

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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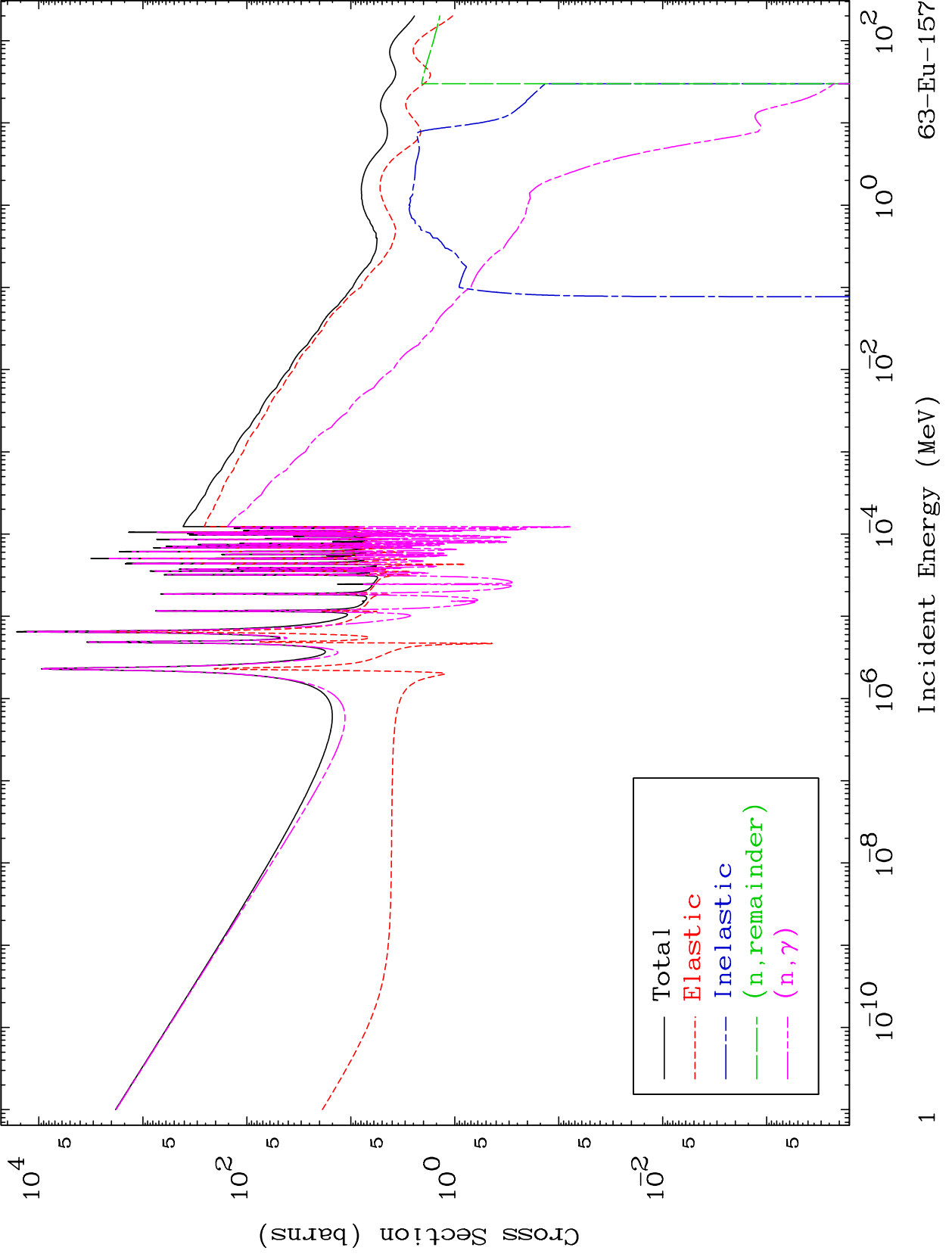
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6343

Major
293 Kelvin Cross Sections

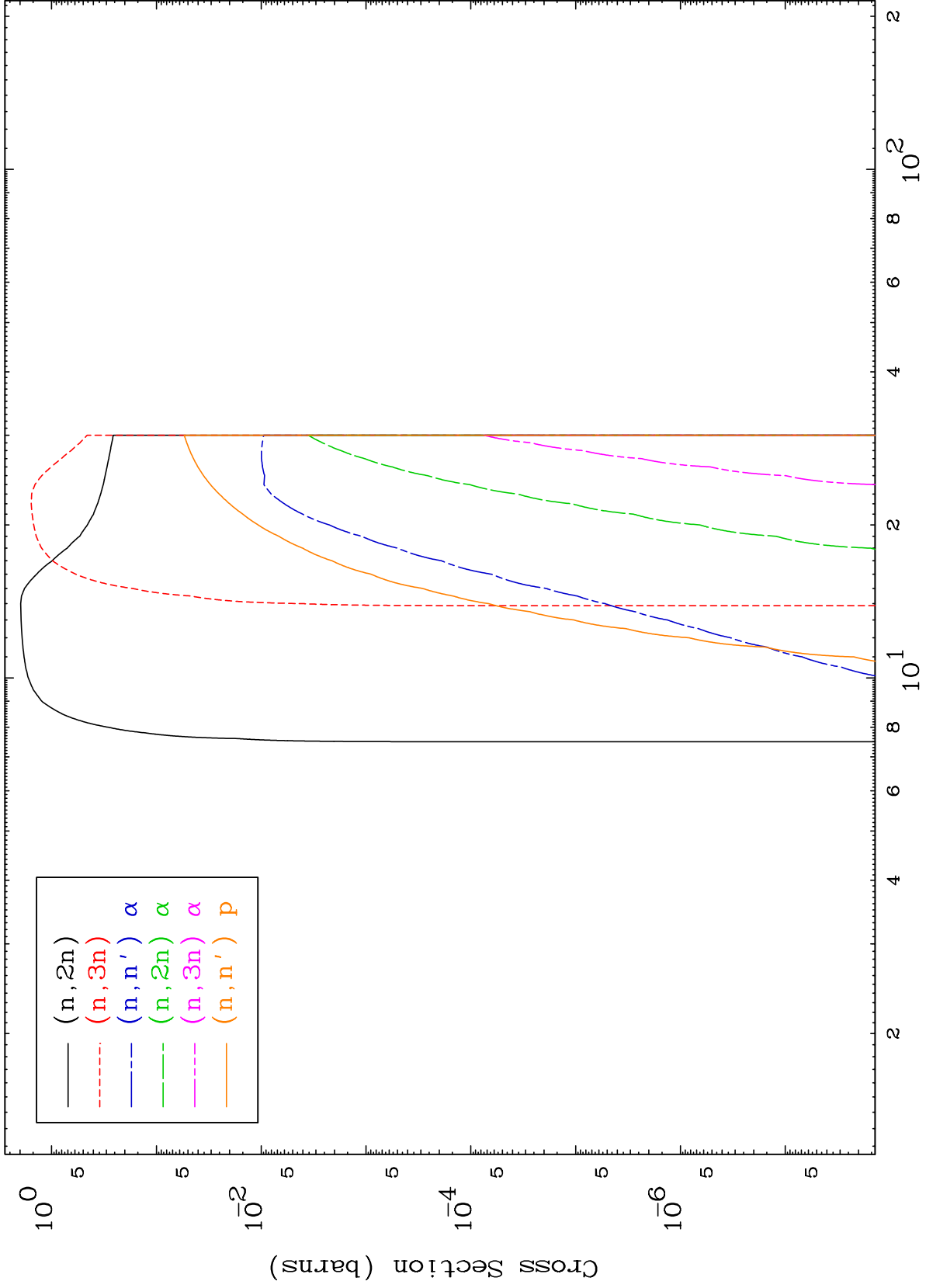
63-Eu-157

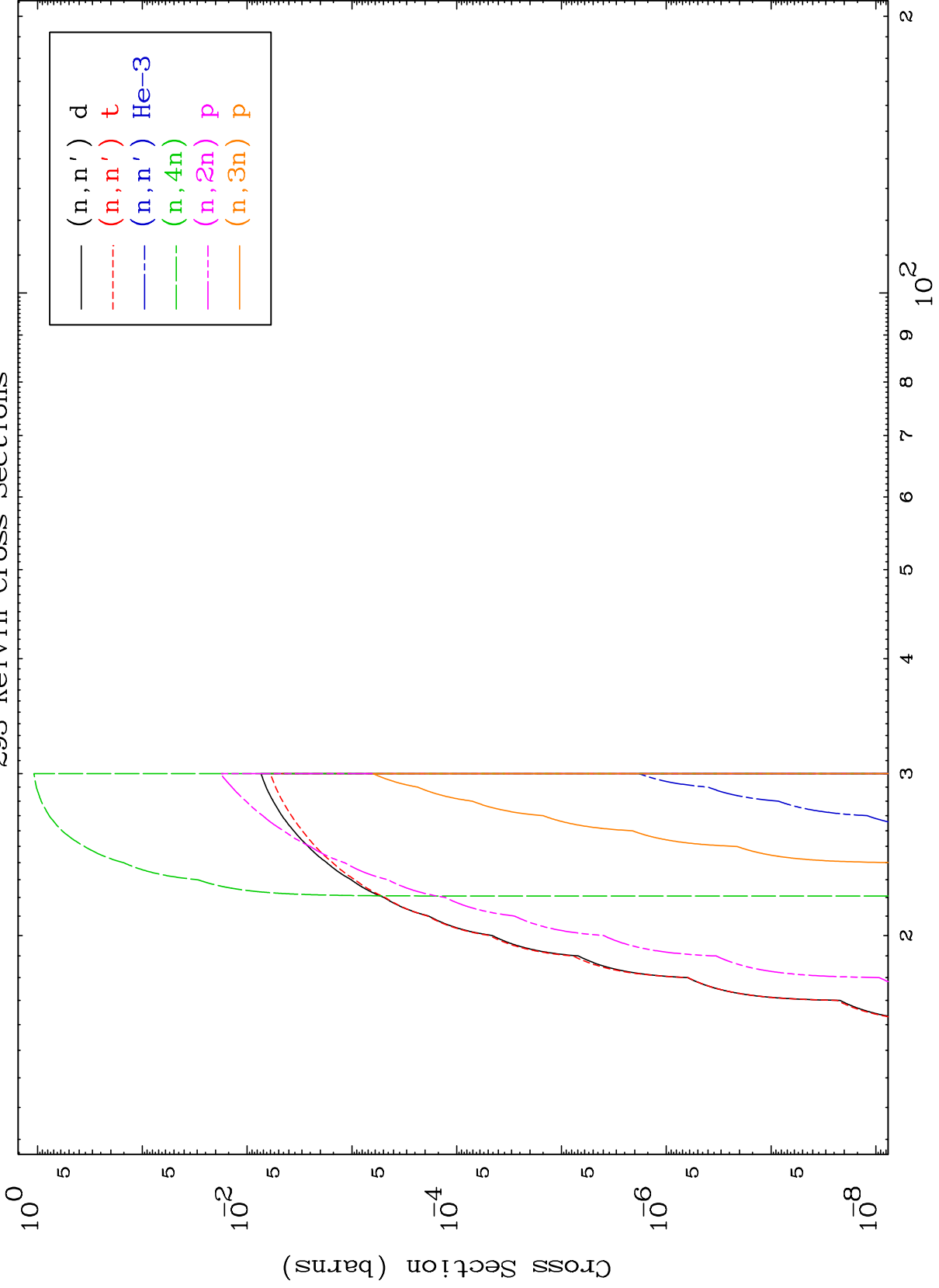


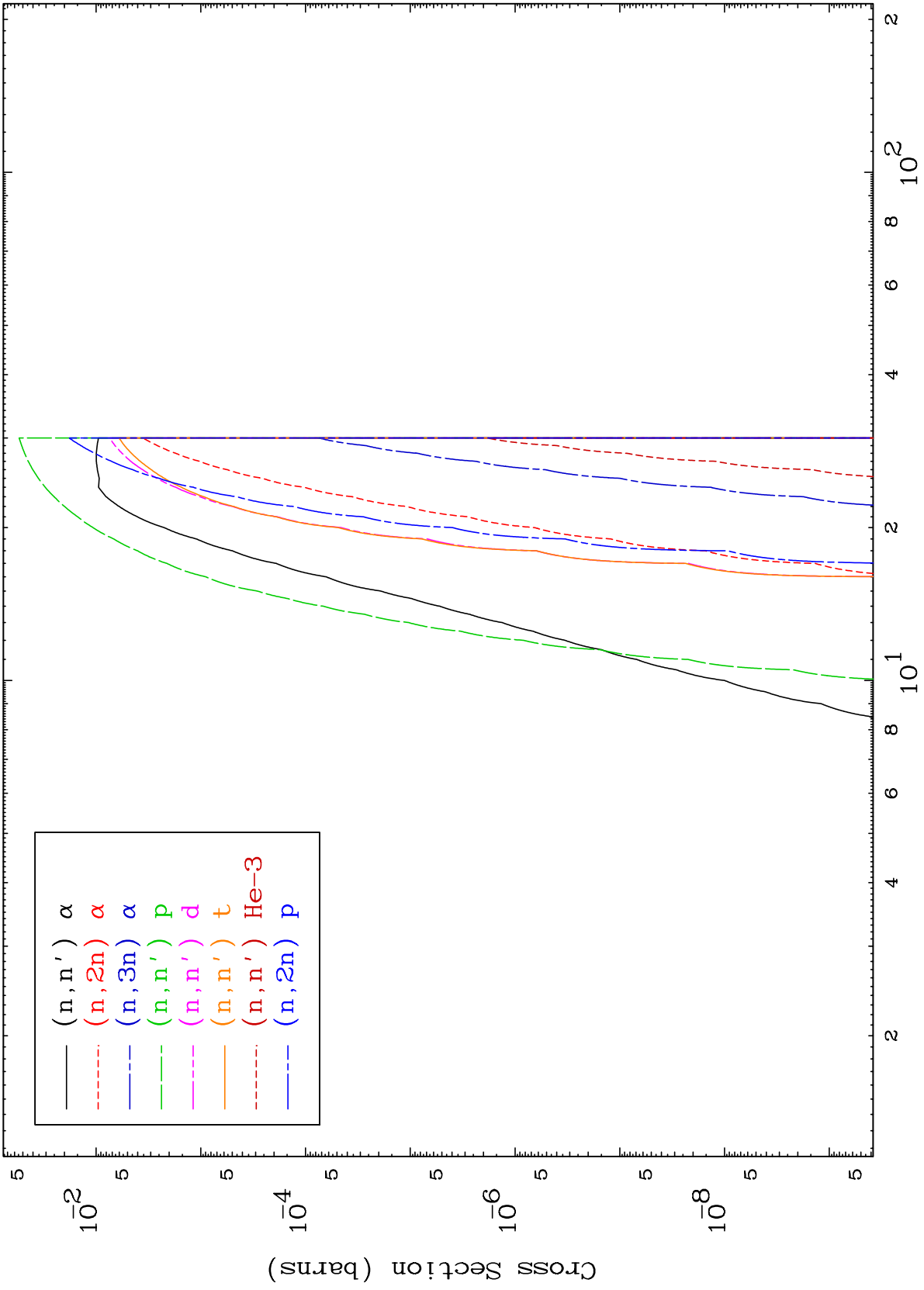
MAT 6343

Neutron Production
293 Kelvin Cross Sections

63-Eu-157



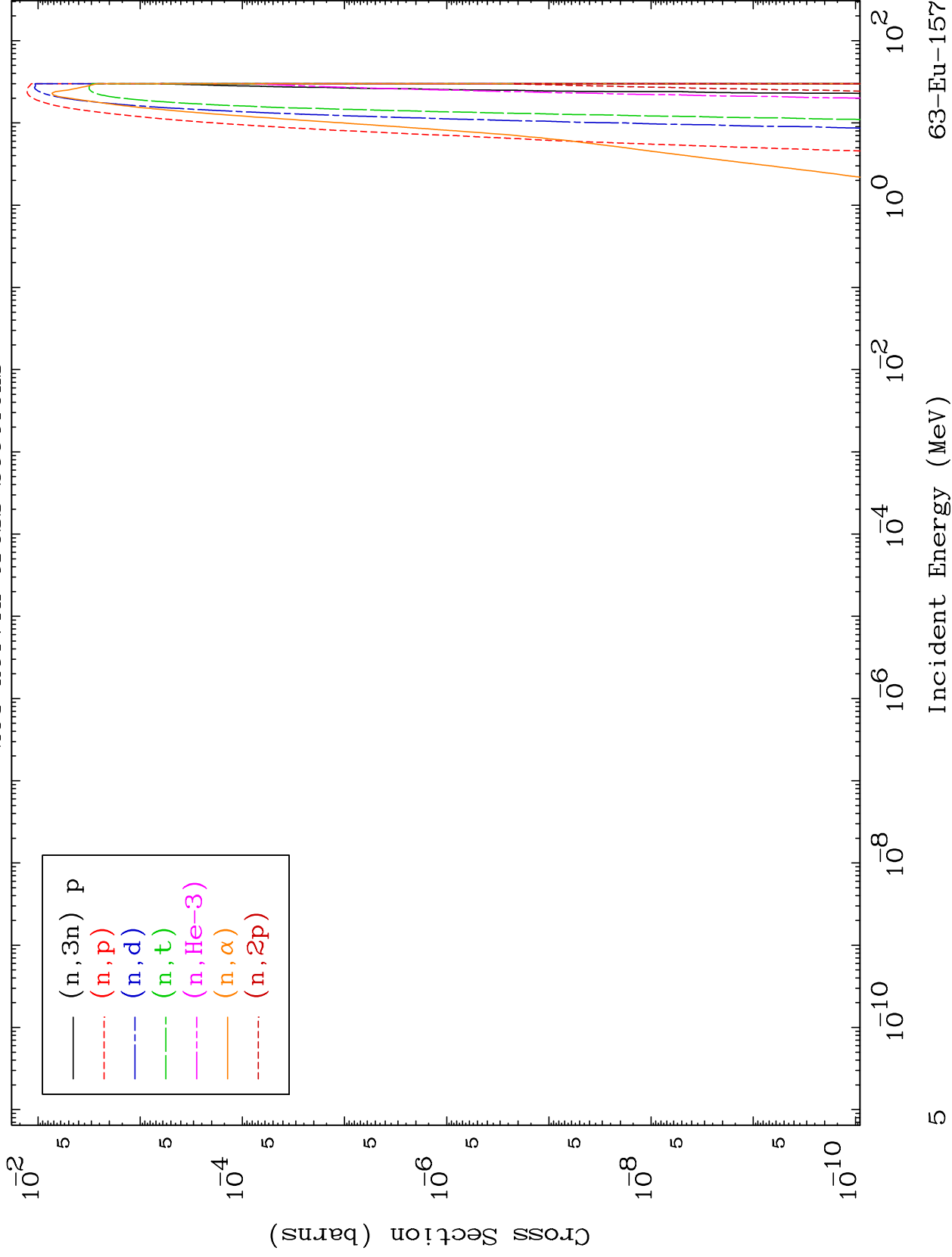




MAT 6343

Charged Particle
293 Kelvin Cross Sections

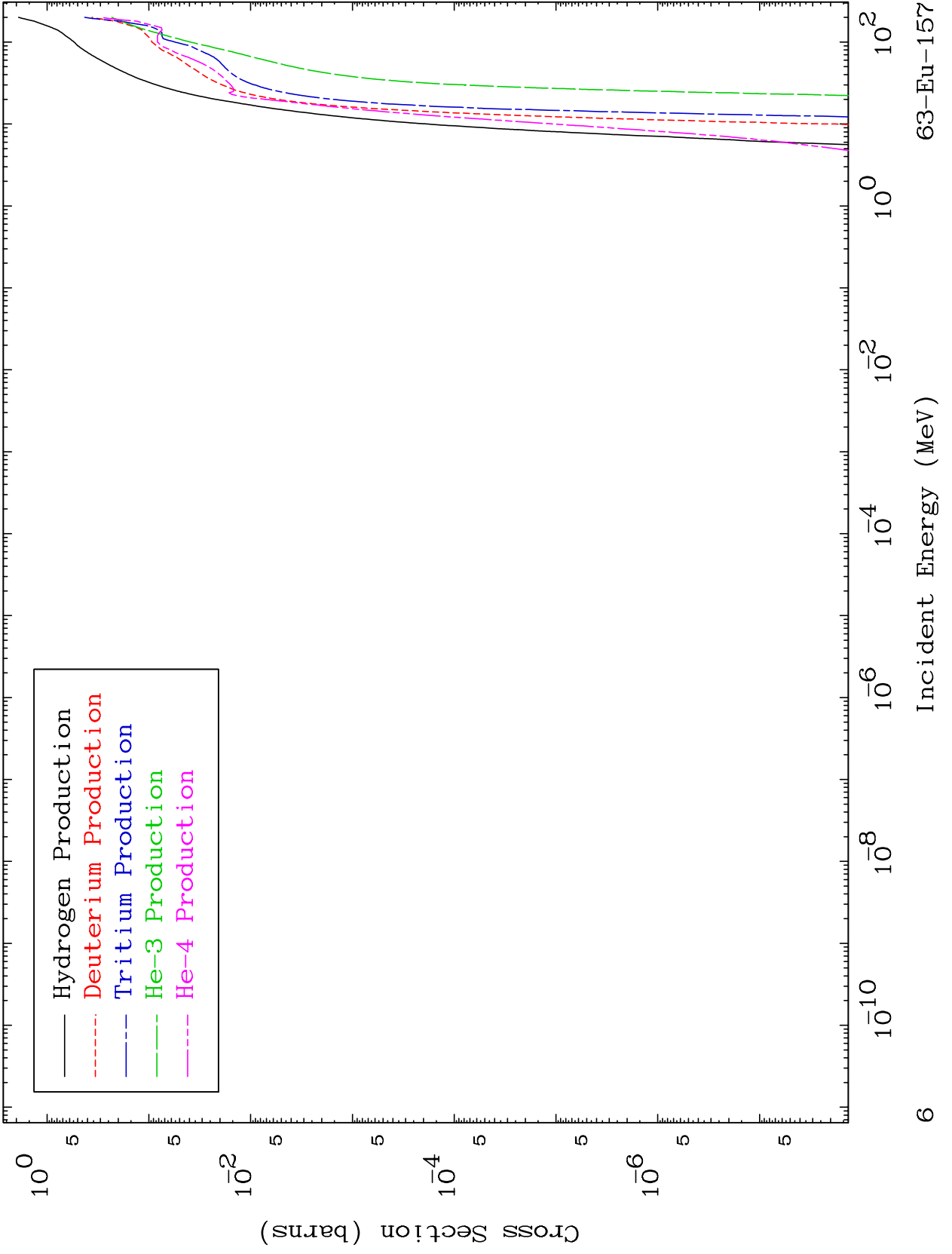
63-Eu-157



MAT 6343

Particle Production
293 Kelvin Cross Sections

63-Eu-157

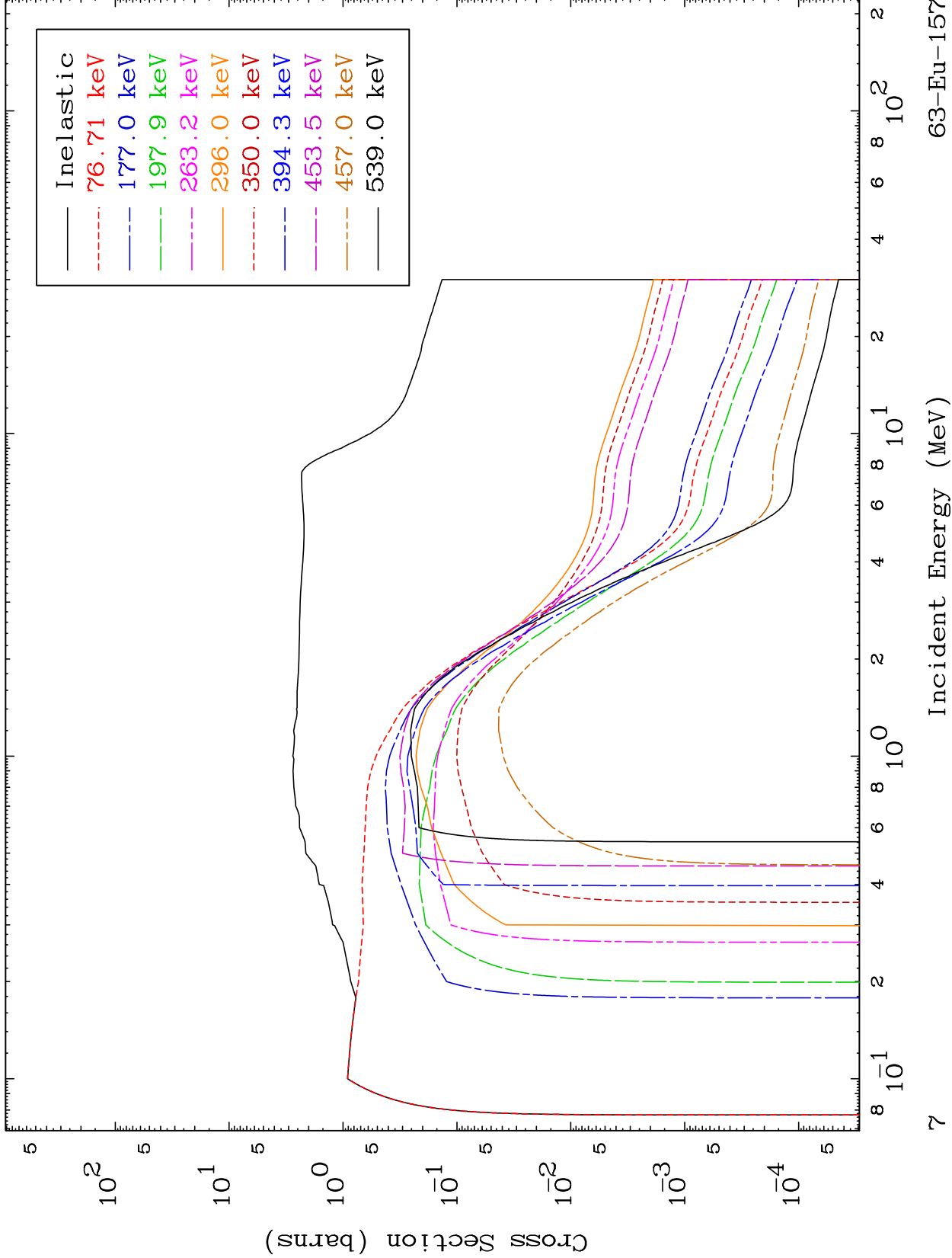


MAT 6343

(n,n') Level

63-Eu-157

293 Kelvin Cross Sections



63-Eu-157

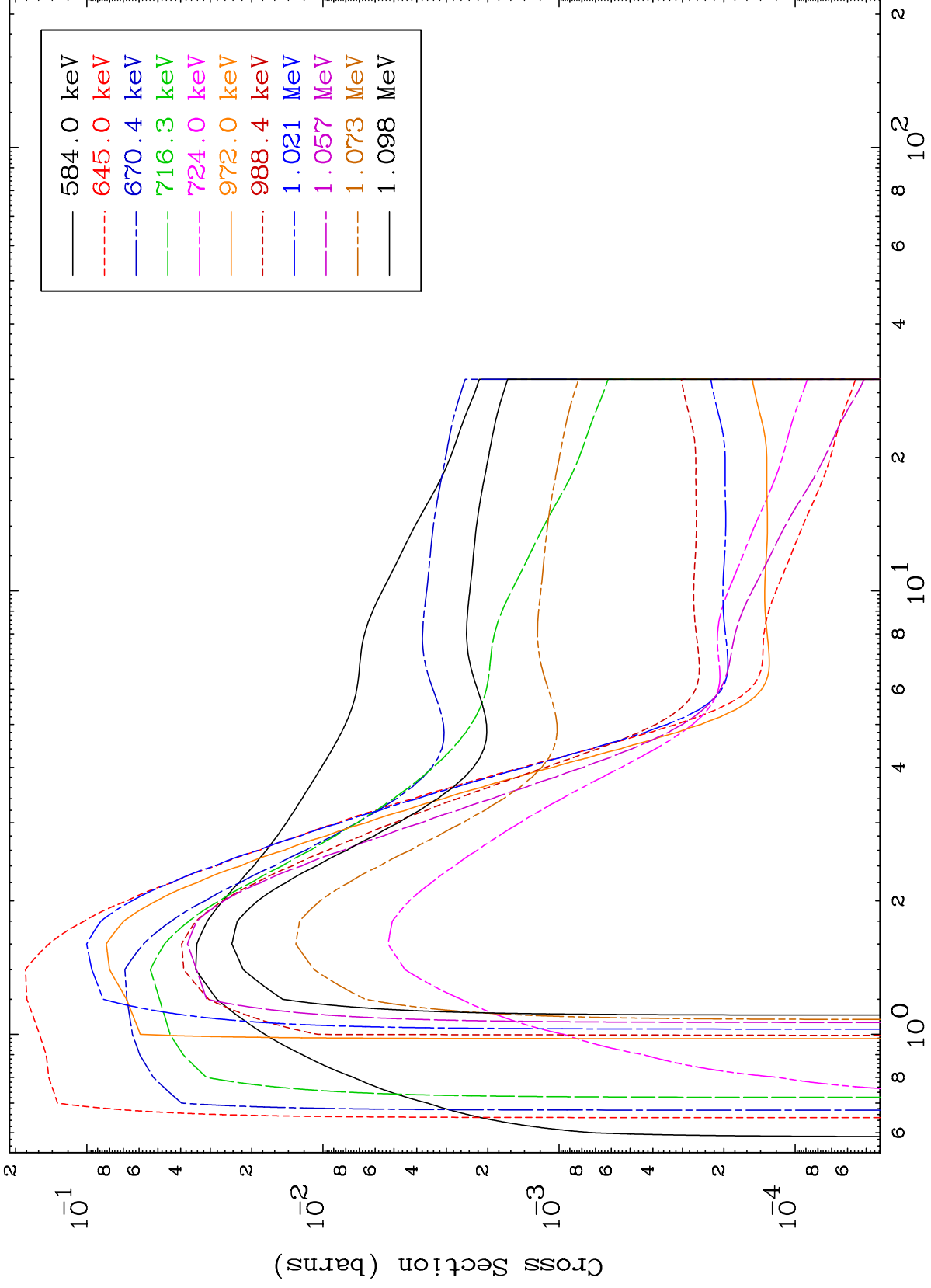
Incident Energy (MeV)

7

MAT 6343

(n,n') Level
293 Kelvin Cross Sections

63-Eu-157



8

Incident Energy (MeV)

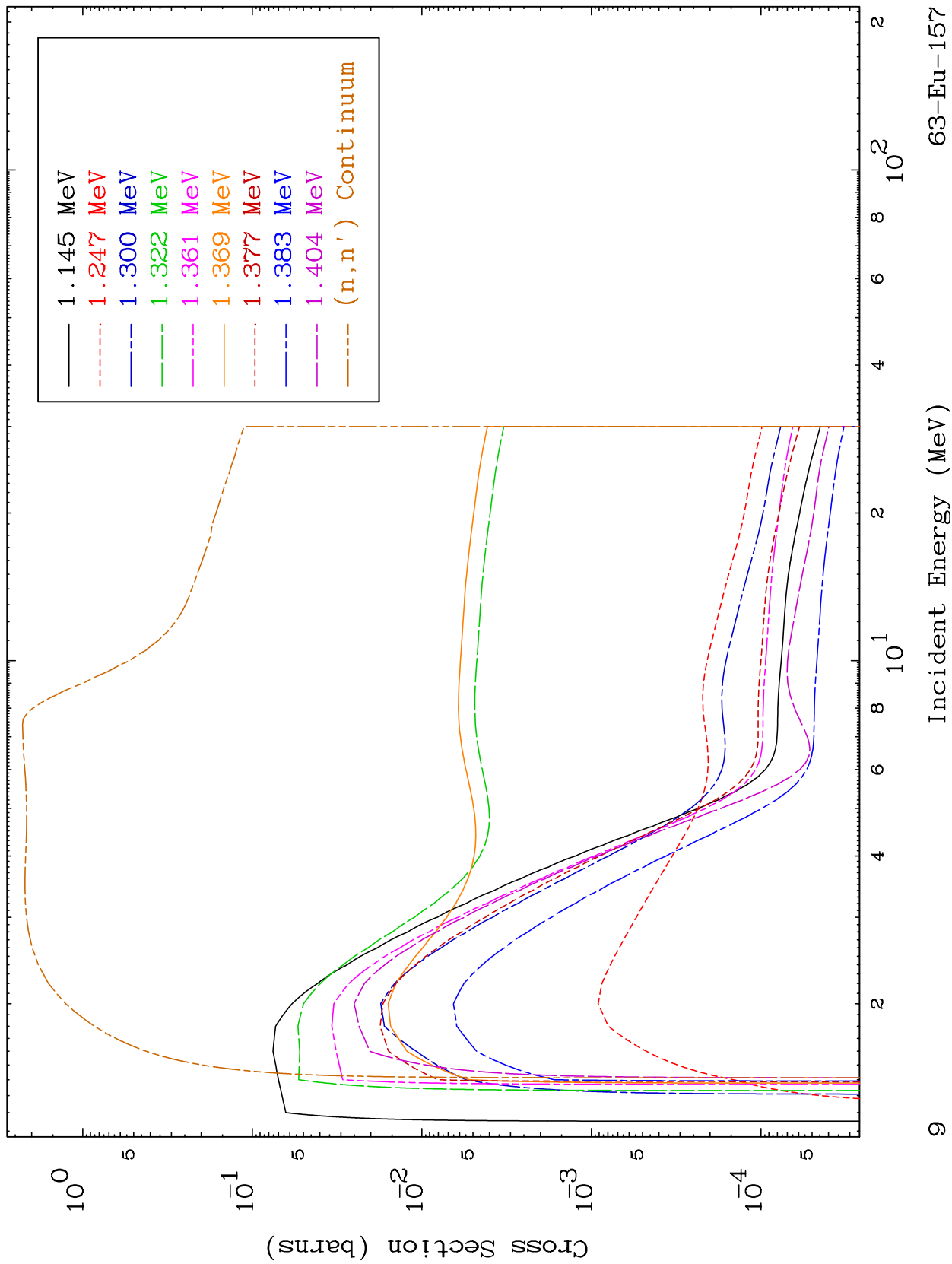
63-Eu-157

MAT 6343

(n,n') Level

63-Eu-157

293 Kelvin Cross Sections



9

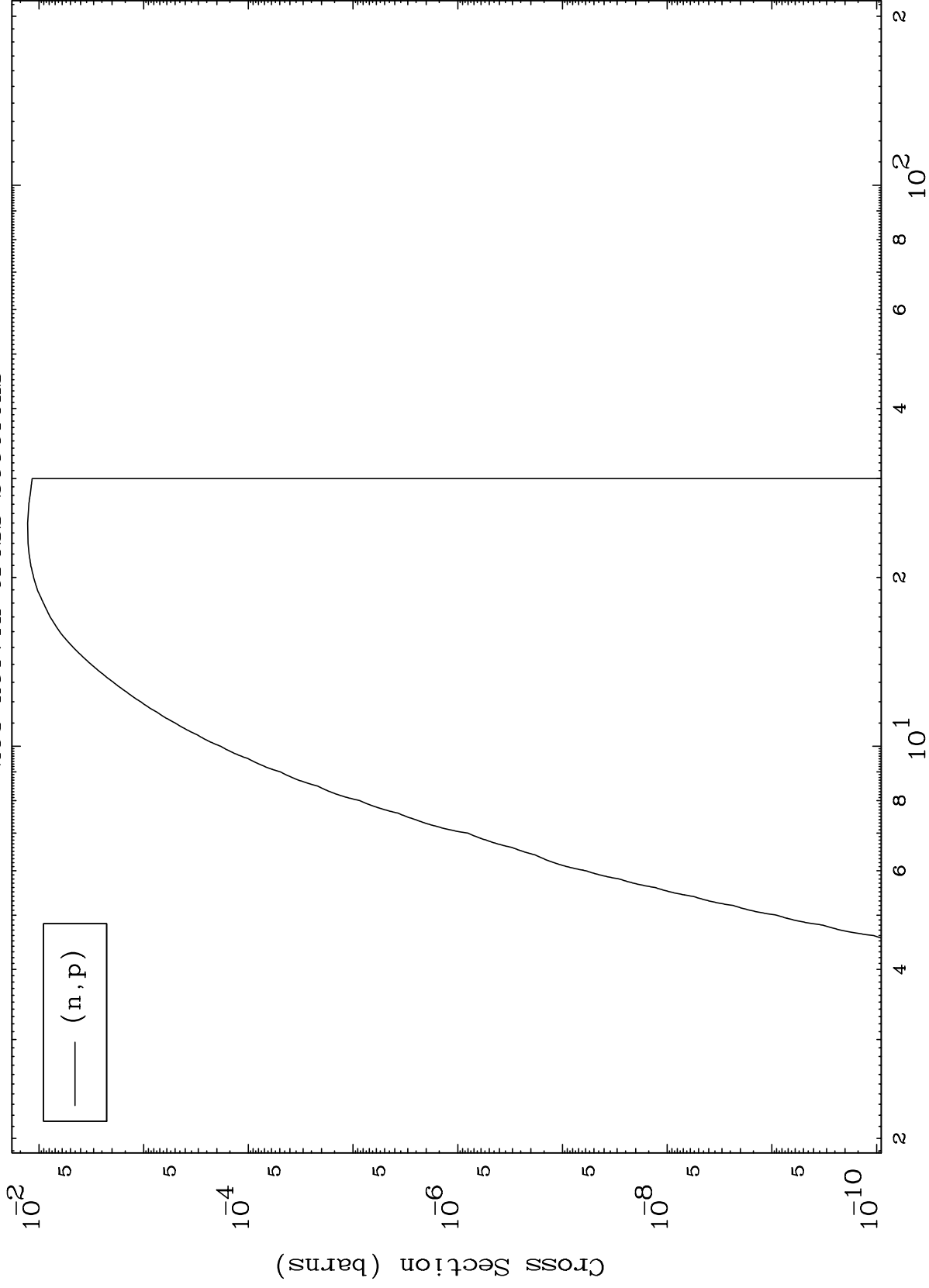
Incident Energy (MeV)

63-Eu-157

MAT 6343

(n,p) Levels
293 Kelvin Cross Sections

63-Eu-157



10

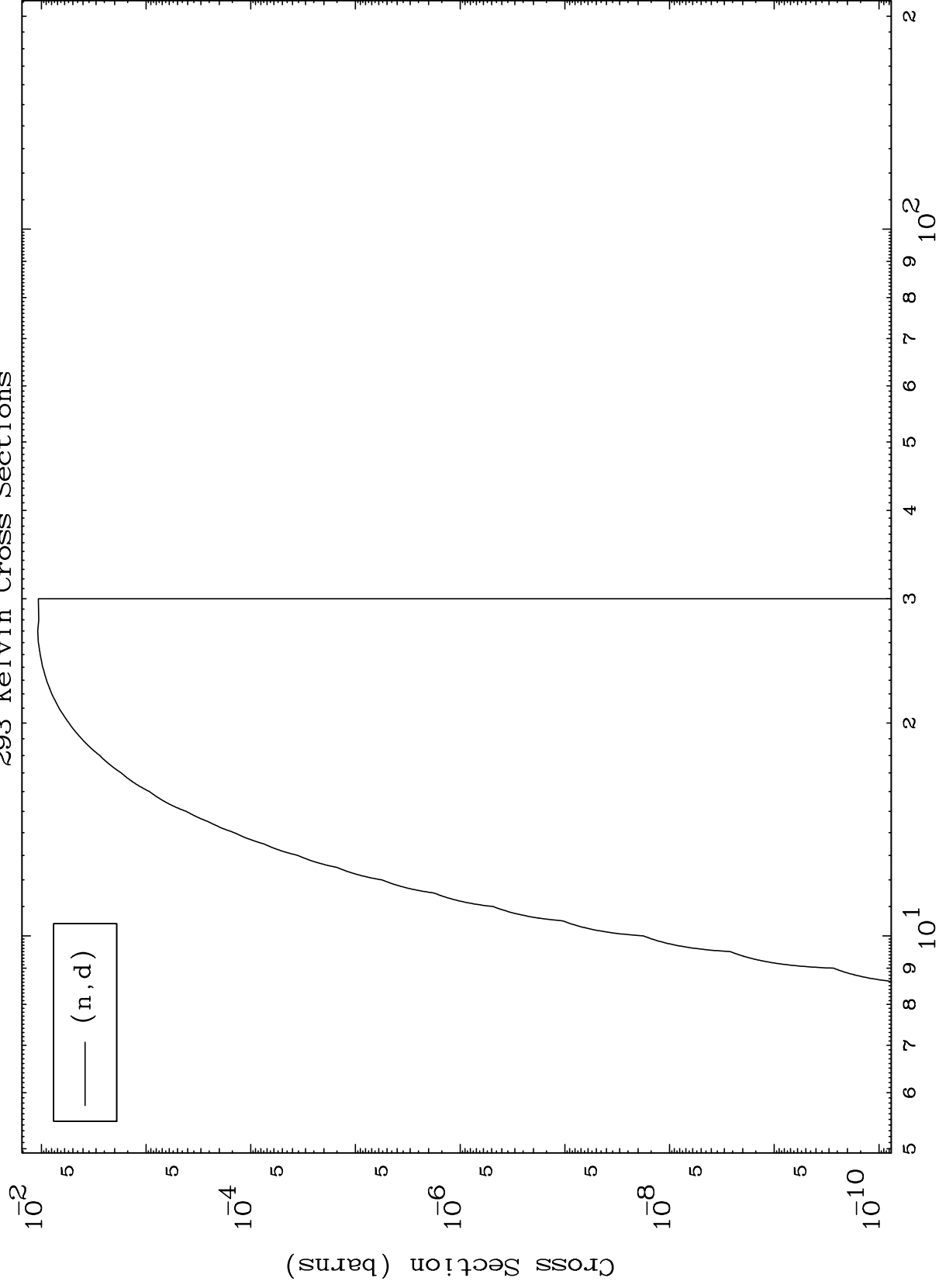
Incident Energy (MeV)

63-Eu-157

MAT 6343

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-157



11

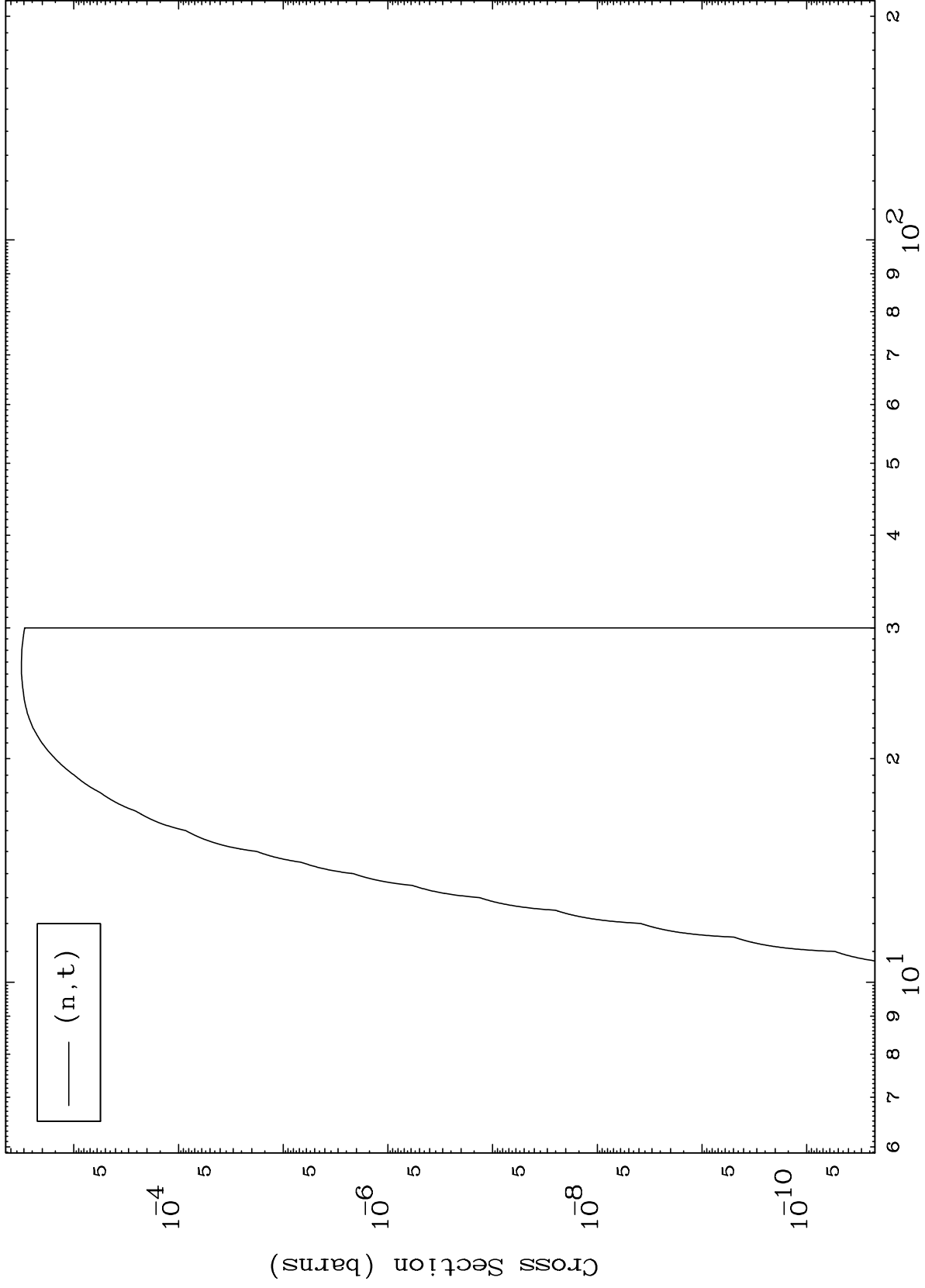
Incident Energy (MeV)

63-Eu-157

MAT 6343

(n, t) Levels
293 Kelvin Cross Sections

63-Eu-157



12

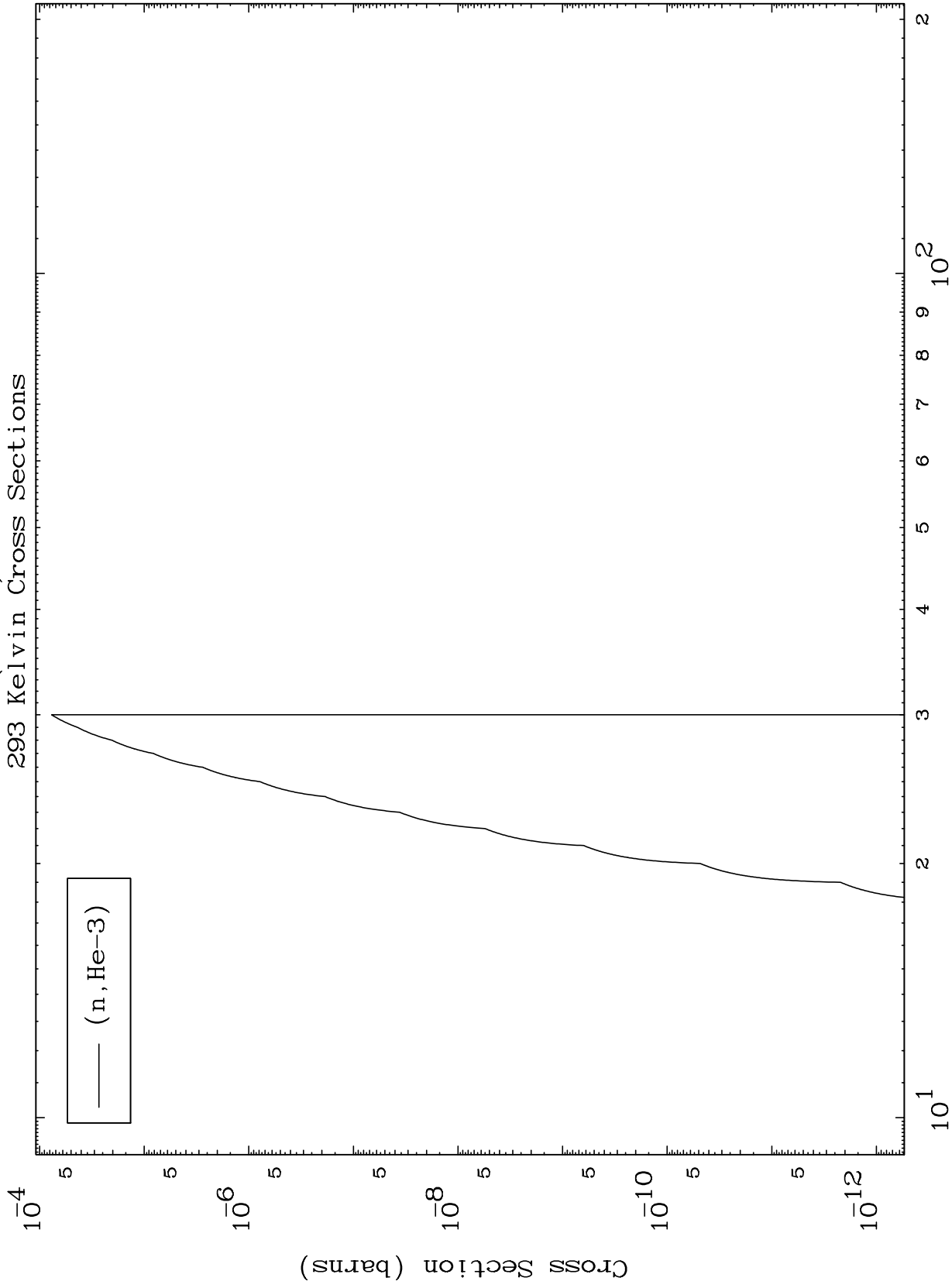
Incident Energy (MeV)

63-Eu-157

MAT 6343

(n,He3) Levels
293 Kelvin Cross Sections

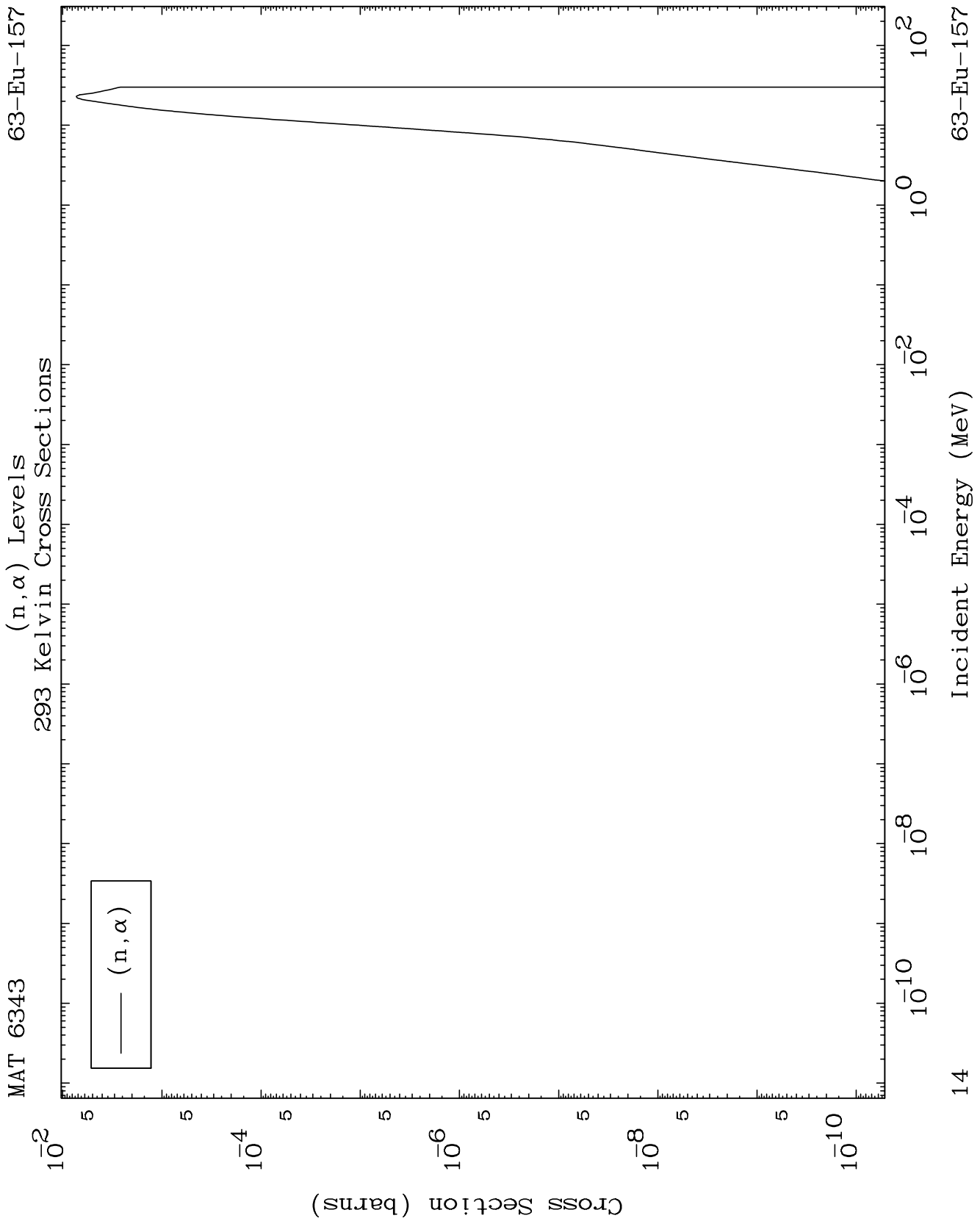
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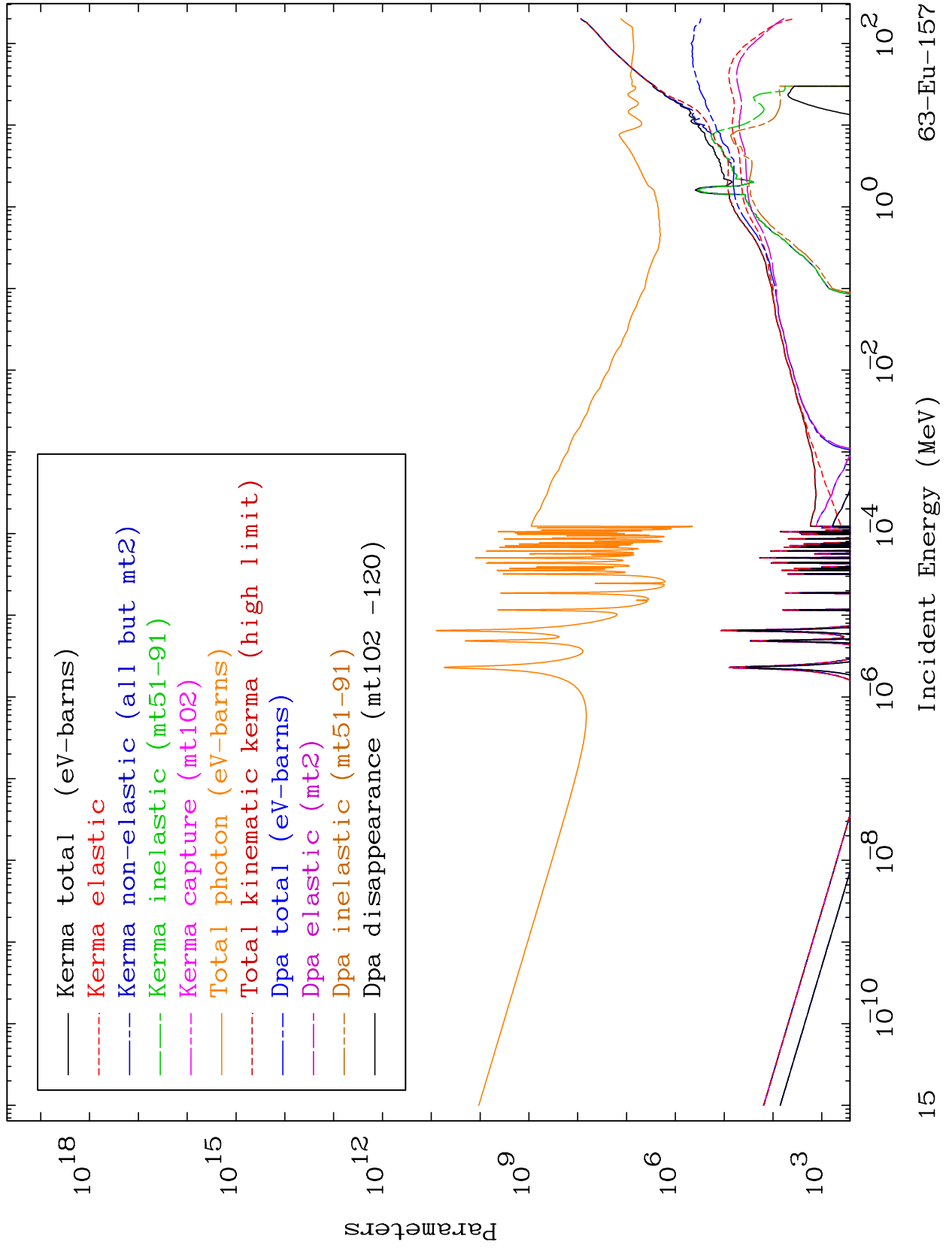


13

Incident Energy (MeV)

63-Eu-157

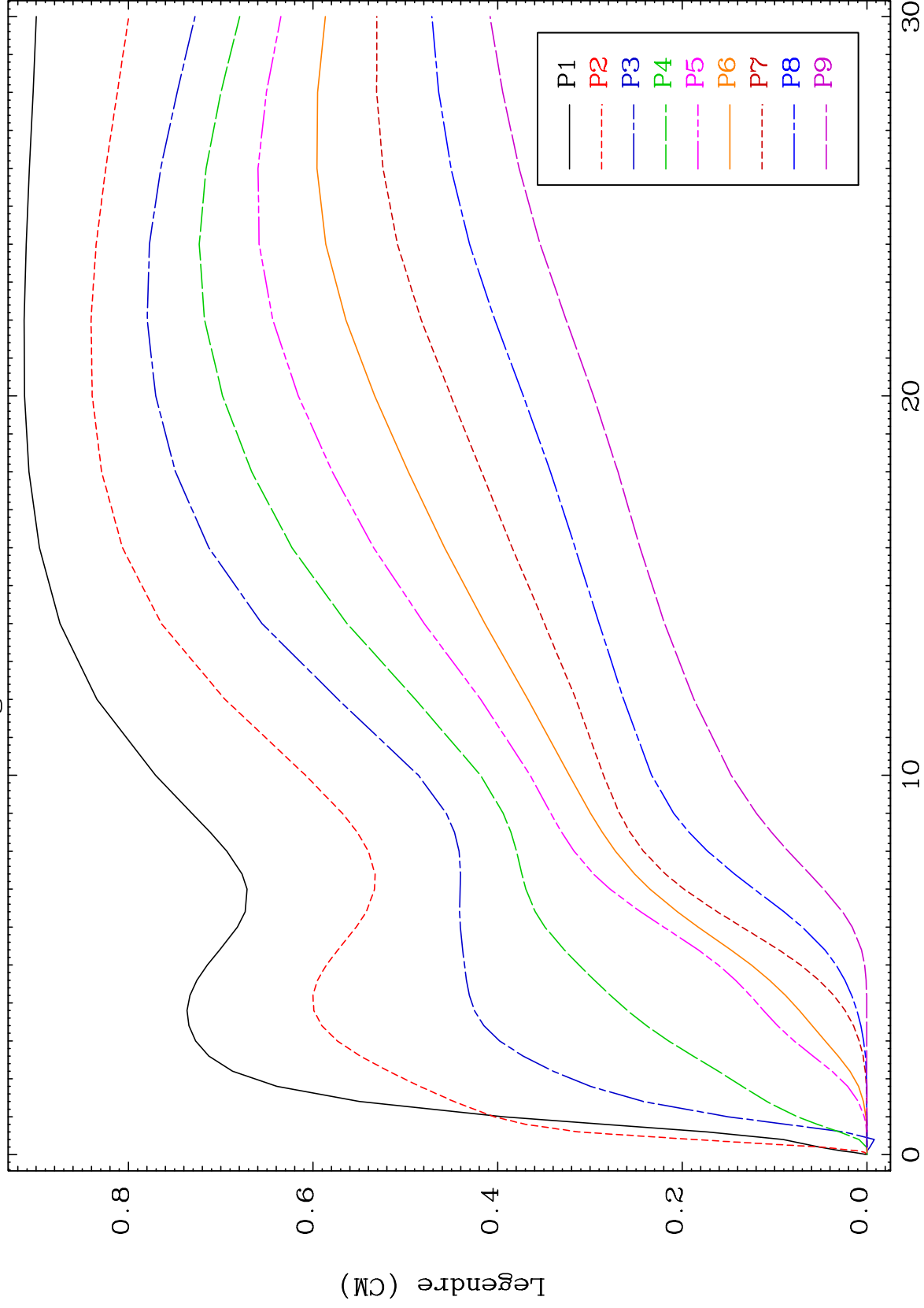




MAT 6343

Elastic Legendre Coefficients

63-Eu-157



16

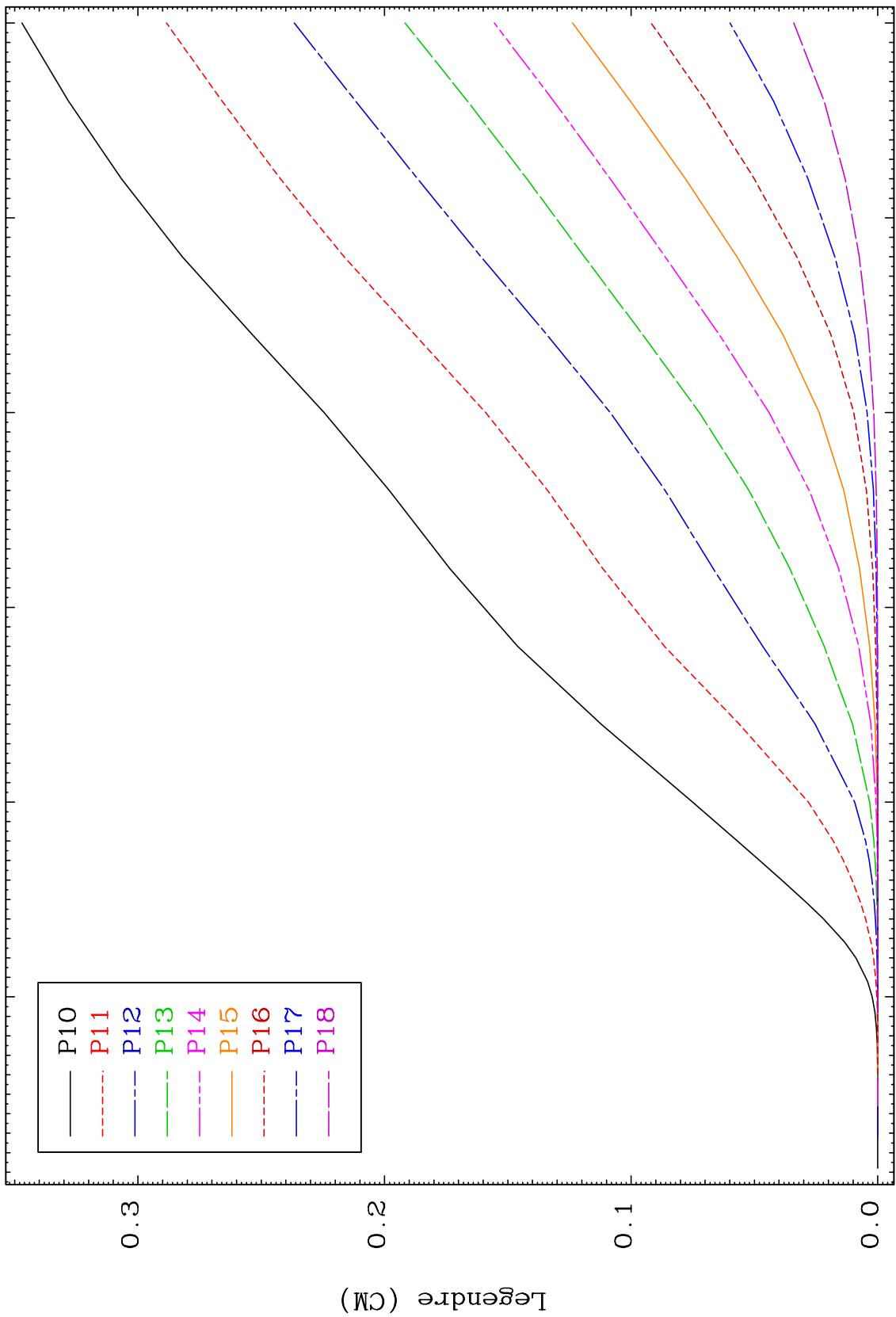
Incident Energy (MeV)

