

Program EVALPLOT
(Version 2018-1)

by

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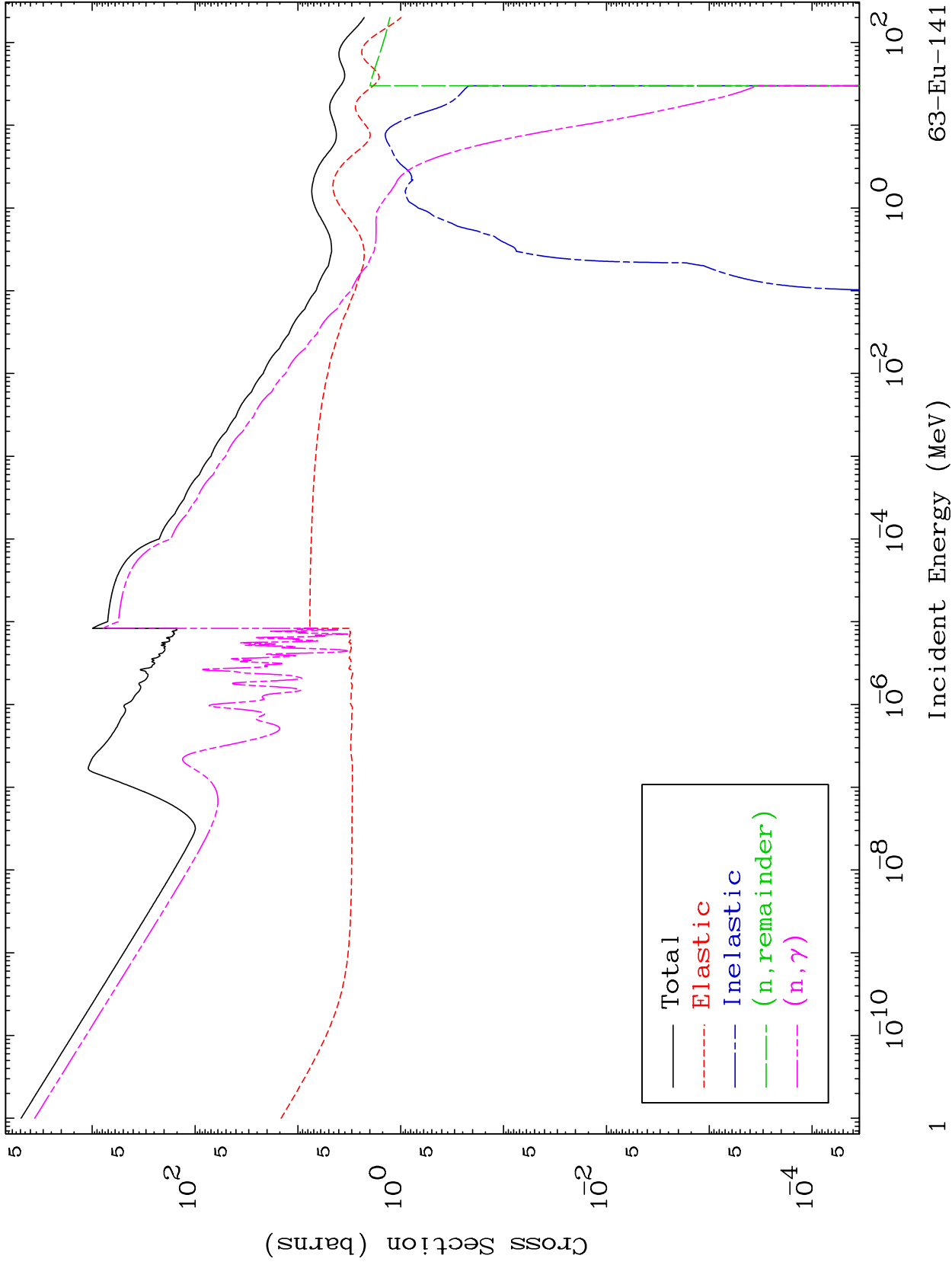
Press Mouse Button to Start

MAT 6295

Major

293 Kelvin Cross Sections

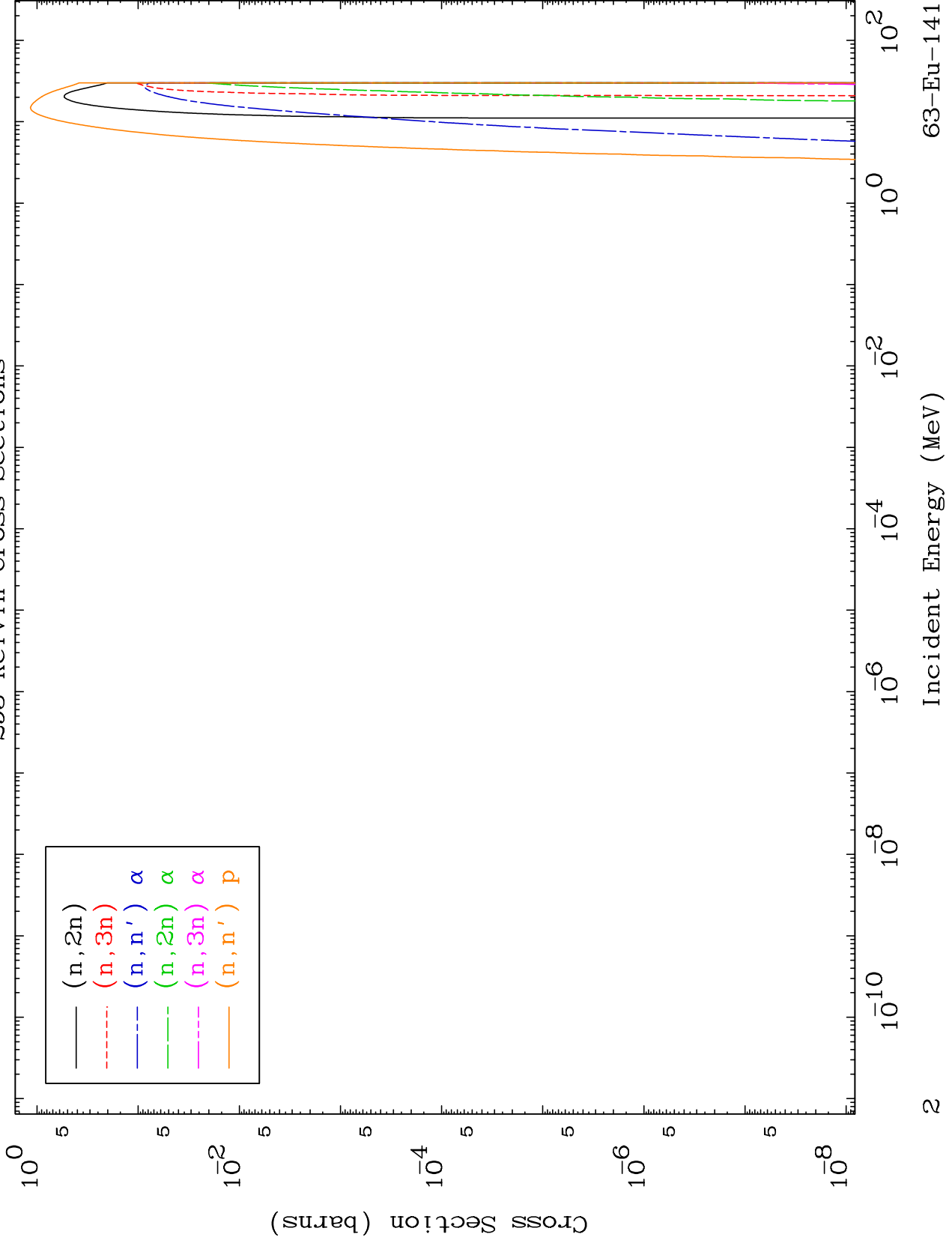
63-Eu-141



MAT 6295

Neutron Production
293 Kelvin Cross Sections

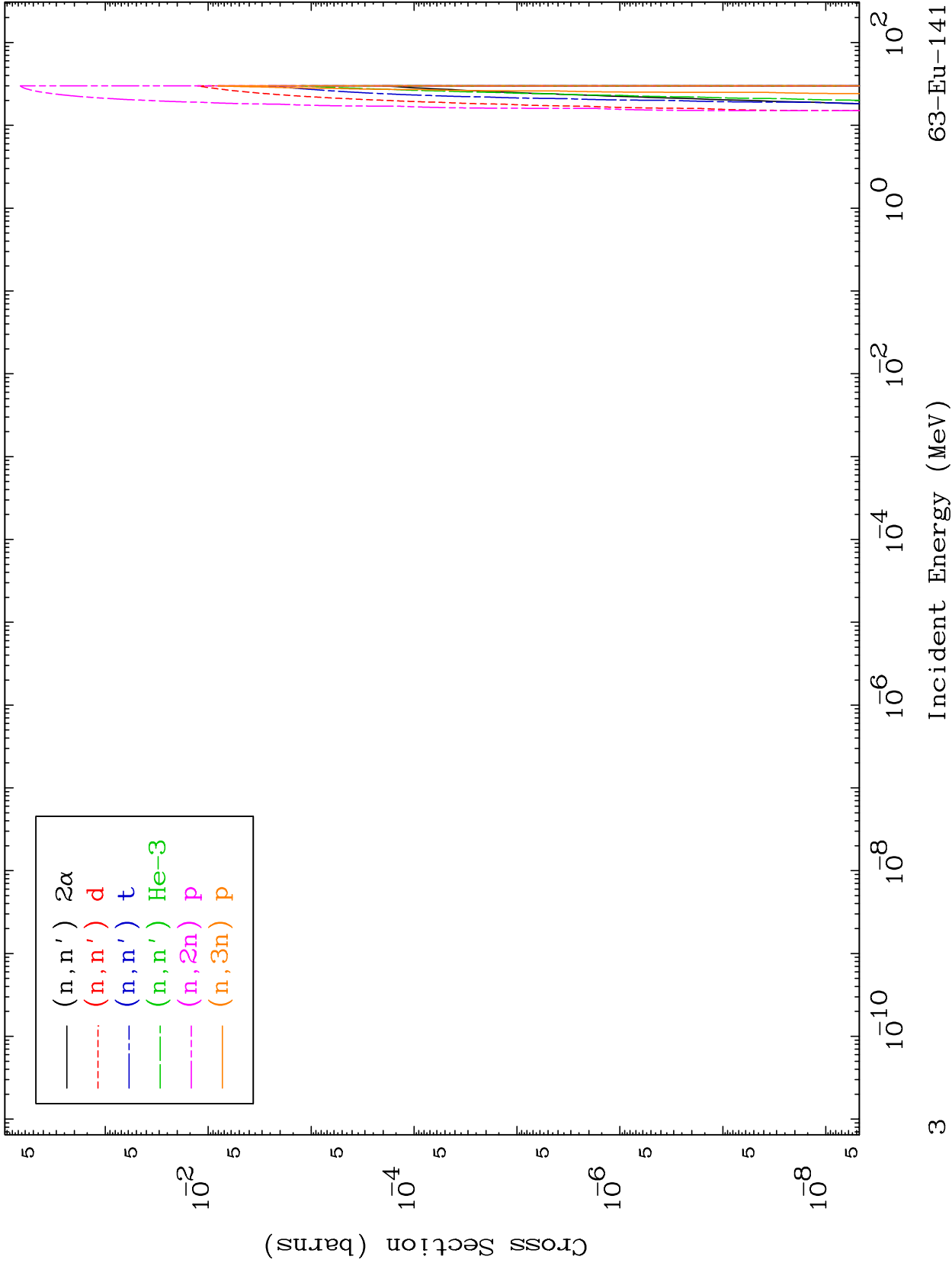
63-Eu-141



MAT 6295

Neutron Production
293 Kelvin Cross Sections

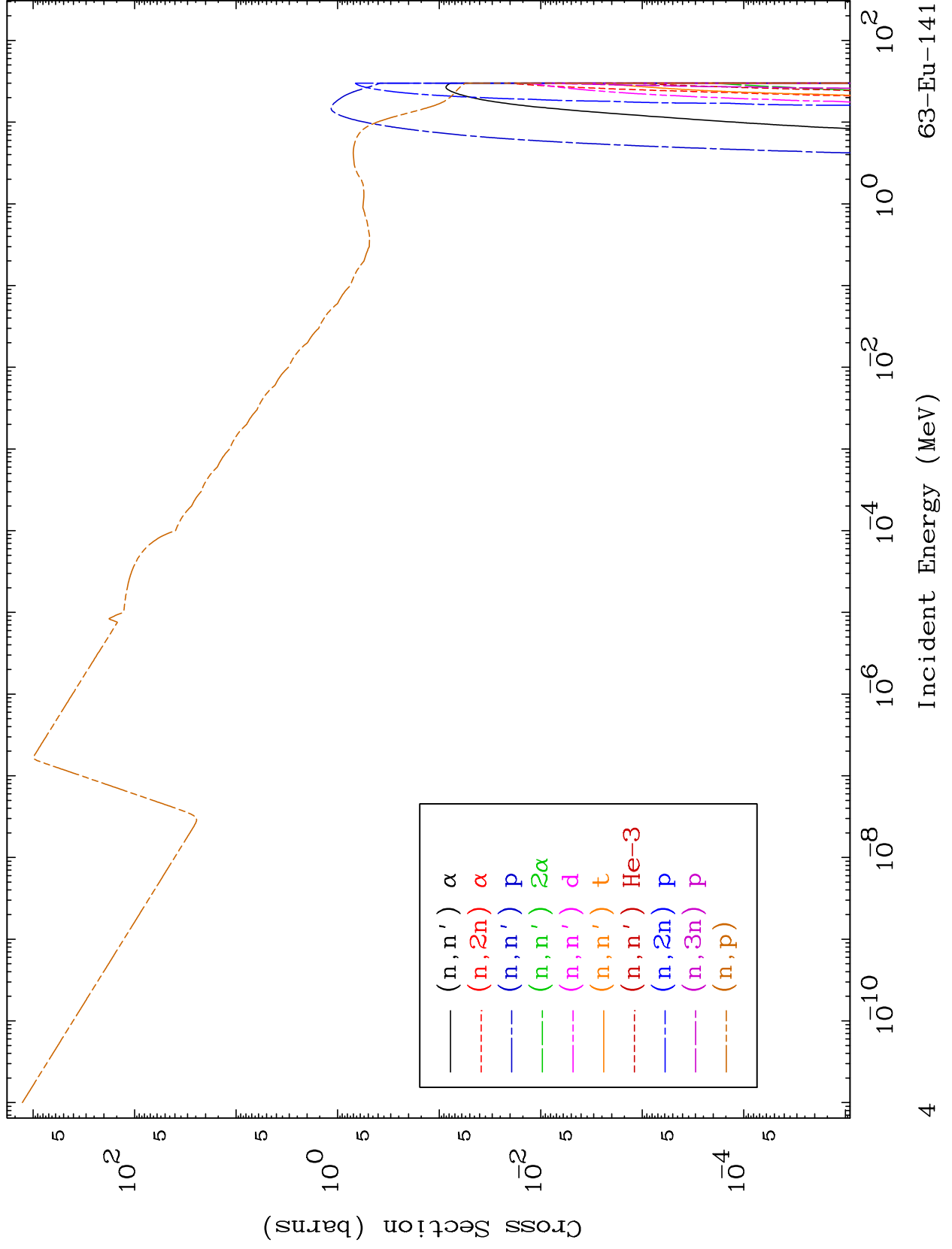
63-Eu-141



MAT 6295

Charged Particle
293 Kelvin Cross Sections

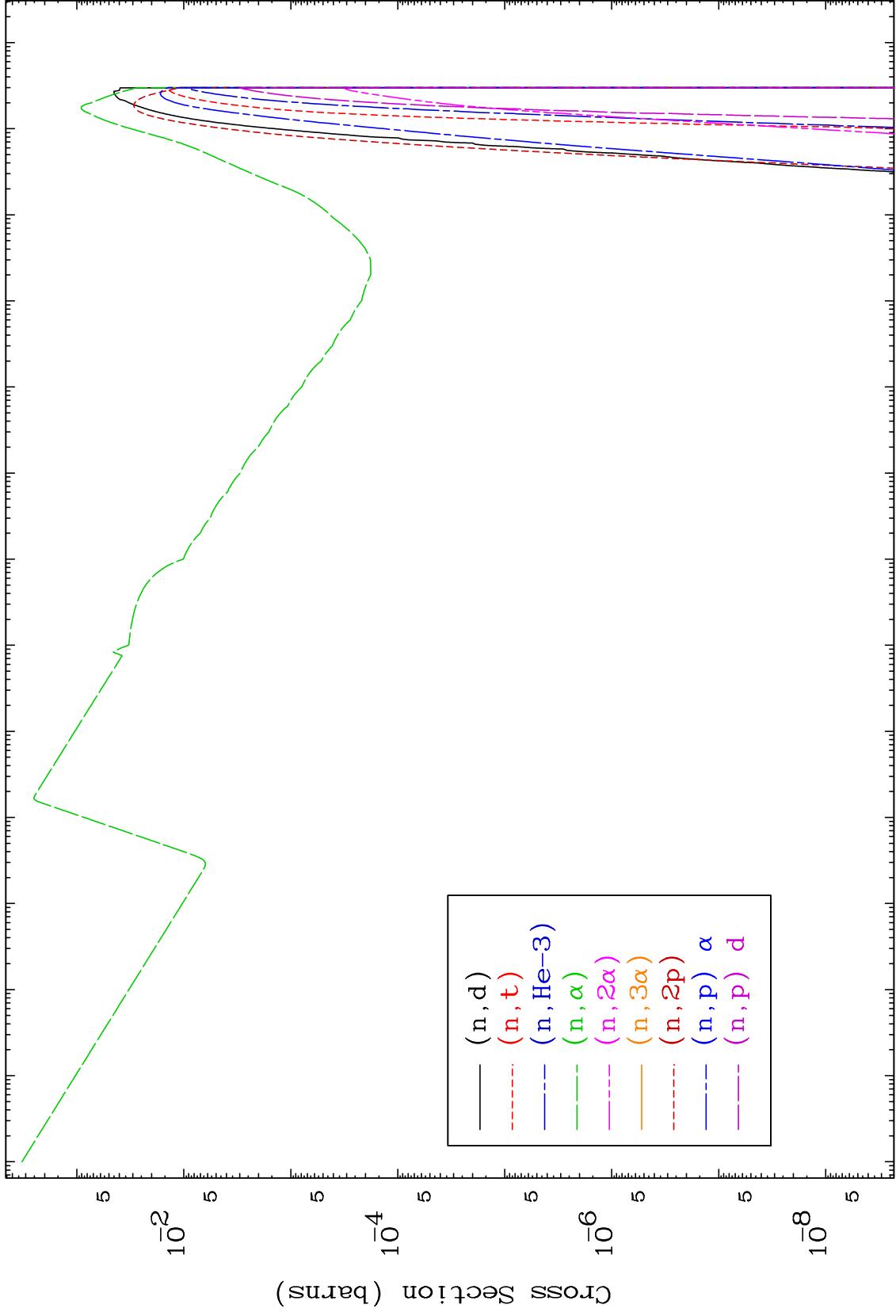
63-Eu-141



MAT 6295

Charged Particle
293 Kelvin Cross Sections

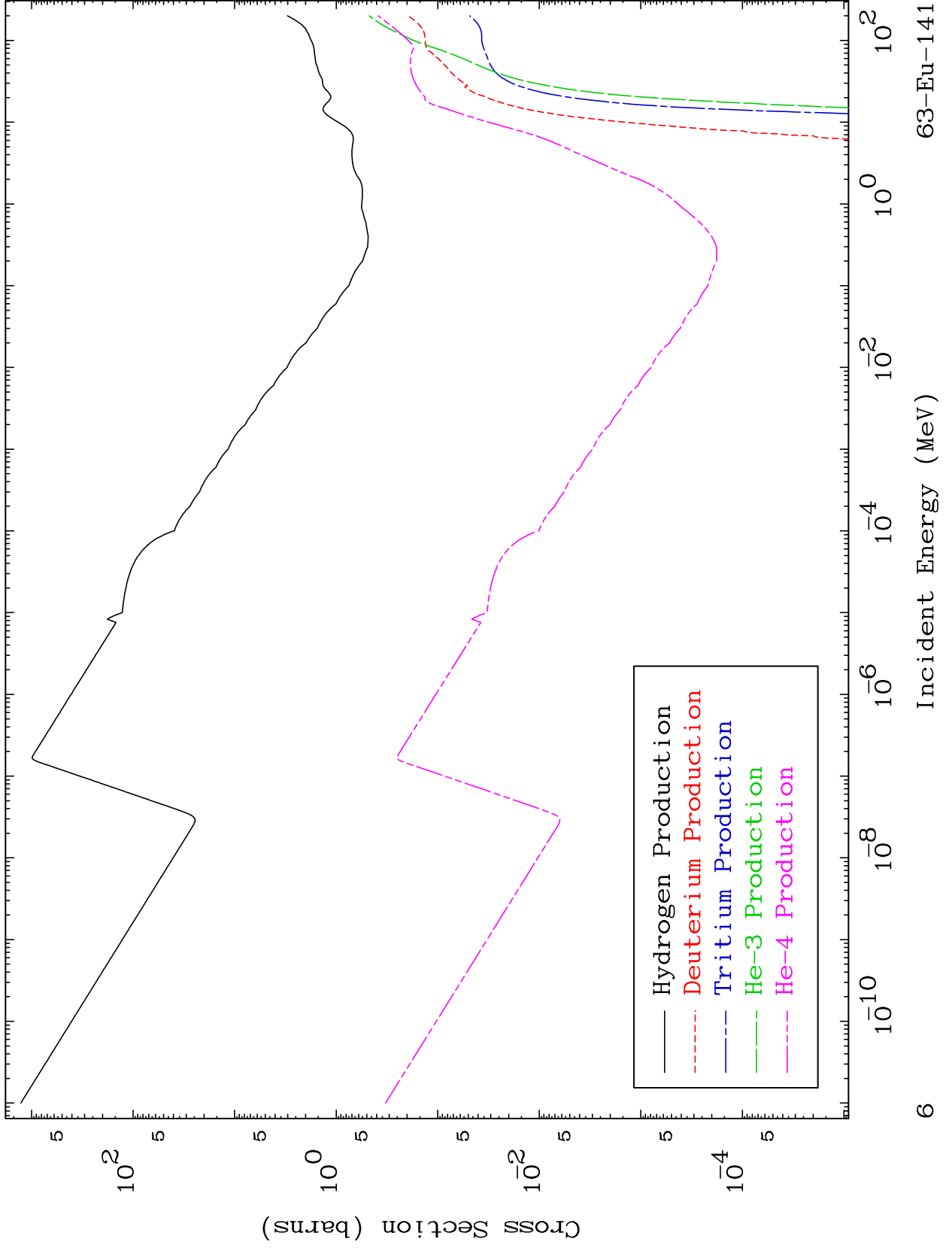
63-Eu-141



63-Eu-141

Incident Energy (MeV)

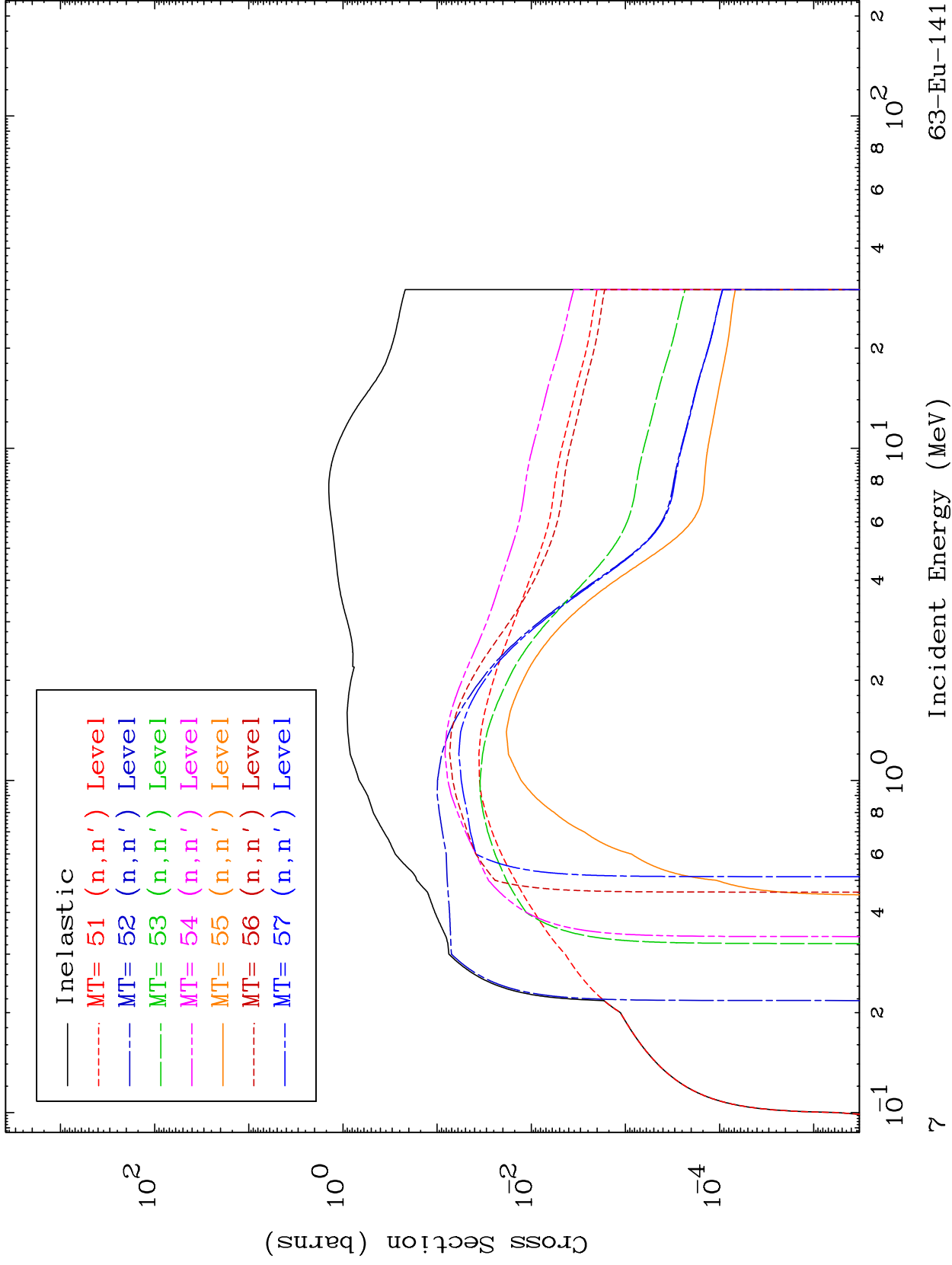
5



MAT 6295

(n,n') Level
293 Kelvin Cross Sections

63-Eu-141



63-Eu-141

Incident Energy (MeV)

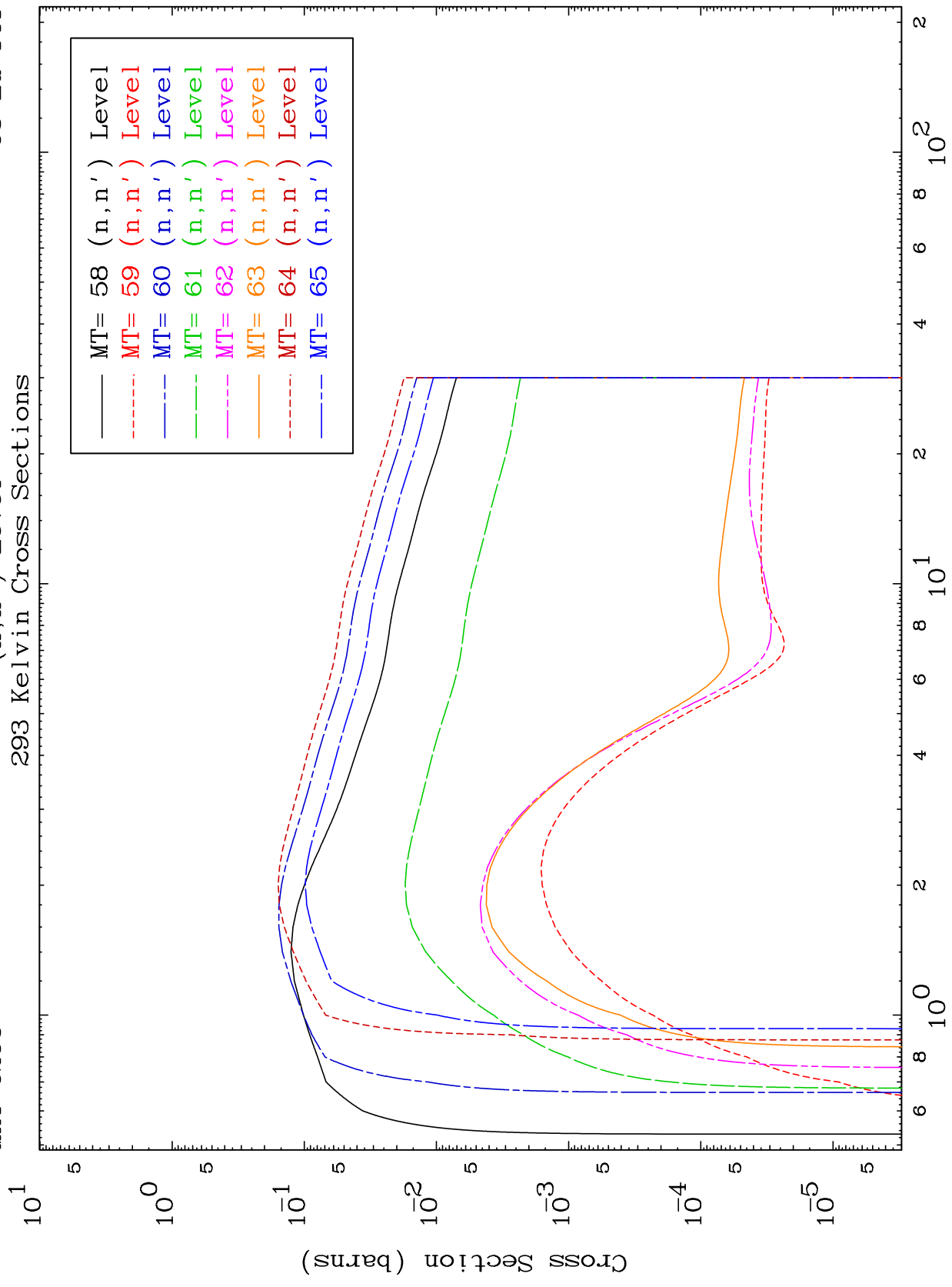
7

MAT 6295

(n,n') Level

293 Kelvin Cross Sections

63-Eu-141



8

Incident Energy (MeV)

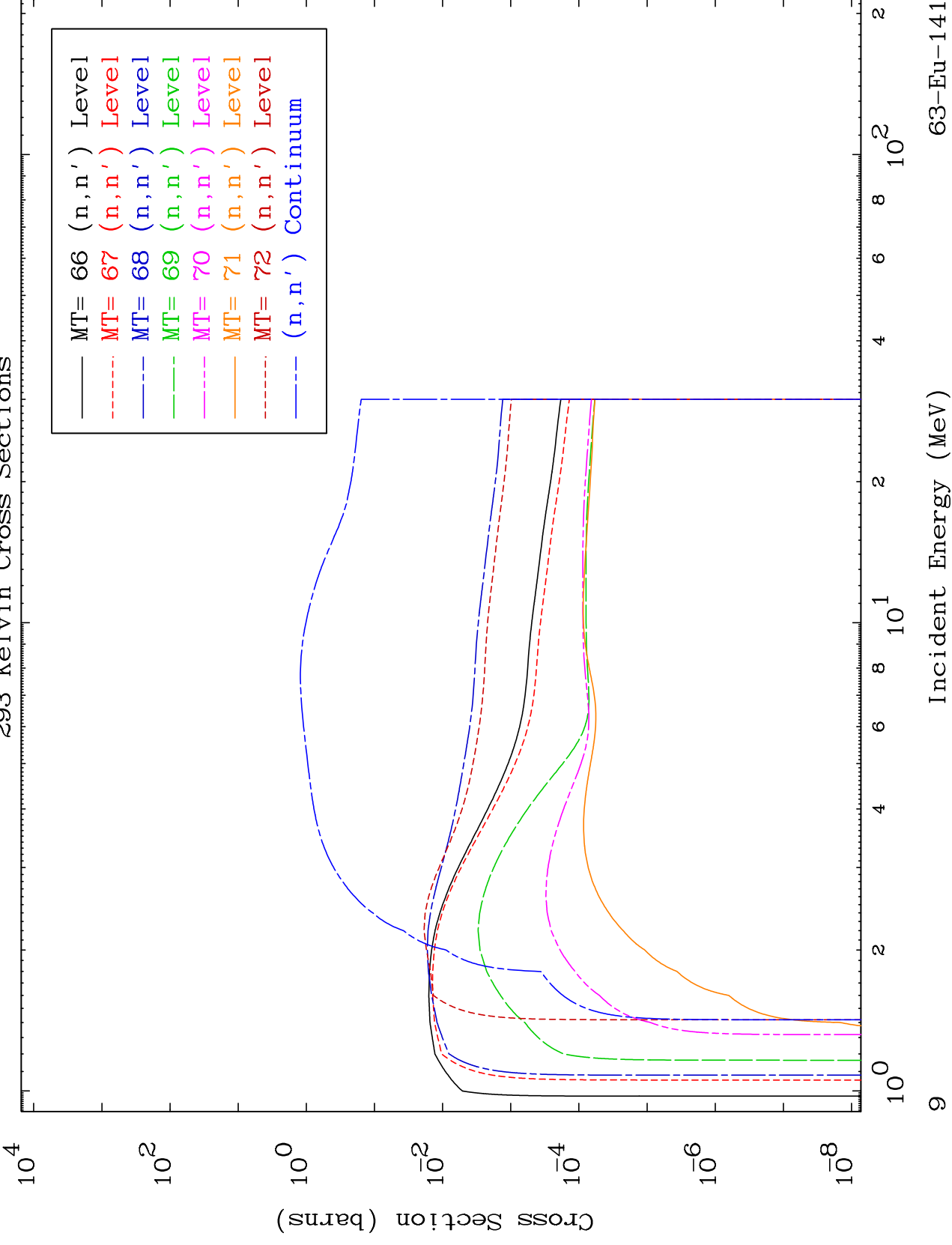
63-Eu-141

MAT 6295

(n,n') Level

63-Eu-141

293 Kelvin Cross Sections



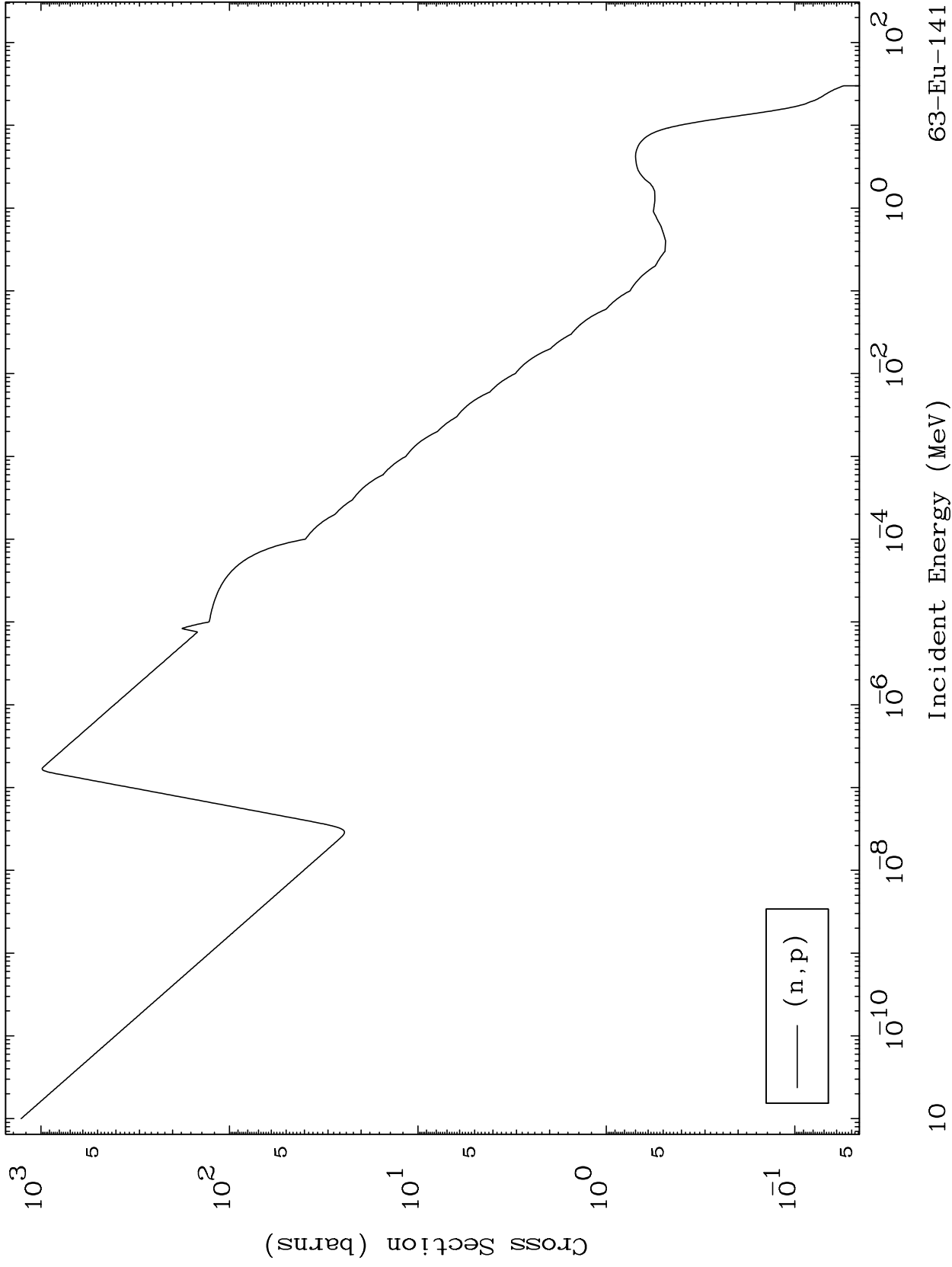
Incident Energy (MeV)

63-Eu-141

MAT 6295

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-141



10

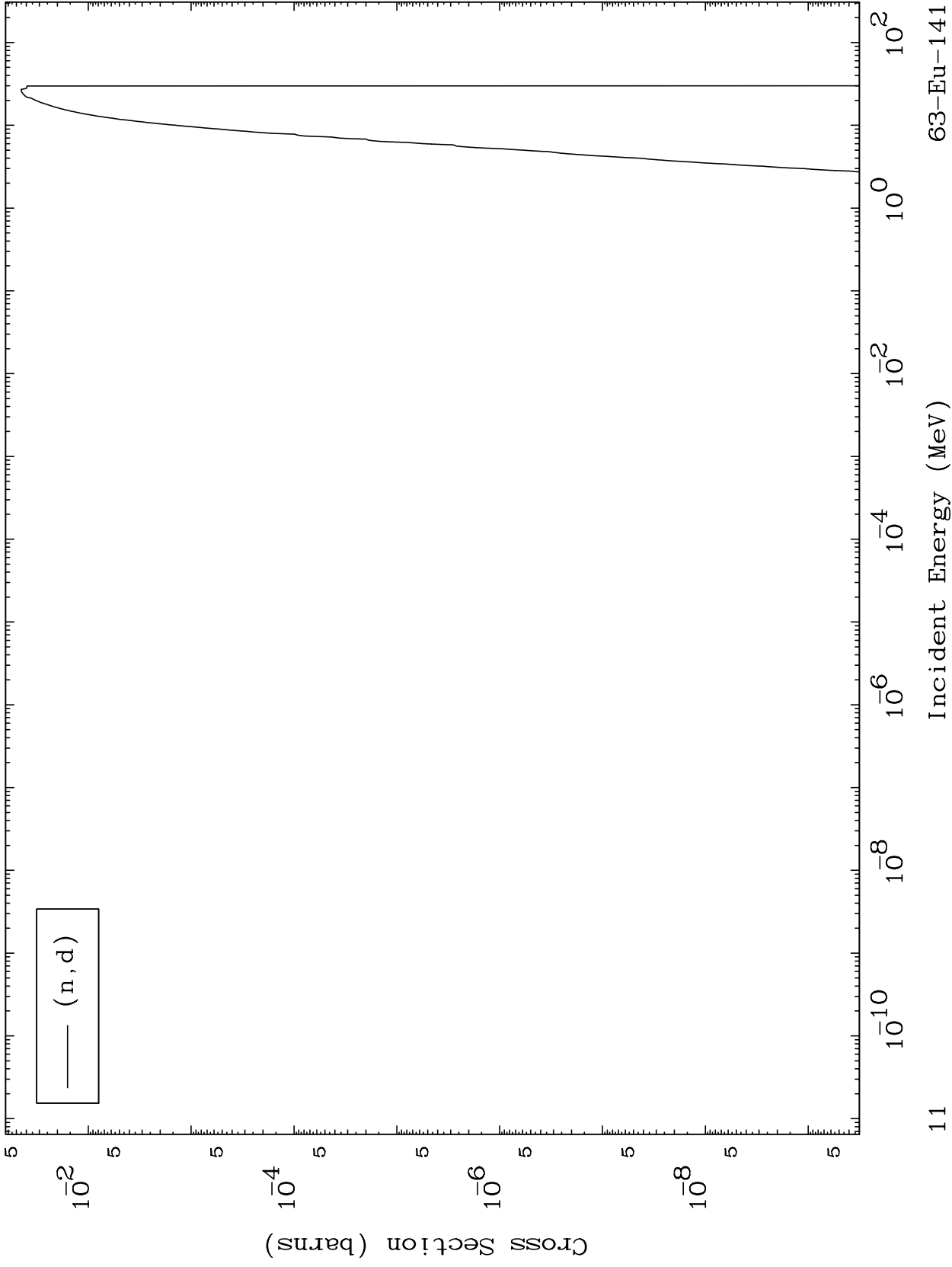
Incident Energy (MeV)

63-Eu-141

MAT 6295

(n,d) Levels
293 Kelvin Cross Sections

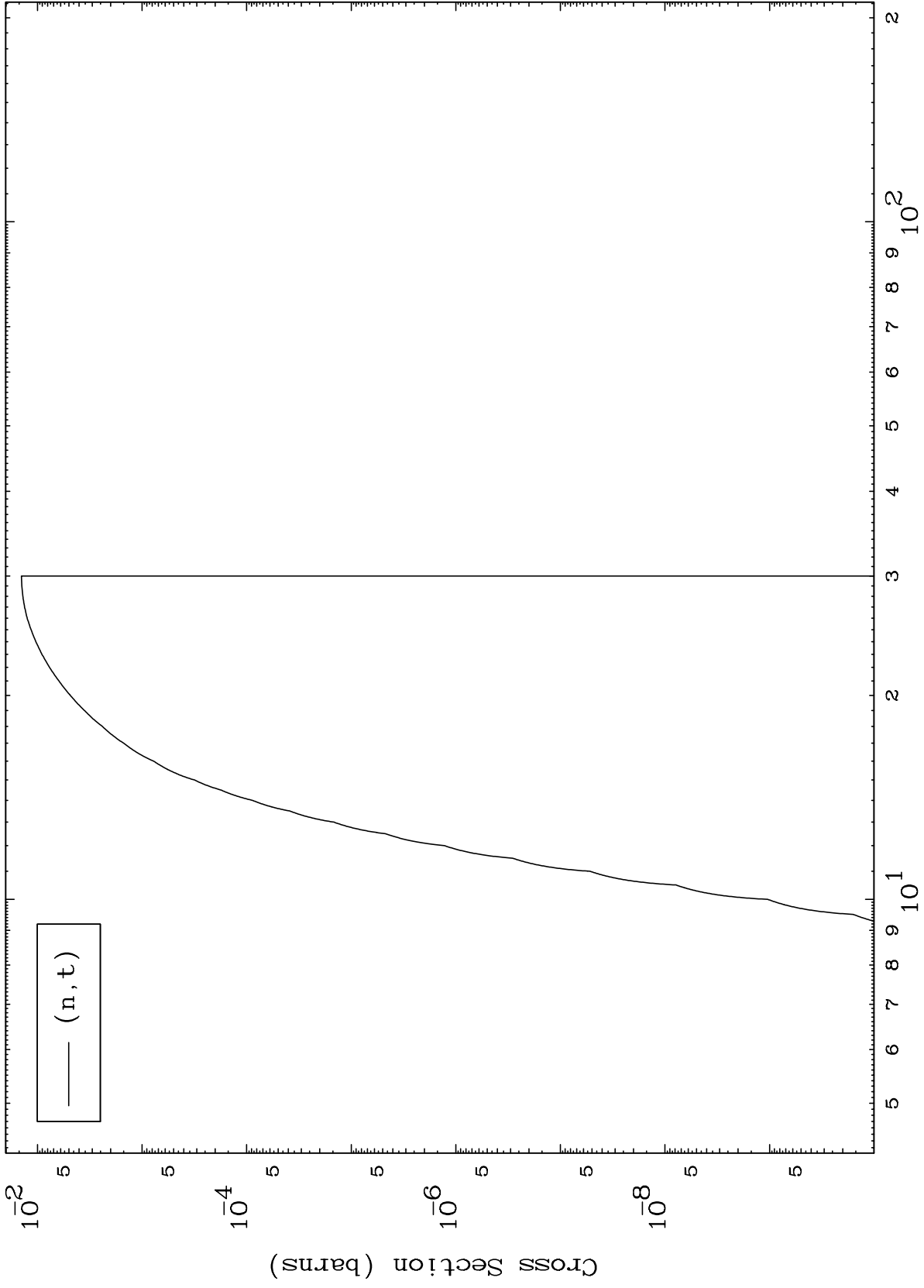
63-Eu-141



MAT 6295

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-141



(n,t)

Incident Energy (MeV)

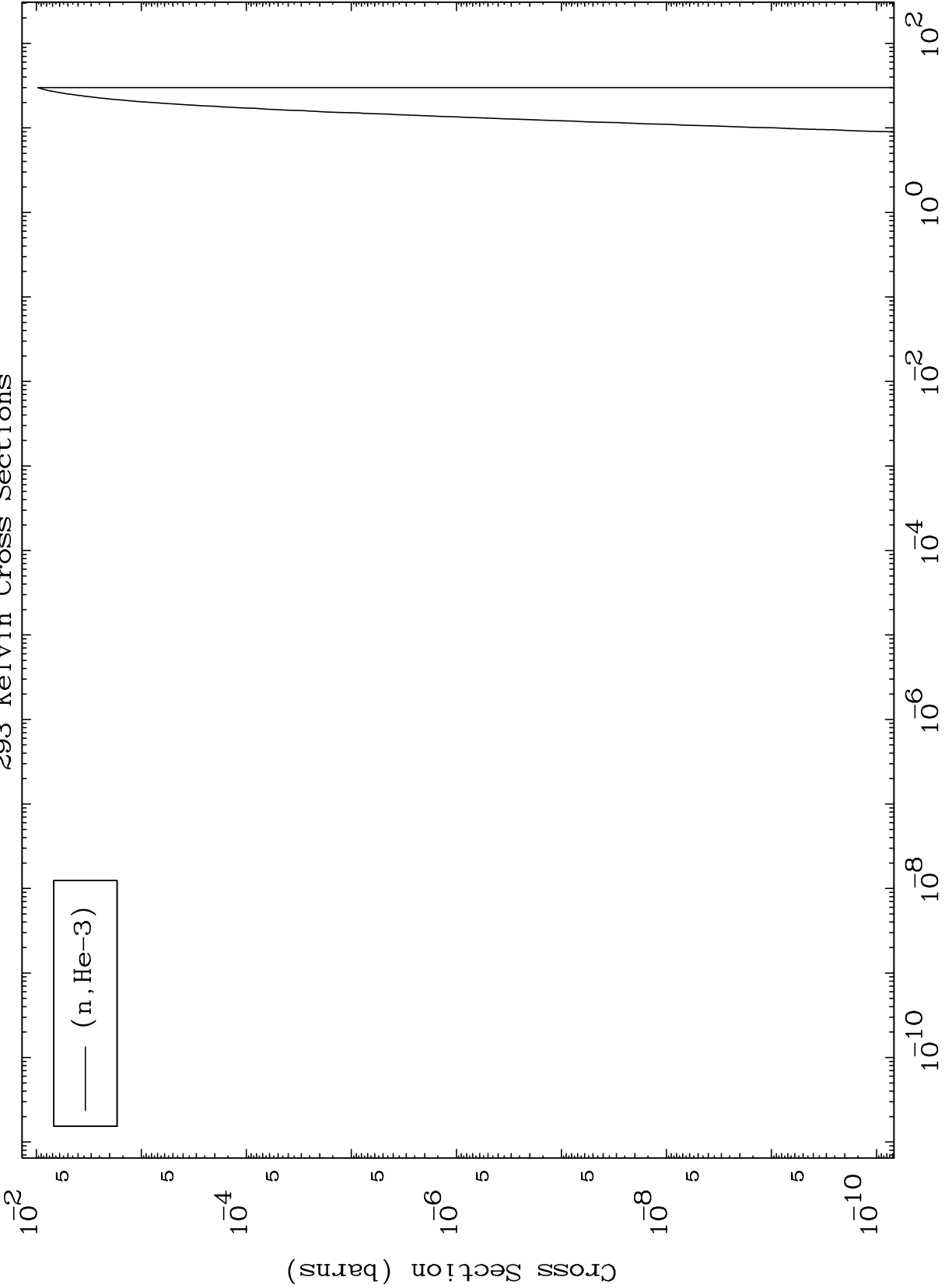
63-Eu-141

12

MAT 6295

(n,He3) Levels
293 Kelvin Cross Sections

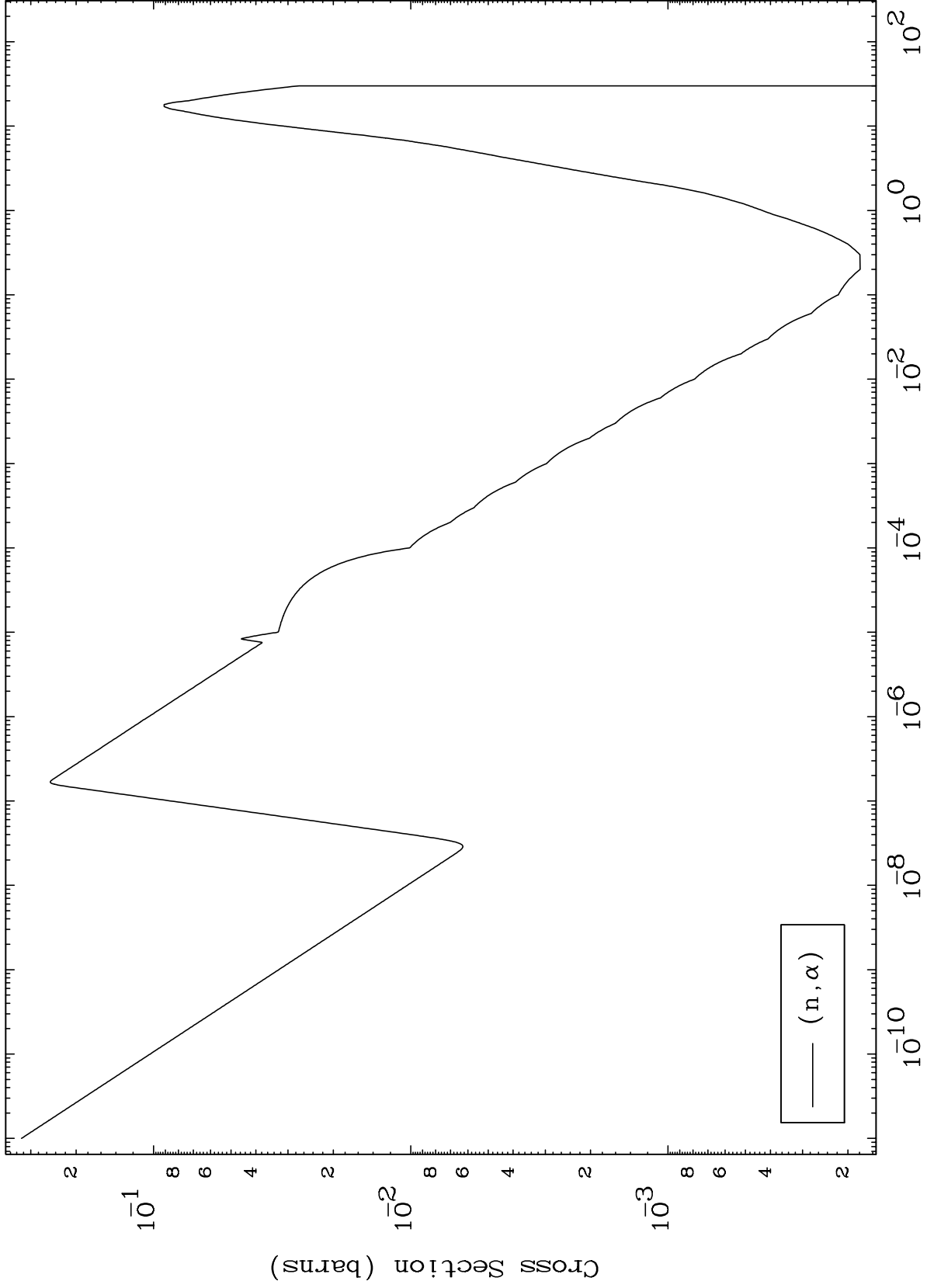
63-Eu-141



MAT 6295

(n,α) Levels
293 Kelvin Cross Sections

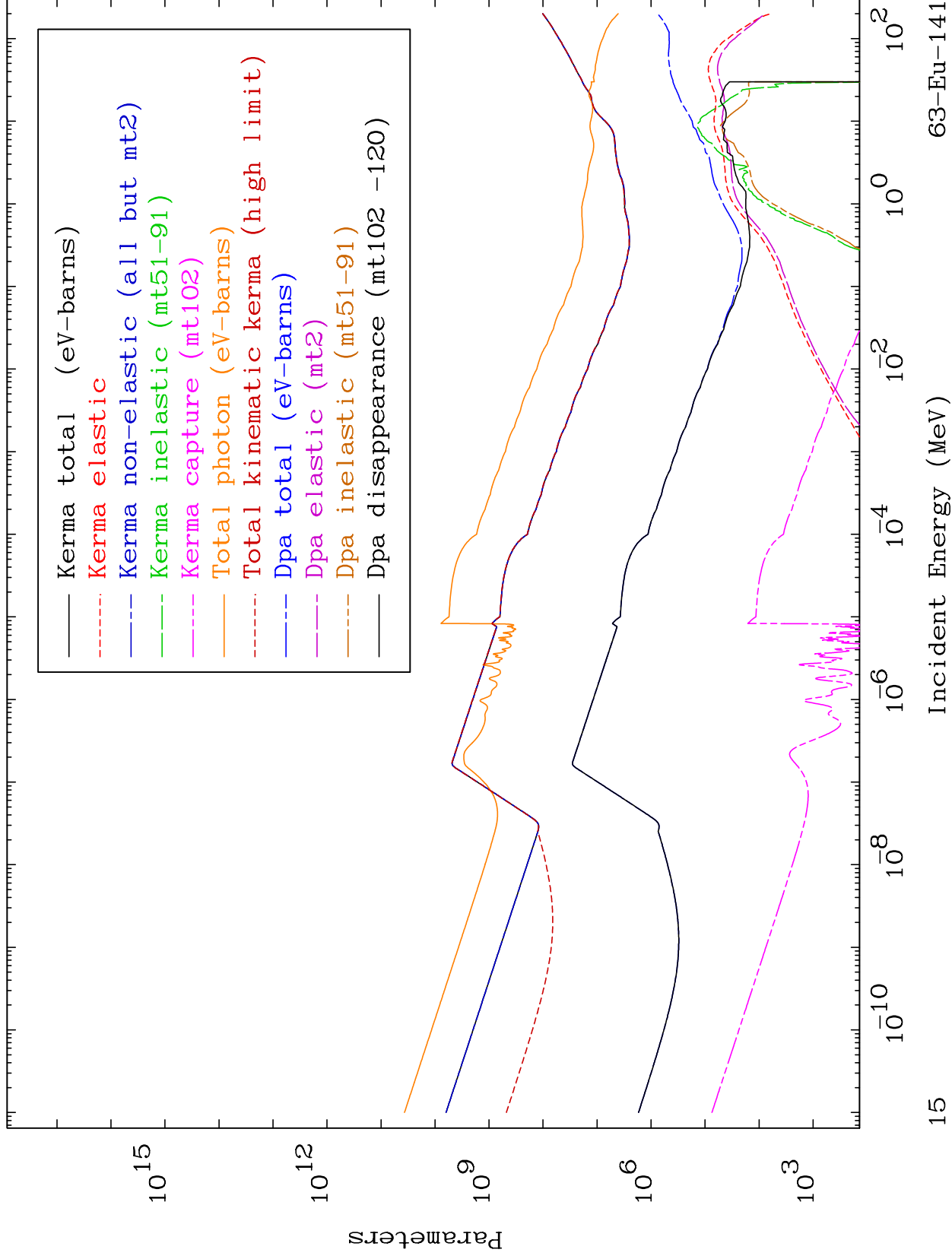
63-Eu-141

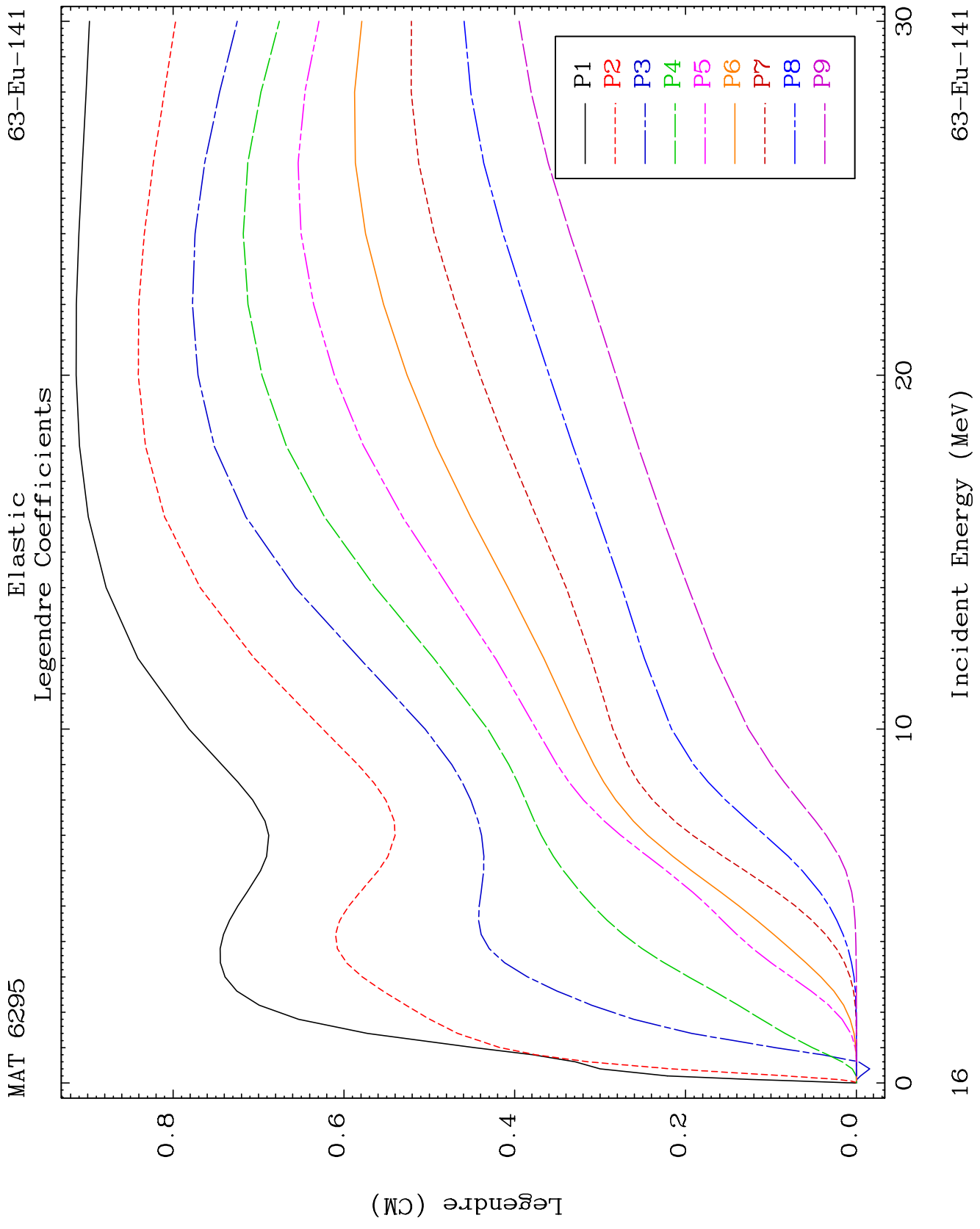


14

Incident Energy (MeV)

