

Program EVALPLOT
(Version 2021-1)

by

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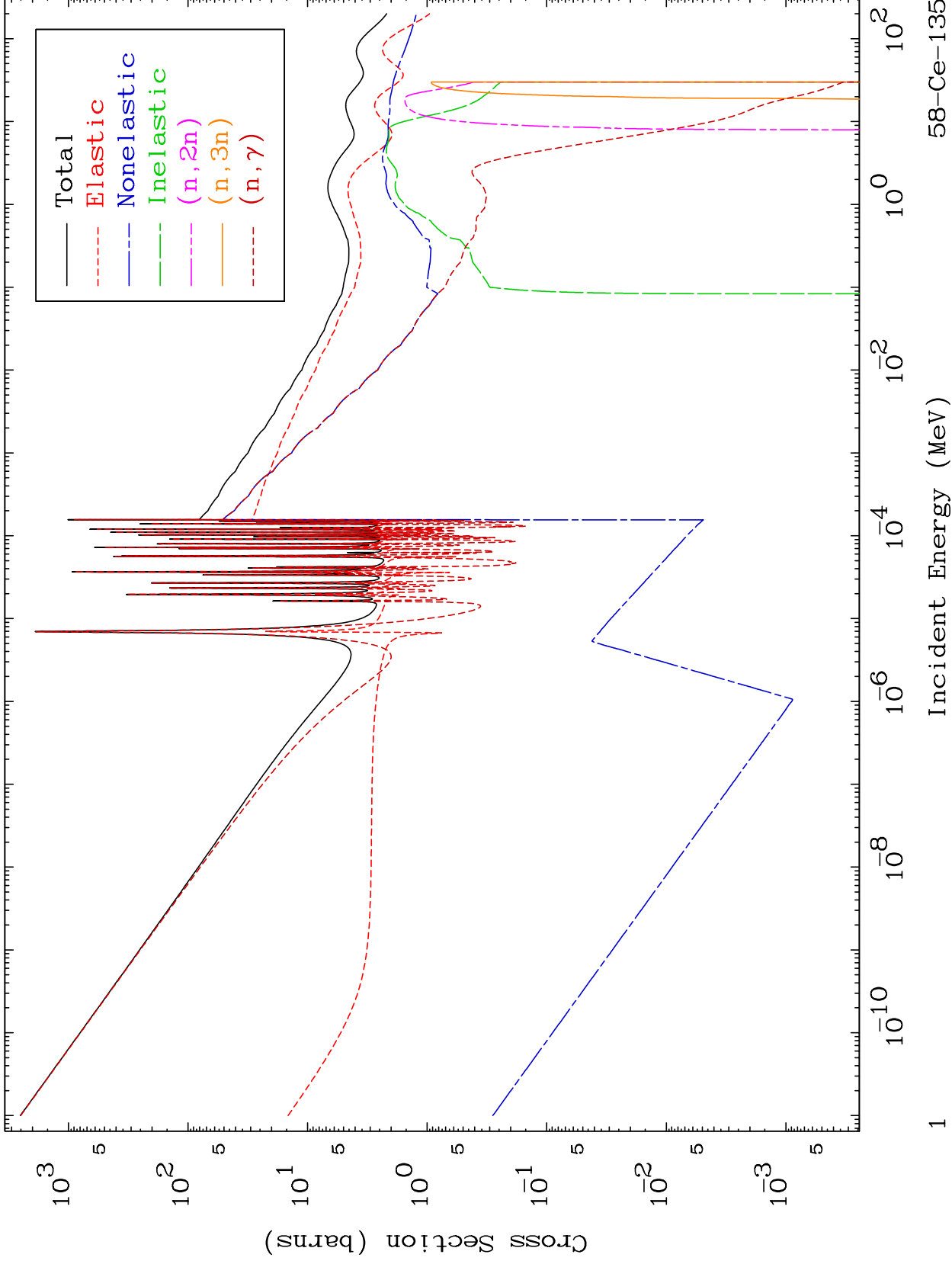
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5822

Neutron Major
293 Kelvin Cross Sections

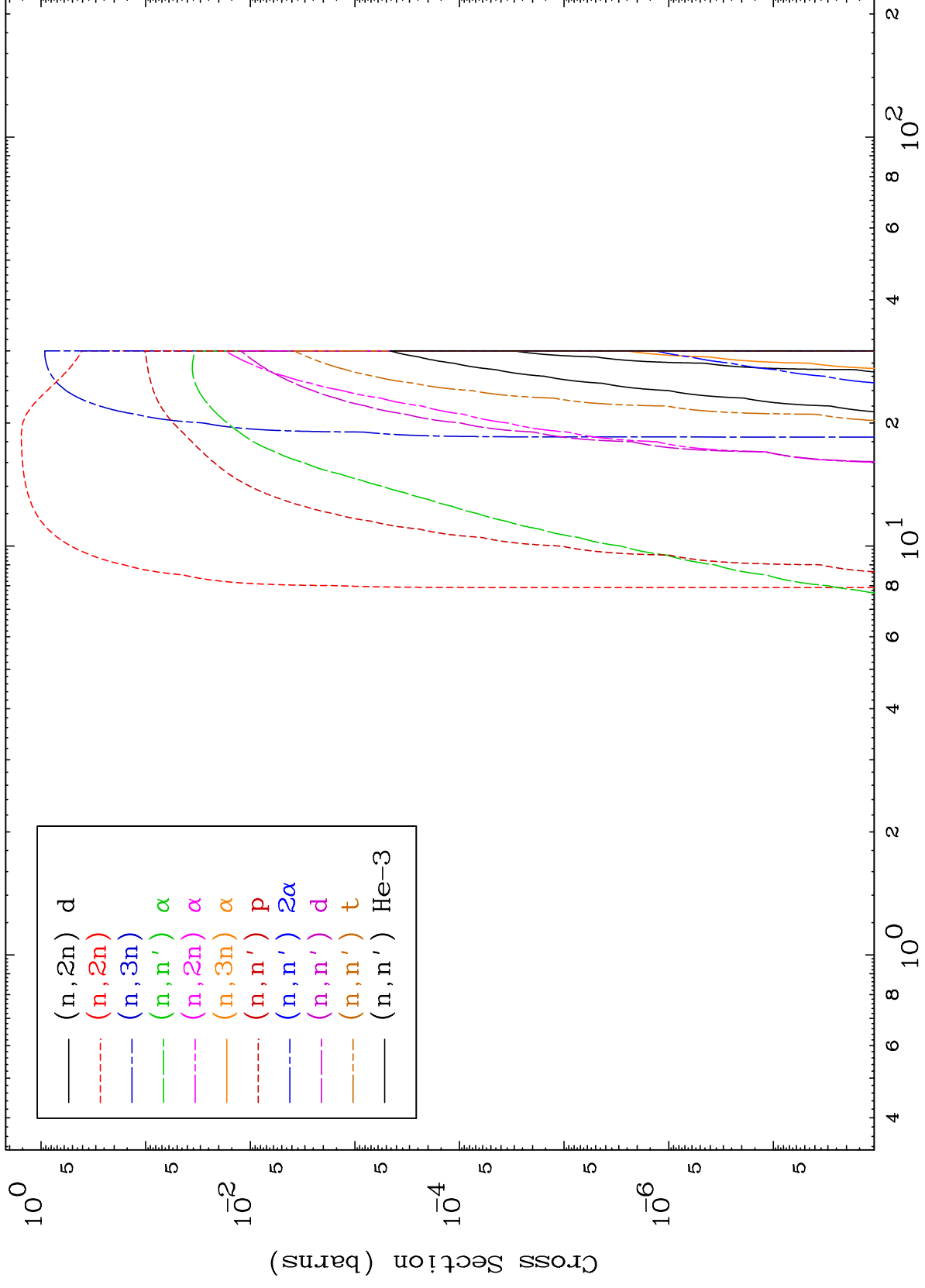
58-Ce-135



MAT 58222

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-135



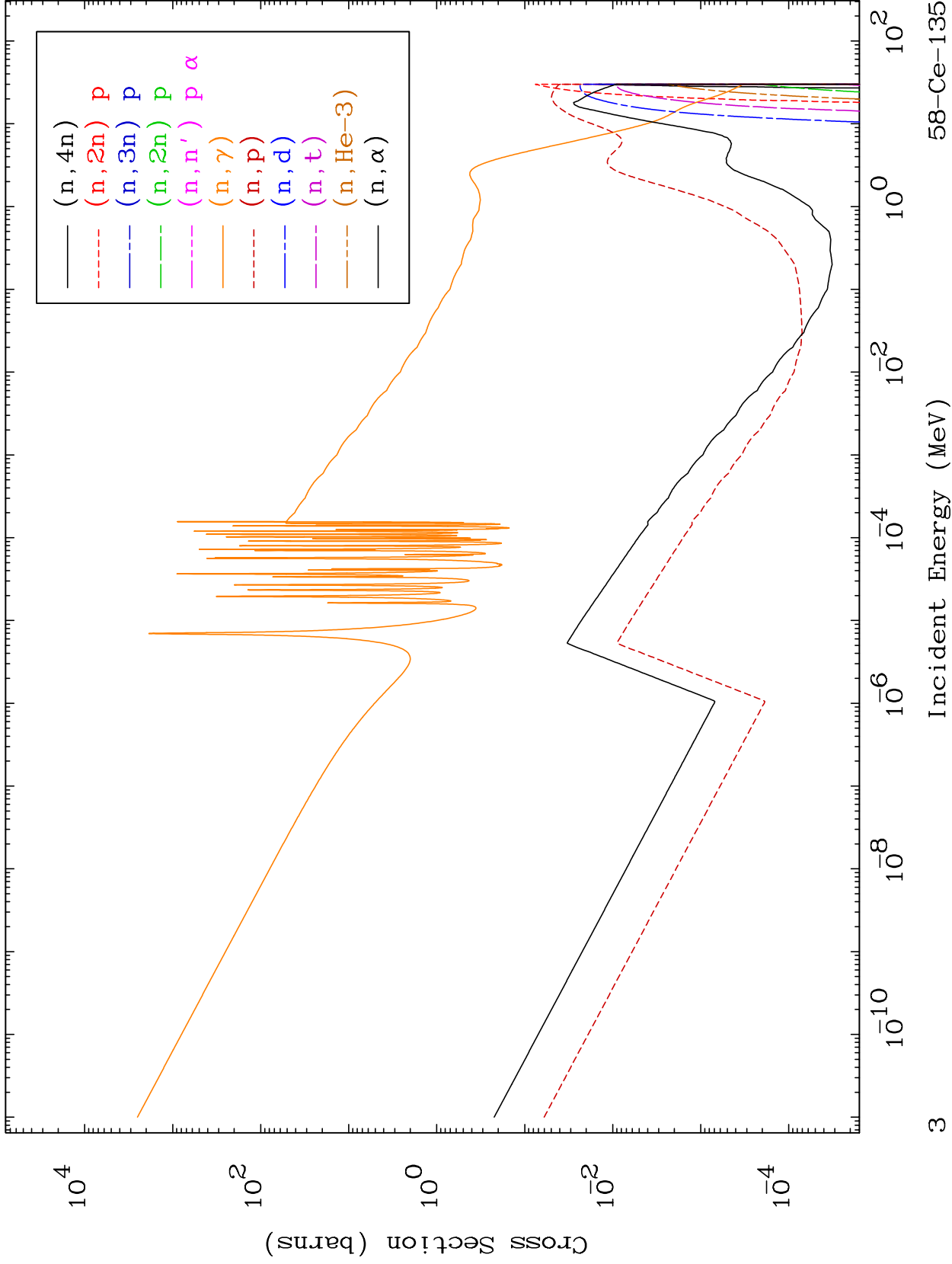
Incident Energy (MeV)

58-Ce-135

MAT 5822

Neutron Absorption
293 Kelvin Cross Sections

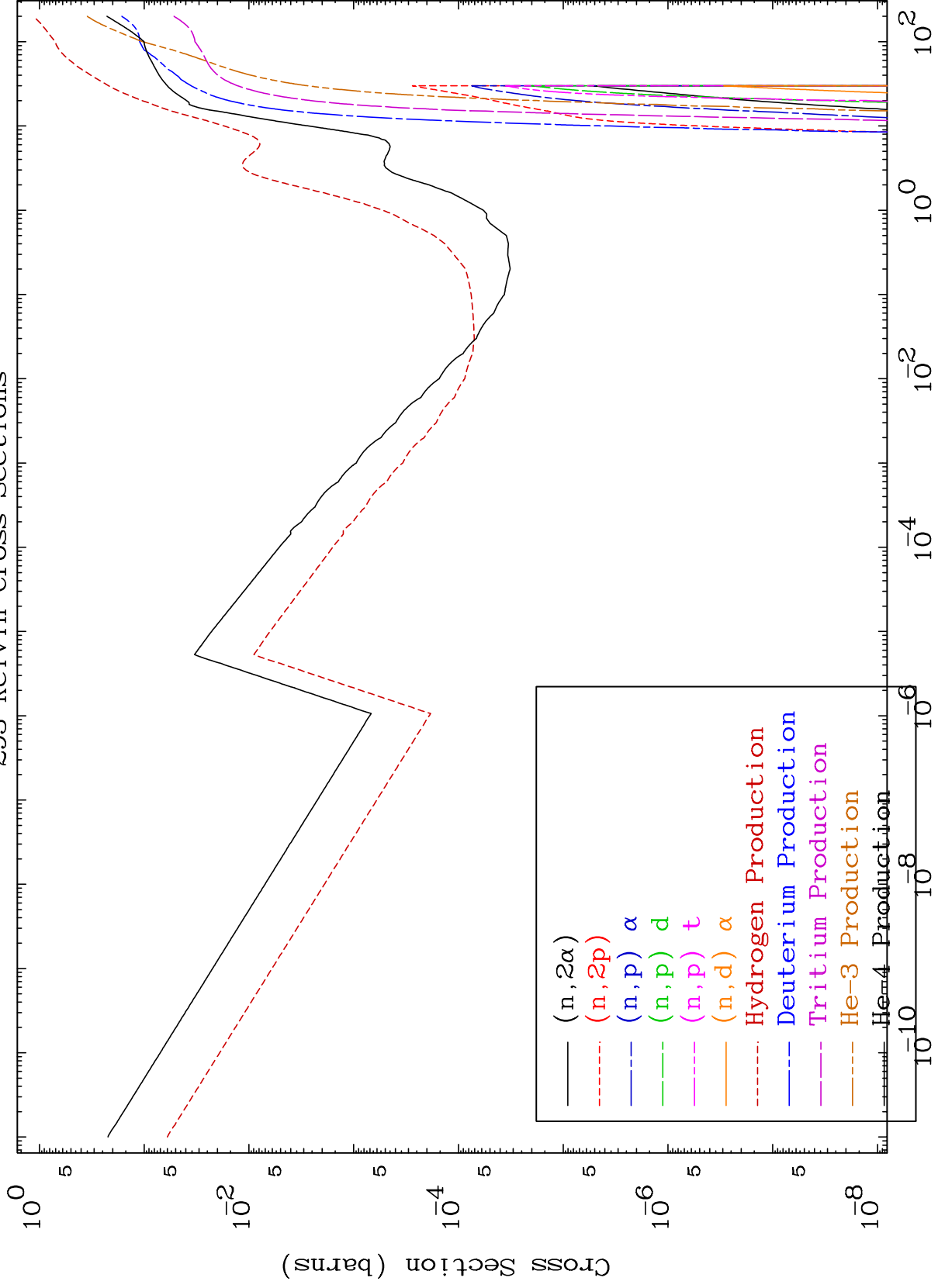
58-Ce-135



MAT 58222

Neutron Absorption
293 Kelvin Cross Sections

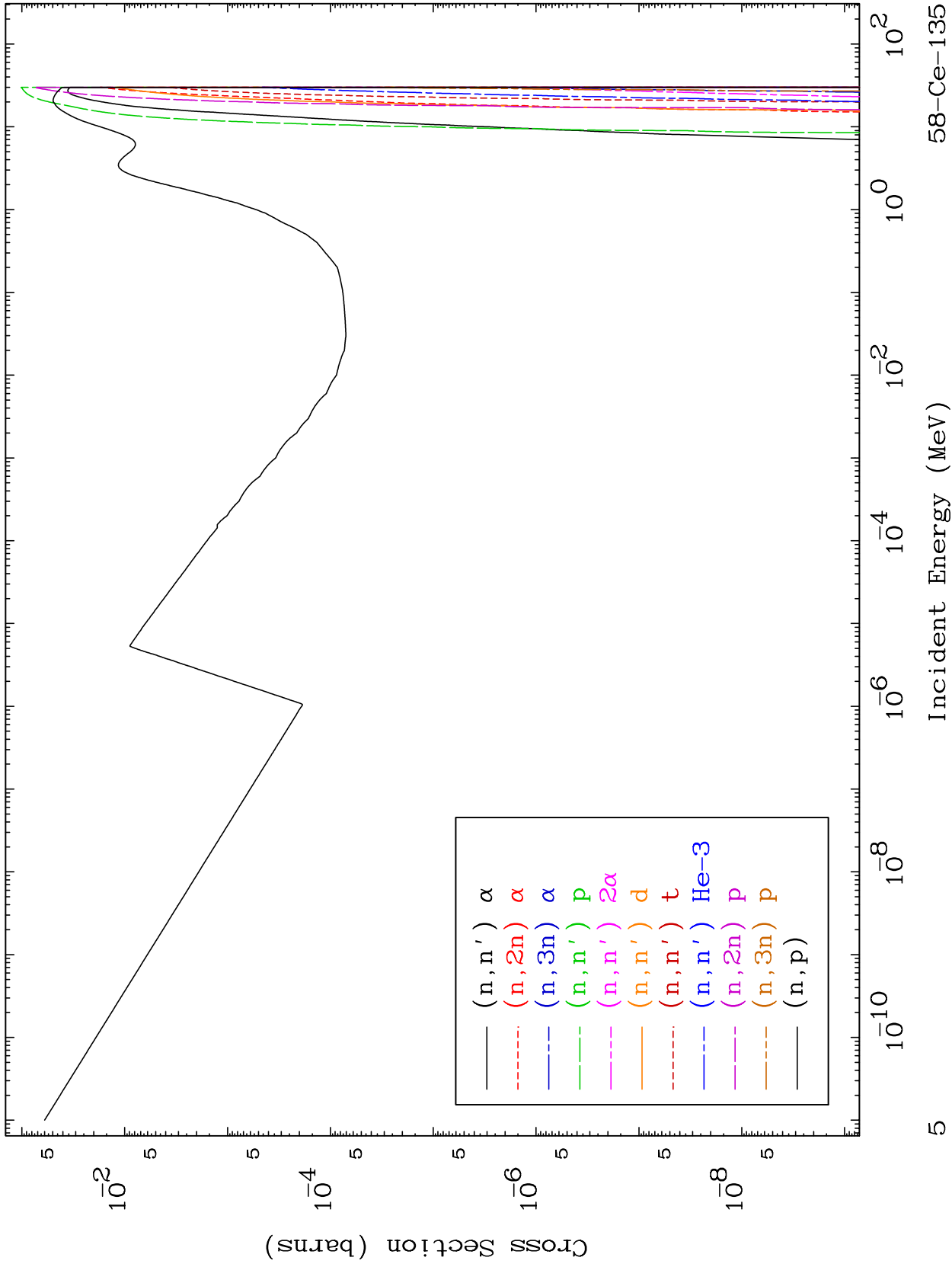
58-Ce-135



MAT 58222

Charged Particle
293 Kelvin Cross Sections

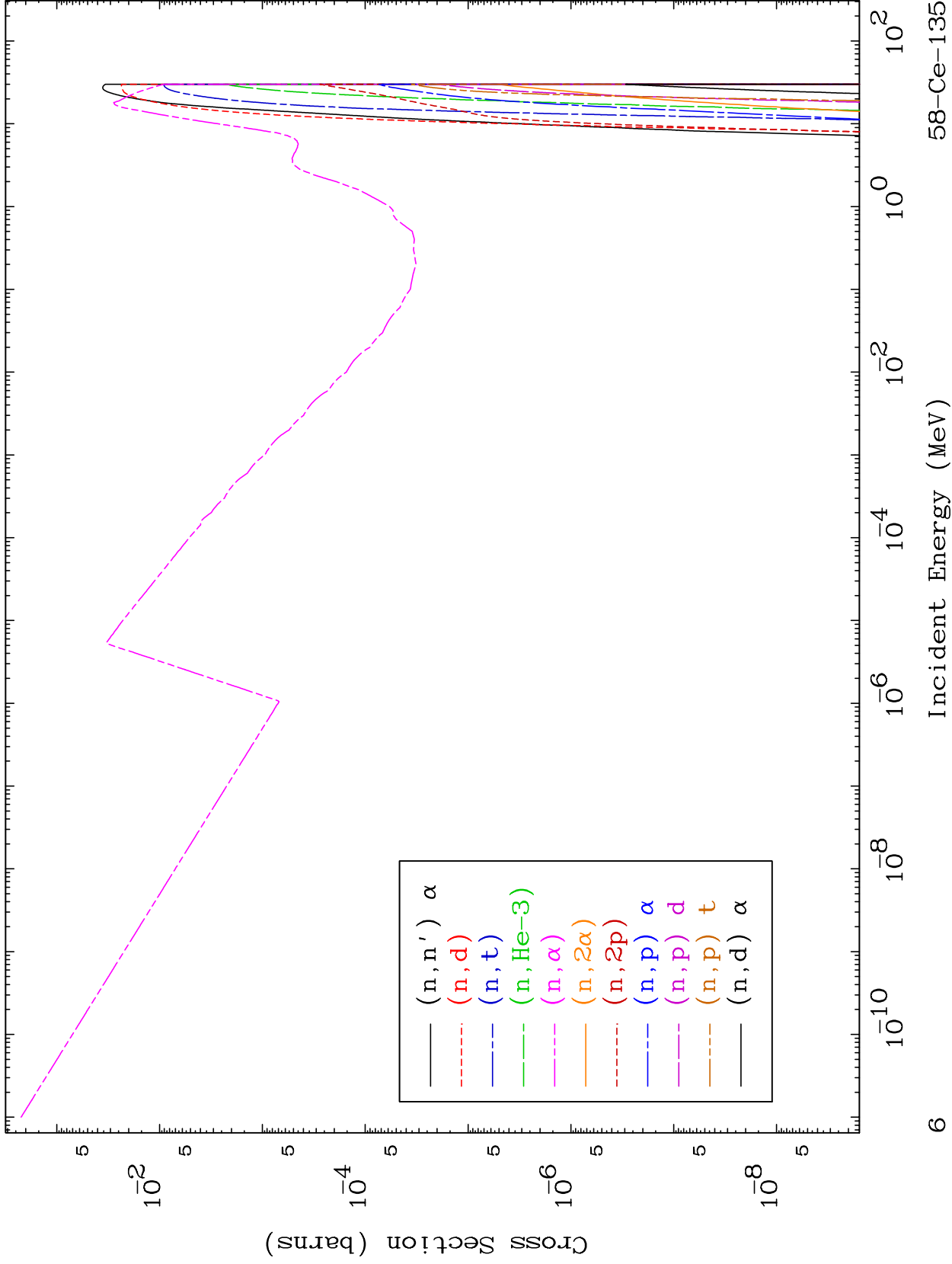
58-Ce-135



MAT 58222

Charged Particle
293 Kelvin Cross Sections

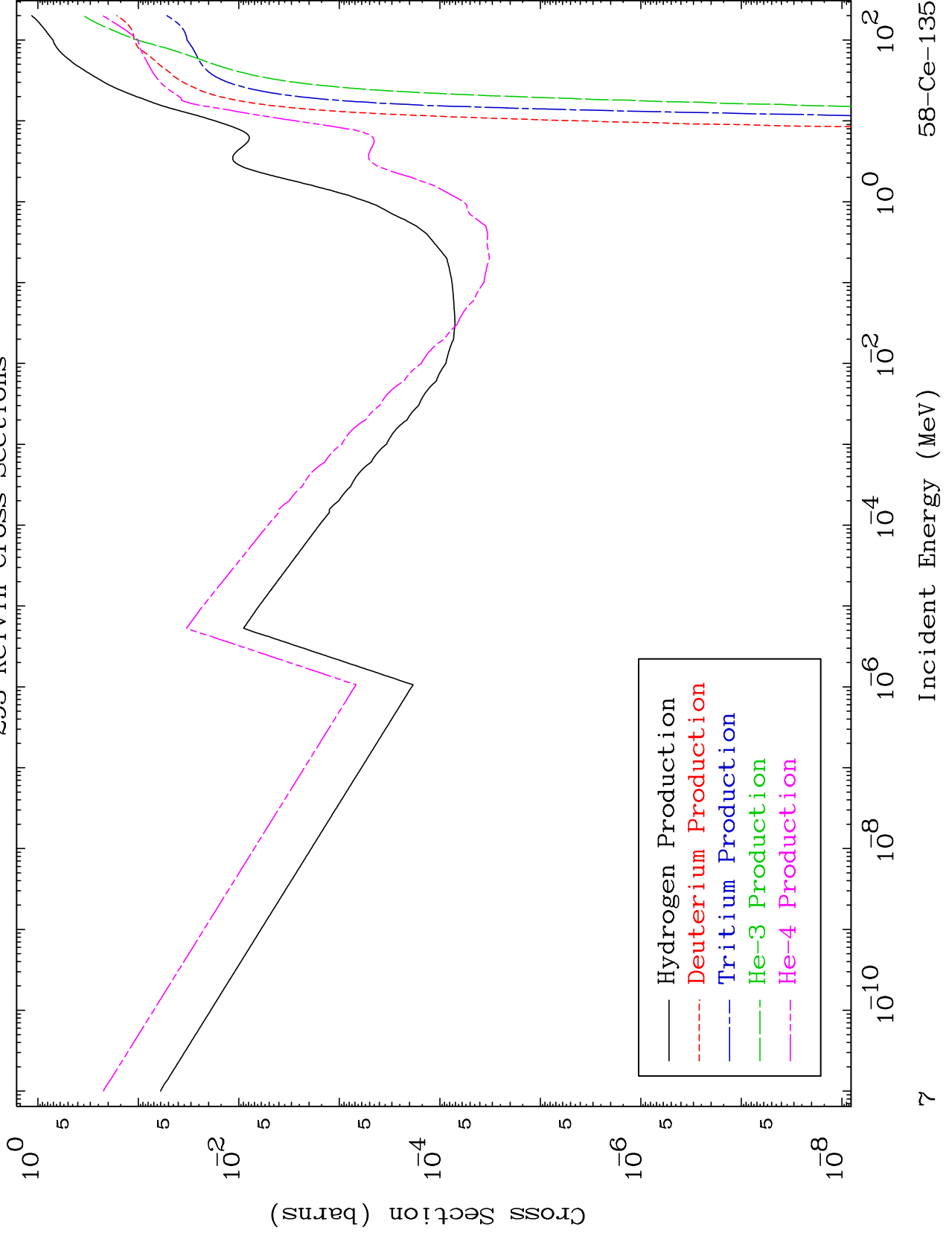
58-Ce-135



MAT 58222

Particle Production
293 Kelvin Cross Sections

58-Ce-135

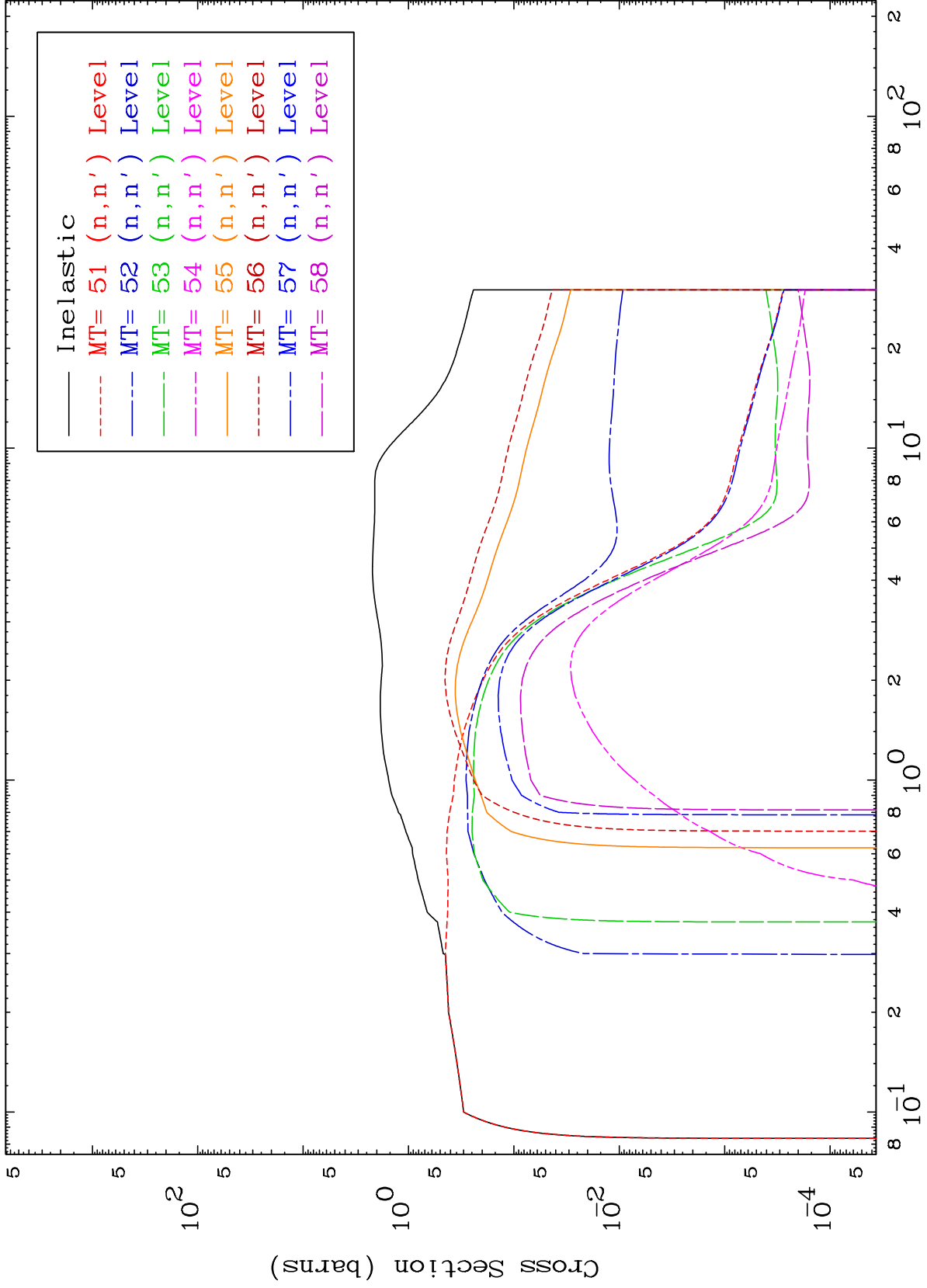


MAT 5822

(n,n') Levels

58-Ce-135

293 Kelvin Cross Sections



Incident Energy (MeV)

