

Program EVALPLOT
(Version 2021-1)

by

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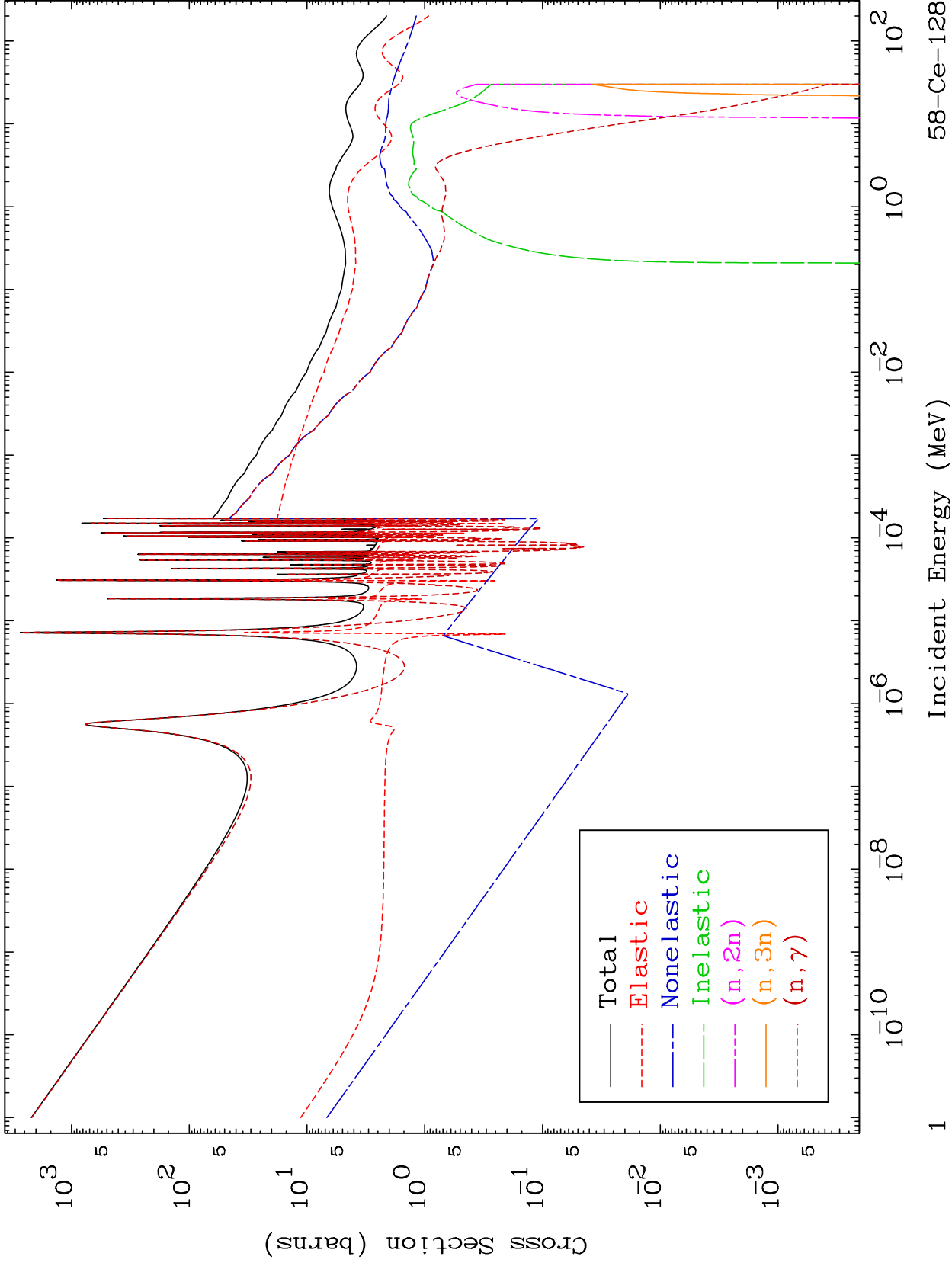
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5801

Neutron Major
293 Kelvin Cross Sections

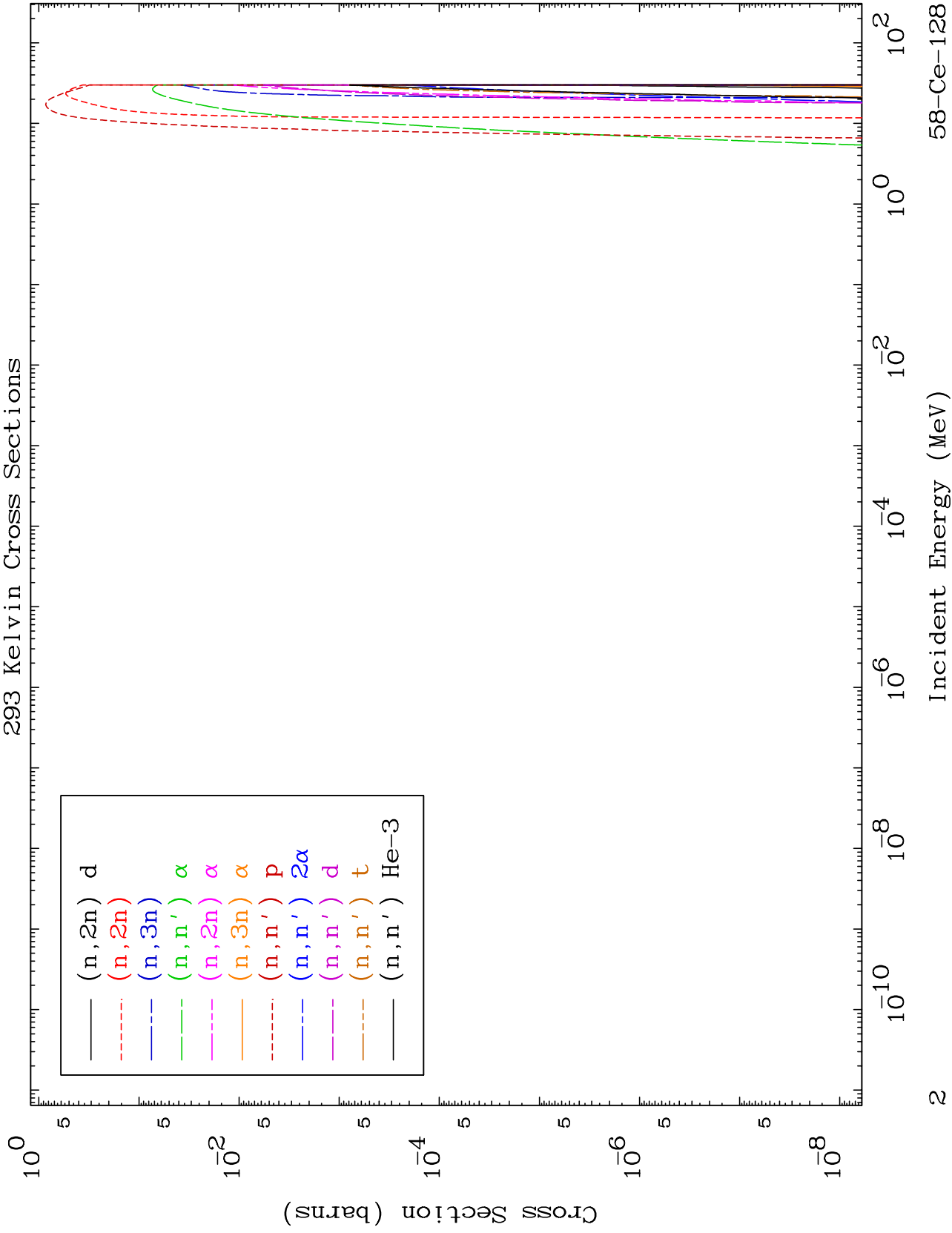
58-Ce-128



MAT 5801

Neutron Absorption
293 Kelvin Cross Sections

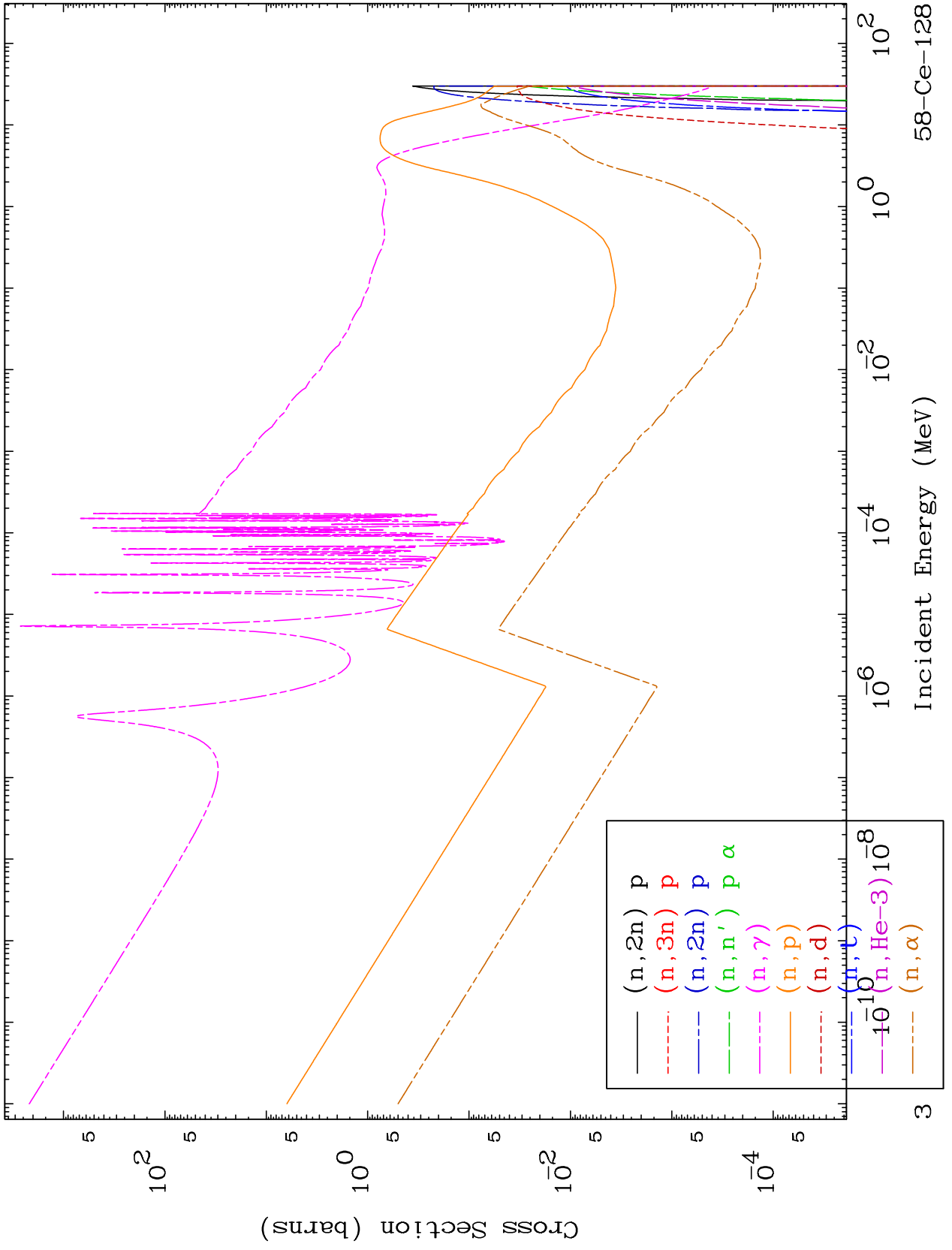
58-Ce-128



MAT 5801

Neutron Absorption
293 Kelvin Cross Sections

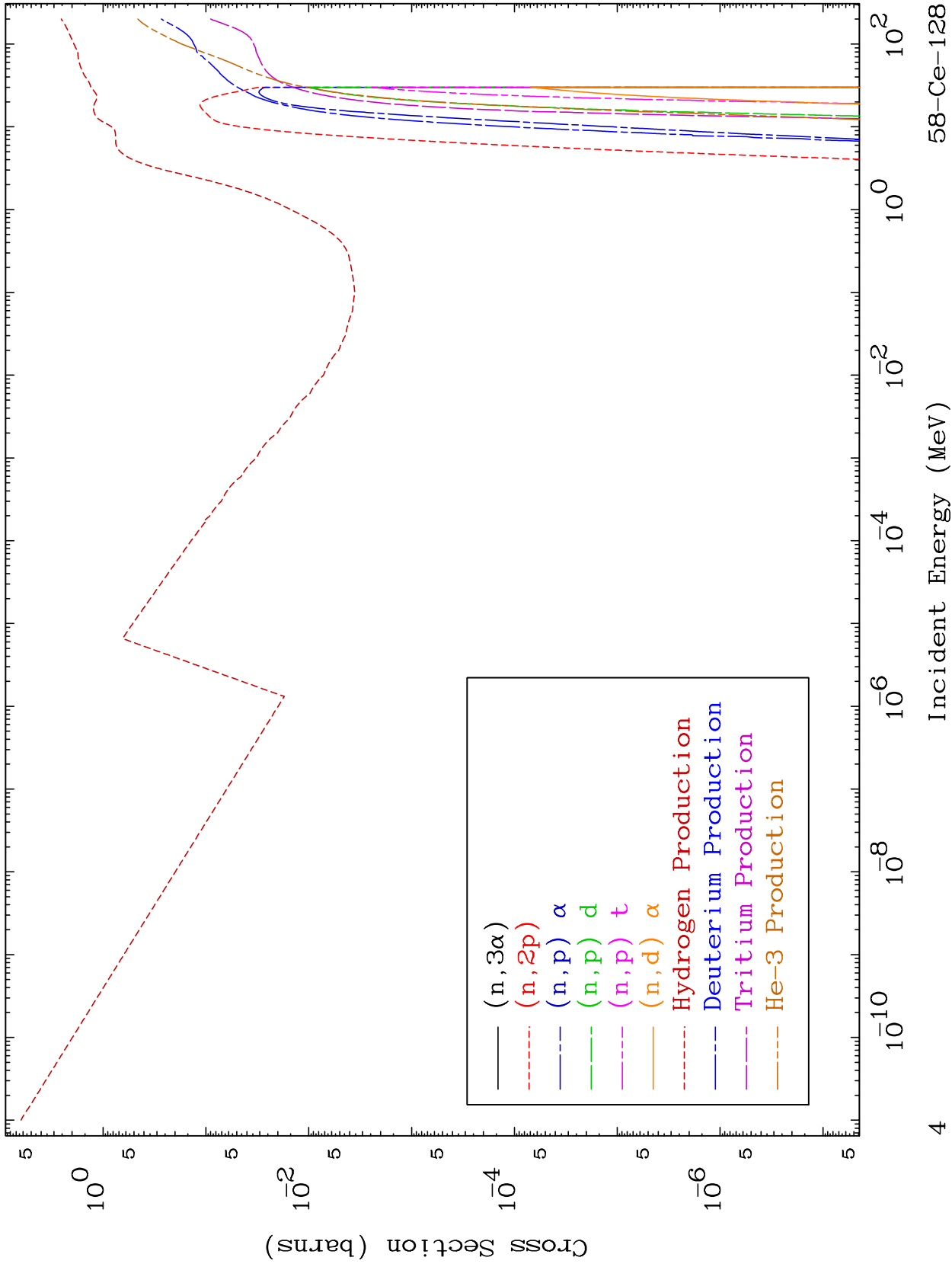
58-Ce-128



MAT 5801

Neutron Absorption
293 Kelvin Cross Sections

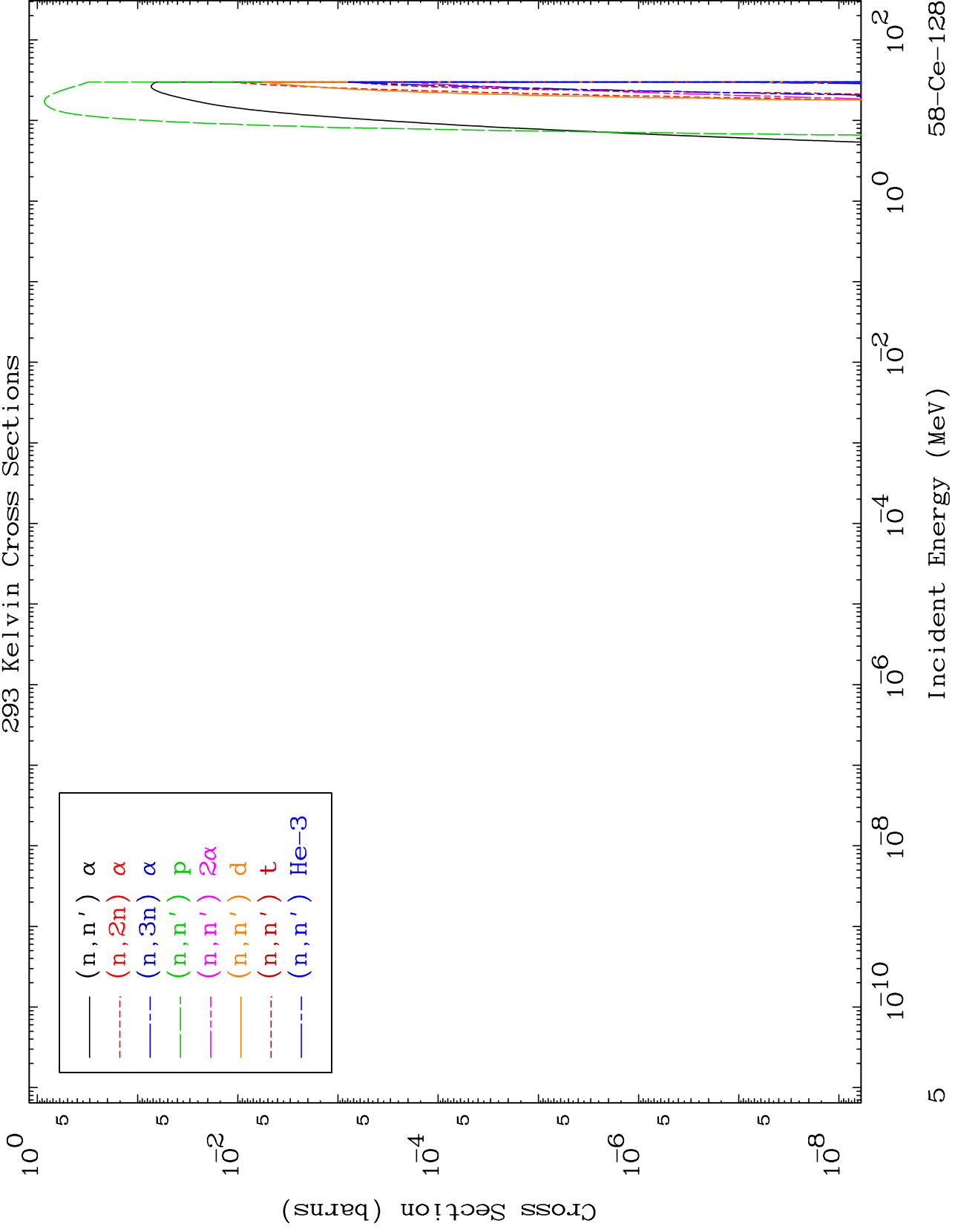
58-Ce-128



MAT 5801

Charged Particle
293 Kelvin Cross Sections

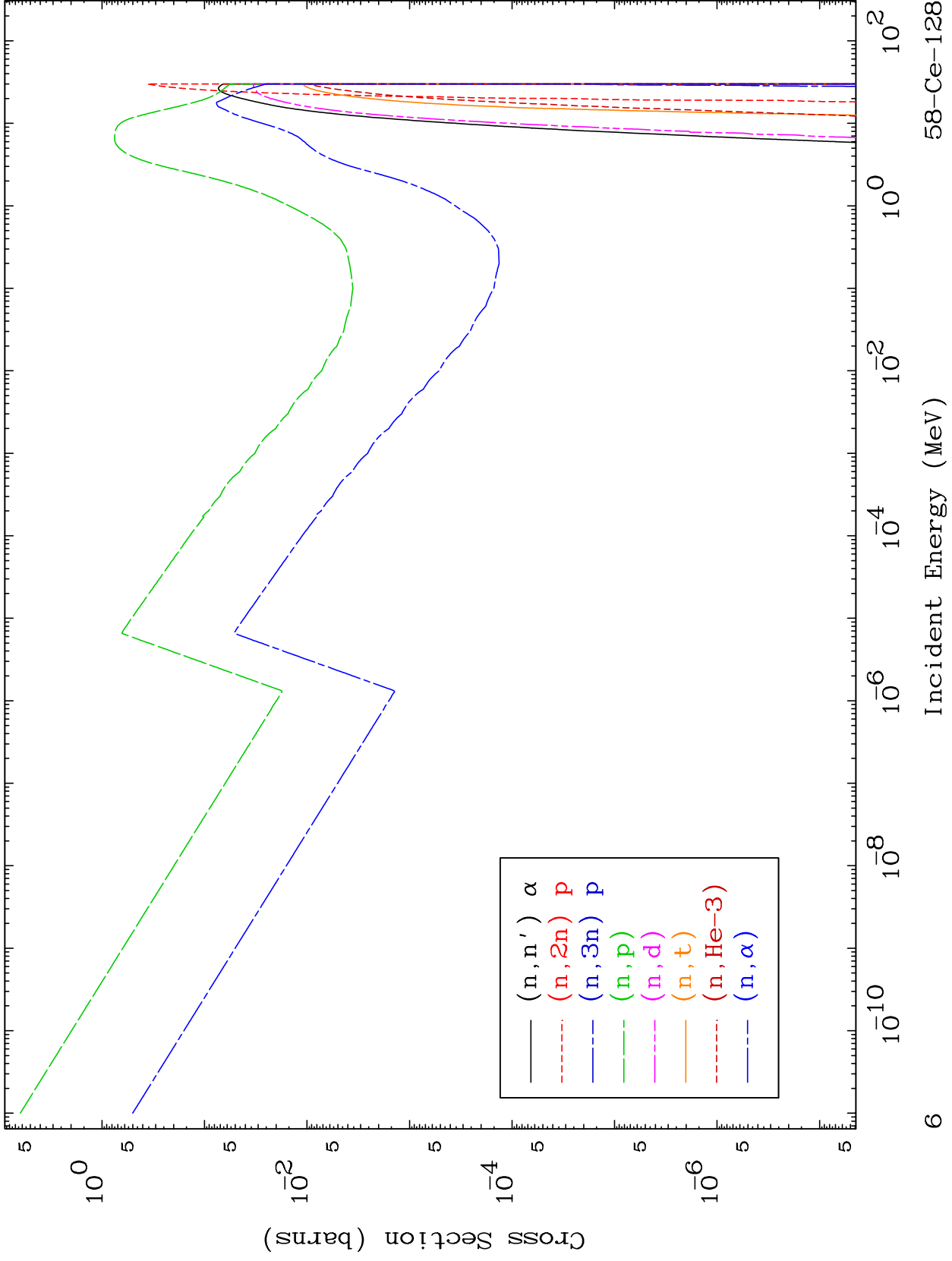
58-Ce-128



MAT 5801

Charged Particle
293 Kelvin Cross Sections

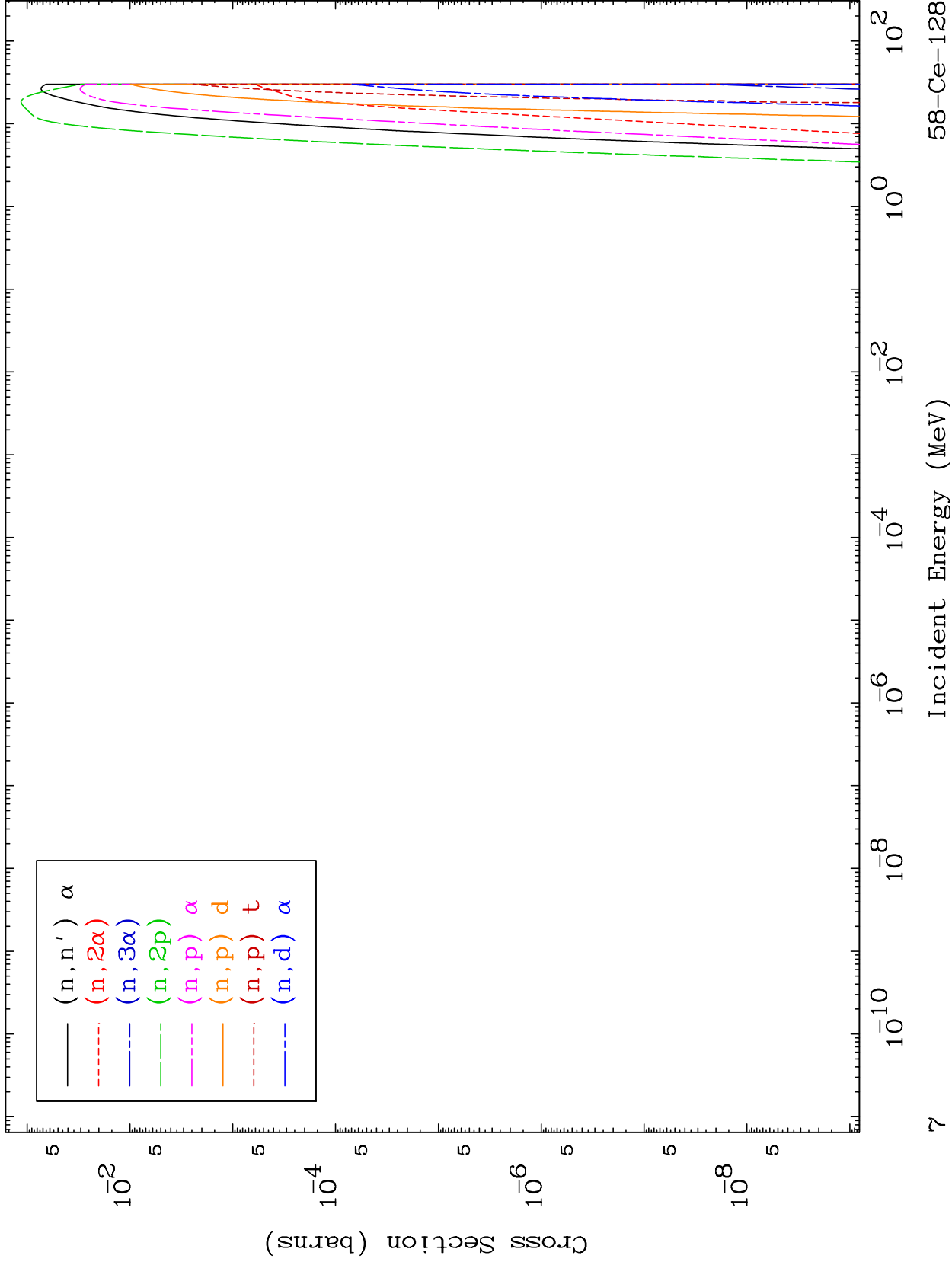
58-Ce-128

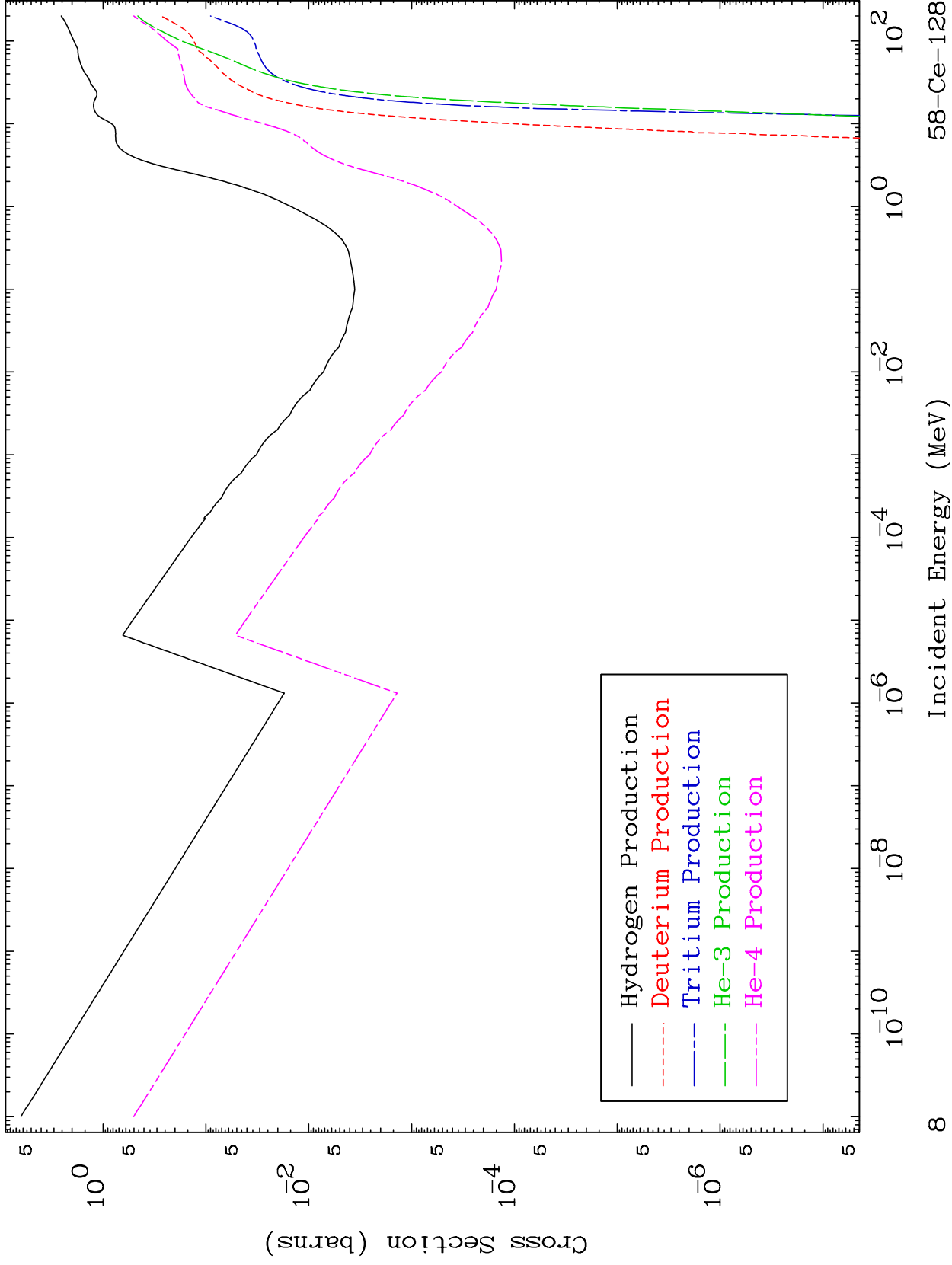


MAT 5801

Charged Particle
293 Kelvin Cross Sections

58-Ce-128

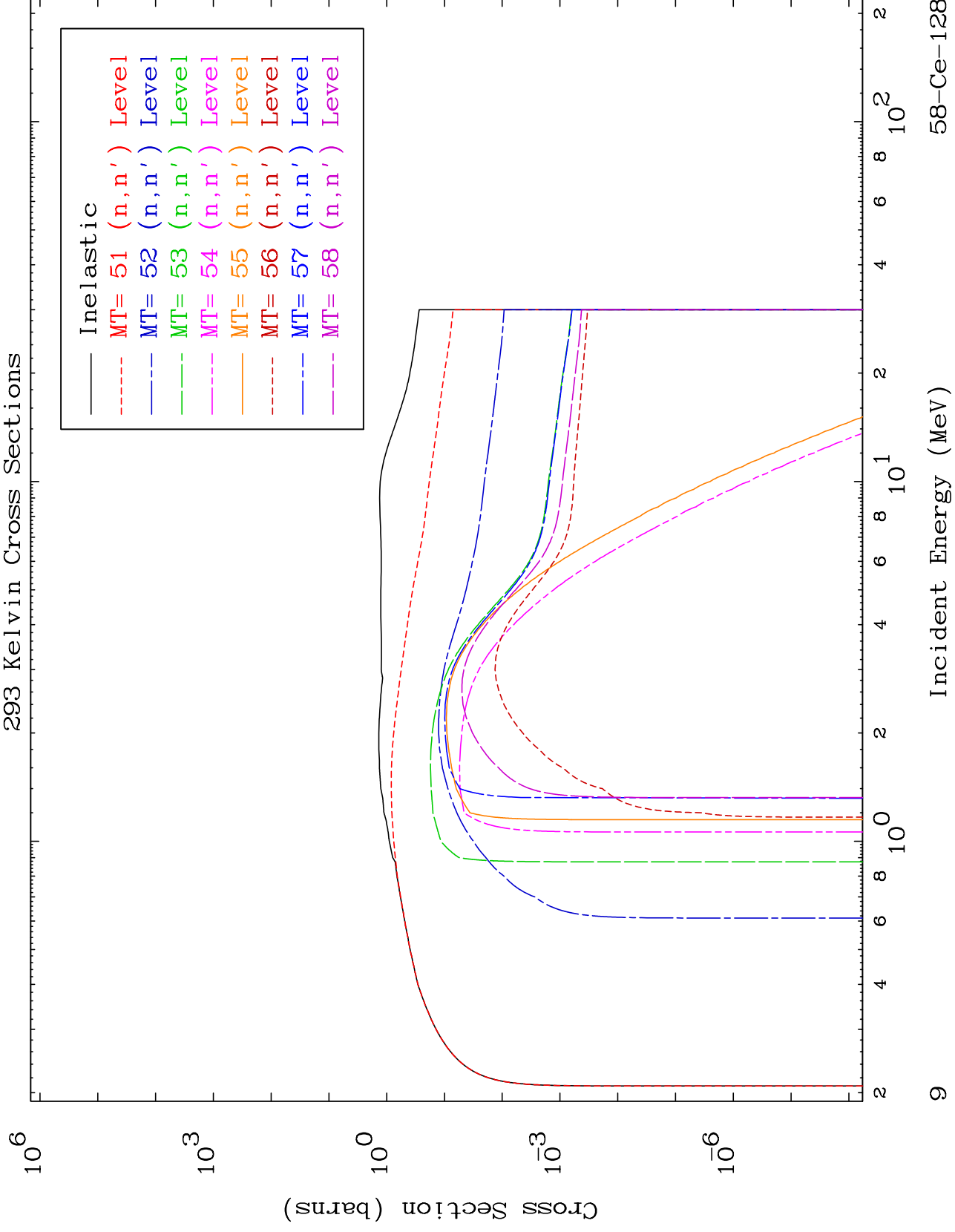


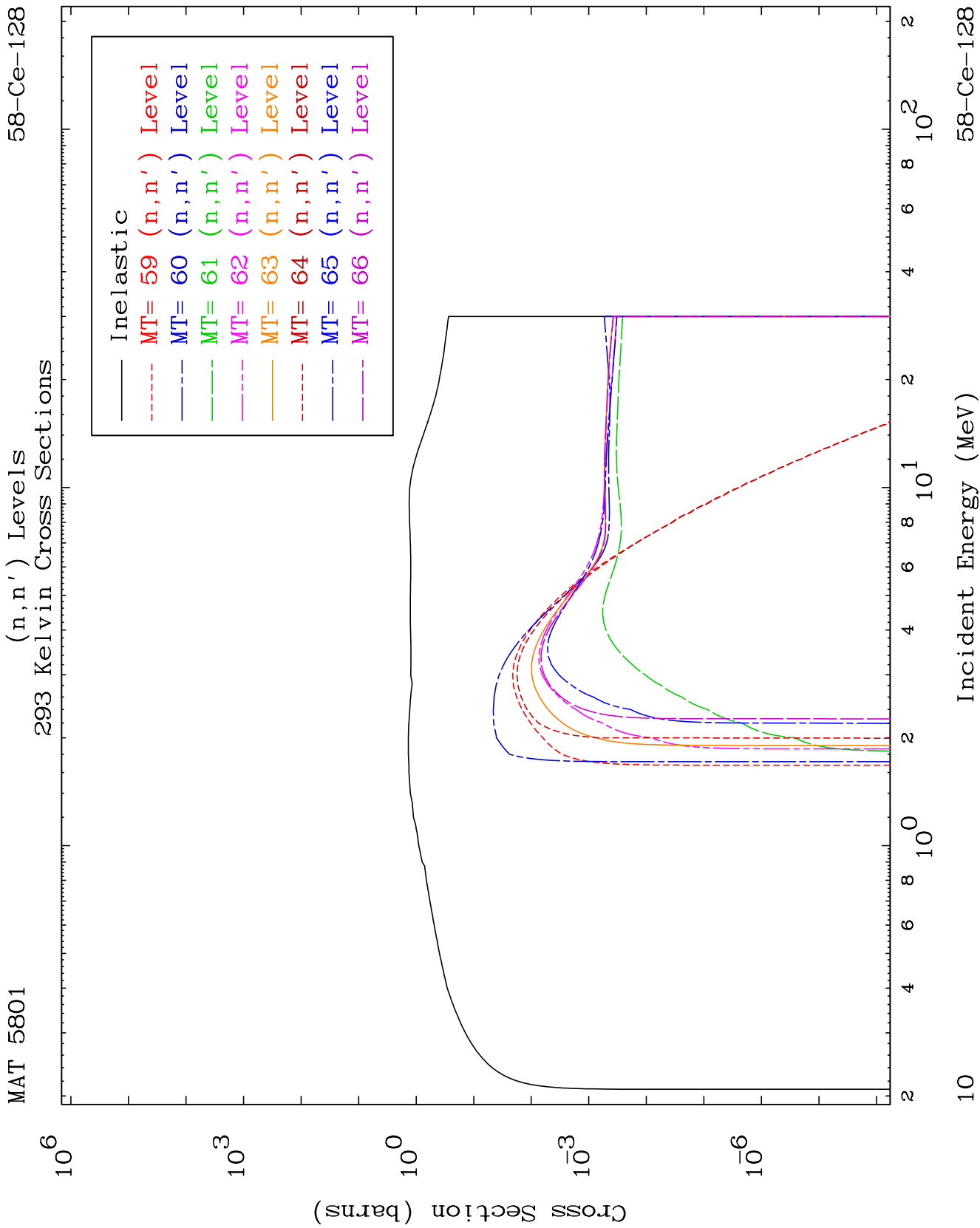


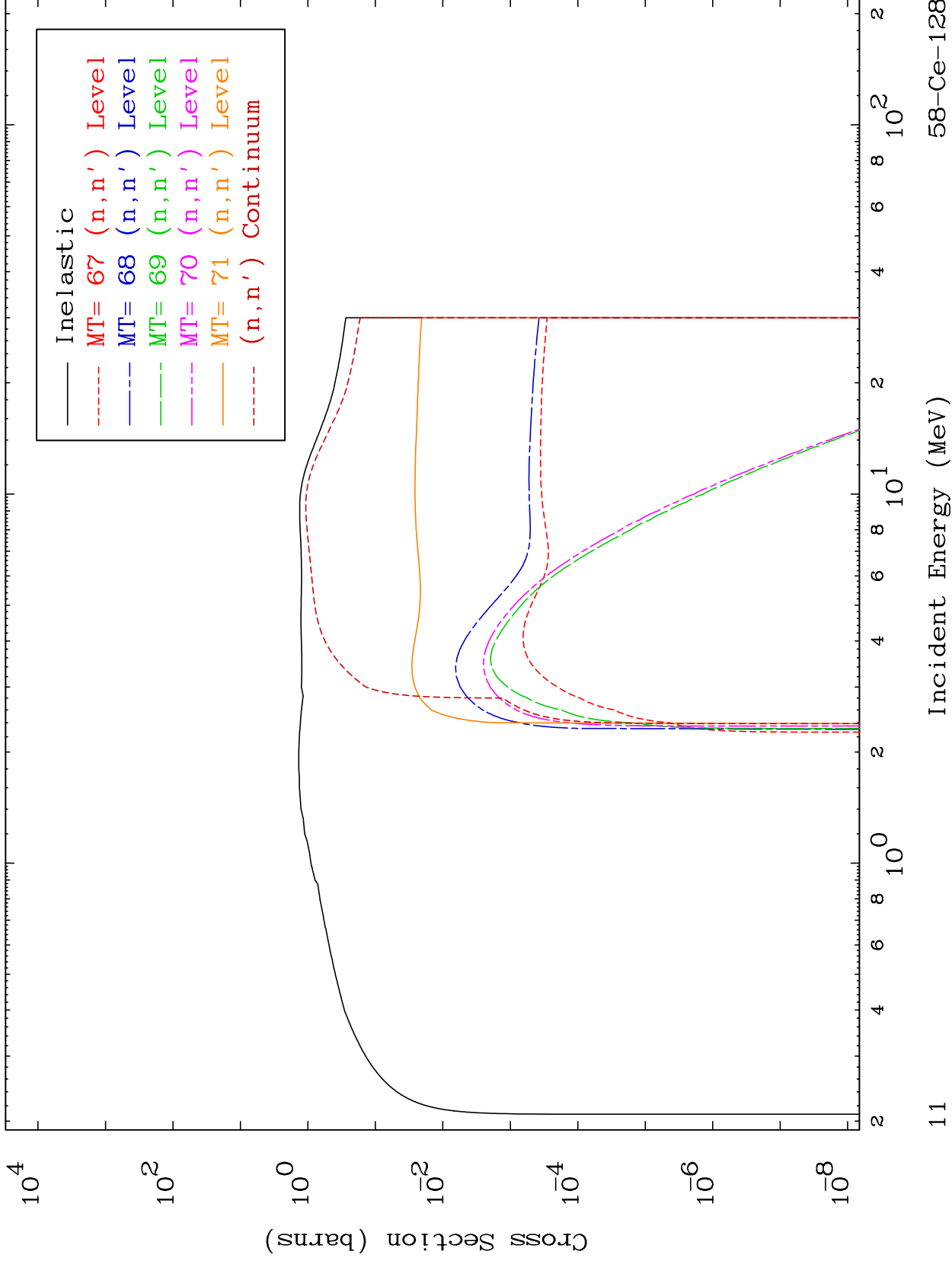
MAT 5801

(n,n') Levels
293 Kelvin Cross Sections

58-Ce-128



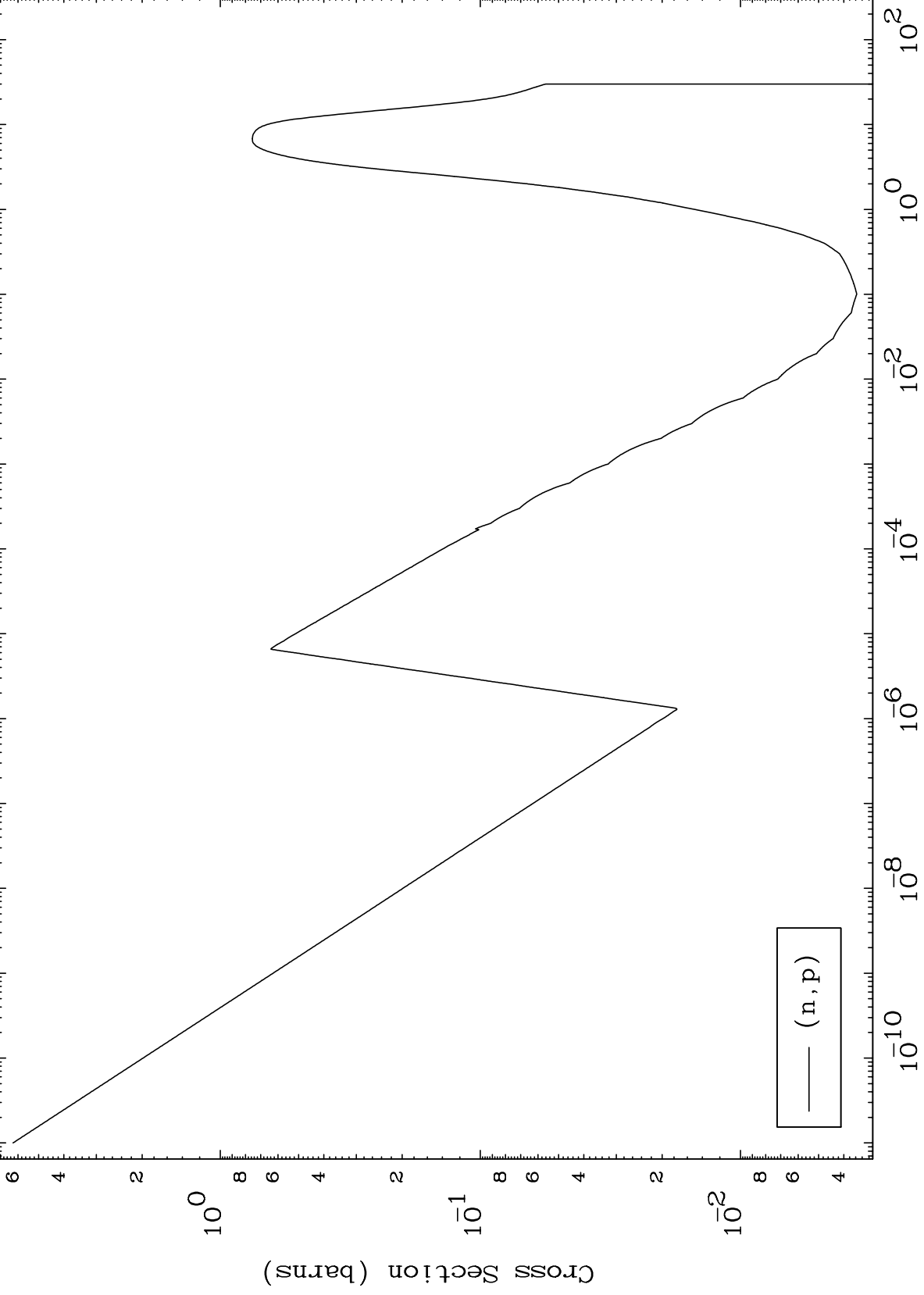




MAT 5801

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-128



12

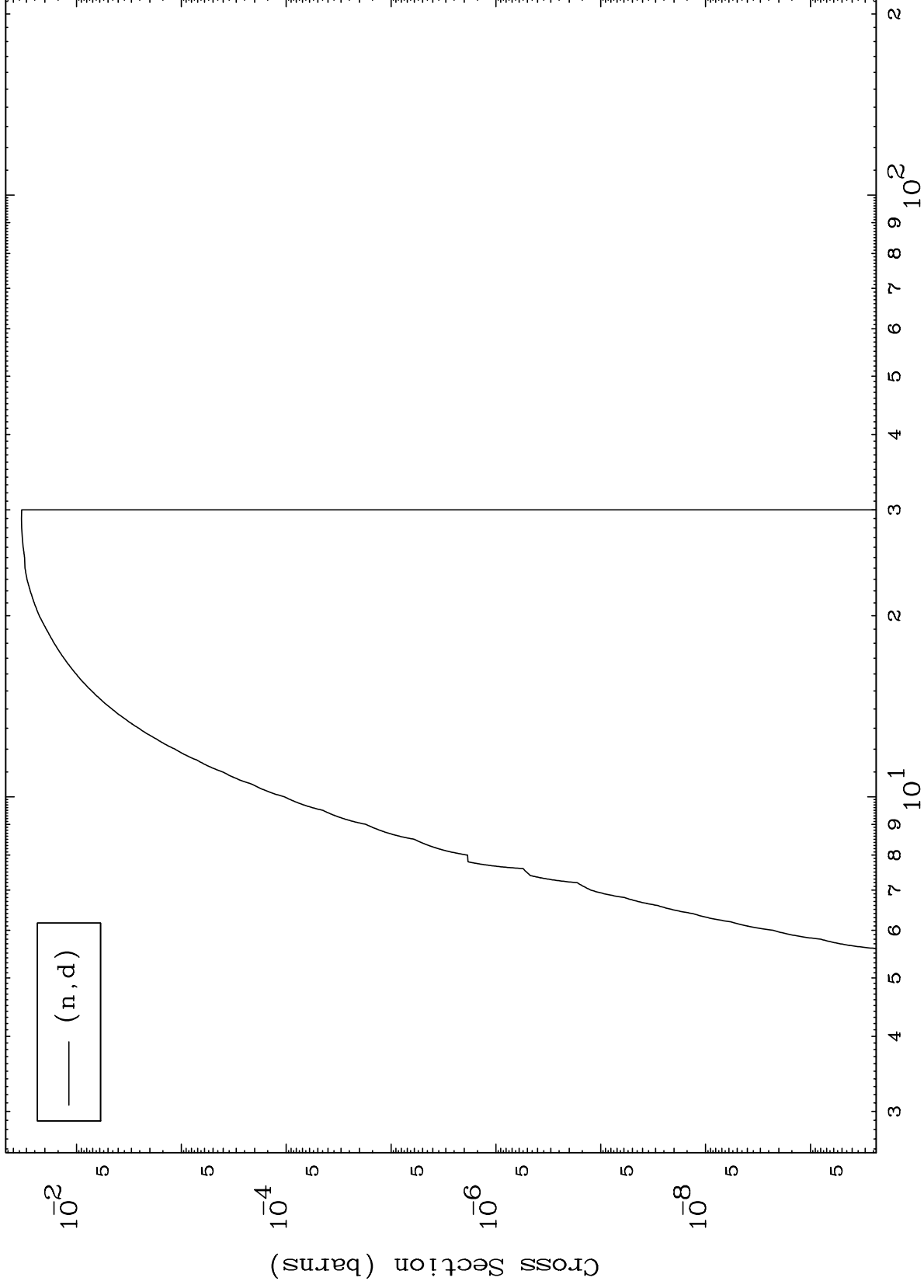
Incident Energy (MeV)