63-Eu-141

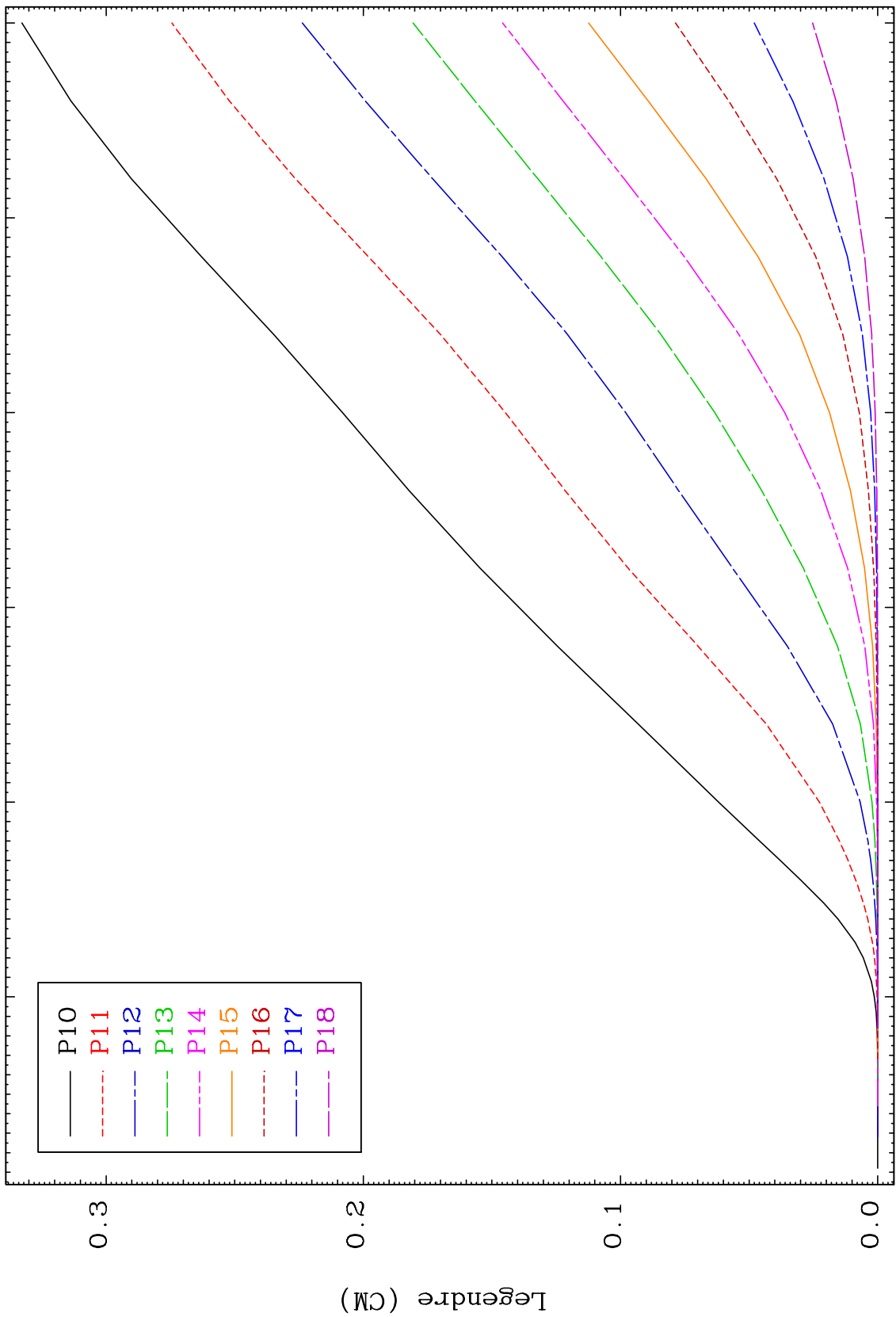




MAT 6295

Elastic Legendre Coefficients

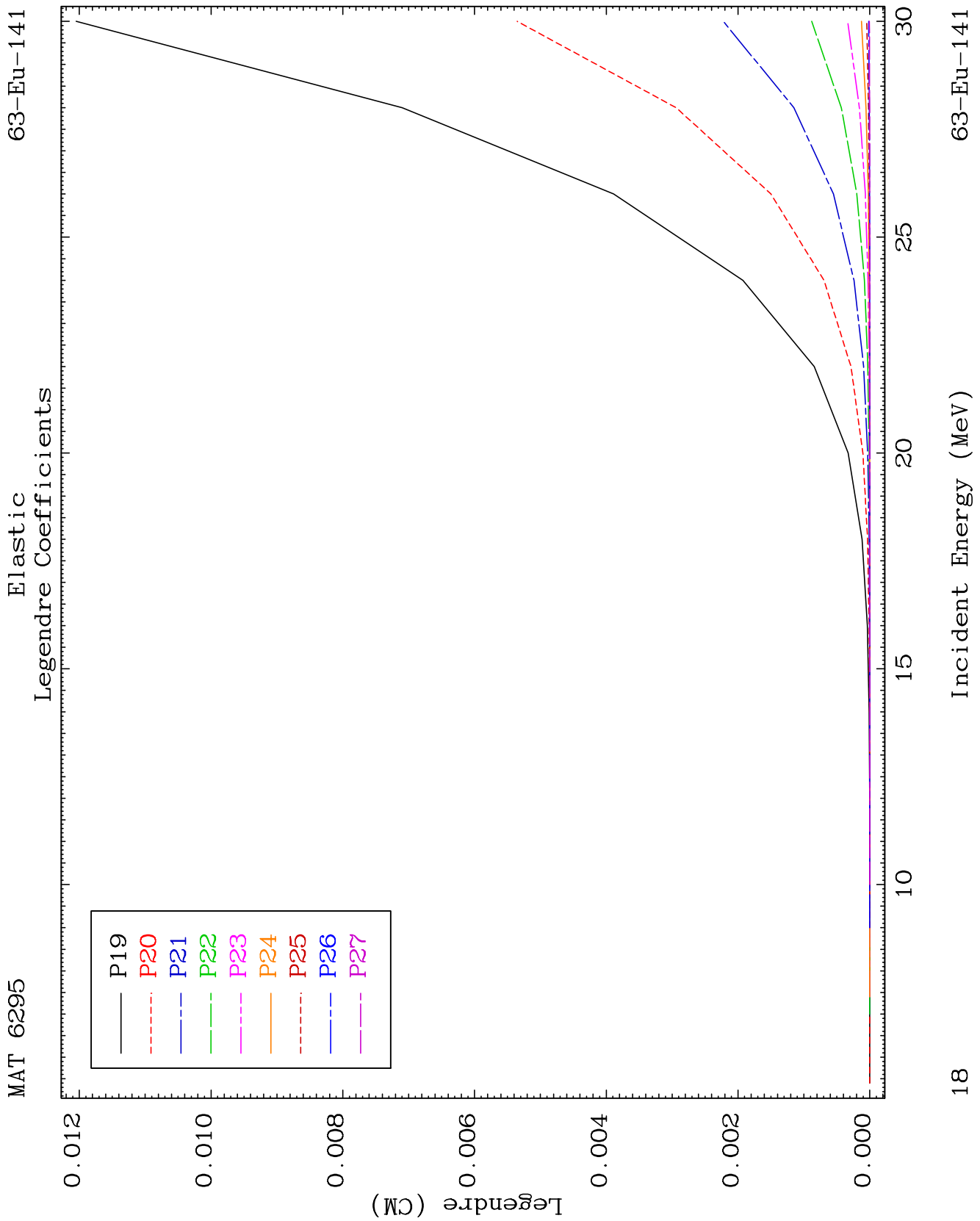
63-Eu-141



17

63-Eu-141

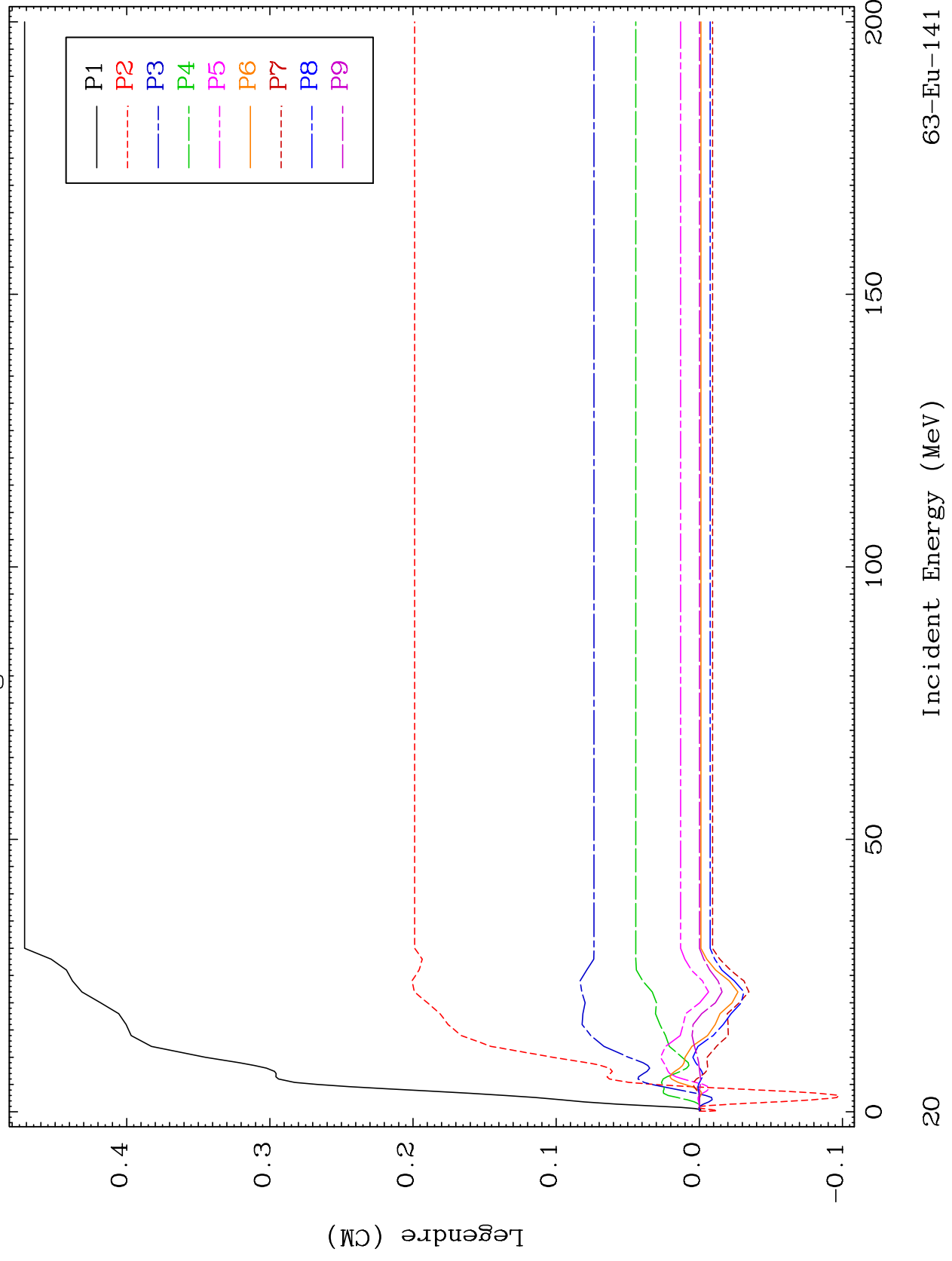
Incident Energy (MeV)



MAT 6295

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

63-Eu-141

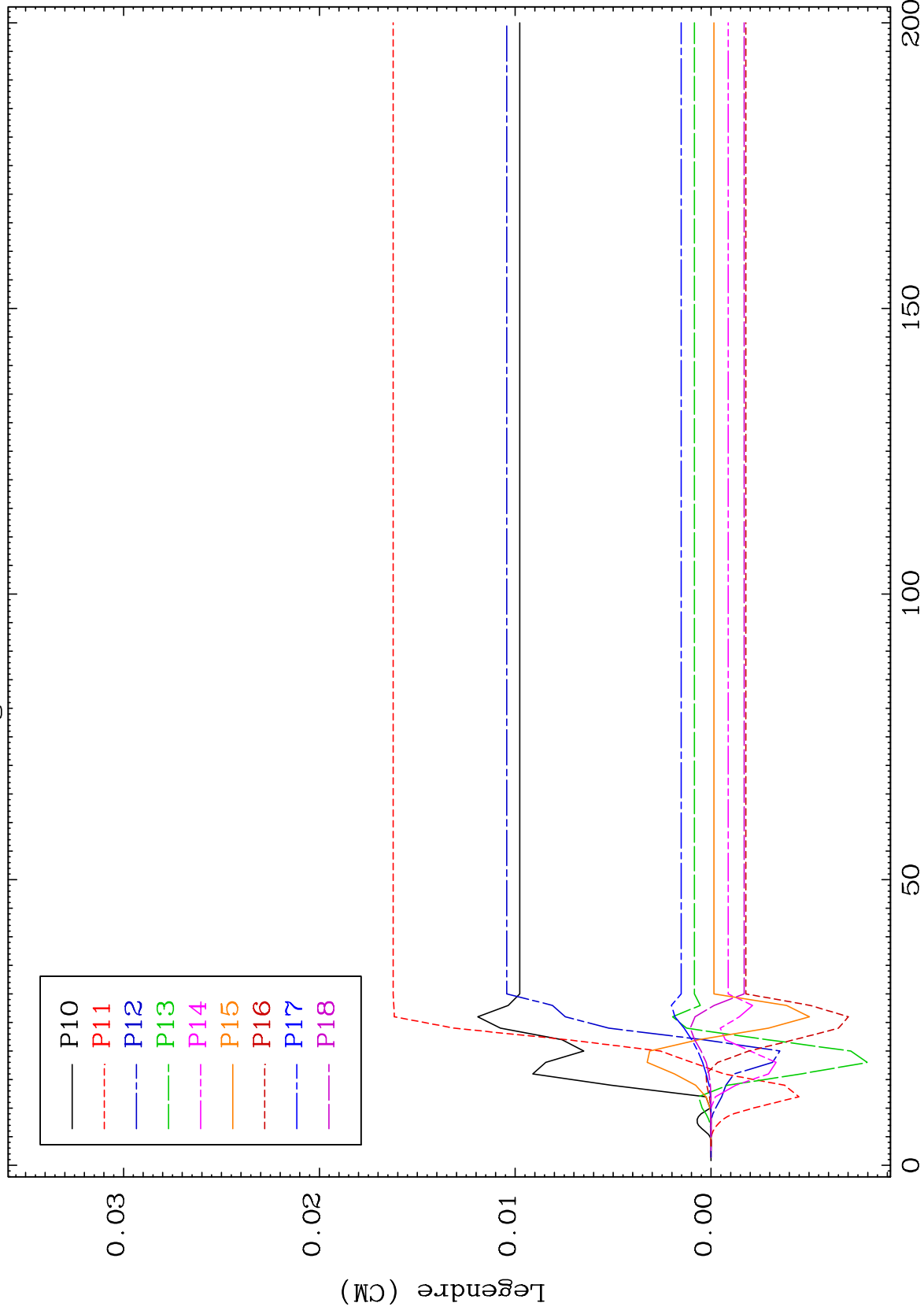


63-Eu-141

MAT 6295

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

63-Eu-141



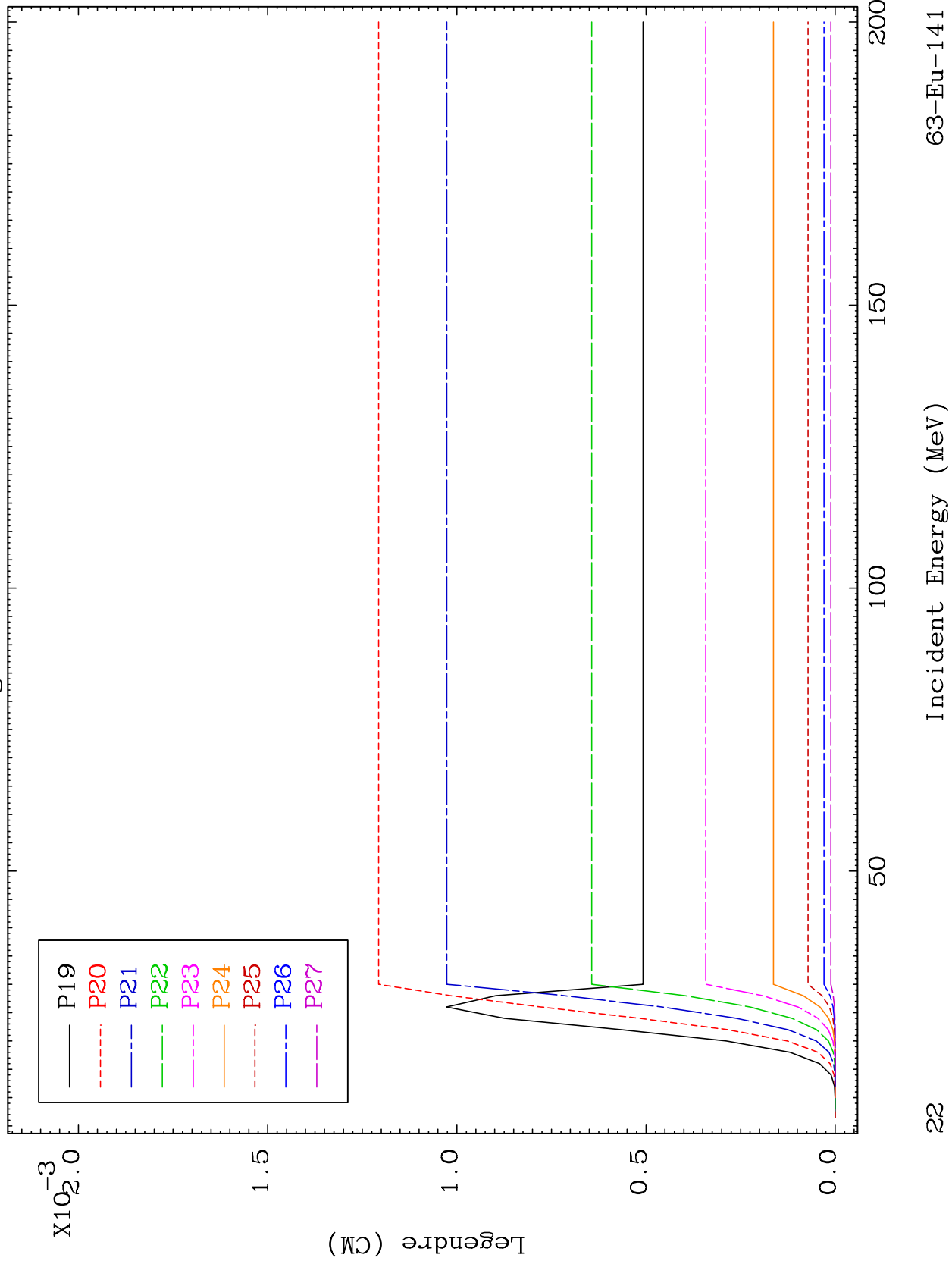
21

63-Eu-141

MAT 6295

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

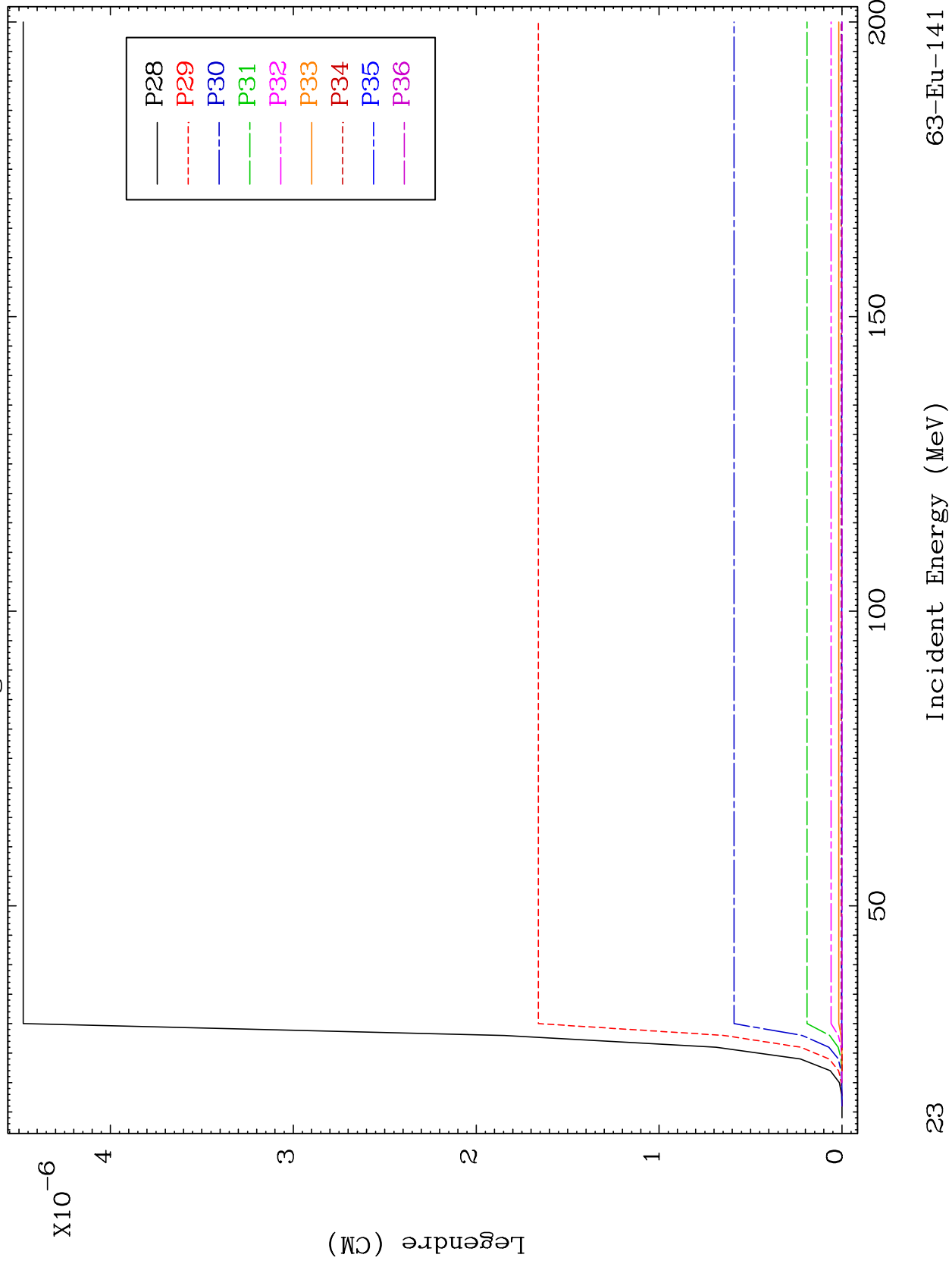
63-Eu-141



MAT 6295

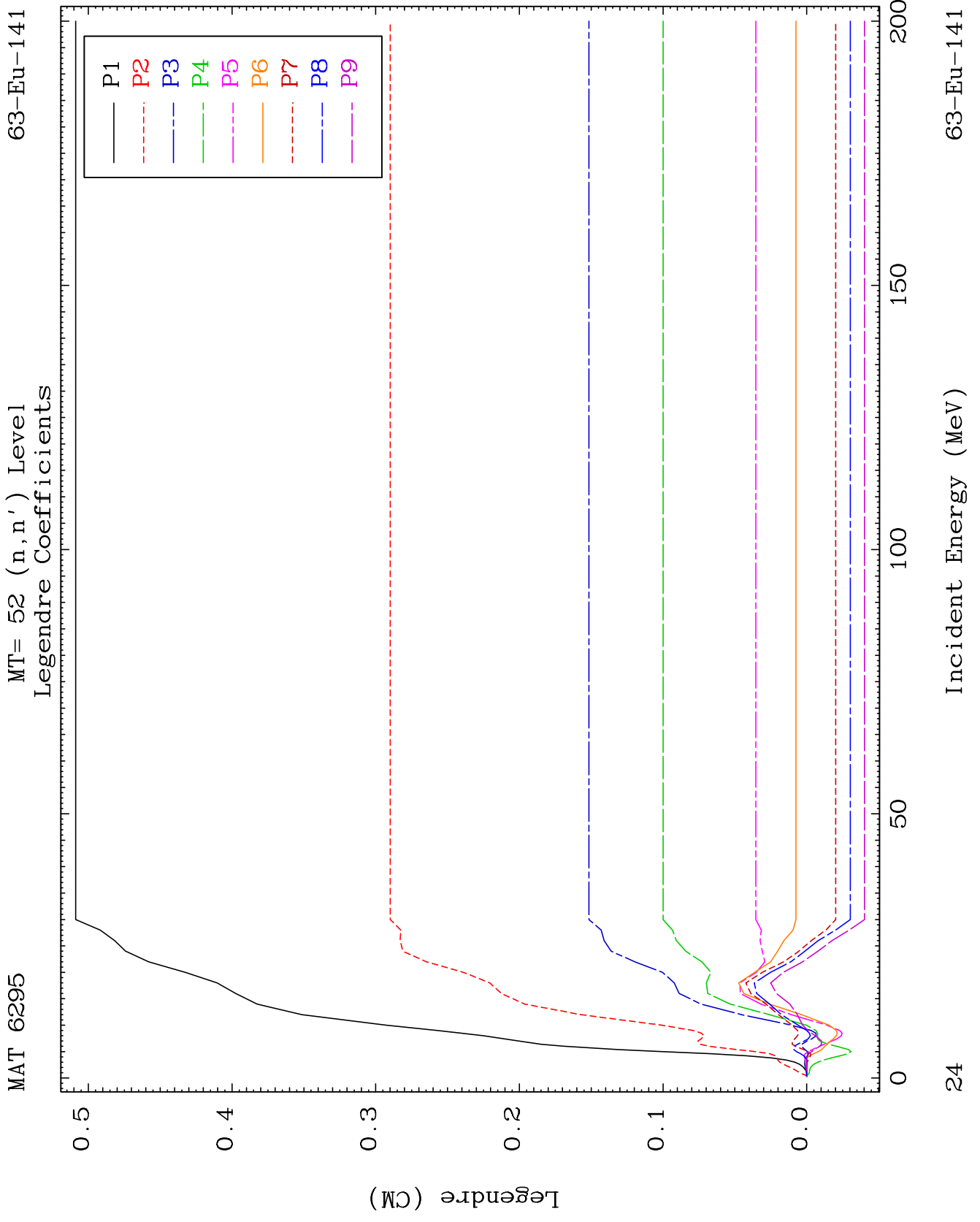
MT= 51 (n,n') Level
Legendre Coefficients

63-Eu-141



23

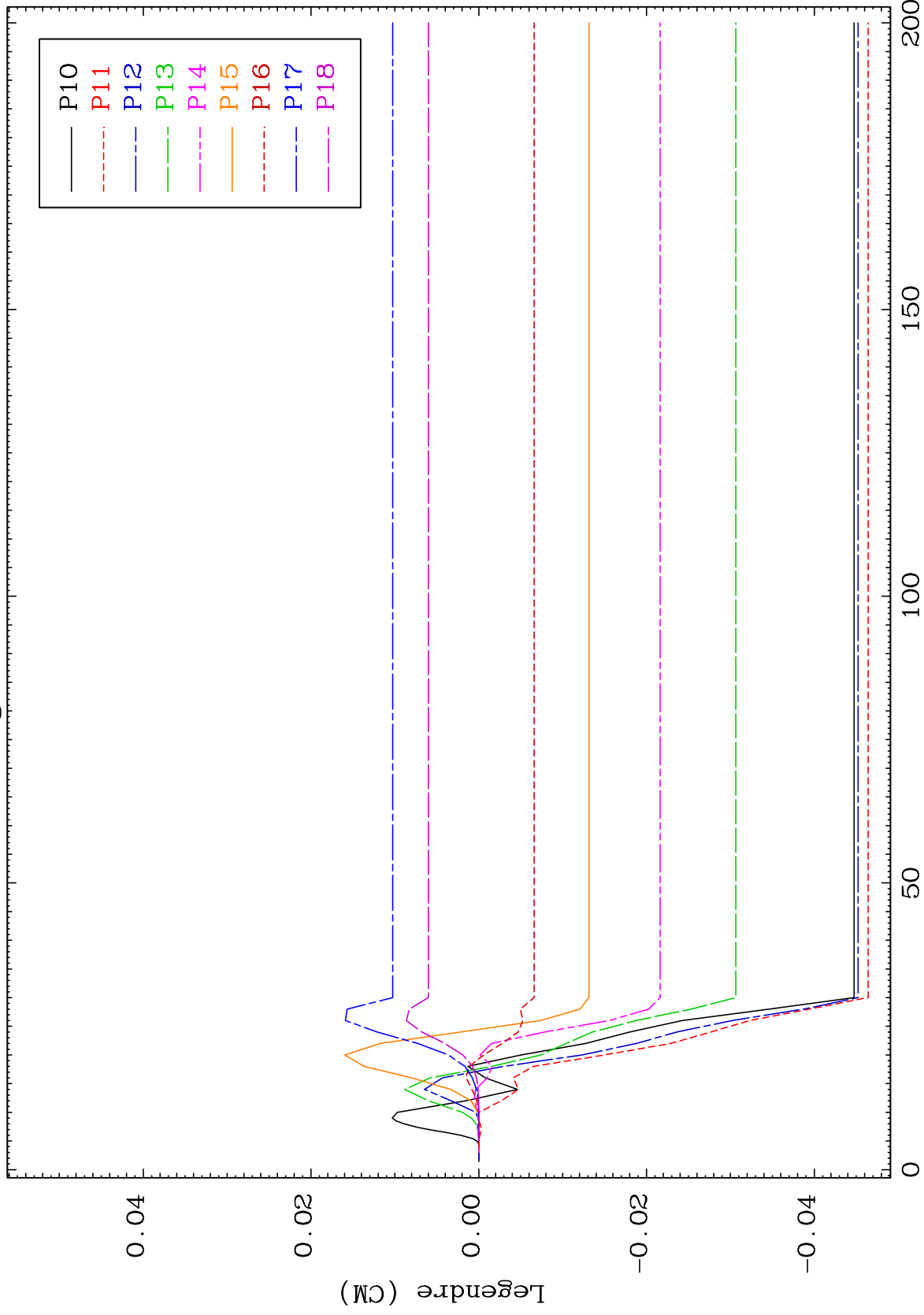
63-Eu-141



MAT 6295

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

63-Eu-141



25

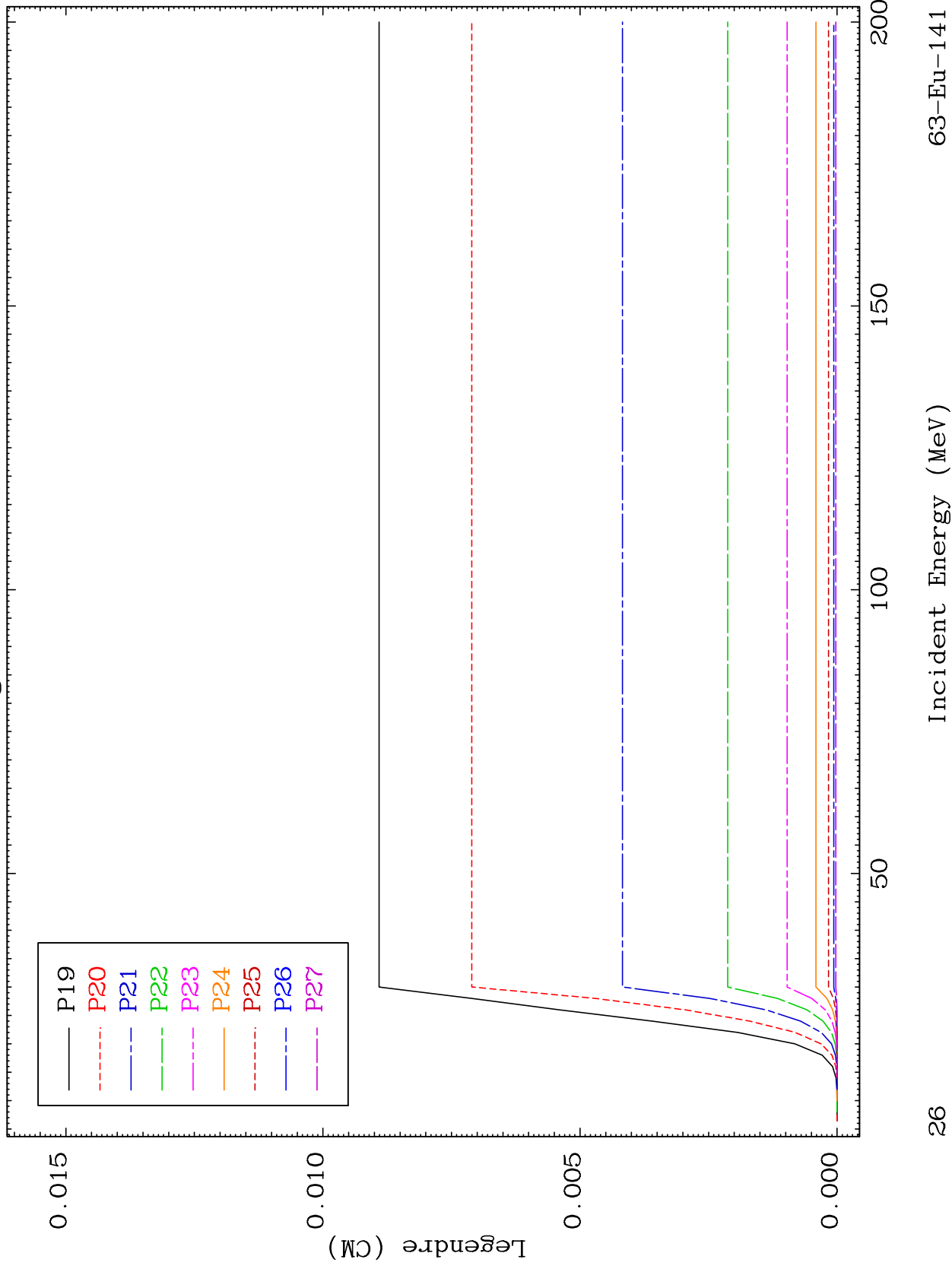
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



26

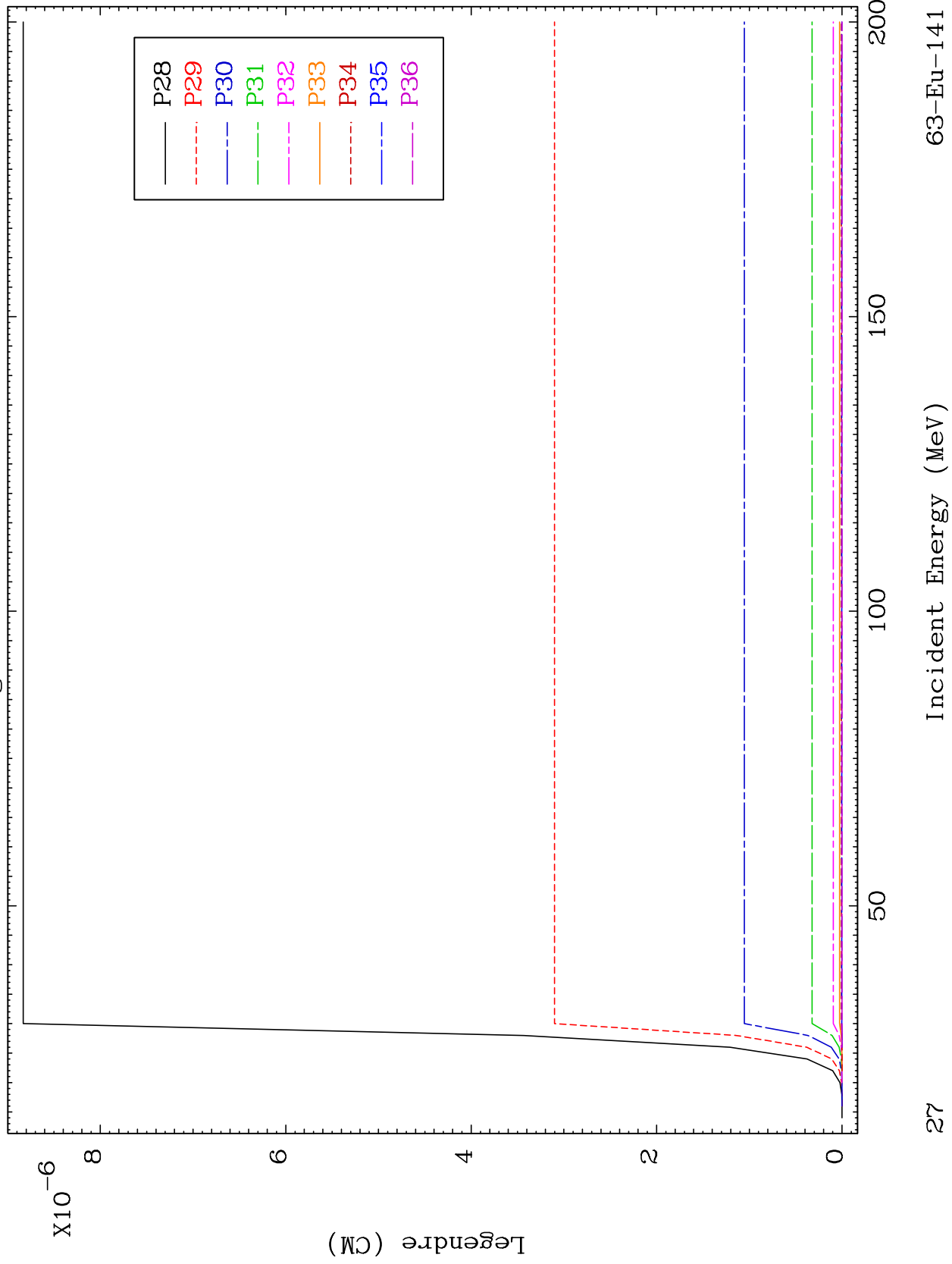
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141

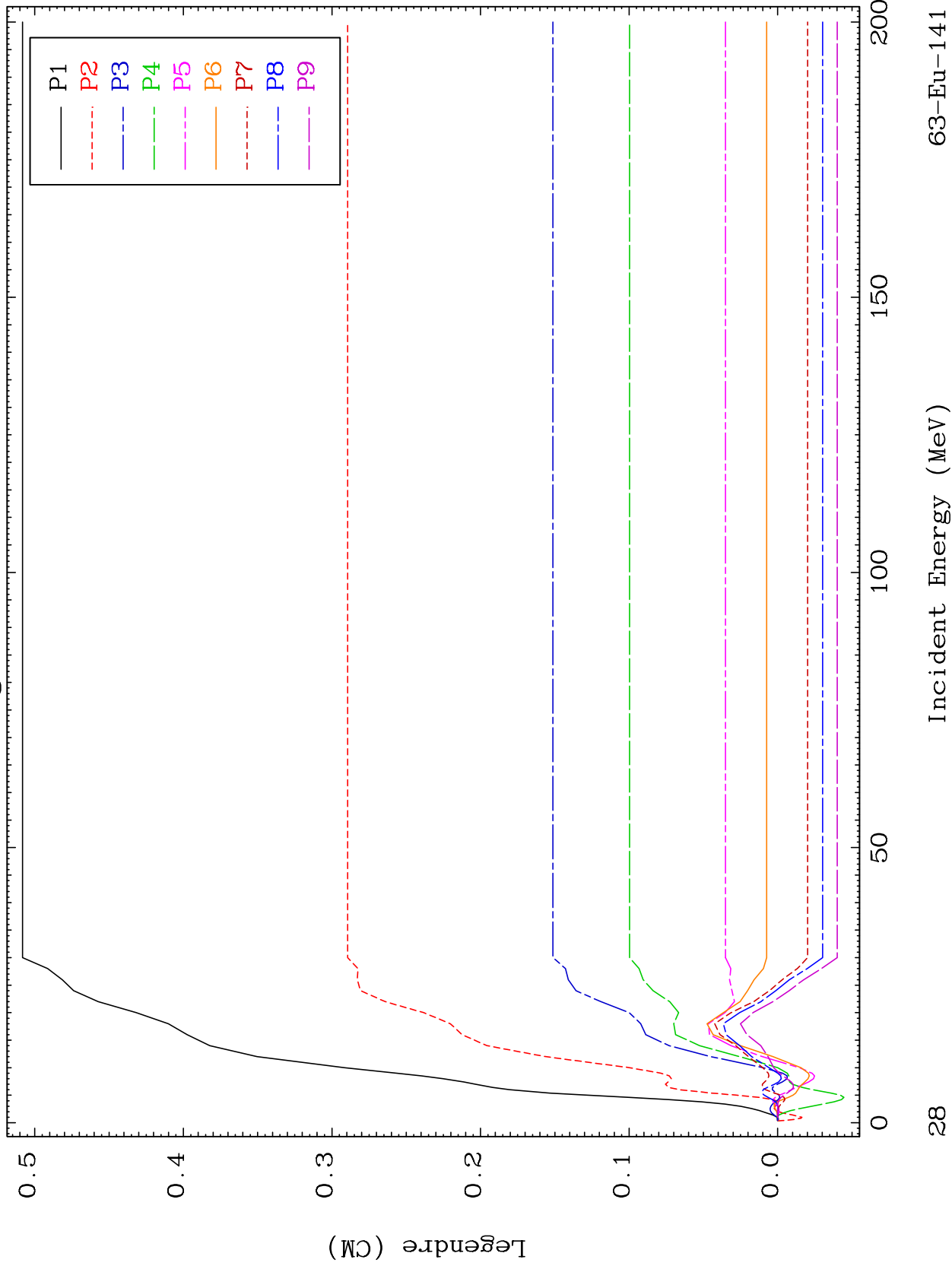


MAT 6295

MT= 53 (n,n') Level

63-Eu-141

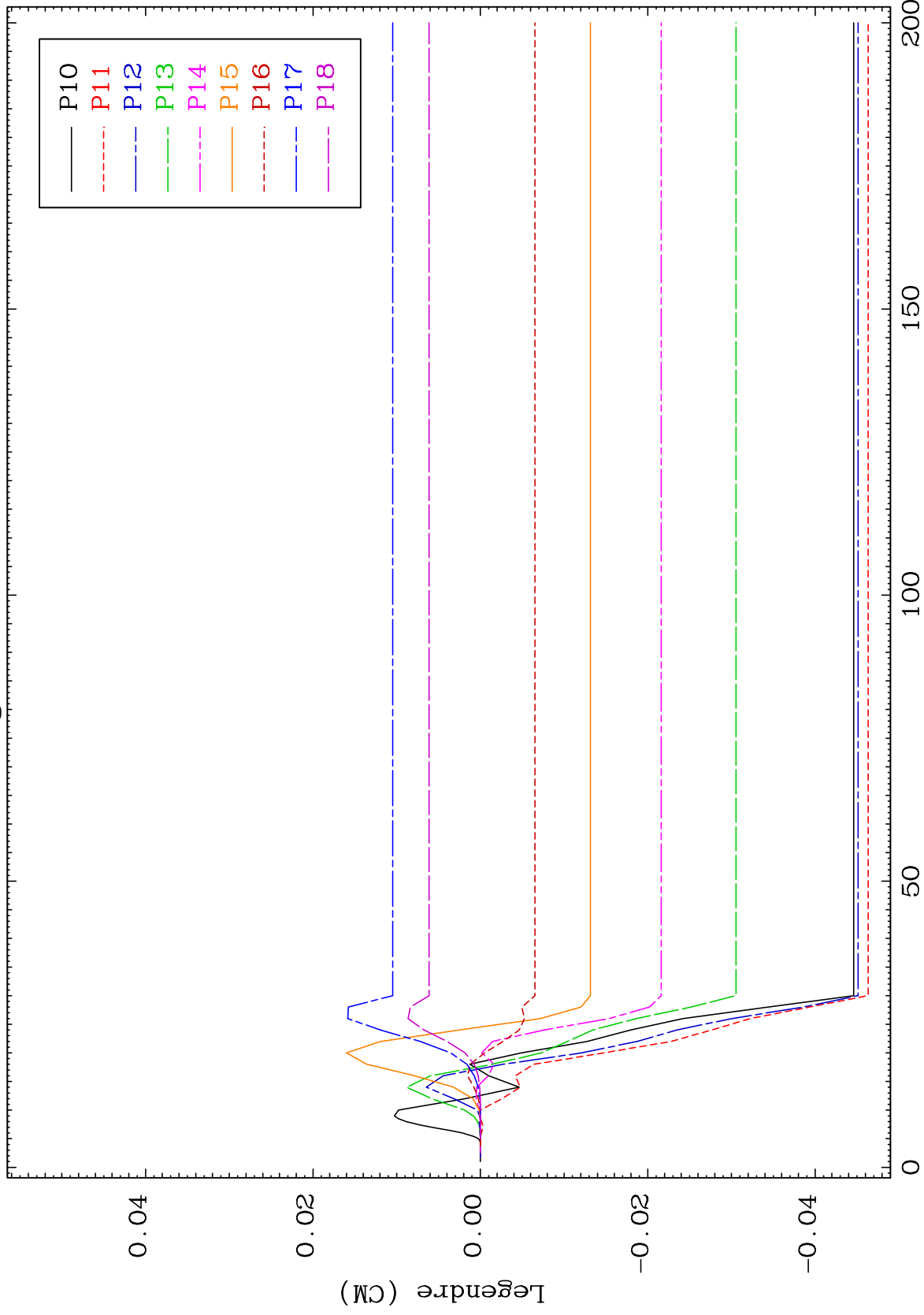
Legendre Coefficients



MAT 6295

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

63-Eu-141



29

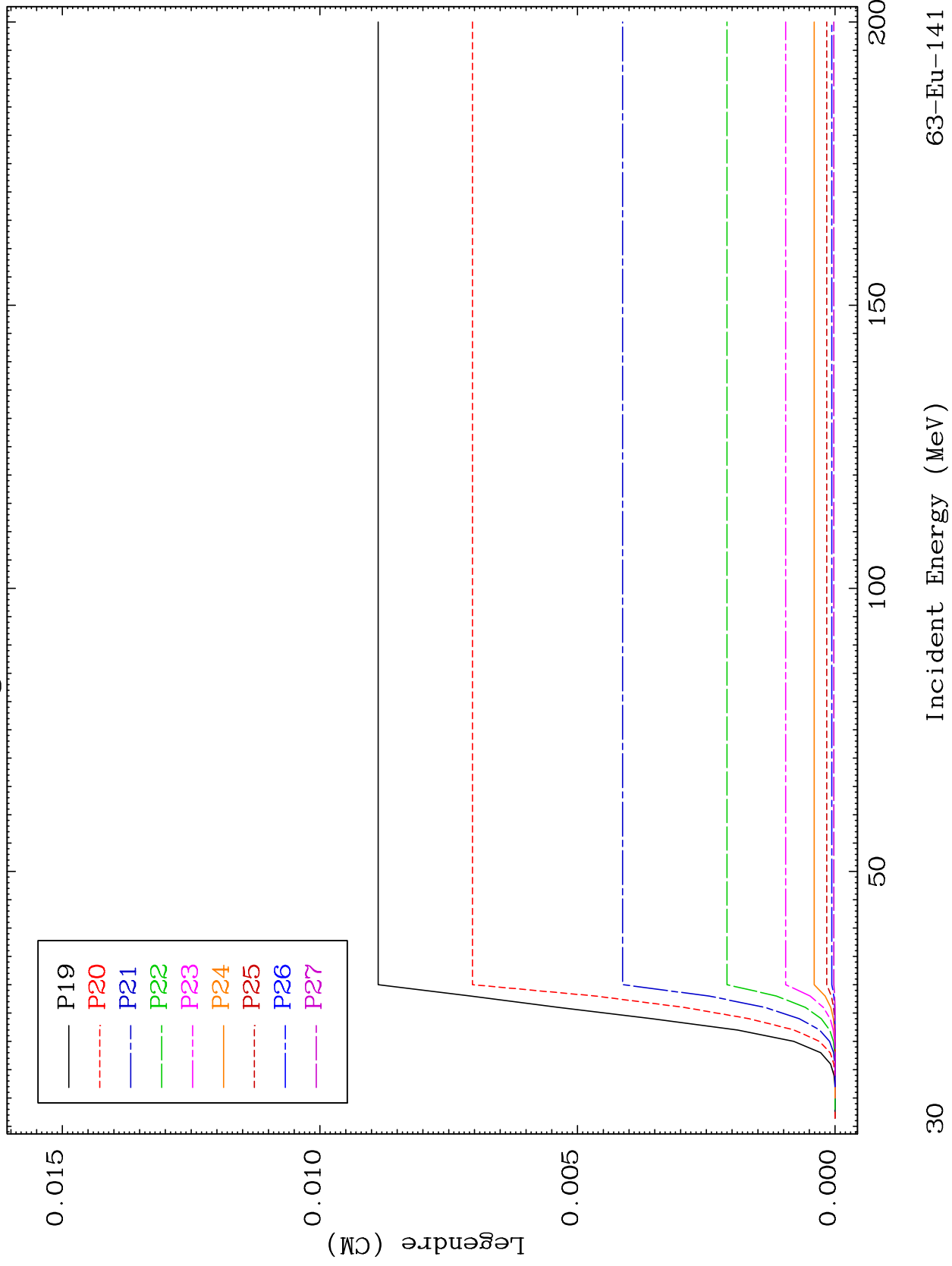
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



30

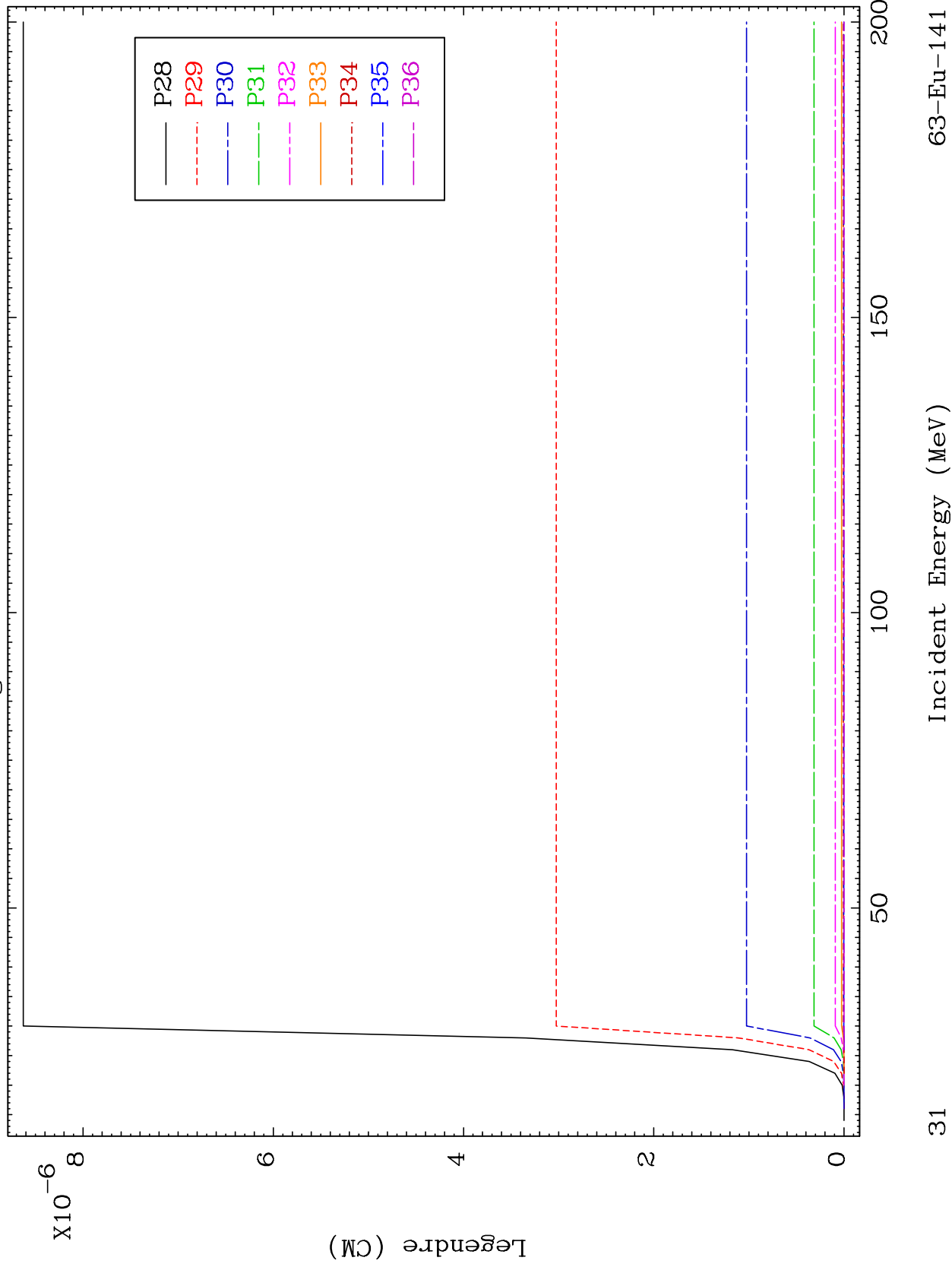
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



