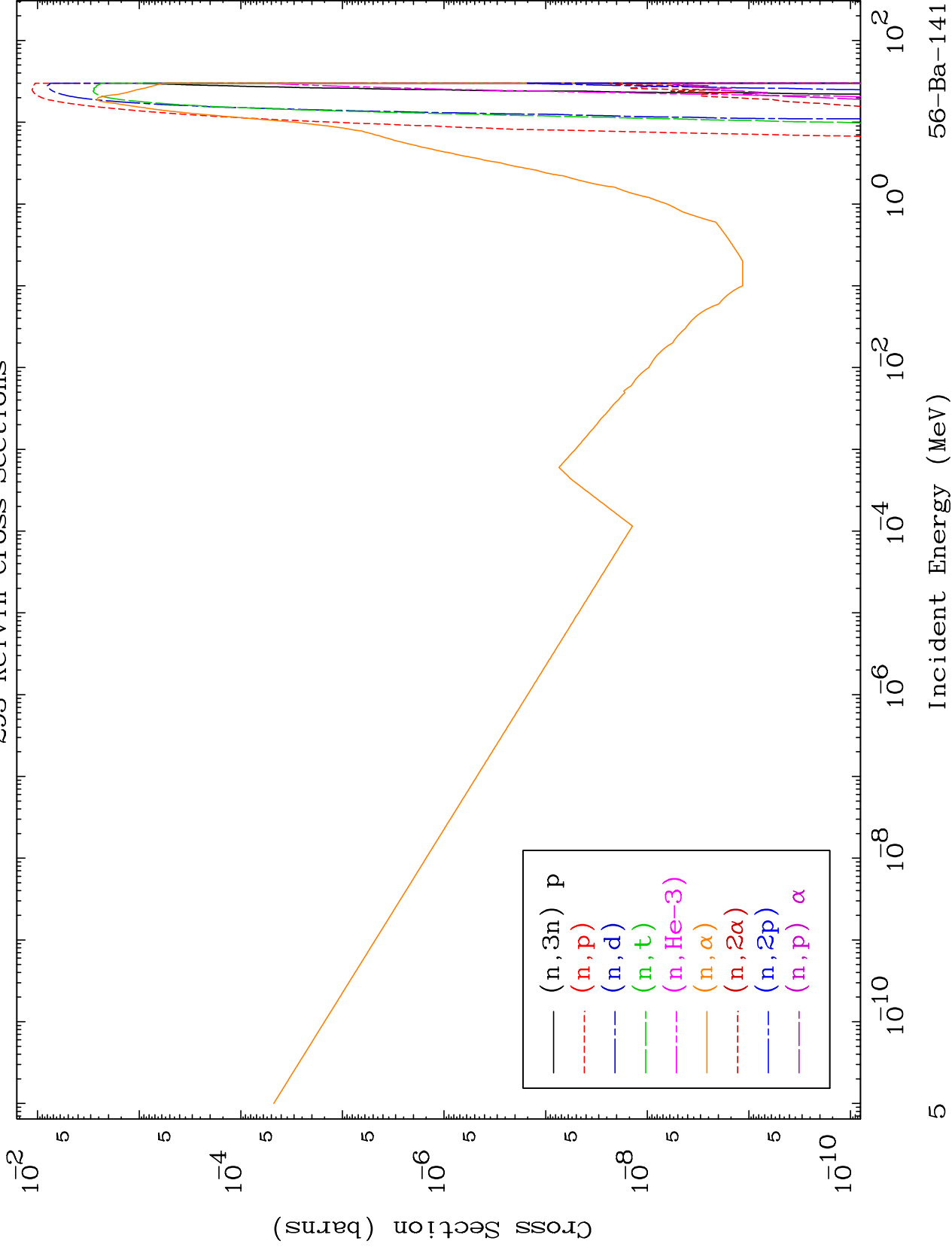
56-Ba-141



MAT 5658

Charged Particle
293 Kelvin Cross Sections

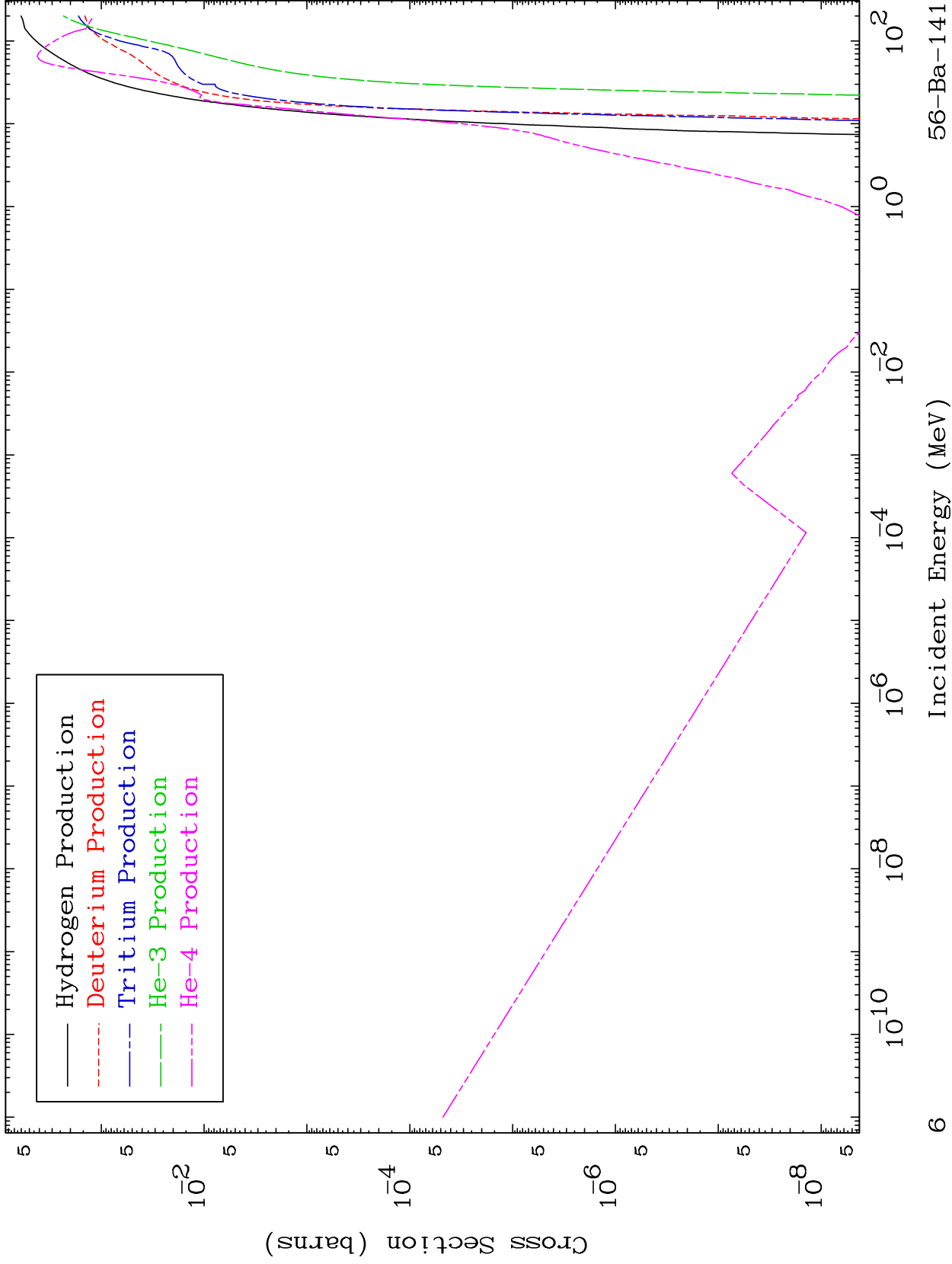
56-Ba-141



MAT 5658

Particle Production
293 Kelvin Cross Sections

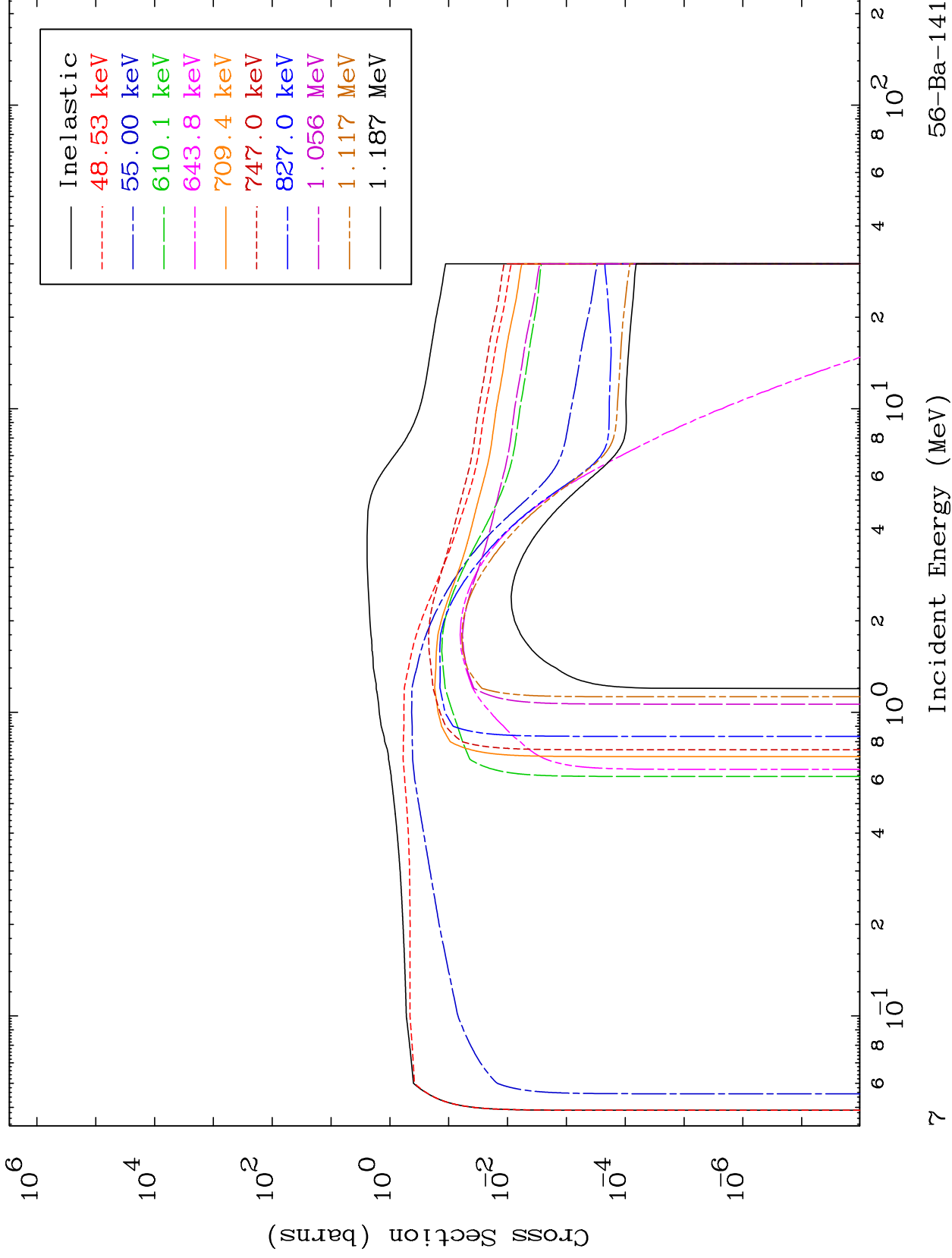
56-Ba-141



MAT 5658

(n,n') Level
293 Kelvin Cross Sections

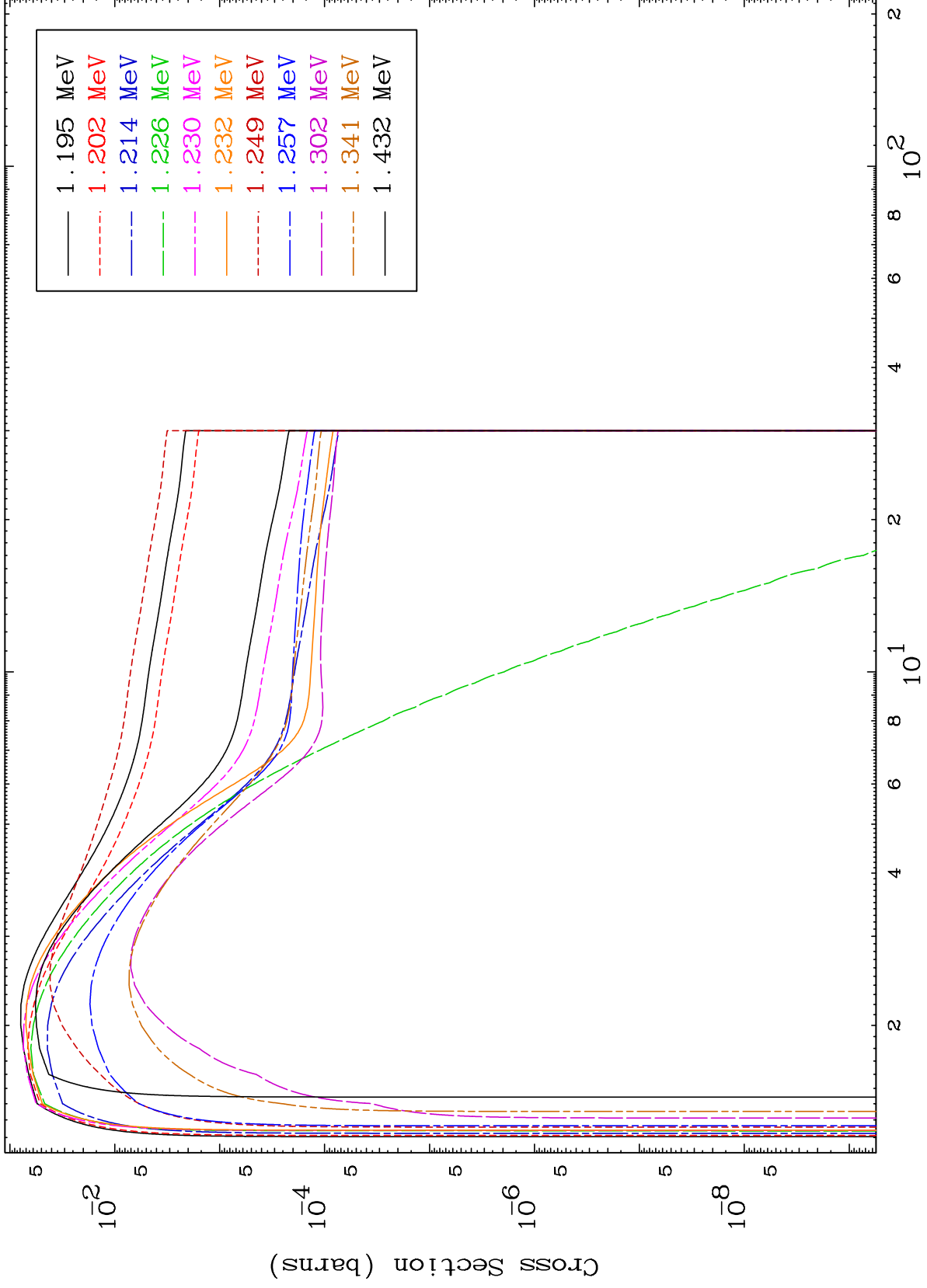
56-Ba-141



MAT 5658

(n,n') Level
293 Kelvin Cross Sections

56-Ba-141



8

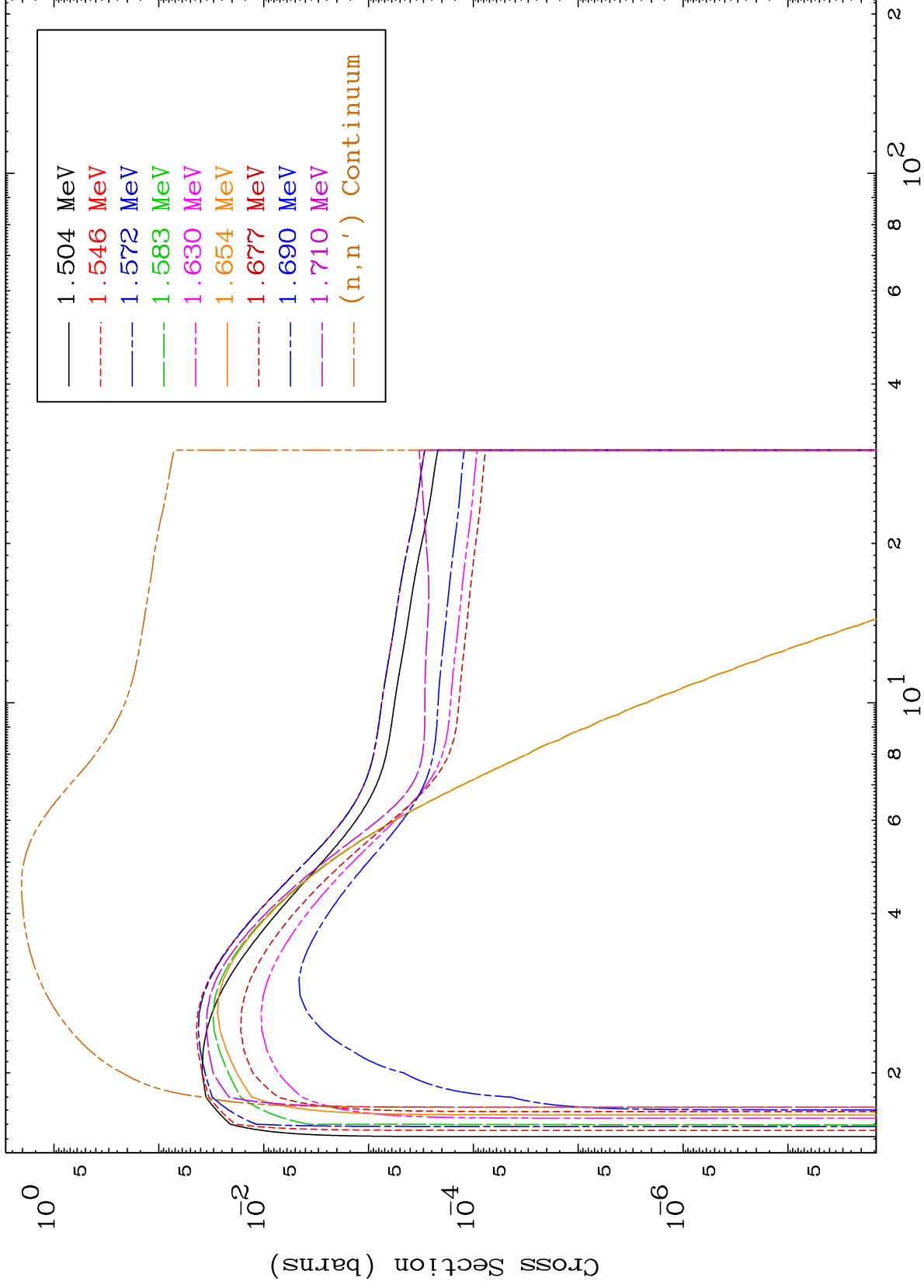
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,n') Level
293 Kelvin Cross Sections

56-Ba-141



9

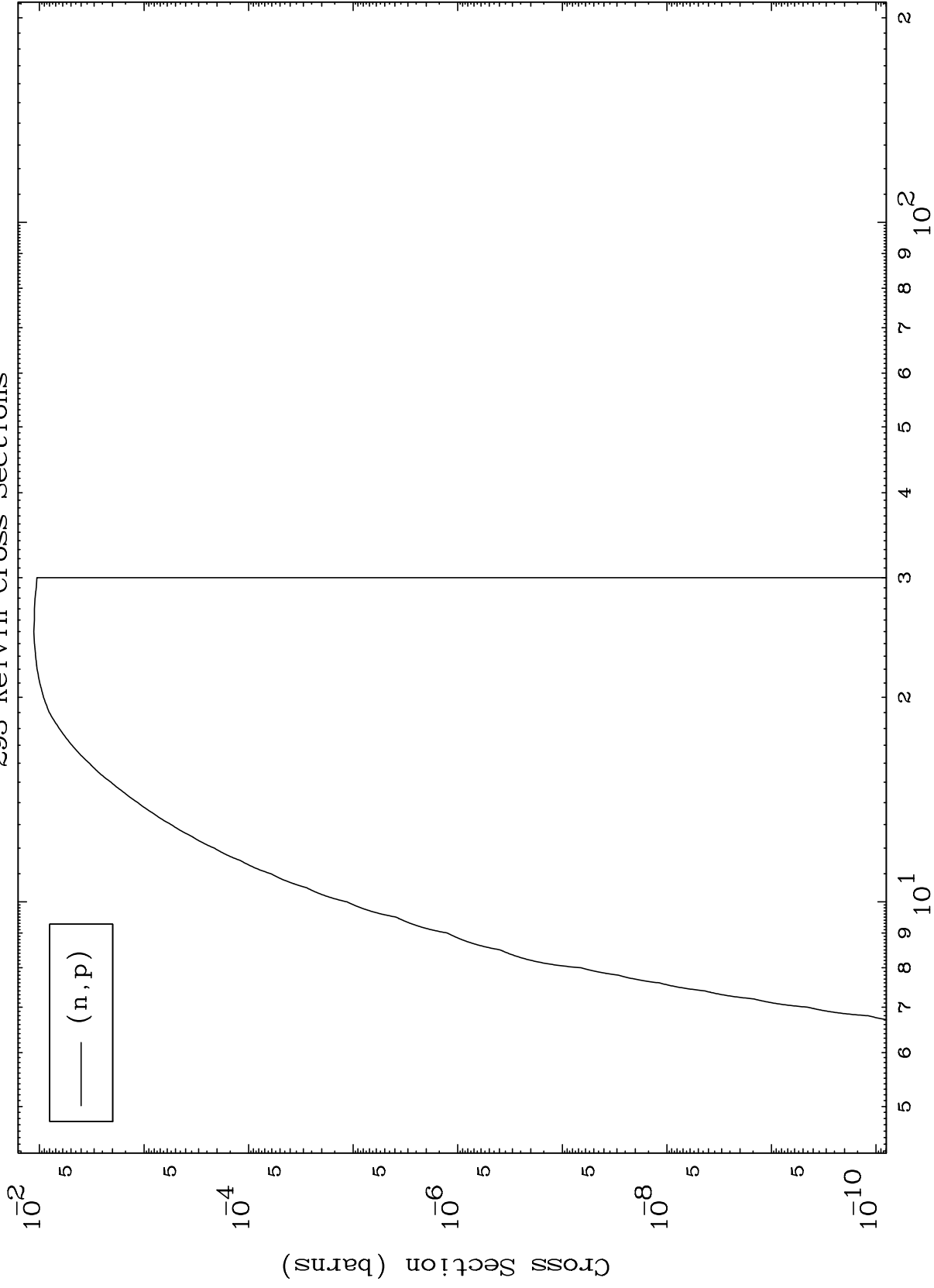
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,p) Levels
293 Kelvin Cross Sections

56-Ba-141



Incident Energy (MeV)

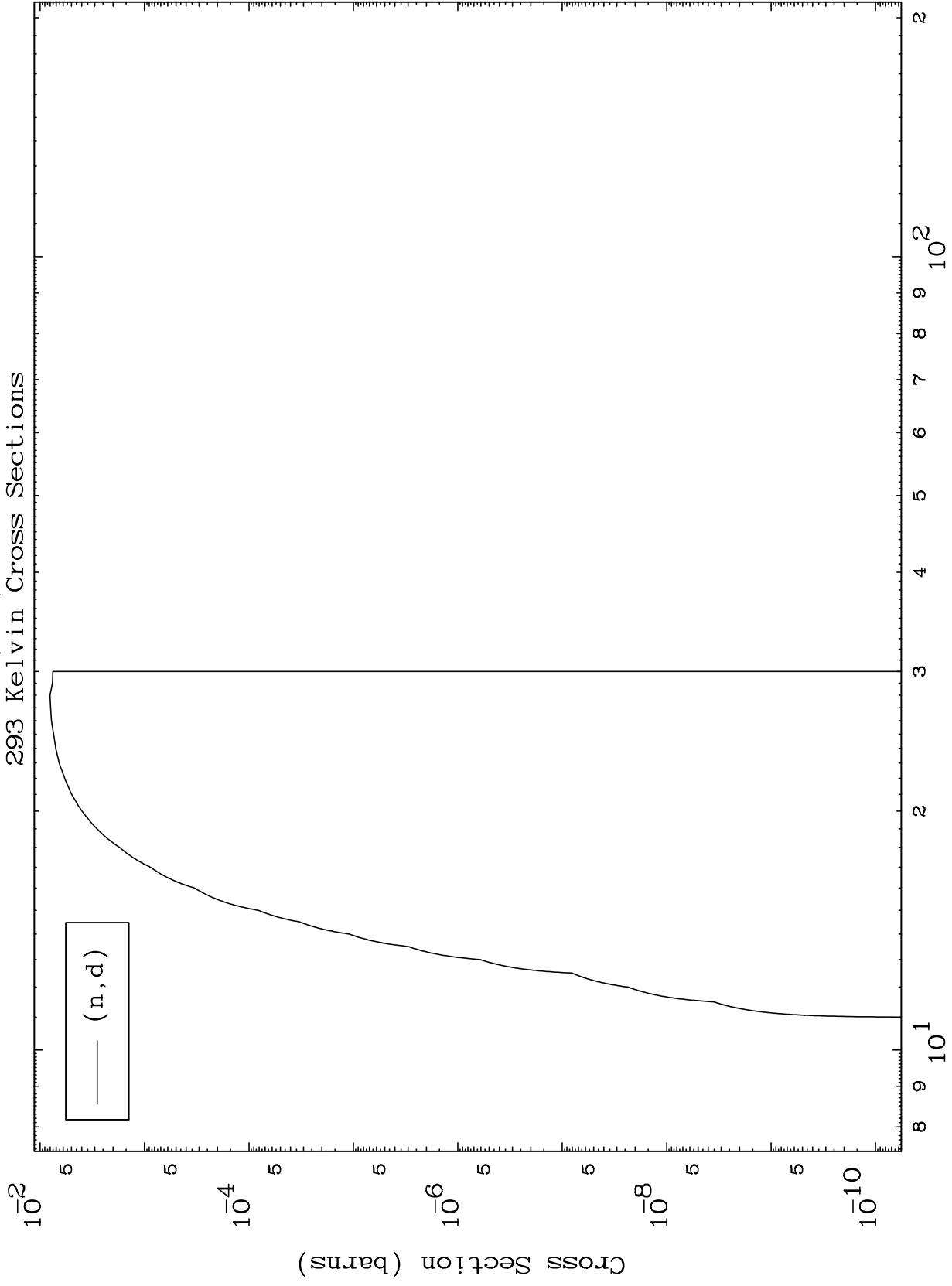
56-Ba-141

10

MAT 5658

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-141



11

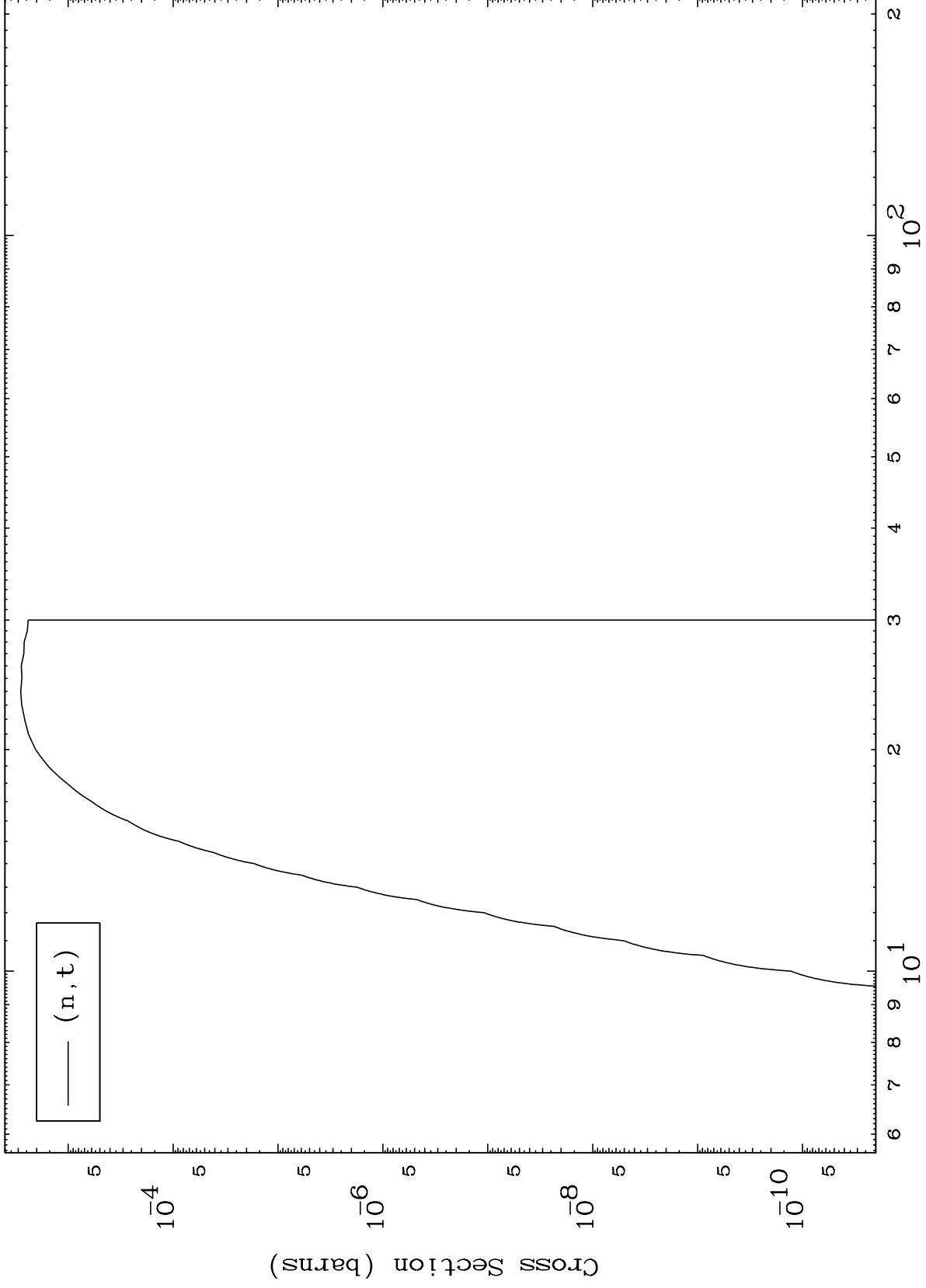
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-141



12

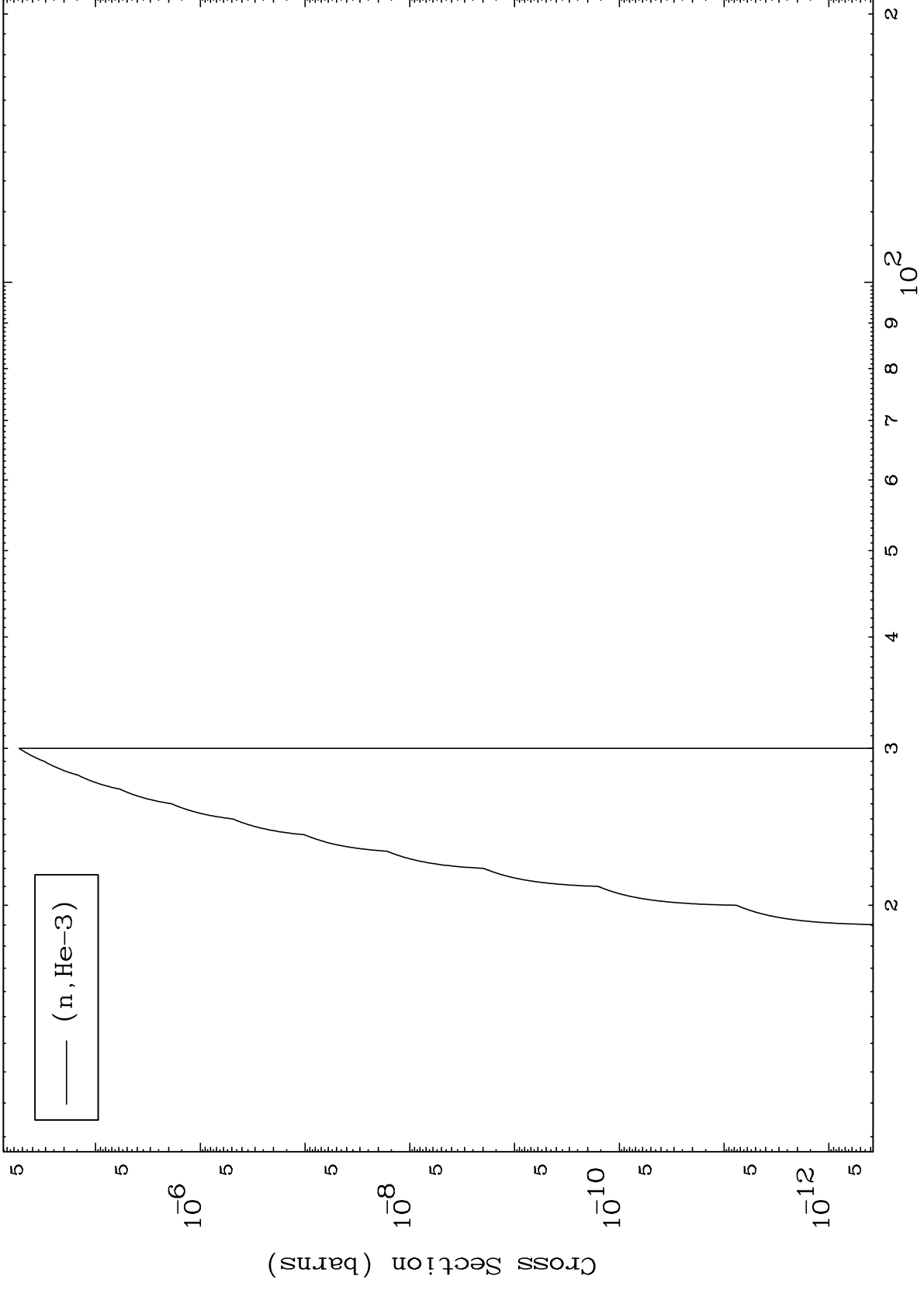
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-141



13

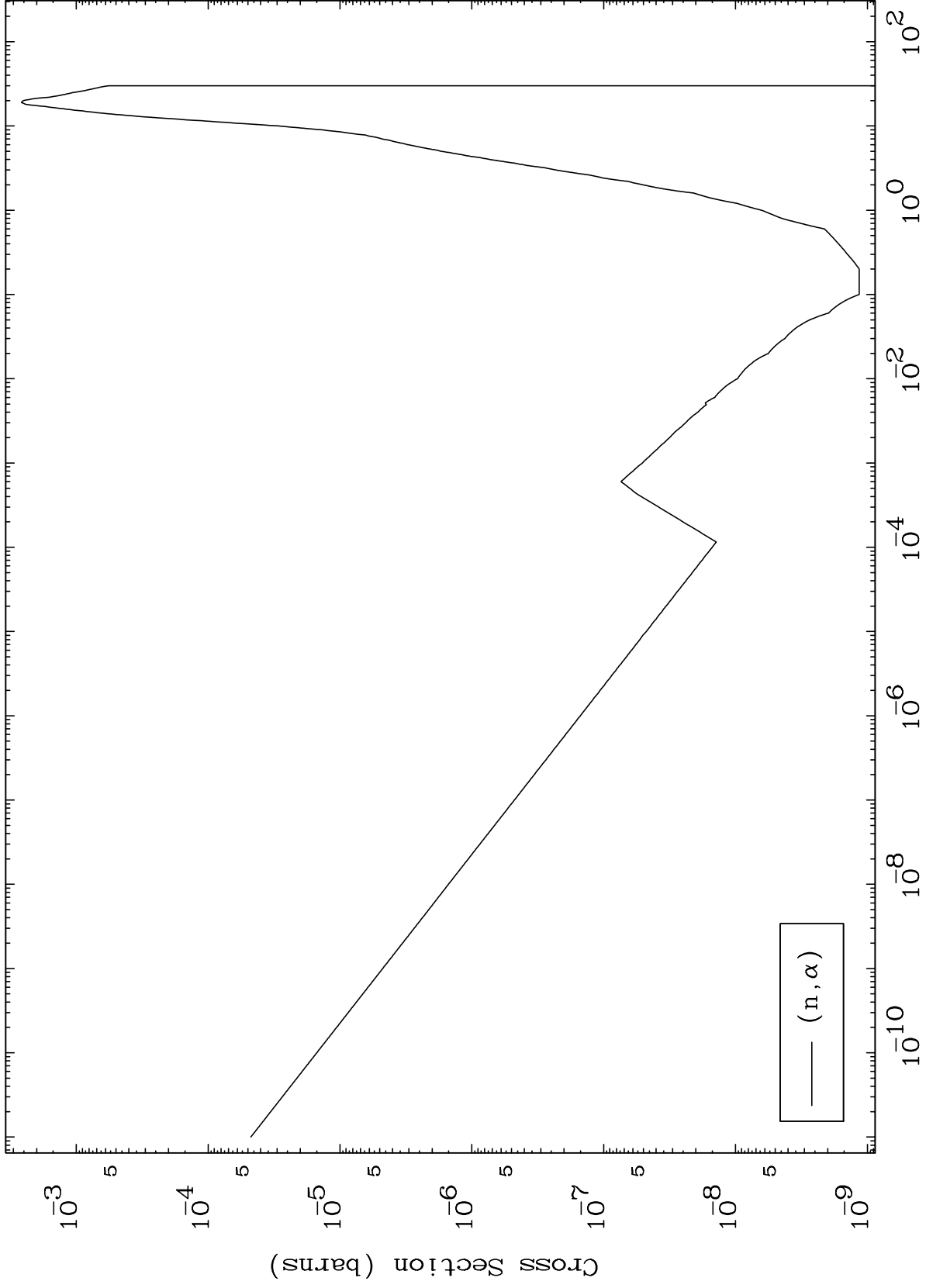
Incident Energy (MeV)

56-Ba-141

MAT 5658

(n, α) Levels
293 Kelvin Cross Sections

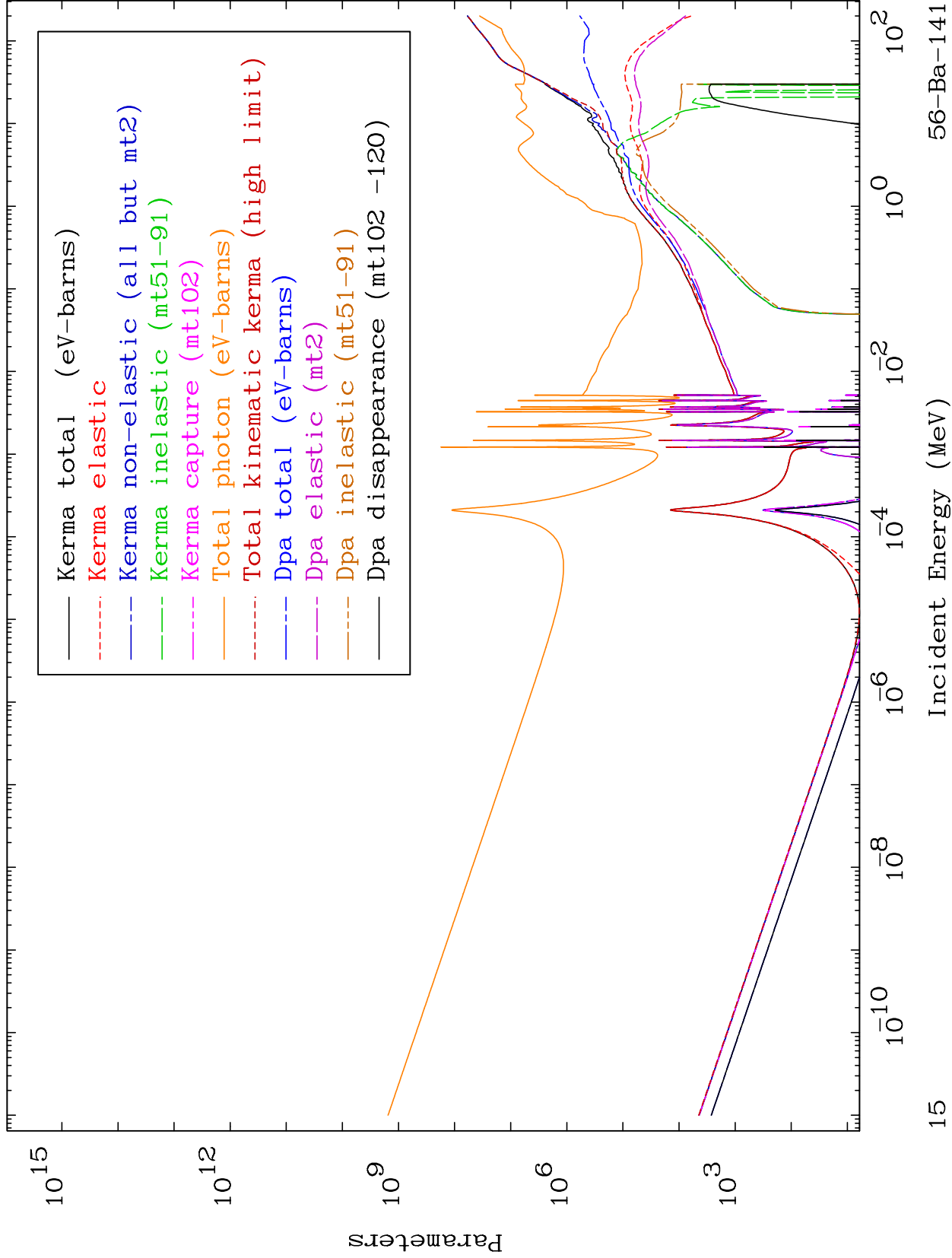
56-Ba-141



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Incident Energy (MeV)

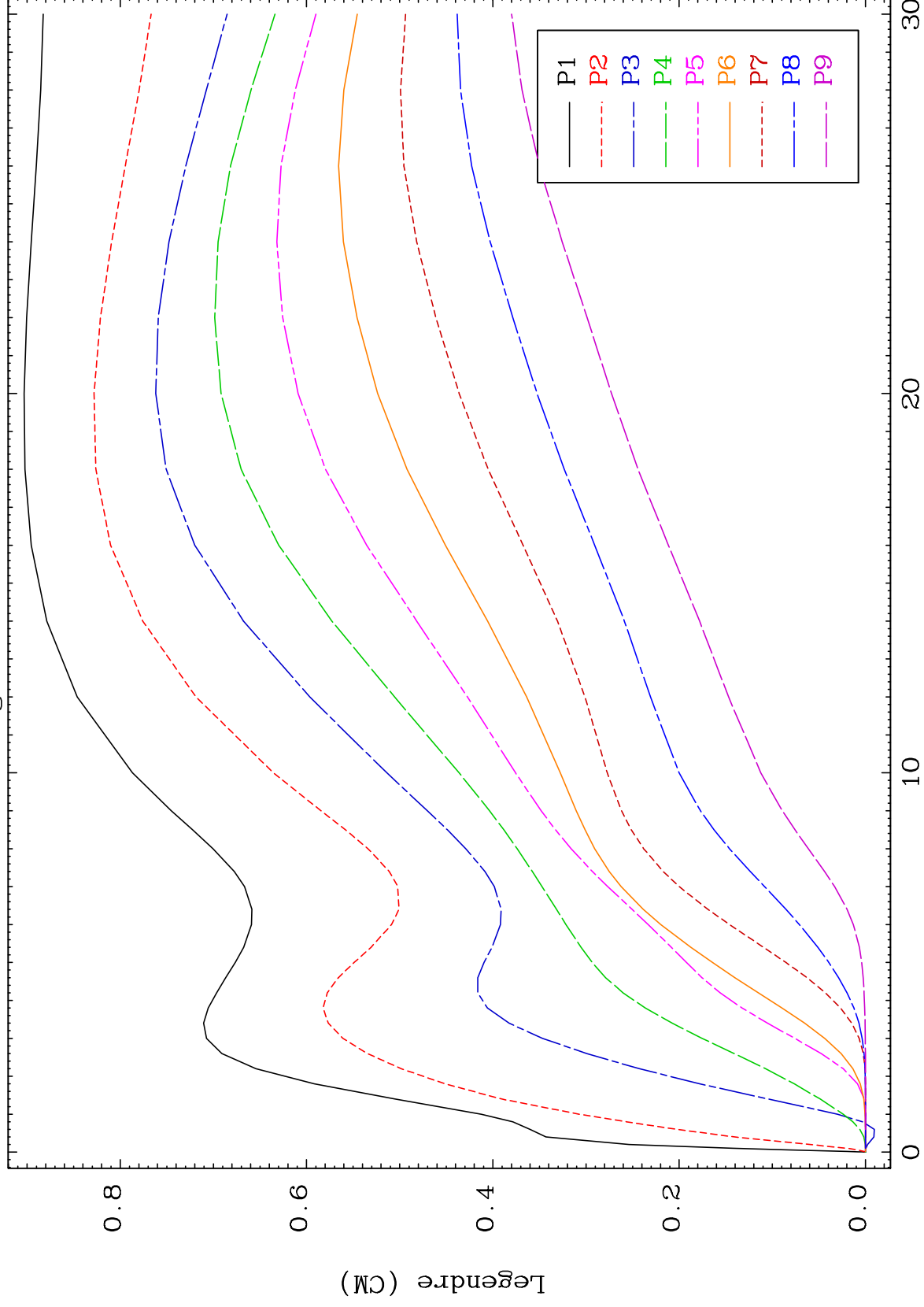
56-Ba-141



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Elastic Legendre Coefficients

56-Ba-141



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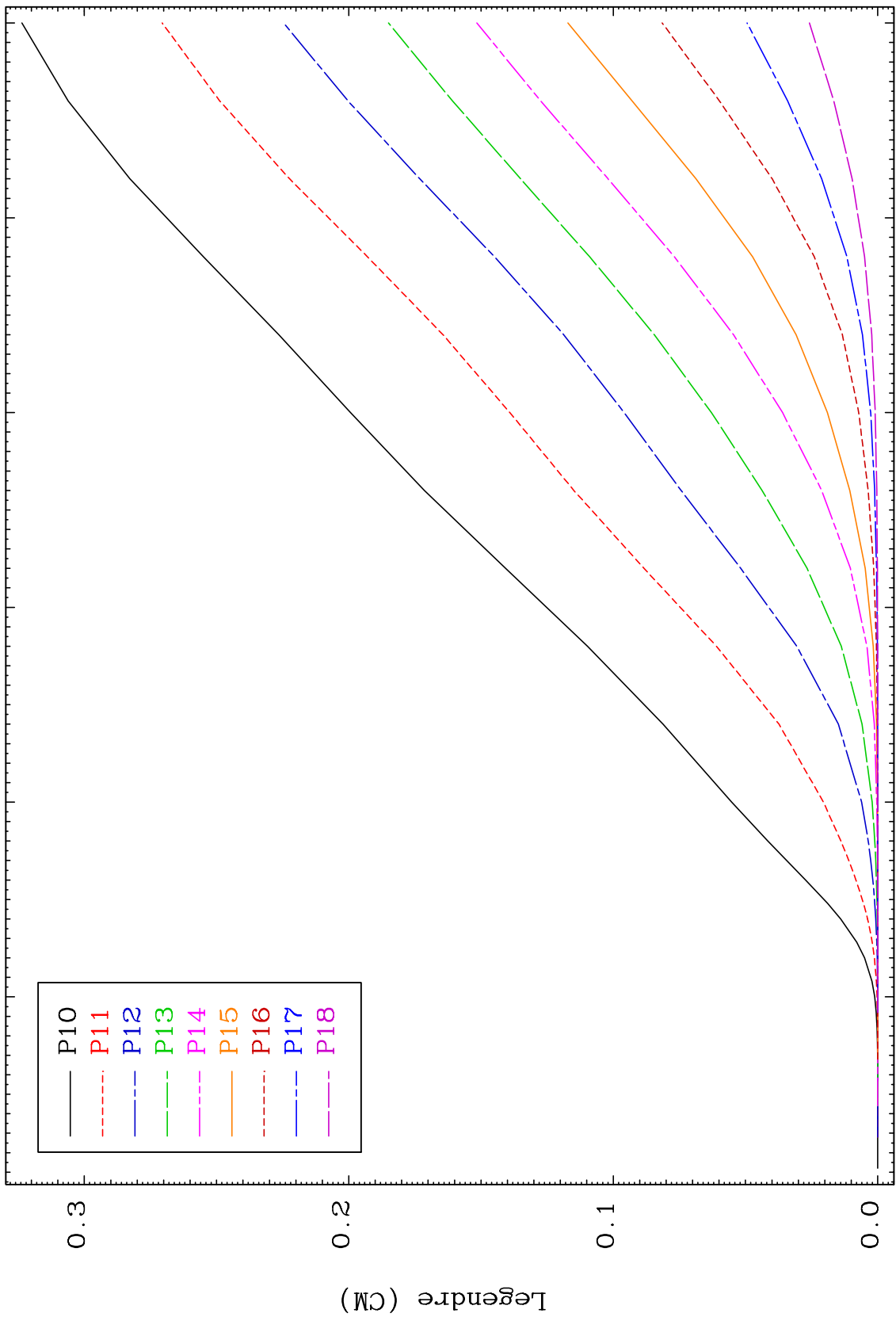
Incident Energy (MeV)

56-Ba-141

MAT 5658

Elastic Legendre Coefficients

56-Ba-141



17

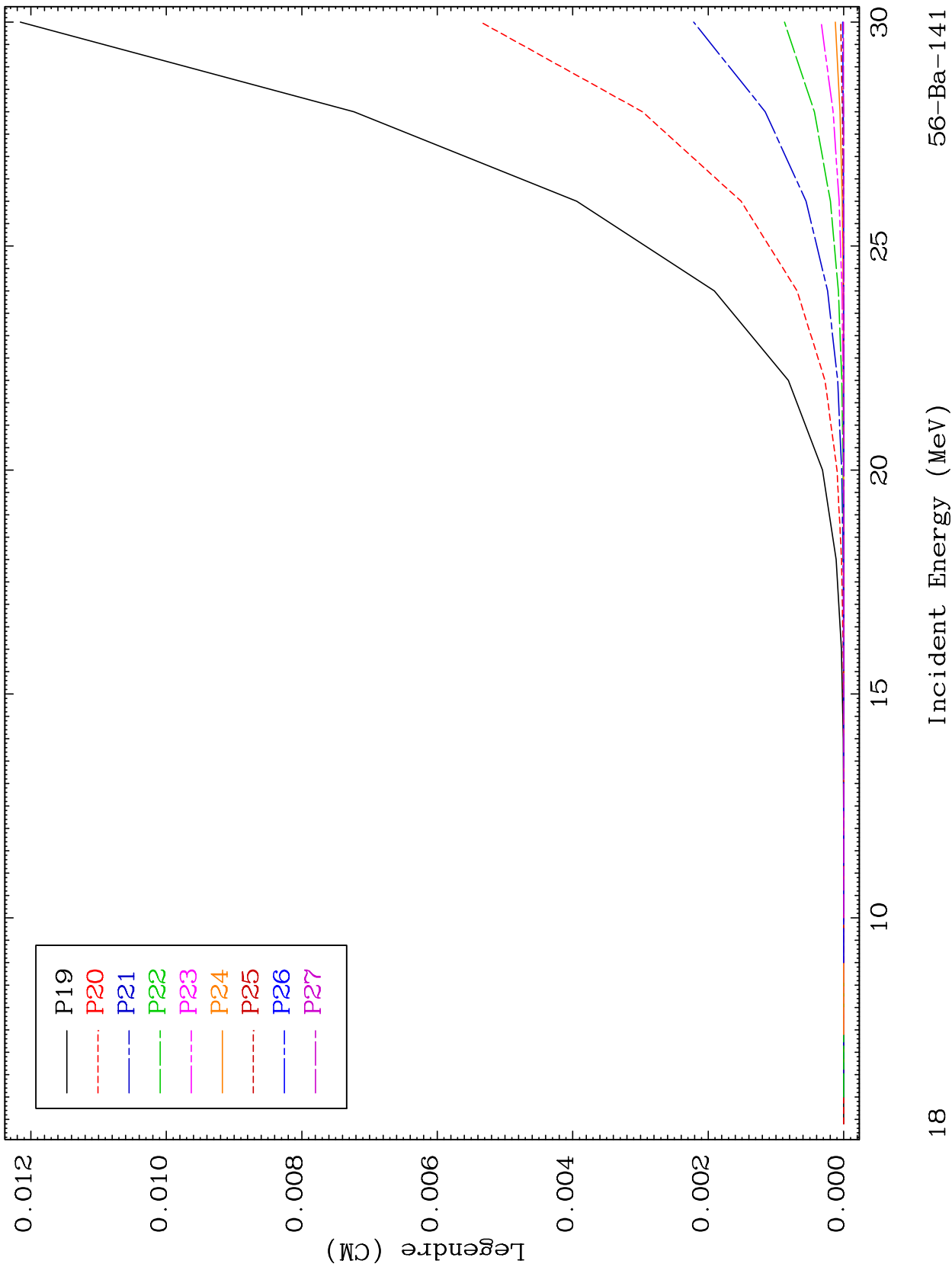
56-Ba-141

Incident Energy (MeV)

MAT 5658

Elastic Legendre Coefficients

56-Ba-141



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Incident Energy (MeV)