63-Eu-157

MAT 6343

Elastic Legendre Coefficients

63-Eu-157



17

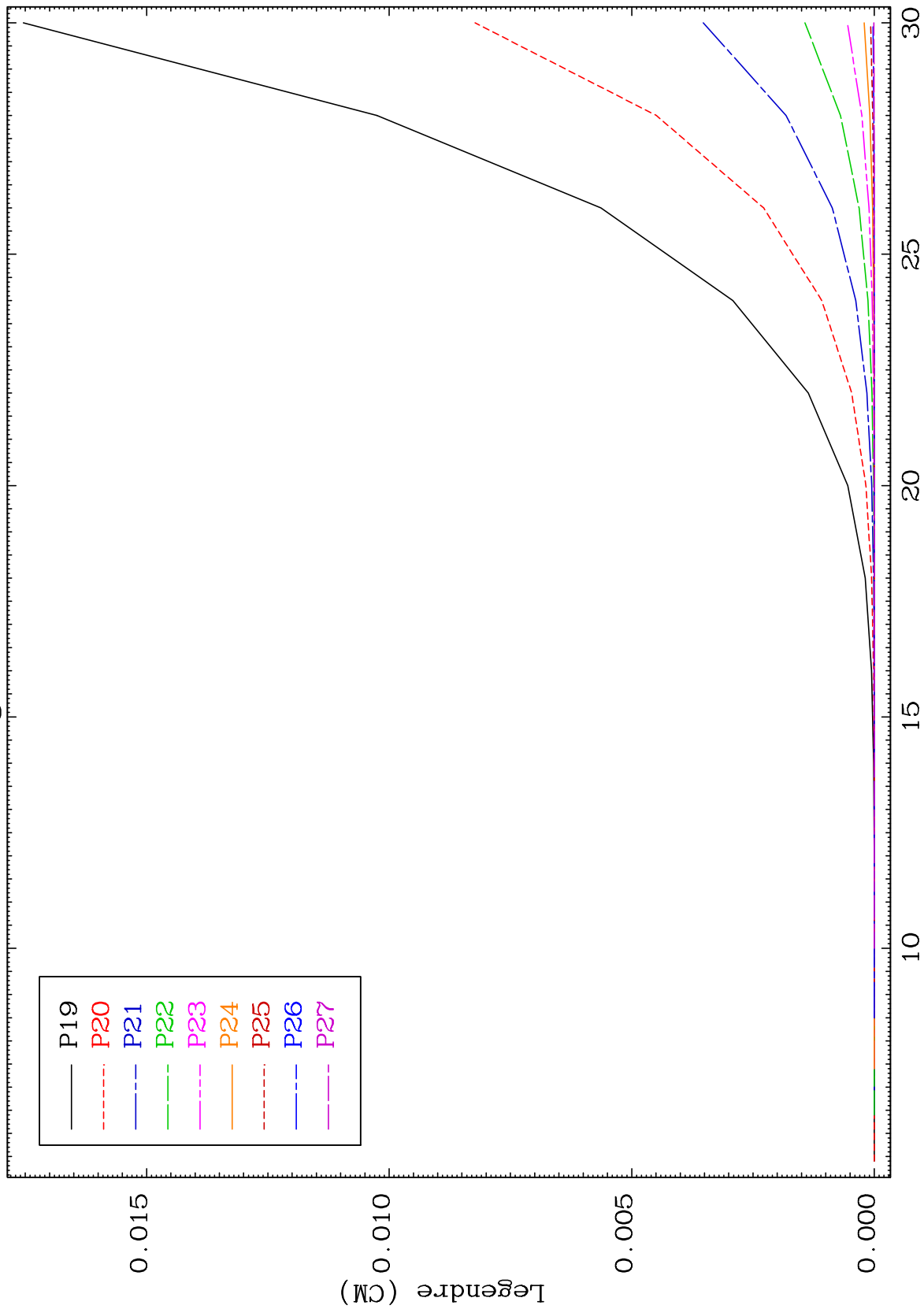
Incident Energy (MeV)

63-Eu-157

MAT 6343

Elastic Legendre Coefficients

63-Eu-157



18

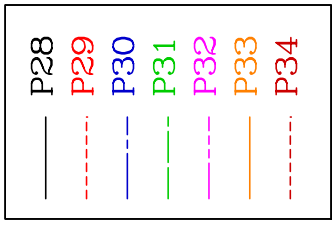
Incident Energy (MeV)

63-Eu-157

MAT 6343

Elastic Legendre Coefficients

63-Eu-157



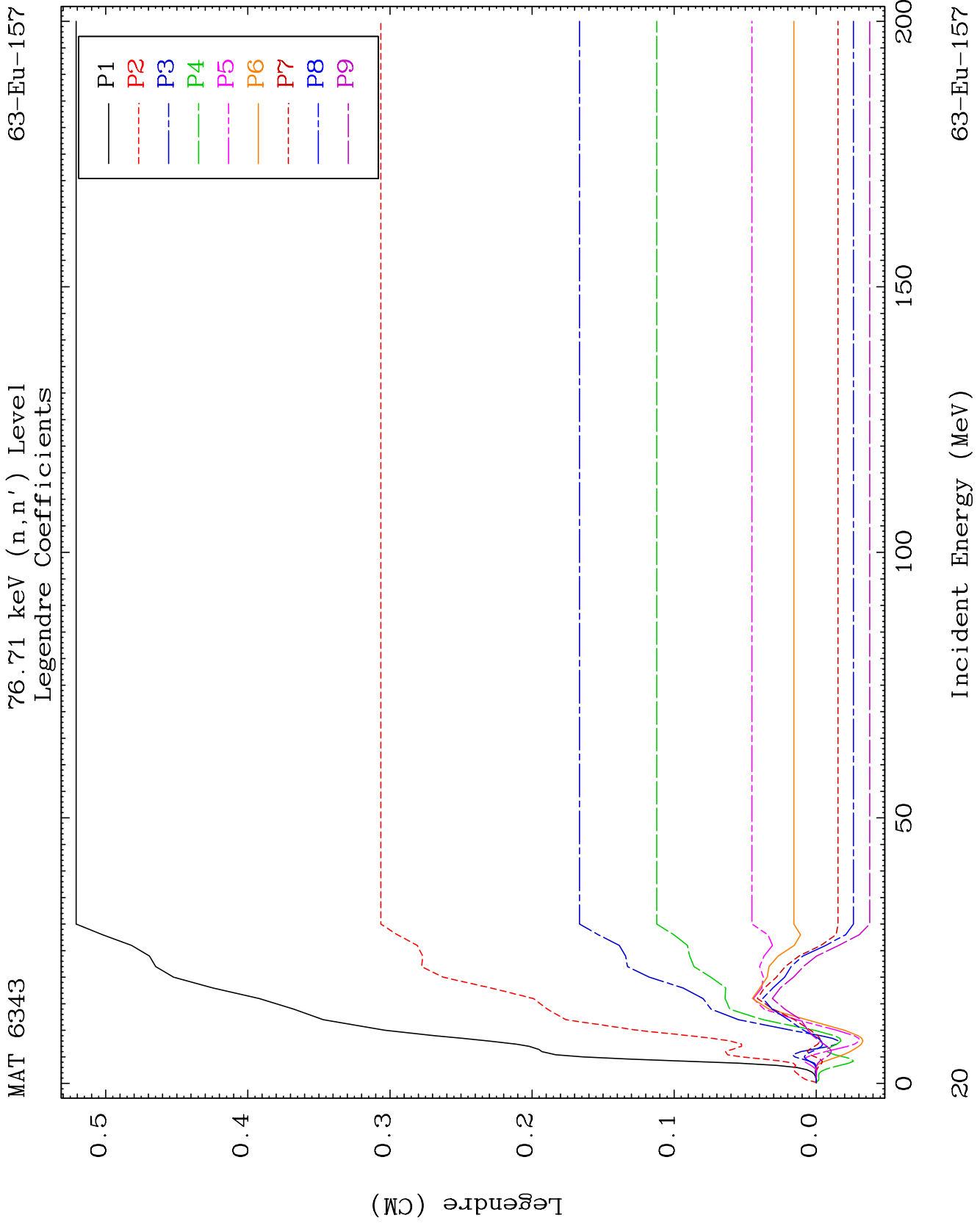
$\times 10^{-6}$
2.5
2.0
1.5
1.0
0.5
0.0

Legendre (CM)

10 15 20 25 30

Incident Energy (MeV)

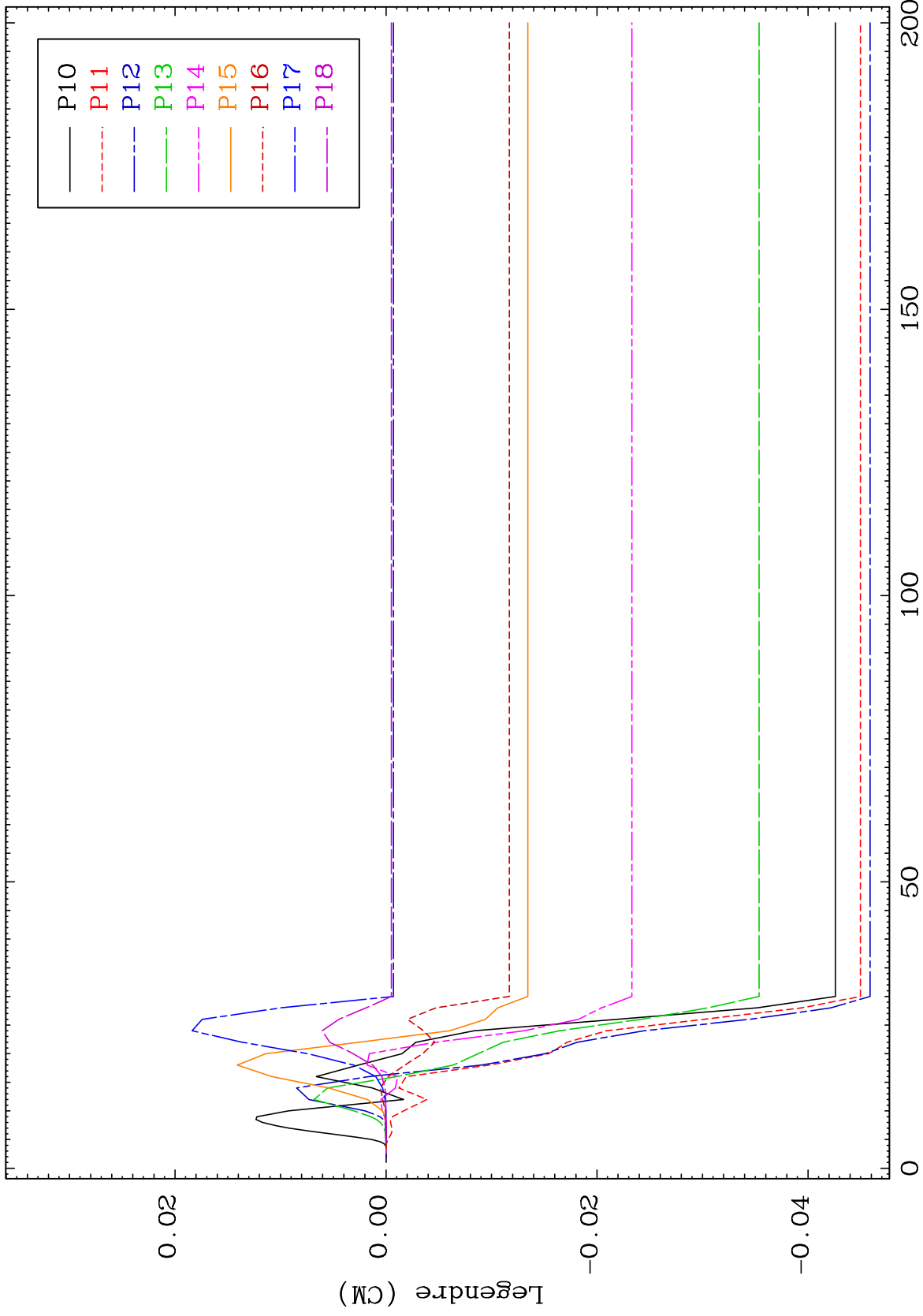
63-Eu-157



MAT 6343

76.71 keV (n,n') Level
Legendre Coefficients

63-Eu-157



21

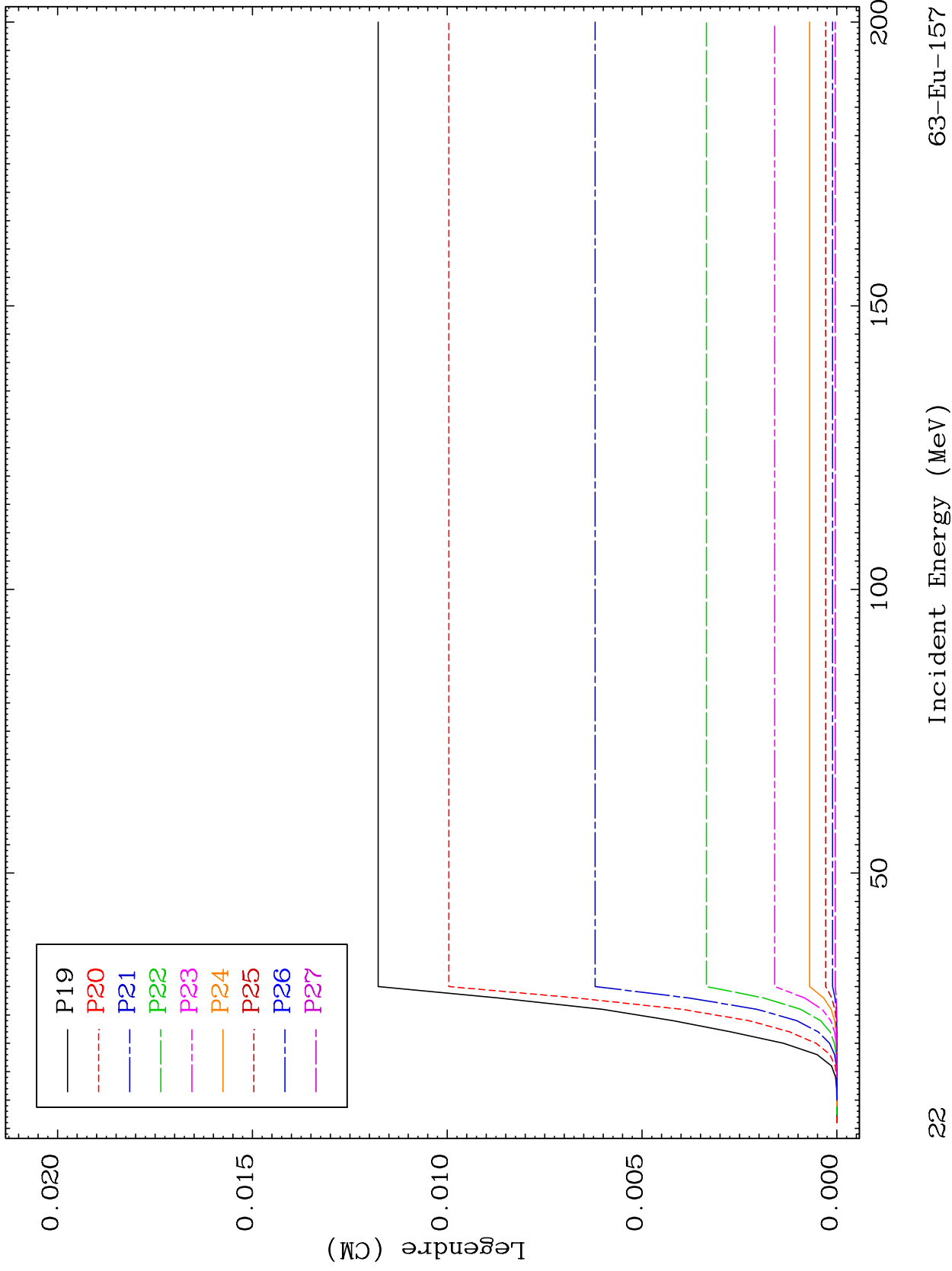
Incident Energy (MeV)

63-Eu-157

MAT 6343

76.71 keV (n,n') Level
Legendre Coefficients

63-Eu-157

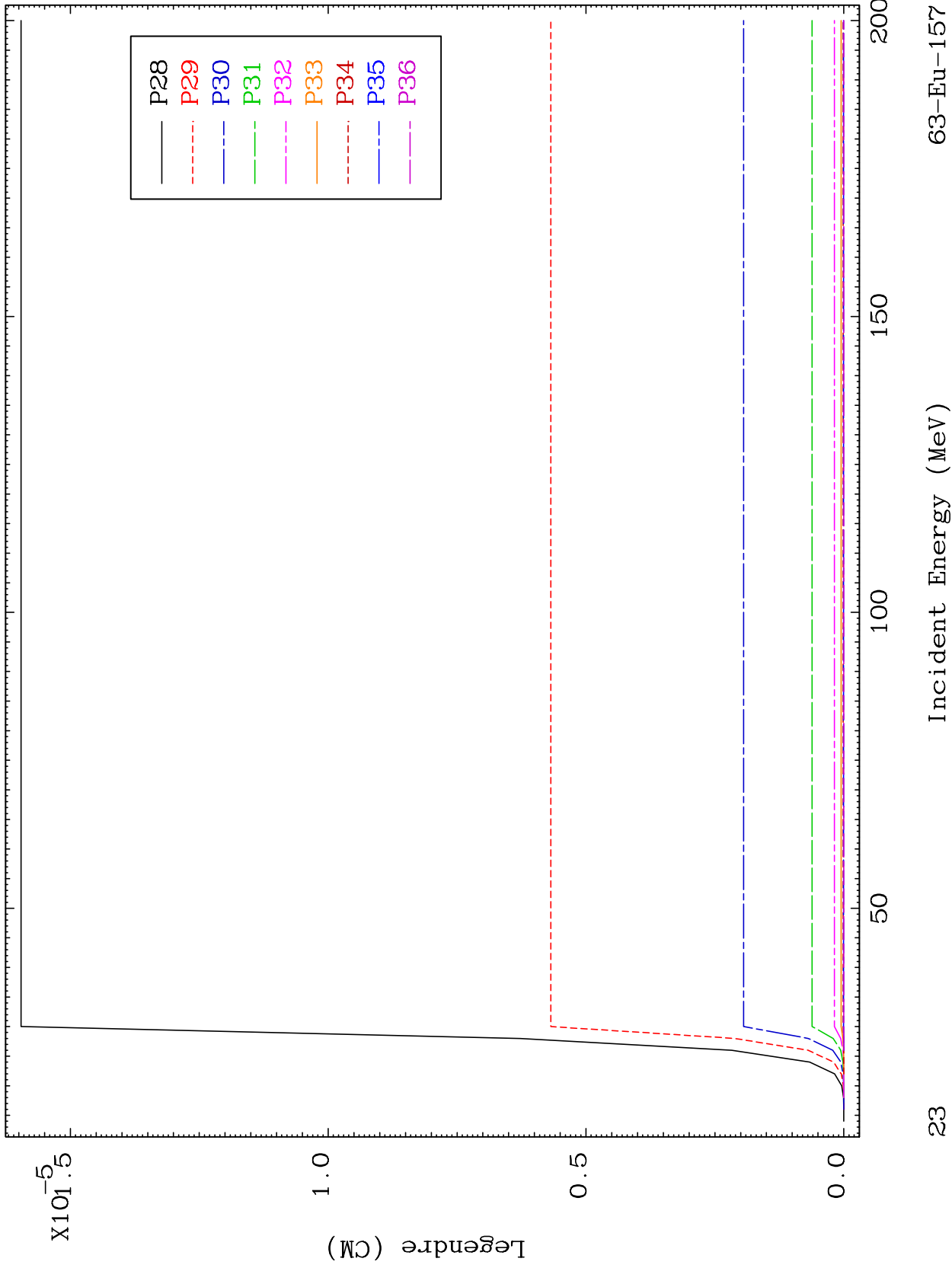


22

MAT 6343

76.71 keV (n,n') Level
Legendre Coefficients

63-Eu-157



23

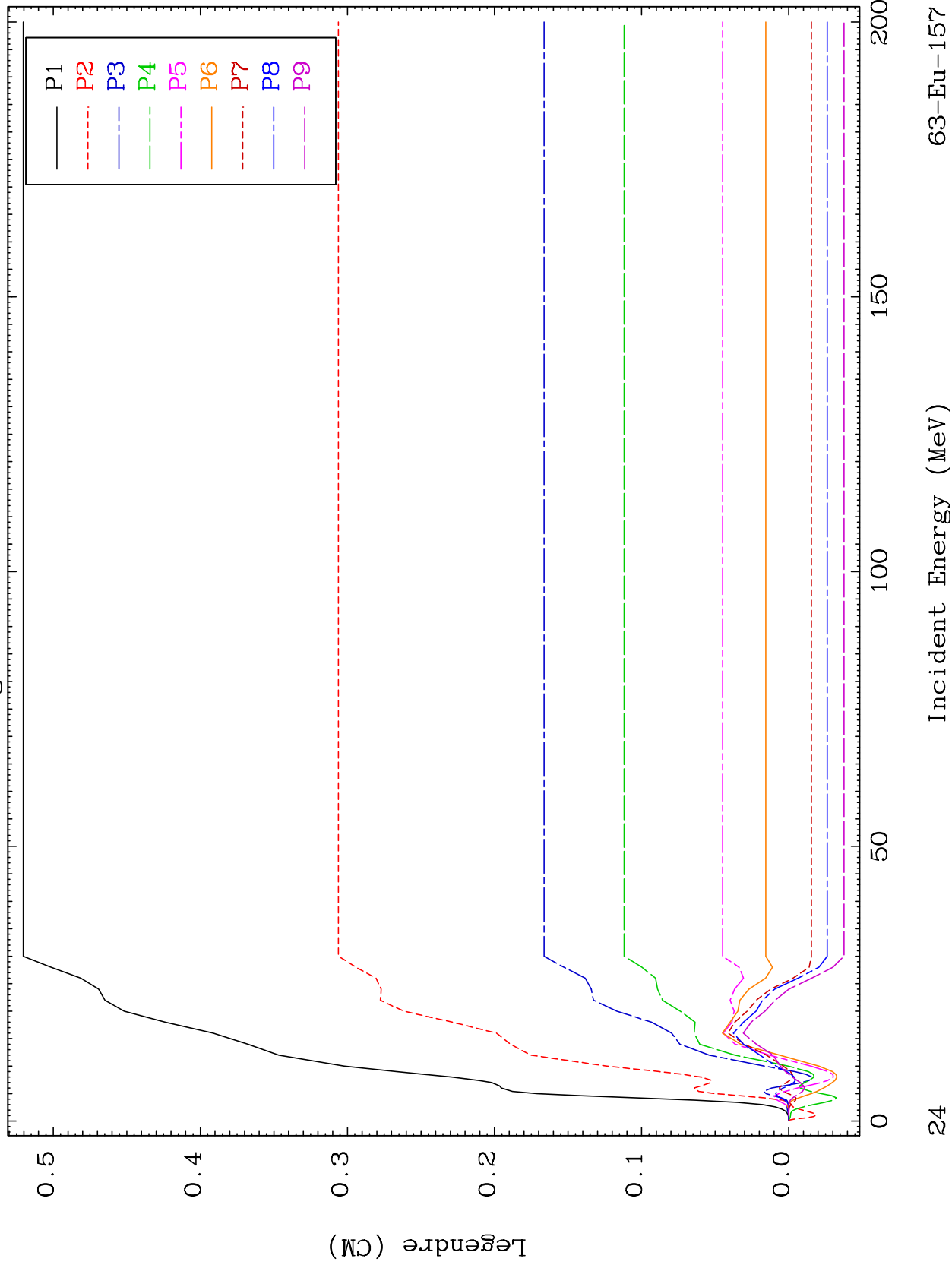
Incident Energy (MeV)

63-Eu-157

MAT 6343

177.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



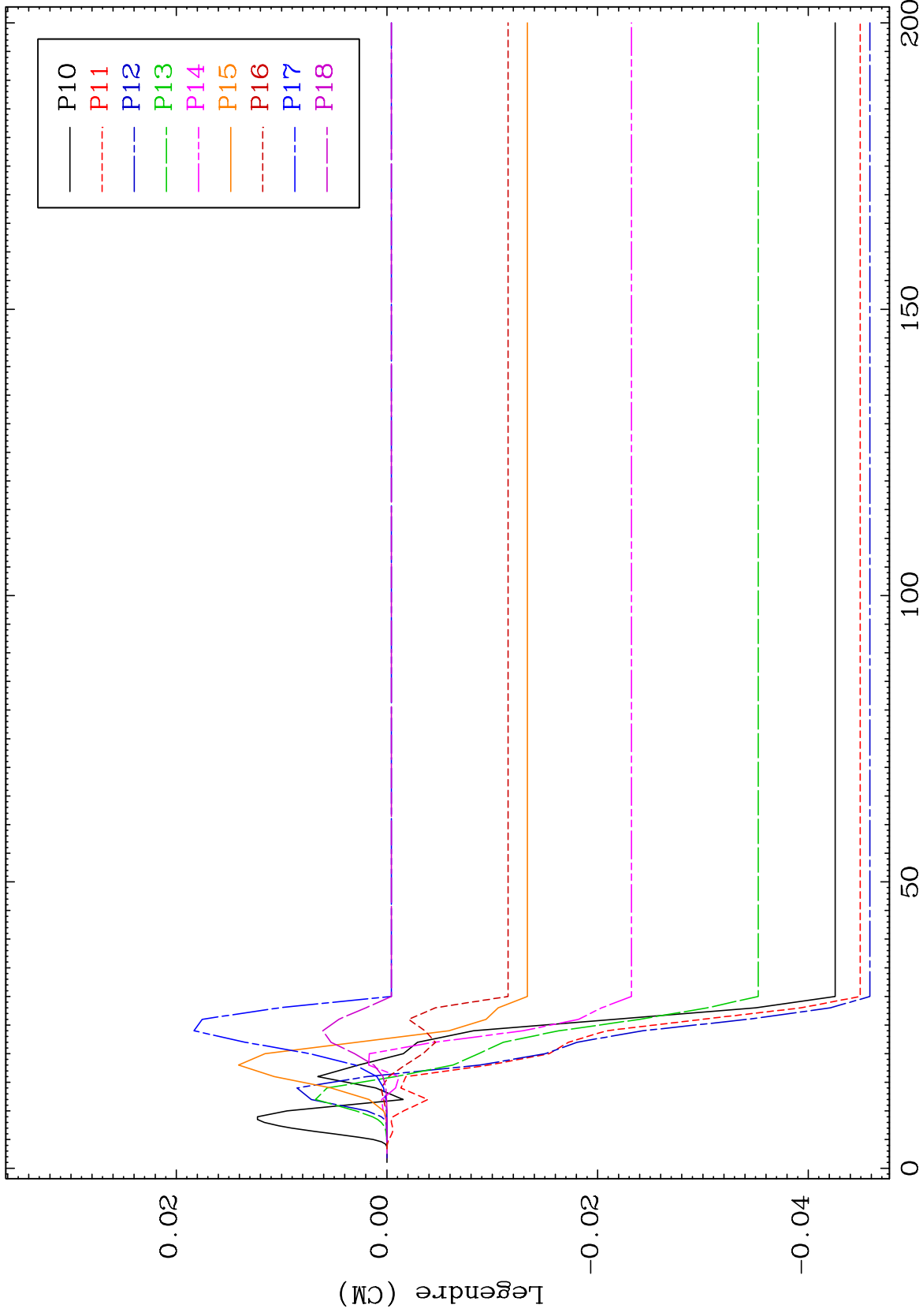
24

63-Eu-157

MAT 6343

177.0 keV (n,n') Level
Legendre Coefficients

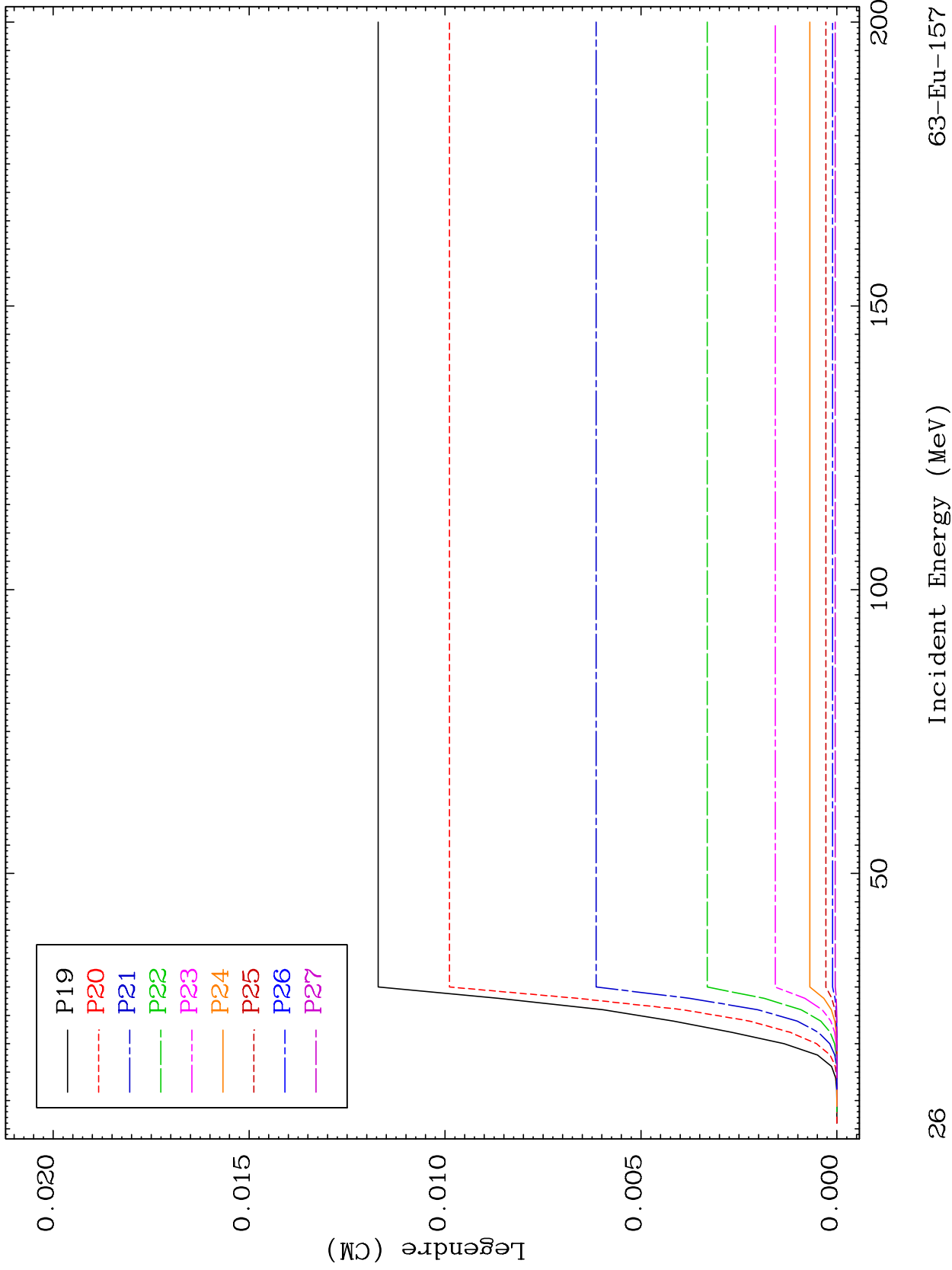
63-Eu-157



25

Incident Energy (MeV)

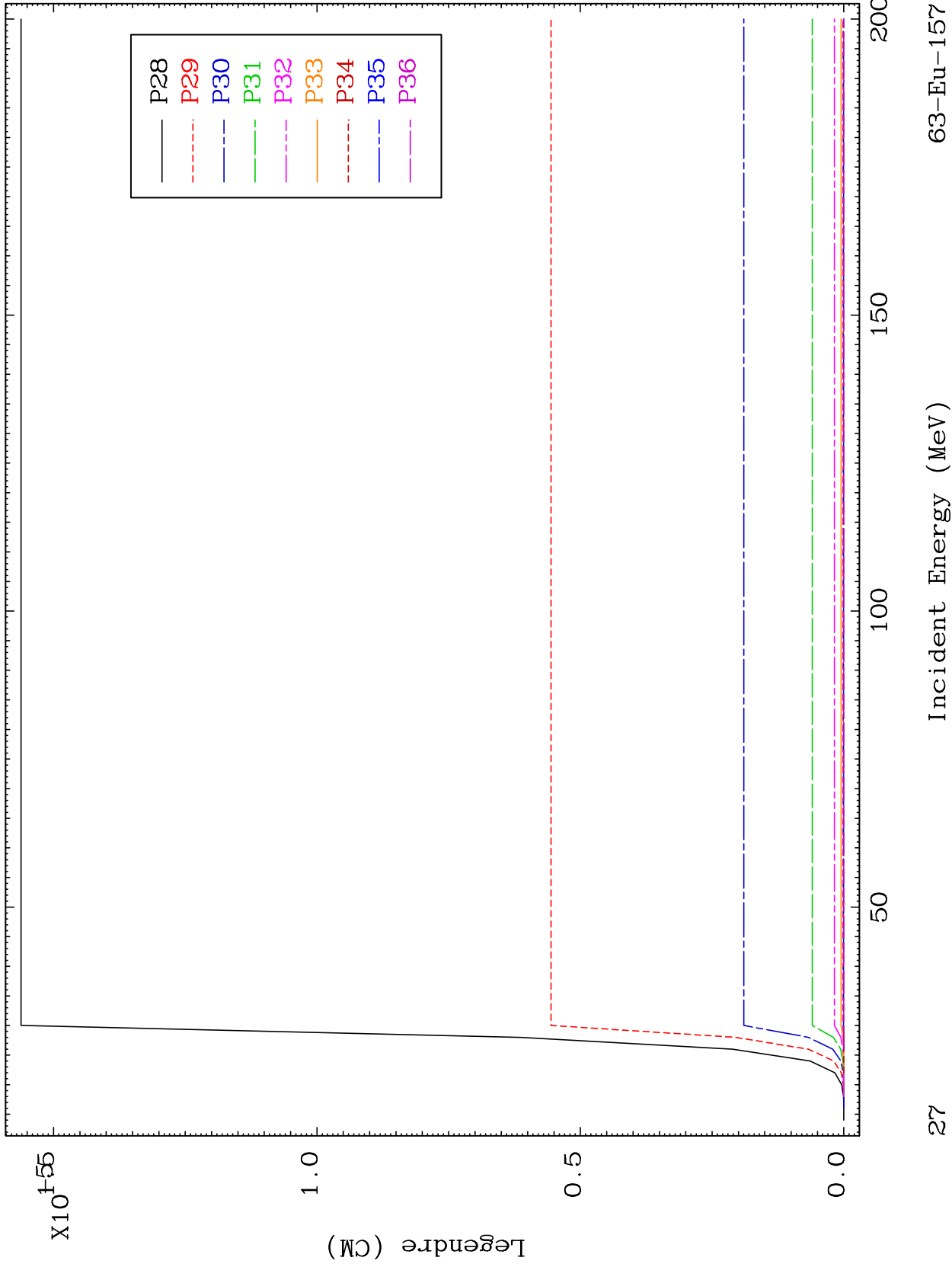
63-Eu-157



MAT 6343

177.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



27

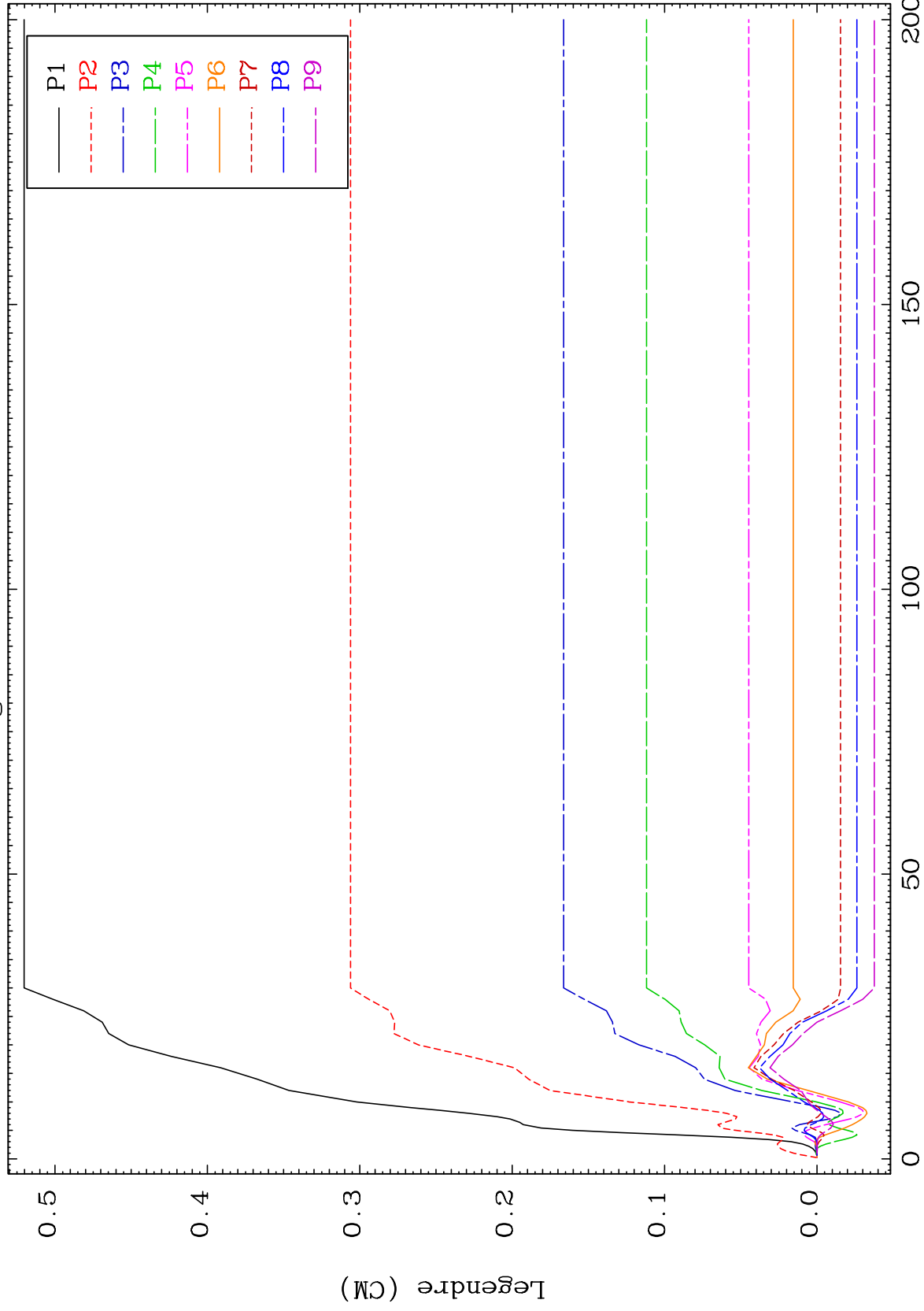
Incident Energy (MeV)

63-Eu-157

MAT 6343

197.9 keV (n,n') Level
Legendre Coefficients

63-Eu-157



28

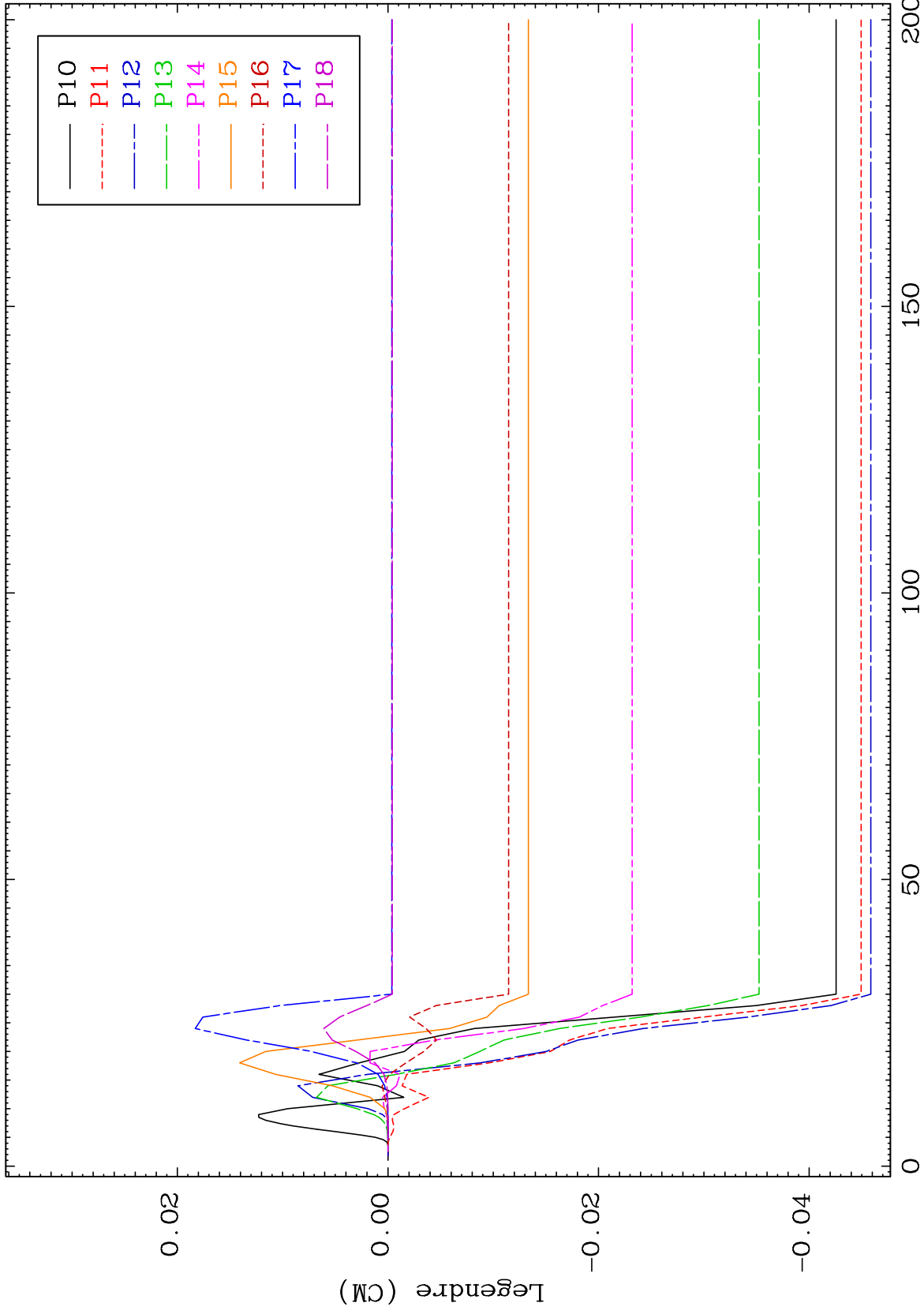
Incident Energy (MeV)

63-Eu-157

MAT 6343

197.9 keV (n,n') Level
Legendre Coefficients

63-Eu-157



29

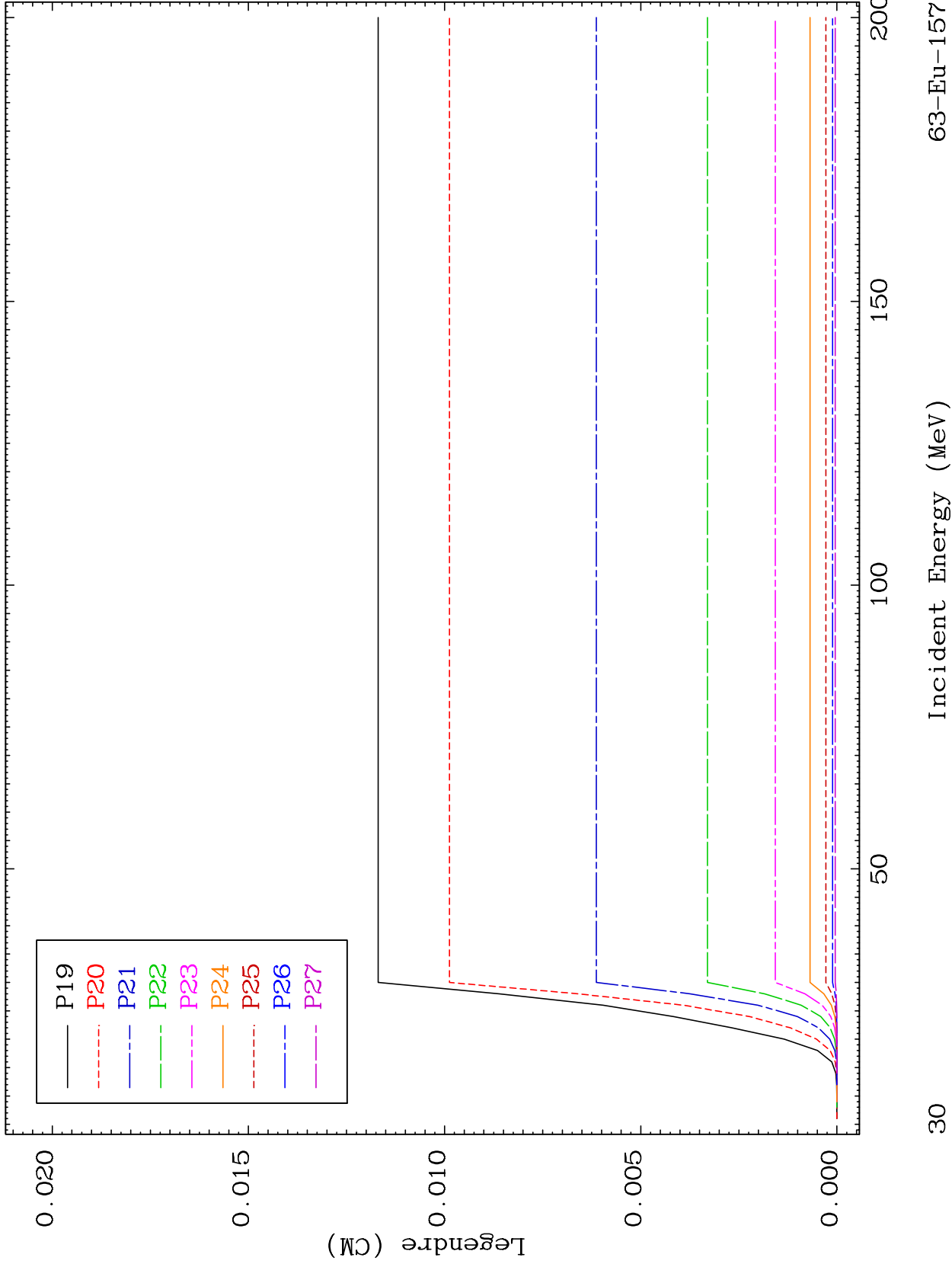
Incident Energy (MeV)

63-Eu-157

MAT 6343

197.9 keV (n,n') Level
Legendre Coefficients

63-Eu-157



30

50

100

150

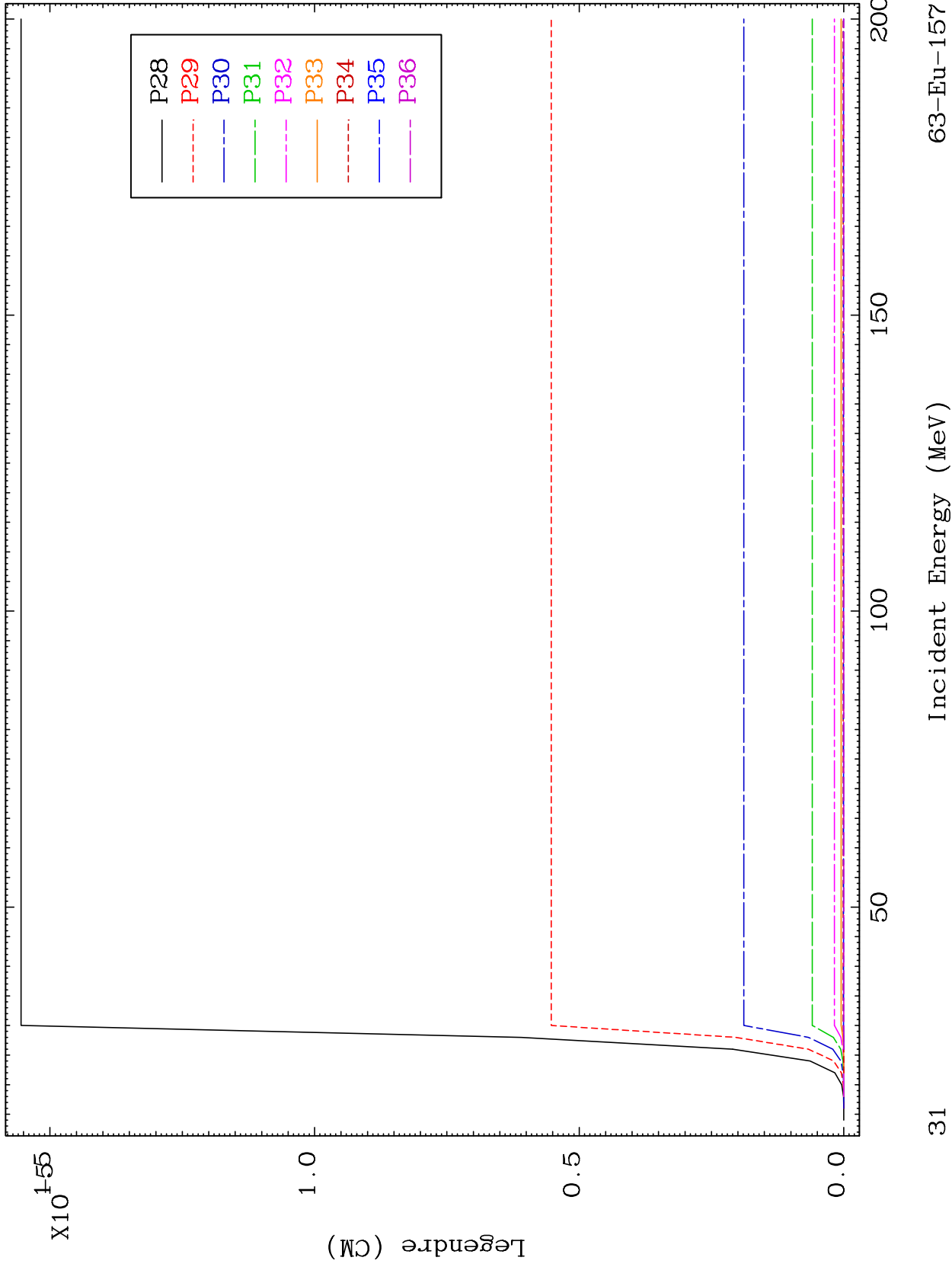
200

63-Eu-157

MAT 6343

197.9 keV (n,n') Level
Legendre Coefficients

63-Eu-157



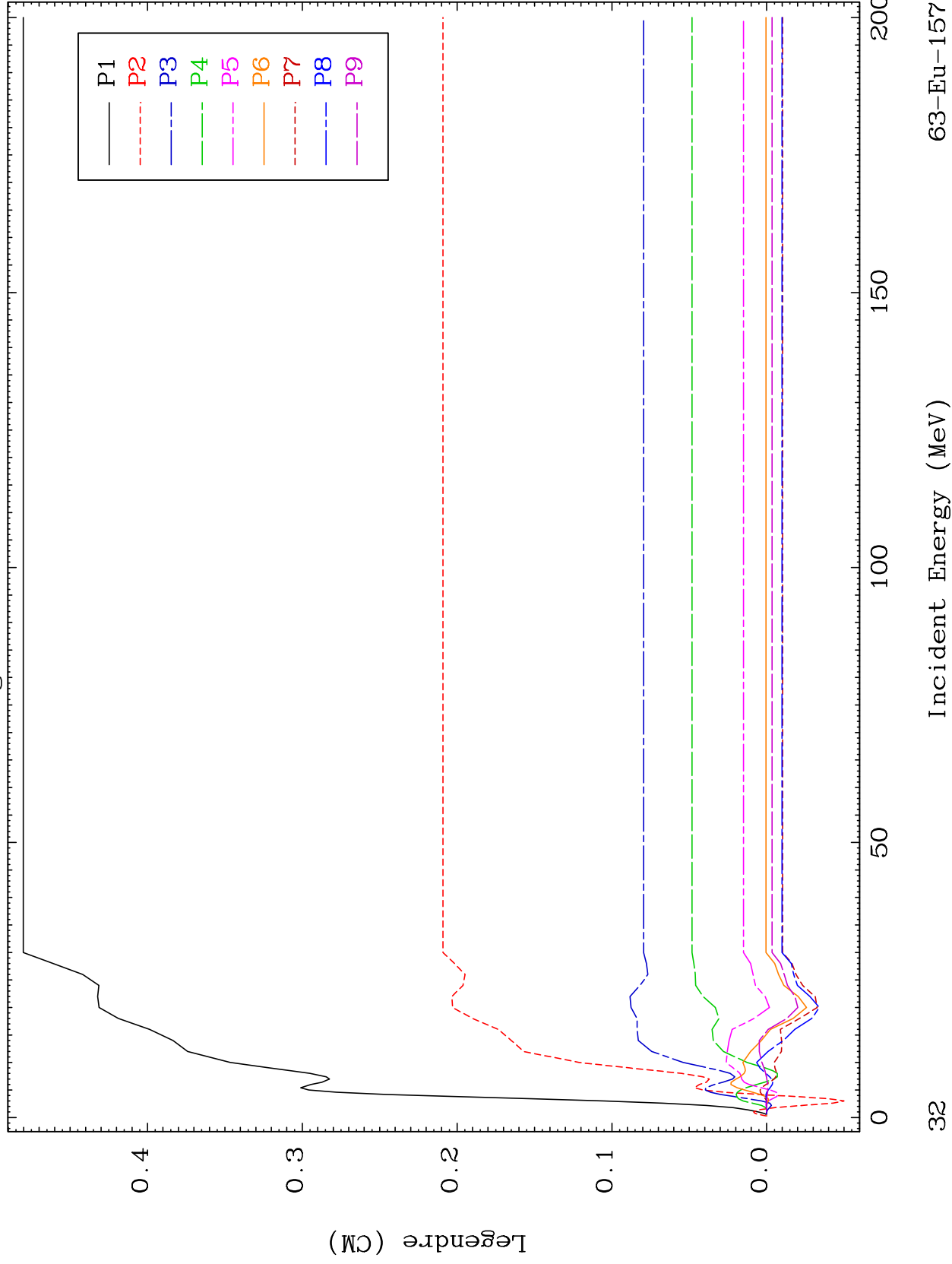
31

63-Eu-157

MAT 6343

263.2 keV (n,n') Level
Legendre Coefficients

63-Eu-157

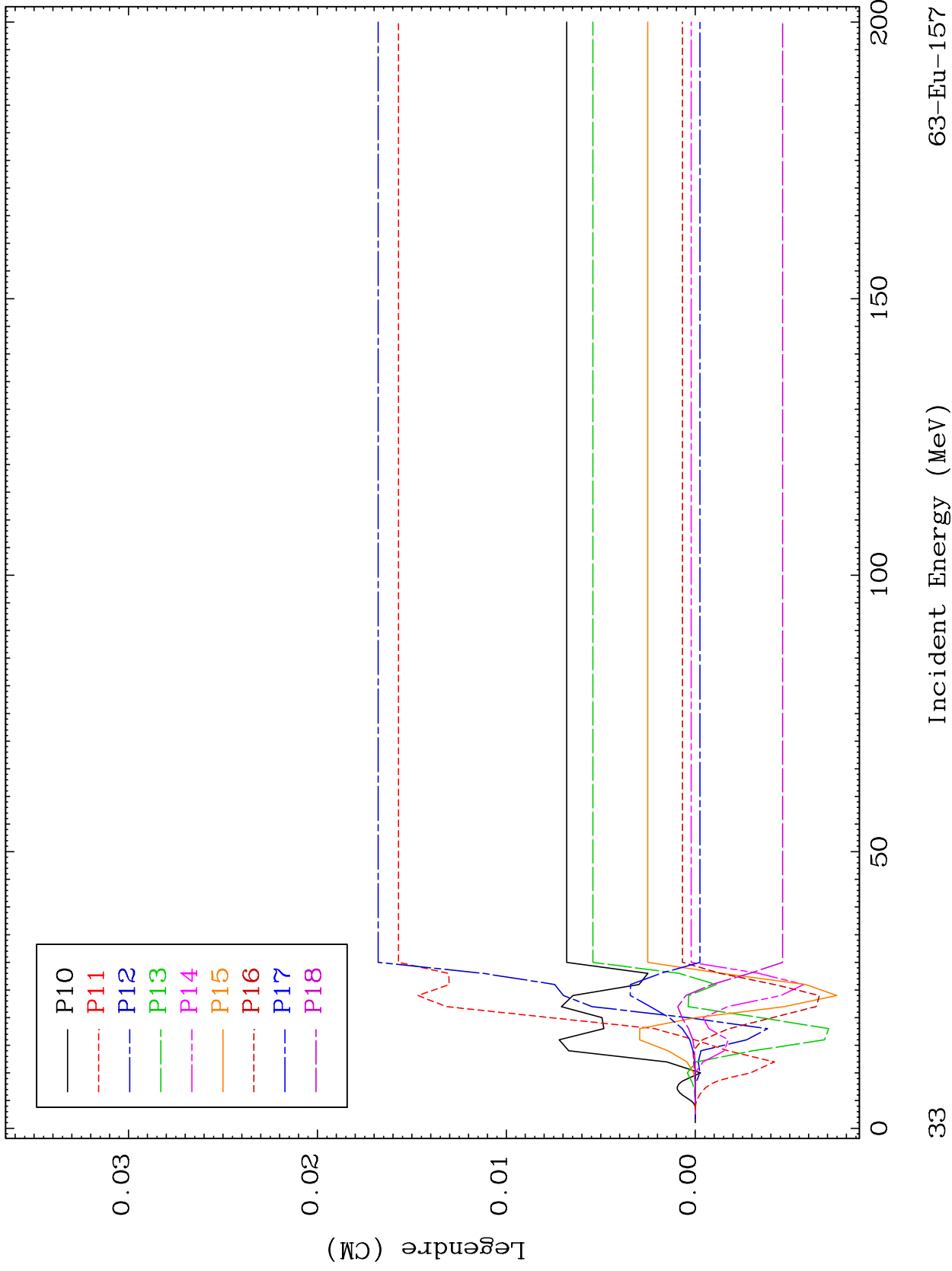


32

MAT 6343

263.2 keV (n, n') Level
Legendre Coefficients

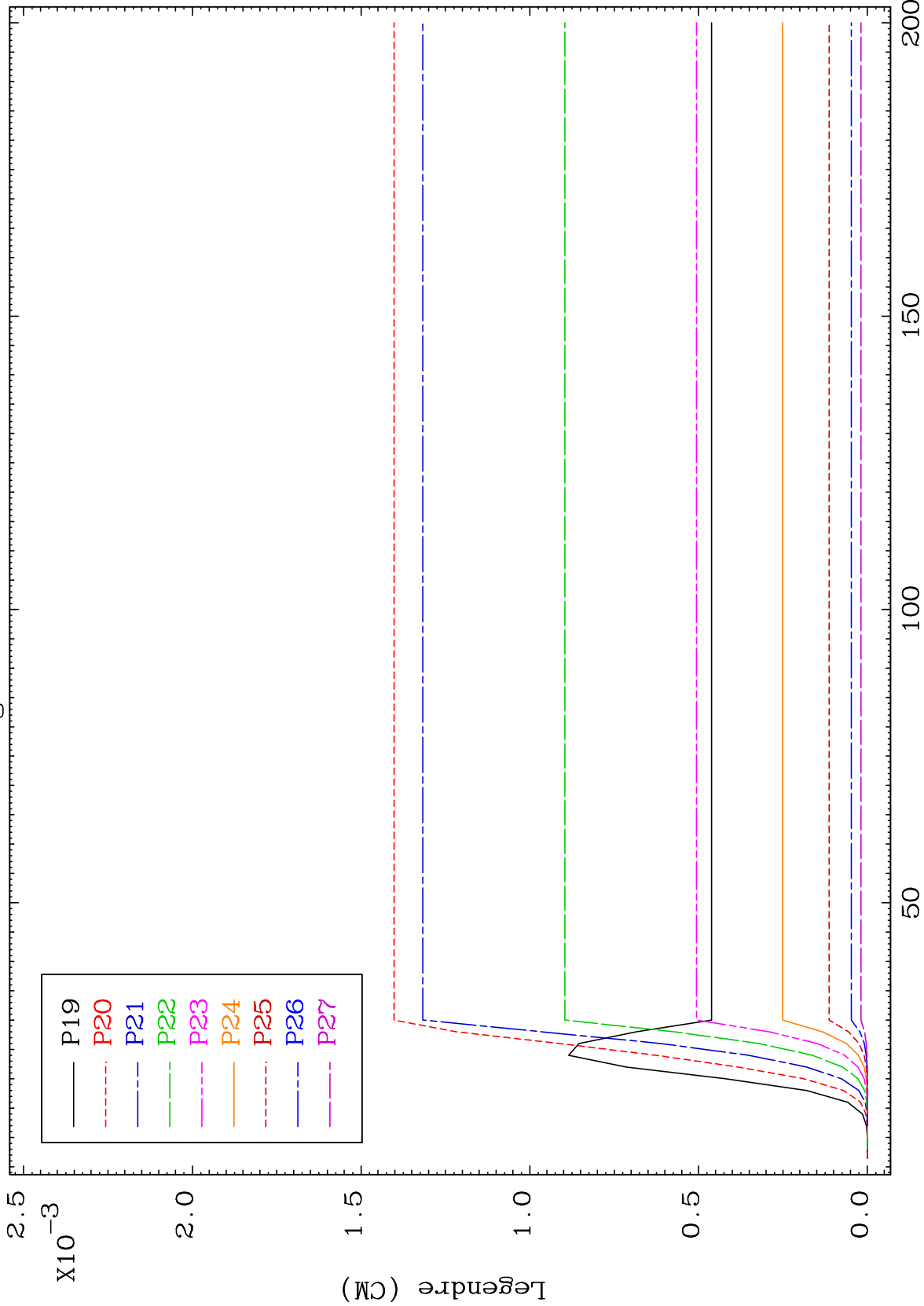
63-Eu-157



33

Incident Energy (MeV)

