

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

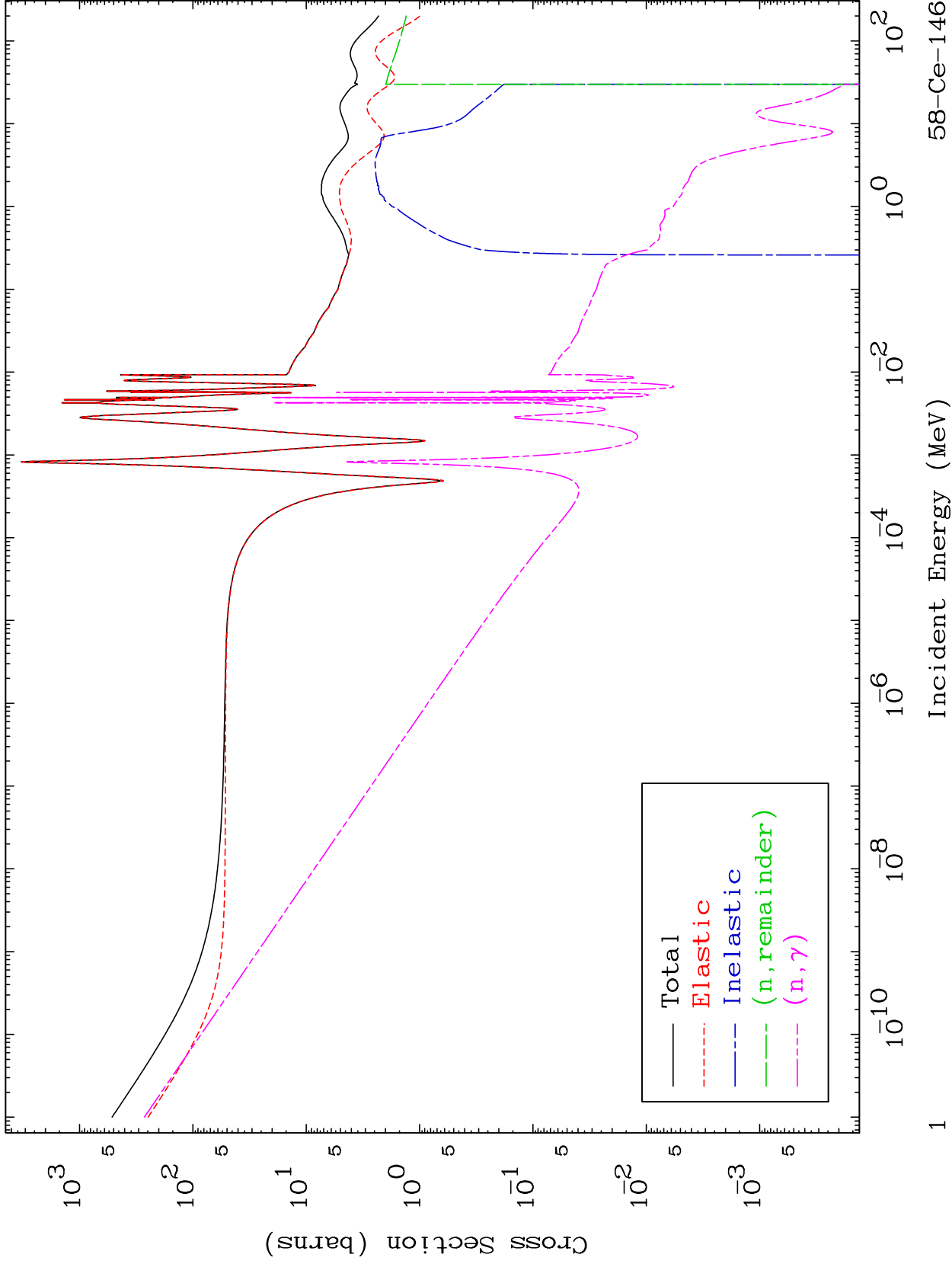
Press Mouse Button to Start

MAT 5855

Major

293 Kelvin Cross Sections

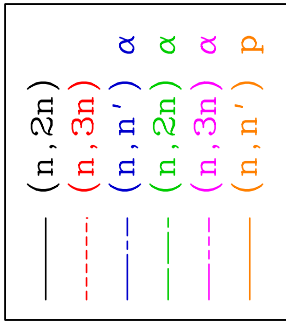
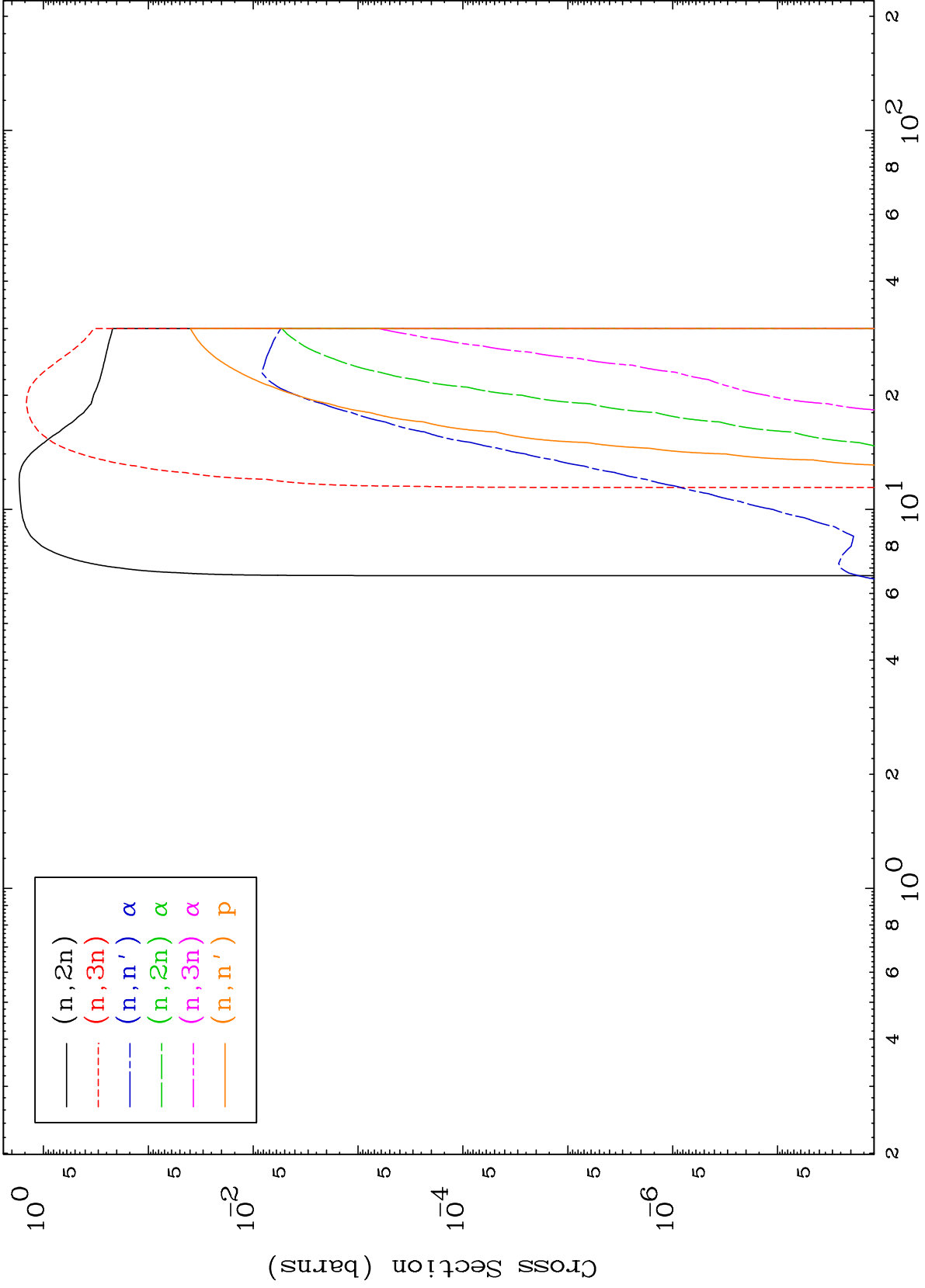
58-Ce-146



MAT 5855

Neutron Production
293 Kelvin Cross Sections

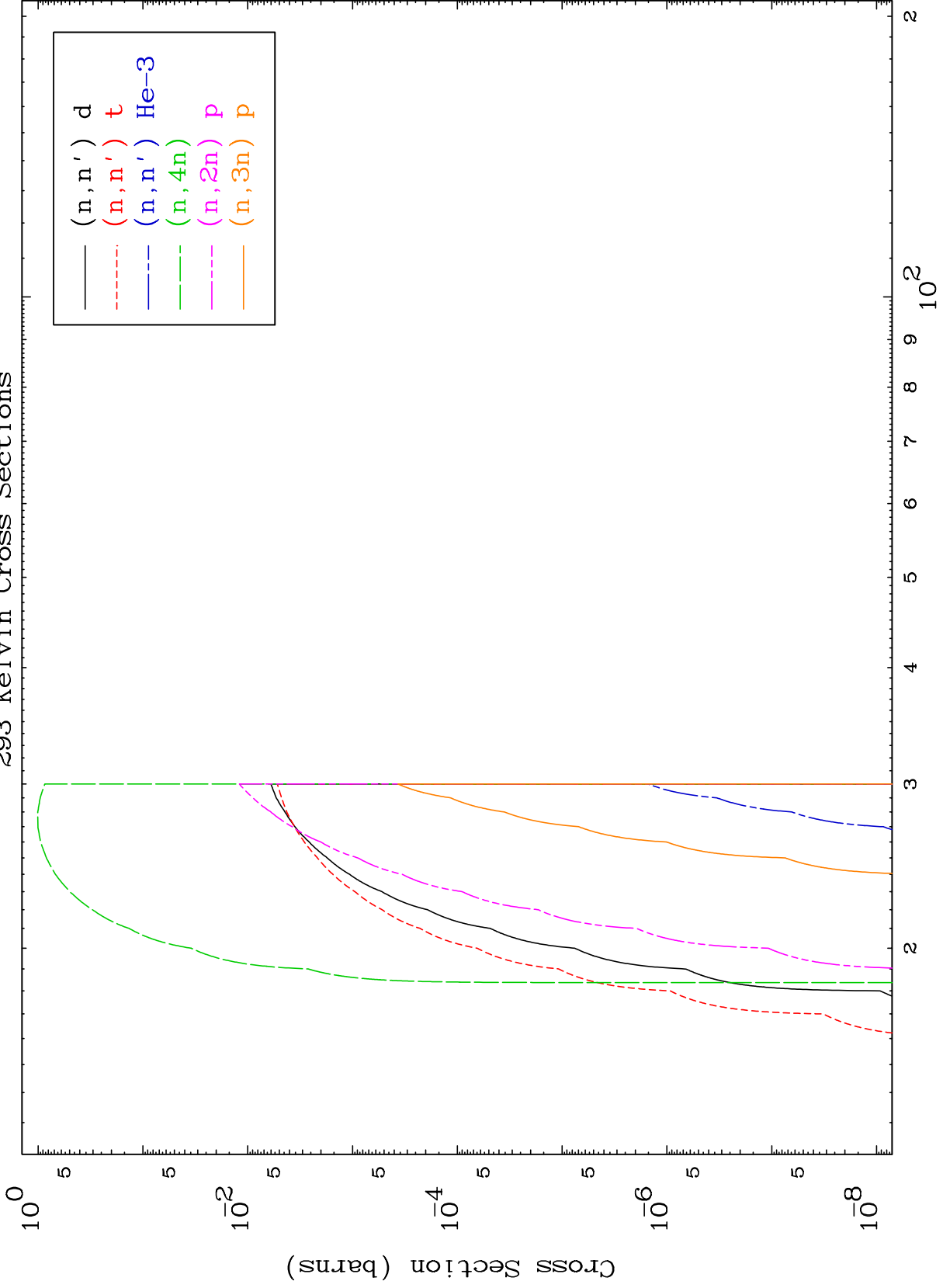
58-Ce-146



58-Ce-146

Incident Energy (MeV)

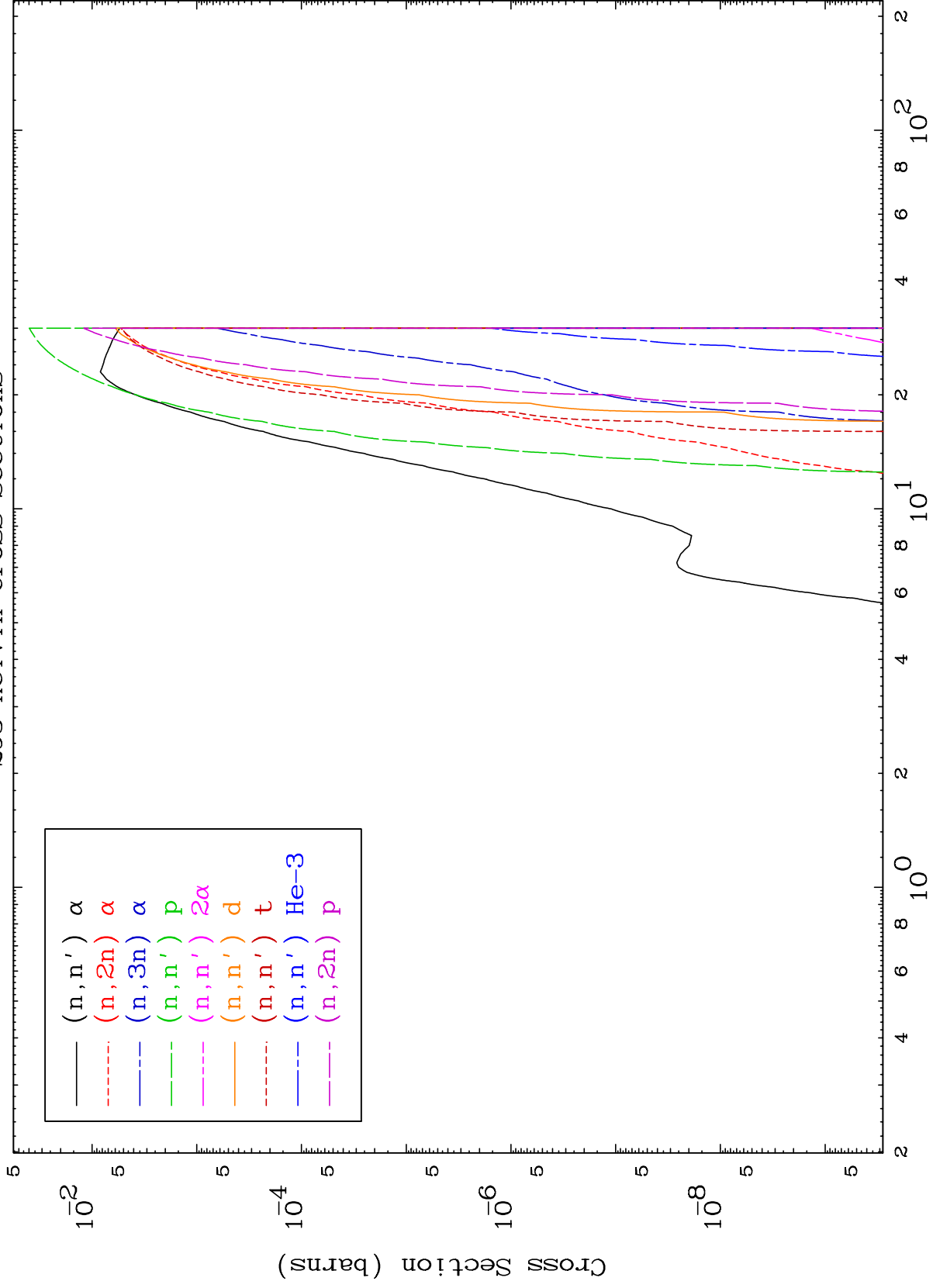
2



MAT 5855

Charged Particle
293 Kelvin Cross Sections

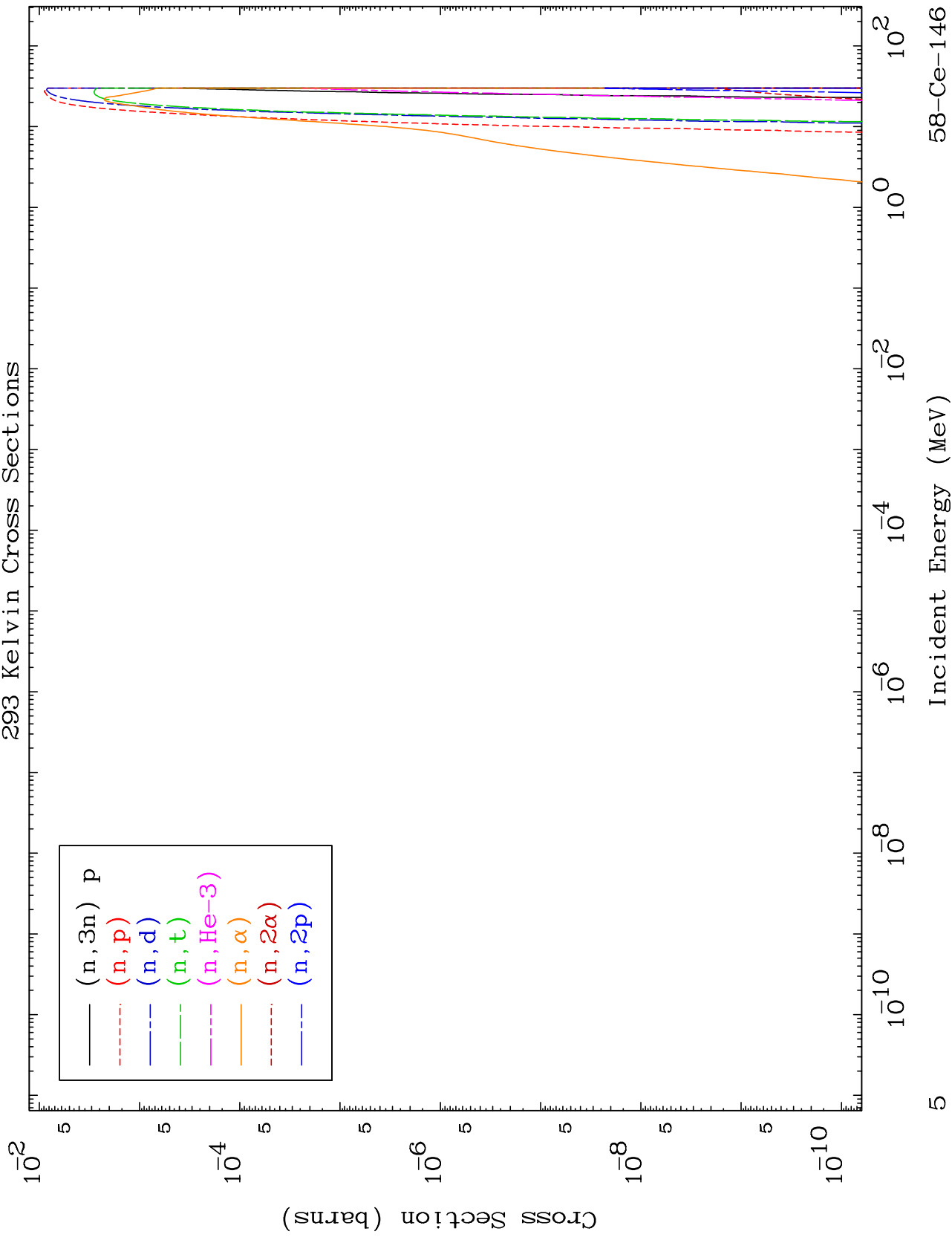
58-Ce-146



MAT 5855

Charged Particle
293 Kelvin Cross Sections

58-Ce-146

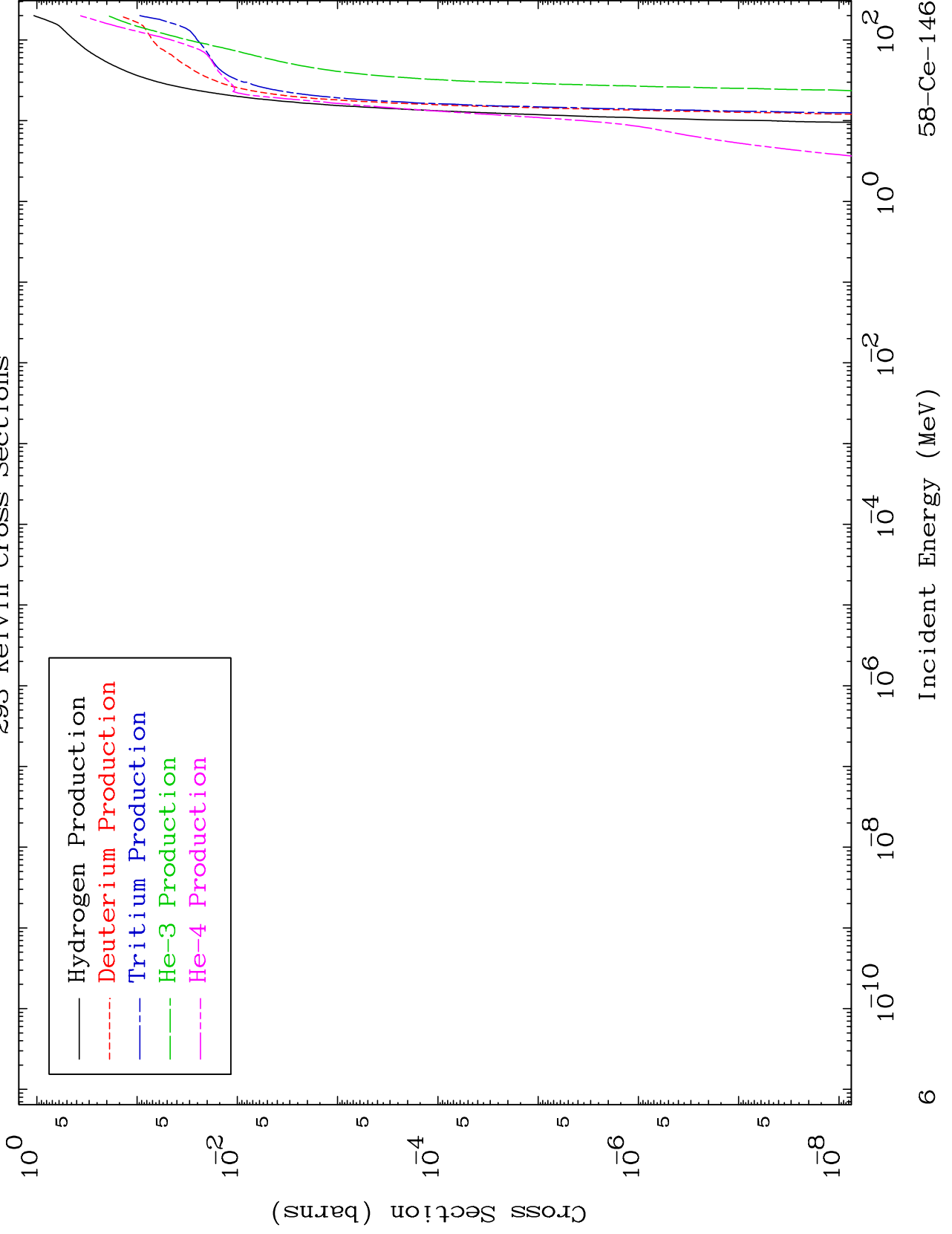


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Particle Production
293 Kelvin Cross Sections

58-Ce-146

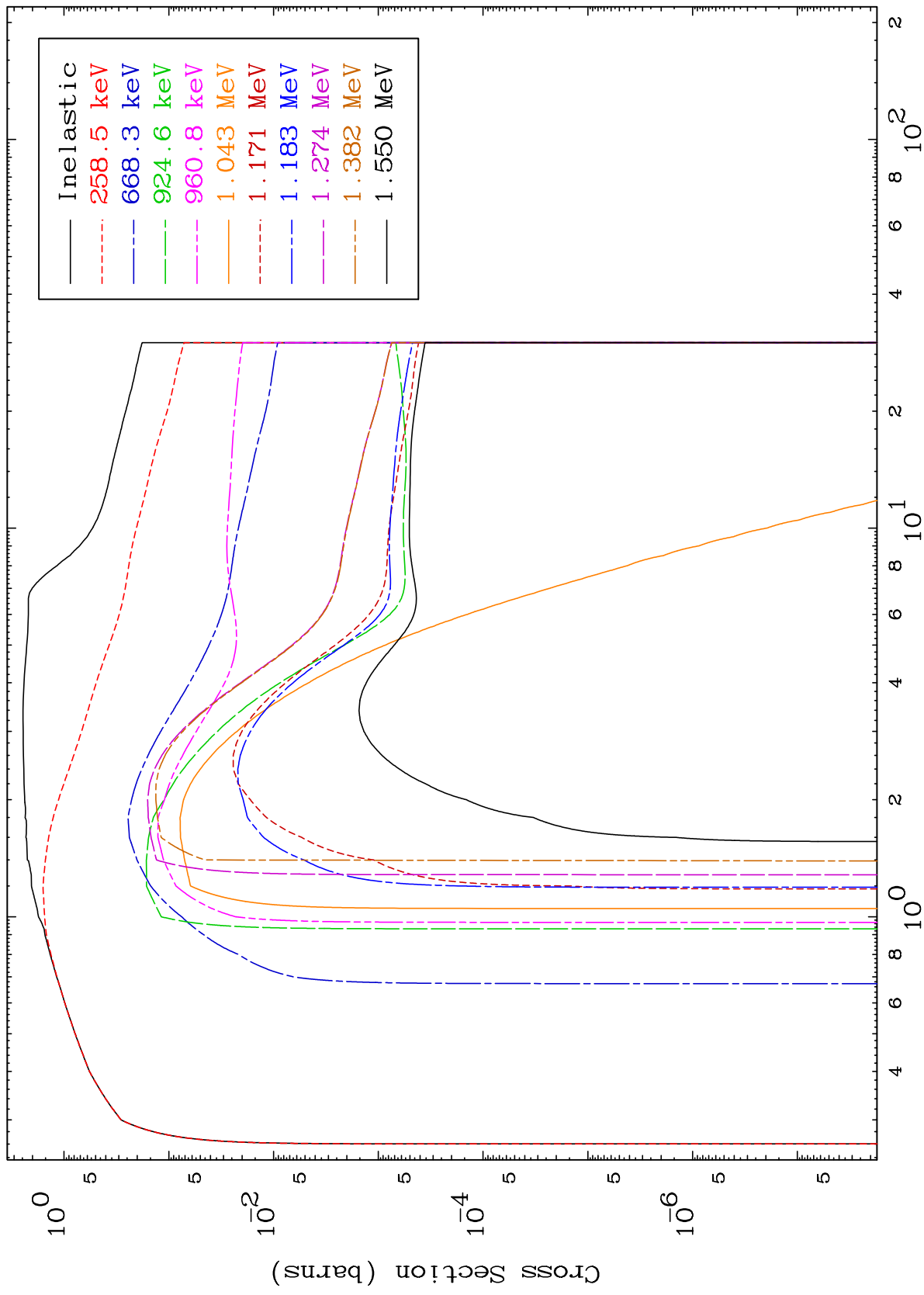


MAT 5855

(n,n') Level

58-Ce-146

293 Kelvin Cross Sections



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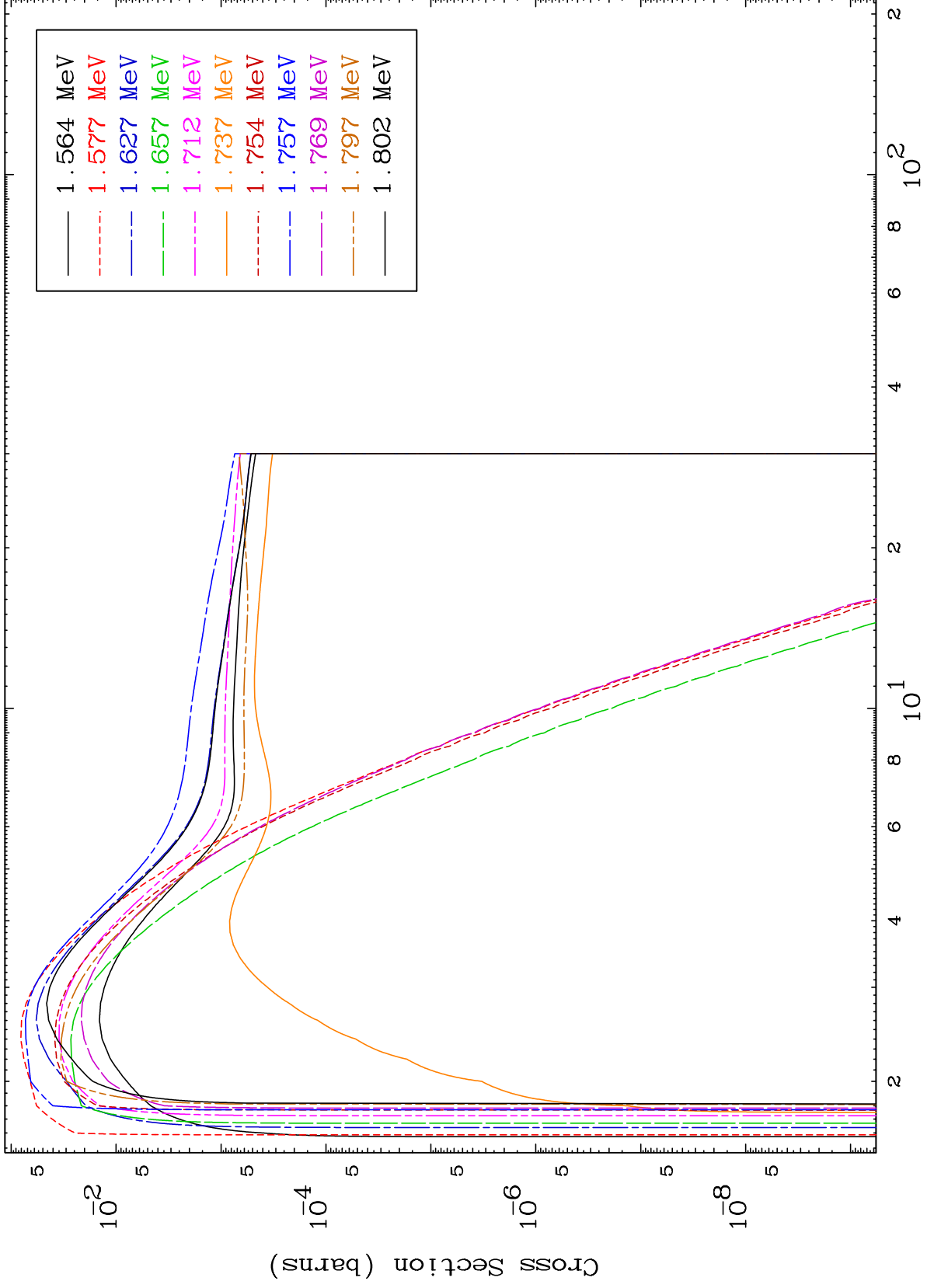
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,n') Level
293 Kelvin Cross Sections

58-Ce-146



8

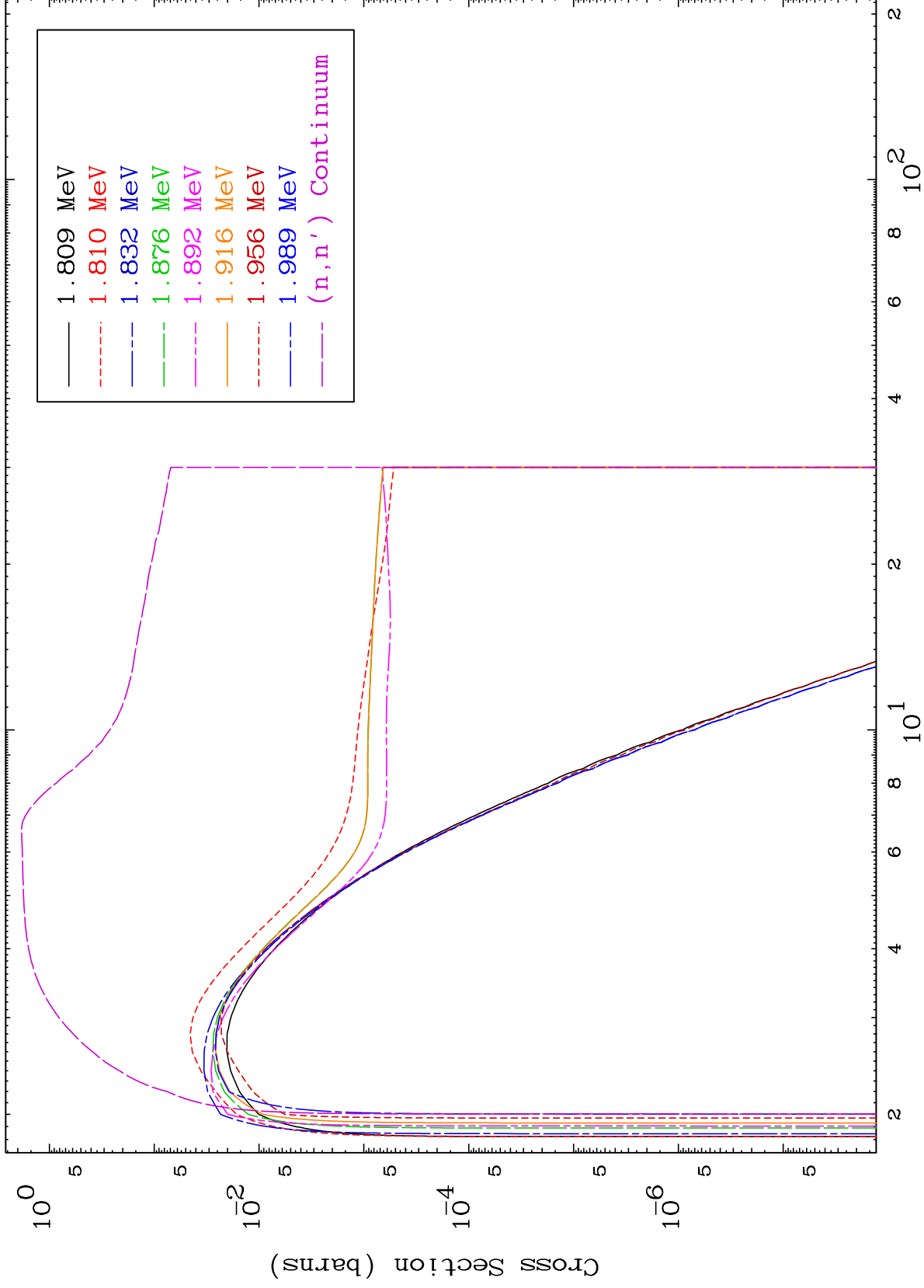
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,n') Level
293 Kelvin Cross Sections

58-Ce-146



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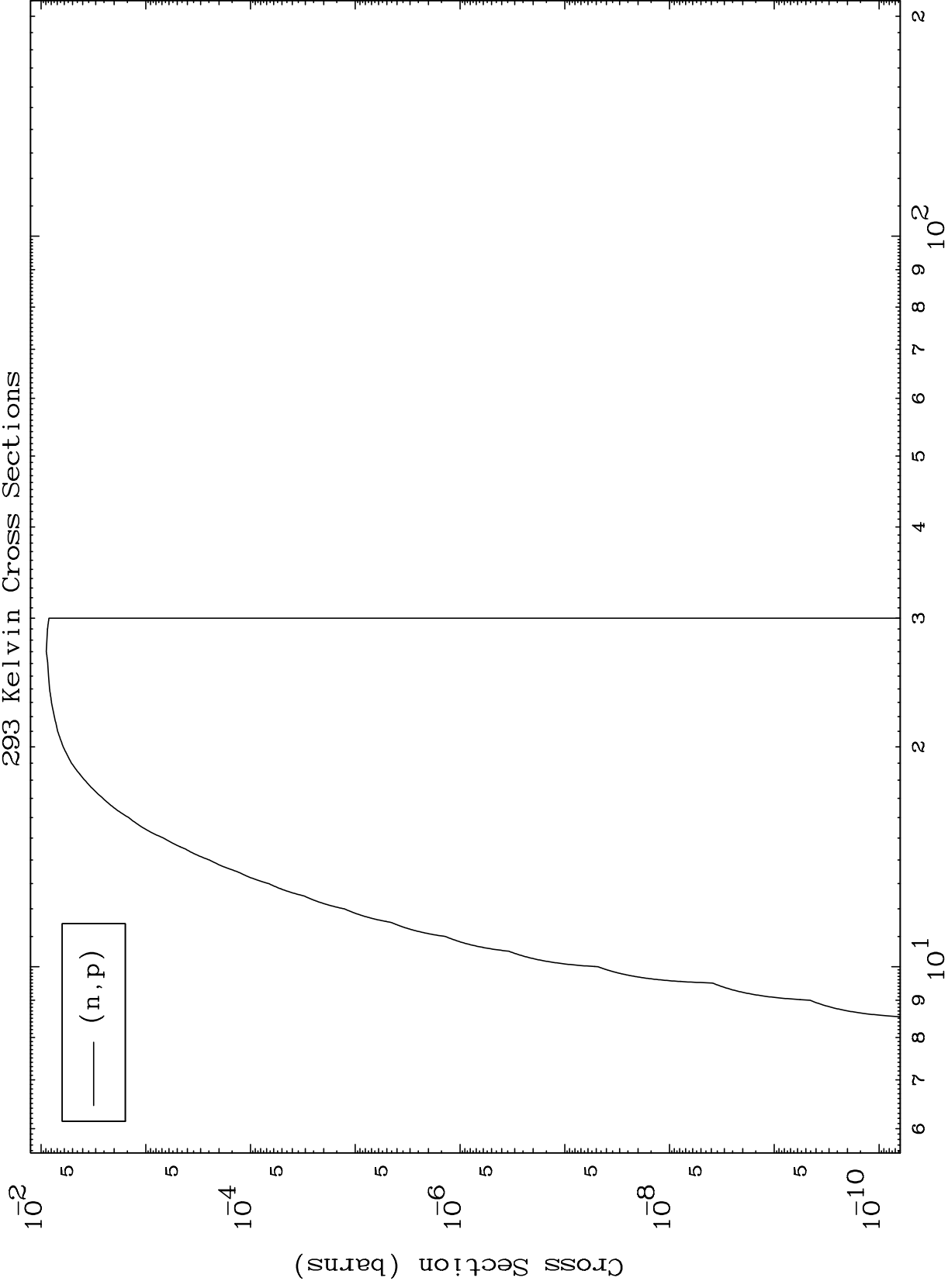
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-146



10

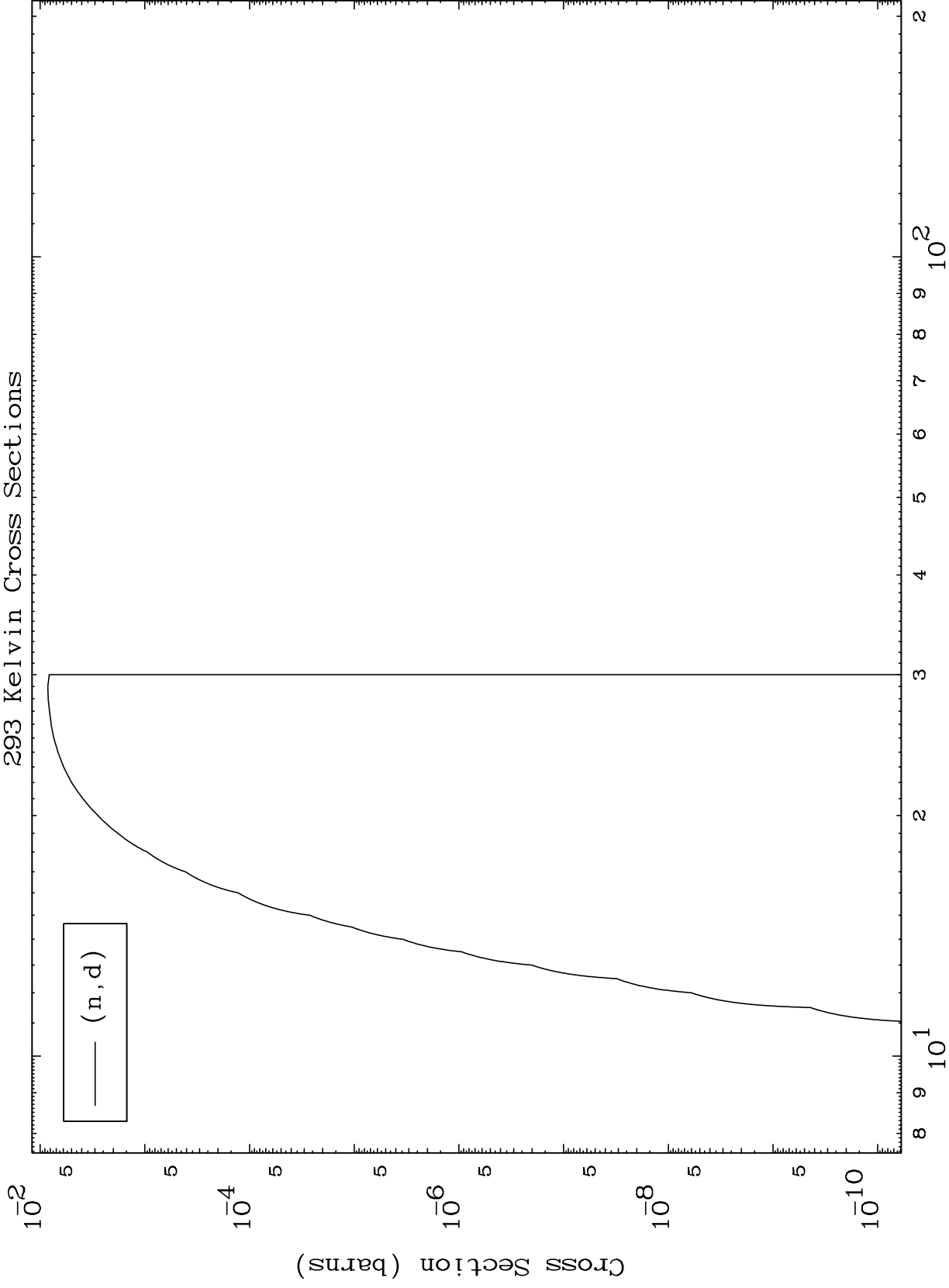
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-146



11

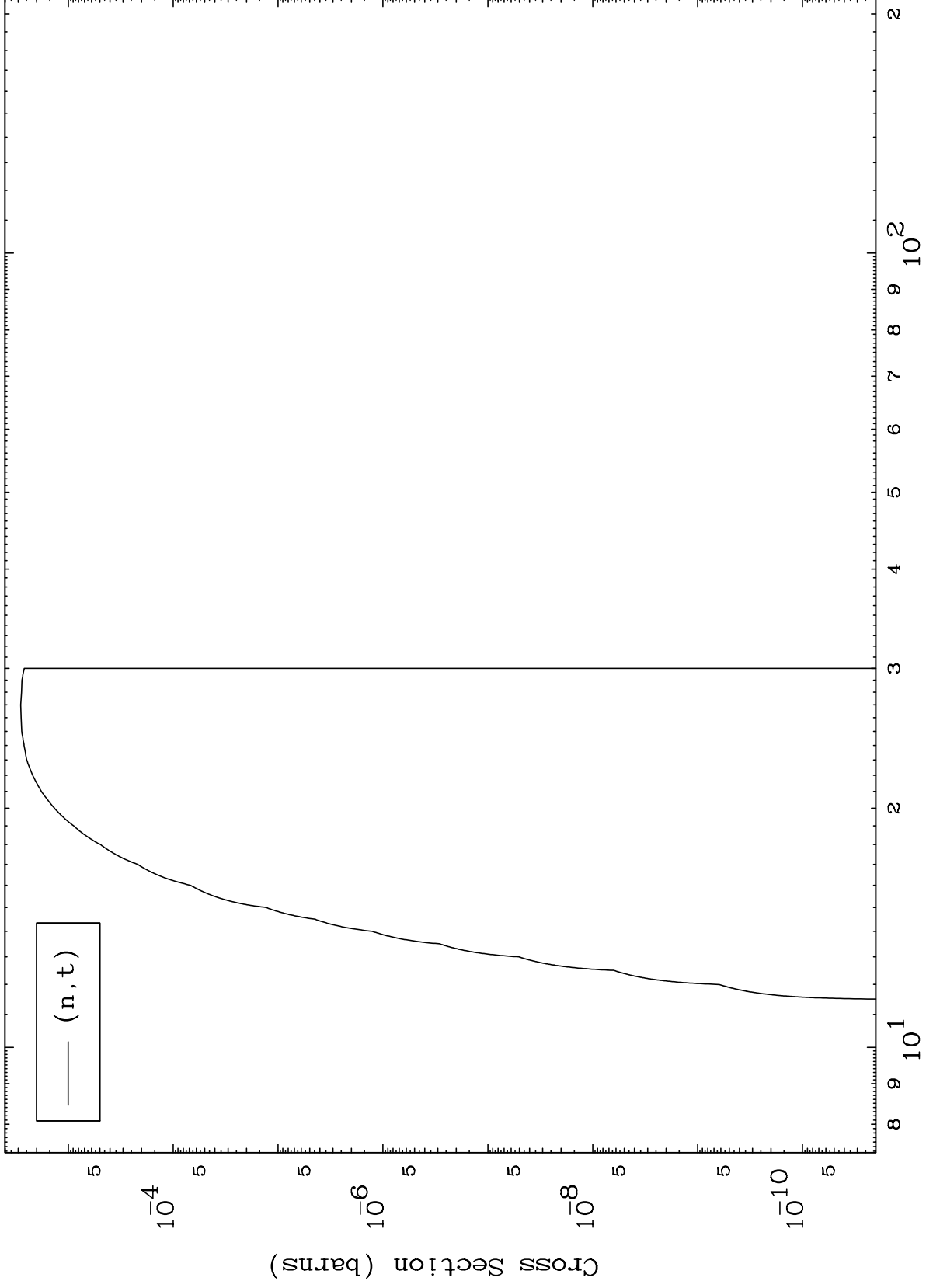
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-146



12

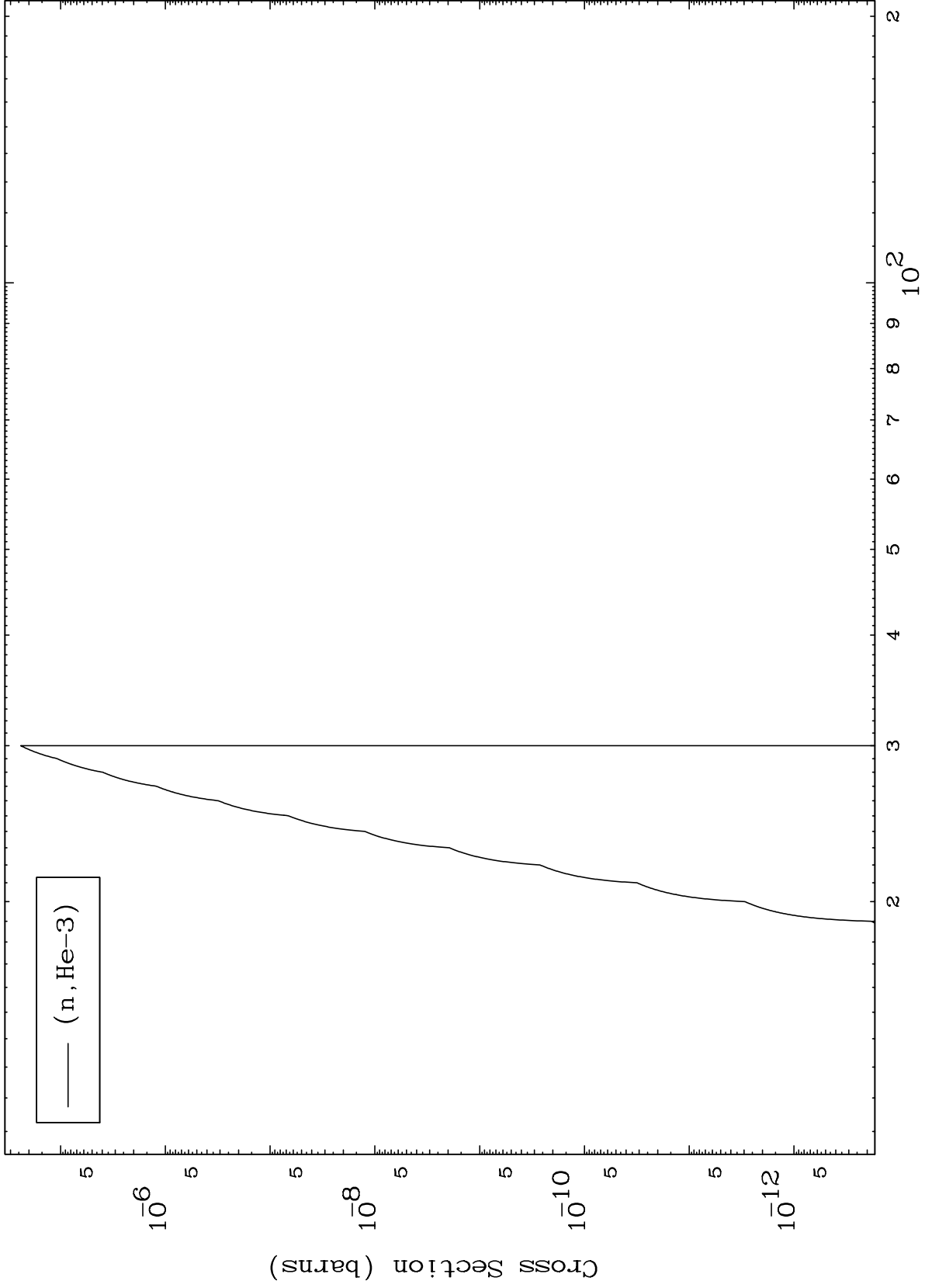
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-146



