

Program EVALPLOT
(Version 2021-1)

by

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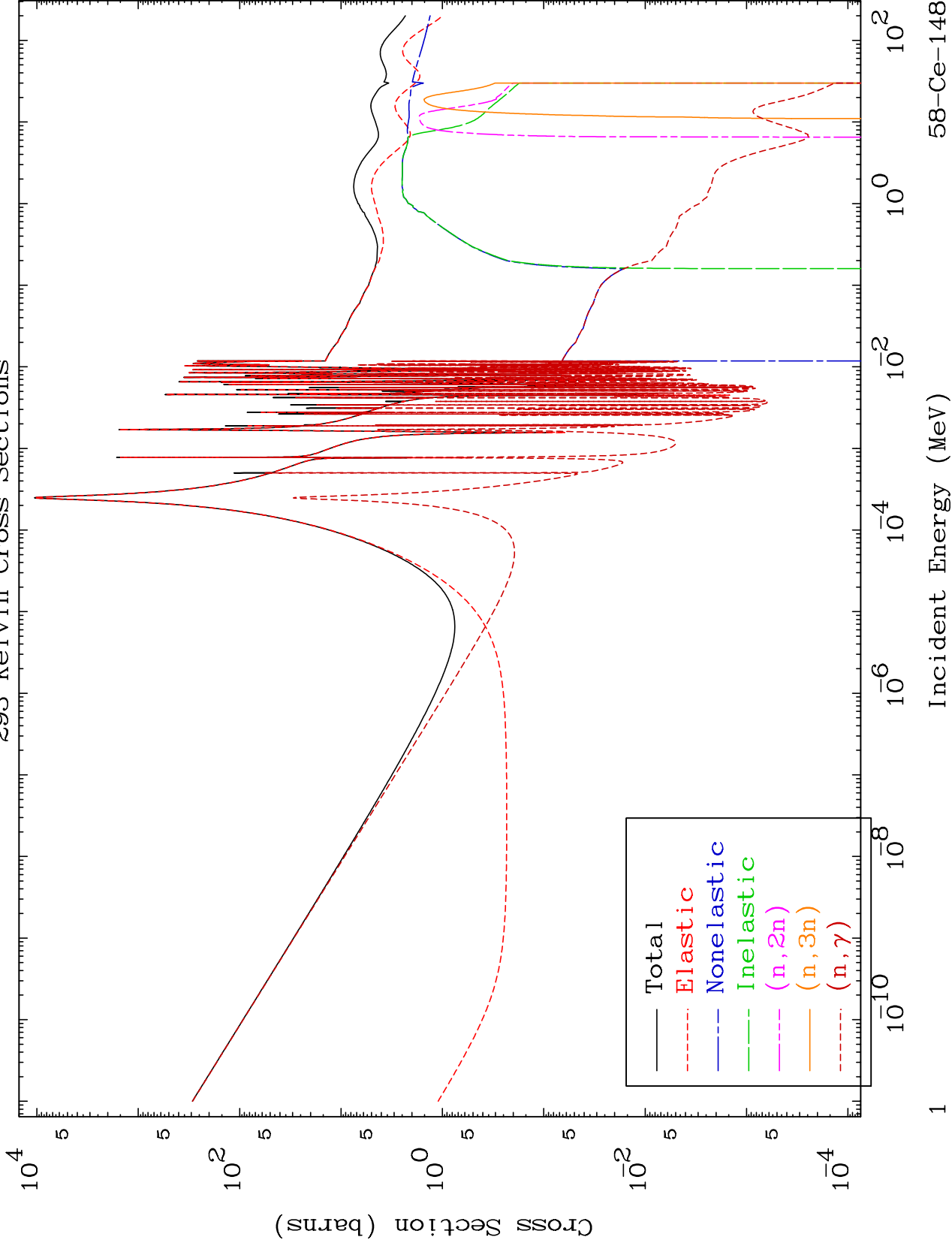
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5861

Neutron Major
293 Kelvin Cross Sections

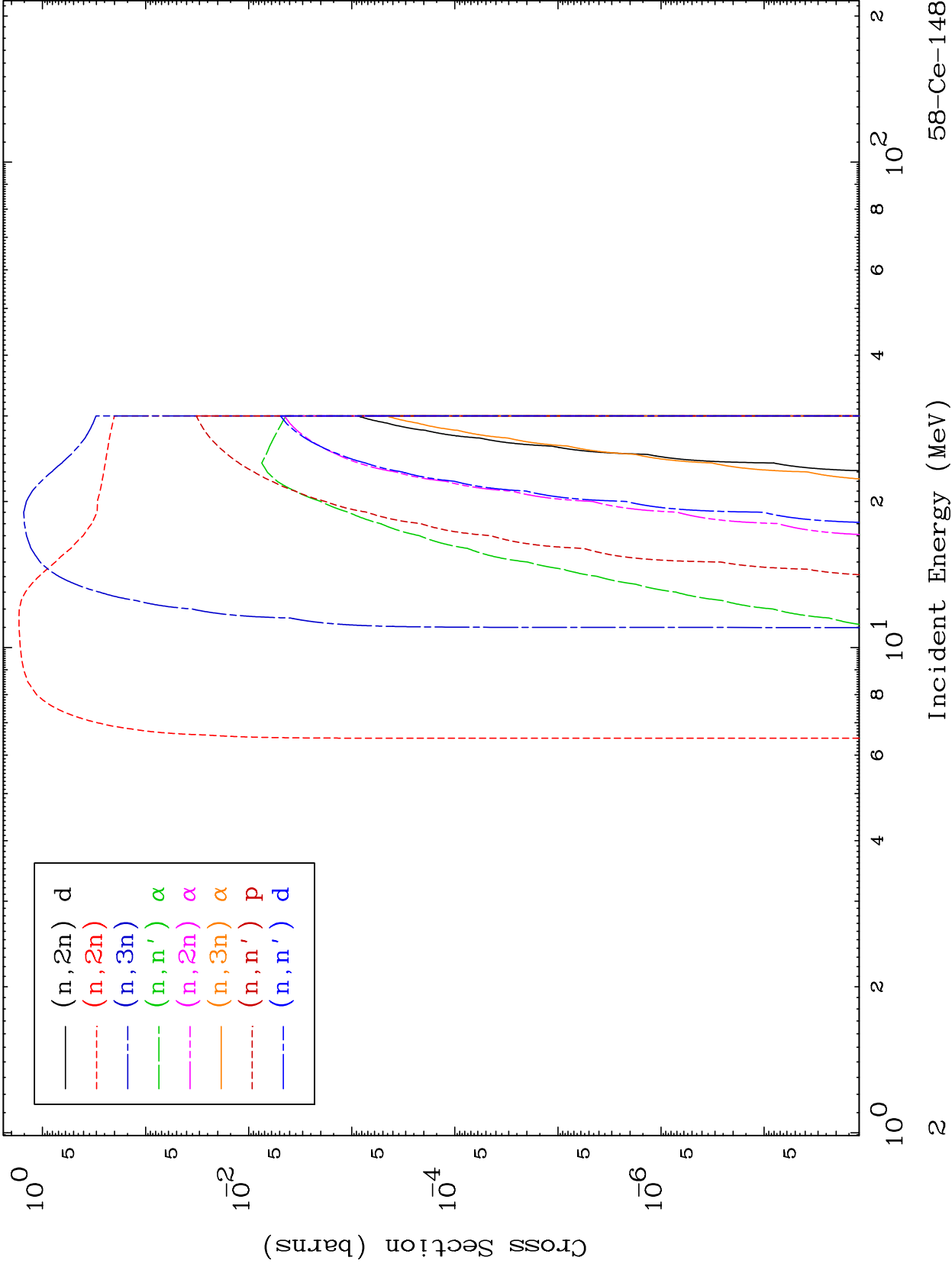
58-Ce-148



MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

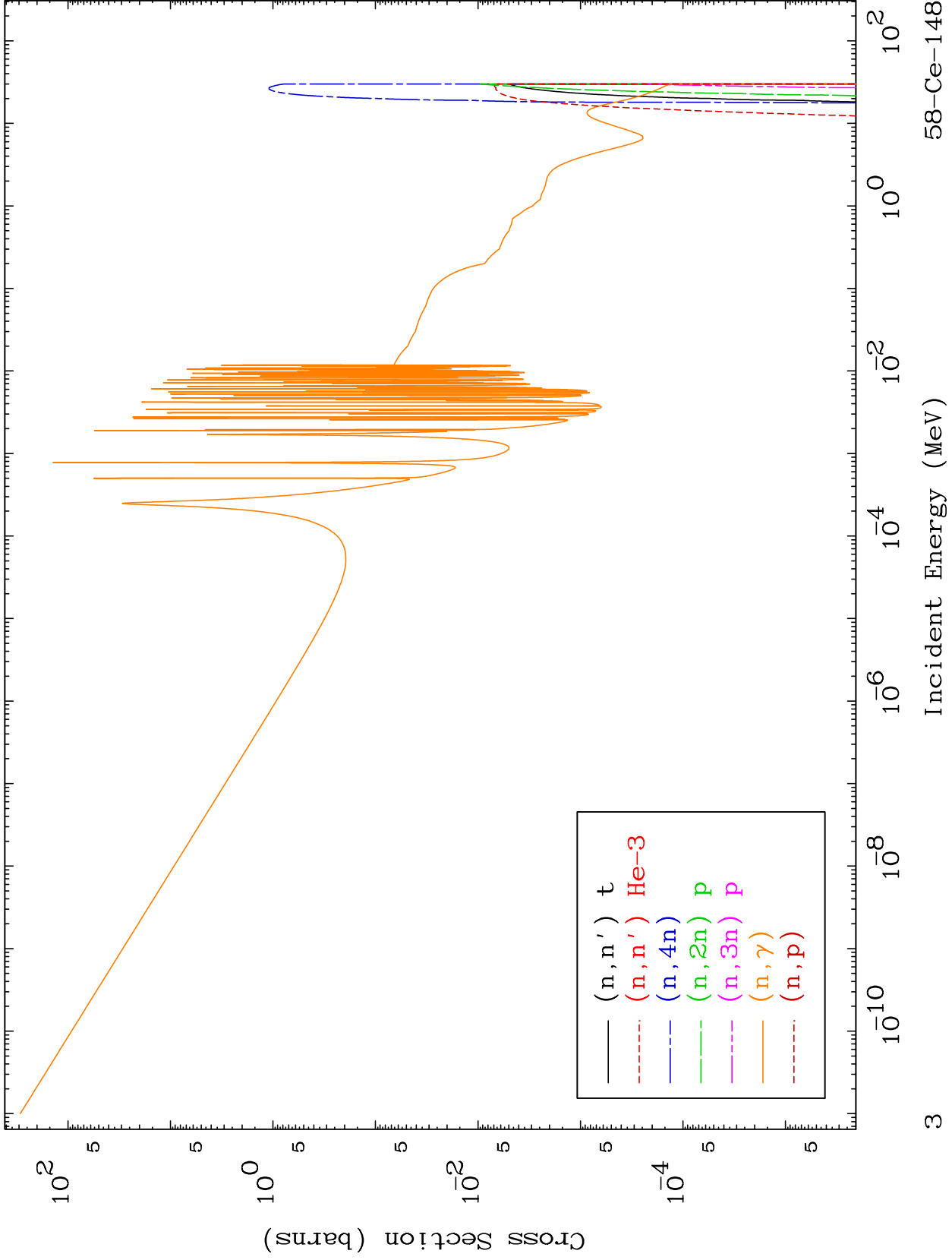
58-Ce-148



MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

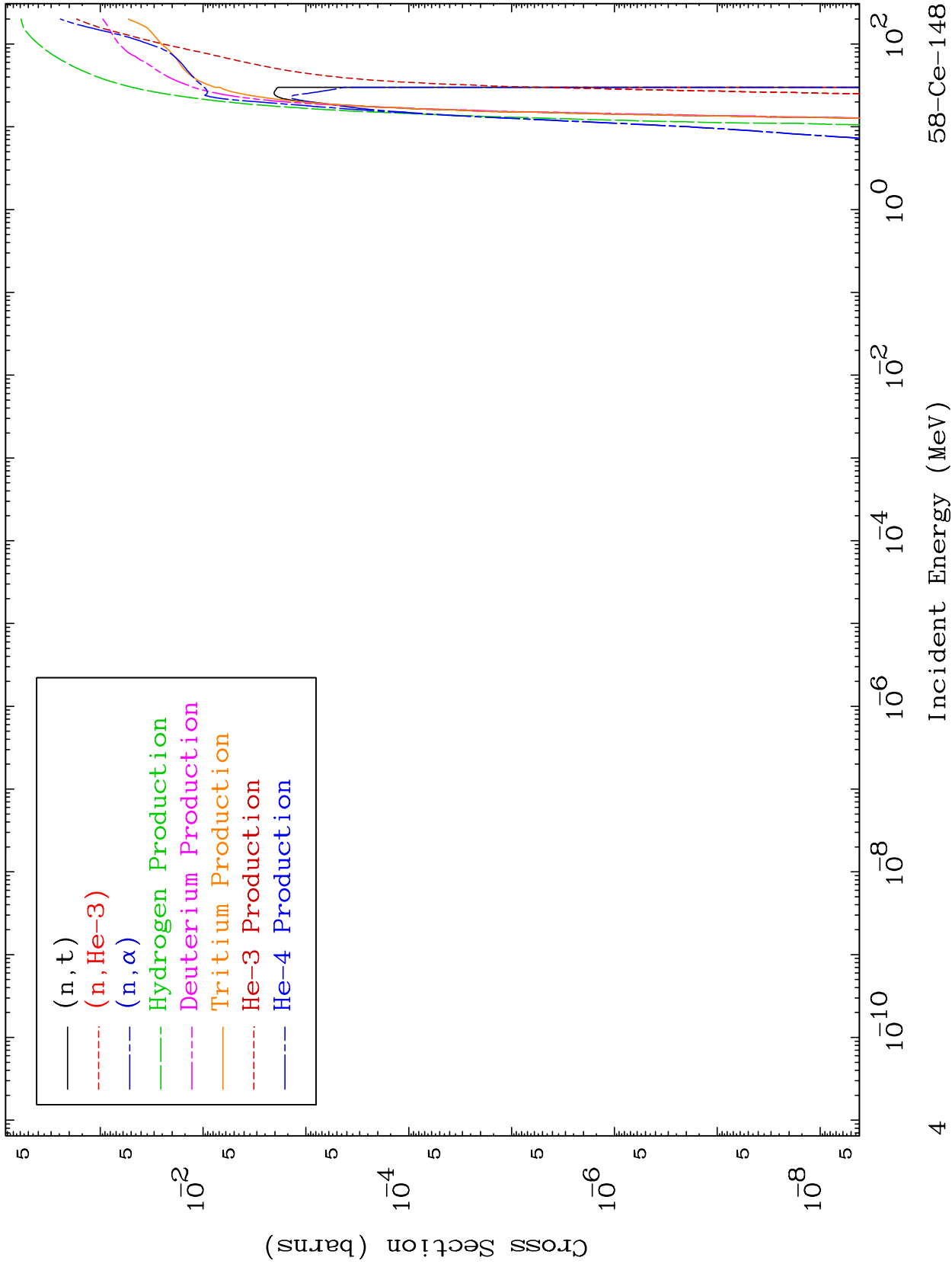
58-Ce-148



MAT 5861

Neutron Absorption
293 Kelvin Cross Sections

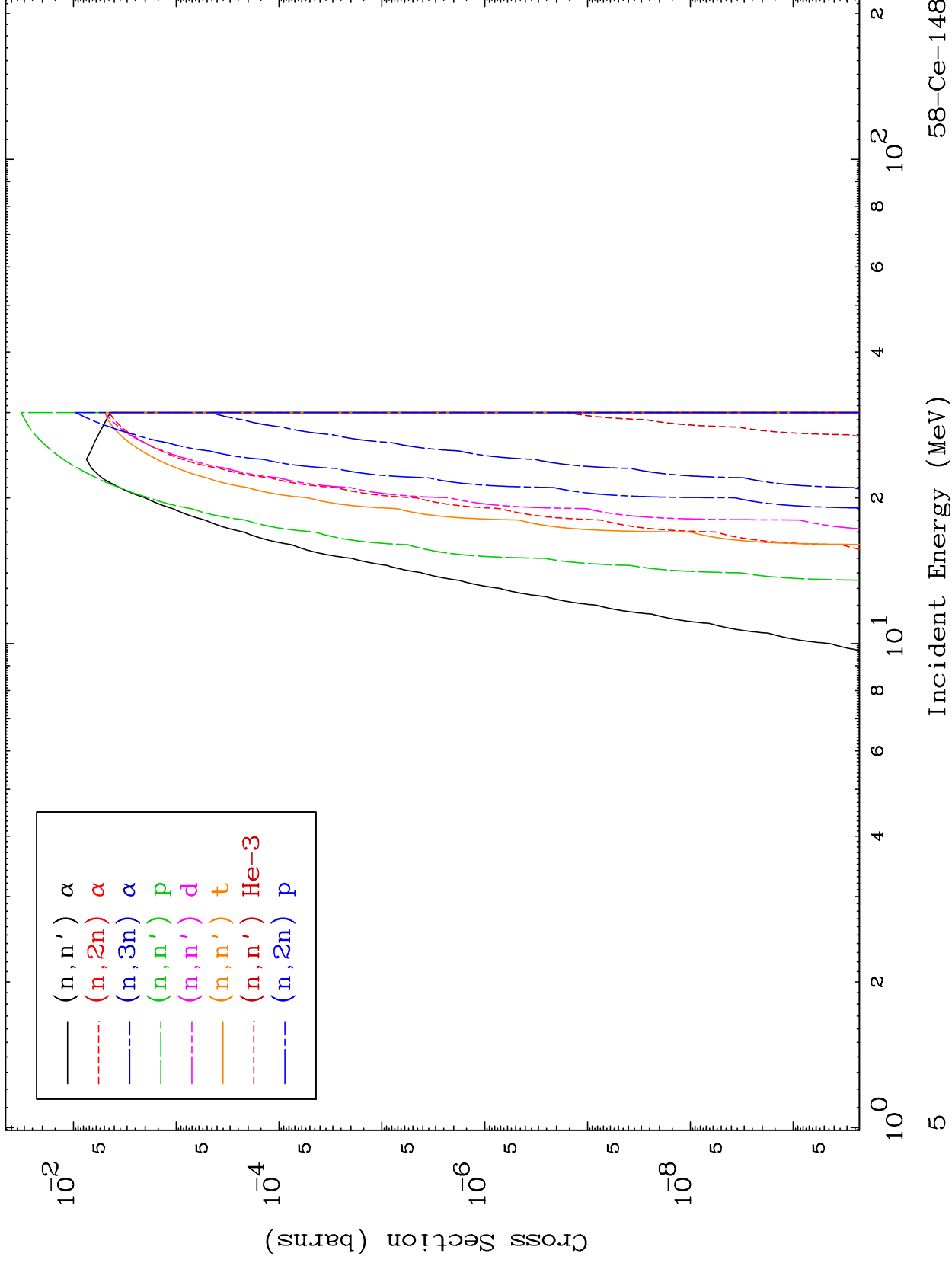
58-Ce-148



MAT 5861

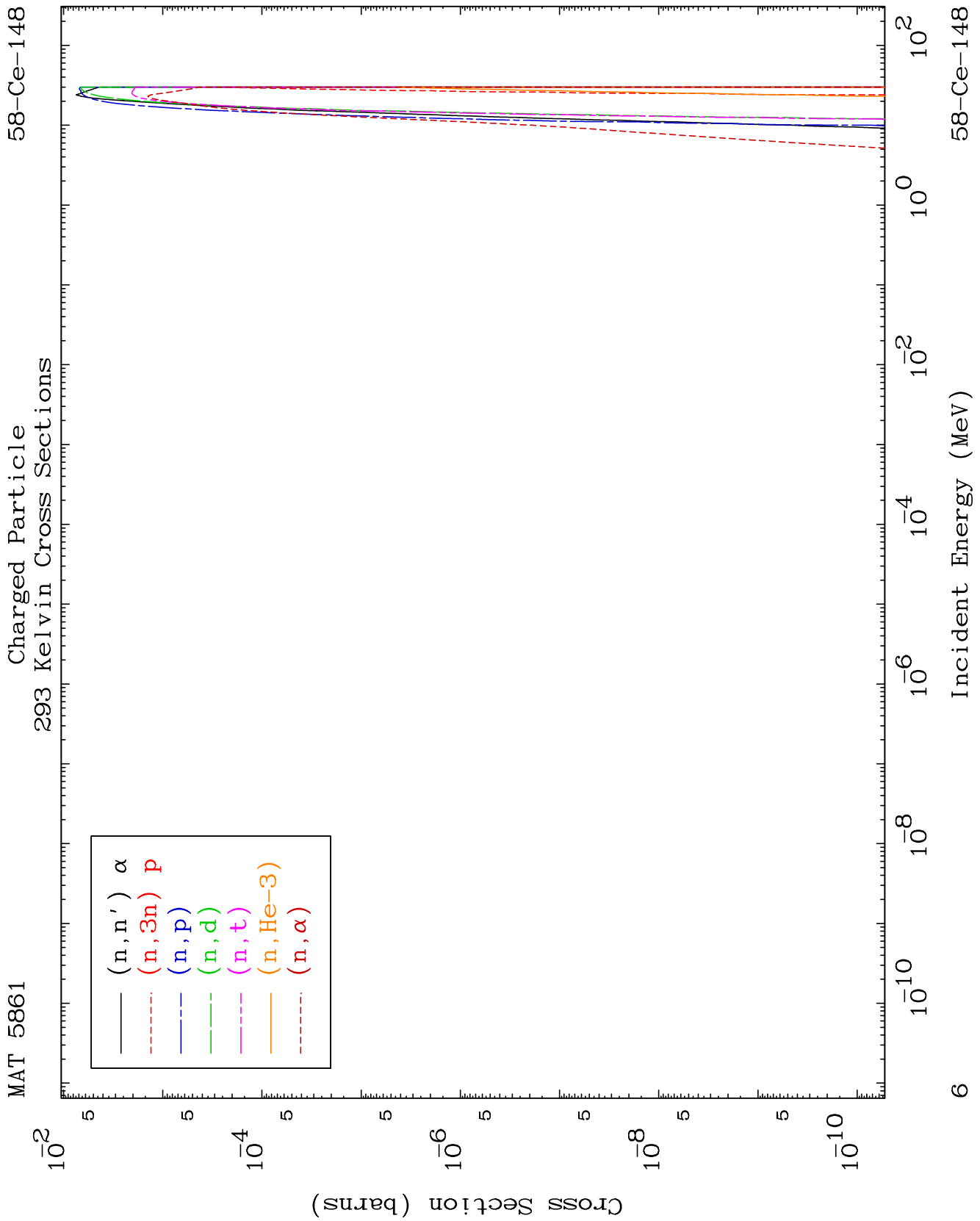
Charged Particle
293 Kelvin Cross Sections

58-Ce-148



58-Ce-148

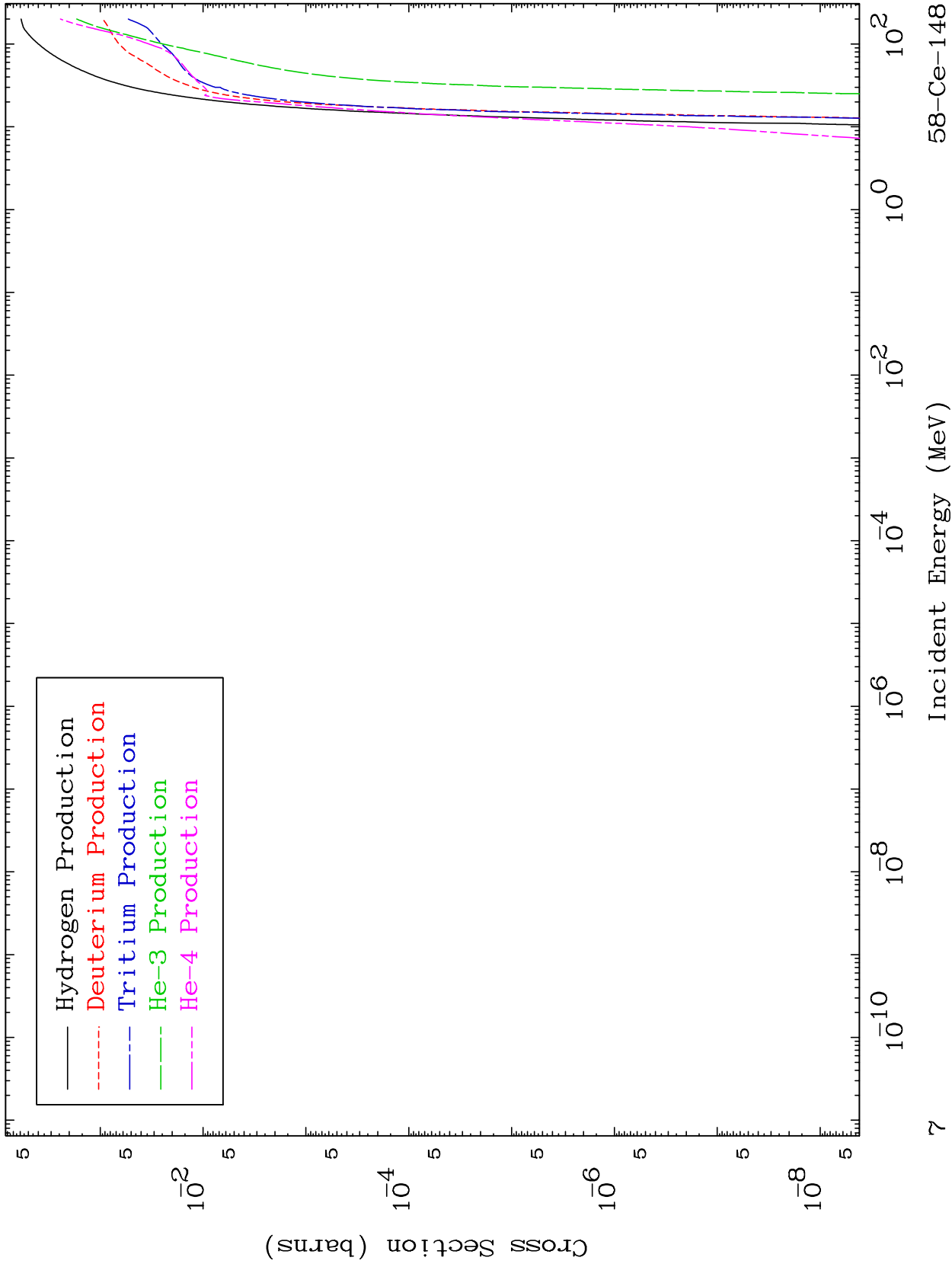
Incident Energy (MeV)



MAT 5861

Particle Production
293 Kelvin Cross Sections

58-Ce-148

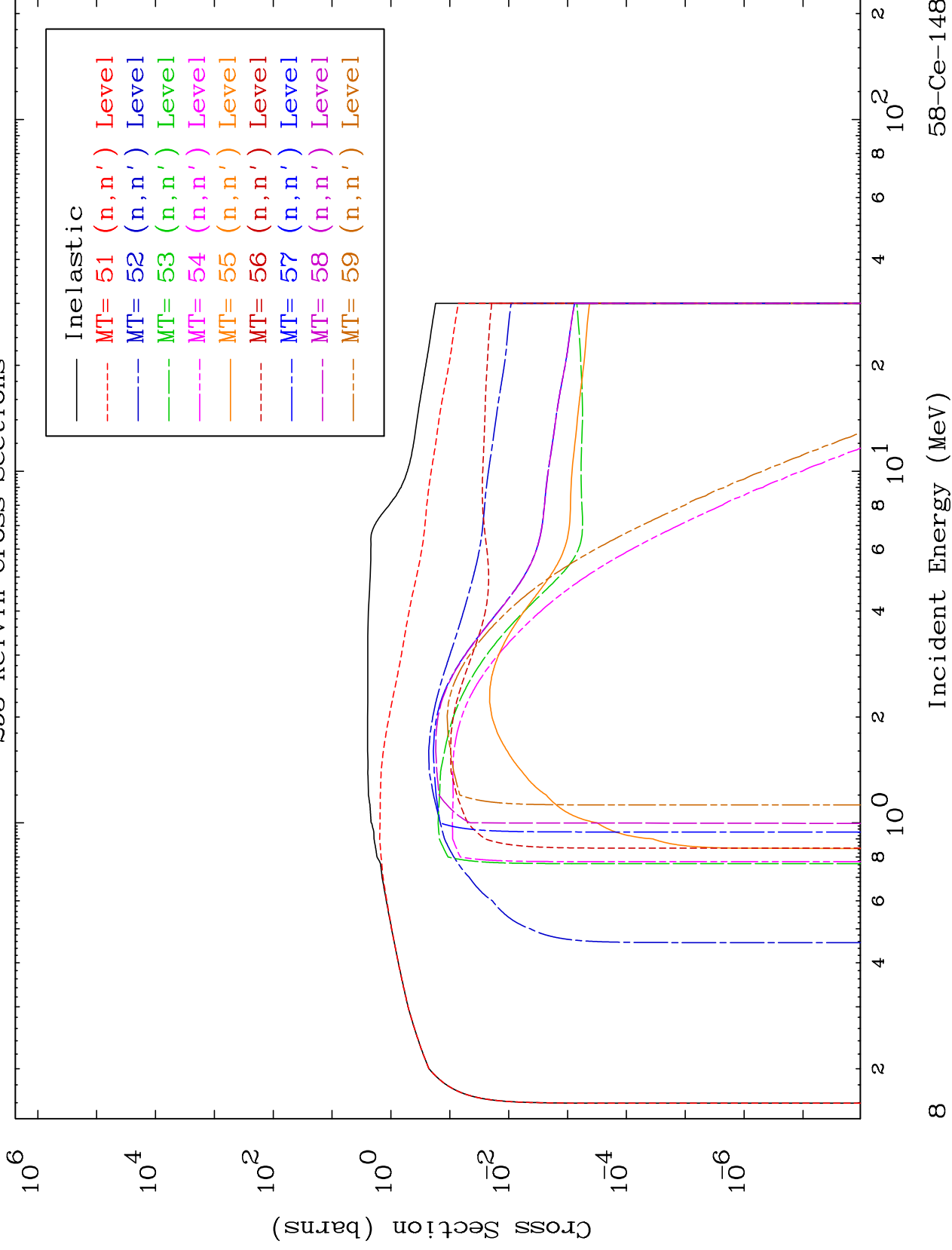


MAT 5861

(n,n') Levels

58-Ce-148

293 Kelvin Cross Sections



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Incident Energy (MeV)

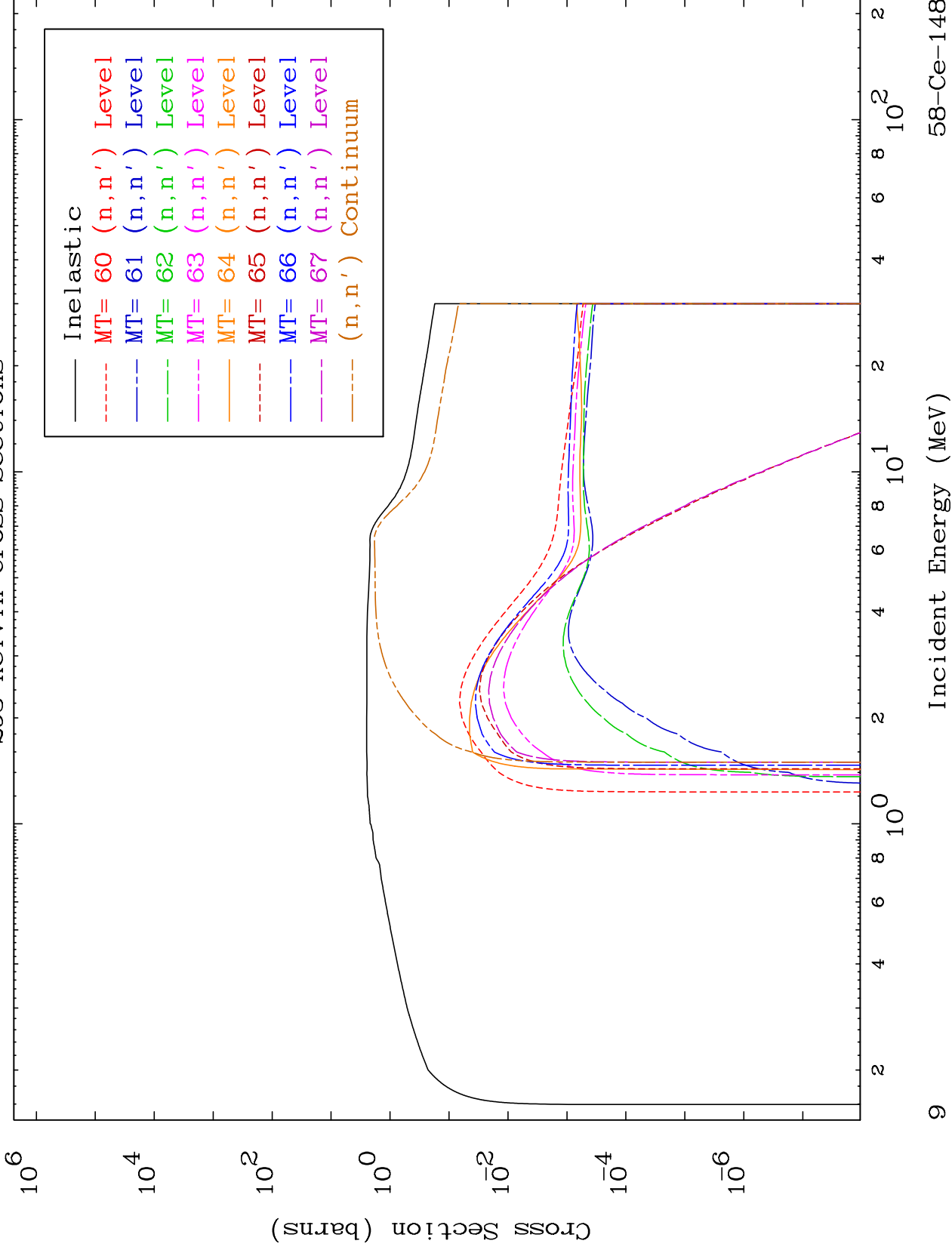
58-Ce-148

MAT 5861

(n,n') Levels

58-Ce-148

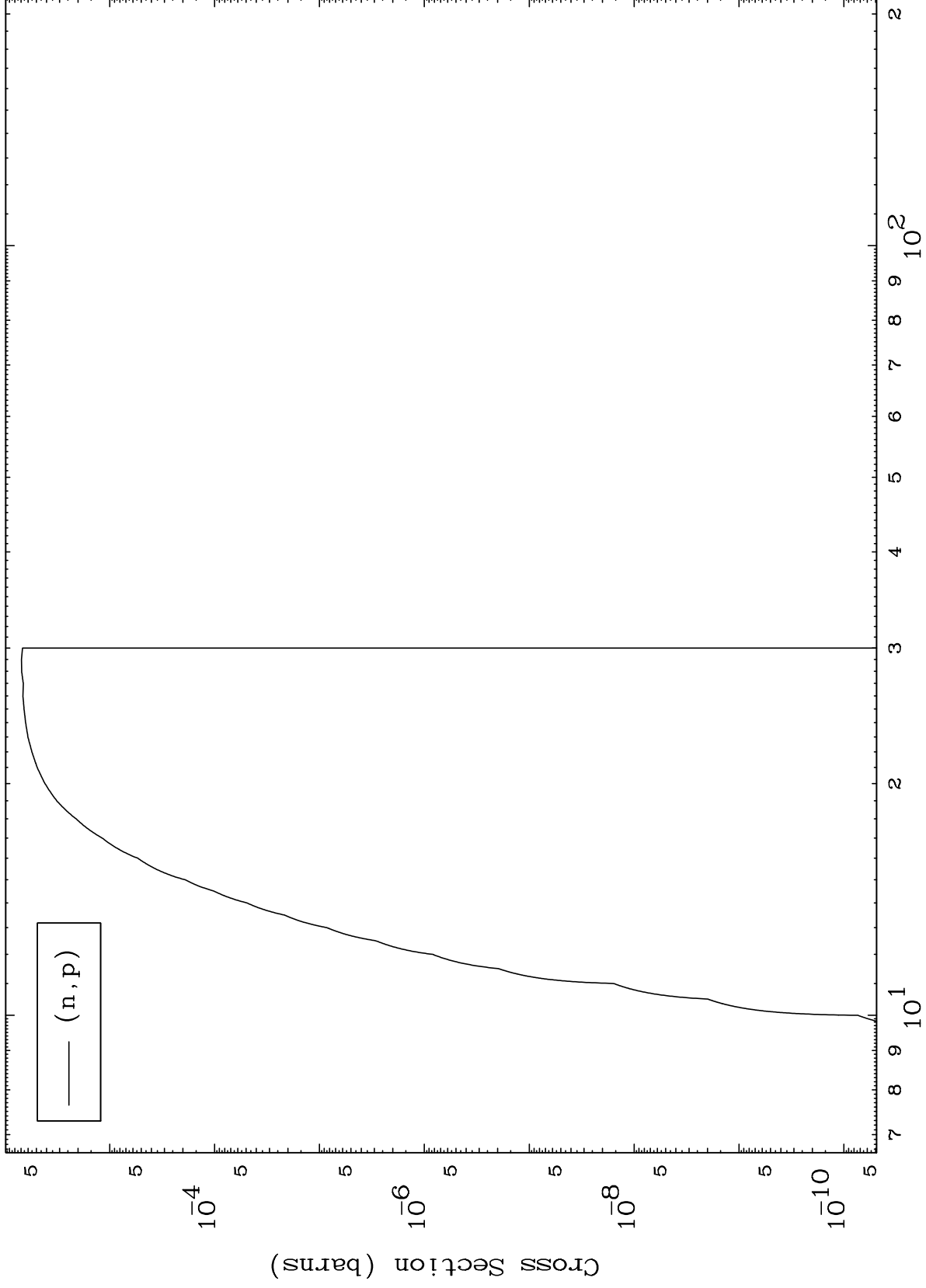
293 Kelvin Cross Sections



MAT 5861

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-148



10

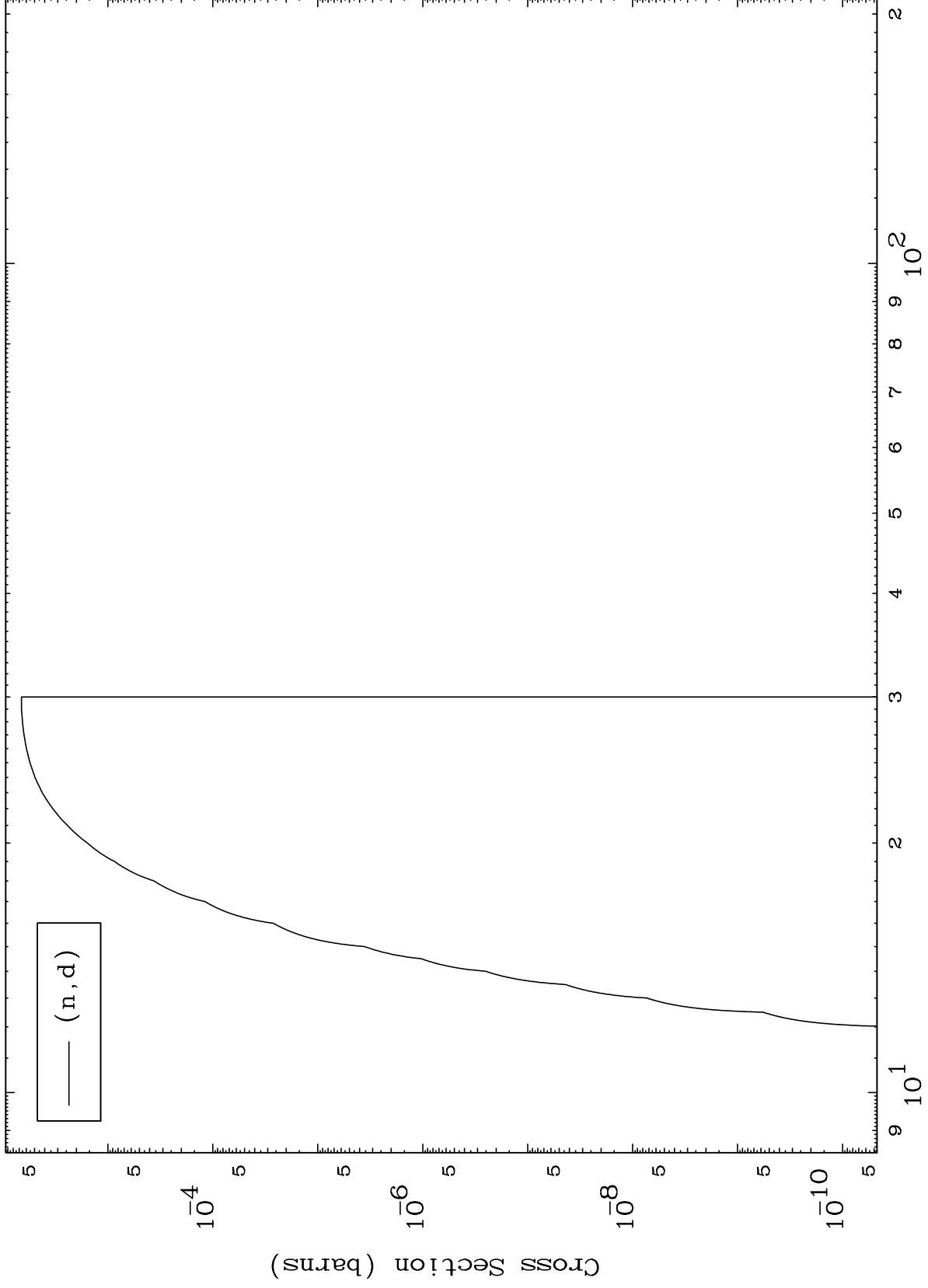
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-148