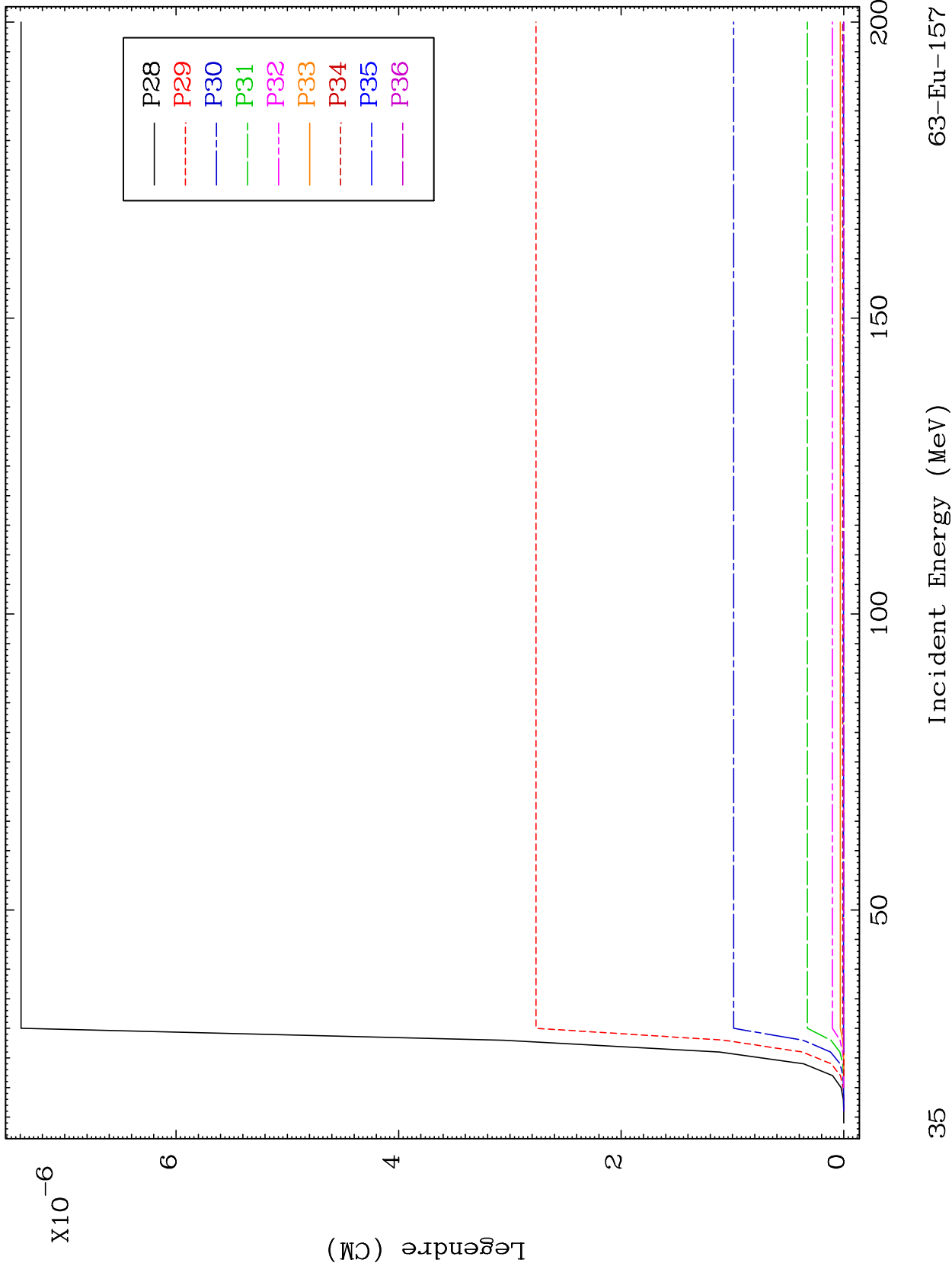
63-Eu-157



MAT 6343

263.2 keV (n,n') Level
Legendre Coefficients

63-Eu-157



35

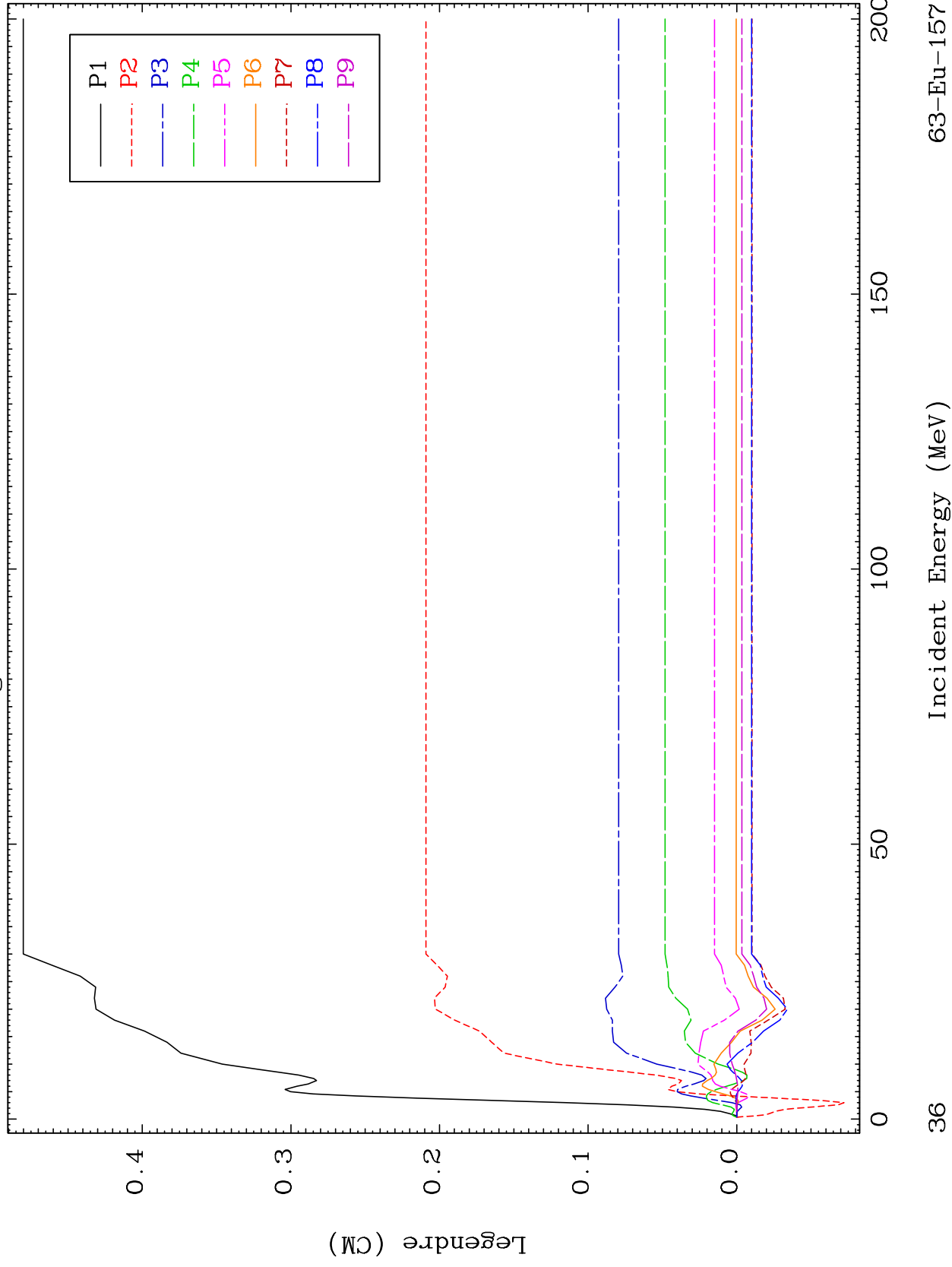
Incident Energy (MeV)

63-Eu-157

MAT 6343

296.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



36

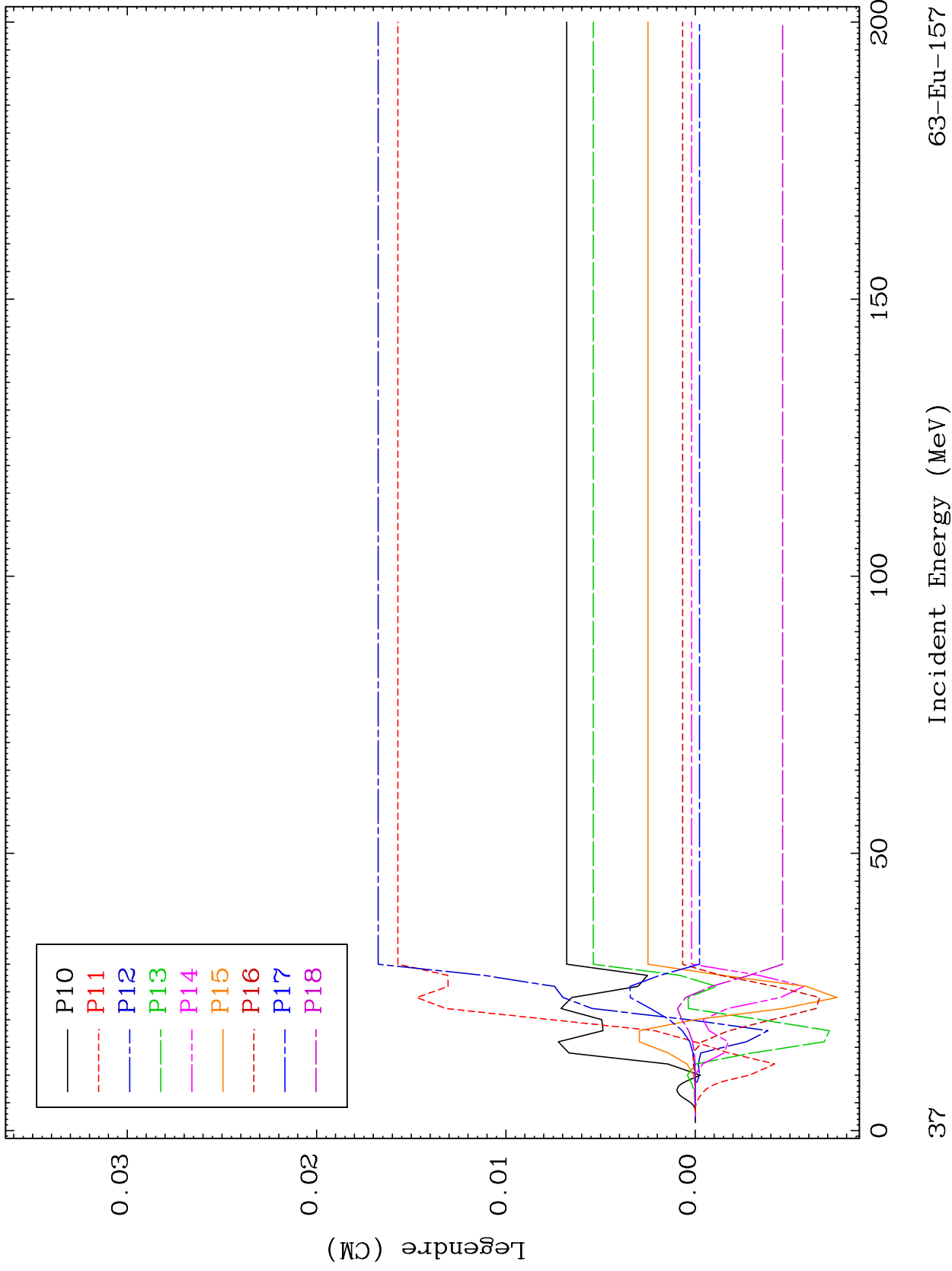
Incident Energy (MeV)

63-Eu-157

MAT 6343

296.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



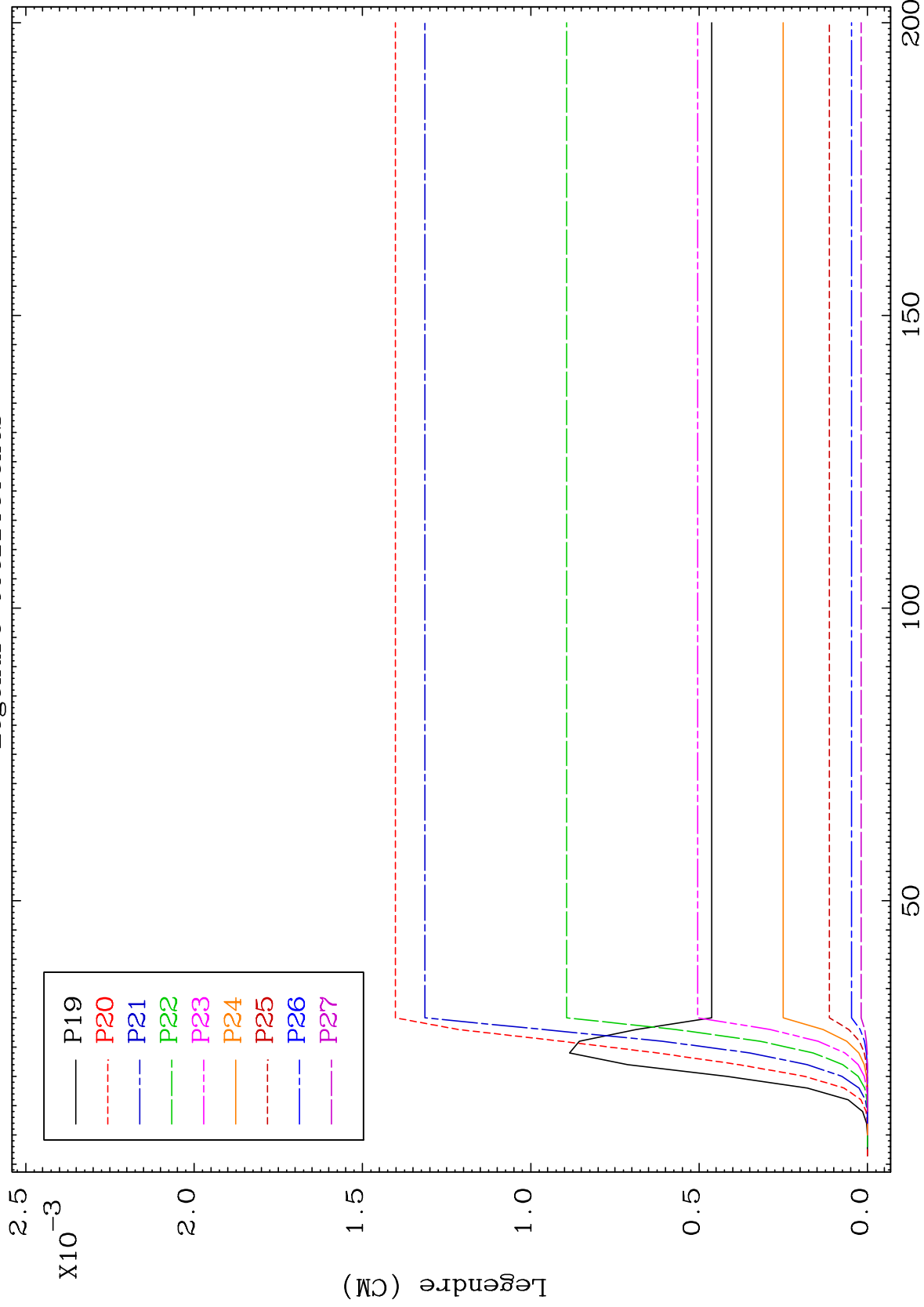
37

63-Eu-157

MAT 6343

296.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



38

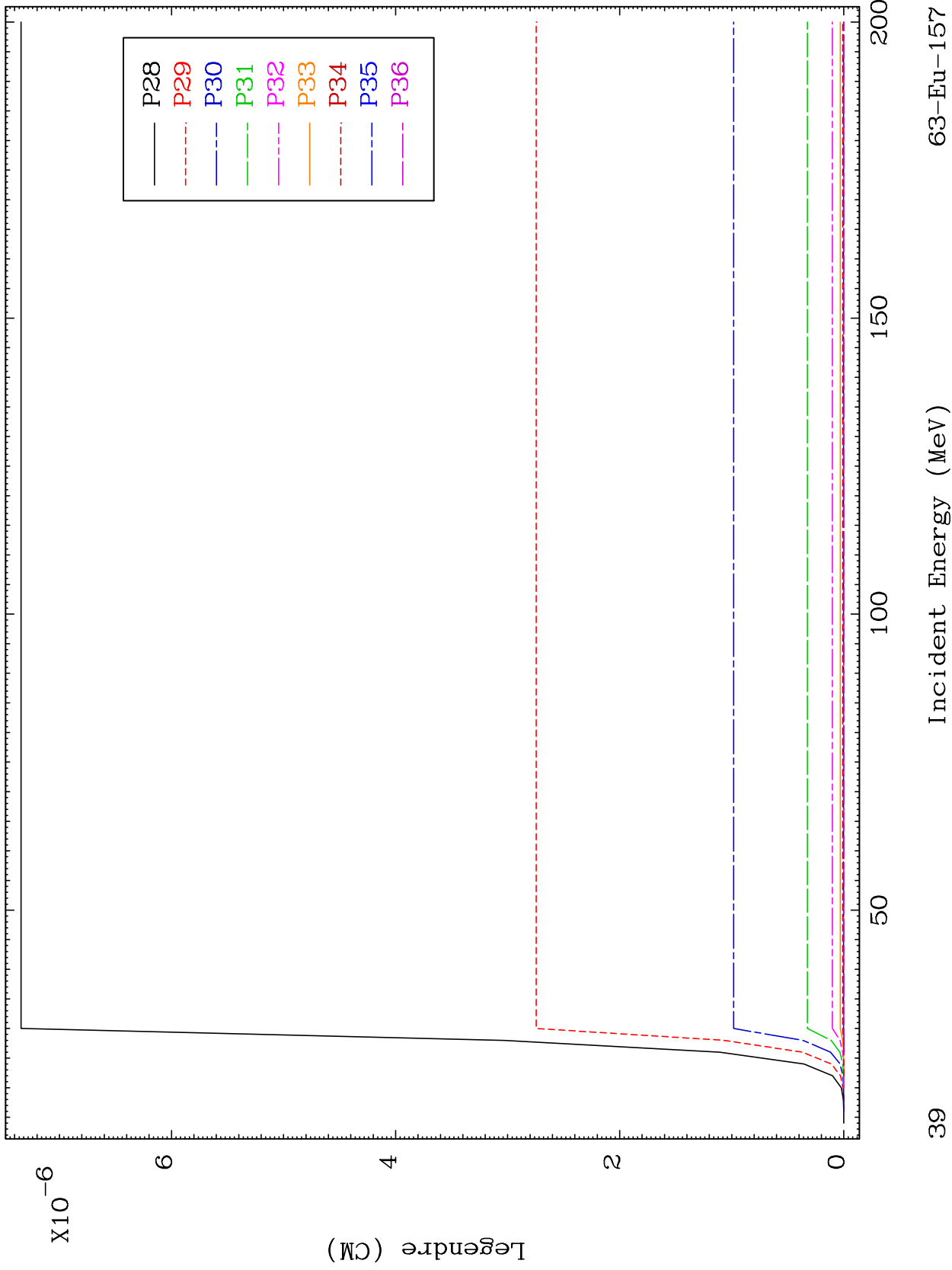
Incident Energy (MeV)

63-Eu-157

MAT 6343

296.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



39

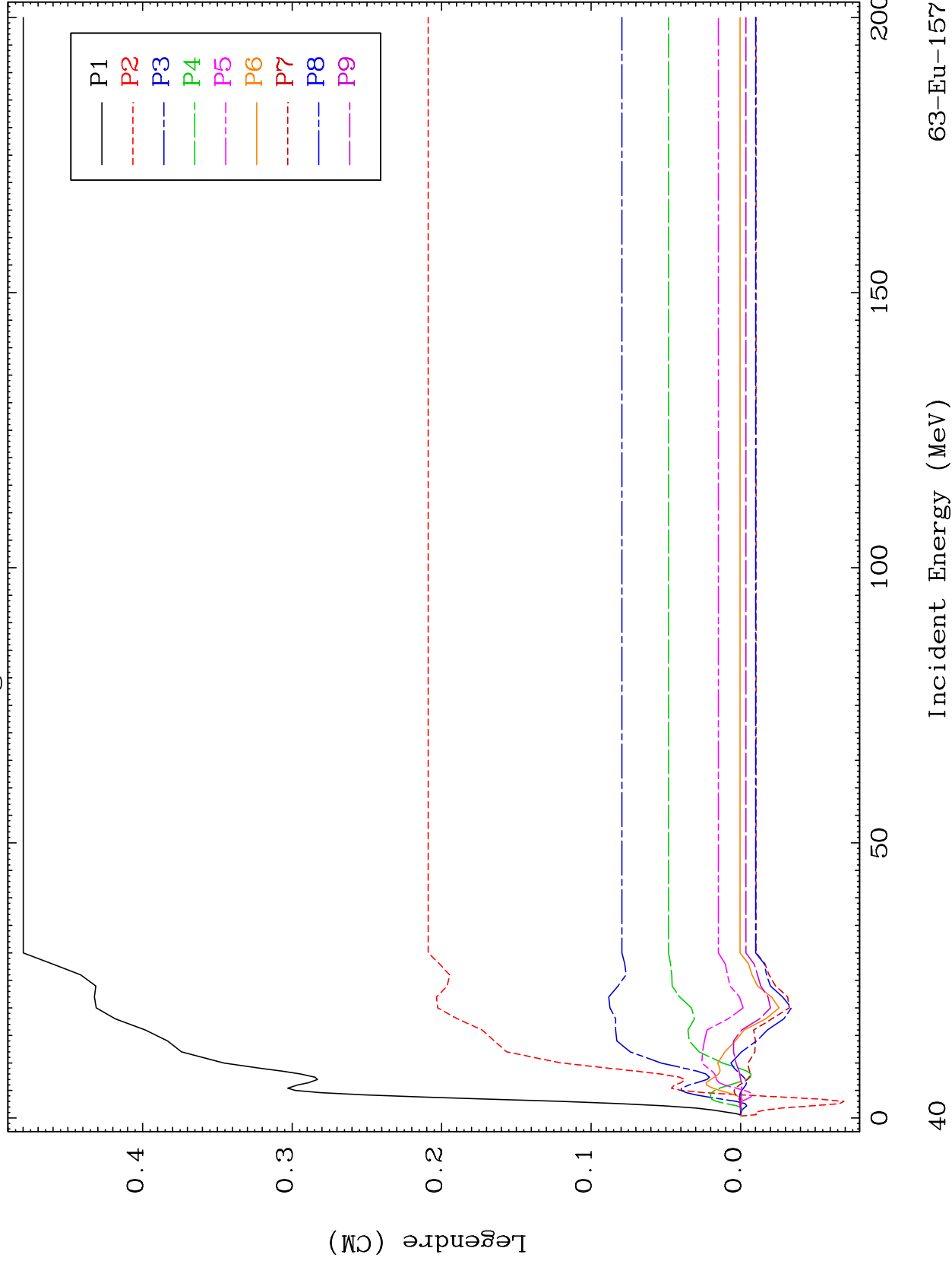
Incident Energy (MeV)

63-Eu-157

MAT 6343

350.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157

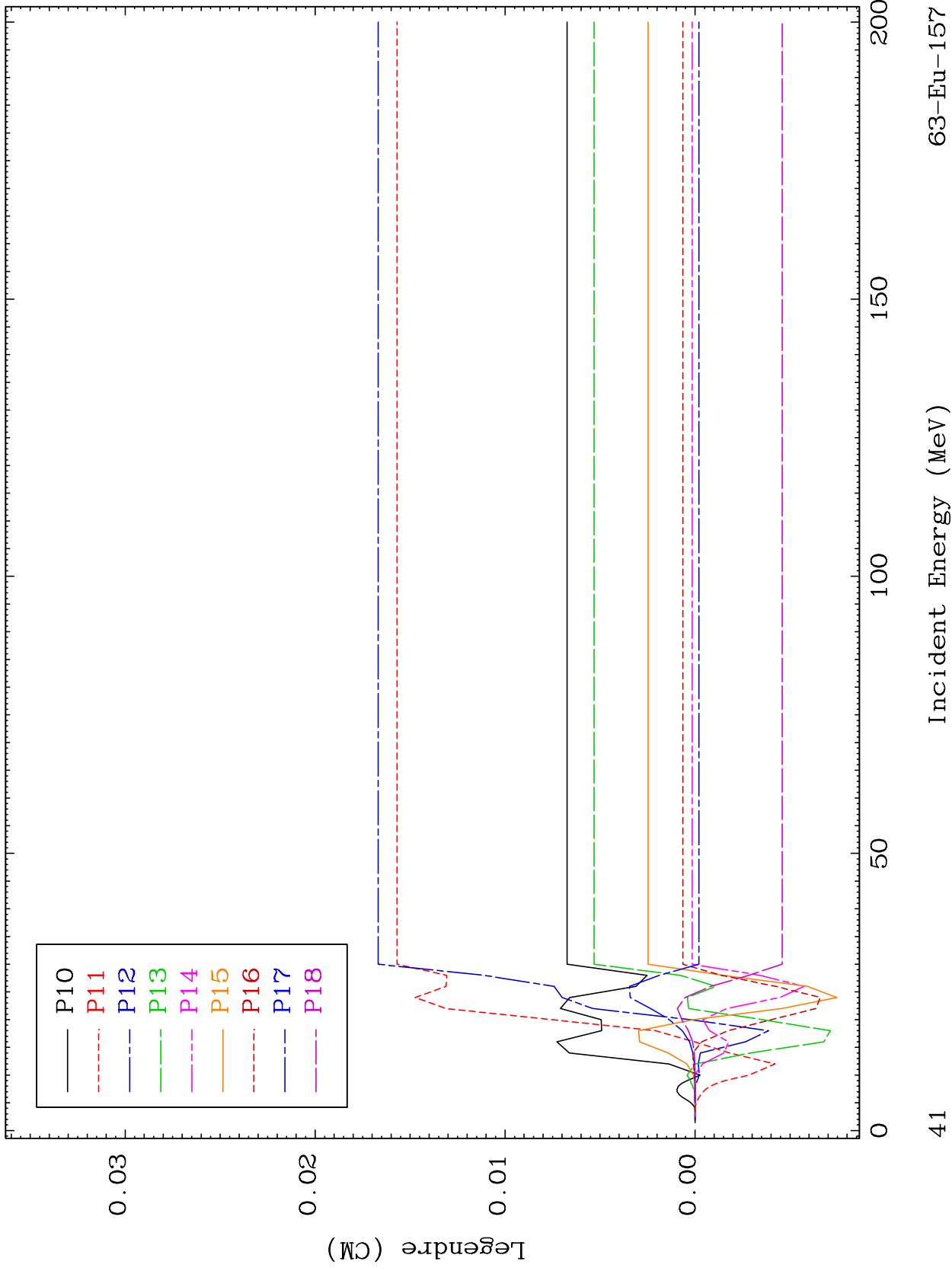


63-Eu-157

MAT 6343

350.0 keV (n, n') Level
Legendre Coefficients

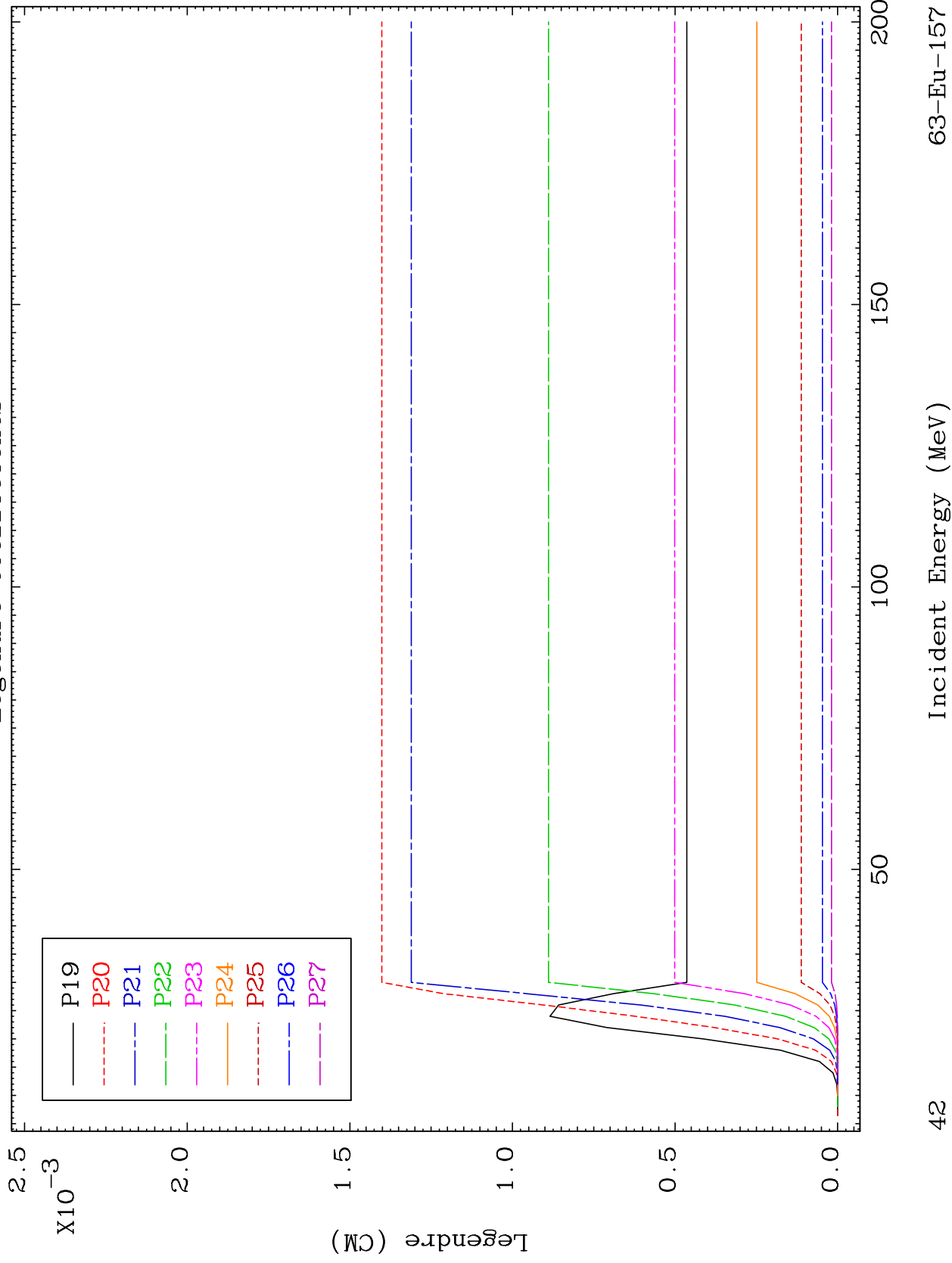
63-Eu-157



MAT 6343

350.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



42

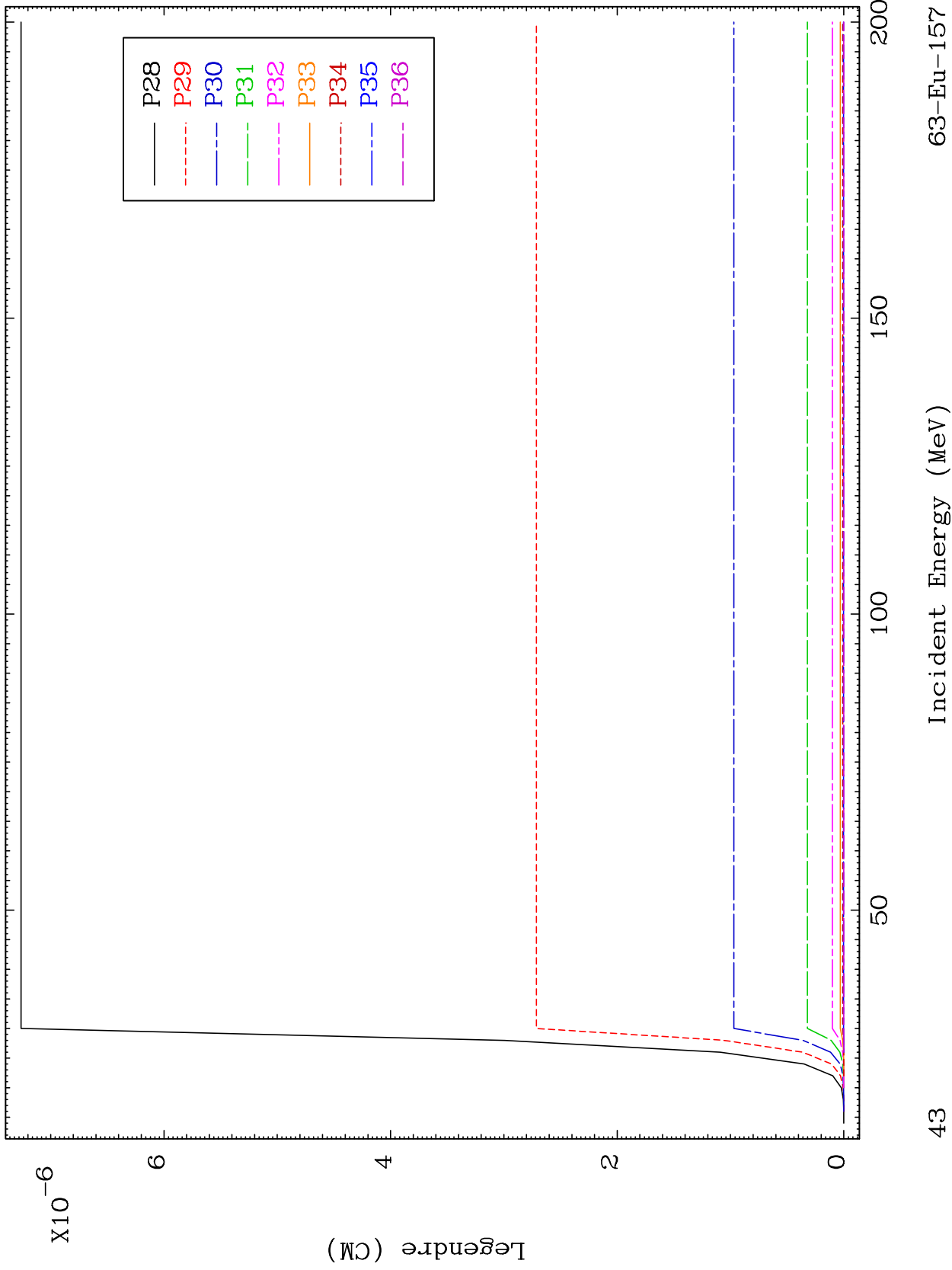
Incident Energy (MeV)

63-Eu-157

MAT 6343

350.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



43

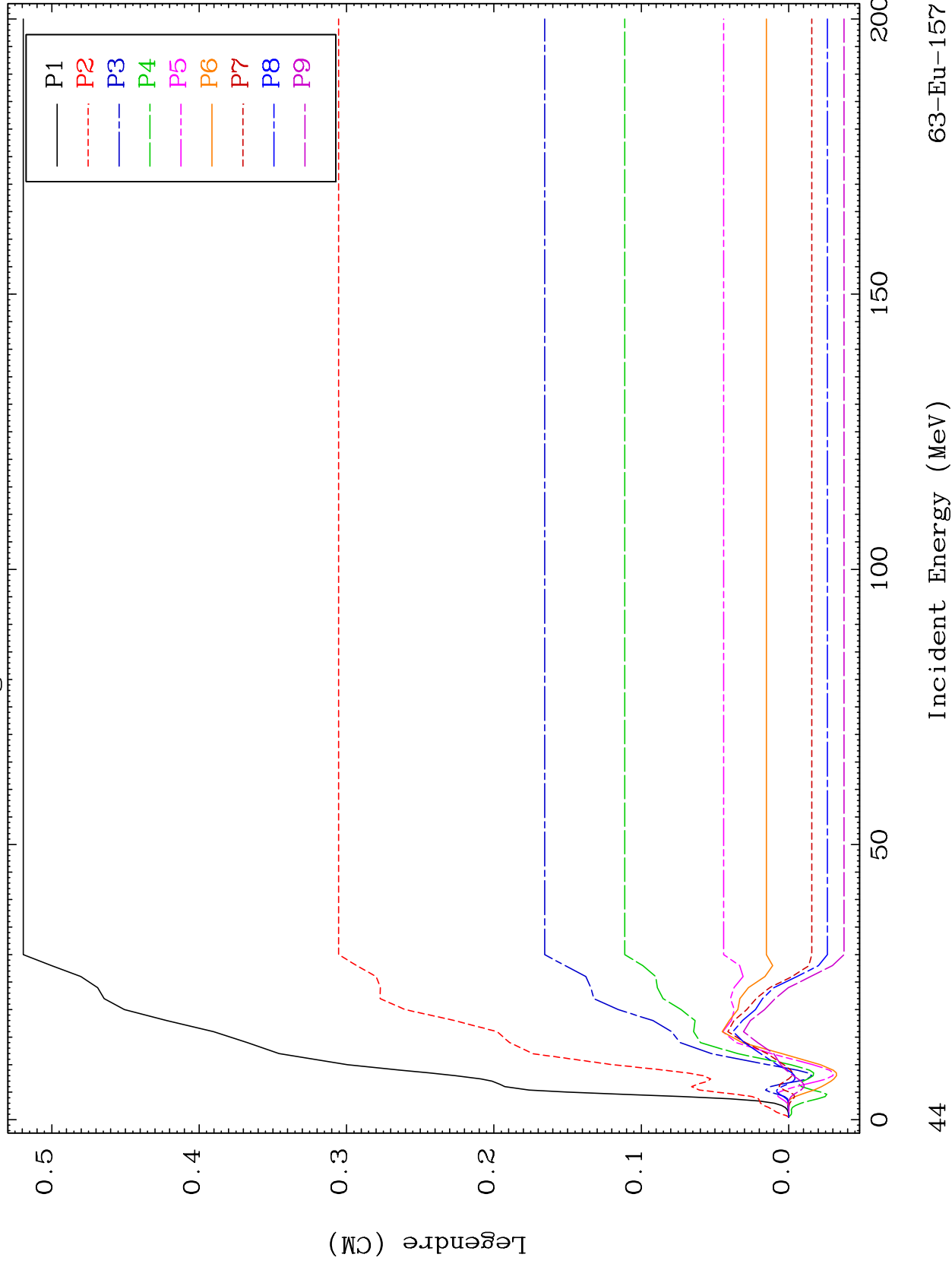
Incident Energy (MeV)

63-Eu-157

MAT 6343

394.3 keV (n,n') Level
Legendre Coefficients

63-Eu-157

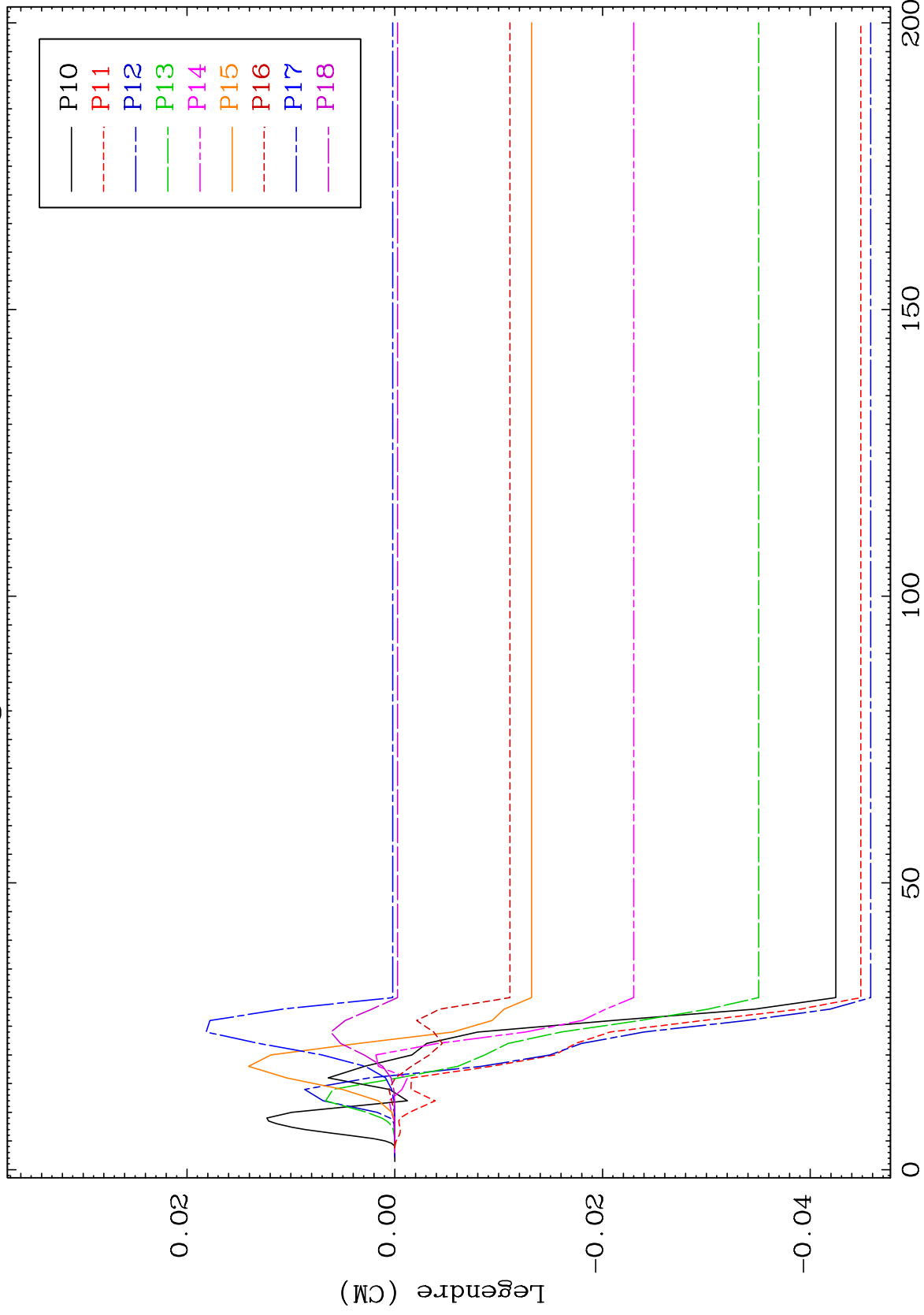


44

MAT 6343

394.3 keV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

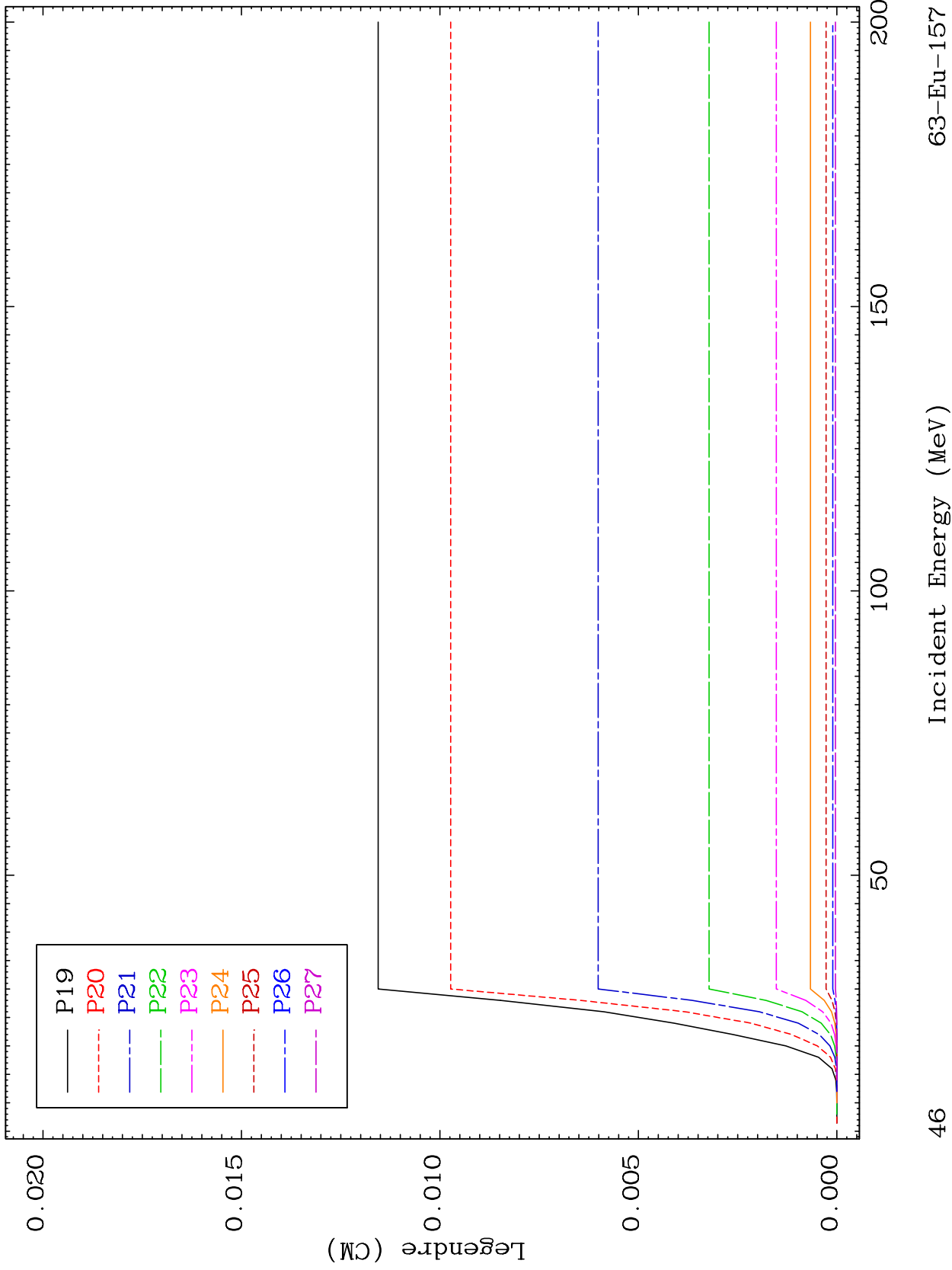
Incident Energy (MeV)

45

MAT 6343

394.3 keV (n, n') Level
Legendre Coefficients

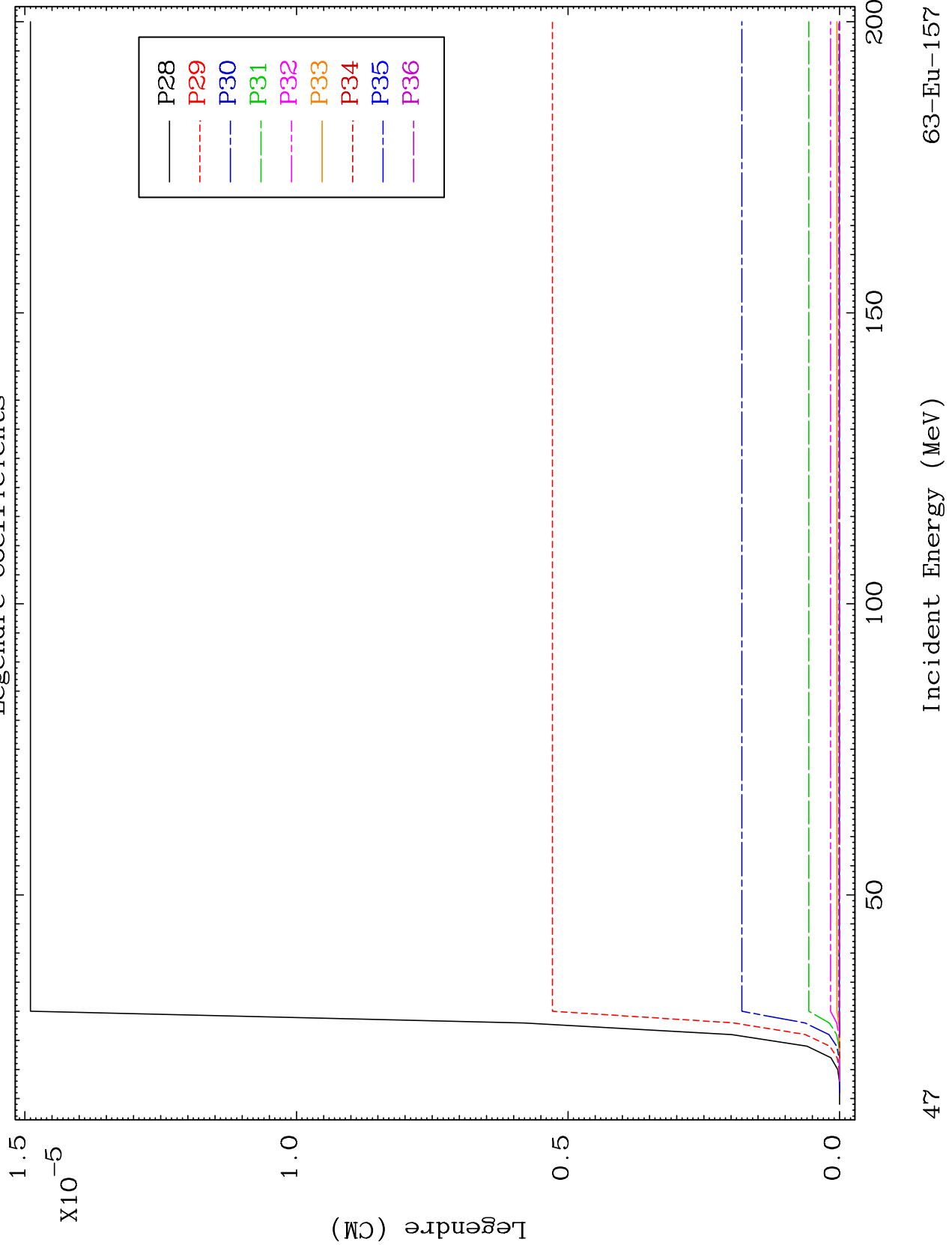
63-Eu-157



46

Incident Energy (MeV)

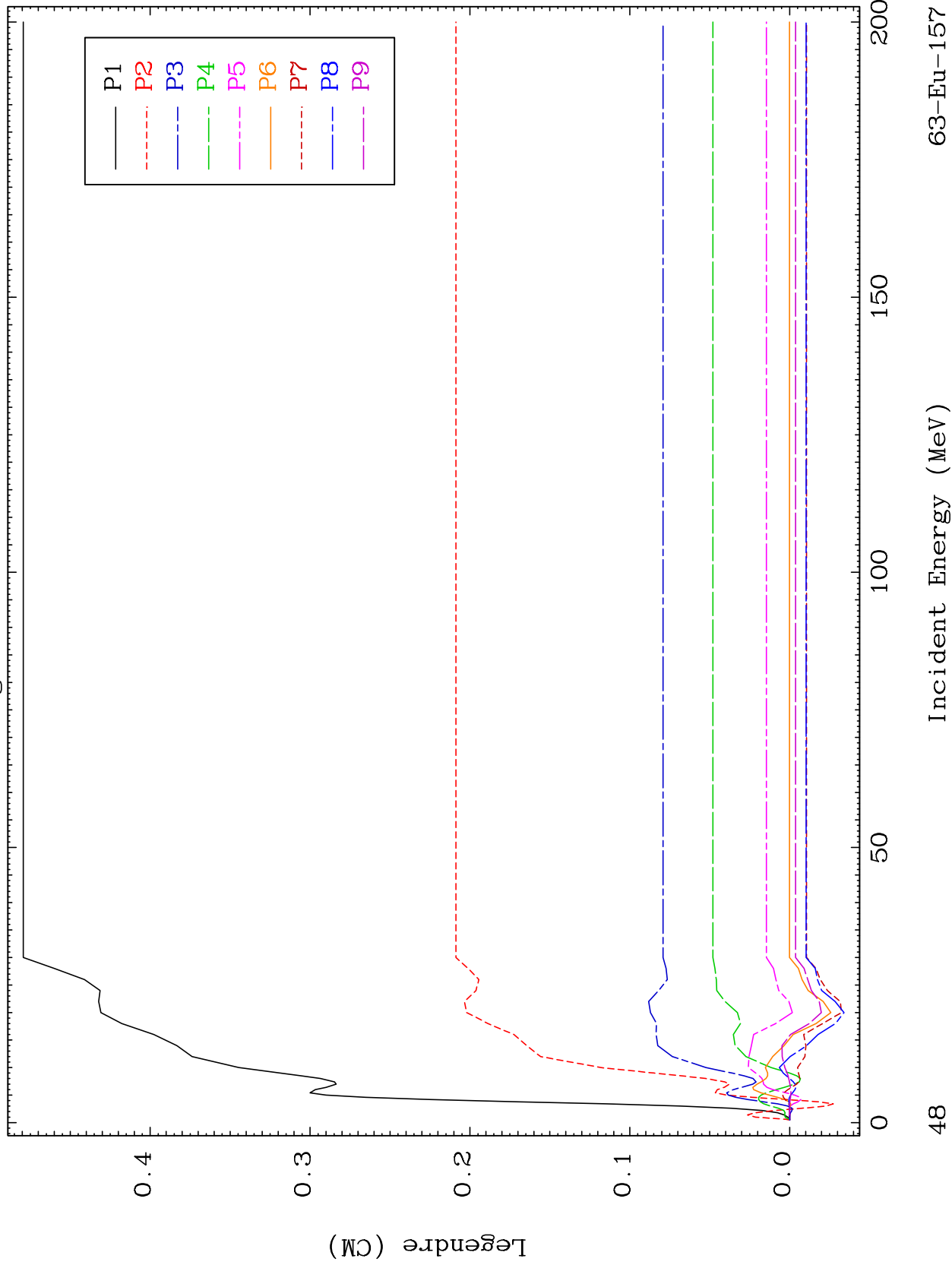
63-Eu-157



MAT 6343

453.5 keV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

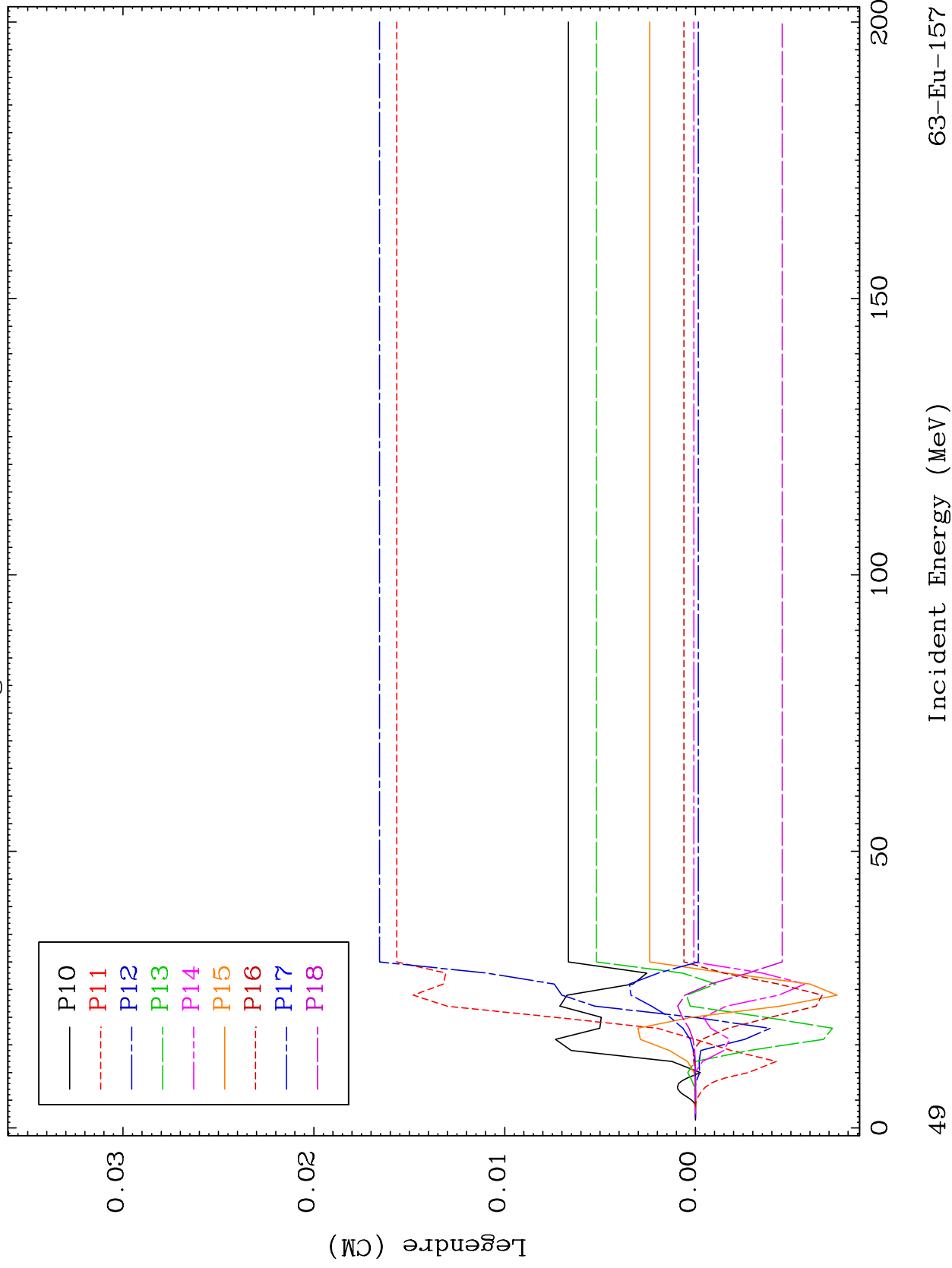
Incident Energy (MeV)

48

MAT 6343

453.5 keV (n, n') Level
Legendre Coefficients

63-Eu-157



49

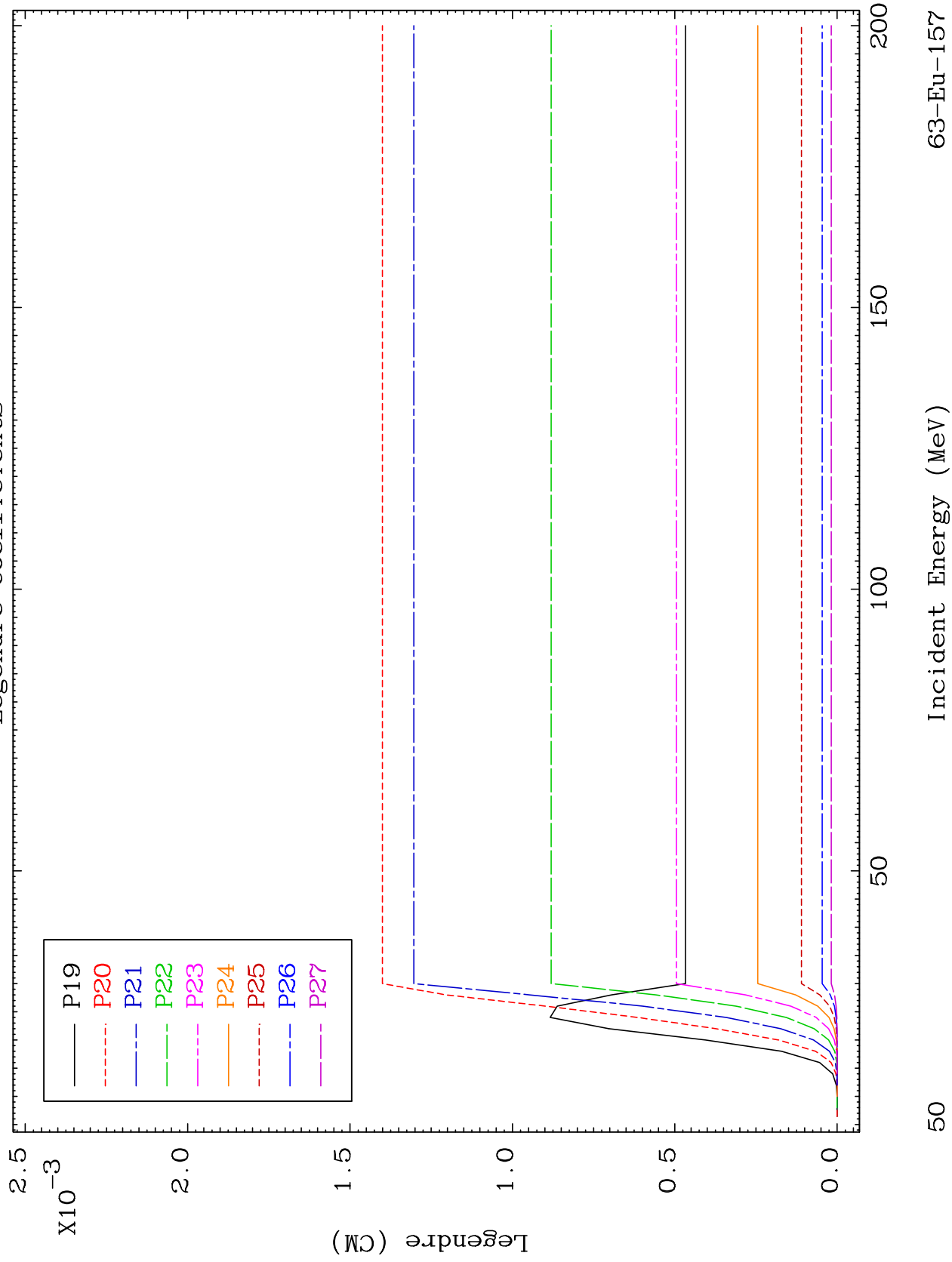
Incident Energy (MeV)

63-Eu-157

MAT 6343

453.5 keV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

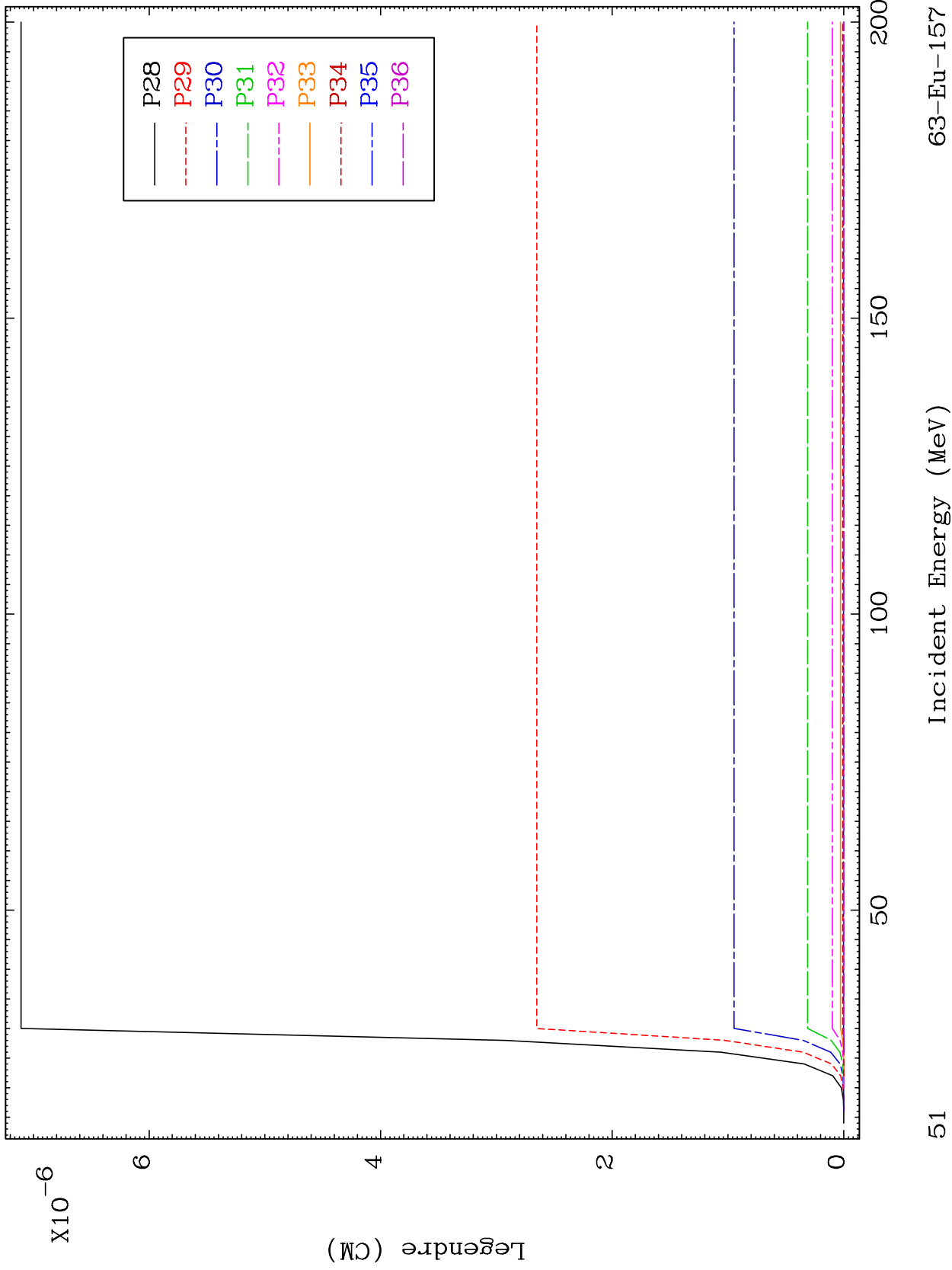
Incident Energy (MeV)