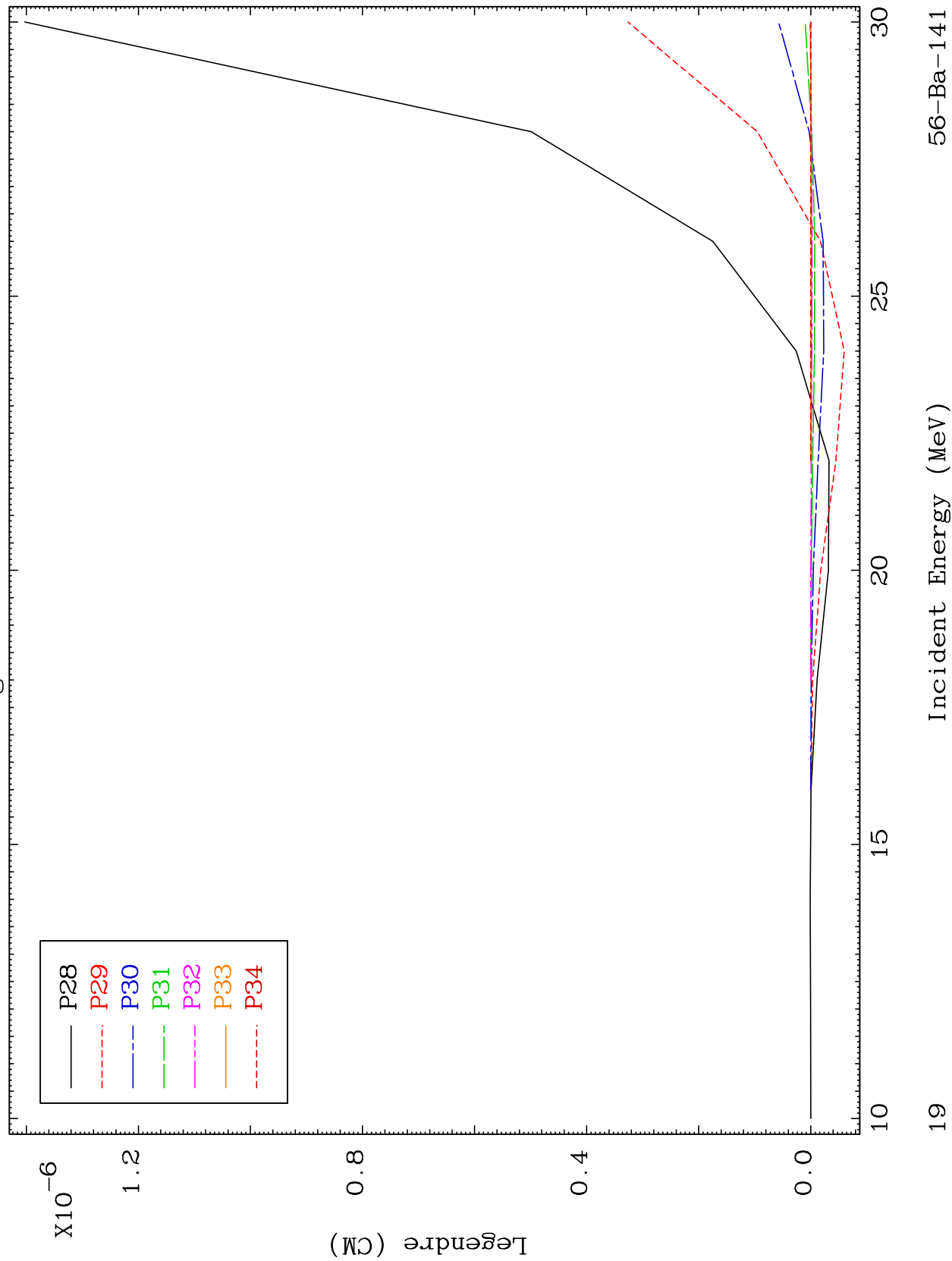
56-Ba-141

10 15 20 25 30

MAT 5658

Elastic Legendre Coefficients

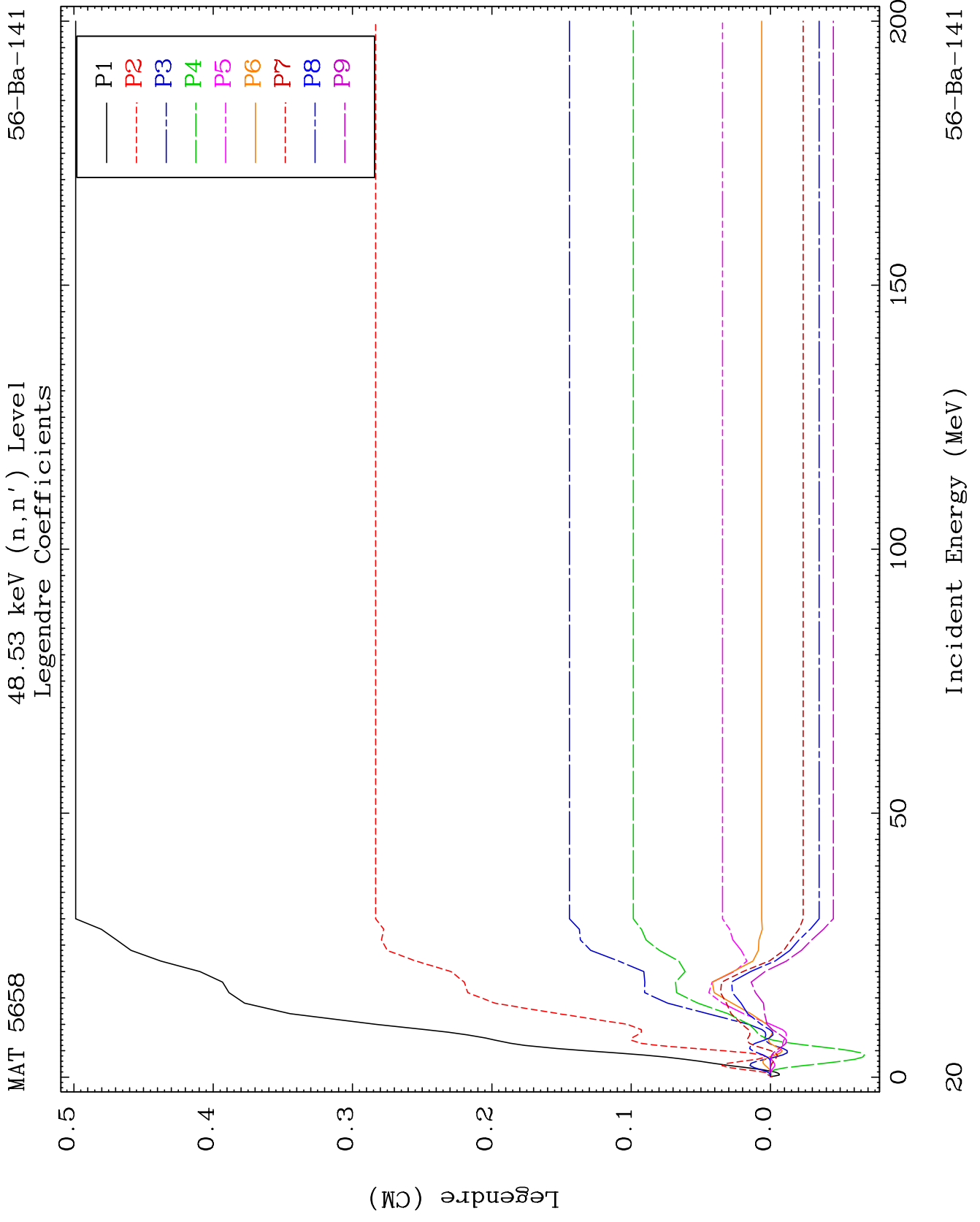
56-Ba-141

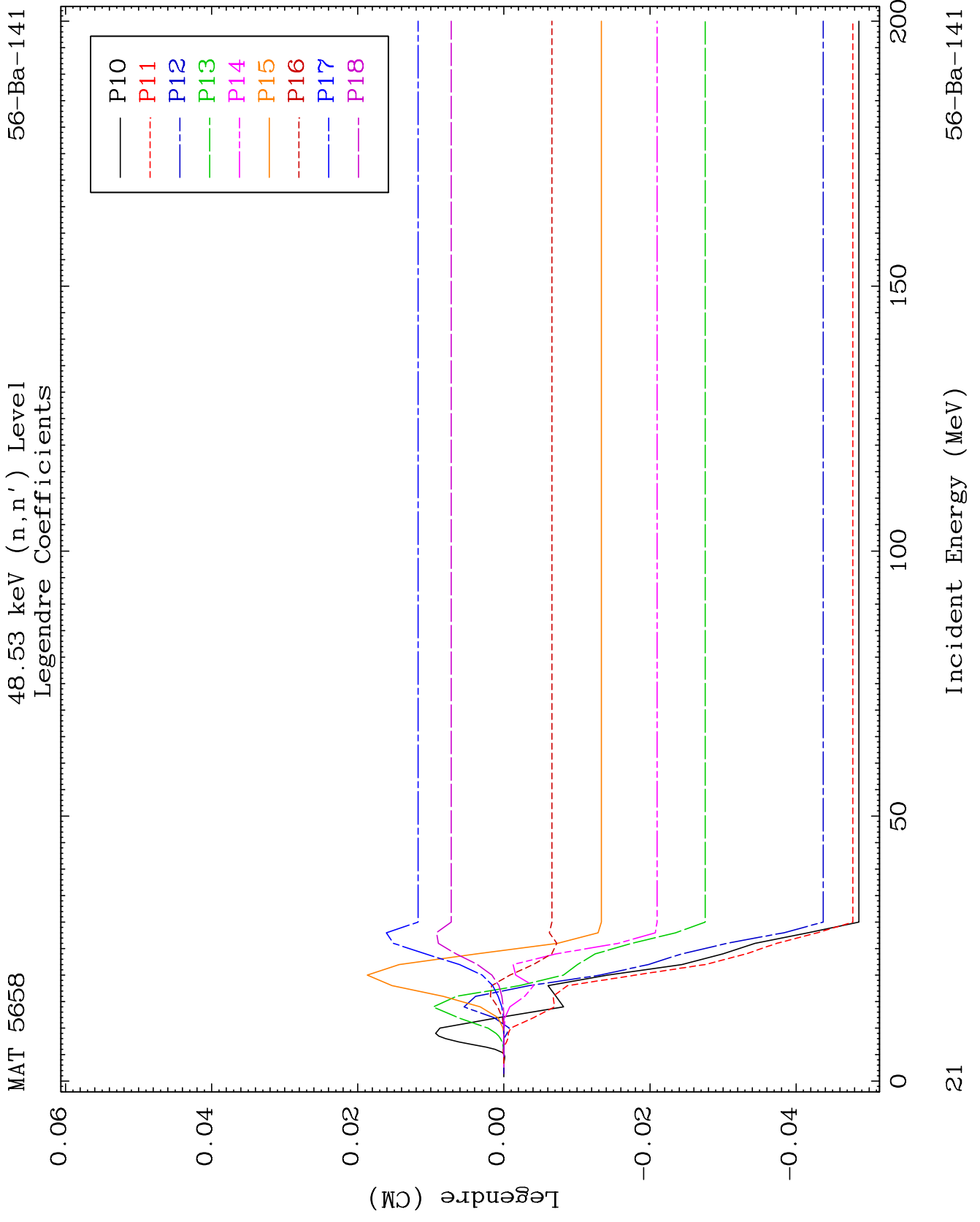


19

Incident Energy (MeV)

56-Ba-141

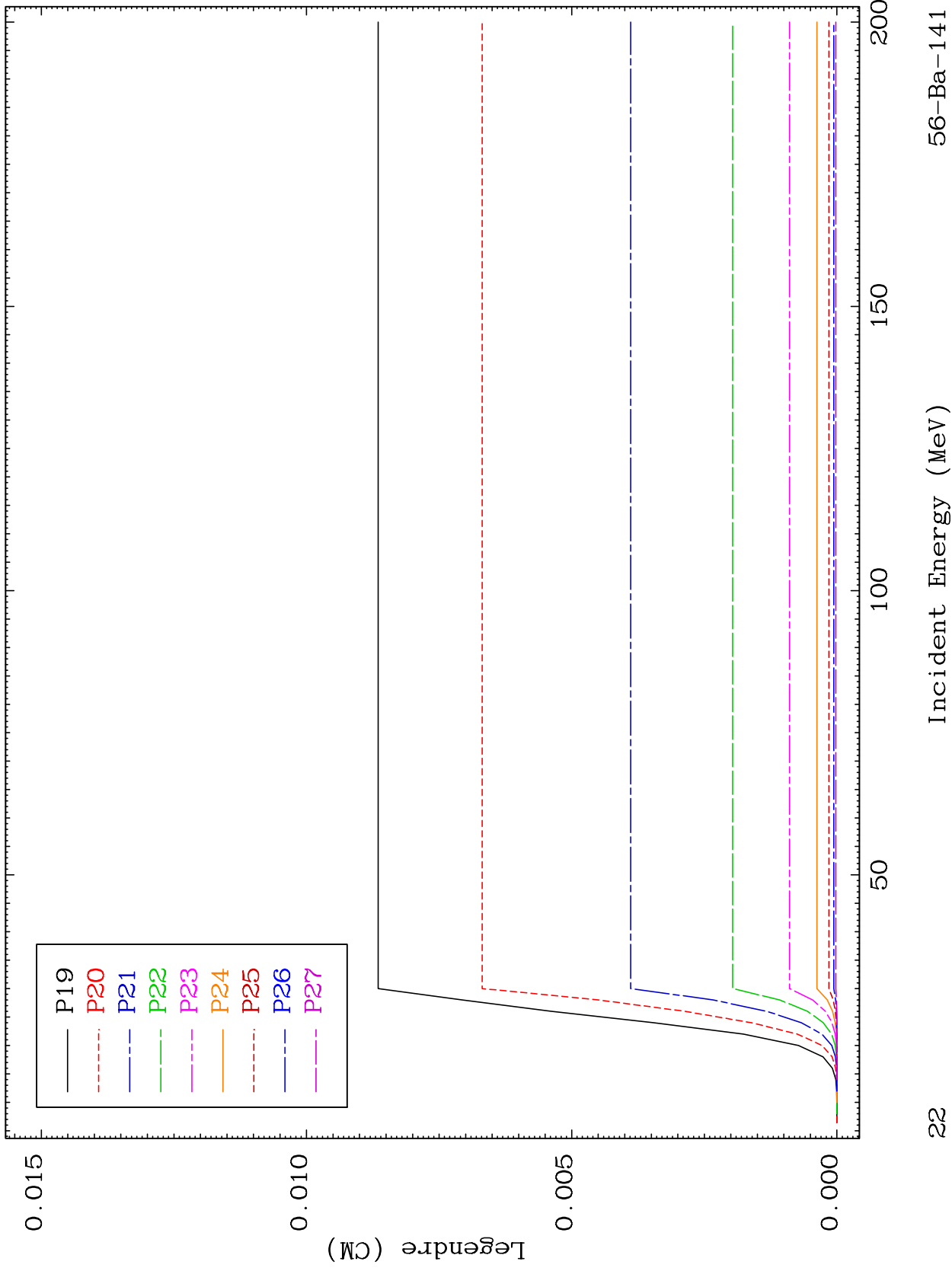




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48.53 keV (n,n') Level
Legendre Coefficients

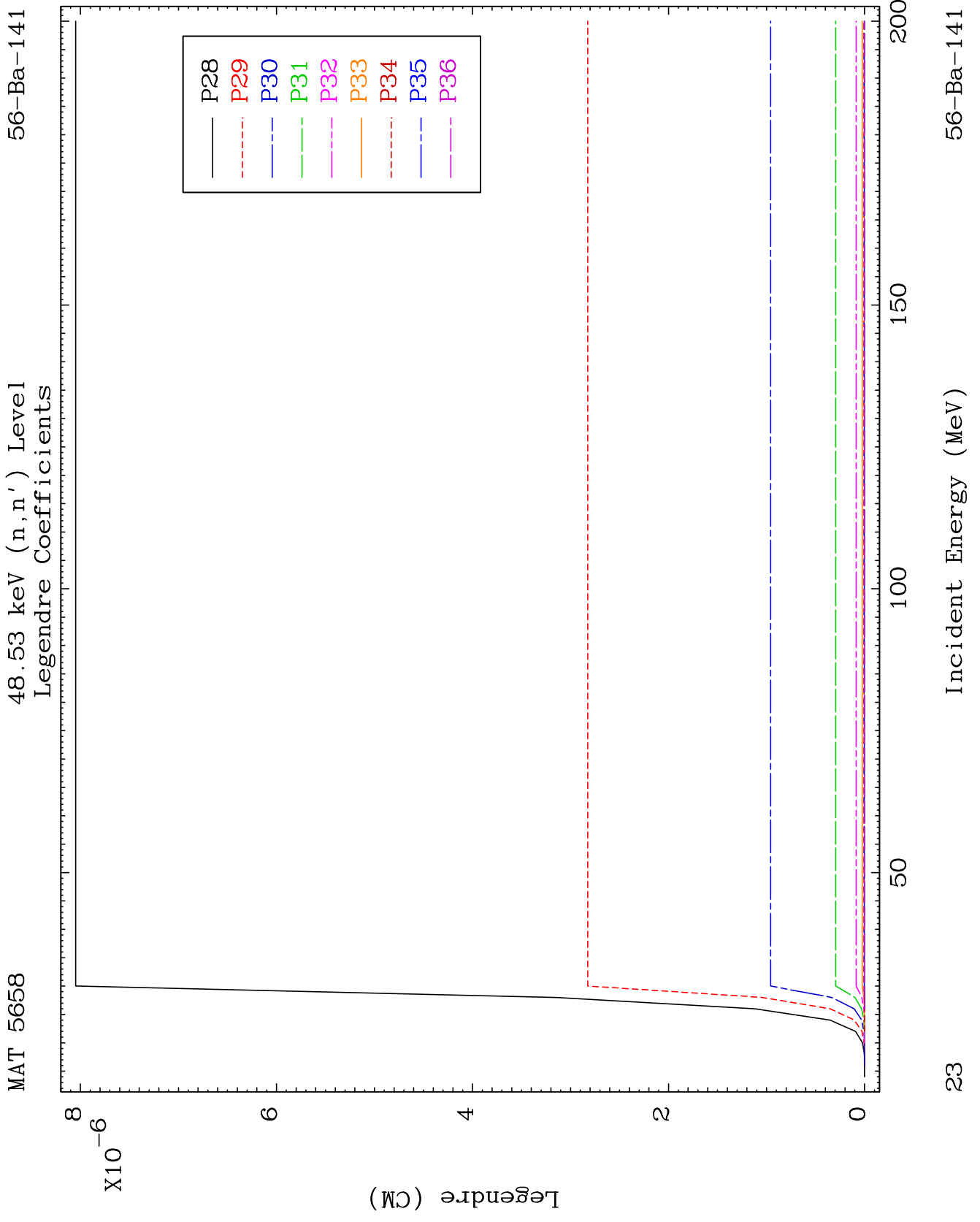
56-Ba-141

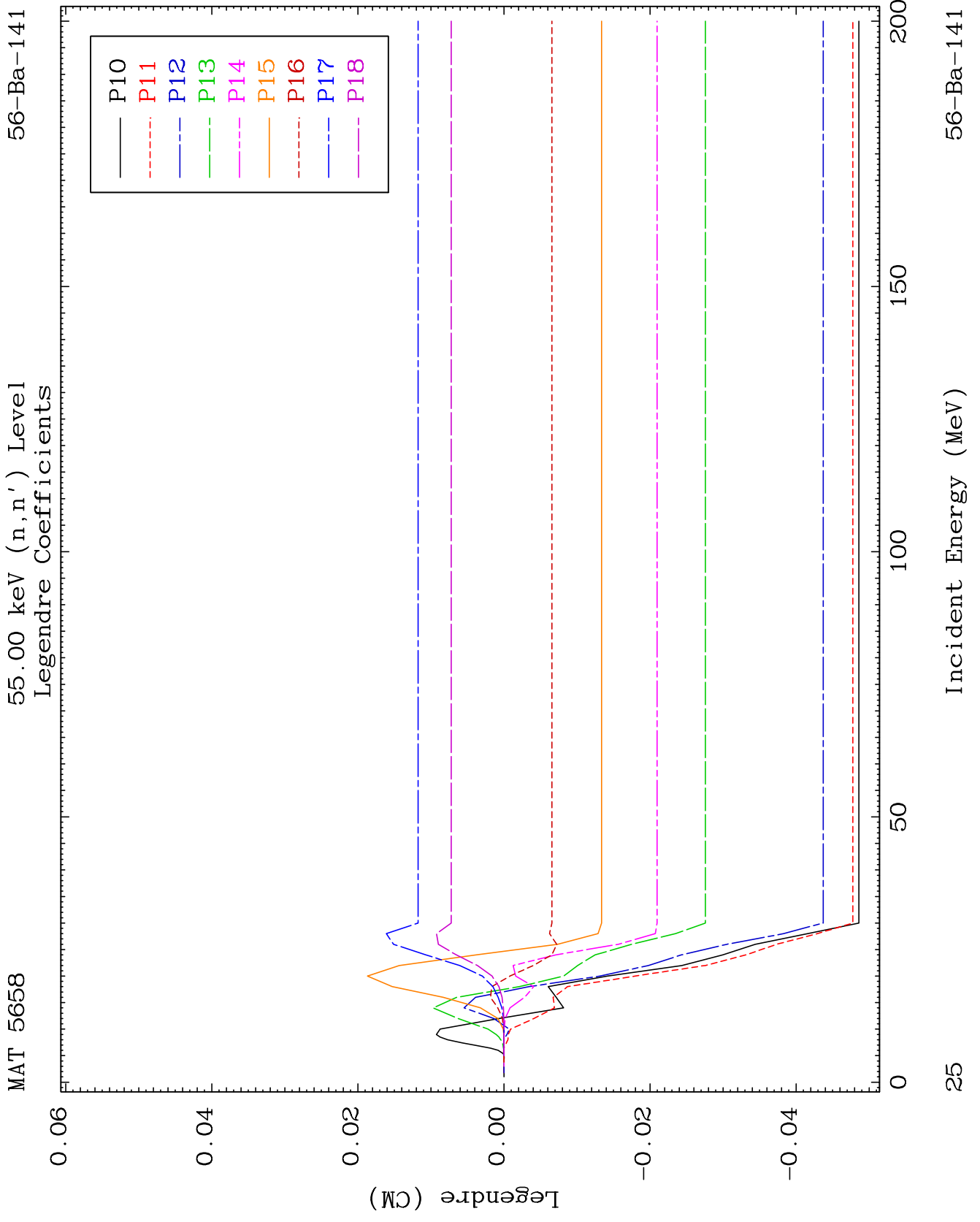


22

Incident Energy (MeV)

56-Ba-141

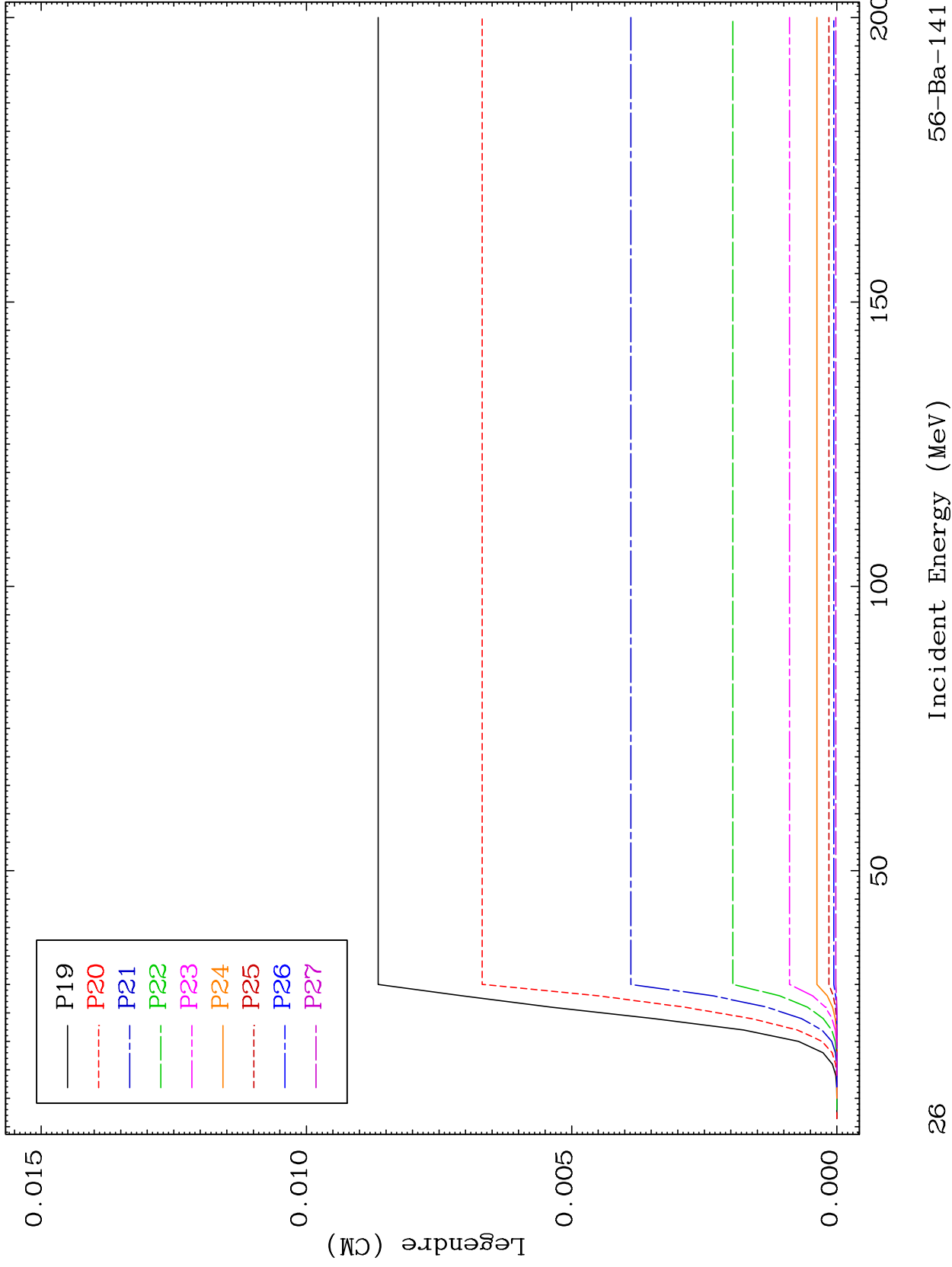




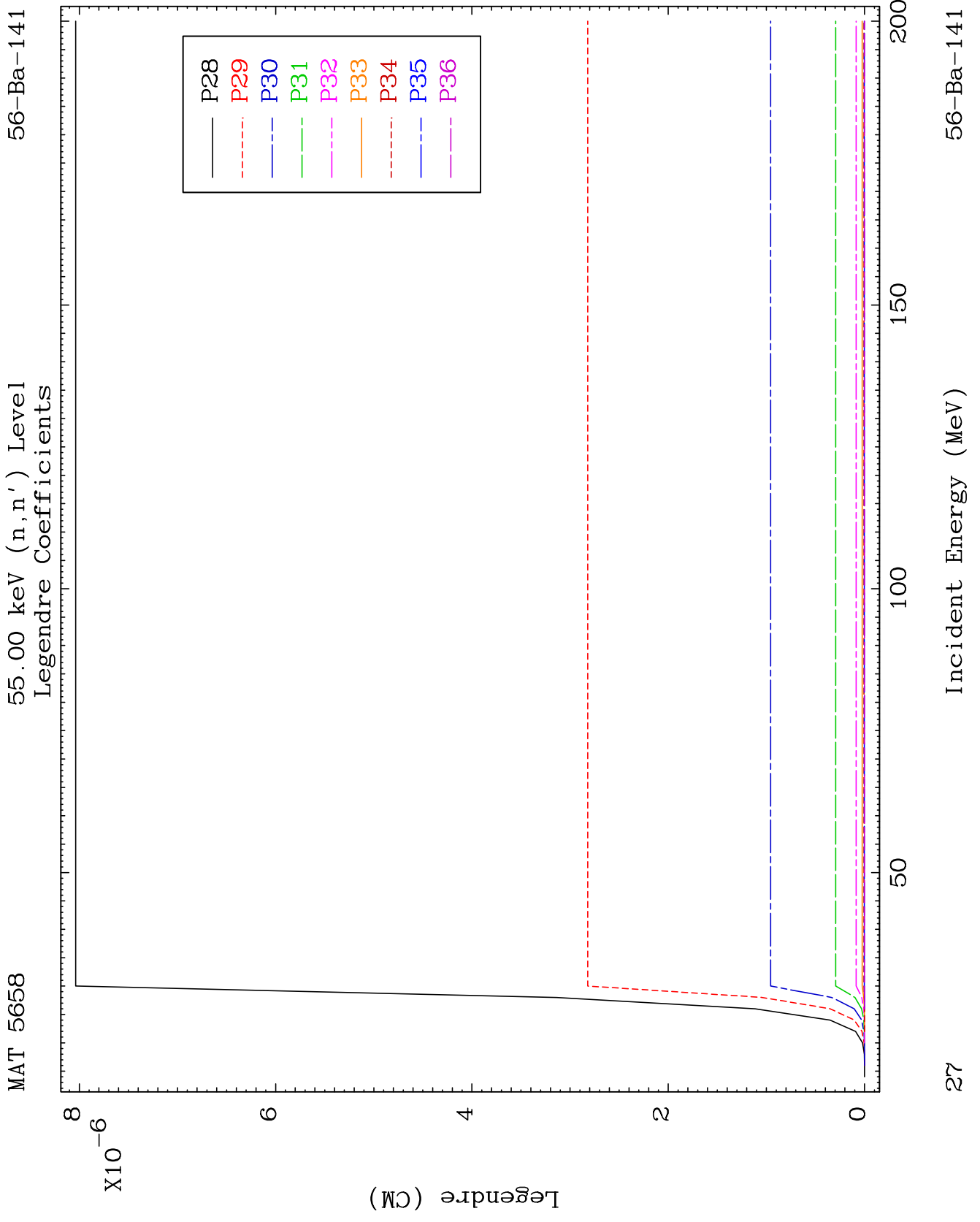
MAT 5658

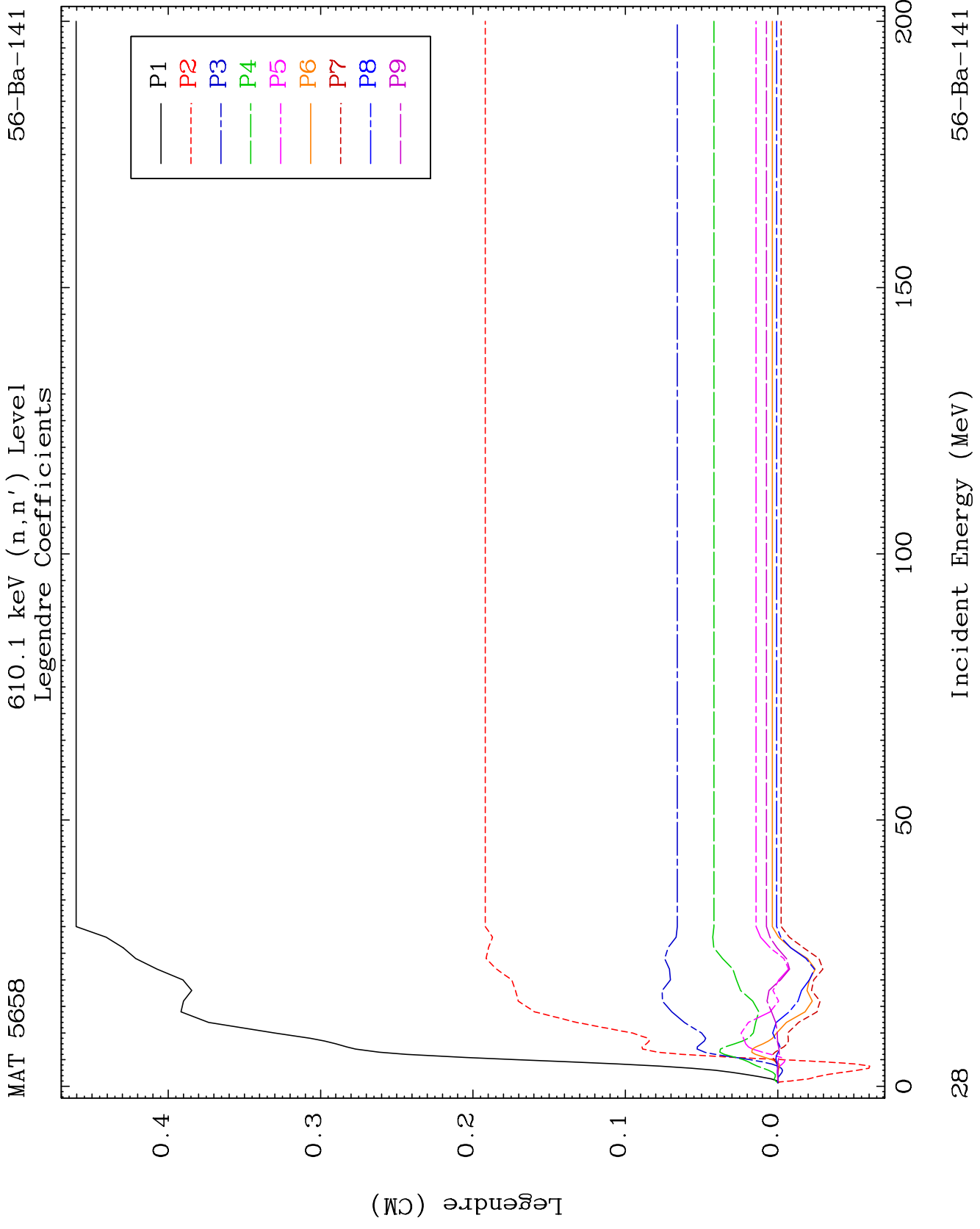
55.00 keV (n,n') Level
Legendre Coefficients

56-Ba-141



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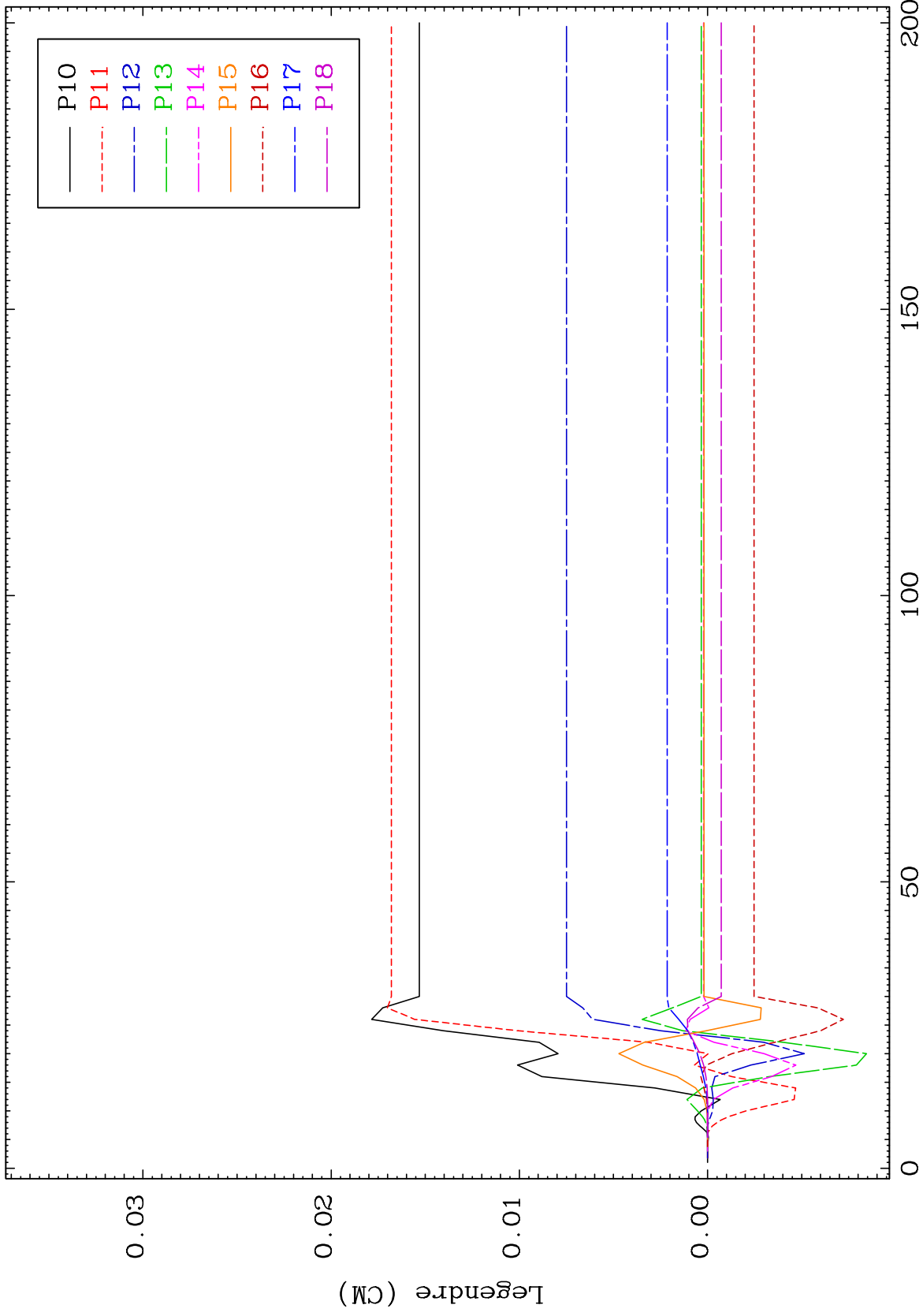




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610.1 keV (n,n') Level
Legendre Coefficients

56-Ba-141



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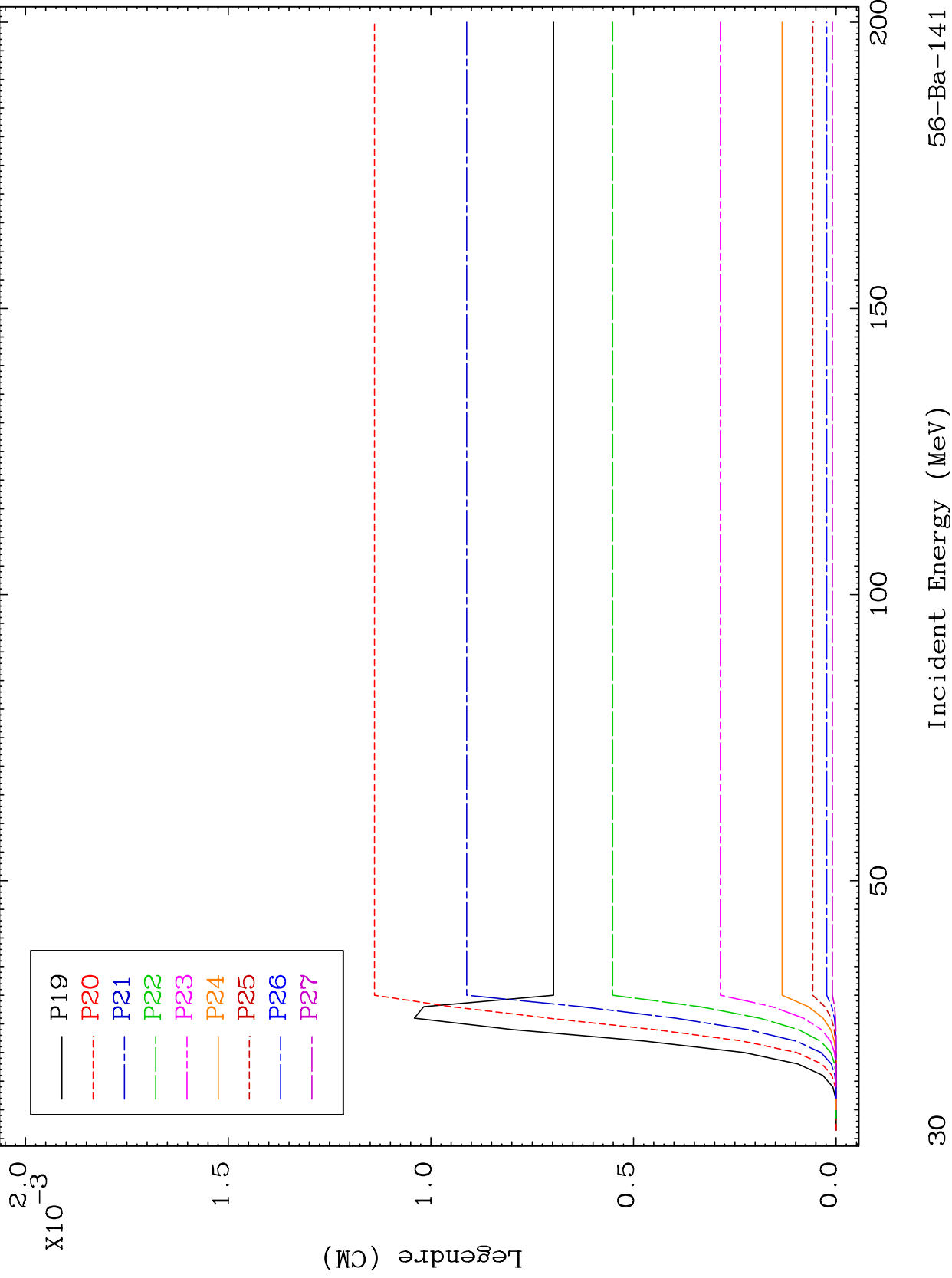
Incident Energy (MeV)

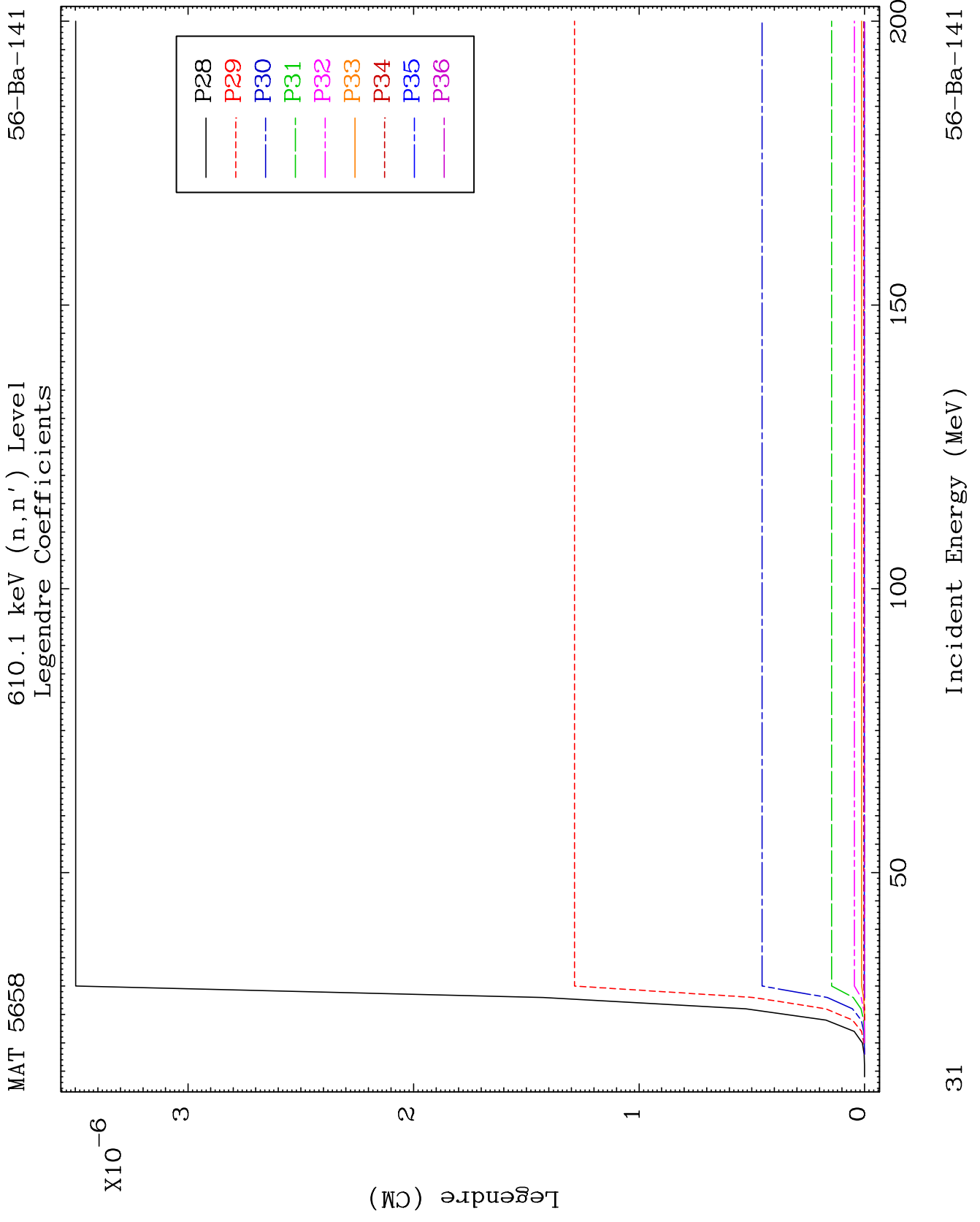
56-Ba-141

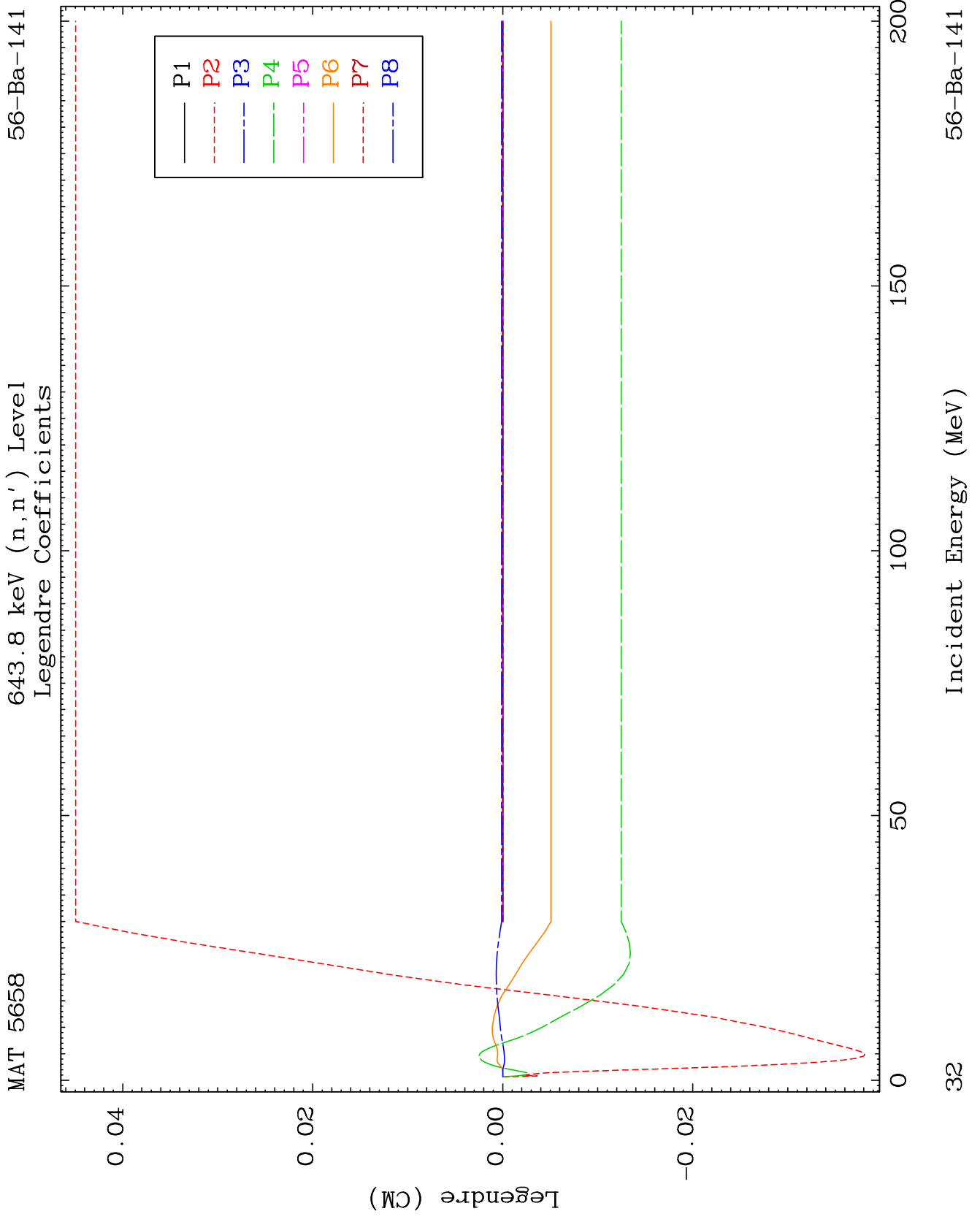
MAT 5658

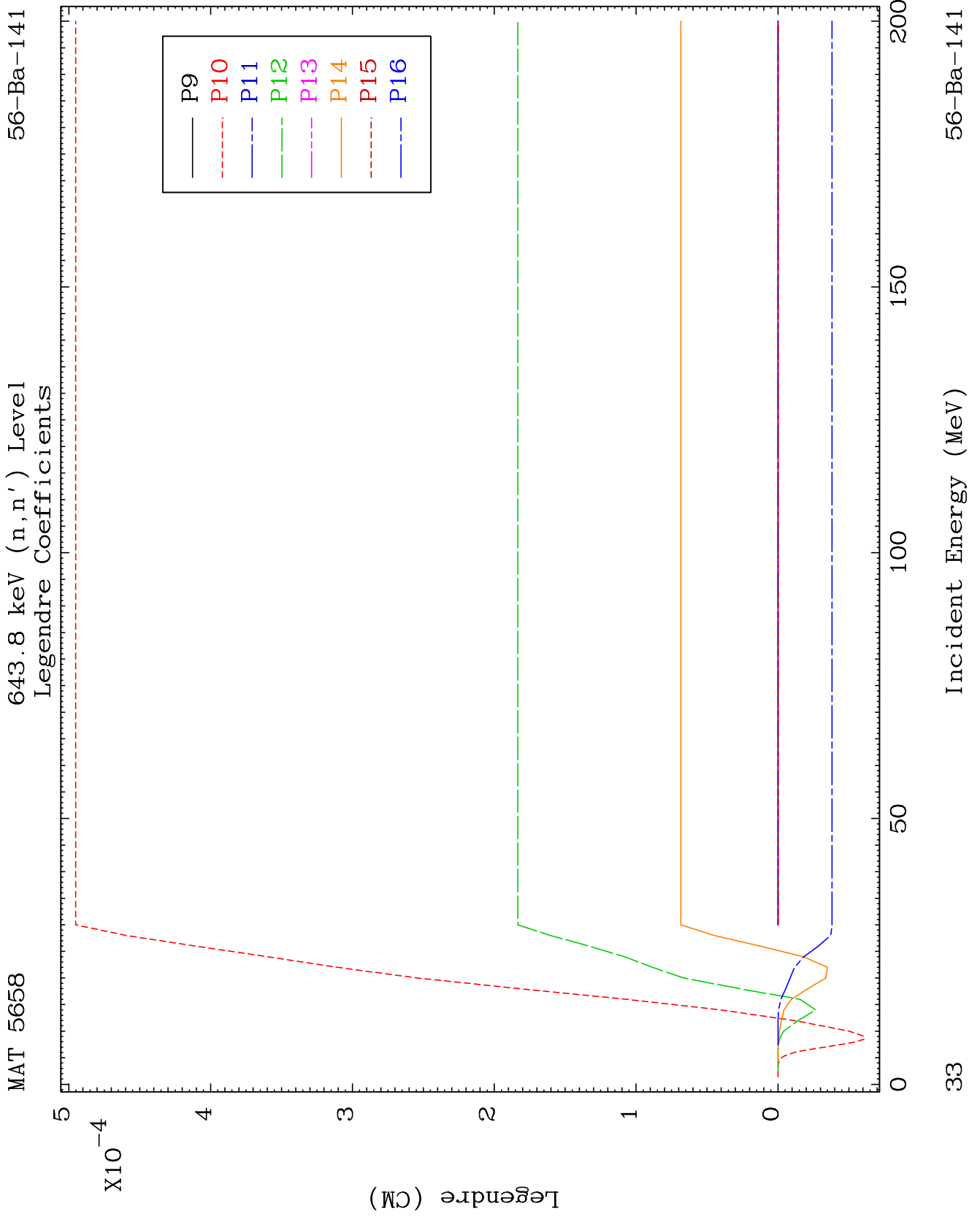
610.1 keV (n, n') Level
Legendre Coefficients

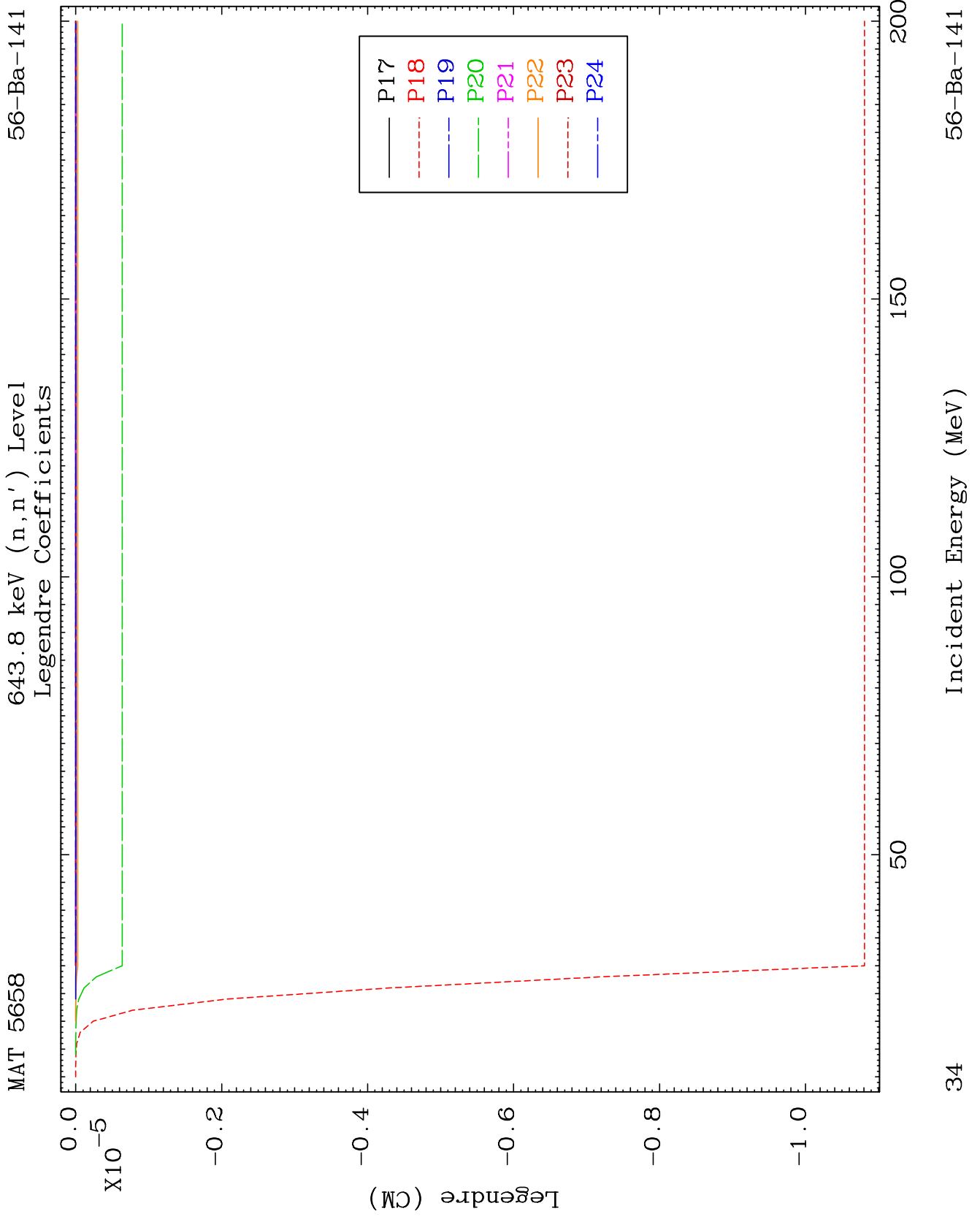
56-Ba-141







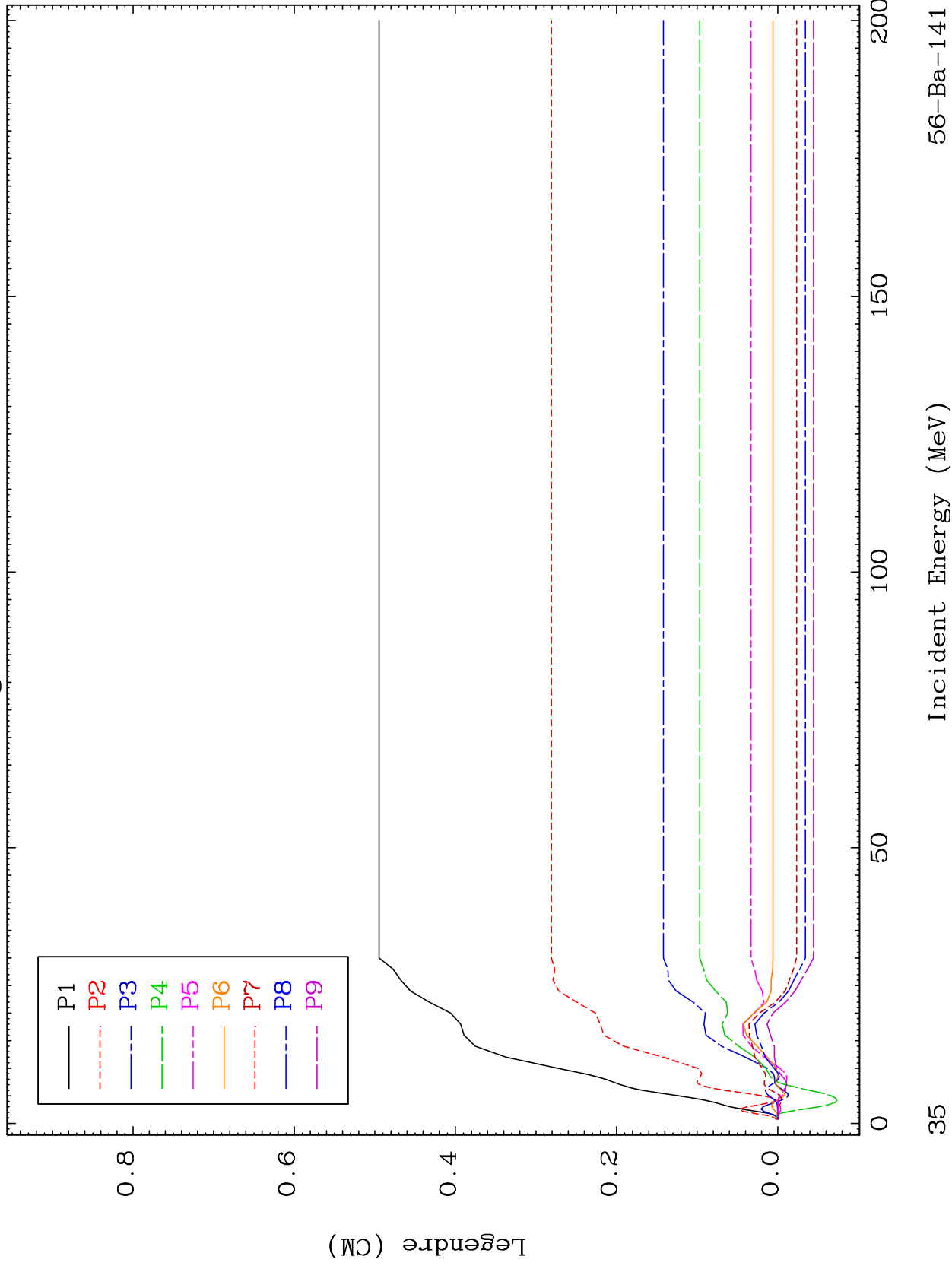




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709.4 keV (n,n') Level
Legendre Coefficients