11

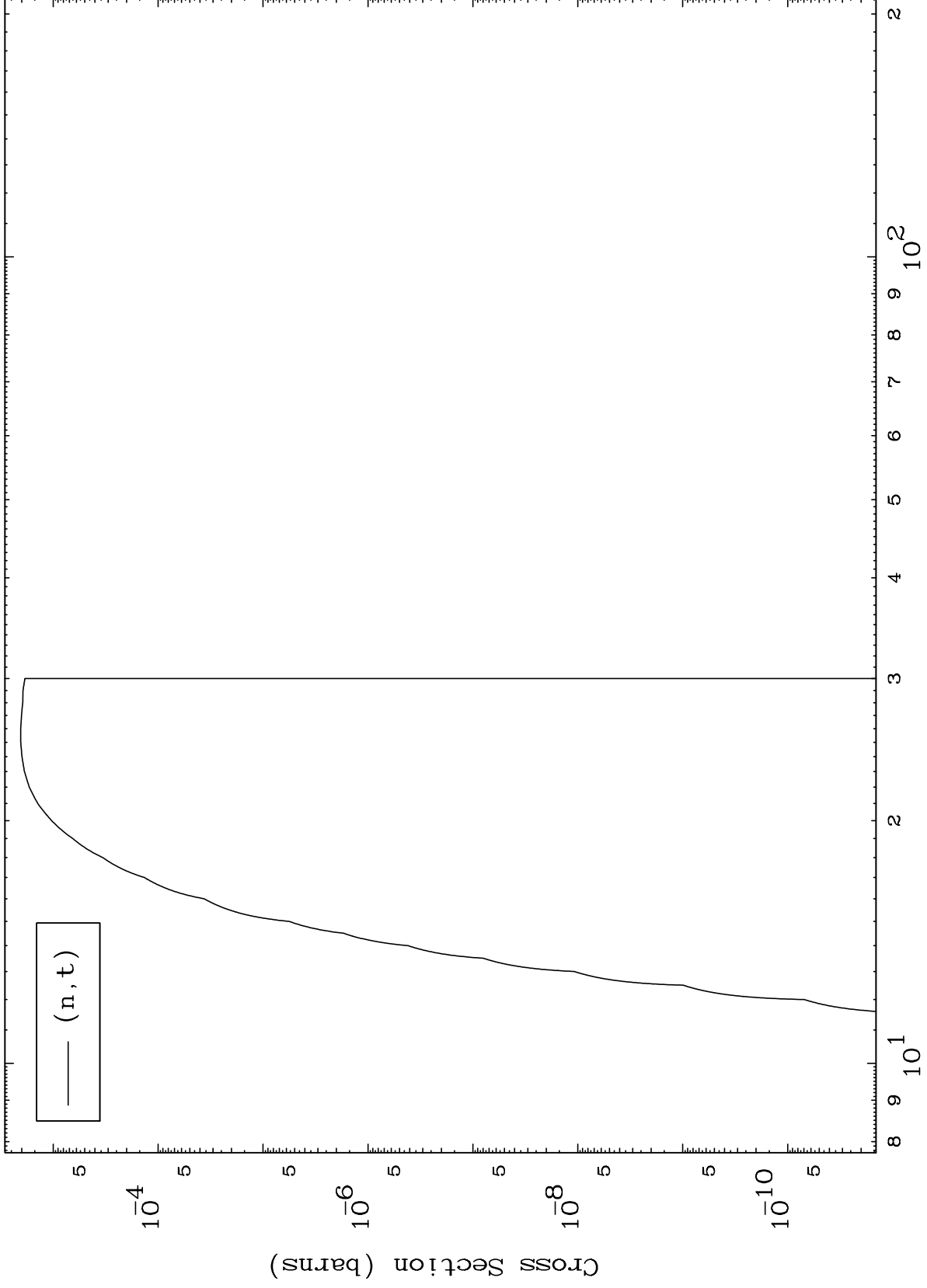
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-148



12

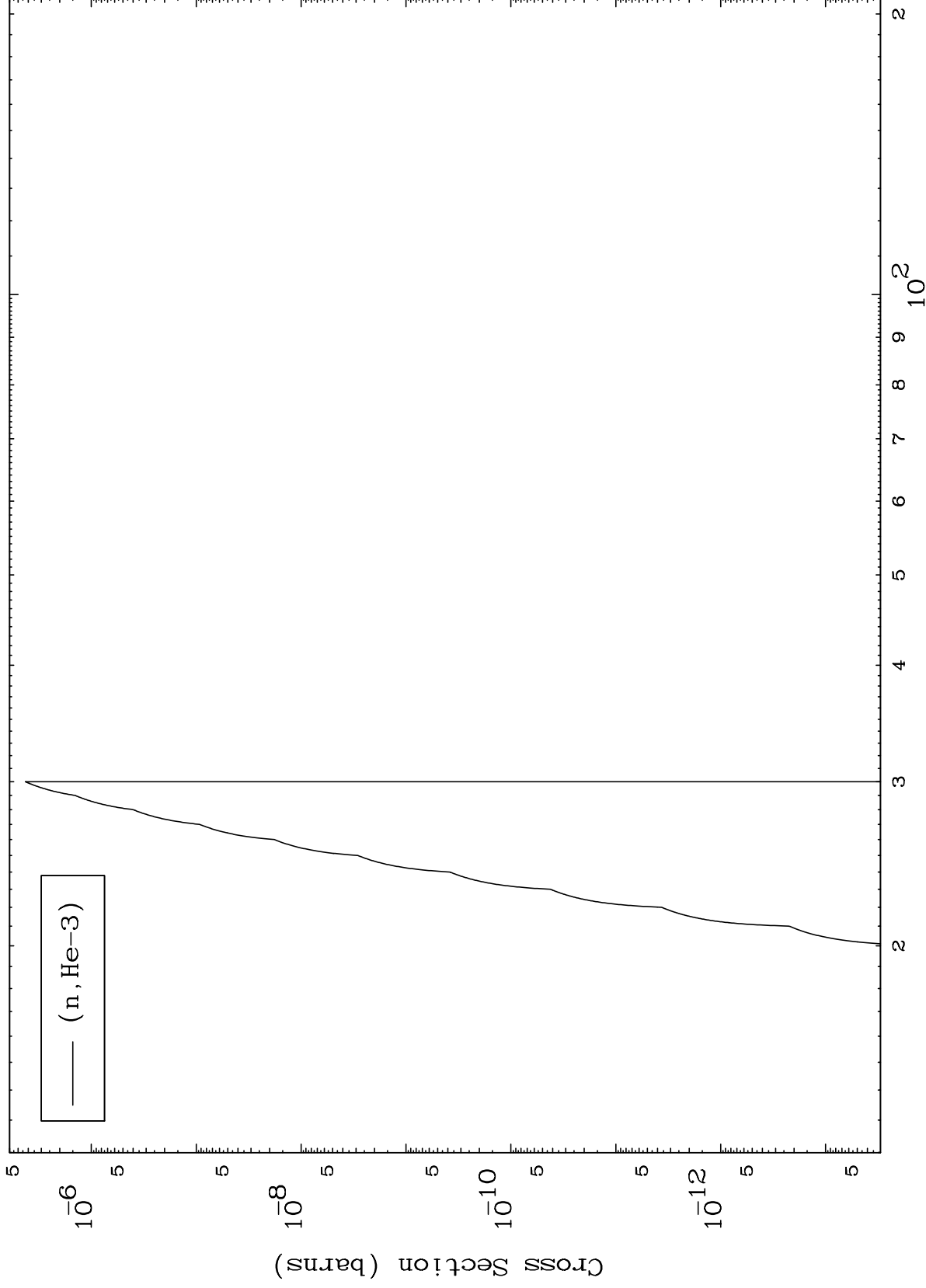
Incident Energy (MeV)

58-Ce-148

MAT 5861

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-148



13

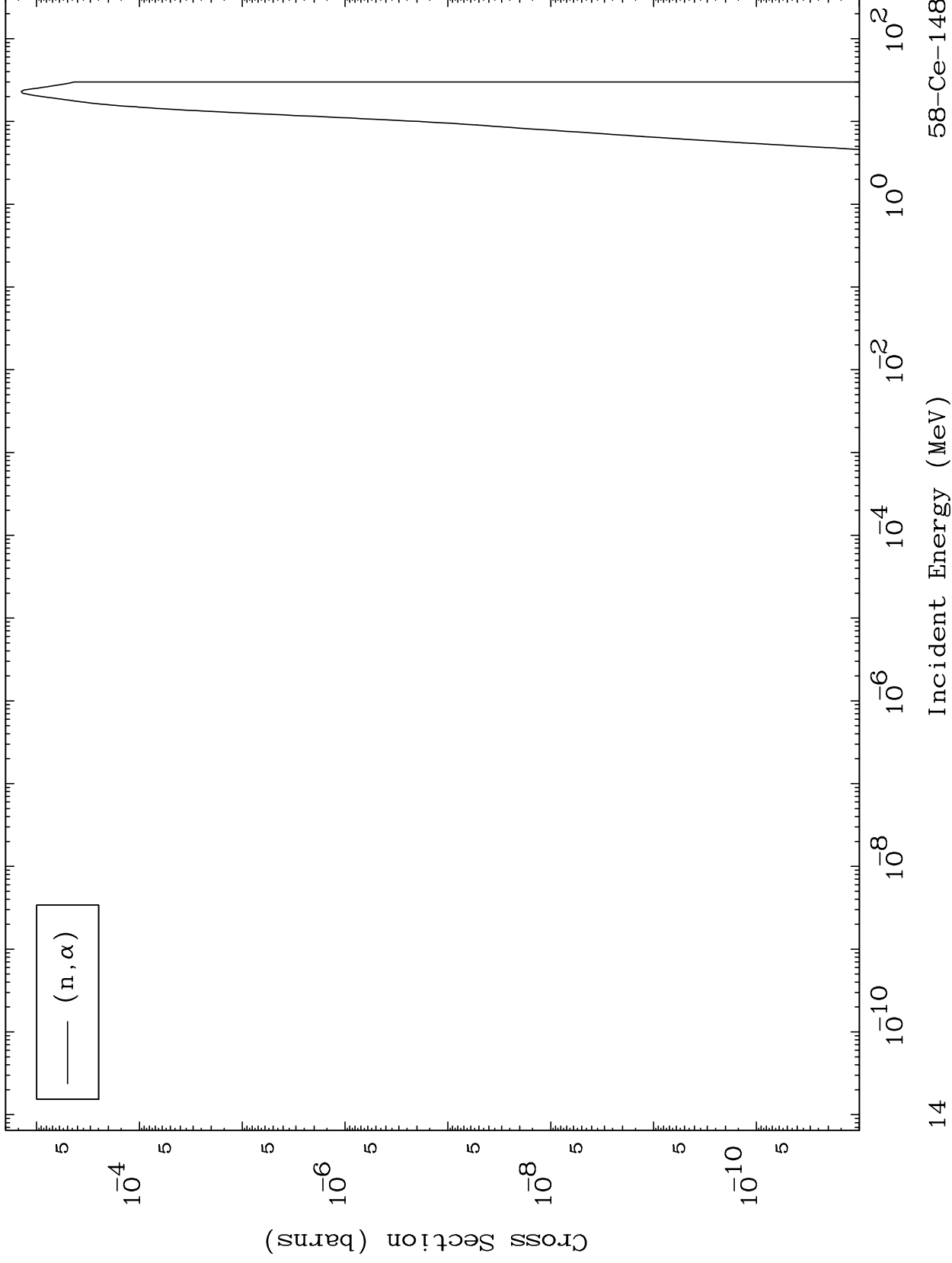
Incident Energy (MeV)

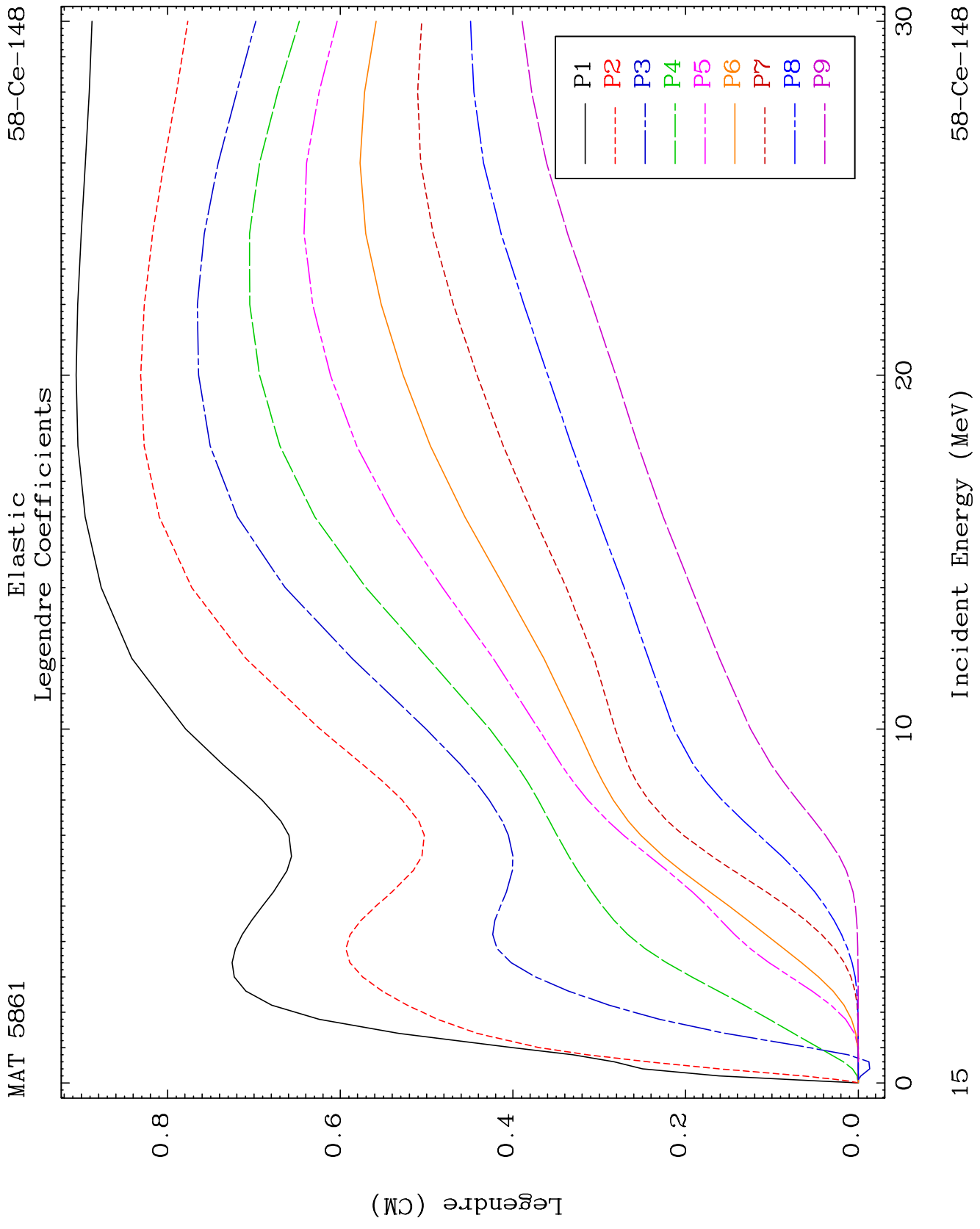
58-Ce-148

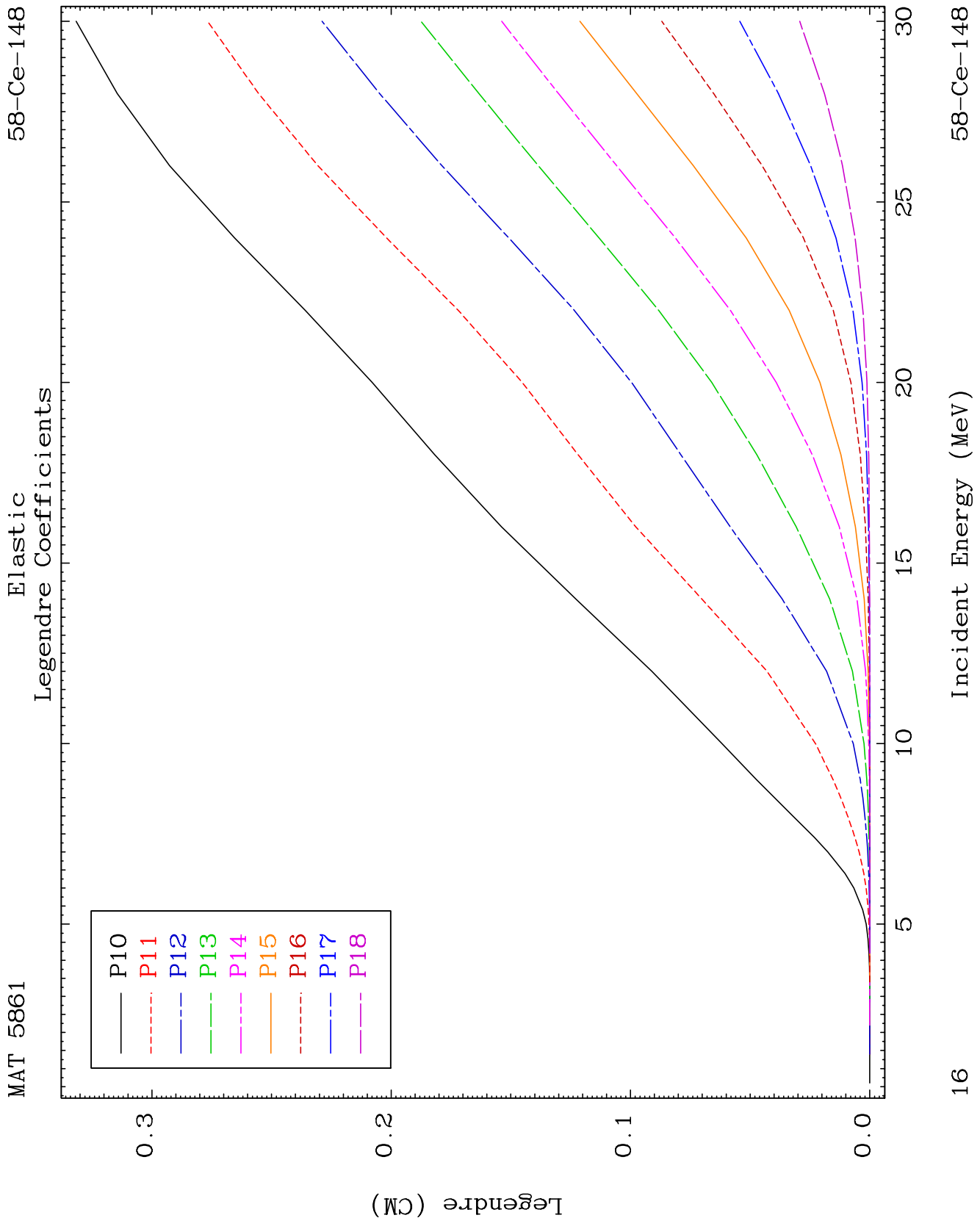
MAT 5861

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-148



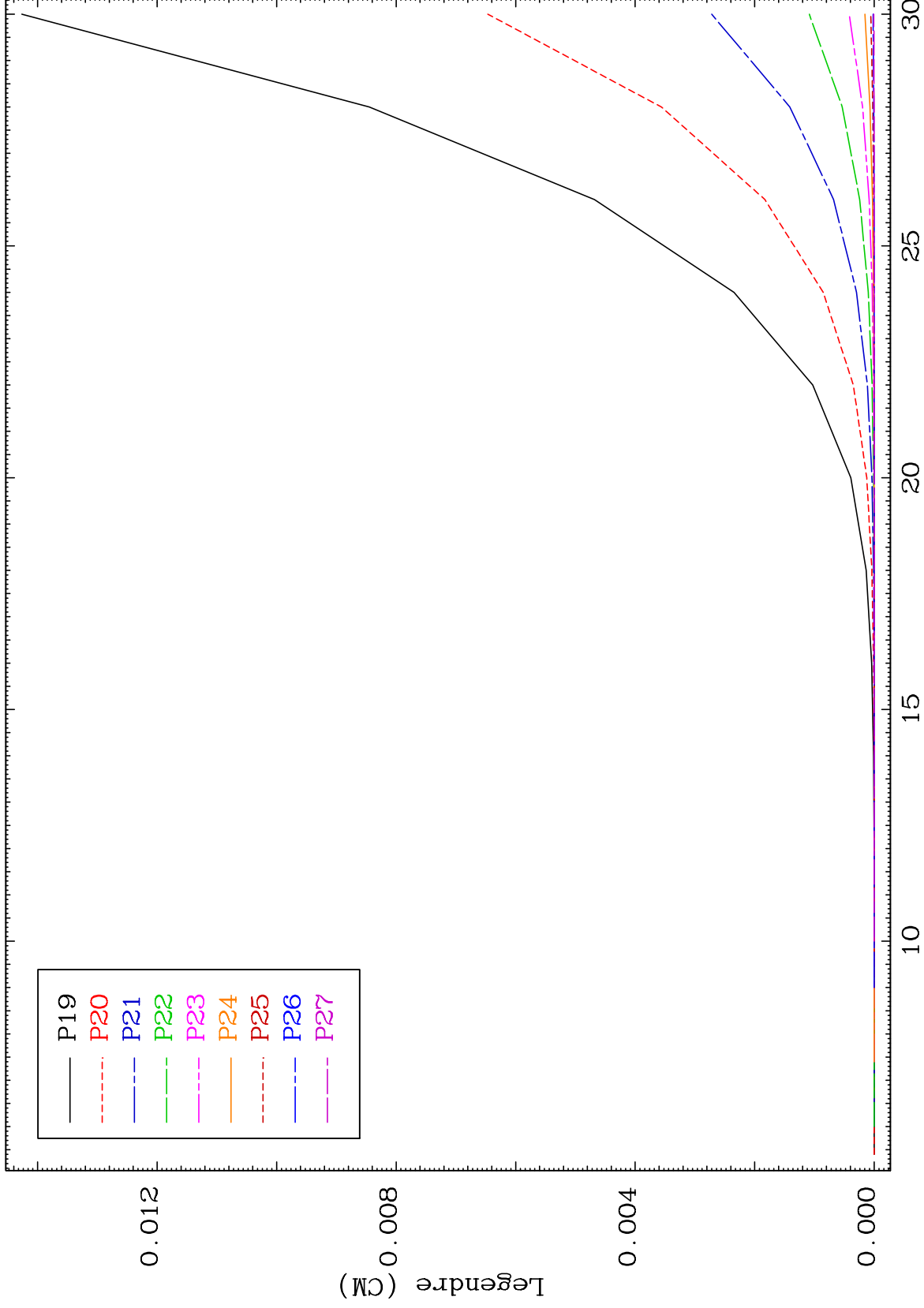




MAT 5861

Elastic Legendre Coefficients

58-Ce-148



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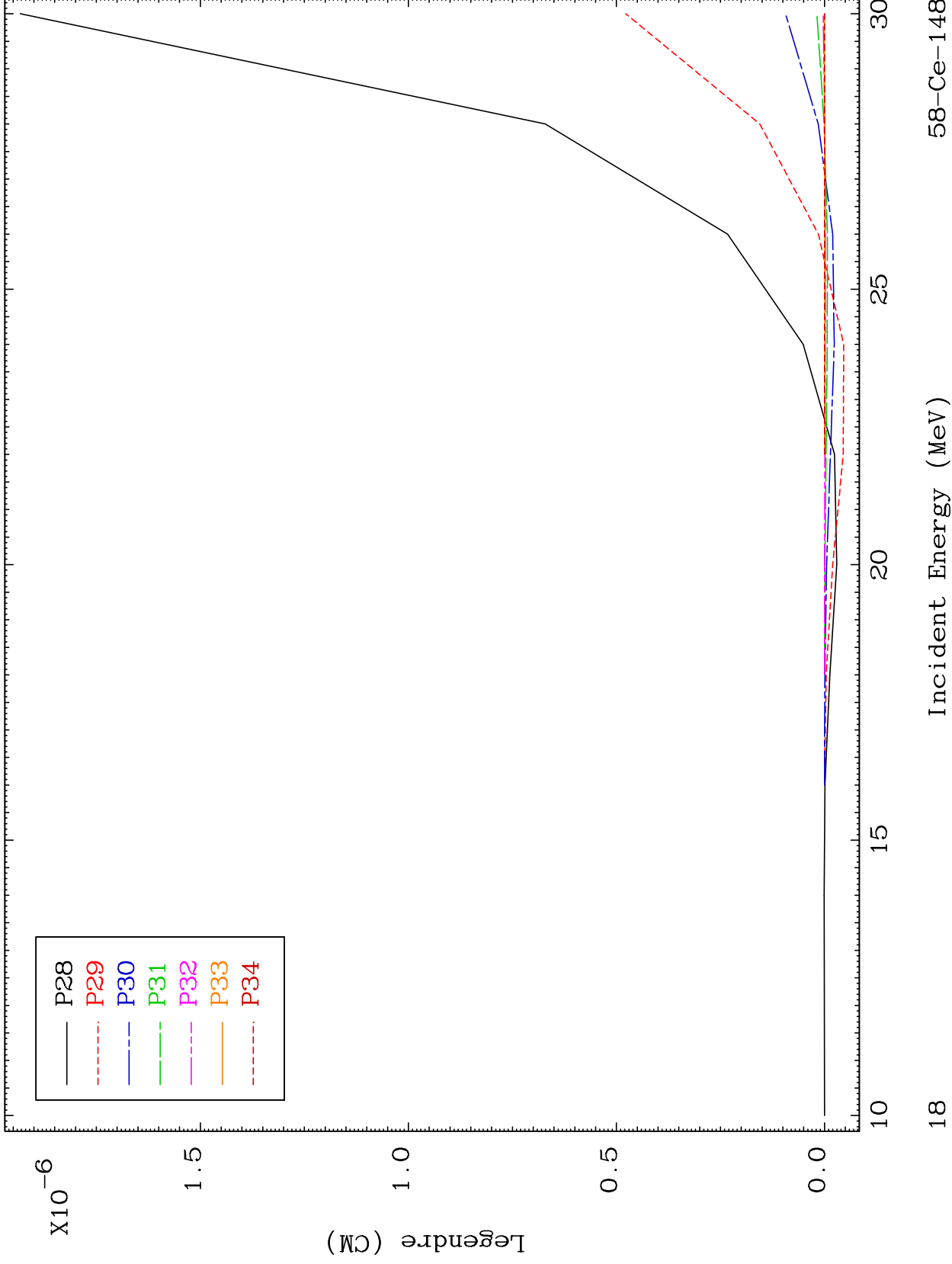
Incident Energy (MeV)

58-Ce-148

MAT 5861

Elastic
Legendre Coefficients

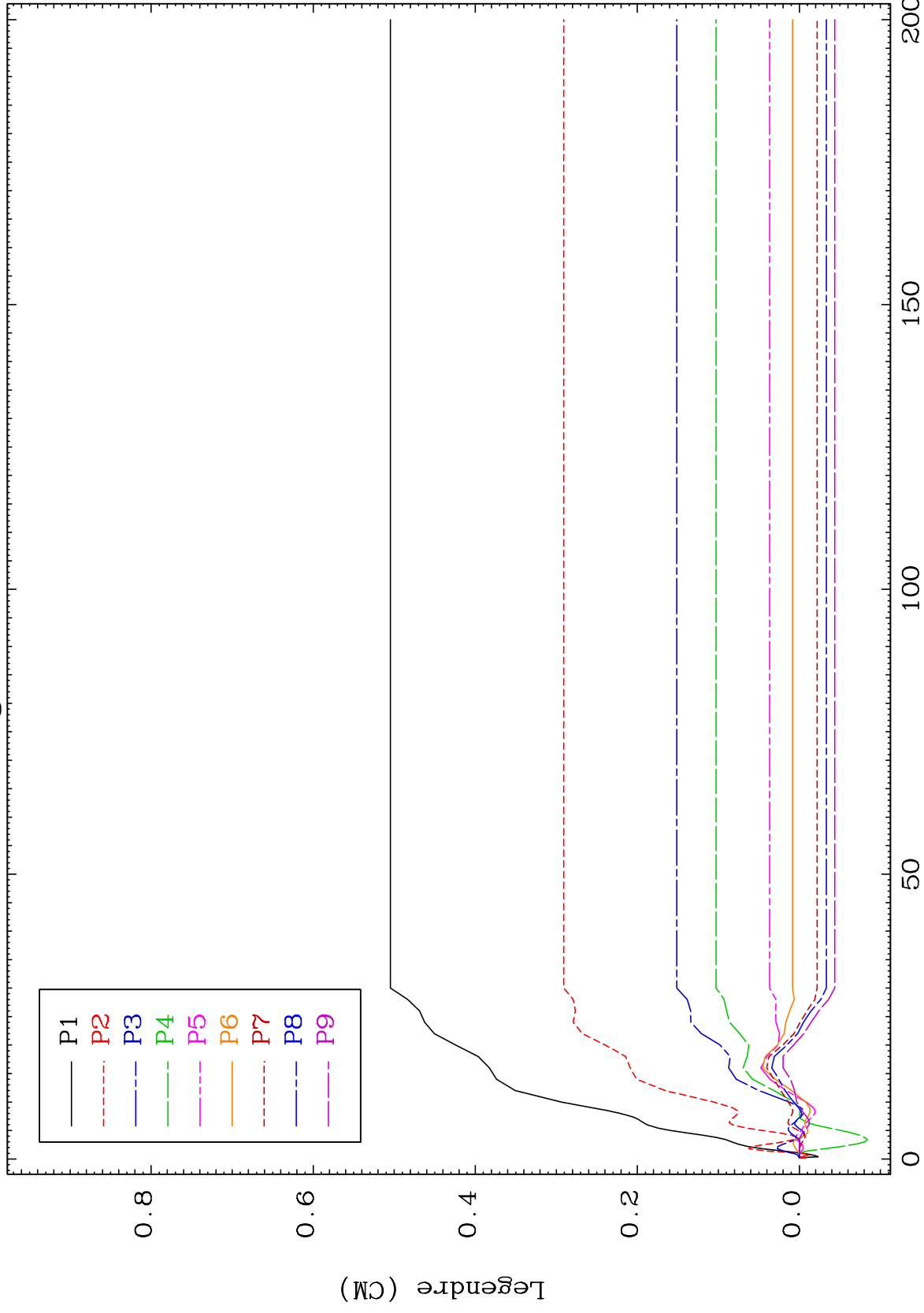
58-Ce-148



MAT 5861

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

58-Ce-148



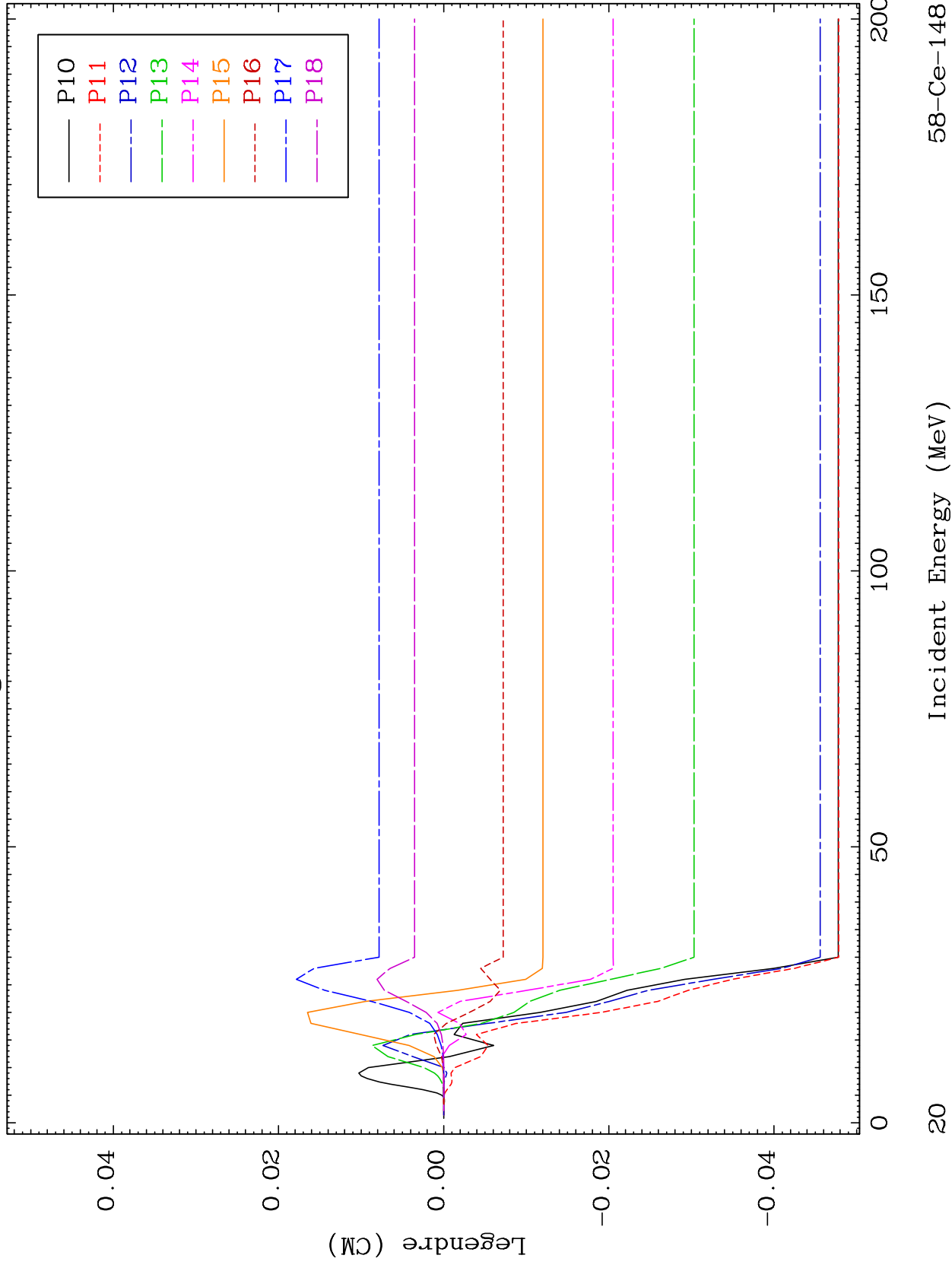
19

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

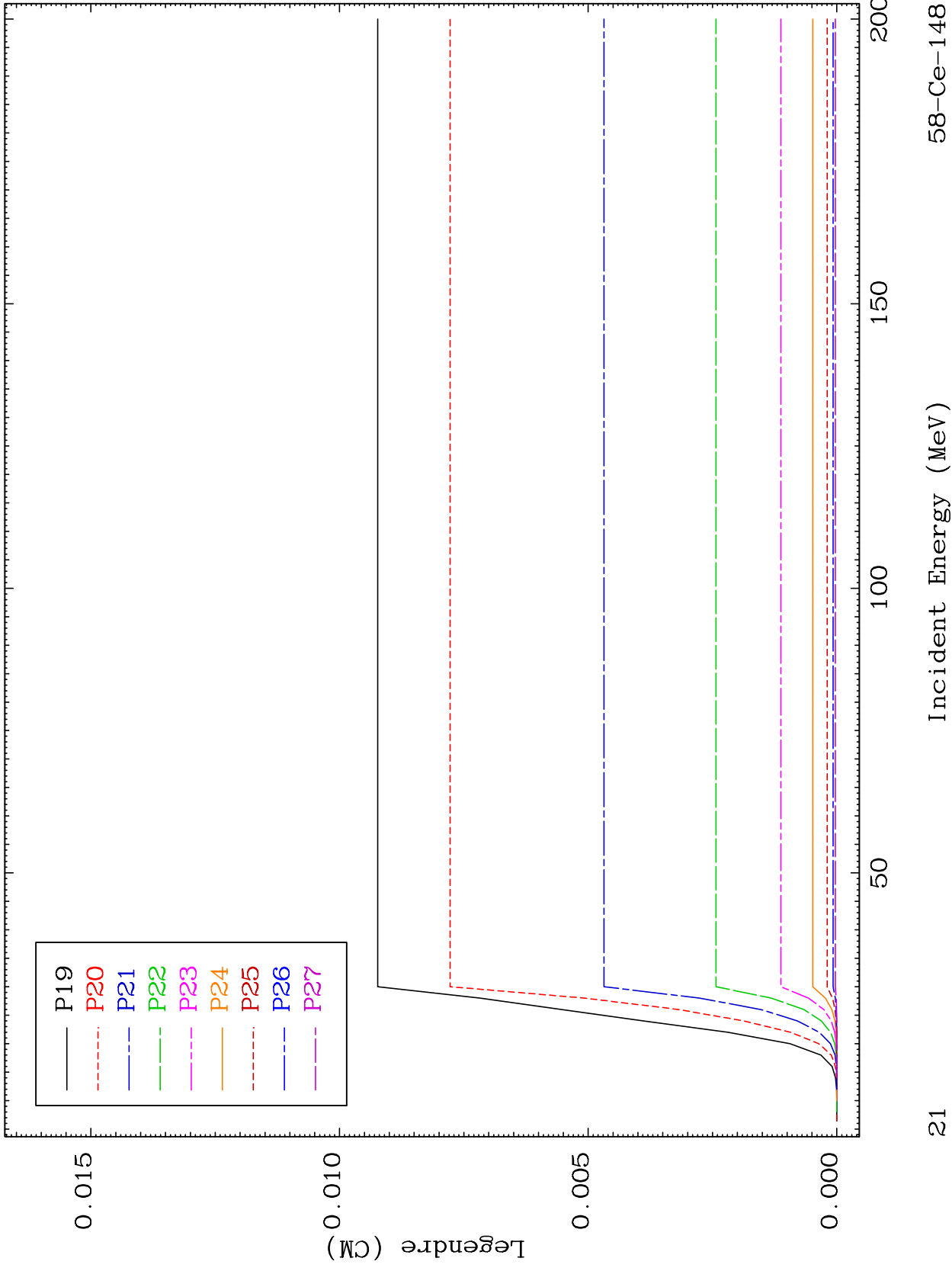
Incident Energy (MeV)

