

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

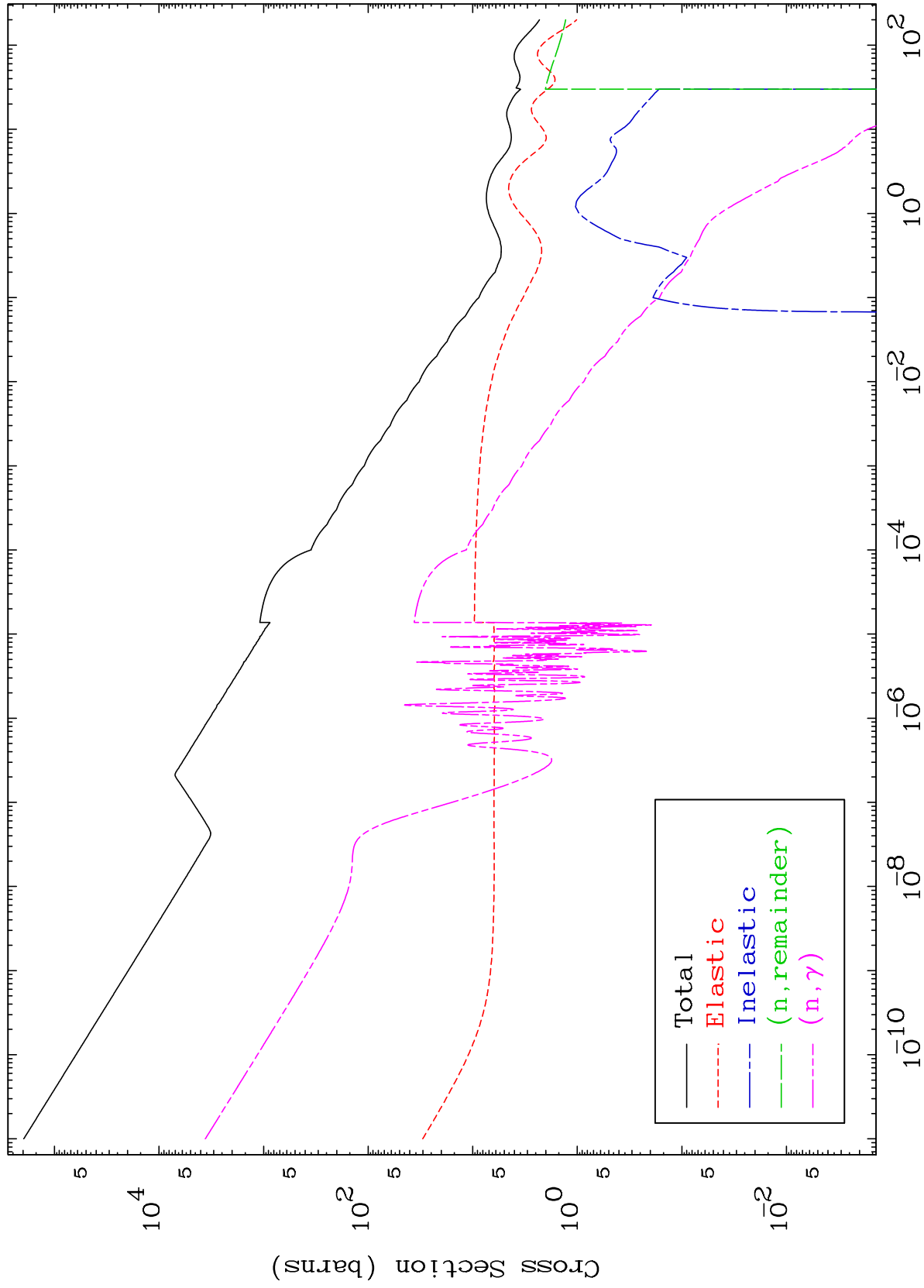
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6586