13

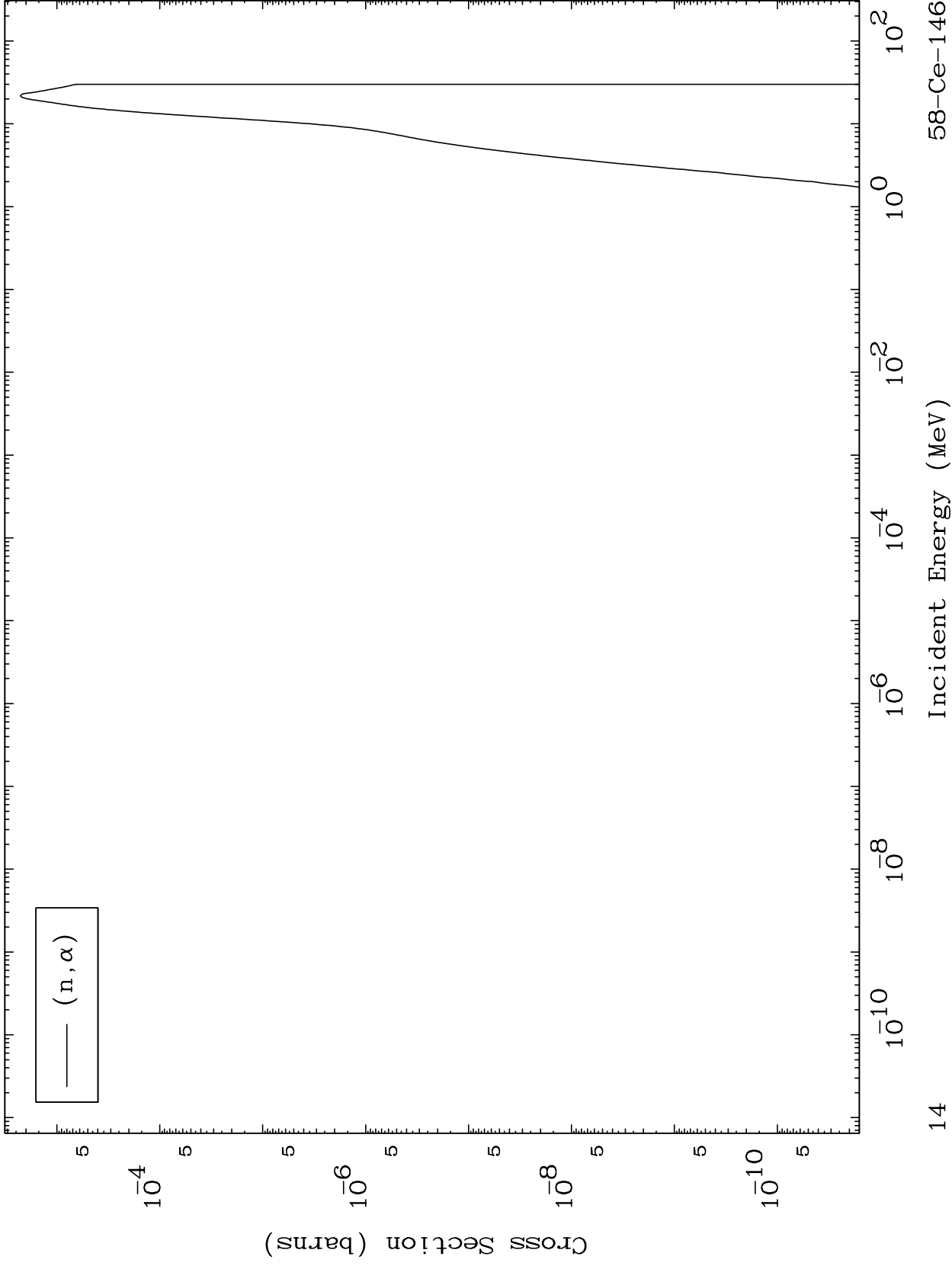
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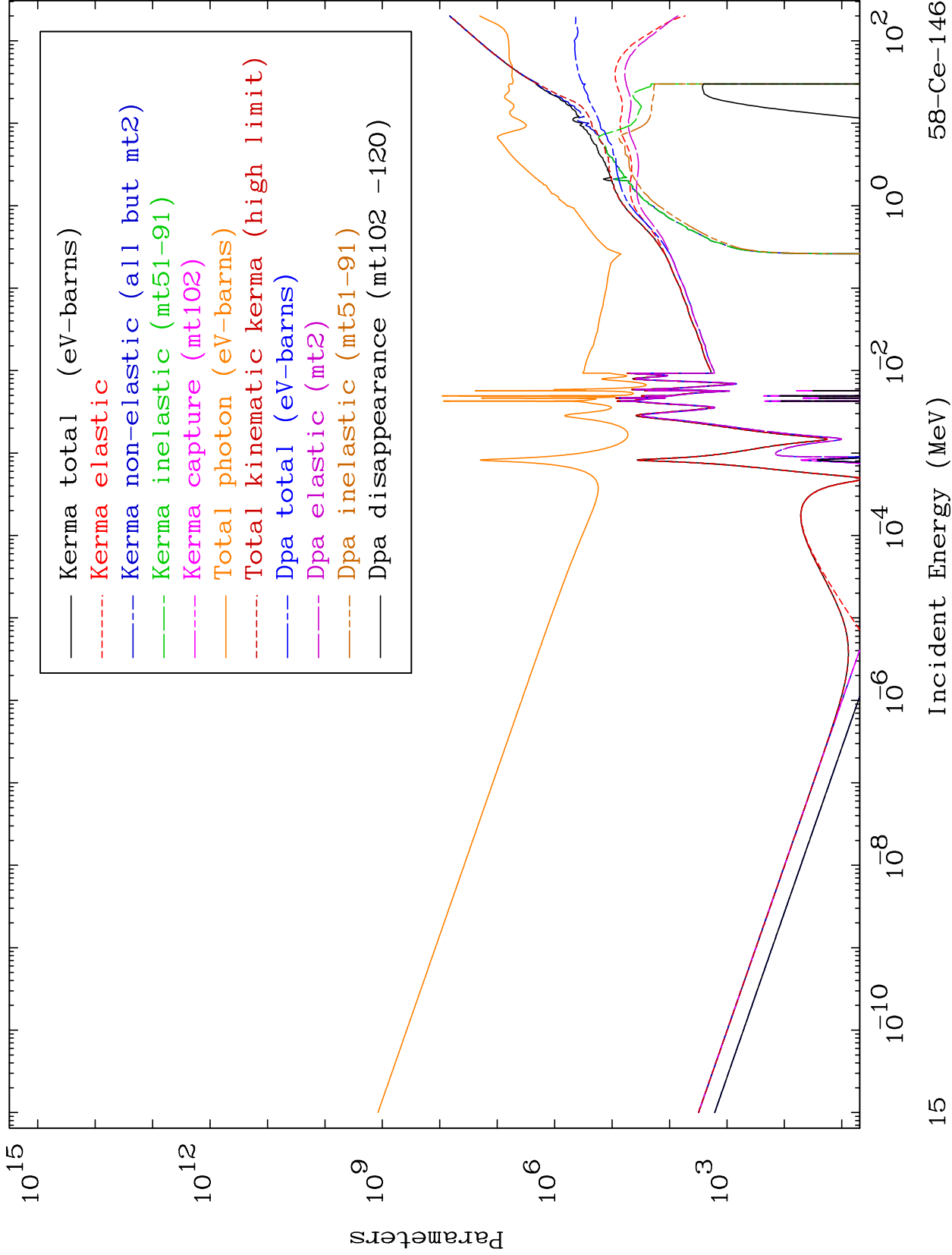
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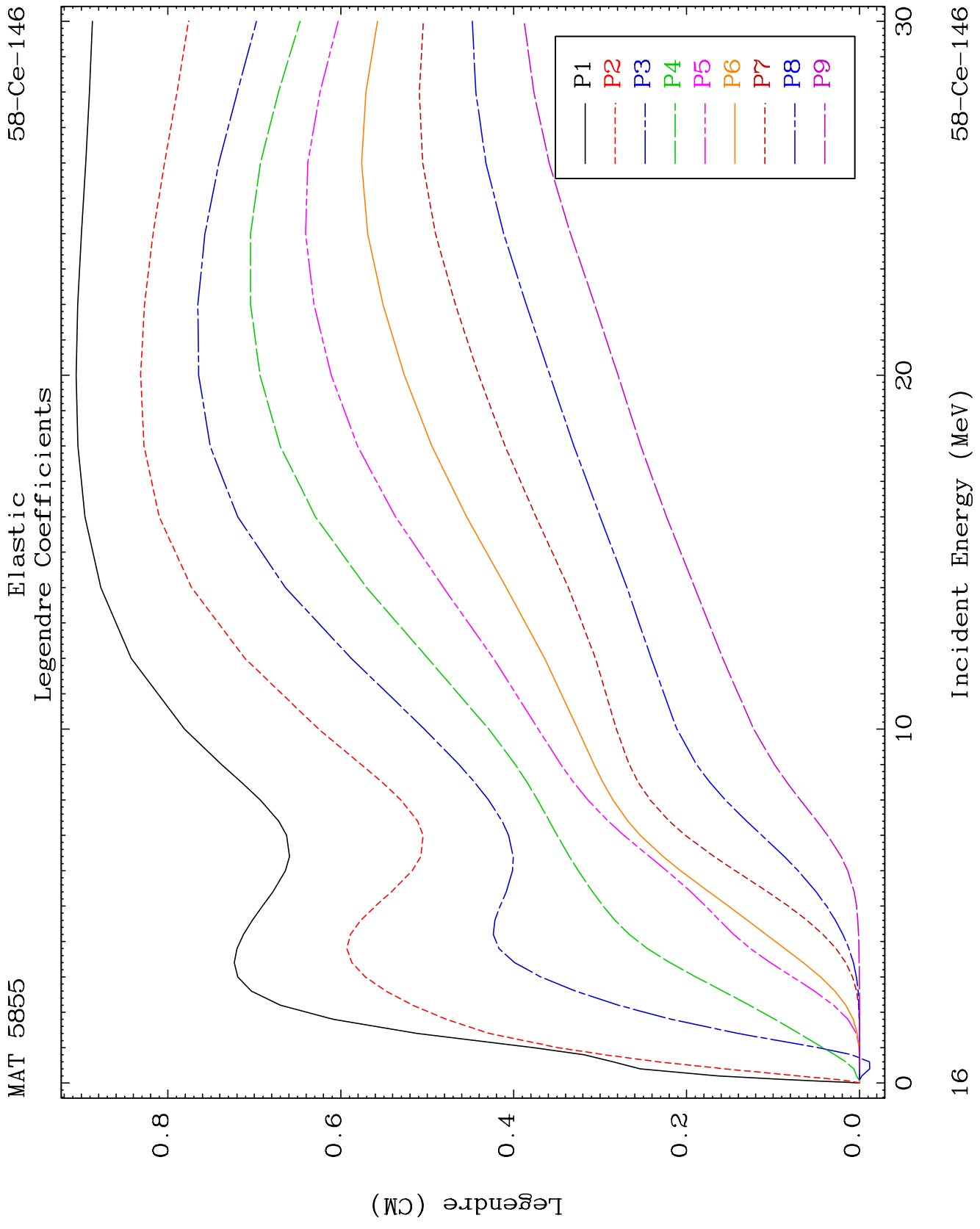
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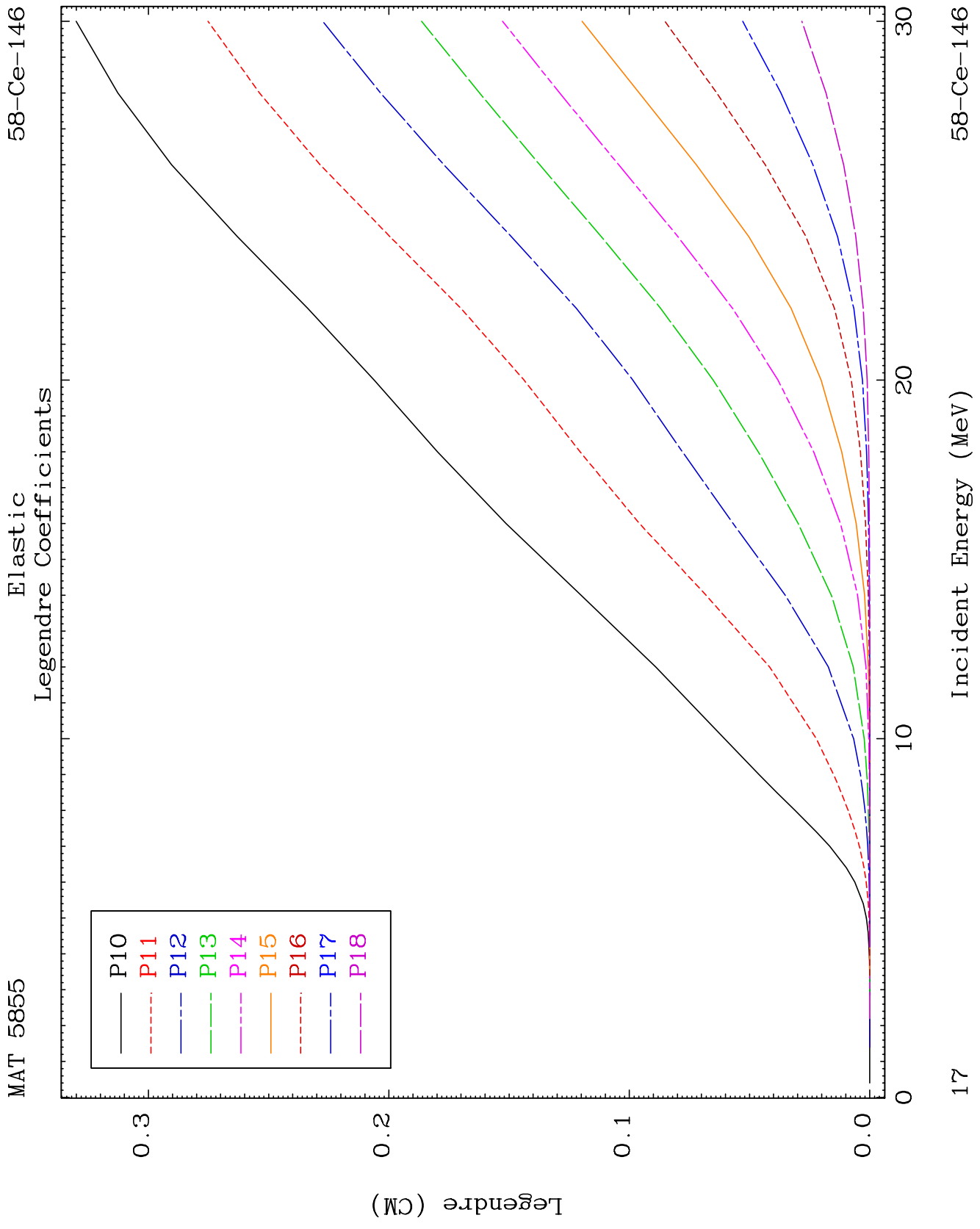
(n, α) Levels
293 Kelvin Cross Sections

58-Ce-146





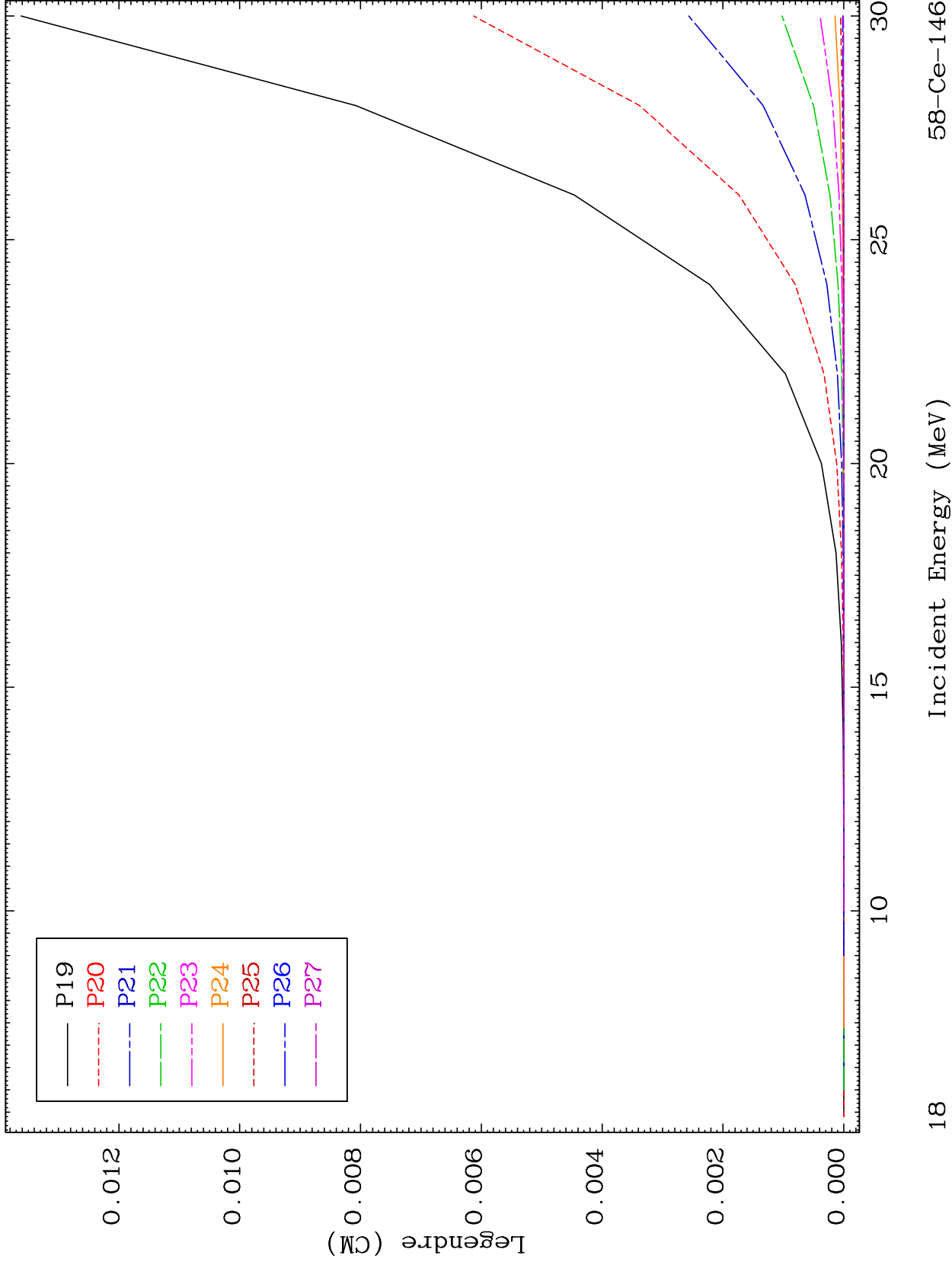




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Elastic Legendre Coefficients

58-Ce-146



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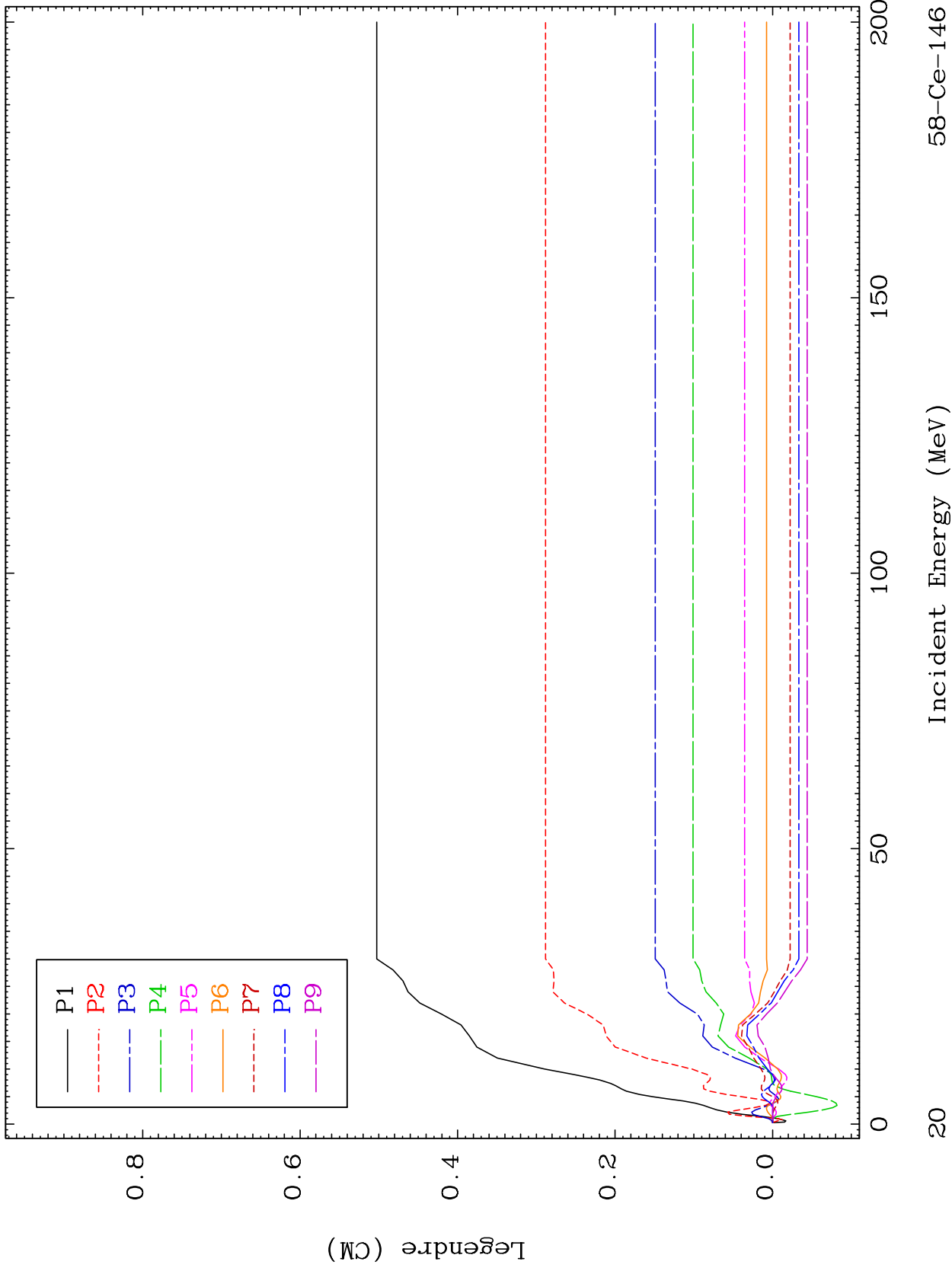
Incident Energy (MeV)

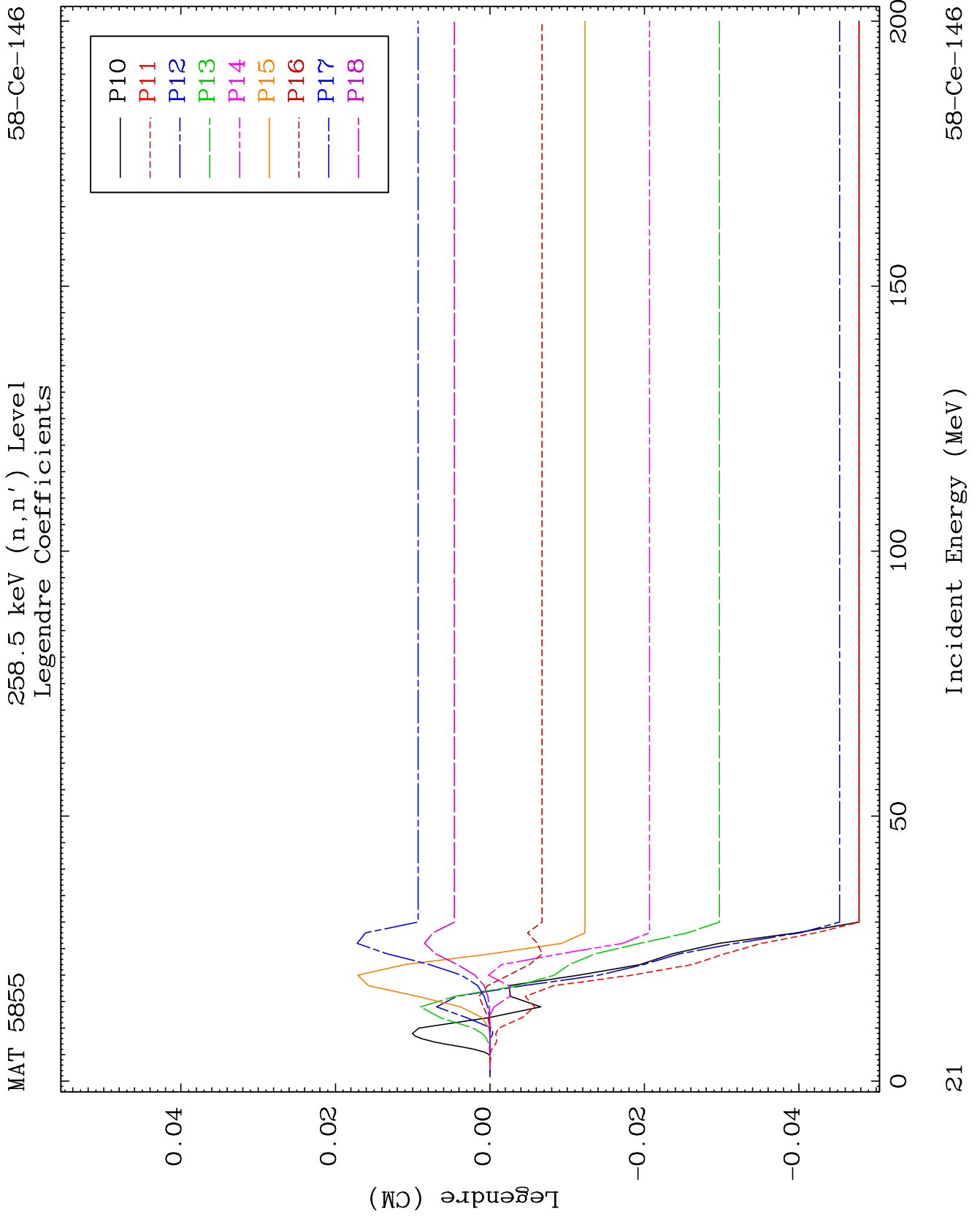
58-Ce-146

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258.5 keV (n,n') Level
Legendre Coefficients

58-Ce-146

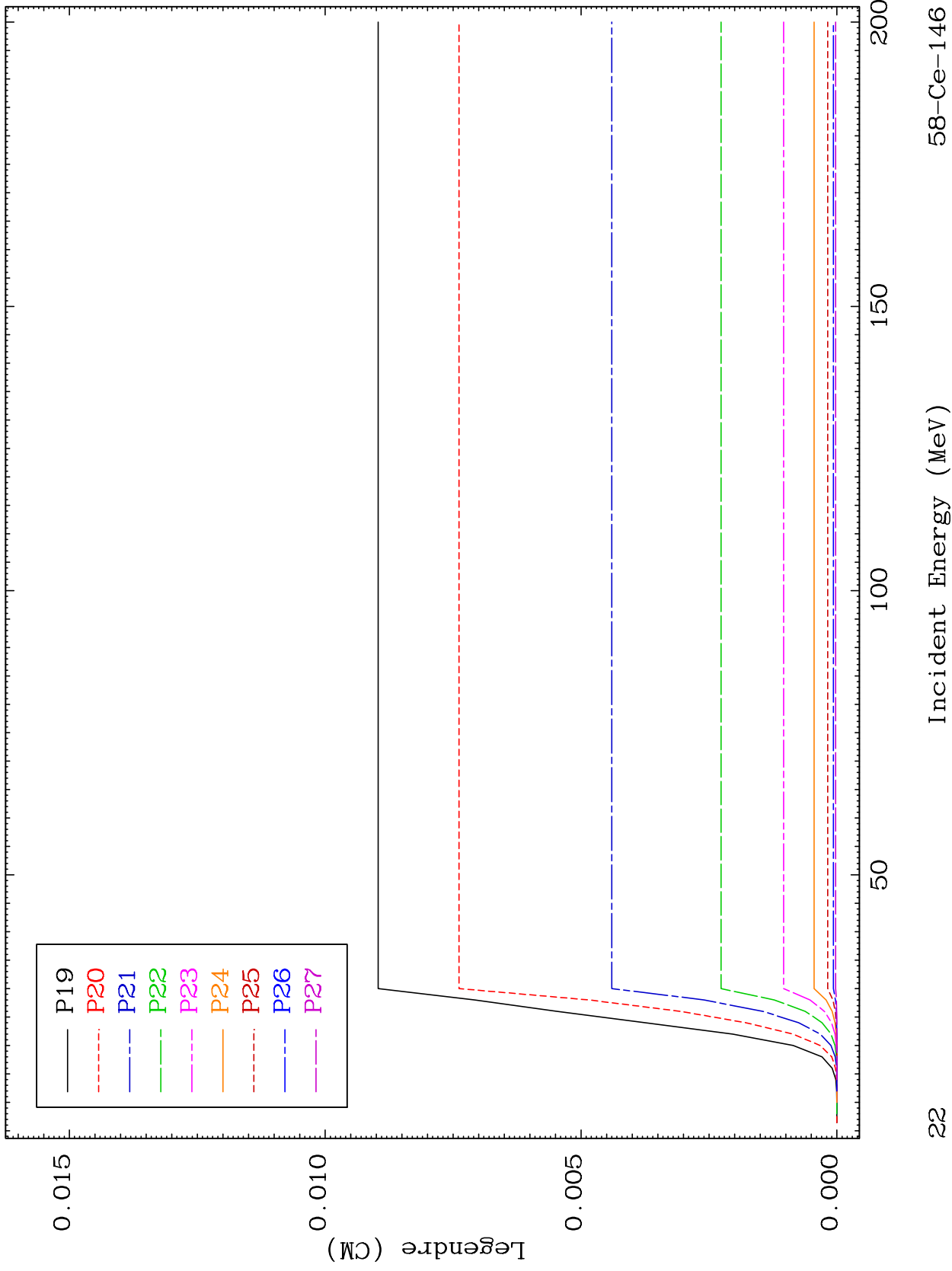




MAT 5855

258.5 keV (n,n') Level
Legendre Coefficients

58-Ce-146



22

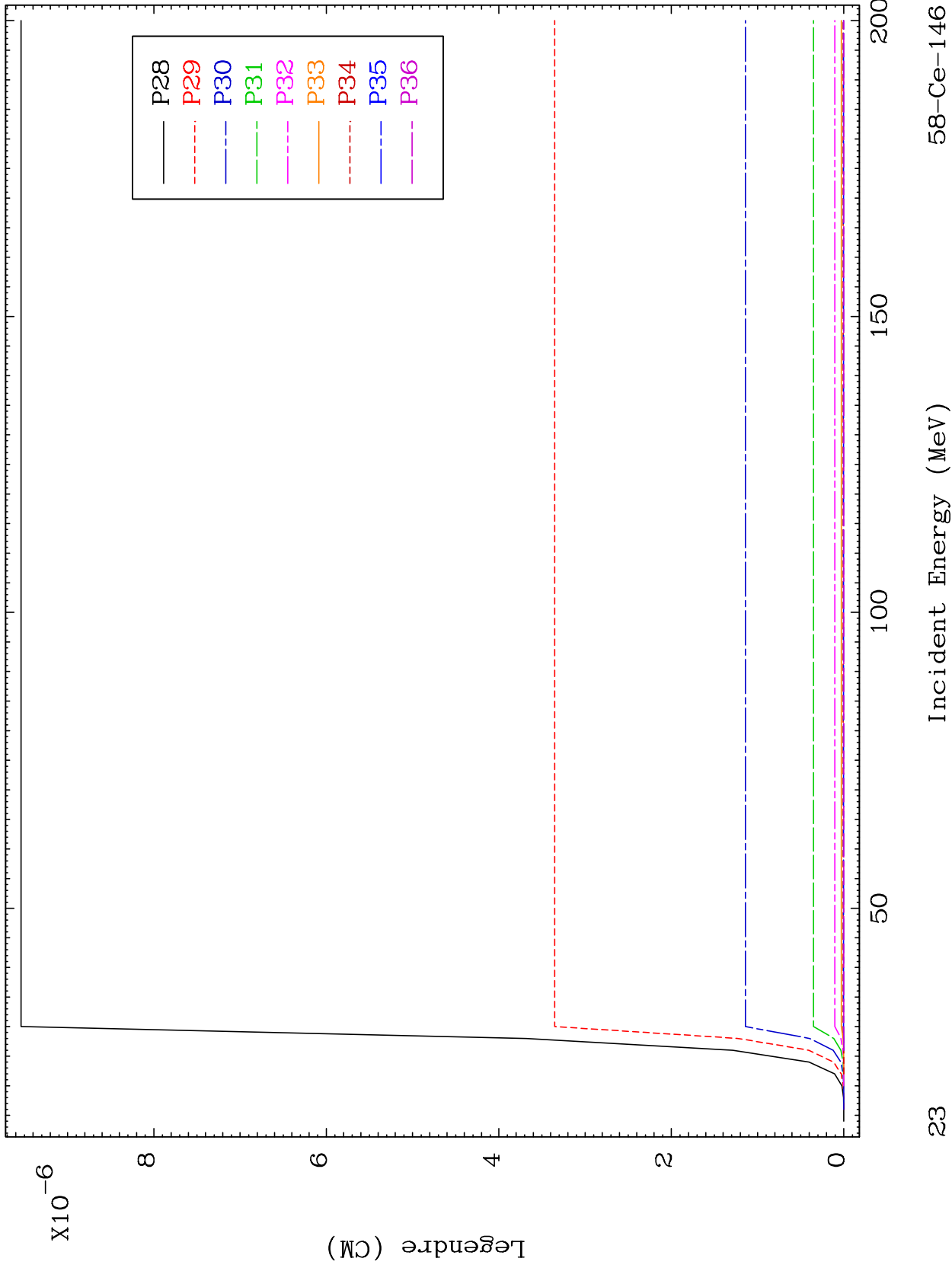
Incident Energy (MeV)

58-Ce-146

MAT 5855

258.5 keV (n,n') Level
Legendre Coefficients

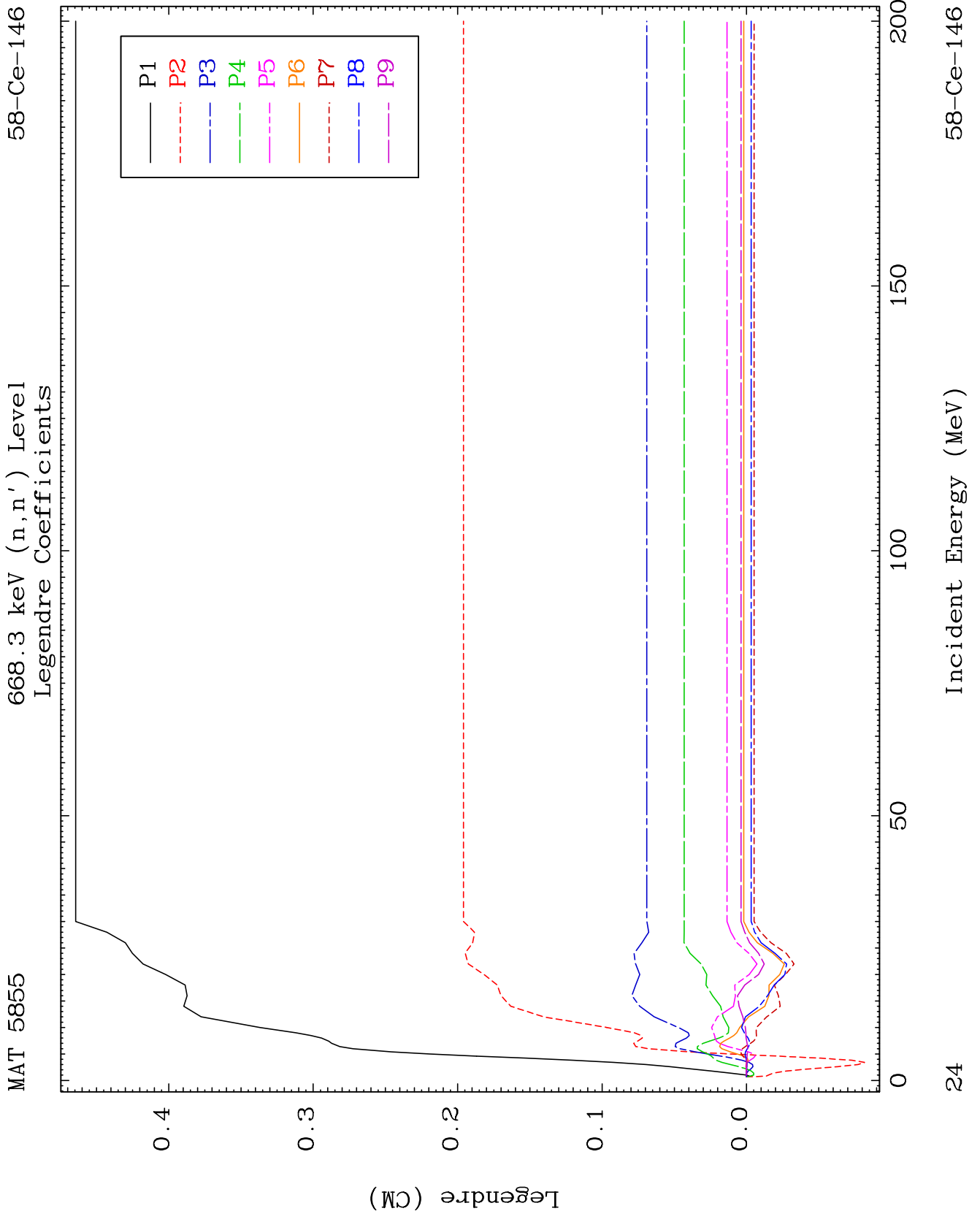
58-Ce-146



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Incident Energy (MeV)

