

Program EVALPLOT
(Version 2021-1)

by

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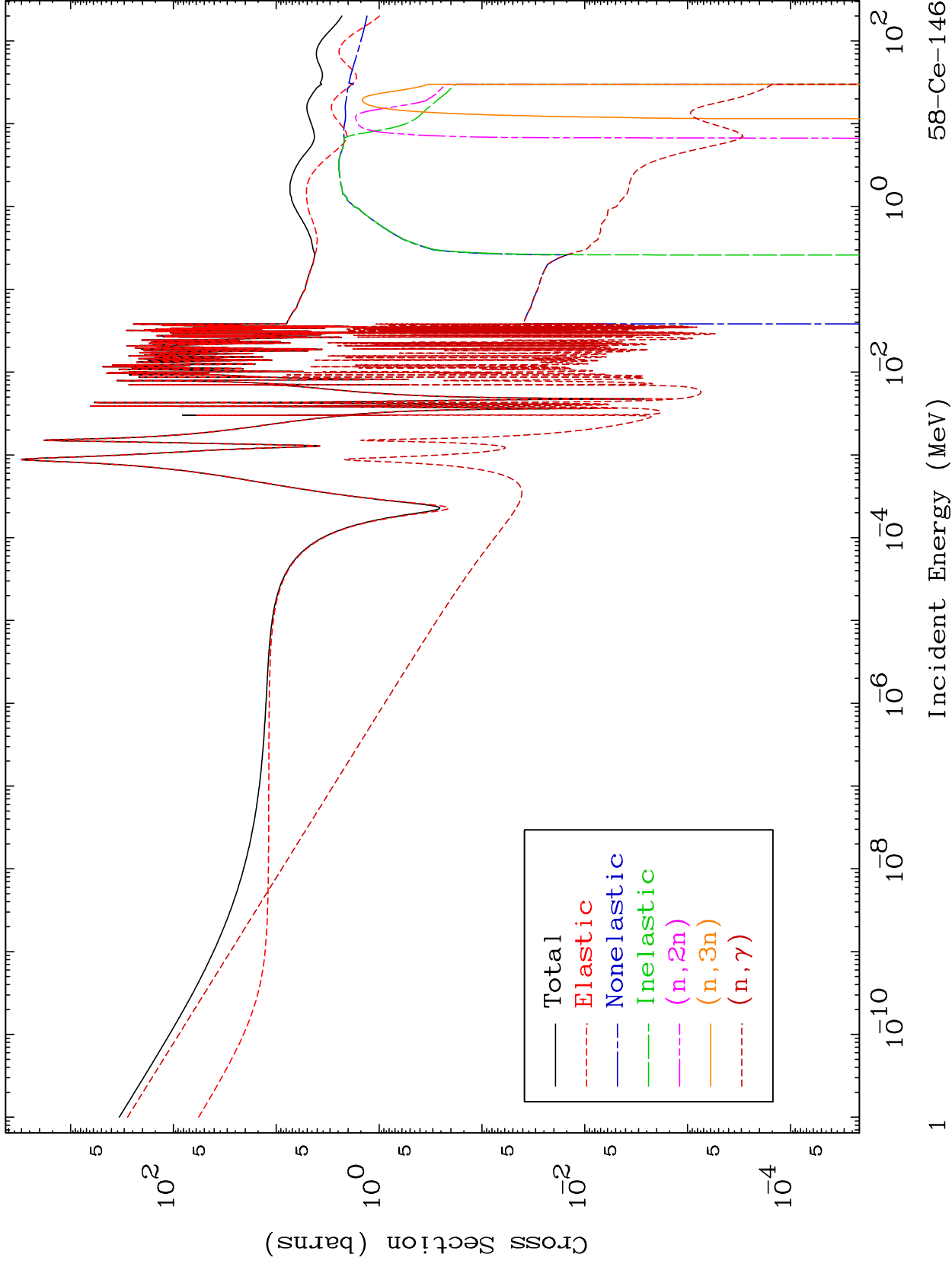
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Press Mouse Button to Start

MAT 5855

Neutron Major
293 Kelvin Cross Sections

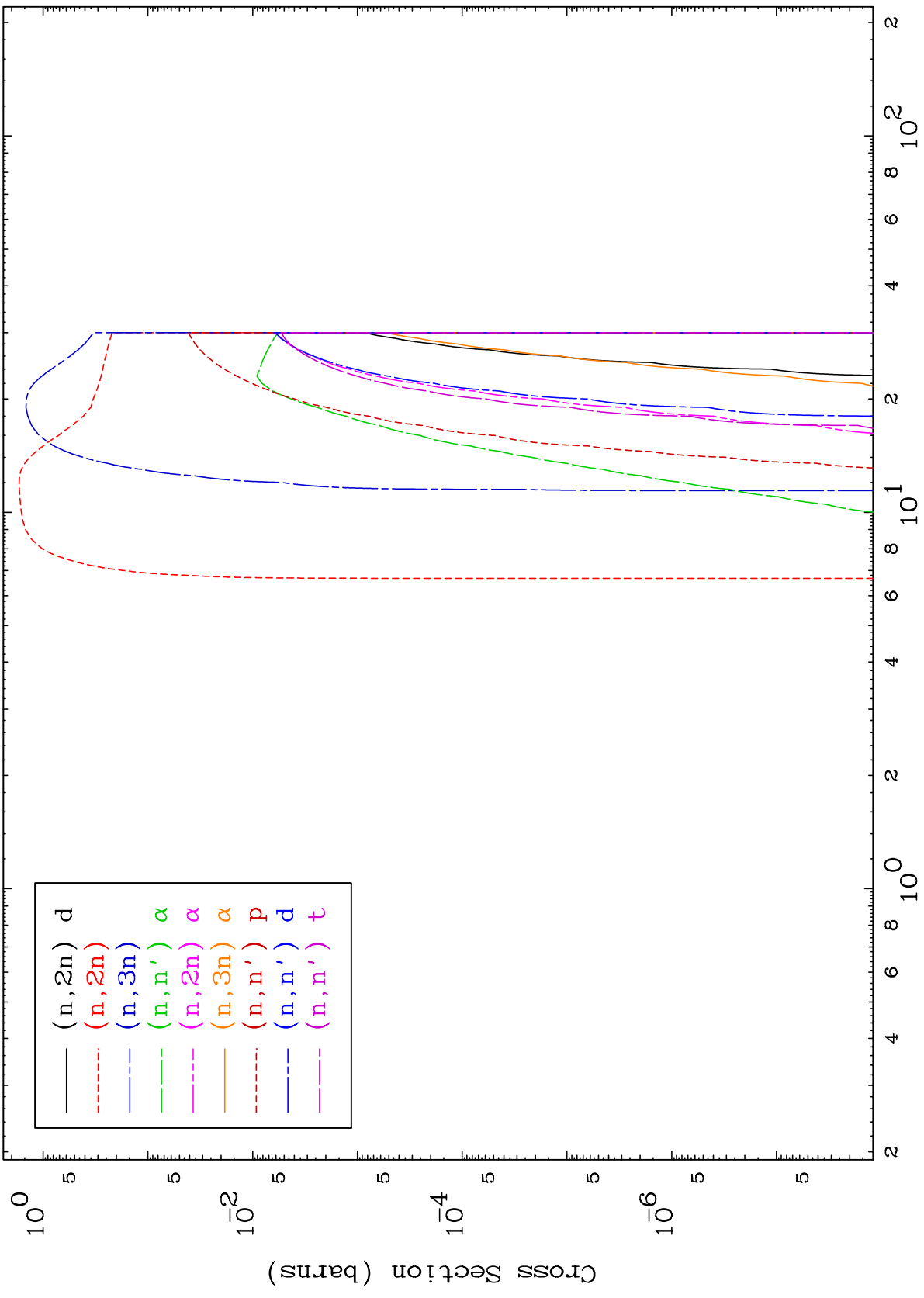
58-Ce-146



MAT 5855

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-146



58-Ce-146

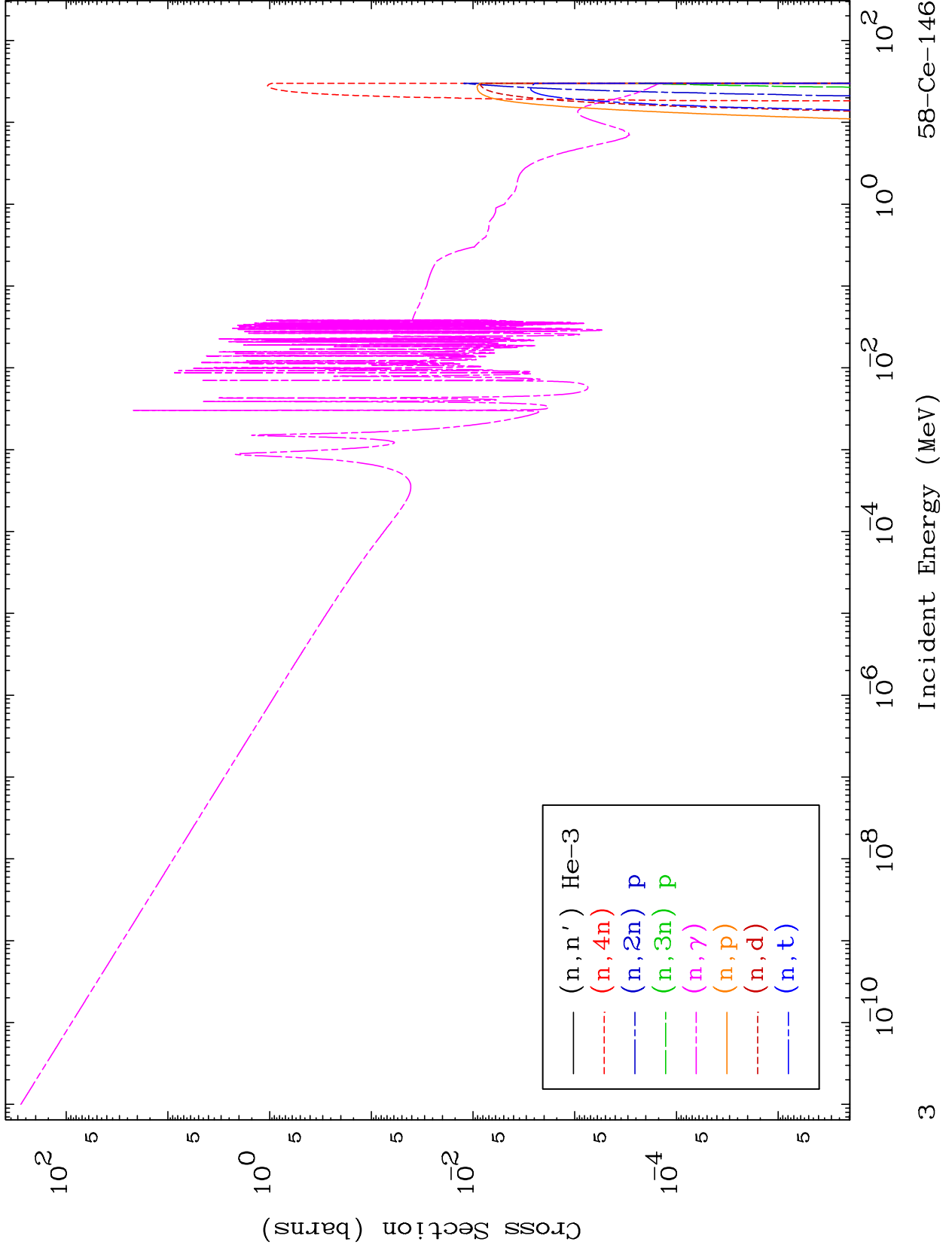
Incident Energy (MeV)

2

MAT 5855

Neutron Absorption
293 Kelvin Cross Sections

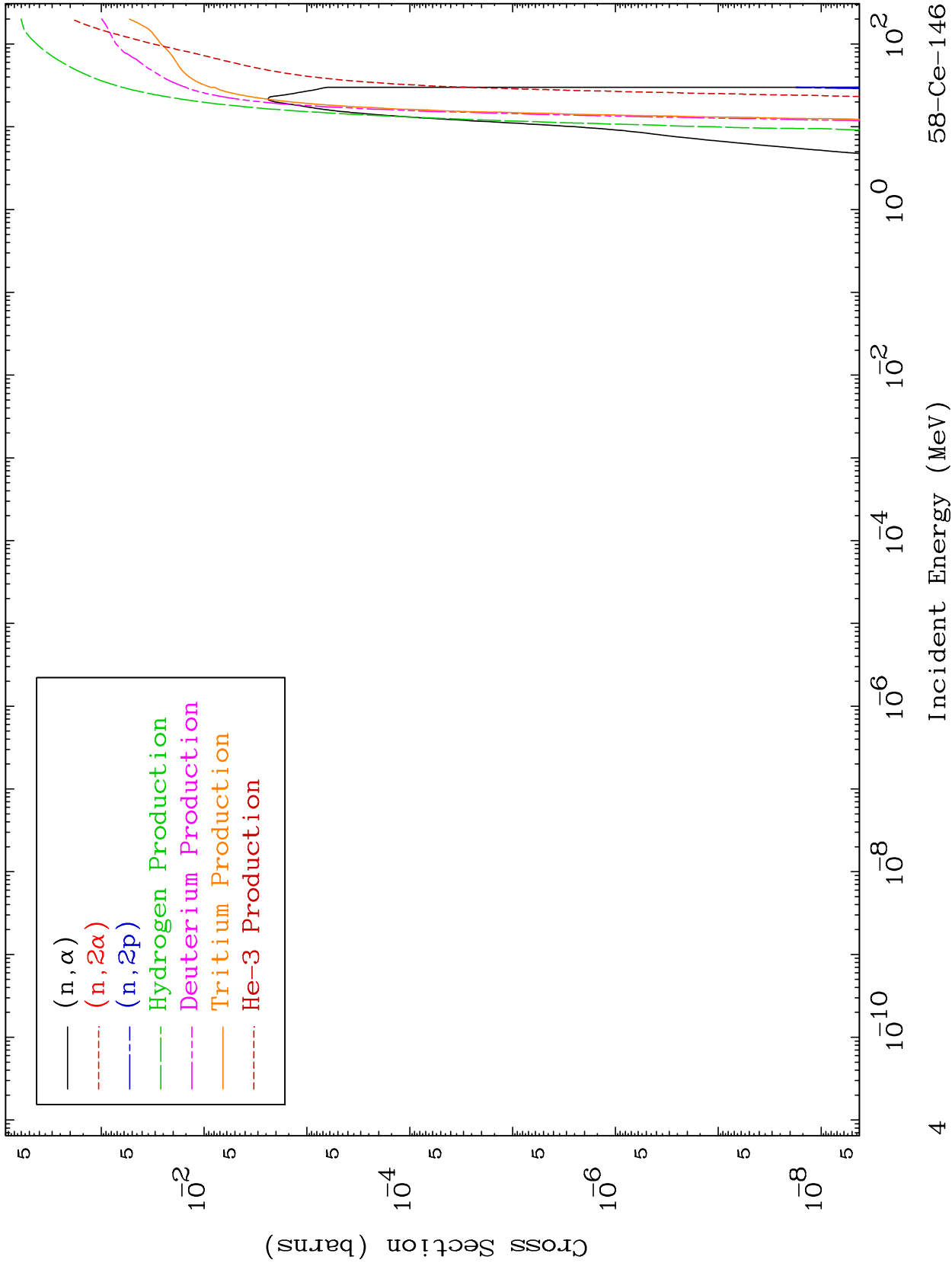
58-Ce-146



MAT 5855

Neutron Absorption
293 Kelvin Cross Sections

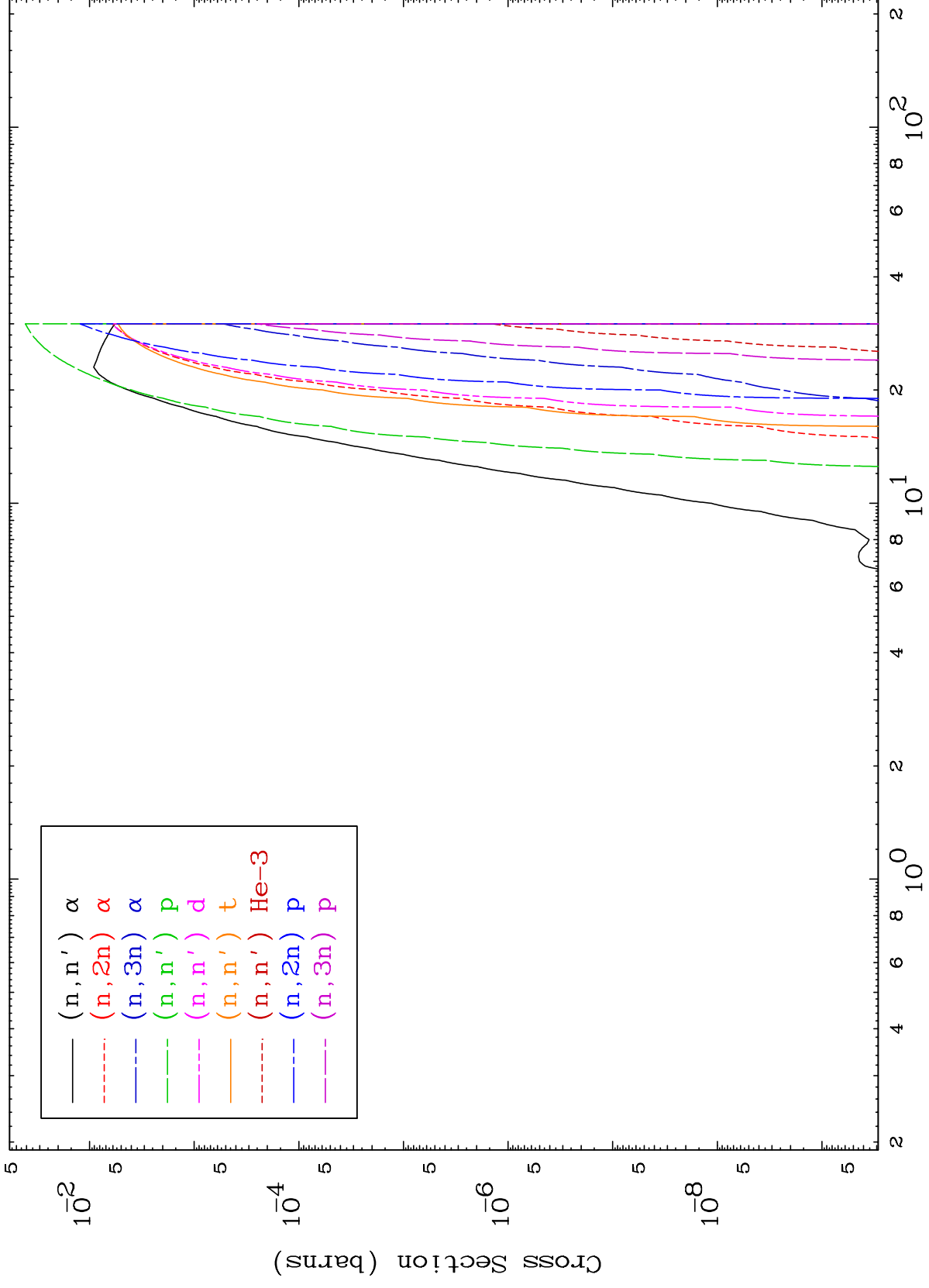
58-Ce-146



MAT 5855

Charged Particle
293 Kelvin Cross Sections

58-Ce-146



58-Ce-146

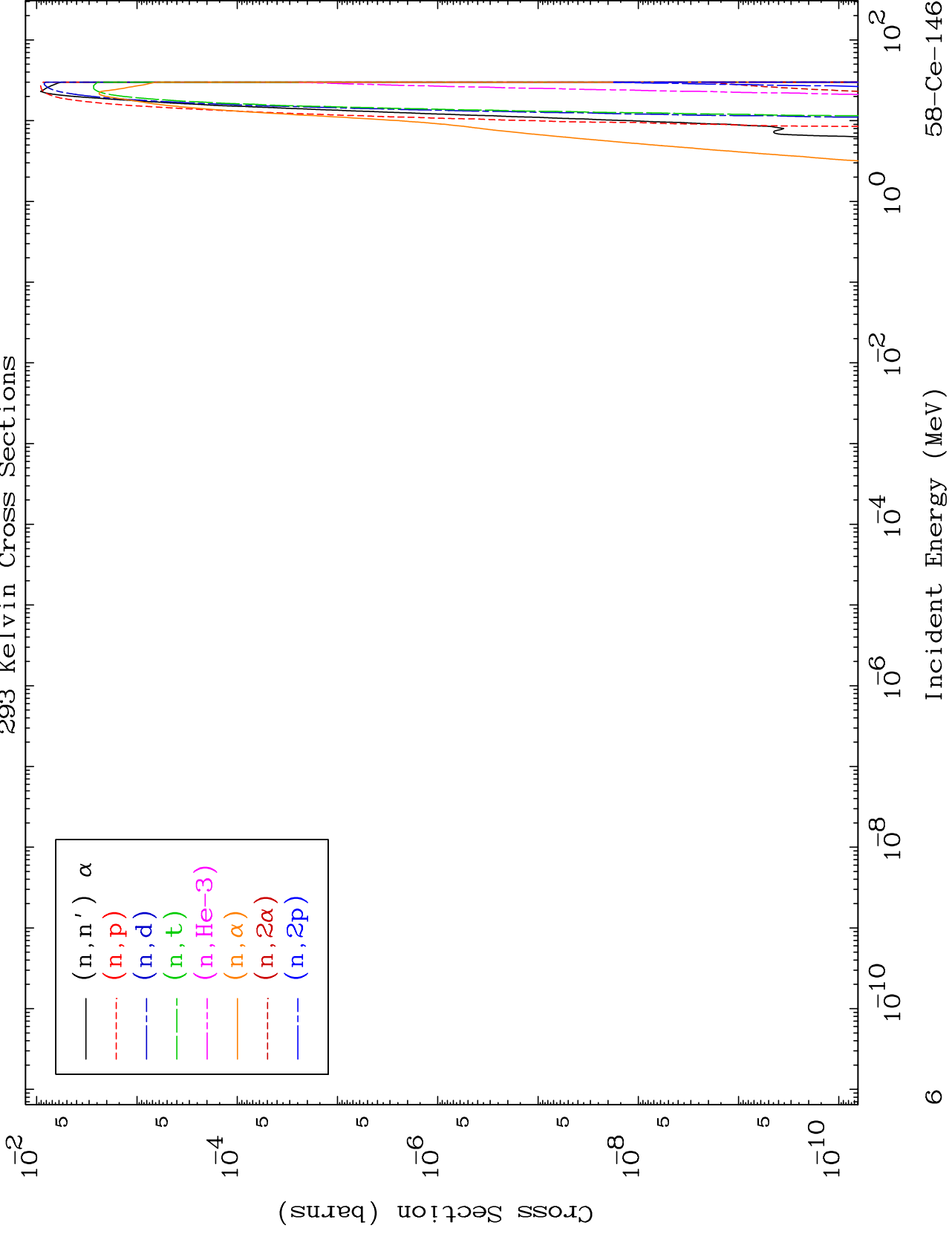
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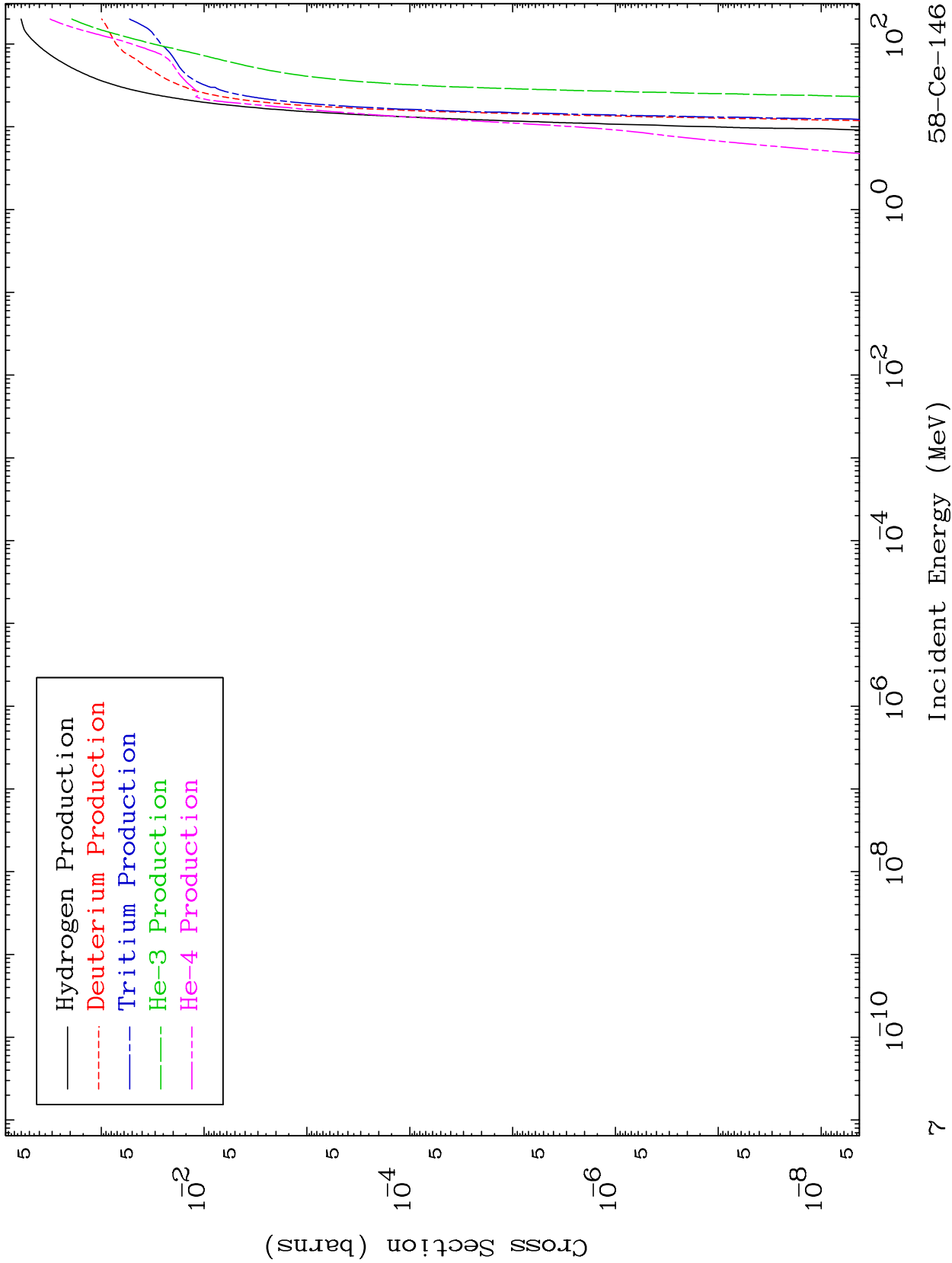
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MAT 5855

Charged Particle
293 Kelvin Cross Sections

58-Ce-146

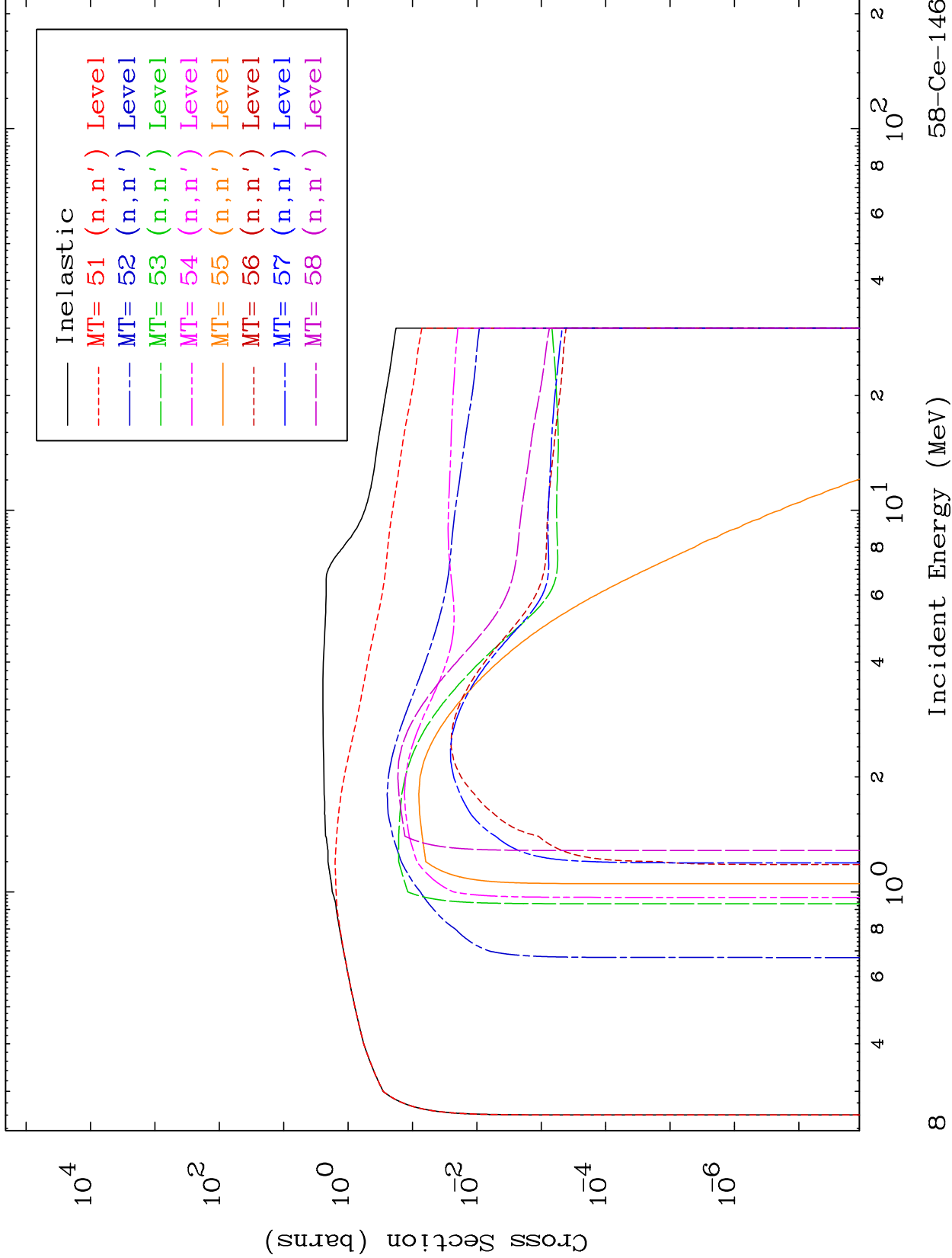




MAT 5855

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-146



8

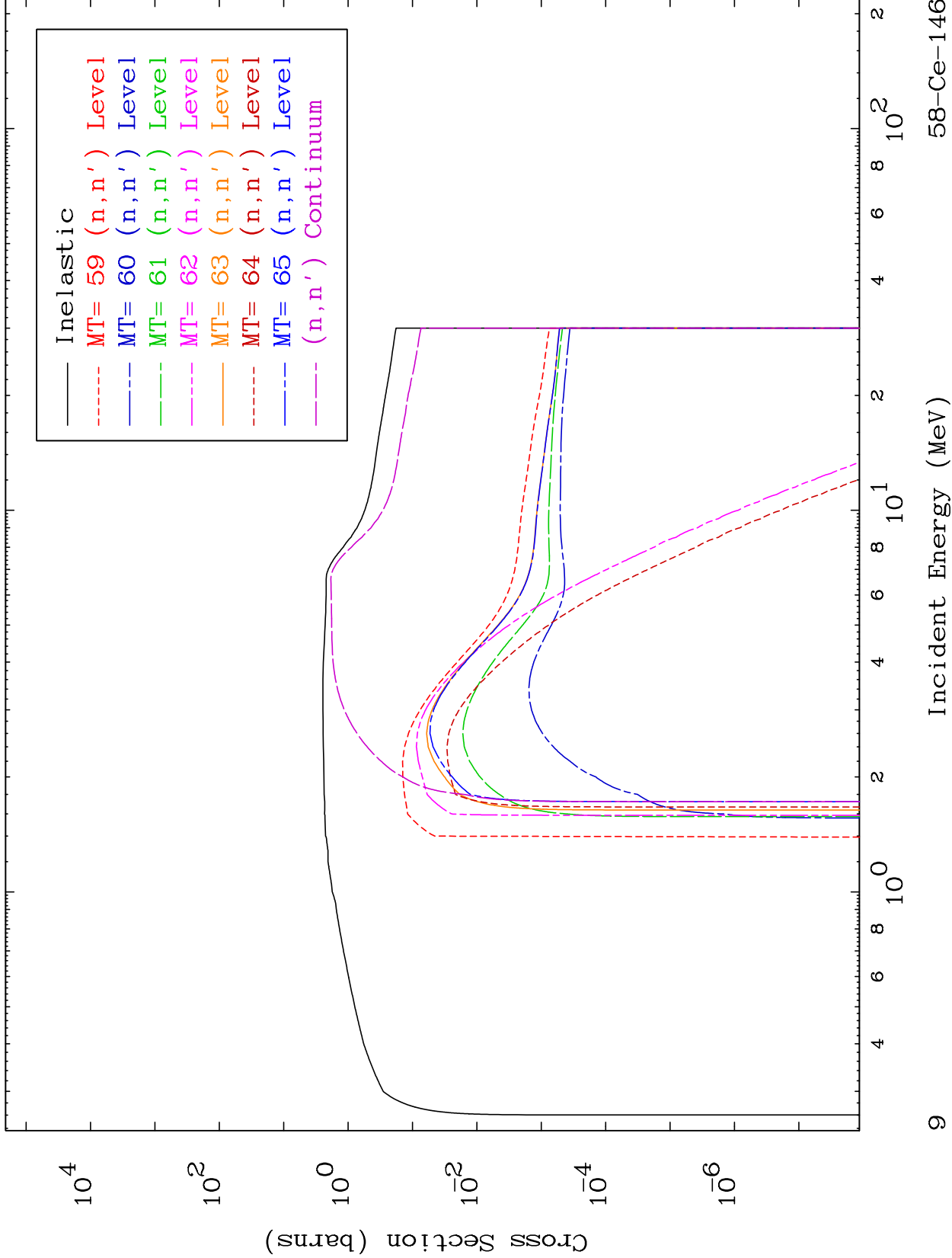
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,n') Levels
293 Kelvin Cross Sections