Major
293 Kelvin Cross Sections

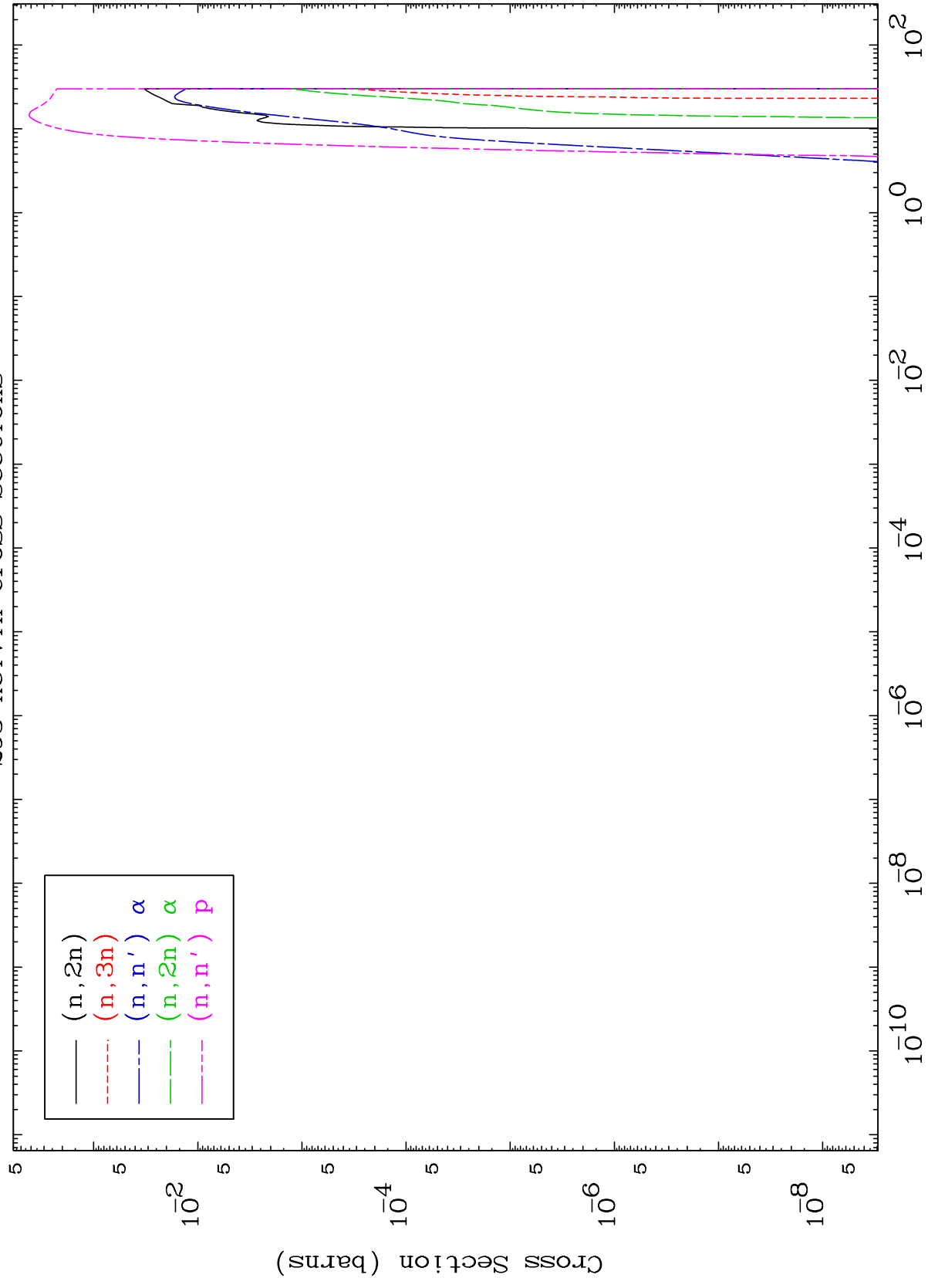
66-Dy-143



MAT 6586

Neutron Production
293 Kelvin Cross Sections

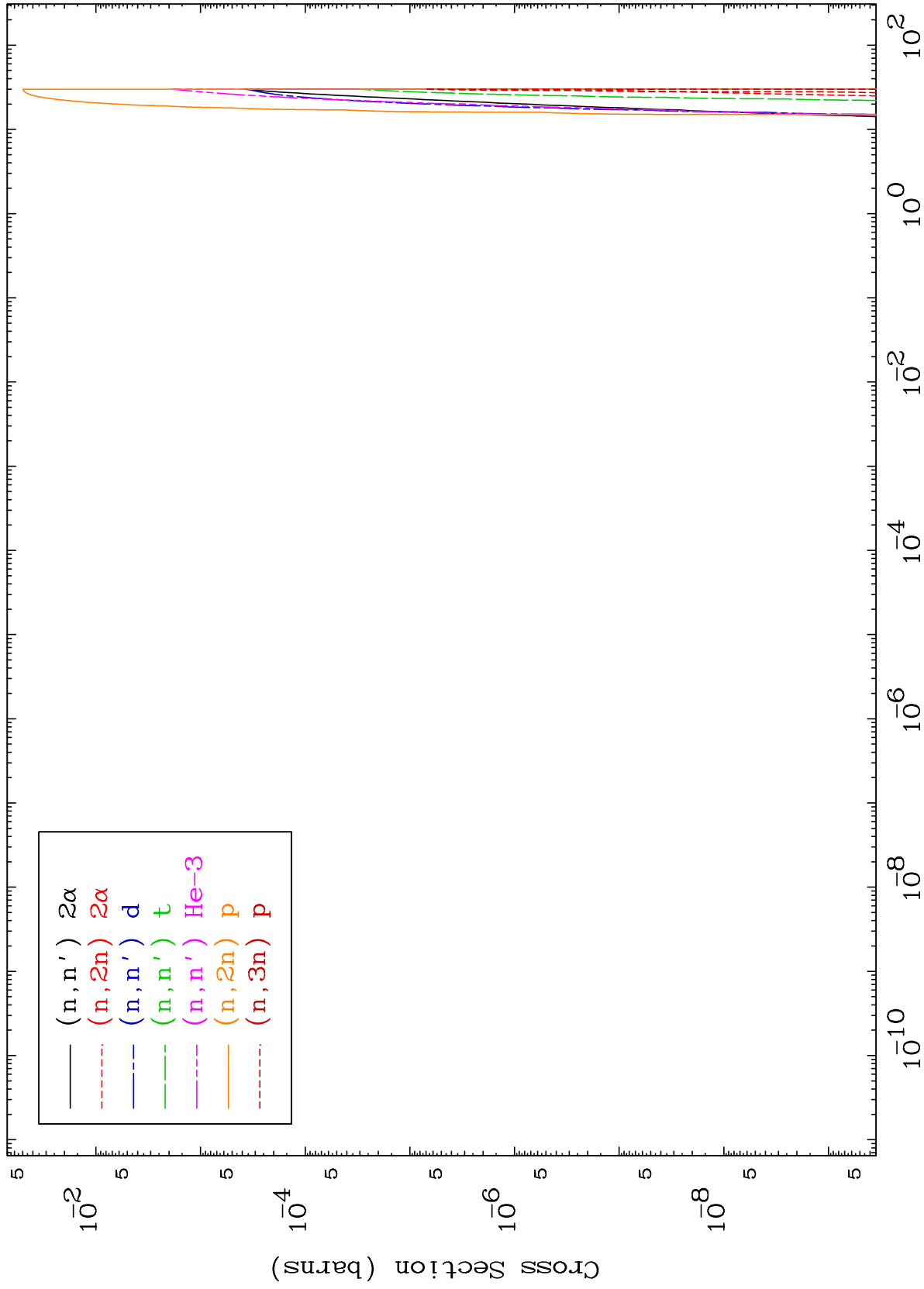
66-Dy-143



MAT 6586

Neutron Production
293 Kelvin Cross Sections

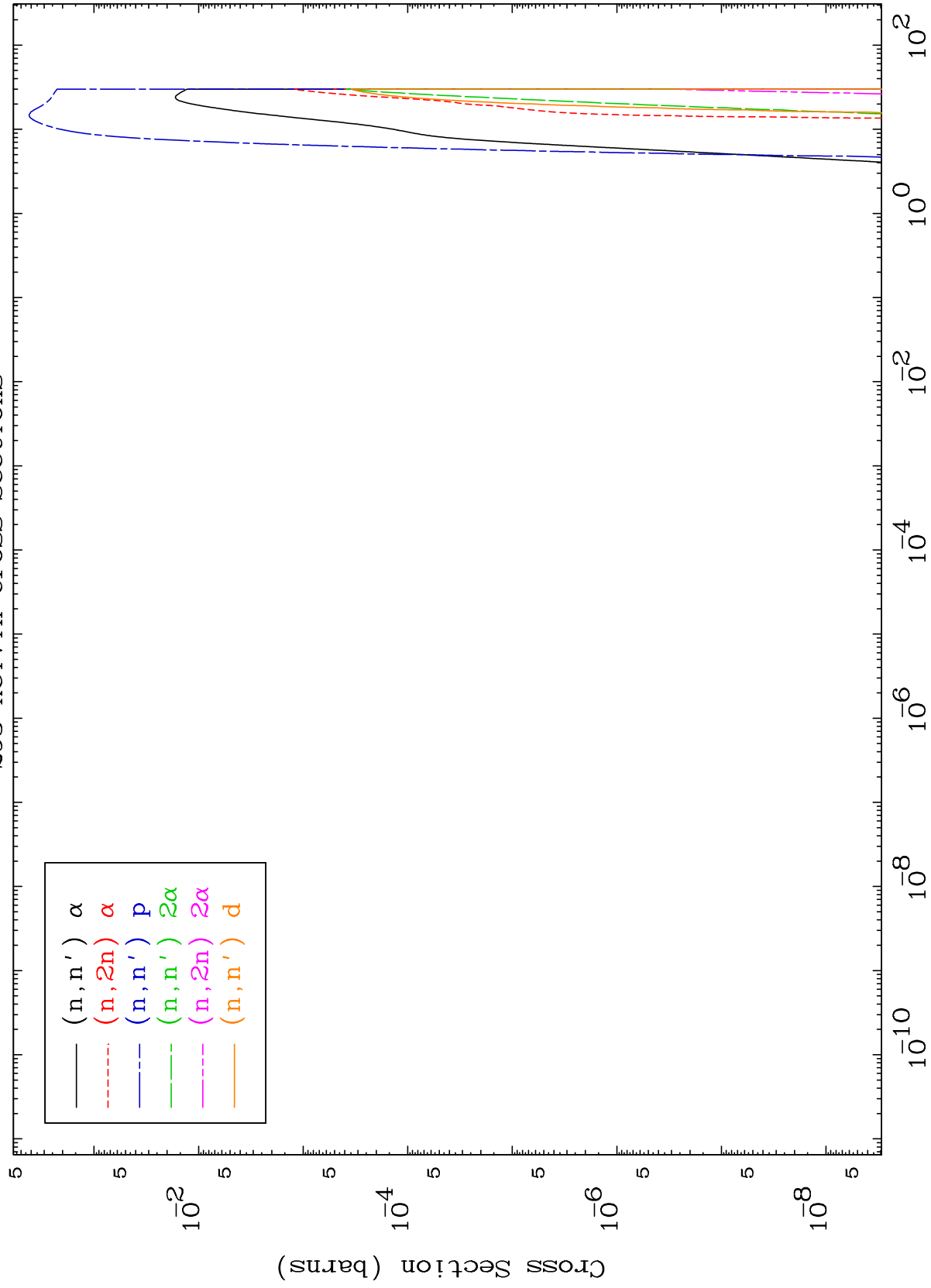
66-Dy-143

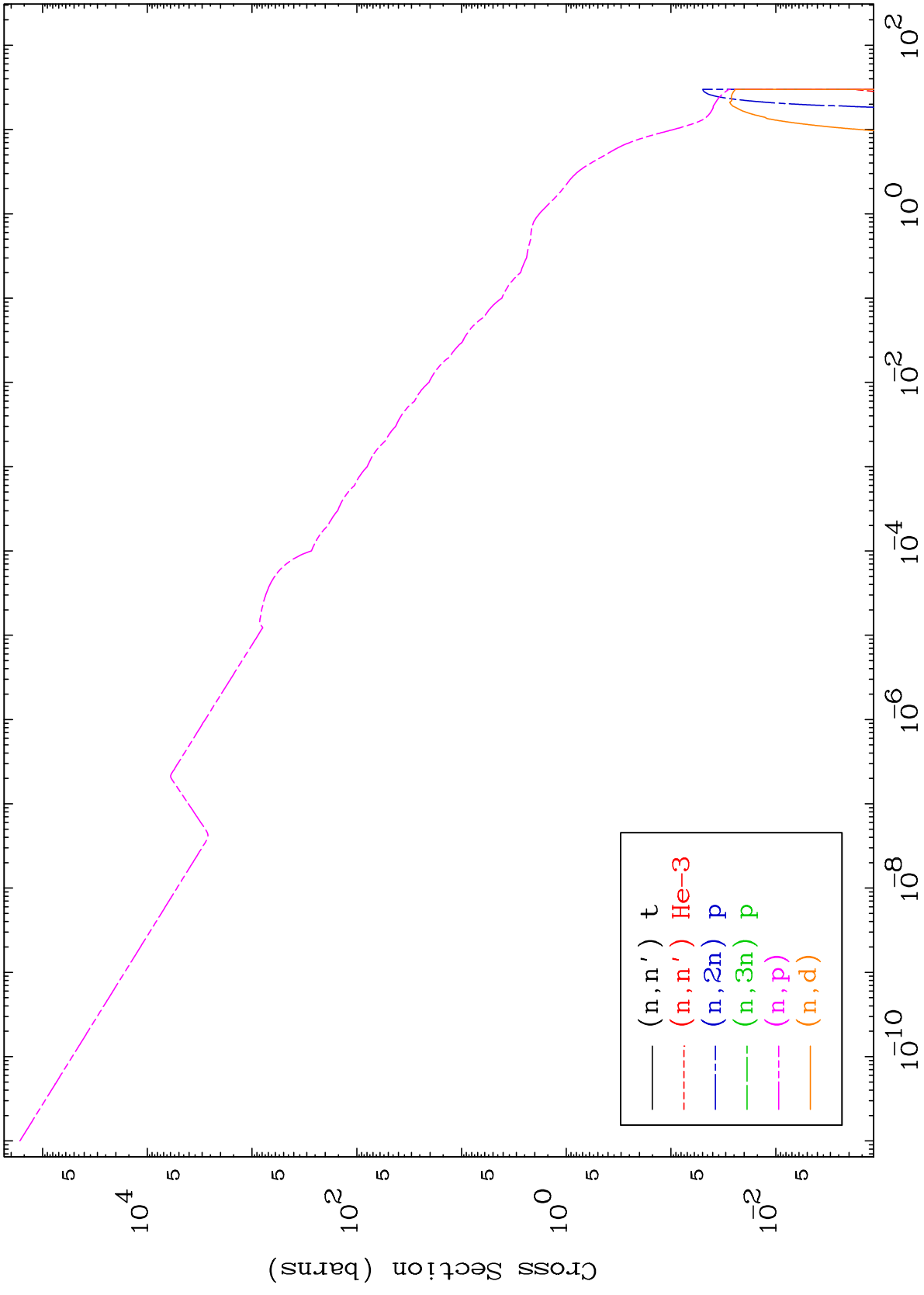


MAT 6586

Charged Particle
293 Kelvin Cross Sections

66-Dy-143

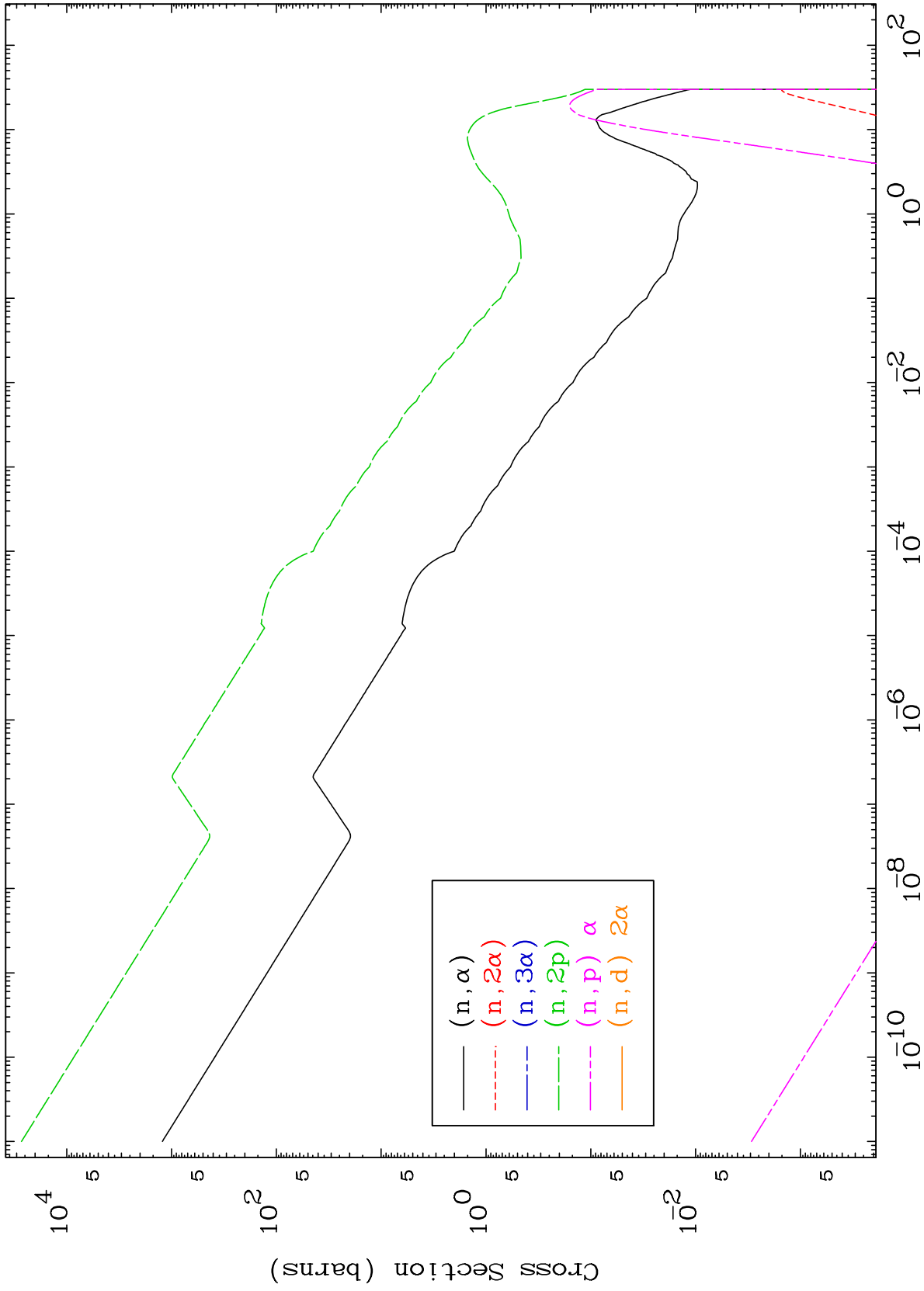




MAT 6586

293 Charged Particle
Kelvin Cross Sections

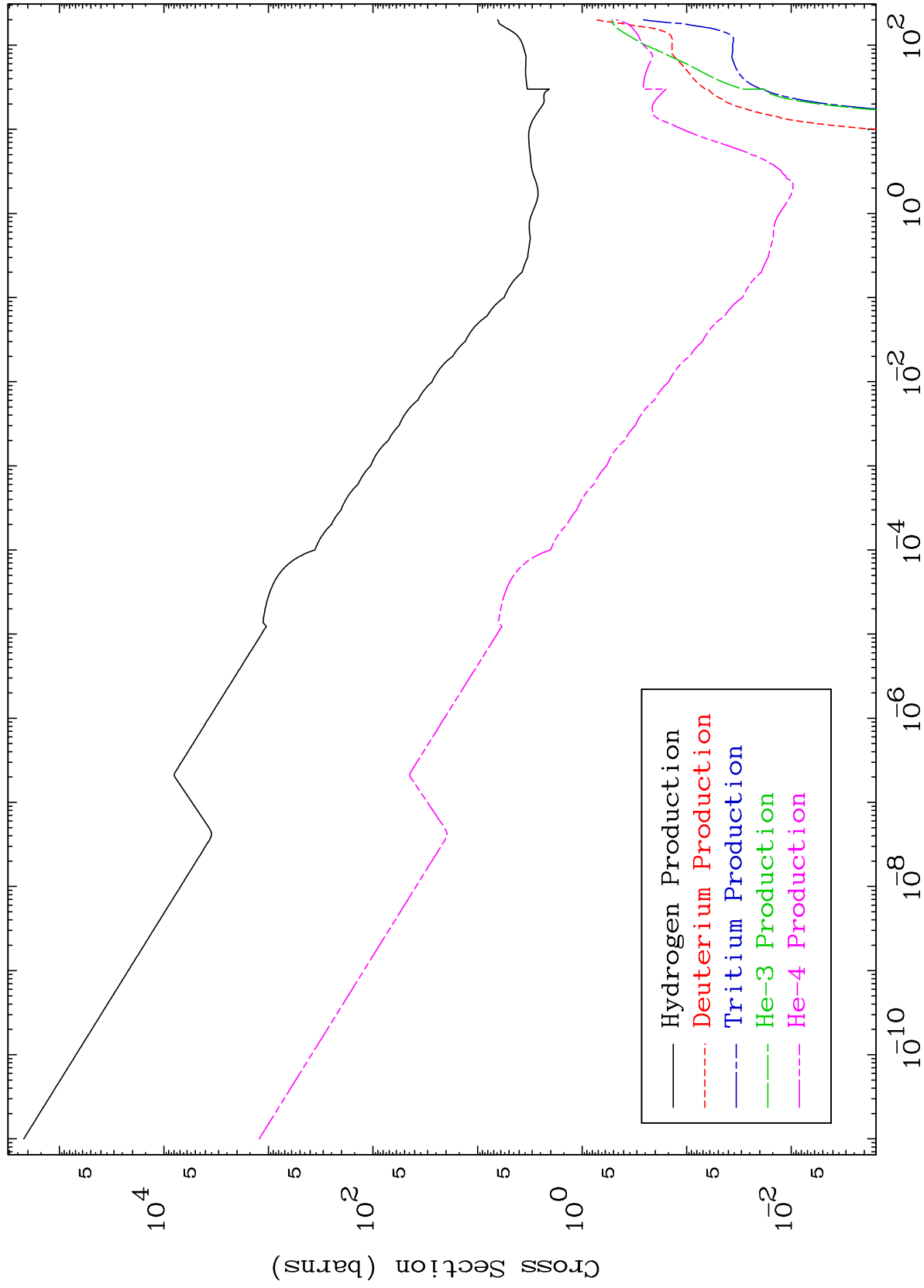
66-Dy-143



MAT 6586

Particle Production
293 Kelvin Cross Sections

66-Dy-143



7

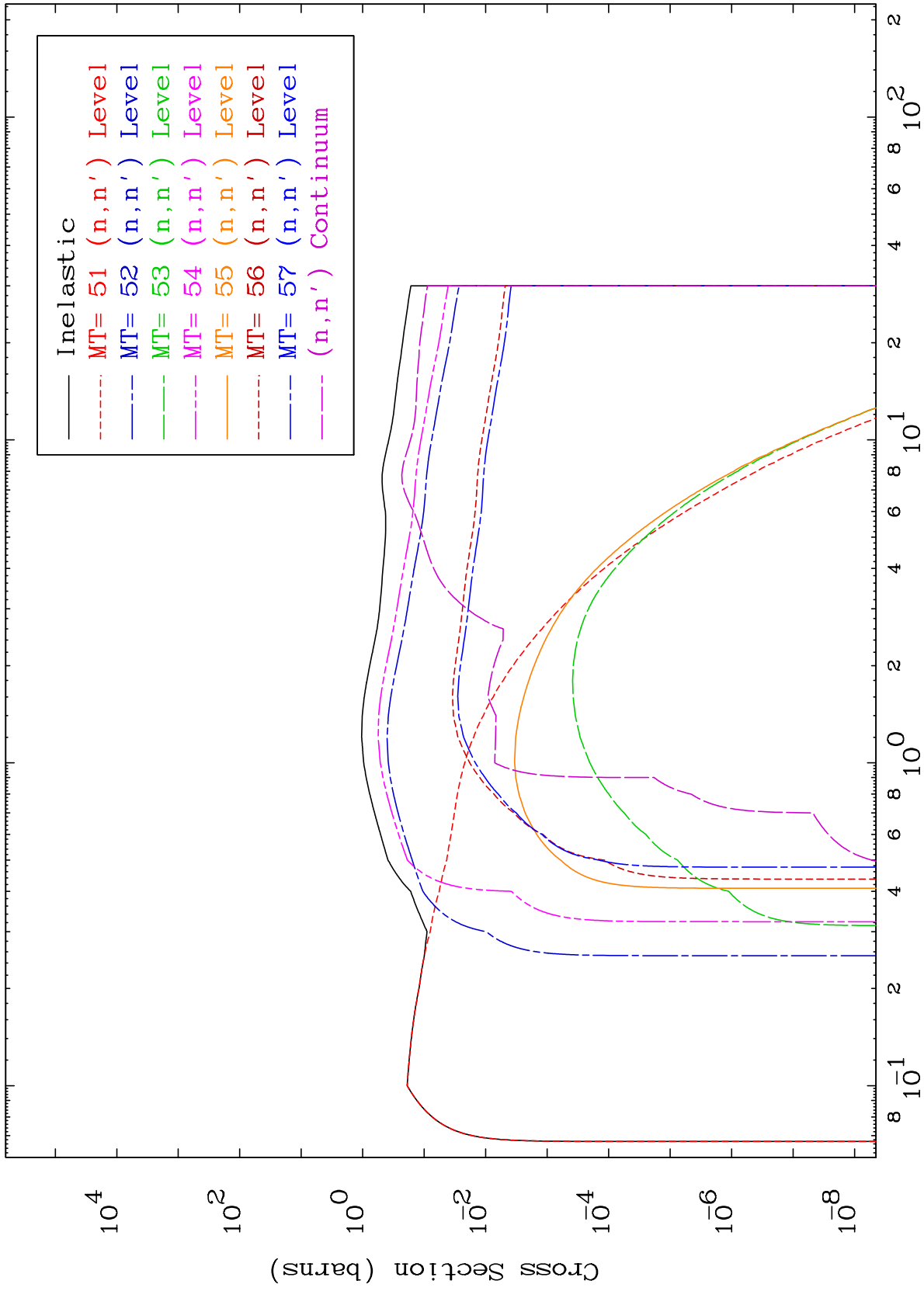
Incident Energy (MeV)

66-Dy-143

MAT 6586

(n,n') Level
293 Kelvin Cross Sections

66-Dy-143



8

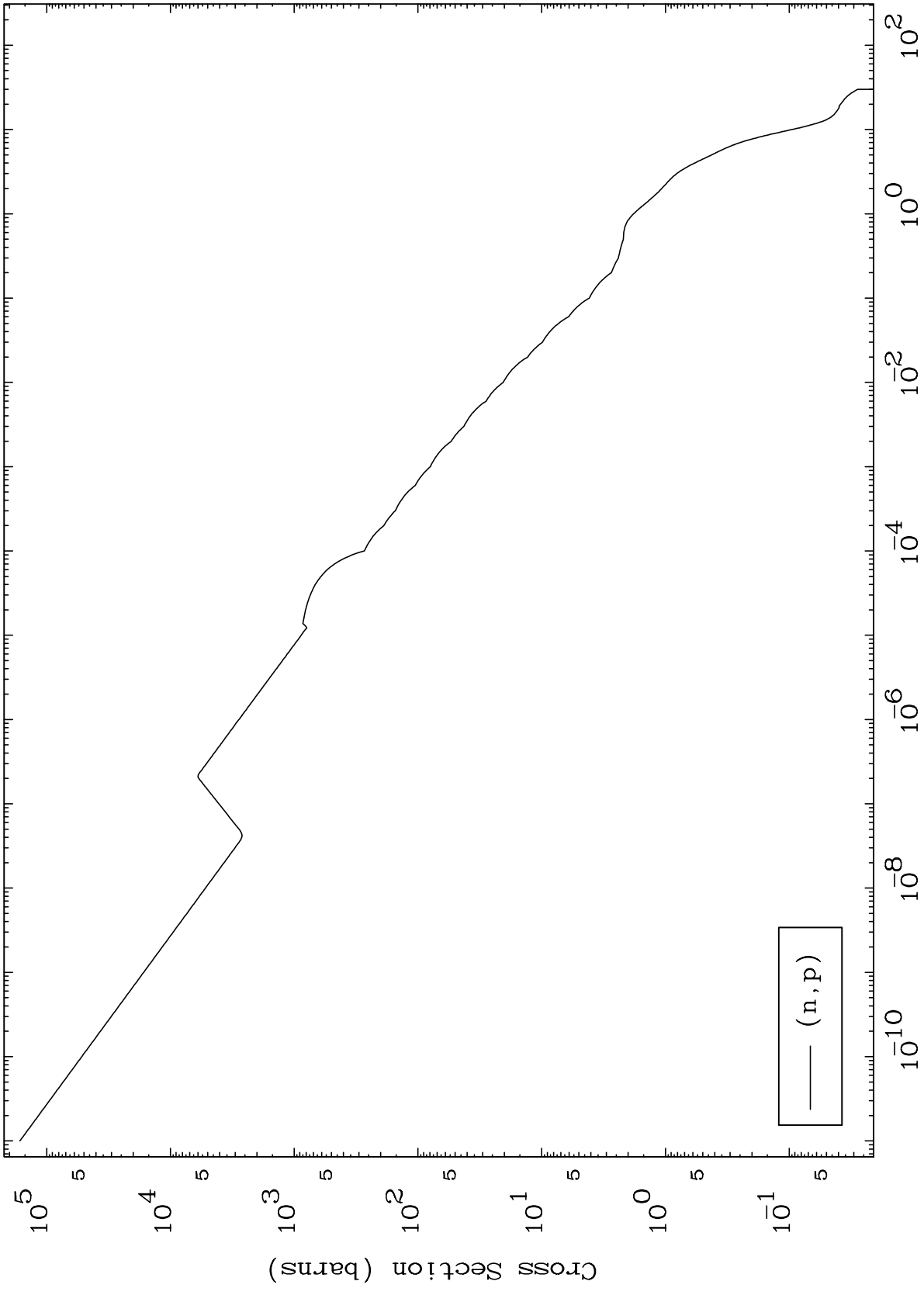
Incident Energy (MeV)

66-Dy-143

MAT 6586

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-143

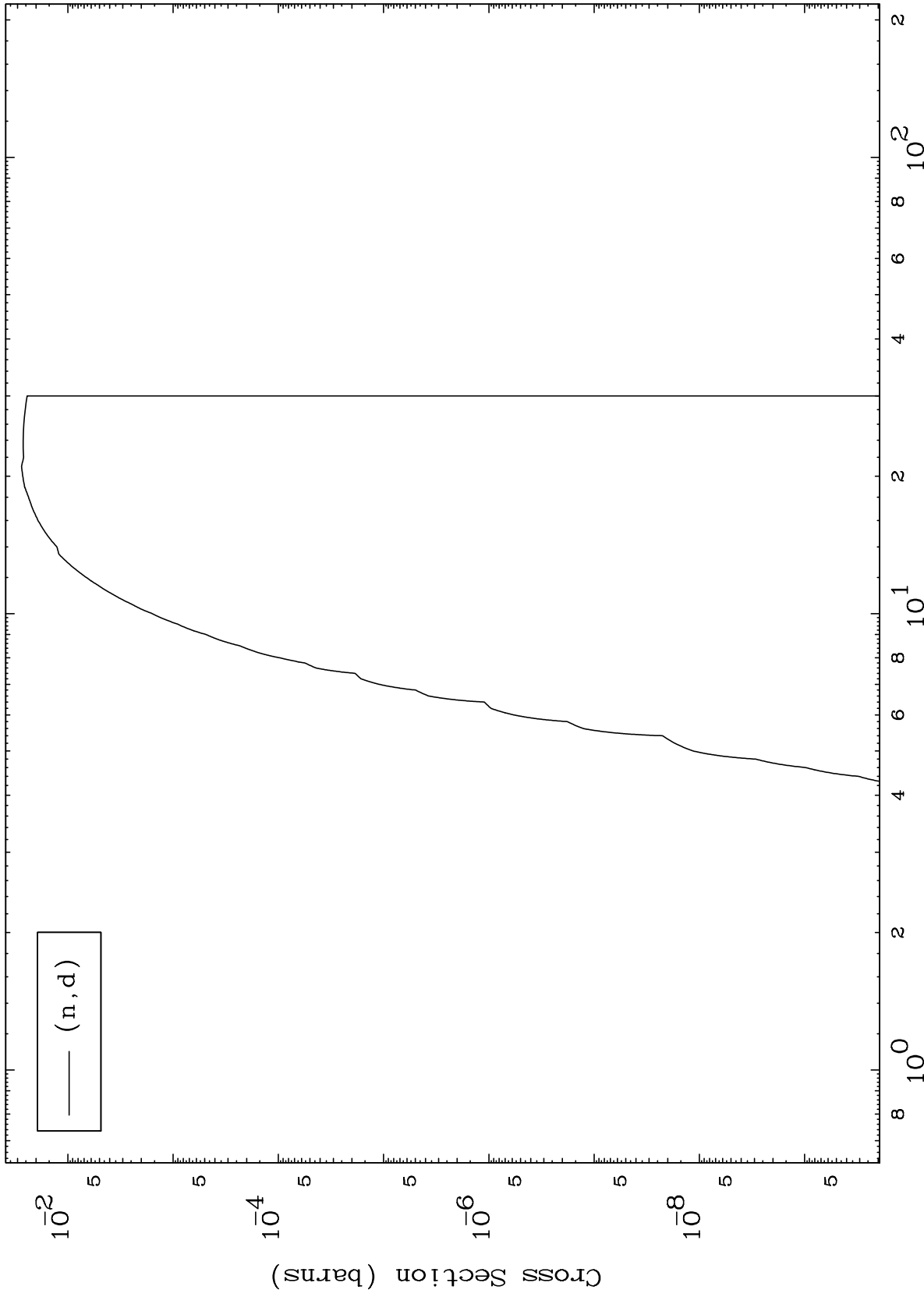


66-Dy-143

MAT 6586

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-143



10

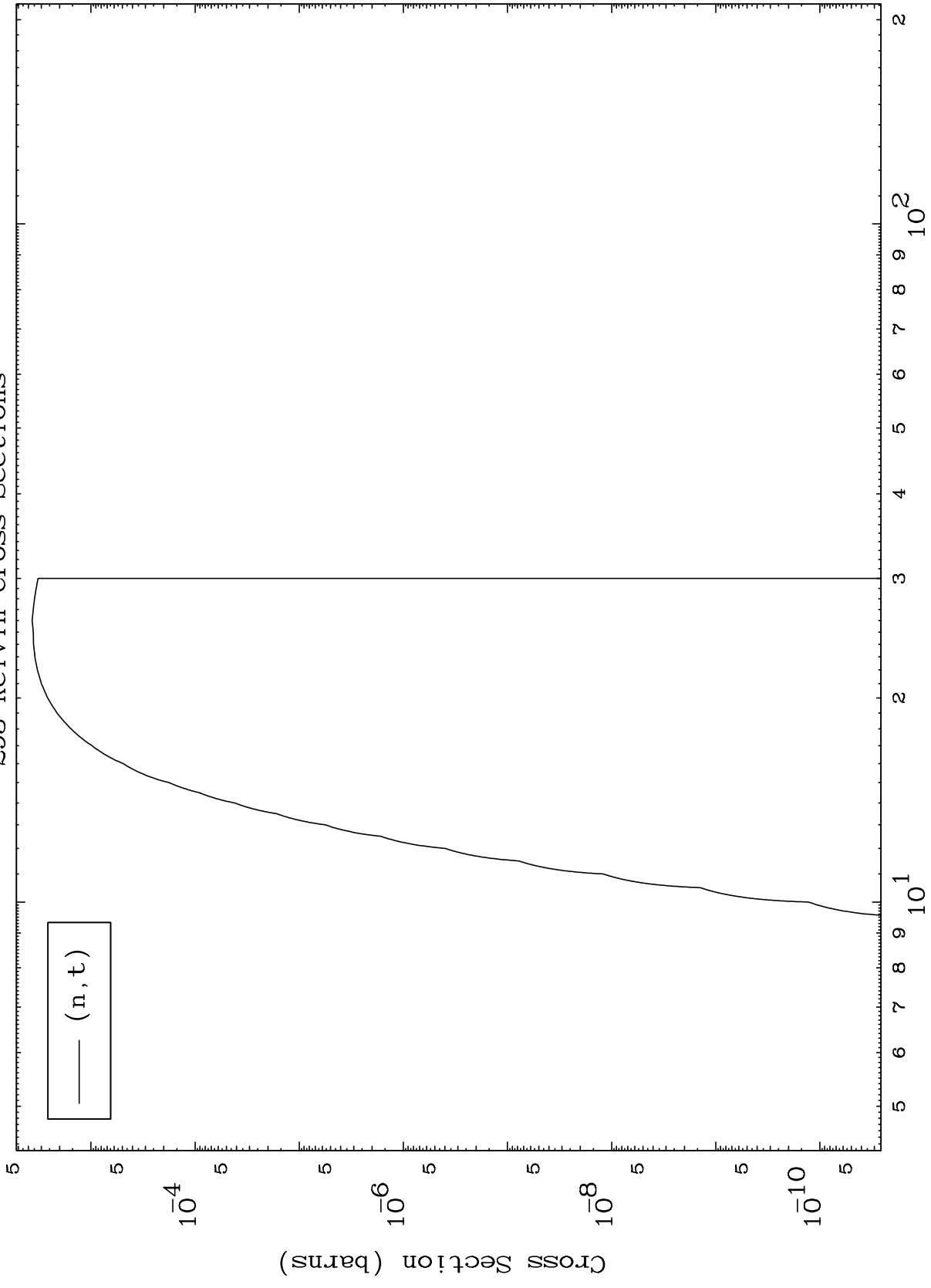
Incident Energy (MeV)

66-Dy-143

MAT 6586

(n,t) Levels
293 Kelvin Cross Sections

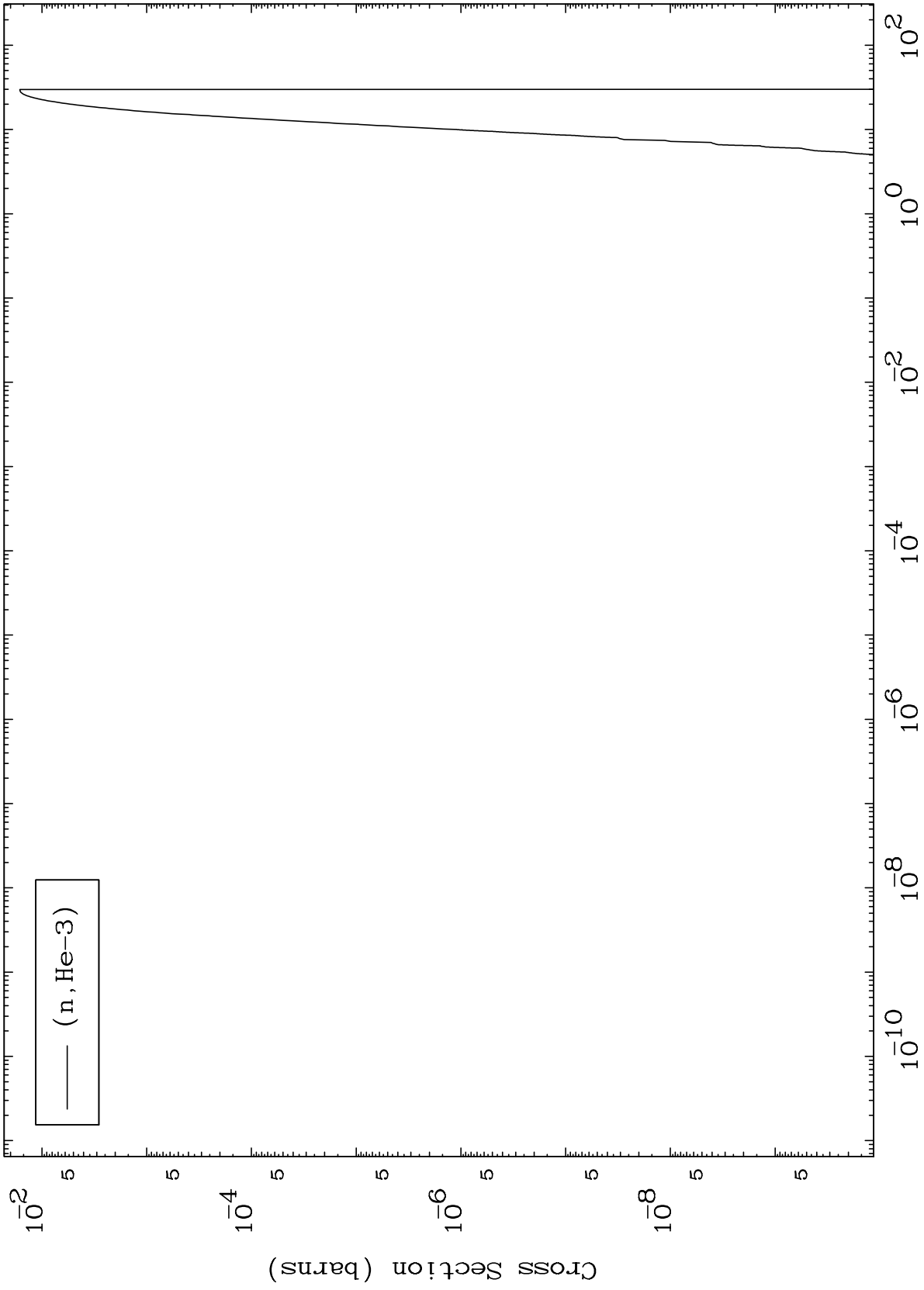
66-Dy-143



MAT 6586

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-143



12

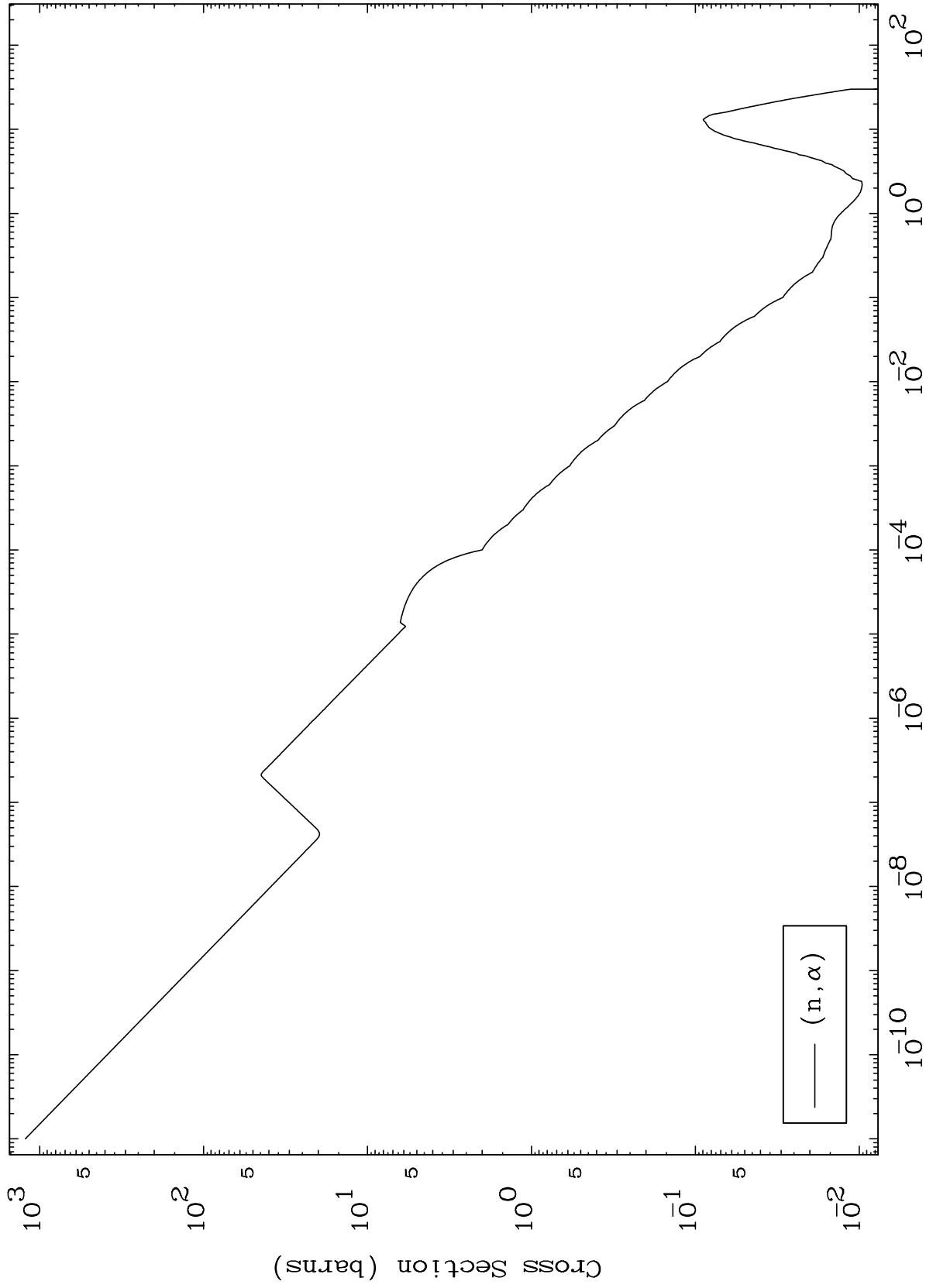
Incident Energy (MeV)