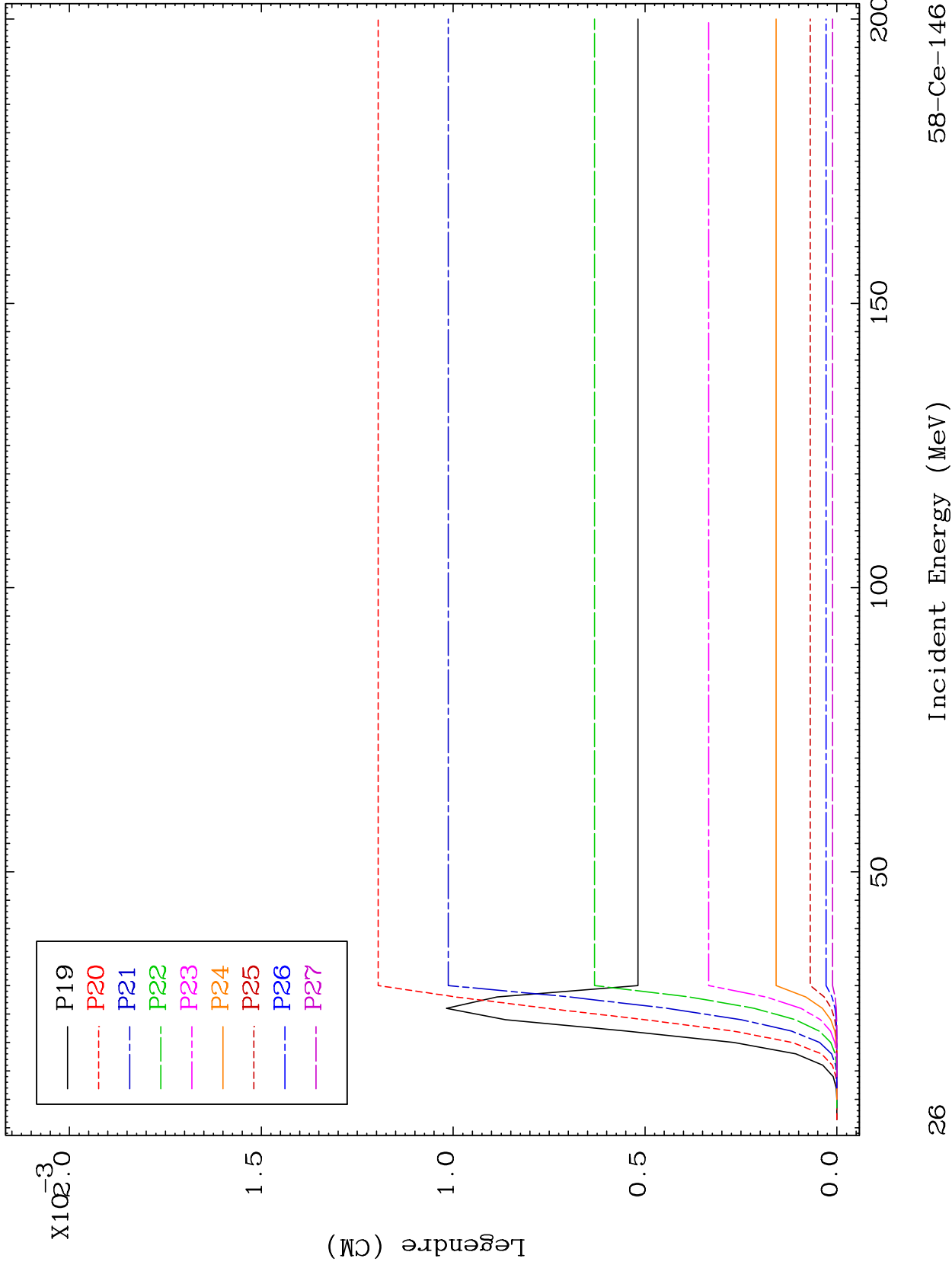
58-Ce-146



MAT 5855

668.3 keV (n, n') Level
Legendre Coefficients

58-Ce-146

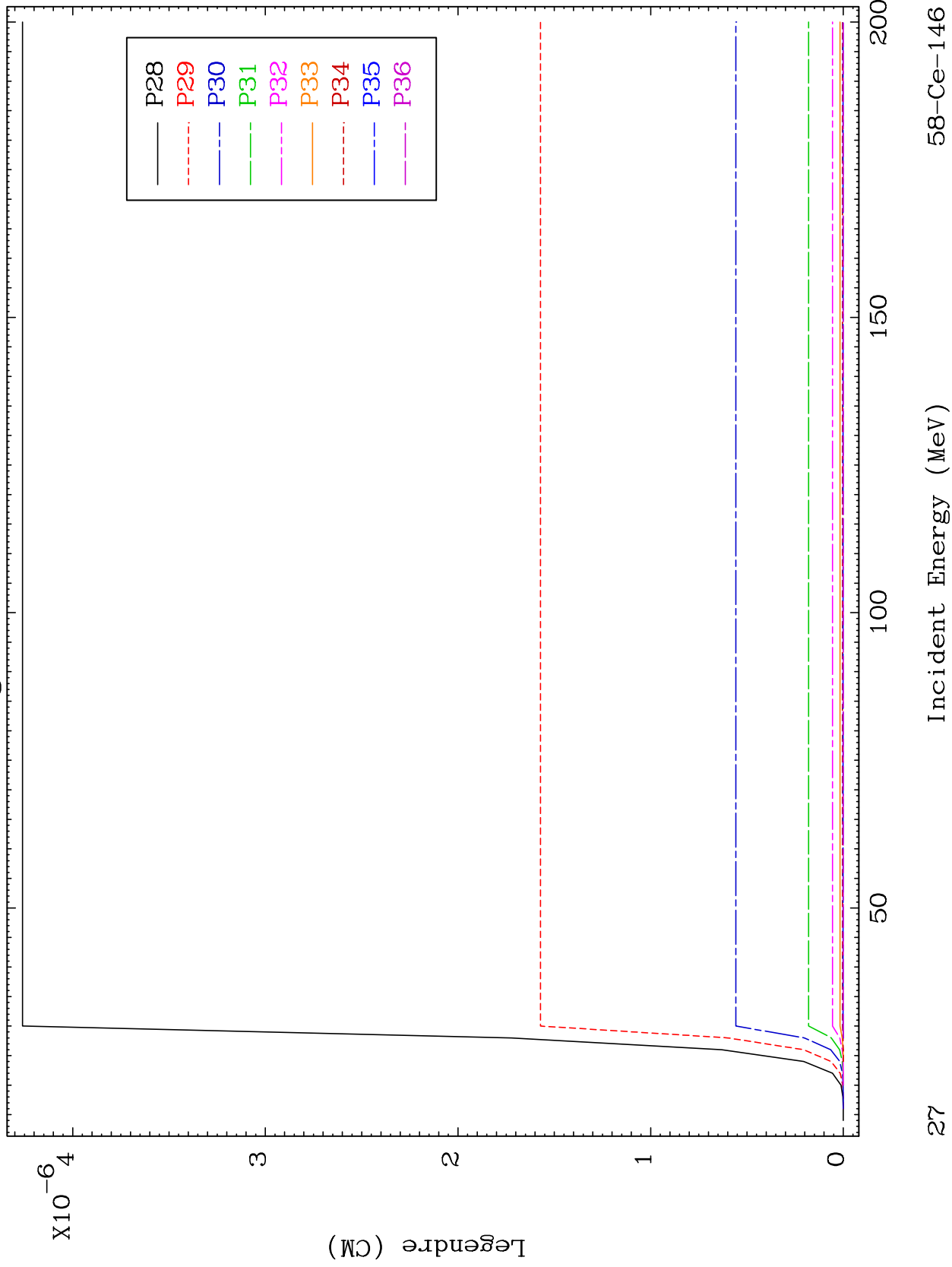


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MAT 5855

668.3 keV (n,n') Level
Legendre Coefficients

58-Ce-146

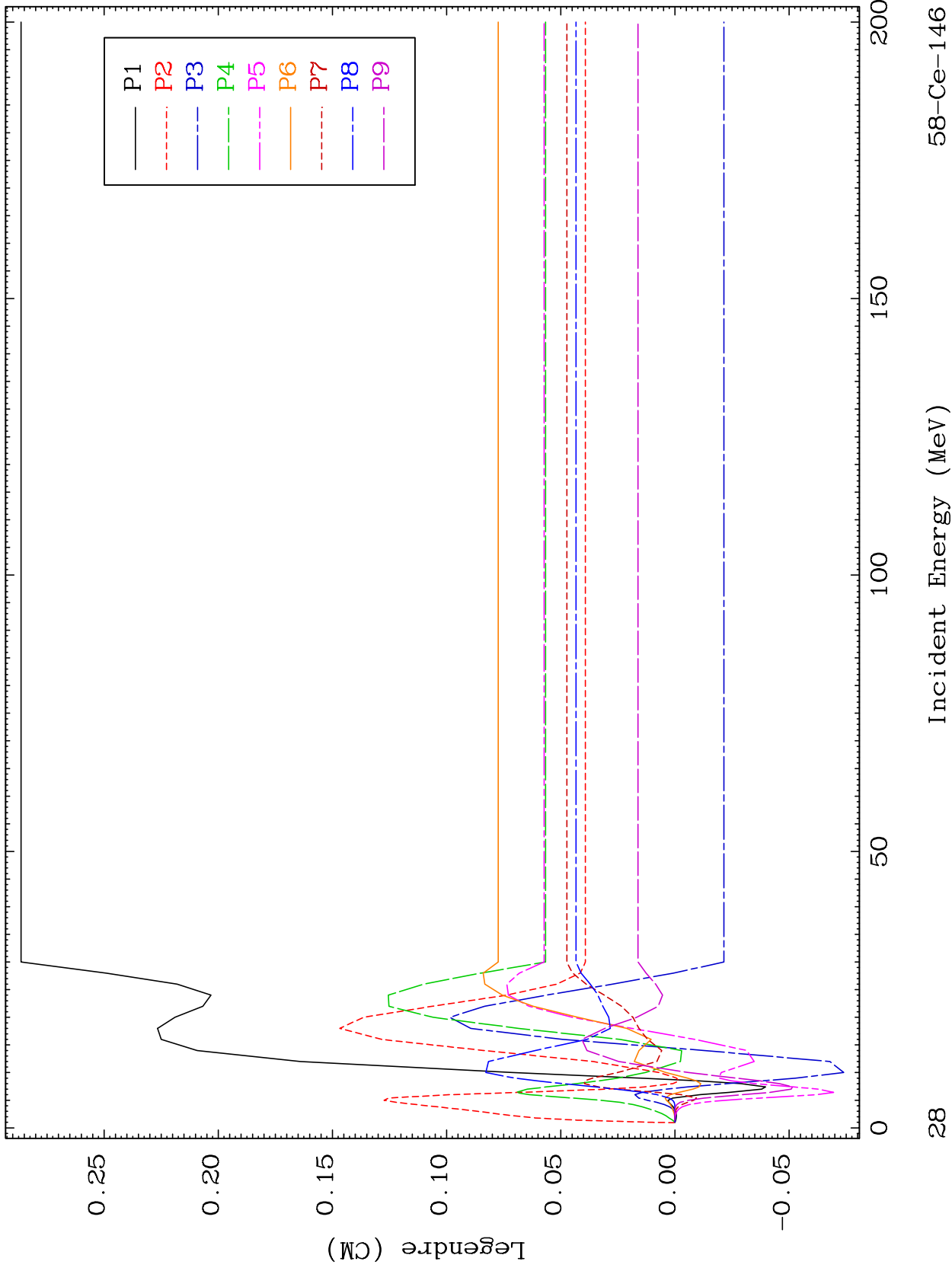


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MAT 5855

924.6 keV (n,n') Level
Legendre Coefficients

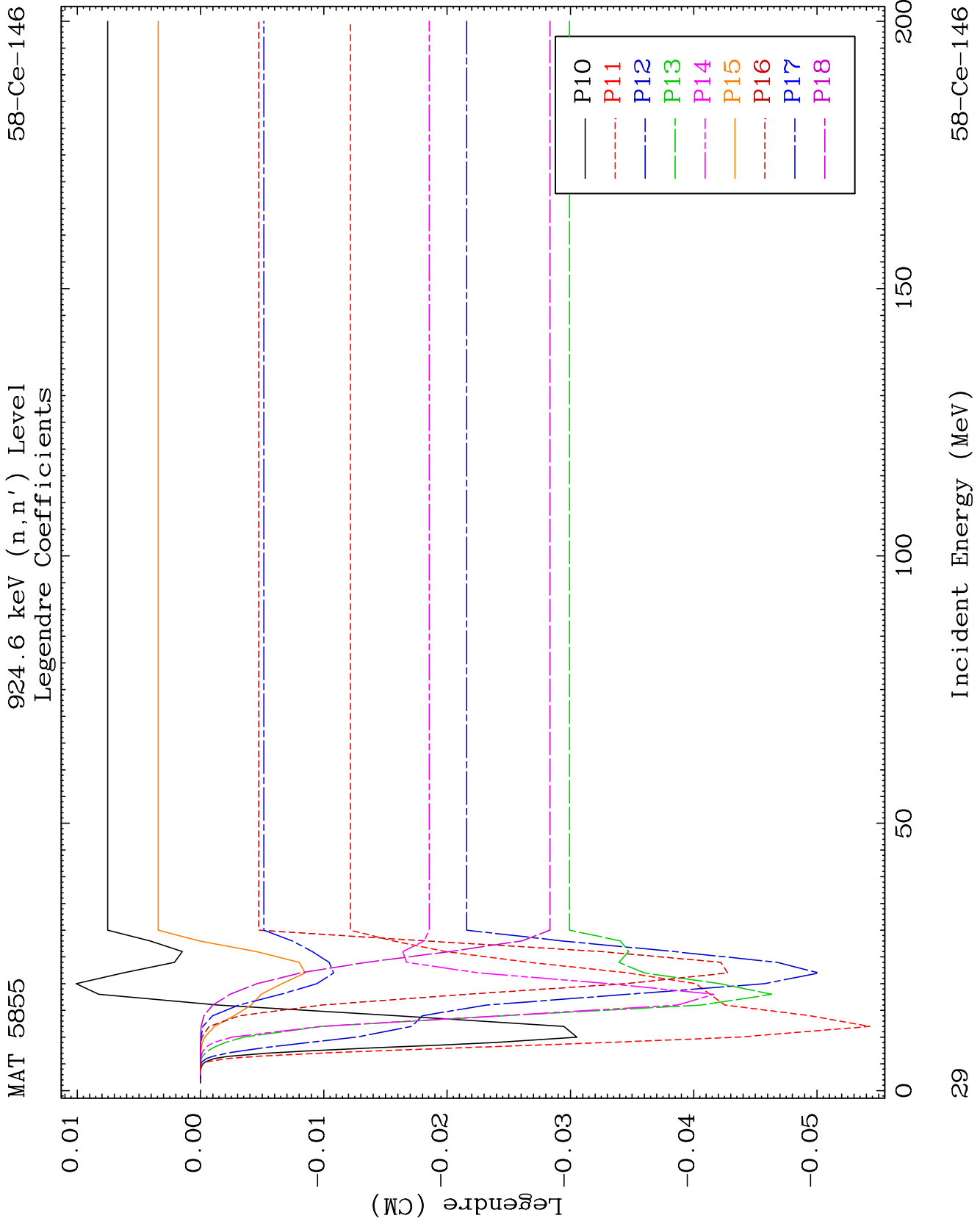
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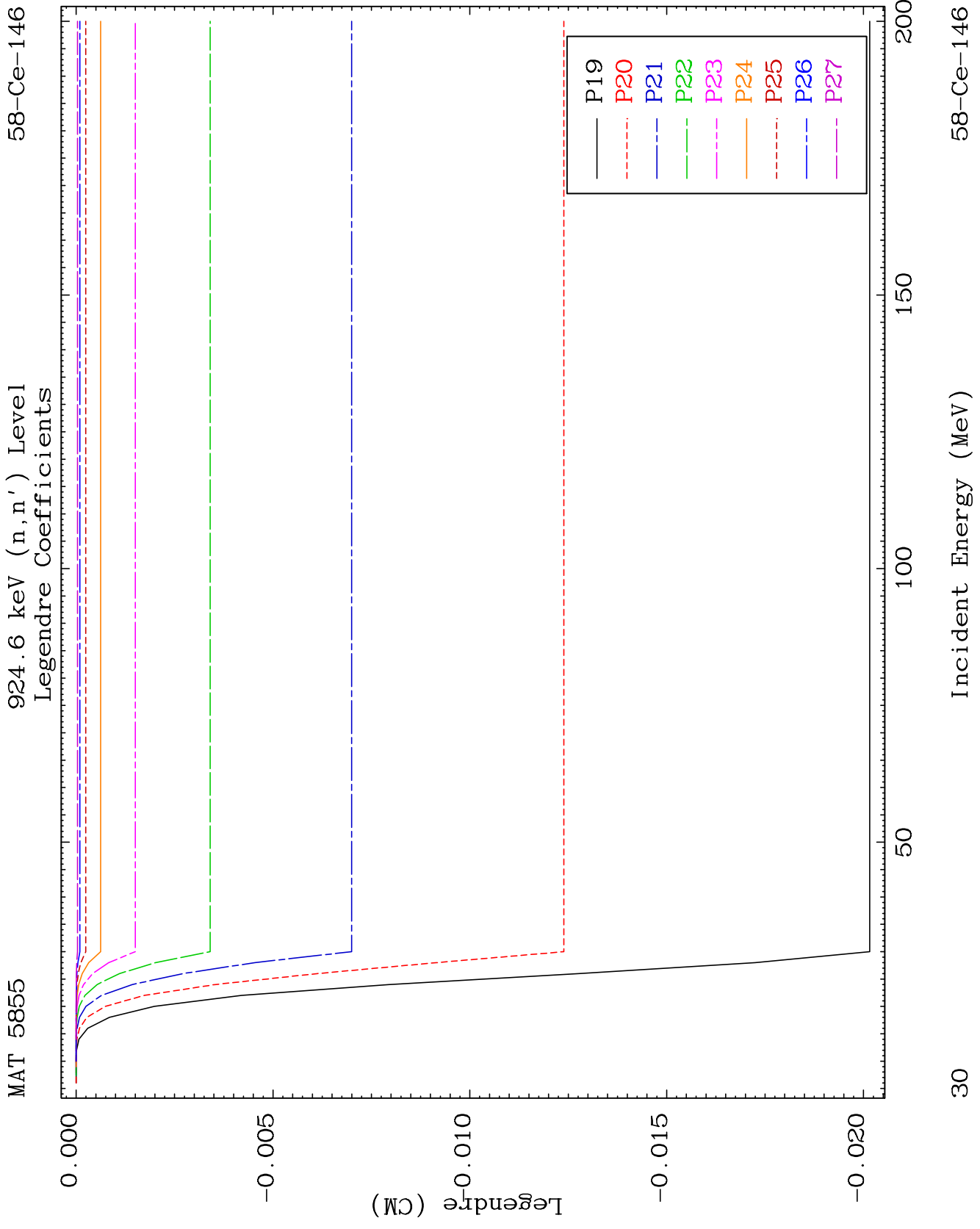


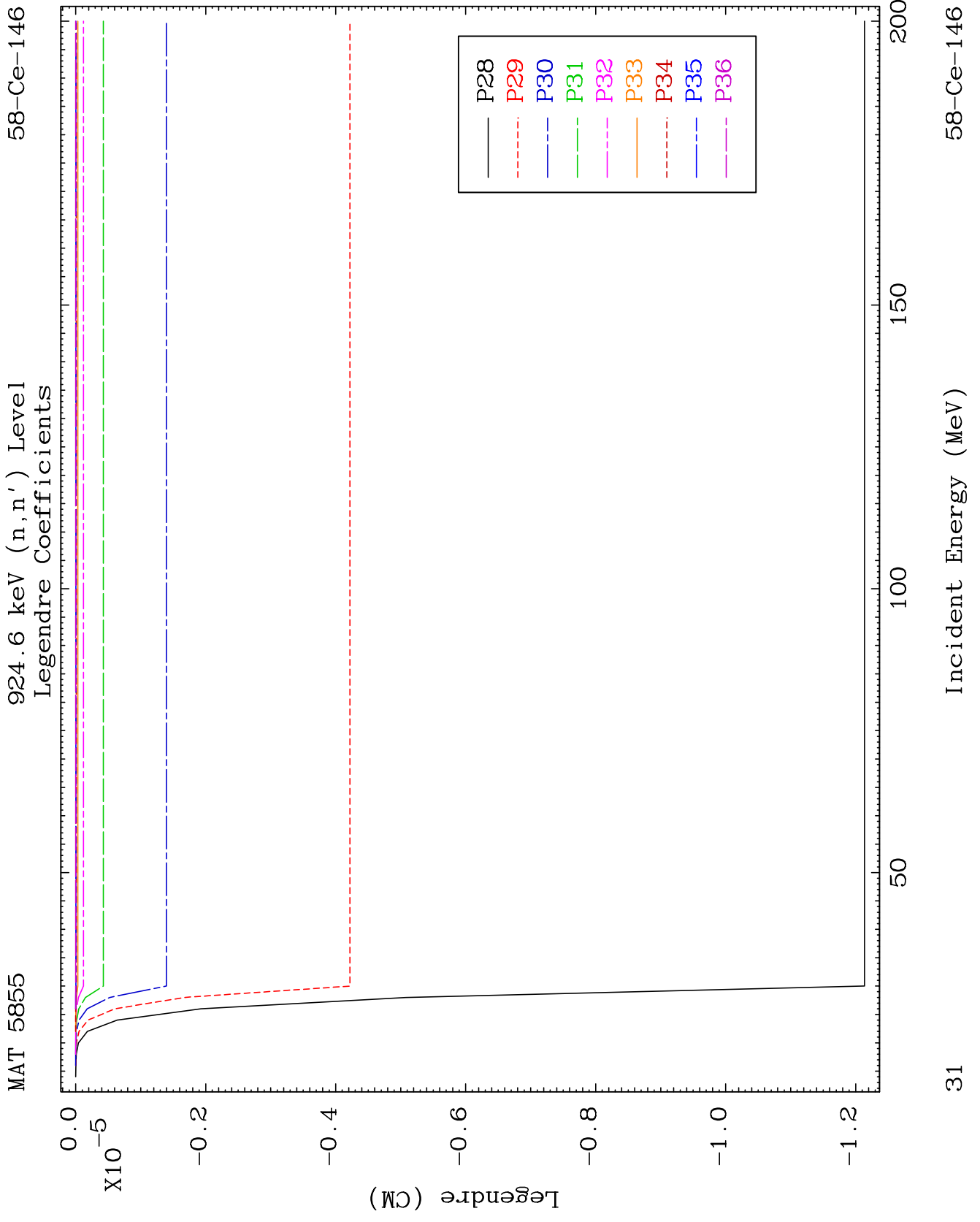
58-Ce-146

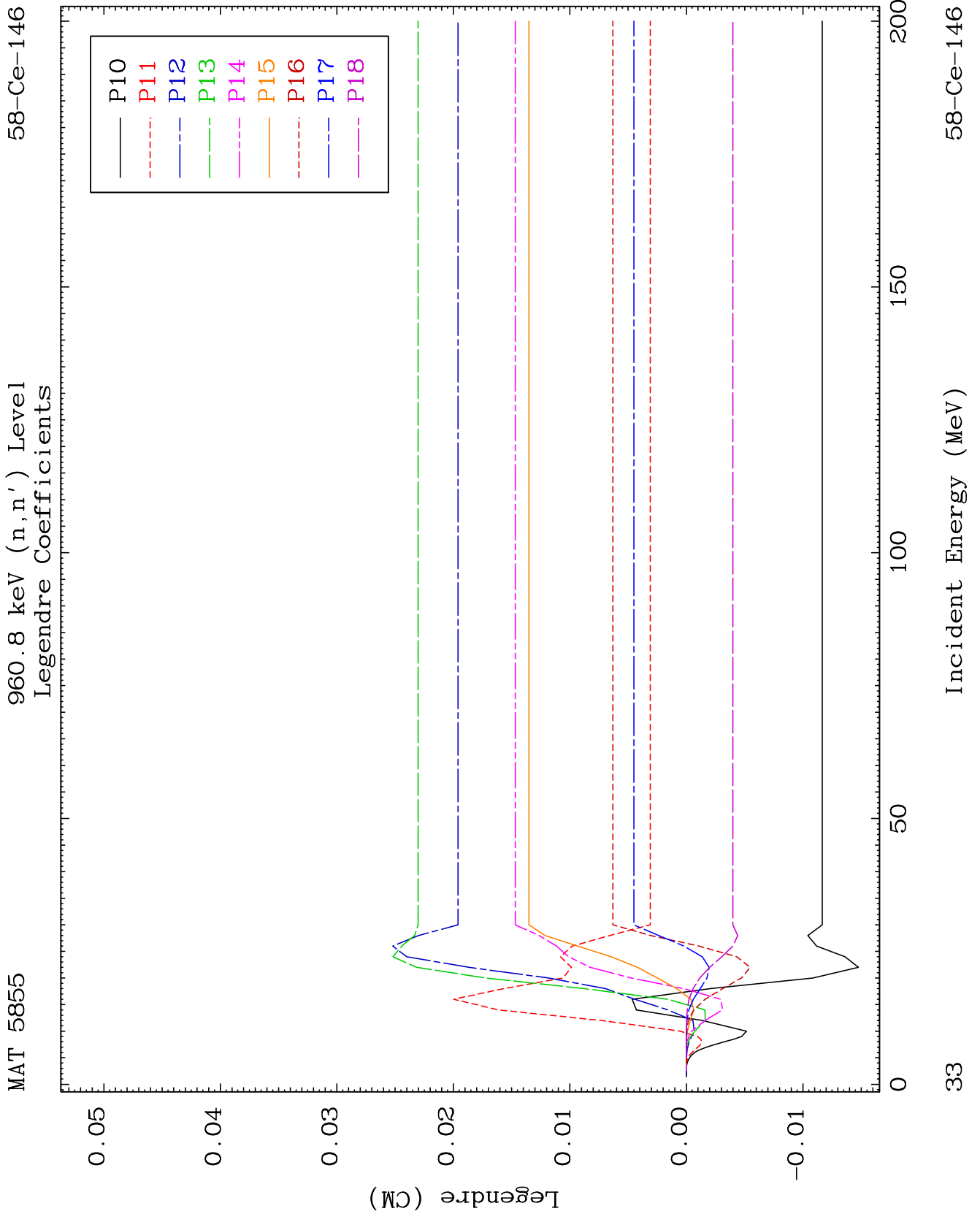
Incident Energy (MeV)

28





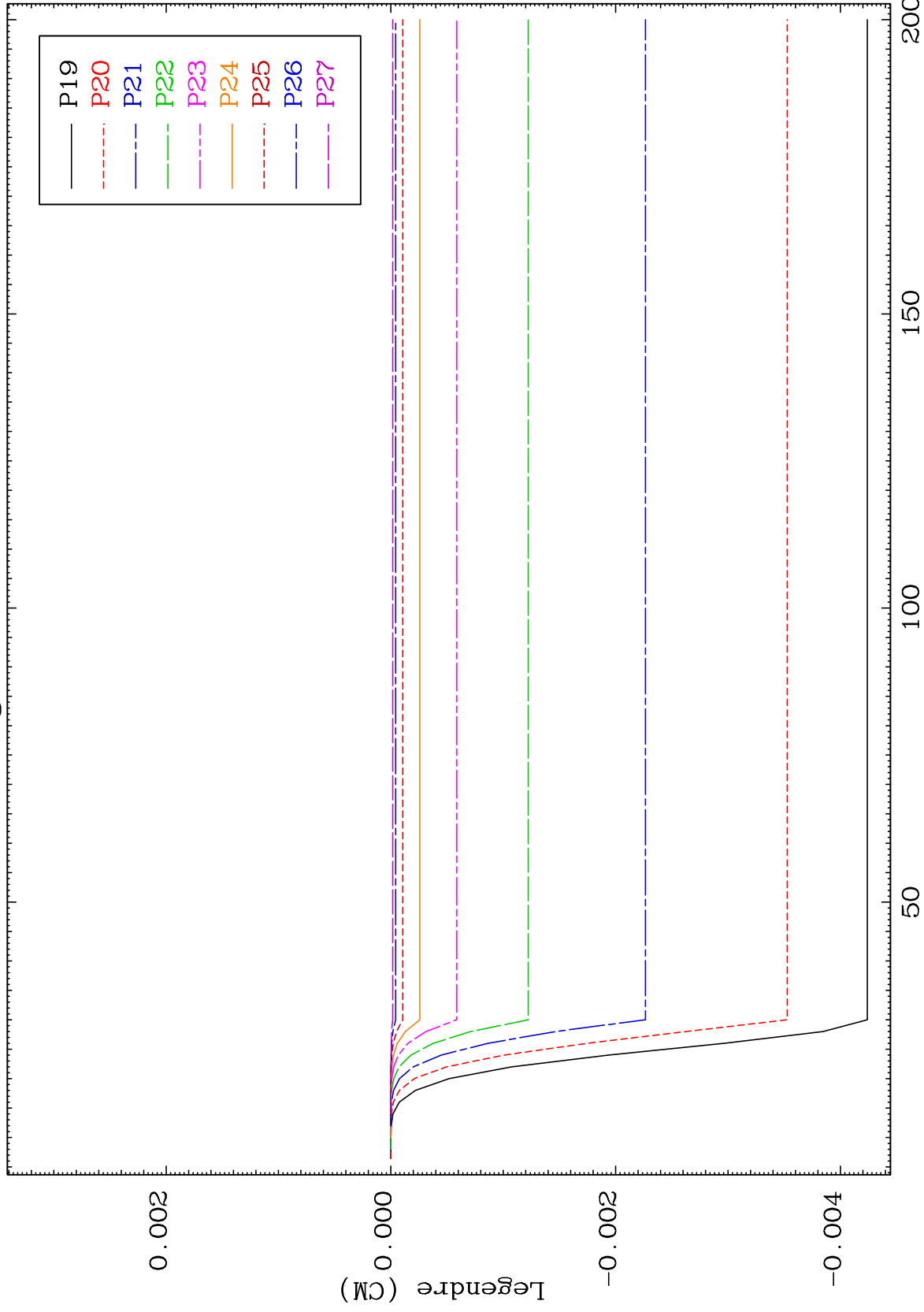




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960.8 keV (n,n') Level
Legendre Coefficients

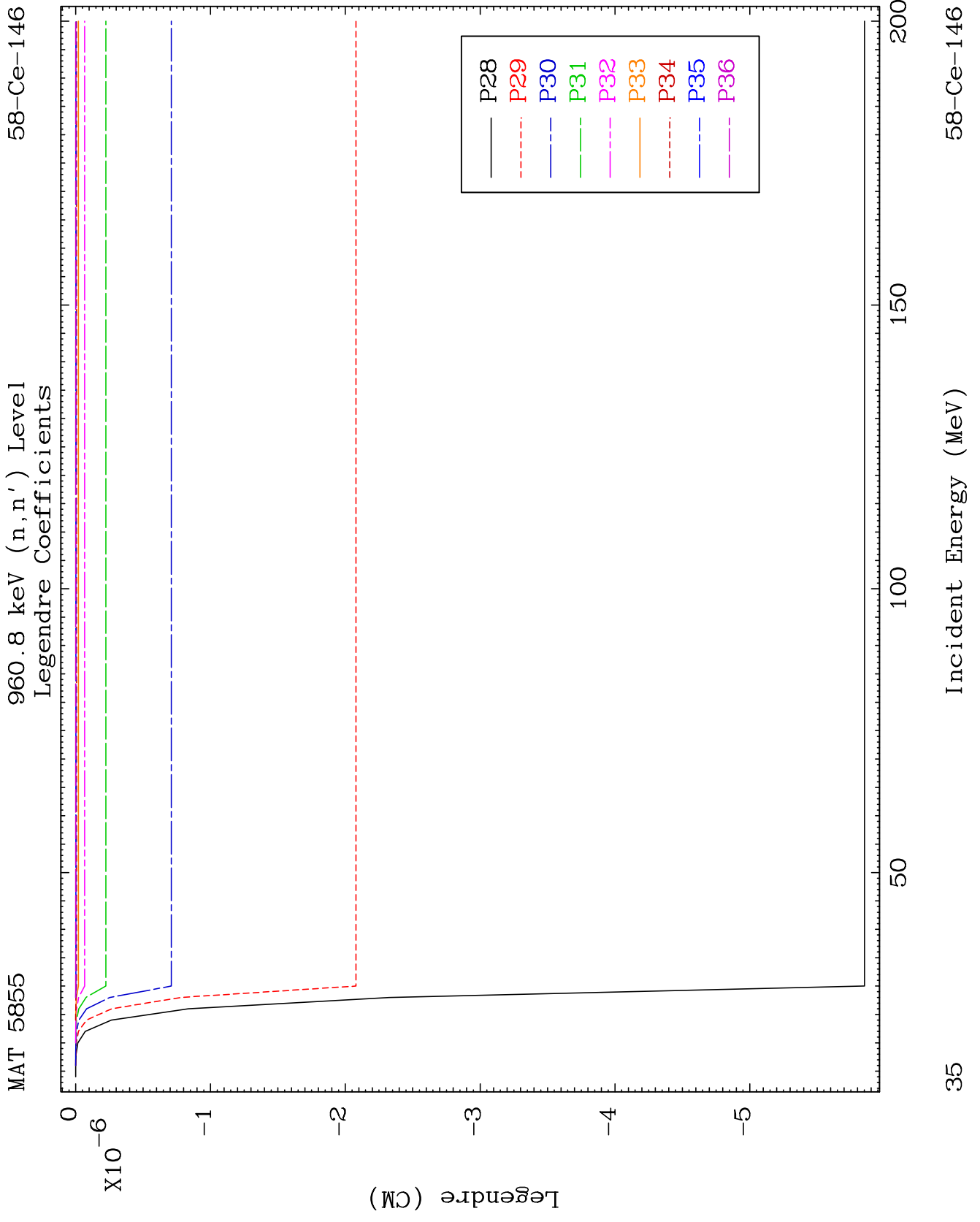
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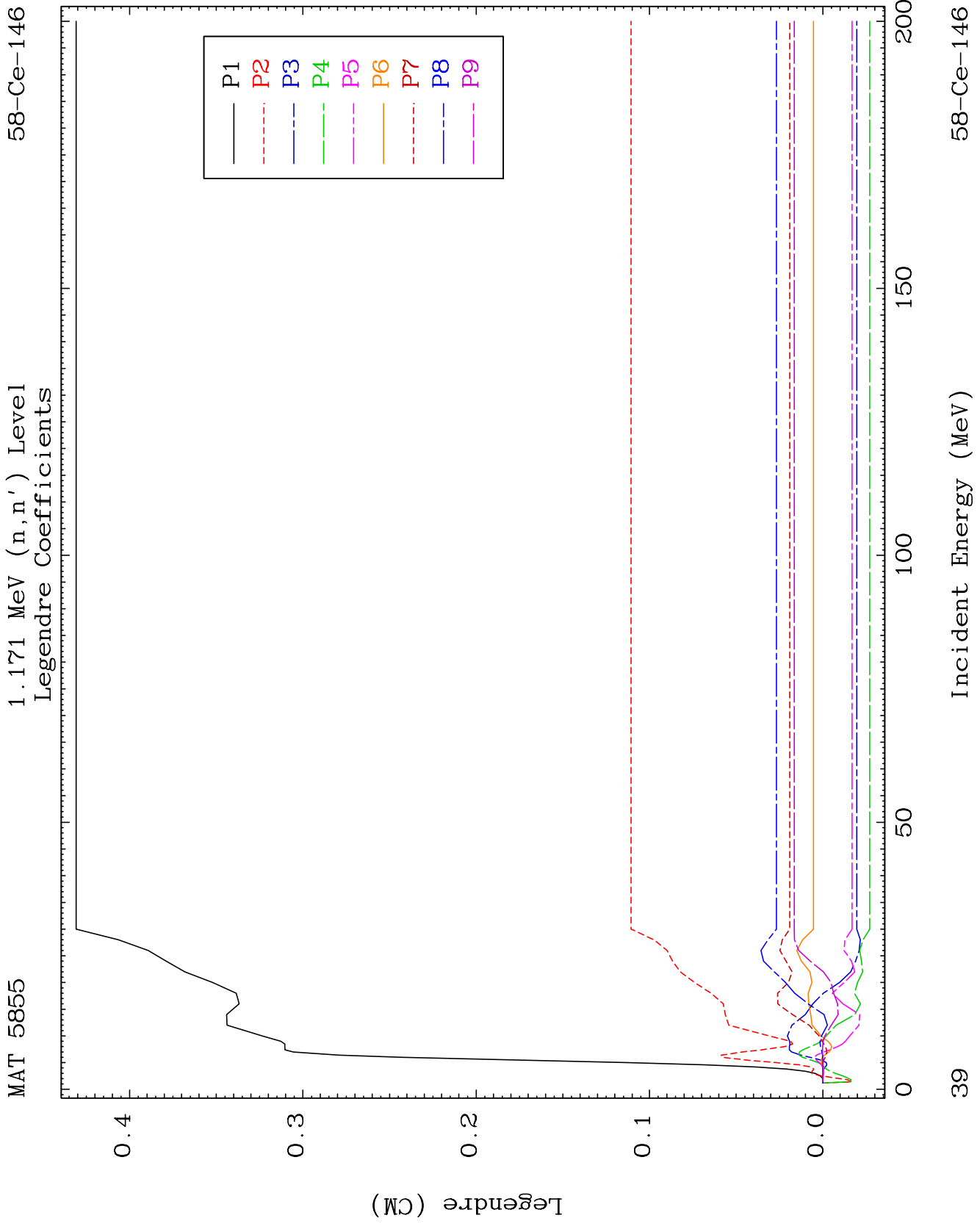


34

Incident Energy (MeV)

58-Ce-146

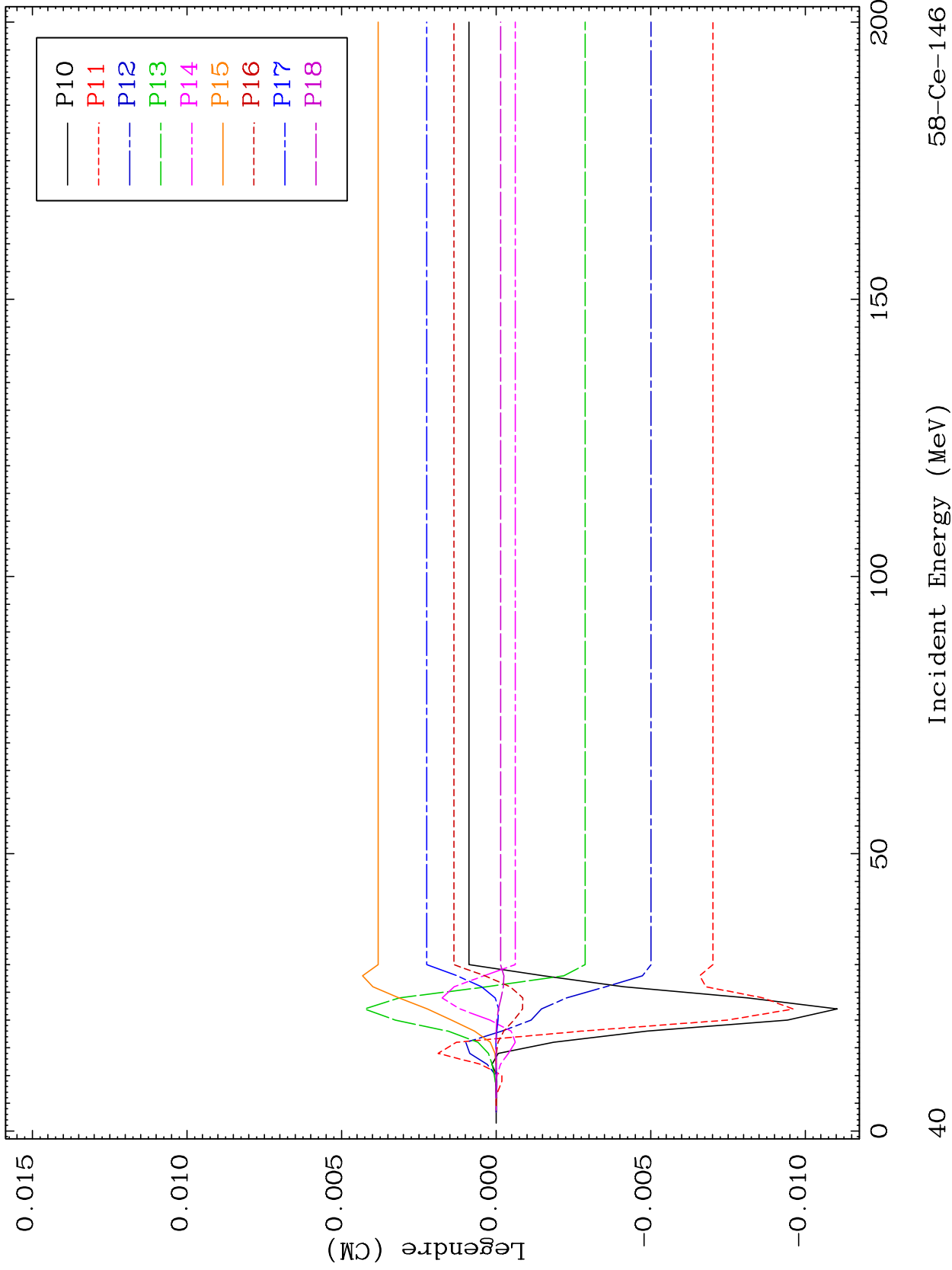


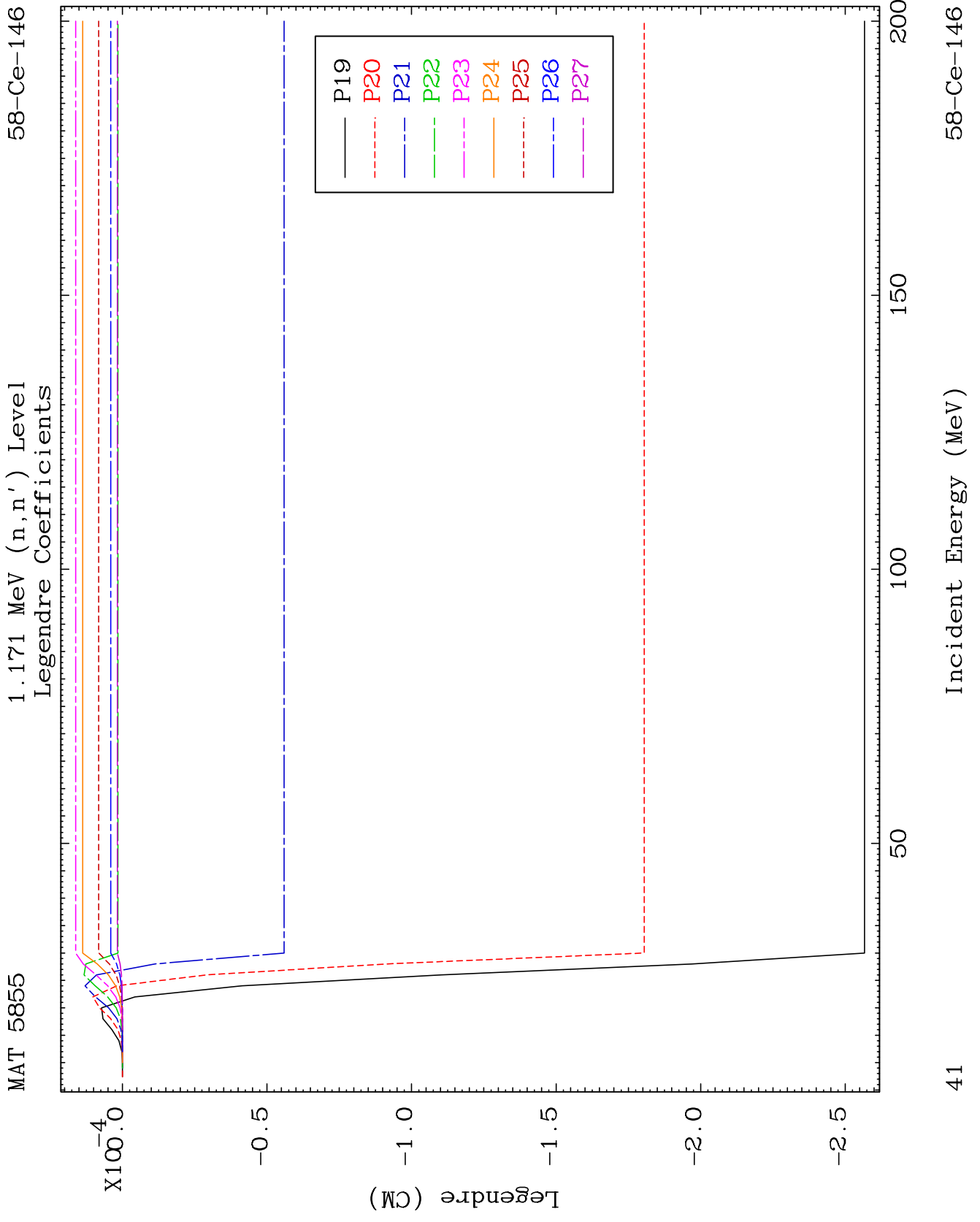


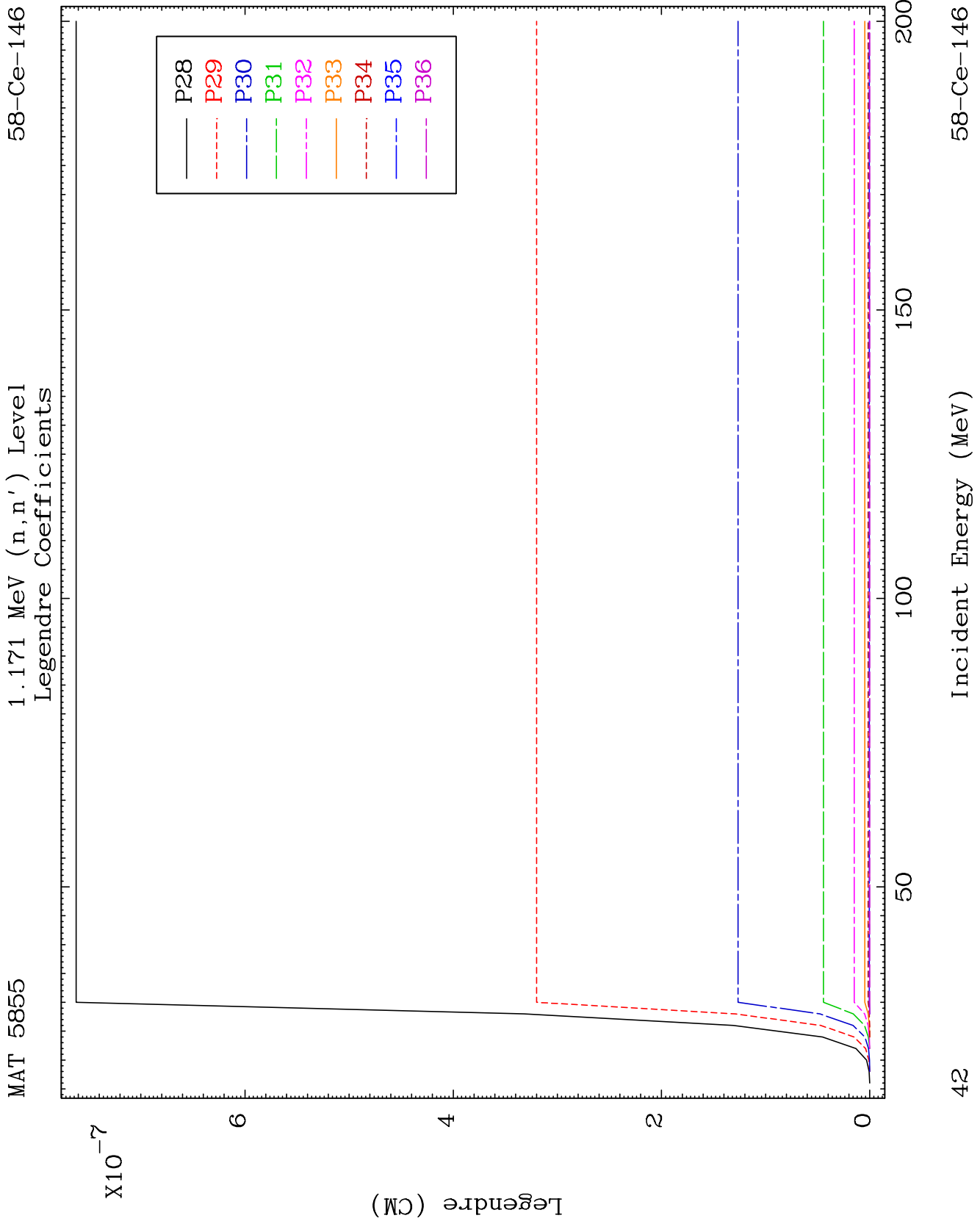
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1.171 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



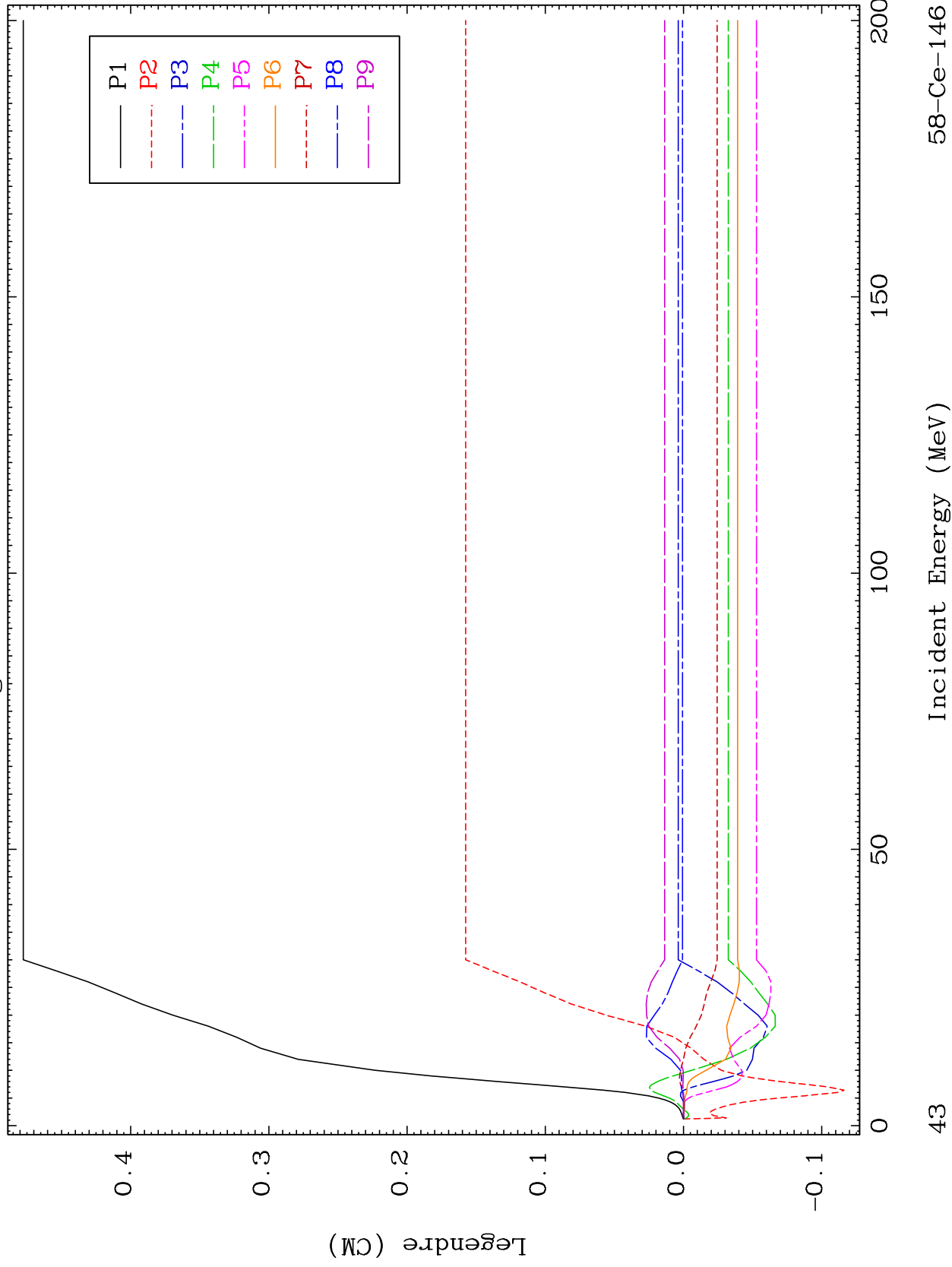




MAT 5855

1.183 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

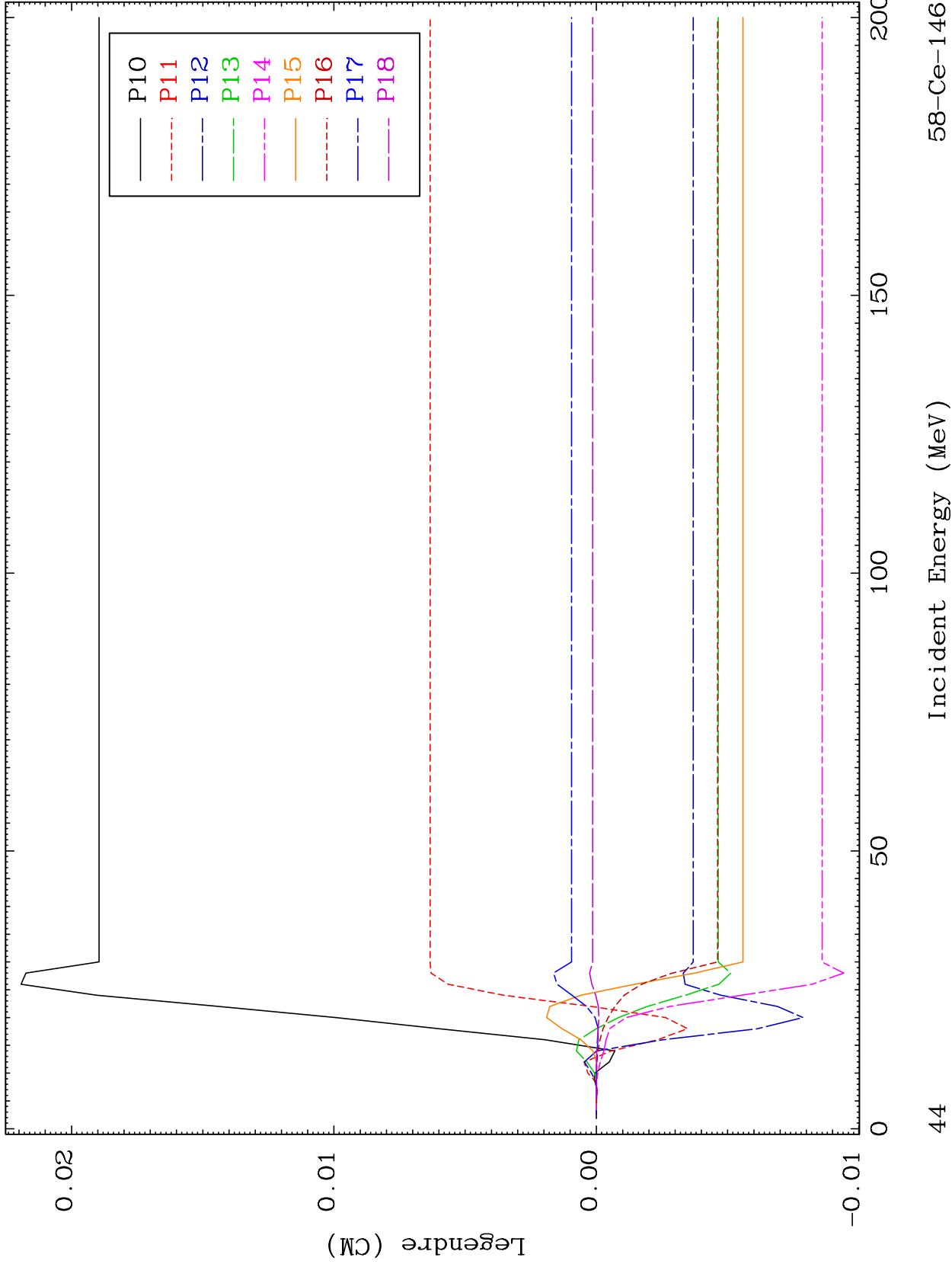
Incident Energy (MeV)