31

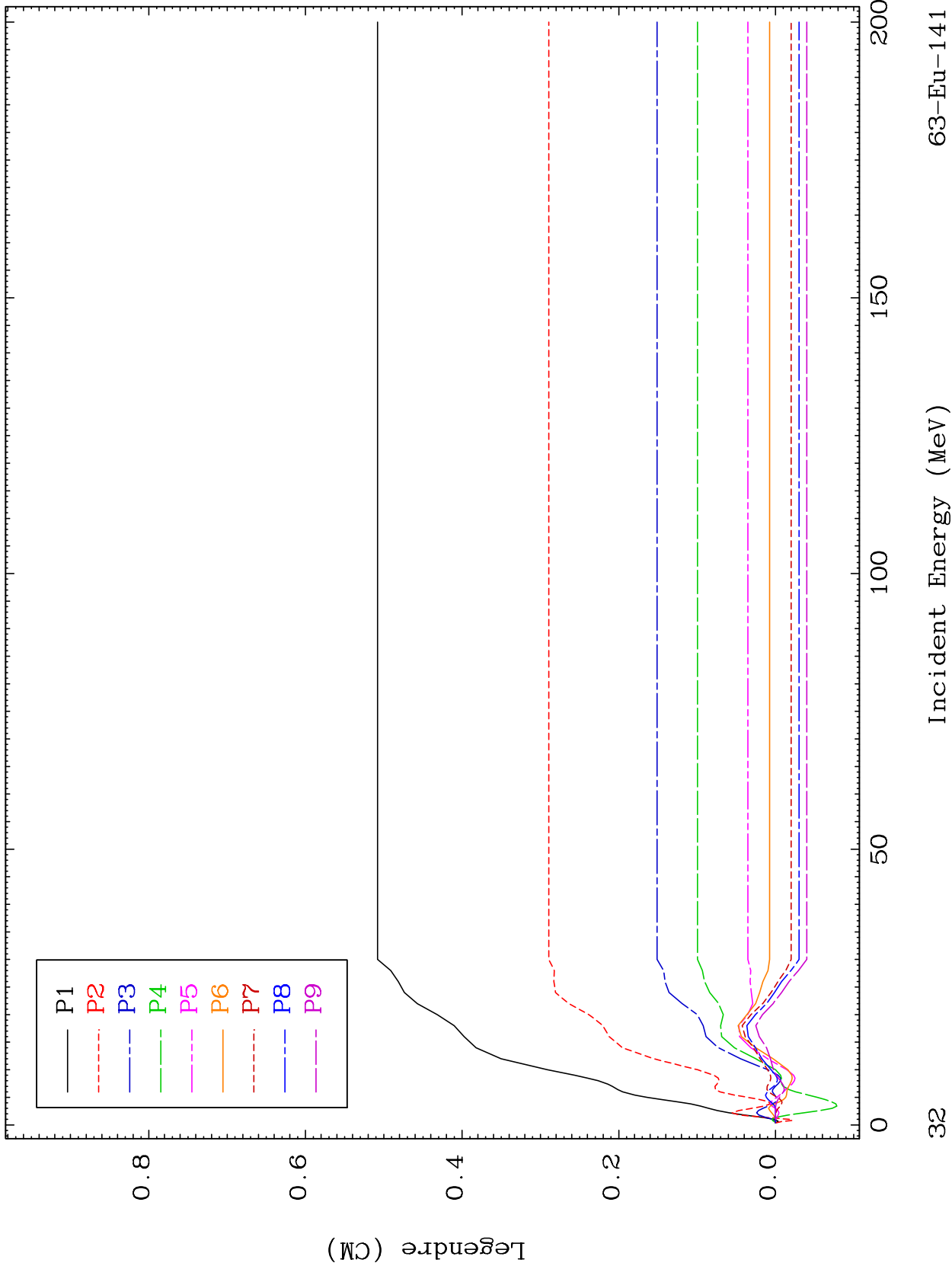
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



63-Eu-141

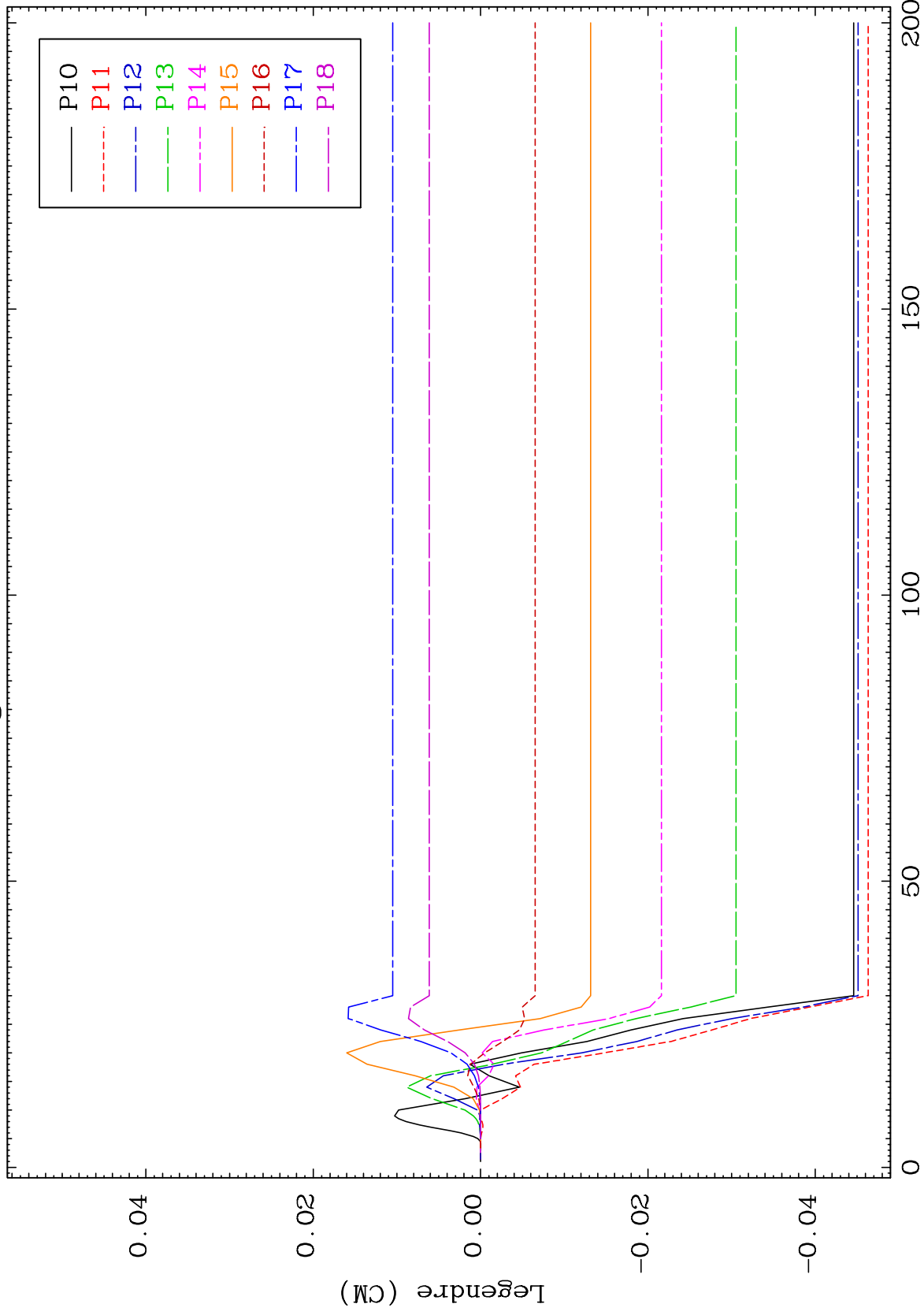
Incident Energy (MeV)

32

MAT 6295

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

63-Eu-141



33

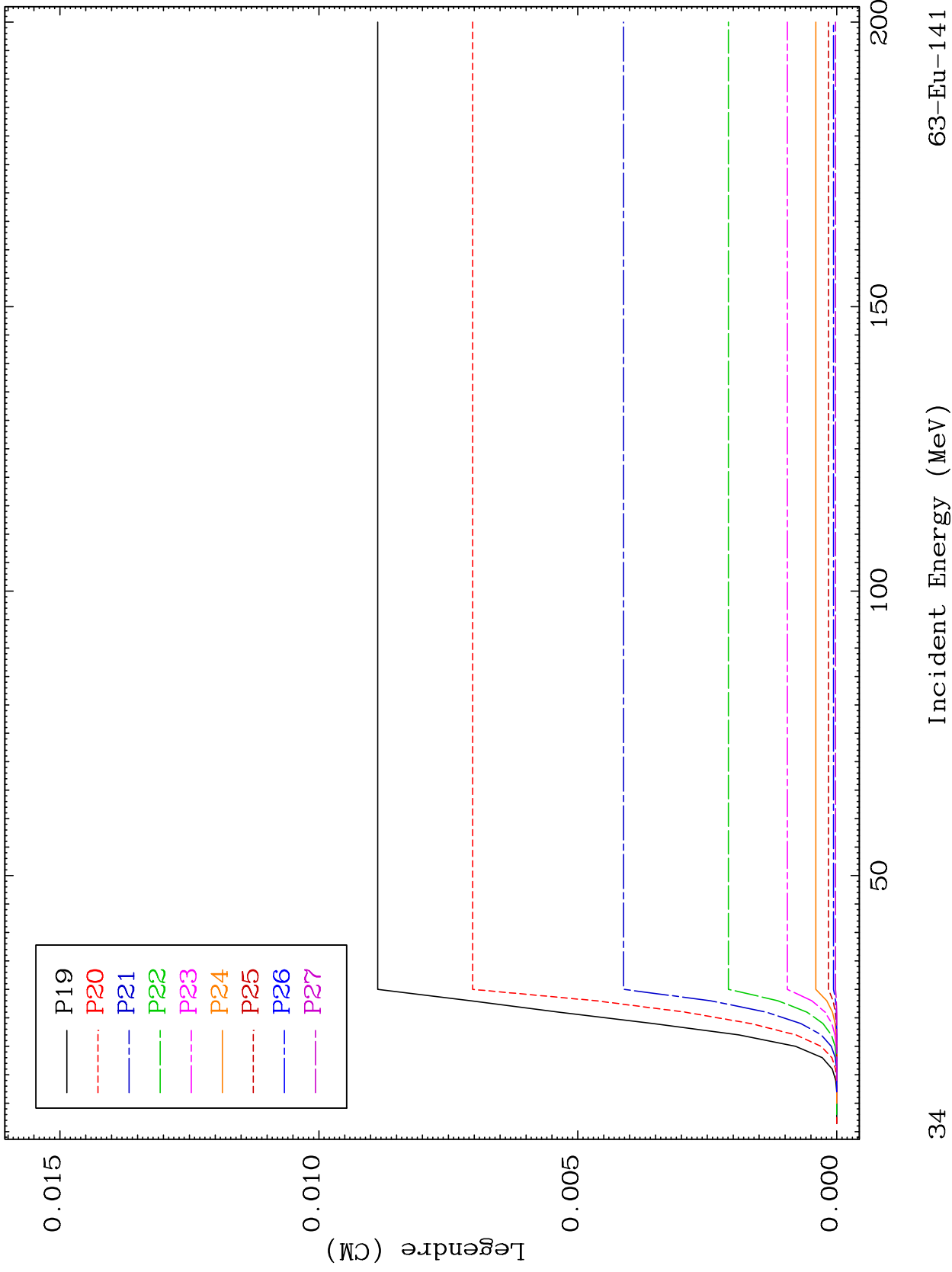
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



34

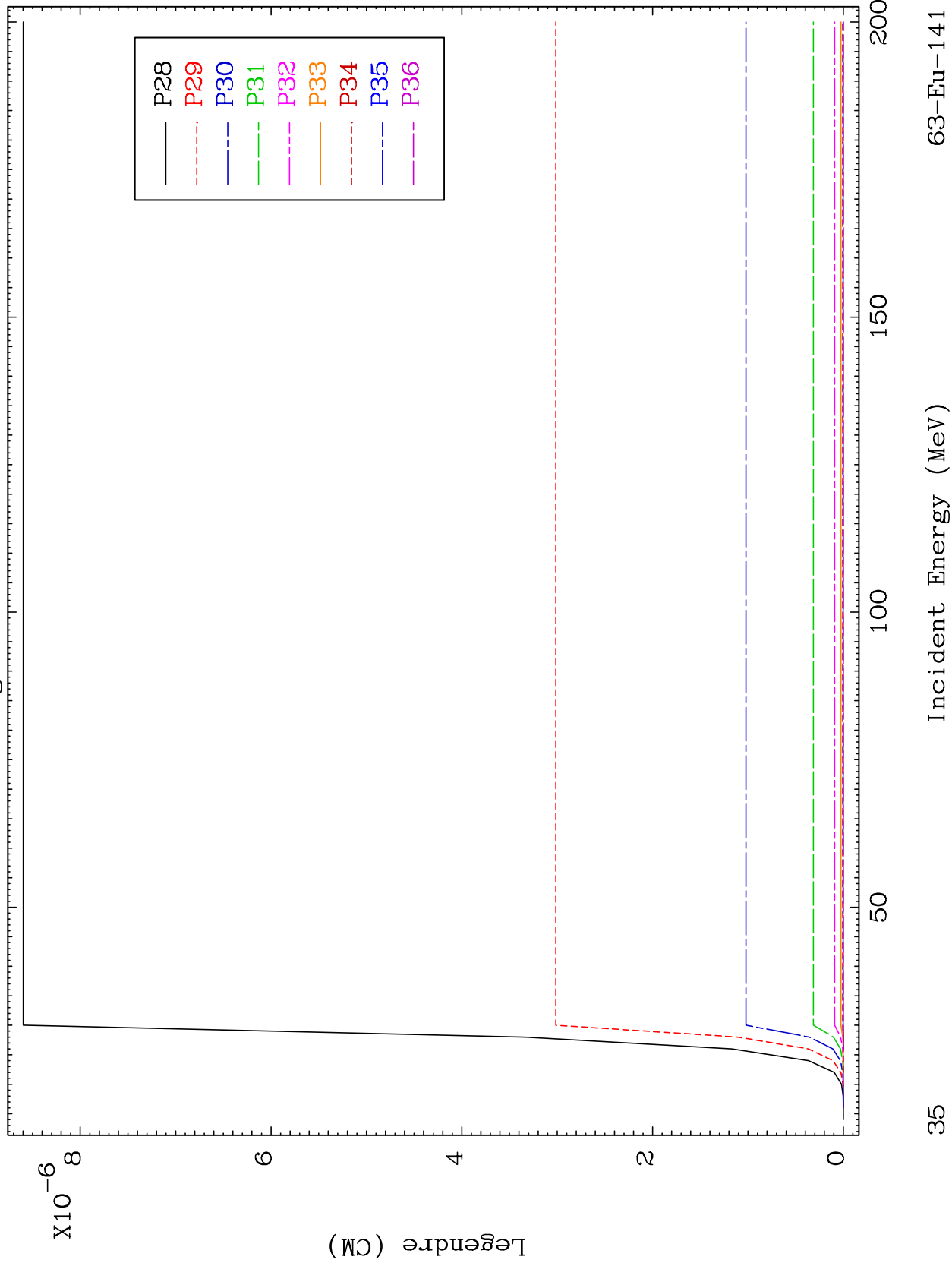
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



35

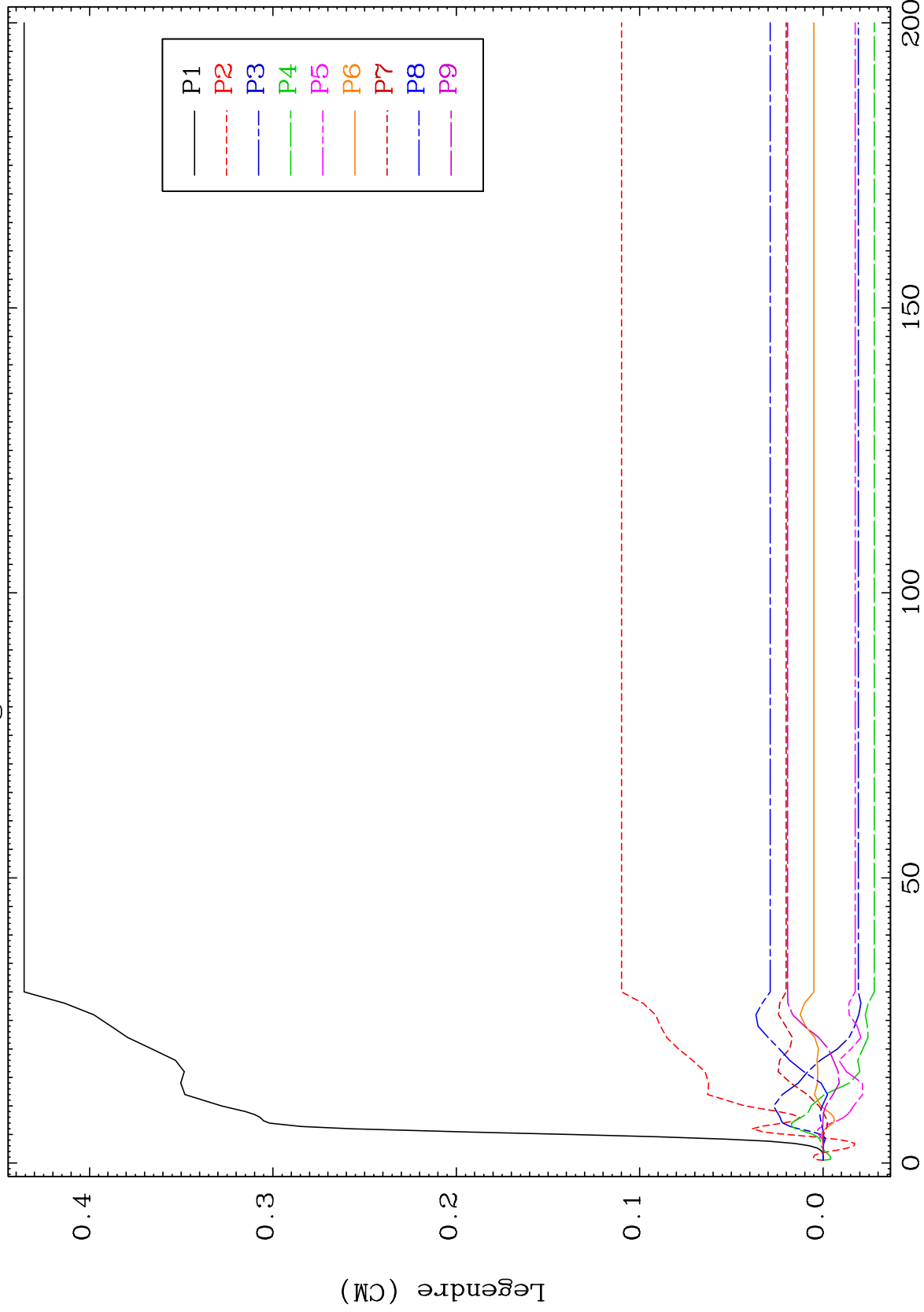
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



63-Eu-141

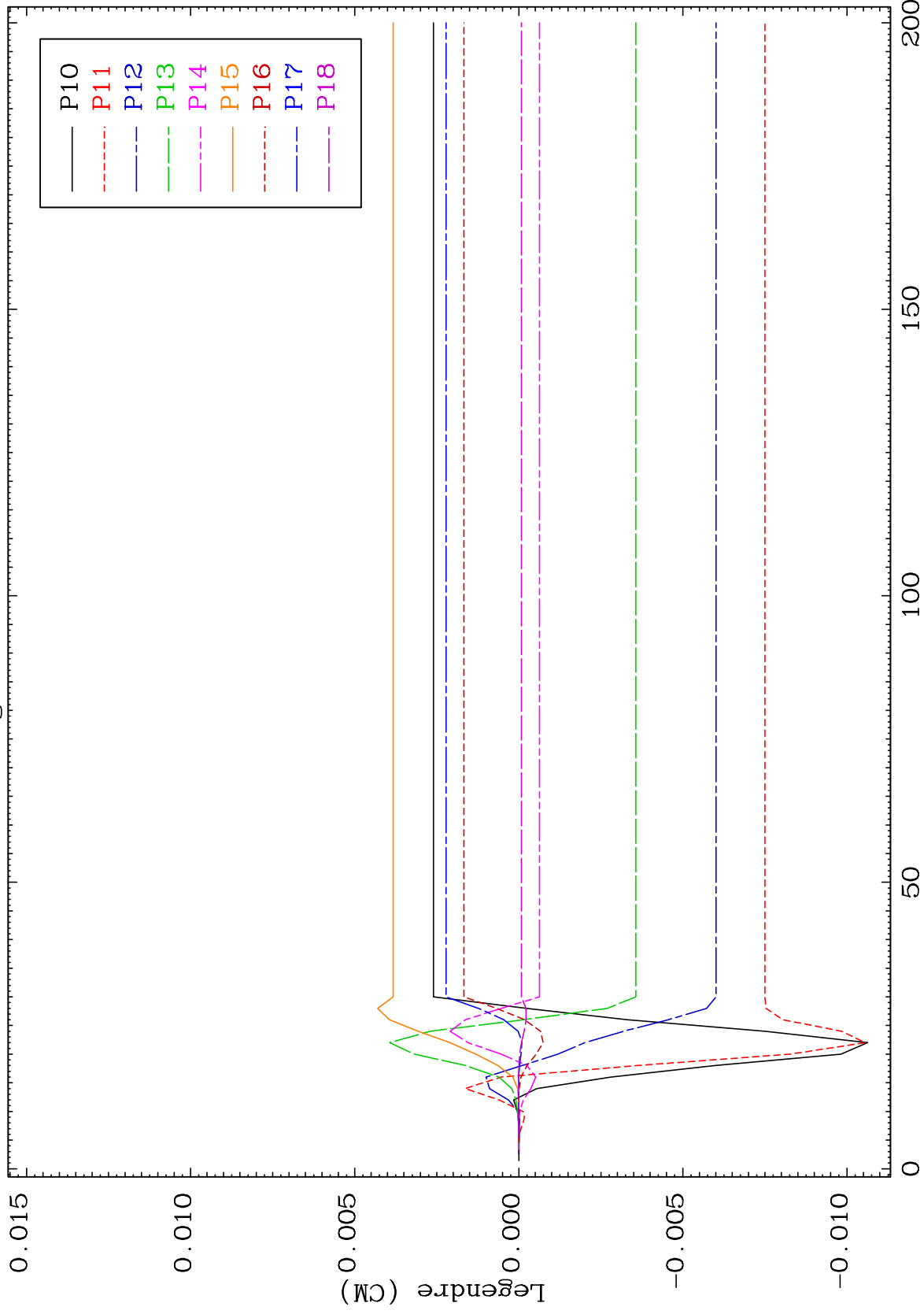
Incident Energy (MeV)

36

MAT 6295

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

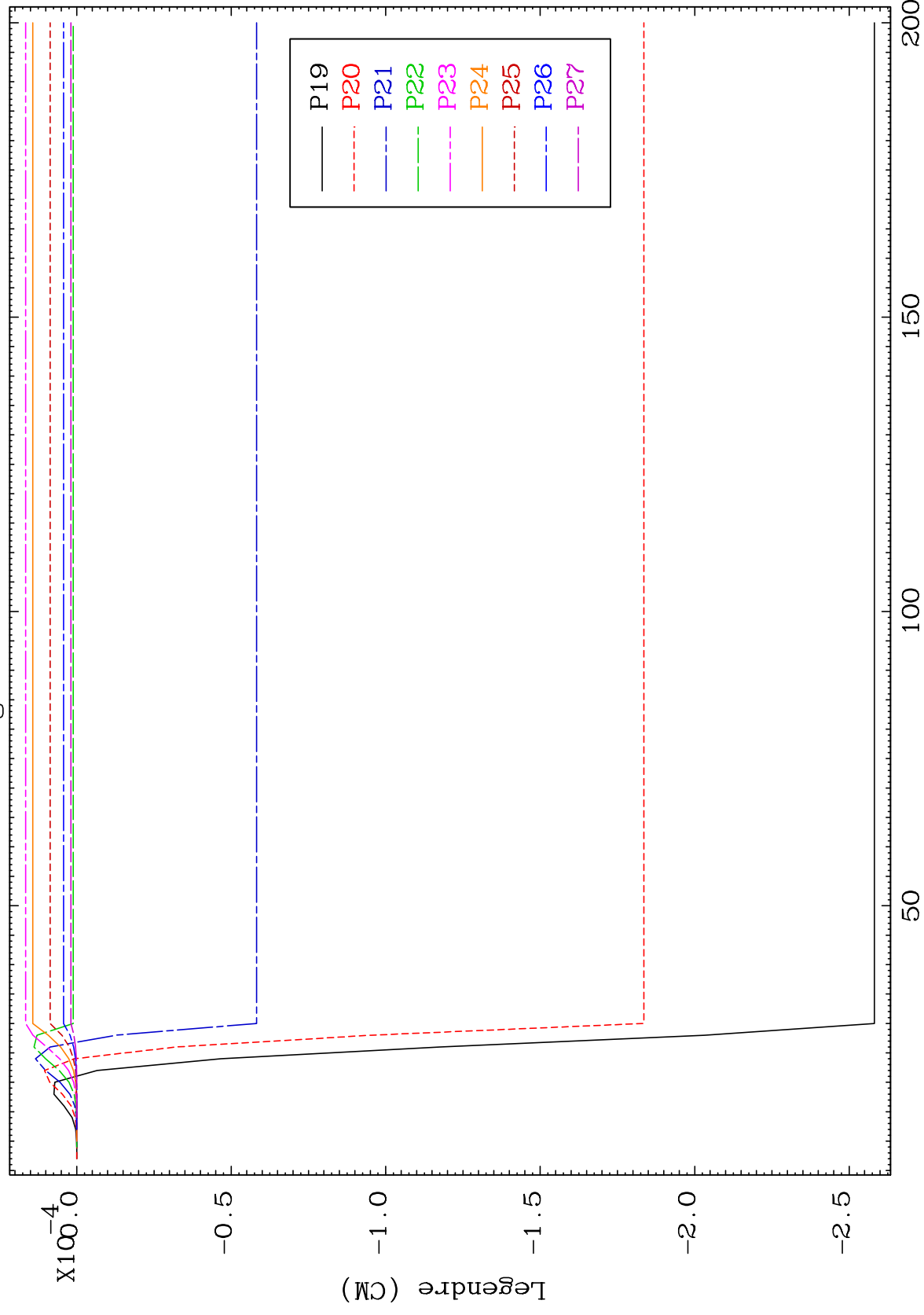
63-Eu-141



37

Incident Energy (MeV)

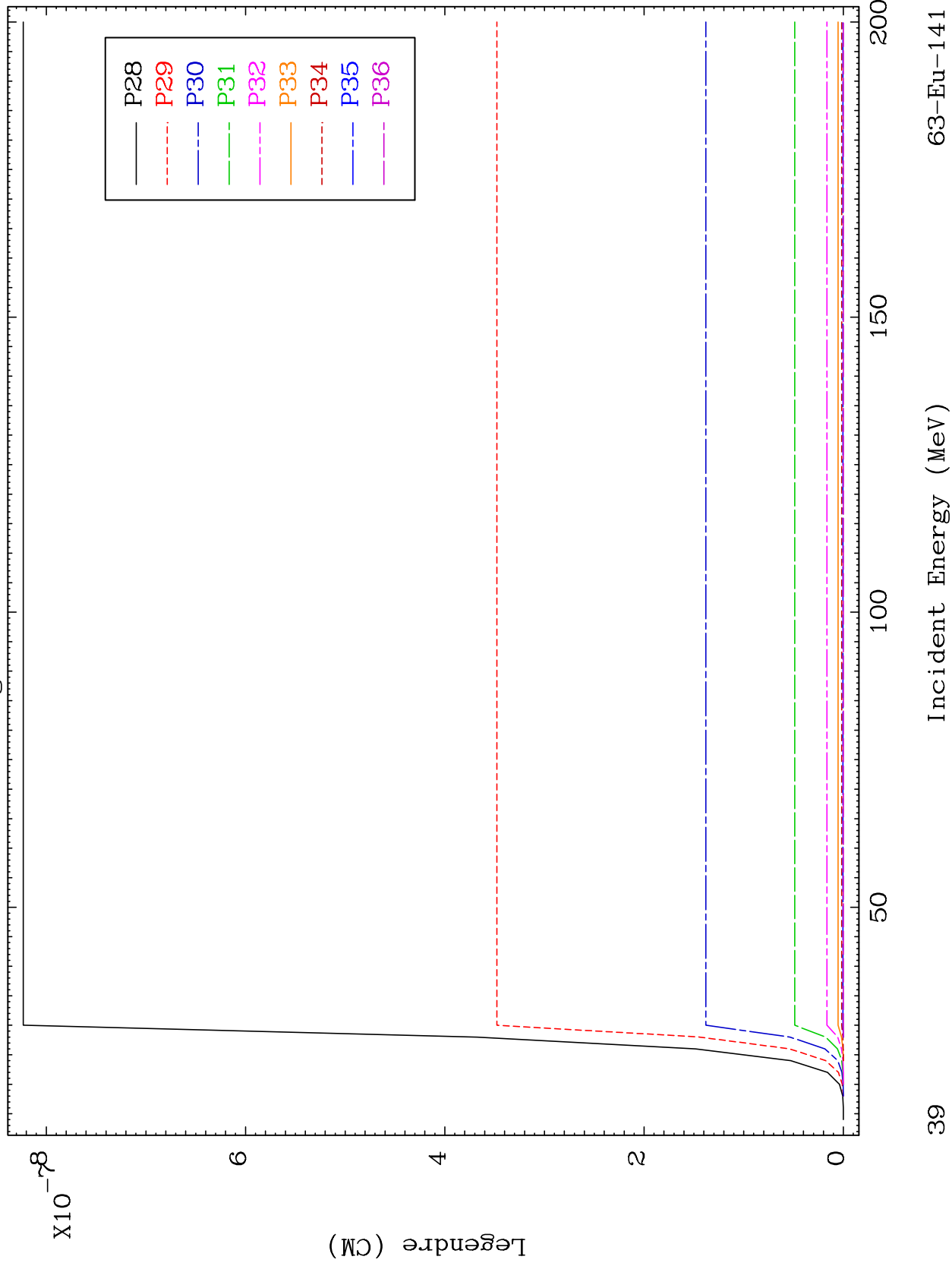
63-Eu-141



MAT 6295

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

63-Eu-141



39

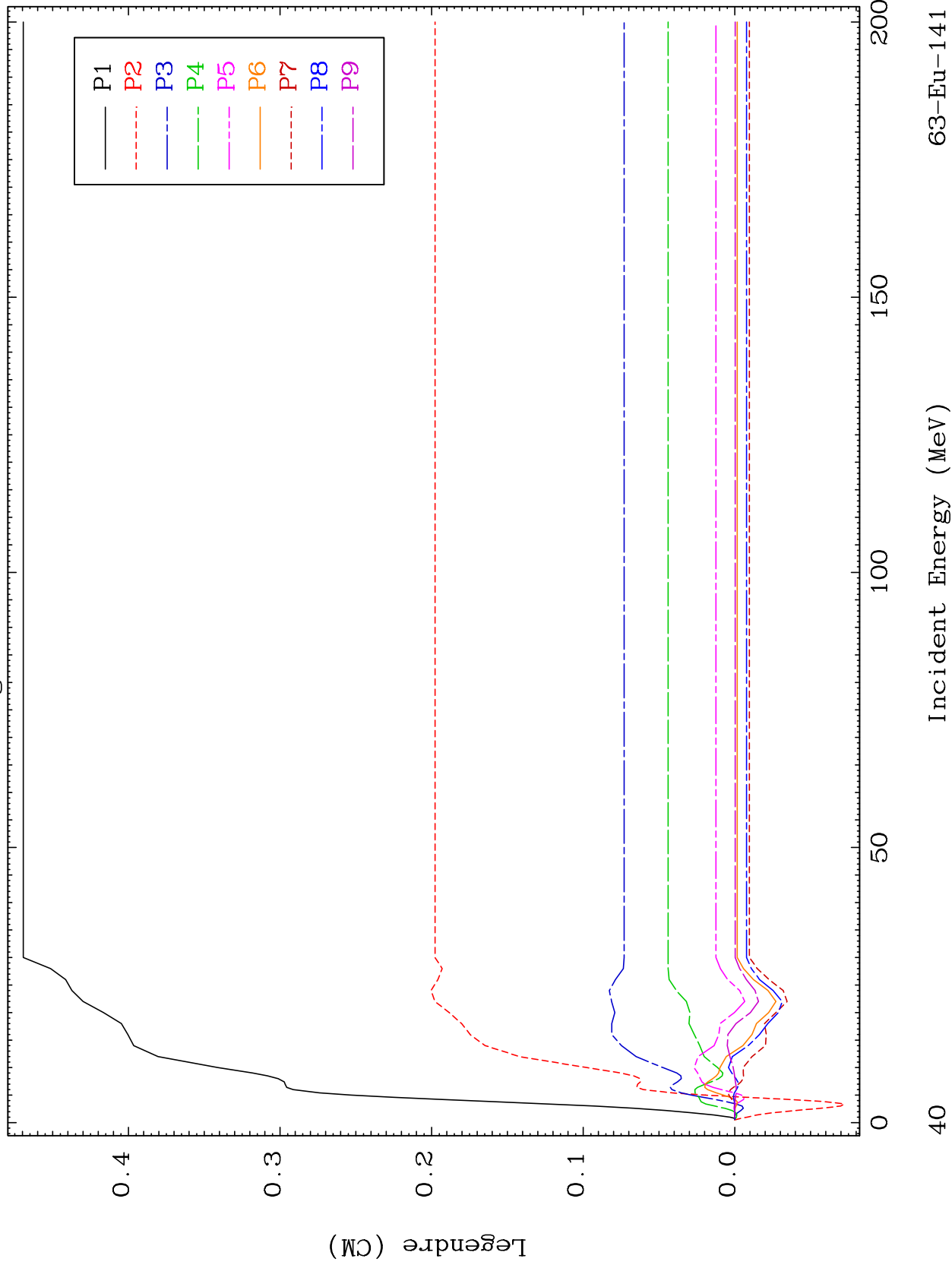
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



63-Eu-141

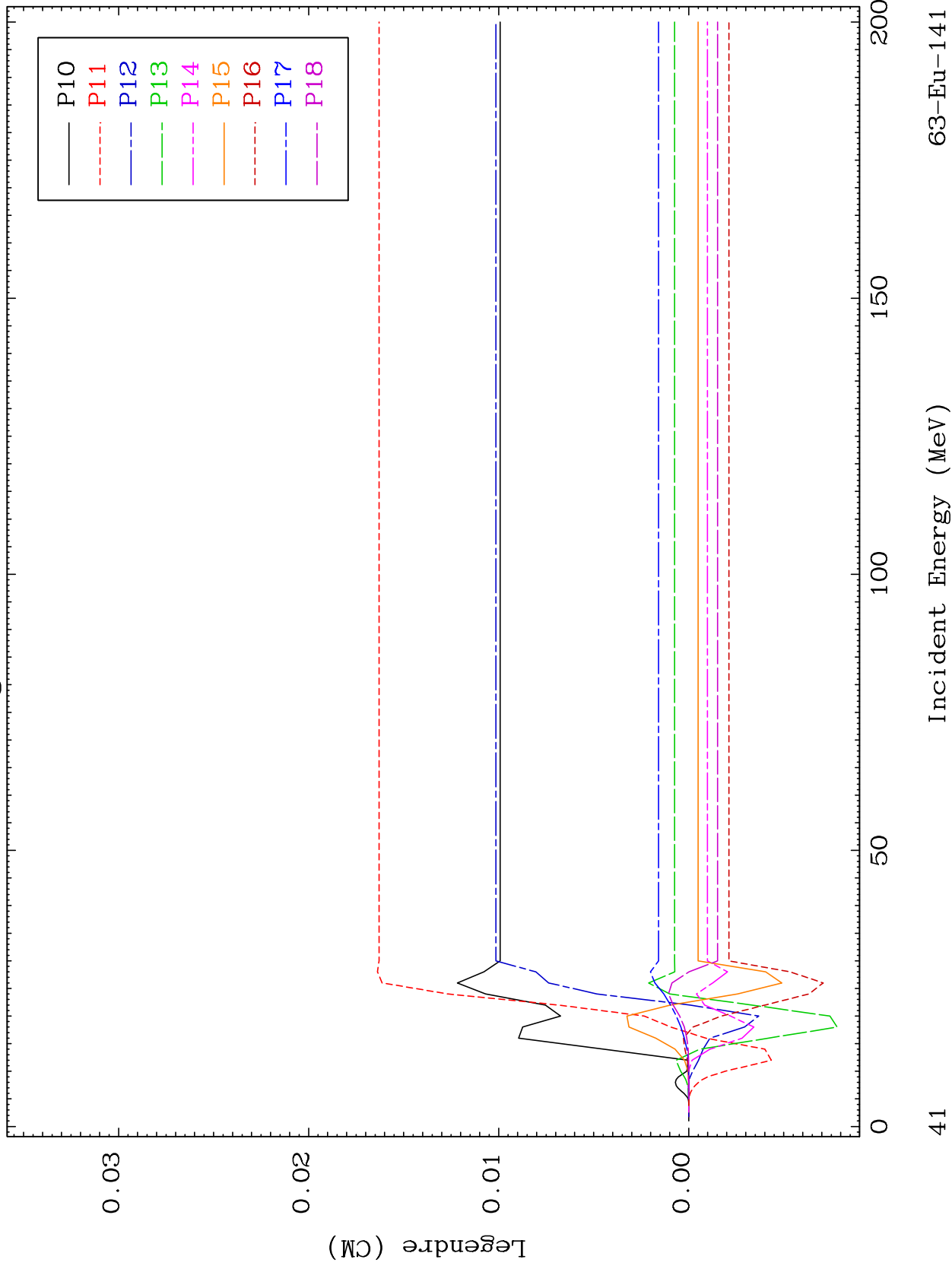
Incident Energy (MeV)

0

MAT 6295

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

63-Eu-141



41

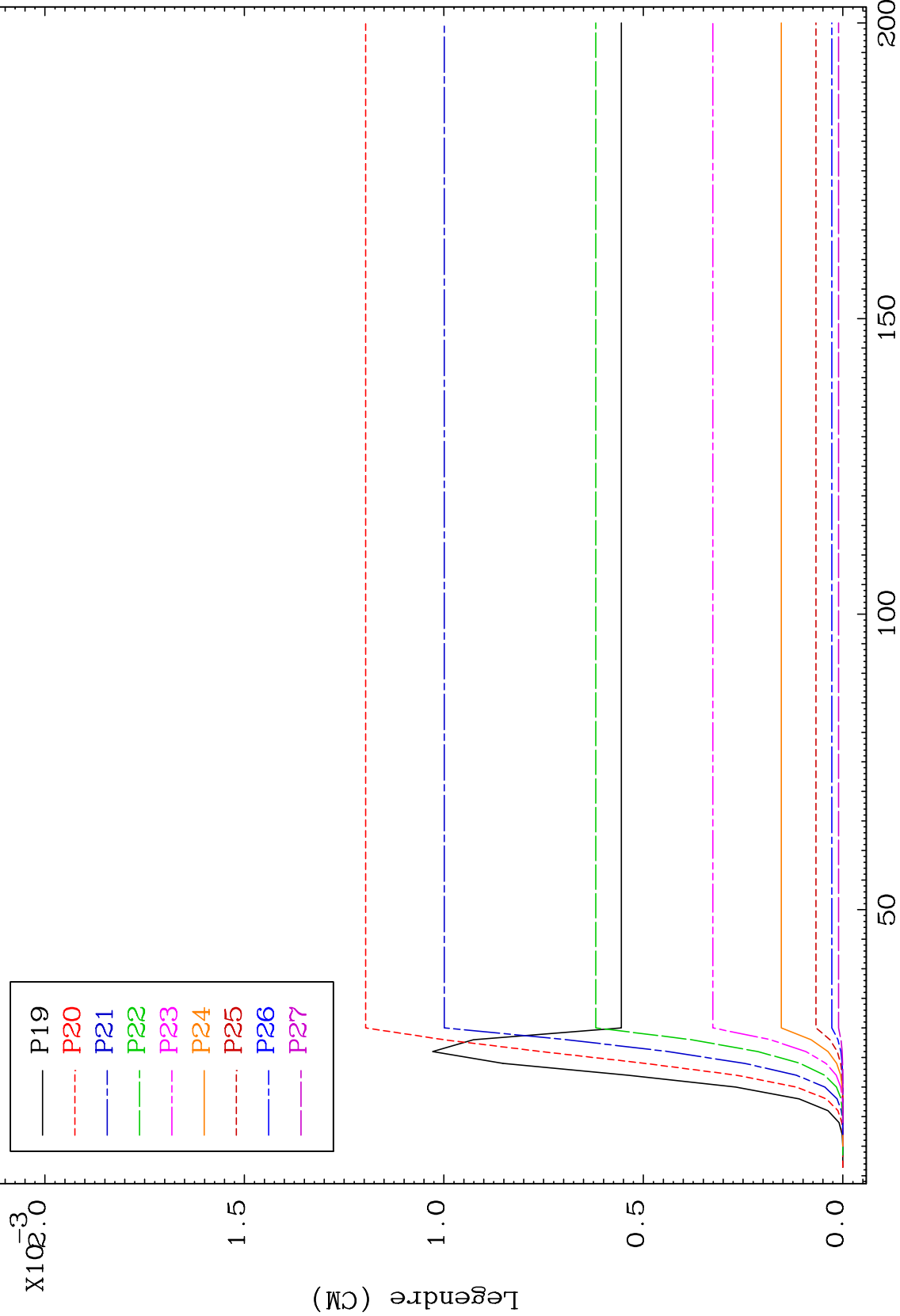
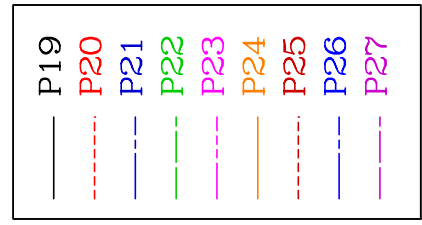
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



42

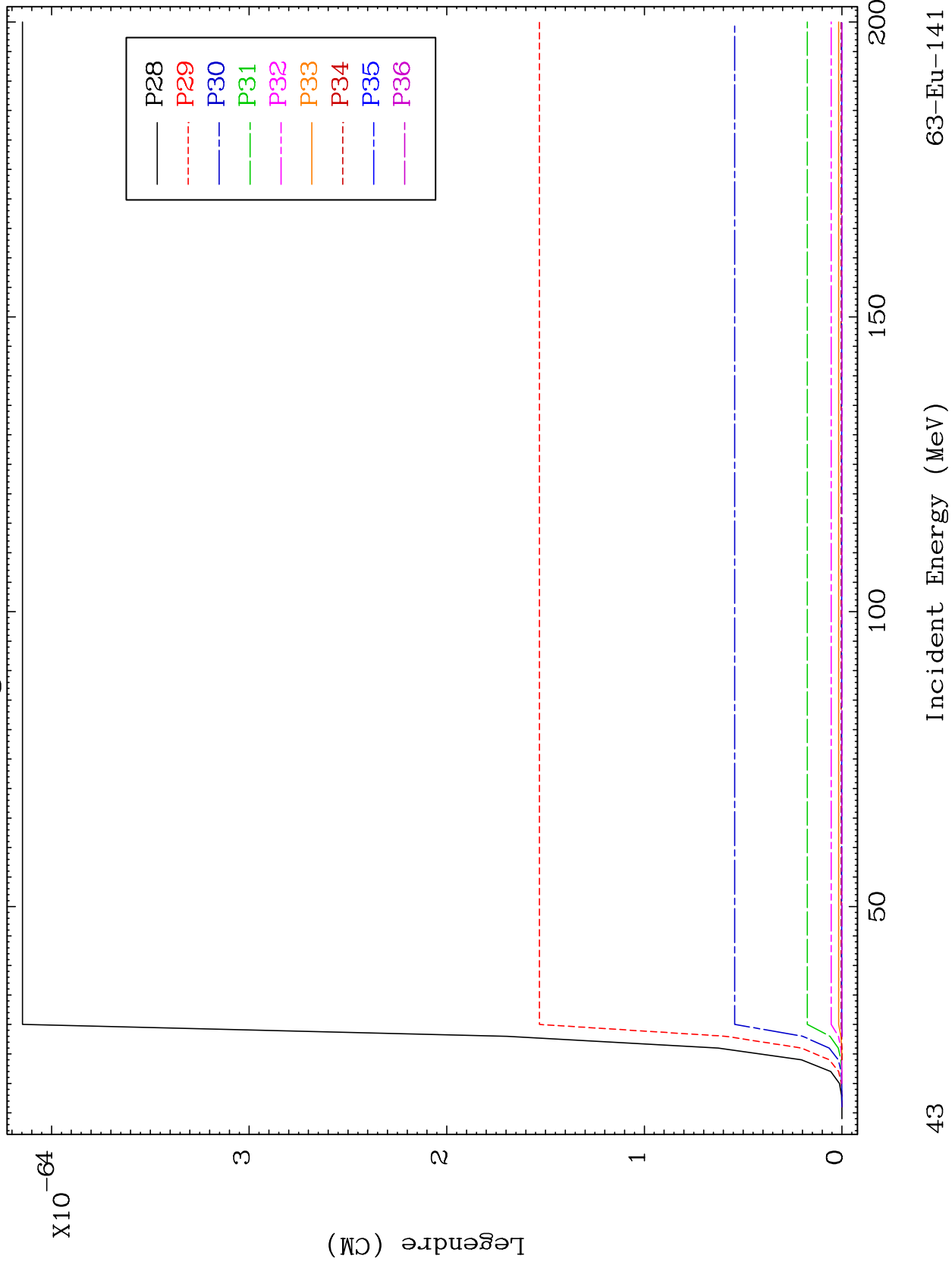
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



43

Incident Energy (MeV)

63-Eu-141

200

150

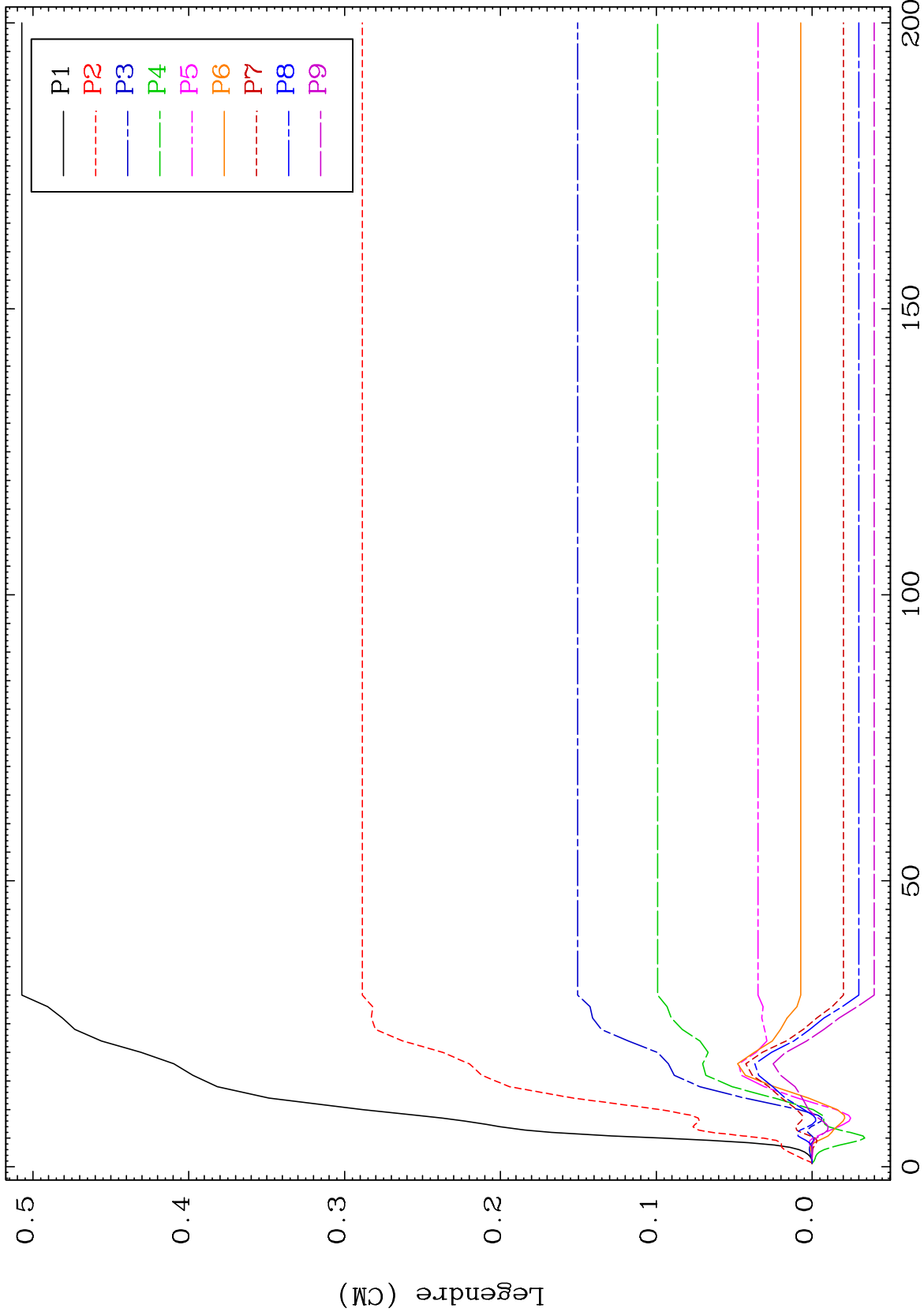
100

50

MAT 6295

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

63-Eu-141



63-Eu-141

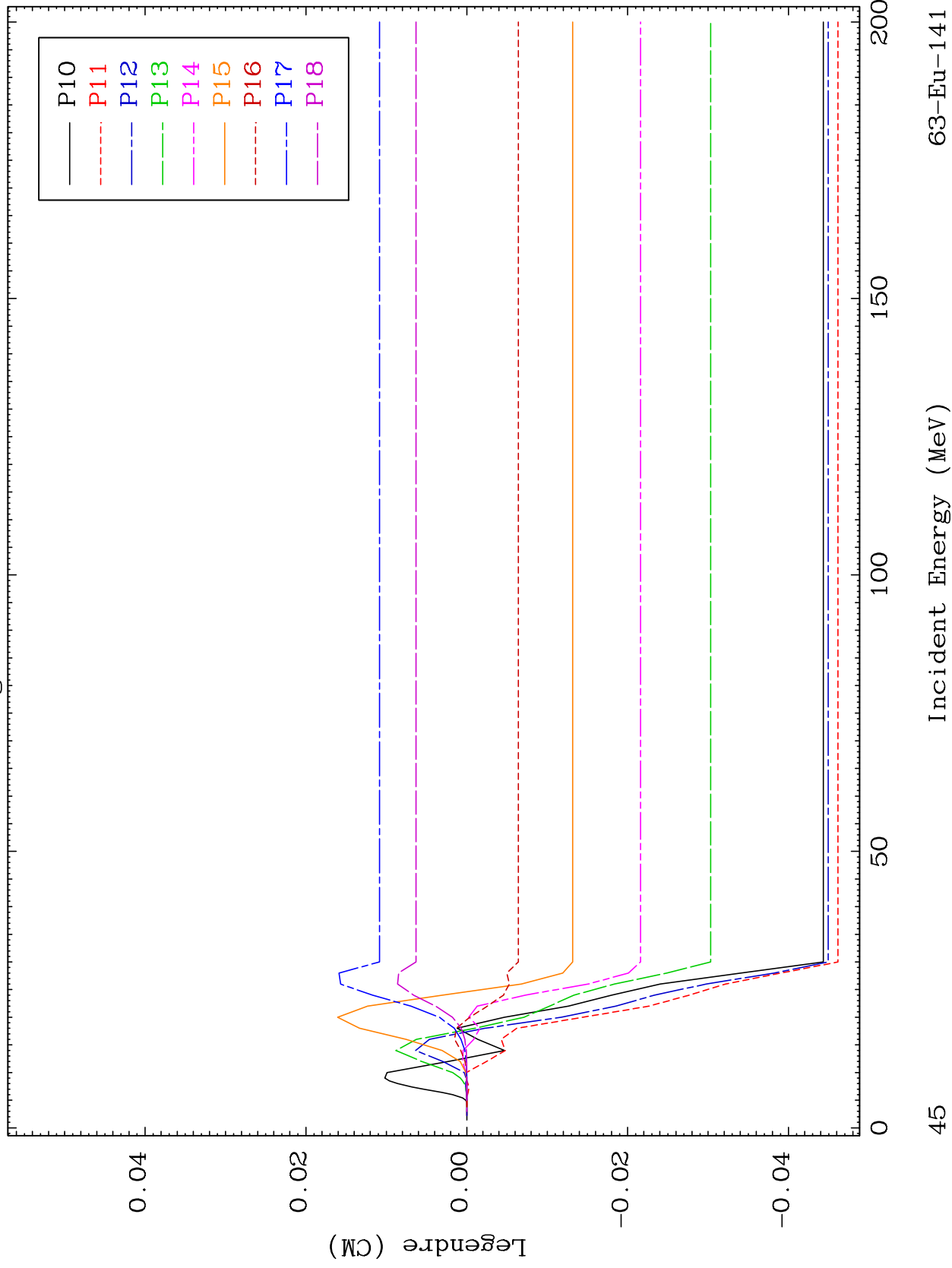
Incident Energy (MeV)

44

MAT 6295

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

63-Eu-141



63-Eu-141

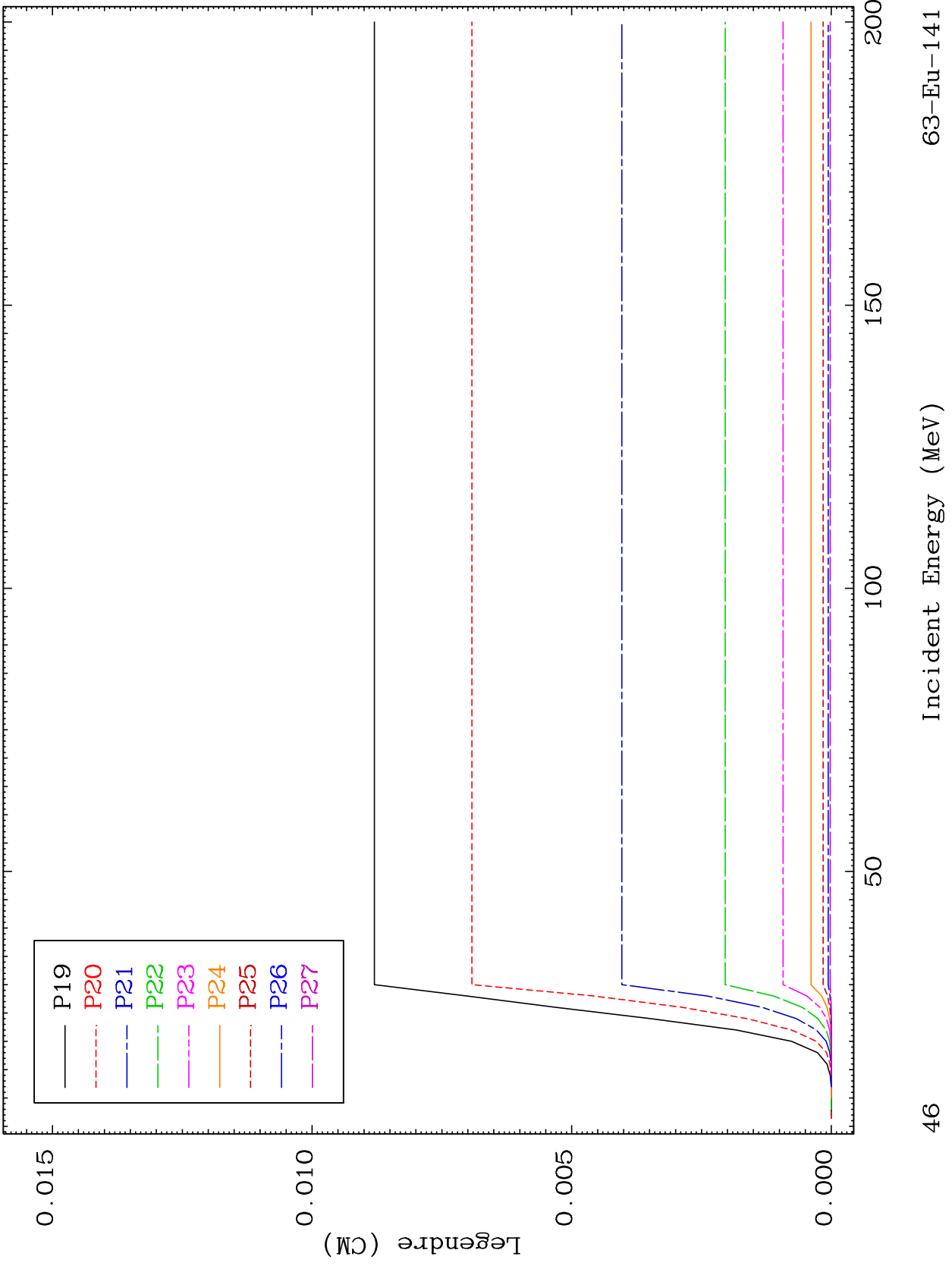
Incident Energy (MeV)