66-Dy-143

MAT 6586

(n,α) Levels
293 Kelvin Cross Sections

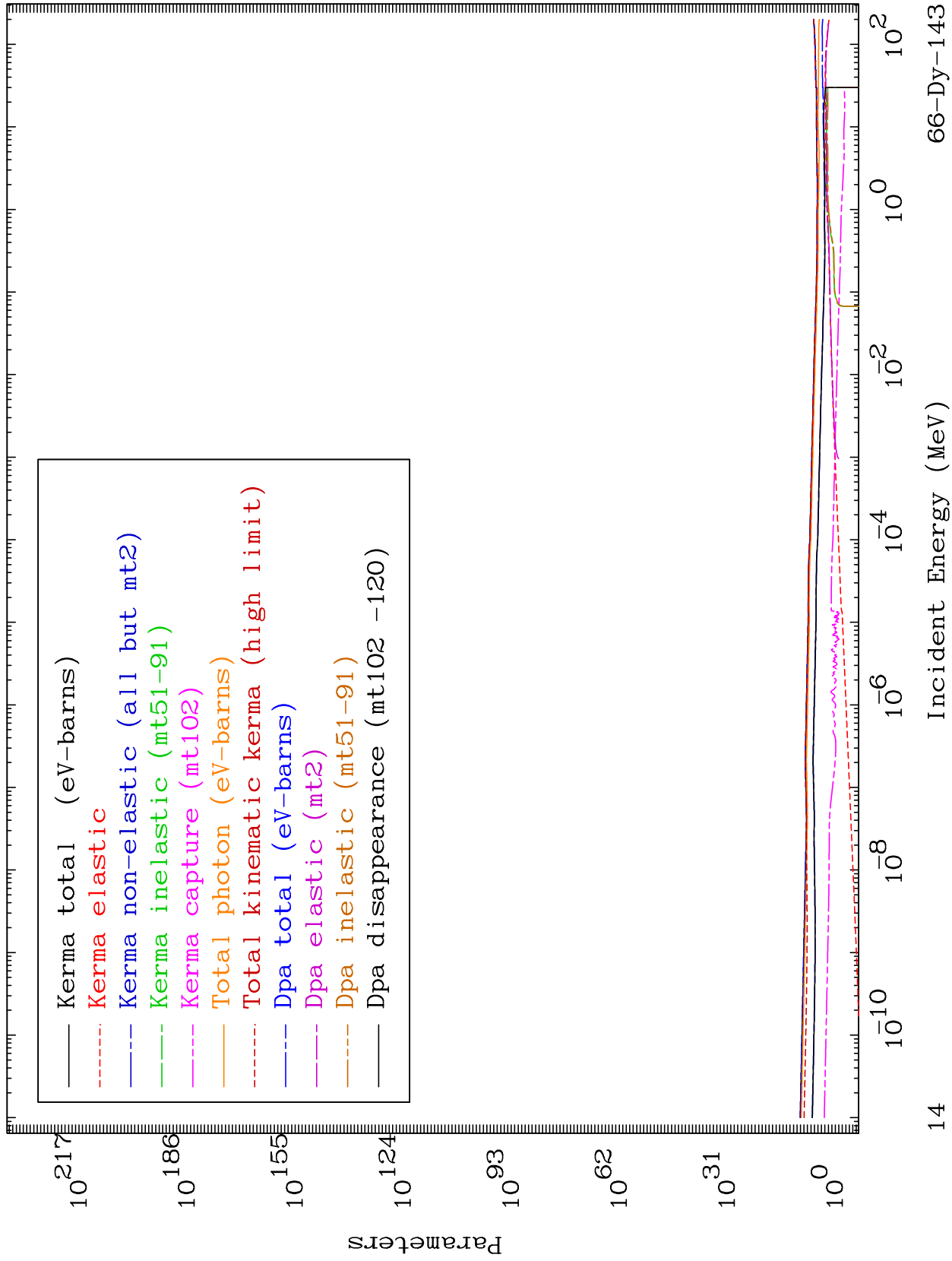
66-Dy-143



13

Incident Energy (MeV)

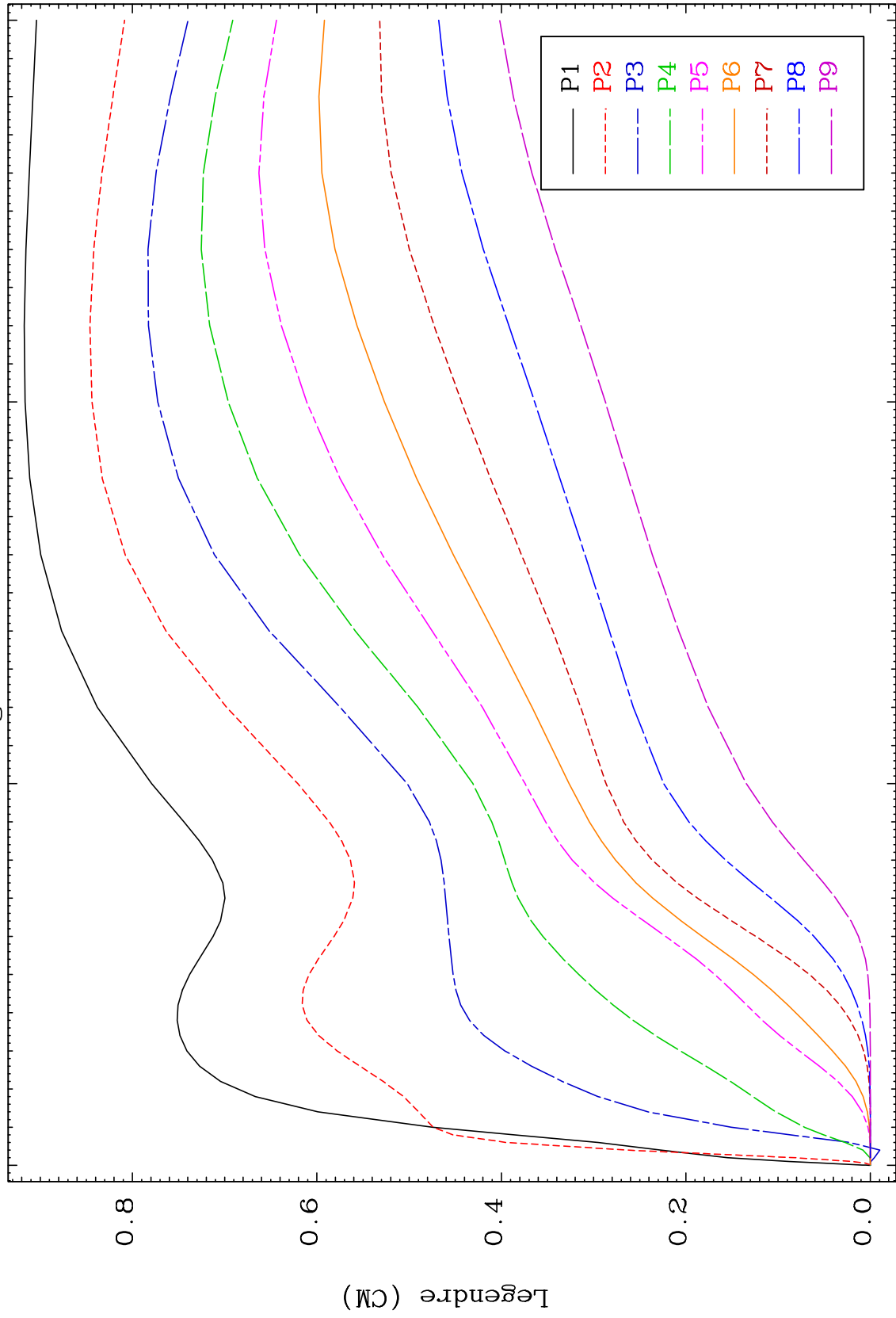
66-Dy-143



MAT 6586

Elastic Legendre Coefficients

66-Dy-143



15

Incident Energy (MeV)

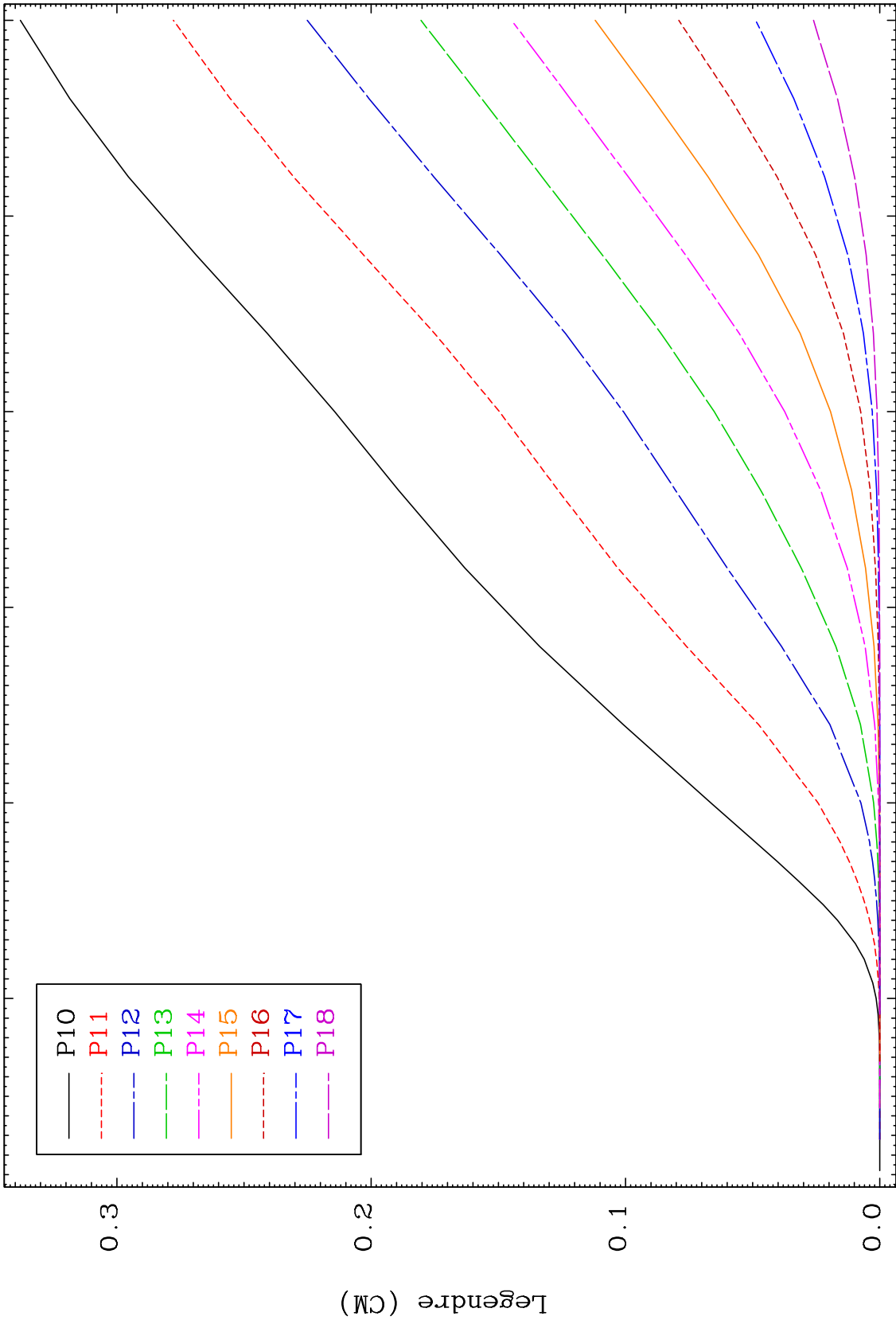
66-Dy-143

30

MAT 6586

Elastic Legendre Coefficients

66-Dy-143



16

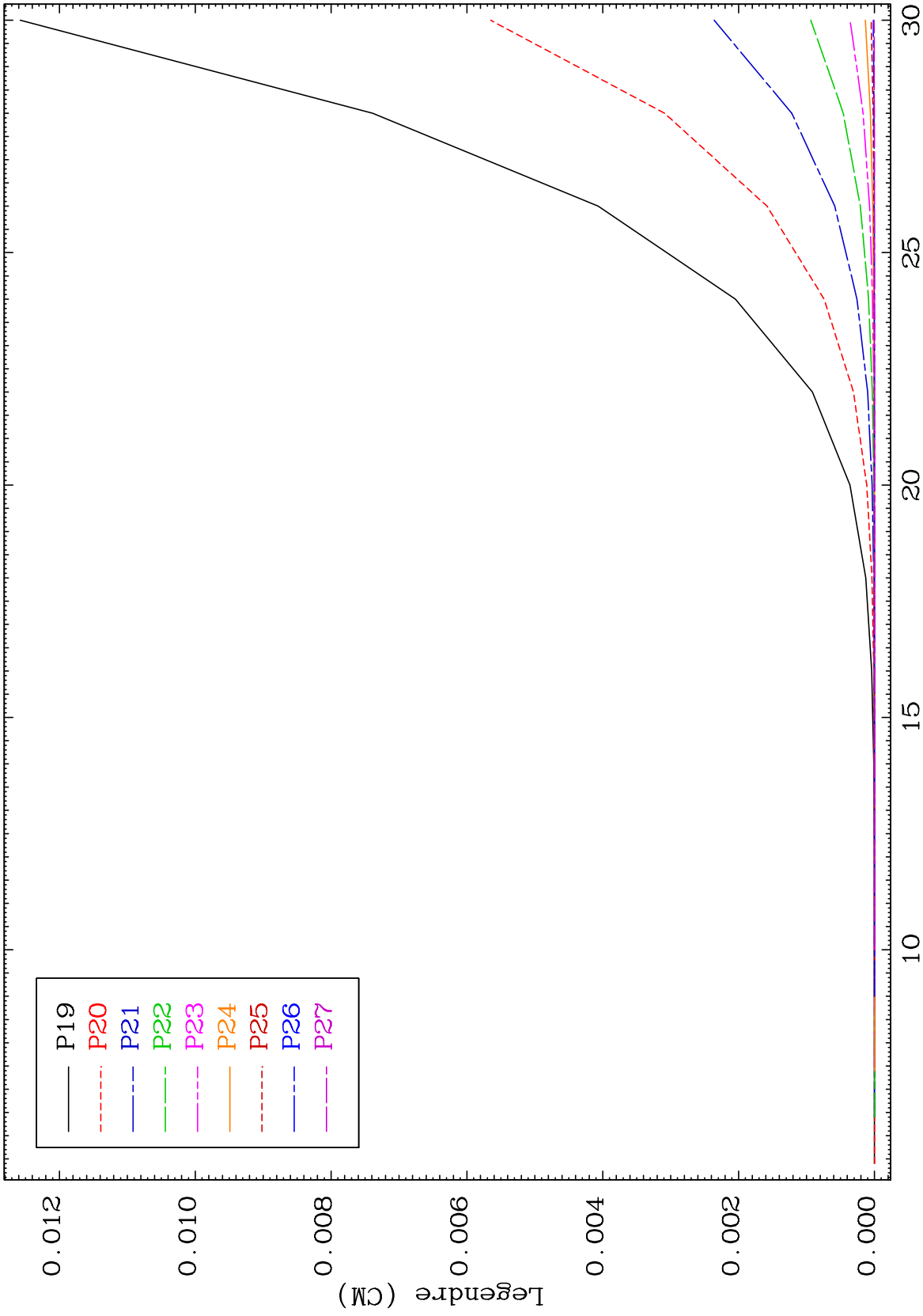
Incident Energy (MeV)

66-Dy-143

MAT 6586

Elastic Legendre Coefficients

66-Dy-143



17

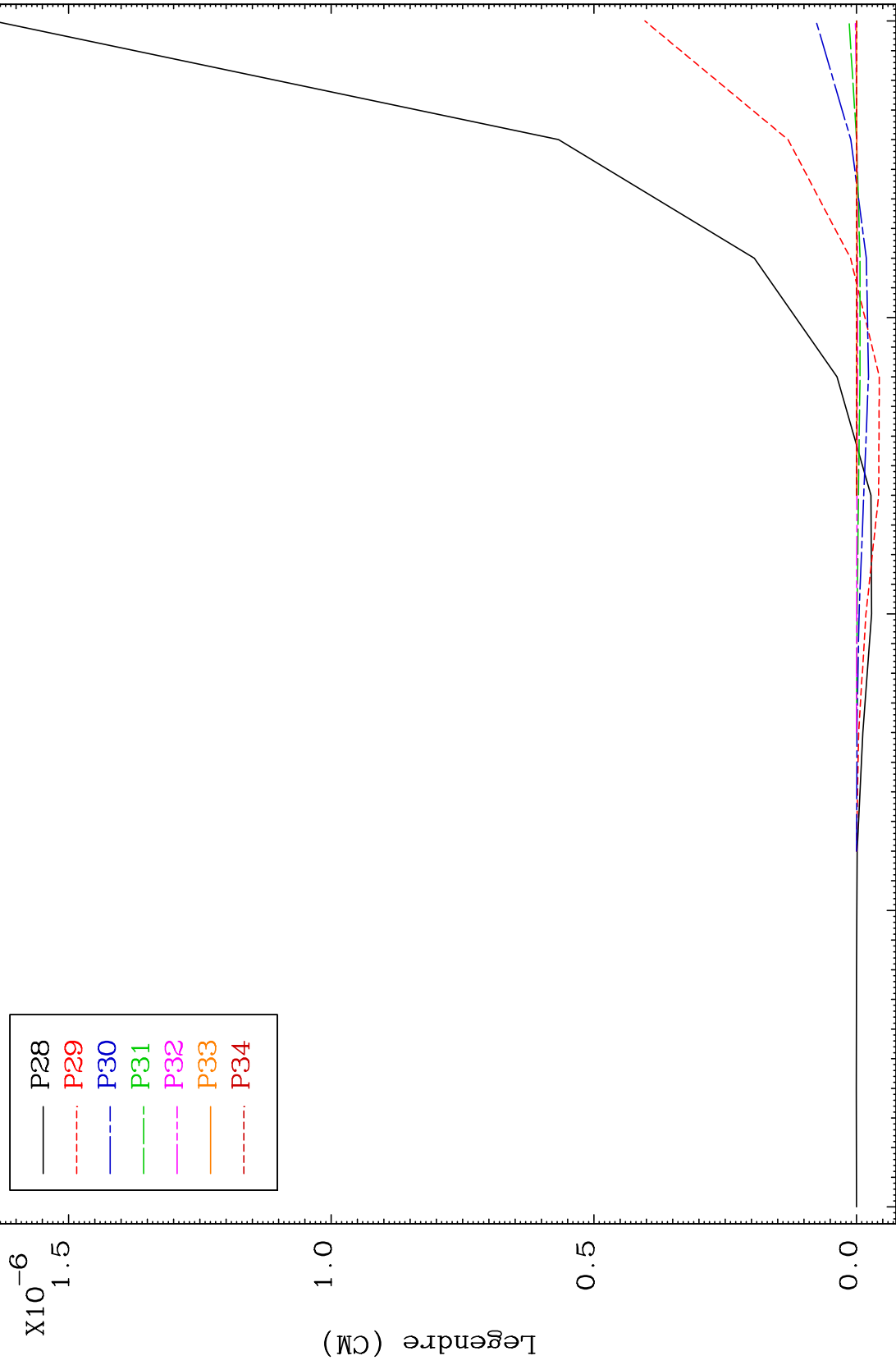
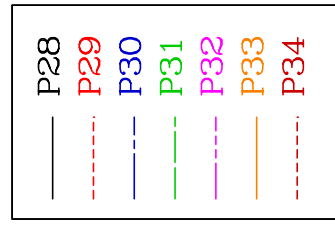
Incident Energy (MeV)