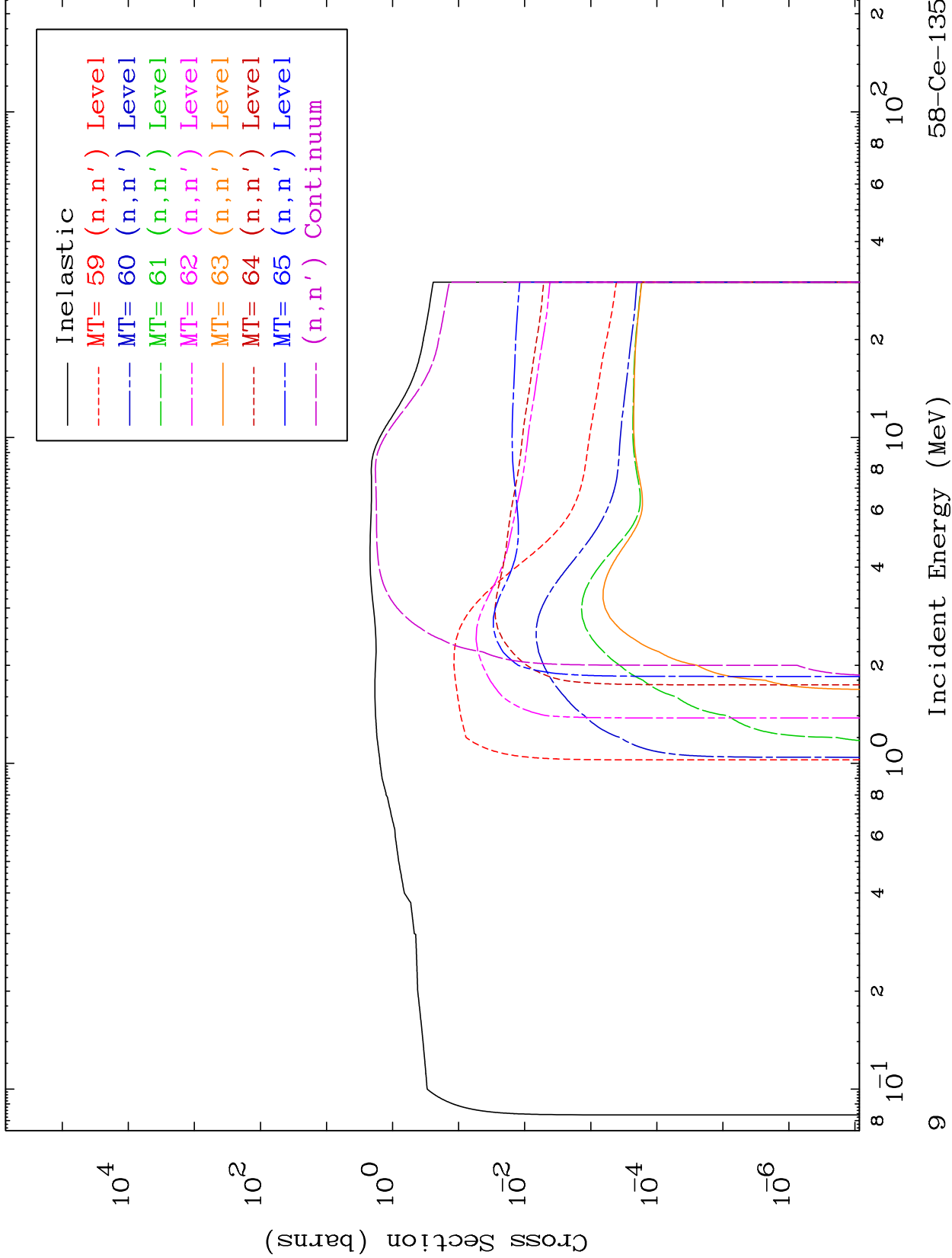
58-Ce-135

8

MAT 58222

(n,n') Levels
293 Kelvin Cross Sections

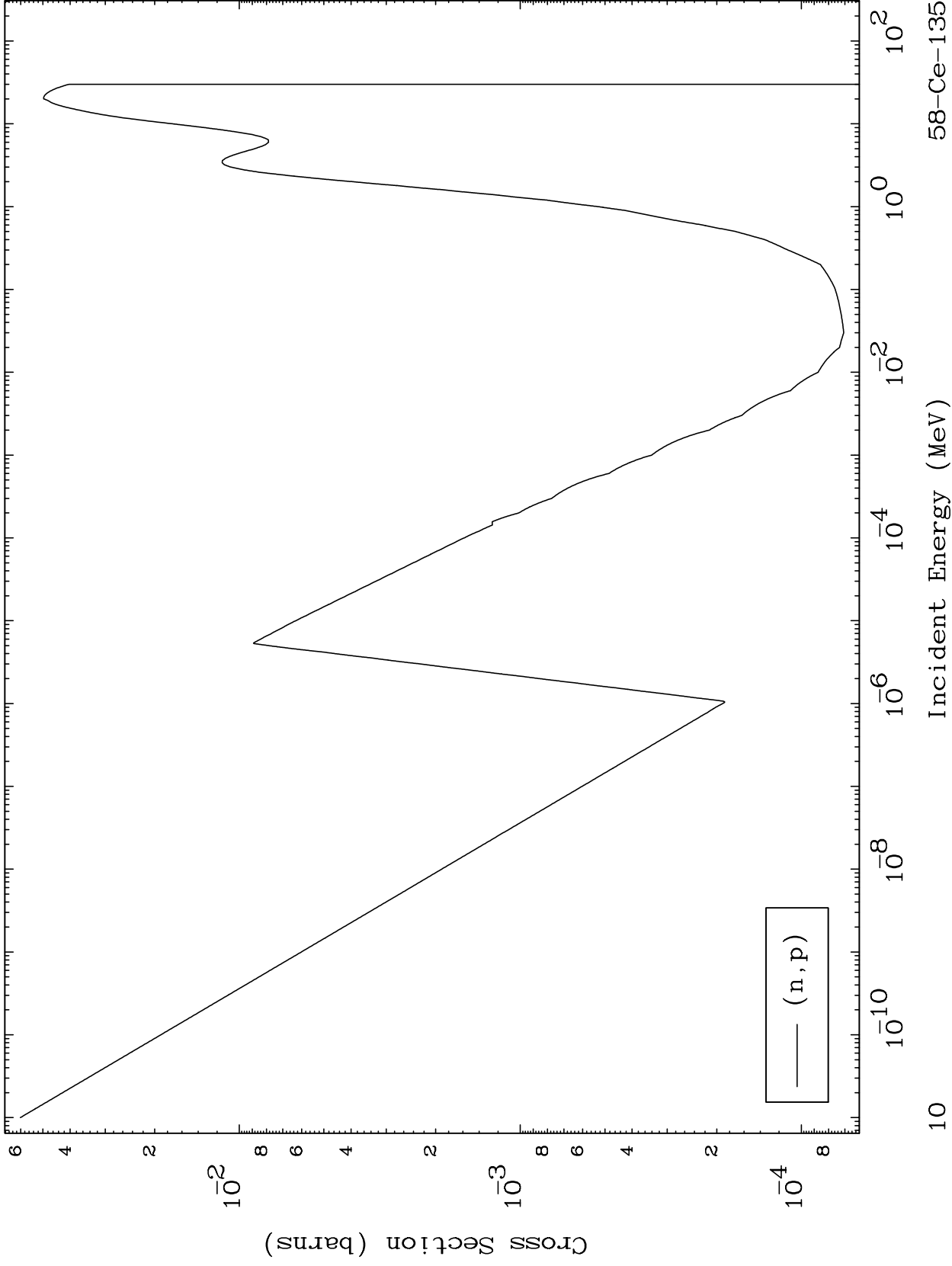
58-Ce-135



MAT 58222

(n,p) Levels
293 Kelvin Cross Sections

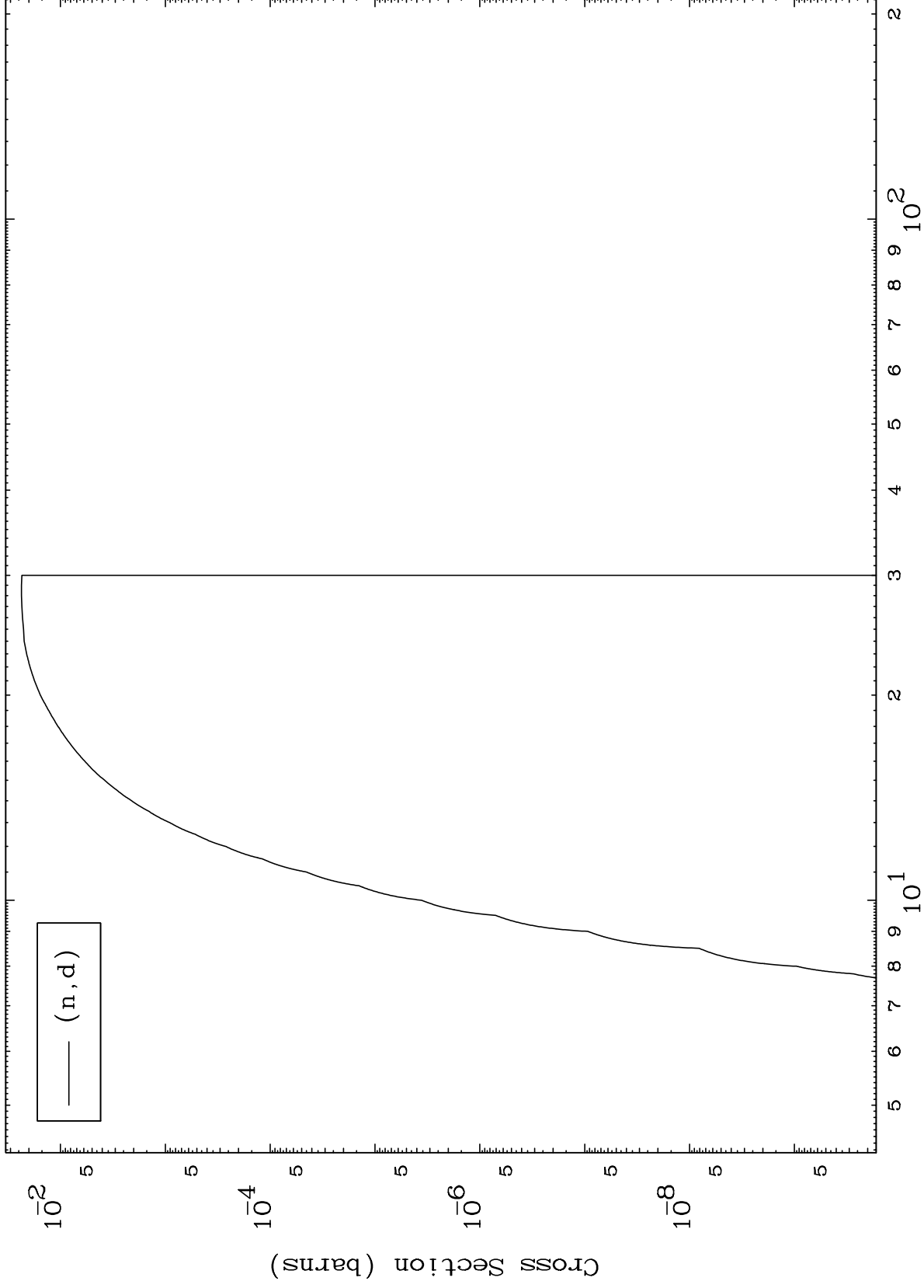
58-Ce-135



MAT 58222

(n,d) Levels
293 Kelvin Cross Sections

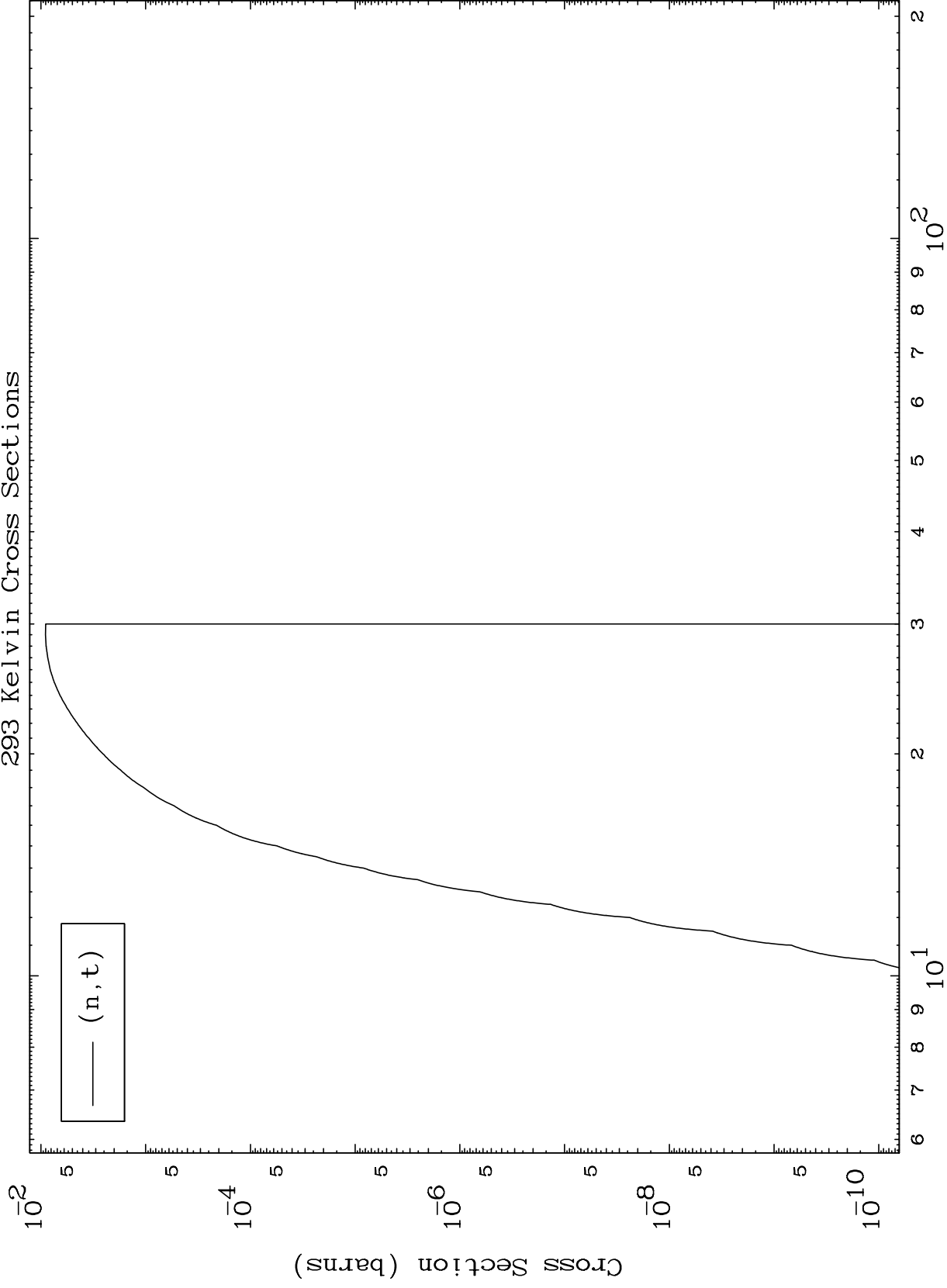
58-Ce-135



MAT 58222

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-135



12

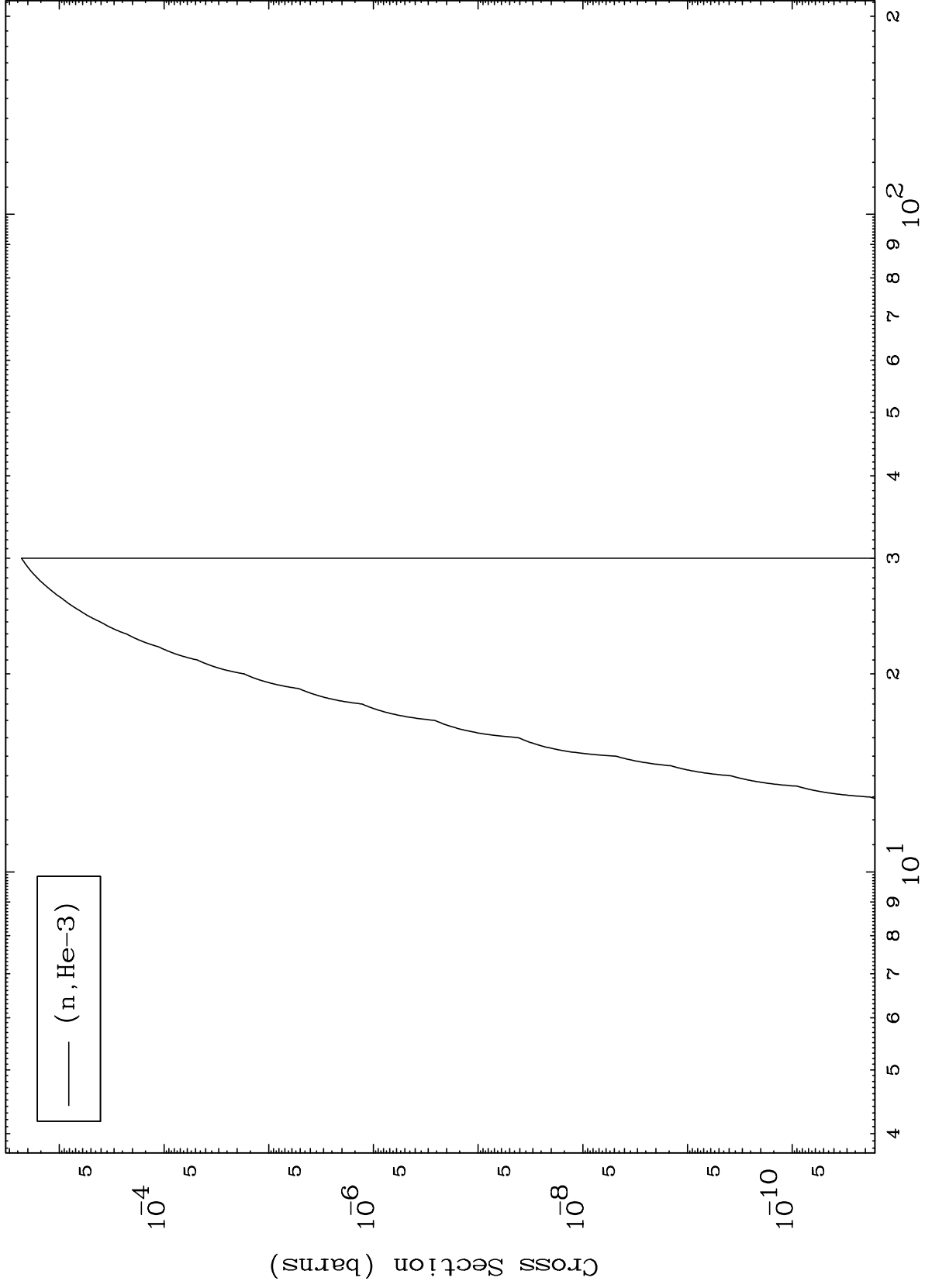
Incident Energy (MeV)

58-Ce-135

MAT 58222

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-135



13

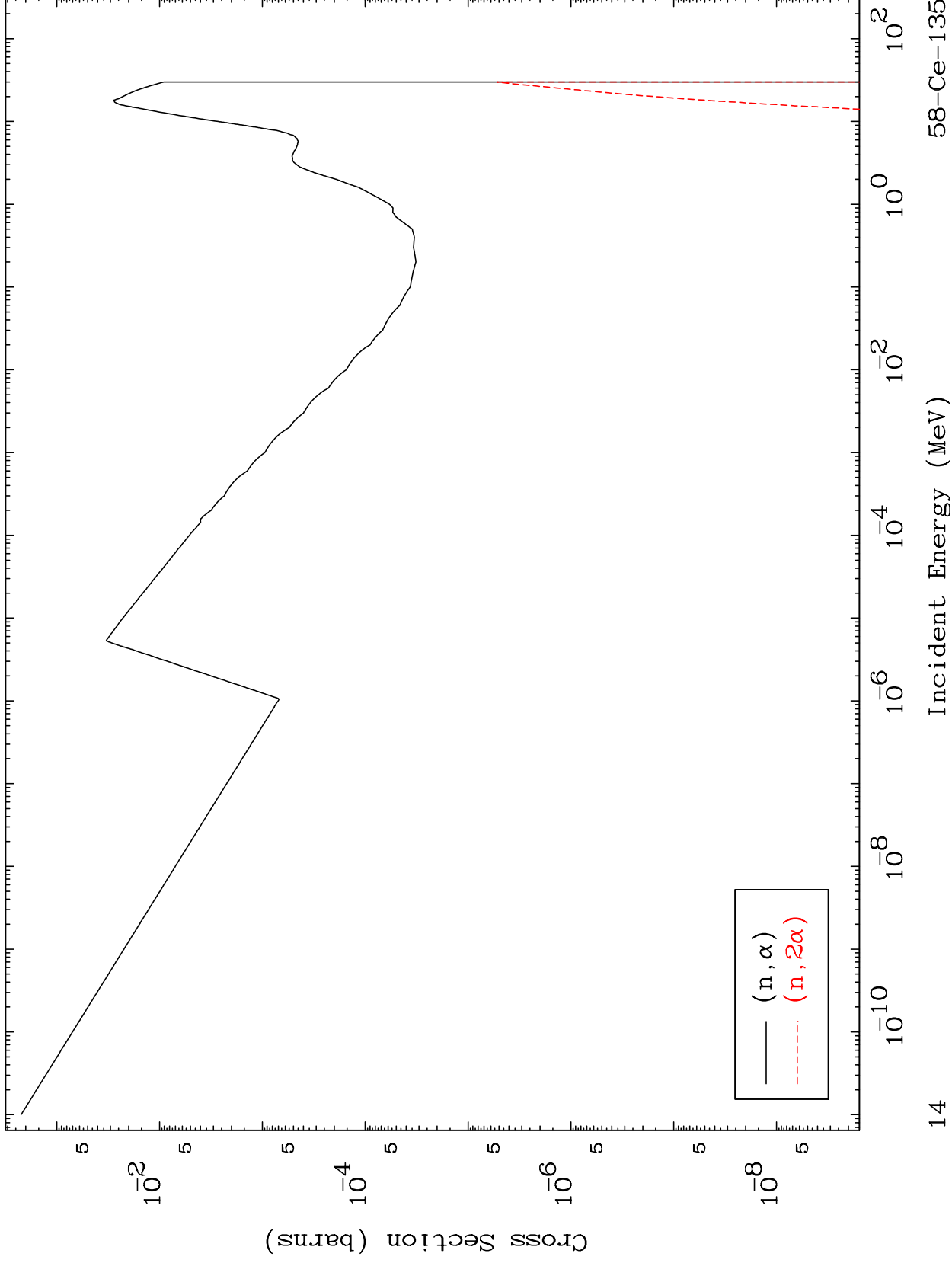
Incident Energy (MeV)

58-Ce-135

MAT 58222

(n, α) Levels
293 Kelvin Cross Sections

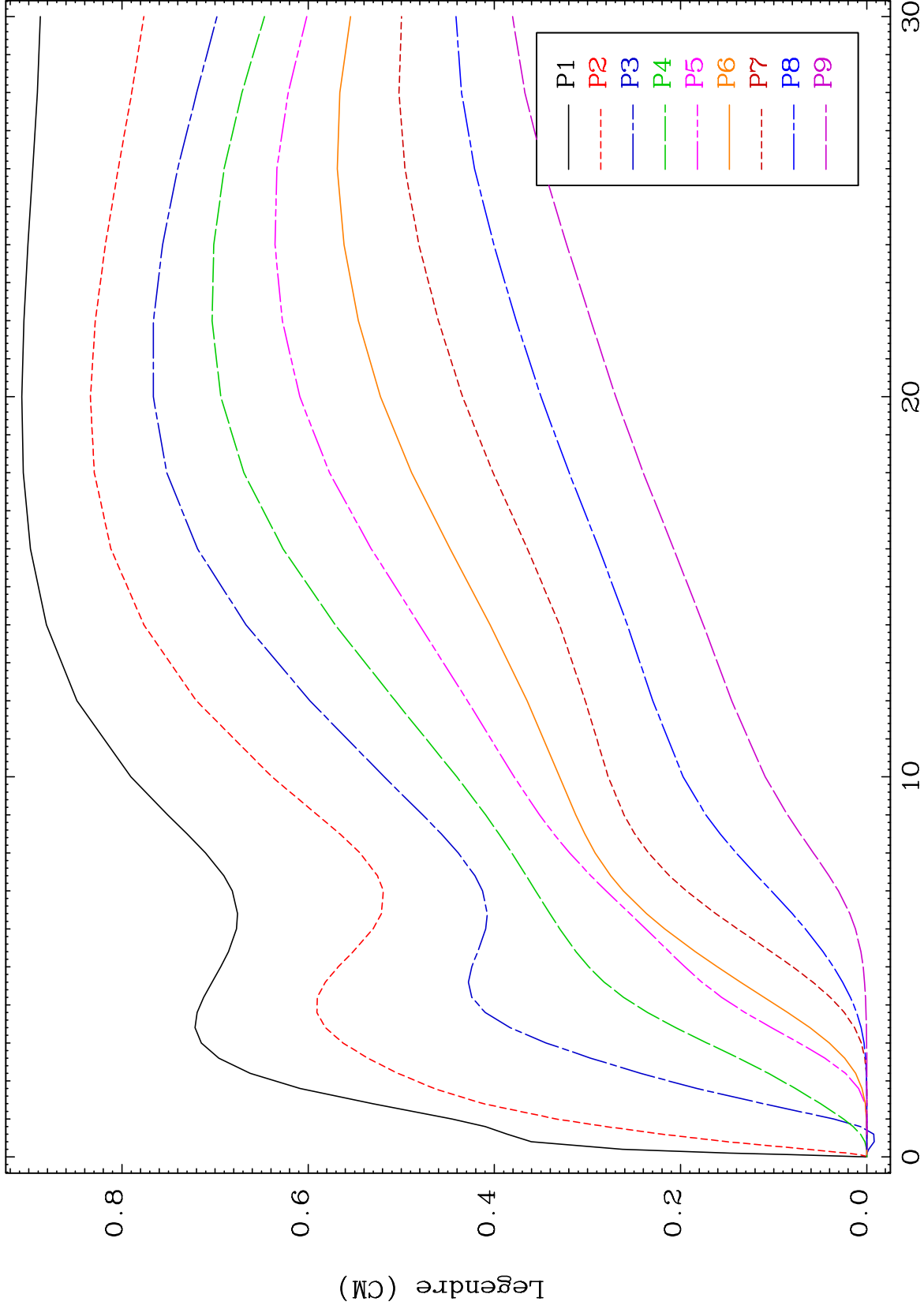
58-Ce-135



MAT 5822

Elastic Legendre Coefficients

58-Ce-135



15

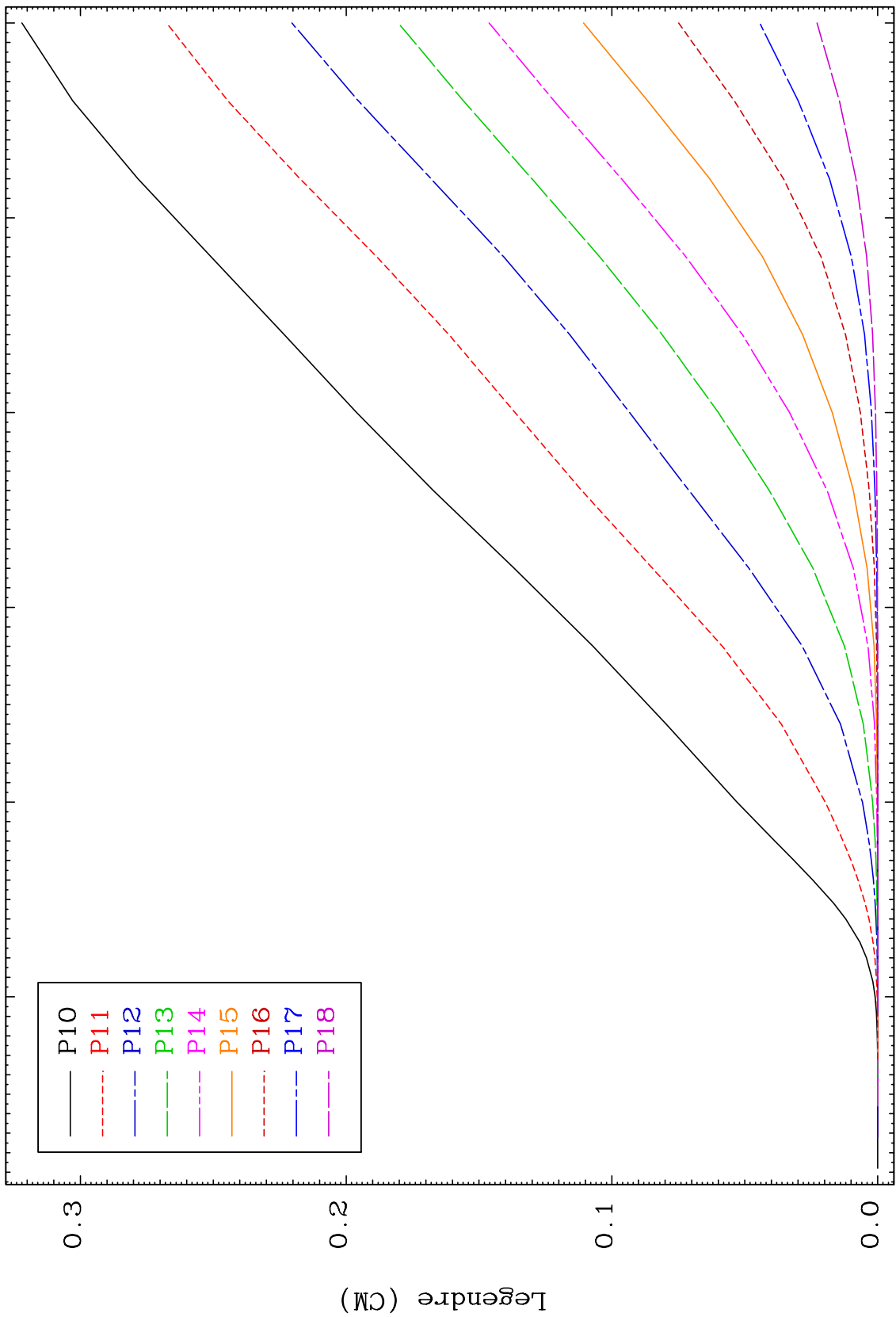
Incident Energy (MeV)

58-Ce-135

MAT 5822

Elastic Legendre Coefficients

58-Ce-135



16

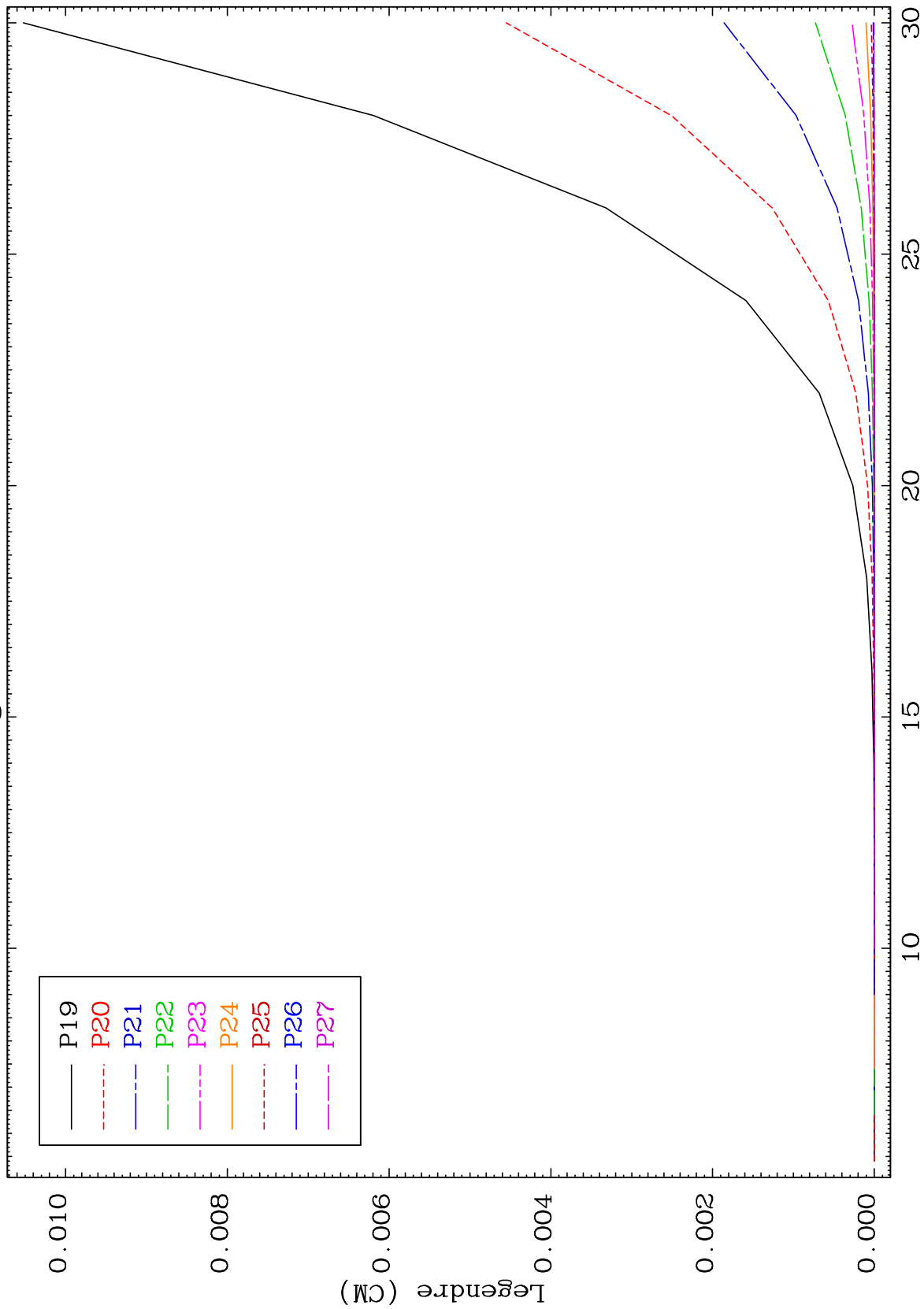
Incident Energy (MeV)

58-Ce-135

MAT 58222

Elastic Legendre Coefficients

58-Ce-135



17

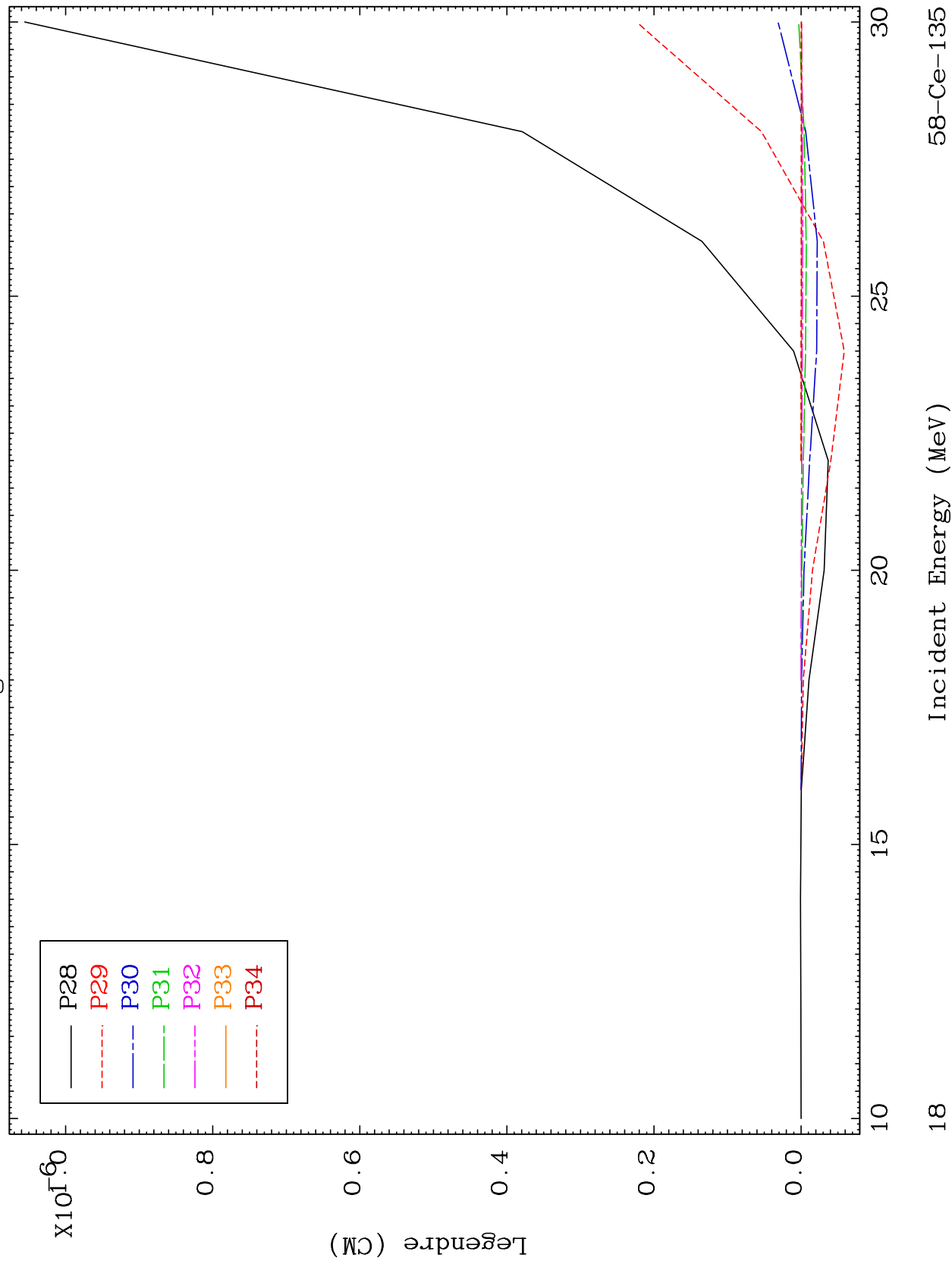
Incident Energy (MeV)

58-Ce-135

MAT 58222

Elastic Legendre Coefficients

58-Ce-135



58-Ce-135

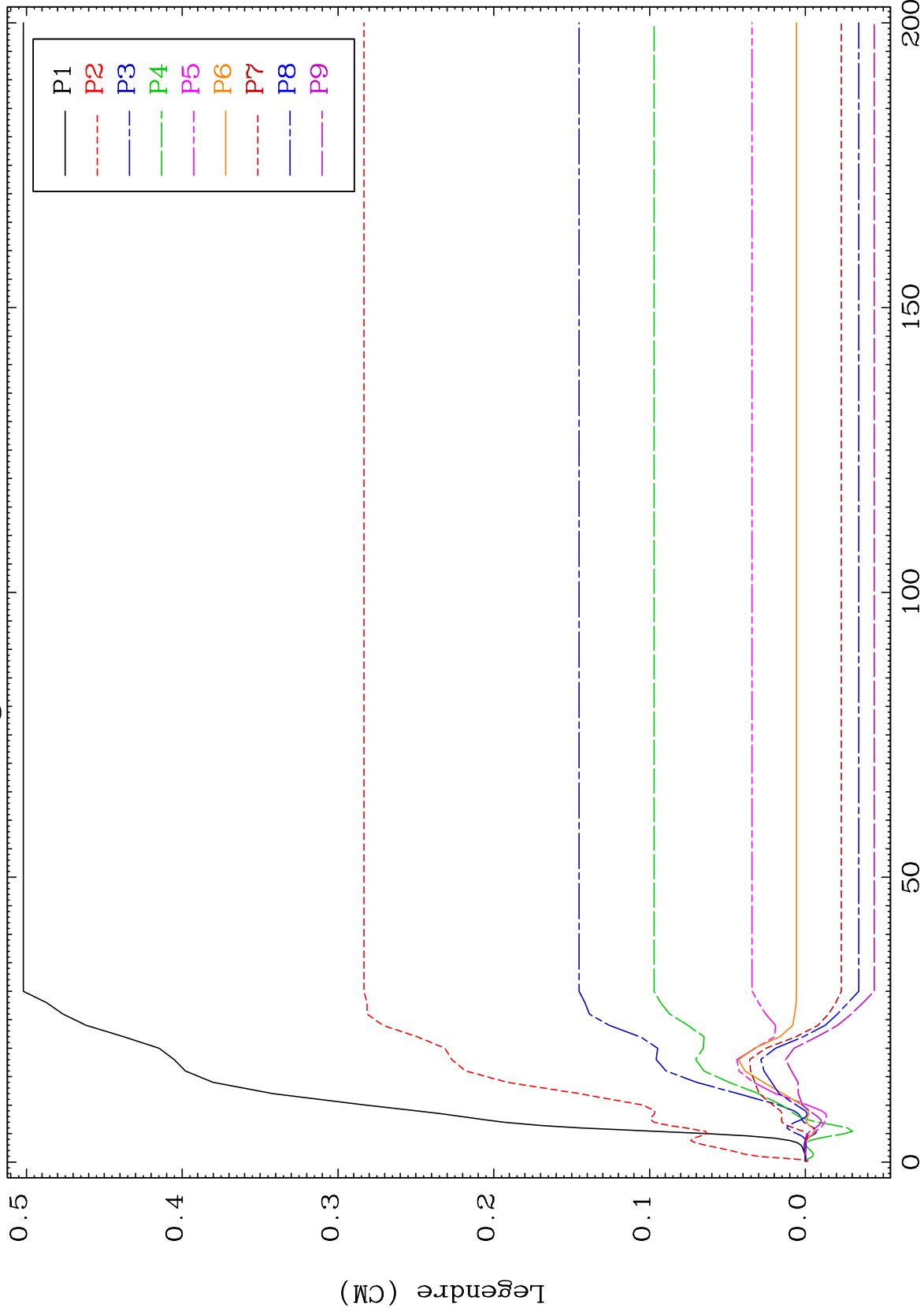
Incident Energy (MeV)

18

MAT 58222

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

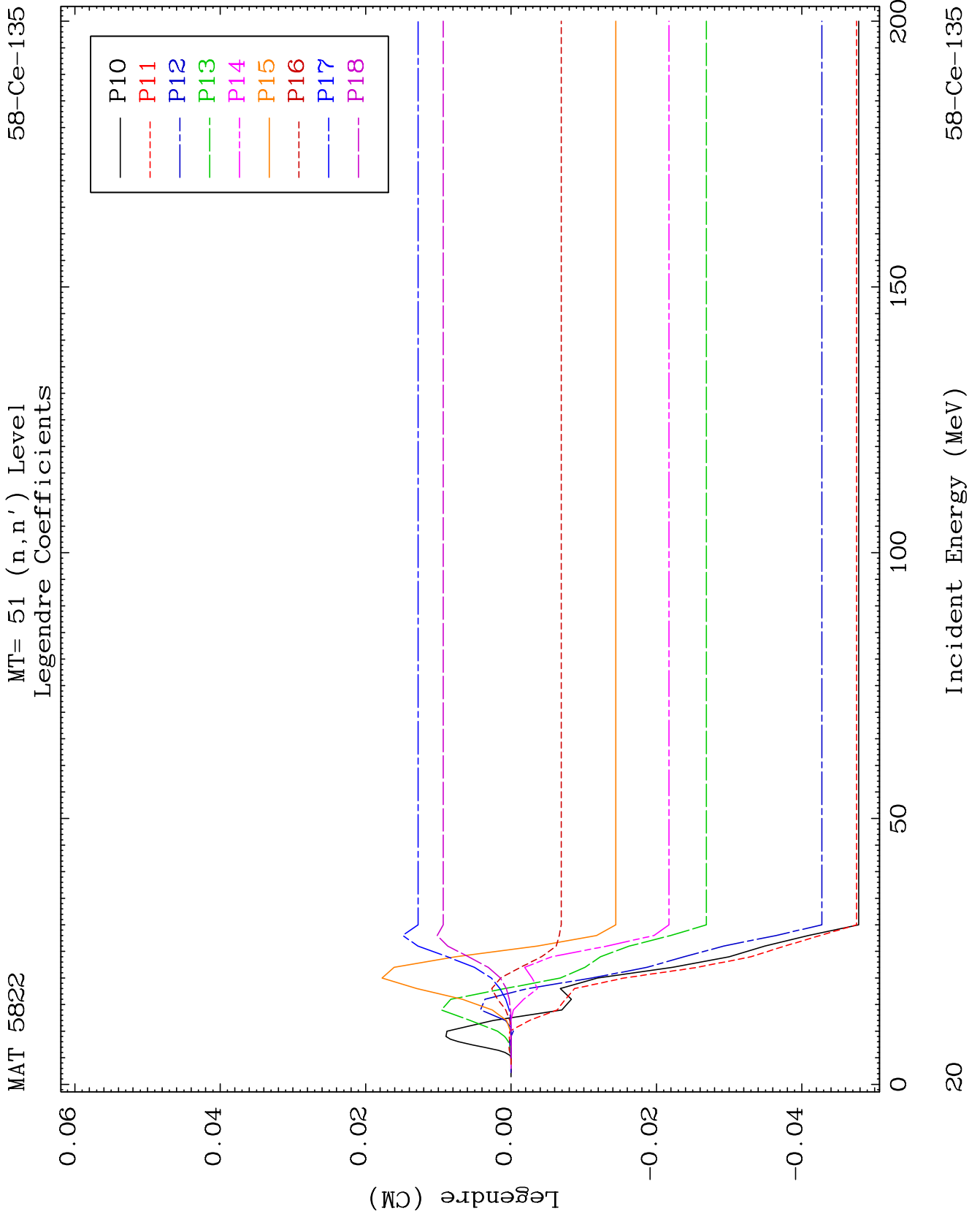
58-Ce-135



19

Incident Energy (MeV)

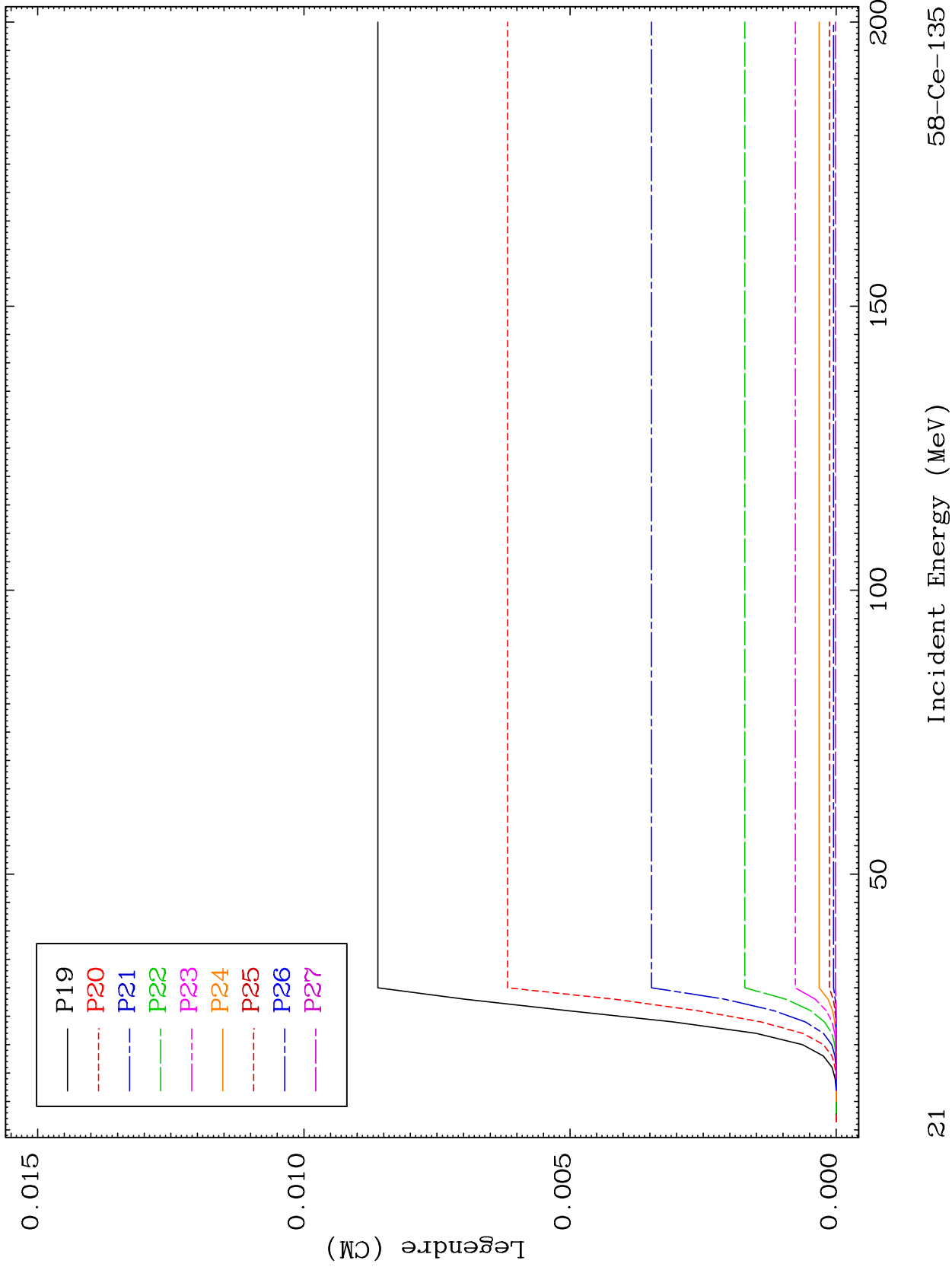
58-Ce-135



MAT 58222

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

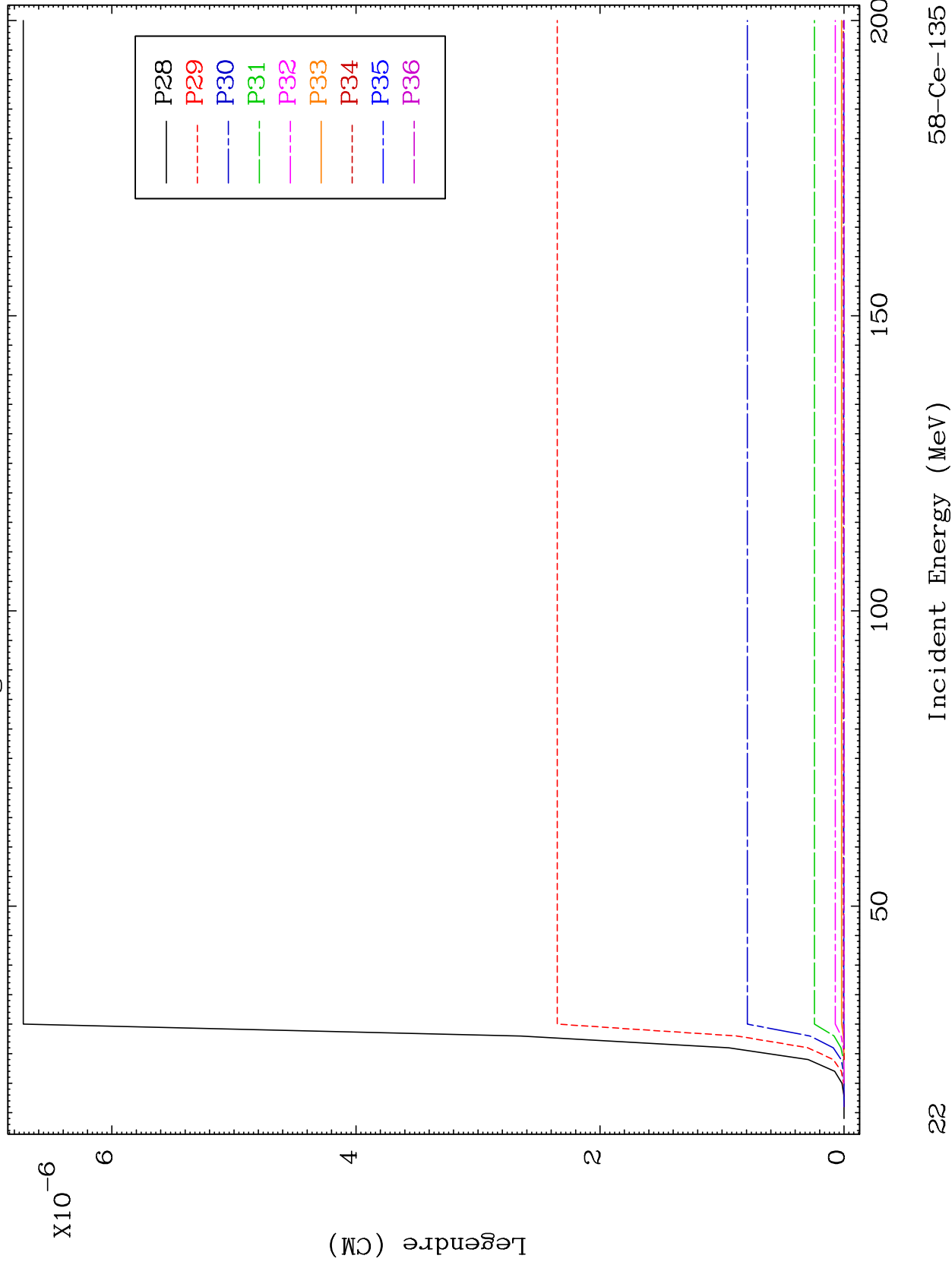
58-Ce-135



MAT 58222

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

58-Ce-135



22

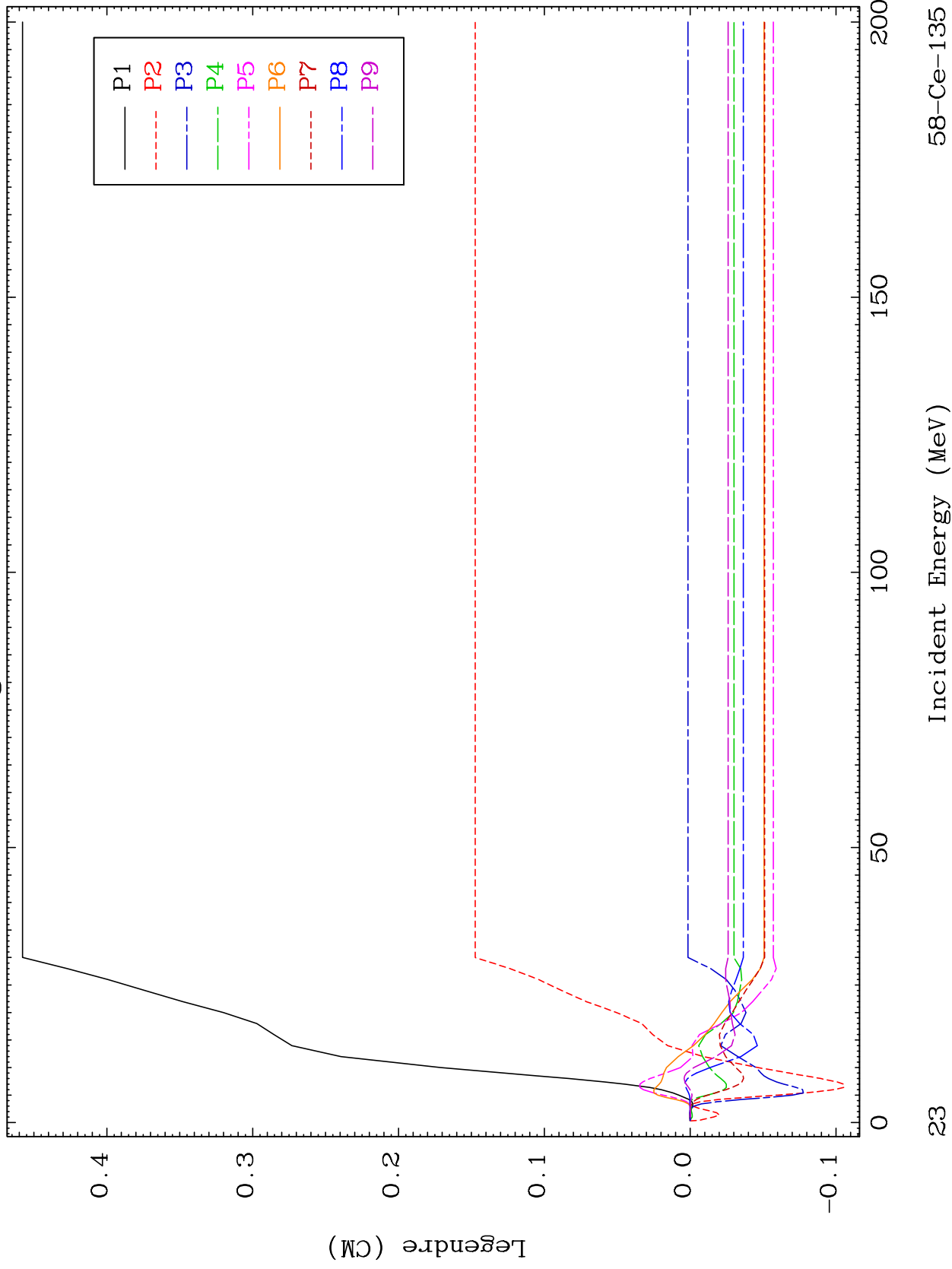
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