58-Ce-128

MAT 5801

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-128



13

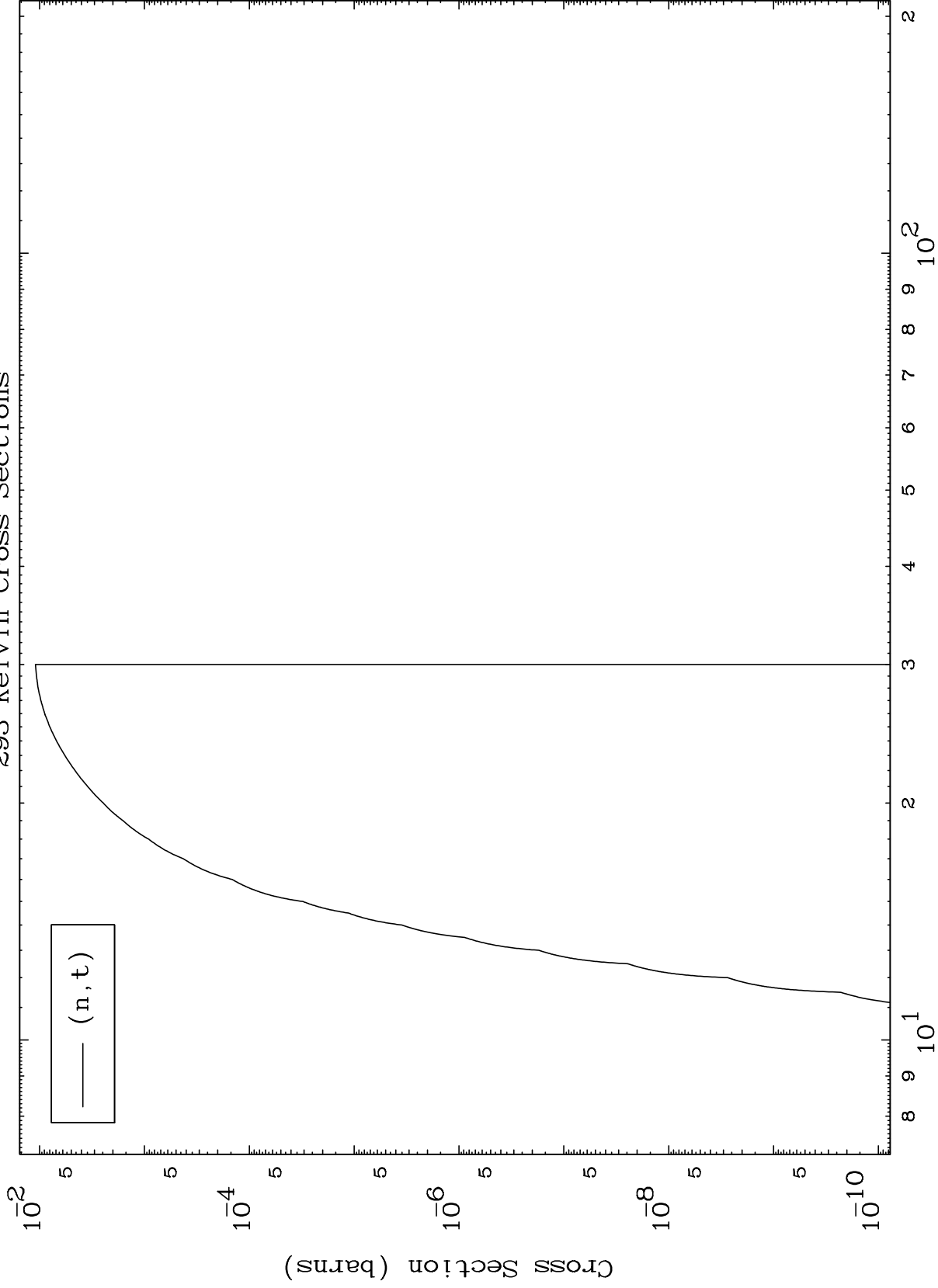
Incident Energy (MeV)

58-Ce-128

MAT 5801

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-128



14

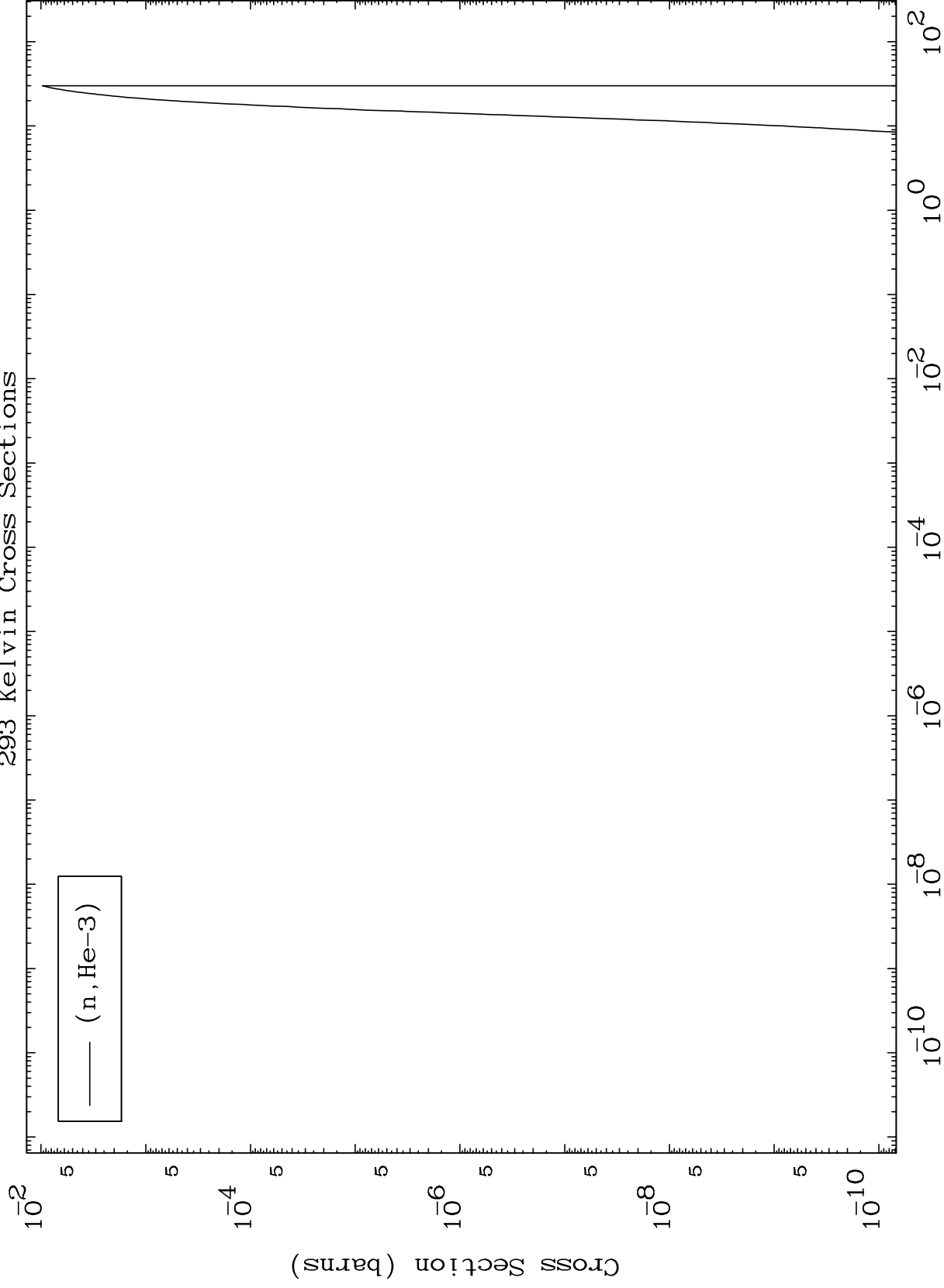
Incident Energy (MeV)

58-Ce-128

MAT 5801

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-128



15

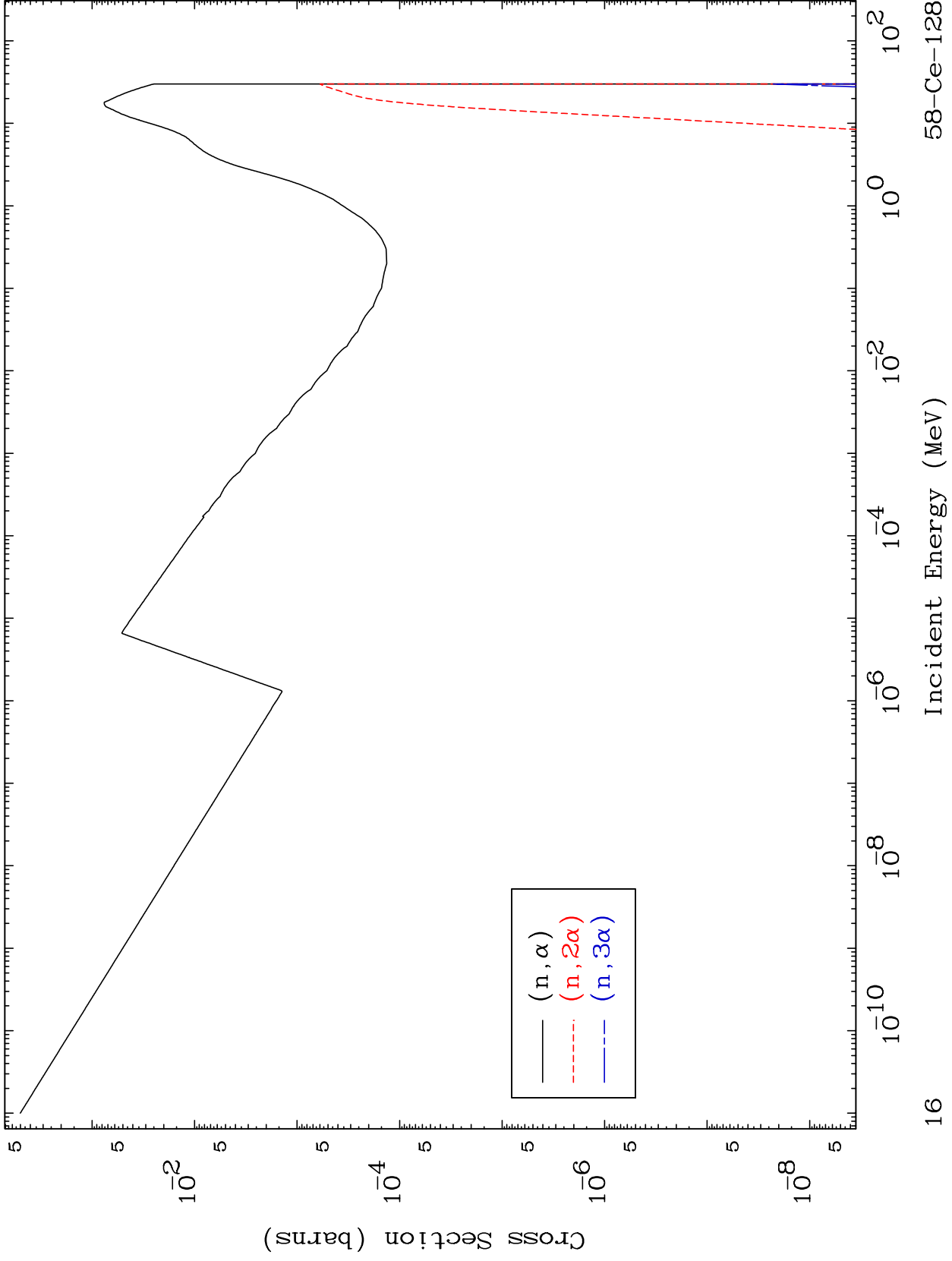
Incident Energy (MeV)

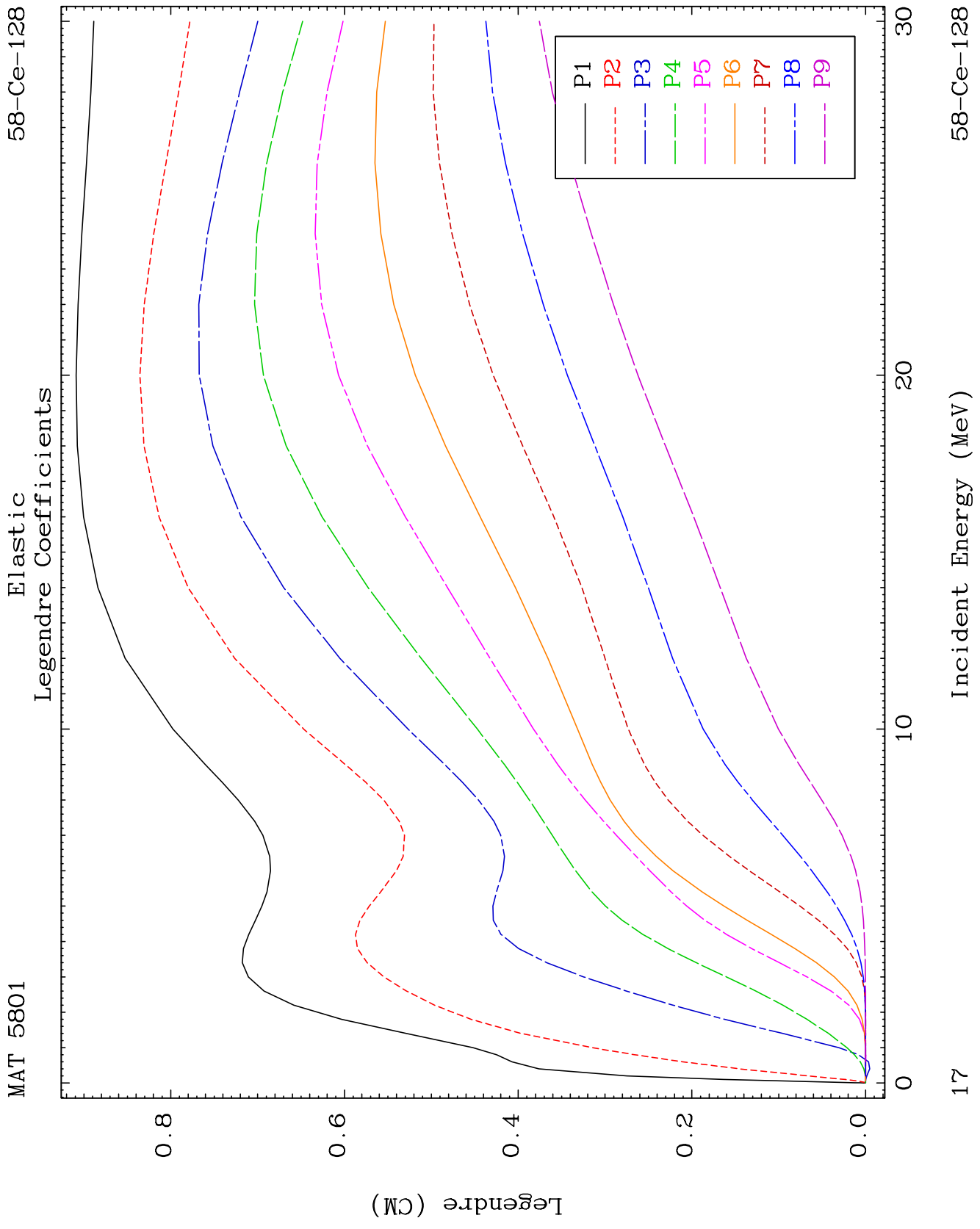
58-Ce-128

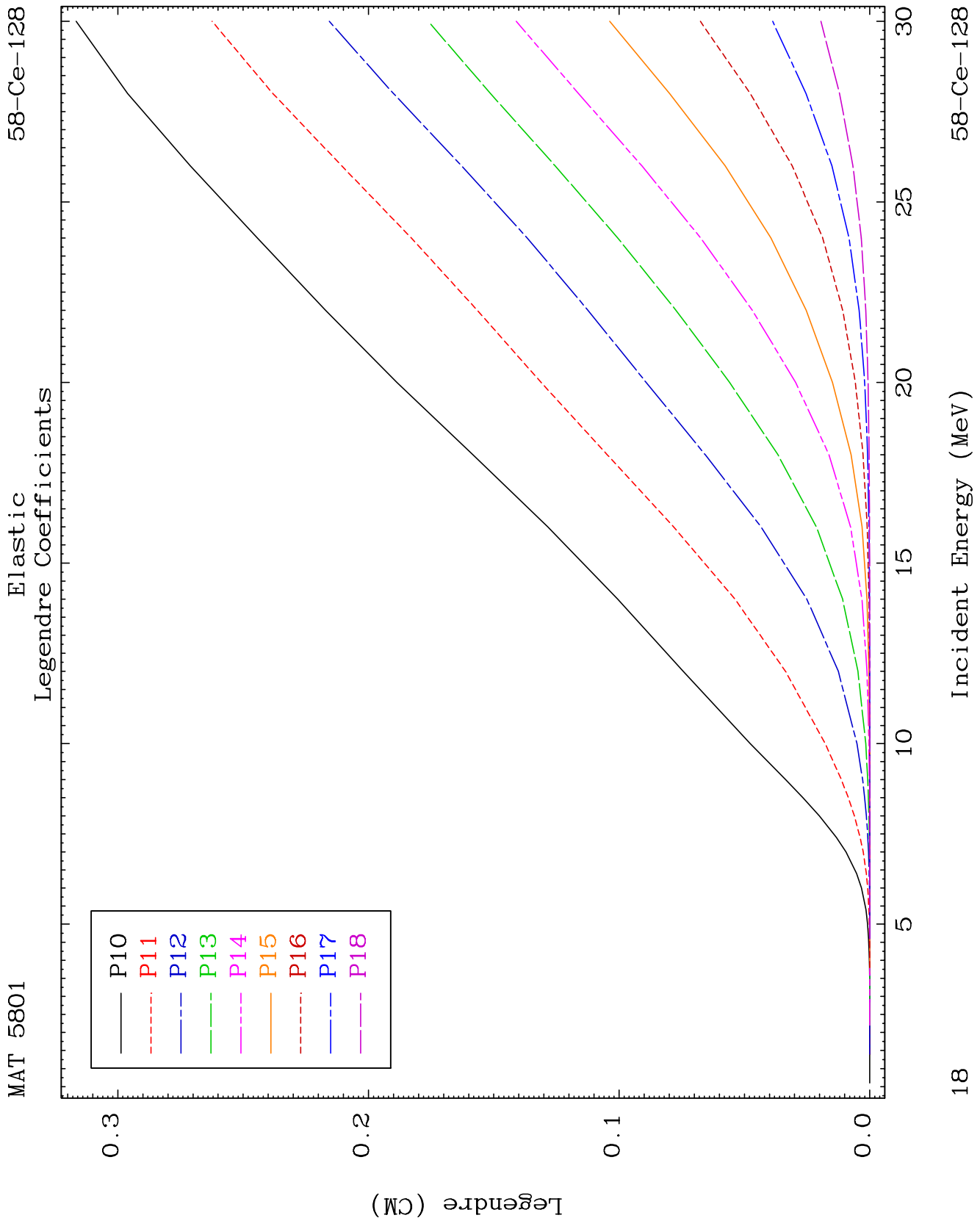
MAT 5801

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-128



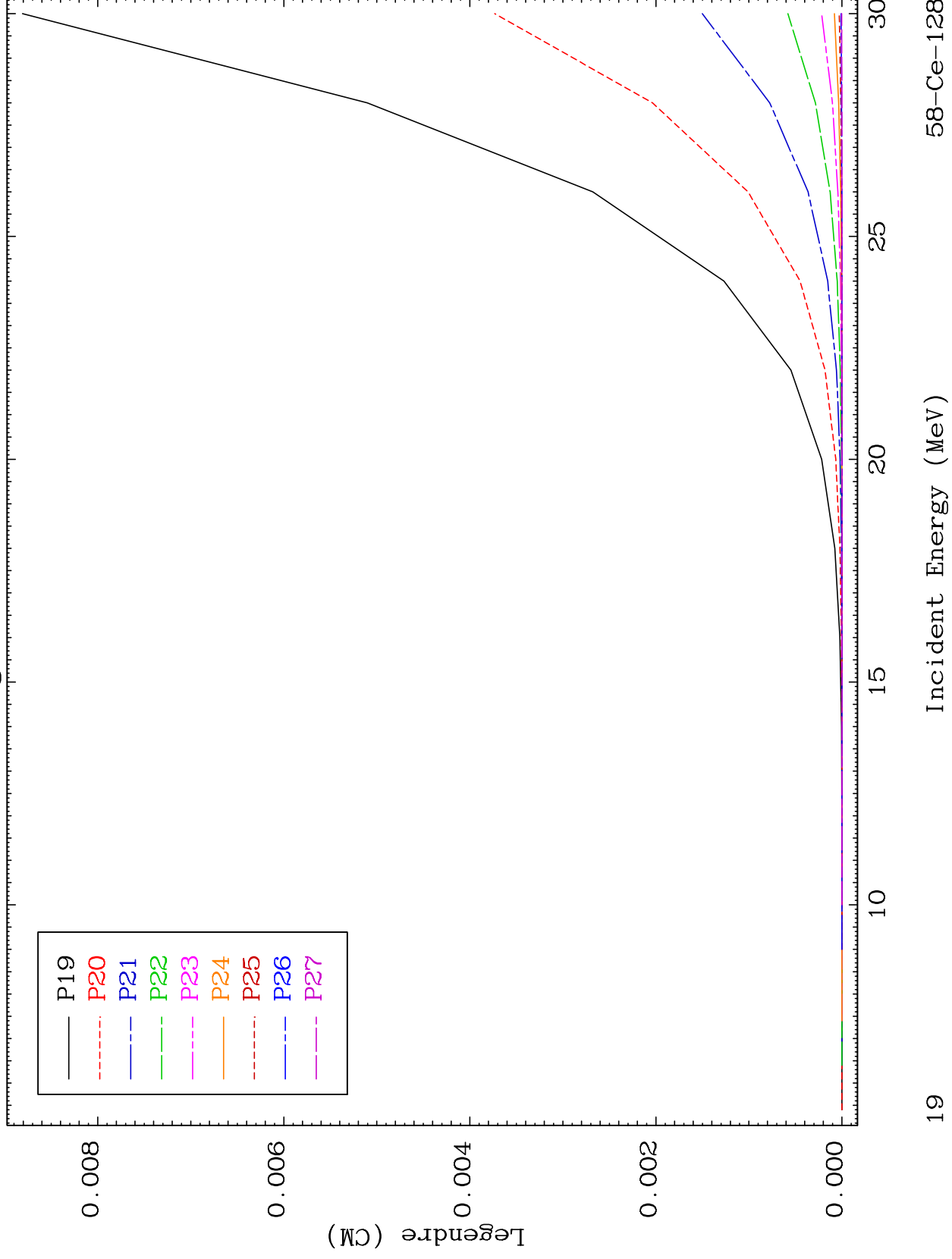




MAT 5801

Elastic Legendre Coefficients

58-Ce-128



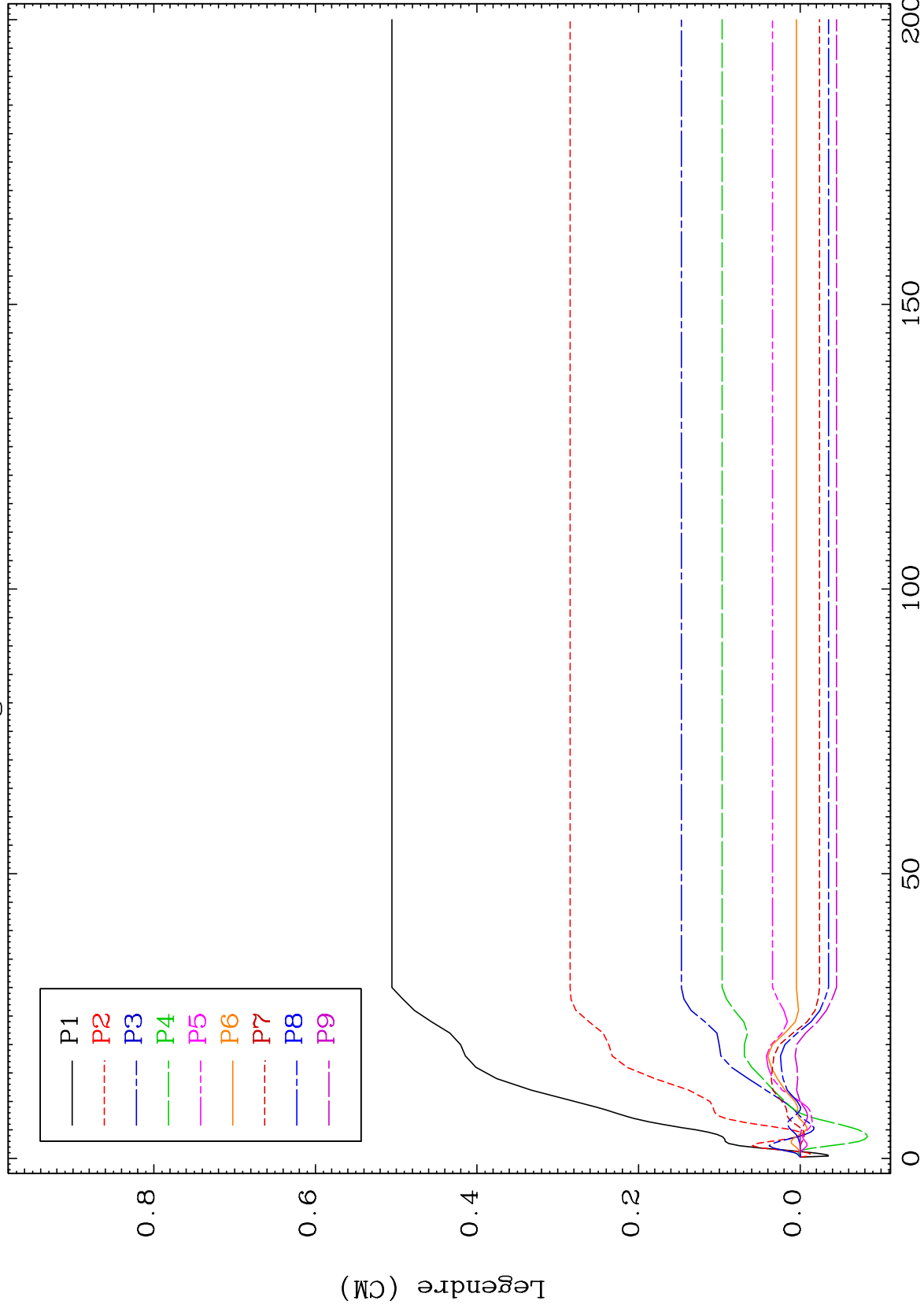
19

58-Ce-128

MAT 5801

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

58-Ce-128



21

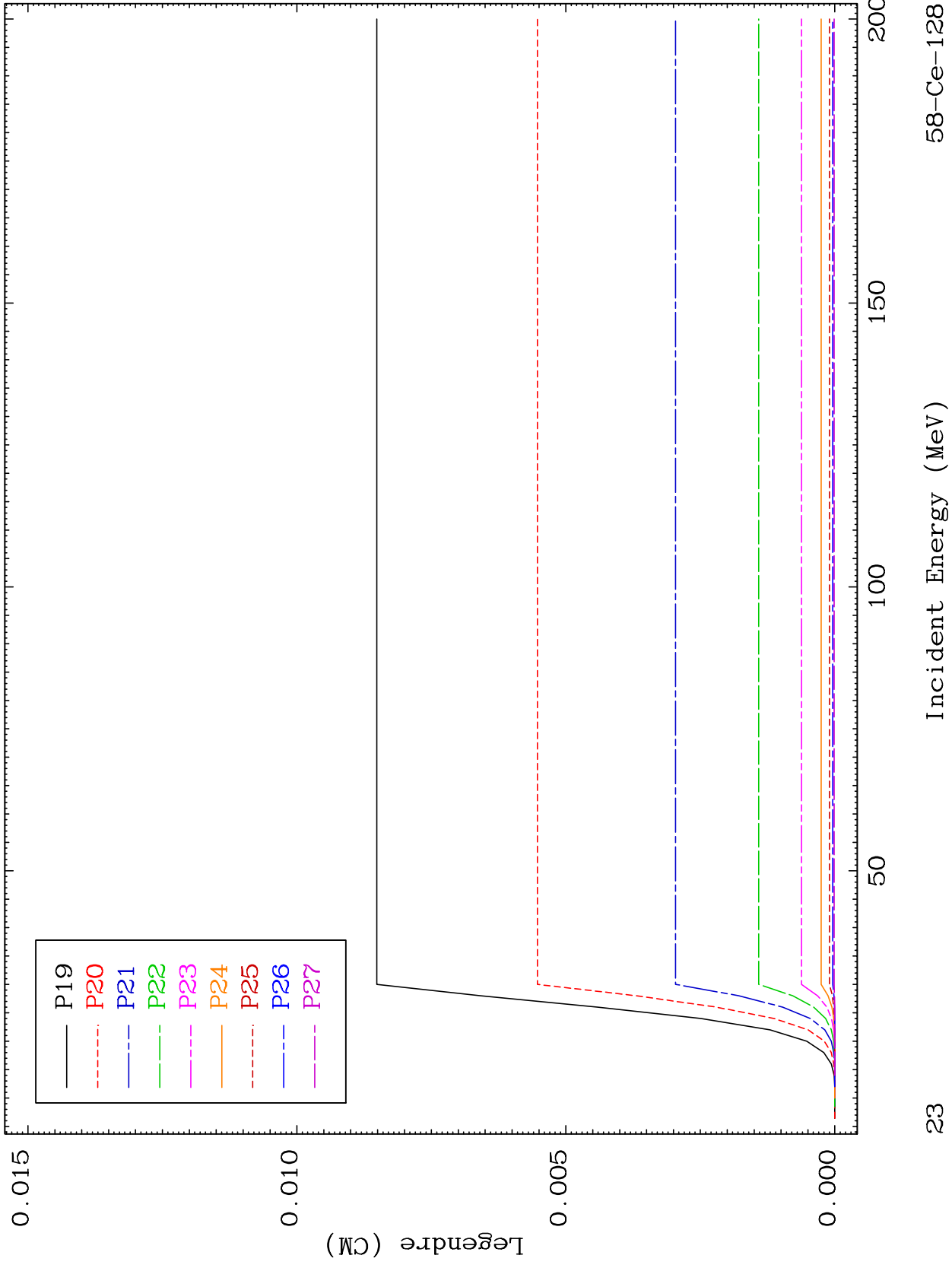
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128



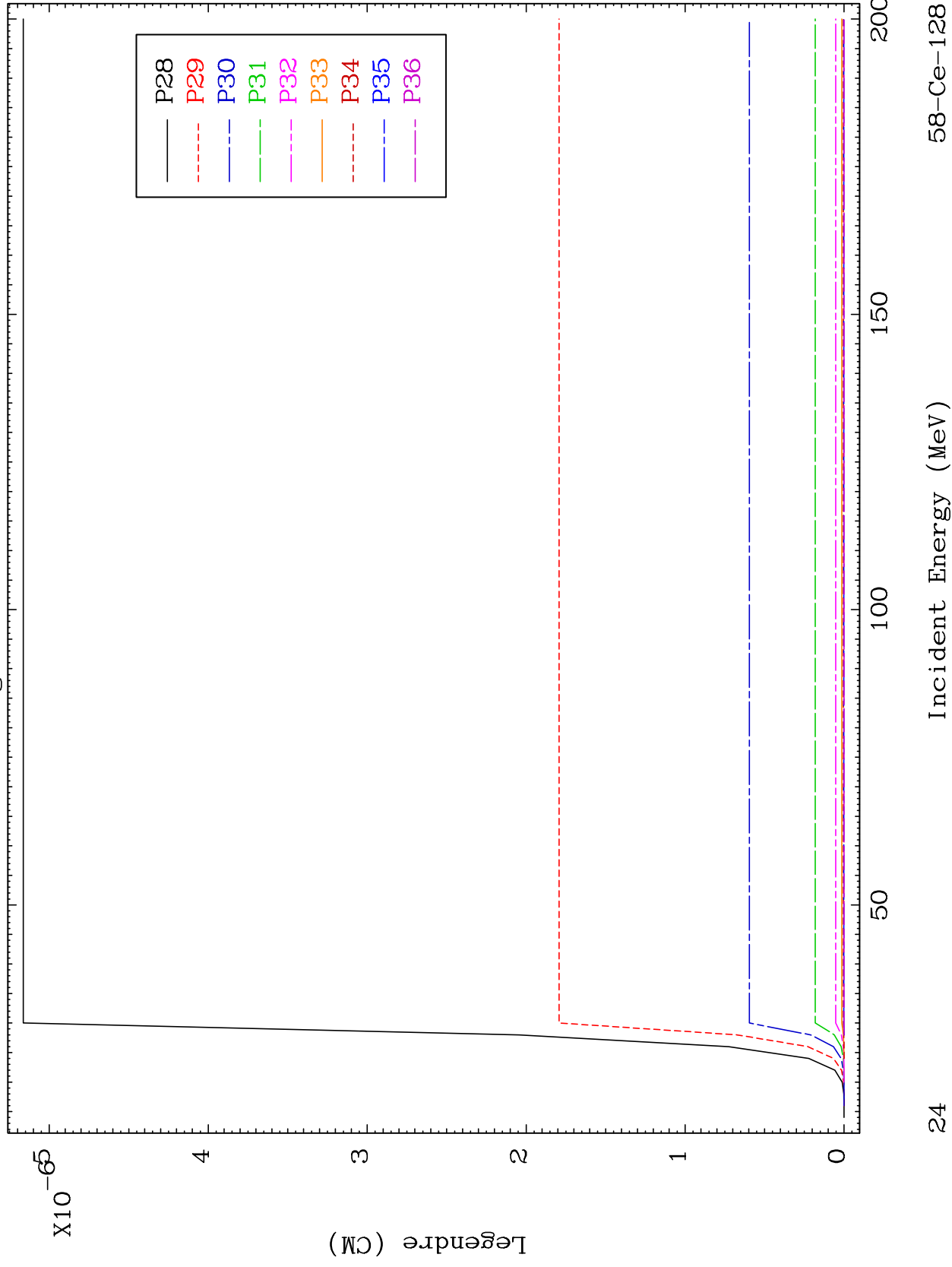
23

58-Ce-128

MAT 5801

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

58-Ce-128



24

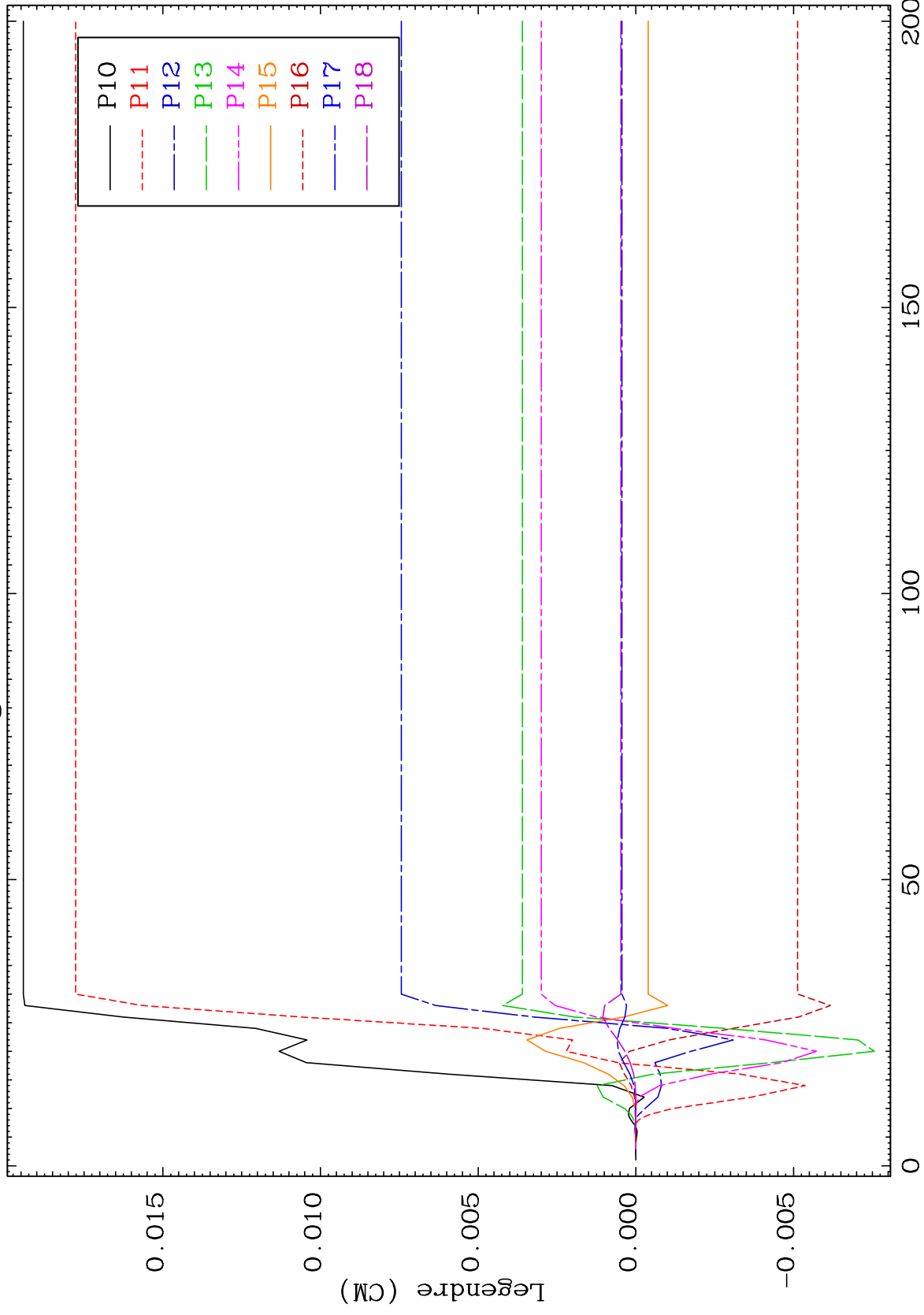
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128



26

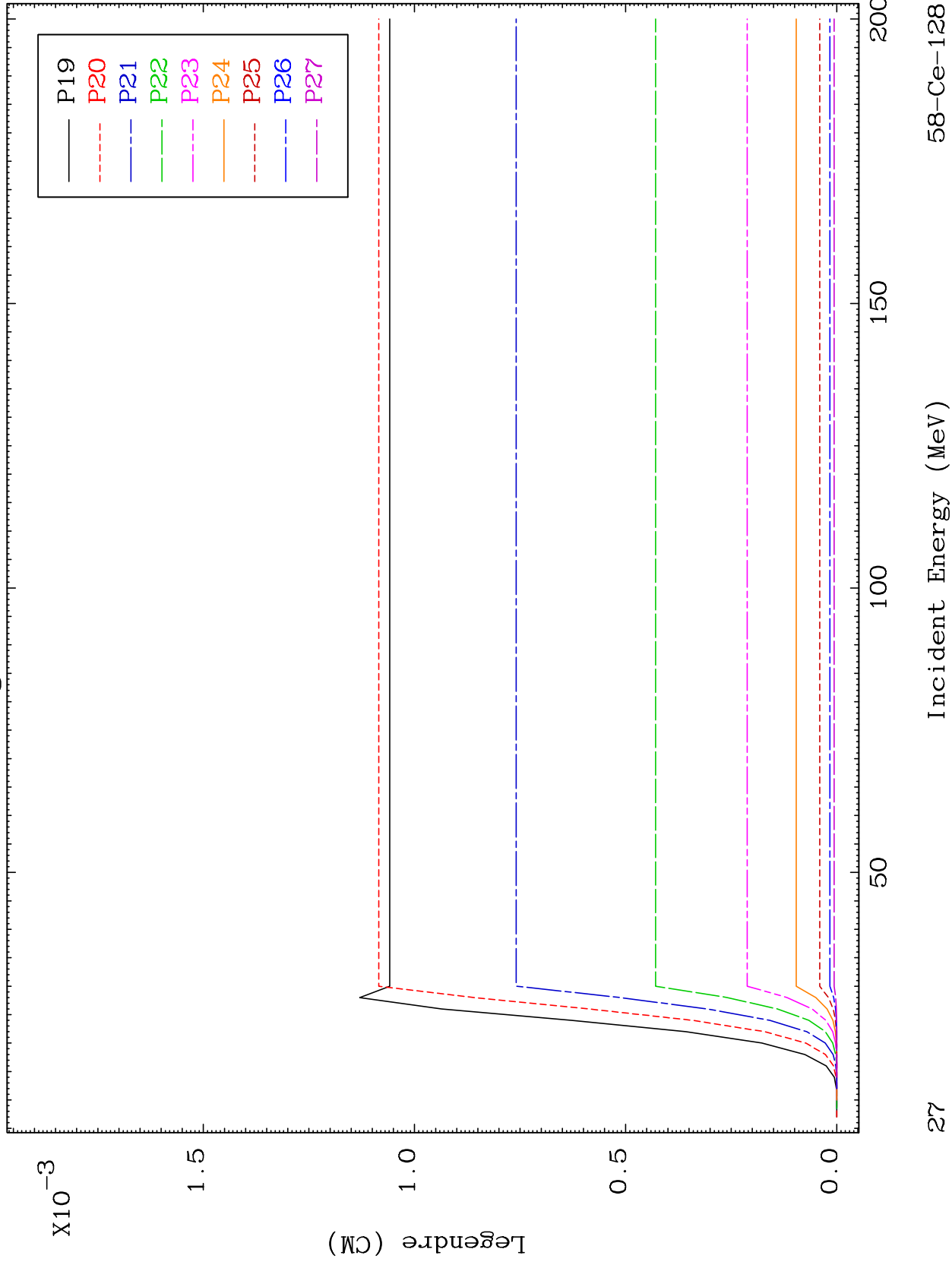
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128