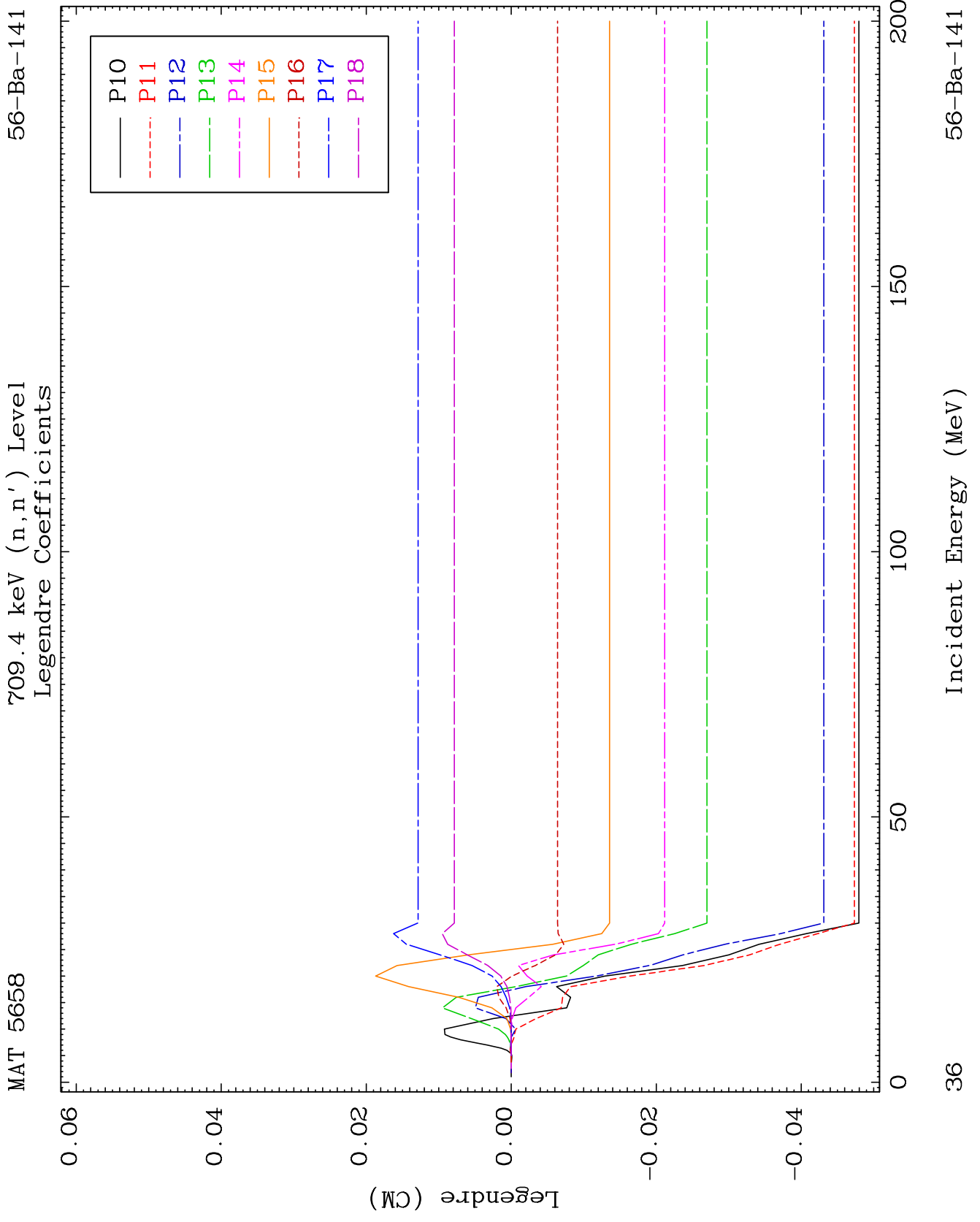
56-Ba-141



56-Ba-141

Incident Energy (MeV)

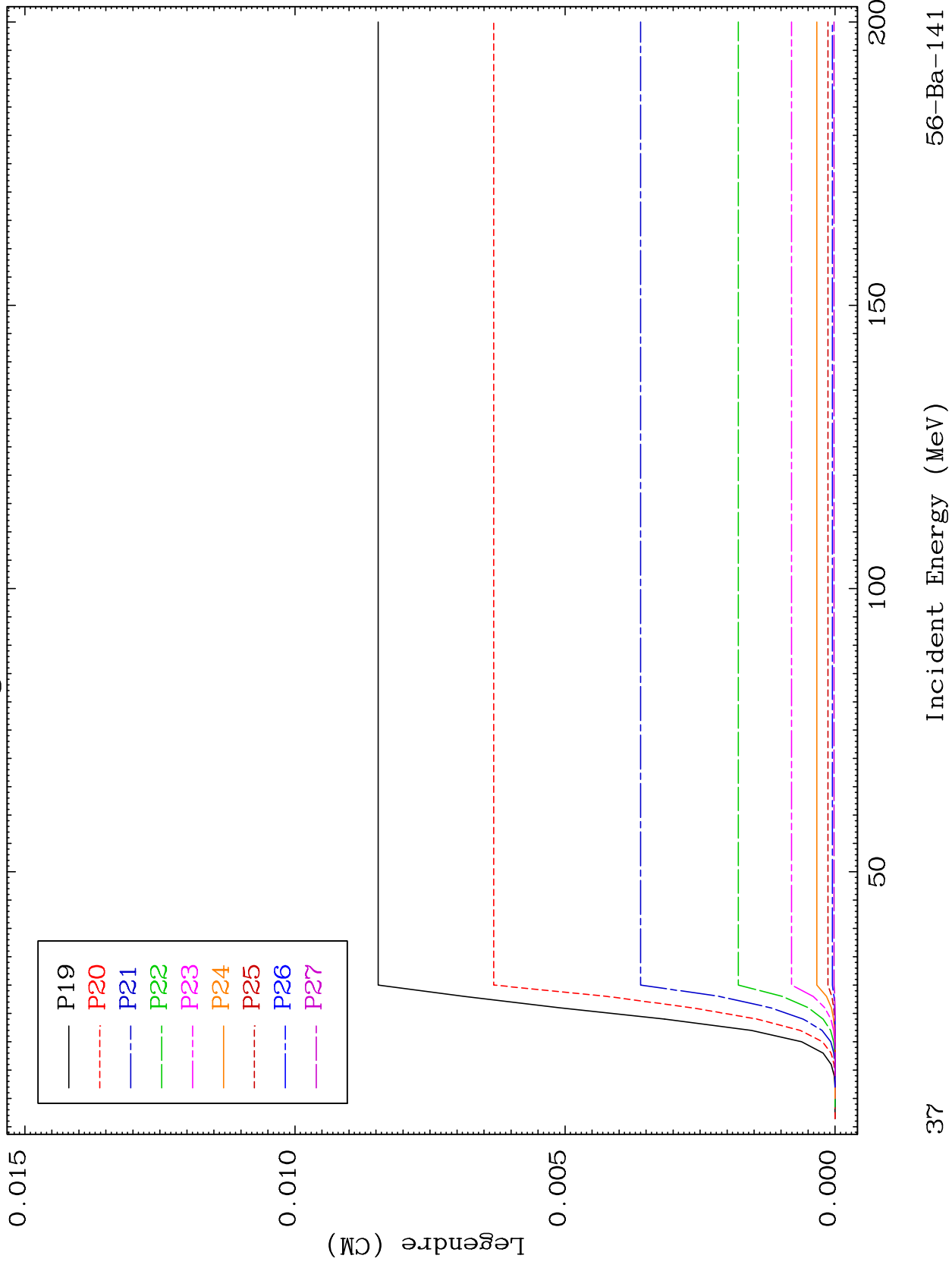
35



MAT 5658

709.4 keV (n,n') Level
Legendre Coefficients

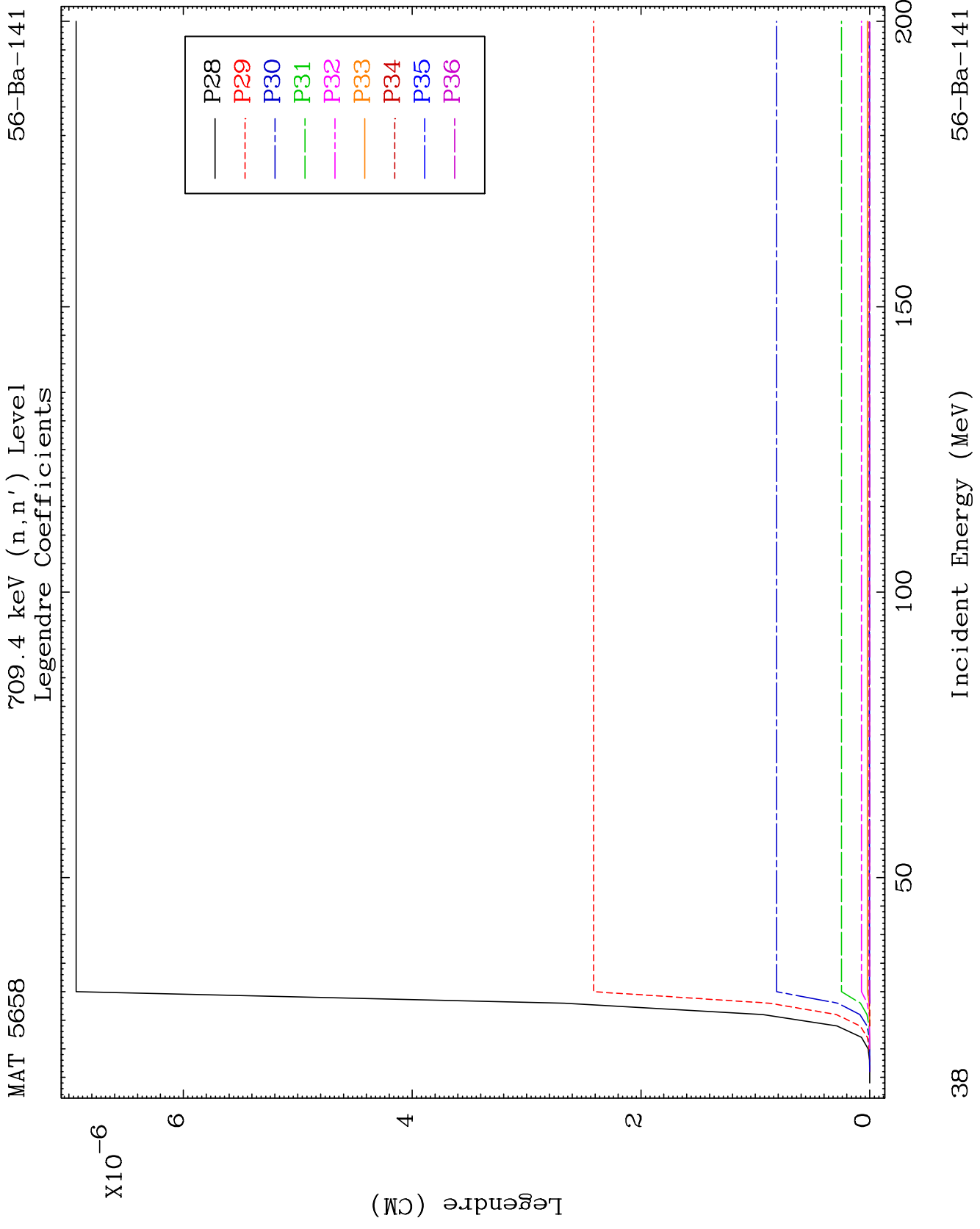
56-Ba-141



37

Incident Energy (MeV)

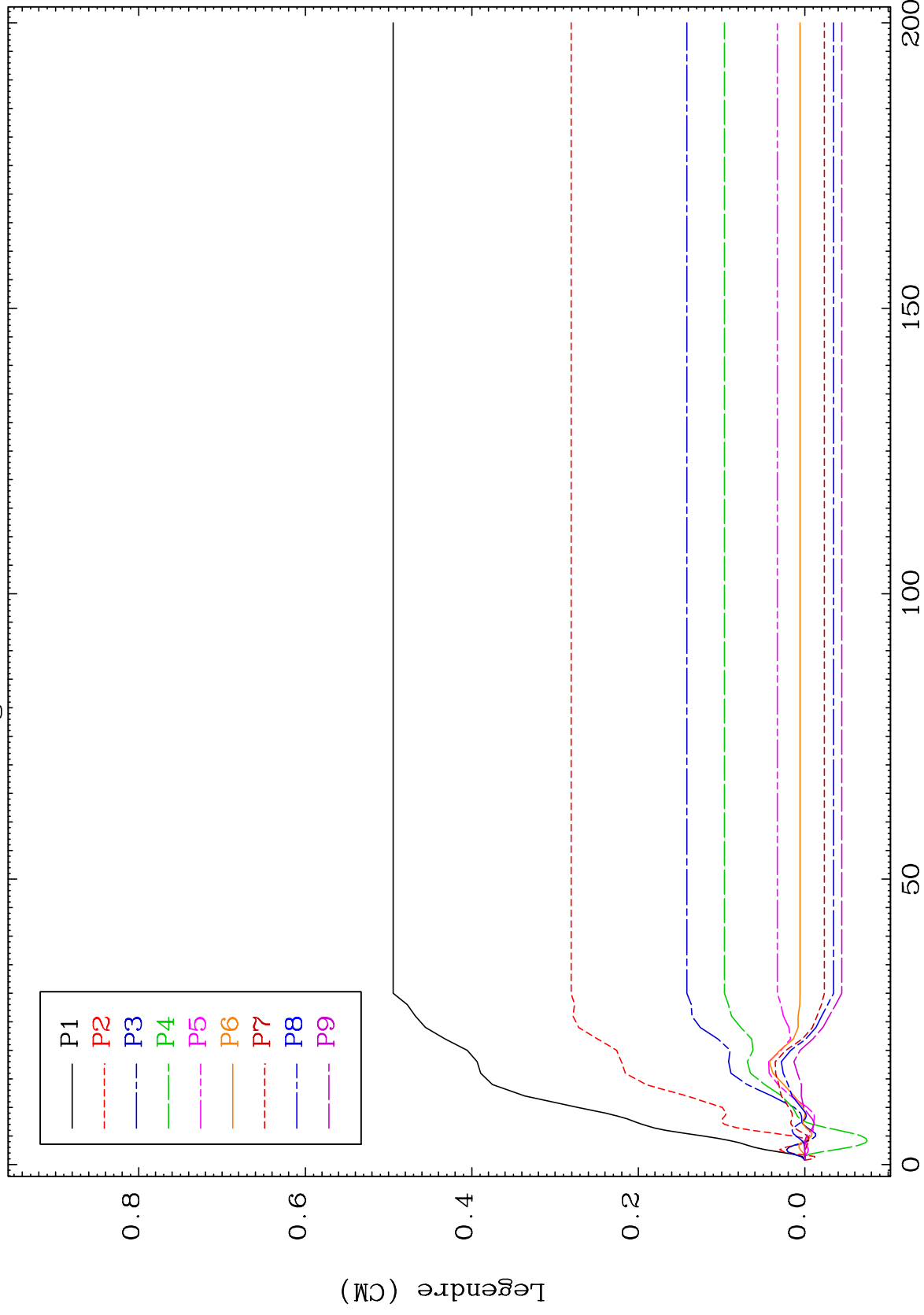
56-Ba-141



MAT 5658

747.0 keV (n,n') Level
Legendre Coefficients

56-Ba-141



39

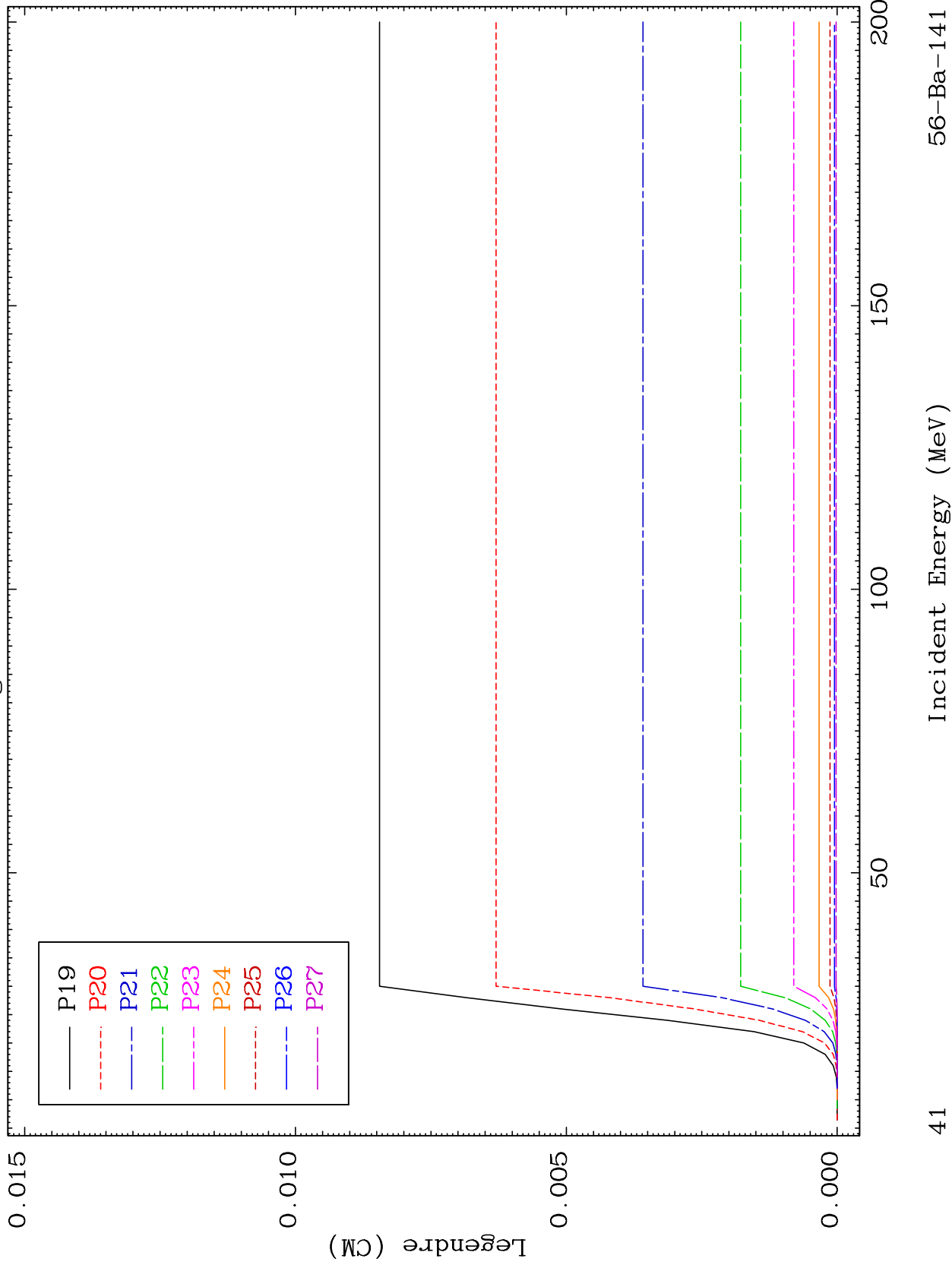
Incident Energy (MeV)

56-Ba-141

MAT 5658

747.0 keV (n,n') Level
Legendre Coefficients

56-Ba-141



41

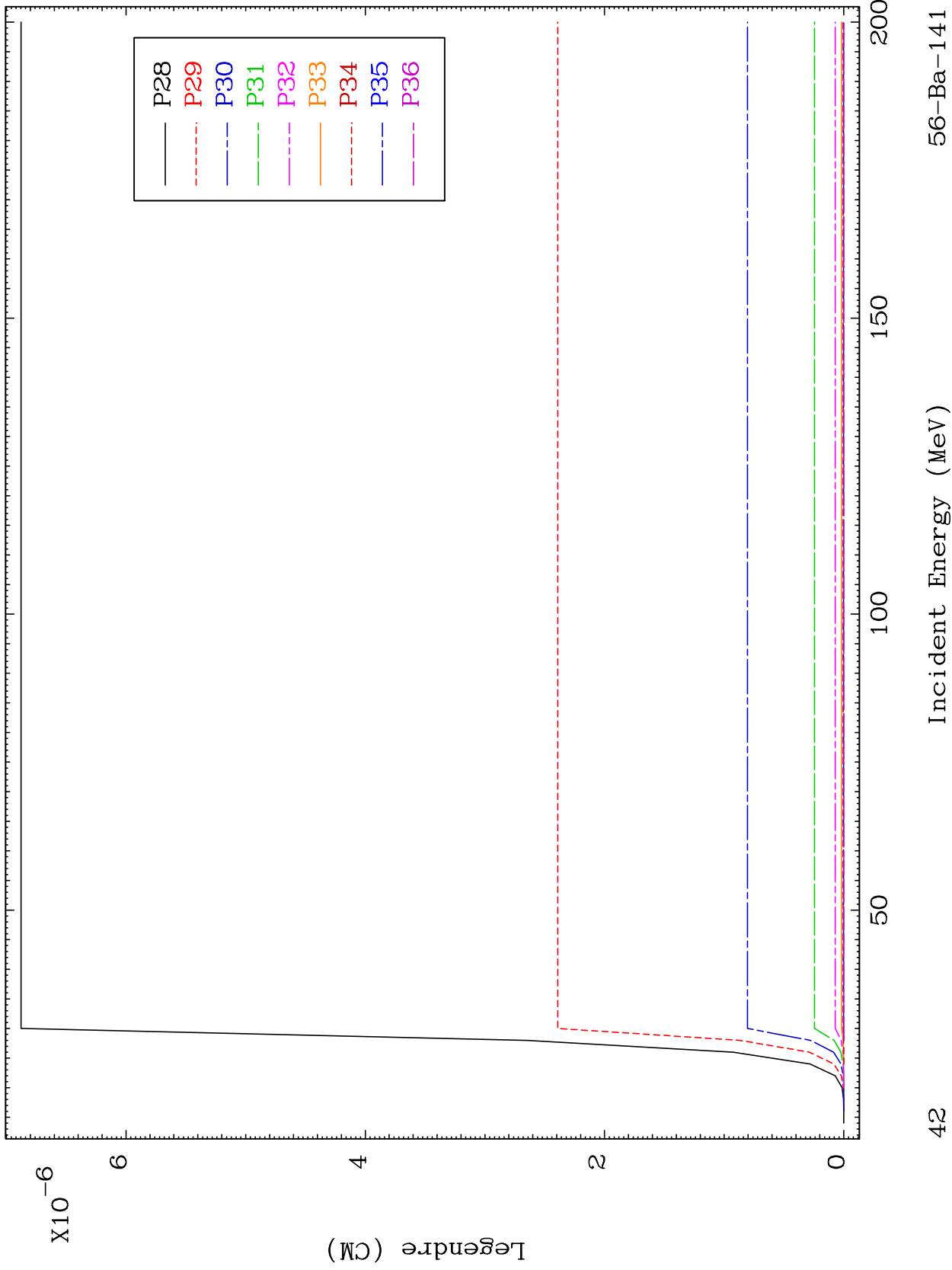
Incident Energy (MeV)

56-Ba-141

MAT 5658

747.0 keV (n, n') Level
Legendre Coefficients

56-Ba-141



42

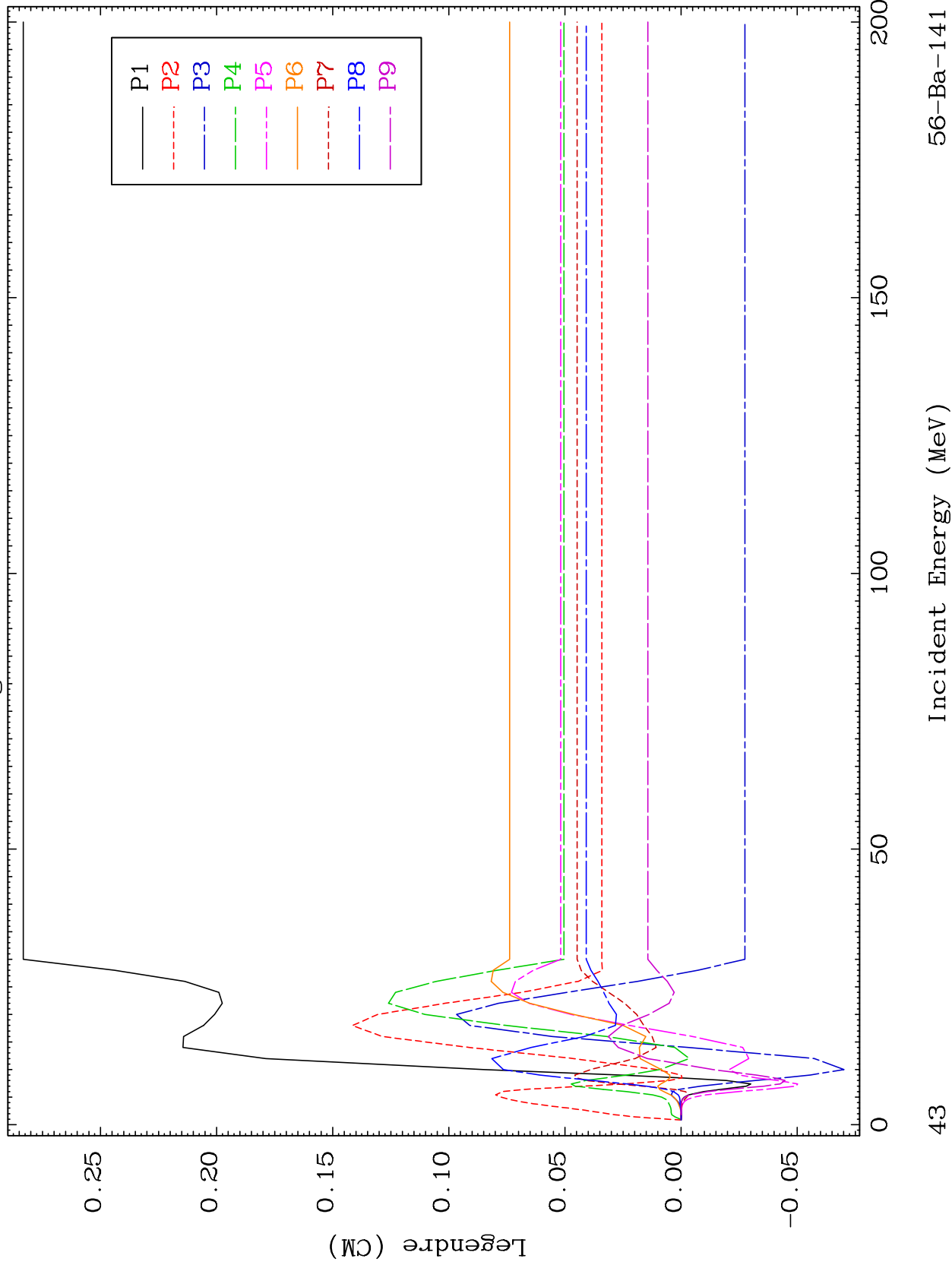
Incident Energy (MeV)

56-Ba-141

MAT 5658

827.0 keV (n,n') Level
Legendre Coefficients

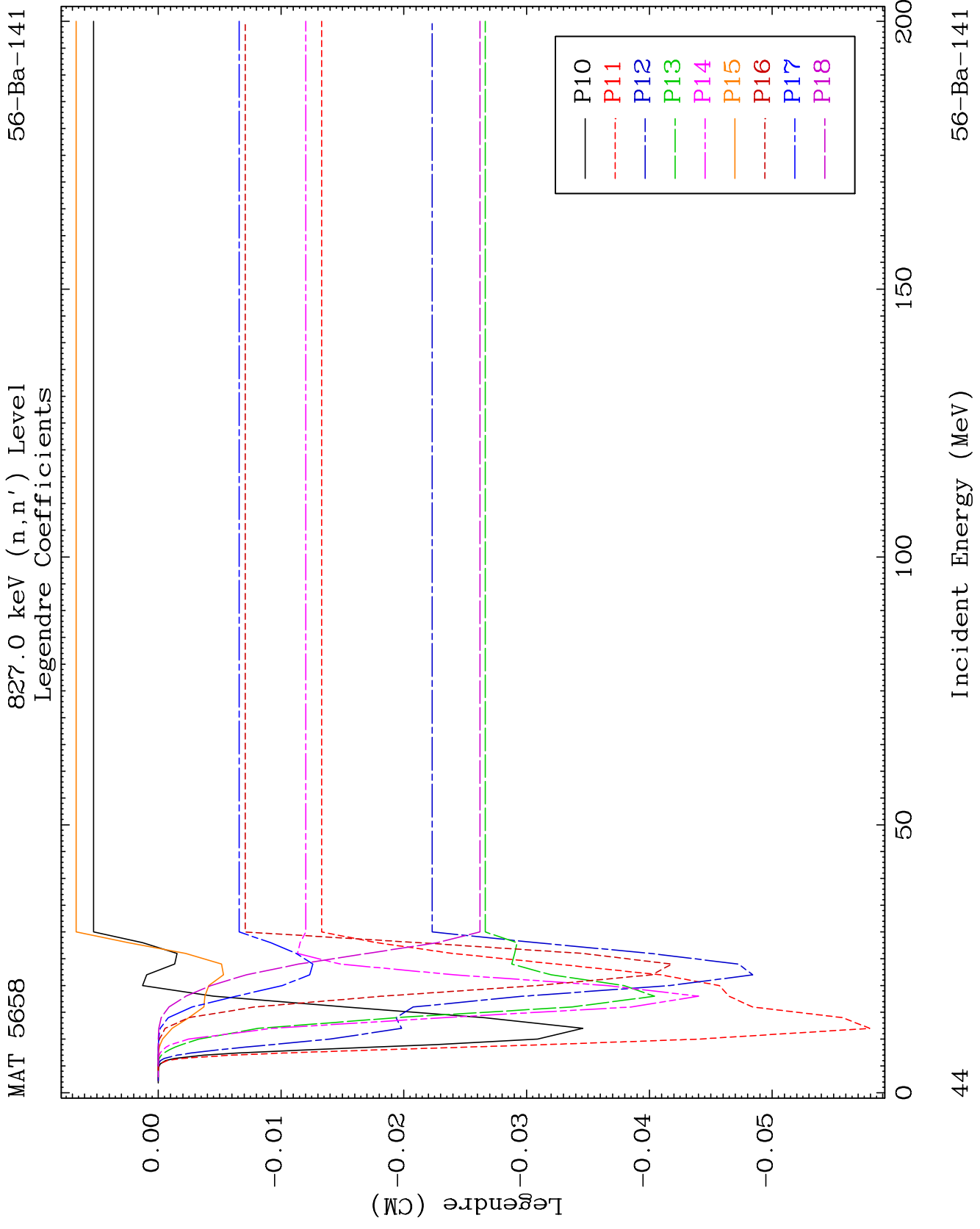
56-Ba-141

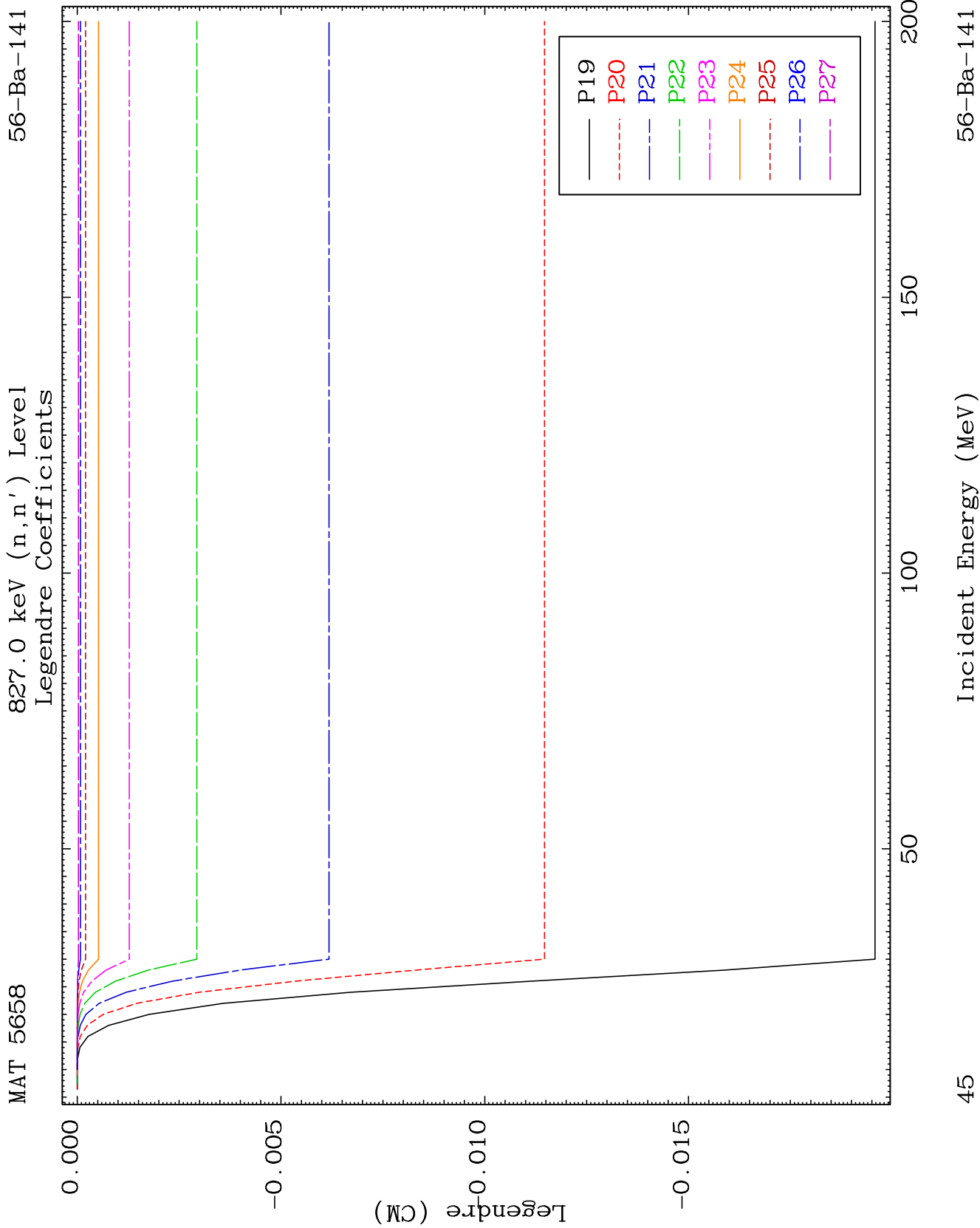


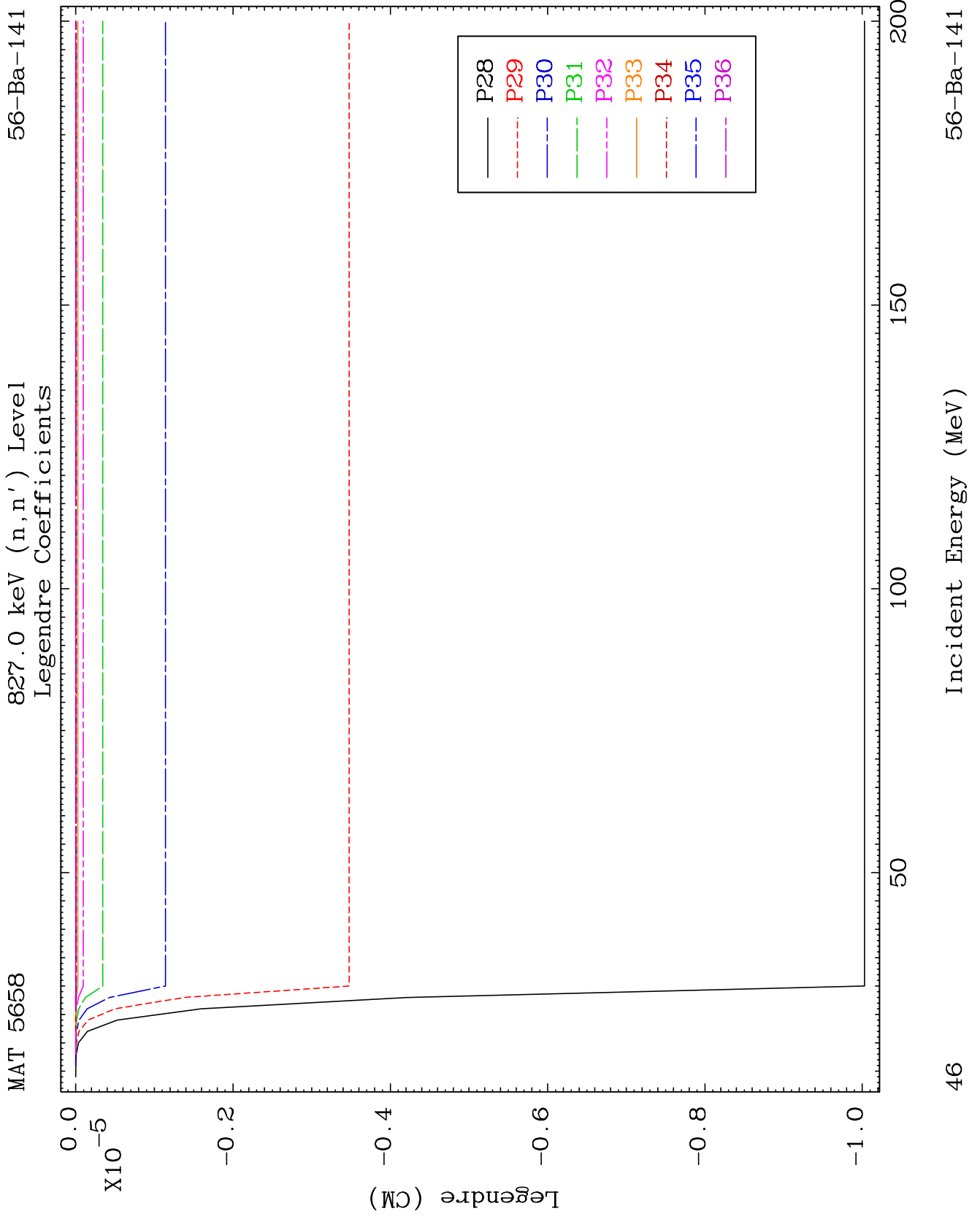
56-Ba-141

Incident Energy (MeV)

43



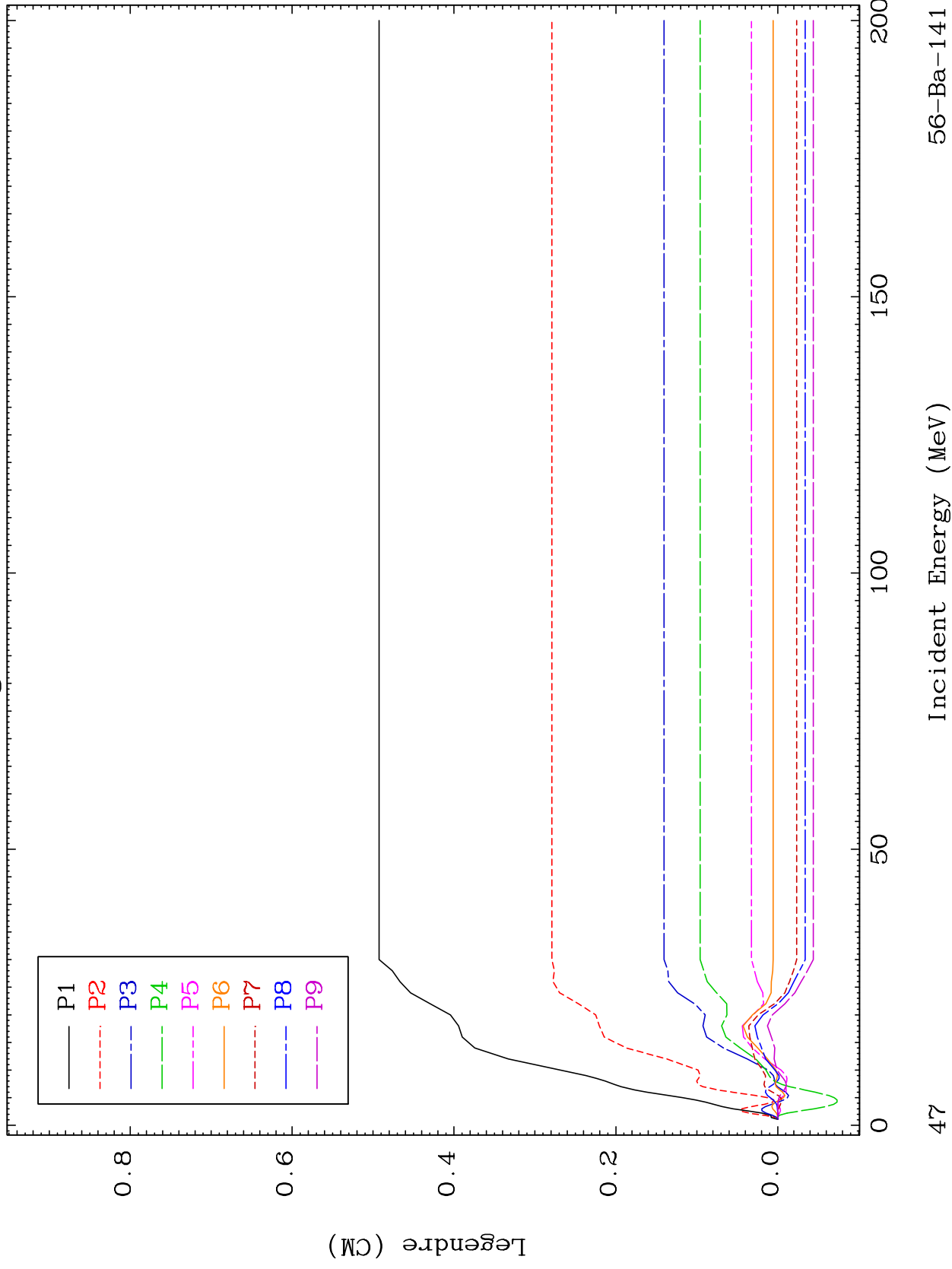




MAT 5658

1.056 MeV (n,n') Level
Legendre Coefficients

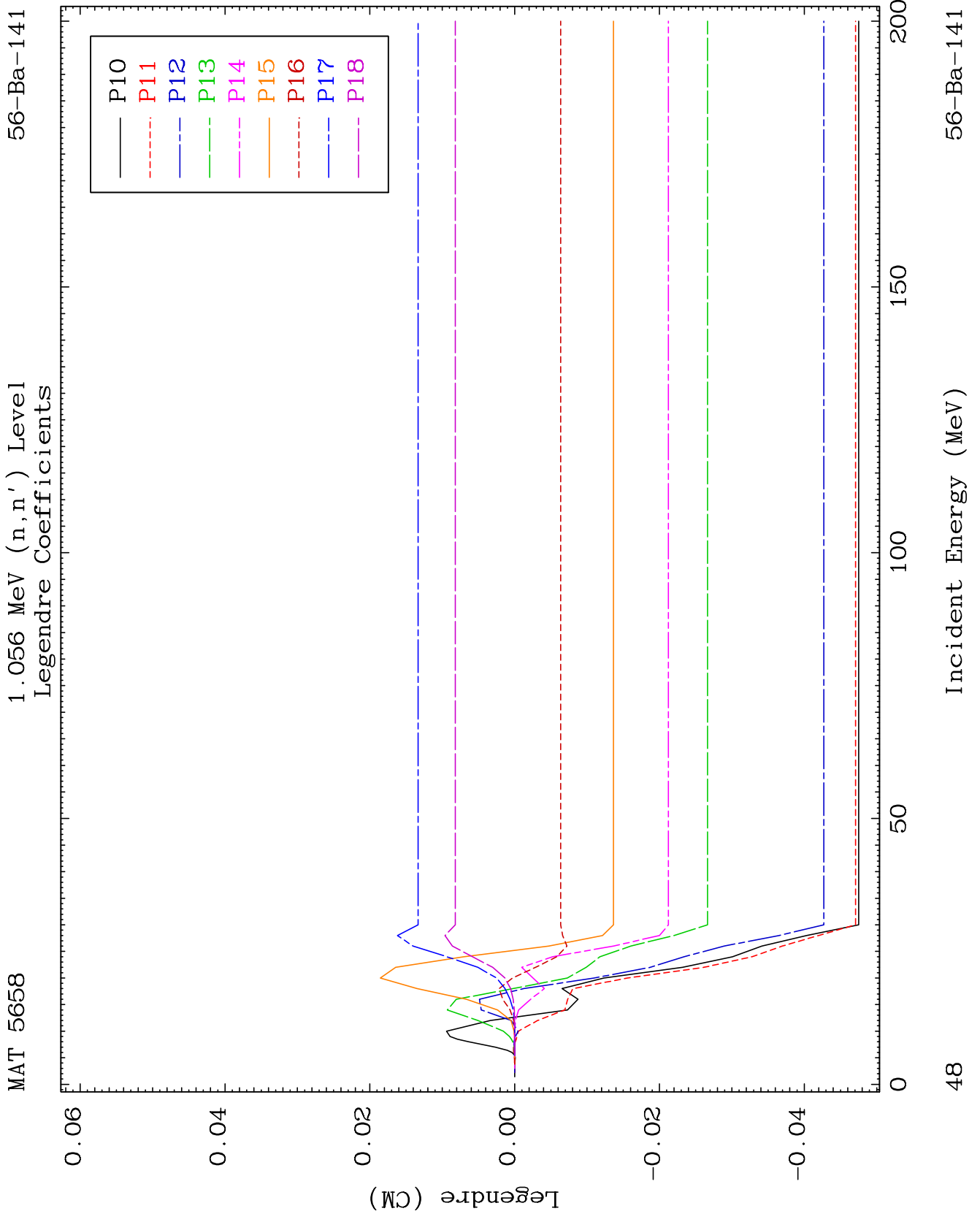
56-Ba-141

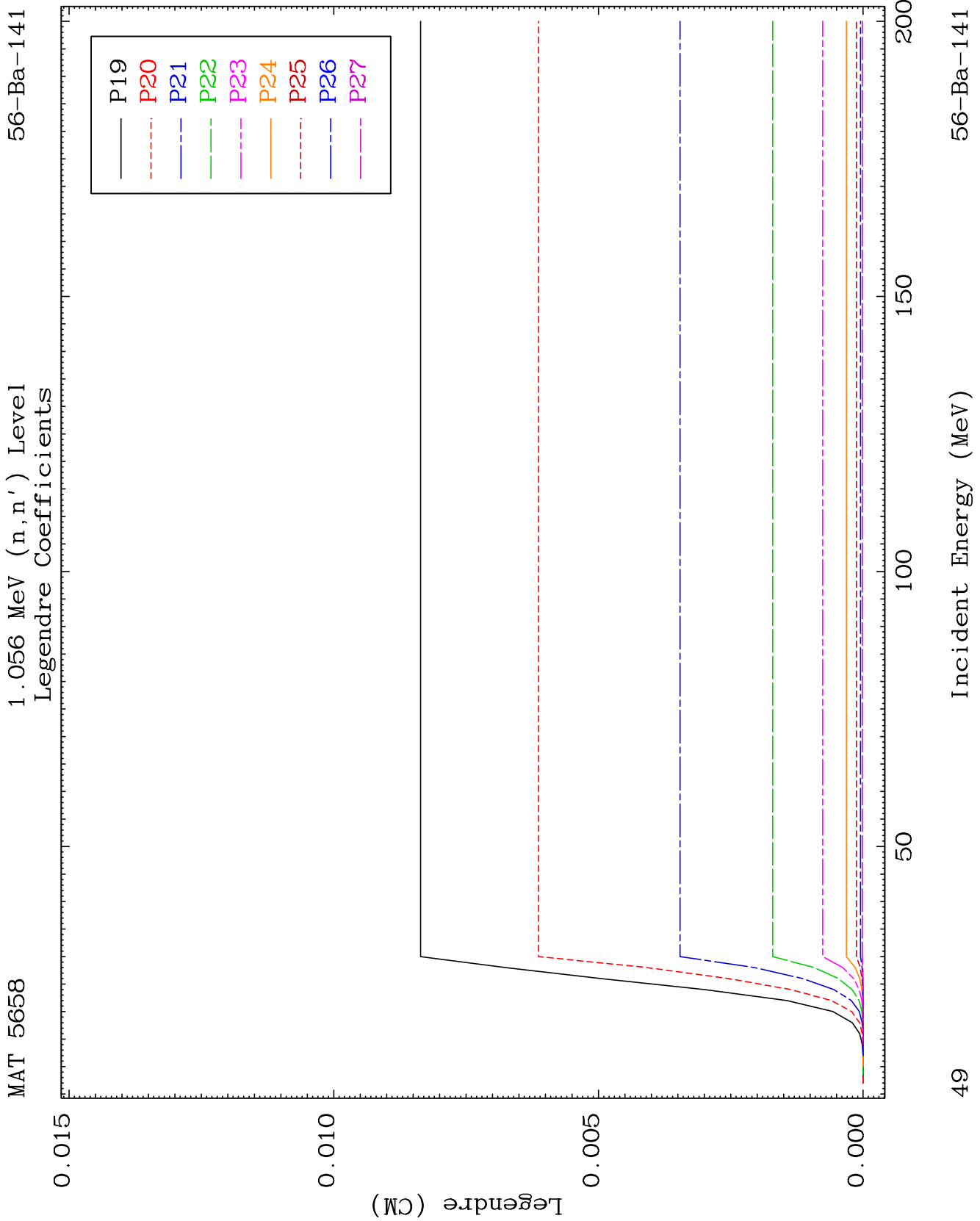


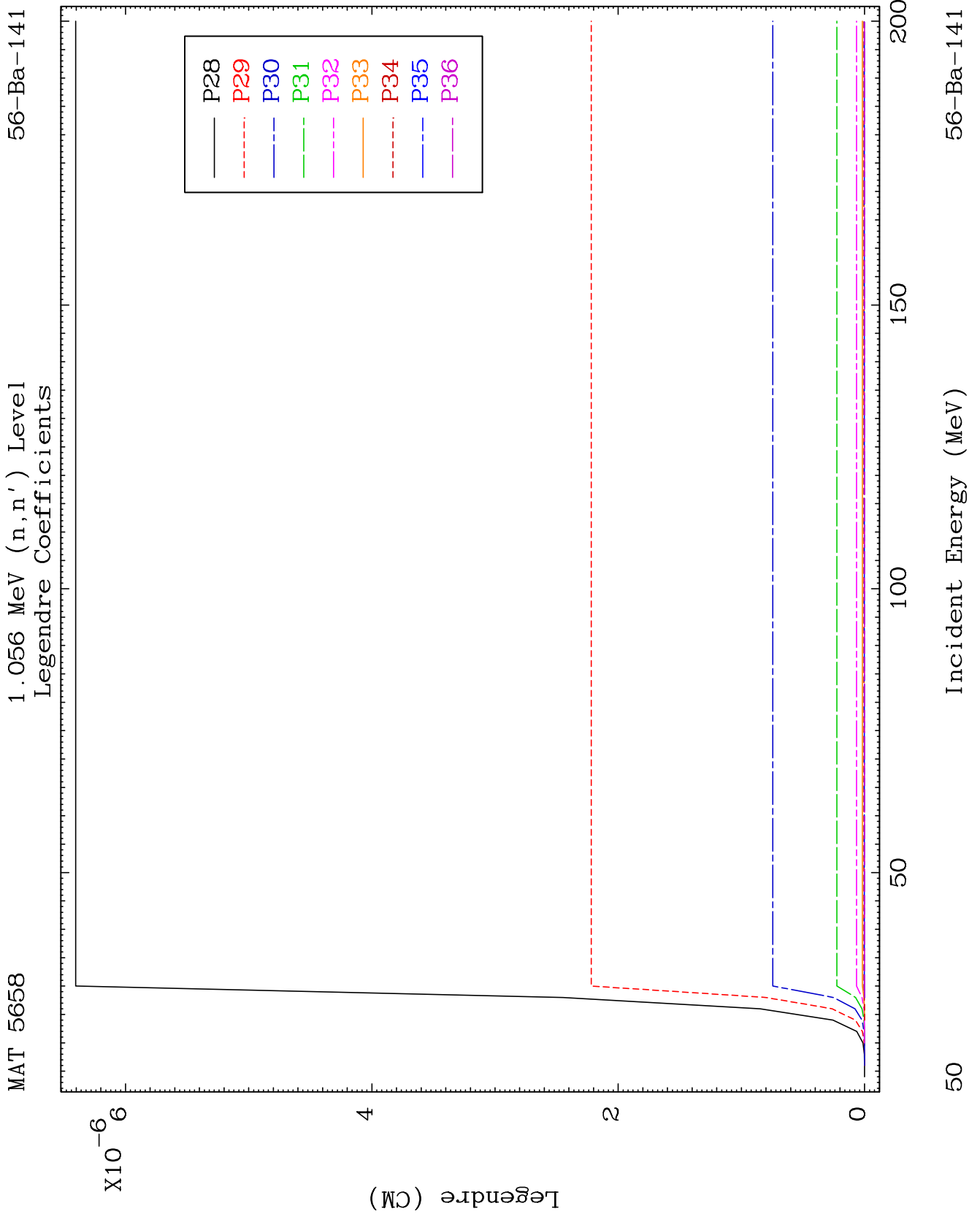
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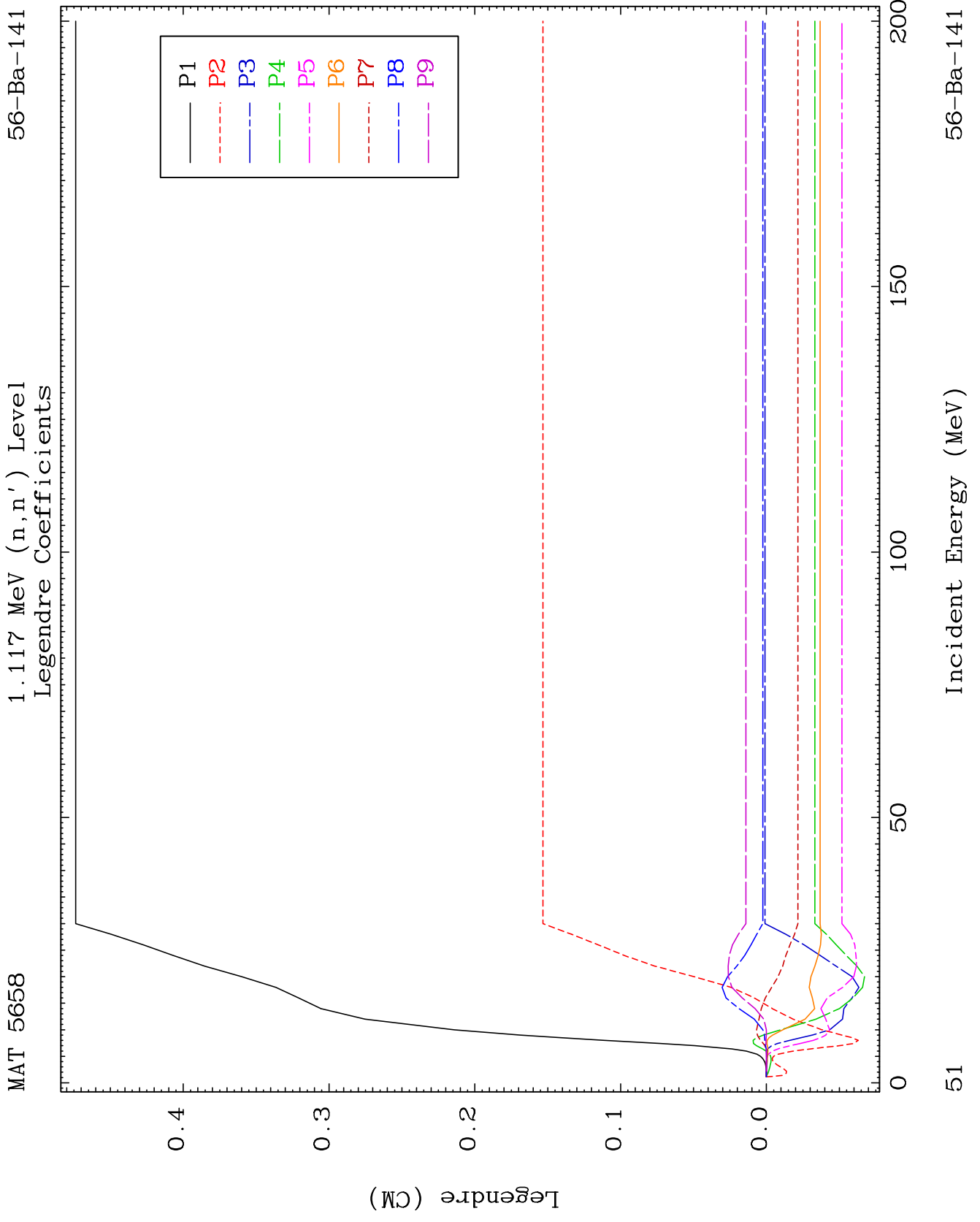
Incident Energy (MeV)