50

MAT 6343

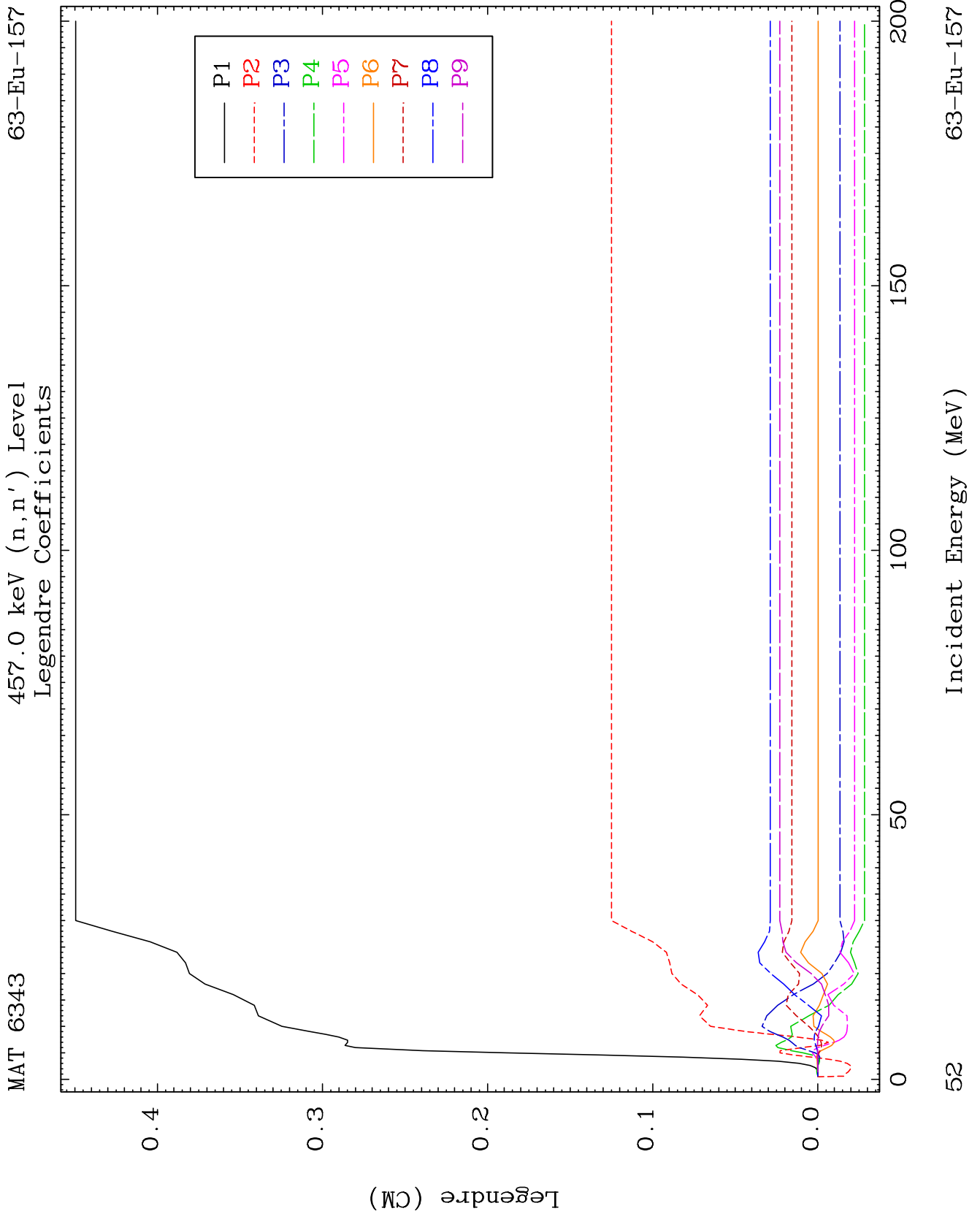
453.5 keV (n,n') Level
Legendre Coefficients

63-Eu-157



51

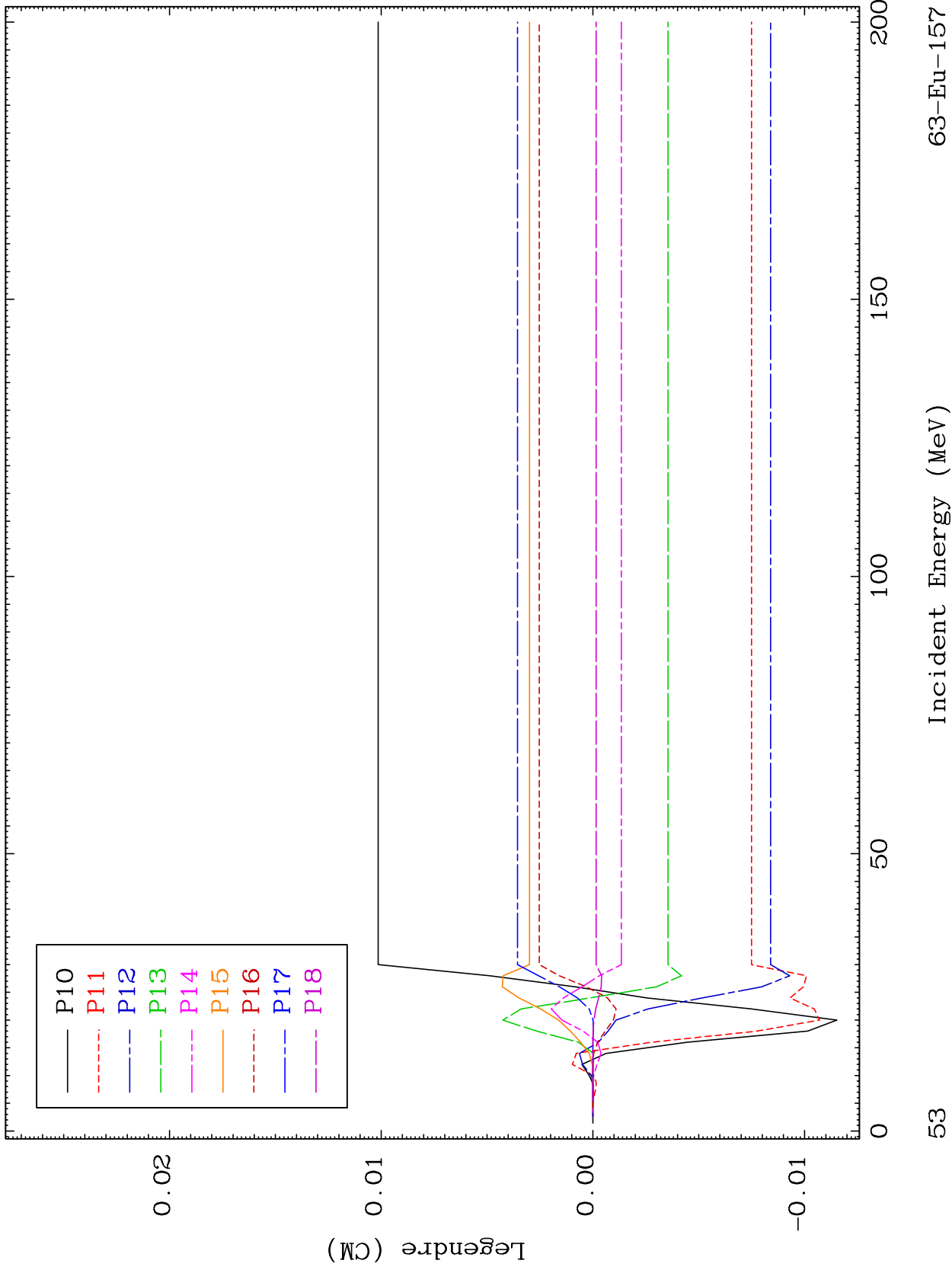
63-Eu-157



MAT 6343

457.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

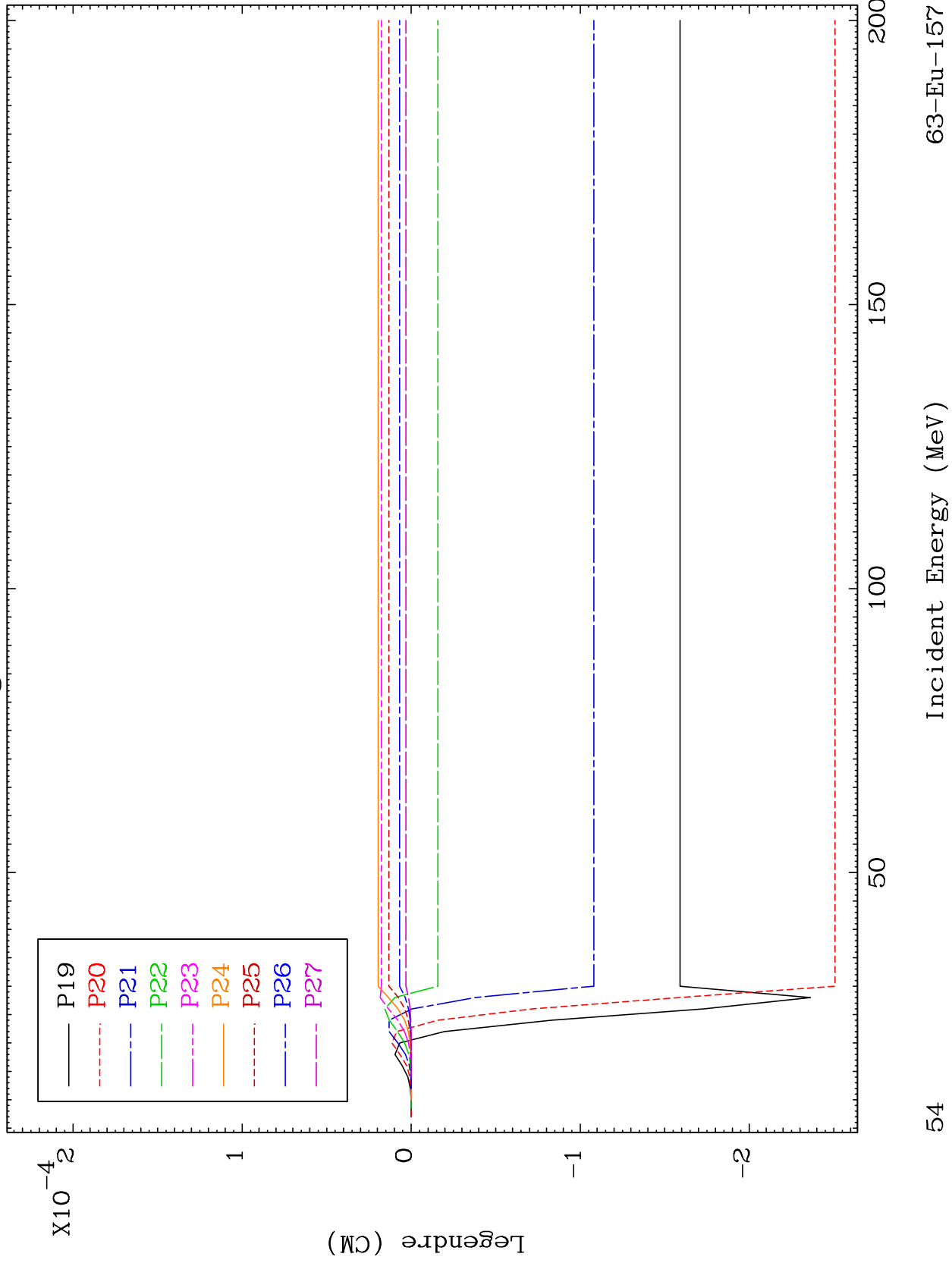
Incident Energy (MeV)

53

MAT 6343

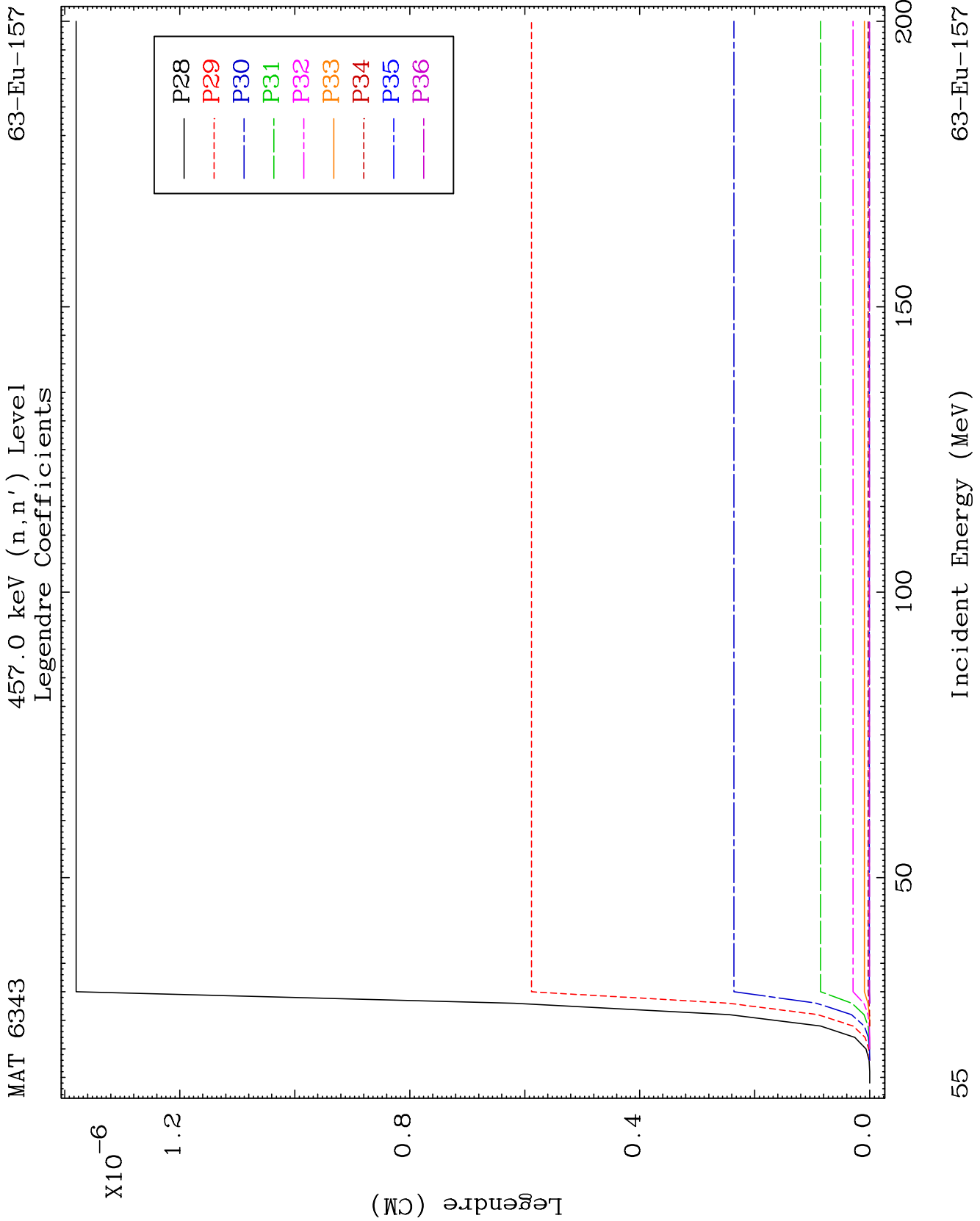
457.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



54

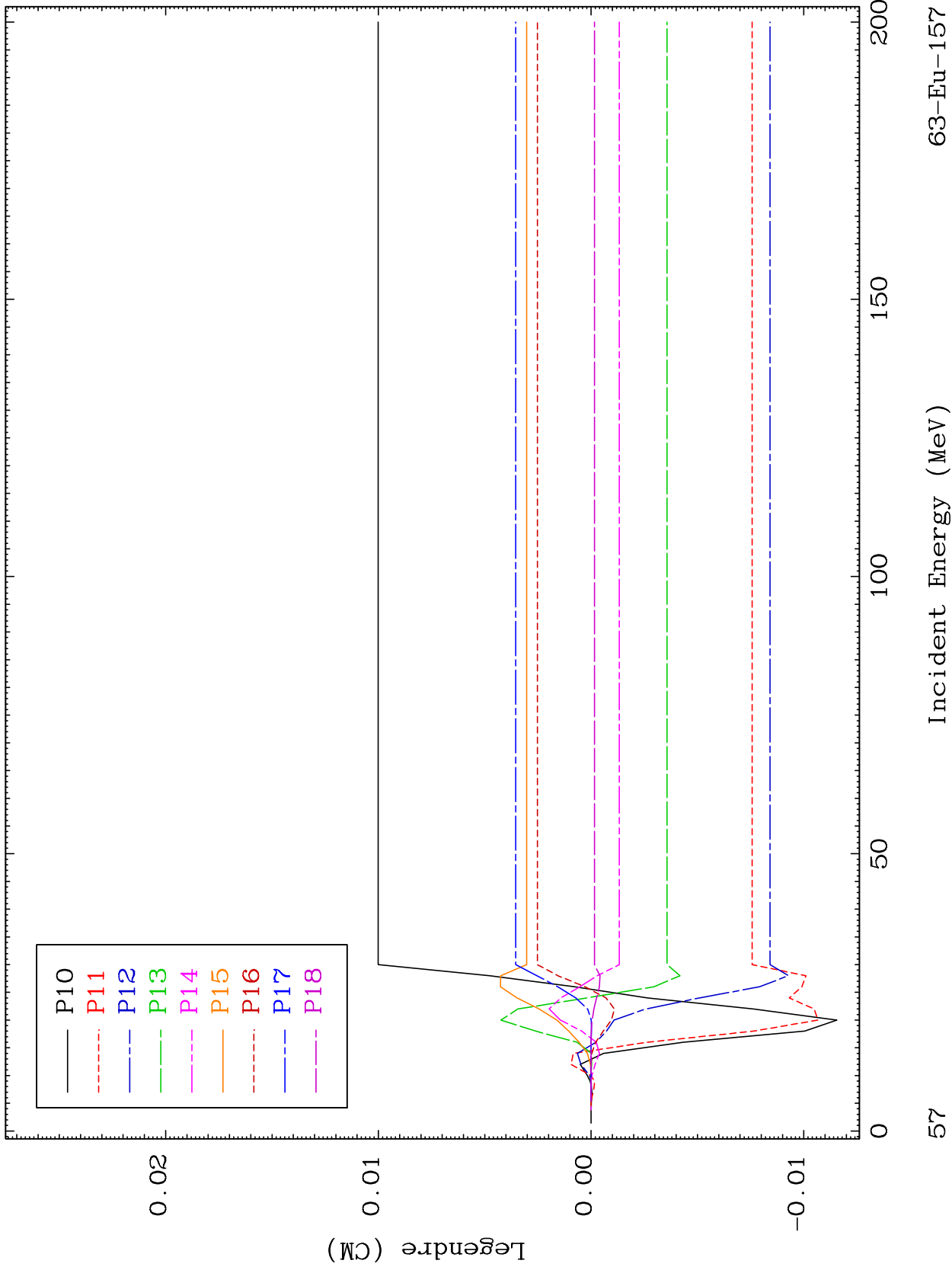
63-Eu-157



MAT 6343

539.0 keV (n,n') Level
Legendre Coefficients

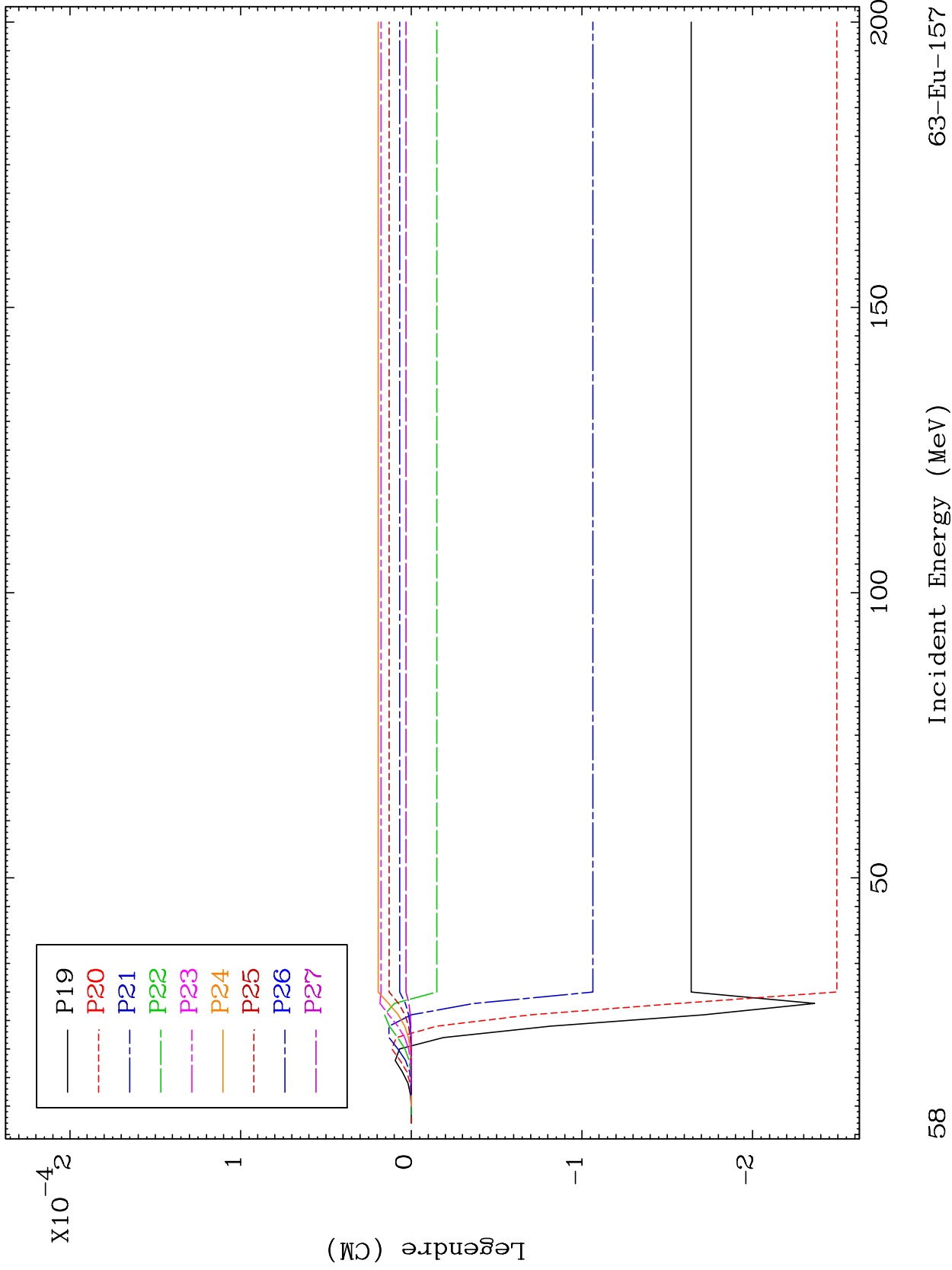
63-Eu-157



MAT 6343

539.0 keV (n,n') Level
Legendre Coefficients

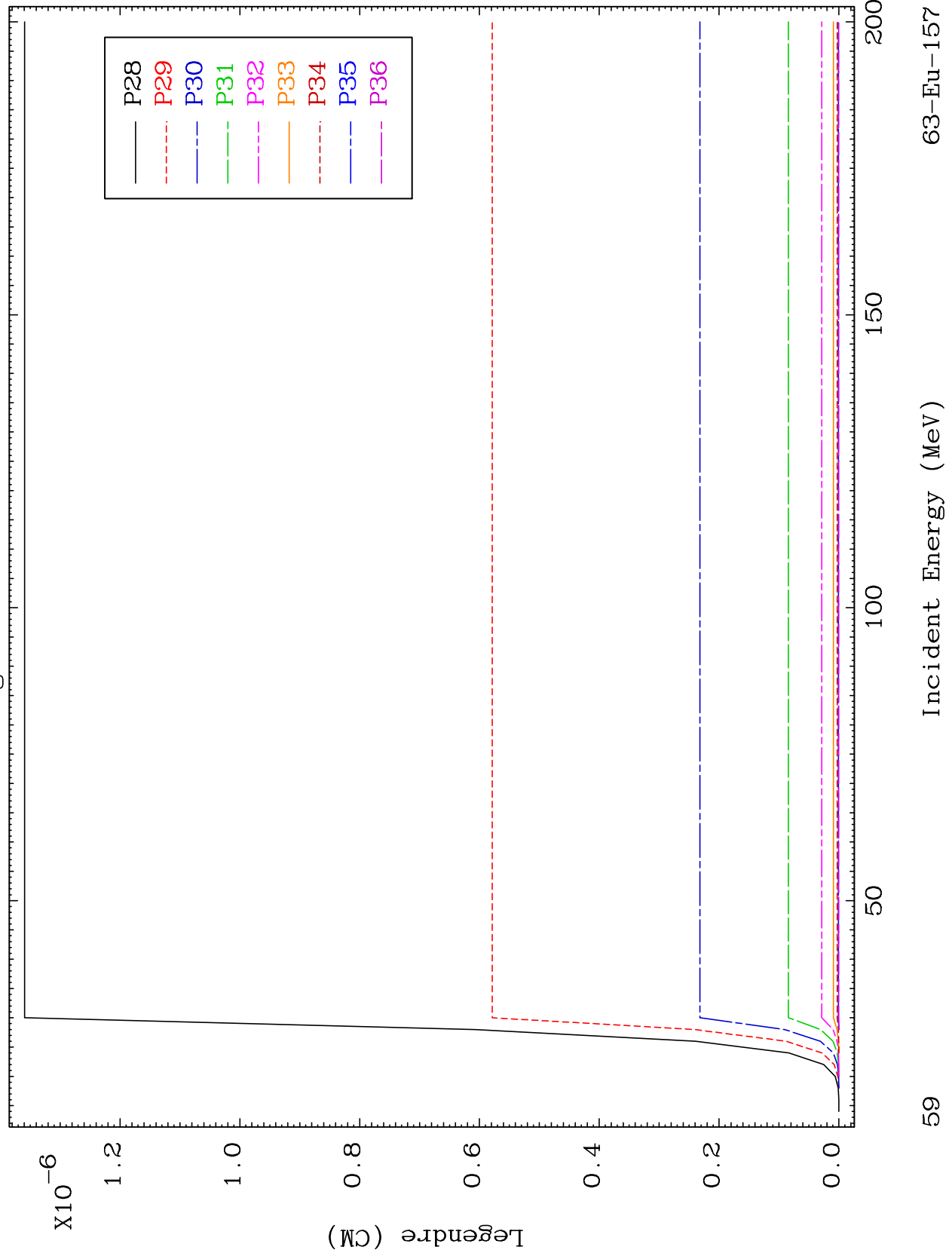
63-Eu-157



58

Incident Energy (MeV)

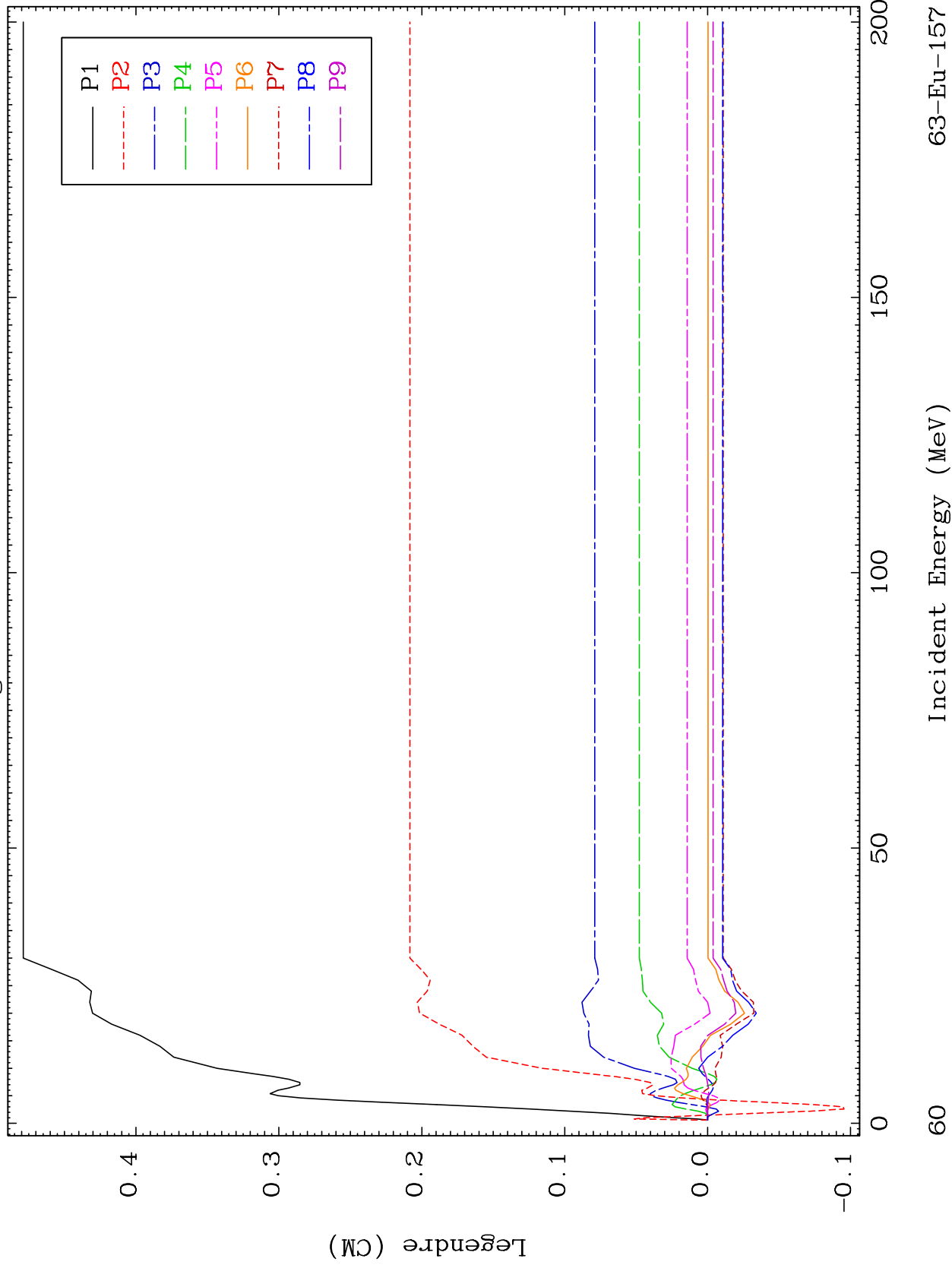
63-Eu-157



MAT 6343

584.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157

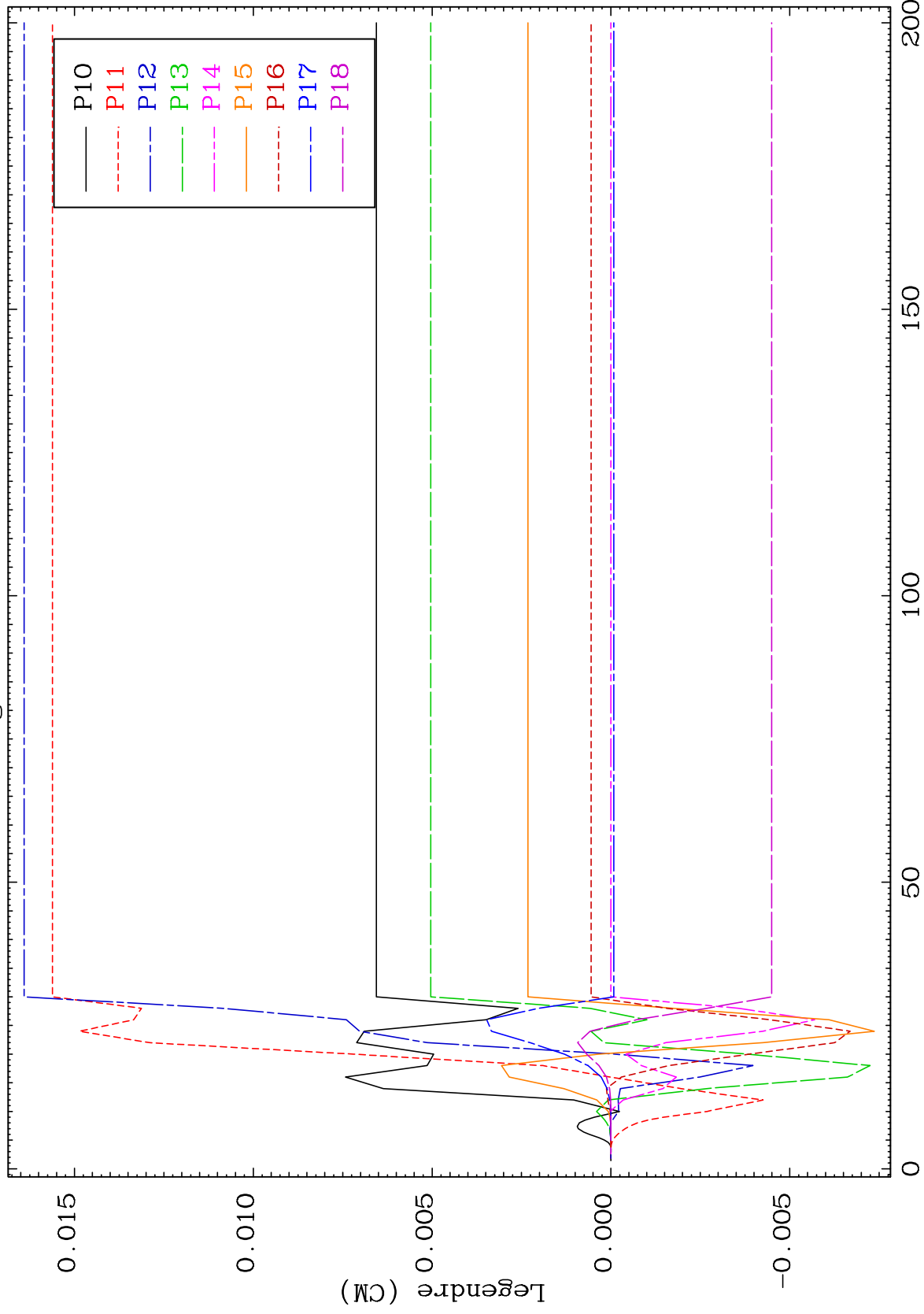


63-Eu-157

MAT 6343

584.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



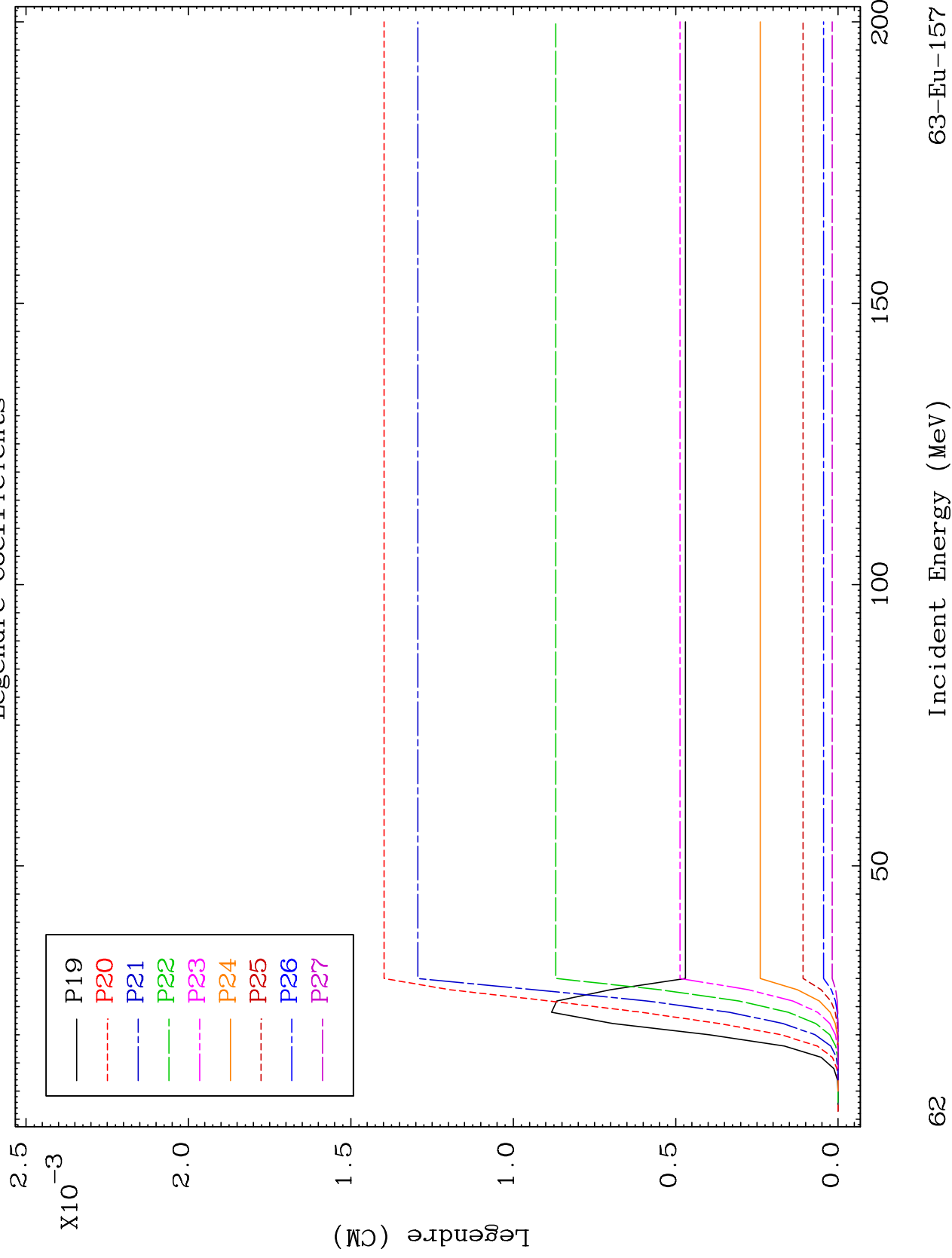
61

63-Eu-157

MAT 6343

584.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



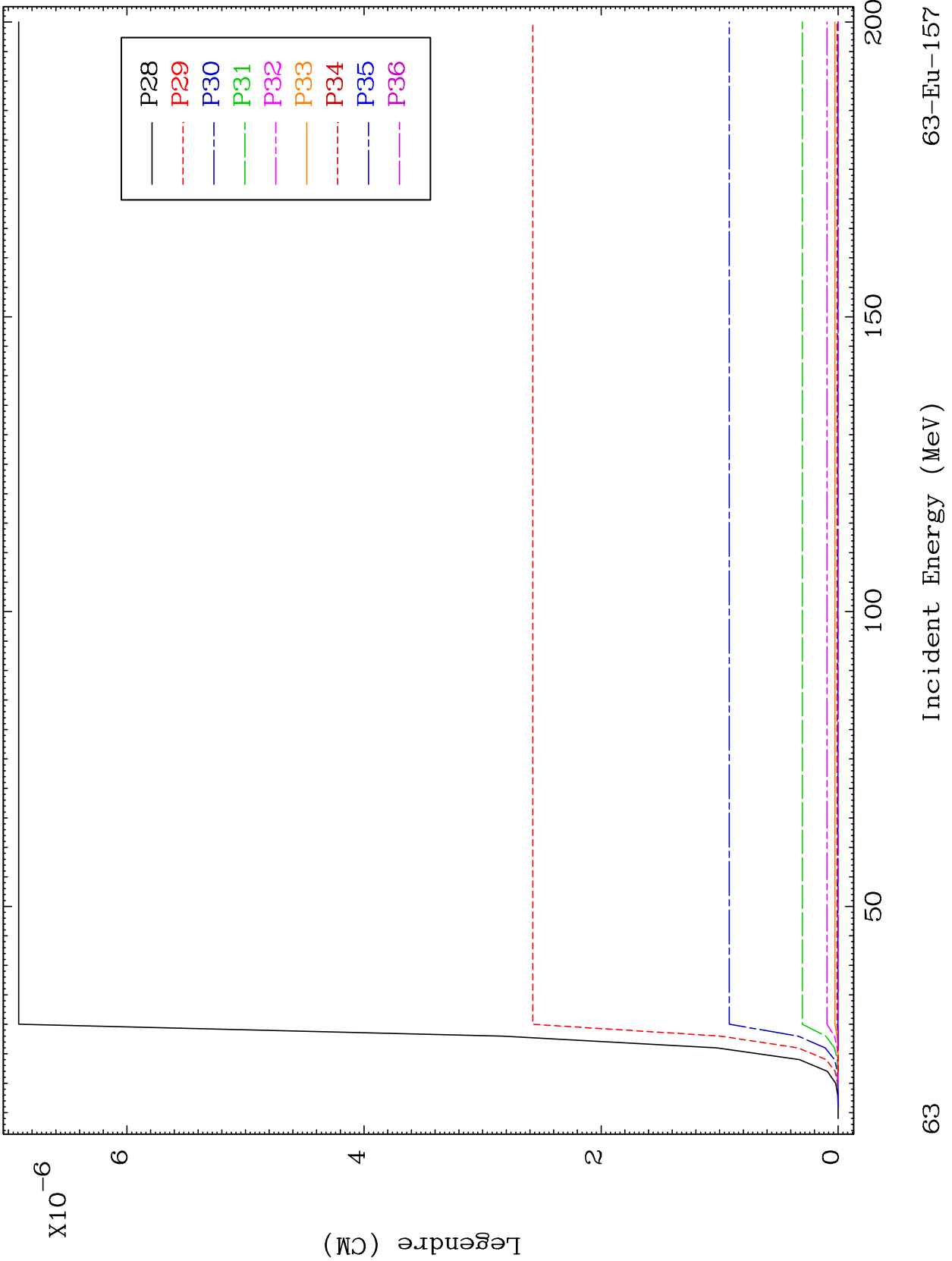
62

63-Eu-157

MAT 6343

584.0 keV (n,n') Level
Legendre Coefficients

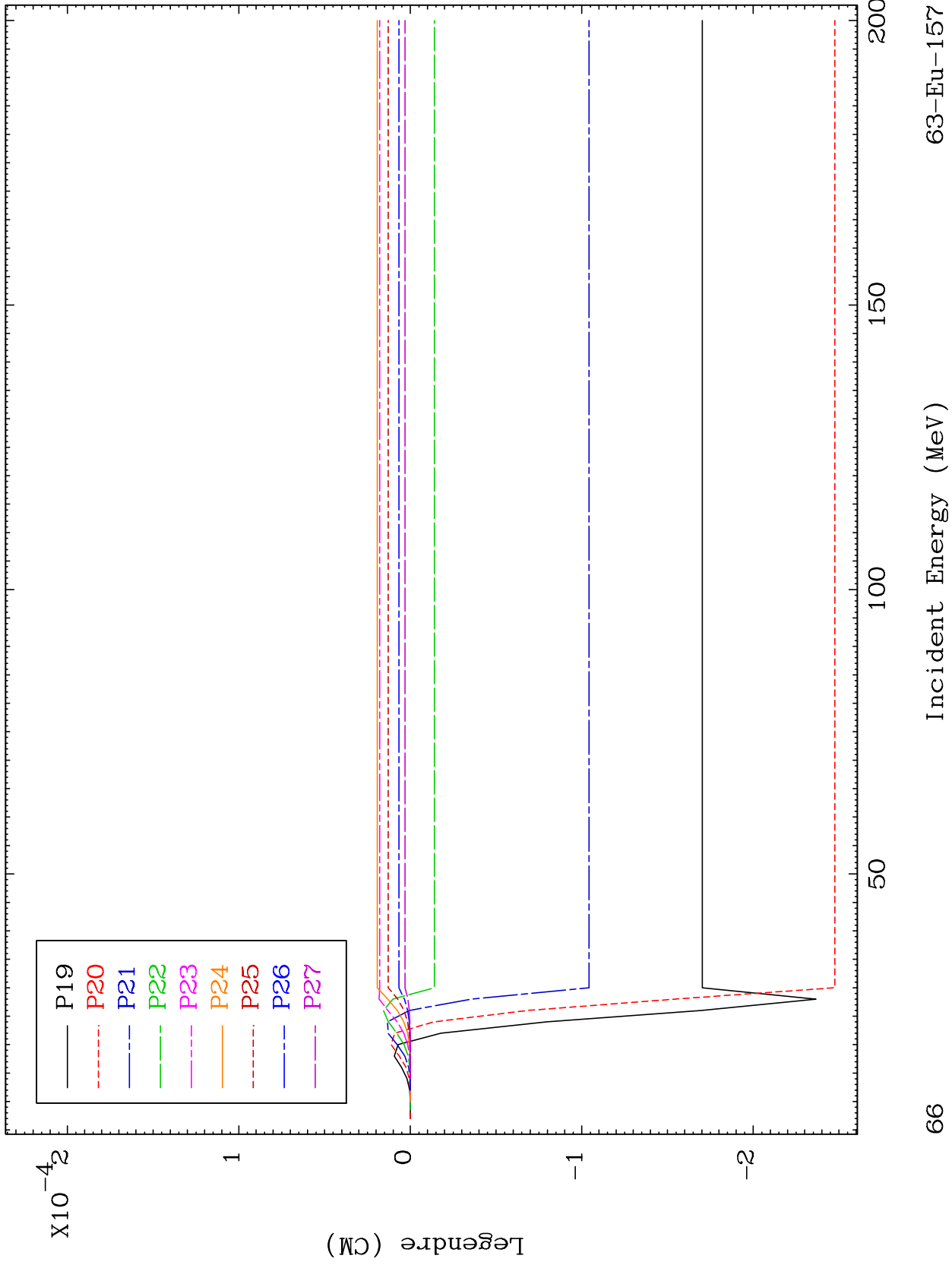
63-Eu-157



MAT 6343

645.0 keV (n,n') Level
Legendre Coefficients

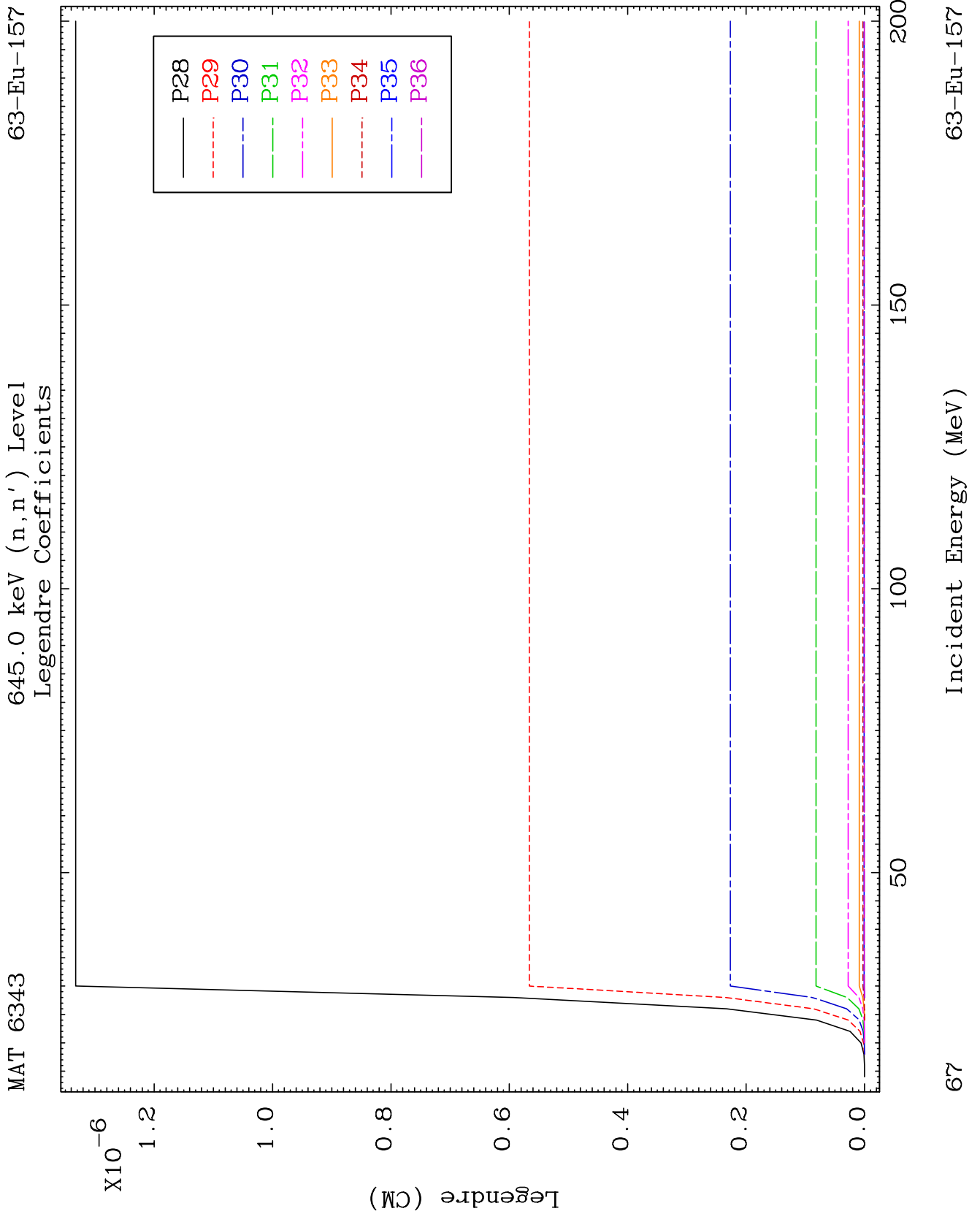
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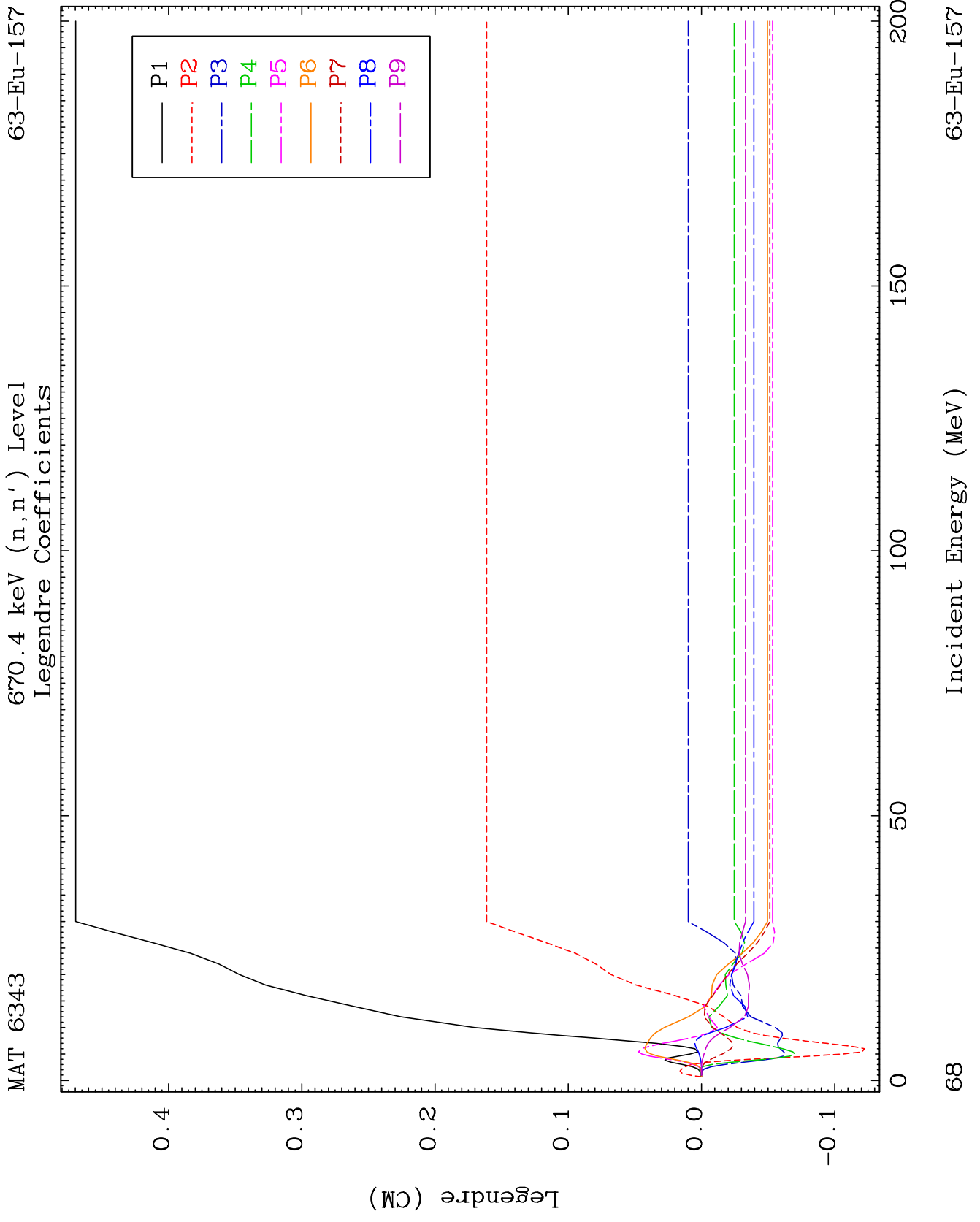


66

Incident Energy (MeV)

63-Eu-157

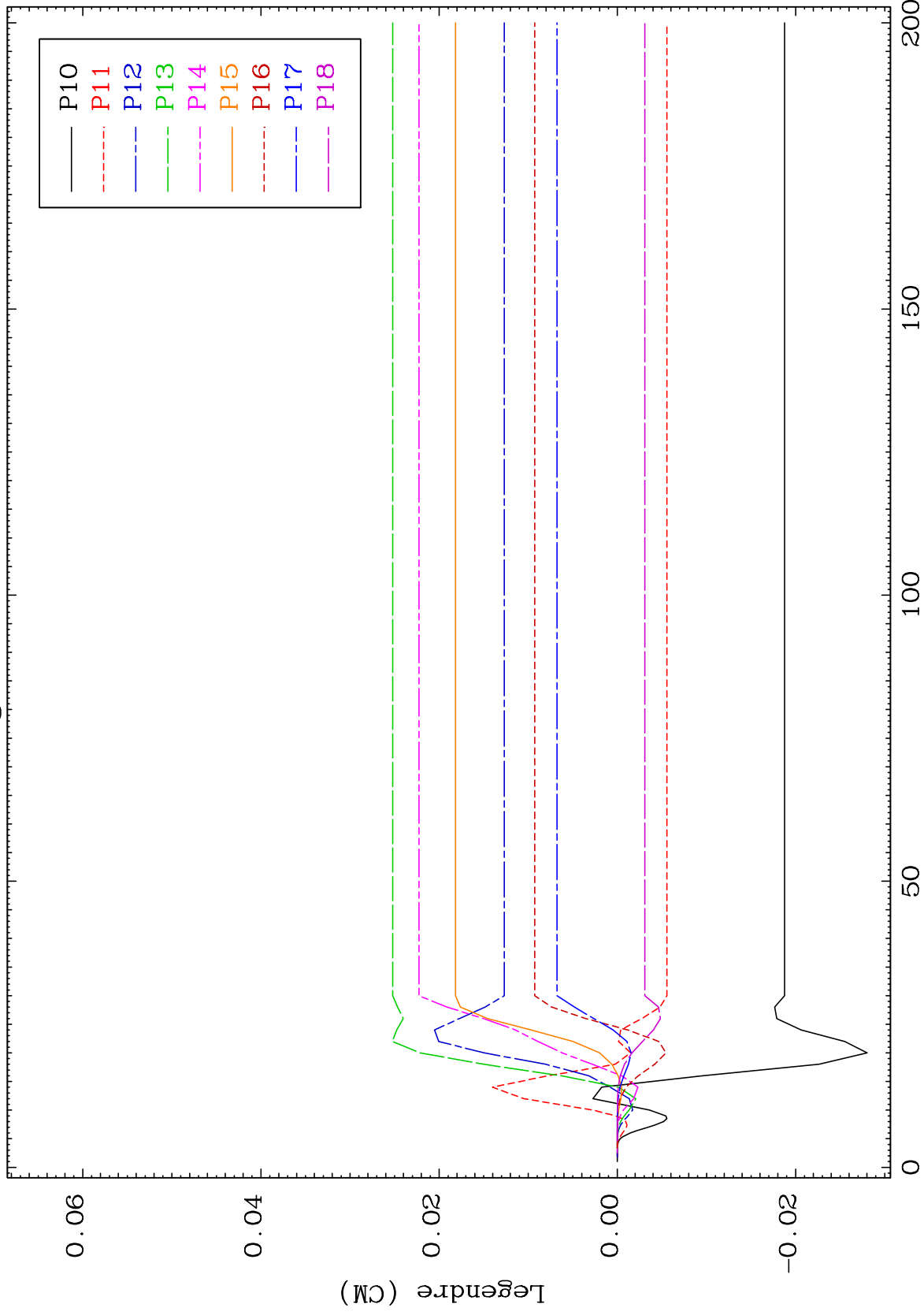




MAT 6343

670.4 keV (n,n') Level
Legendre Coefficients

63-Eu-157



69

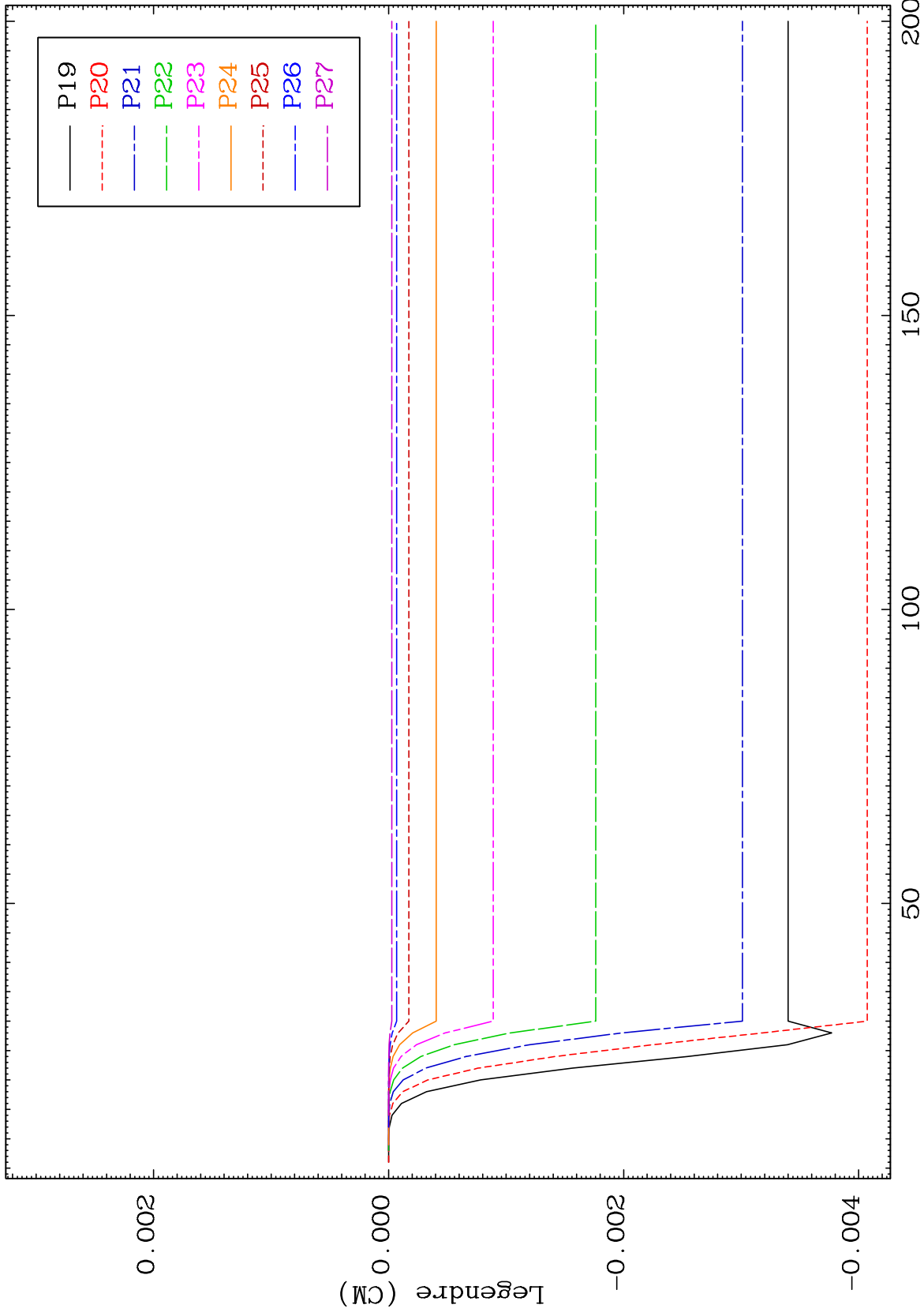
Incident Energy (MeV)

63-Eu-157

MAT 6343

670.4 keV (n,n') Level
Legendre Coefficients

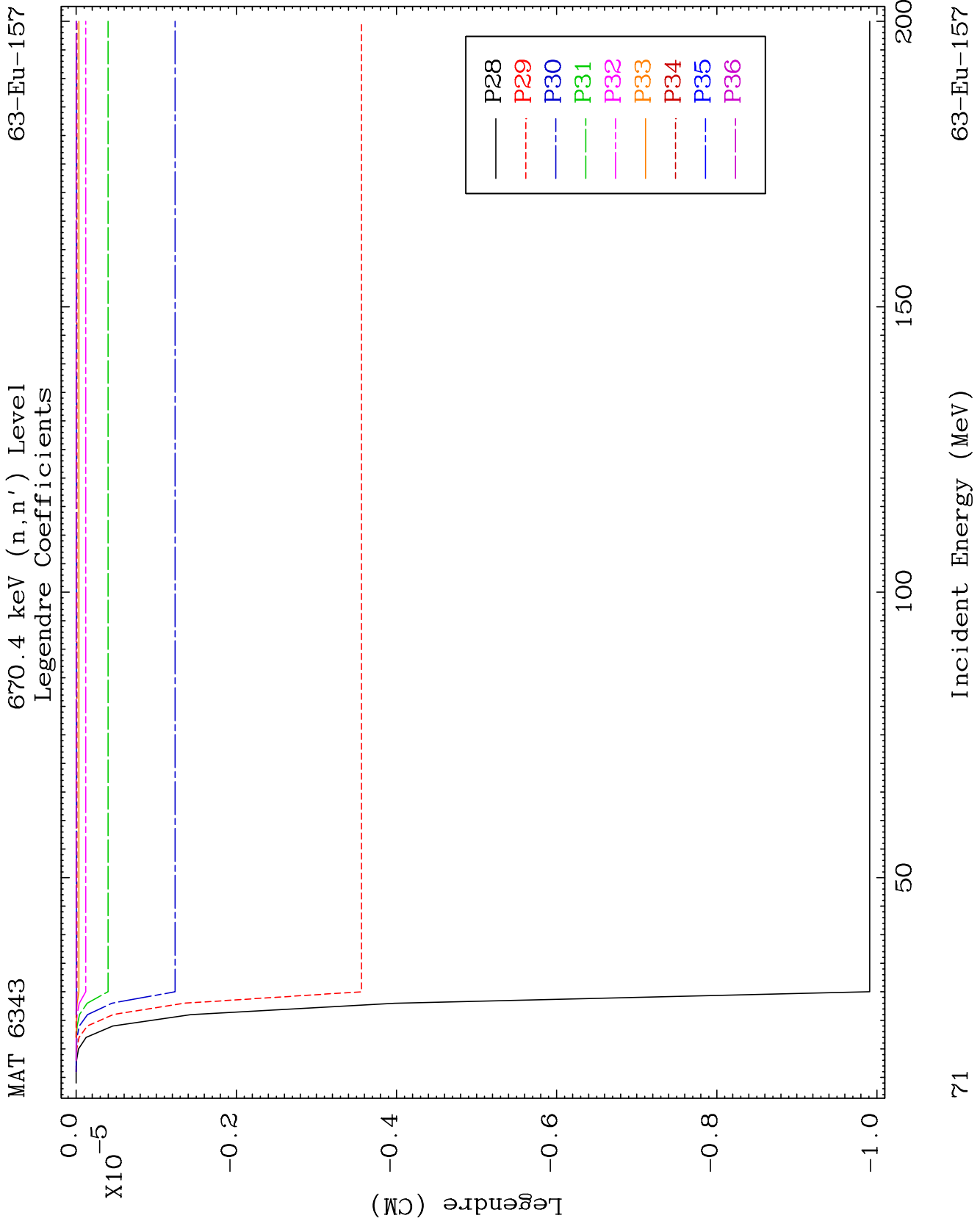
63-Eu-157



70

Incident Energy (MeV)

