

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

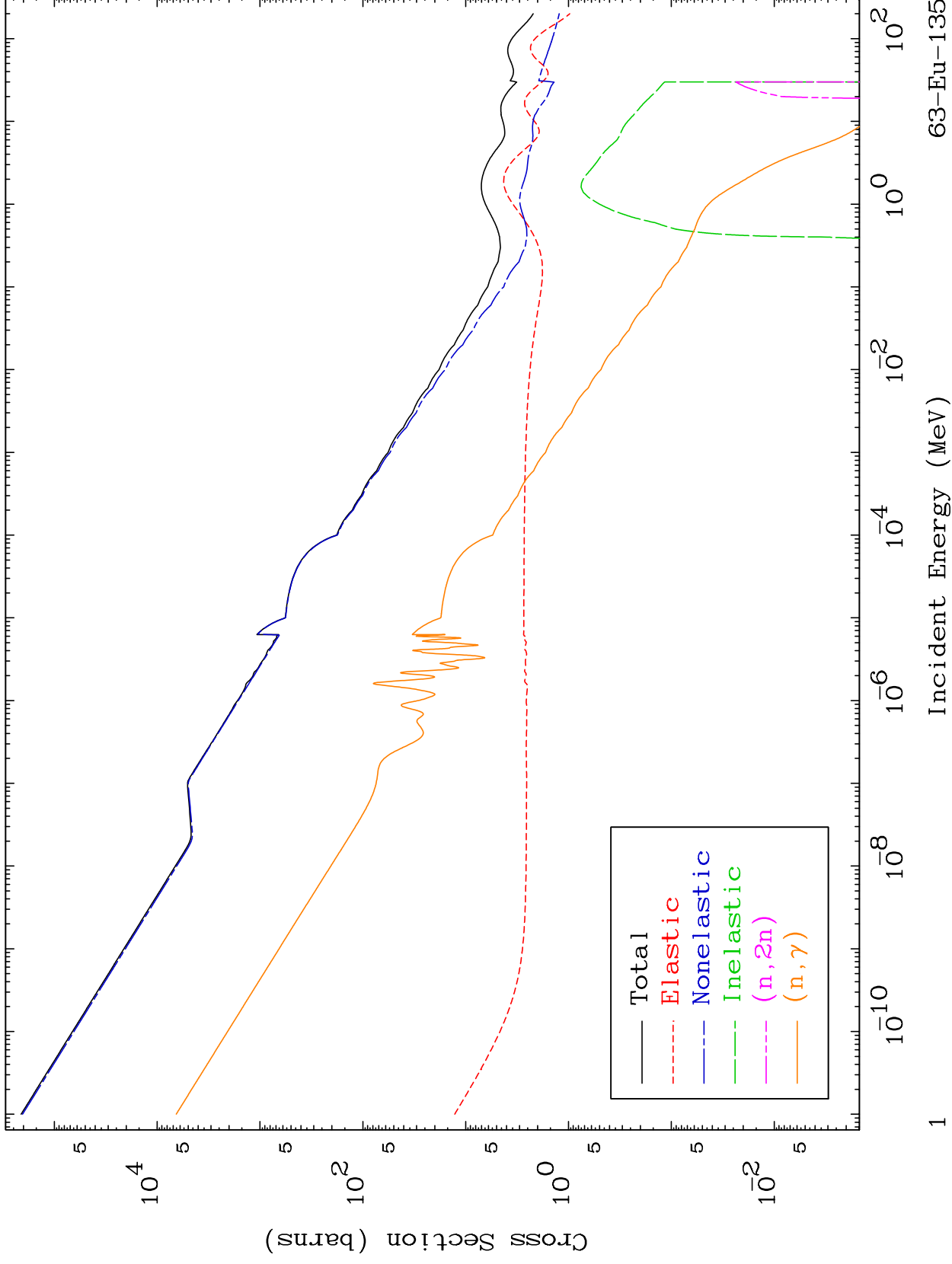
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6277

Neutron Major
293 Kelvin Cross Sections

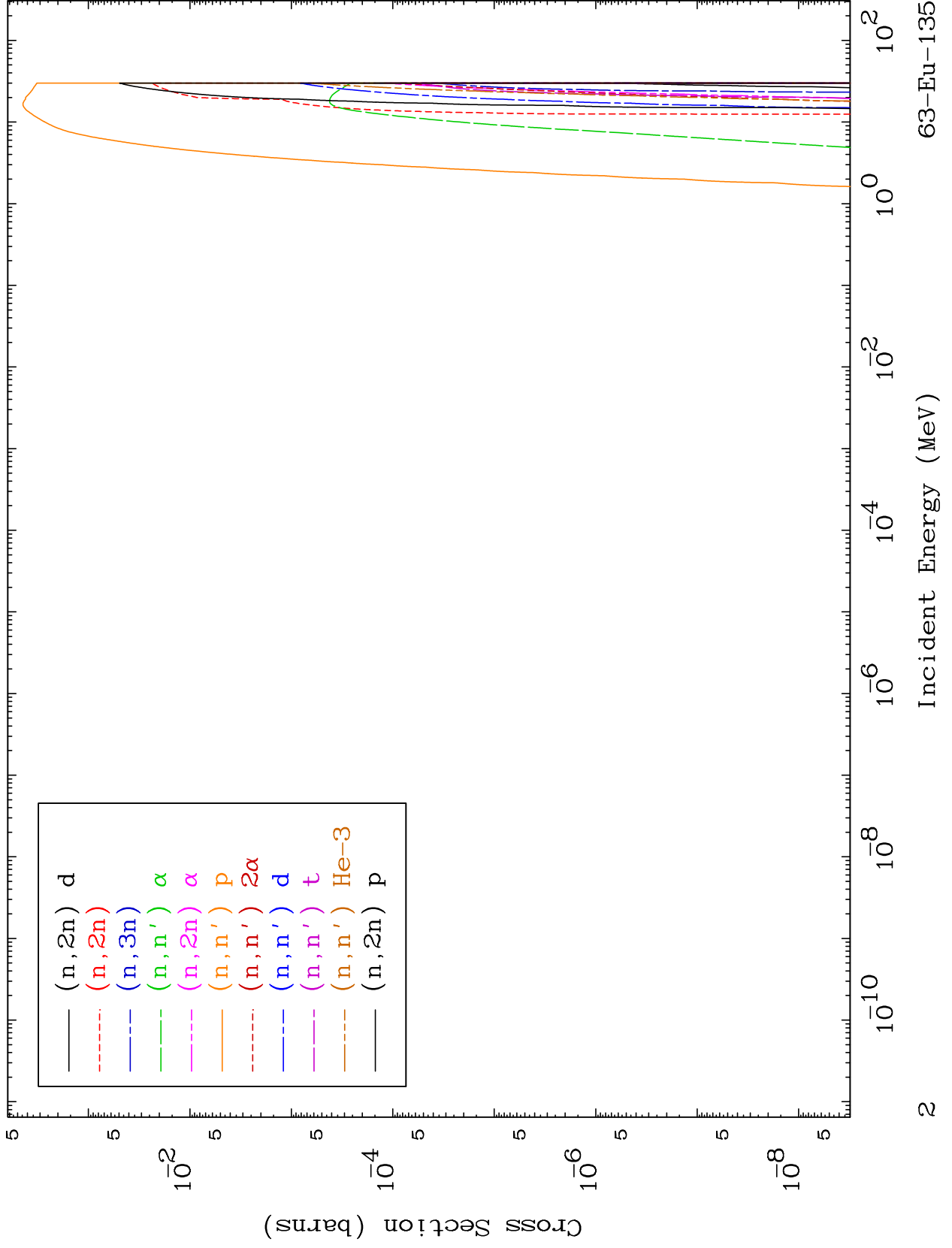
63-Eu-135

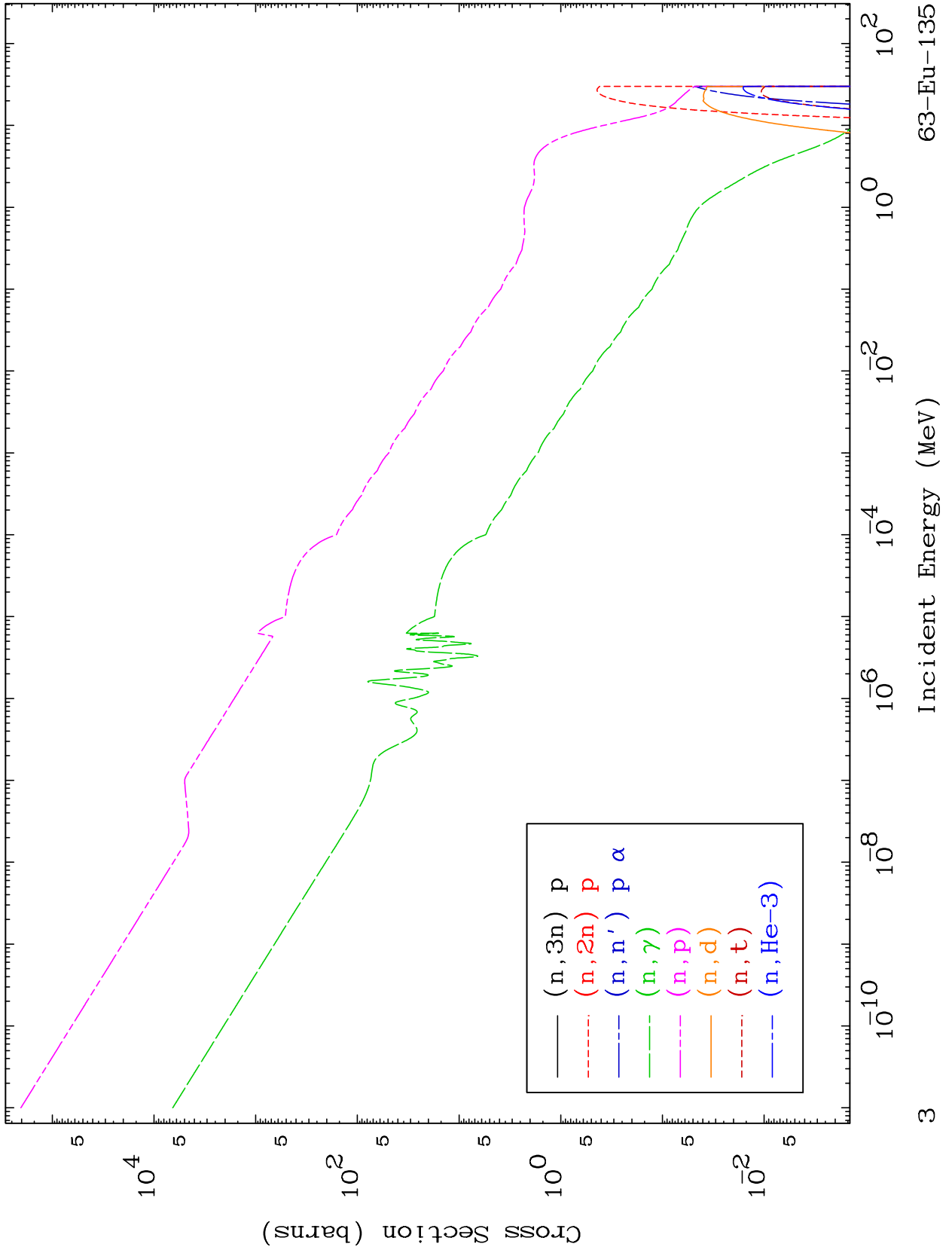


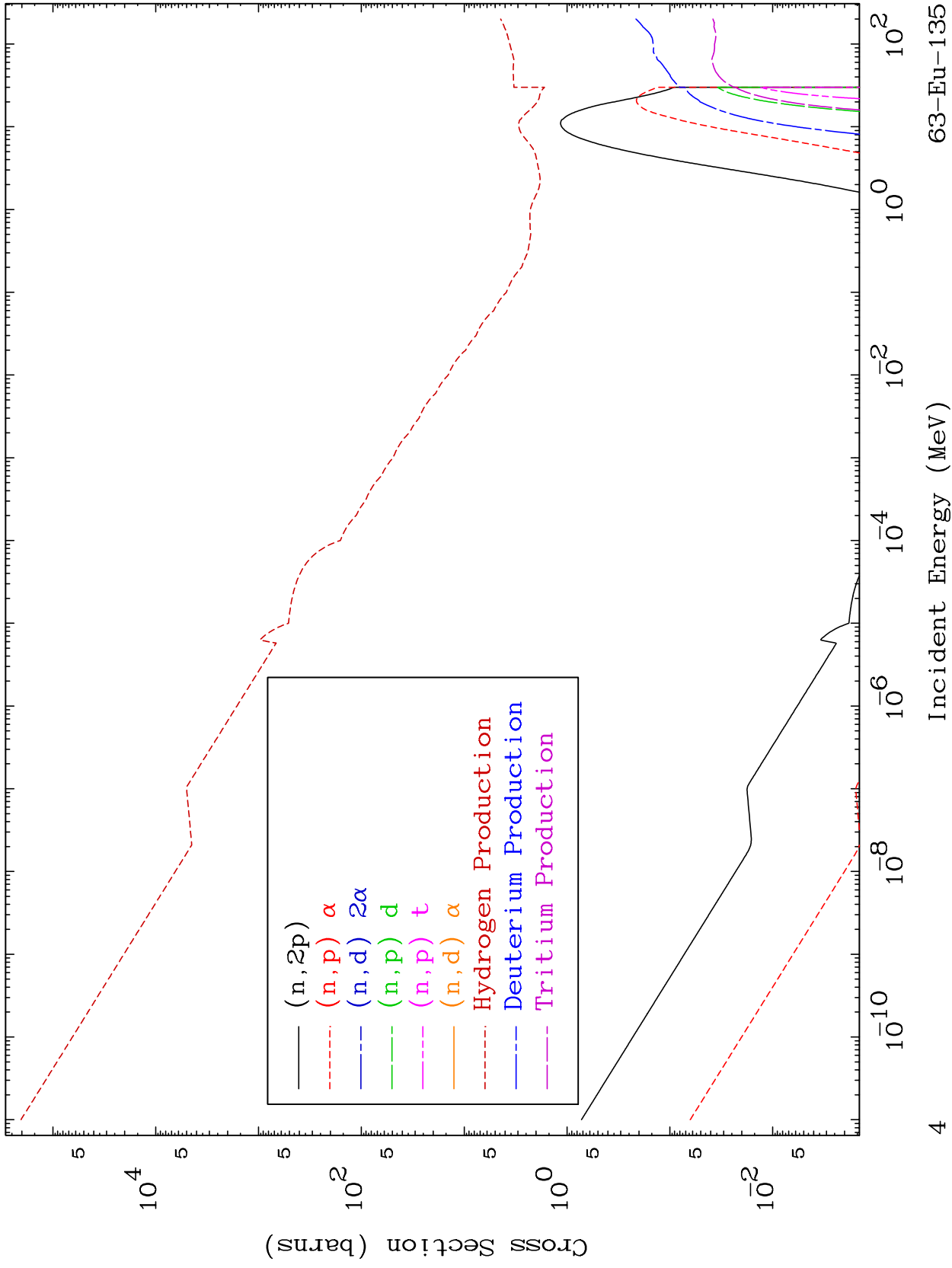
MAT 6277

Neutron Absorption
293 Kelvin Cross Sections

63-Eu-135



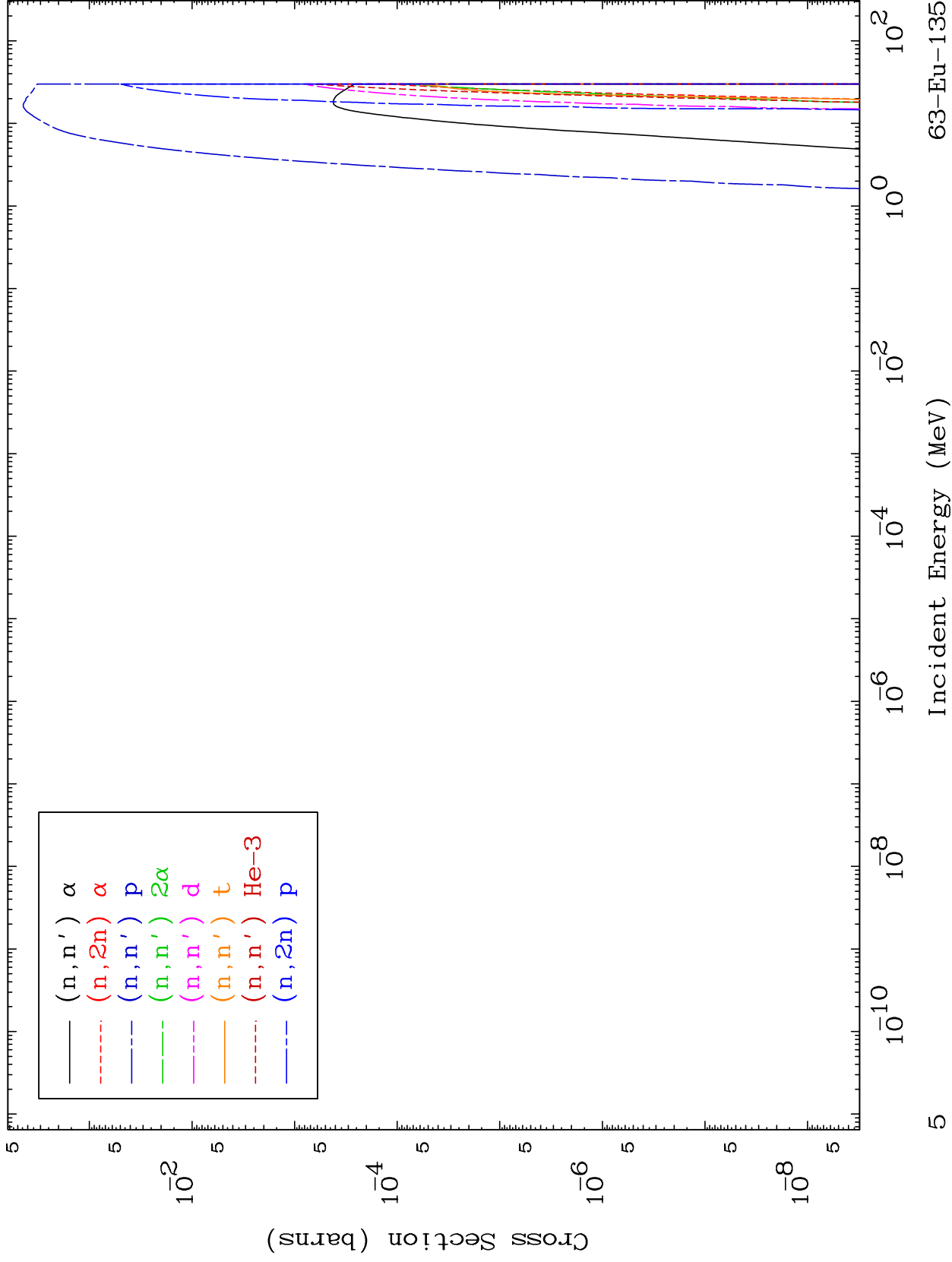




MAT 6277

Charged Particle
293 Kelvin Cross Sections

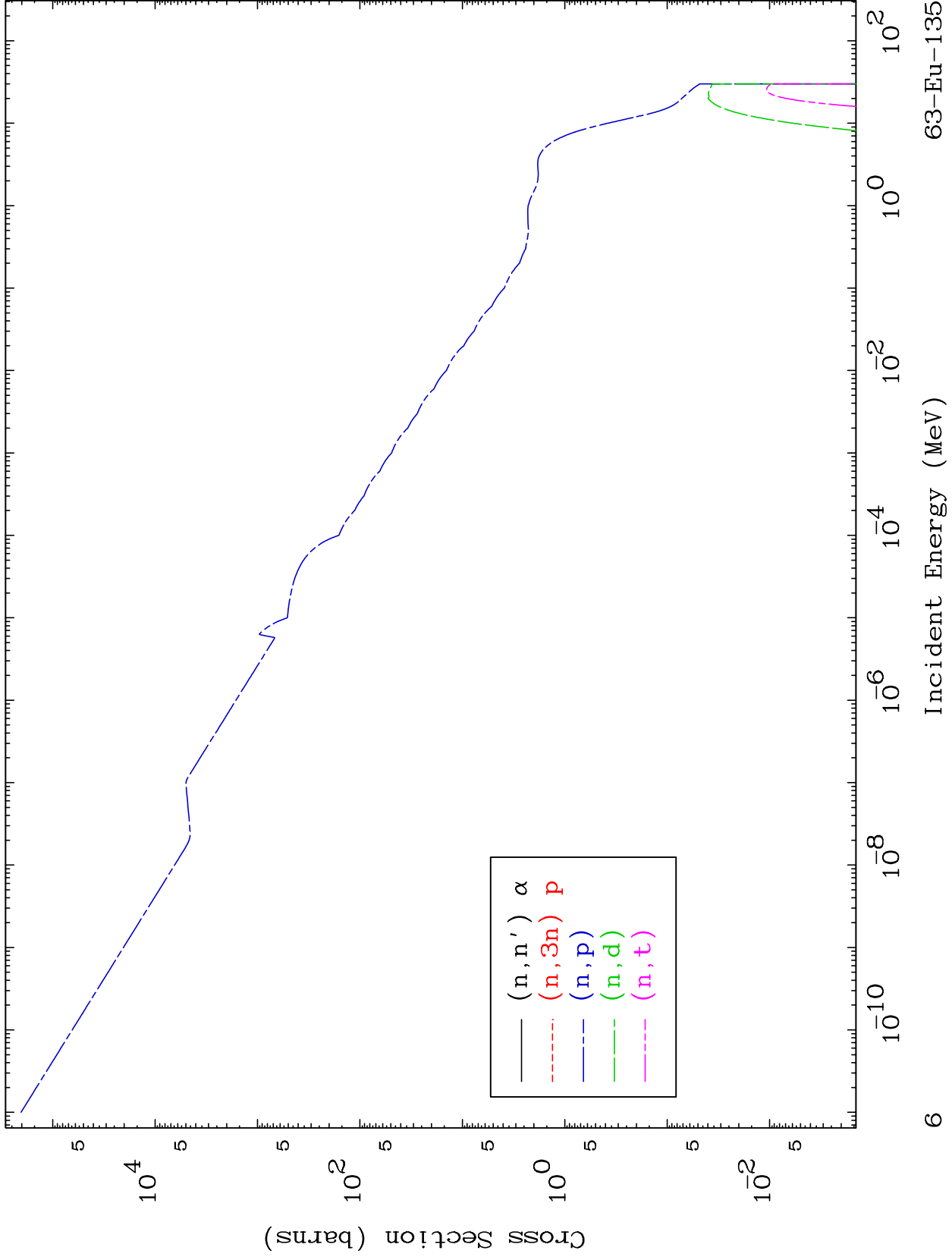
63-Eu-135



MAT 62777

Charged Particle
293 Kelvin Cross Sections

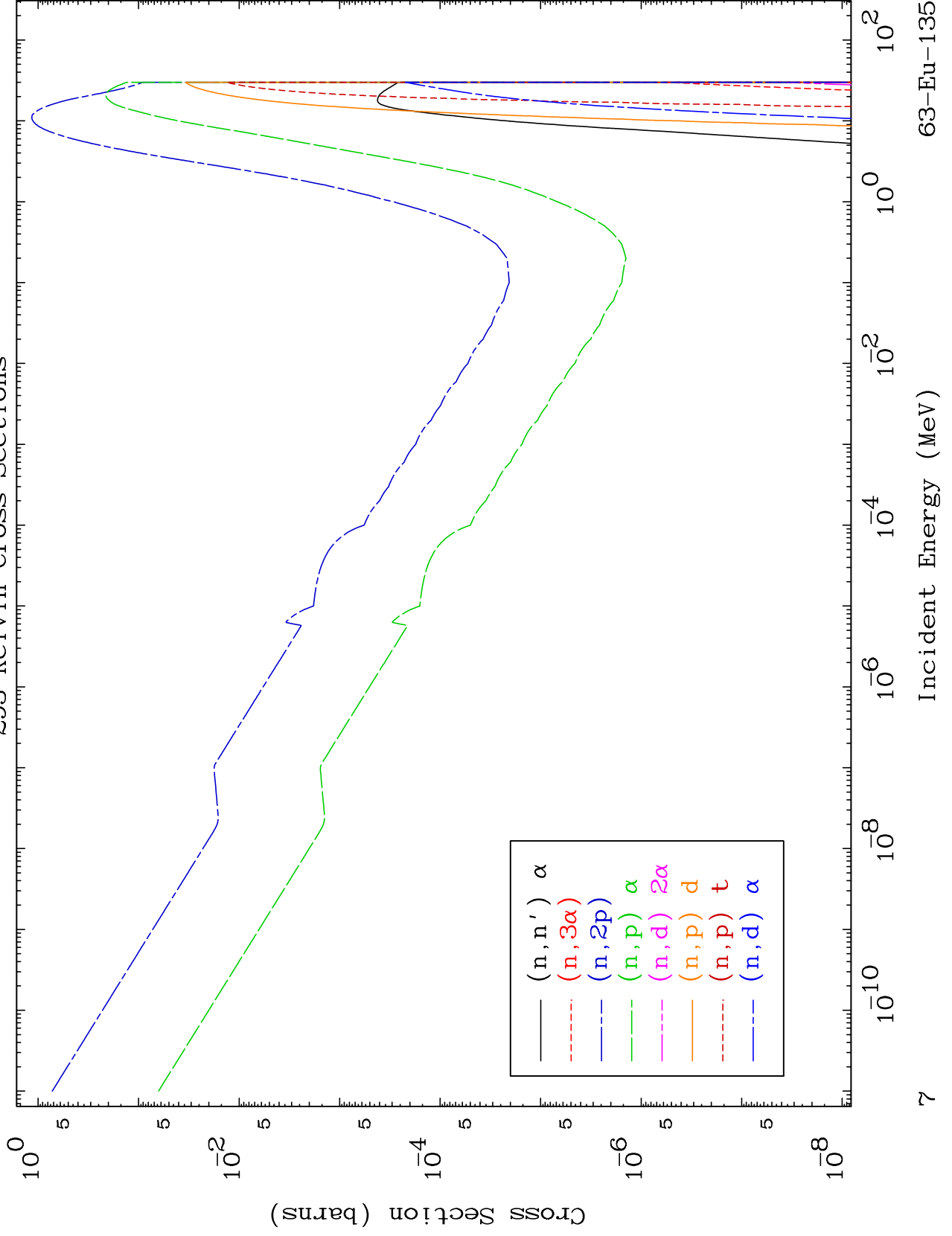
63-Eu-135



MAT 6277

Charged Particle
293 Kelvin Cross Sections

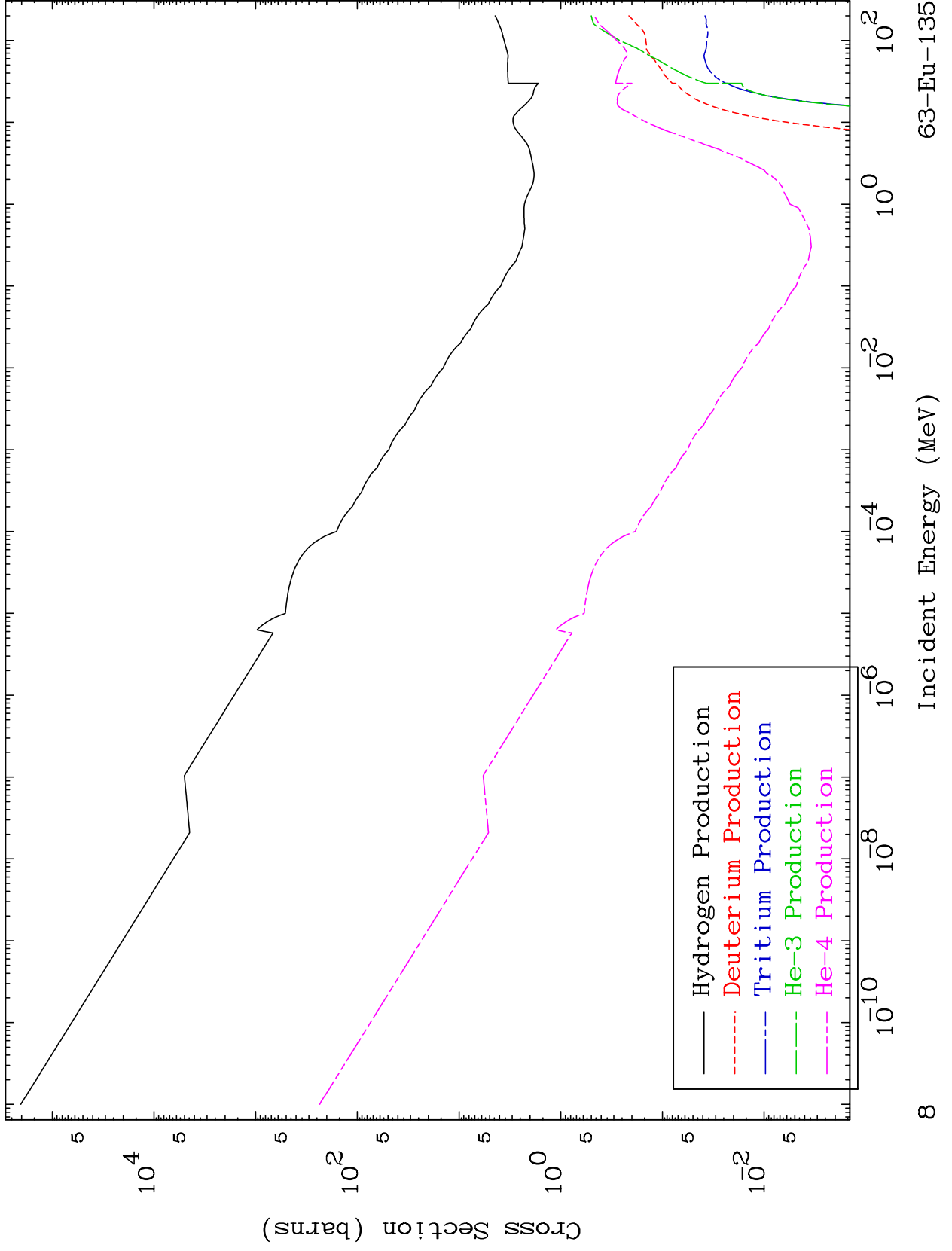
63-Eu-135

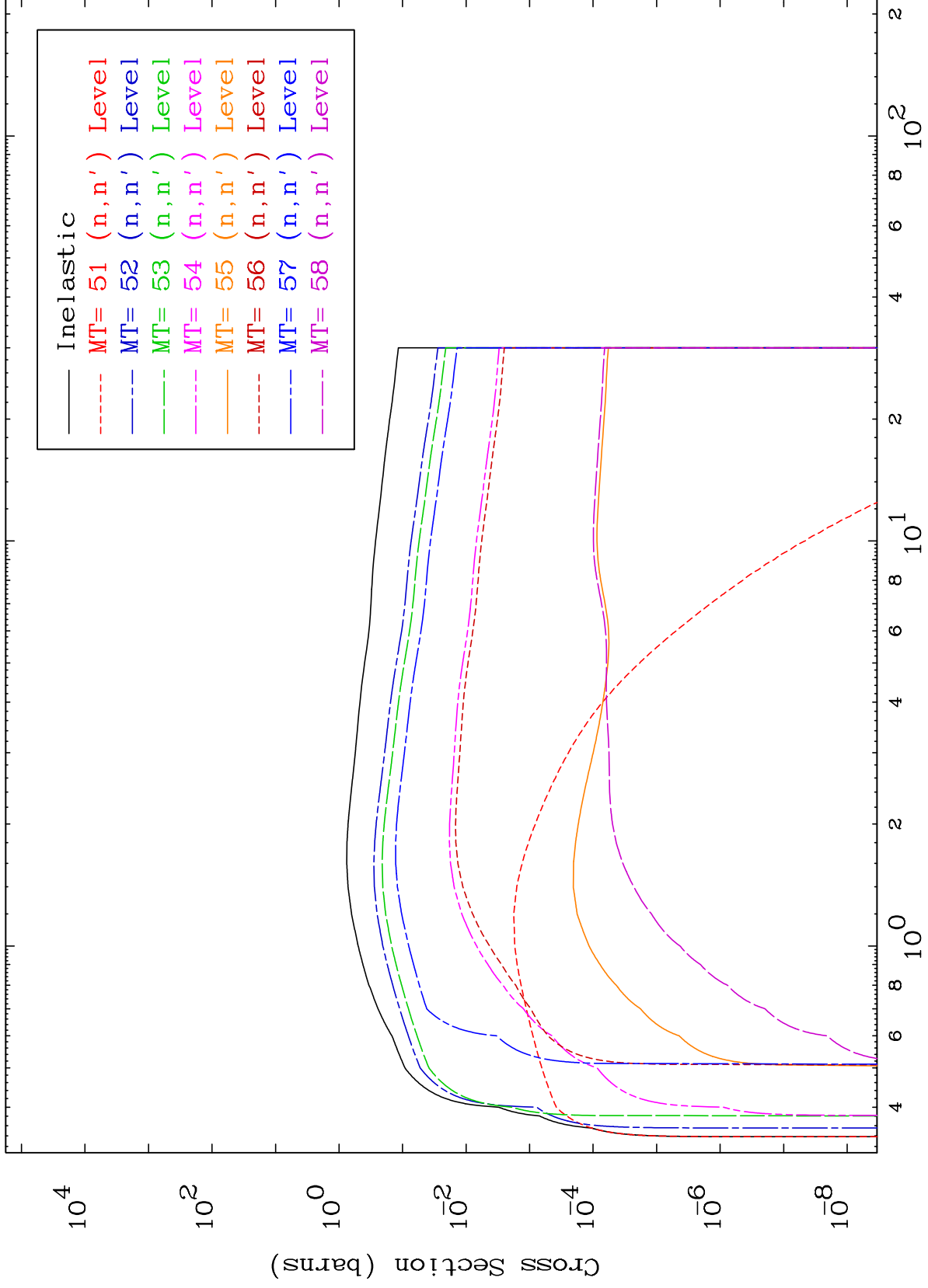


MAT 6277

Particle Production
293 Kelvin Cross Sections

63-Eu-135

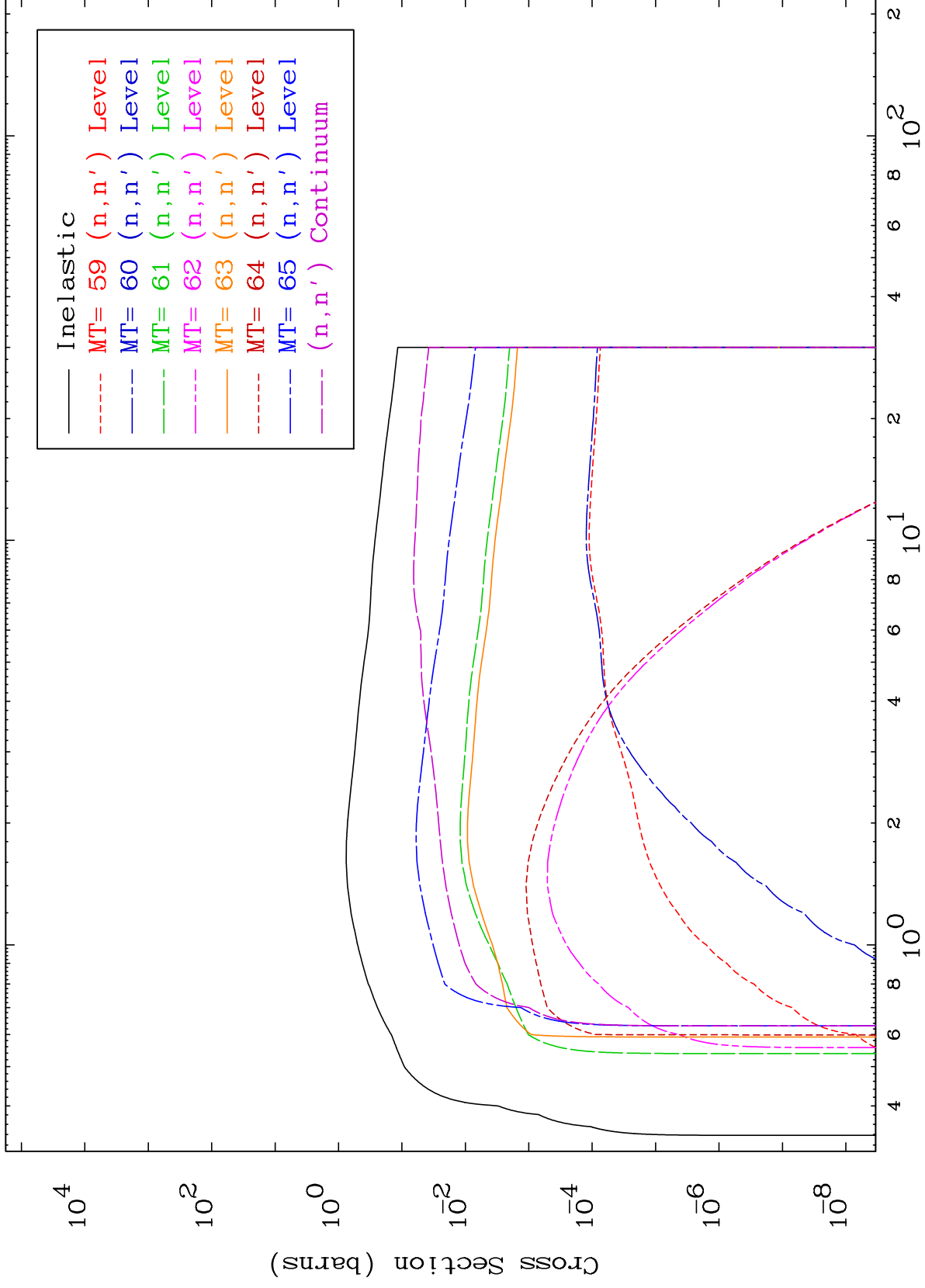




MAT 6277

(n,n') Levels
293 Kelvin Cross Sections

63-Eu-135



10

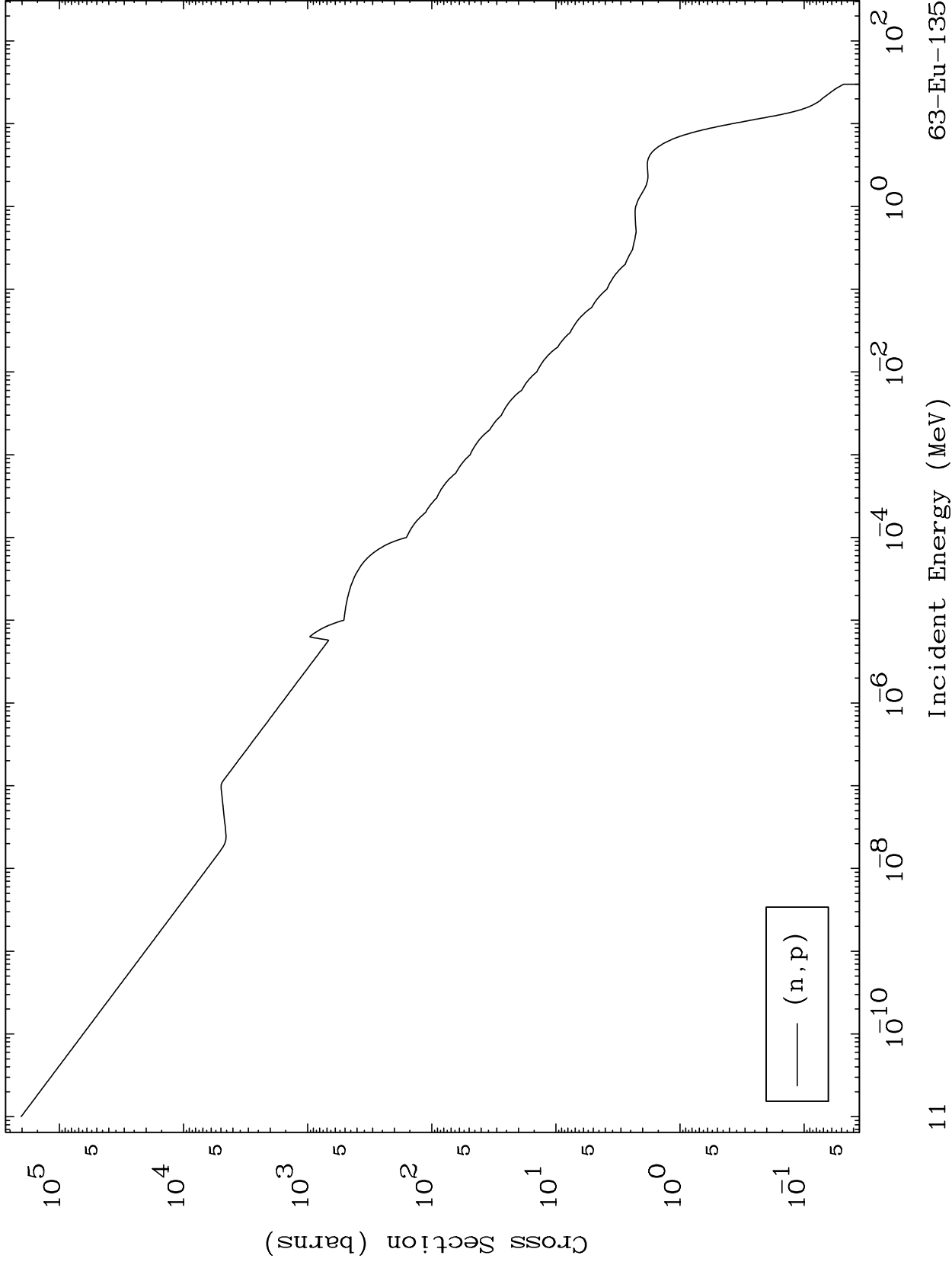
Incident Energy (MeV)