47





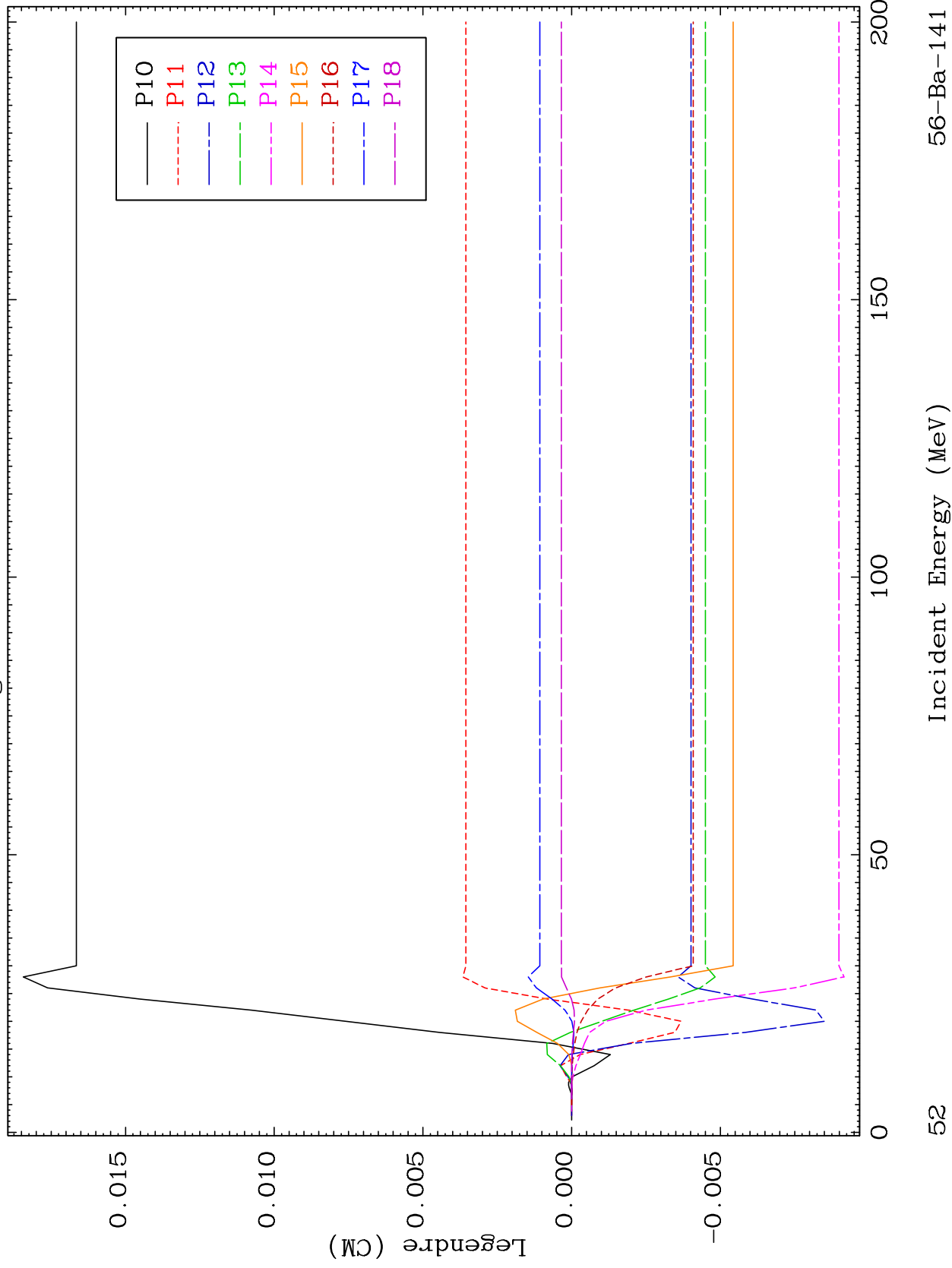




MAT 5658

1.117 MeV (n,n') Level
Legendre Coefficients

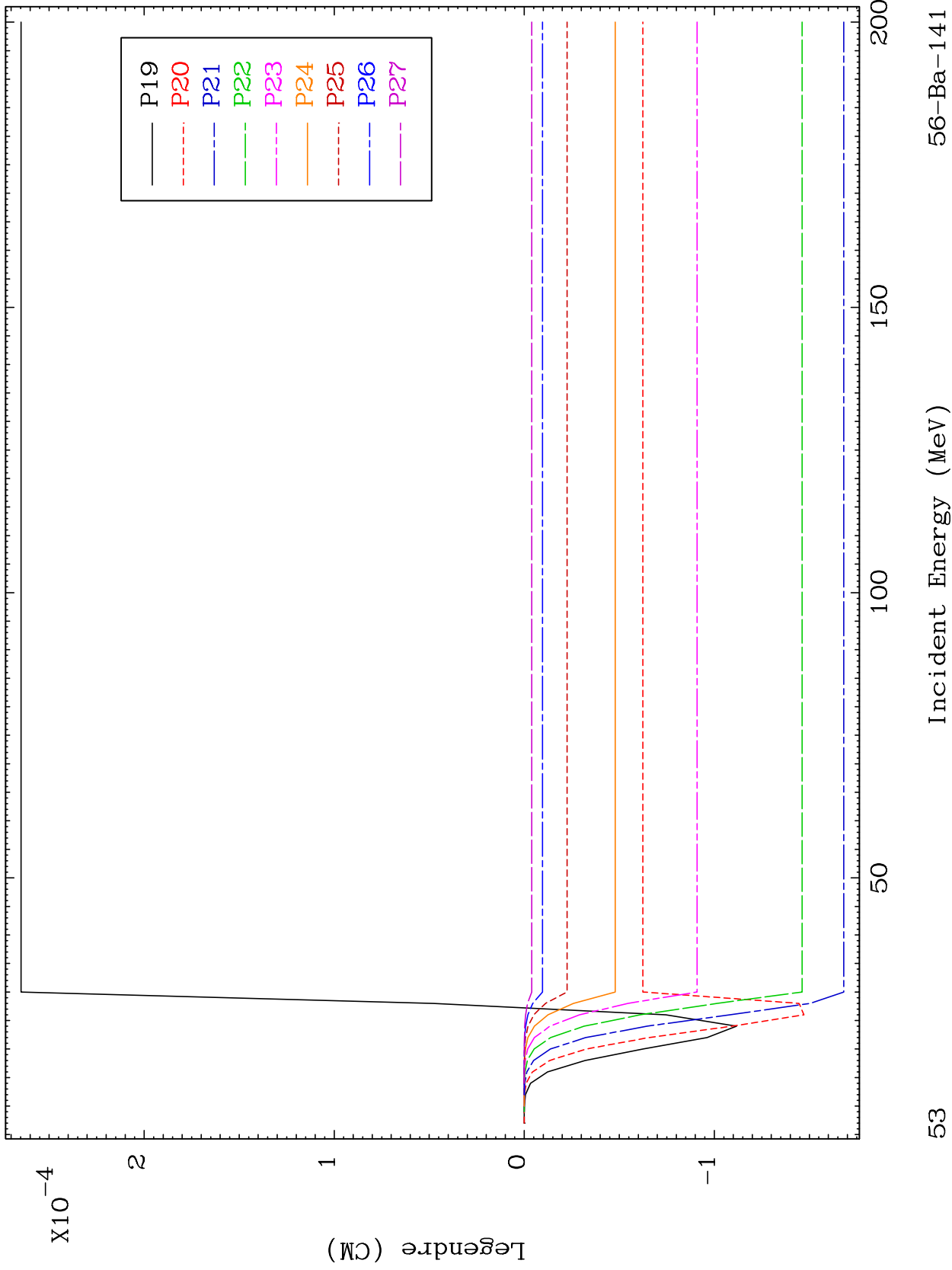
56-Ba-141

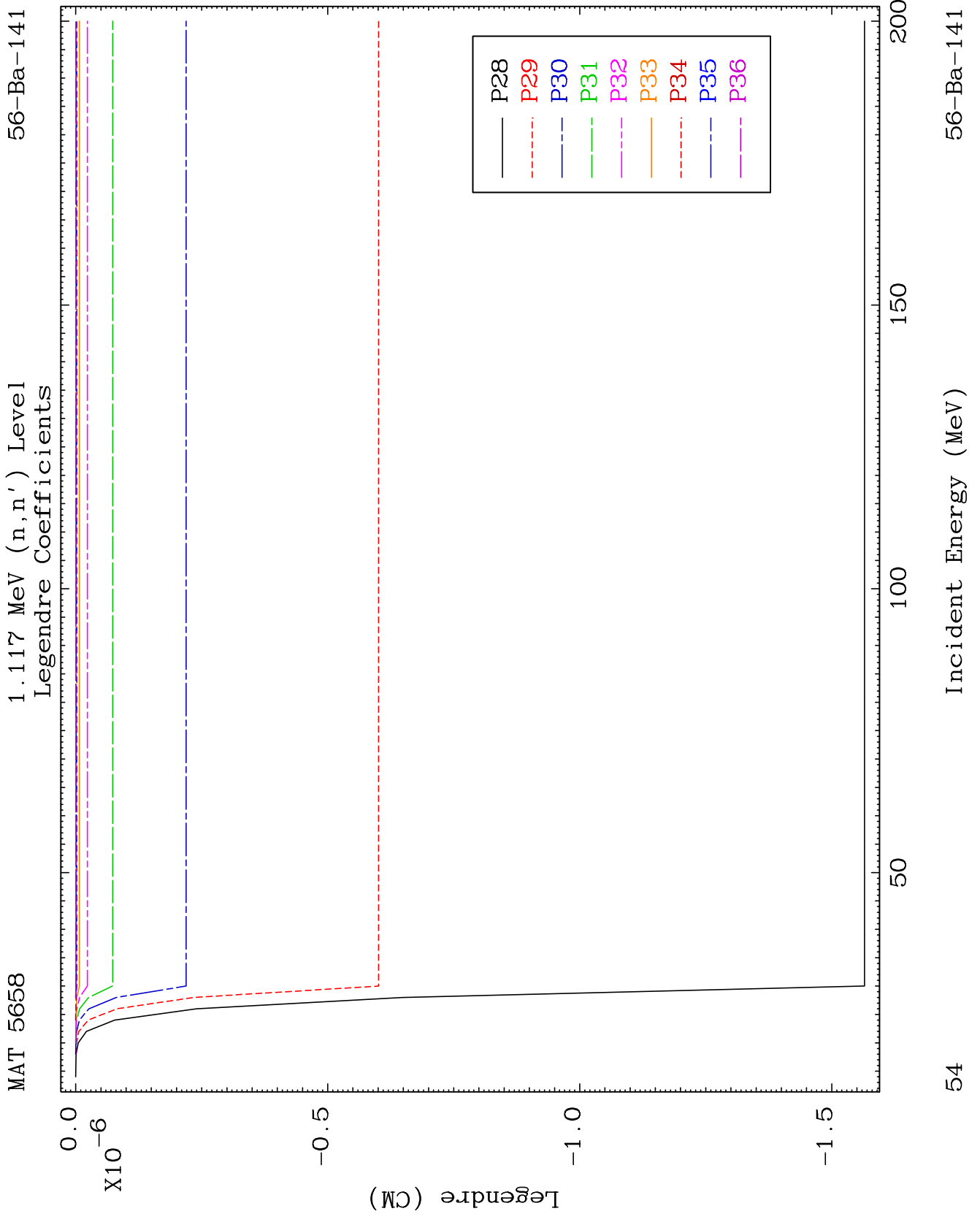


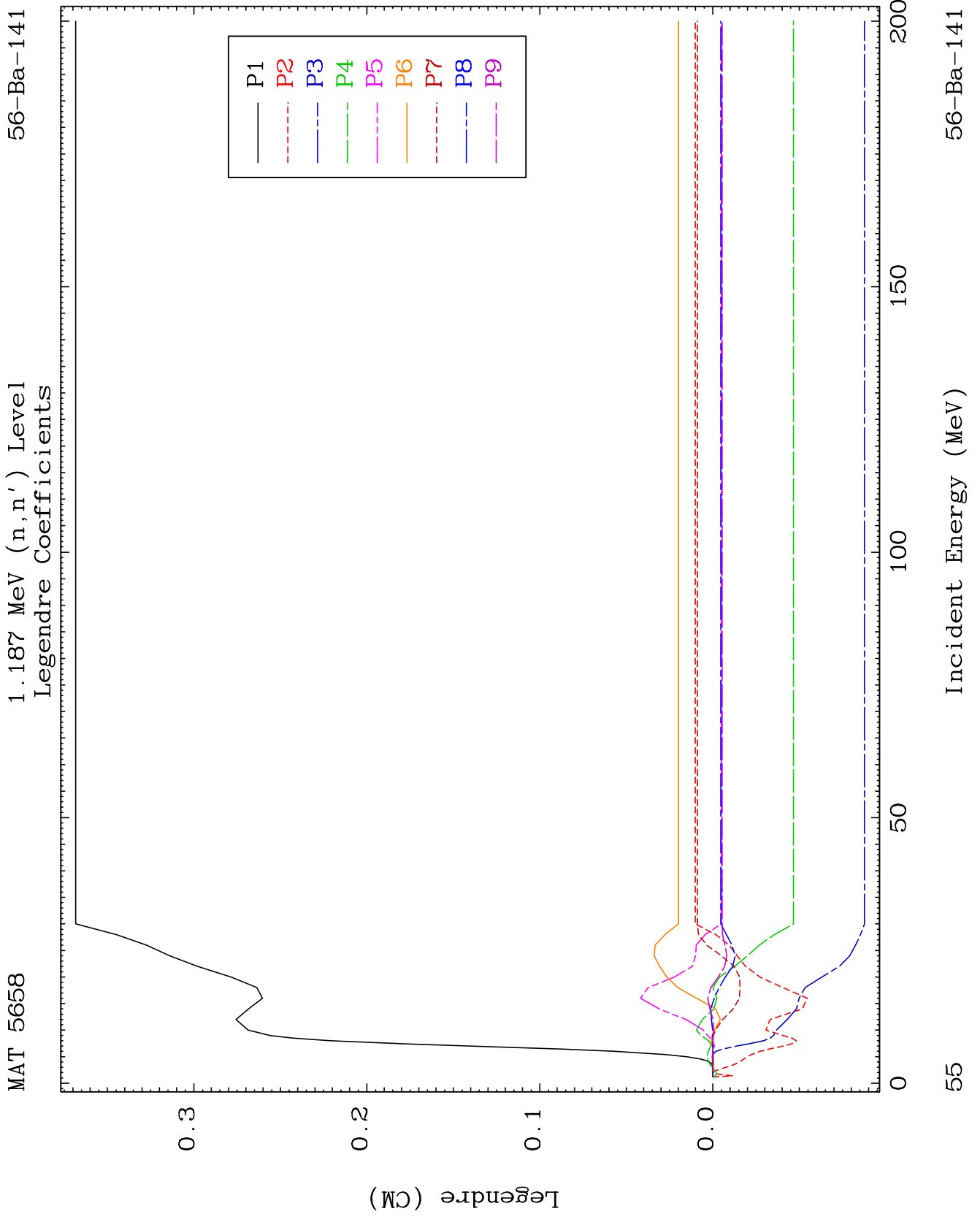
56-Ba-141

Incident Energy (MeV)

52



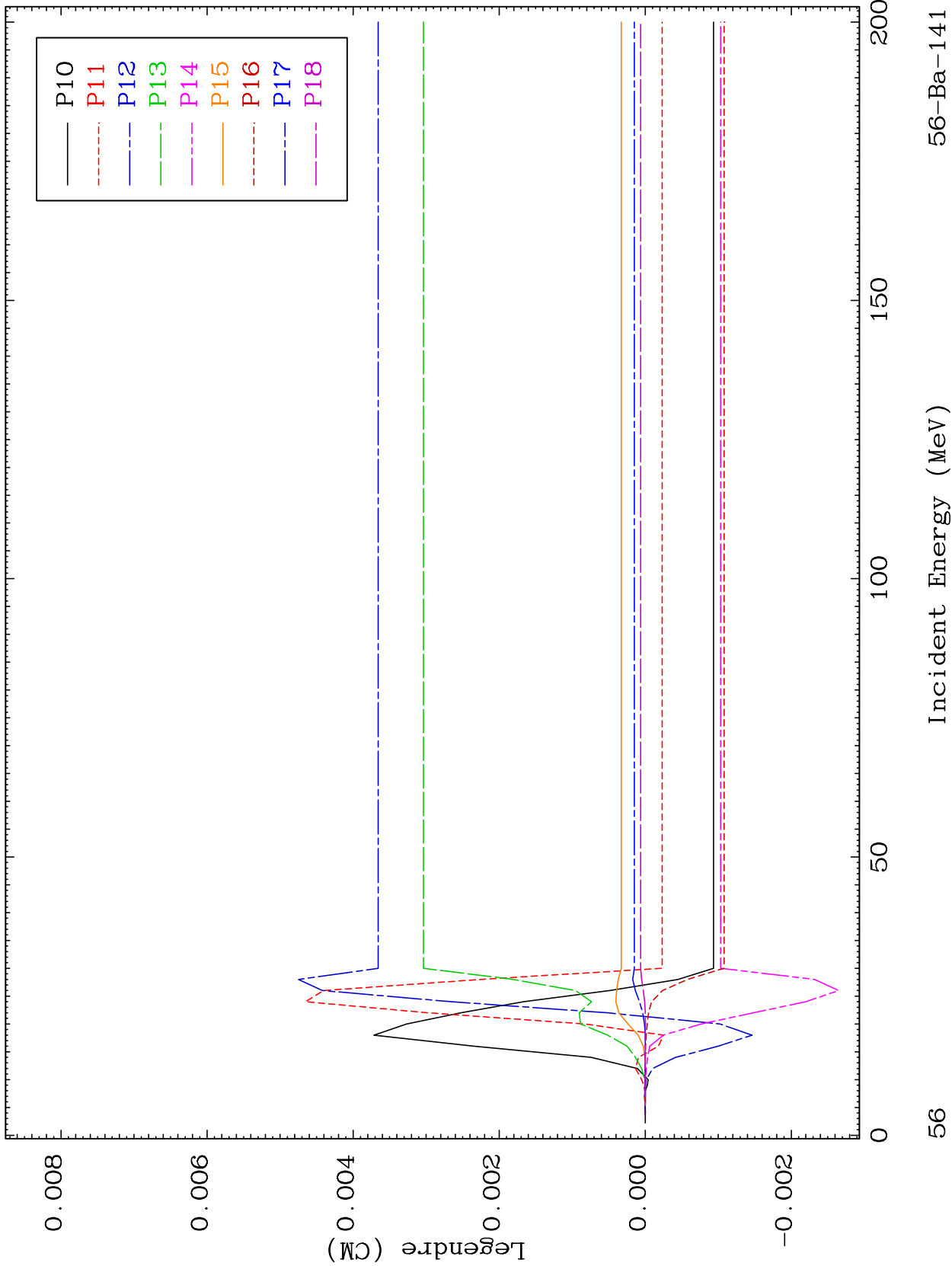




MAT 5658

1.187 MeV (n,n') Level
Legendre Coefficients

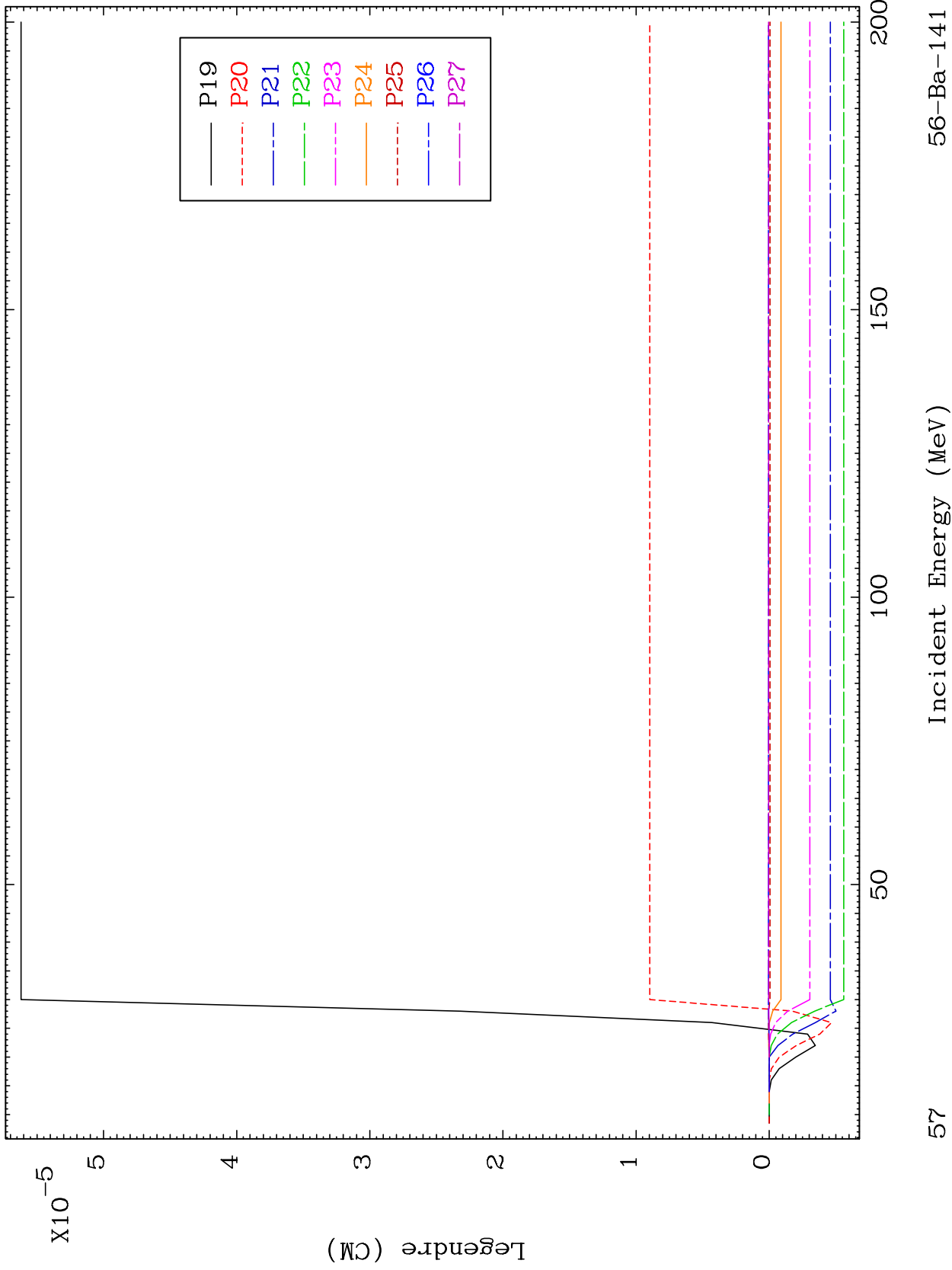
56-Ba-141



56-Ba-141

Incident Energy (MeV)

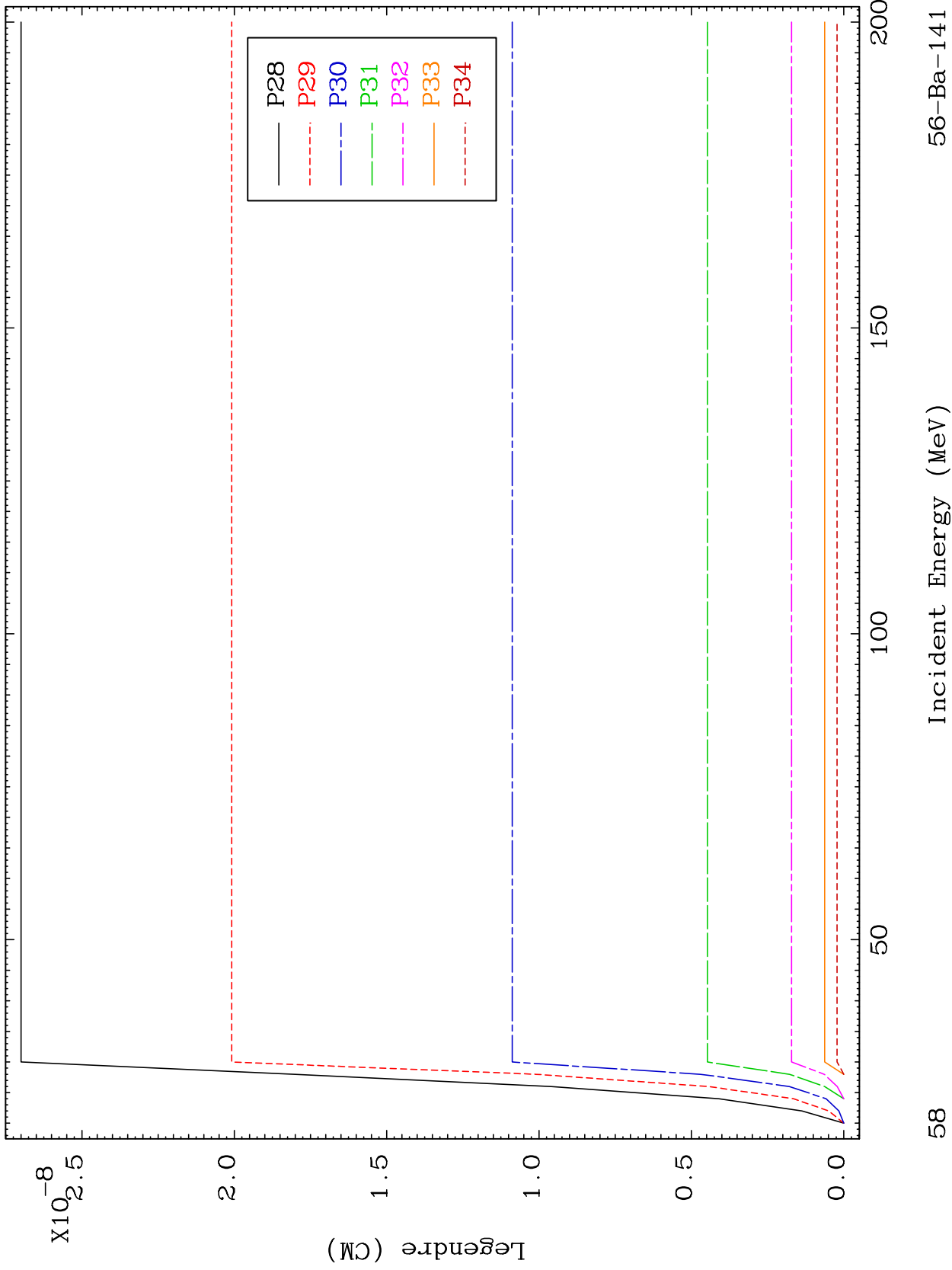
56



MAT 5658

1.187 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



58

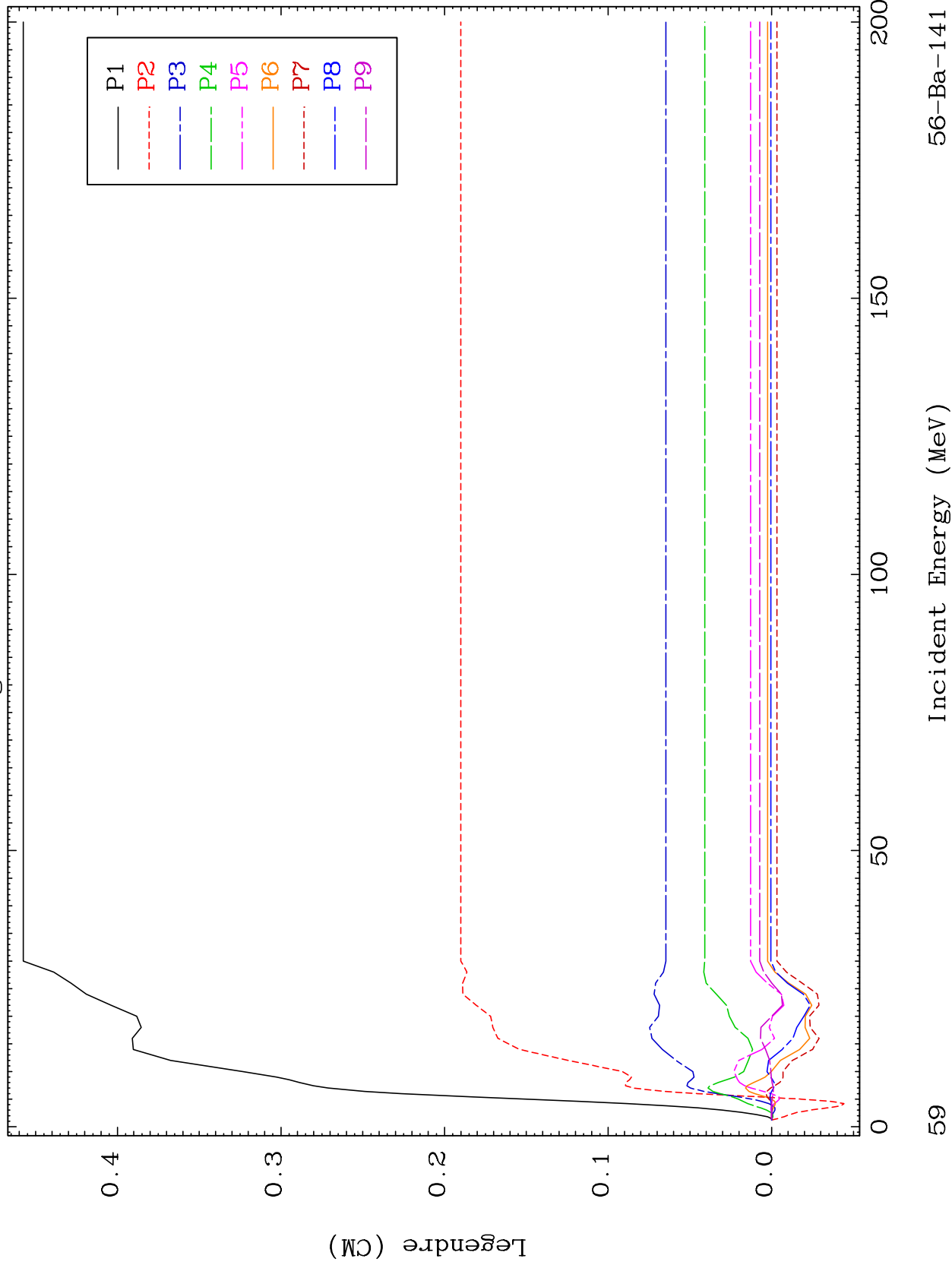
Incident Energy (MeV)

56-Ba-141

MAT 5658

1.195 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



56-Ba-141

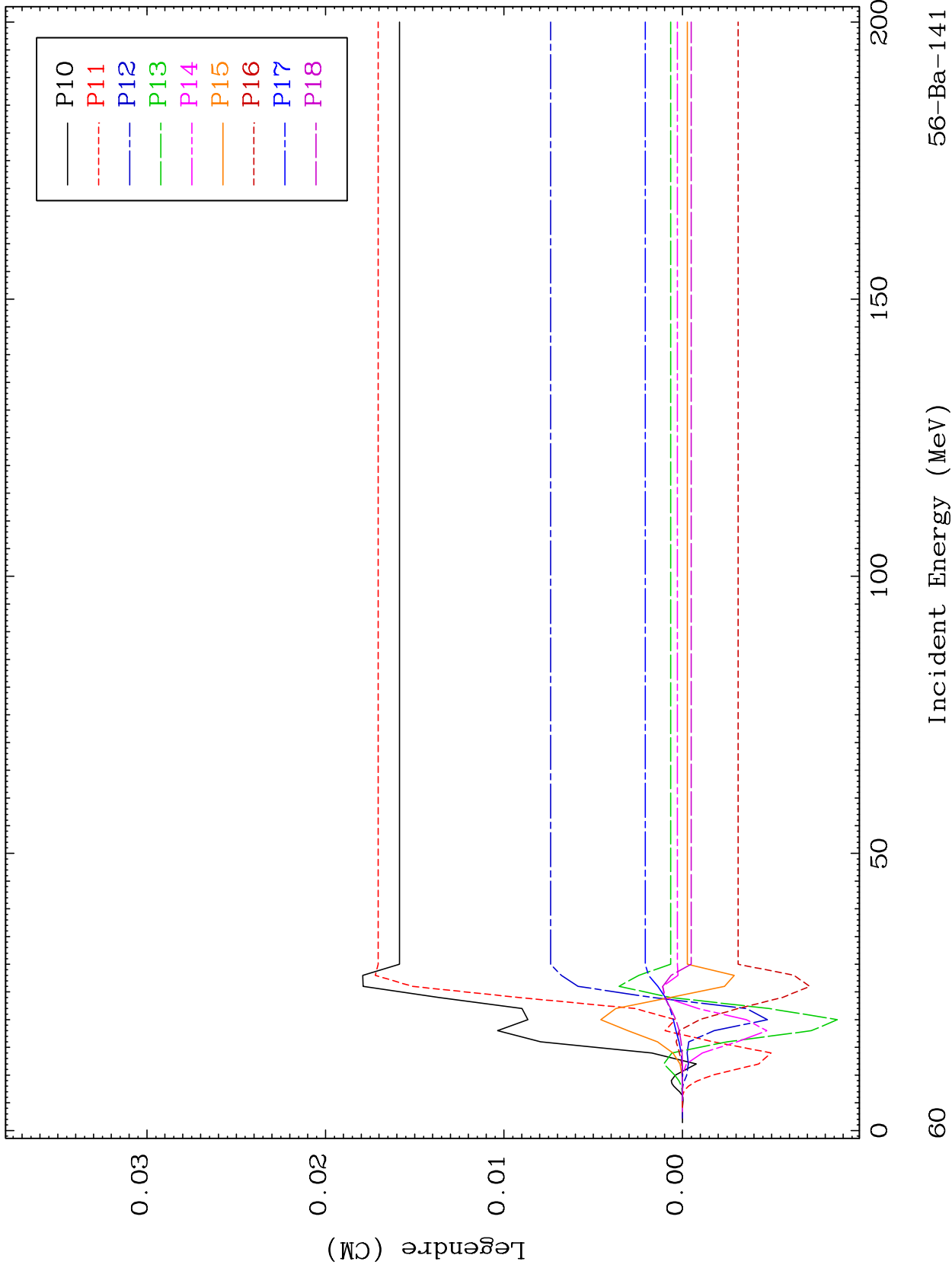
Incident Energy (MeV)

59

MAT 5658

1.195 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



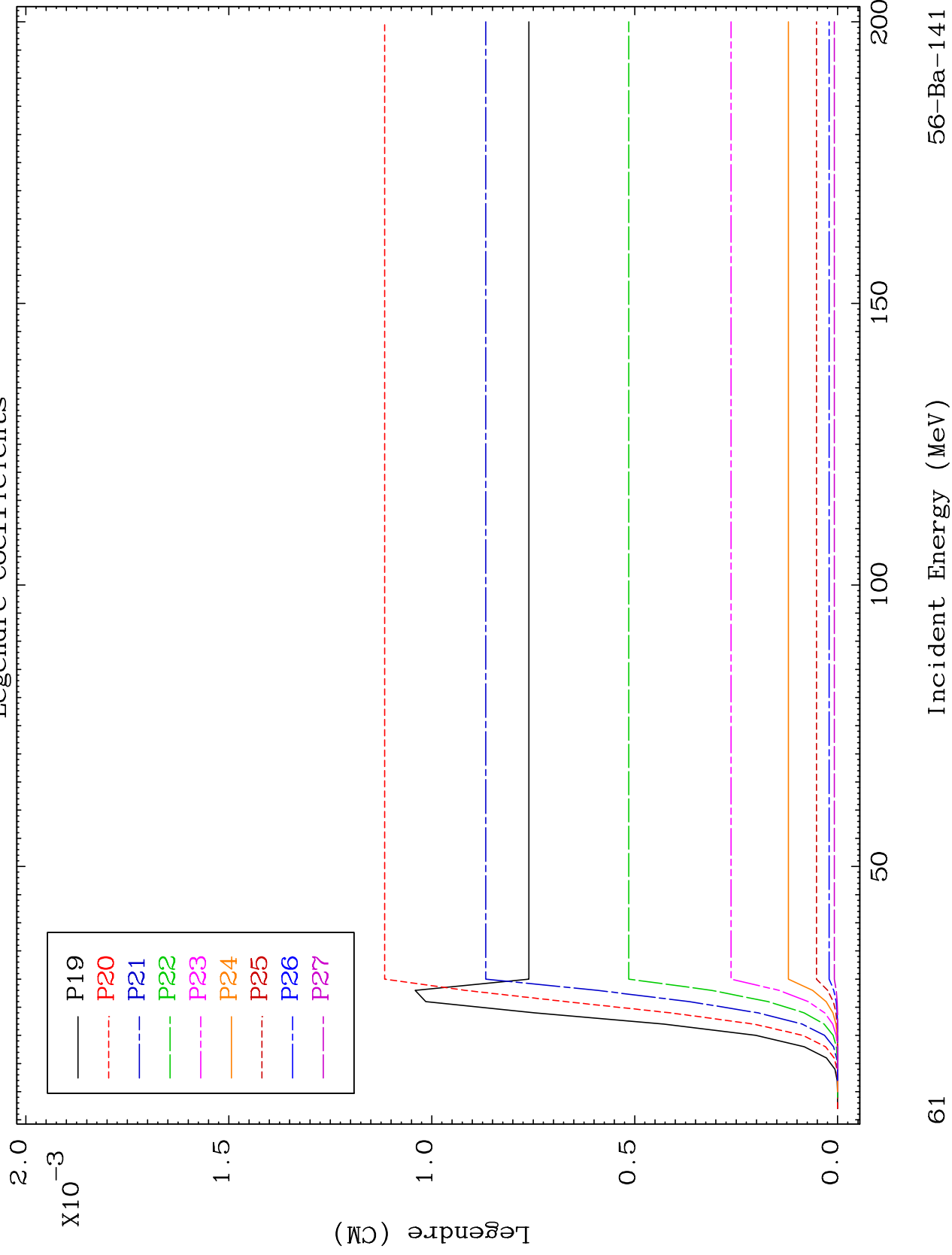
56-Ba-141

Incident Energy (MeV)

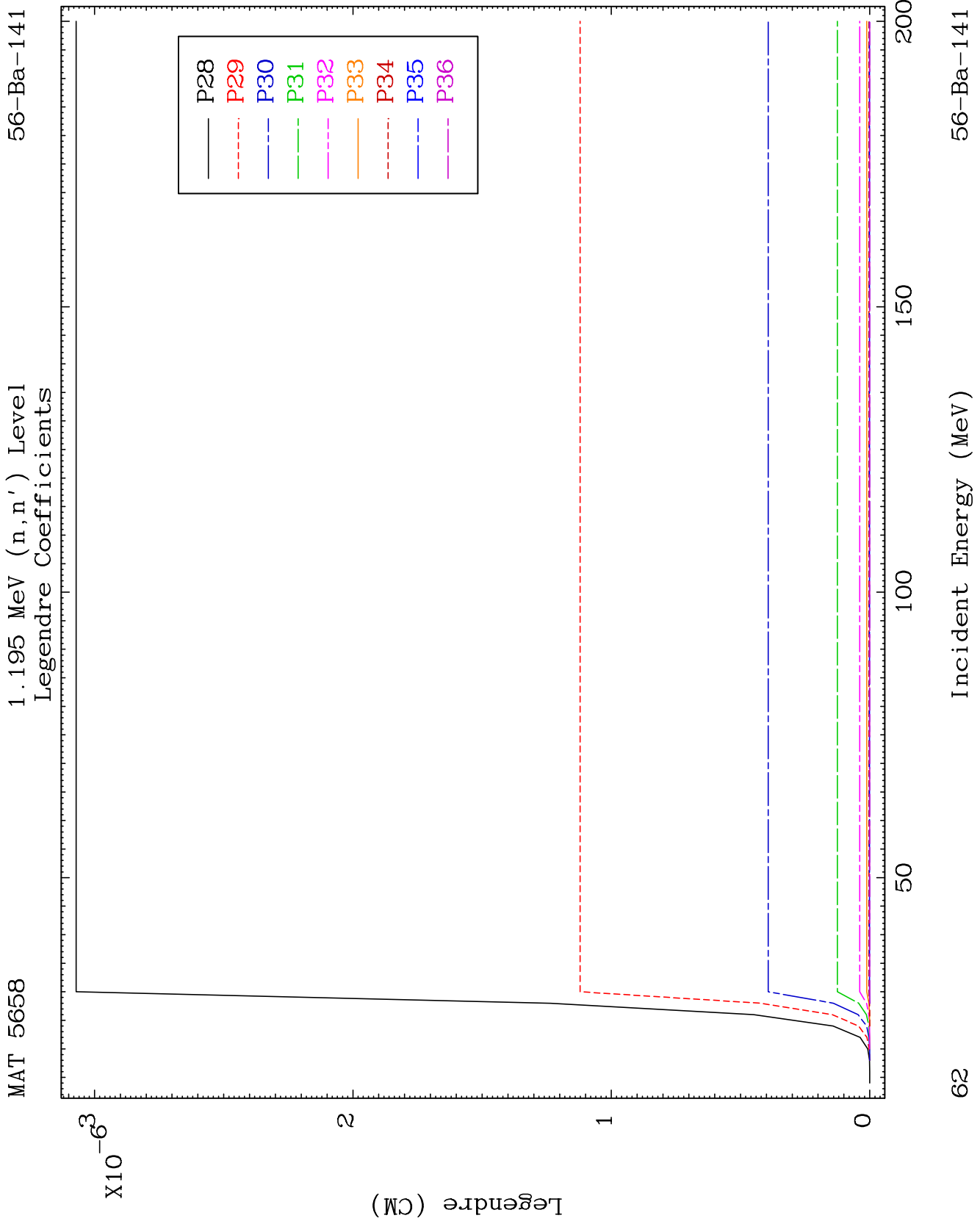
MAT 5658

1.195 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



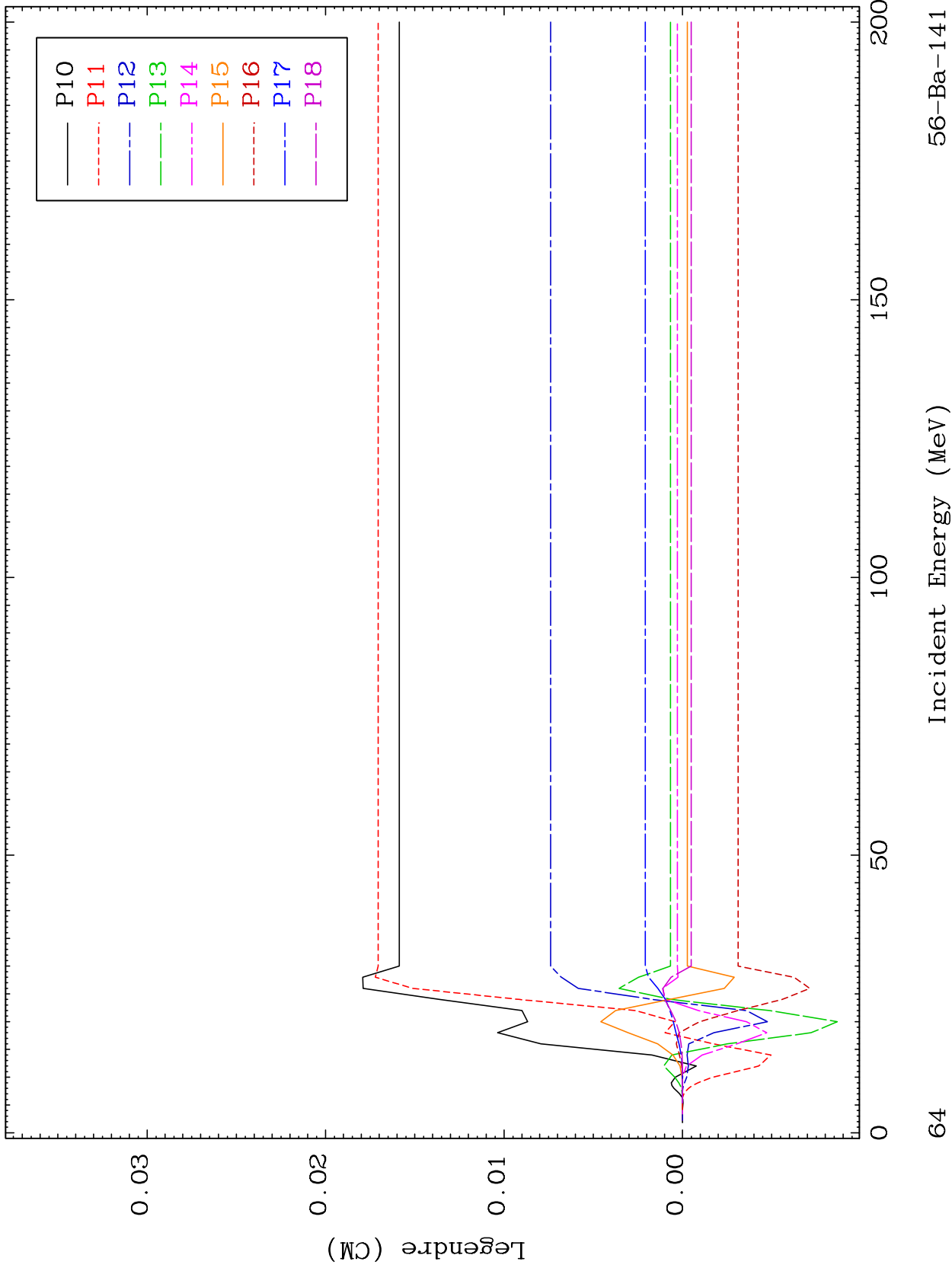
61



MAT 5658

1.202 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



56-Ba-141

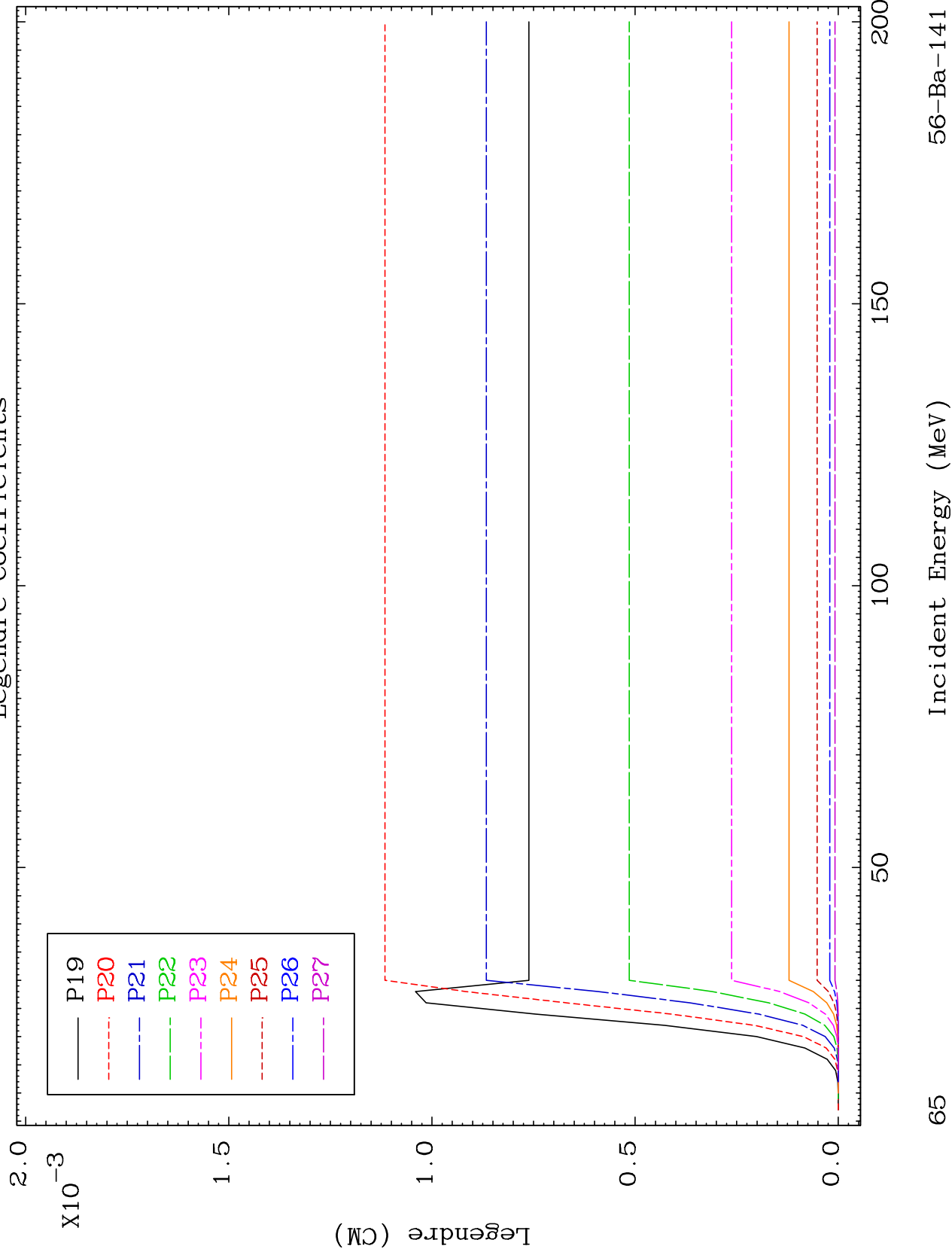
Incident Energy (MeV)

64

MAT 5658

1.202 MeV (n, n') Level
Legendre Coefficients

56-Ba-141



65

56-Ba-141

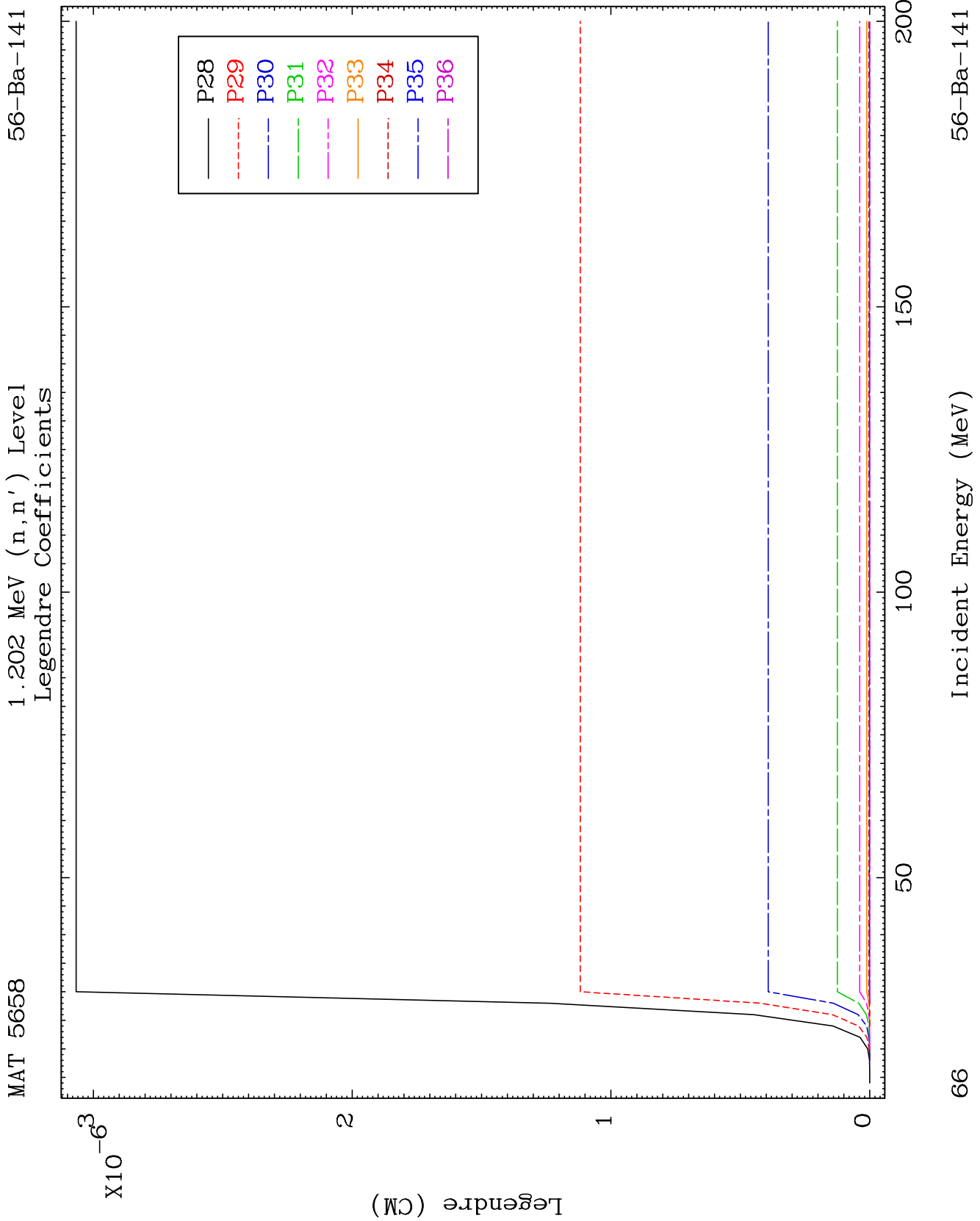
Incident Energy (MeV)