43

MAT 5855

1.183 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



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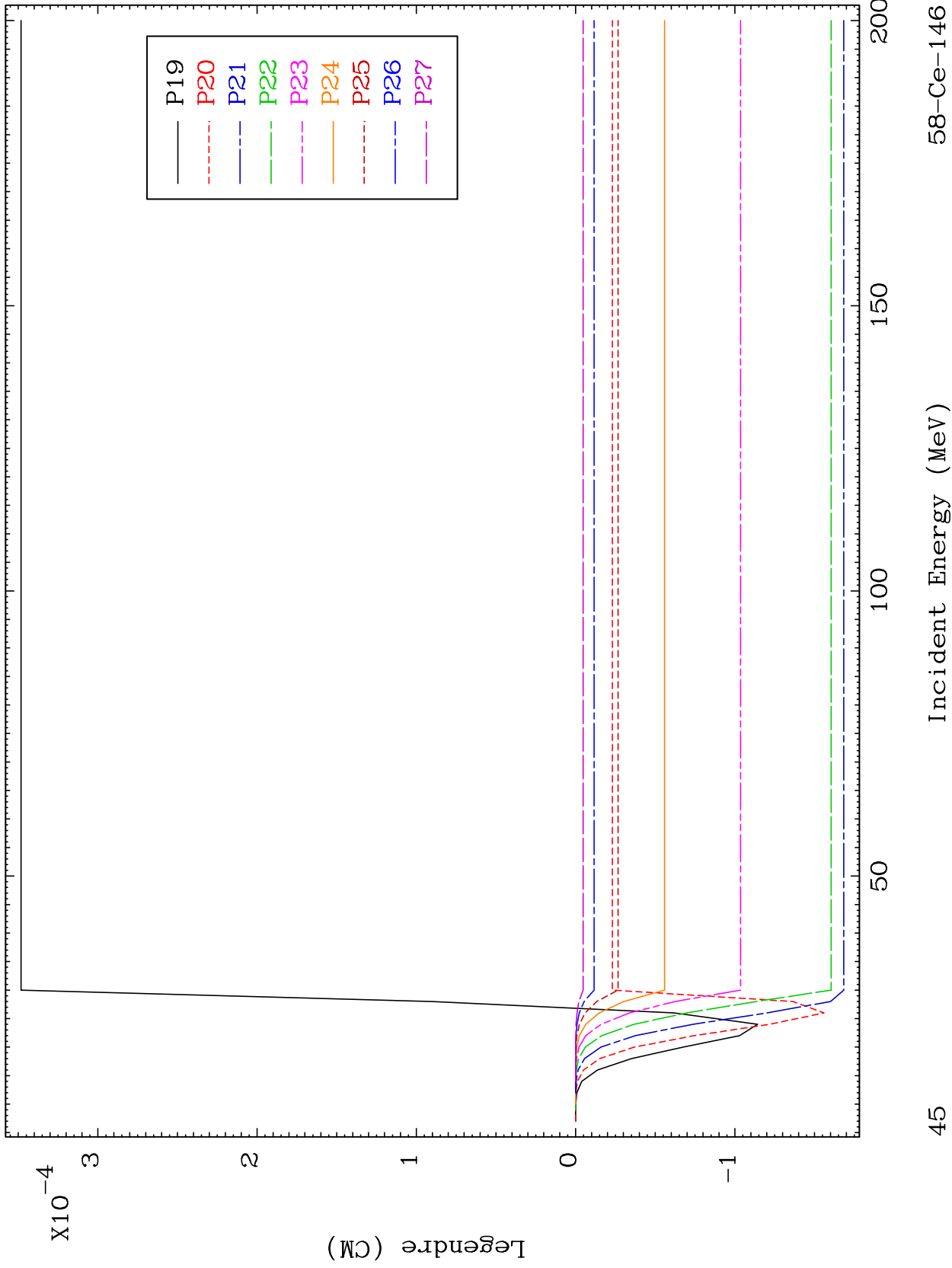
Incident Energy (MeV)

58-Ce-146

MAT 5855

1.183 MeV (n,n') Level
Legendre Coefficients

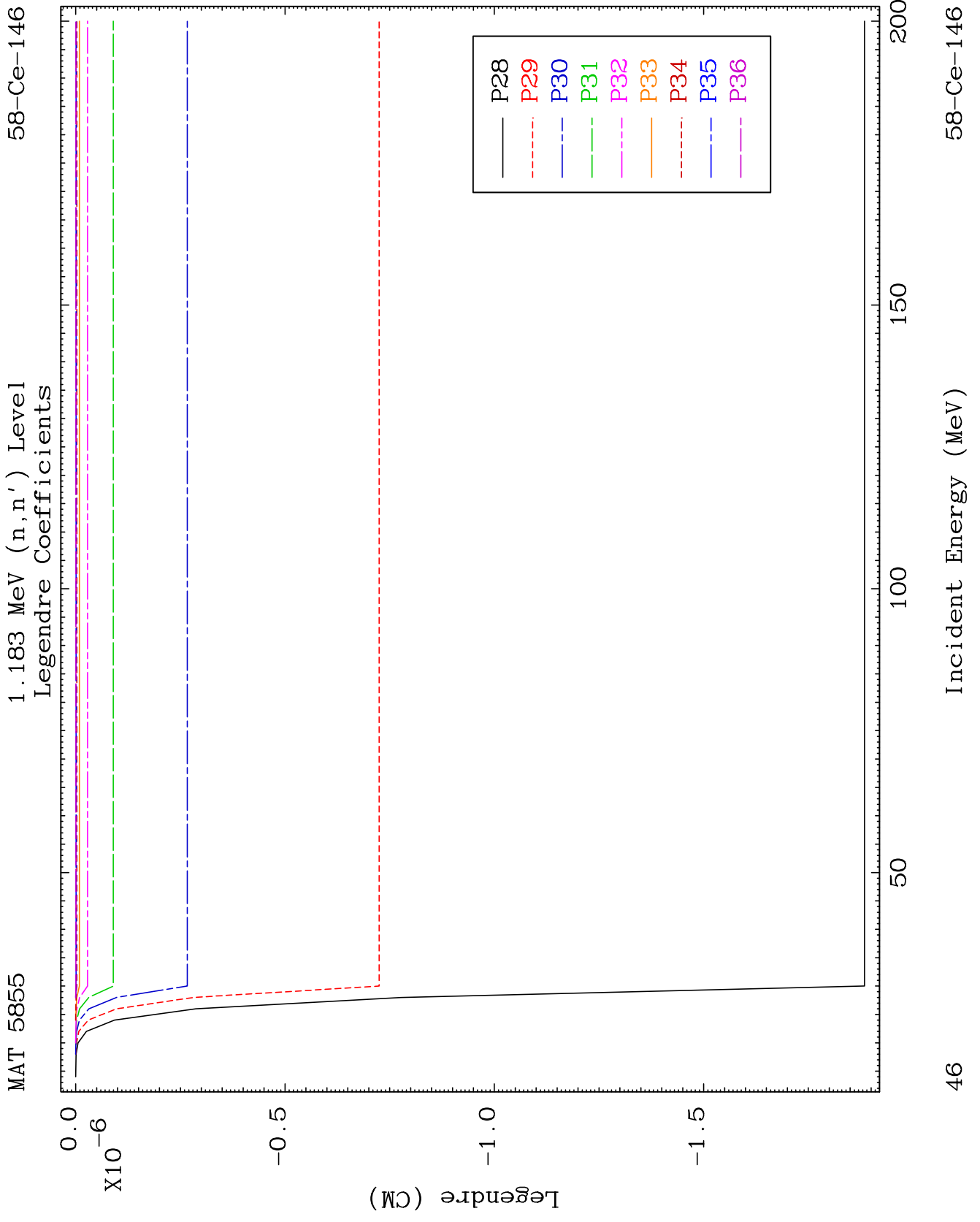
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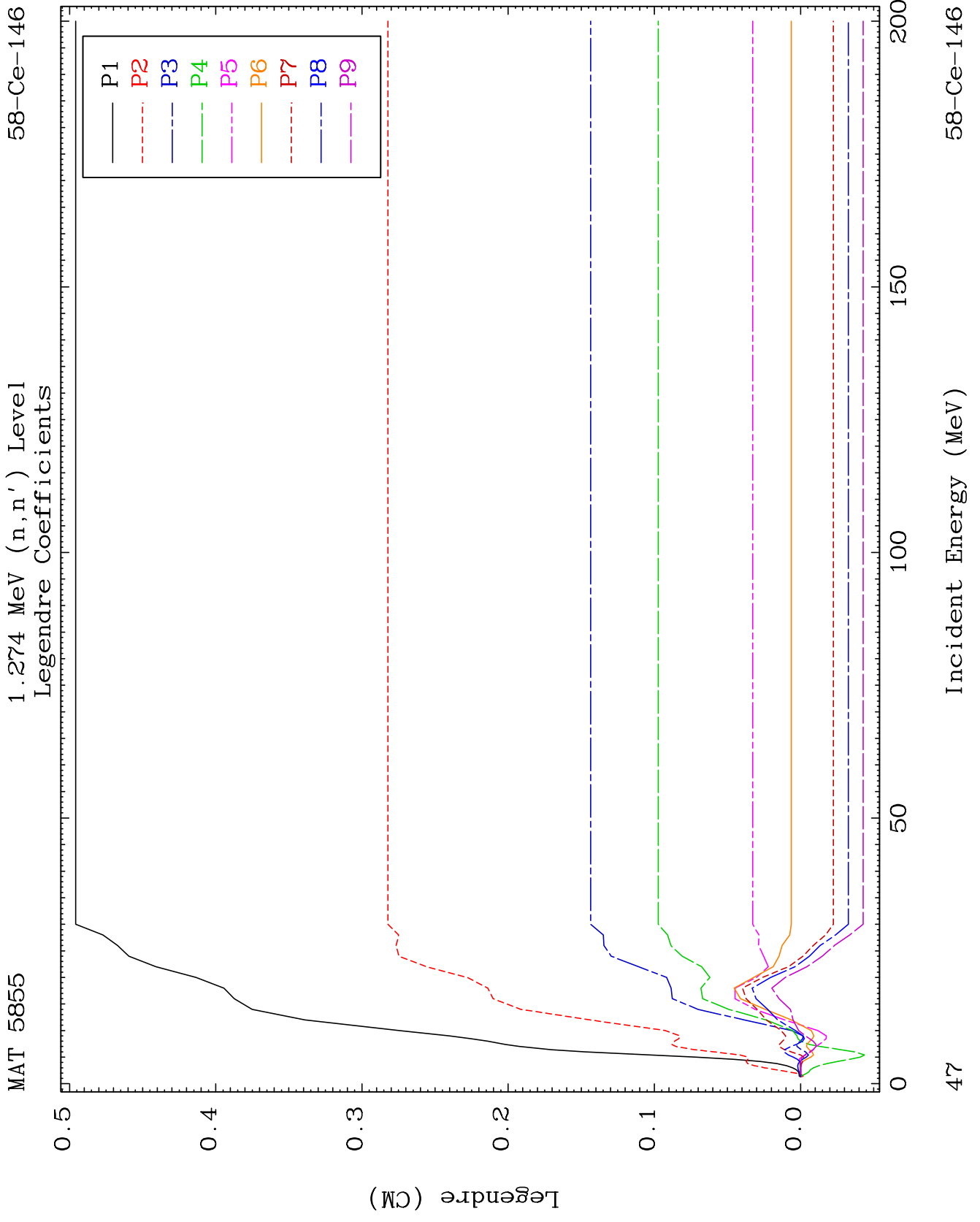


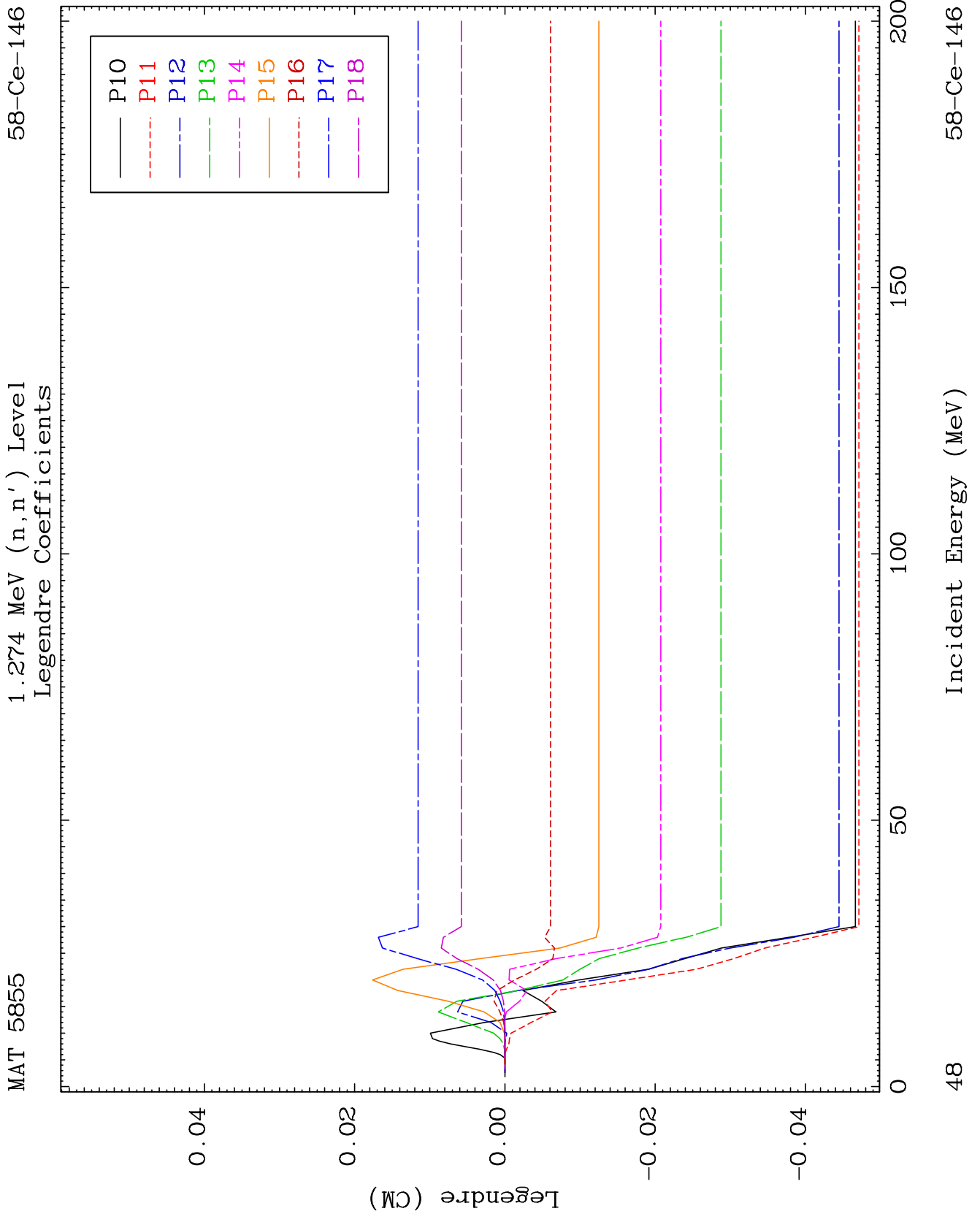
45

Incident Energy (MeV)

58-Ce-146



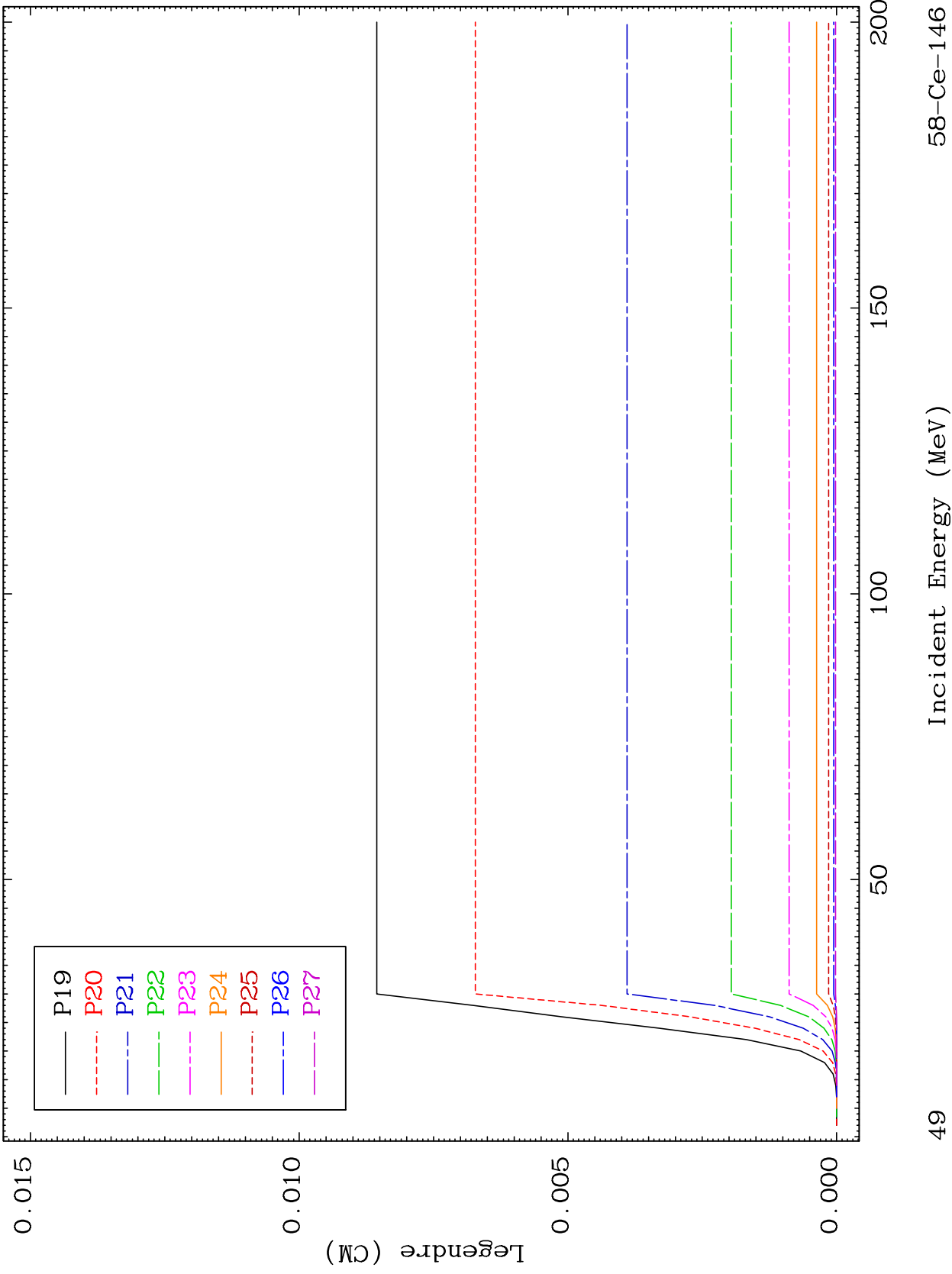




MAT 5855

1.274 MeV (n,n') Level
Legendre Coefficients

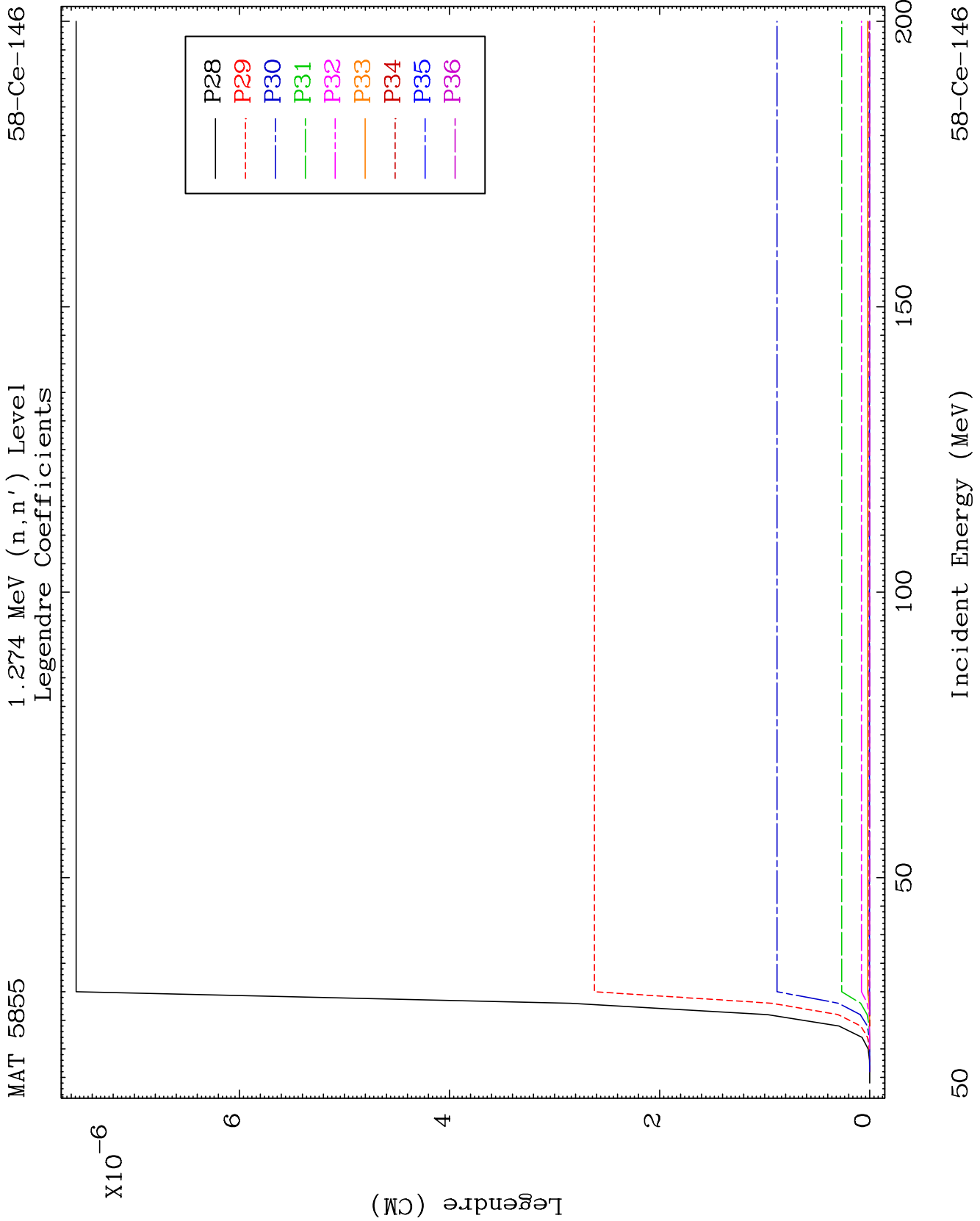
58-Ce-146



49

Incident Energy (MeV)

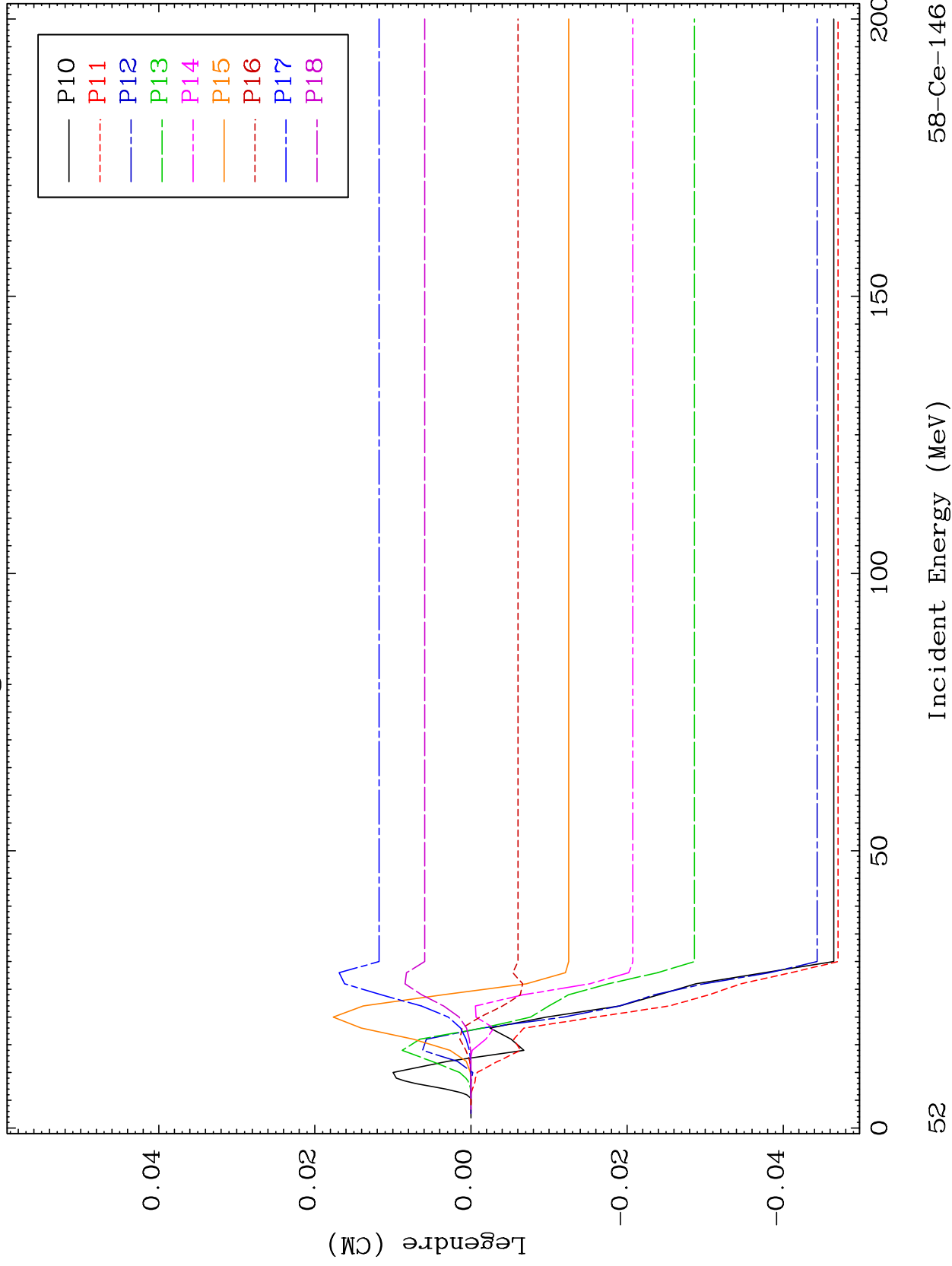
58-Ce-146



MAT 5855

1.382 MeV (n,n') Level
Legendre Coefficients

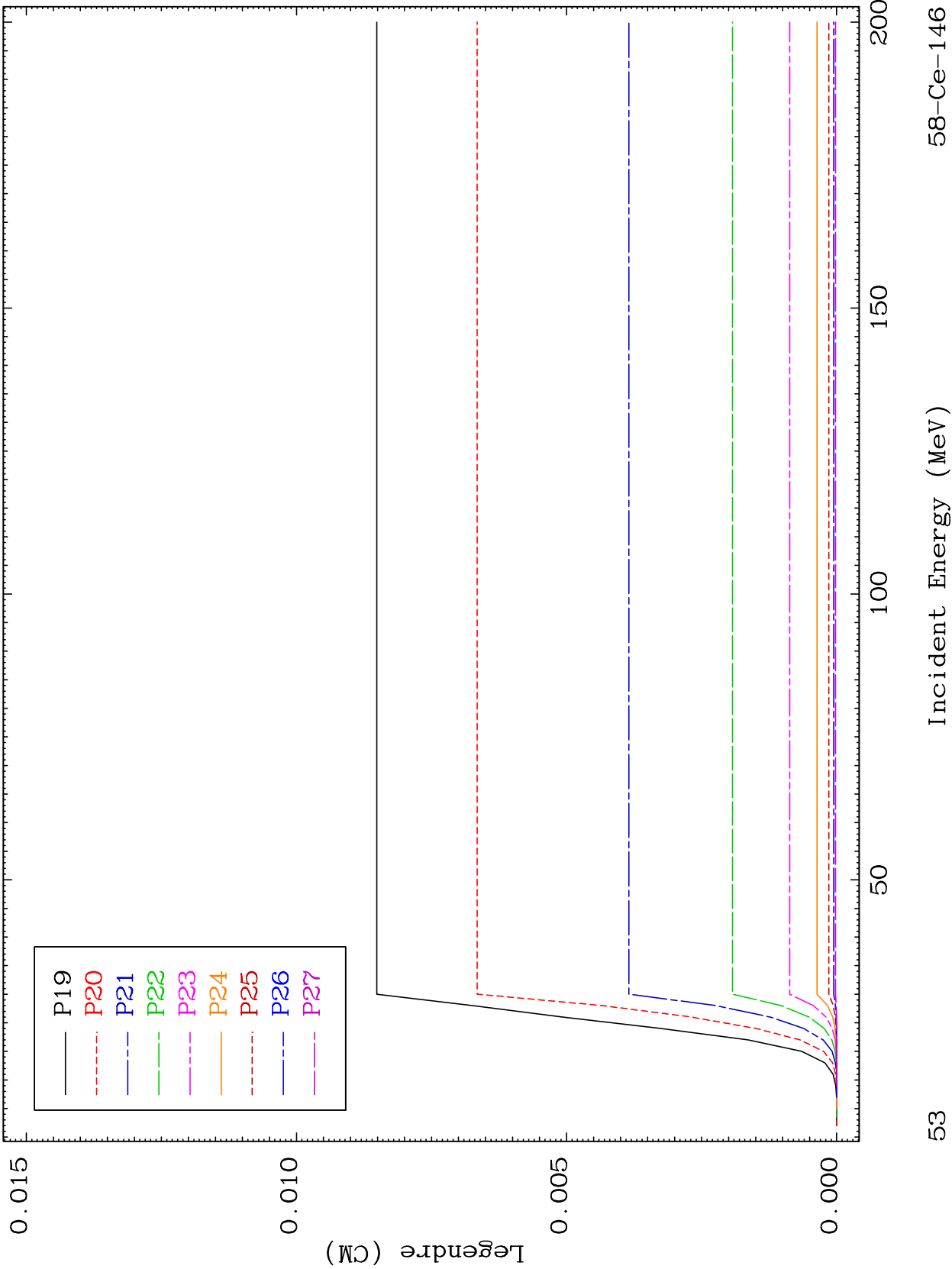
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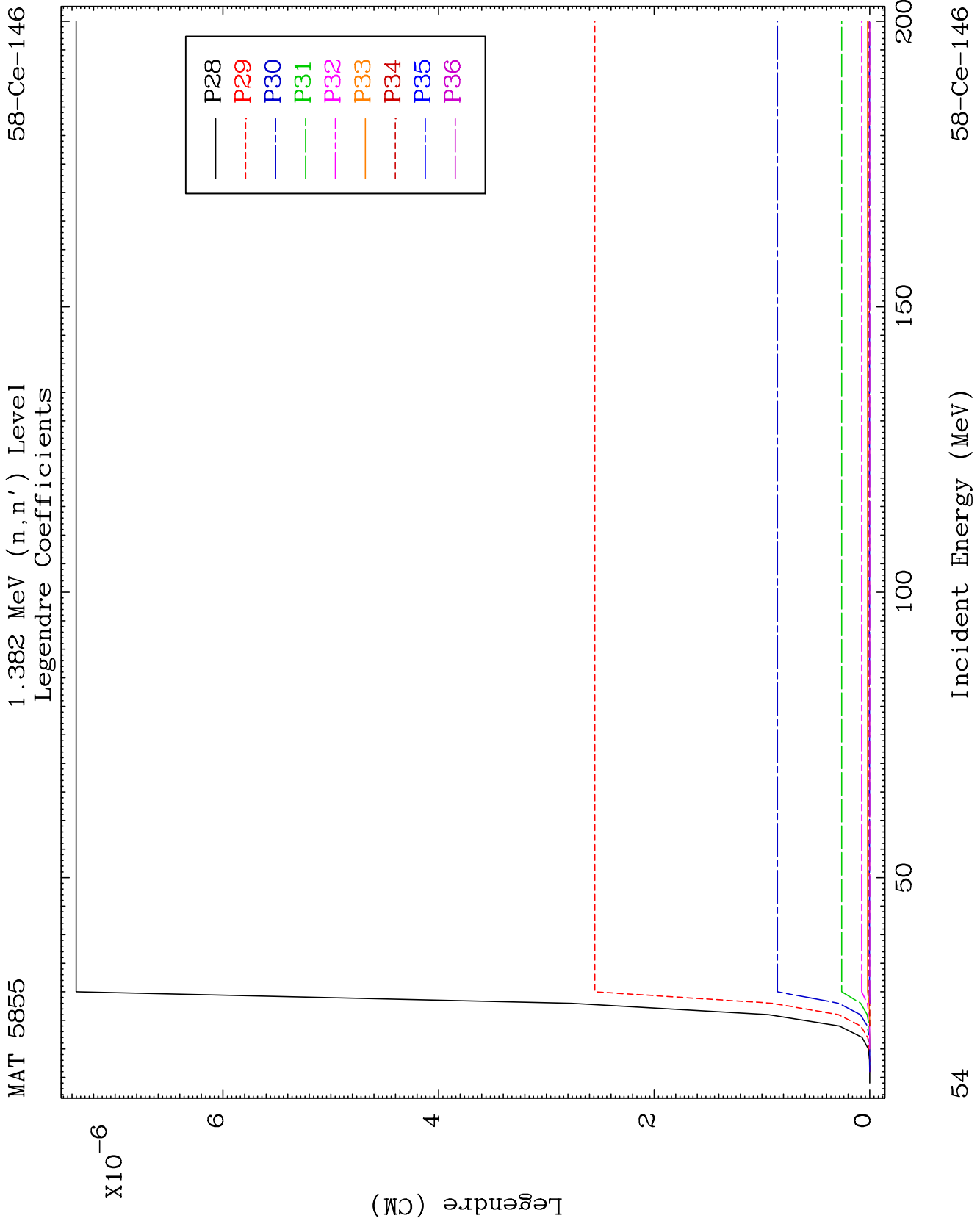


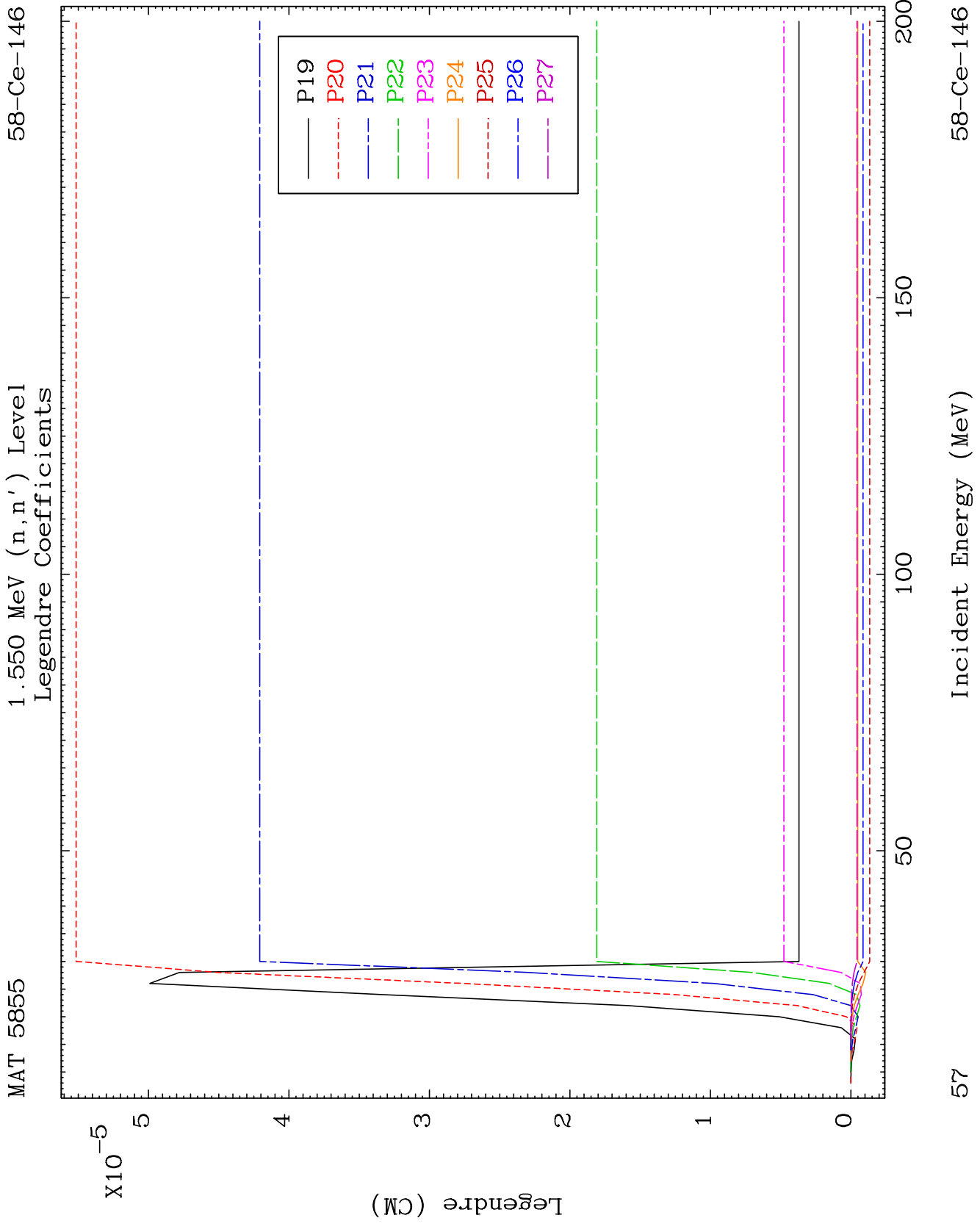
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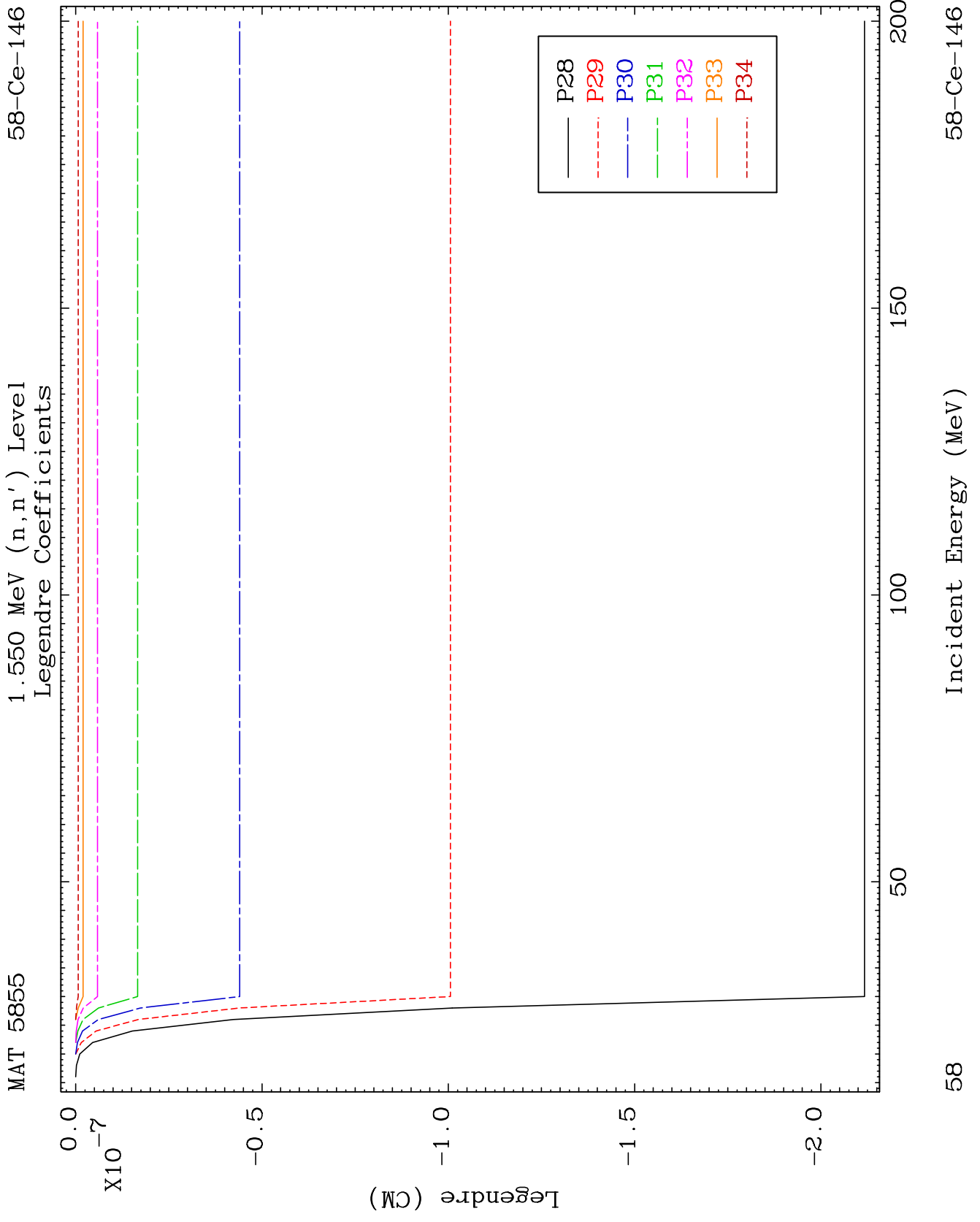
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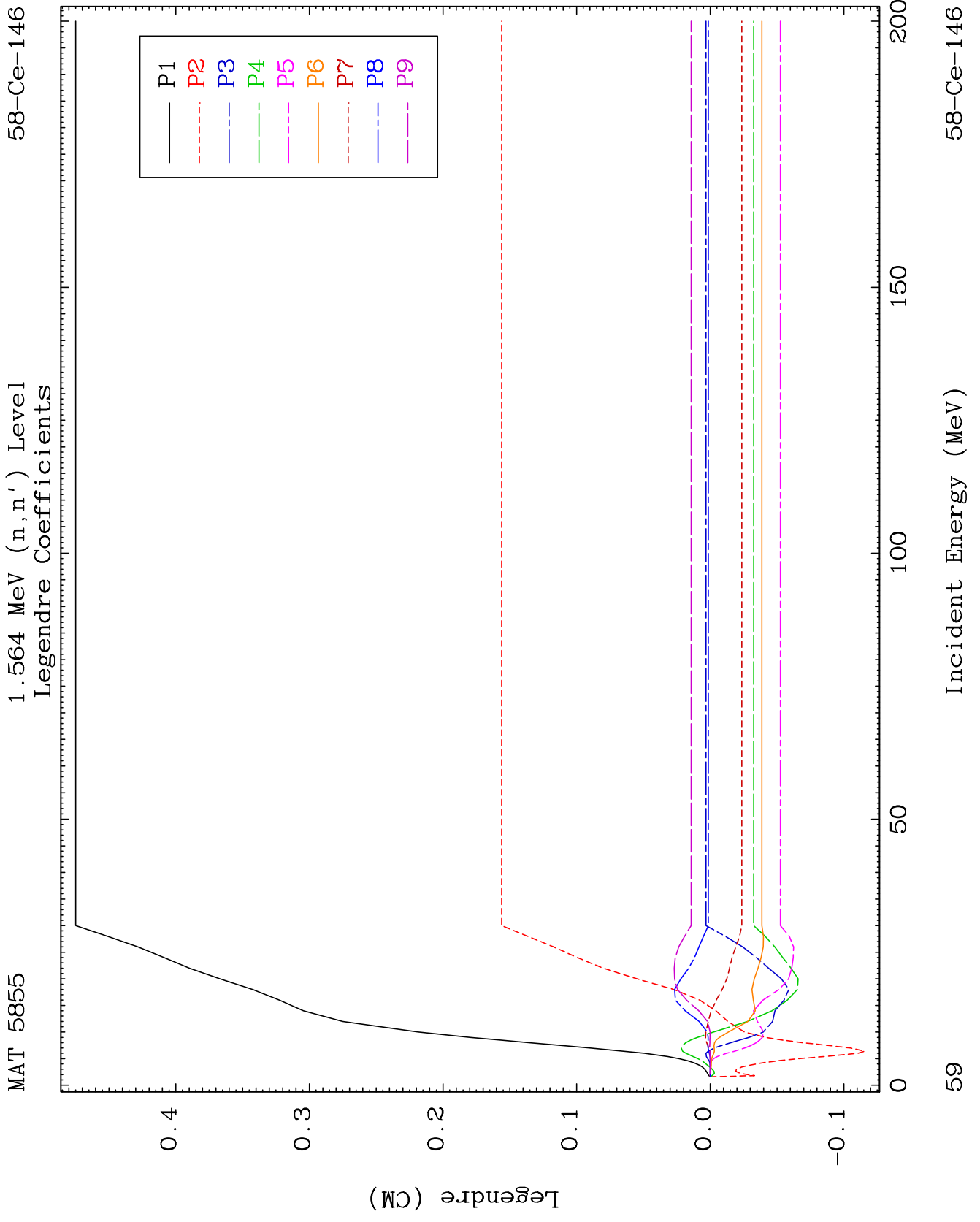
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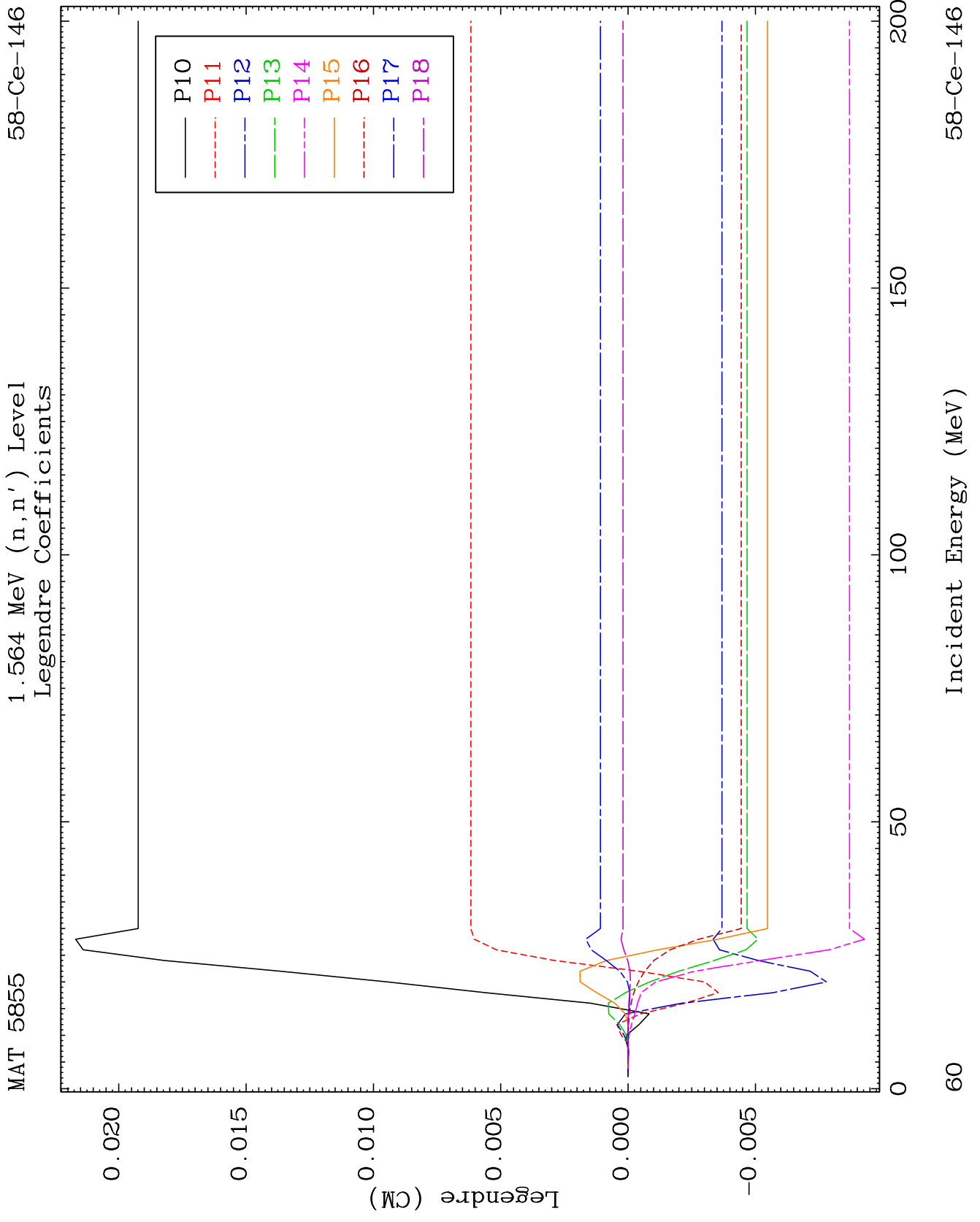