63-Eu-135

MAT 6277

(n,p) Levels
293 Kelvin Cross Sections

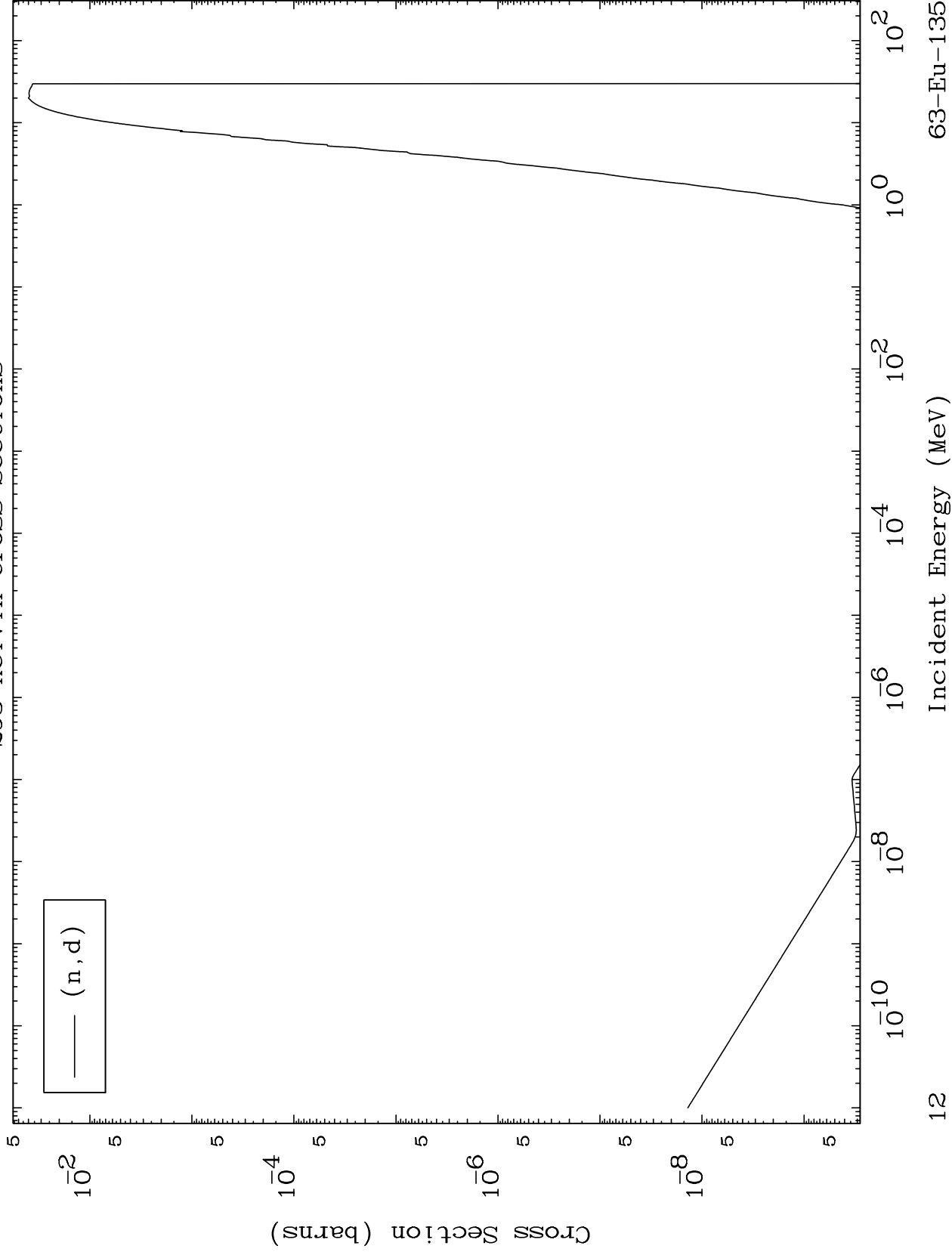
63-Eu-135



MAT 62777

(n,d) Levels
293 Kelvin Cross Sections

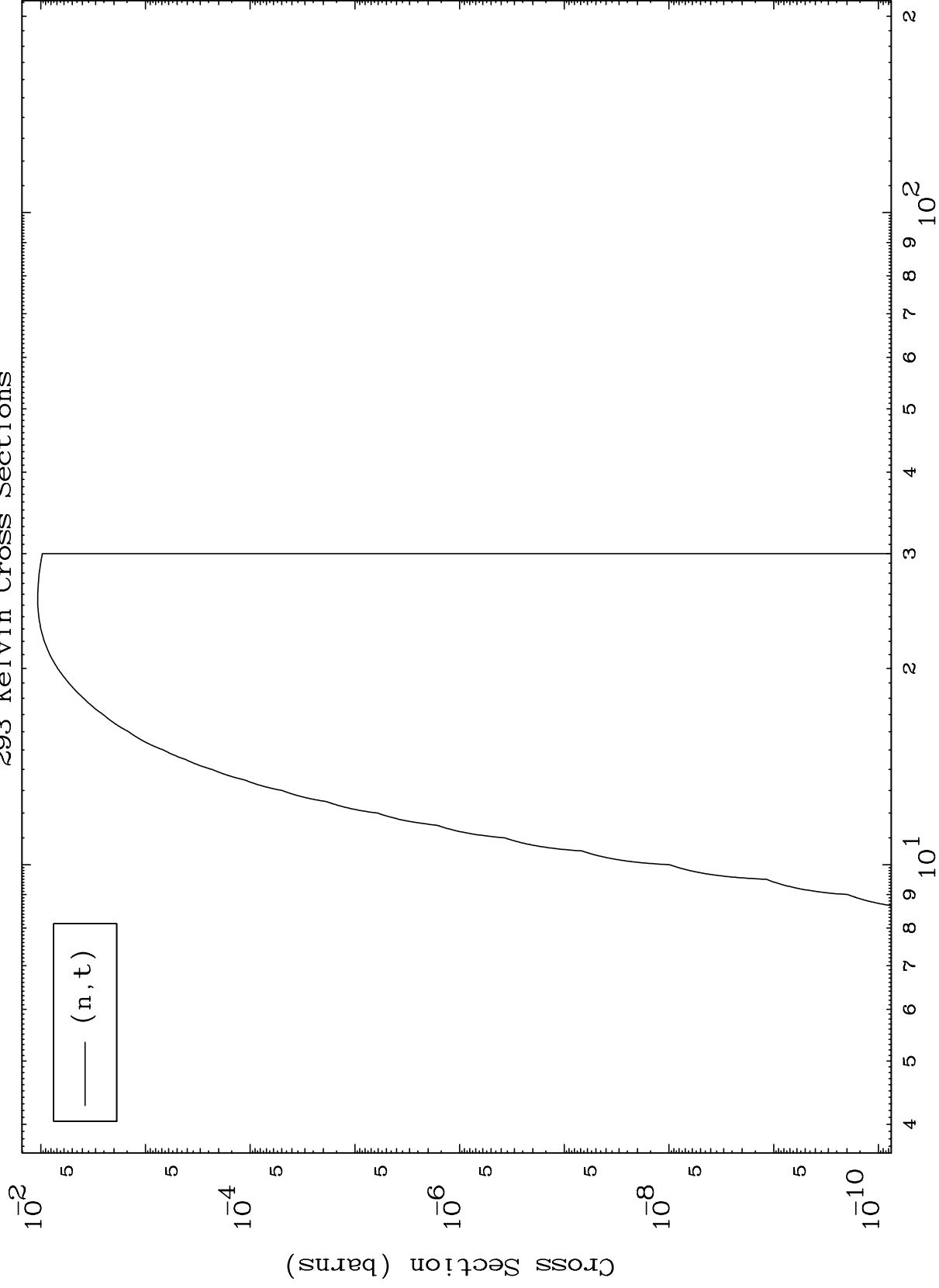
63-Eu-135



MAT 6277

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-135



13

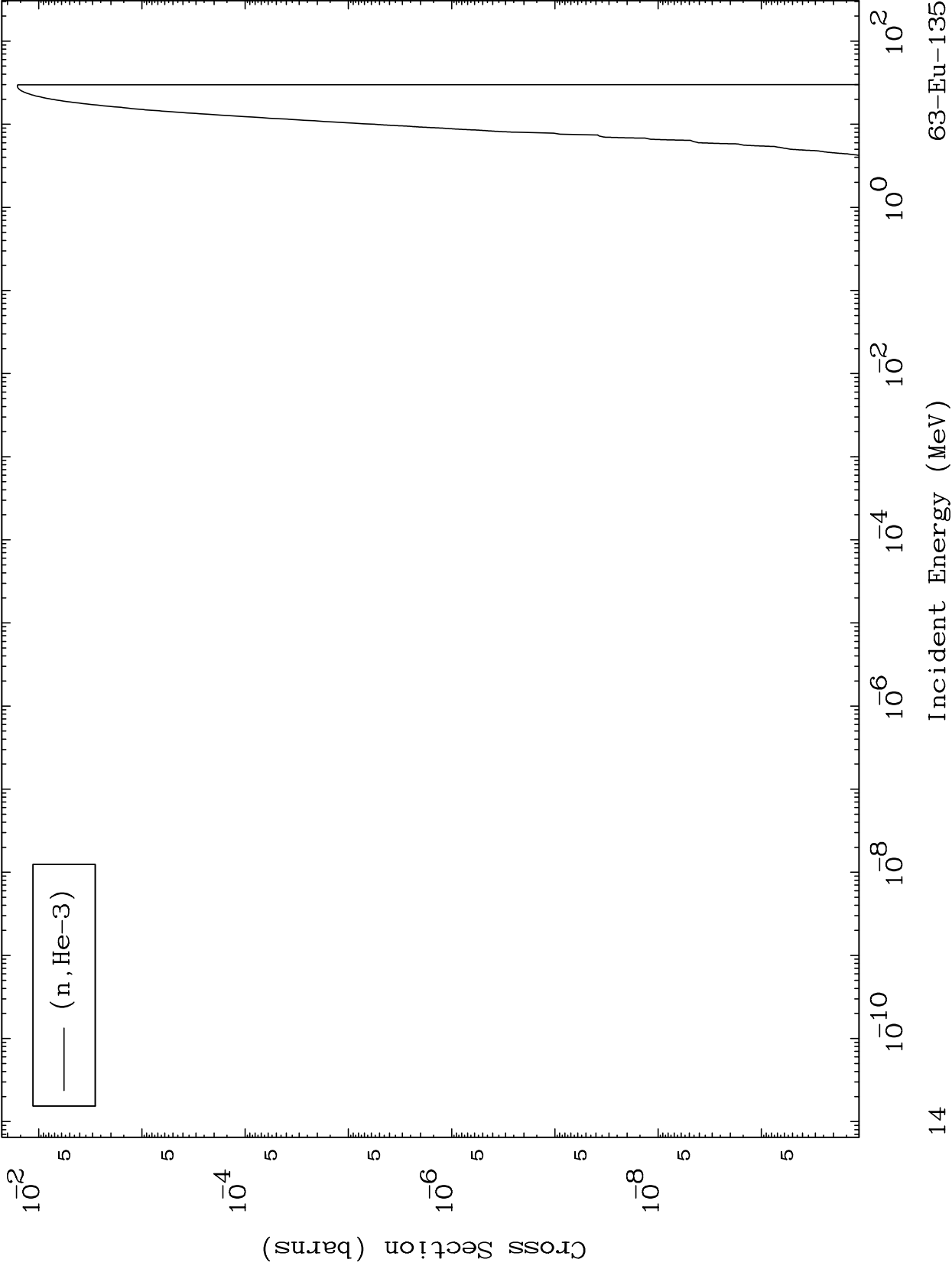
Incident Energy (MeV)

63-Eu-135

MAT 6277

(n,He3) Levels
293 Kelvin Cross Sections

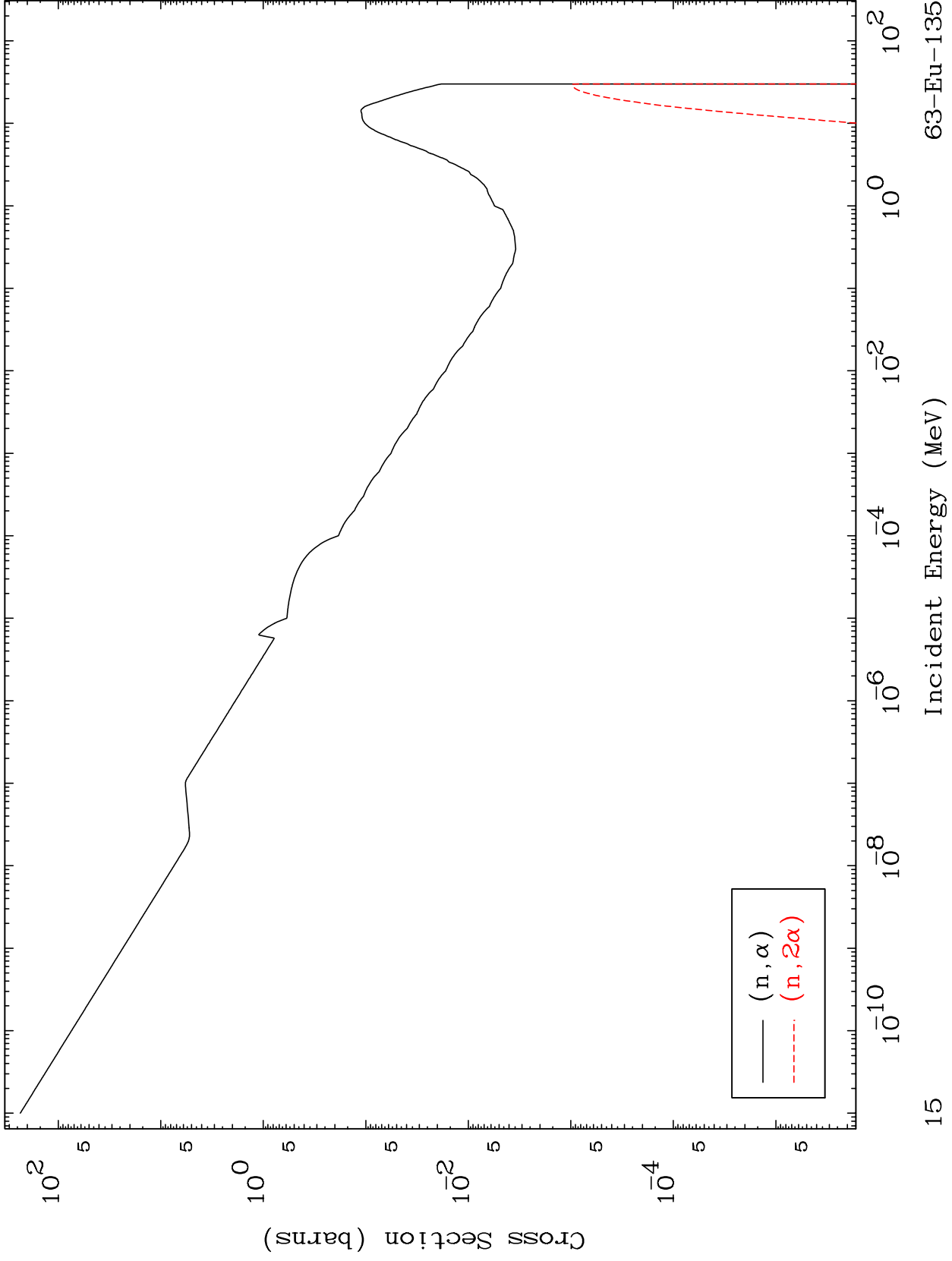
63-Eu-135

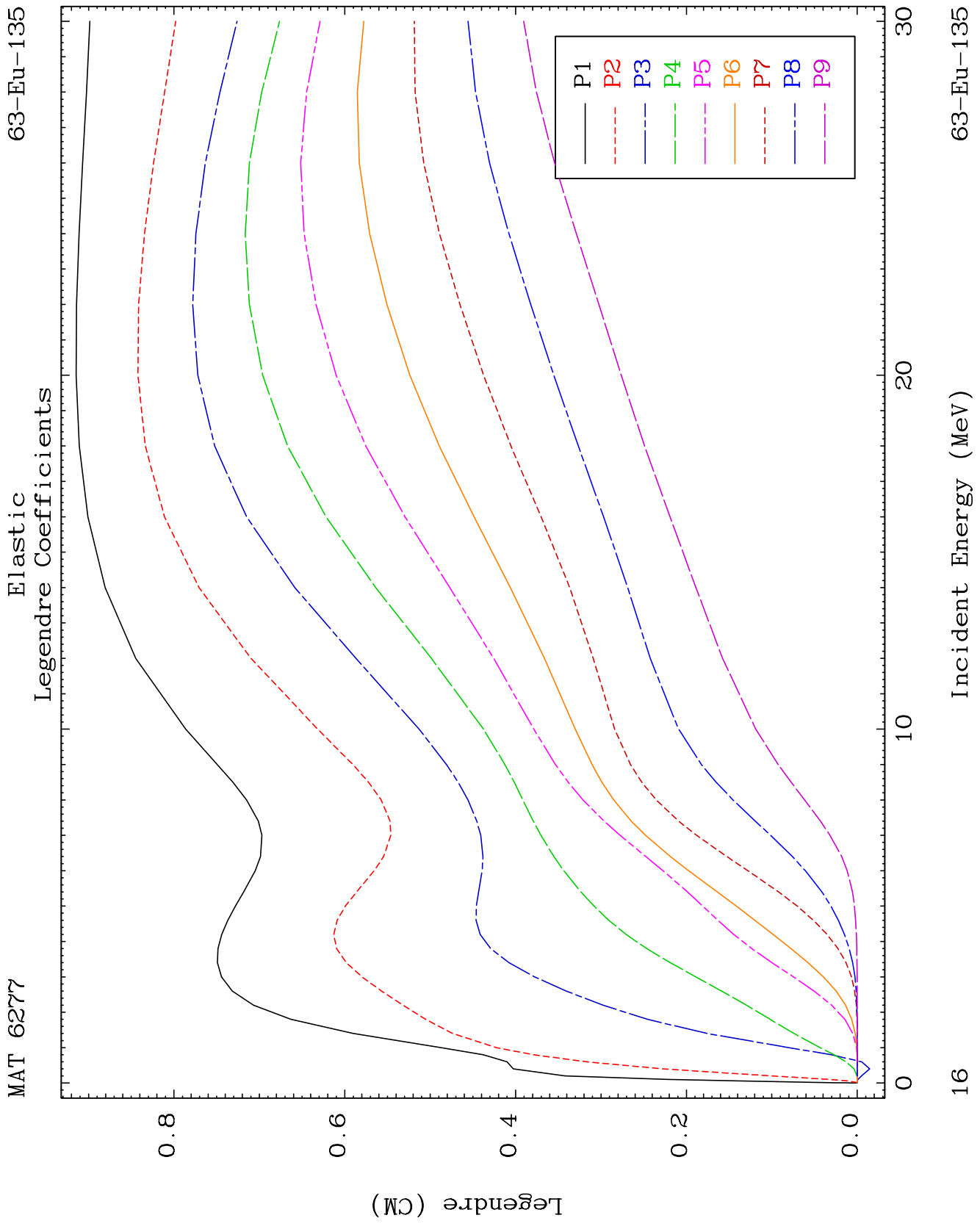


MAT 6277

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-135

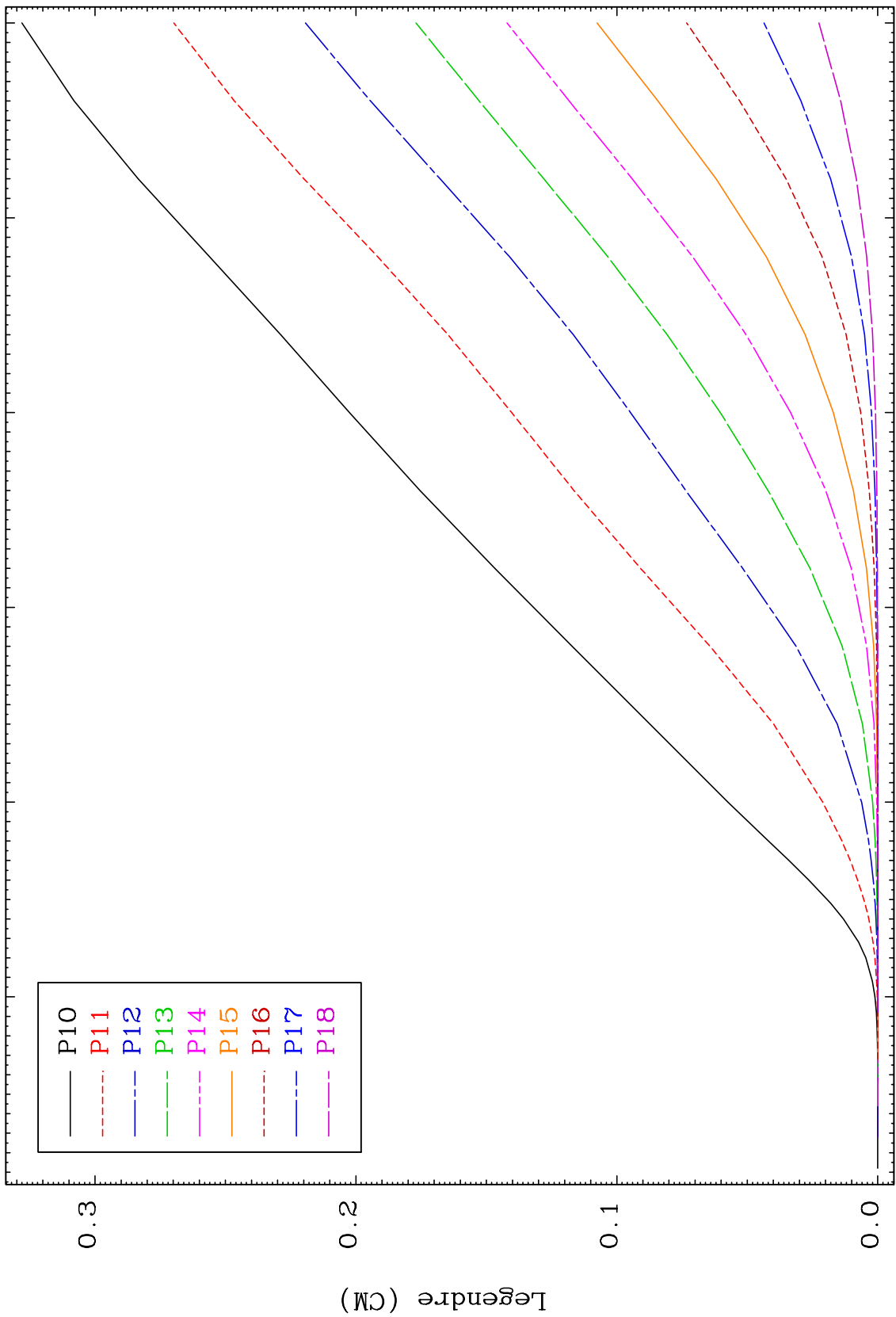




MAT 6277

Elastic Legendre Coefficients

63-Eu-135



17

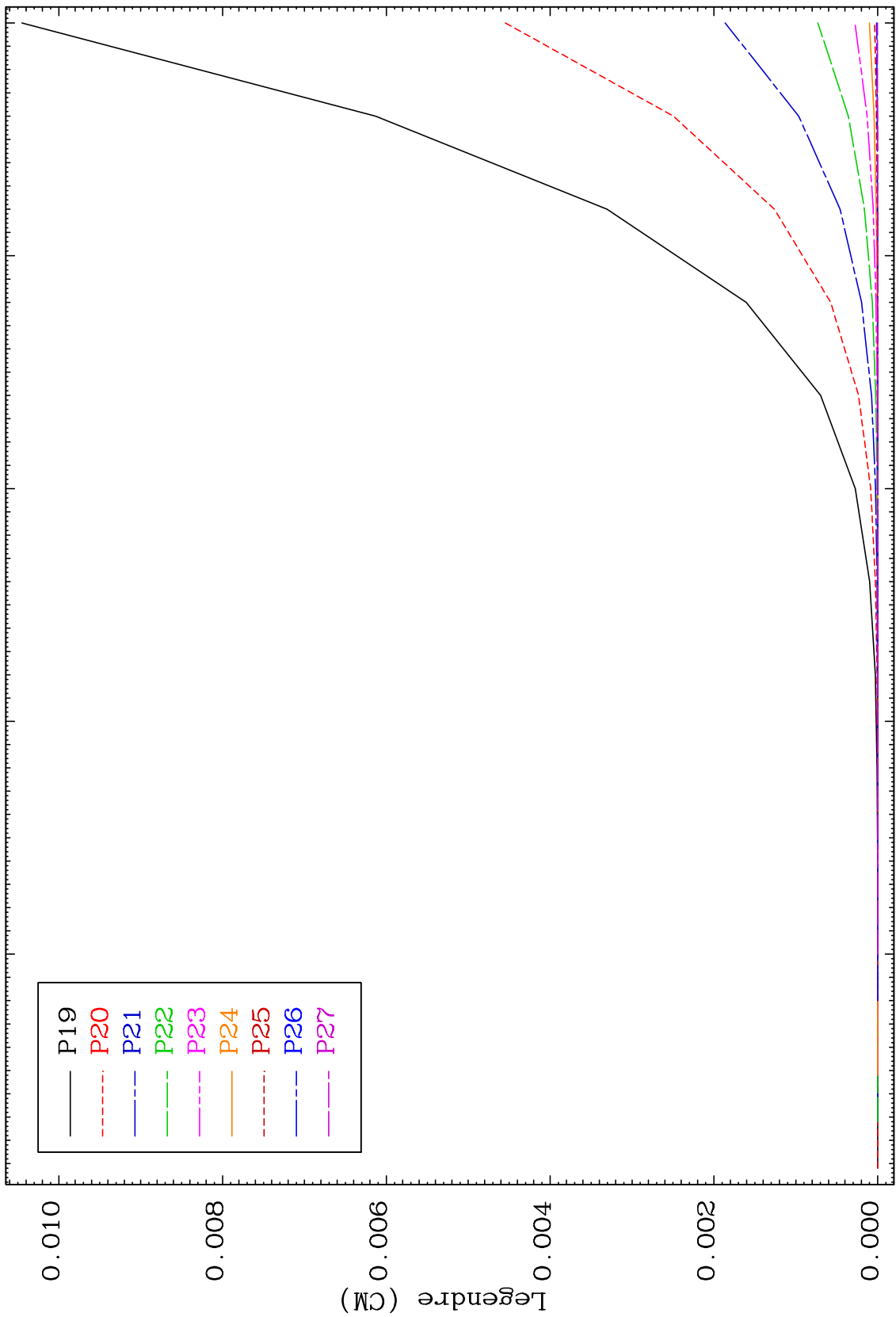
Incident Energy (MeV)

63-Eu-135

MAT 6277

Elastic Legendre Coefficients

63-Eu-135



18

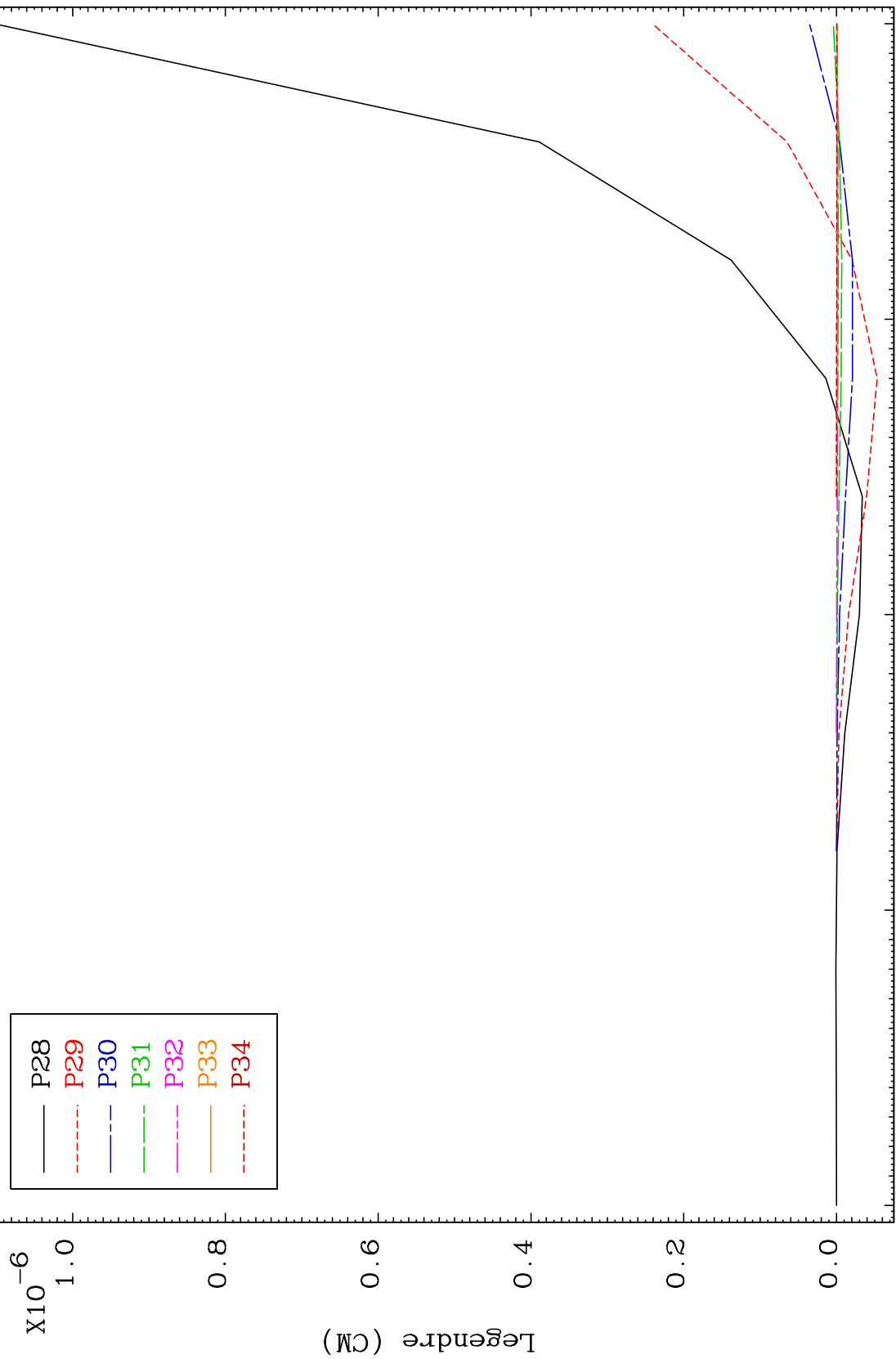
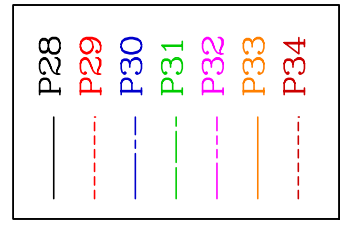
Incident Energy (MeV)

63-Eu-135

MAT 6277

Elastic Legendre Coefficients

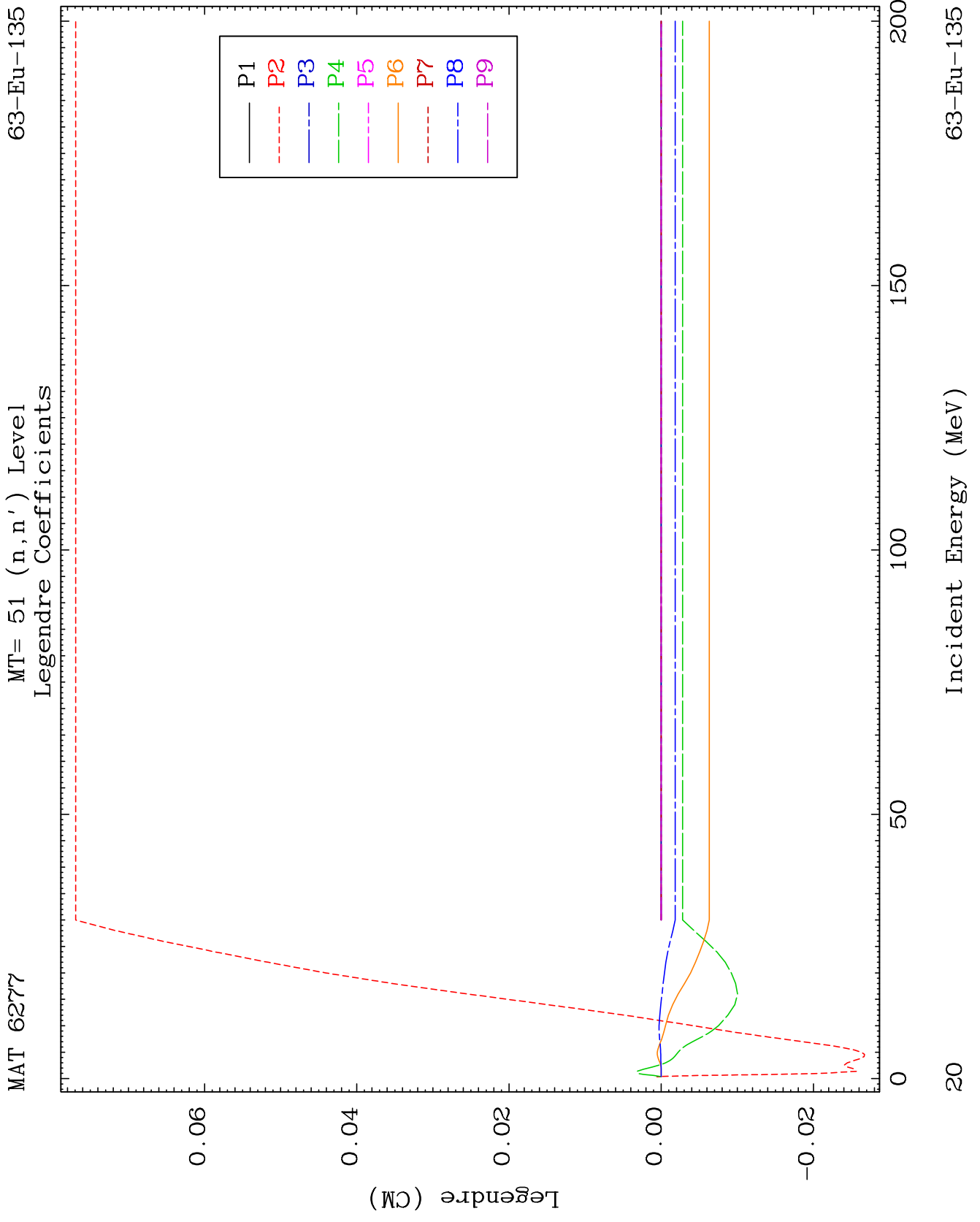
63-Eu-135

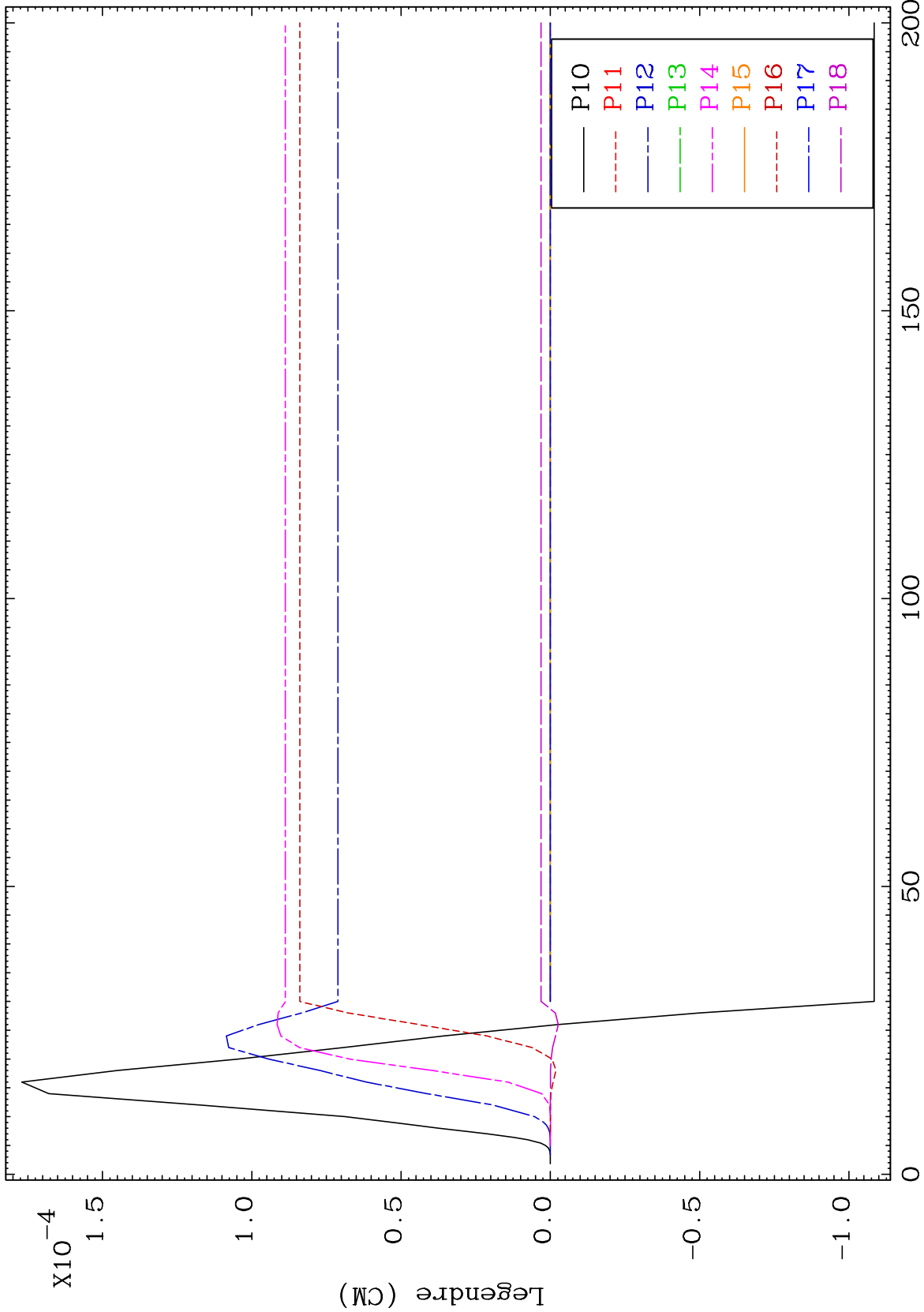


19

Incident Energy (MeV)