45

MAT 6295

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

63-Eu-141



46

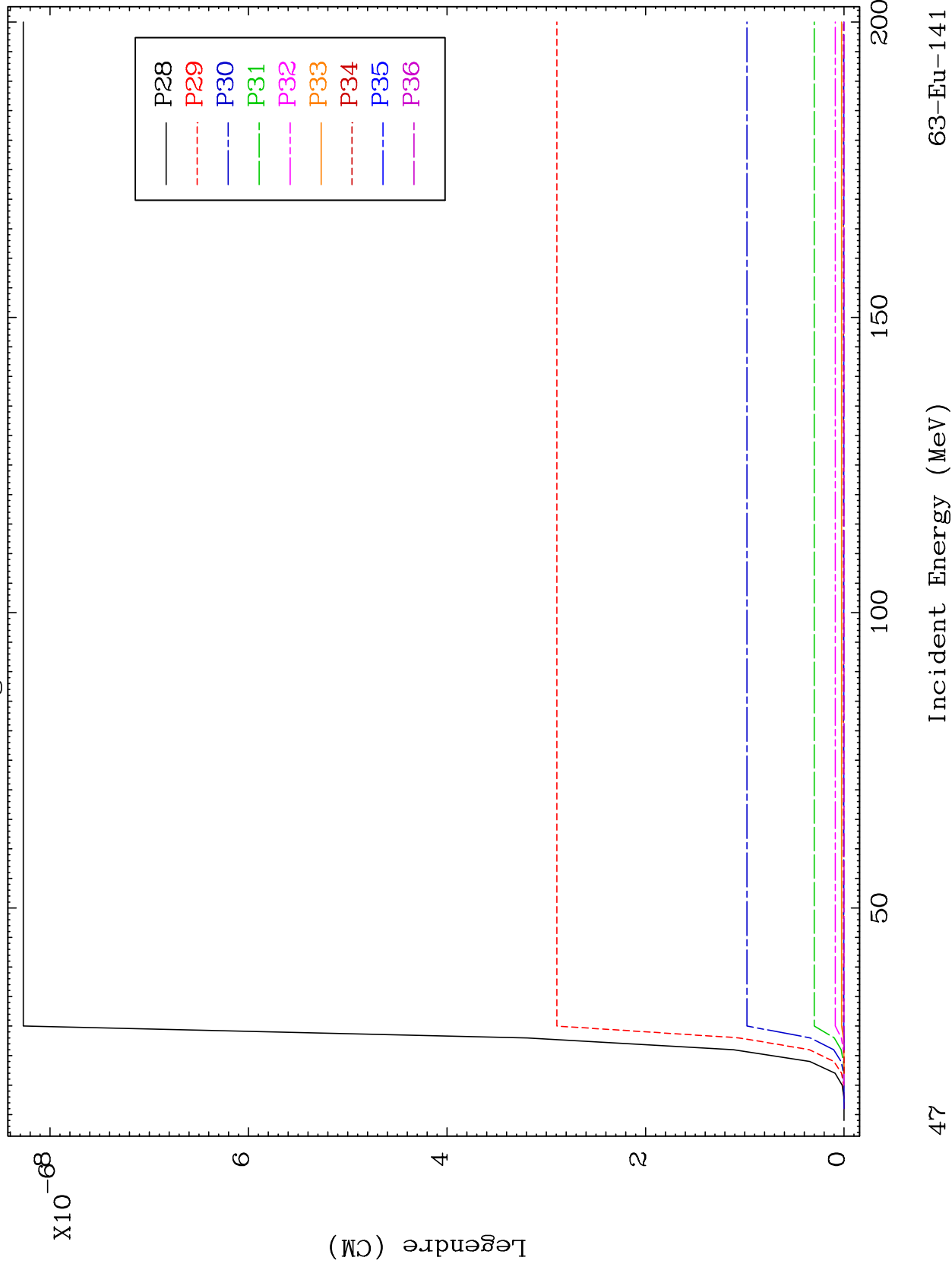
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

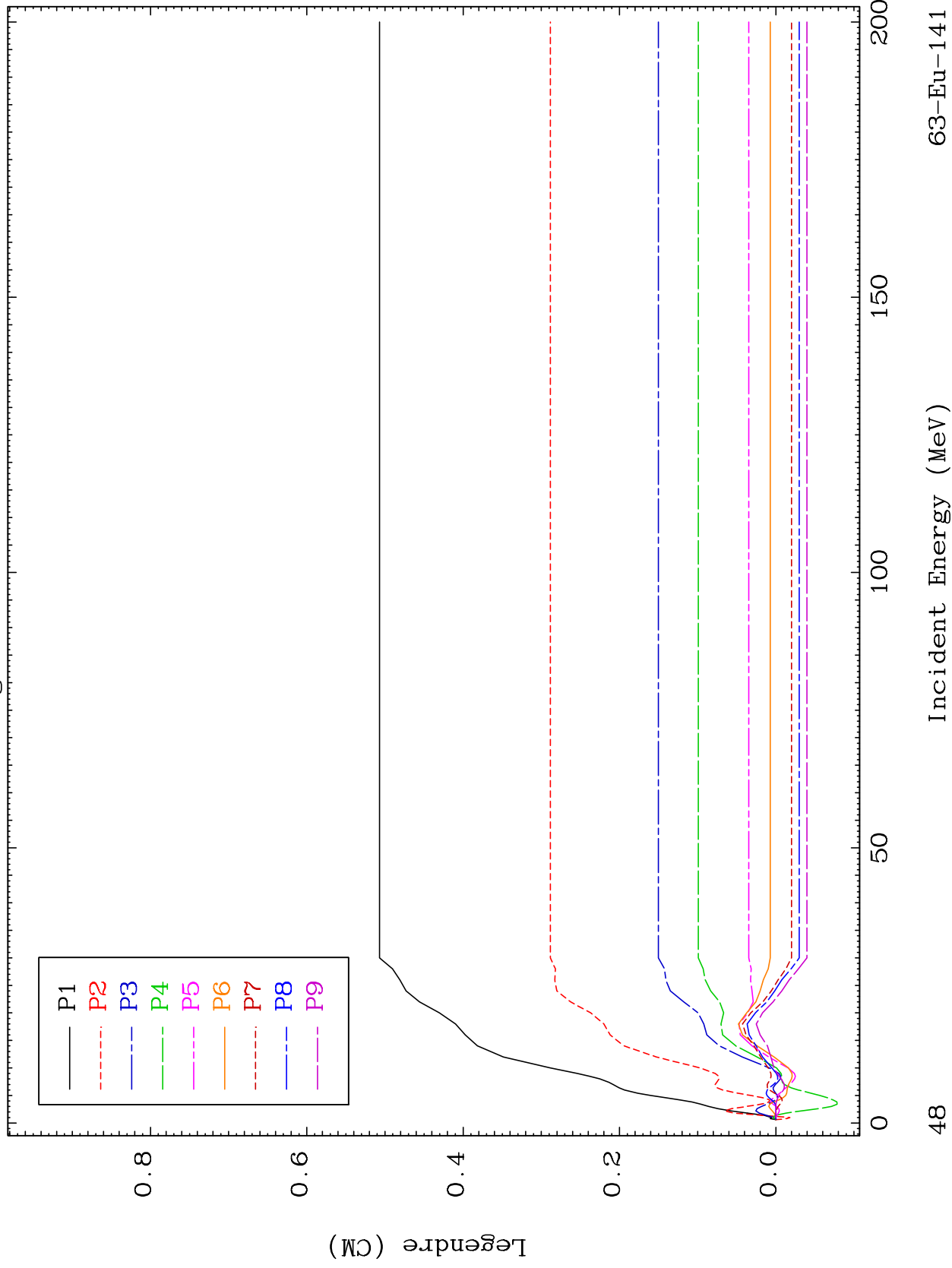
63-Eu-141



MAT 6295

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

63-Eu-141



63-Eu-141

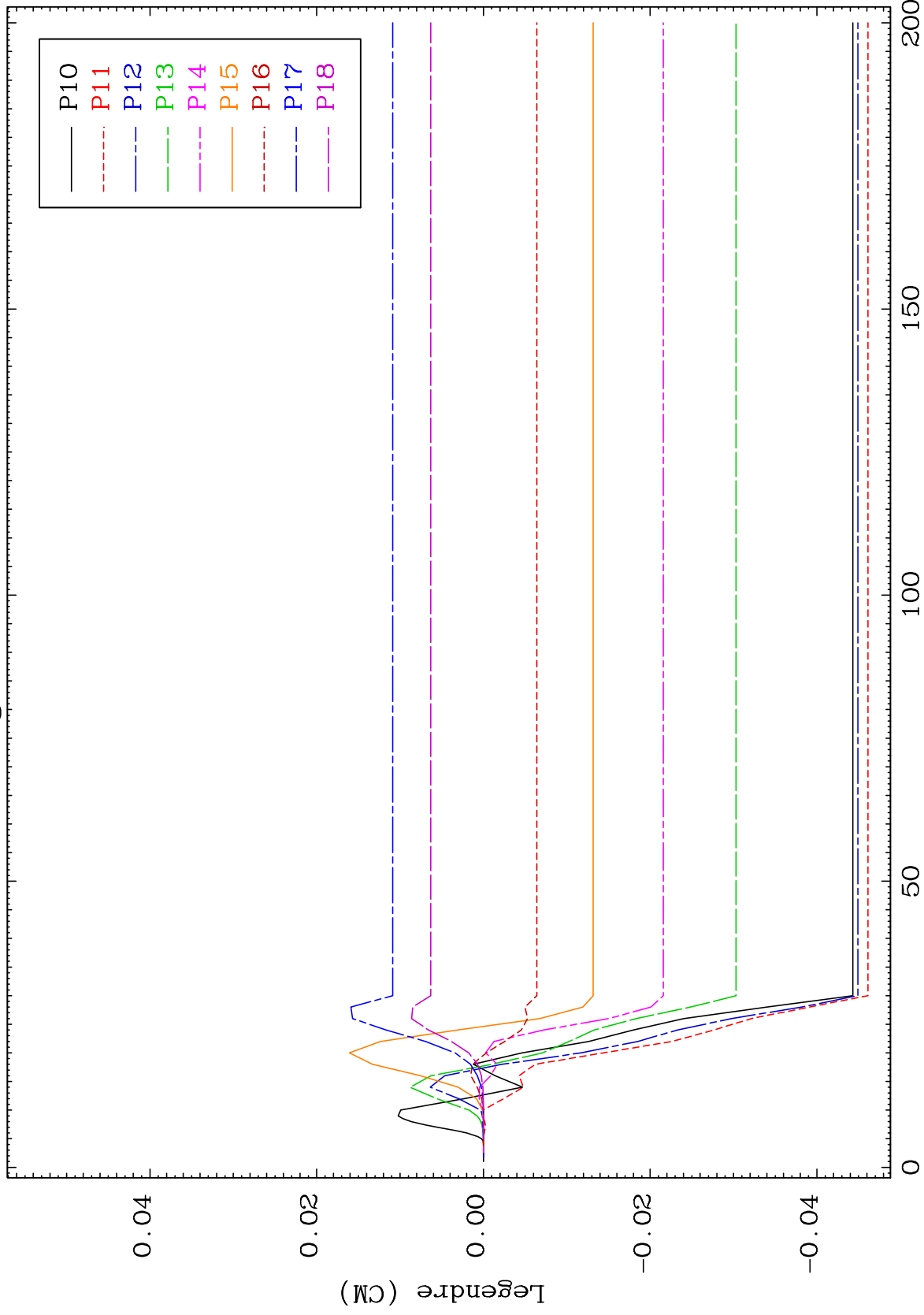
Incident Energy (MeV)

48

MAT 6295

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

63-Eu-141



49

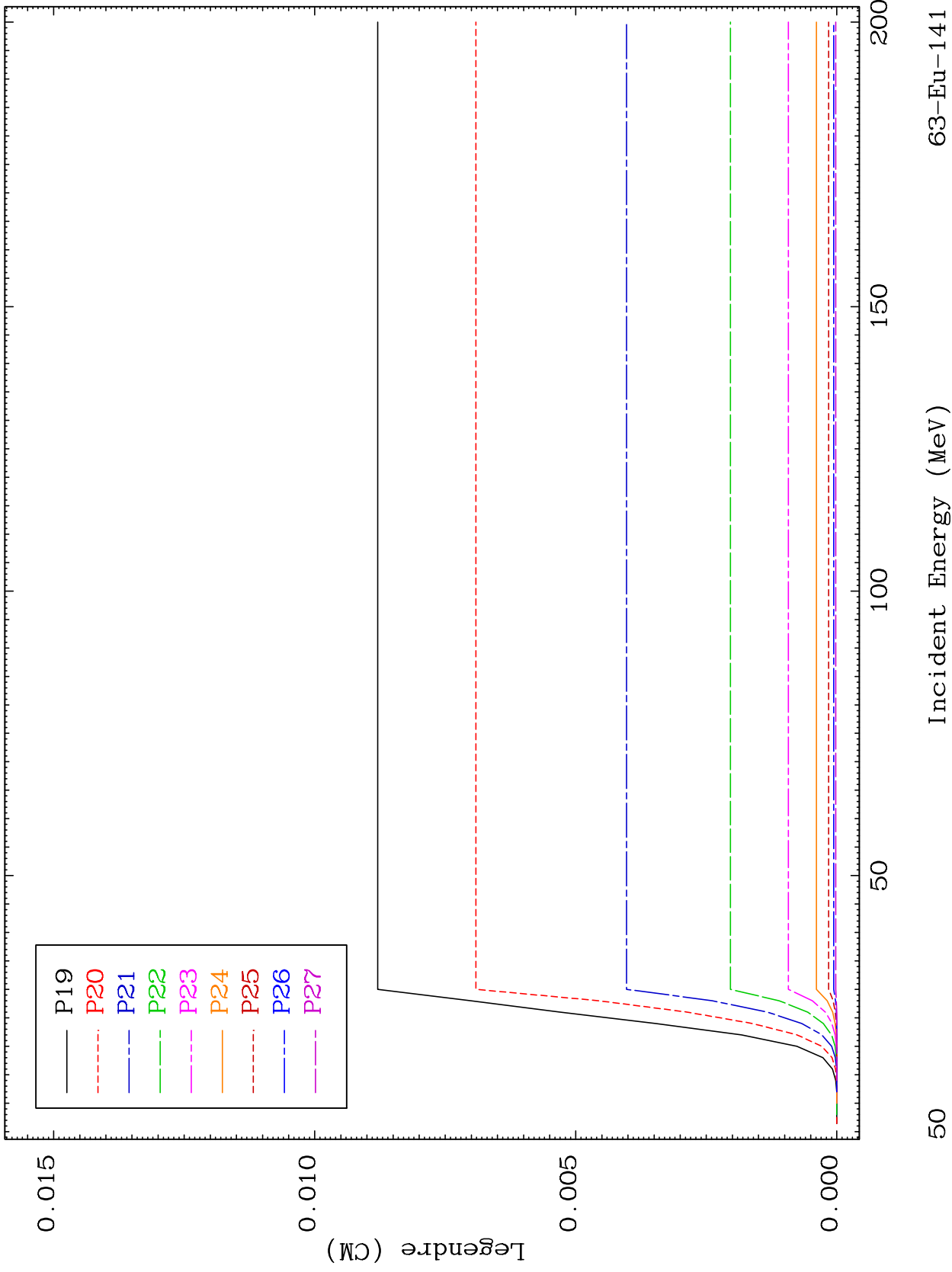
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



50

50

100

150

200

63-Eu-141

Incident Energy (MeV)

0.015

0.010

0.005

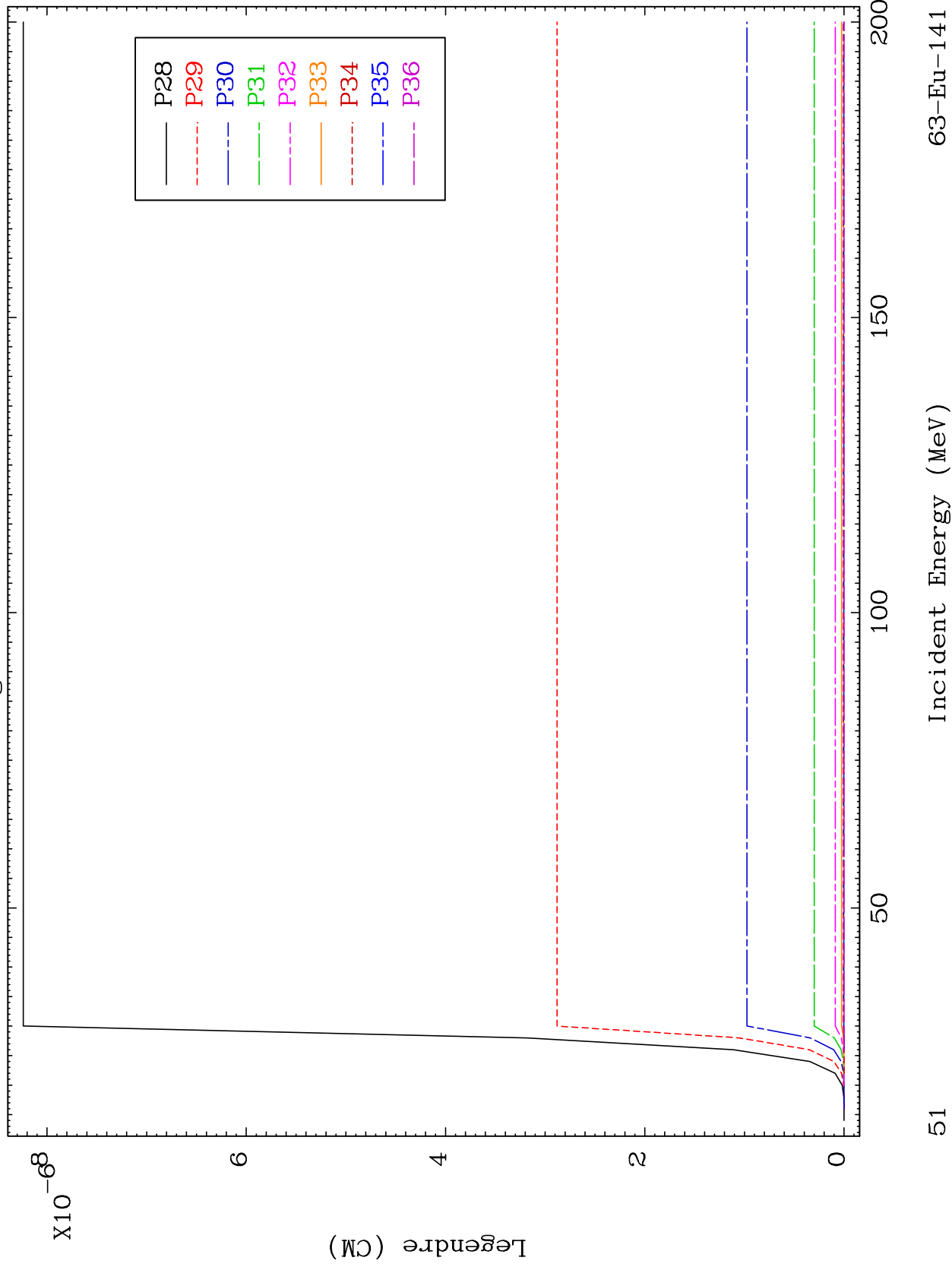
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Legendre (CM)

MAT 6295

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

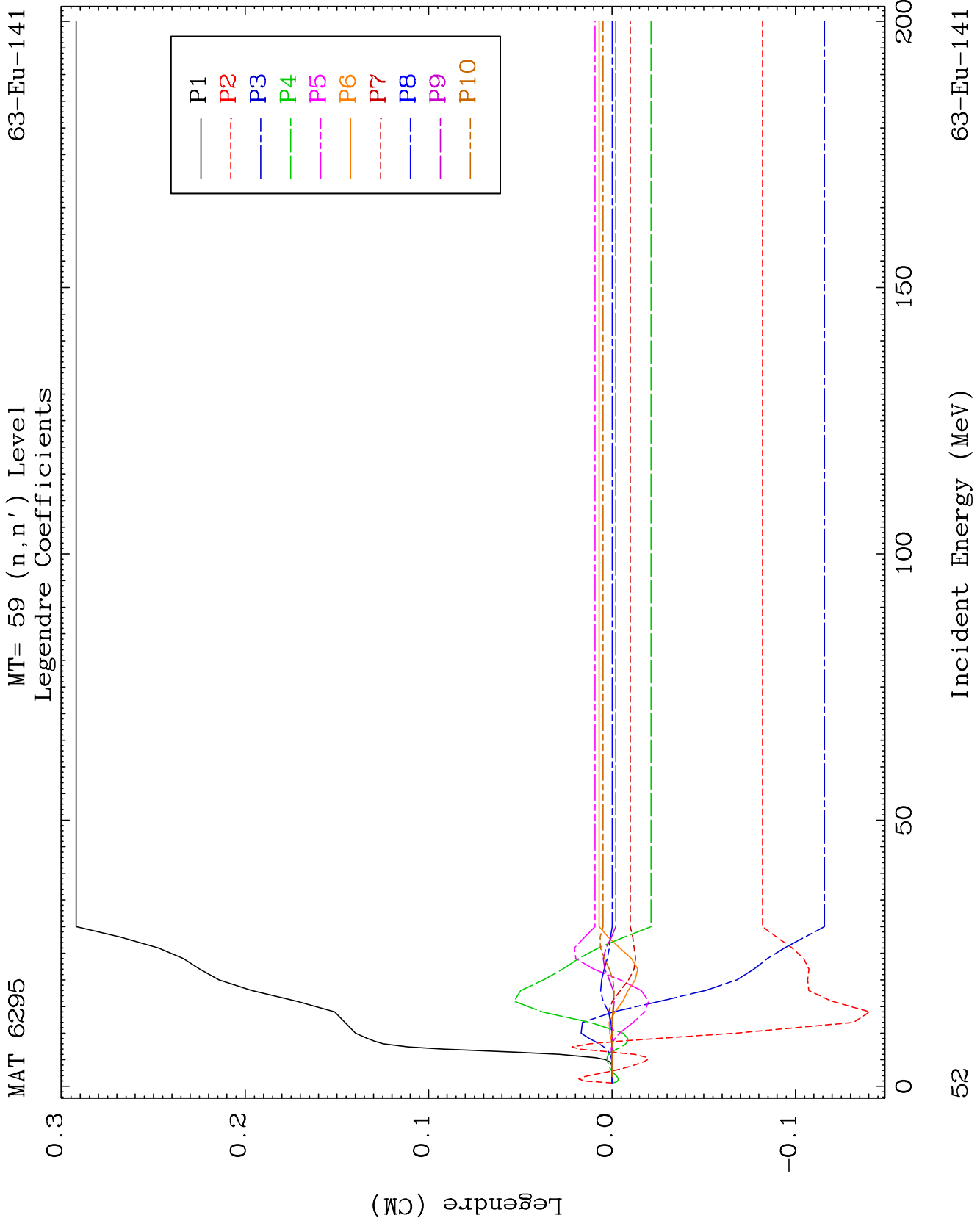
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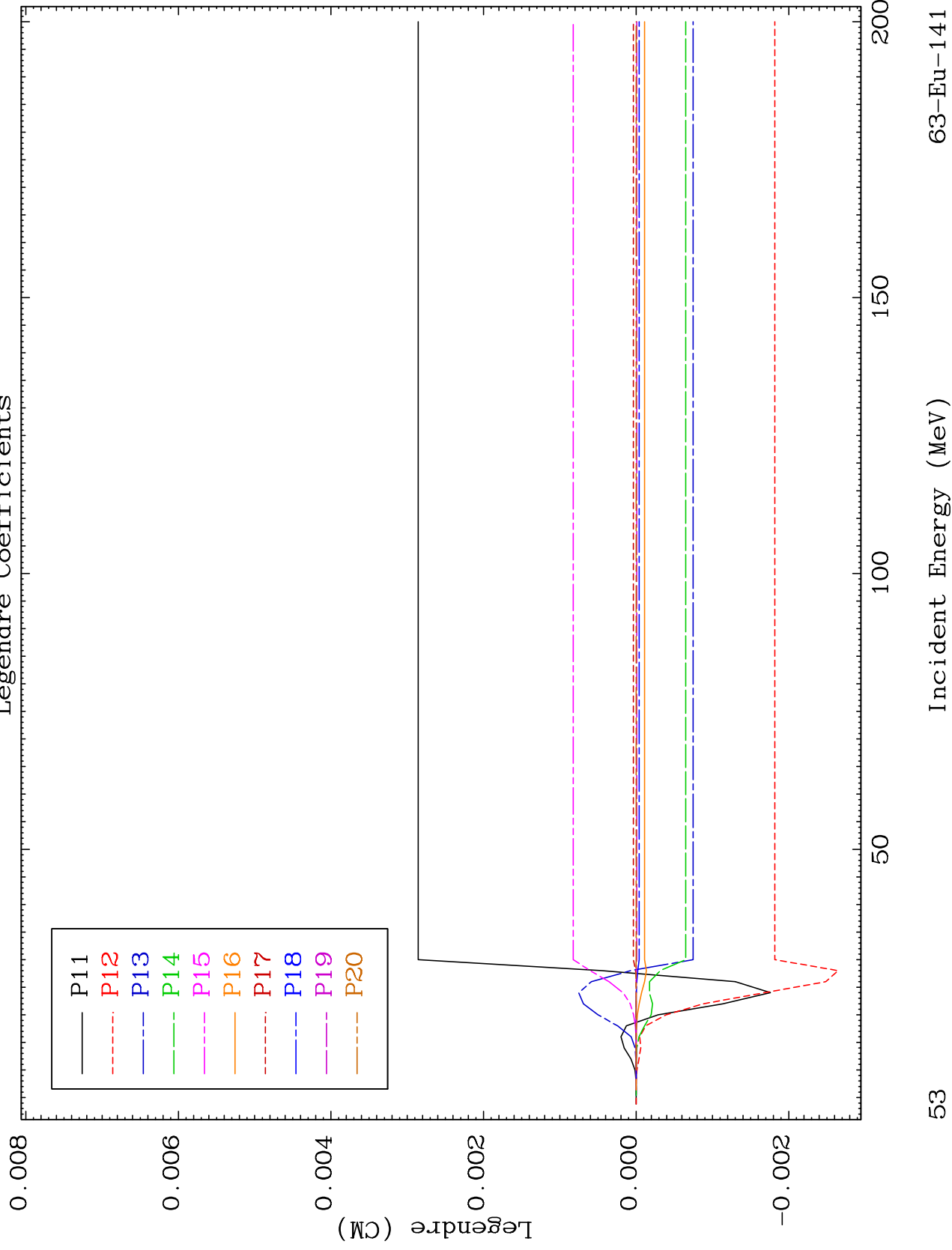


51

Incident Energy (MeV)

63-Eu-141

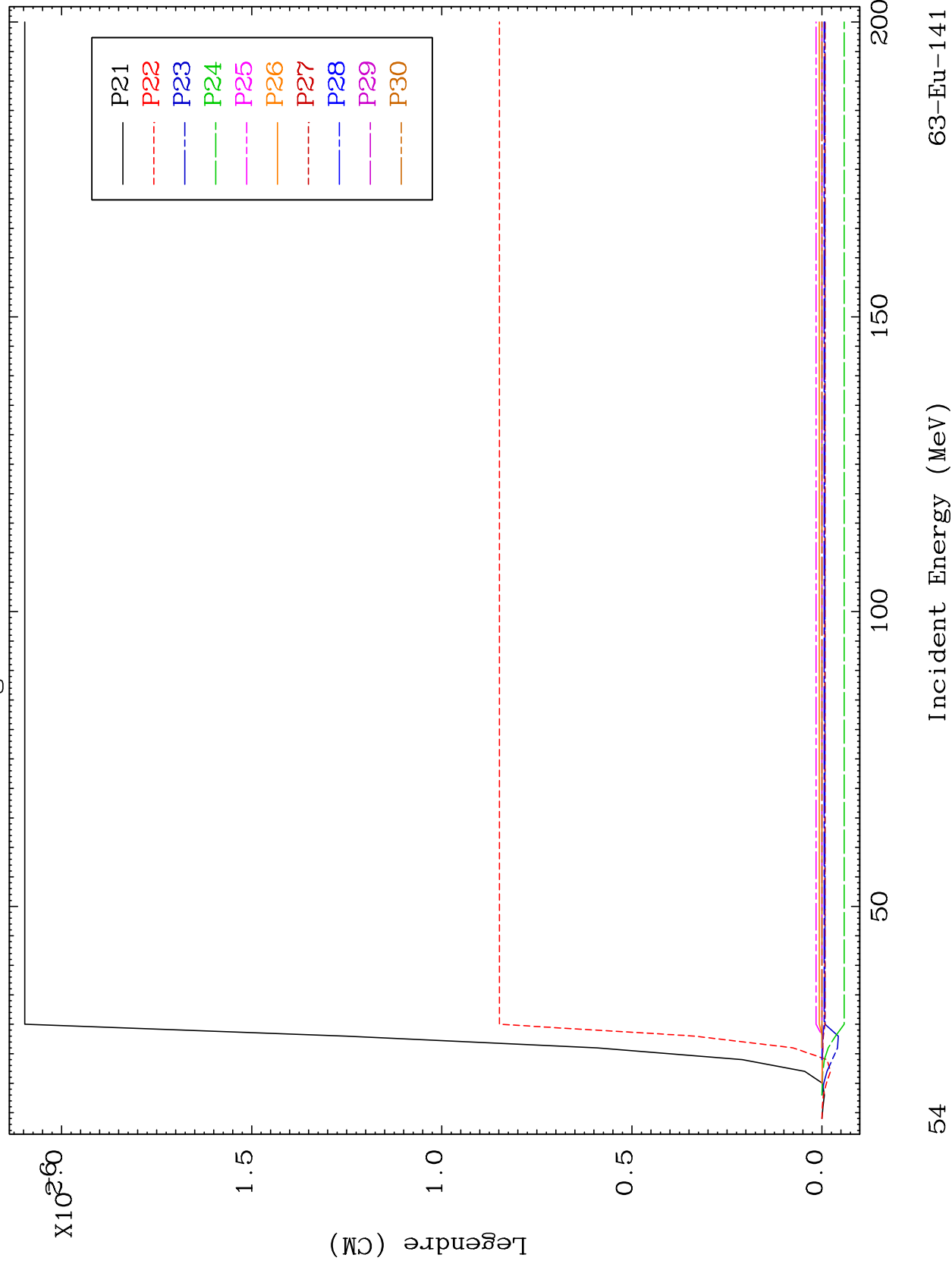




MAT 6295

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

63-Eu-141



54

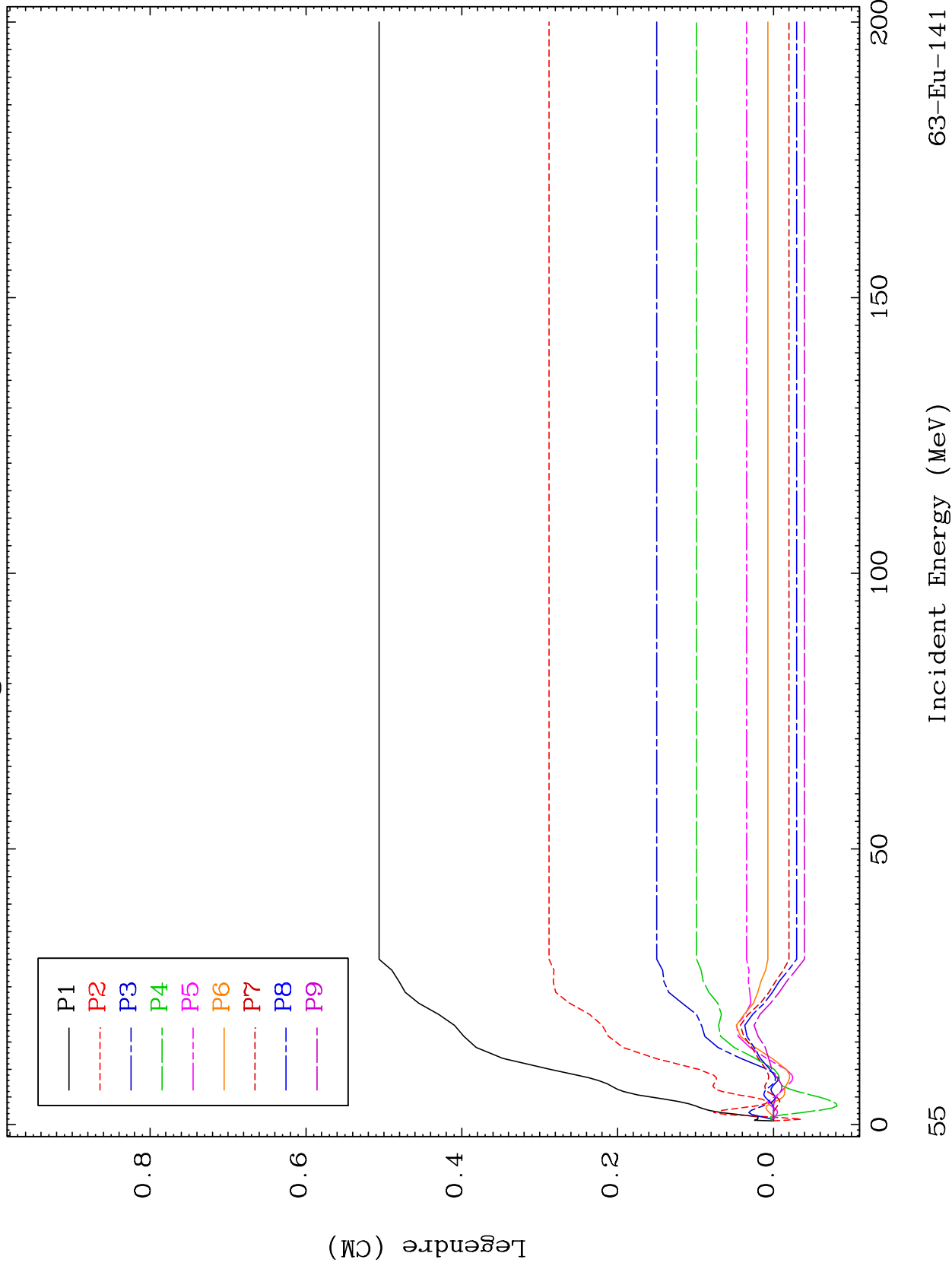
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



63-Eu-141

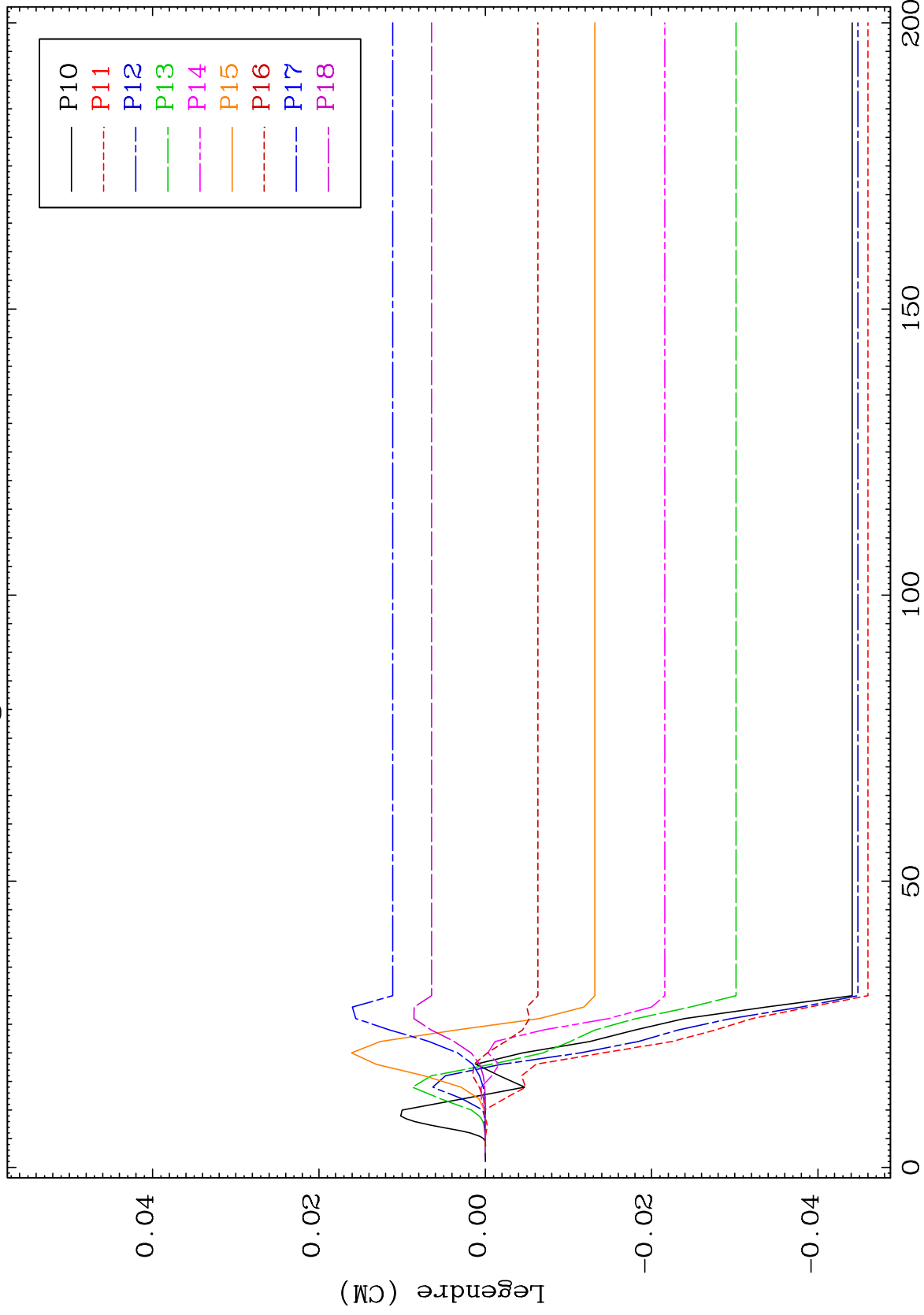
Incident Energy (MeV)

55

MAT 6295

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

63-Eu-141



56

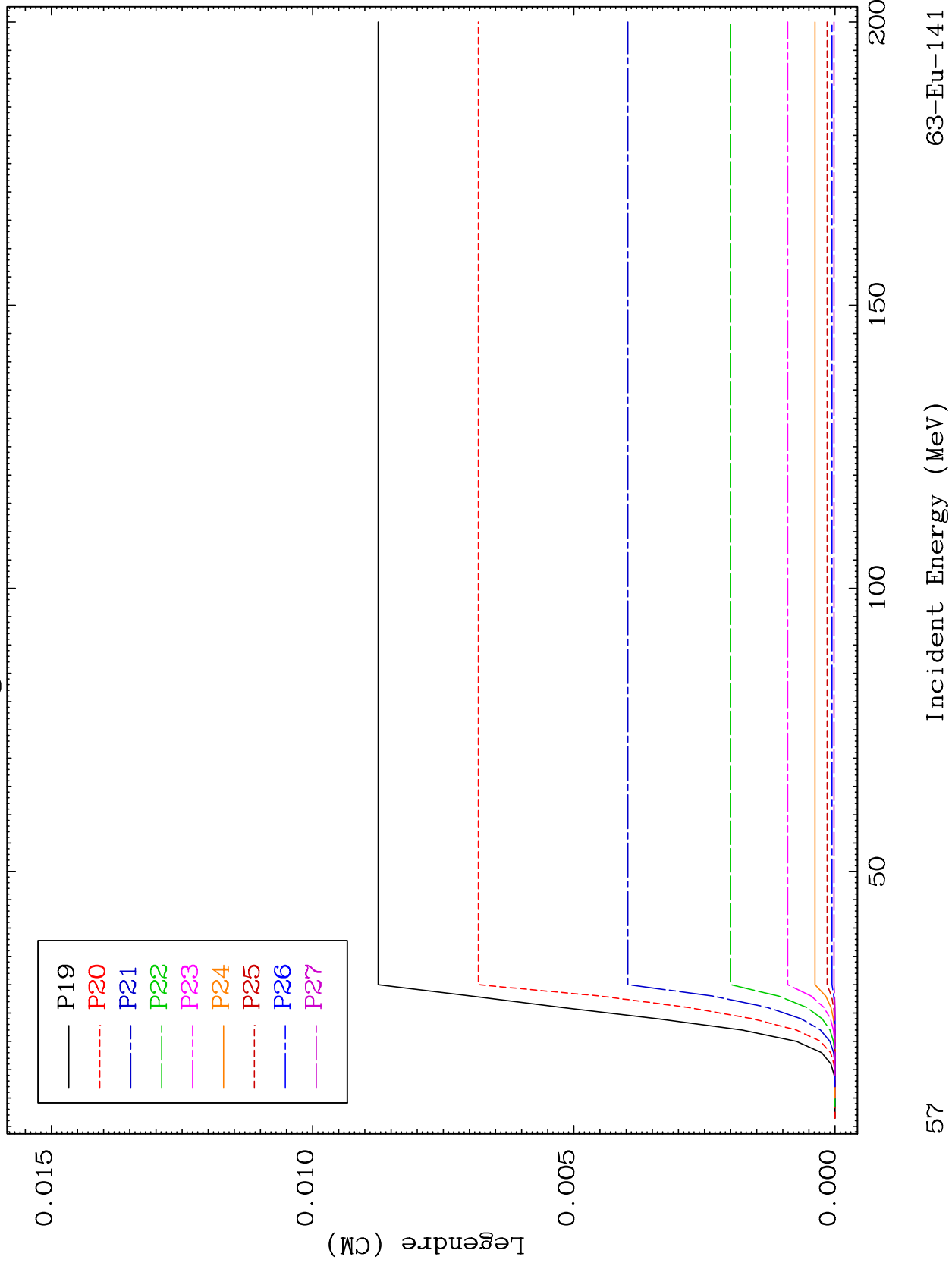
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

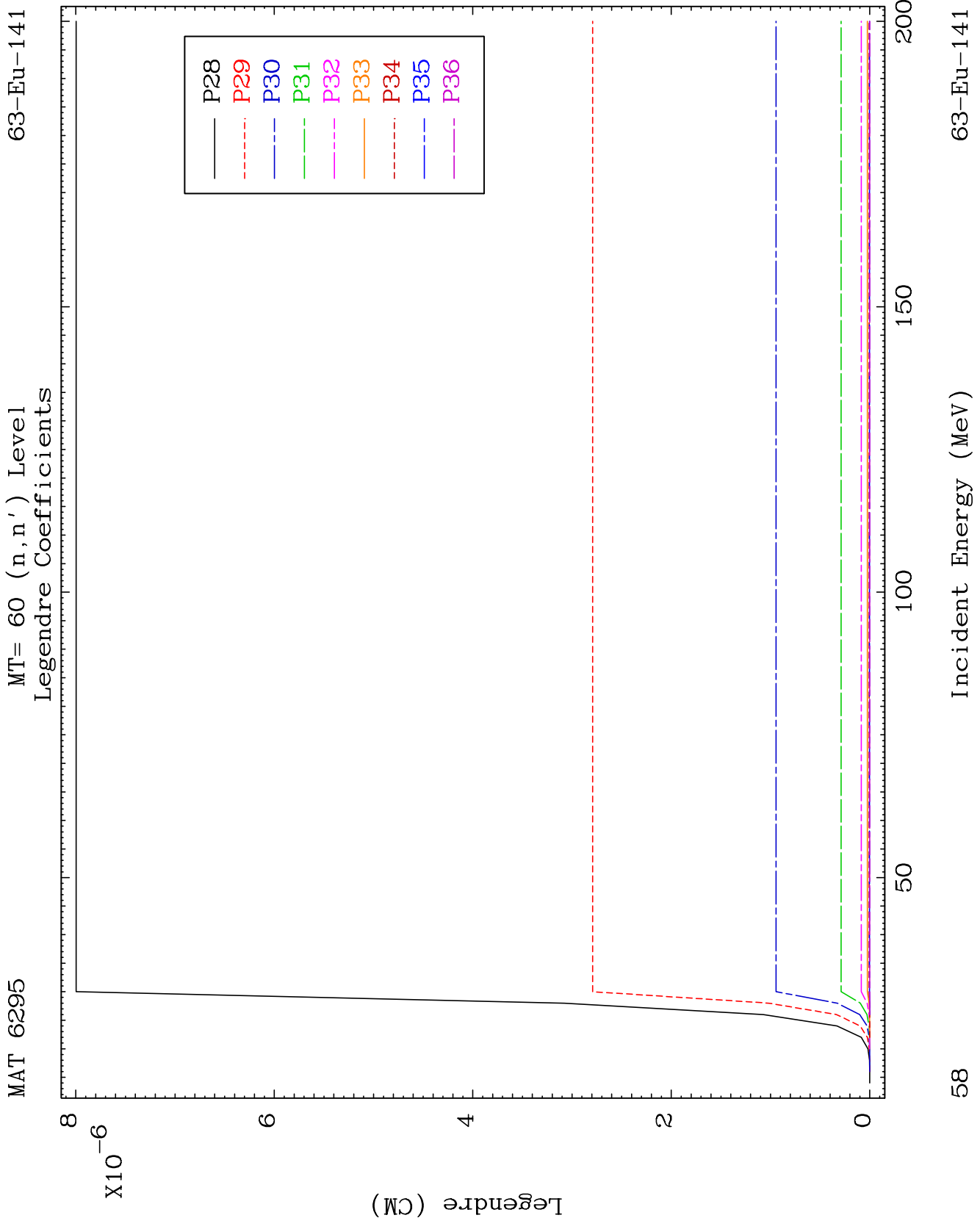
63-Eu-141



57

Incident Energy (MeV)

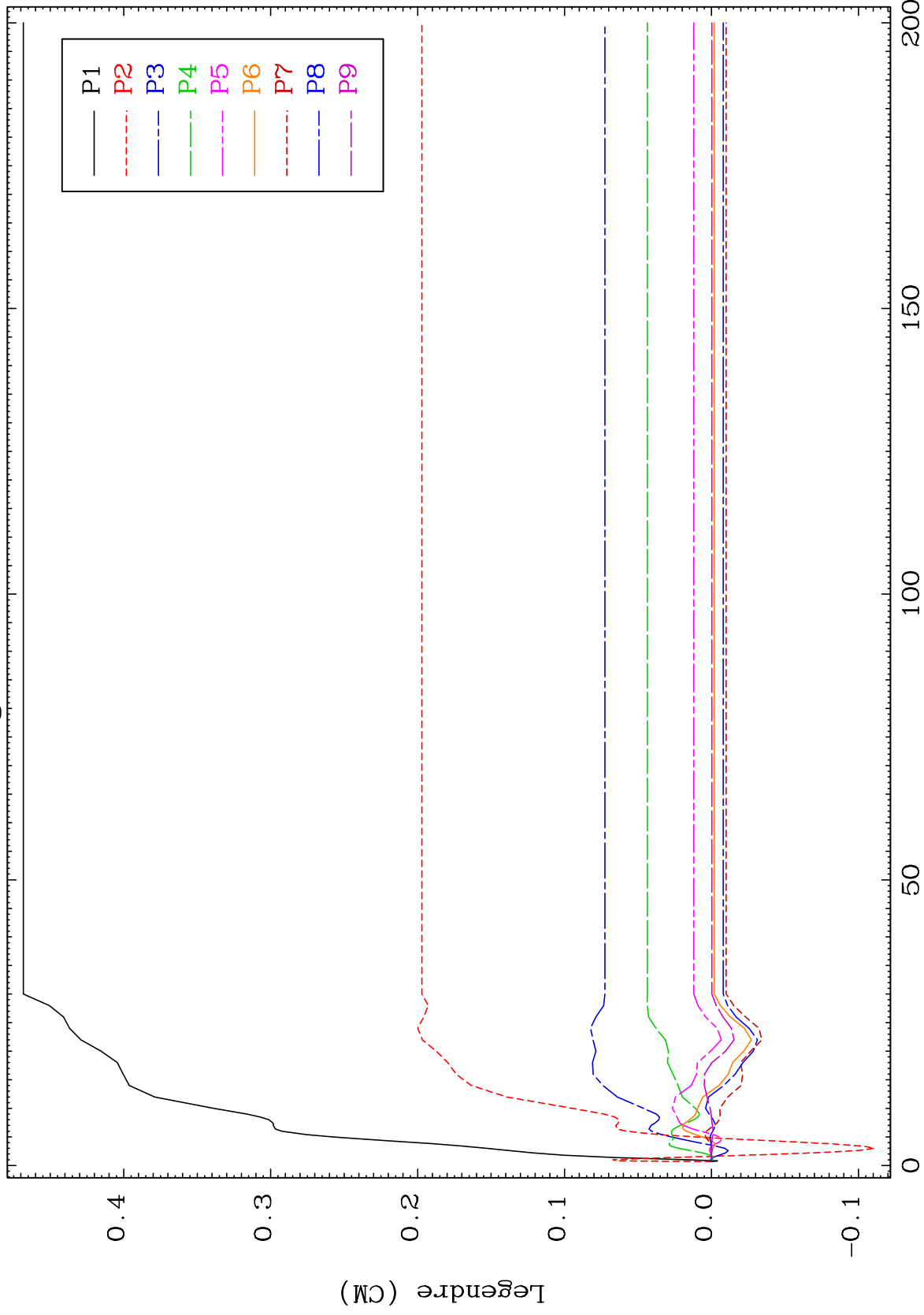
63-Eu-141



MAT 6295

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

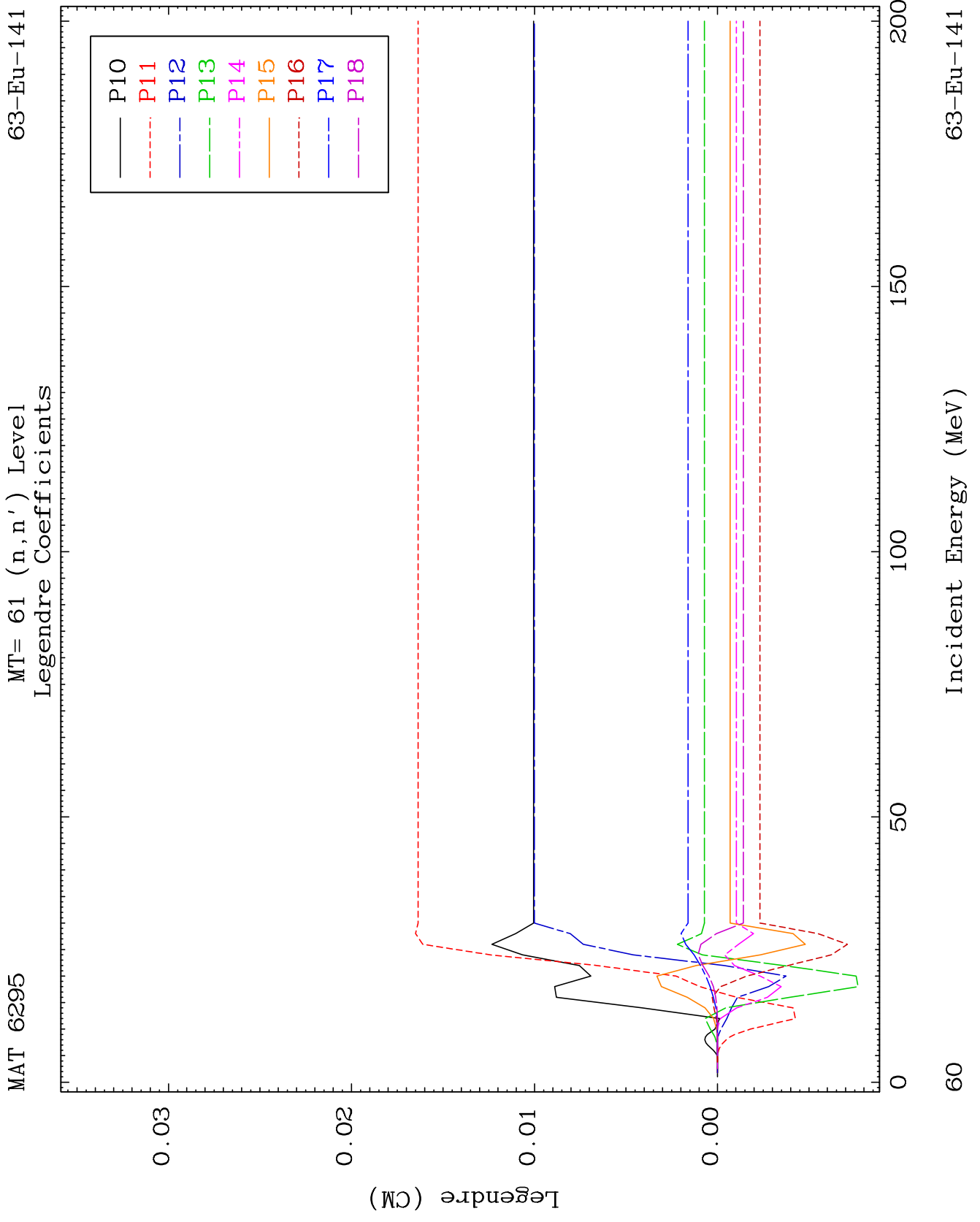
63-Eu-141



59

Incident Energy (MeV)