58-Ce-135



58-Ce-135

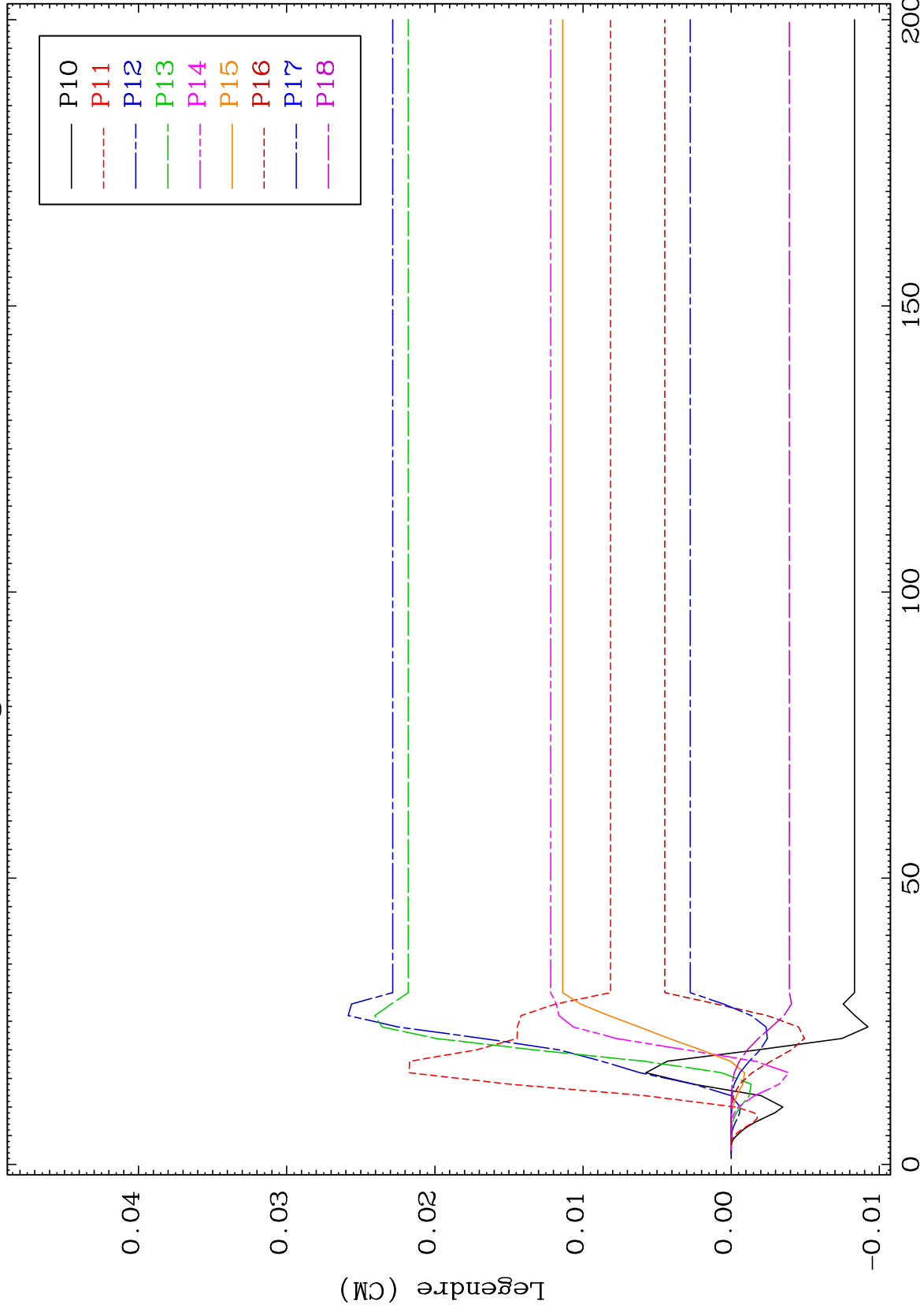
Incident Energy (MeV)

23

MAT 5822

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

58-Ce-135



24

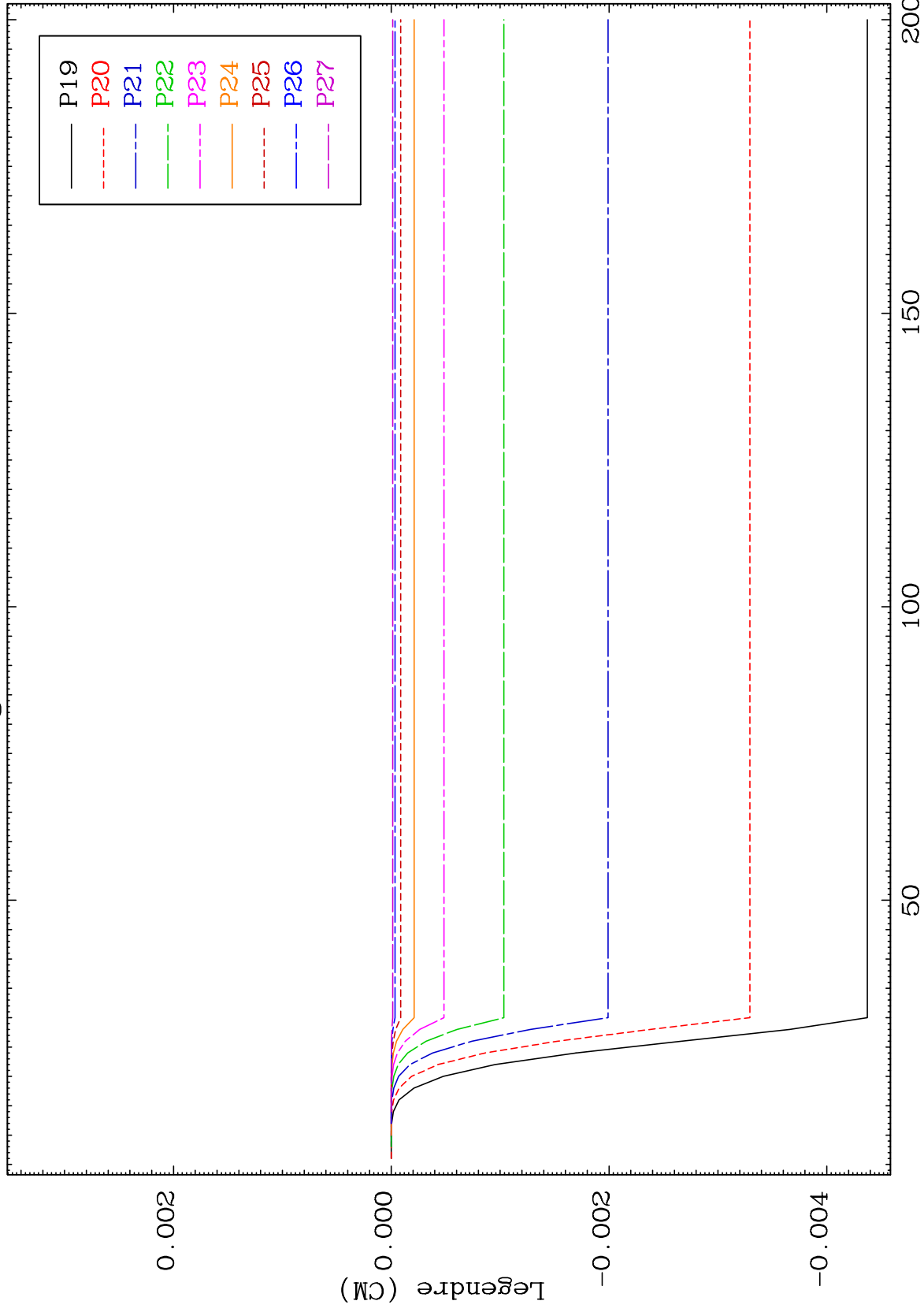
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

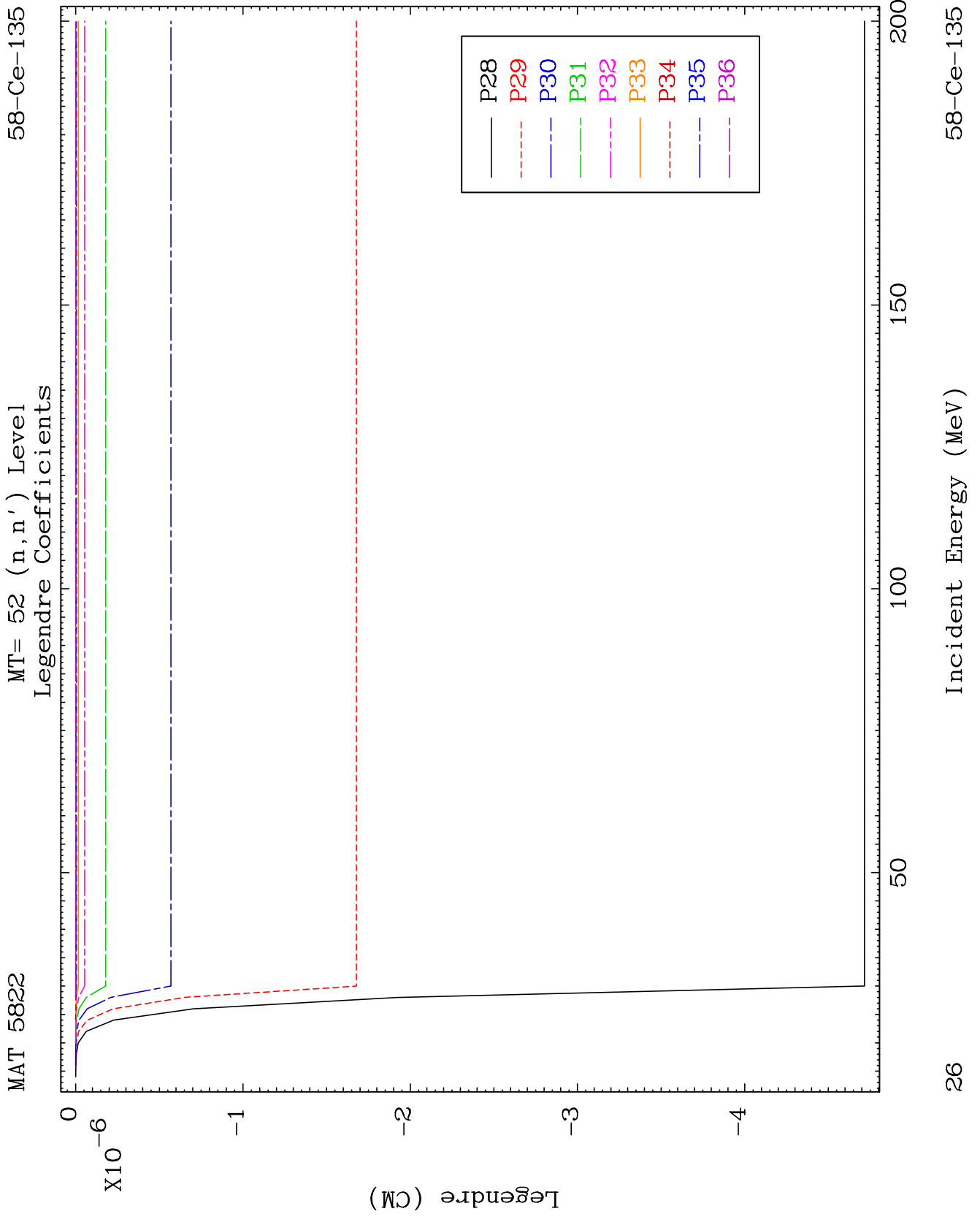
58-Ce-135



25

Incident Energy (MeV)

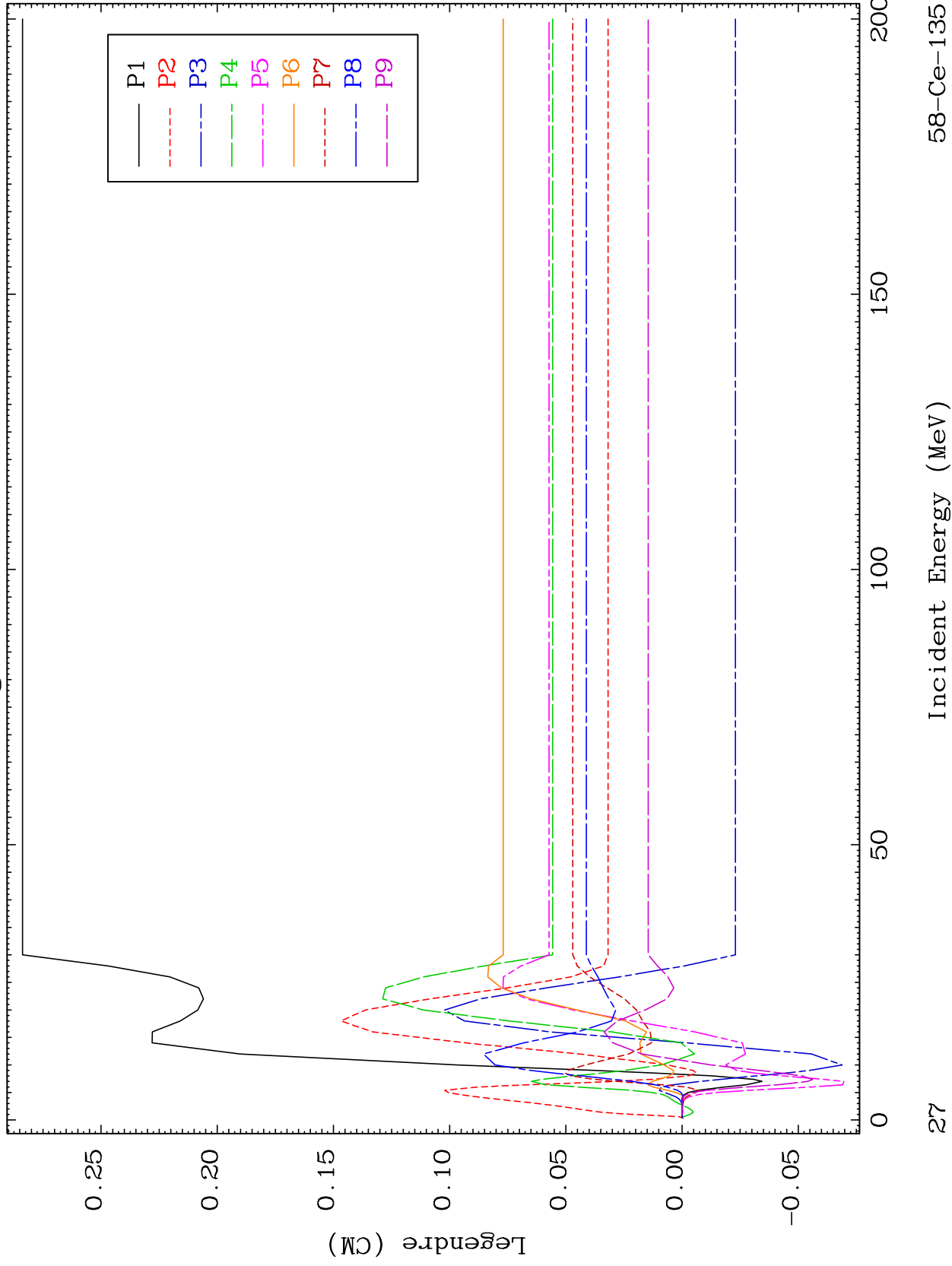
58-Ce-135



MAT 5822

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

58-Ce-135



58-Ce-135

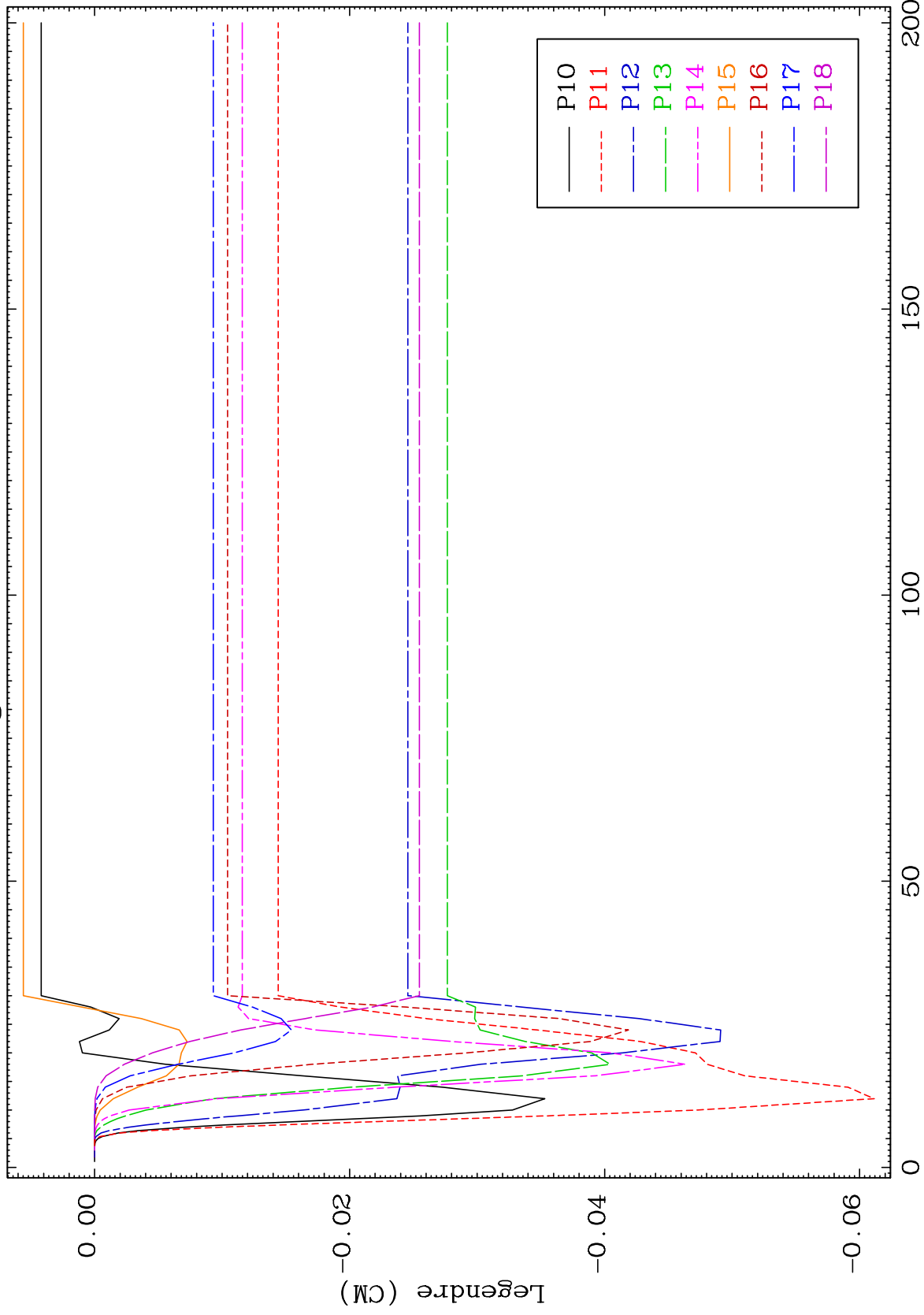
Incident Energy (MeV)

27

MAT 58222

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

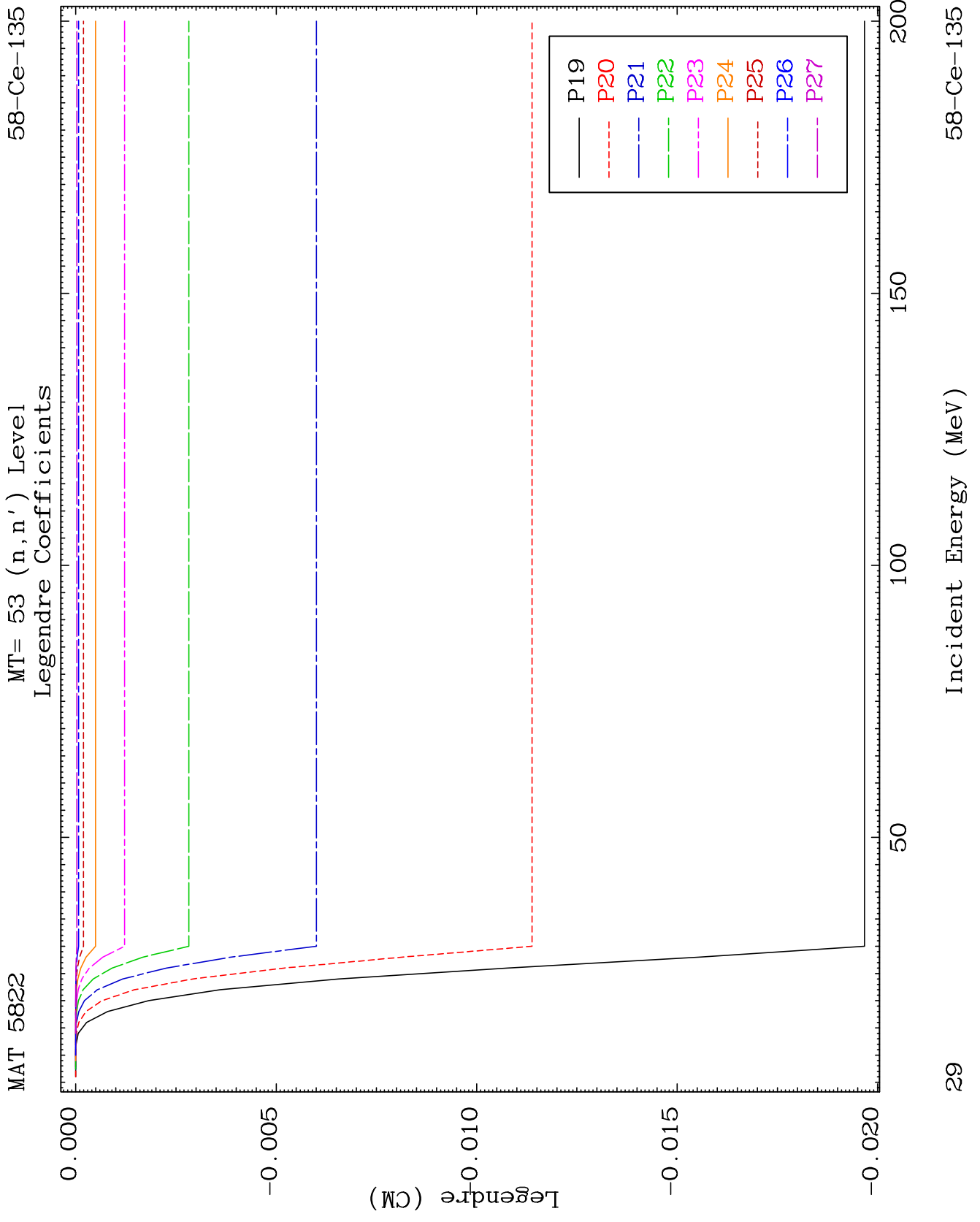
58-Ce-135

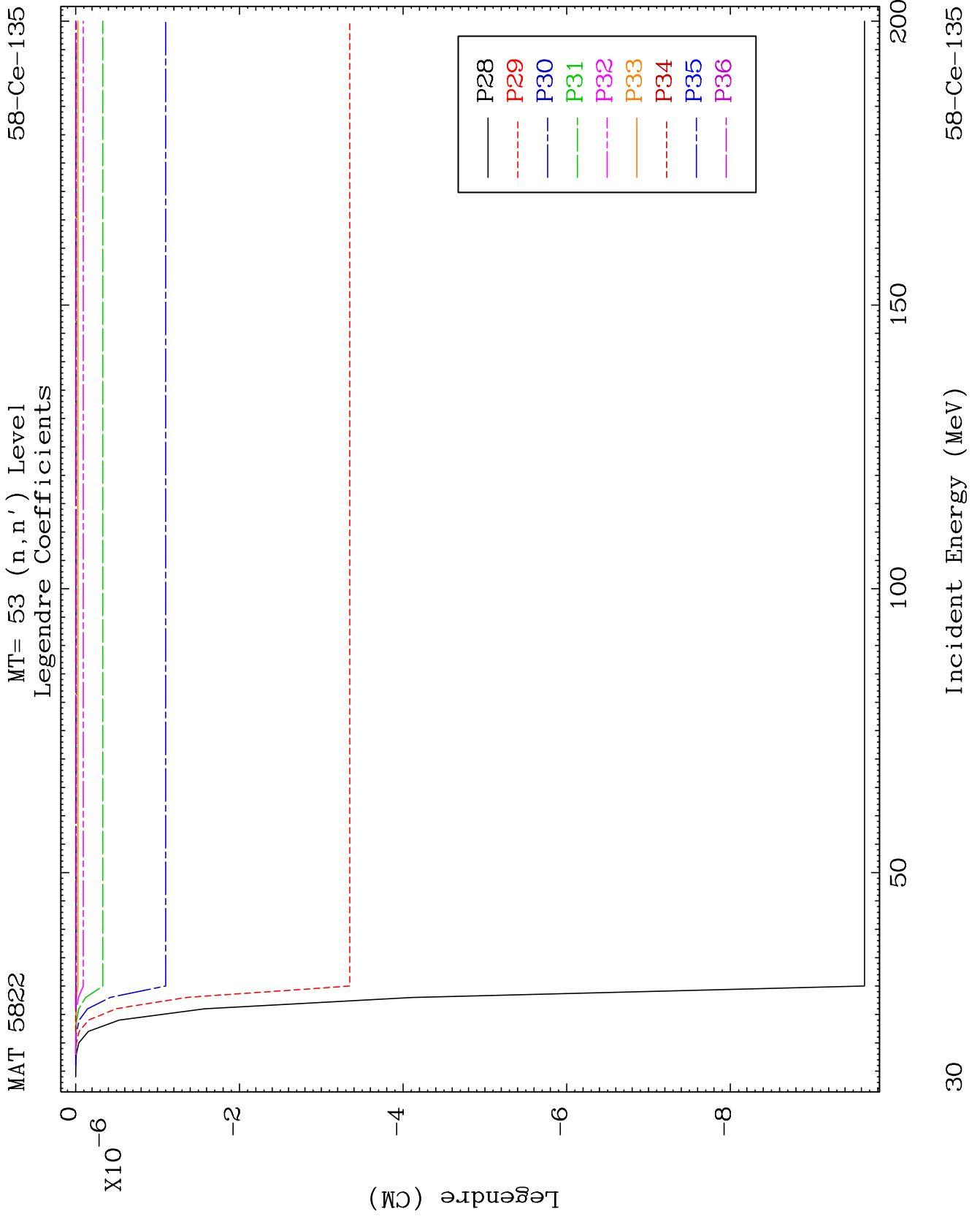


28

Incident Energy (MeV)

58-Ce-135

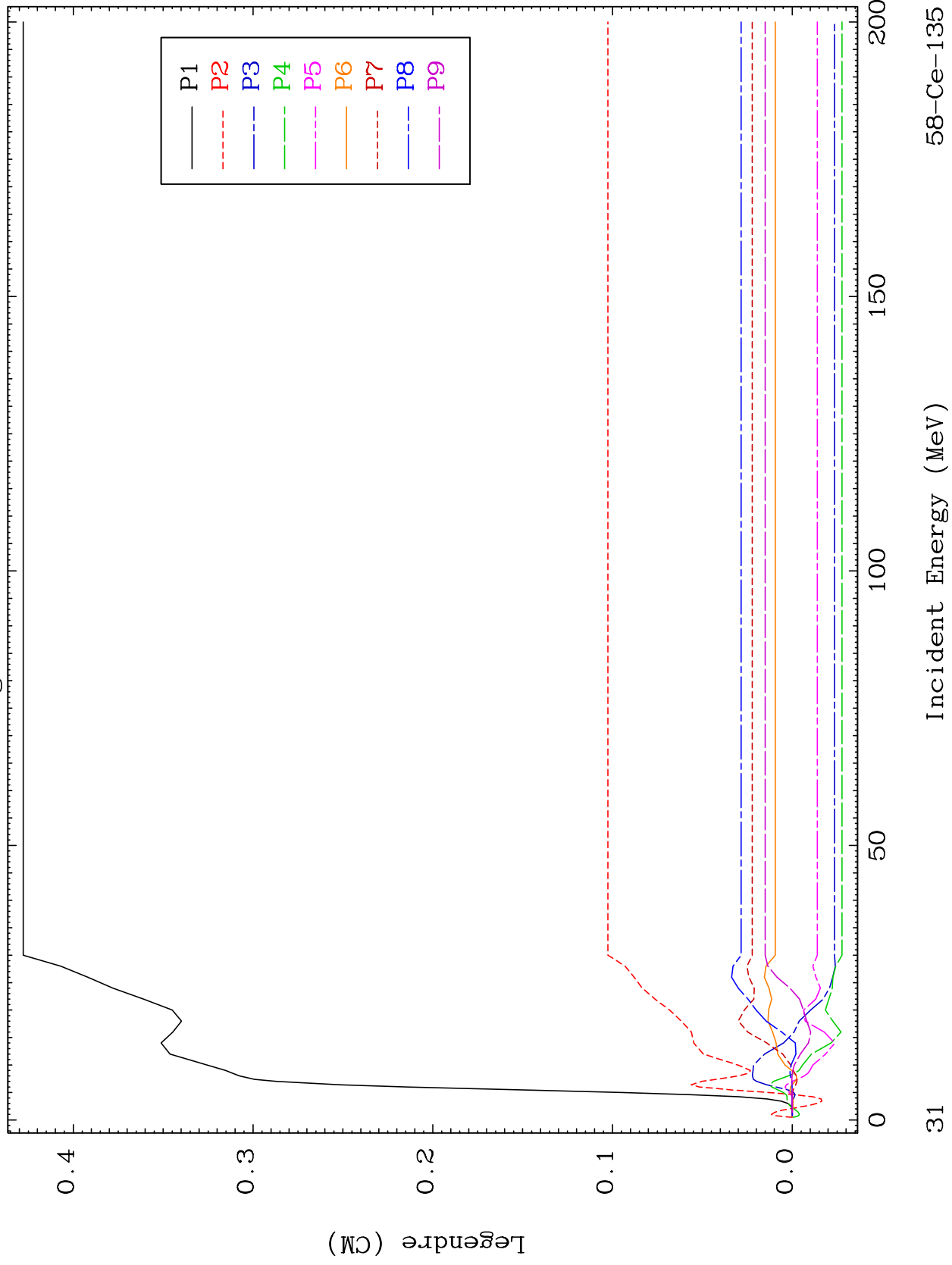




MAT 58222

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

58-Ce-135



31

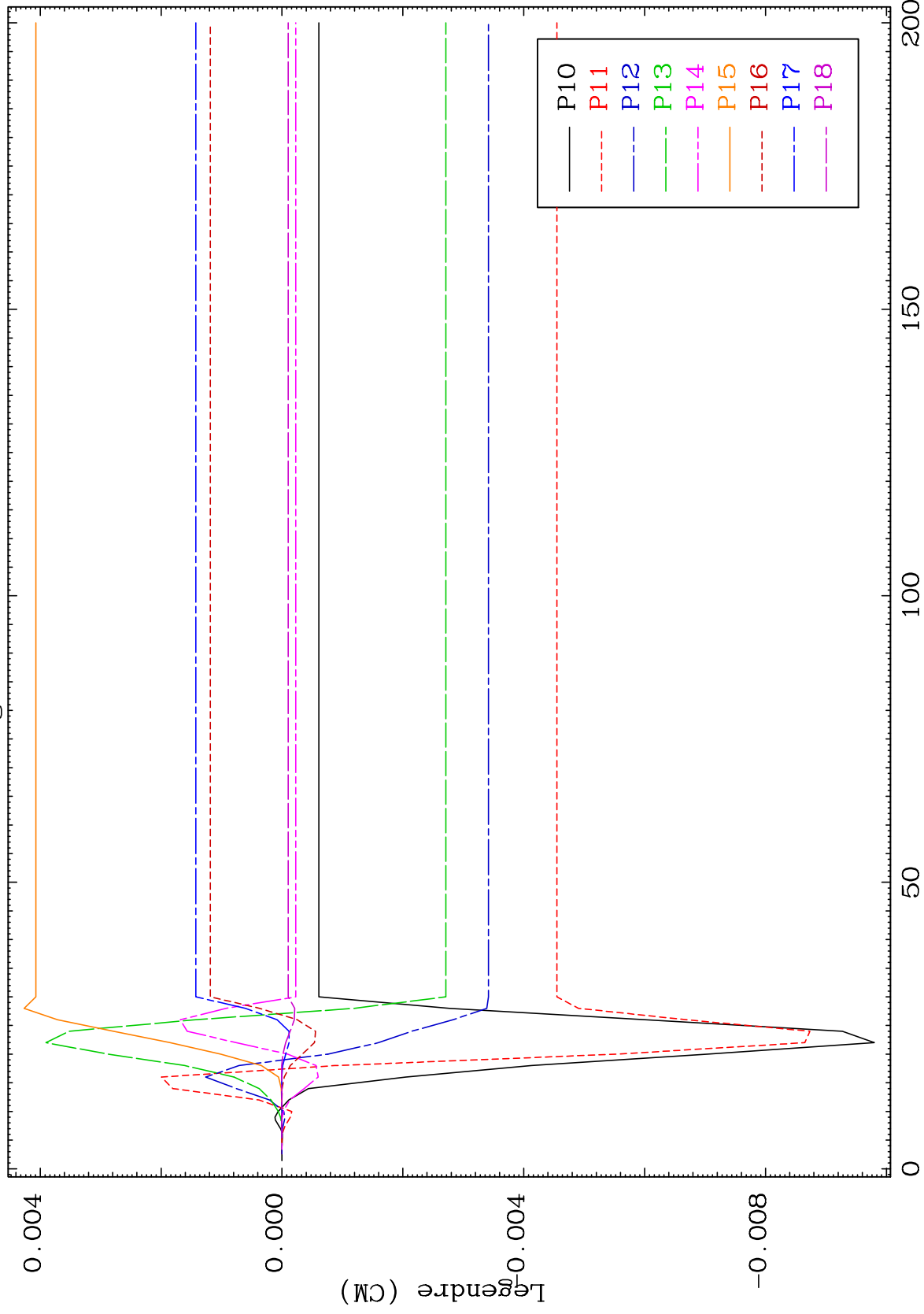
Incident Energy (MeV)

58-Ce-135

MAT 58222

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

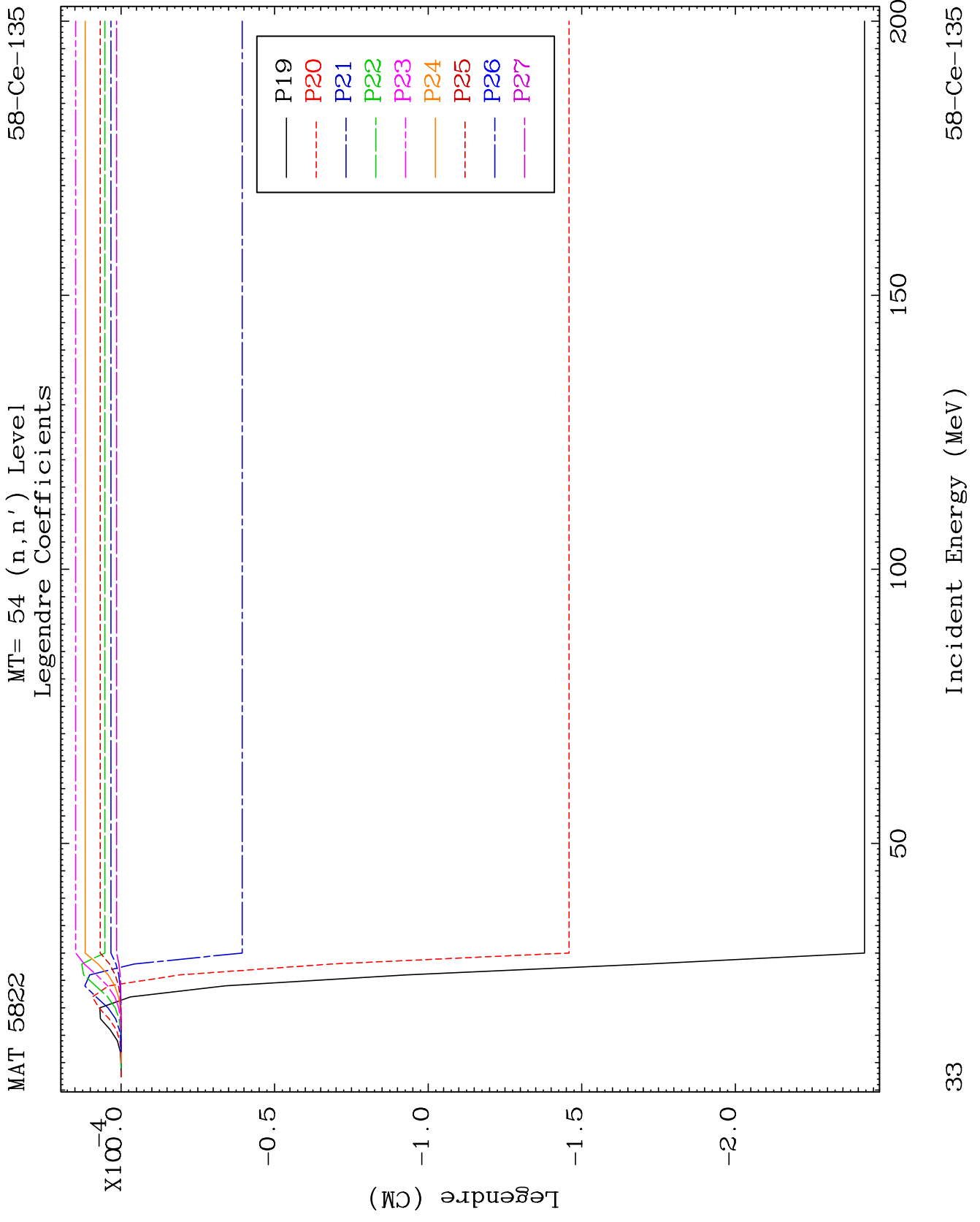
58-Ce-135



32

Incident Energy (MeV)