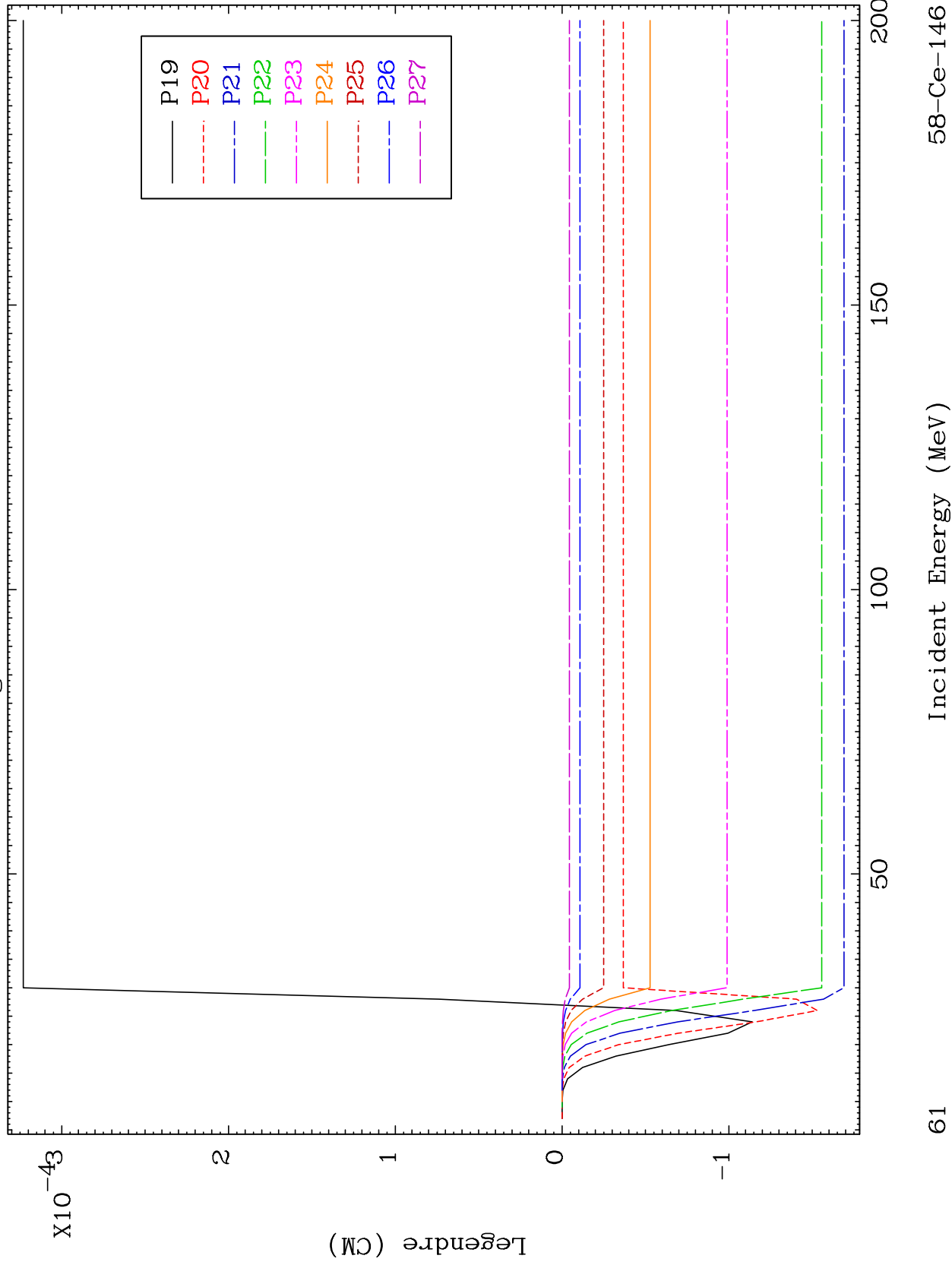




MAT 5855

1.564 MeV (n,n') Level
Legendre Coefficients

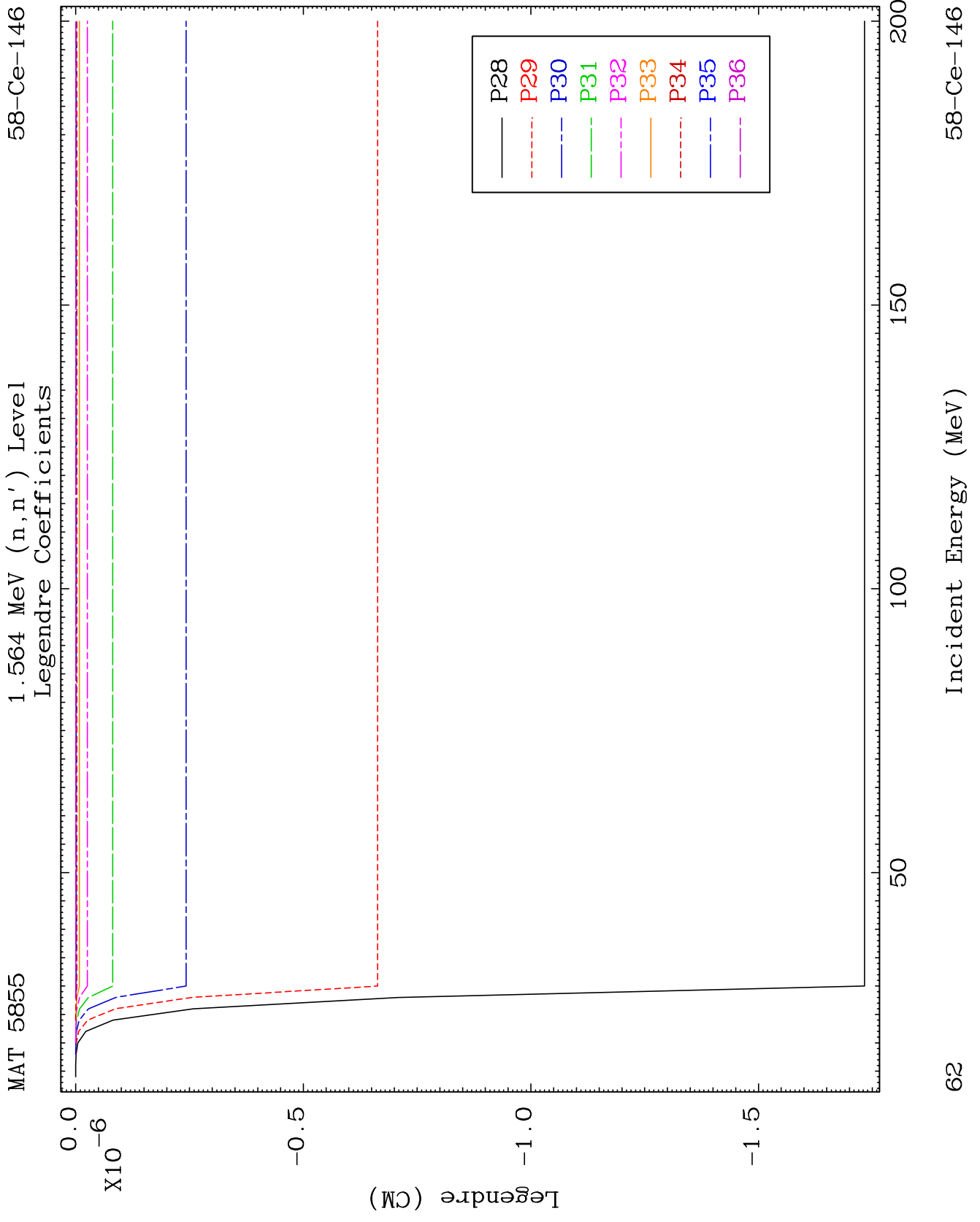
58-Ce-146



61

Incident Energy (MeV)

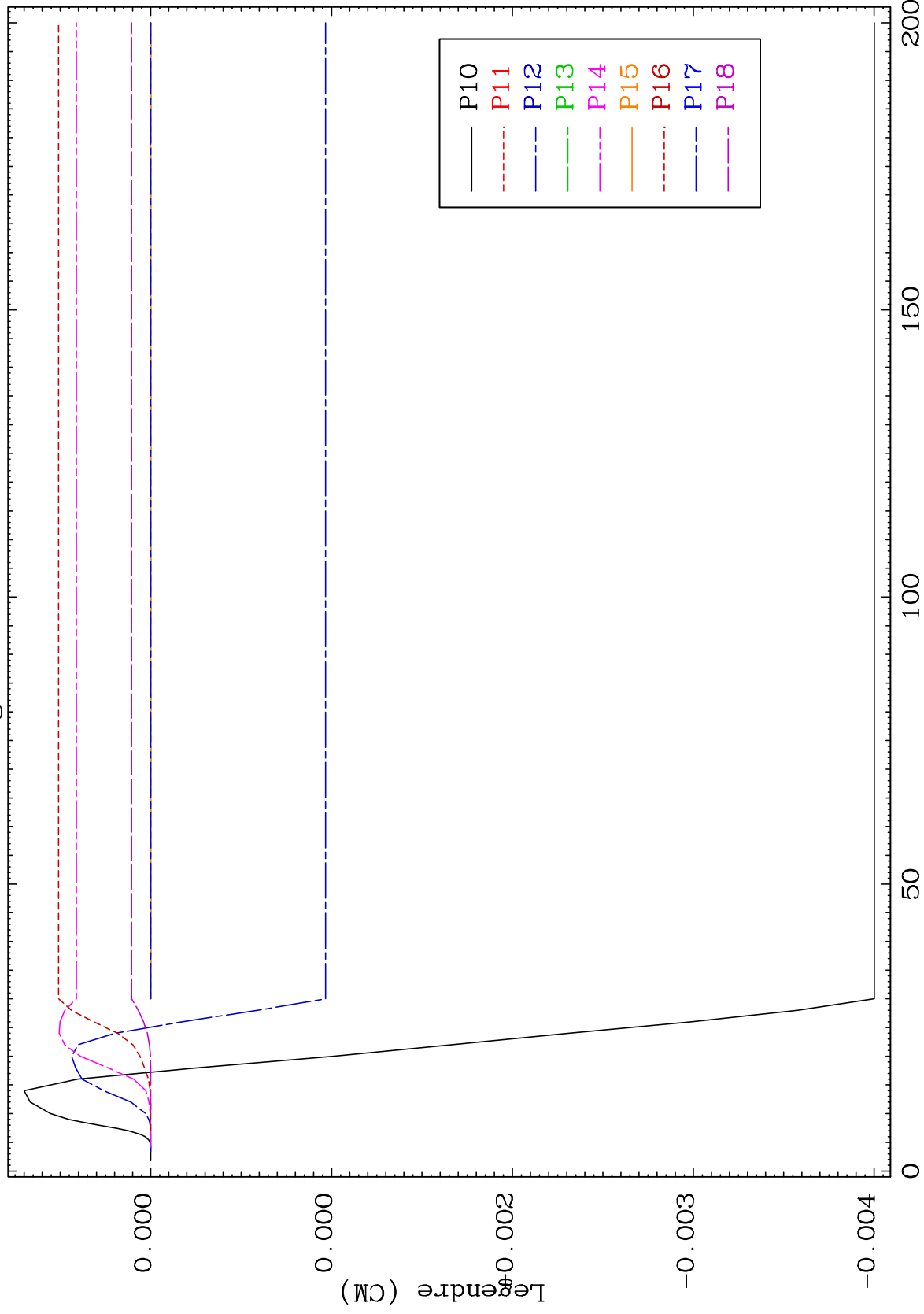
58-Ce-146



MAT 5855

1.577 MeV (n,n') Level
Legendre Coefficients

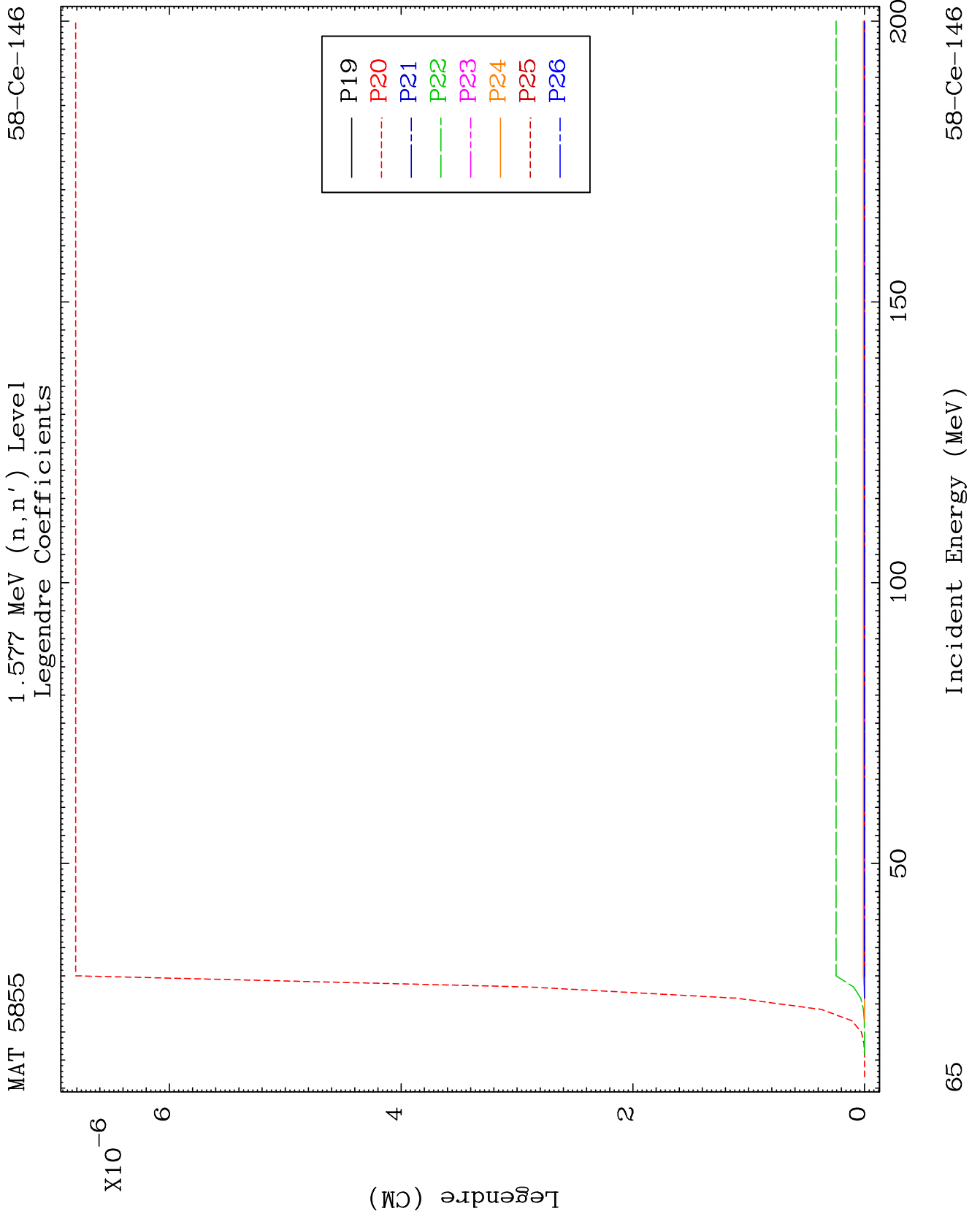
58-Ce-146



64

Incident Energy (MeV)

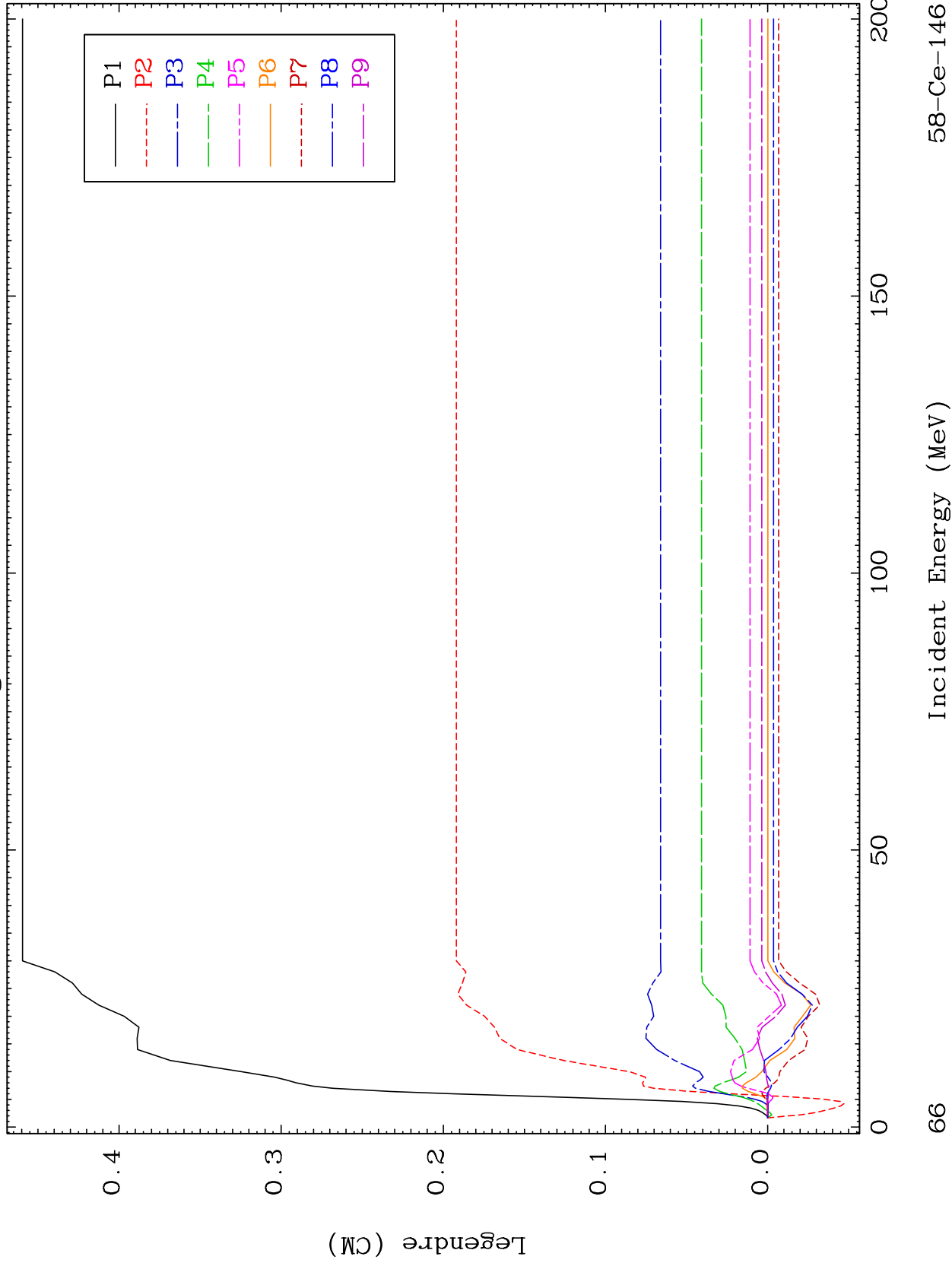
58-Ce-146



MAT 5855

1.627 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

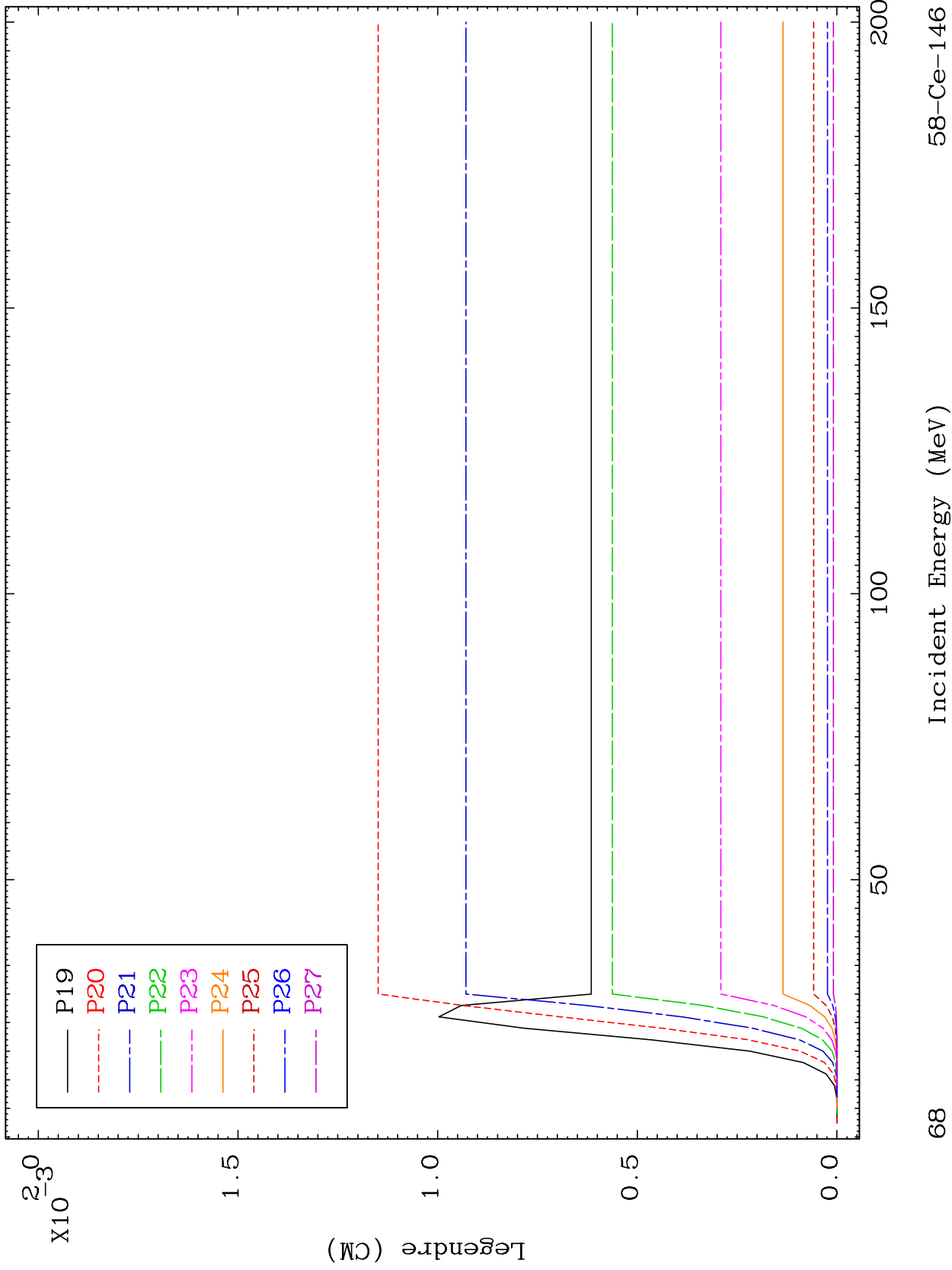
Incident Energy (MeV)

66

MAT 5855

1.627 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



68

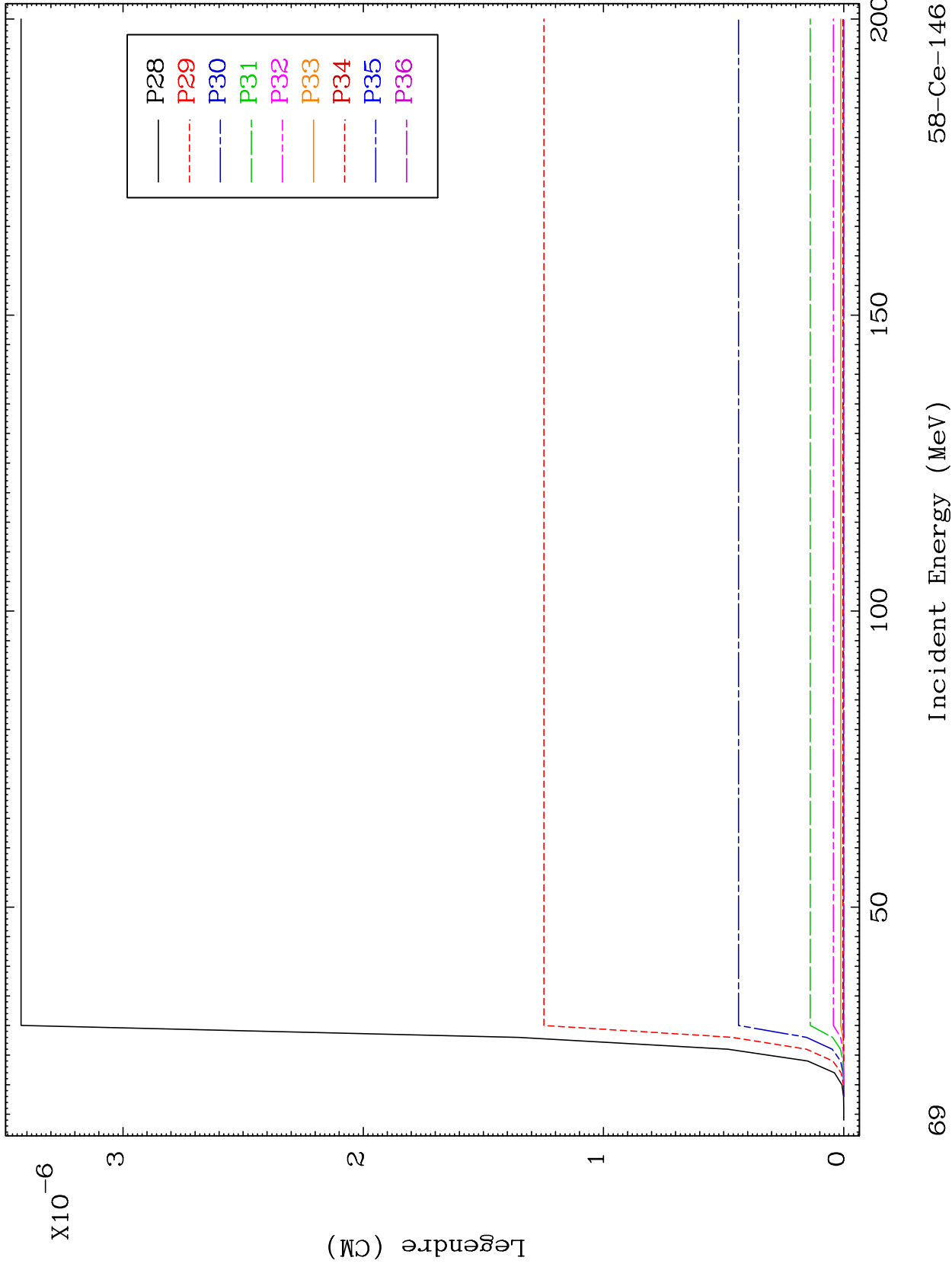
Incident Energy (MeV)

58-Ce-146

MAT 5855

1.627 MeV (n,n') Level
Legendre Coefficients

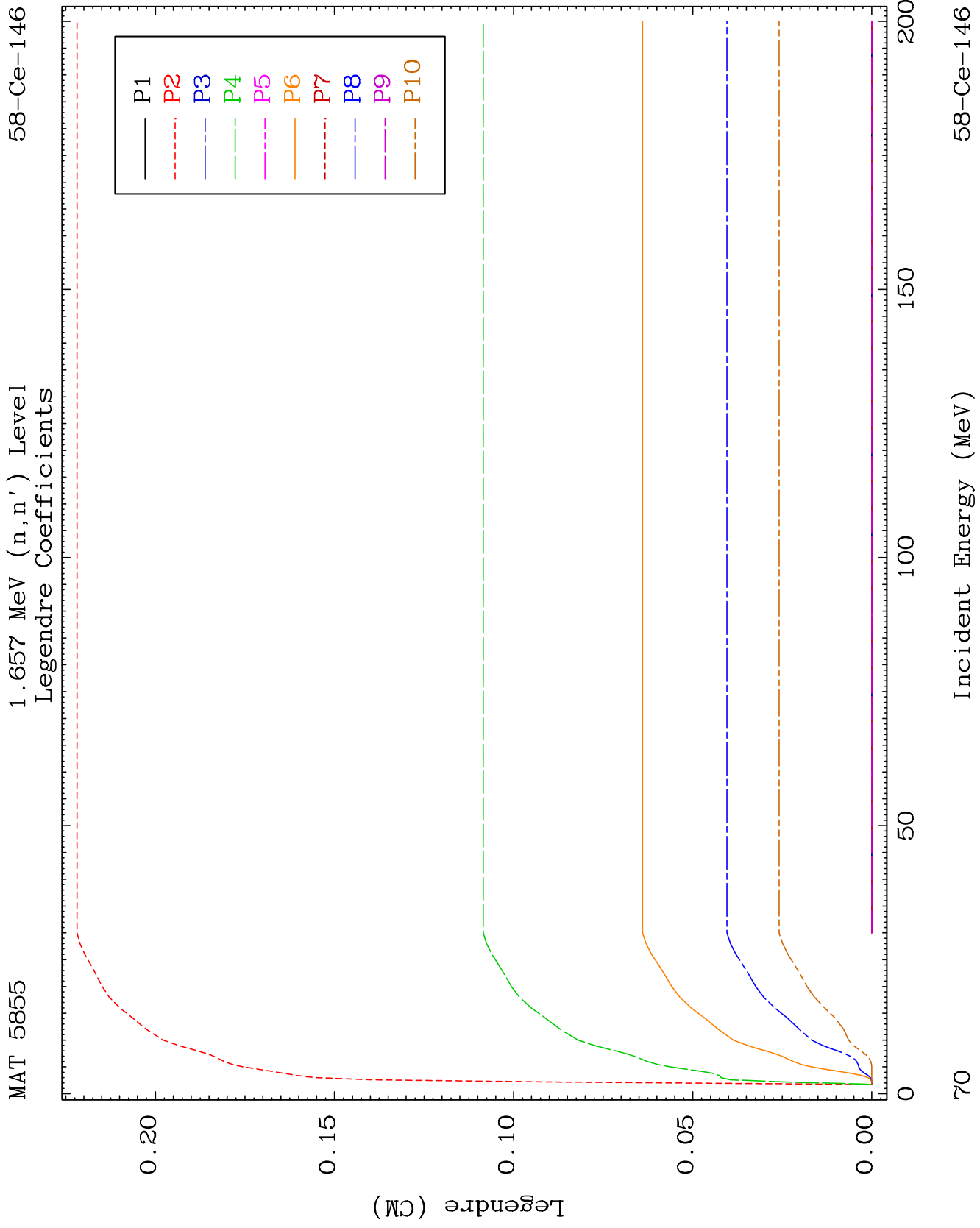
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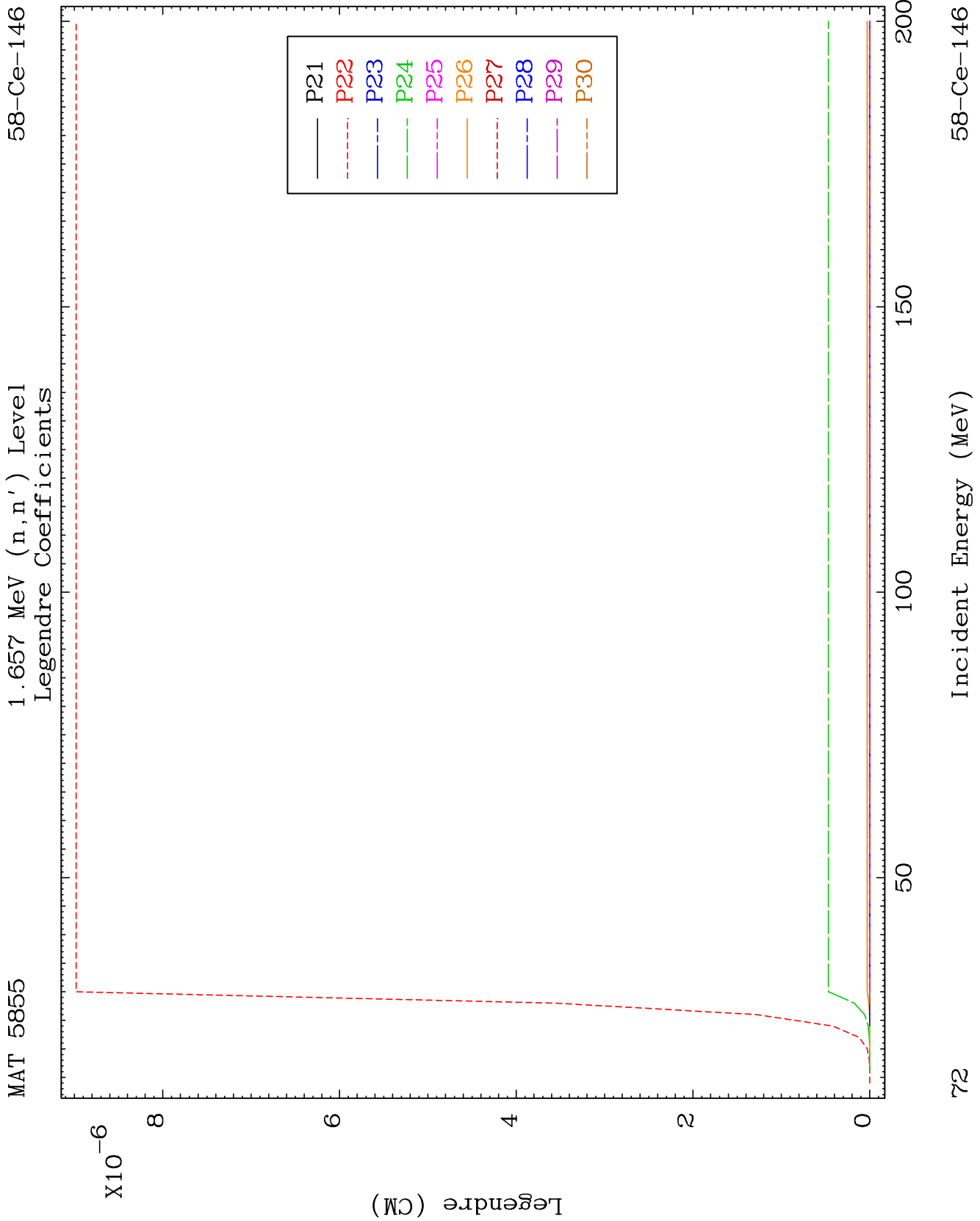


69

Incident Energy (MeV)

58-Ce-146

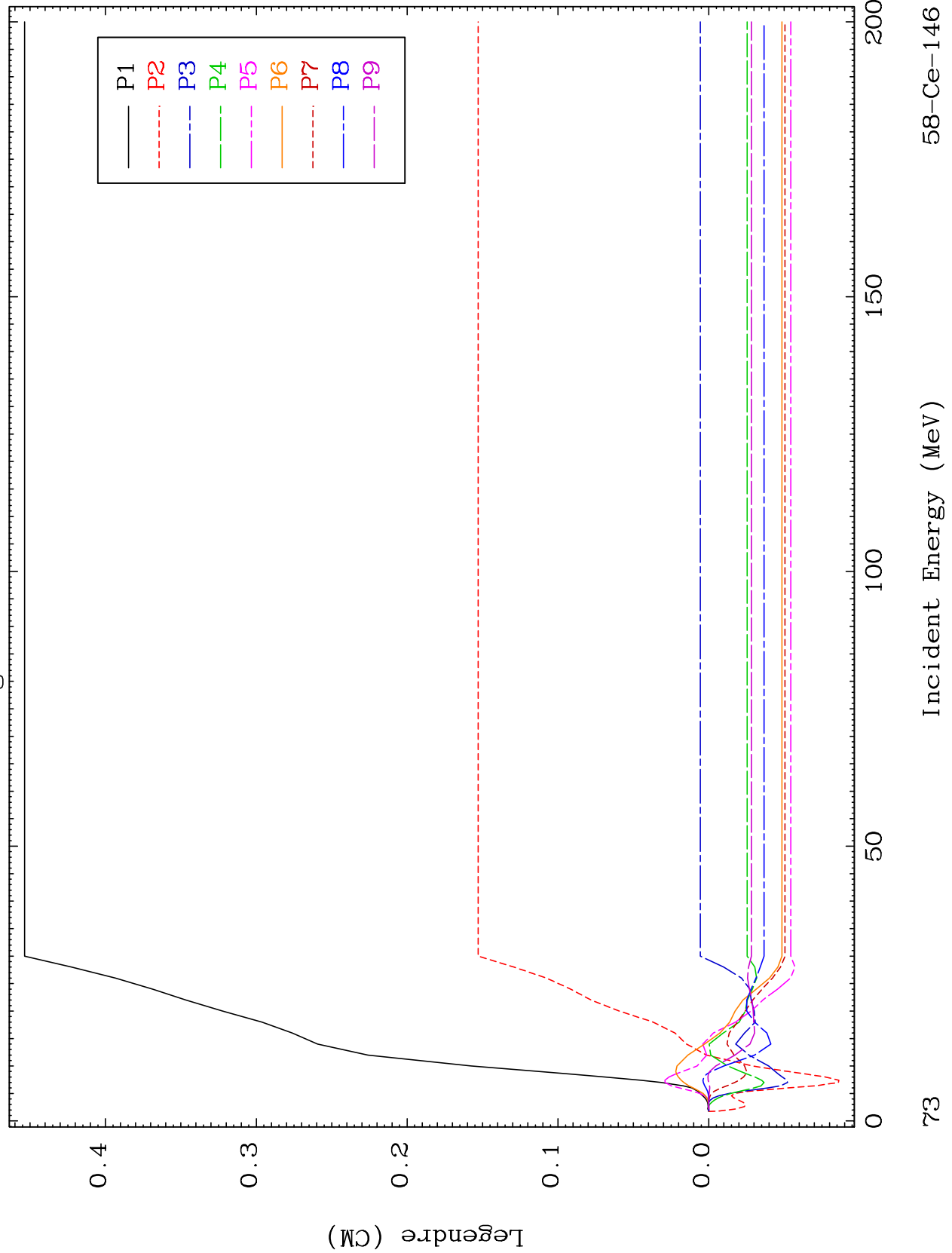




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1.712 MeV (n,n') Level
Legendre Coefficients

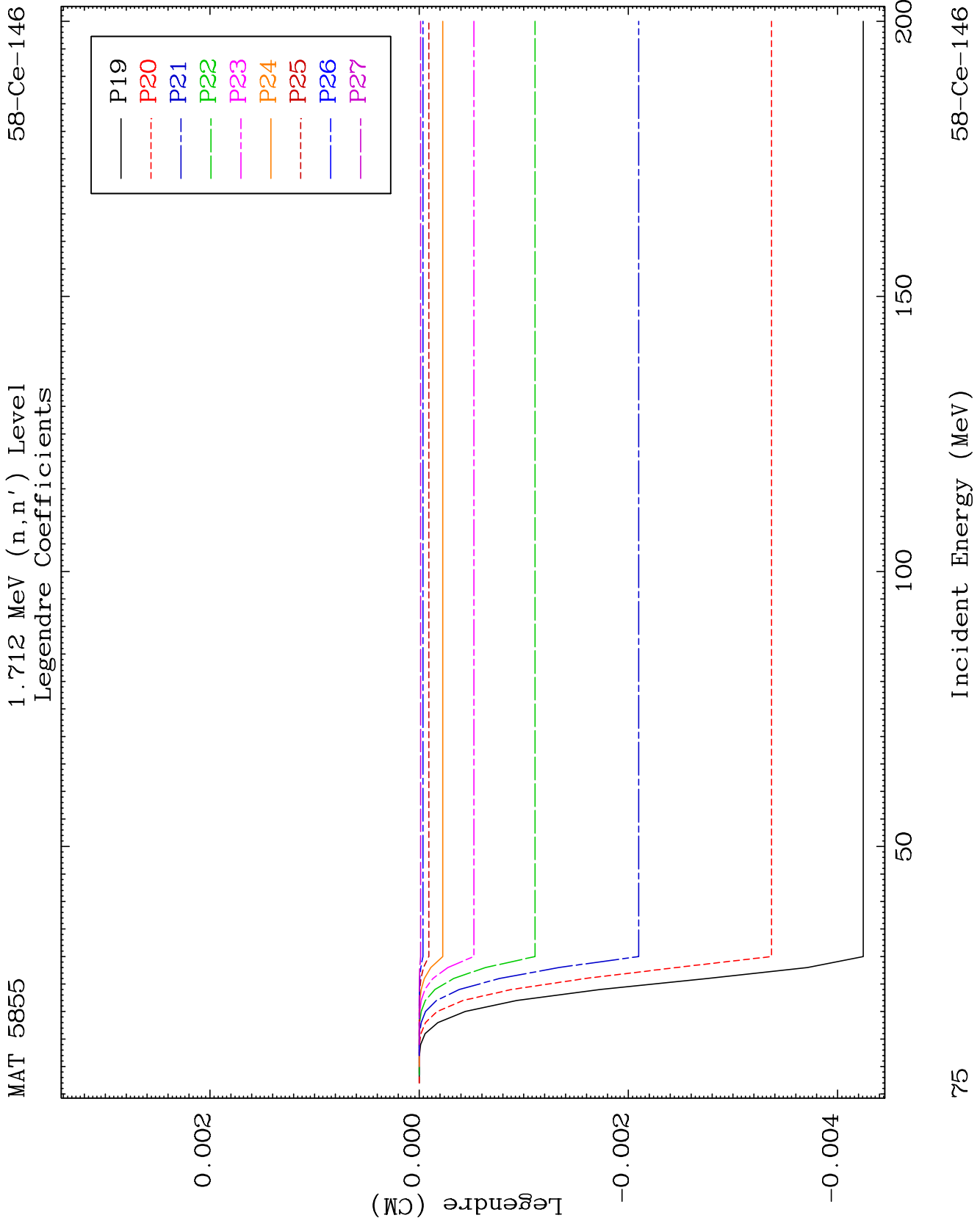
58-Ce-146



58-Ce-146

Incident Energy (MeV)

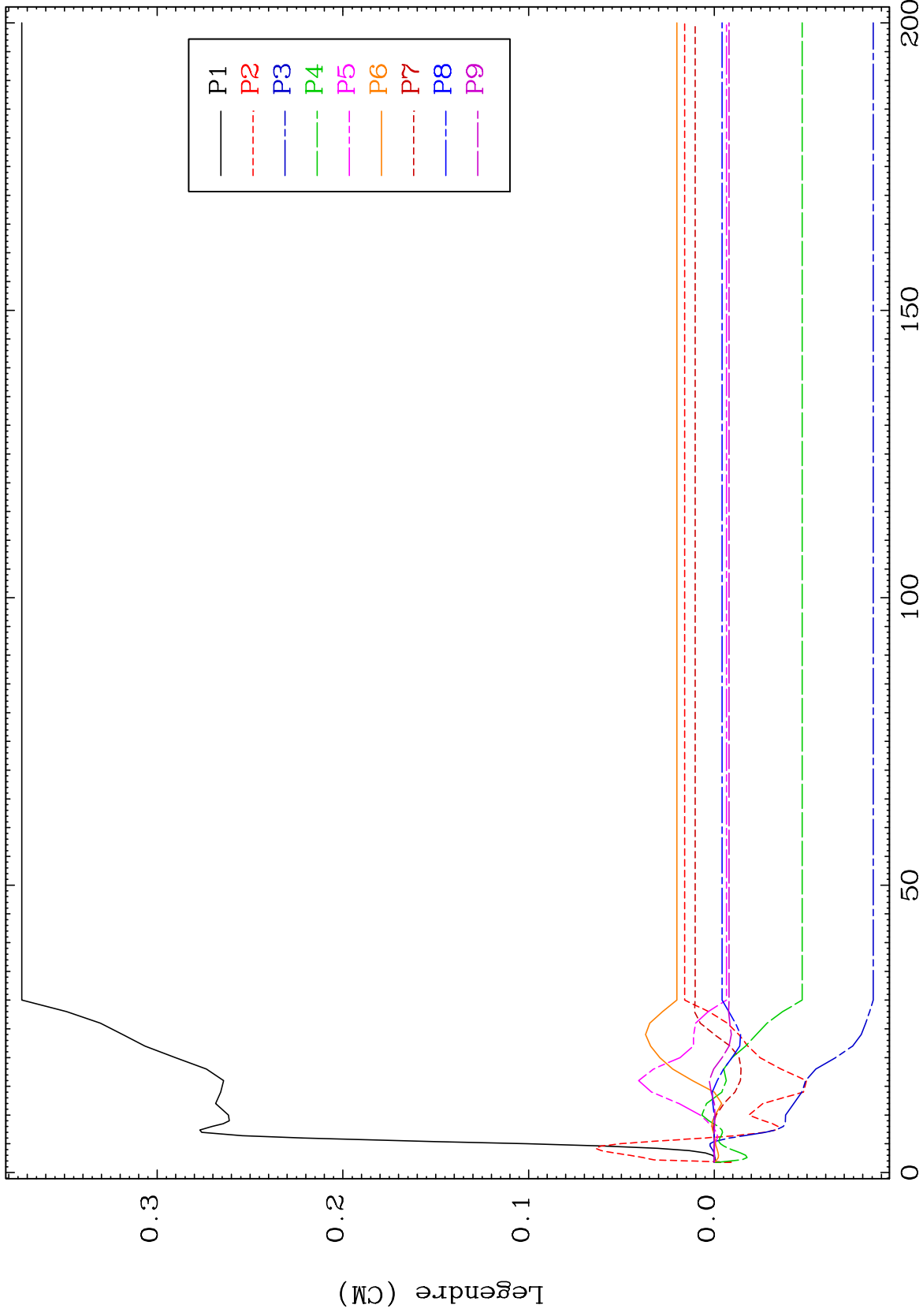
73



MAT 5855

1.737 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



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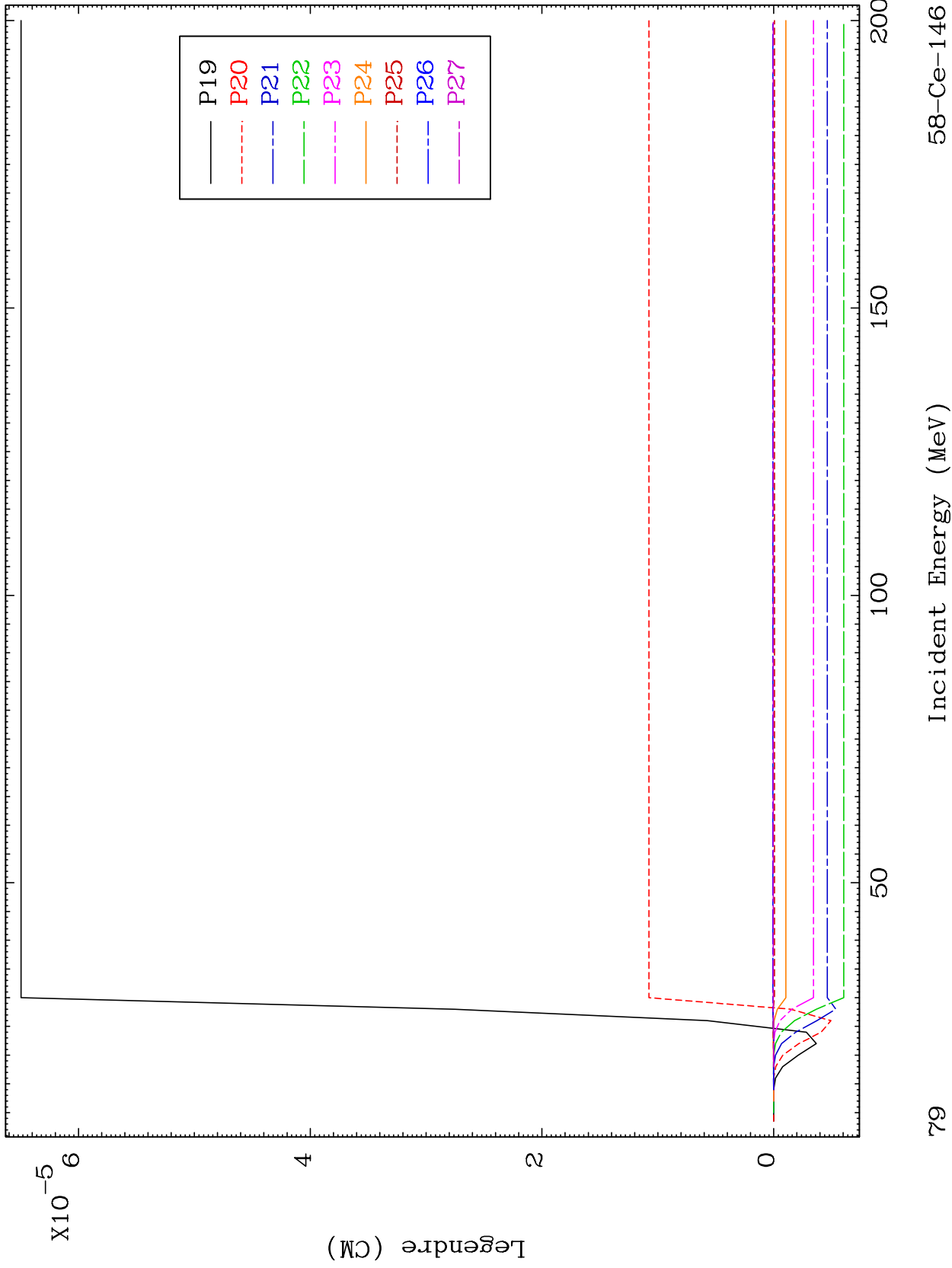
Incident Energy (MeV)