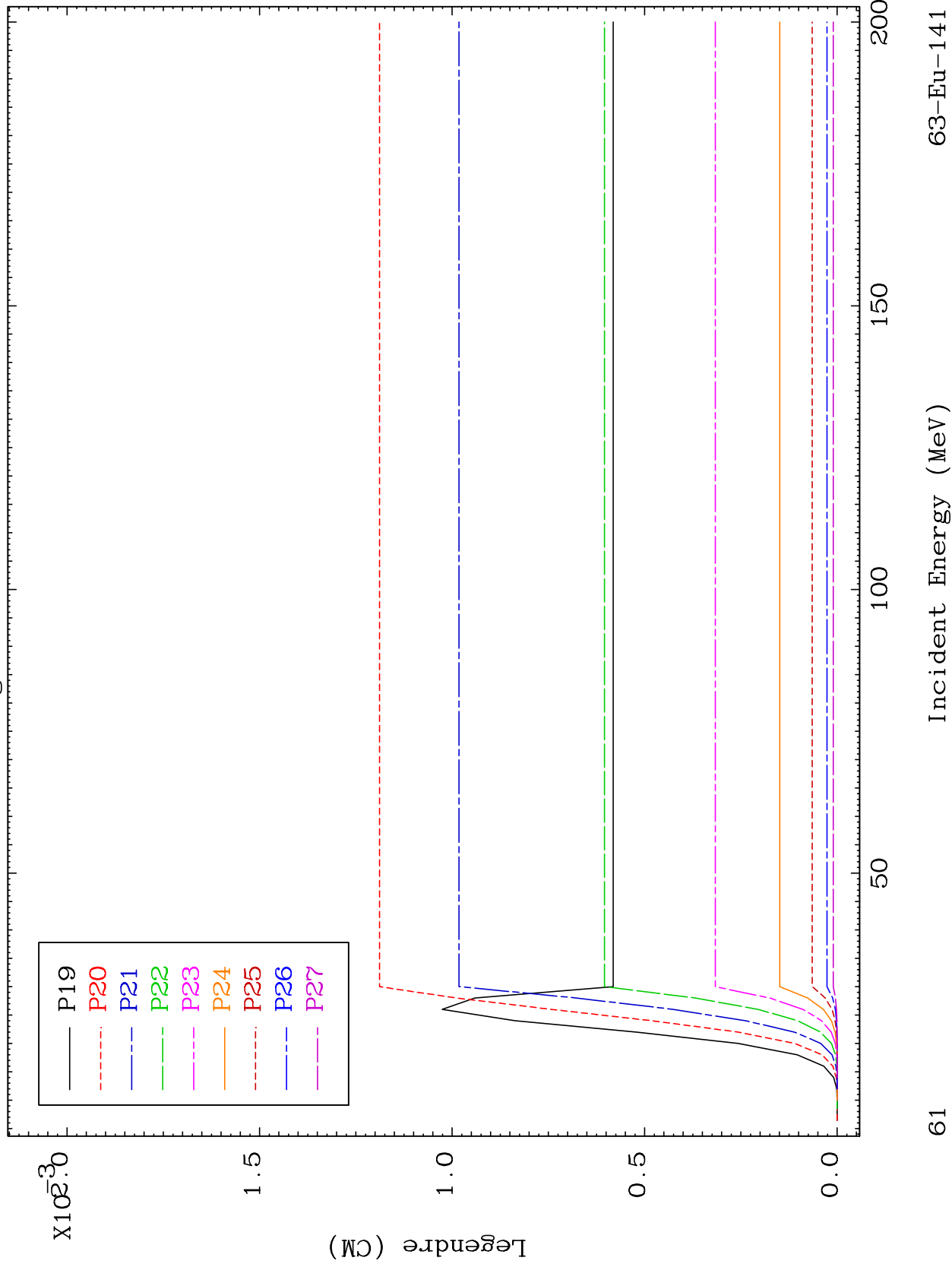
63-Eu-141

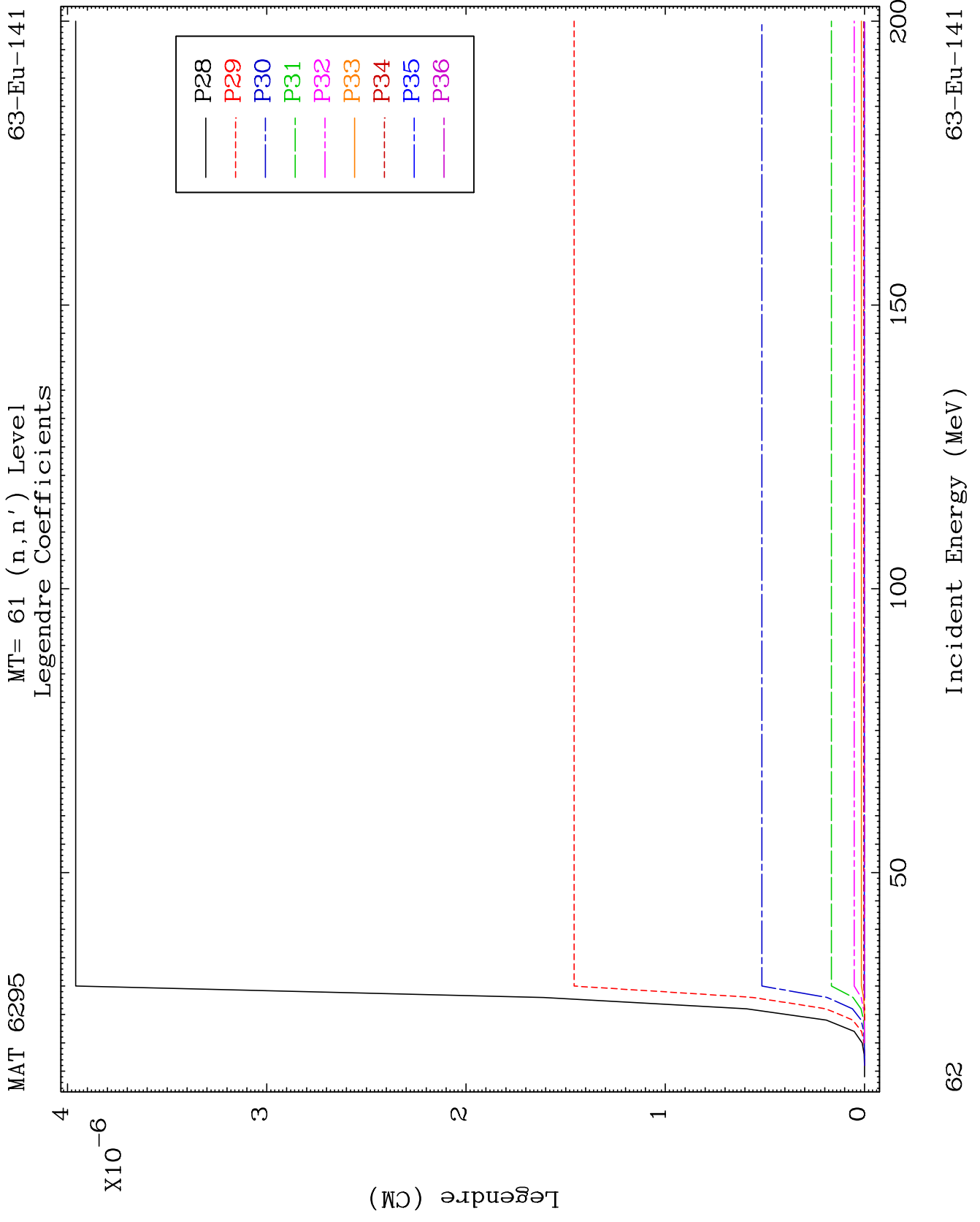


MAT 6295

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

63-Eu-141

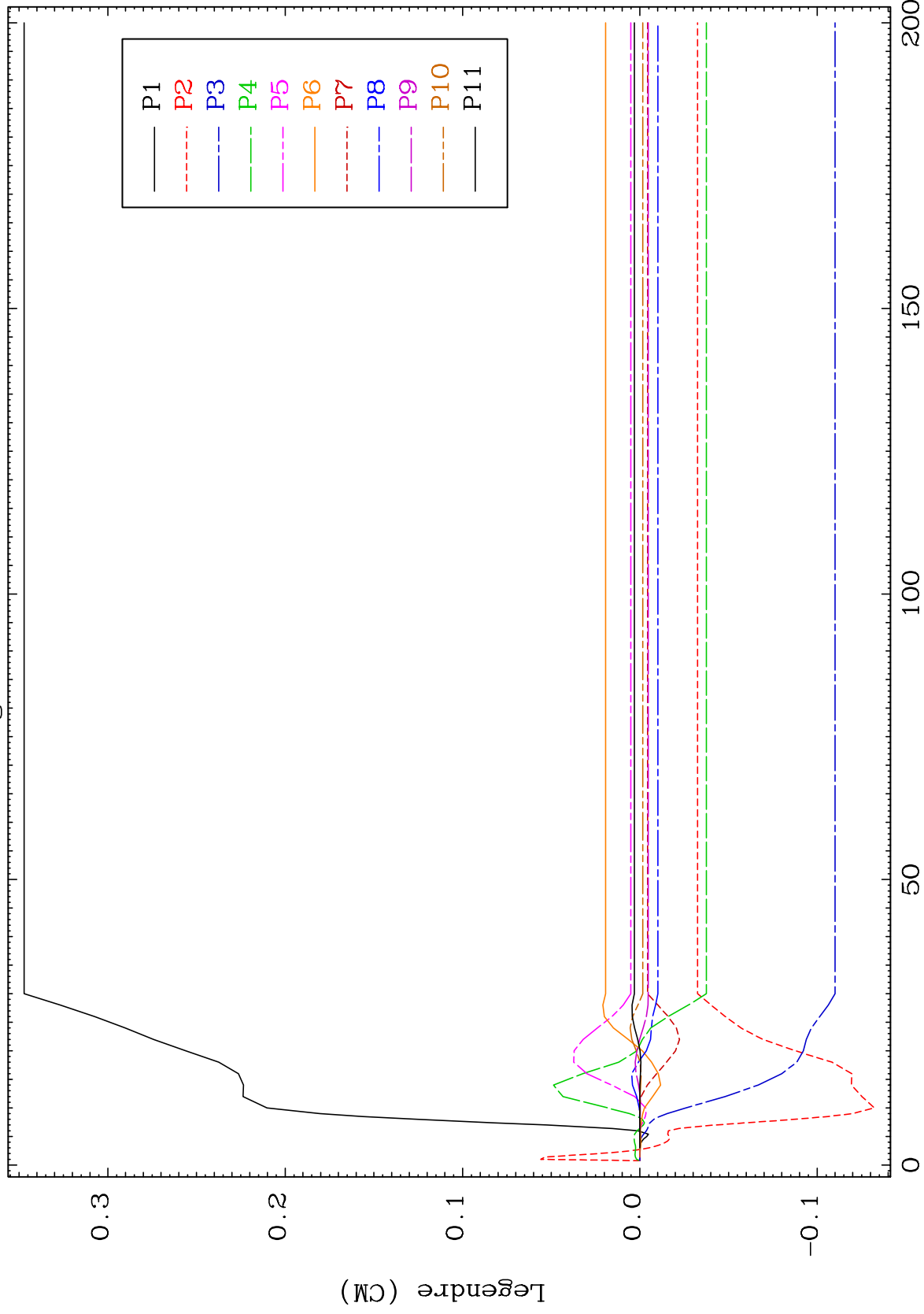




MAT 6295

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

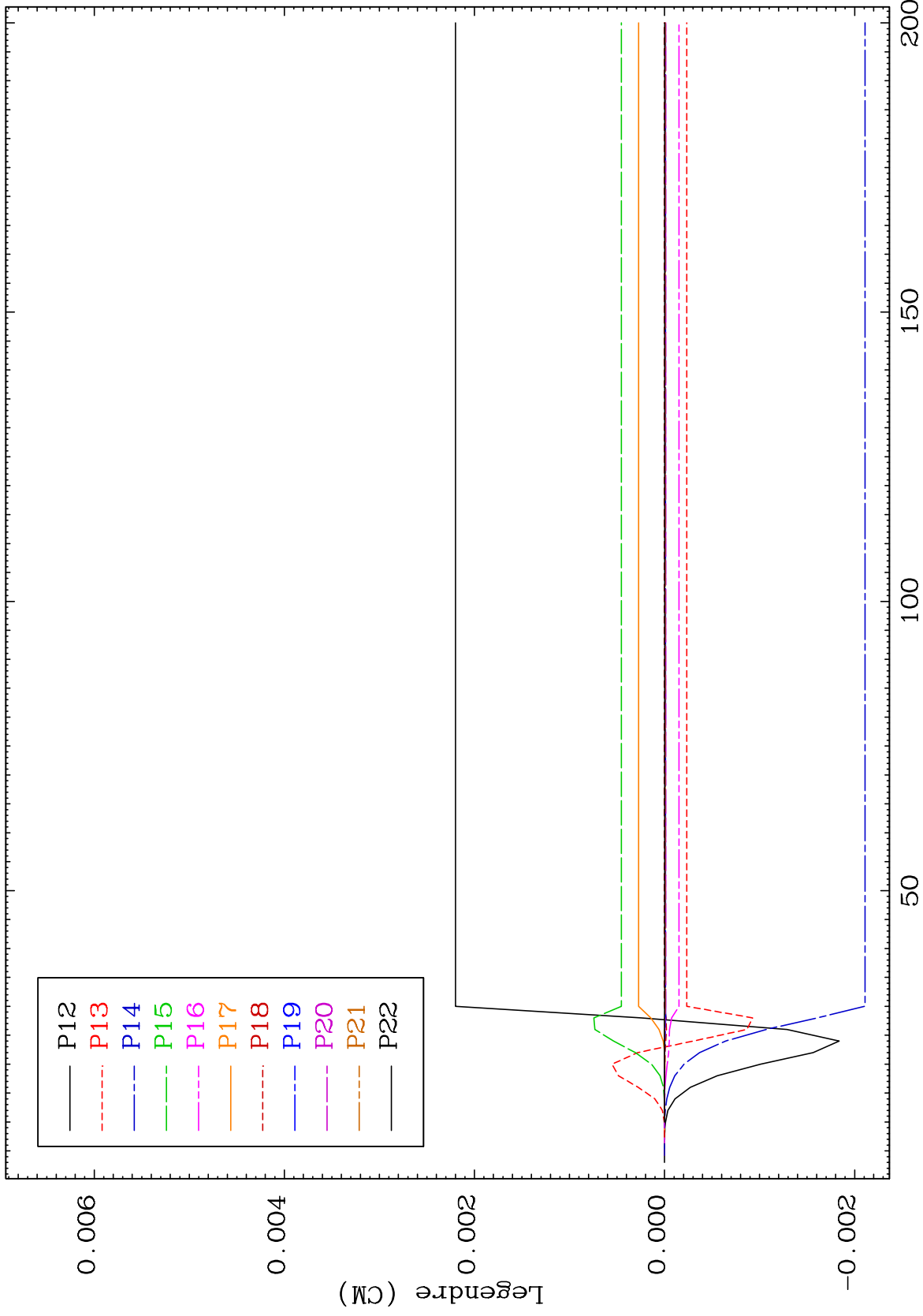
63-Eu-141



63

Incident Energy (MeV)

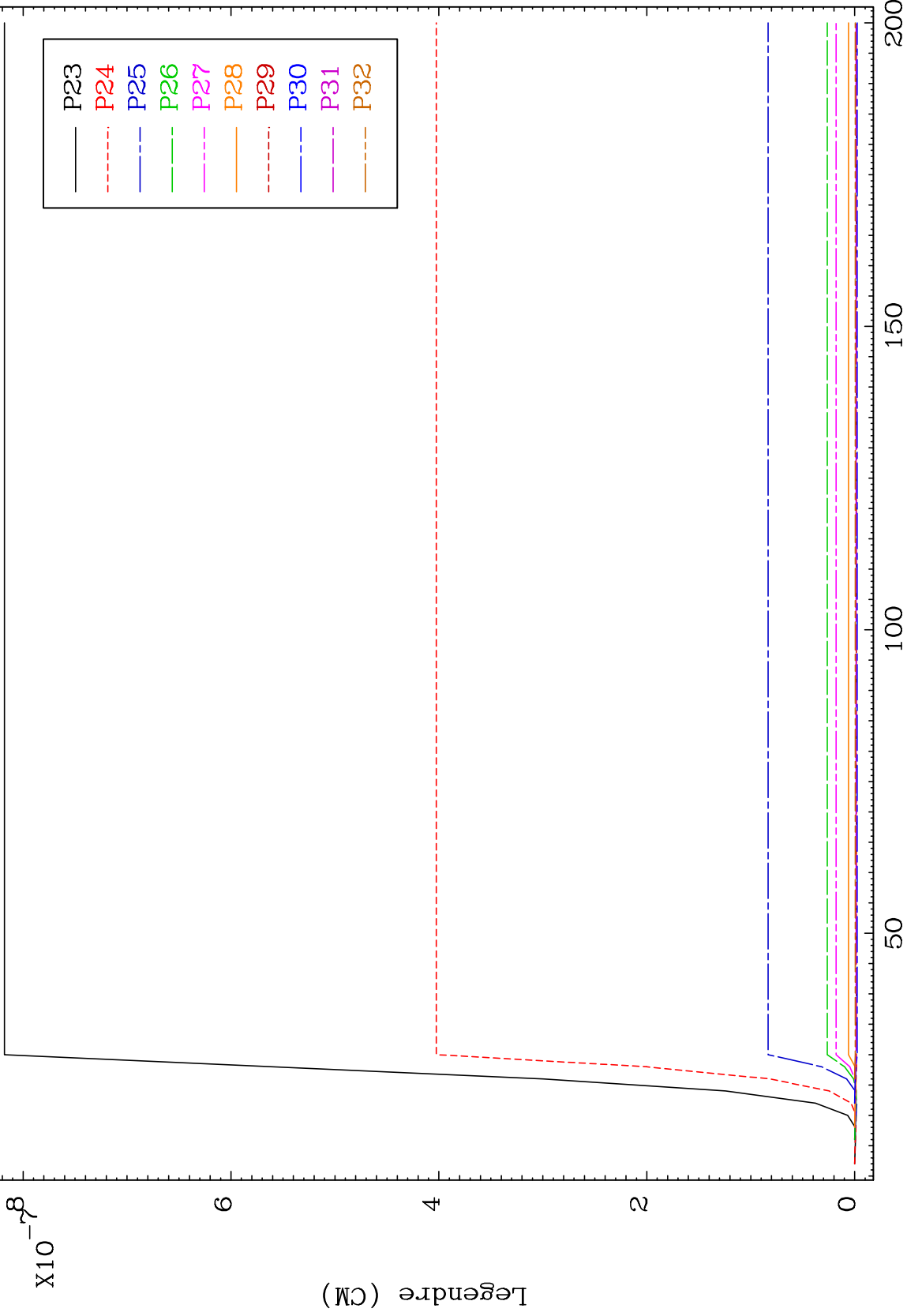
63-Eu-141



MAT 6295

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

63-Eu-141



65

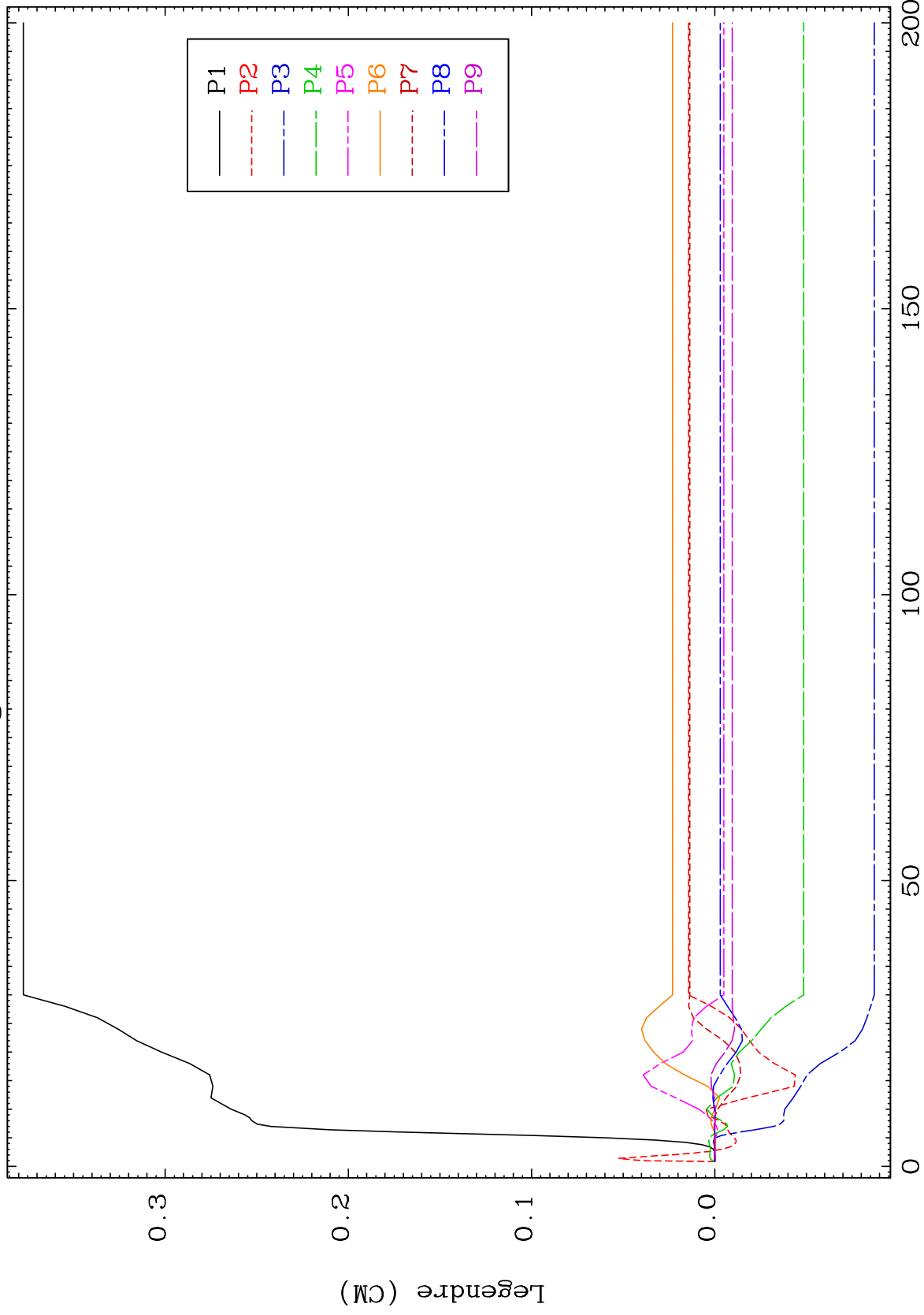
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



66

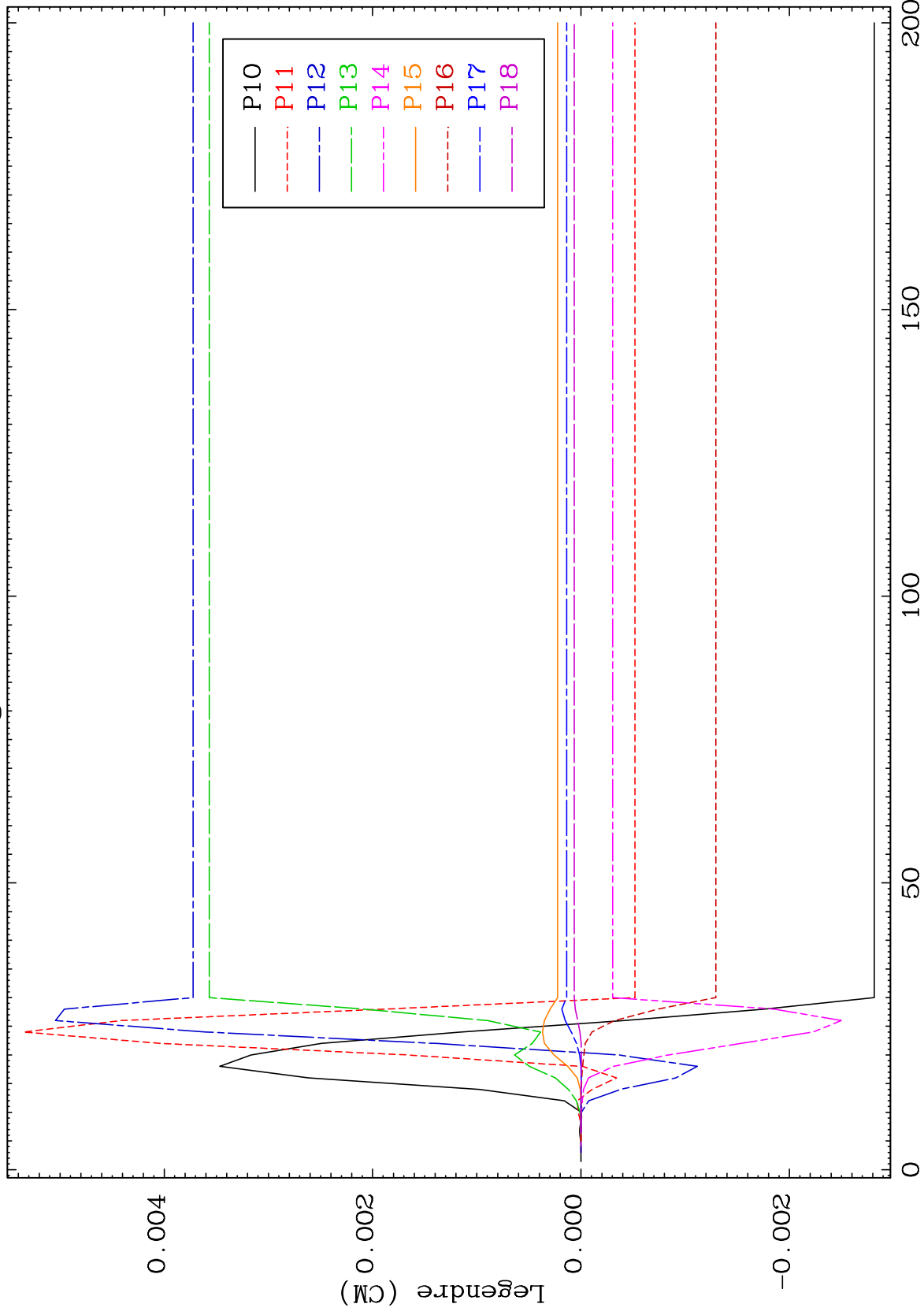
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



67

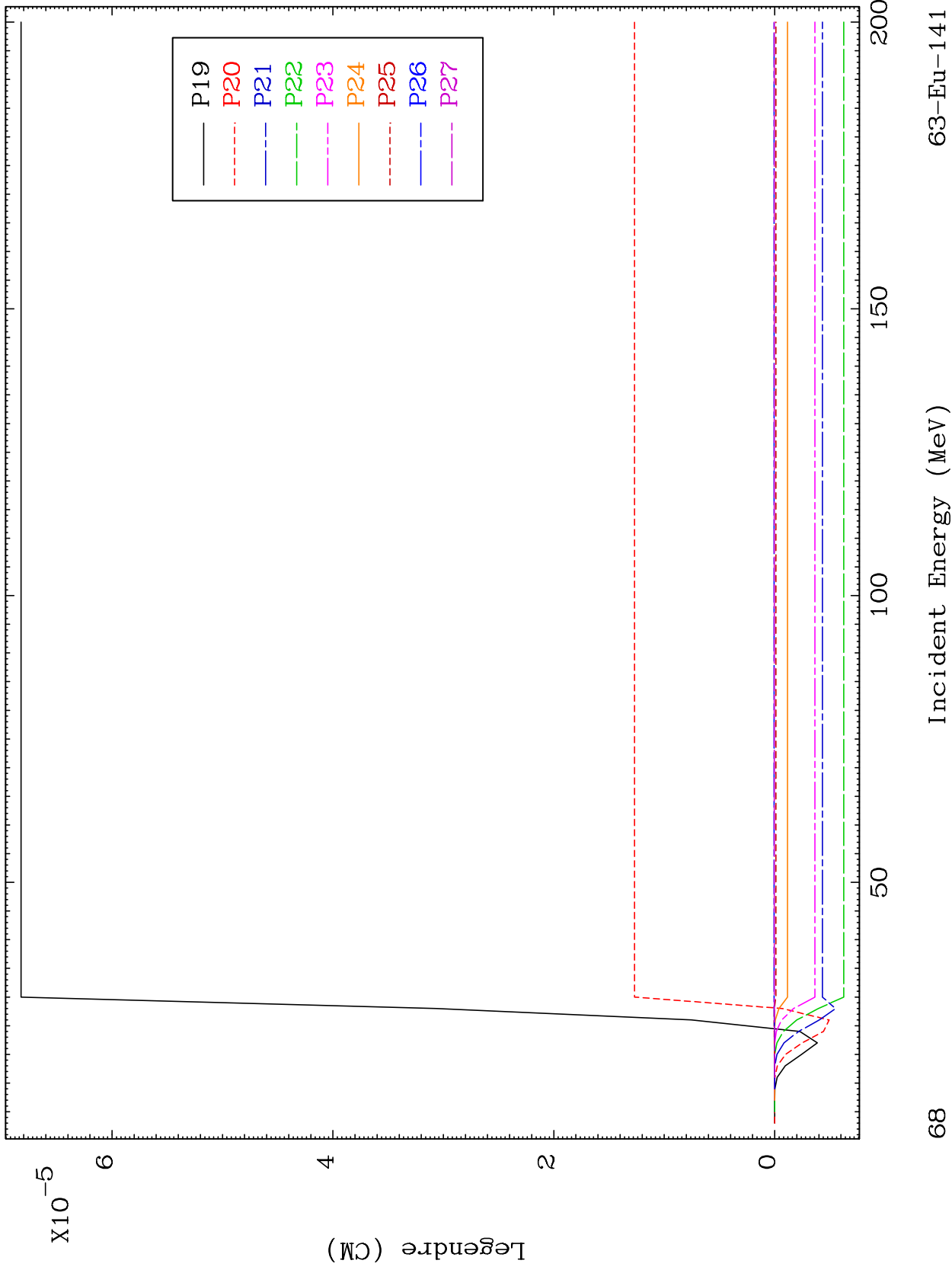
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



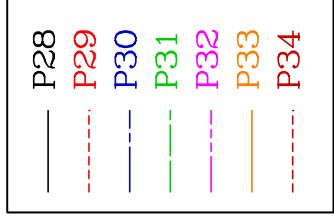
MAT 6295

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

63-Eu-141

$\times 10^{-8}$

Legendre (CM)



200

150

100

50

69

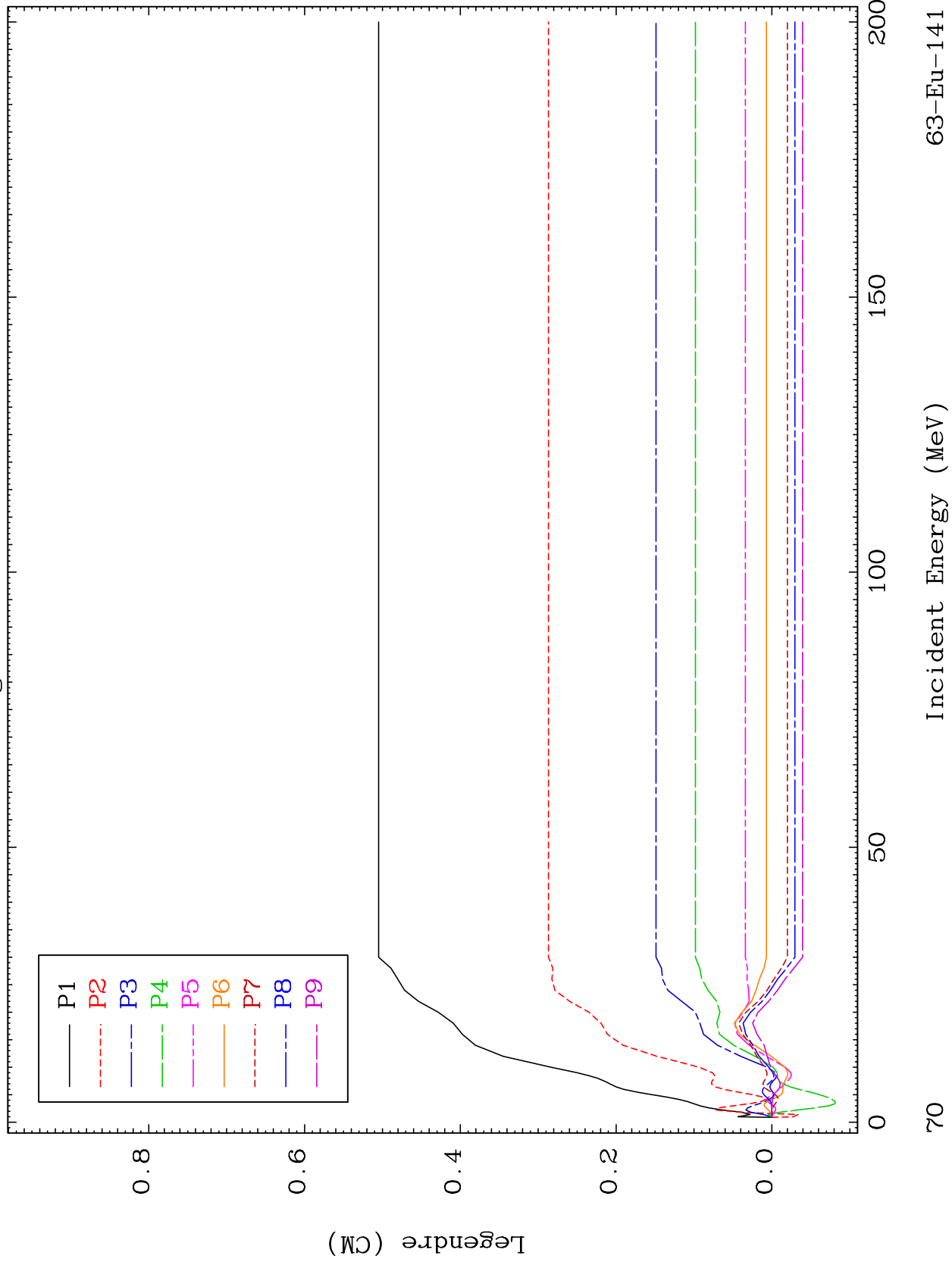
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



63-Eu-141

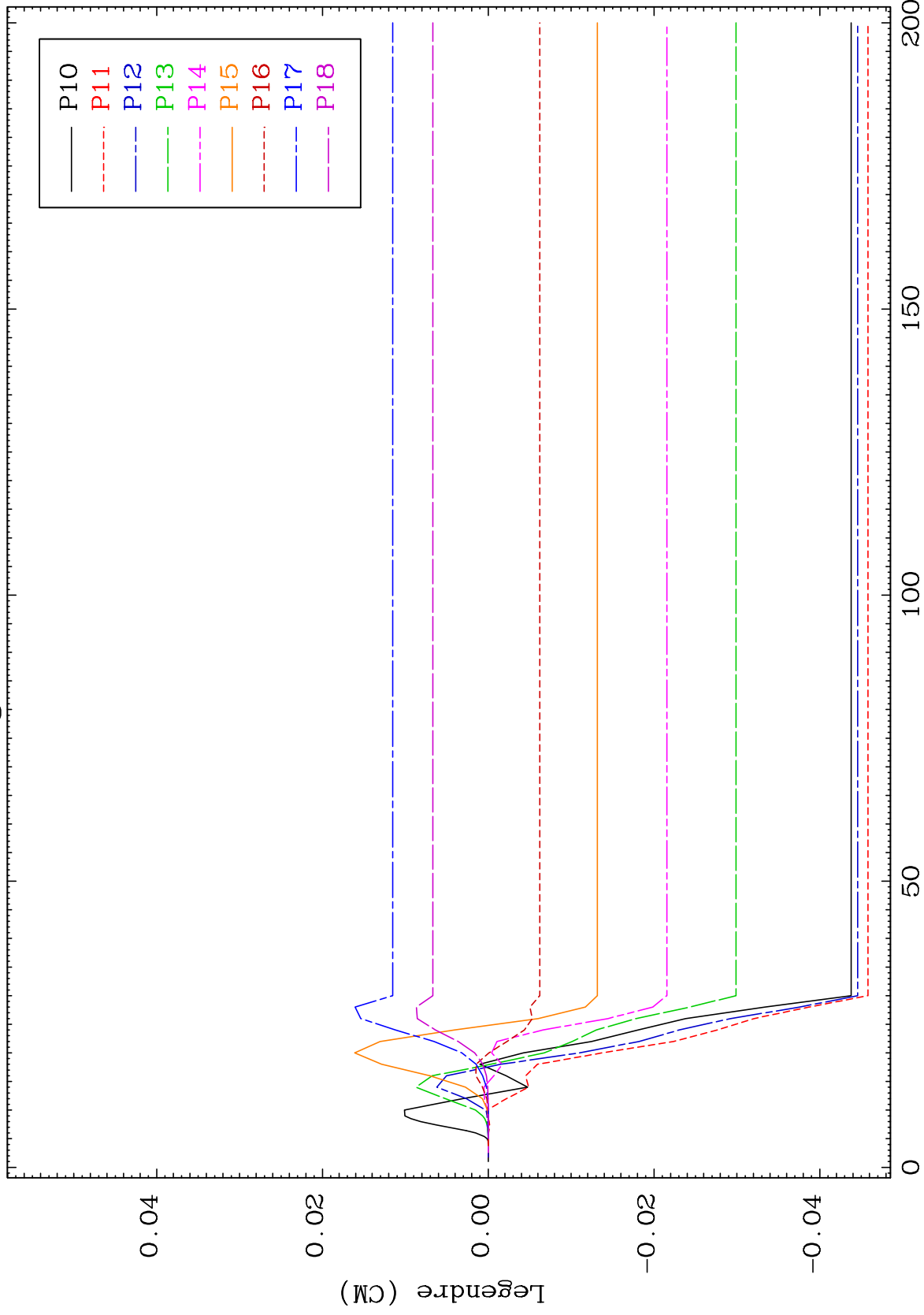
Incident Energy (MeV)

70

MAT 6295

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

63-Eu-141



71

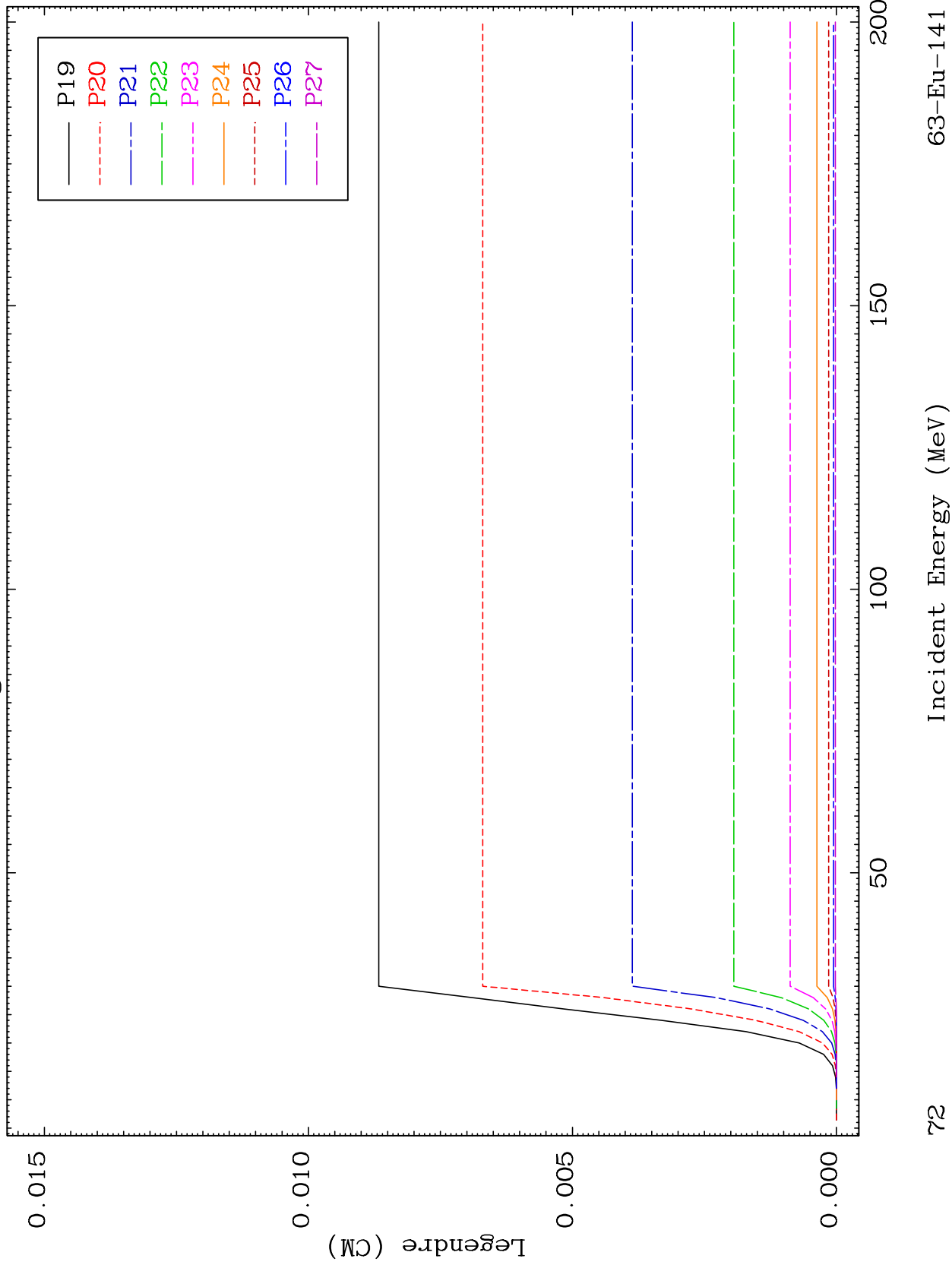
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



72

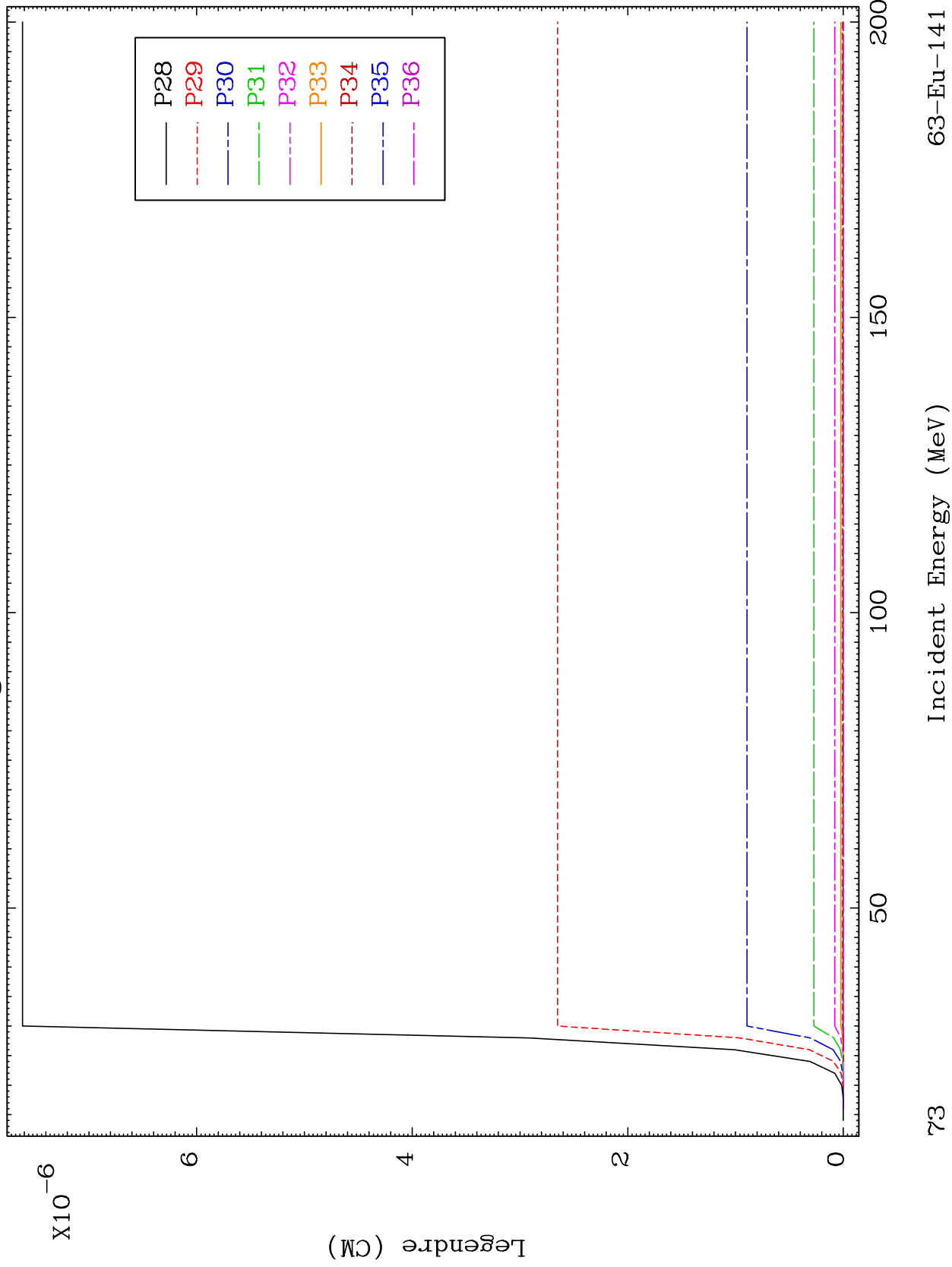
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

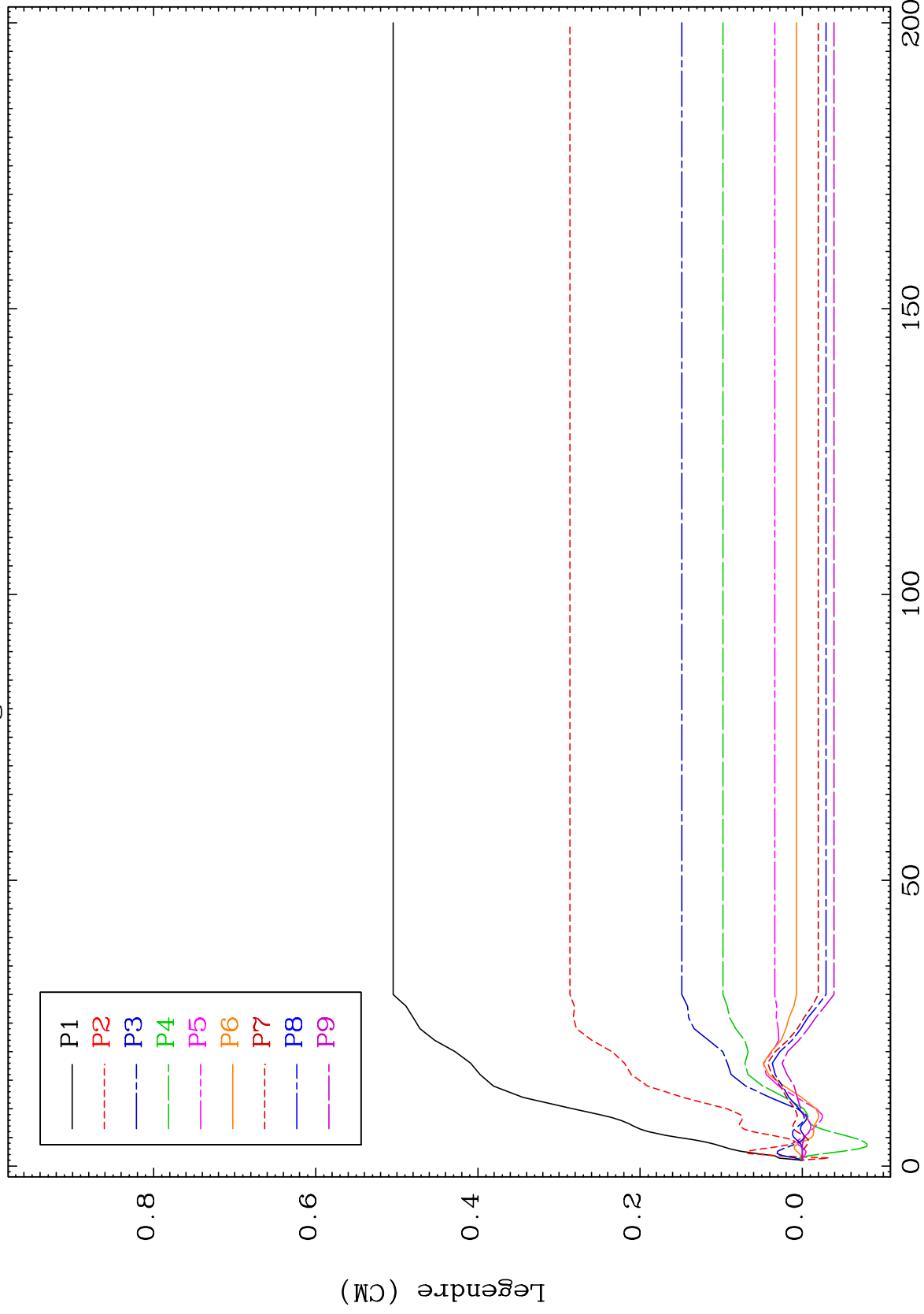
63-Eu-141



MAT 6295

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

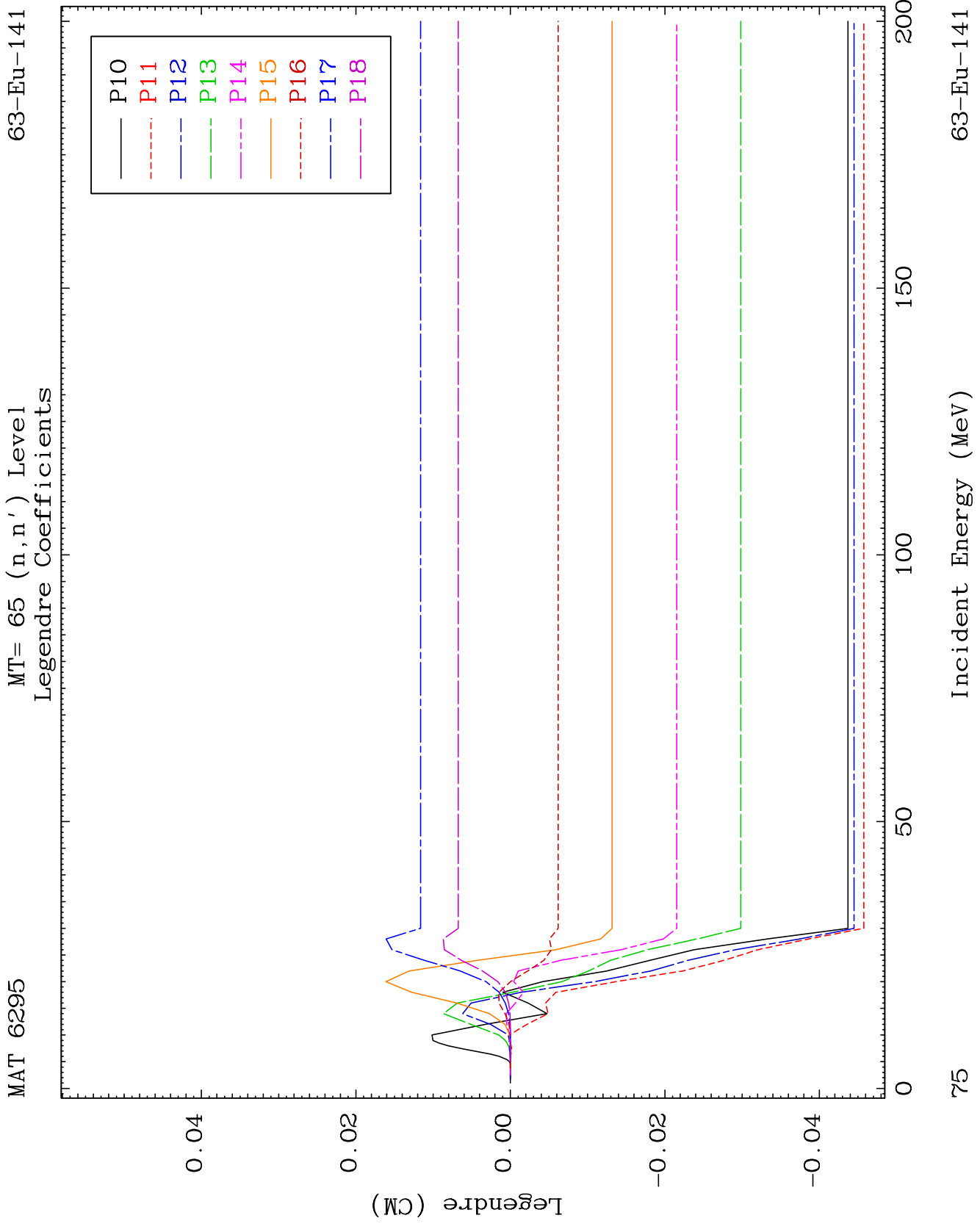
63-Eu-141



74

Incident Energy (MeV)

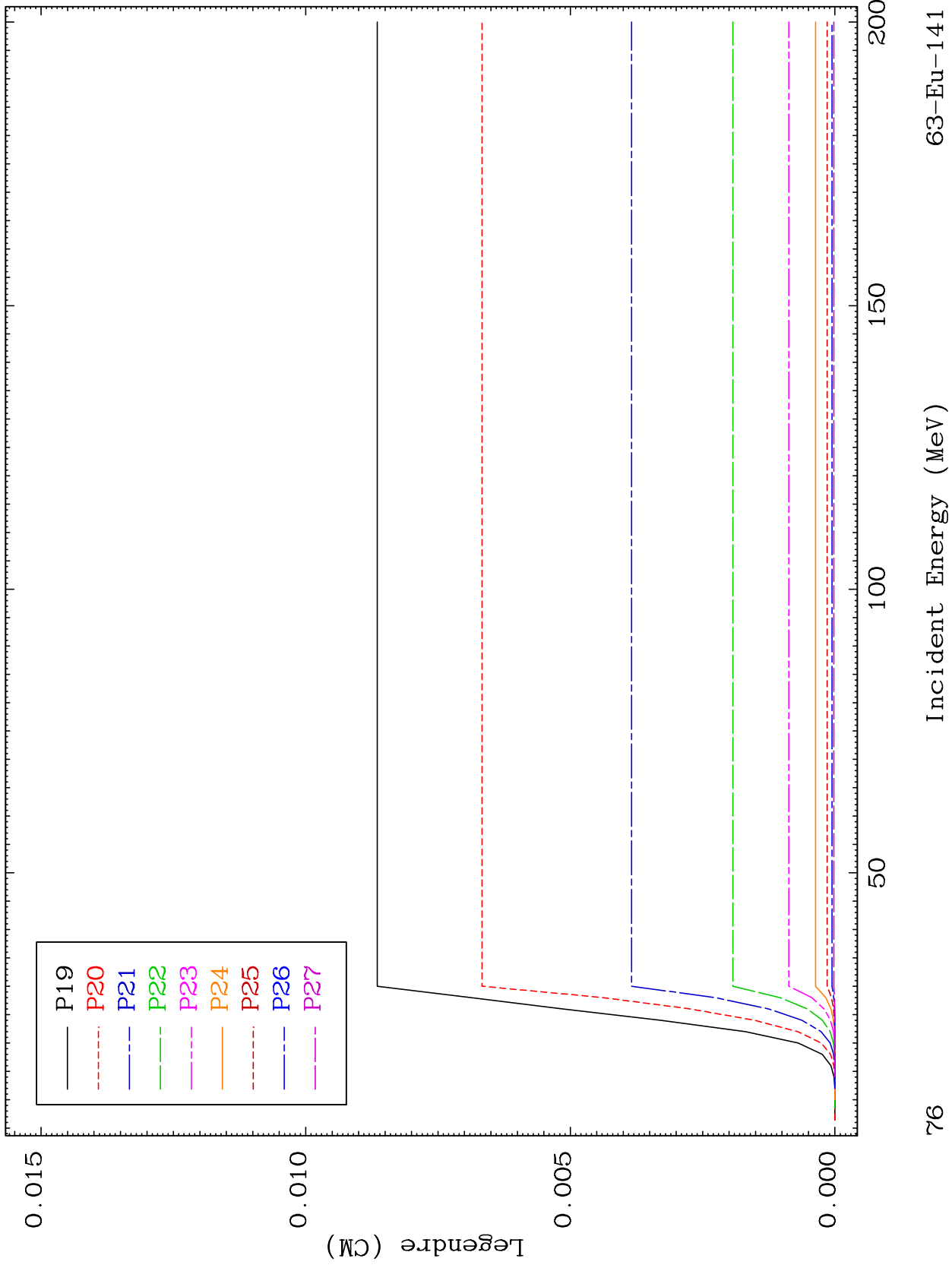
63-Eu-141



MAT 6295

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

63-Eu-141



76

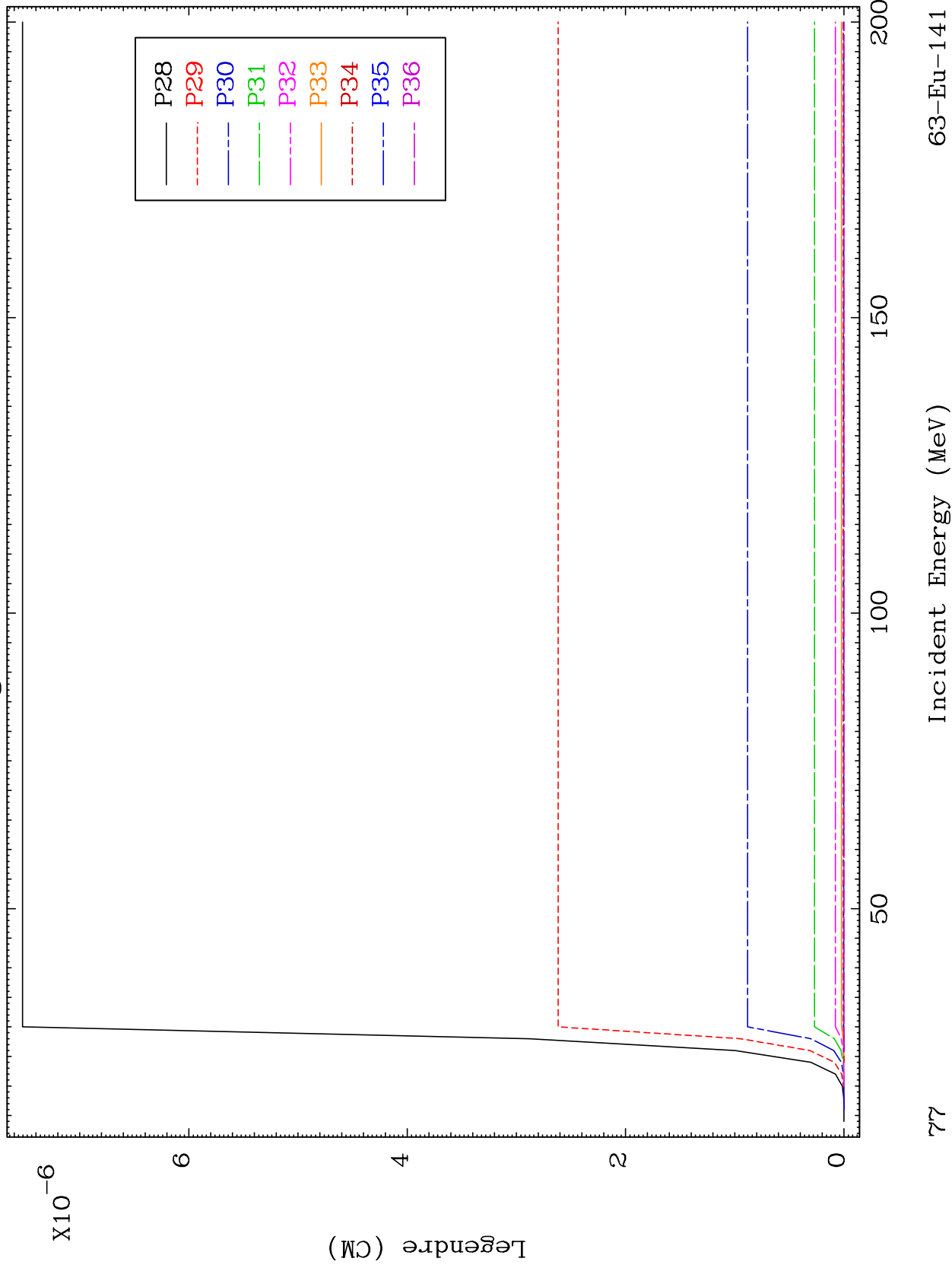
Incident Energy (MeV)