20

MAT 5861

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

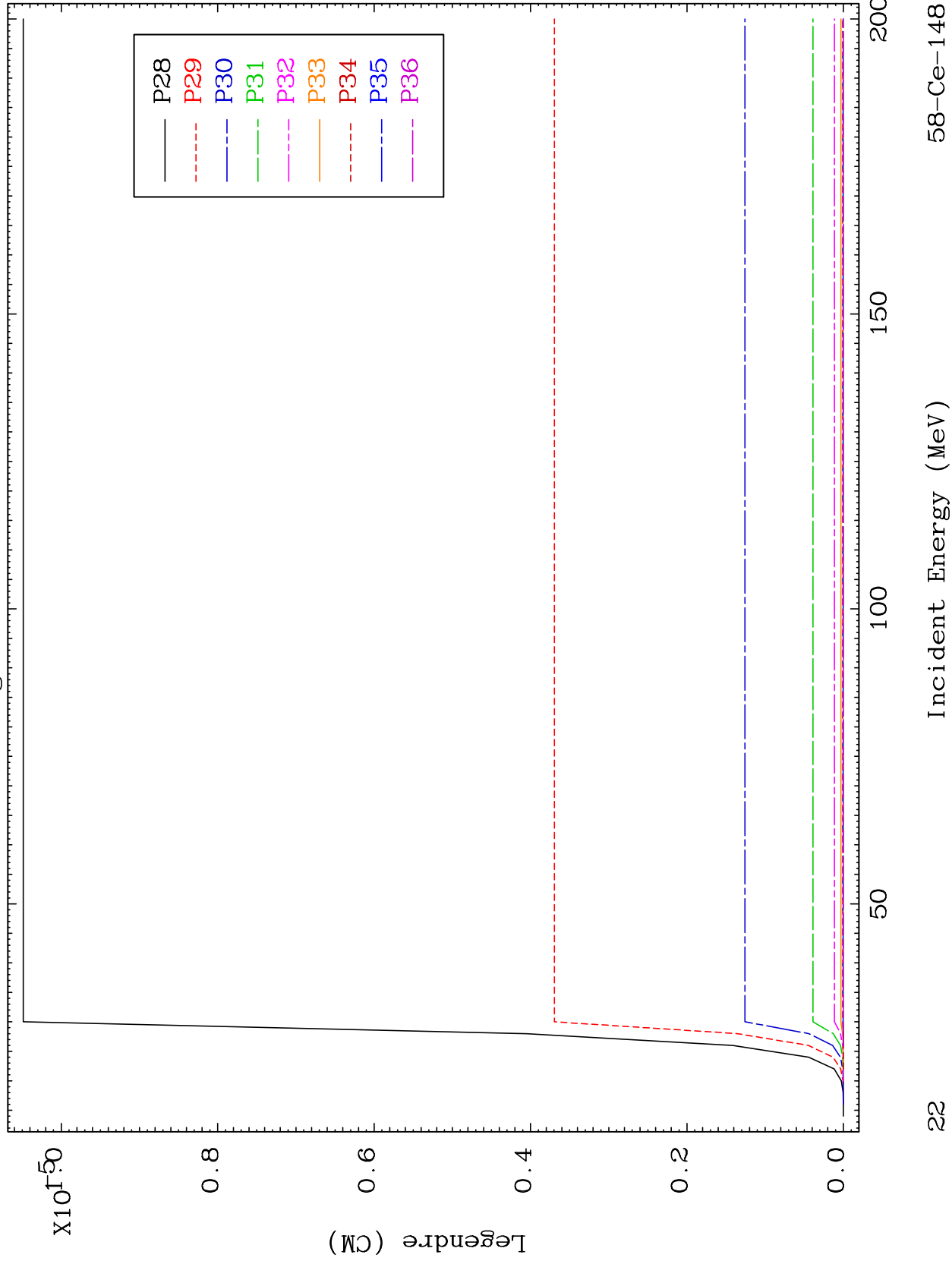
58-Ce-148



MAT 5861

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

58-Ce-148



22

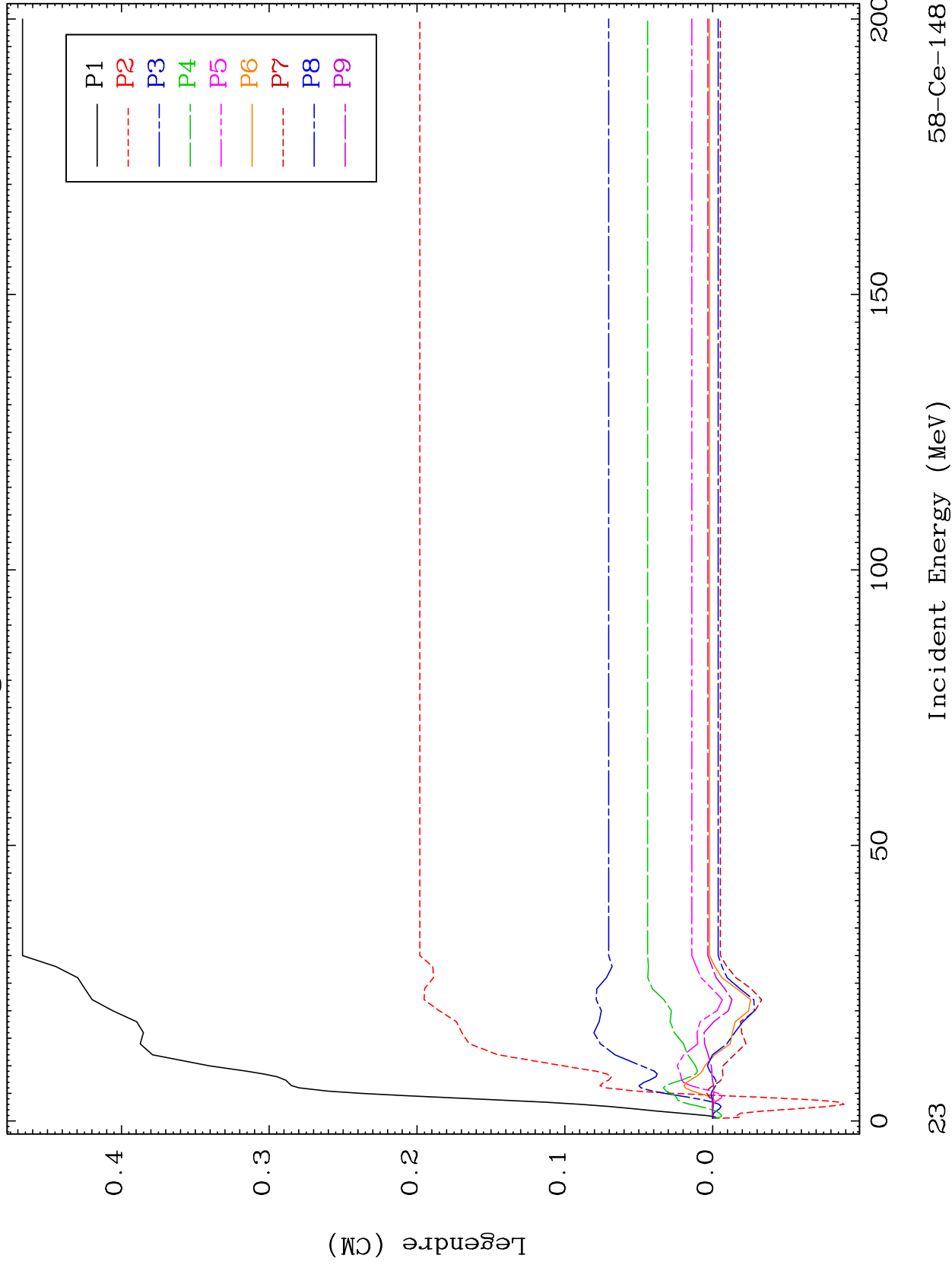
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

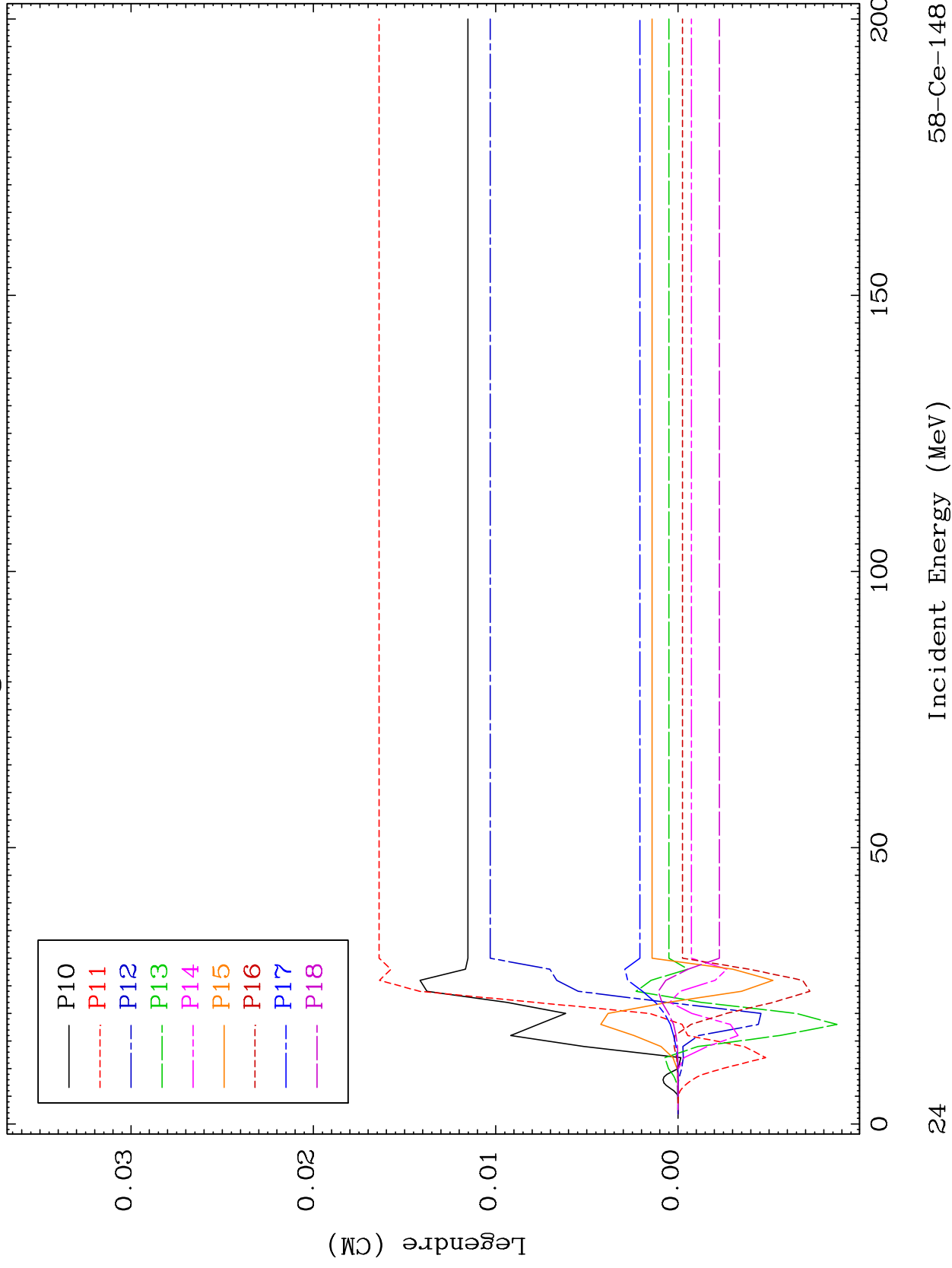
Incident Energy (MeV)

23

MAT 5861

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

58-Ce-148



24

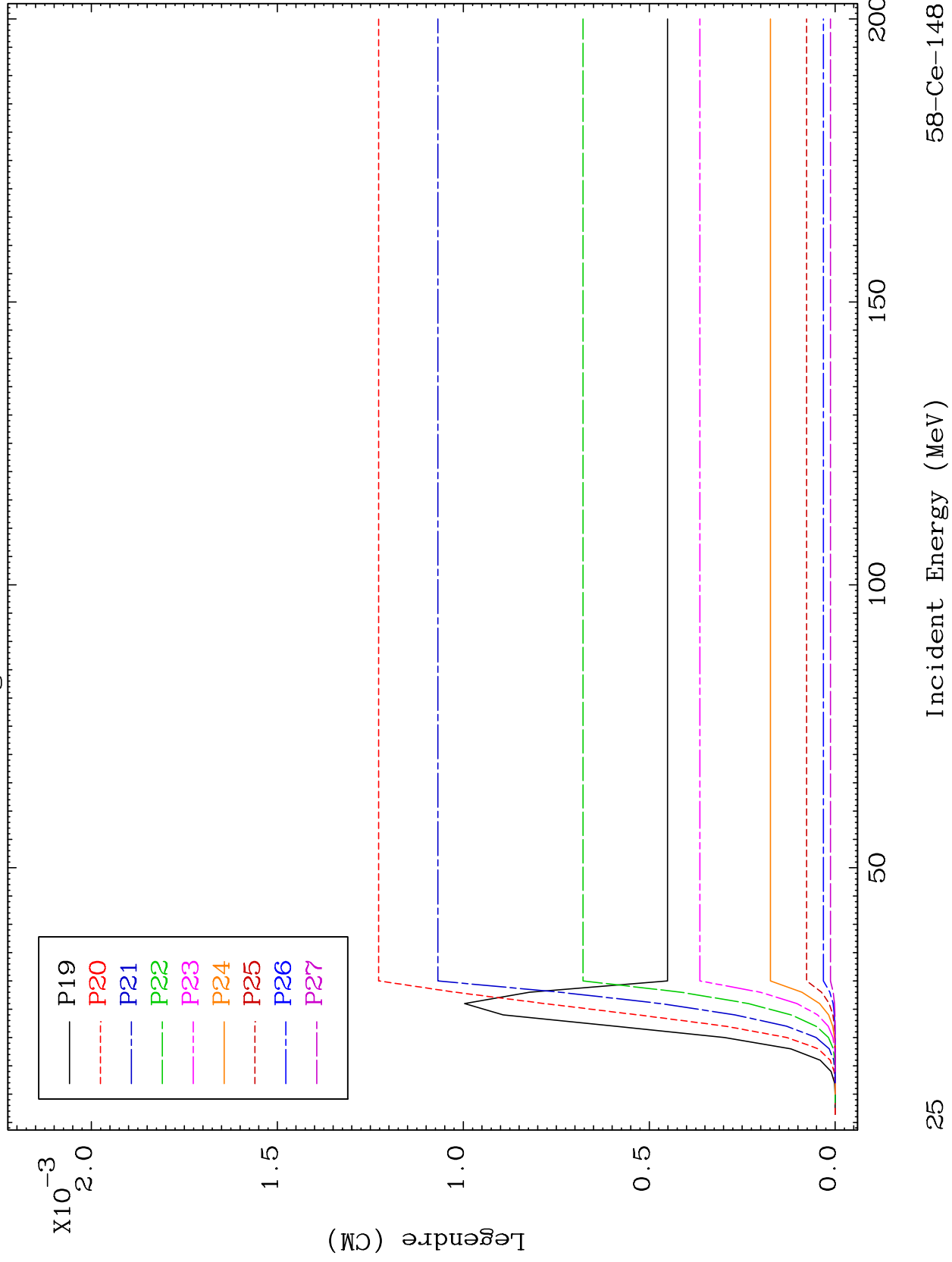
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

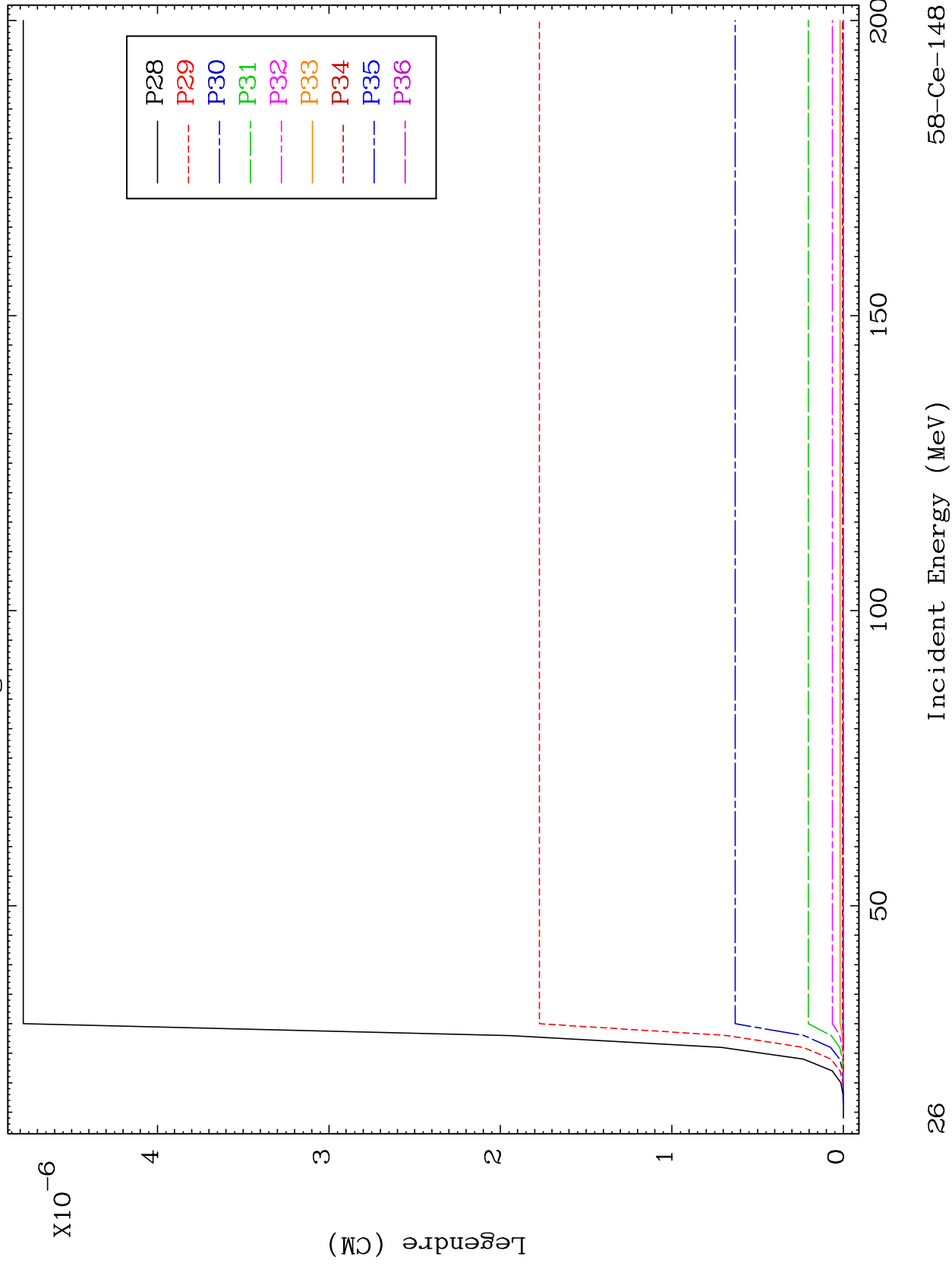
58-Ce-148



MAT 5861

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

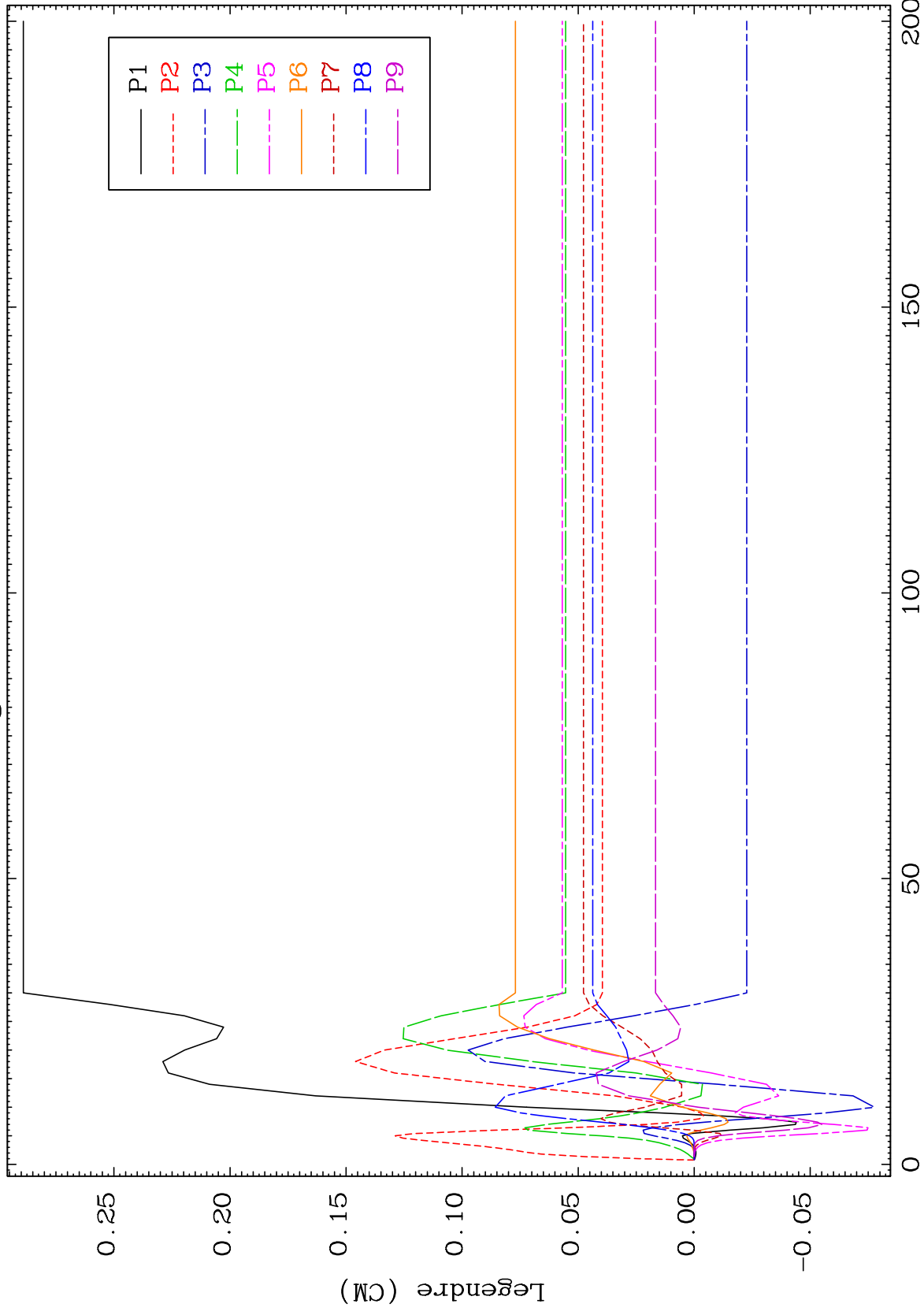
58-Ce-148



MAT 5861

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

58-Ce-148



27

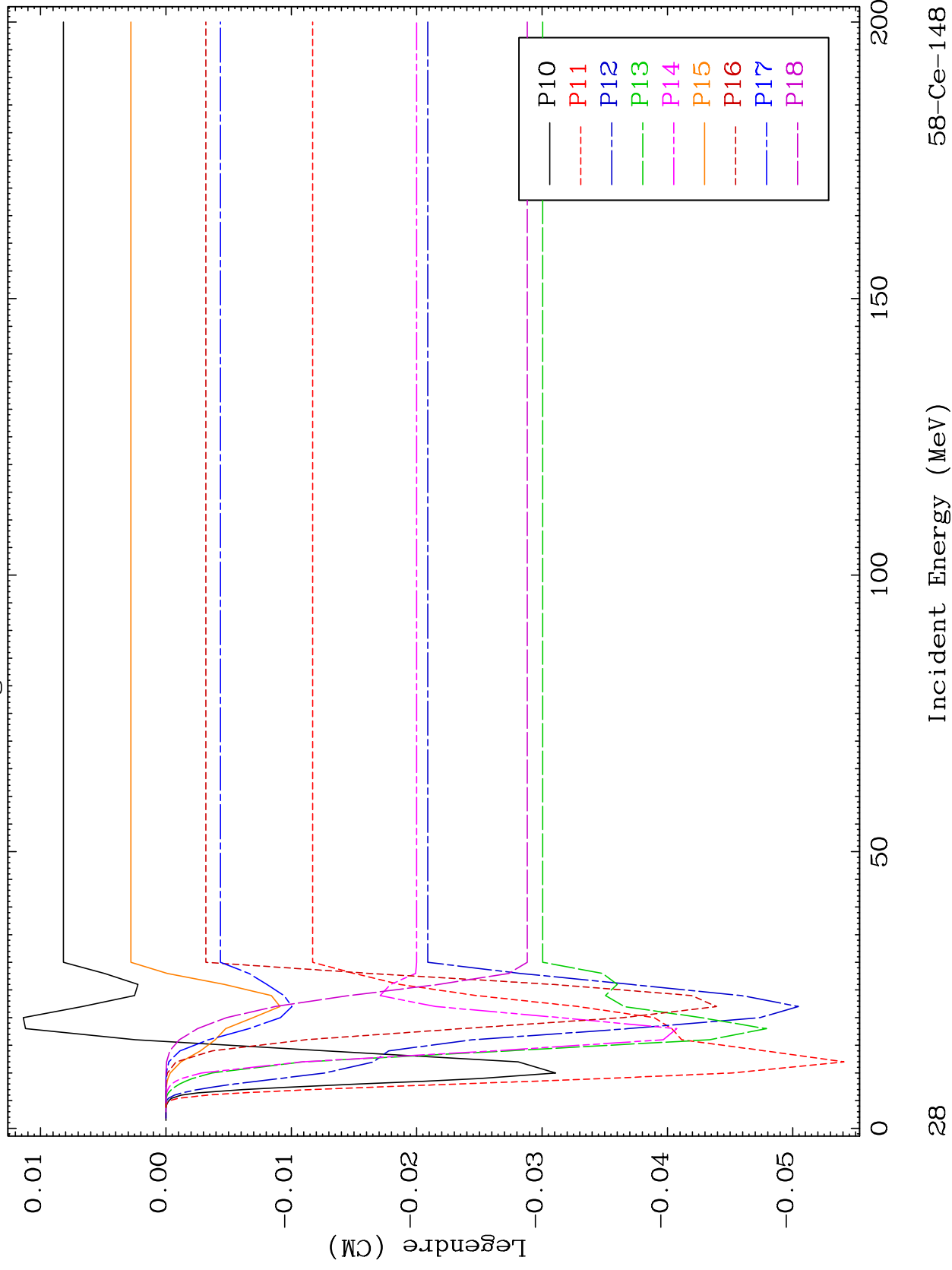
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148

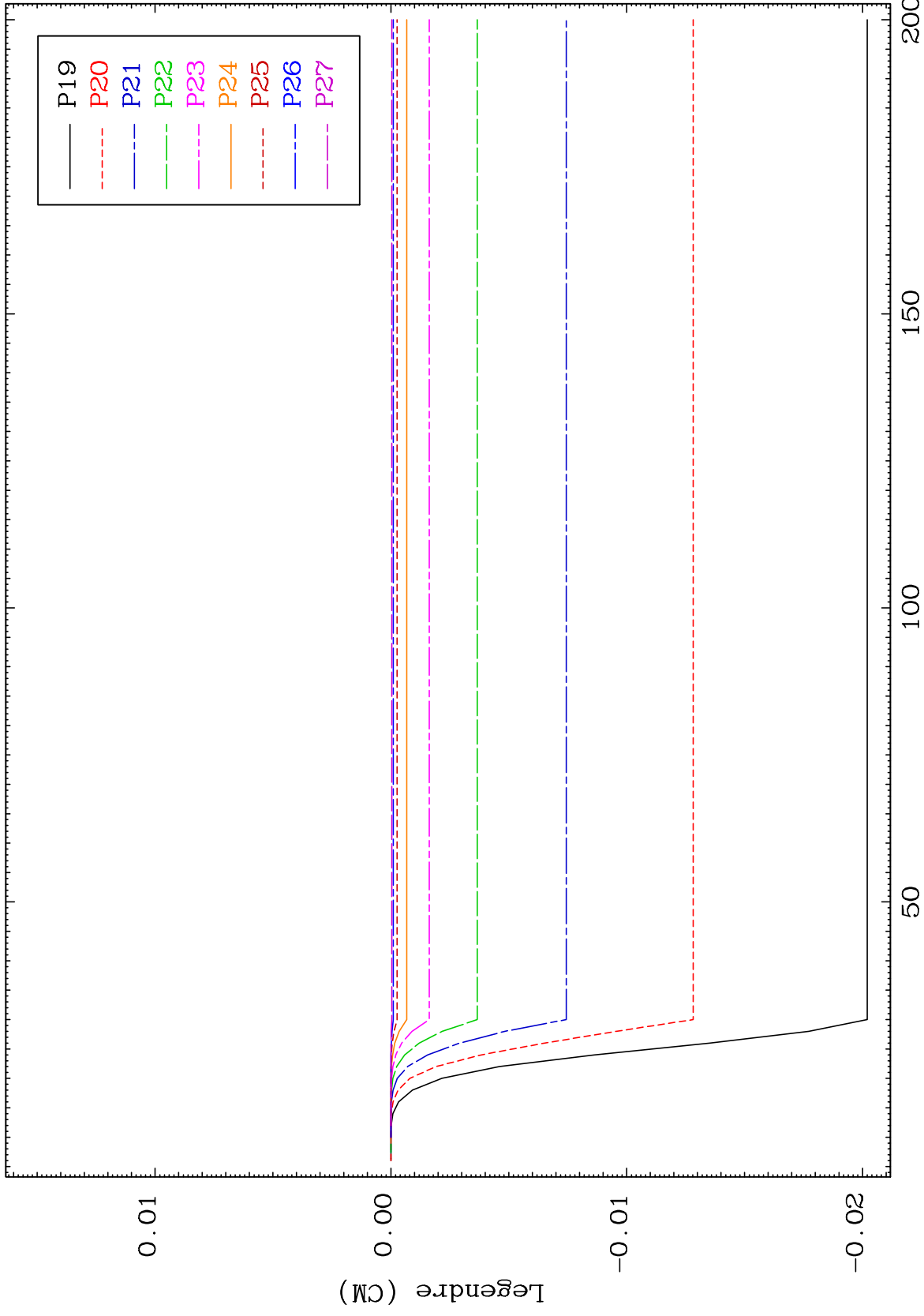


28

MAT 5861

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

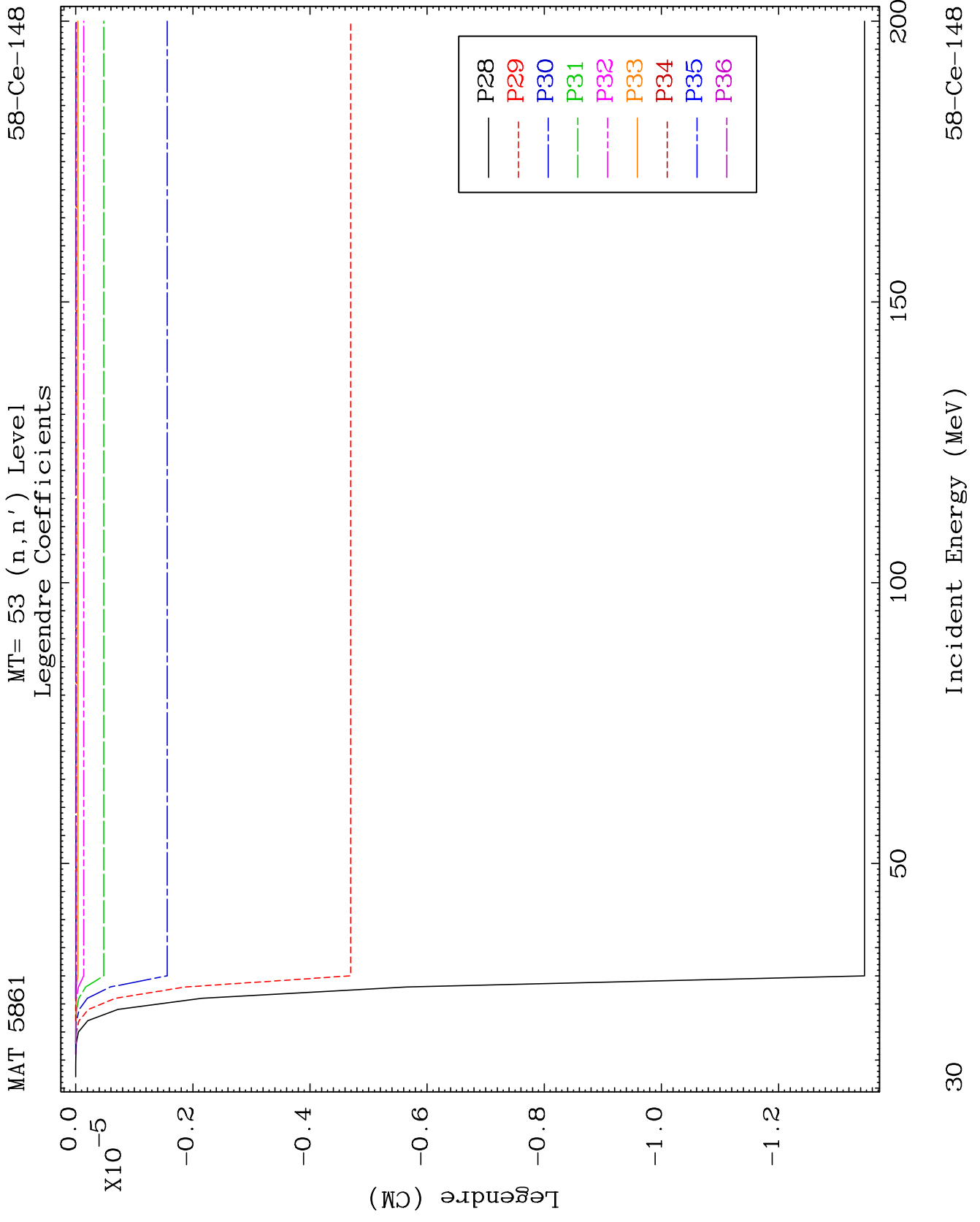
58-Ce-148

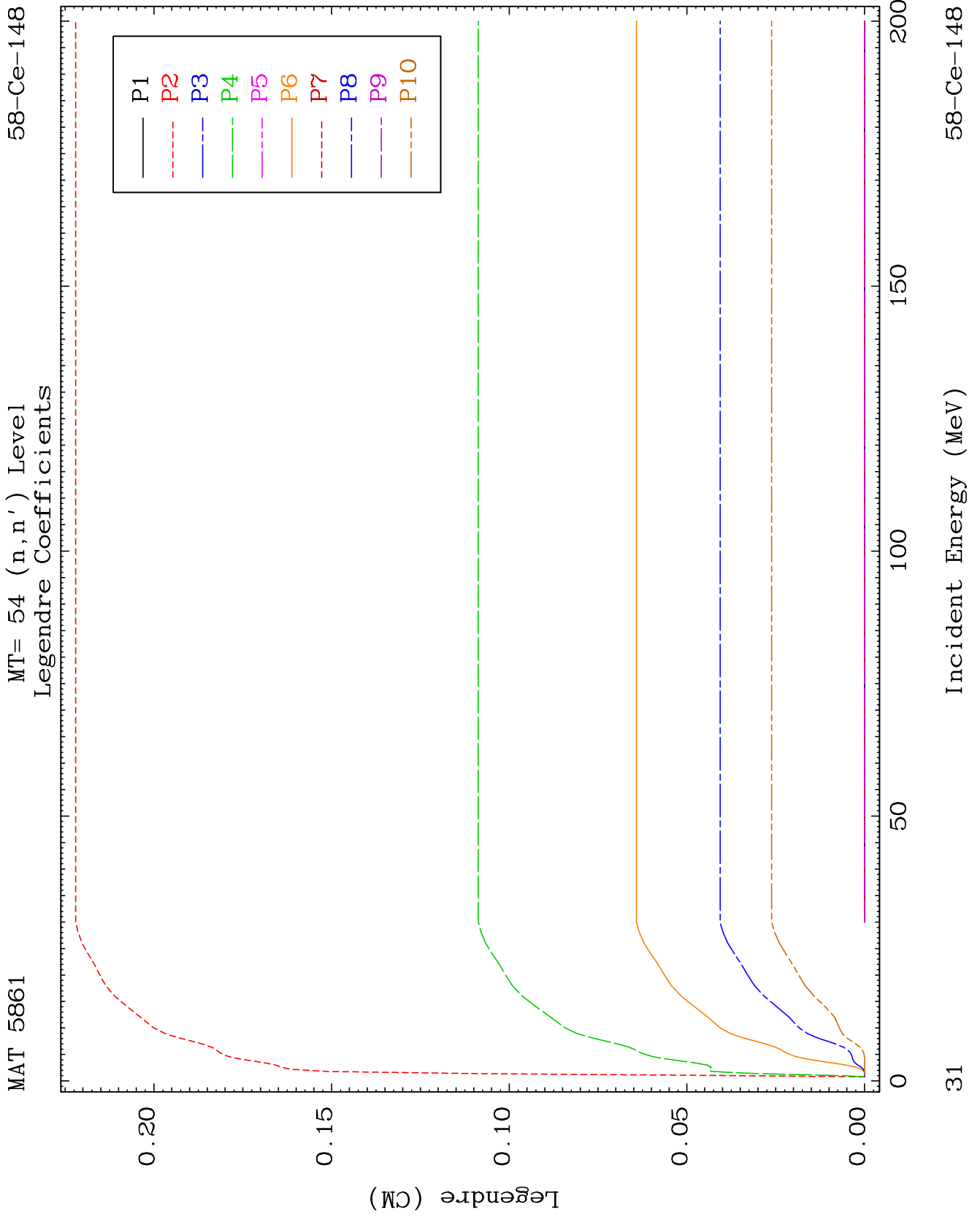


29

Incident Energy (MeV)