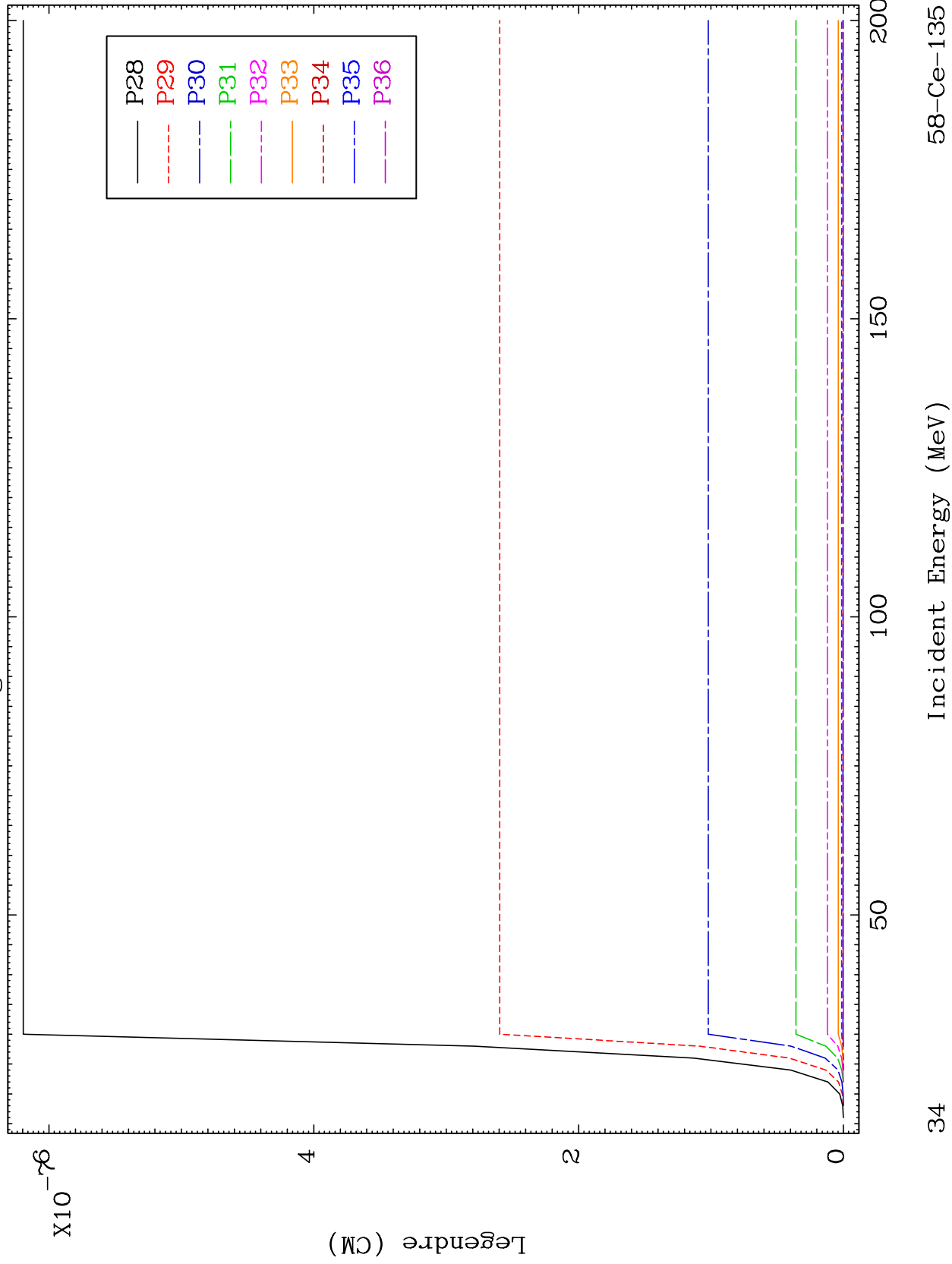
58-Ce-135



MAT 5822

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

58-Ce-135



34

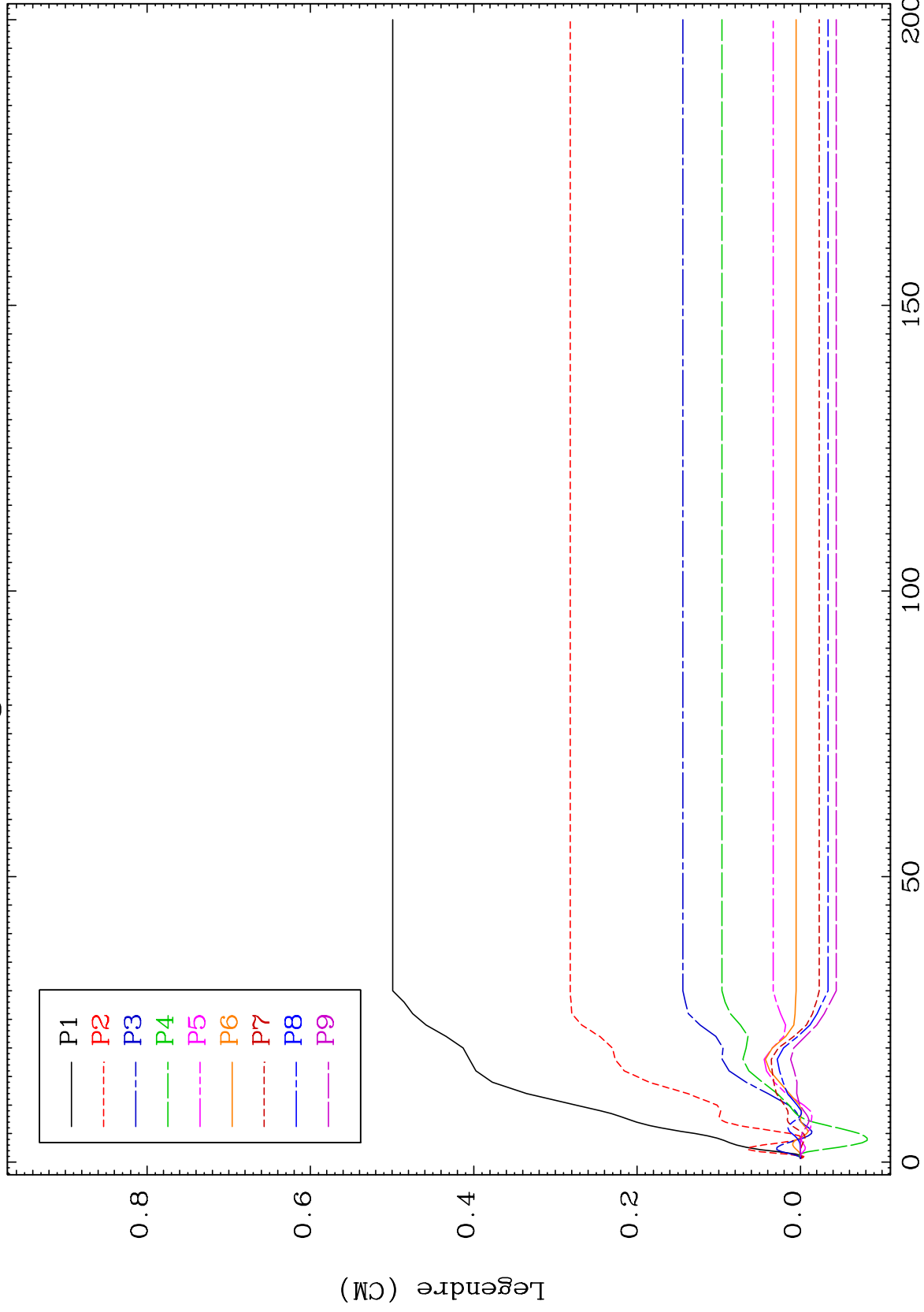
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

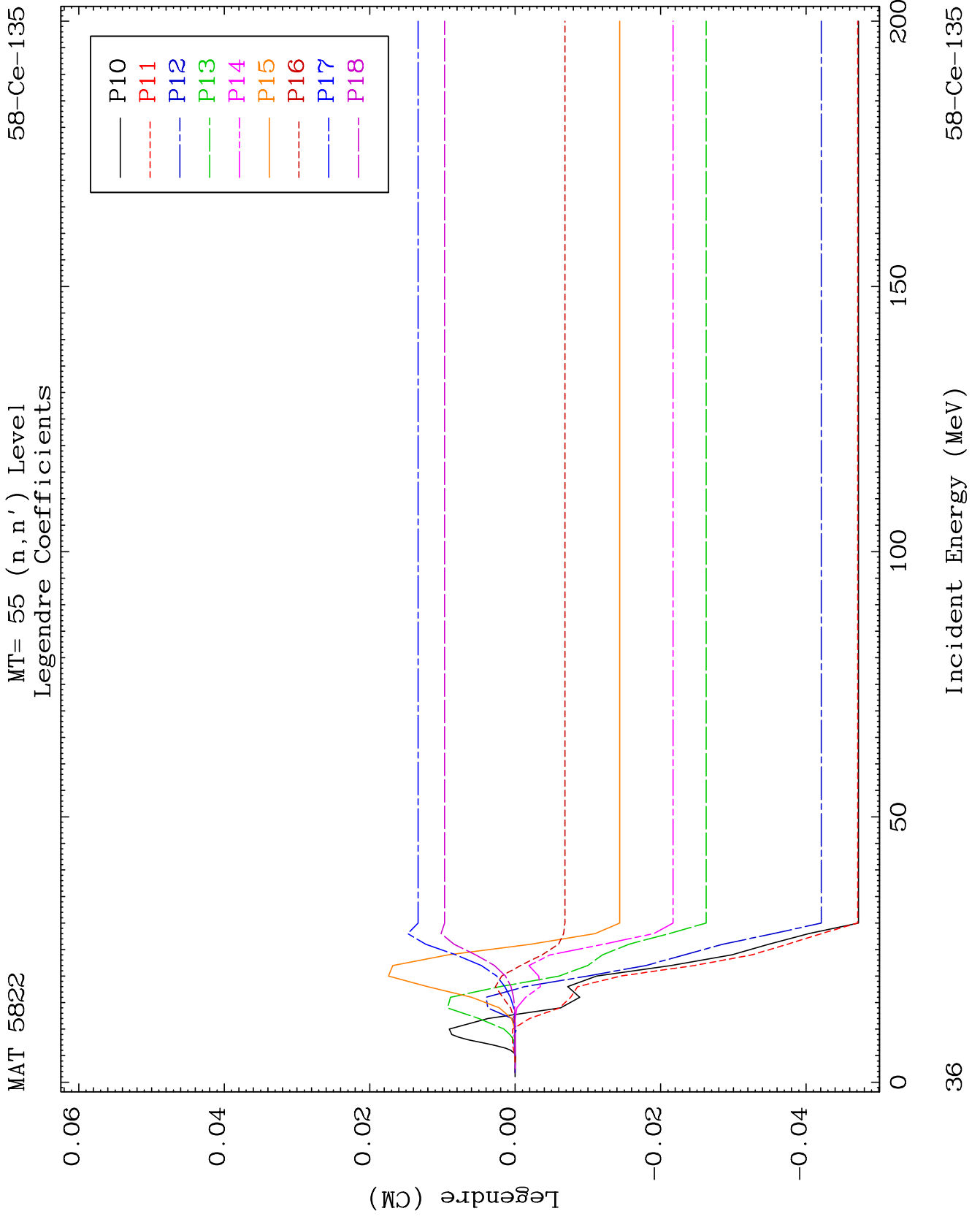
58-Ce-135



Incident Energy (MeV)

58-Ce-135

35



58-Ce-135

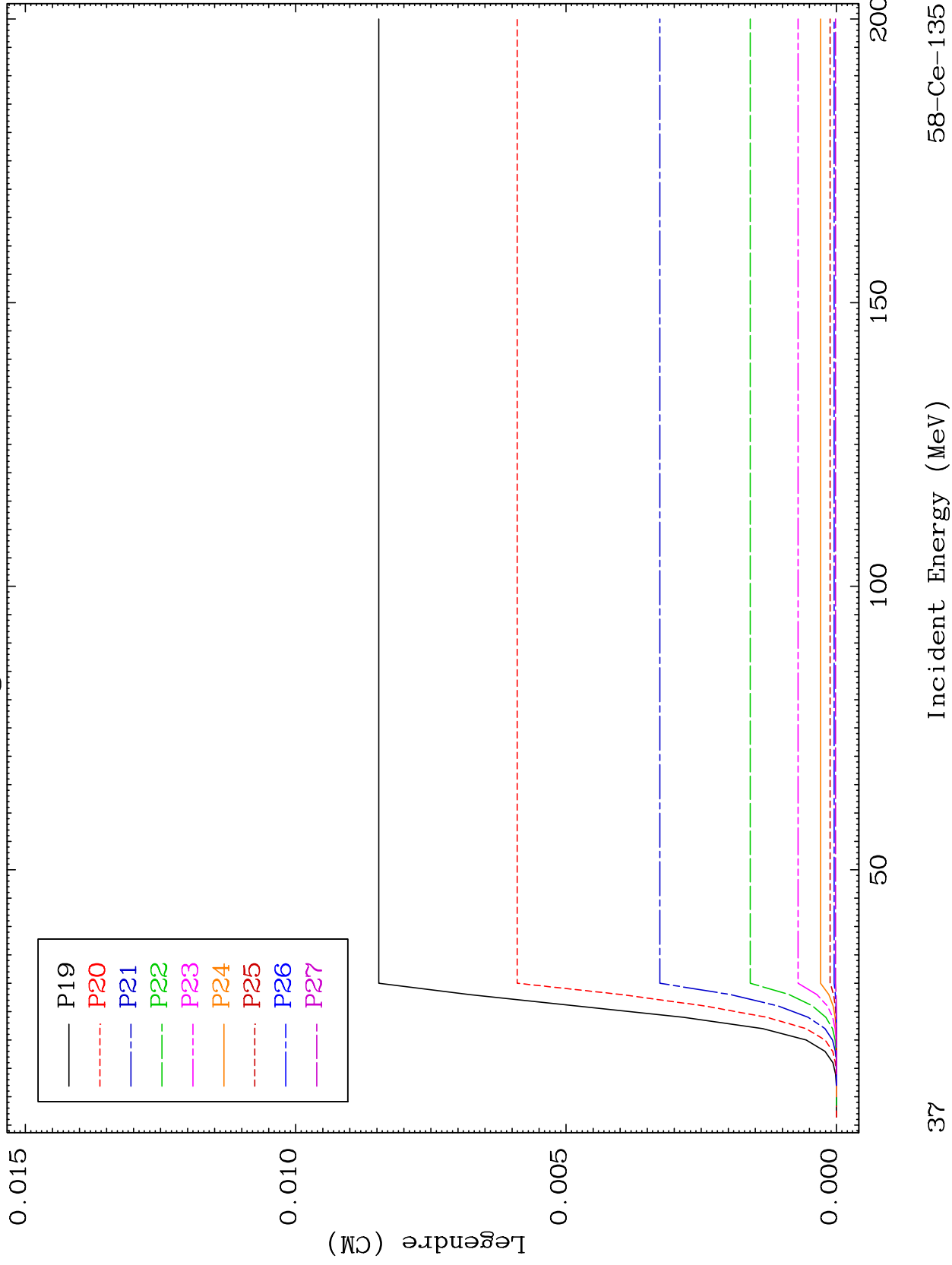
Incident Energy (MeV)

36

MAT 58222

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

58-Ce-135



37

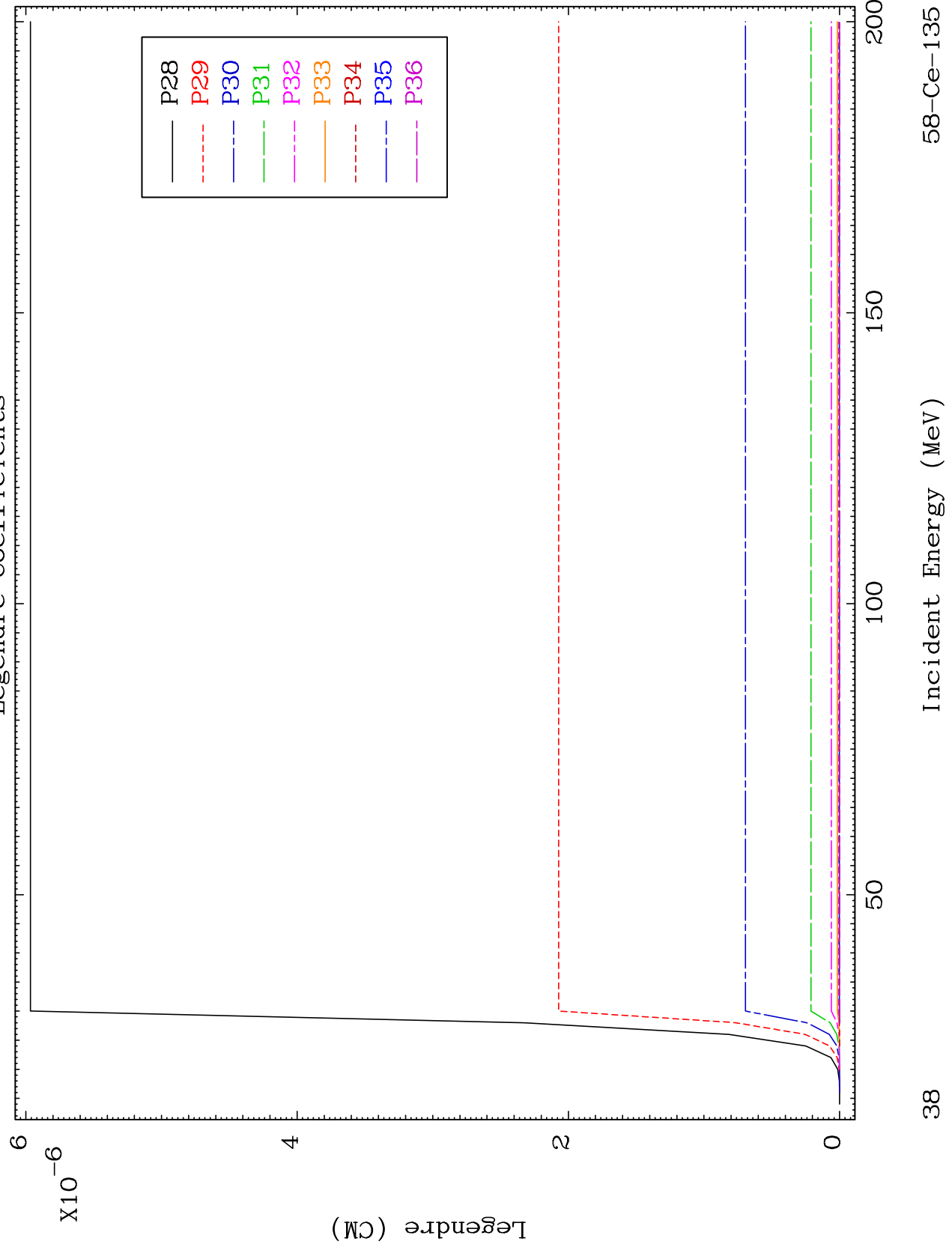
Incident Energy (MeV)

58-Ce-135

MAT 58222

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

58-Ce-135



58-Ce-135

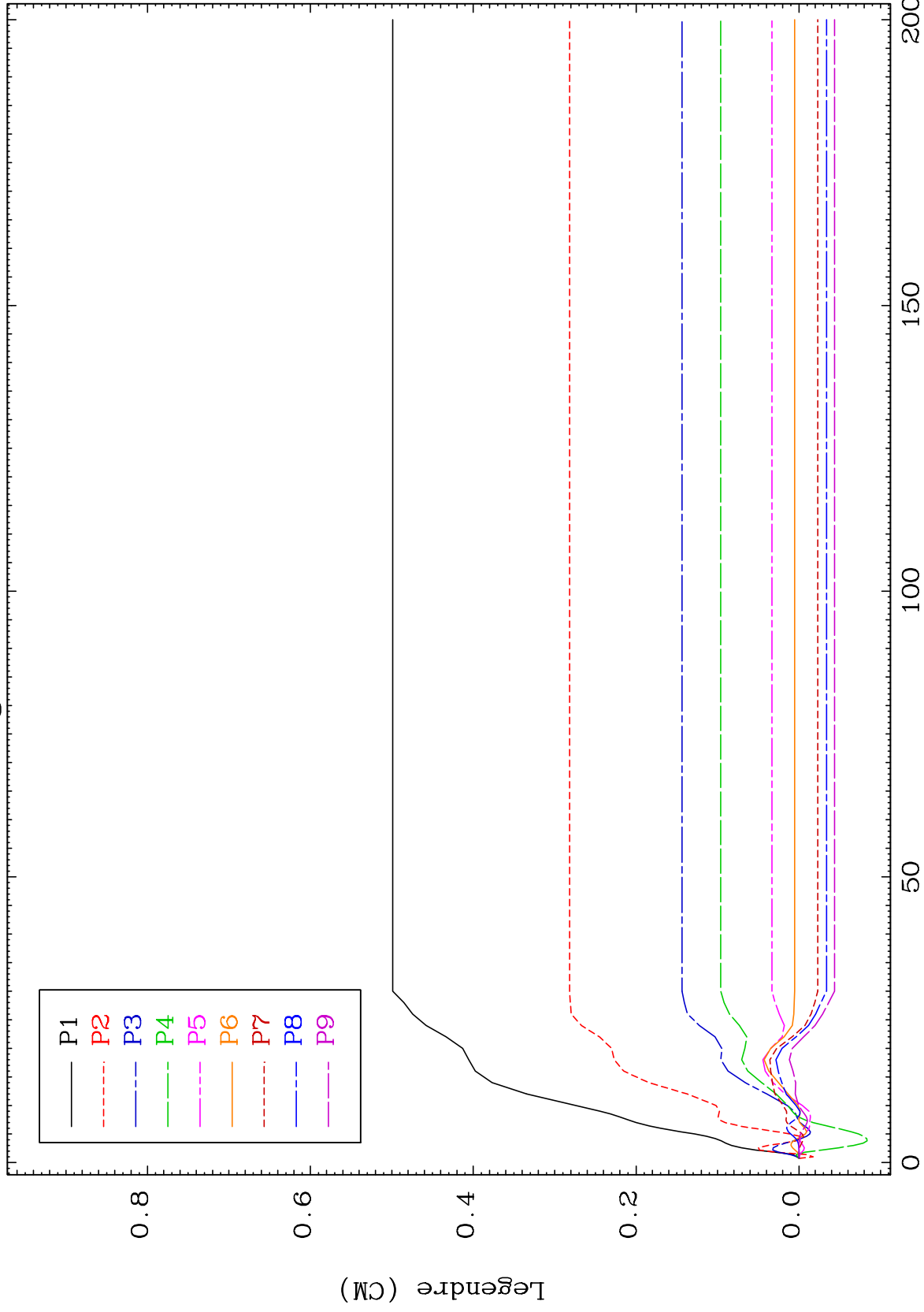
Incident Energy (MeV)

38

MAT 58222

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

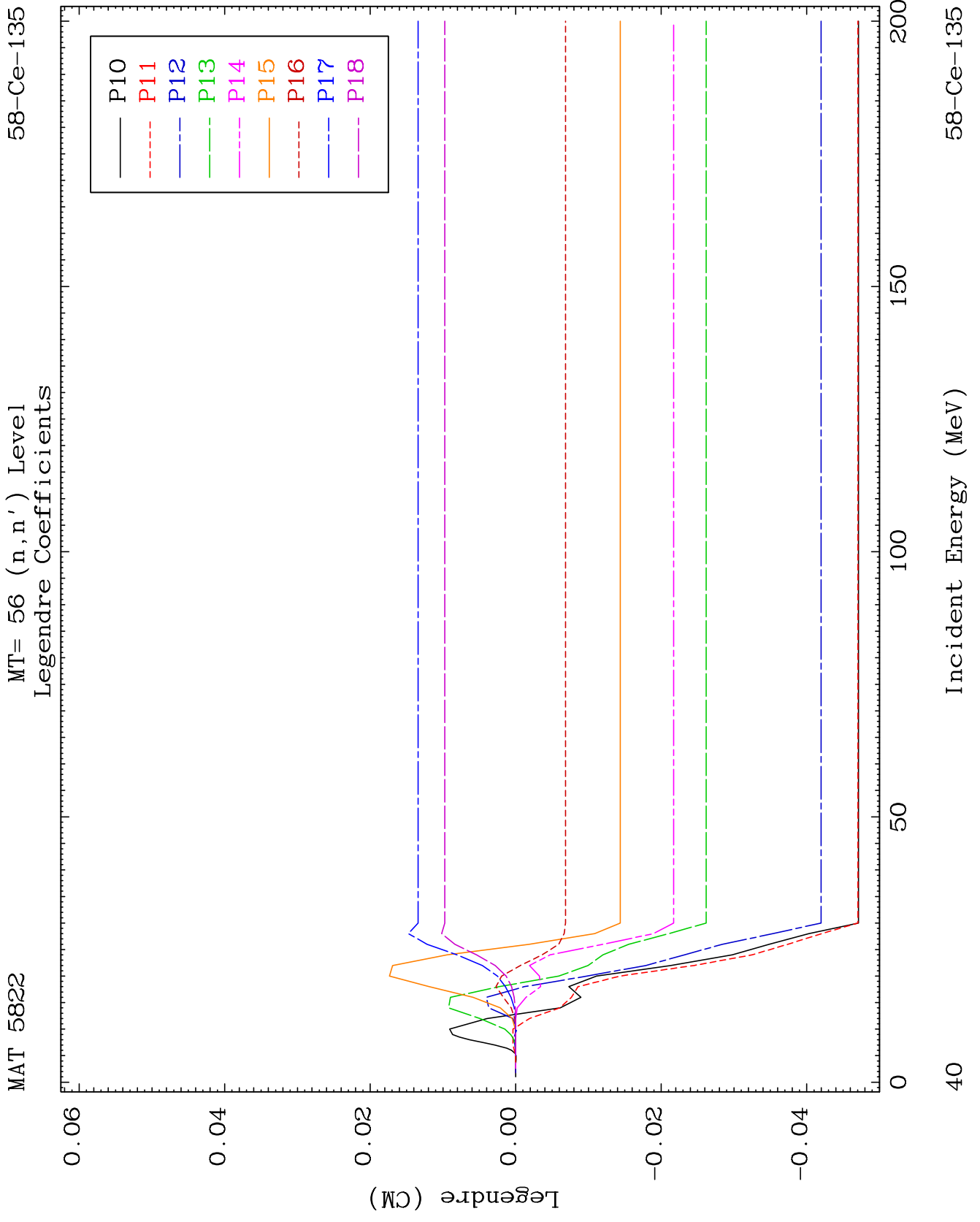
58-Ce-135



39

Incident Energy (MeV)

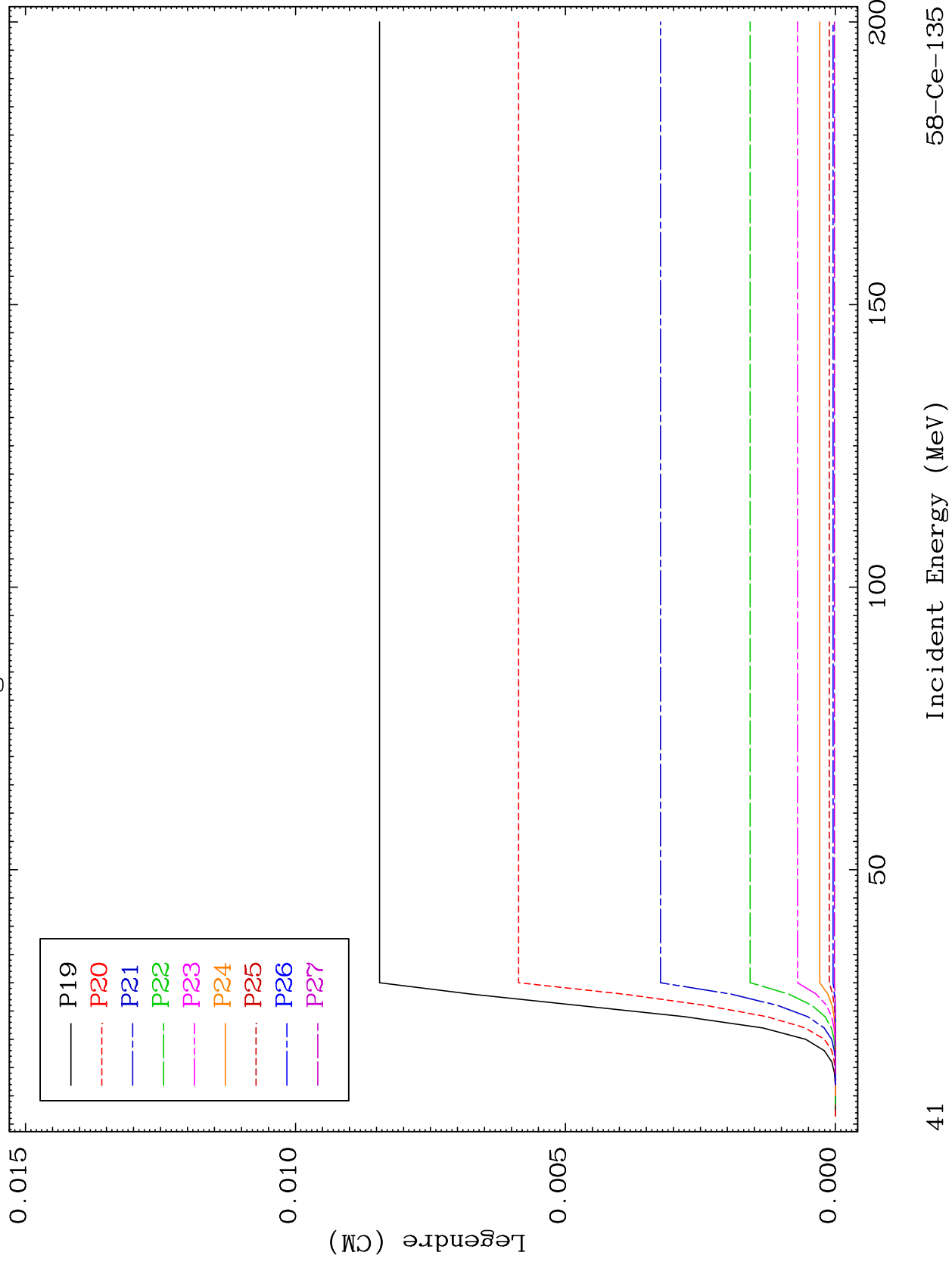
58-Ce-135



MAT 58222

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

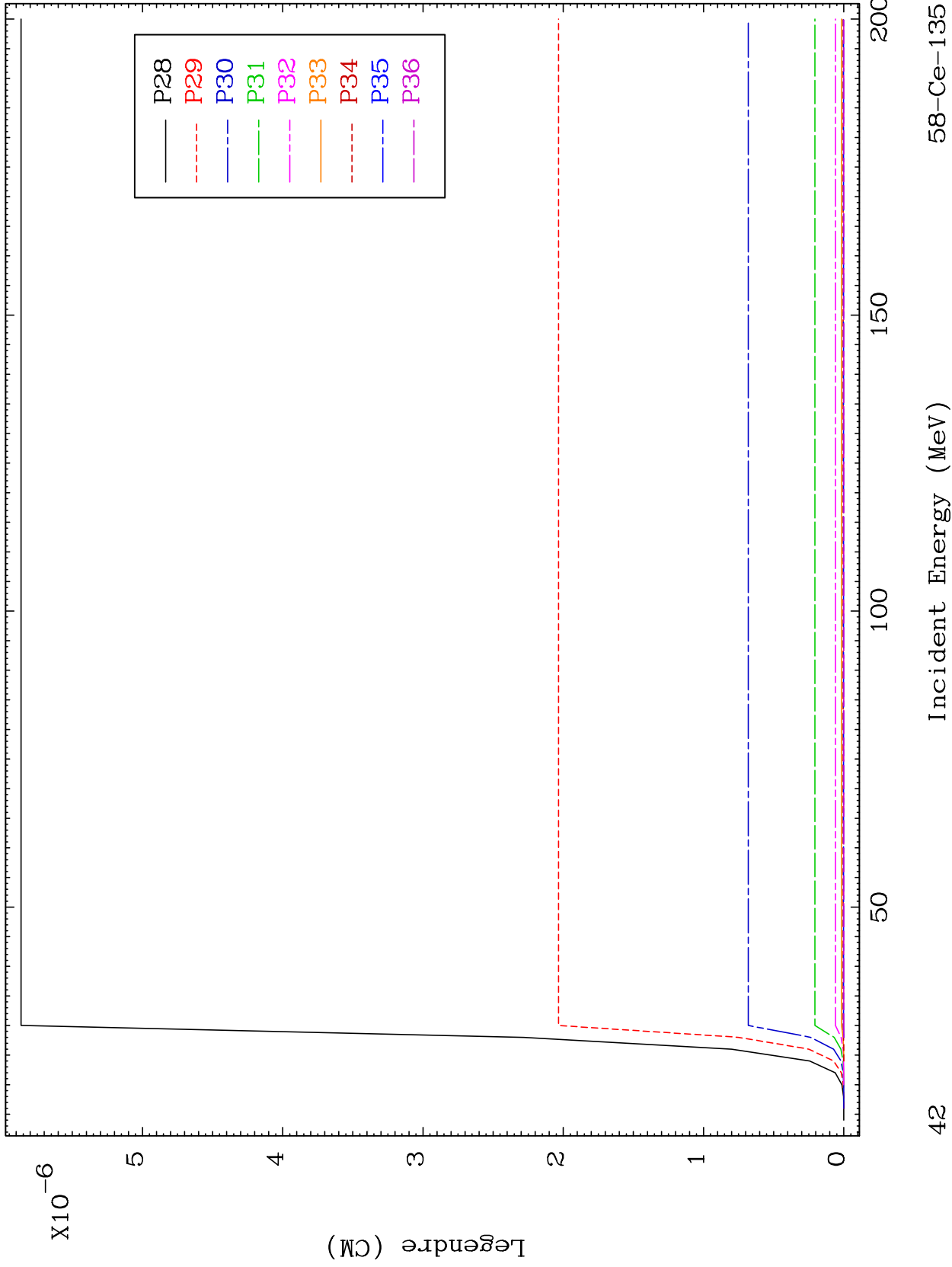
58-Ce-135



MAT 5822

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

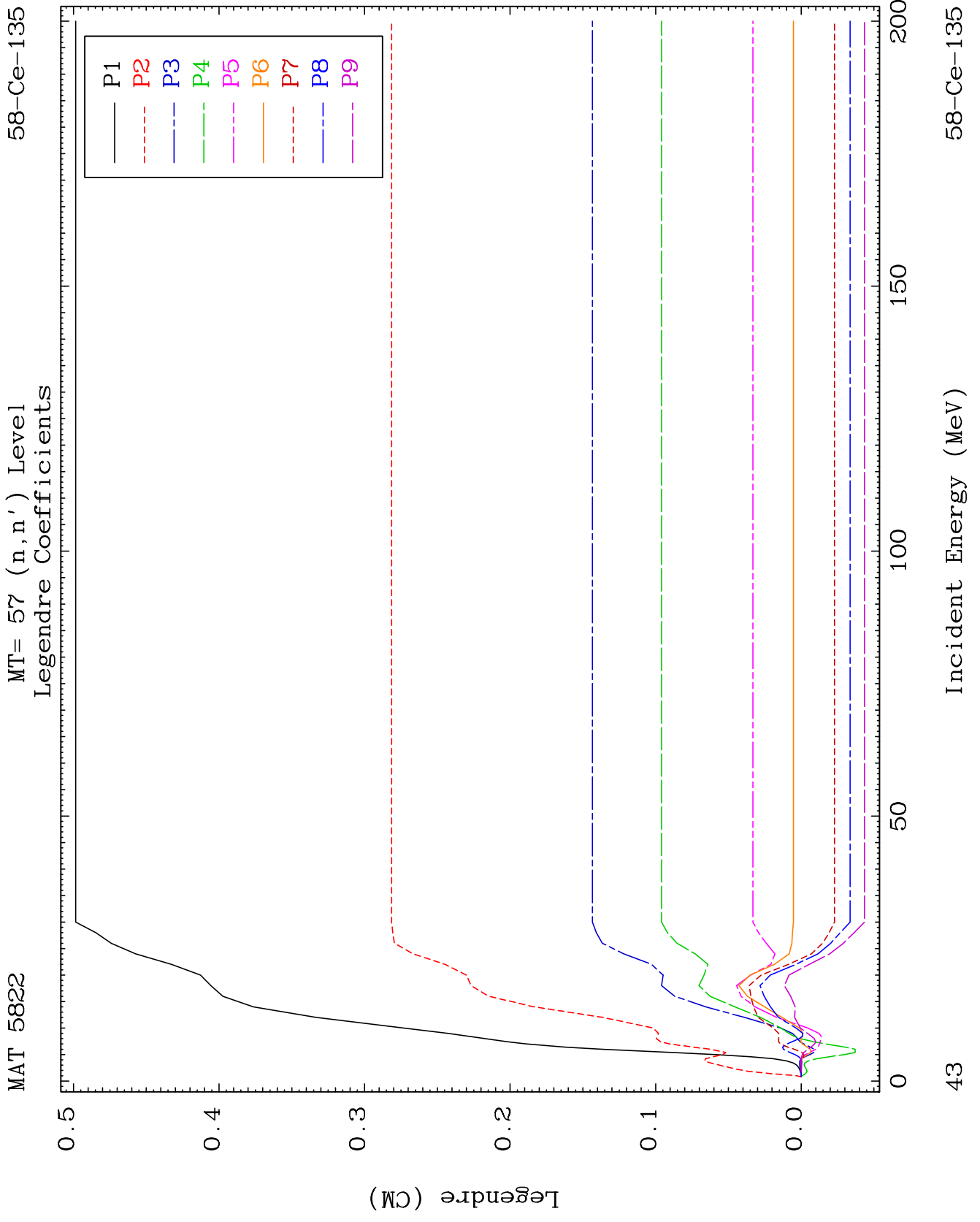
58-Ce-135



42

Incident Energy (MeV)

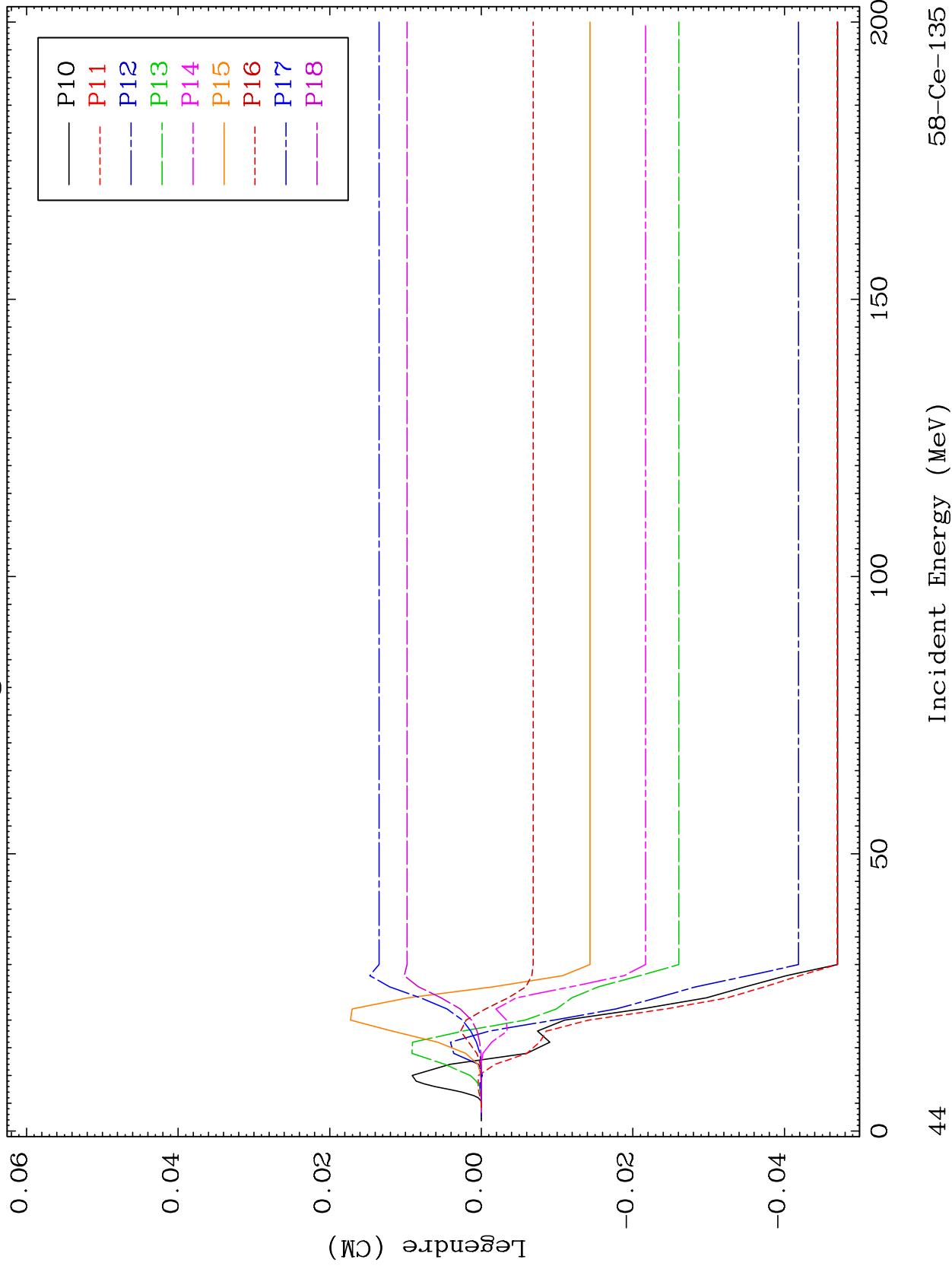
58-Ce-135



MAT 58222

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

58-Ce-135



44

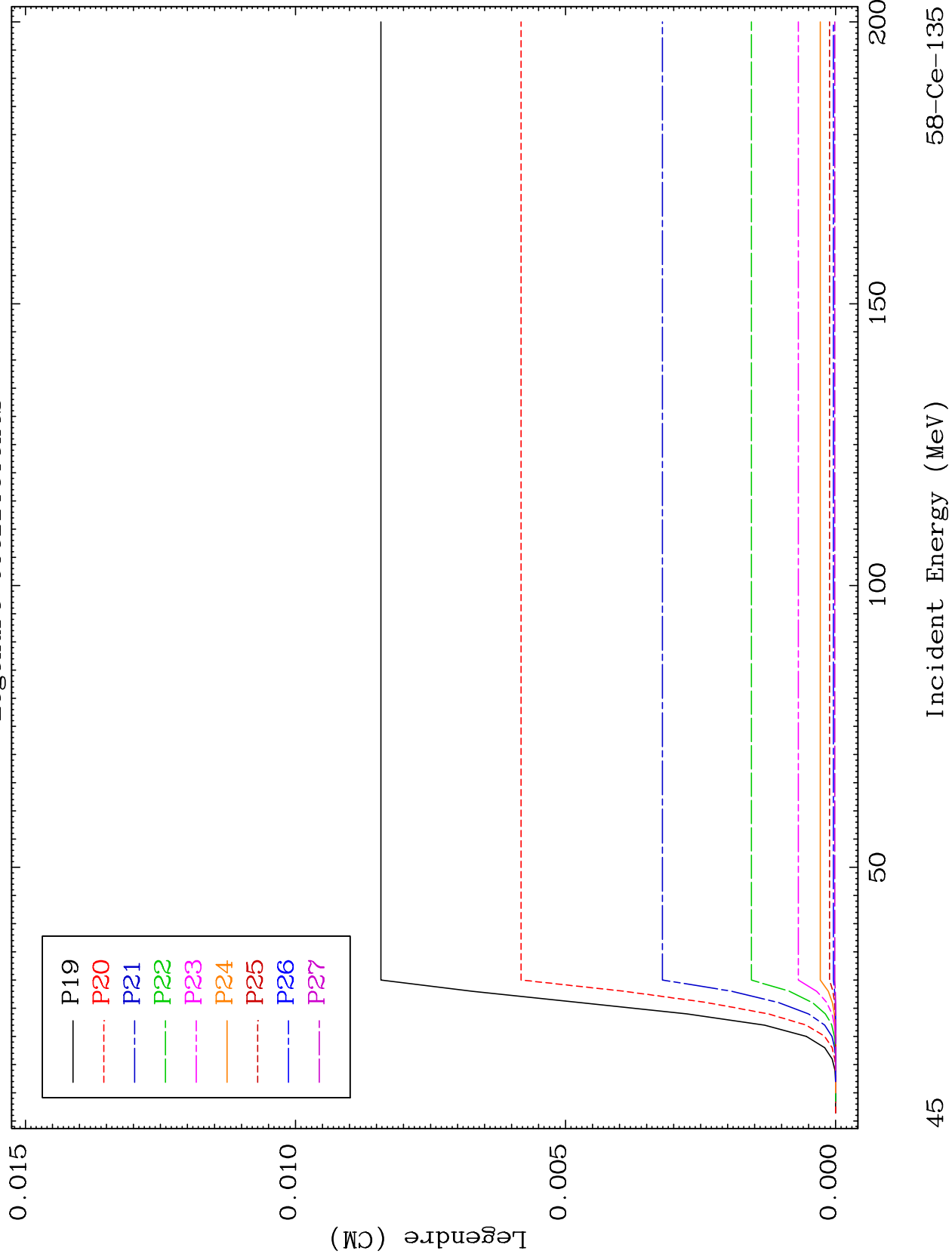
Incident Energy (MeV)