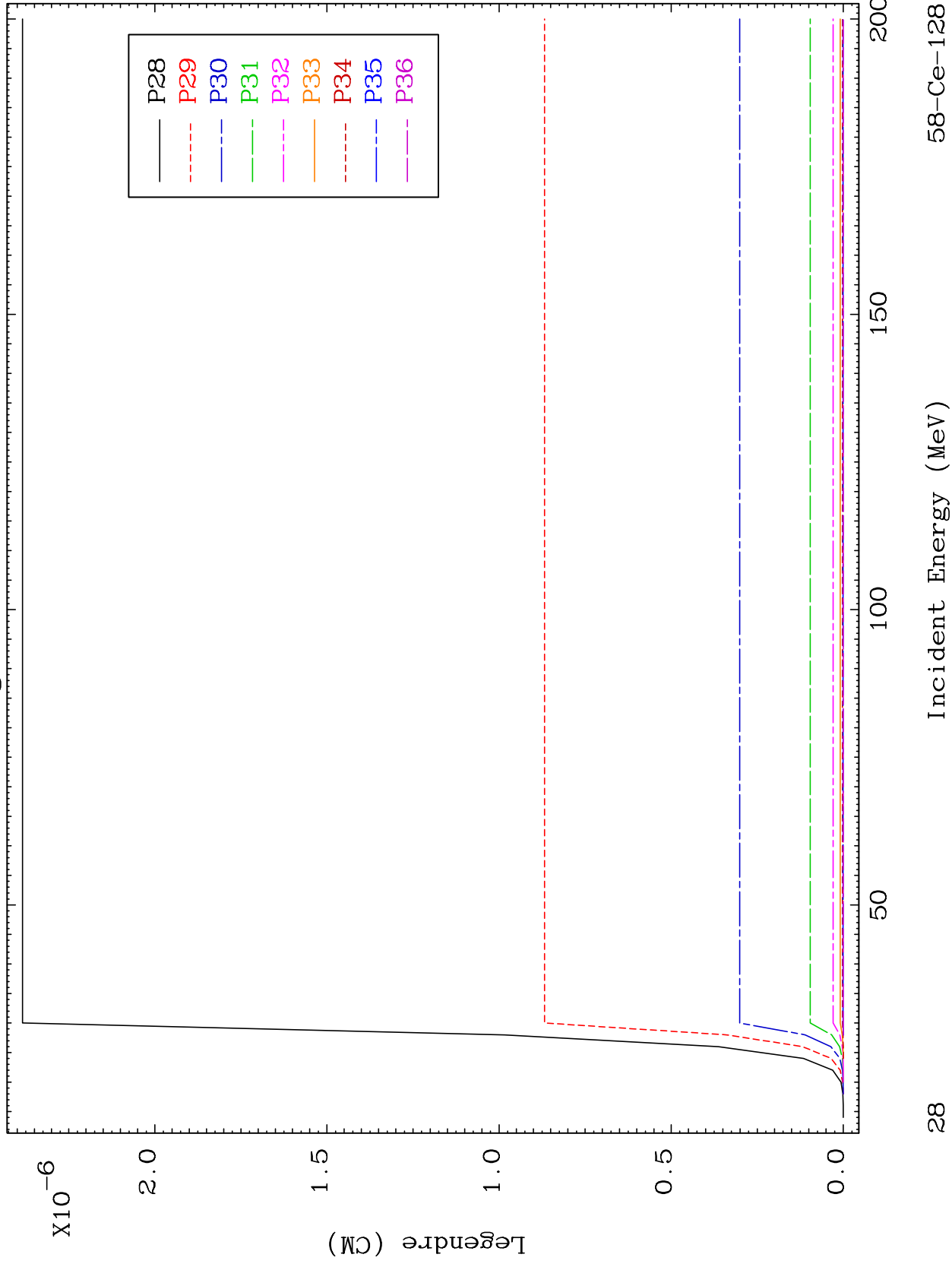


27

MAT 5801

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

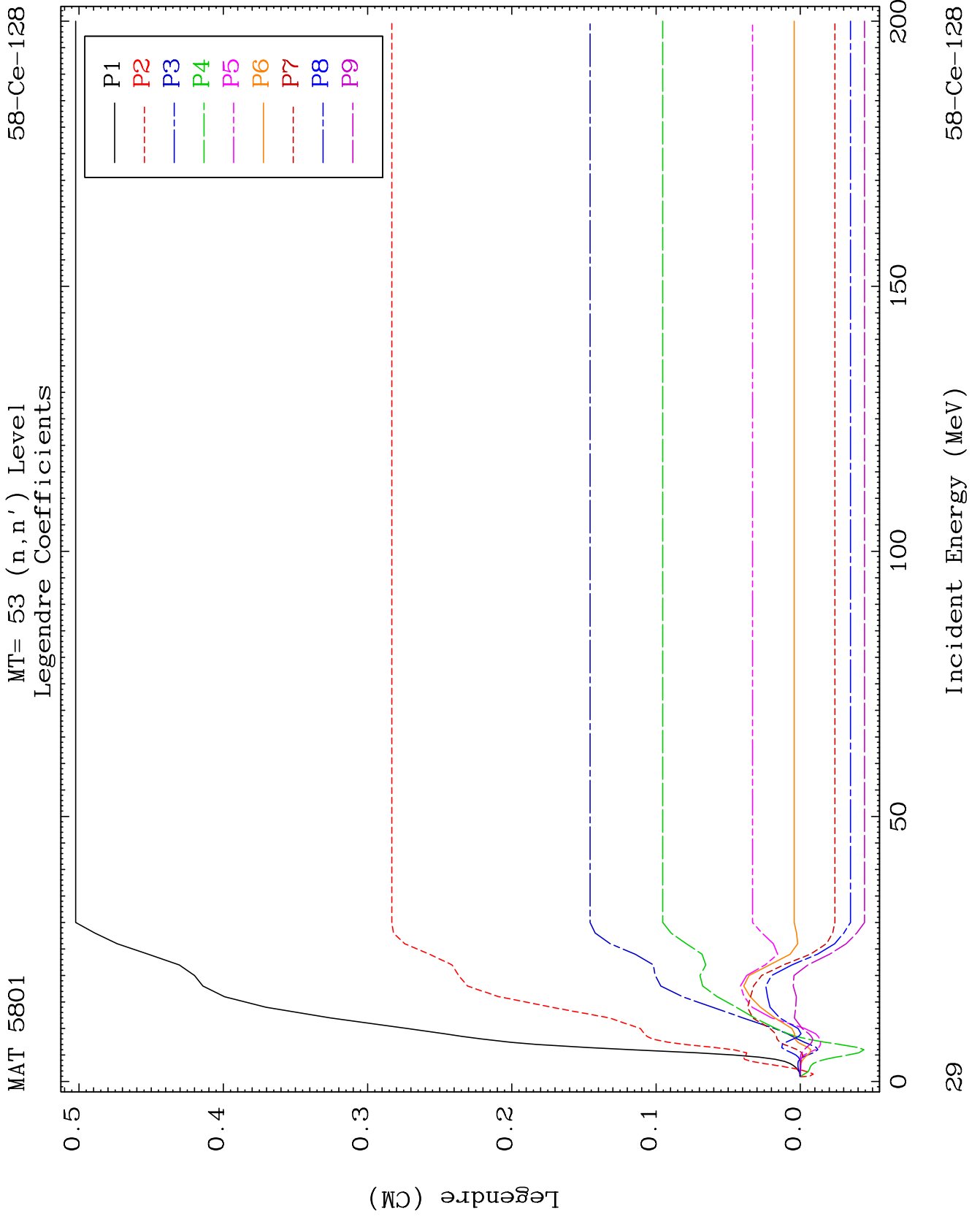
58-Ce-128



28

Incident Energy (MeV)

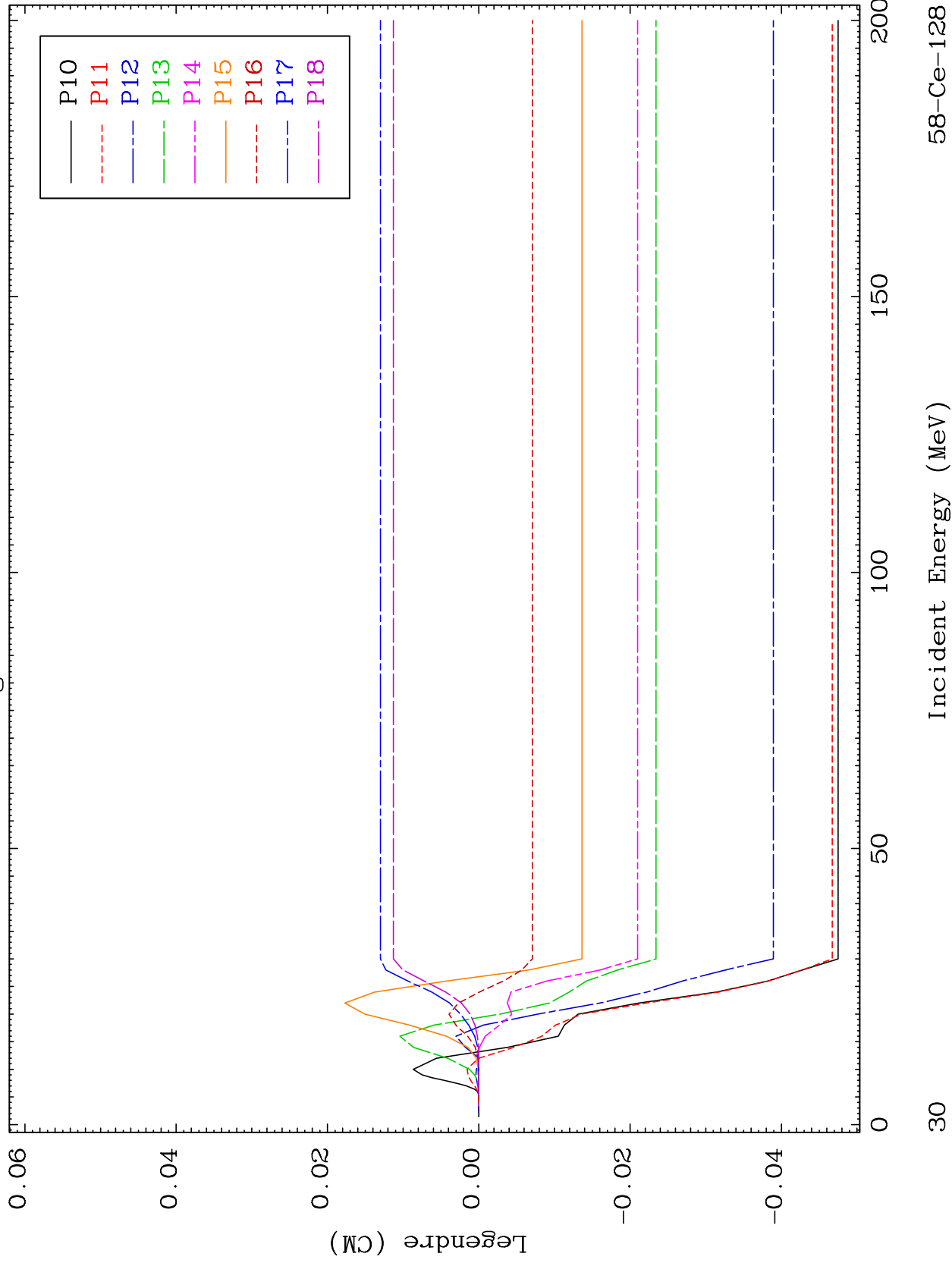
58-Ce-128



MAT 5801

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

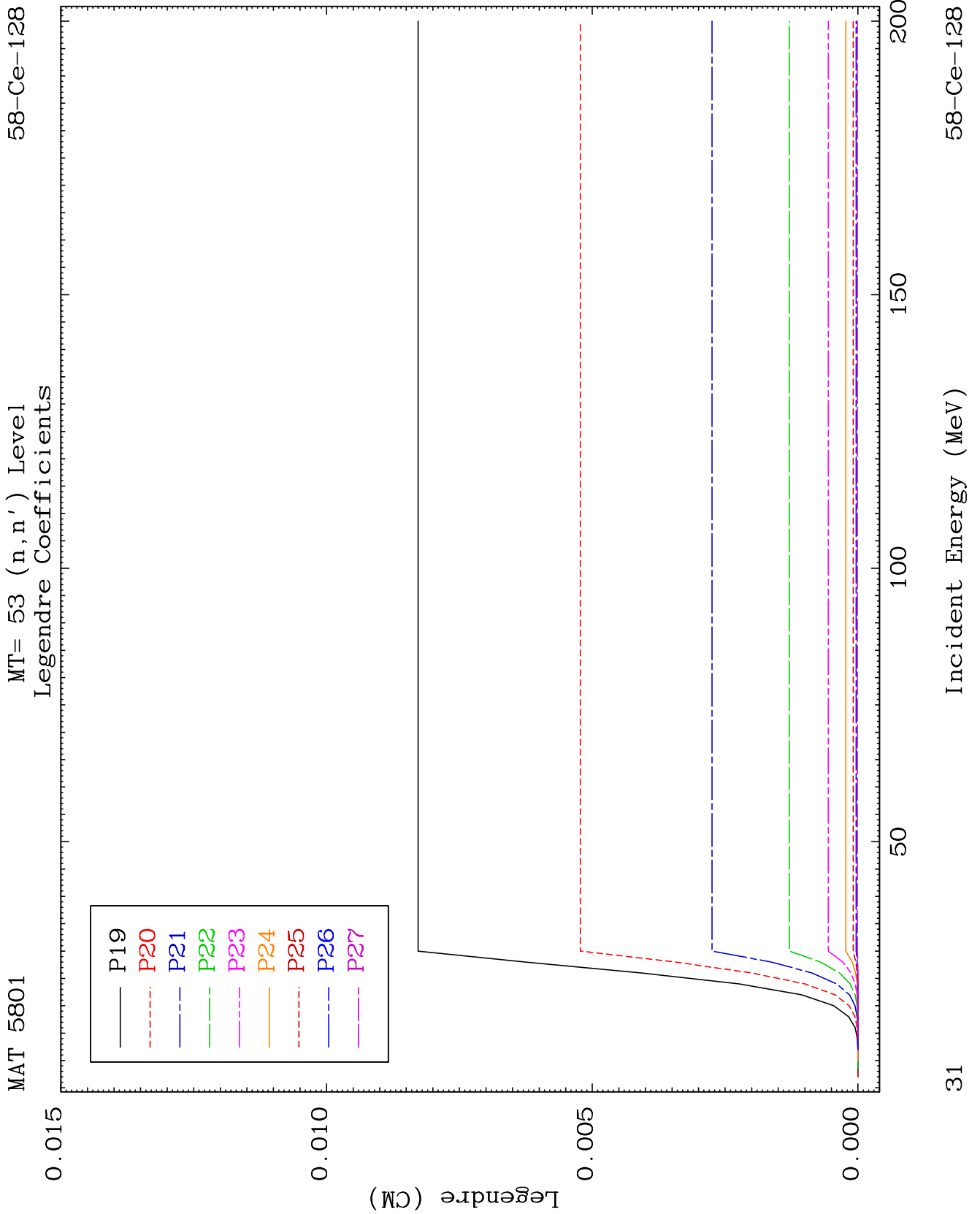
58-Ce-128



58-Ce-128

Incident Energy (MeV)

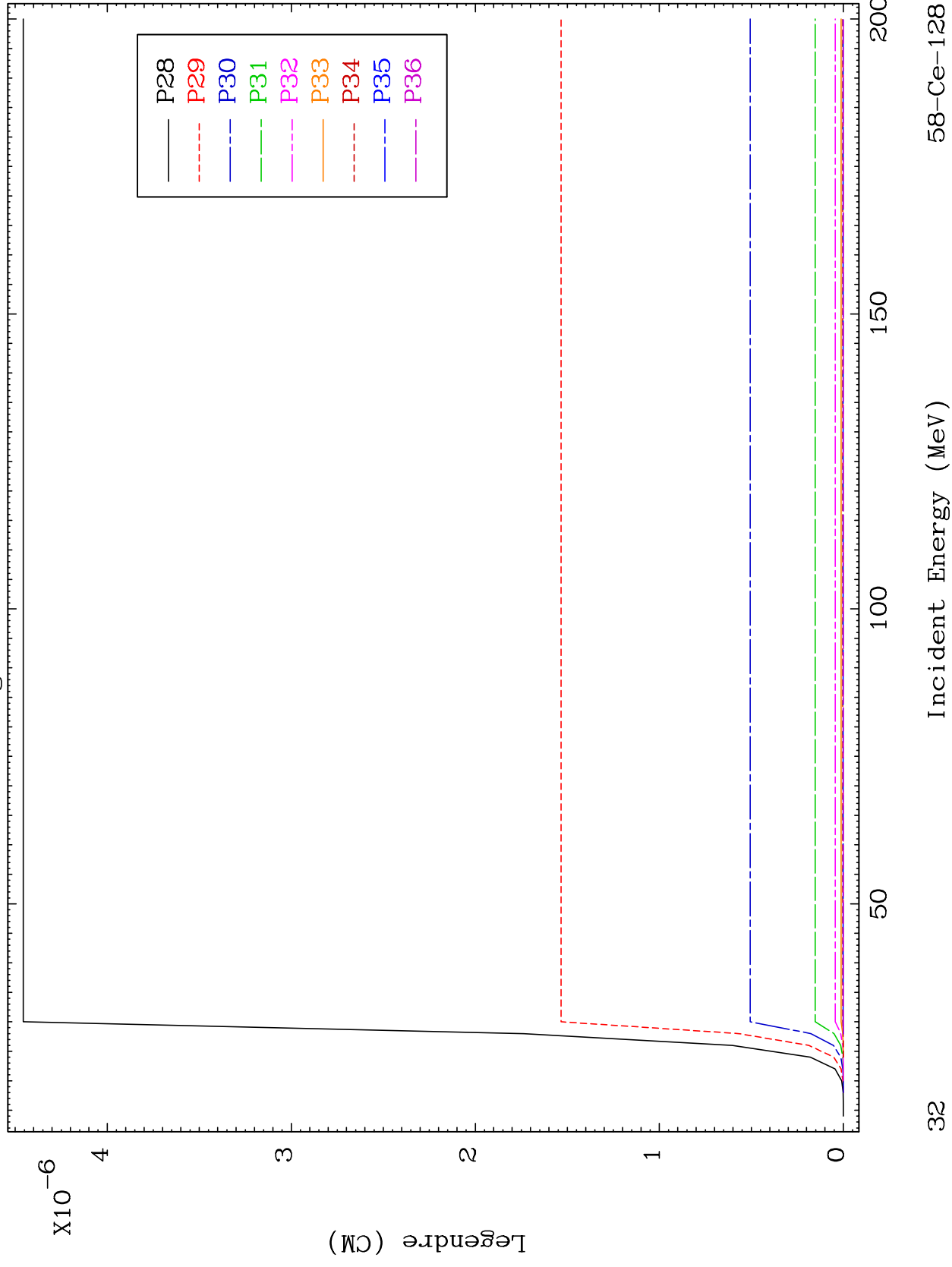
30



MAT 5801

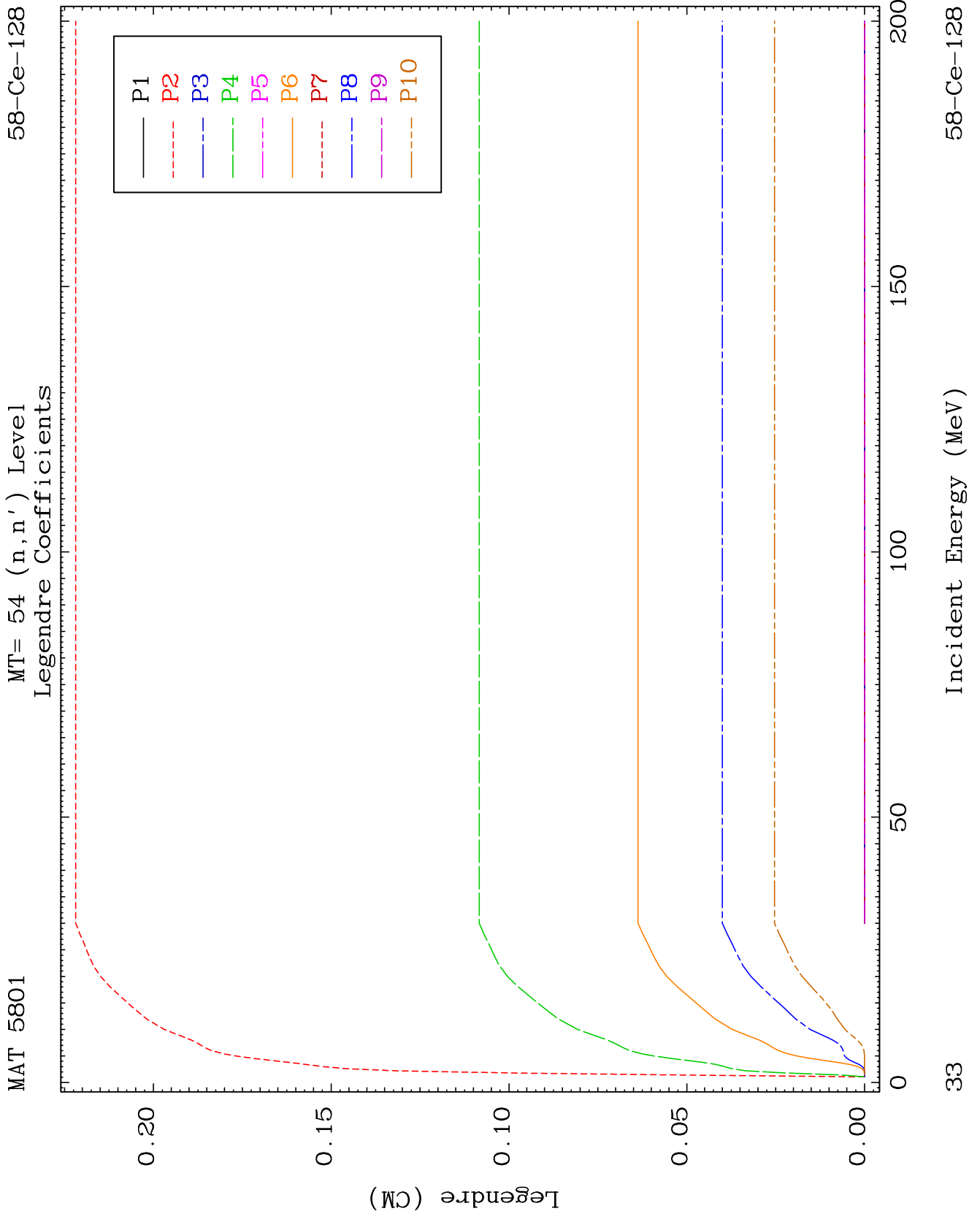
MT= 53 (n,n') Level
Legendre Coefficients

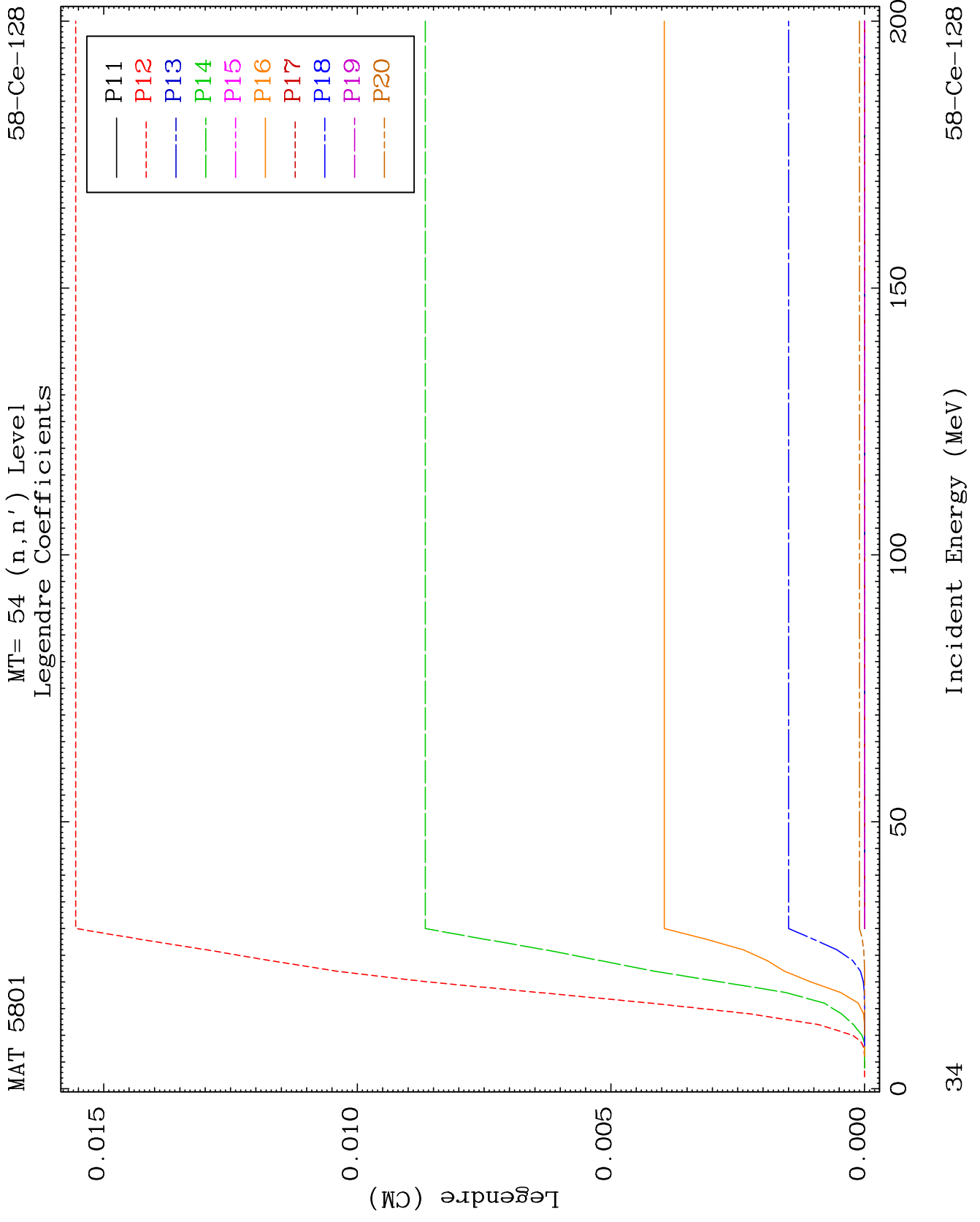
58-Ce-128

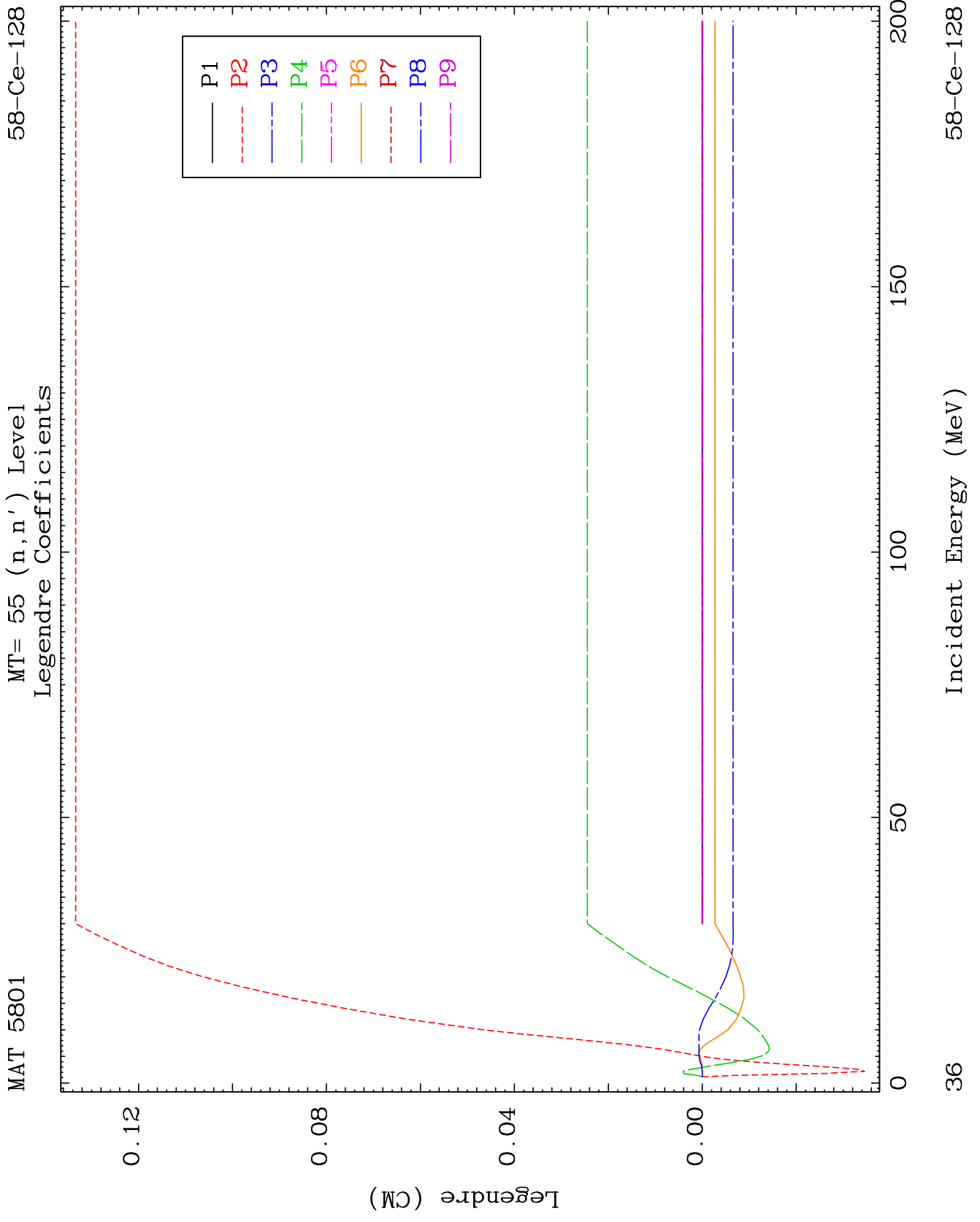


32

58-Ce-128



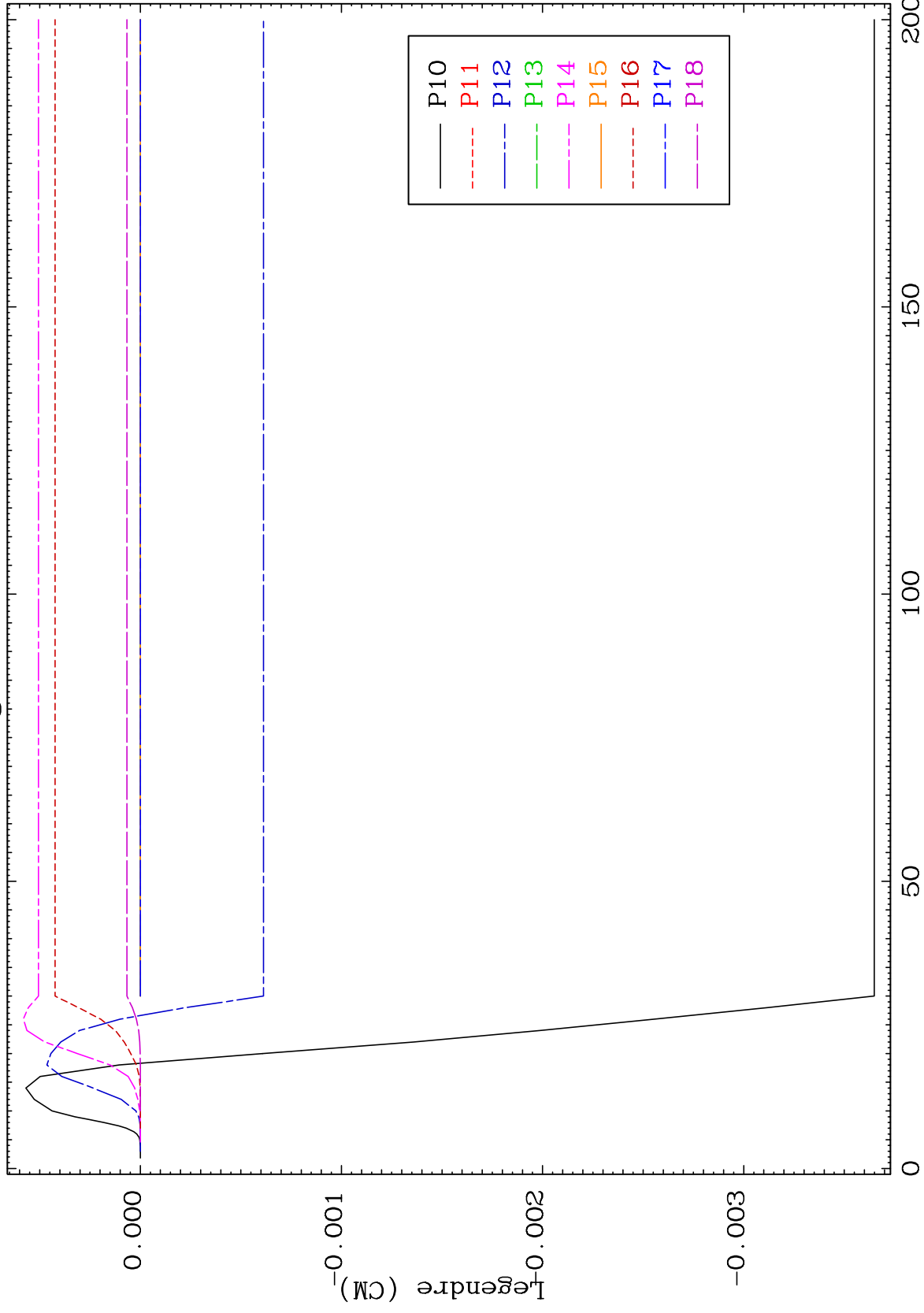




MAT 5801

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

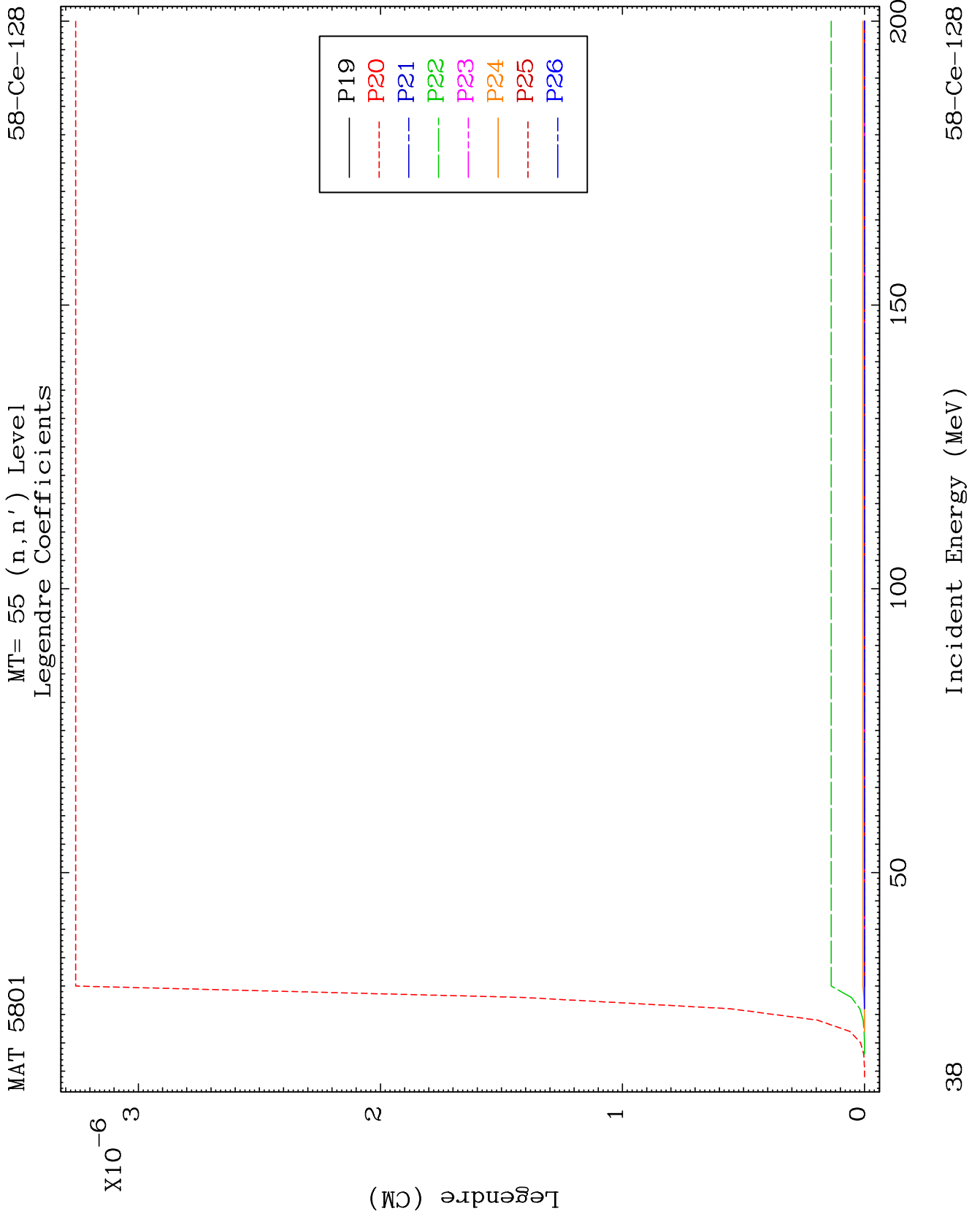
58-Ce-128



37

Incident Energy (MeV)

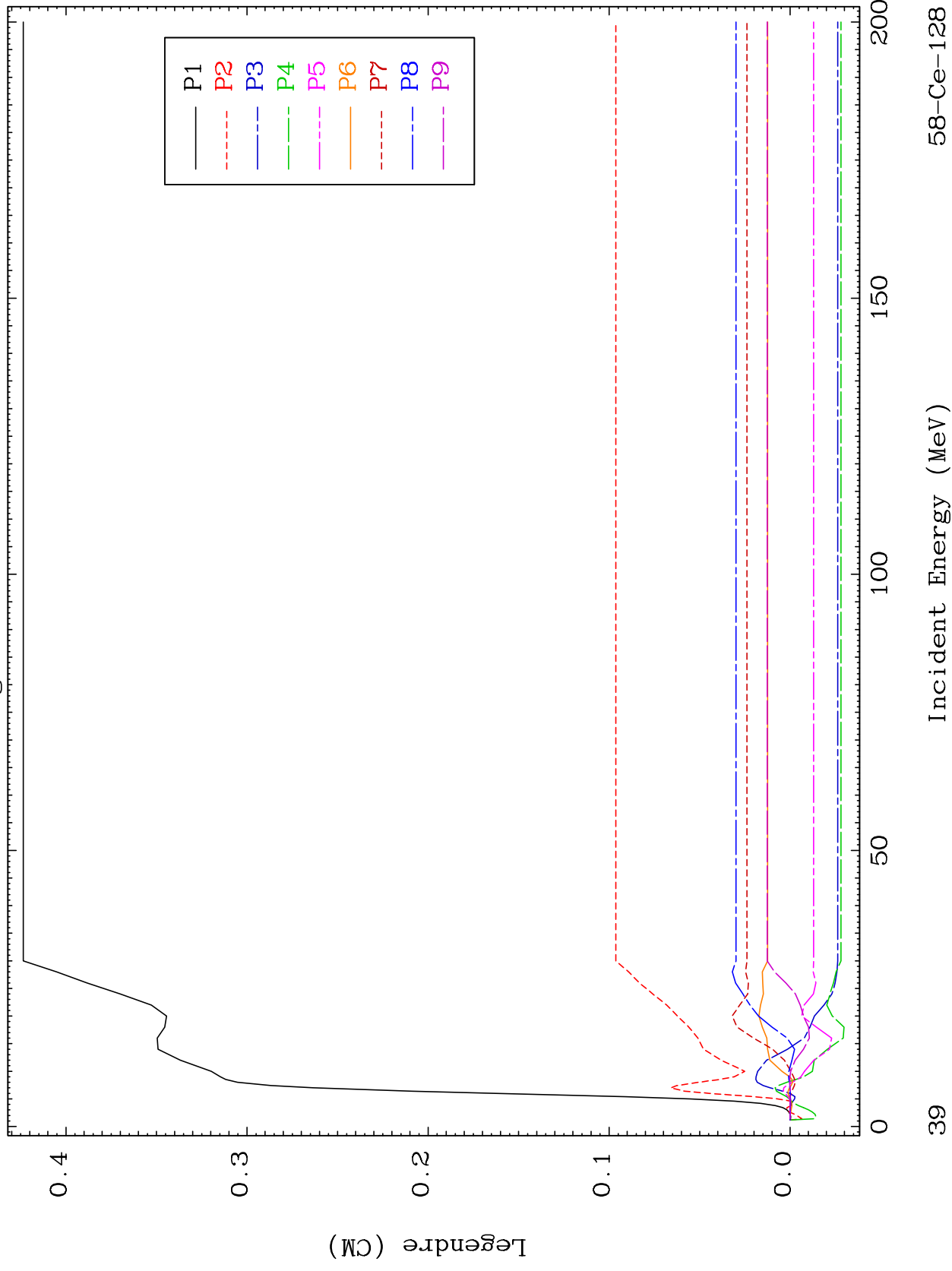
58-Ce-128



MAT 5801

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

58-Ce-128



39

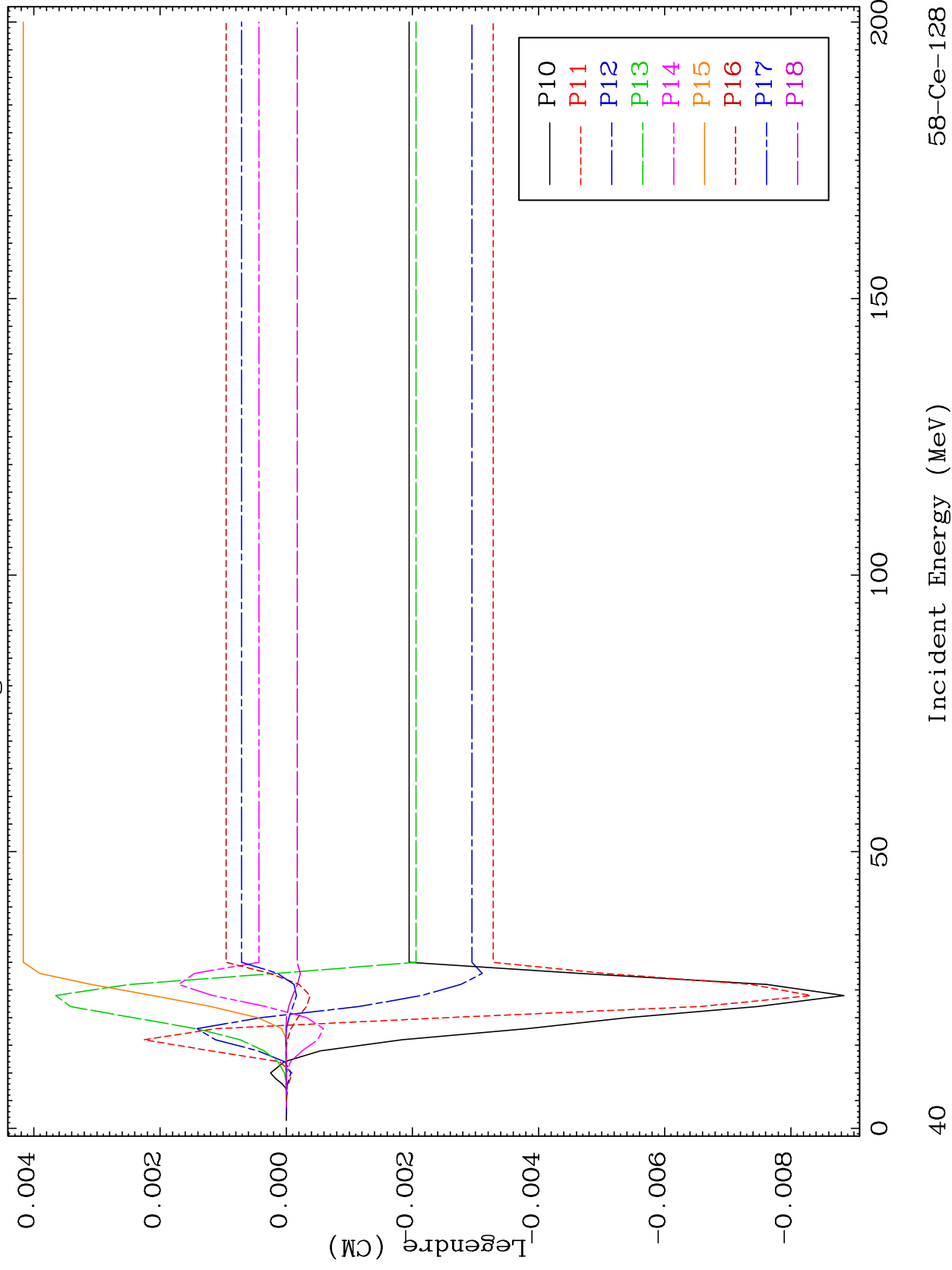
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

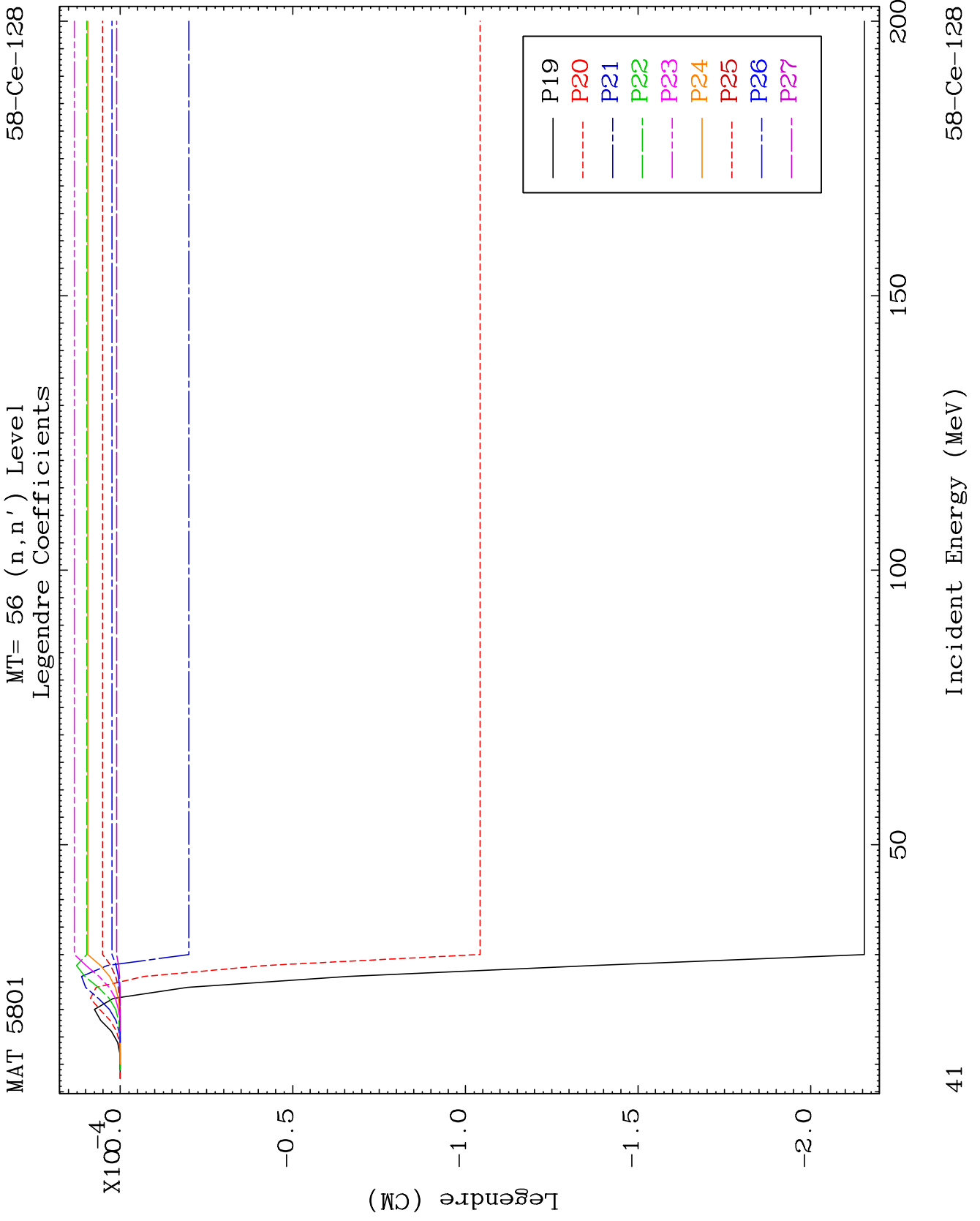
58-Ce-128



58-Ce-128

Incident Energy (MeV)