63-Eu-135

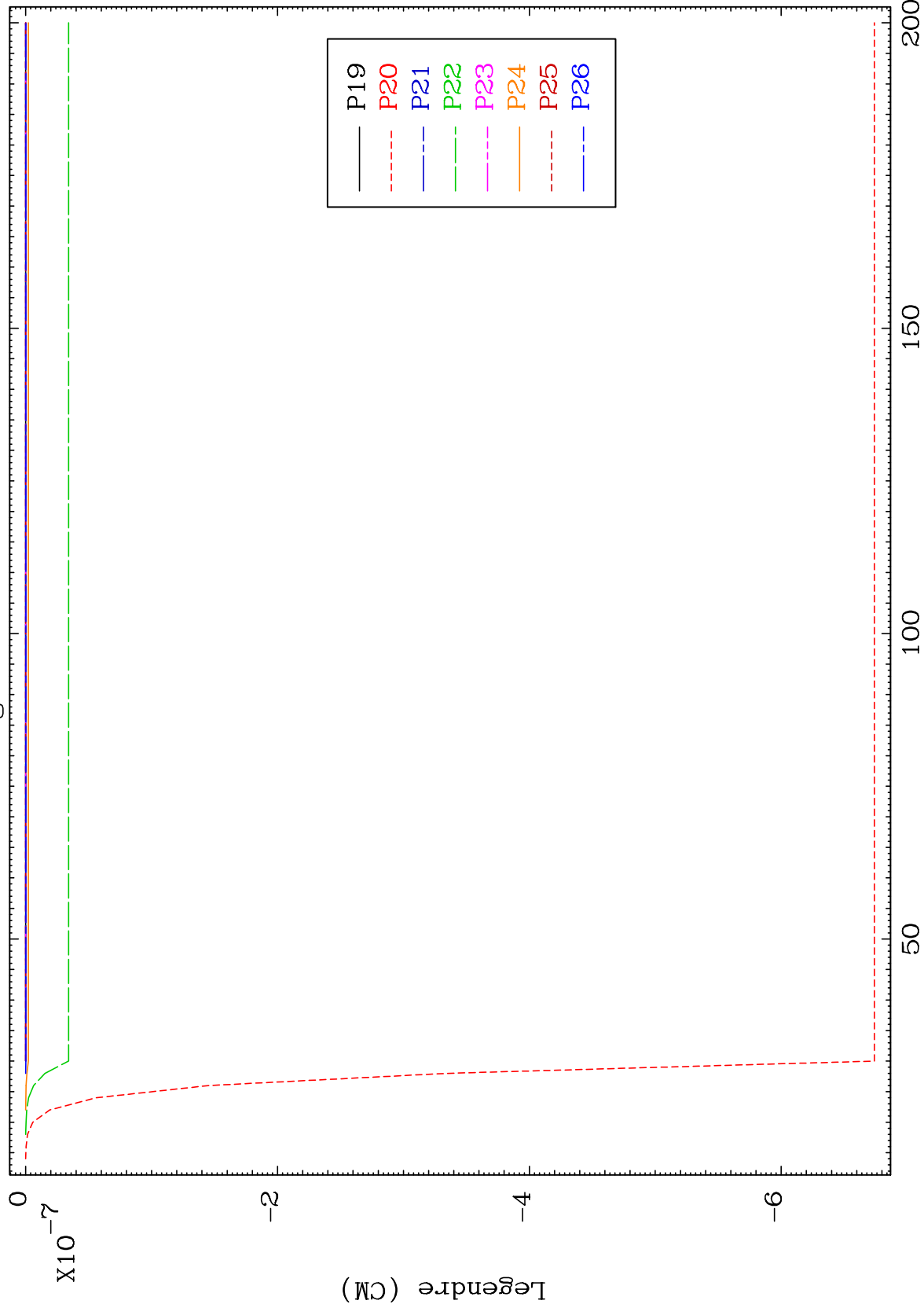




MAT 6277

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

63-Eu-135



22

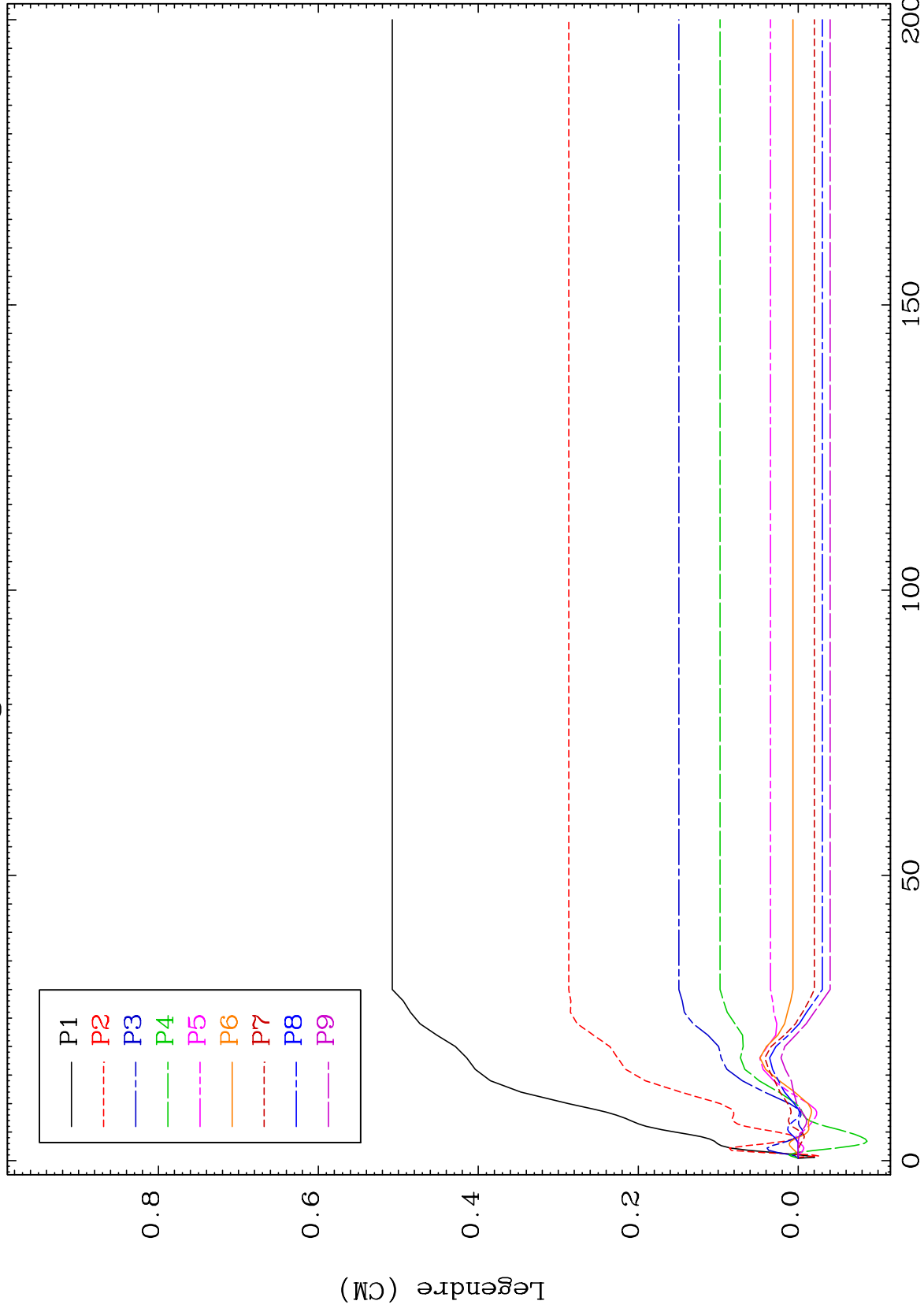
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



63-Eu-135

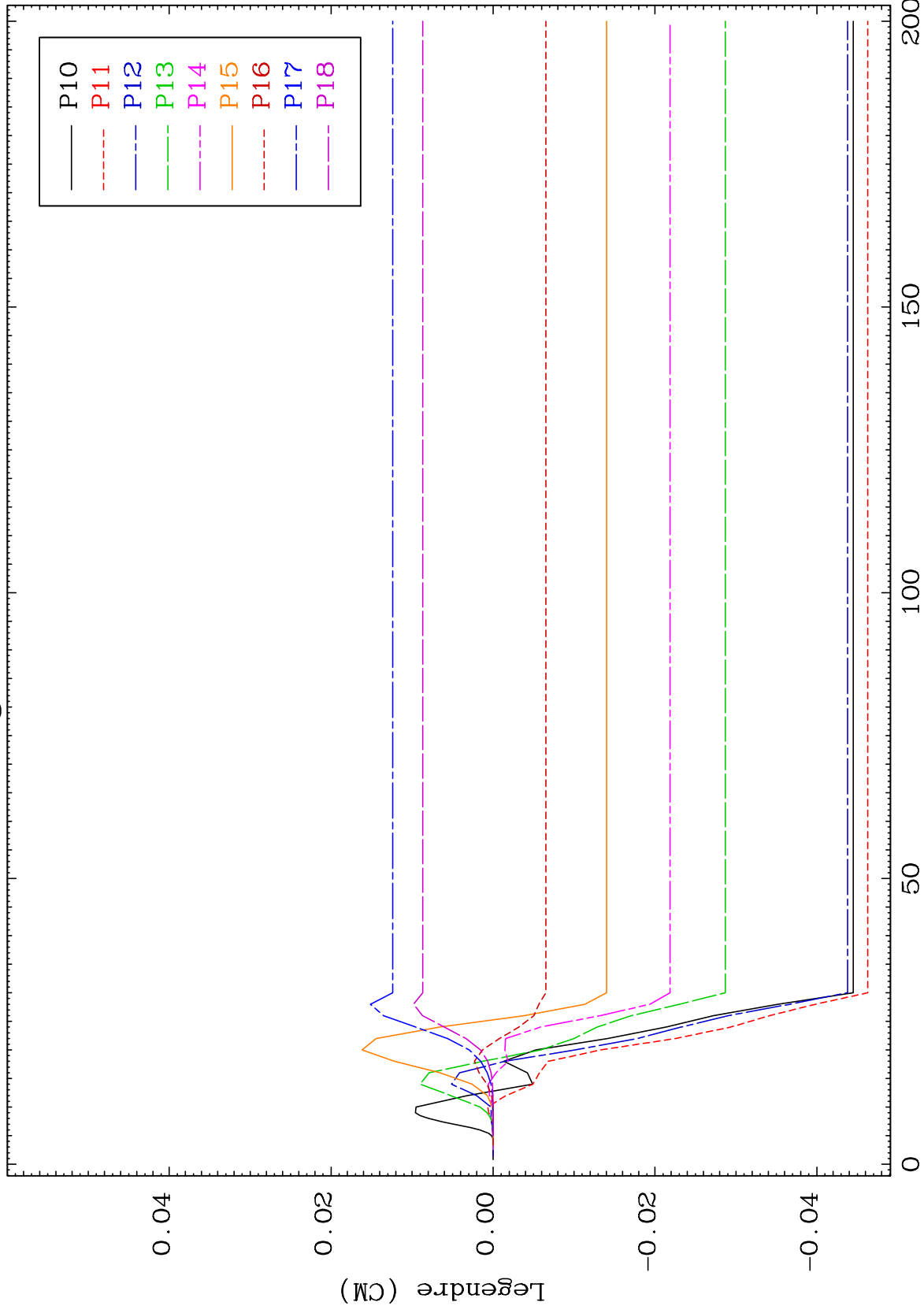
Incident Energy (MeV)

23

MAT 6277

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

63-Eu-135



24

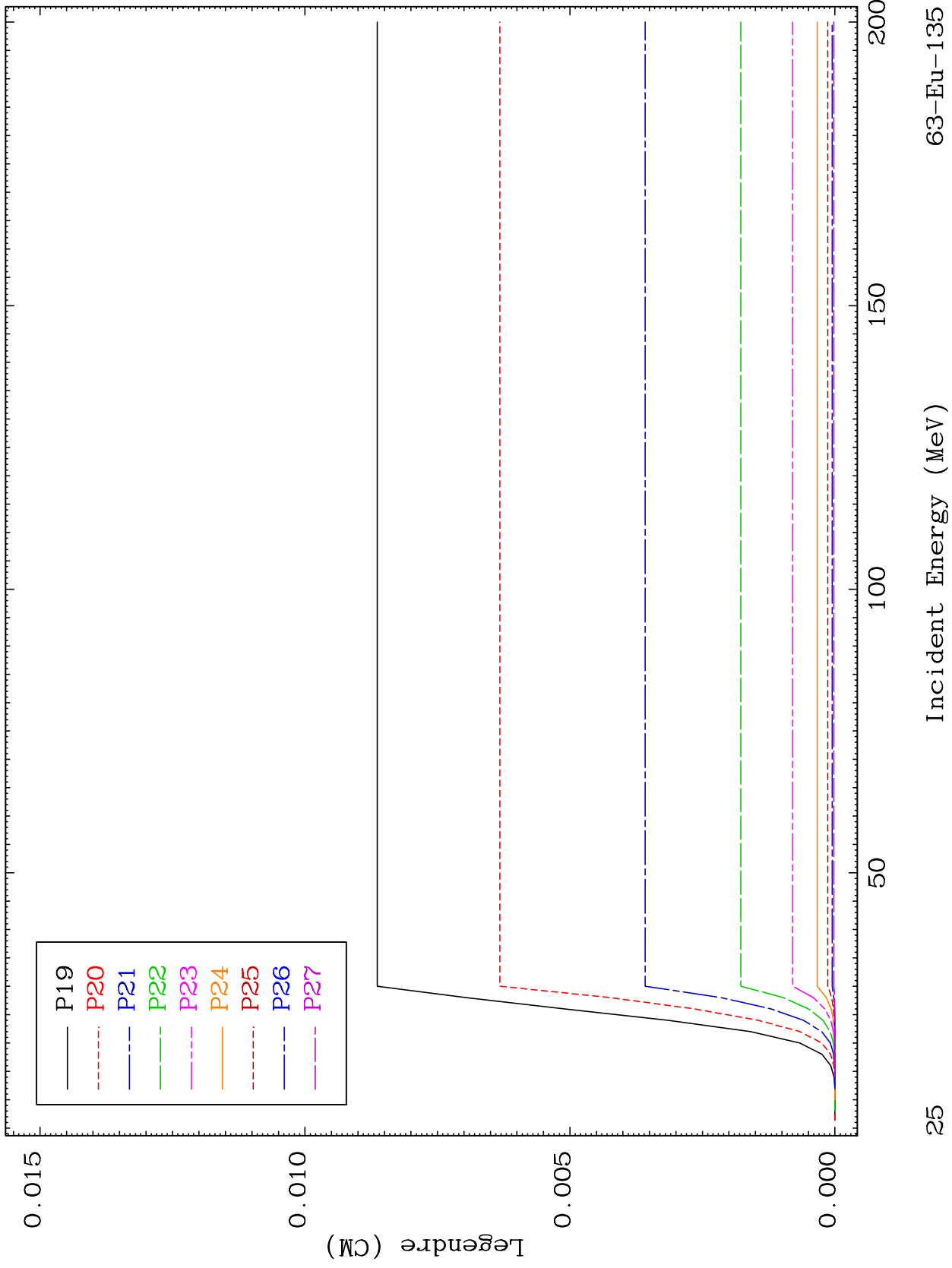
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



25

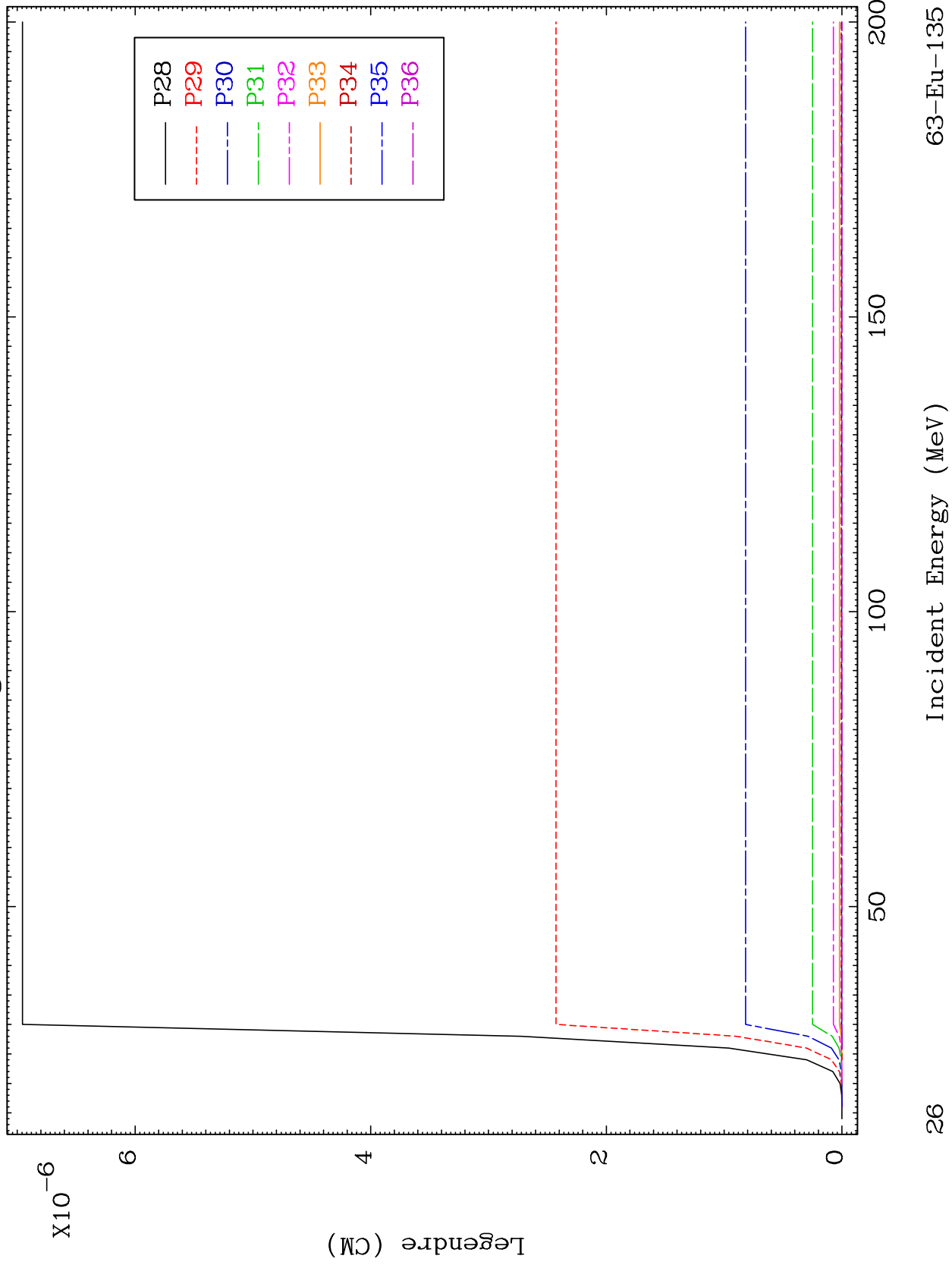
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



26

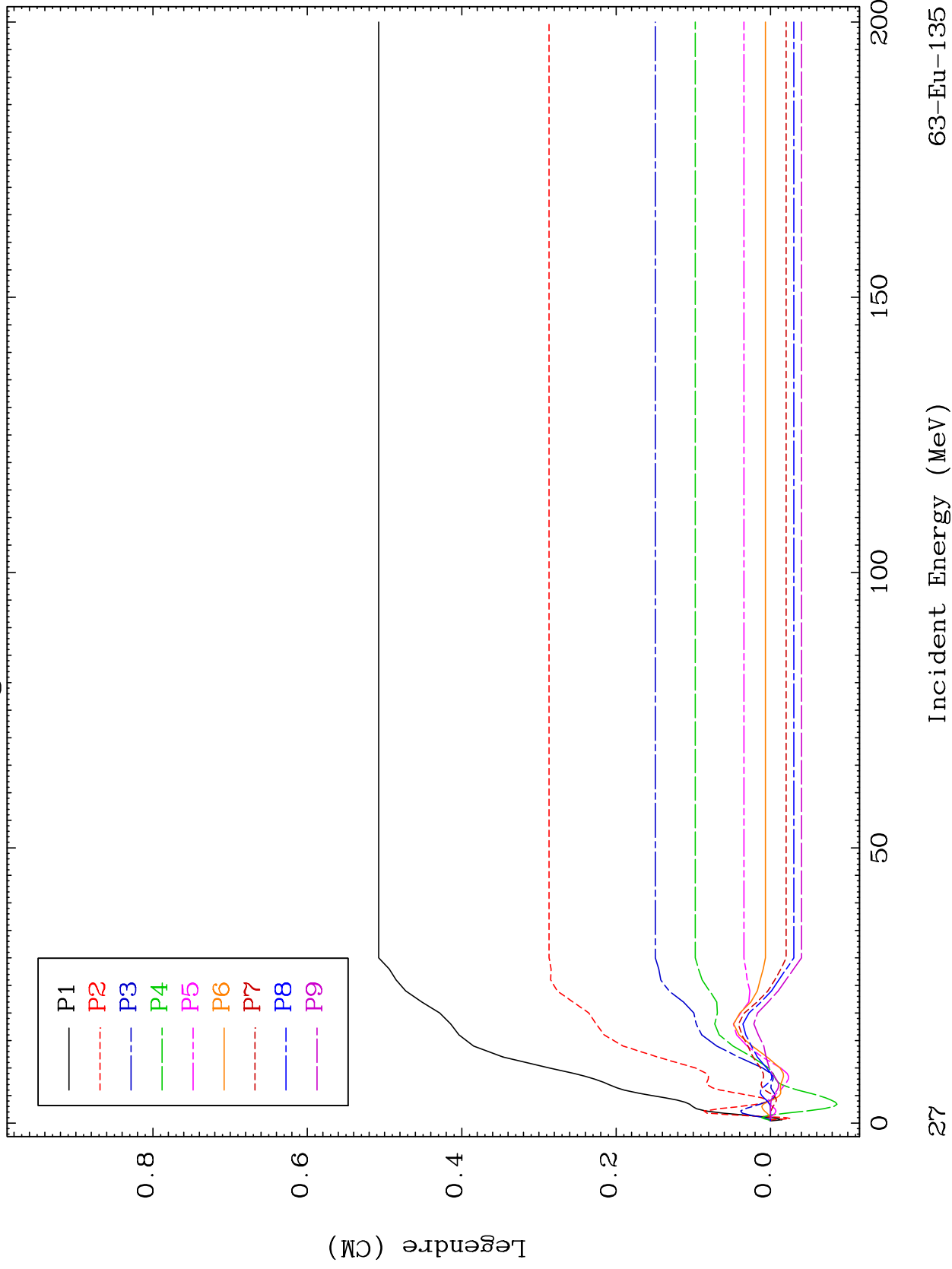
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

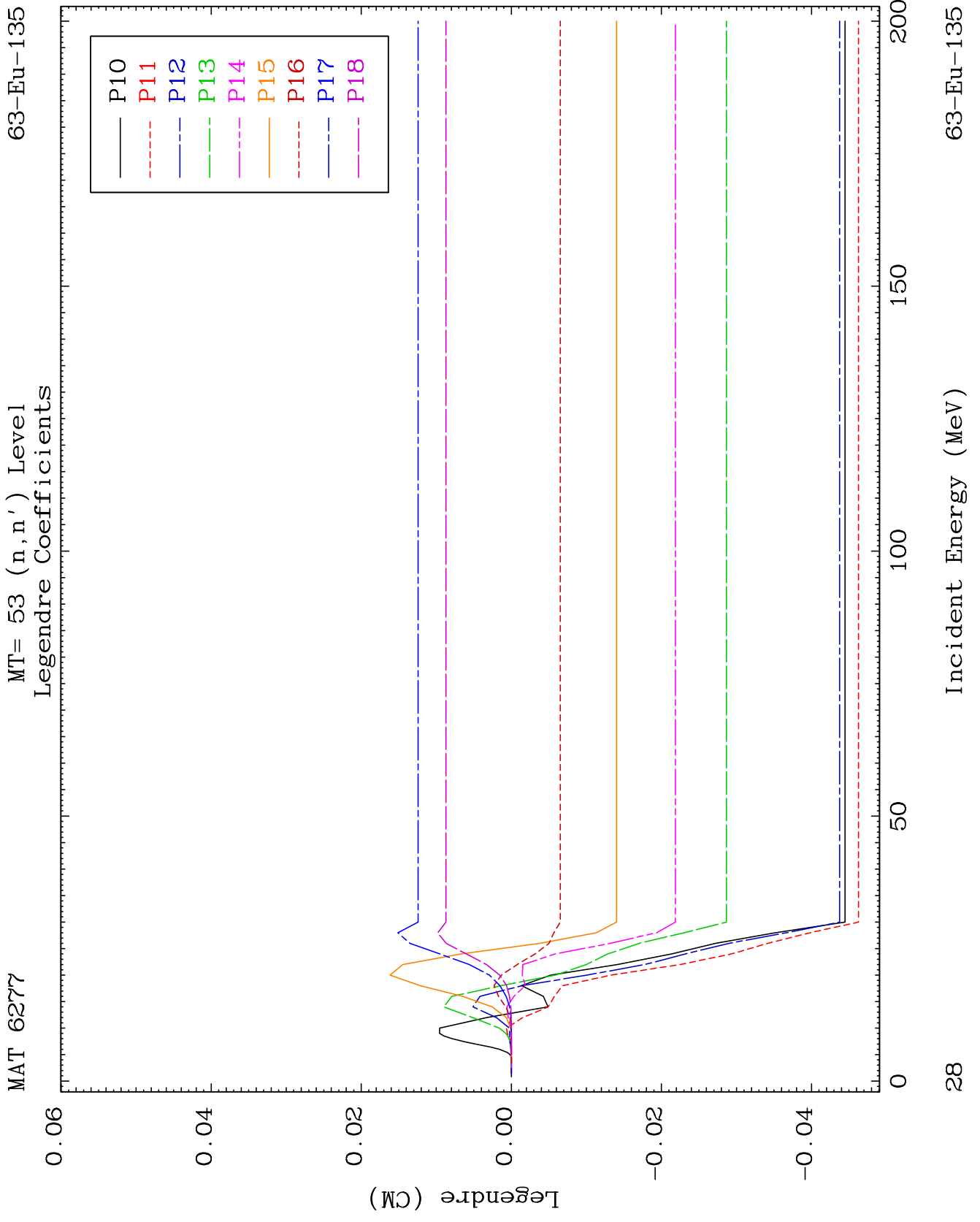
63-Eu-135



27

Incident Energy (MeV)

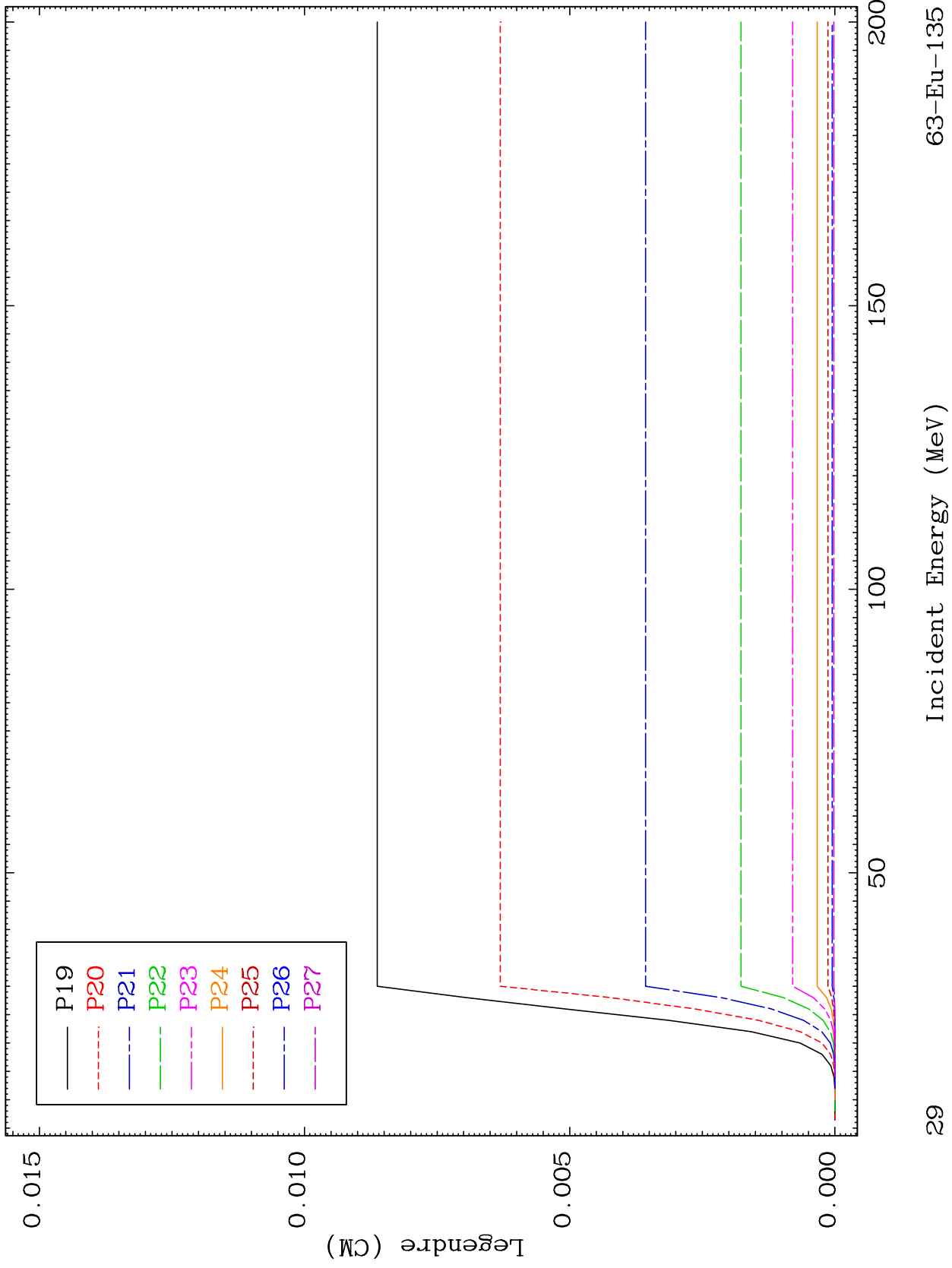
63-Eu-135



MAT 6277

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

63-Eu-135



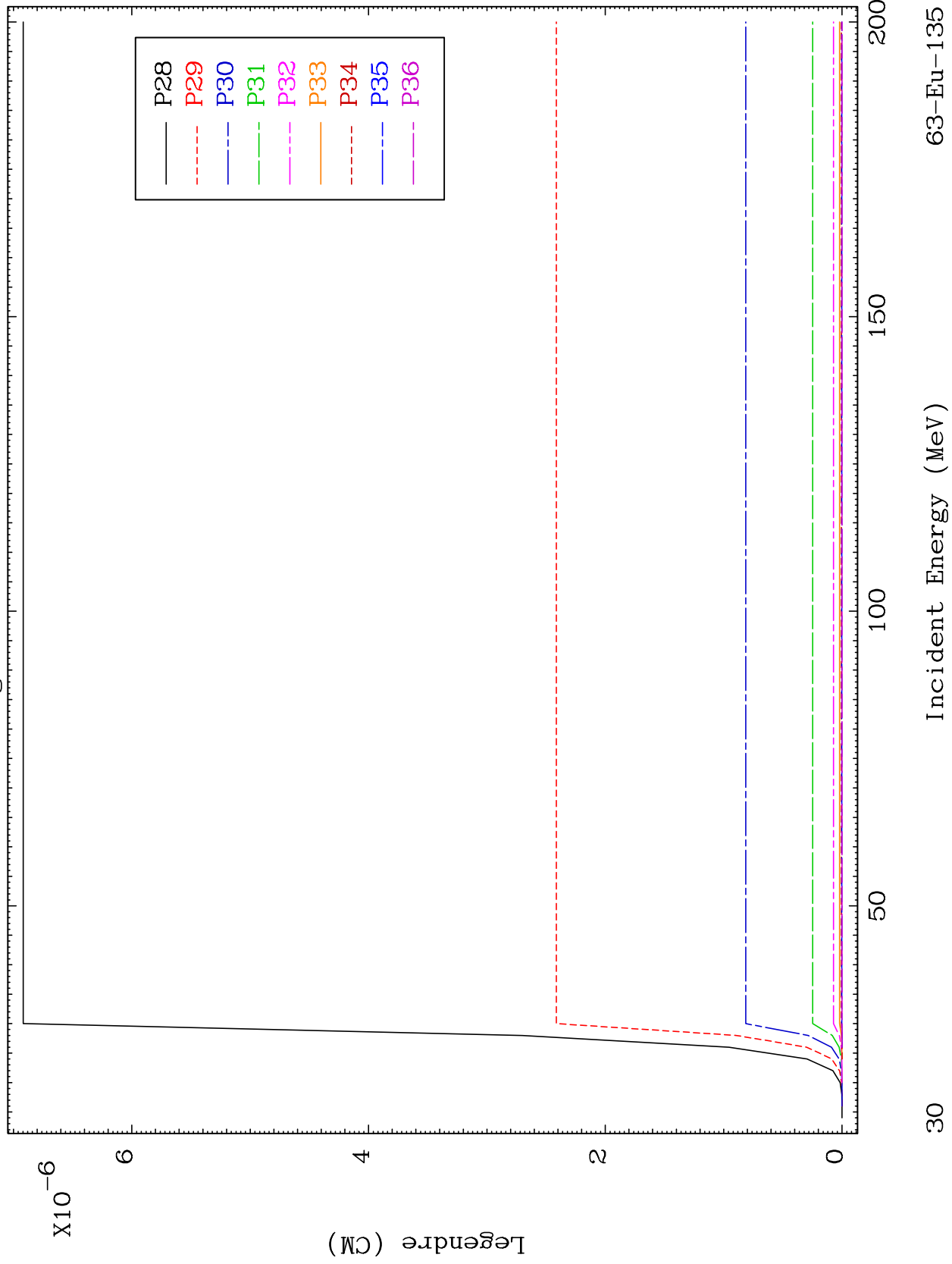
29

63-Eu-135

MAT 6277

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

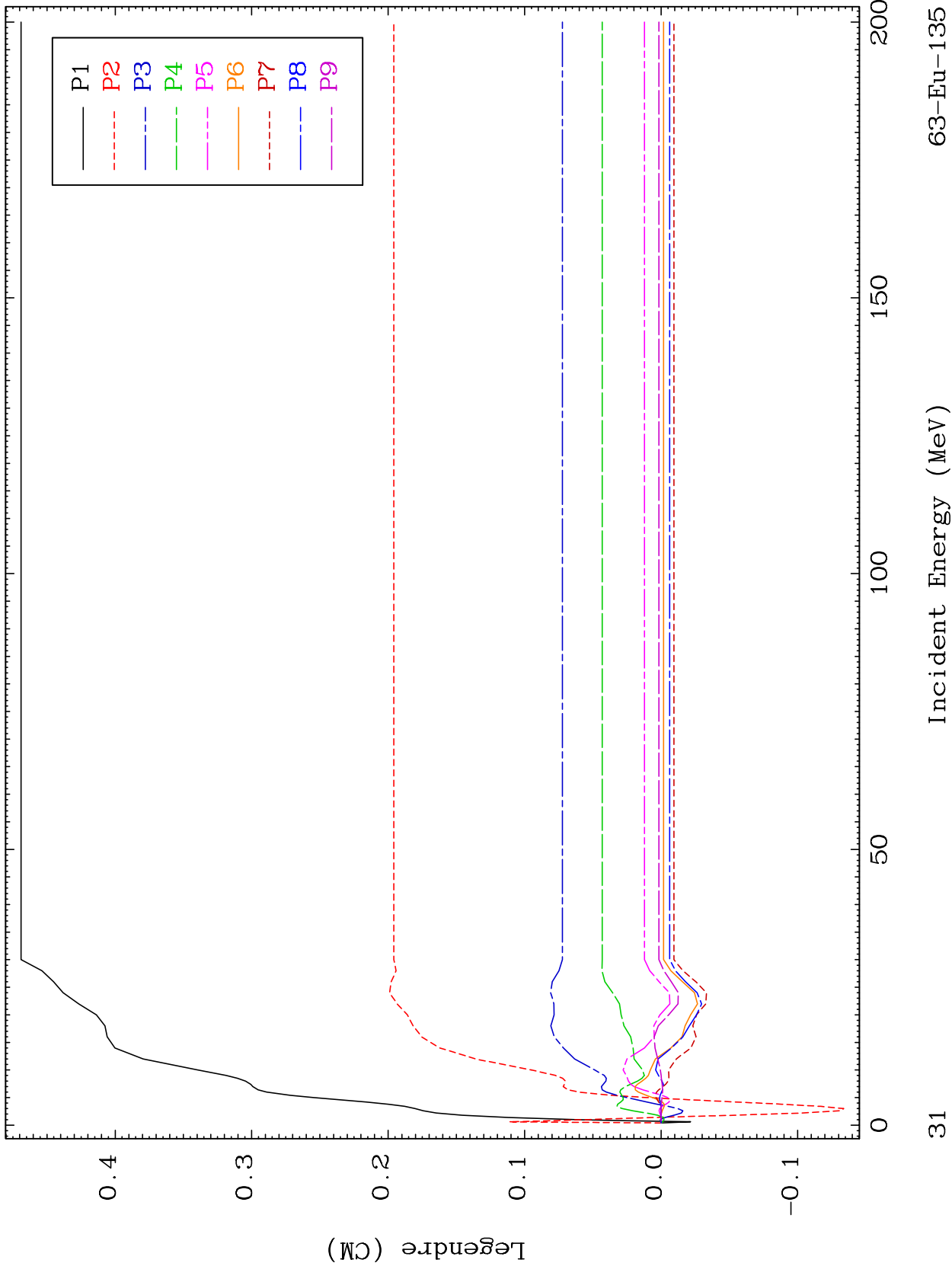
63-Eu-135



MAT 6277

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

63-Eu-135



63-Eu-135

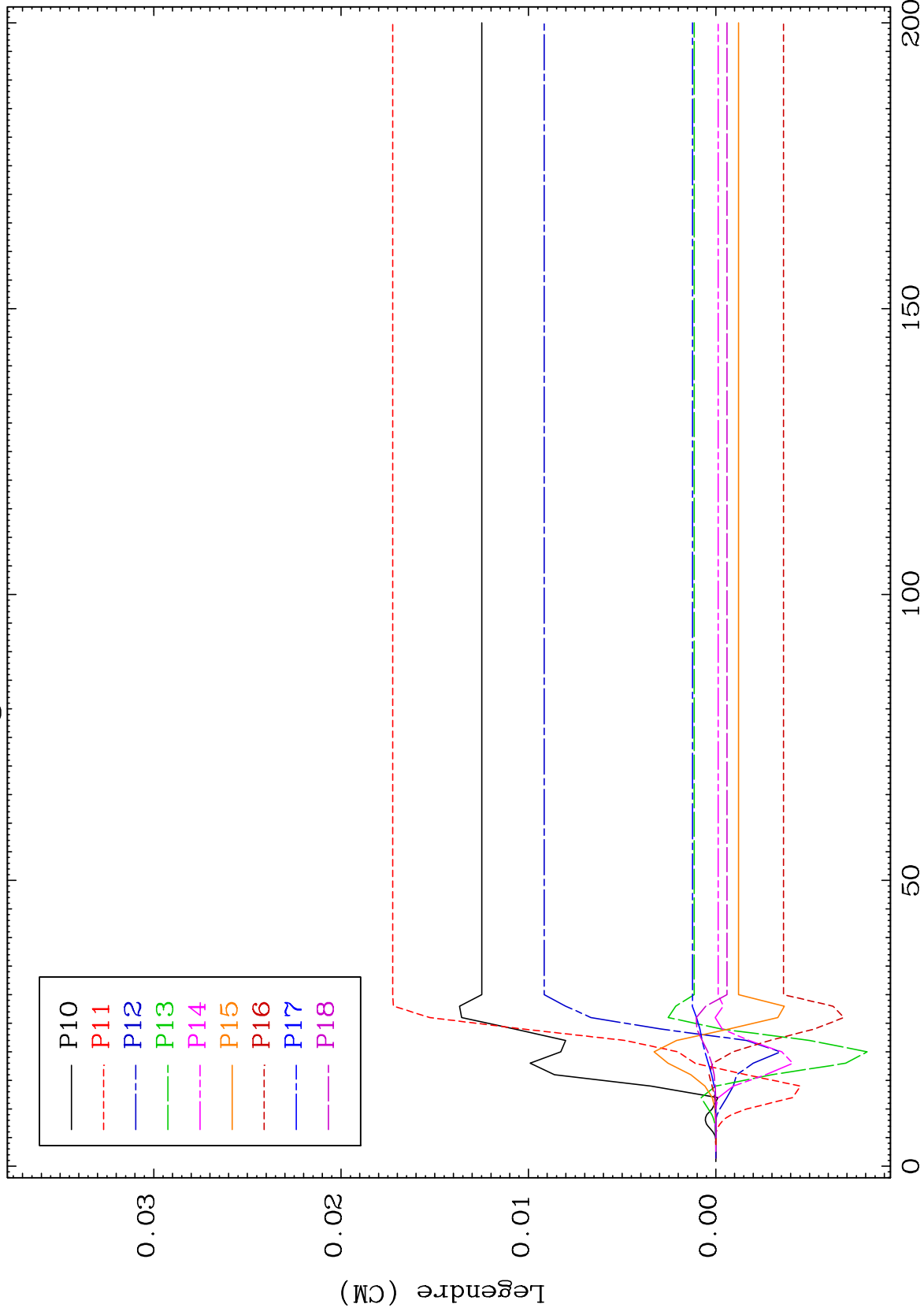
Incident Energy (MeV)