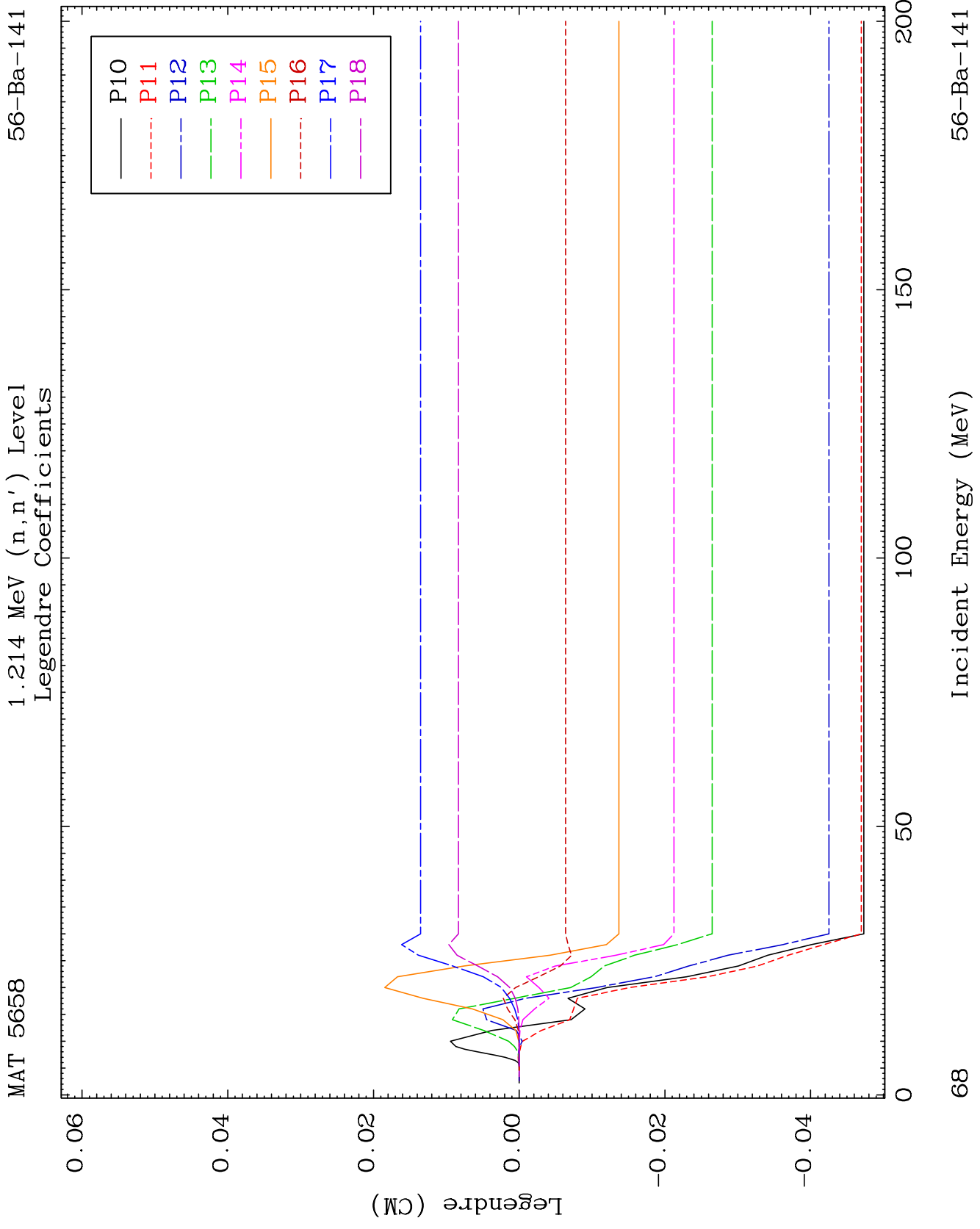
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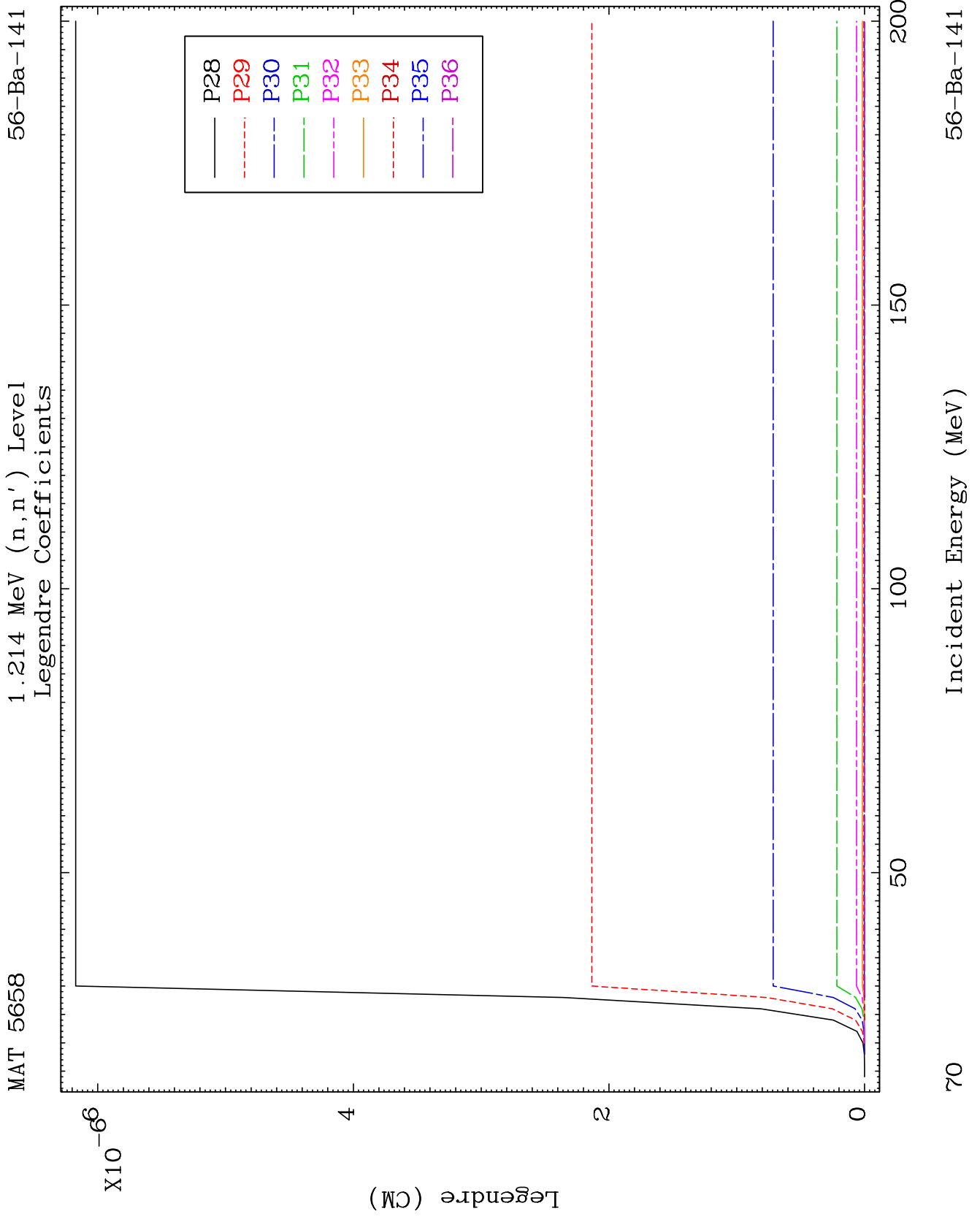
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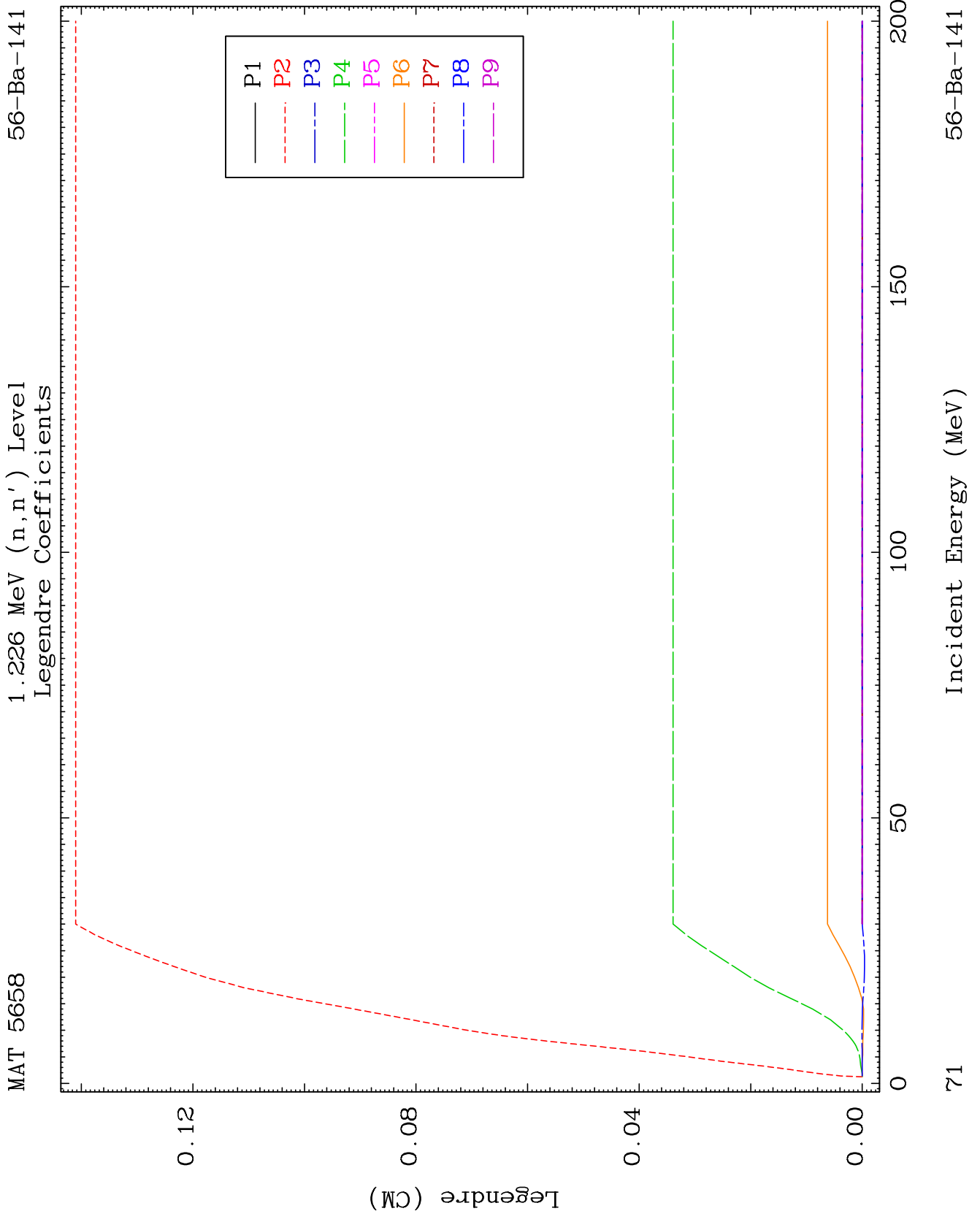
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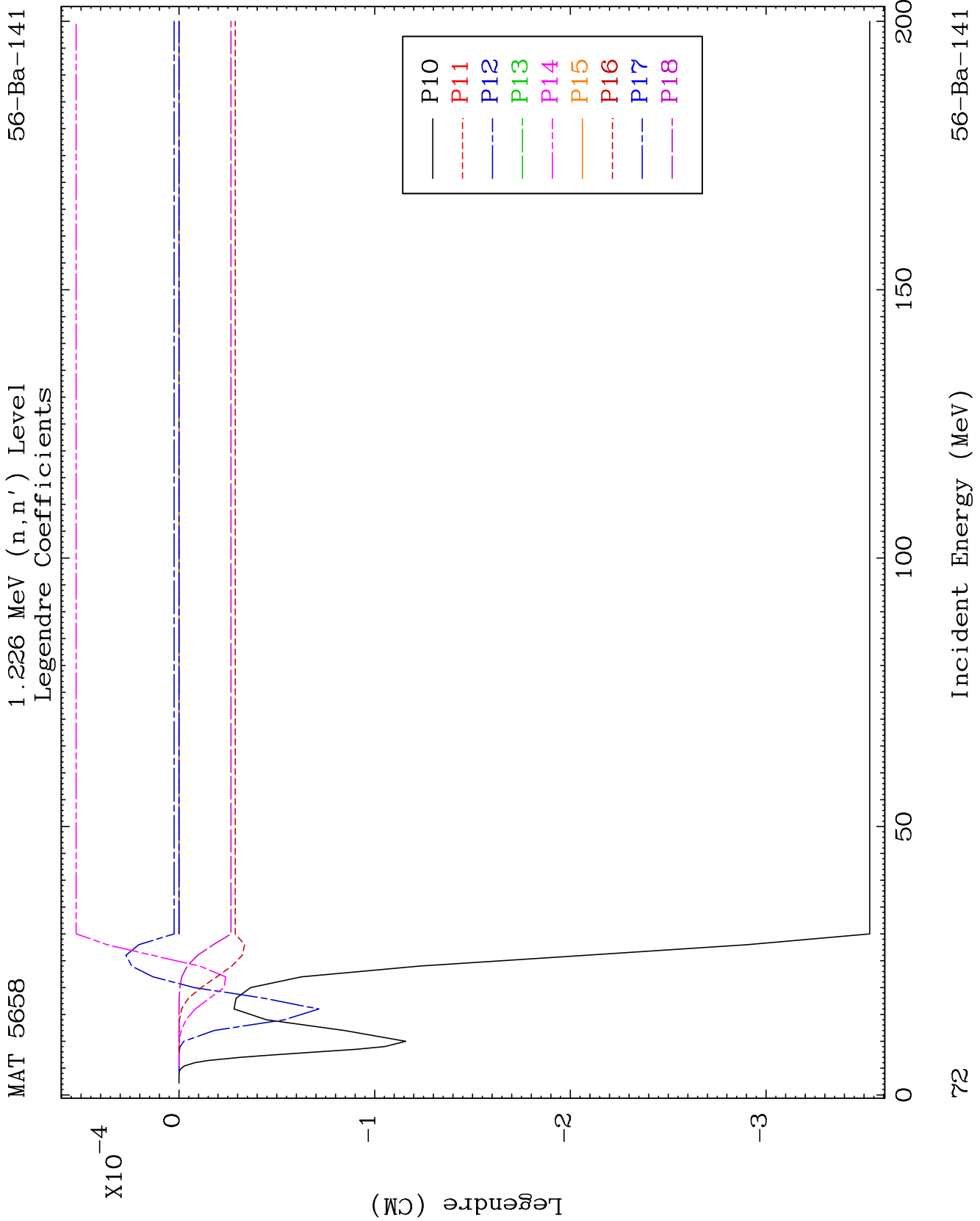
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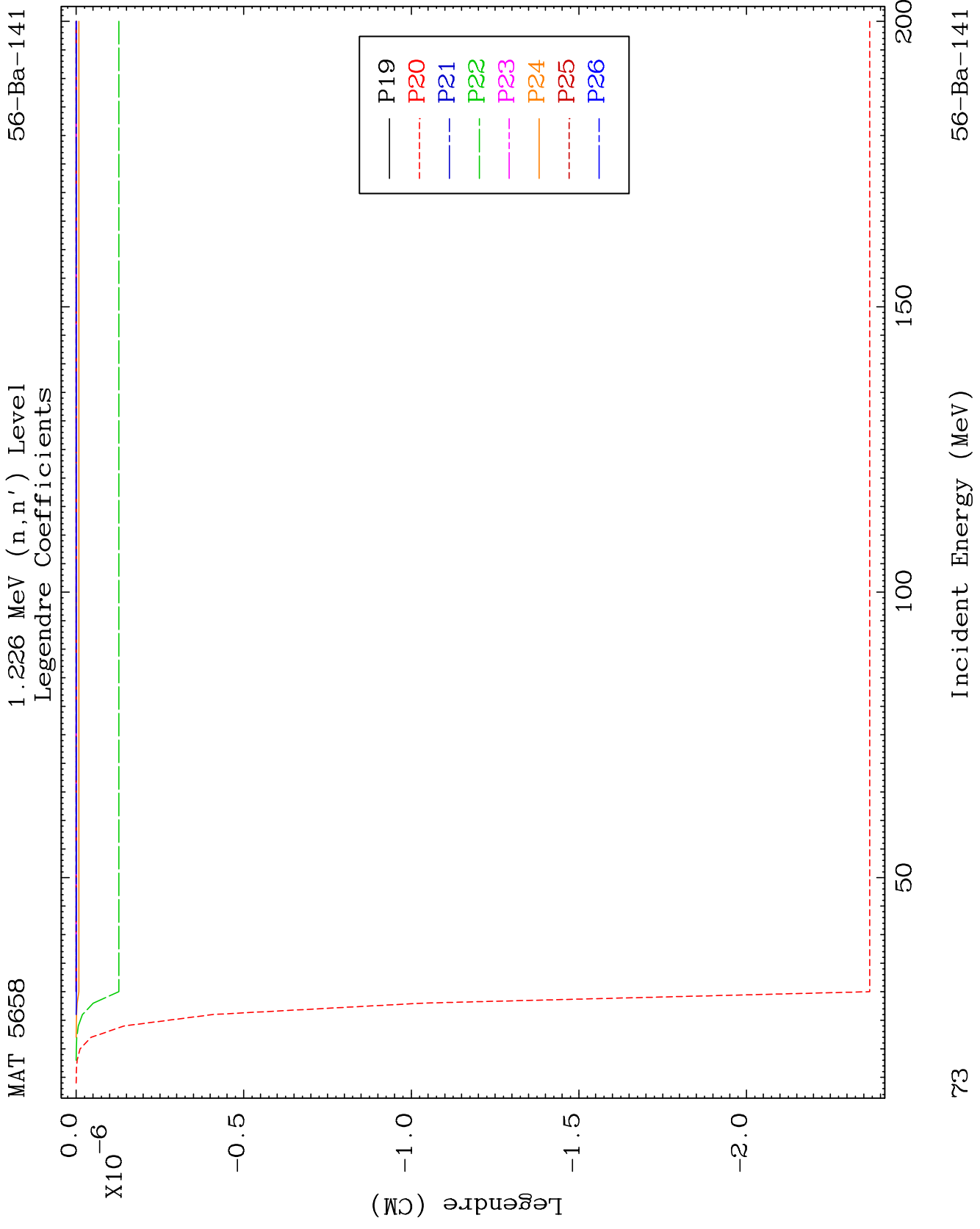


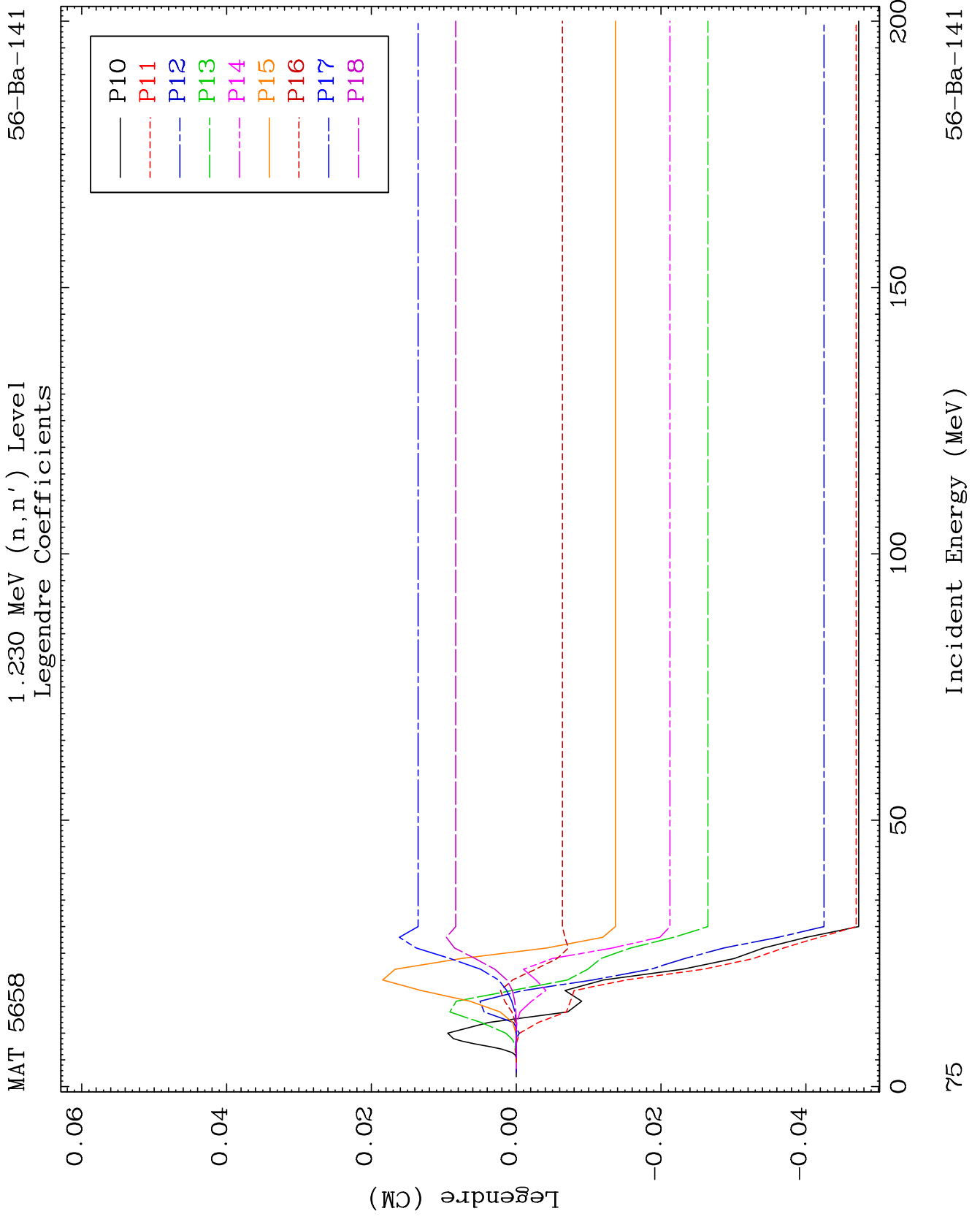


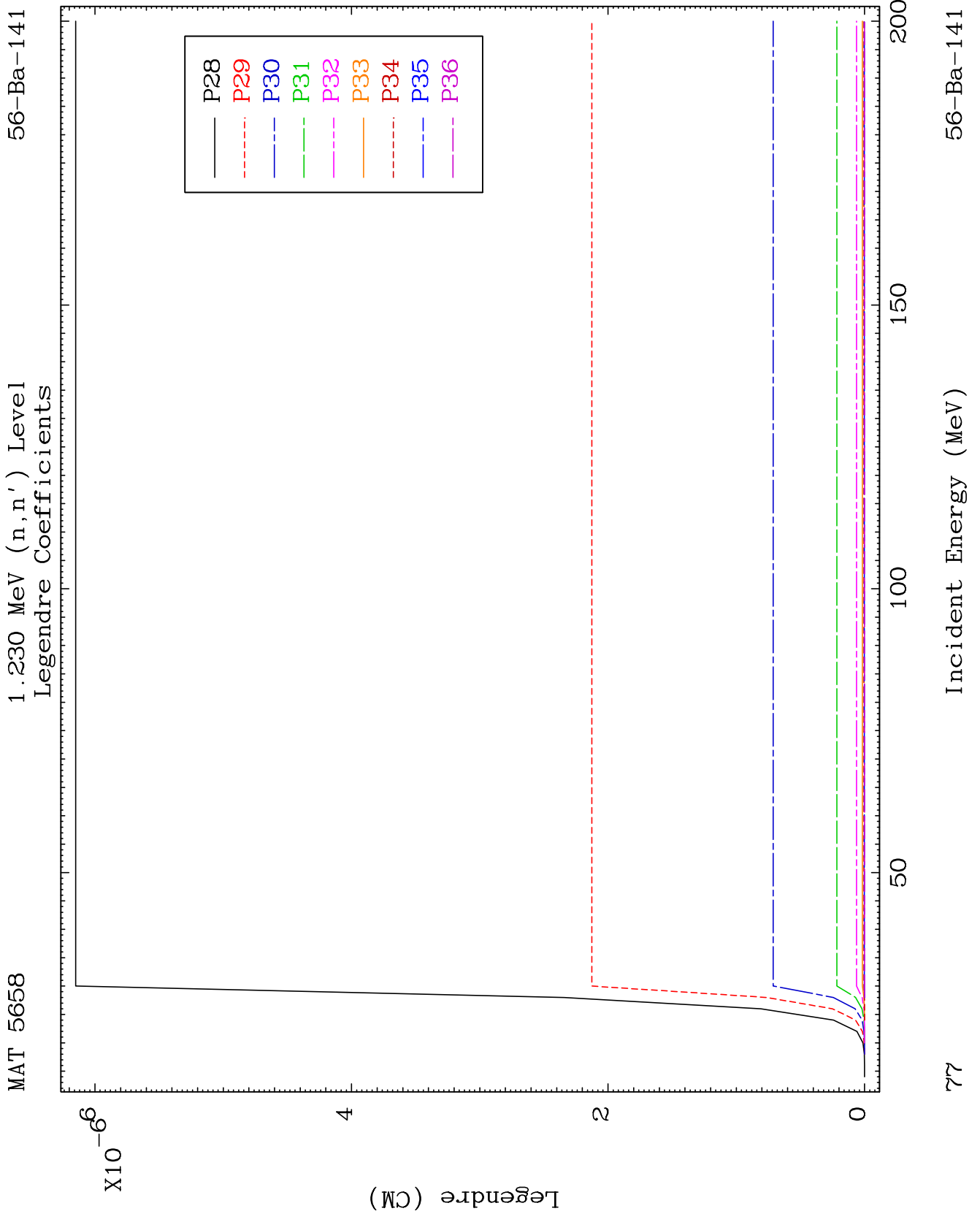








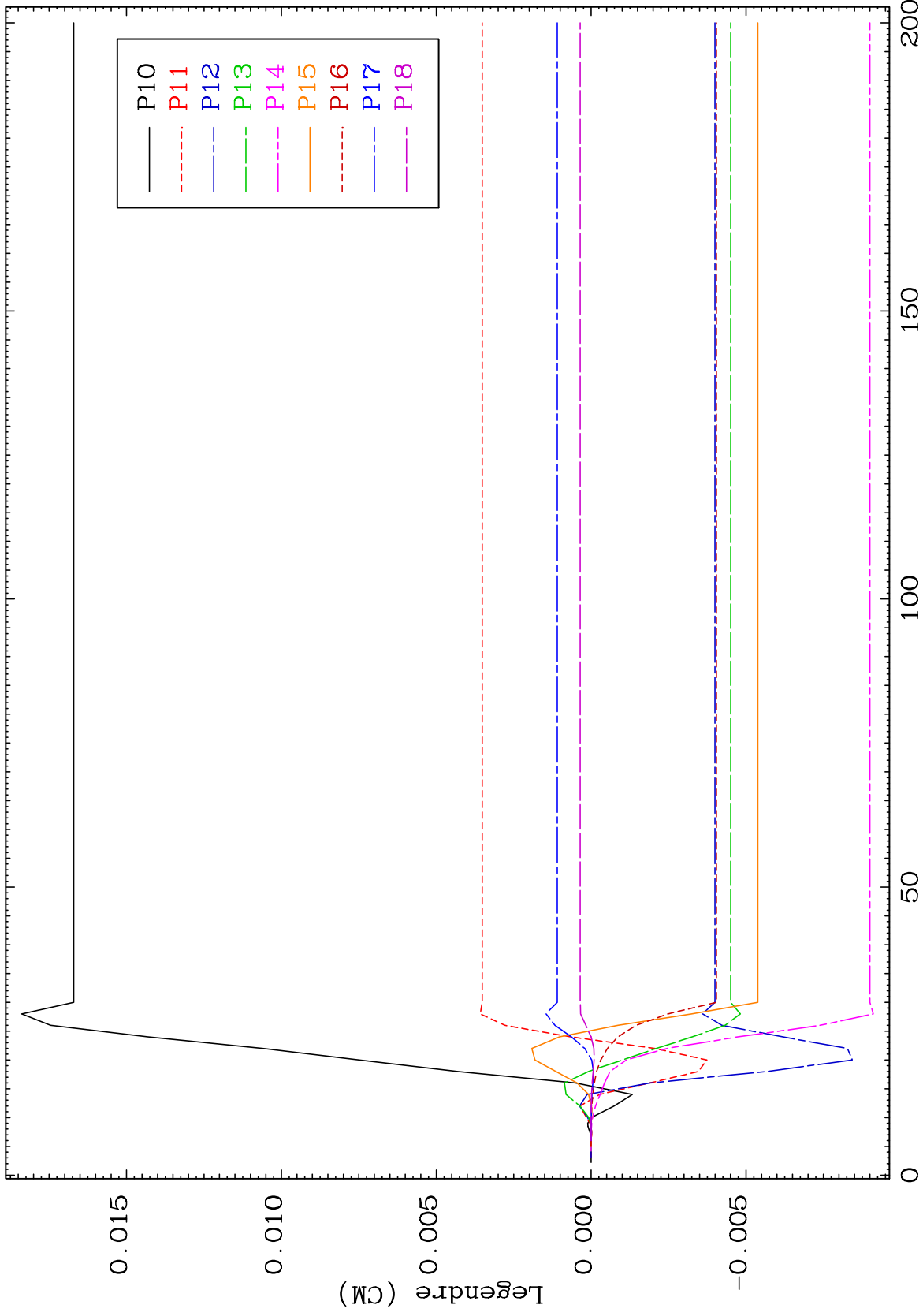




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1.232 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



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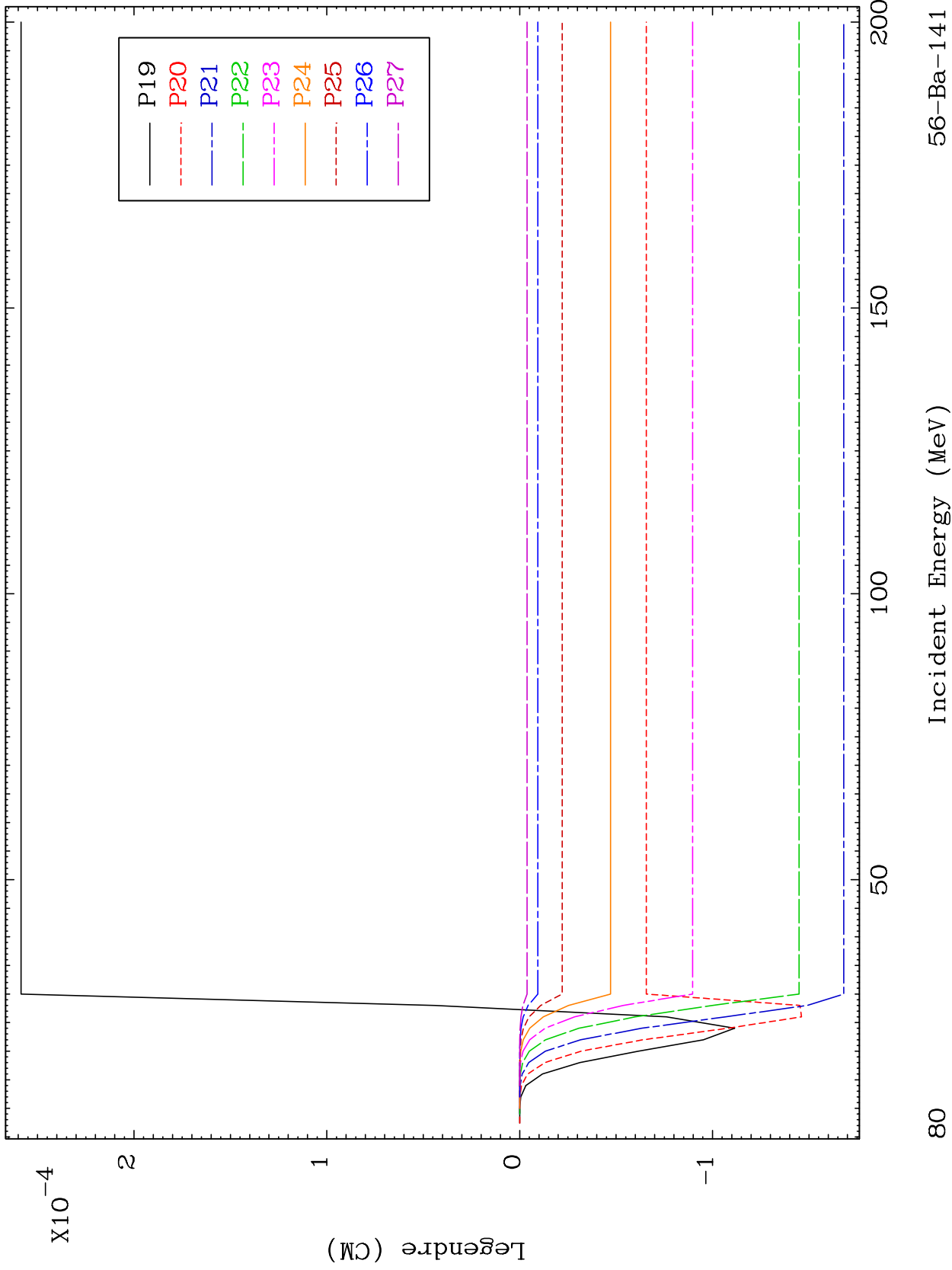
Incident Energy (MeV)

56-Ba-141

MAT 5658

1.232 MeV (n,n') Level
Legendre Coefficients

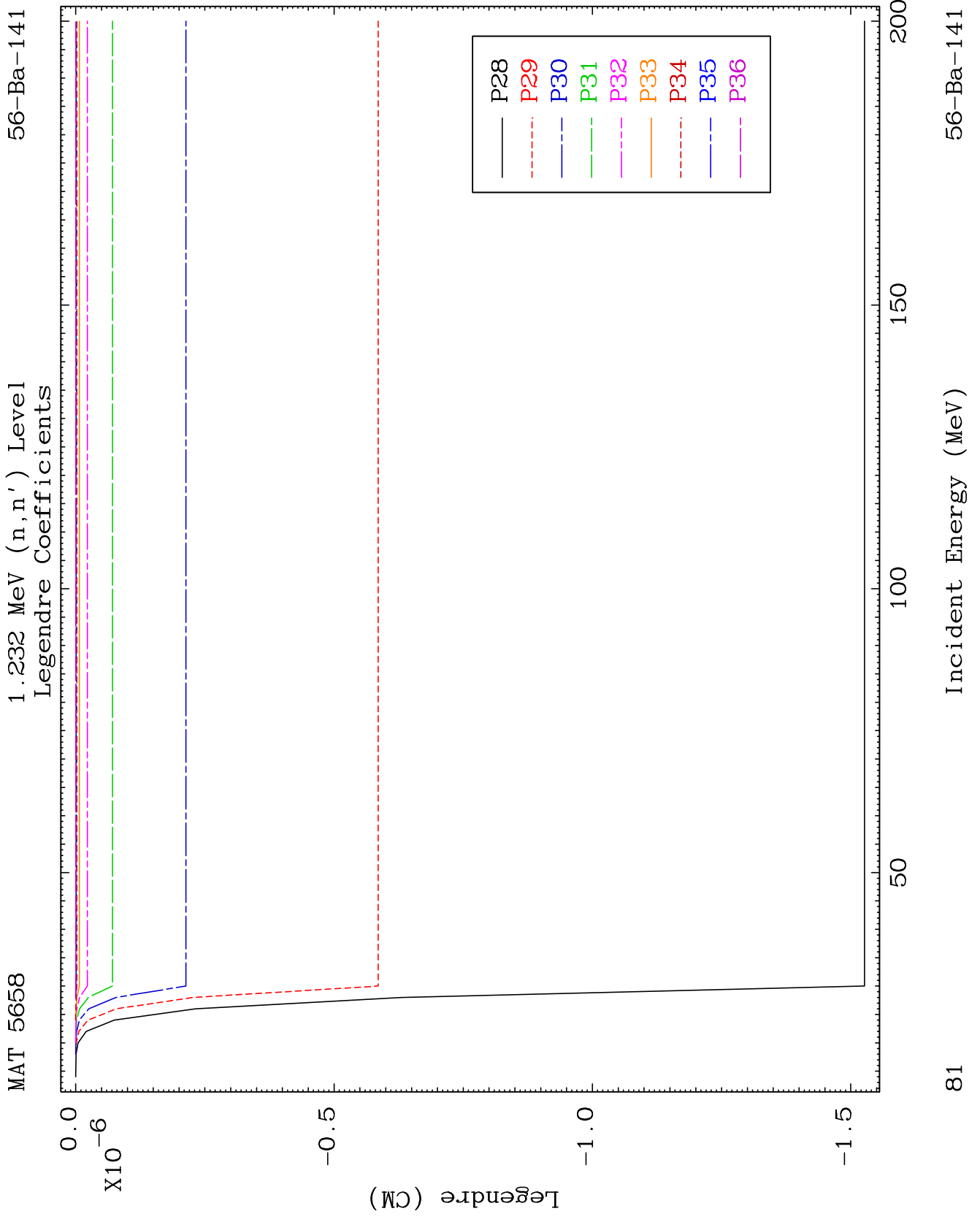
56-Ba-141

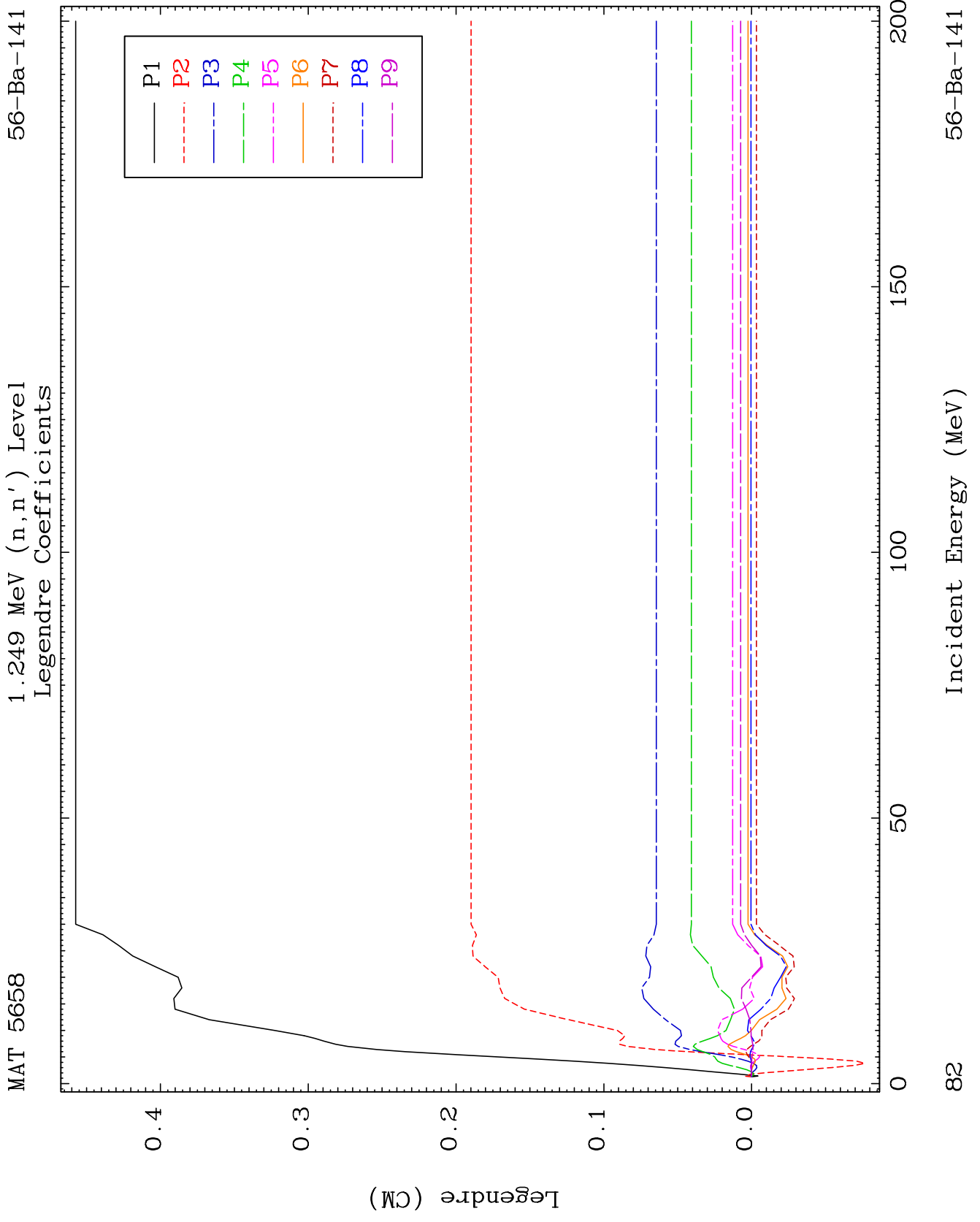


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Incident Energy (MeV)

56-Ba-141

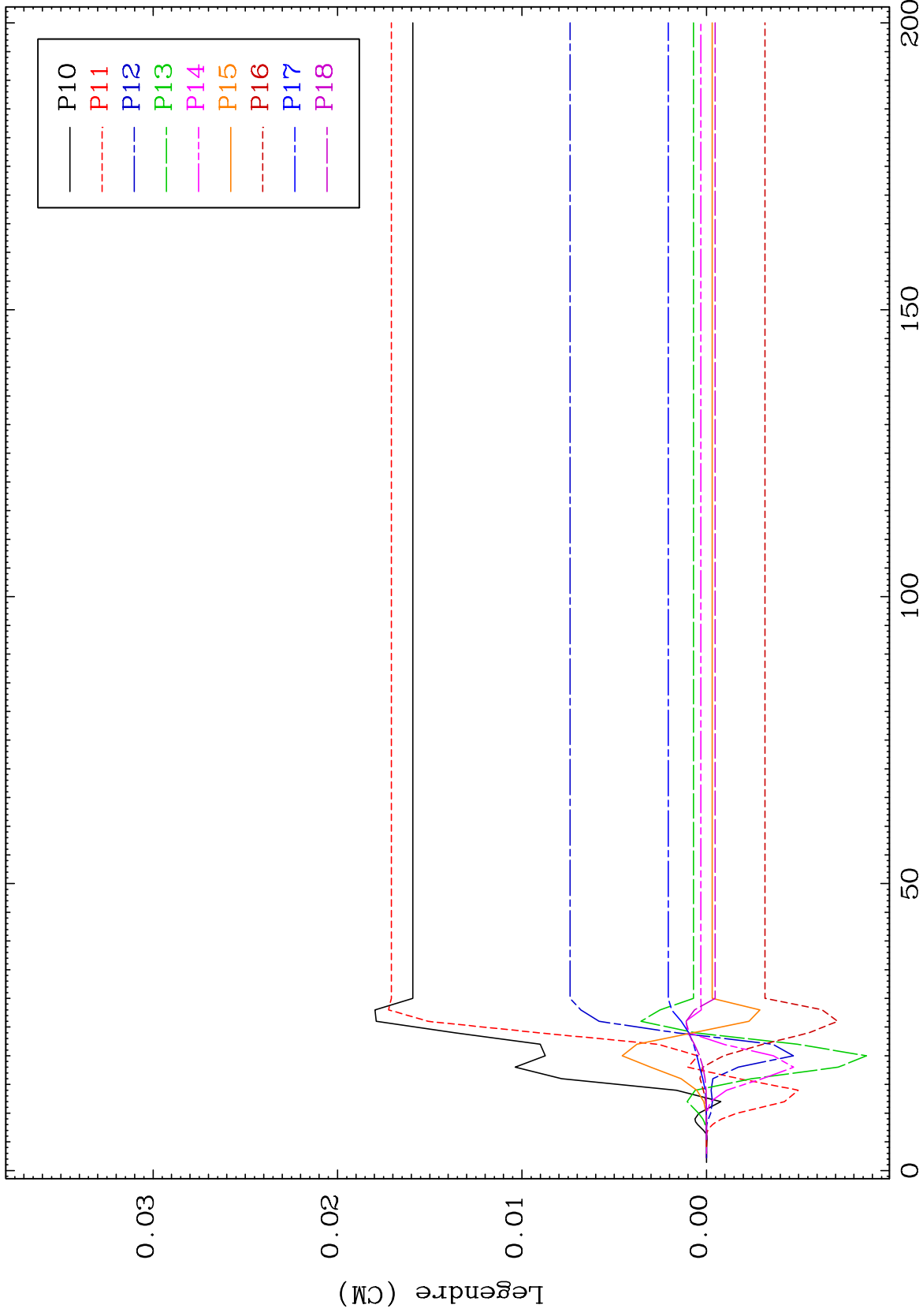




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1.249 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



83

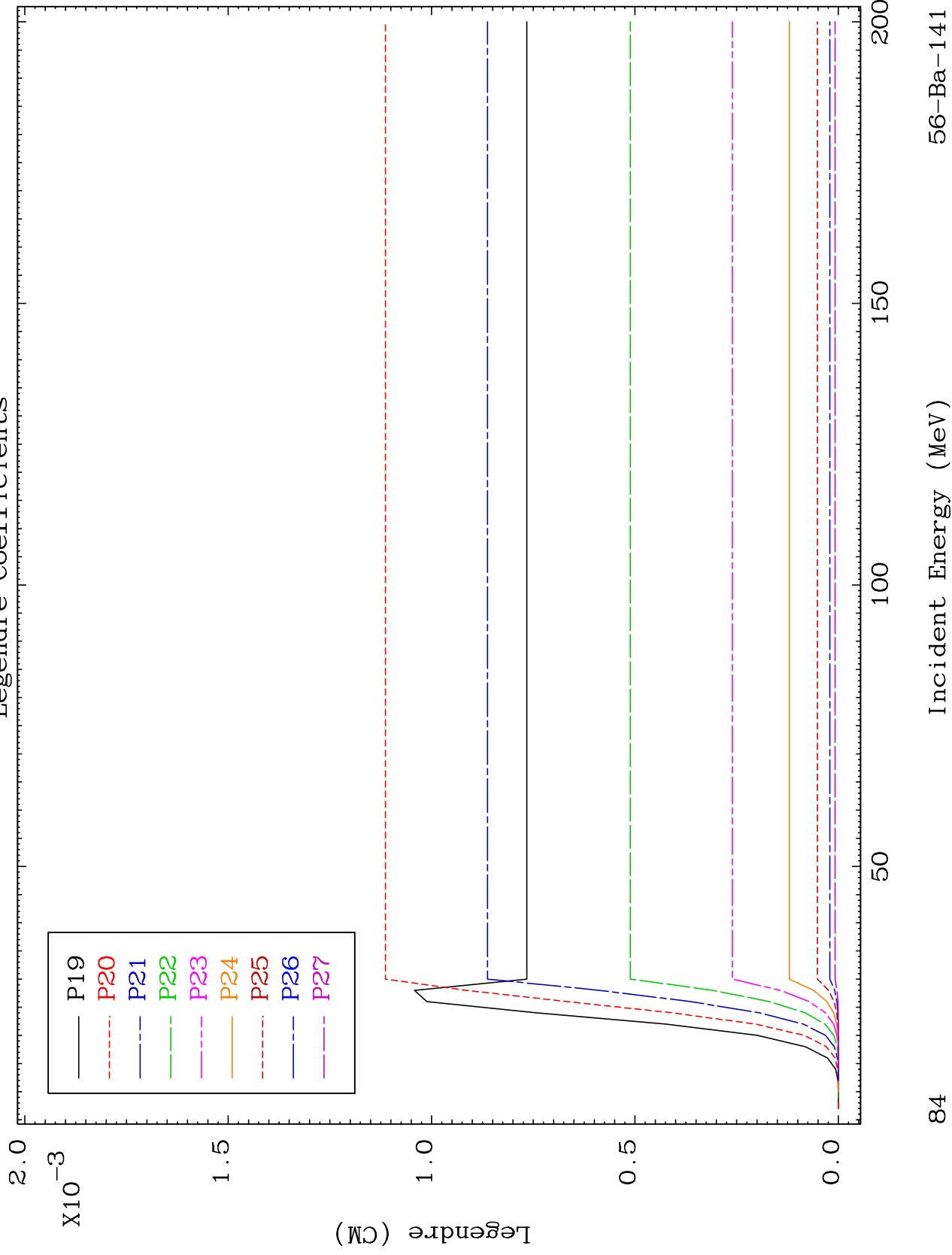
Incident Energy (MeV)

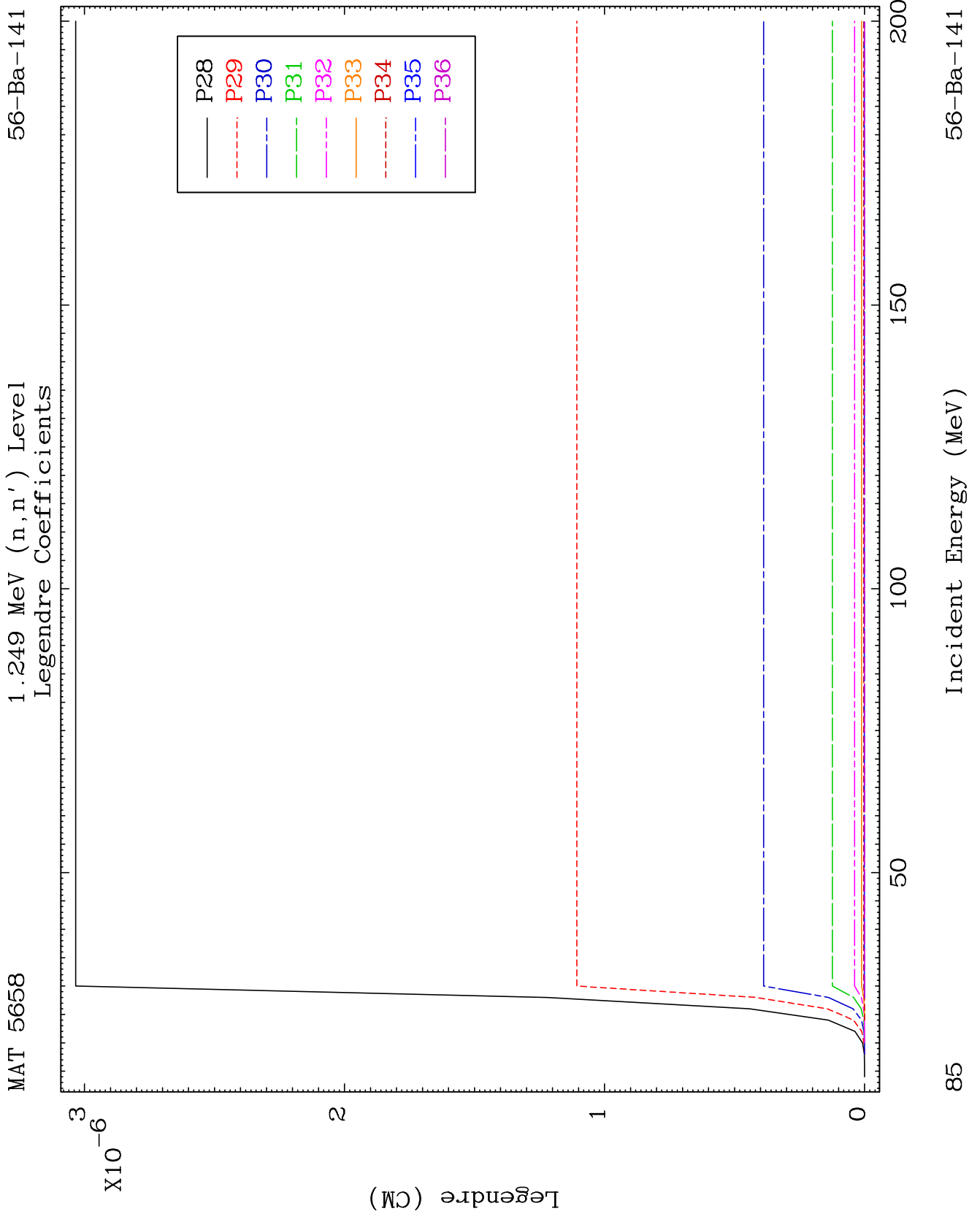
56-Ba-141

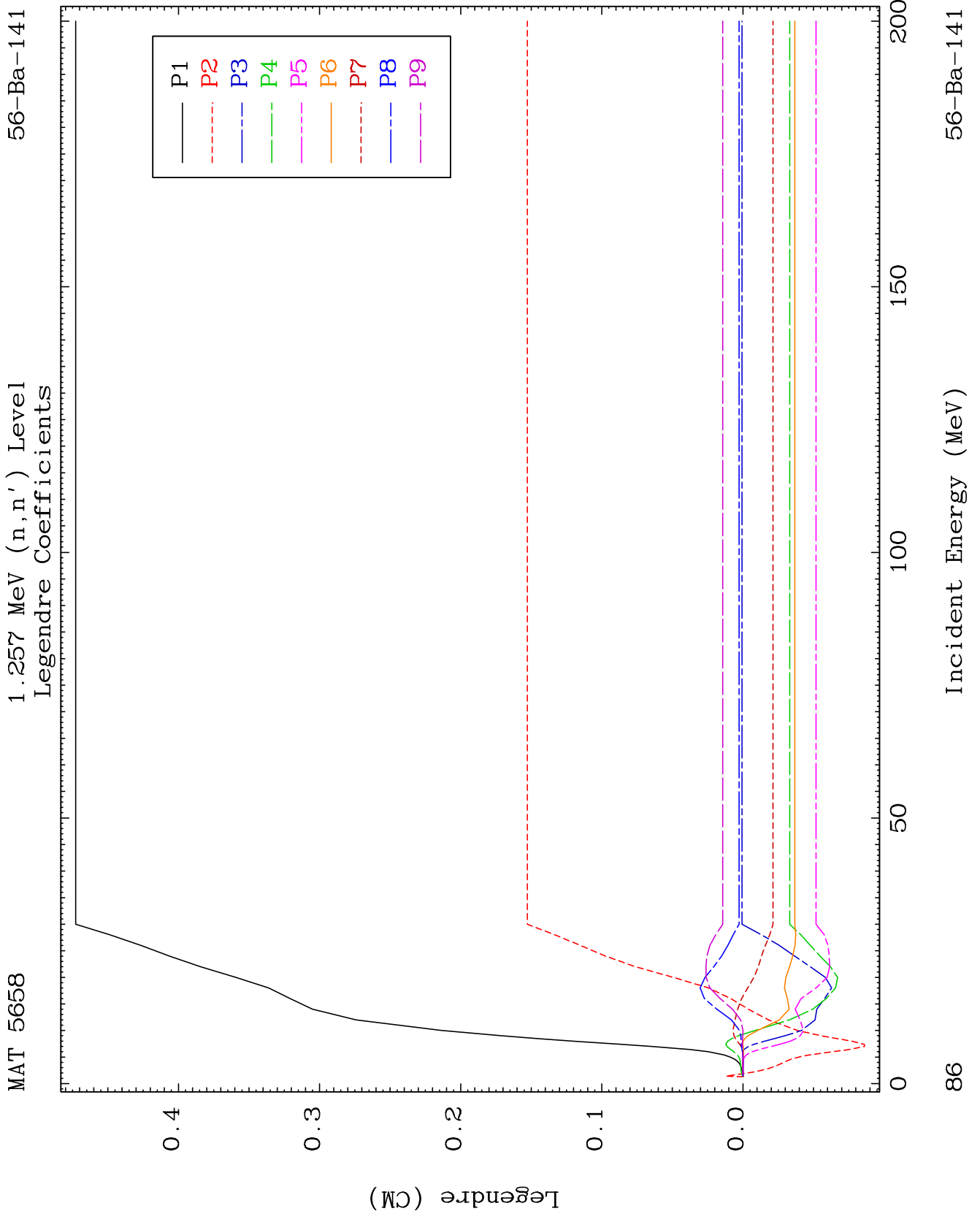
MAT 5658

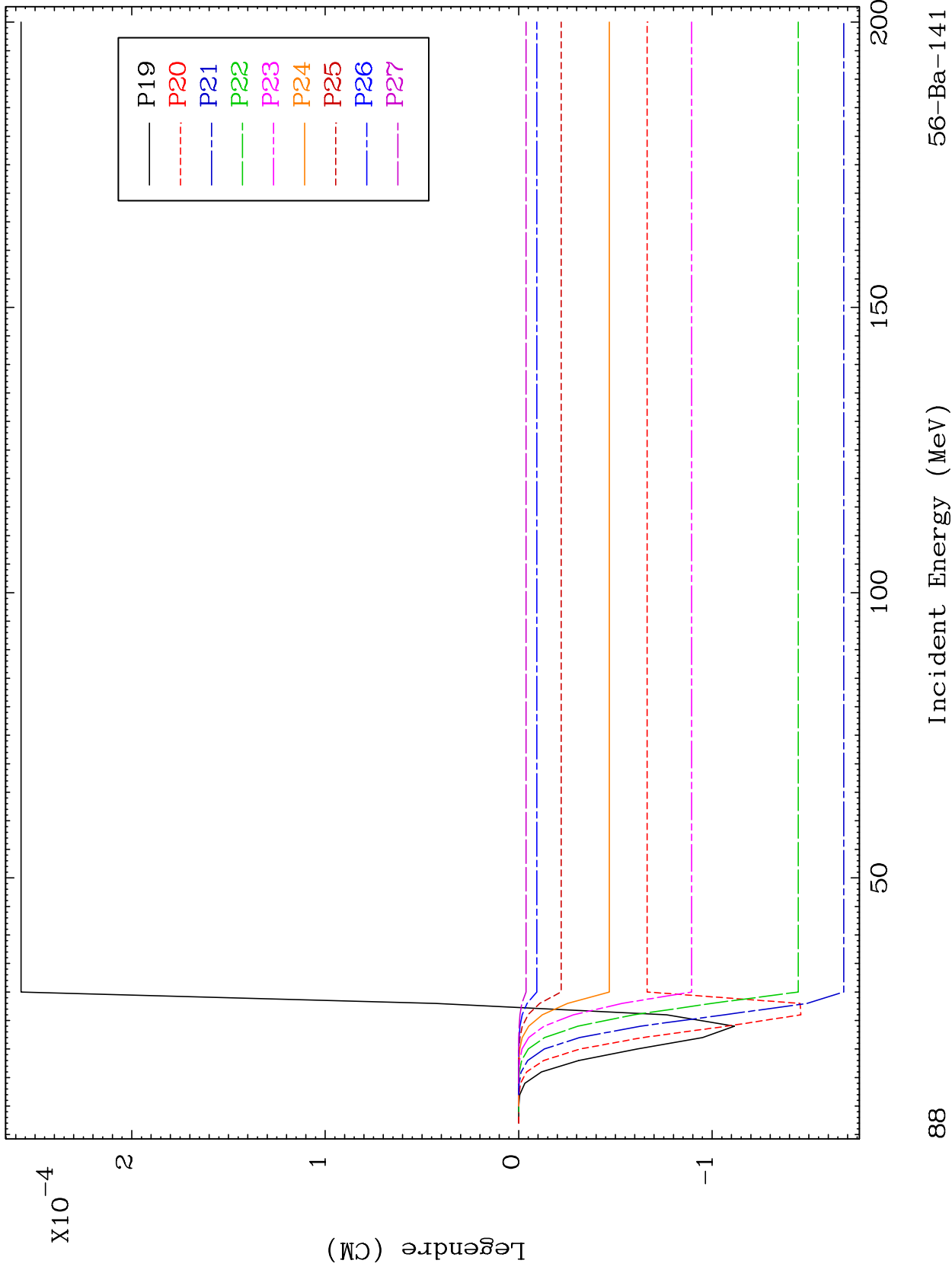
1.249 MeV (n,n') Level
Legendre Coefficients