58-Ce-148

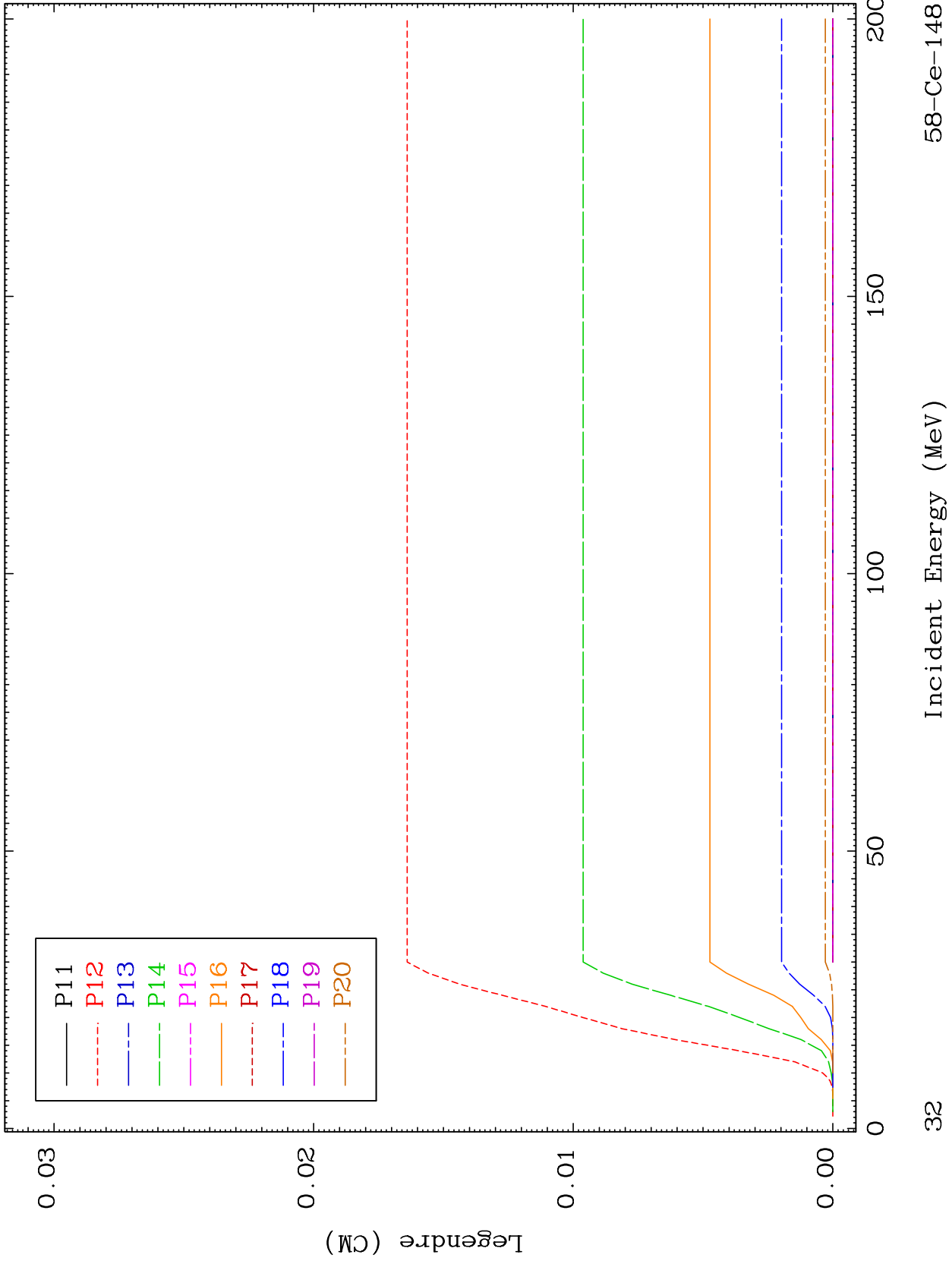




MAT 5861

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

58-Ce-148



58-Ce-148

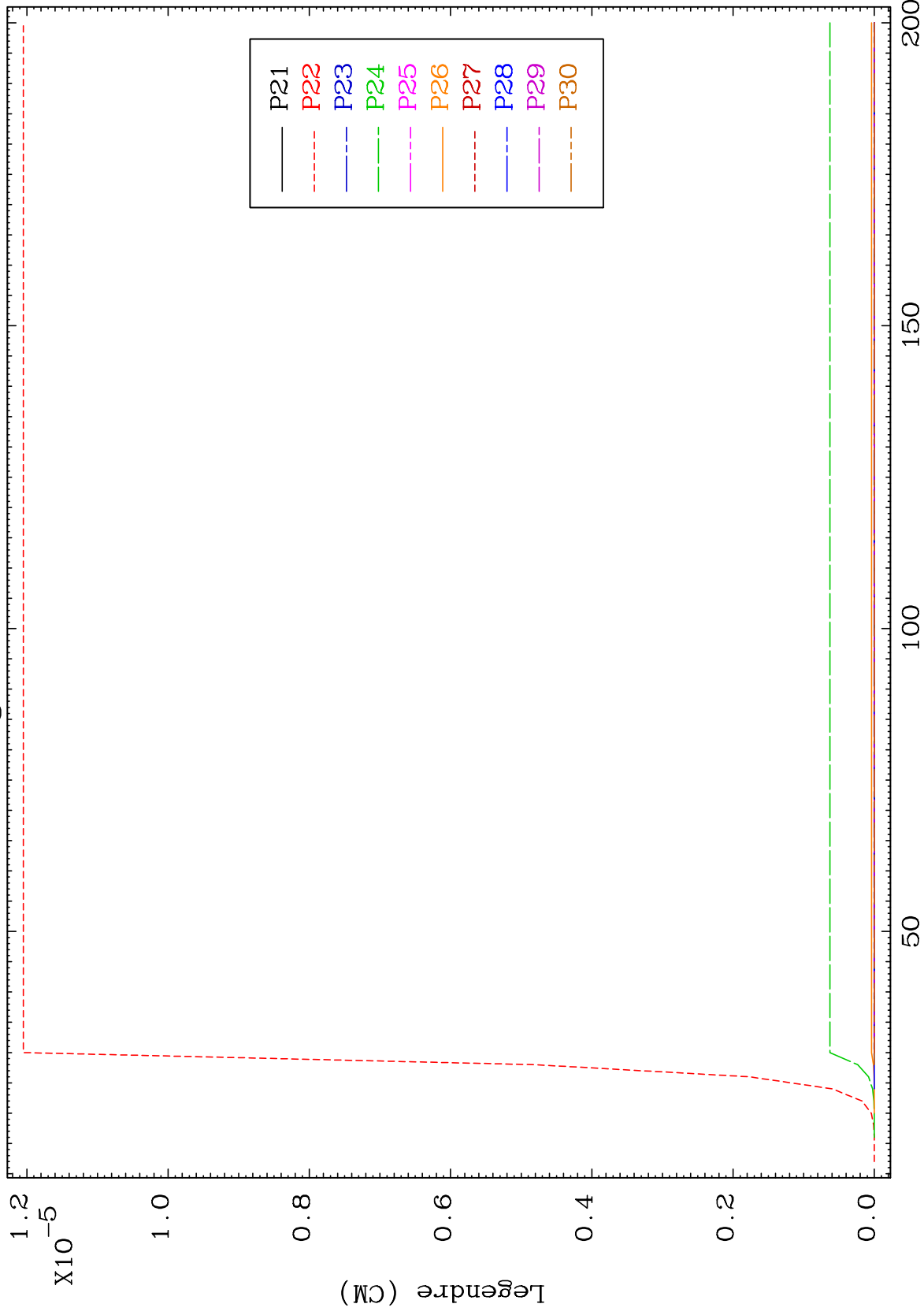
Incident Energy (MeV)

32

MAT 5861

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

58-Ce-148



33

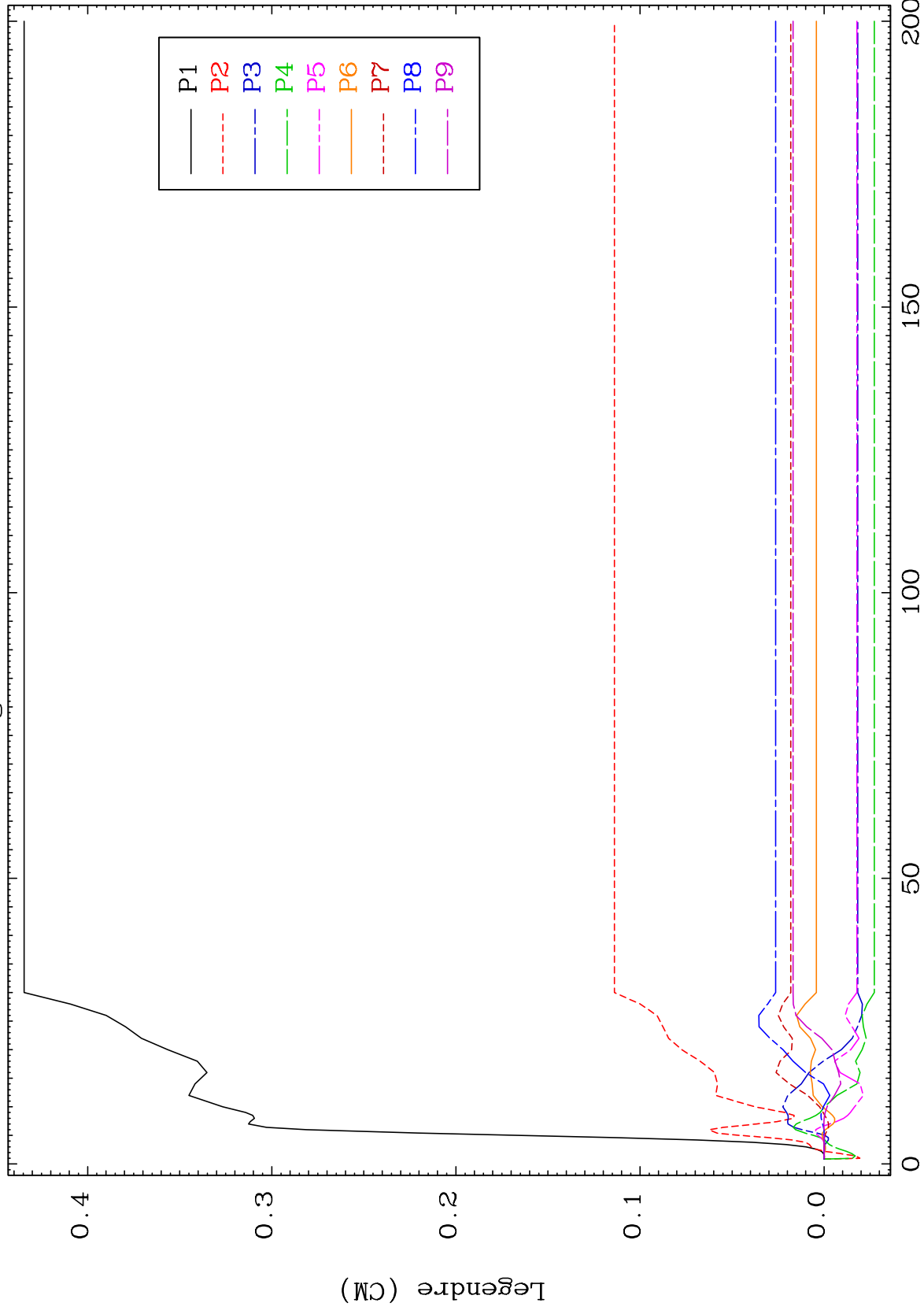
Incident Energy (MeV)

58-Ce-148

MAT 5861

MT= 55 (n,n') Level
Legendre Coefficients

58-Ce-148



34

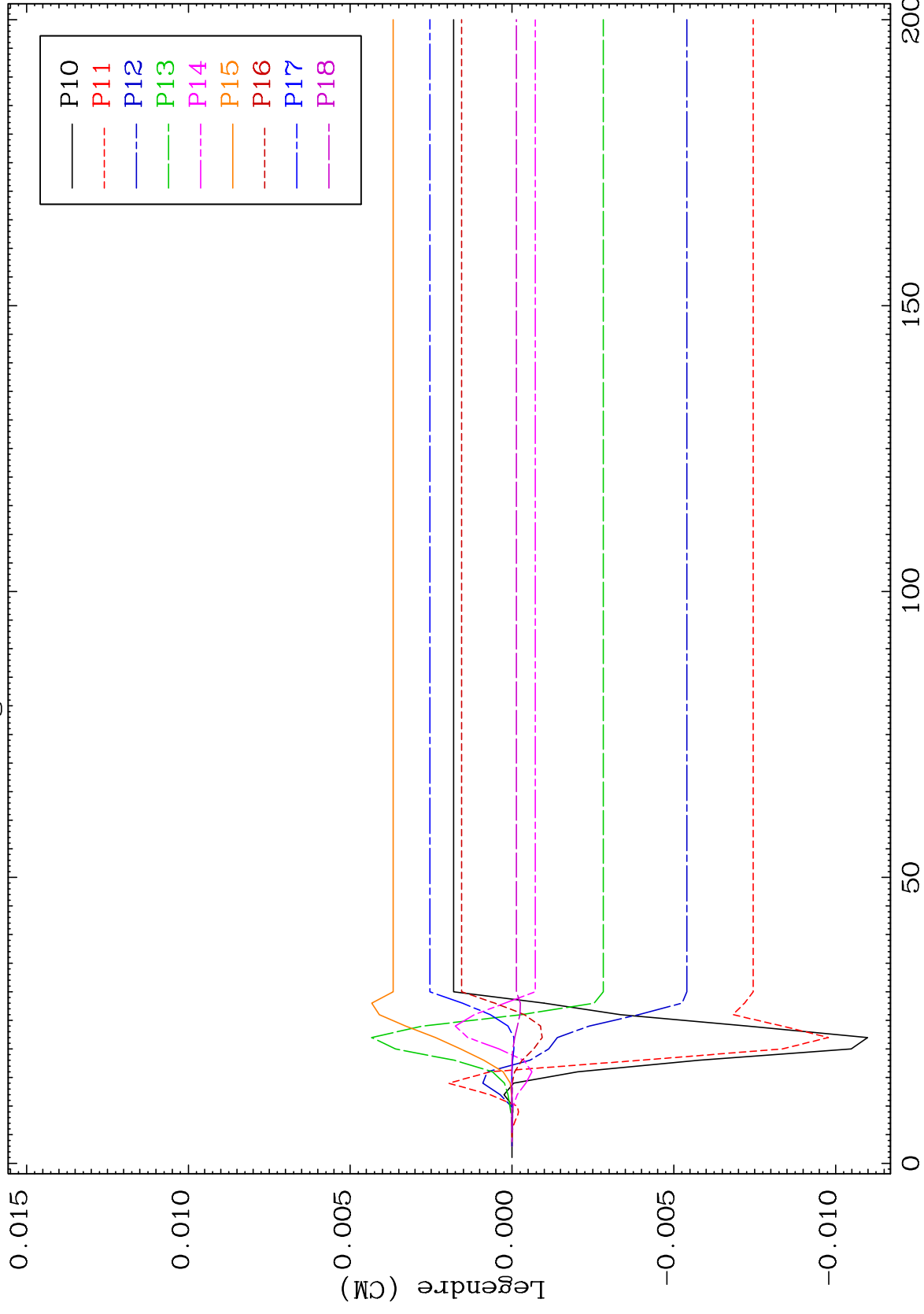
Incident Energy (MeV)

58-Ce-148

MAT 5861

MT= 55 (n,n') Level
Legendre Coefficients

58-Ce-148



35

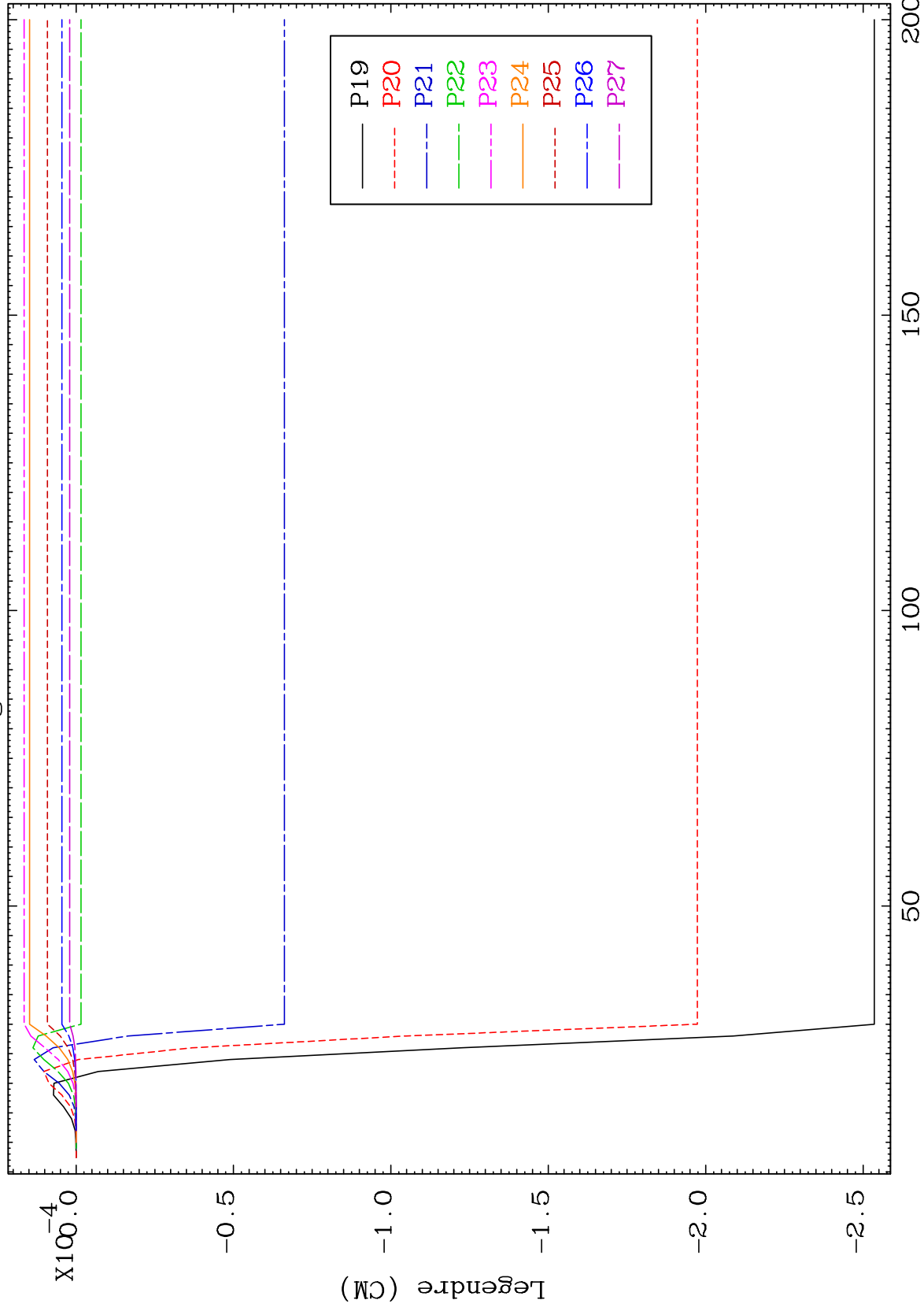
Incident Energy (MeV)

58-Ce-148

MAT 5861

58-Ce-148

MT= 55 (n,n') Level
Legendre Coefficients



36

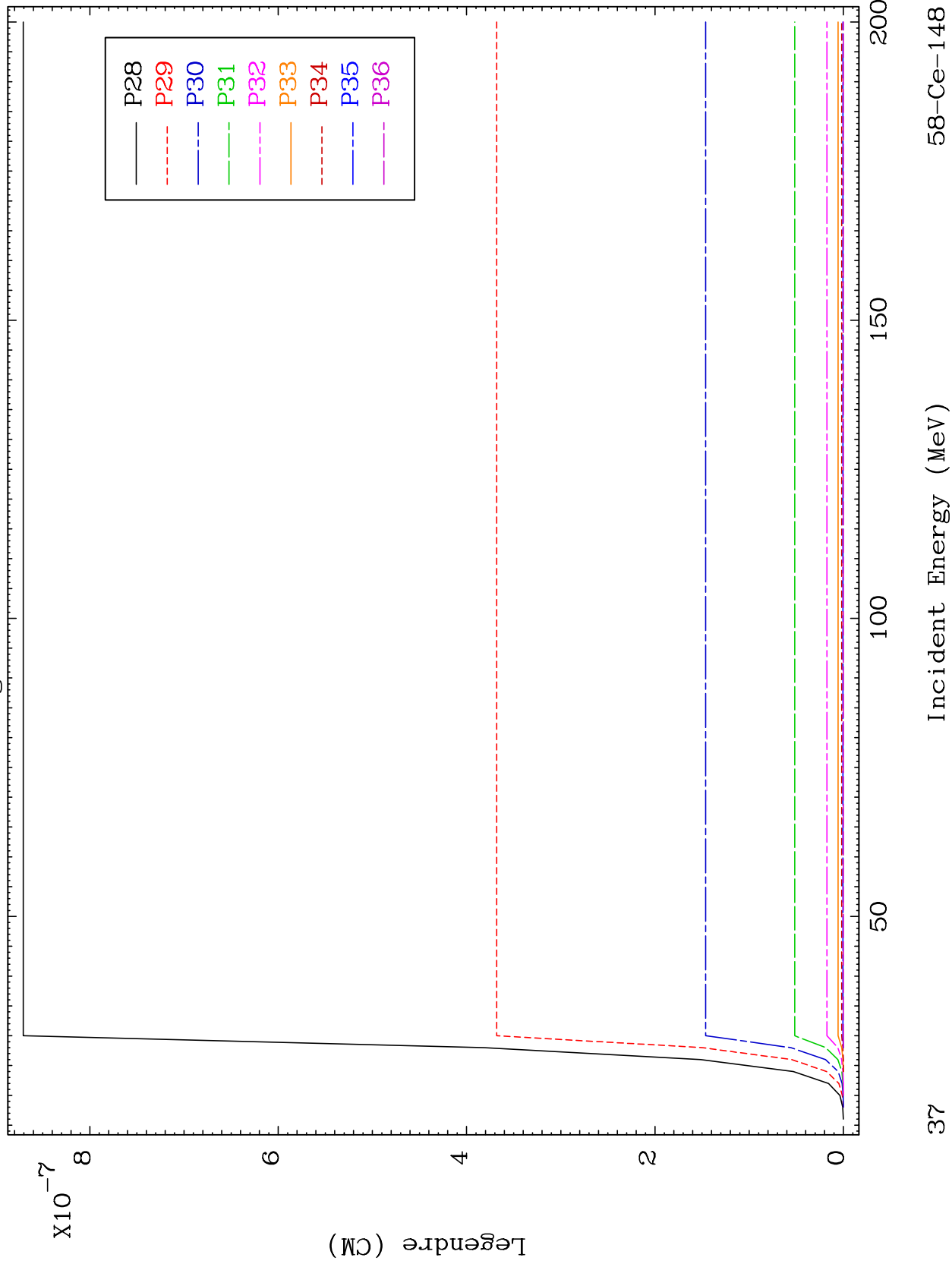
Incident Energy (MeV)

58-Ce-148

MAT 5861

MT= 55 (n,n') Level
Legendre Coefficients

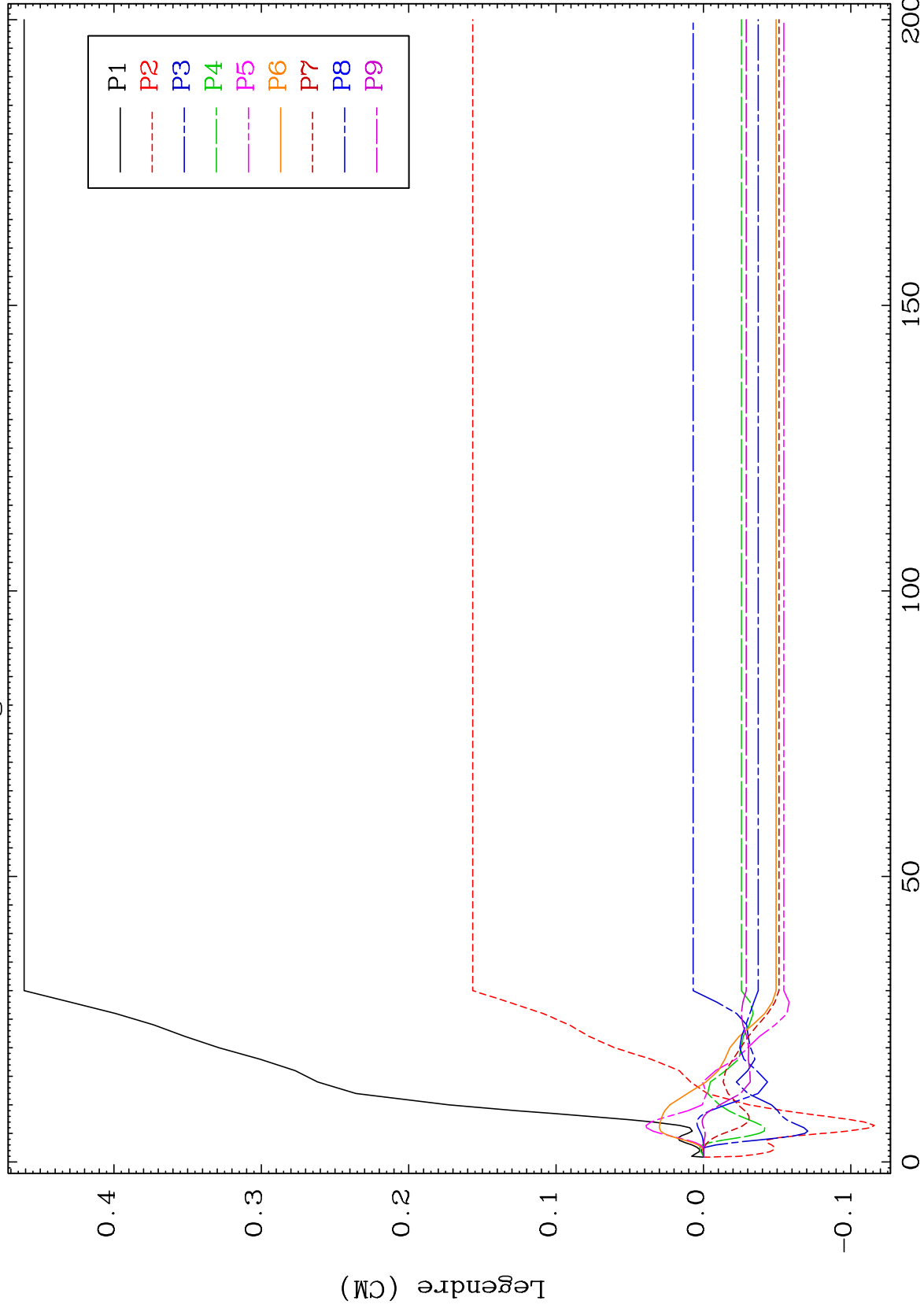
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

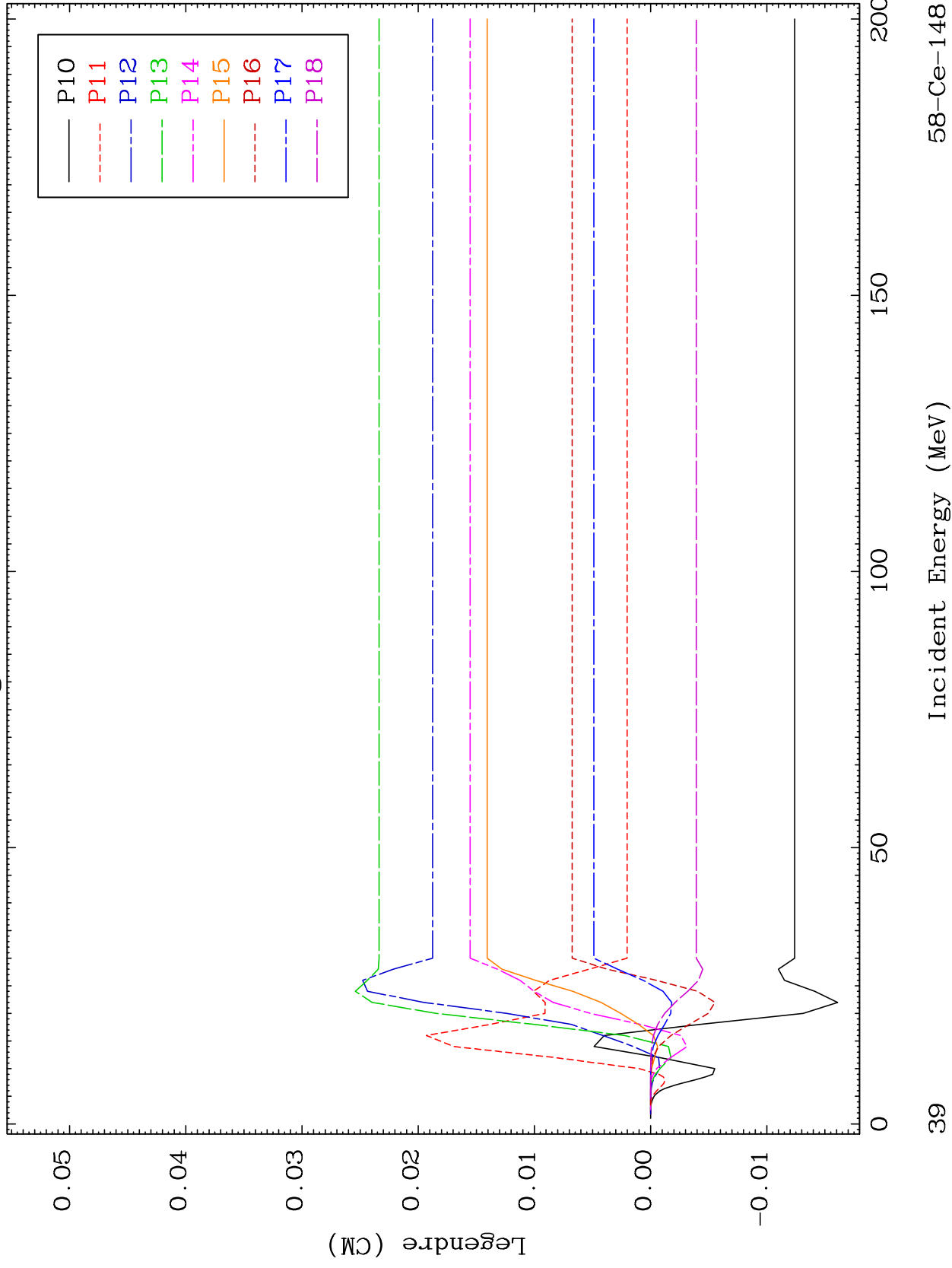
Incident Energy (MeV)