31

MAT 6277

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

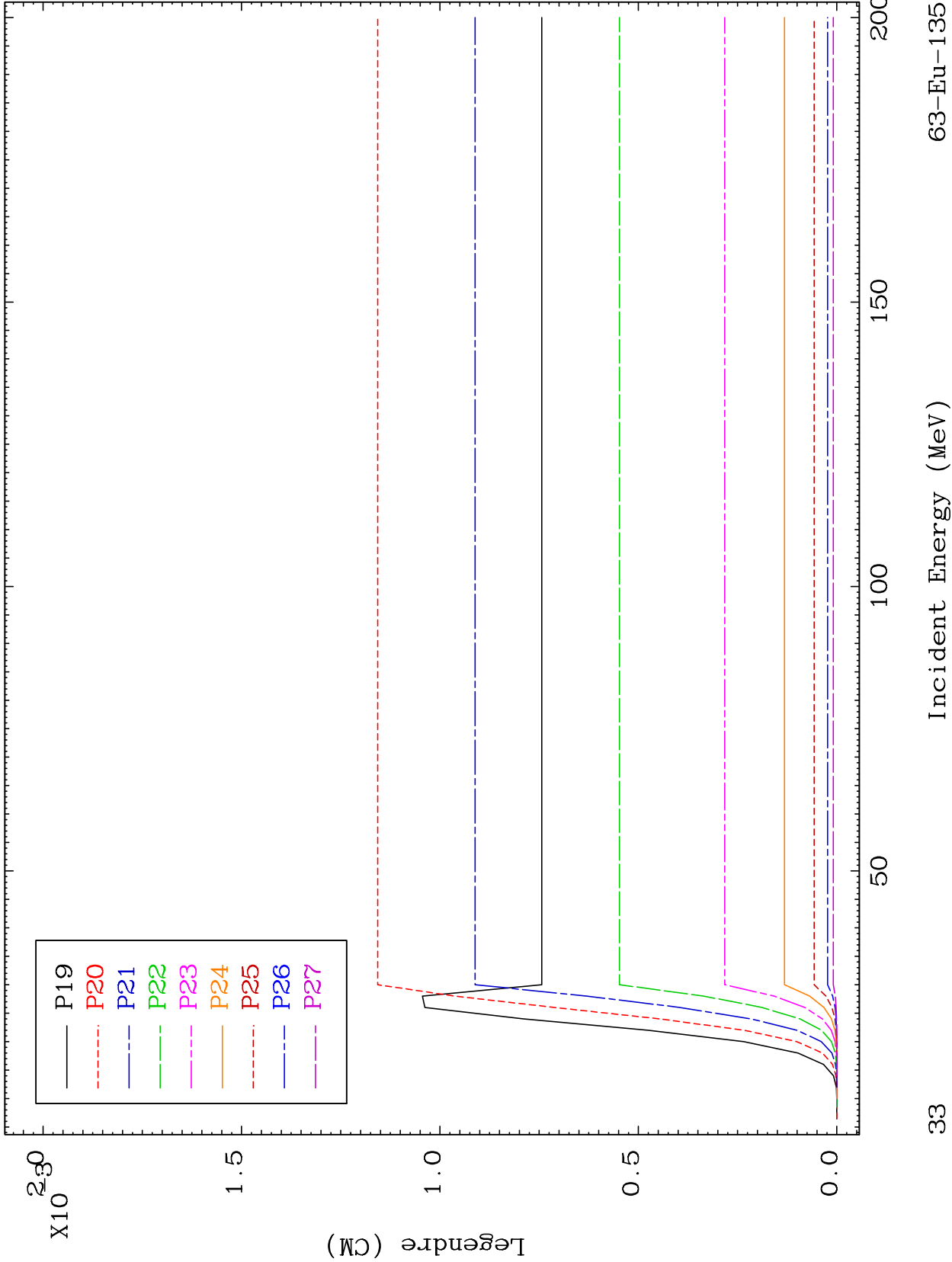
63-Eu-135



32

Incident Energy (MeV)

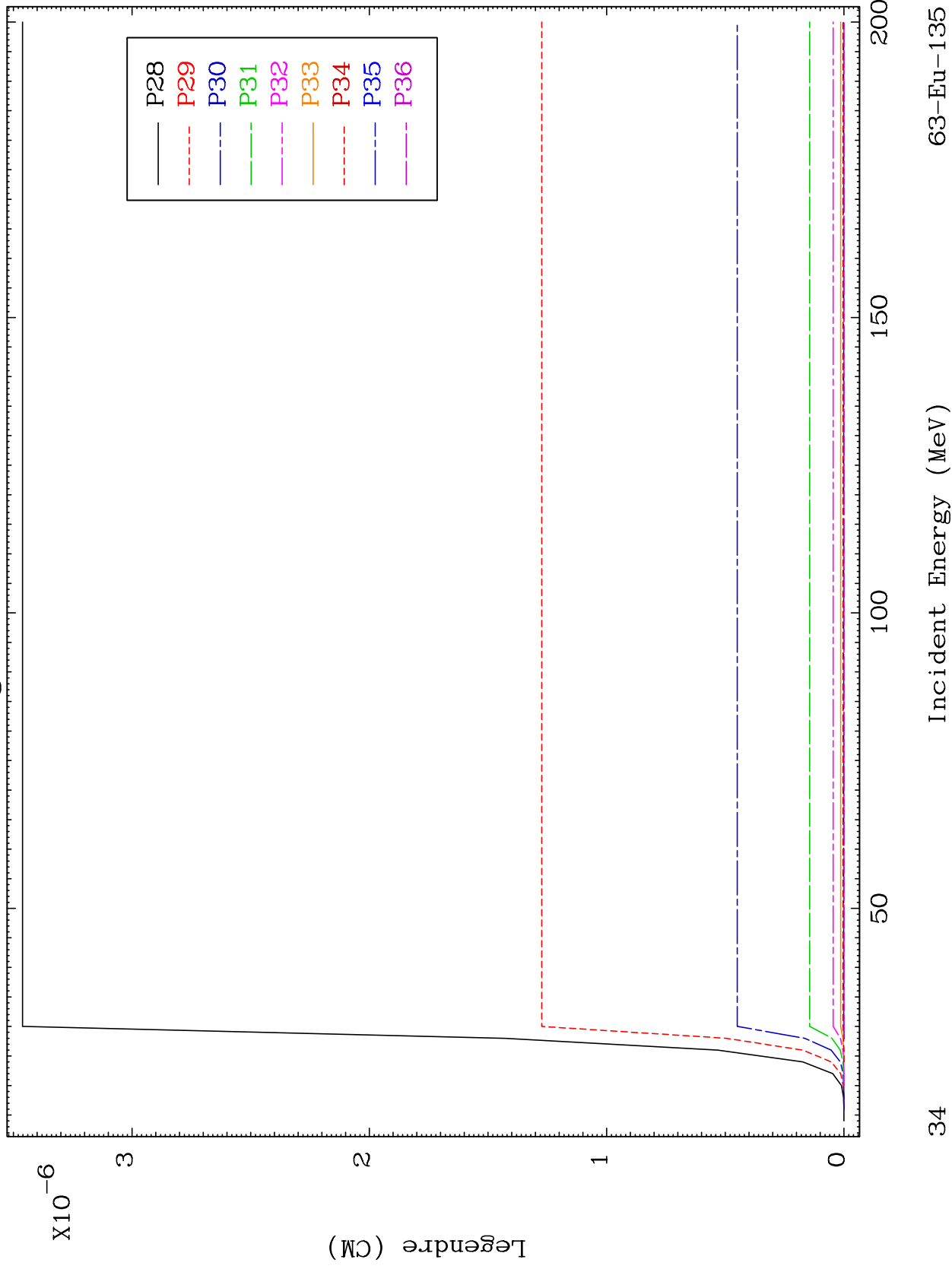
63-Eu-135



MAT 6277

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

63-Eu-135



34

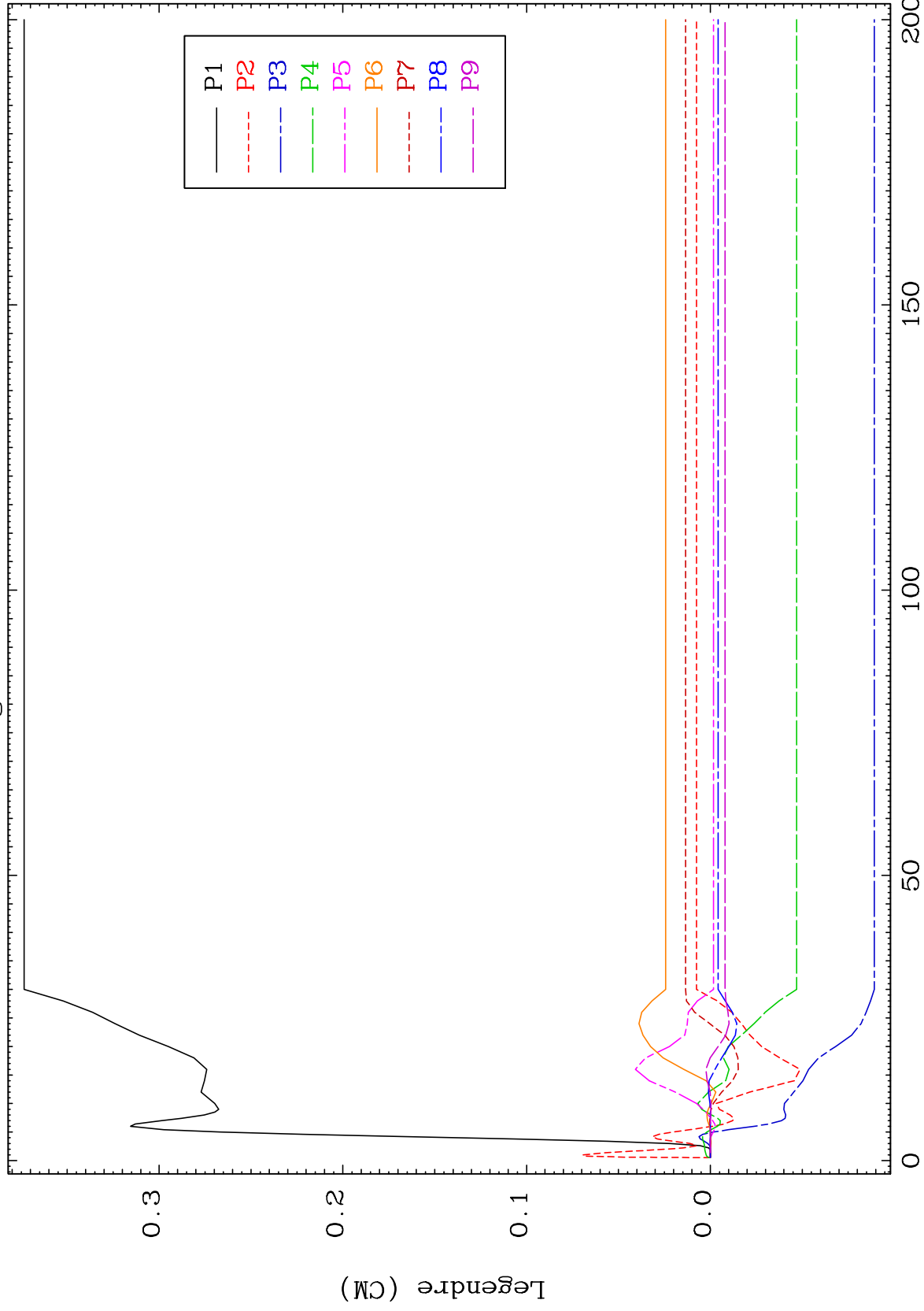
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



35

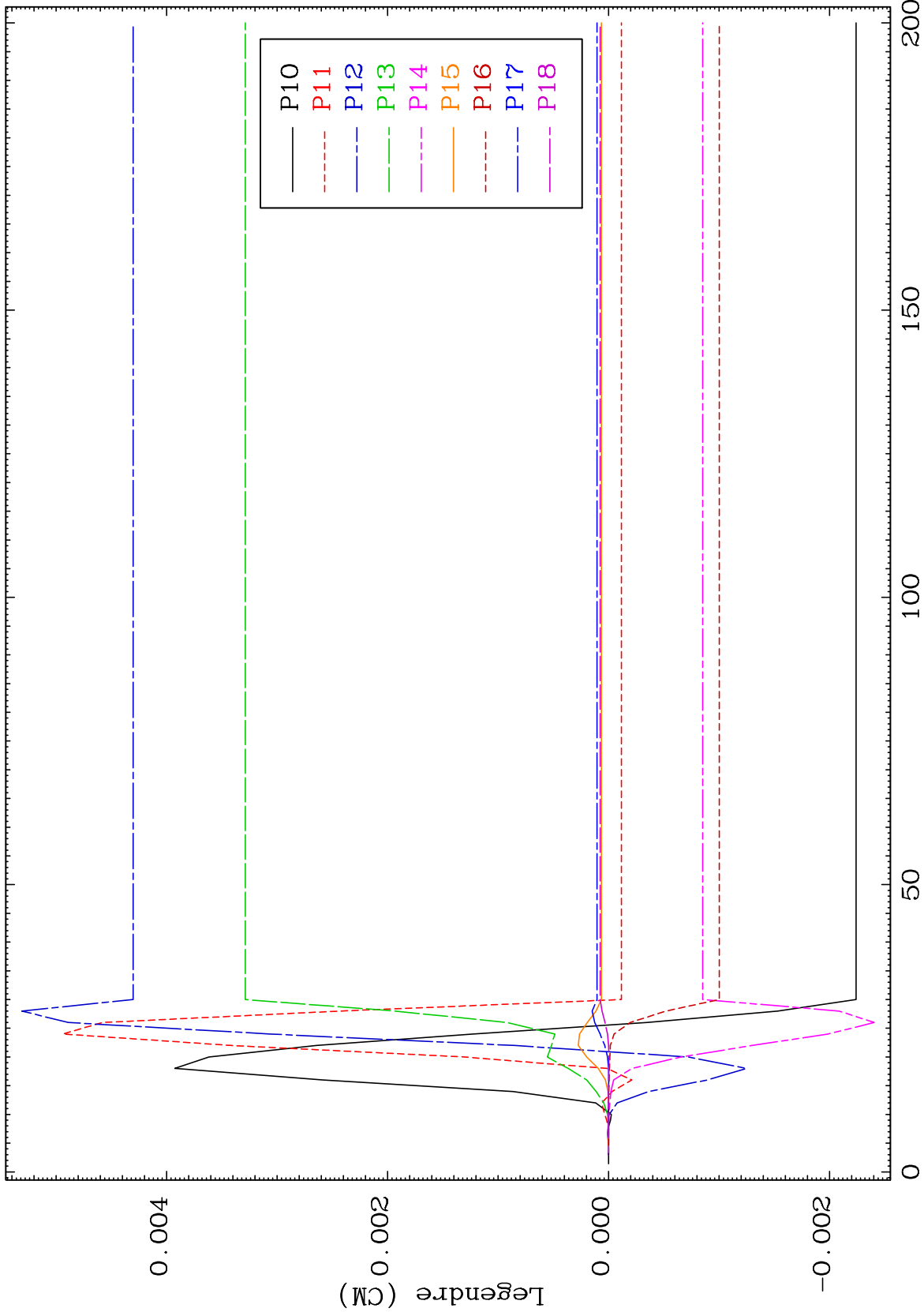
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



36

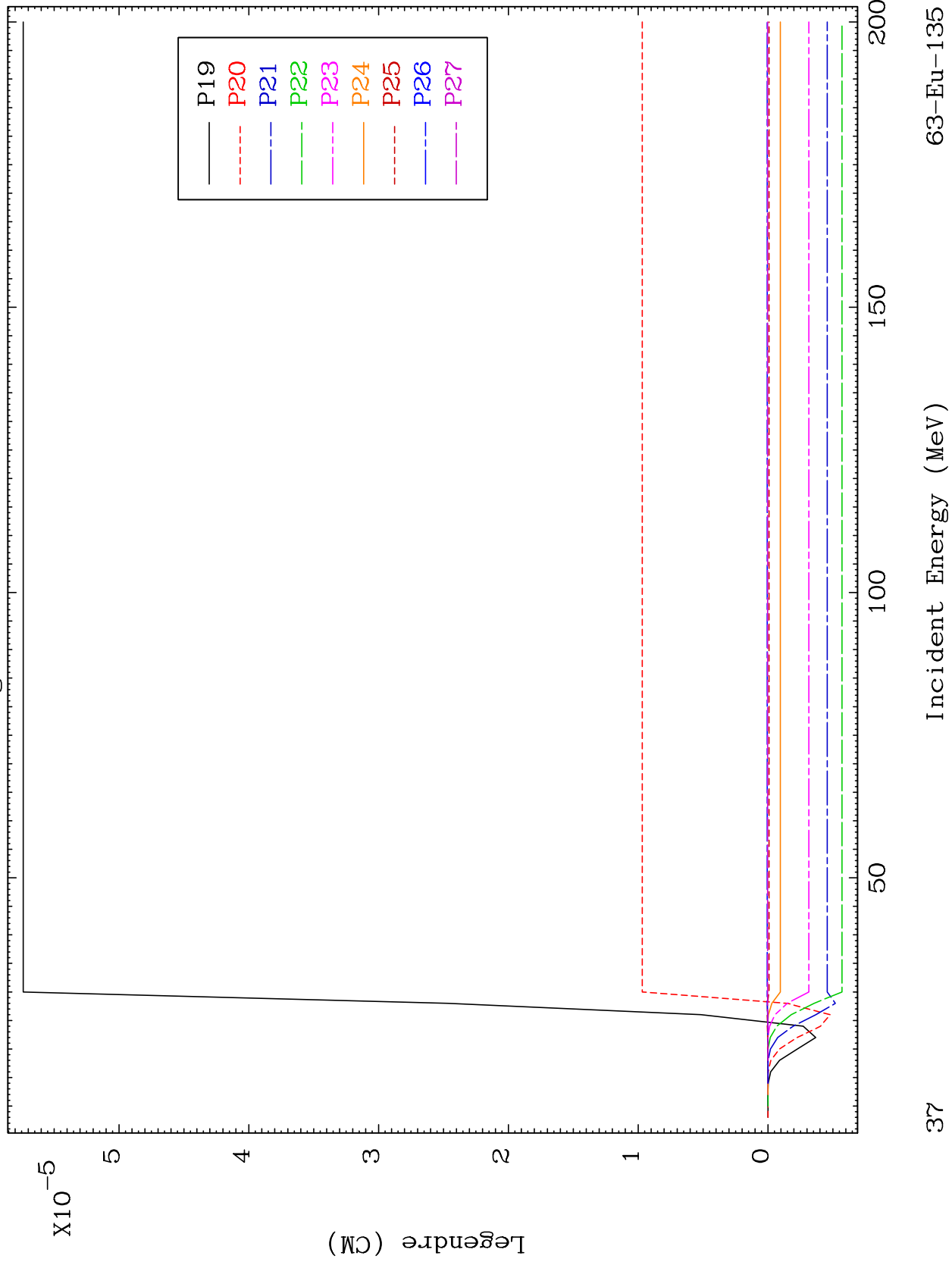
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



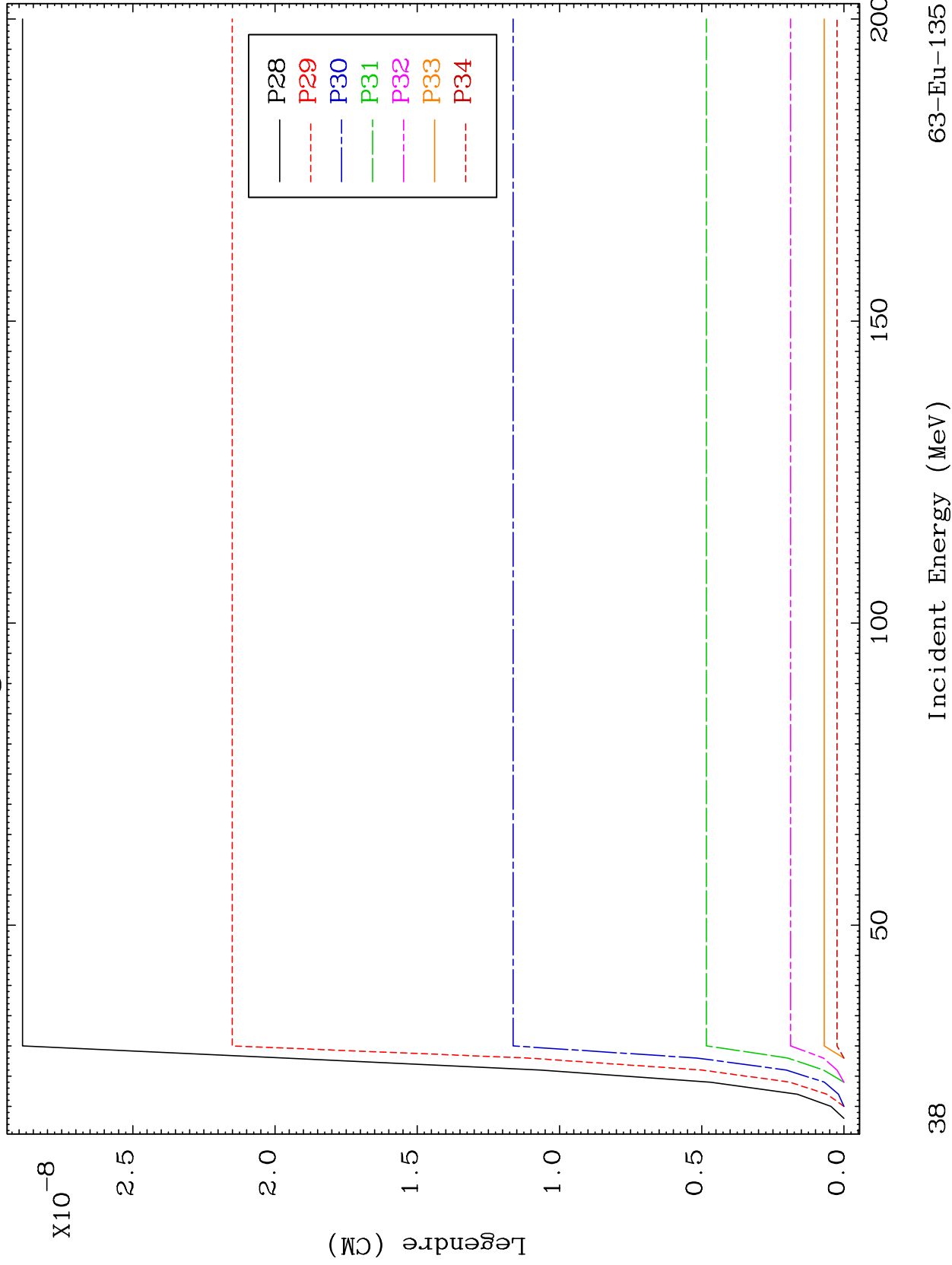
37

63-Eu-135

MAT 6277

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

63-Eu-135



38

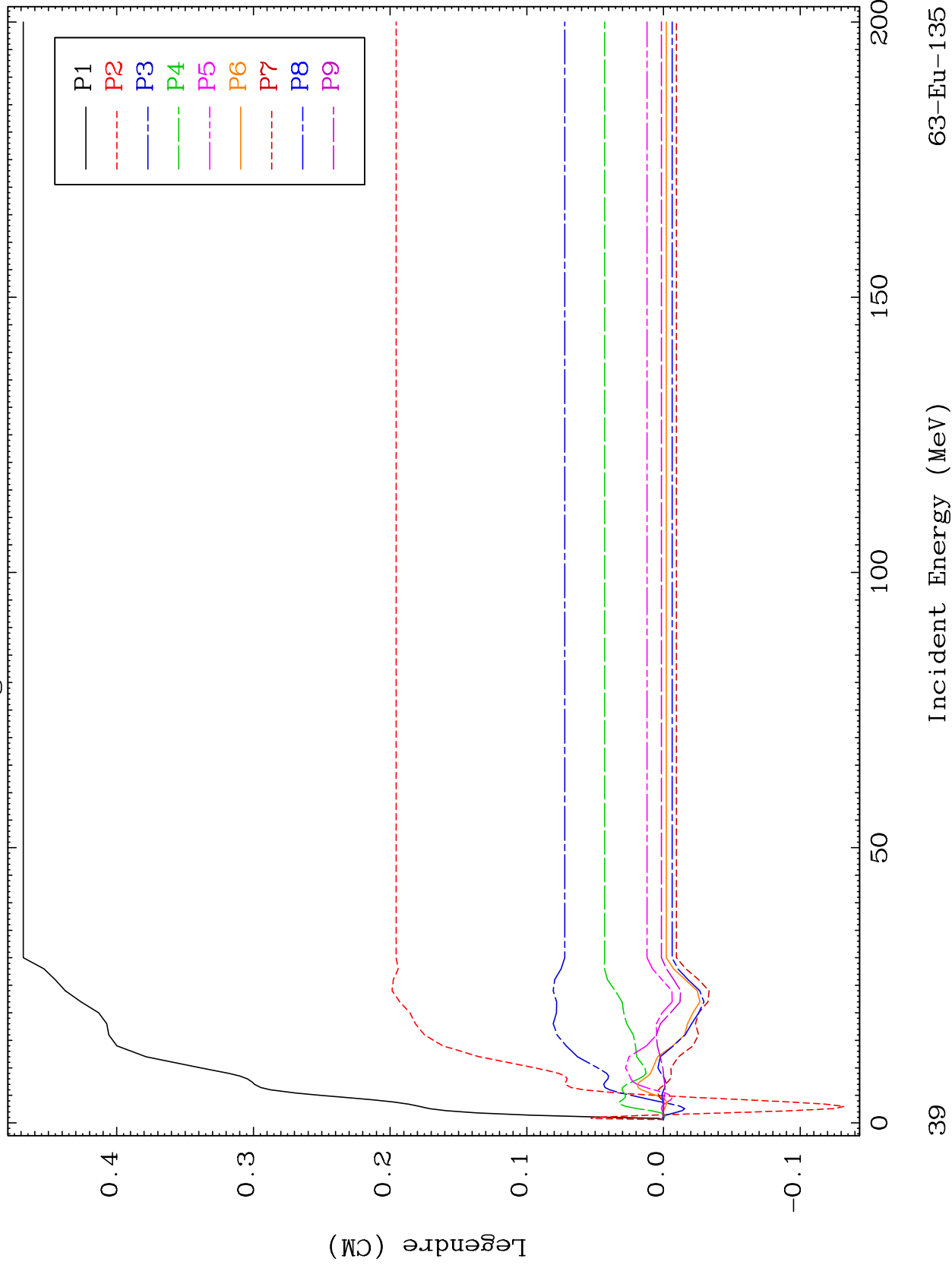
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



63-Eu-135

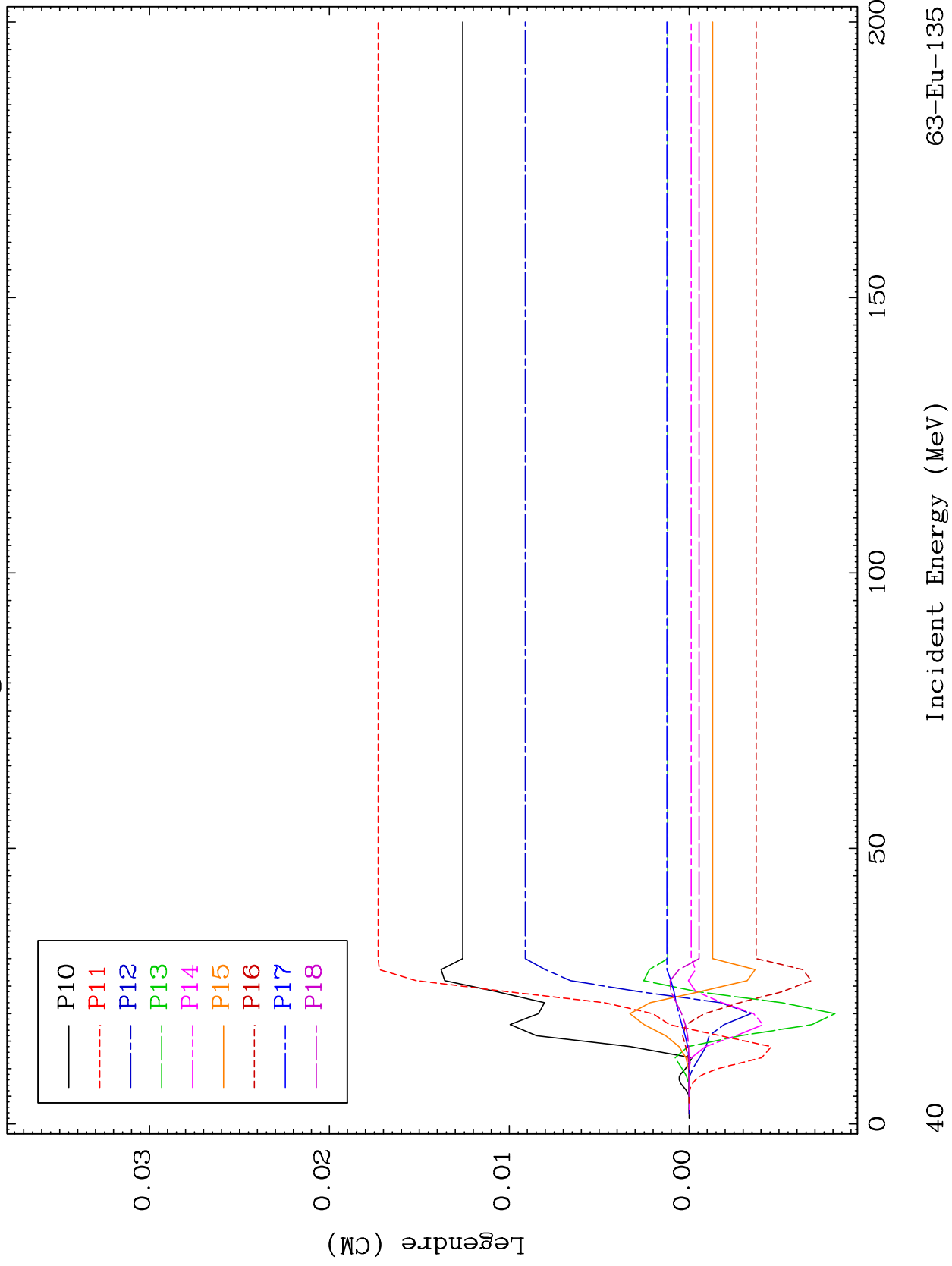
Incident Energy (MeV)

39

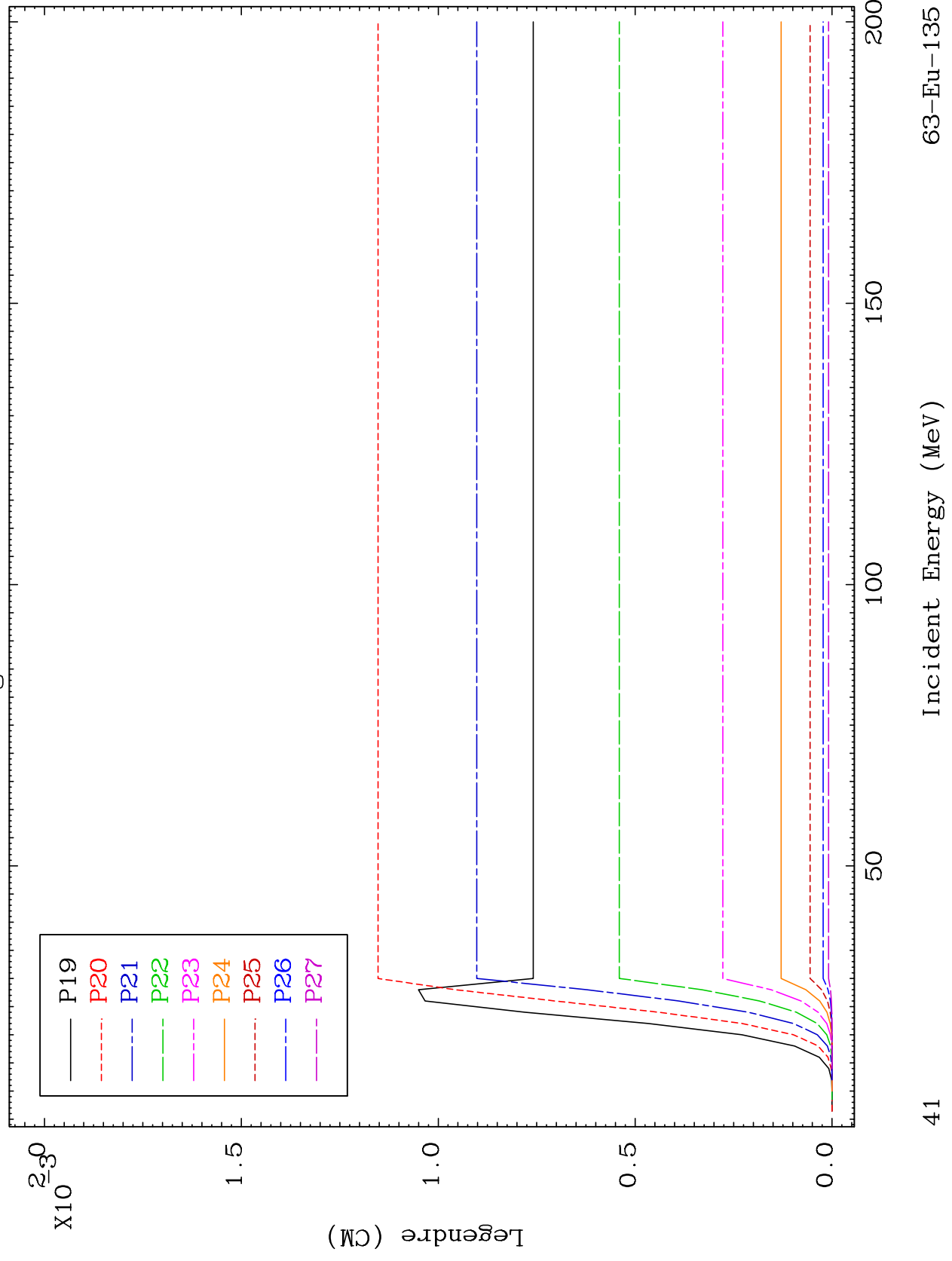
MAT 6277

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

63-Eu-135



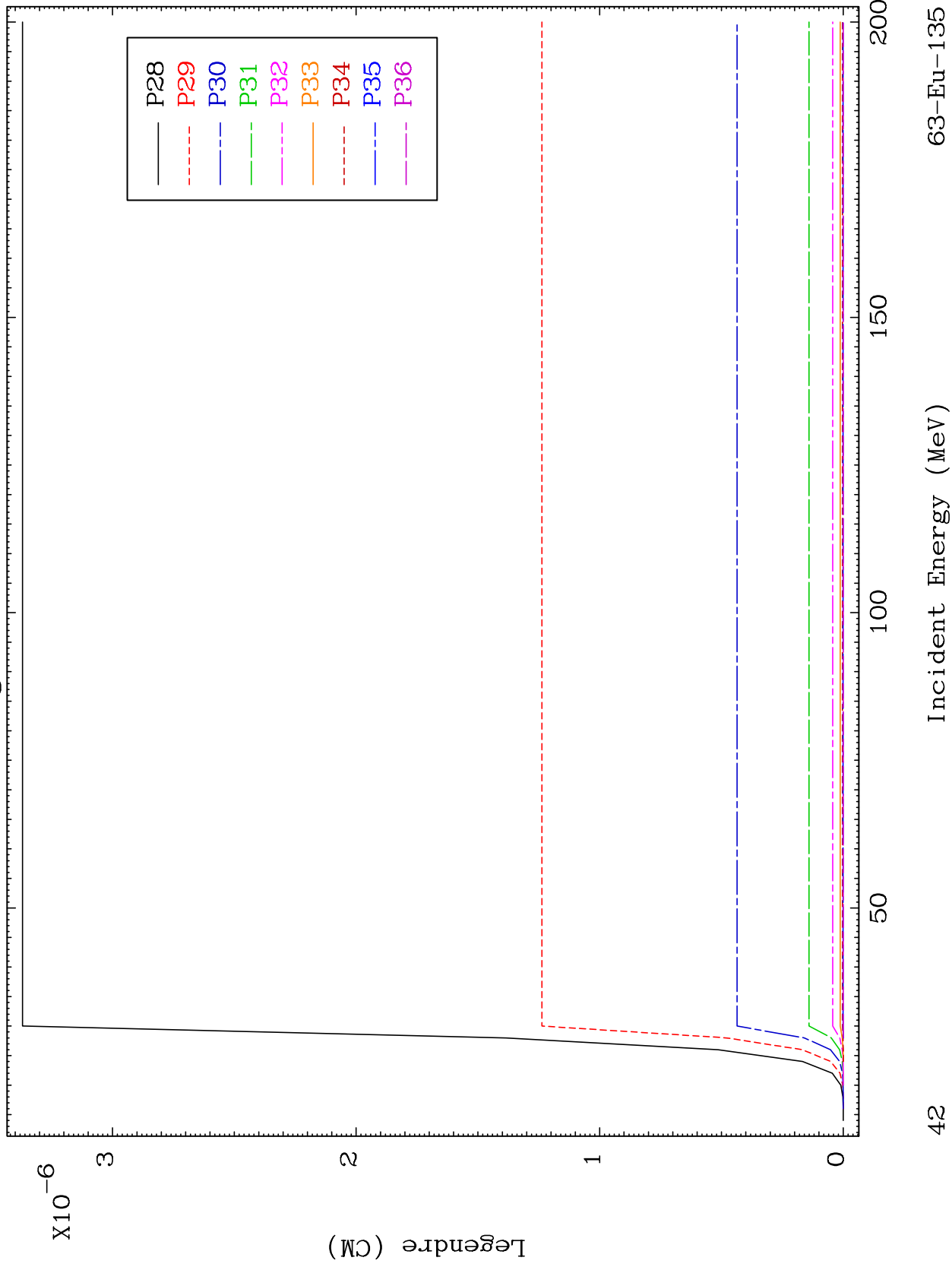
63-Eu-135



MAT 6277

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

63-Eu-135



42

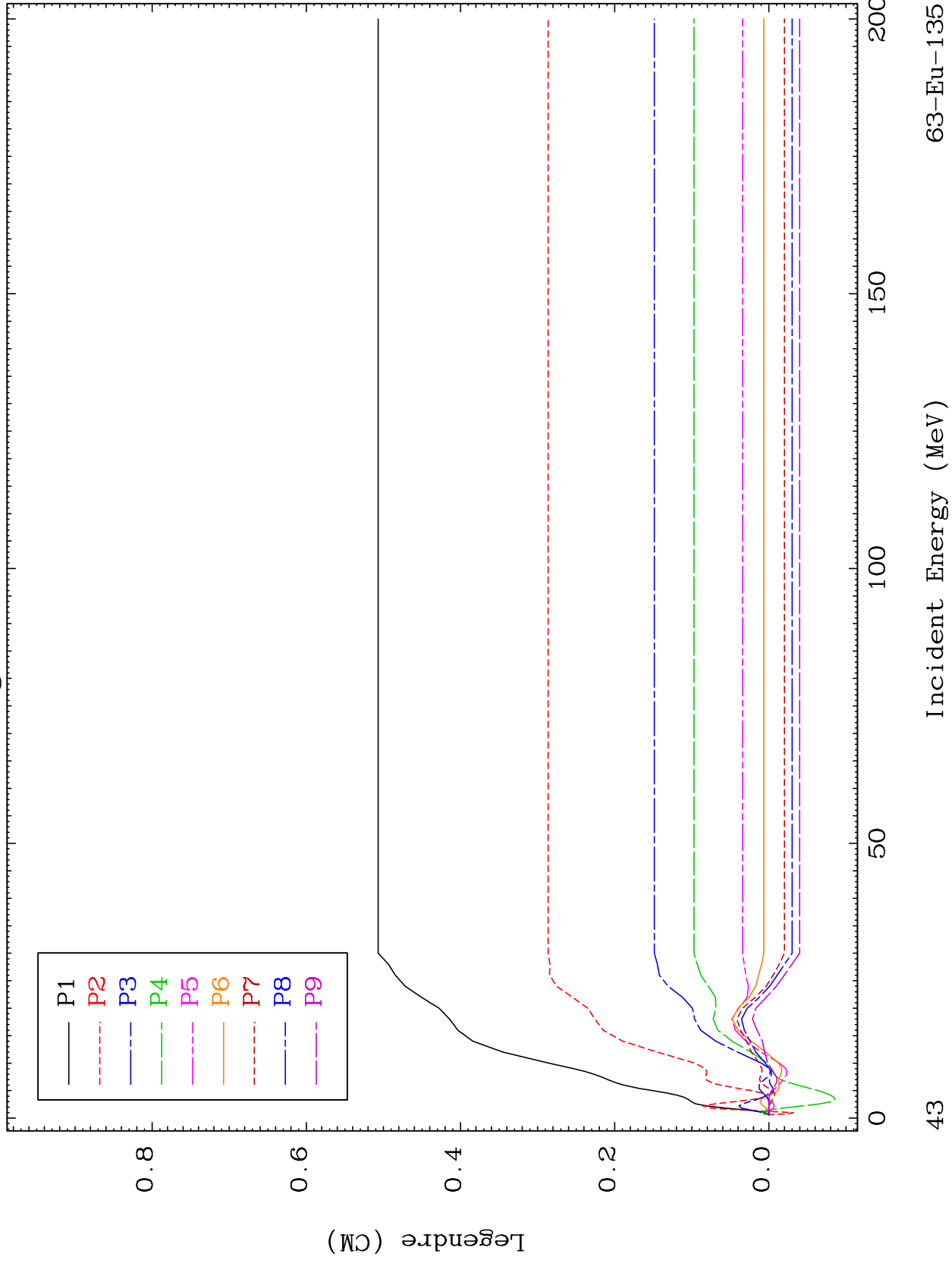
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