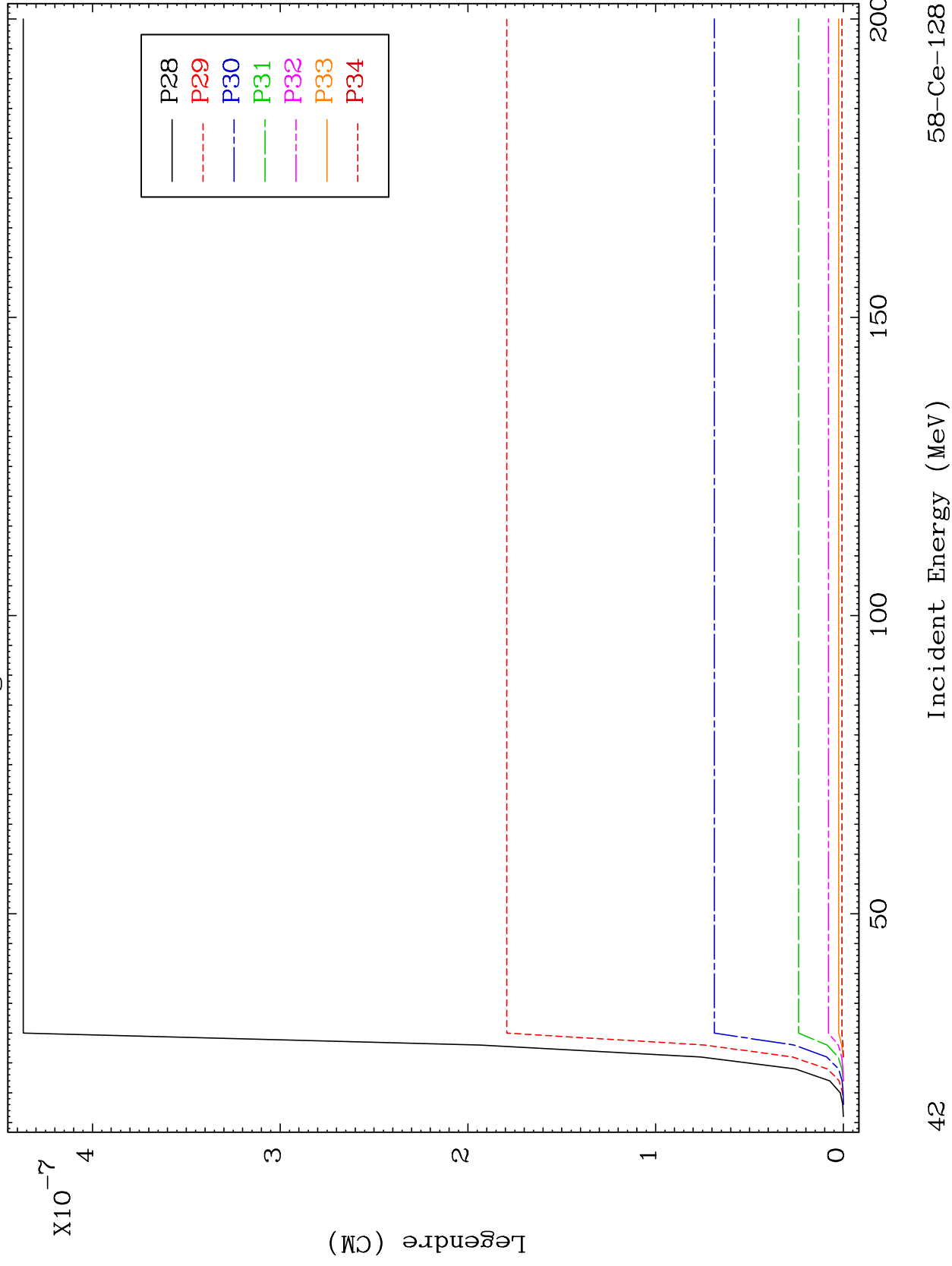
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MAT 5801

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

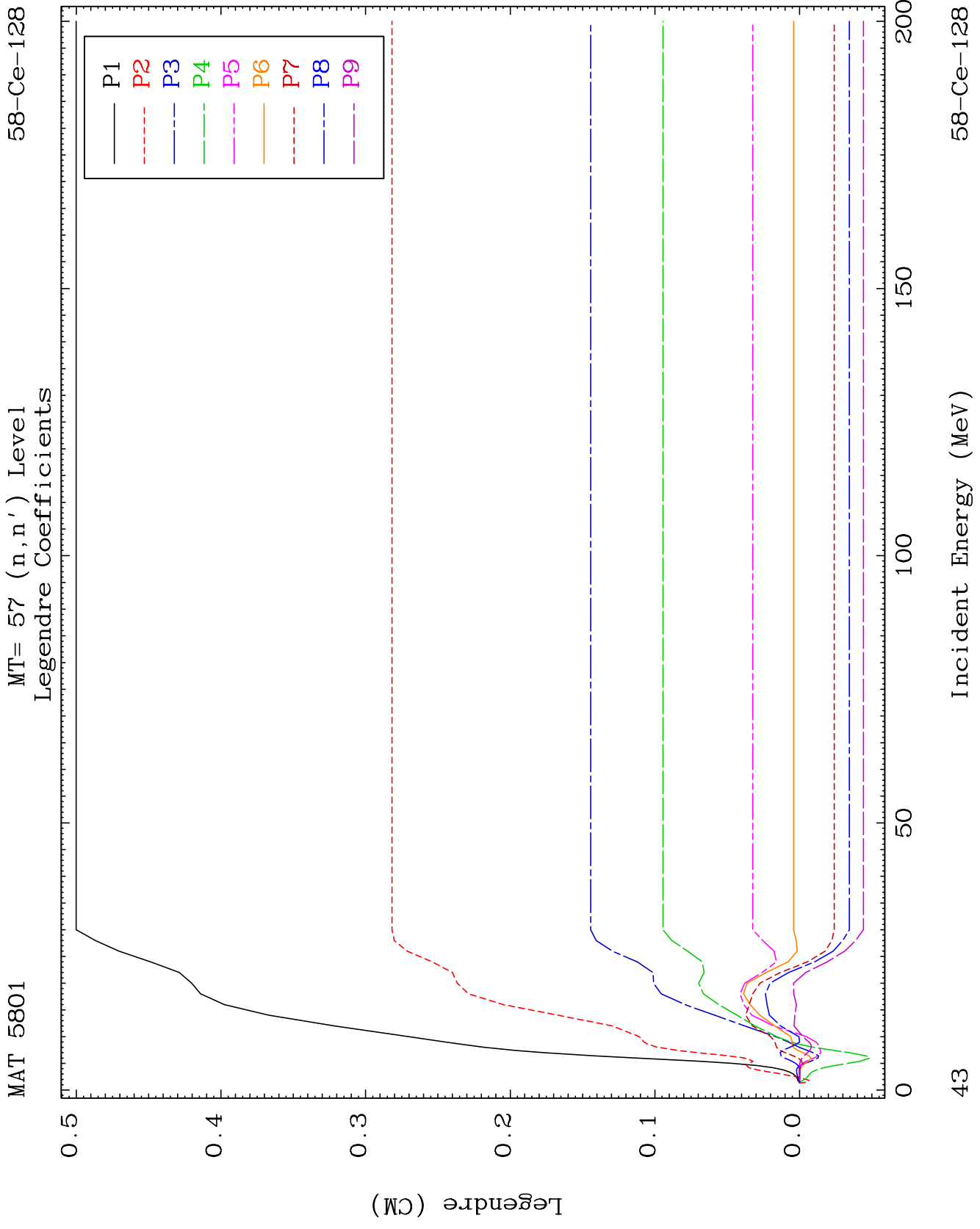
58-Ce-128

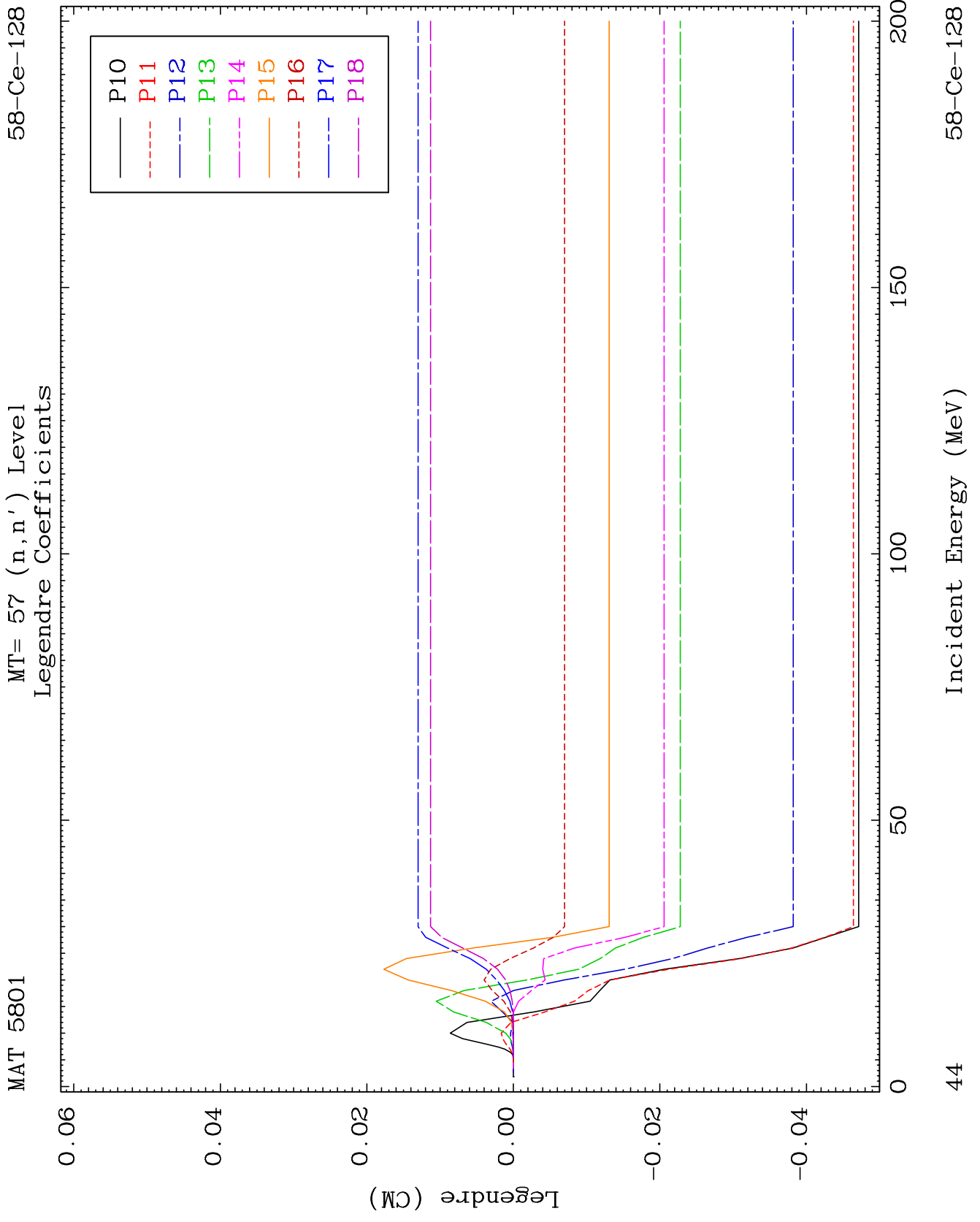


42

Incident Energy (MeV)

58-Ce-128

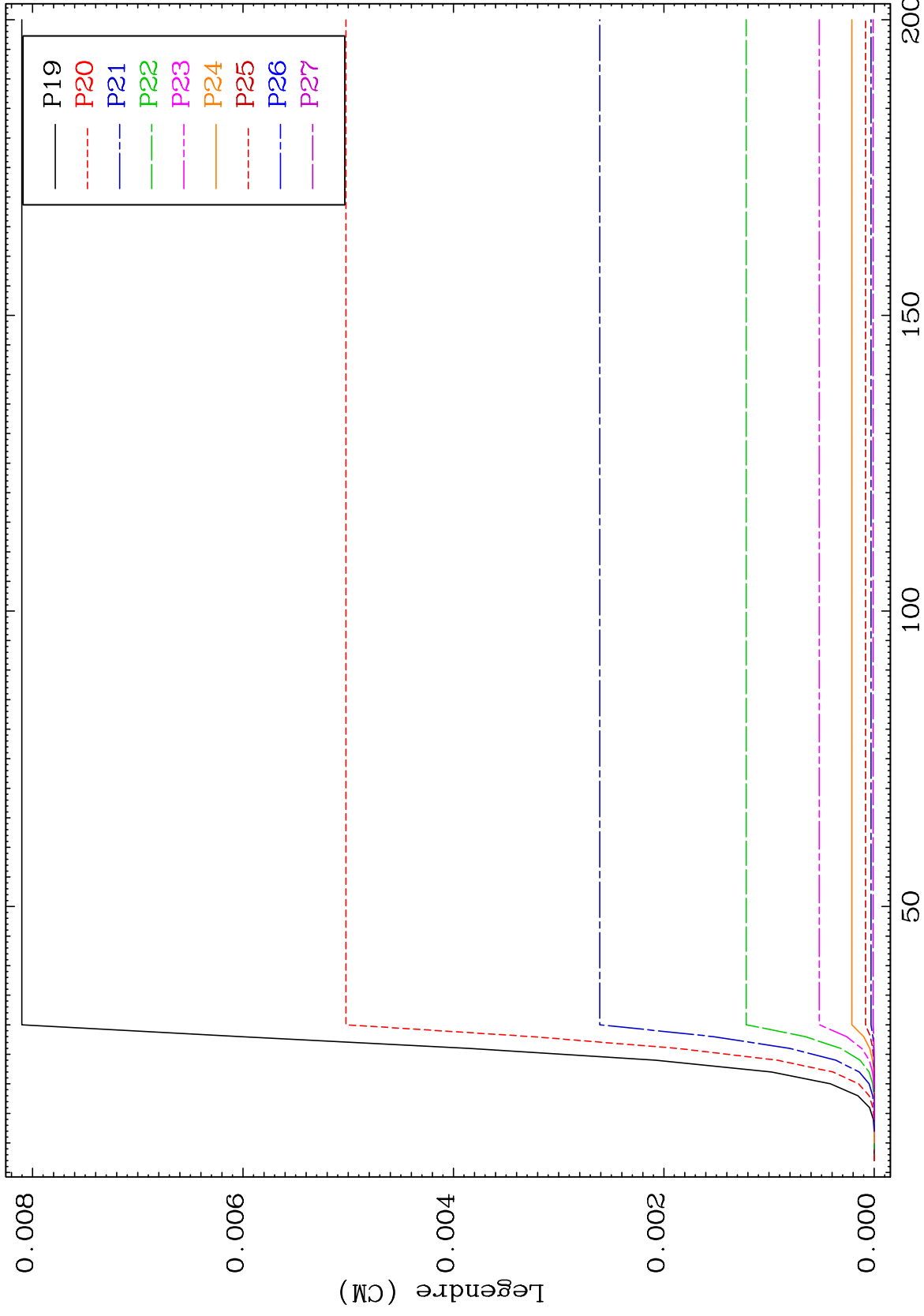




MAT 5801

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

58-Ce-128



45

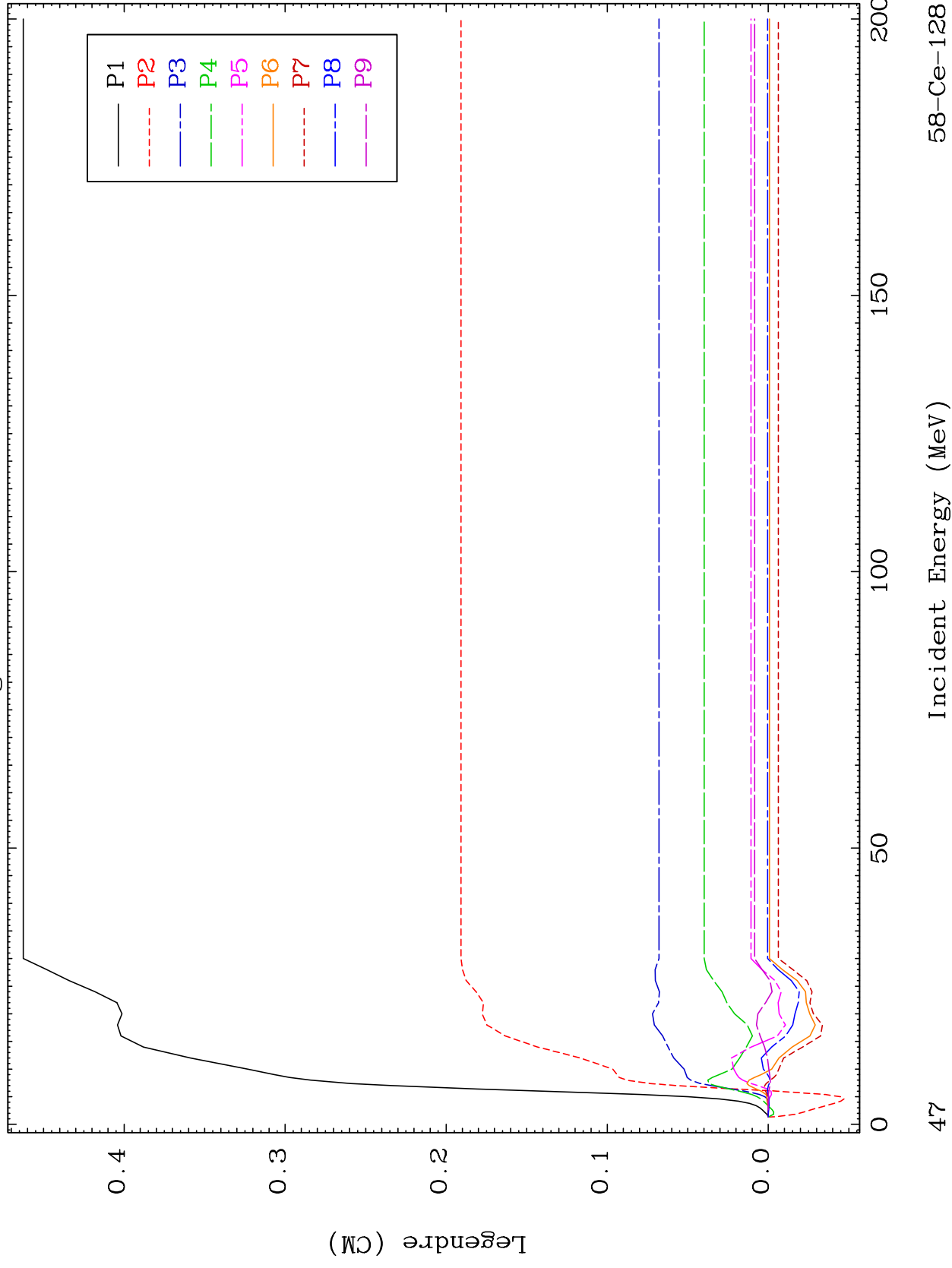
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128



58-Ce-128

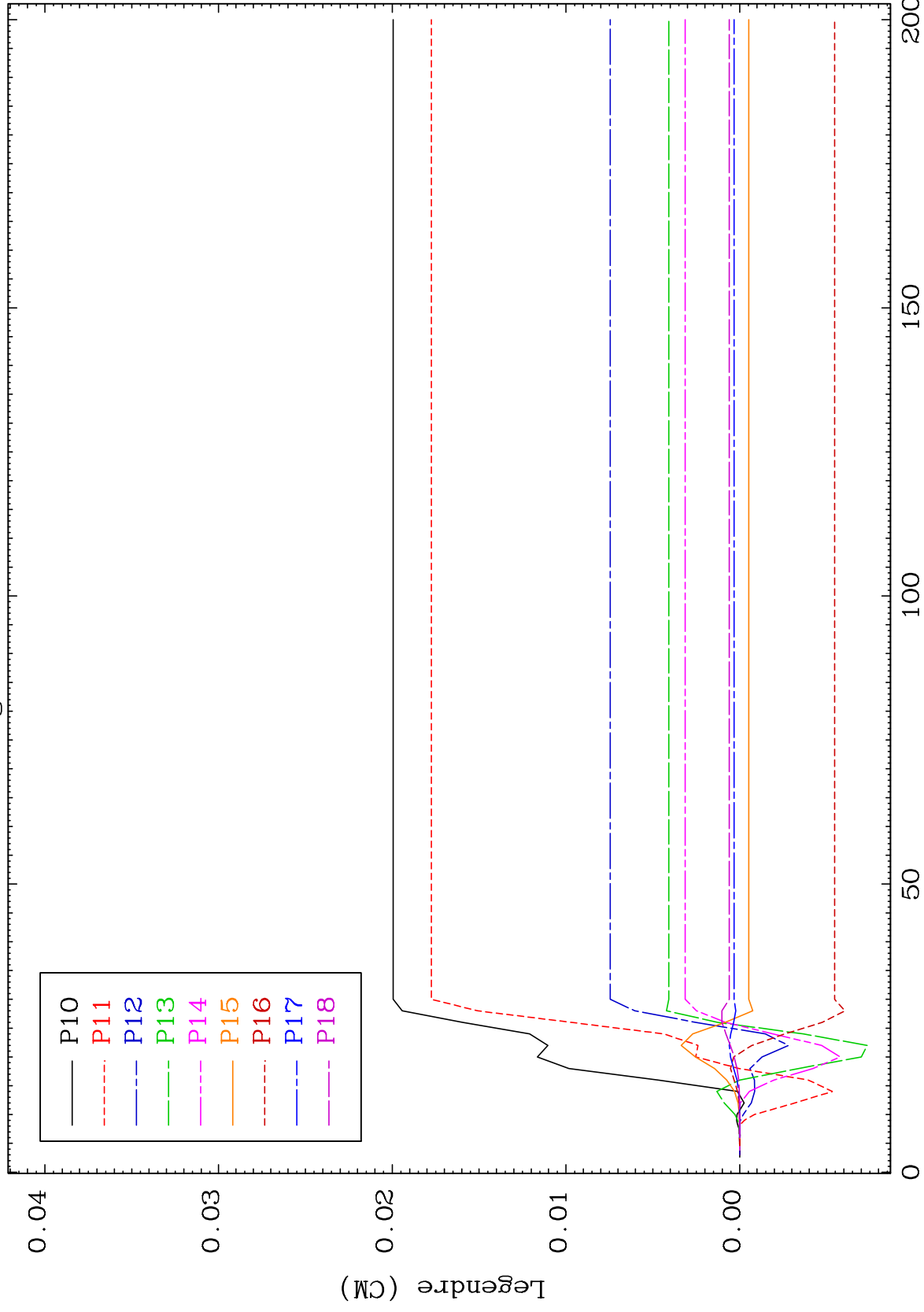
Incident Energy (MeV)

47

MAT 5801

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

58-Ce-128



48

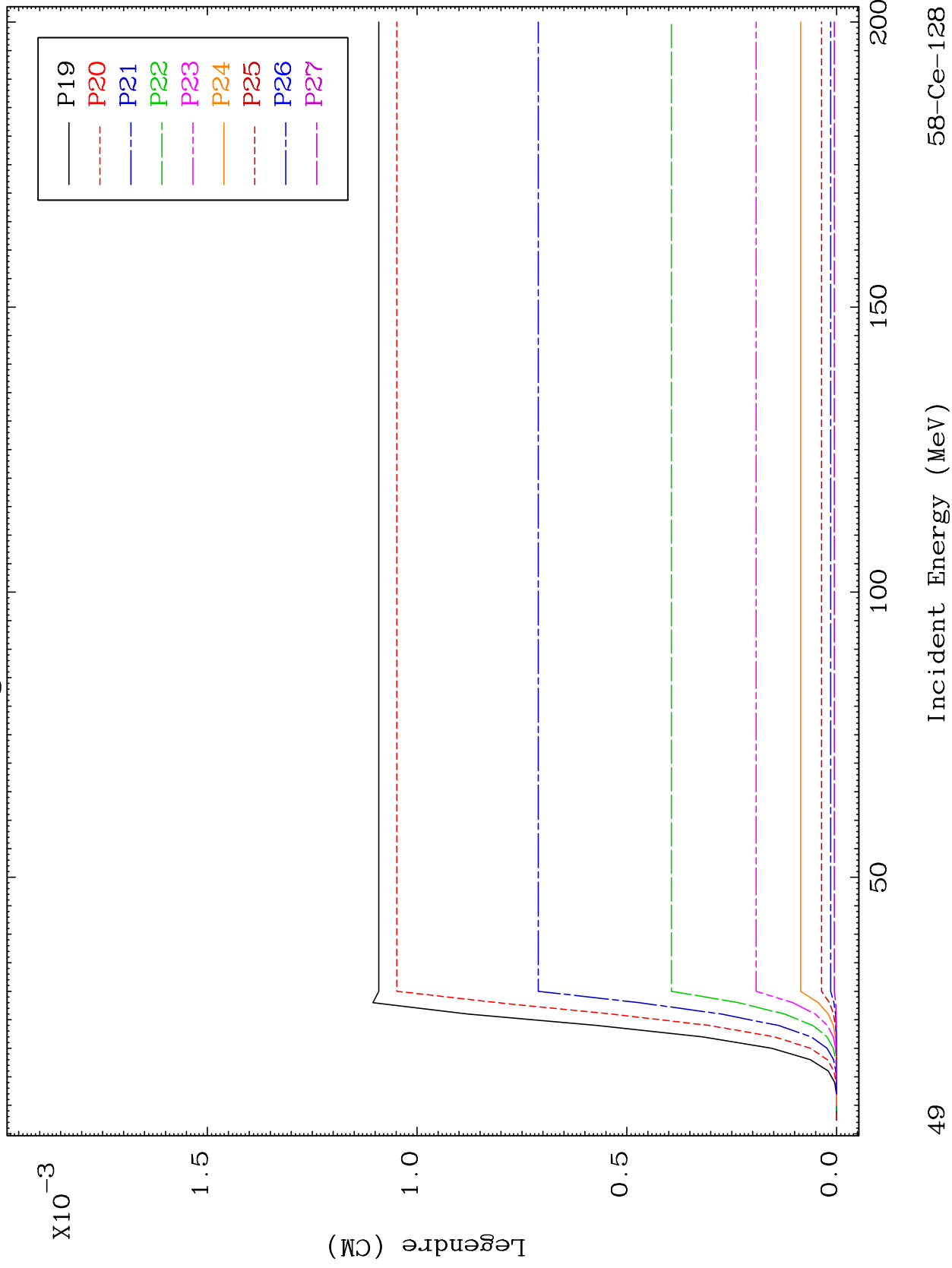
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128



49

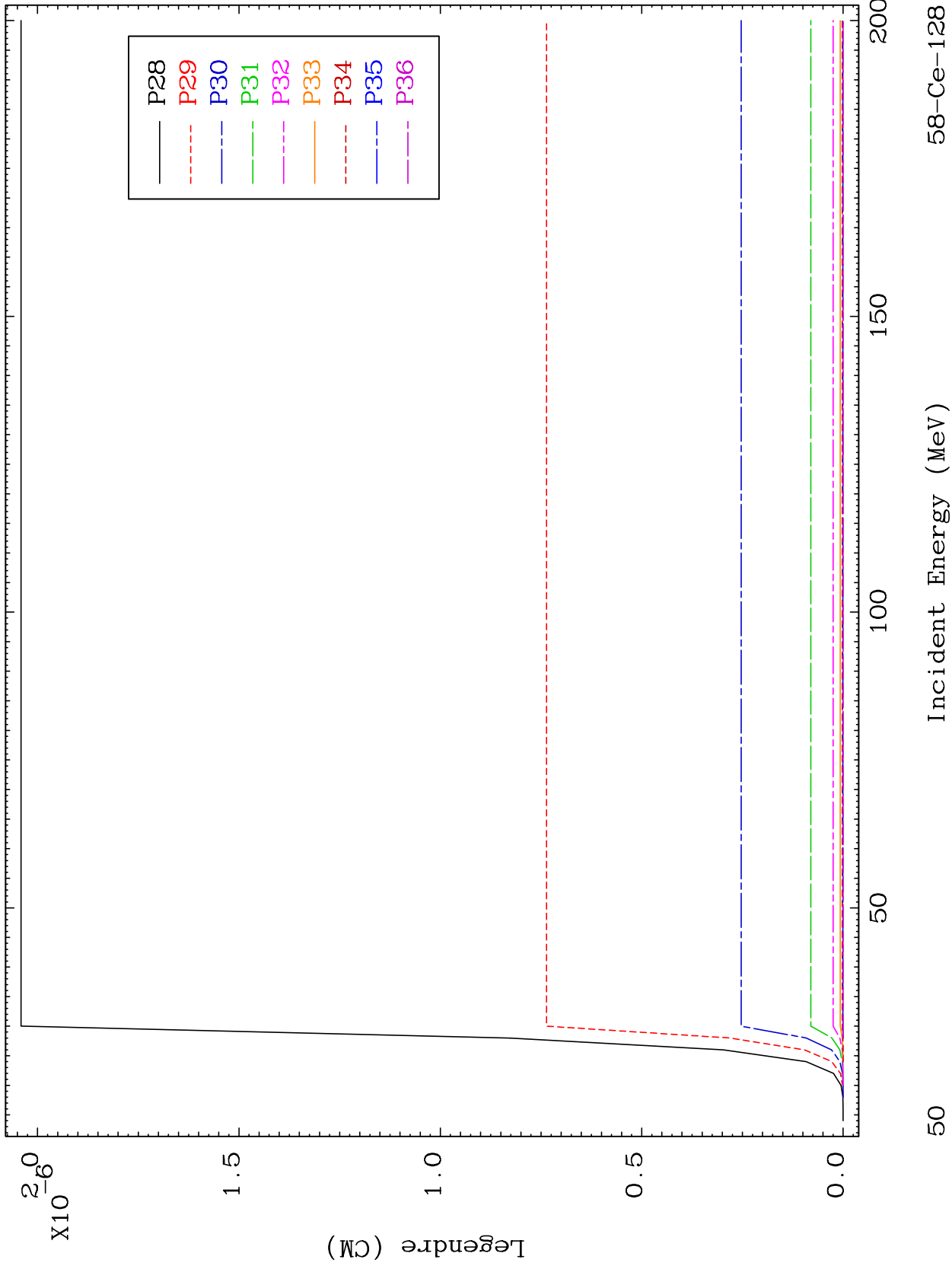
Incident Energy (MeV)

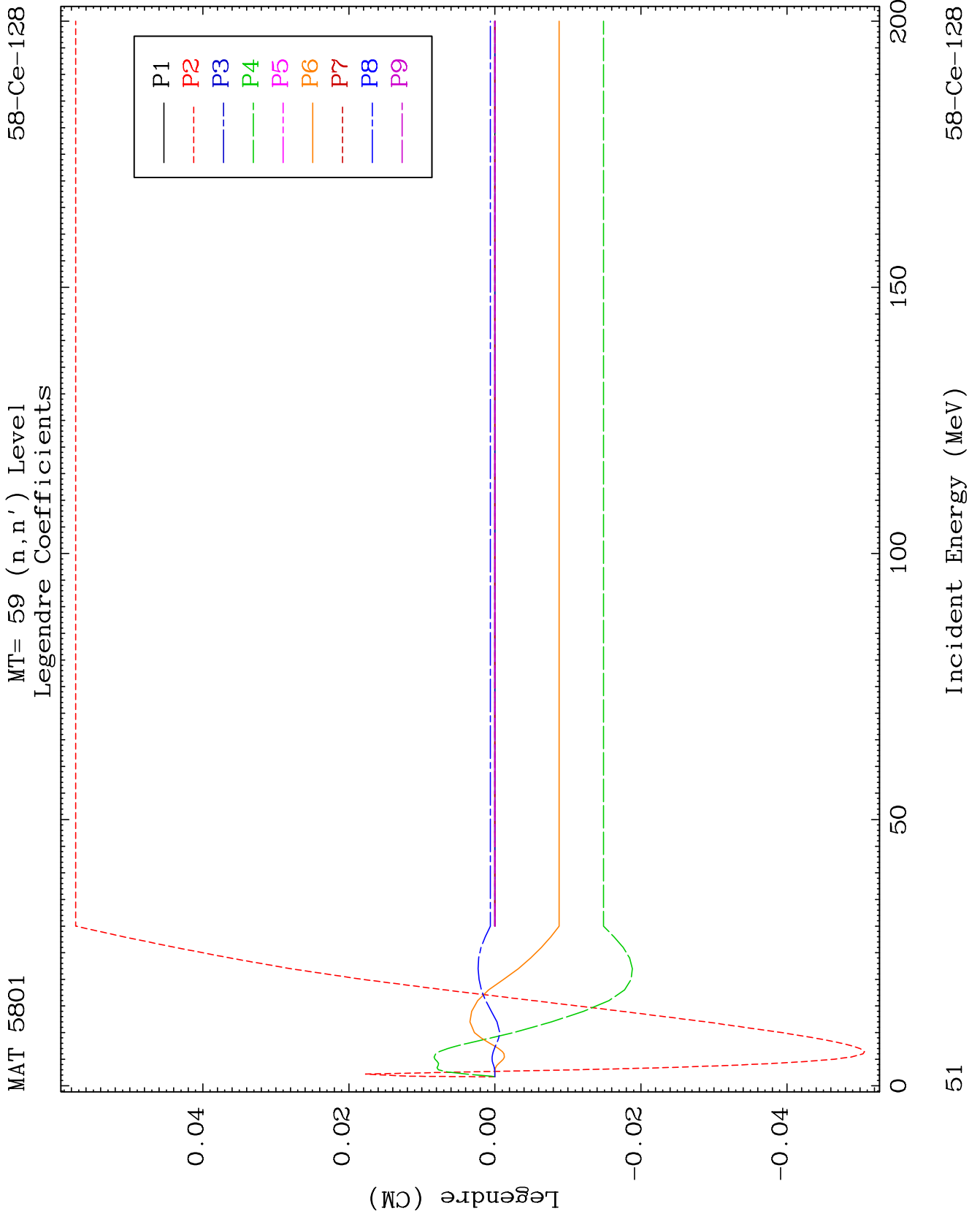
58-Ce-128

MAT 5801

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

58-Ce-128

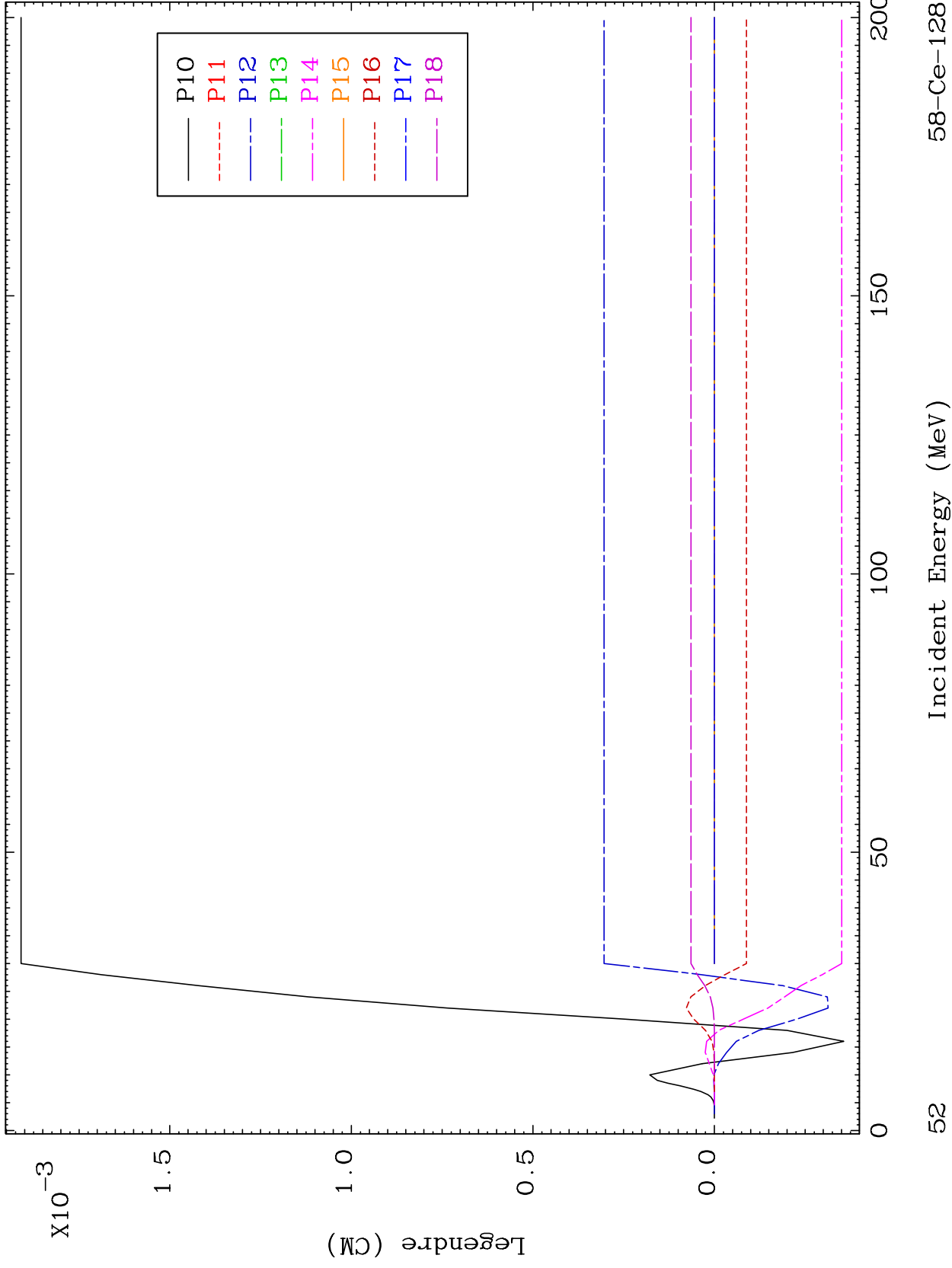




MAT 5801

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

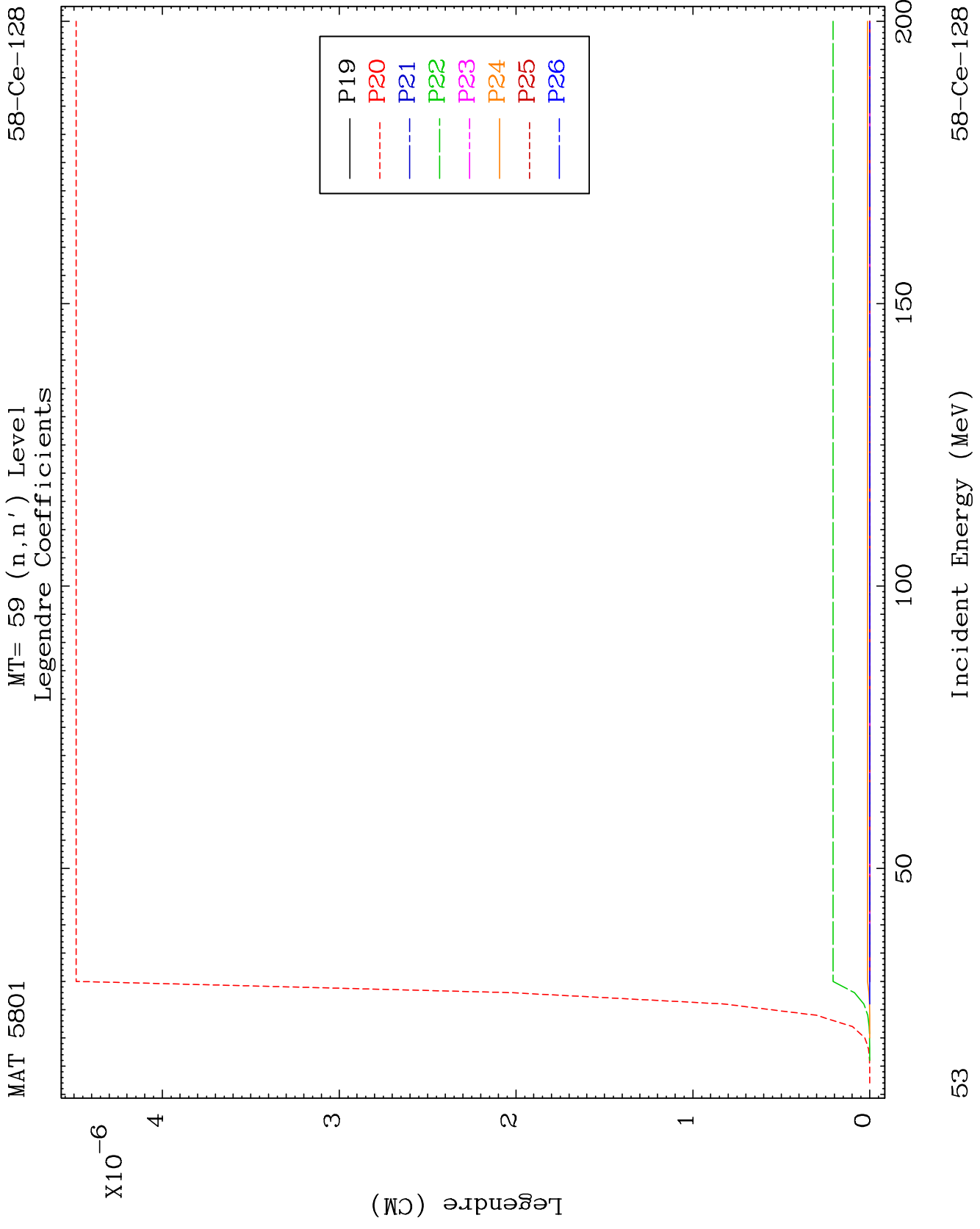
58-Ce-128



52

Incident Energy (MeV)

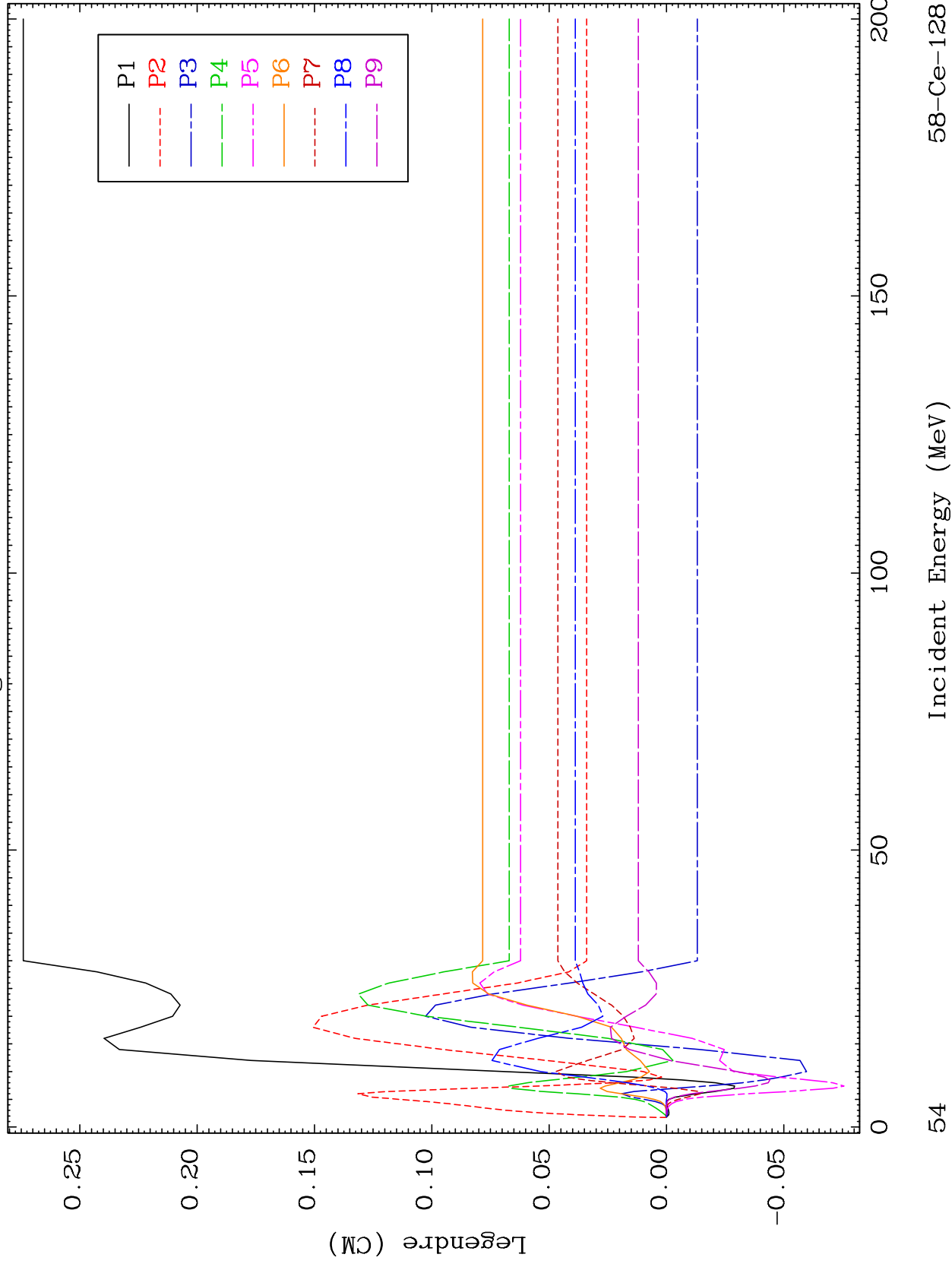
58-Ce-128



MAT 5801

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

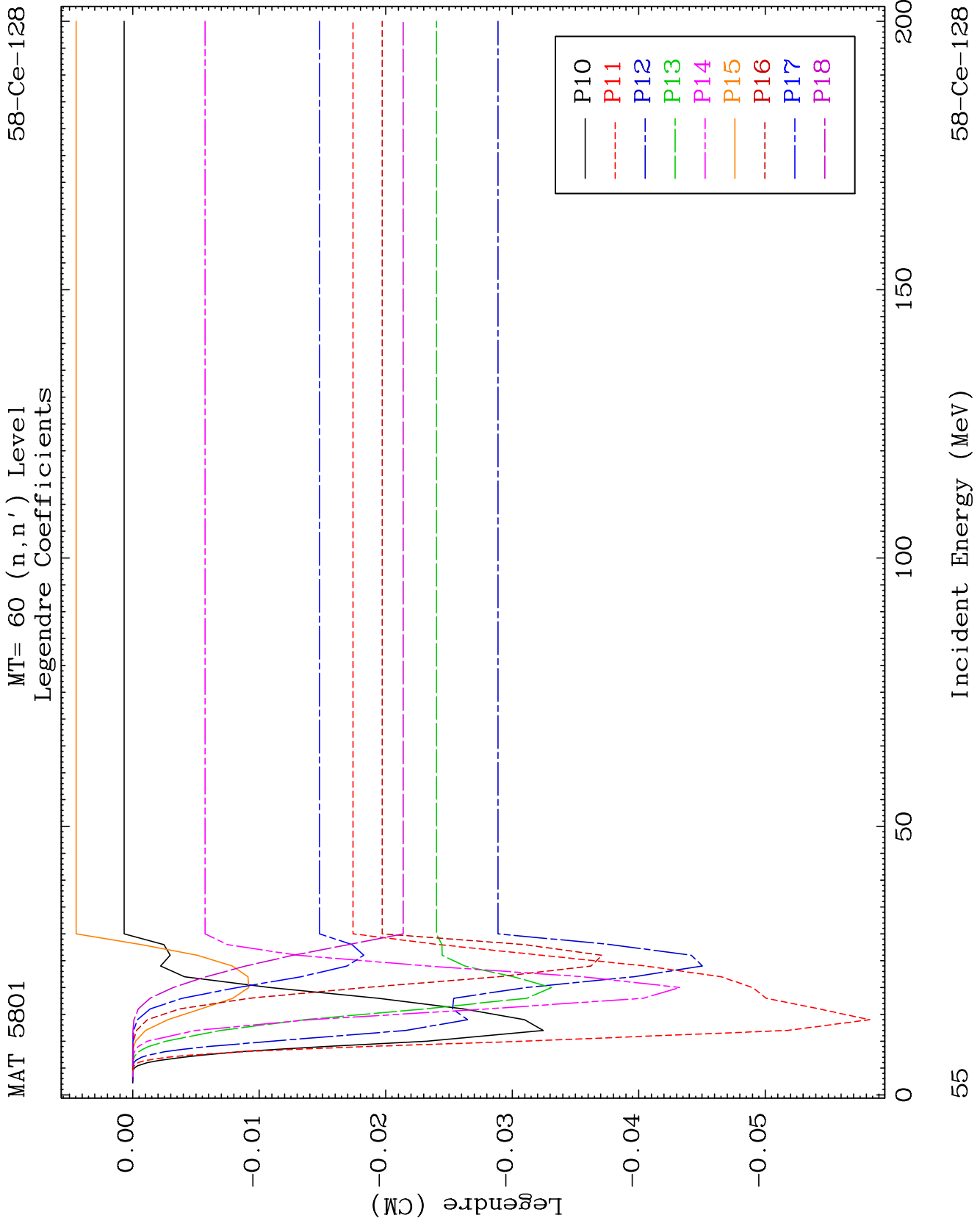
58-Ce-128

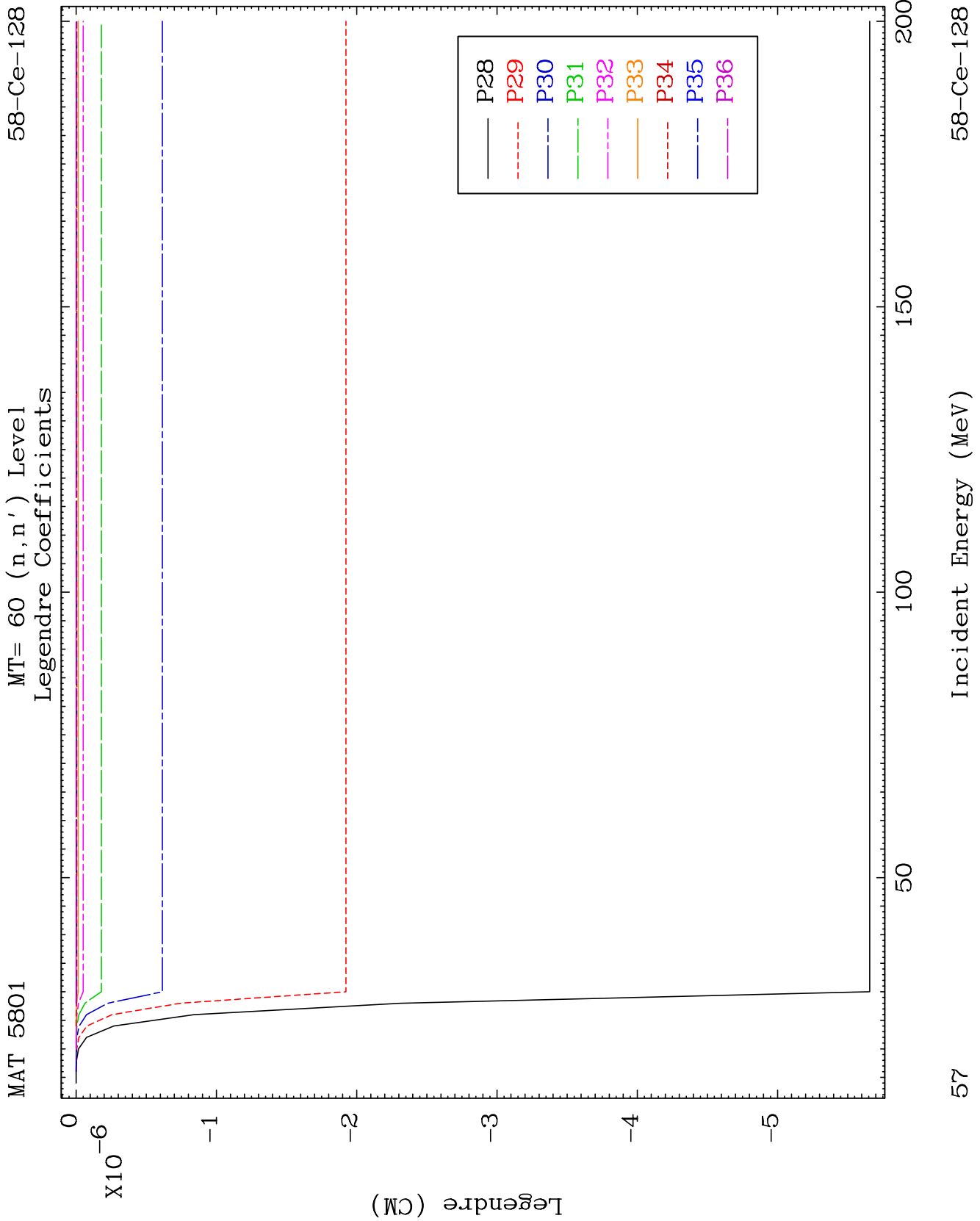


58-Ce-128

Incident Energy (MeV)