56-Ba-141





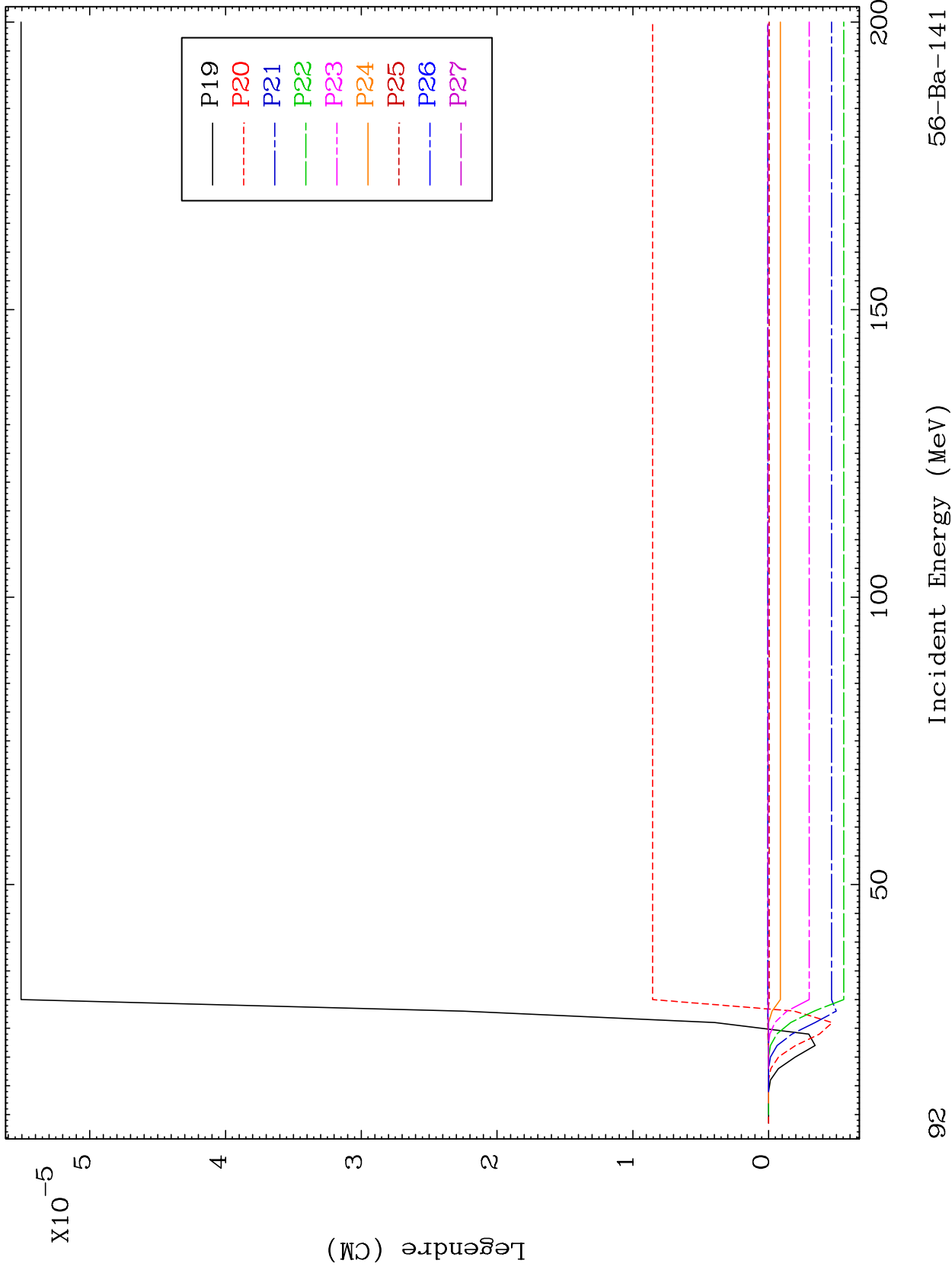




MAT 5658

1.302 MeV (n,n') Level
Legendre Coefficients

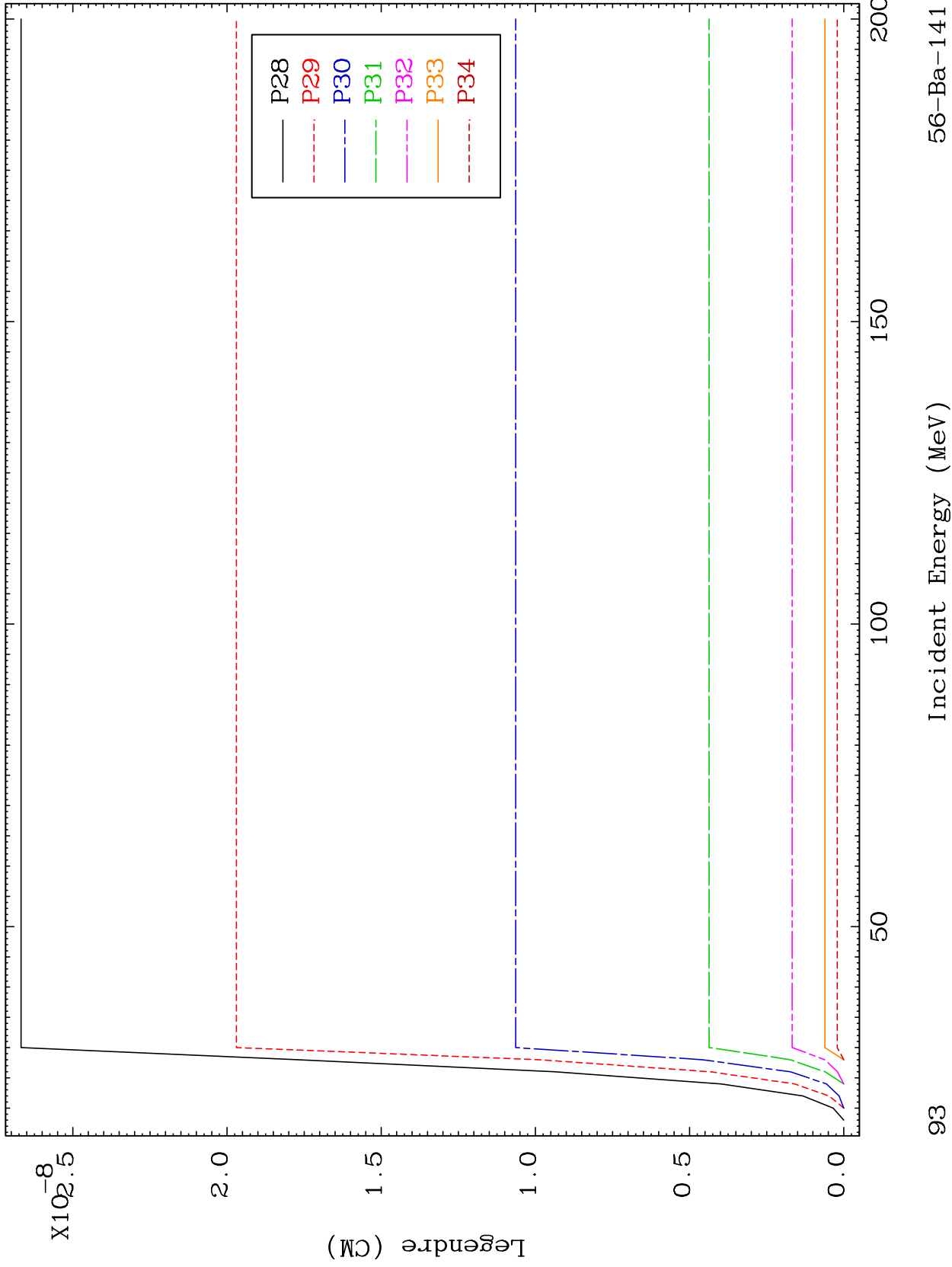
56-Ba-141



MAT 5658

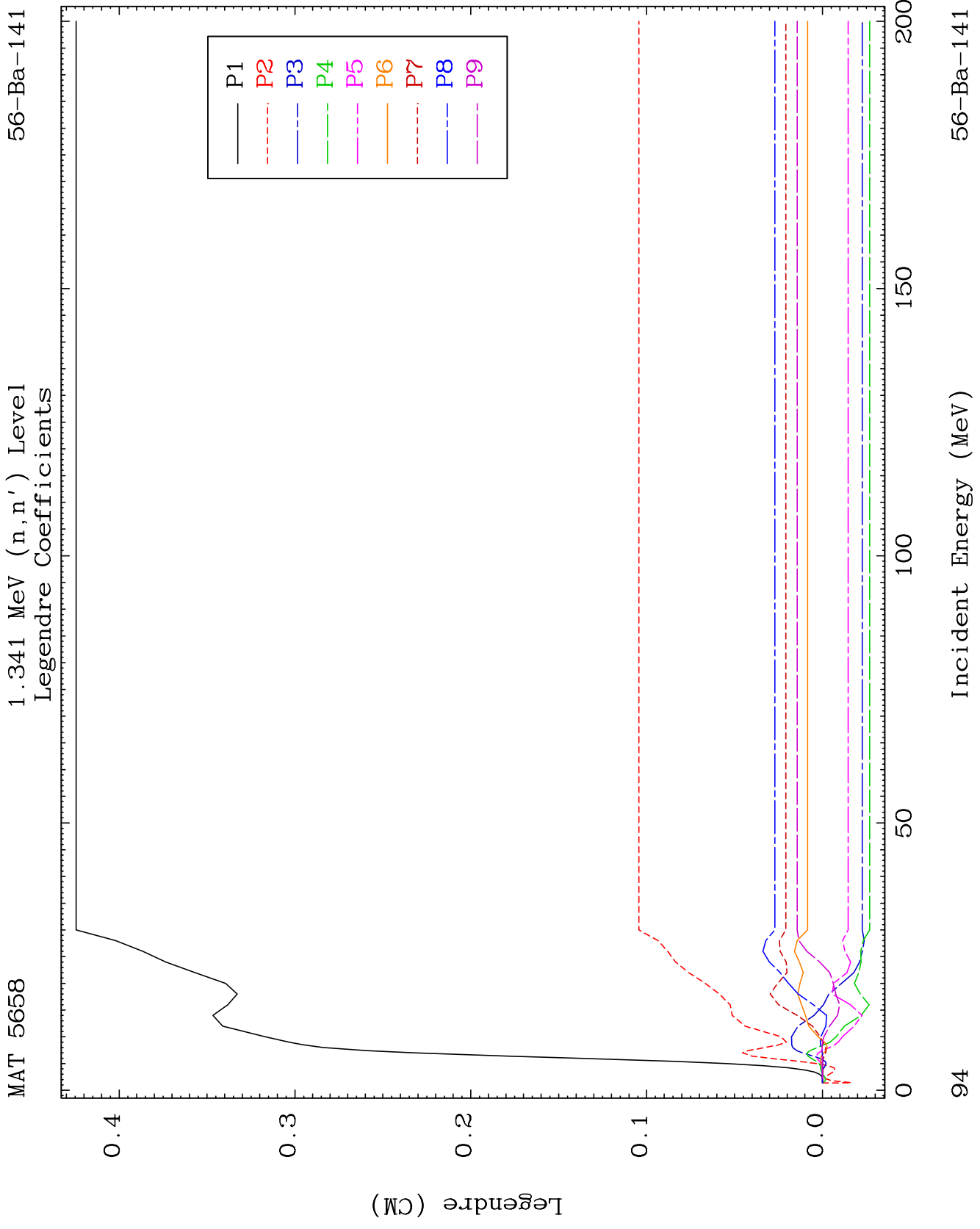
1.302 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



93

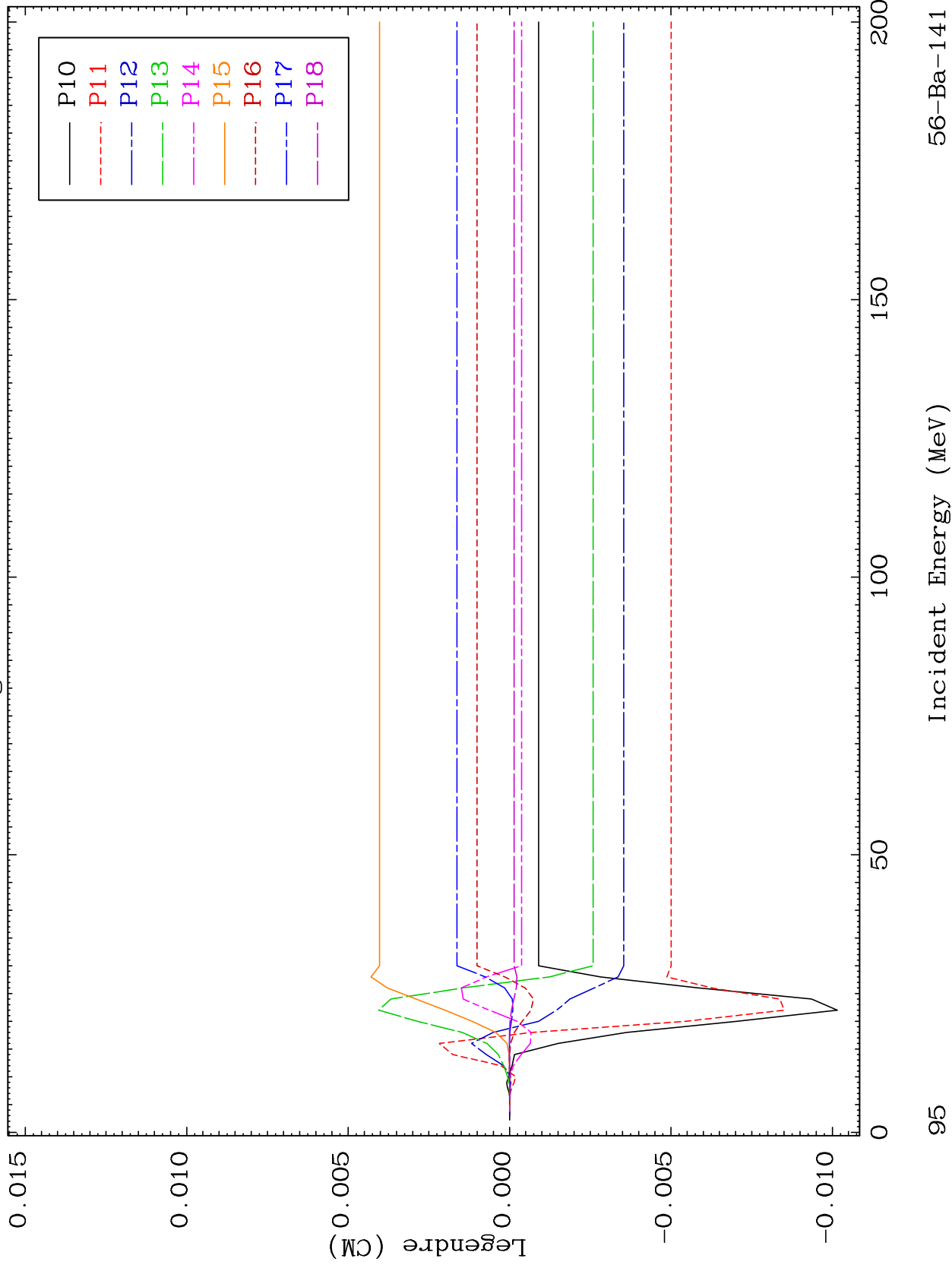
56-Ba-141



MAT 5658

1.341 MeV (n,n') Level
Legendre Coefficients

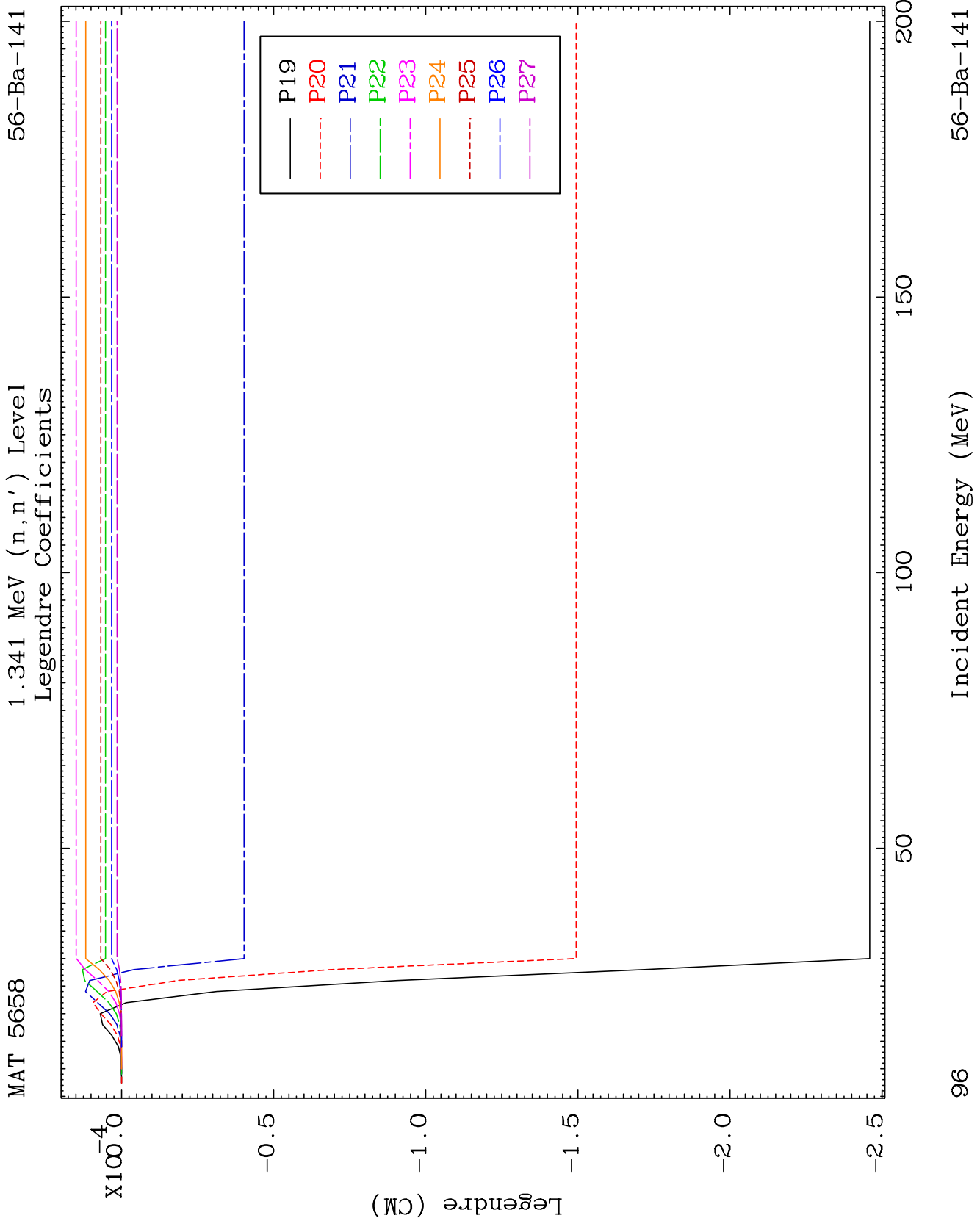
56-Ba-141

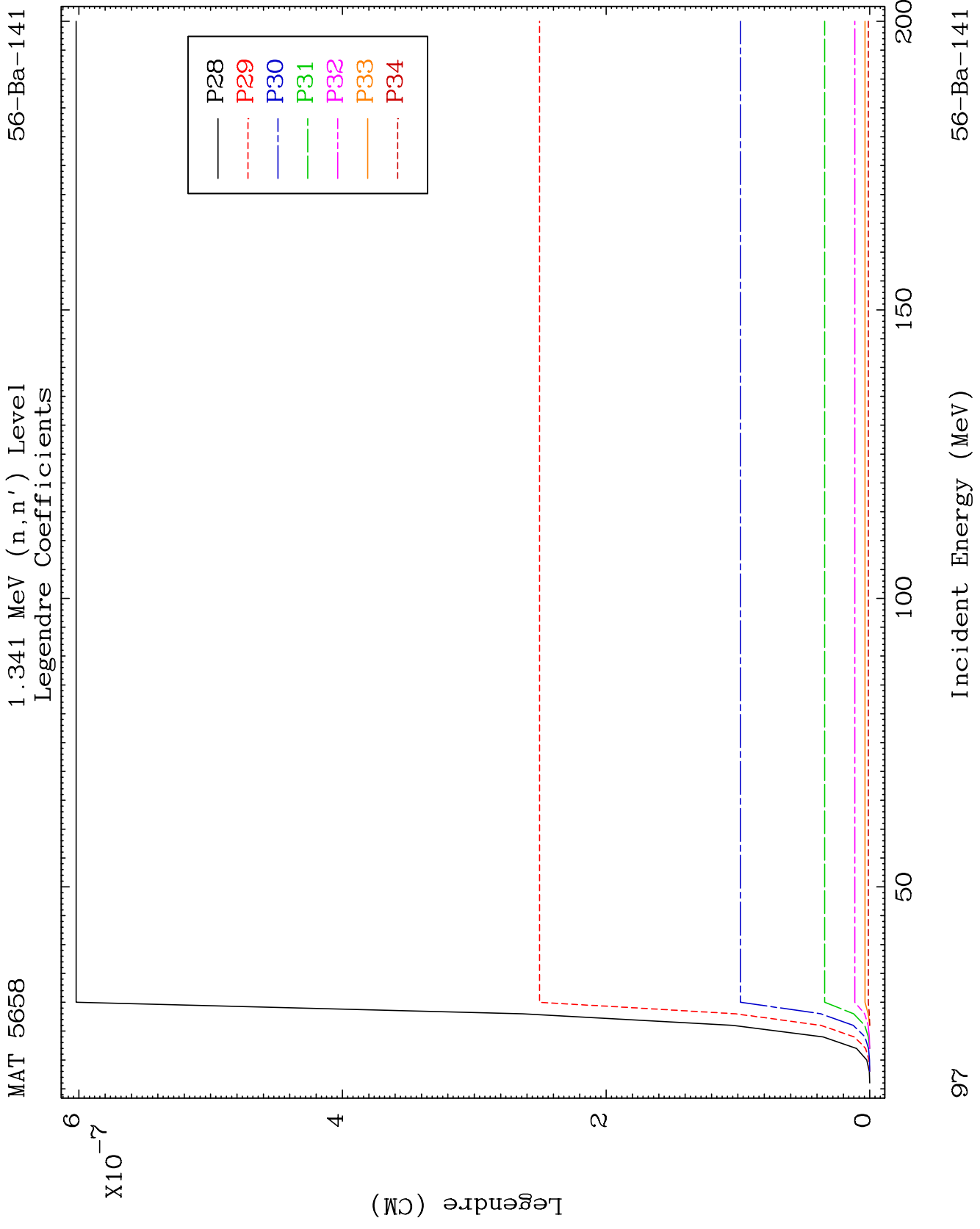


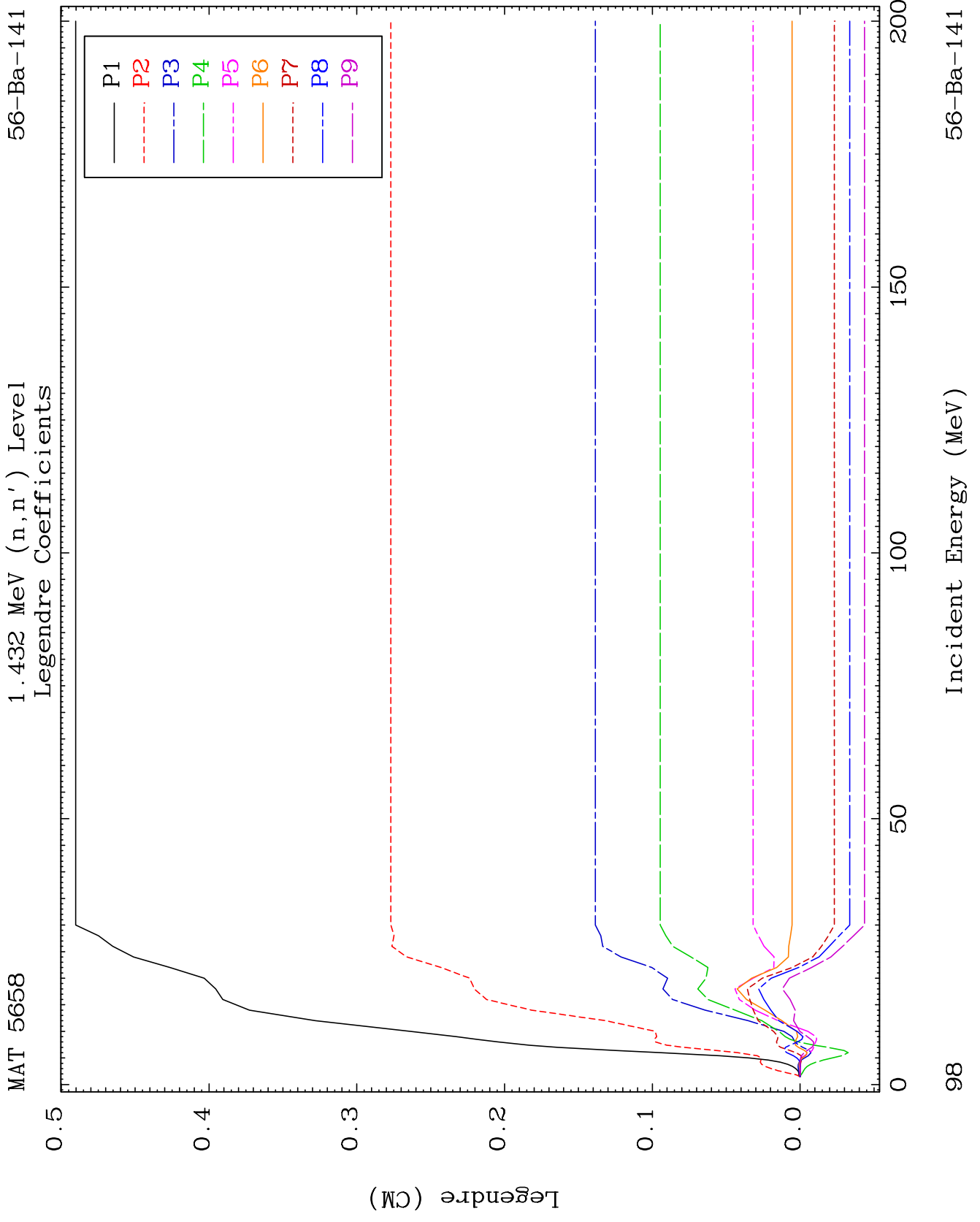
95

Incident Energy (MeV)

56-Ba-141



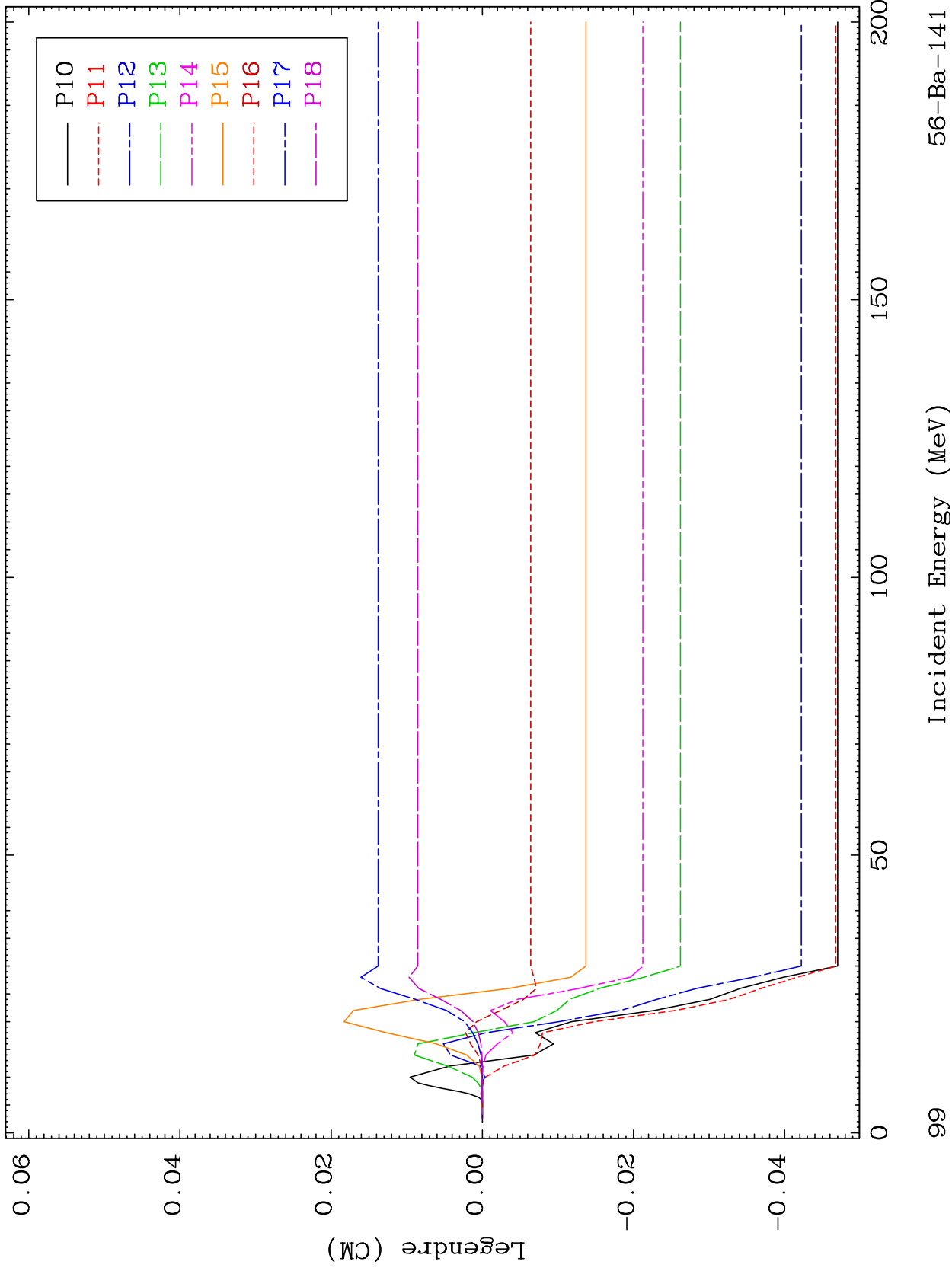




MAT 5658

1.432 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



99

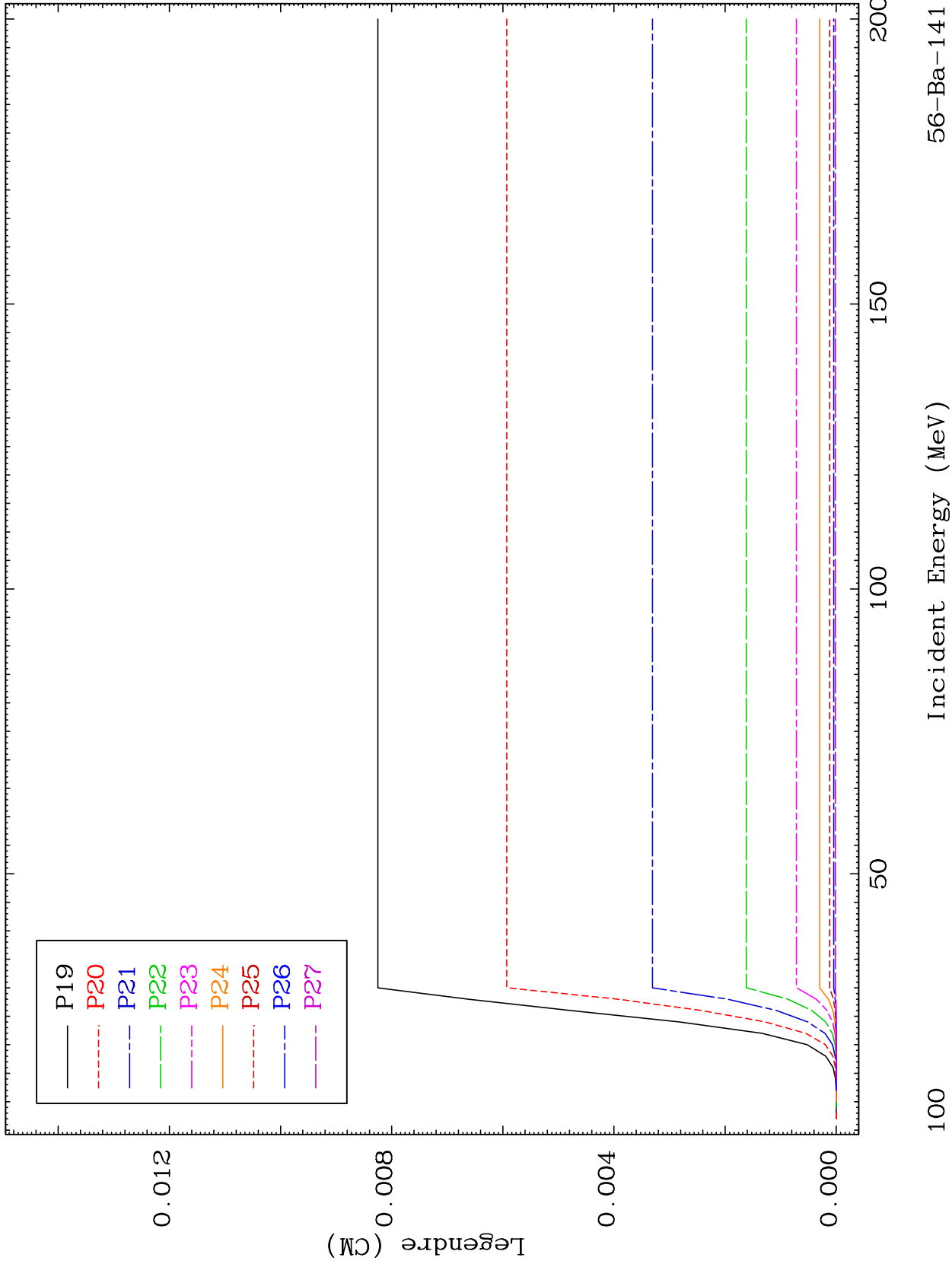
Incident Energy (MeV)

56-Ba-141

MAT 5658

1.432 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



56-Ba-141

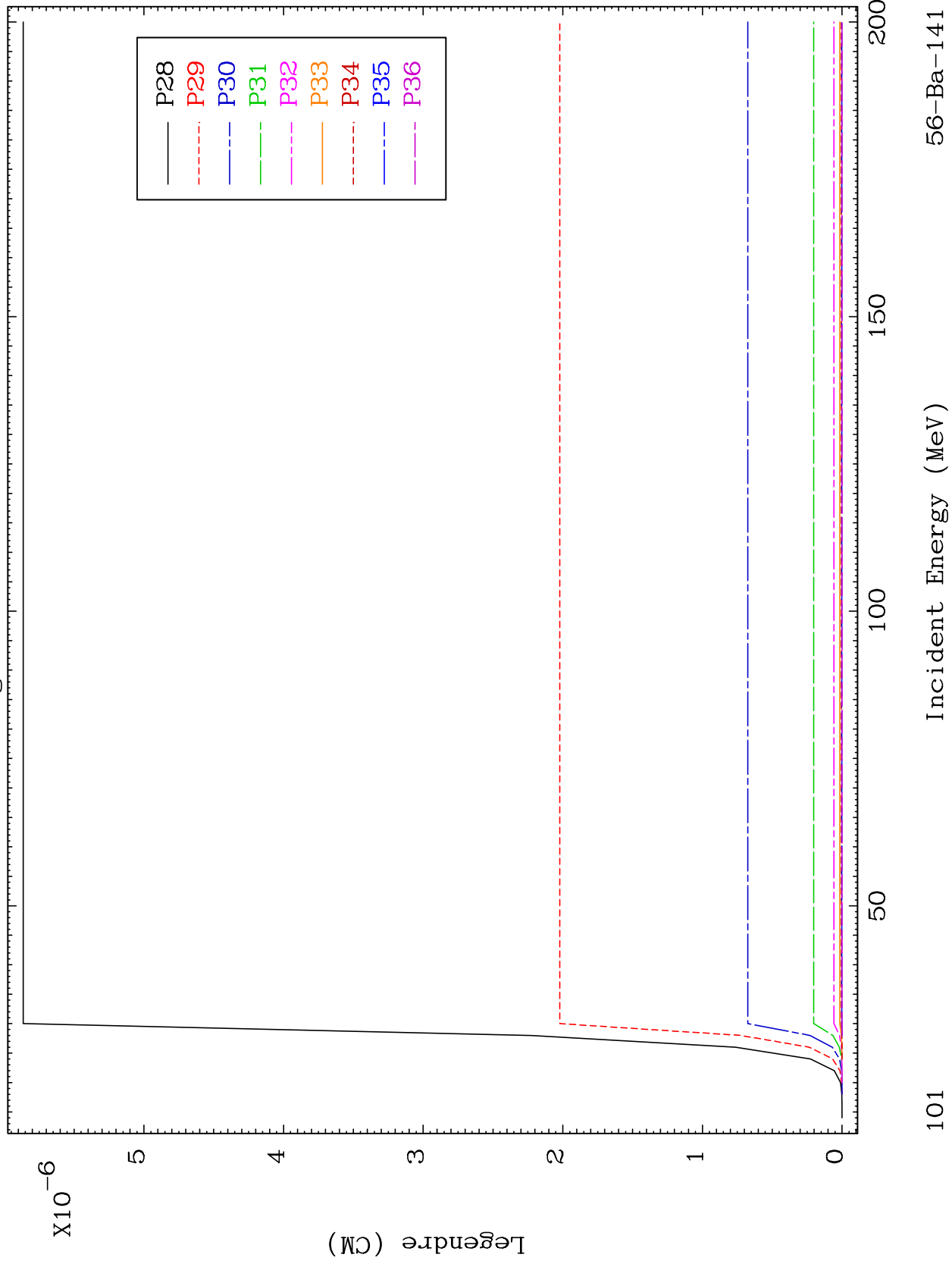
Incident Energy (MeV)

100

MAT 5658

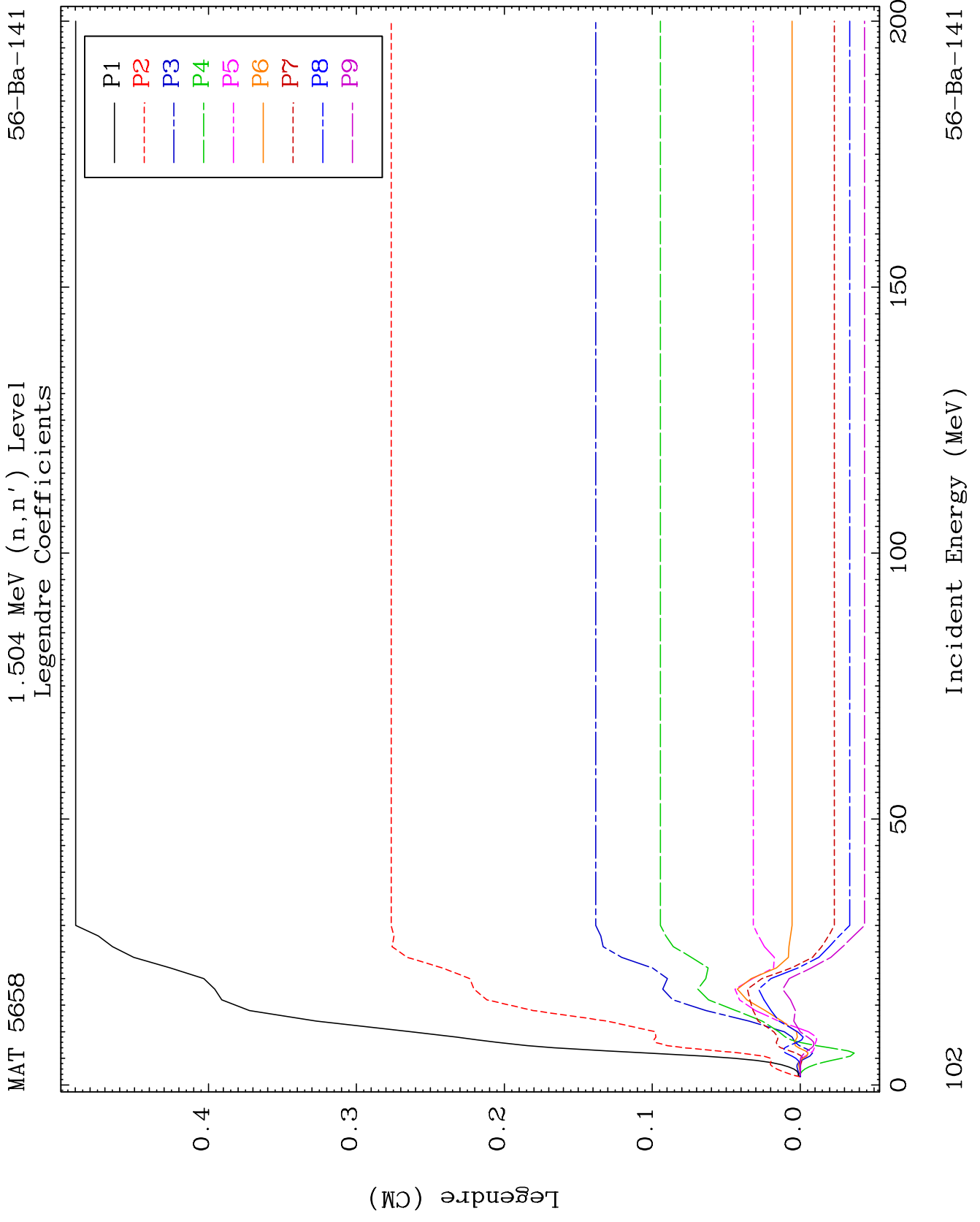
1.432 MeV (n, n') Level
Legendre Coefficients

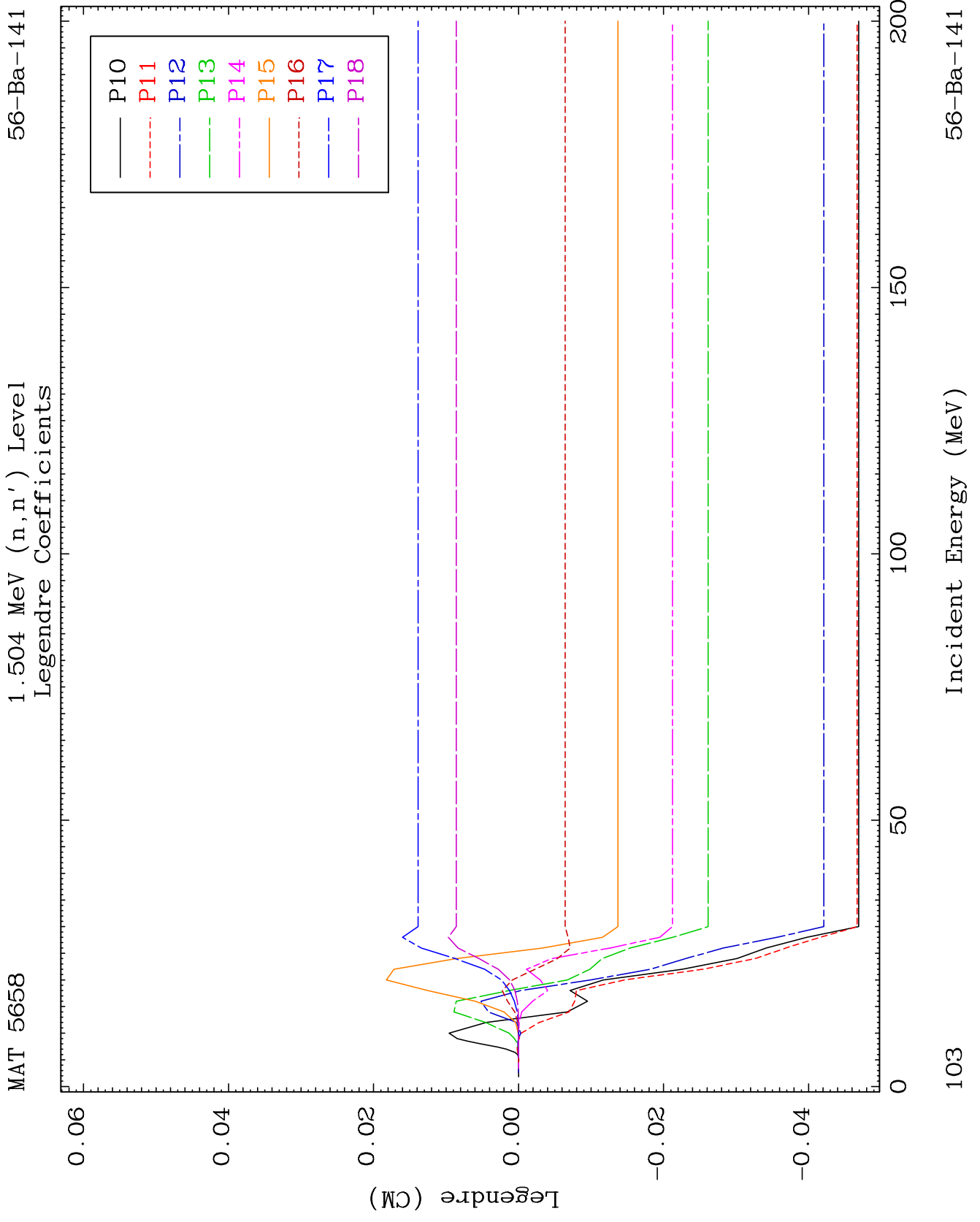
56-Ba-141



101

56-Ba-141

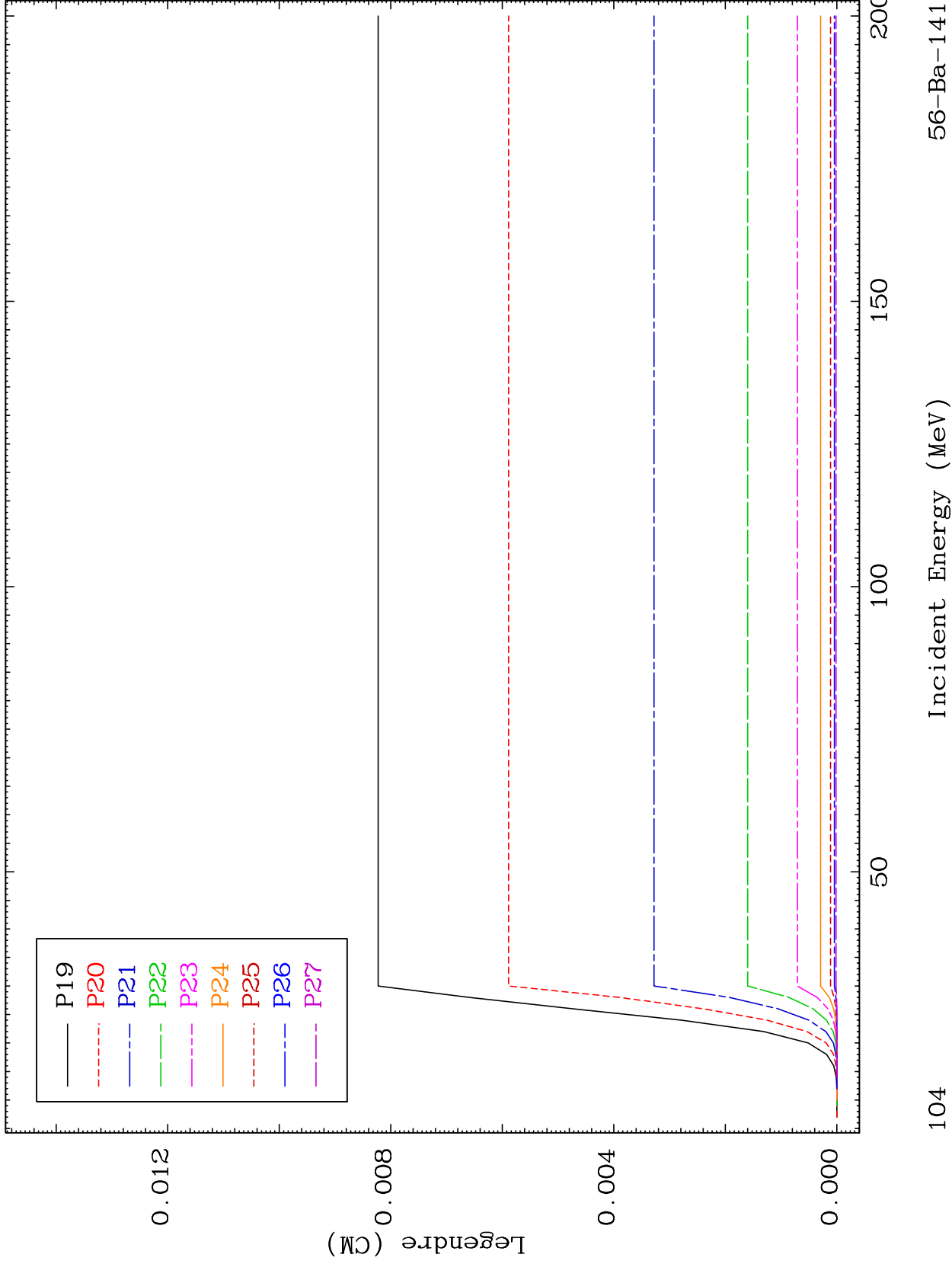




MAT 5658

1.504 MeV (n,n') Level
Legendre Coefficients

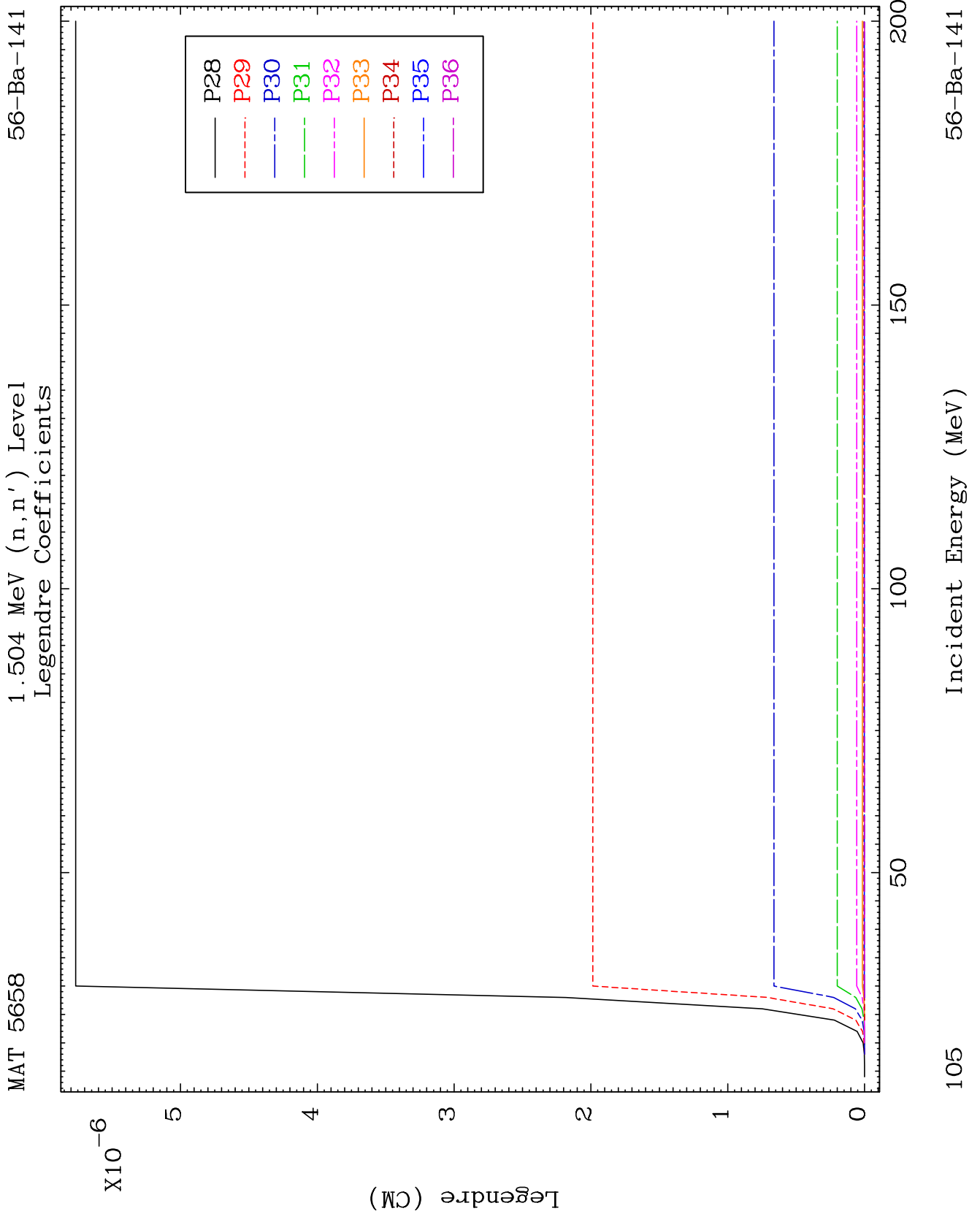
56-Ba-141

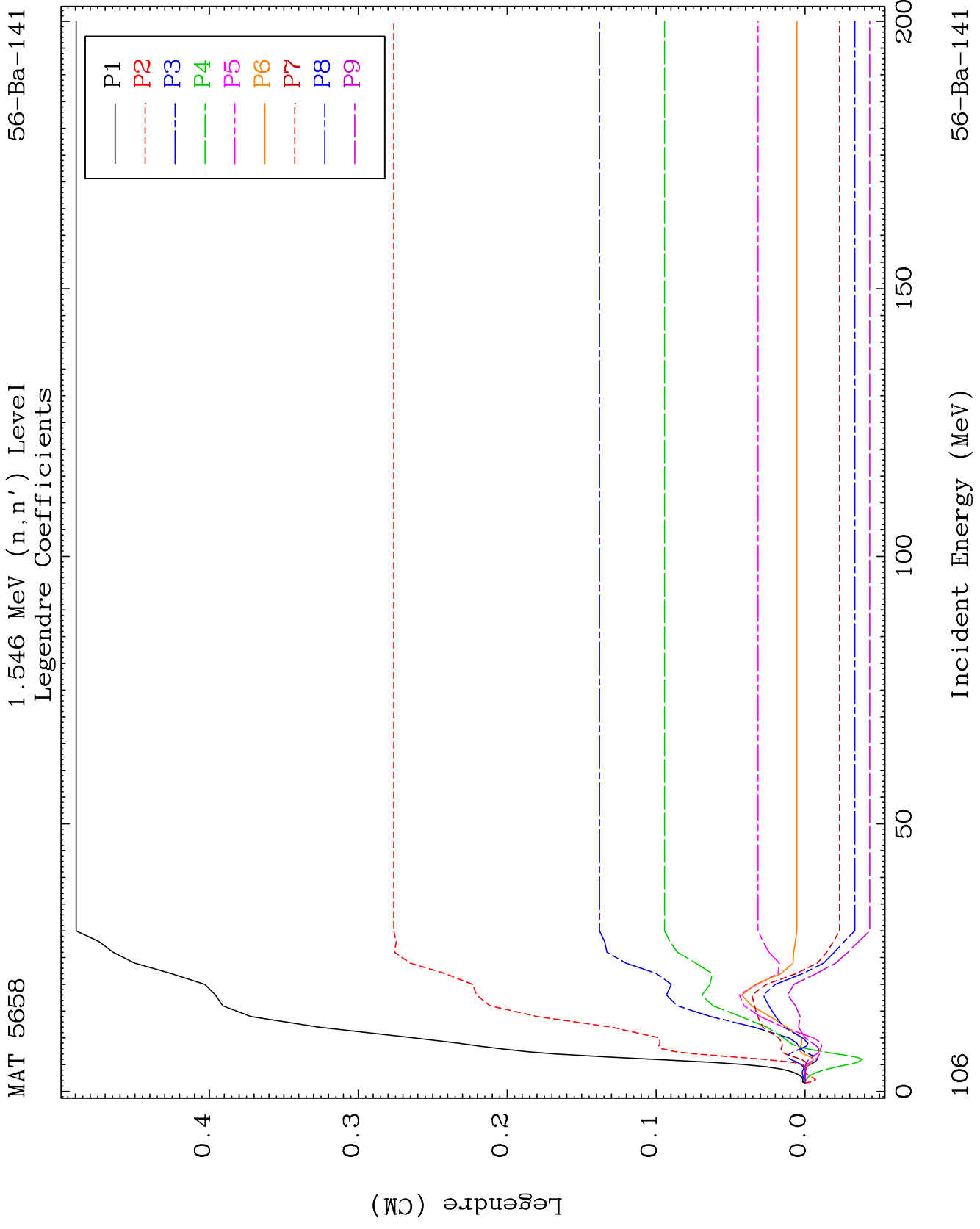


104

Incident Energy (MeV)