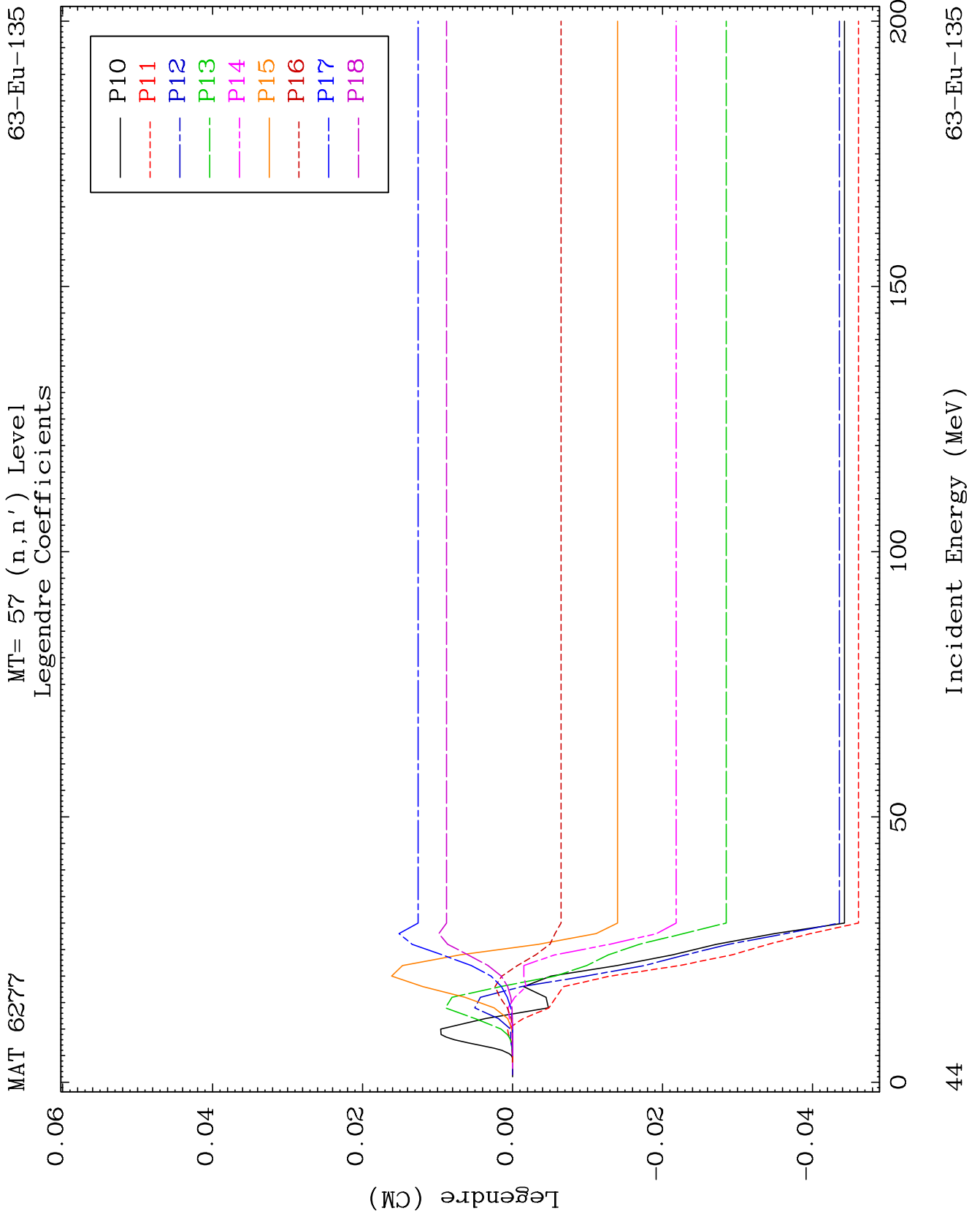
63-Eu-135



63-Eu-135

Incident Energy (MeV)

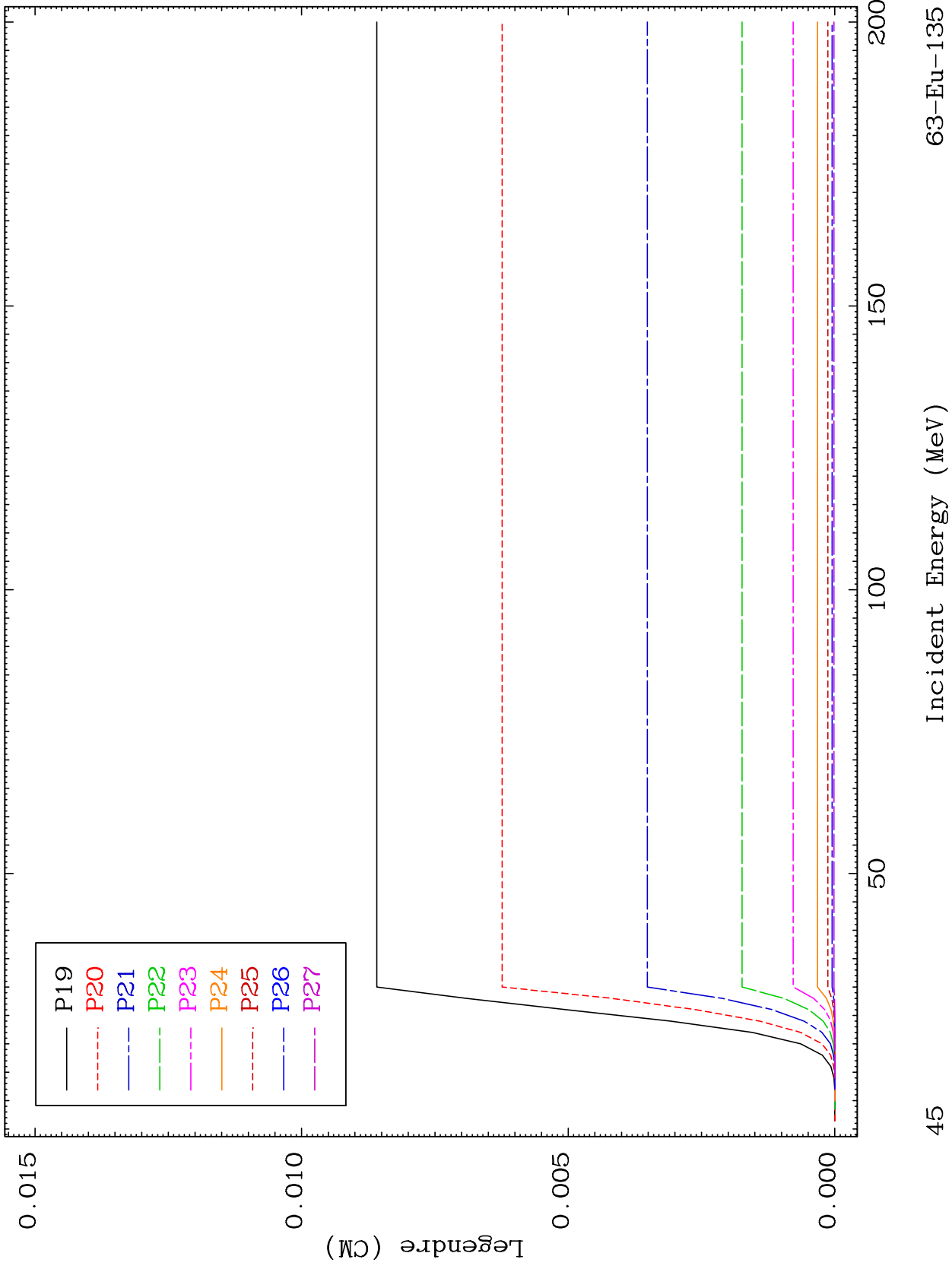
43



MAT 6277

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

63-Eu-135



45

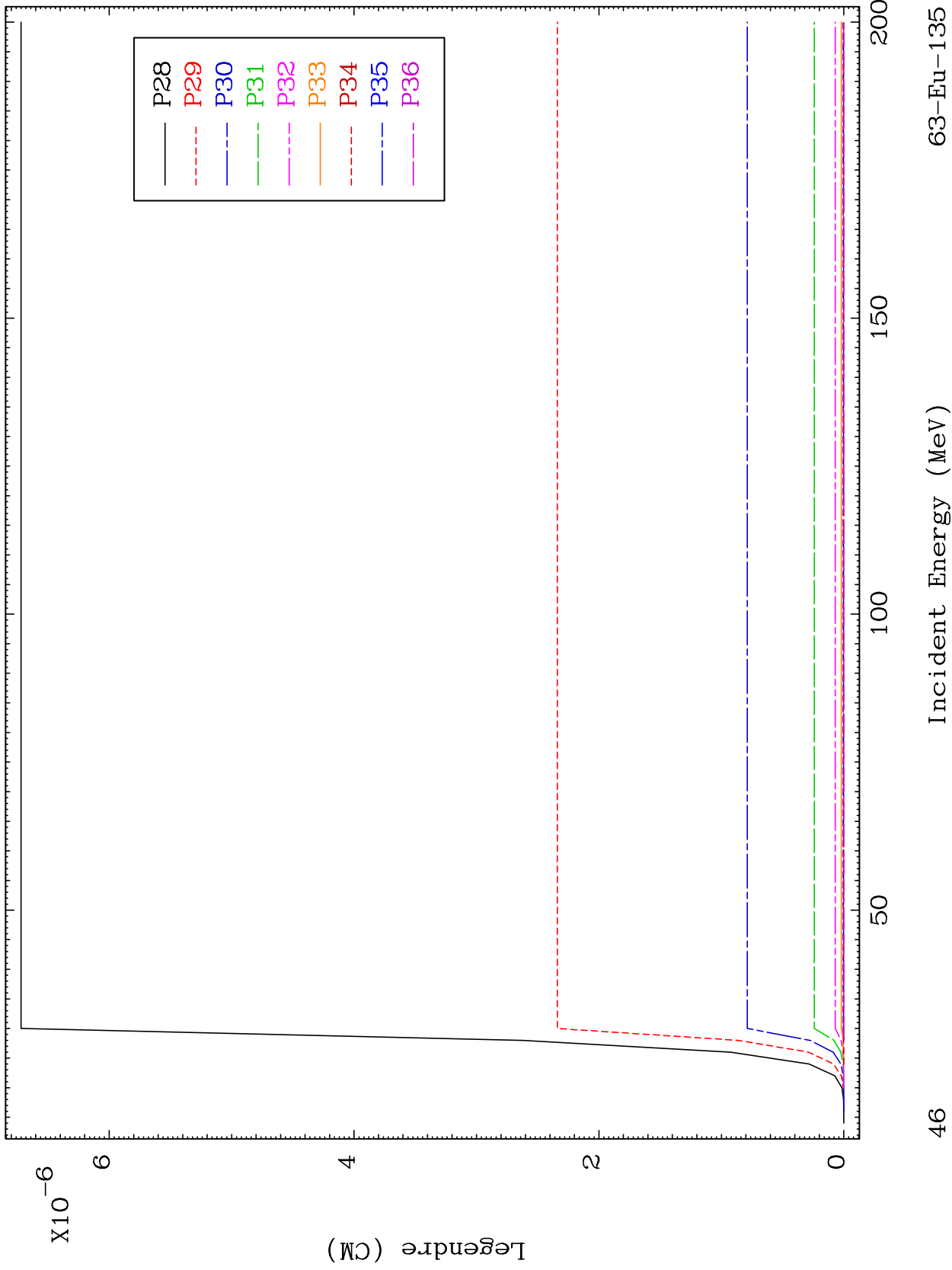
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



46

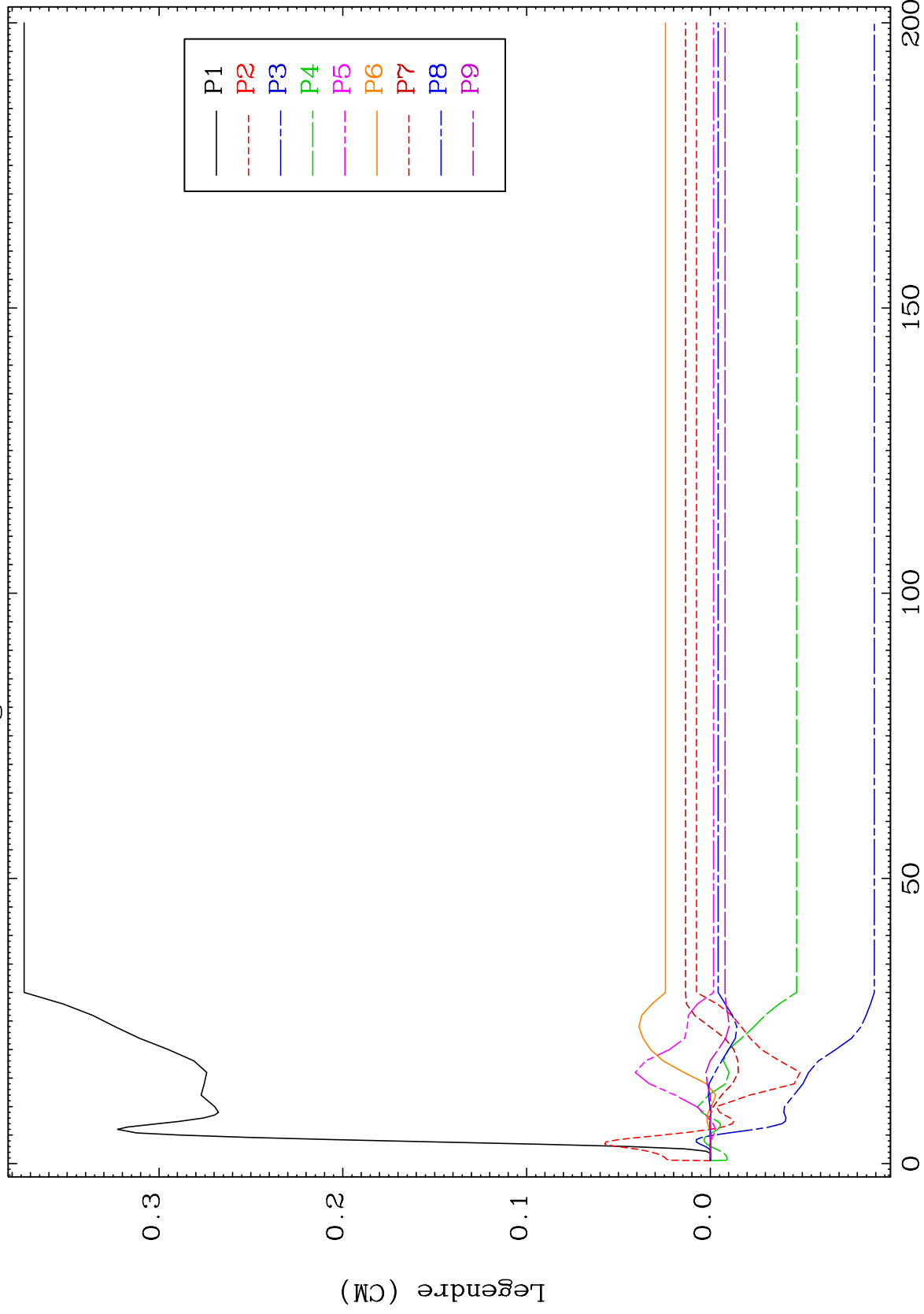
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



47

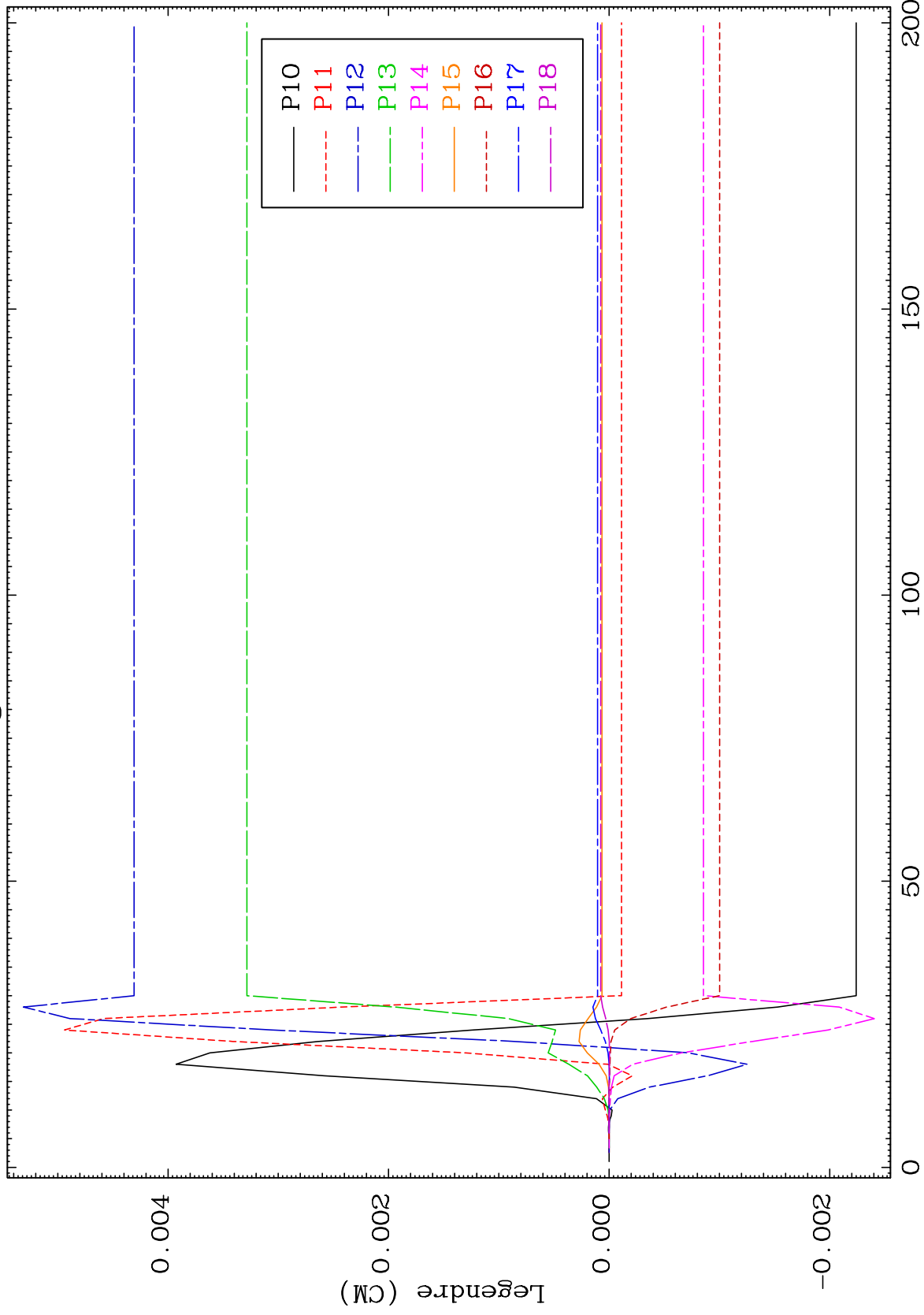
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



48

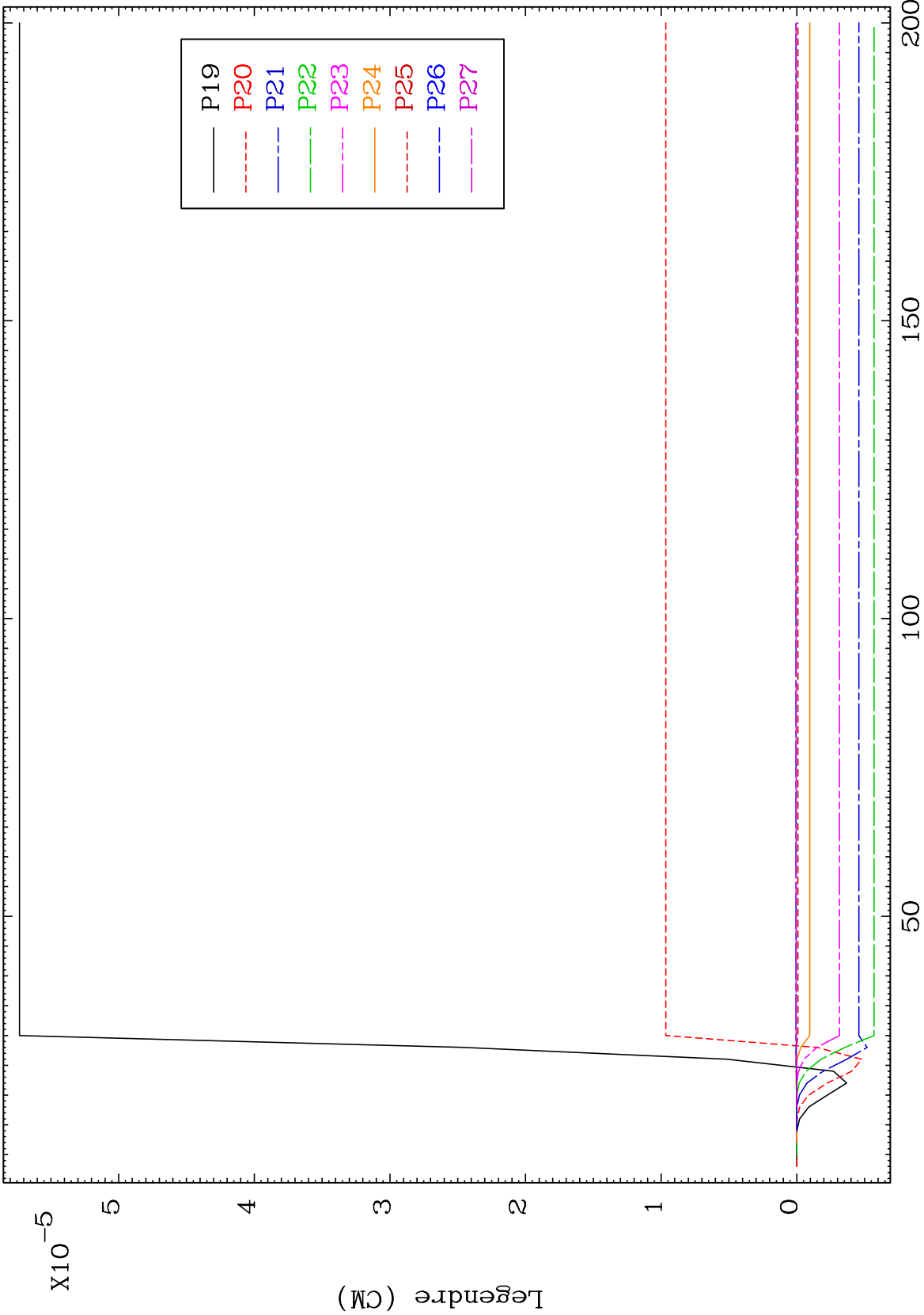
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



49

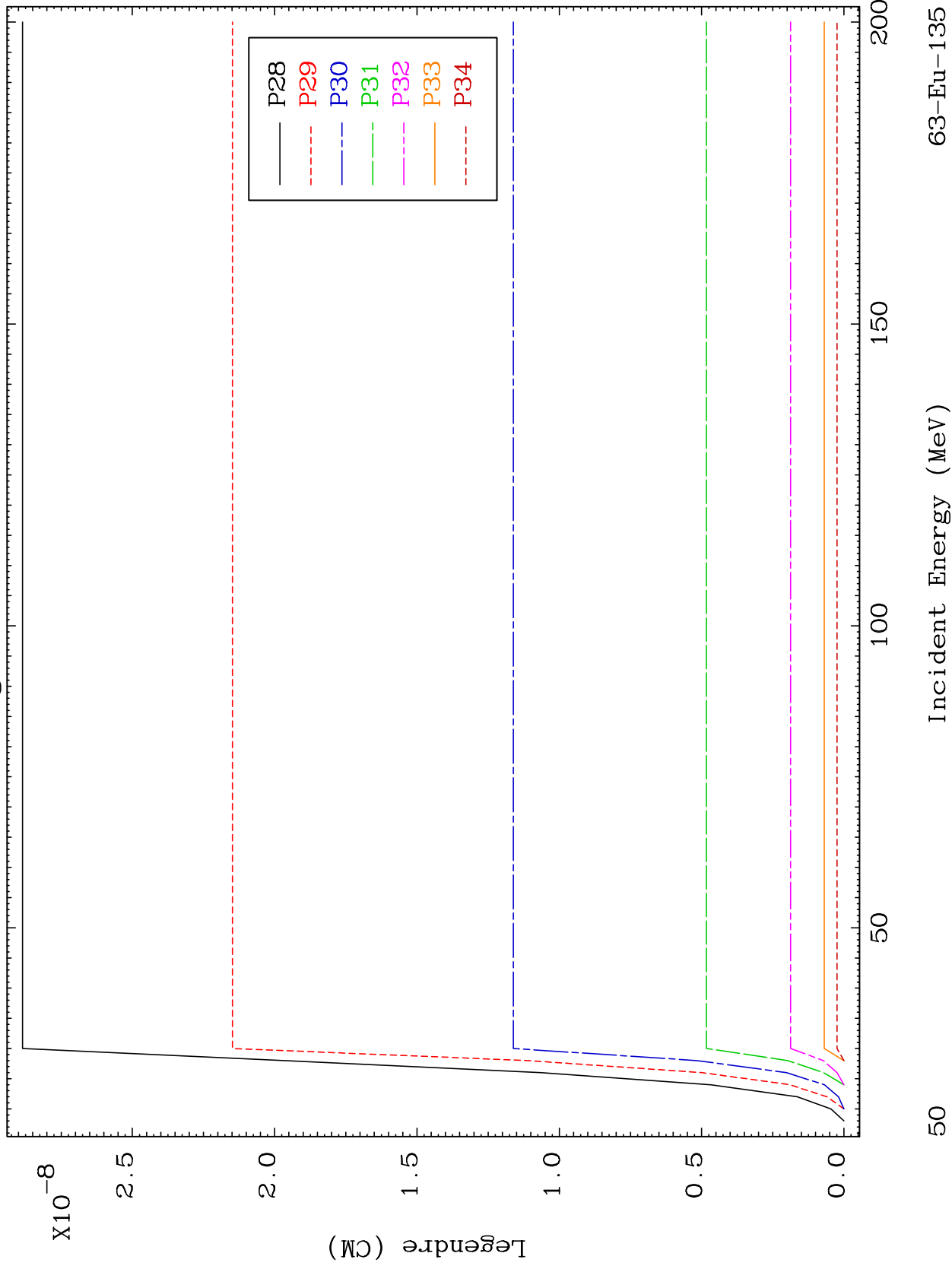
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135

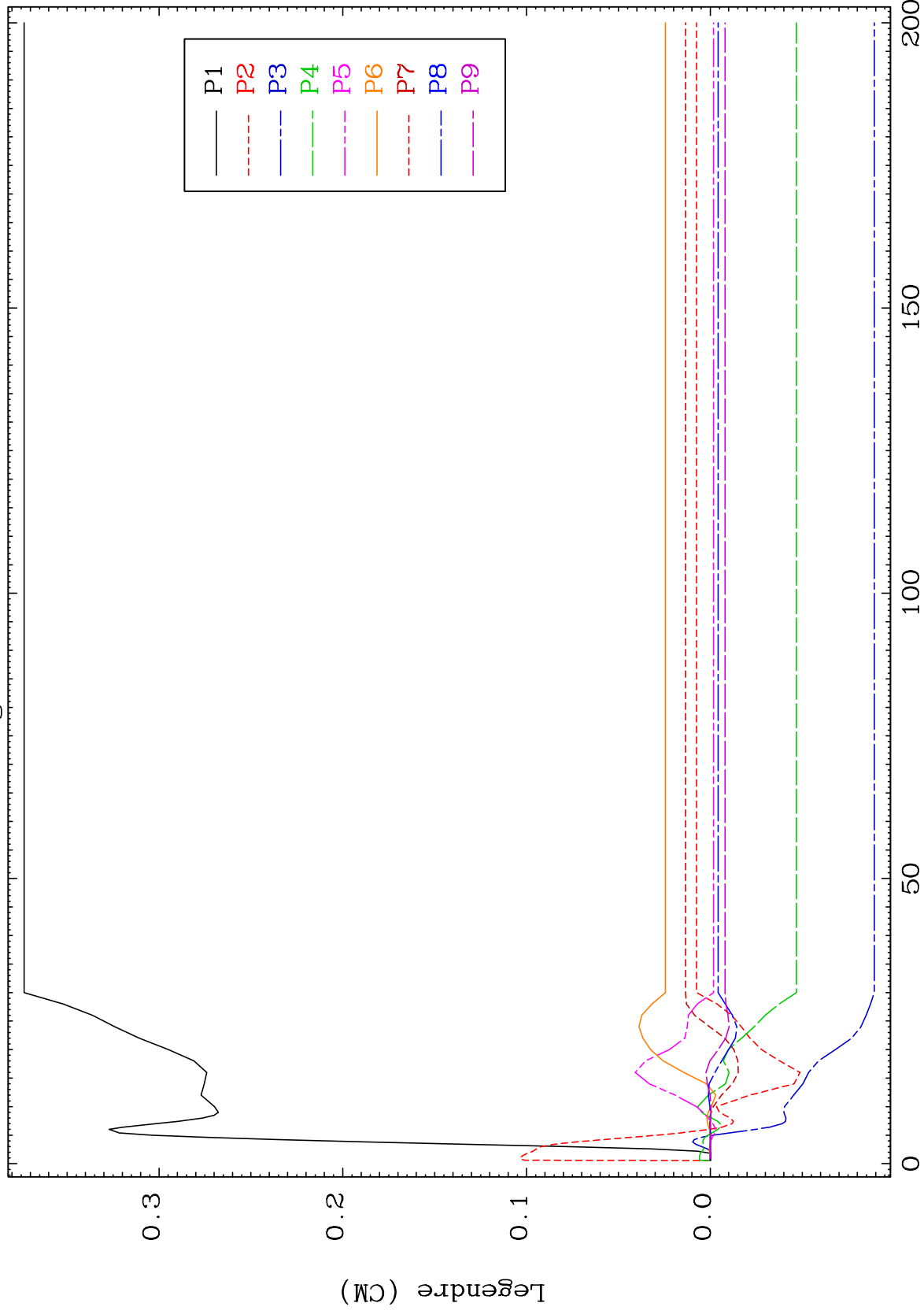


63-Eu-135

MAT 6277

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

63-Eu-135



51

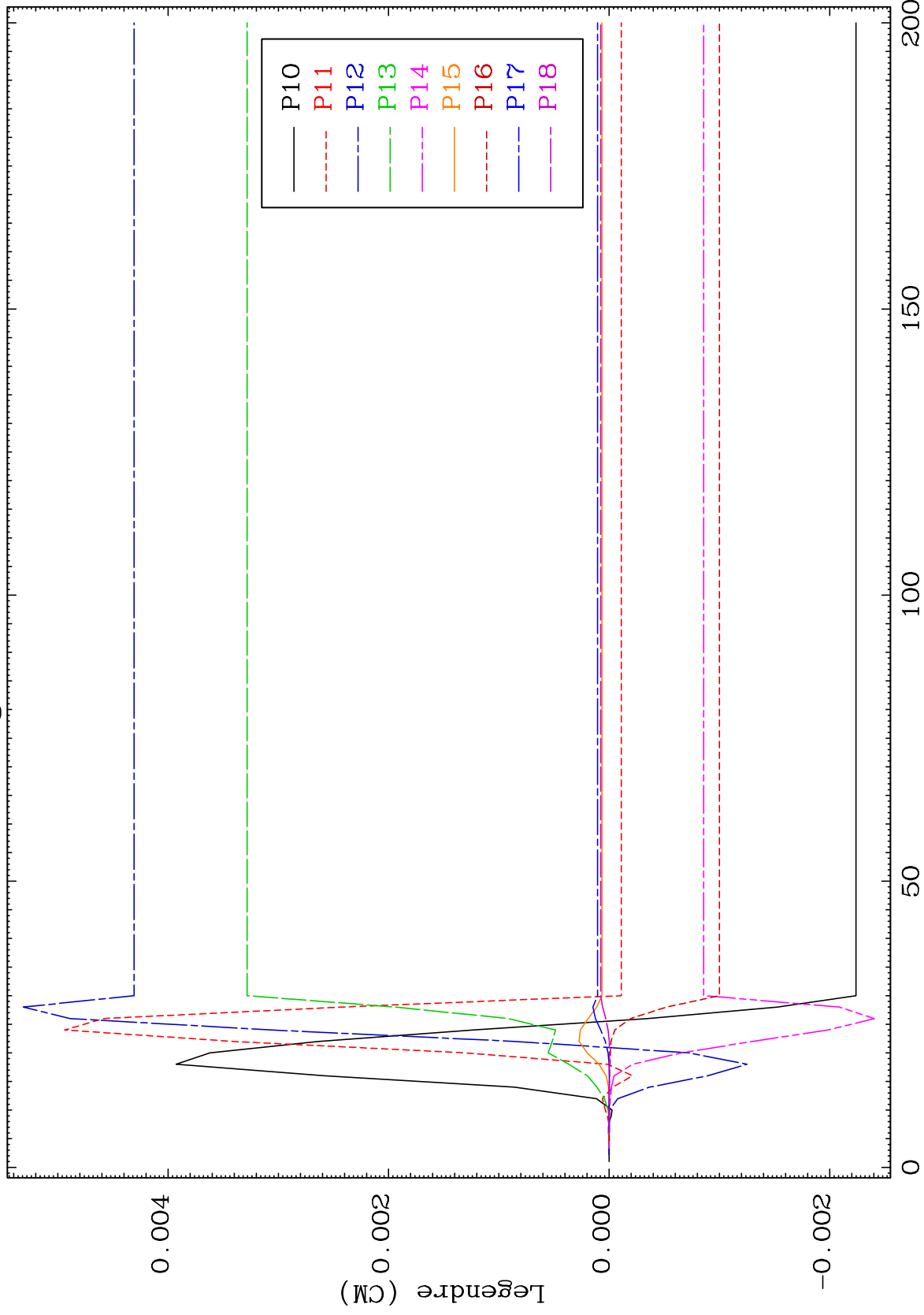
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