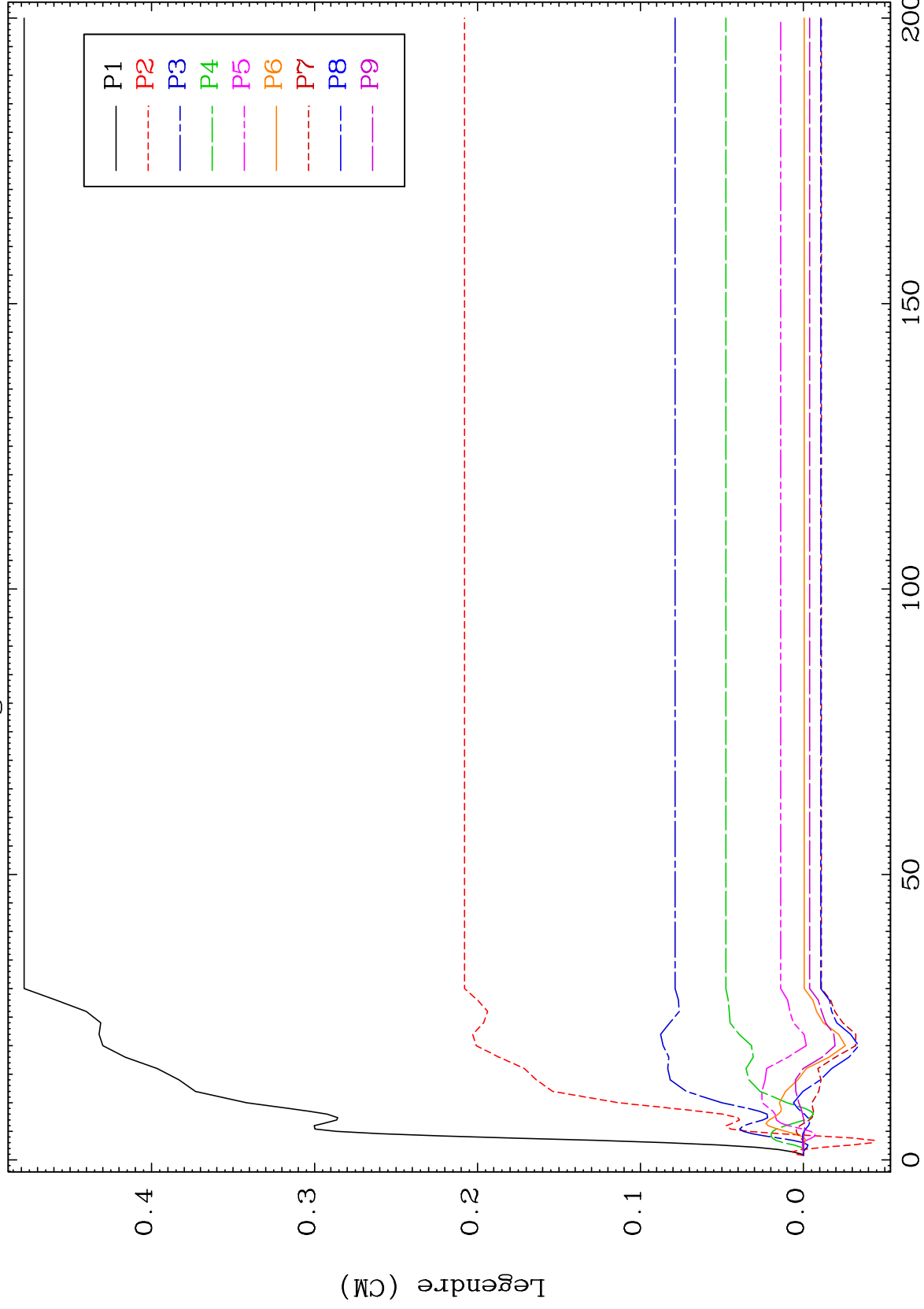
63-Eu-157



MAT 6343

716.3 keV (n,n') Level
Legendre Coefficients

63-Eu-157



72

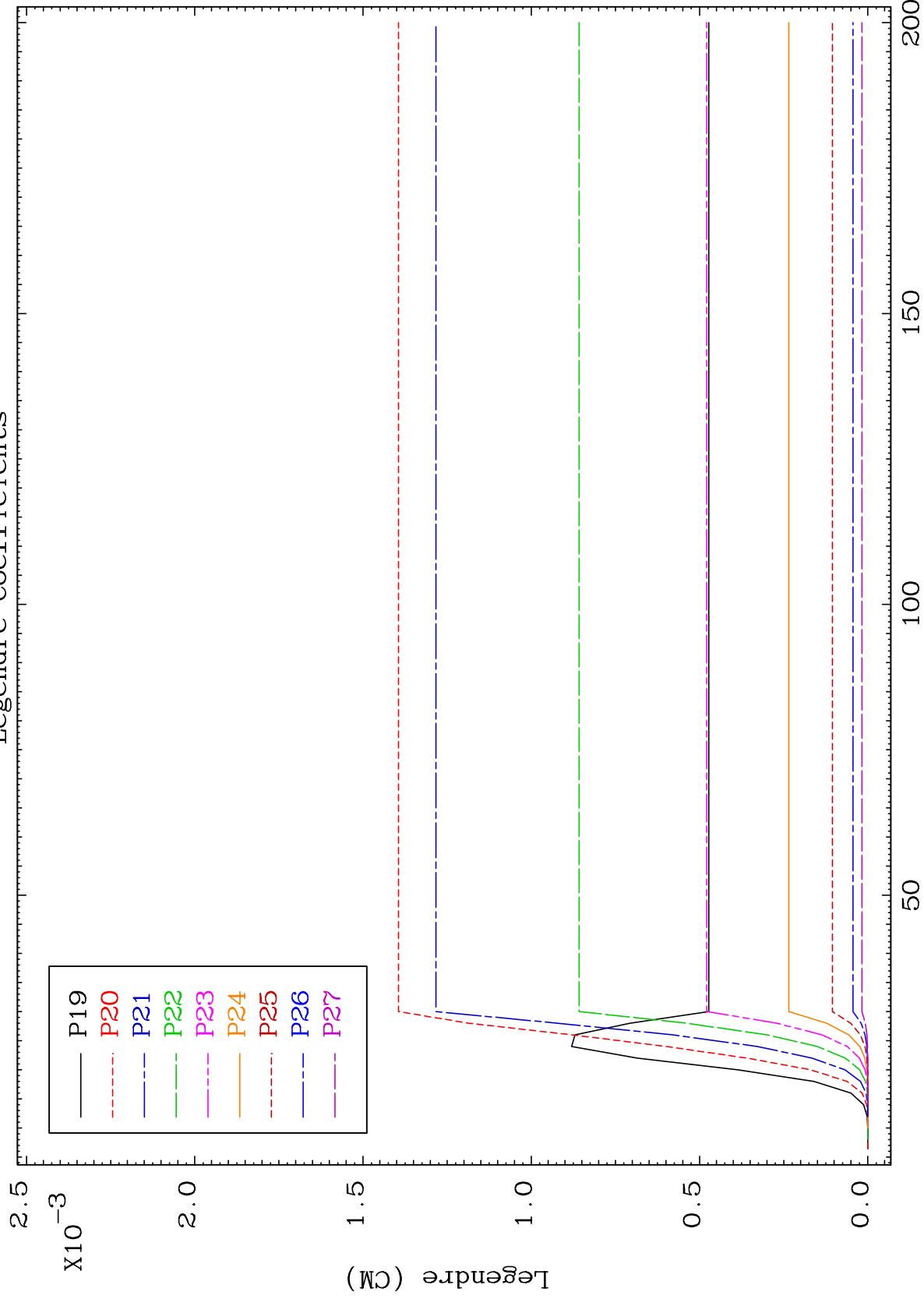
Incident Energy (MeV)

63-Eu-157

MAT 6343

716.3 keV (n, n') Level
Legendre Coefficients

63-Eu-157



74

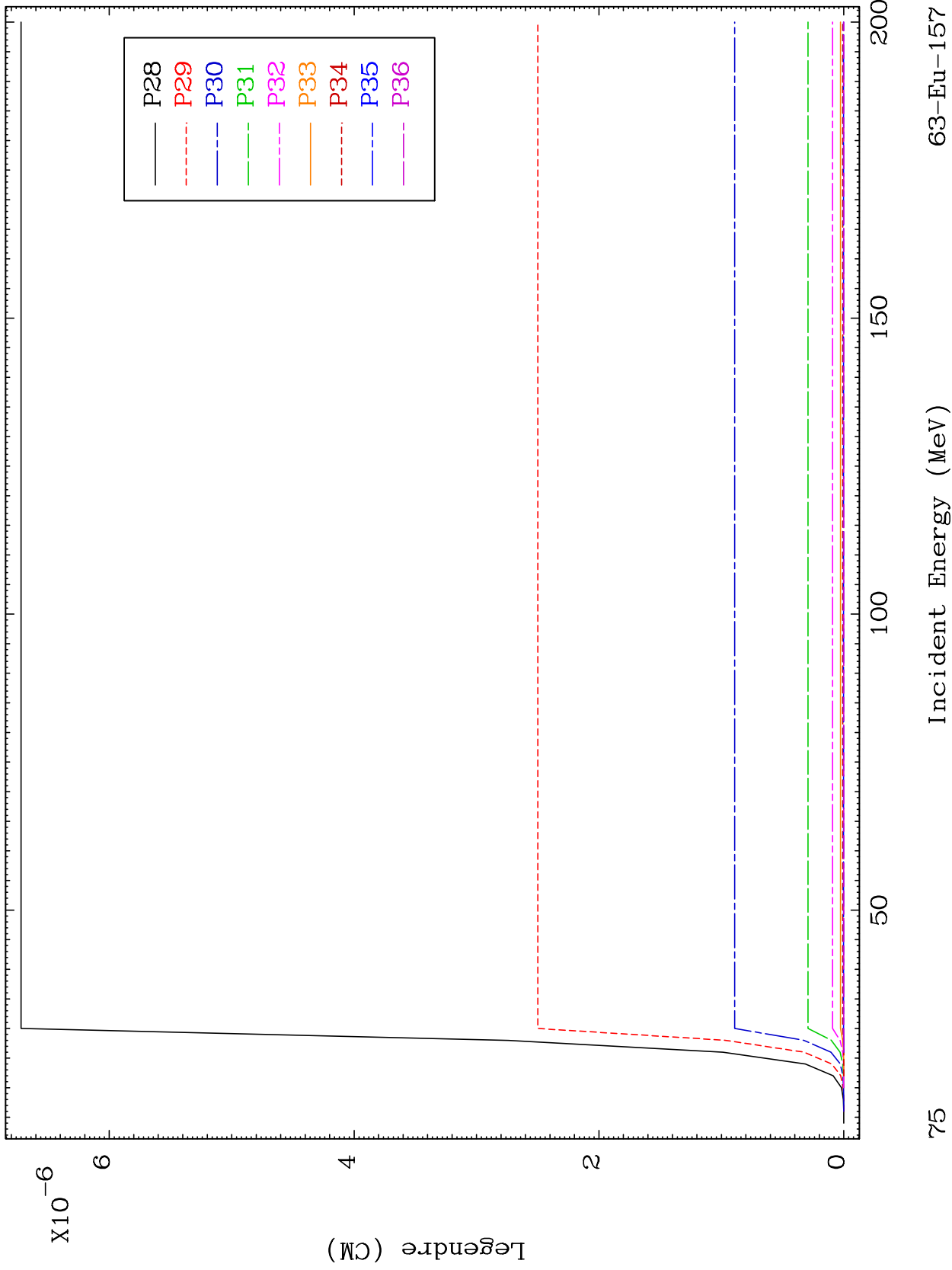
Incident Energy (MeV)

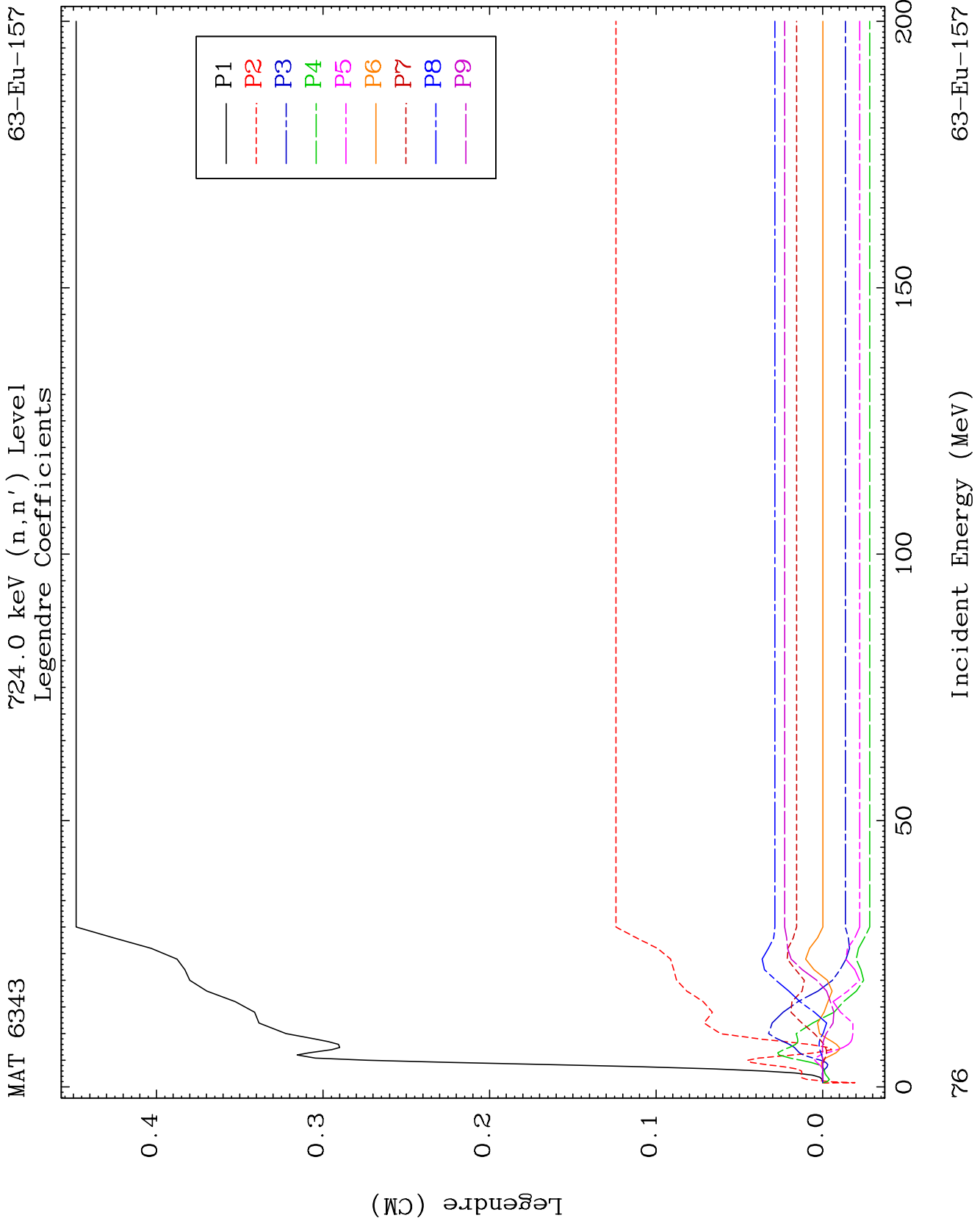
63-Eu-157

MAT 6343

716.3 keV (n,n') Level
Legendre Coefficients

63-Eu-157

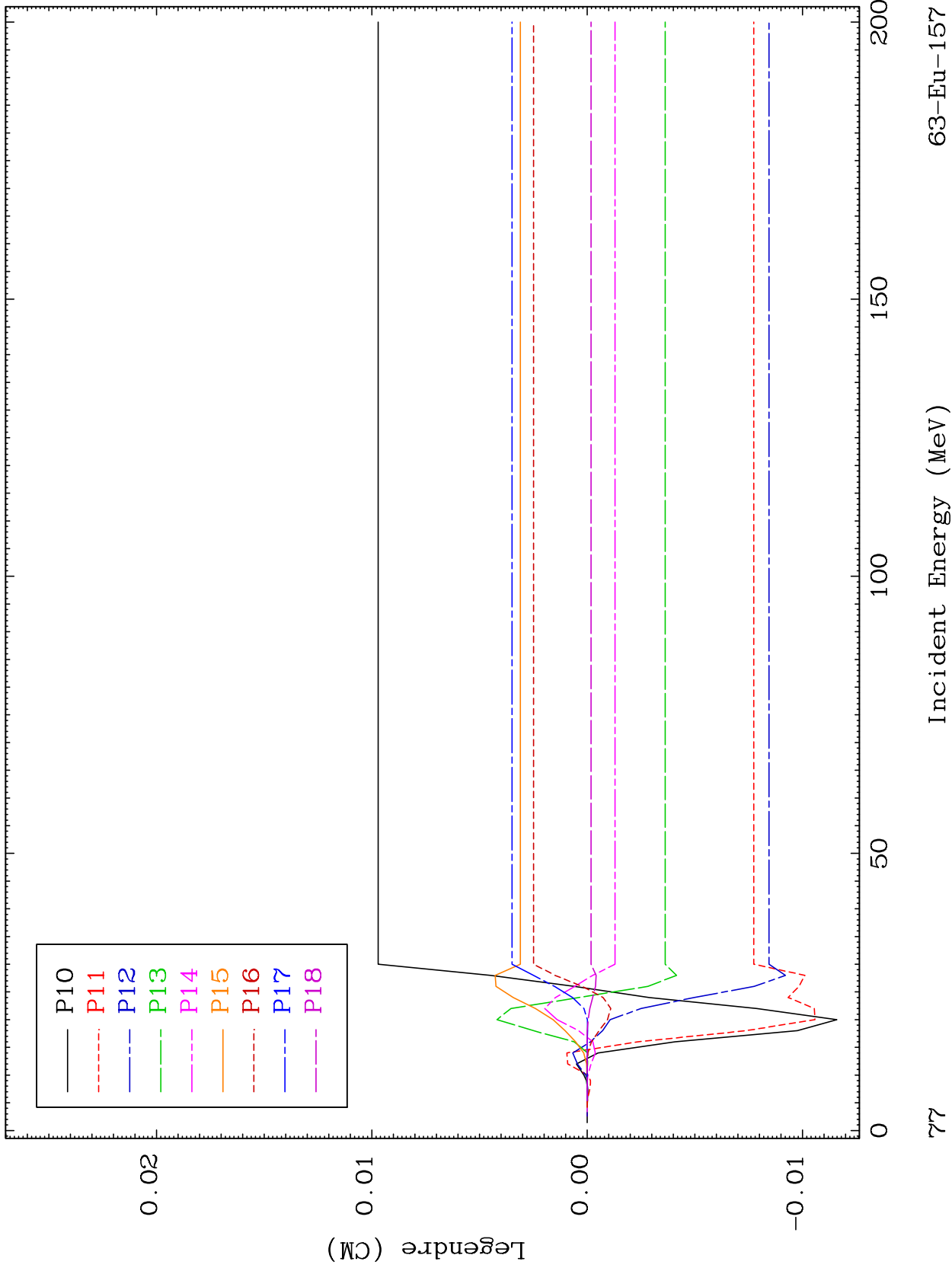




MAT 6343

724.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



77

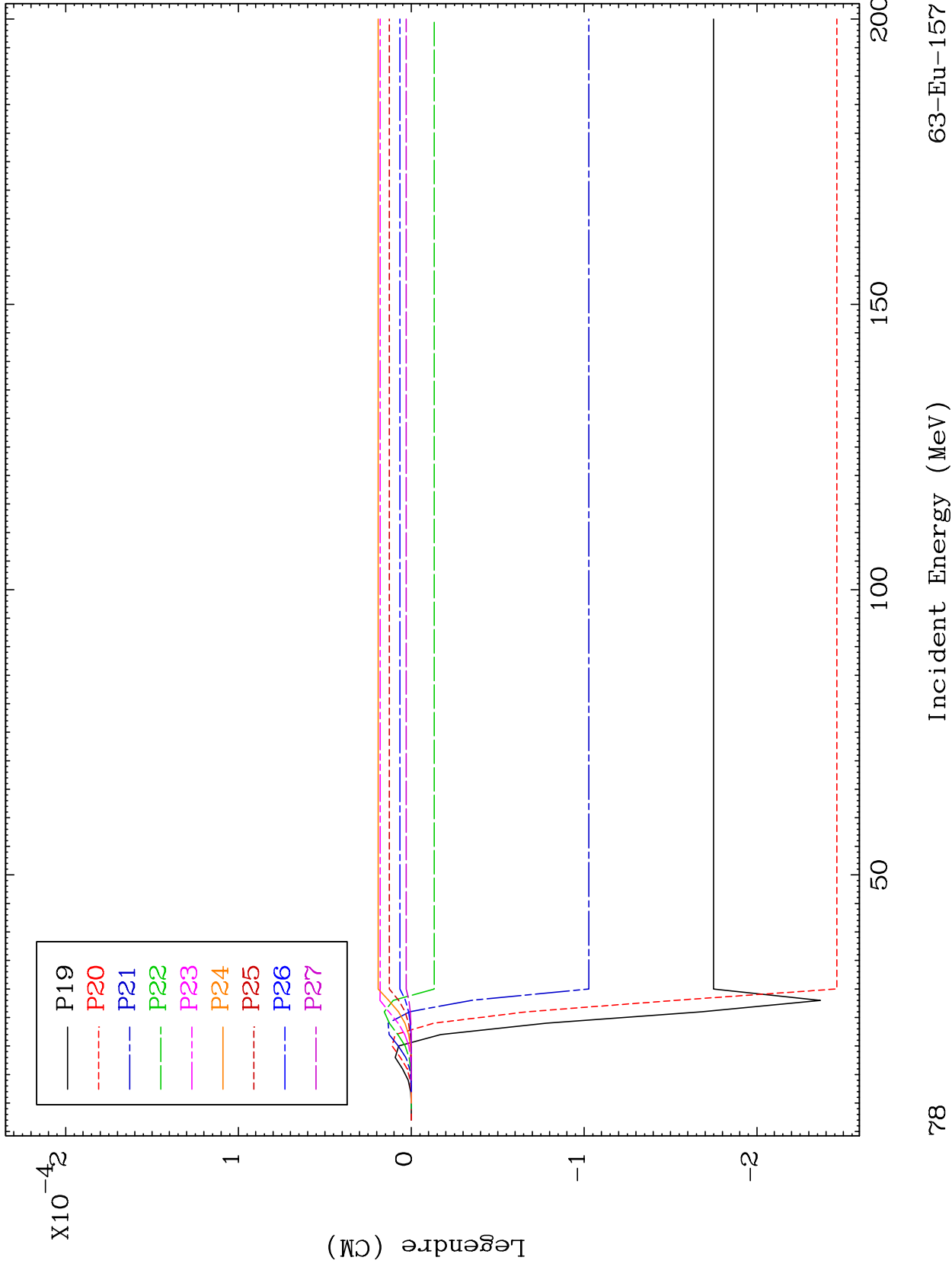
Incident Energy (MeV)

63-Eu-157

MAT 6343

724.0 keV (n,n') Level
Legendre Coefficients

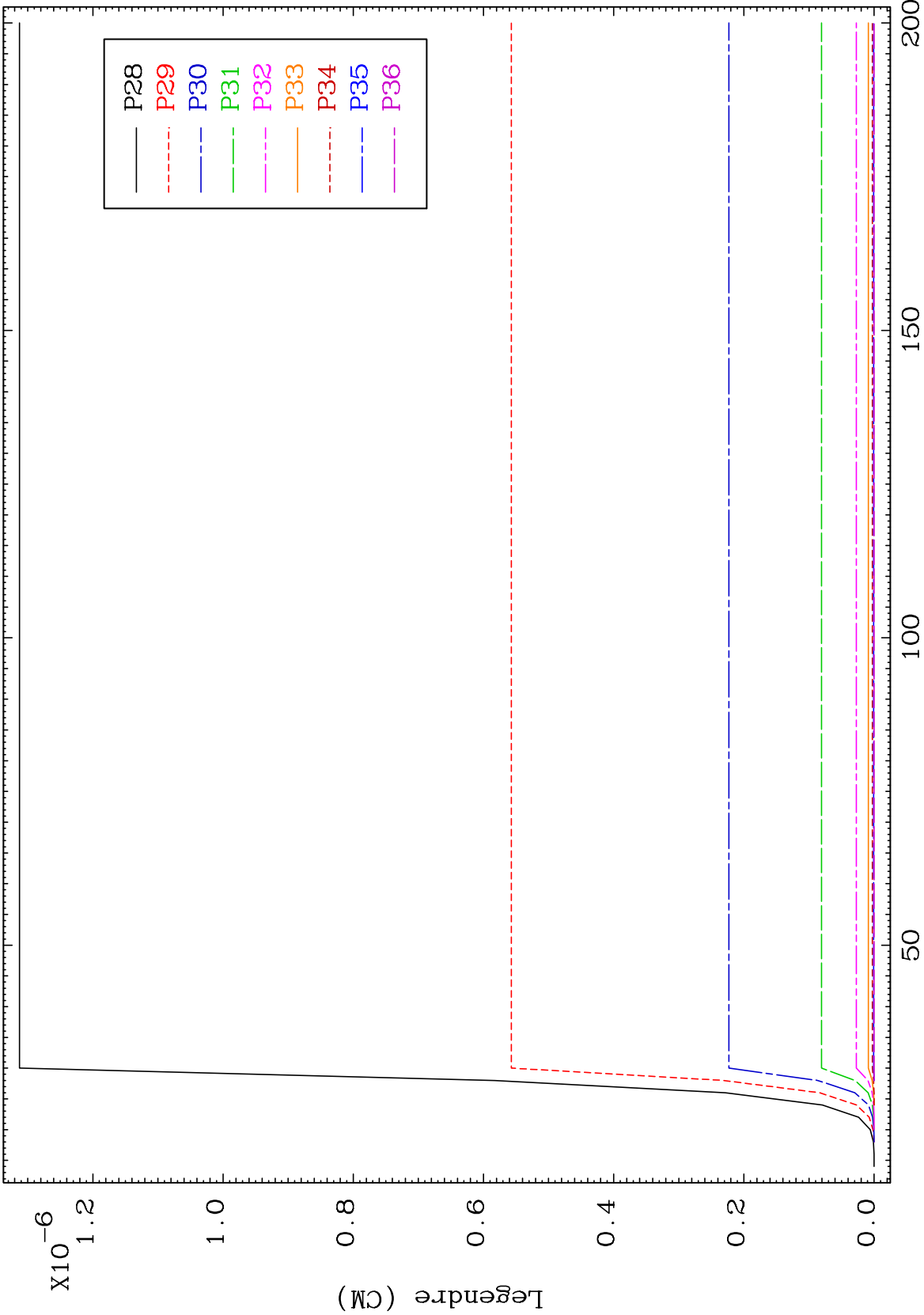
63-Eu-157

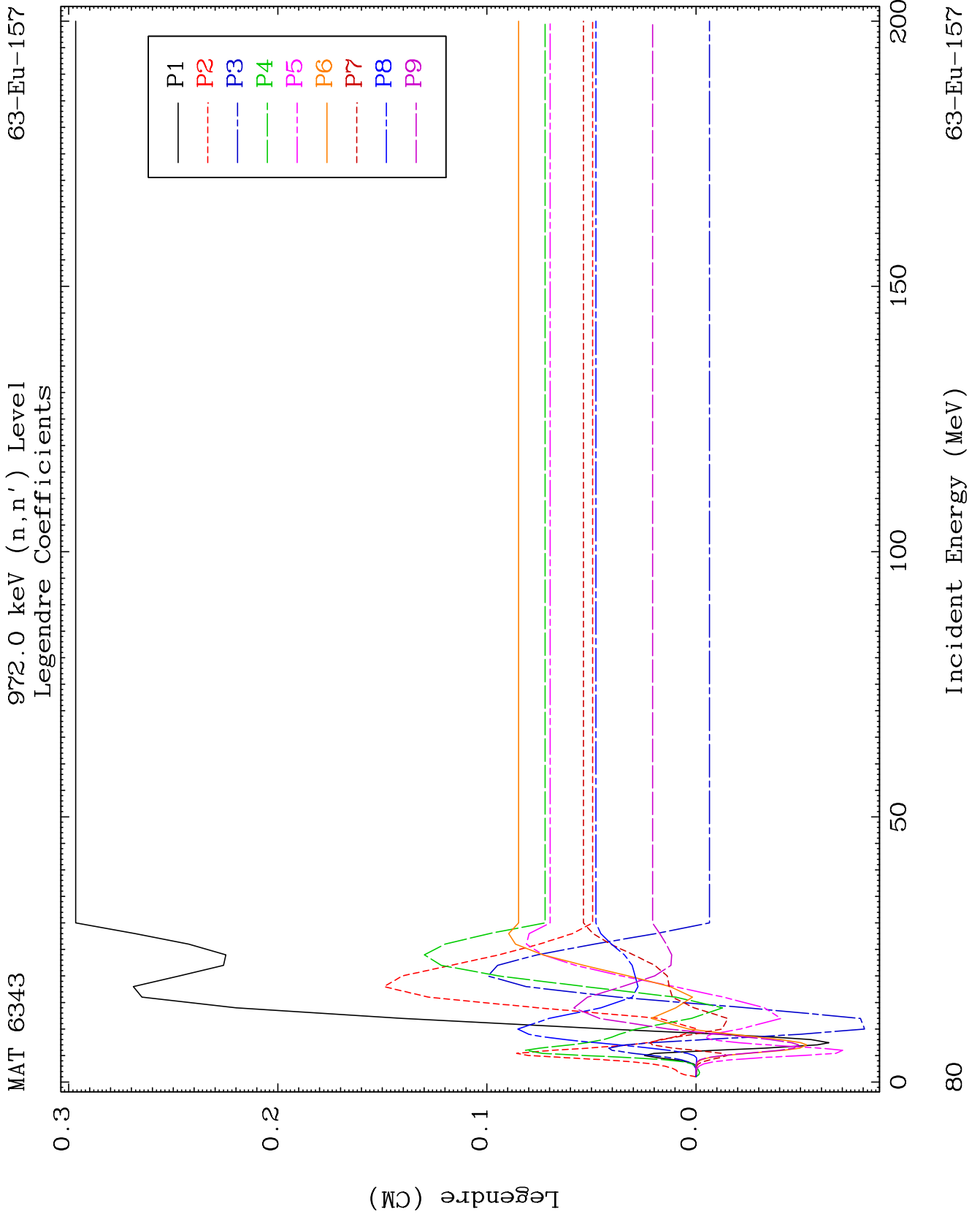


78

Incident Energy (MeV)

63-Eu-157

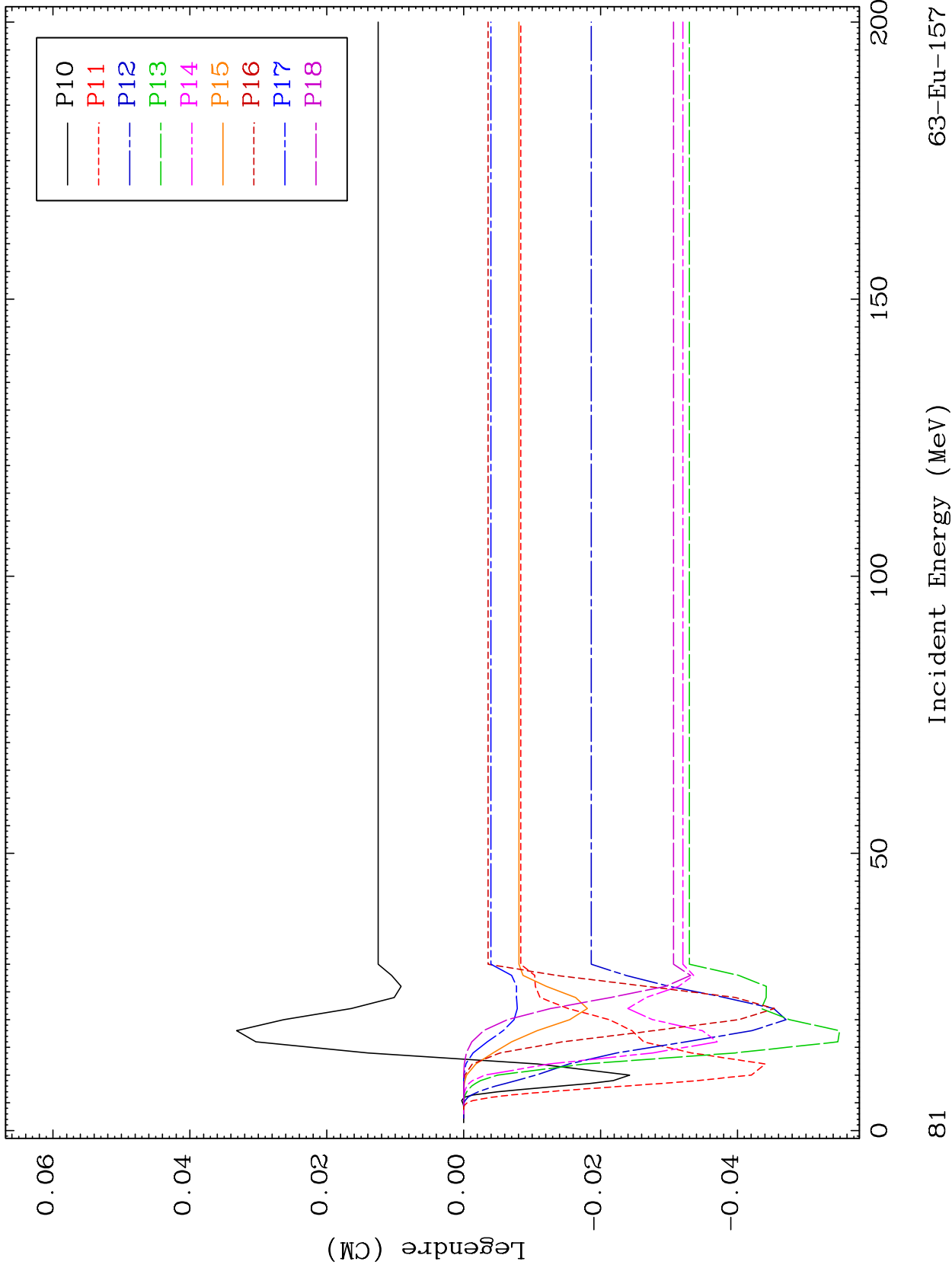




MAT 6343

972.0 keV (n,n') Level
Legendre Coefficients

63-Eu-157



81

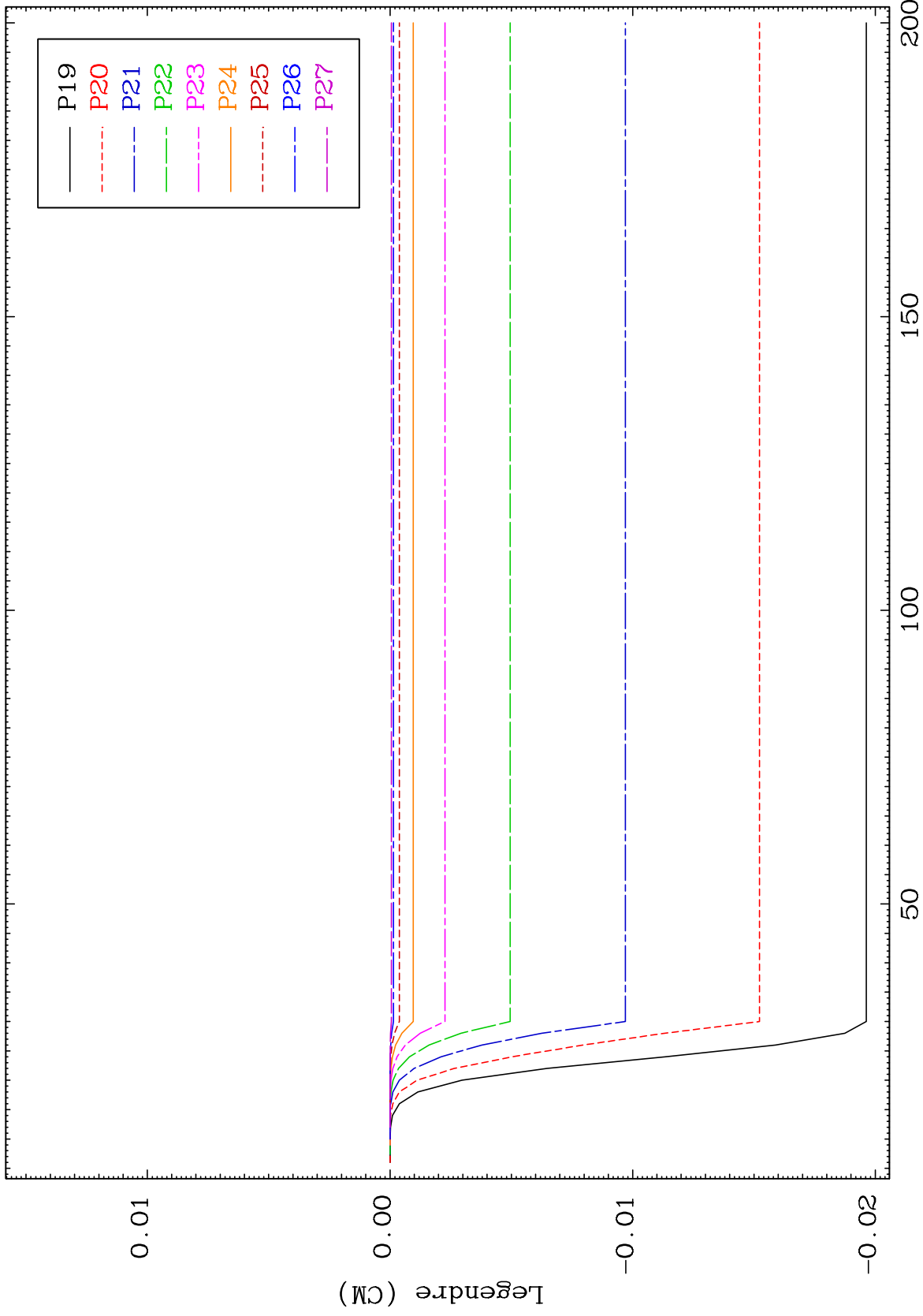
Incident Energy (MeV)

63-Eu-157

MAT 6343

972.0 keV (n,n') Level
Legendre Coefficients

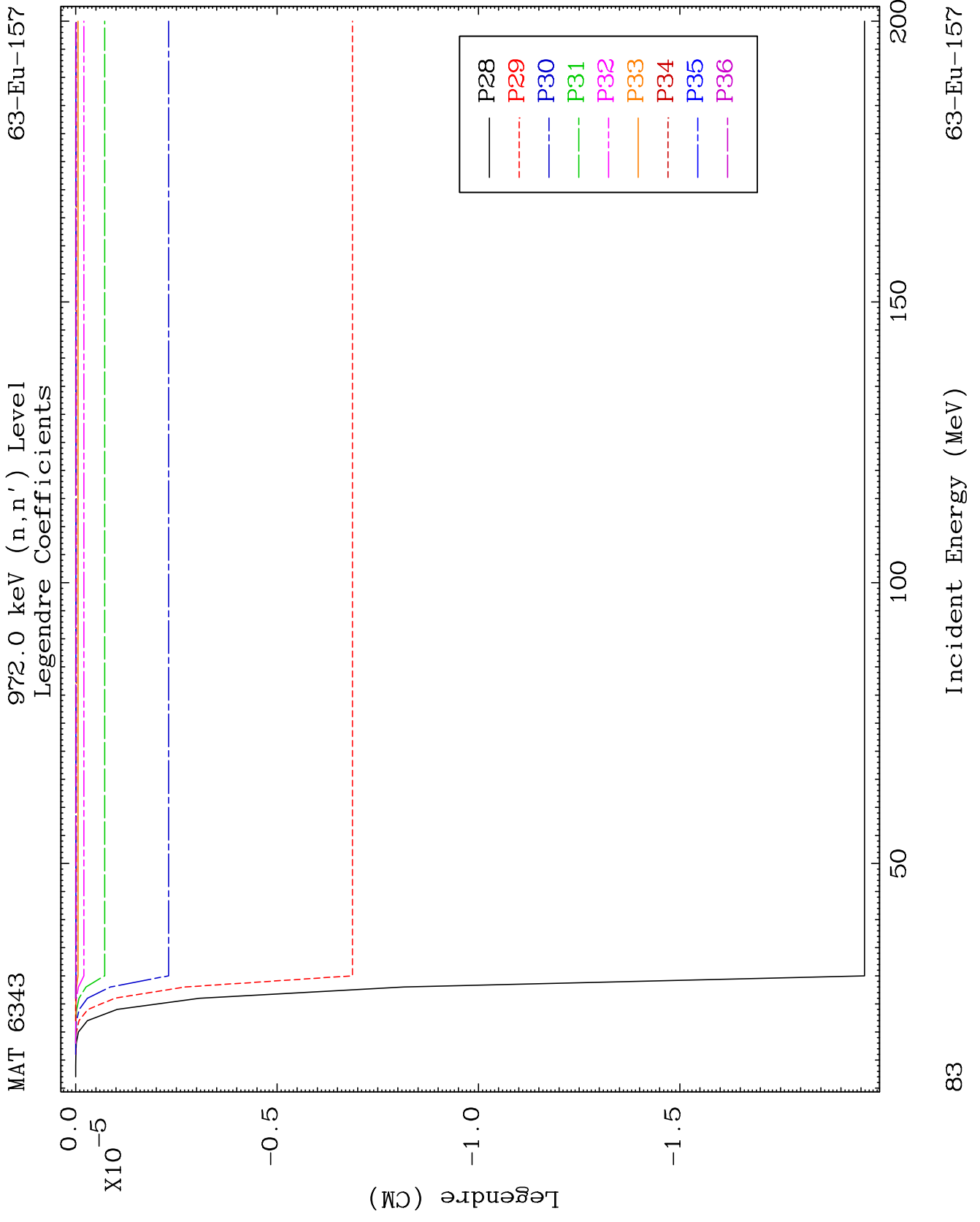
63-Eu-157

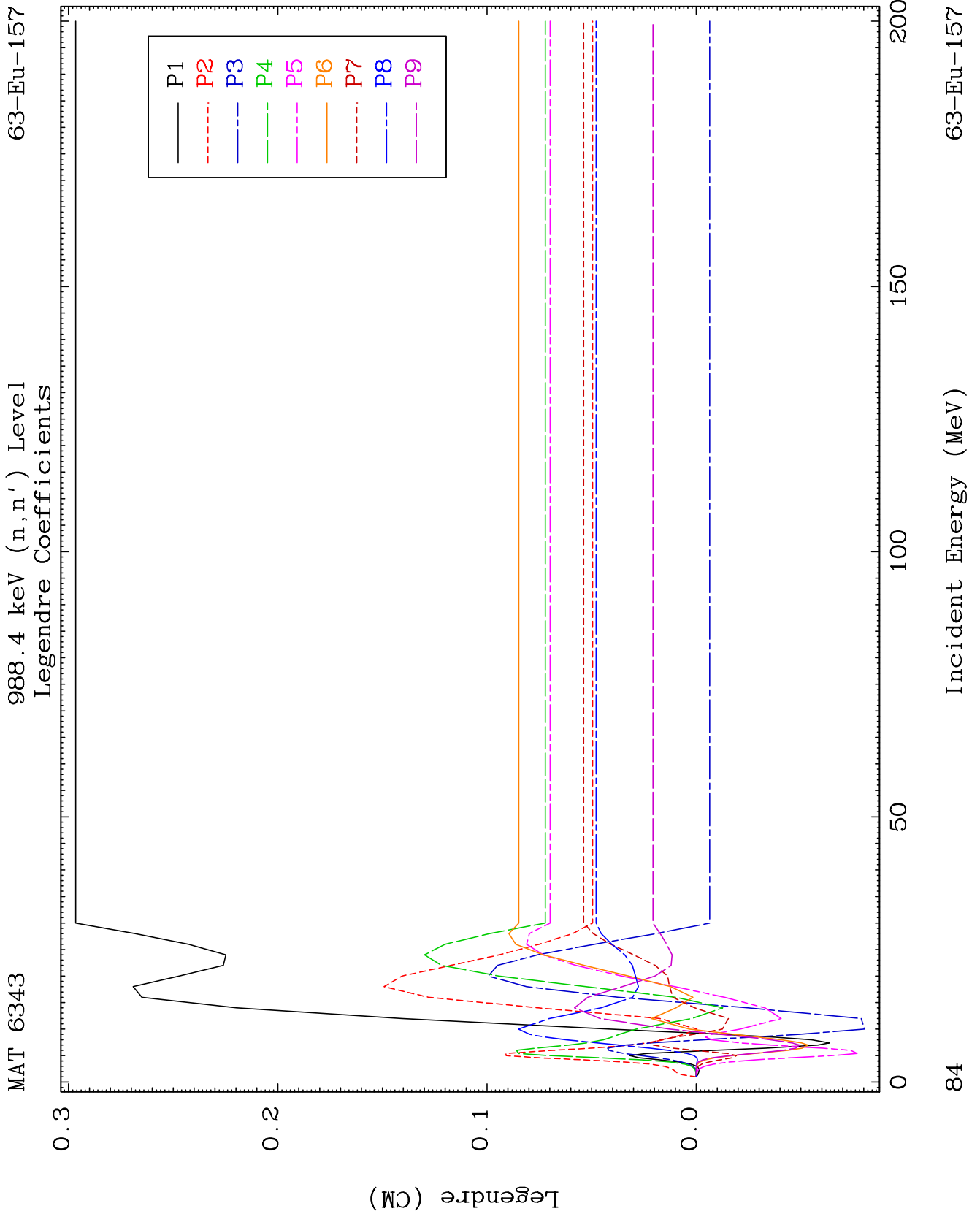


82

Incident Energy (MeV)

63-Eu-157

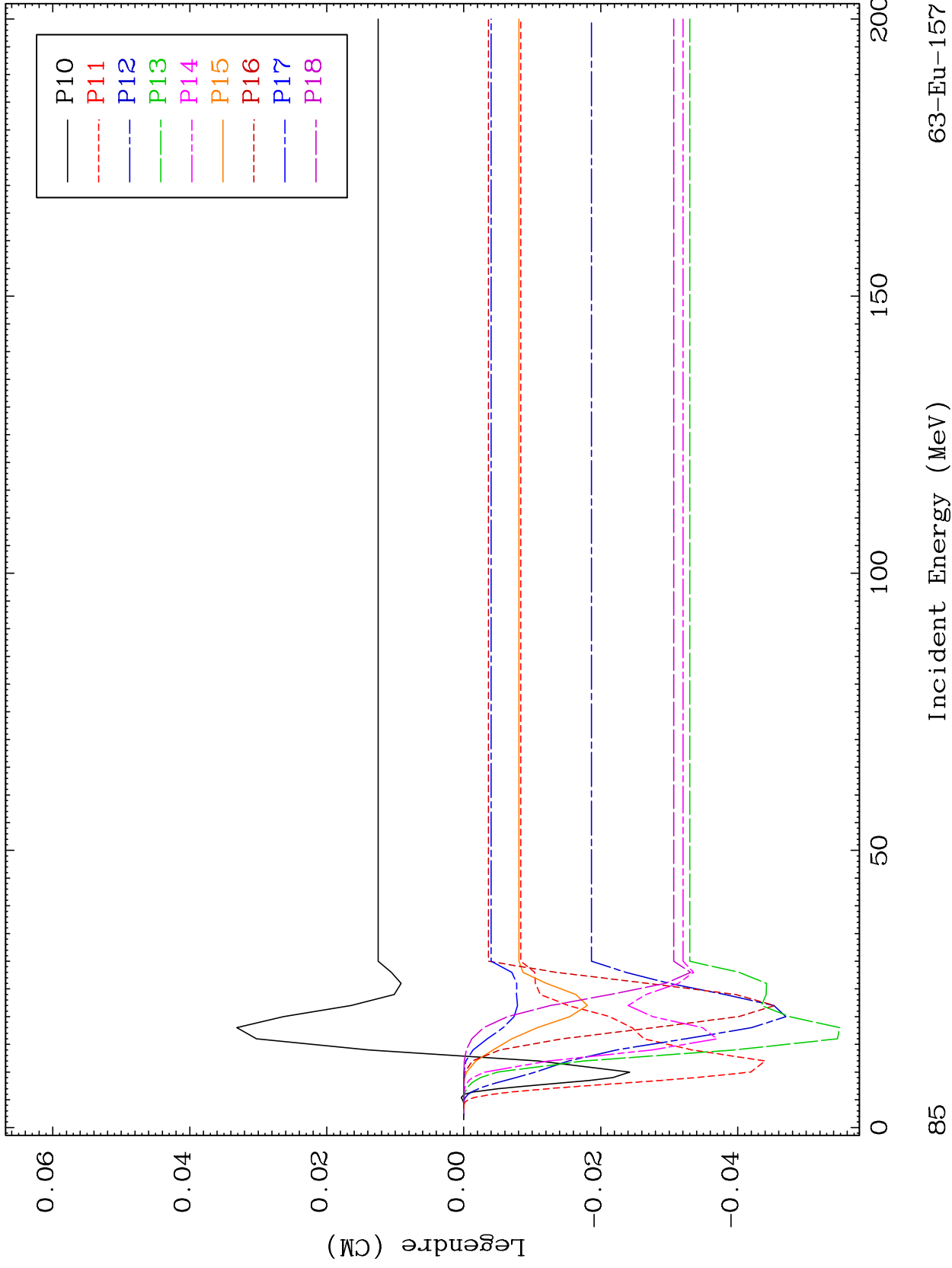




MAT 6343

988.4 keV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

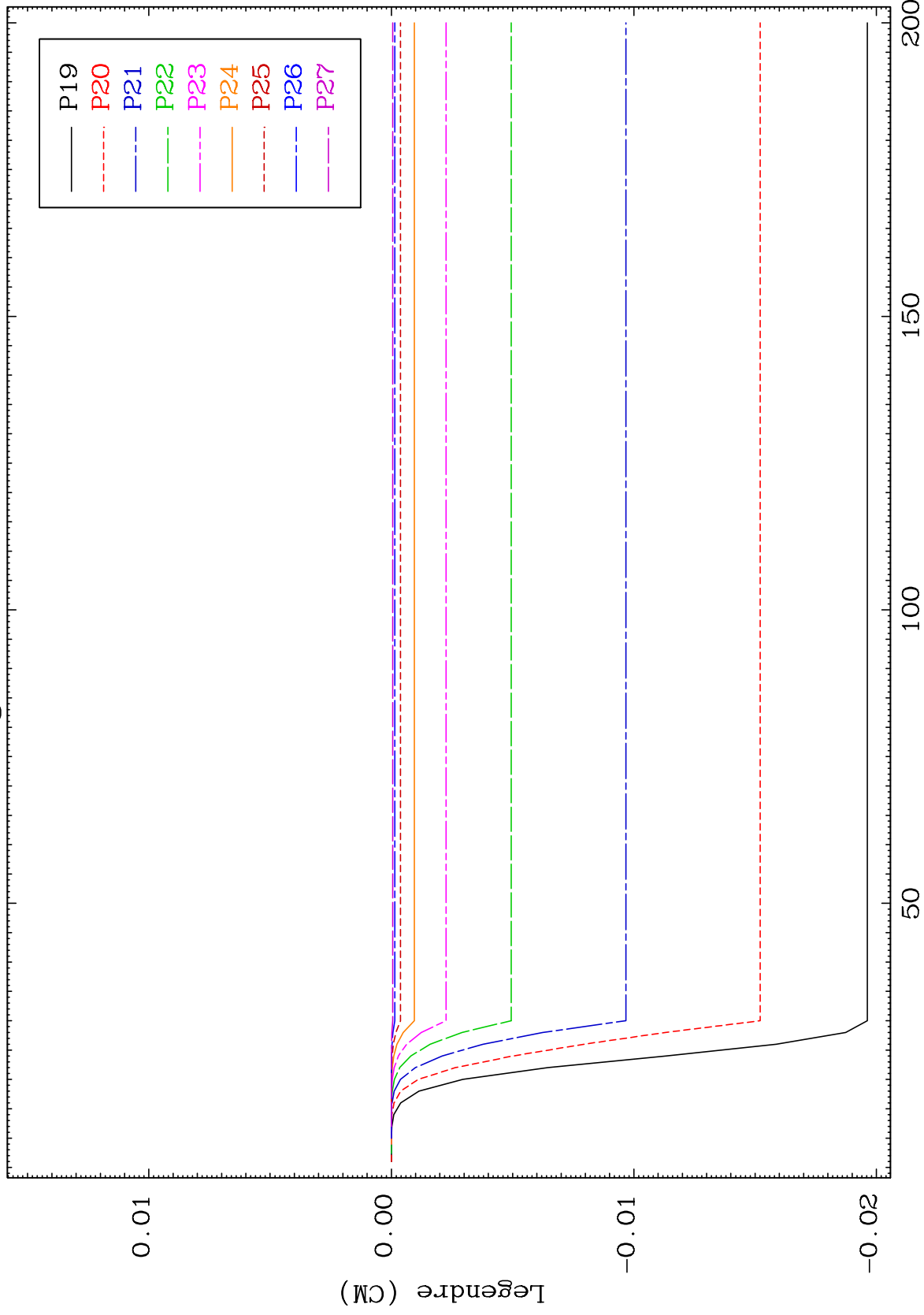
Incident Energy (MeV)

85

MAT 6343

988.4 keV (n,n') Level
Legendre Coefficients

63-Eu-157



86

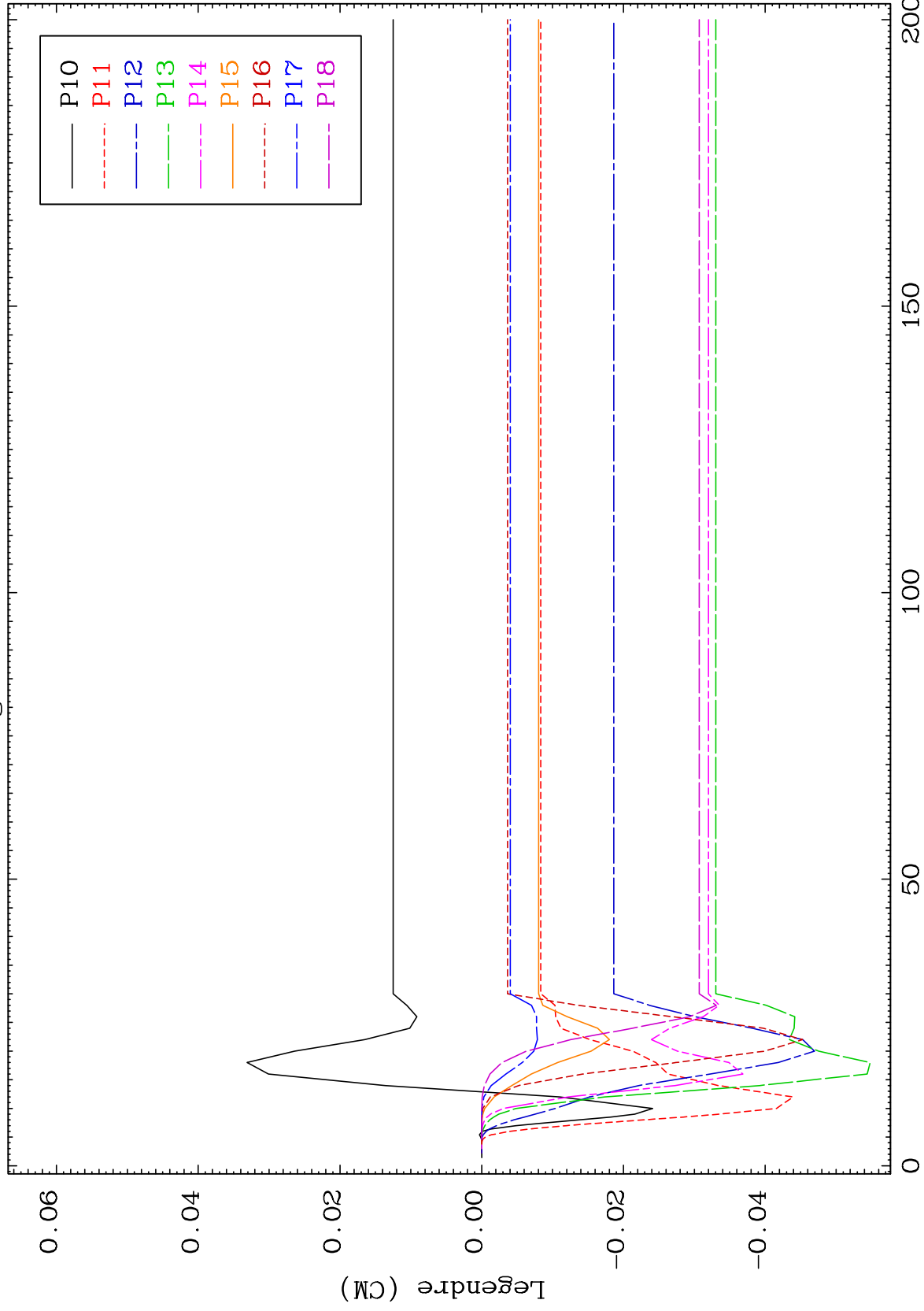
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.021 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



89

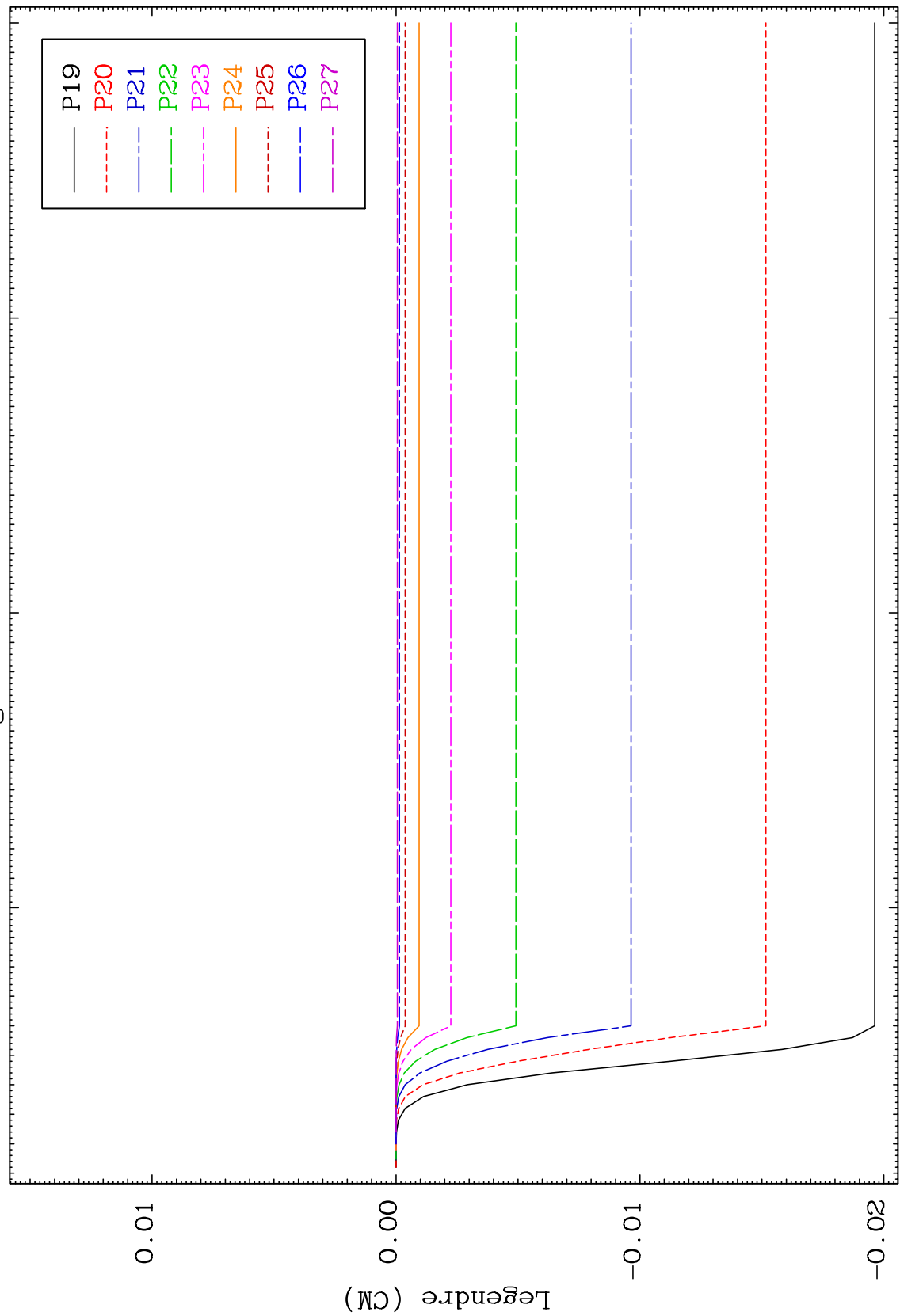
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.021 MeV (n,n') Level
Legendre Coefficients