58-Ce-135

MAT 58222

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

58-Ce-135



45

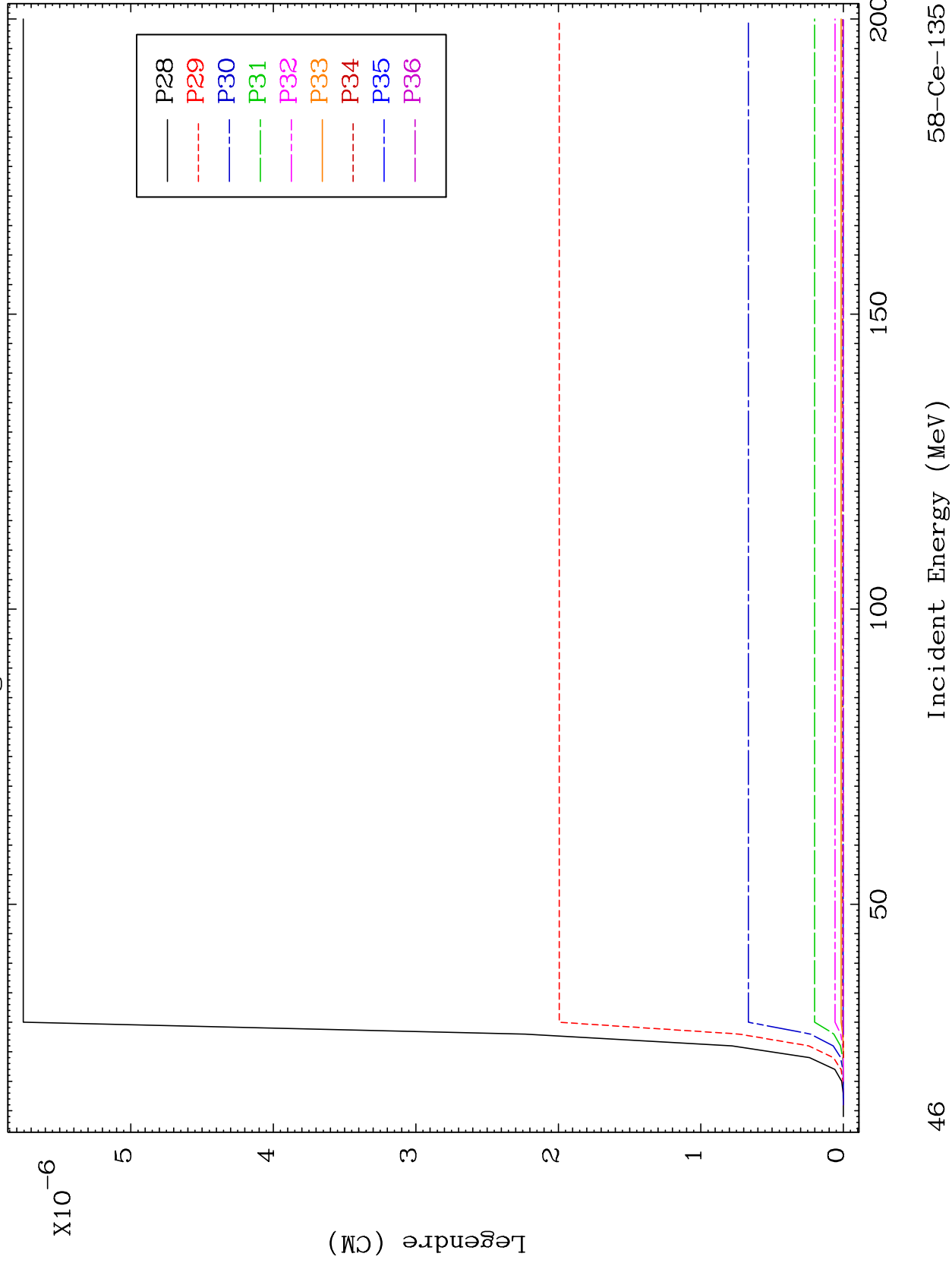
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

58-Ce-135



46

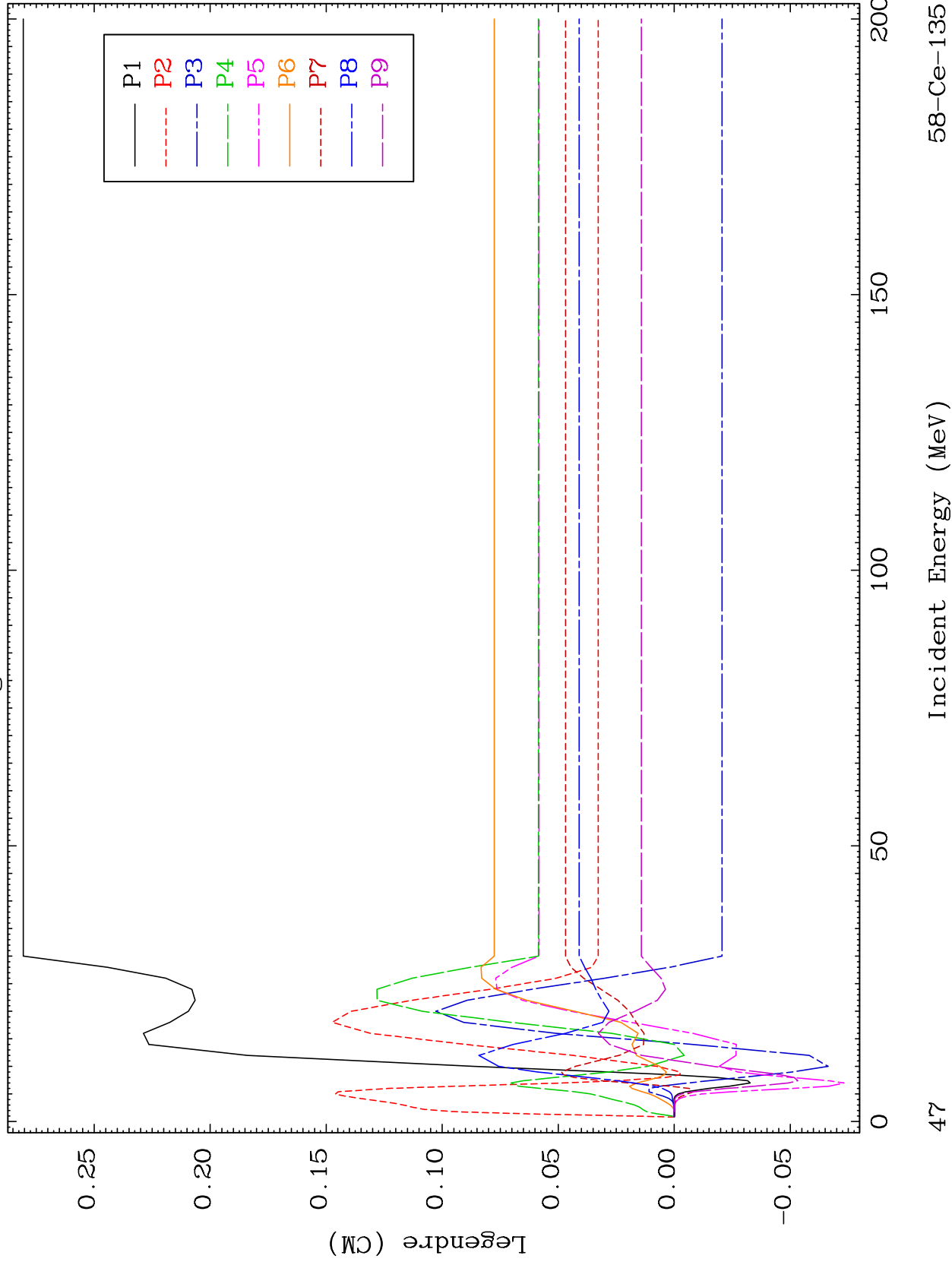
Incident Energy (MeV)

58-Ce-135

MAT 58222

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

58-Ce-135



47

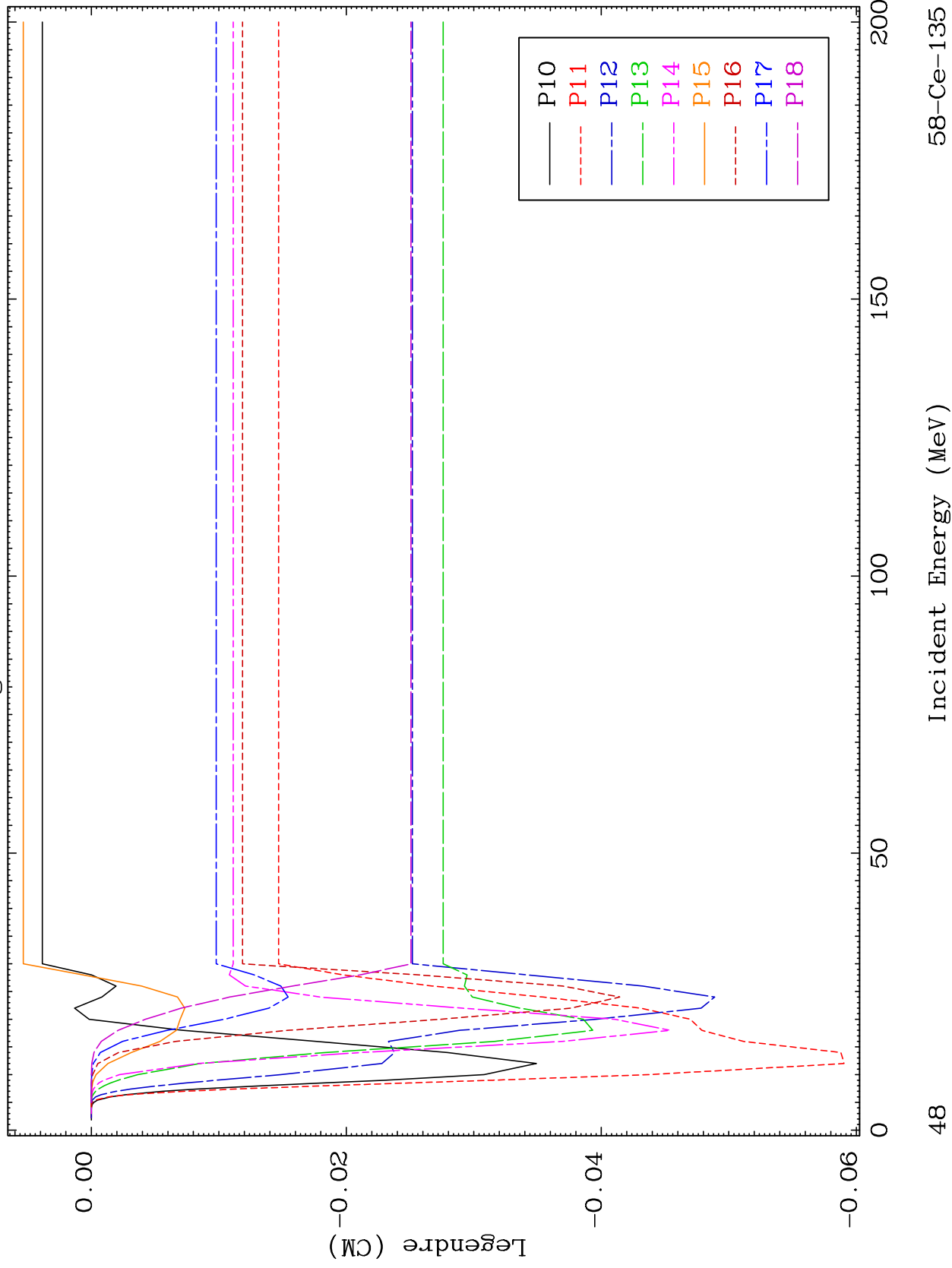
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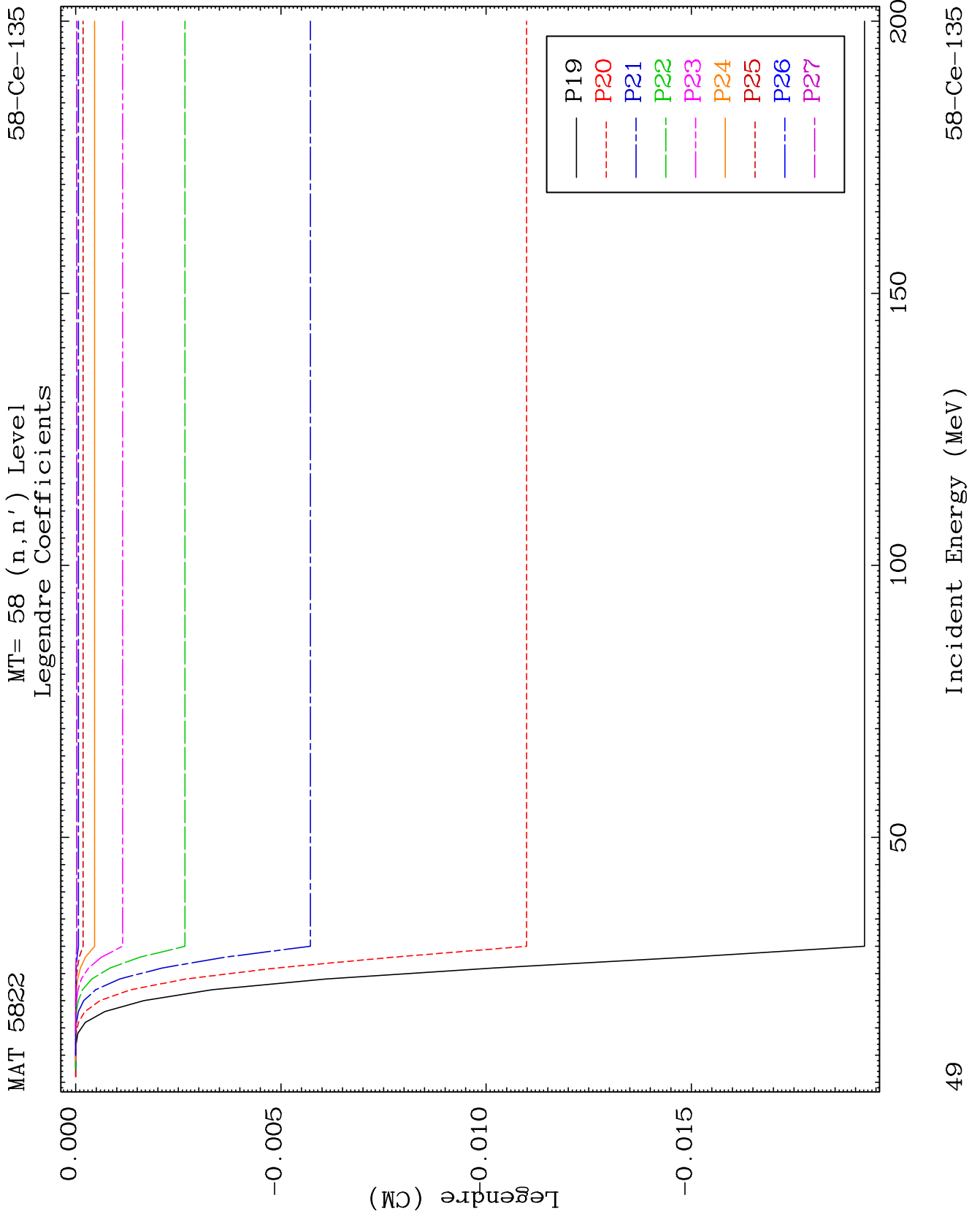
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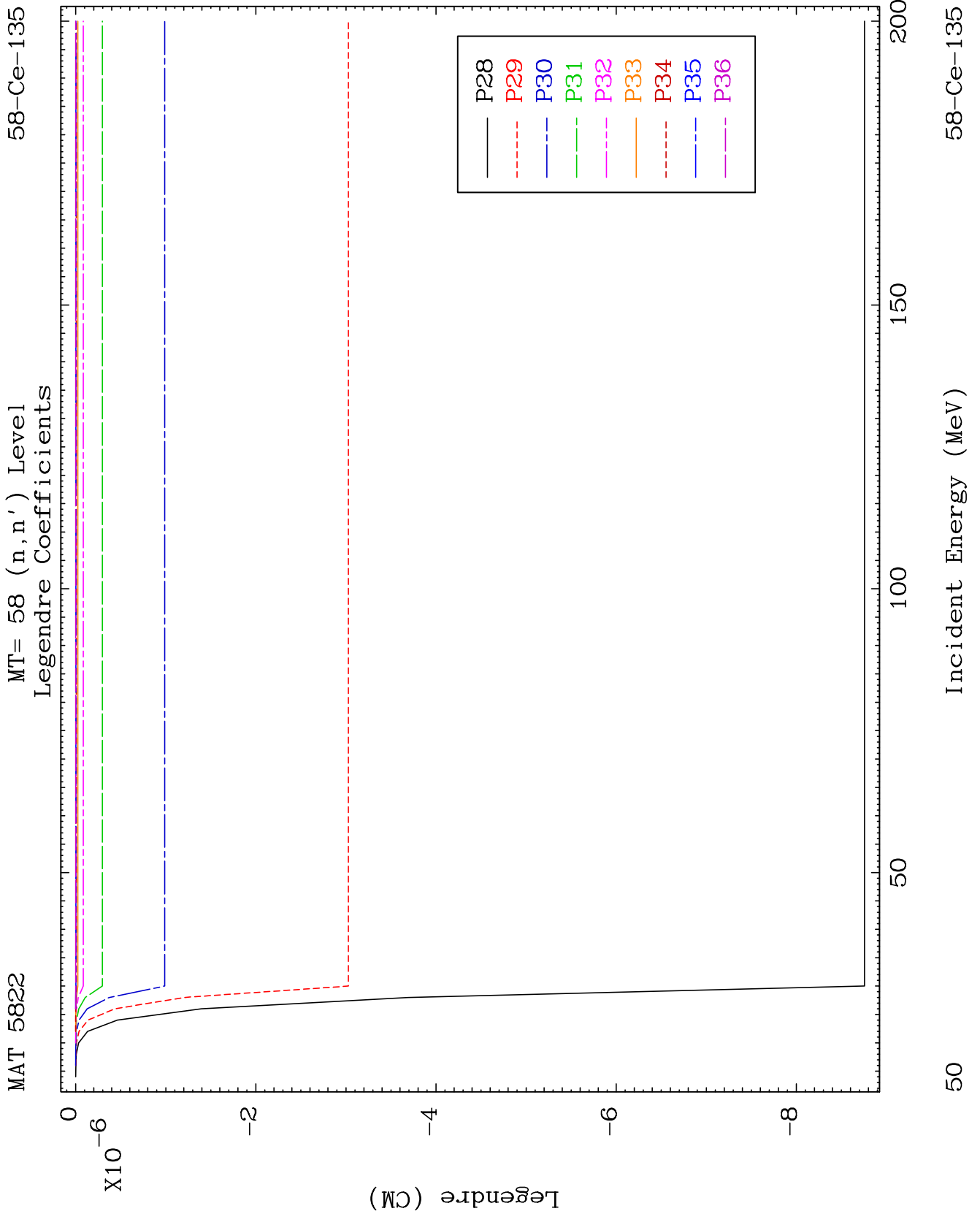
MAT 58222

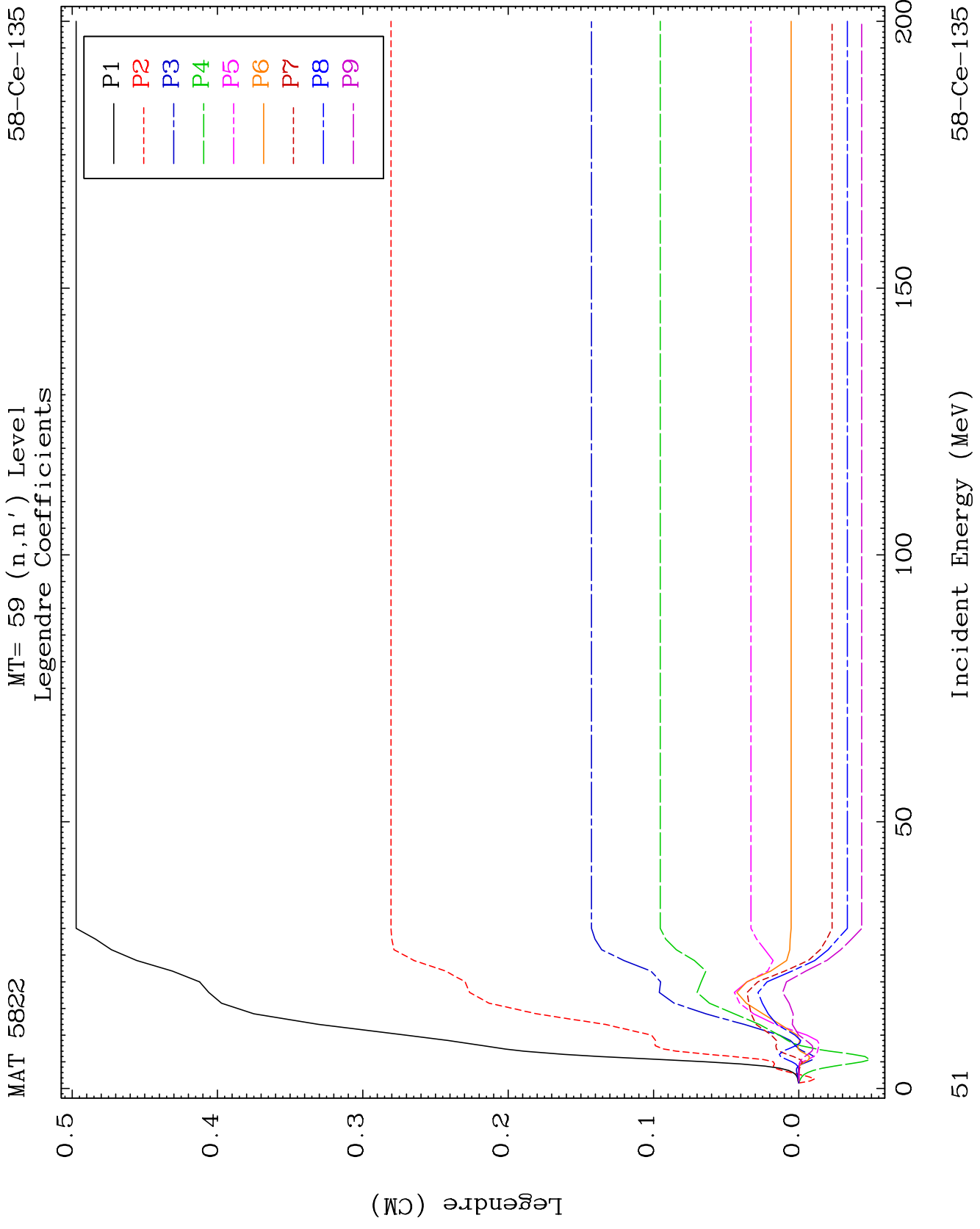
MT= 58 (n,n') Level
Legendre Coefficients

58-Ce-135





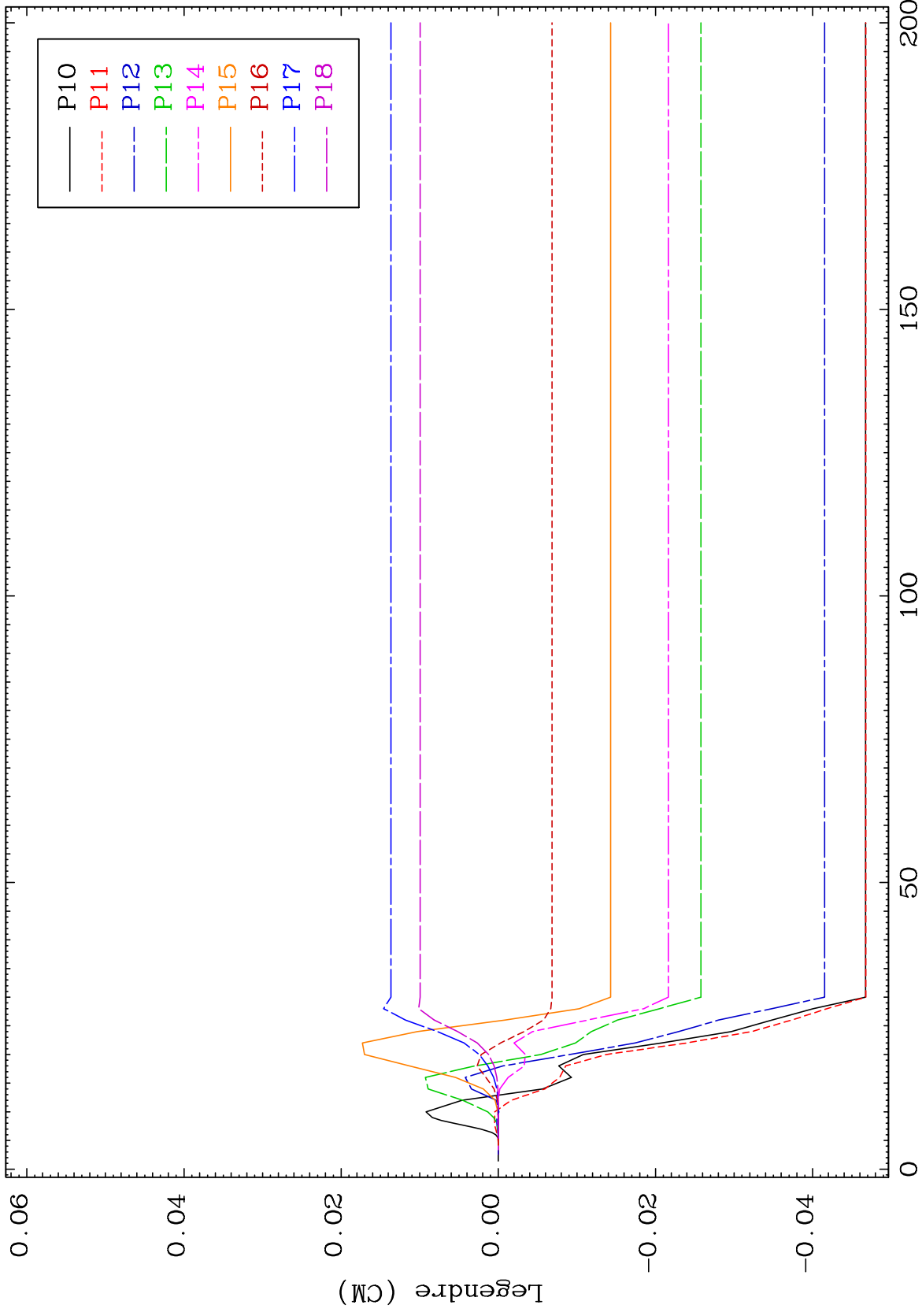




MAT 58222

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

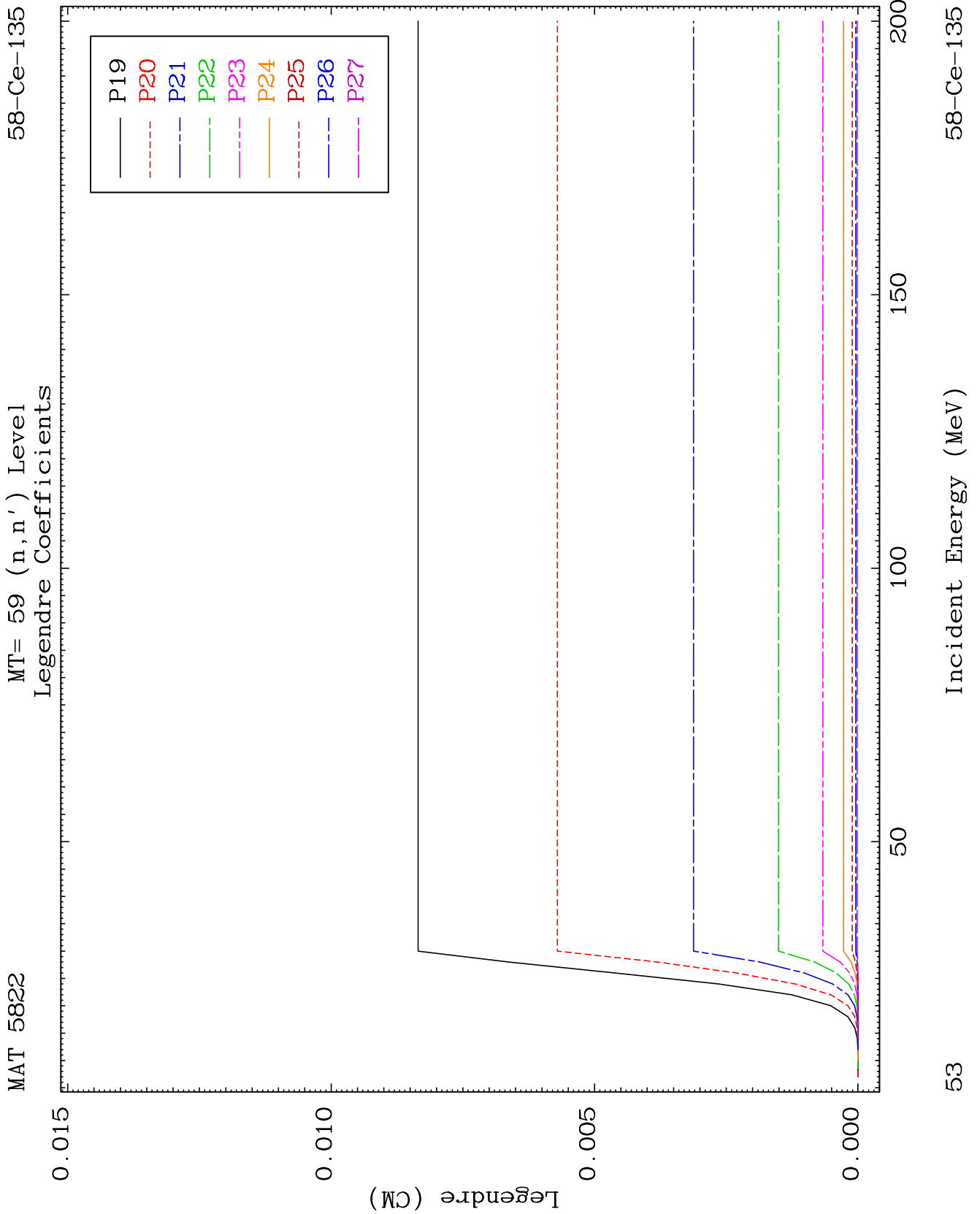
58-Ce-135



52

Incident Energy (MeV)

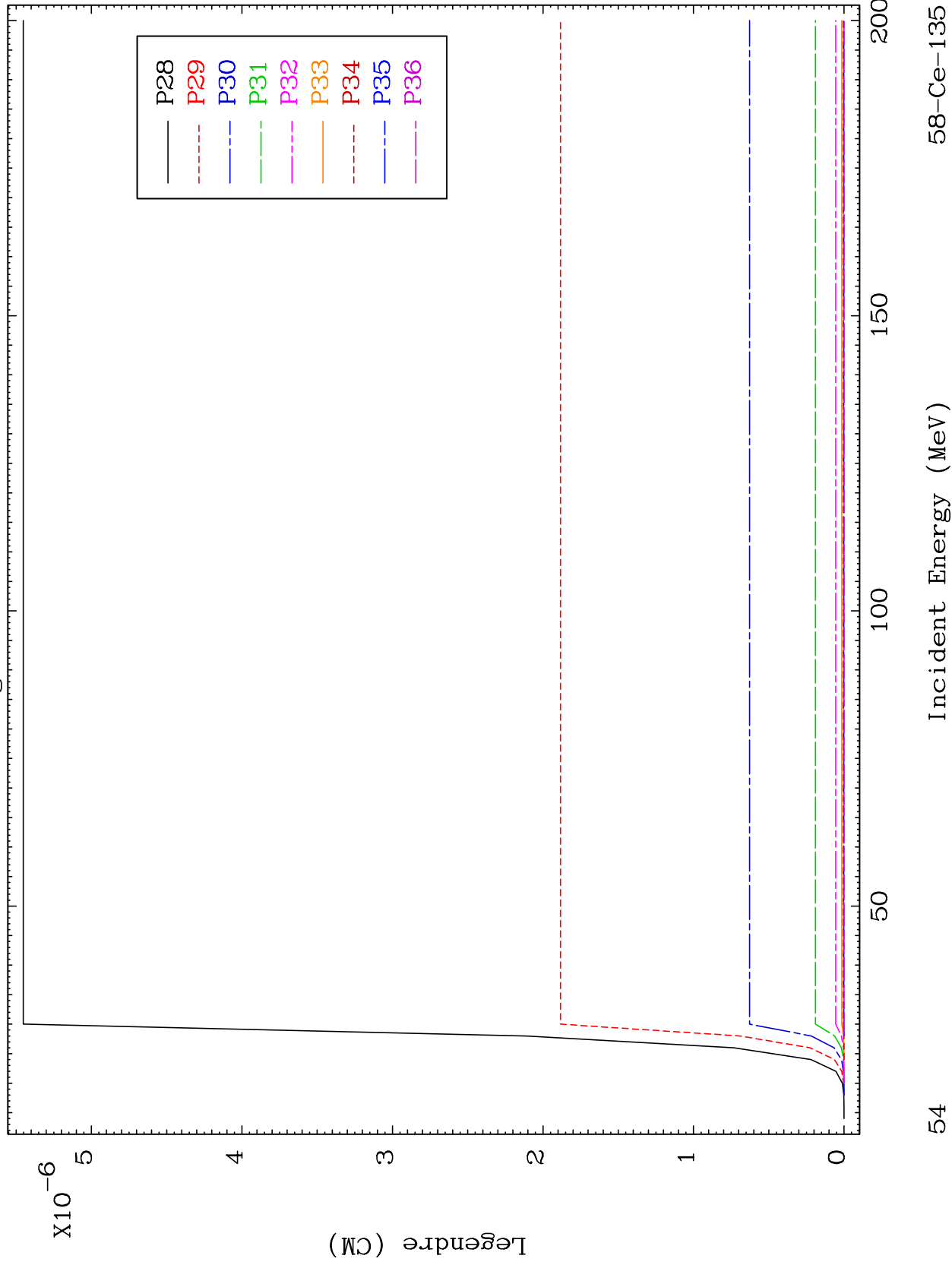
58-Ce-135



MAT 58222

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

58-Ce-135



54

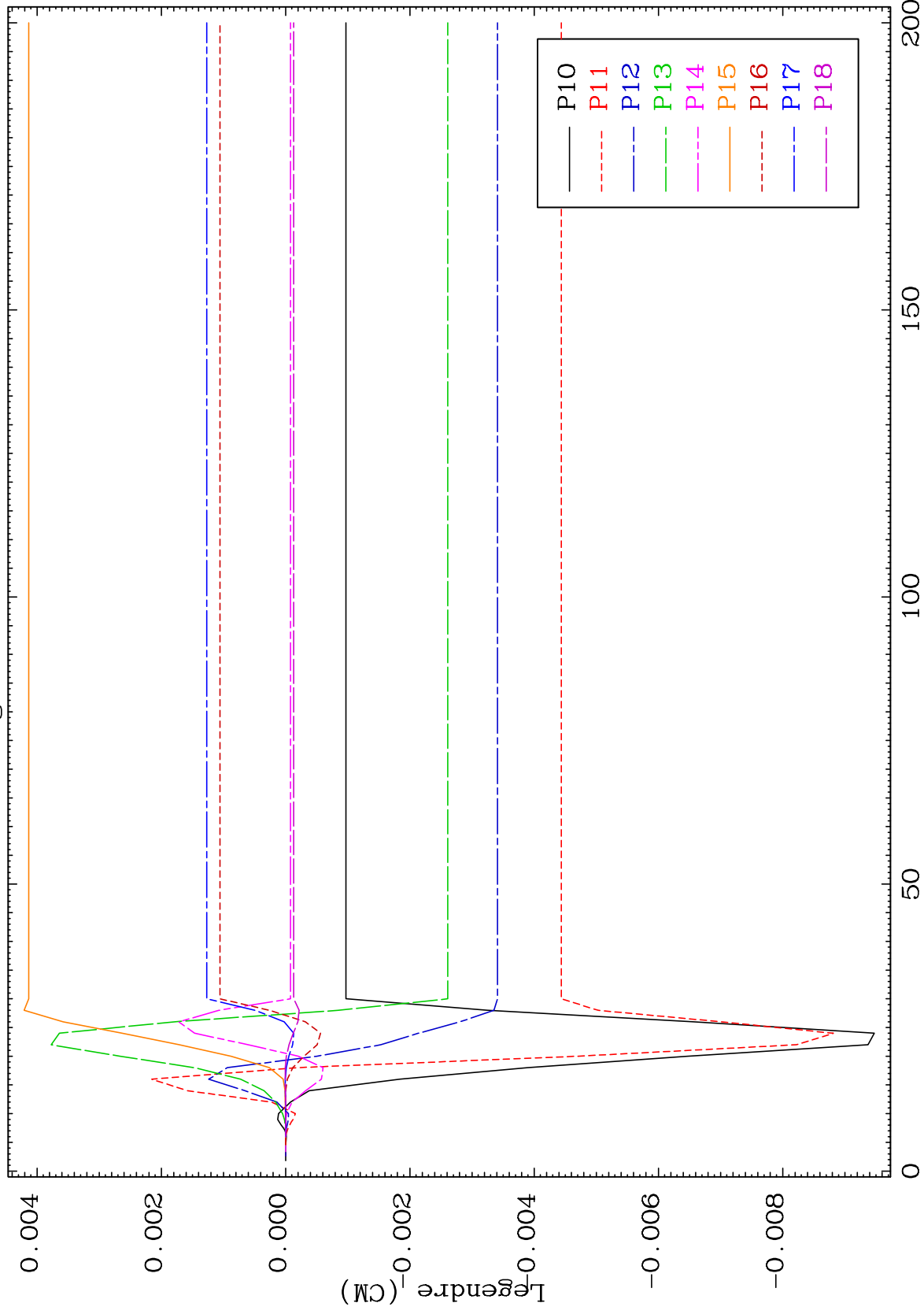
Incident Energy (MeV)