38

MAT 5861

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

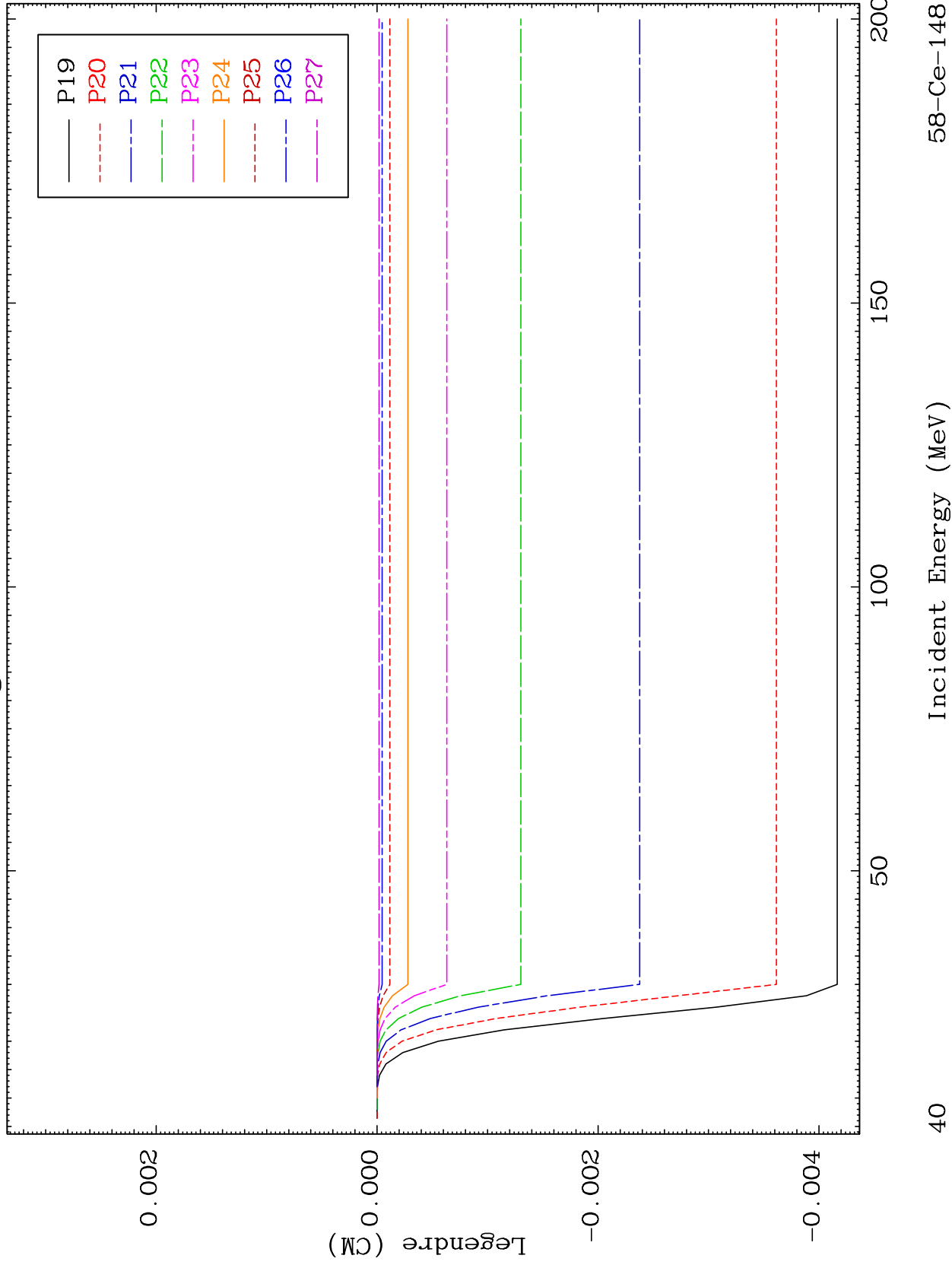
58-Ce-148

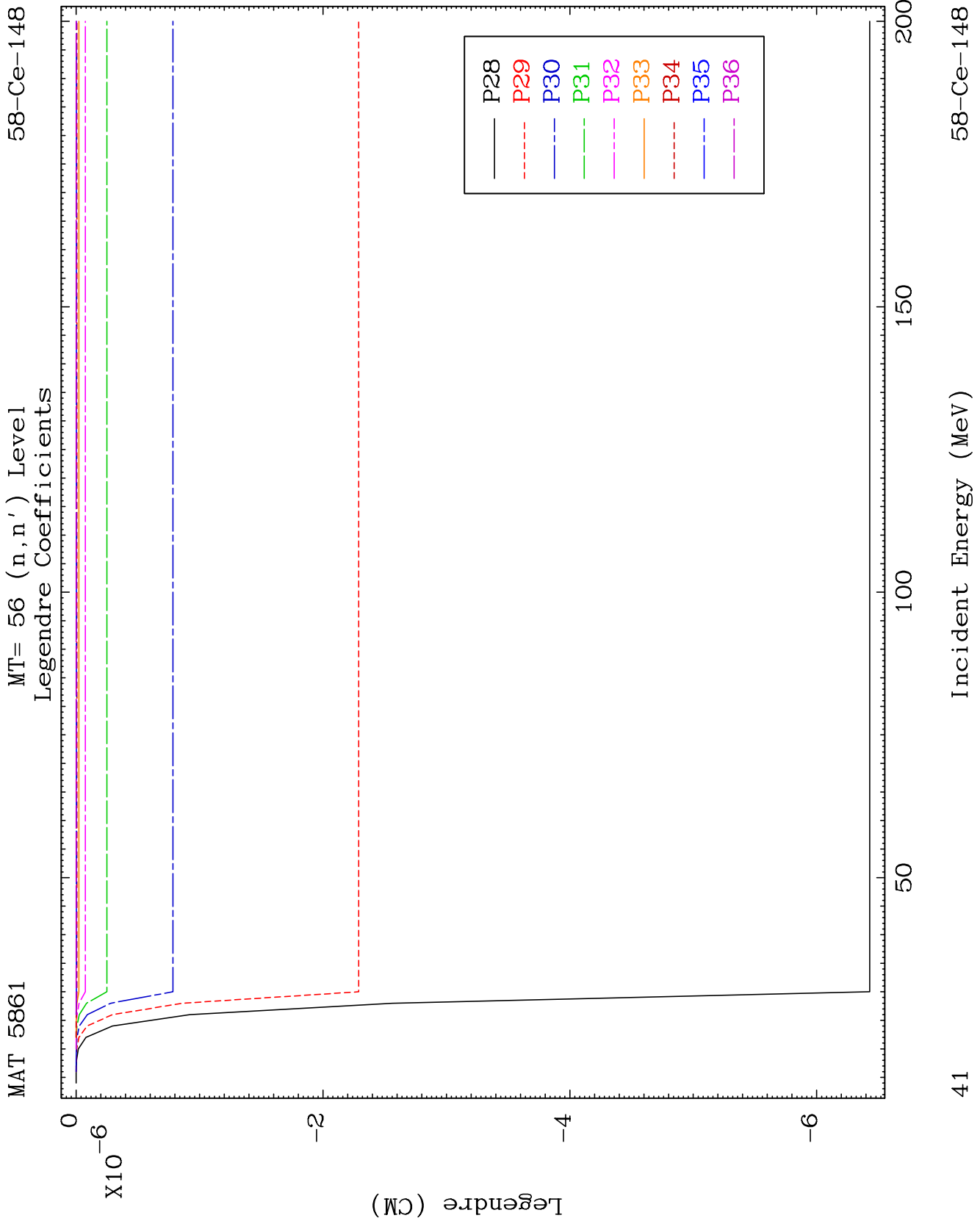


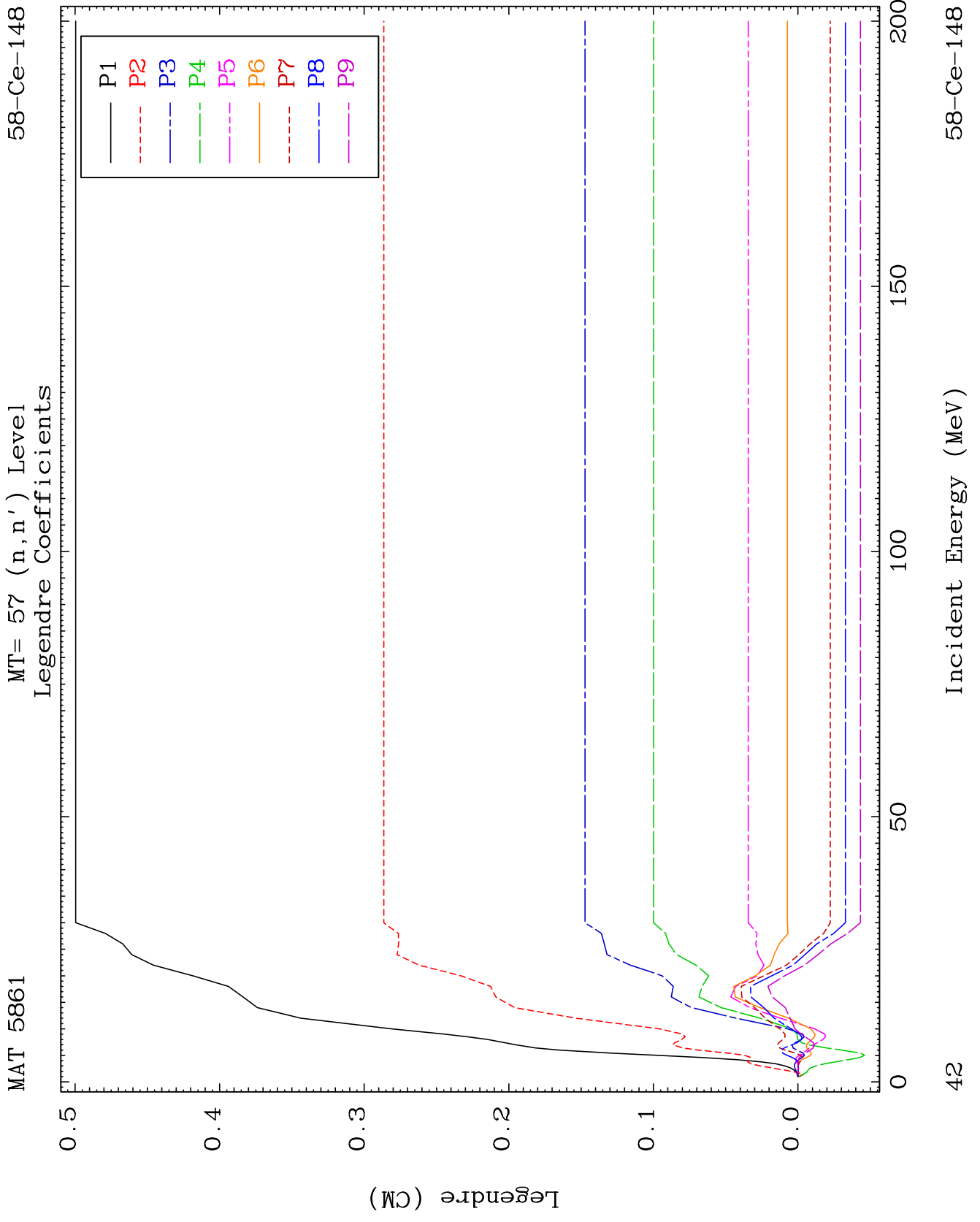
MAT 5861

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

58-Ce-148



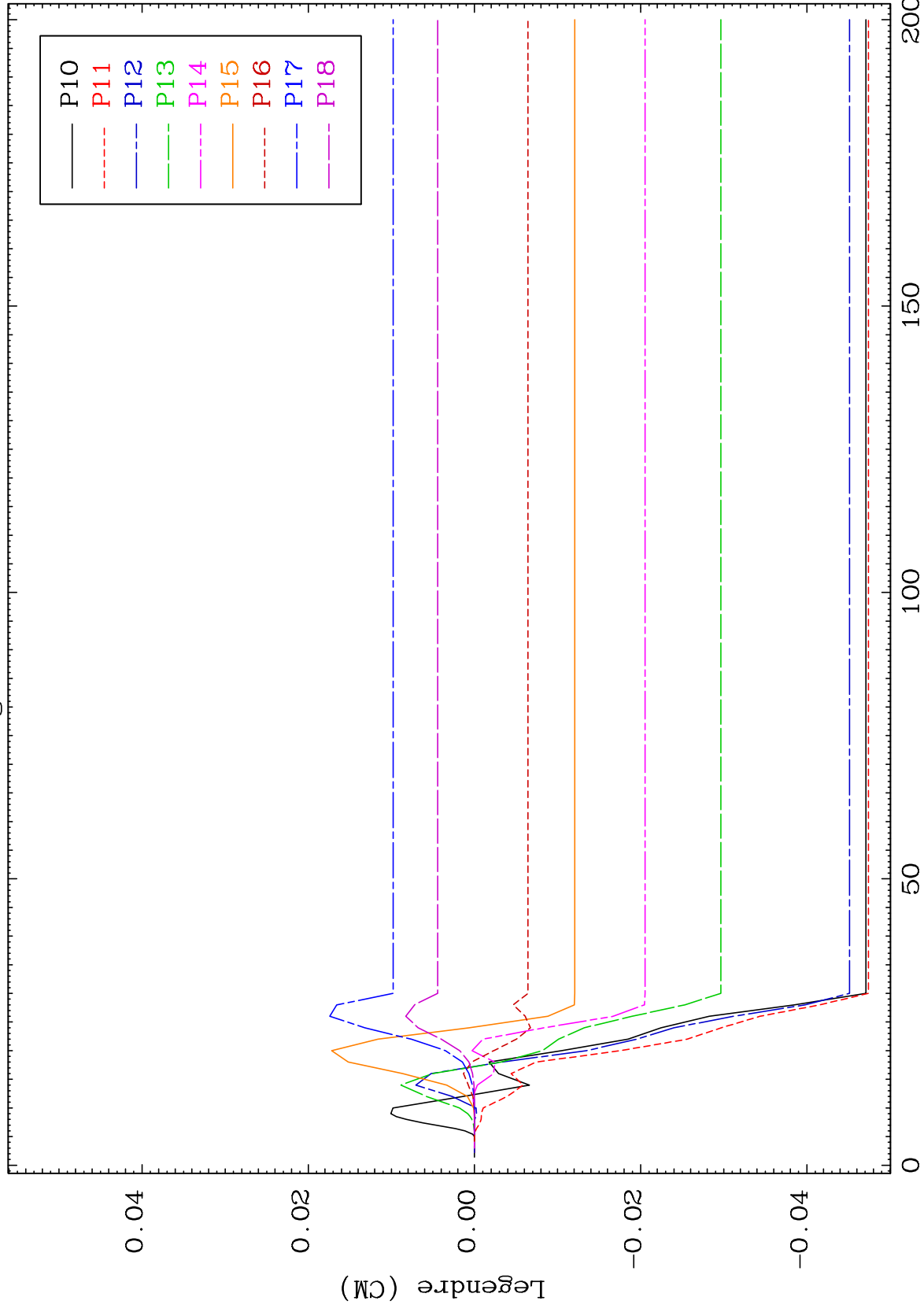




MAT 5861

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

58-Ce-148



43

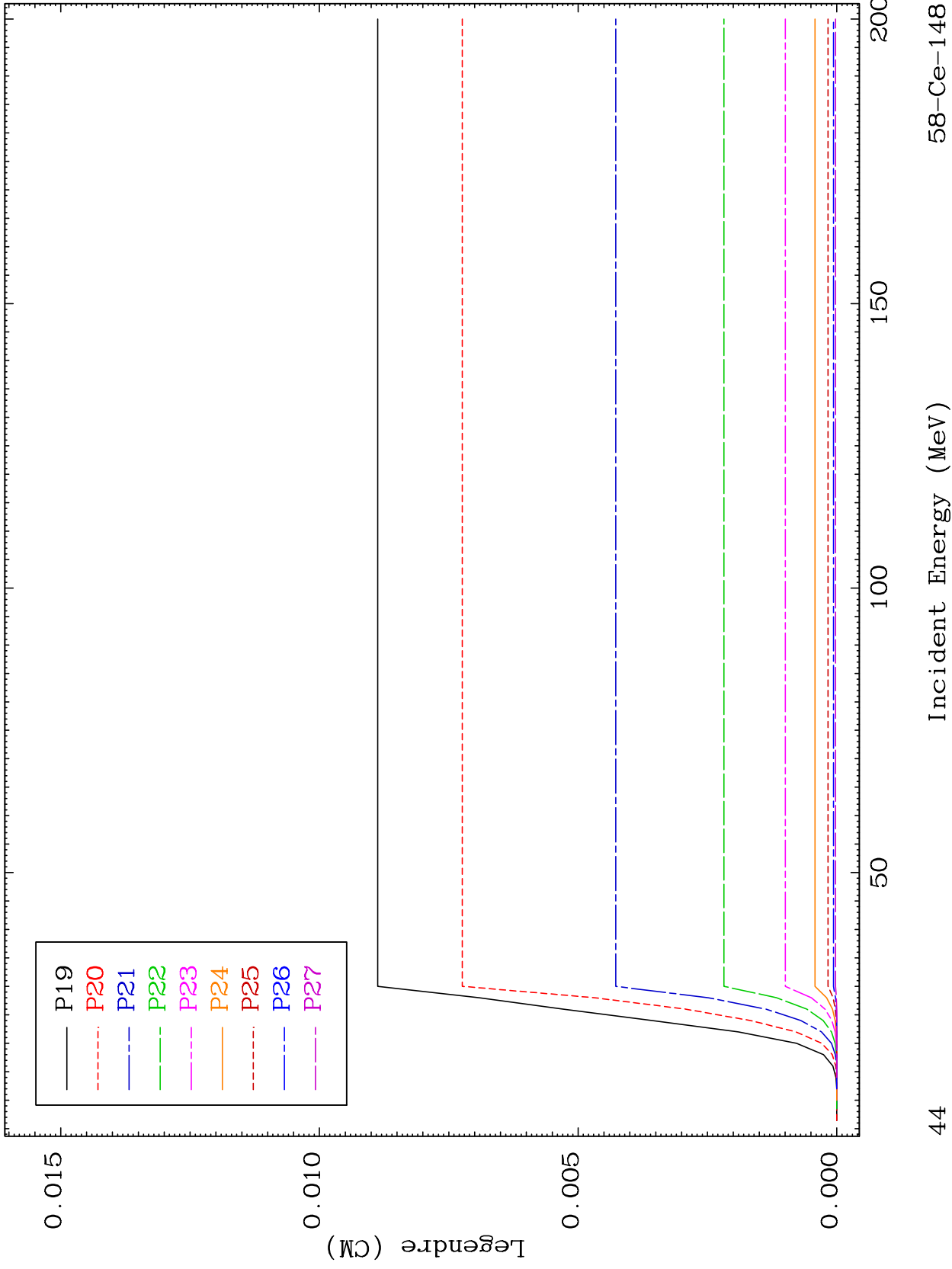
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



44

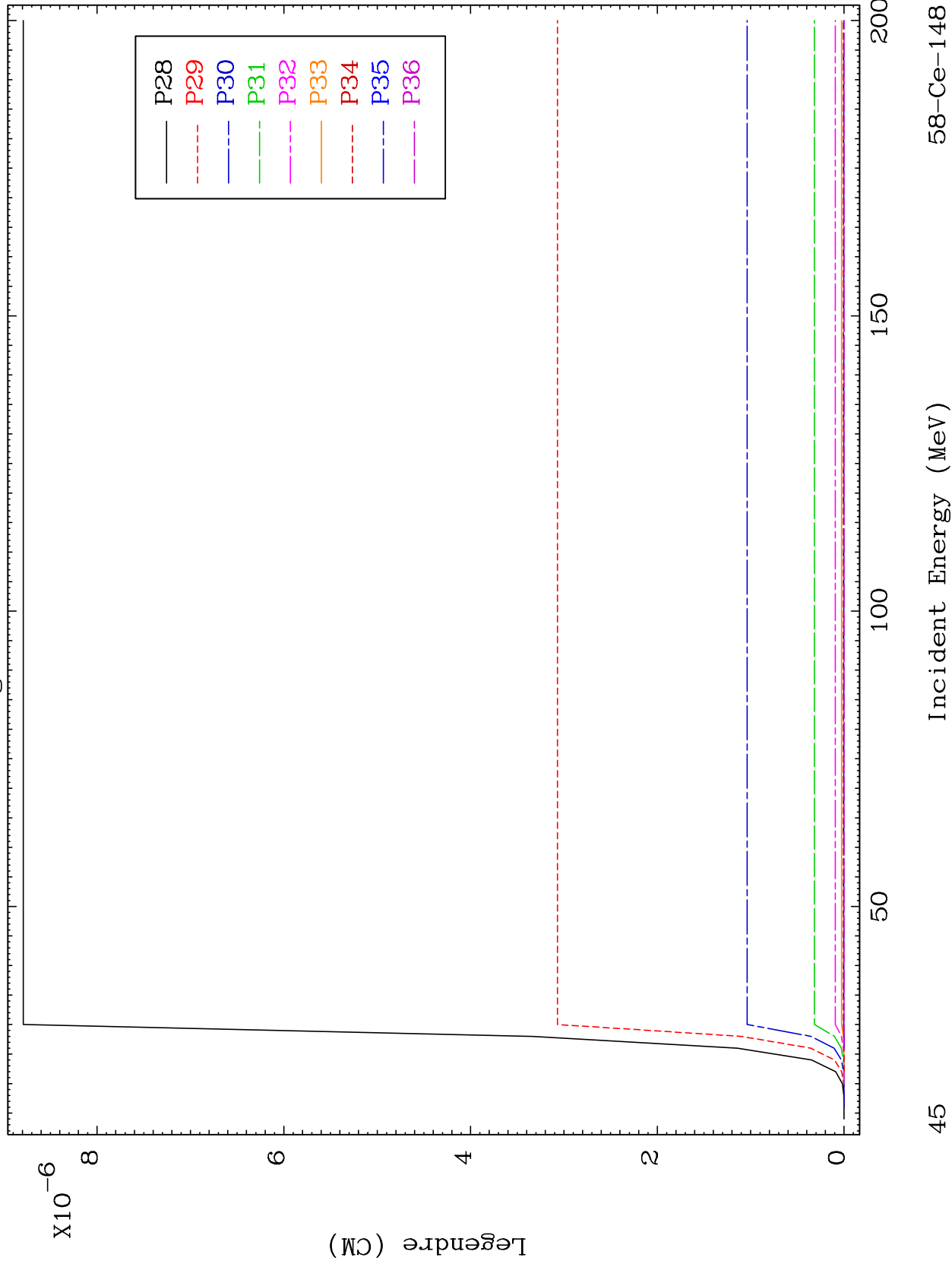
Incident Energy (MeV)

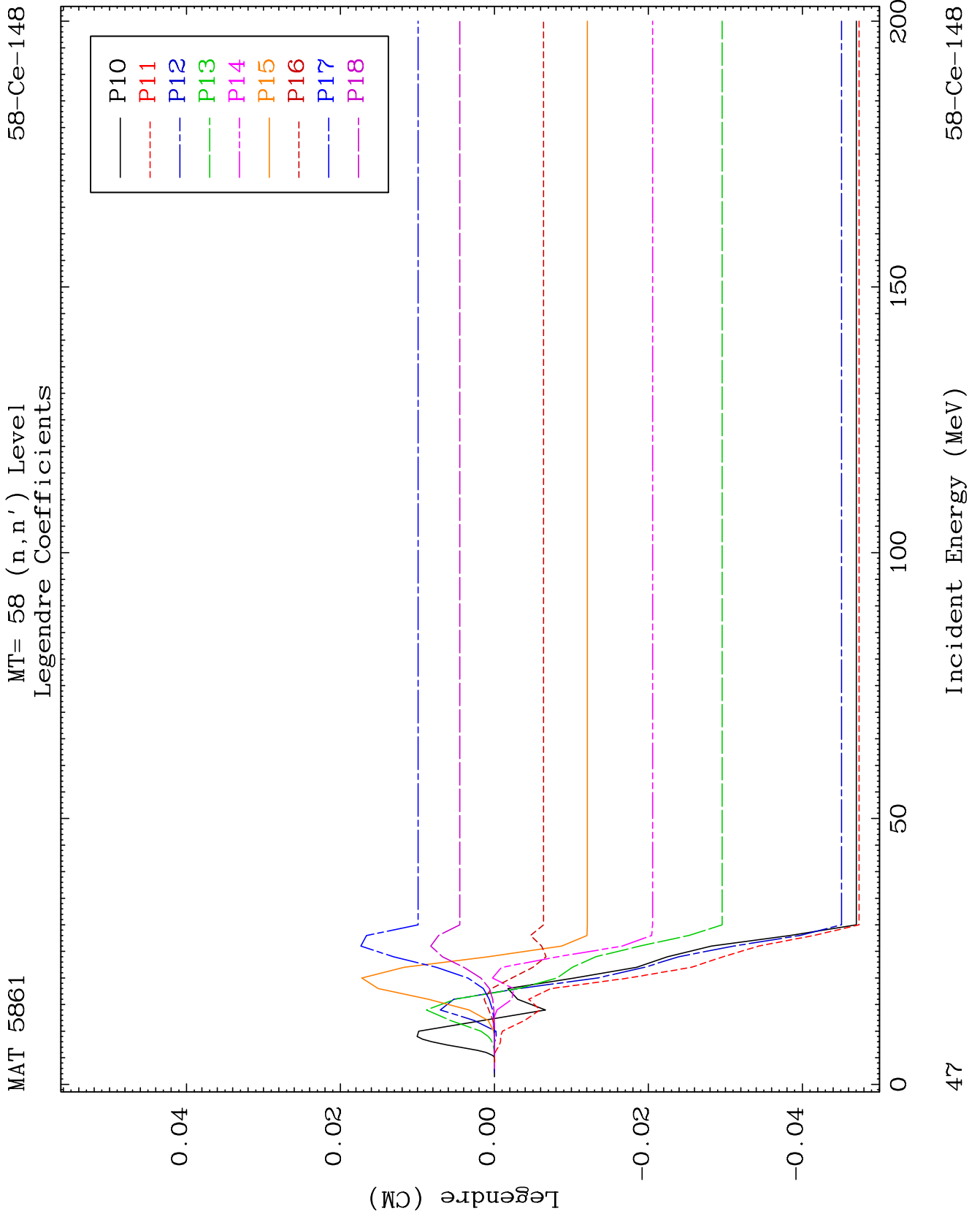
58-Ce-148

MAT 5861

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

58-Ce-148

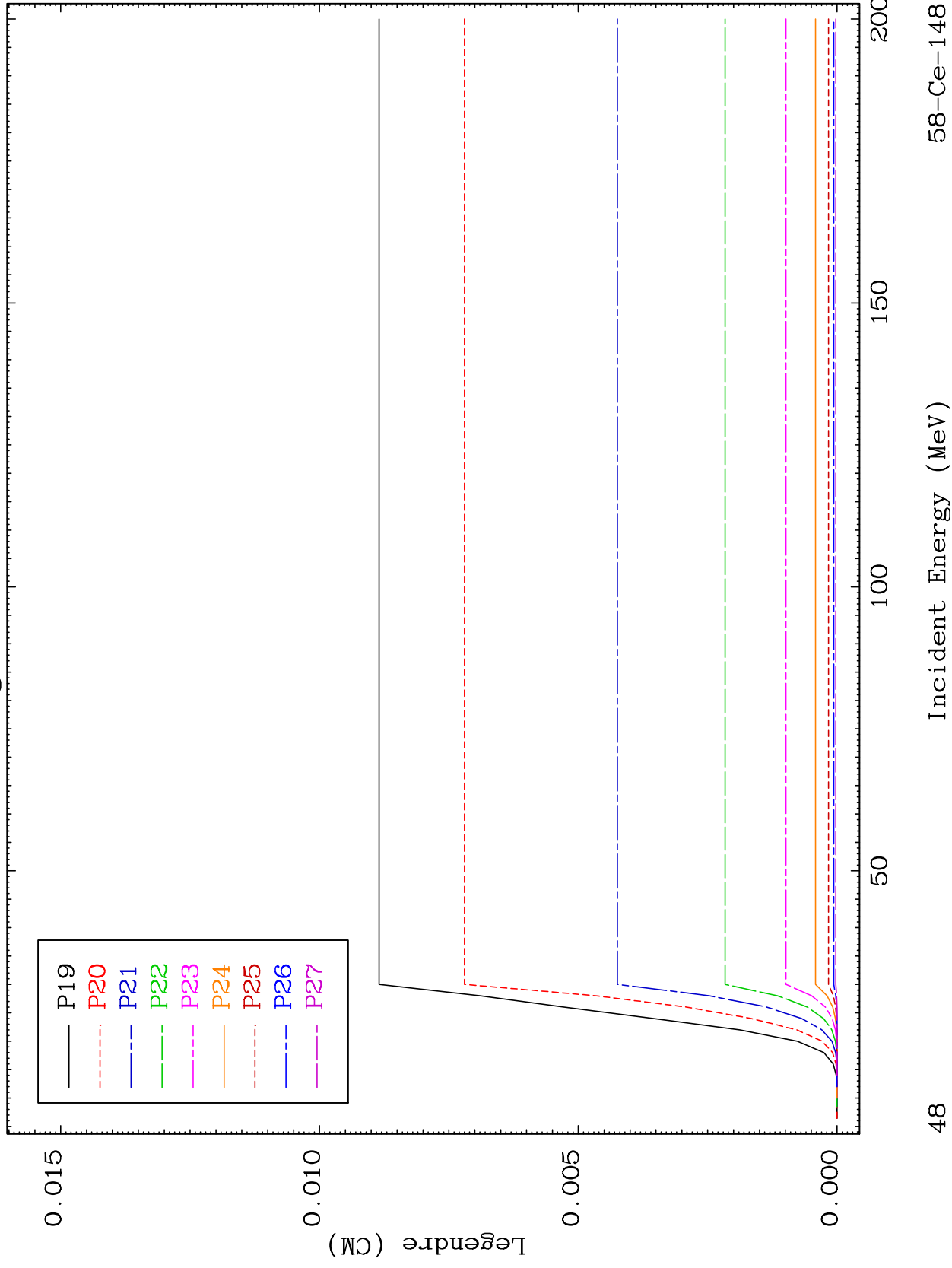




MAT 5861

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

58-Ce-148



48

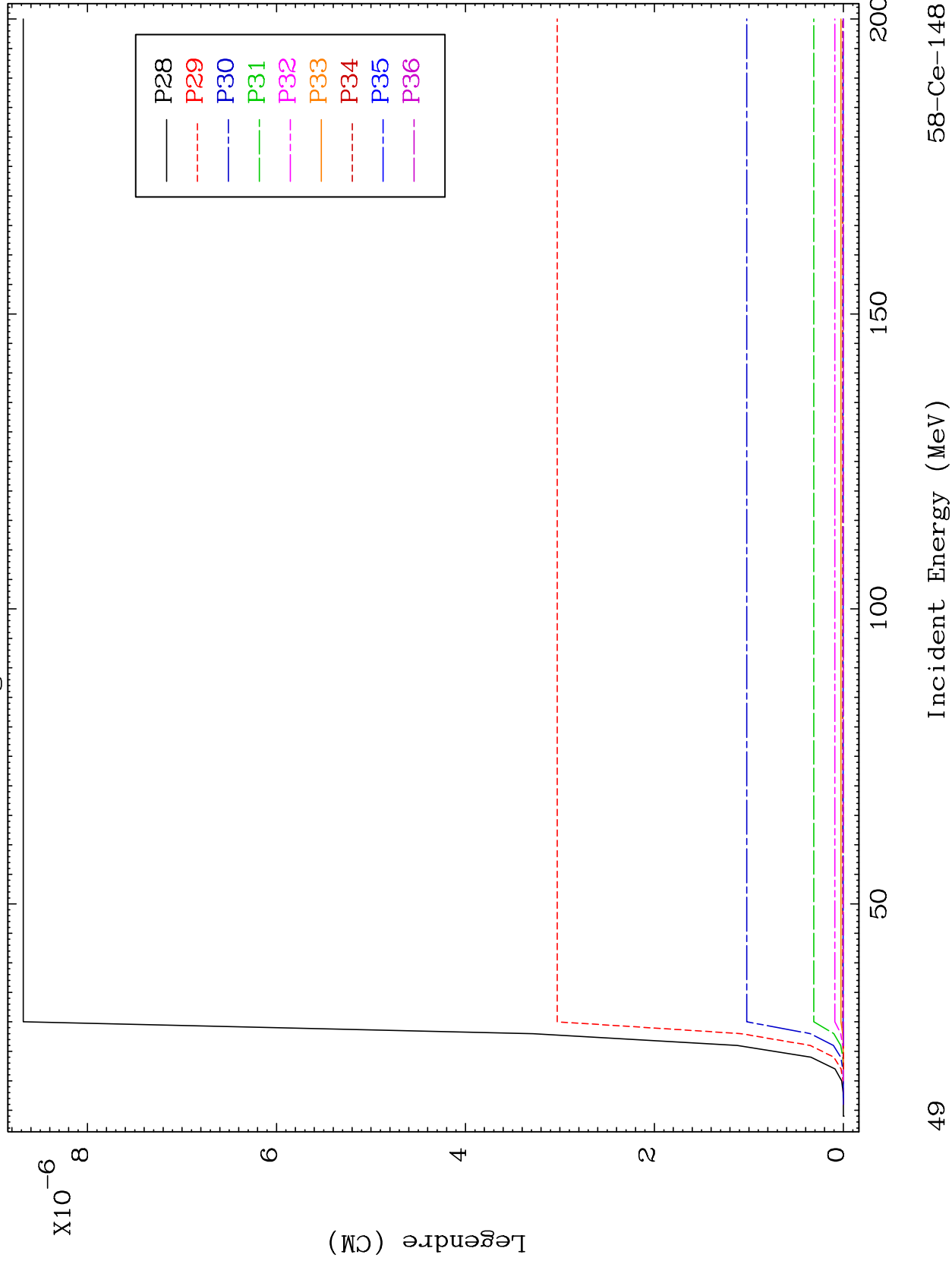
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



49

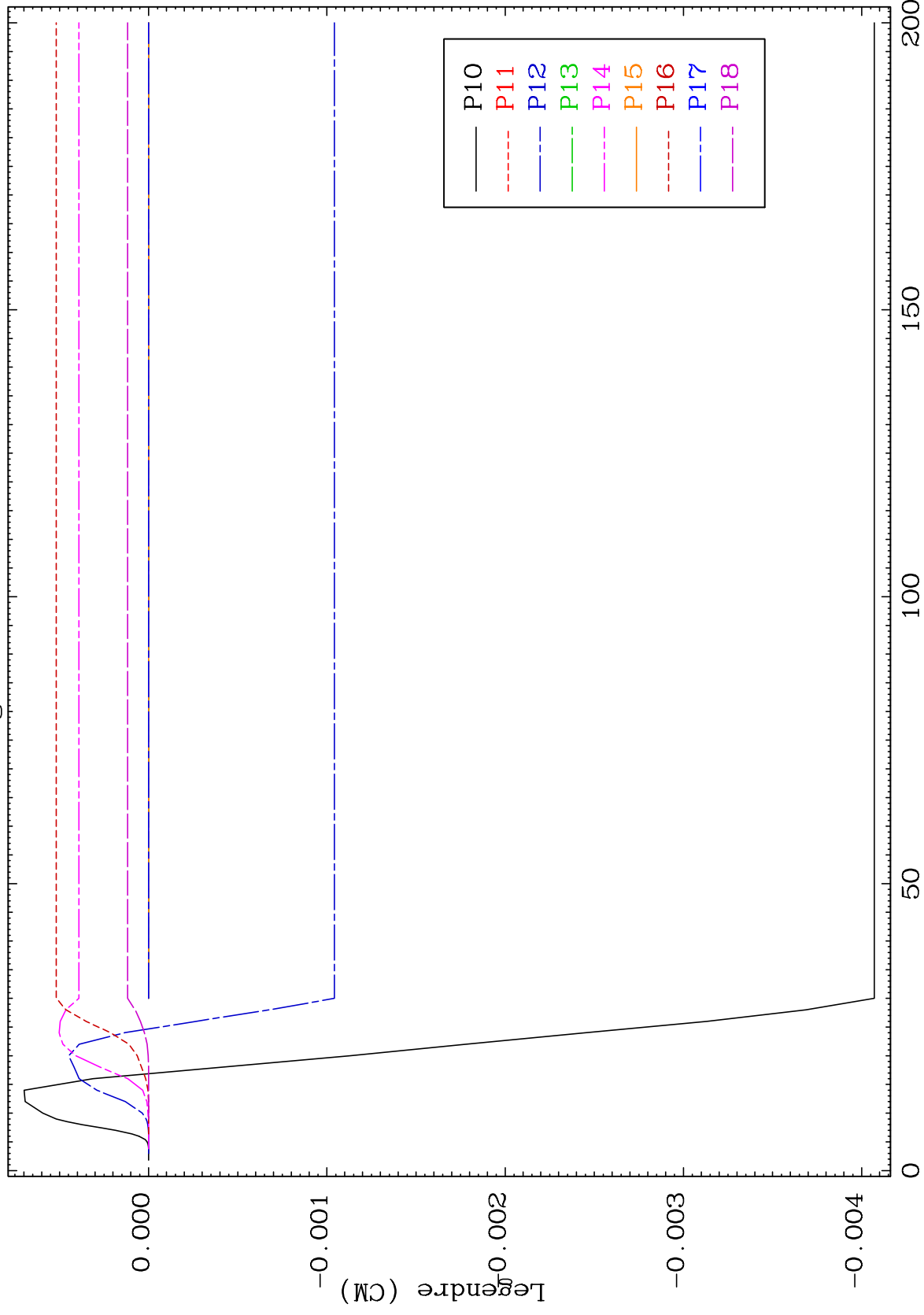
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

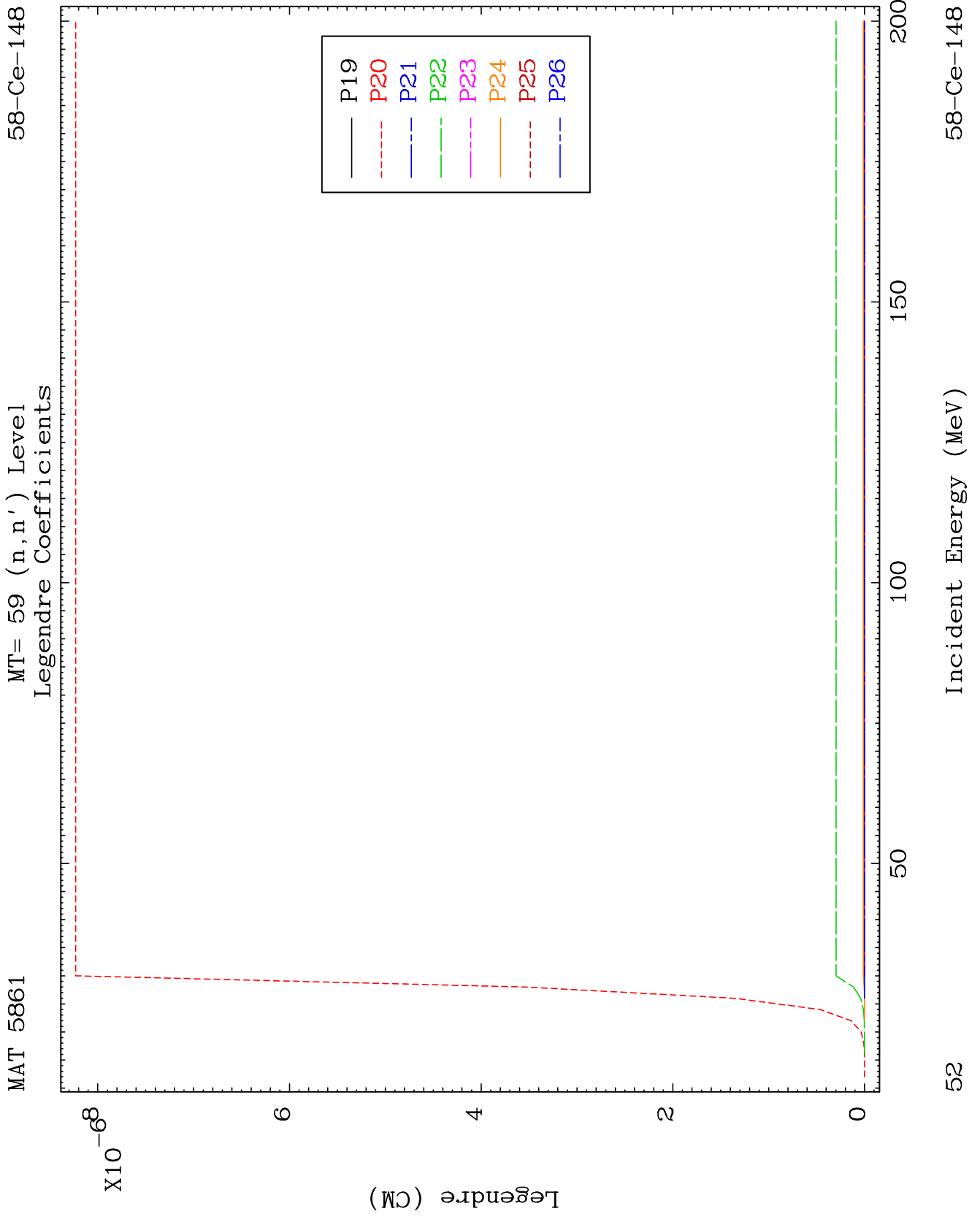
58-Ce-148



51

Incident Energy (MeV)