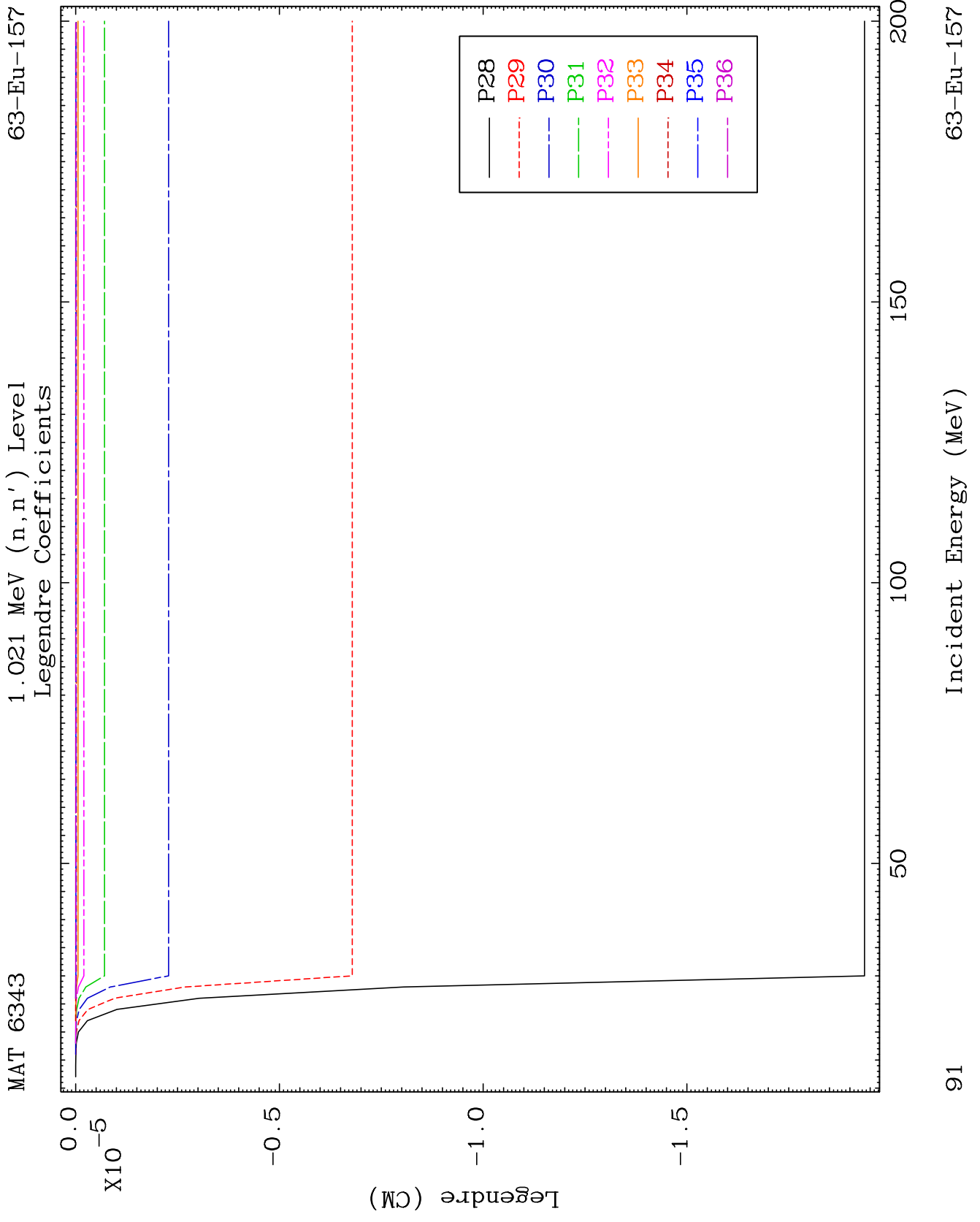
63-Eu-157

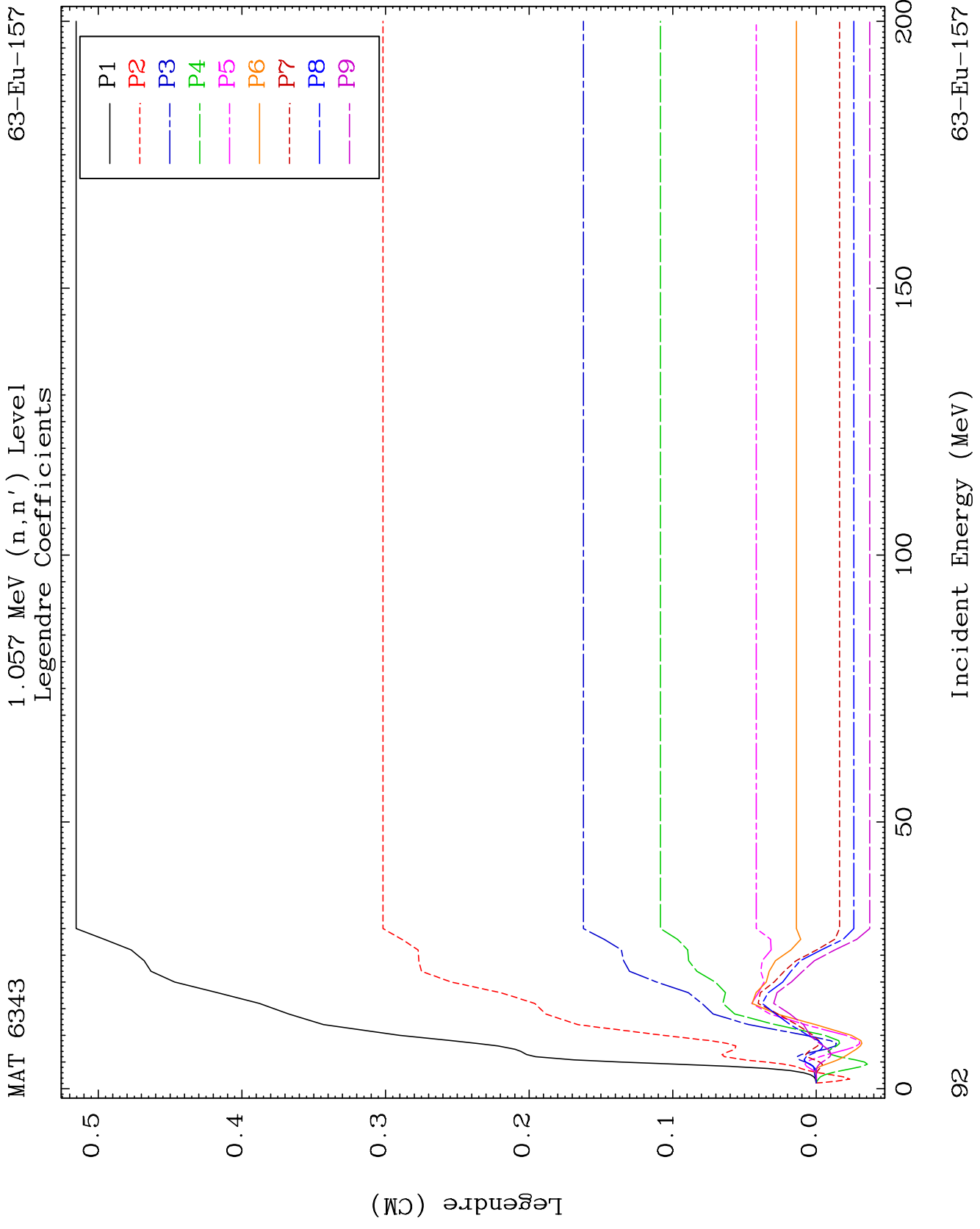


63-Eu-157

Incident Energy (MeV)

90

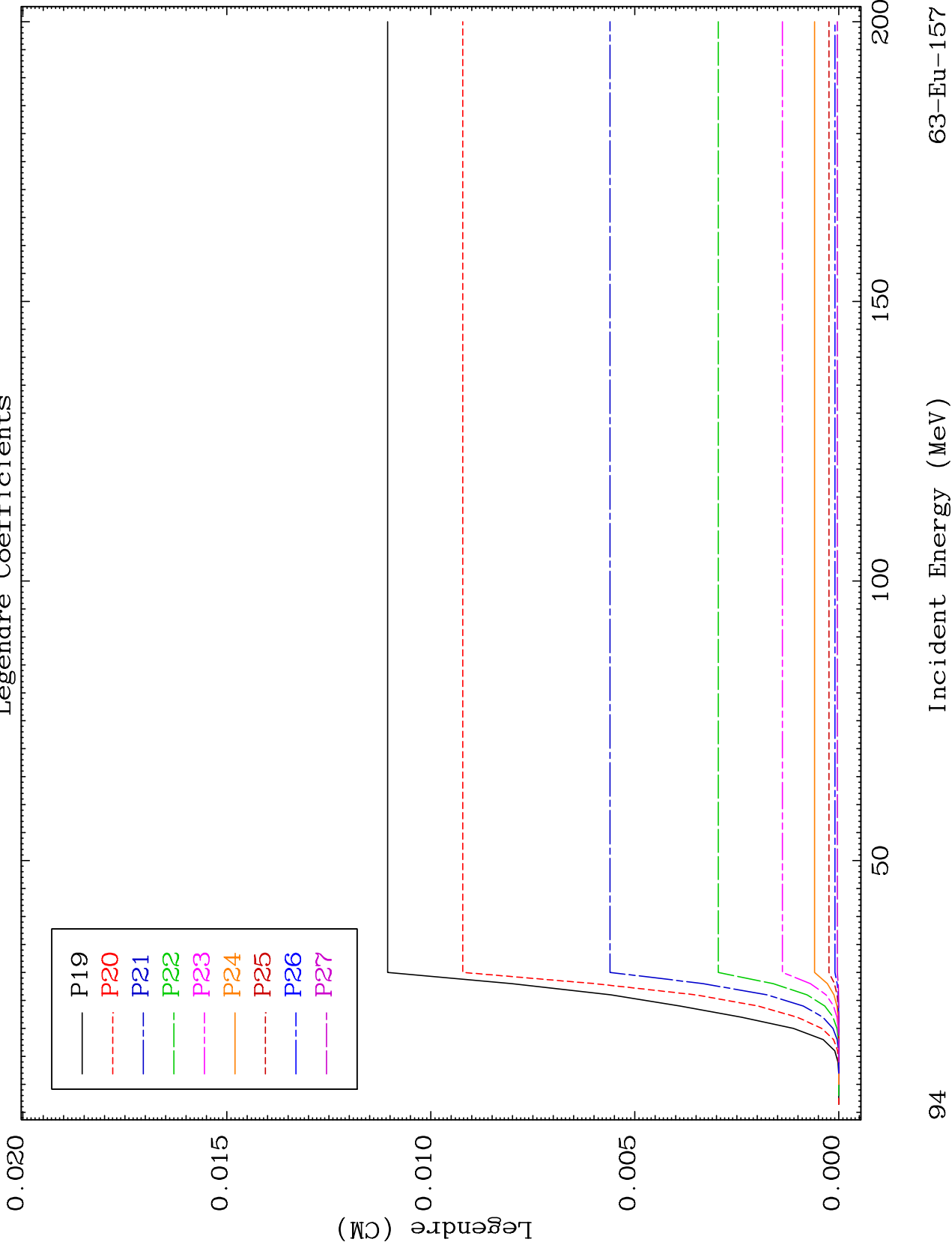




MAT 6343

1.057 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



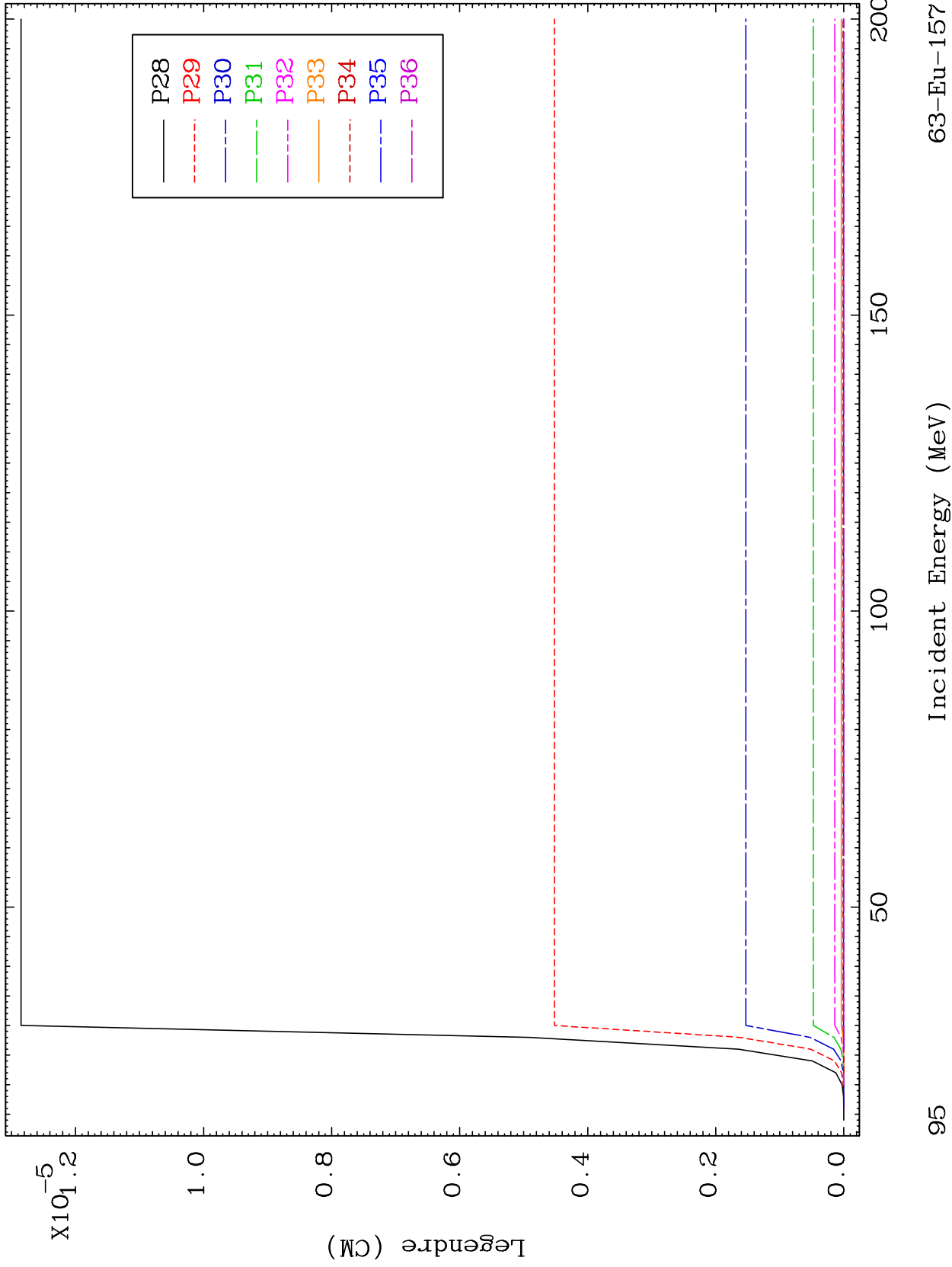
94

63-Eu-157

MAT 6343

1.057 MeV (n, n') Level
Legendre Coefficients

63-Eu-157



95

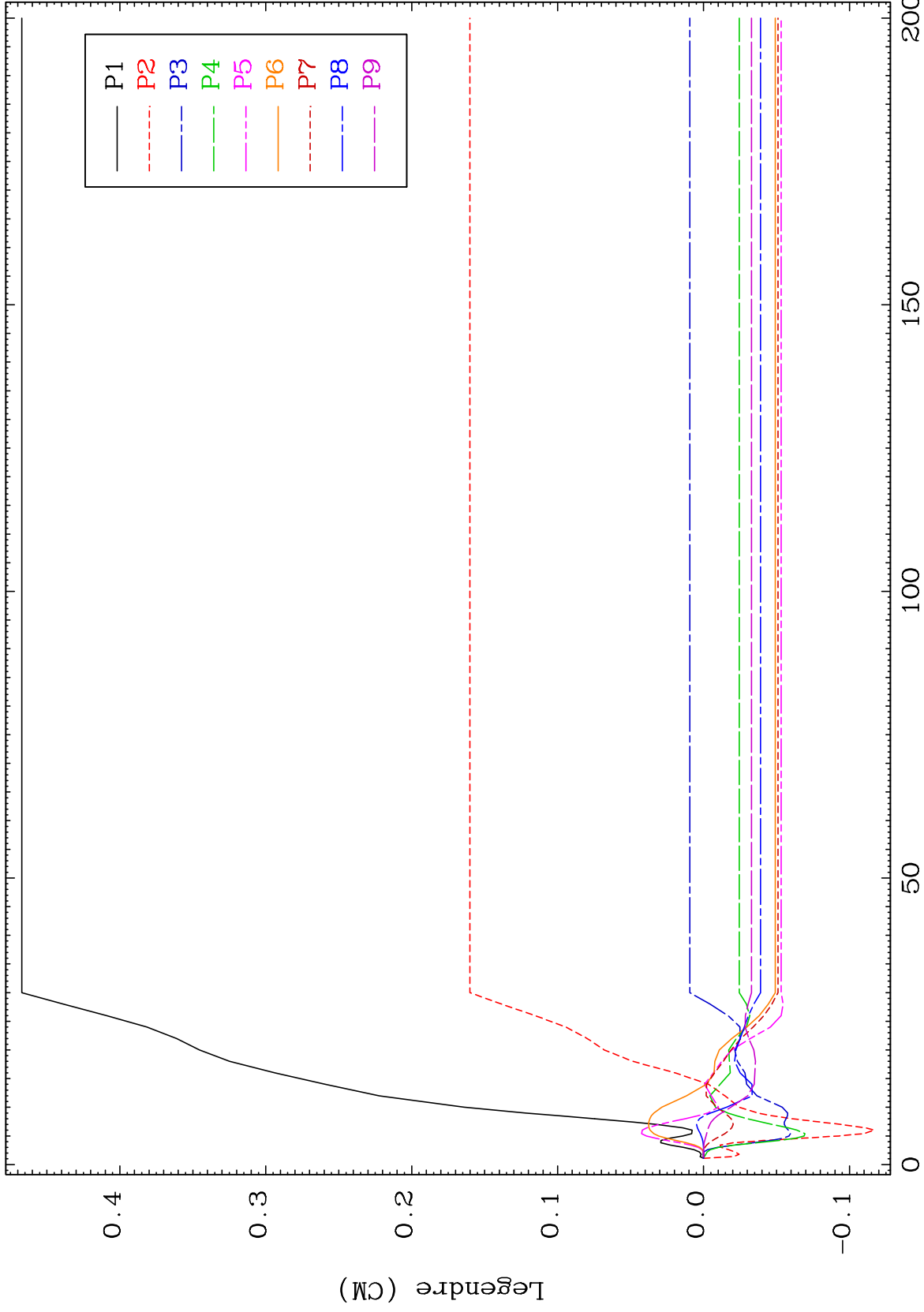
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.073 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



96

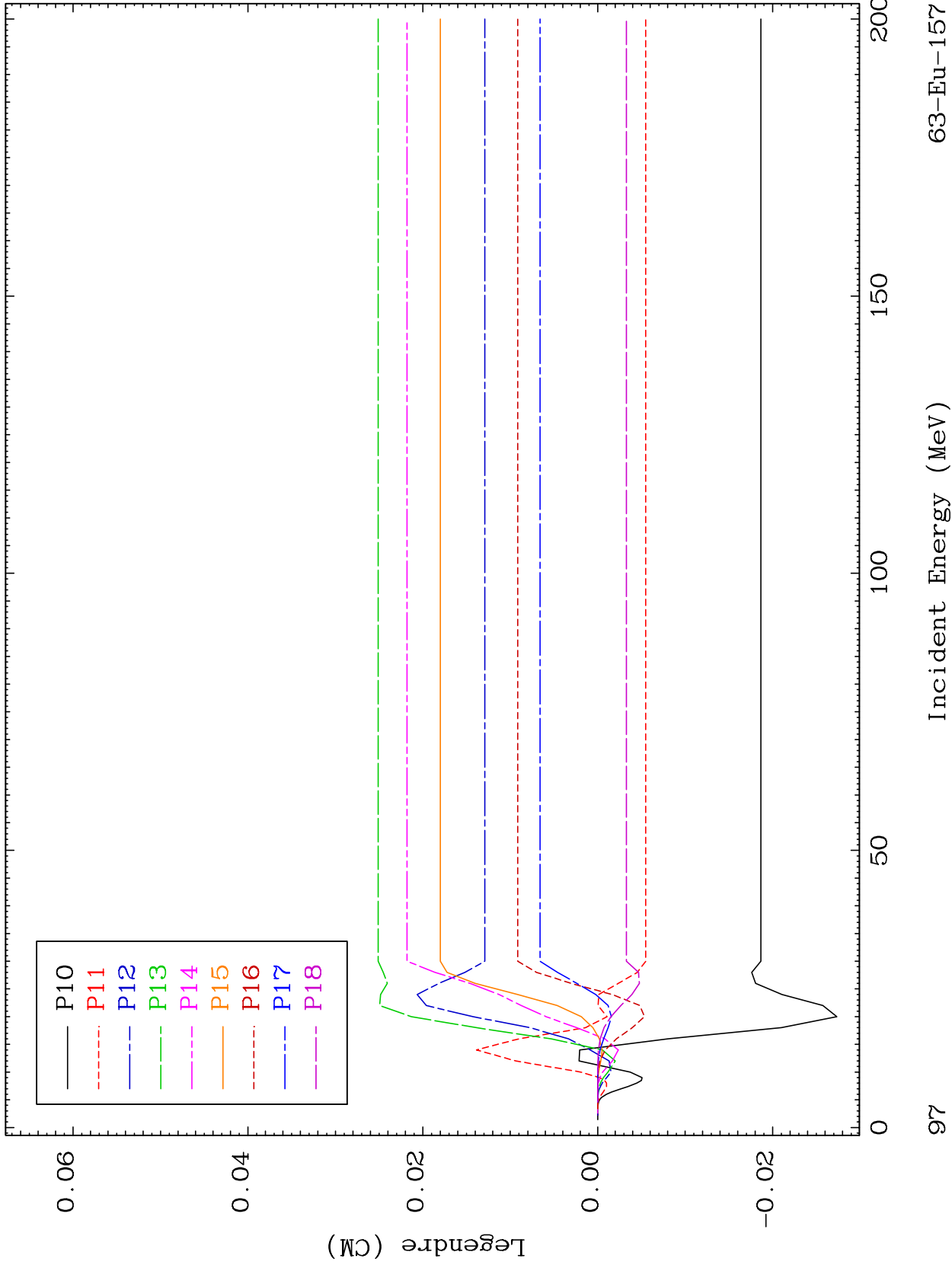
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.073 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



97

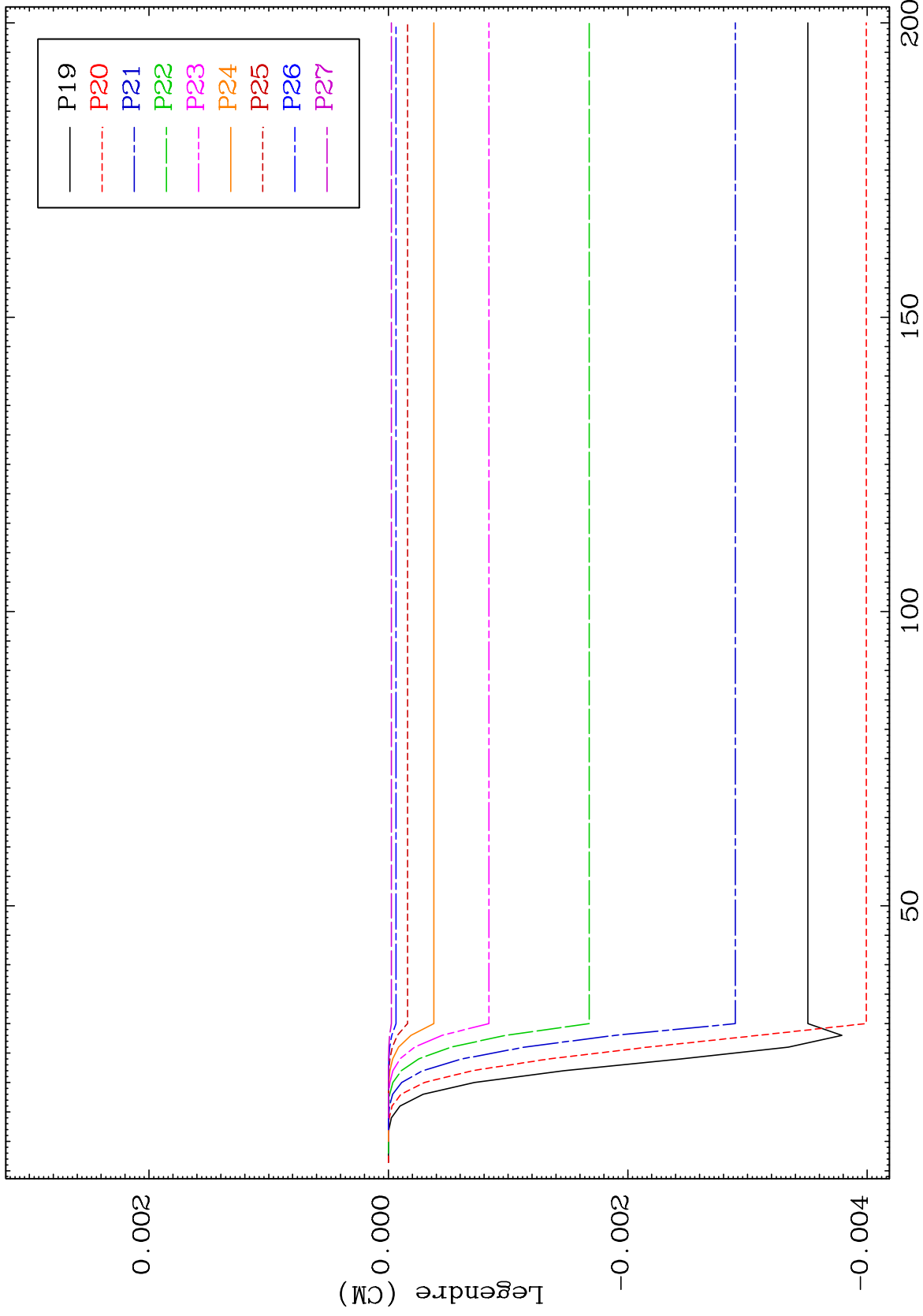
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.073 MeV (n,n') Level
Legendre Coefficients

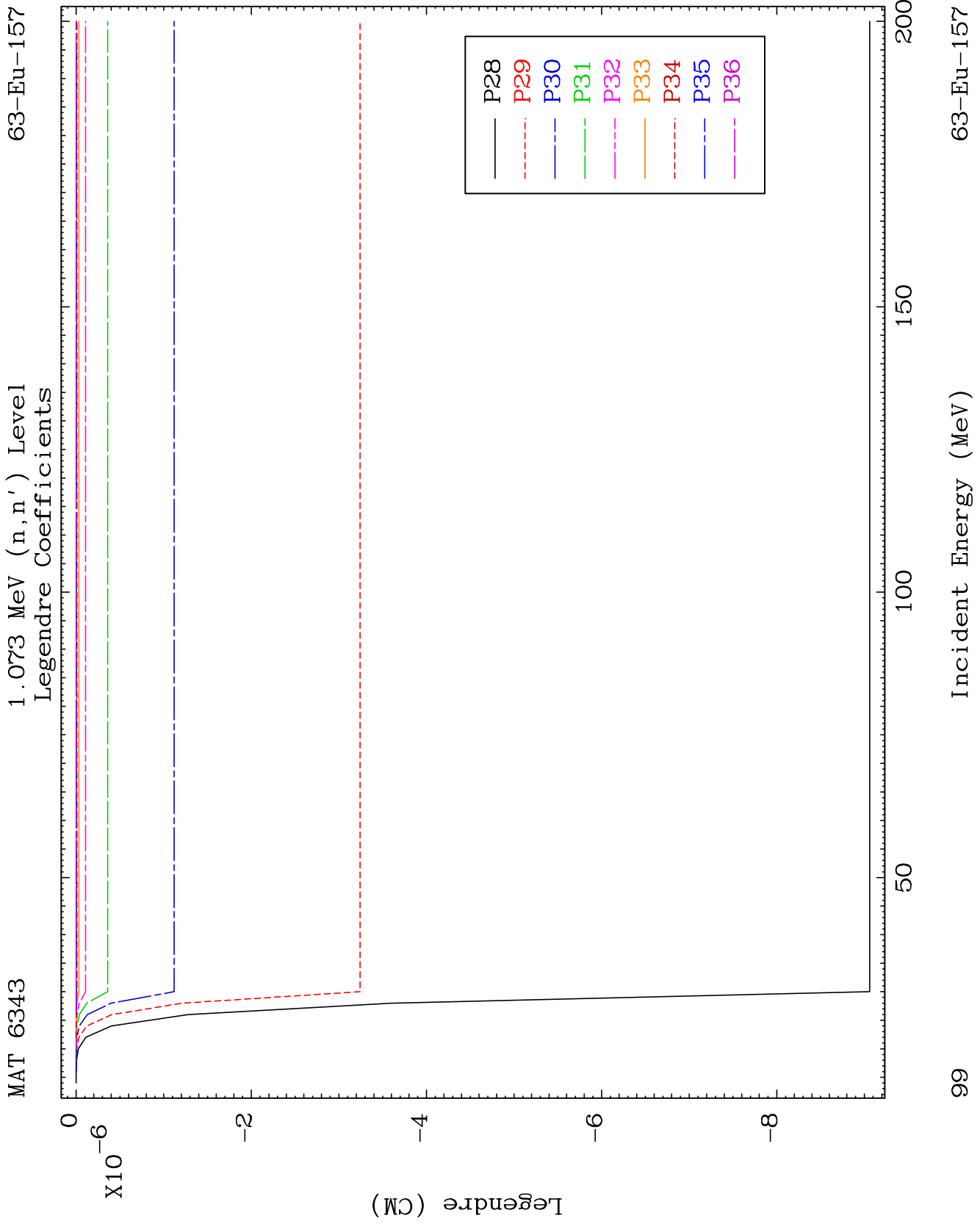
63-Eu-157



98

Incident Energy (MeV)

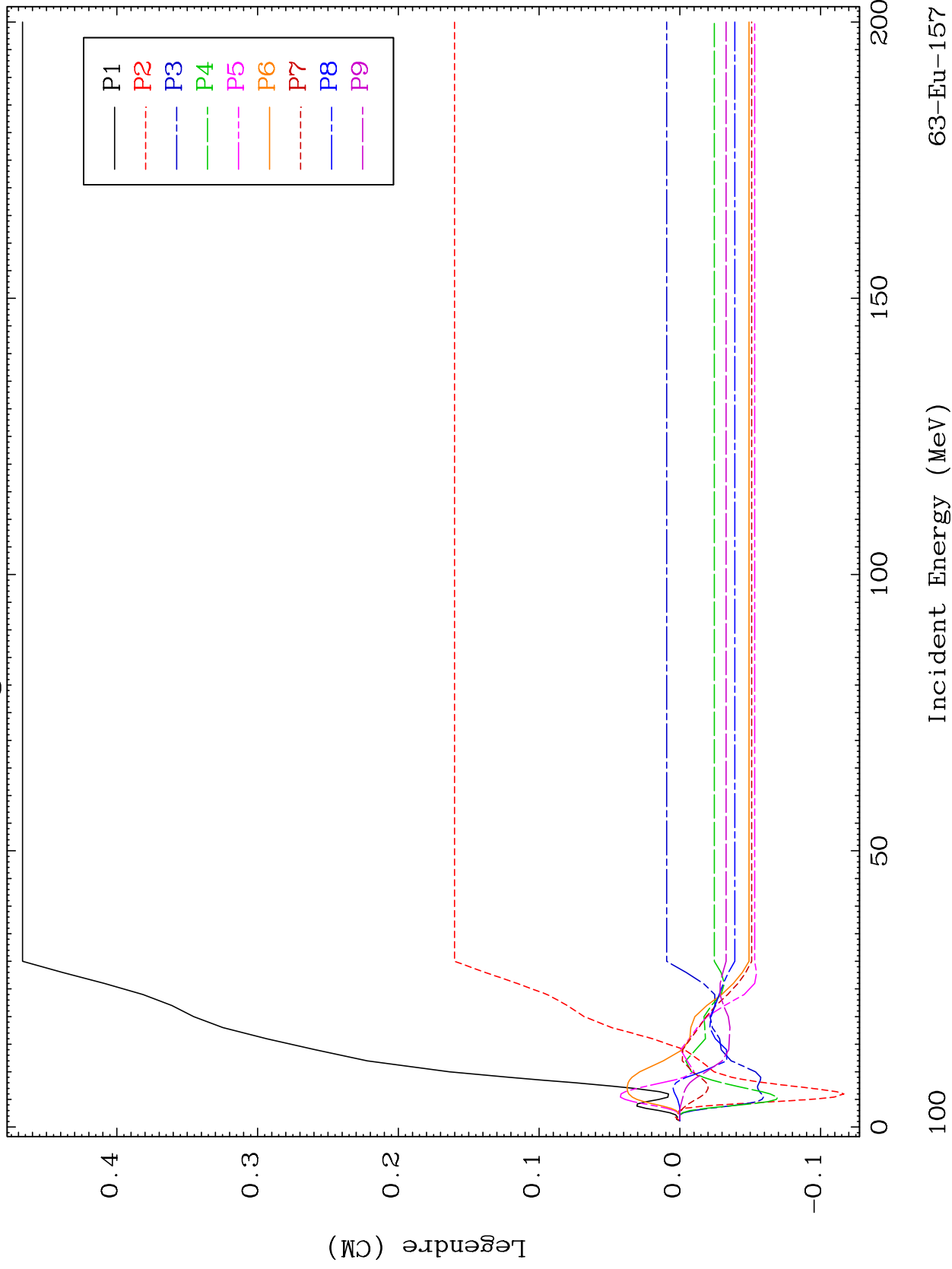
63-Eu-157



MAT 6343

1.098 MeV (n, n') Level
Legendre Coefficients

63-Eu-157

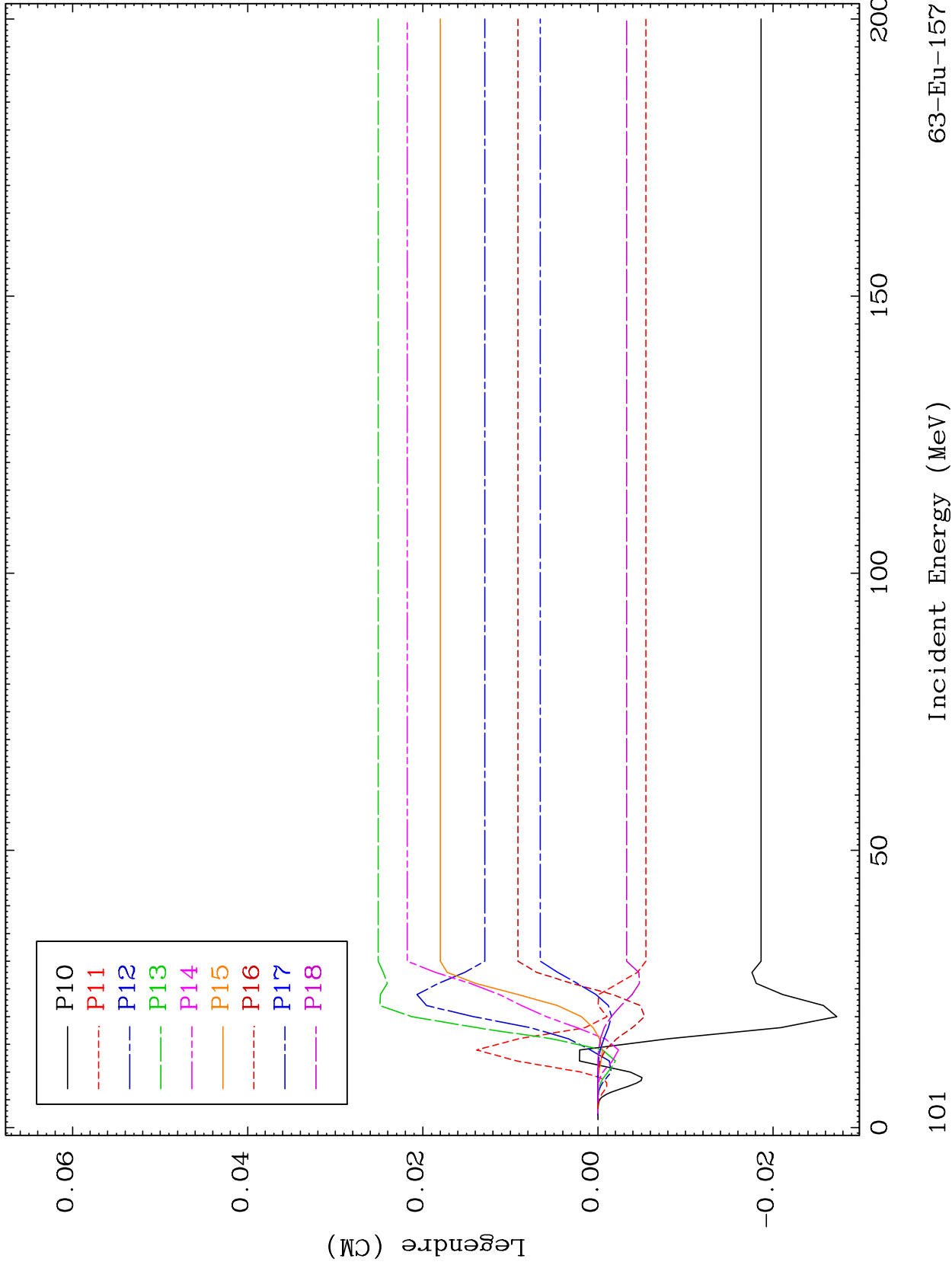


63-Eu-157

MAT 6343

1.098 MeV (n, n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

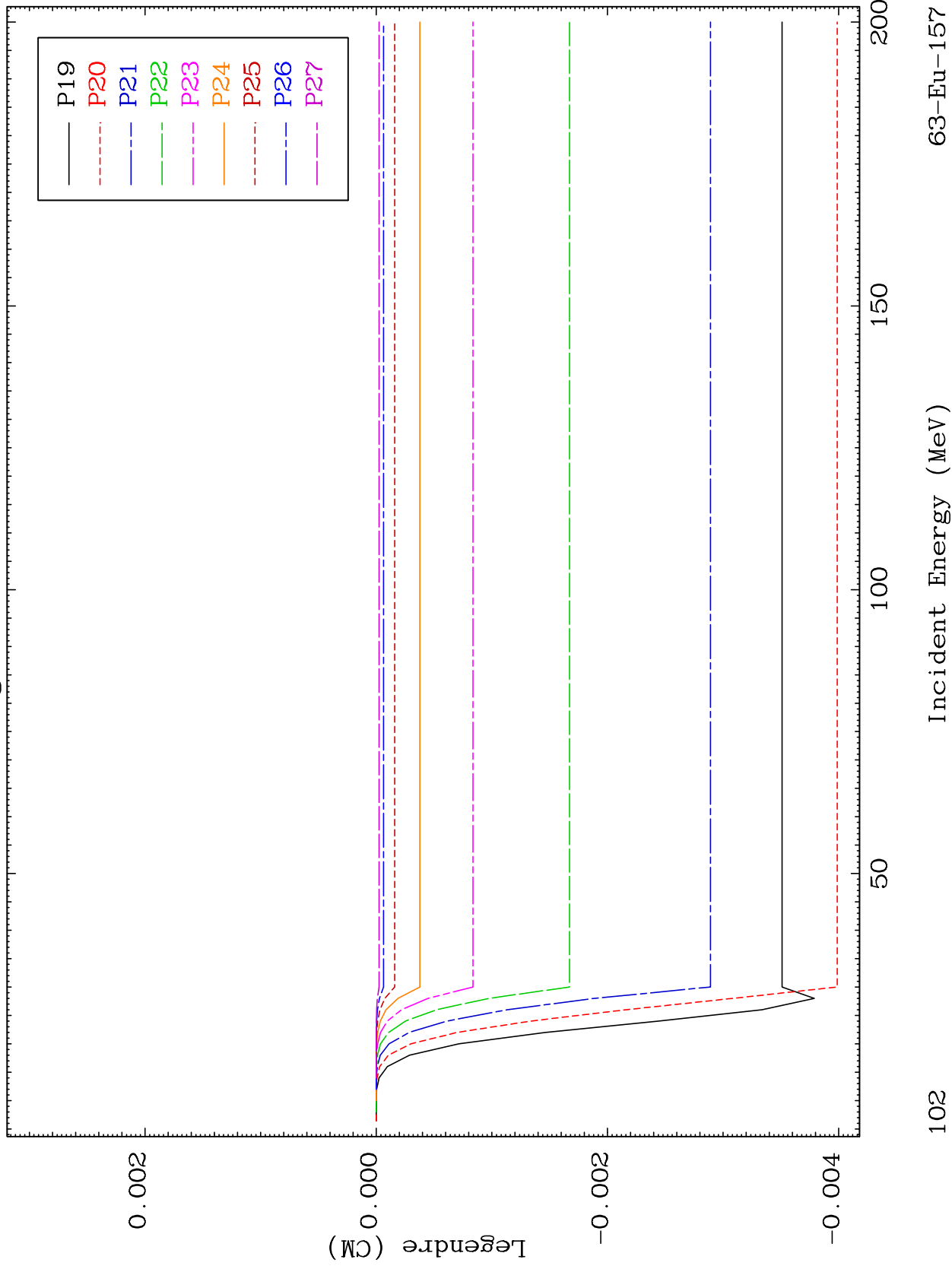
Incident Energy (MeV)

101

MAT 6343

1.098 MeV (n,n') Level
Legendre Coefficients

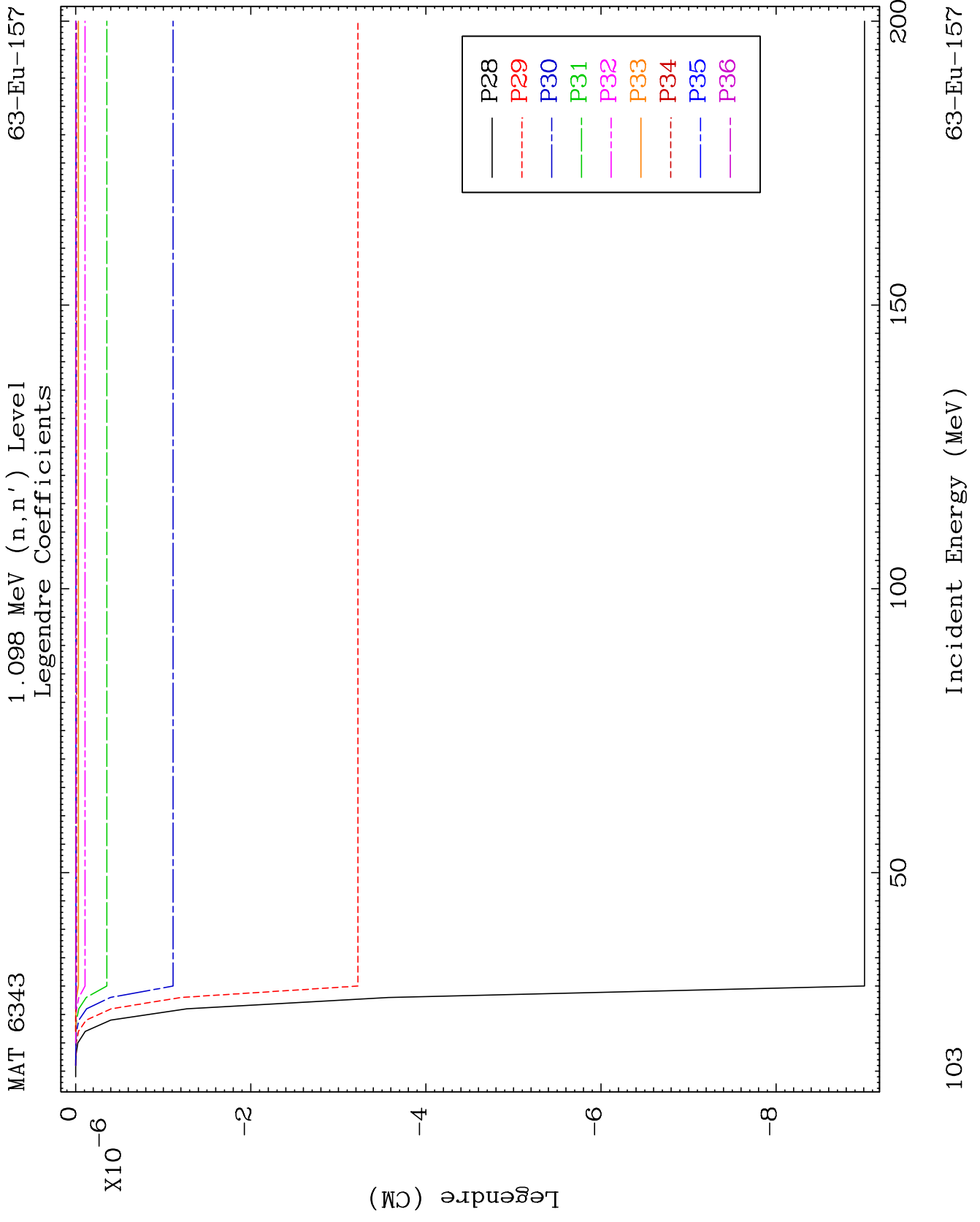
63-Eu-157



102

Incident Energy (MeV)

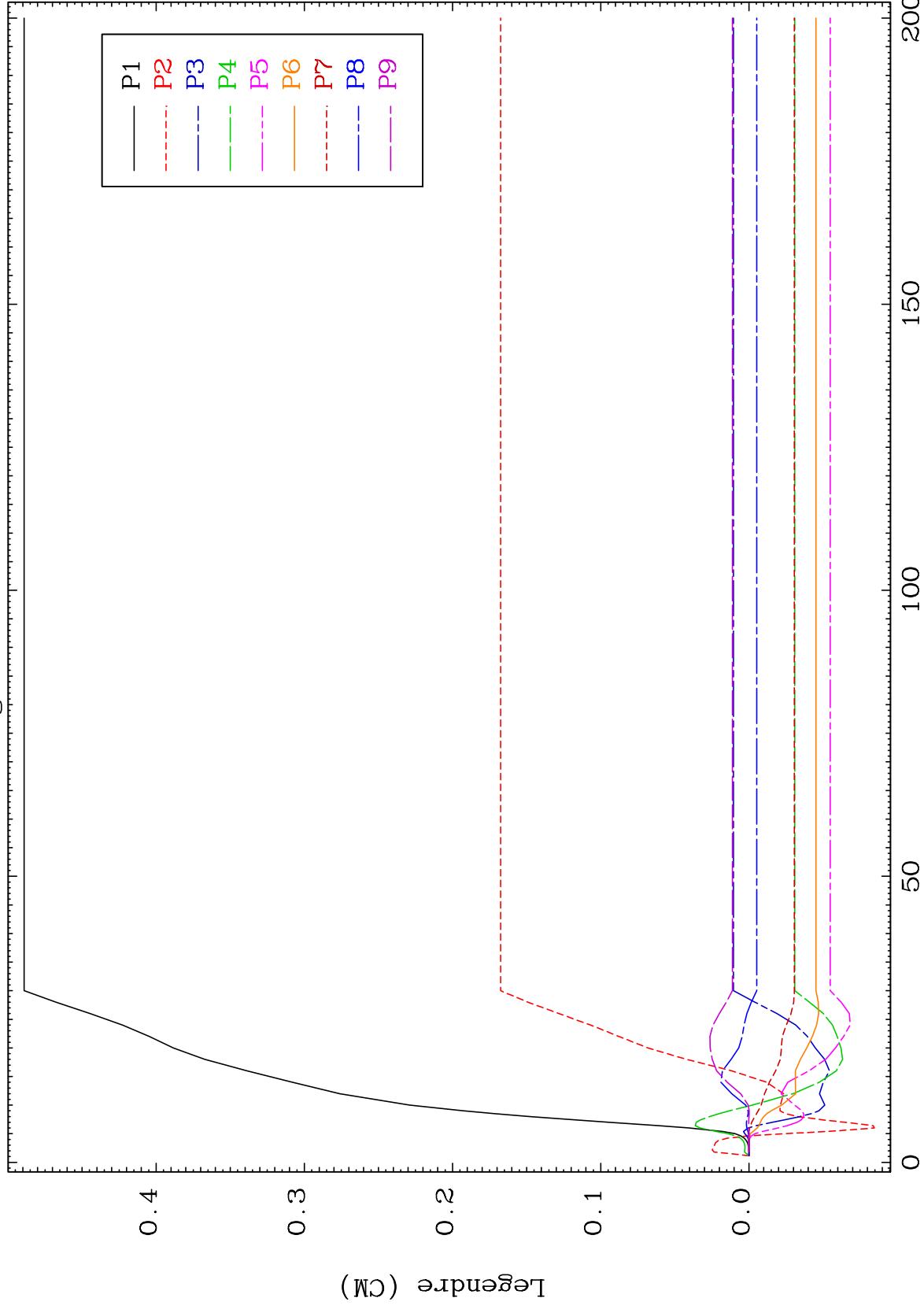
63-Eu-157



MAT 6343

1.145 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



104

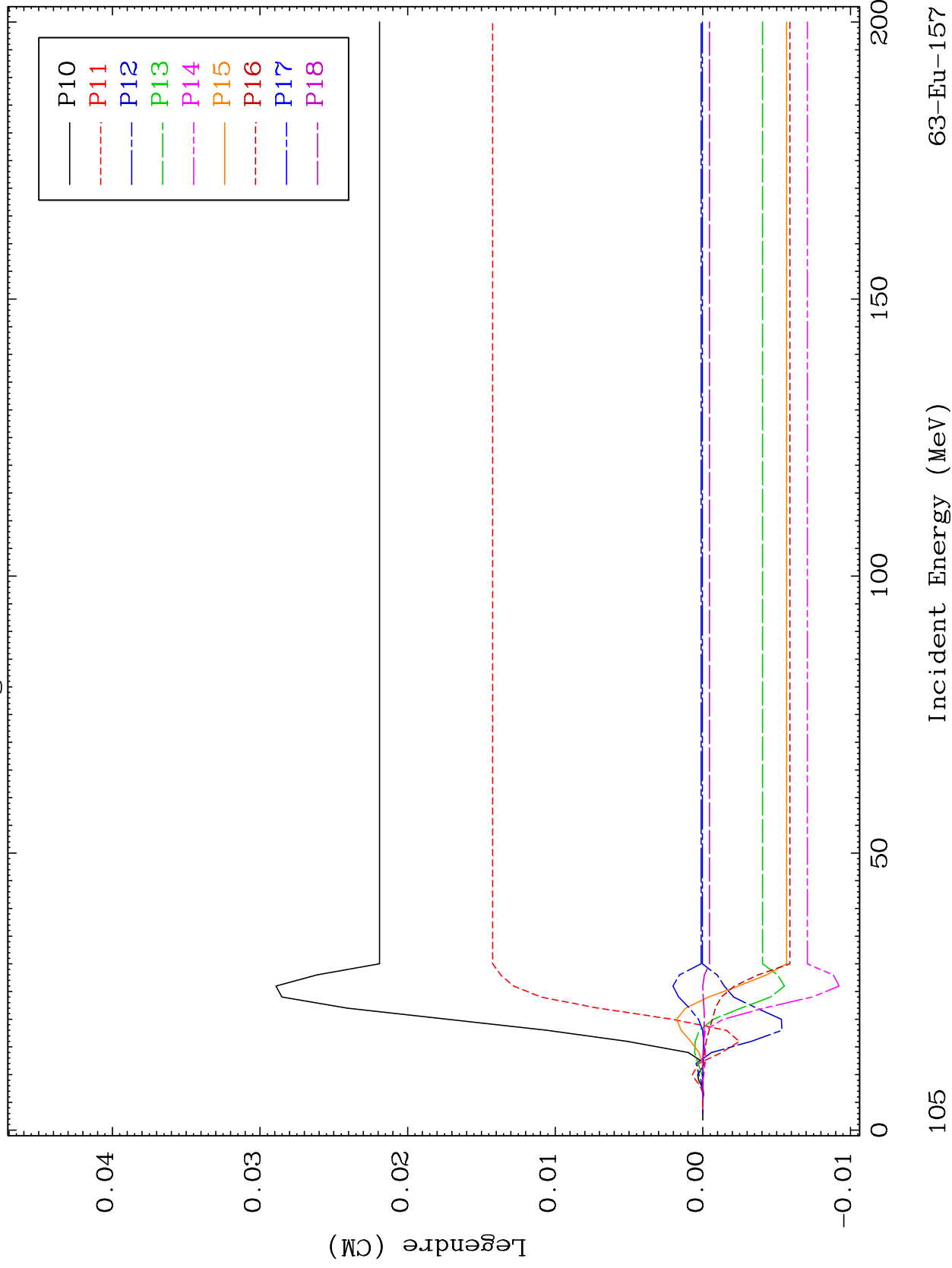
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.145 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

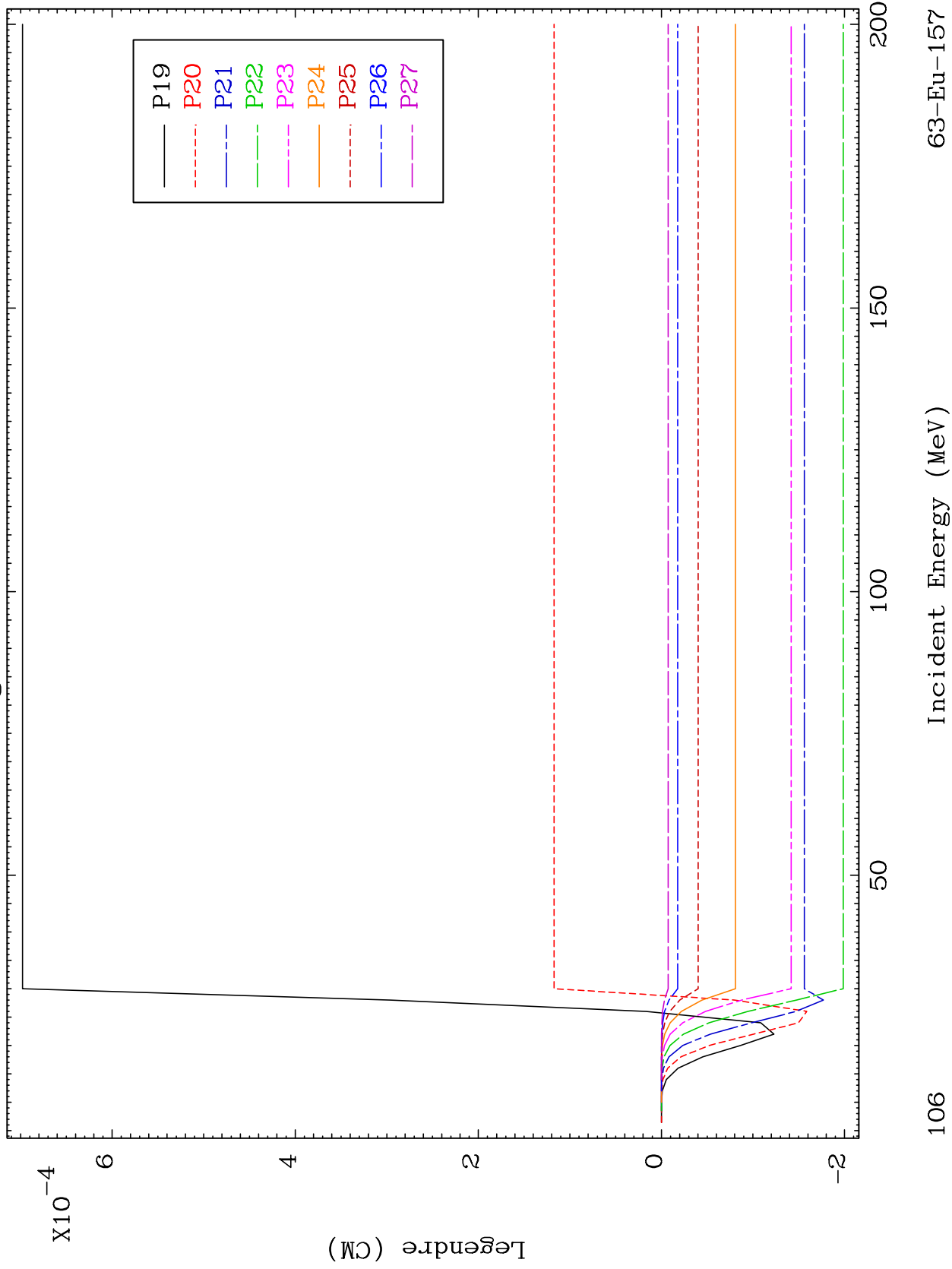
Incident Energy (MeV)

105

MAT 6343

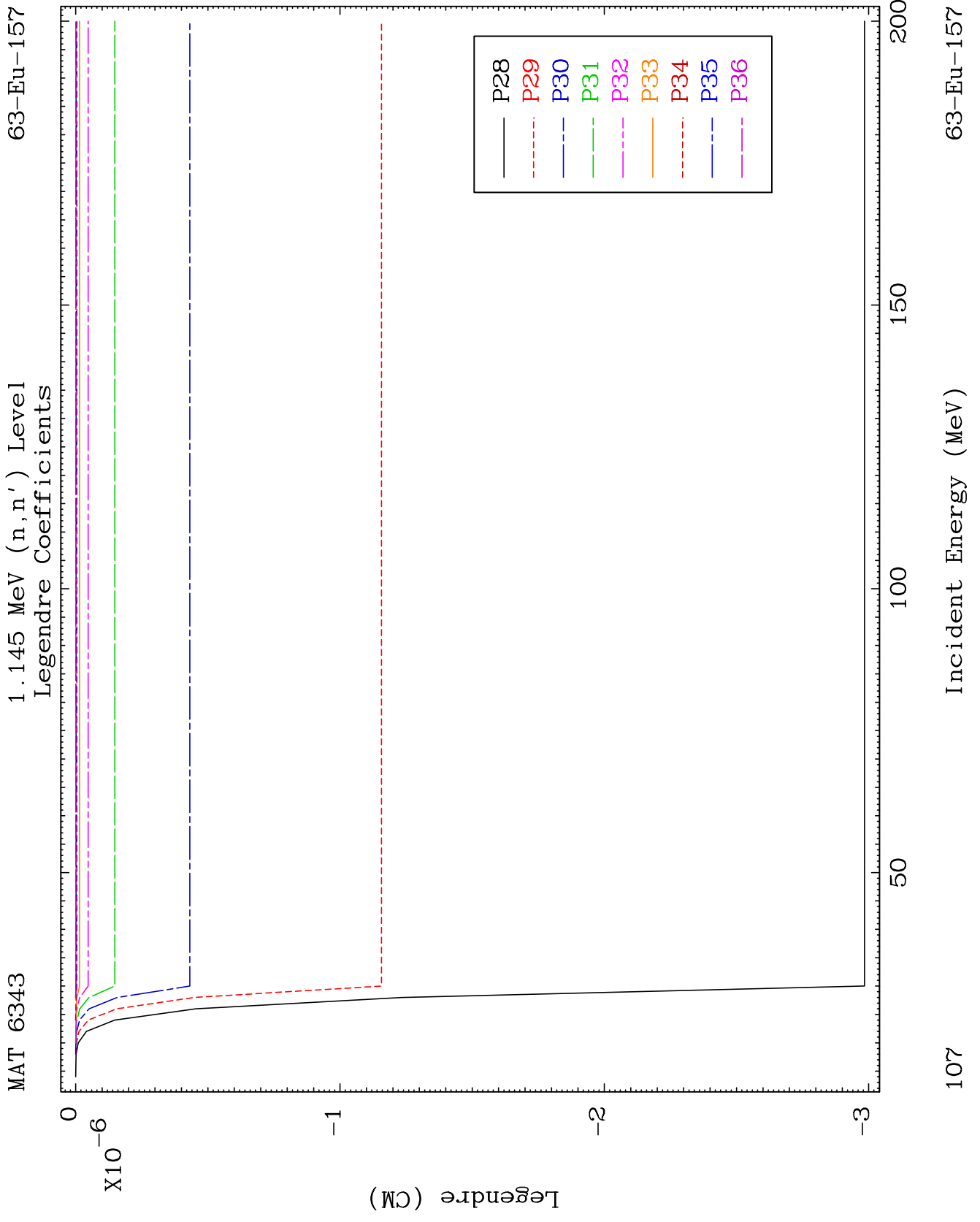
1.145 MeV (n,n') Level
Legendre Coefficients