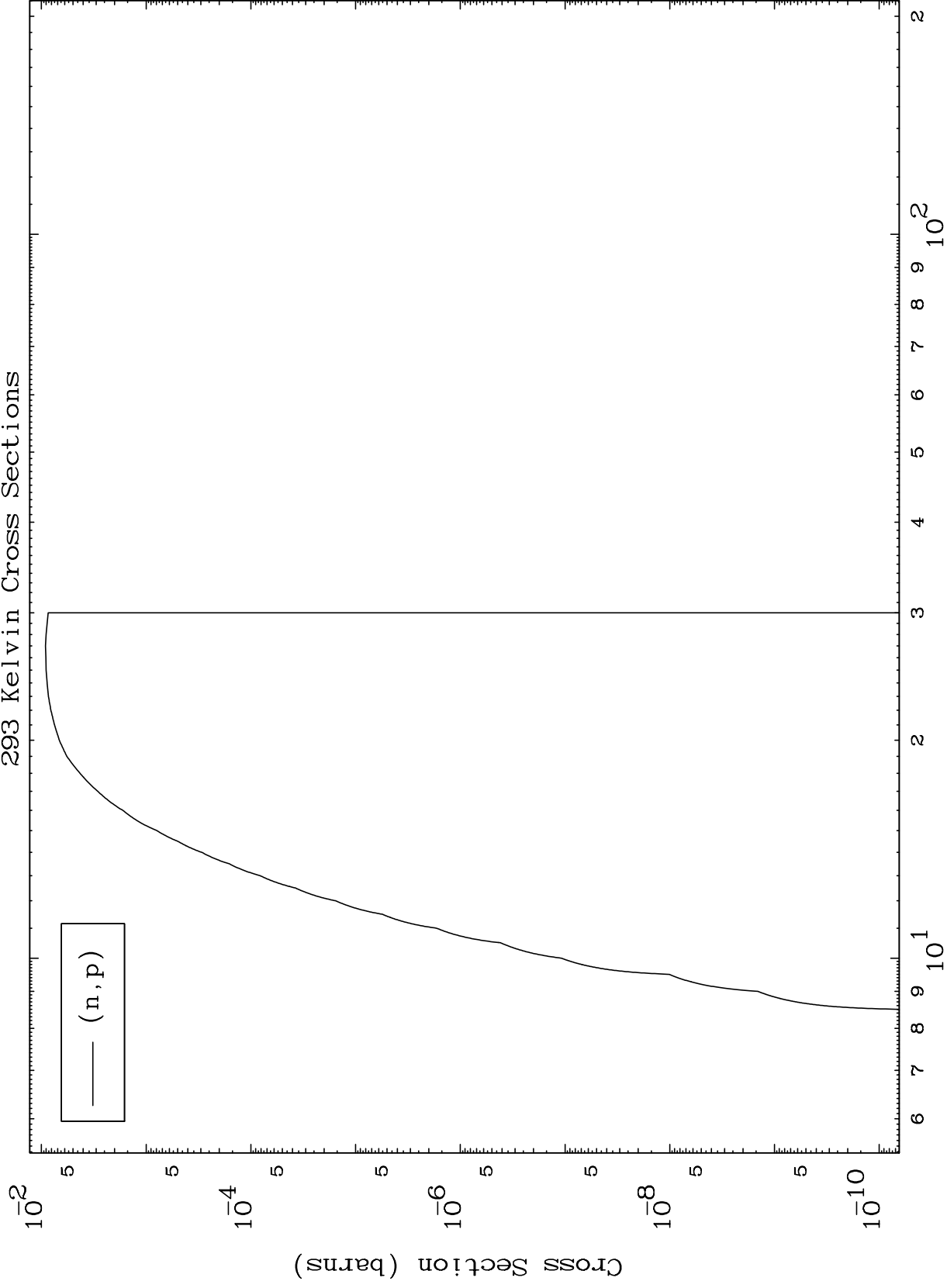
58-Ce-146



MAT 5855

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-146



10

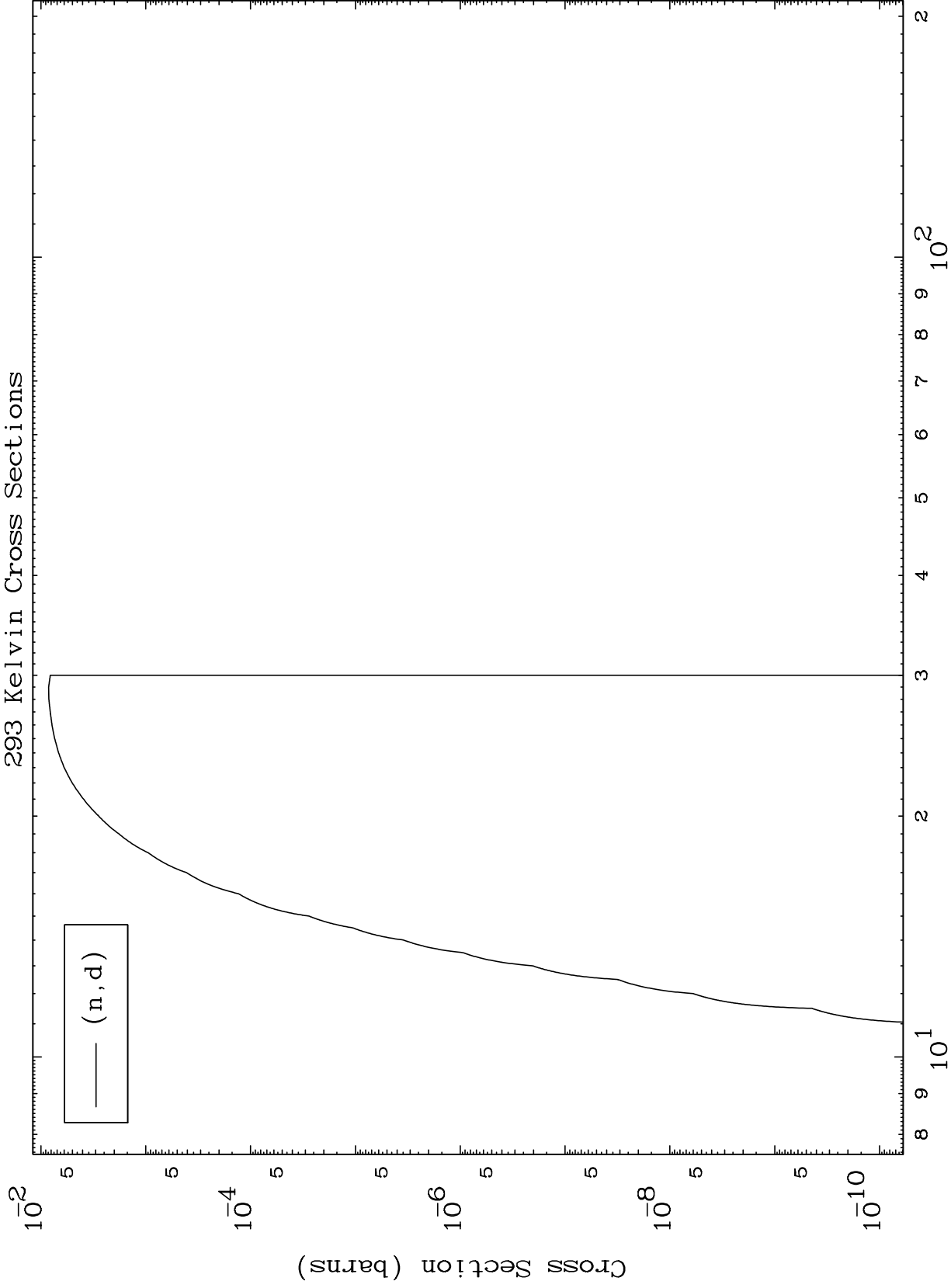
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-146



11

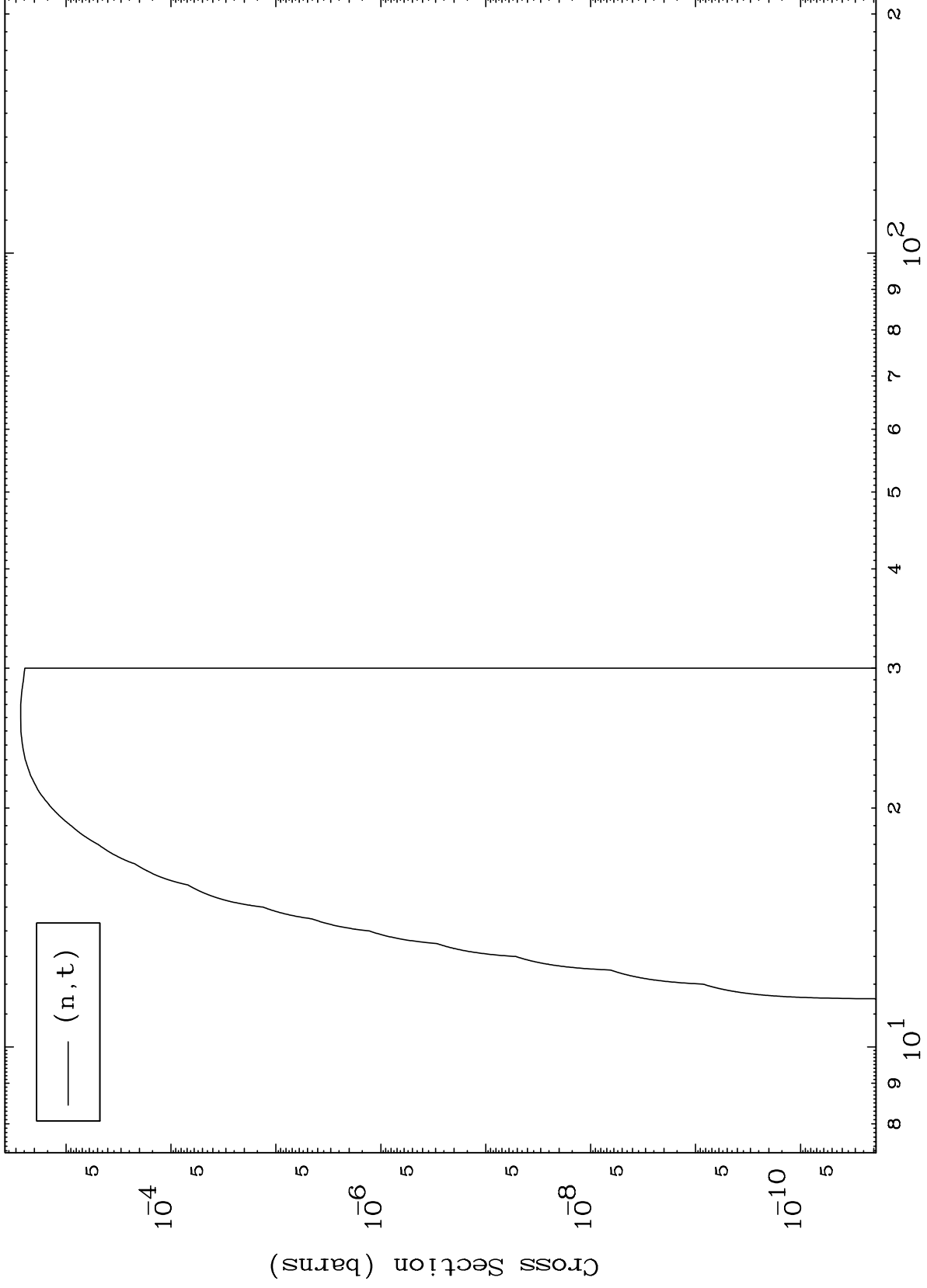
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-146



12

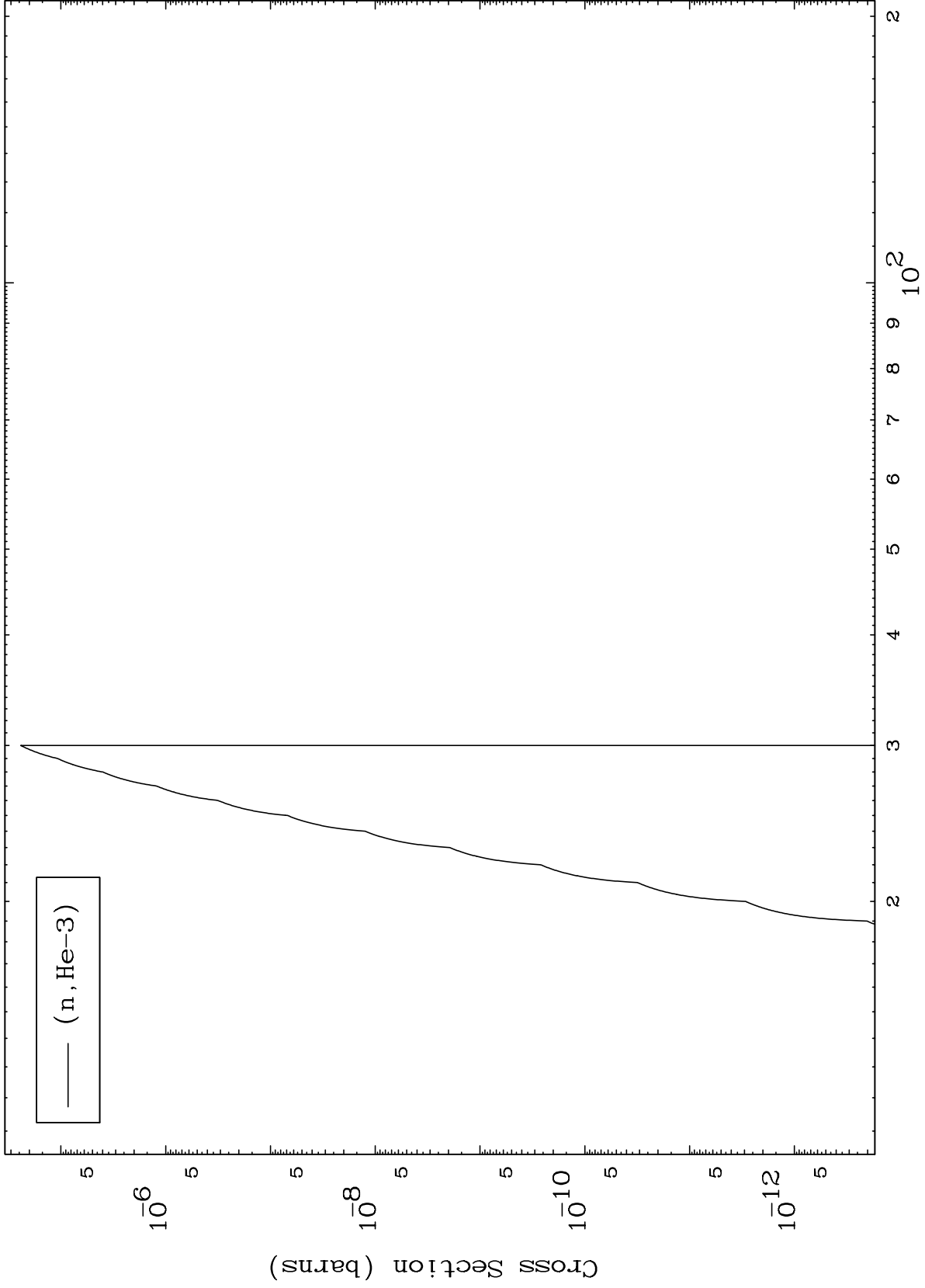
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-146



13

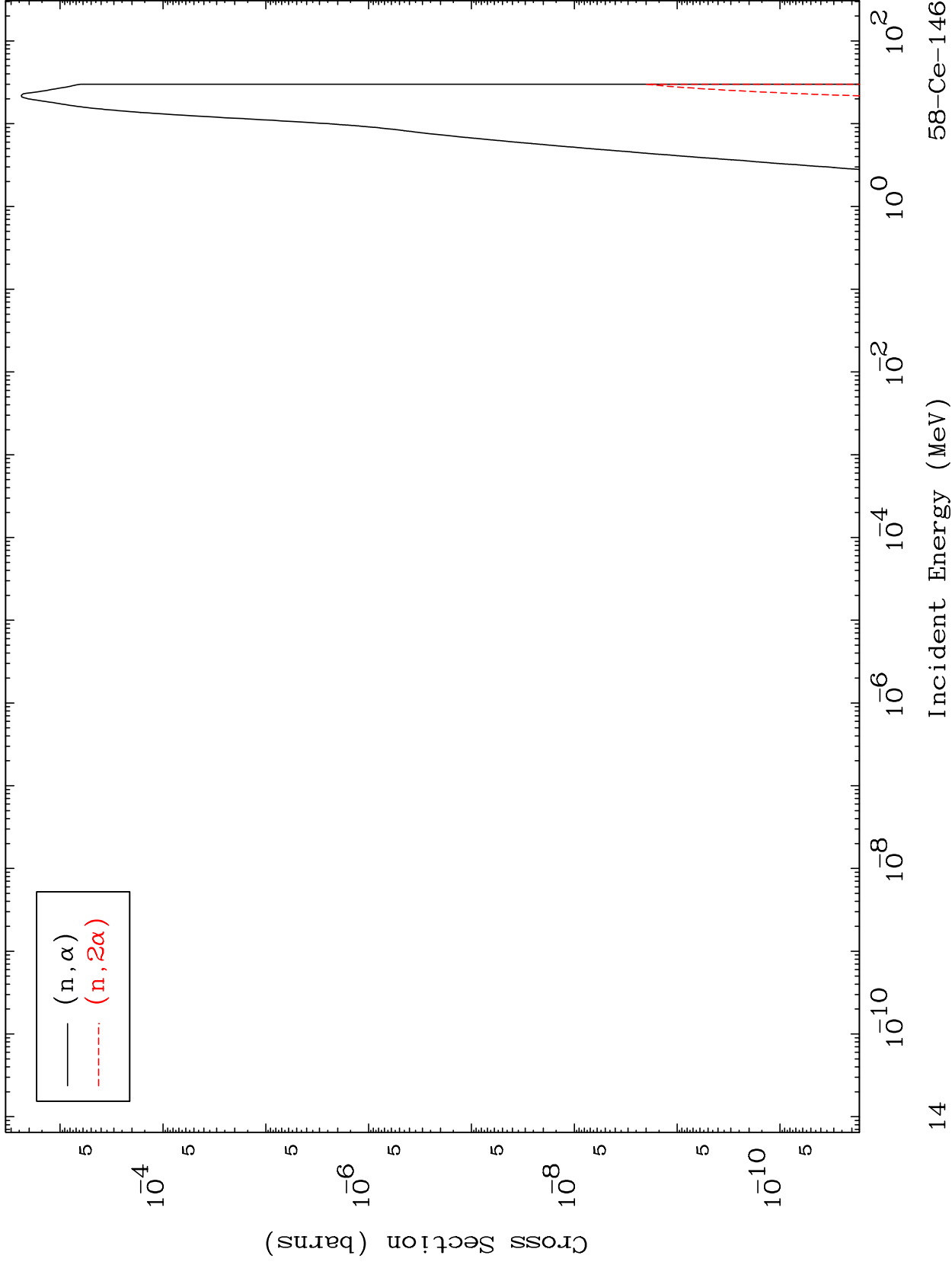
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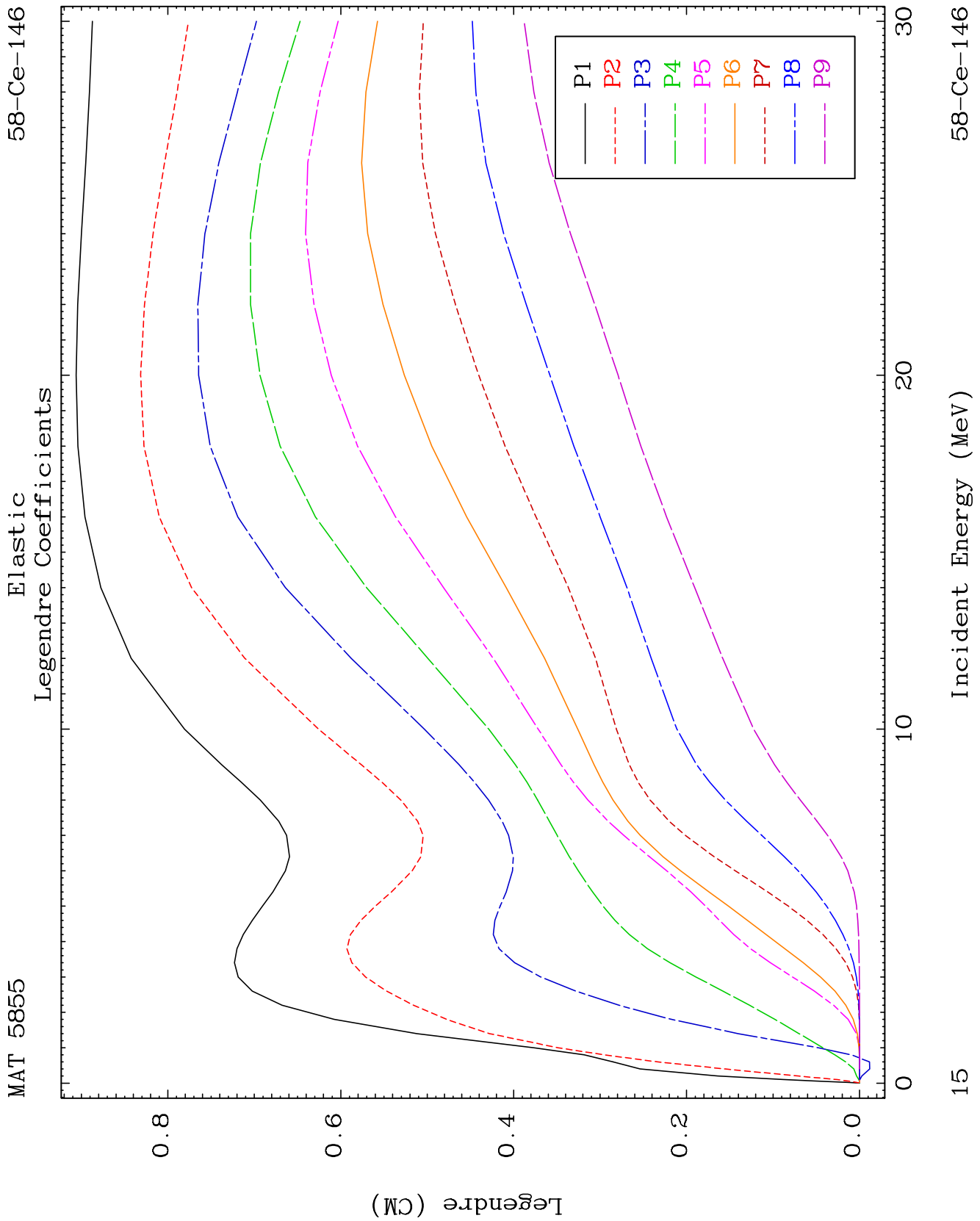
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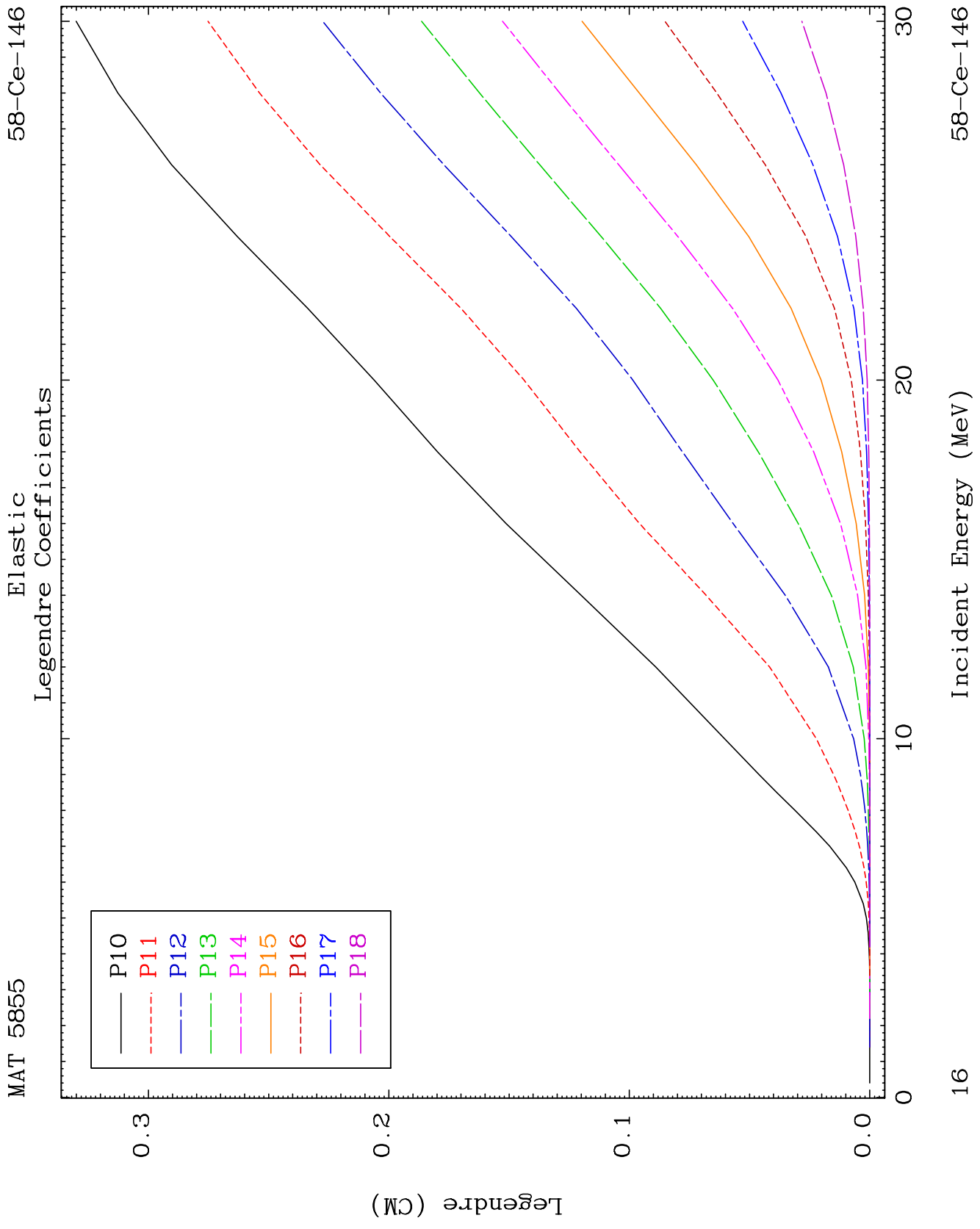
MAT 5855

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-146



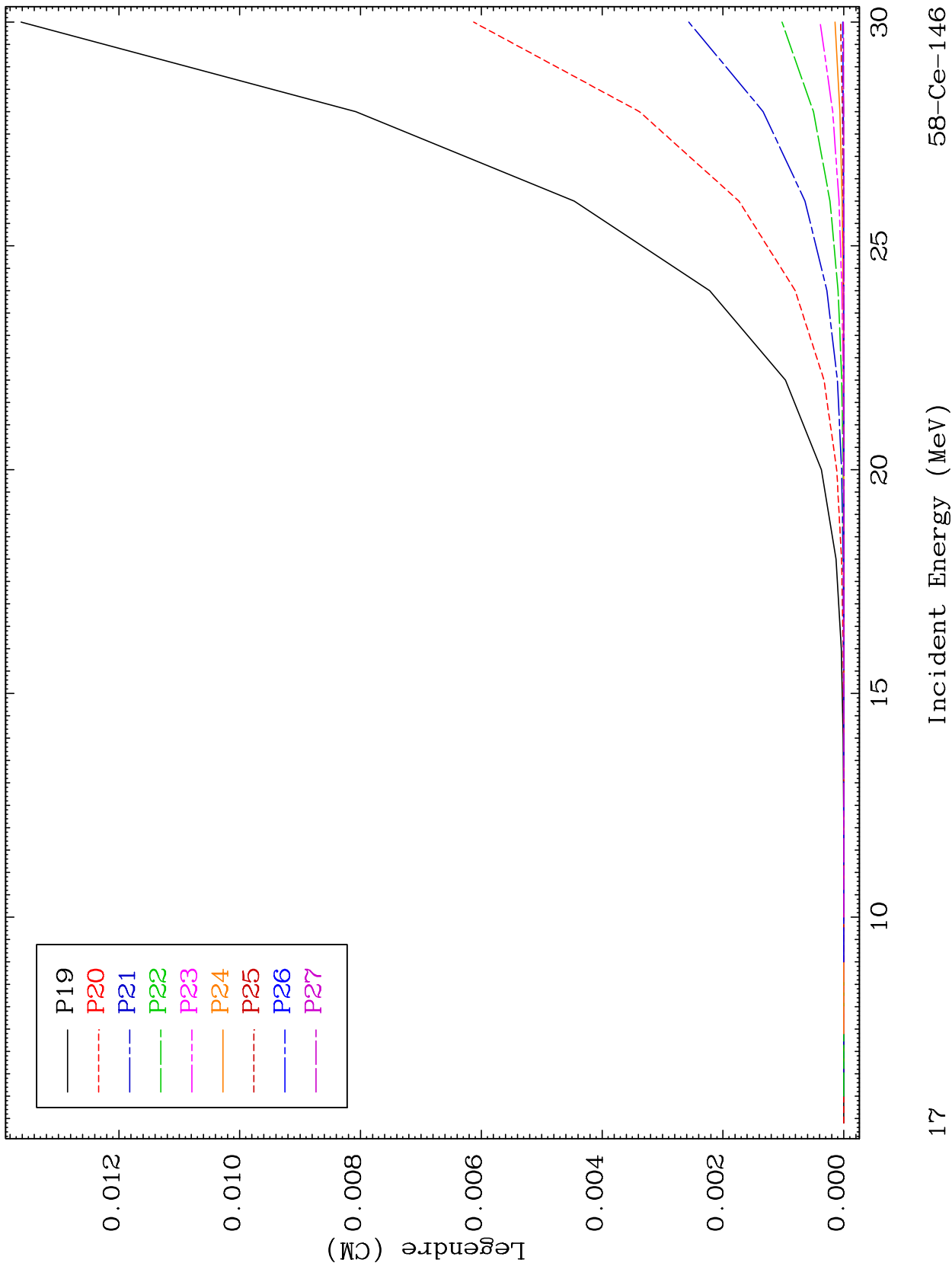




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Elastic Legendre Coefficients