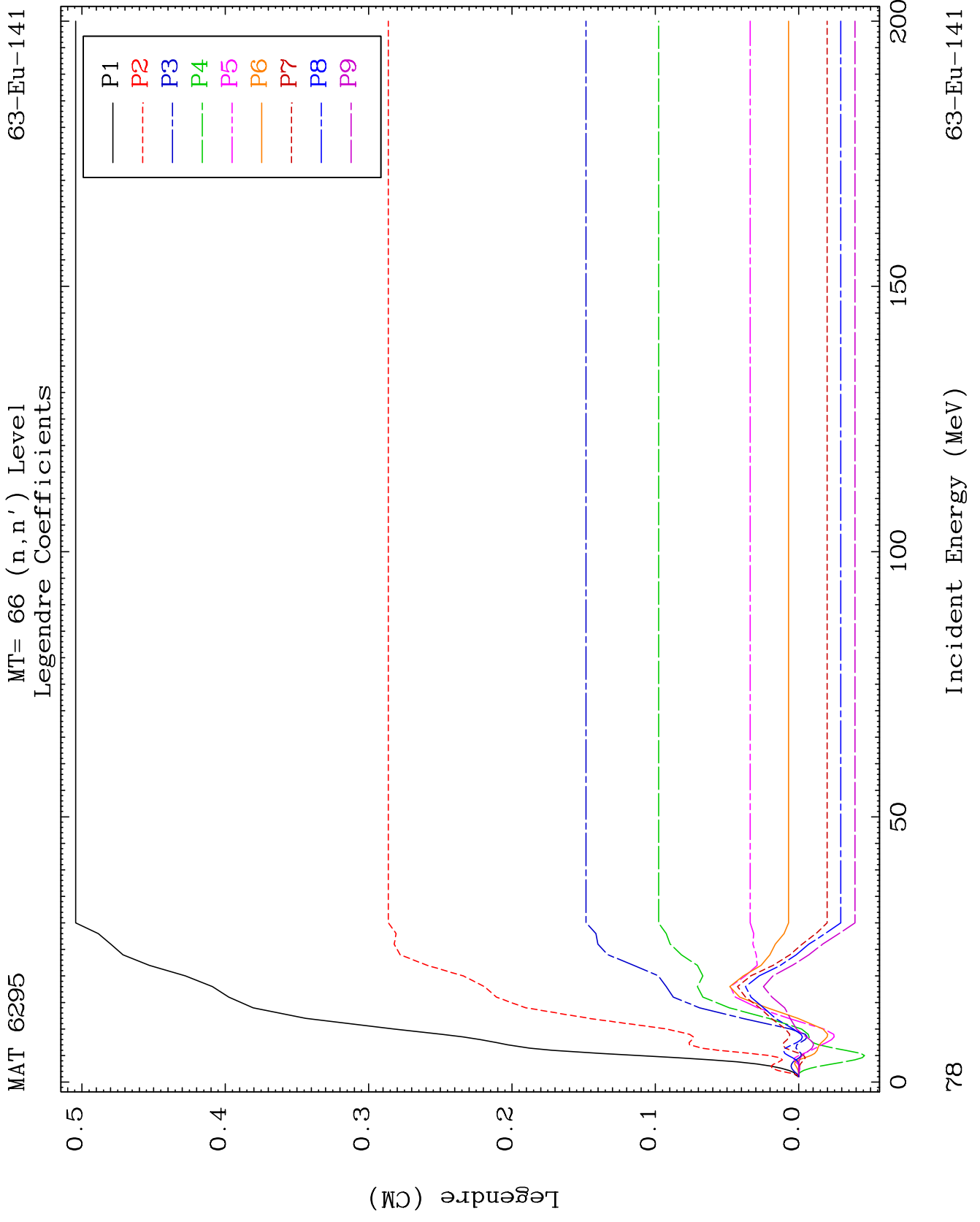
63-Eu-141

MAT 6295

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

63-Eu-141

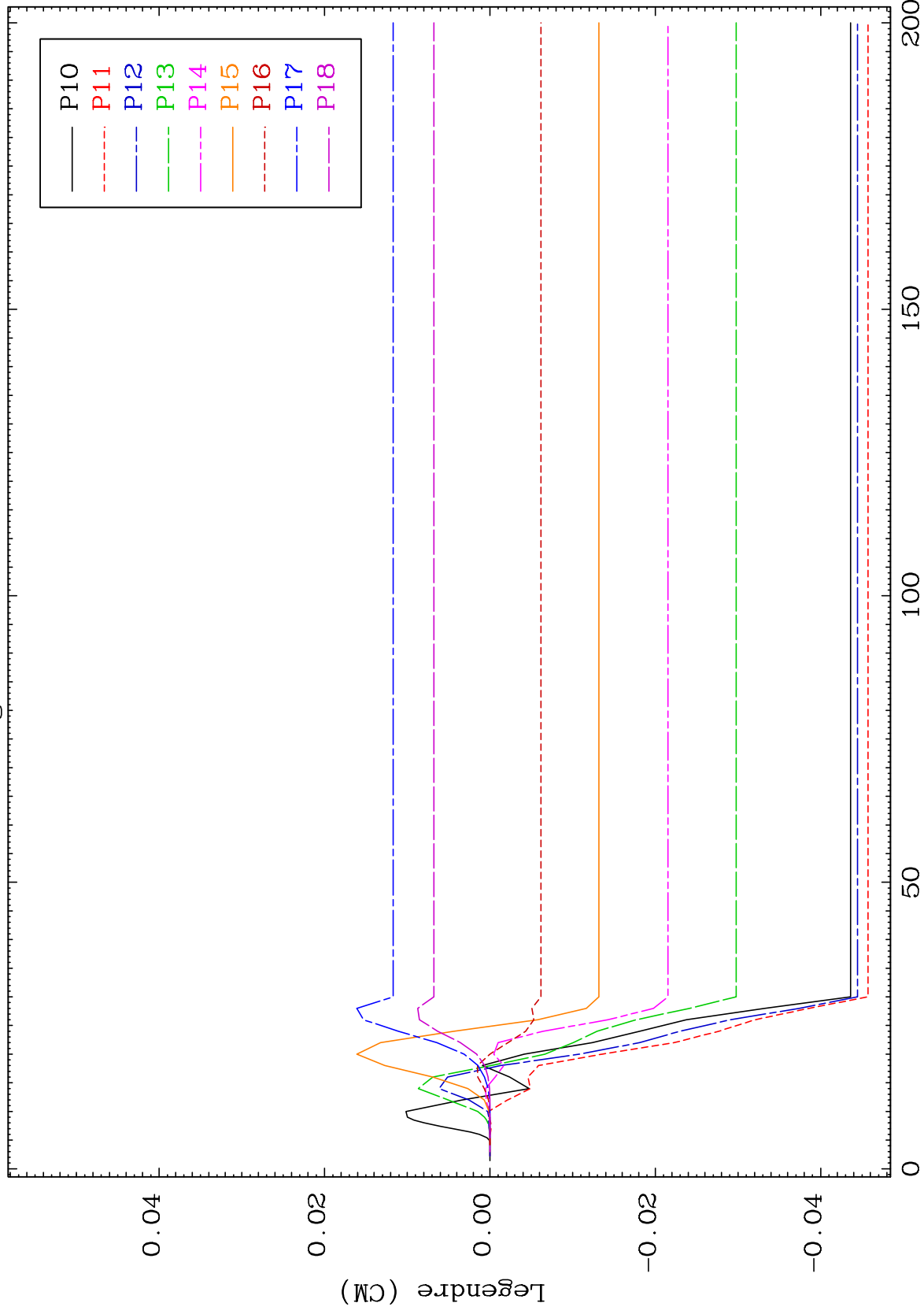




MAT 6295

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

63-Eu-141



79

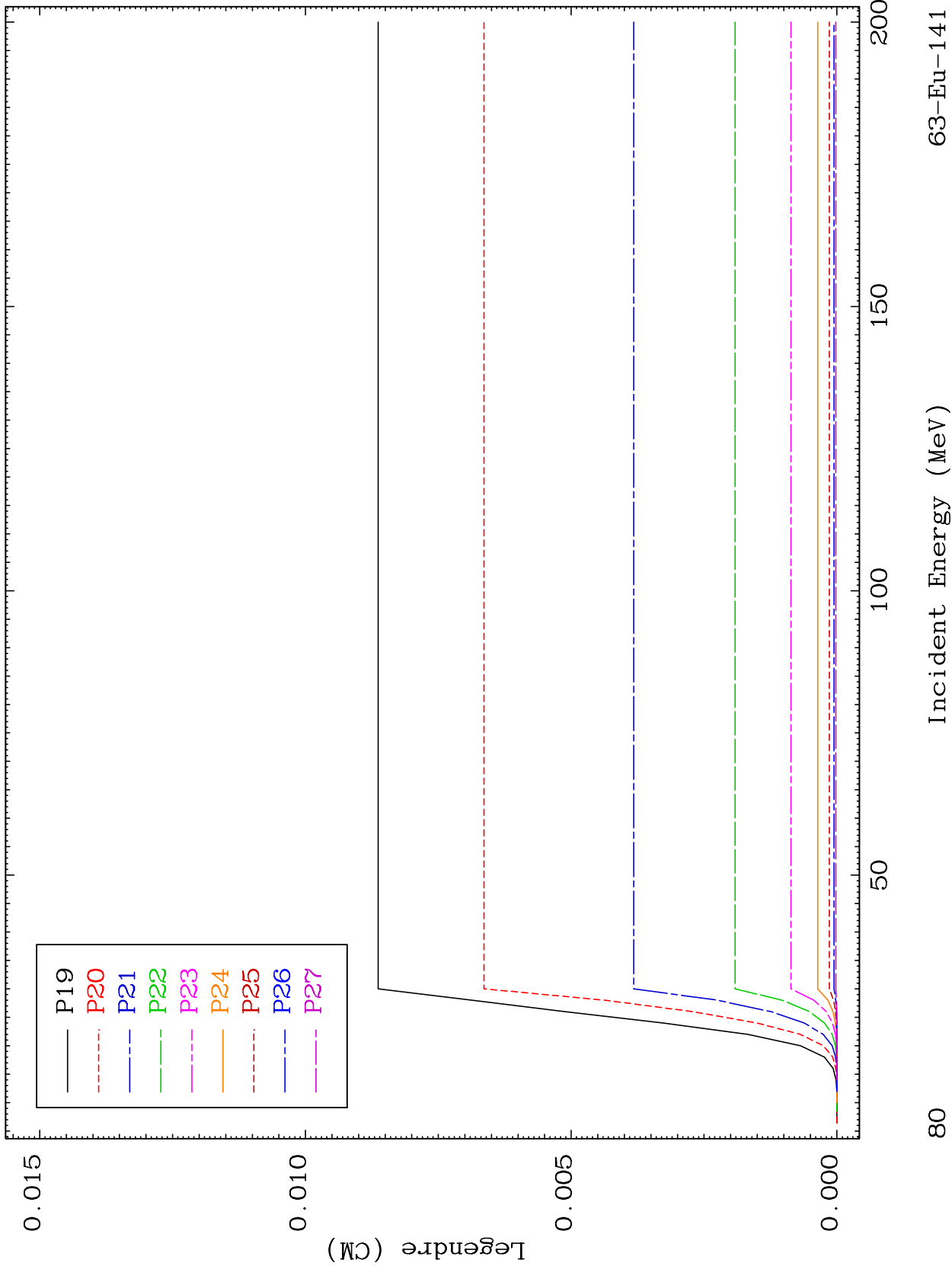
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



80

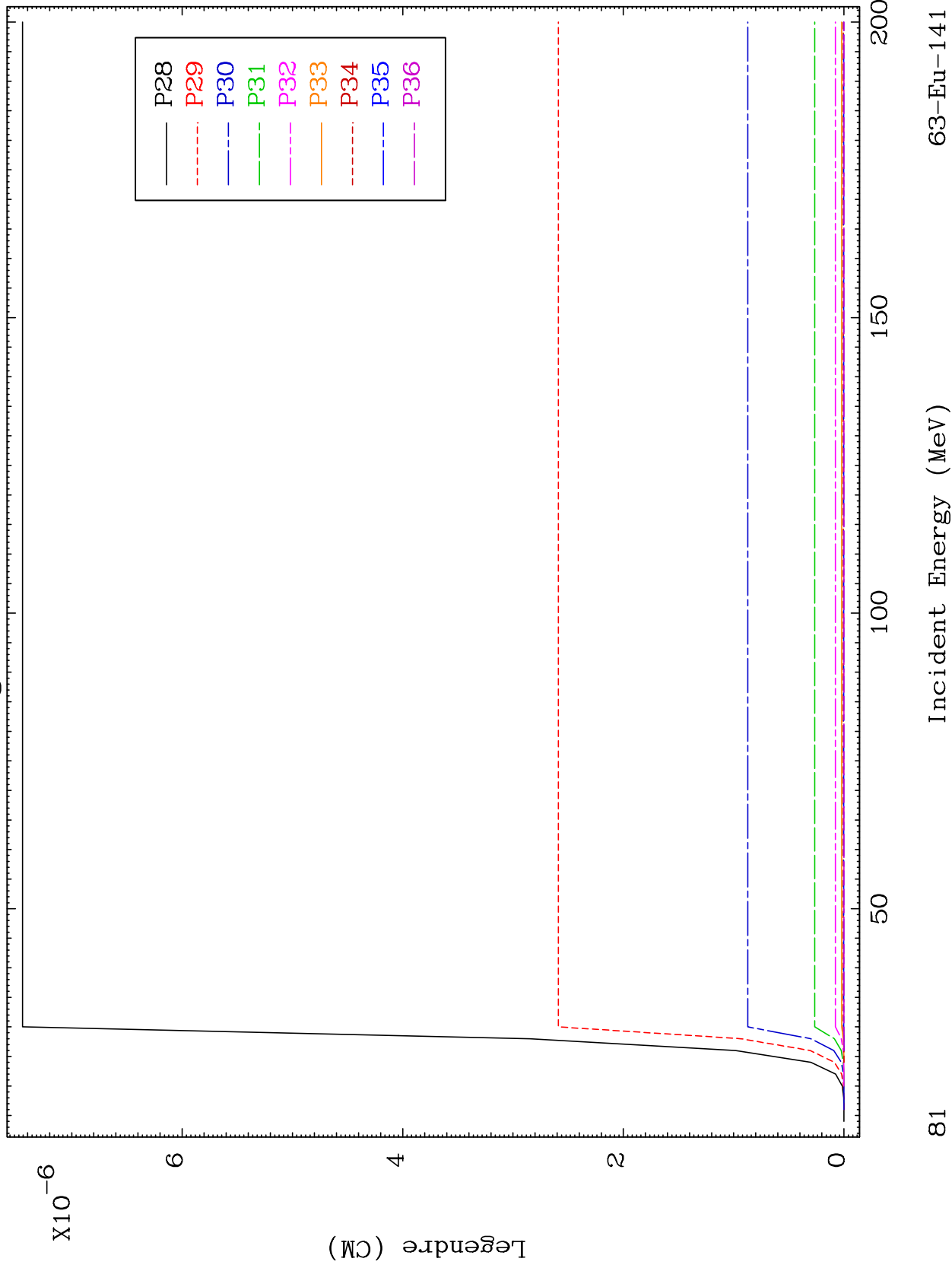
Incident Energy (MeV)

63-Eu-141

MAT 6295

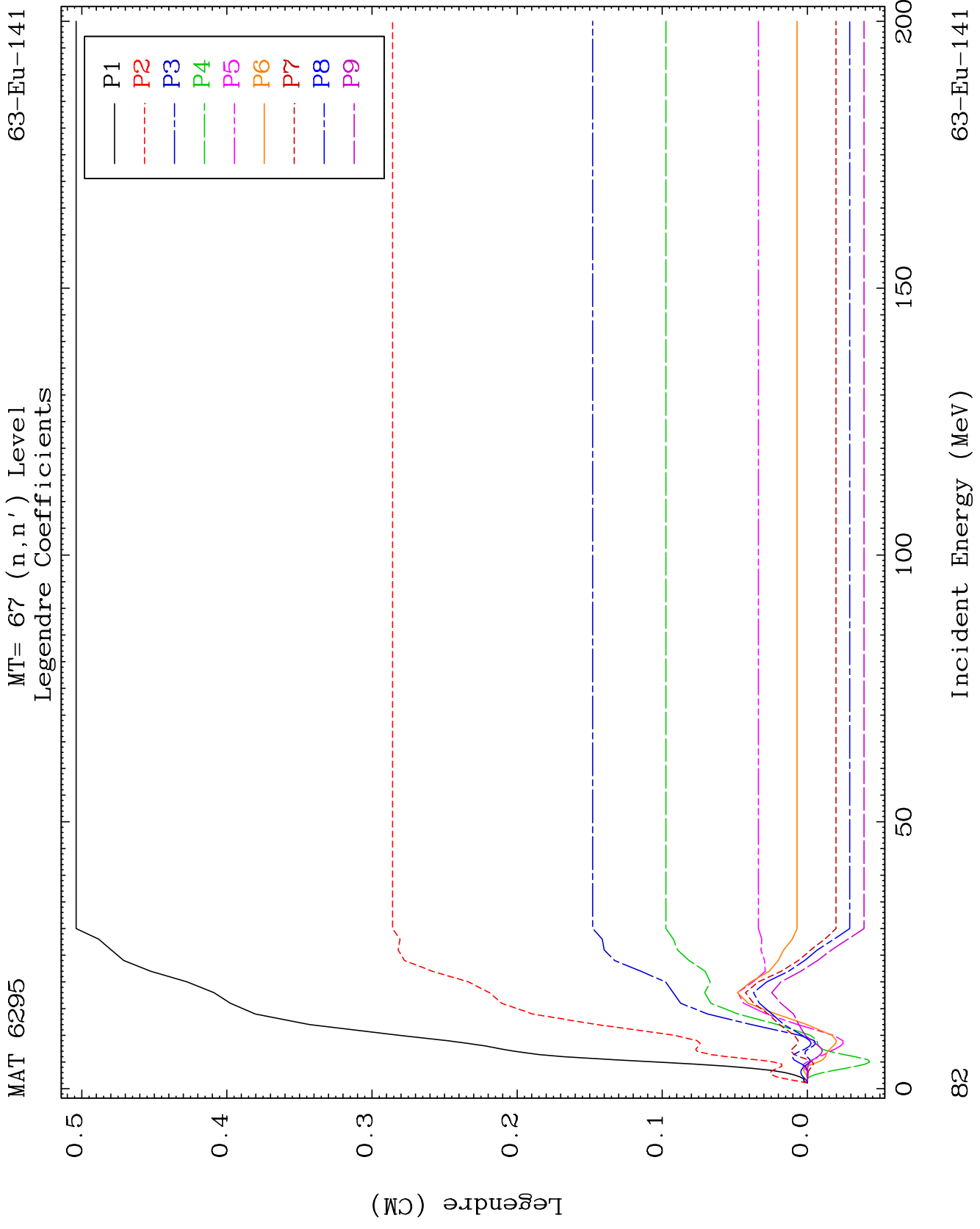
MT= 66 (n,n') Level
Legendre Coefficients

63-Eu-141



81

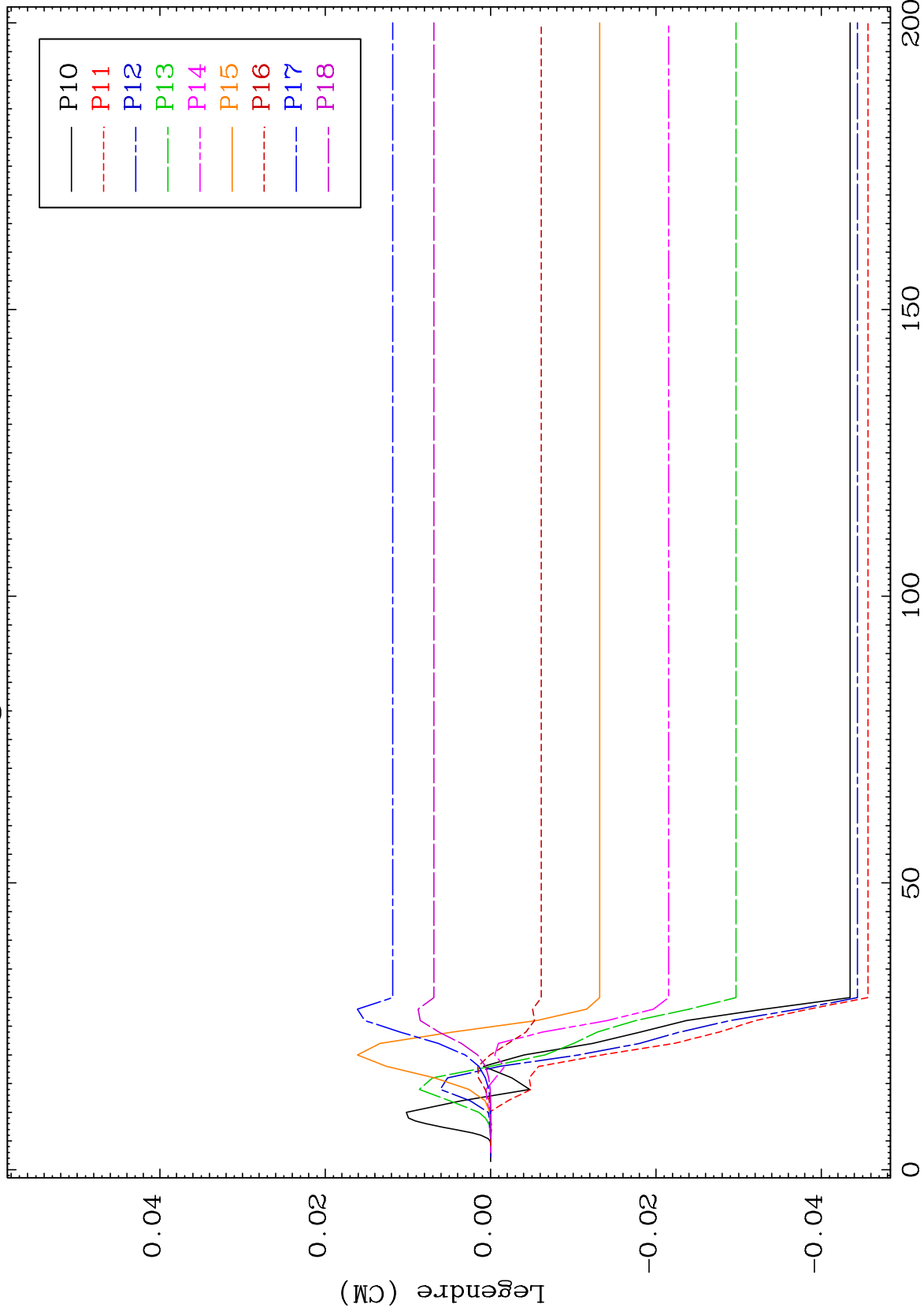
63-Eu-141



MAT 6295

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

63-Eu-141



83

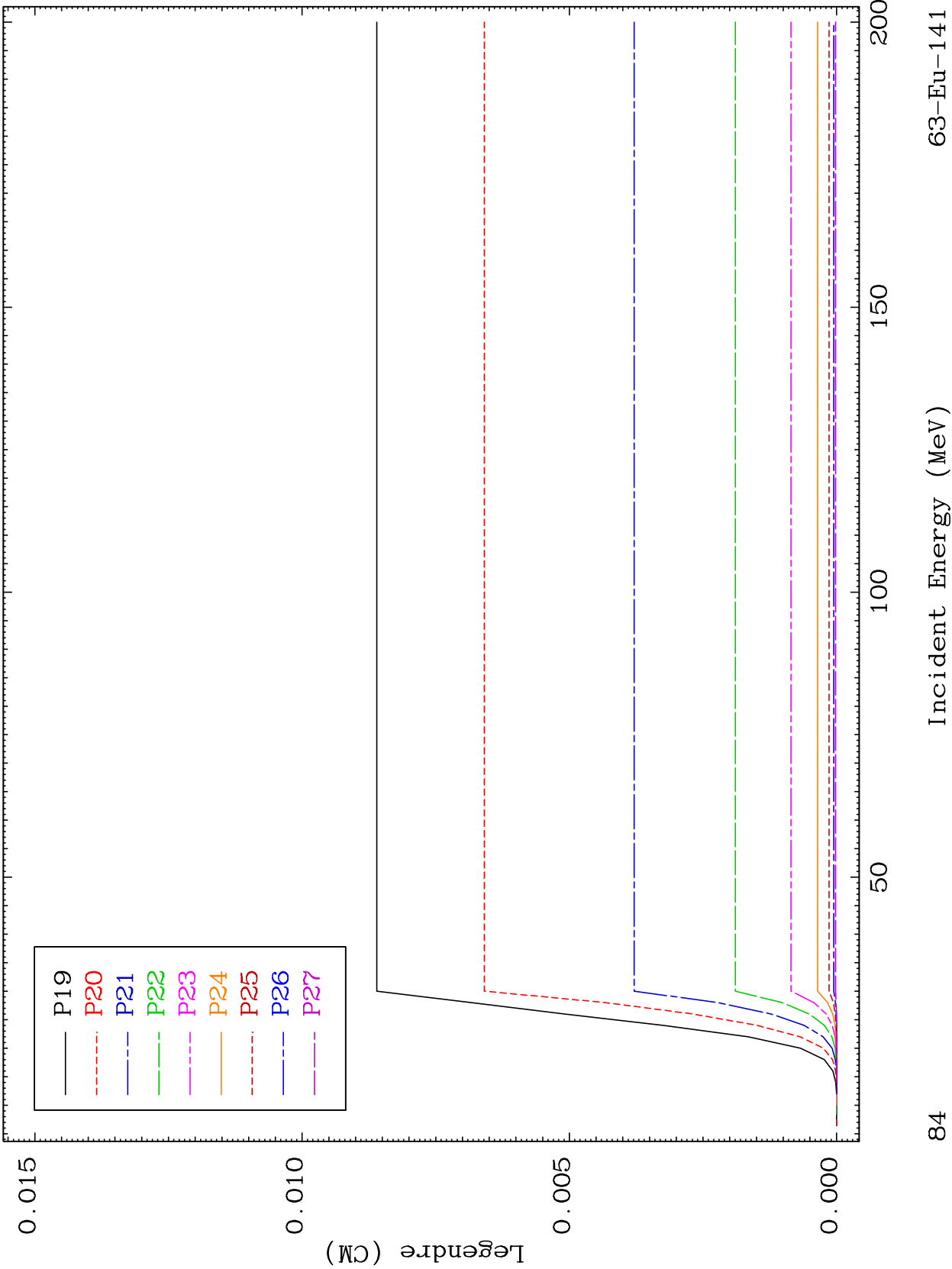
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



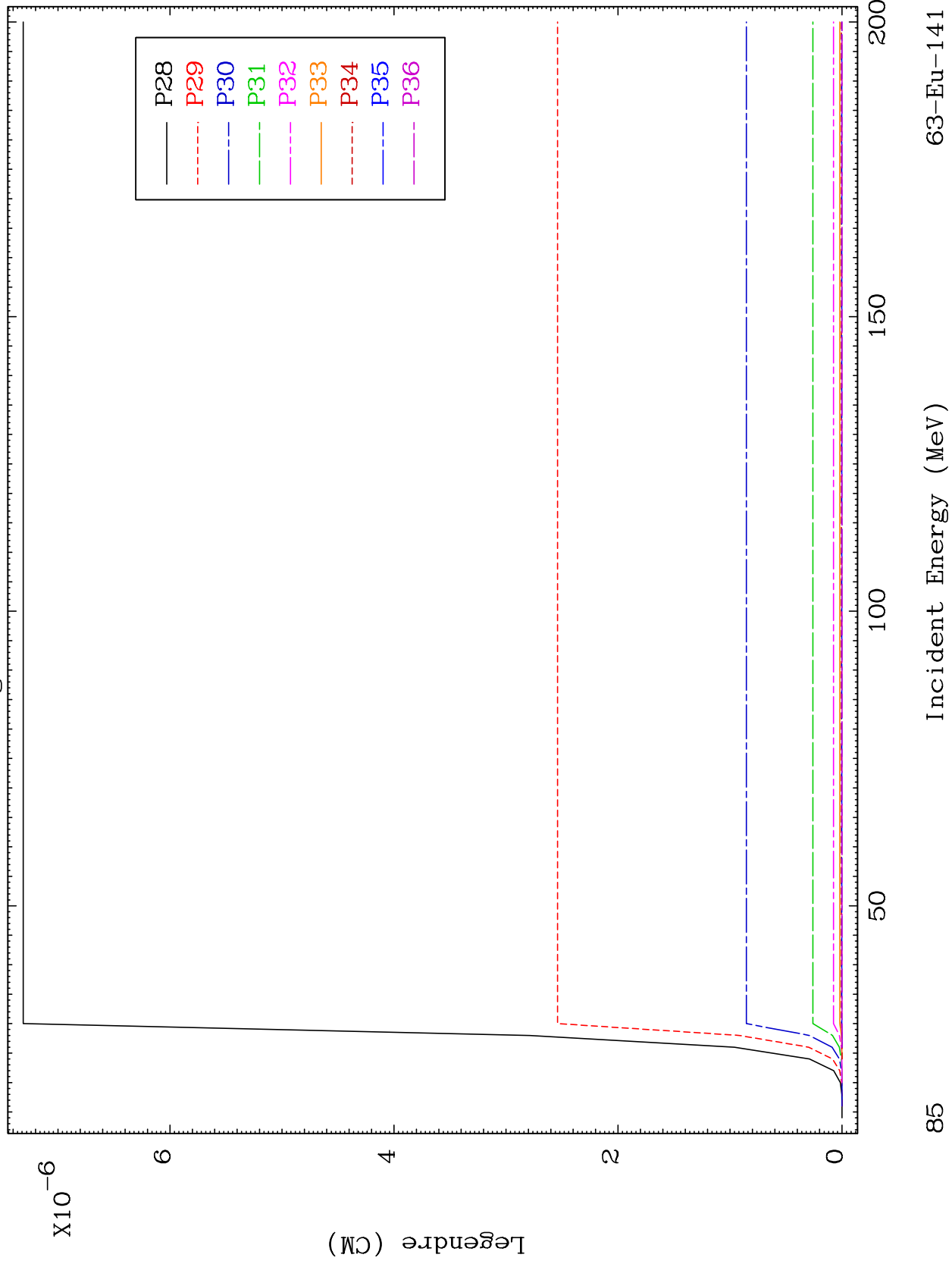
84

63-Eu-141

MAT 6295

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

63-Eu-141



85

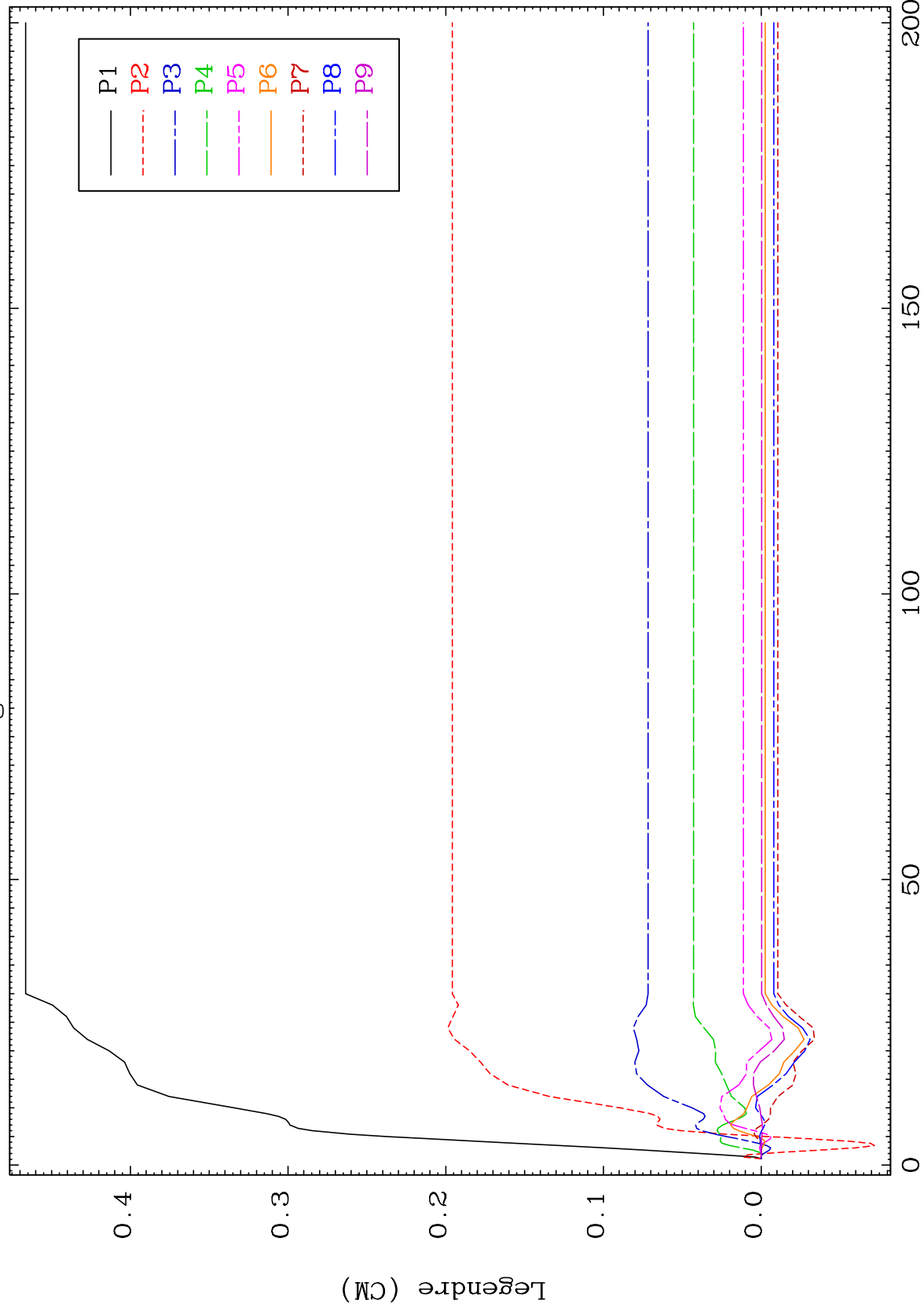
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



86

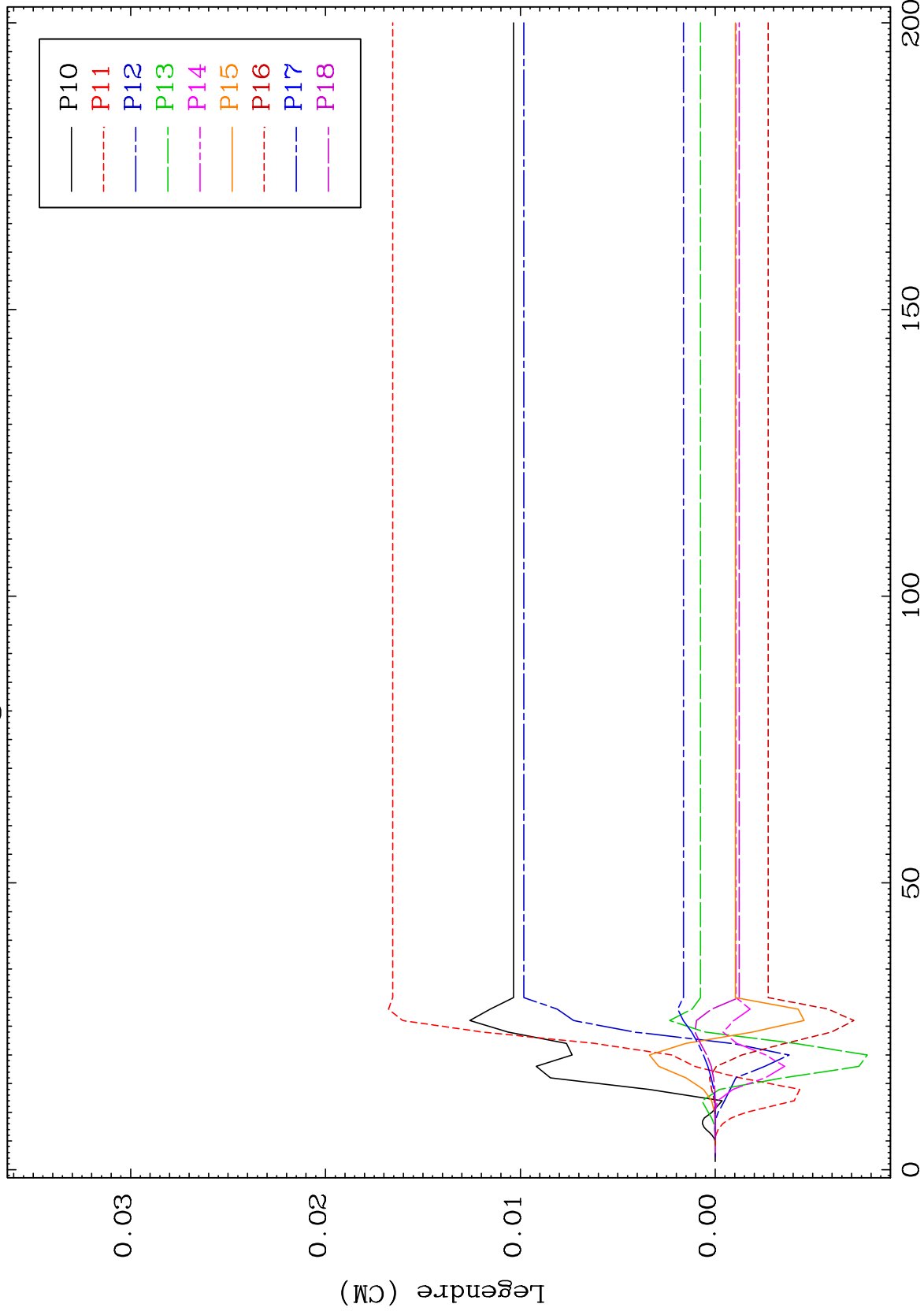
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

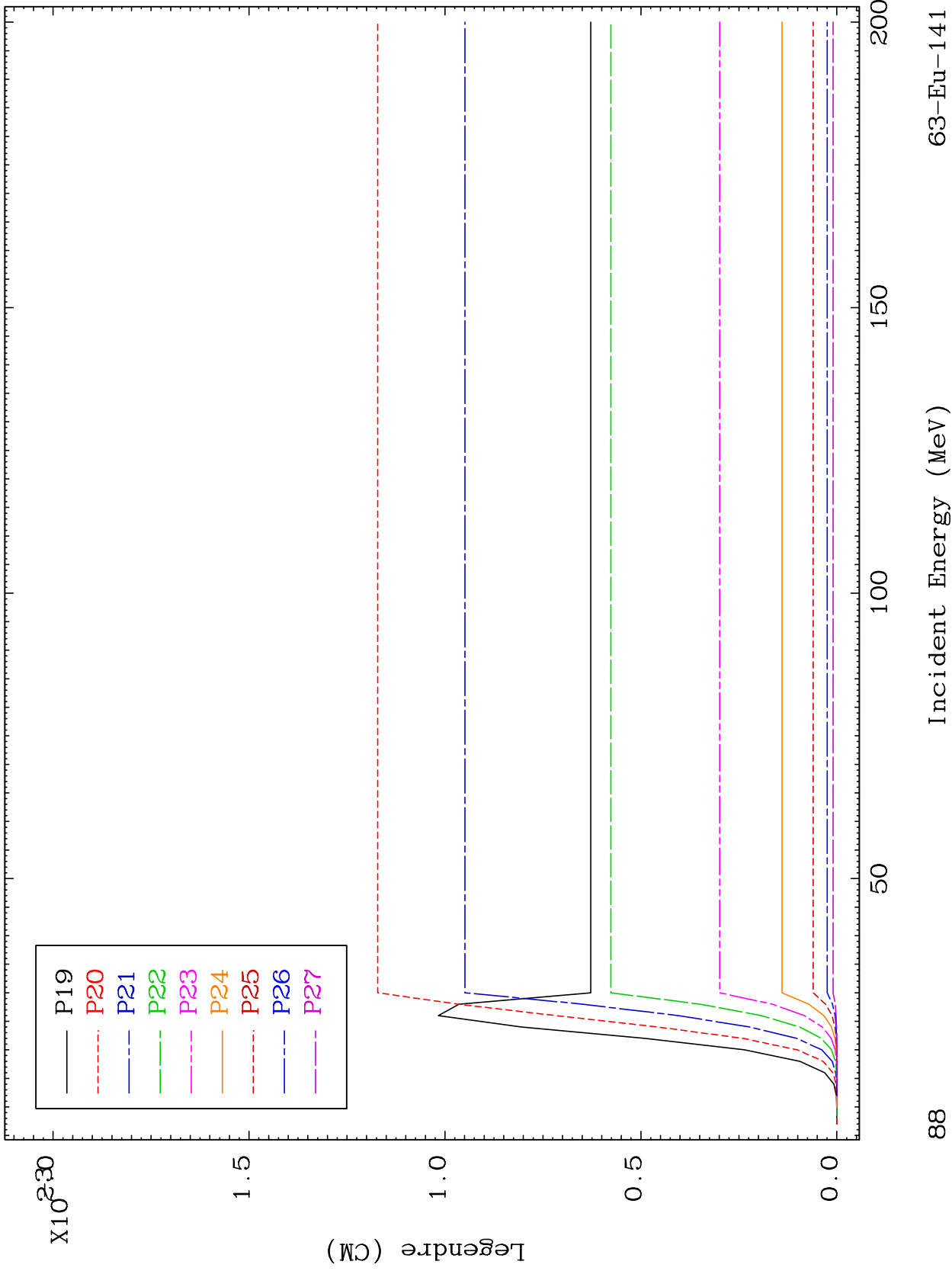
63-Eu-141



87

Incident Energy (MeV)

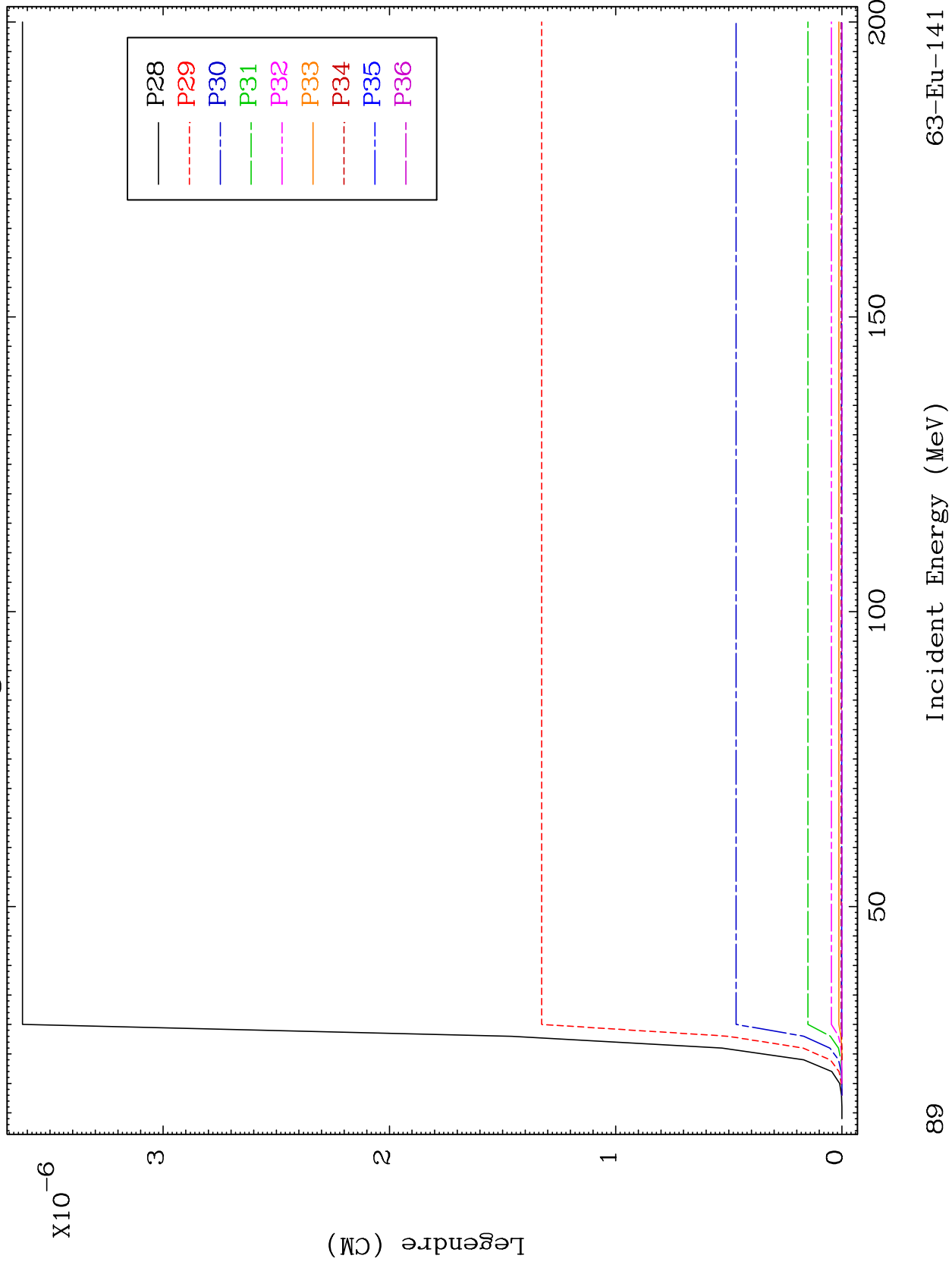
63-Eu-141



MAT 6295

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

63-Eu-141



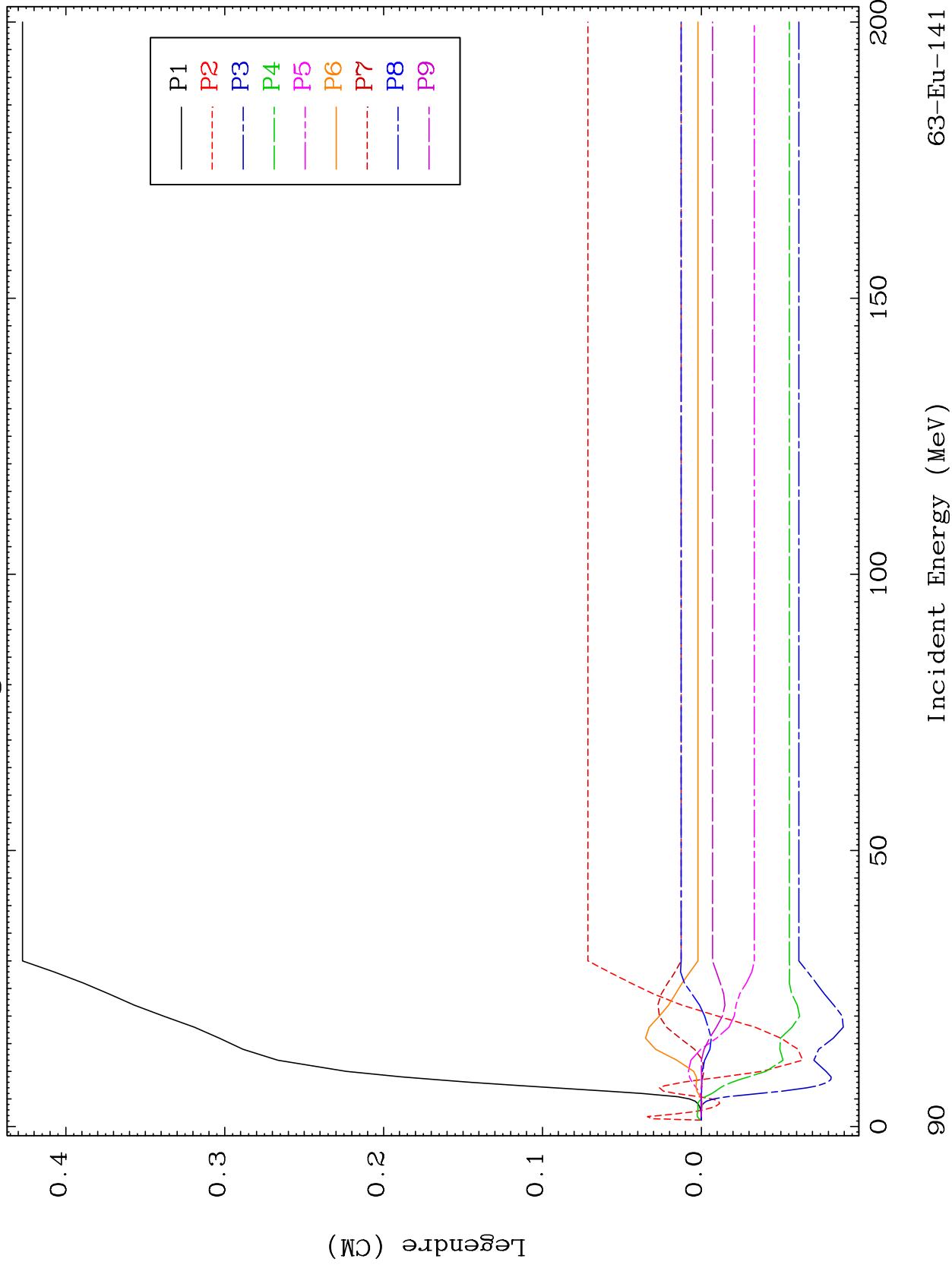
89

63-Eu-141

MAT 6295

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

63-Eu-141



63-Eu-141

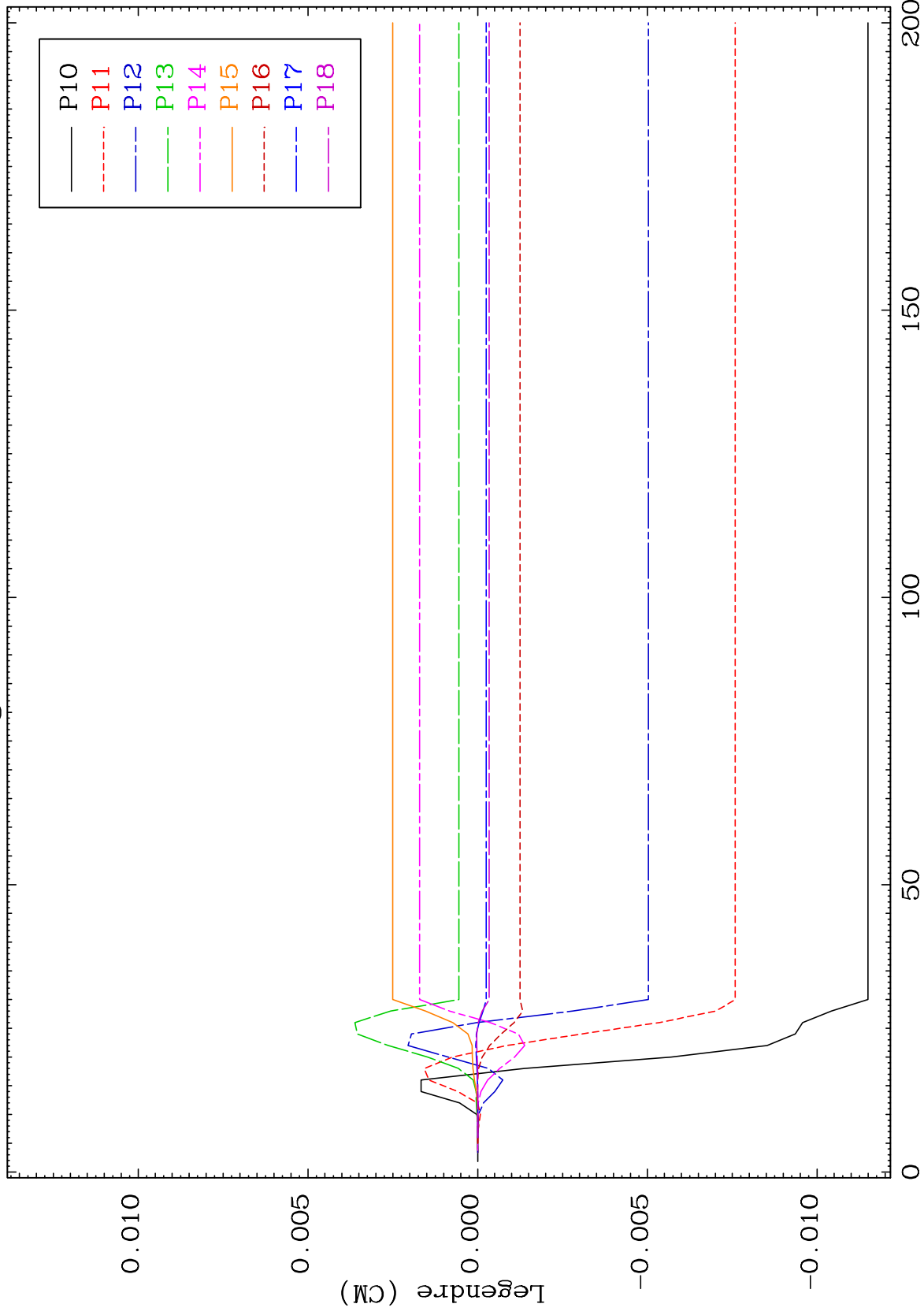
Incident Energy (MeV)

90

MAT 6295

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

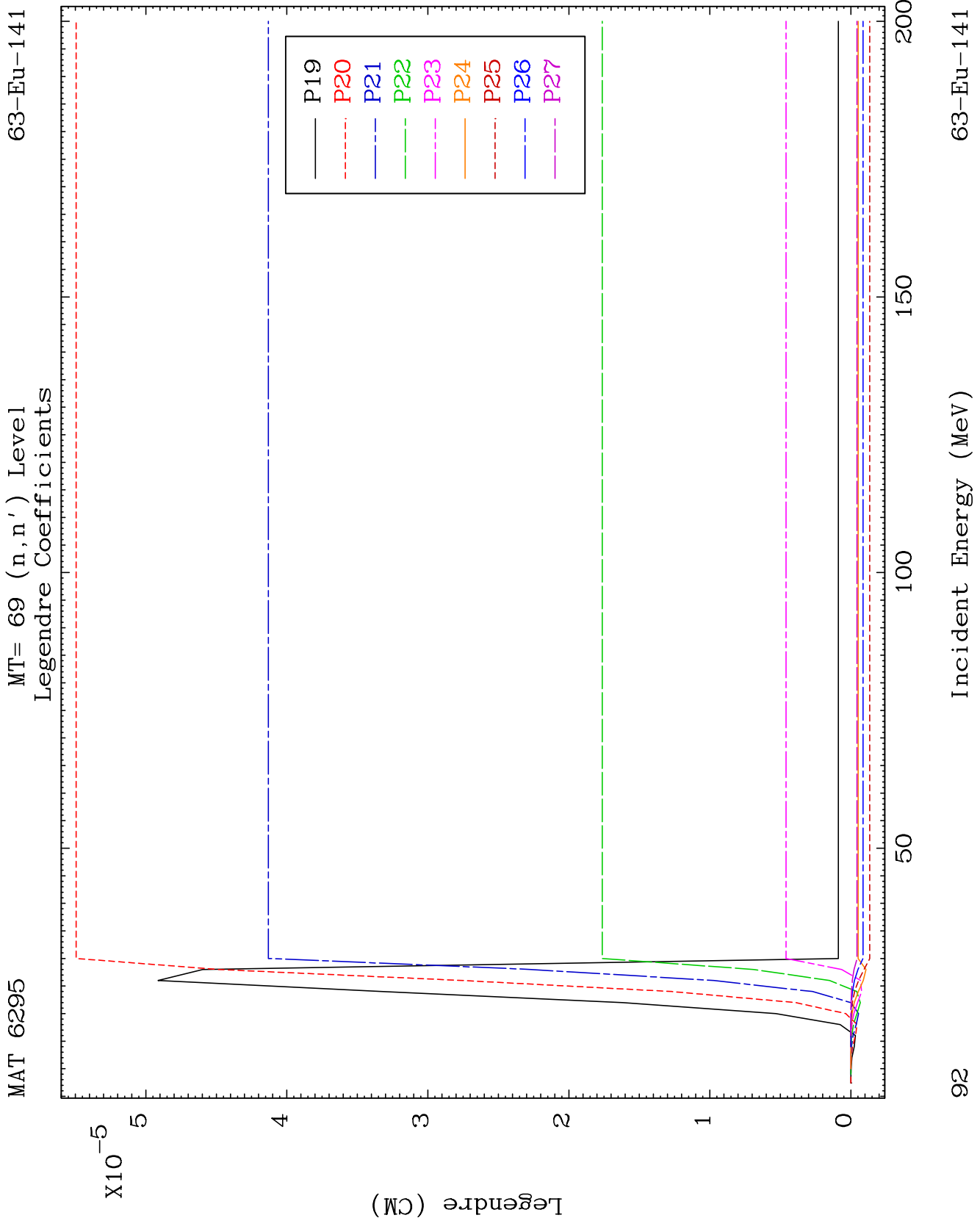
63-Eu-141



91

Incident Energy (MeV)