58-Ce-146

MAT 5855

1.737 MeV (n,n') Level
Legendre Coefficients

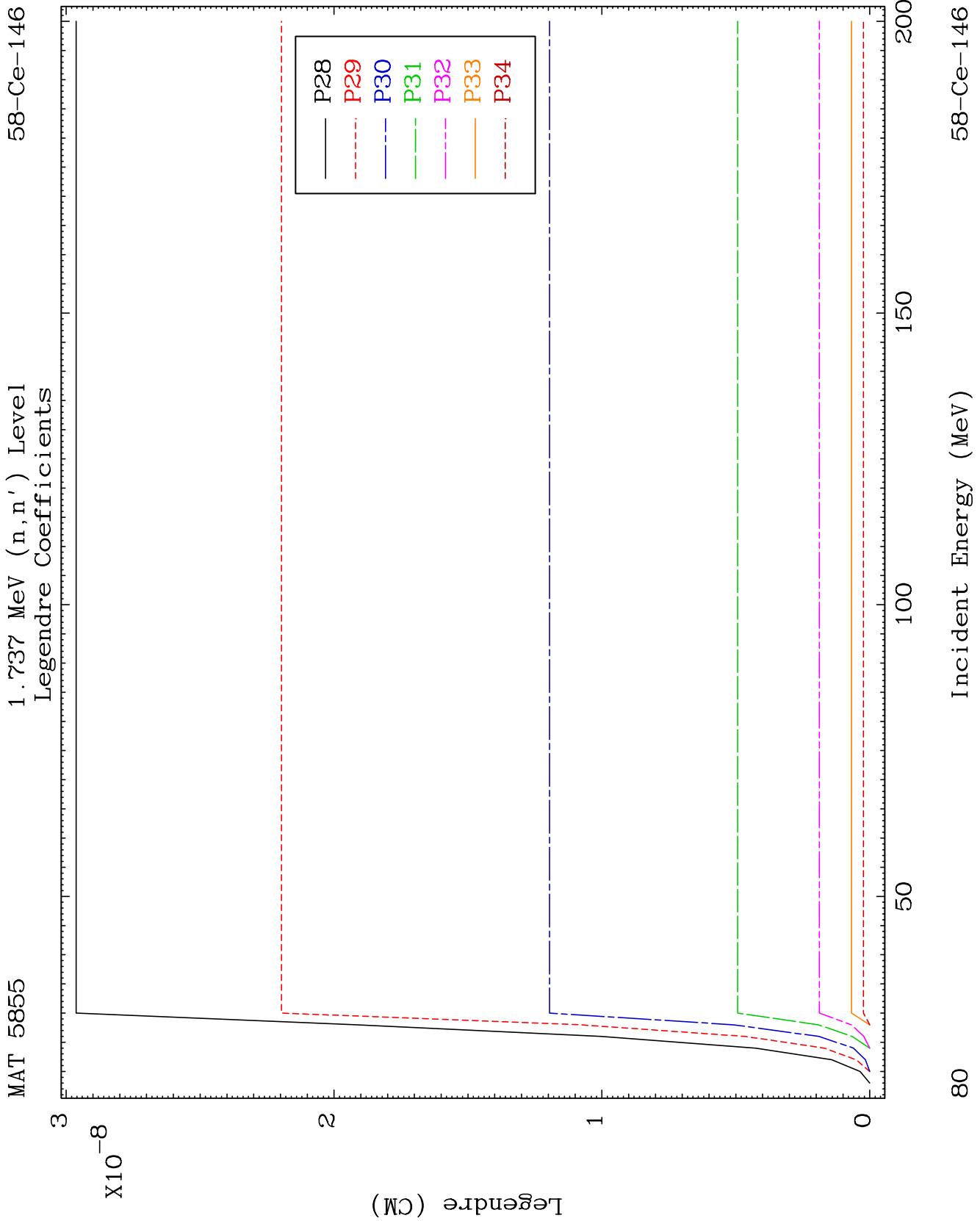
58-Ce-146



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Incident Energy (MeV)

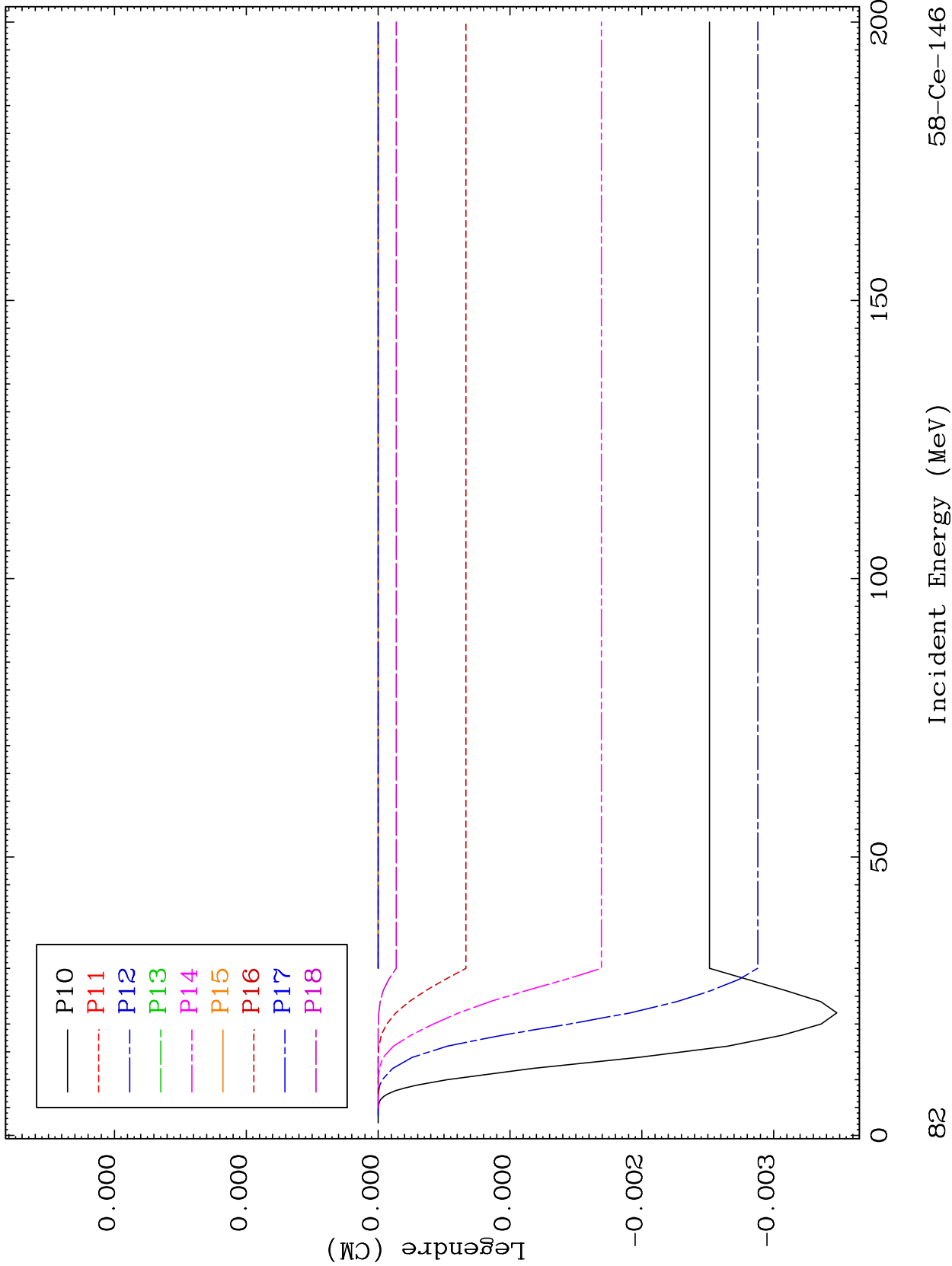
58-Ce-146



MAT 5855

1.754 MeV (n,n') Level
Legendre Coefficients

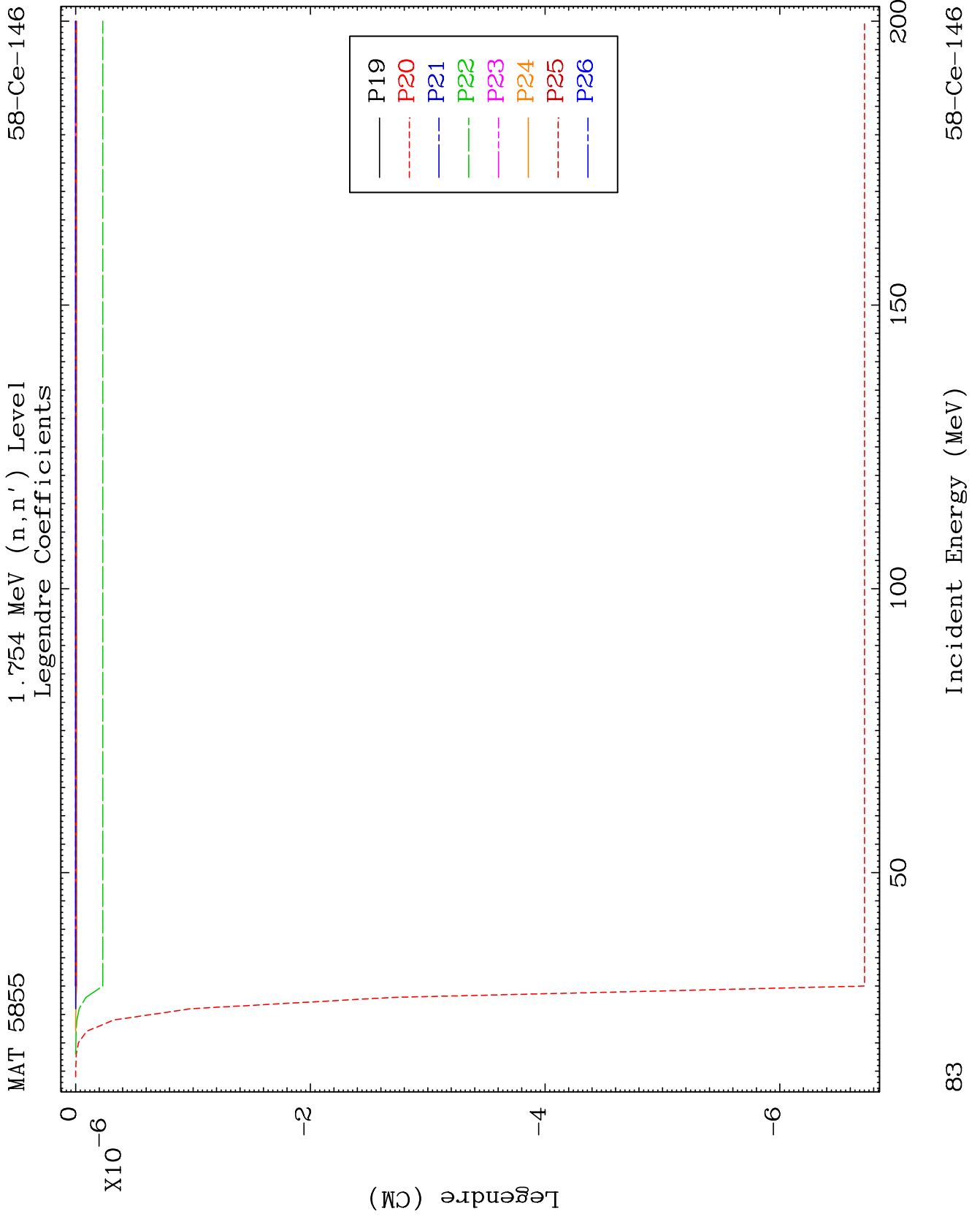
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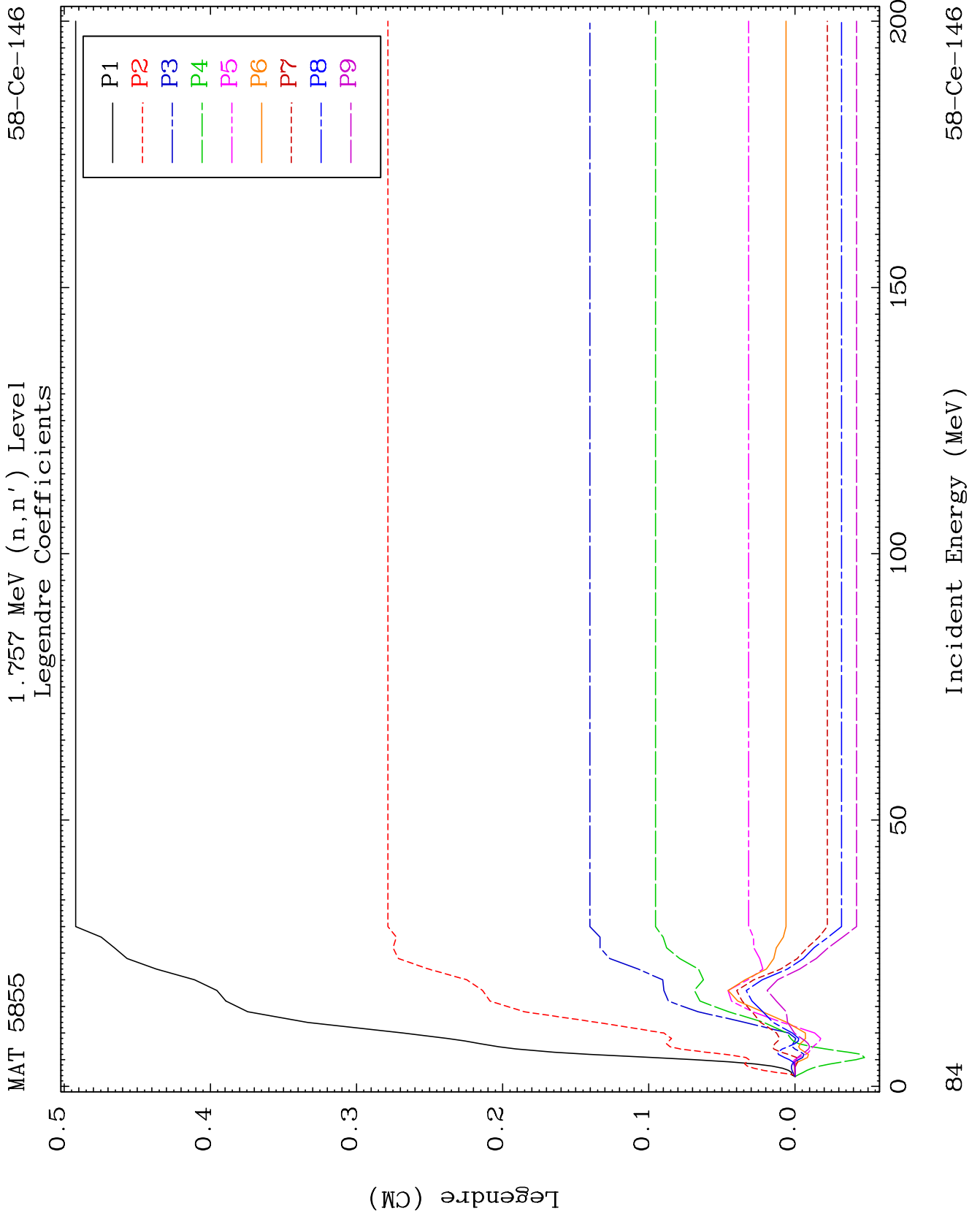


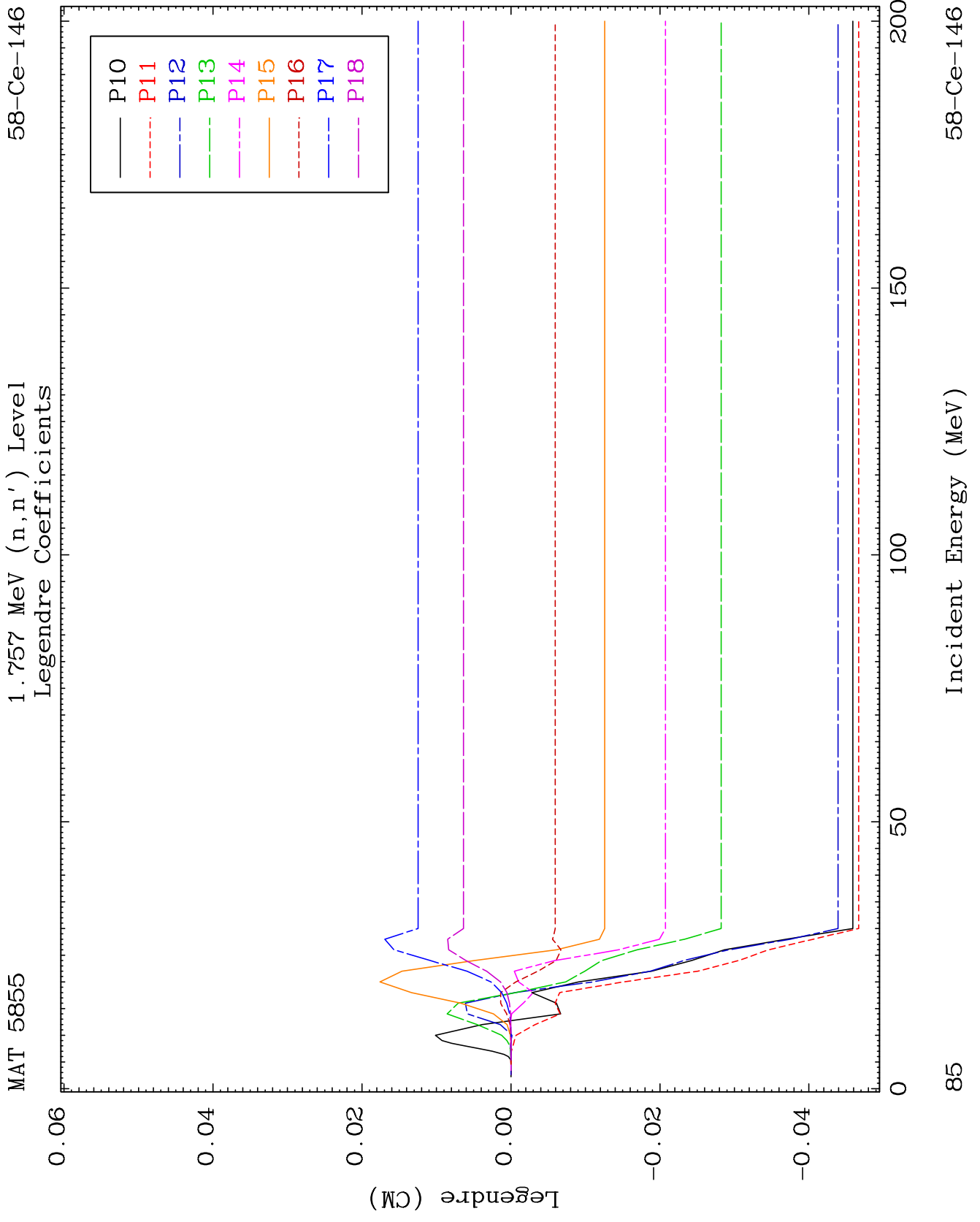
82

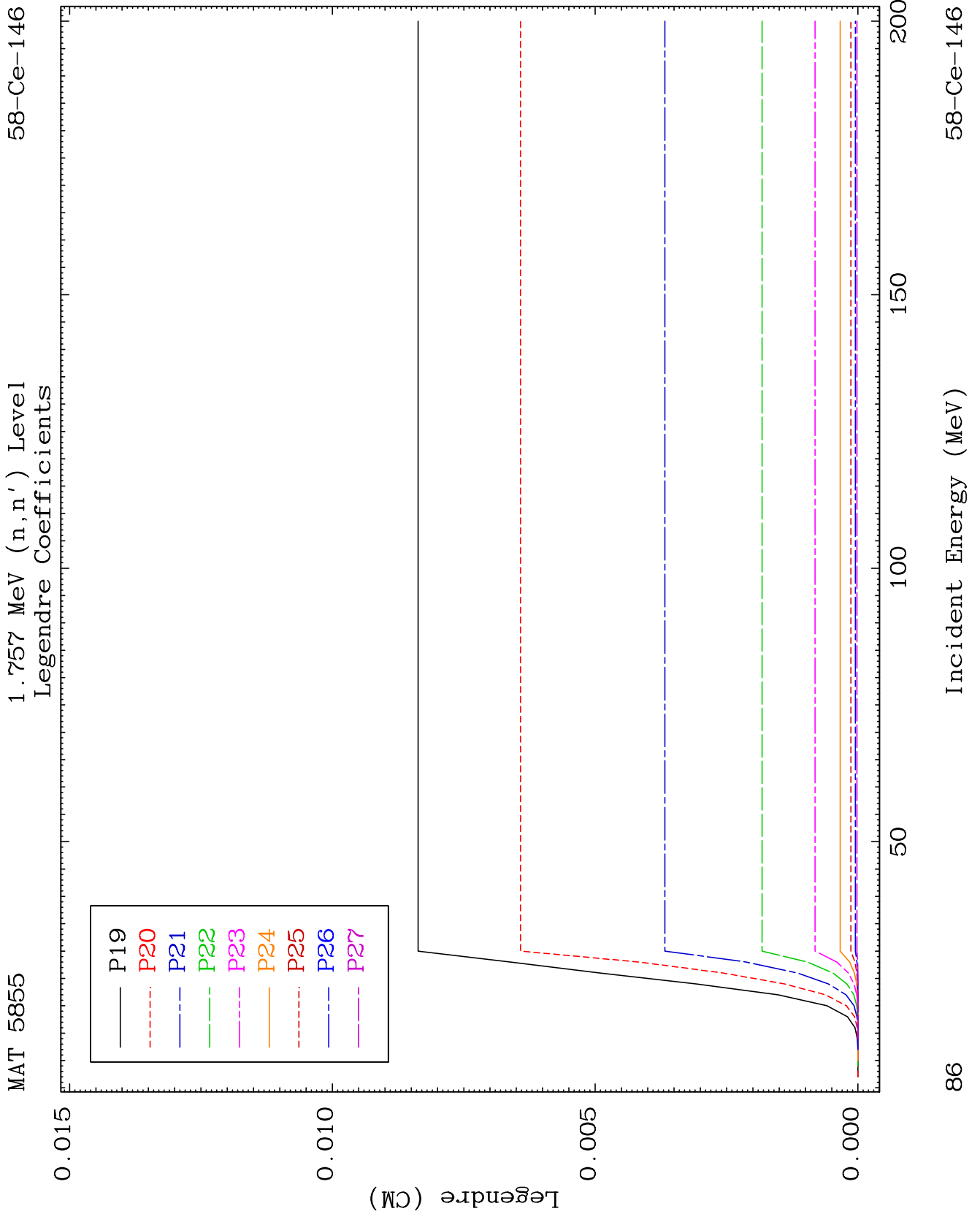
Incident Energy (MeV)

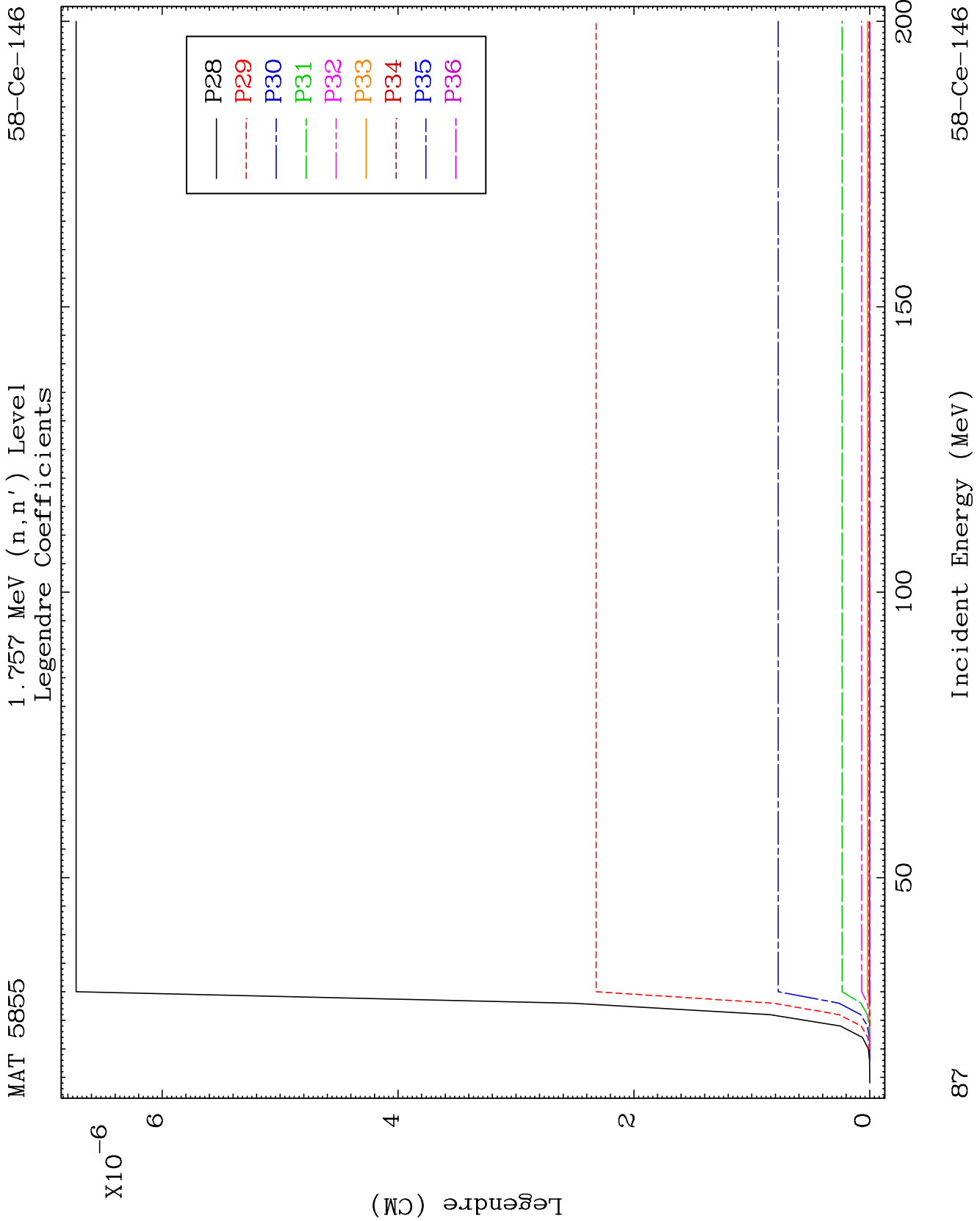
58-Ce-146

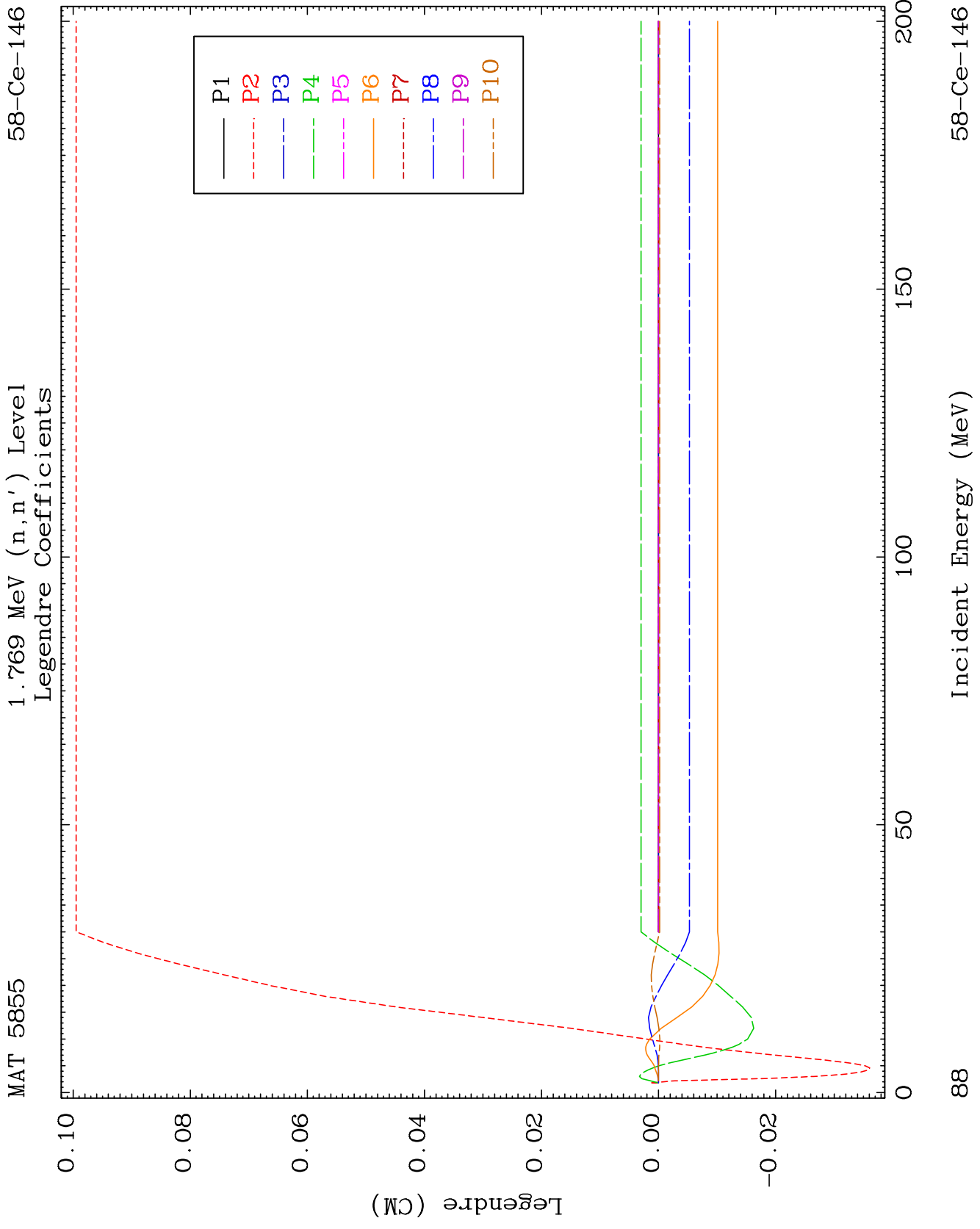


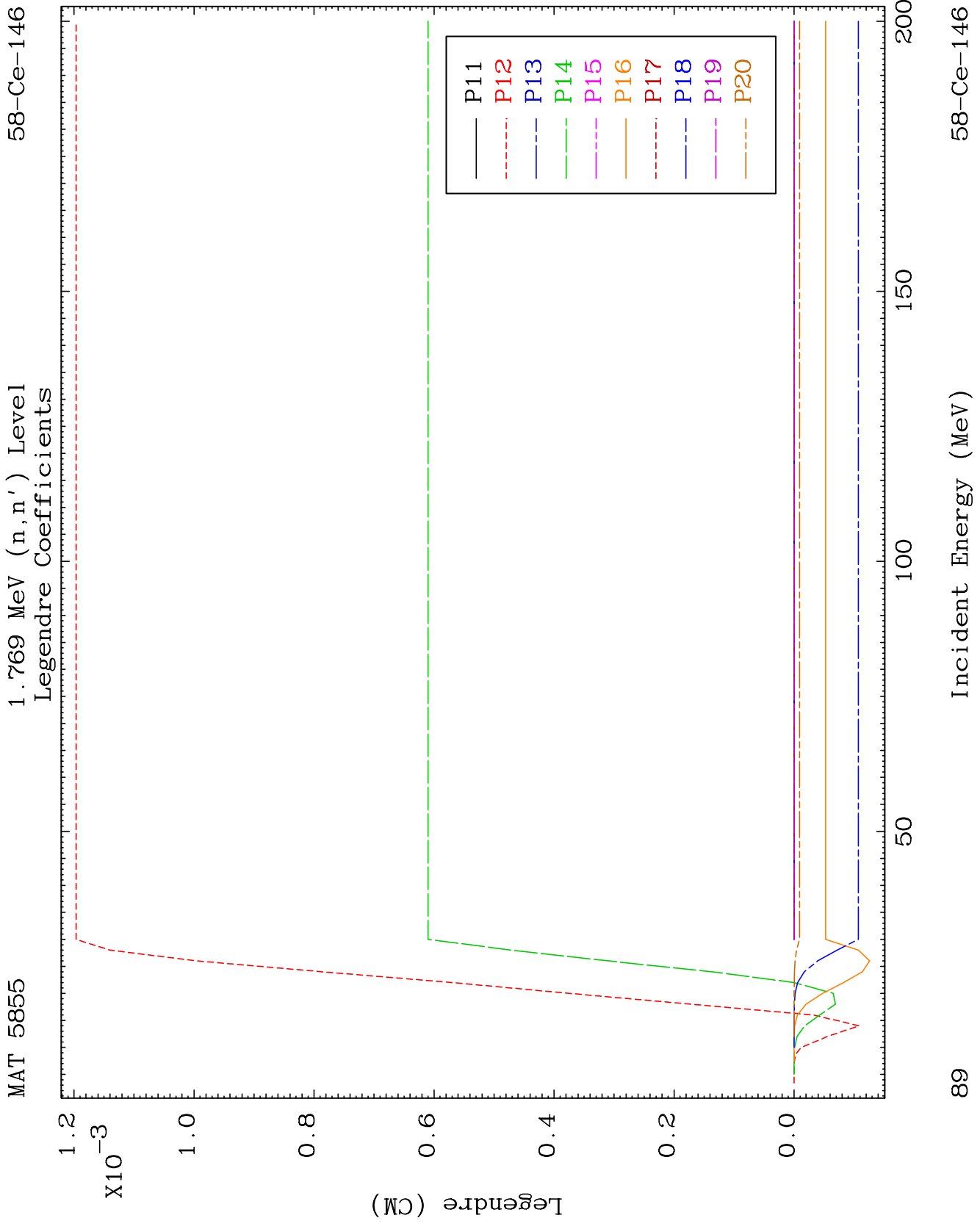


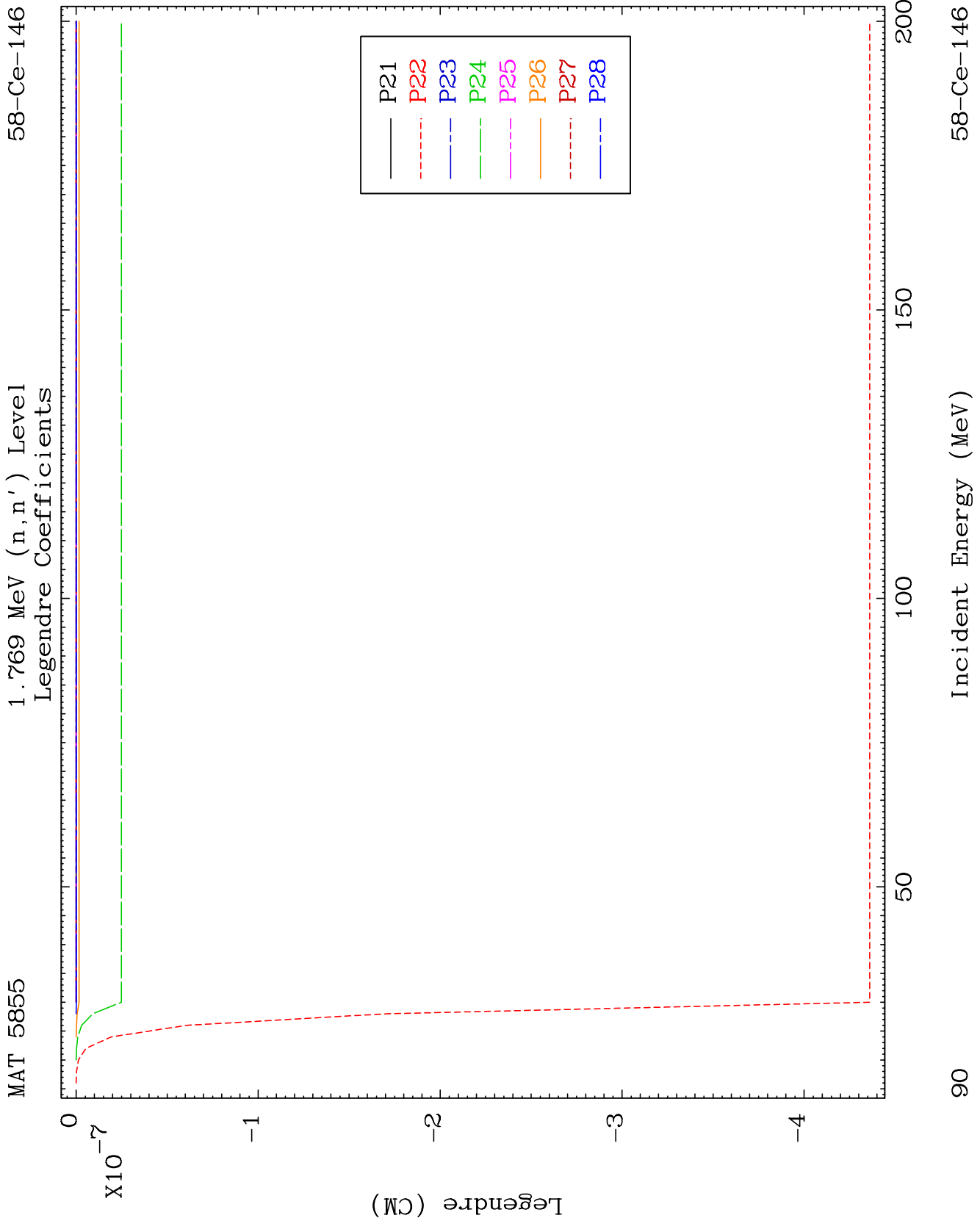








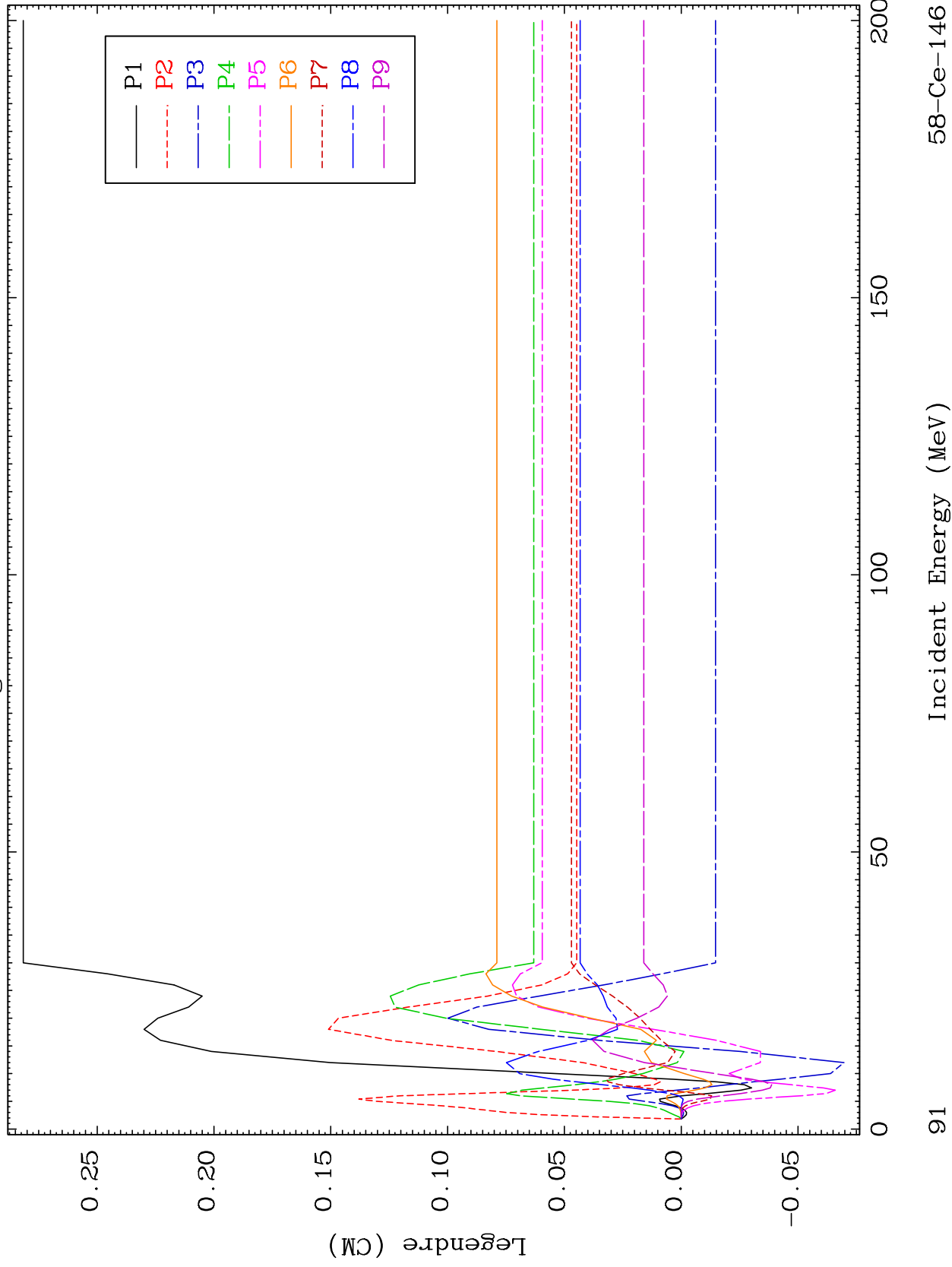




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1.797 MeV (n,n') Level
Legendre Coefficients

58-Ce-146



91

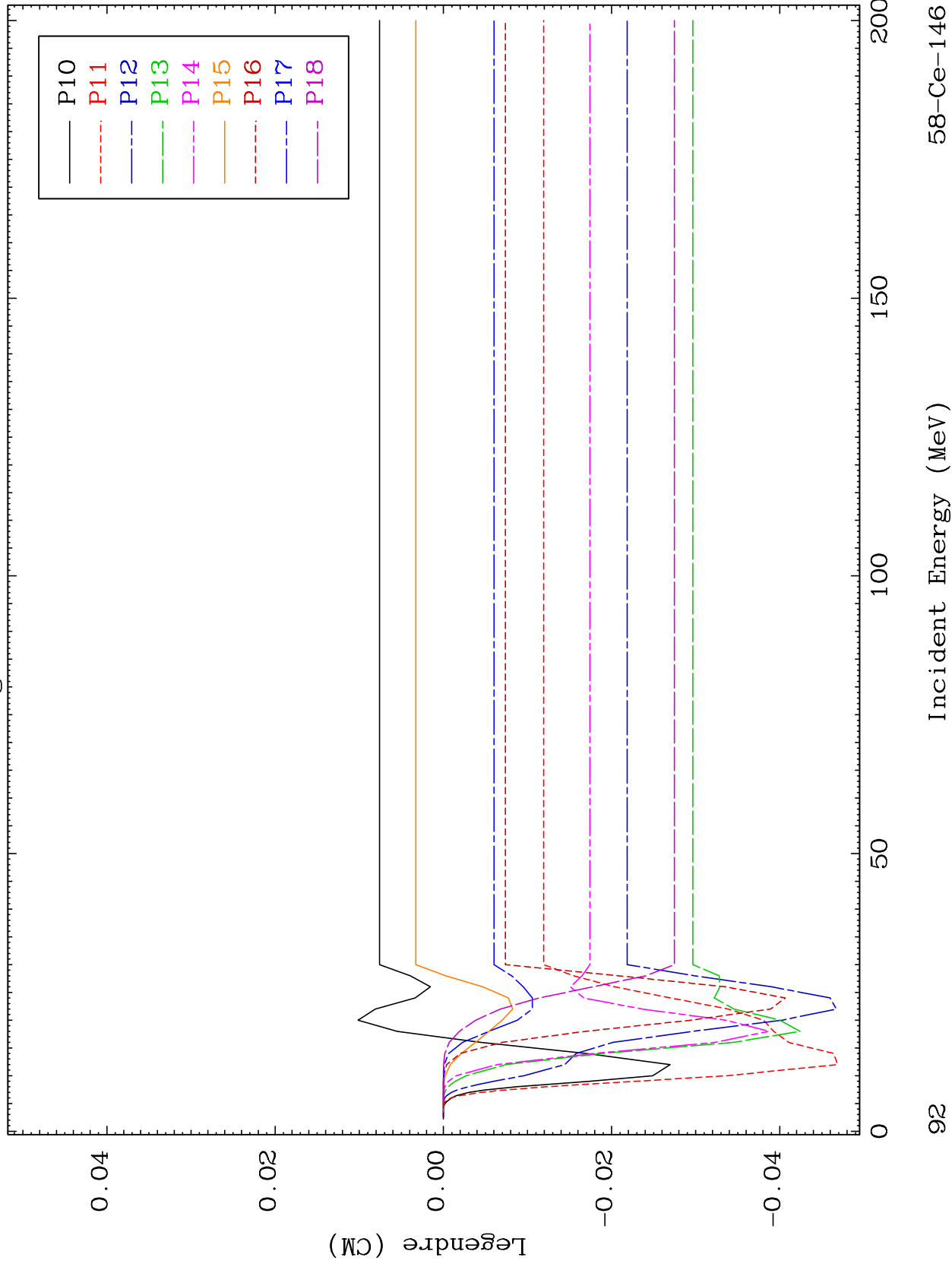
Incident Energy (MeV)

58-Ce-146

MAT 5855

1.797 MeV (n,n') Level
Legendre Coefficients

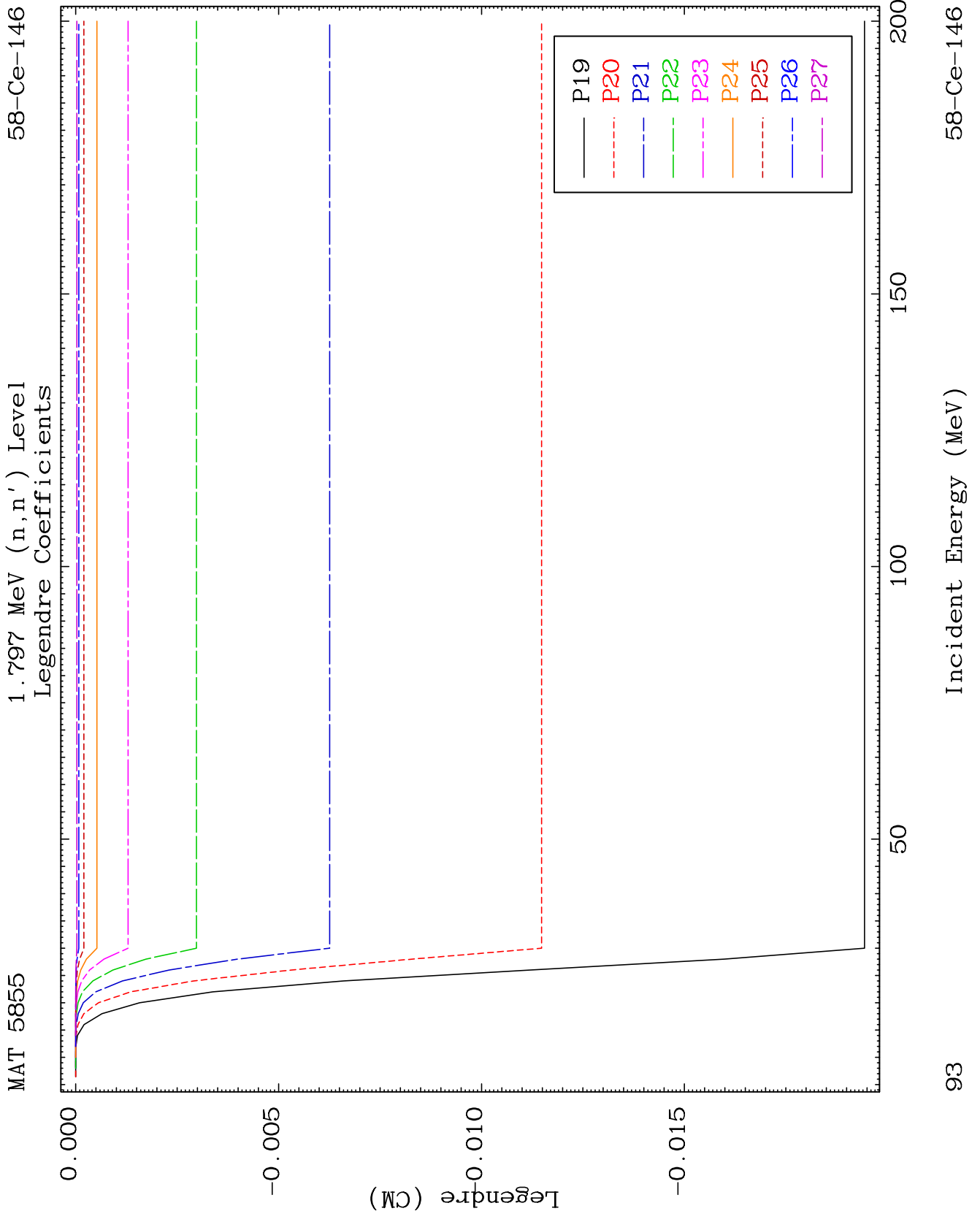
58-Ce-146

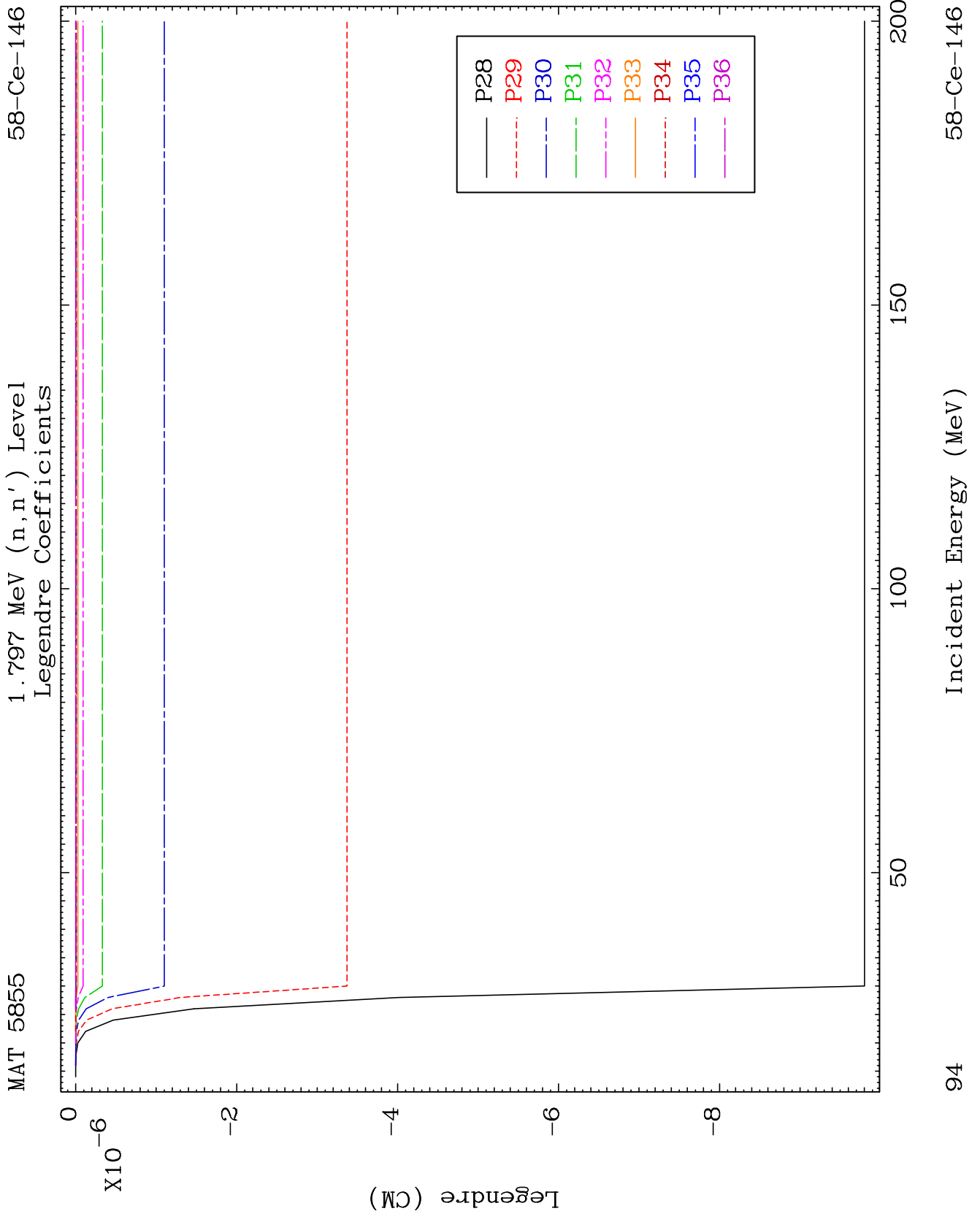


58-Ce-146

Incident Energy (MeV)