58-Ce-146



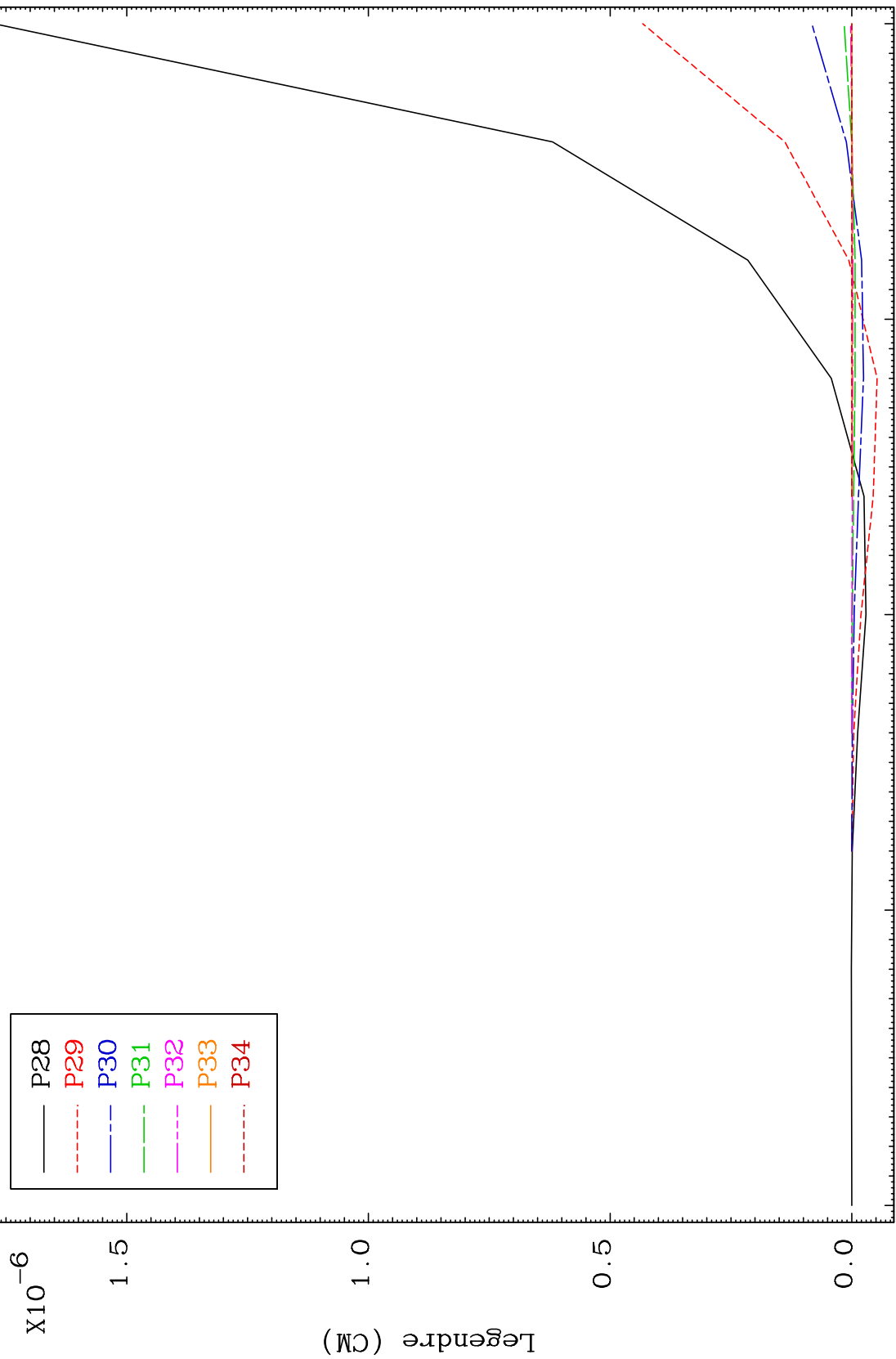
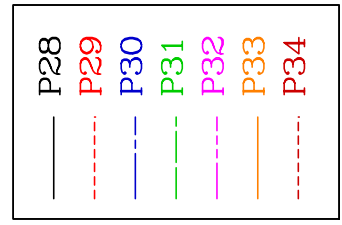
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58-Ce-146

MAT 5855

Elastic Legendre Coefficients

58-Ce-146



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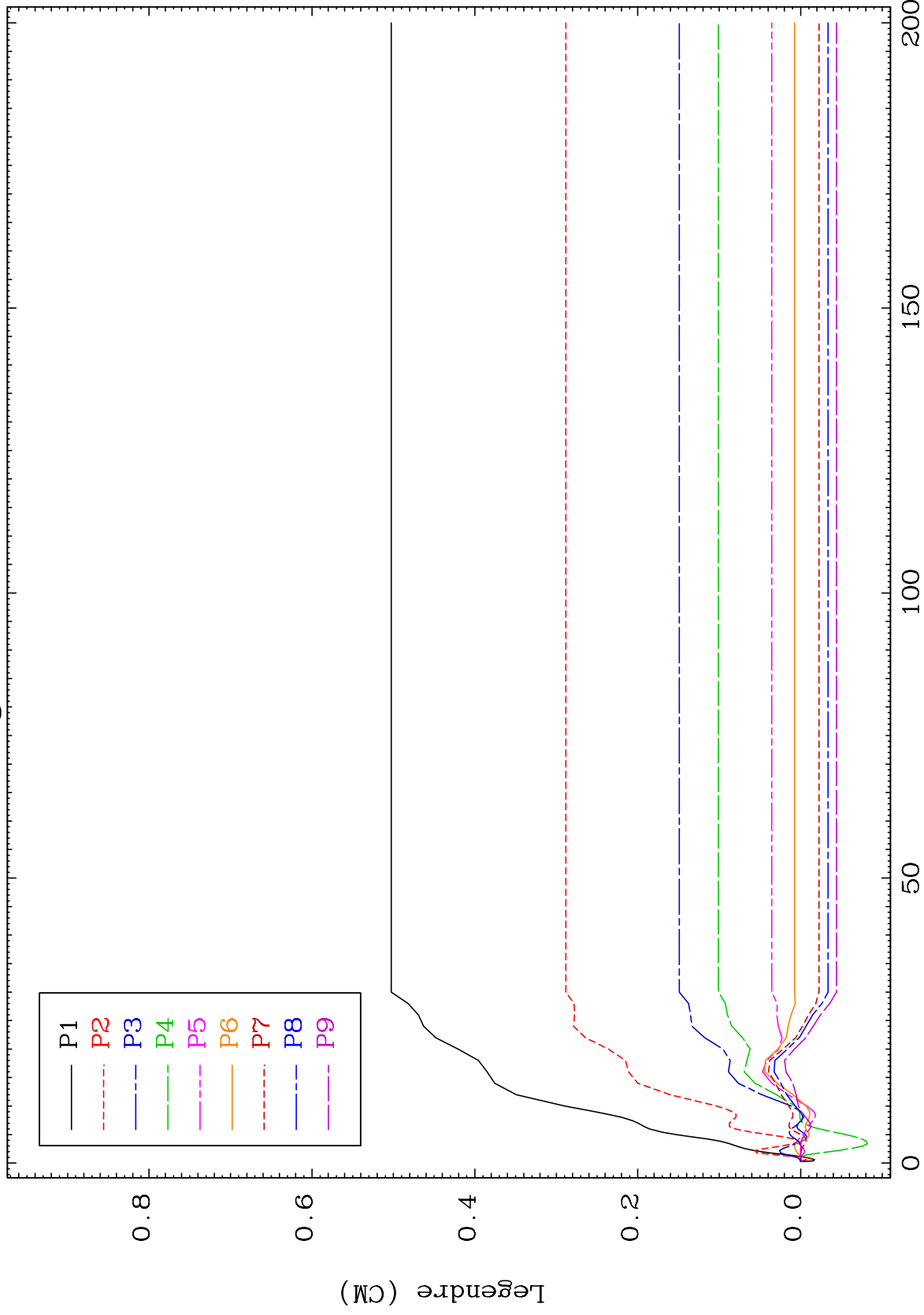
Incident Energy (MeV)

58-Ce-146

MAT 5855

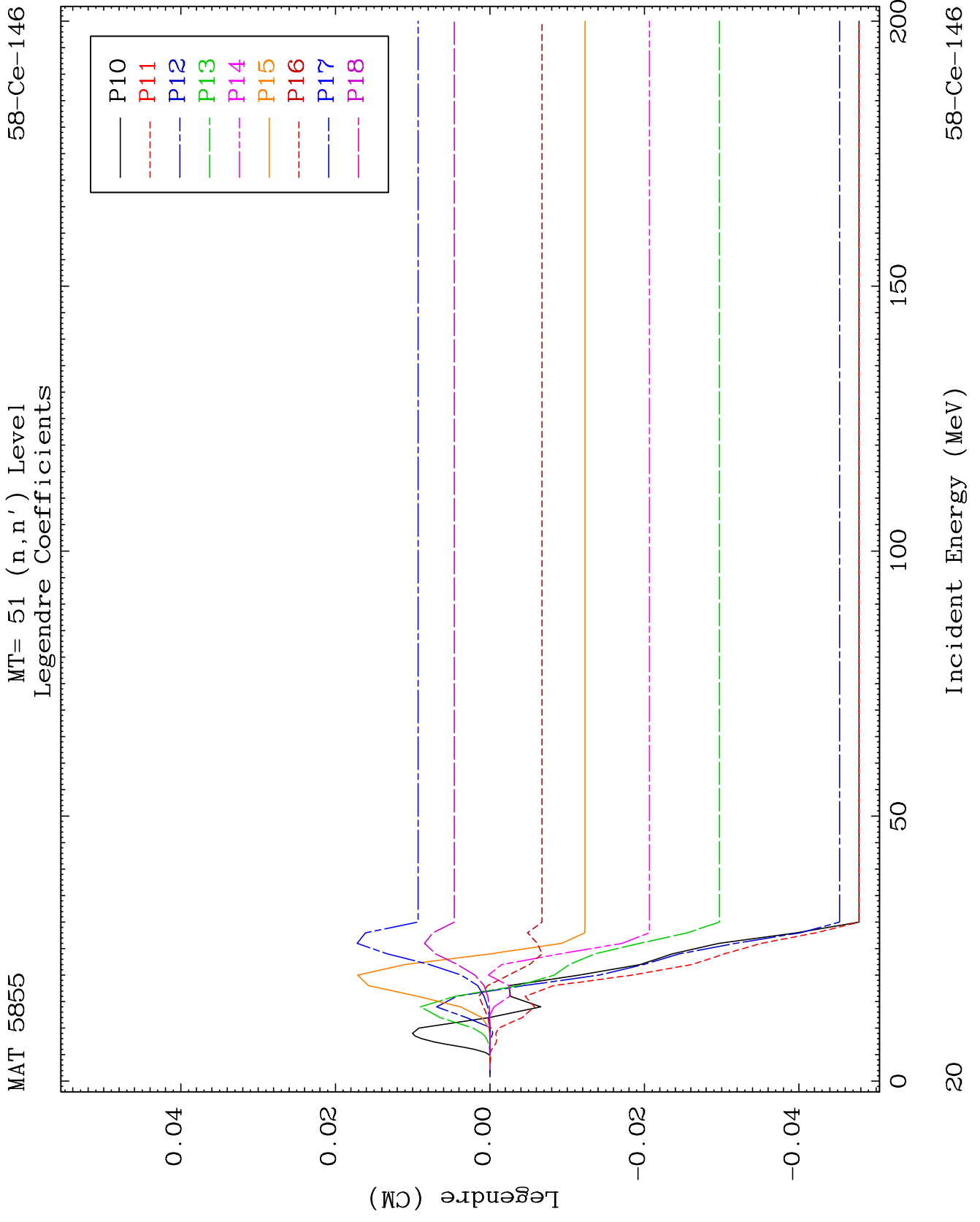
MT= 51 (n,n') Level
Legendre Coefficients

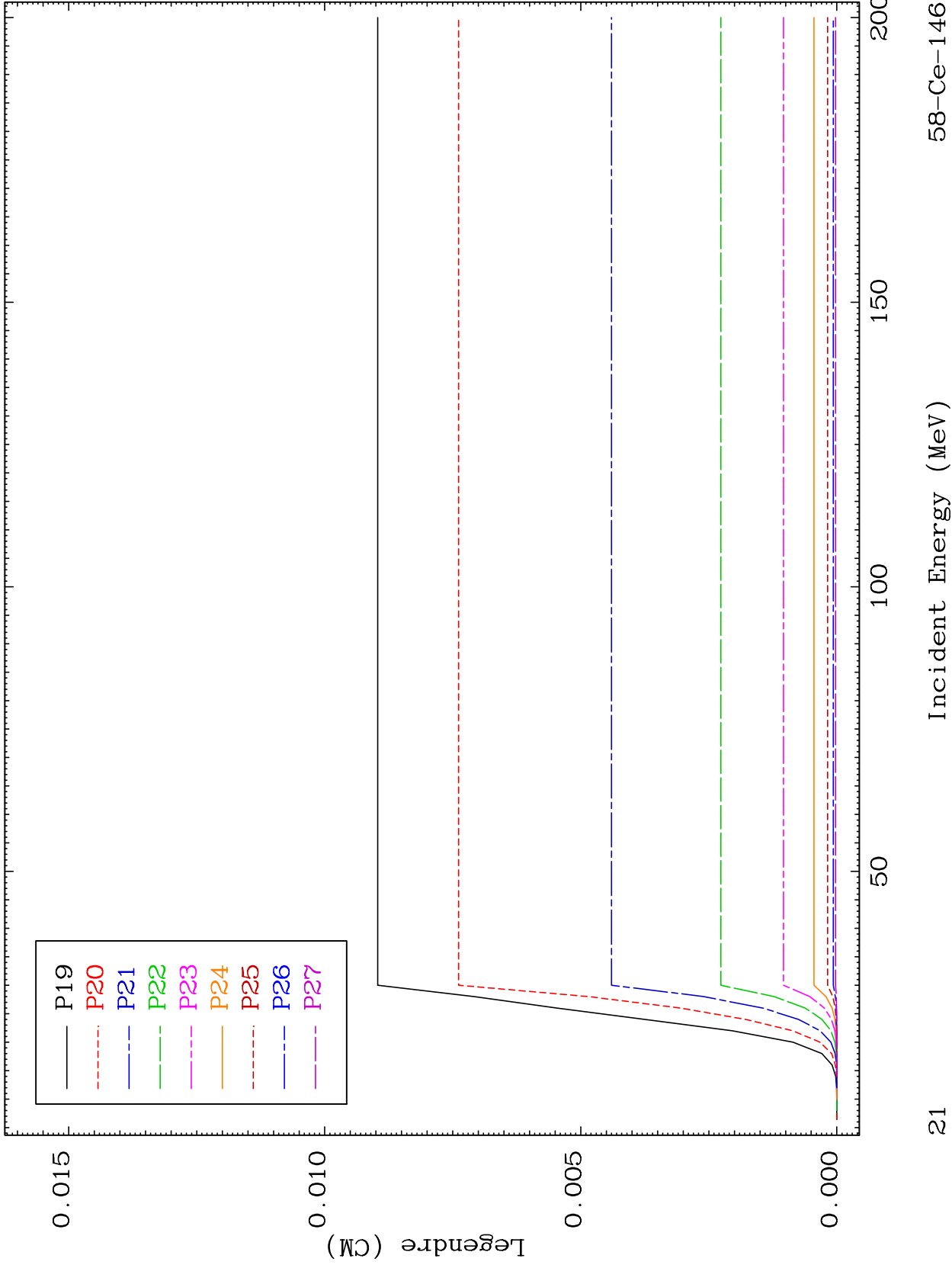
58-Ce-146



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58-Ce-146

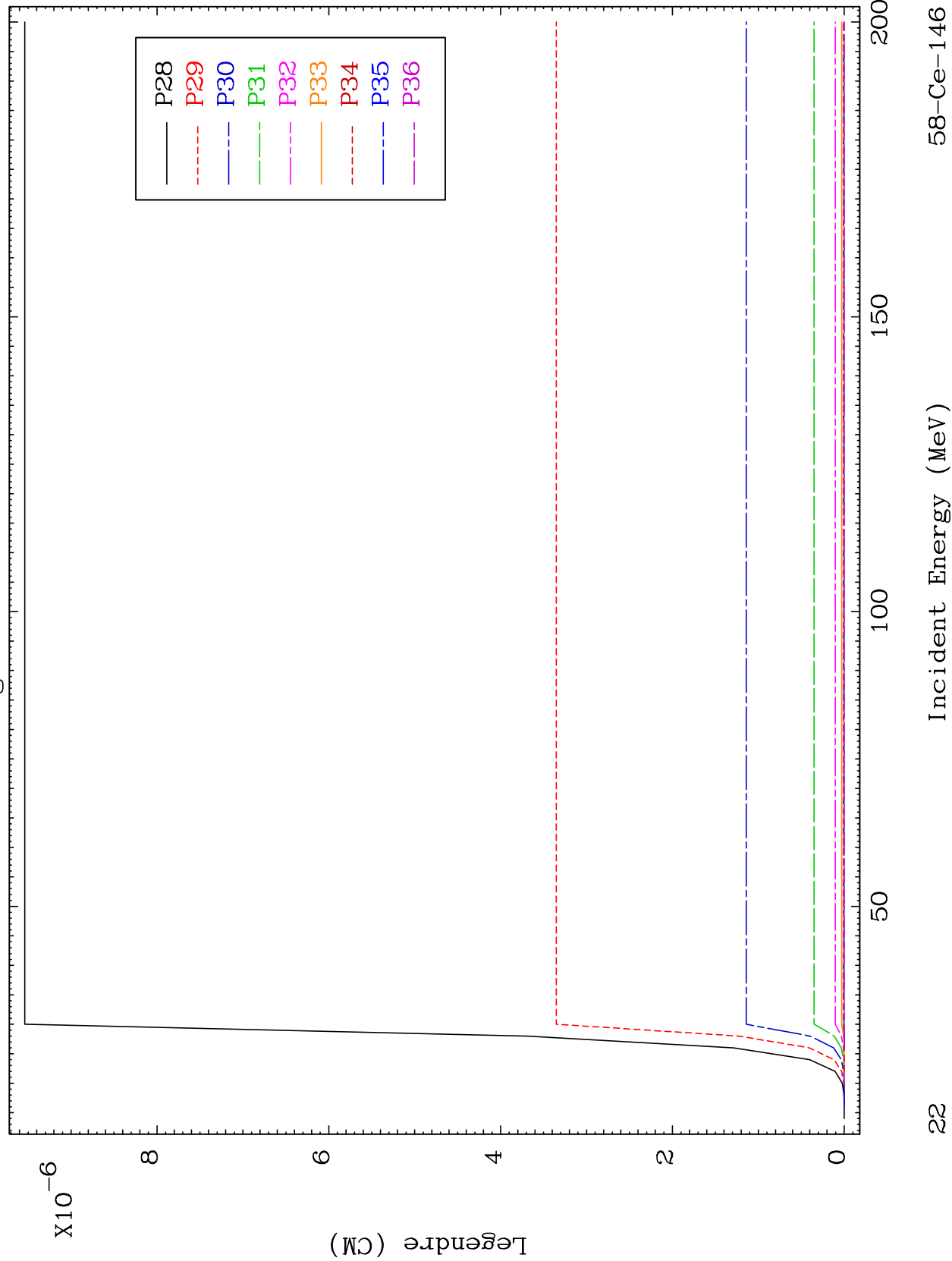




MAT 5855

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-146



22

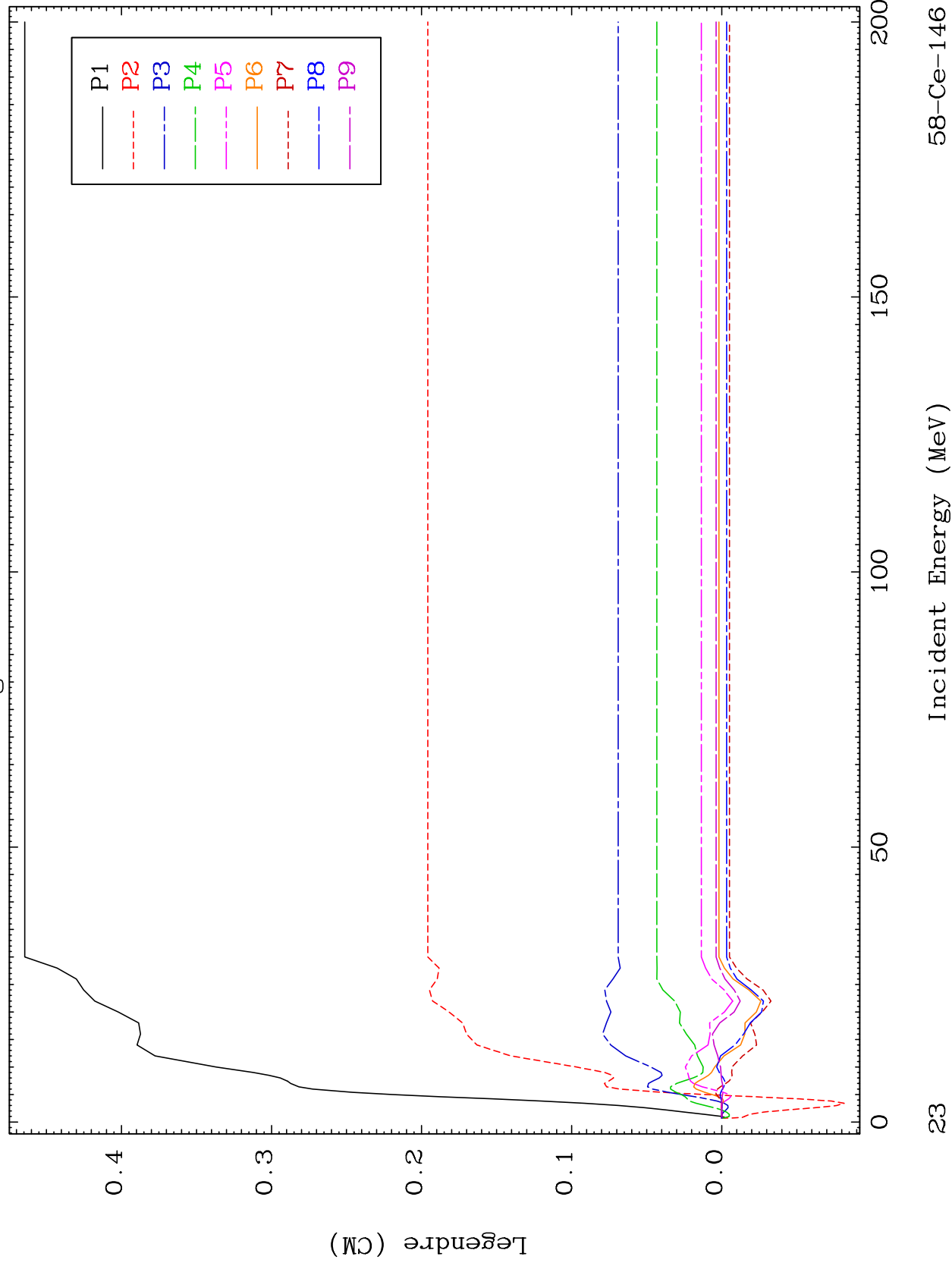
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

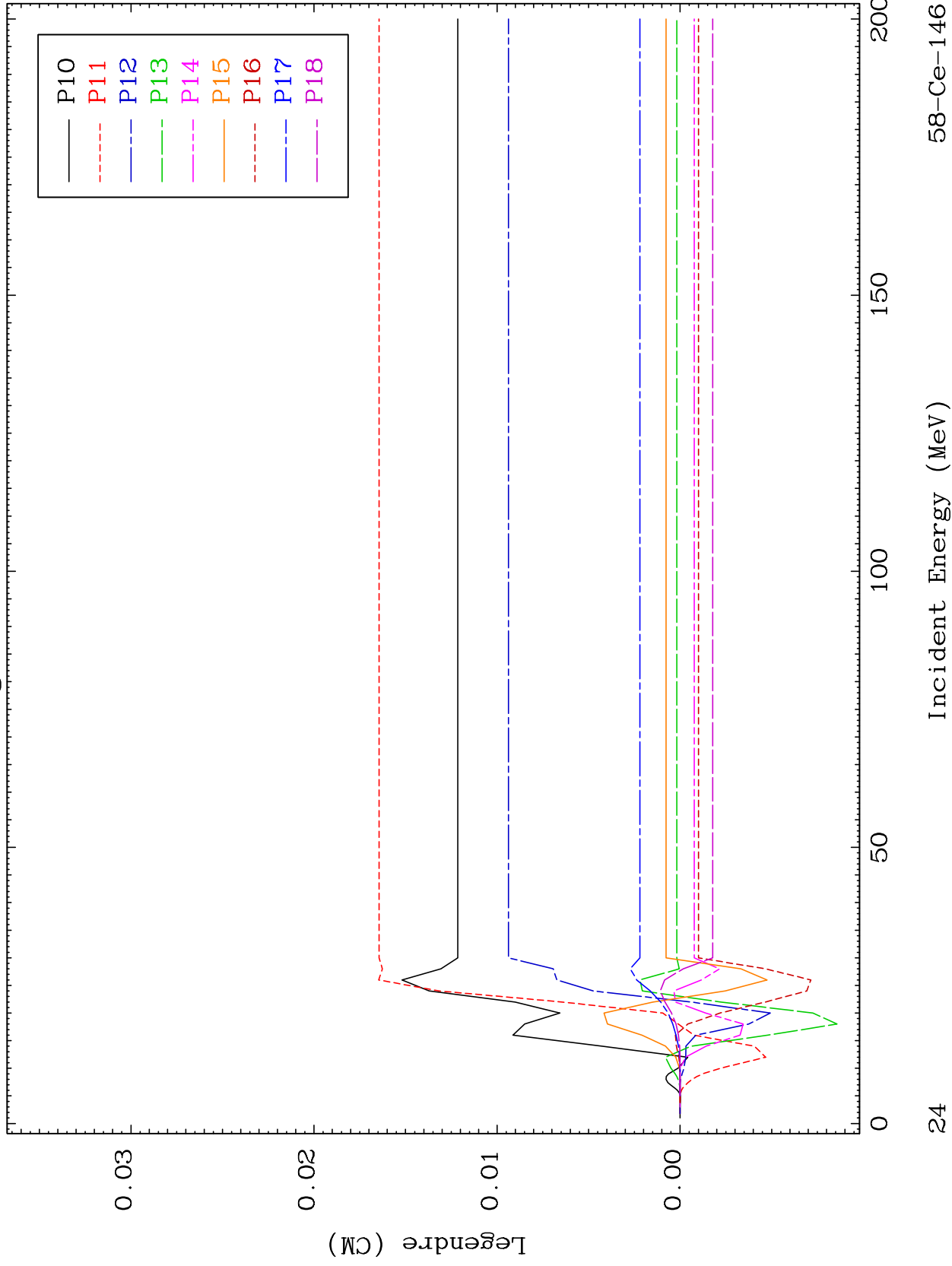
Incident Energy (MeV)

23

MAT 5855

MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

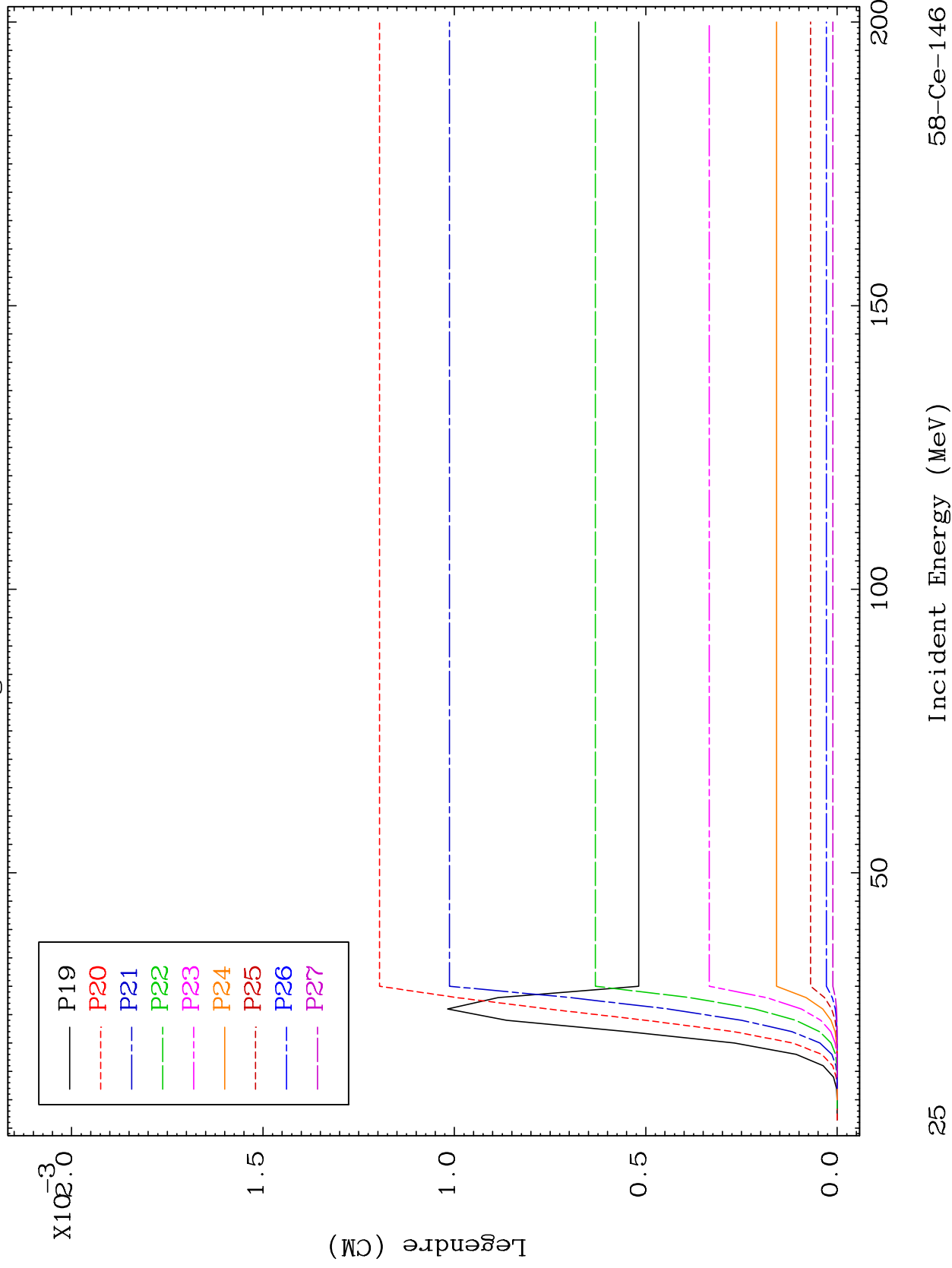
Incident Energy (MeV)