56-Ba-141

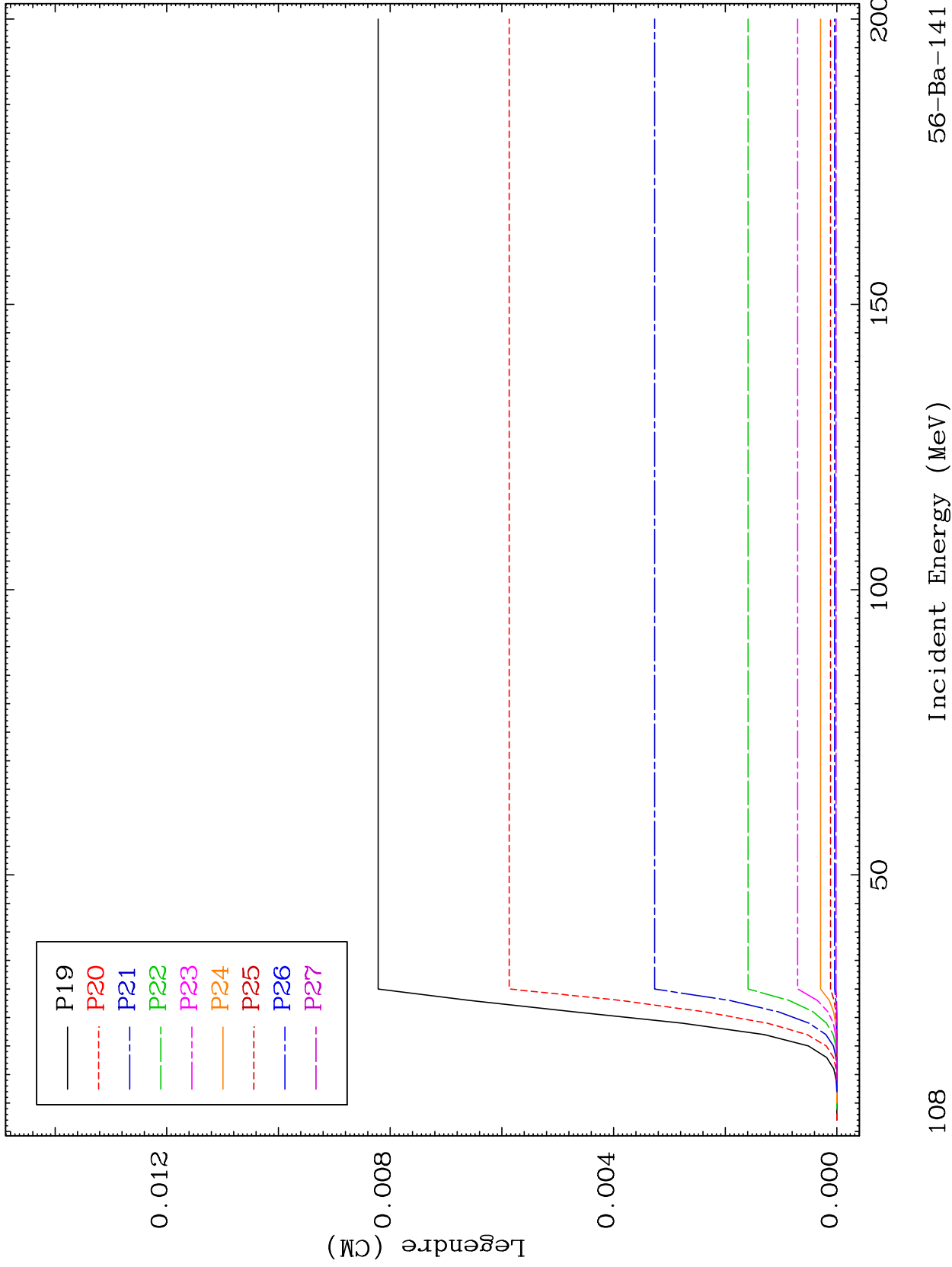




MAT 5658

1.546 MeV (n,n') Level
Legendre Coefficients

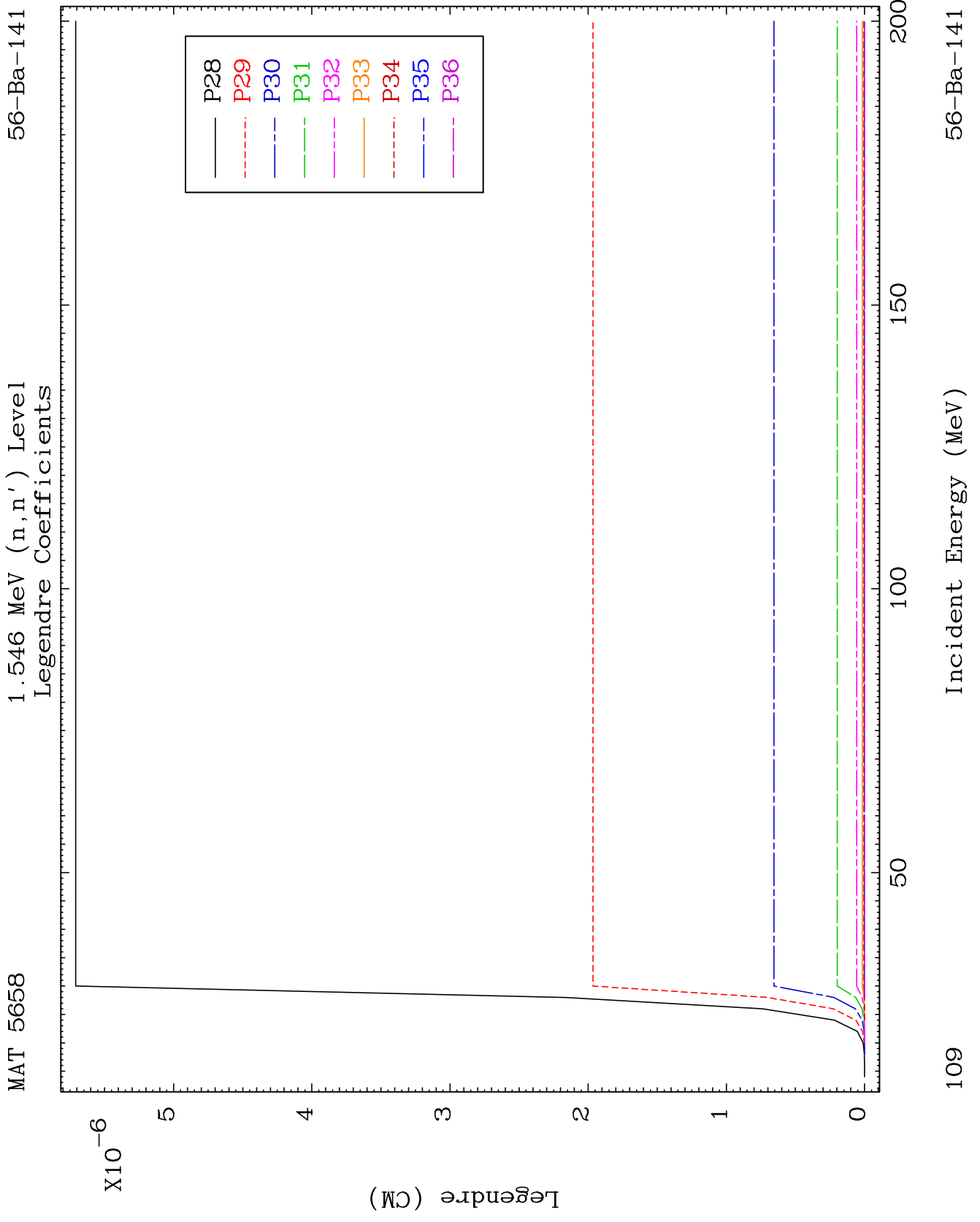
56-Ba-141

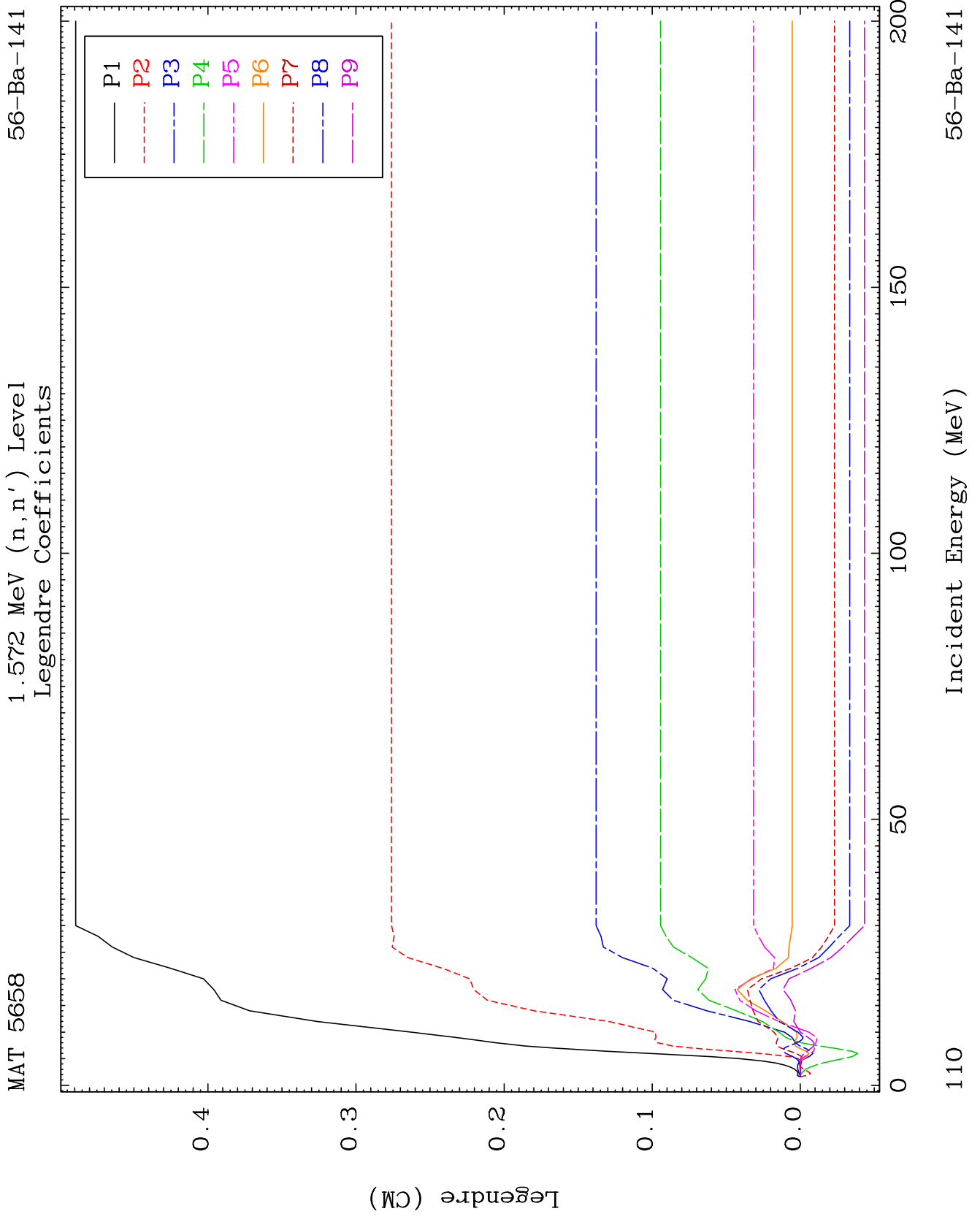


108

Incident Energy (MeV)

56-Ba-141

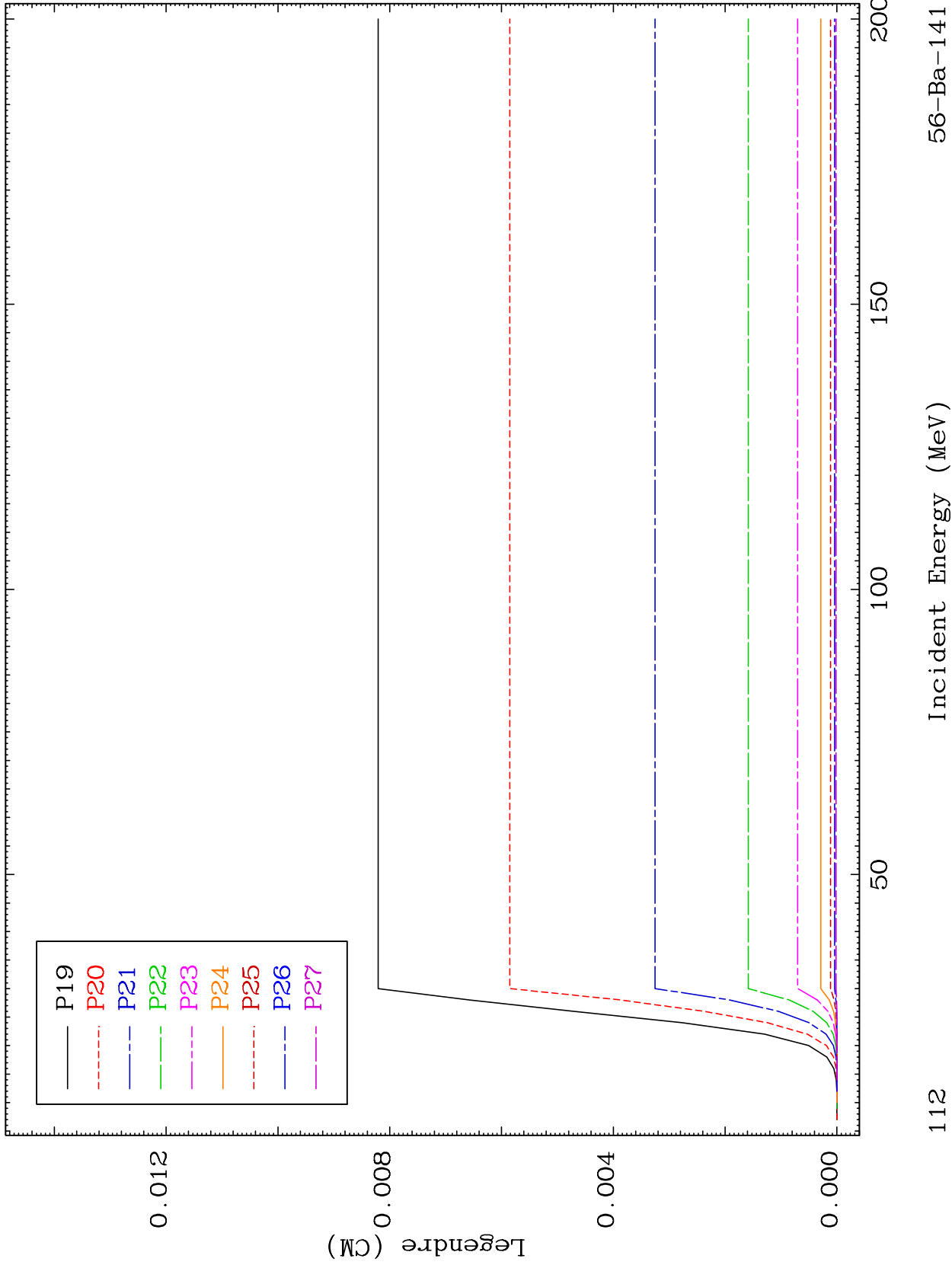




MAT 5658

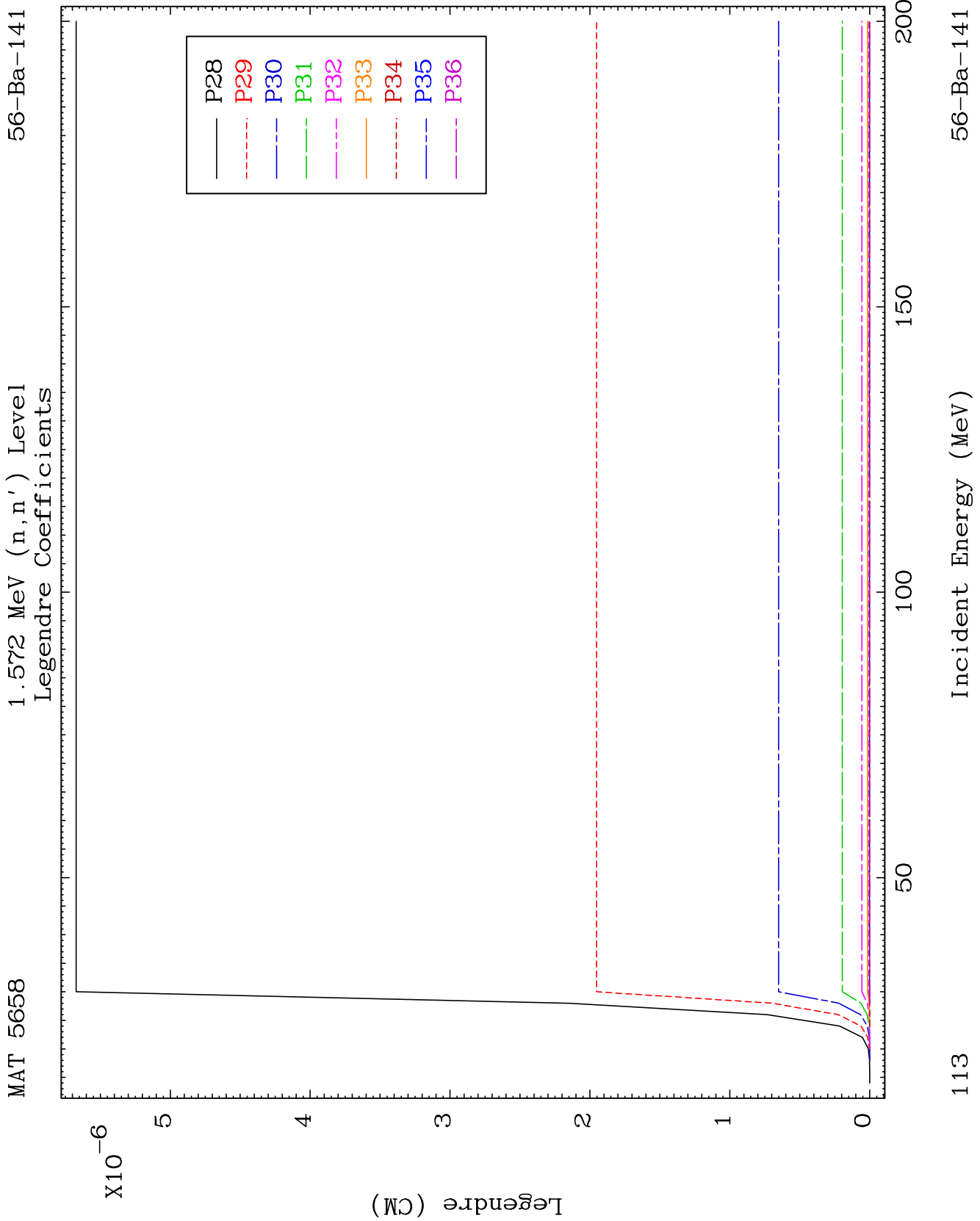
1.572 MeV (n,n') Level
Legendre Coefficients

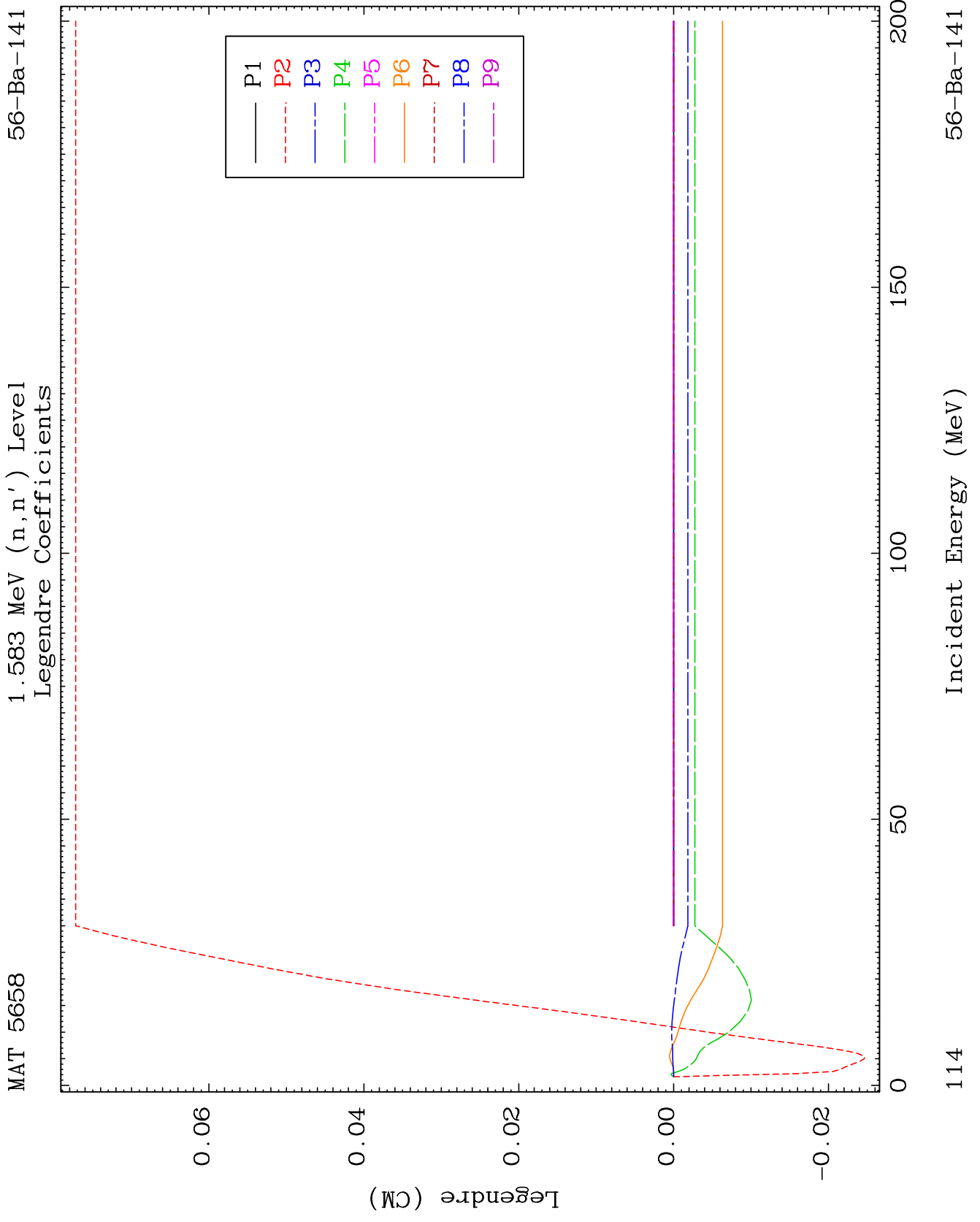
56-Ba-141



112

56-Ba-141





56-Ba-141

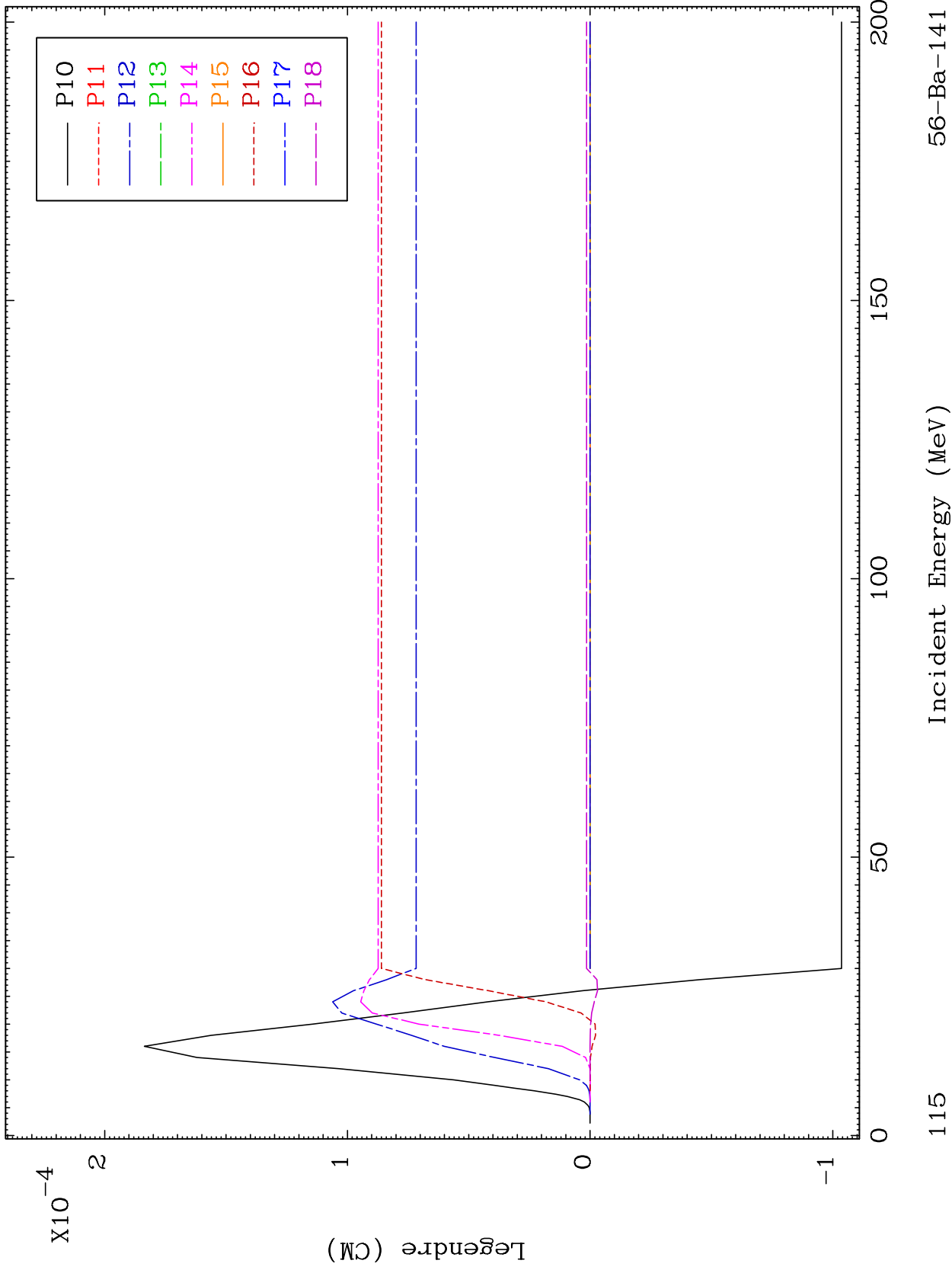
Incident Energy (MeV)

114

MAT 5658

1.583 MeV (n,n') Level
Legendre Coefficients

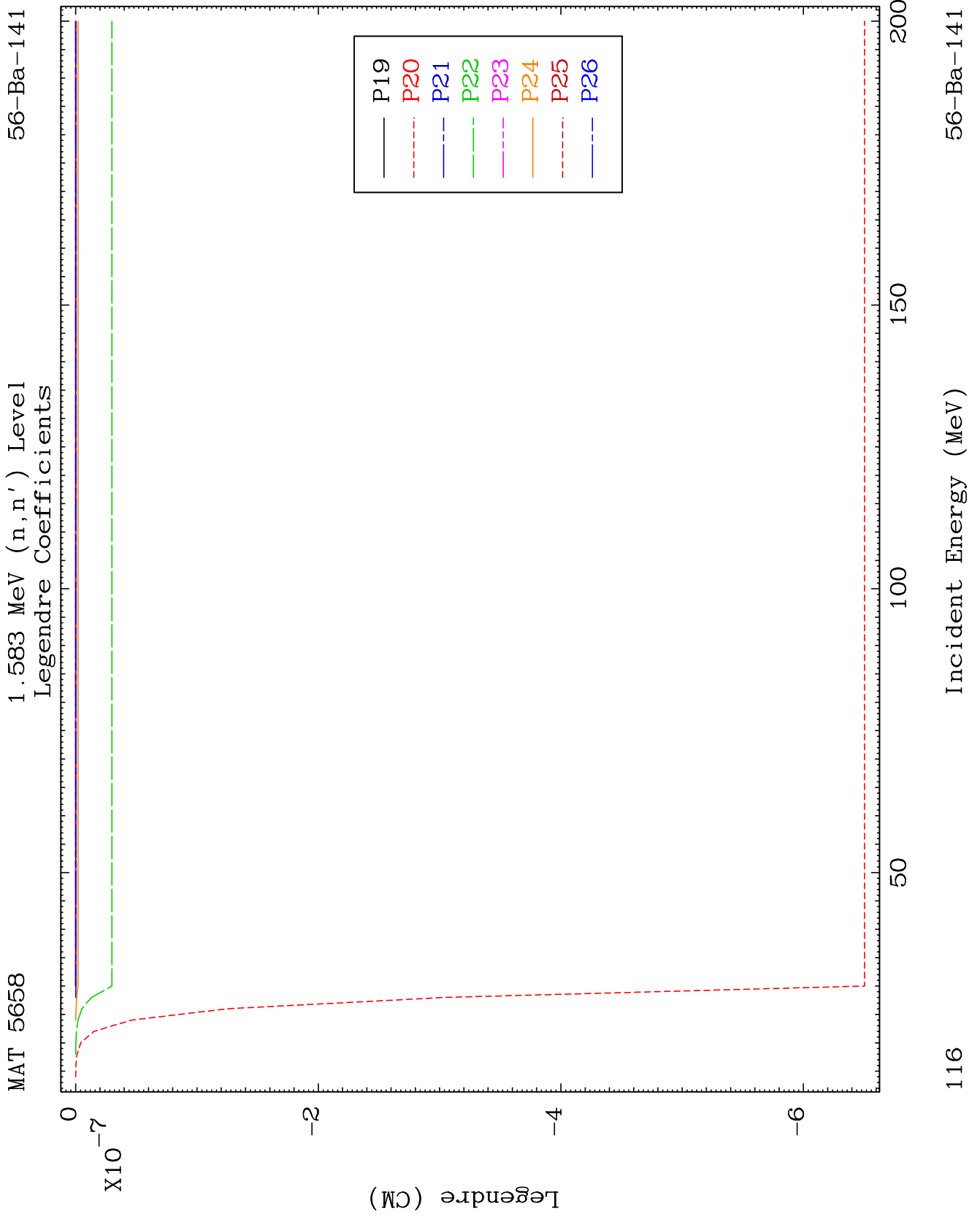
56-Ba-141

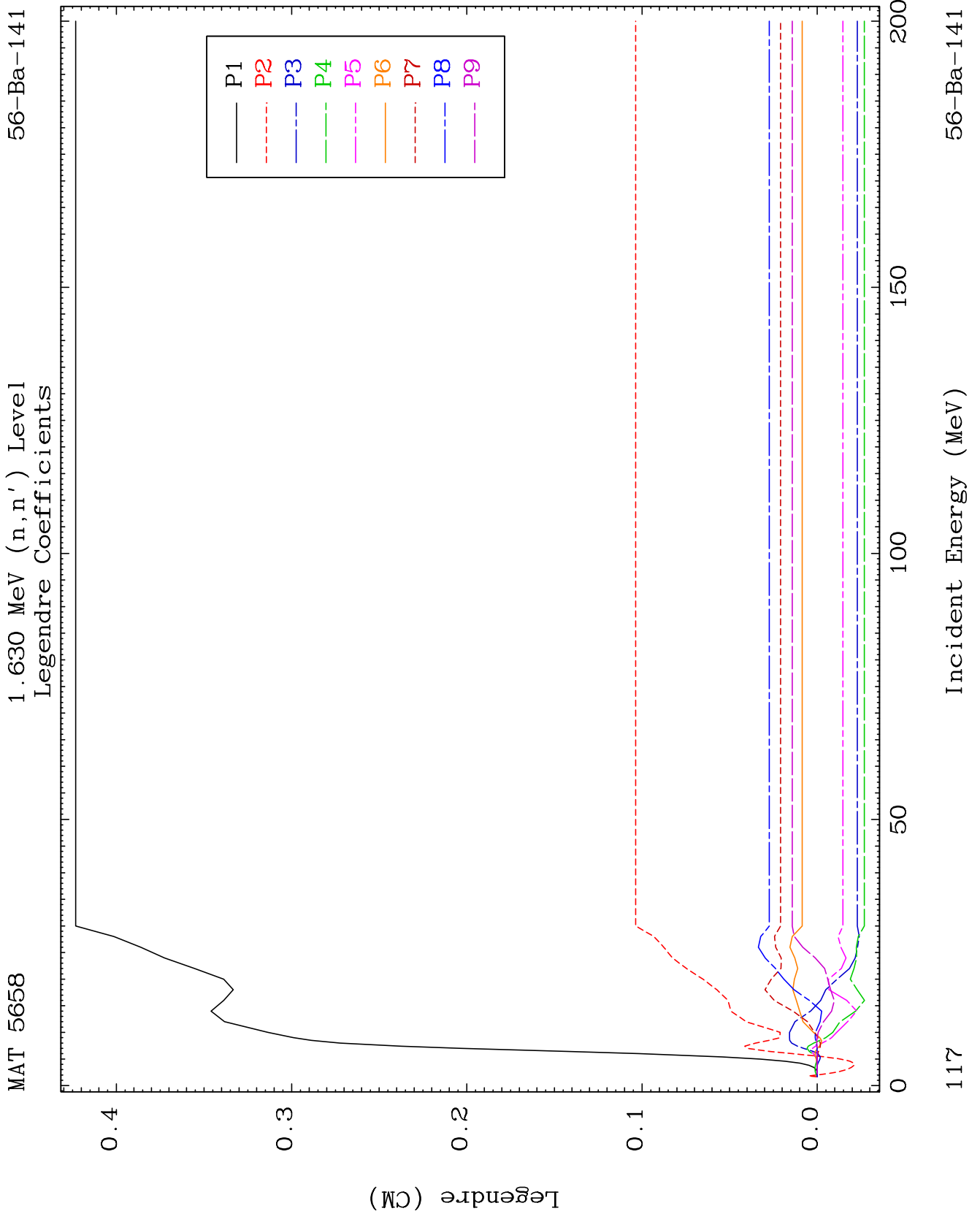


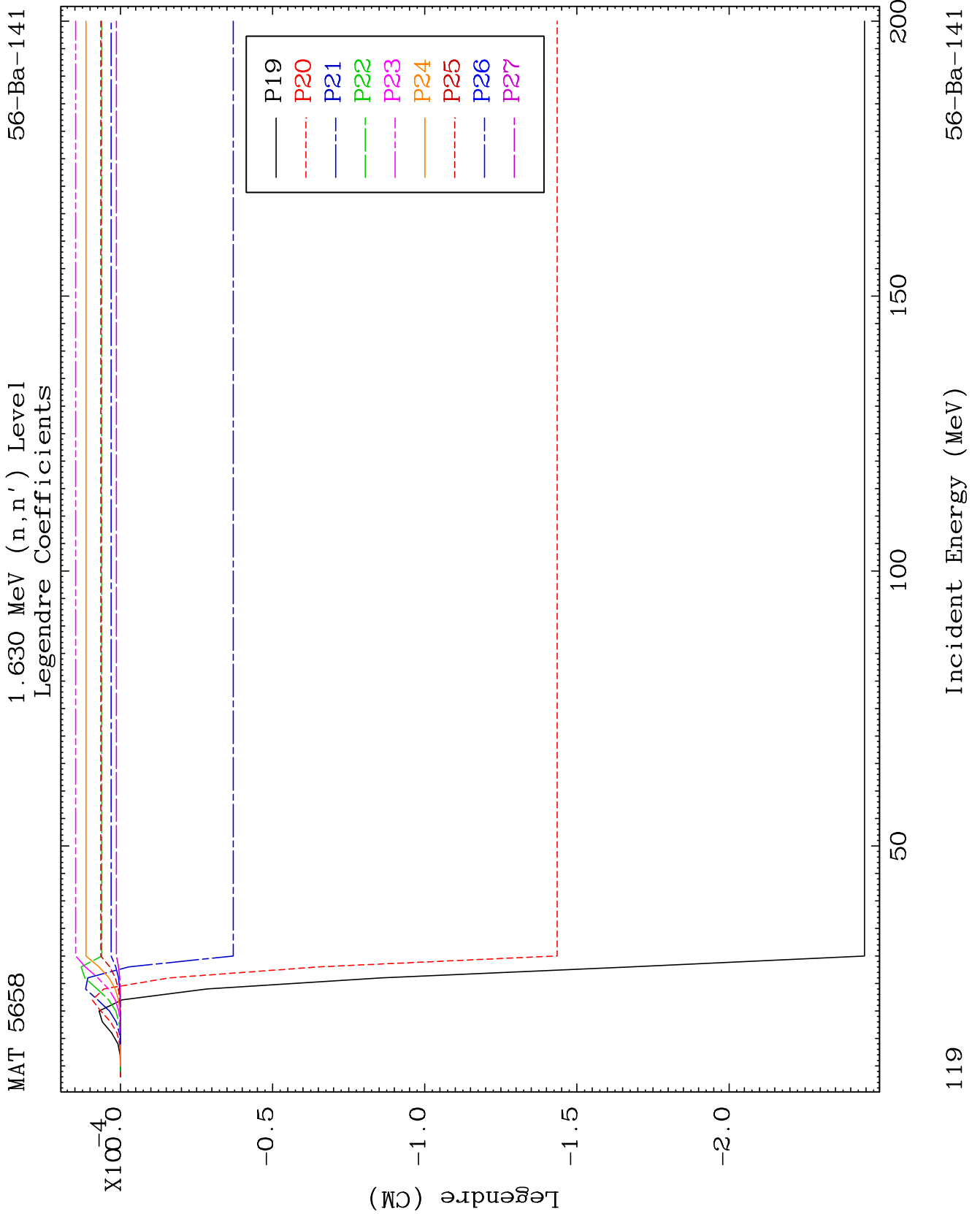
56-Ba-141

Incident Energy (MeV)

115



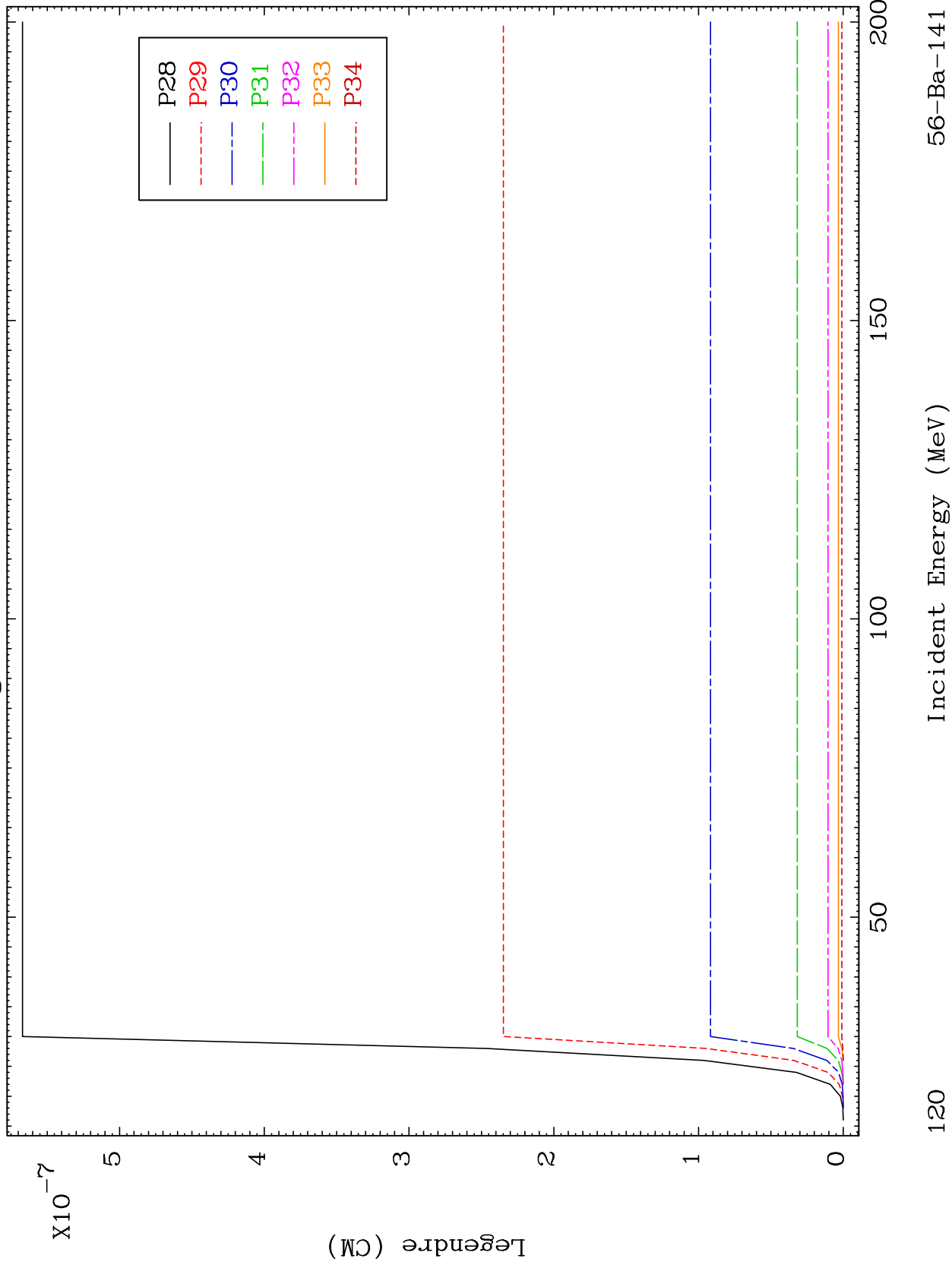




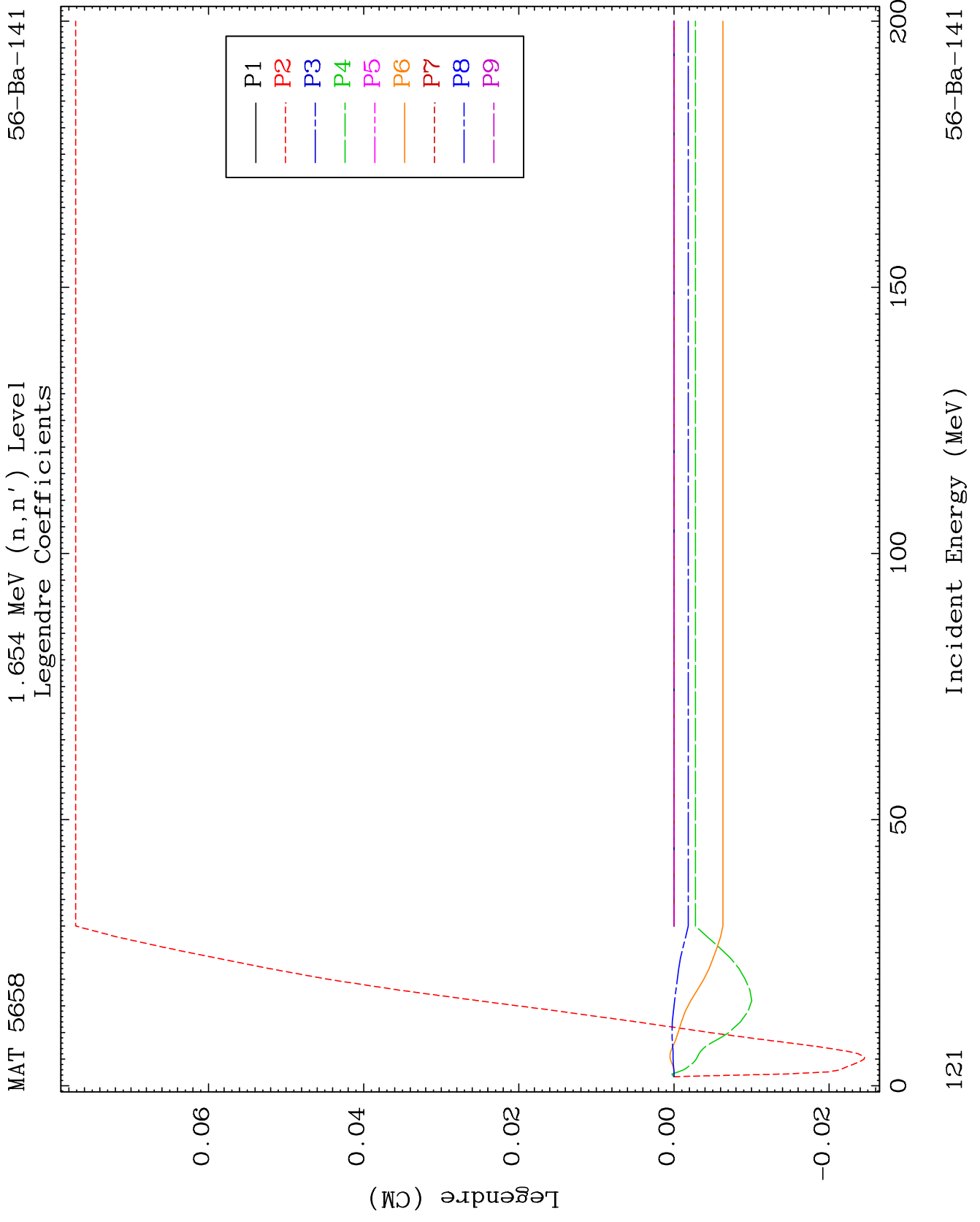
MAT 5658

1.630 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



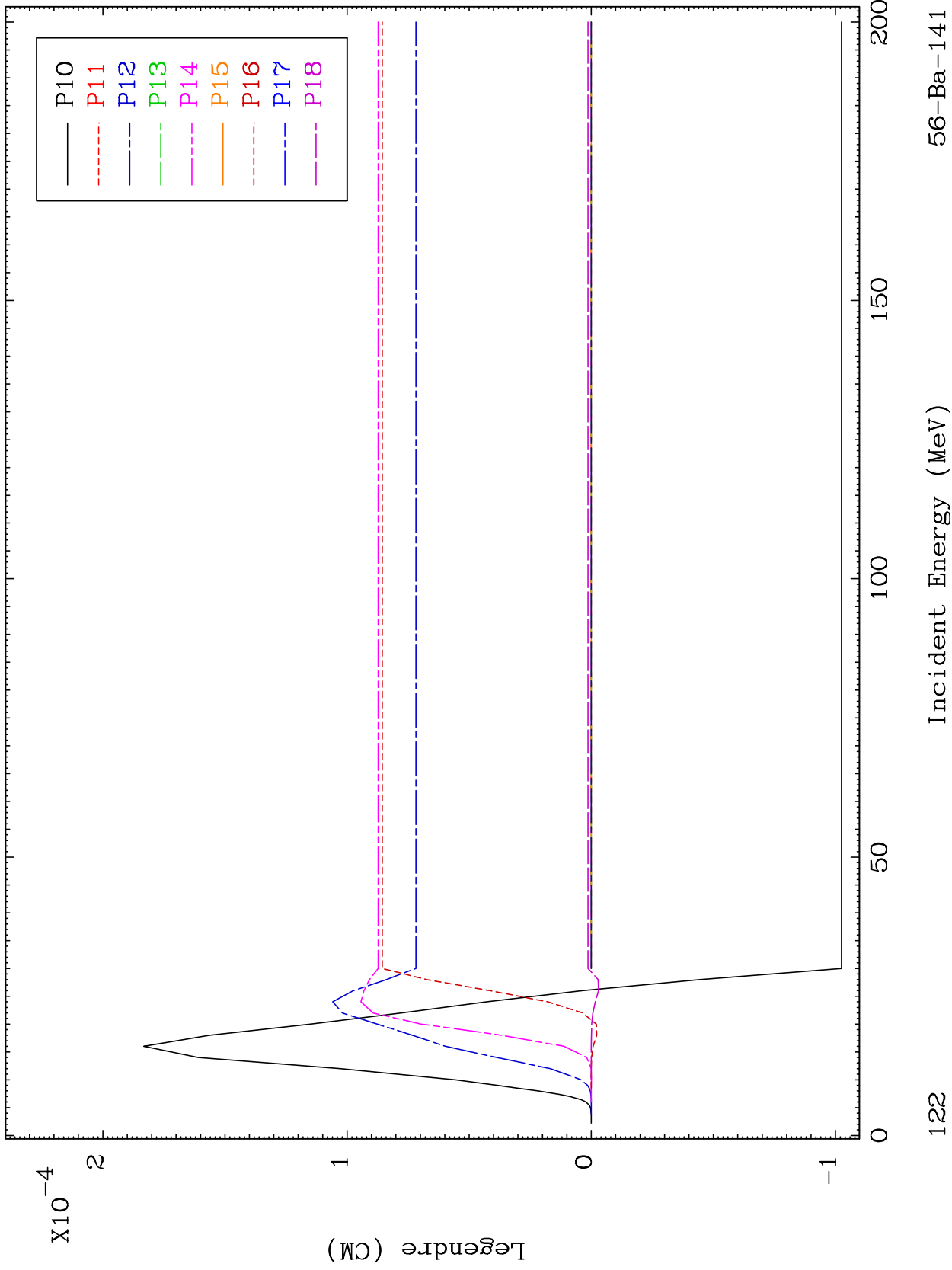
56-Ba-141



MAT 5658

1.654 MeV (n,n') Level
Legendre Coefficients

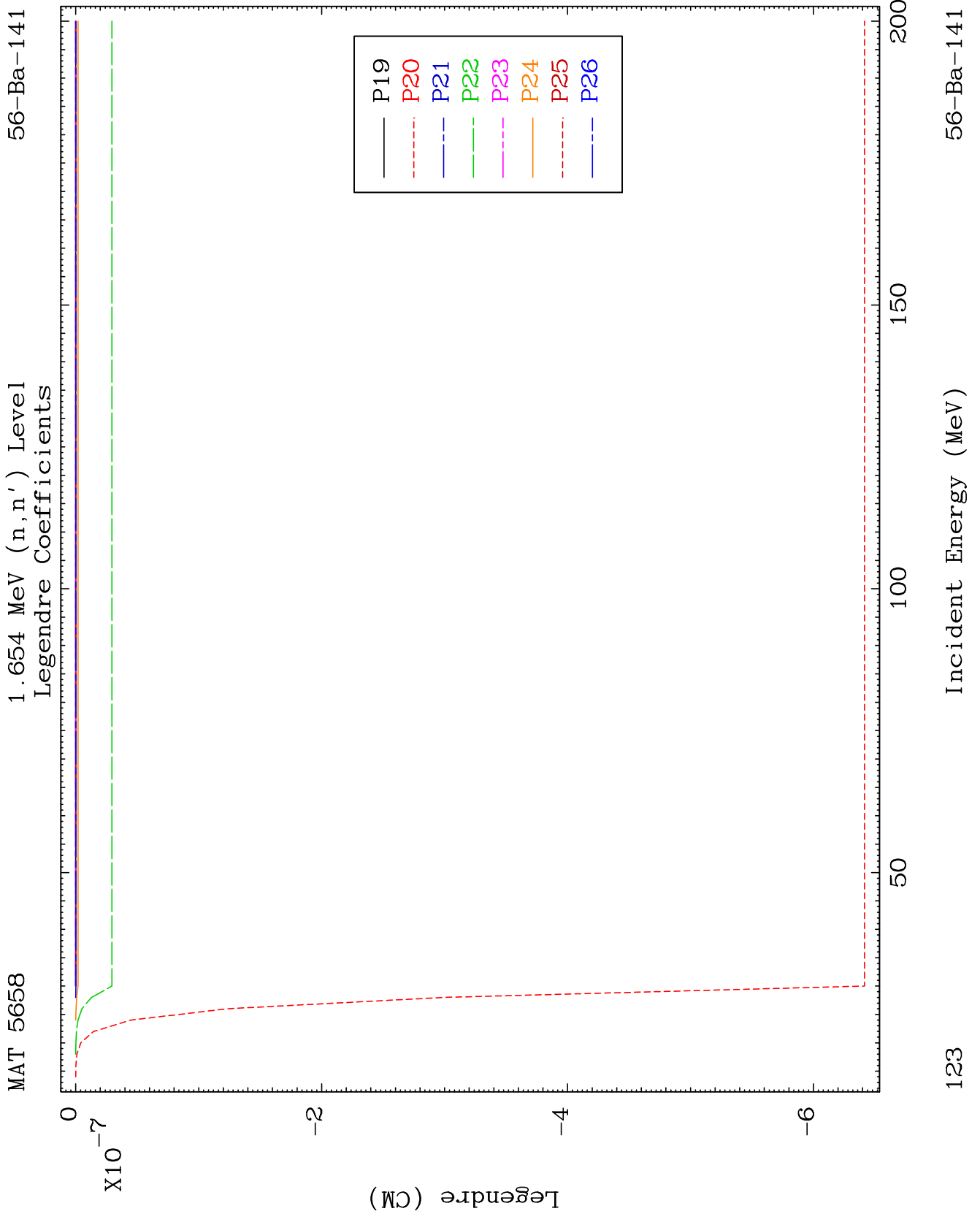
56-Ba-141

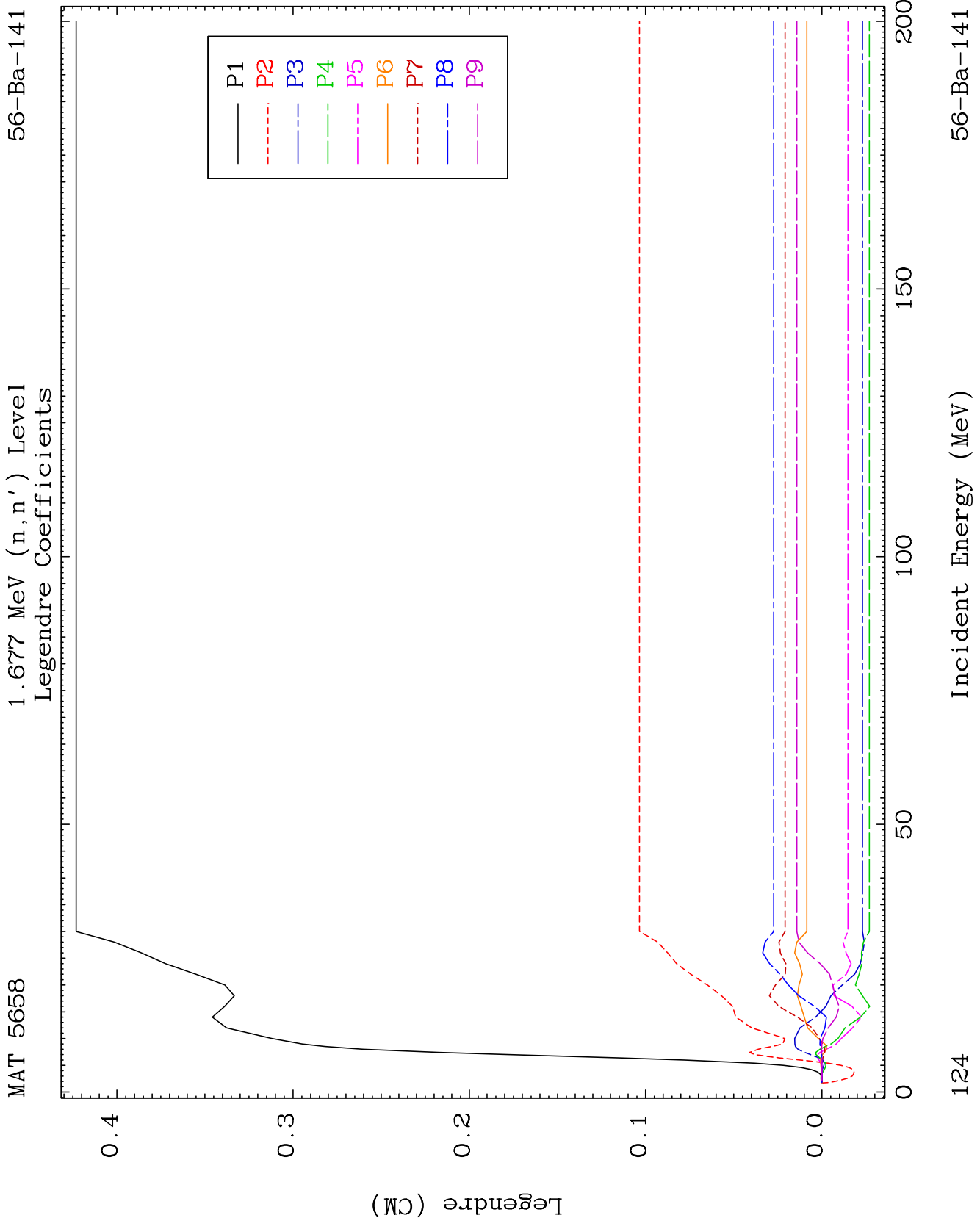


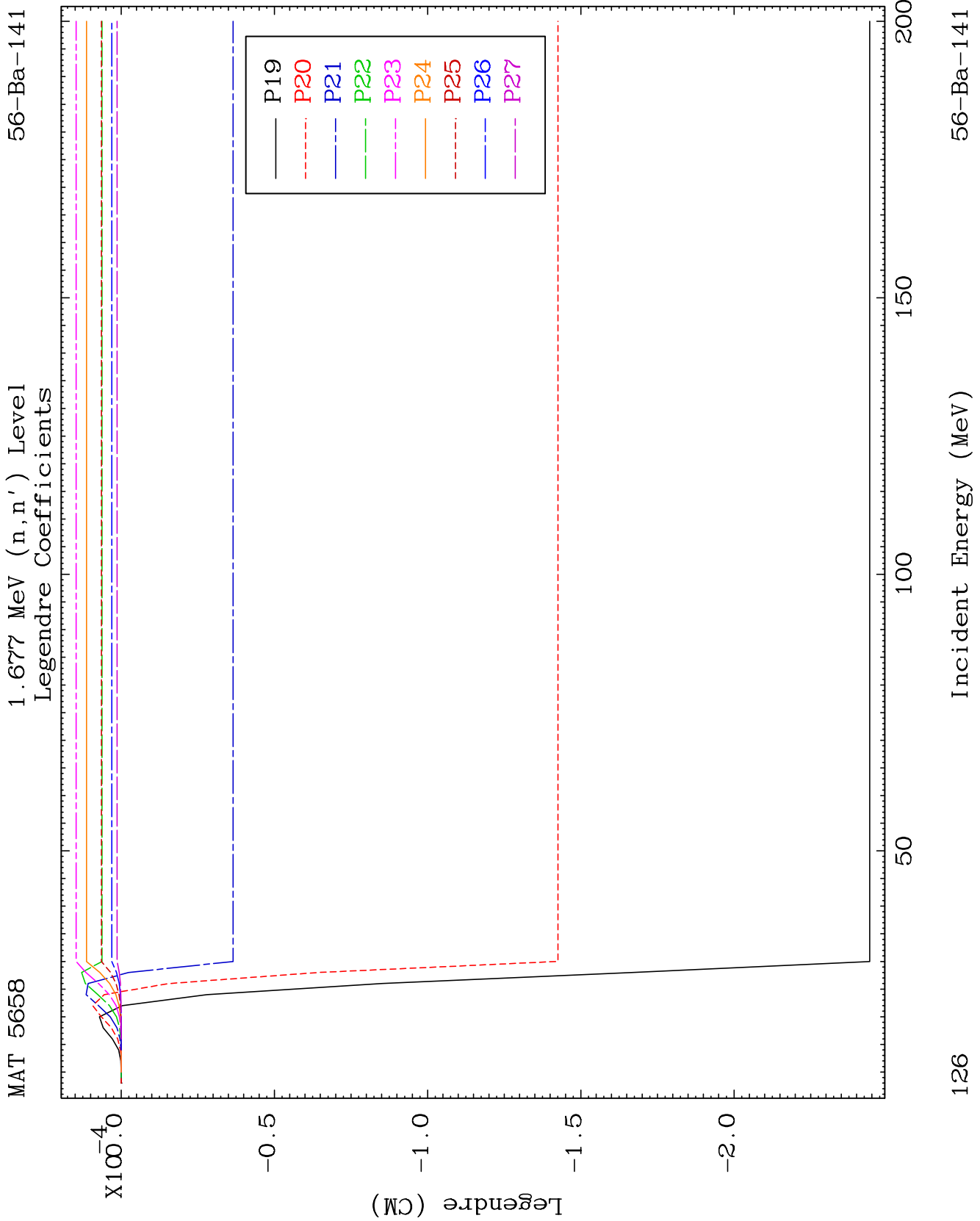
122

Incident Energy (MeV)