54

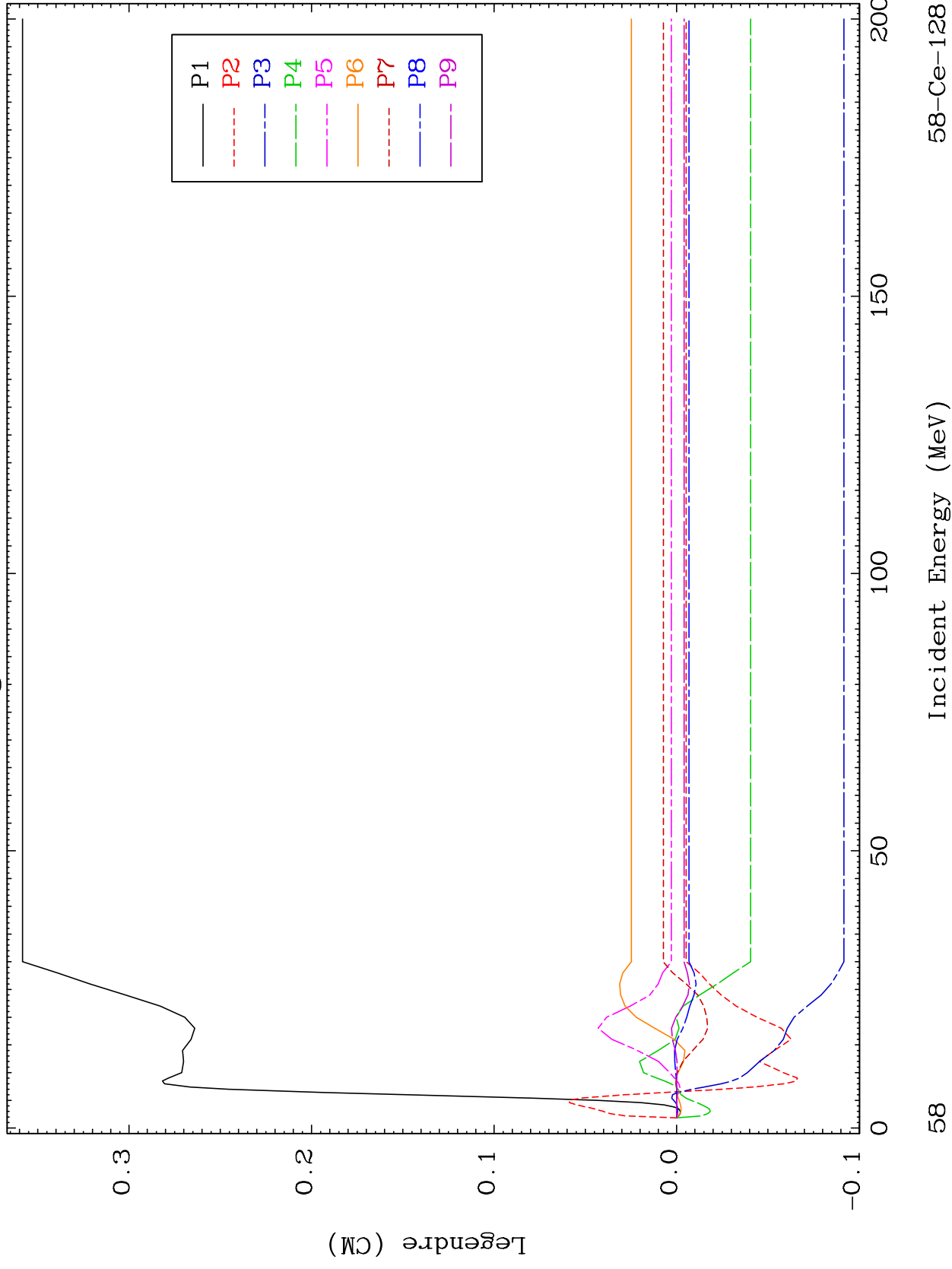




MAT 5801

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

58-Ce-128



58-Ce-128

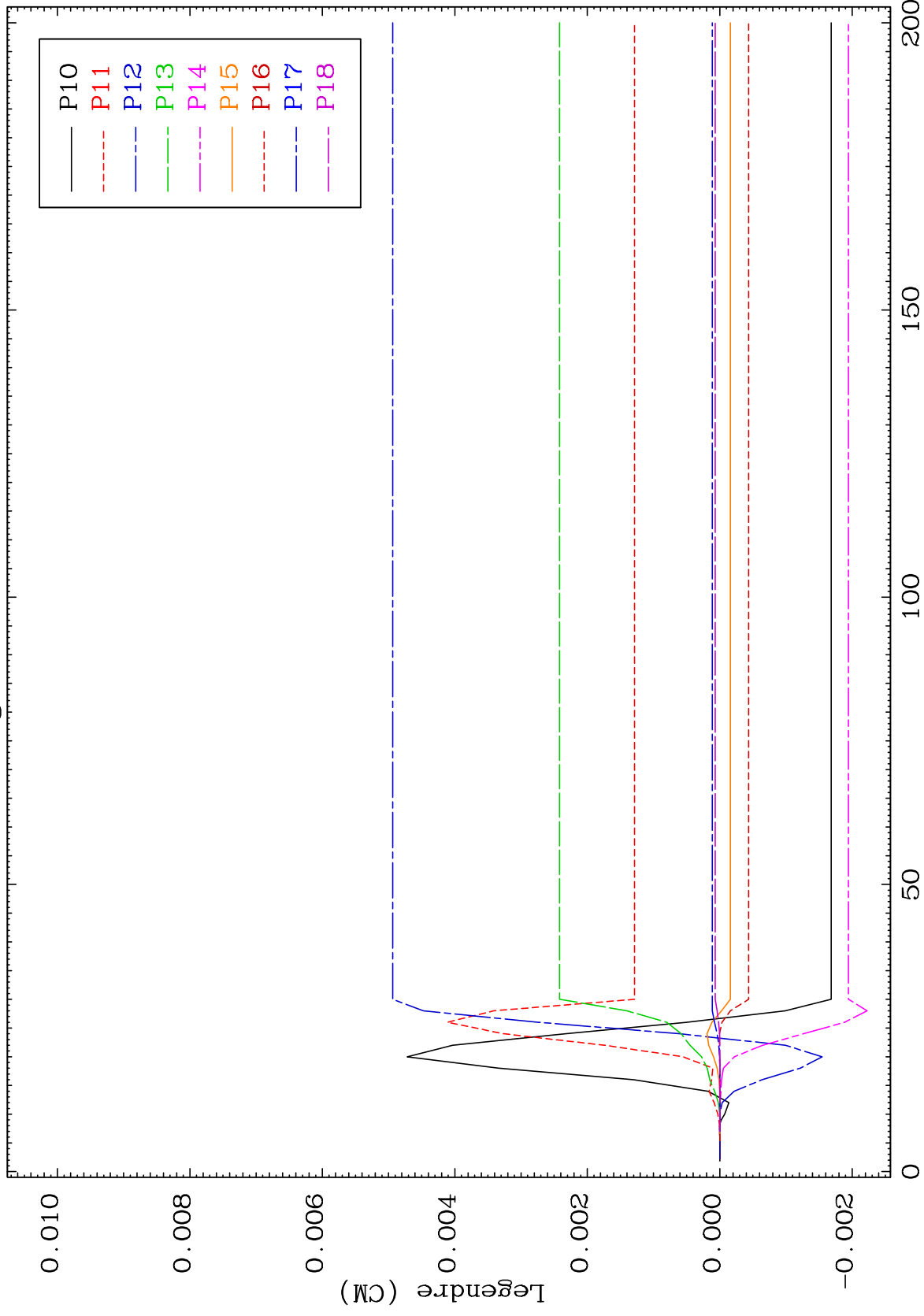
Incident Energy (MeV)

58

MAT 5801

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

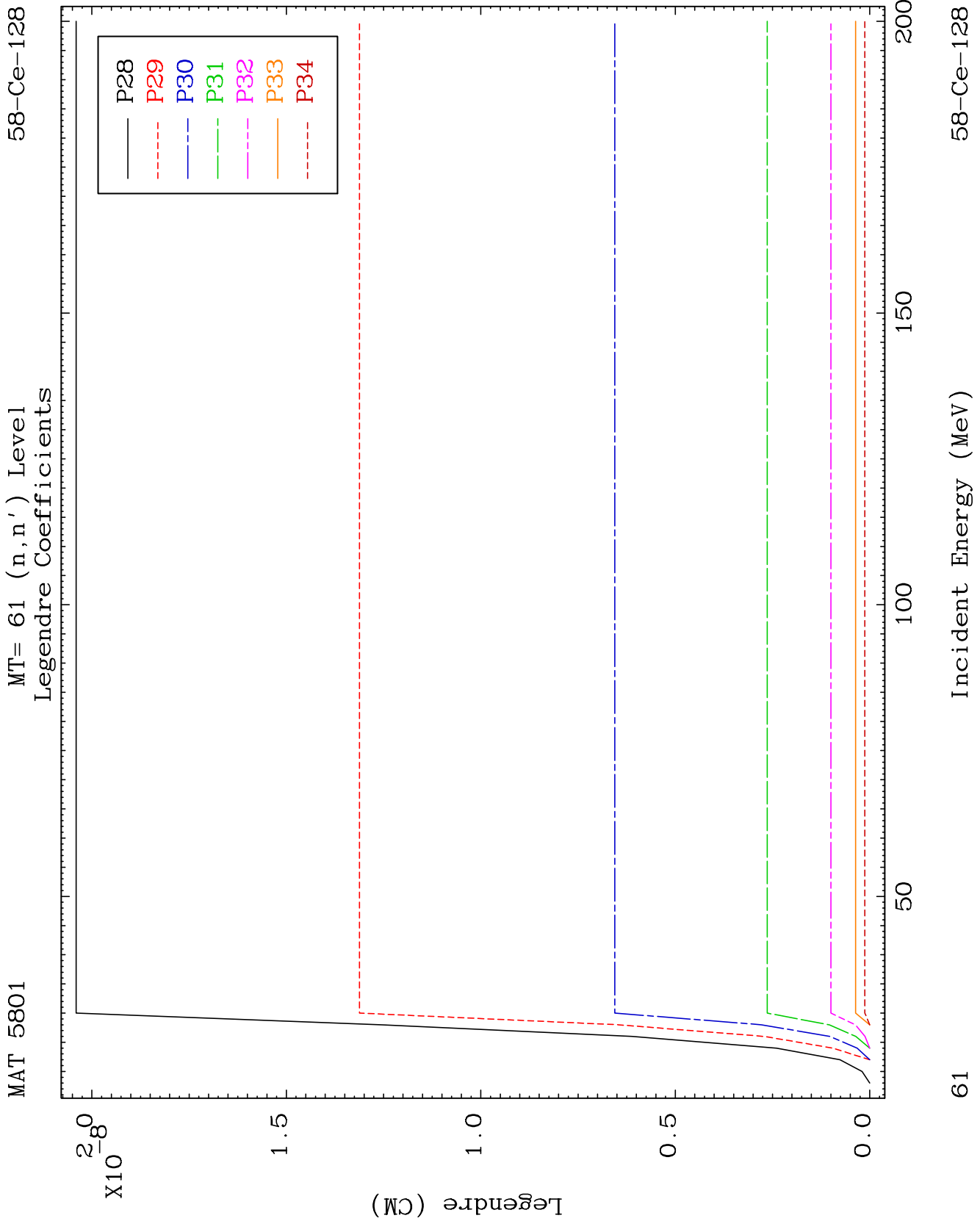
58-Ce-128



59

Incident Energy (MeV)

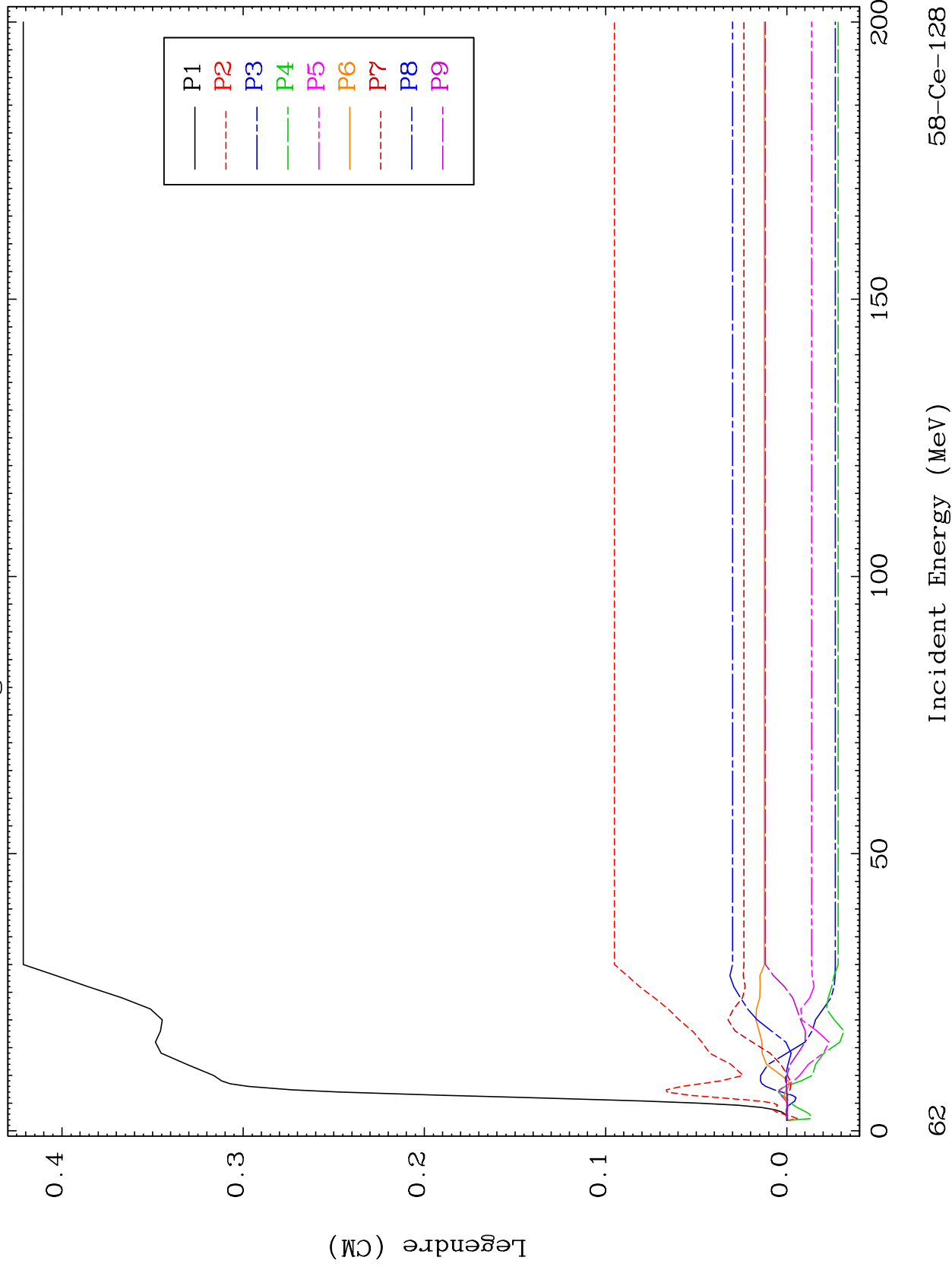
58-Ce-128



MAT 5801

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

58-Ce-128



58-Ce-128

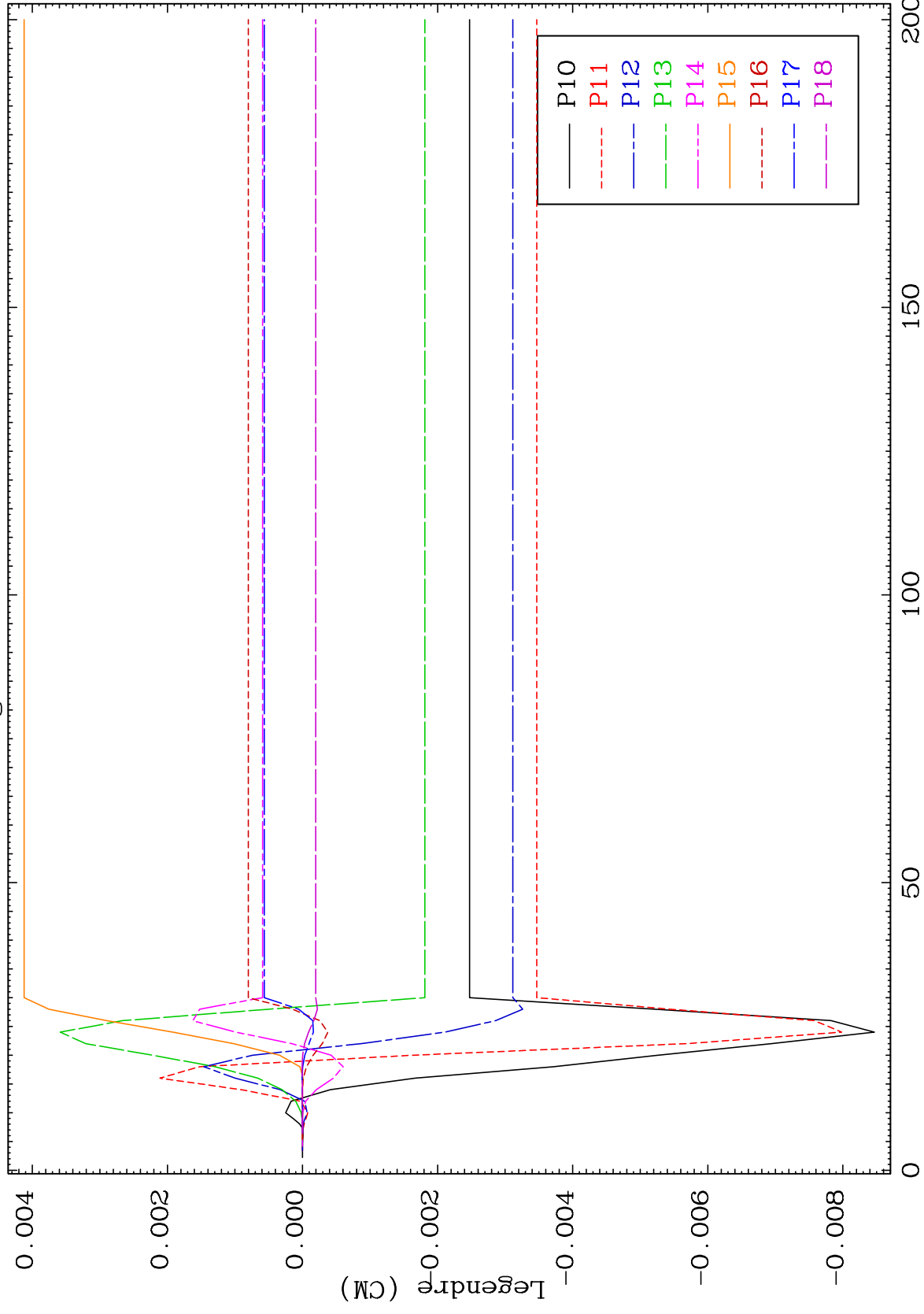
Incident Energy (MeV)

62

MAT 5801

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

58-Ce-128



63

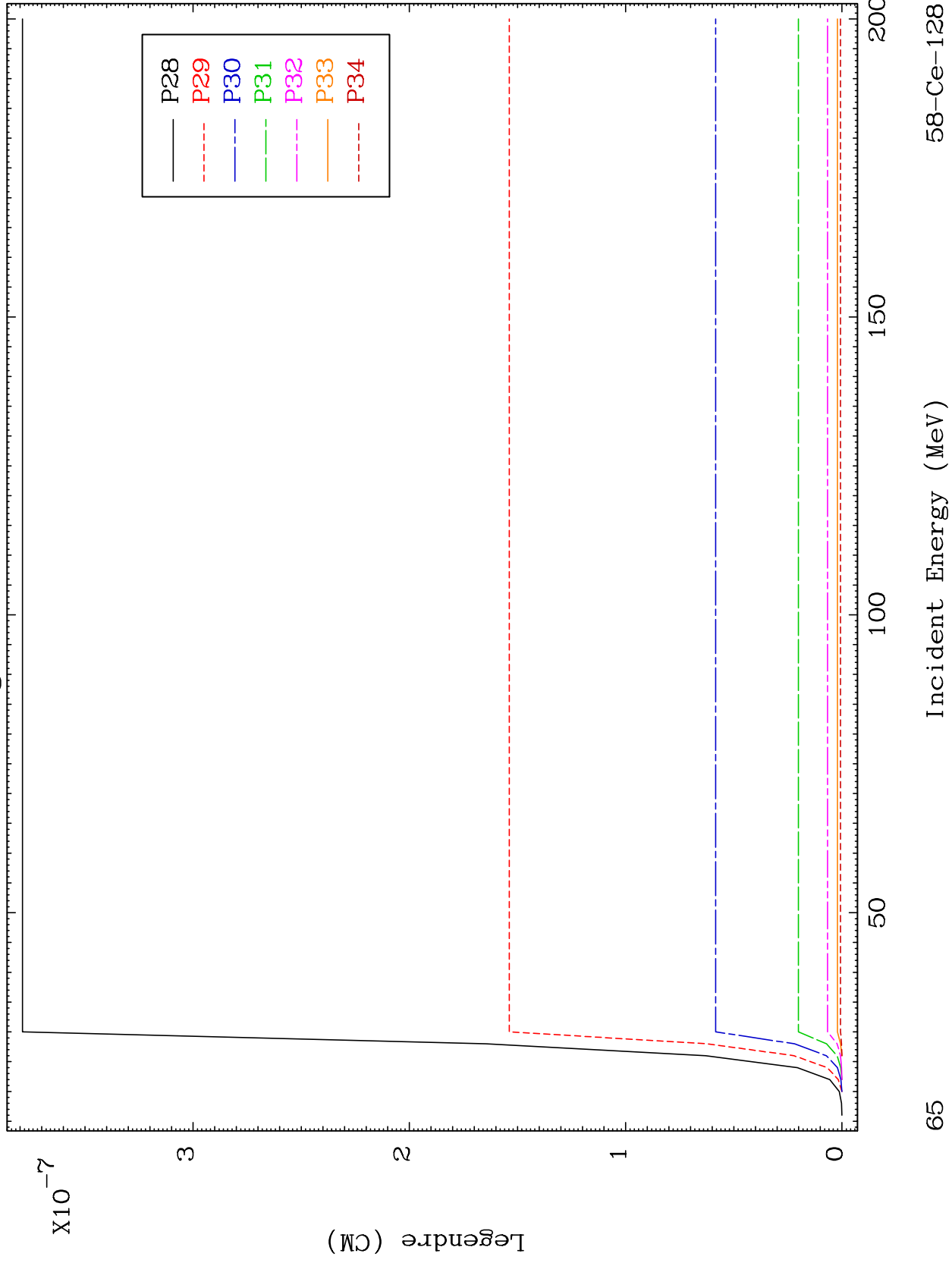
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

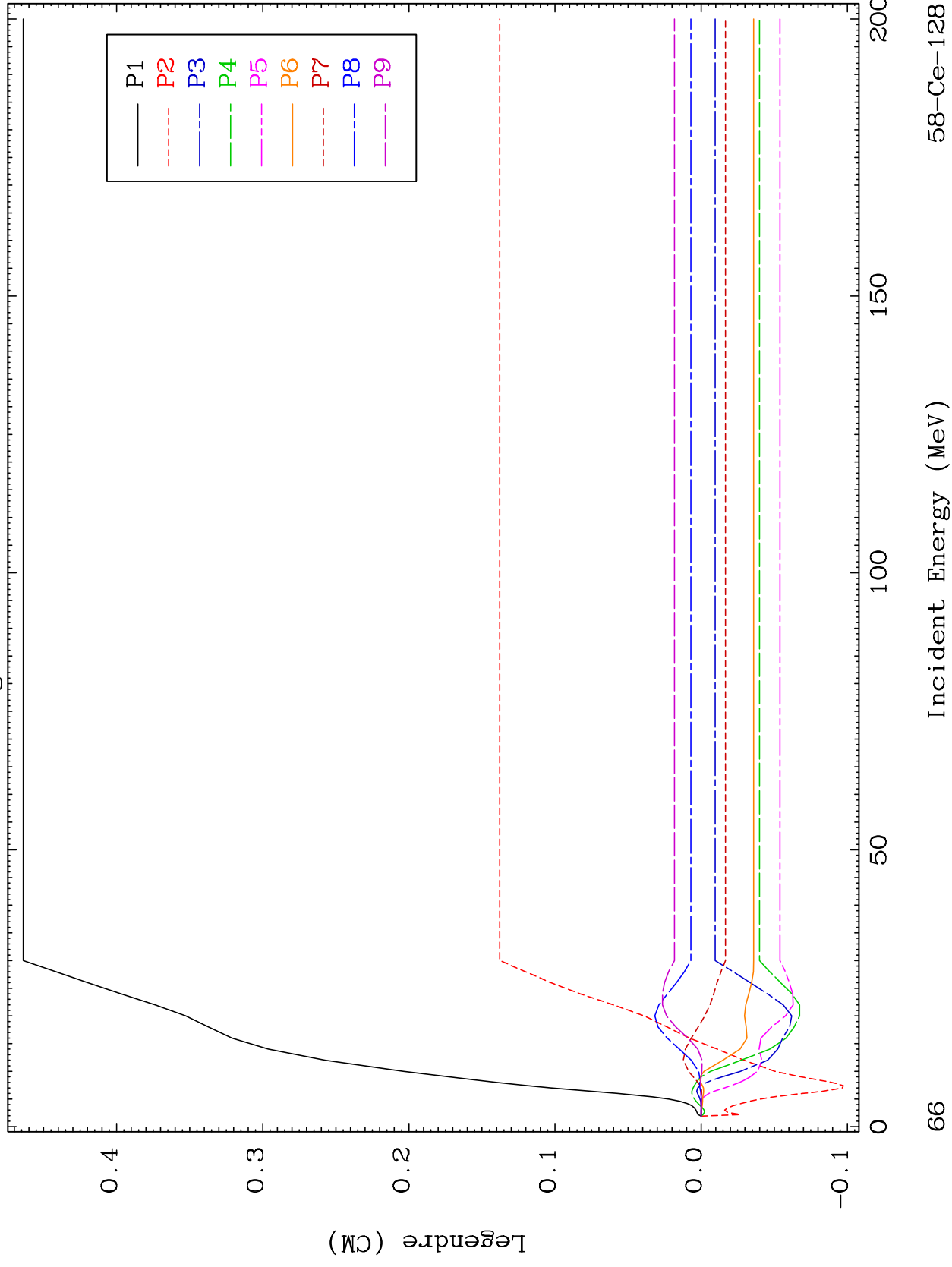
58-Ce-128



MAT 5801

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

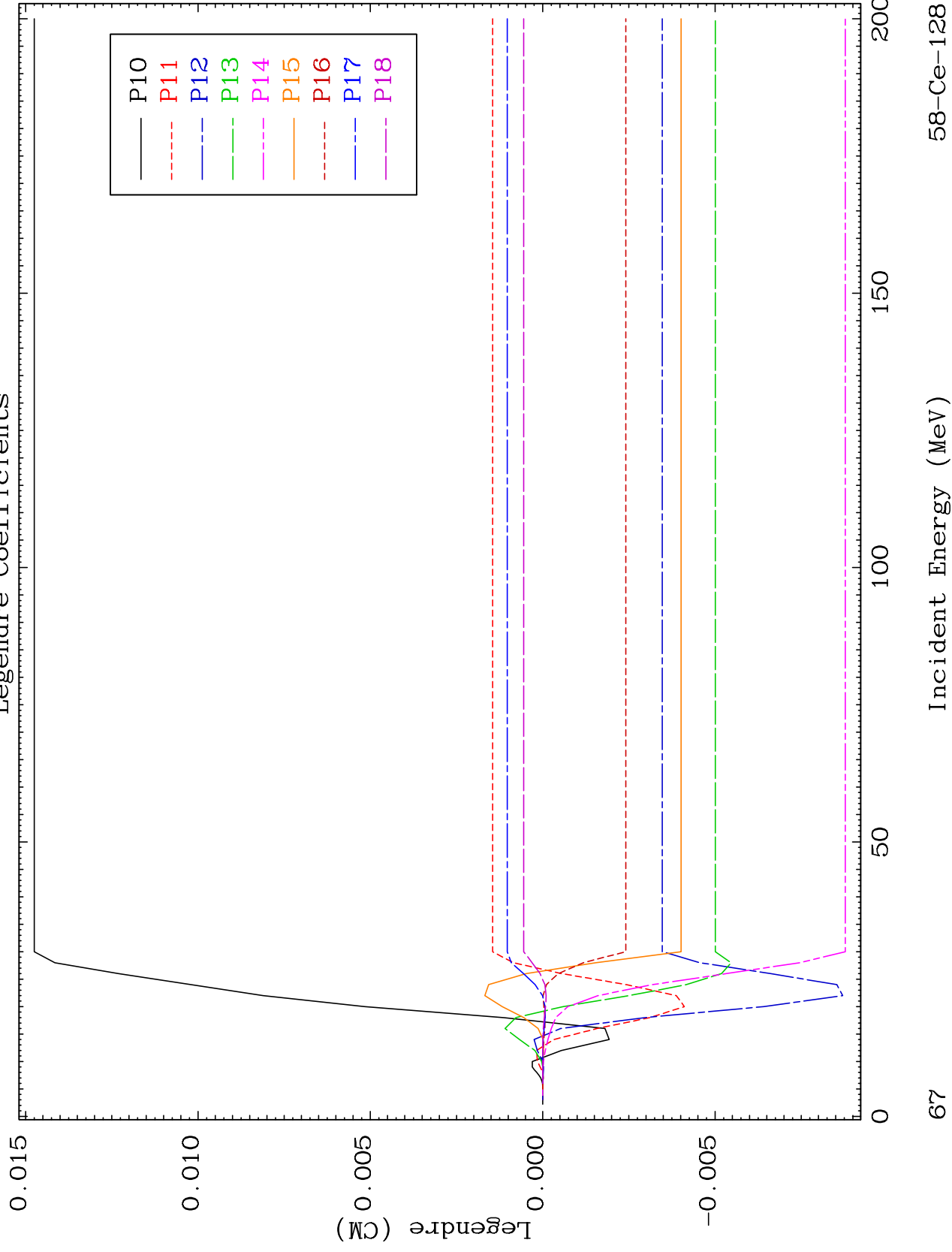
58-Ce-128



MAT 5801

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

58-Ce-128



58-Ce-128

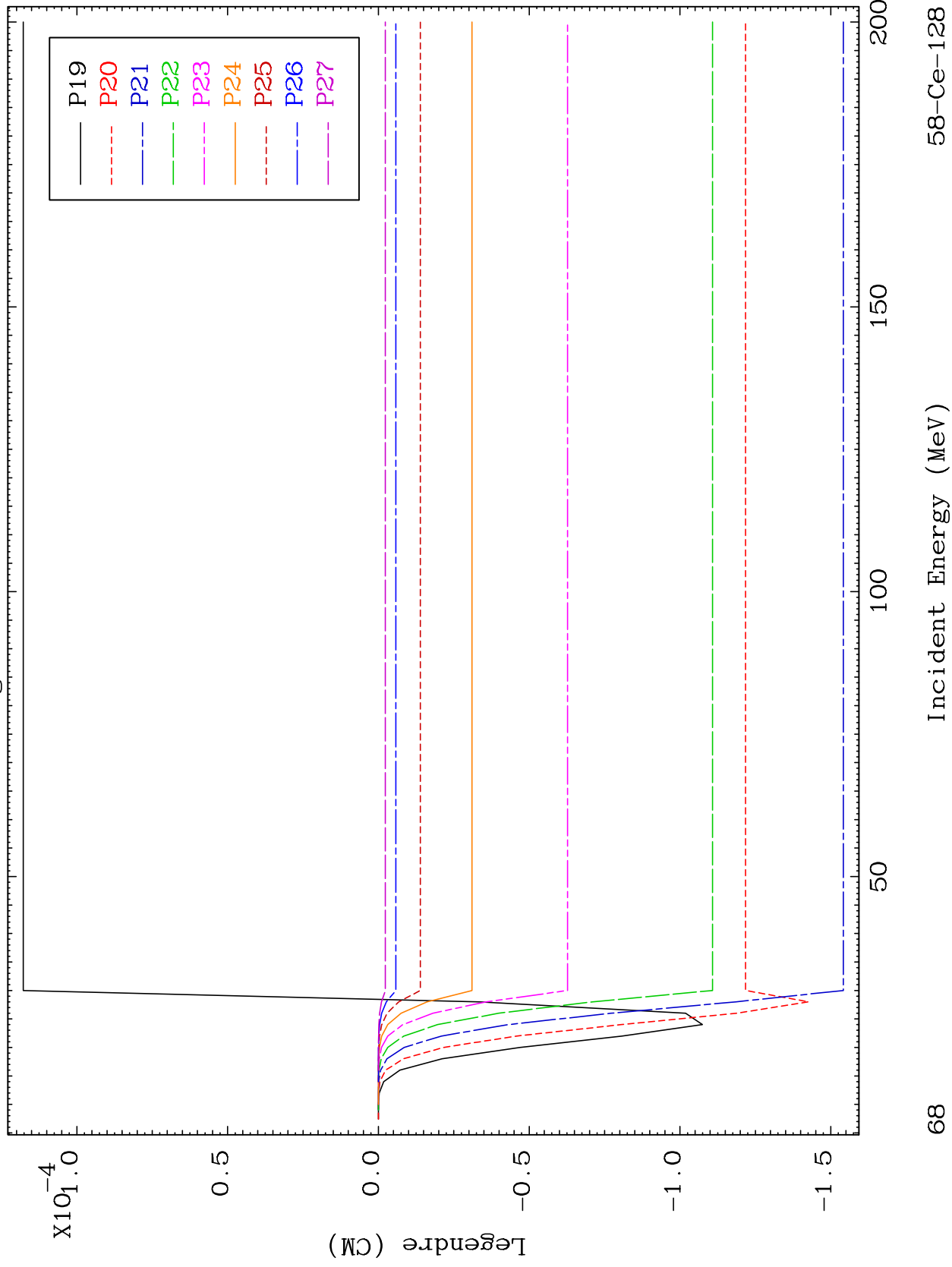
Incident Energy (MeV)

67

MAT 5801

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

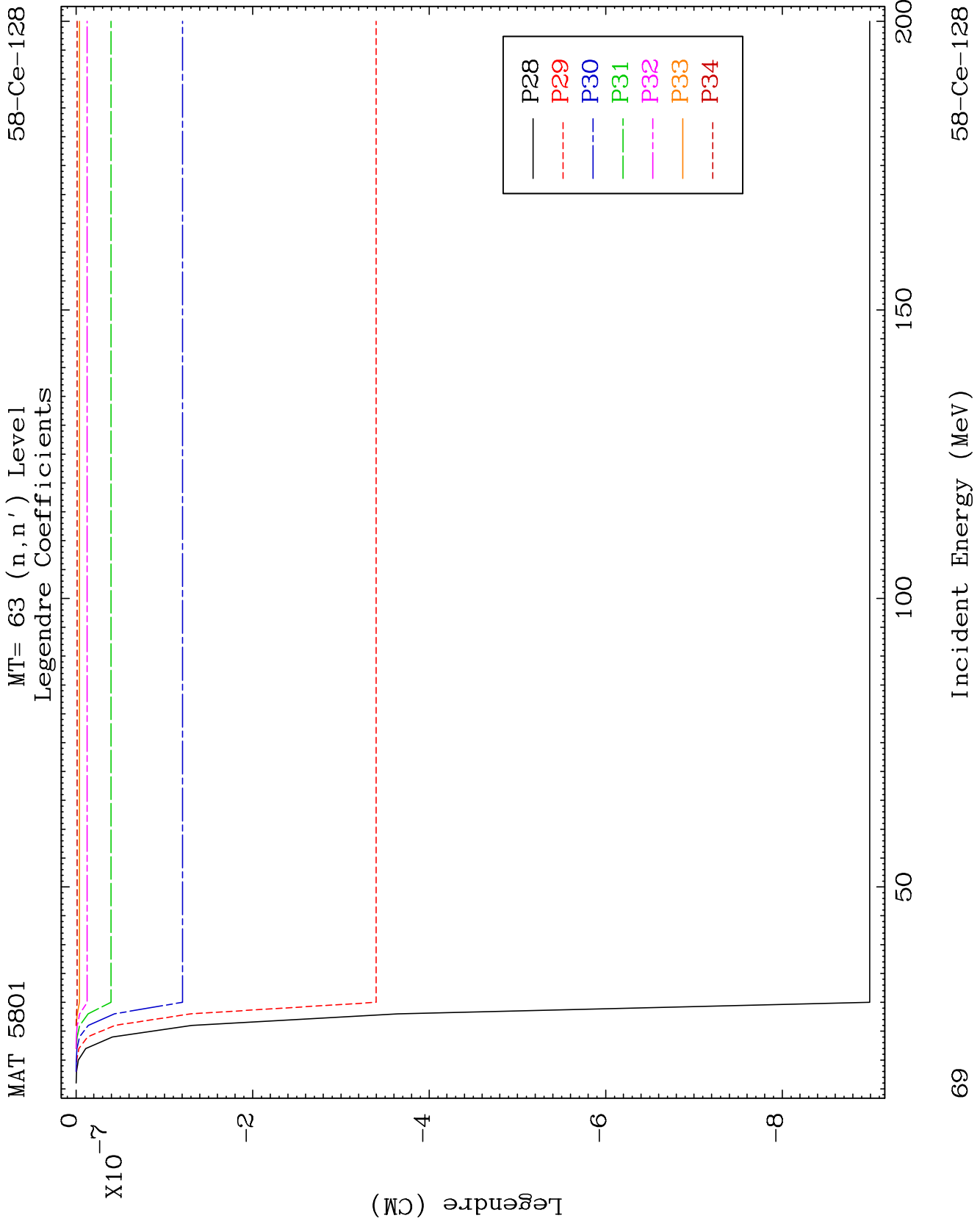
58-Ce-128

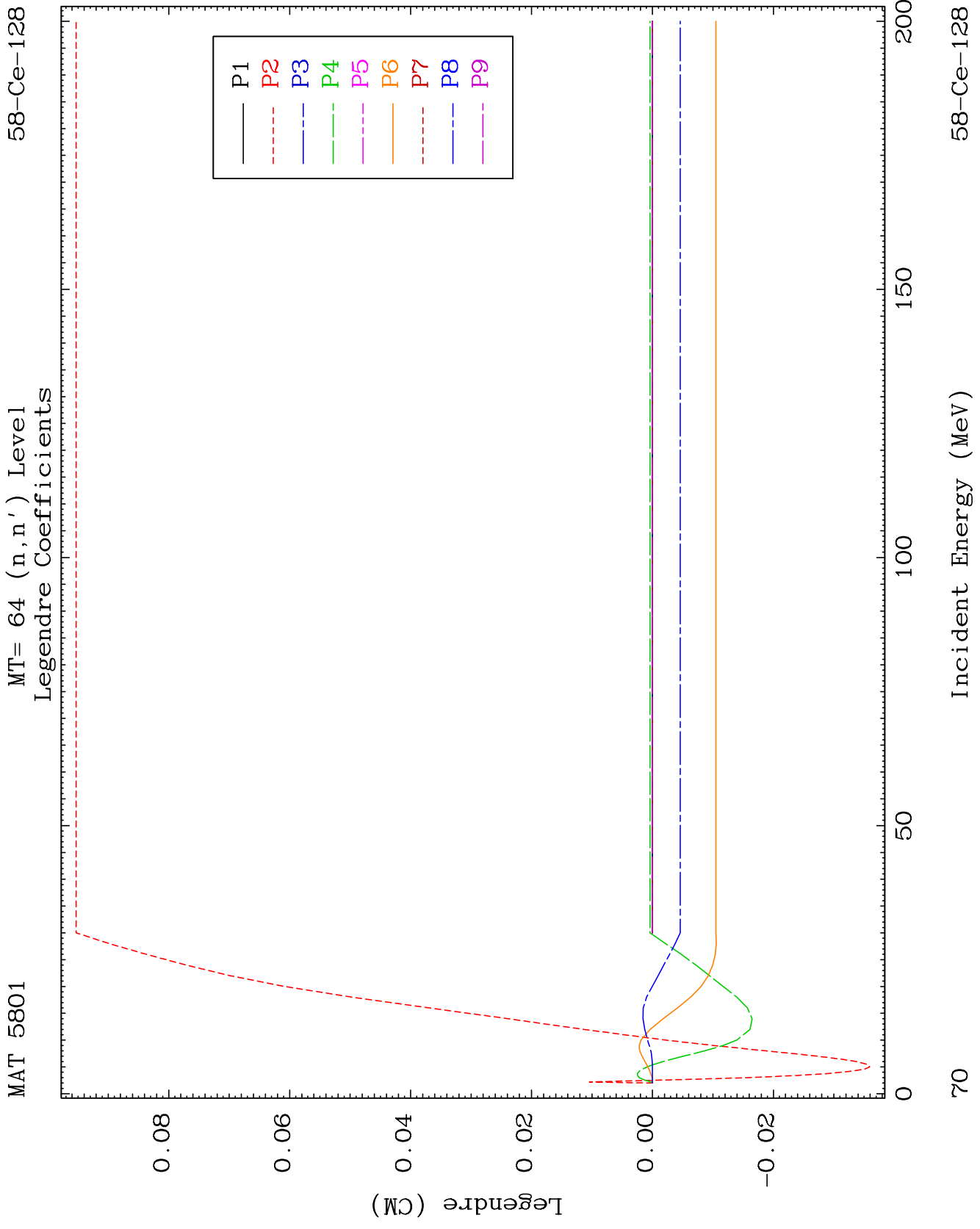


68

Incident Energy (MeV)