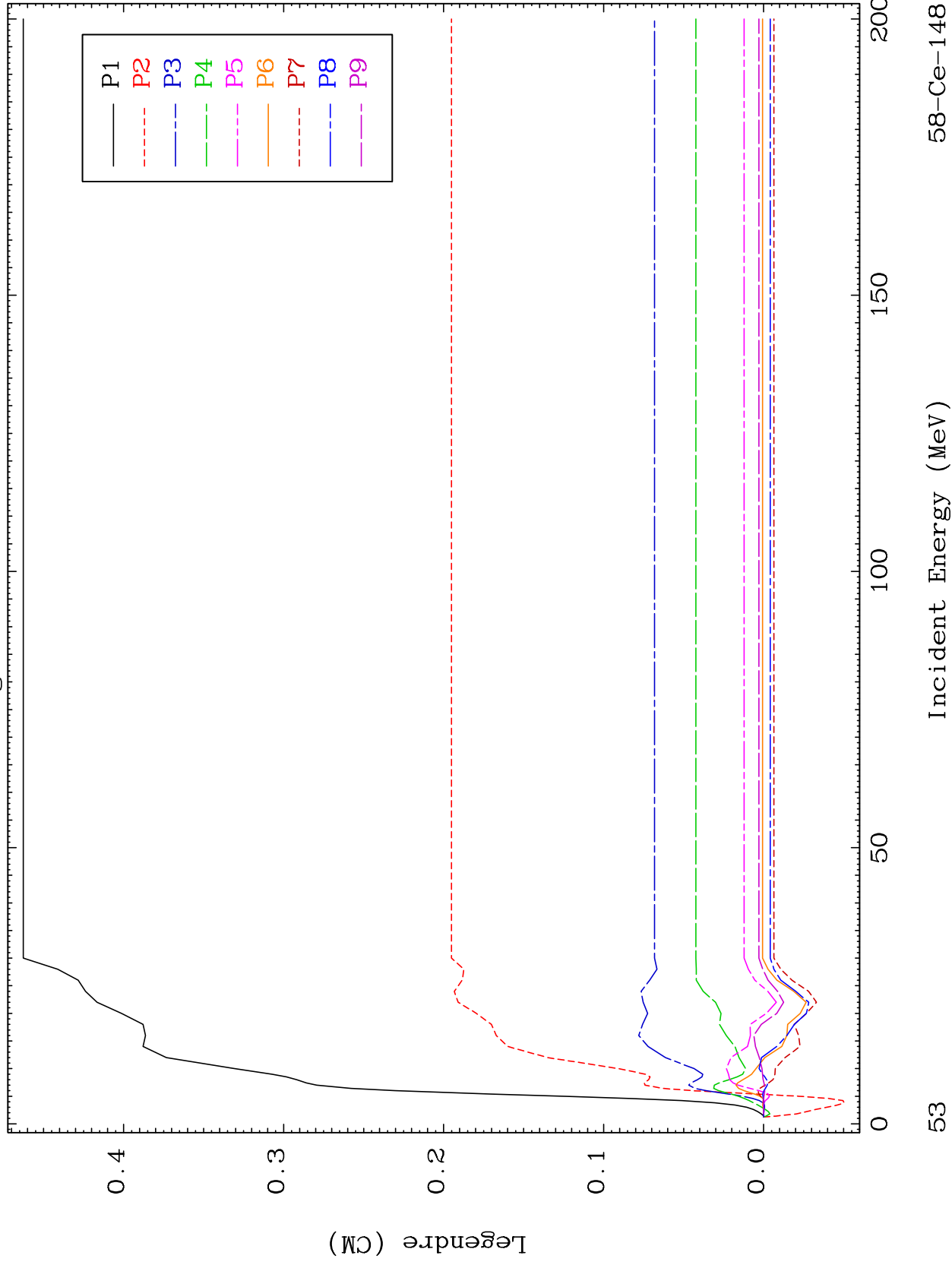
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

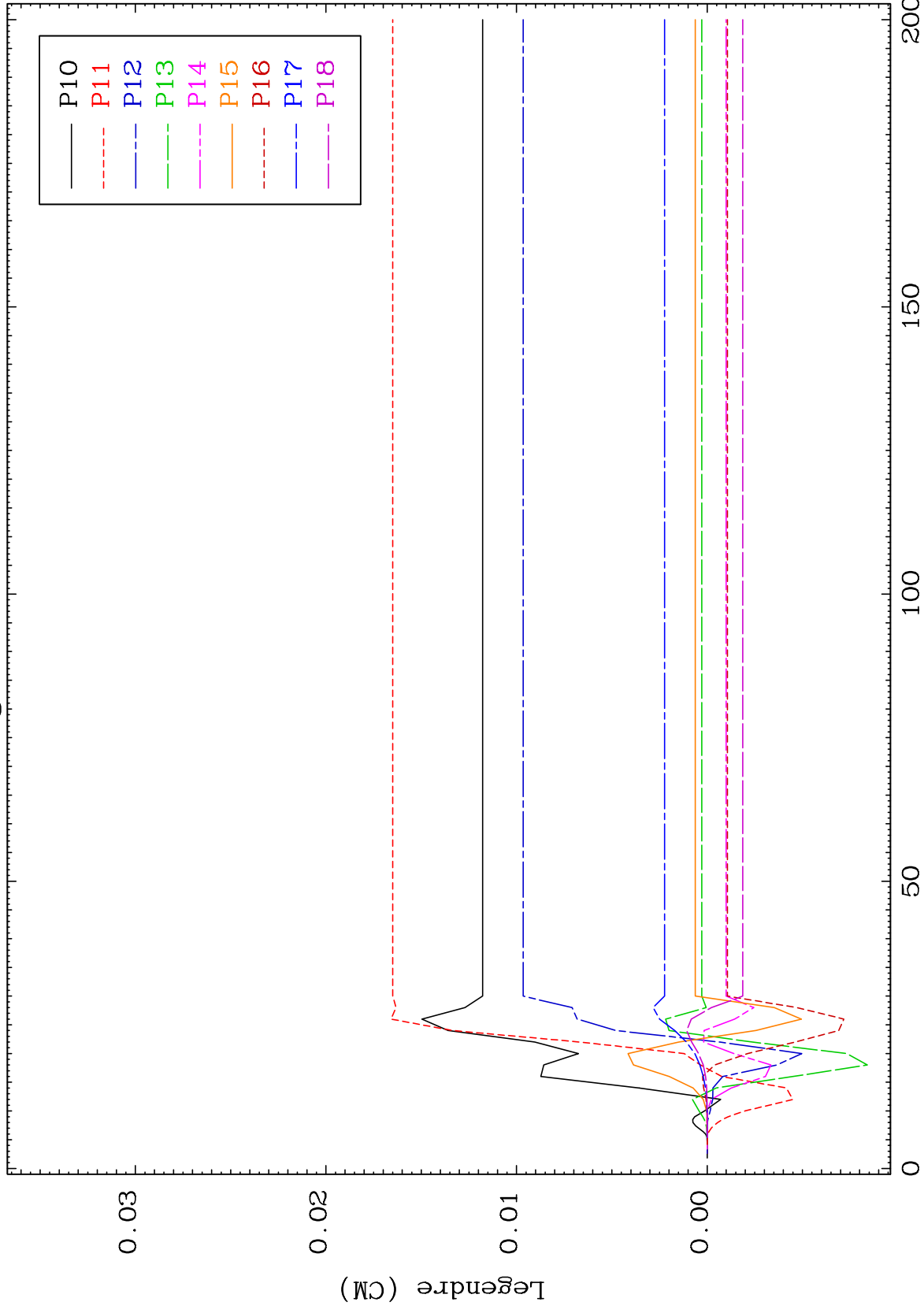
Incident Energy (MeV)

53

MAT 5861

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

58-Ce-148



54

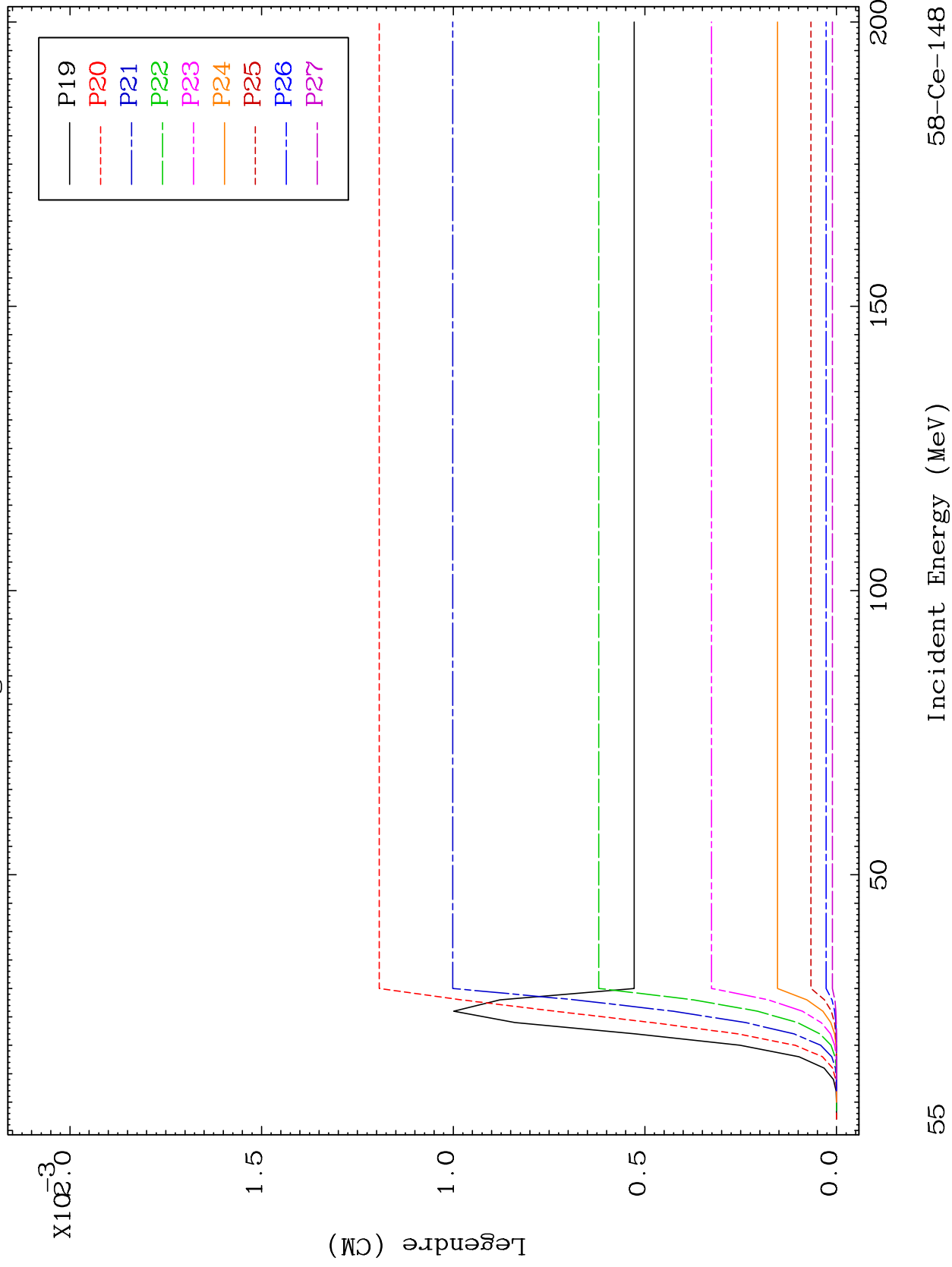
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



55

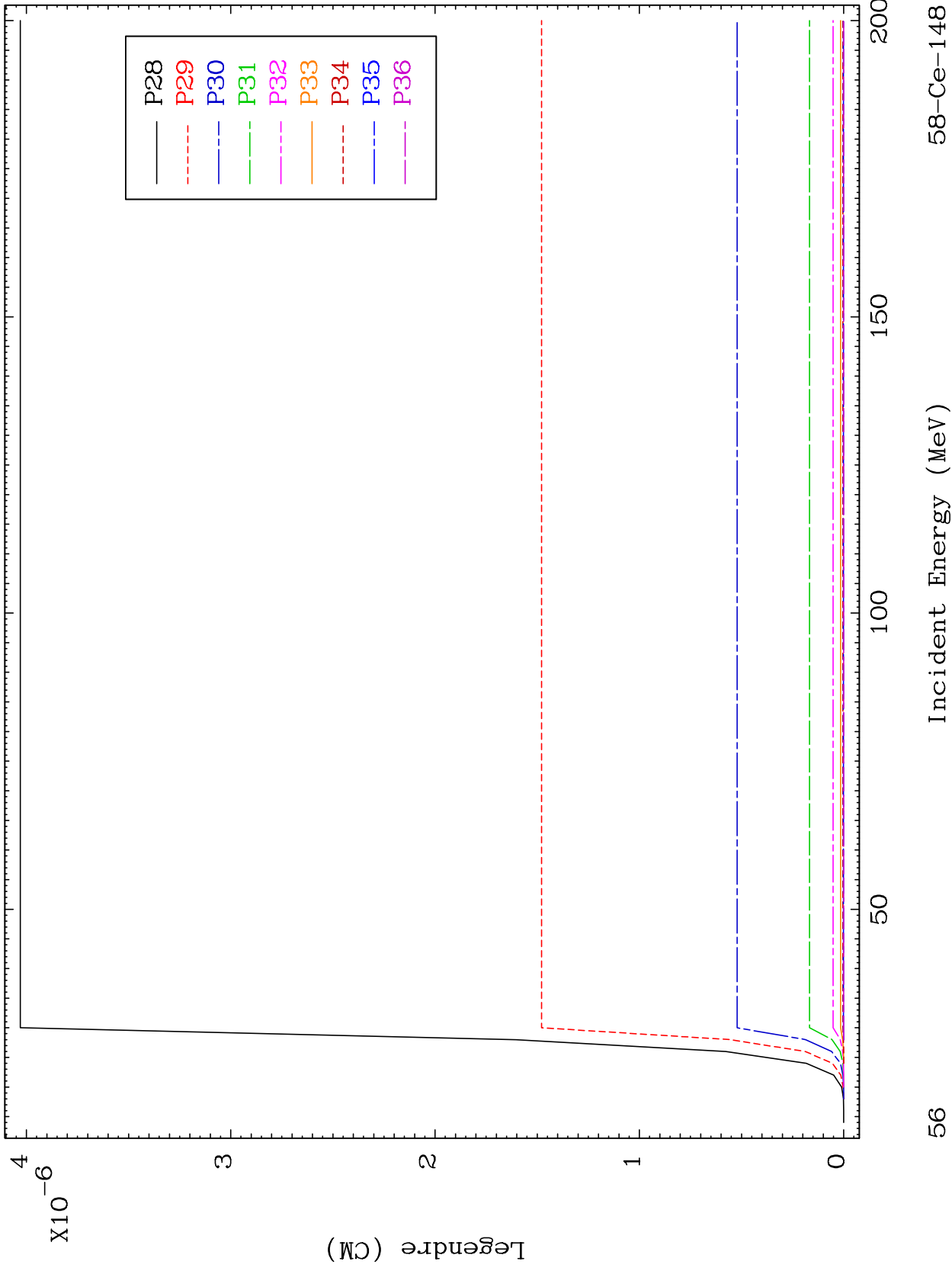
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

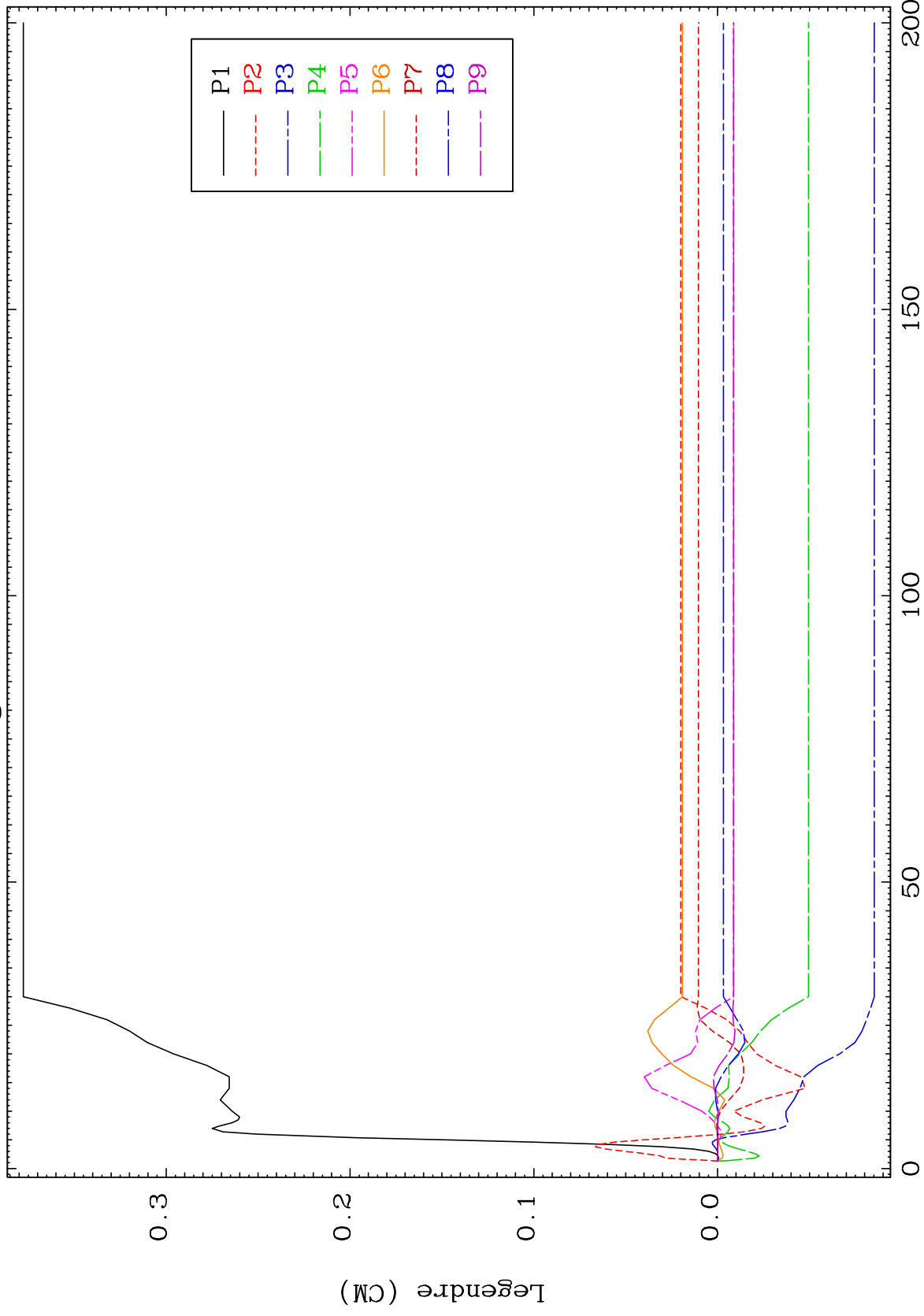
58-Ce-148



MAT 5861

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

58-Ce-148



57

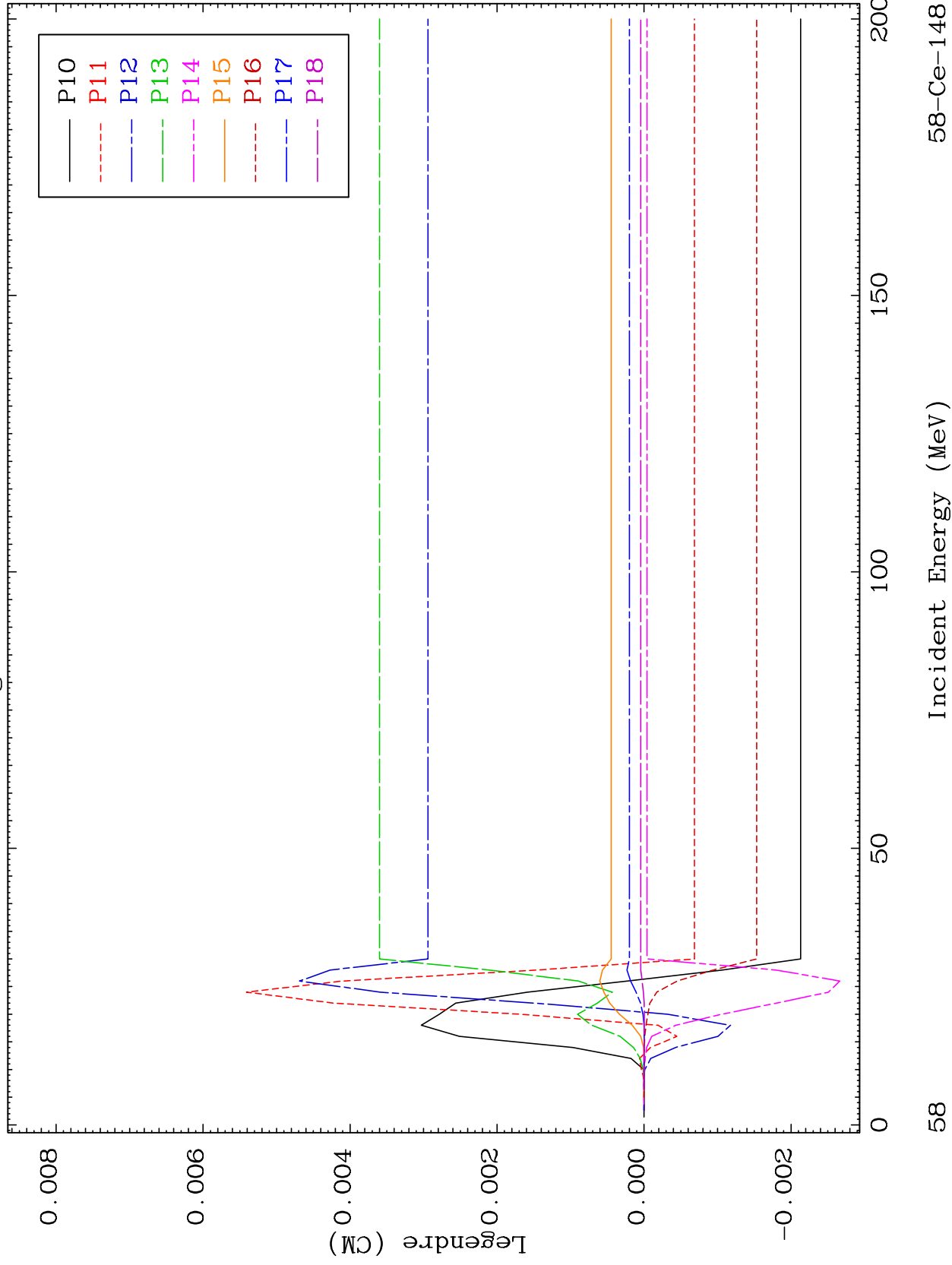
Incident Energy (MeV)

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

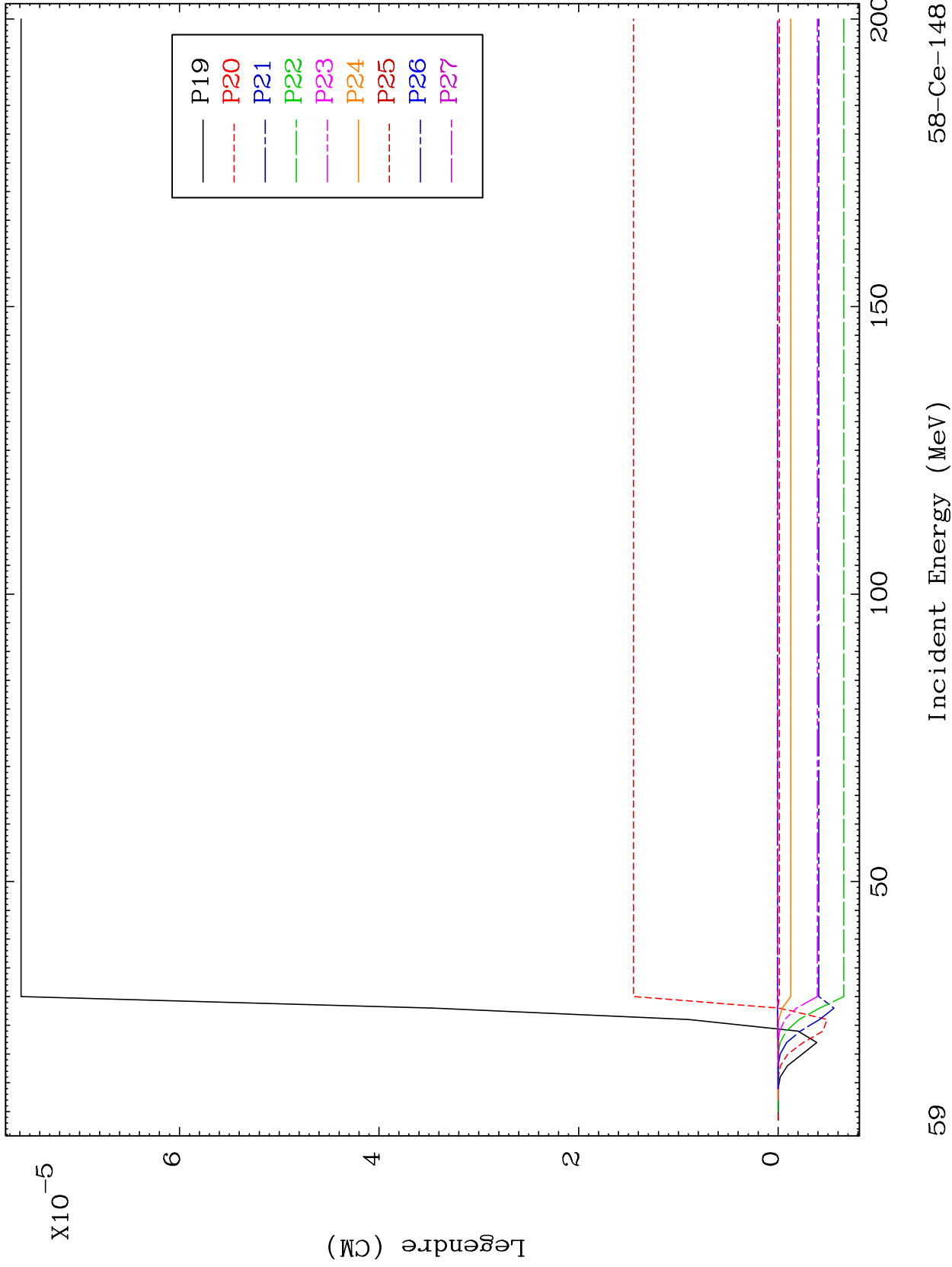
Incident Energy (MeV)

58

MAT 5861

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

58-Ce-148



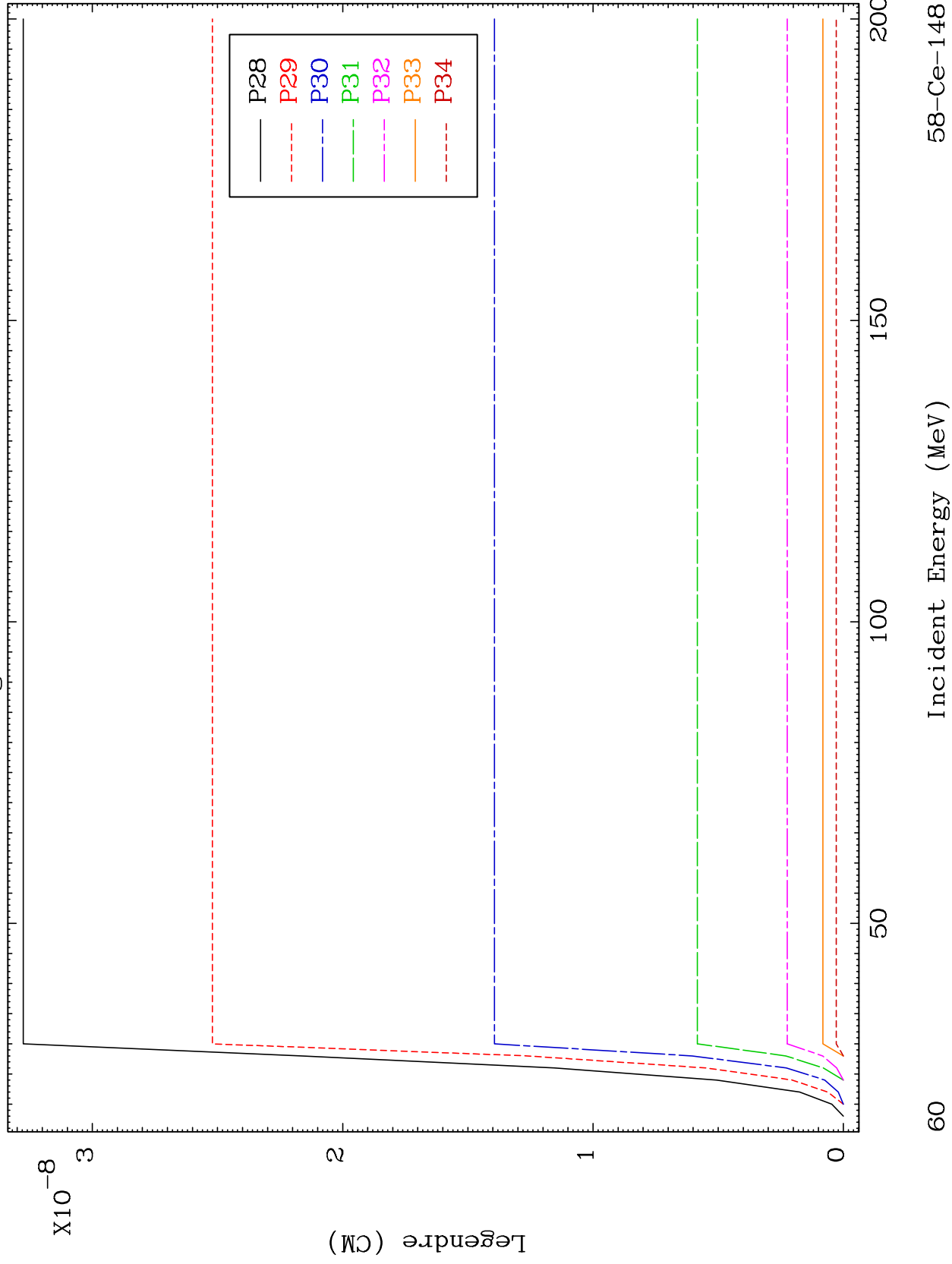
59

58-Ce-148

MAT 5861

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

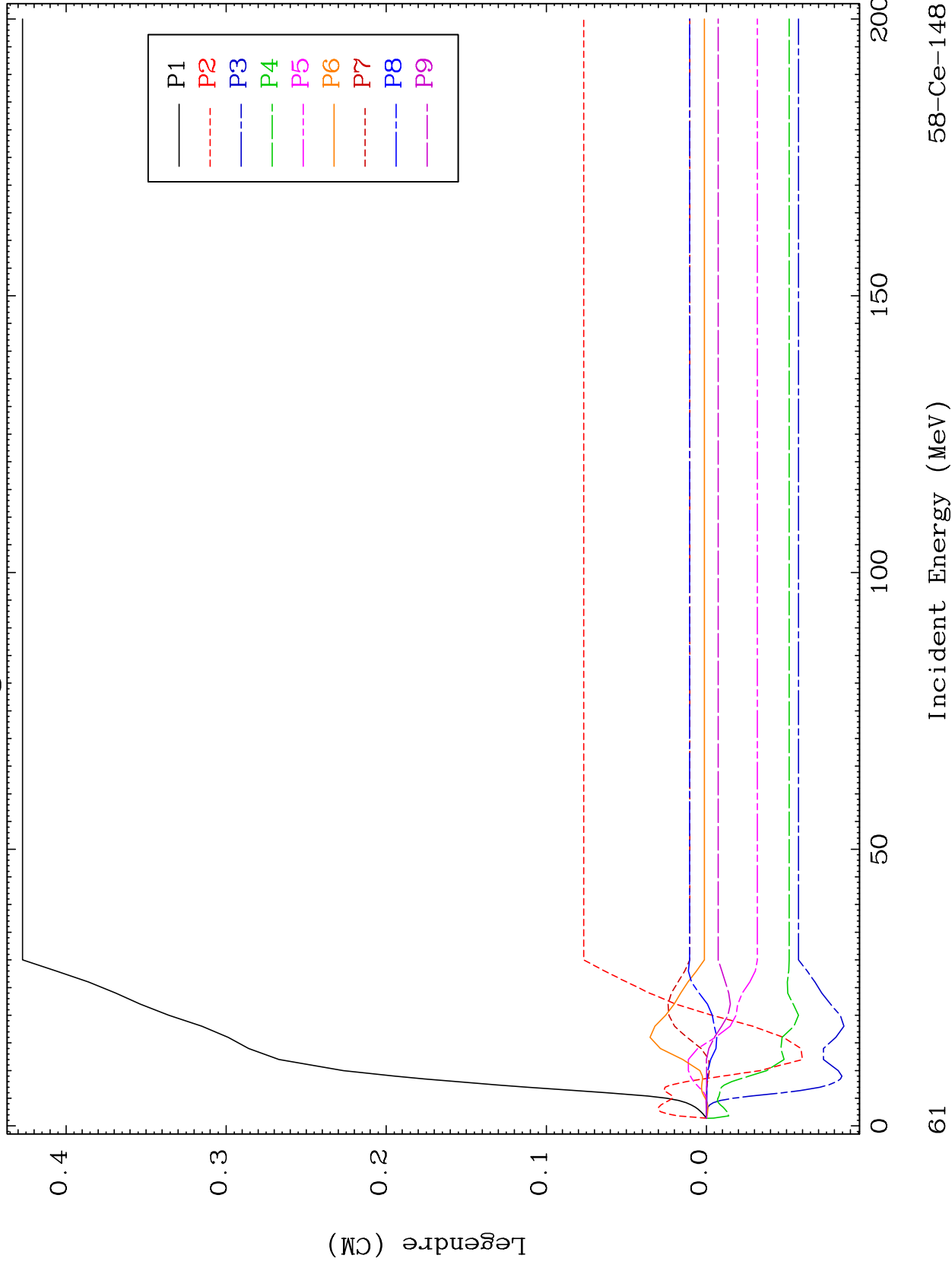
58-Ce-148



MAT 5861

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

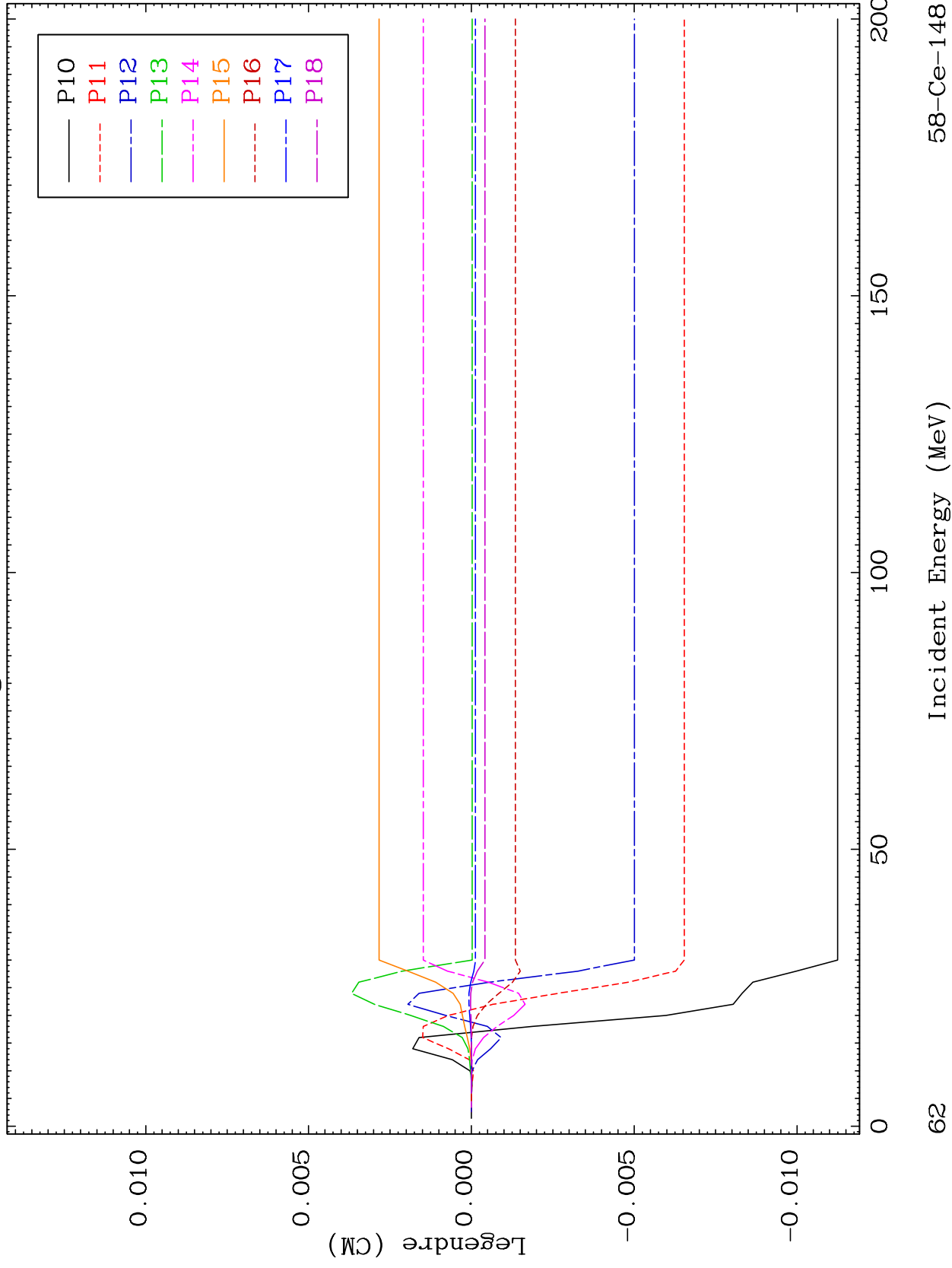
58-Ce-148



MAT 5861

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

58-Ce-148



58-Ce-148

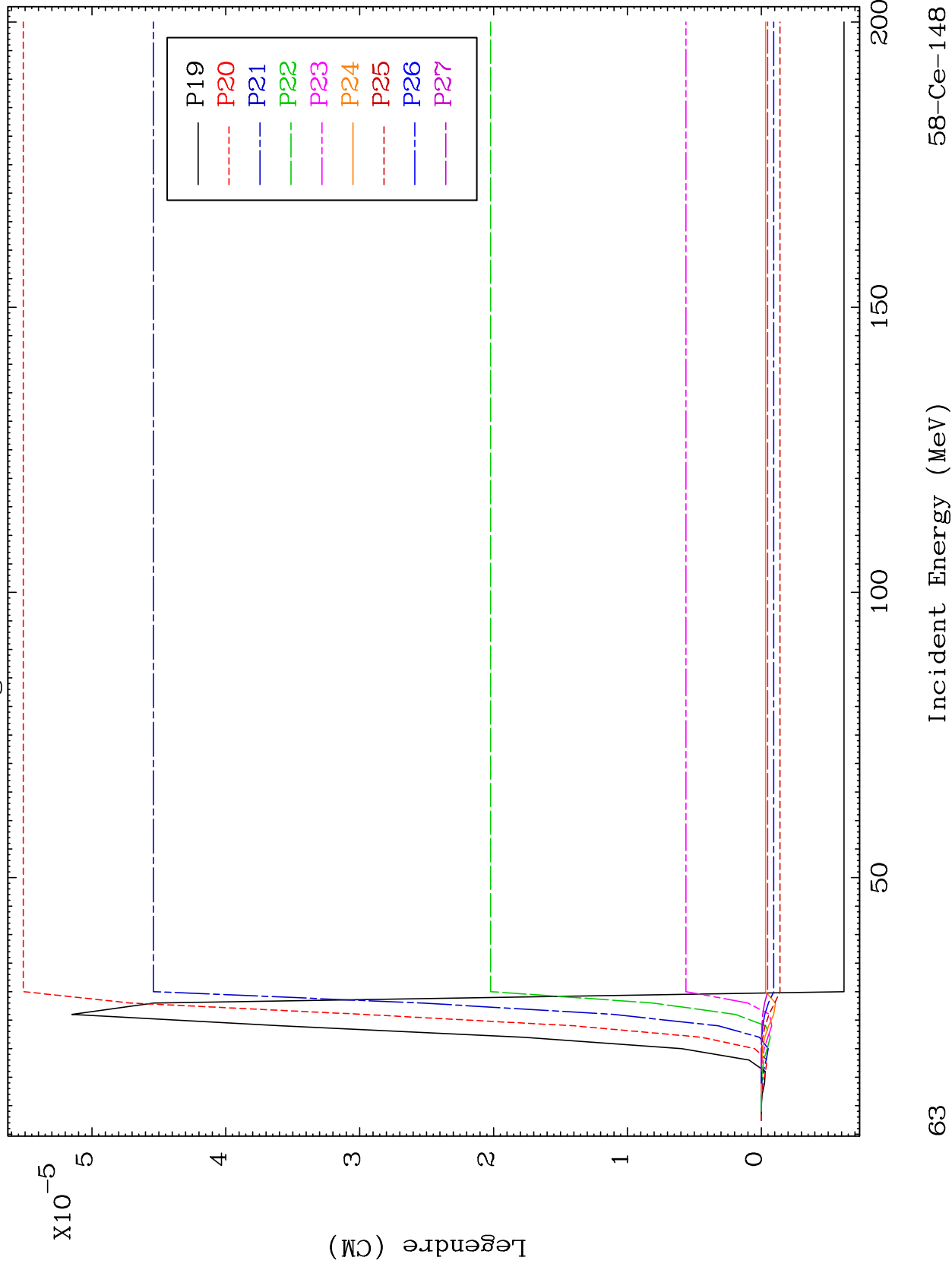
Incident Energy (MeV)