66-Dy-143

MAT 6586

Elastic Legendre Coefficients

66-Dy-143



10

15

20

25

30

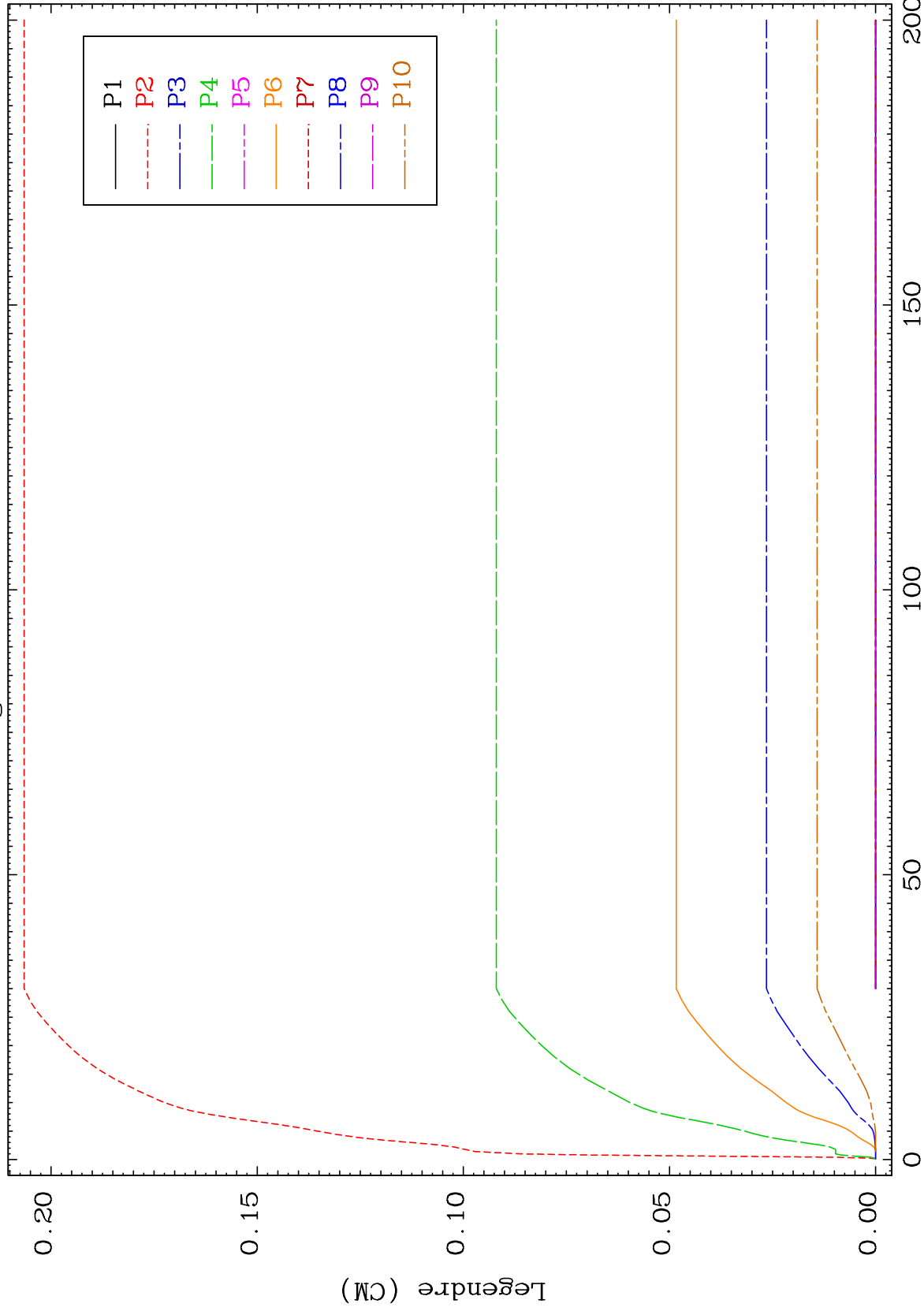
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



19

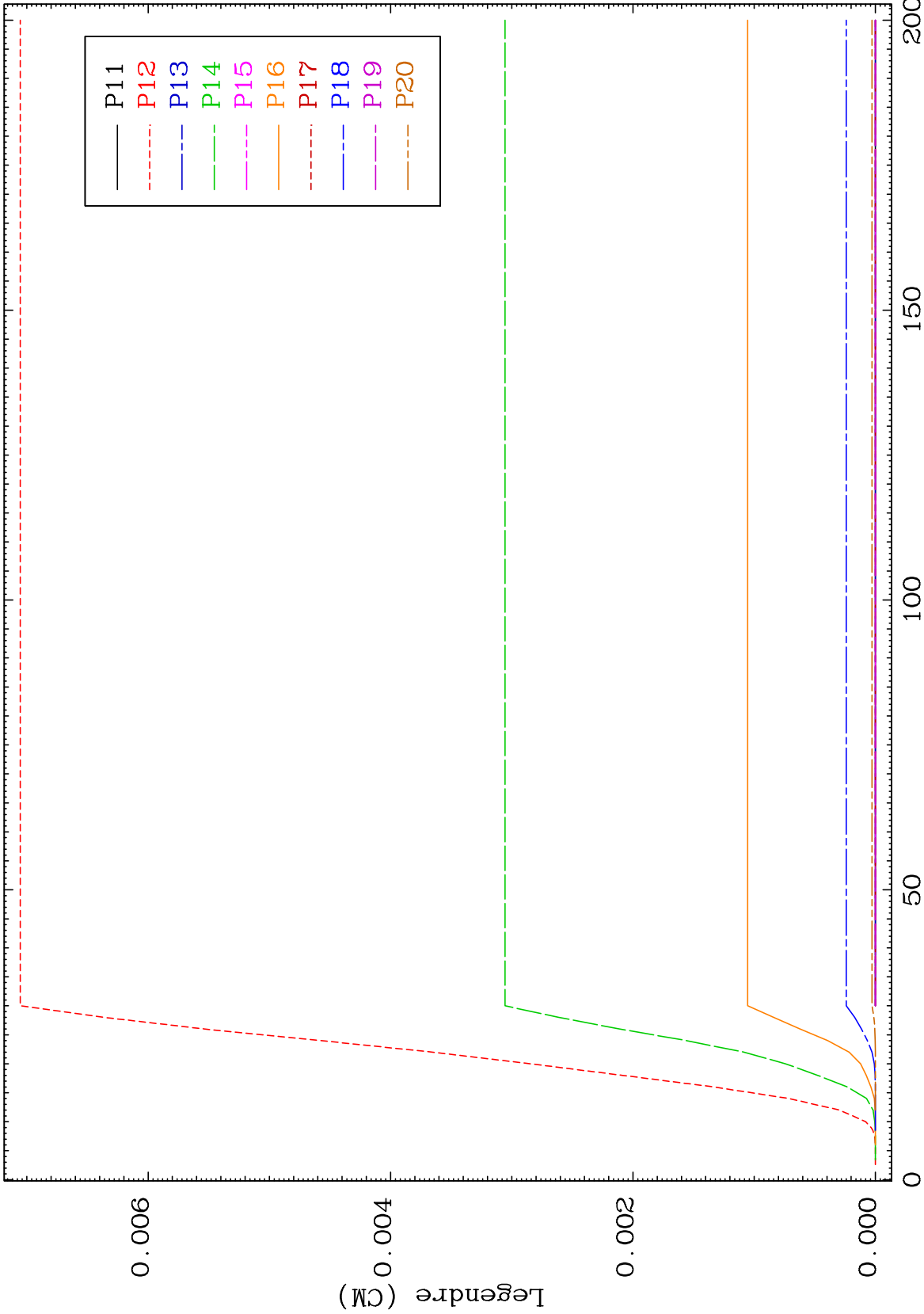
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



20

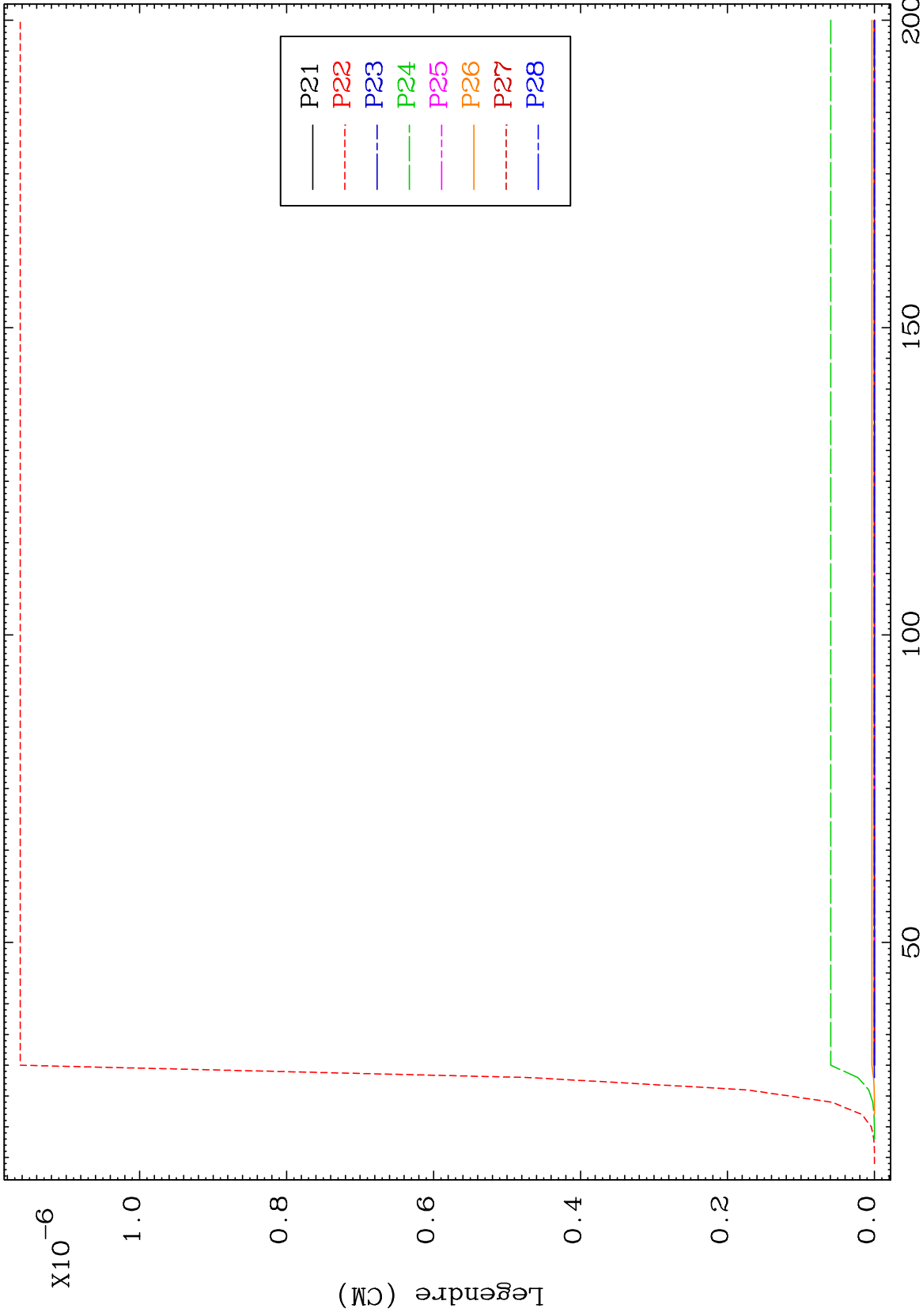
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



21

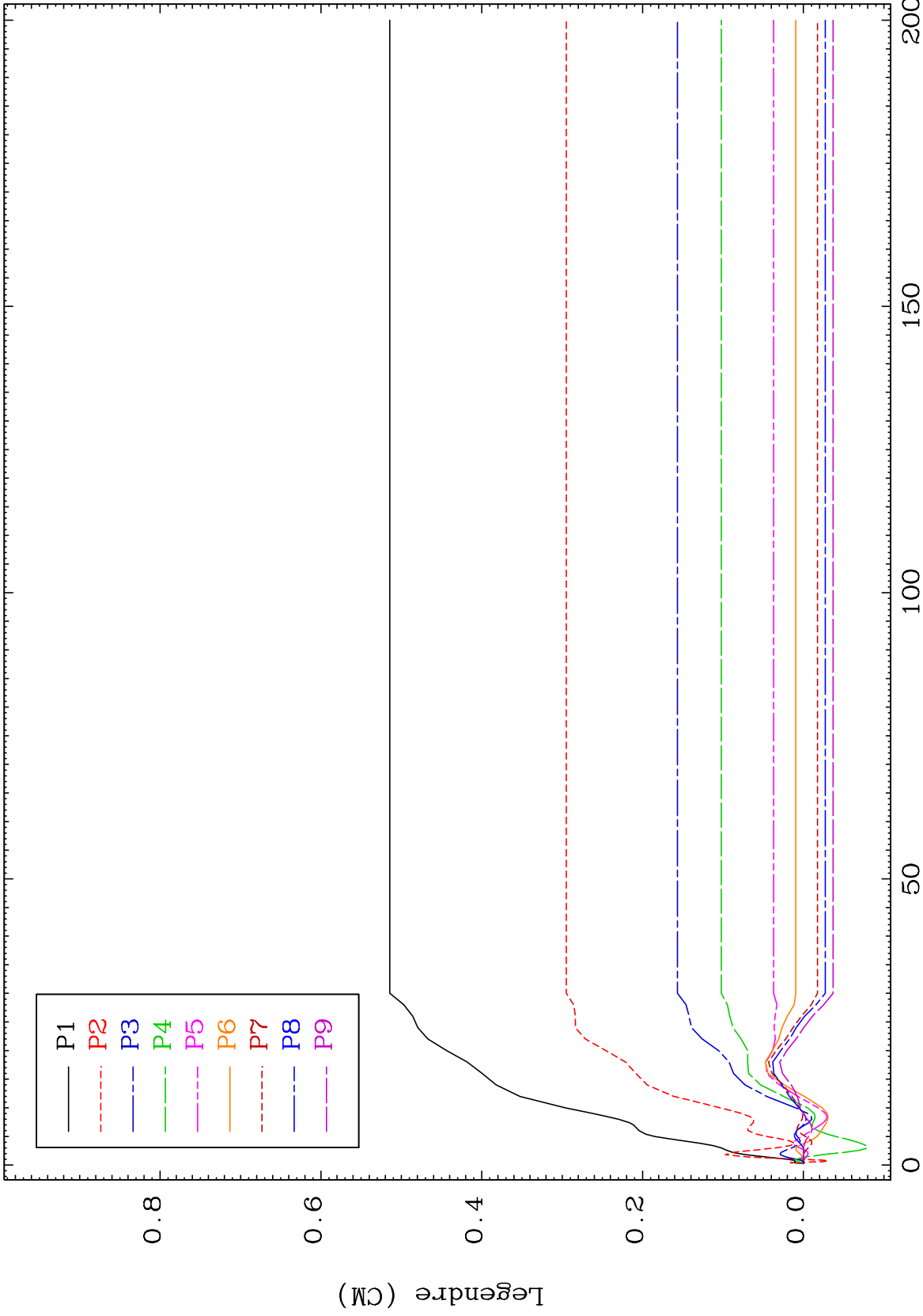
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



22

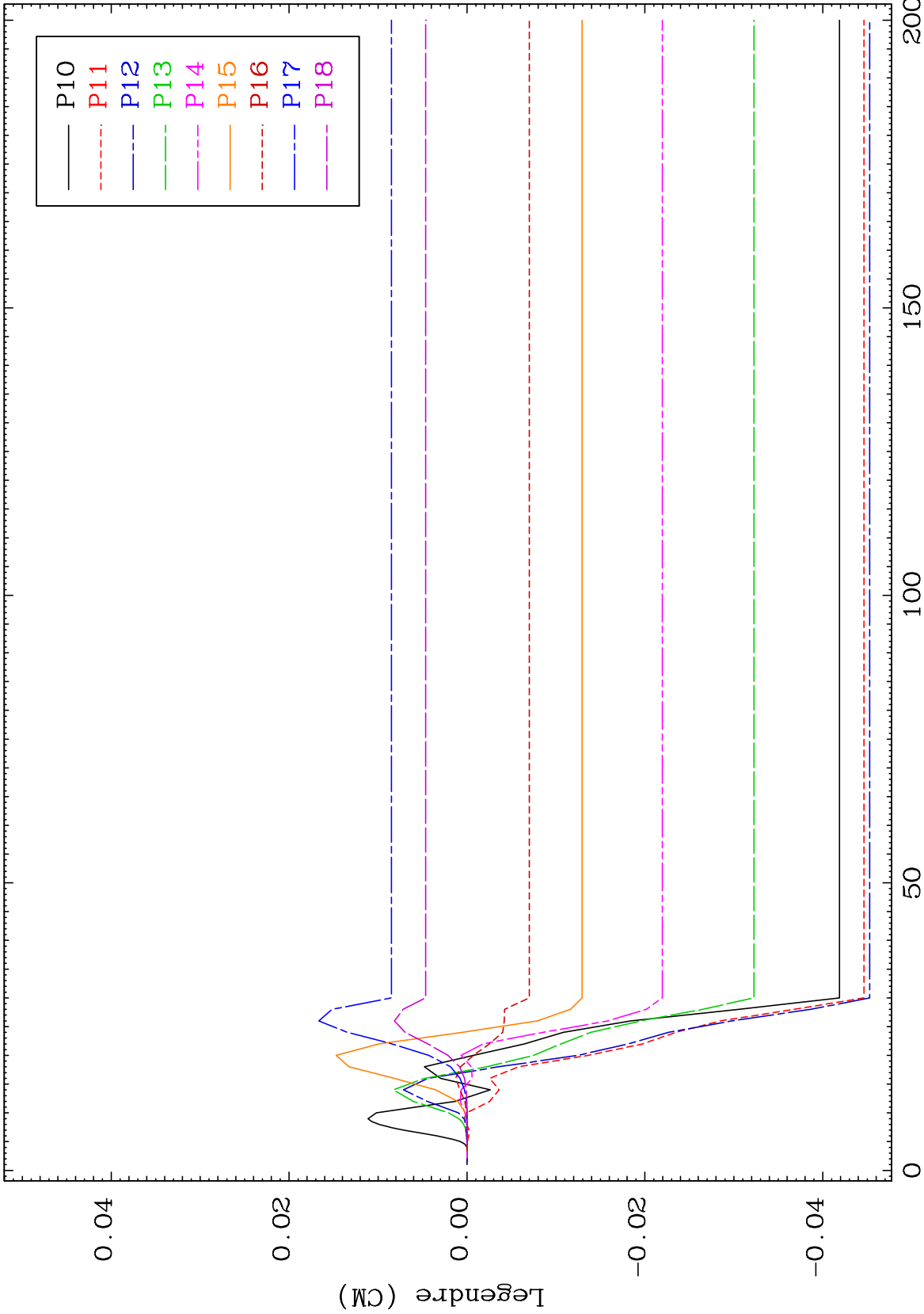
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



23

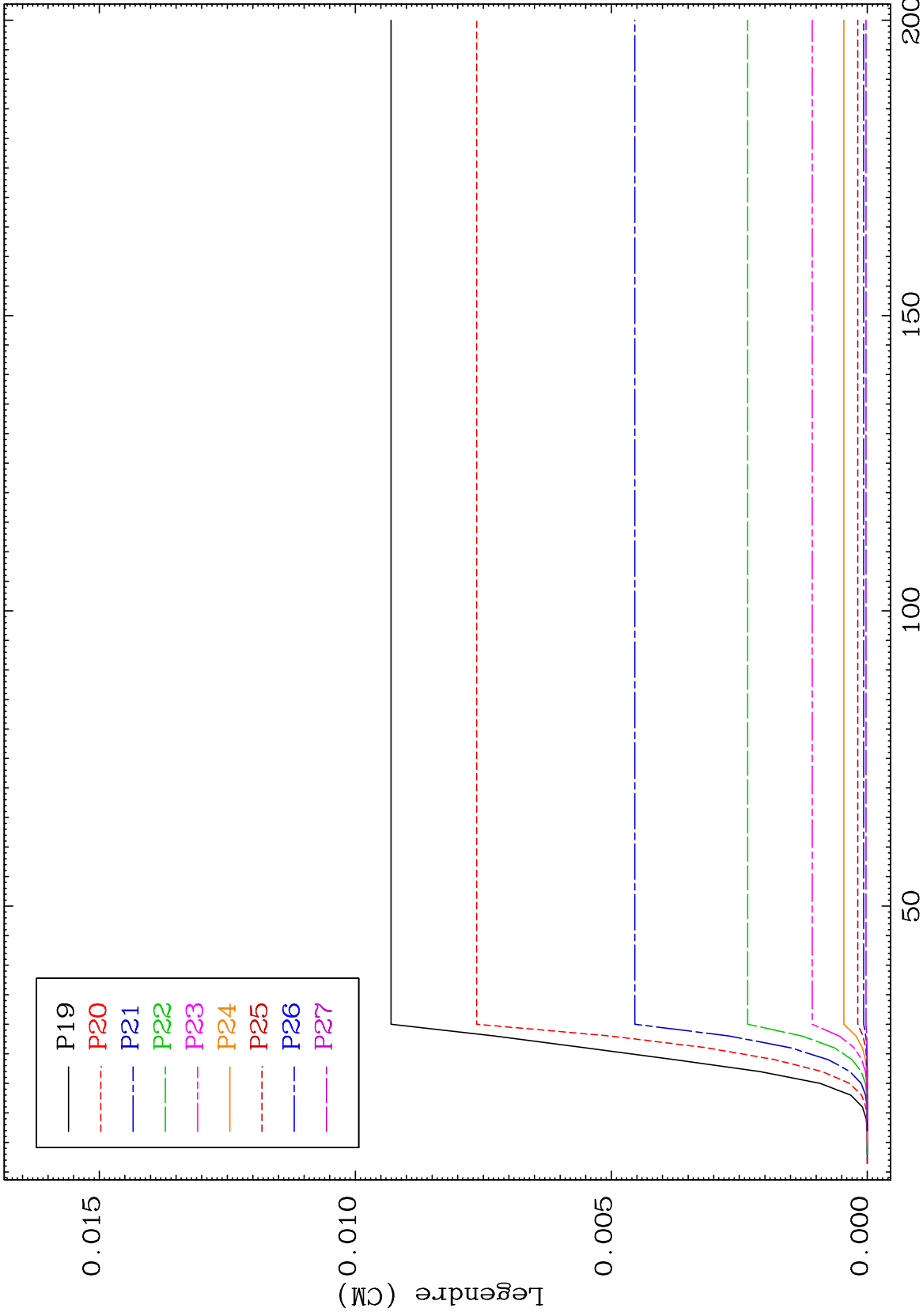
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