52

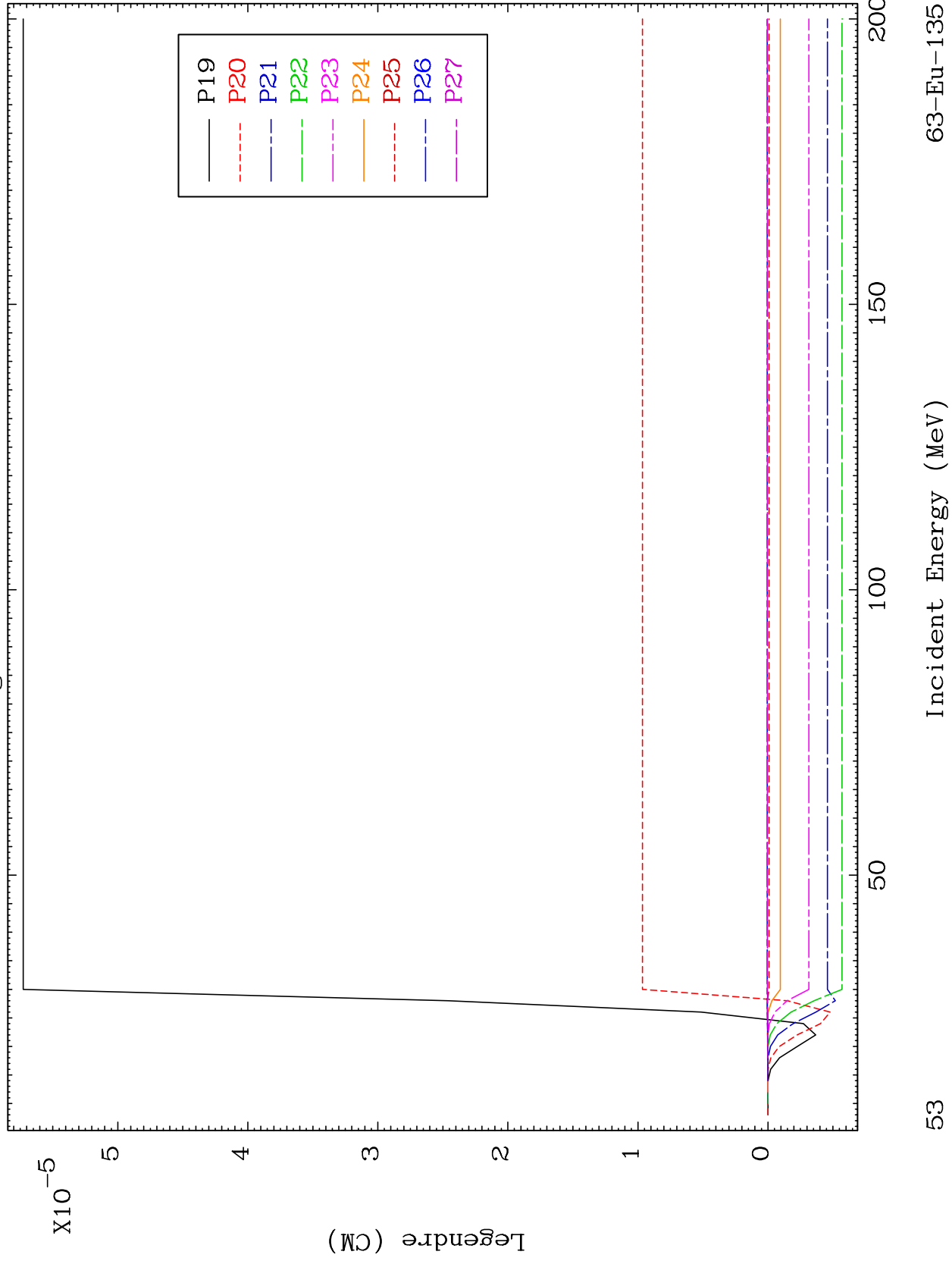
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

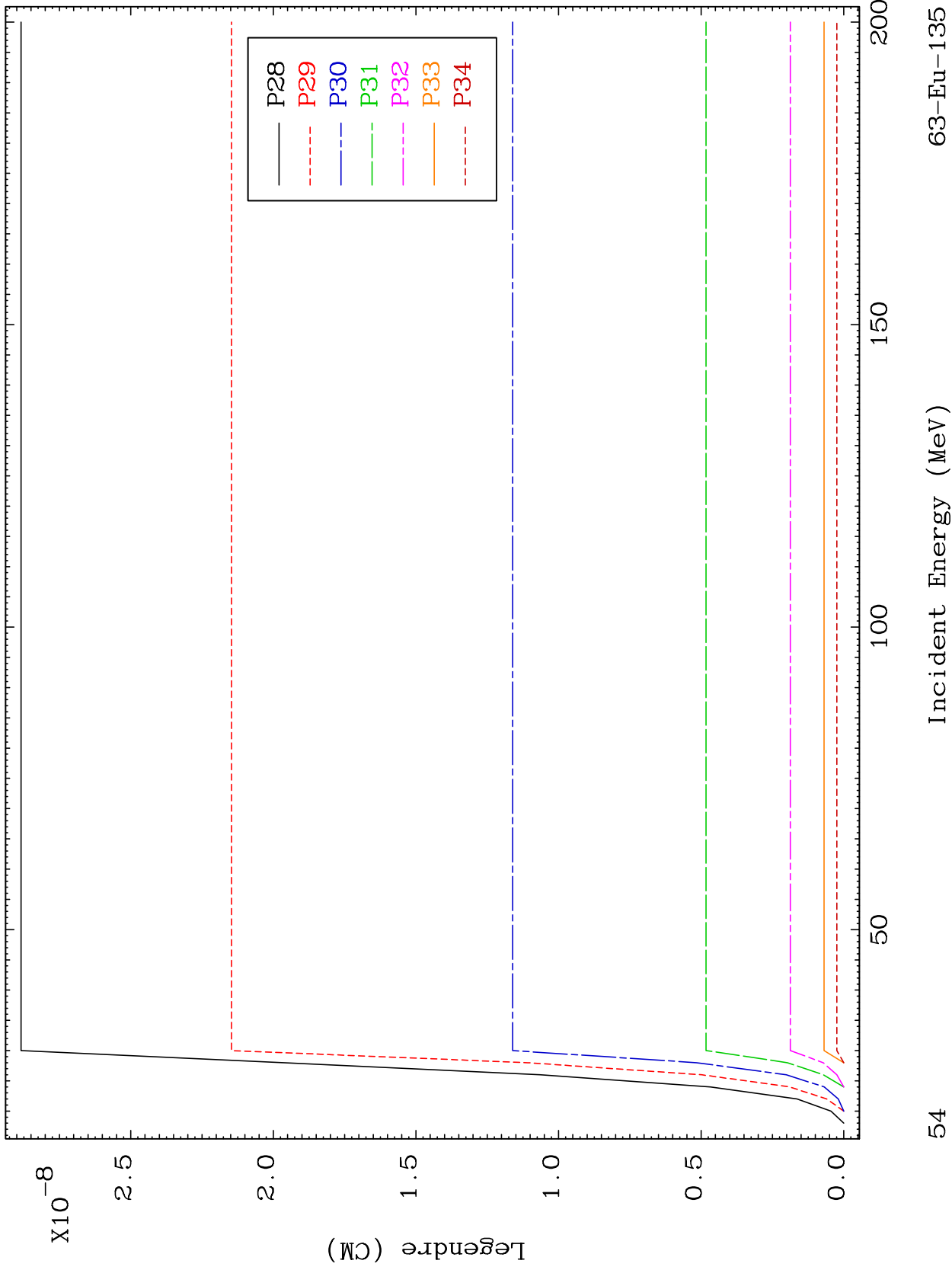
63-Eu-135



MAT 6277

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

63-Eu-135



54

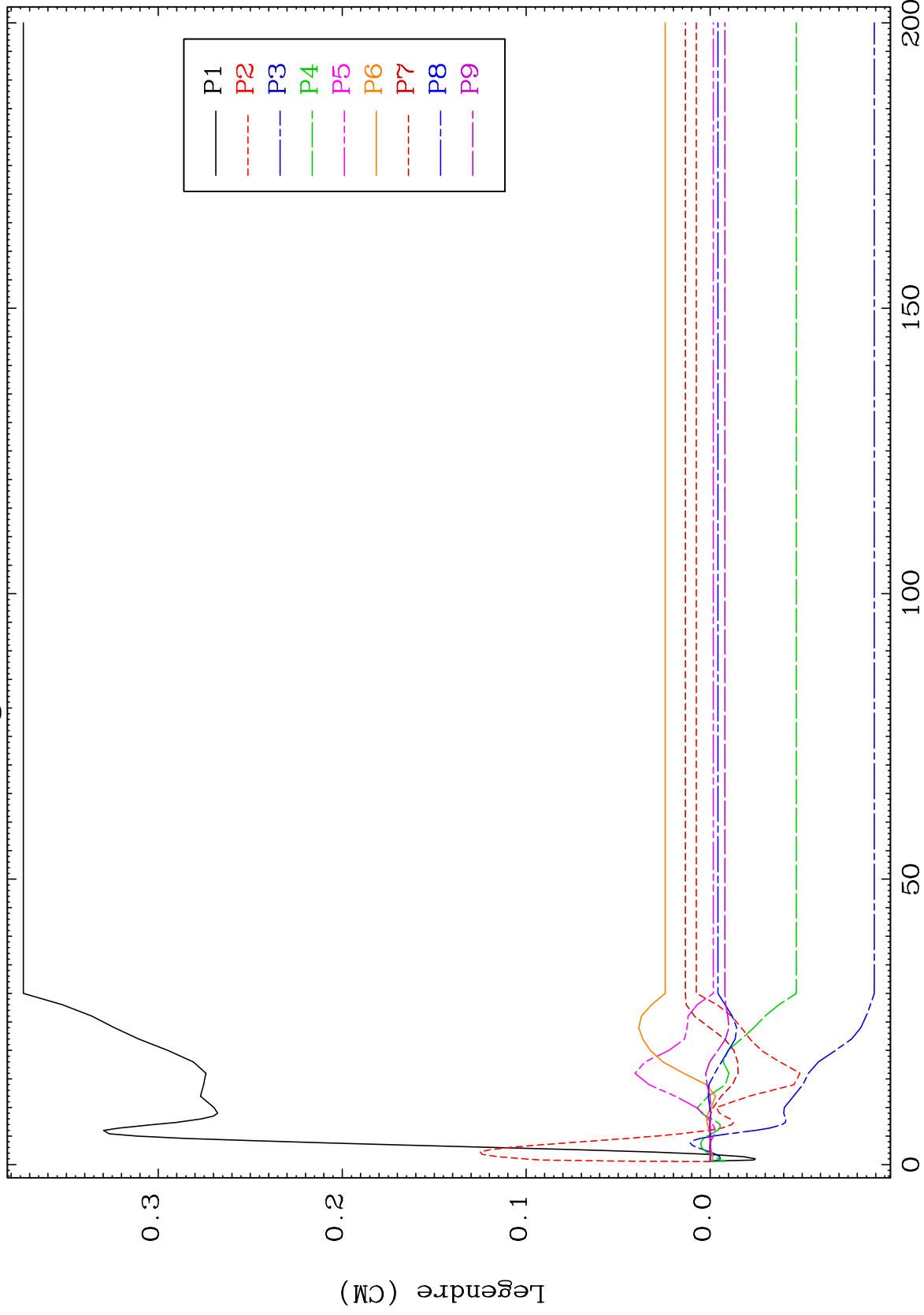
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



55

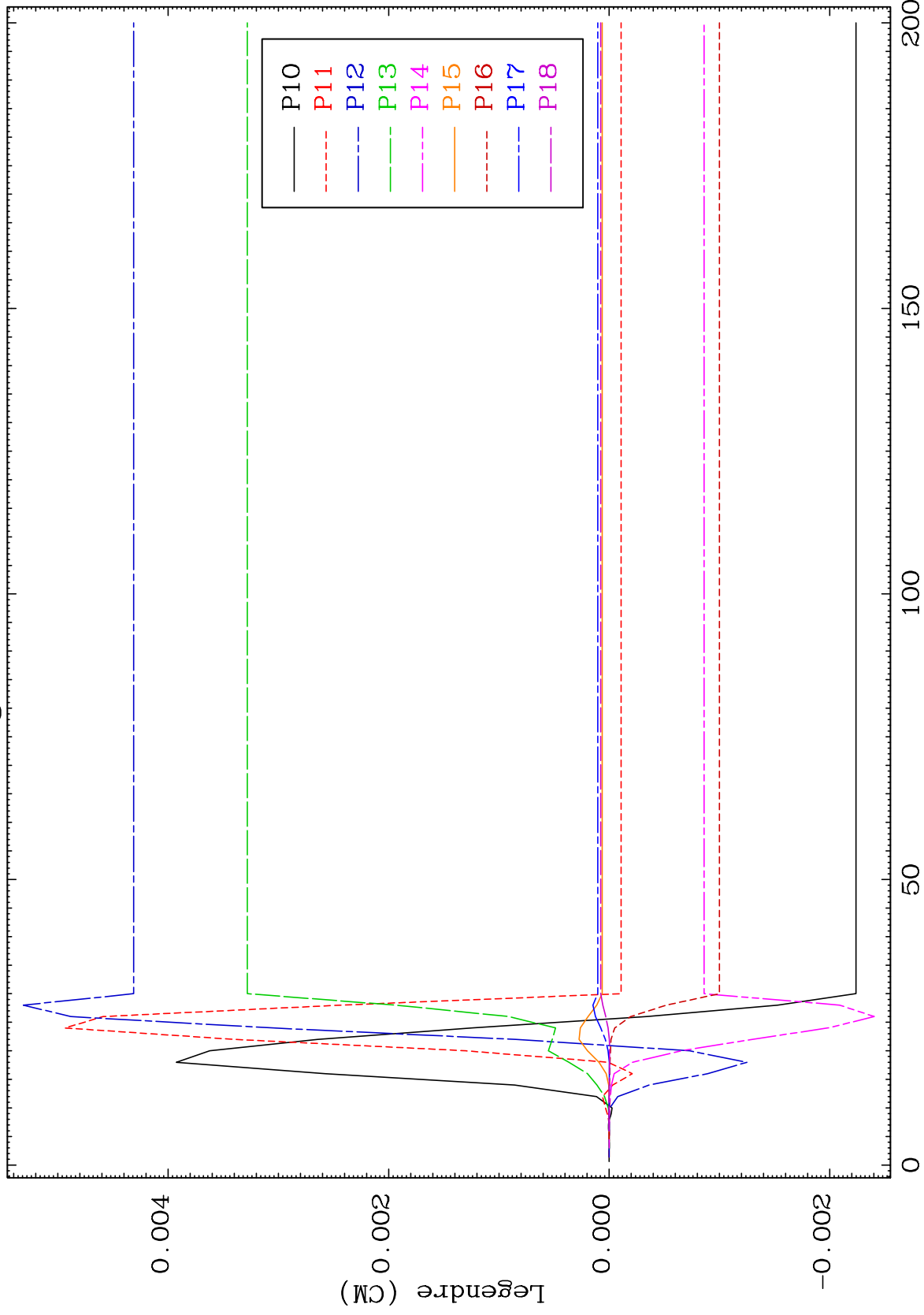
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



56

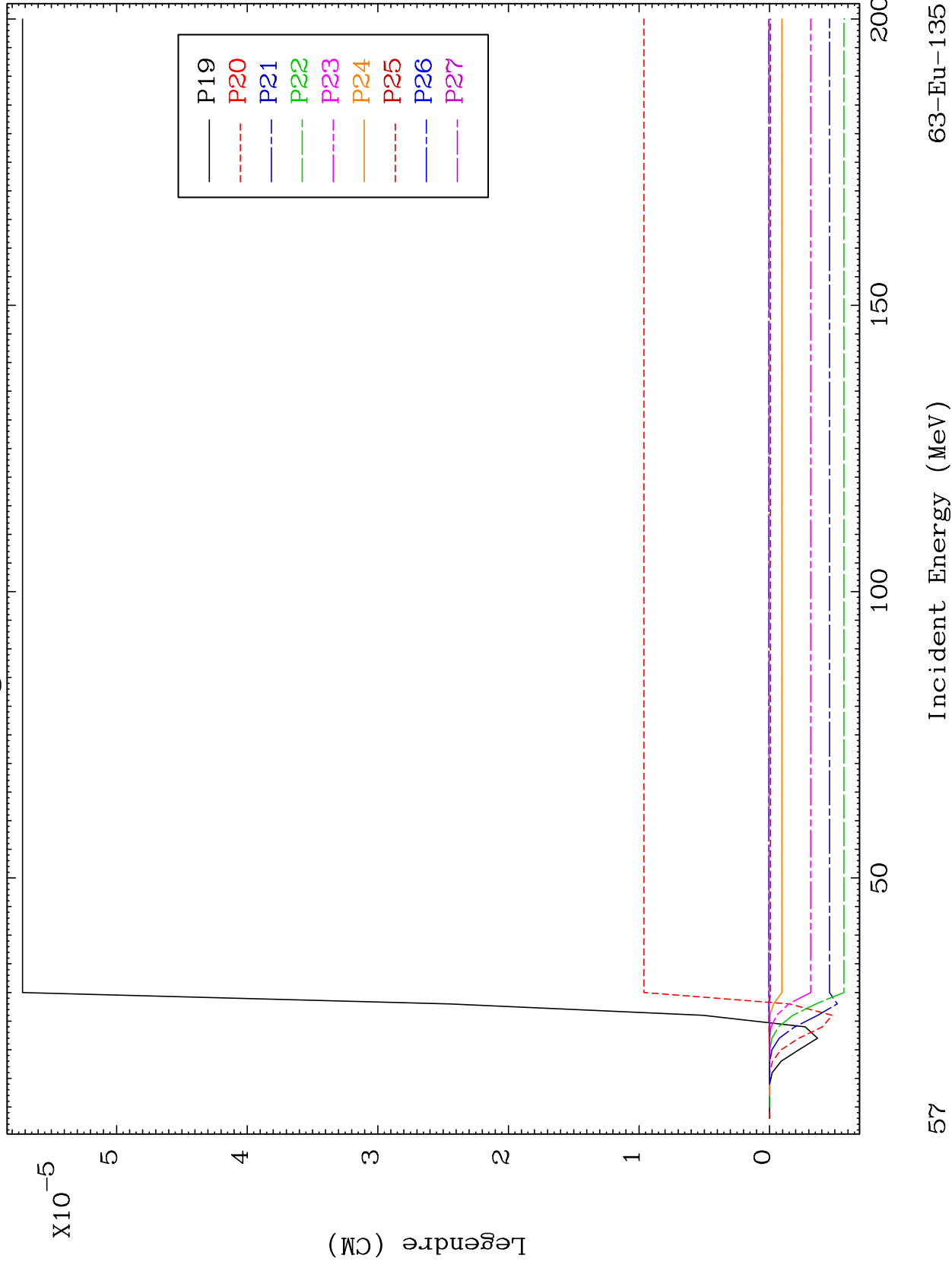
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



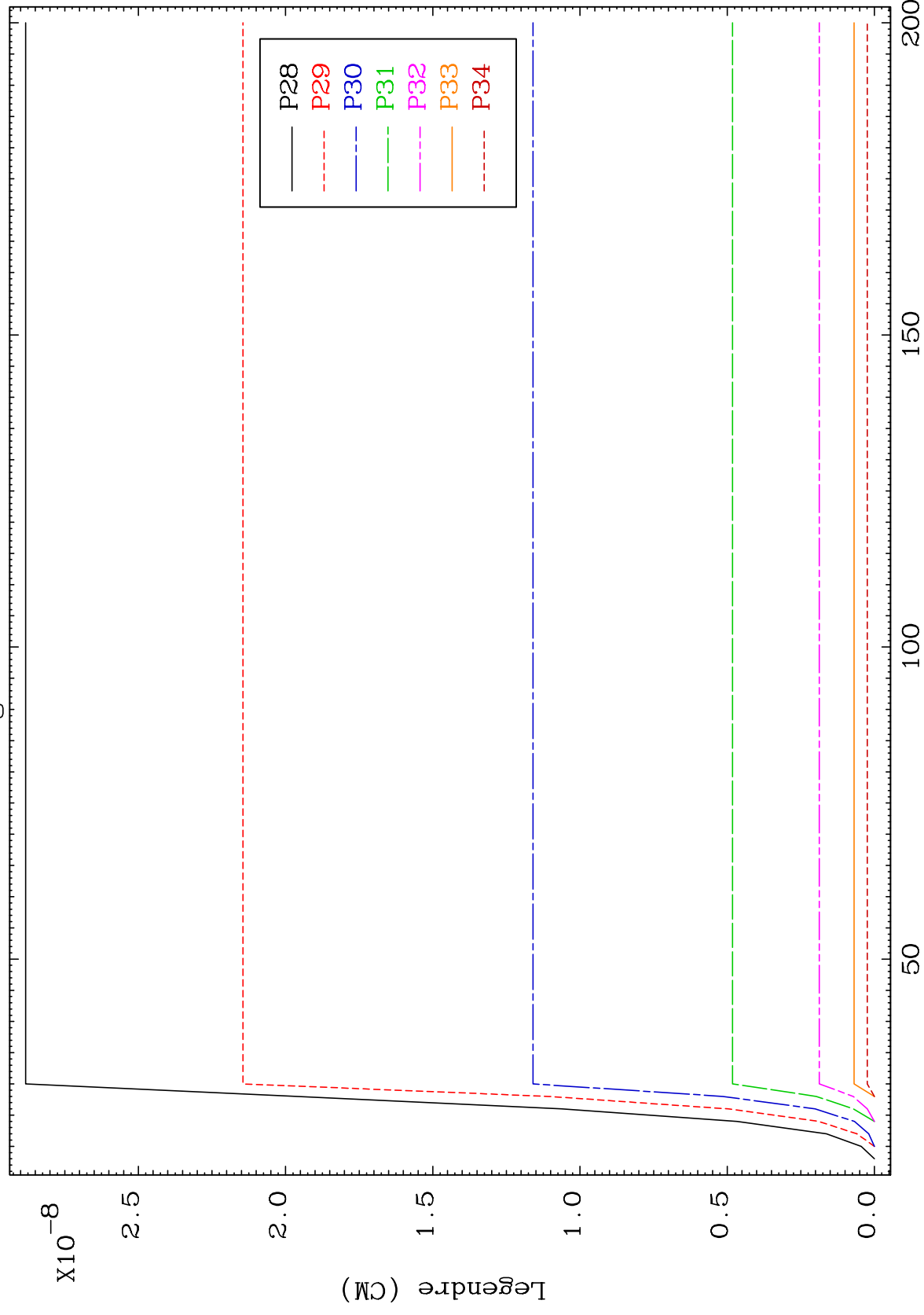
57

63-Eu-135

MAT 6277

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

63-Eu-135



58

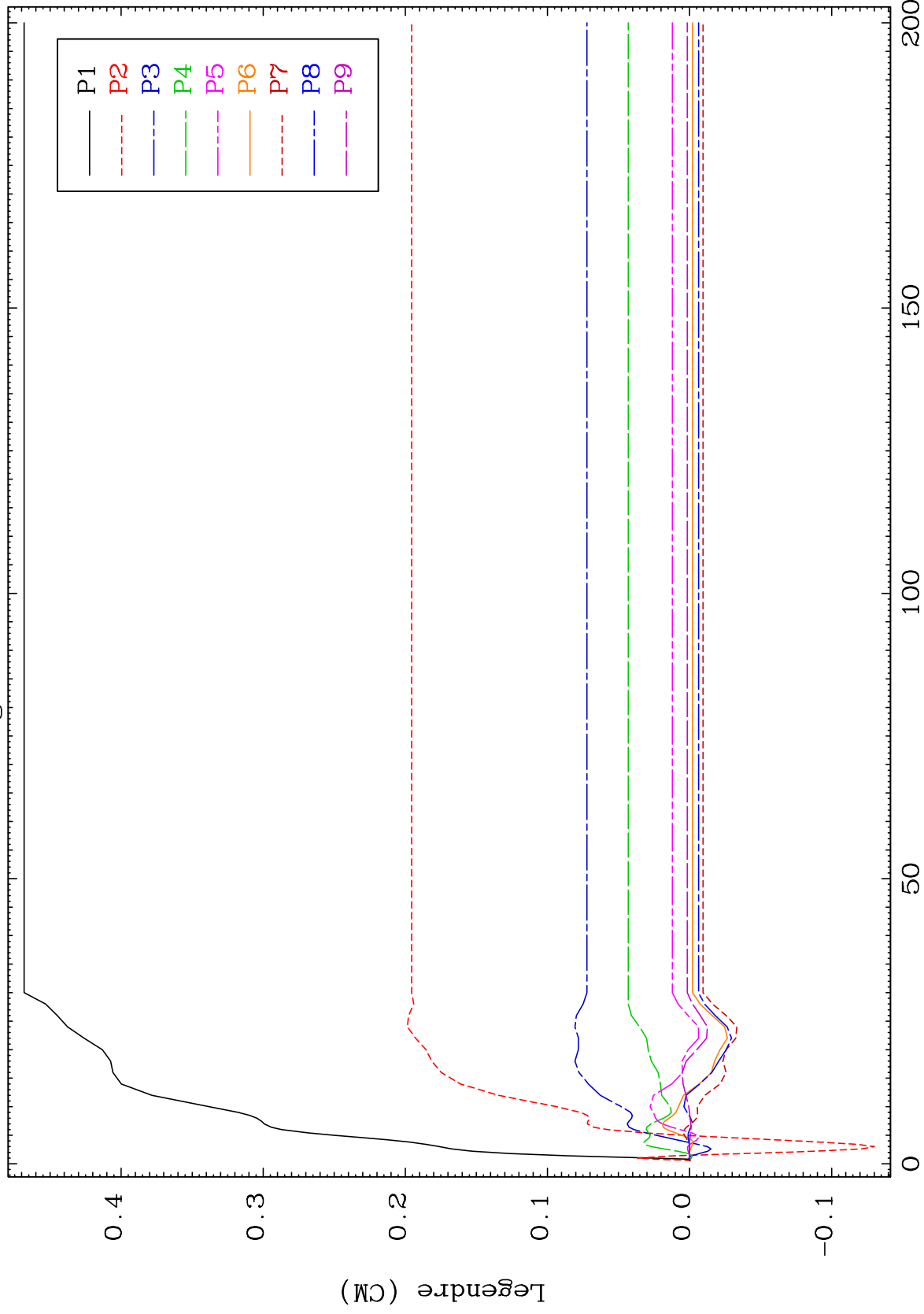
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



59

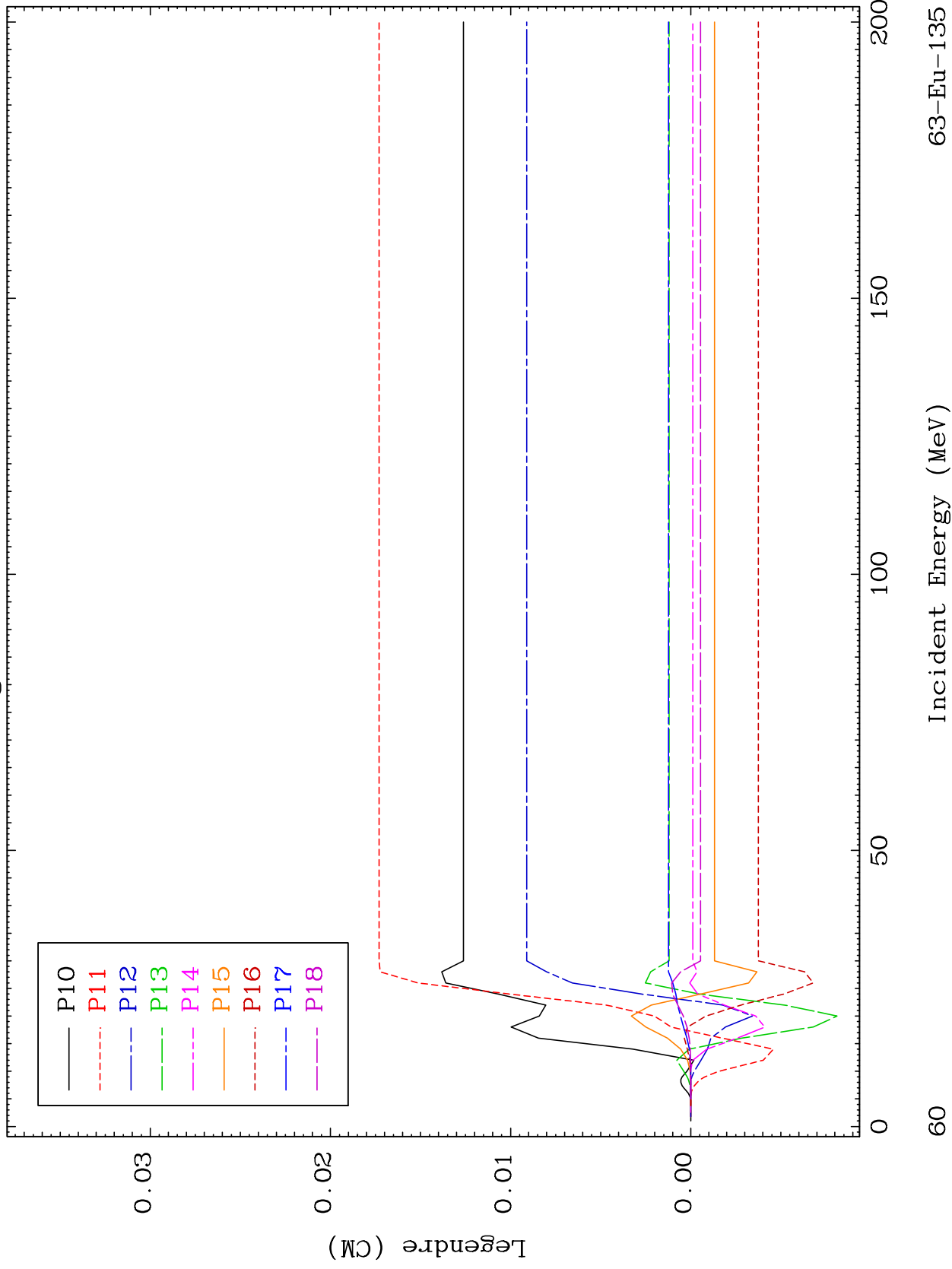
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135

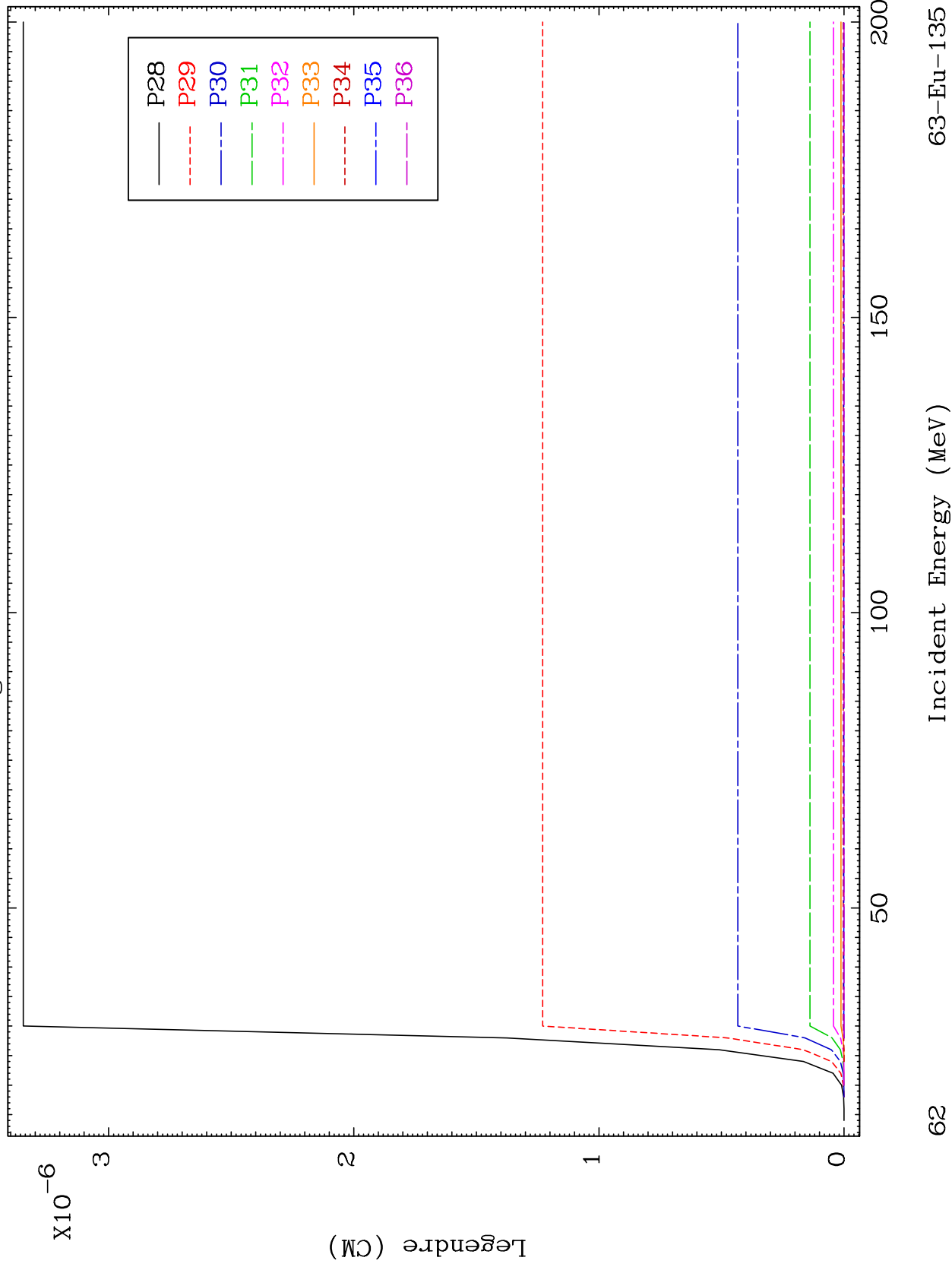


63-Eu-135

MAT 6277

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

63-Eu-135



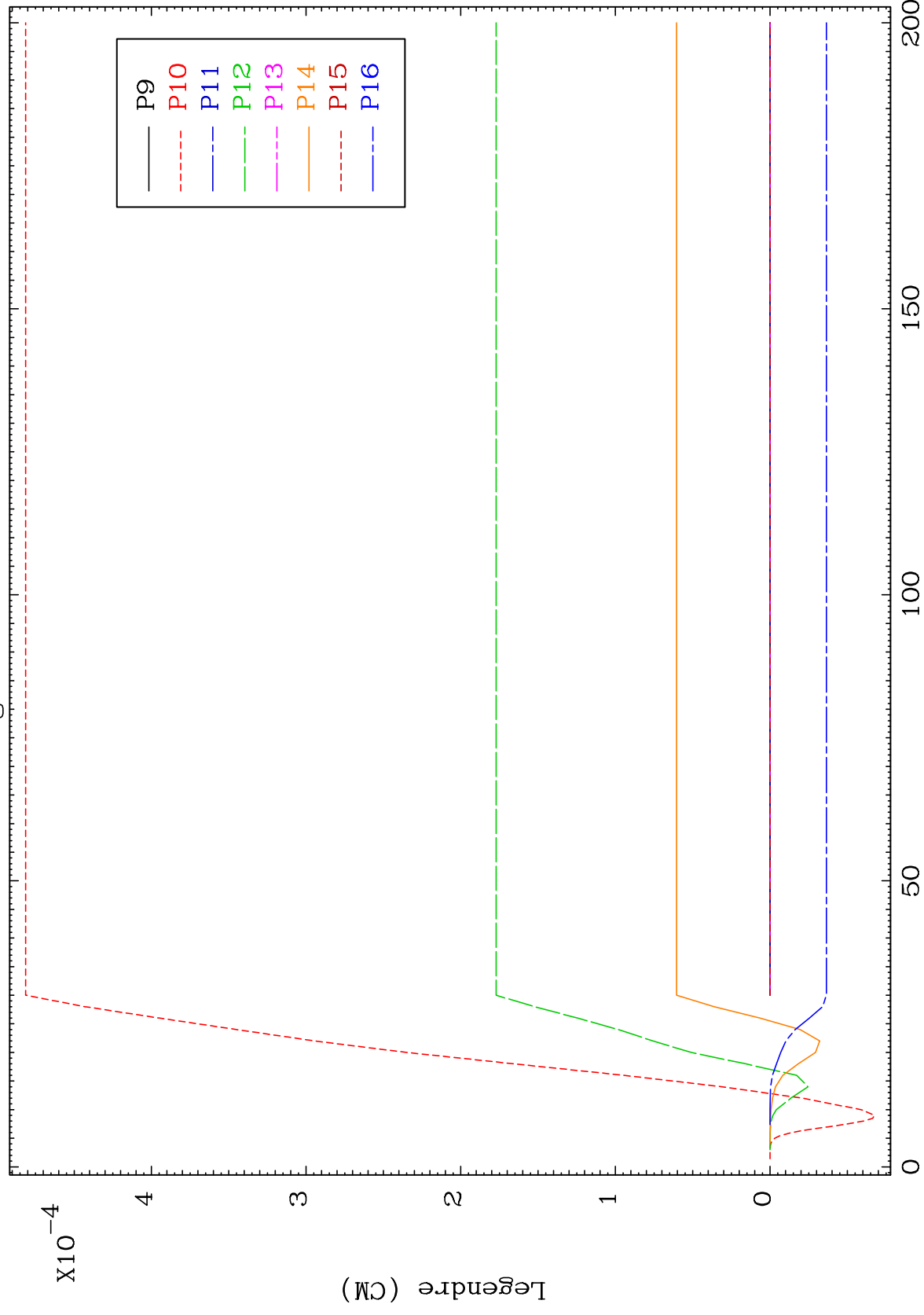
62

63-Eu-135

MAT 6277

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

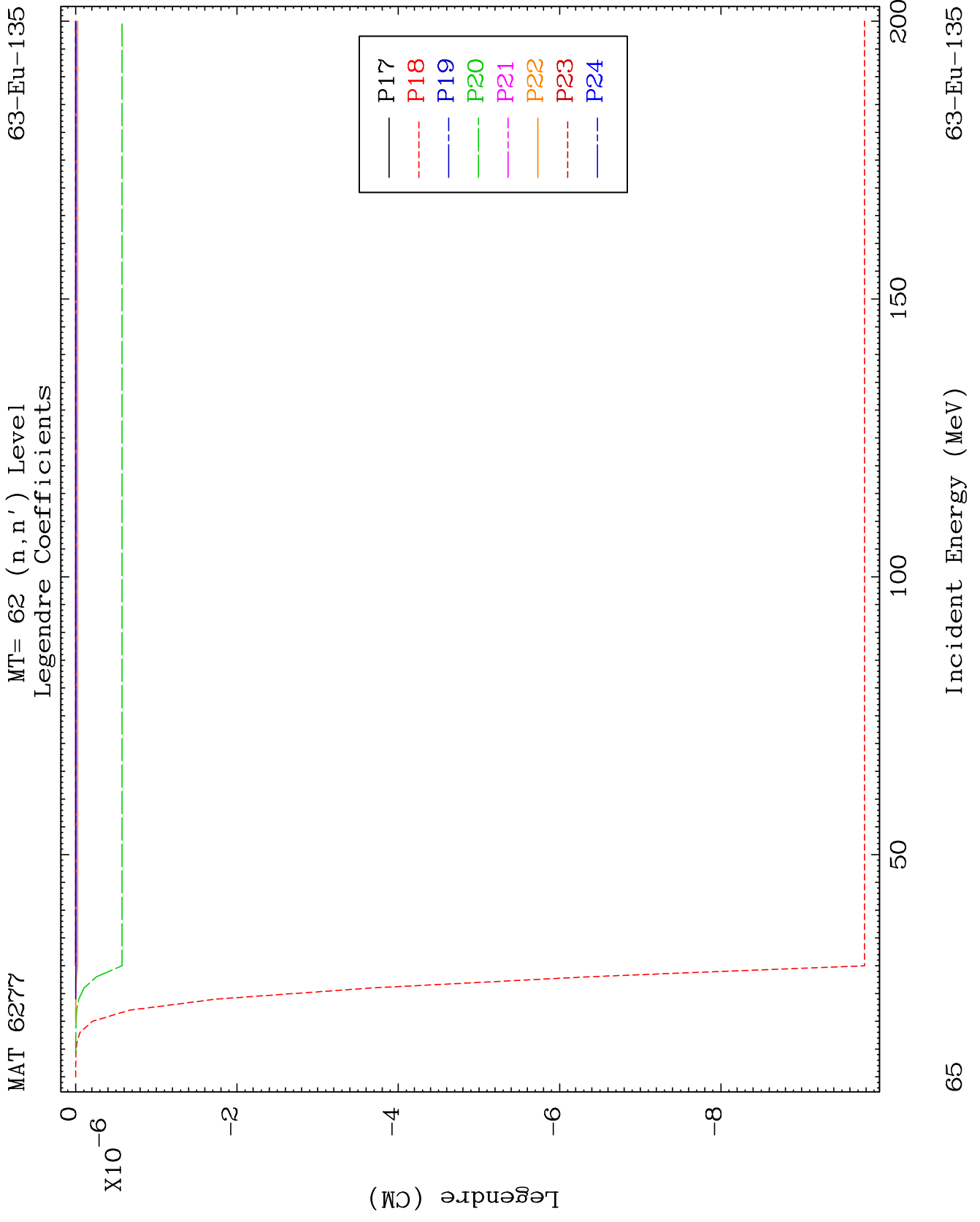
63-Eu-135



64

Incident Energy (MeV)