62

MAT 5861

58-Ce-148

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



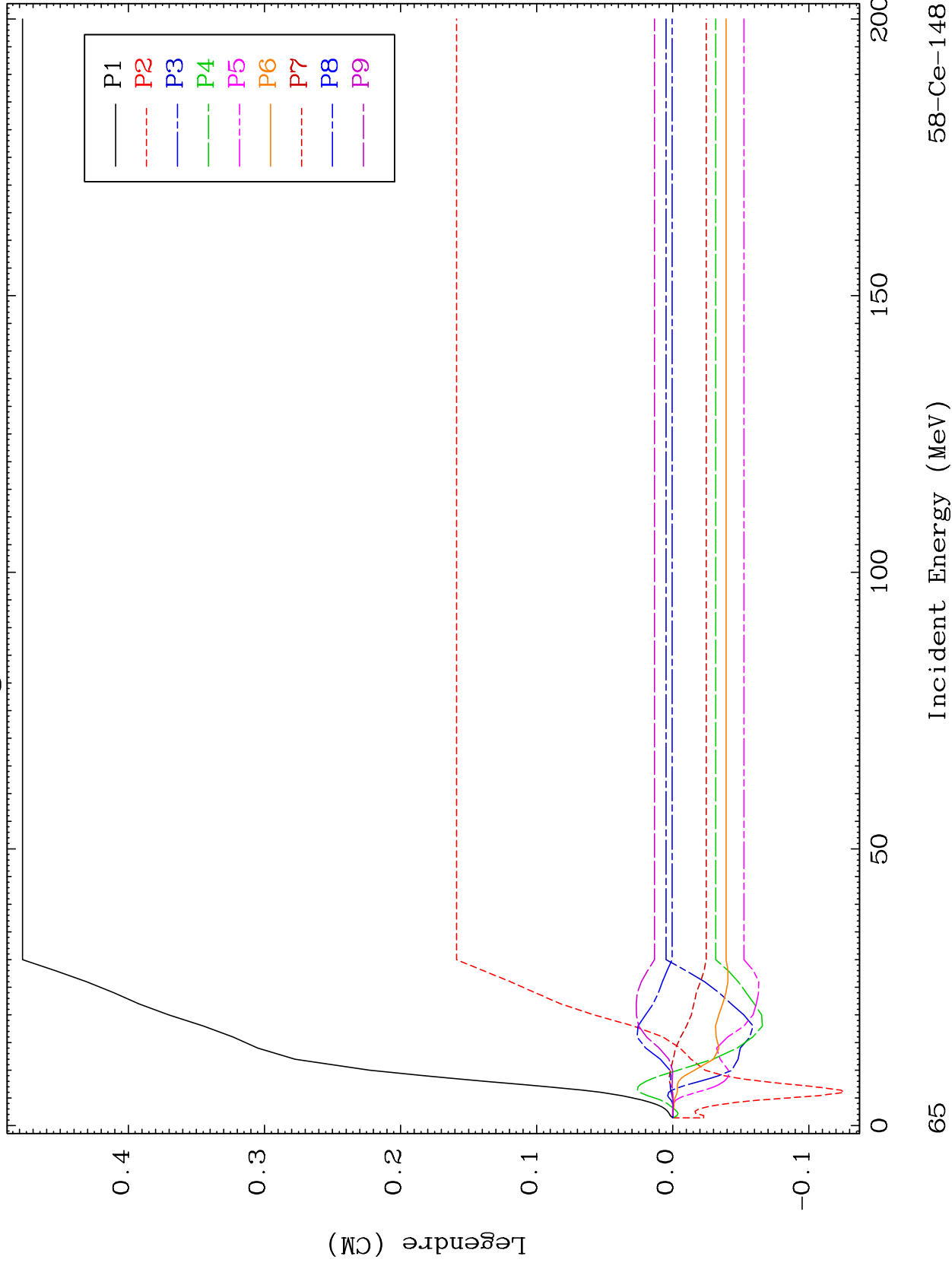
63

58-Ce-148

MAT 5861

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

58-Ce-148



58-Ce-148

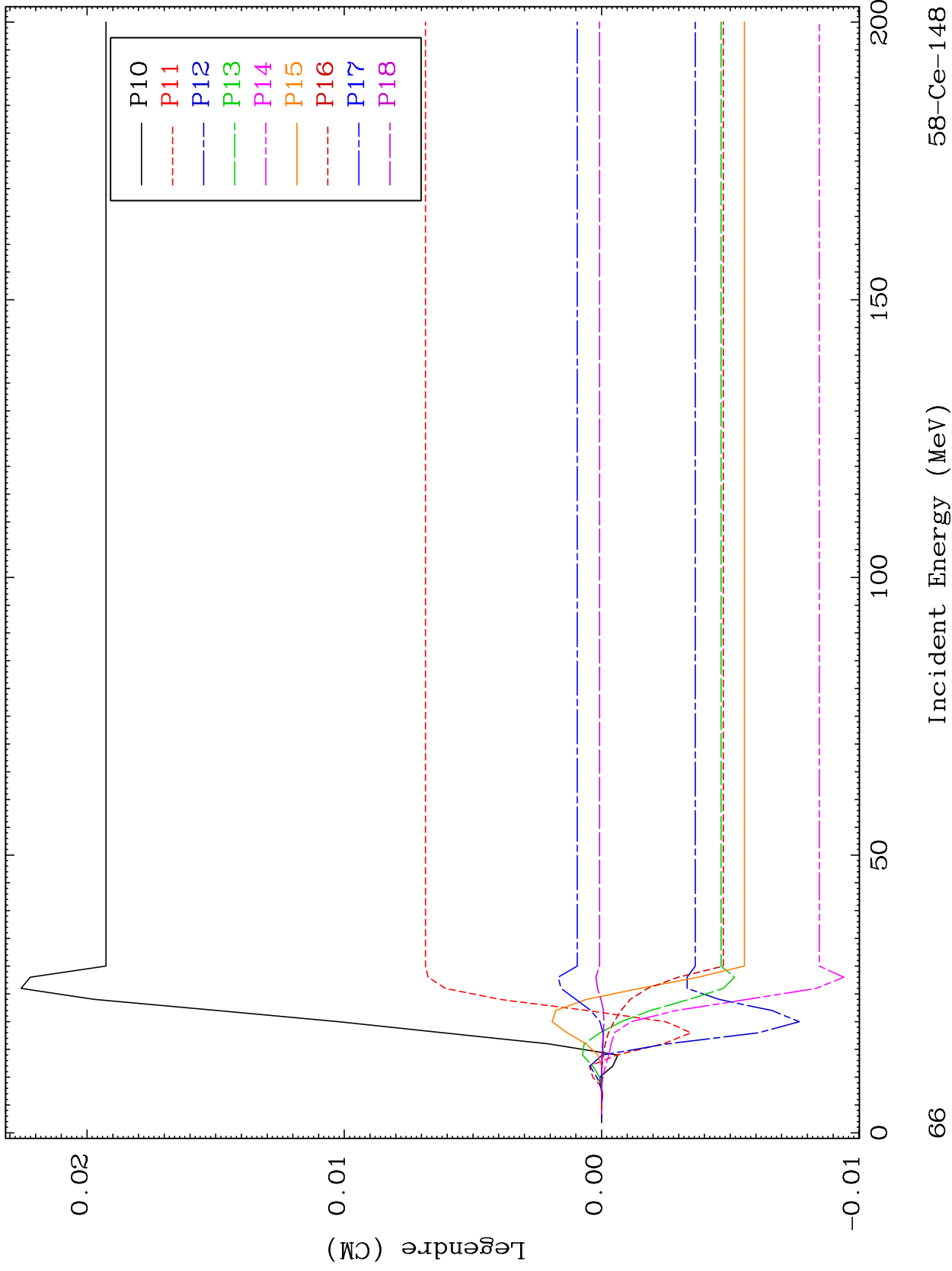
Incident Energy (MeV)

65

MAT 5861

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

58-Ce-148



66

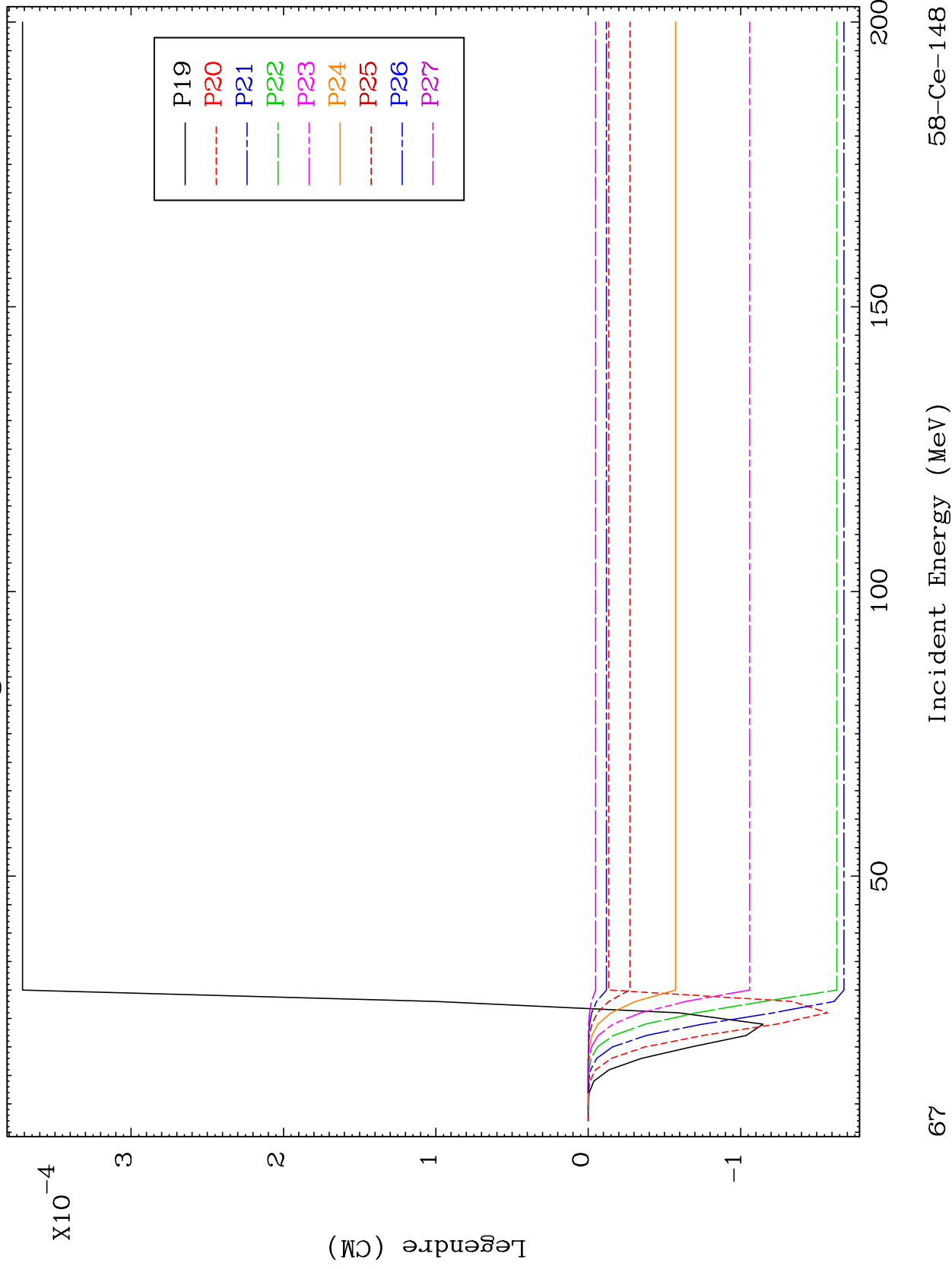
Incident Energy (MeV)

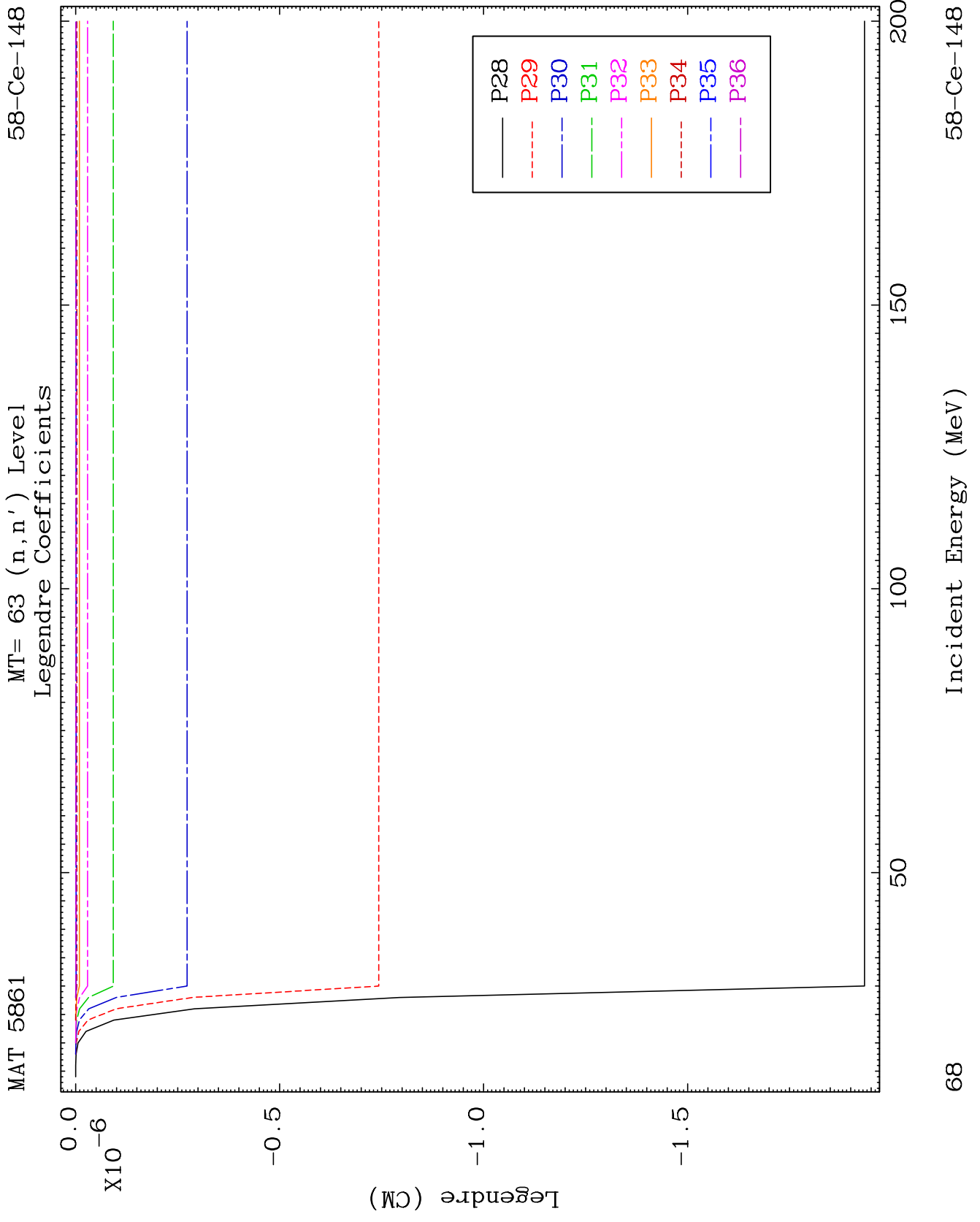
58-Ce-148

MAT 5861

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

58-Ce-148

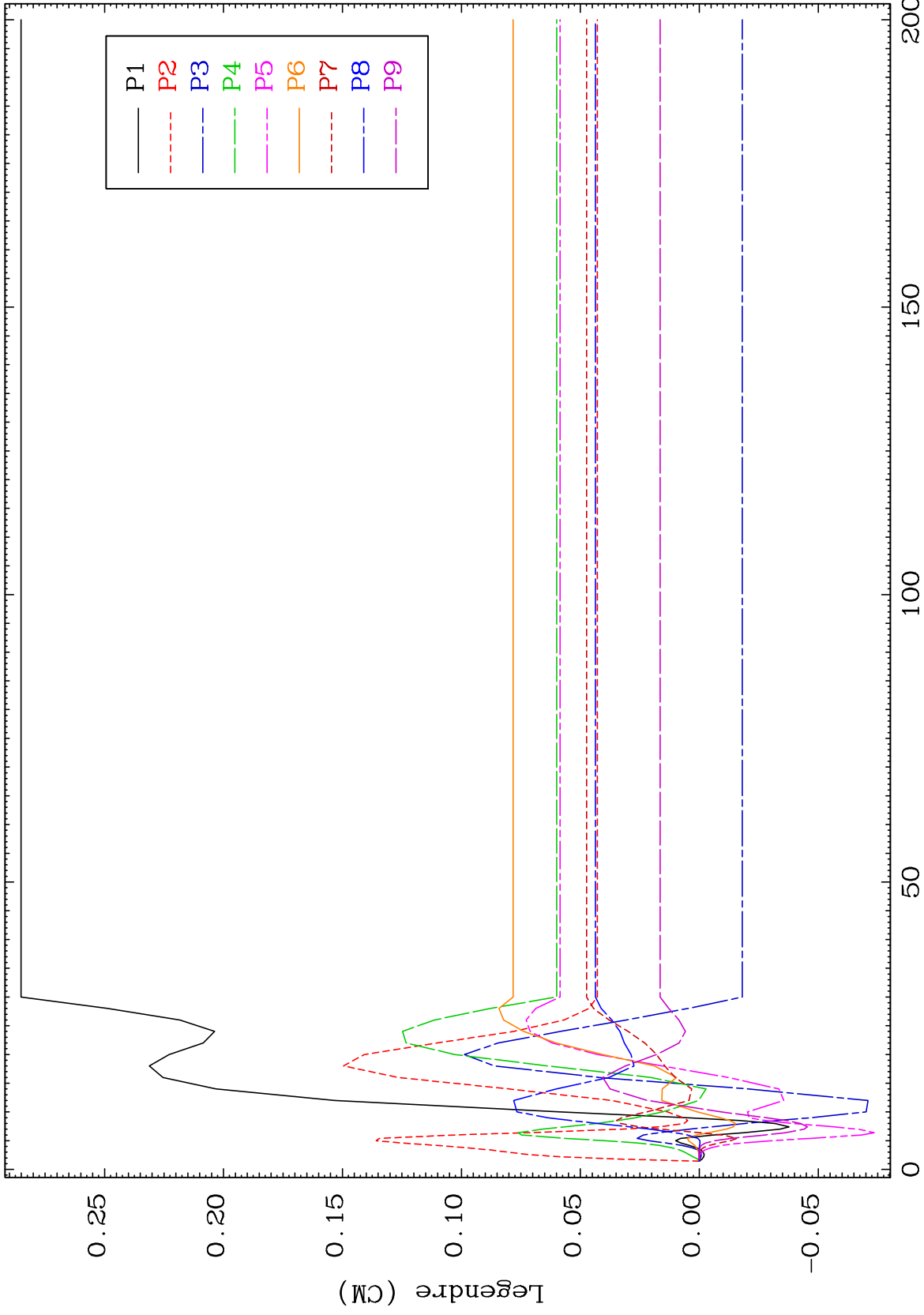




MAT 5861

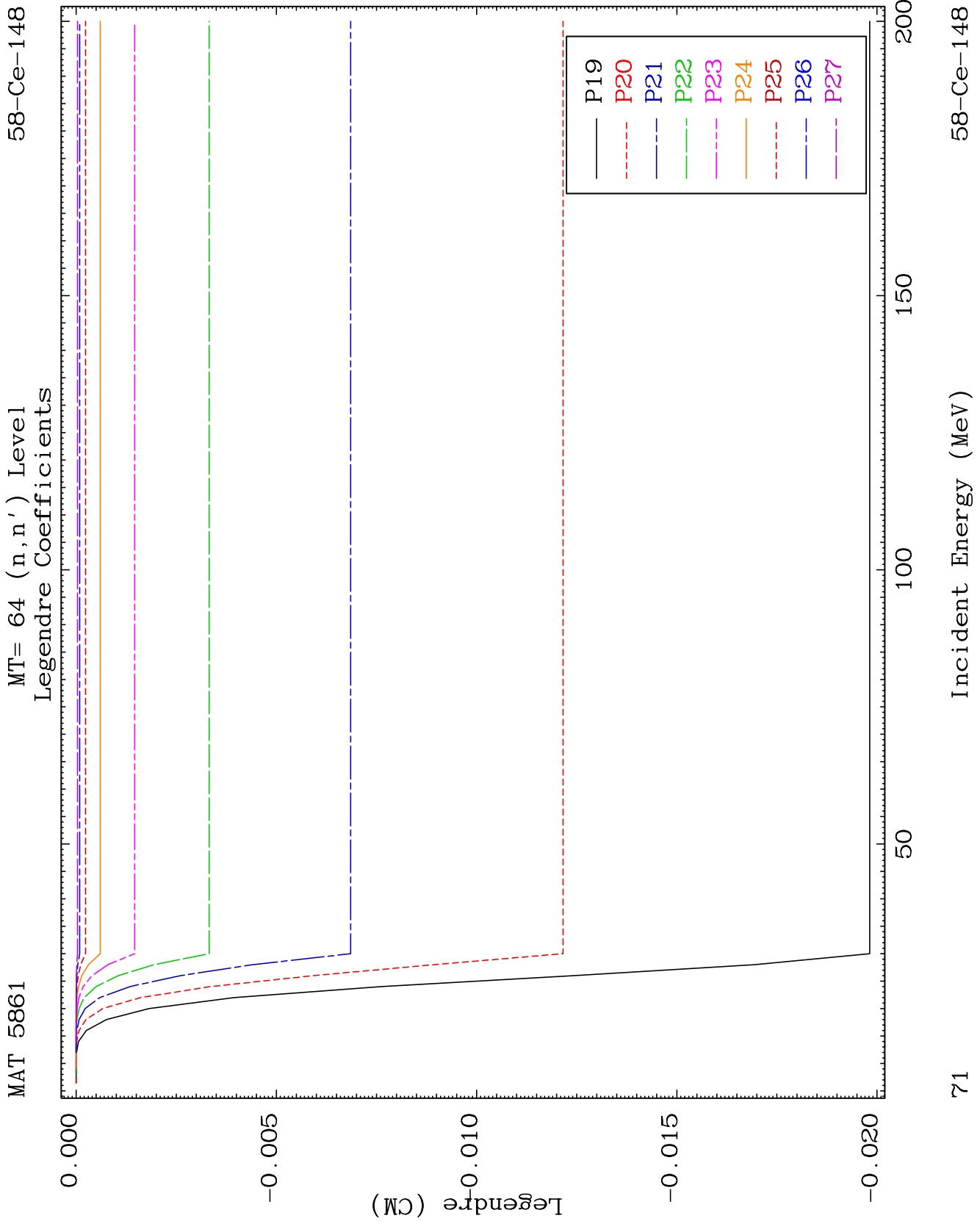
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Legendre Coefficients

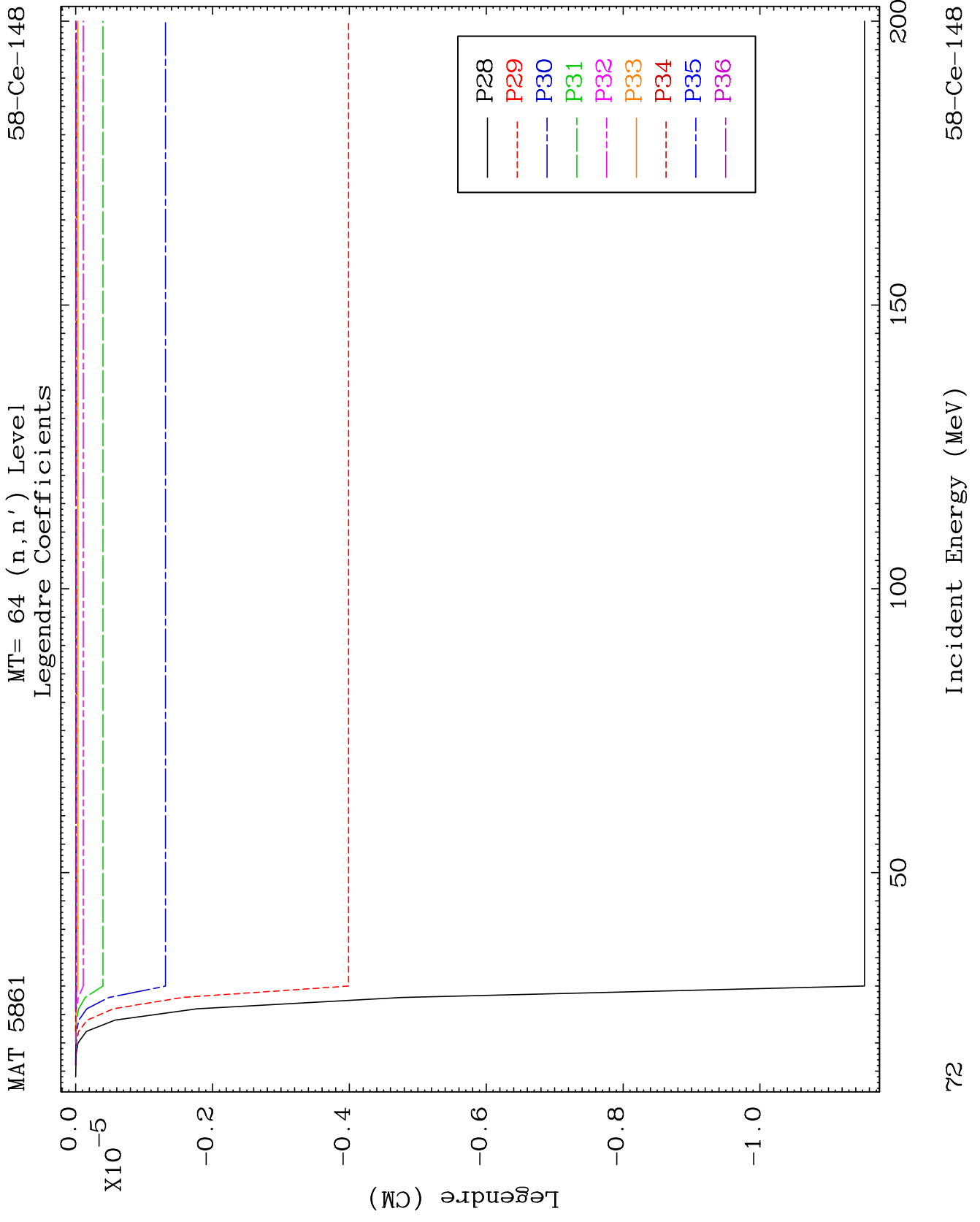
58-Ce-148



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58-Ce-148

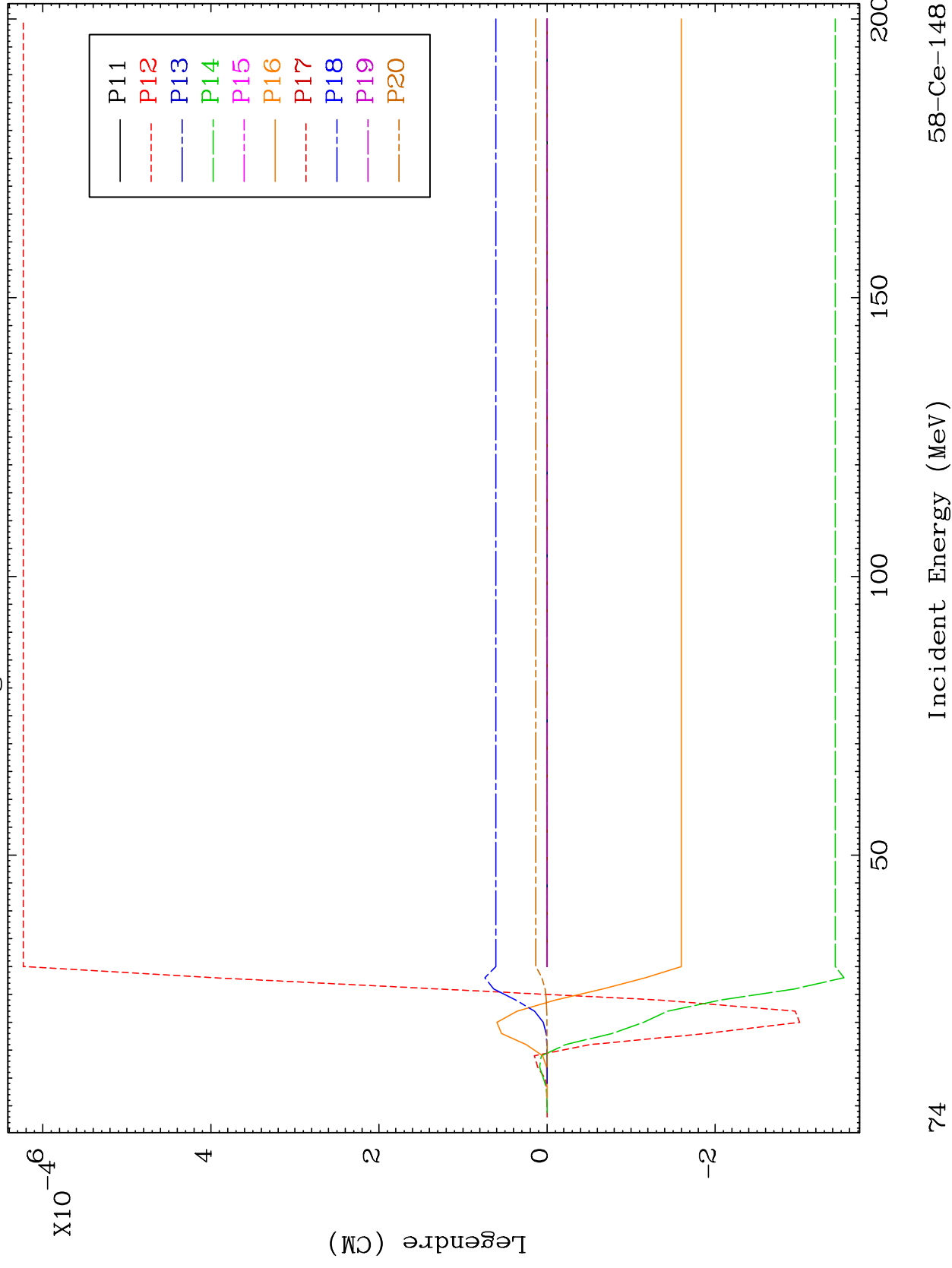




MAT 5861

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

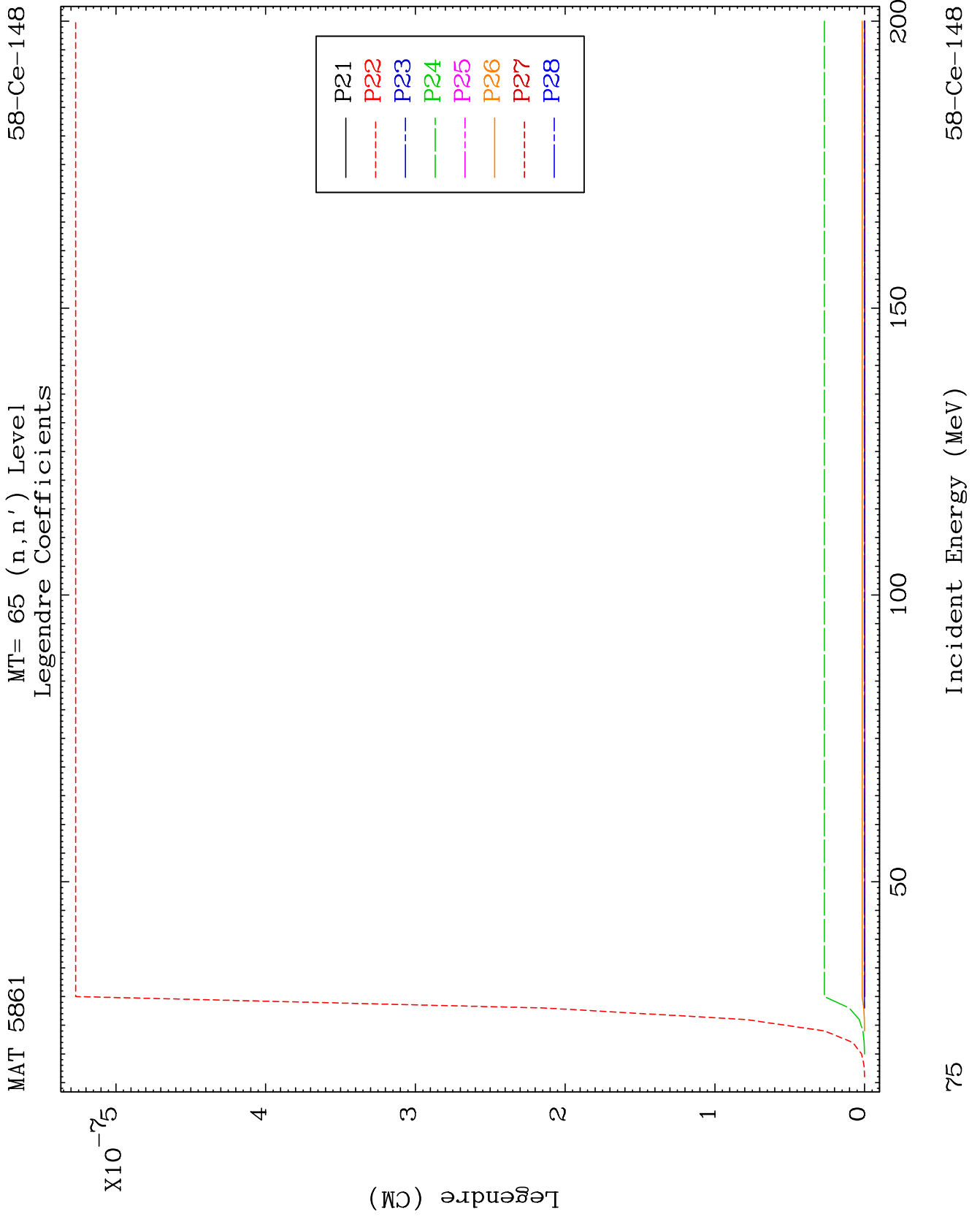
58-Ce-148



74

Incident Energy (MeV)