24

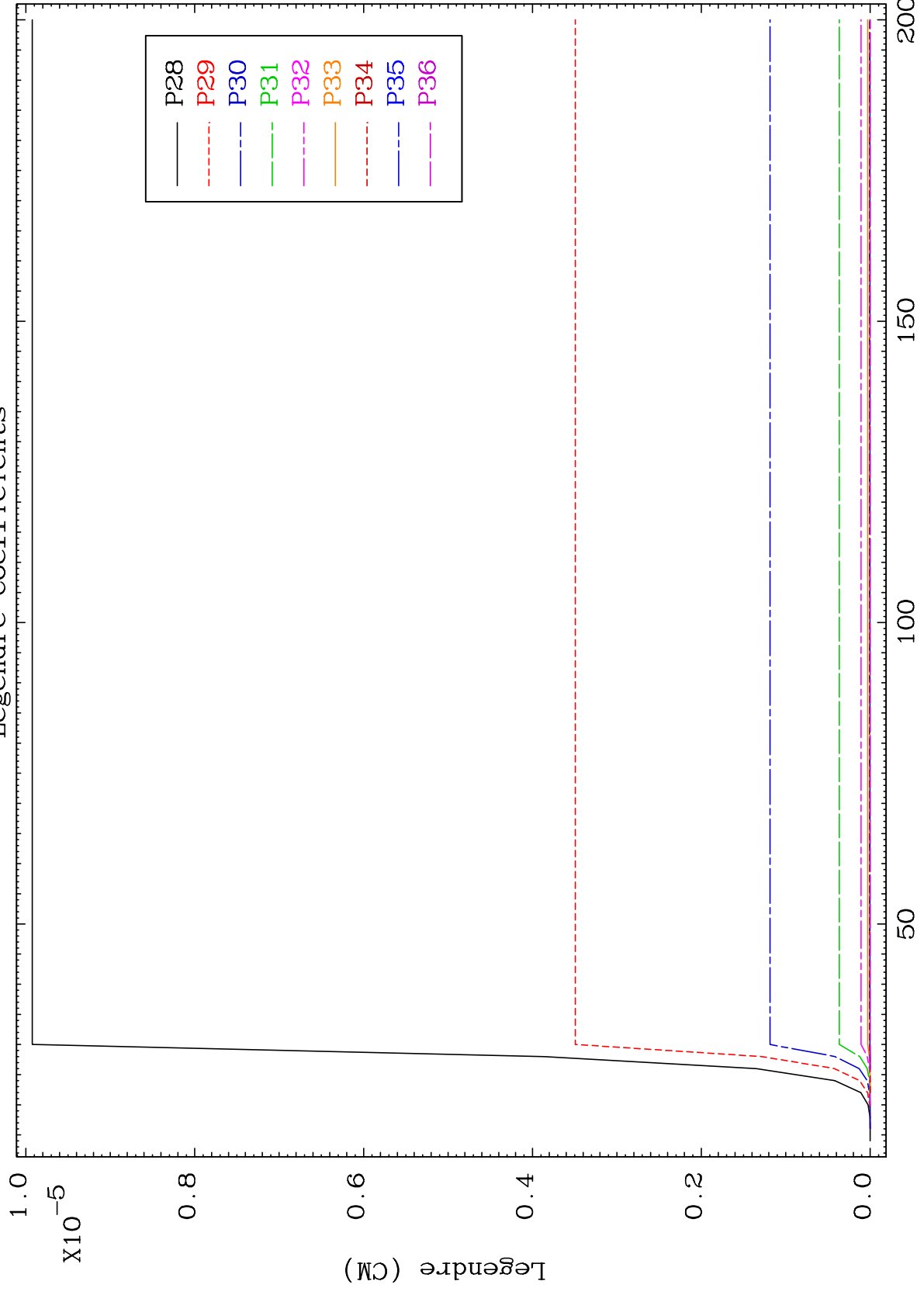
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143

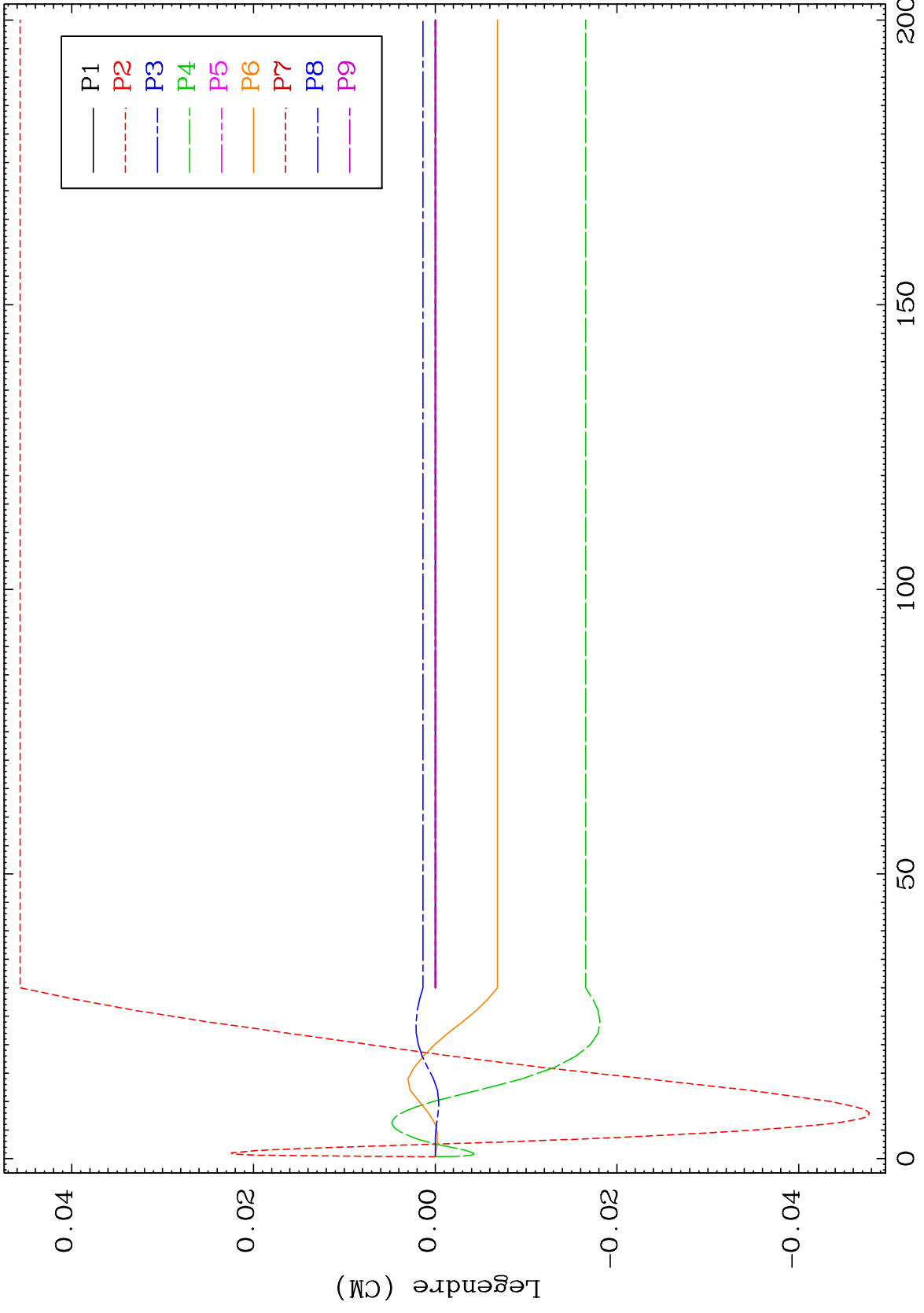


25

Incident Energy (MeV)

66-Dy-143

MAT 6586 MT= 53 (n,n') Level Legendre Coefficients 66-Dy-143

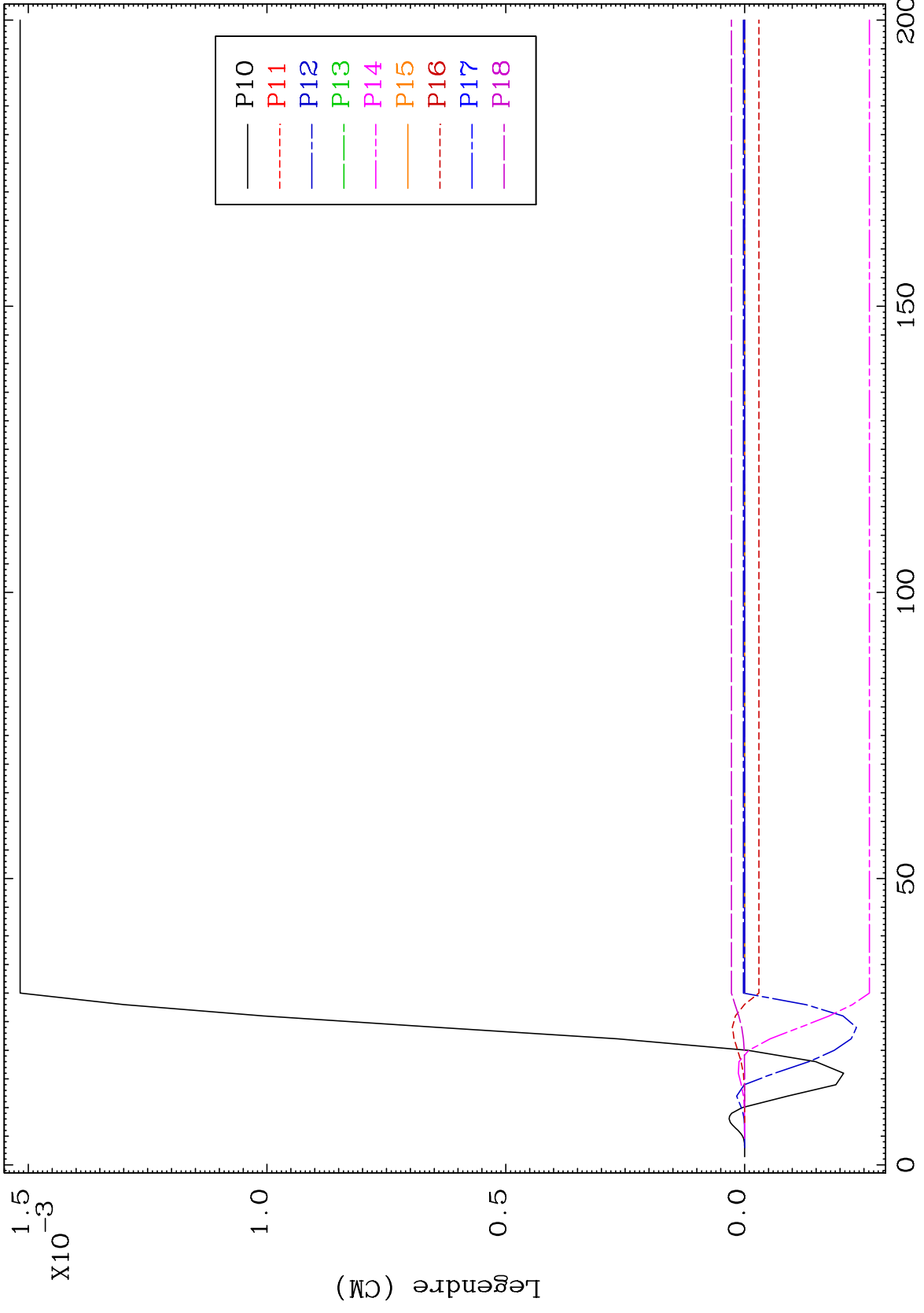


26 66-Dy-143

MAT 6586

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

66-Dy-143



27

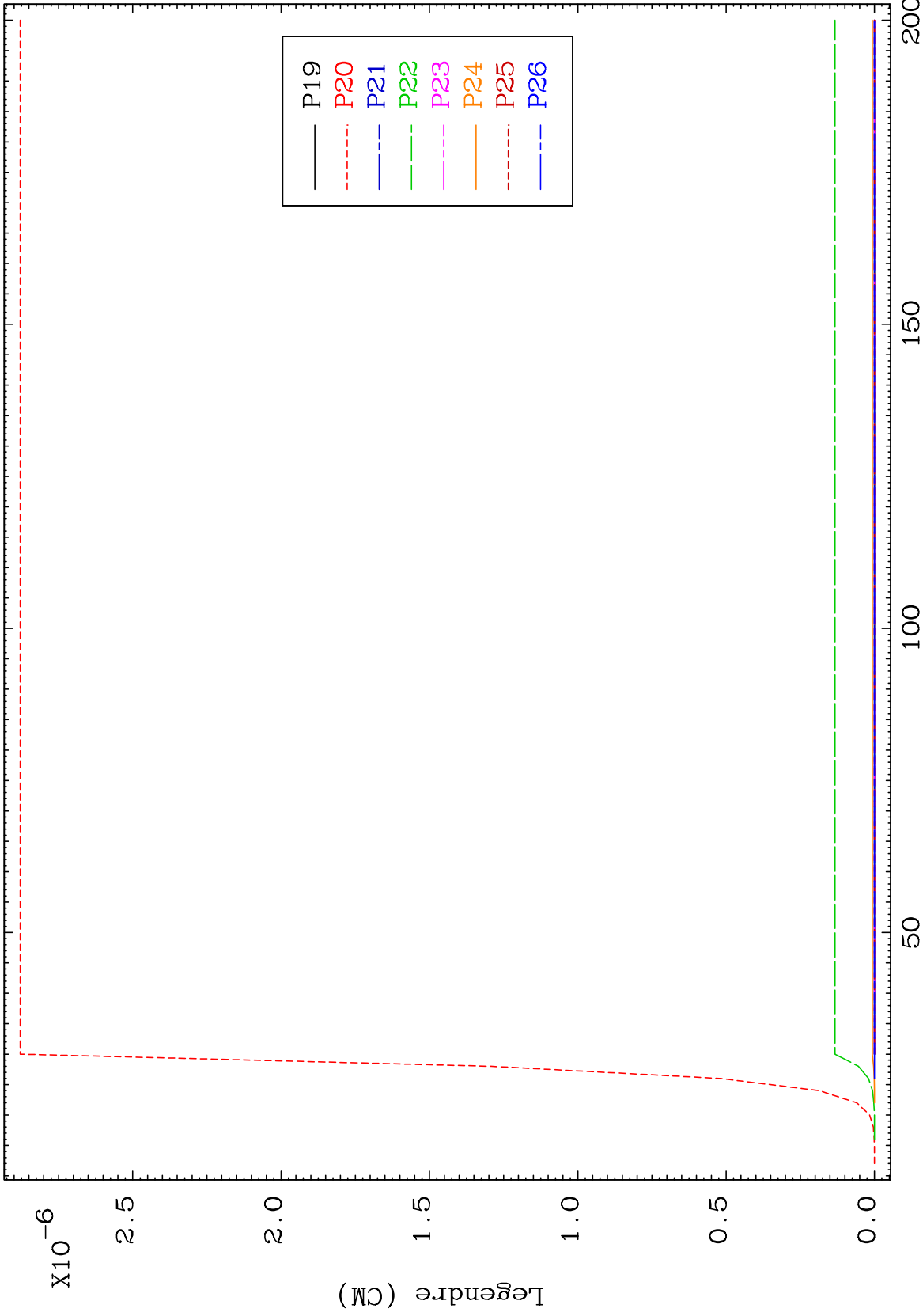
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



28

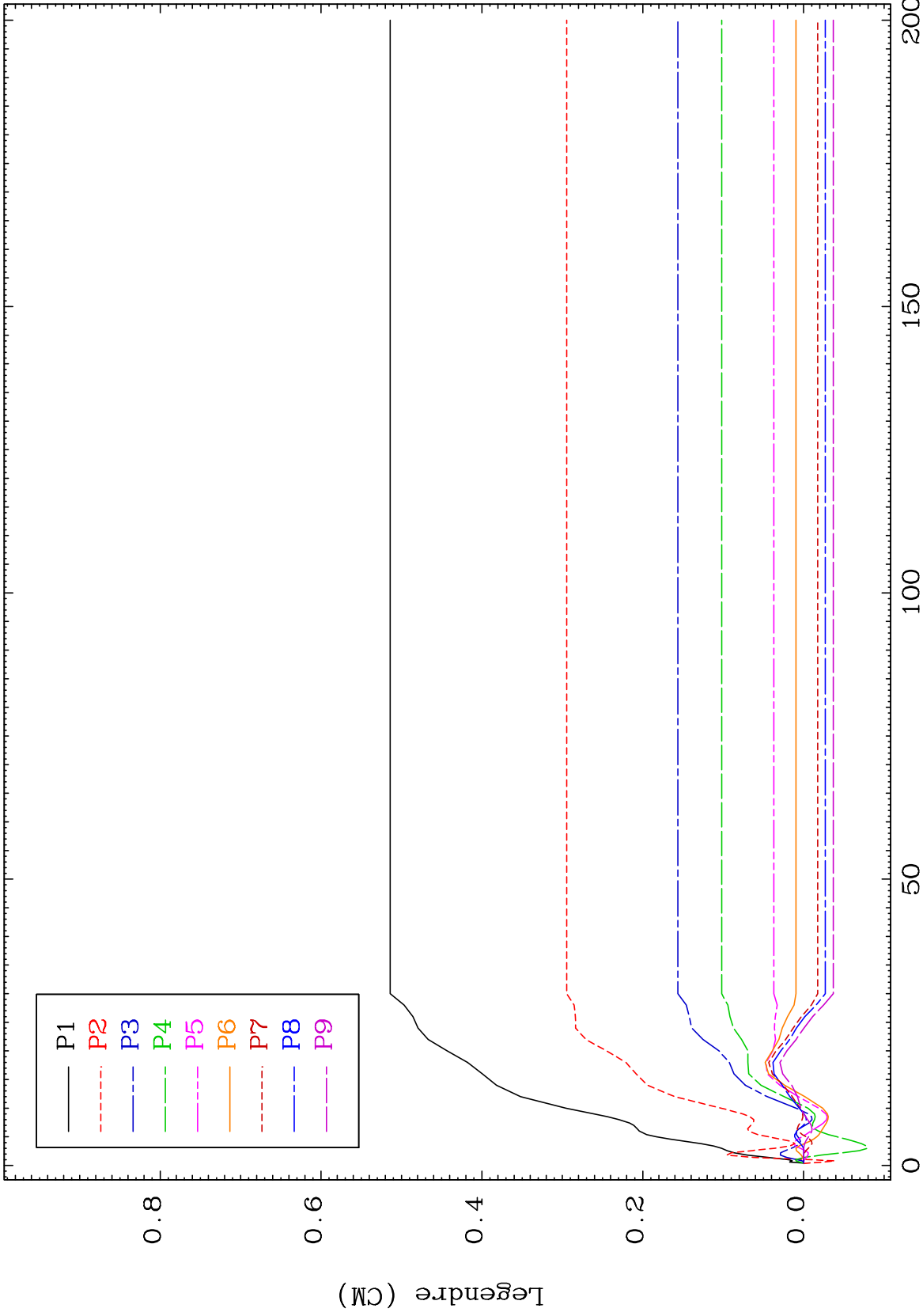
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



29

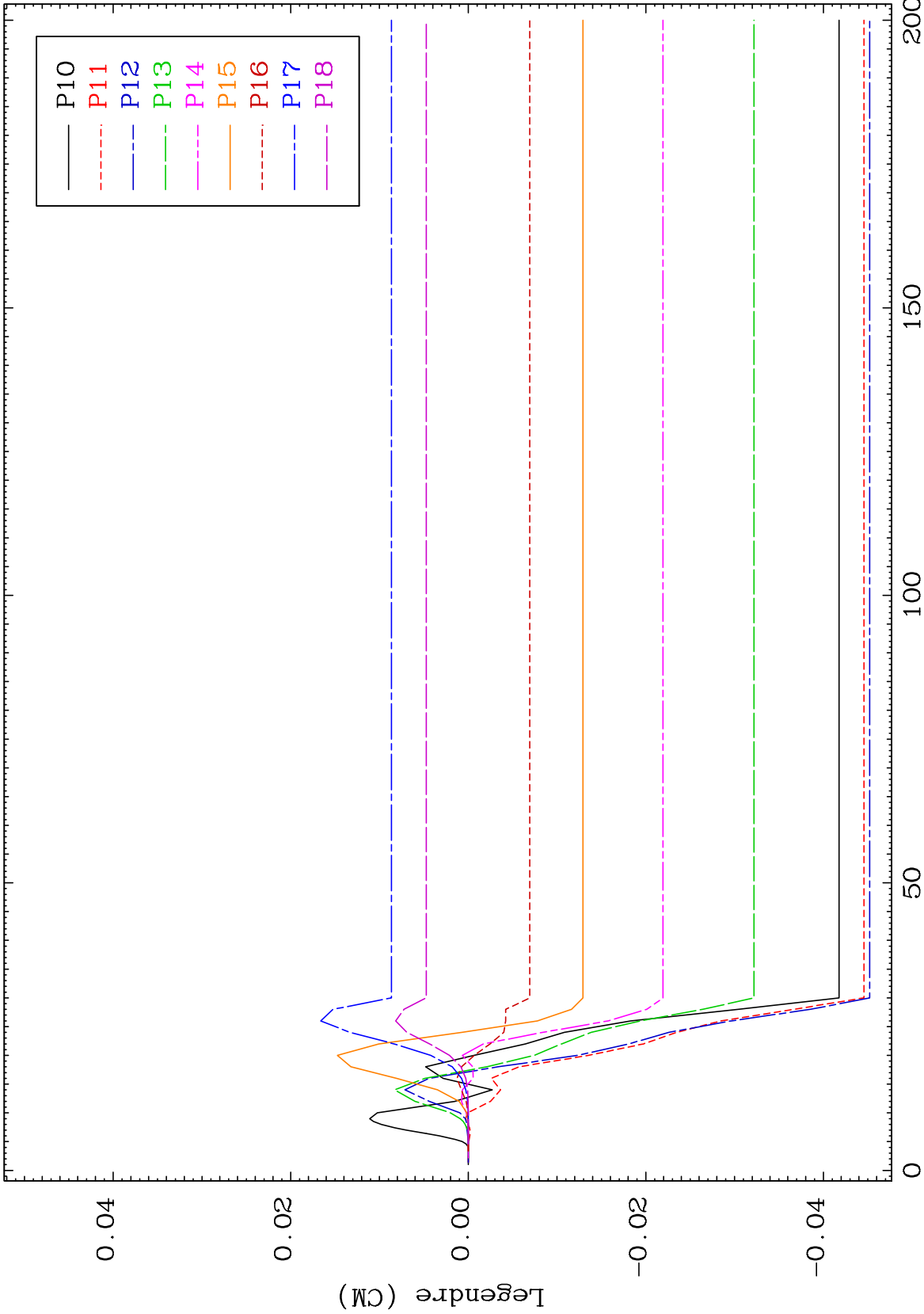
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



0

50

100

150

200

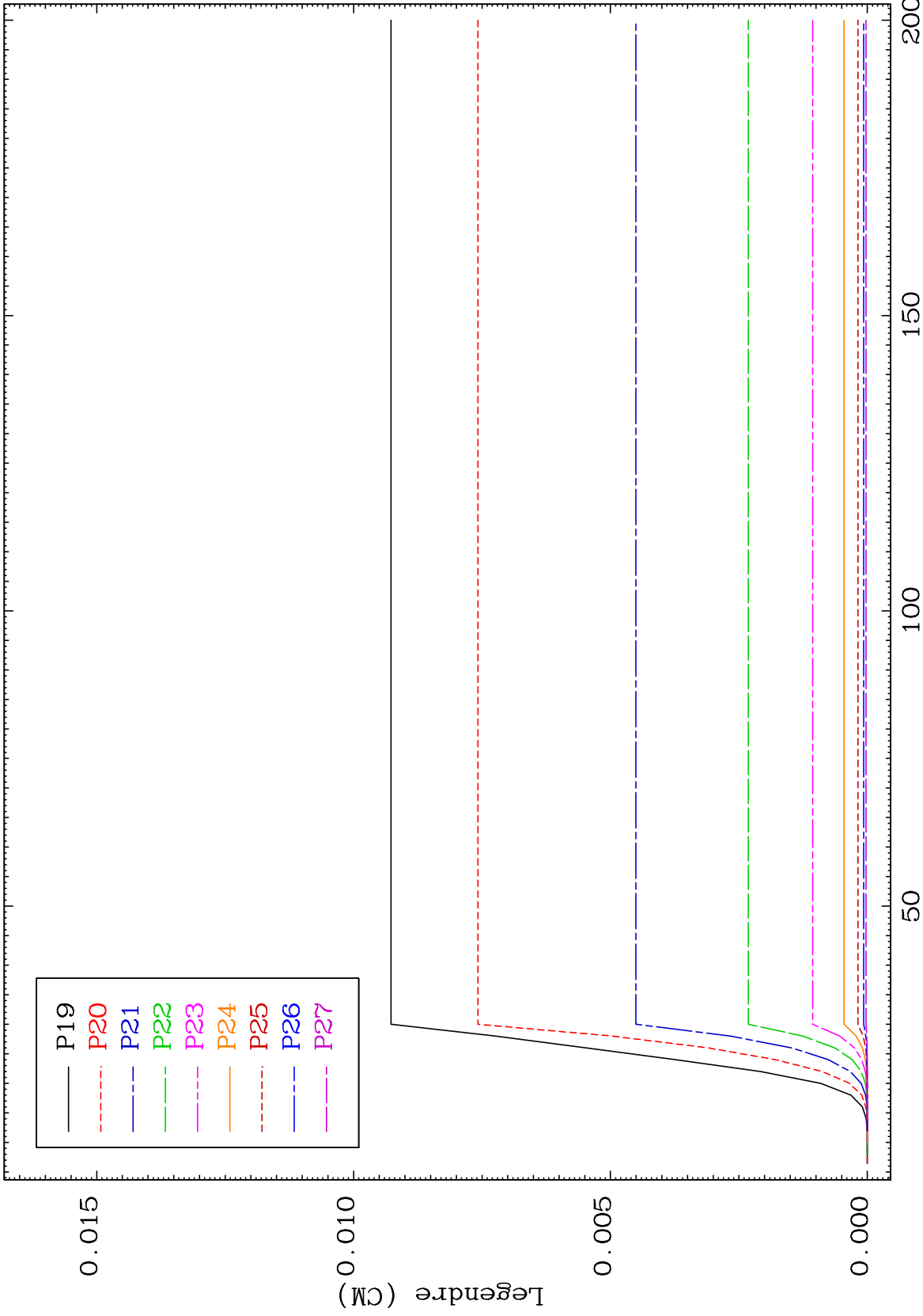
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