92

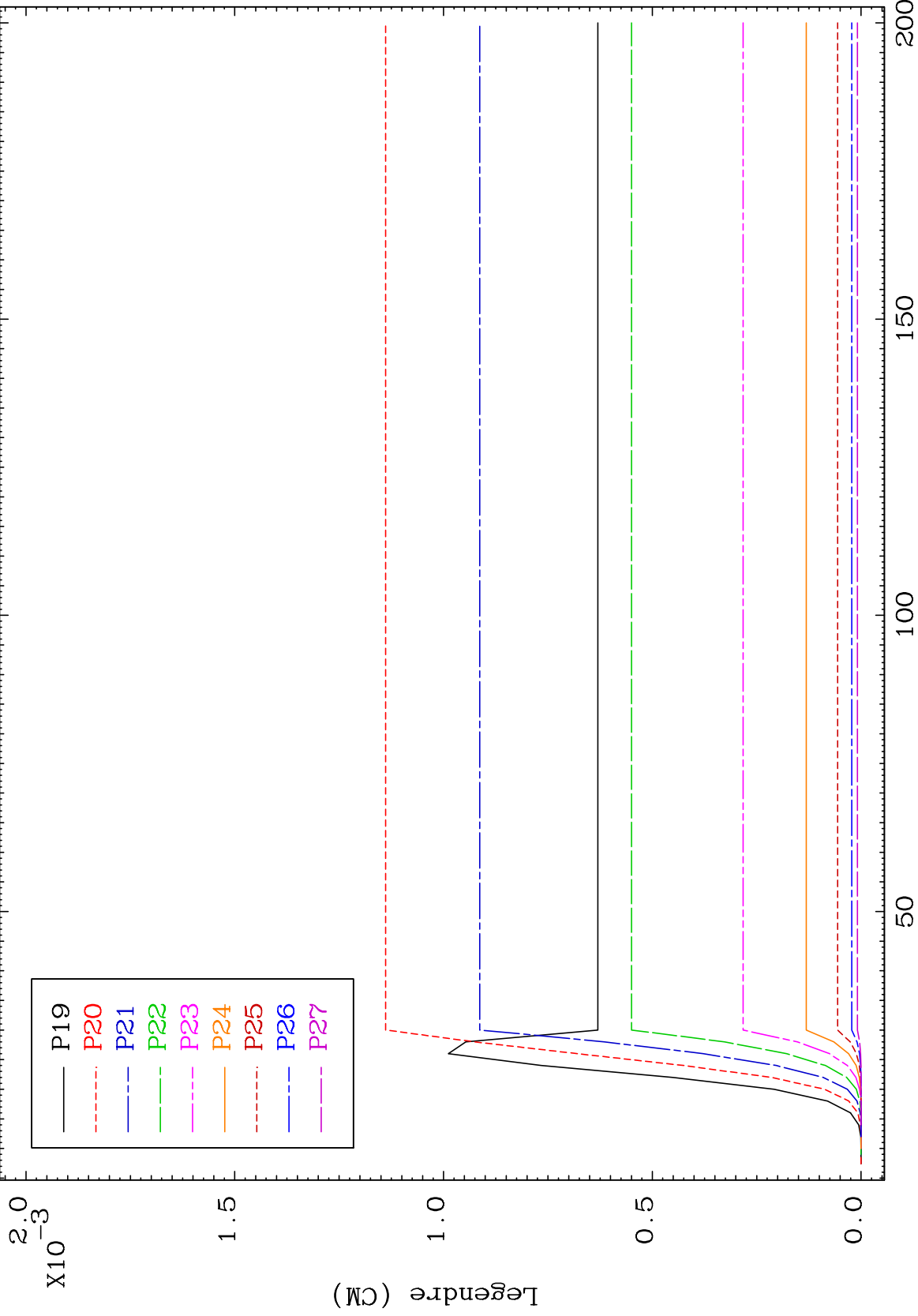




MAT 5855

1.802 MeV (n, n') Level
Legendre Coefficients

58-Ce-146



97

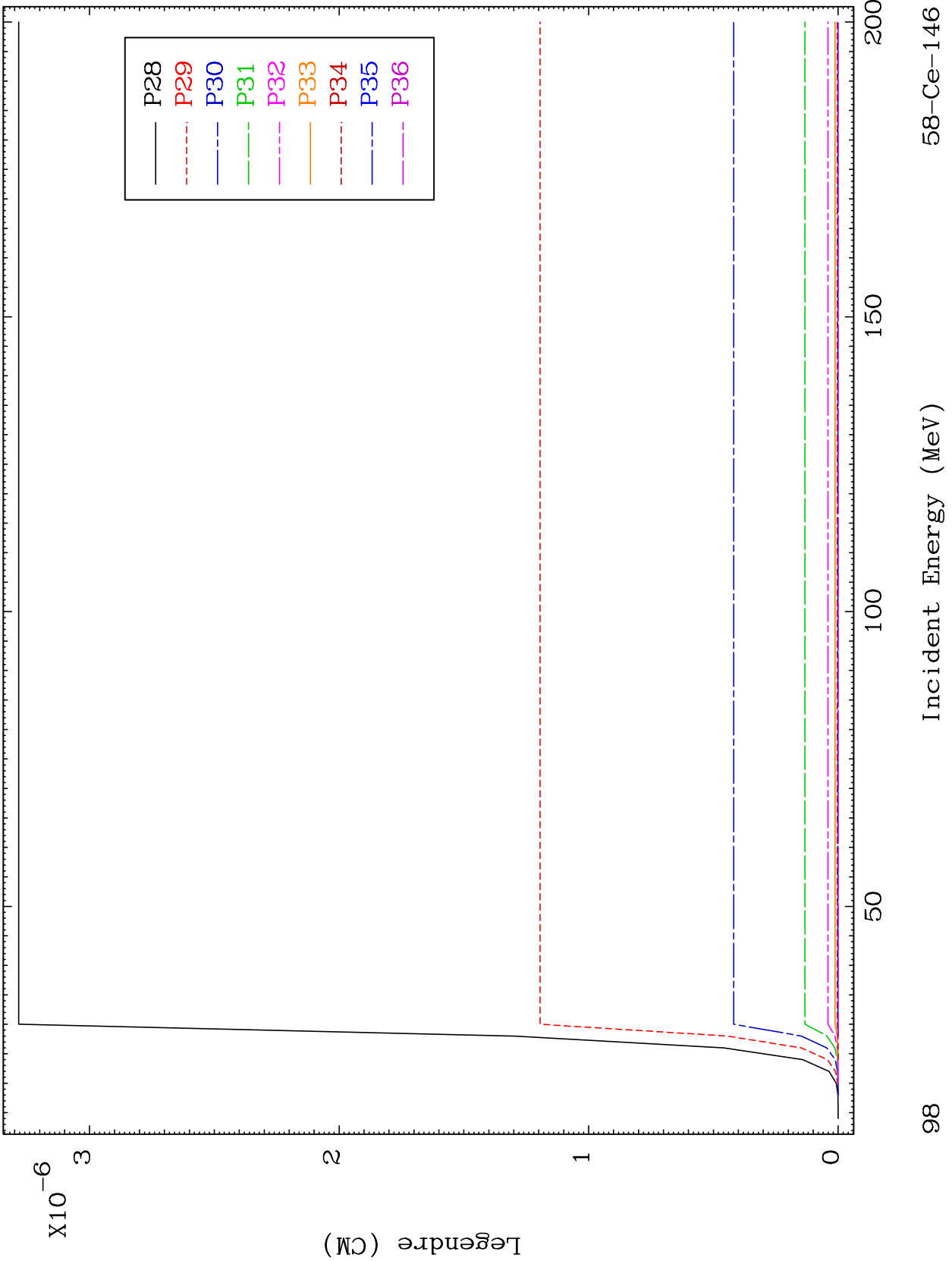
Incident Energy (MeV)

58-Ce-146

MAT 5855

1.802 MeV (n,n') Level
Legendre Coefficients

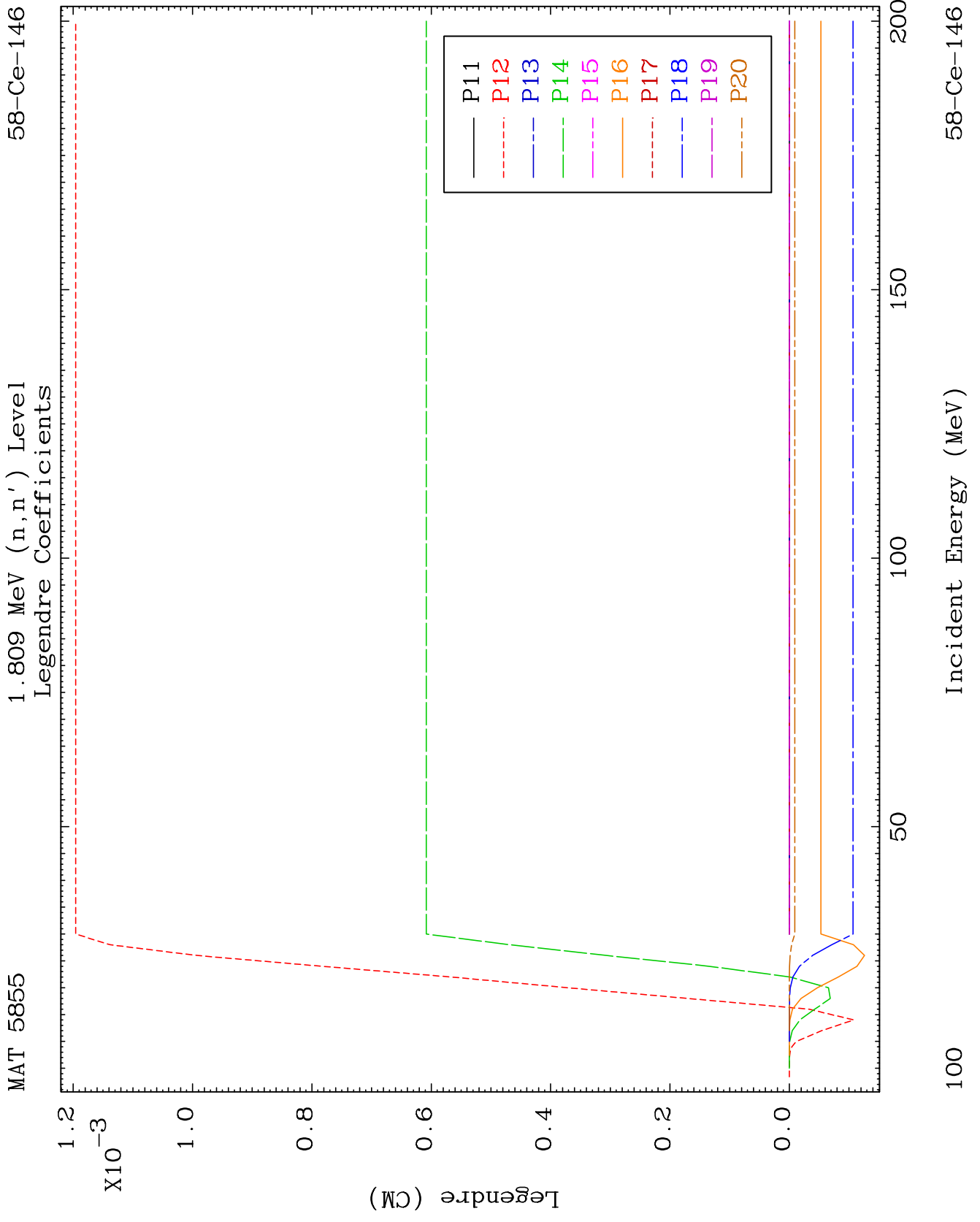
58-Ce-146

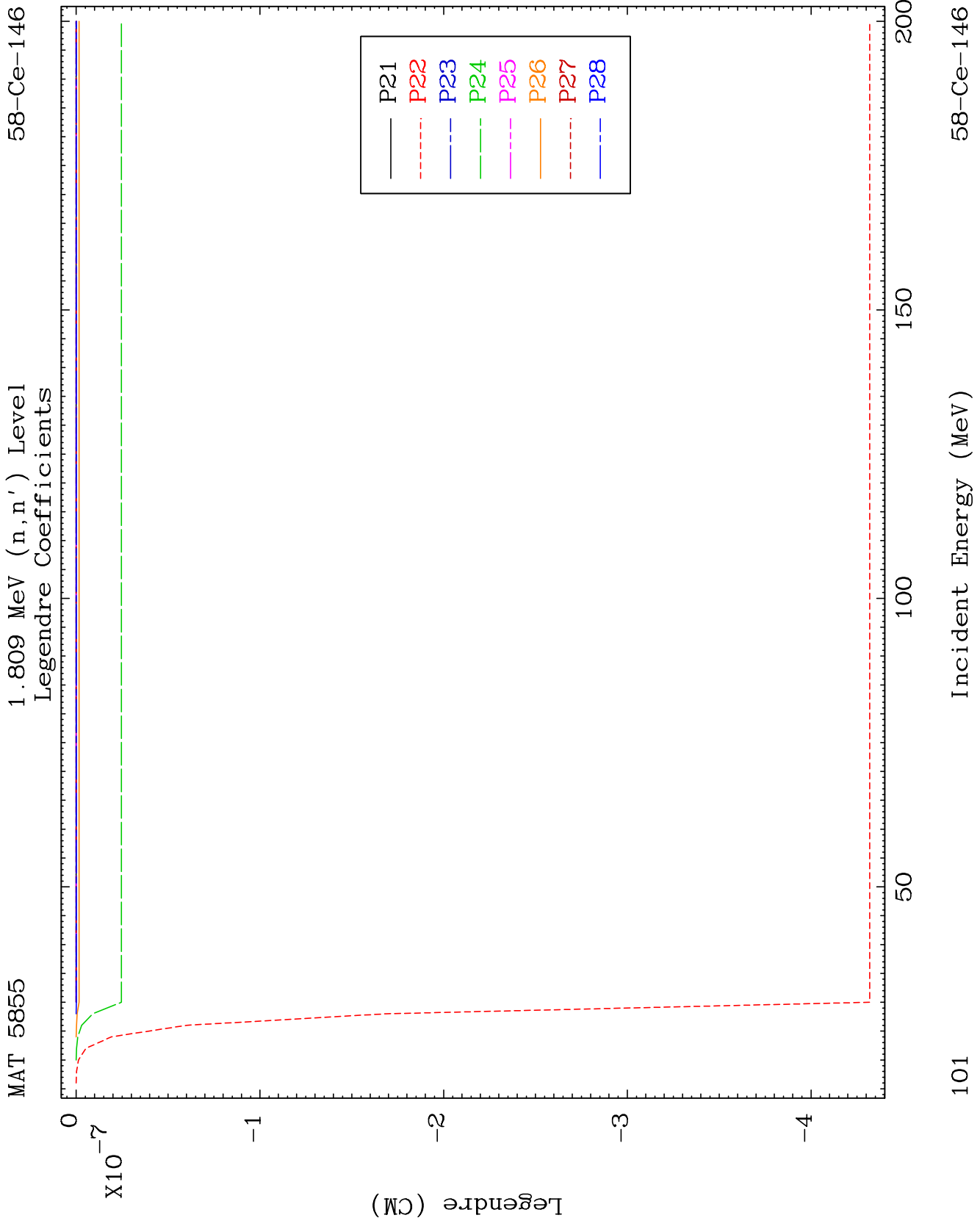


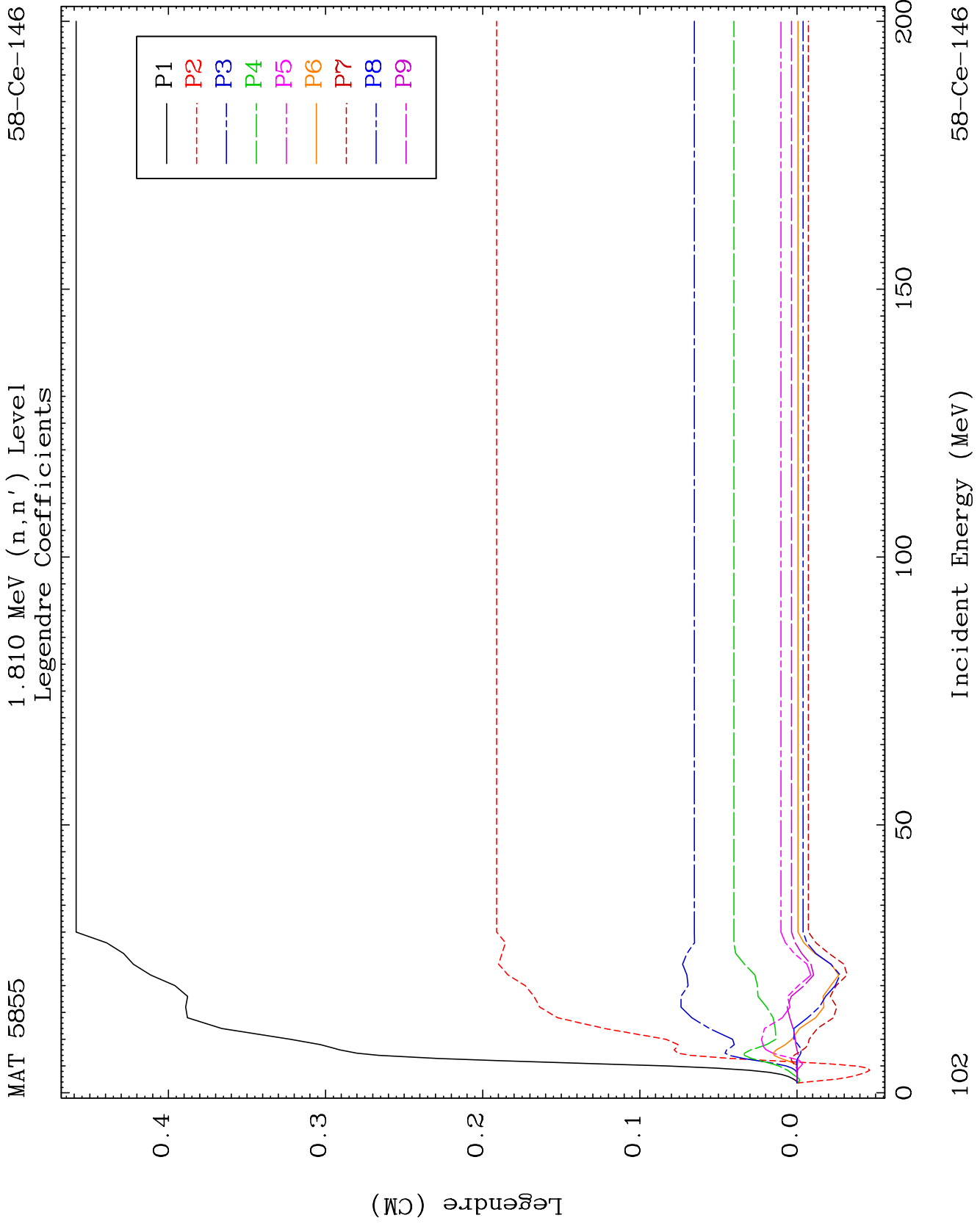
98

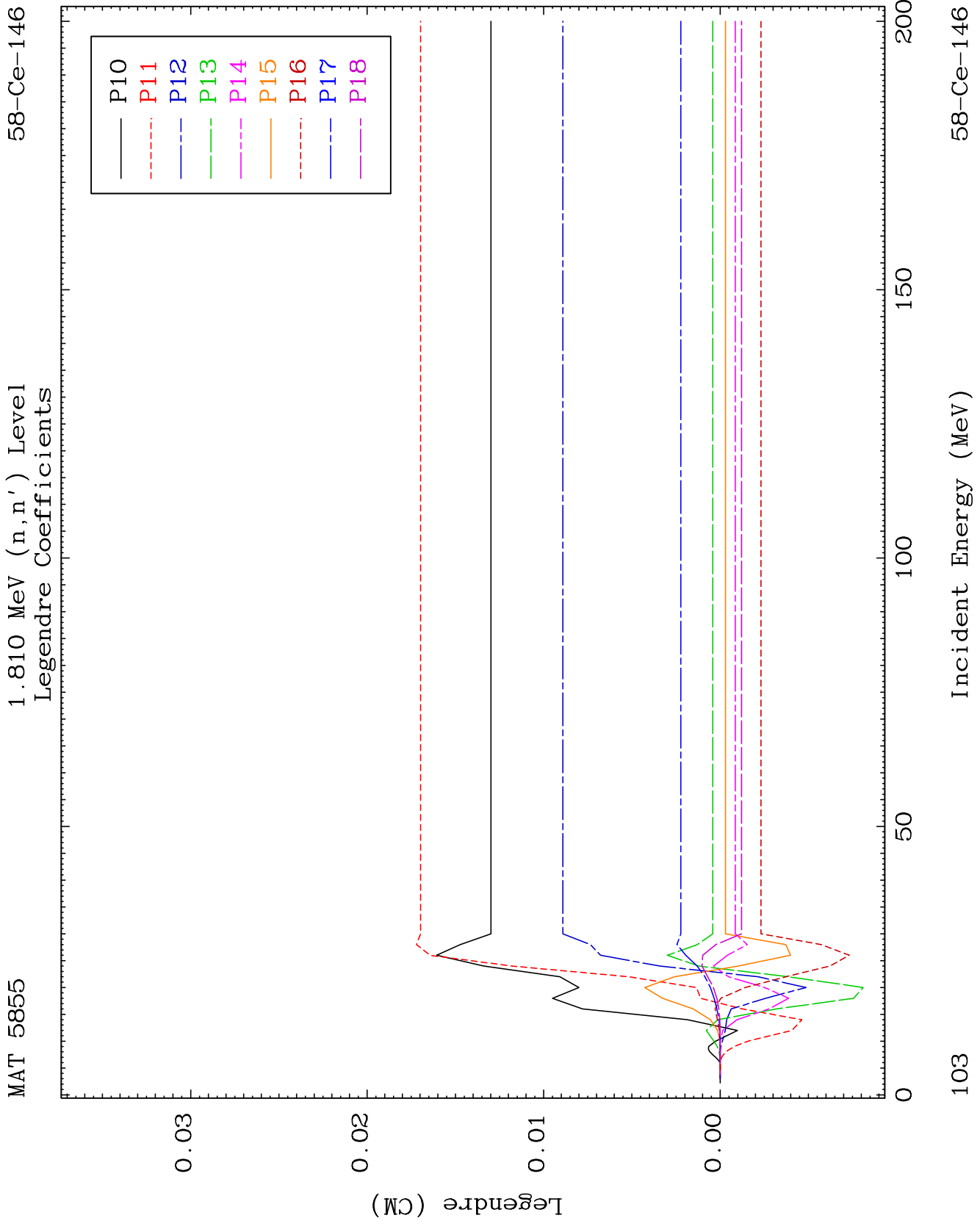
Incident Energy (MeV)