58-Ce-135

MAT 58222

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

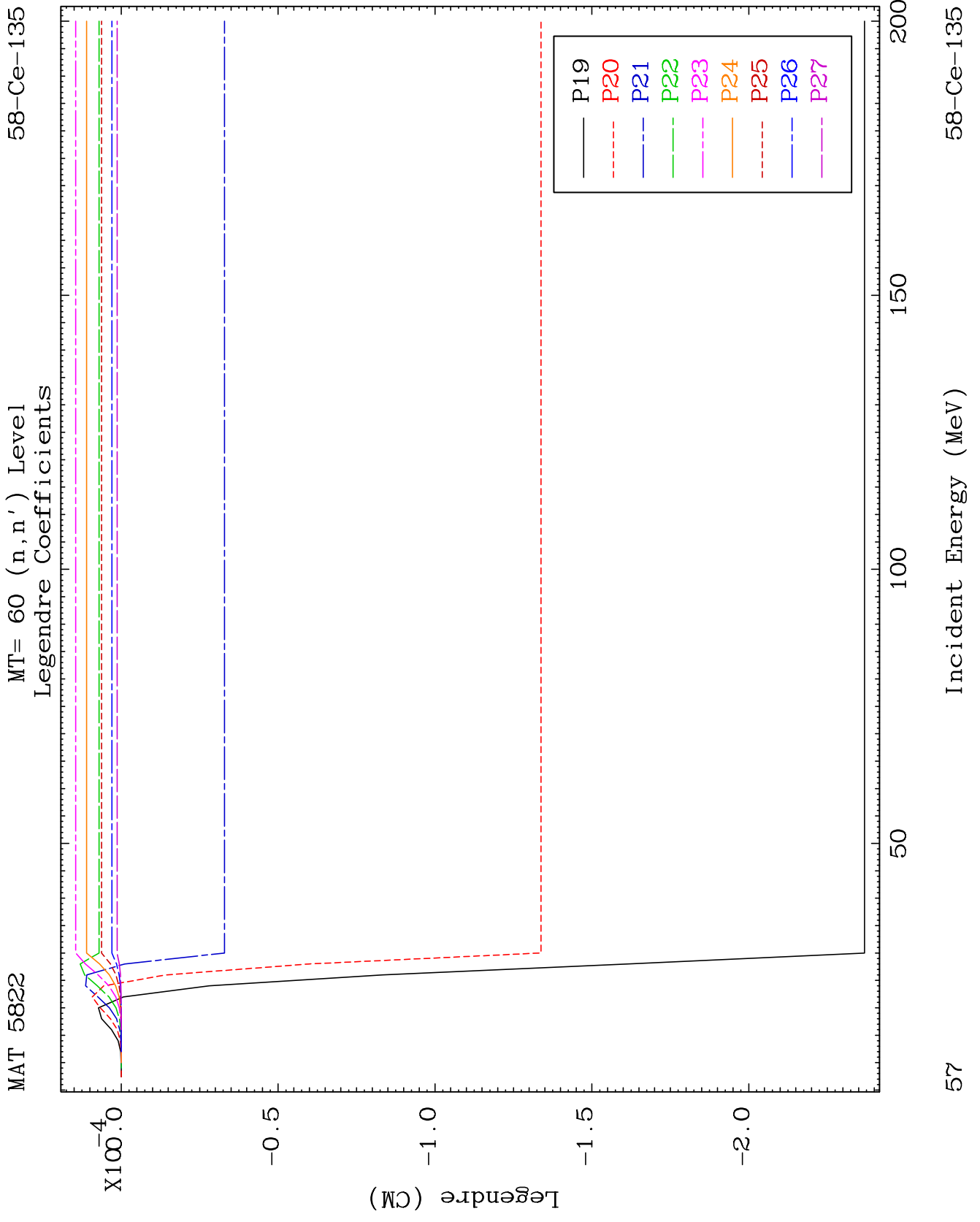
58-Ce-135



56

Incident Energy (MeV)

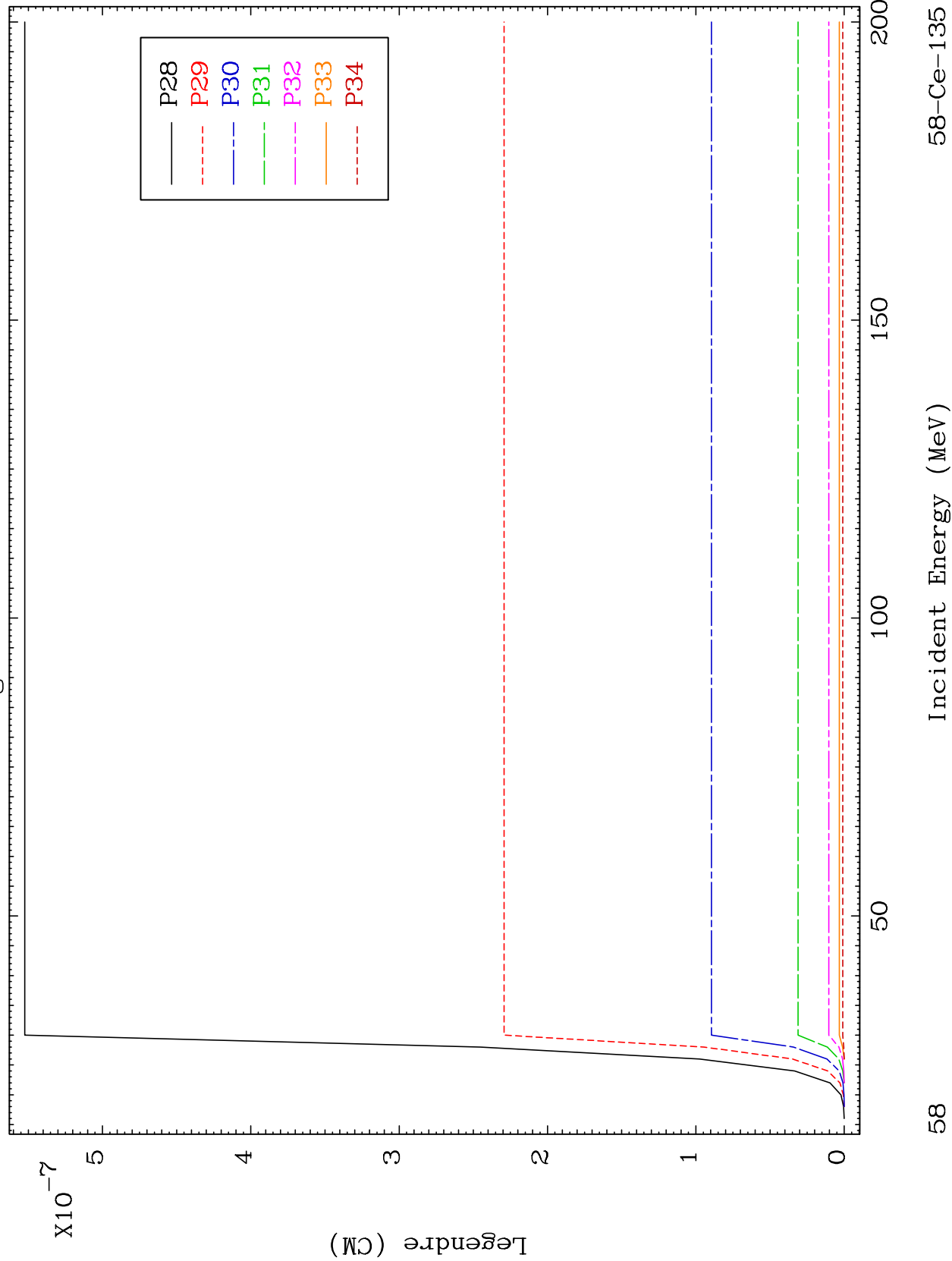
58-Ce-135



MAT 5822

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

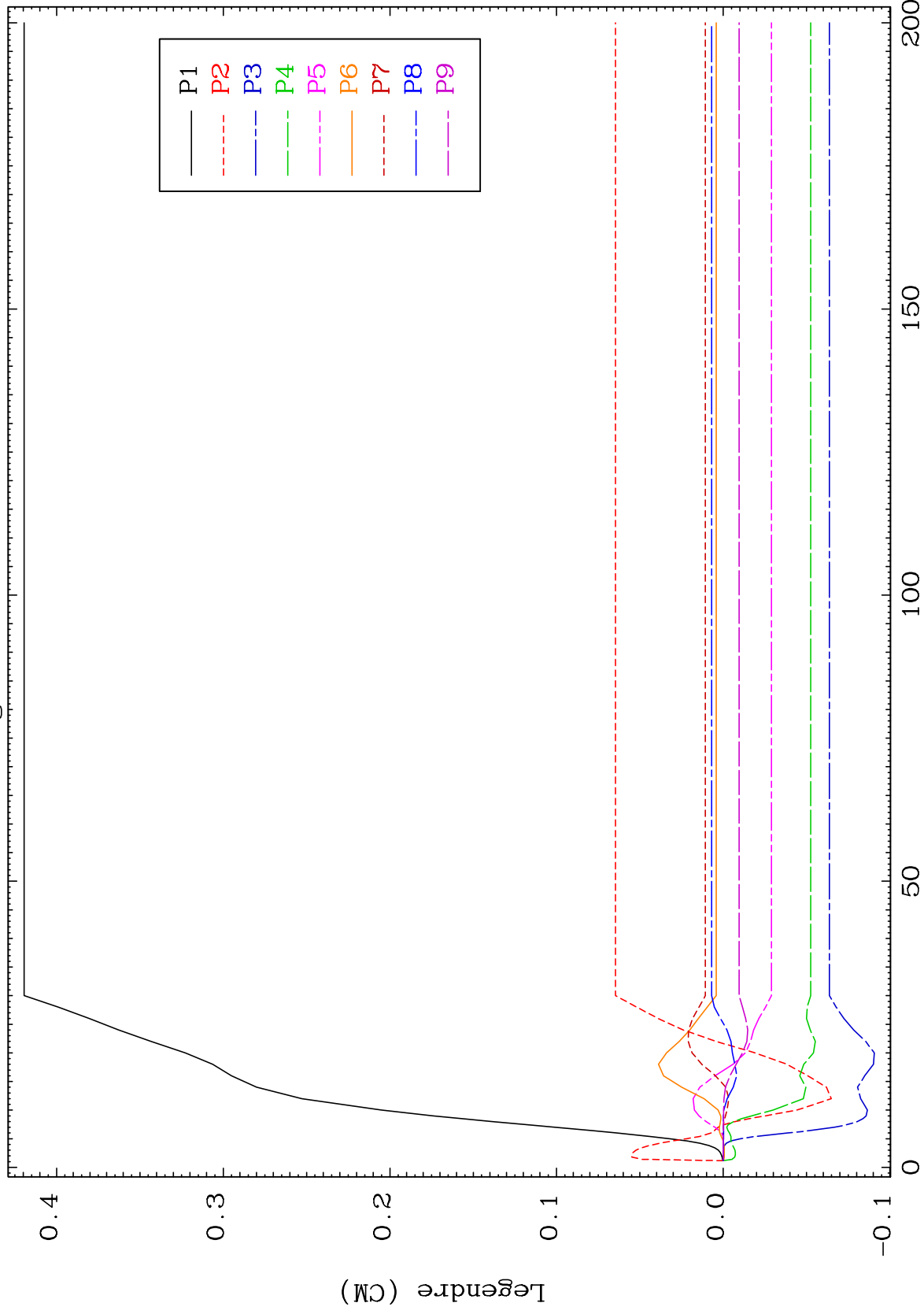
58-Ce-135



MAT 58222

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

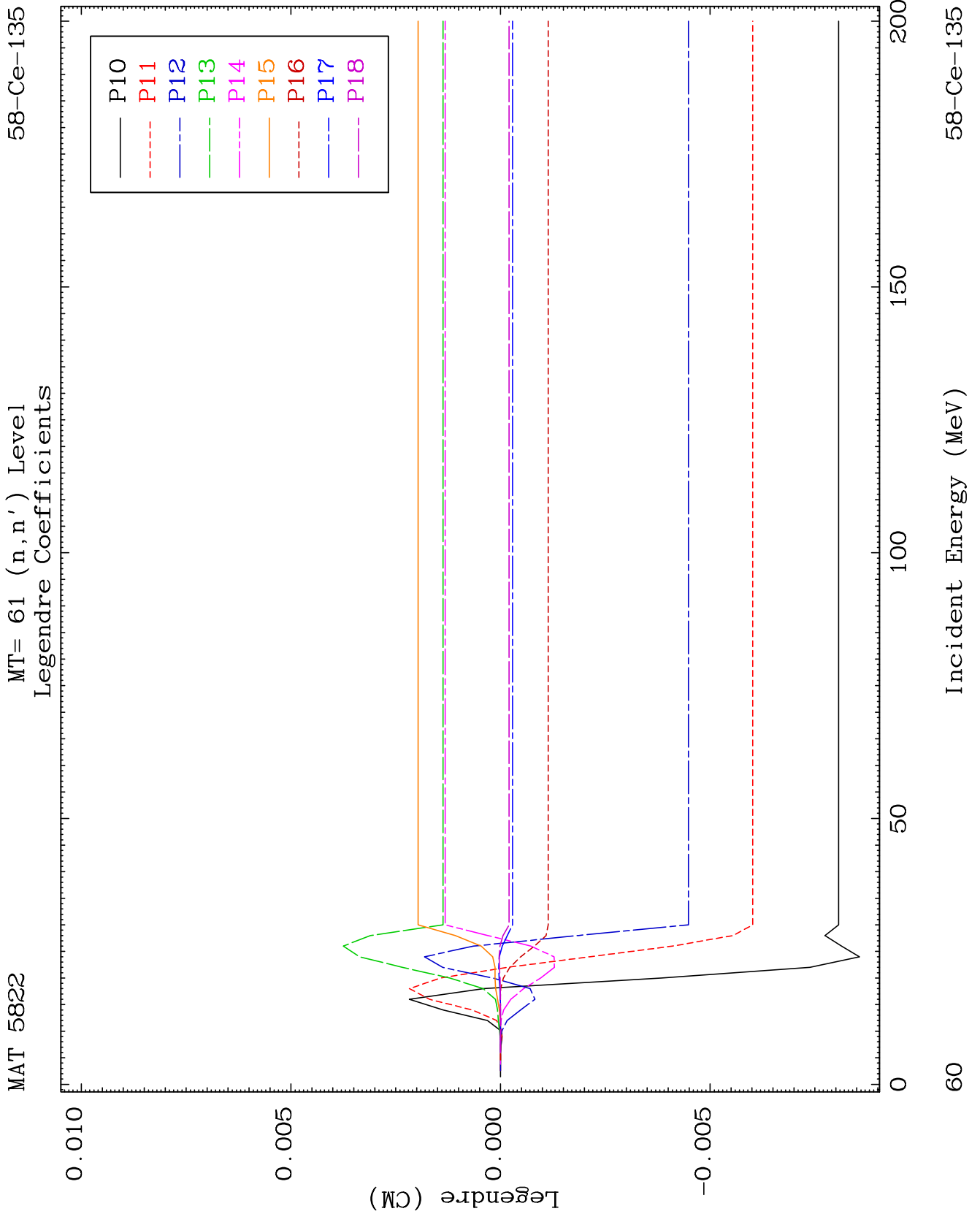
58-Ce-135



59

Incident Energy (MeV)

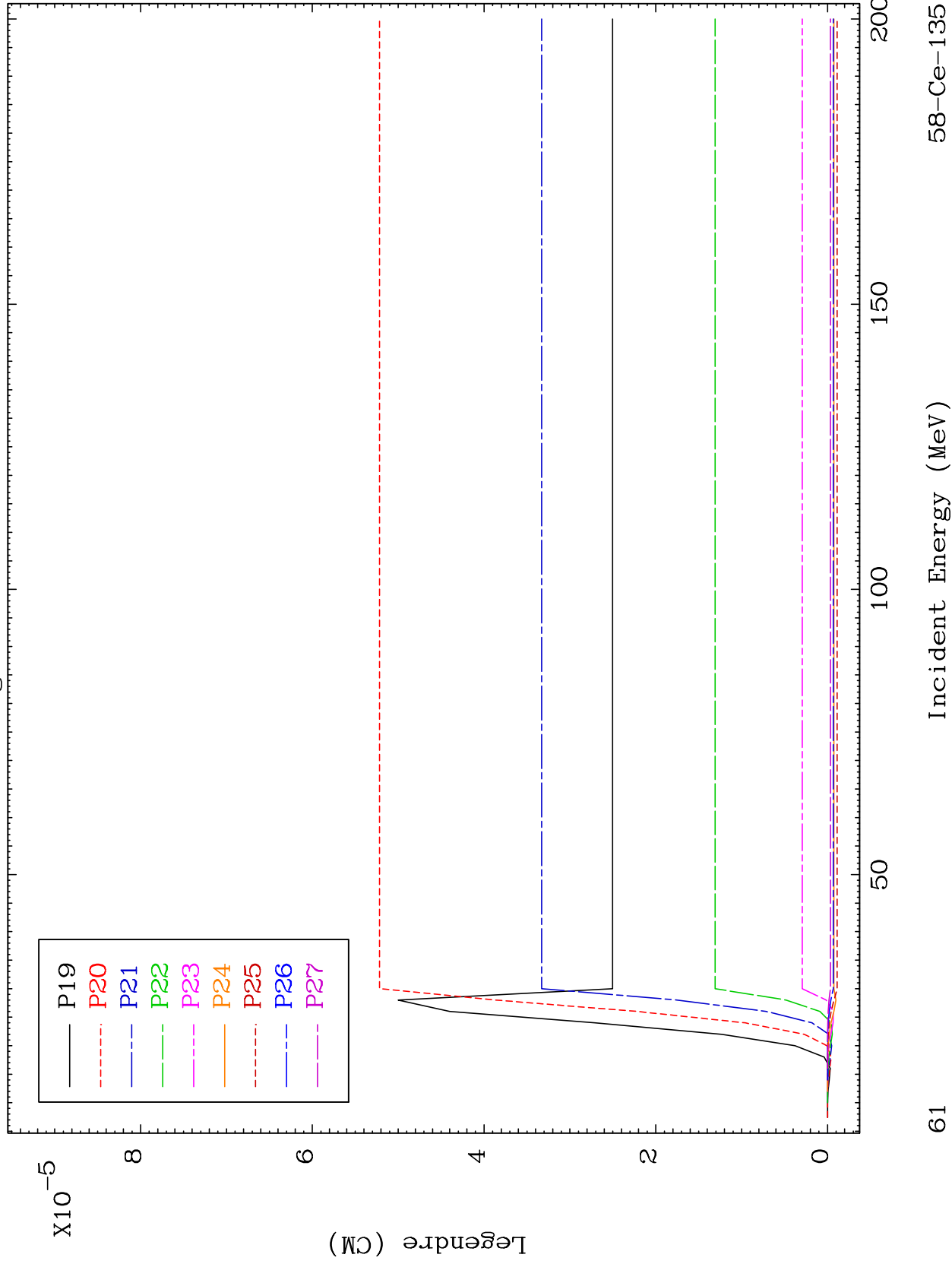
58-Ce-135



MAT 58222

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

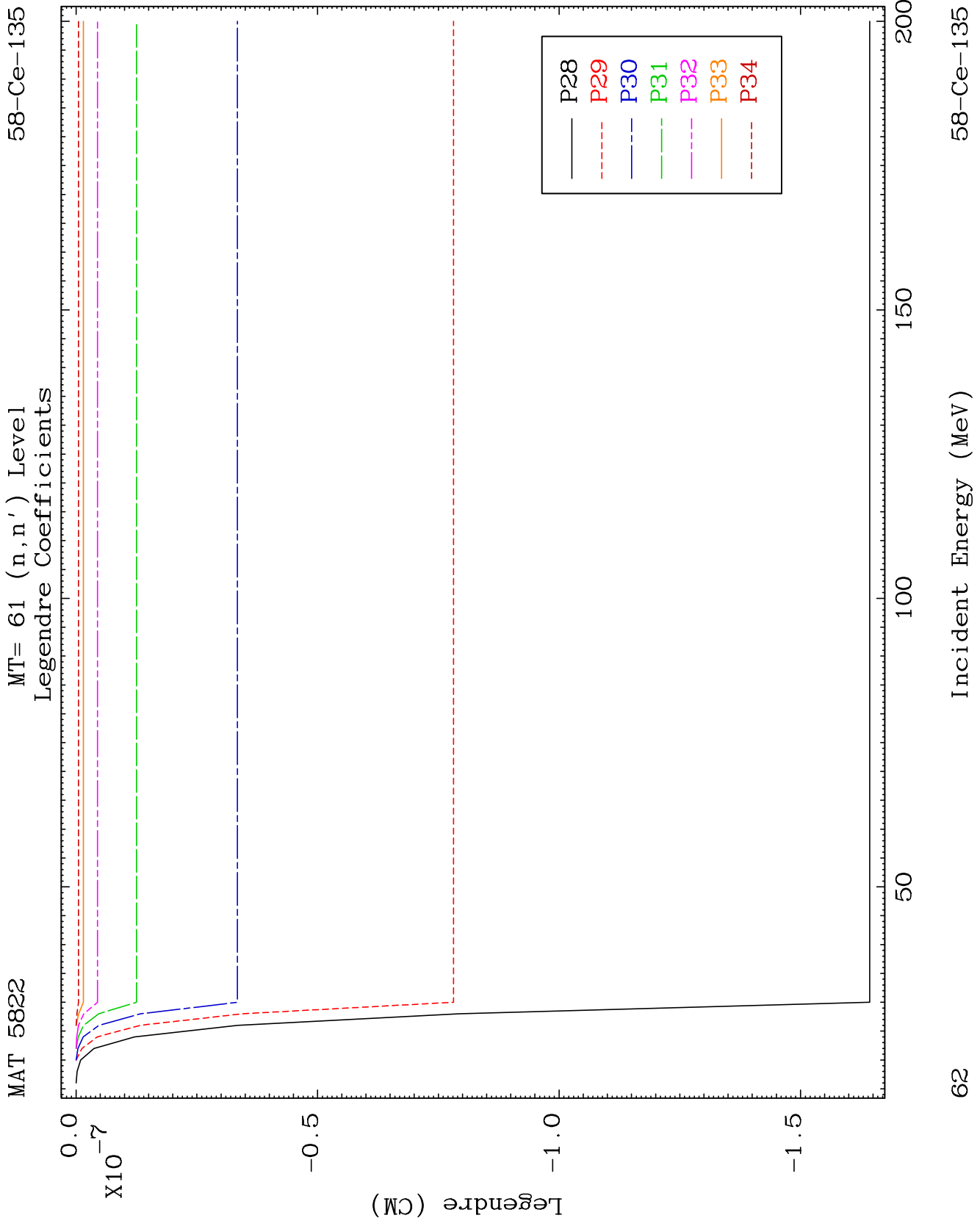
58-Ce-135



61

Incident Energy (MeV)

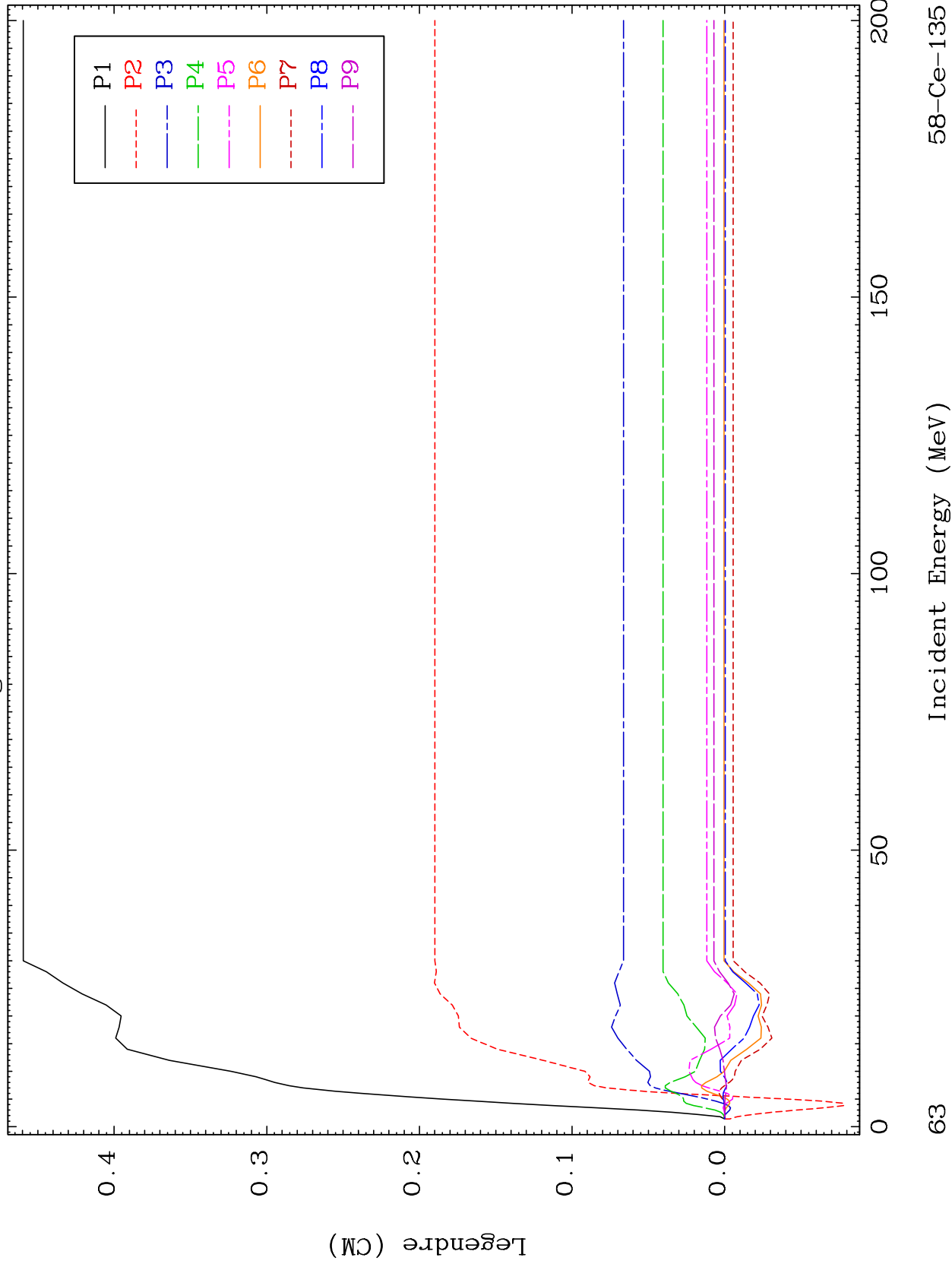
58-Ce-135



MAT 5822

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

58-Ce-135



58-Ce-135

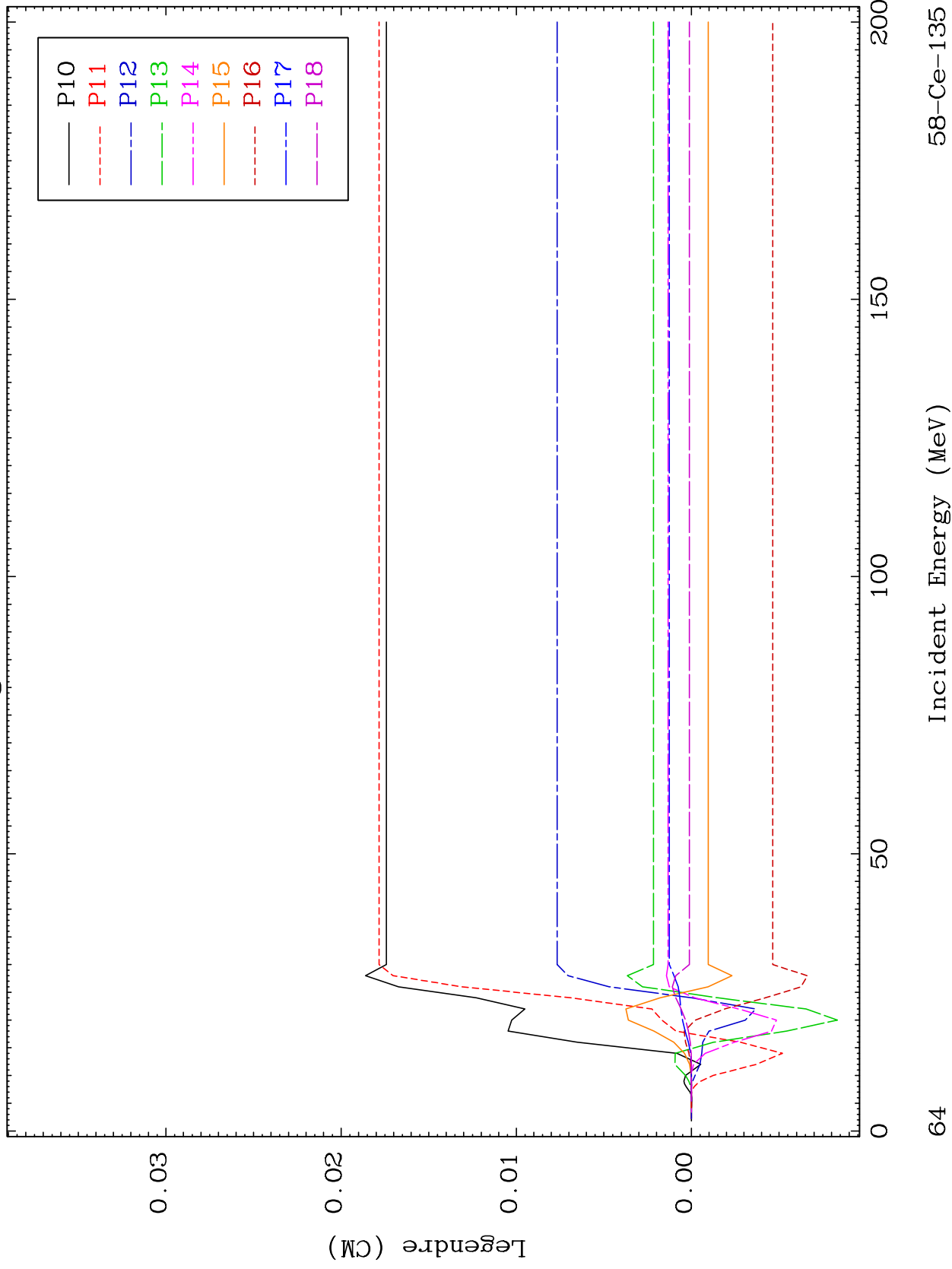
Incident Energy (MeV)

63

MAT 58222

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

58-Ce-135



58-Ce-135

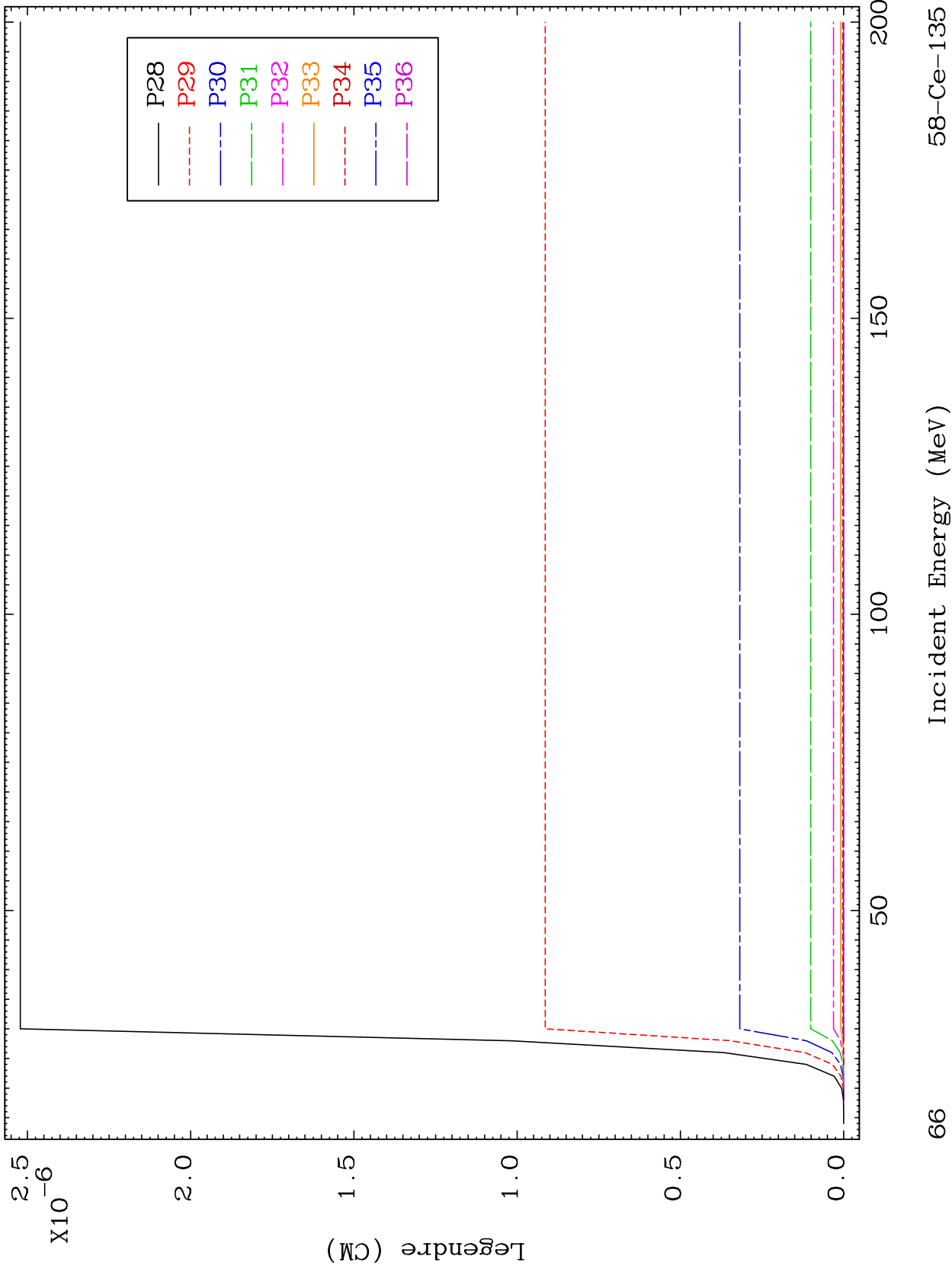
Incident Energy (MeV)

64

MAT 5822

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

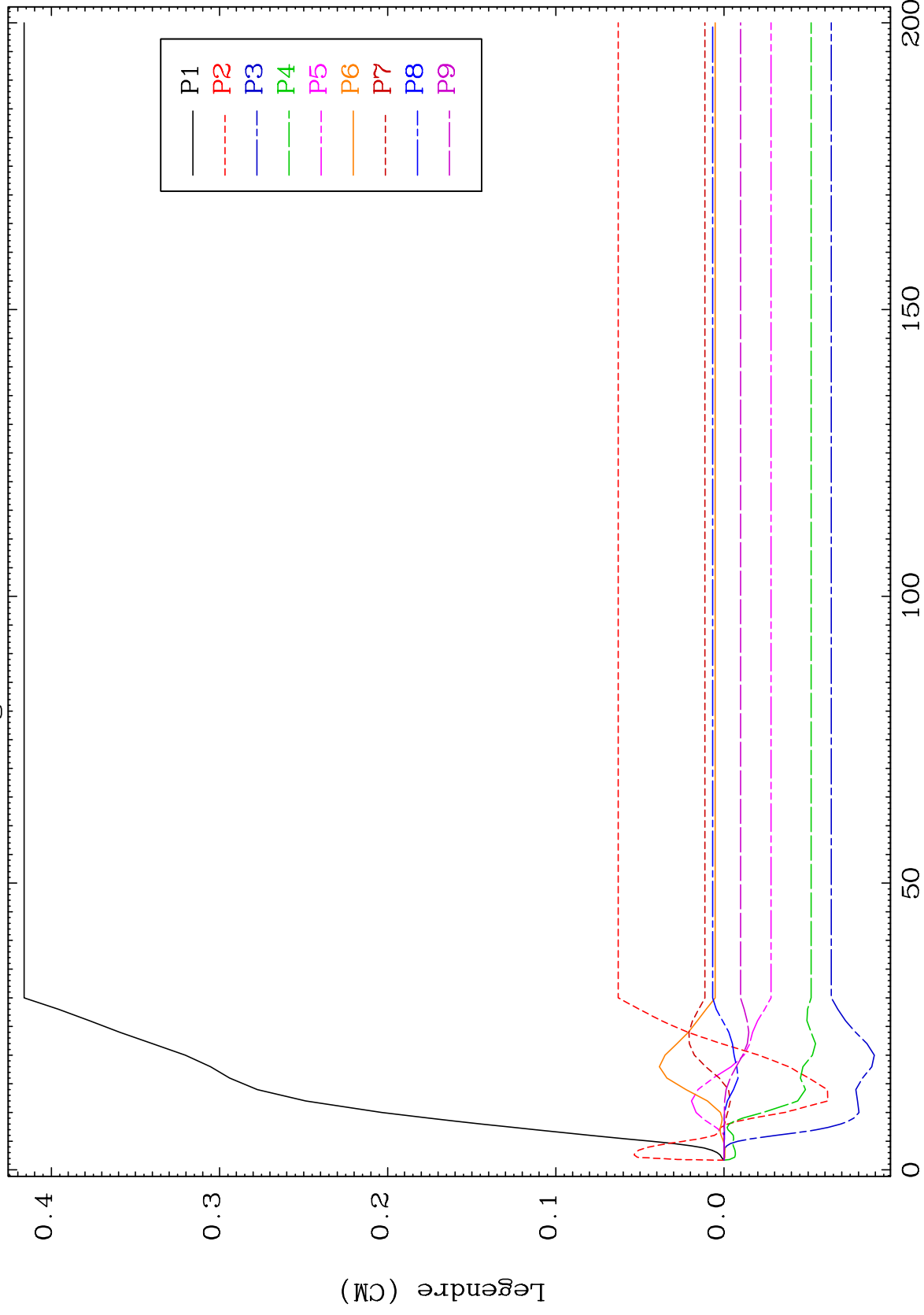
58-Ce-135



MAT 58222

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

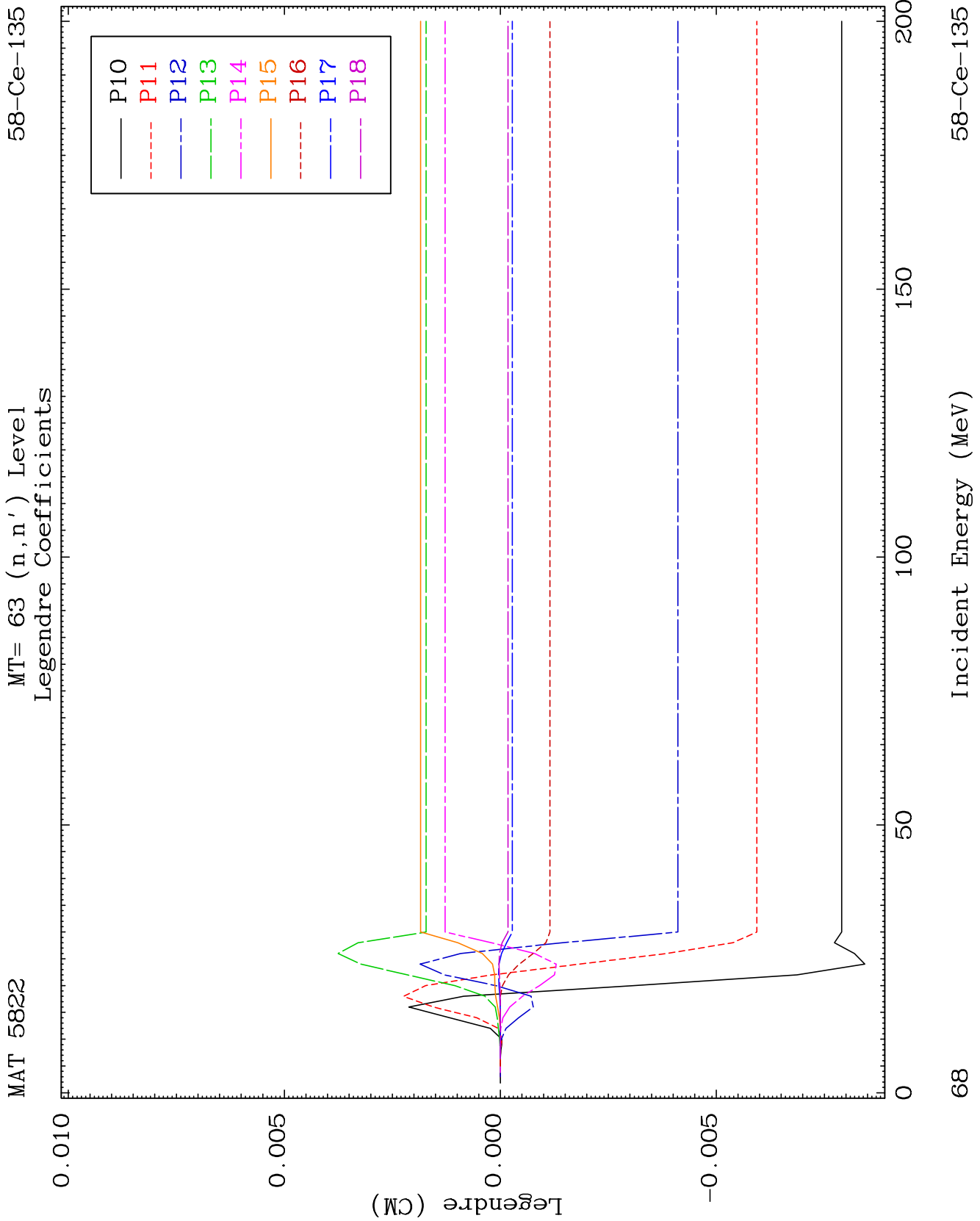
58-Ce-135



67

Incident Energy (MeV)