24

MAT 5855

MT= 52 (n,n') Level
Legendre Coefficients

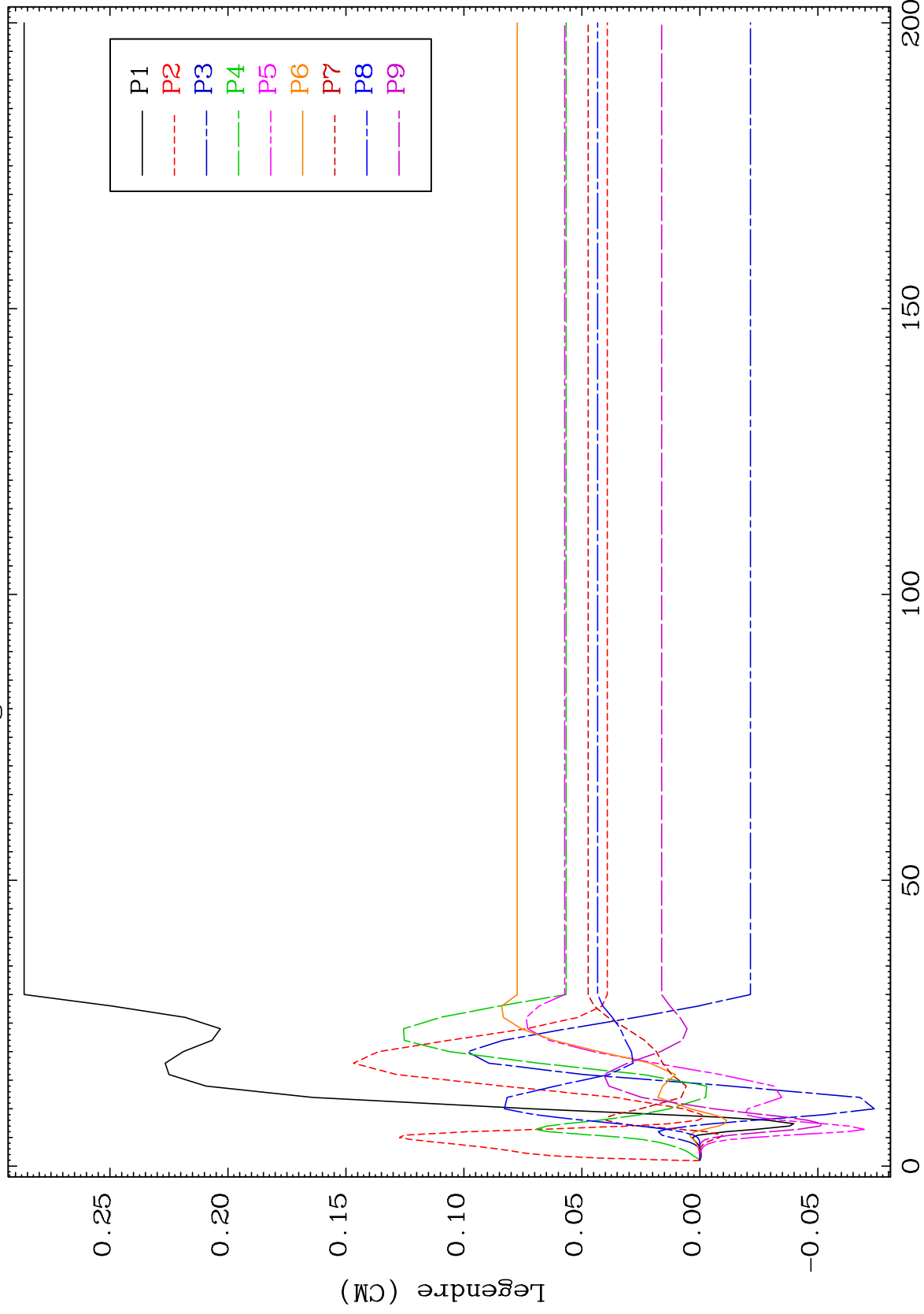
58-Ce-146



MAT 5855

MT= 53 (n,n') Level
Legendre Coefficients

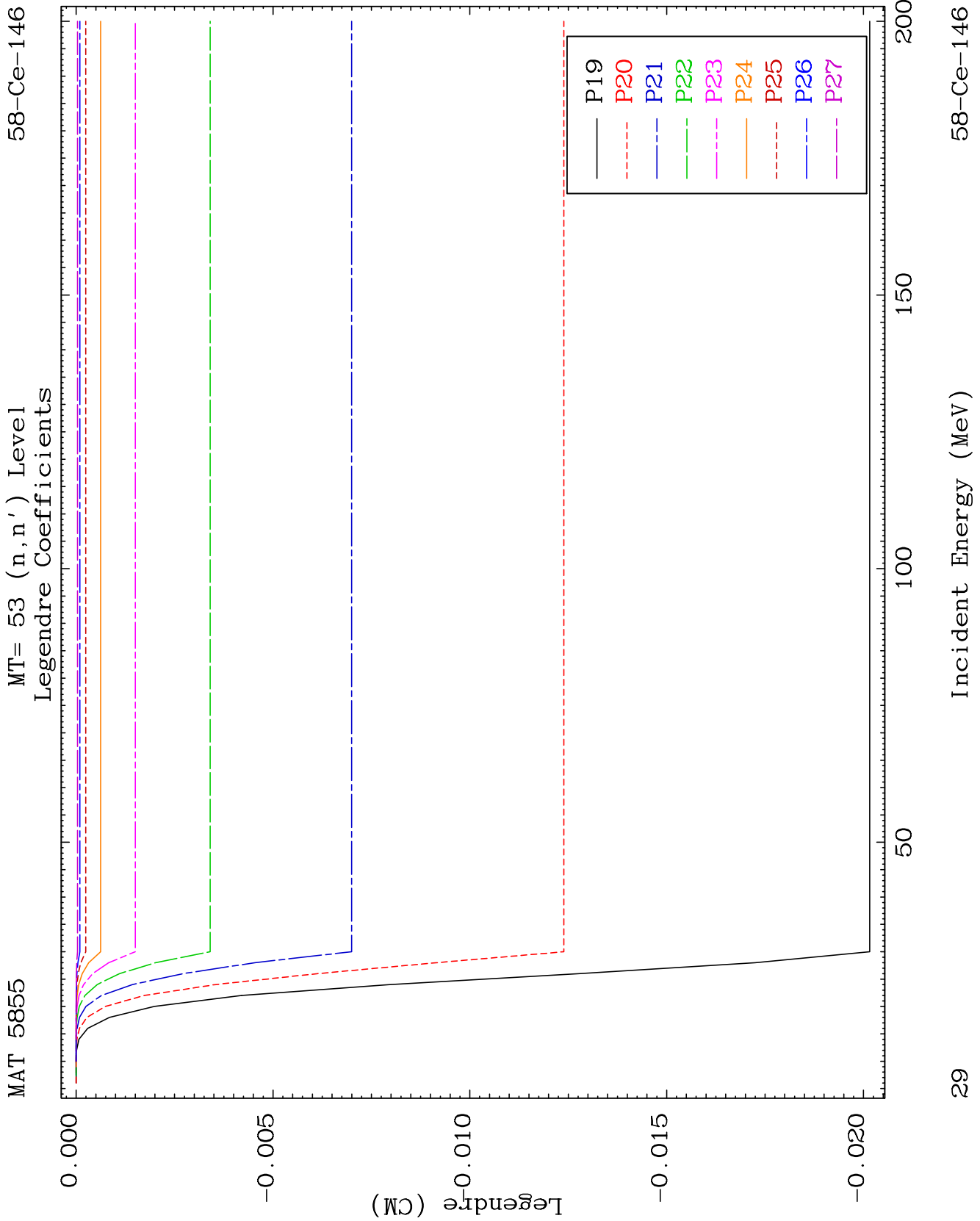
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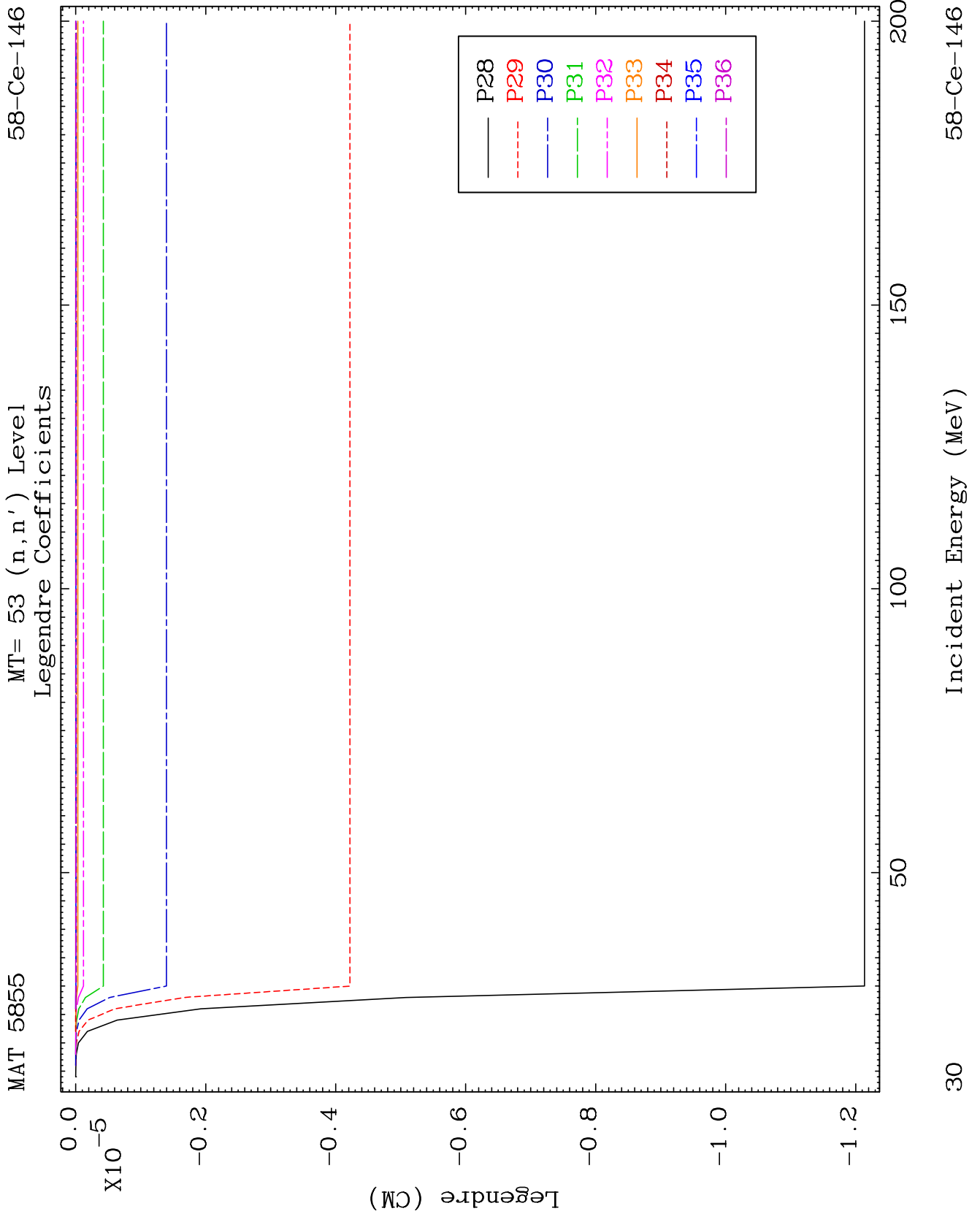


27

Incident Energy (MeV)

58-Ce-146

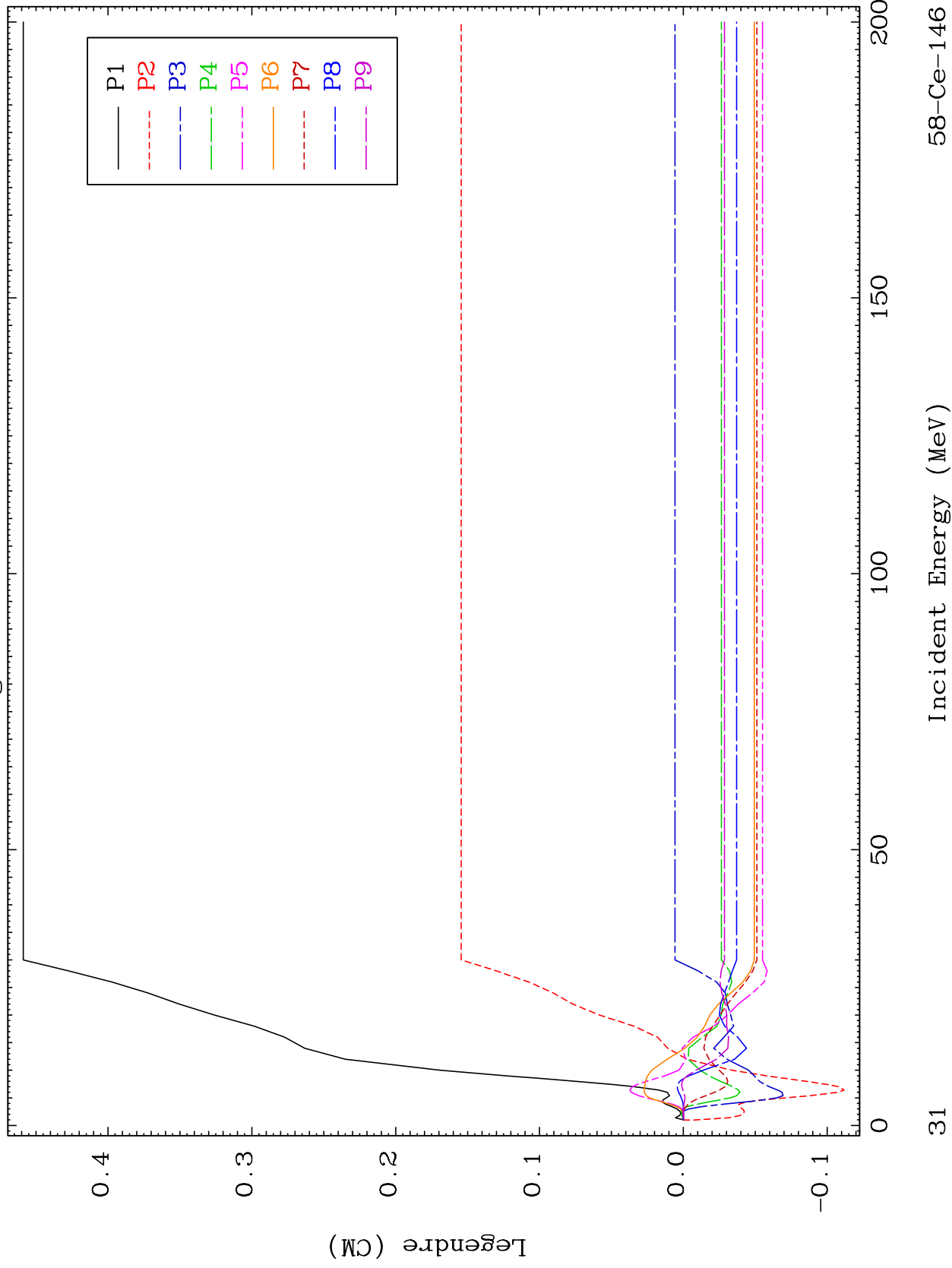




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MT= 54 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

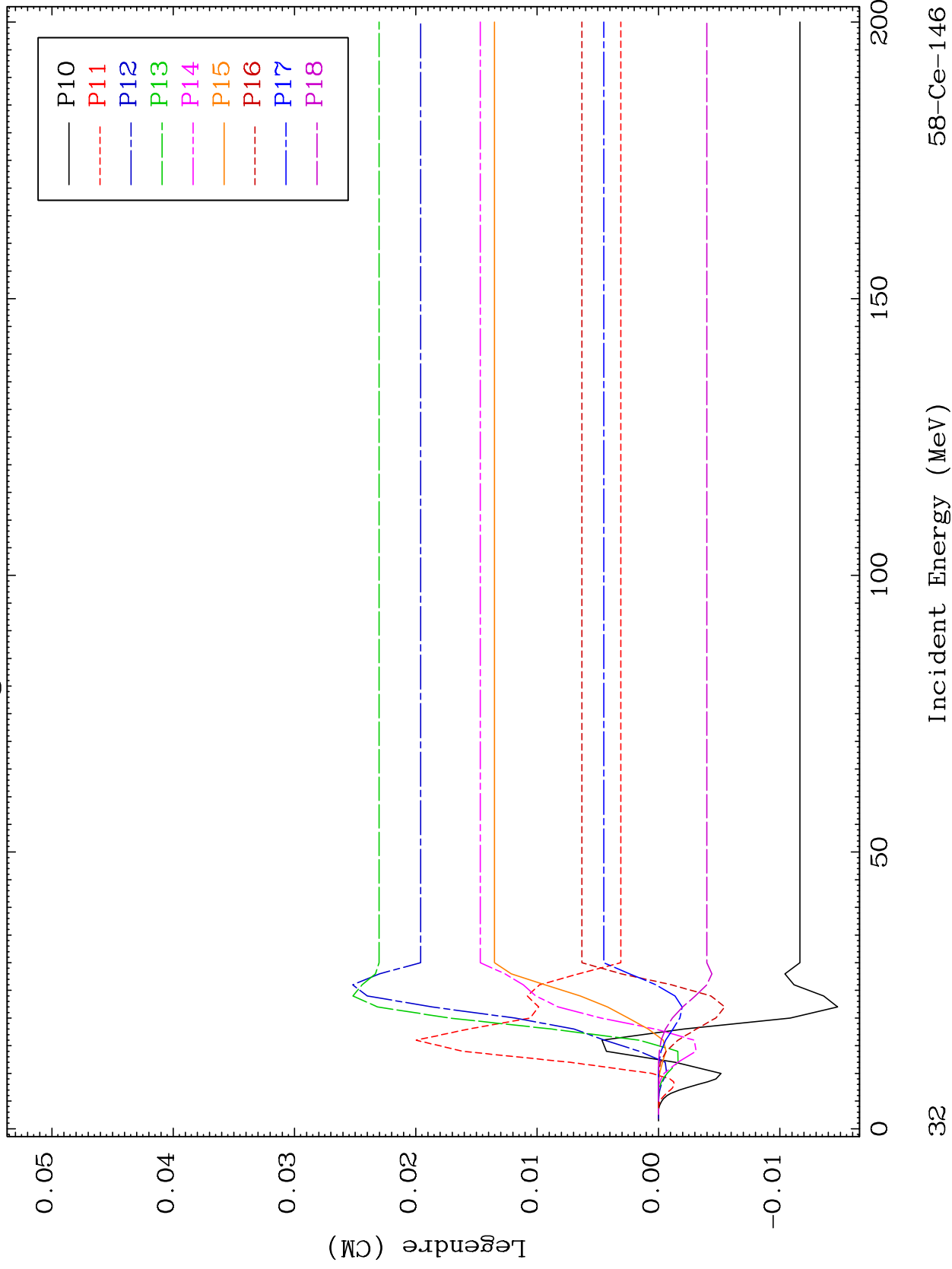
Incident Energy (MeV)

31

MAT 5855

MT= 54 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

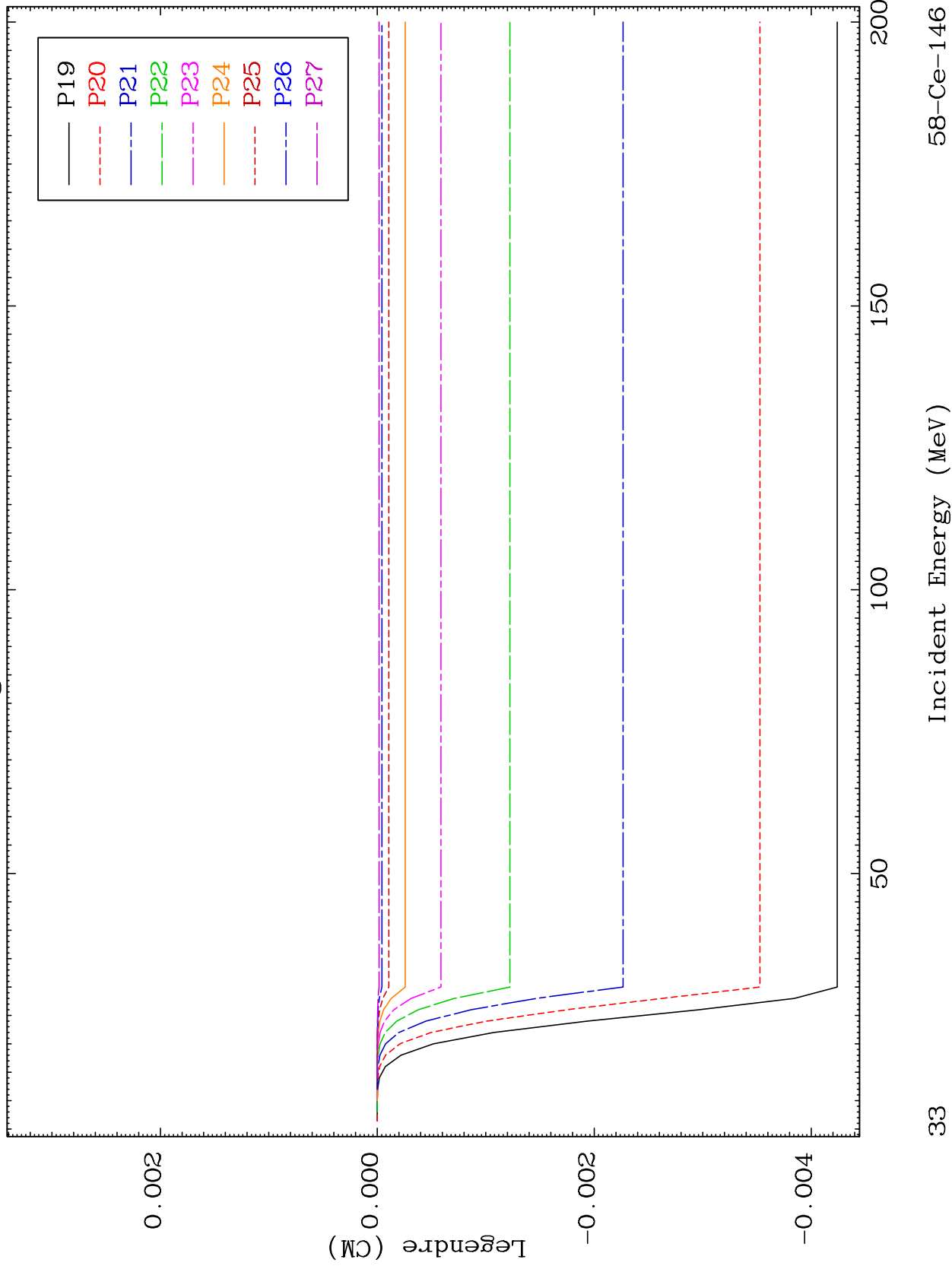
Incident Energy (MeV)

32

MAT 5855

MT= 54 (n,n') Level
Legendre Coefficients

58-Ce-146



33

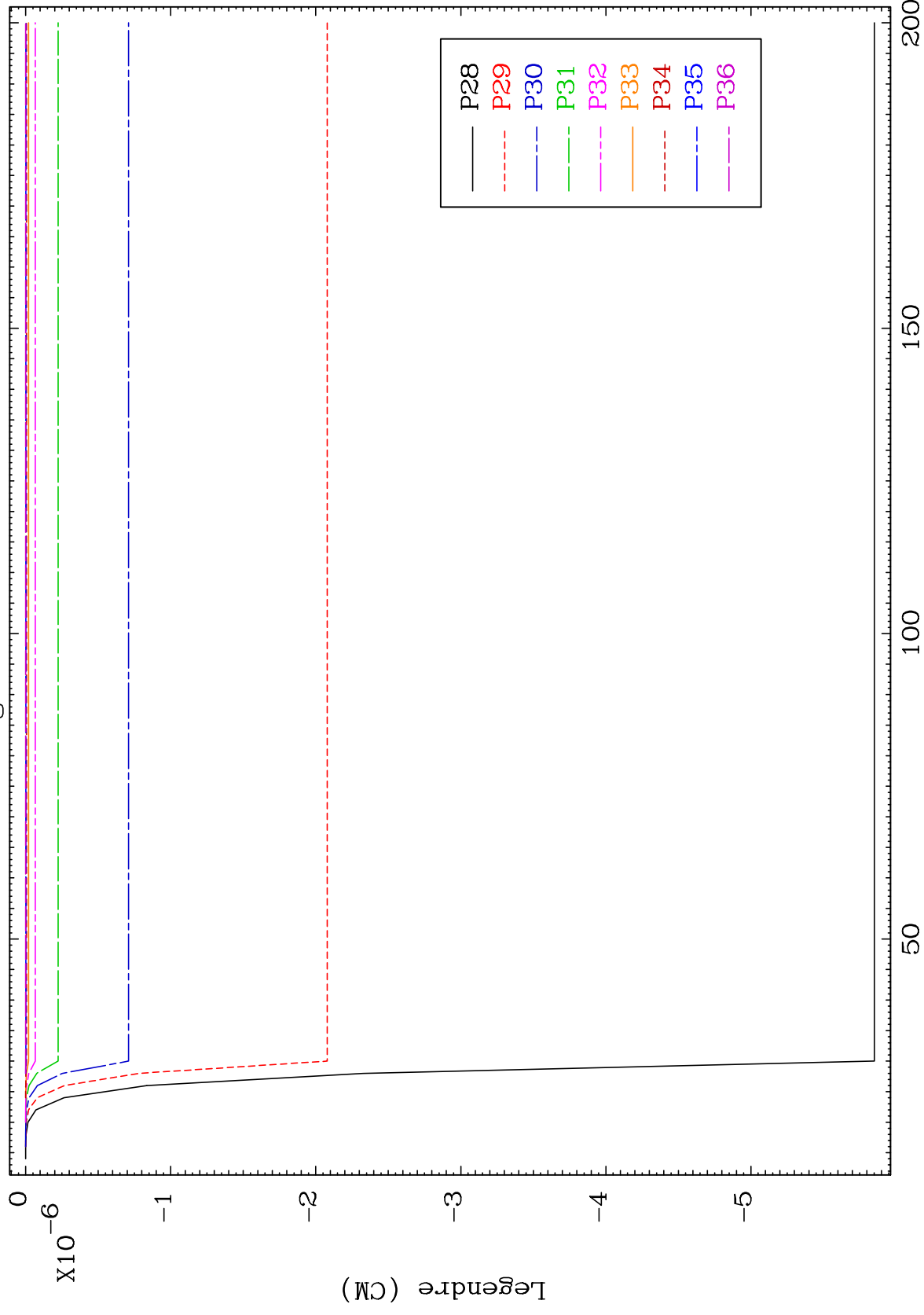
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 54 (n,n') Level
Legendre Coefficients

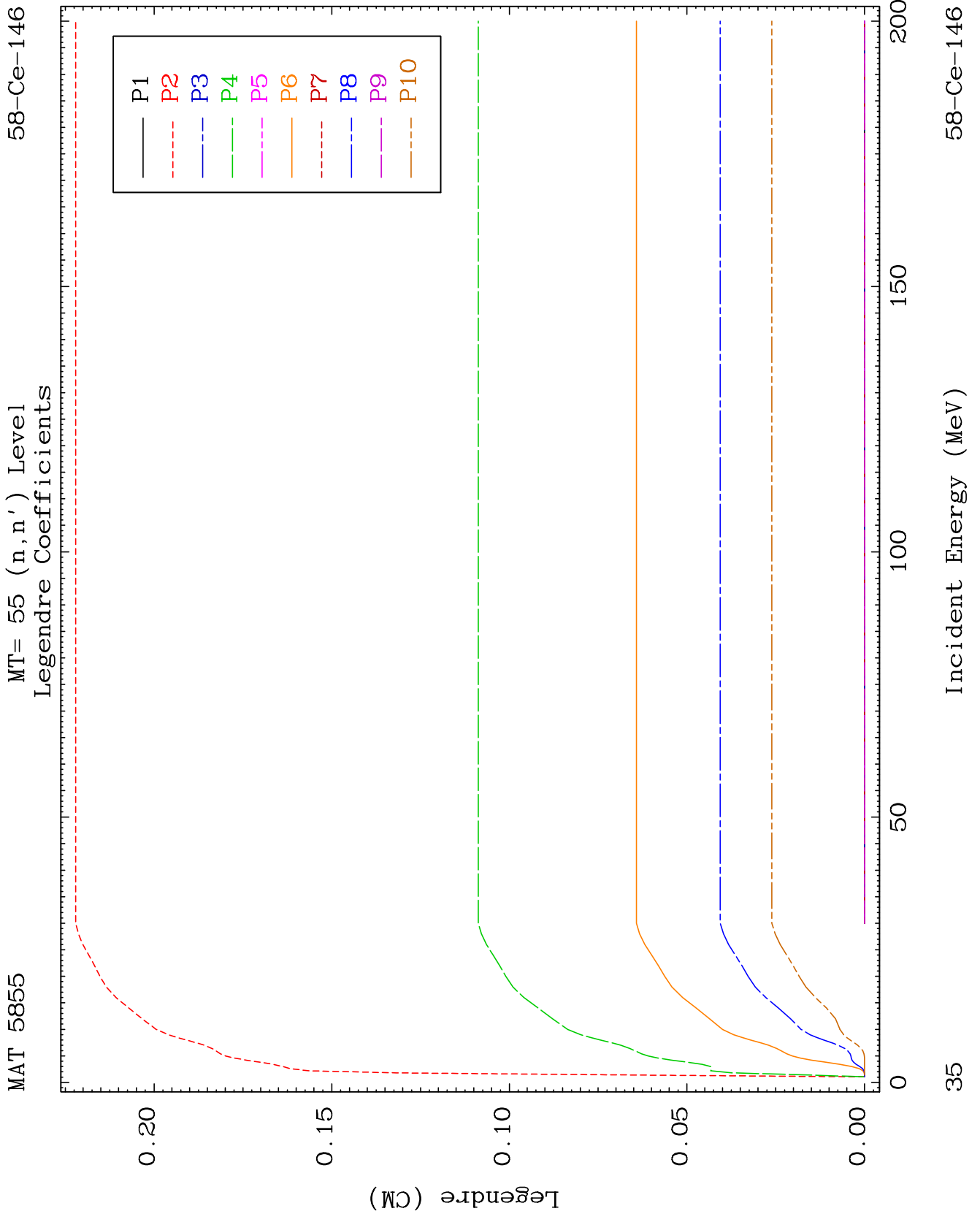
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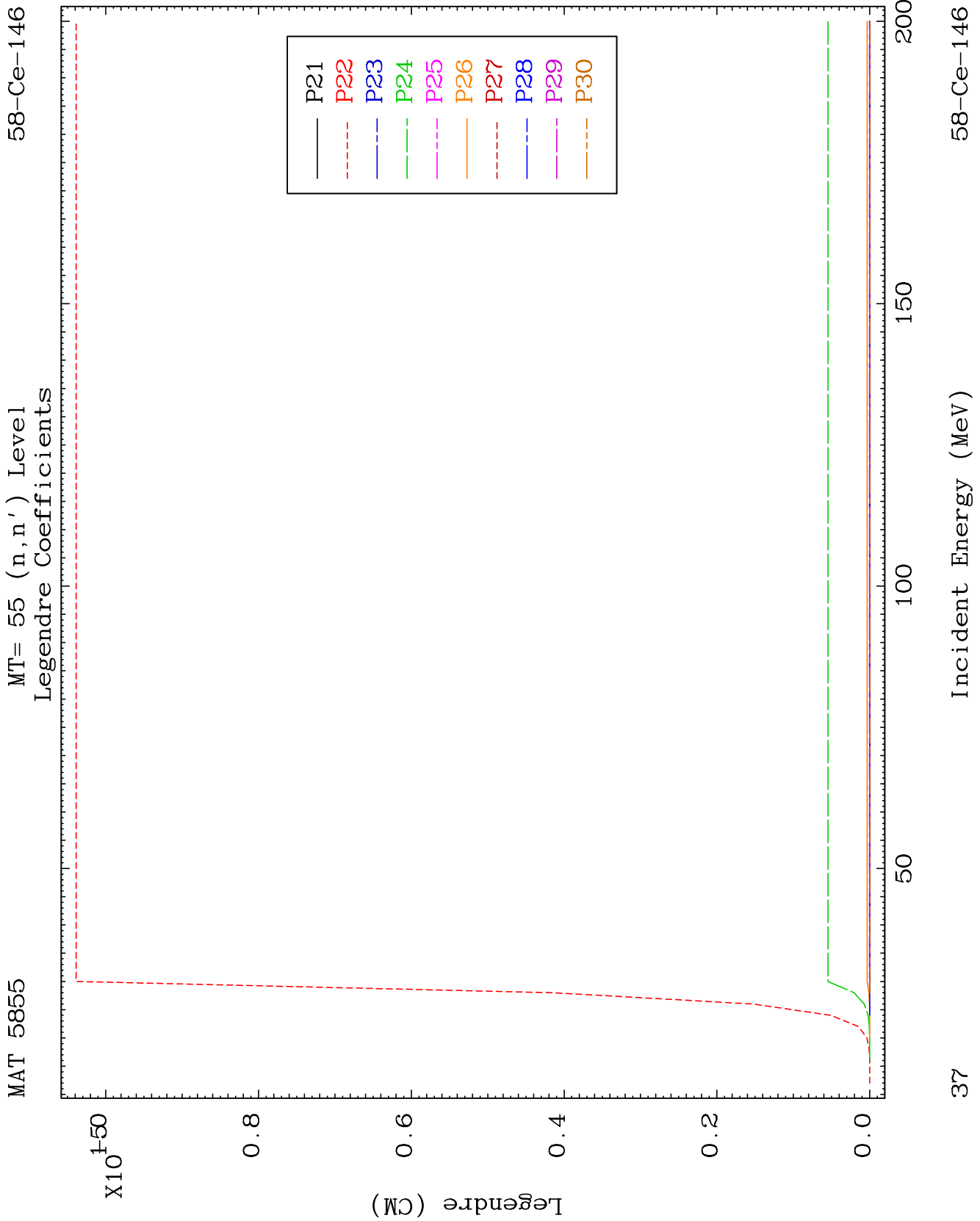


34

Incident Energy (MeV)