63-Eu-141

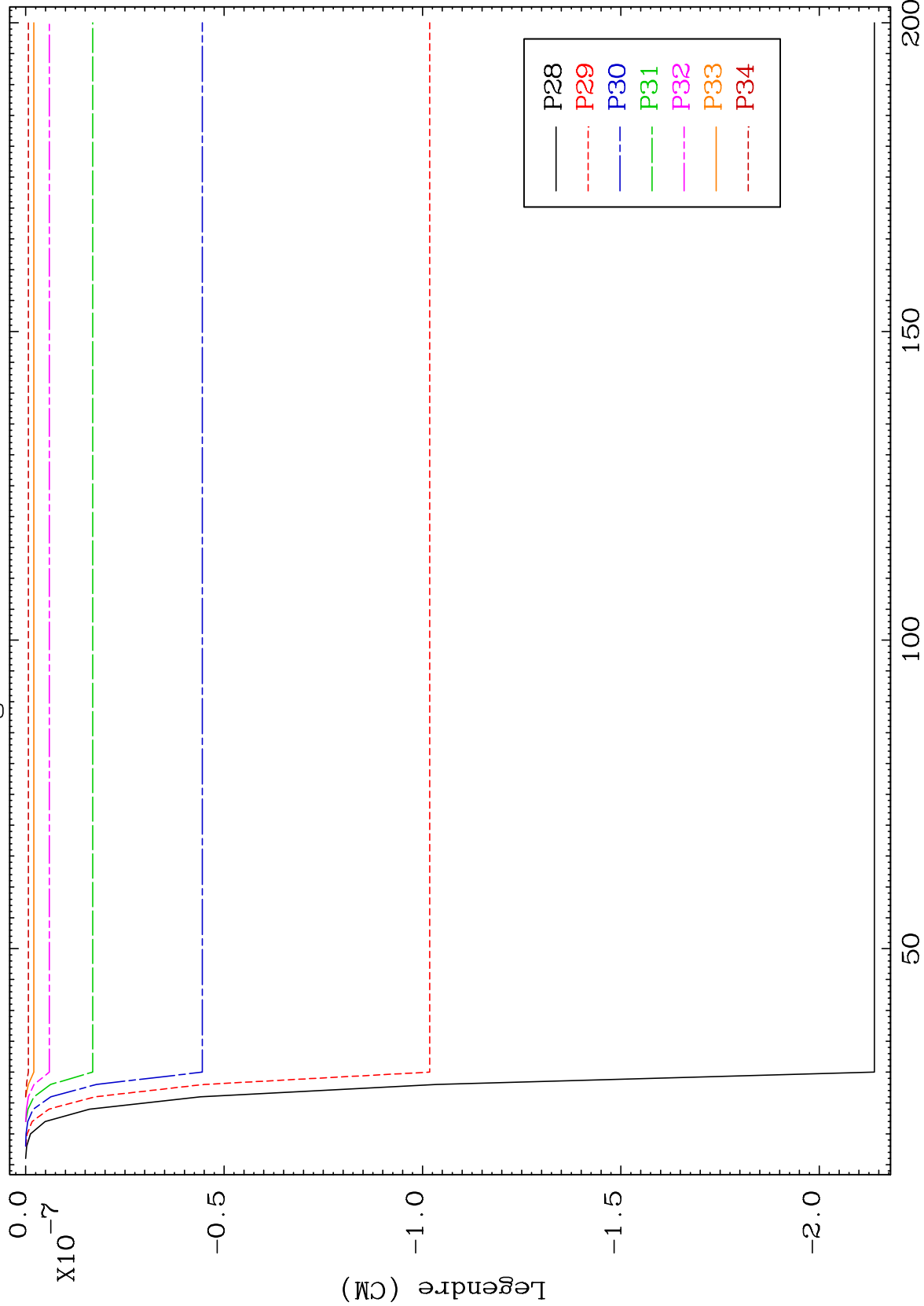


MAT 6295

MT= 69 (n,n') Level

63-Eu-141

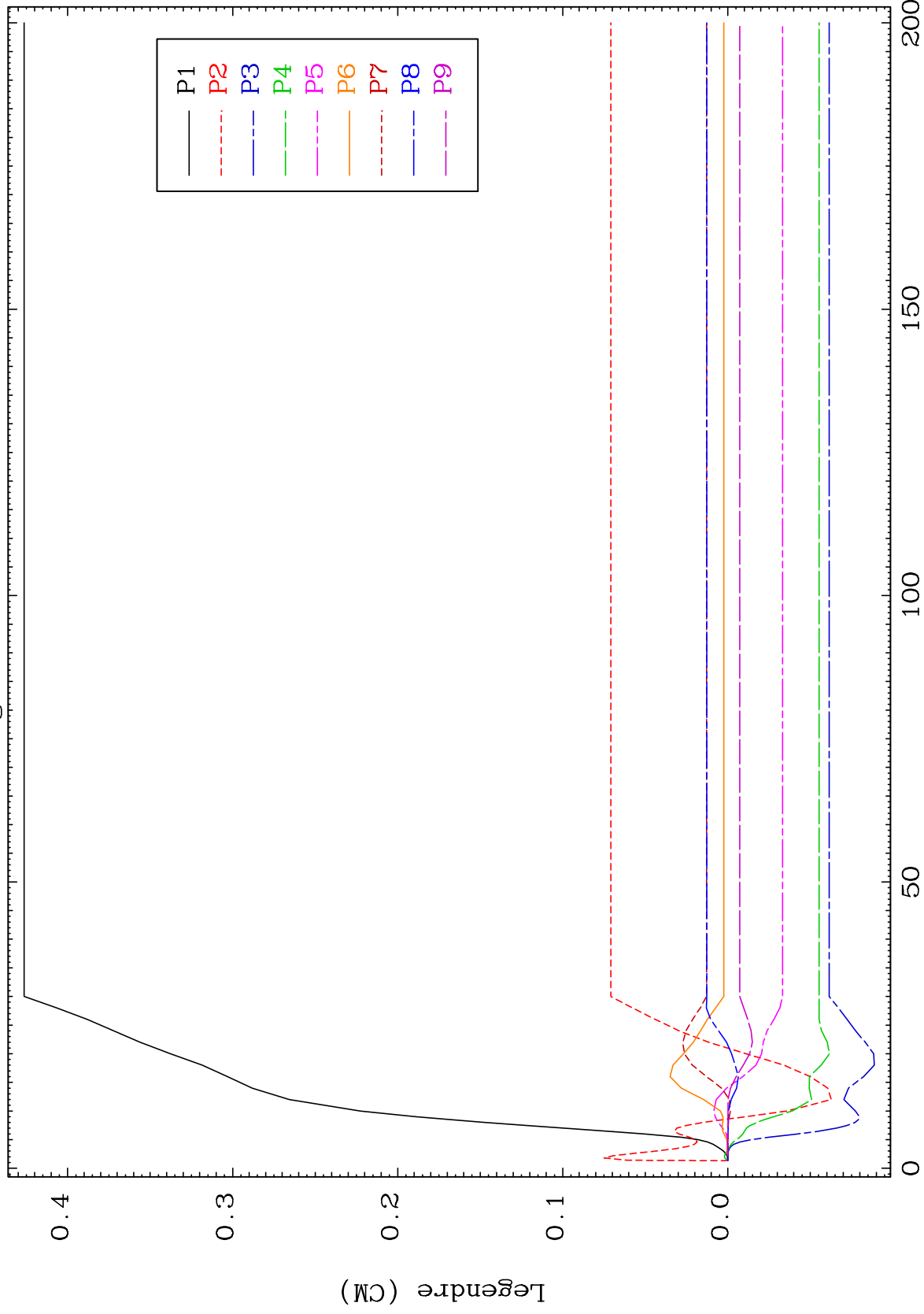
Legendre Coefficients



MAT 6295

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

63-Eu-141



94

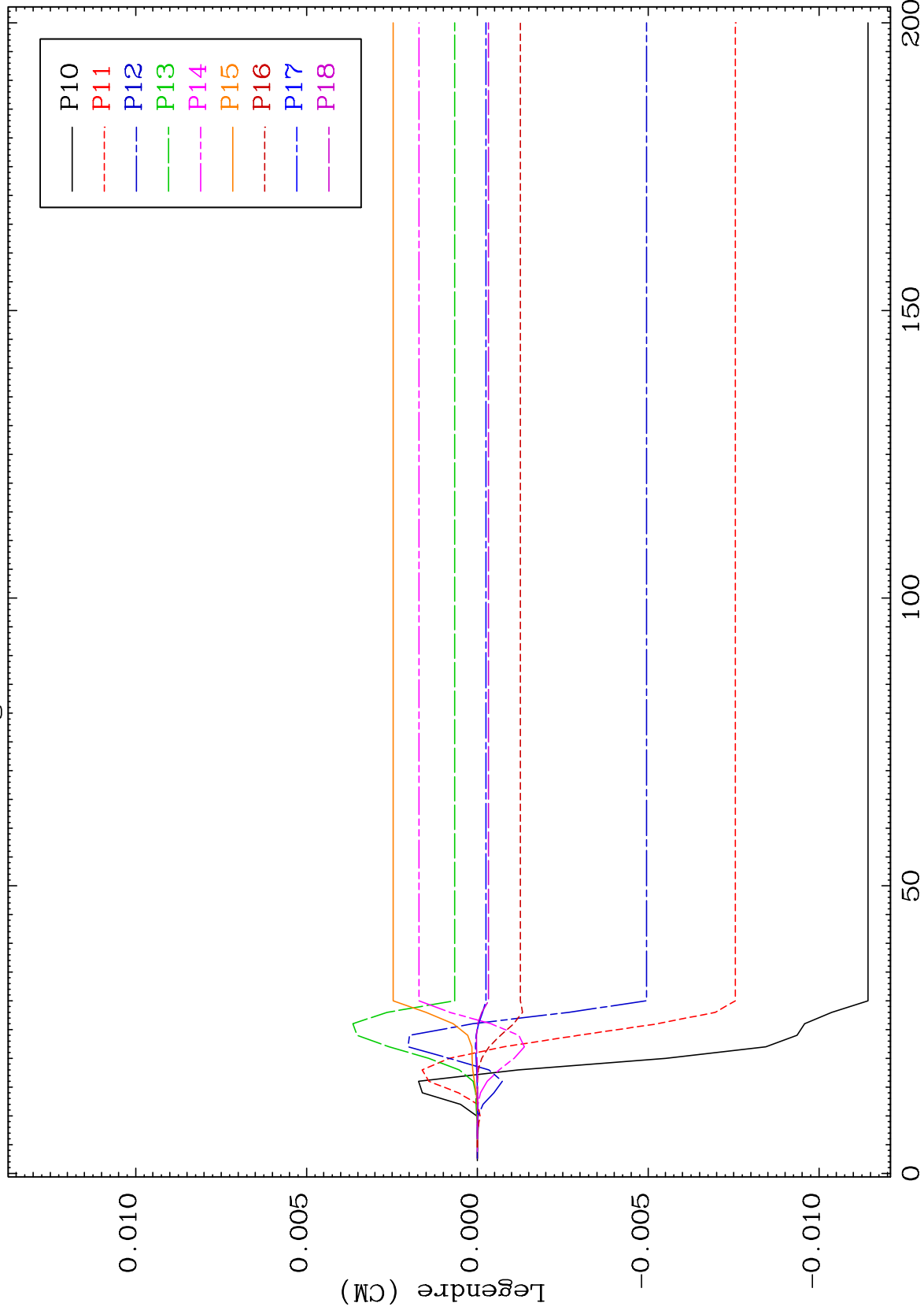
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



95

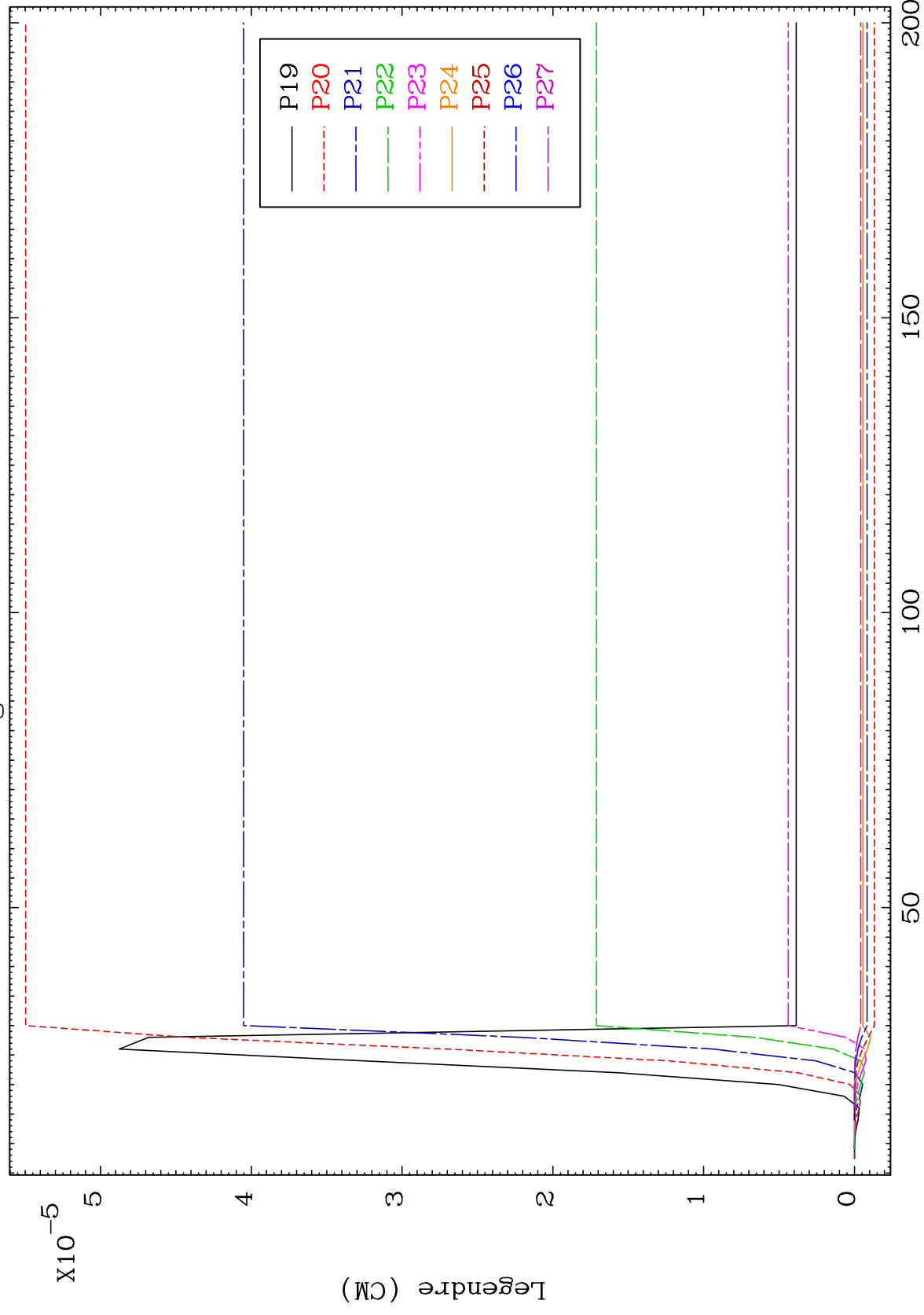
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

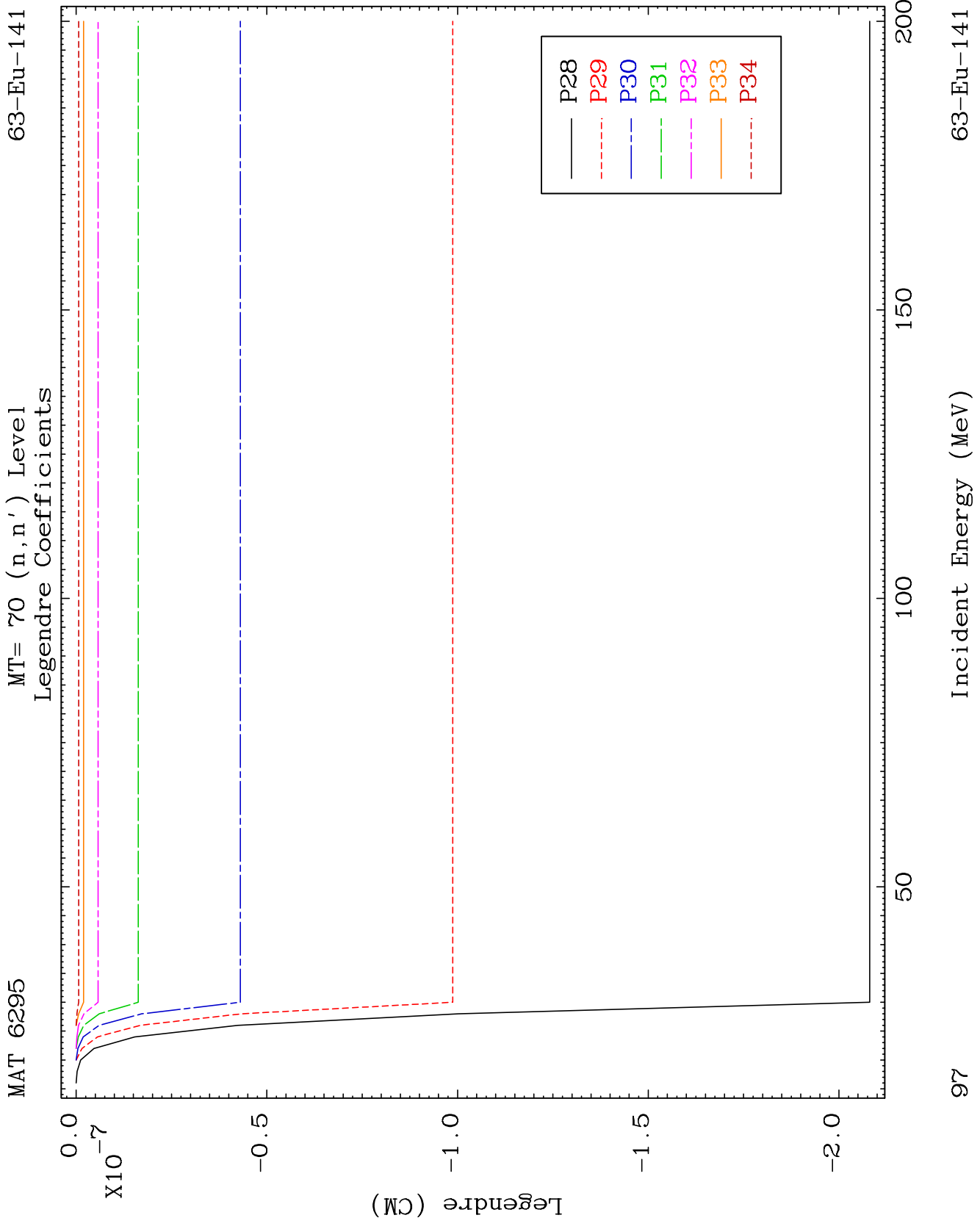
63-Eu-141



96

Incident Energy (MeV)

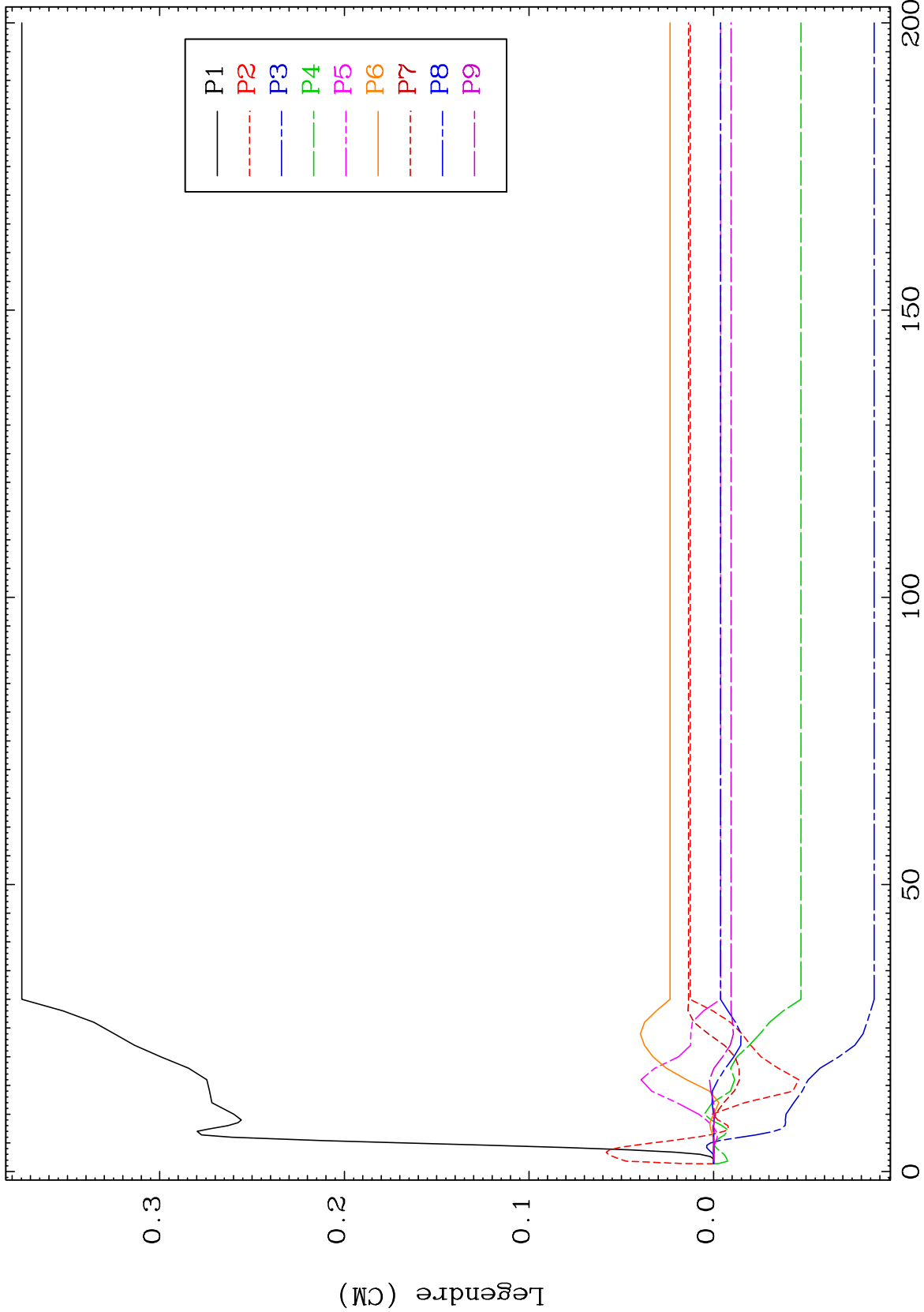
63-Eu-141



MAT 6295

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

63-Eu-141



98

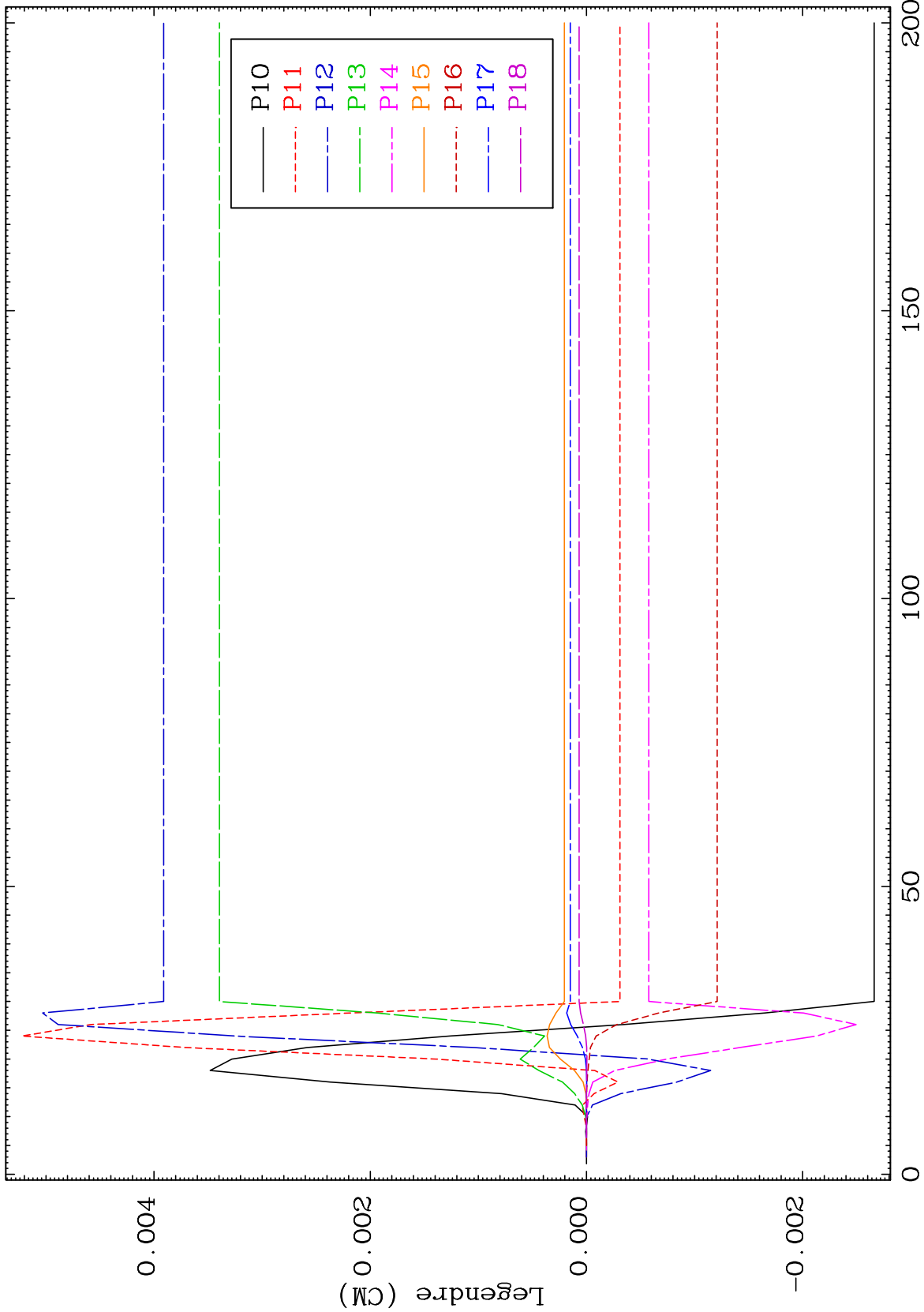
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

63-Eu-141



99

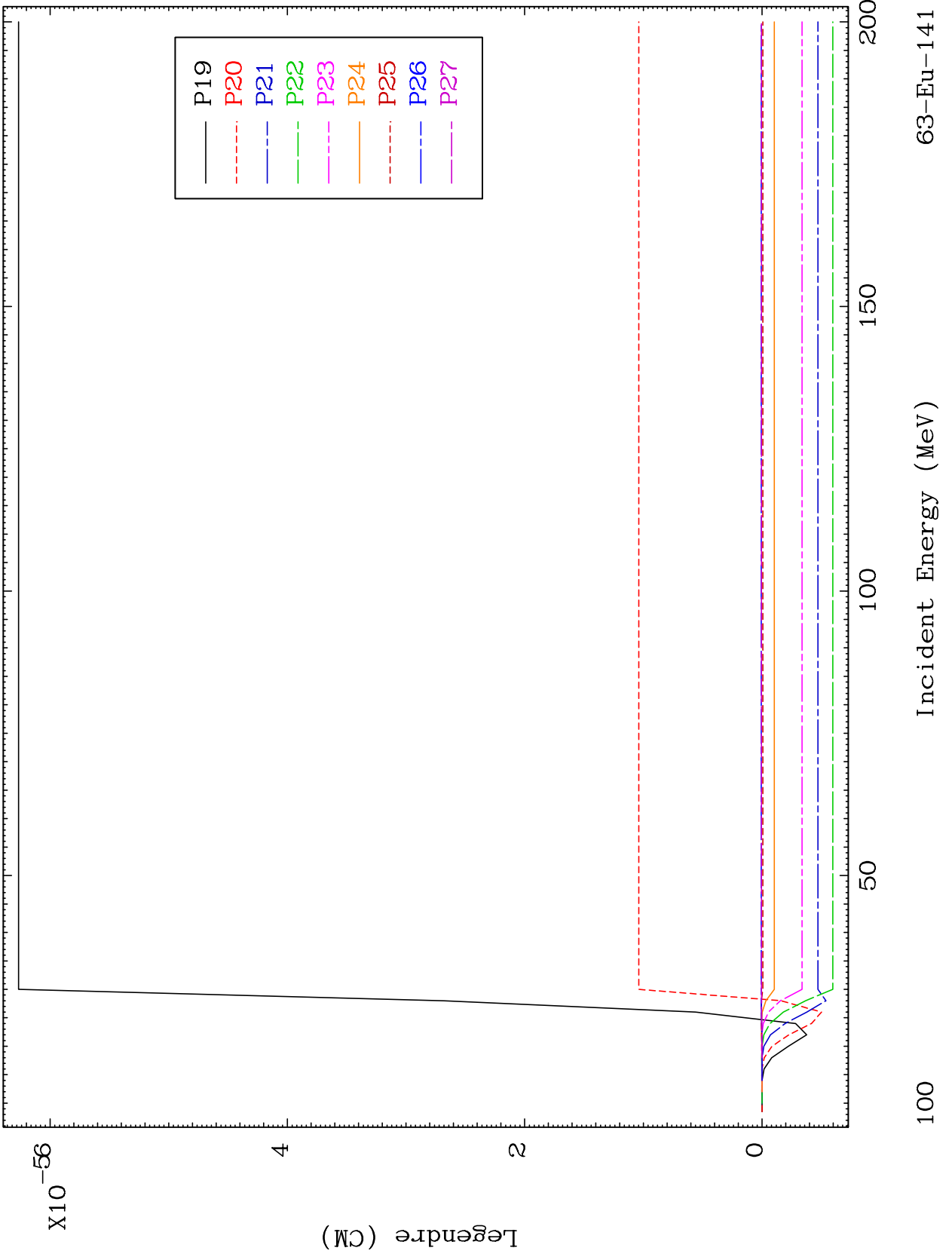
Incident Energy (MeV)

63-Eu-141

MAT 6295

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

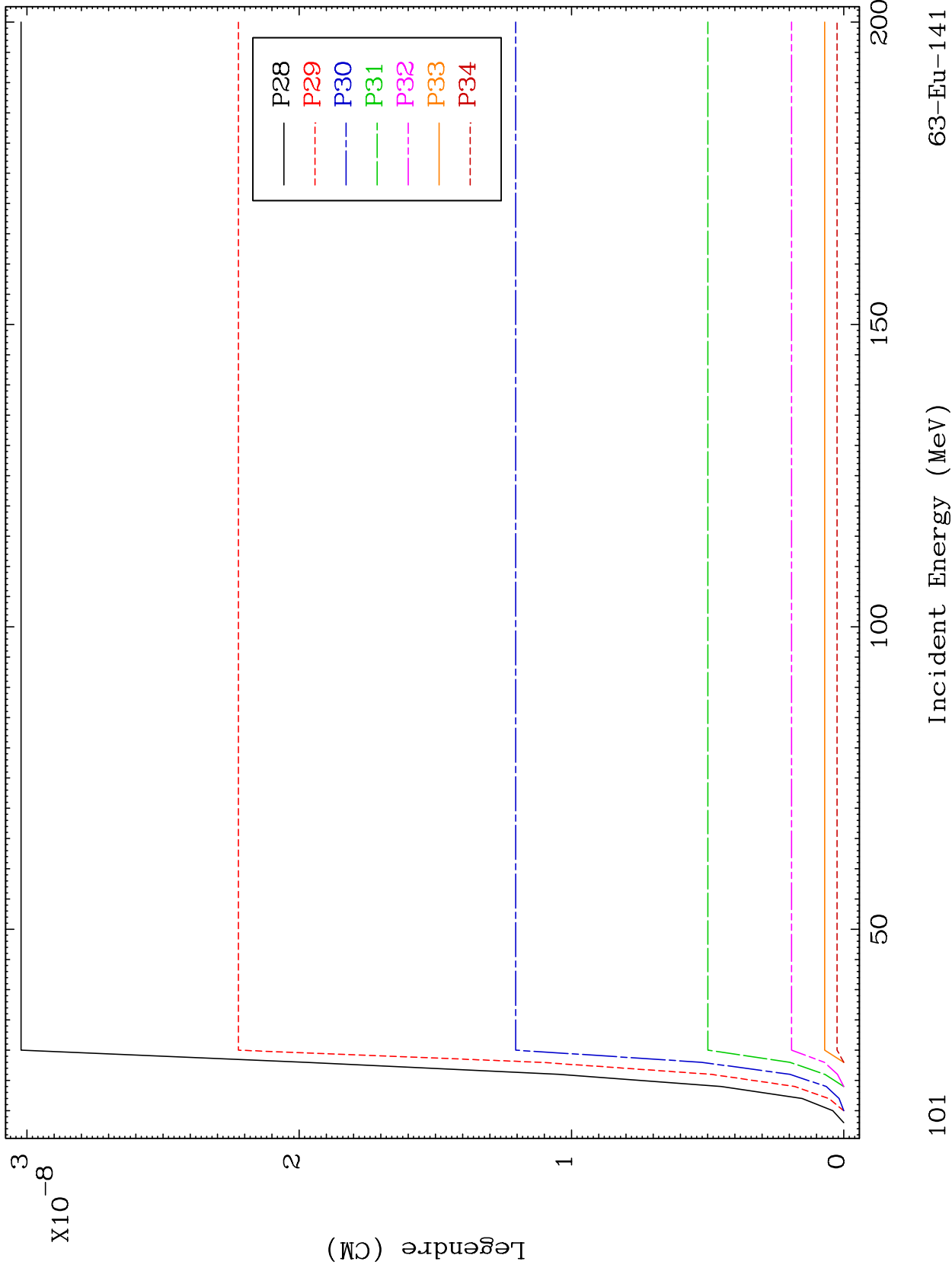
63-Eu-141



MAT 6295

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

63-Eu-141



101

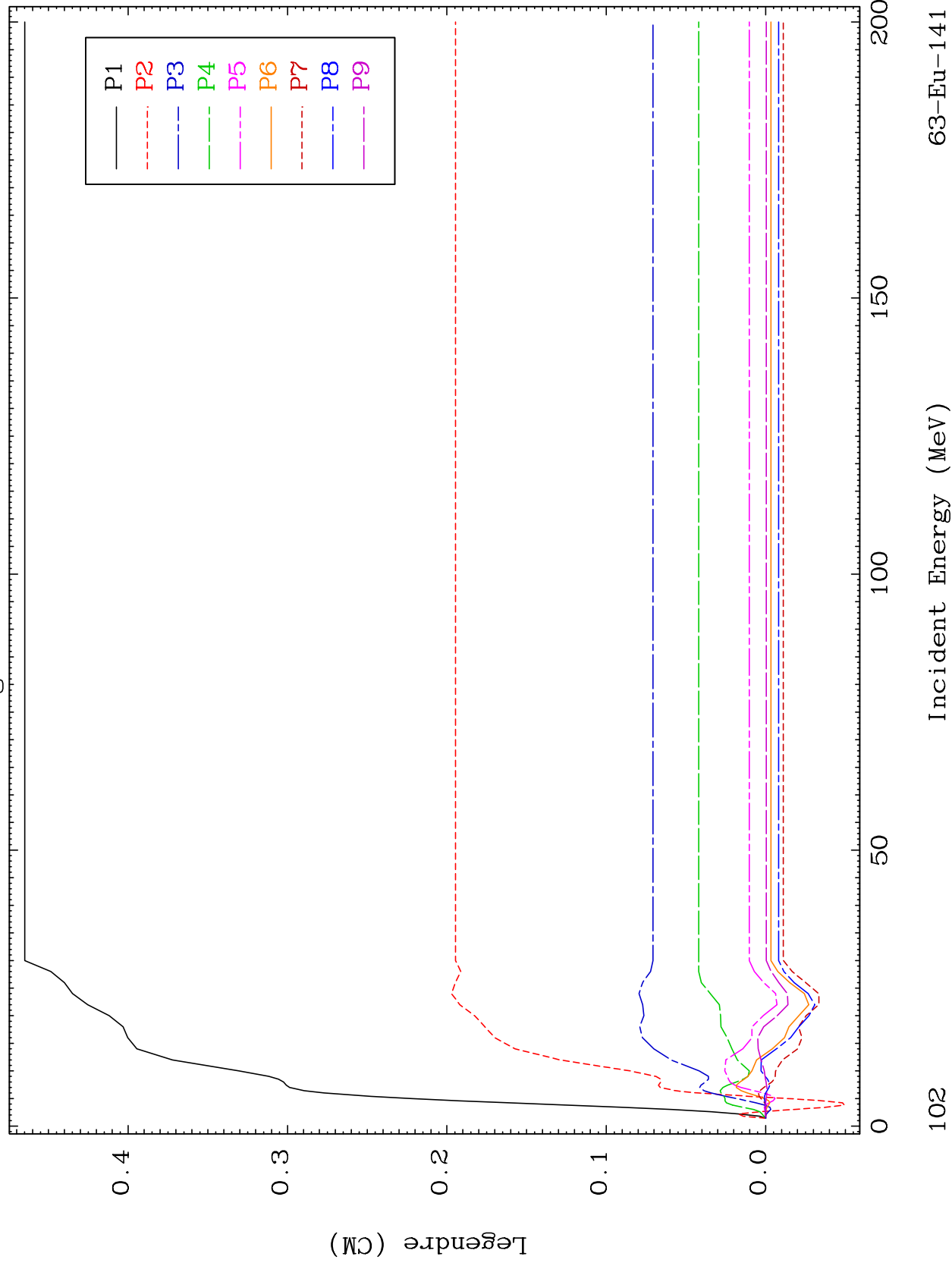
Incident Energy (MeV)

63-Eu-141

MAT 6295

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-141



63-Eu-141

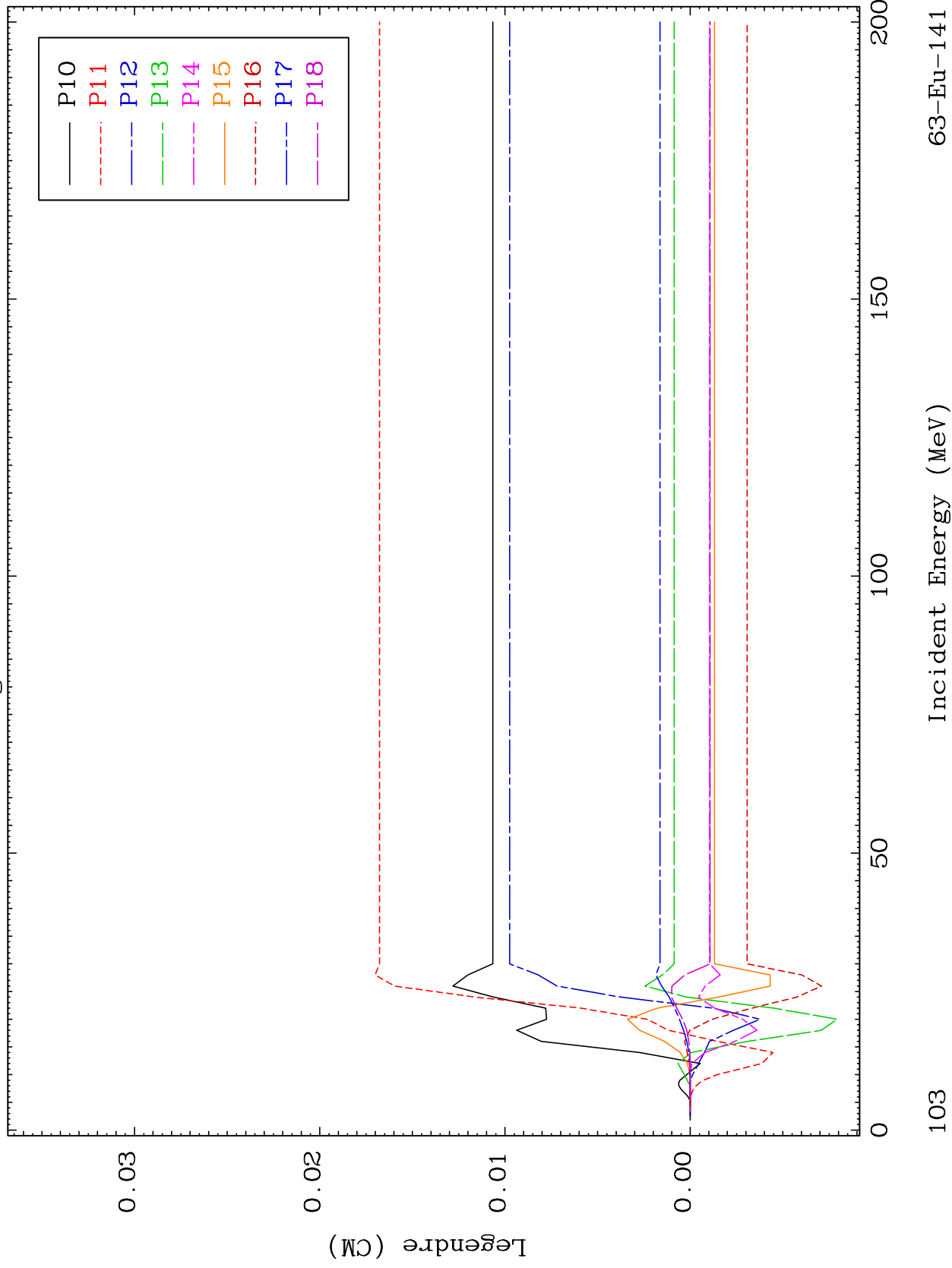
Incident Energy (MeV)

102

MAT 6295

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-141



63-Eu-141

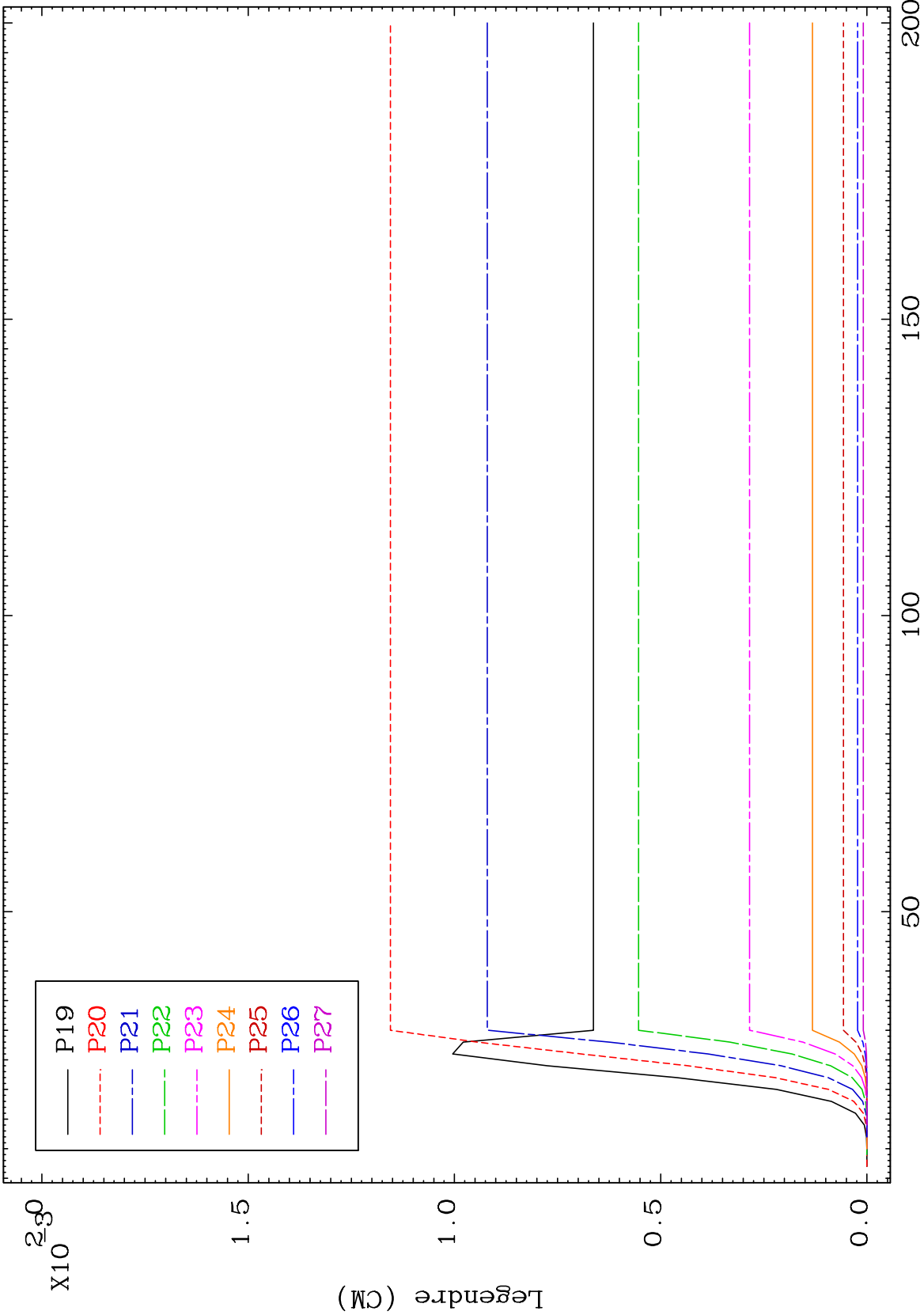
Incident Energy (MeV)

103

MAT 6295

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-141



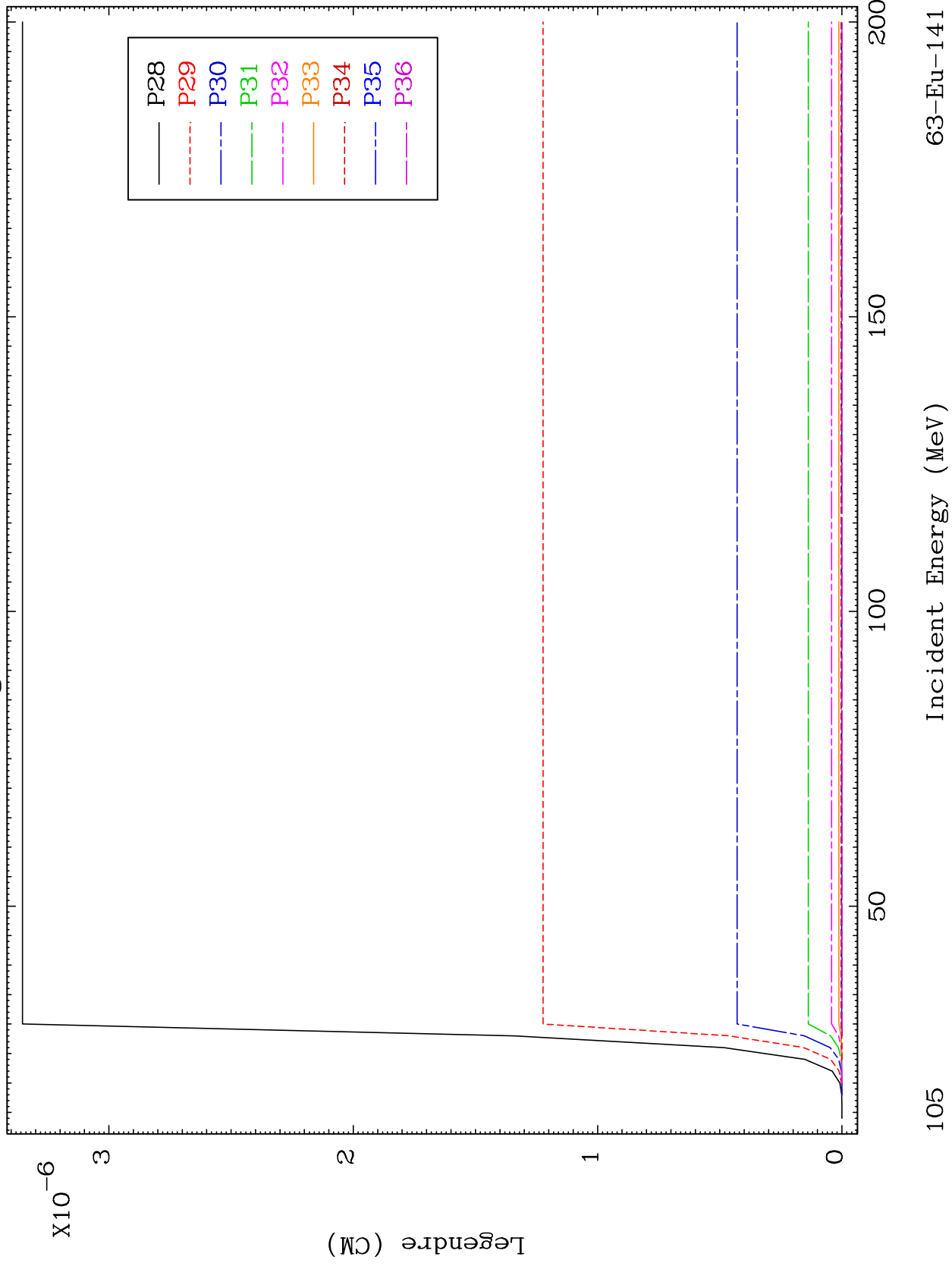
104

63-Eu-141

MAT 6295

MT= 72 (n,n') Level
Legendre Coefficients

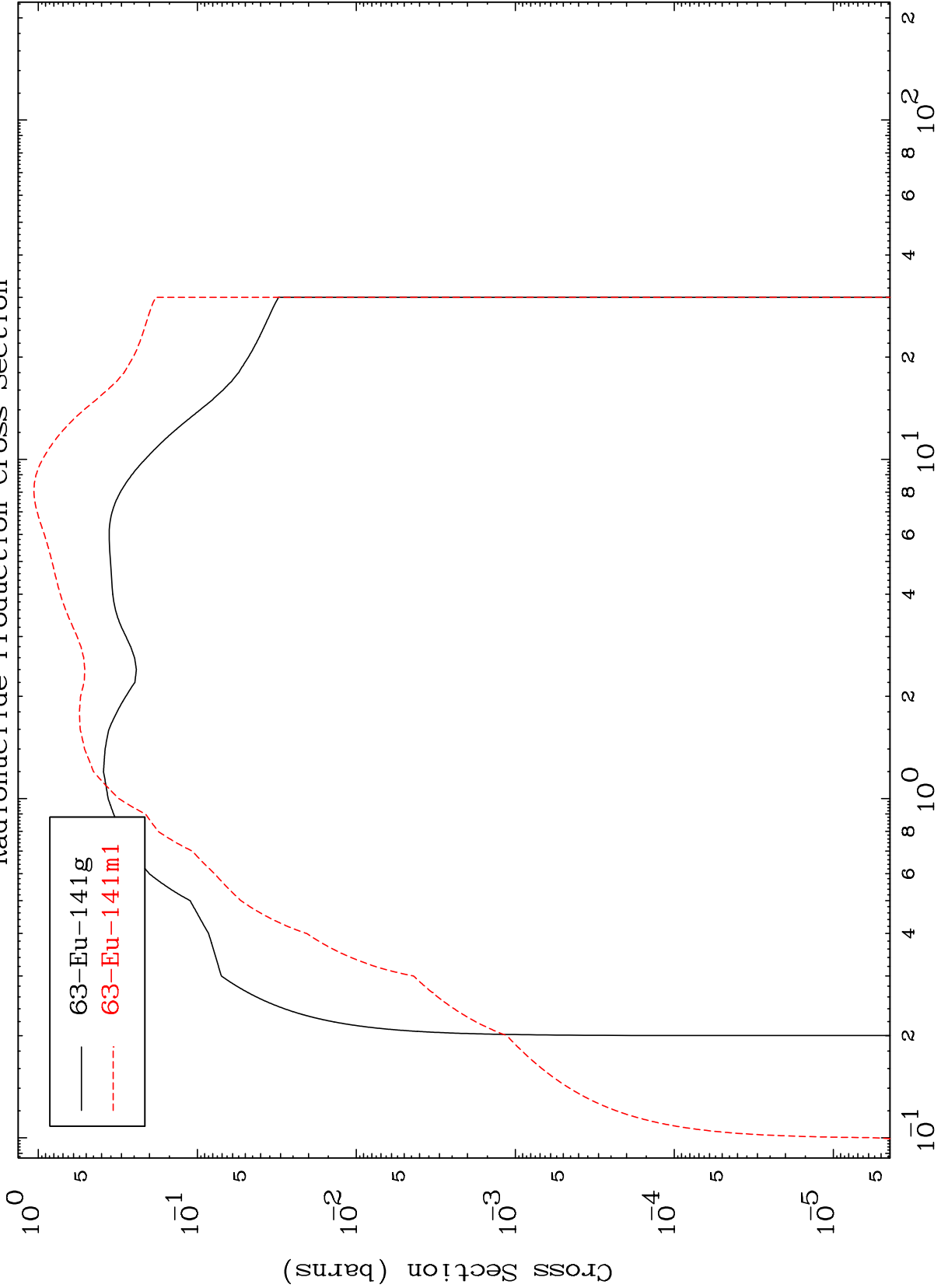
63-Eu-141



MAT 6295

63-Eu-141

Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

63-Eu-141

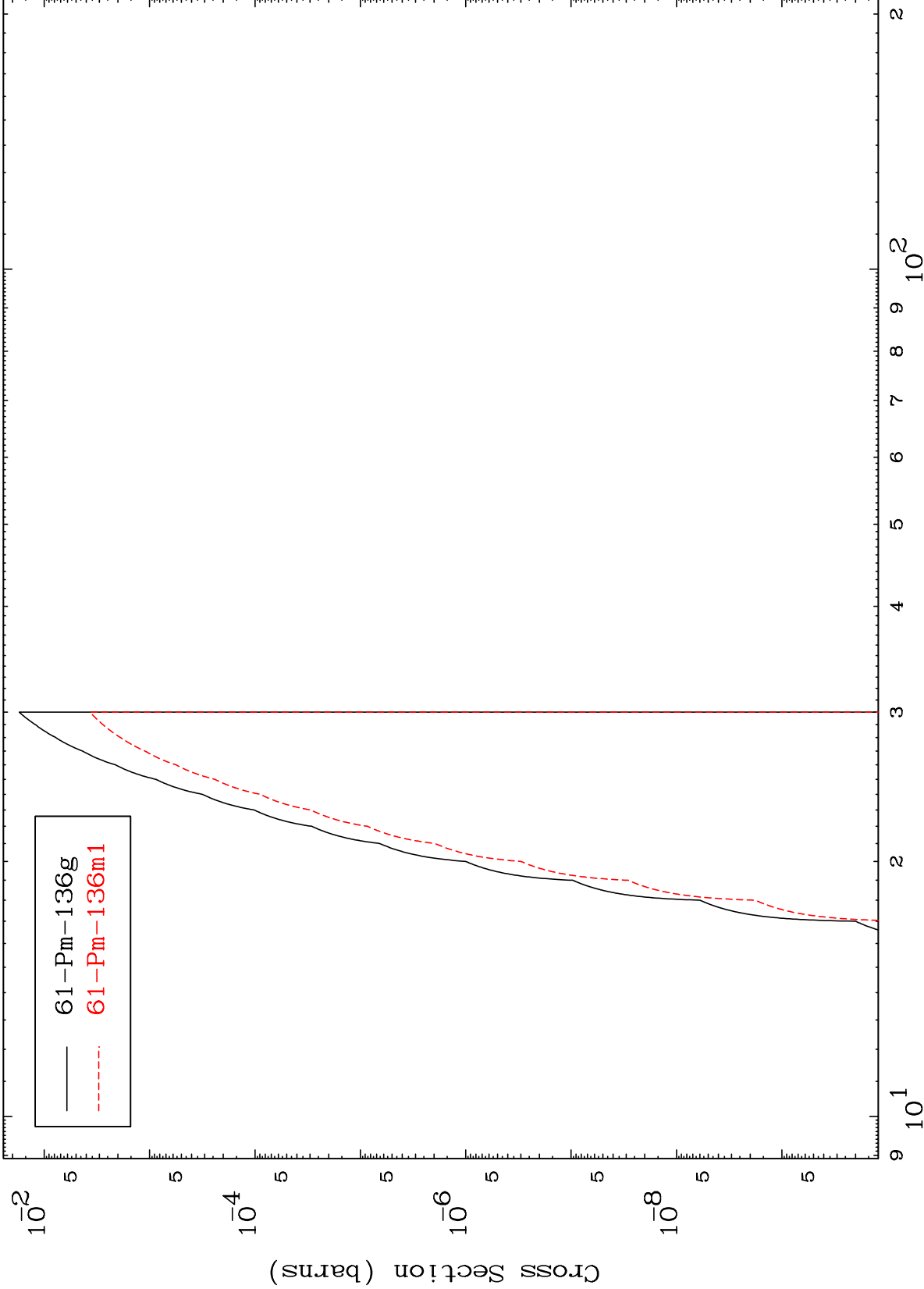
106

MAT 6295

(n,2n) α

63-Eu-141

Radionuclide Production Cross Section



107

Incident Energy (MeV)

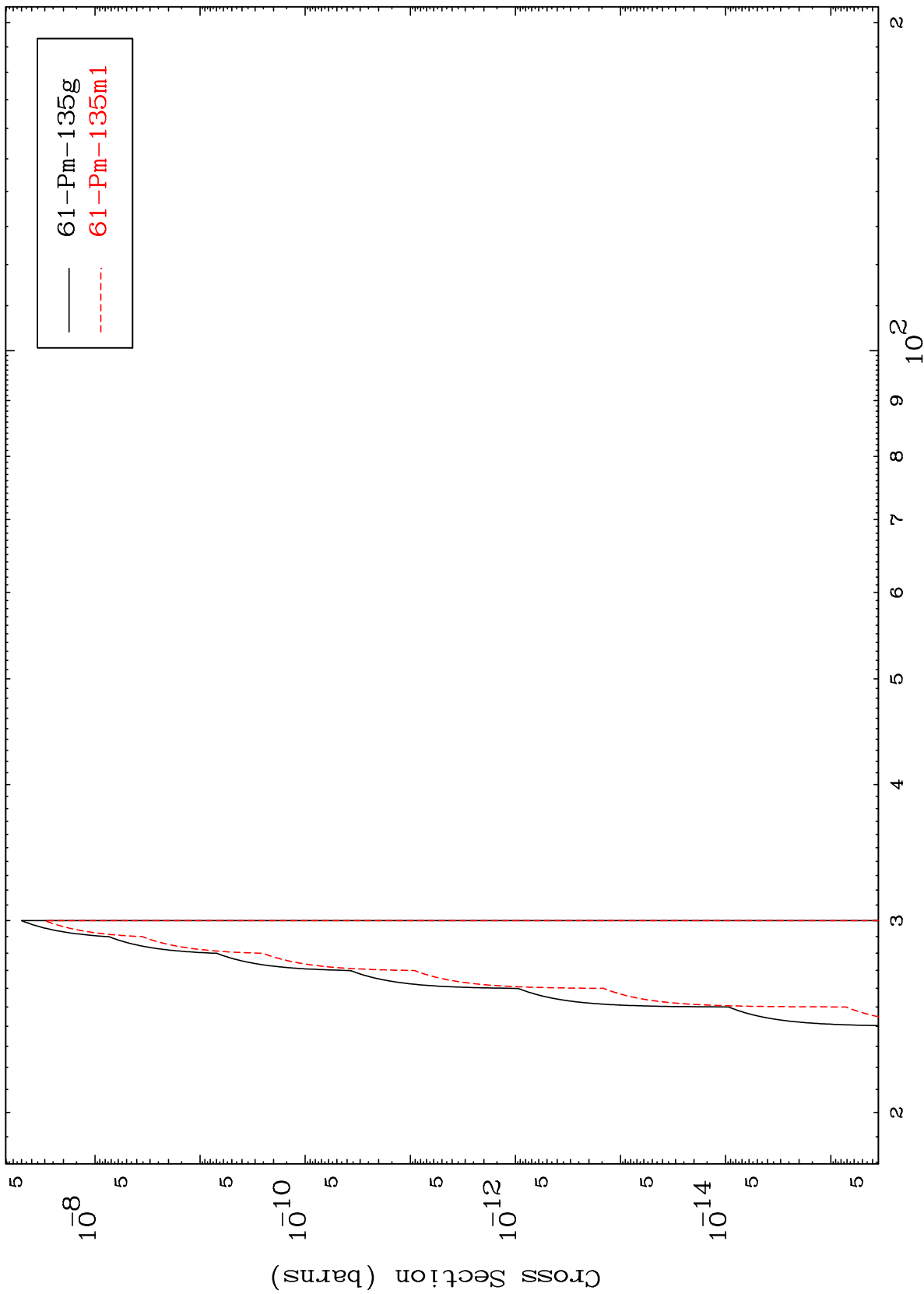
63-Eu-141

MAT 6295

(n,3n) α

63-Eu-141

Radionuclide Production Cross Section



108

Incident Energy (MeV)