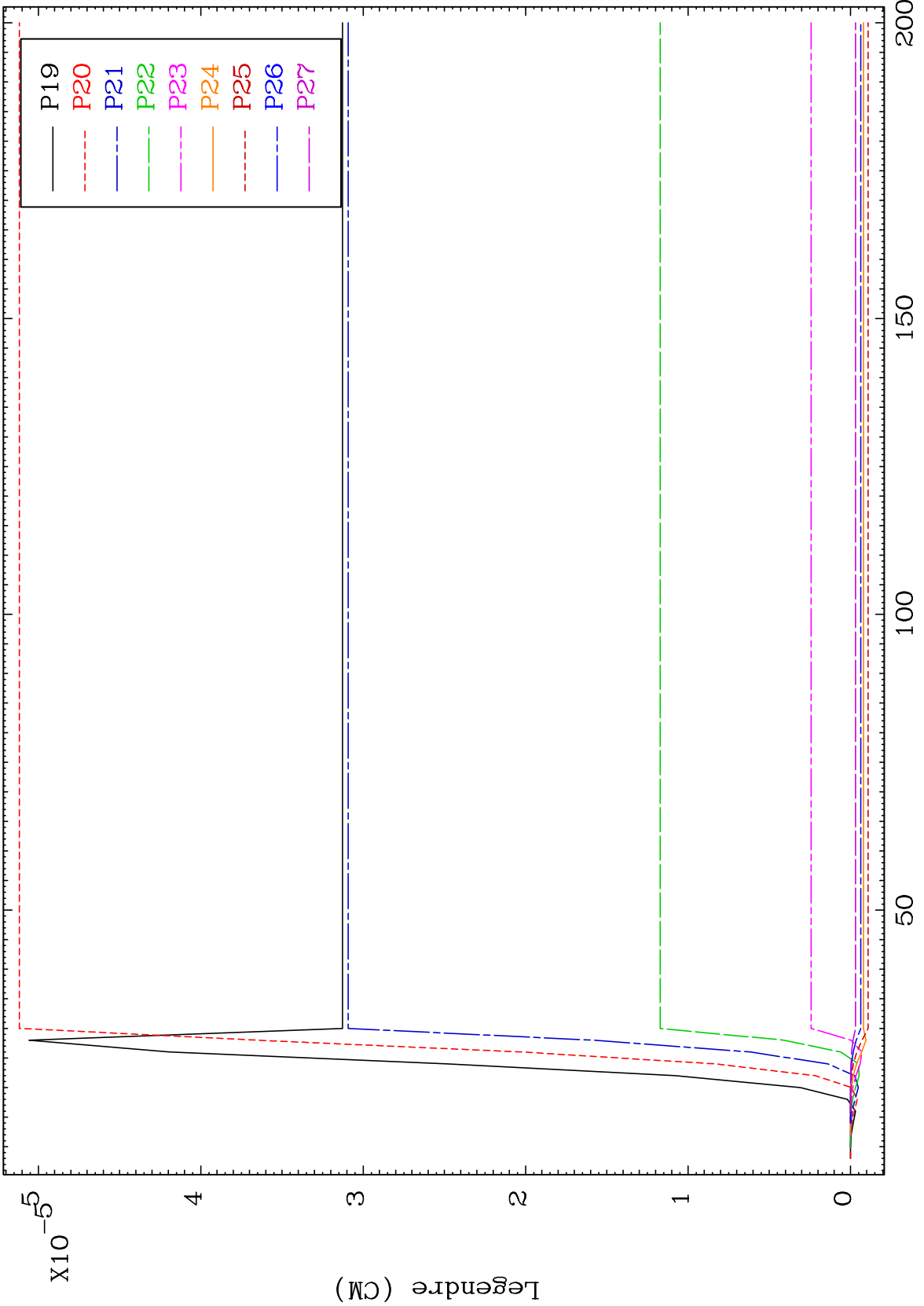
58-Ce-135



MAT 58222

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

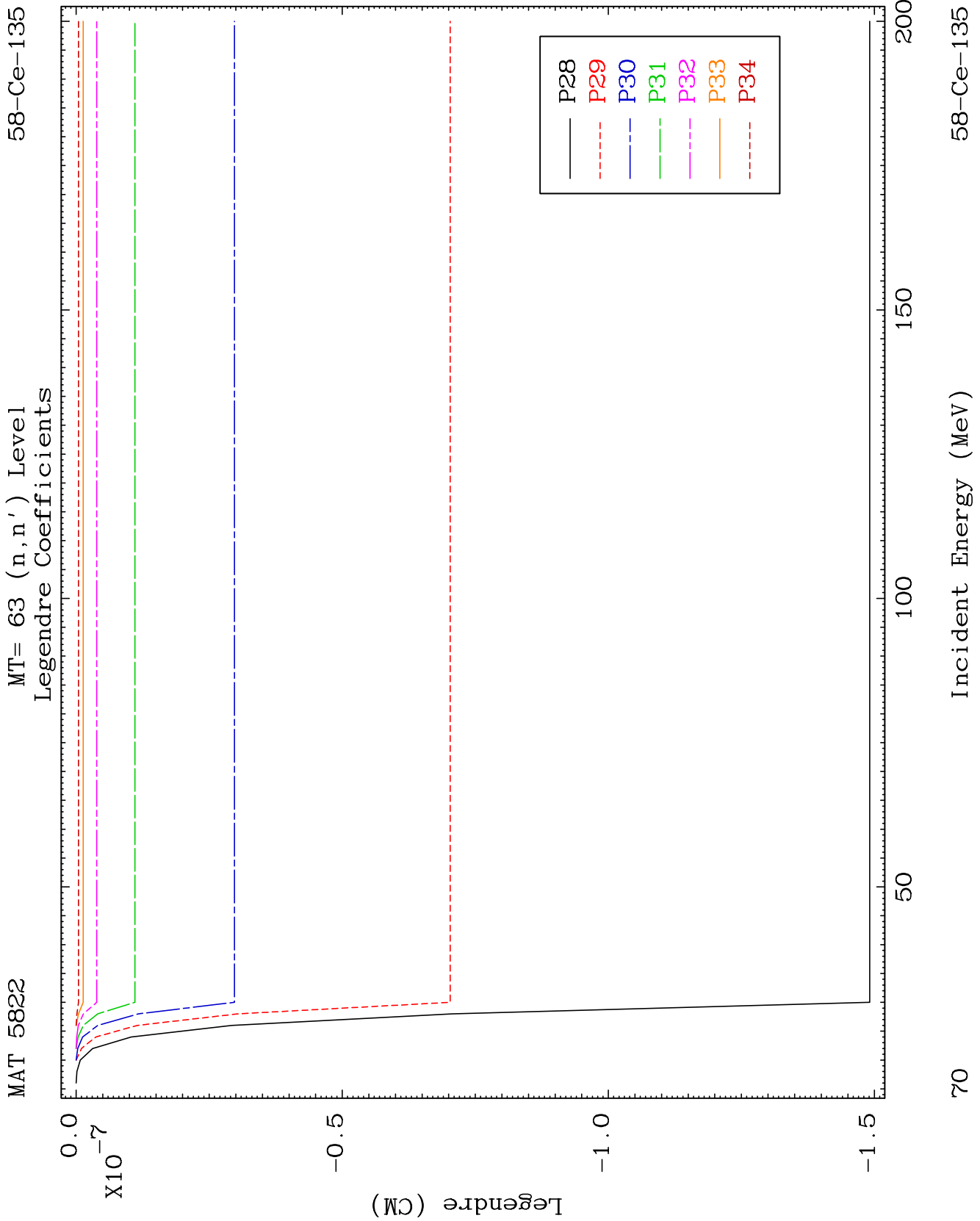
58-Ce-135



58-Ce-135

Incident Energy (MeV)

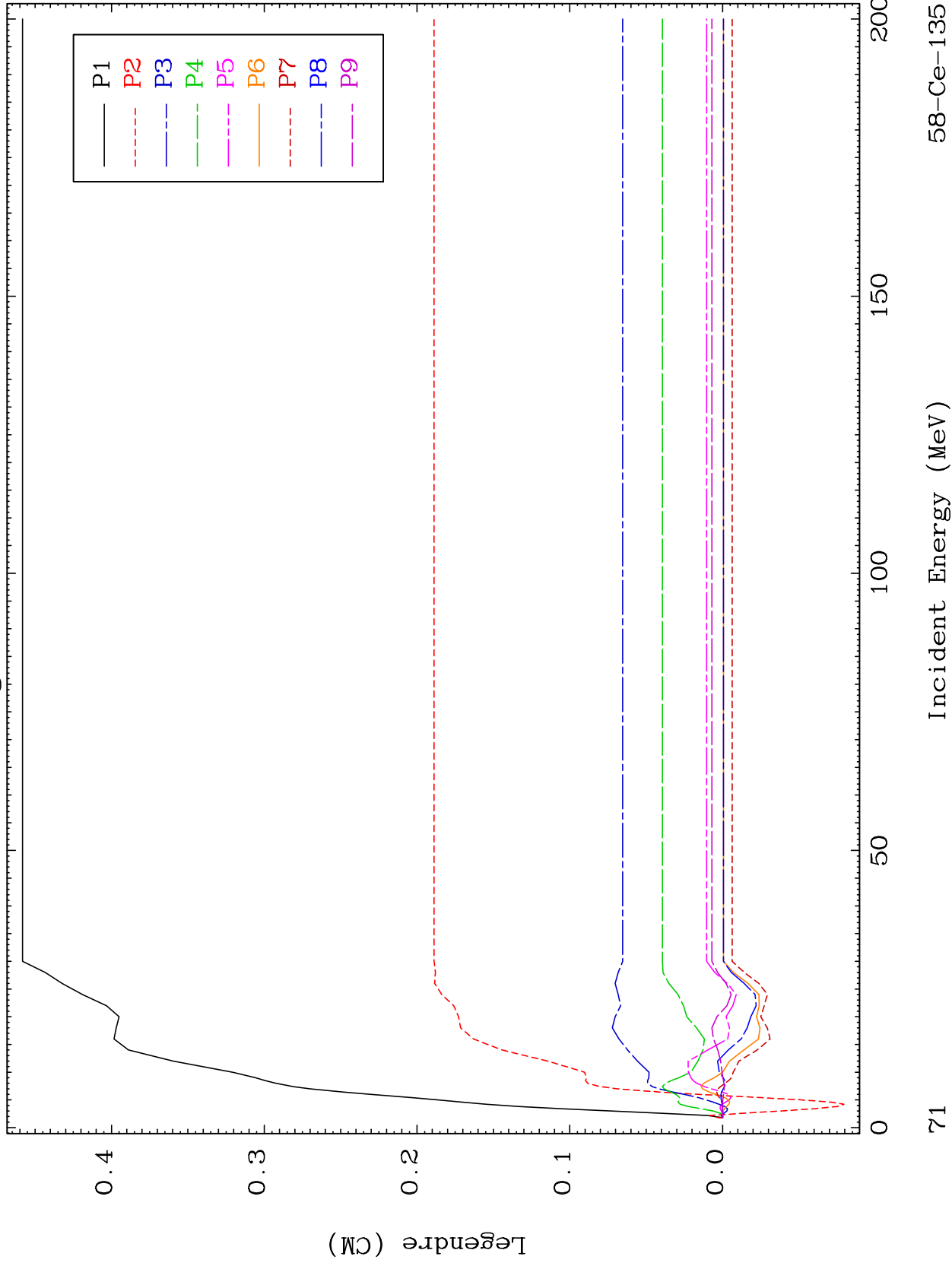
69



MAT 58222

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

58-Ce-135



58-Ce-135

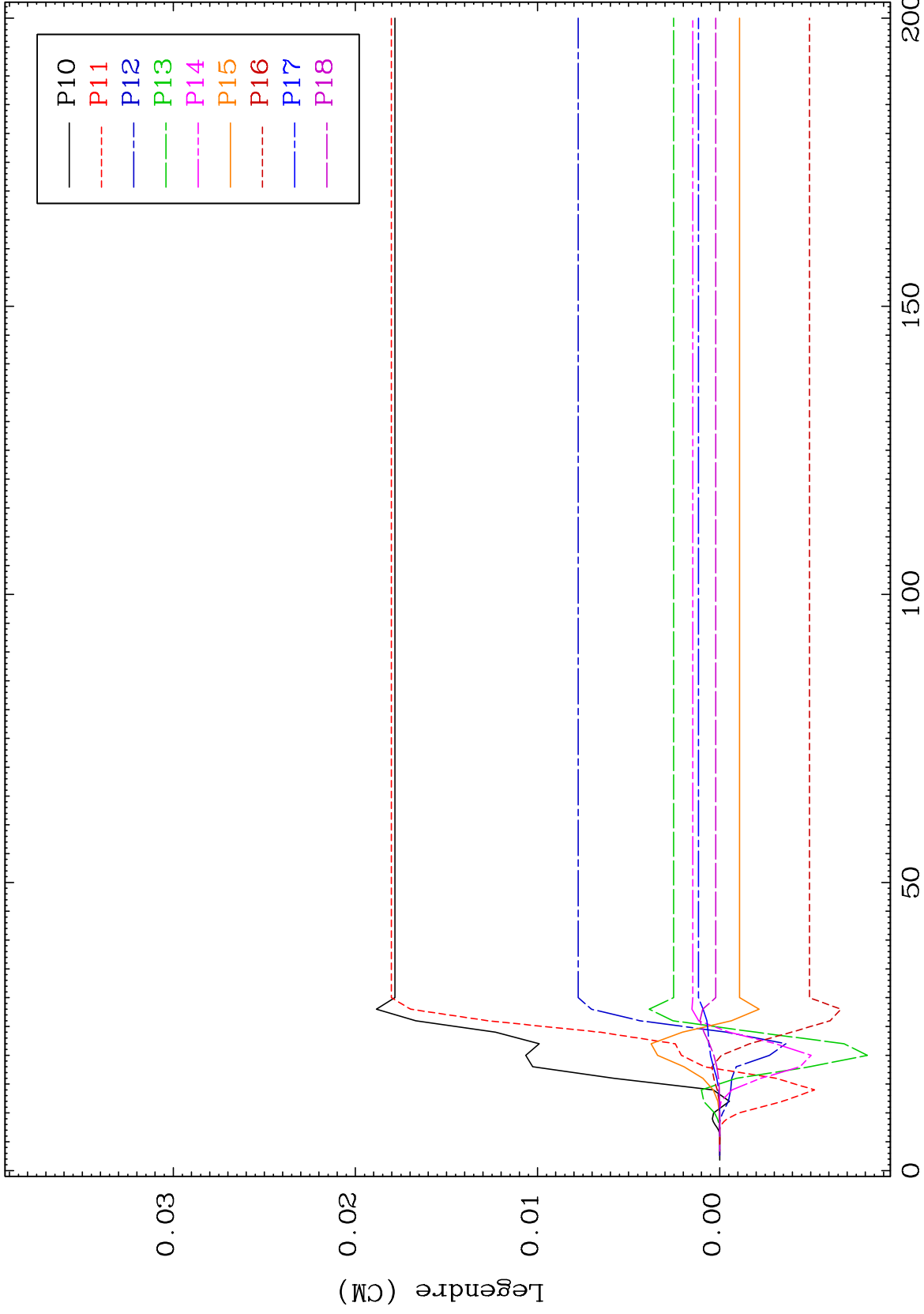
Incident Energy (MeV)

71

MAT 58222

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

58-Ce-135



72

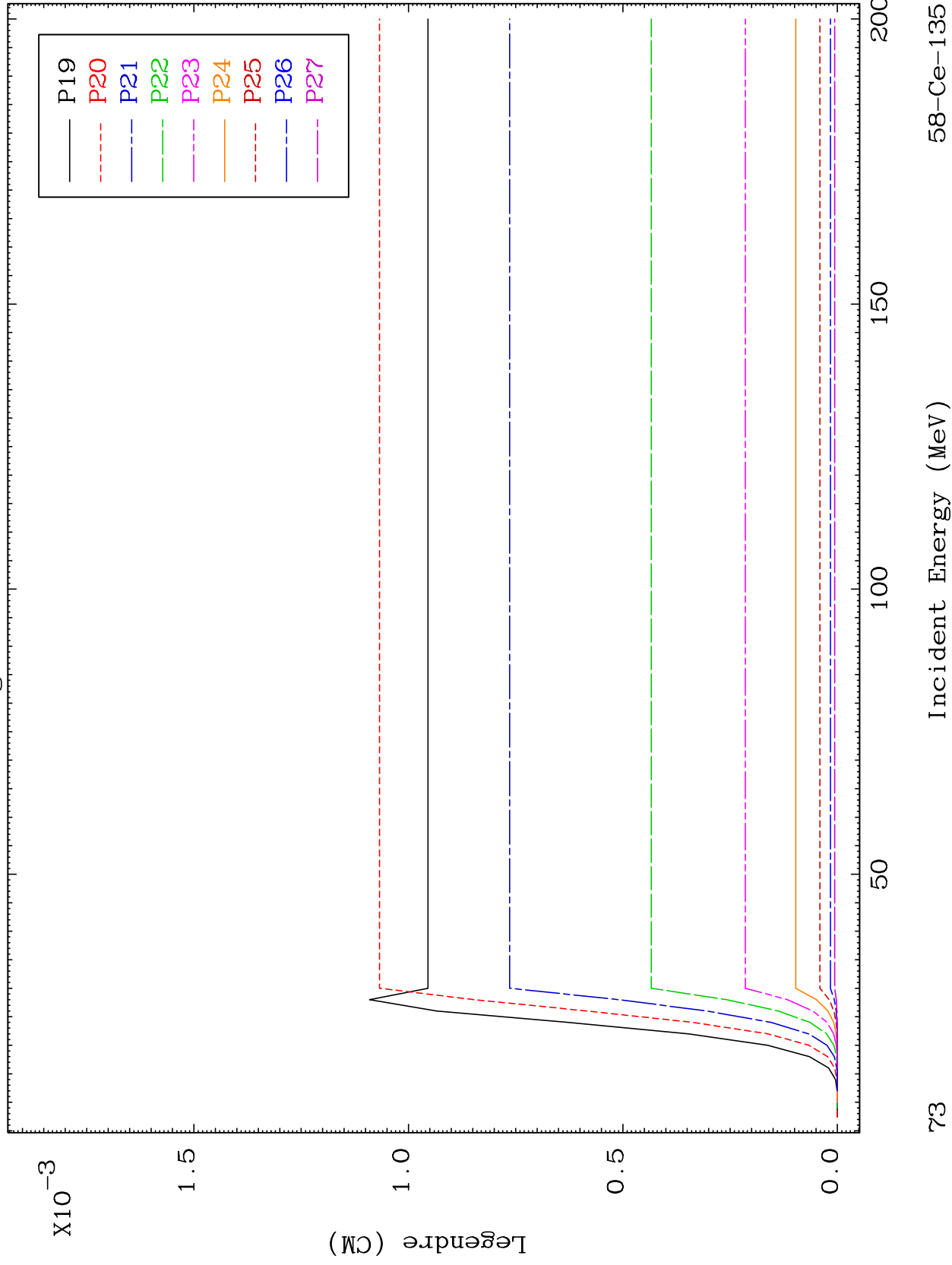
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

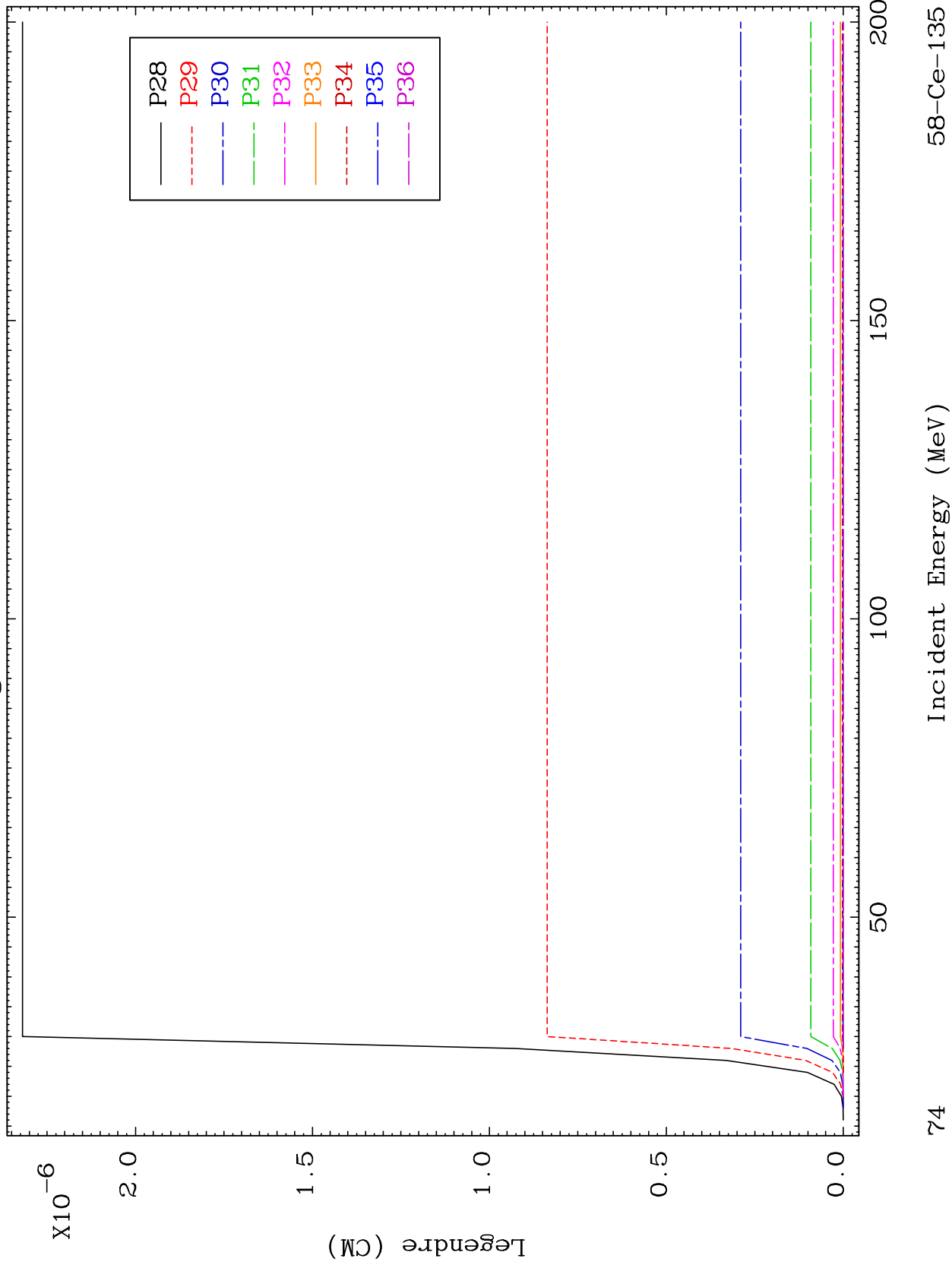
58-Ce-135



MAT 5822

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

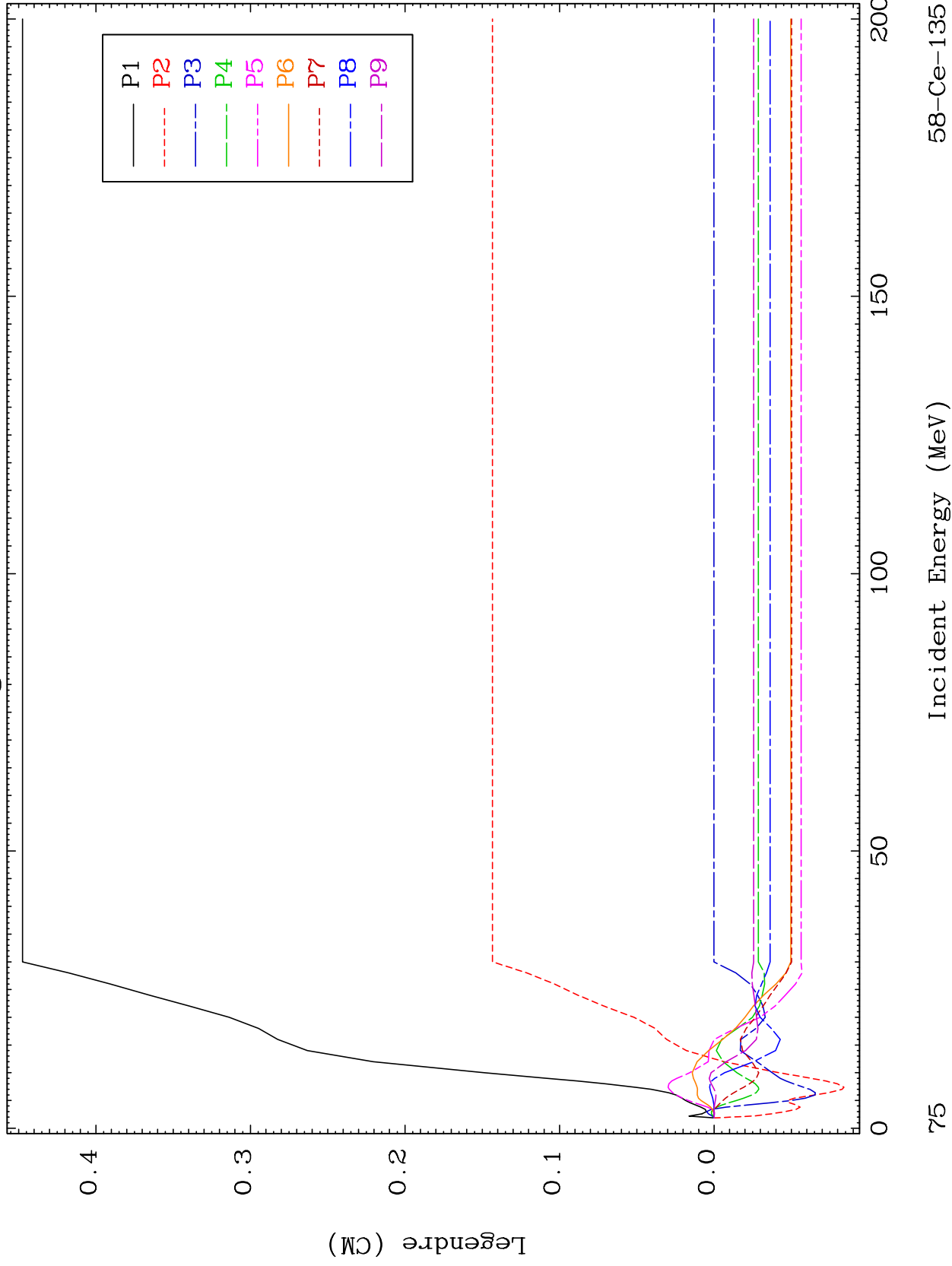
58-Ce-135



MAT 58222

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

58-Ce-135



58-Ce-135

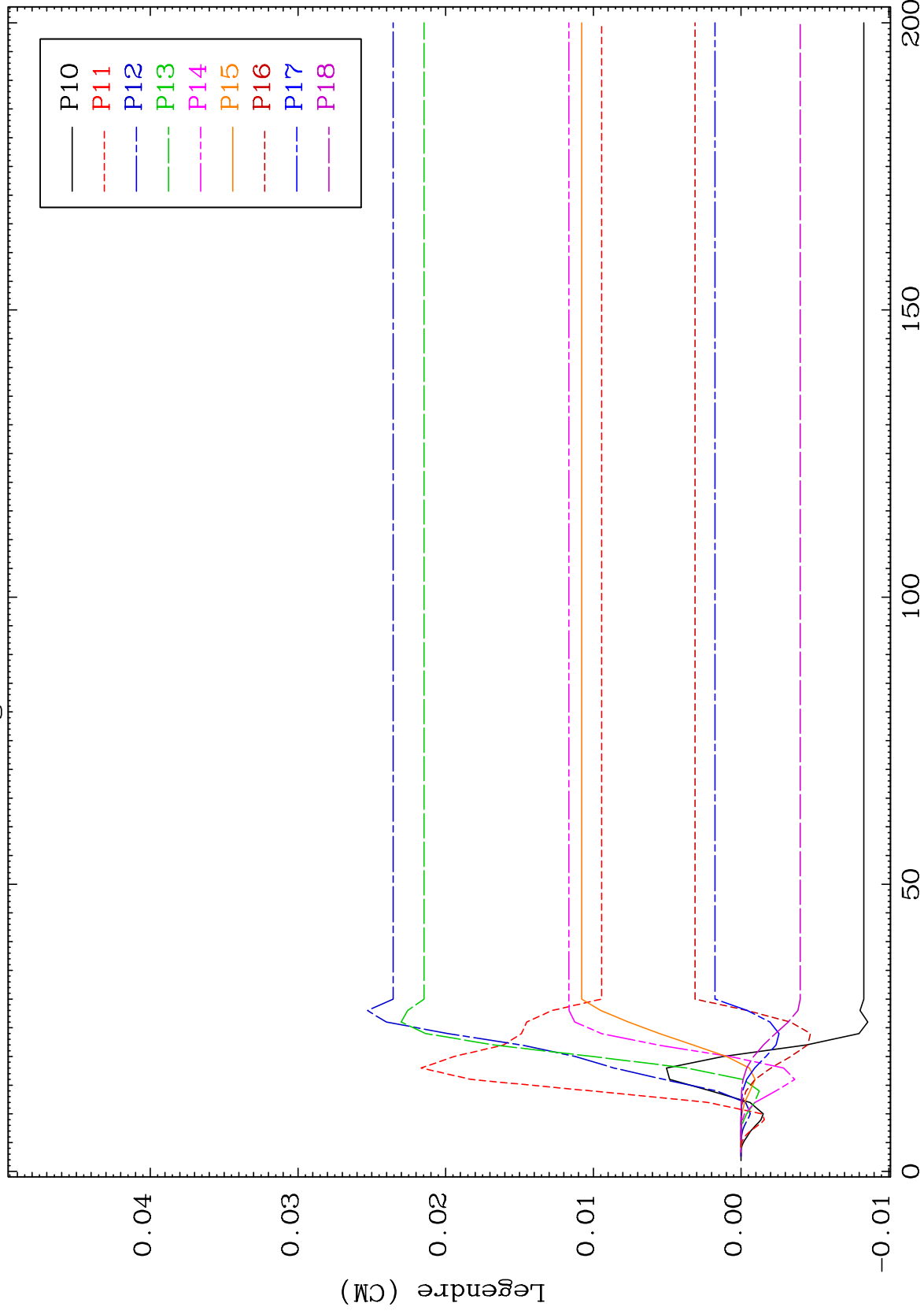
Incident Energy (MeV)

75

MAT 5822

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

58-Ce-135



76

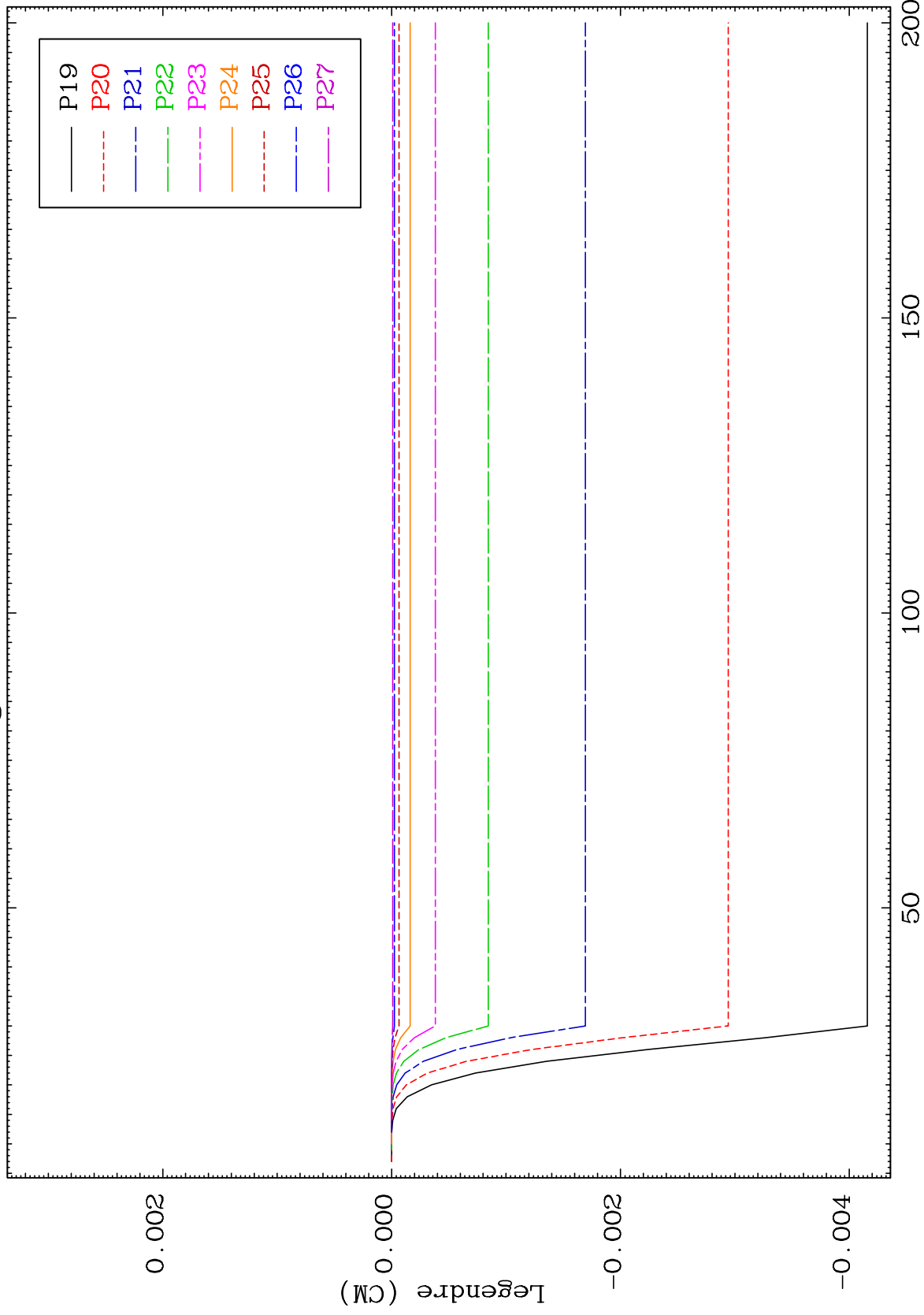
Incident Energy (MeV)

58-Ce-135

MAT 5822

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

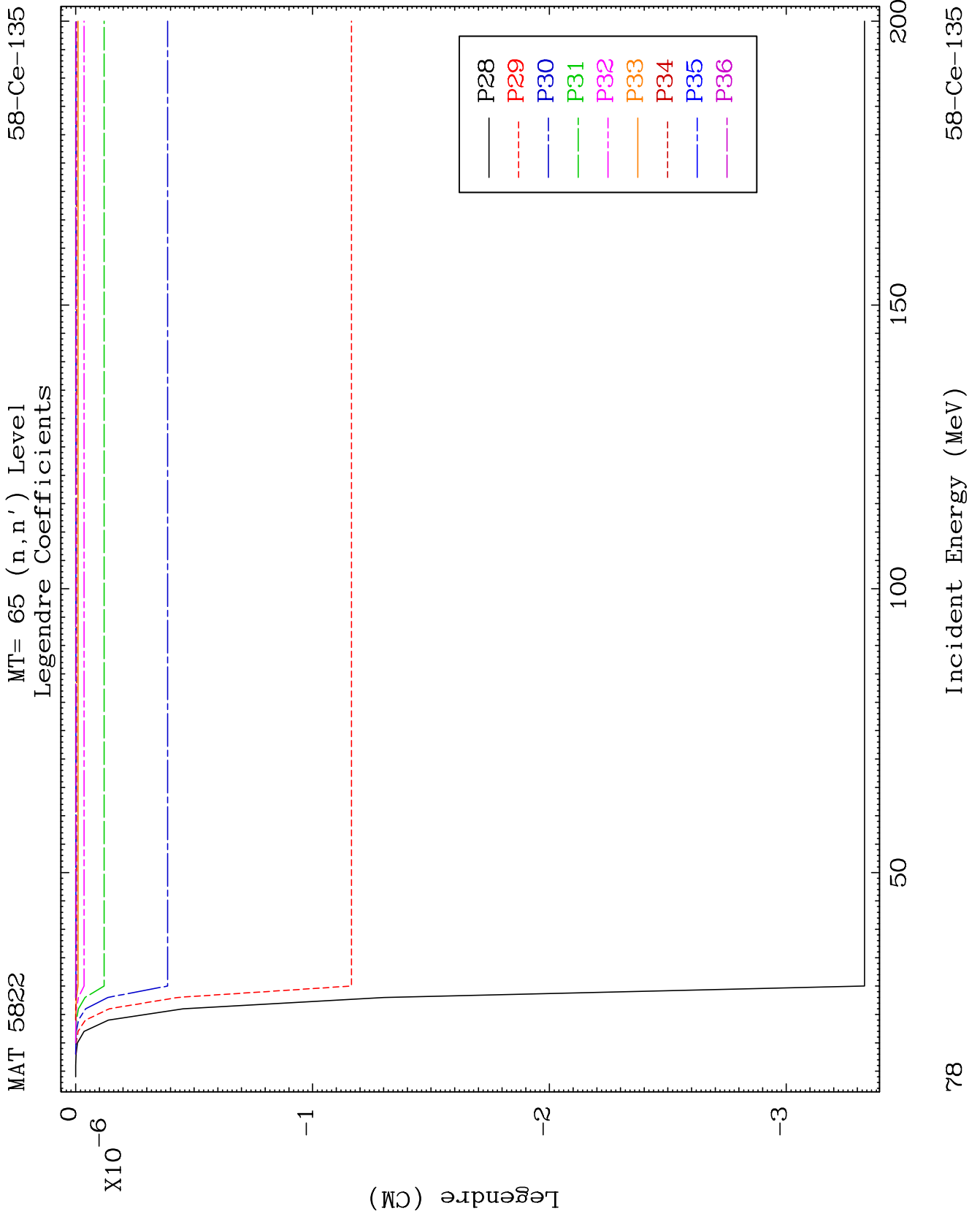
58-Ce-135



77

Incident Energy (MeV)

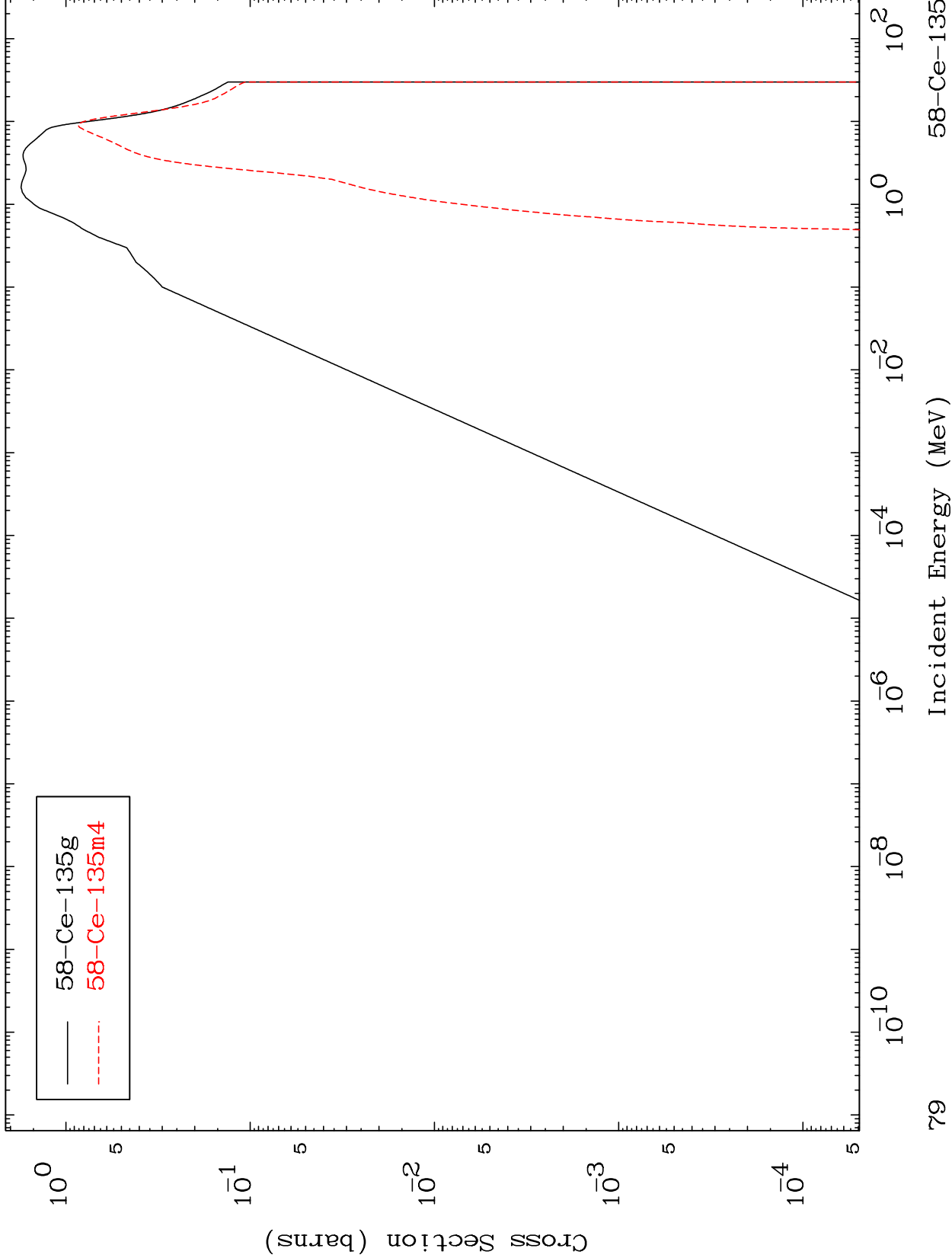
58-Ce-135



MAT 5822

Inelastic
Radionuclide Production Cross Section

58-Ce-135

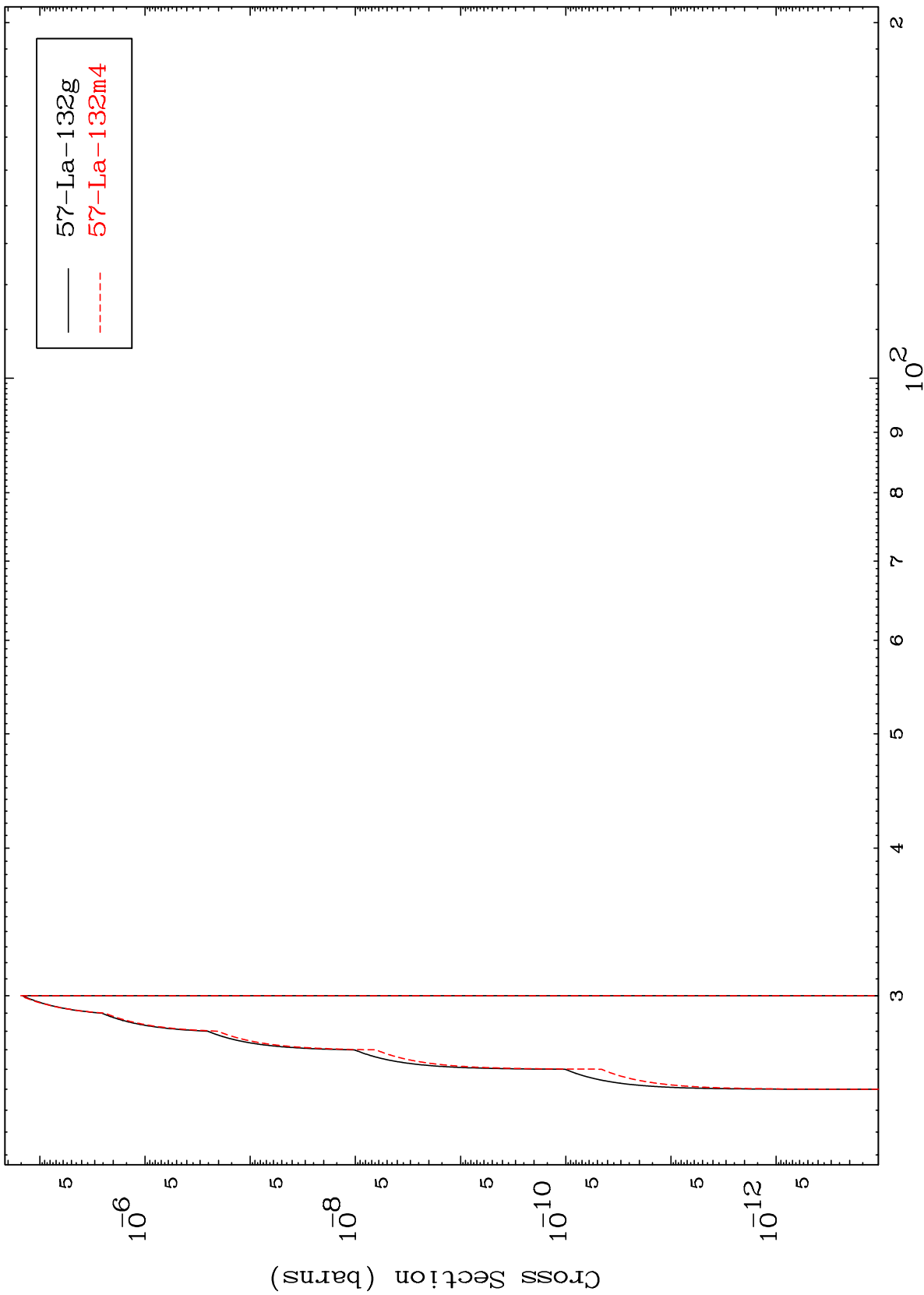


MAT 5822

(n,2n) d

58-Ce-135

Radionuclide Production Cross Section



80

Incident Energy (MeV)