58-Ce-146

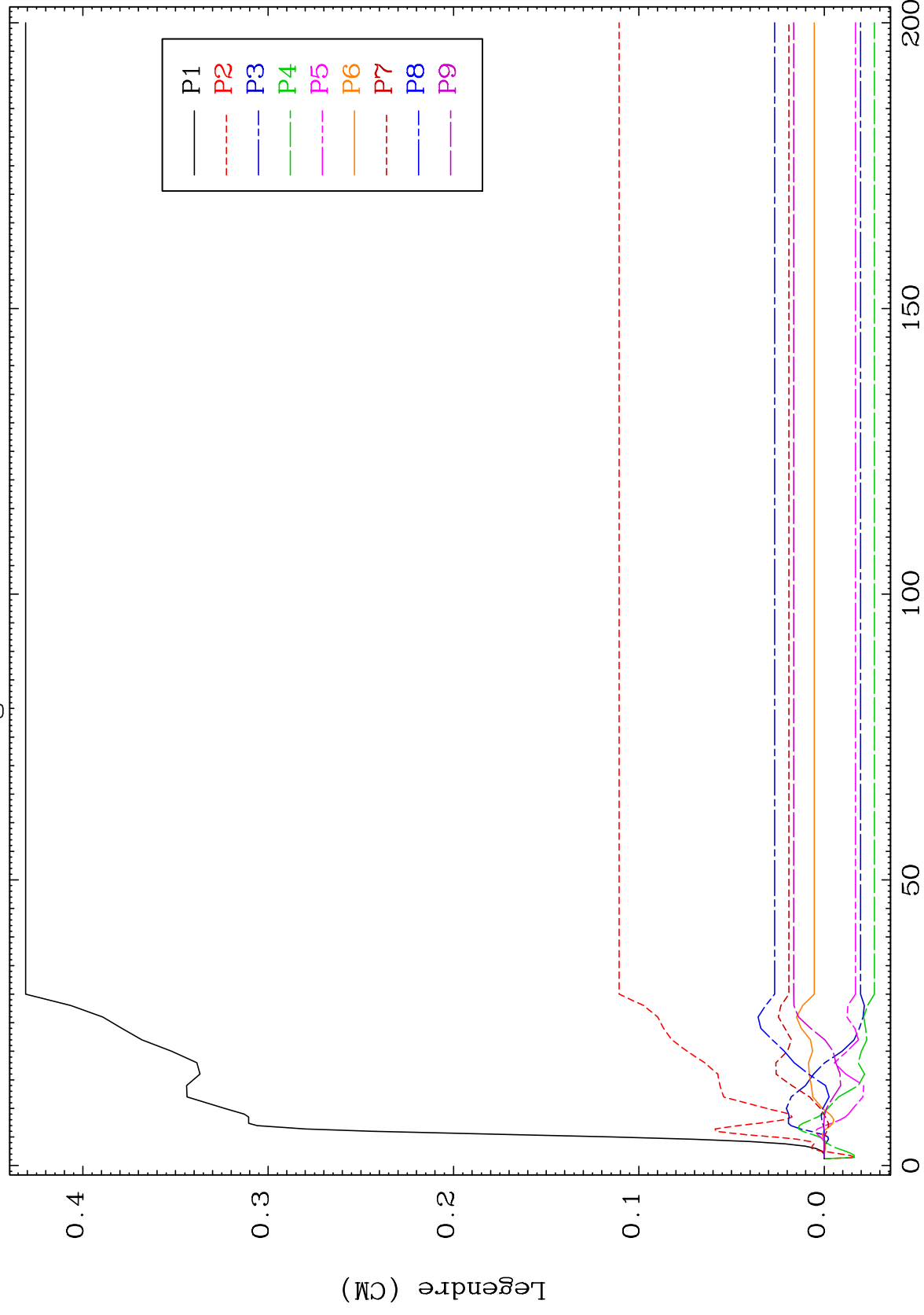




MAT 5855

MT= 56 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

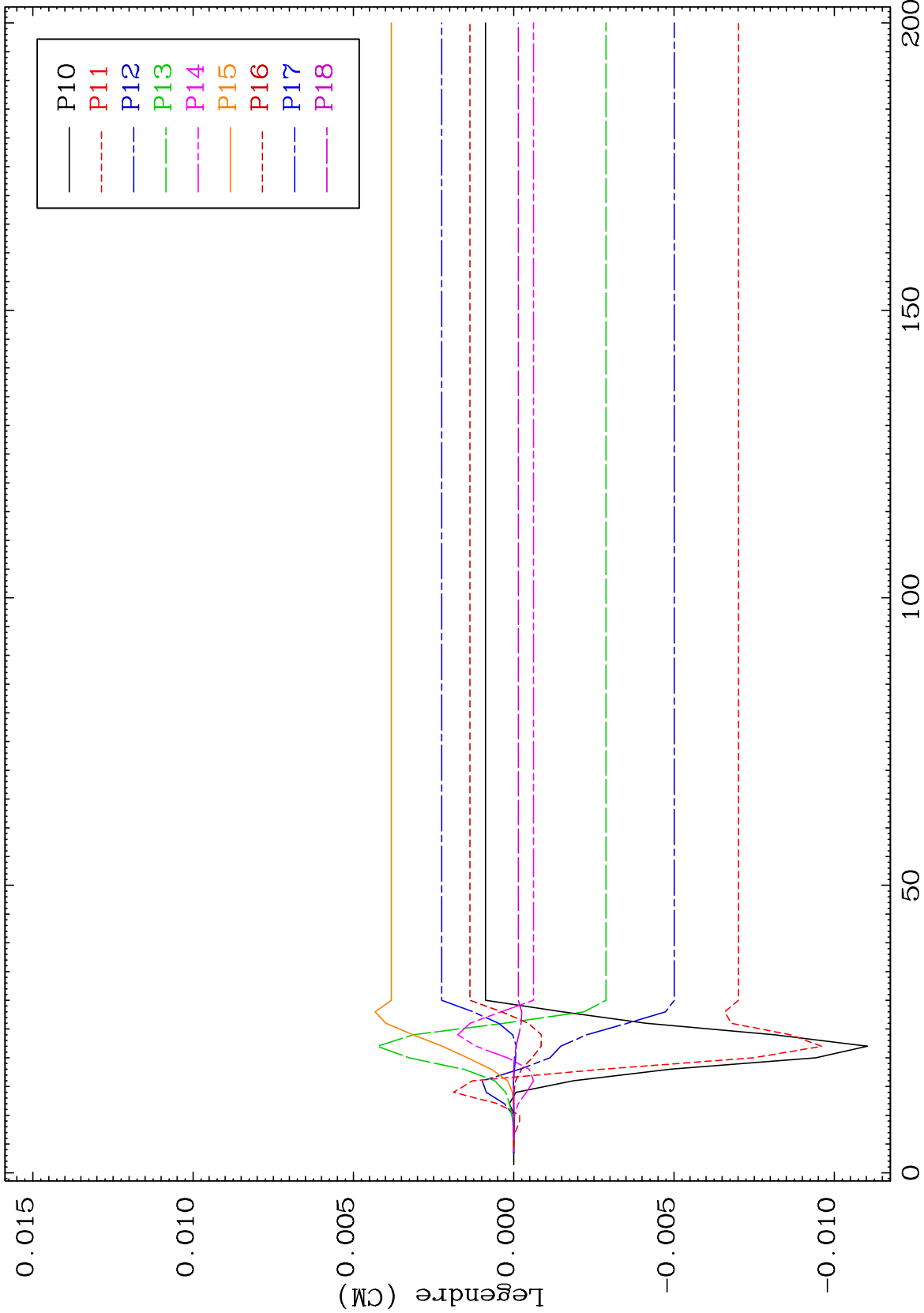
Incident Energy (MeV)

38

MAT 5855

MT= 56 (n,n') Level
Legendre Coefficients

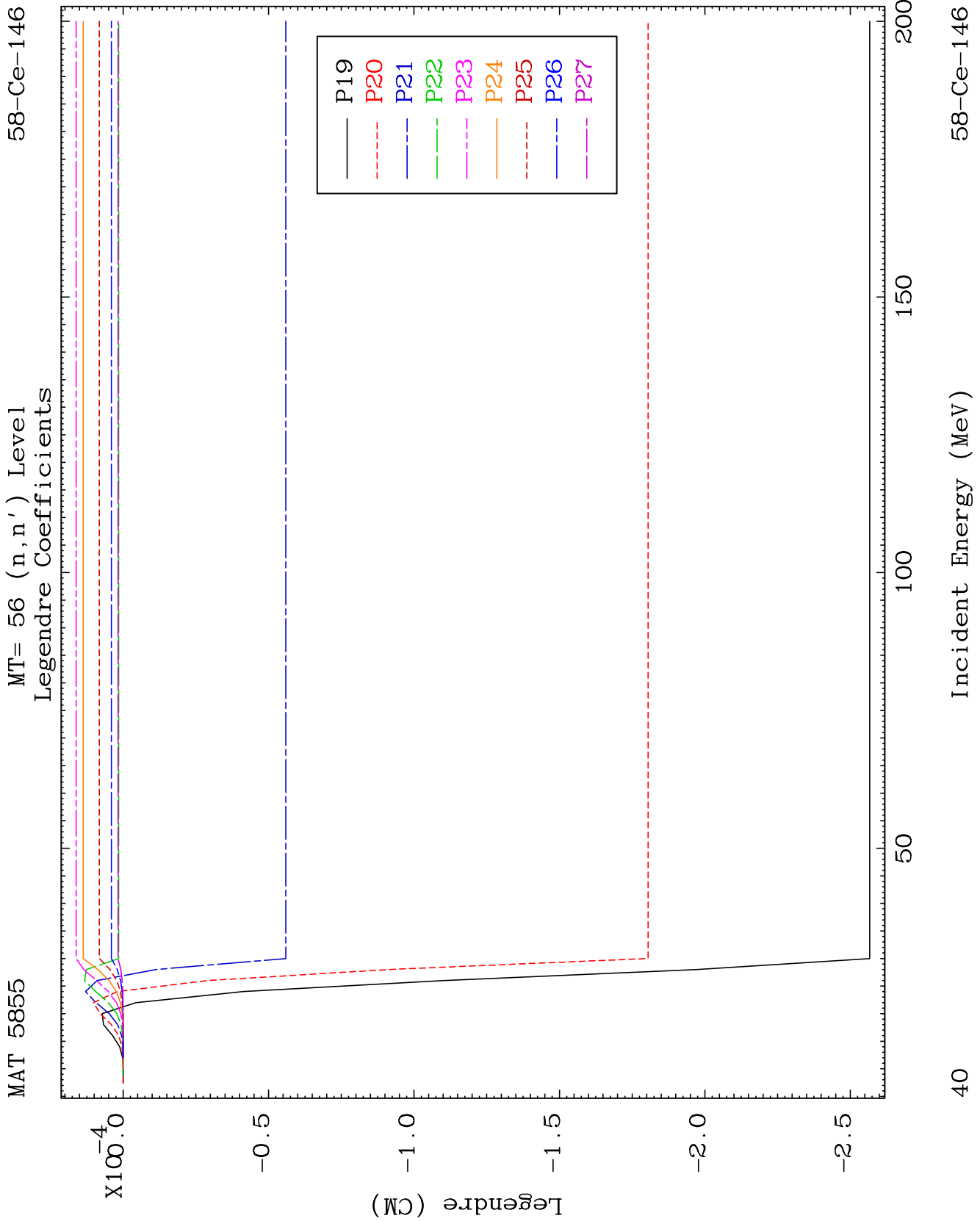
58-Ce-146



39

Incident Energy (MeV)

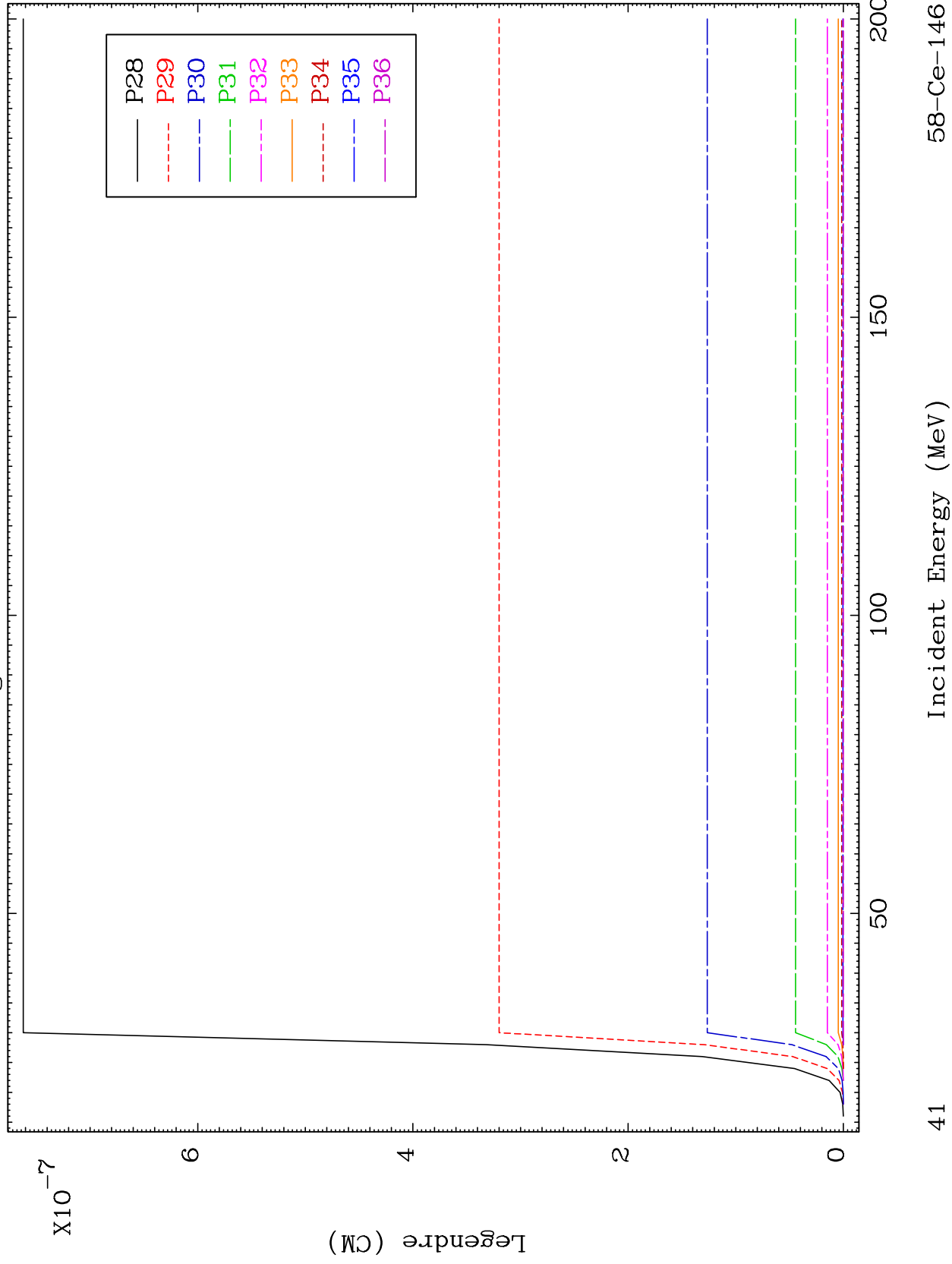
58-Ce-146



MAT 5855

MT= 56 (n,n') Level
Legendre Coefficients

58-Ce-146



41

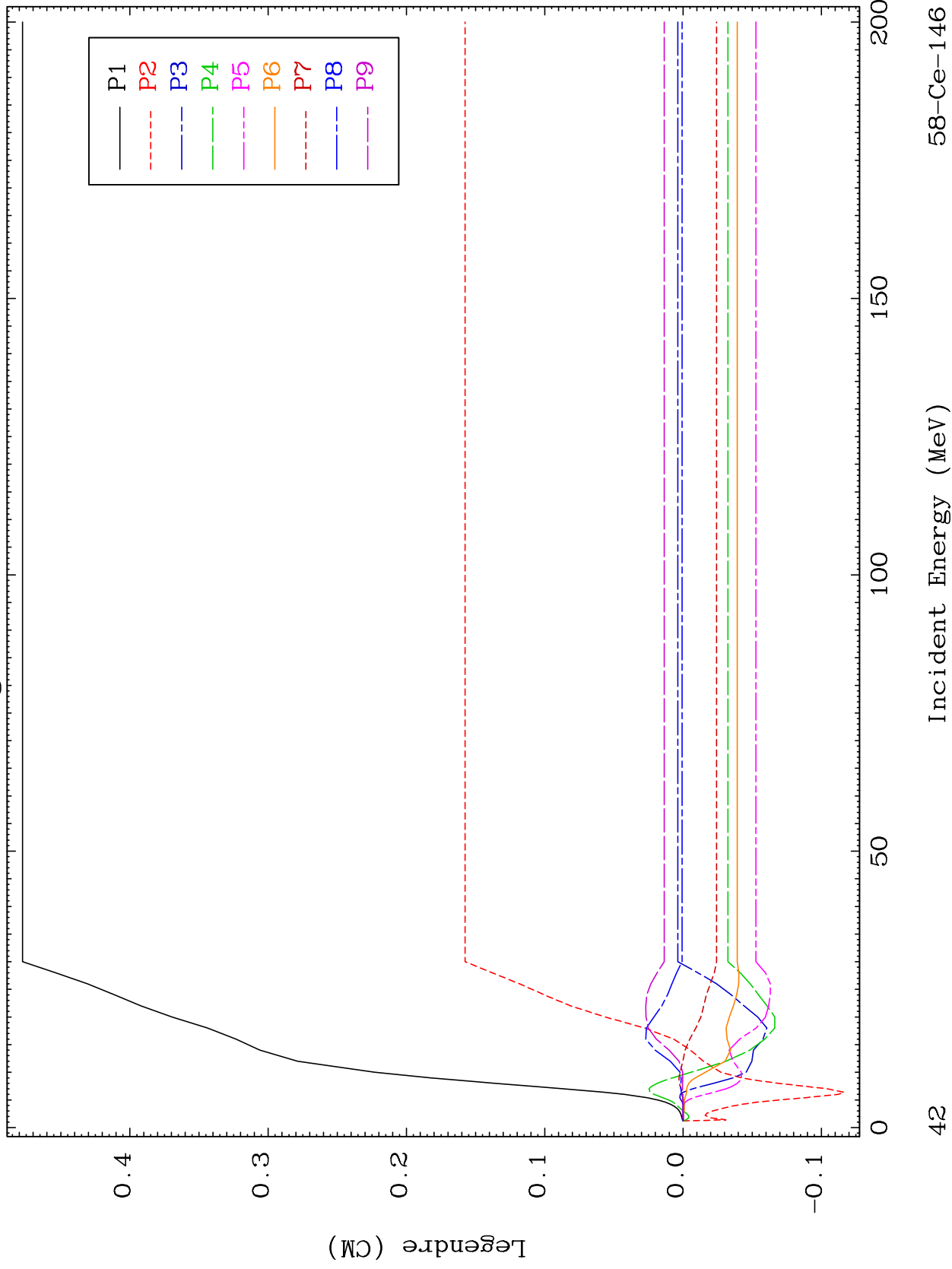
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 57 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

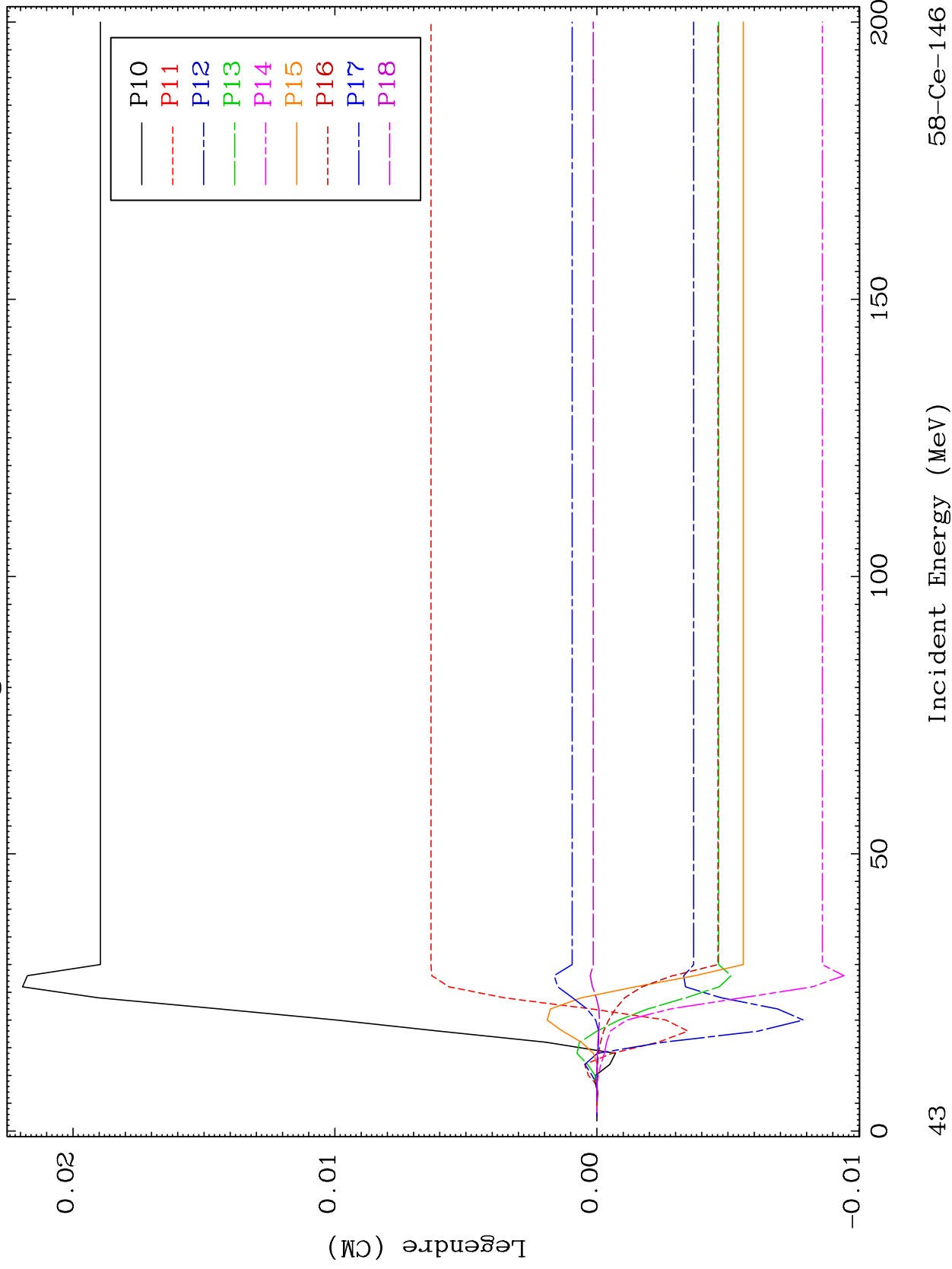
Incident Energy (MeV)

42

MAT 5855

MT= 57 (n,n') Level
Legendre Coefficients

58-Ce-146



58-Ce-146

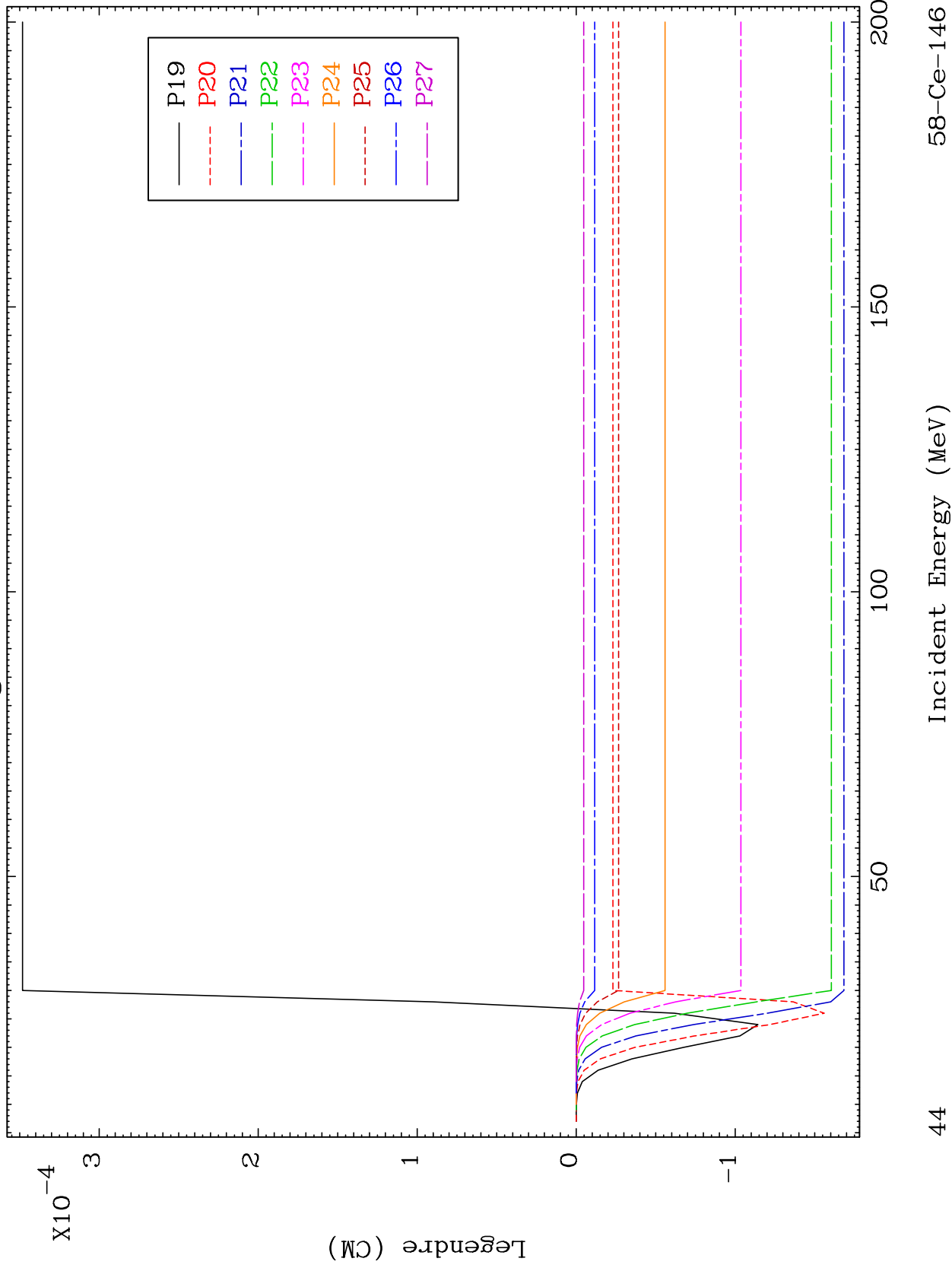
Incident Energy (MeV)

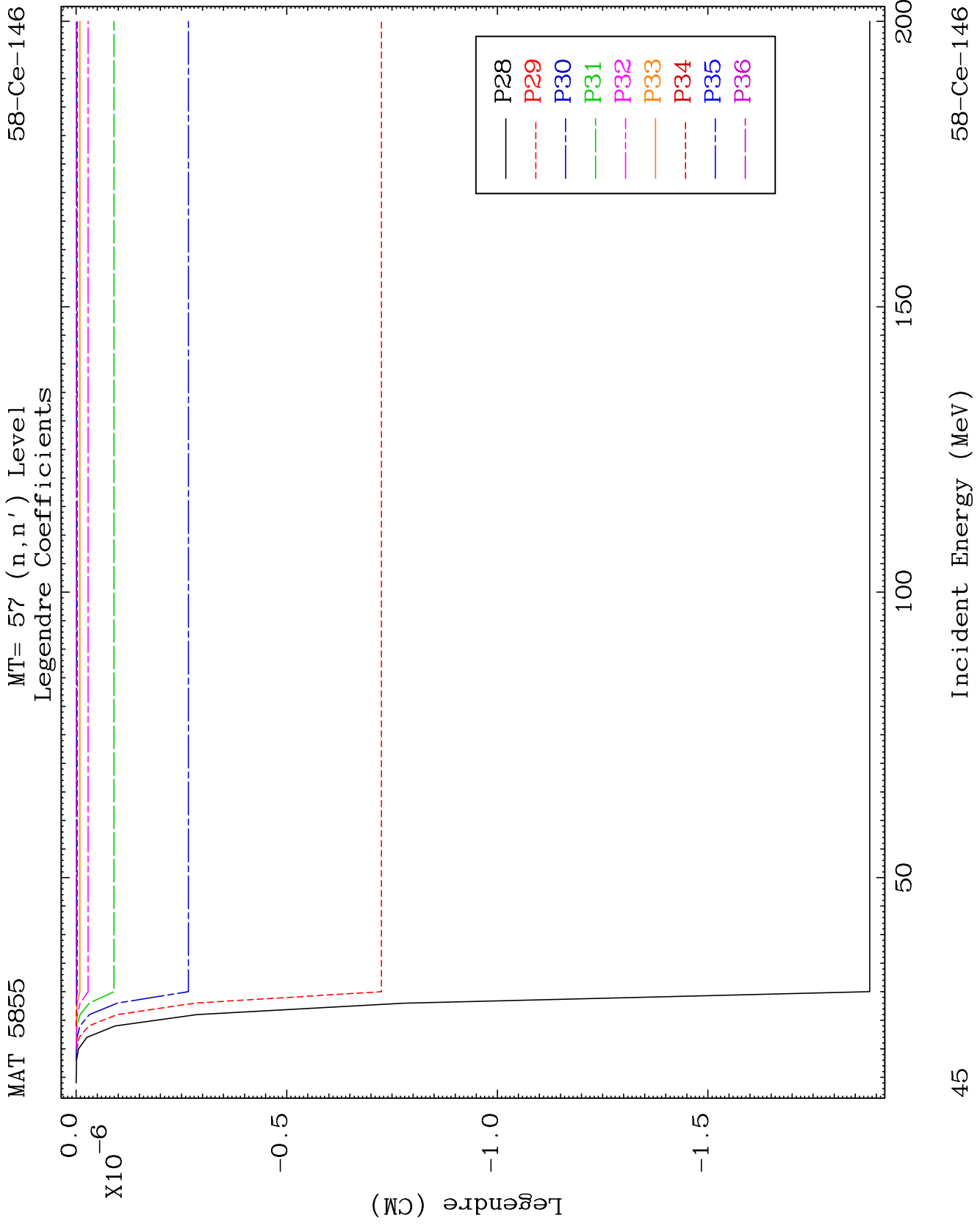
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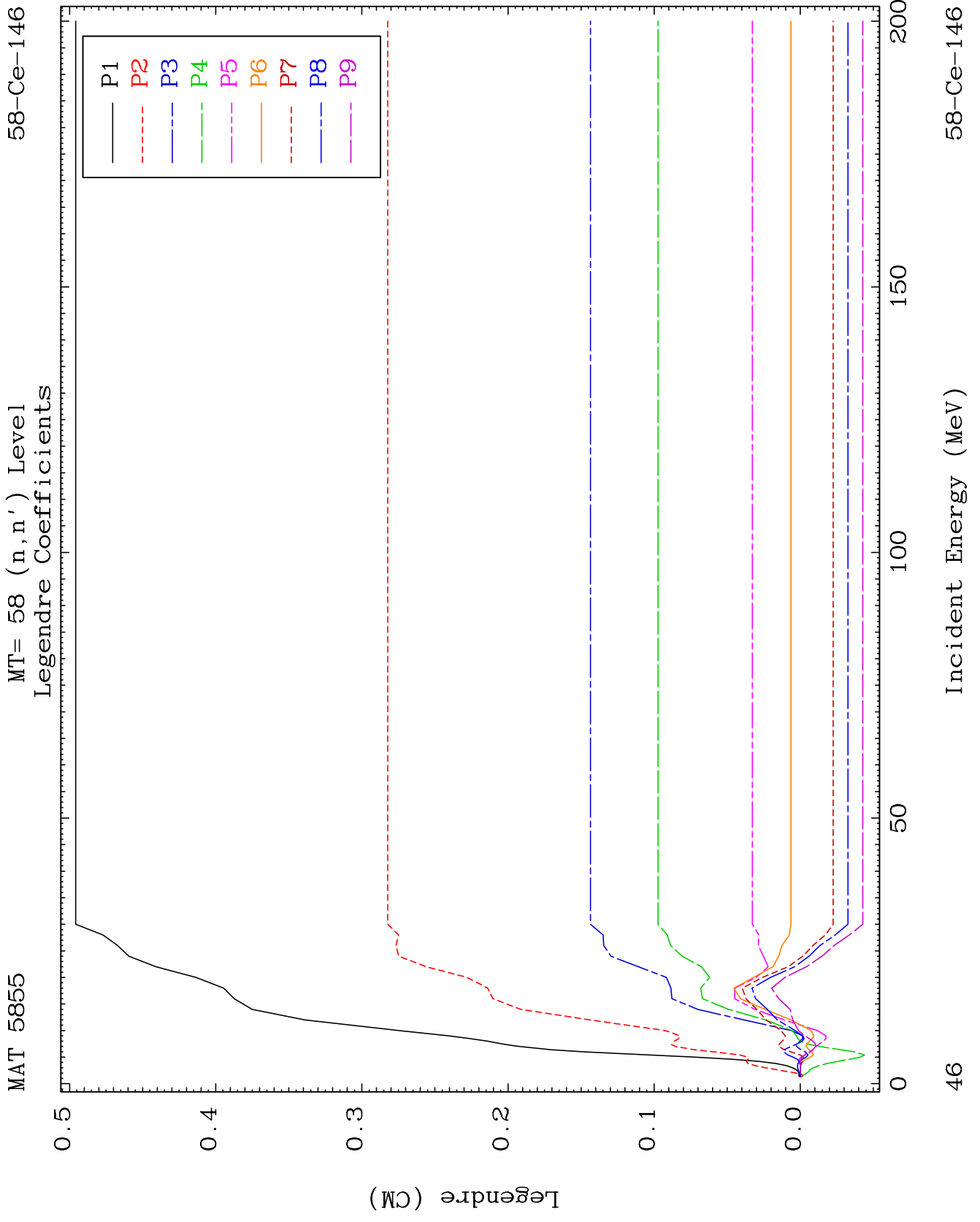
MAT 5855