58-Ce-128

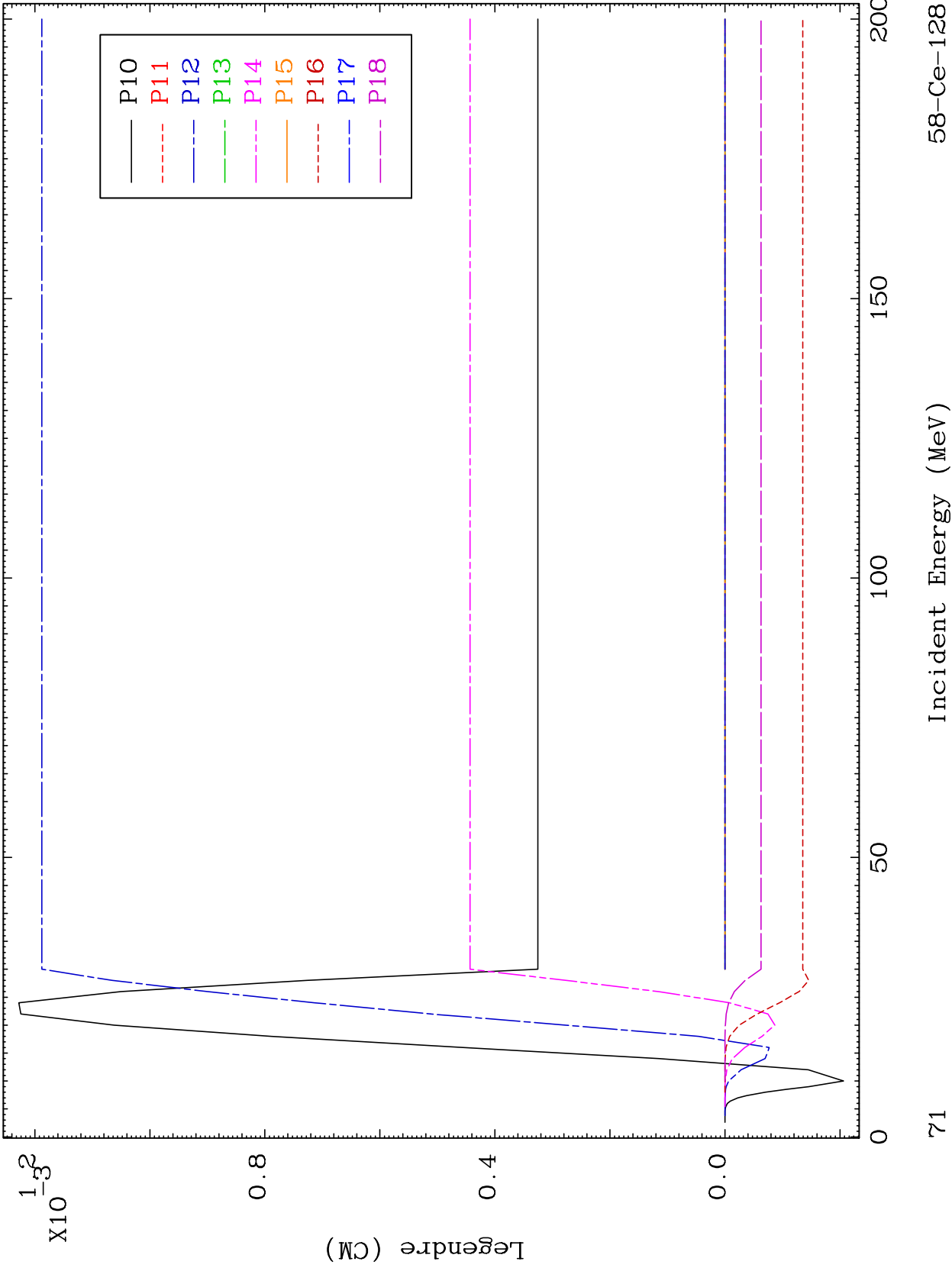




MAT 5801

MT= 64 (n,n') Level
Legendre Coefficients

58-Ce-128



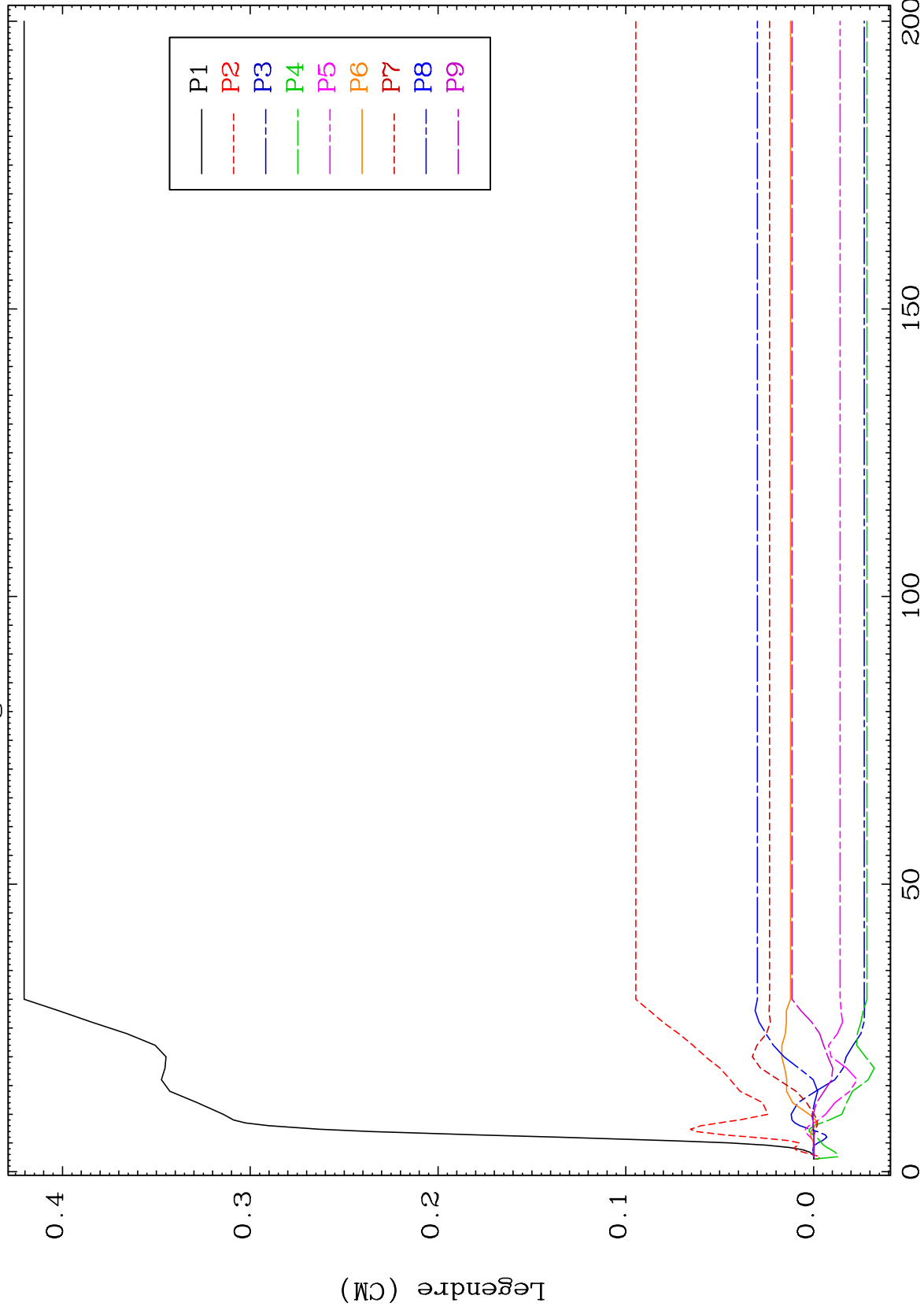
71

58-Ce-128

MAT 5801

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

58-Ce-128



58-Ce-128

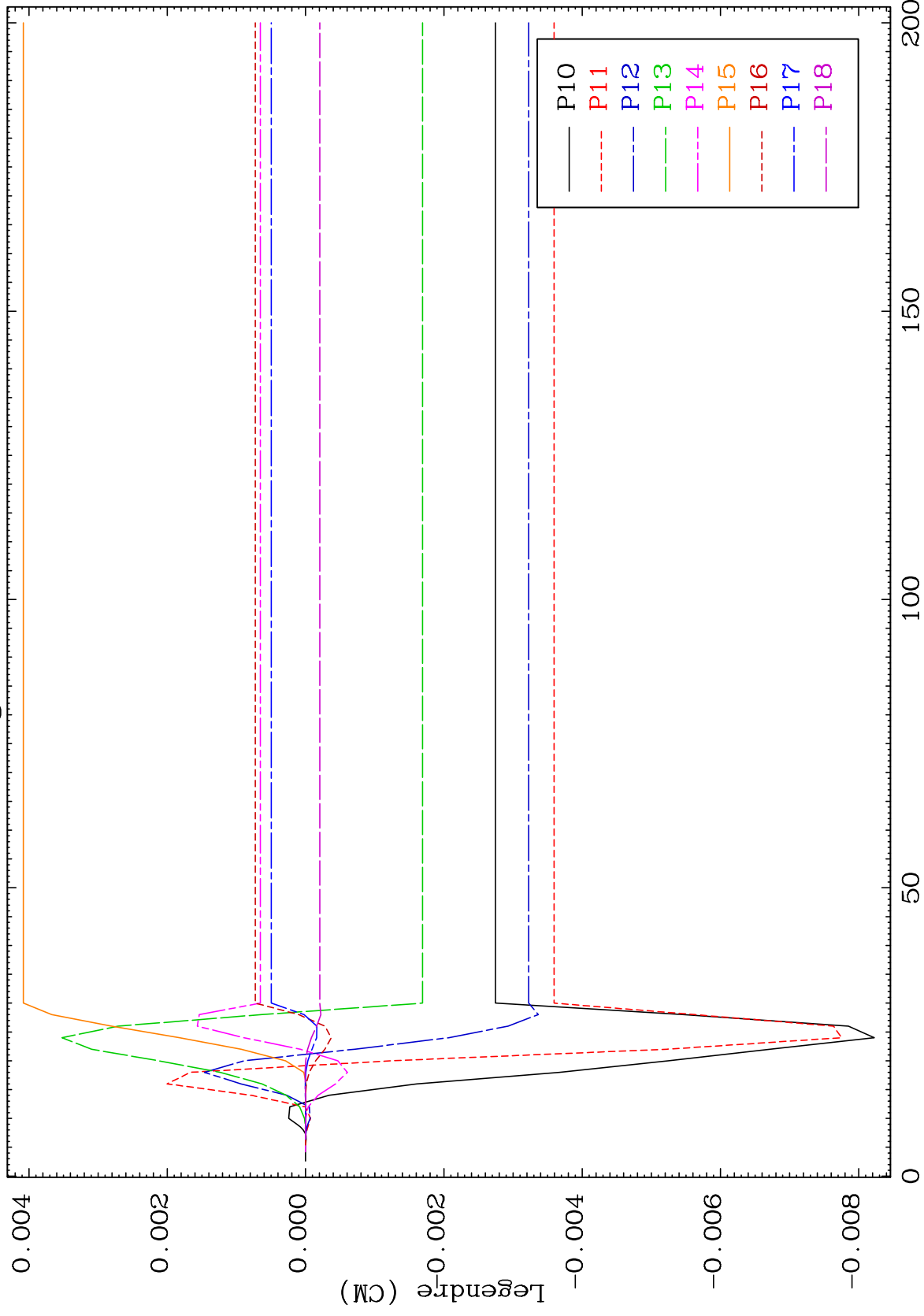
Incident Energy (MeV)

73

MAT 5801

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

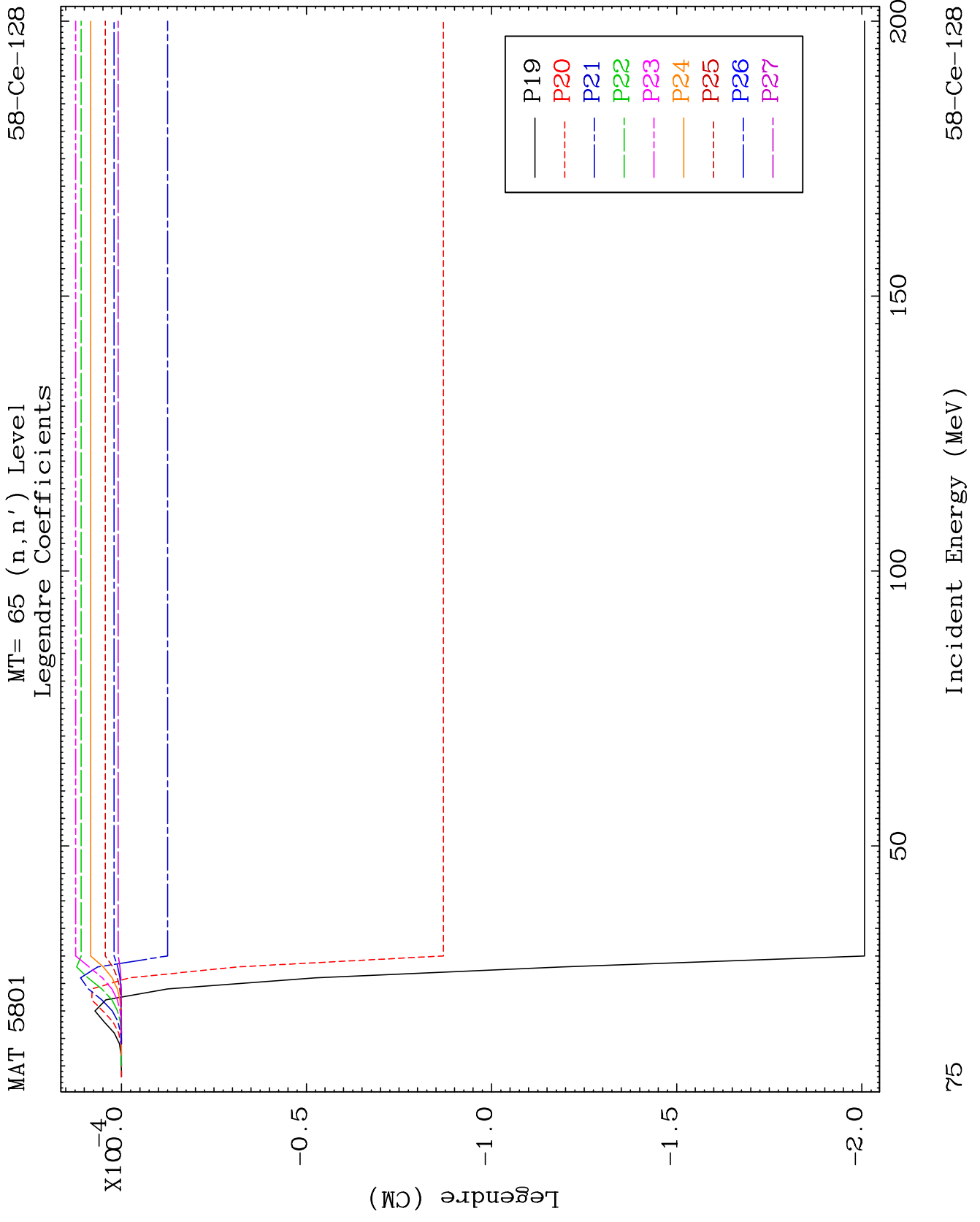
58-Ce-128



74

Incident Energy (MeV)

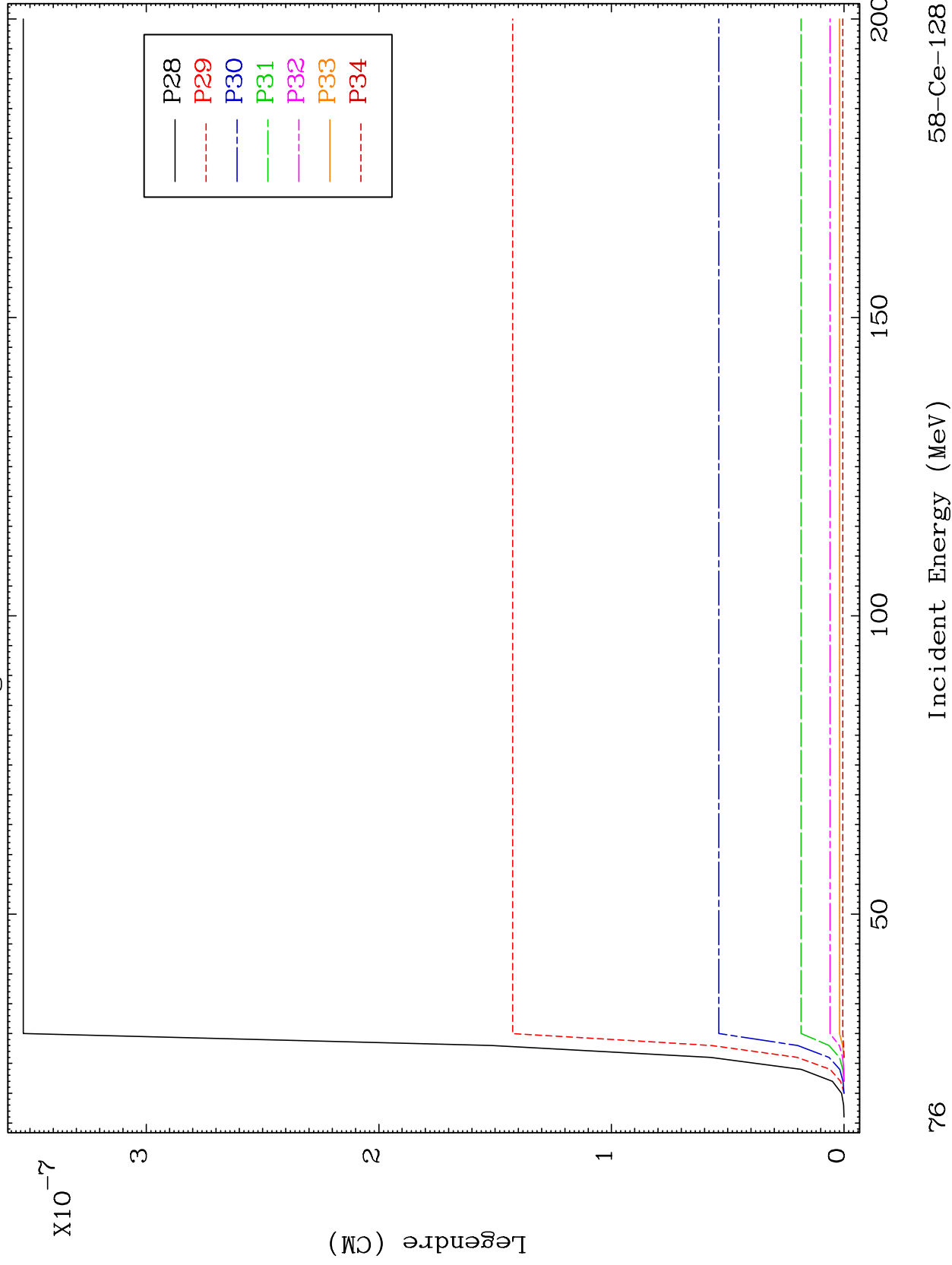
58-Ce-128



MAT 5801

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

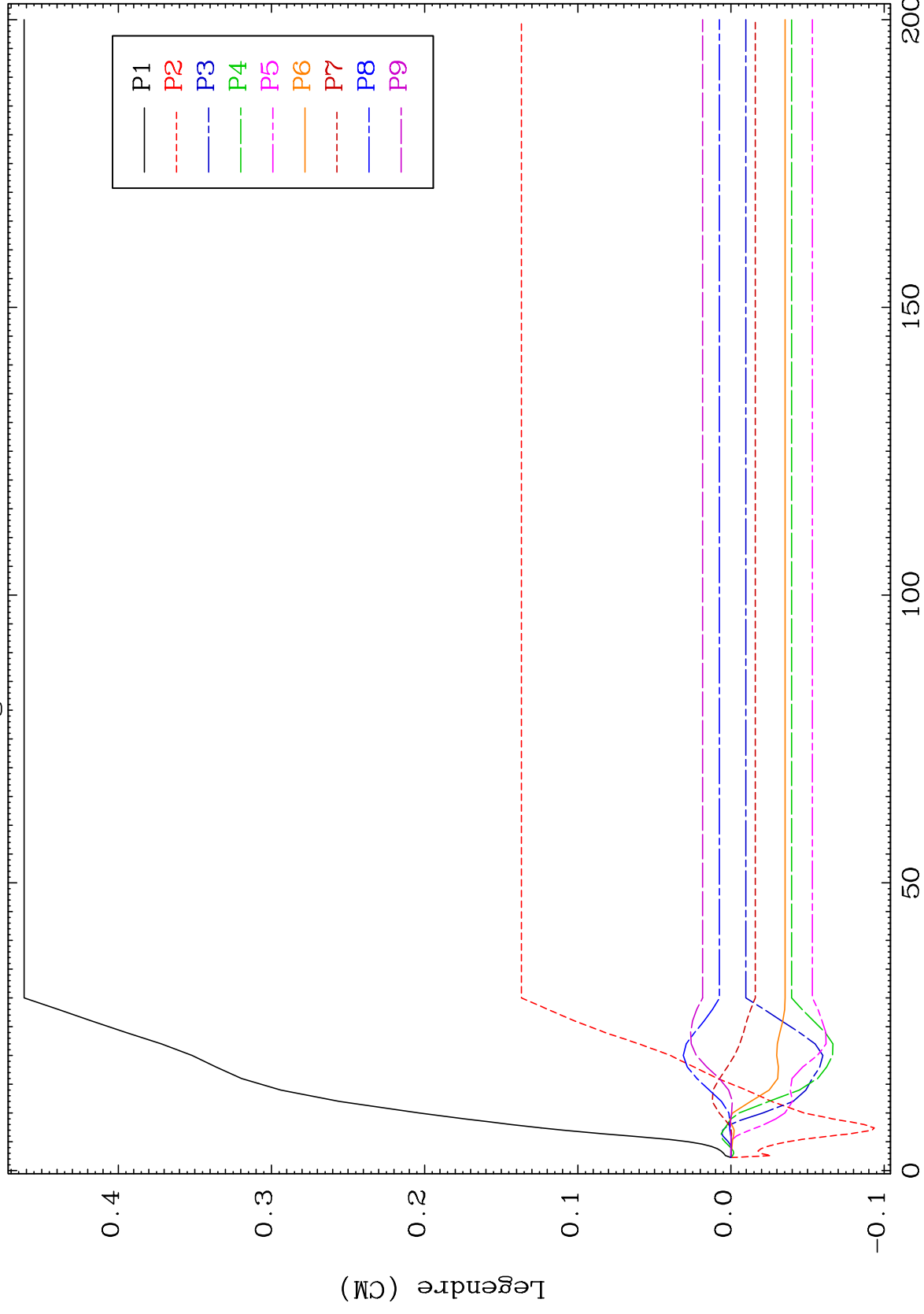
58-Ce-128



MAT 5801

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

58-Ce-128



77

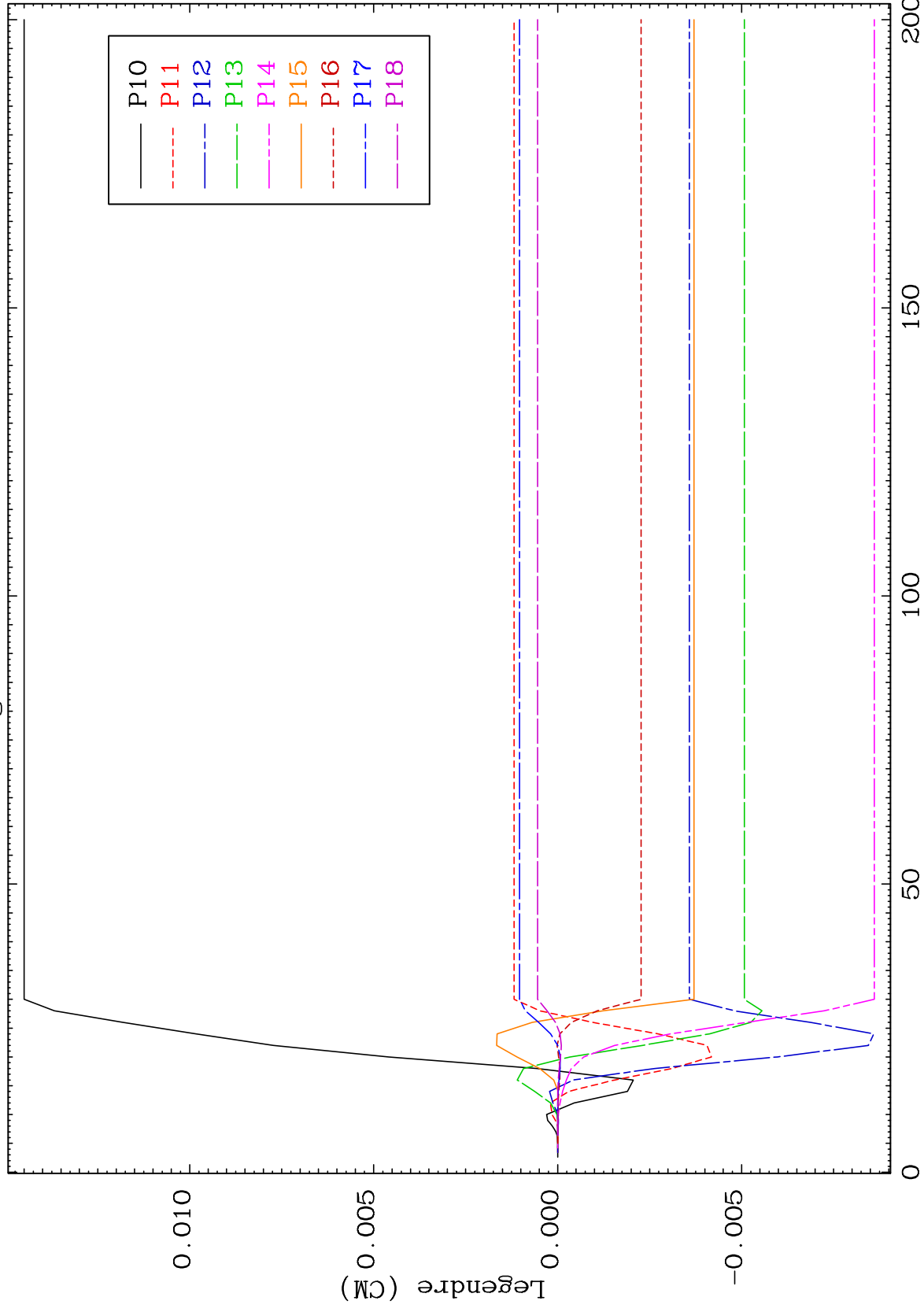
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

58-Ce-128



78

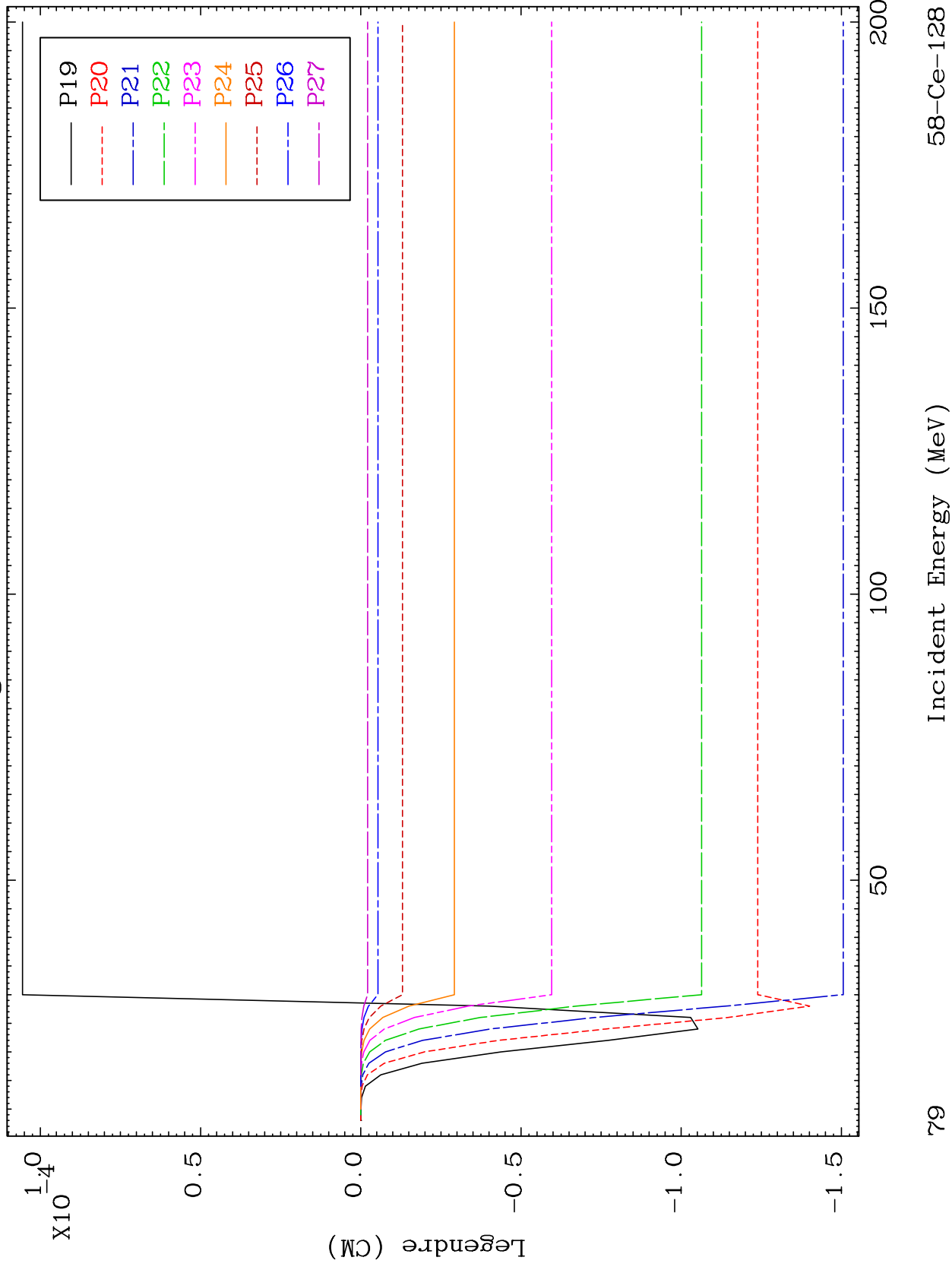
Incident Energy (MeV)

58-Ce-128

MAT 5801

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

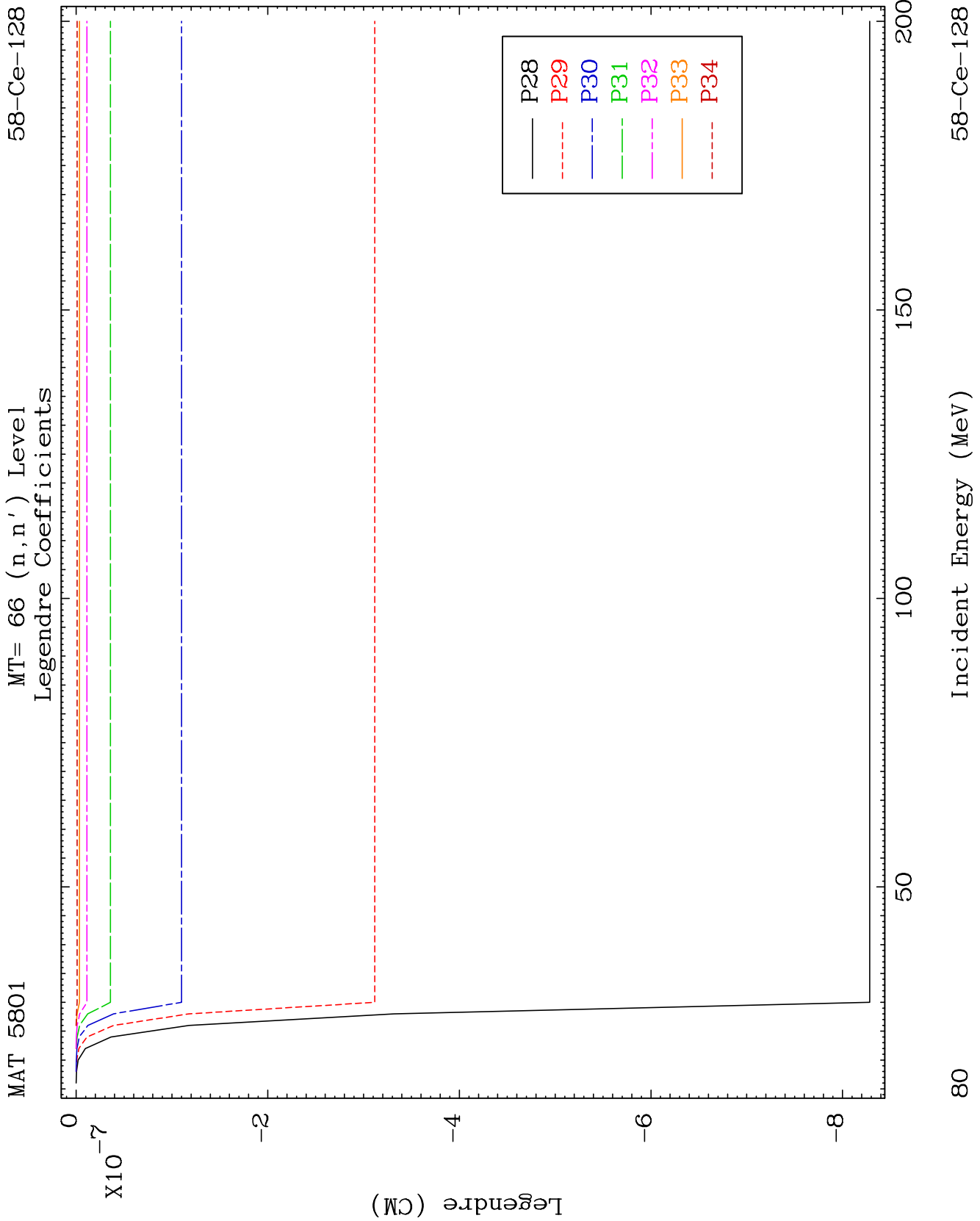
58-Ce-128



79

Incident Energy (MeV)

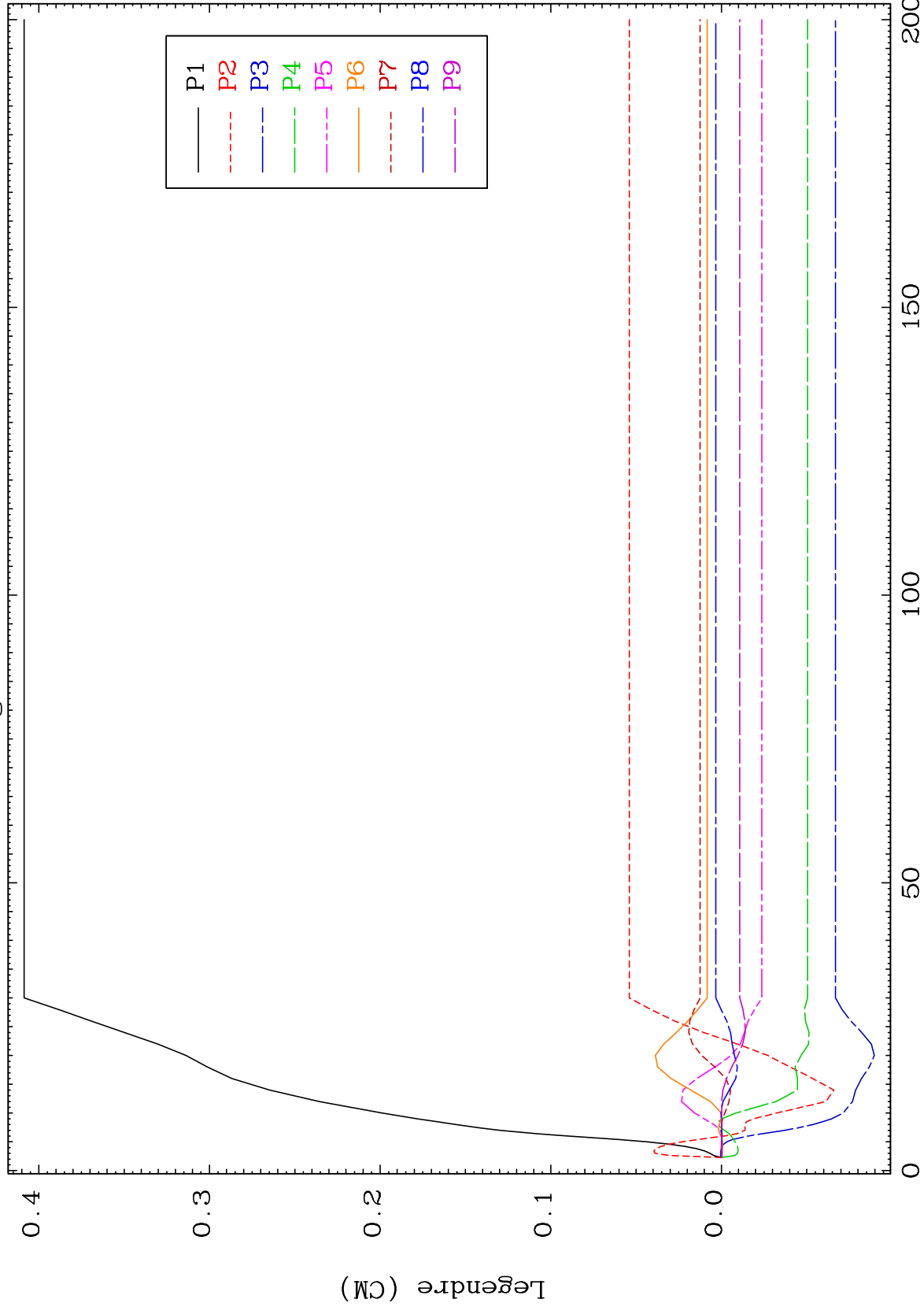
58-Ce-128



MAT 5801

MT= 67 (n,n') Level
Legendre Coefficients

58-Ce-128



81

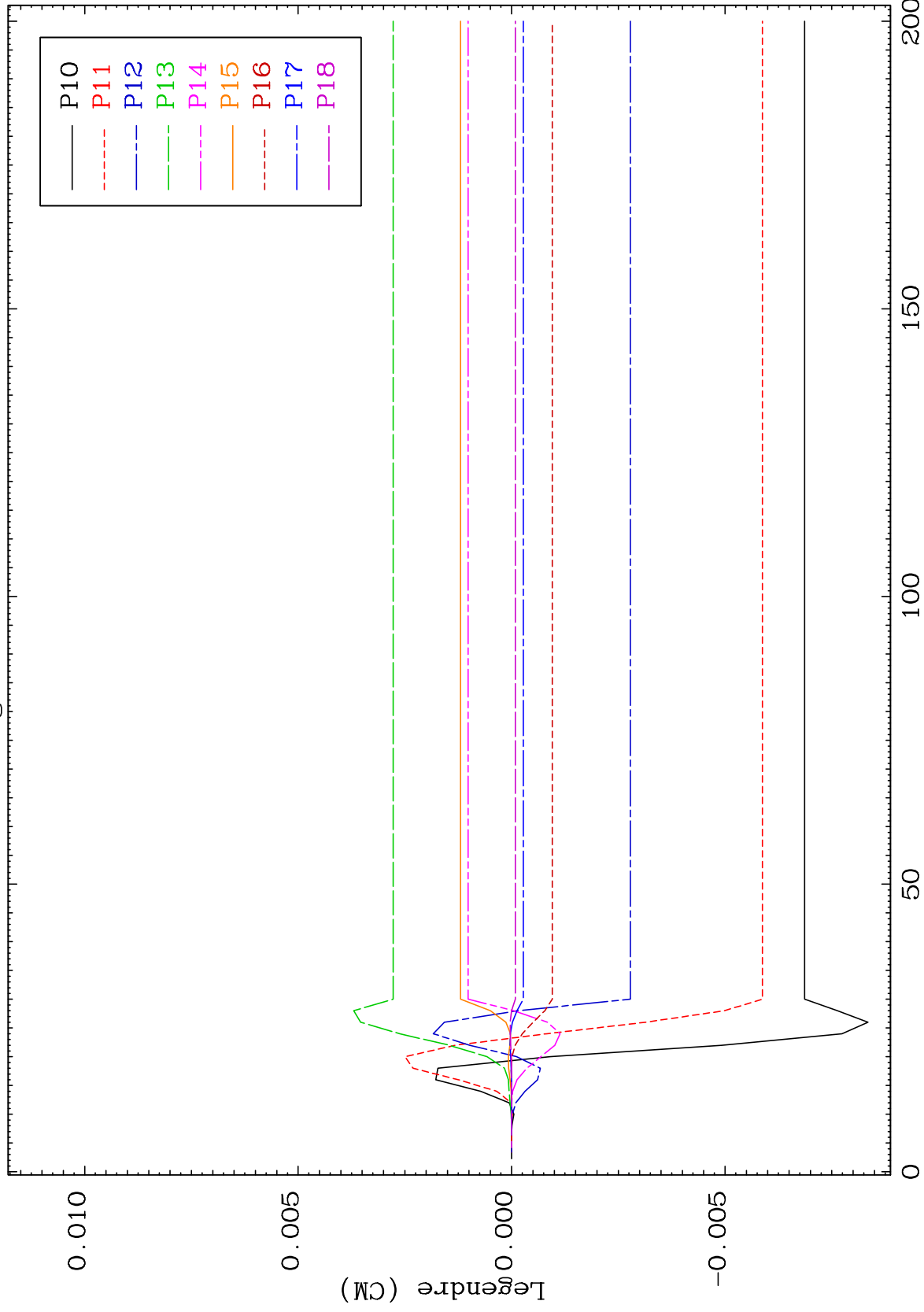
Incident Energy (MeV)

58-Ce-128

MAT 5801

MT= 67 (n,n') Level
Legendre Coefficients

58-Ce-128



82

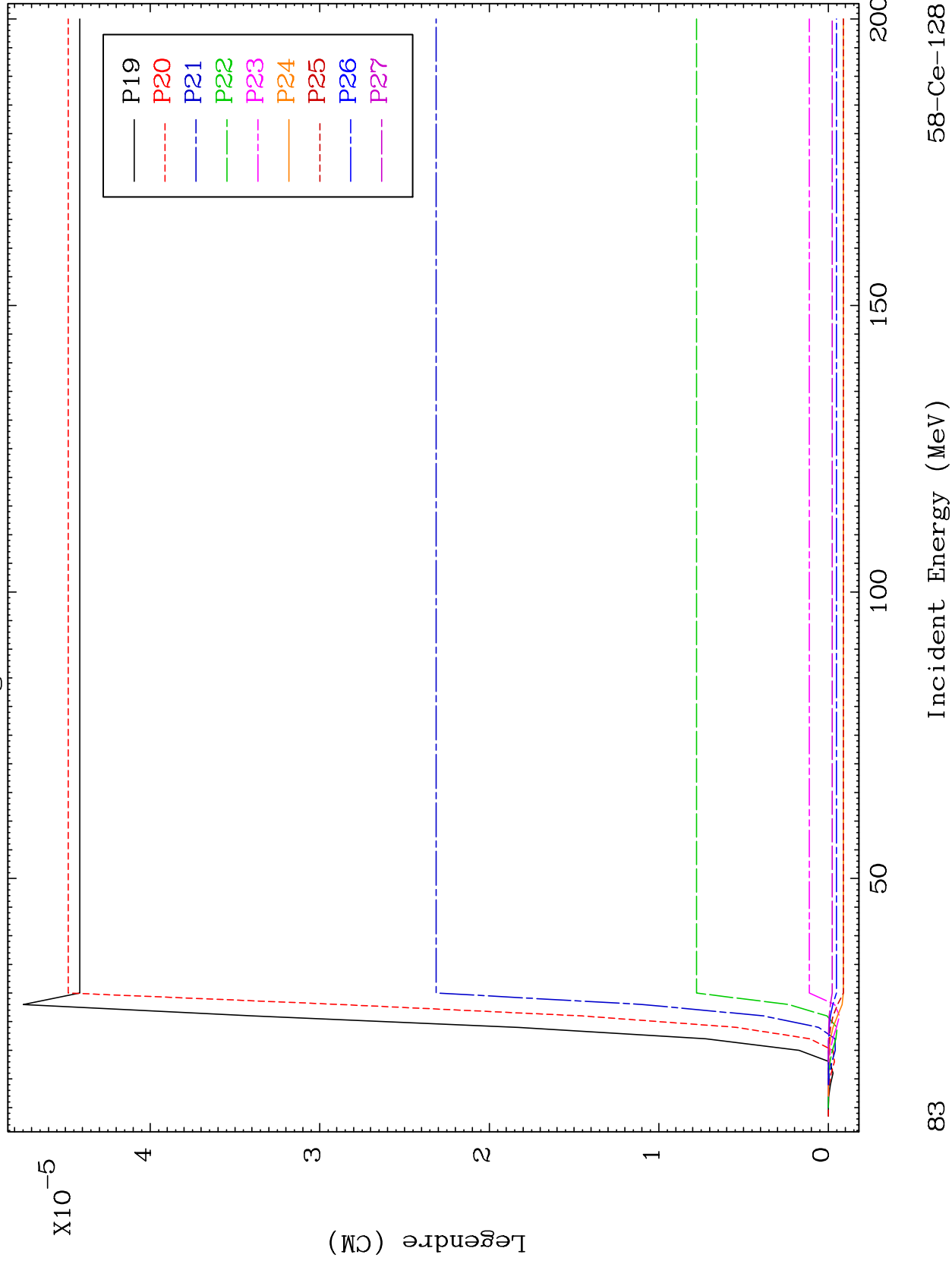
Incident Energy (MeV)