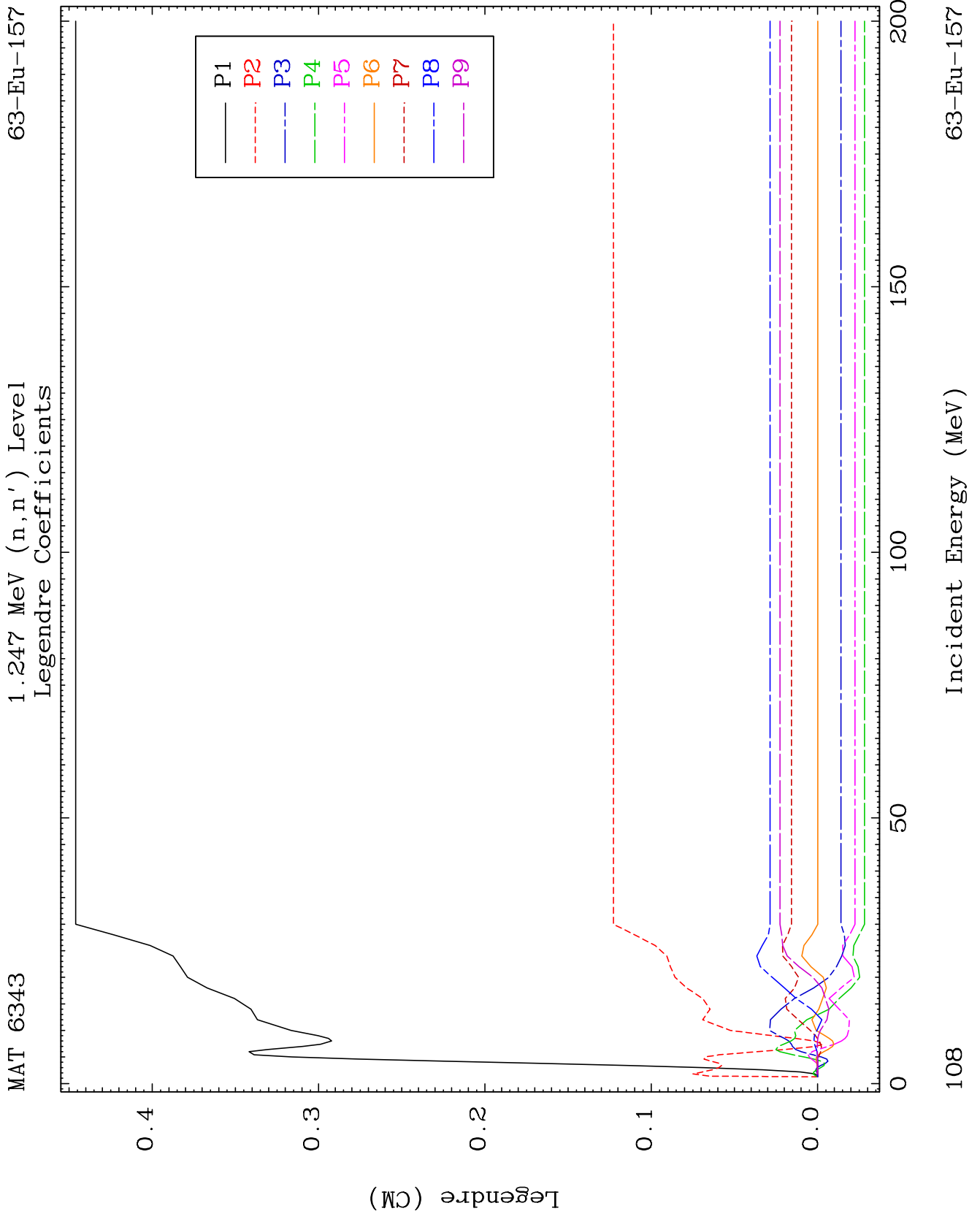
63-Eu-157



106

63-Eu-157

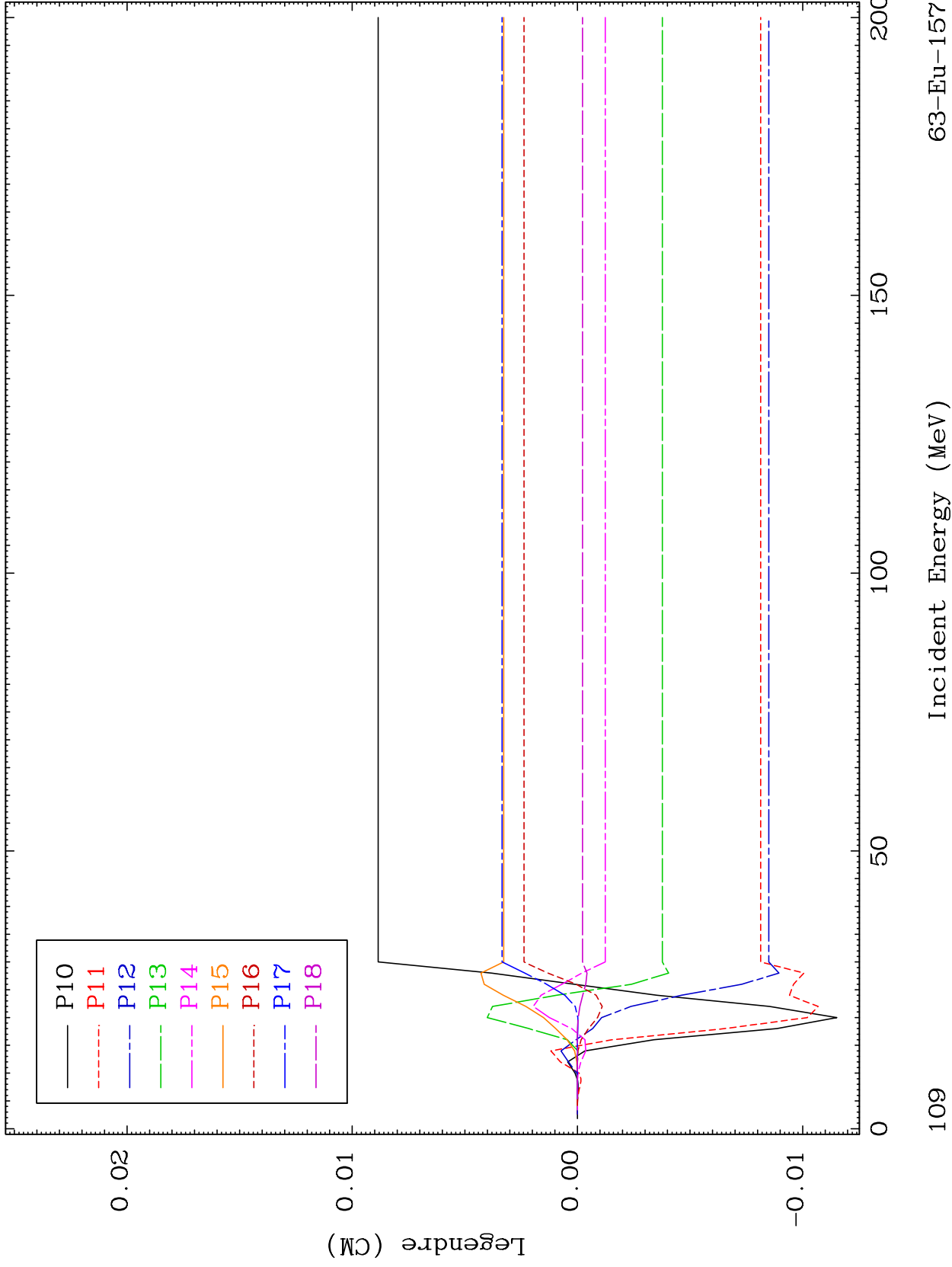




MAT 6343

1.247 MeV (n,n') Level
Legendre Coefficients

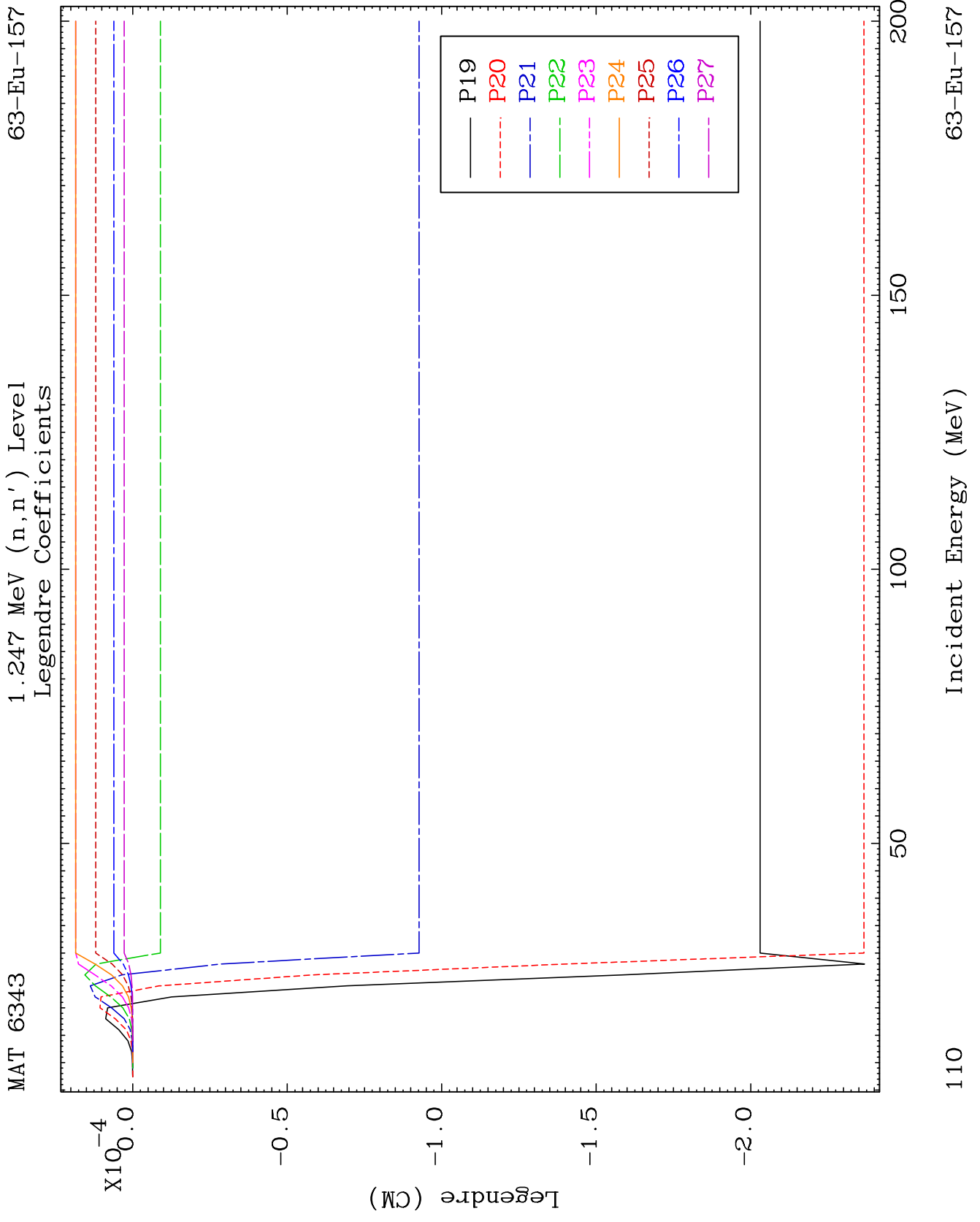
63-Eu-157

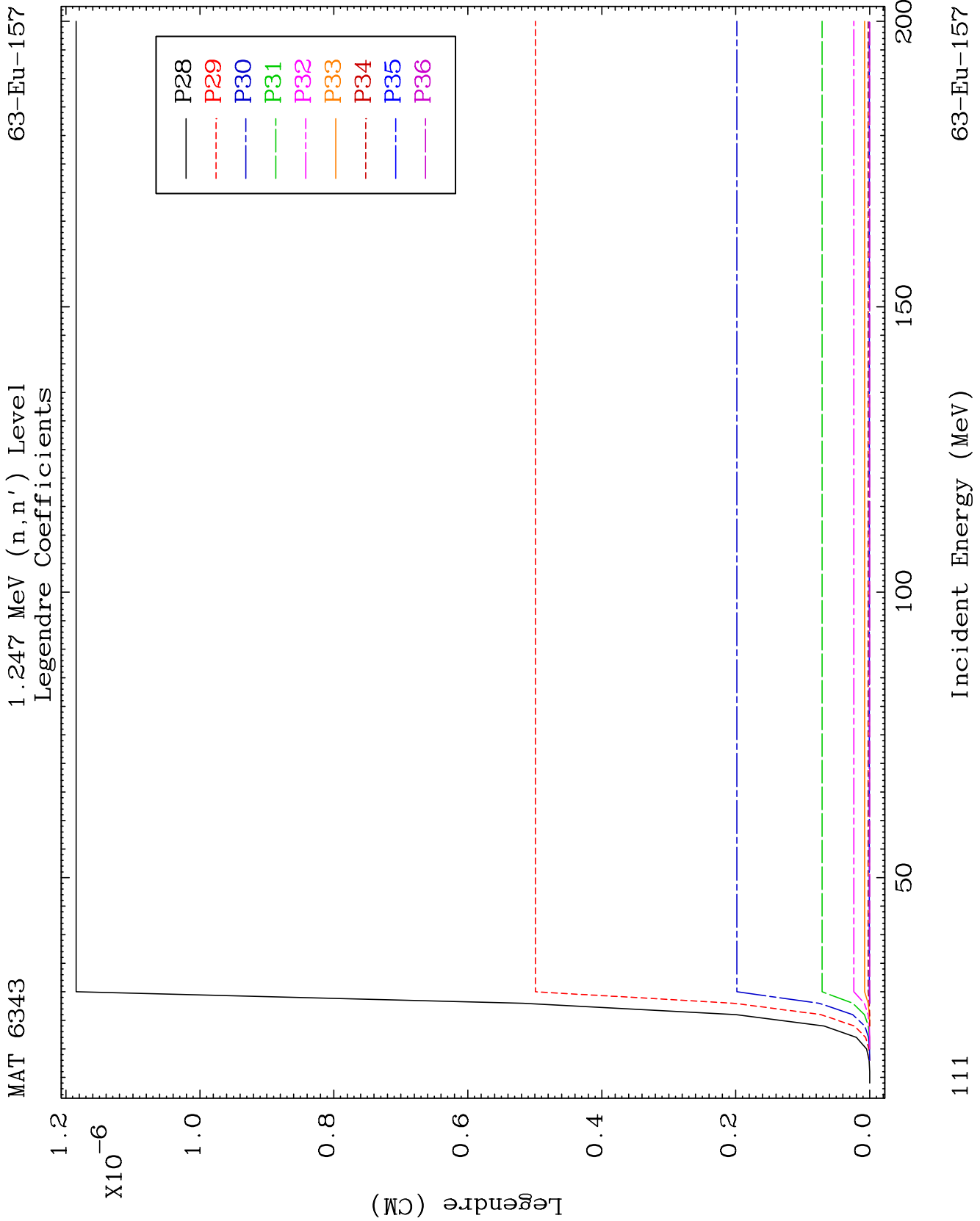


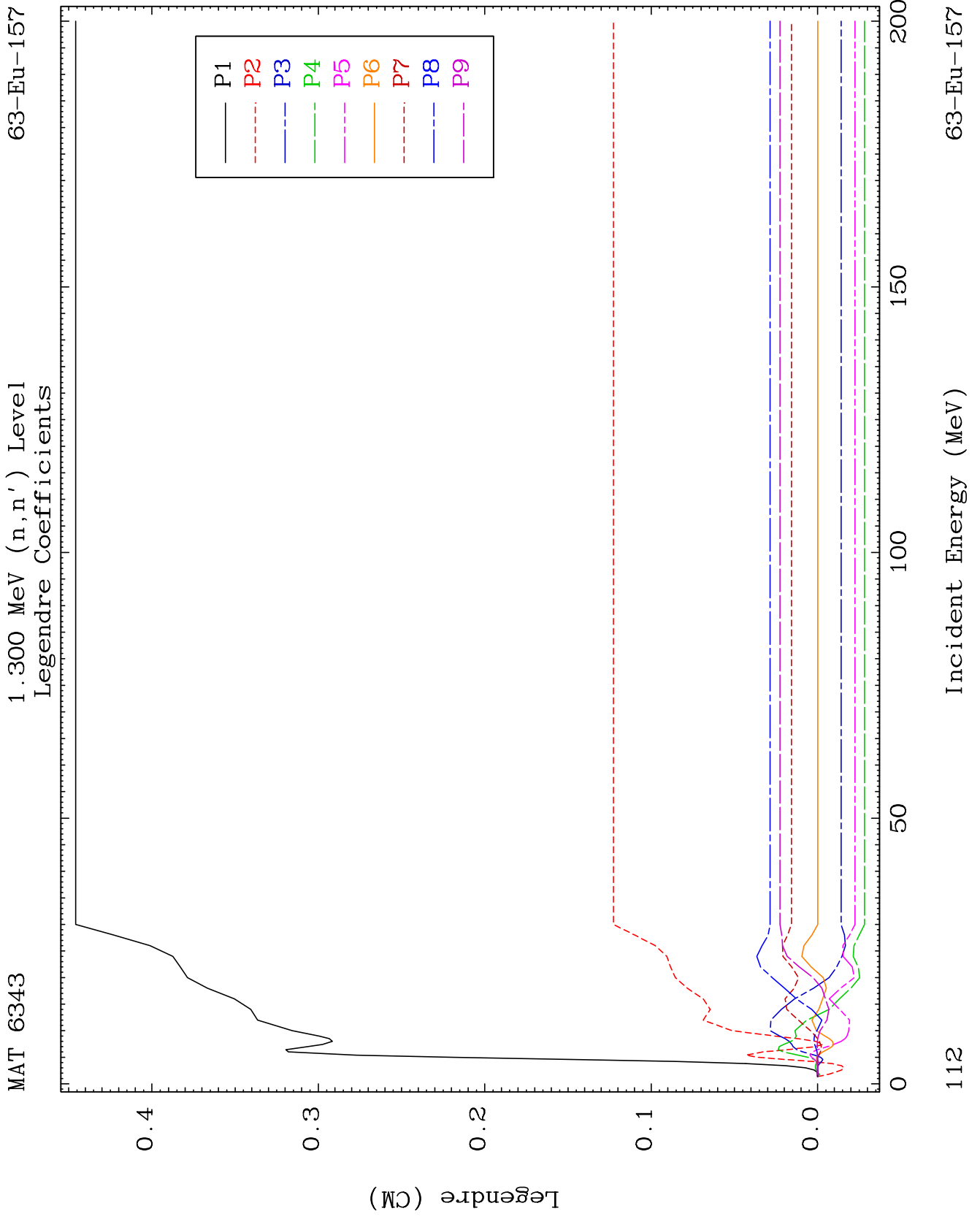
109

Incident Energy (MeV)

63-Eu-157



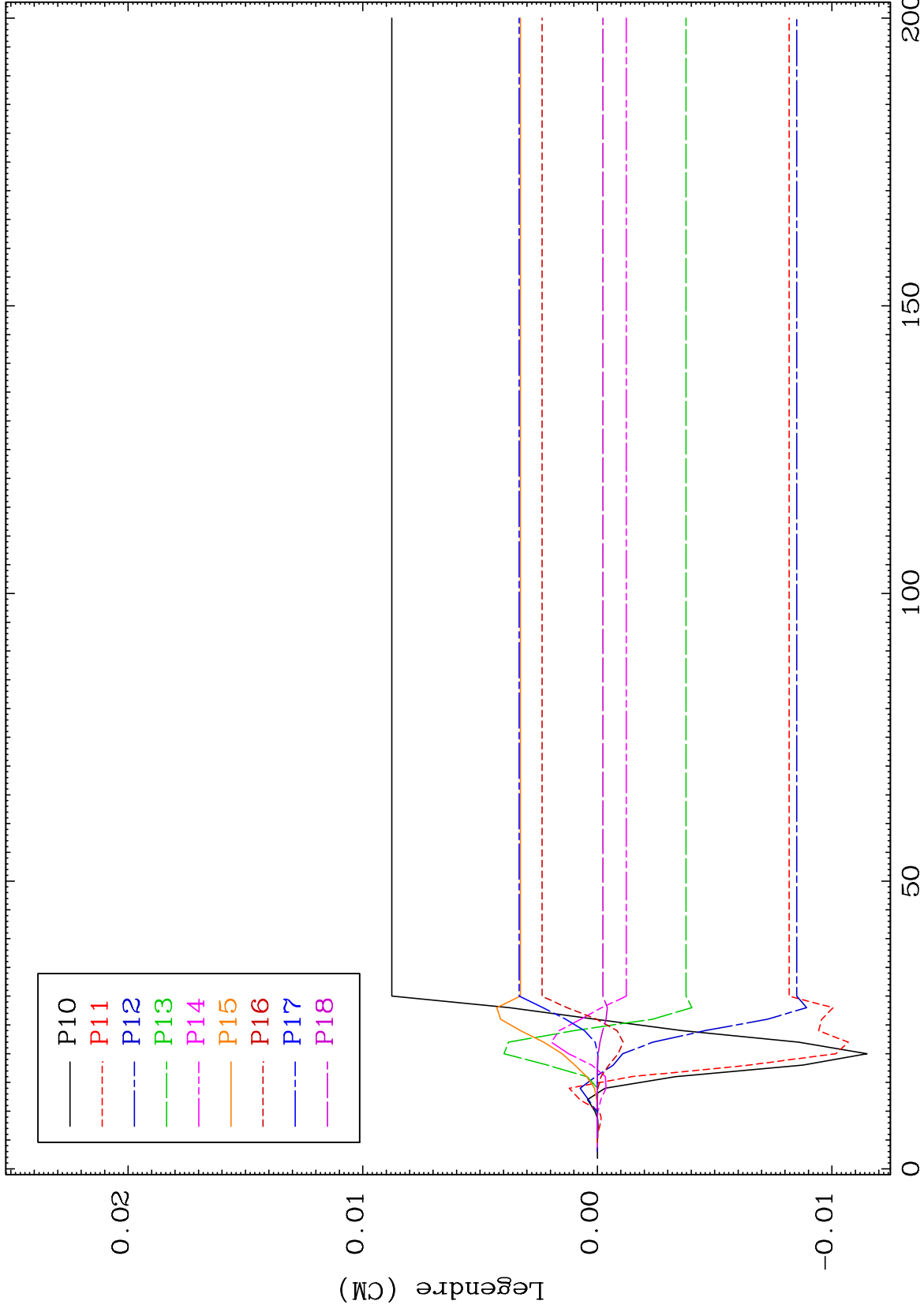




MAT 6343

1.300 MeV (n,n') Level
Legendre Coefficients

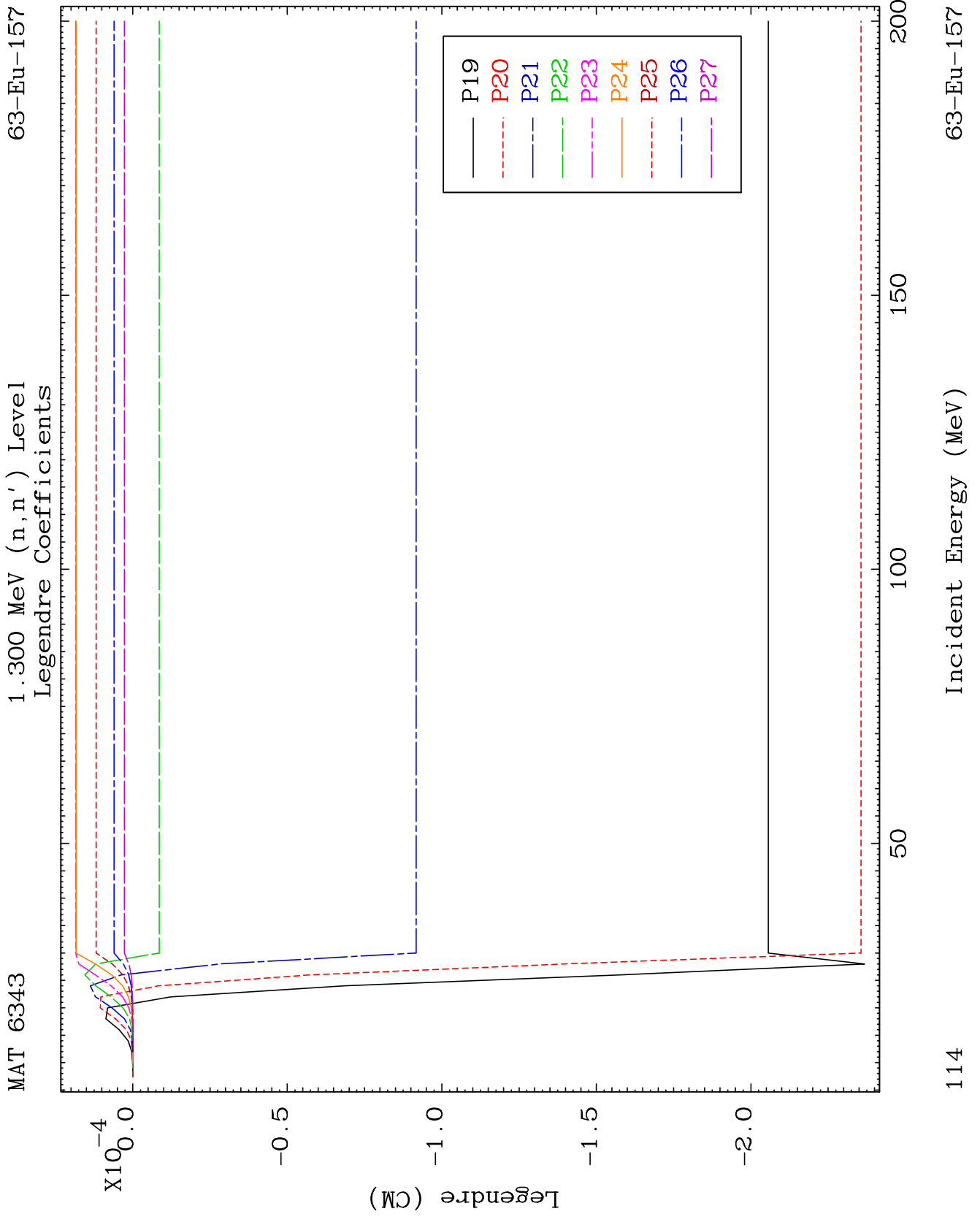
63-Eu-157

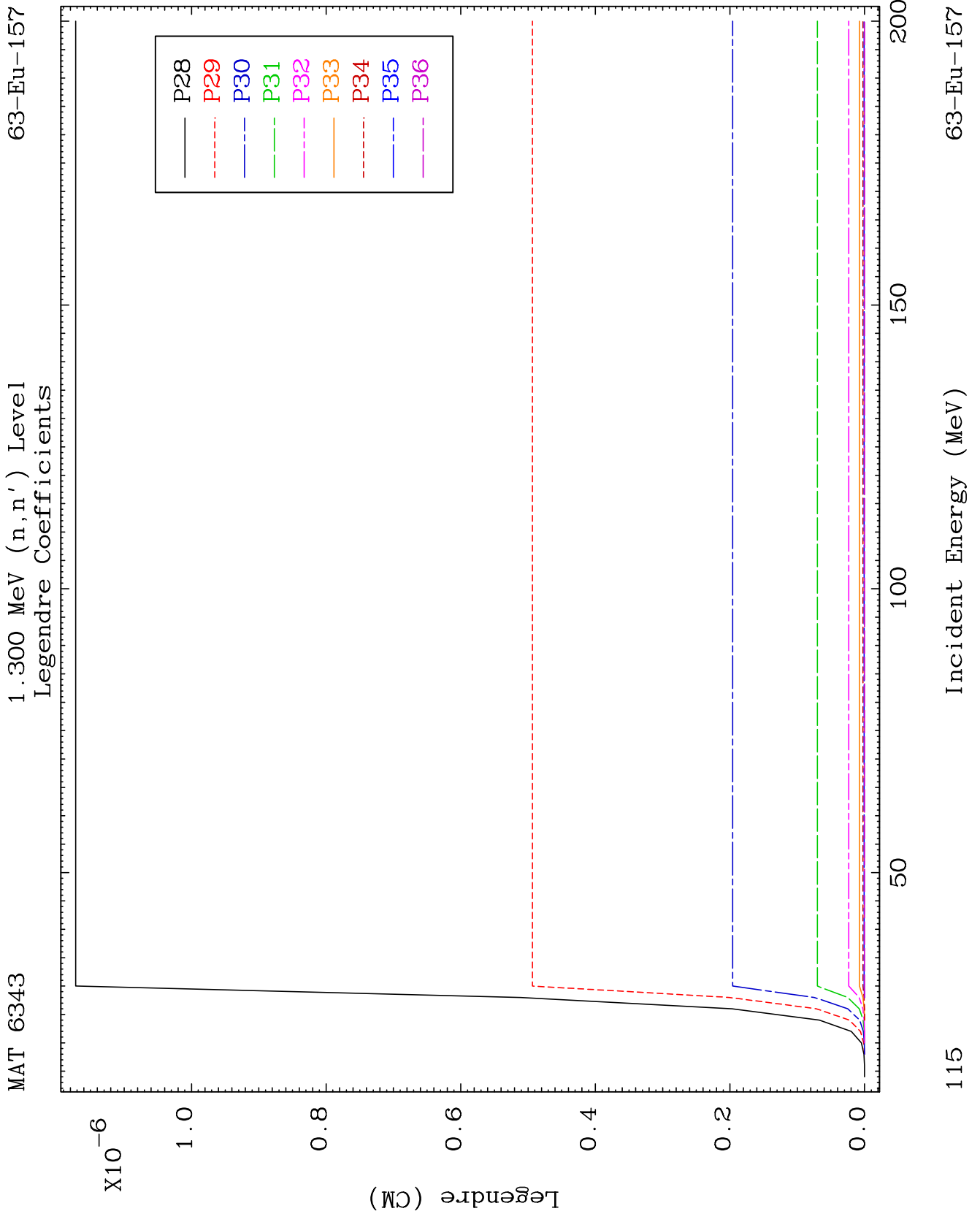


113

Incident Energy (MeV)

63-Eu-157

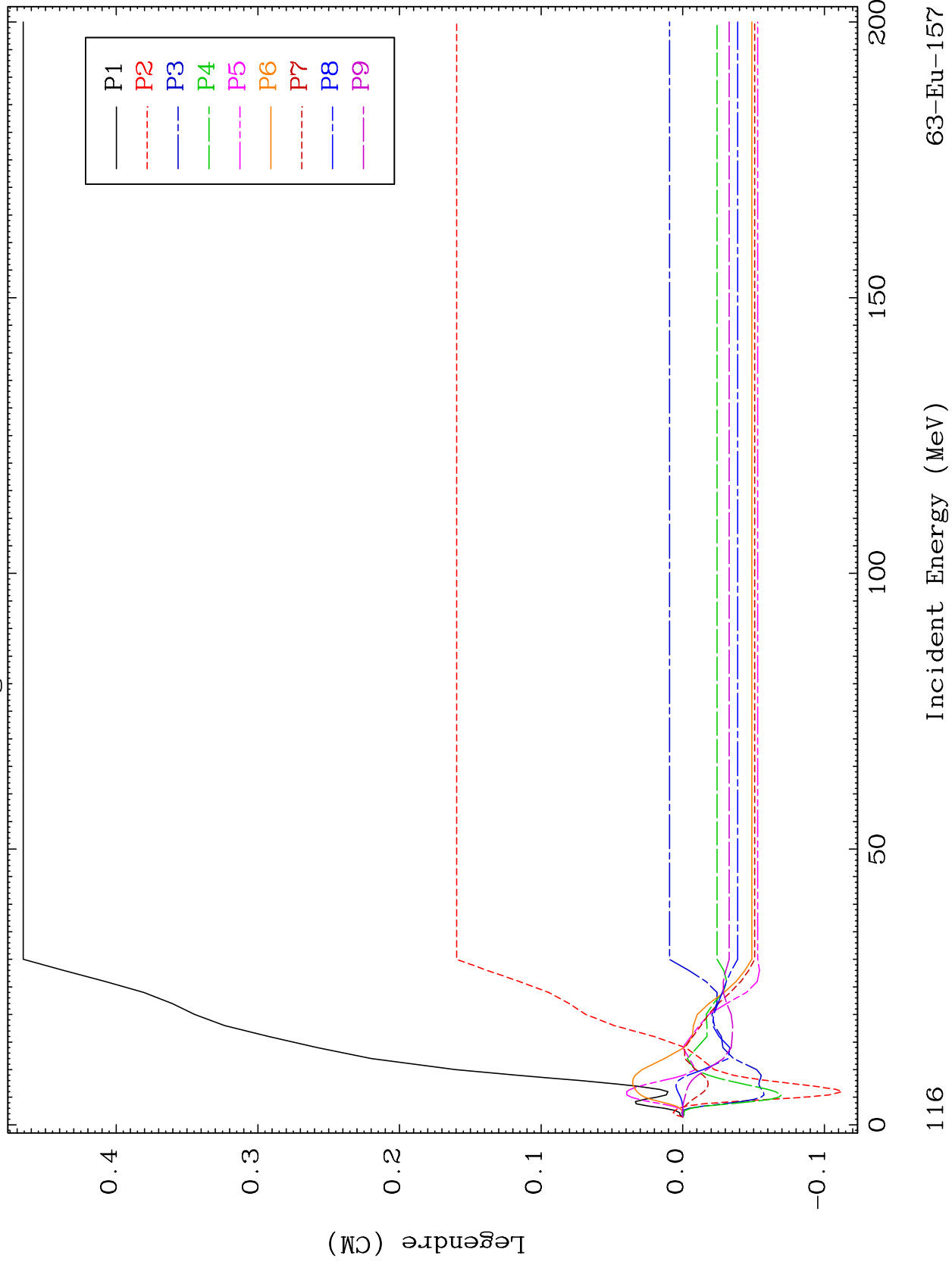




MAT 6343

1.322 MeV (n,n') Level
Legendre Coefficients

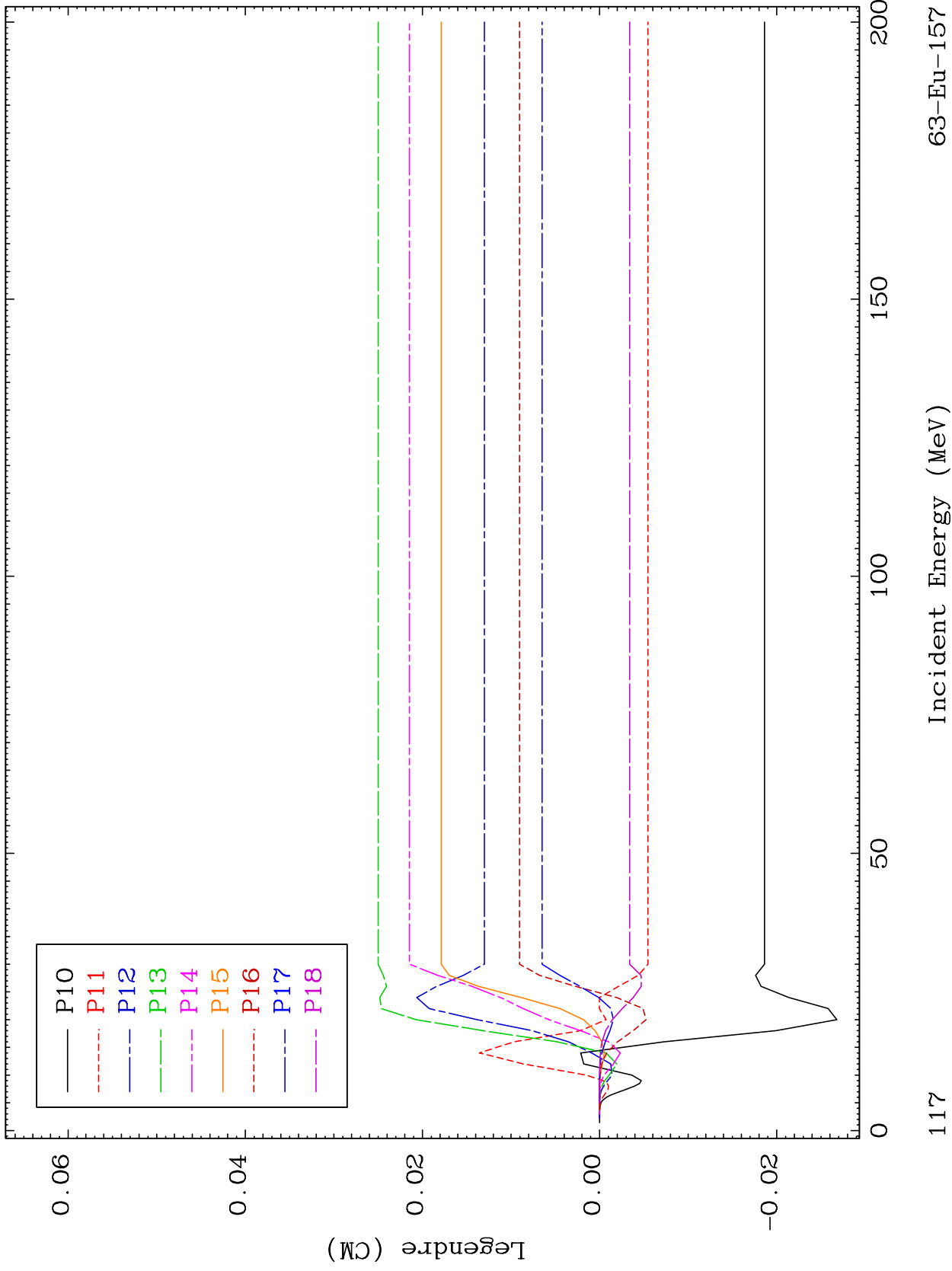
63-Eu-157



116

Incident Energy (MeV)

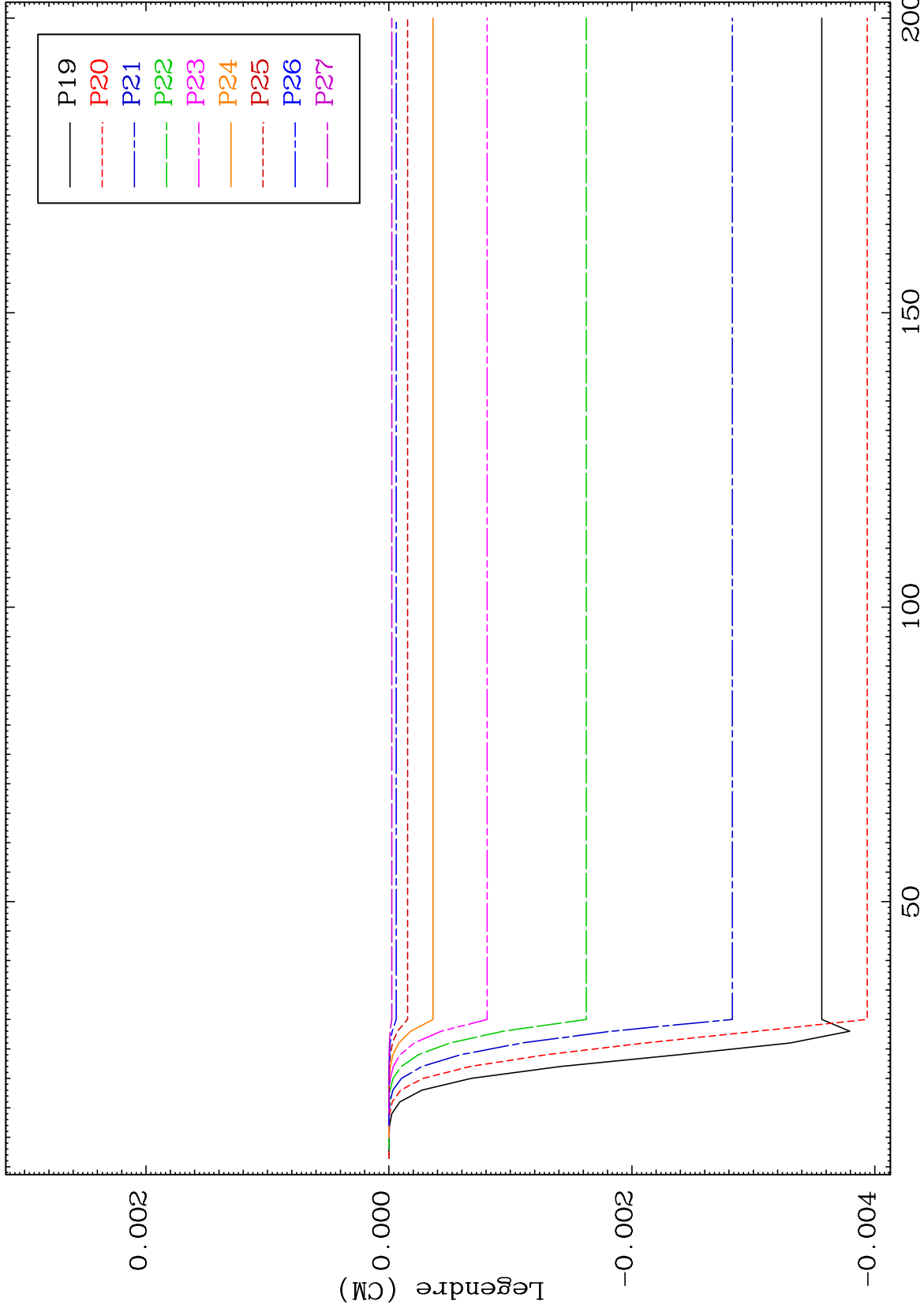
63-Eu-157



MAT 6343

1.322 MeV (n,n') Level
Legendre Coefficients

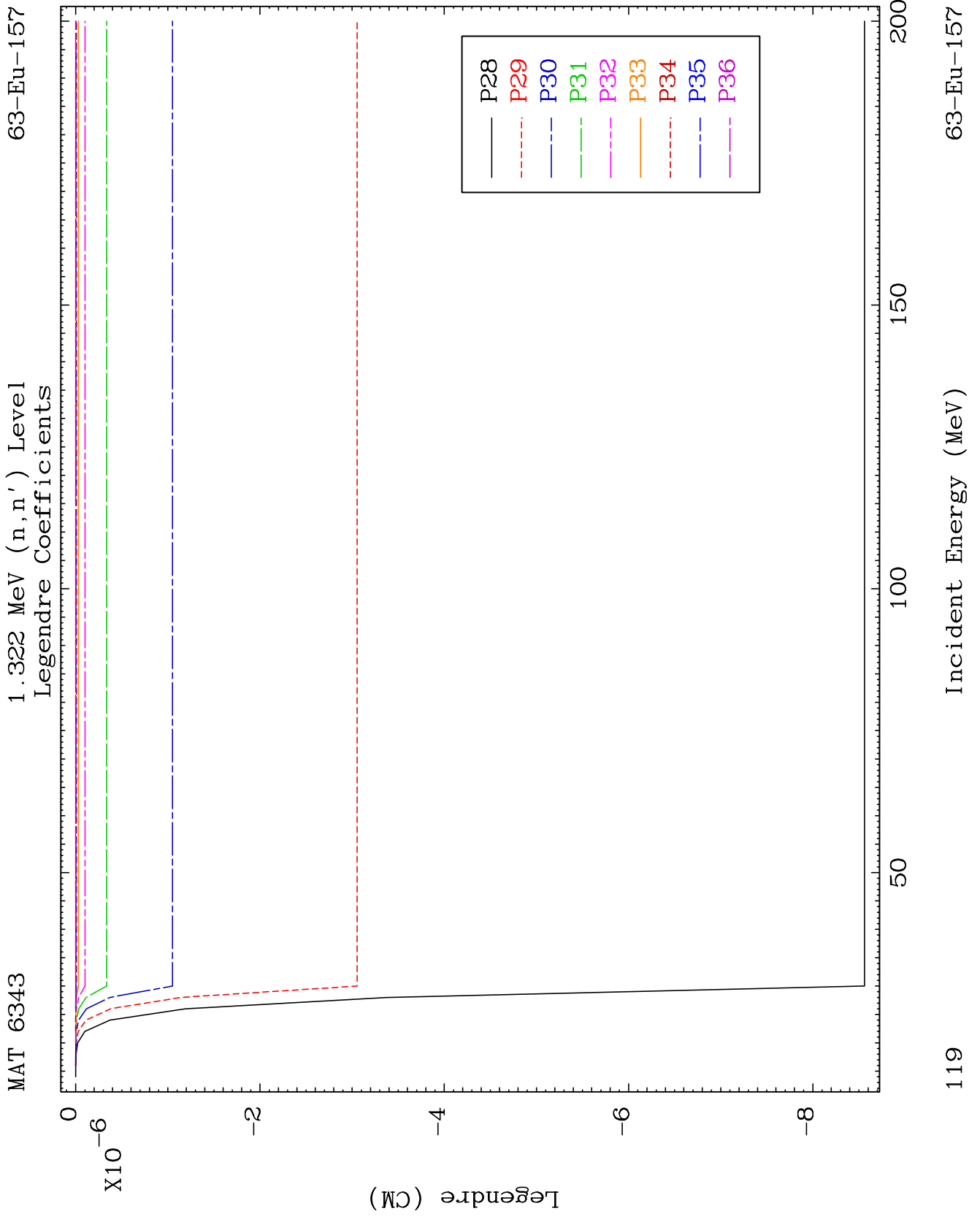
63-Eu-157



118

Incident Energy (MeV)

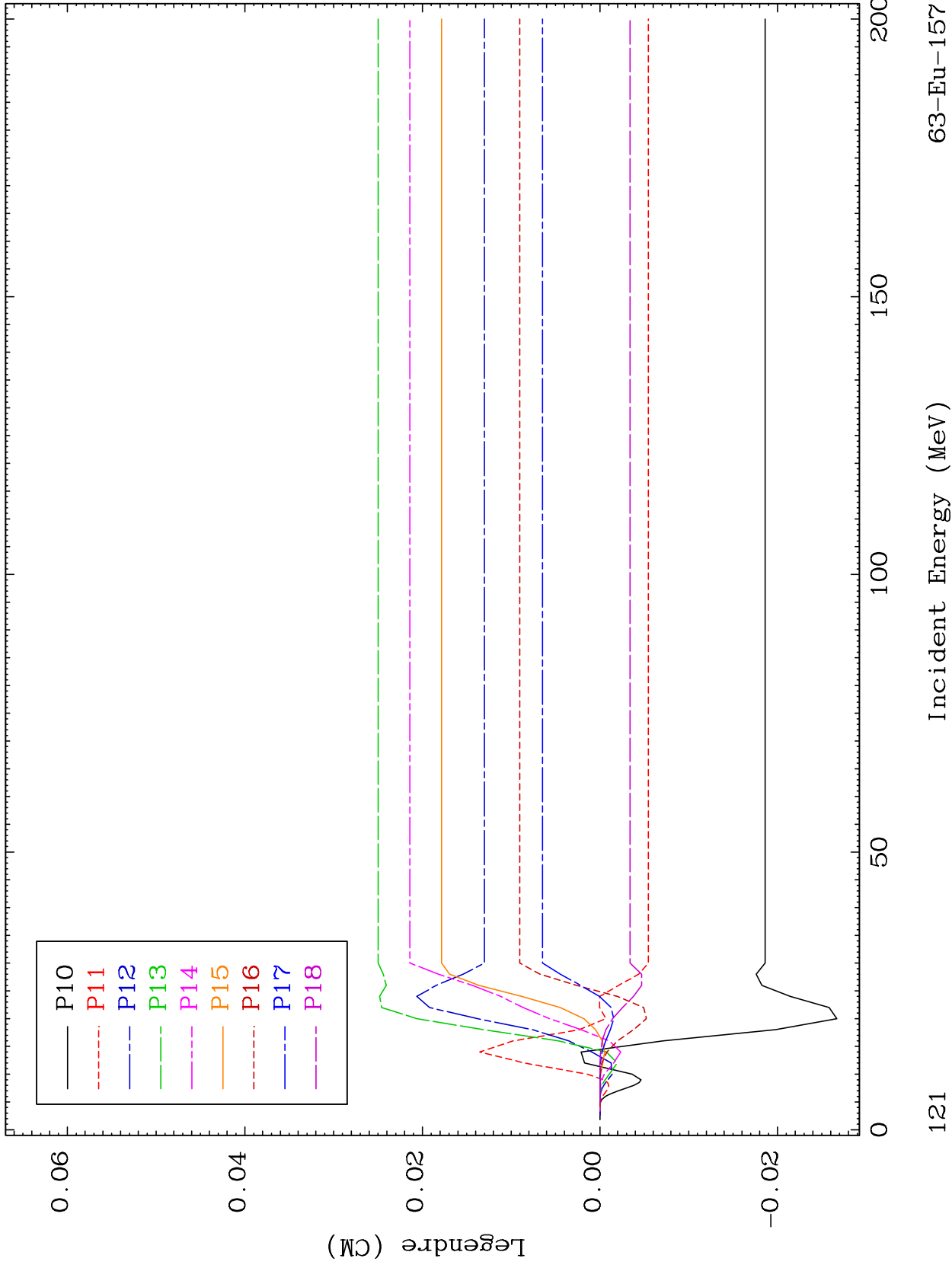
63-Eu-157



MAT 6343

1.361 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

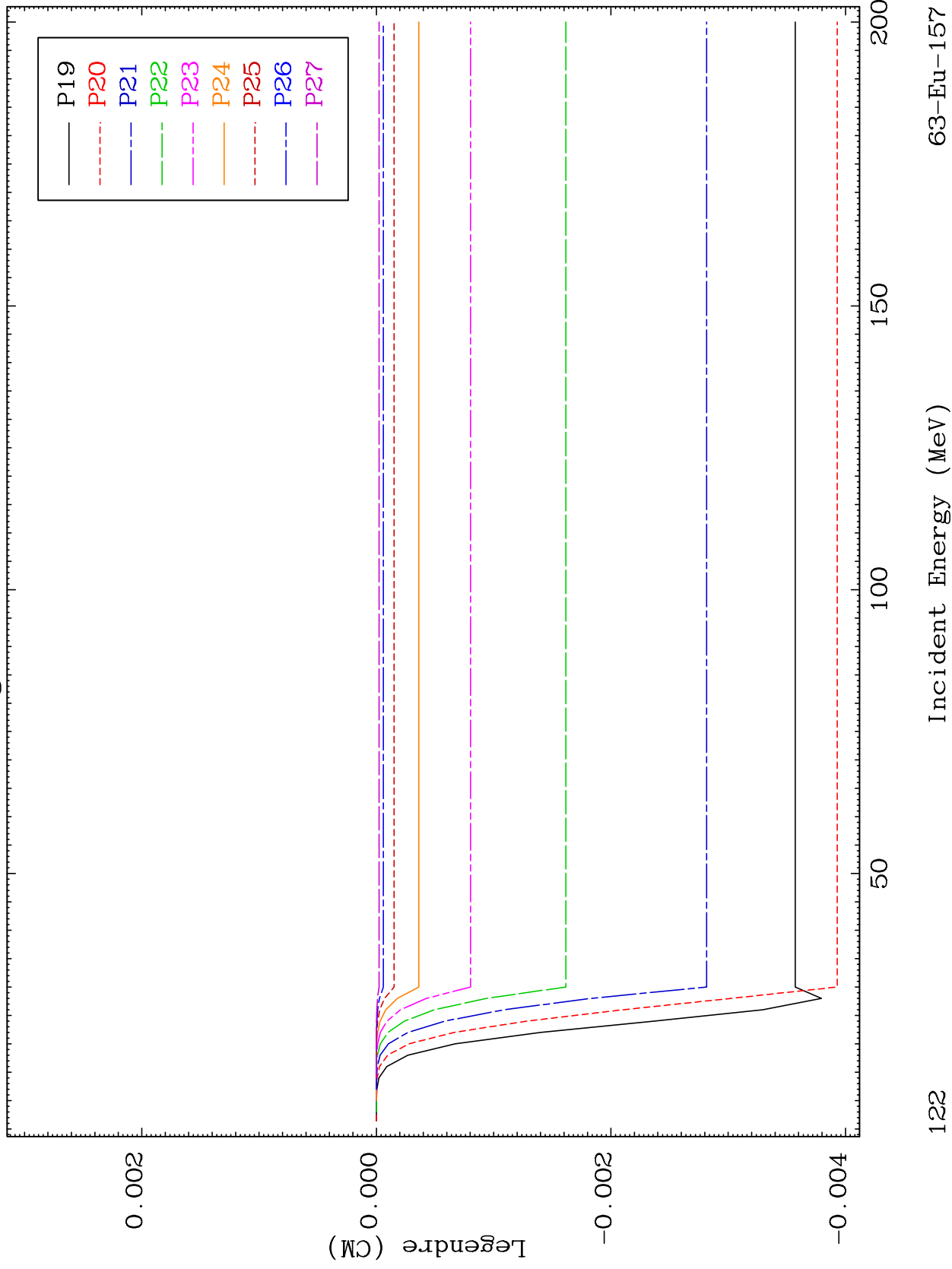
Incident Energy (MeV)

121

MAT 6343

1.361 MeV (n,n') Level
Legendre Coefficients

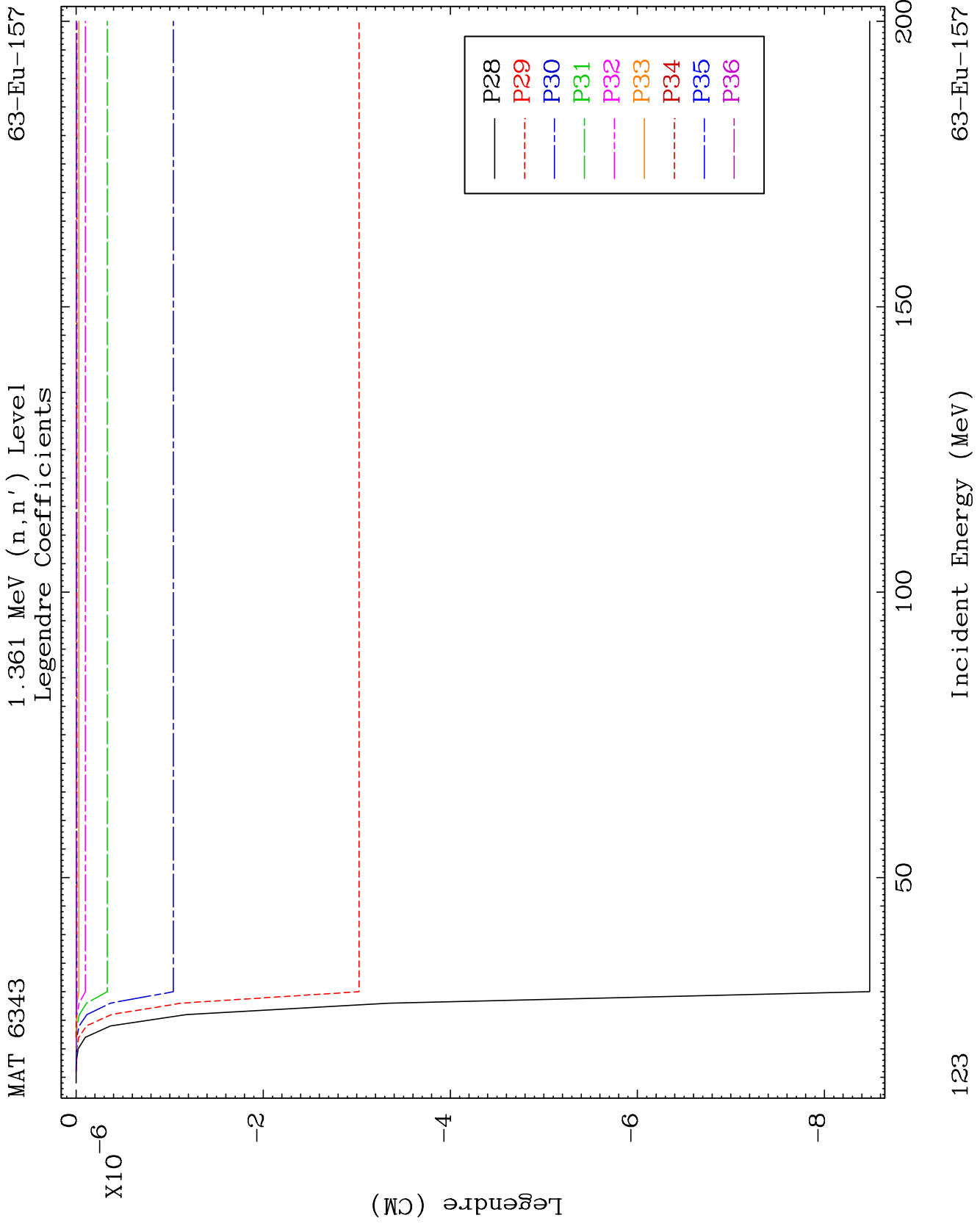
63-Eu-157



122

Incident Energy (MeV)

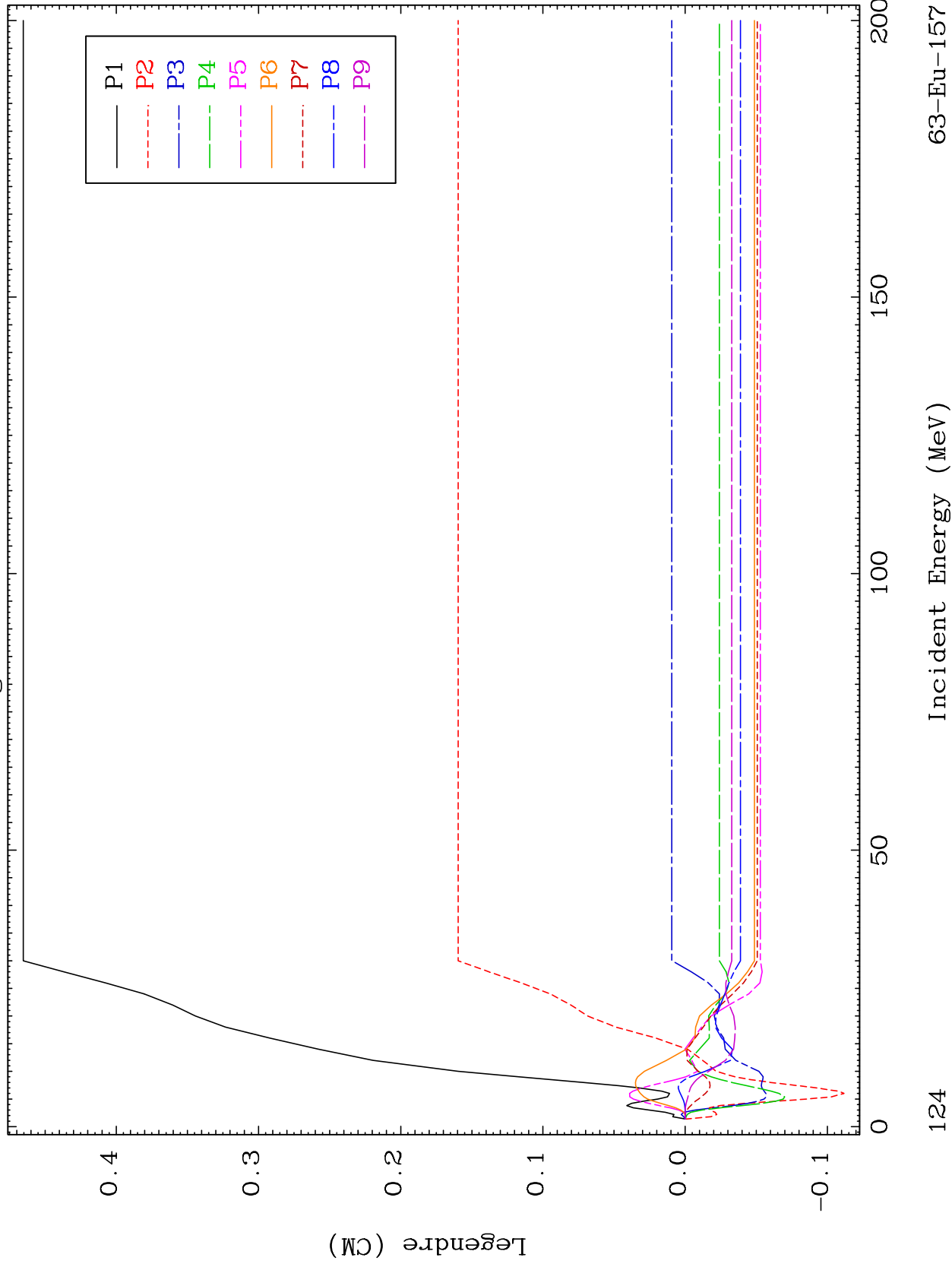
63-Eu-157



MAT 6343

1.369 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

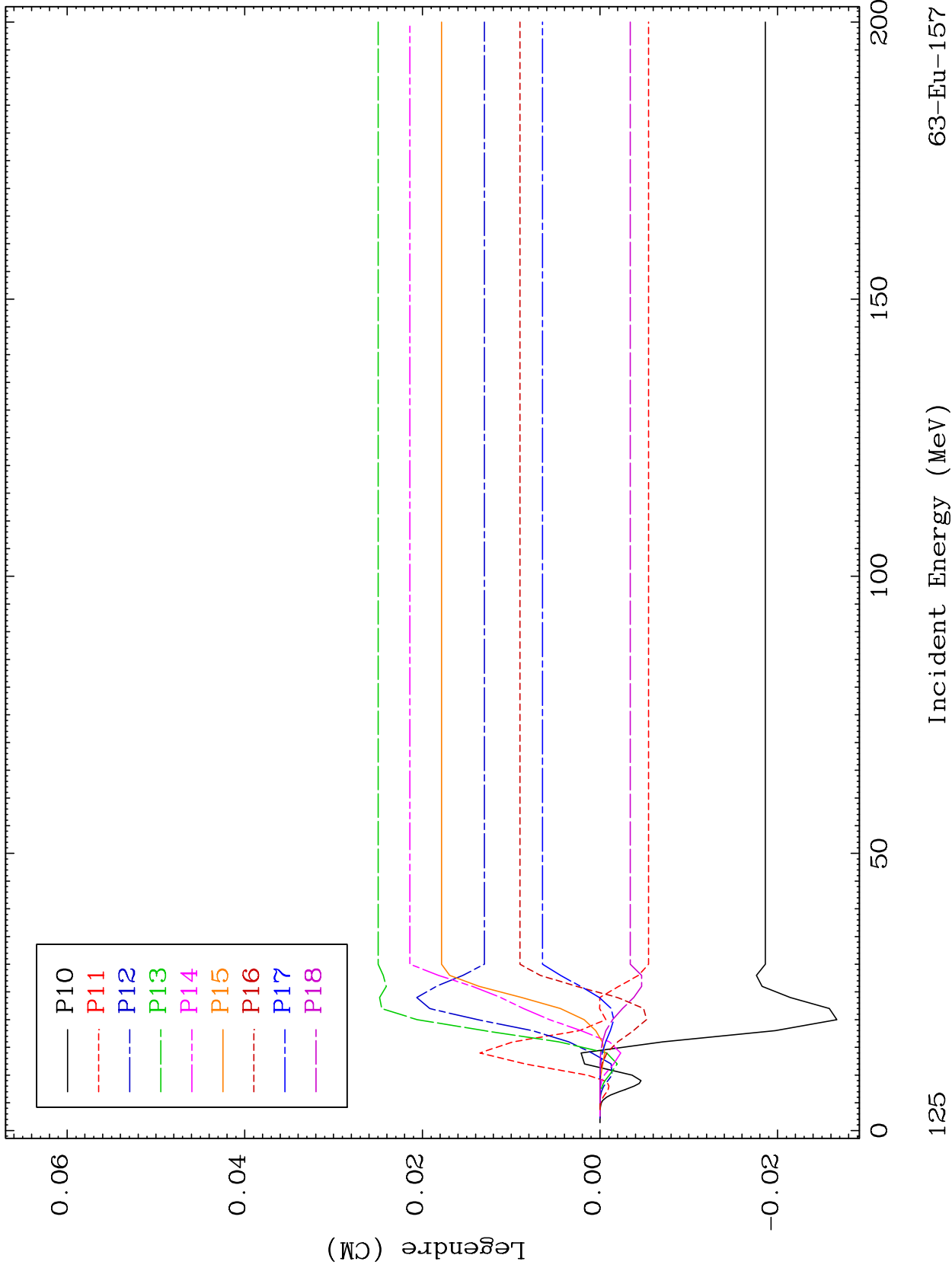
Incident Energy (MeV)

124

MAT 6343

1.369 MeV (n, n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

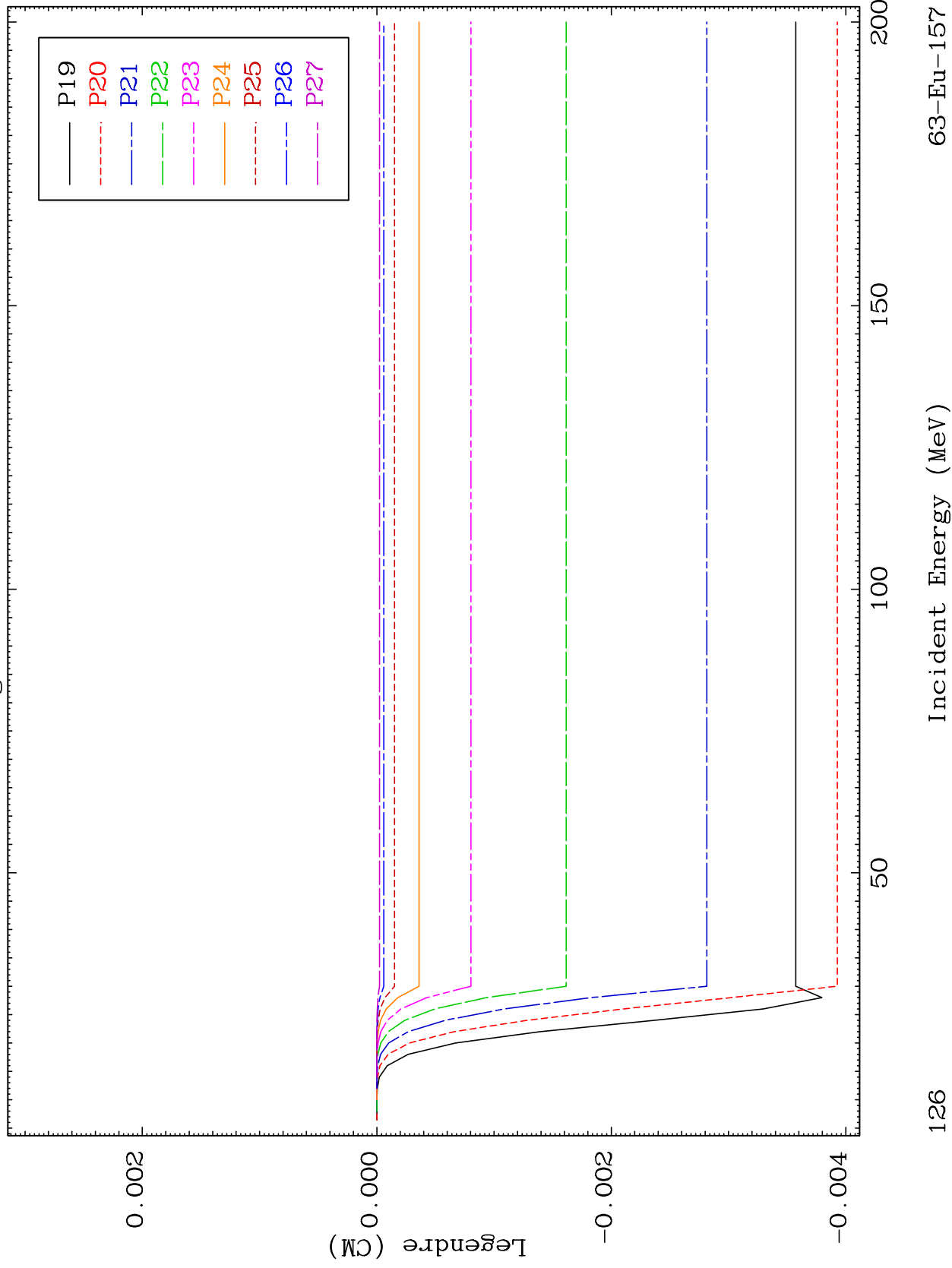
Incident Energy (MeV)