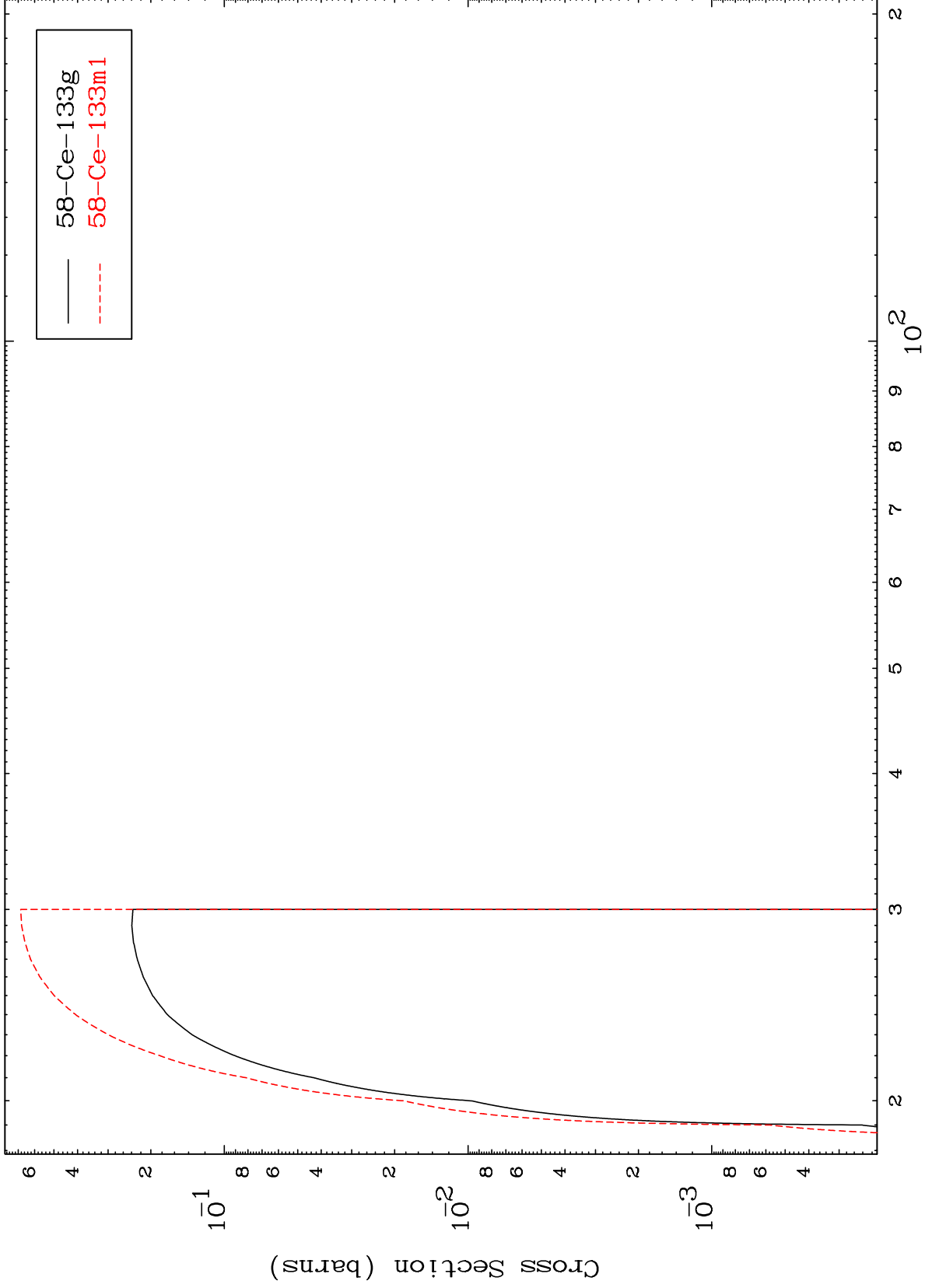
58-Ce-135

MAT 58222

(n,3n)

58-Ce-135

Radionuclide Production Cross Section



81

Incident Energy (MeV)

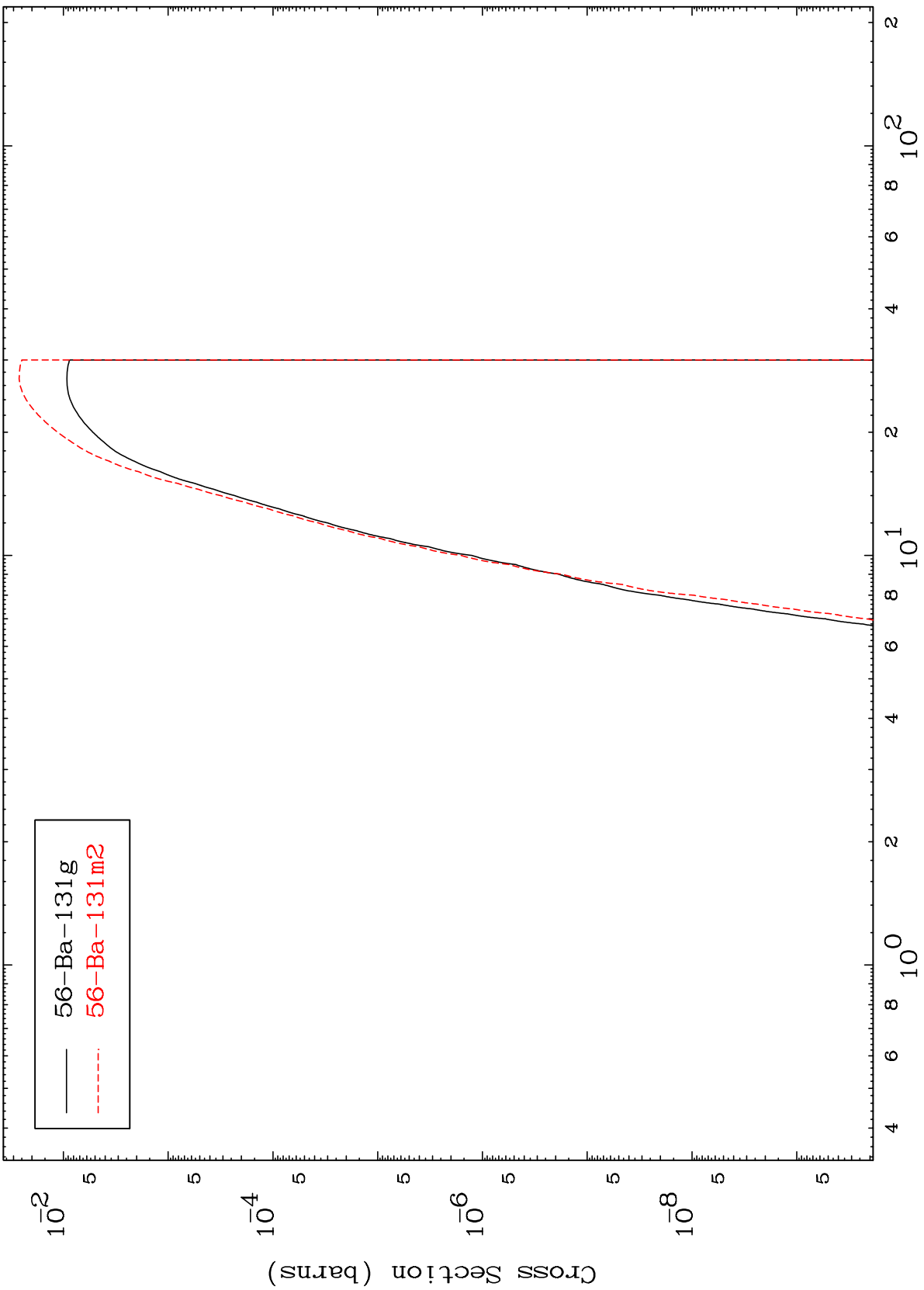
58-Ce-135

MAT 5822

(n,n') α

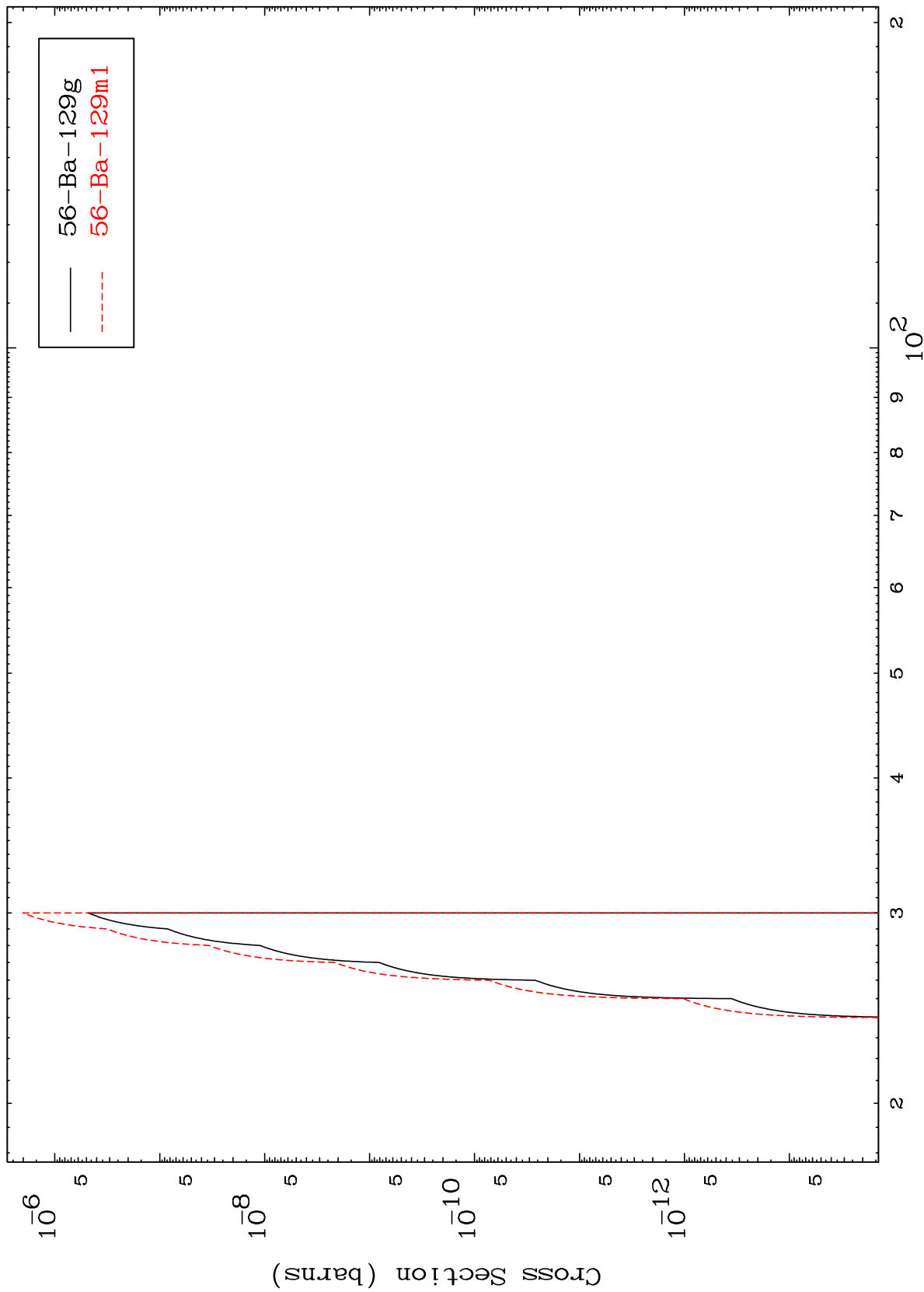
58-Ce-135

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

Radionuclide Production Cross Section

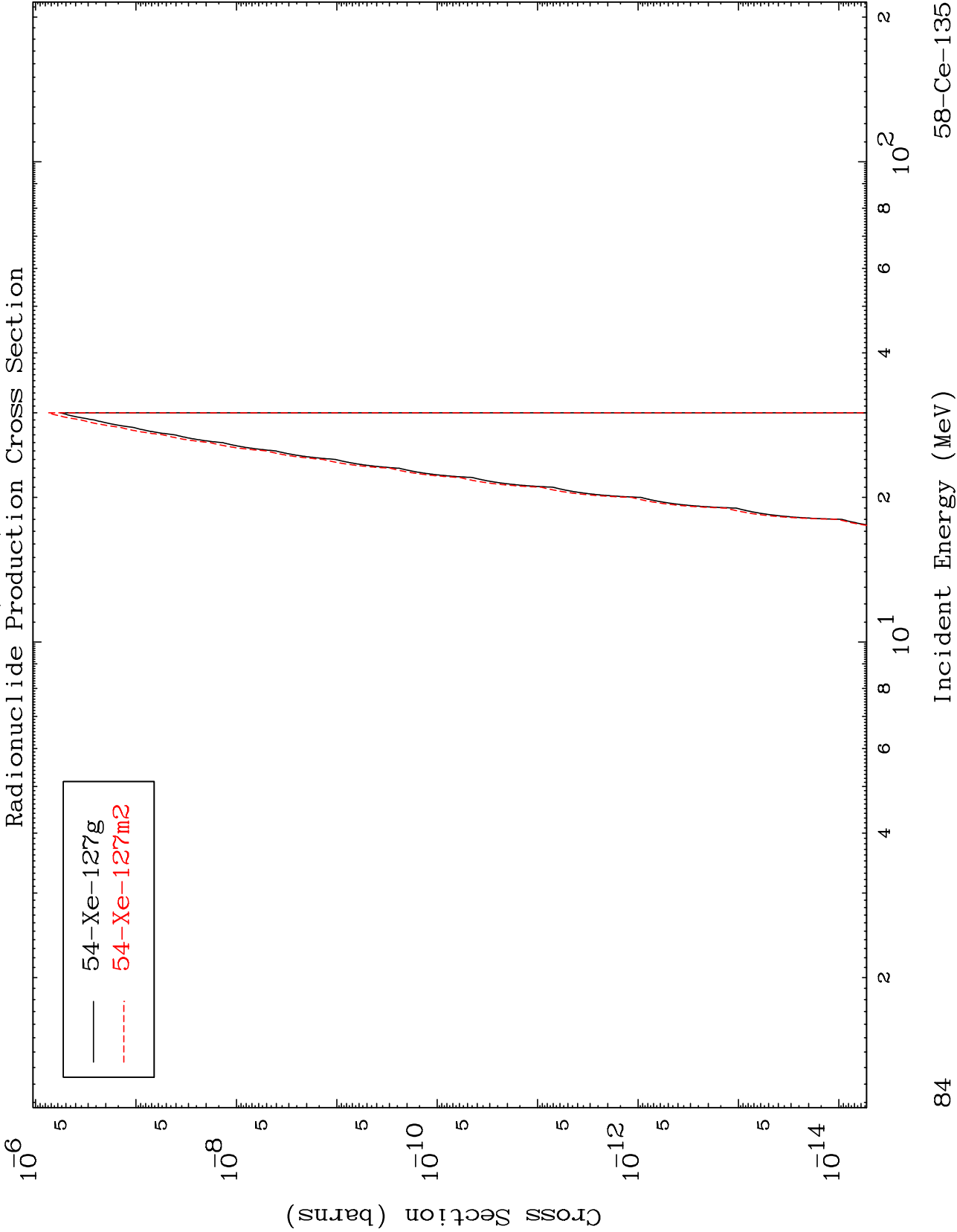


56-Ba-129g
56-Ba-129m1

MAT 5822

(n,n') 2α

58-Ce-135



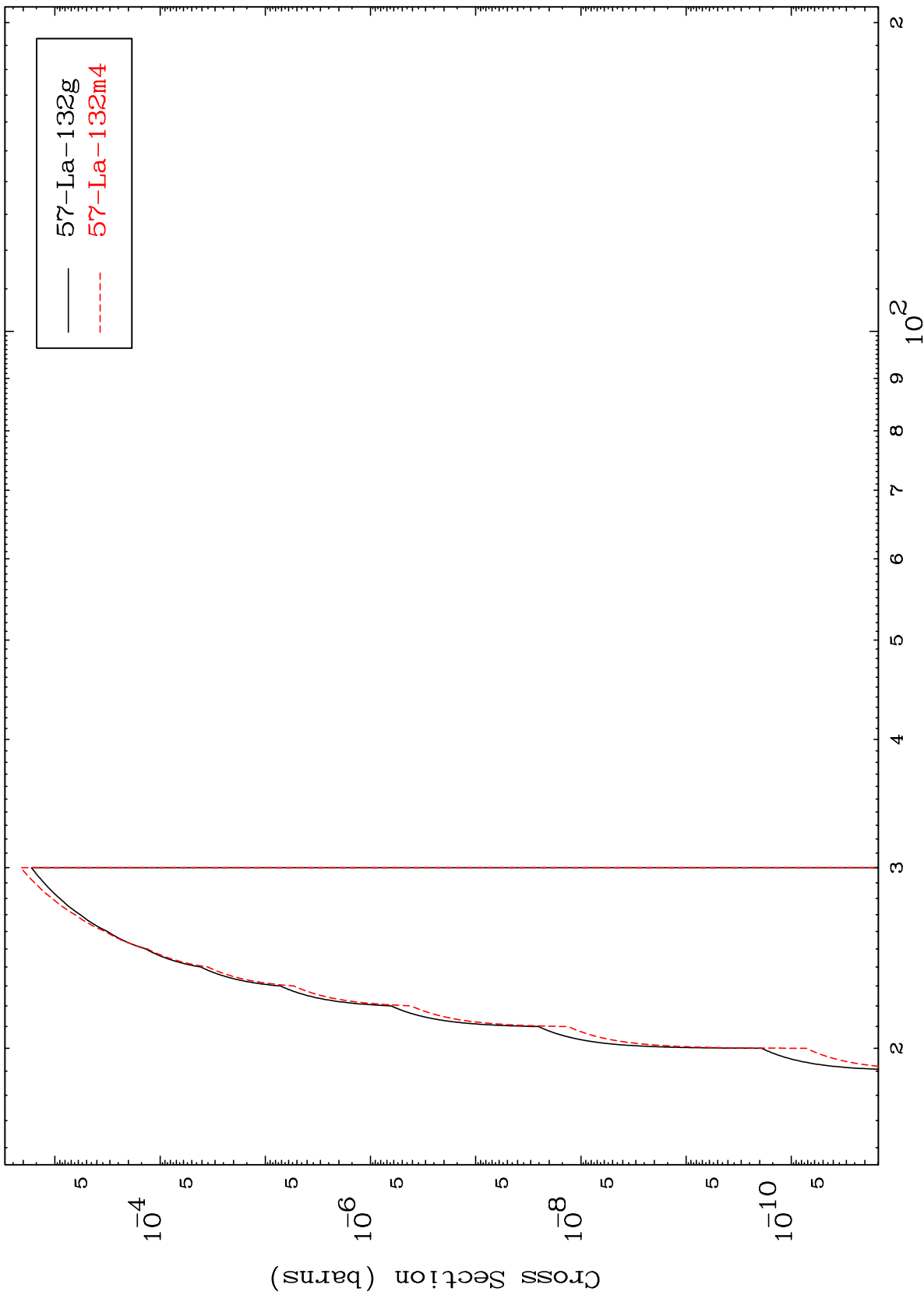
54-Xe-127g
54-Xe-127m2

MAT 5822

(n,n') t

58-Ce-135

Radionuclide Production Cross Section

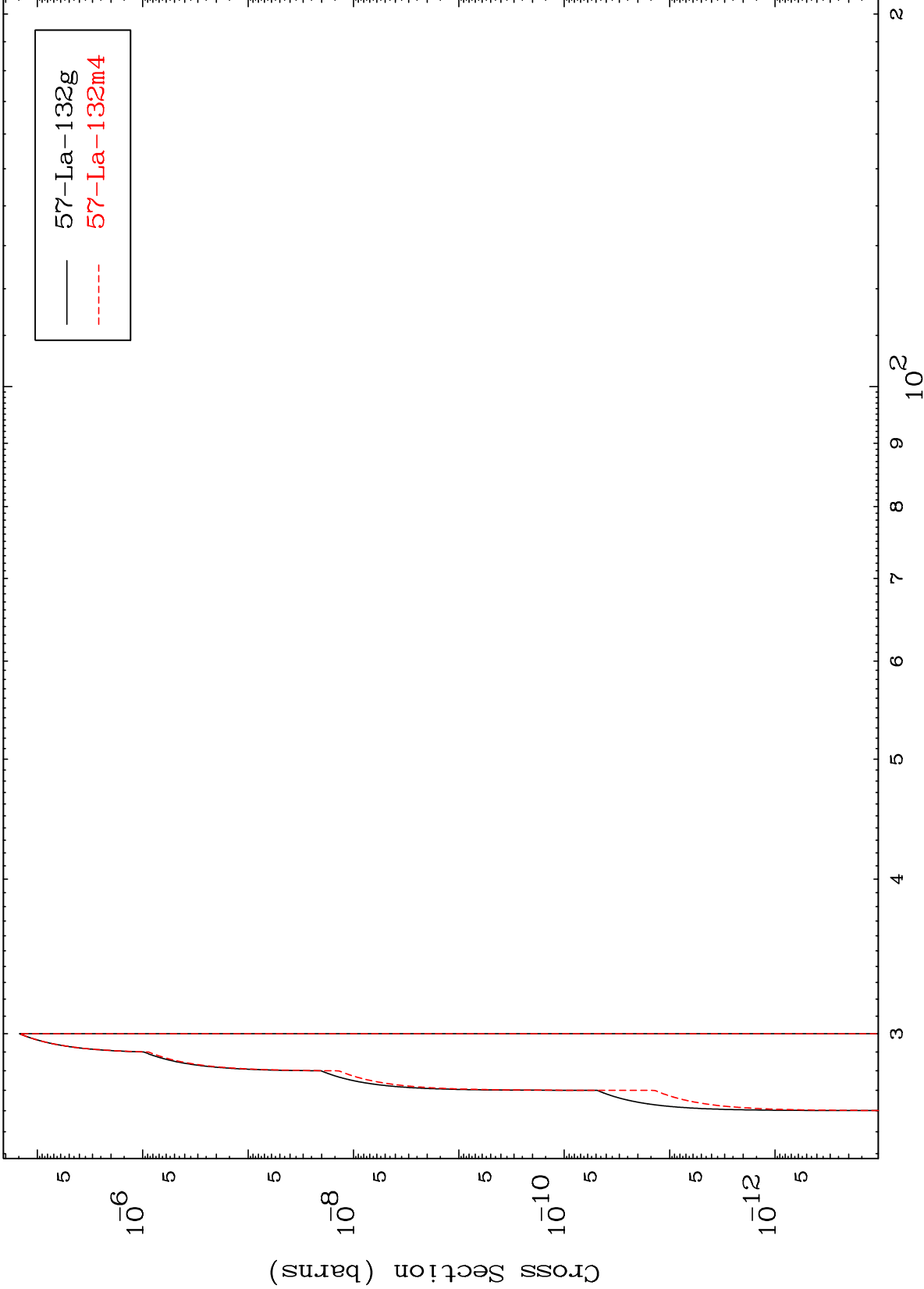


85

Incident Energy (MeV)

58-Ce-135

Radionuclide Production Cross Section

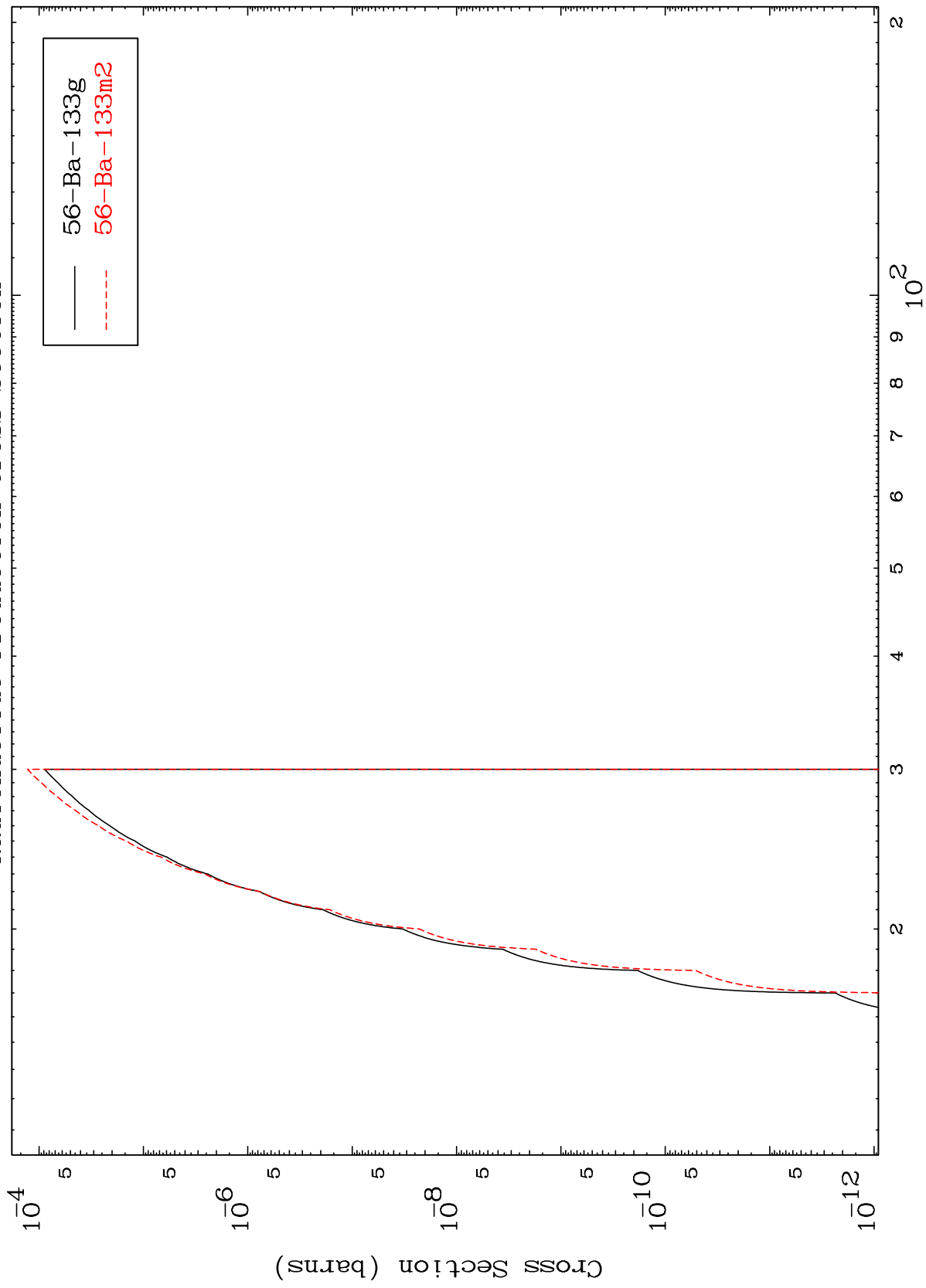


57-La-132g
57-La-132m4

MAT 5822

58-Ce-135

(n,2n) p
Radionuclide Production Cross Section



87

Incident Energy (MeV)

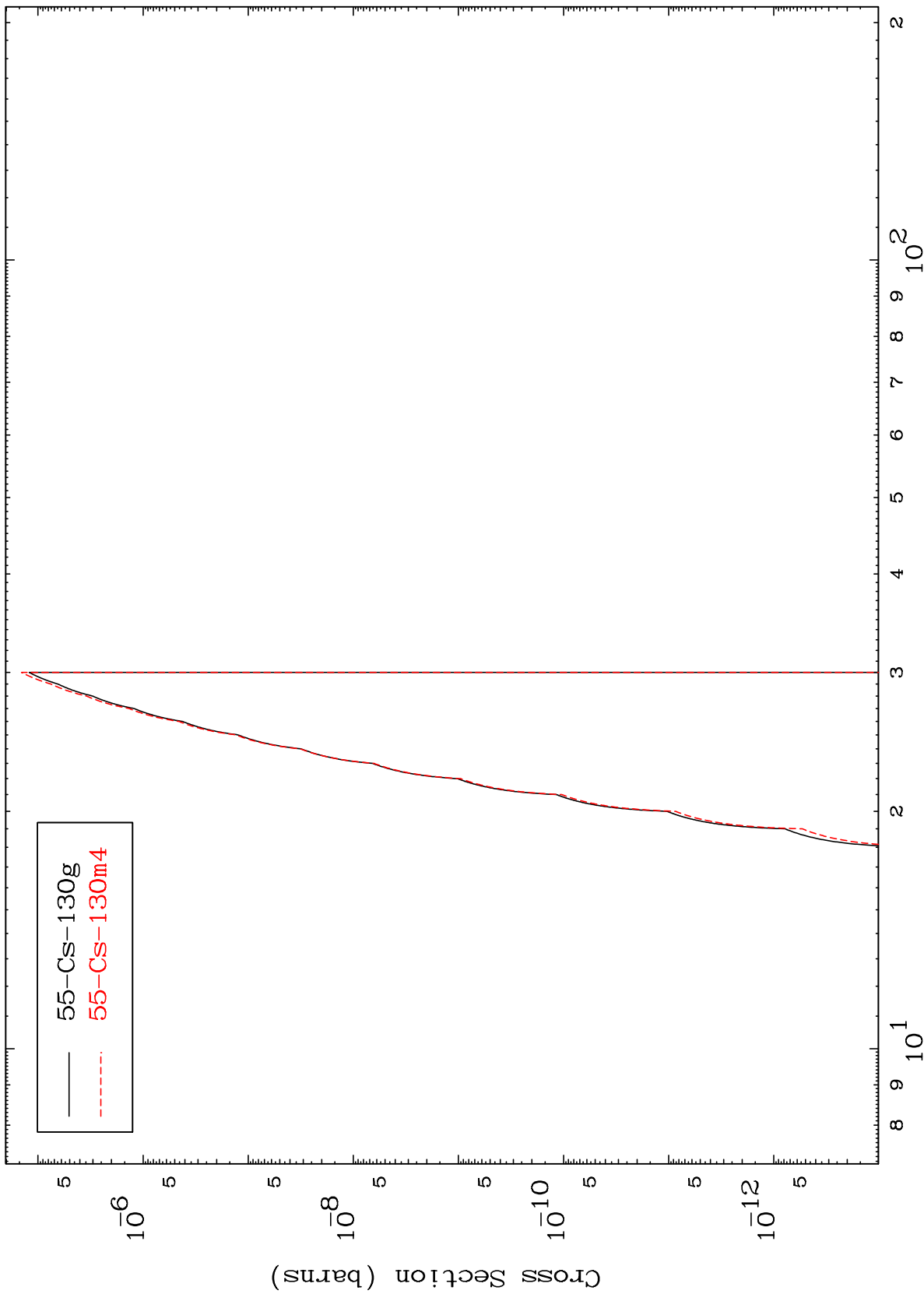
58-Ce-135

MAT 5822

(n,n') p α

58-Ce-135

Radionuclide Production Cross Section



88

Incident Energy (MeV)

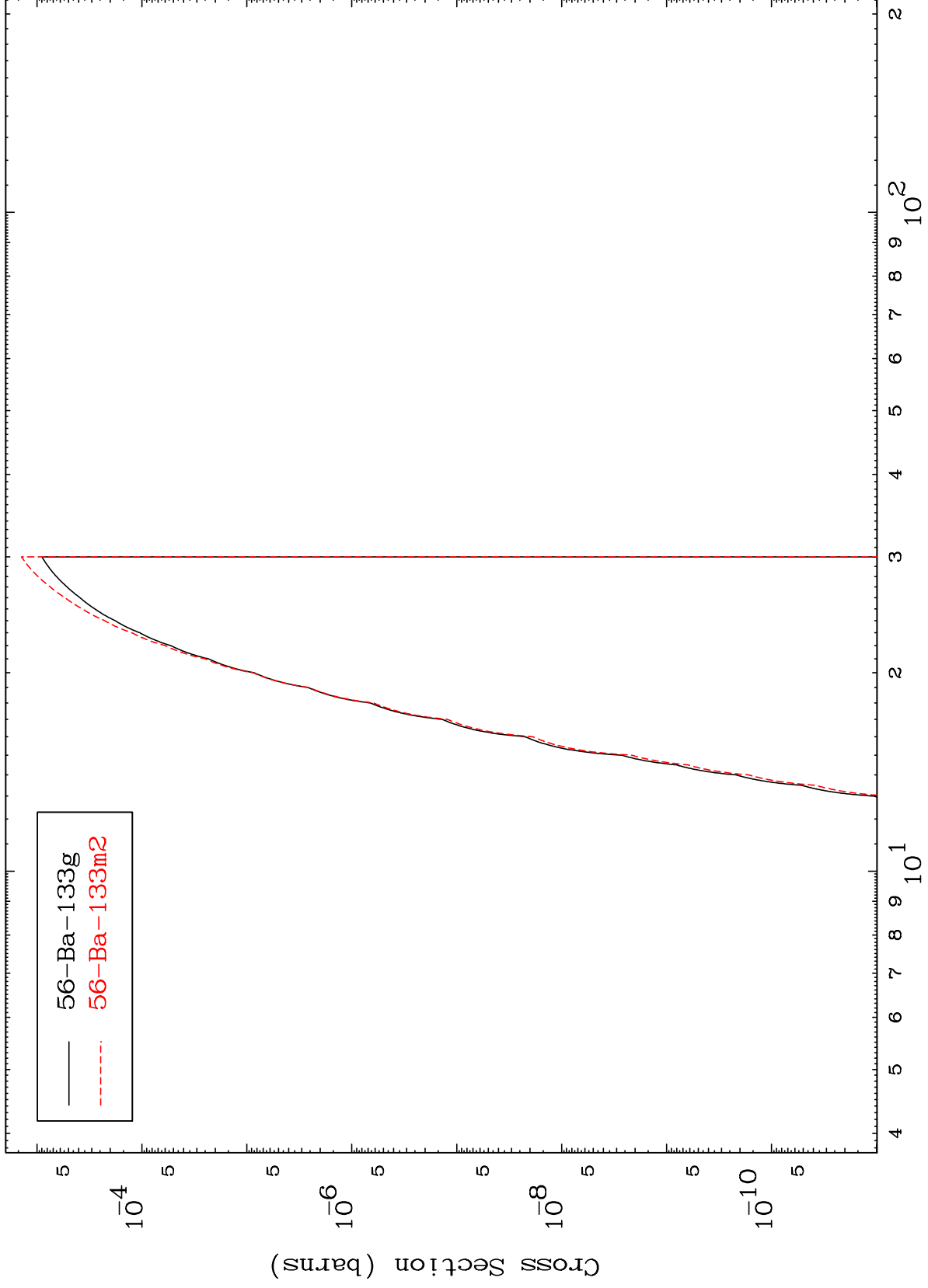
58-Ce-135

MAT 5822

(n,He-3)

58-Ce-135

Radionuclide Production Cross Section



89

Incident Energy (MeV)

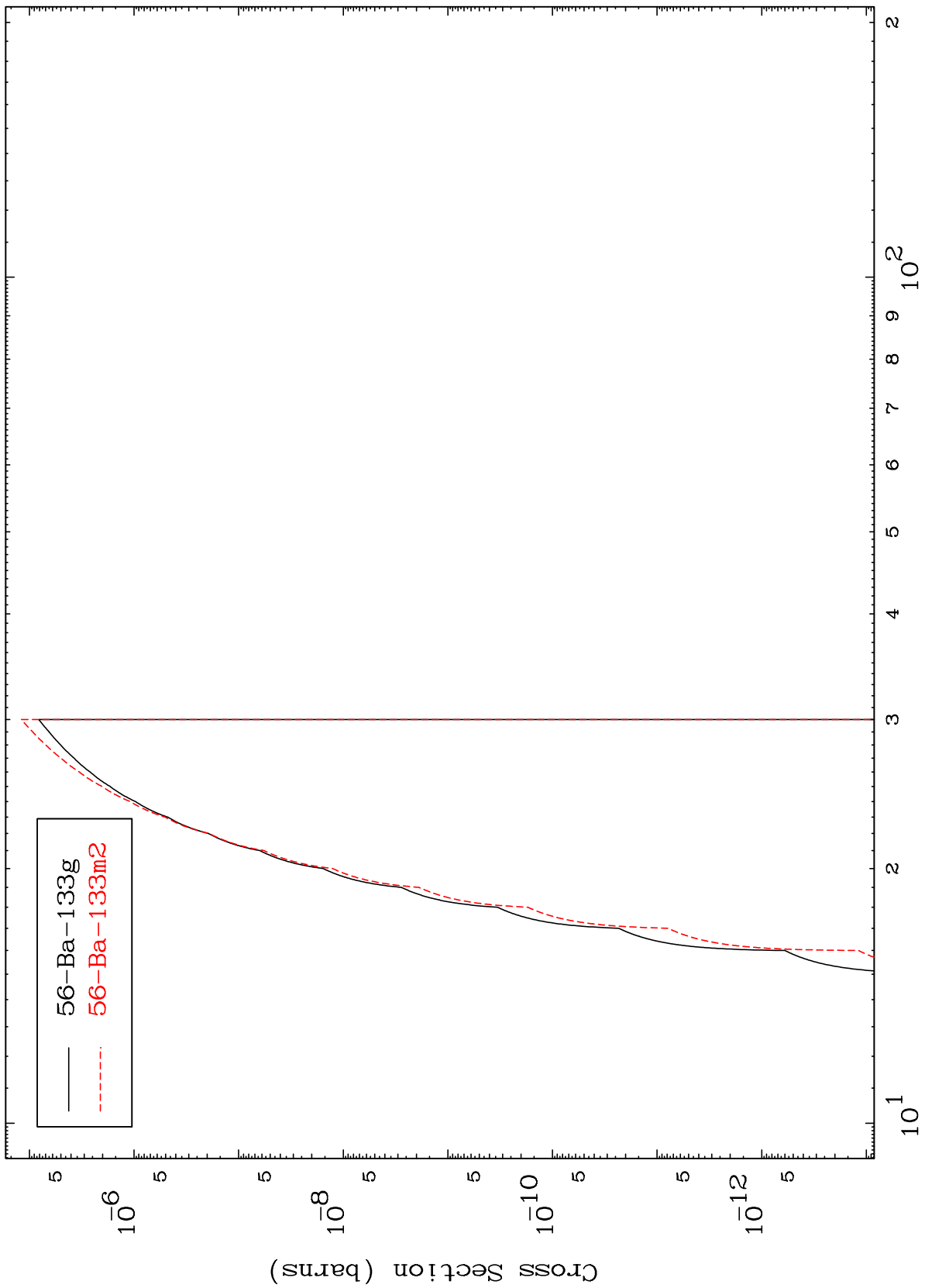
58-Ce-135

MAT 5822

(n,p) d

58-Ce-135

Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2

90

Incident Energy (MeV)

58-Ce-135

MAT 5822

(n,d) α

58-Ce-135

Radionuclide Production Cross Section