31

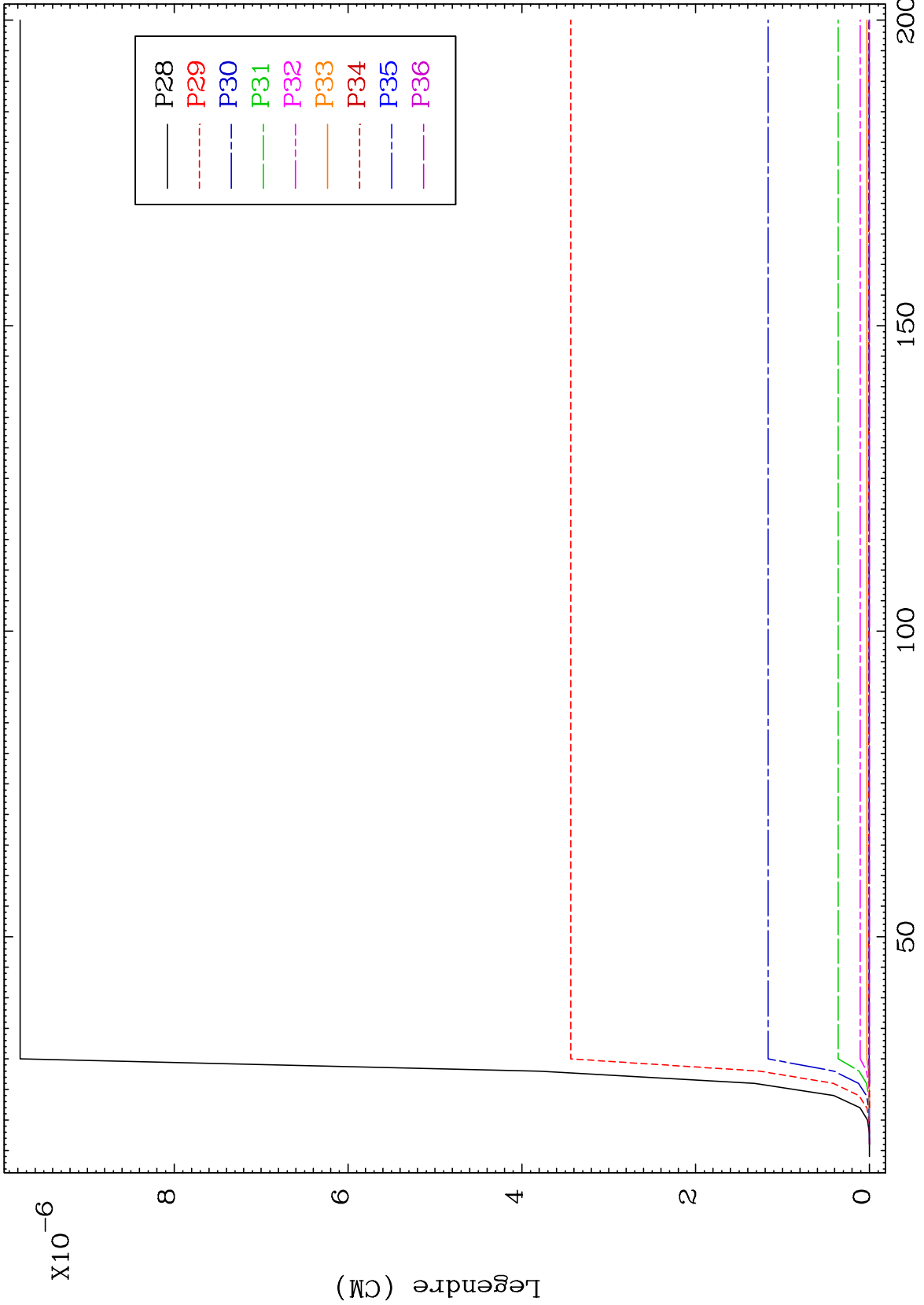
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143

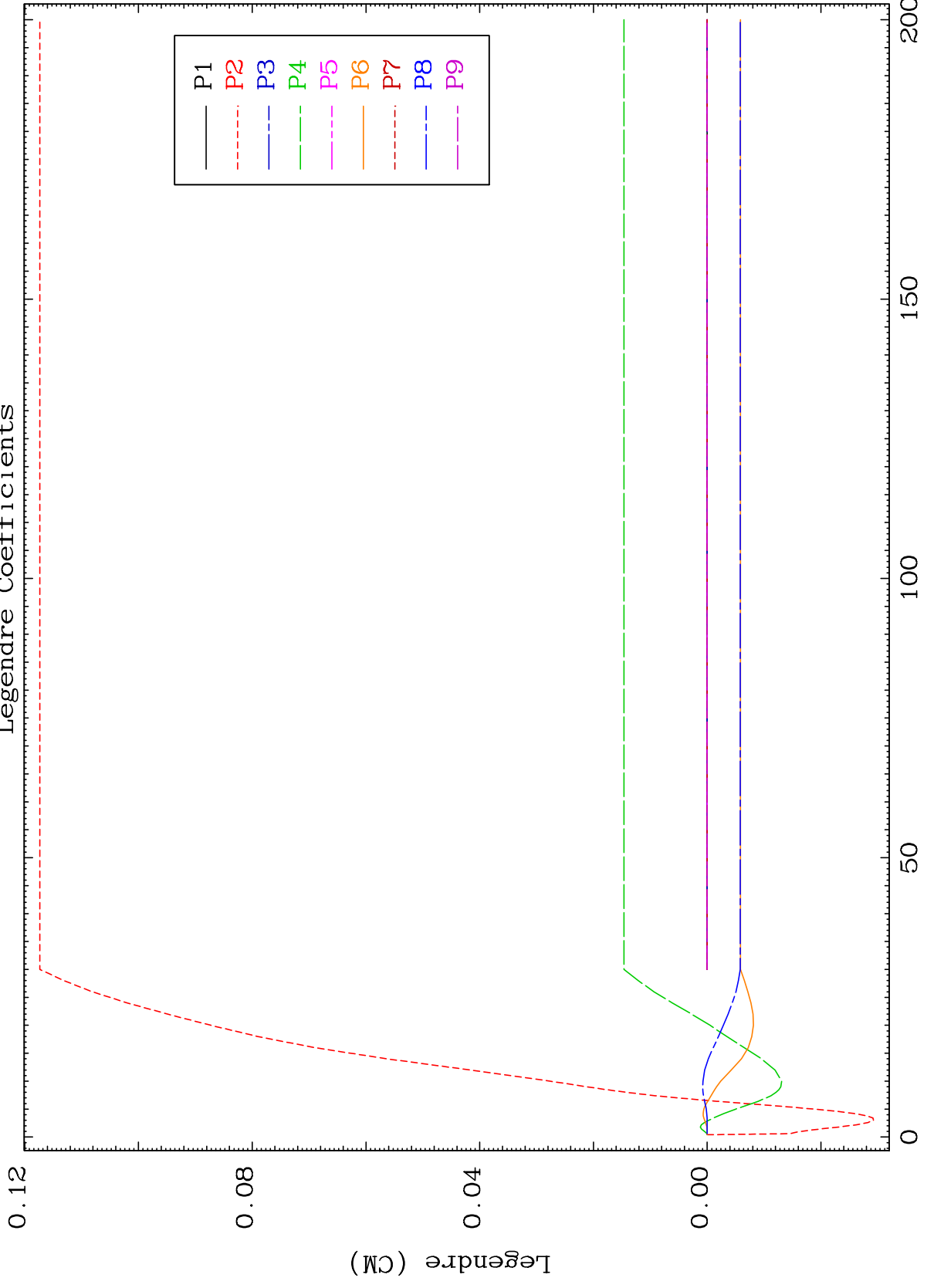


32

Incident Energy (MeV)

66-Dy-143

MAT 6586 MT= 55 (n,n') Level Legendre Coefficients 66-Dy-143

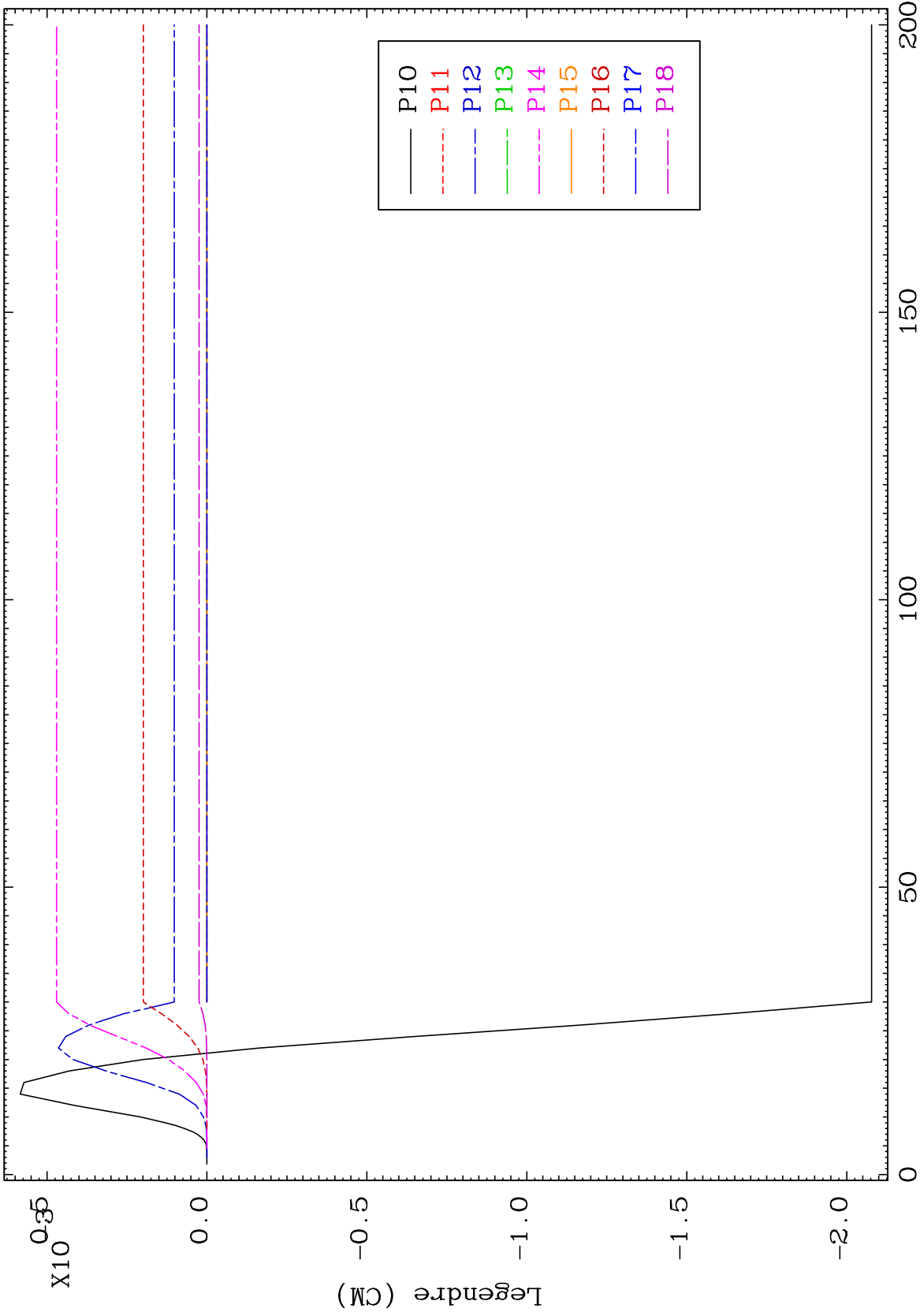


33 Incident Energy (MeV) 66-Dy-143

MAT 6586

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

66-Dy-143



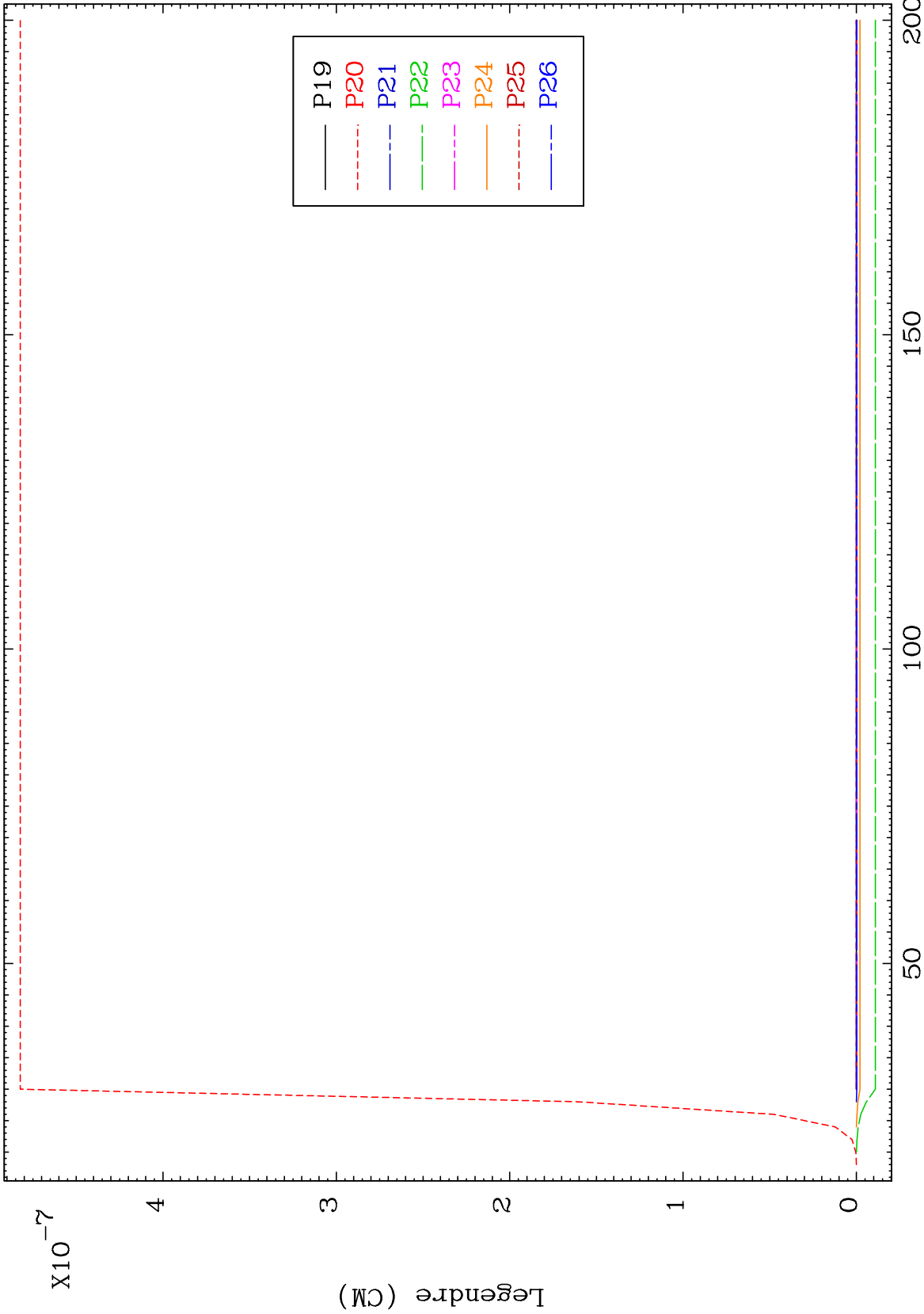
34

66-Dy-143

MAT 6586

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

66-Dy-143



35

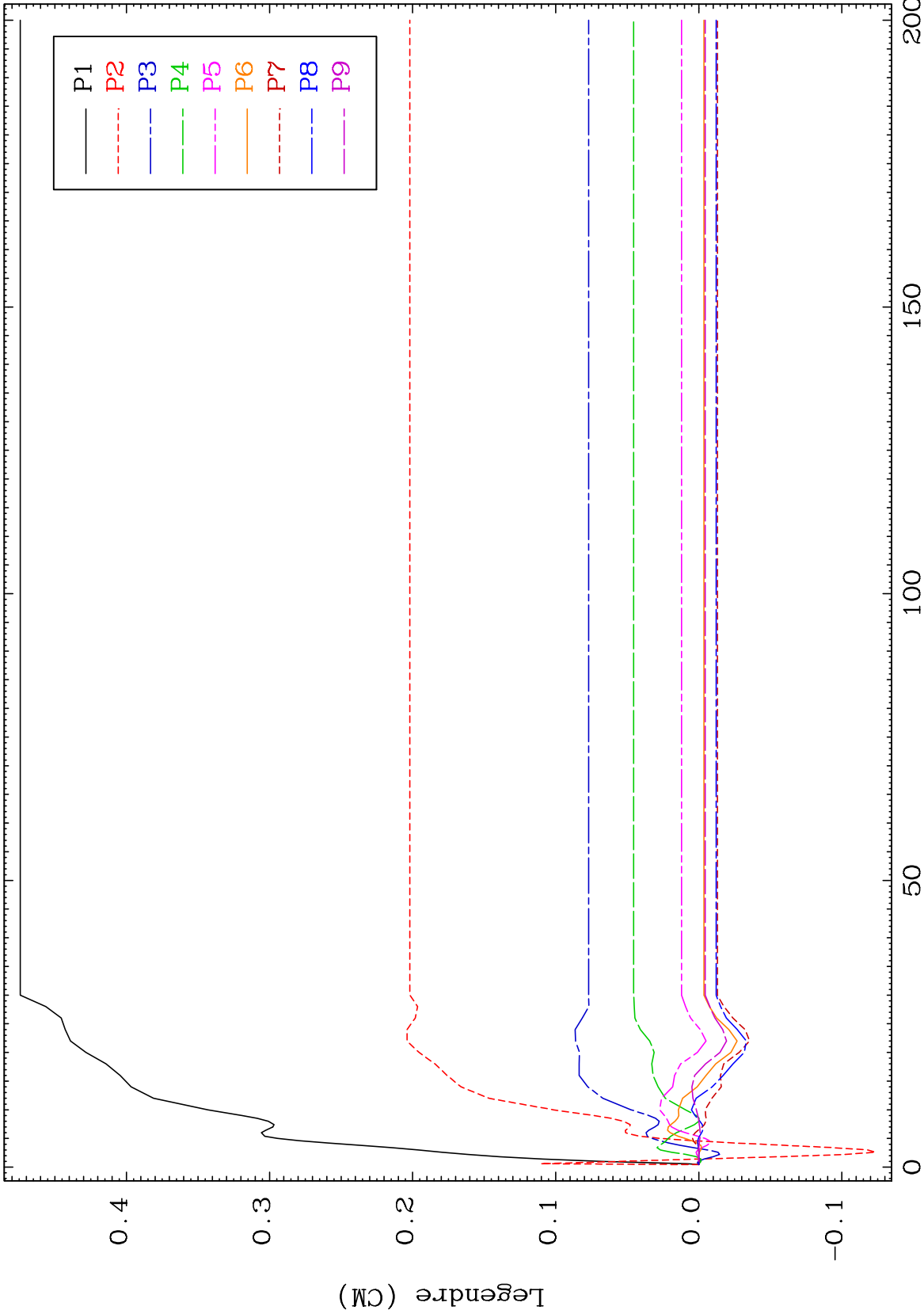
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



36

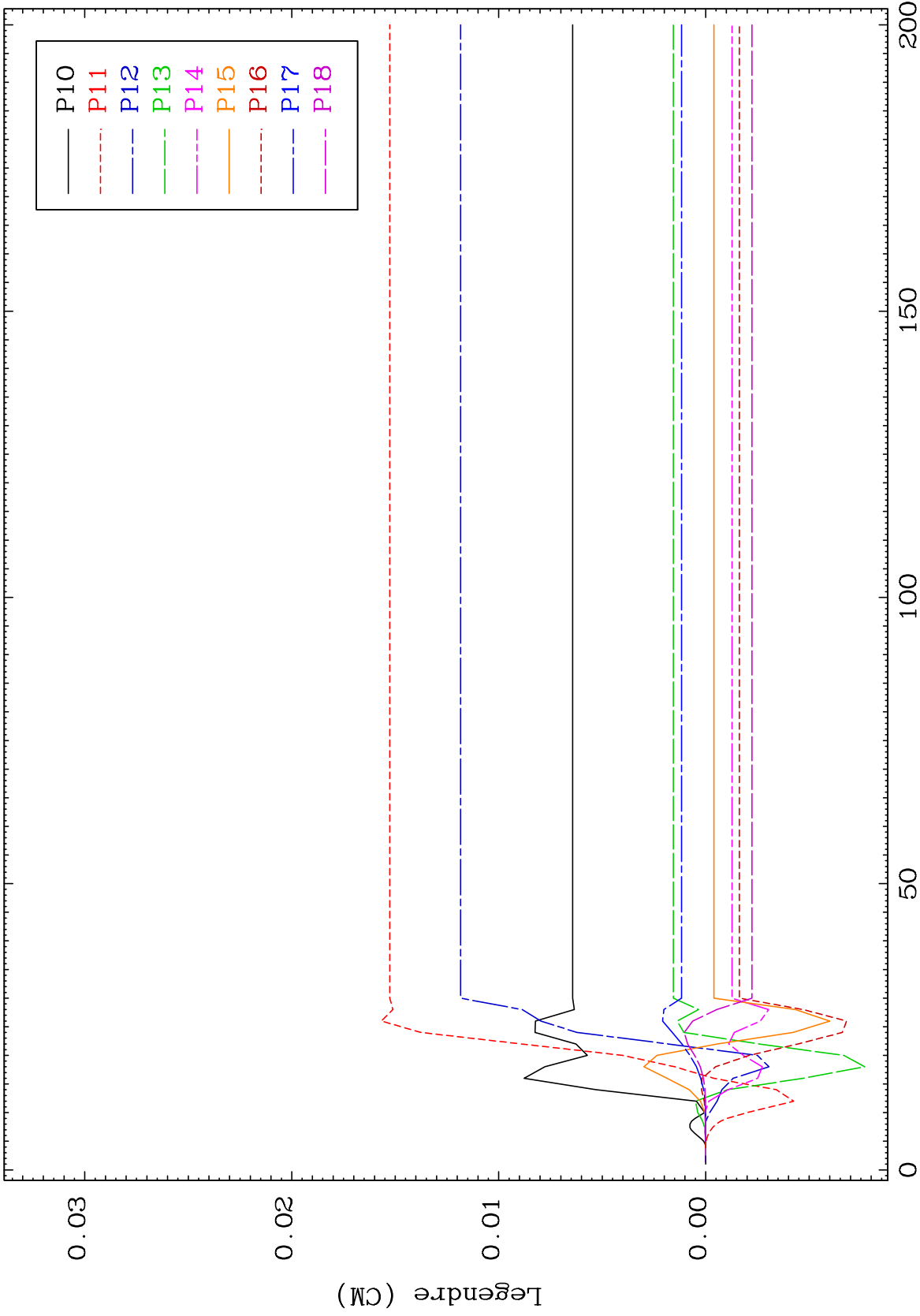
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