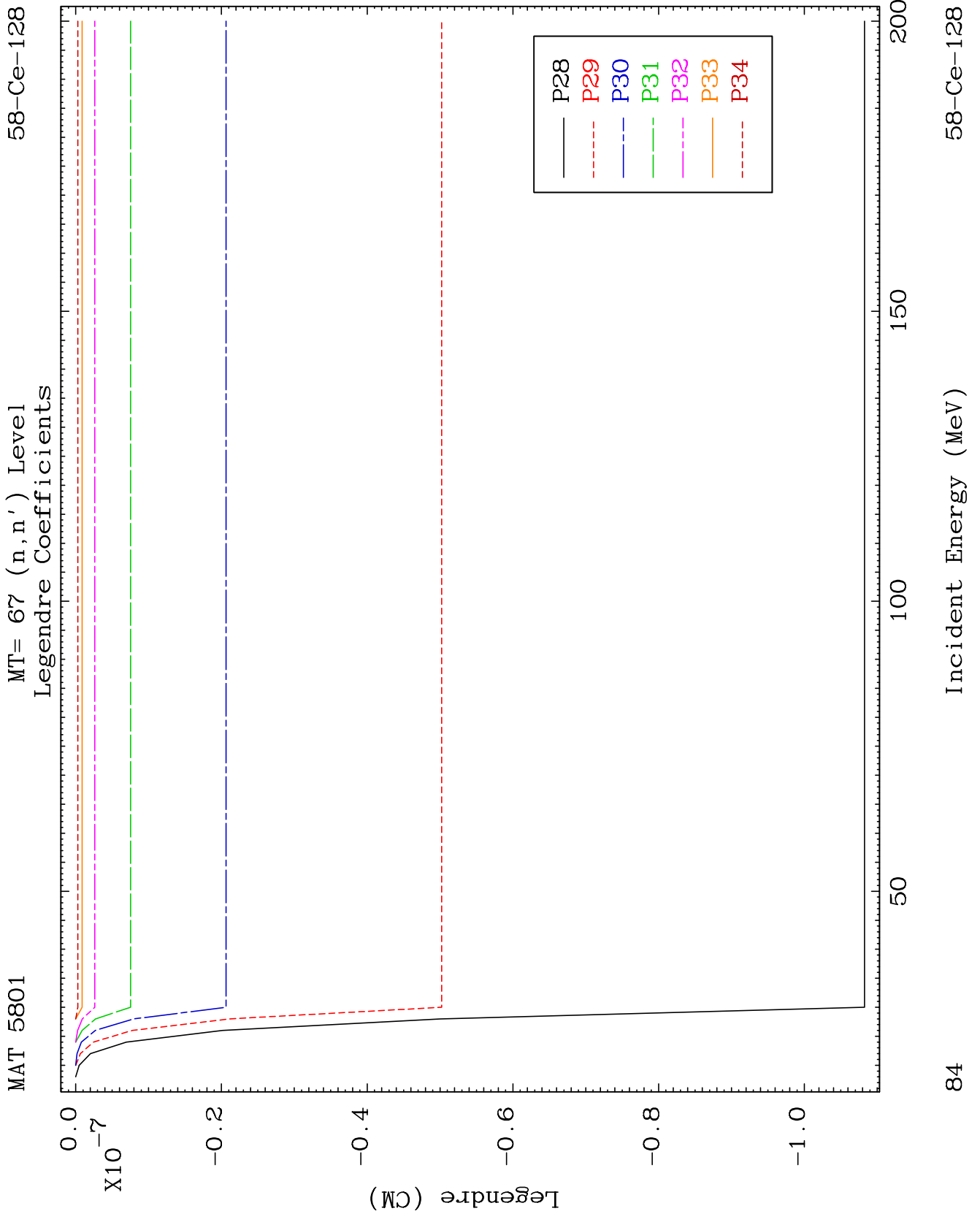
58-Ce-128

MAT 5801

MT= 67 (n,n') Level
Legendre Coefficients

58-Ce-128

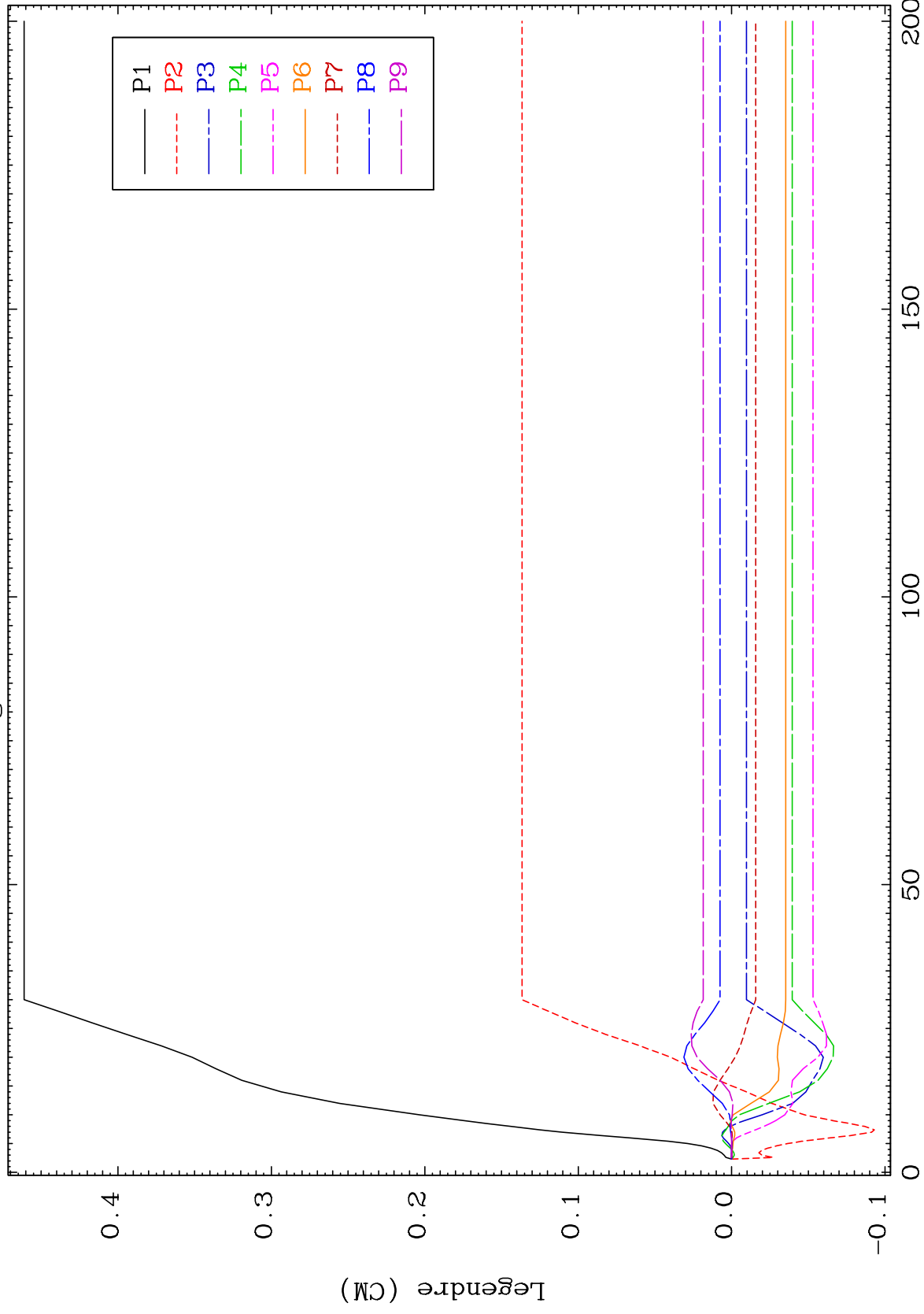




MAT 5801

MT= 68 (n,n') Level
Legendre Coefficients

58-Ce-128



58-Ce-128

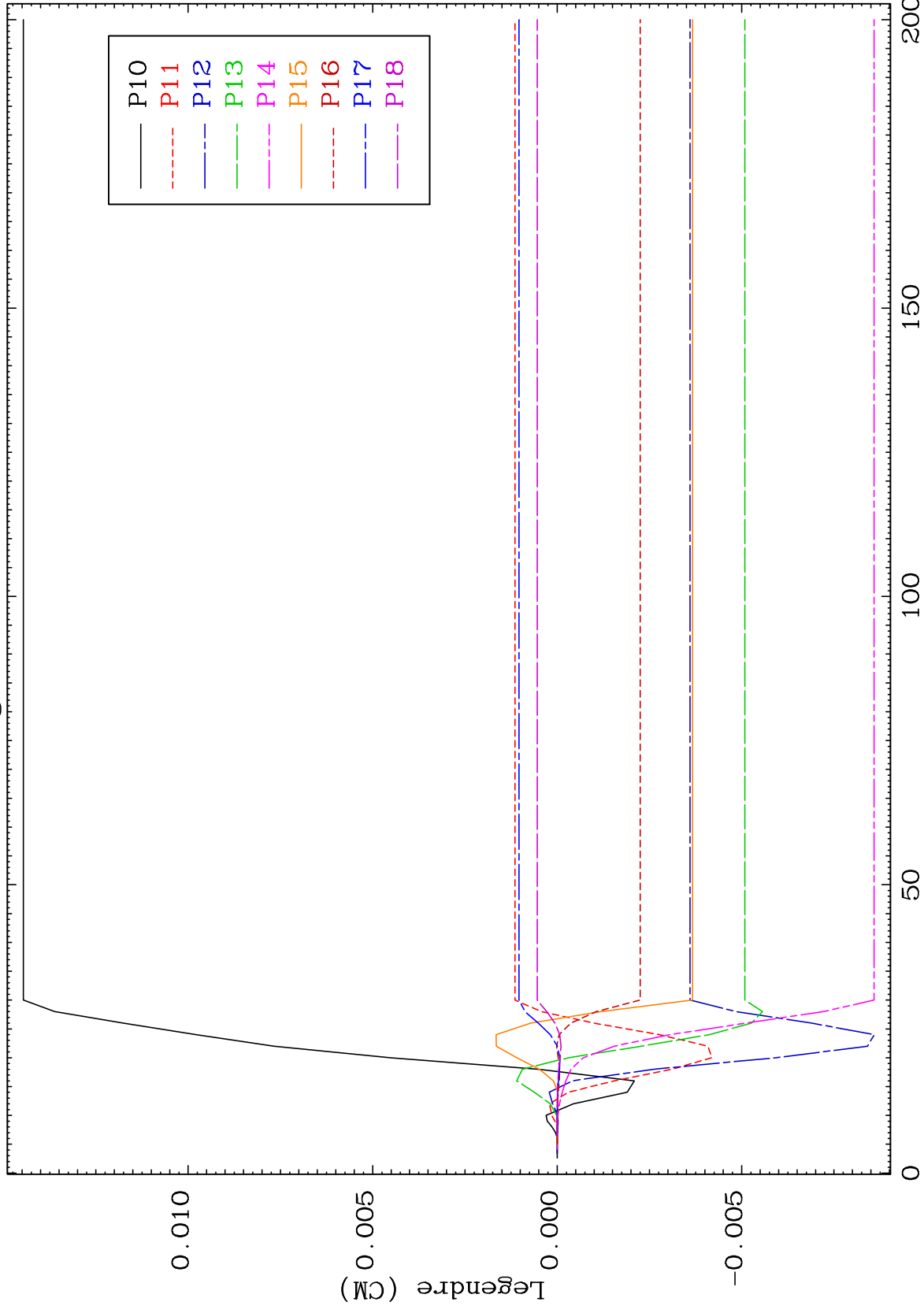
Incident Energy (MeV)

85

MAT 5801

MT= 68 (n,n') Level
Legendre Coefficients

58-Ce-128



86

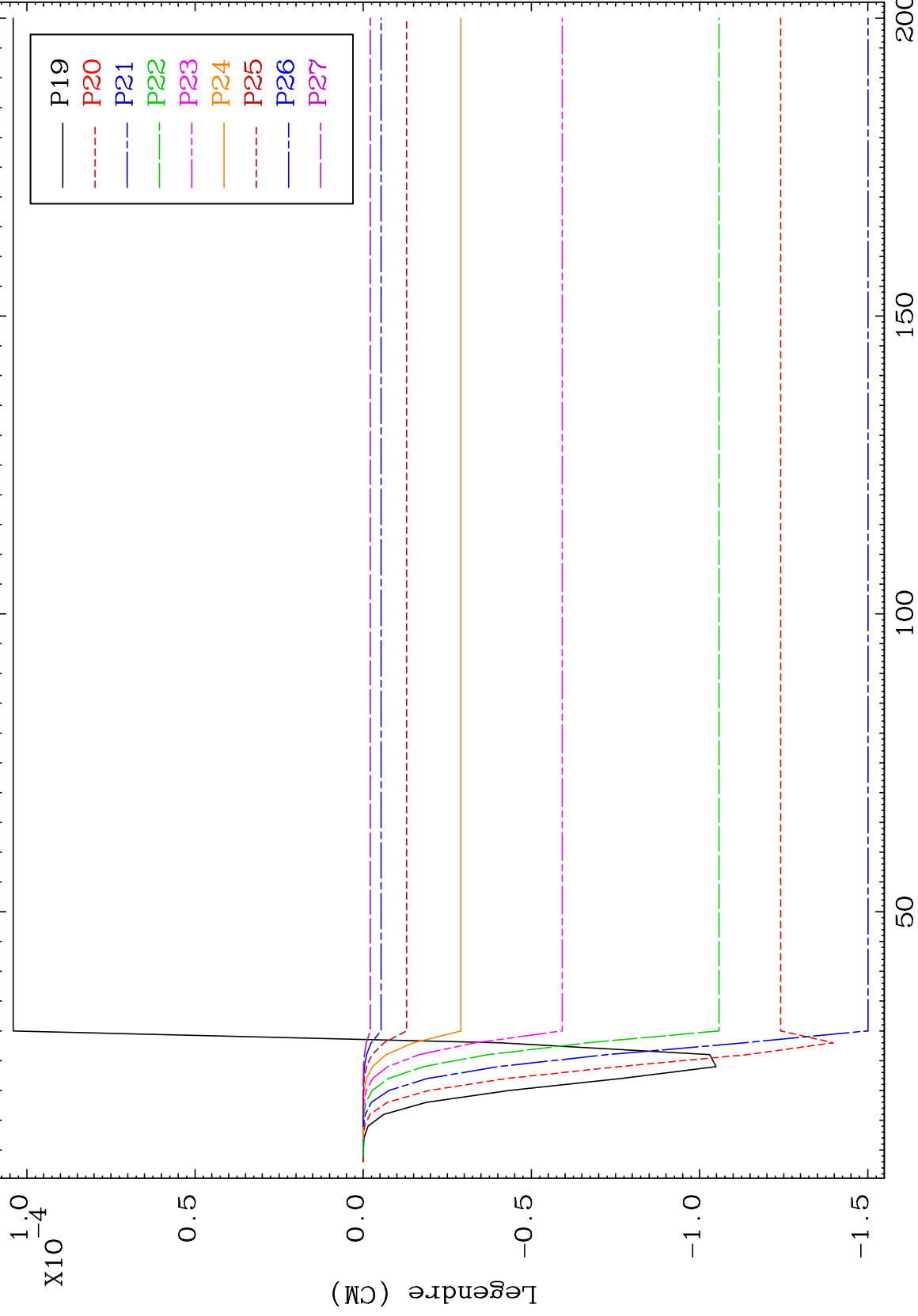
Incident Energy (MeV)

58-Ce-128

MAT 5801

MT= 68 (n,n') Level
Legendre Coefficients

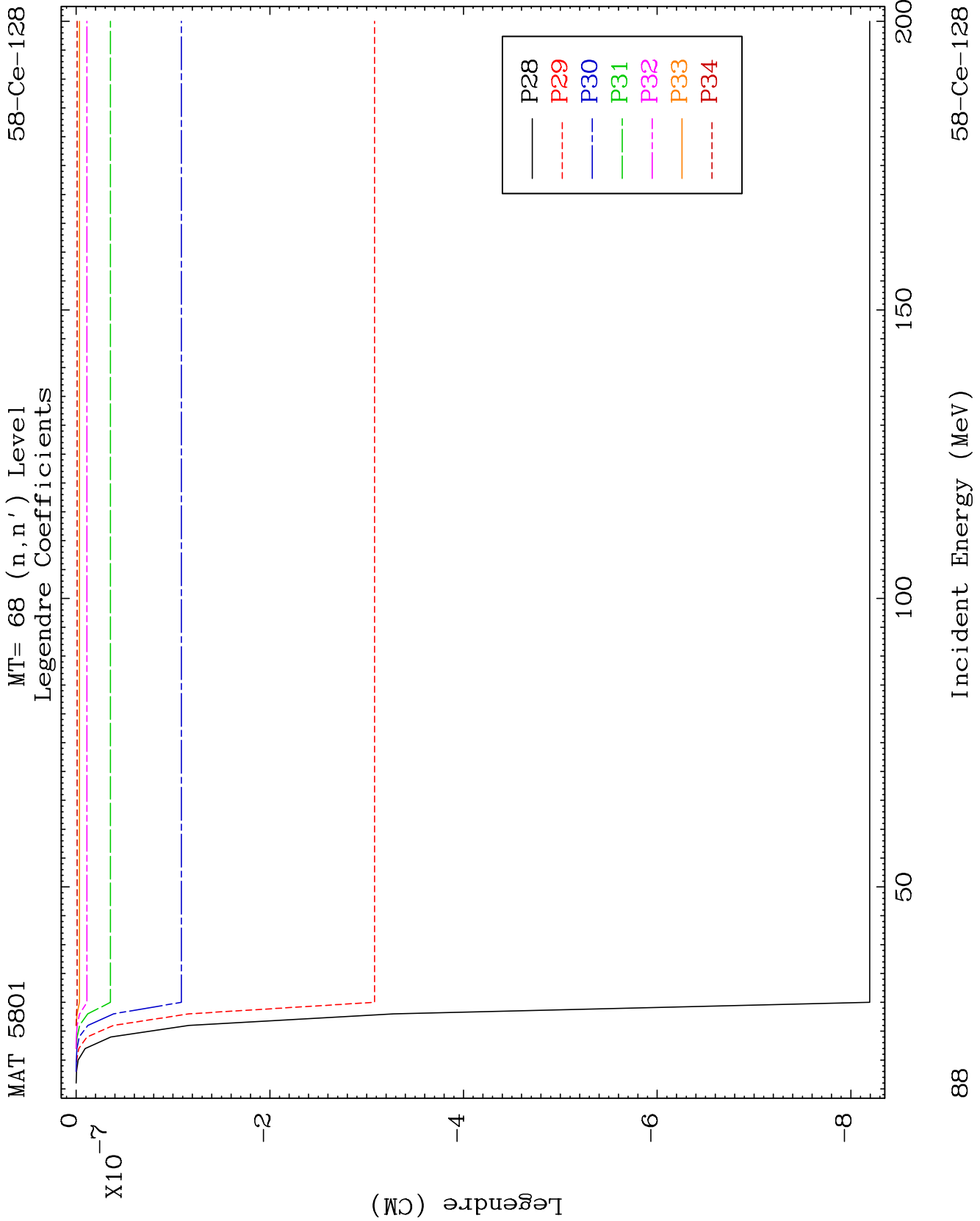
58-Ce-128



87

Incident Energy (MeV)

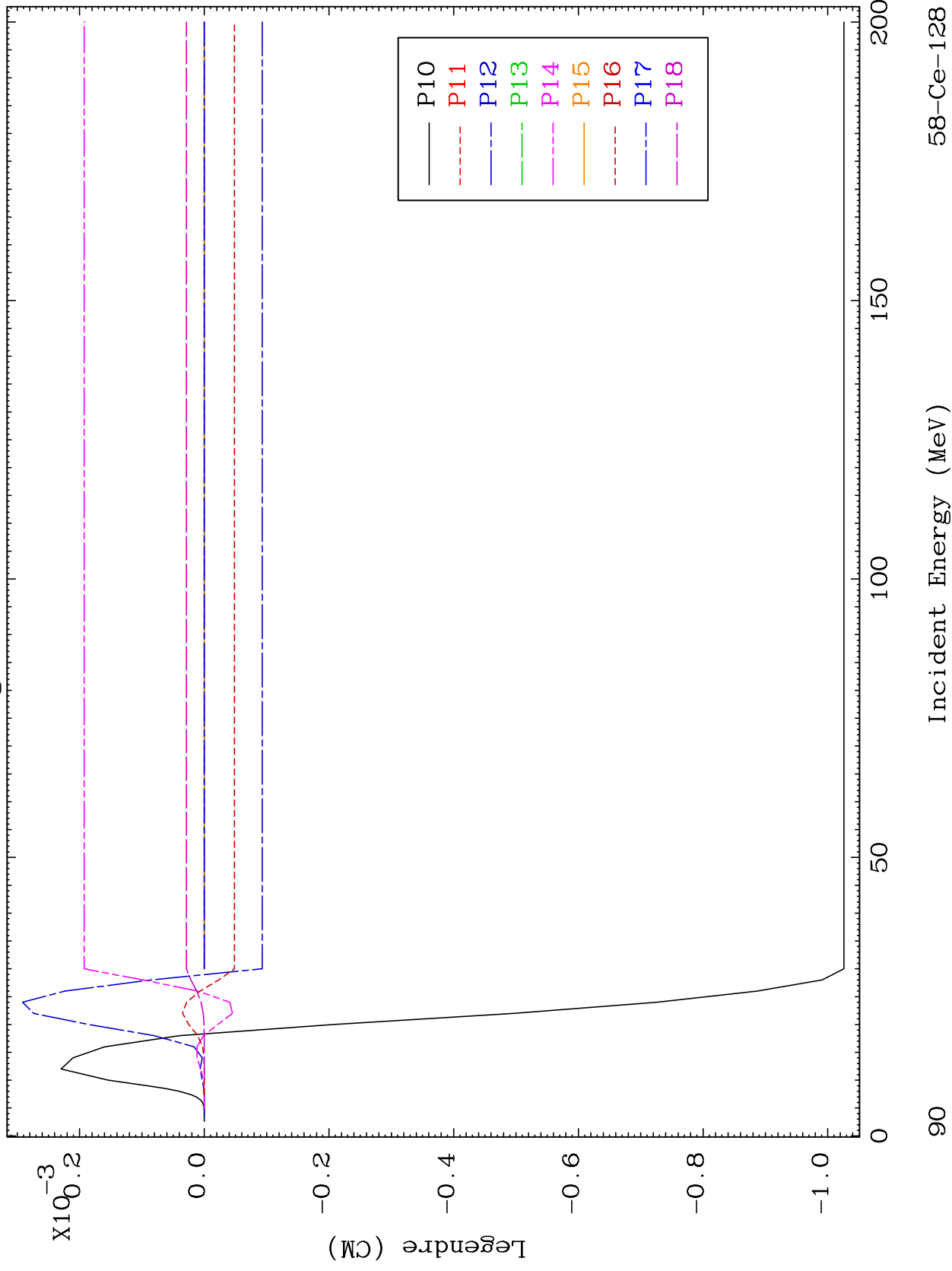
58-Ce-128

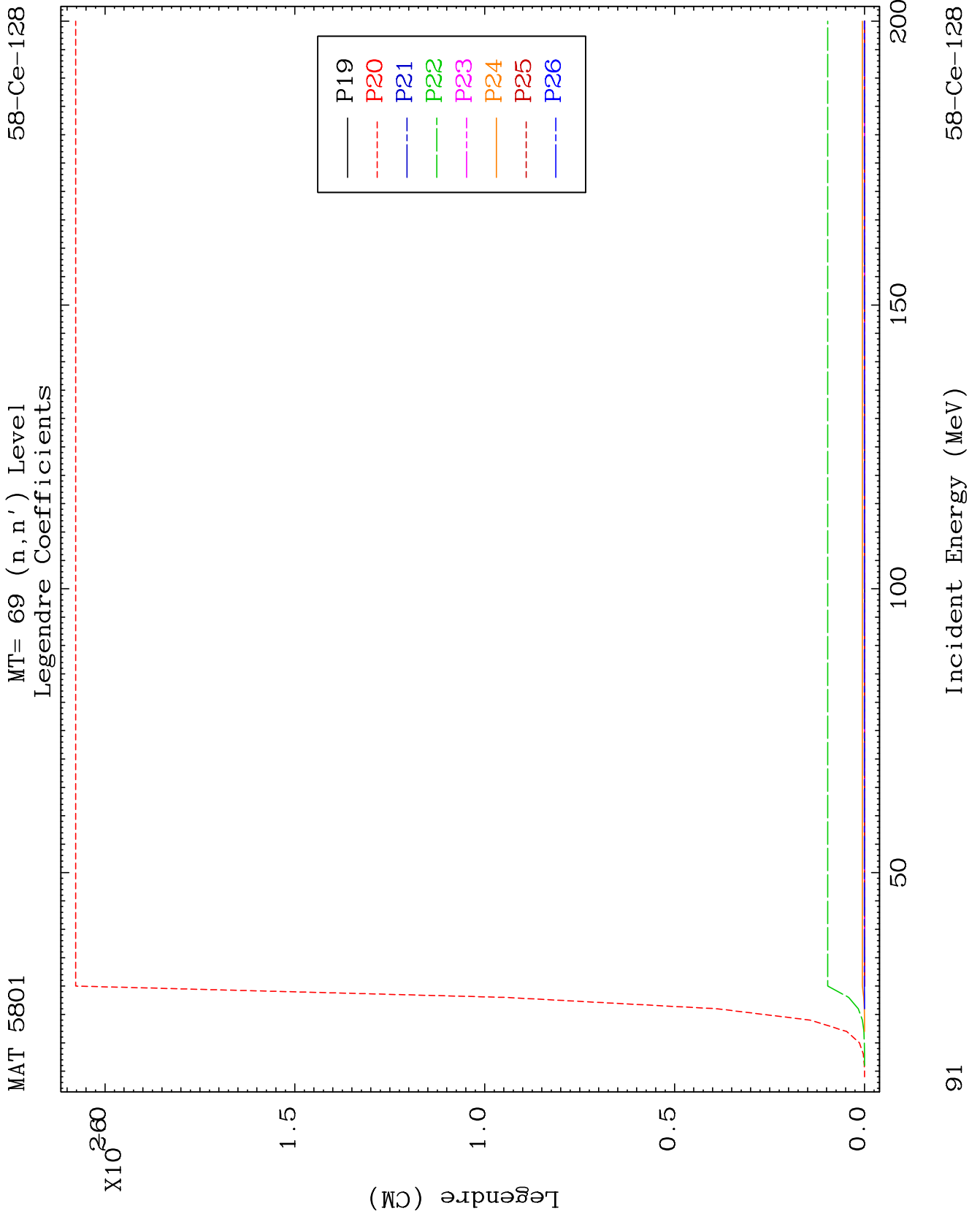


MAT 5801

MT= 69 (n,n') Level
Legendre Coefficients

58-Ce-128

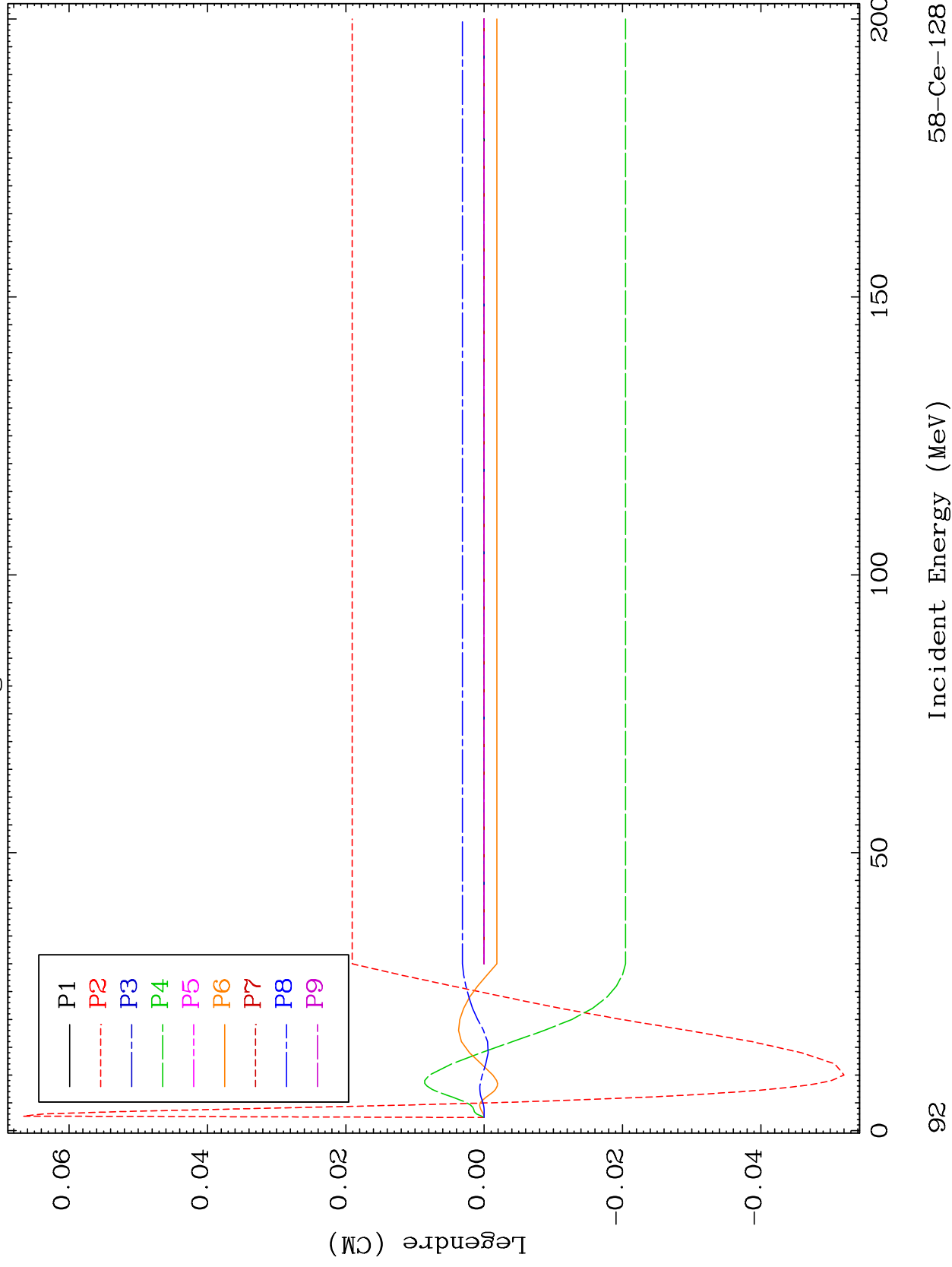




MAT 5801

MT= 70 (n,n') Level
Legendre Coefficients

58-Ce-128



58-Ce-128

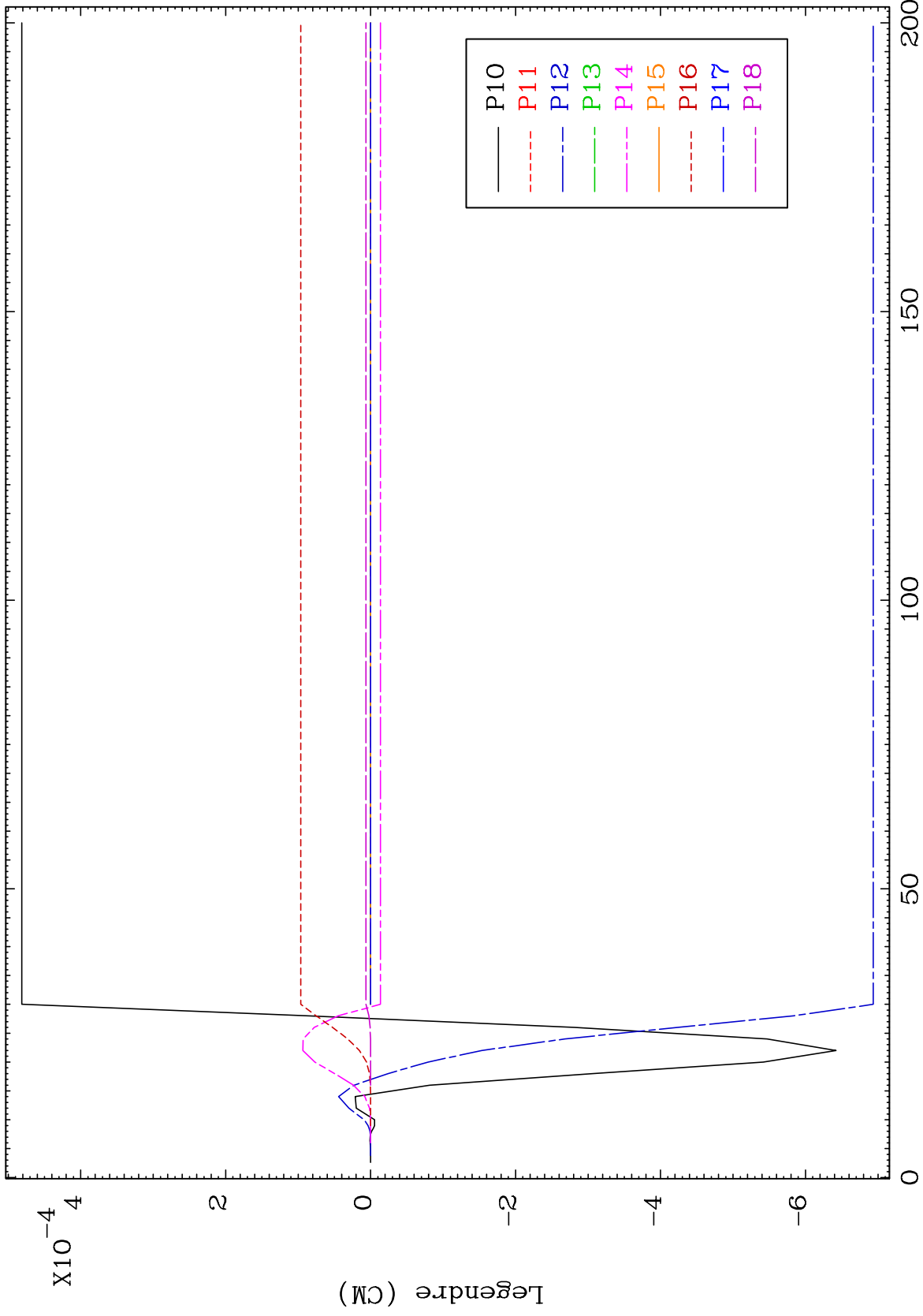
Incident Energy (MeV)

92

MAT 5801

MT= 70 (n,n') Level
Legendre Coefficients

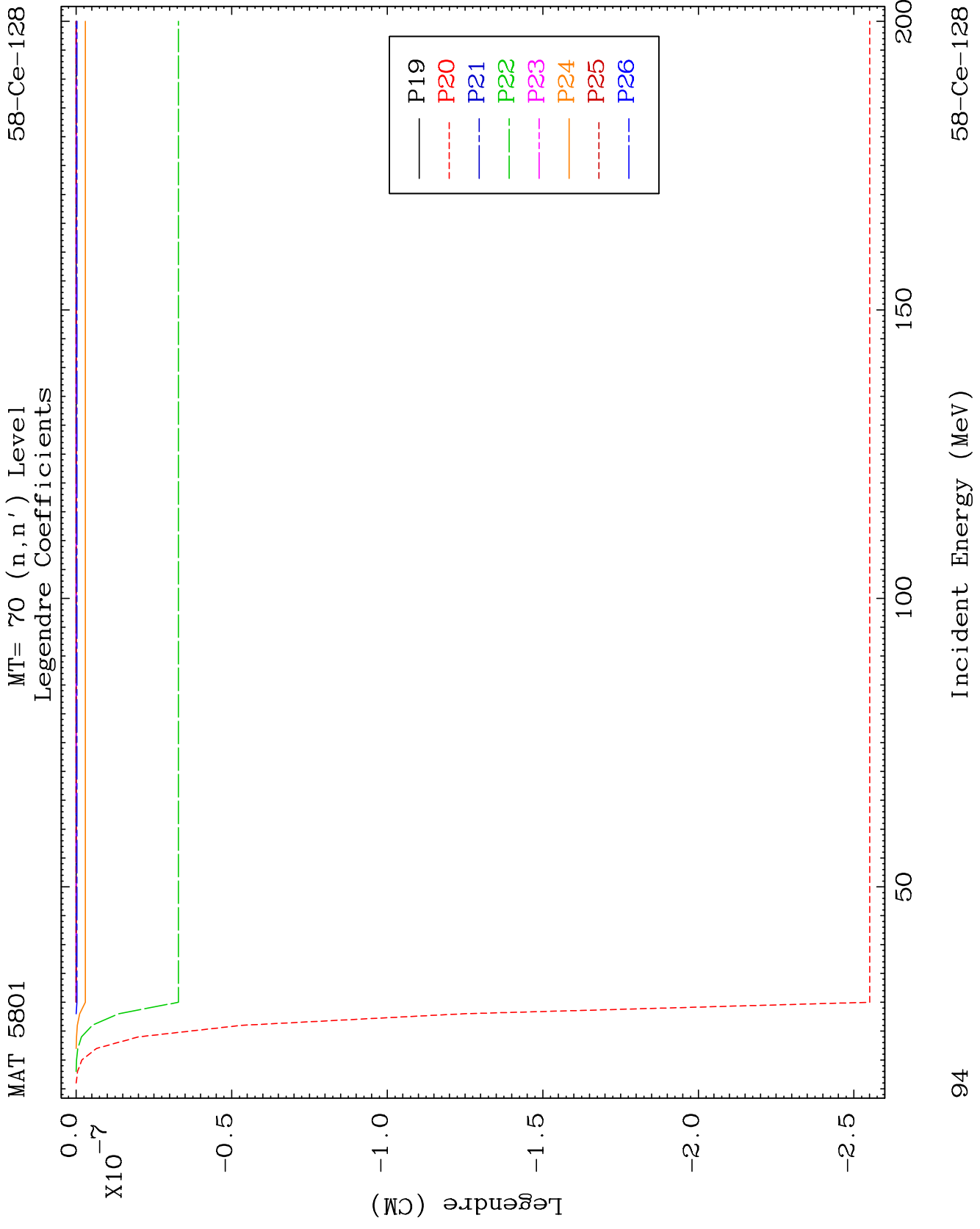
58-Ce-128



93

Incident Energy (MeV)

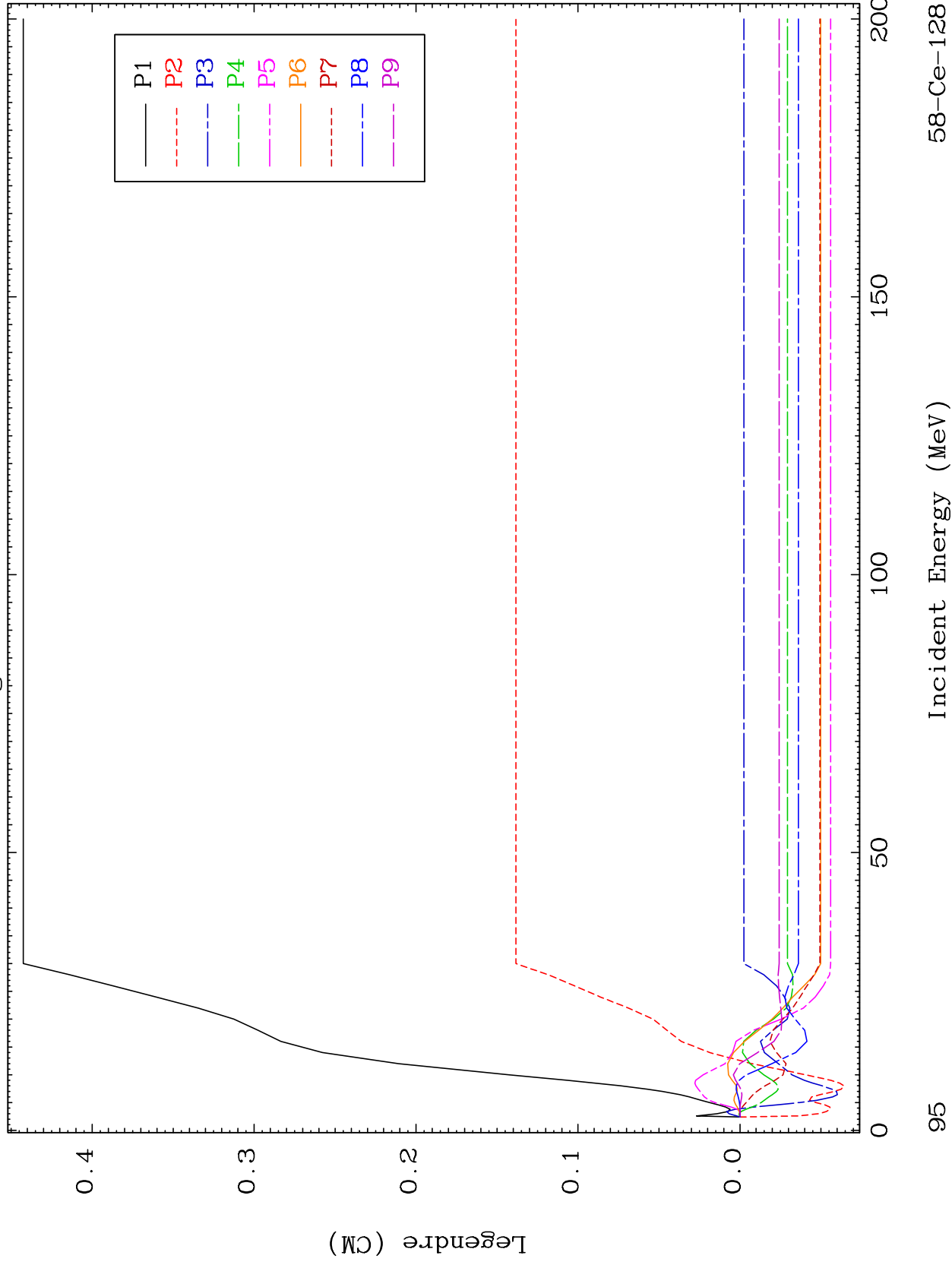
58-Ce-128



MAT 5801

MT= 71 (n,n') Level
Legendre Coefficients

58-Ce-128



58-Ce-128

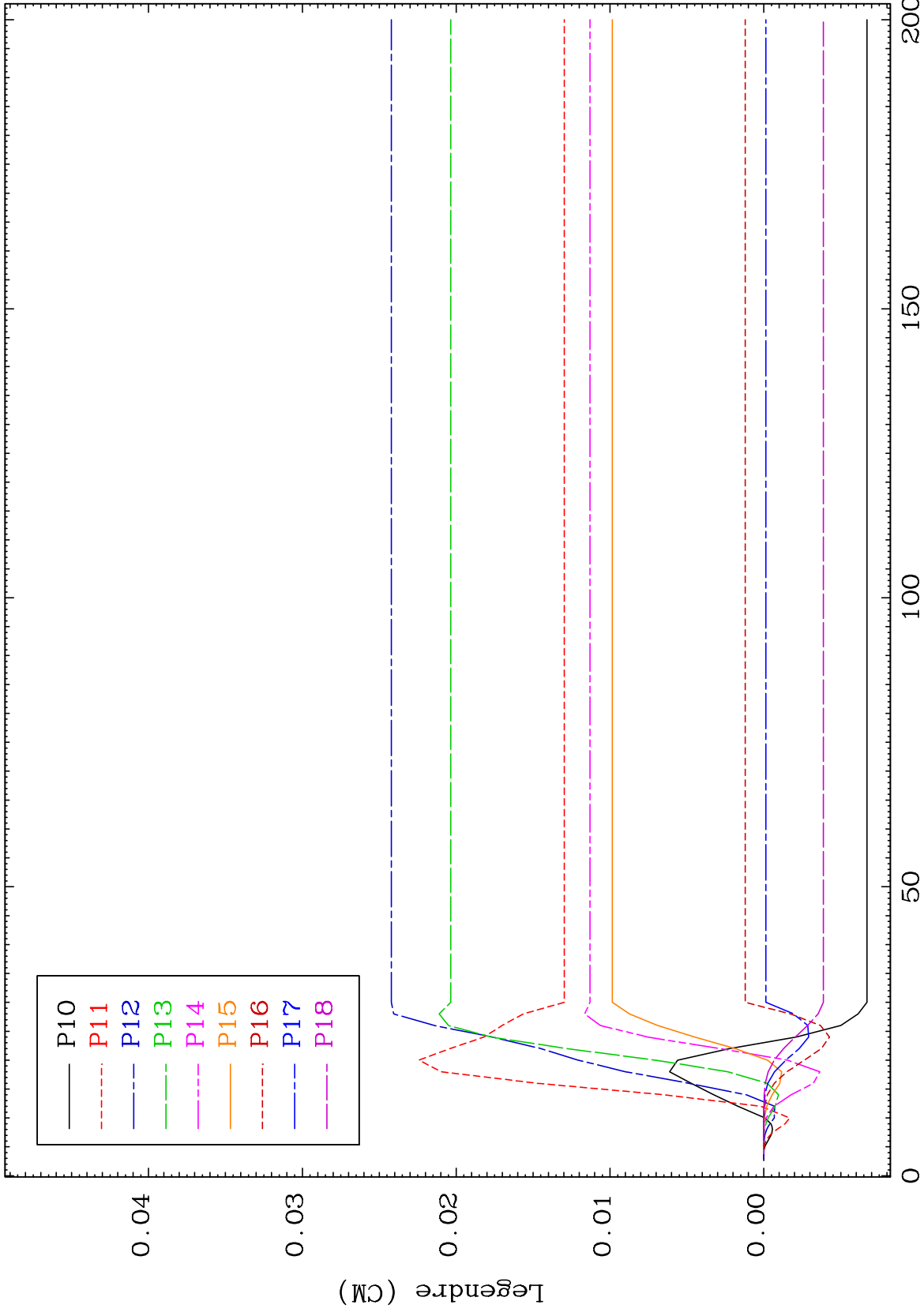
Incident Energy (MeV)