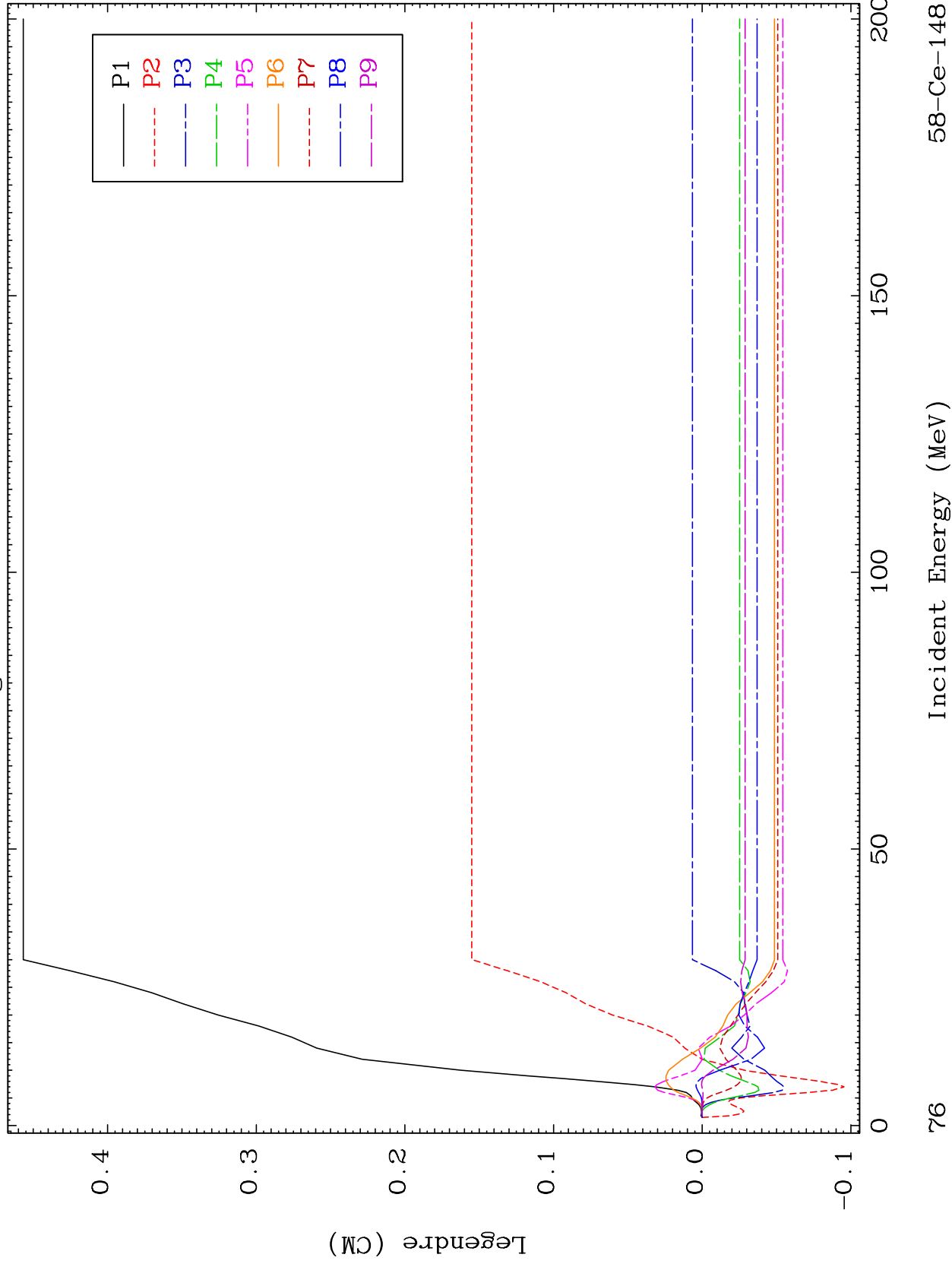
58-Ce-148



MAT 5861

MT= 66 (n,n') Level
Legendre Coefficients

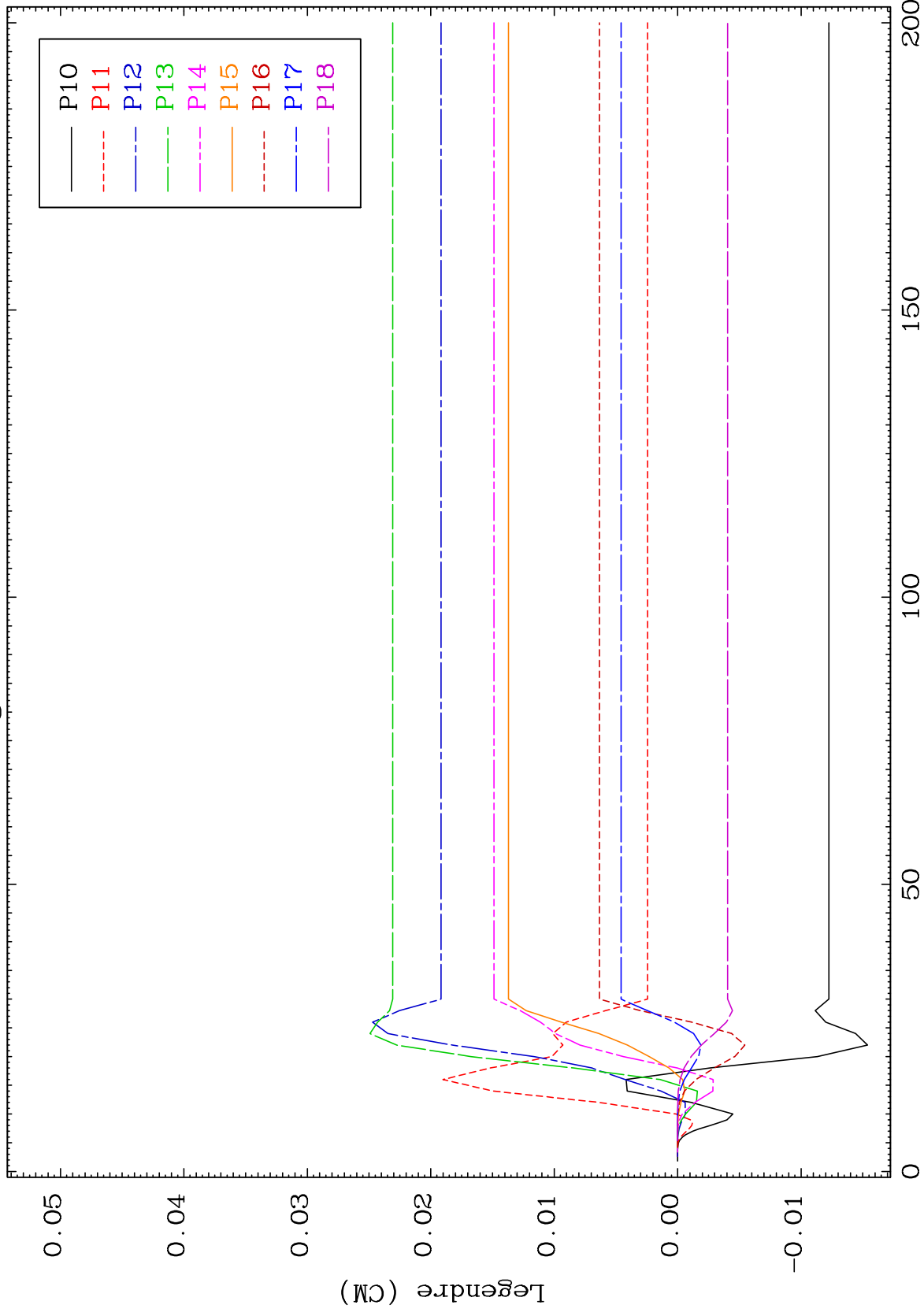
58-Ce-148



MAT 5861

MT= 66 (n,n') Level
Legendre Coefficients

58-Ce-148



77

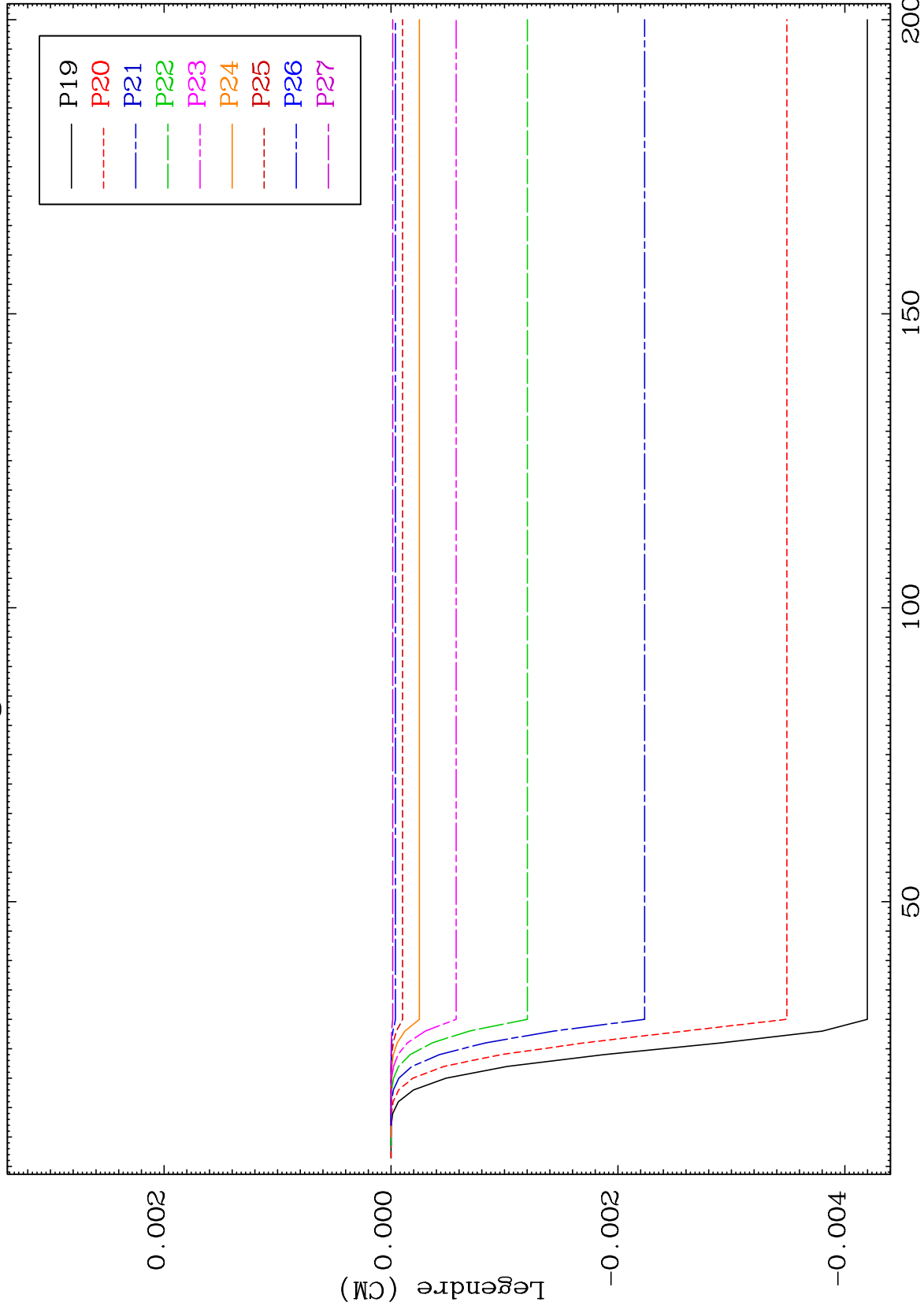
Incident Energy (MeV)

58-Ce-148

MAT 5861

MT= 66 (n,n') Level
Legendre Coefficients

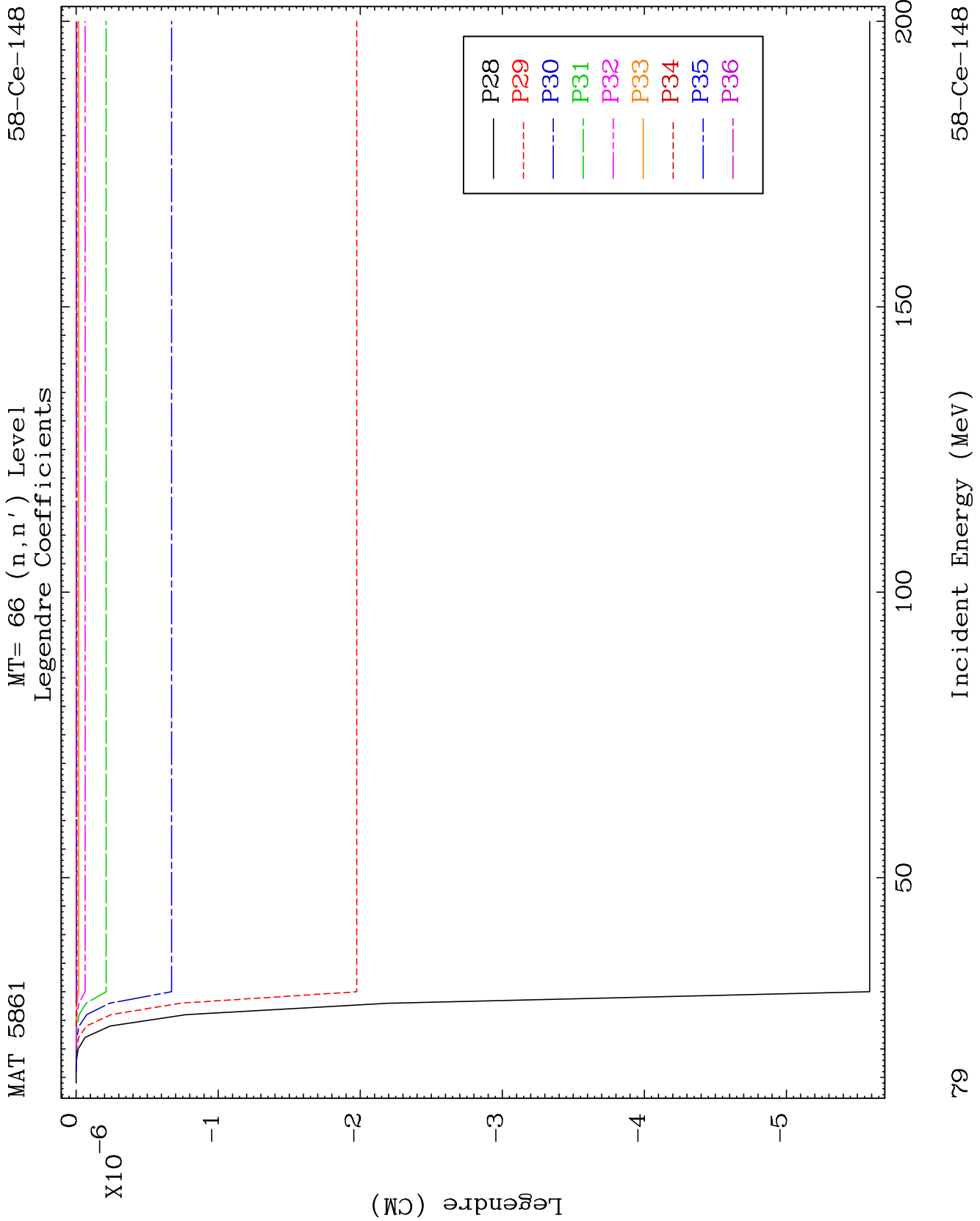
58-Ce-148

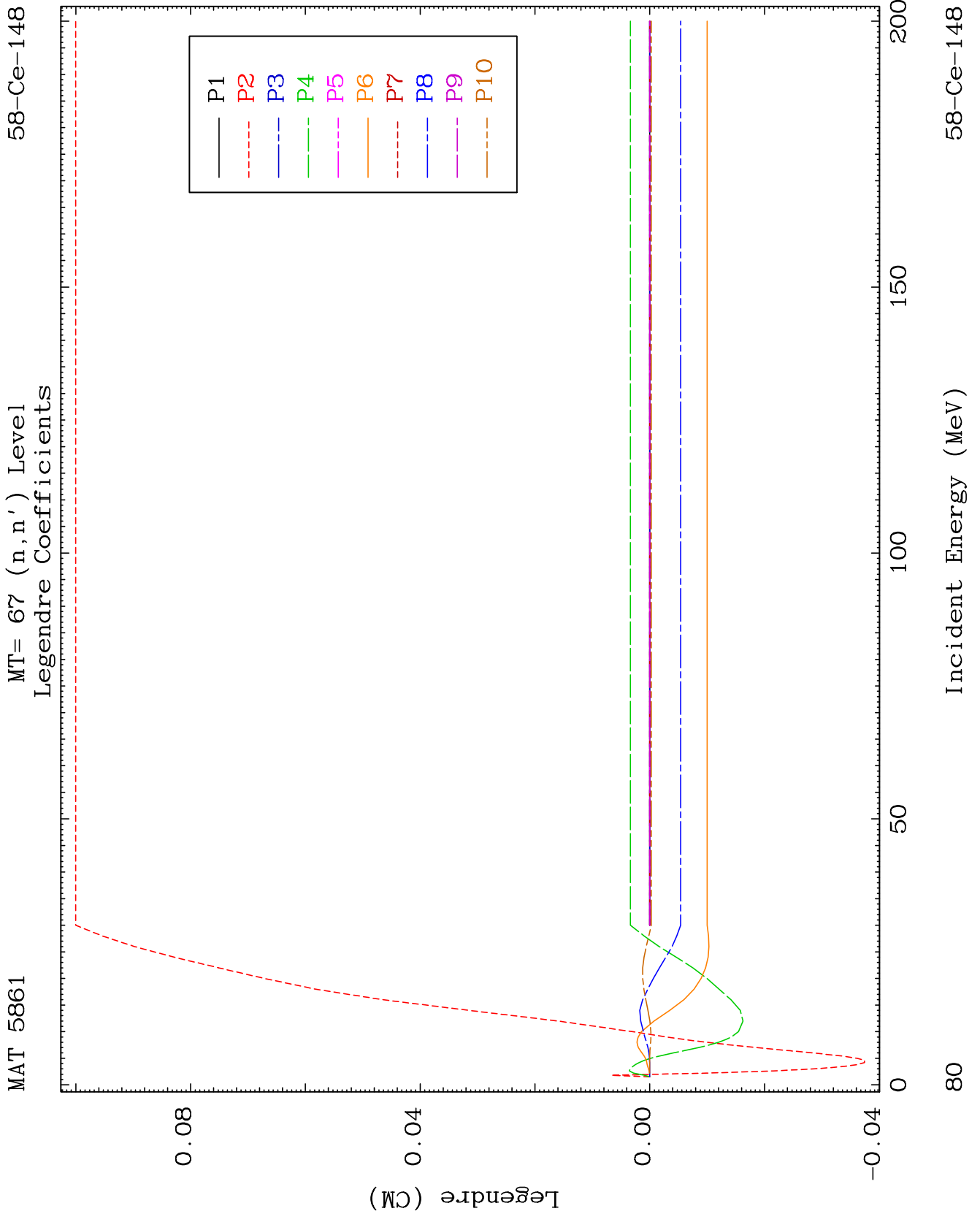


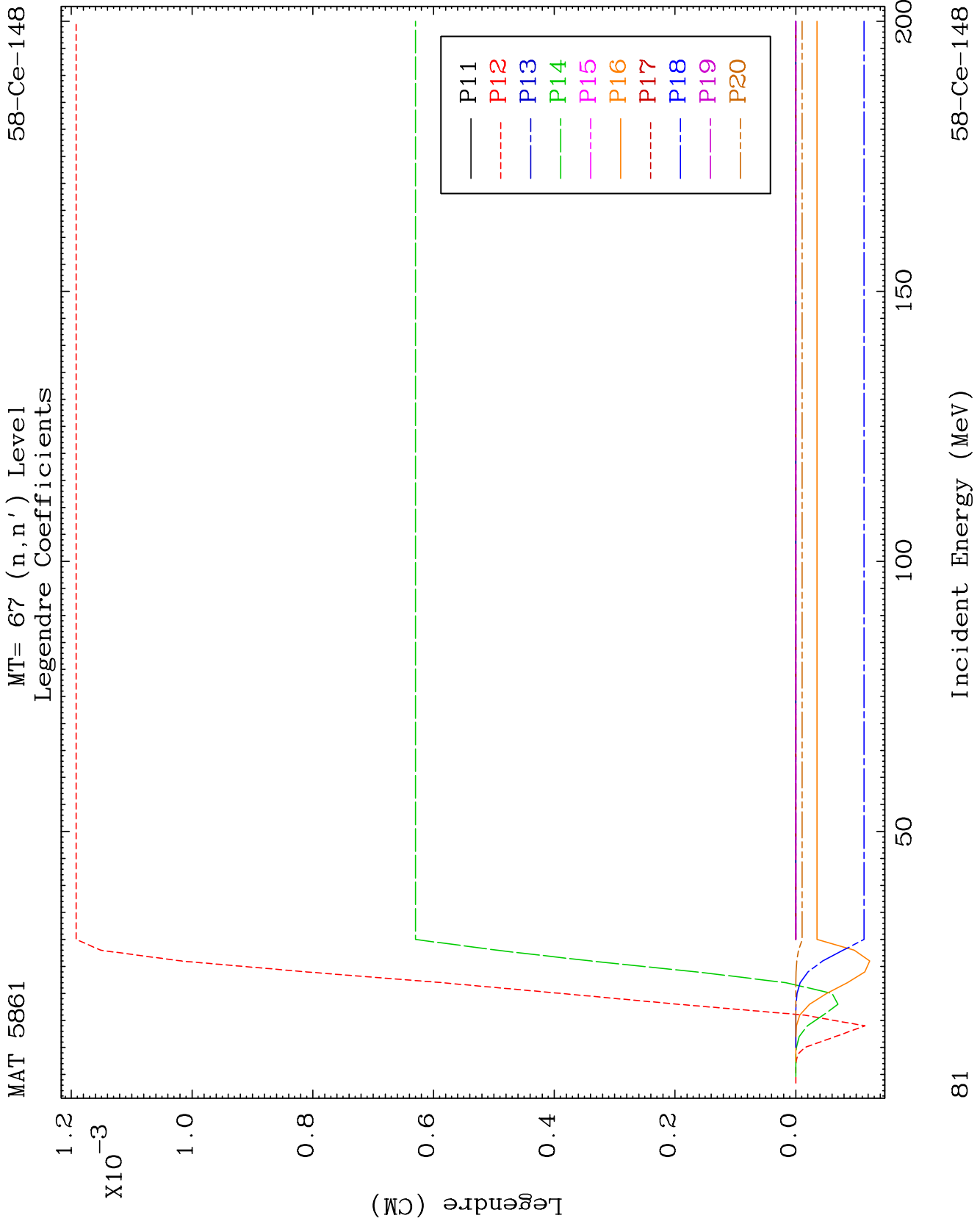
78

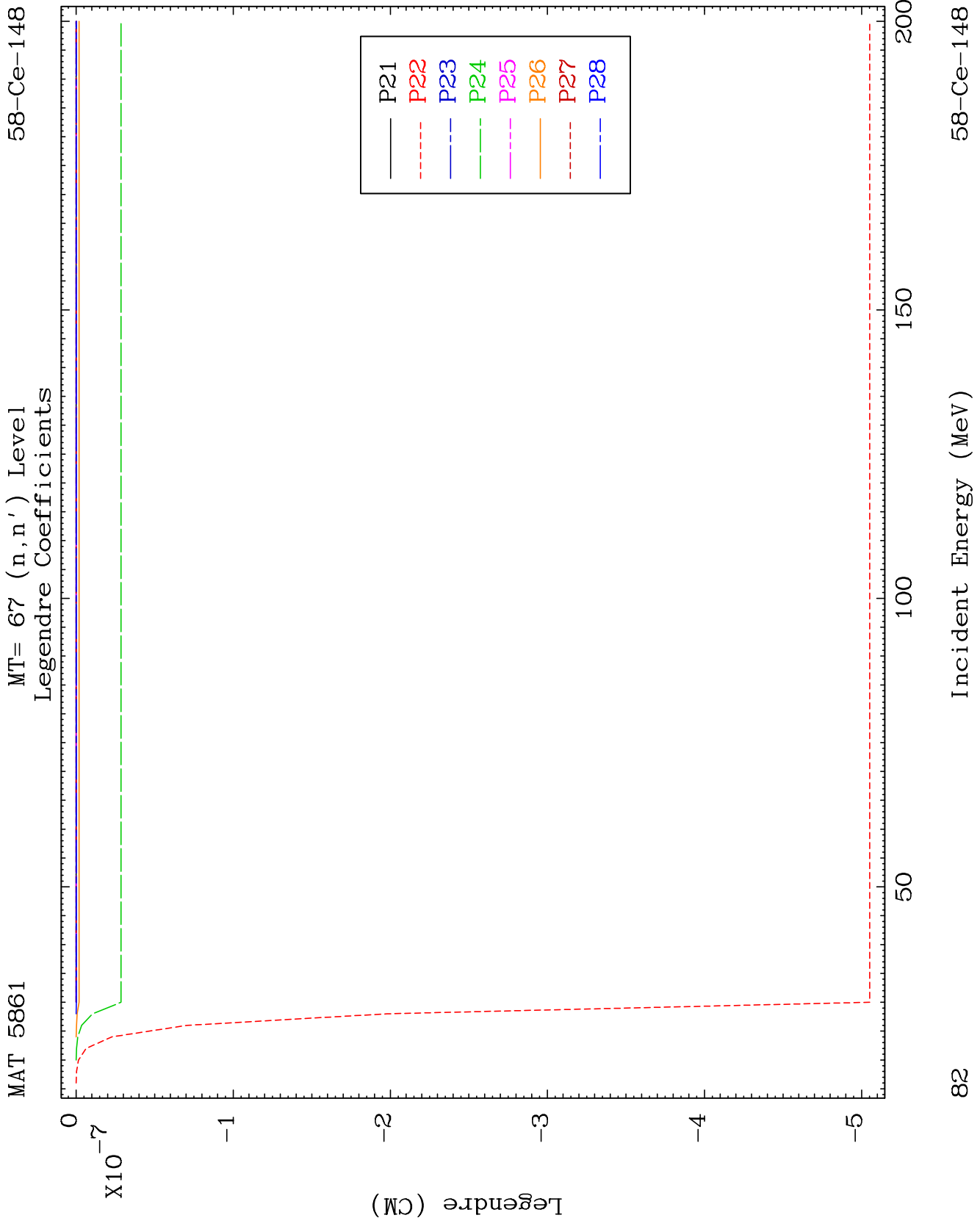
Incident Energy (MeV)

58-Ce-148







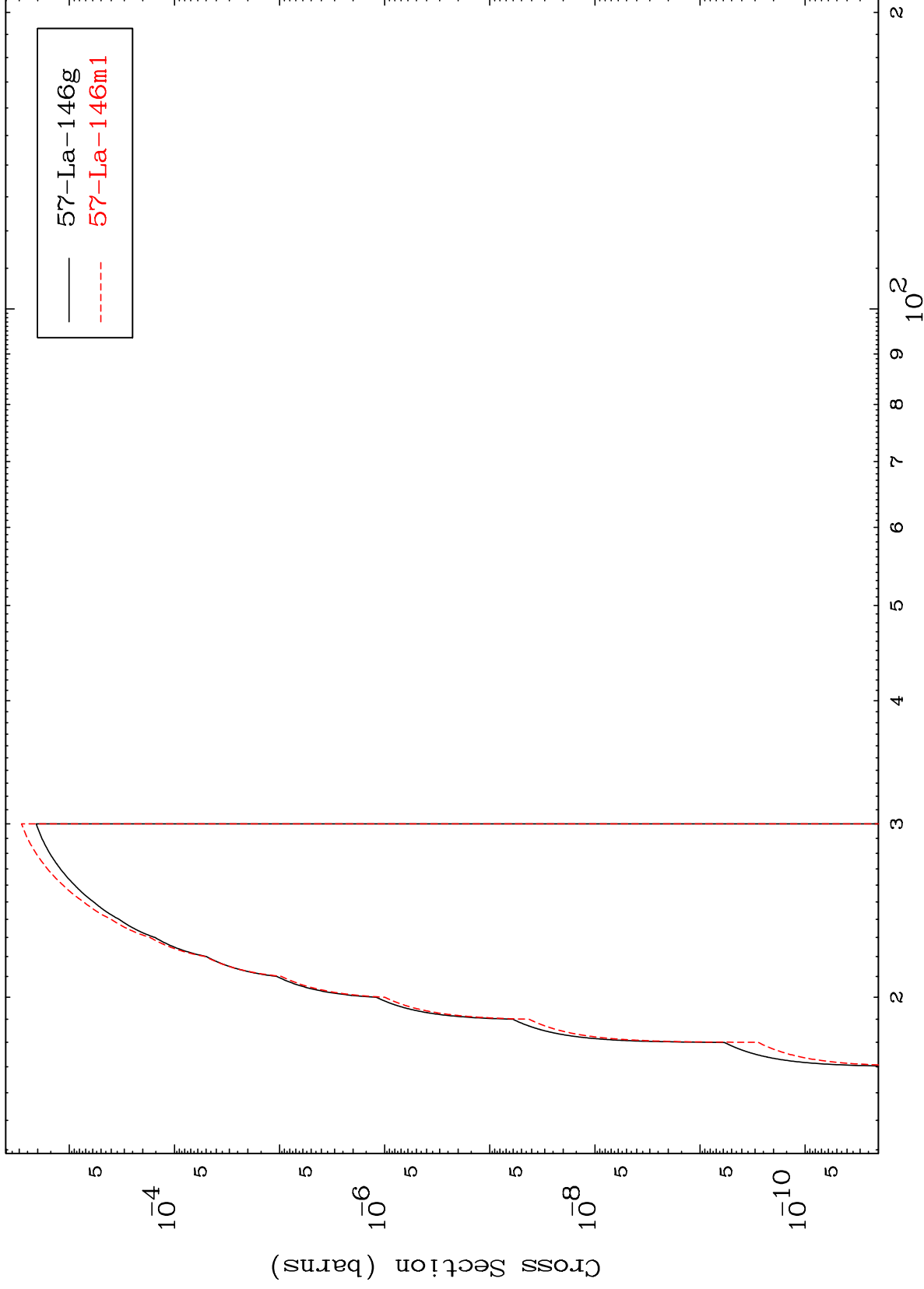


MAT 5861

(n,n') d

58-Ce-148

Radionuclide Production Cross Section



83

Incident Energy (MeV)

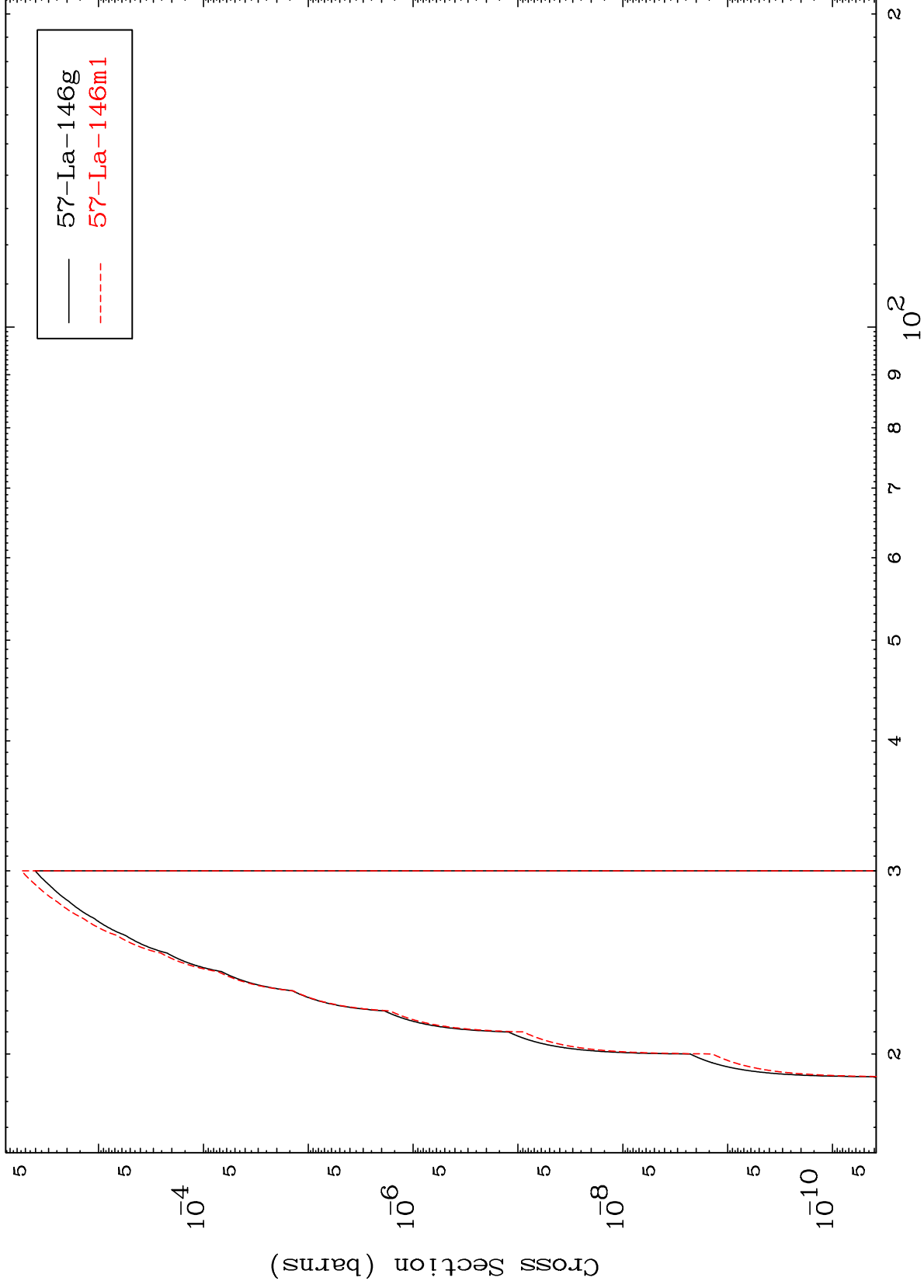
58-Ce-148

MAT 5861

(n,2n) p

58-Ce-148

Radionuclide Production Cross Section



84

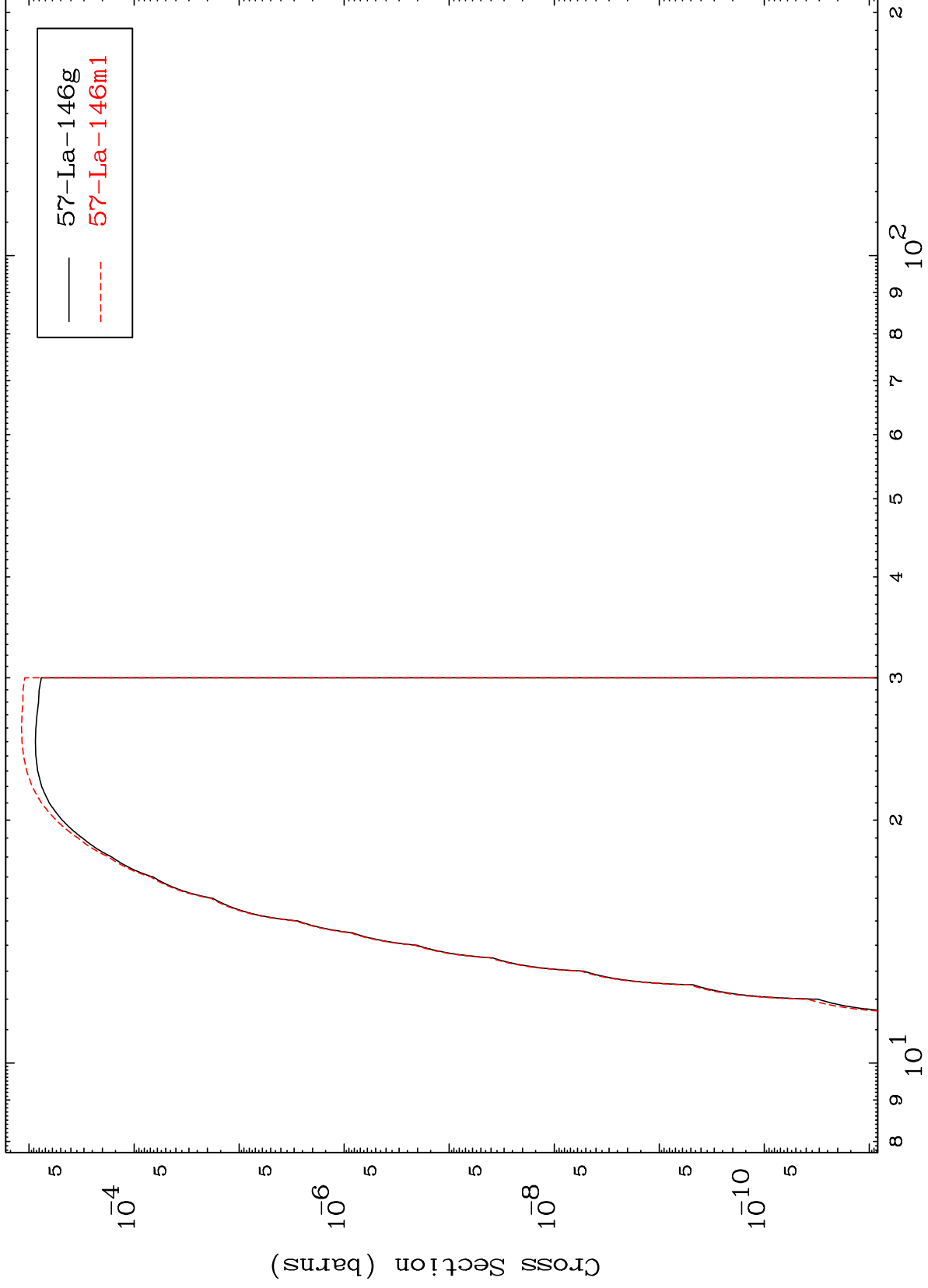
Incident Energy (MeV)

58-Ce-148

MAT 5861

58-Ce-148

(n,t)
Radionuclide Production Cross Section



85

Incident Energy (MeV)

58-Ce-148