MT= 57 (n,n') Level
Legendre Coefficients

58-Ce-146



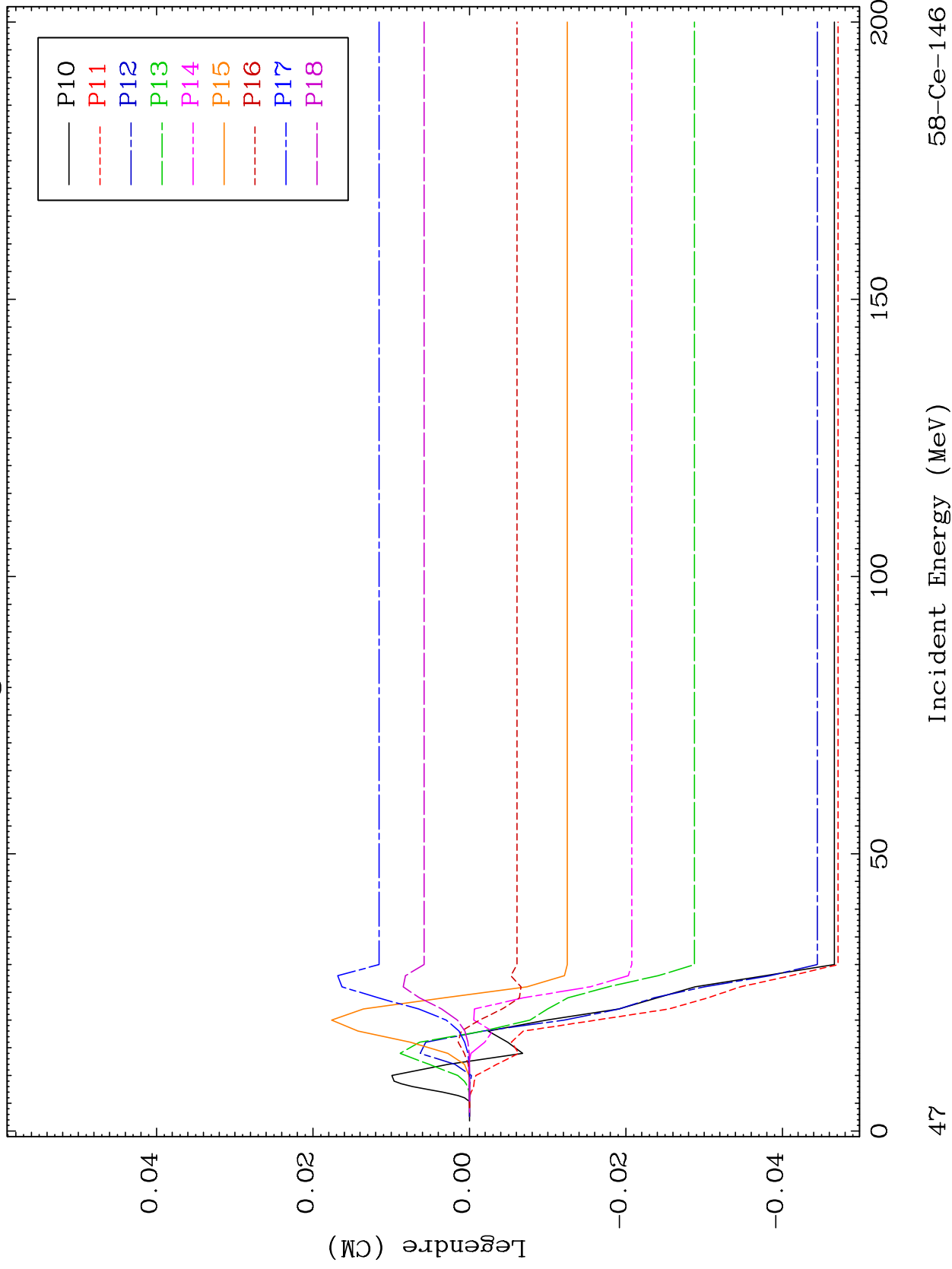




MAT 5855

MT= 58 (n,n') Level
Legendre Coefficients

58-Ce-146



47

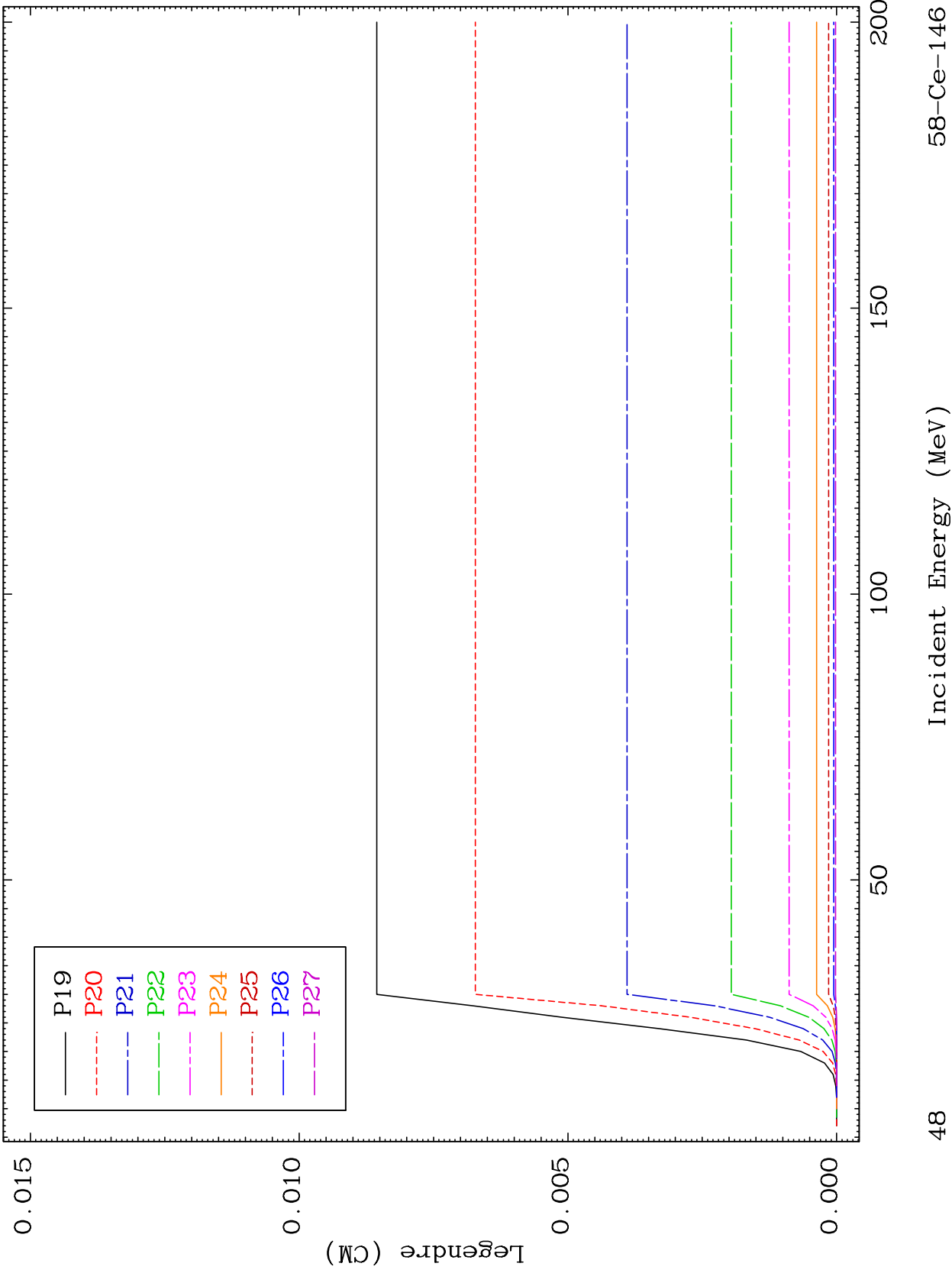
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 58 (n,n') Level
Legendre Coefficients

58-Ce-146



48

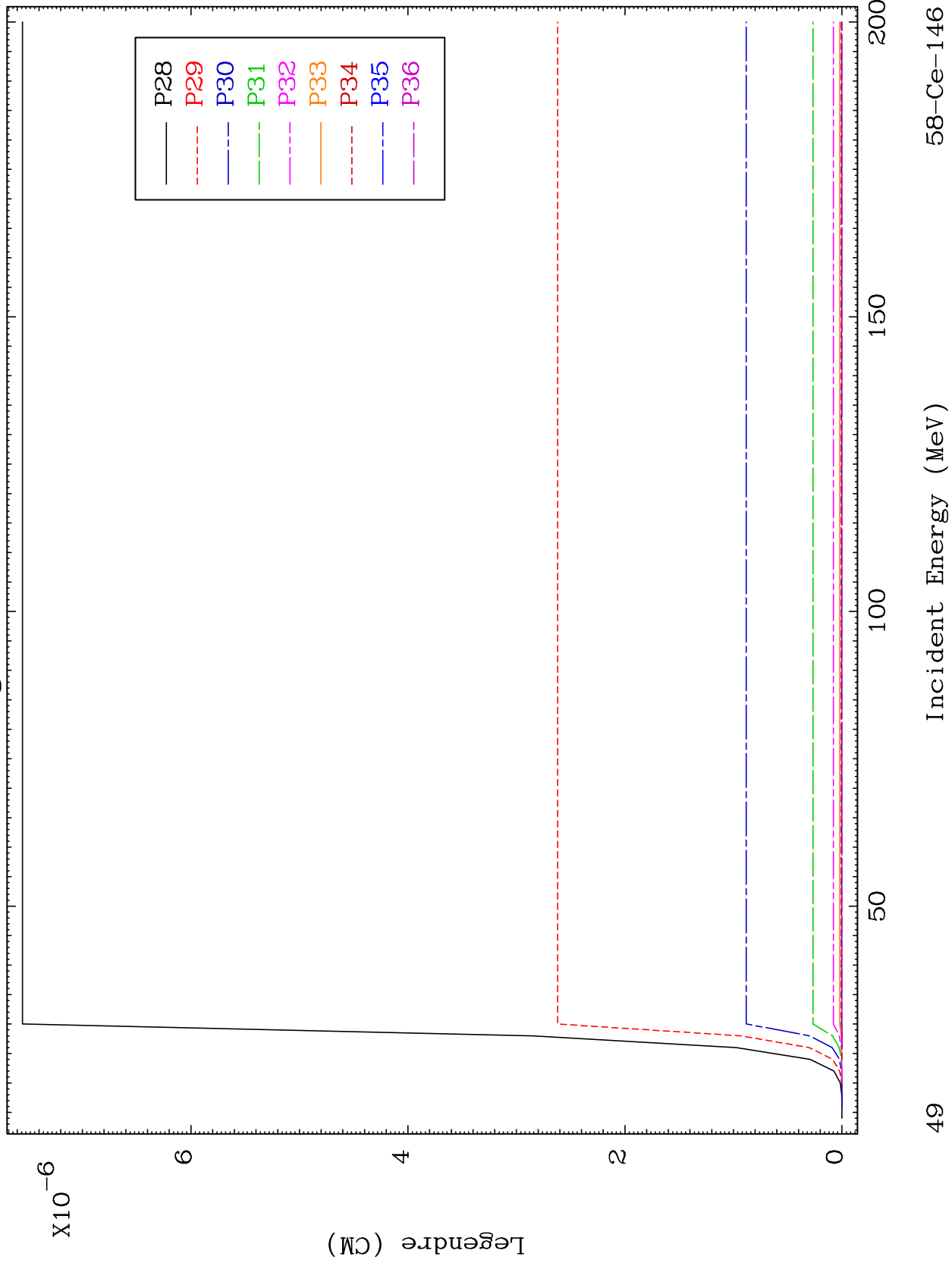
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 58 (n,n') Level
Legendre Coefficients

58-Ce-146



49

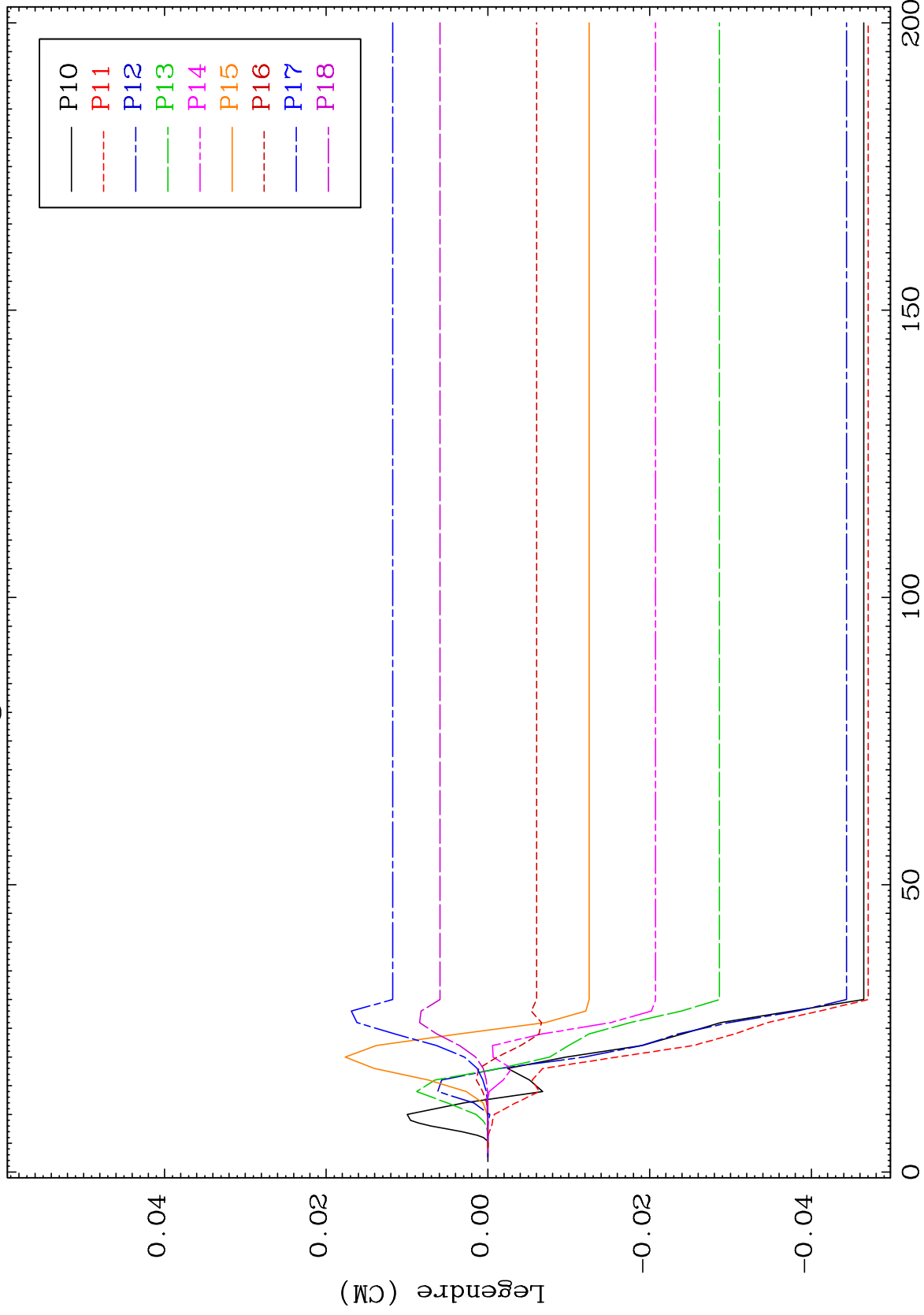
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 59 (n,n') Level
Legendre Coefficients

58-Ce-146



51

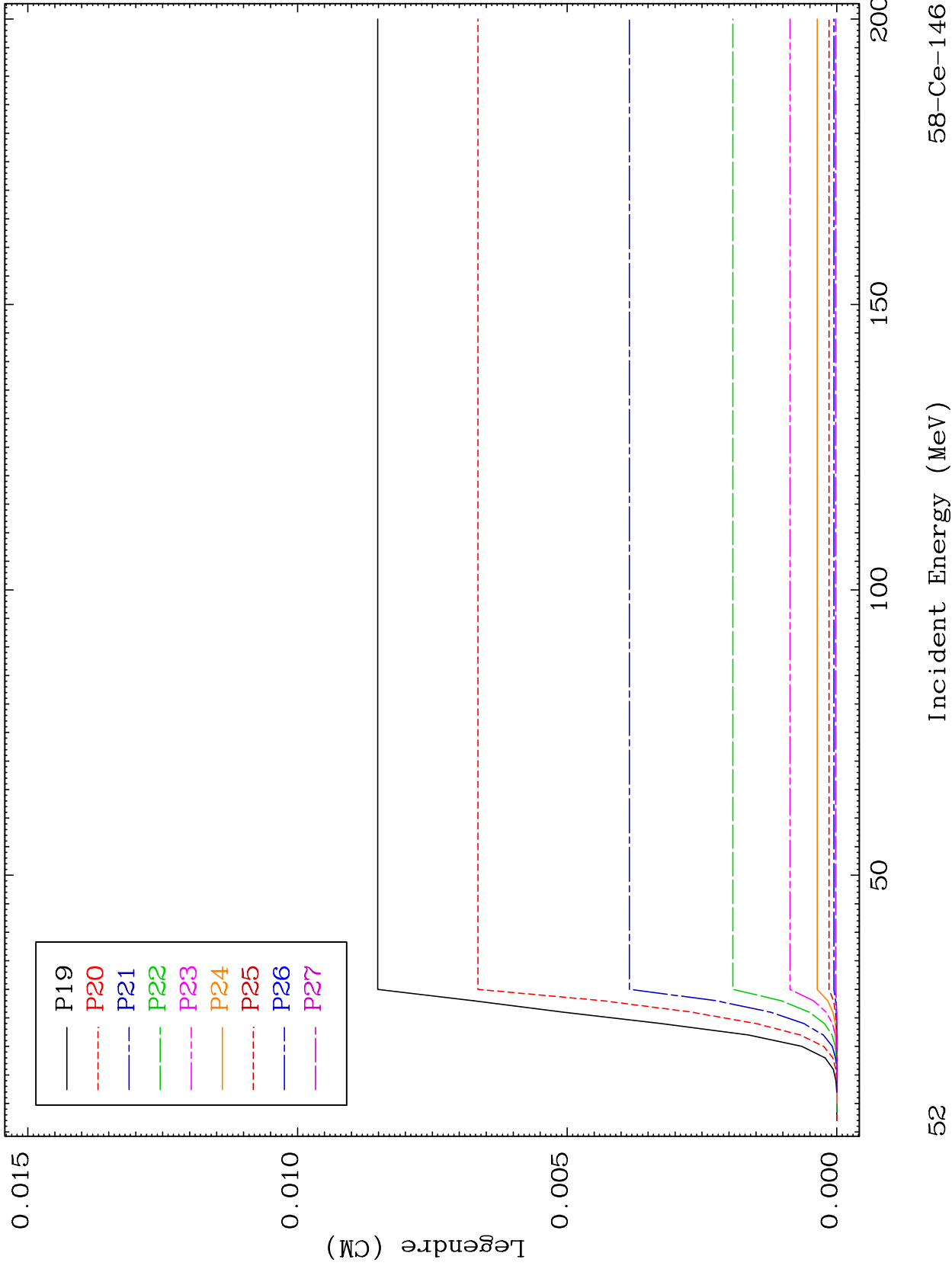
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 59 (n,n') Level
Legendre Coefficients

58-Ce-146



52

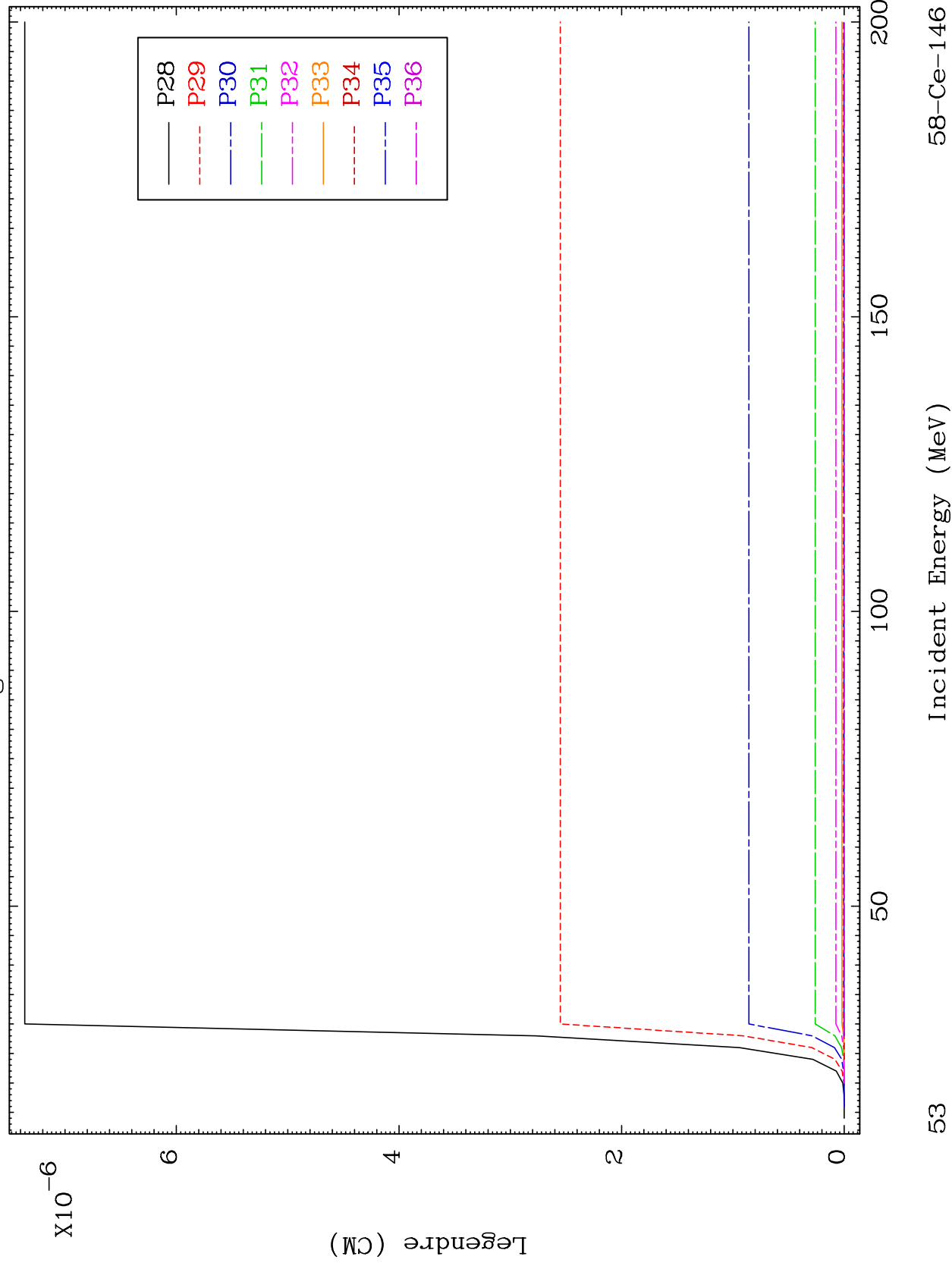
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 59 (n,n') Level
Legendre Coefficients

58-Ce-146



53

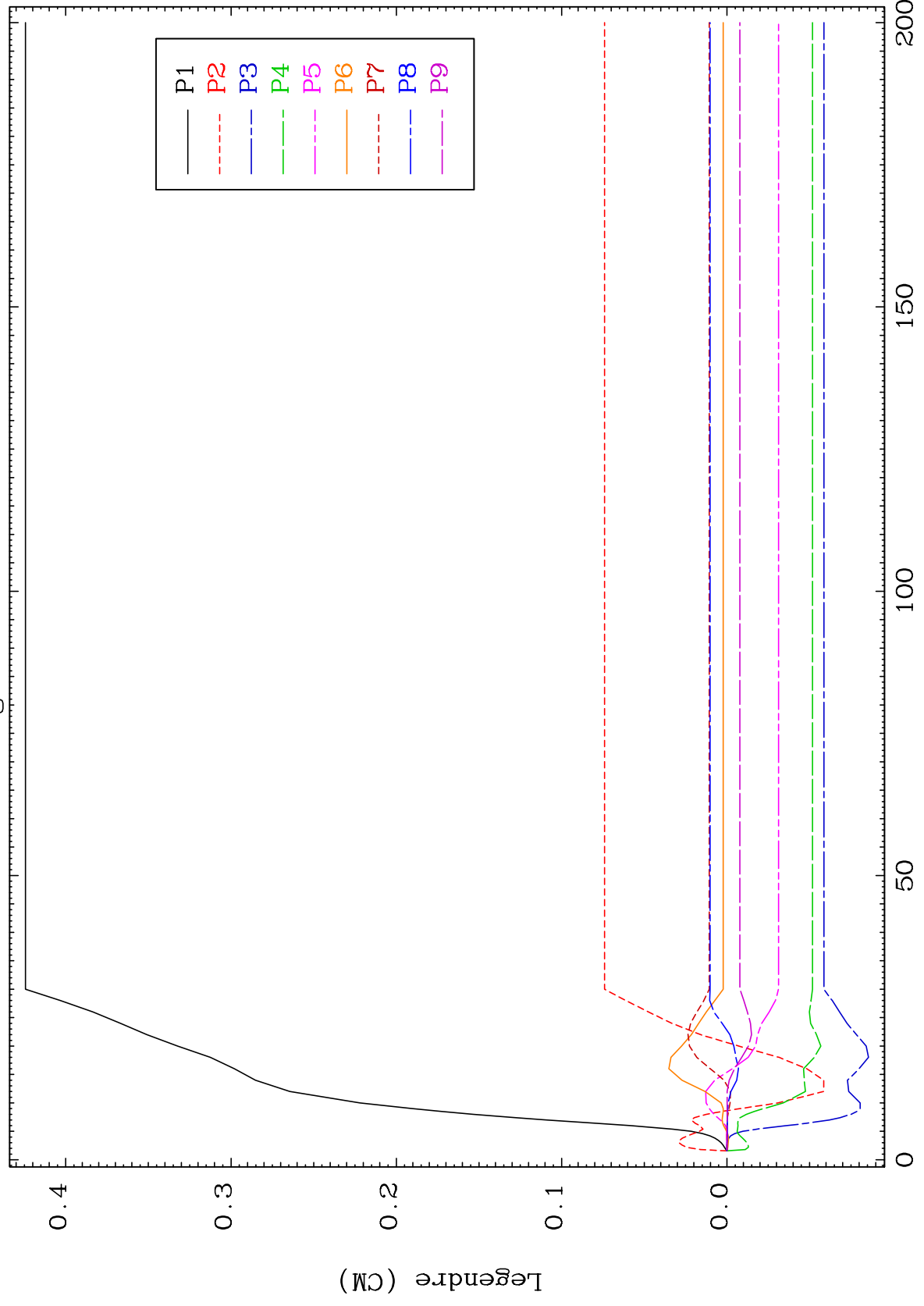
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 60 (n,n') Level
Legendre Coefficients

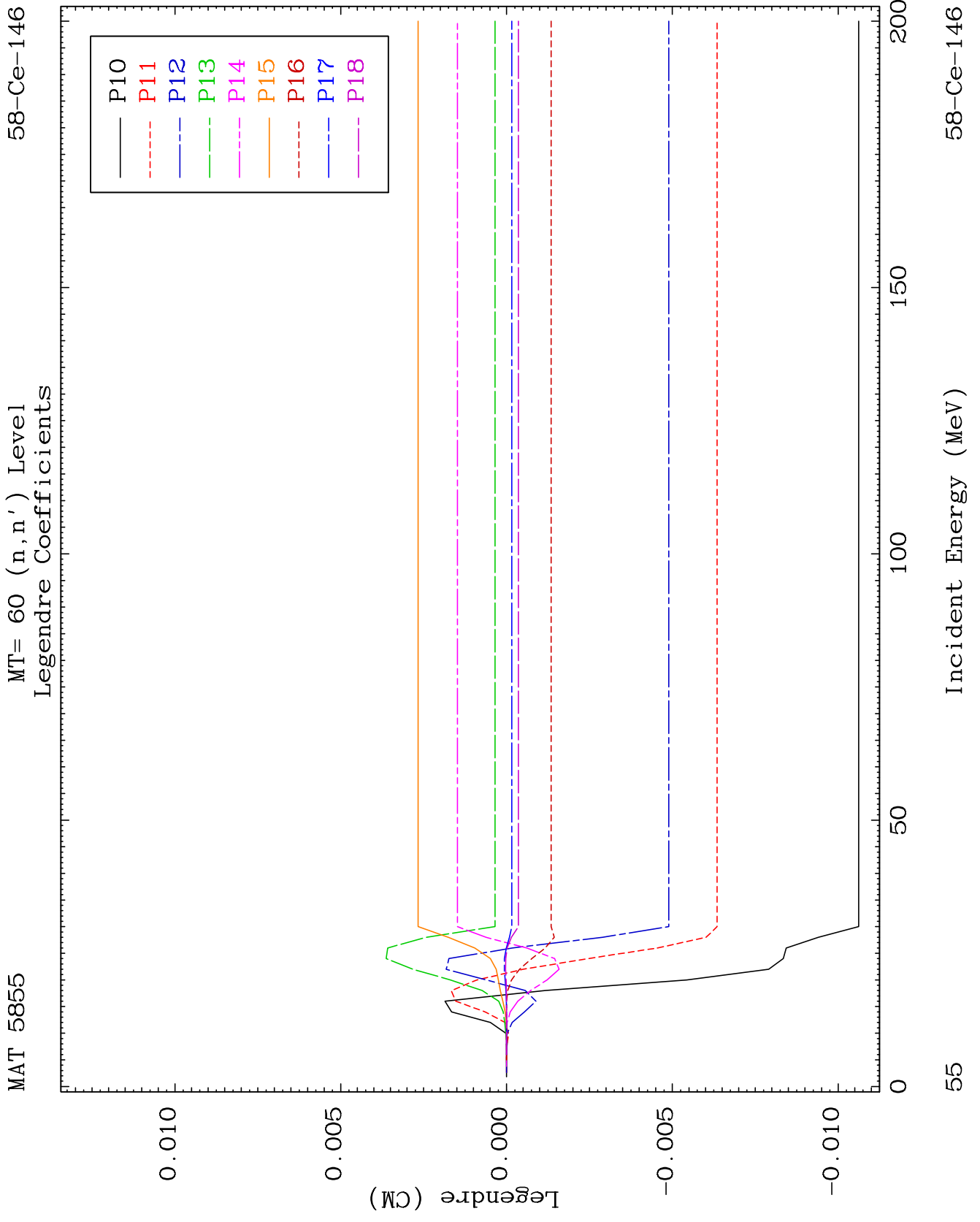
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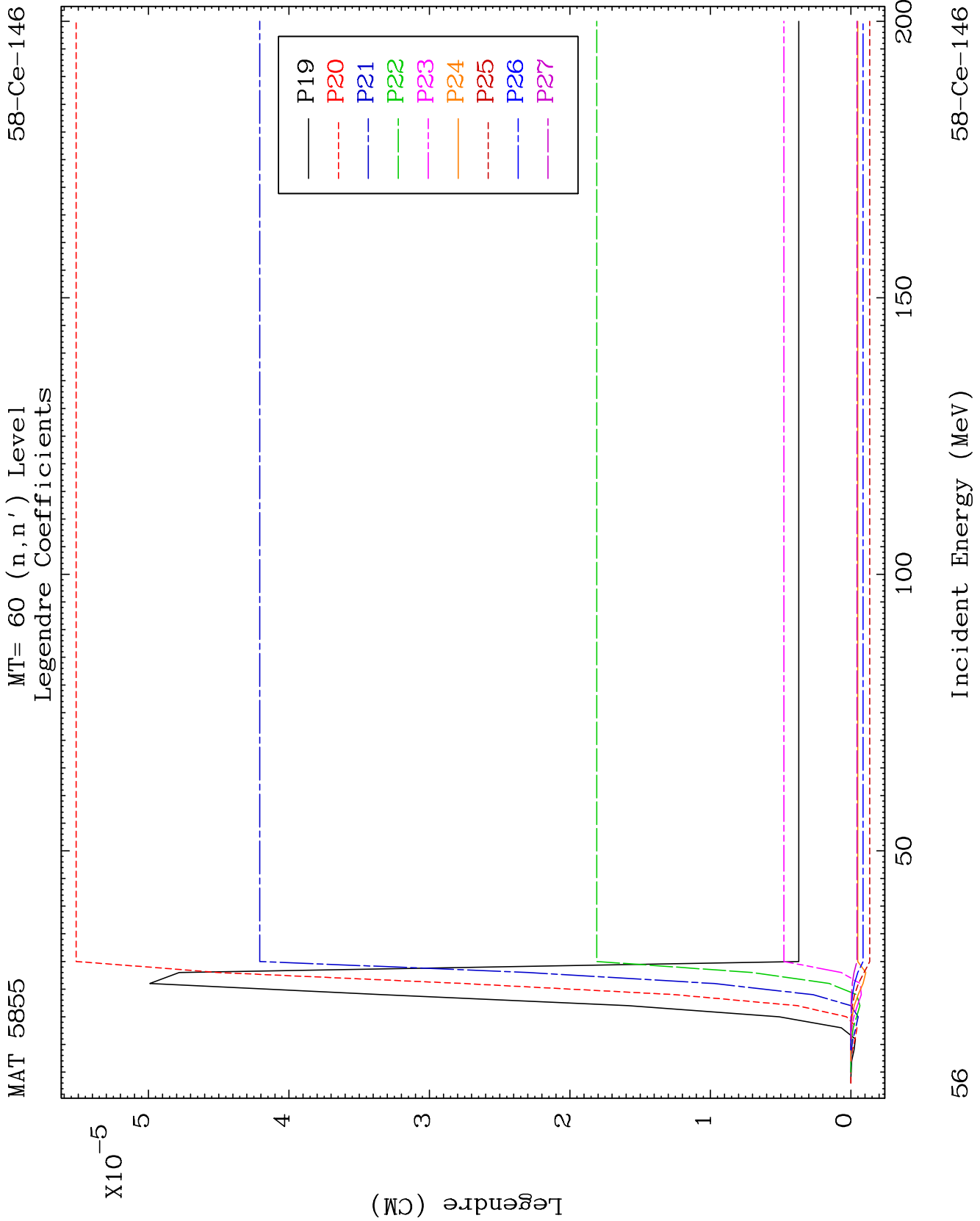