95

MAT 5801

MT= 71 (n,n') Level
Legendre Coefficients

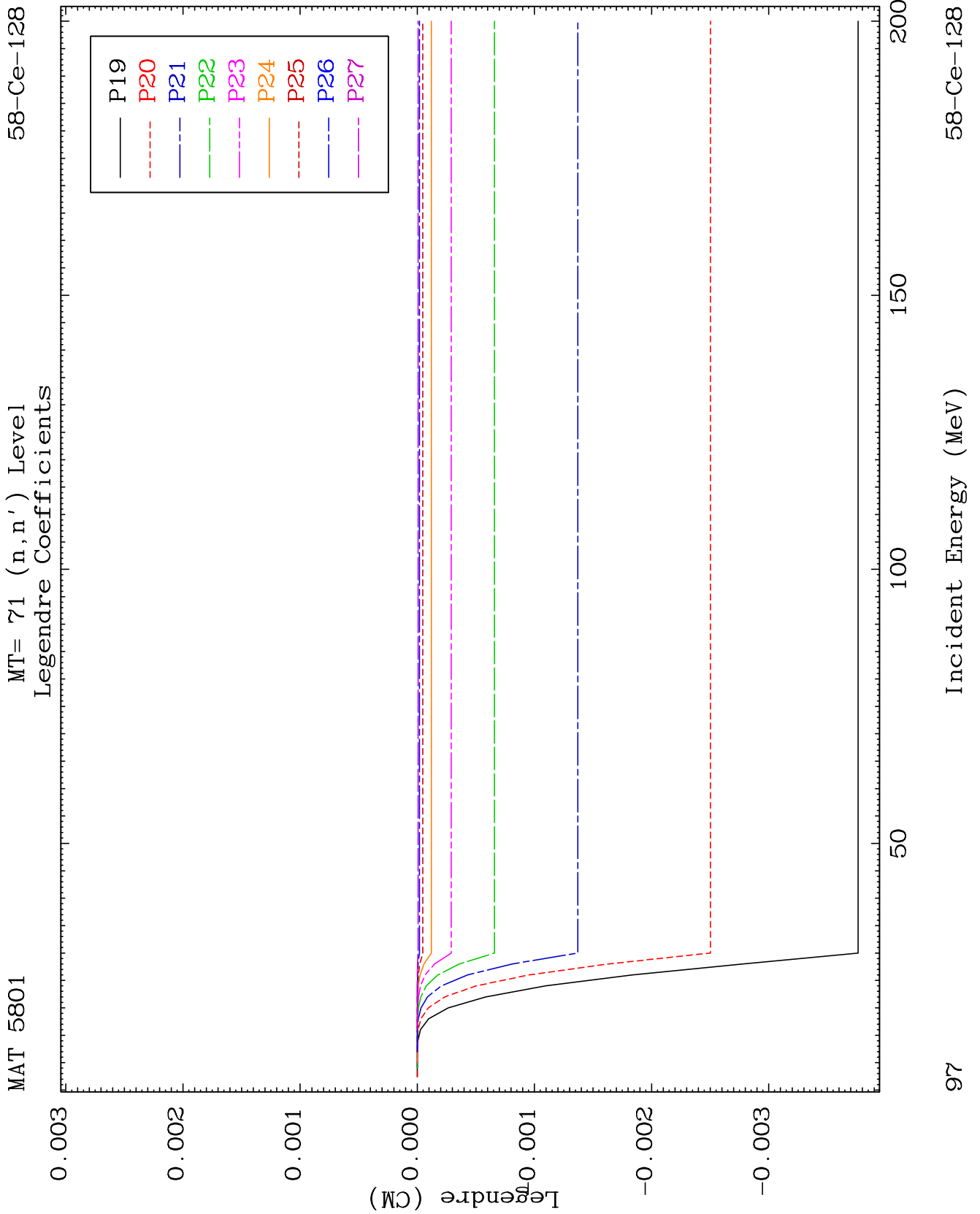
58-Ce-128

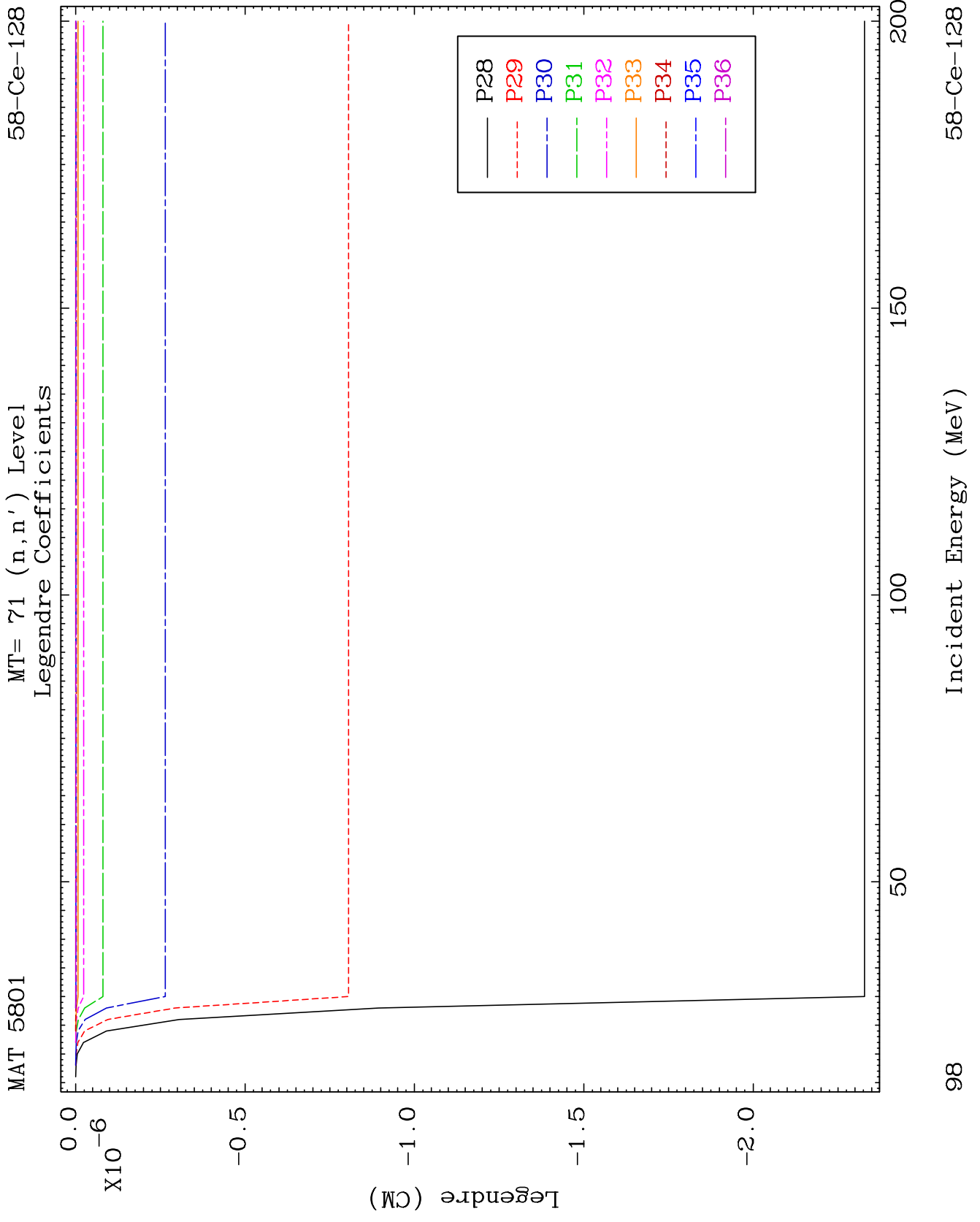


96

Incident Energy (MeV)

58-Ce-128



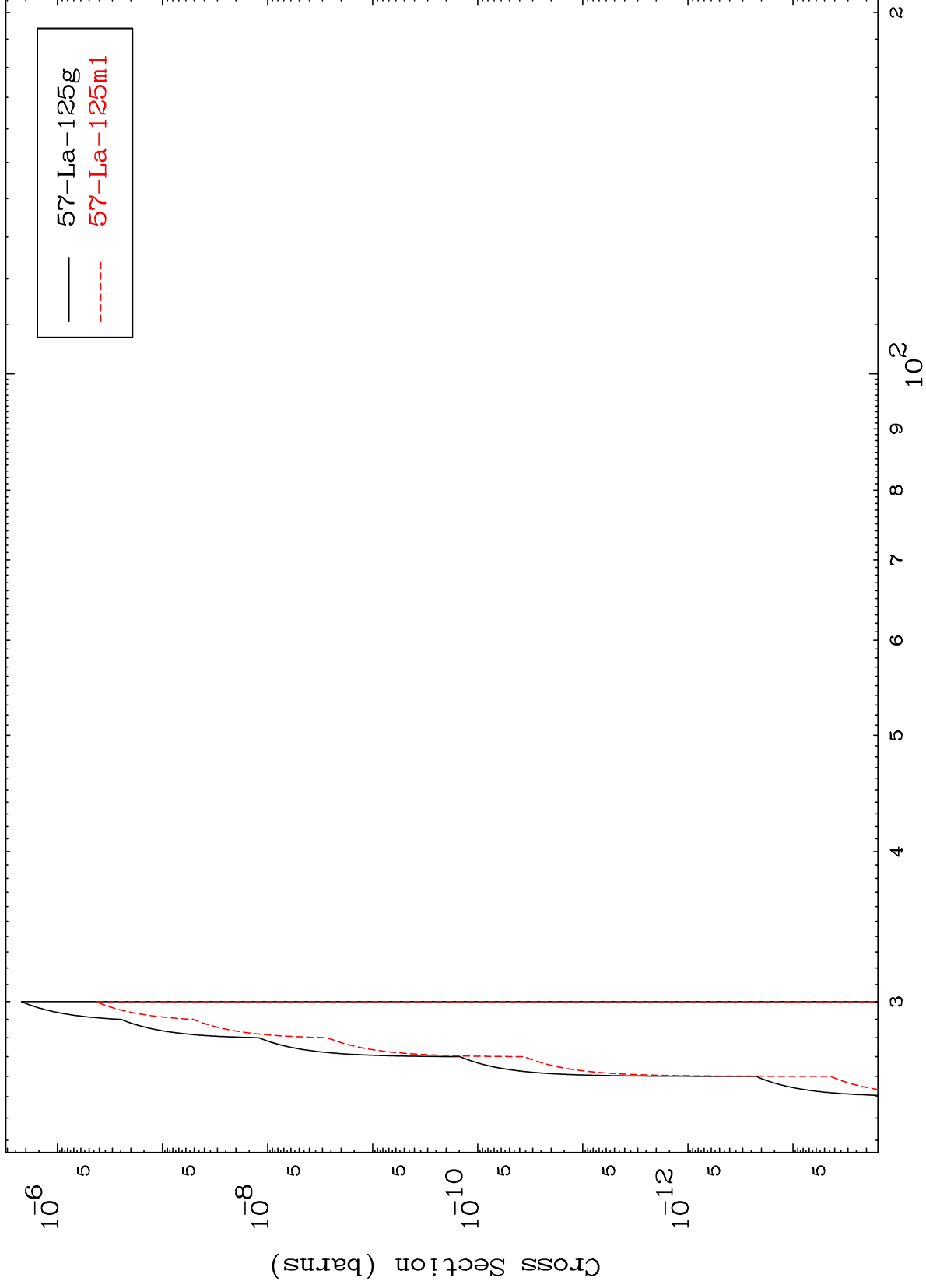


MAT 5801

(n,2n) d

58-Ce-128

Radionuclide Production Cross Section



99

Incident Energy (MeV)

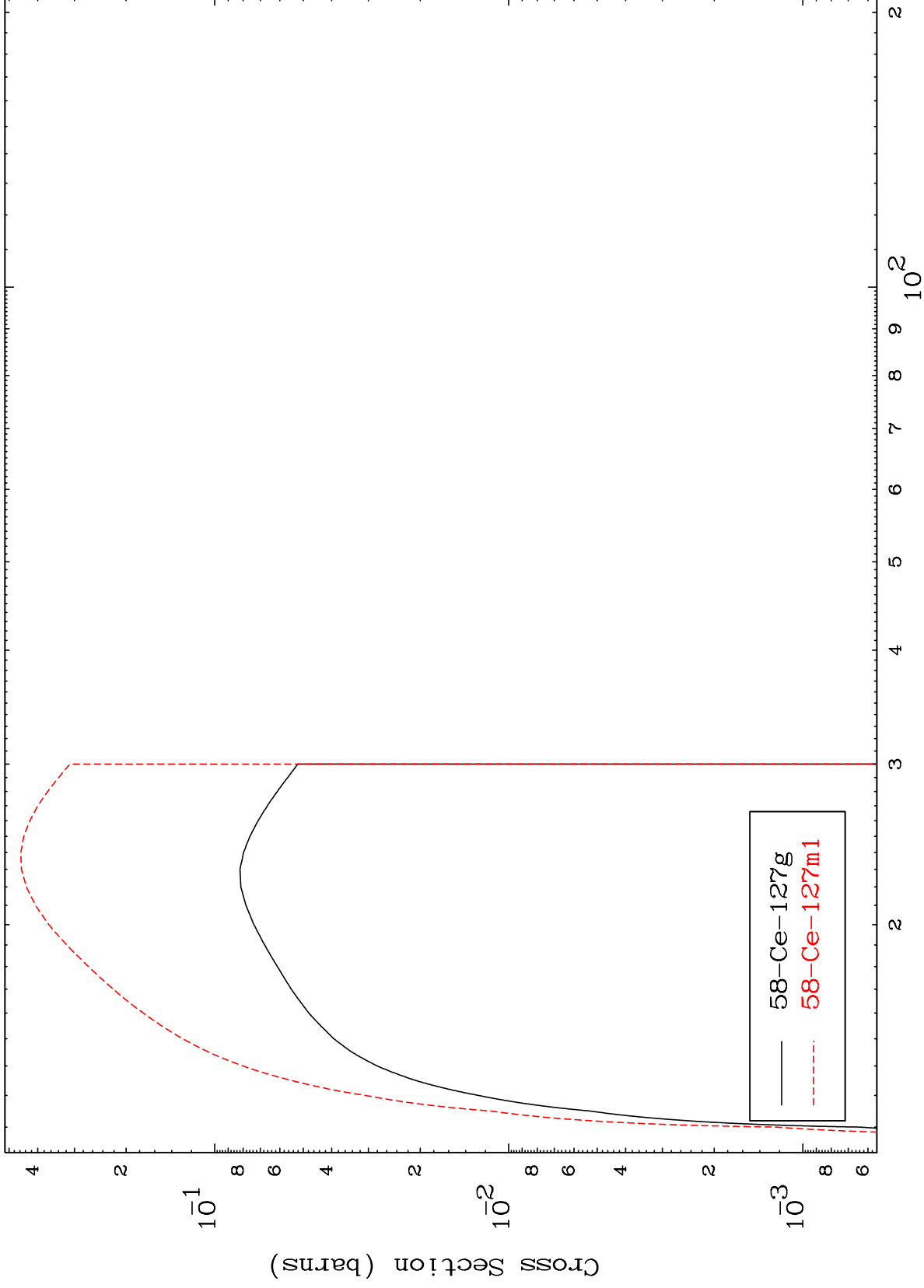
58-Ce-128

MAT 5801

(n,2n)

58-Ce-128

Radionuclide Production Cross Section



100

Incident Energy (MeV)

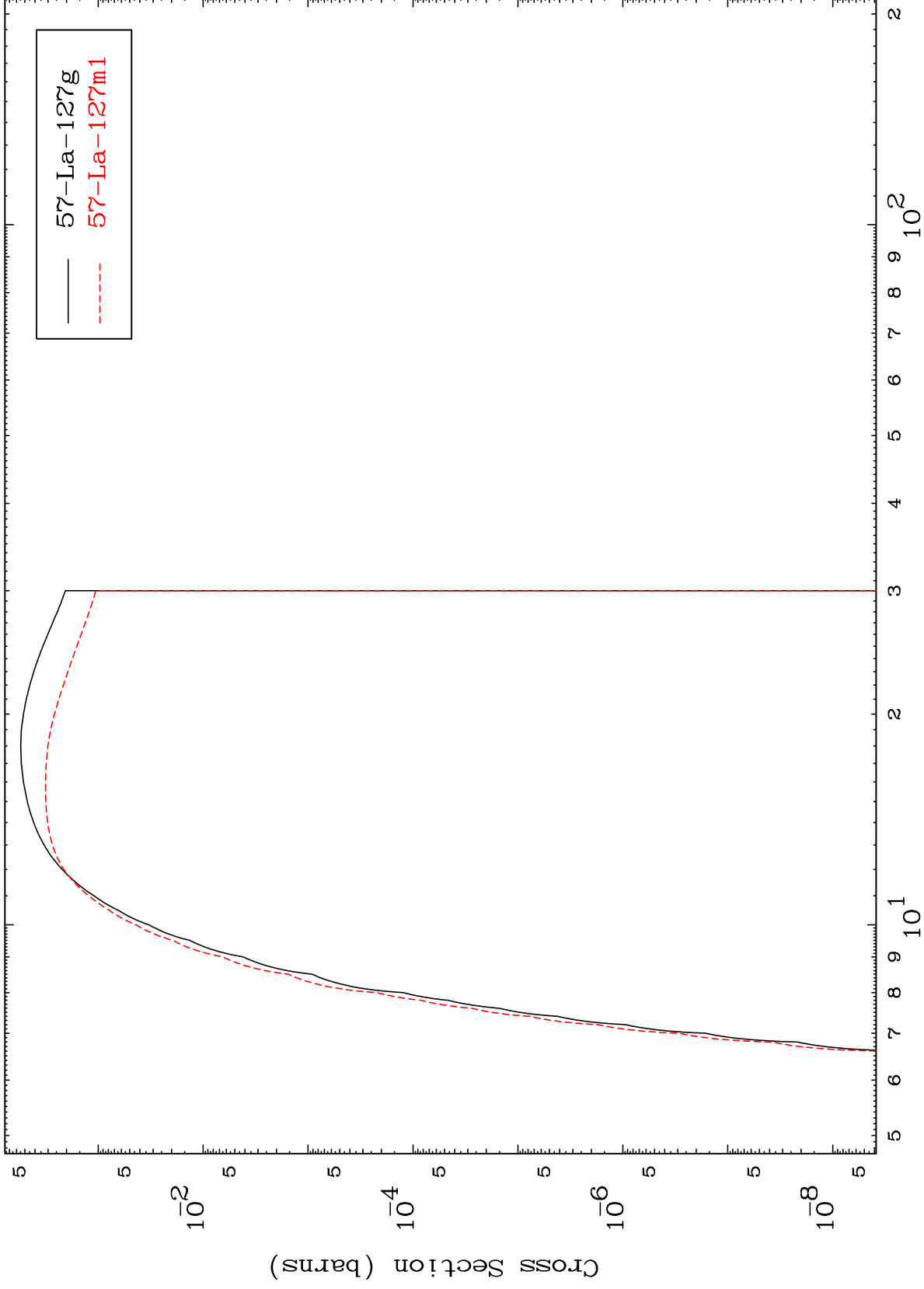
58-Ce-128

MAT 5801

(n,n') p

58-Ce-128

Radionuclide Production Cross Section



101

Incident Energy (MeV)

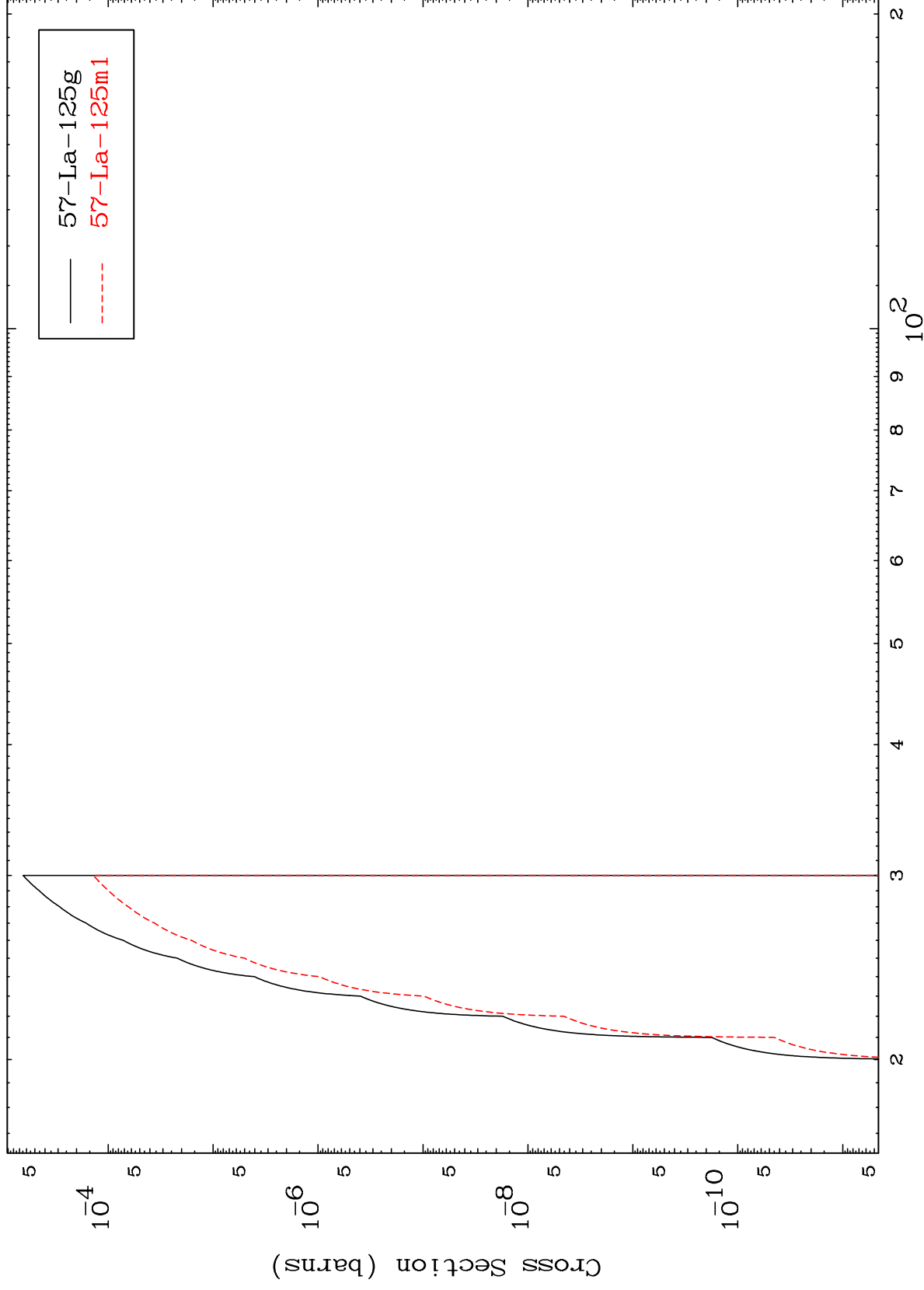
58-Ce-128

MAT 5801

(n,n') t

58-Ce-128

Radionuclide Production Cross Section



102

Incident Energy (MeV)

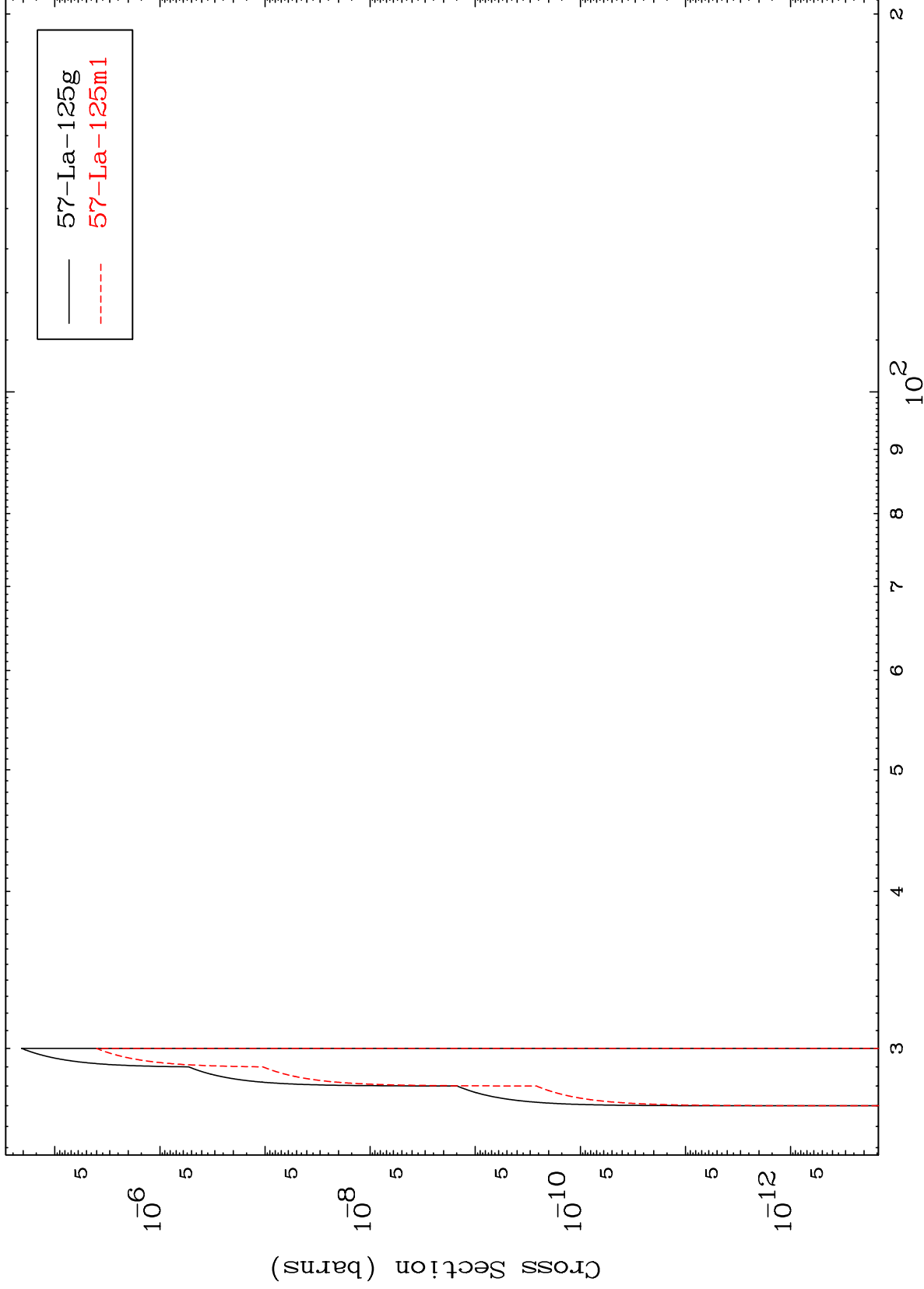
58-Ce-128

MAT 5801

(n,3n) p

58-Ce-128

Radionuclide Production Cross Section



103

Incident Energy (MeV)

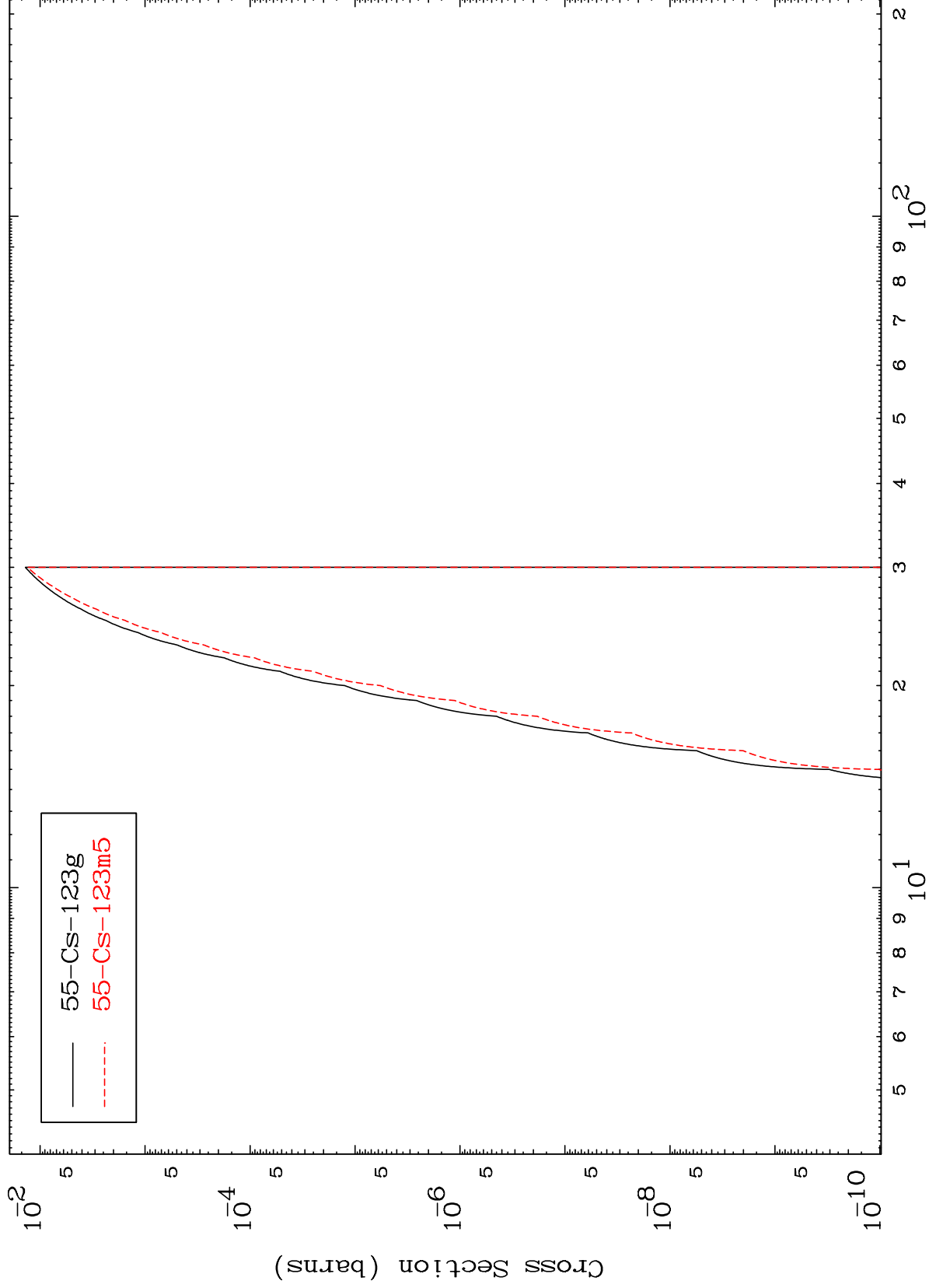
58-Ce-128

MAT 5801

(n,n') p α

58-Ce-128

Radionuclide Production Cross Section



104

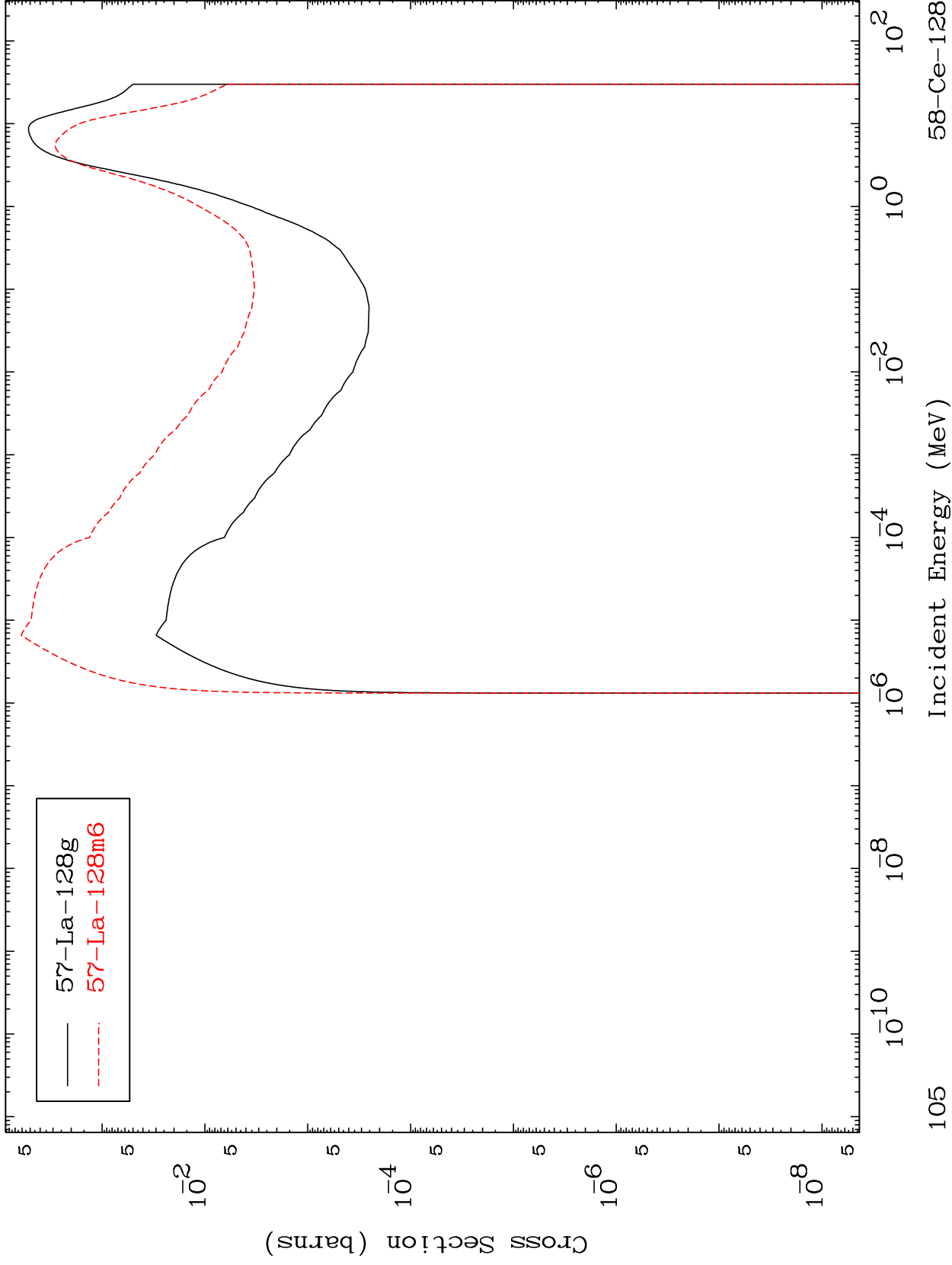
Incident Energy (MeV)

58-Ce-128

MAT 5801

58-Ce-128

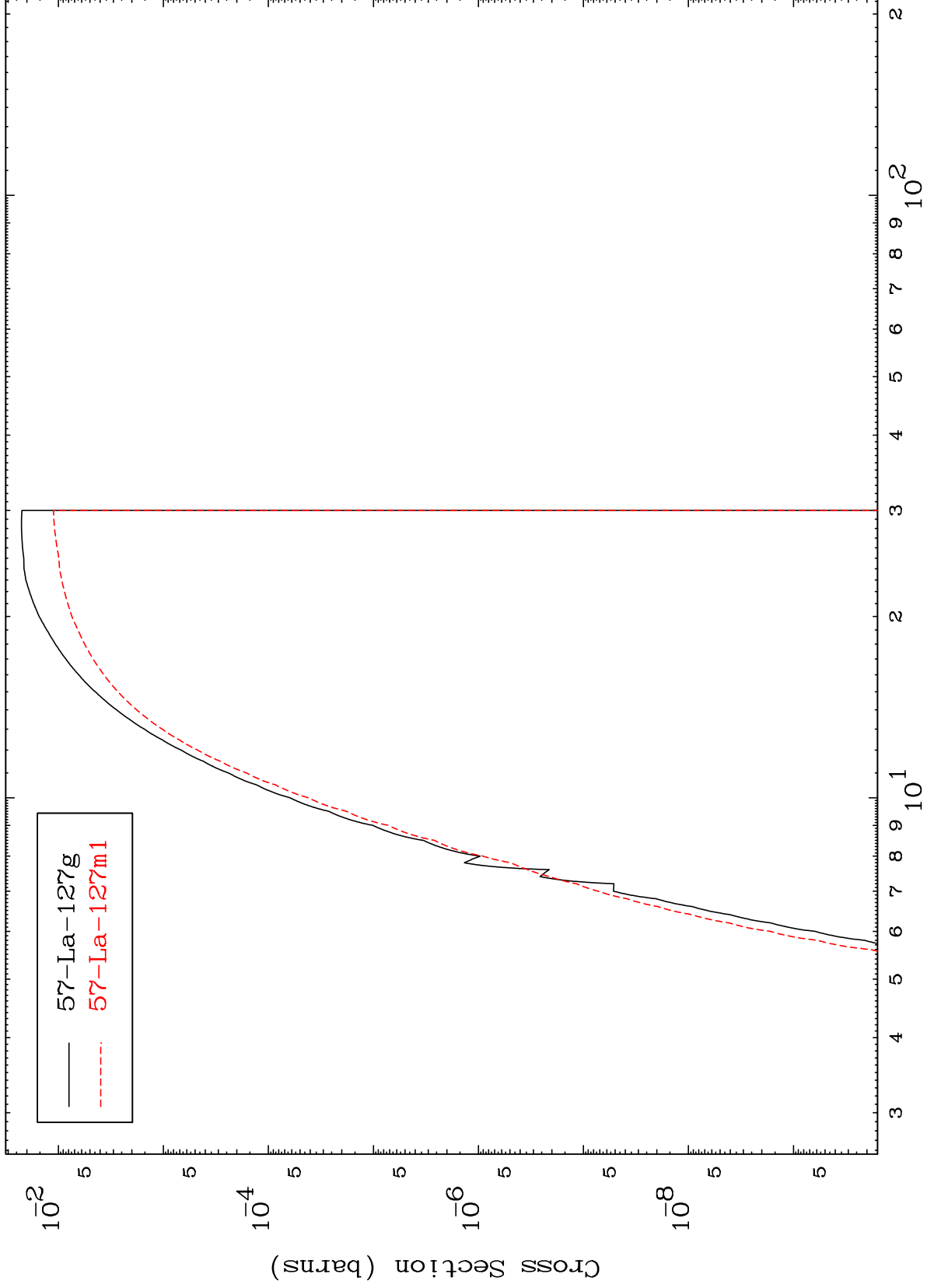
(n,p)
Radionuclide Production Cross Section



MAT 5801

58-Ce-128

(n,d)
Radionuclide Production Cross Section



106

Incident Energy (MeV)

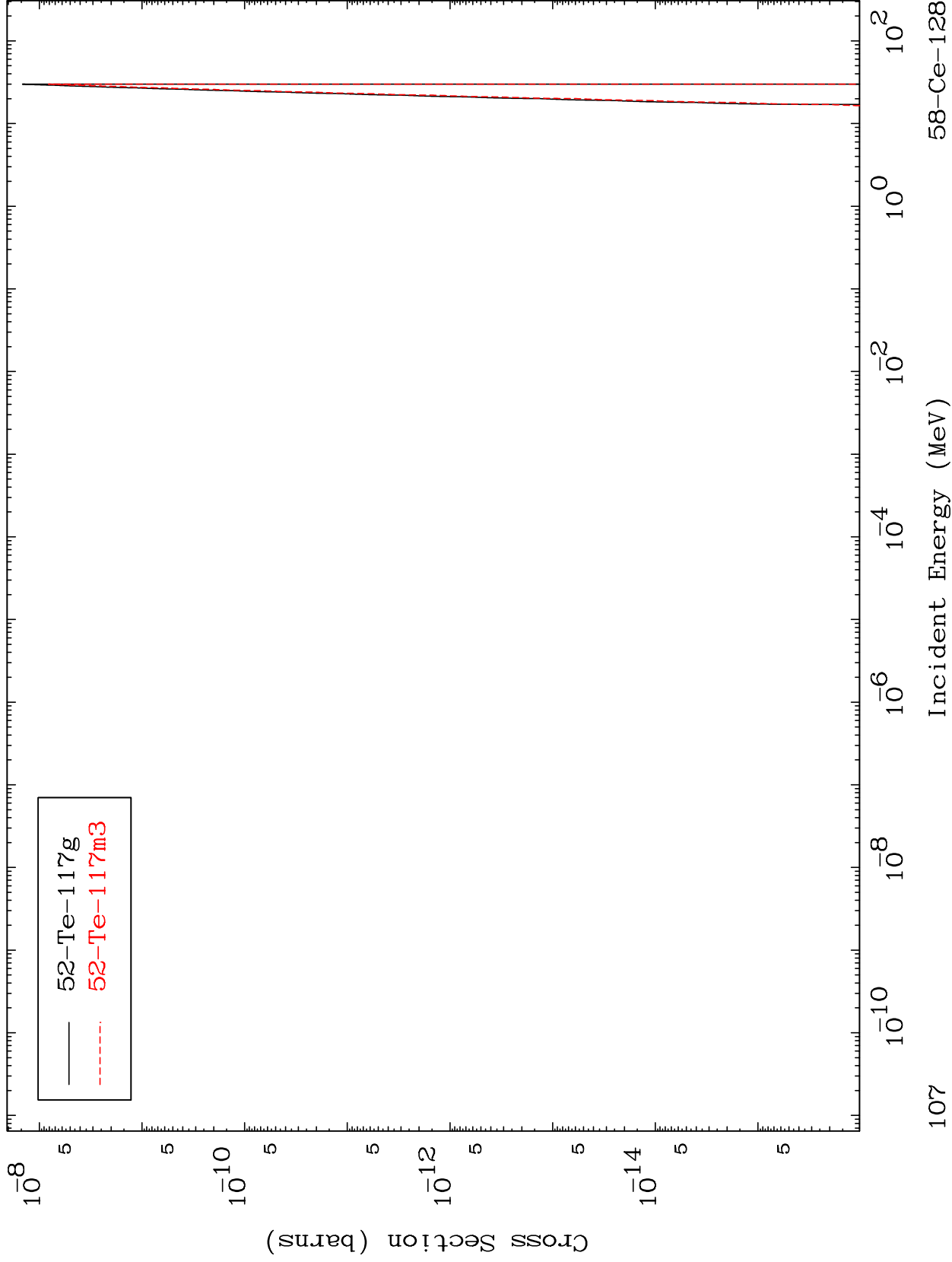
58-Ce-128

MAT 5801

(n,3 α)

58-Ce-128

Radionuclide Production Cross Section



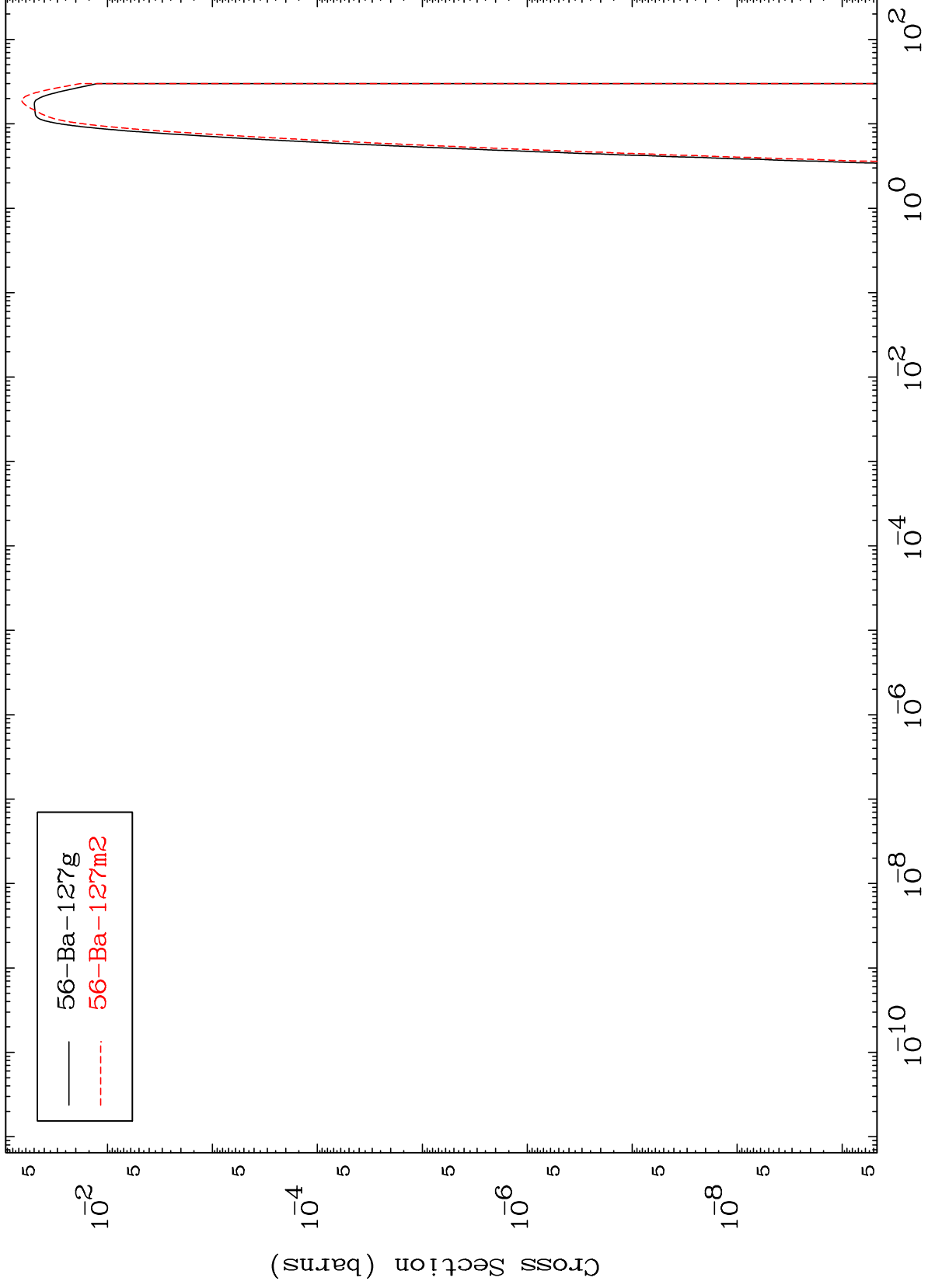
107

MAT 5801

(n,2p)

58-Ce-128

Radionuclide Production Cross Section

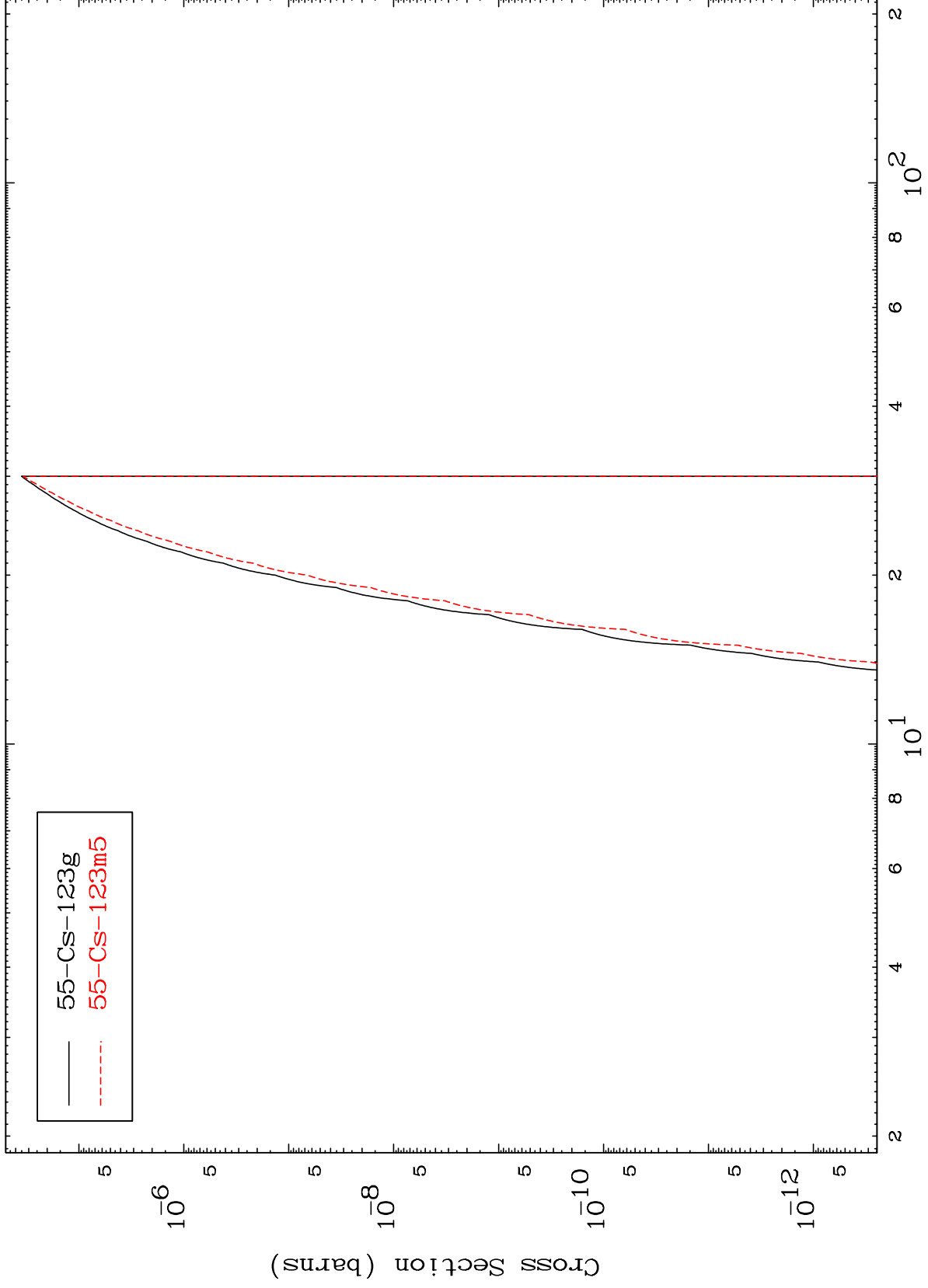


MAT 5801

(n,d) α

58-Ce-128

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

109

Incident Energy (MeV)

58-Ce-128