37

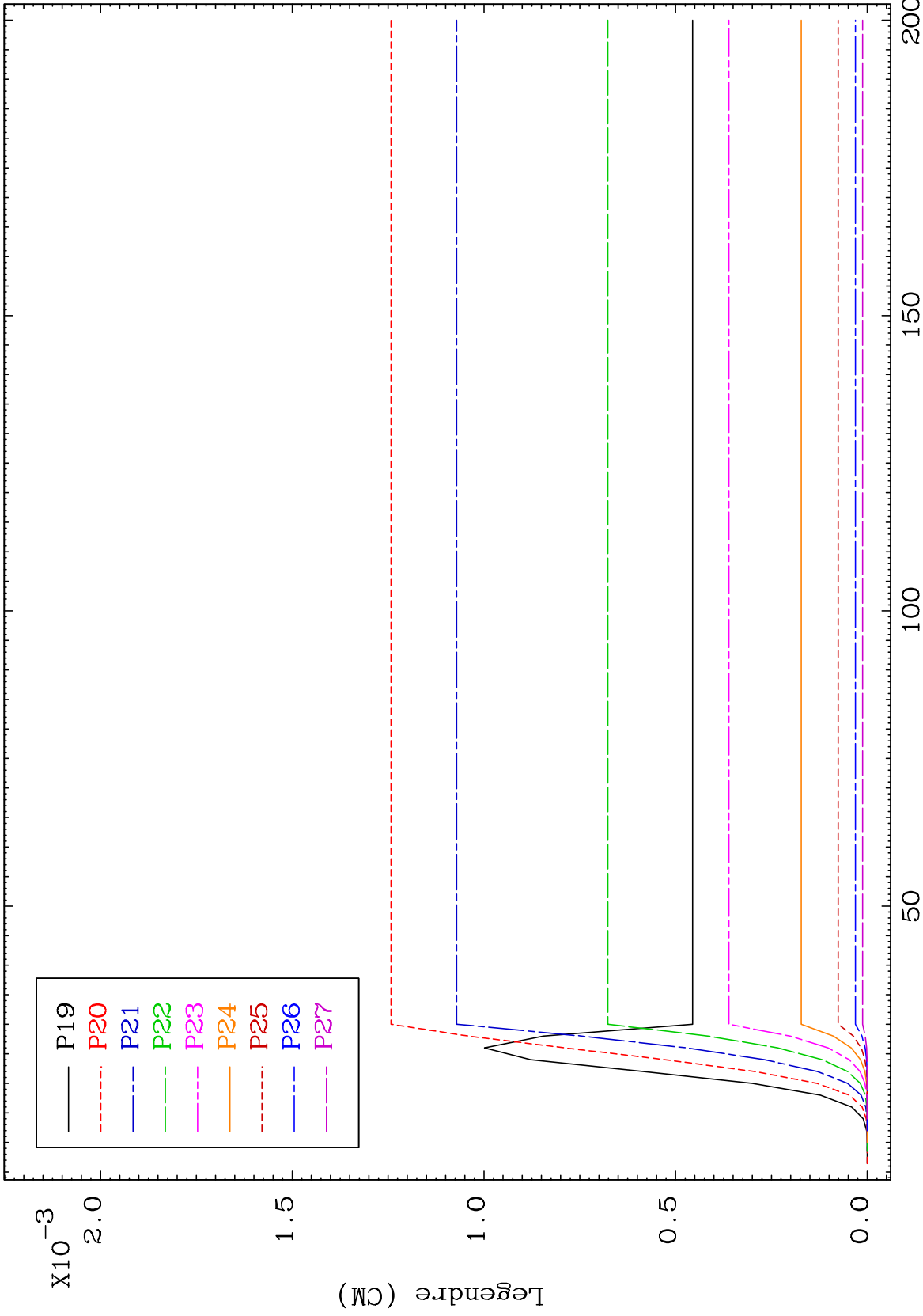
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



38

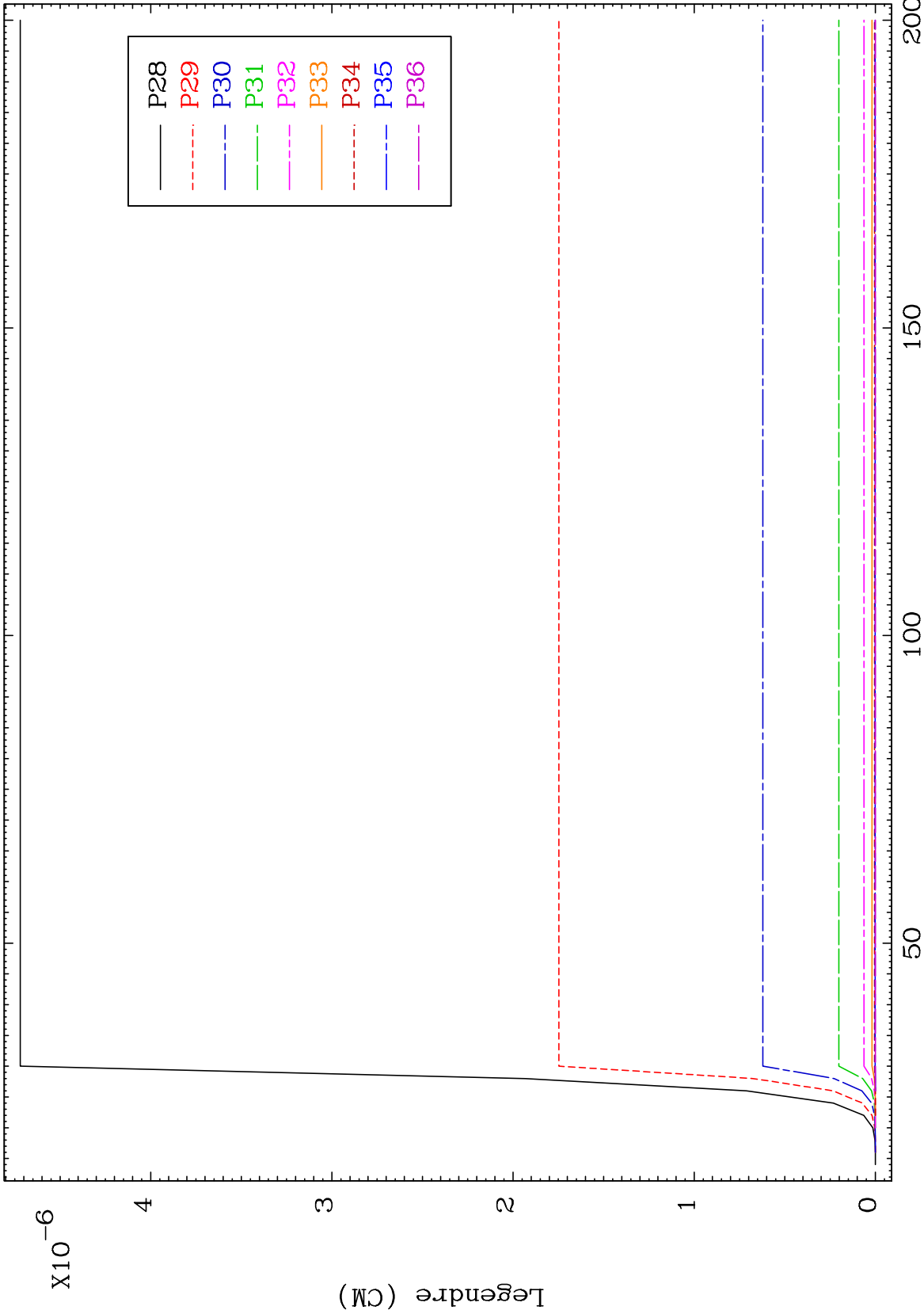
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



39

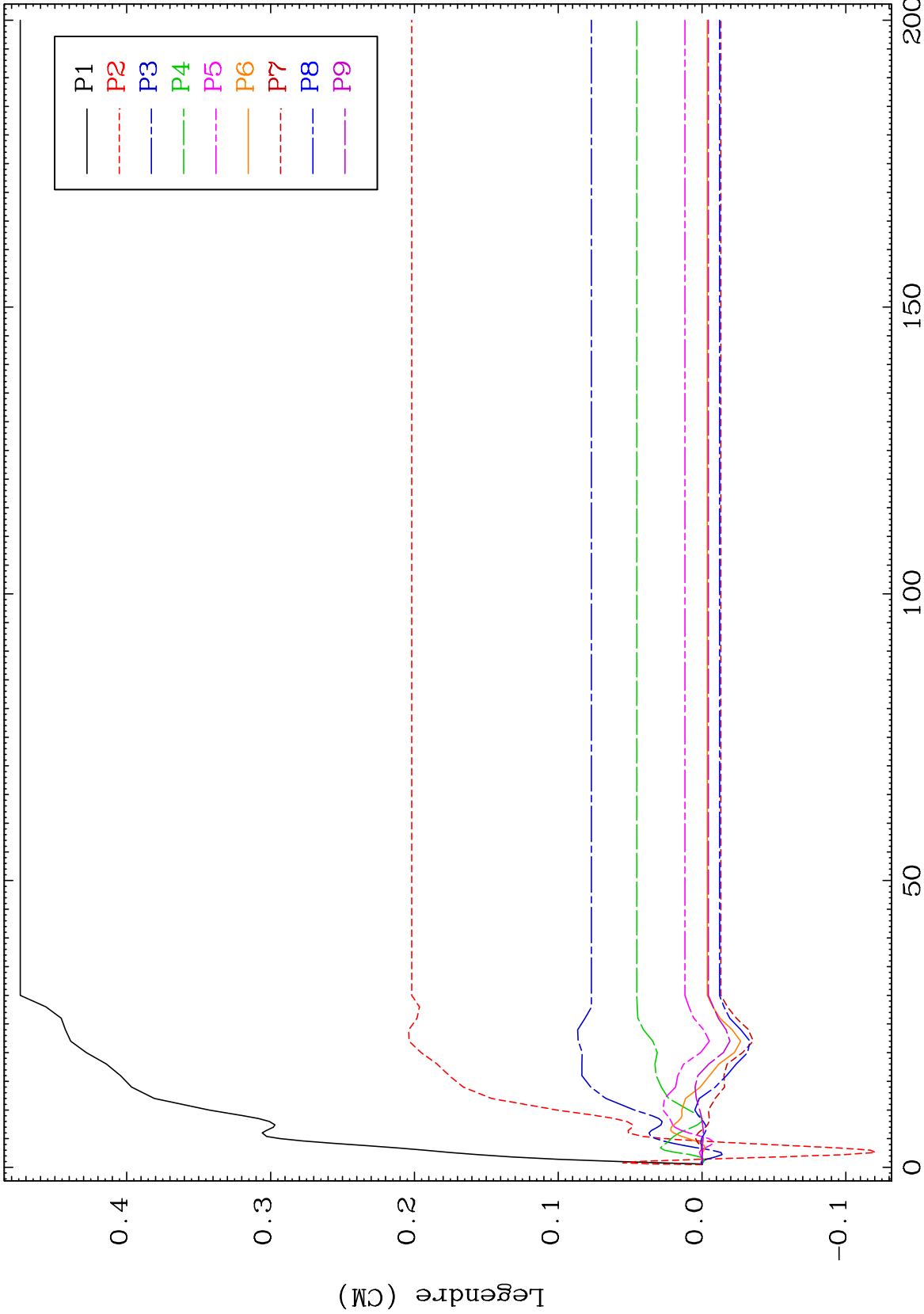
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



66-Dy-143

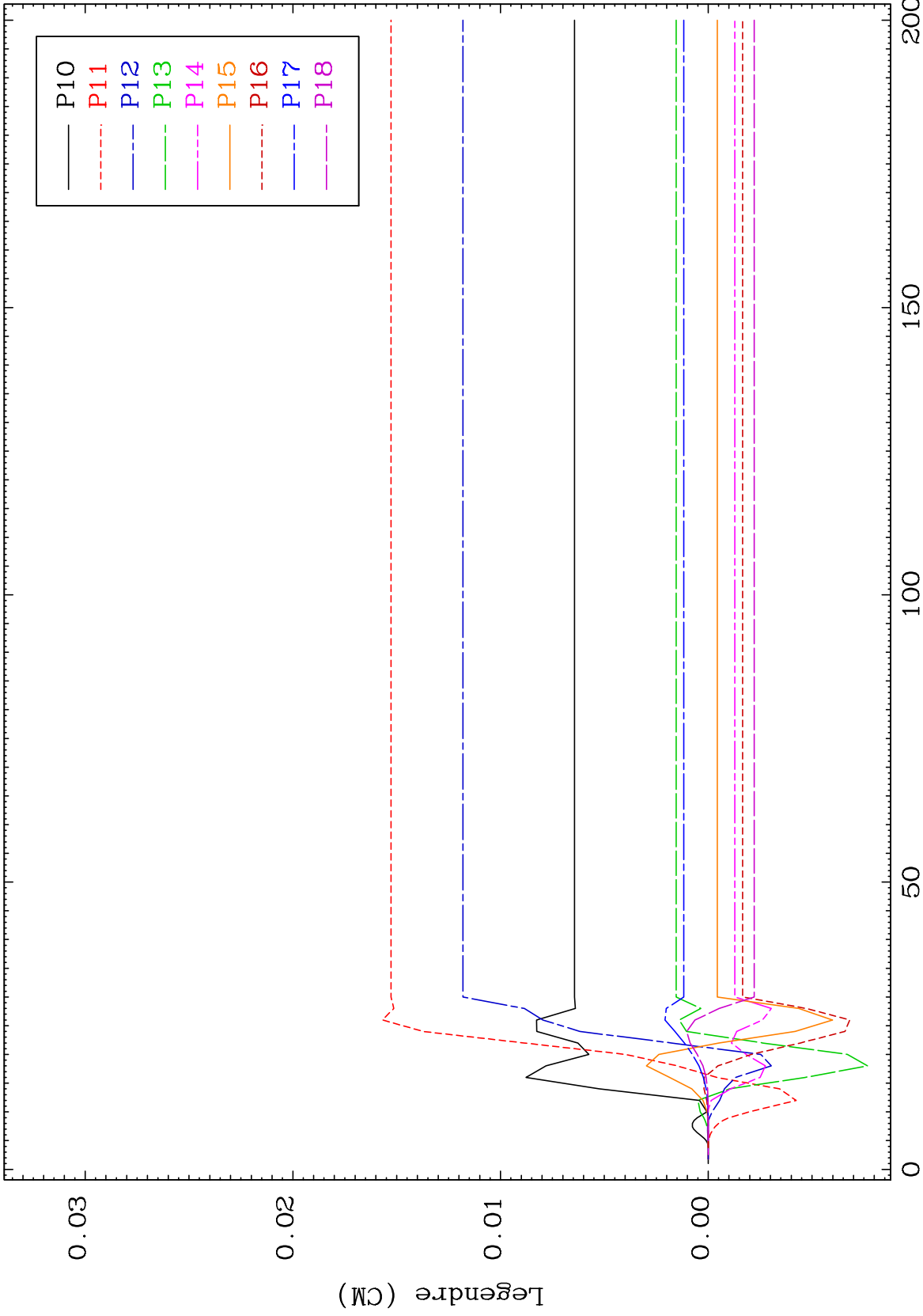
Incident Energy (MeV)

40

MAT 6586

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

66-Dy-143



41

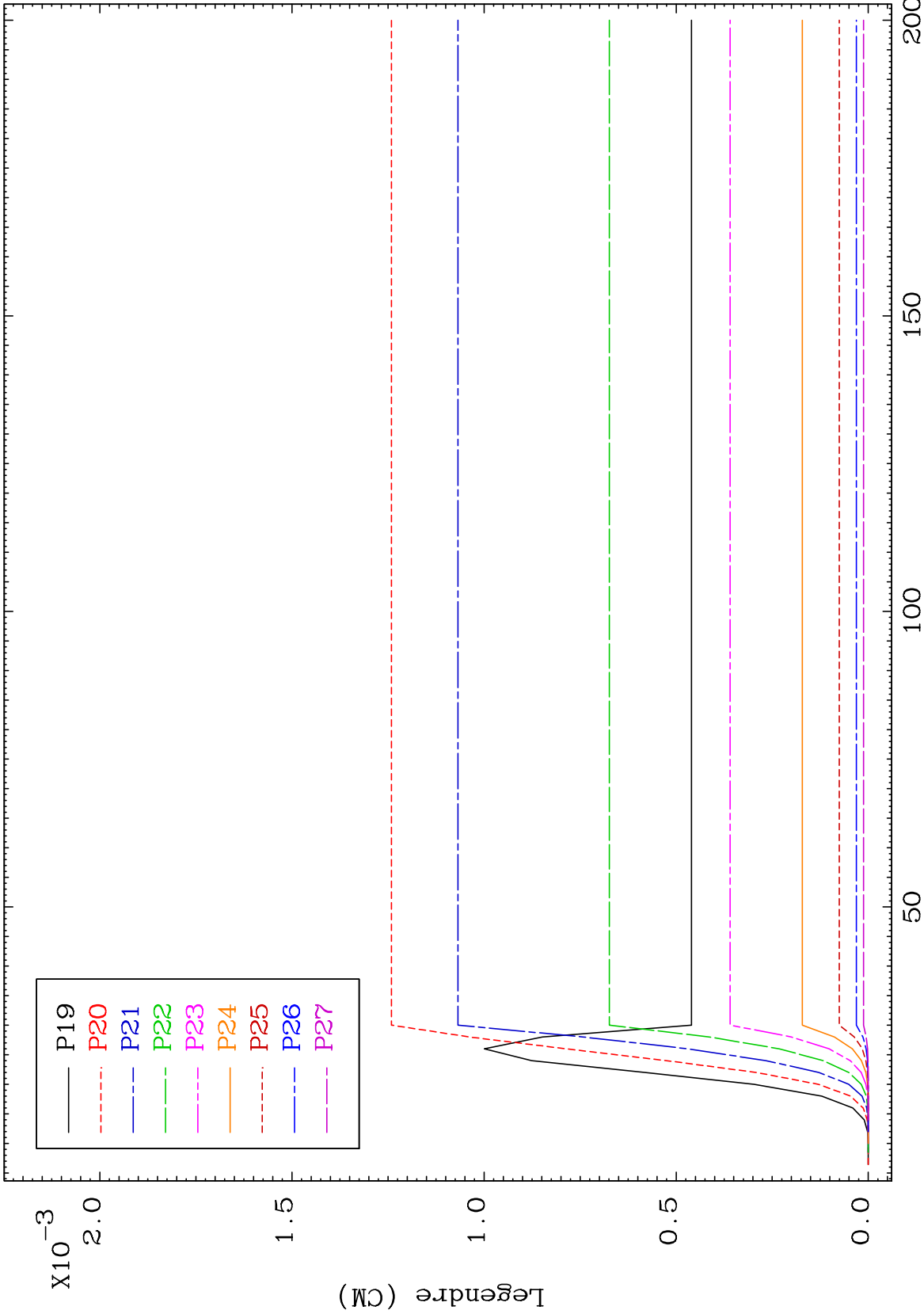
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



42

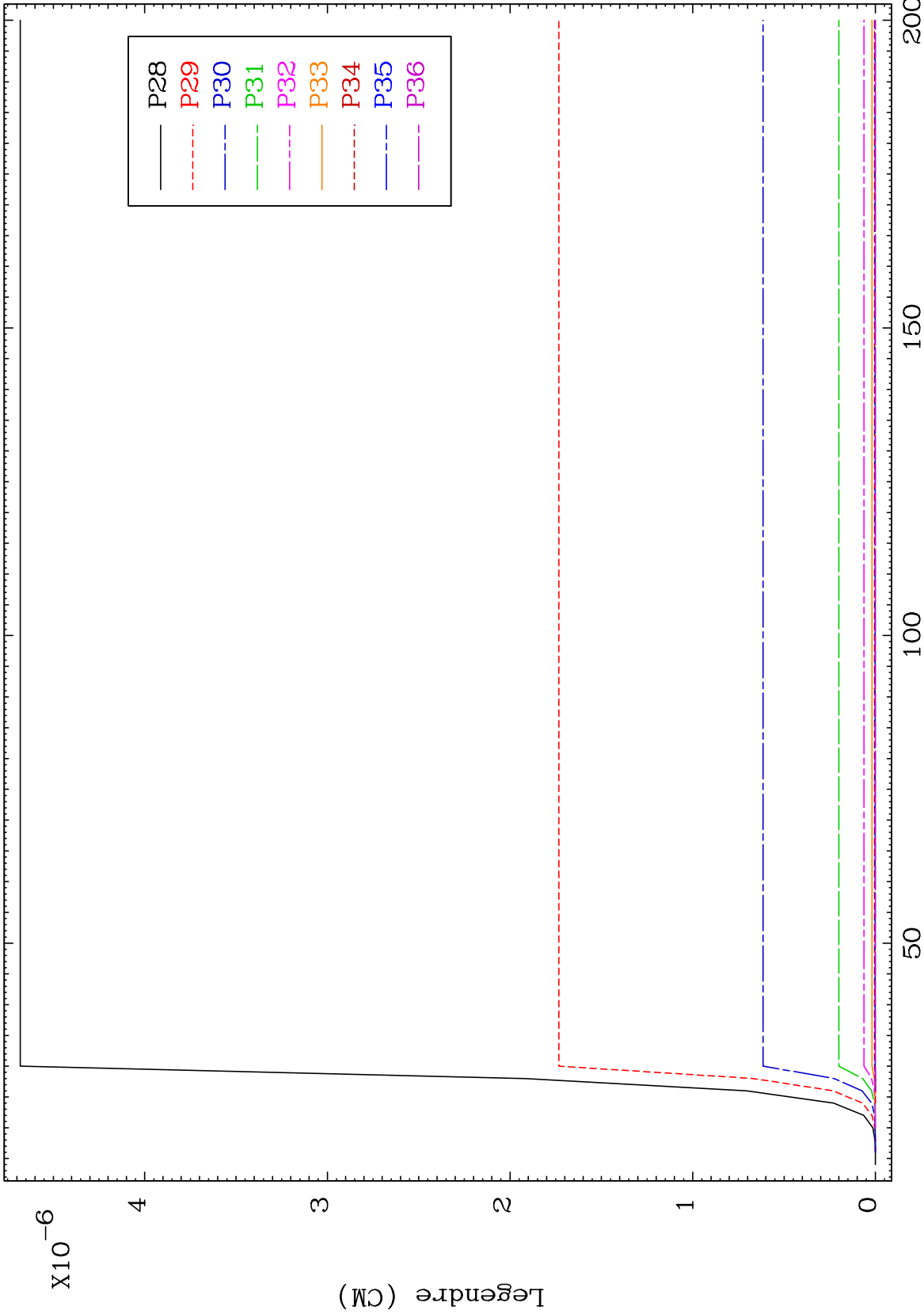
Incident Energy (MeV)