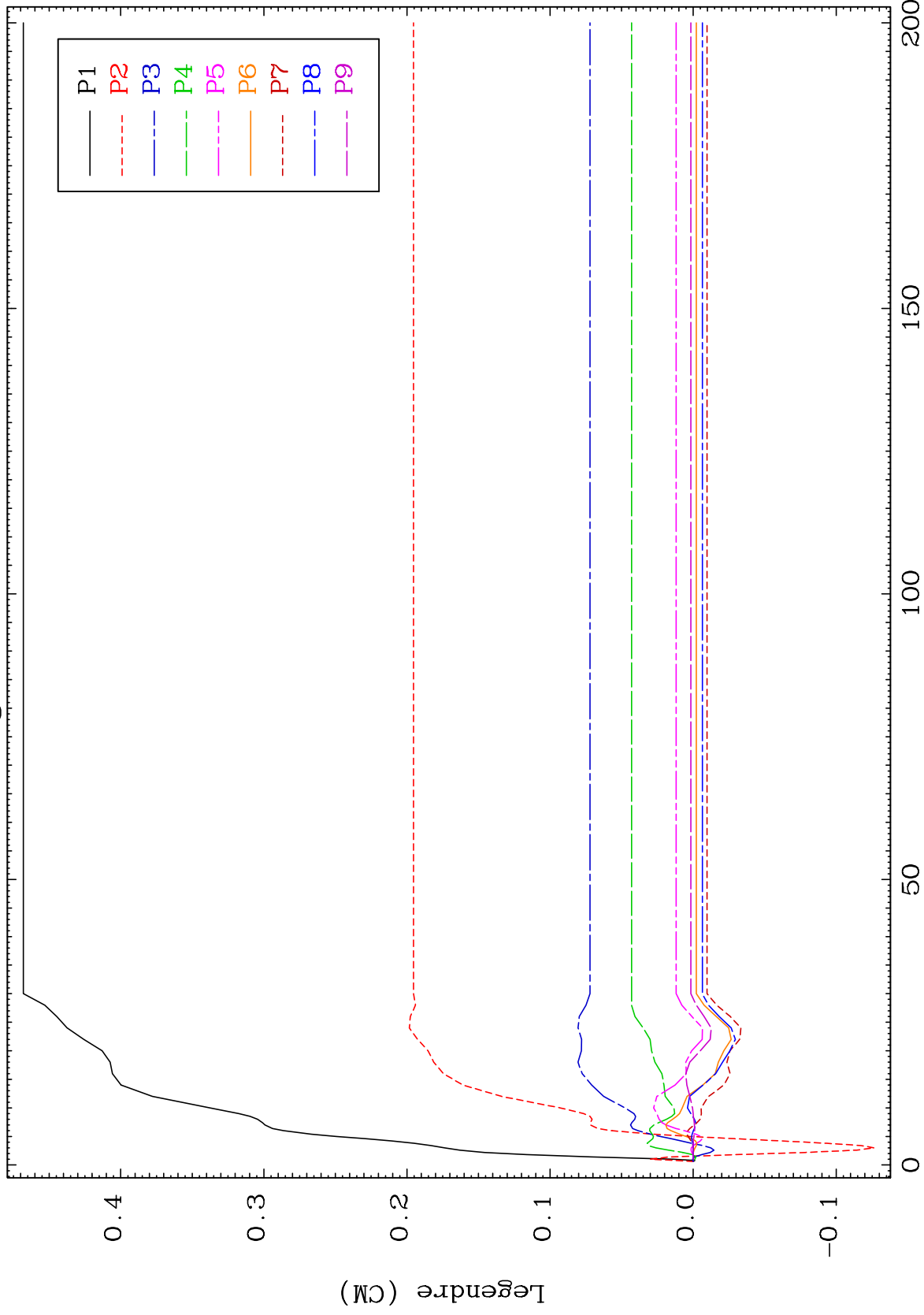
63-Eu-135



MAT 6277

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

63-Eu-135



66

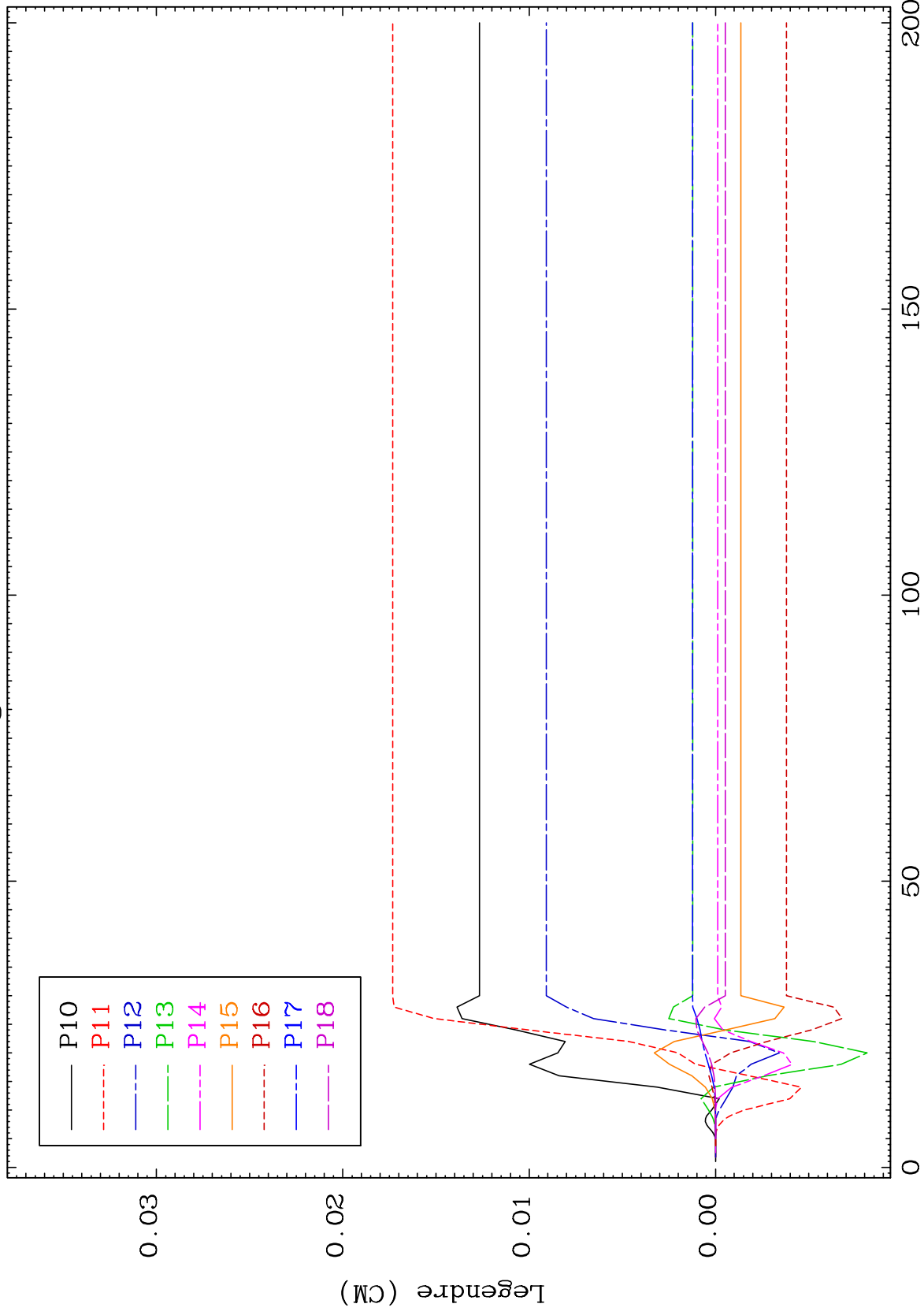
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



67

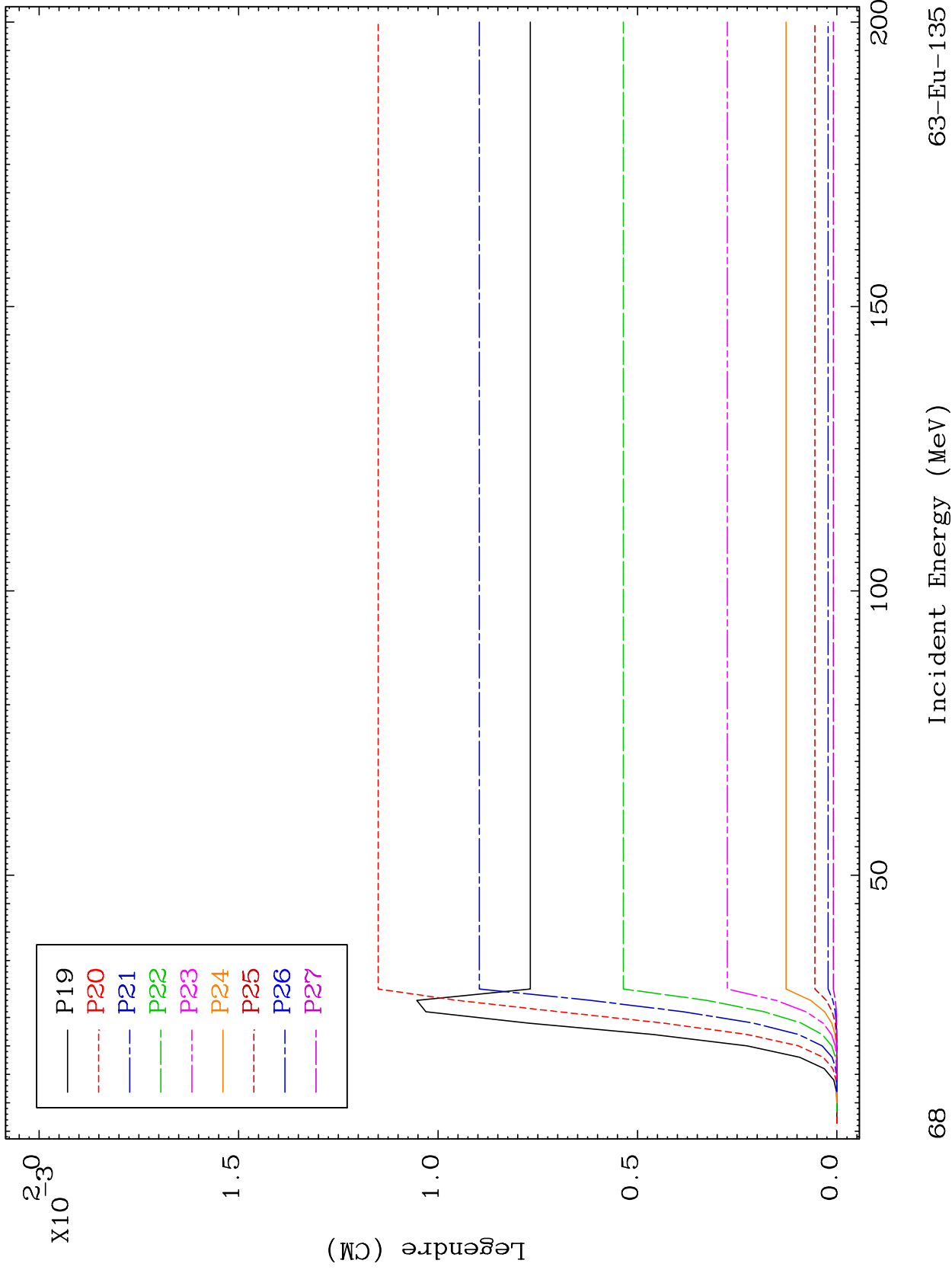
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



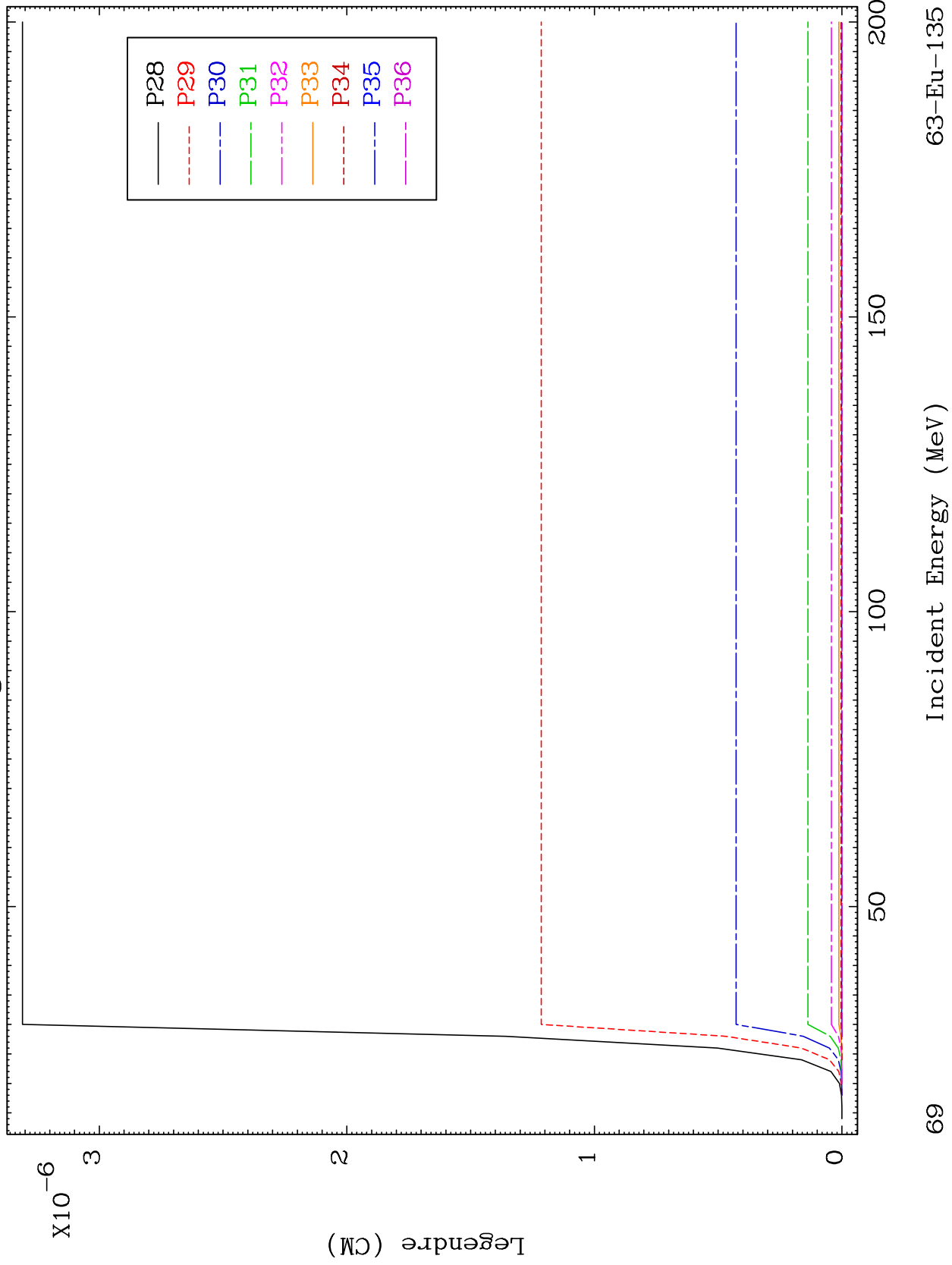
68

63-Eu-135

MAT 6277

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

63-Eu-135



69

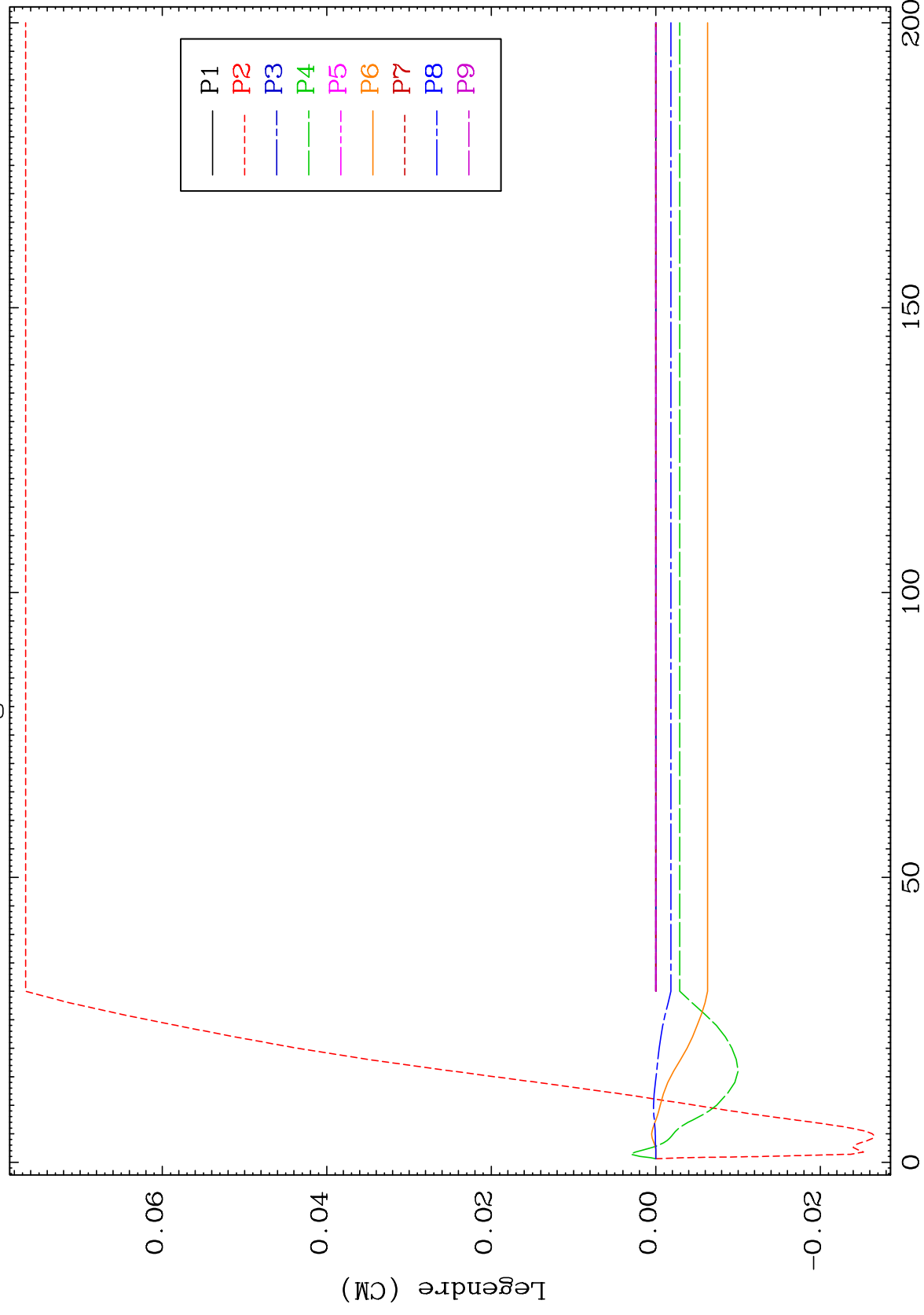
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135



63-Eu-135

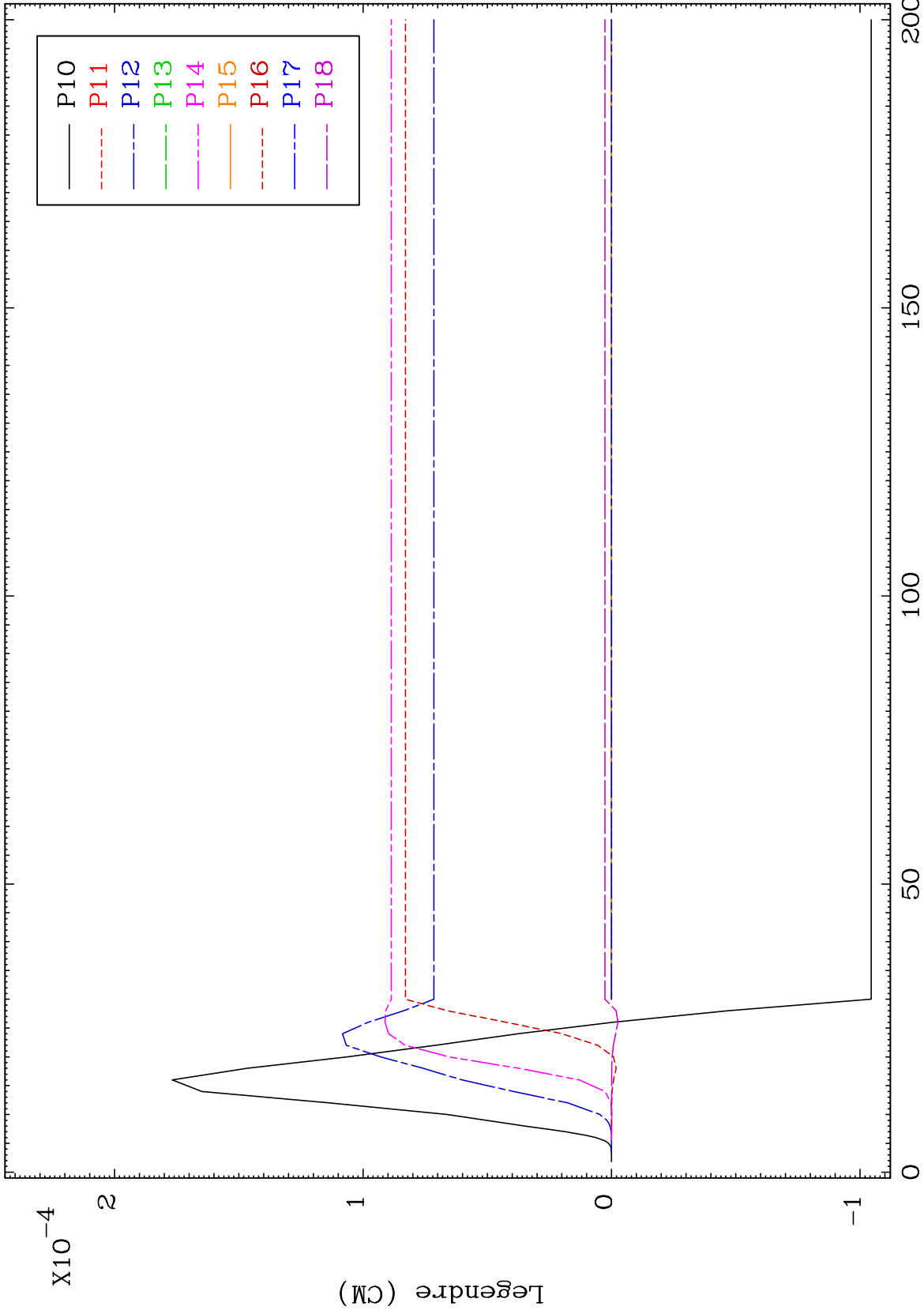
Incident Energy (MeV)

70

MAT 6277

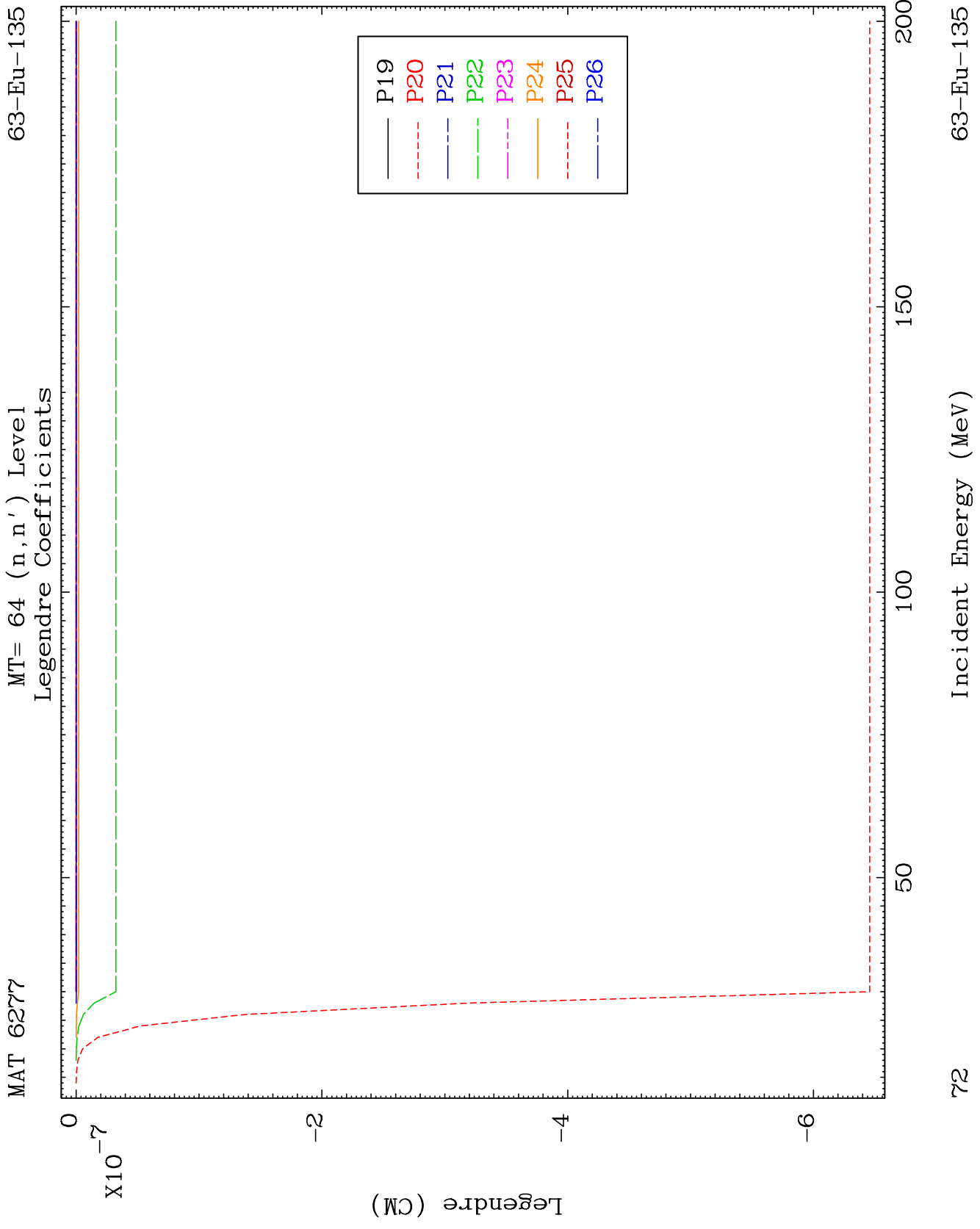
MT= 64 (n,n') Level
Legendre Coefficients

63-Eu-135



71

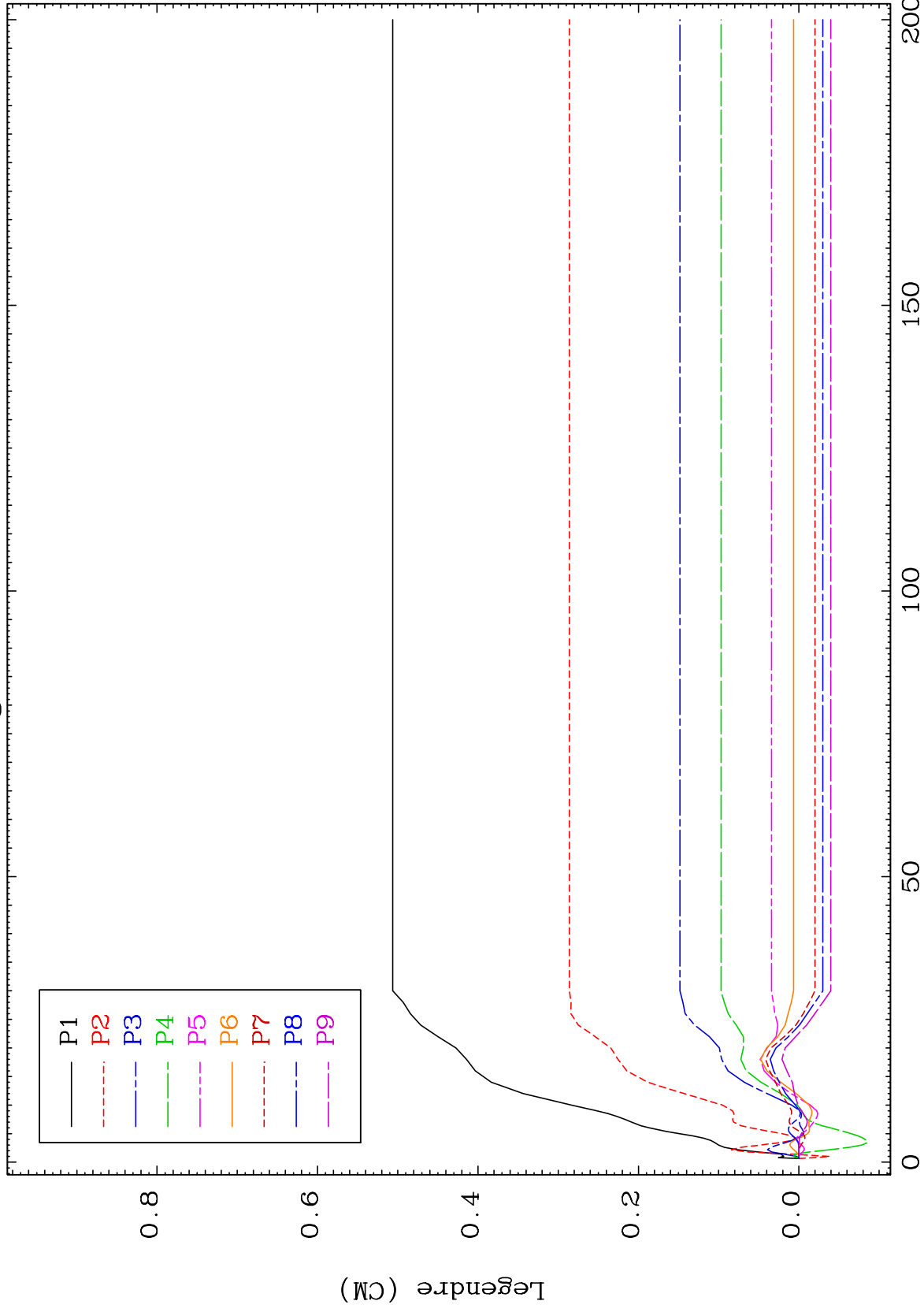
63-Eu-135



MAT 6277

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

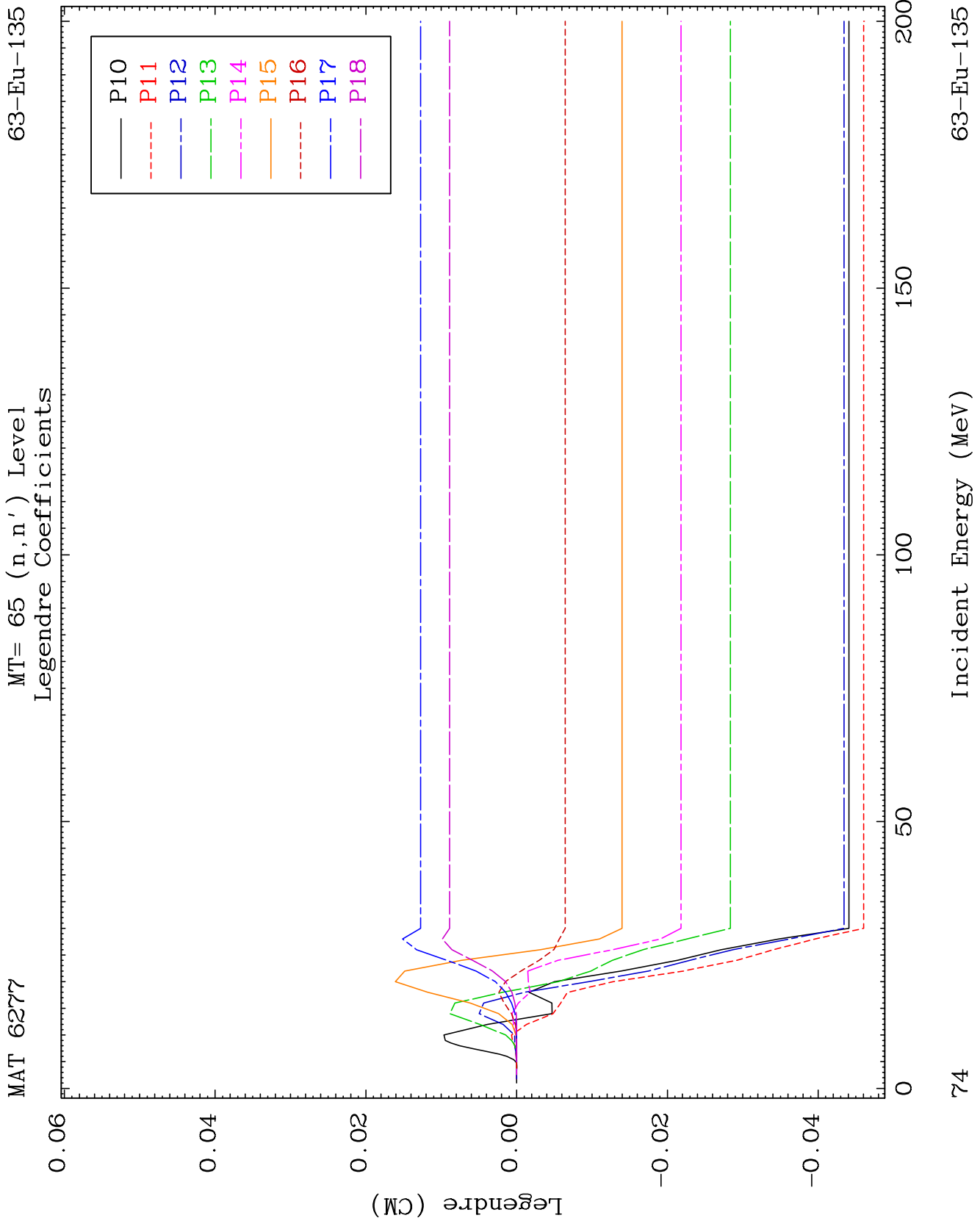
63-Eu-135



73

Incident Energy (MeV)