56-Ba-141



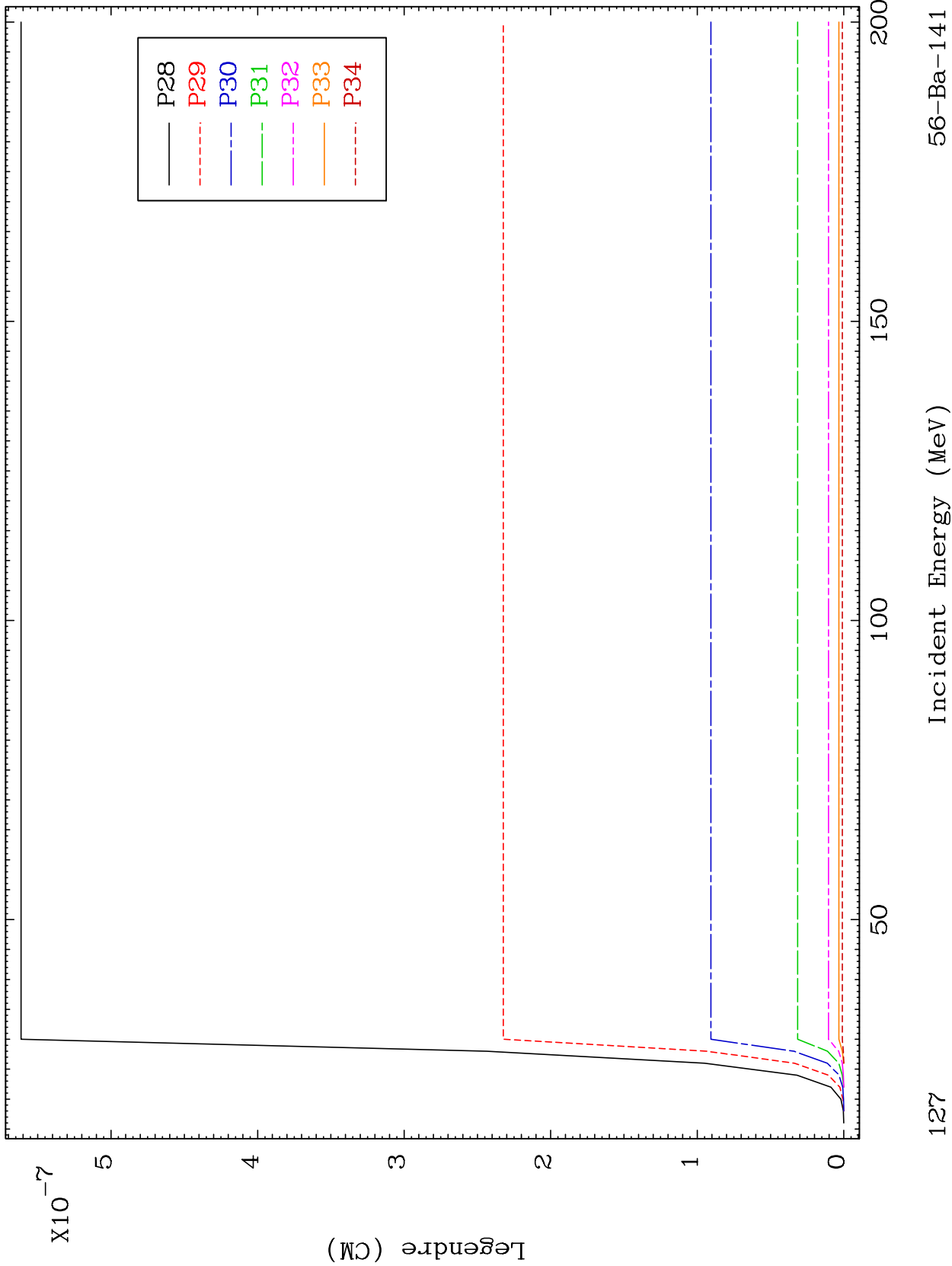




MAT 5658

1.677 MeV (n, n') Level
Legendre Coefficients

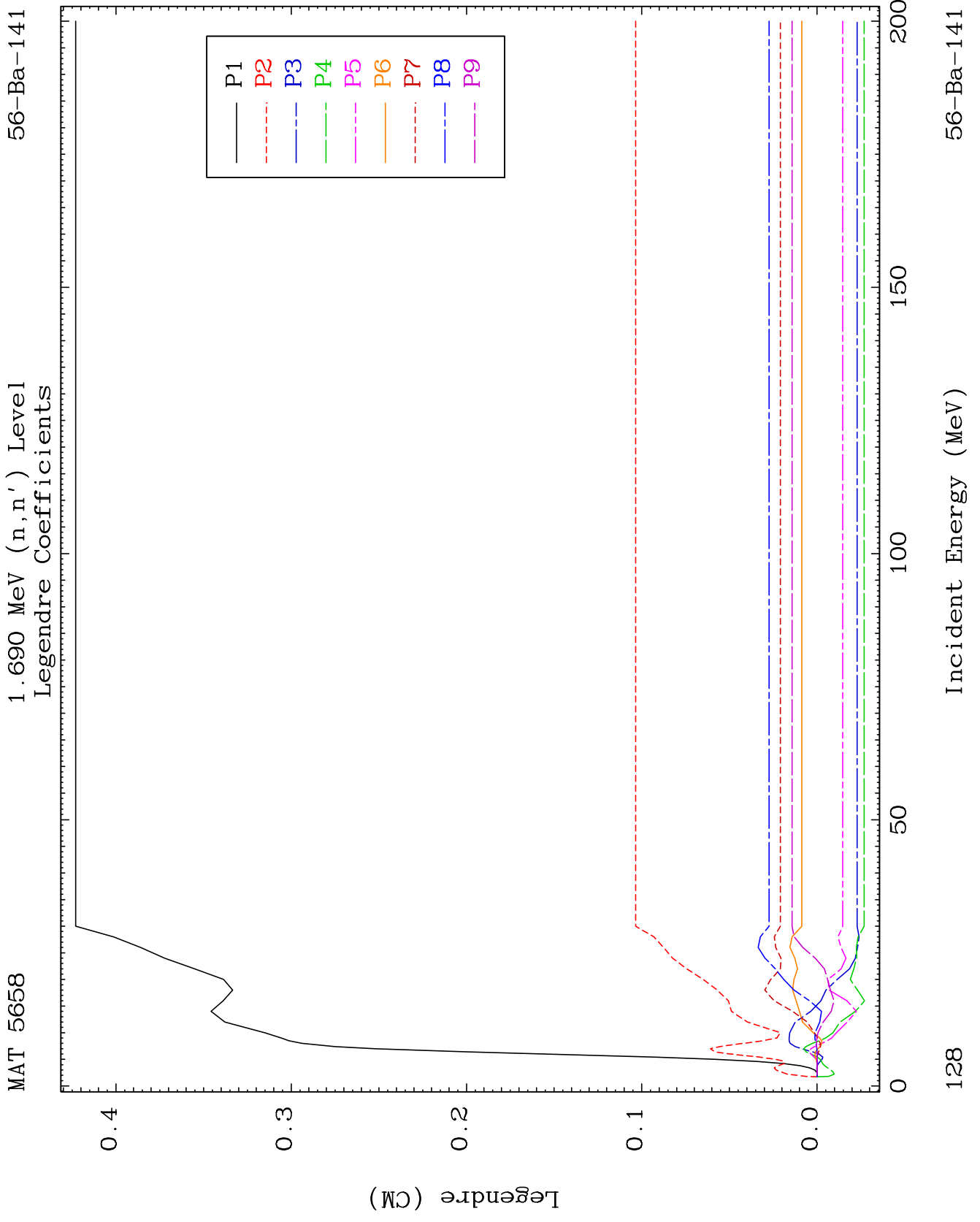
56-Ba-141

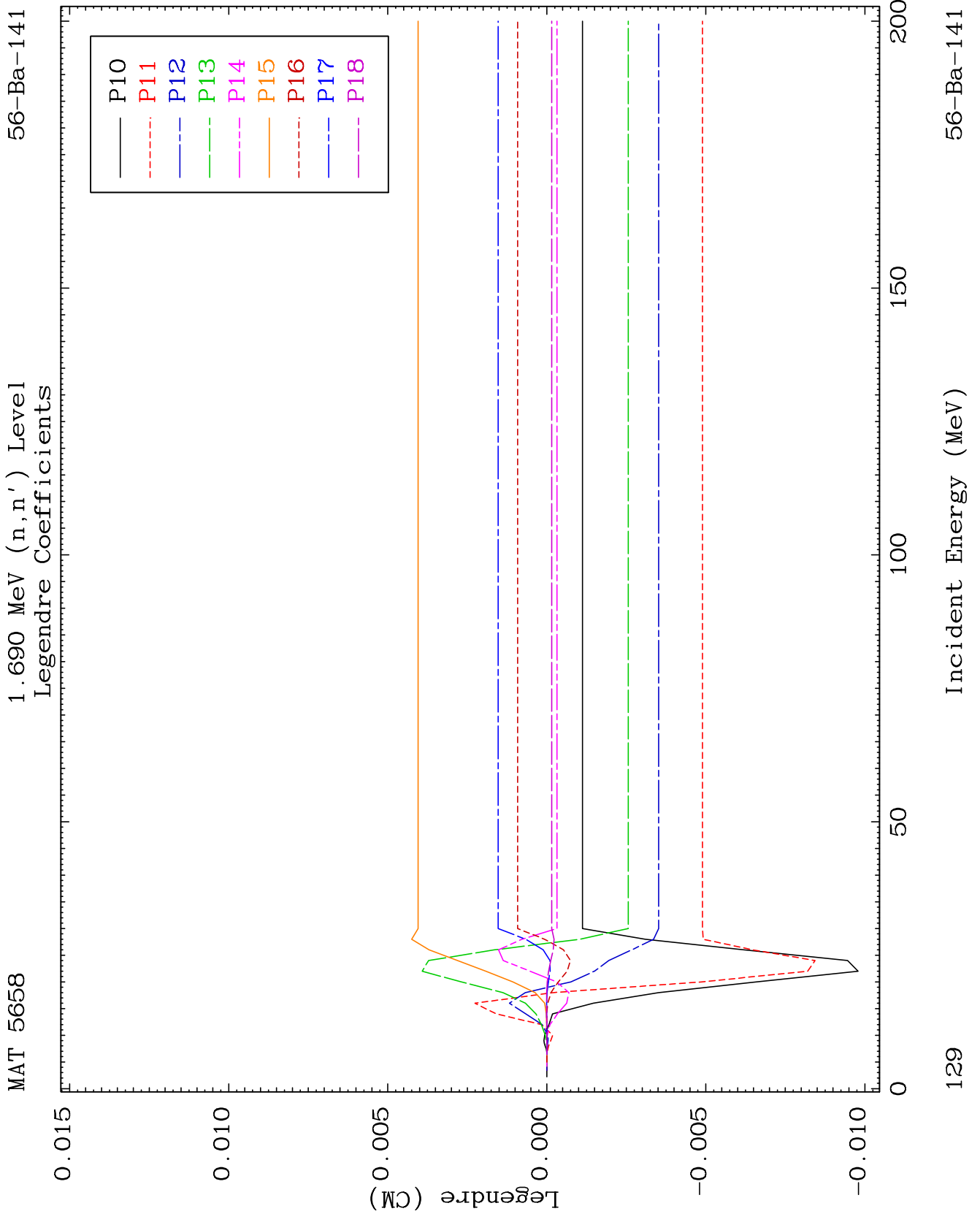


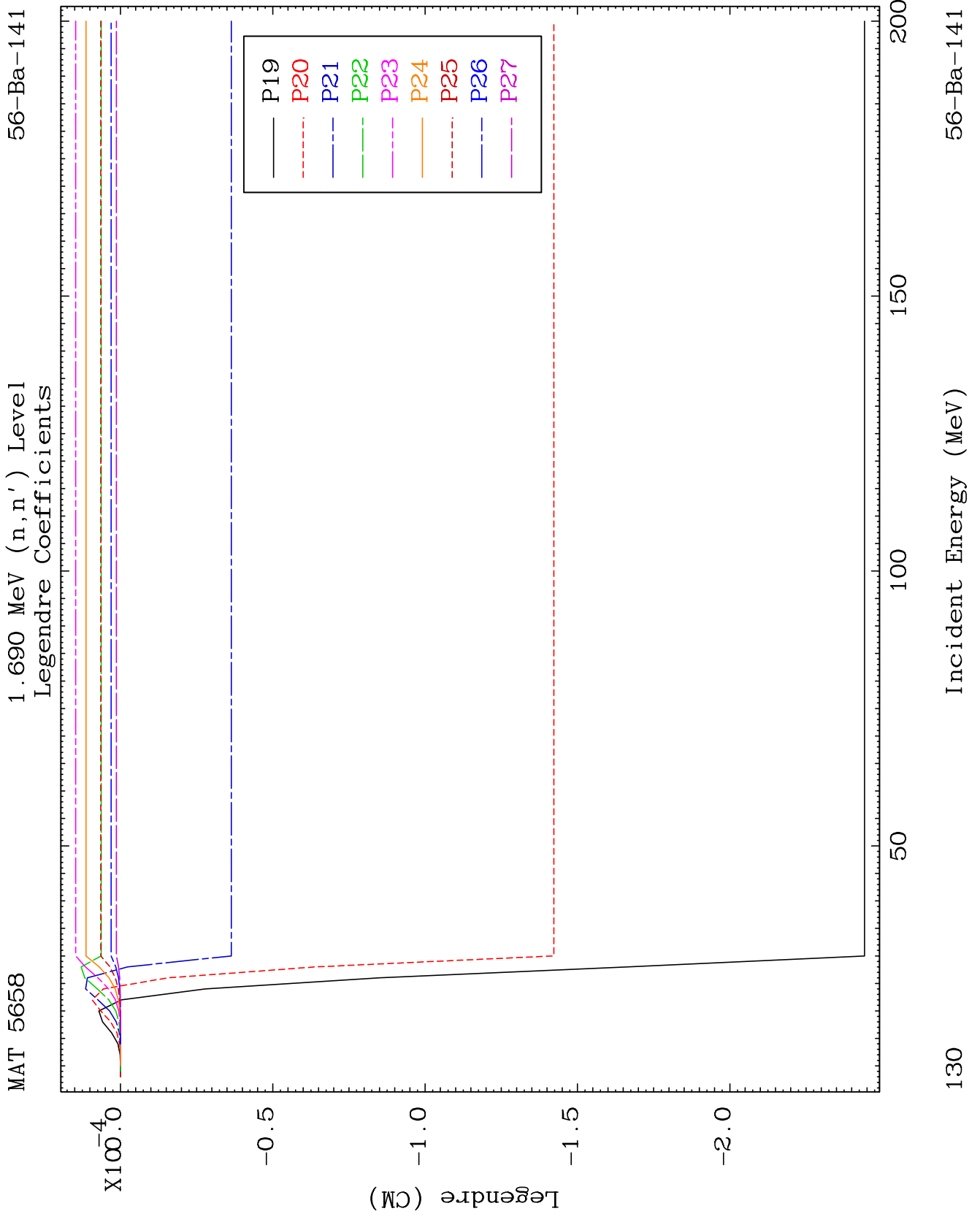
127

Incident Energy (MeV)

56-Ba-141



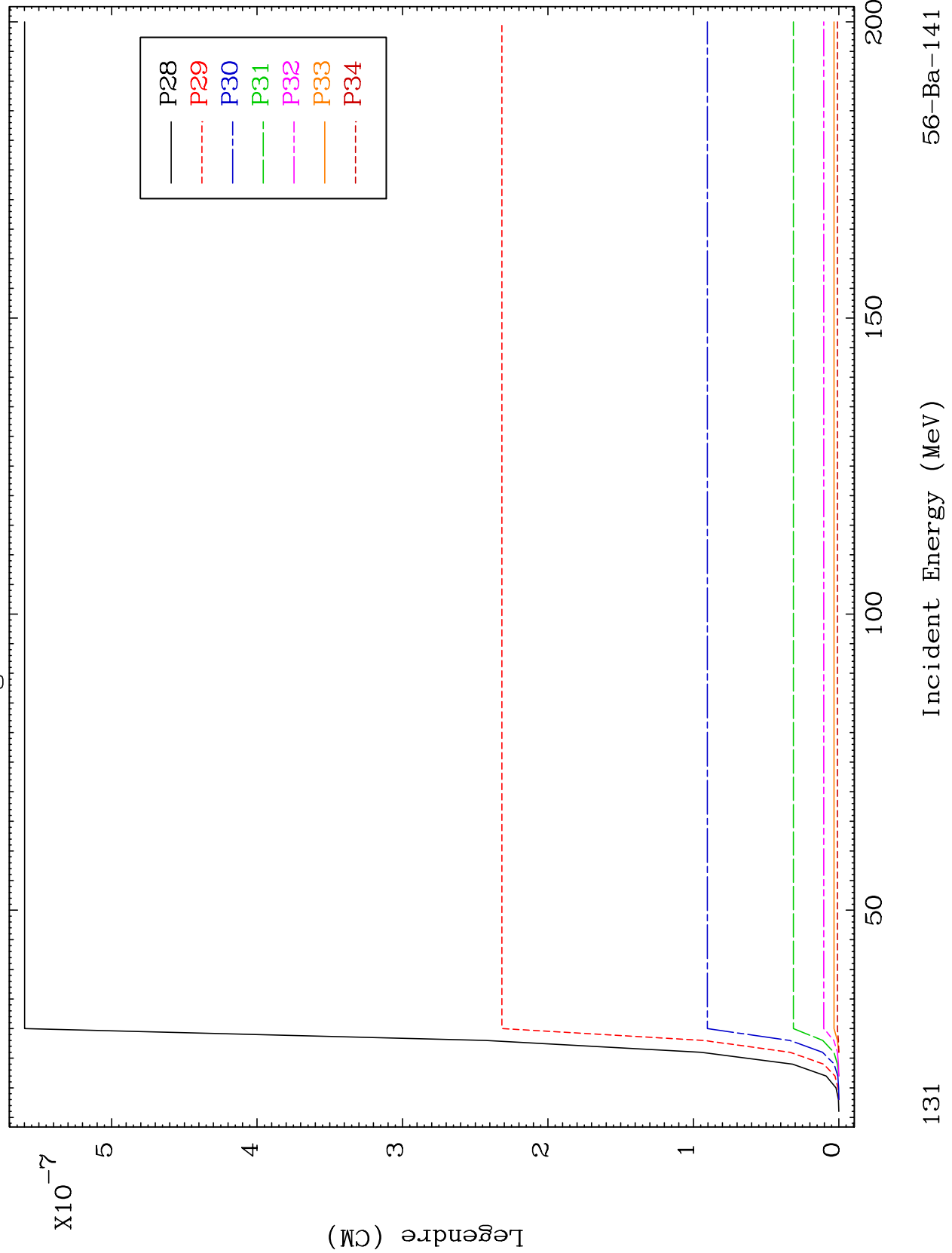




MAT 5658

1.690 MeV (n,n') Level
Legendre Coefficients

56-Ba-141



131

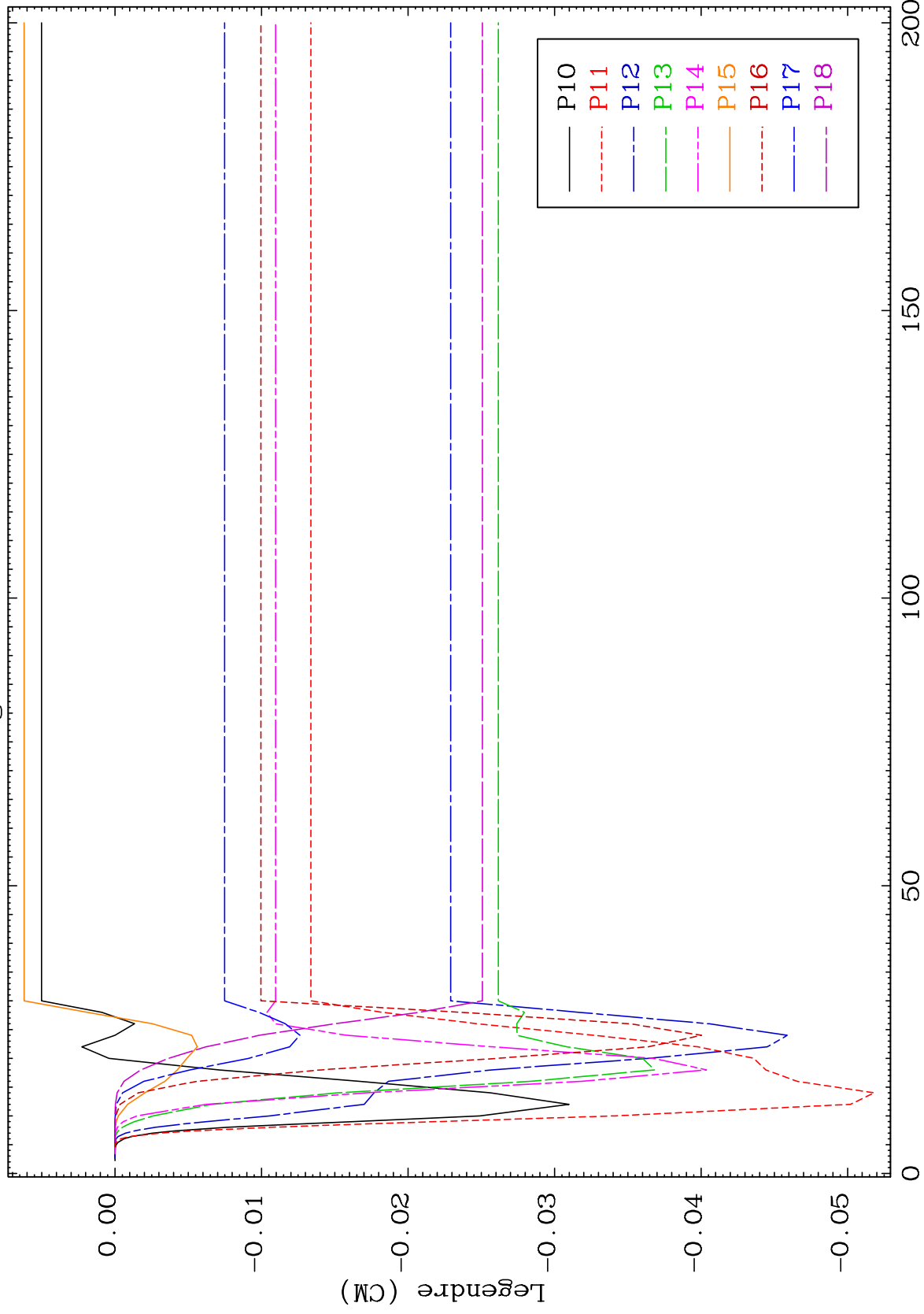
Incident Energy (MeV)

56-Ba-141

MAT 5658

1.710 MeV (n,n') Level
Legendre Coefficients

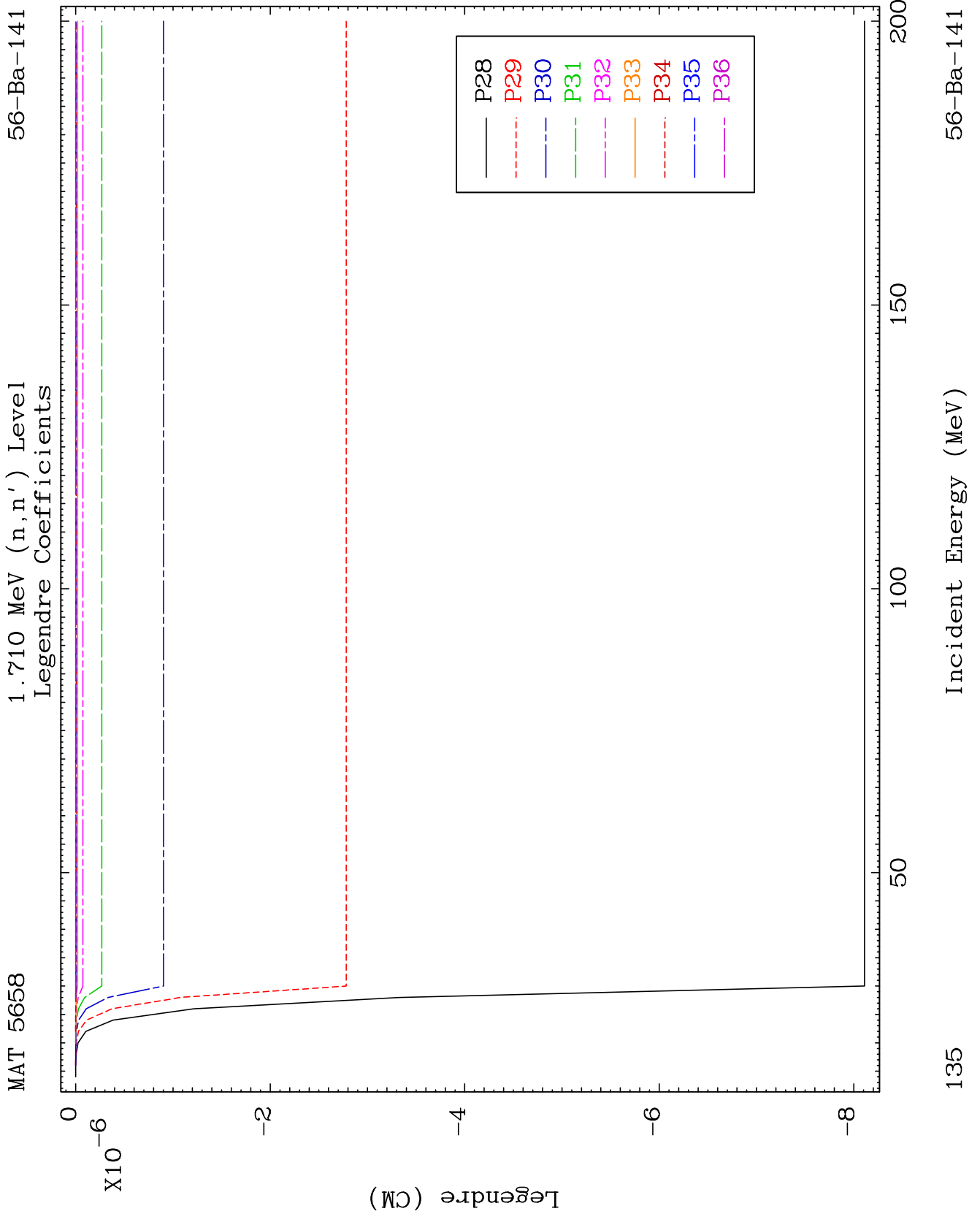
56-Ba-141



56-Ba-141

Incident Energy (MeV)

133

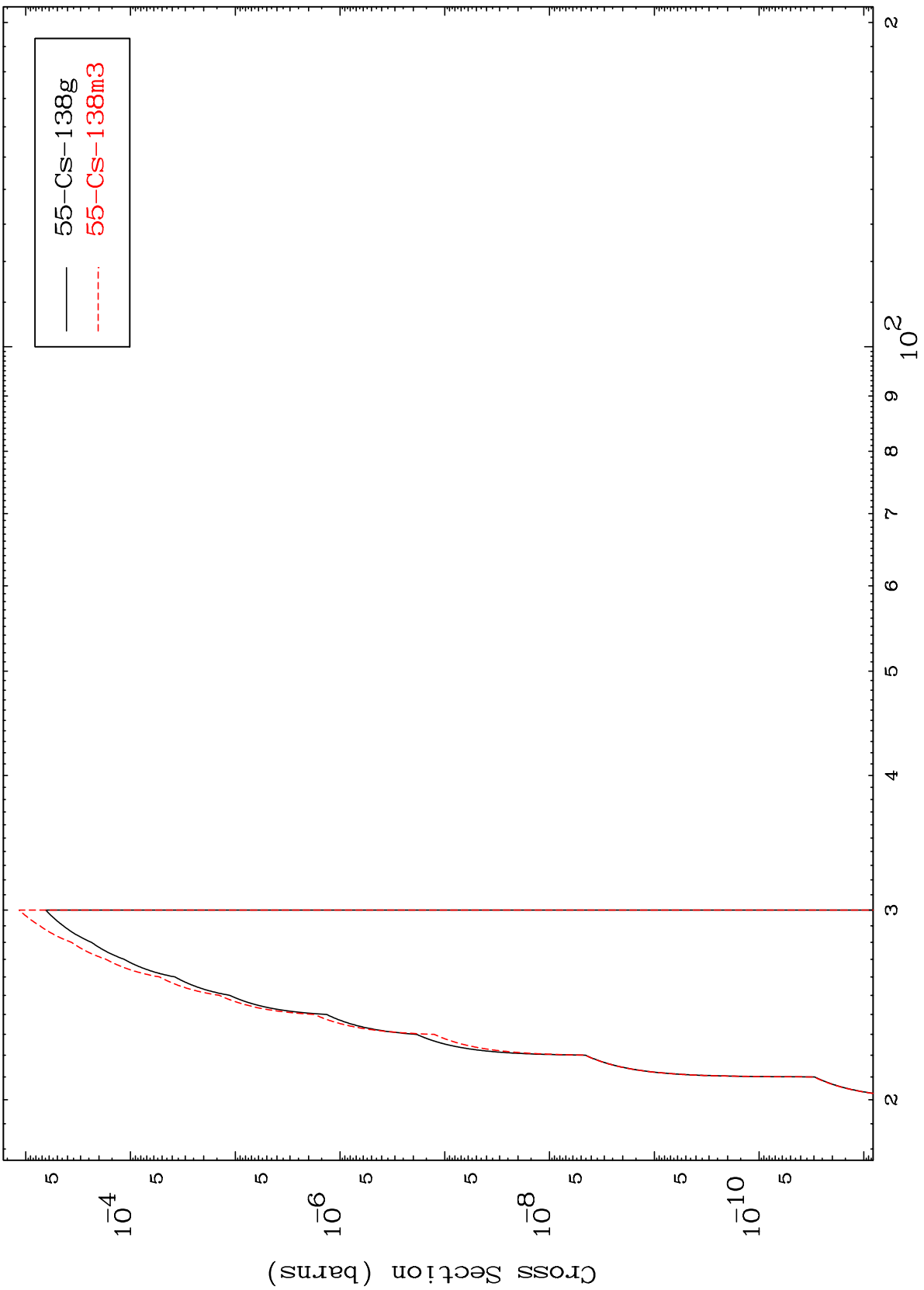


MAT 5658

(n,2n) d

56-Ba-141

Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

136

Incident Energy (MeV)

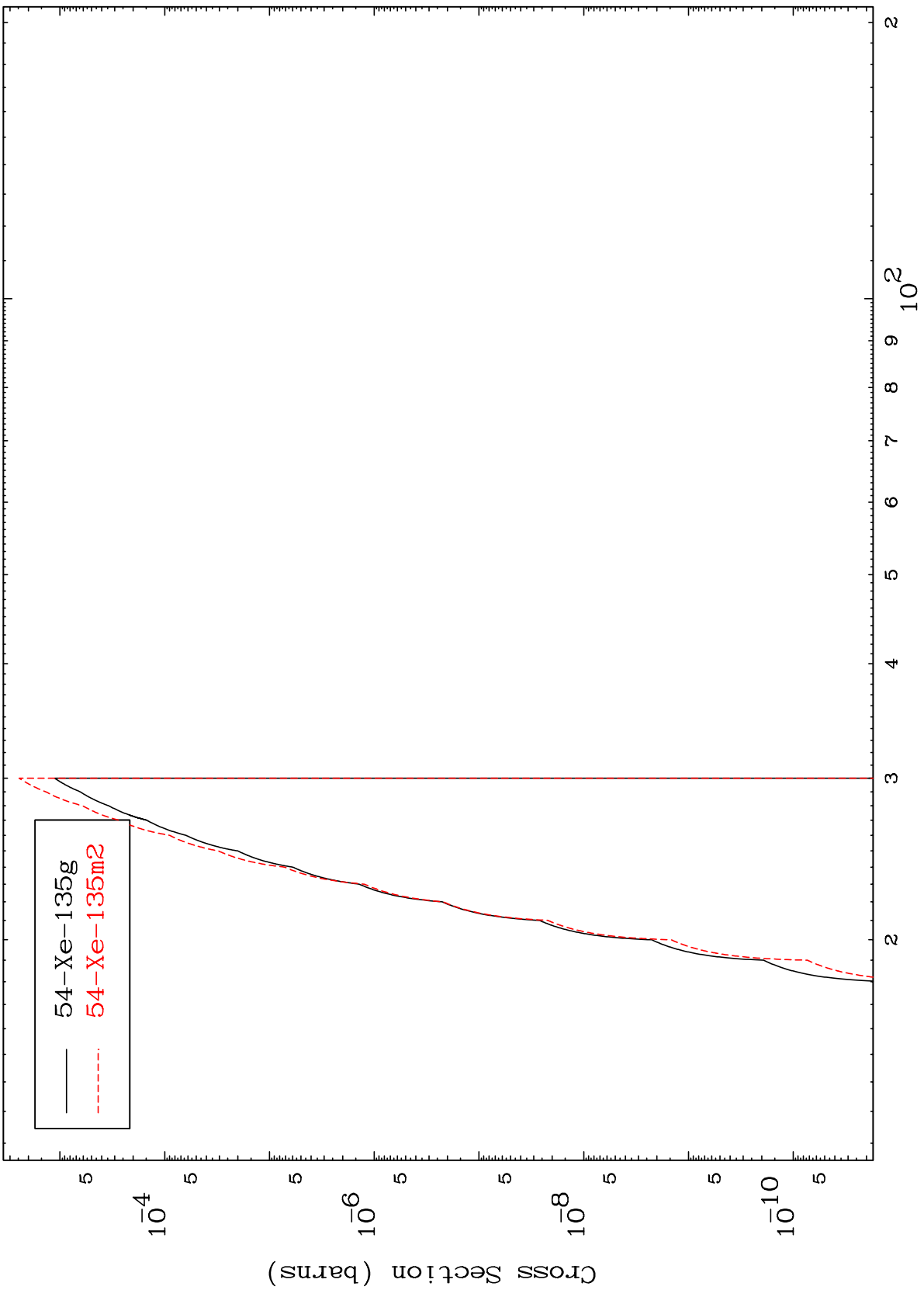
56-Ba-141

MAT 5658

(n,3n) α

56-Ba-141

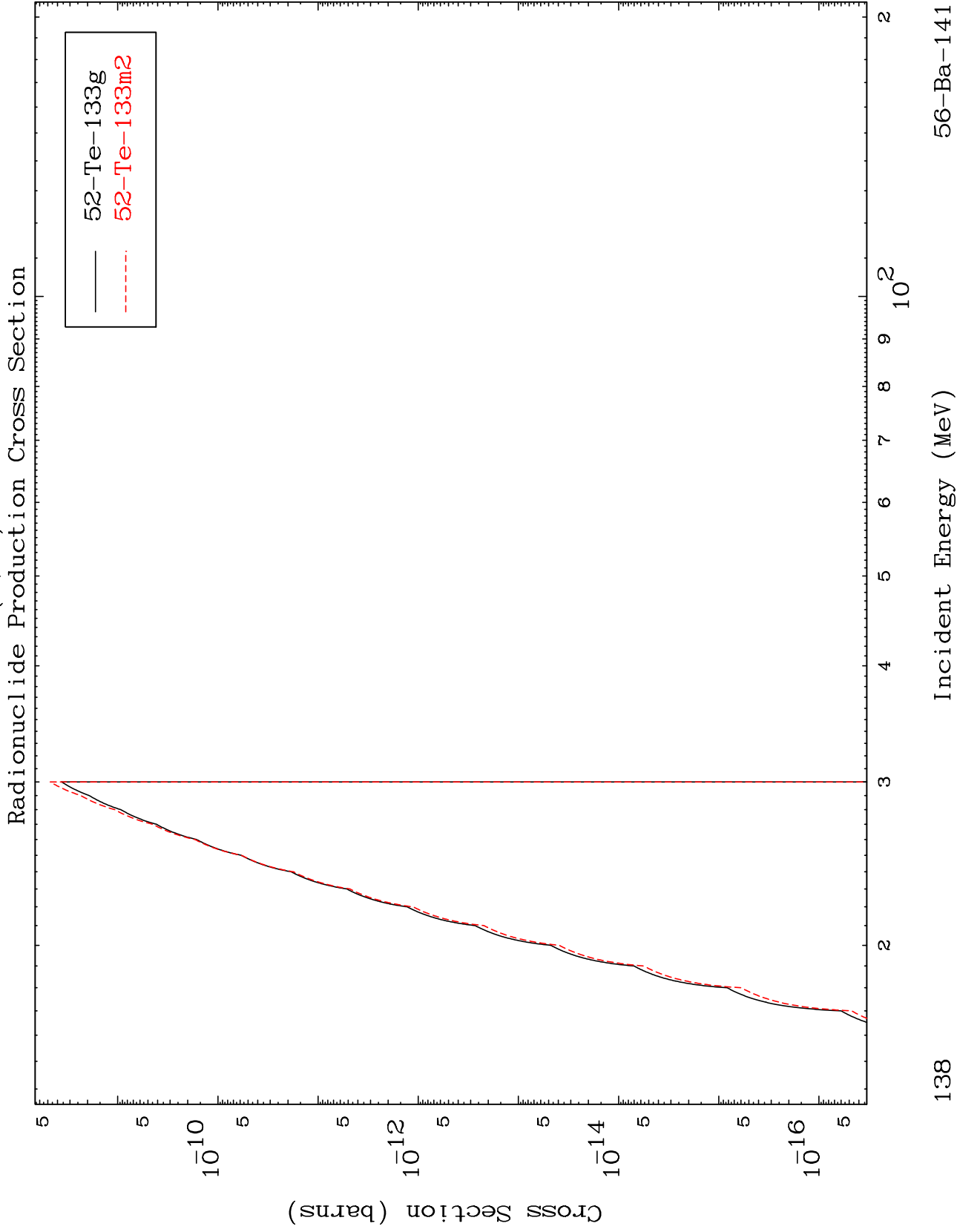
Radionuclide Production Cross Section



137

Incident Energy (MeV)

56-Ba-141

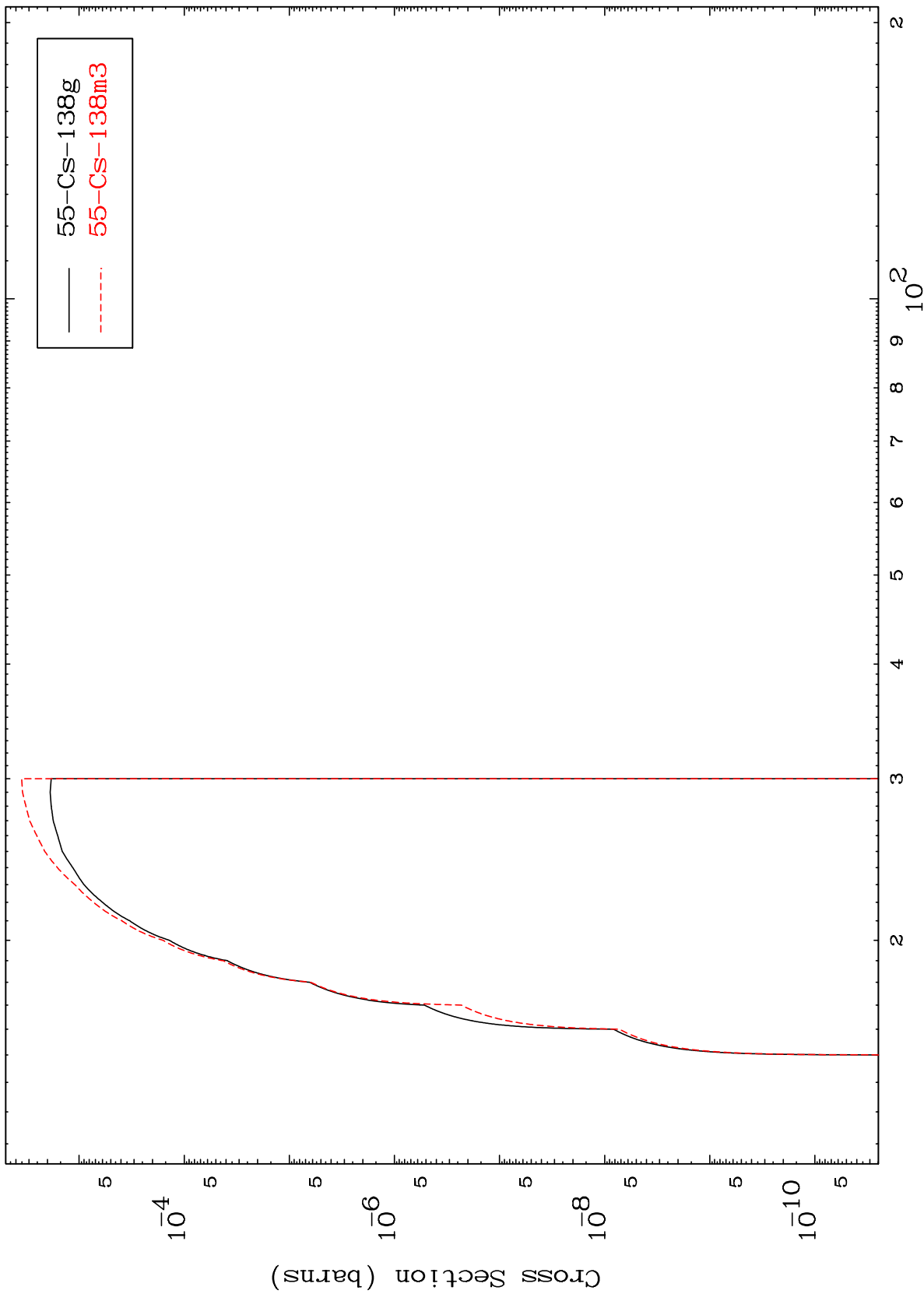


MAT 5658

(n,n') t

56-Ba-141

Radionuclide Production Cross Section



139

Incident Energy (MeV)

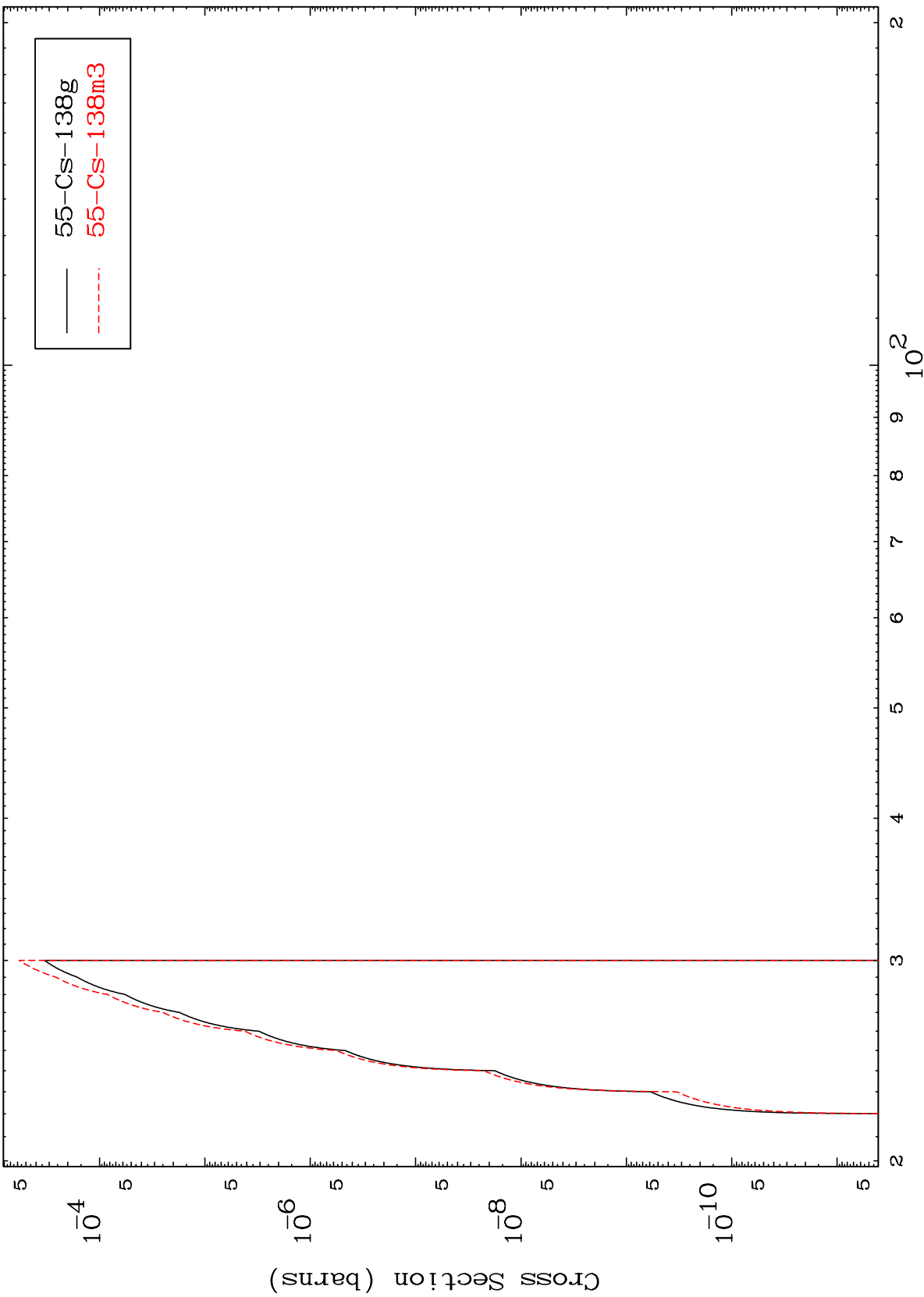
56-Ba-141

MAT 5658

(n,3n) p

56-Ba-141

Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

140

Incident Energy (MeV)

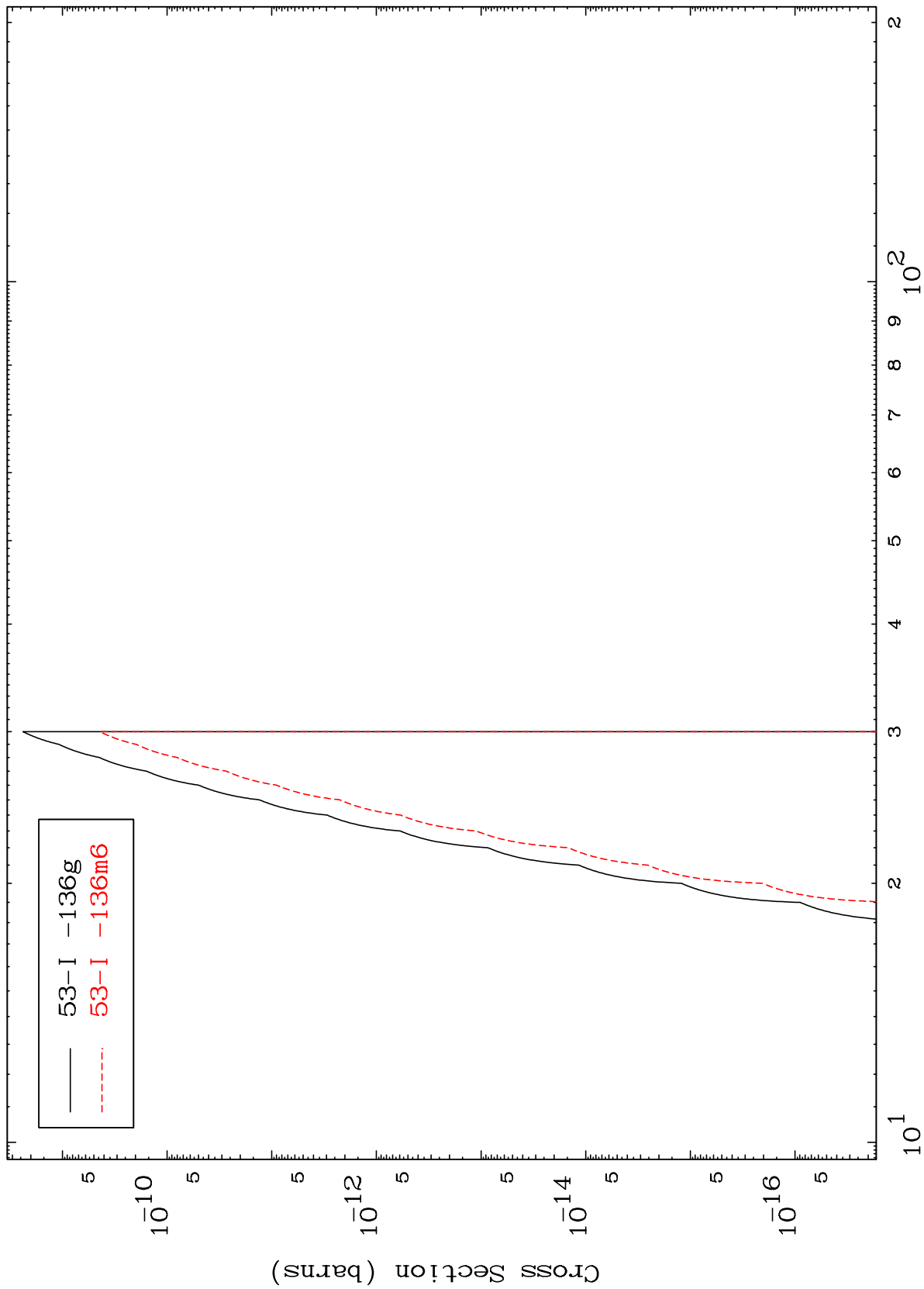
56-Ba-141

MAT 5658

(n,n') p α

56-Ba-141

Radionuclide Production Cross Section



141

Incident Energy (MeV)

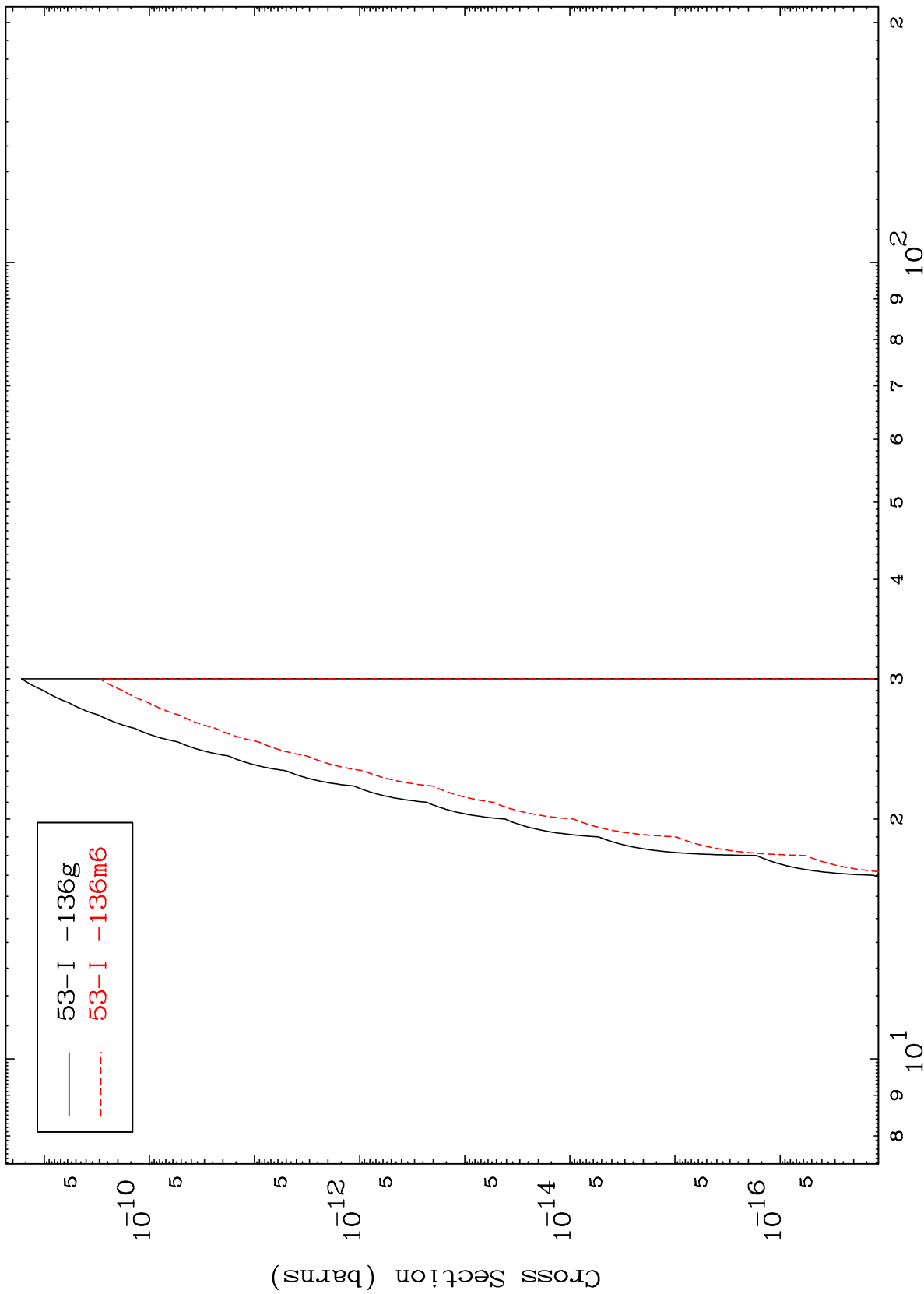
56-Ba-141

MAT 5658

(n,d) α

56-Ba-141

Radionuclide Production Cross Section



142

Incident Energy (MeV)

56-Ba-141