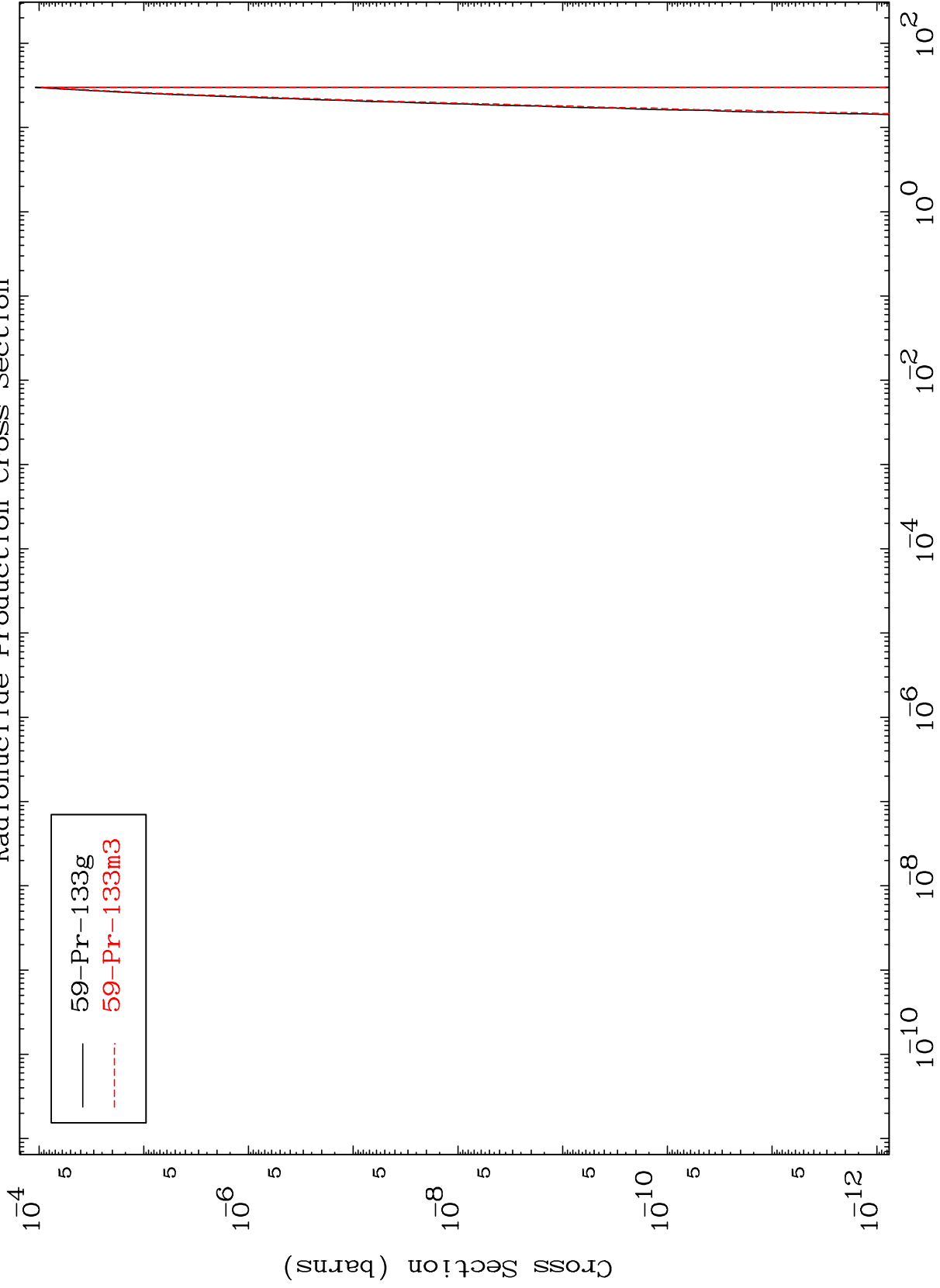
63-Eu-141

MAT 6295

(n,n') 2 α

63-Eu-141

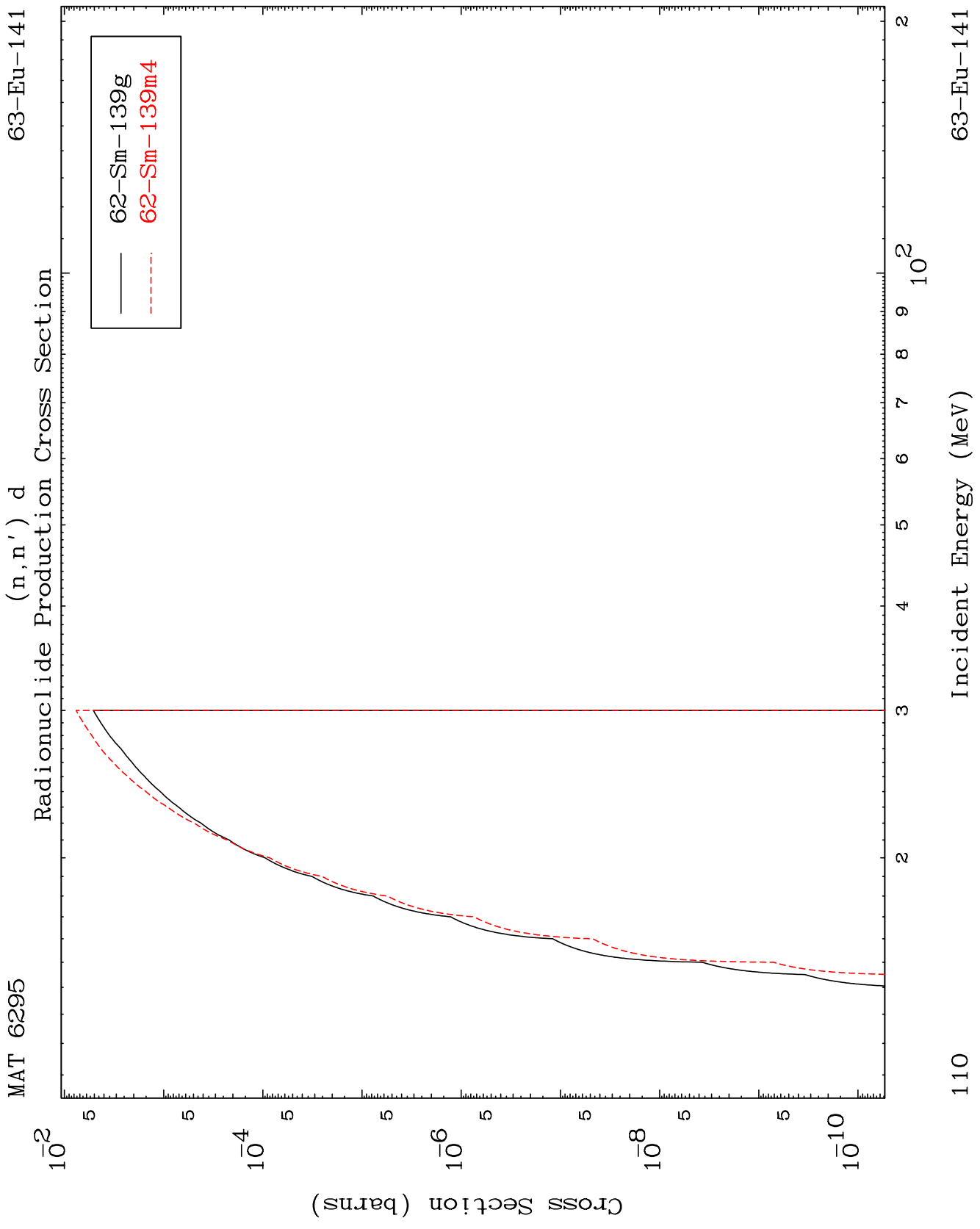
Radionuclide Production Cross Section



109

Incident Energy (MeV)

63-Eu-141



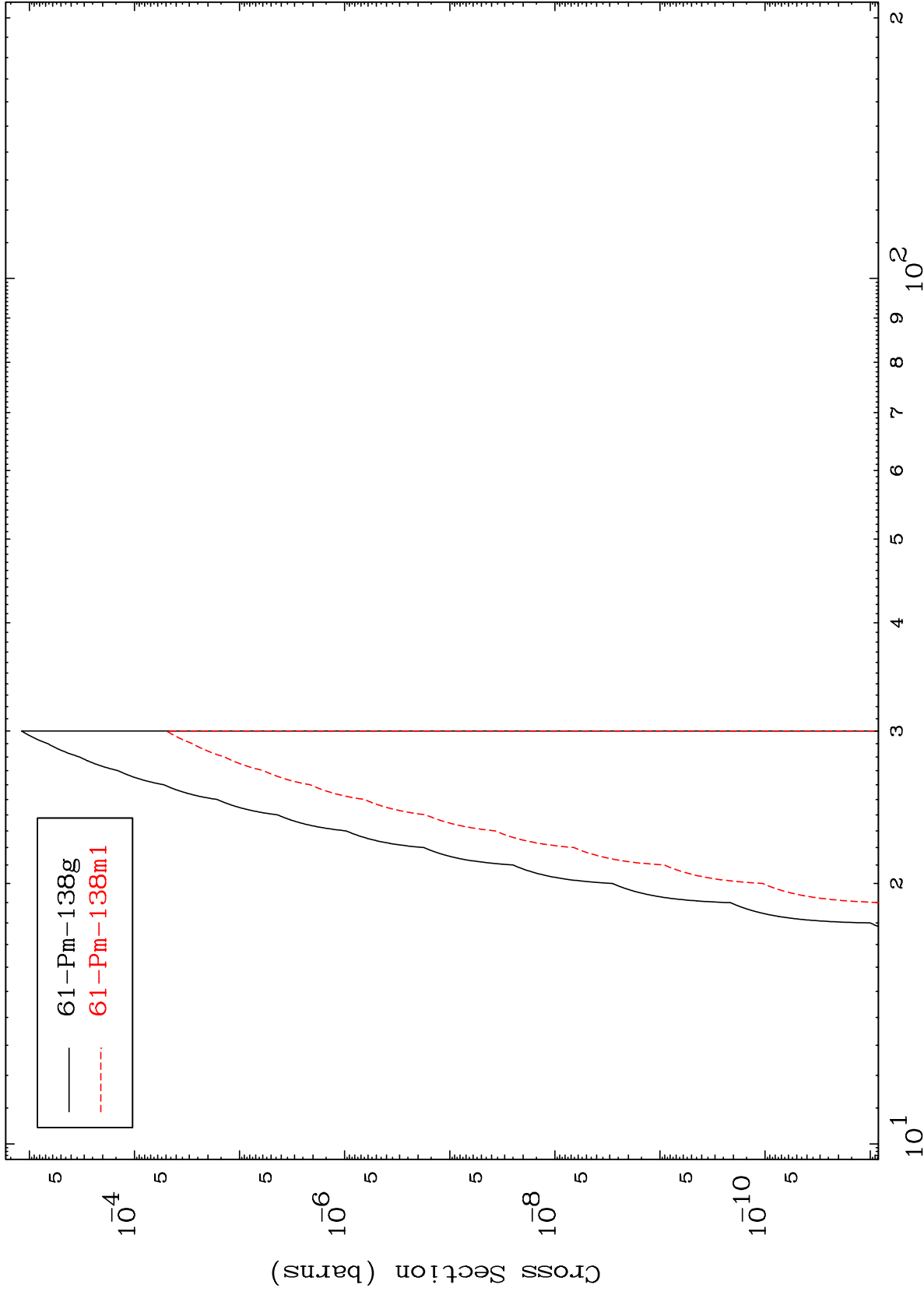
62-Sm-139g
62-Sm-139m4

MAT 6295

(n,n') He-3

63-Eu-141

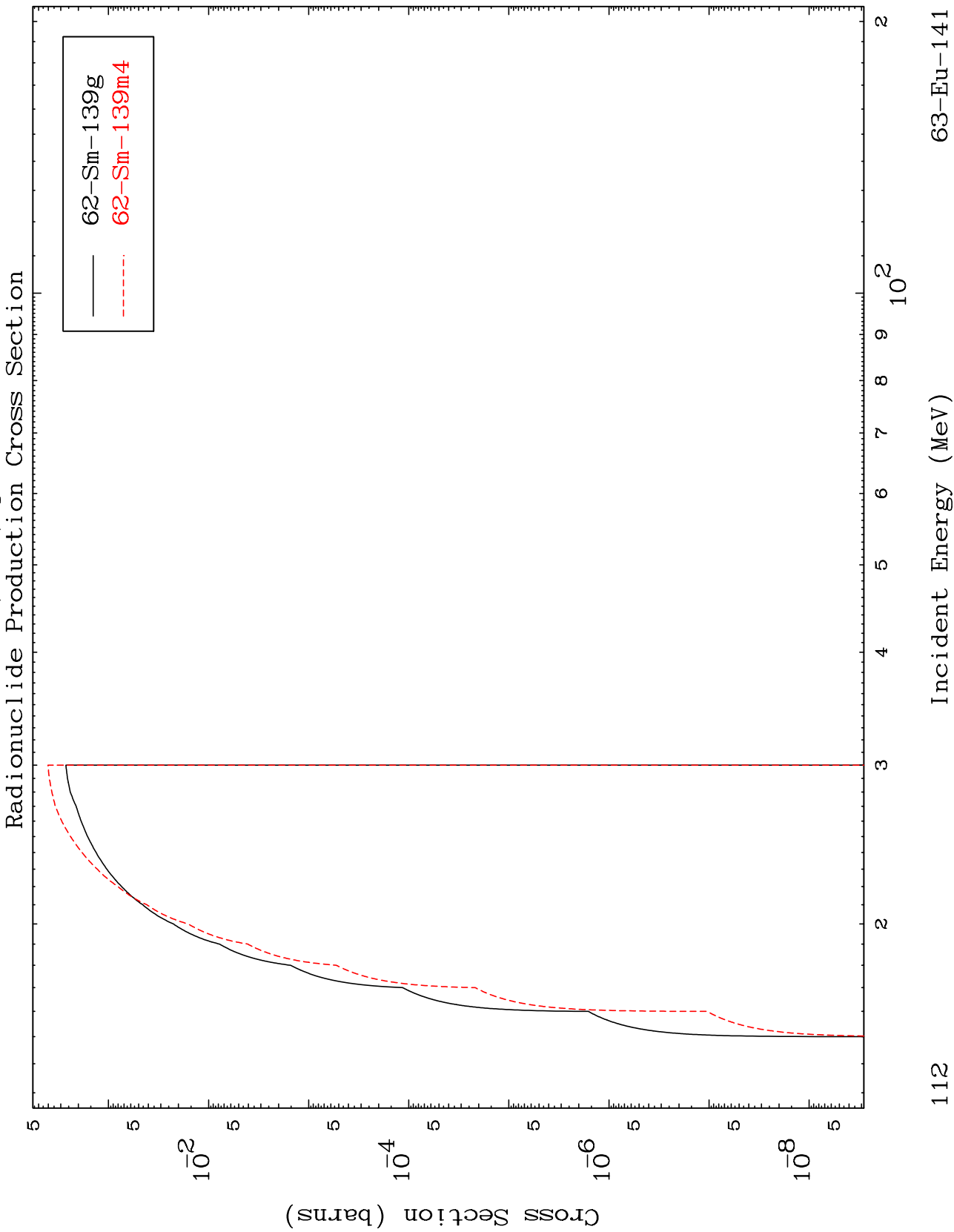
Radionuclide Production Cross Section



111

Incident Energy (MeV)

63-Eu-141

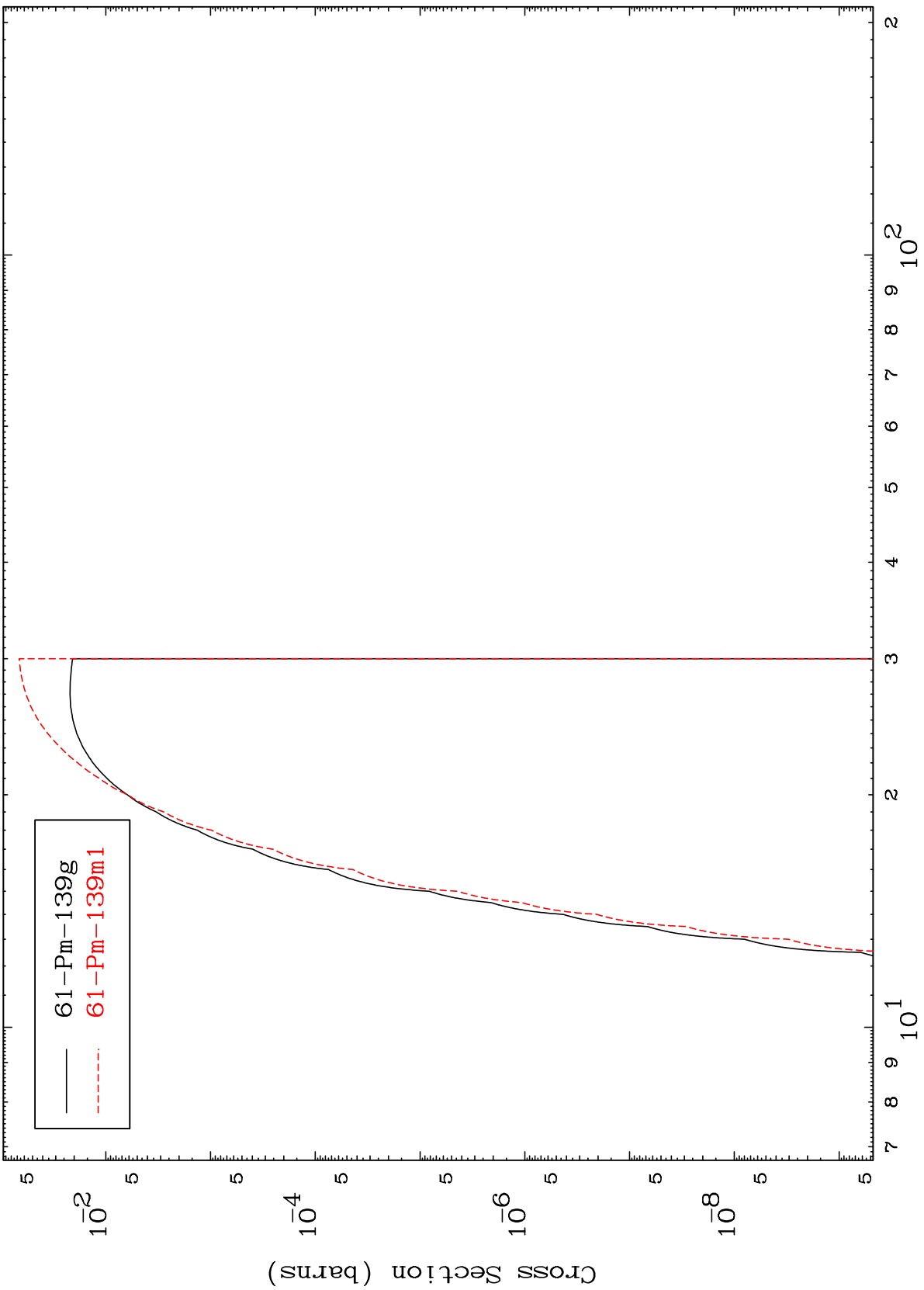


MAT 6295

(n,2n) p

63-Eu-141

Radionuclide Production Cross Section



113

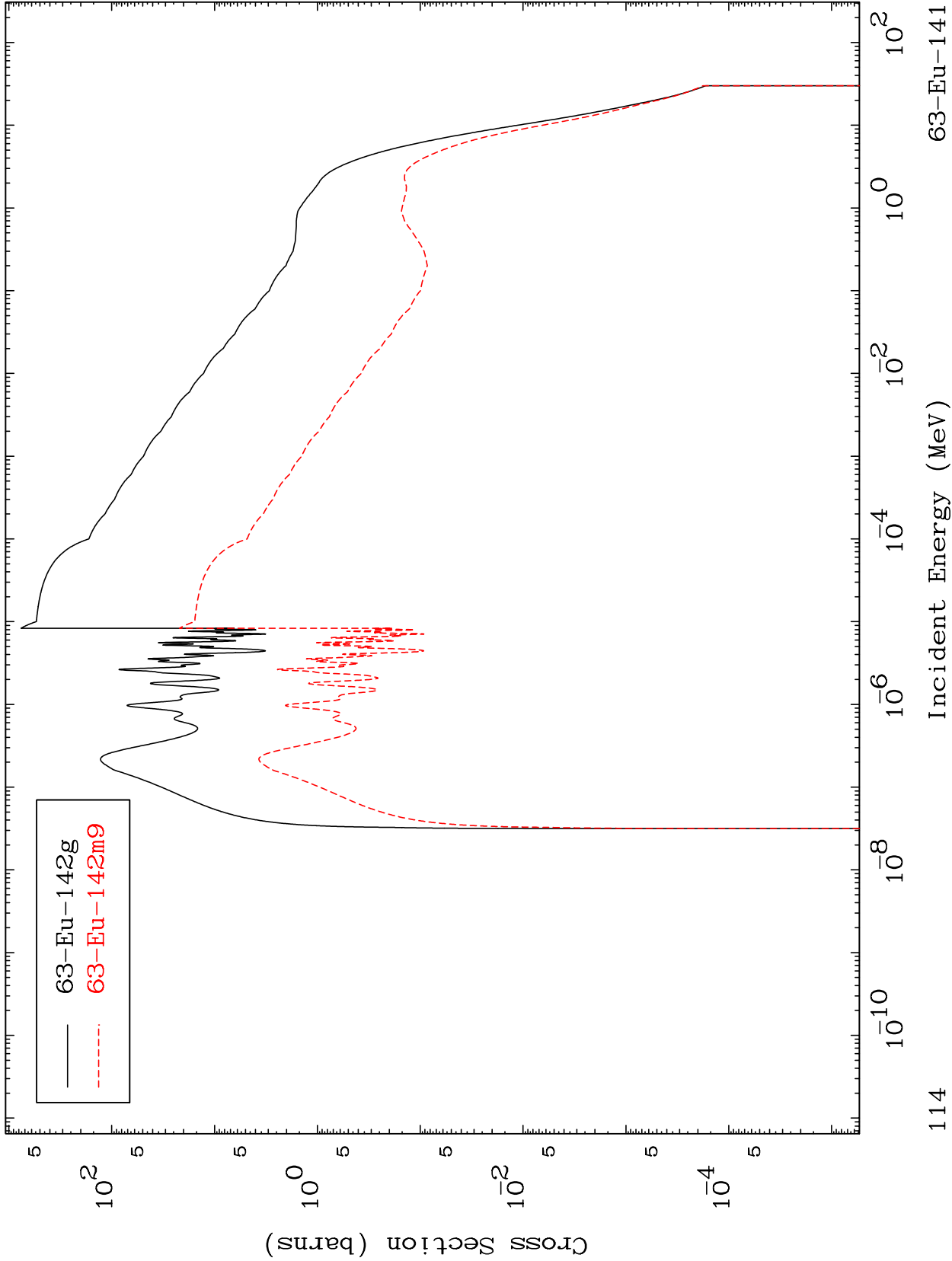
Incident Energy (MeV)

63-Eu-141

MAT 6295

63-Eu-141

Radionuclide Production Cross Section
(n, γ)



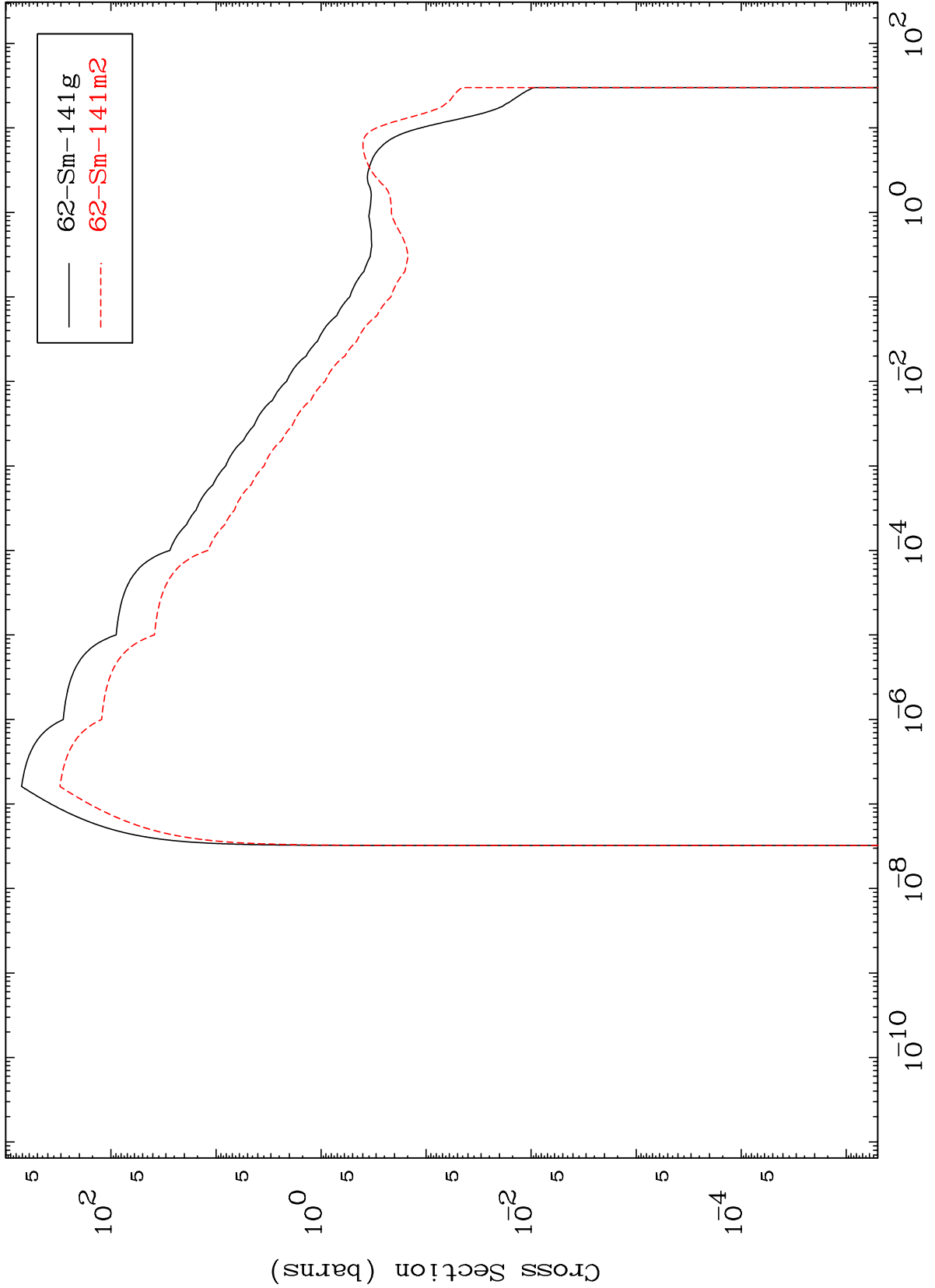
114

63-Eu-141

MAT 6295

63-Eu-141

(n,p)
Radionuclide Production Cross Section

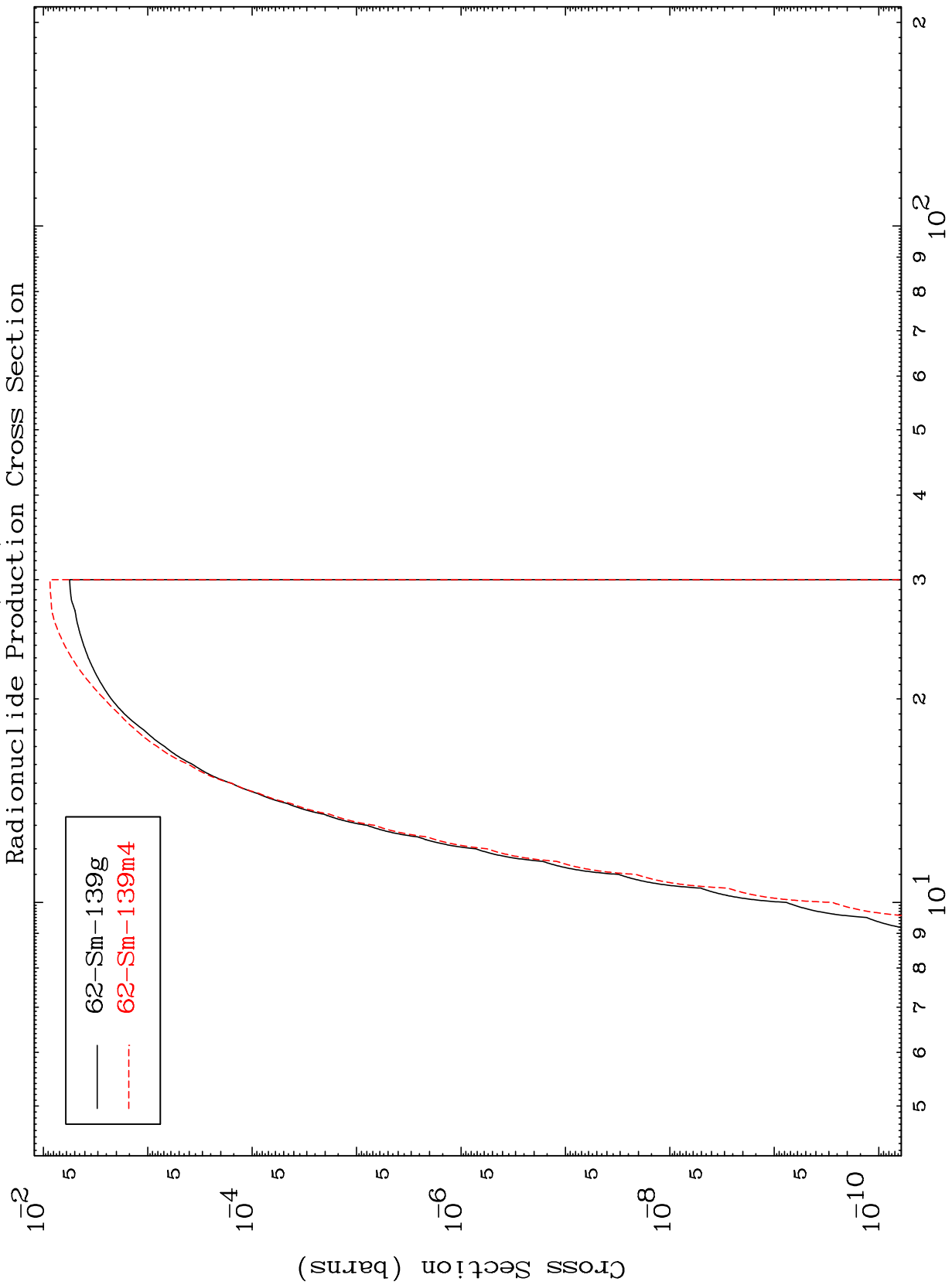


115

63-Eu-141

MAT 6295

63-Eu-141

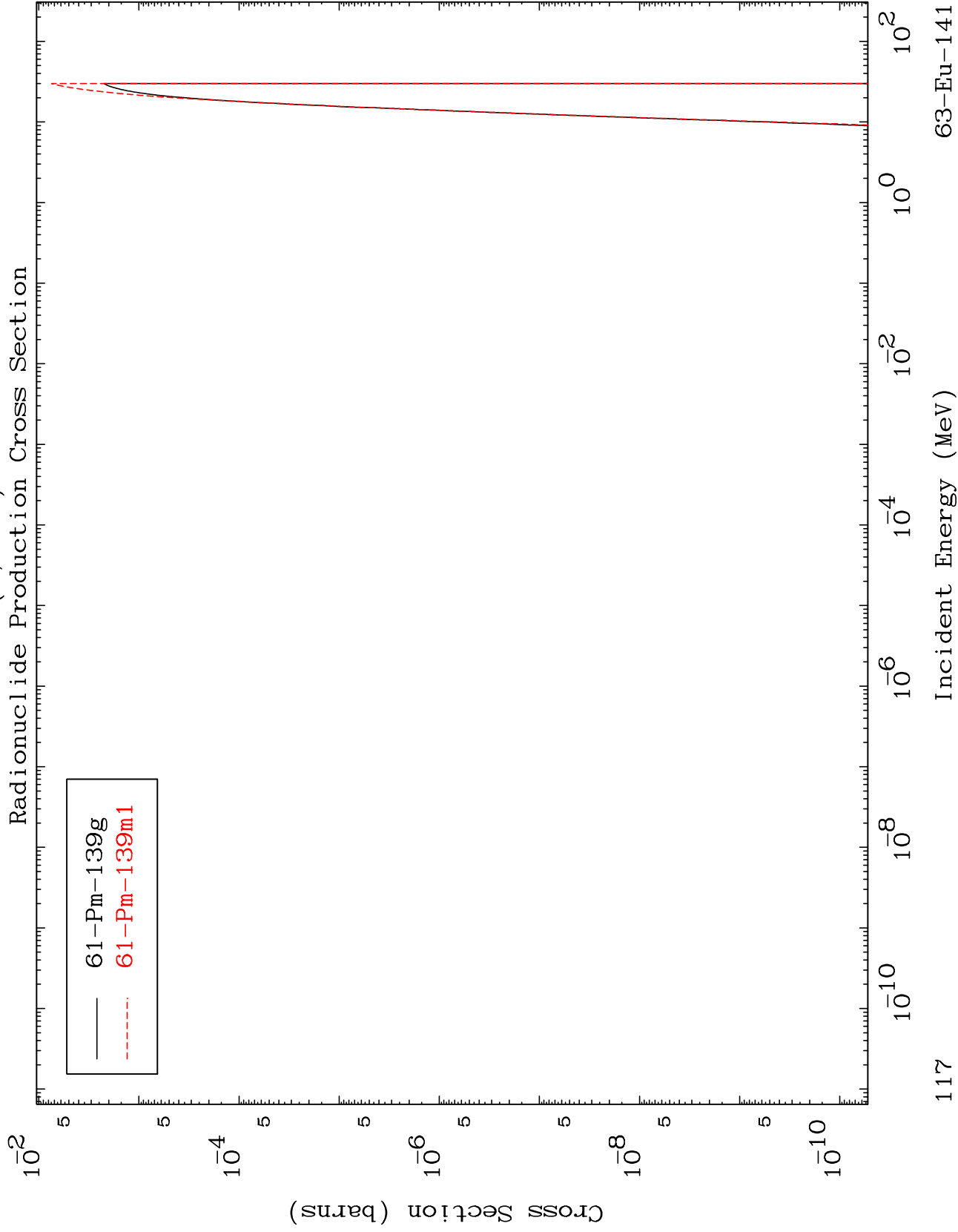


MAT 6295

(n,He-3)

63-Eu-141

Radionuclide Production Cross Section



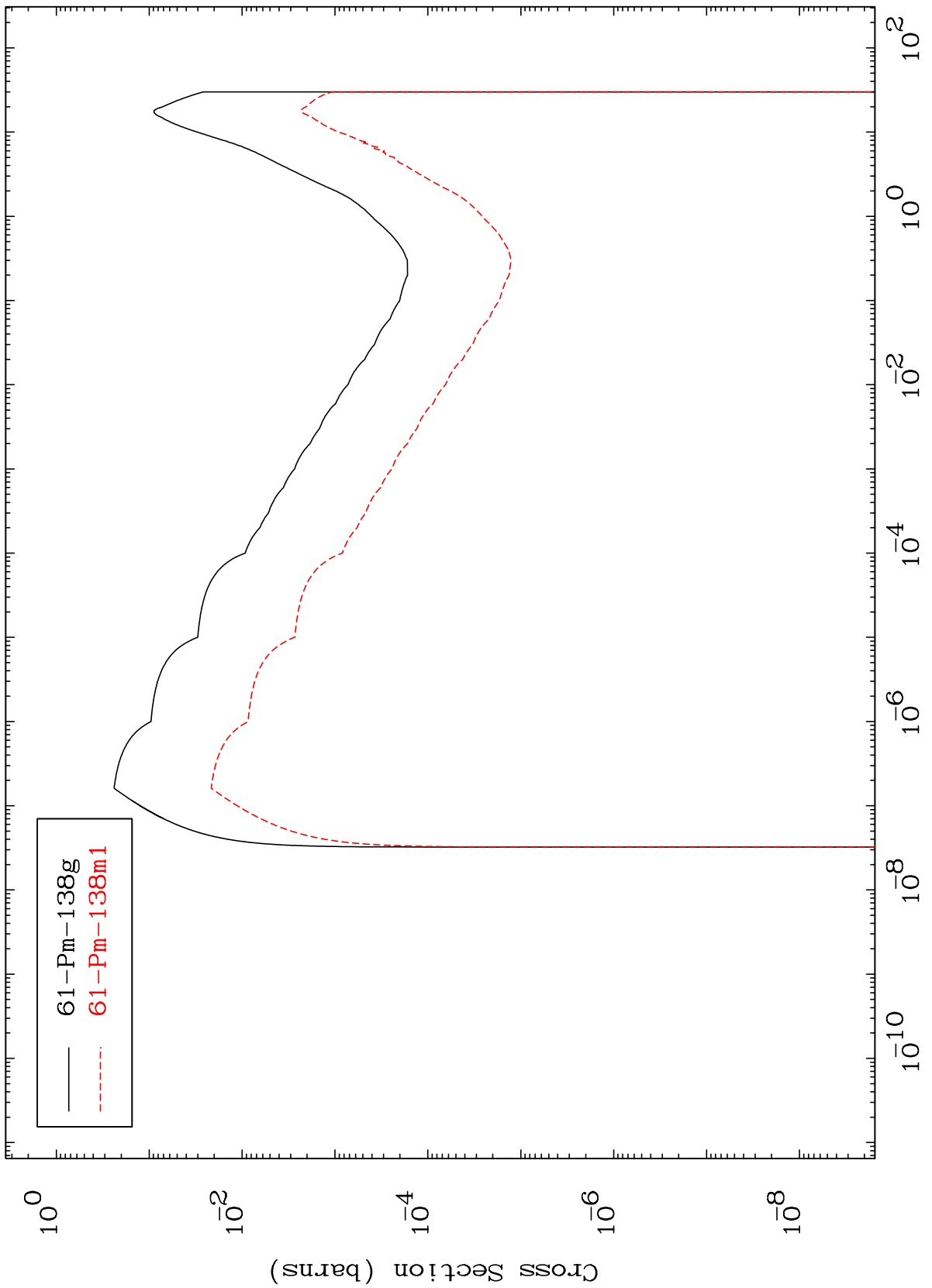
117

63-Eu-141

MAT 6295

63-Eu-141

(n, α)
Radionuclide Production Cross Section



118

63-Eu-141

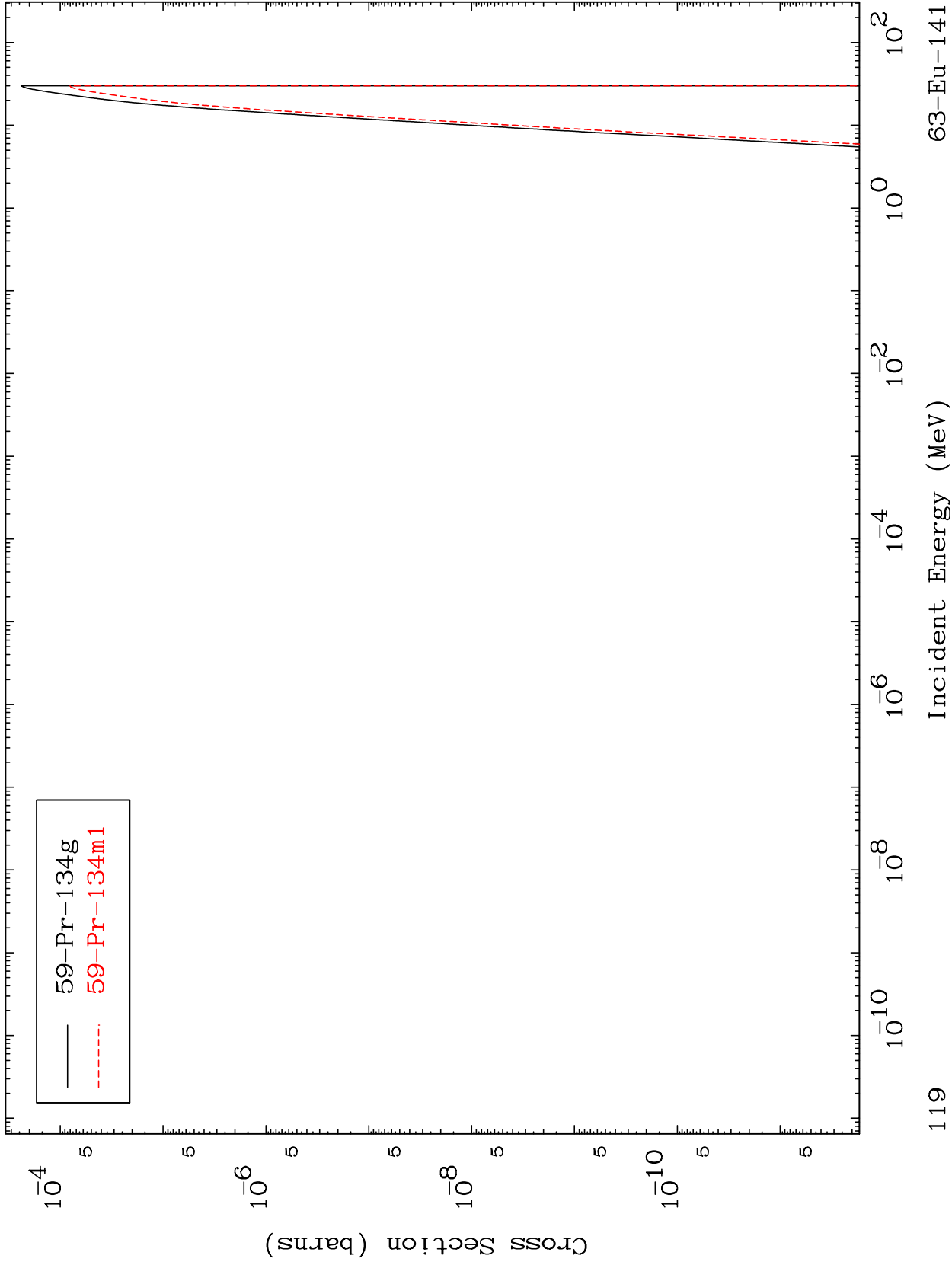
Incident Energy (MeV)

MAT 6295

(n,2α)

63-Eu-141

Radionuclide Production Cross Section

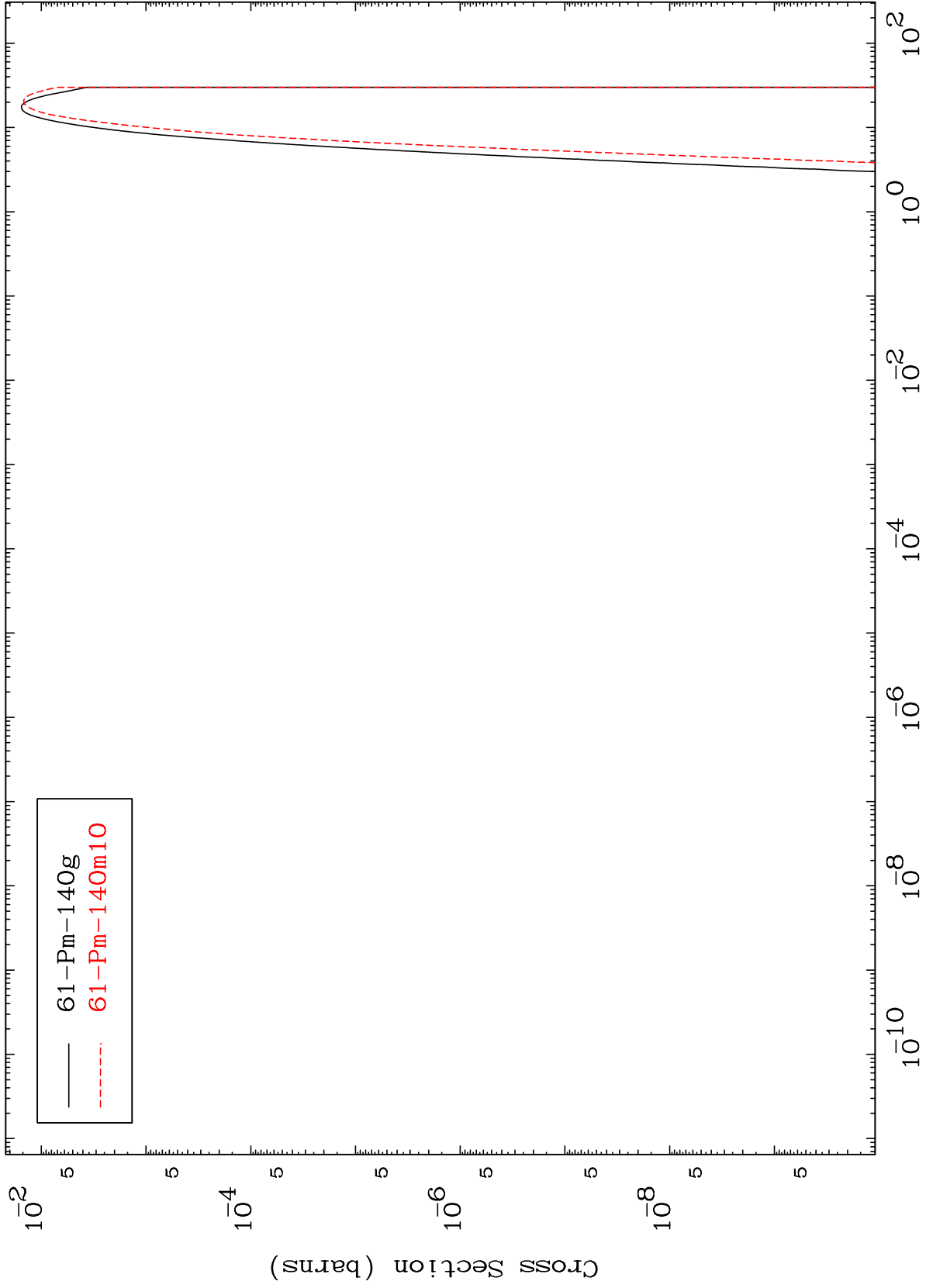


MAT 6295

(n,2p)

63-Eu-141

Radionuclide Production Cross Section



120

Incident Energy (MeV)

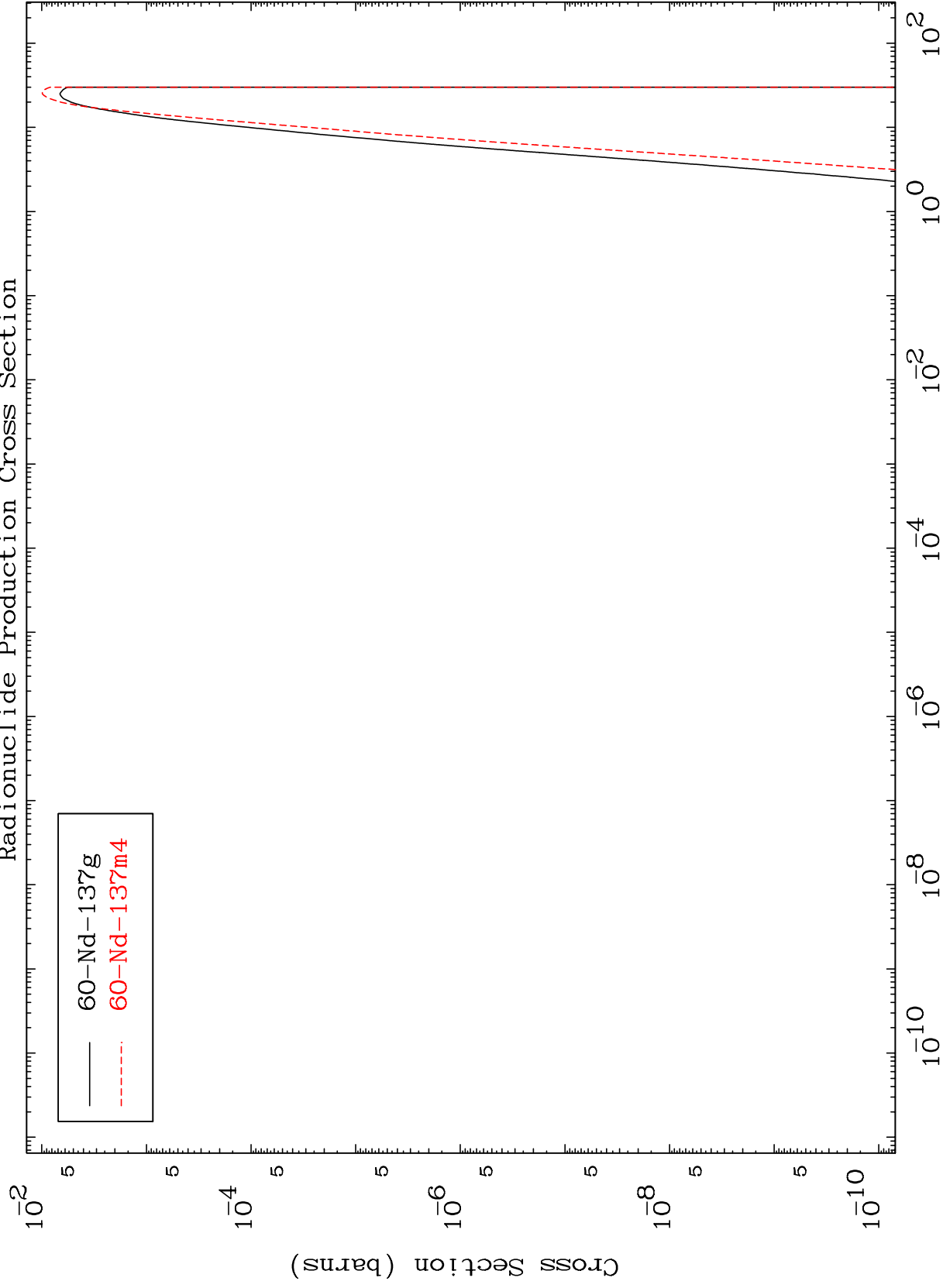
63-Eu-141

MAT 6295

(n,p) α

63-Eu-141

Radionuclide Production Cross Section



121

Incident Energy (MeV)

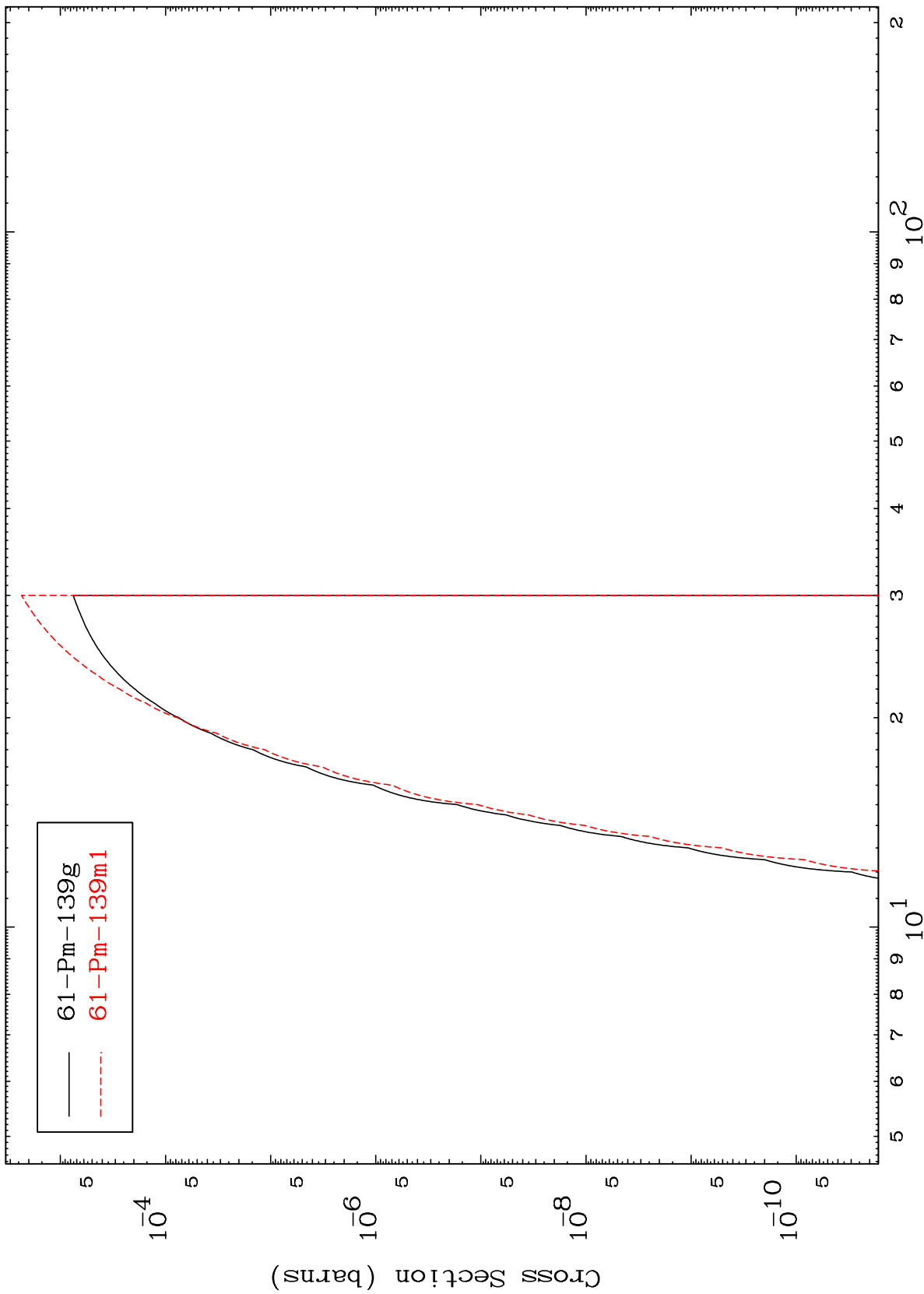
63-Eu-141

MAT 6295

(n,p) d

63-Eu-141

Radionuclide Production Cross Section



122

Incident Energy (MeV)

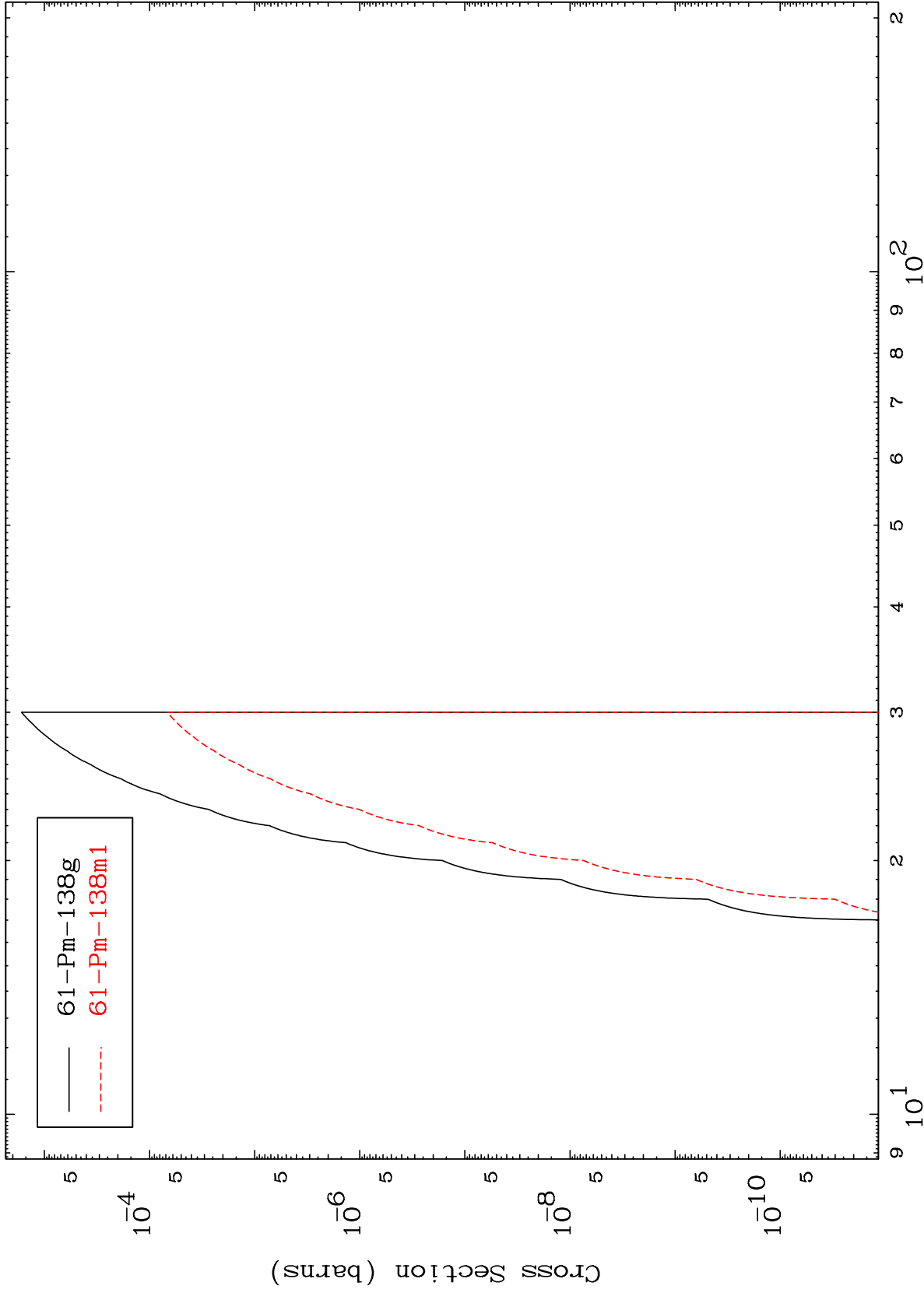
63-Eu-141

MAT 6295

(n,p) t

63-Eu-141

Radionuclide Production Cross Section



123

Incident Energy (MeV)

63-Eu-141