125

MAT 6343

1.369 MeV (n,n') Level
Legendre Coefficients

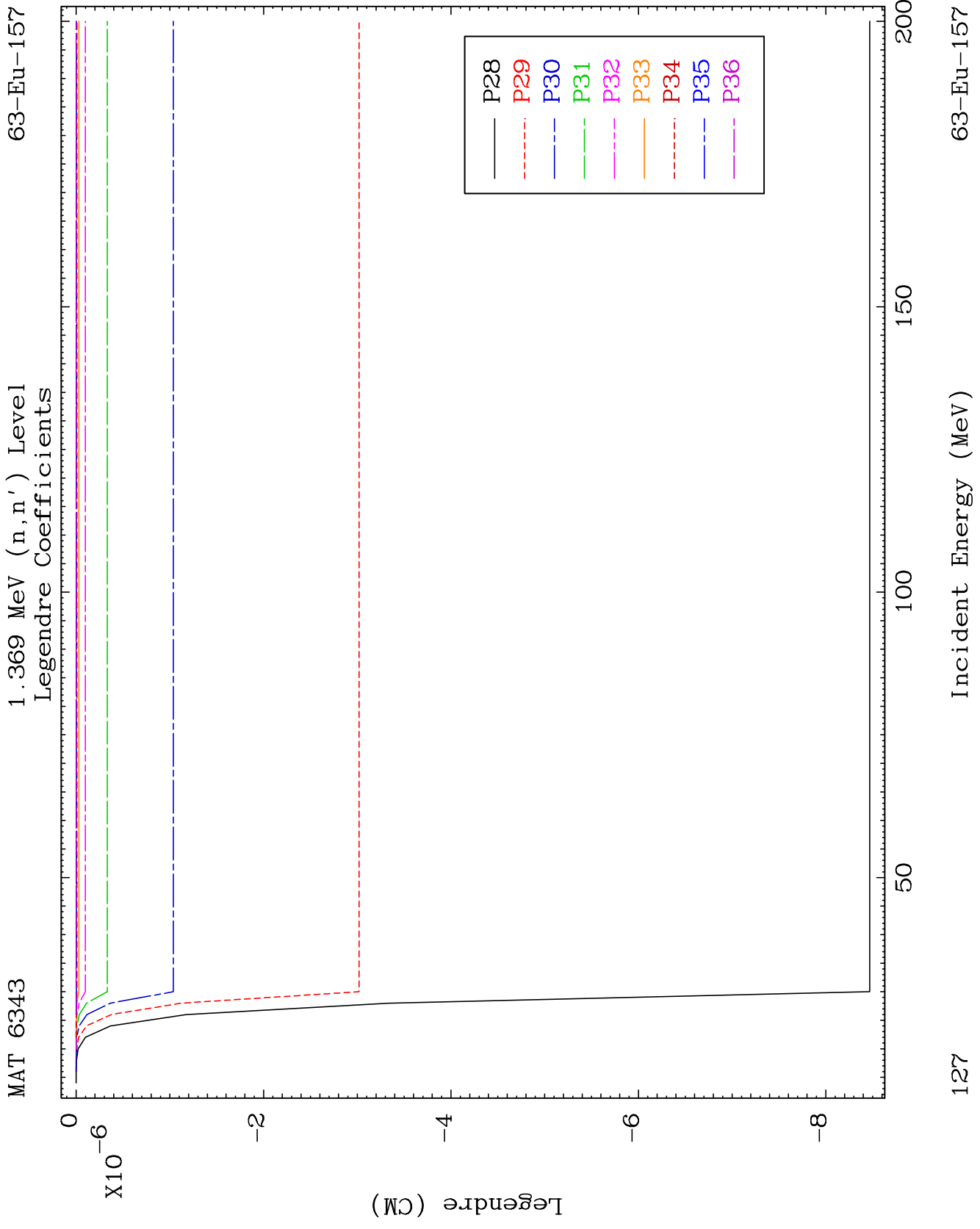
63-Eu-157



126

Incident Energy (MeV)

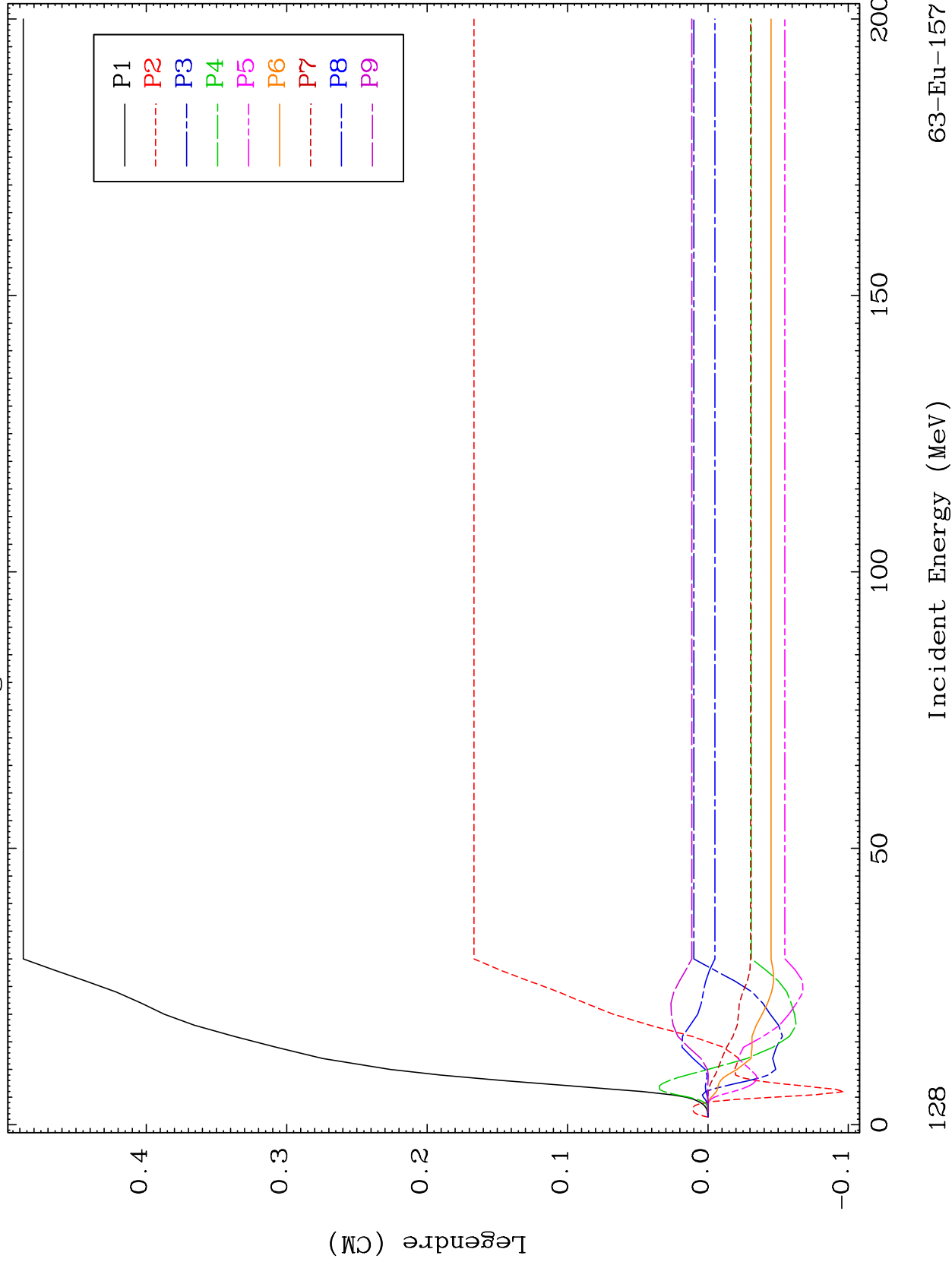
63-Eu-157



MAT 6343

1.377 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



63-Eu-157

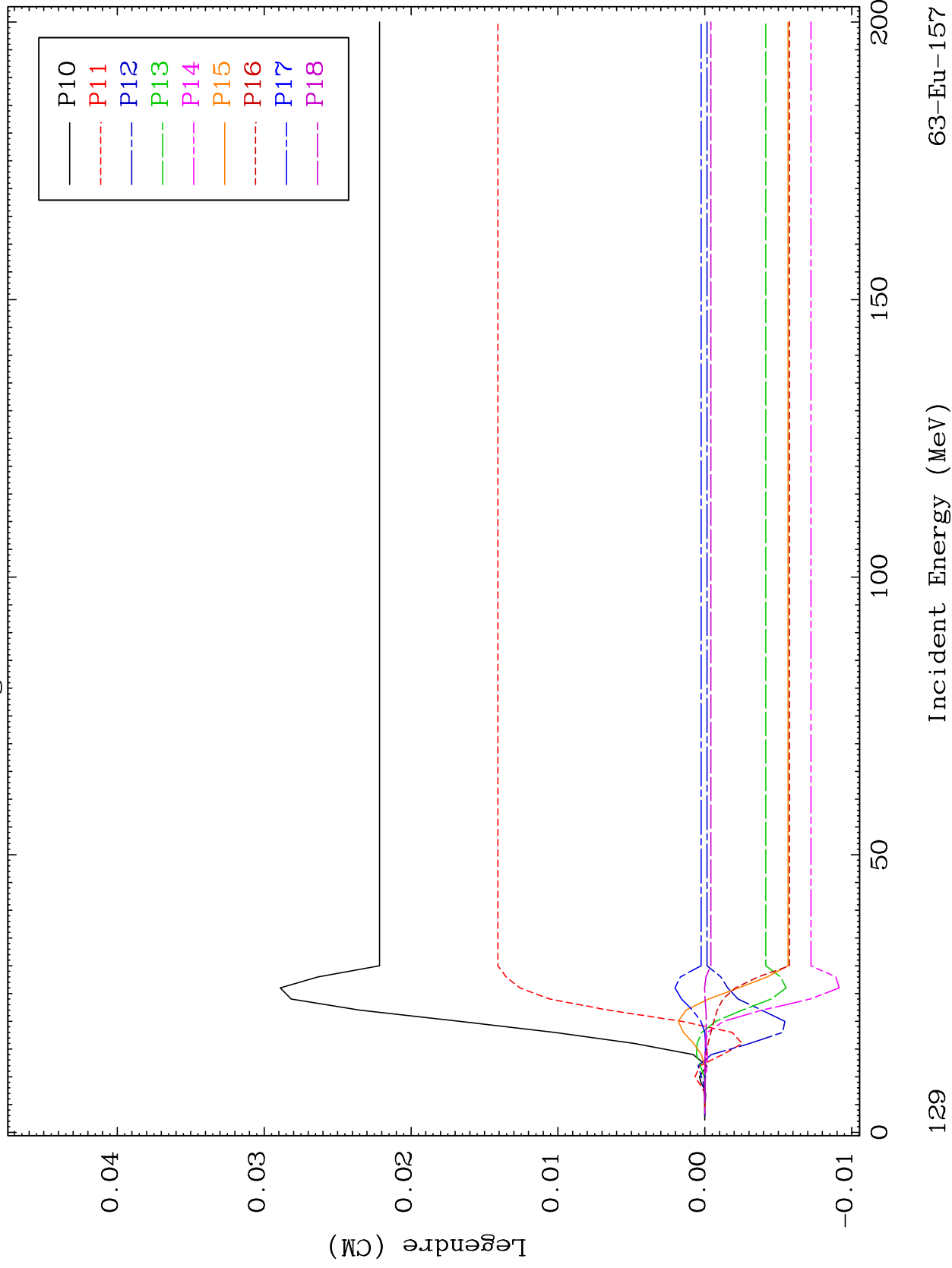
Incident Energy (MeV)

128

MAT 6343

1.377 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



129

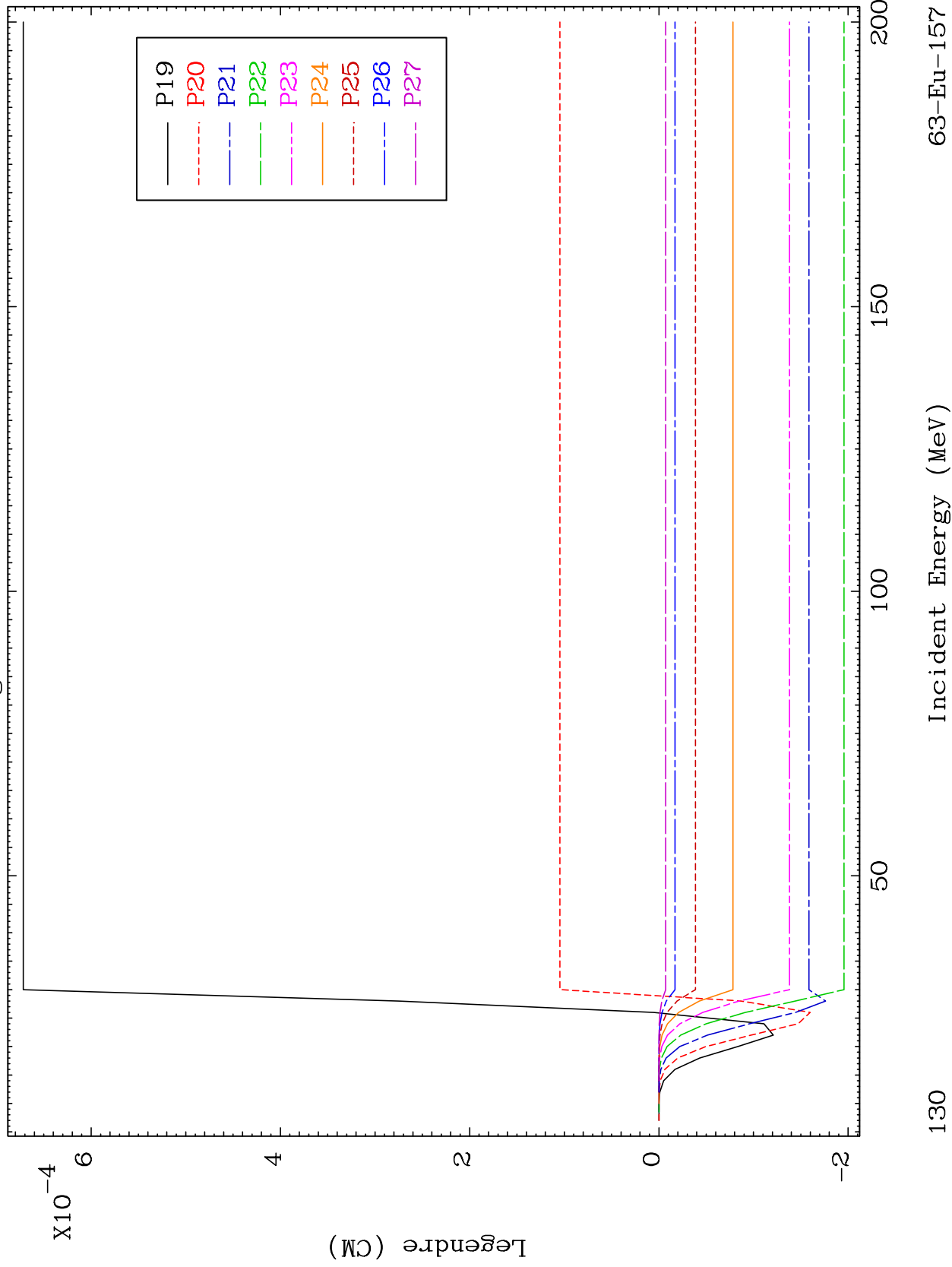
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.377 MeV (n, n') Level
Legendre Coefficients

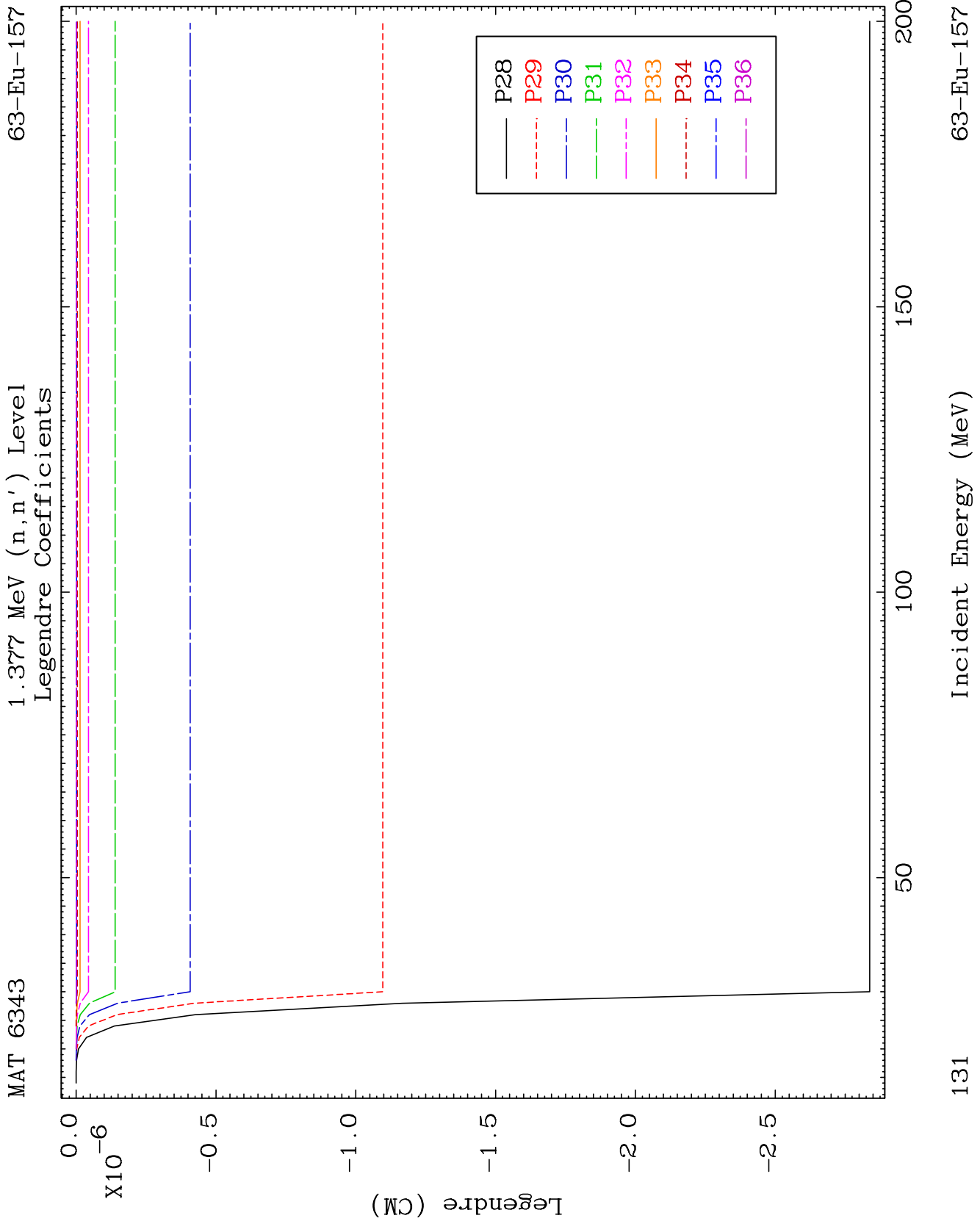
63-Eu-157



130

Incident Energy (MeV)

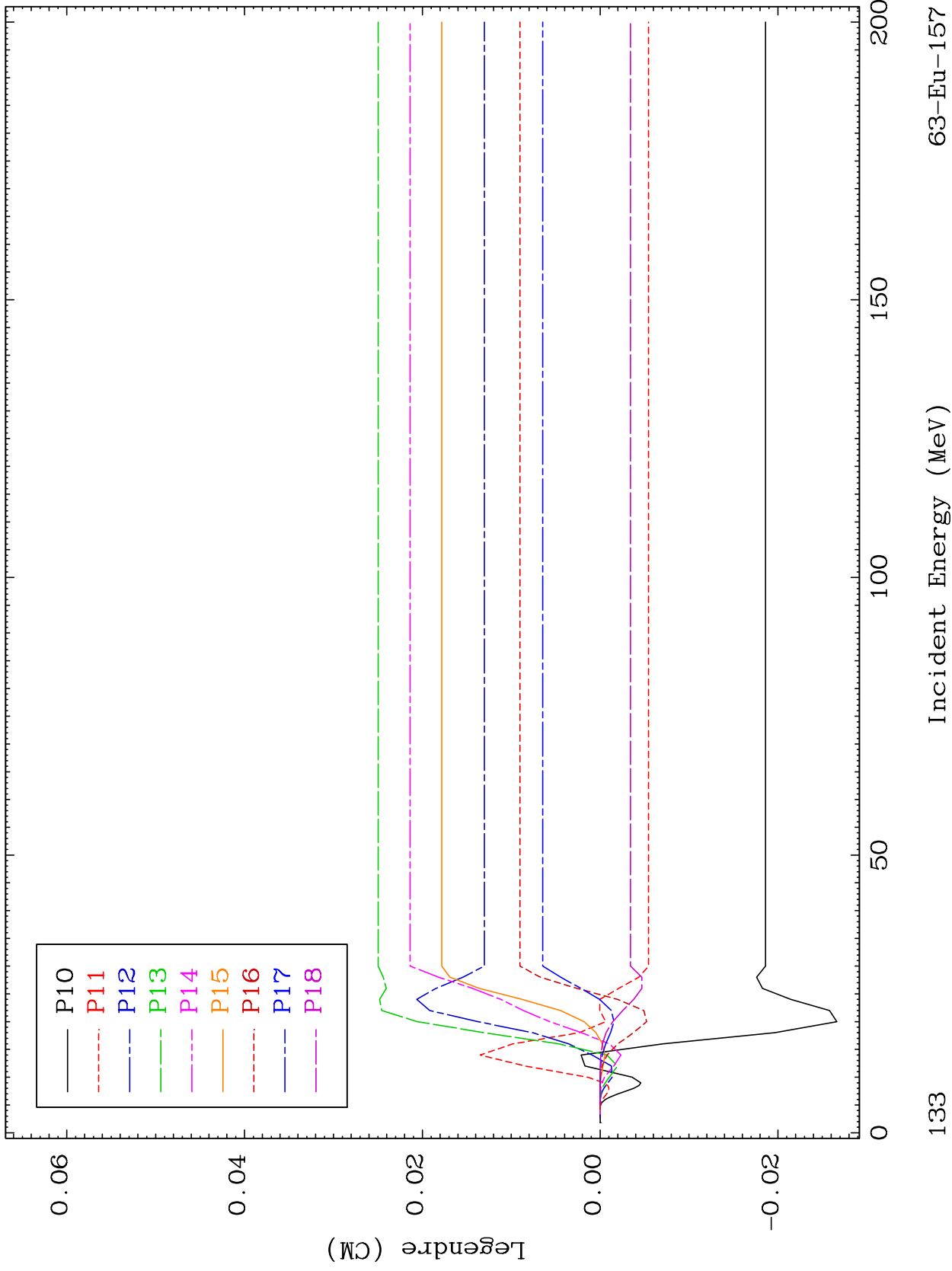
63-Eu-157



MAT 6343

1.383 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



133

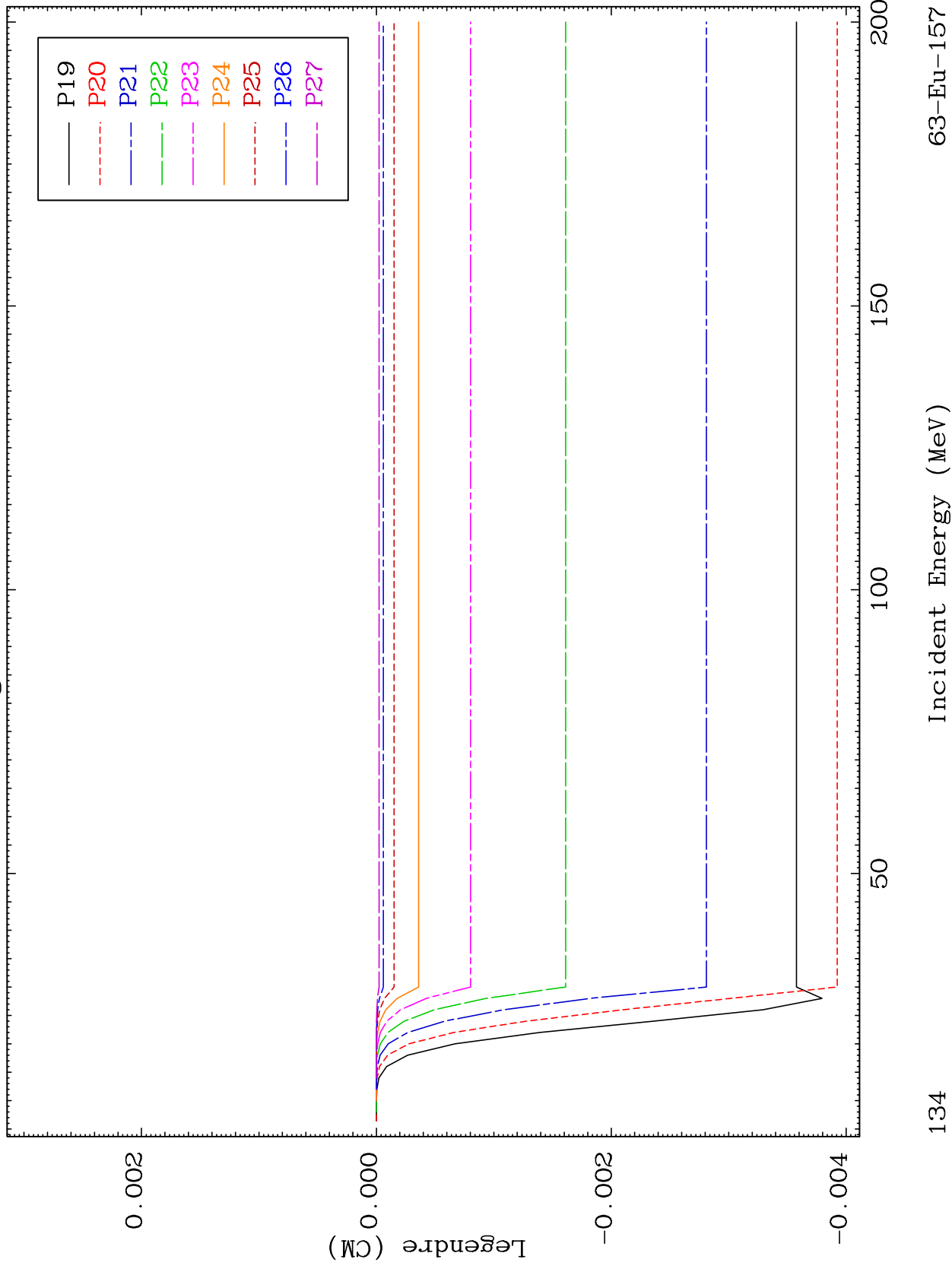
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.383 MeV (n,n') Level
Legendre Coefficients

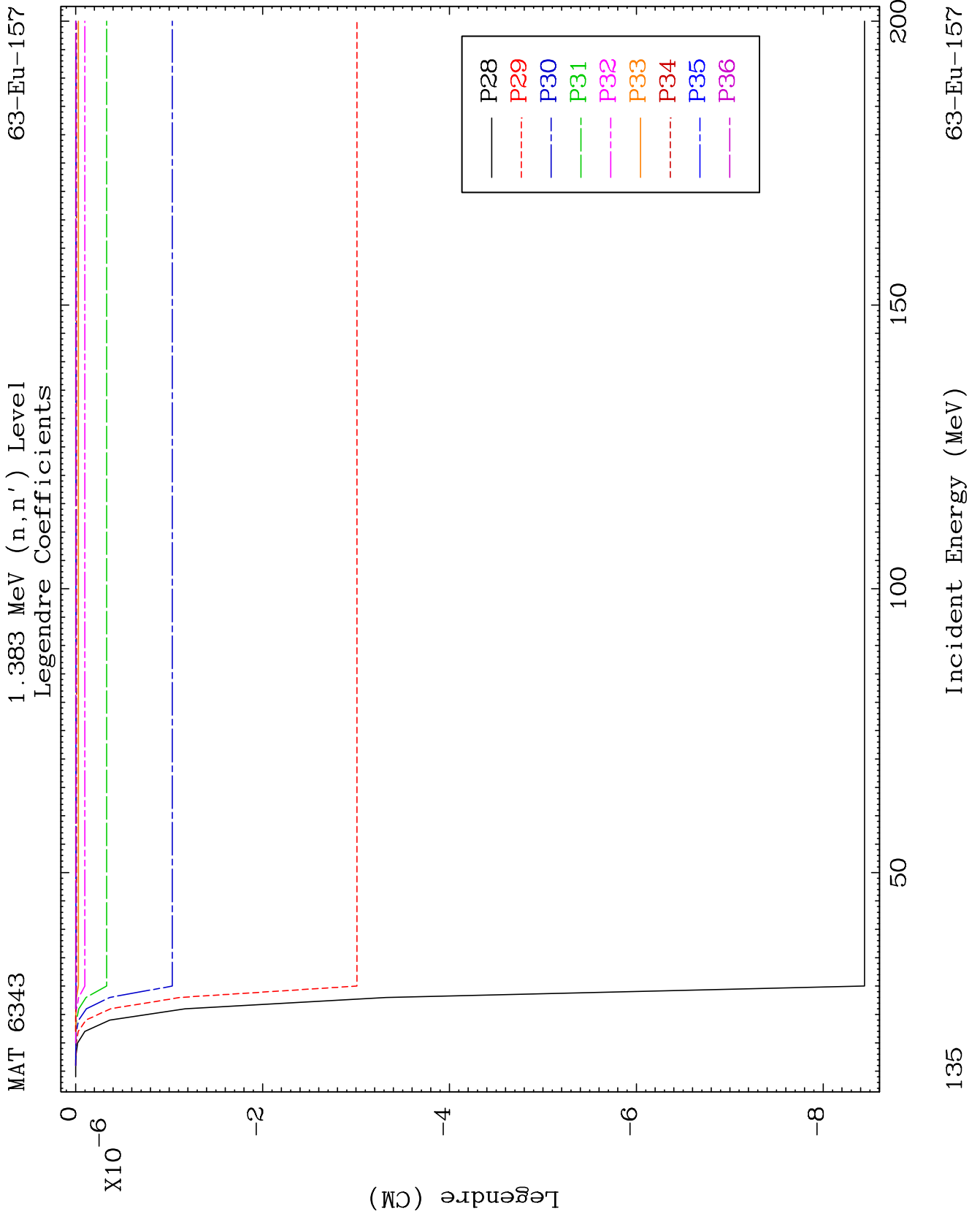
63-Eu-157

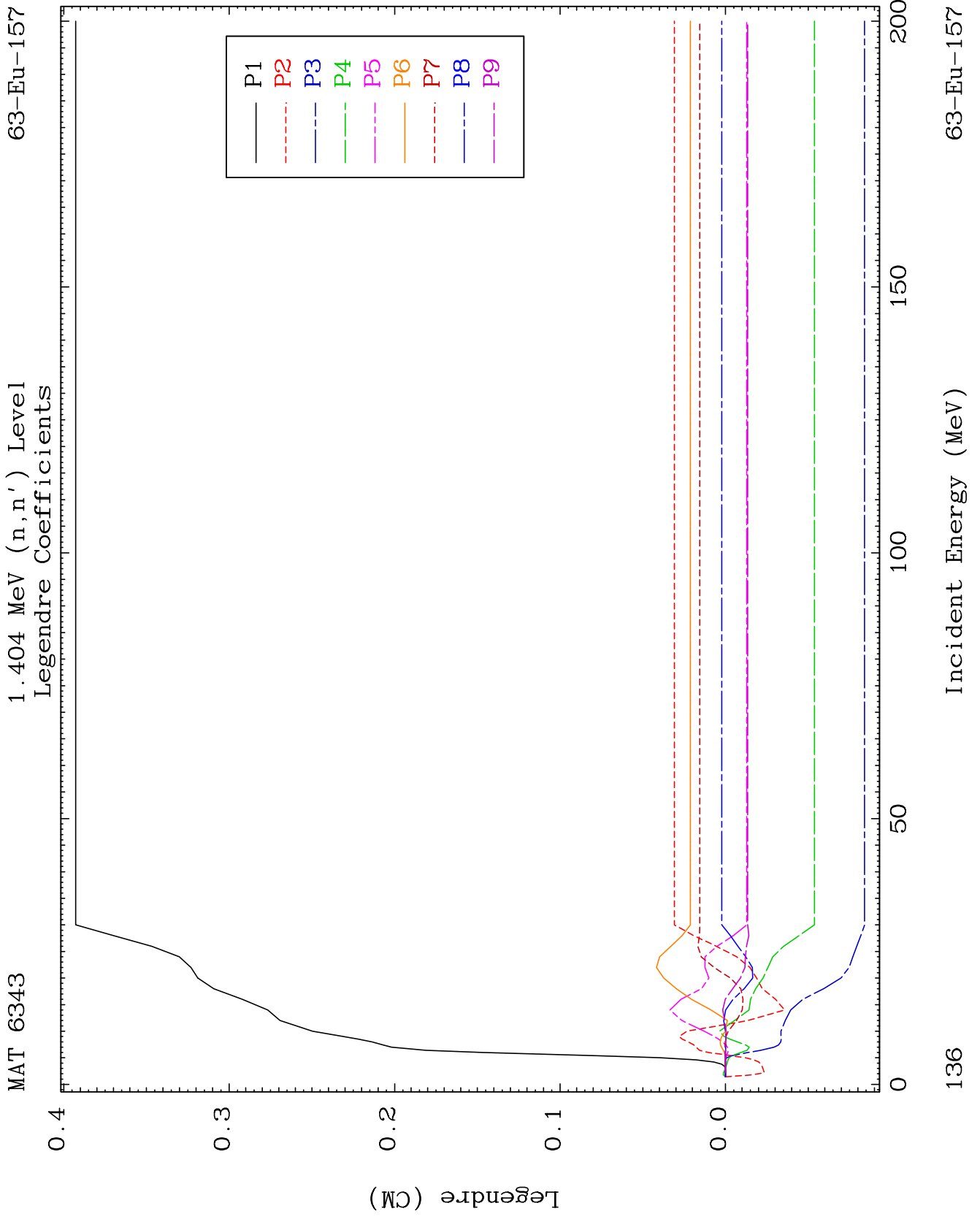


134

Incident Energy (MeV)

63-Eu-157

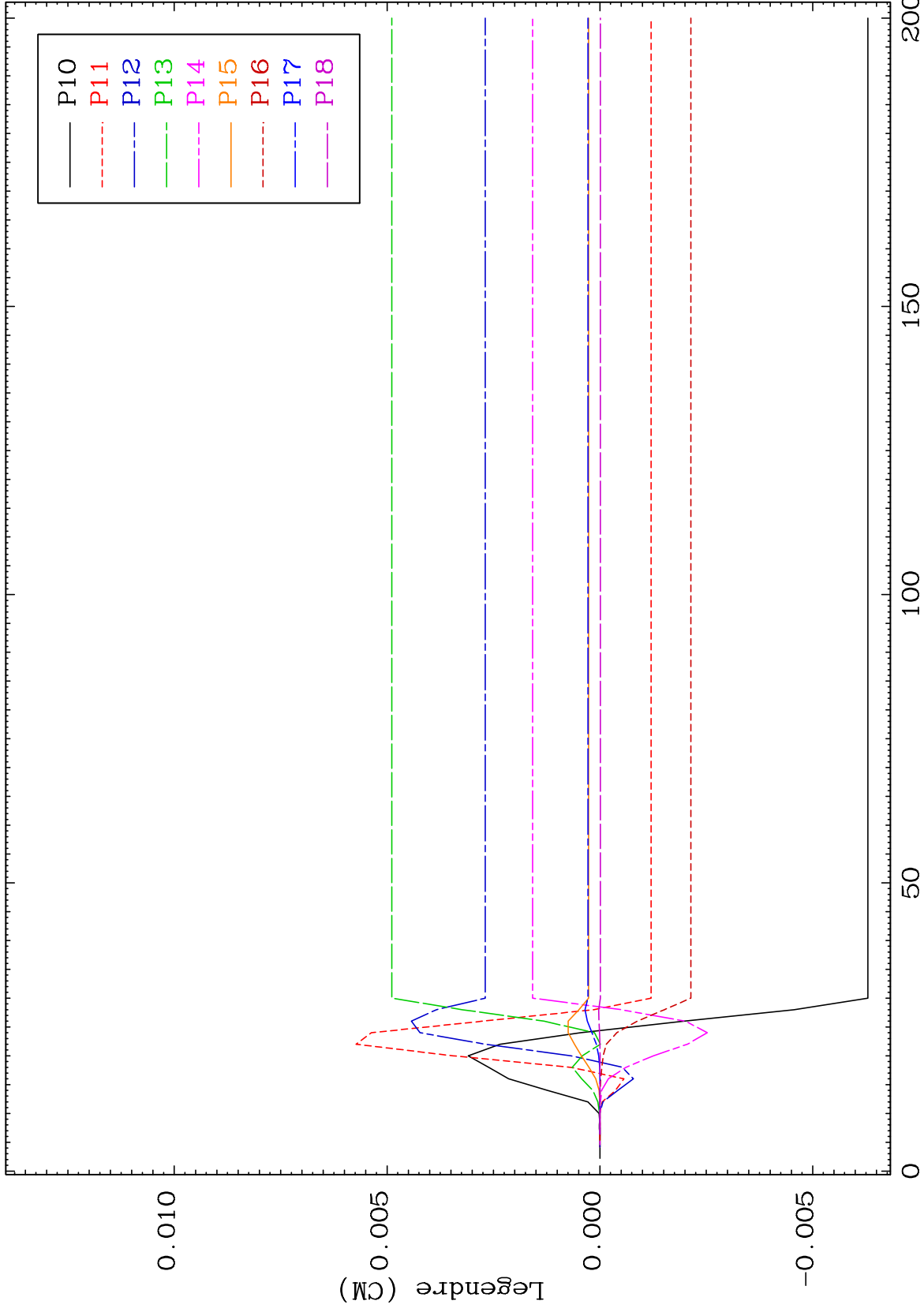




MAT 6343

1.404 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



137

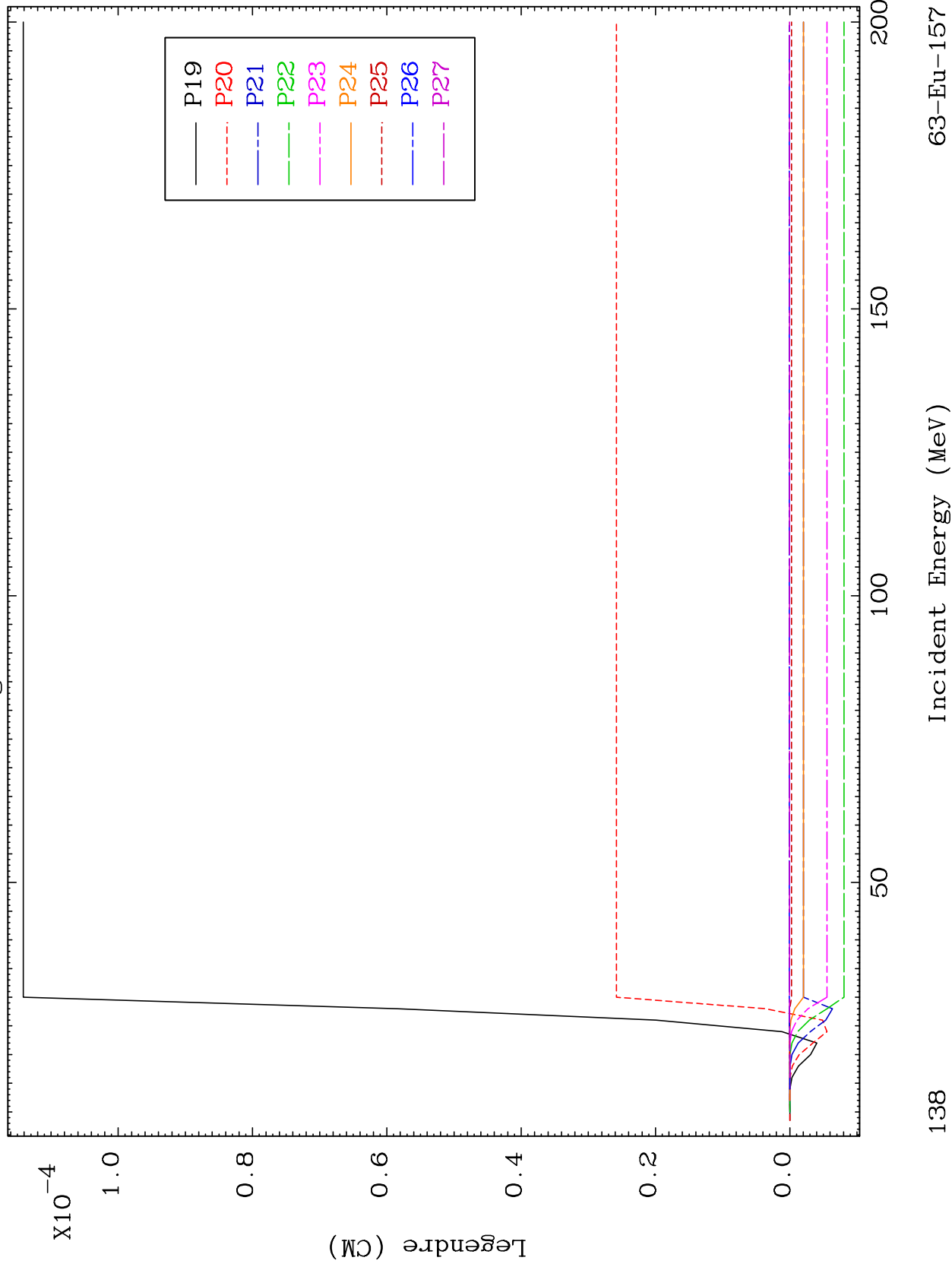
Incident Energy (MeV)

63-Eu-157

MAT 6343

1.404 MeV (n, n') Level
Legendre Coefficients

63-Eu-157

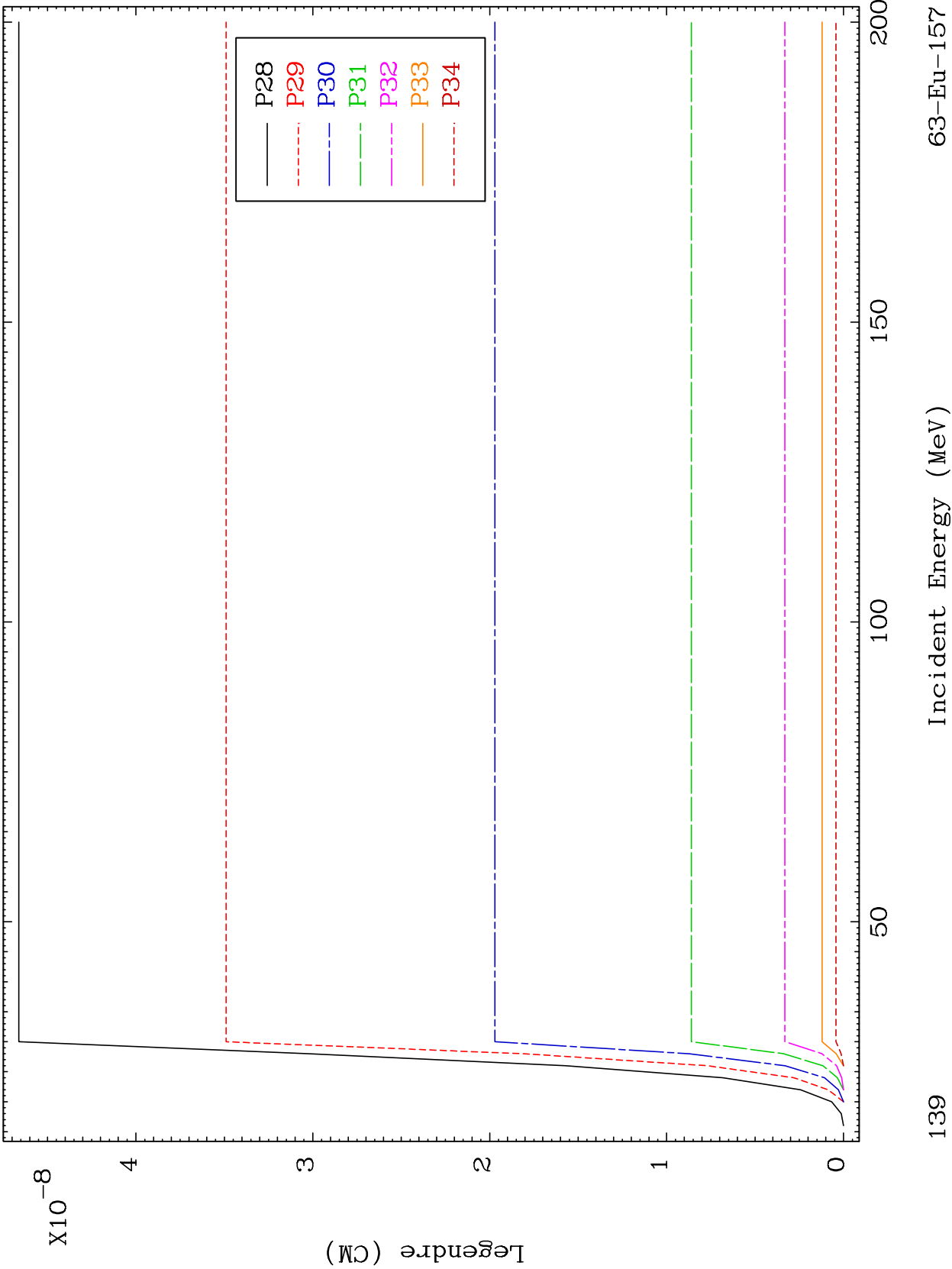


138

MAT 6343

1.404 MeV (n,n') Level
Legendre Coefficients

63-Eu-157



139

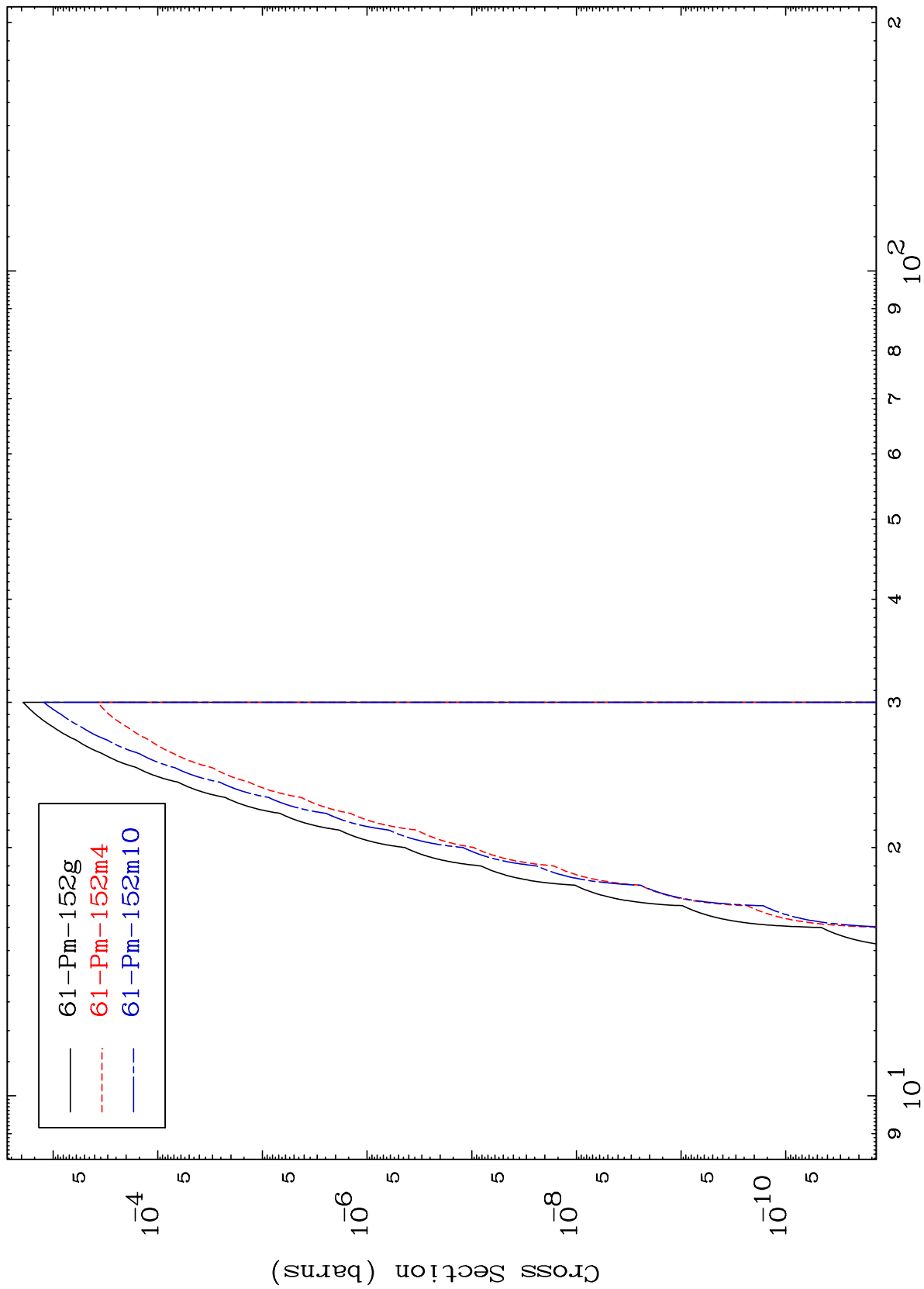
63-Eu-157

MAT 6343

(n,2n) α

63-Eu-157

Radionuclide Production Cross Section



140

Incident Energy (MeV)

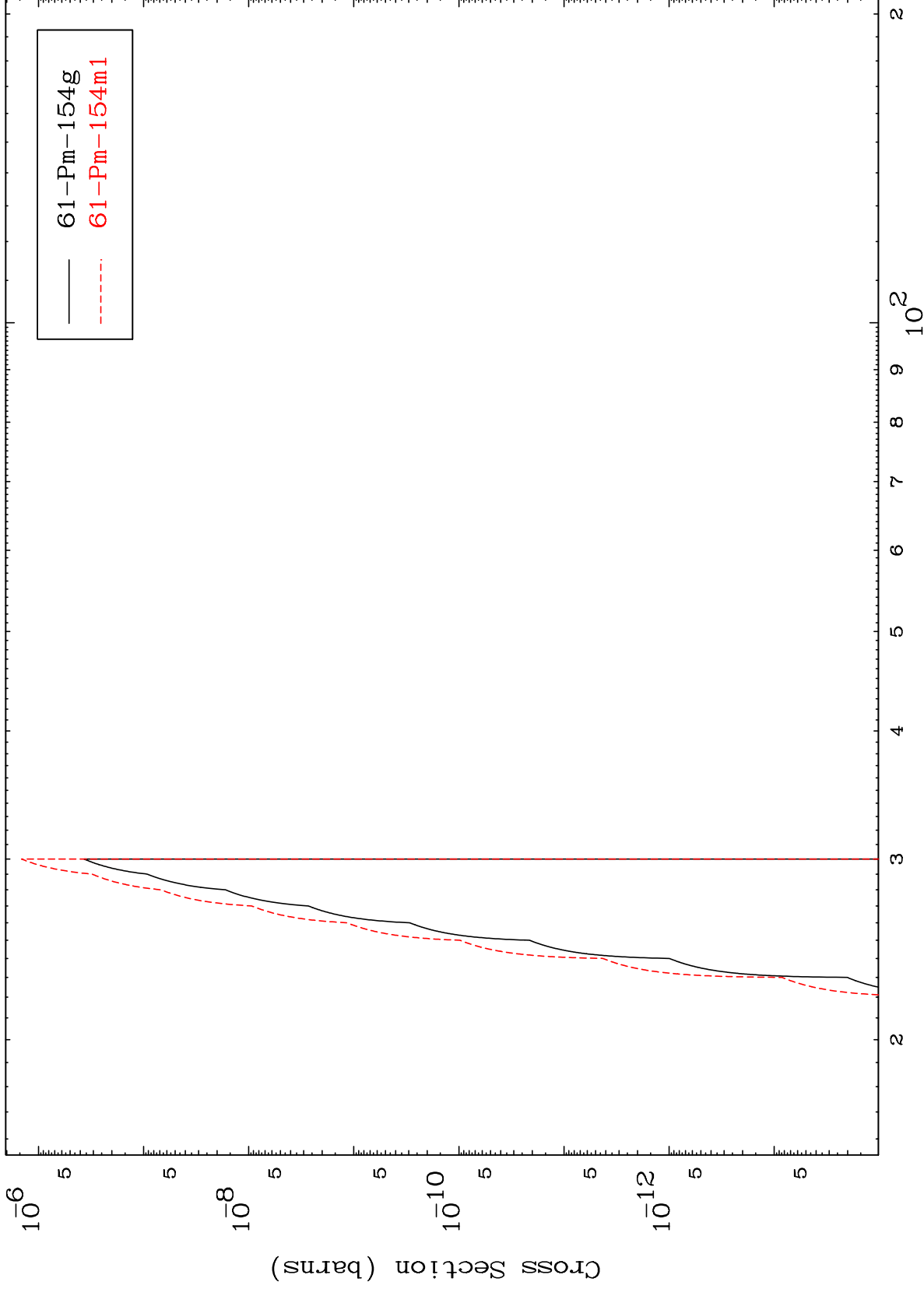
63-Eu-157

MAT 6343

(n,n') He-3

63-Eu-157

Radionuclide Production Cross Section



141

Incident Energy (MeV)

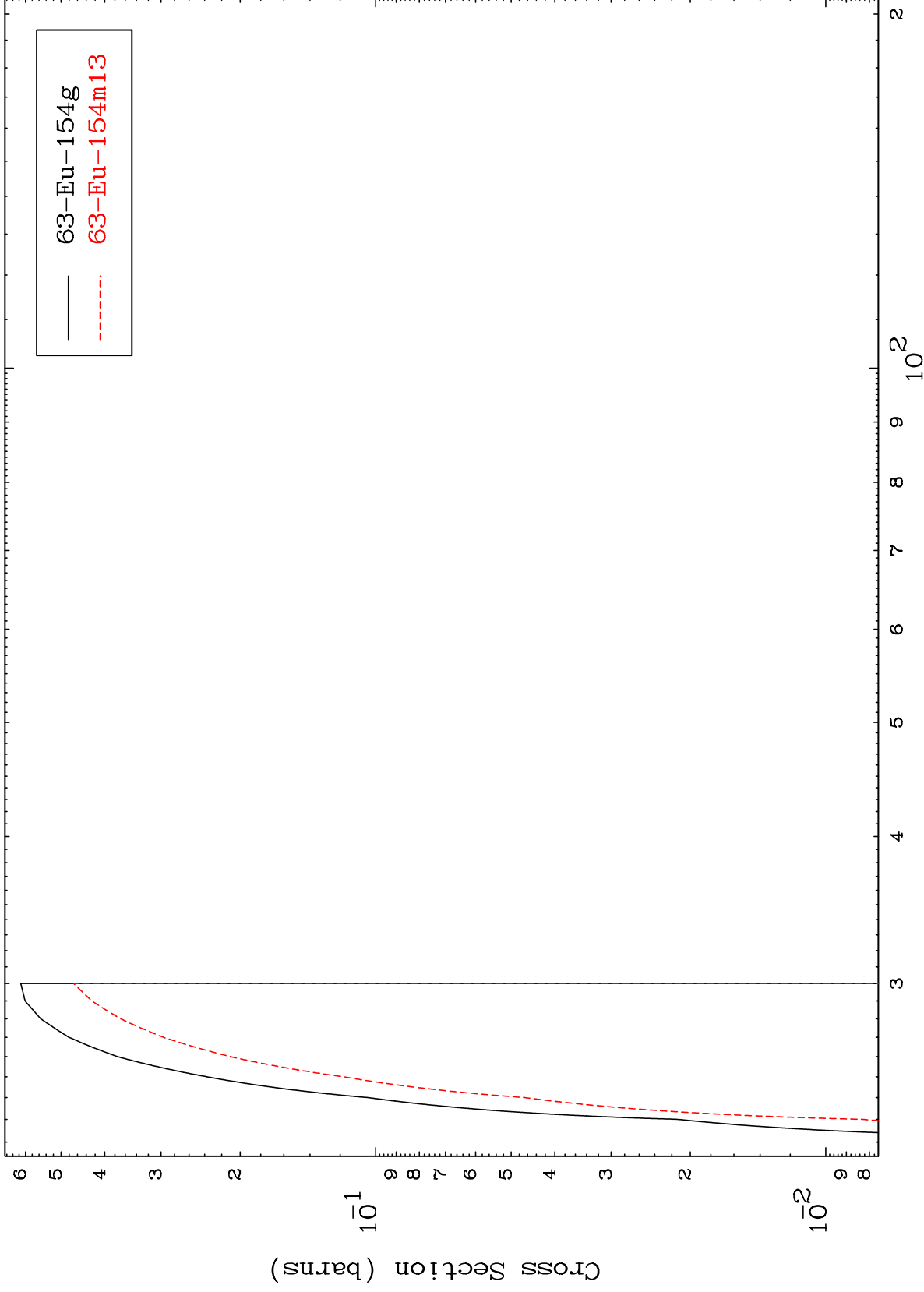
63-Eu-157

MAT 6343

(n,4n)

63-Eu-157

Radionuclide Production Cross Section



142

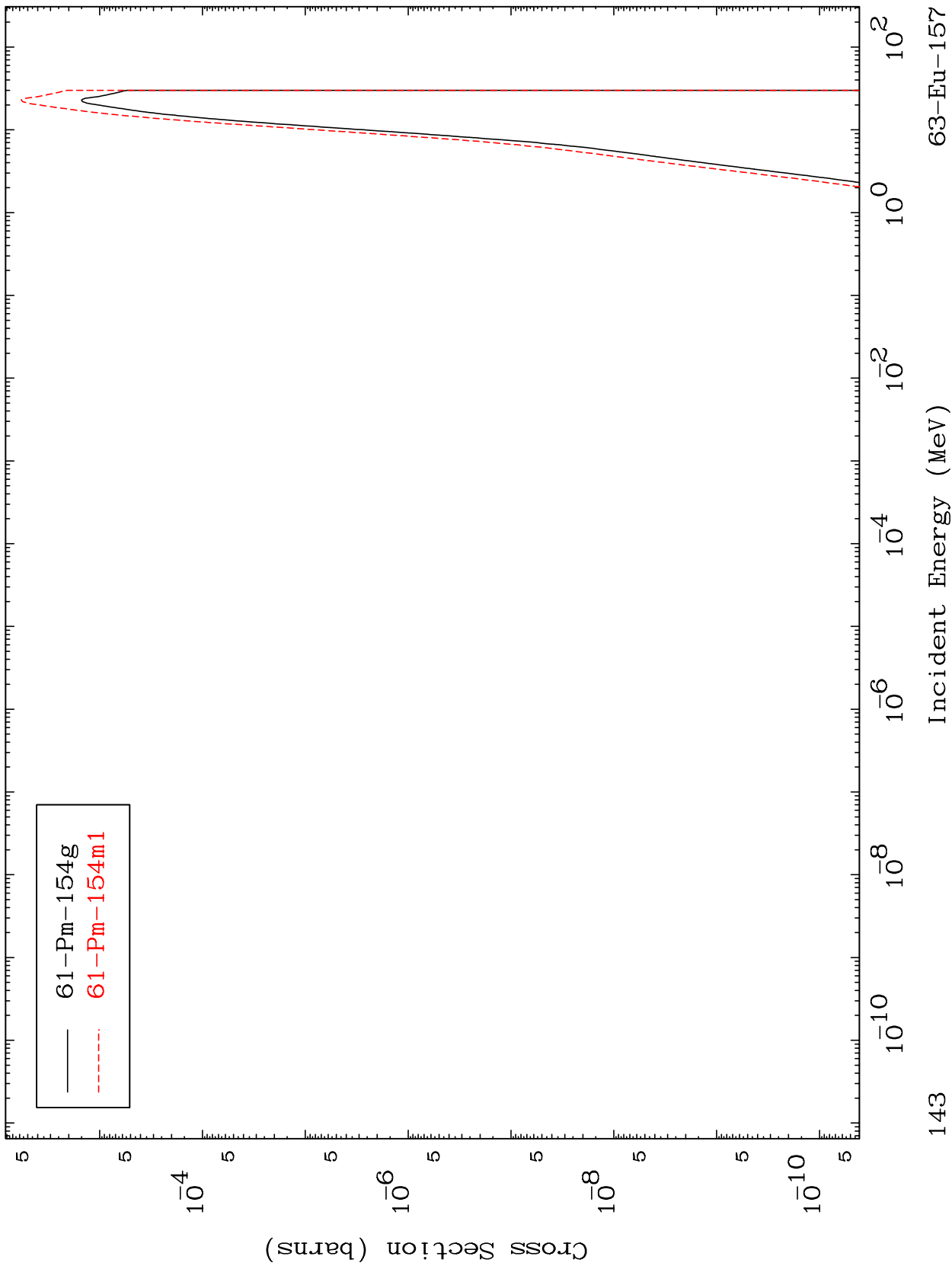
Incident Energy (MeV)

63-Eu-157

MAT 6343

63-Eu-157

Radionuclide Production Cross Section



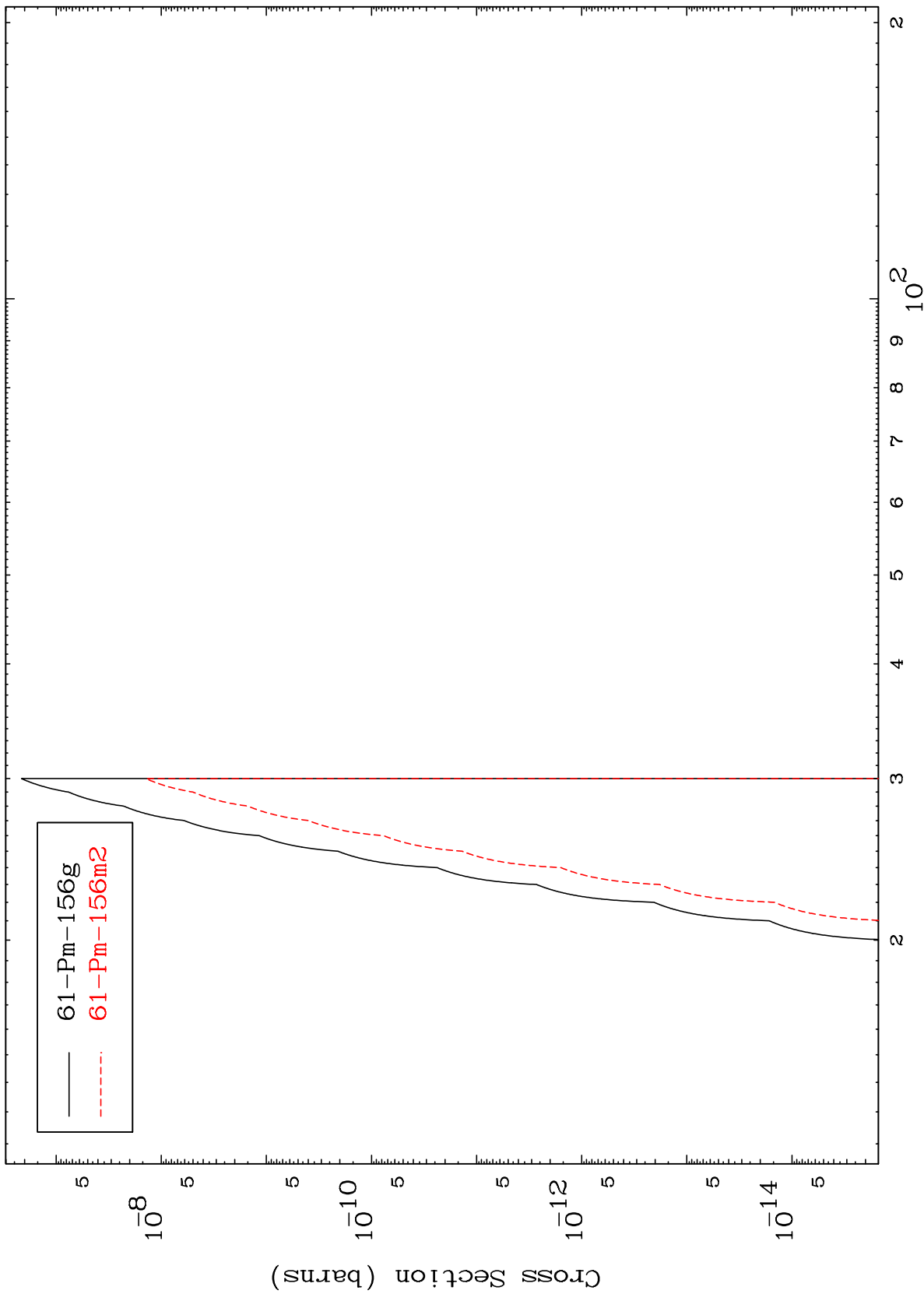
143

63-Eu-157

MAT 6343

63-Eu-157

Radionuclide Production Cross Section
(n,2p)



144

Incident Energy (MeV)

63-Eu-157