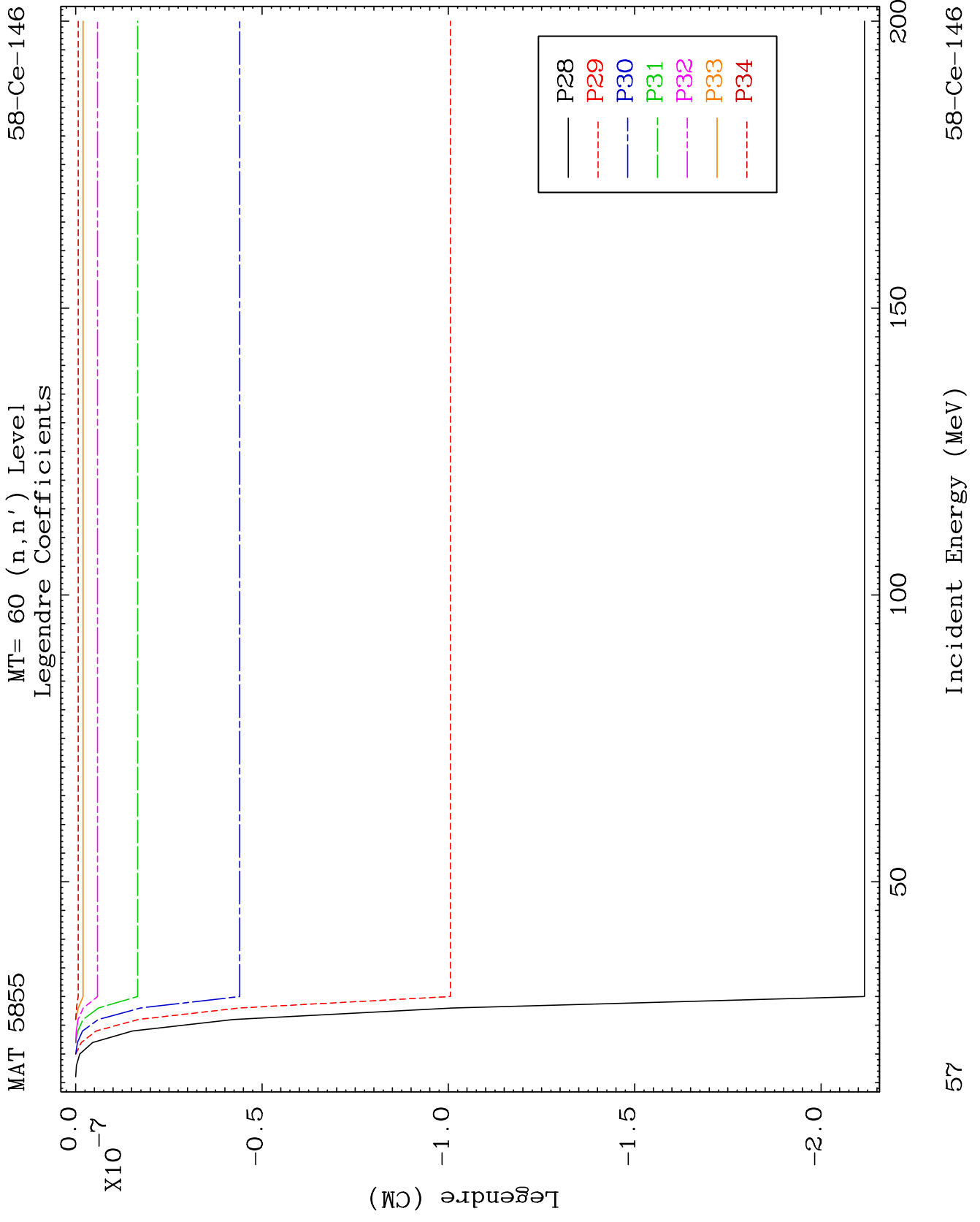
58-Ce-146

Incident Energy (MeV)

54



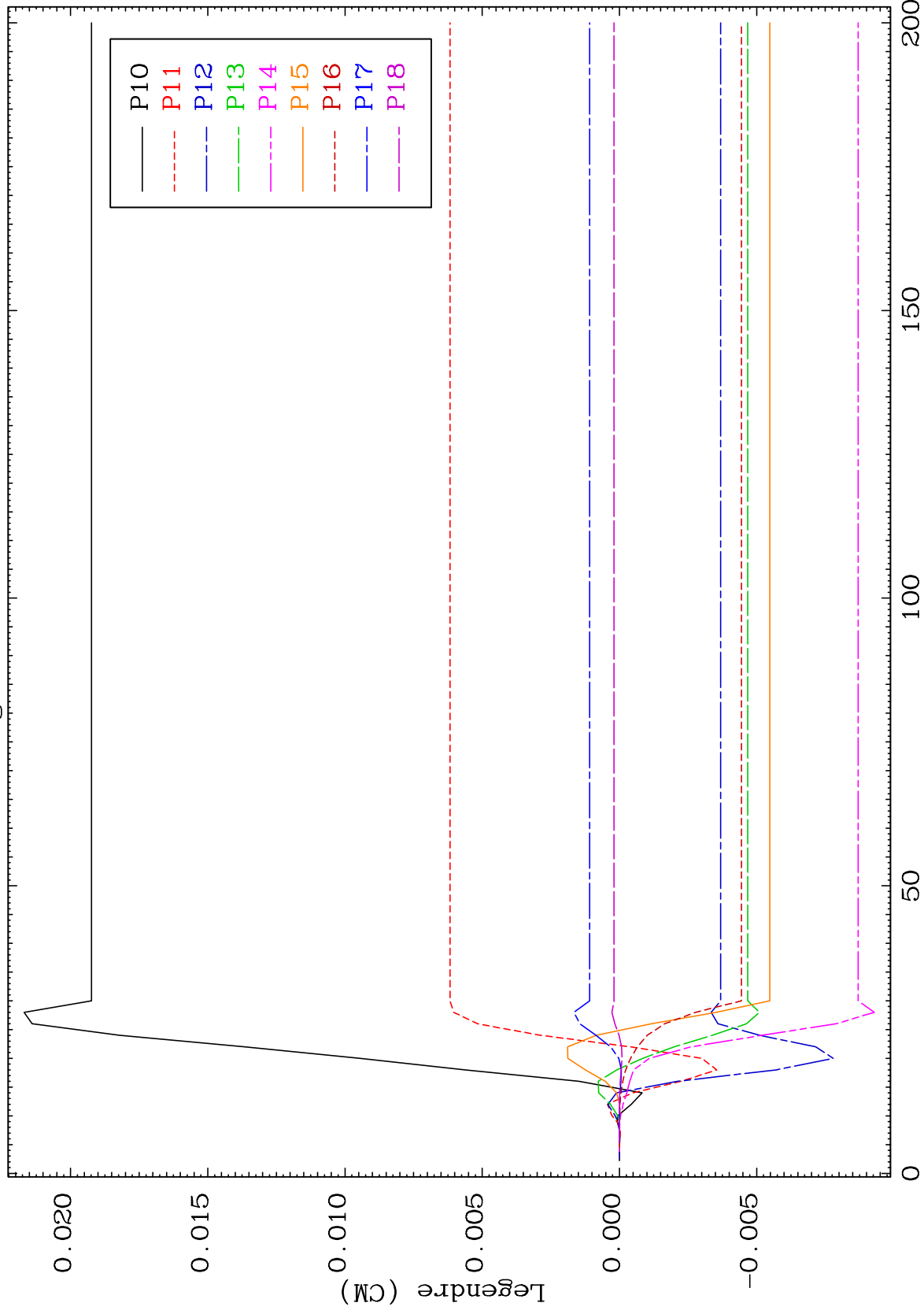




MAT 5855

MT= 61 (n,n') Level
Legendre Coefficients

58-Ce-146



59

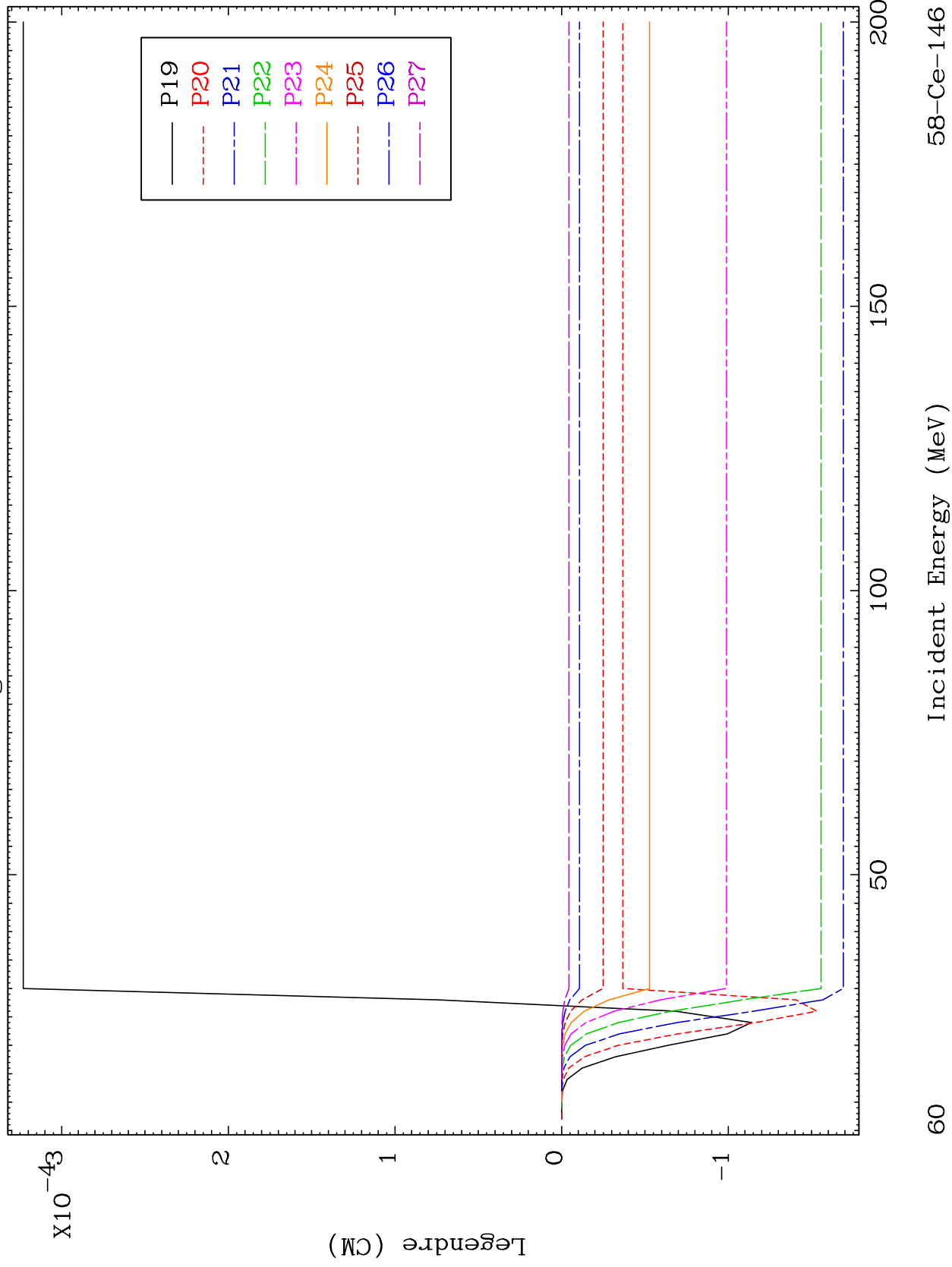
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 61 (n,n') Level
Legendre Coefficients

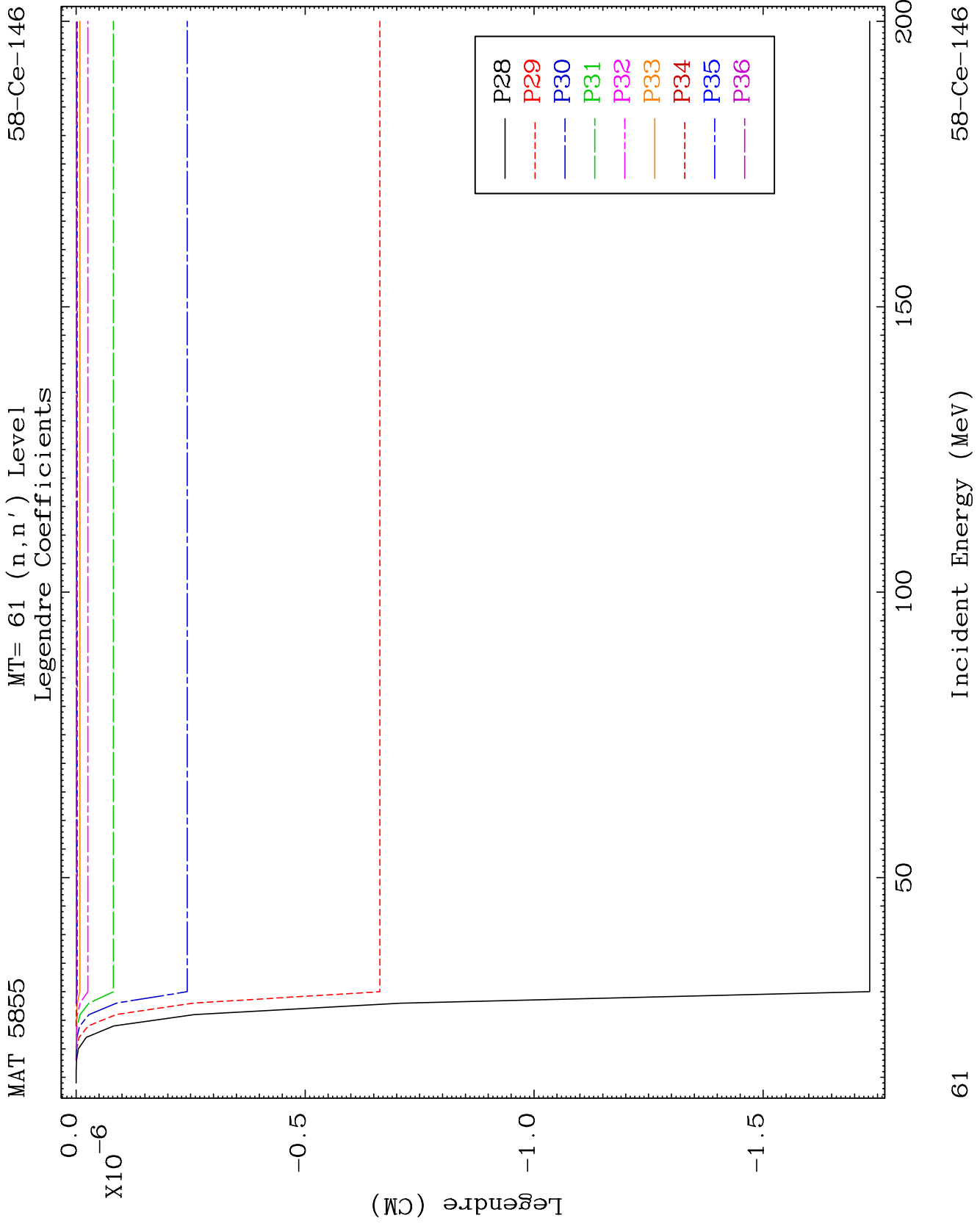
58-Ce-146

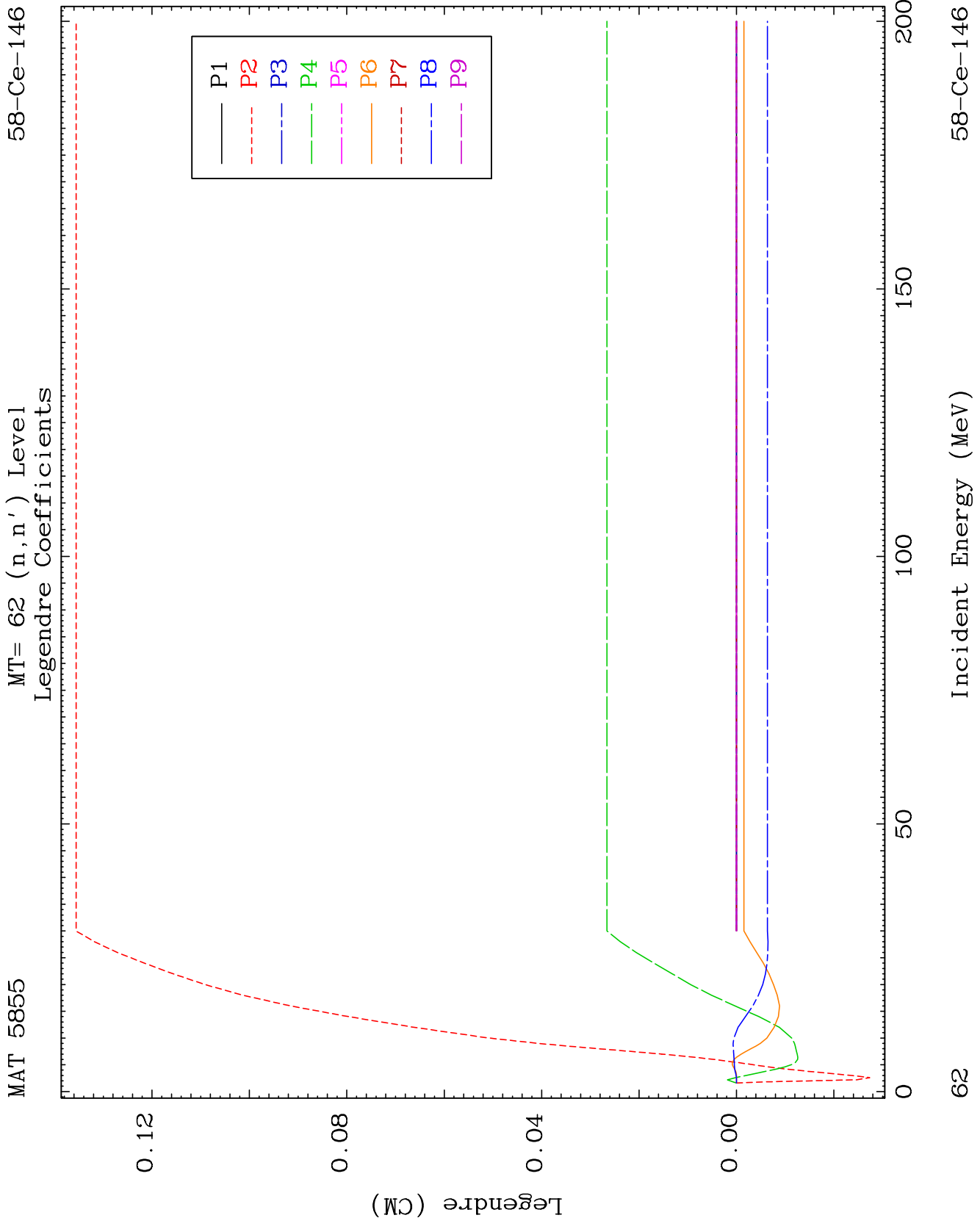


58-Ce-146

Incident Energy (MeV)

60

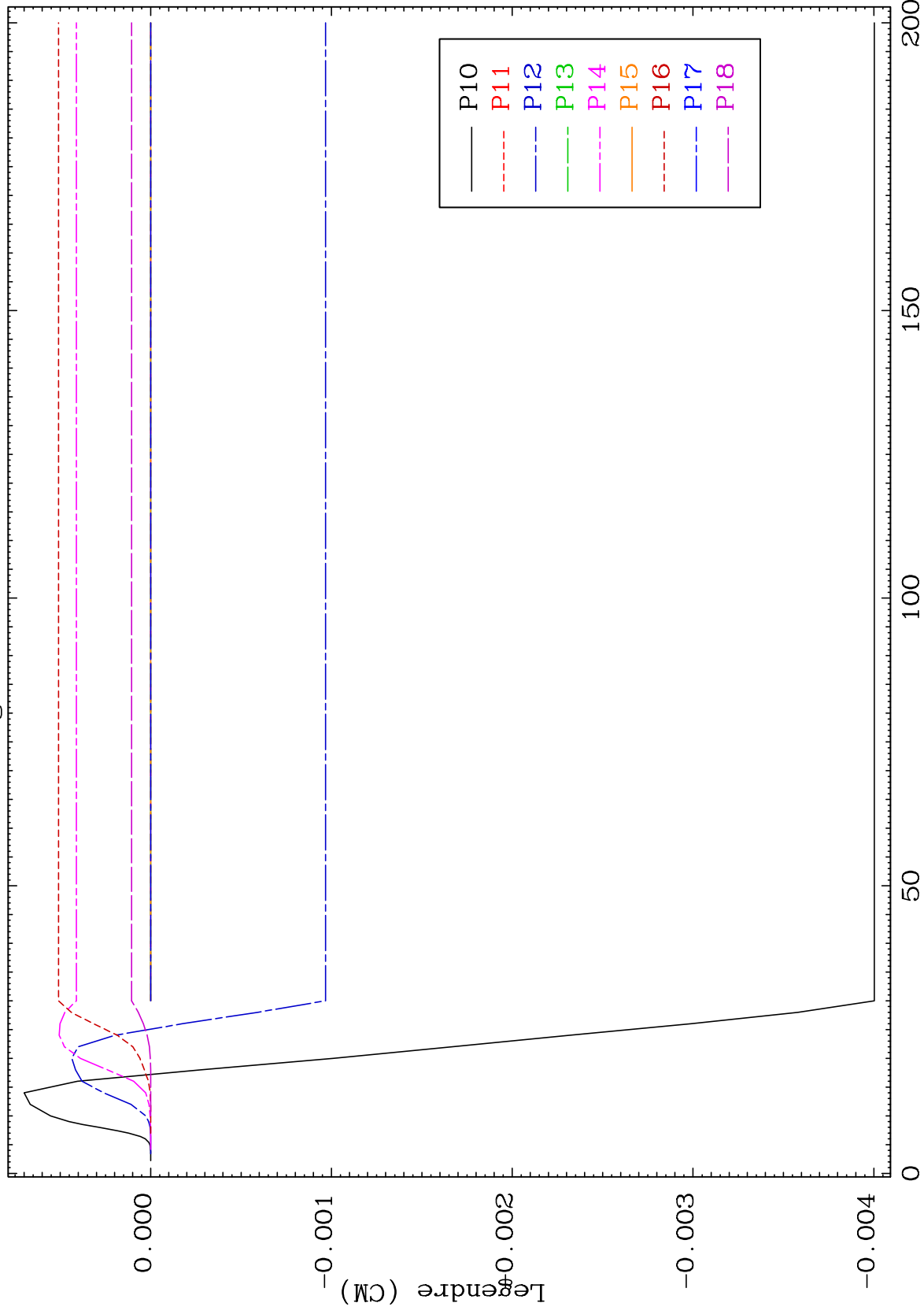




MAT 5855

MT= 62 (n,n') Level
Legendre Coefficients

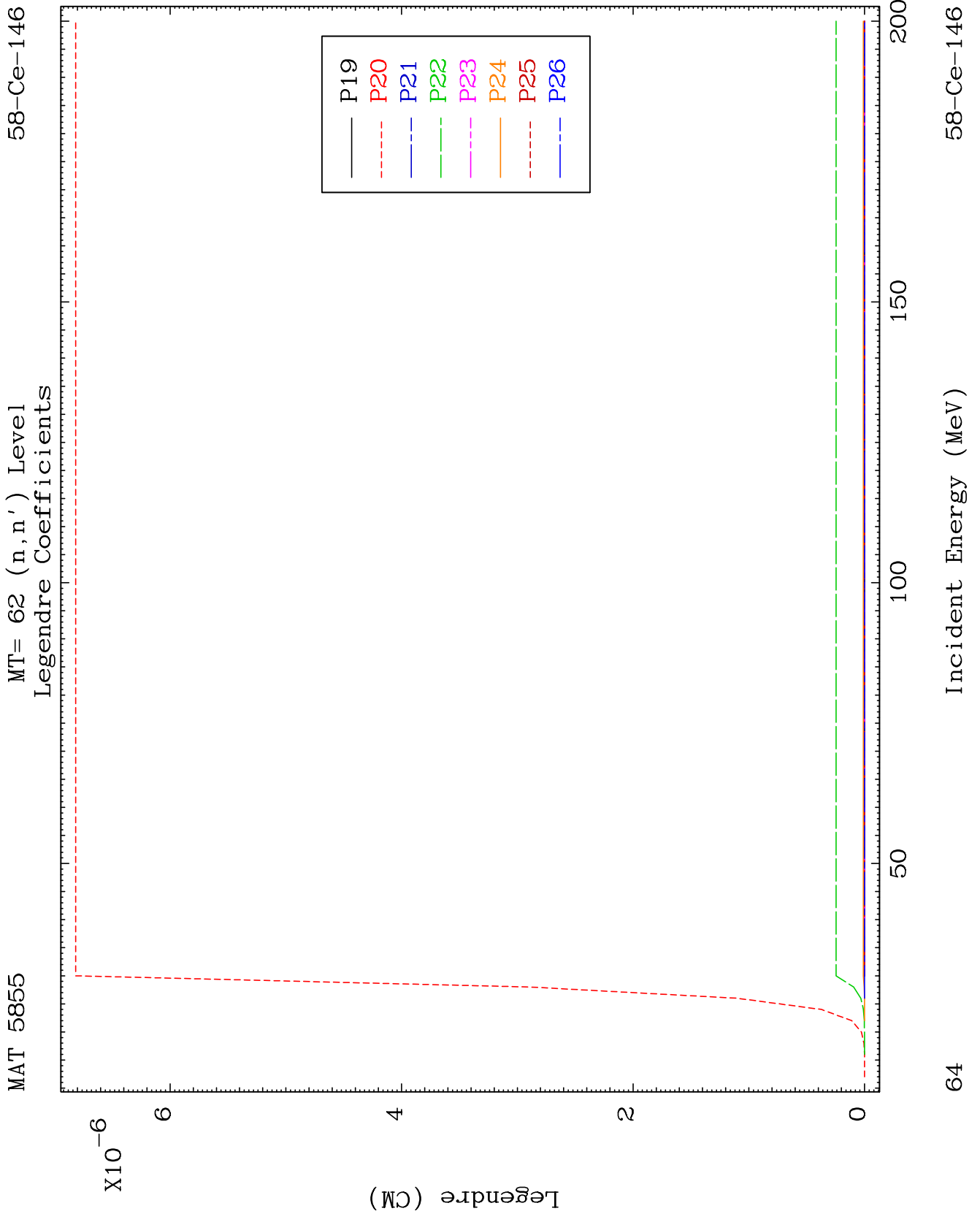
58-Ce-146



63

Incident Energy (MeV)

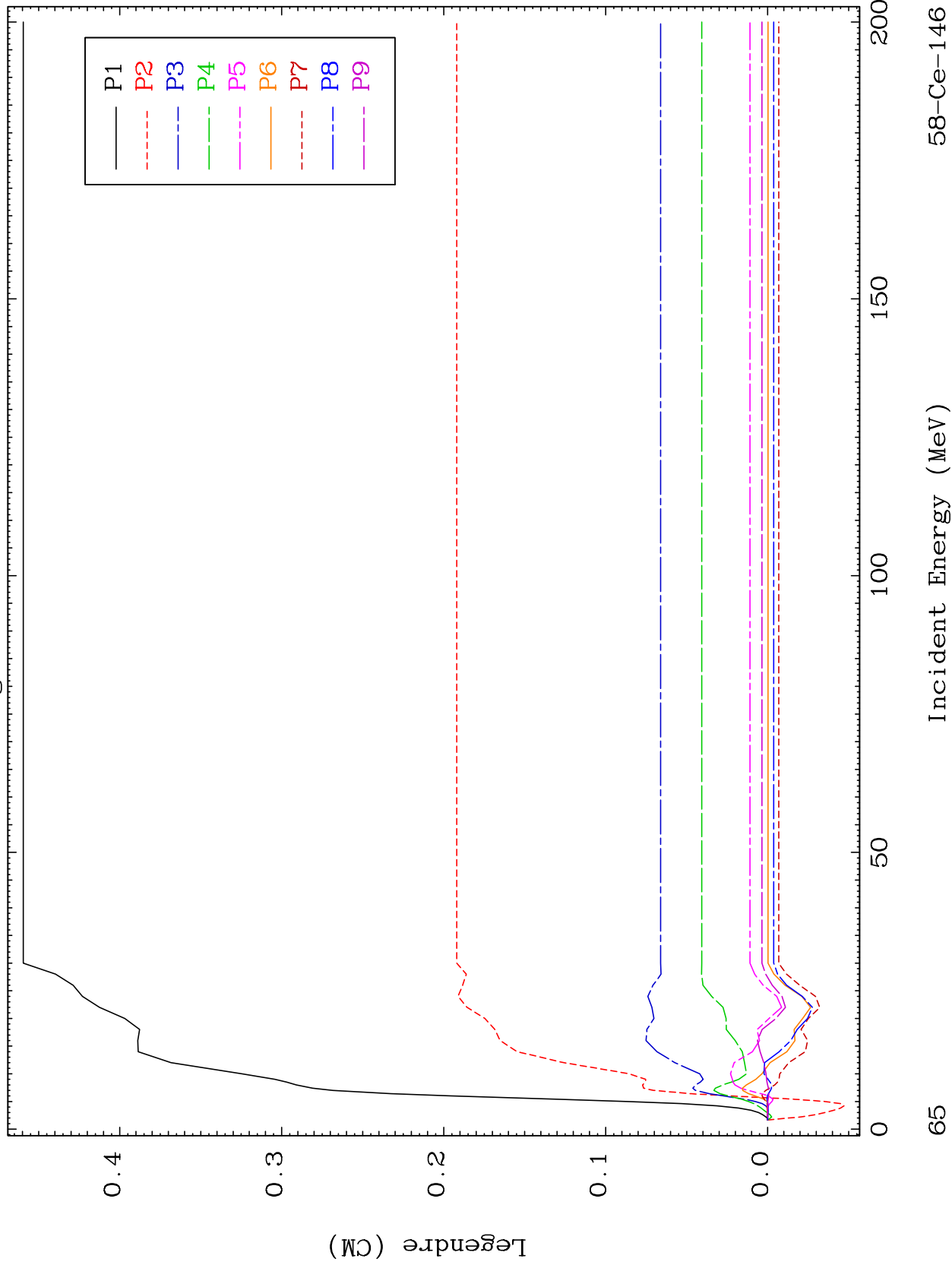
58-Ce-146



MAT 5855

MT= 63 (n,n') Level
Legendre Coefficients

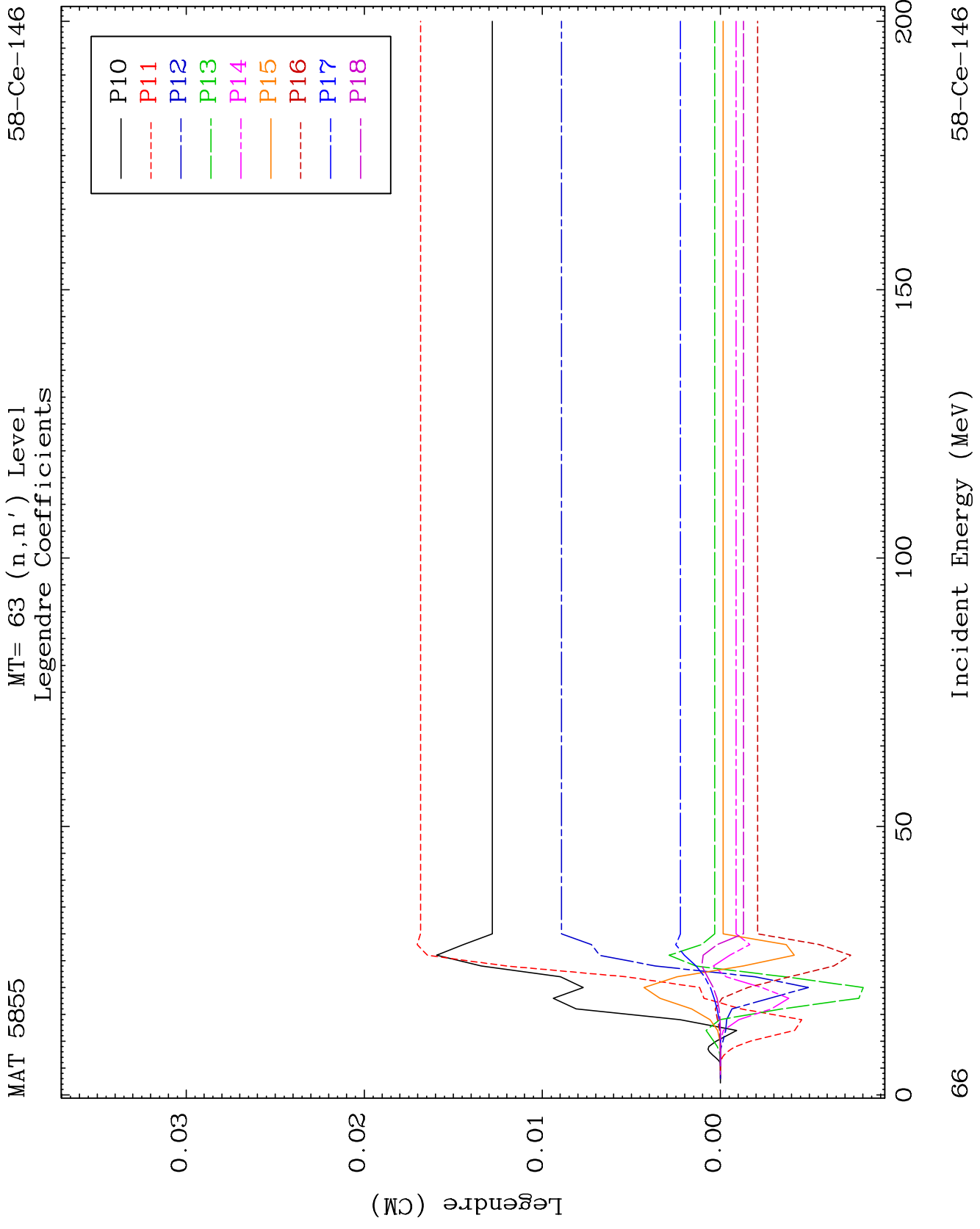
58-Ce-146



58-Ce-146

Incident Energy (MeV)