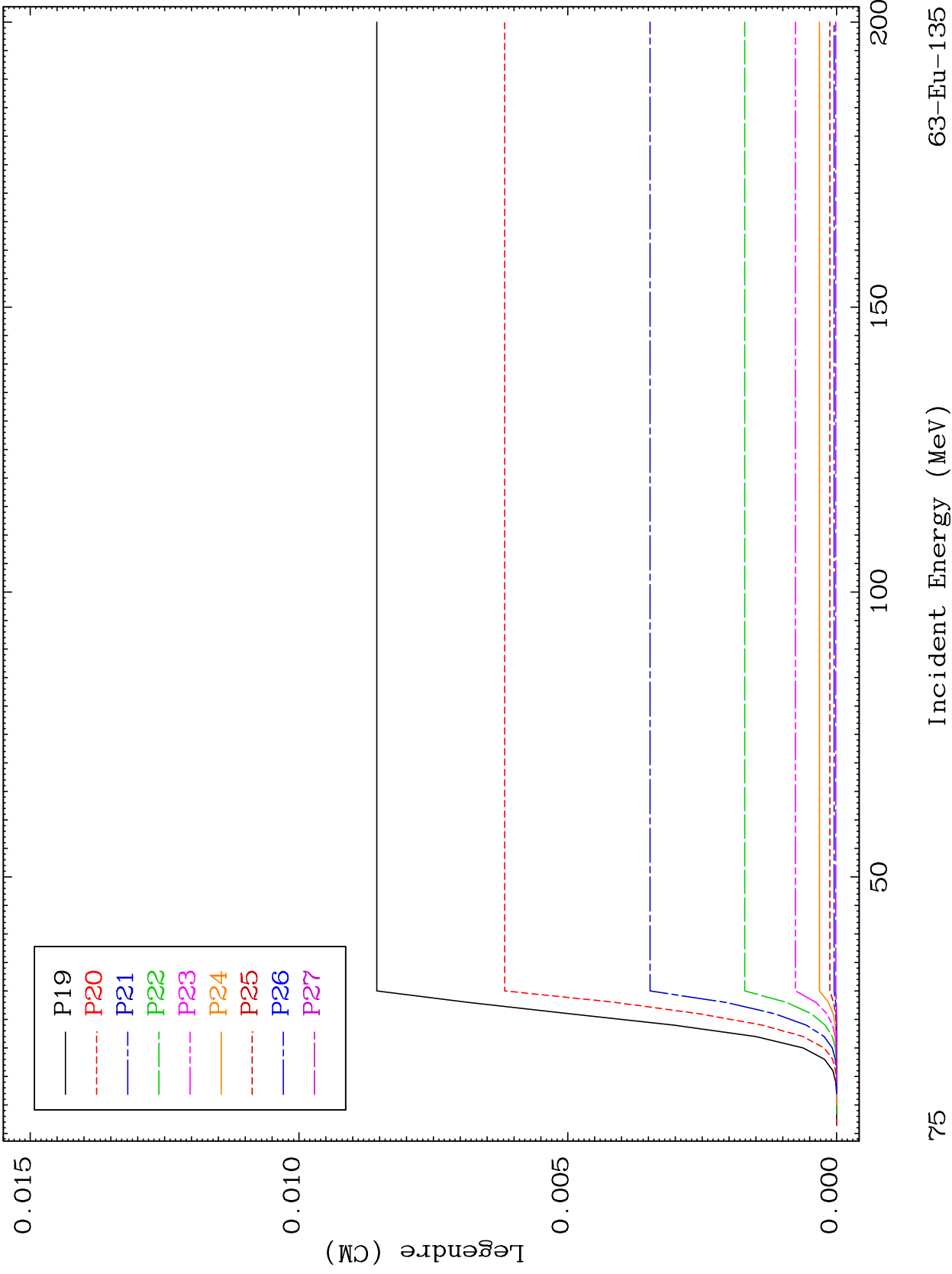
63-Eu-135



MAT 6277

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

63-Eu-135



75

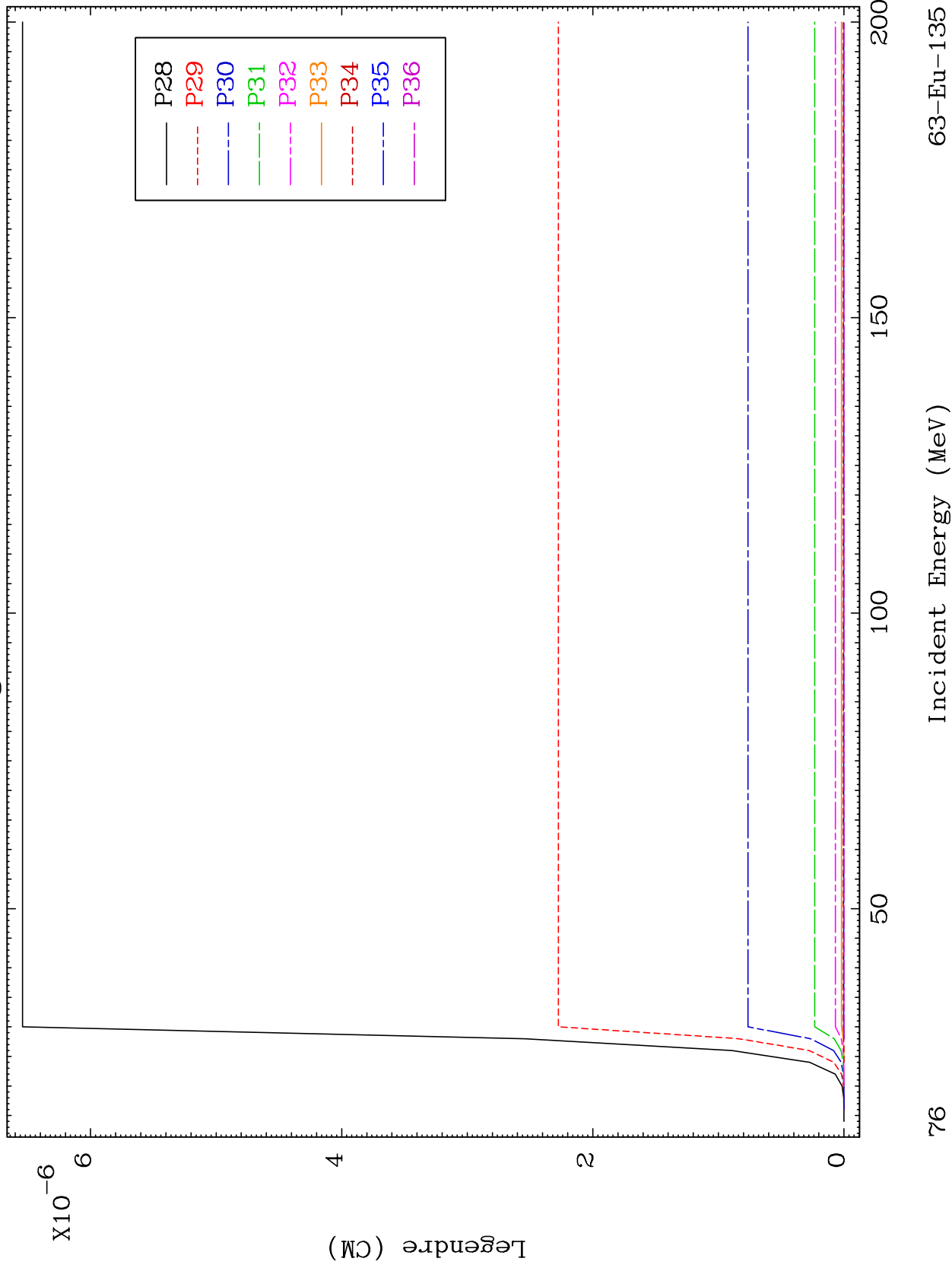
Incident Energy (MeV)

63-Eu-135

MAT 6277

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

63-Eu-135

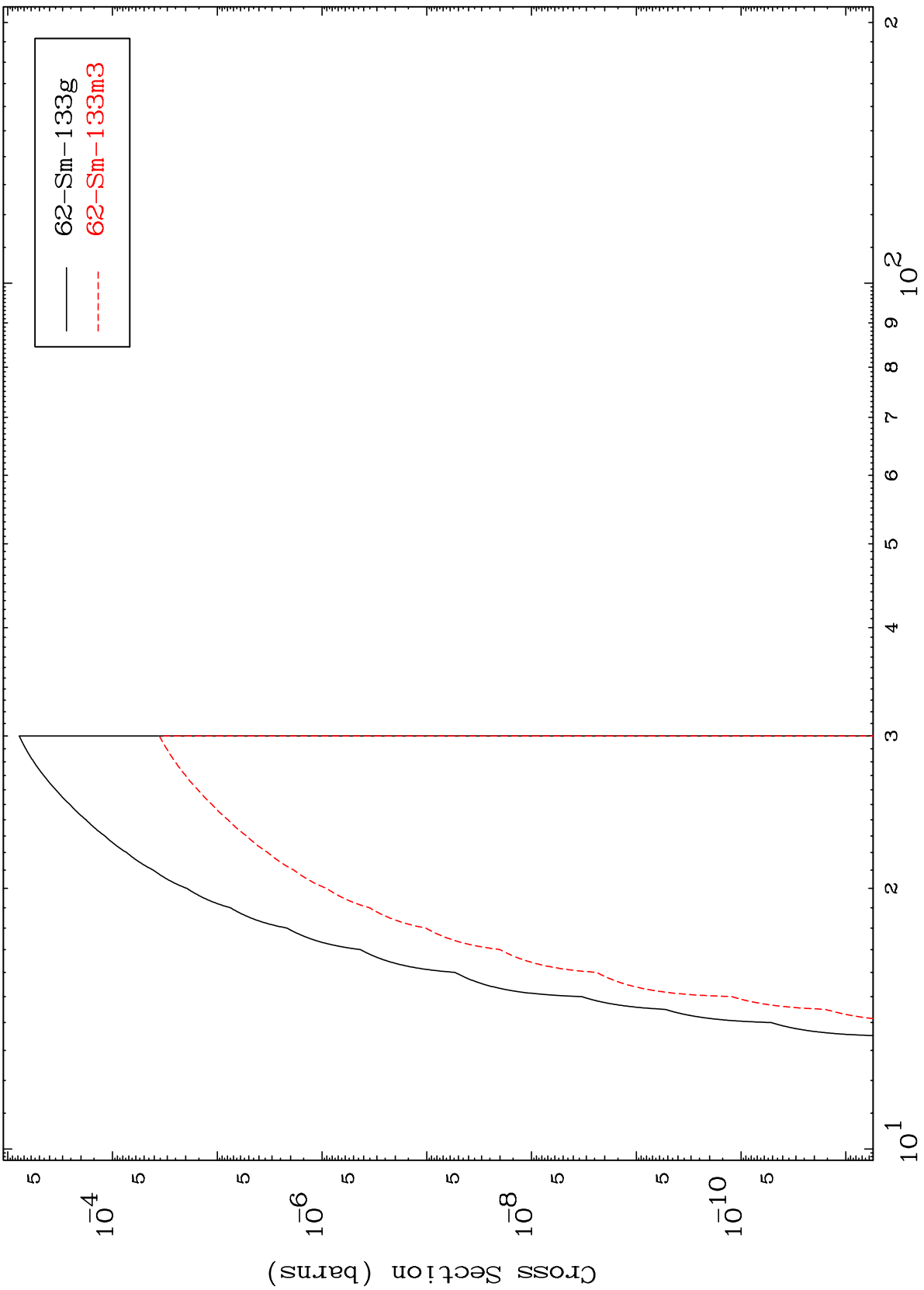


MAT 6277

(n,n') d

63-Eu-135

Radionuclide Production Cross Section



Incident Energy (MeV)

63-Eu-135

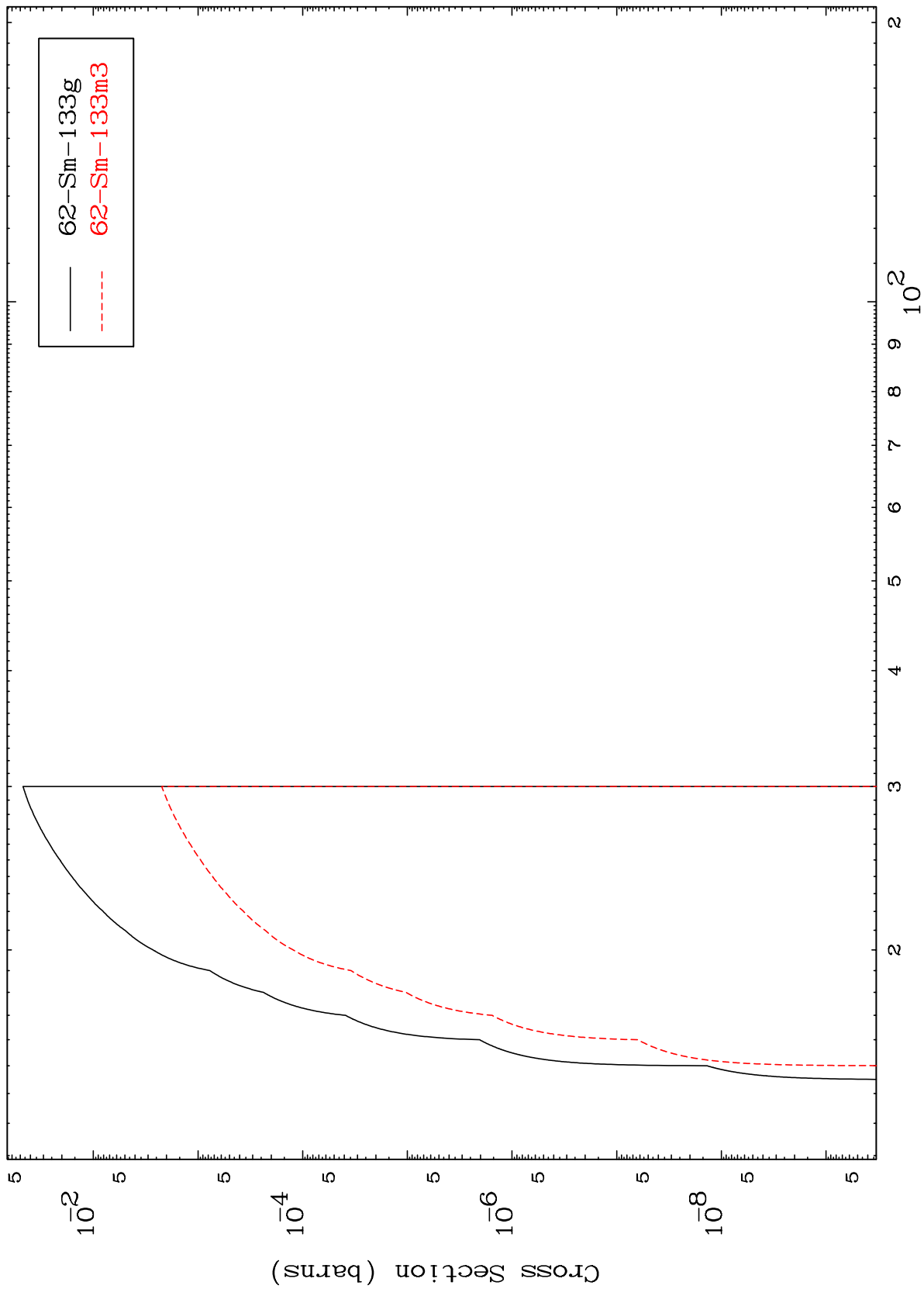
77

MAT 62777

(n,2n) p

63-Eu-135

Radionuclide Production Cross Section



78

Incident Energy (MeV)

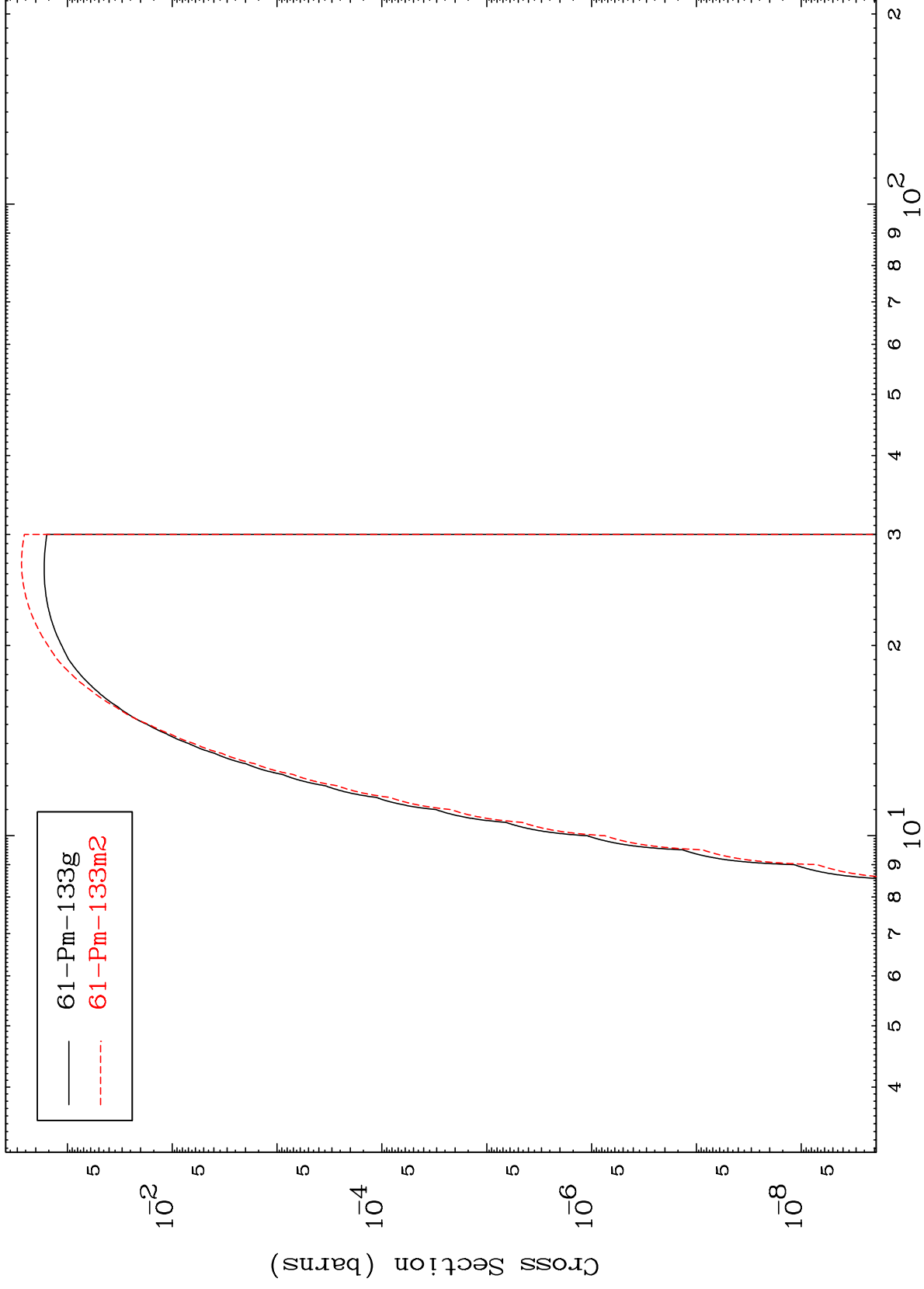
63-Eu-135

MAT 6277

(n,2n) p

63-Eu-135

Radionuclide Production Cross Section



79

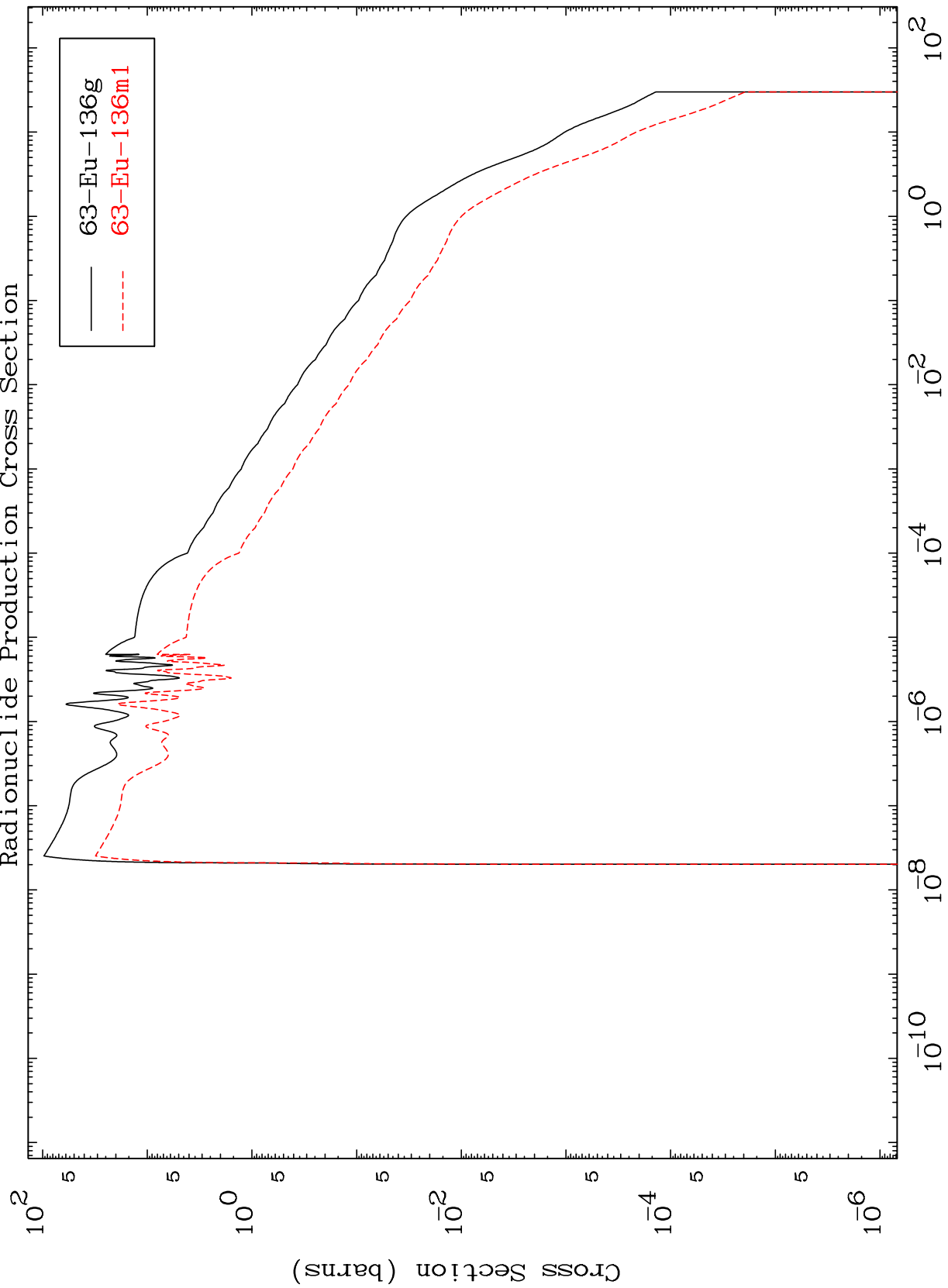
Incident Energy (MeV)

63-Eu-135

MAT 6277

63-Eu-135

(n, γ)
Radionuclide Production Cross Section



80

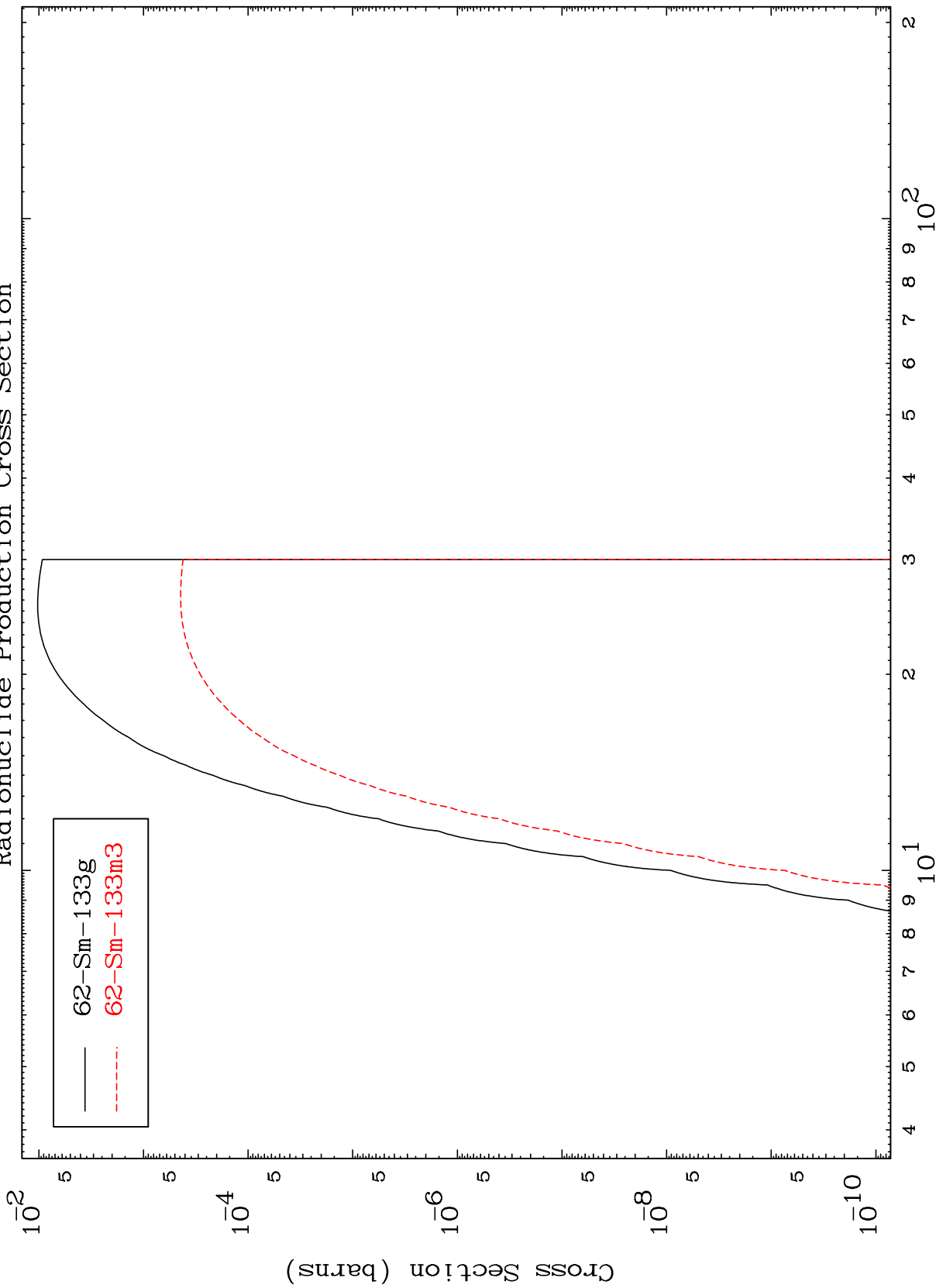
63-Eu-135

Incident Energy (MeV)

MAT 62777

63-Eu-135

Radionuclide Production Cross Section
(n, t)



81

Incident Energy (MeV)

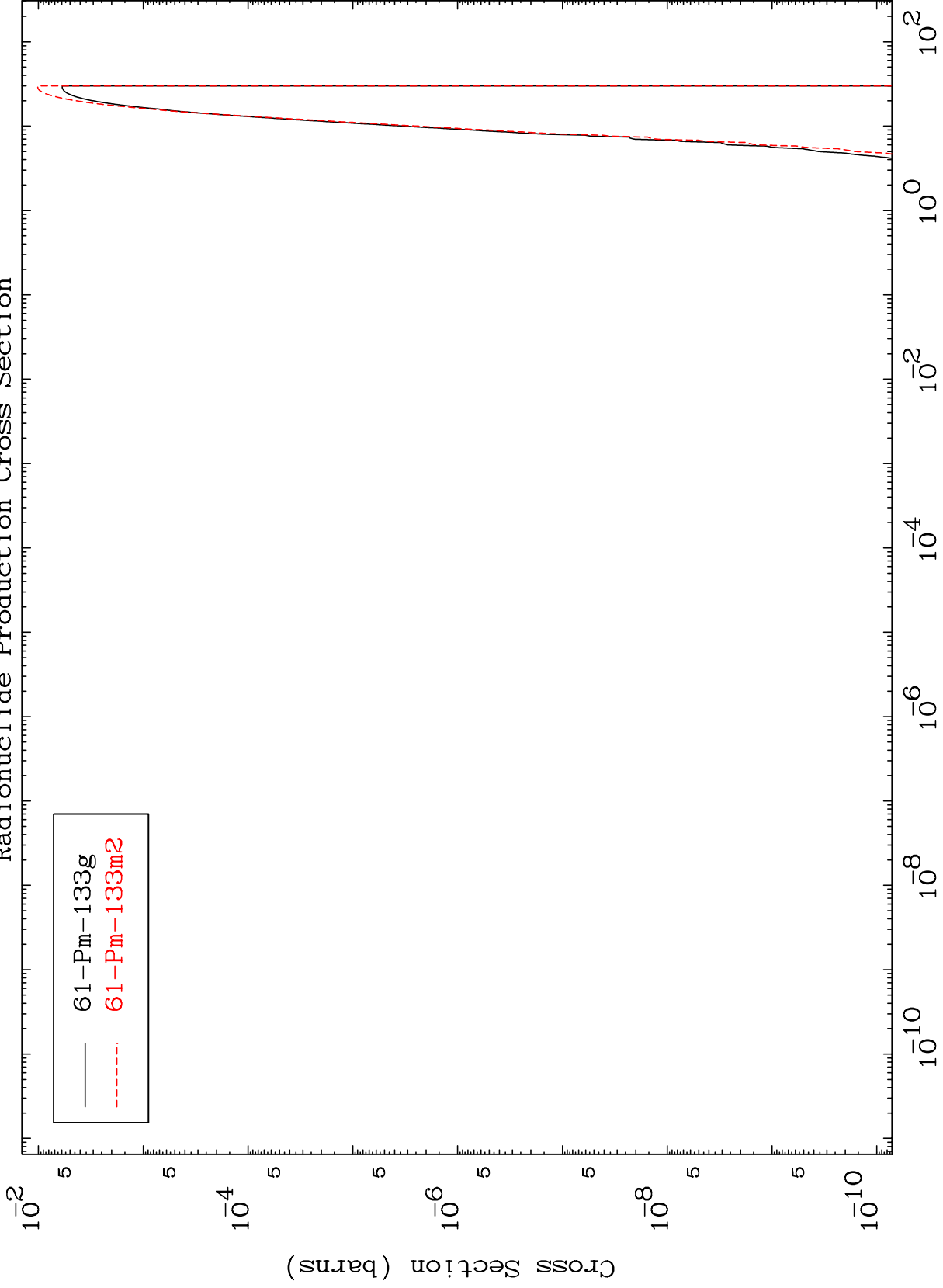
63-Eu-135

MAT 6277

(n,He-3)

63-Eu-135

Radionuclide Production Cross Section



82

Incident Energy (MeV)

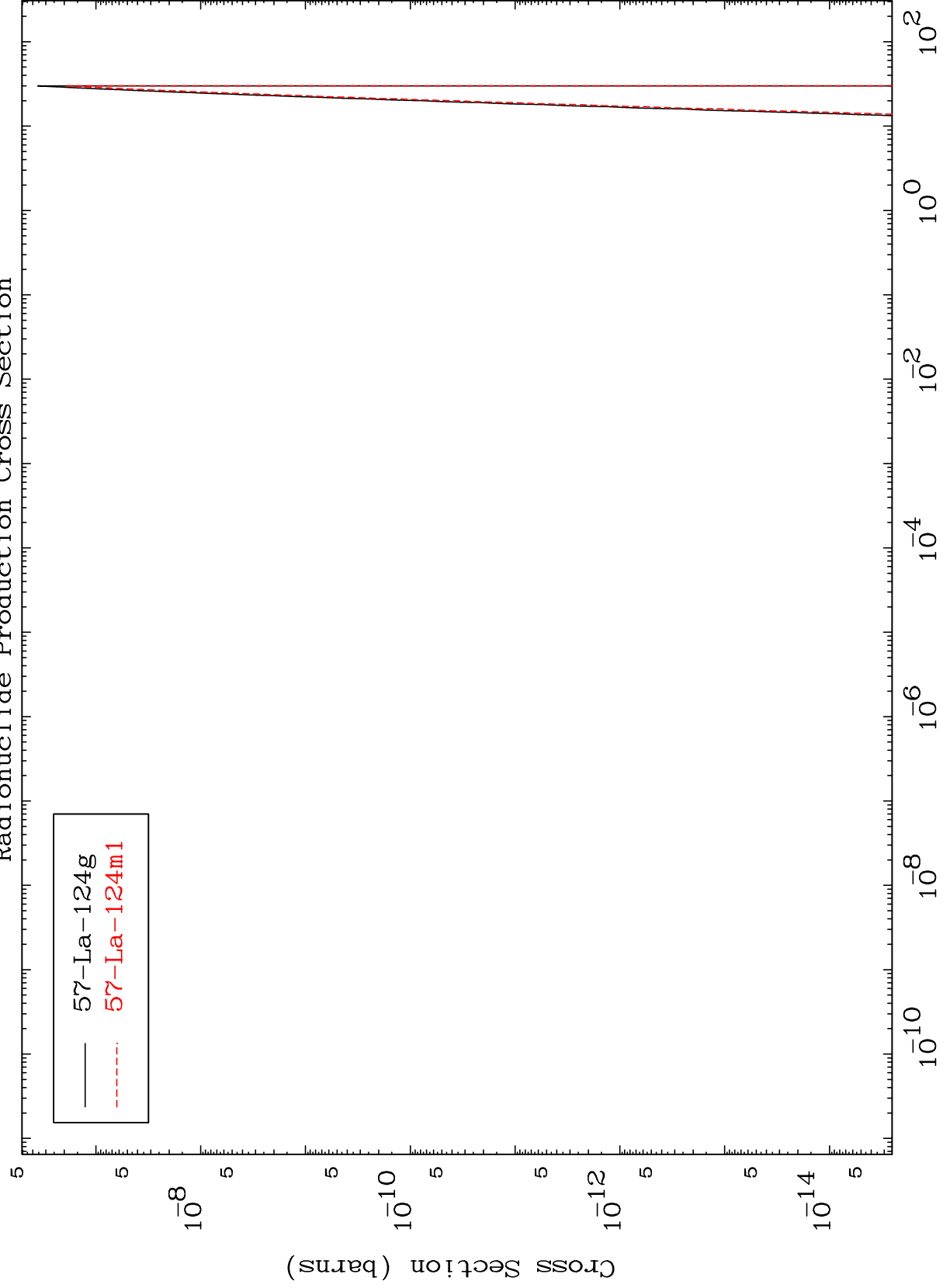
63-Eu-135

MAT 6277

(n, 3 α)

63-Eu-135

Radionuclide Production Cross Section



83

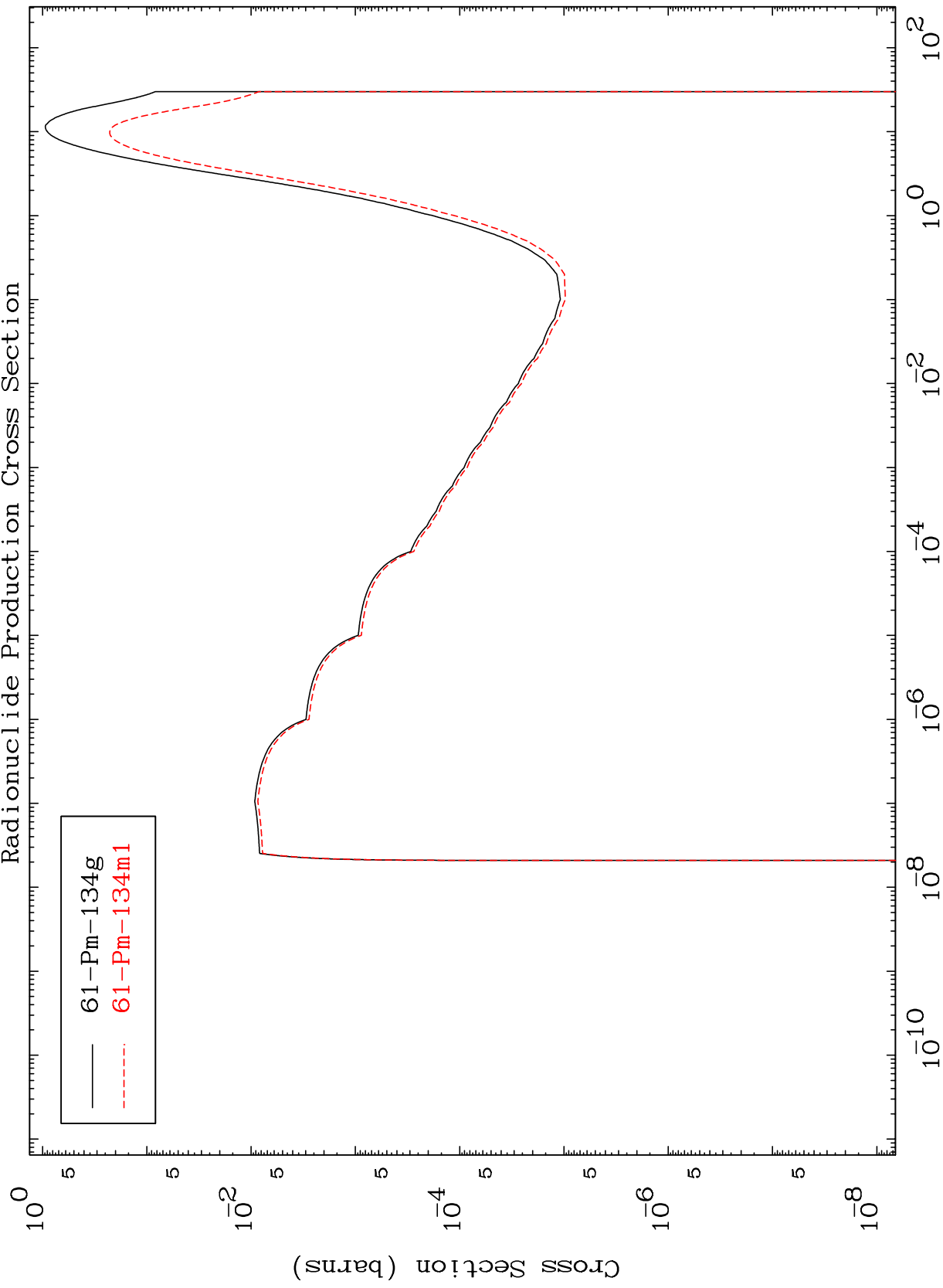
Incident Energy (MeV)

63-Eu-135

MAT 62777

63-Eu-135

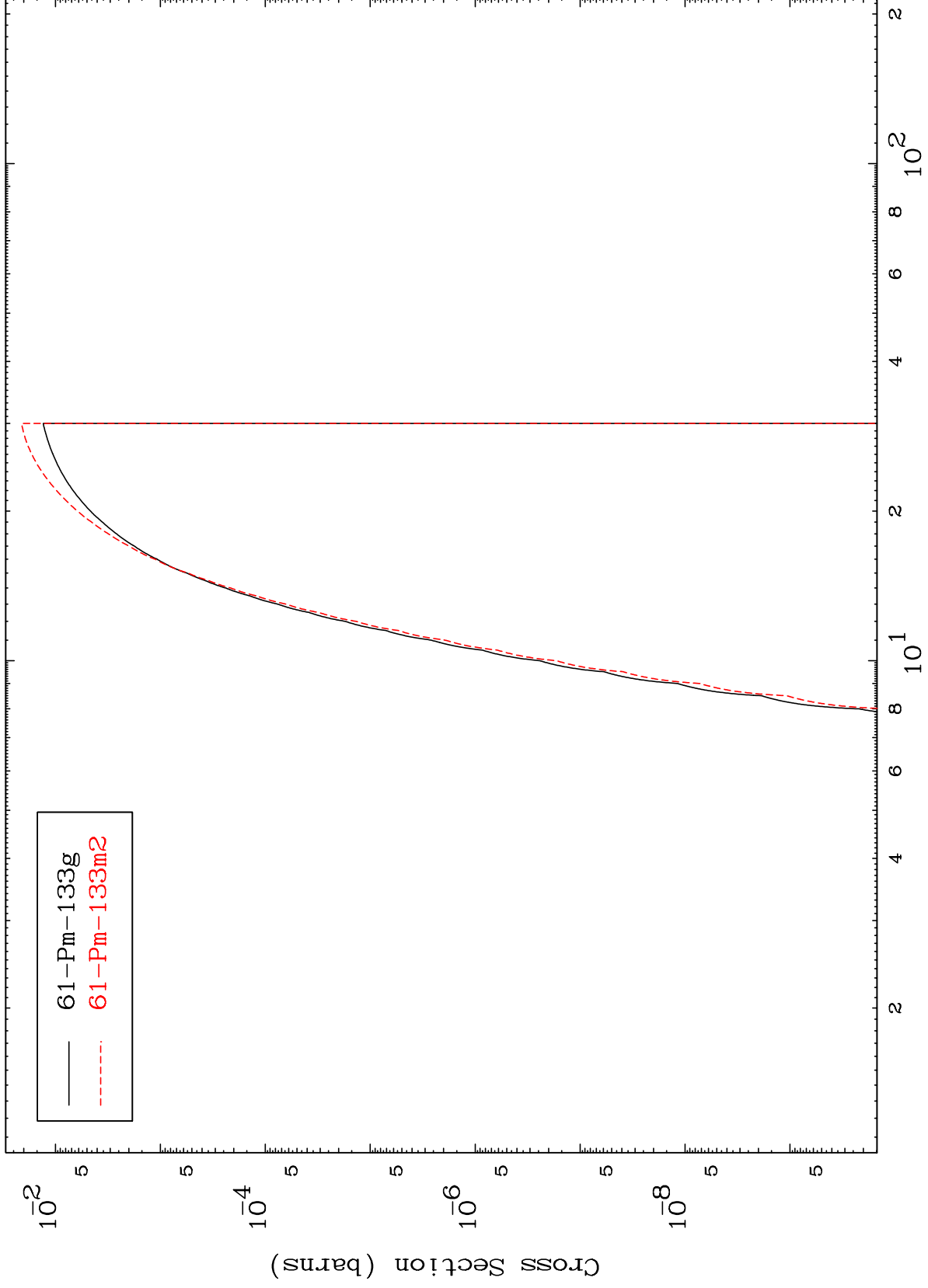
Radionuclide Production Cross Section
(n,2p)



84

63-Eu-135

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2