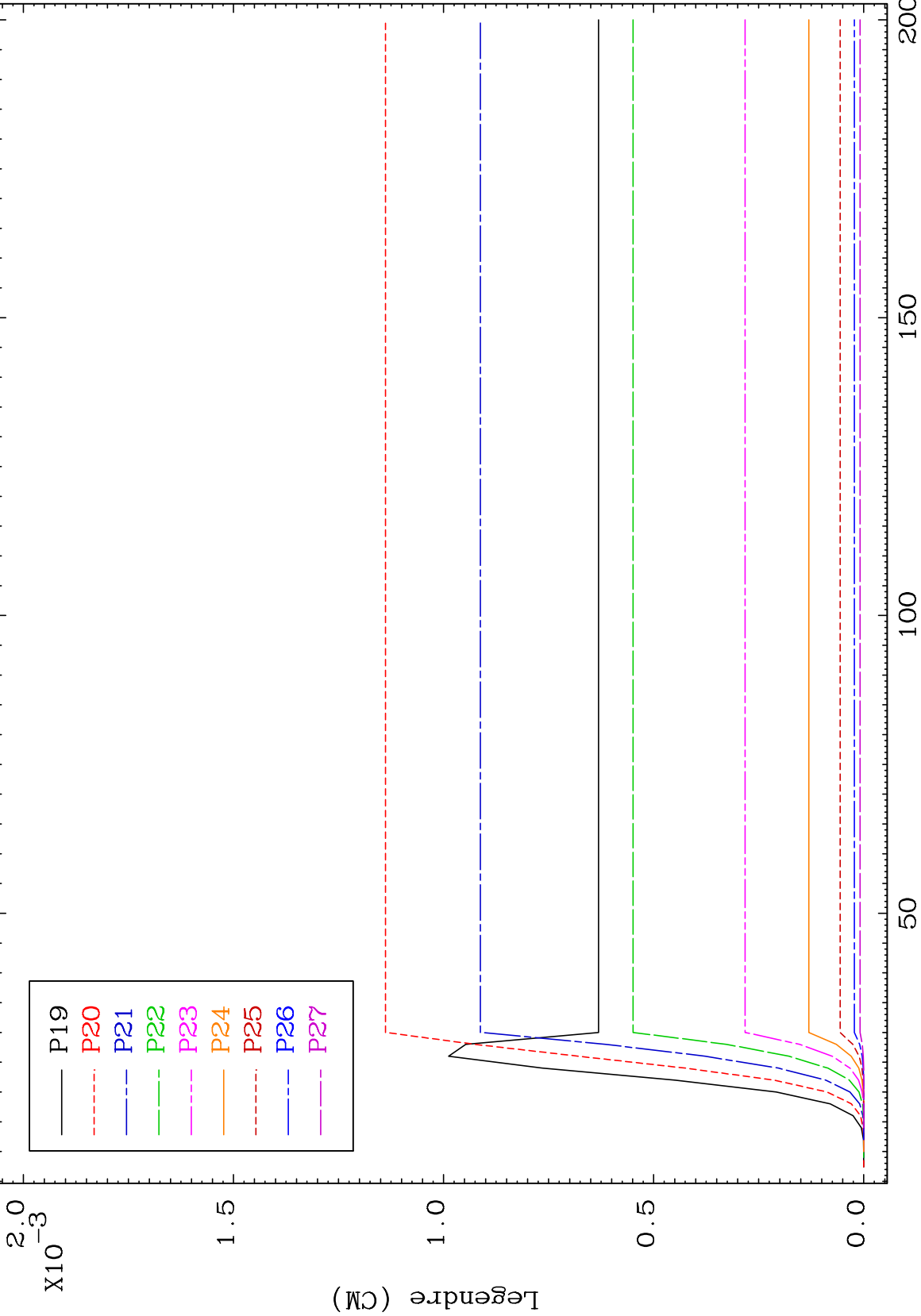
58-Ce-146

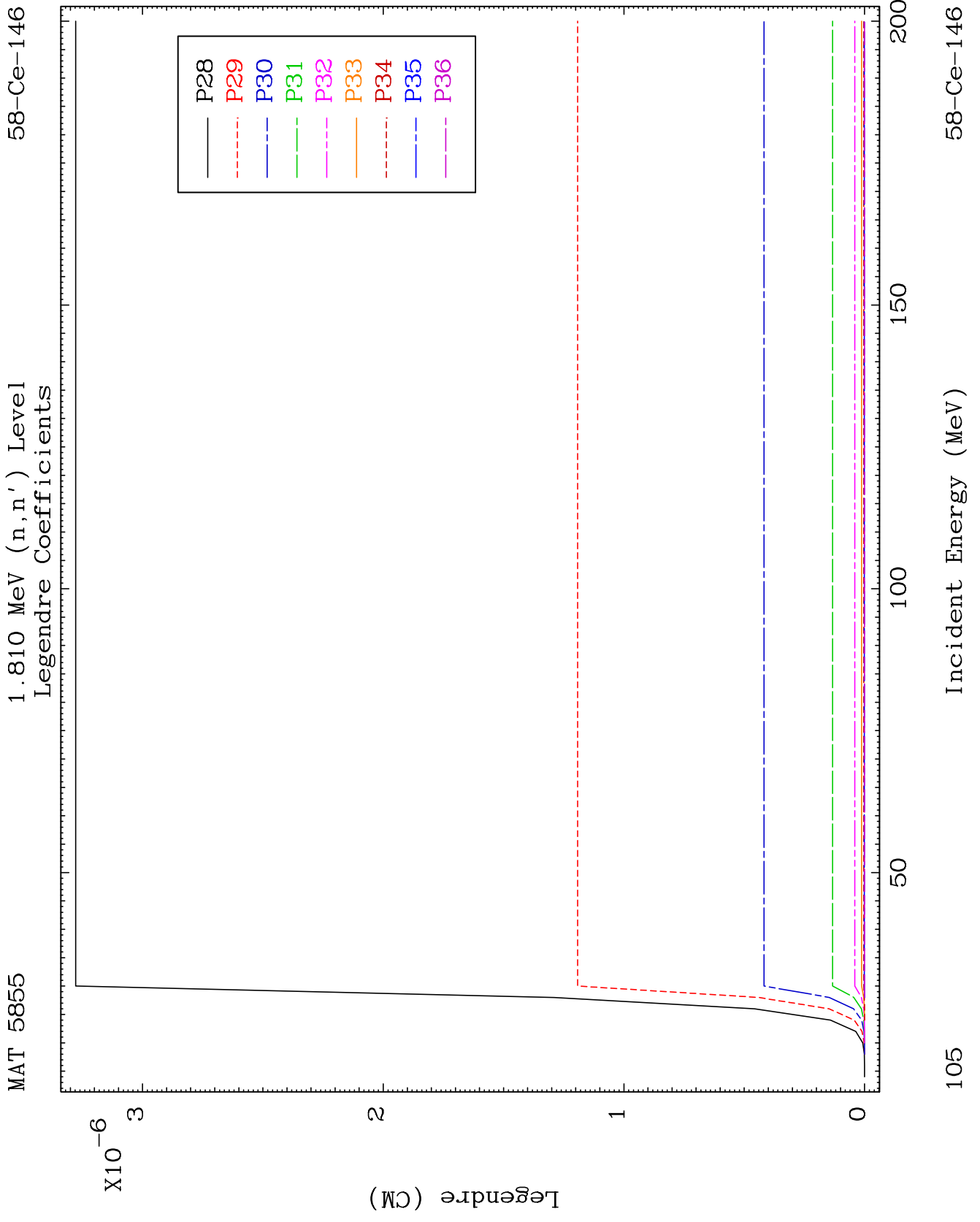


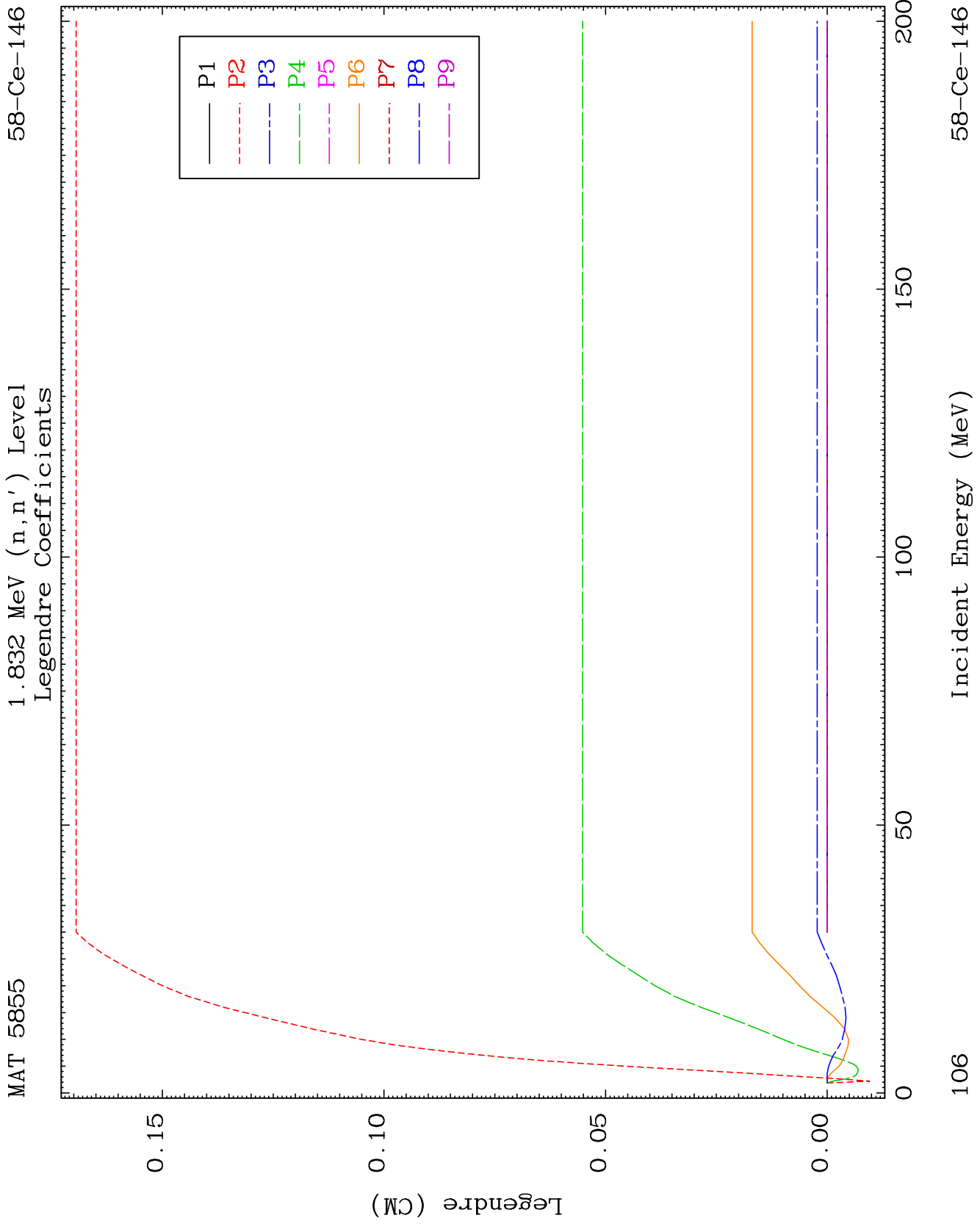








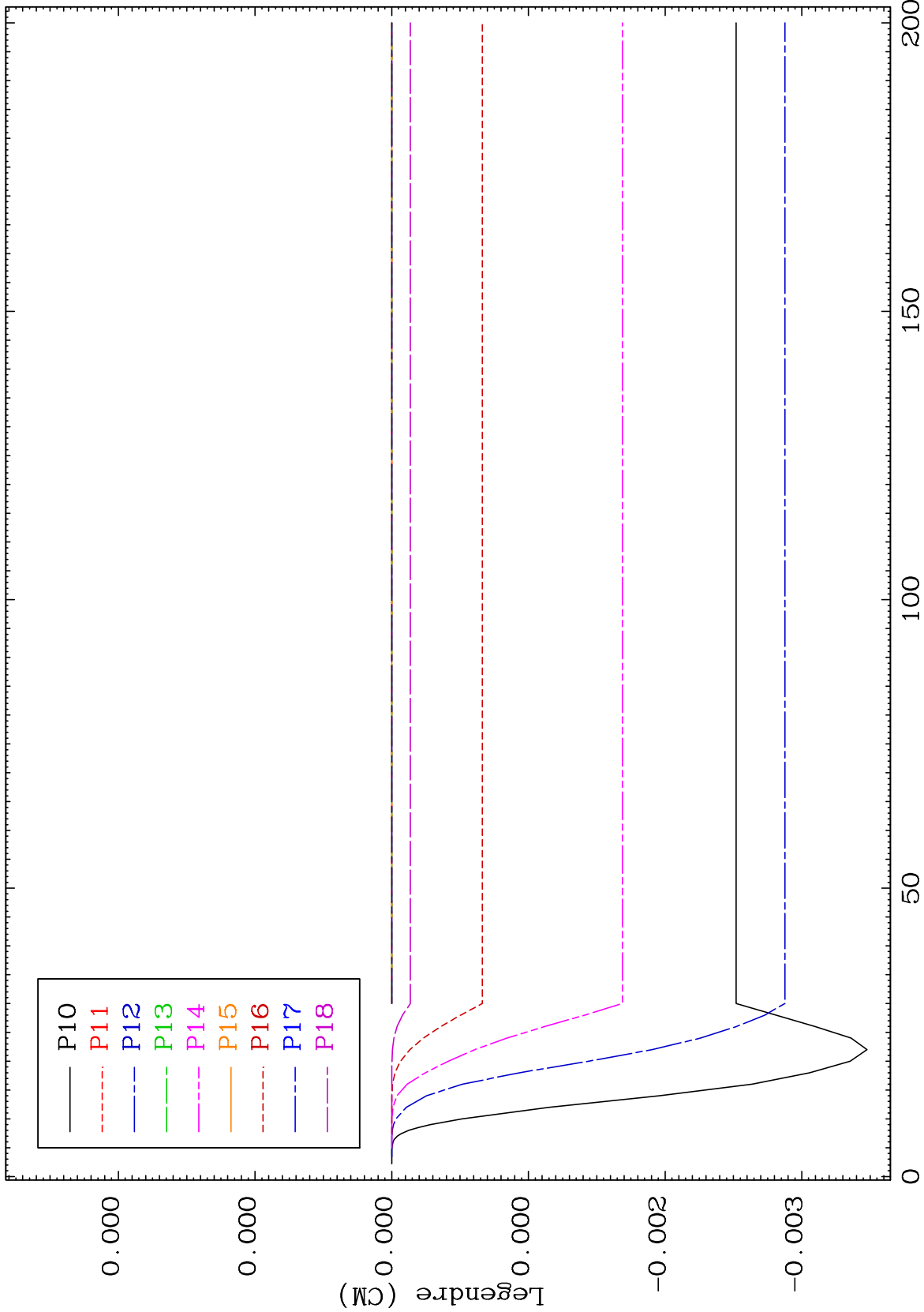




MAT 5855

1.832 MeV (n,n') Level
Legendre Coefficients

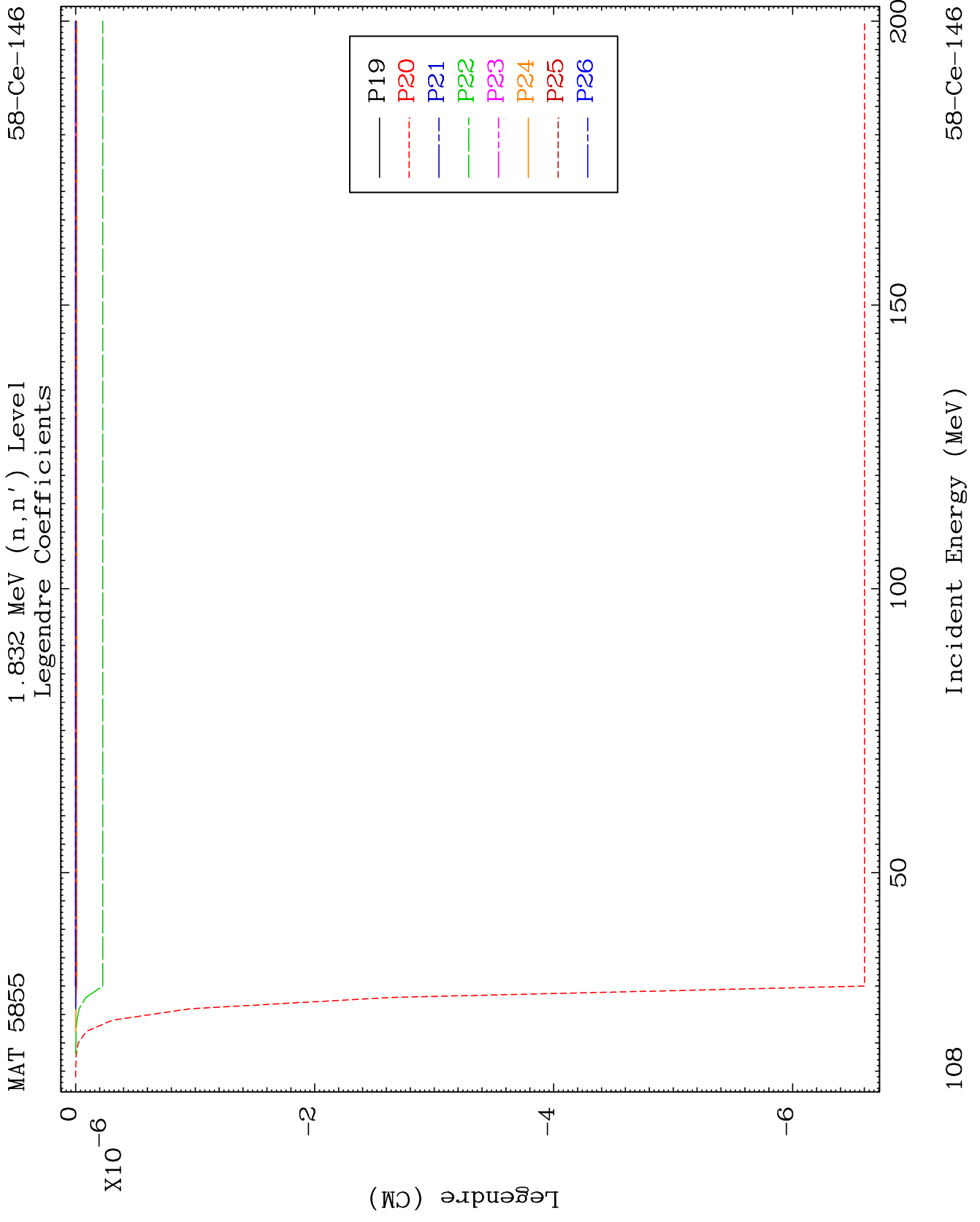
58-Ce-146

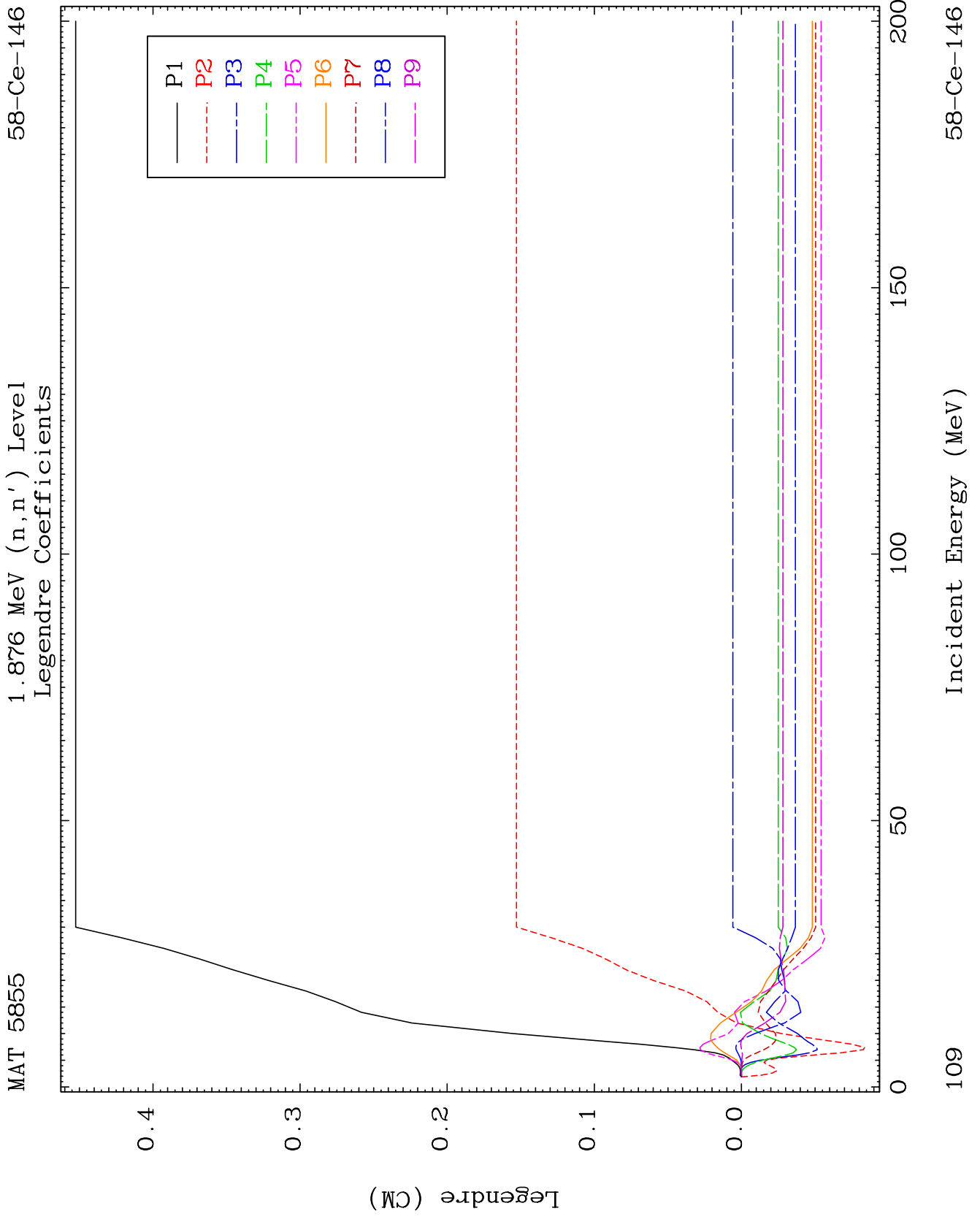


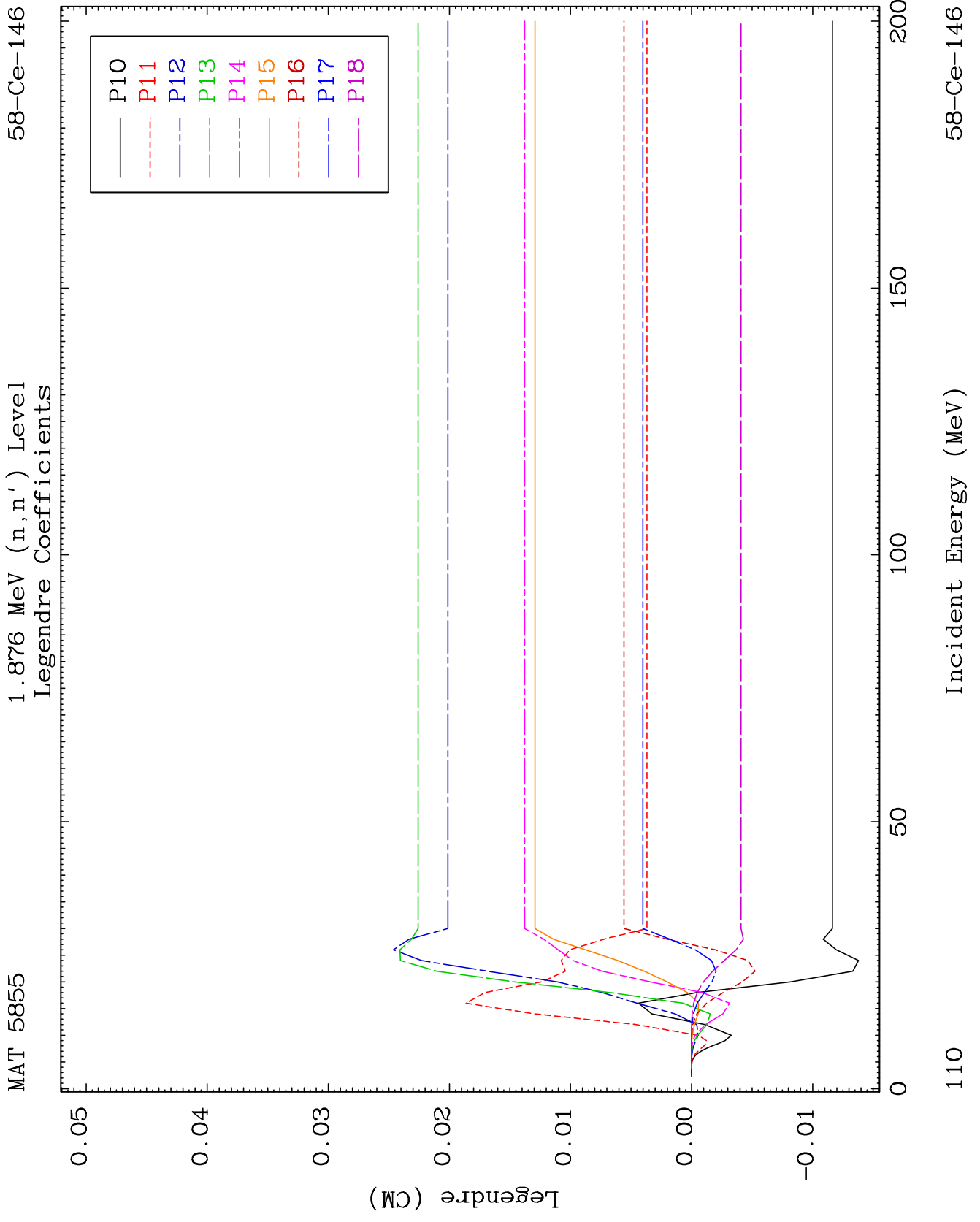
107

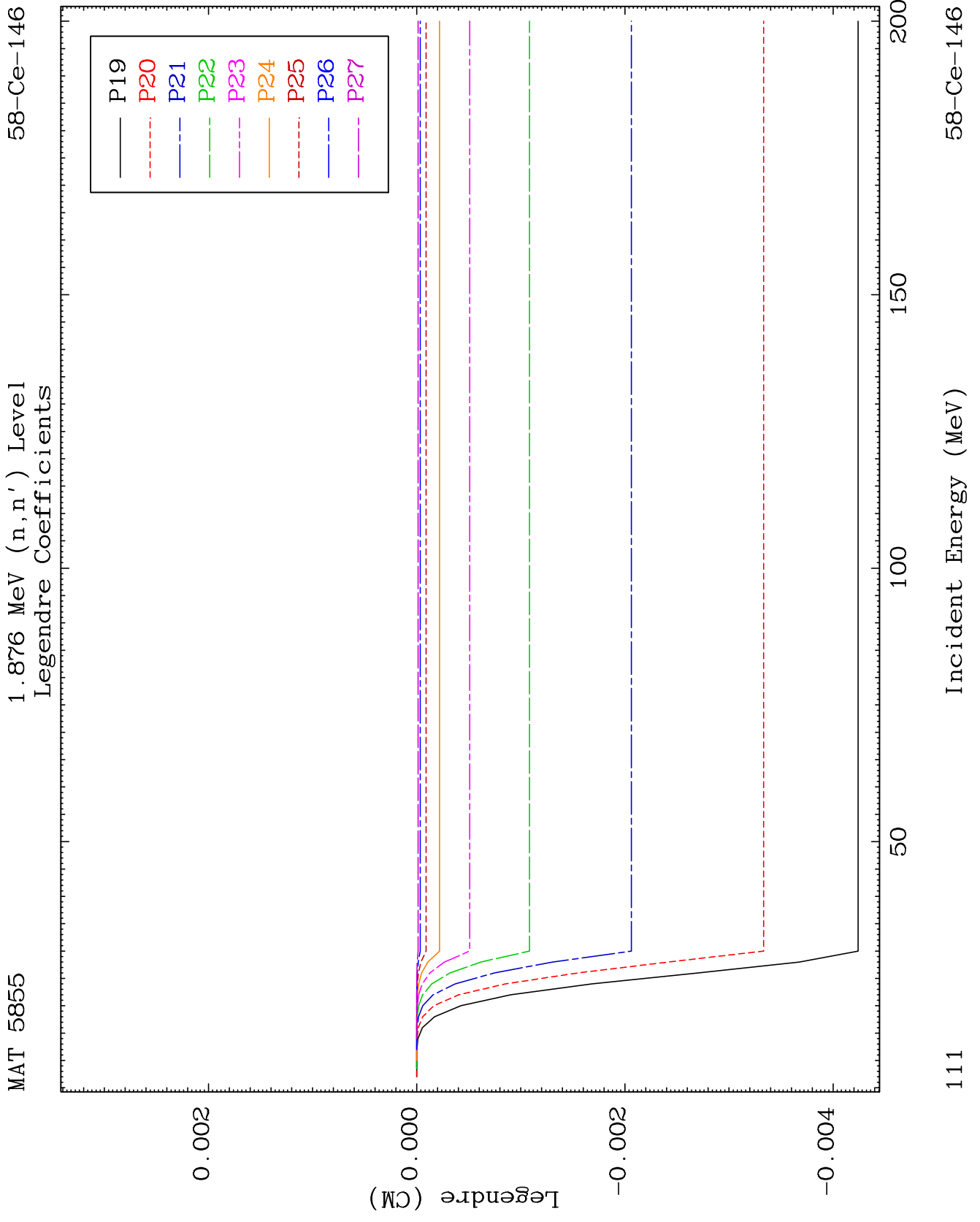
Incident Energy (MeV)

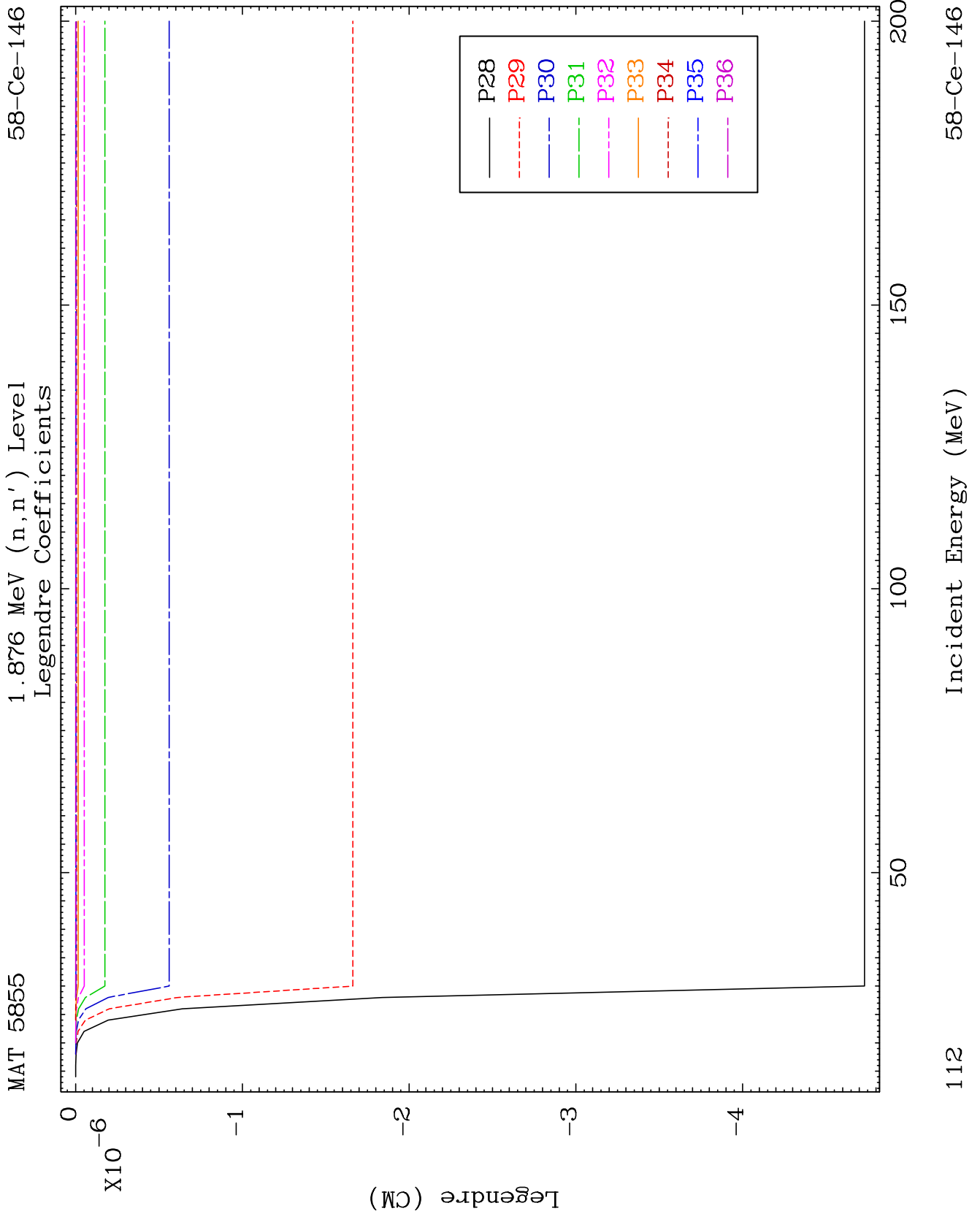
58-Ce-146

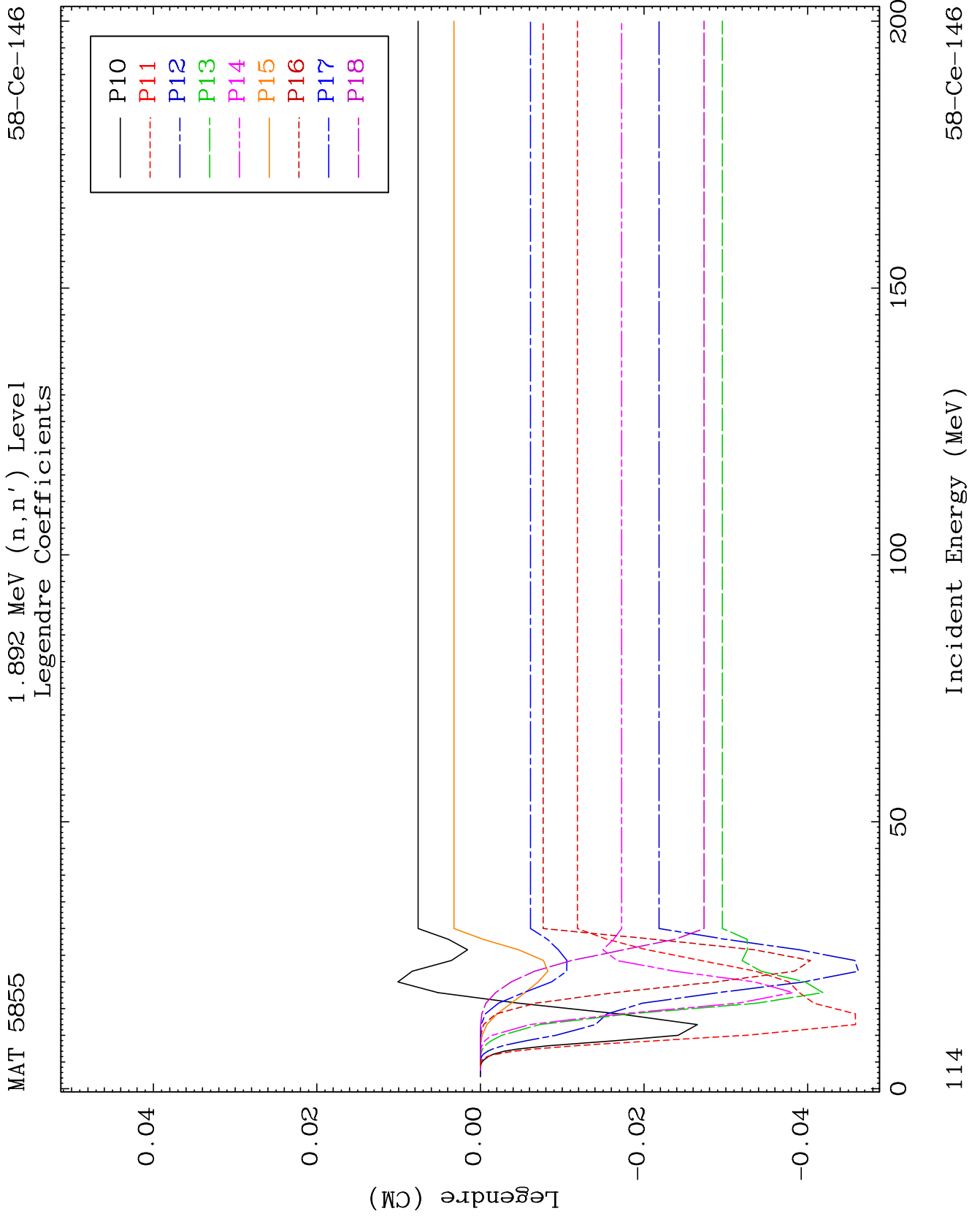


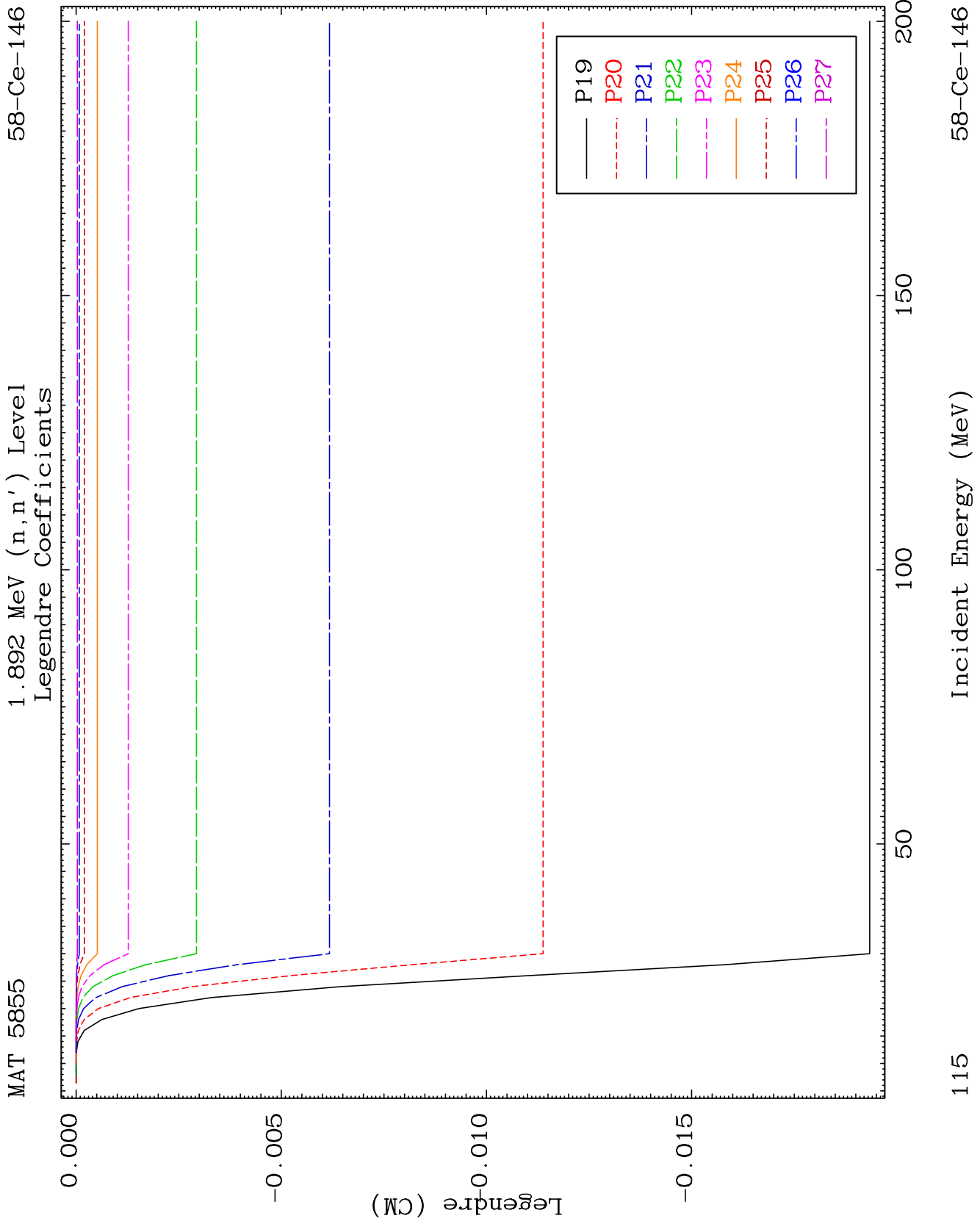


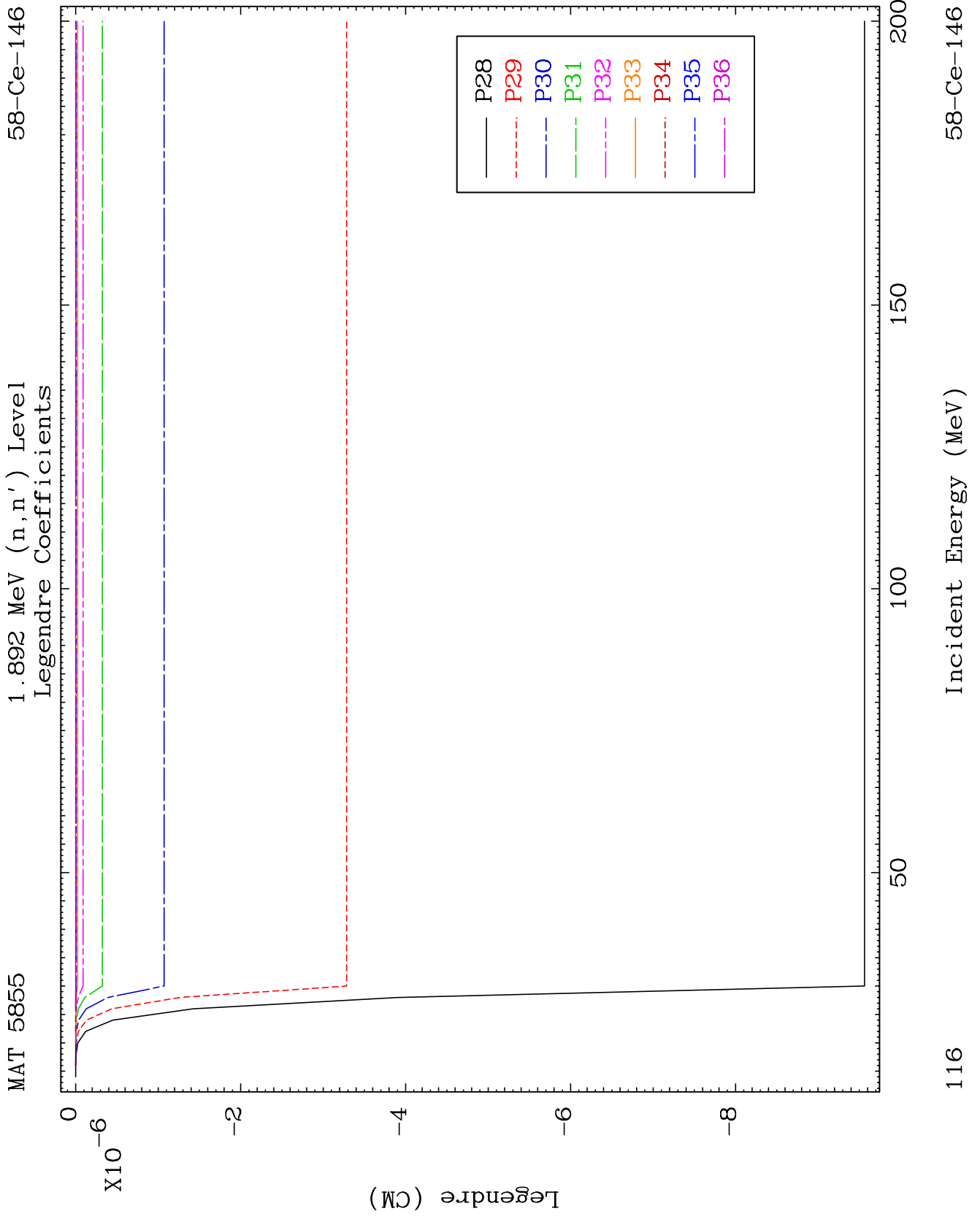


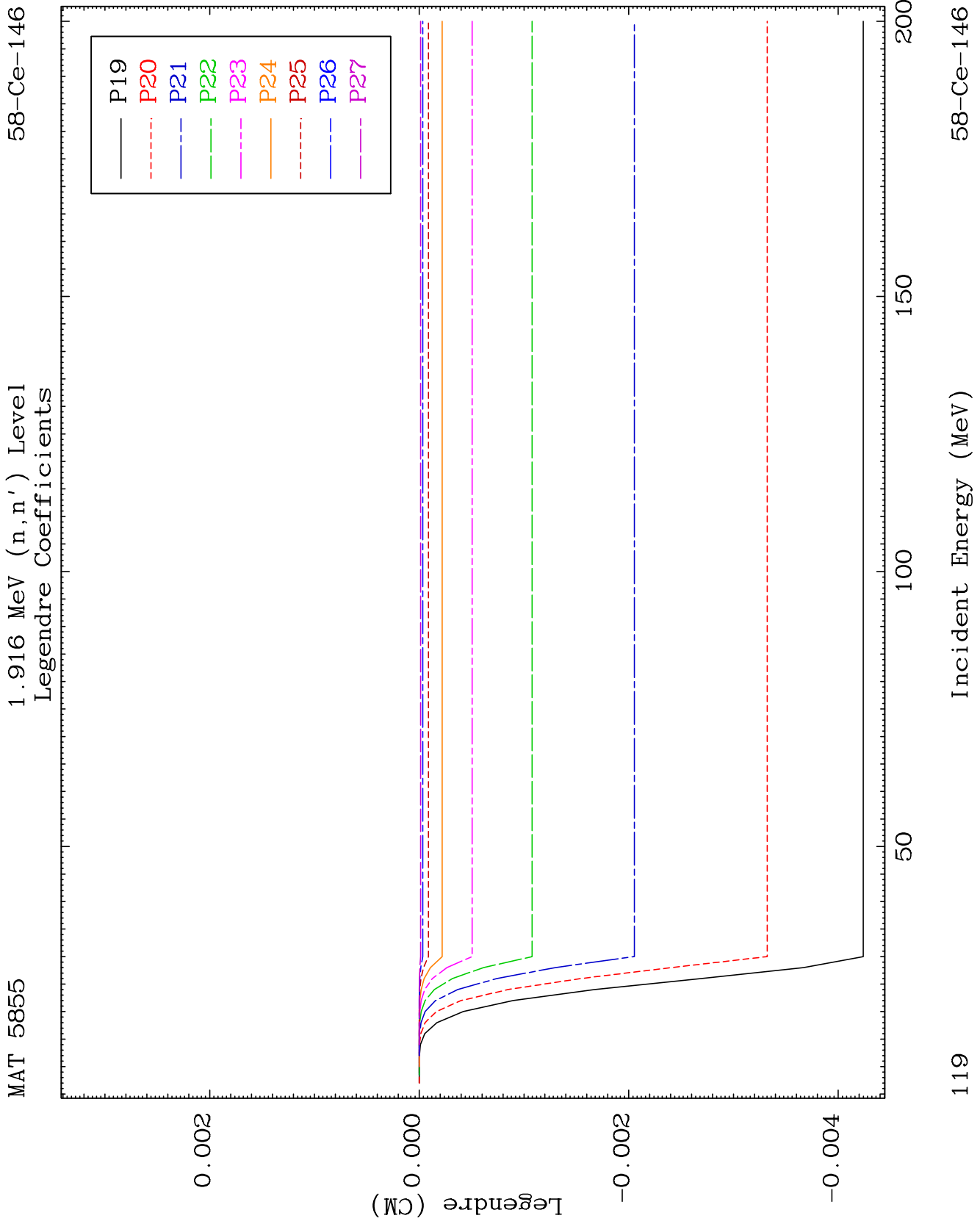


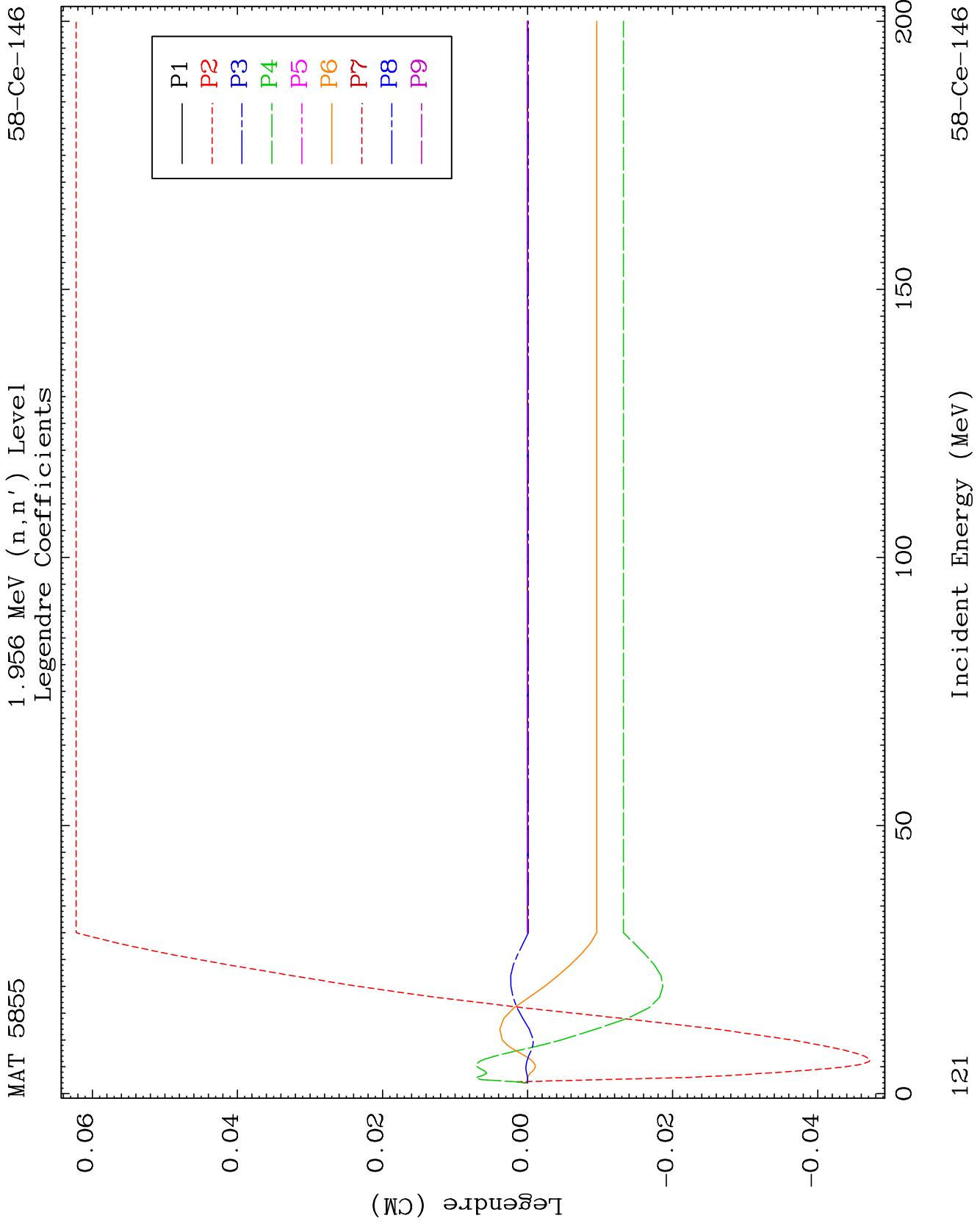


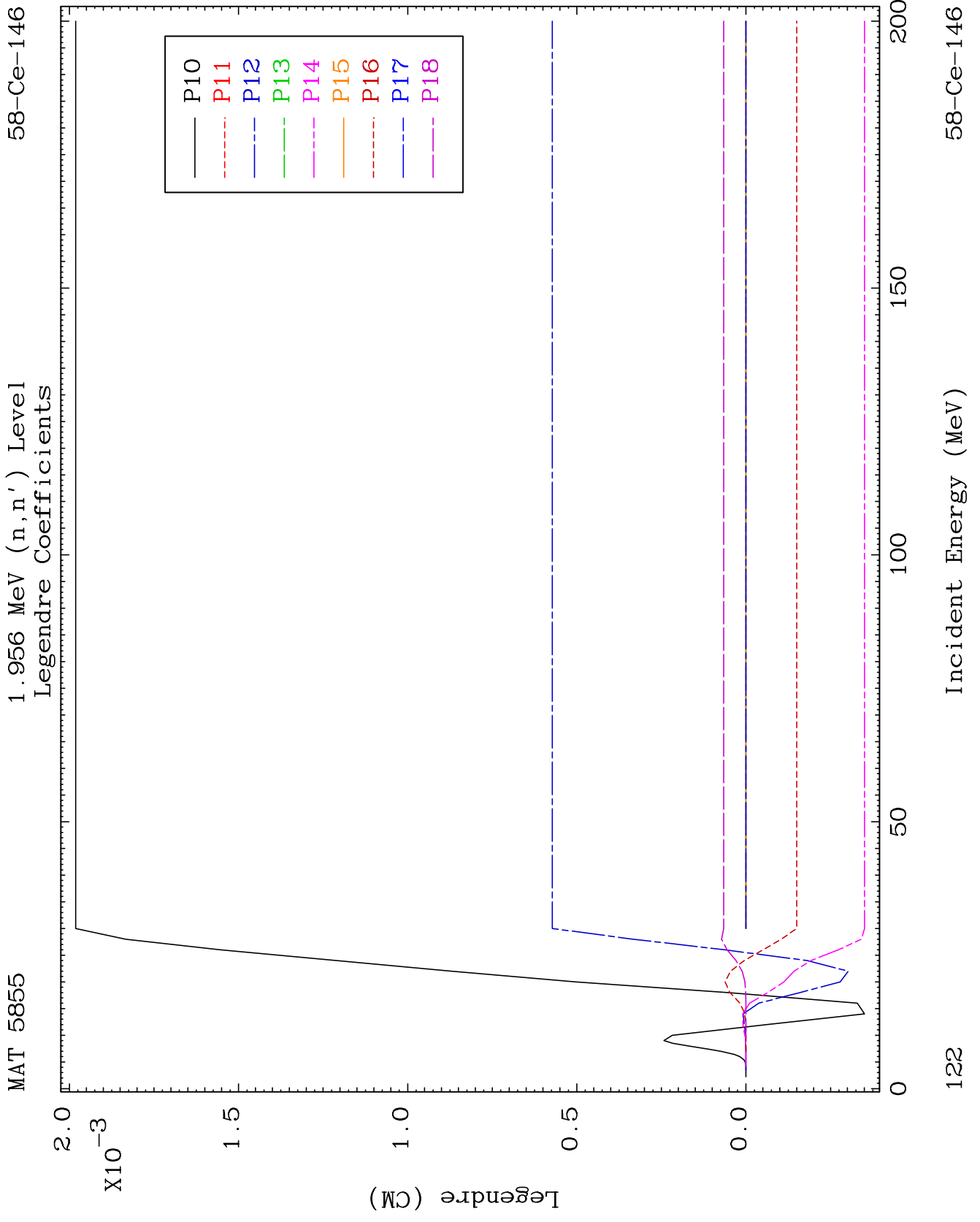


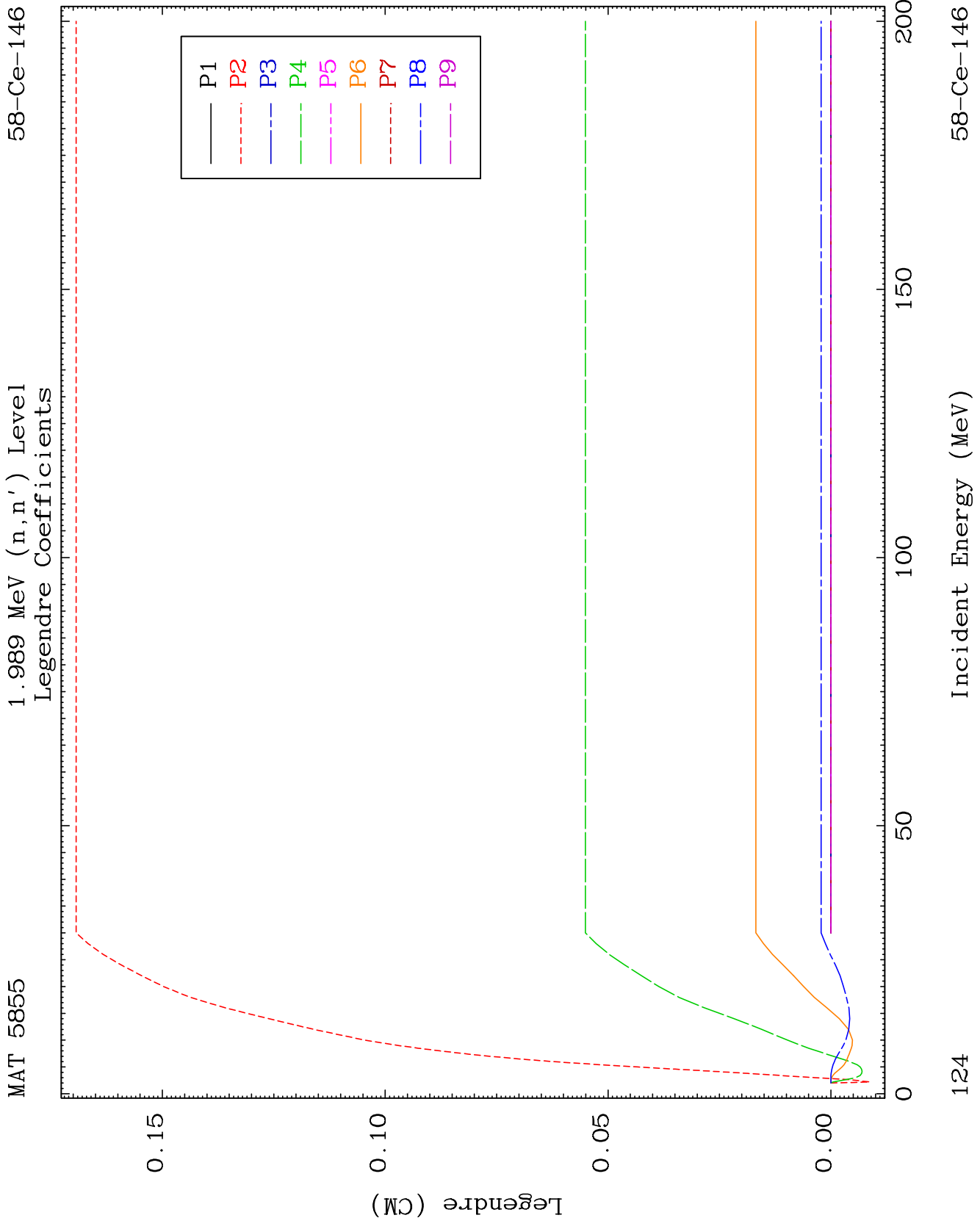








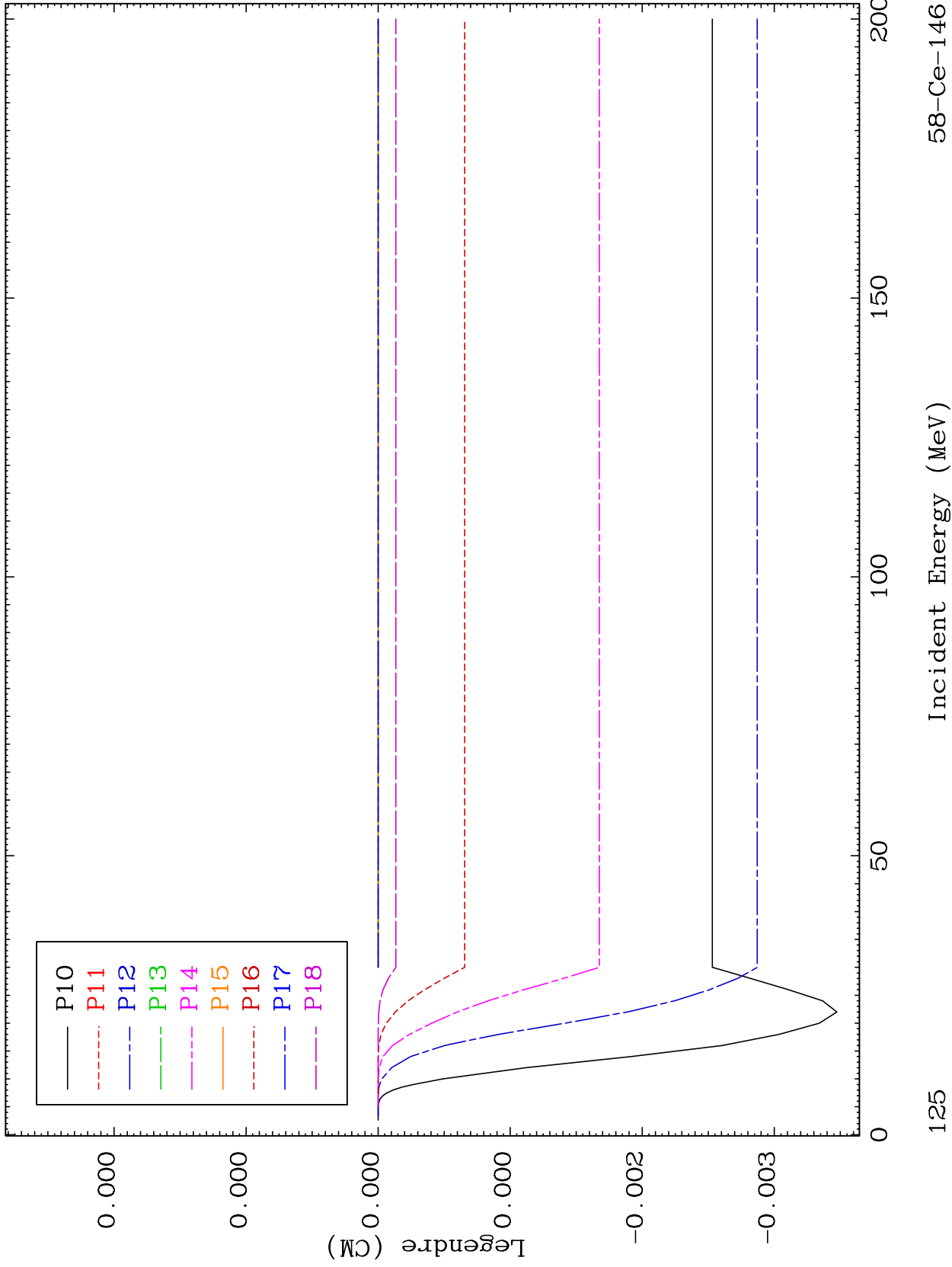




MAT 58555

1.989 MeV (n,n') Level
Legendre Coefficients

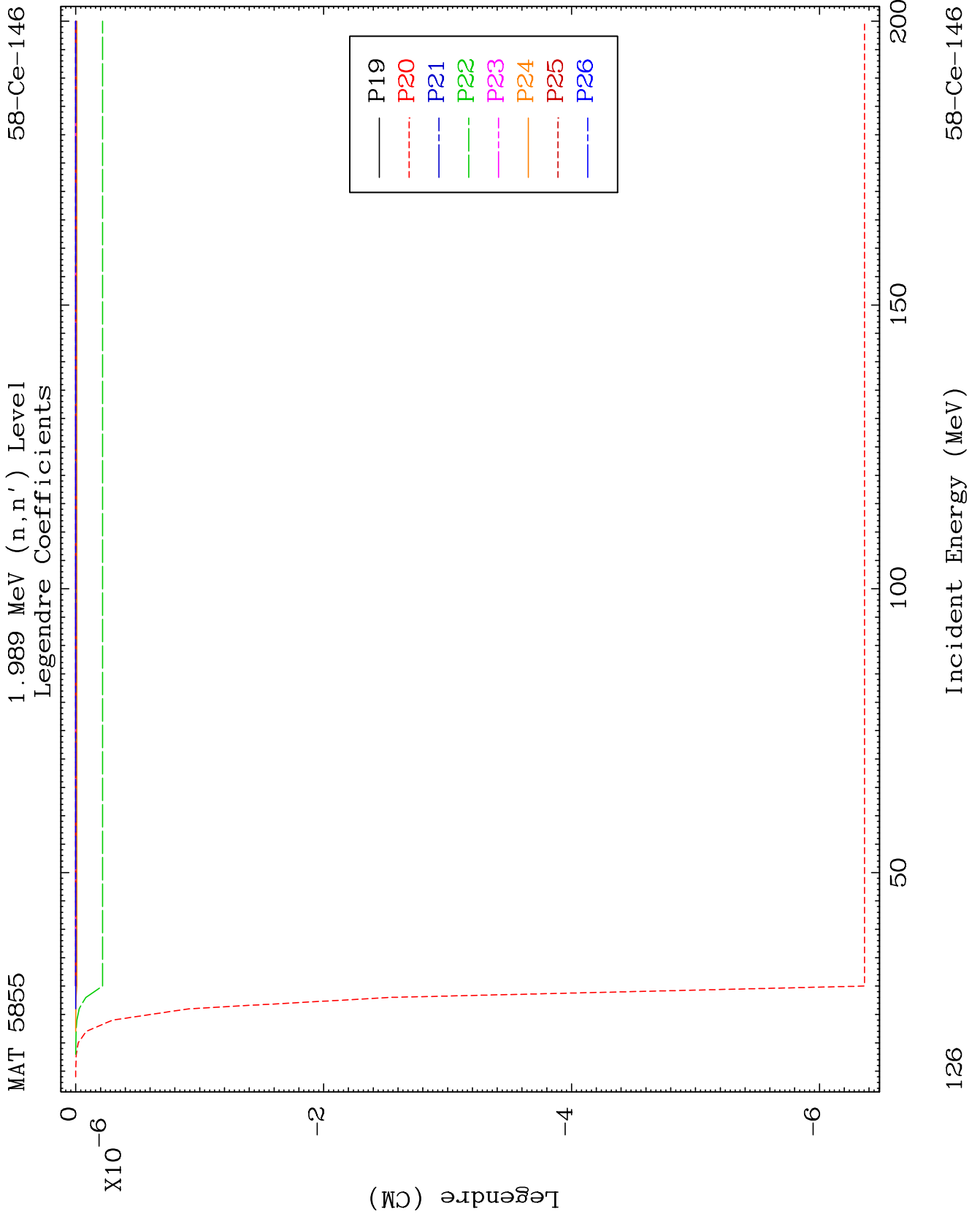
58-Ce-146



58-Ce-146

Incident Energy (MeV)

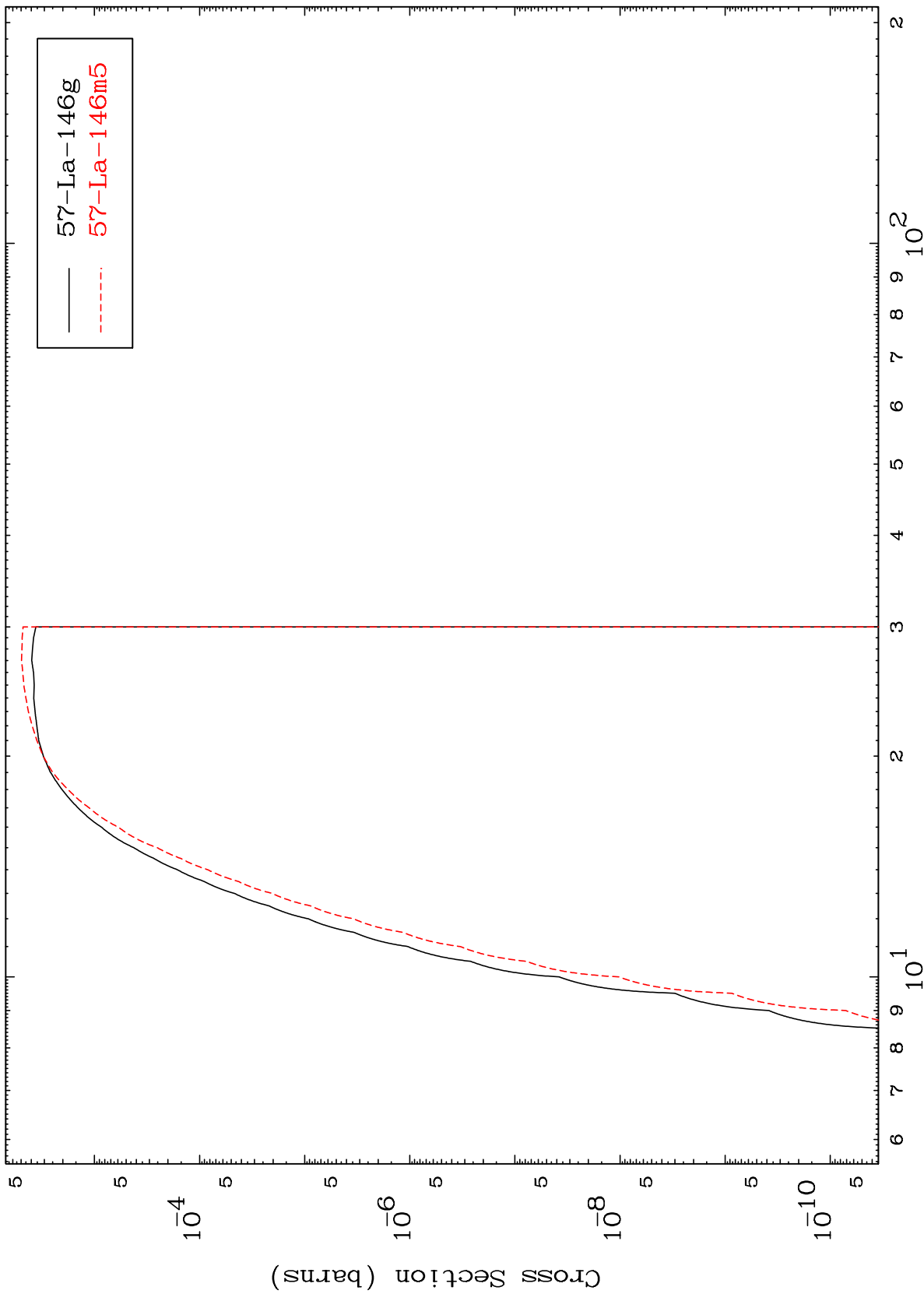
125



MAT 5855

58-Ce-146

(n,p)
Radionuclide Production Cross Section



58-Ce-146

Incident Energy (MeV)

127