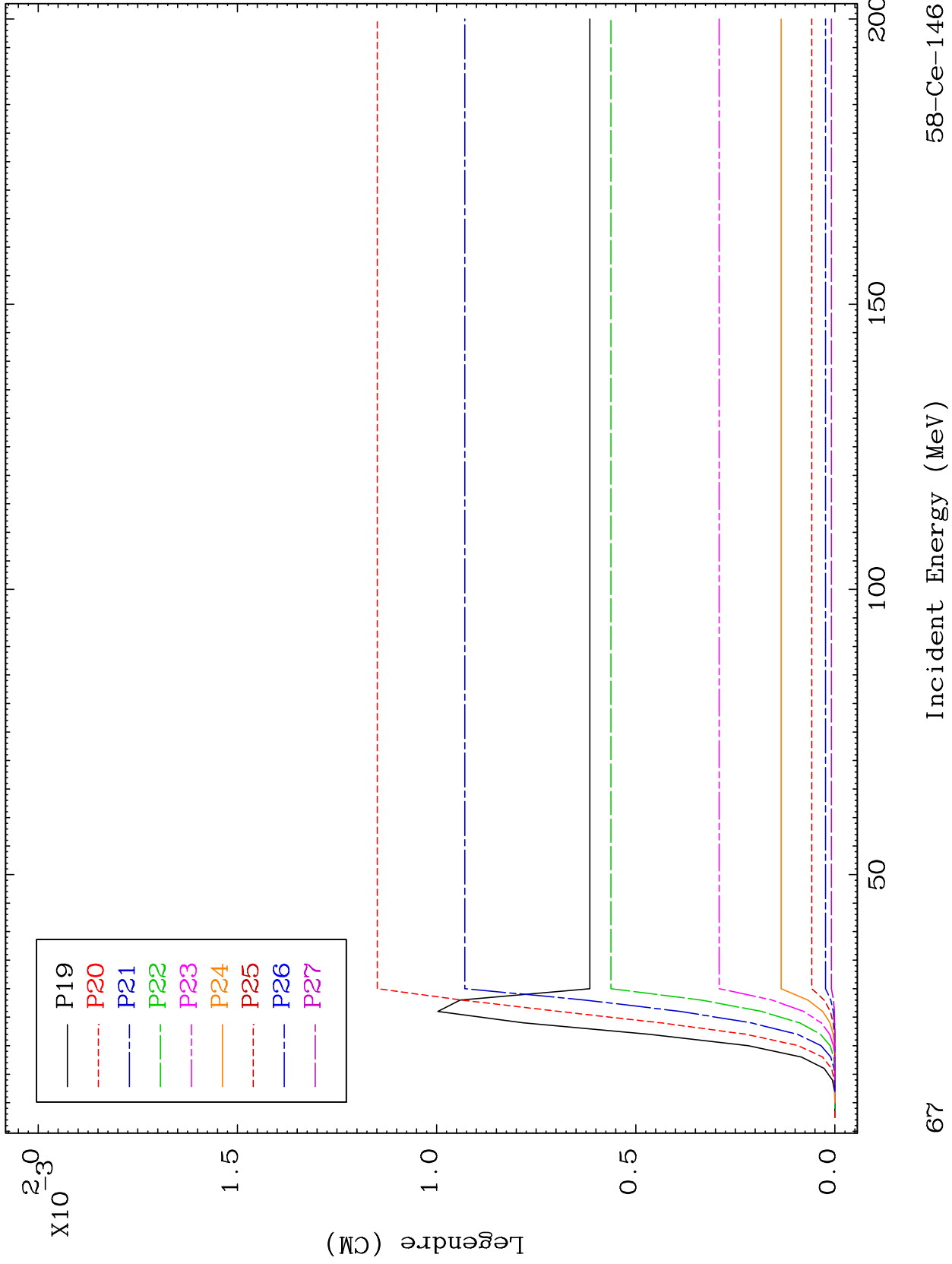
65



MAT 5855

MT= 63 (n,n') Level
Legendre Coefficients

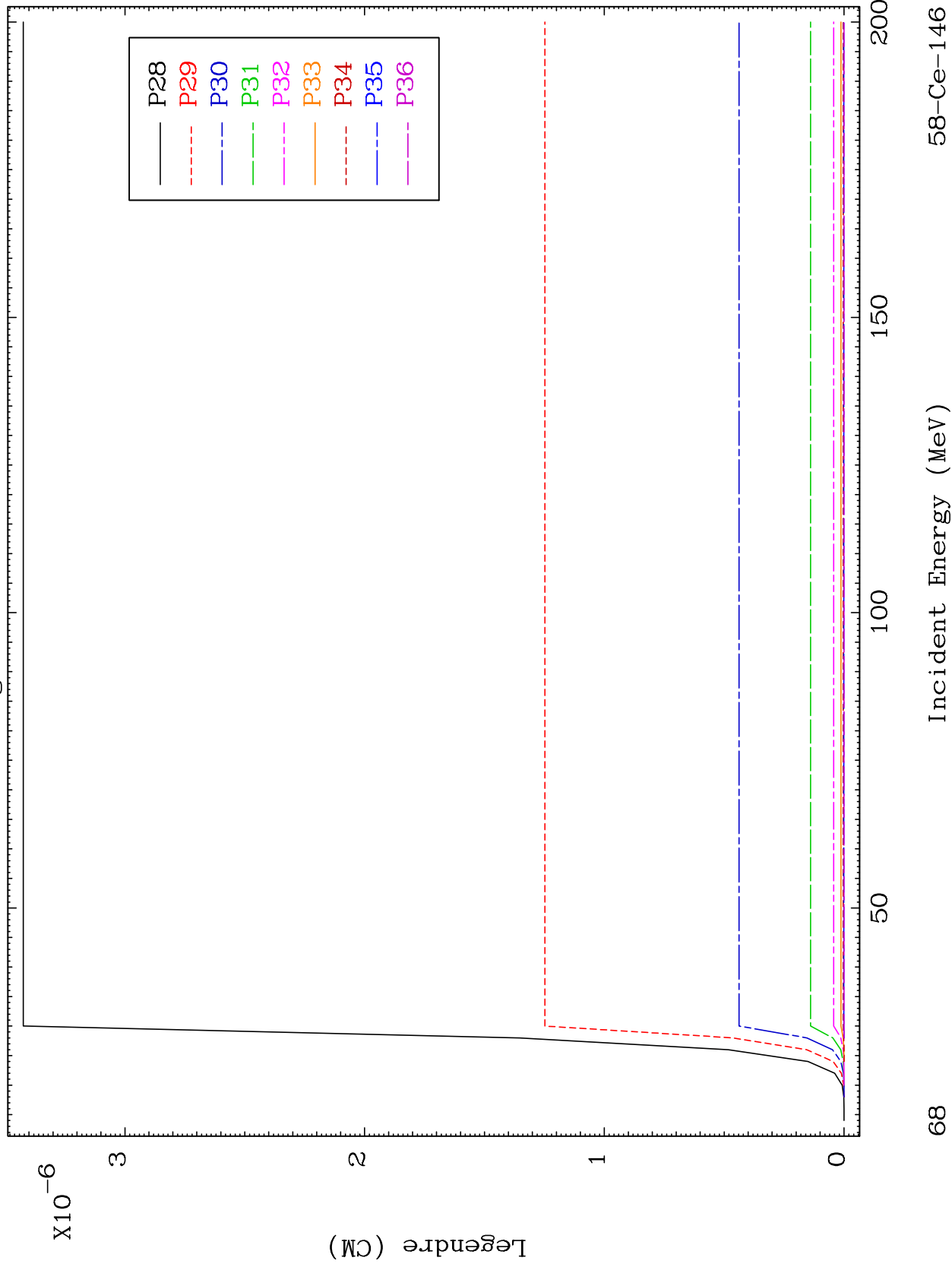
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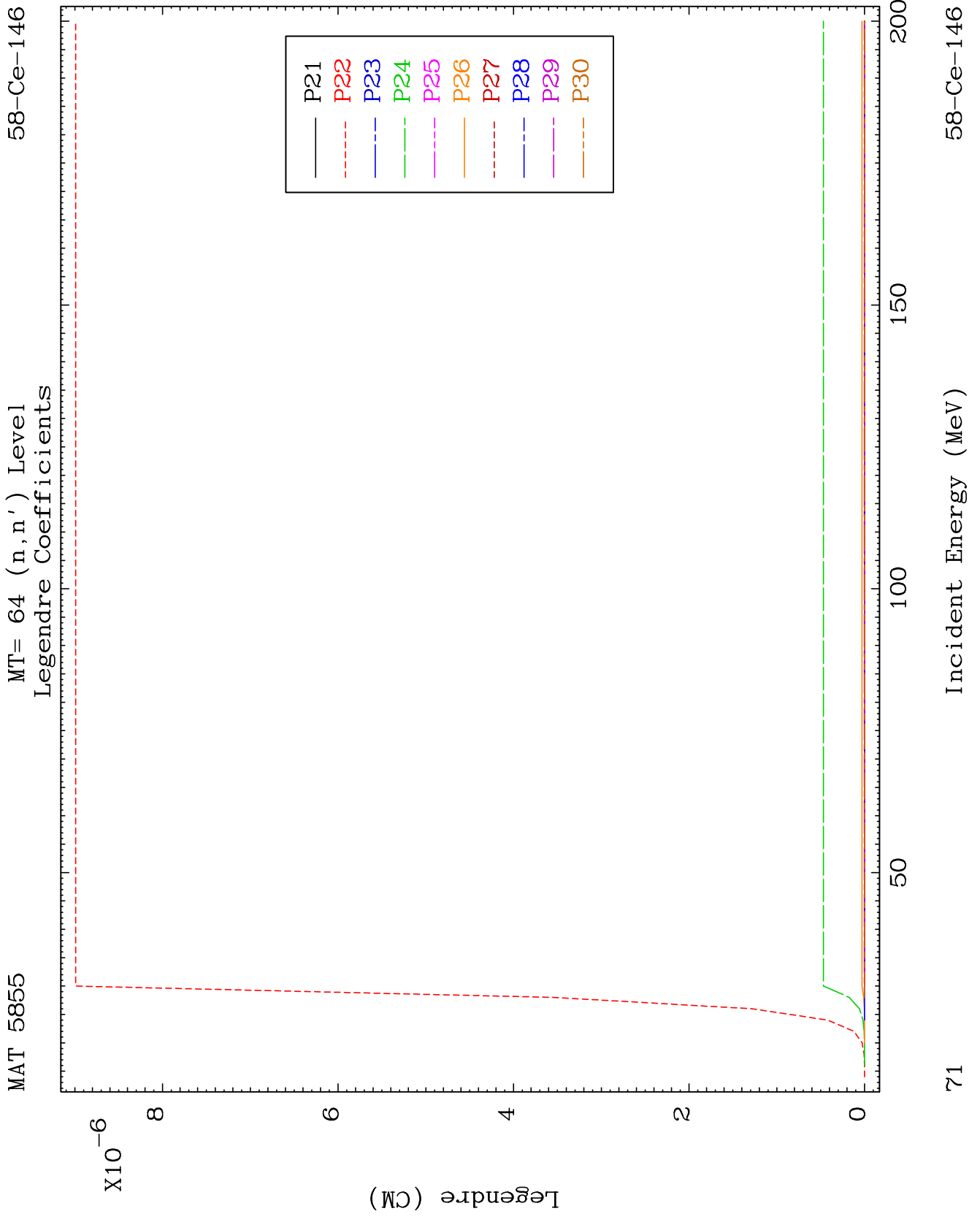


MAT 5855

MT= 63 (n,n') Level
Legendre Coefficients

58-Ce-146

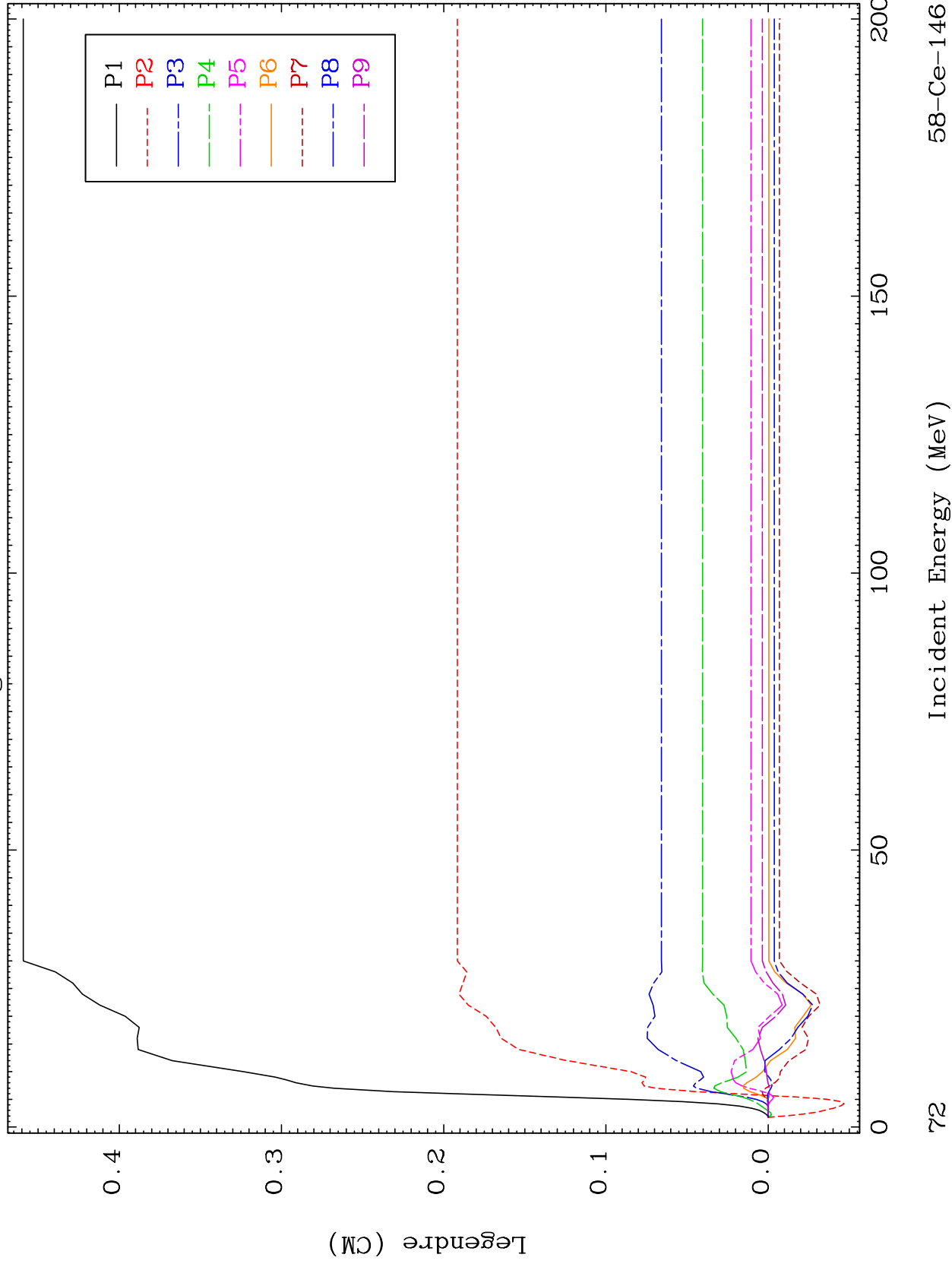




MAT 5855

MT= 65 (n,n') Level
Legendre Coefficients

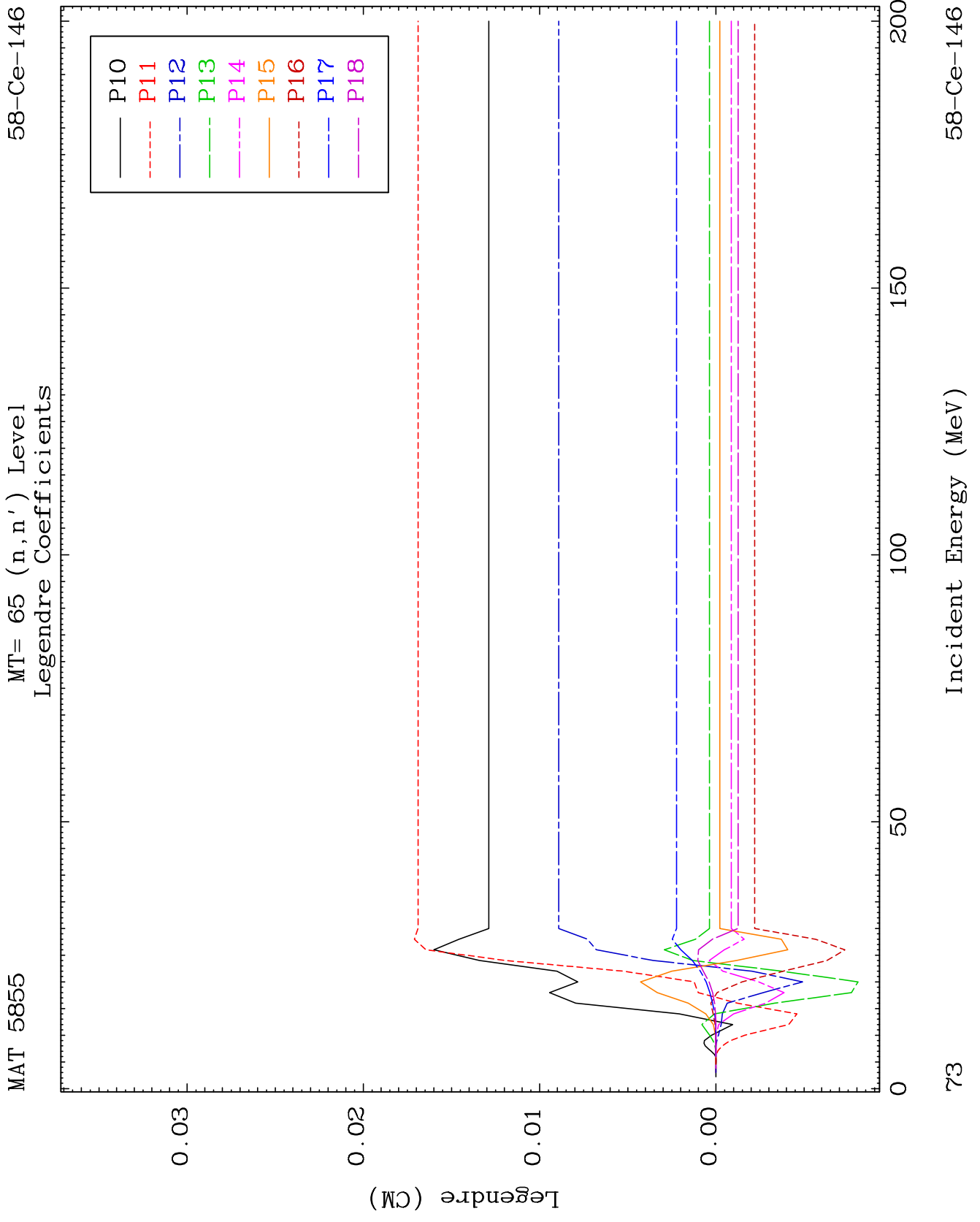
58-Ce-146



58-Ce-146

Incident Energy (MeV)

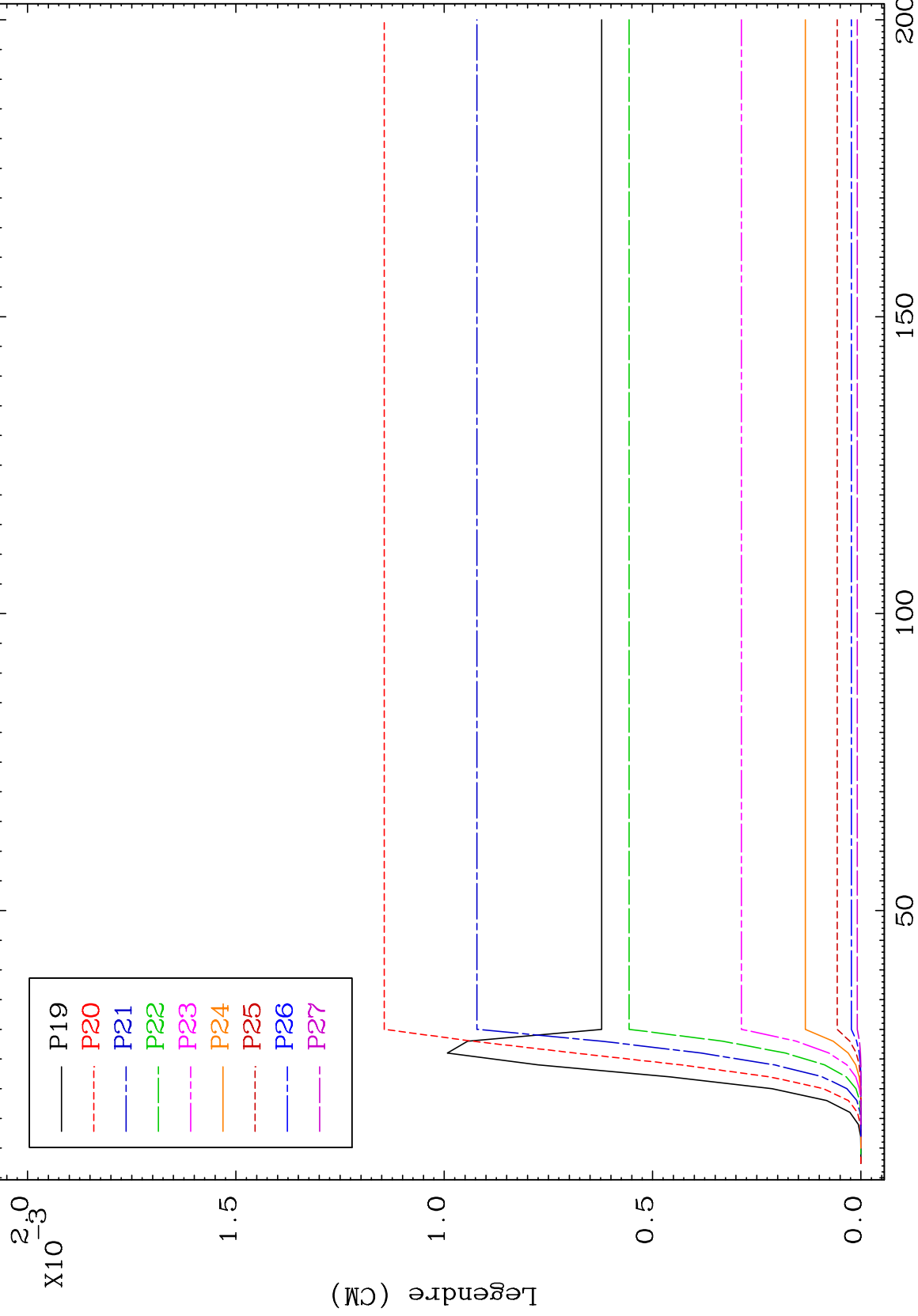
72



MAT 5855

MT= 65 (n,n') Level
Legendre Coefficients

58-Ce-146



74

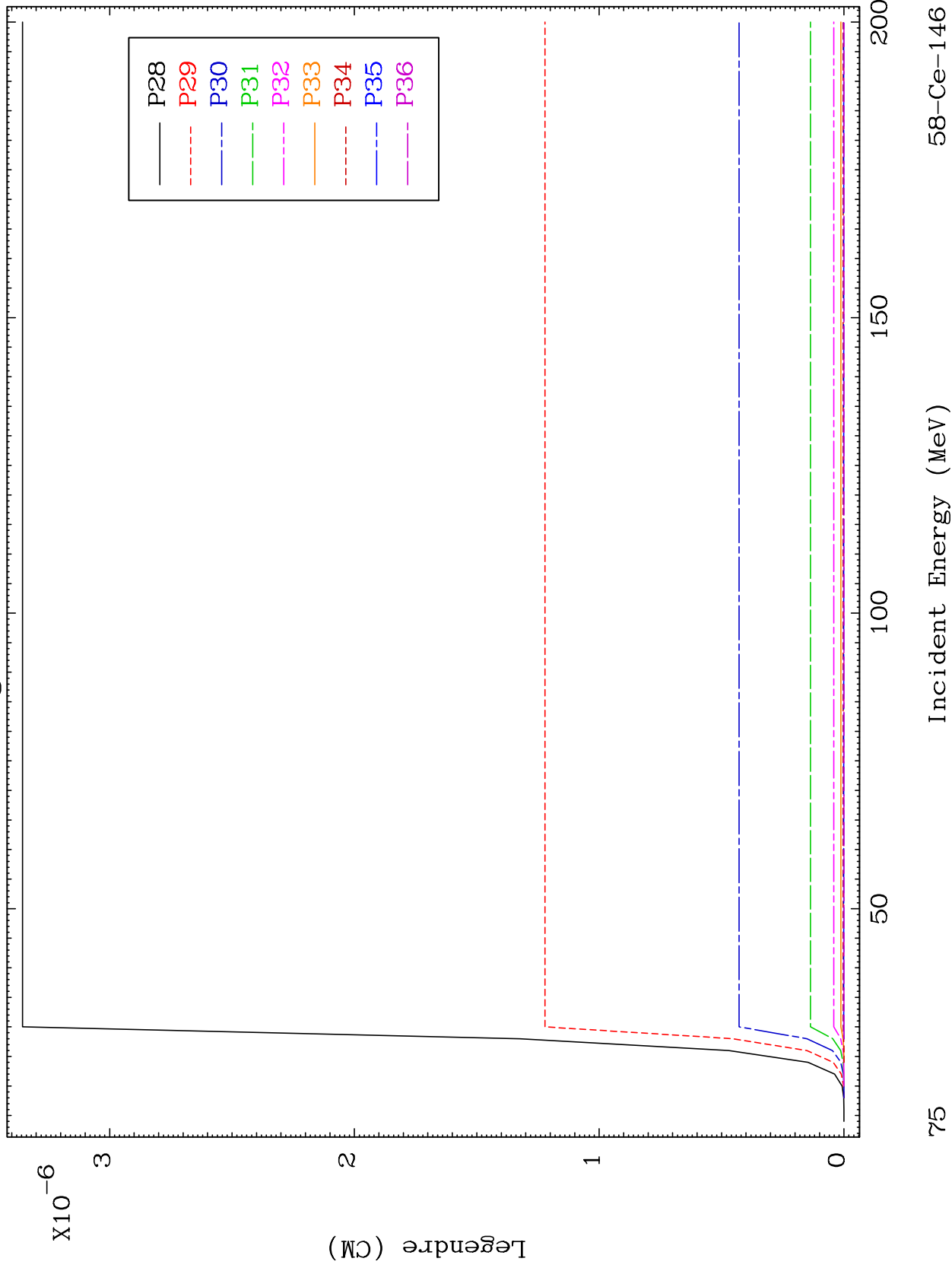
Incident Energy (MeV)

58-Ce-146

MAT 5855

MT= 65 (n,n') Level
Legendre Coefficients

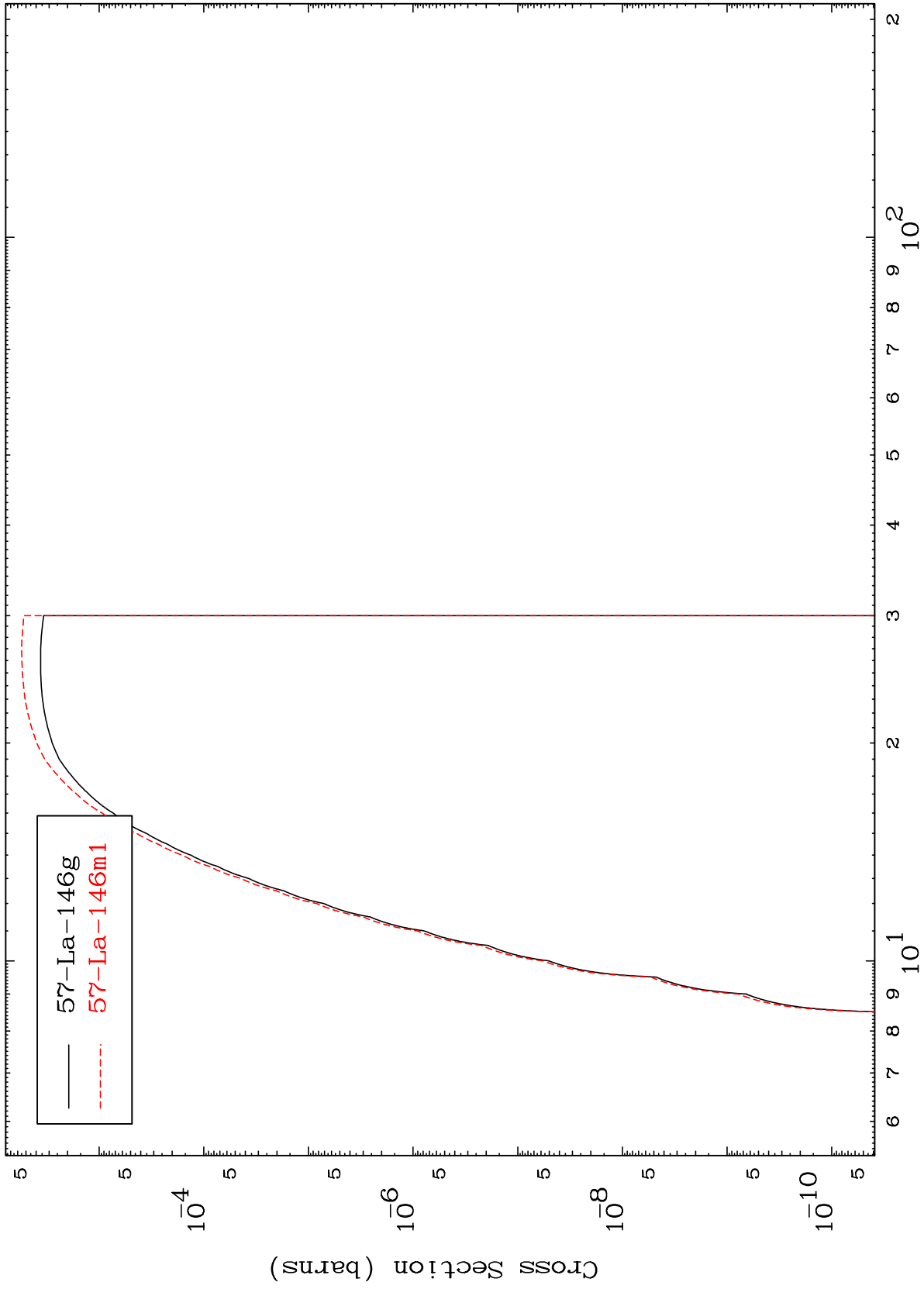
58-Ce-146



MAT 5855

58-Ce-146

(n,p)
Radionuclide Production Cross Section



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Incident Energy (MeV)

58-Ce-146