66-Dy-143

MAT 6586

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

66-Dy-143



43

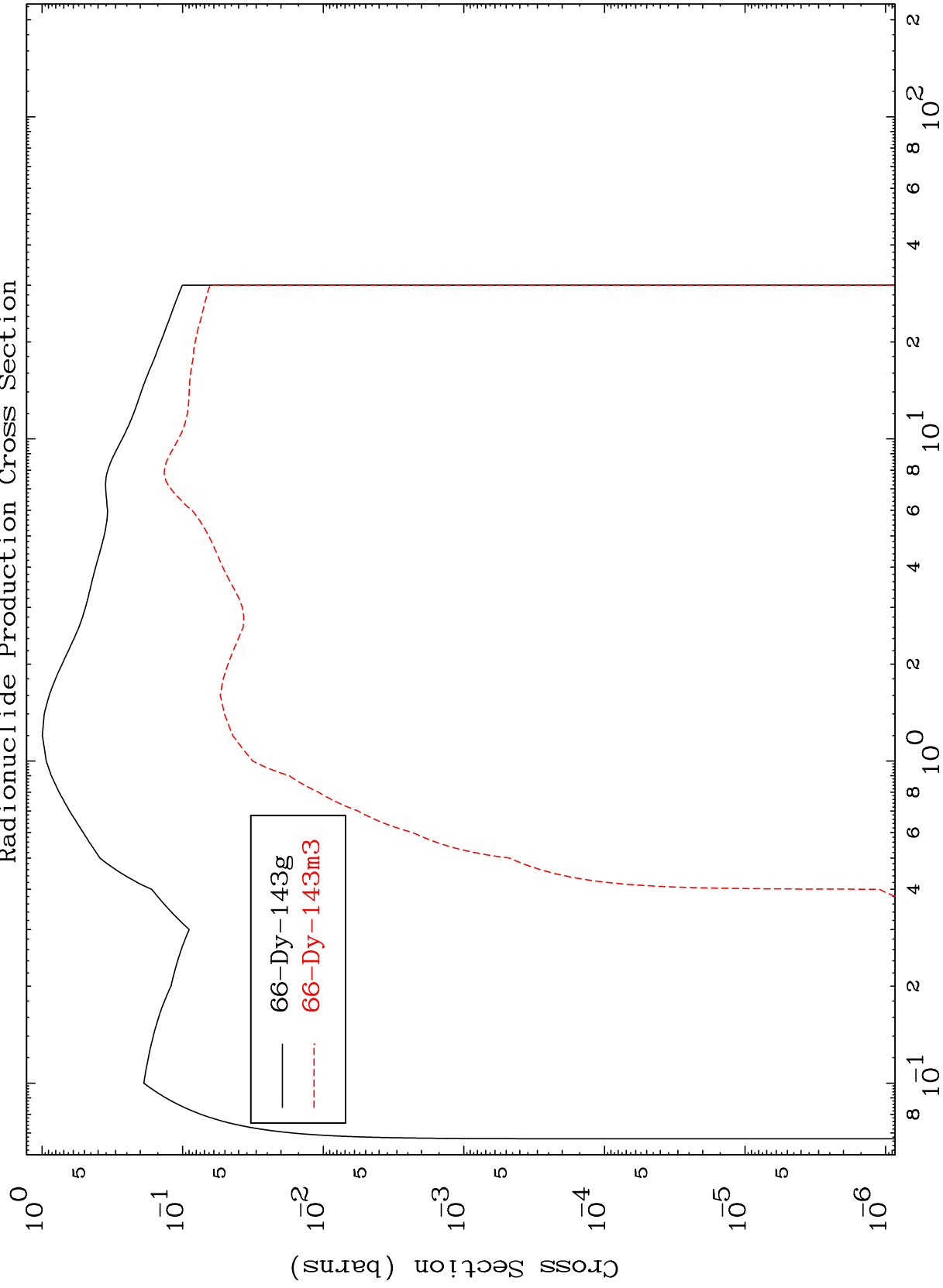
Incident Energy (MeV)

66-Dy-143

MAT 6586

66-Dy-143

Inelastic
Radionuclide Production Cross Section

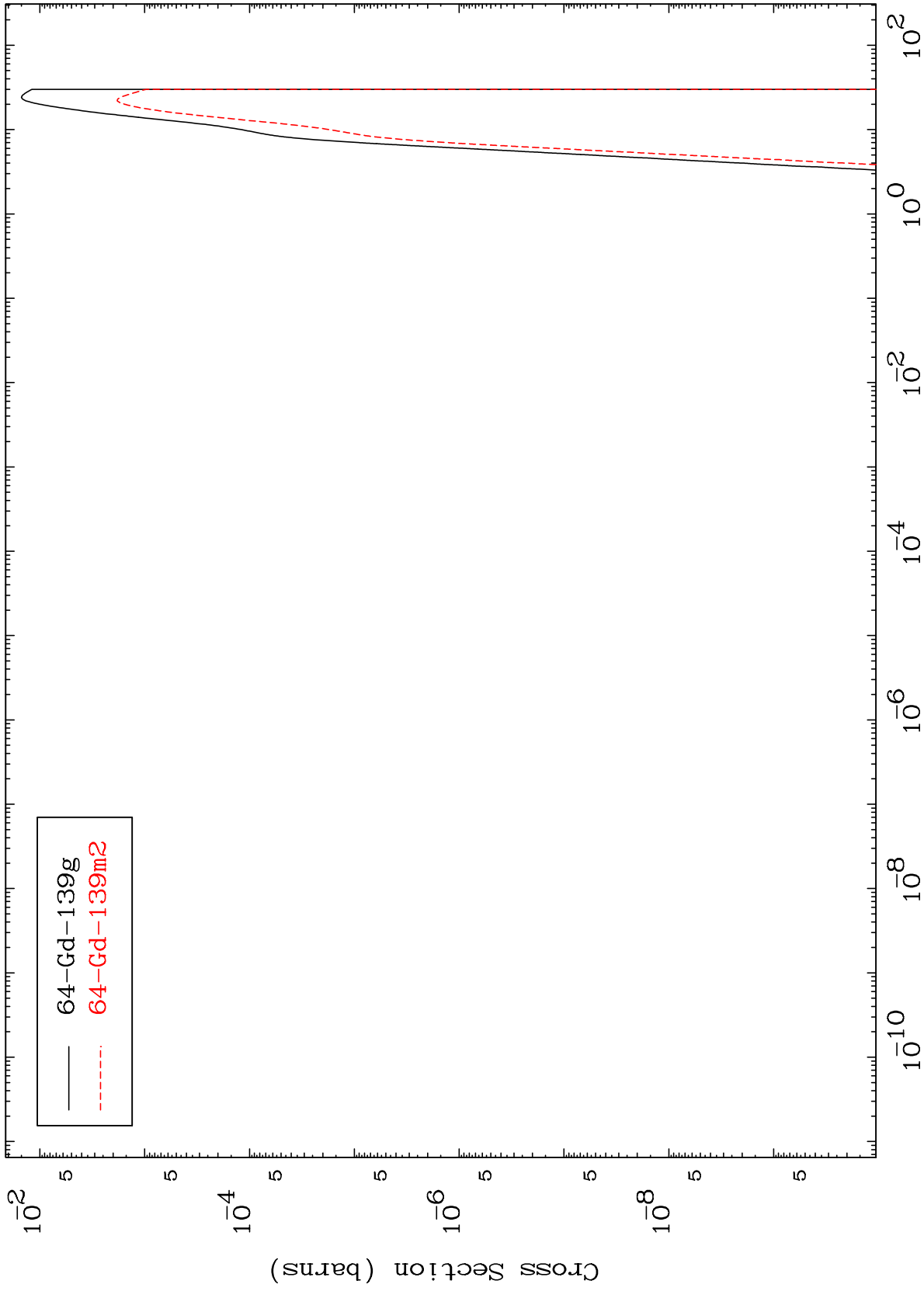


MAT 6586

(n,n') α

66-Dy-143

Radionuclide Production Cross Section



45

Incident Energy (MeV)

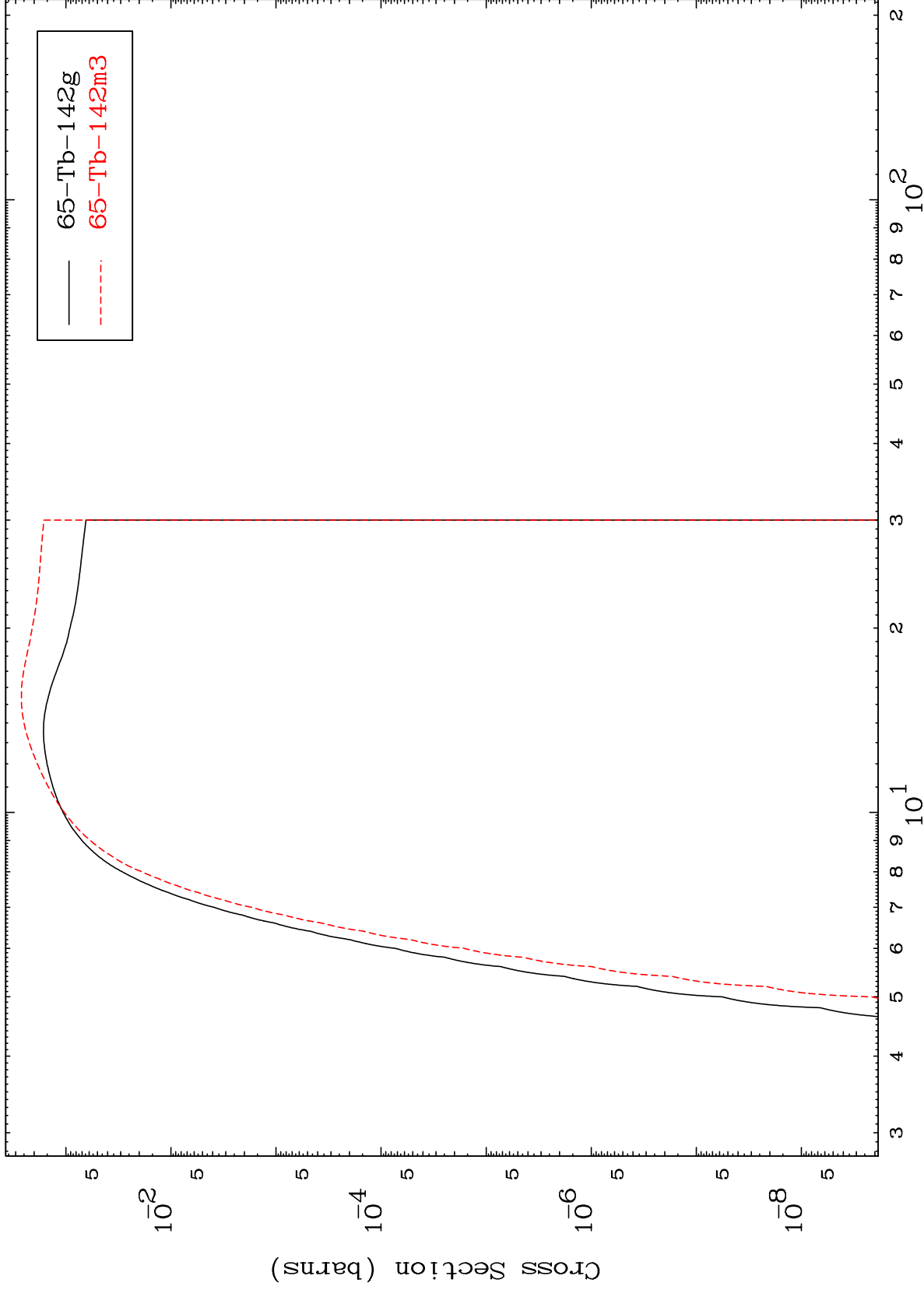
66-Dy-143

MAT 6586

(n,n') p

66-Dy-143

Radionuclide Production Cross Section



46

Incident Energy (MeV)

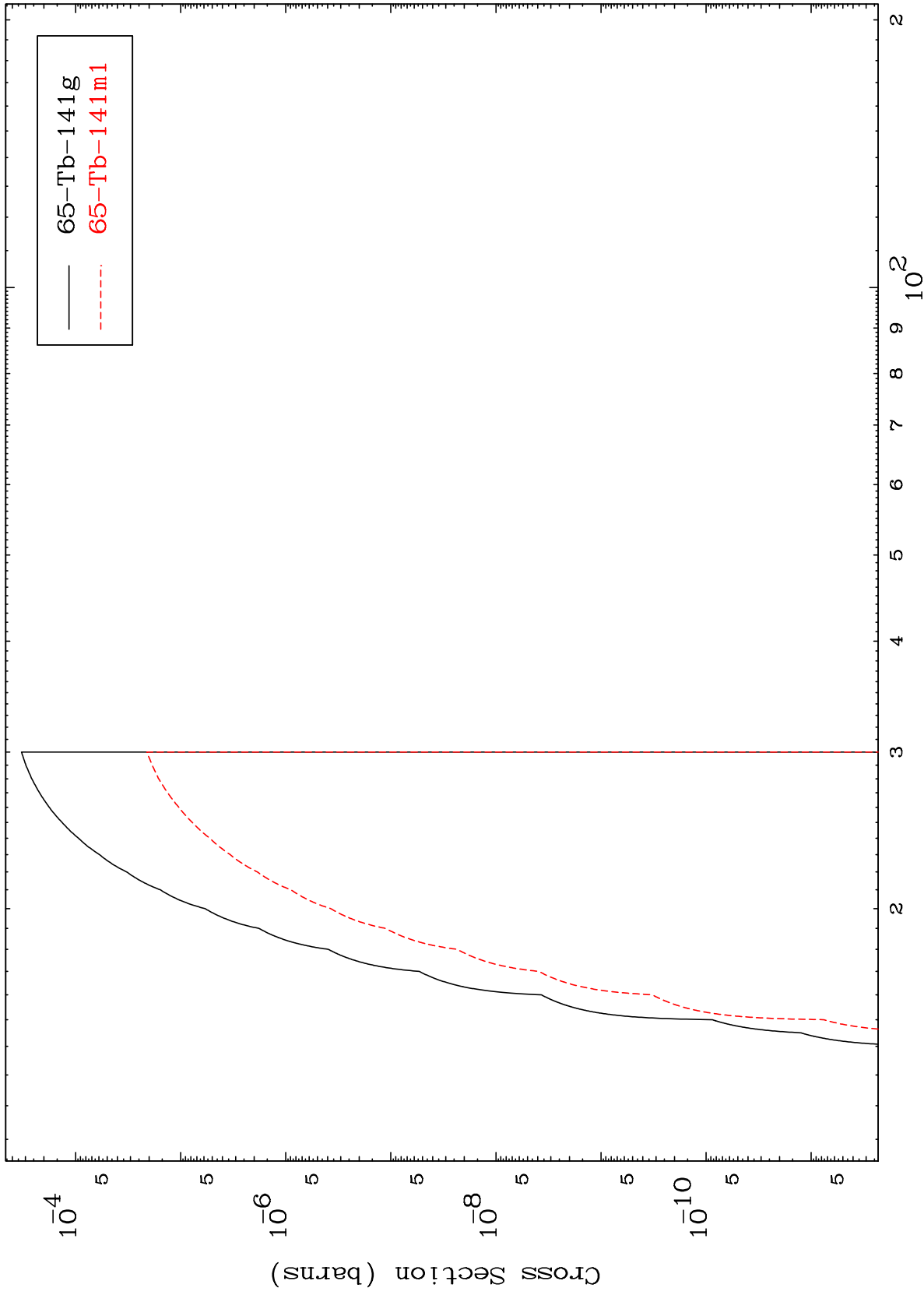
66-Dy-143

MAT 6586

(n,n') d

66-Dy-143

Radionuclide Production Cross Section



47

Incident Energy (MeV)

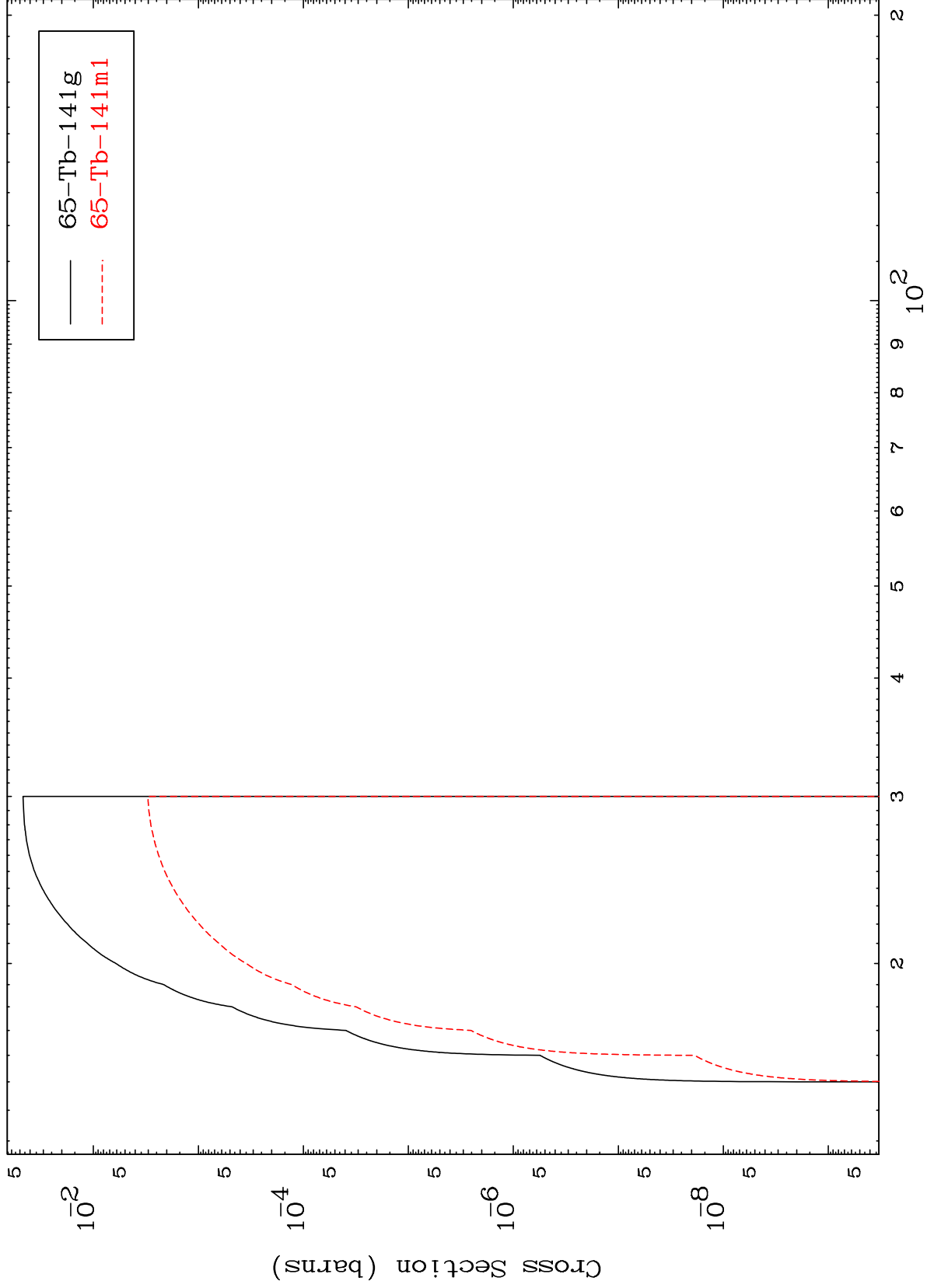
66-Dy-143

MAT 6586

(n,2n) p

66-Dy-143

Radionuclide Production Cross Section



48

Incident Energy (MeV)

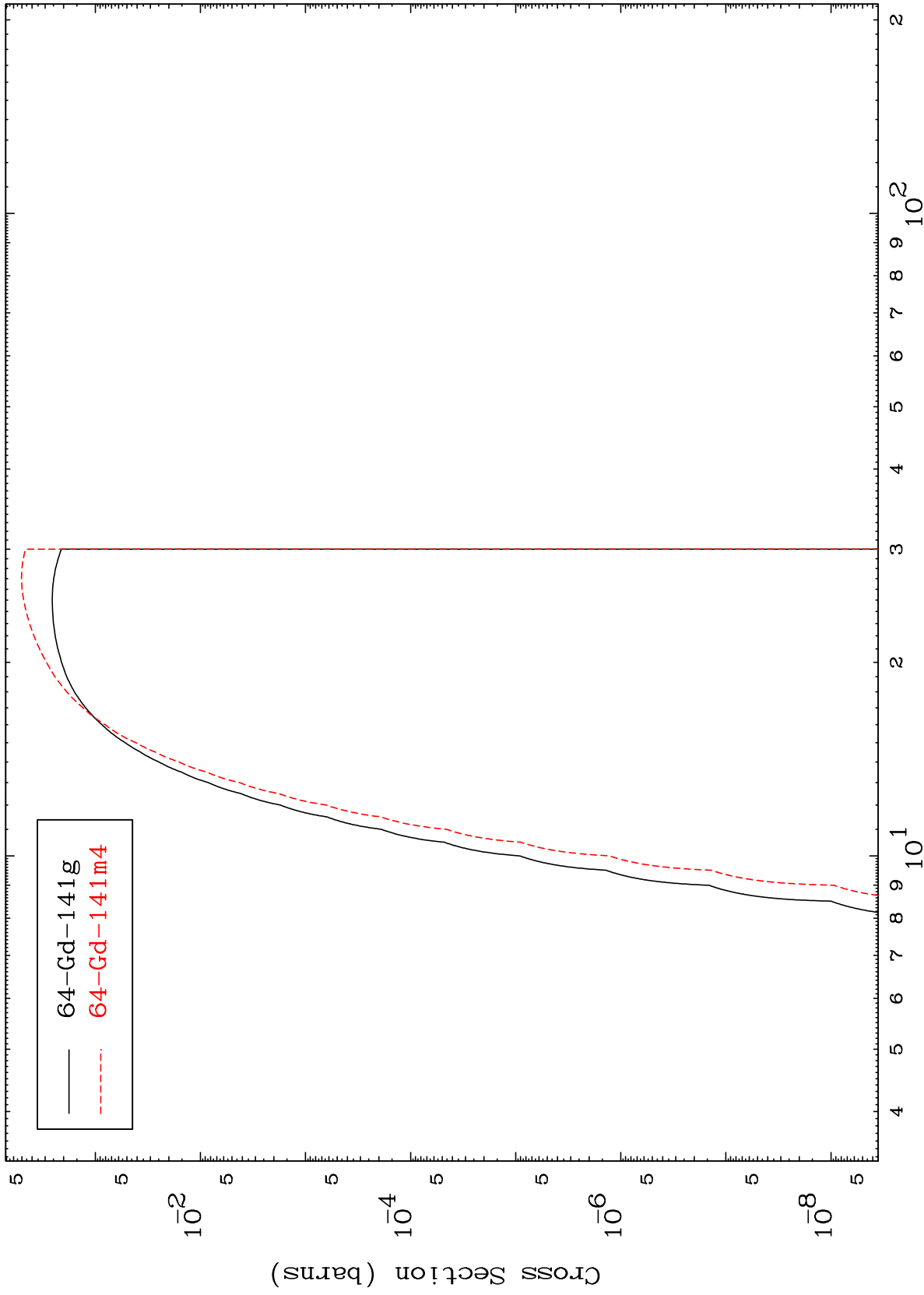
66-Dy-143

MAT 6586

(n,2n) p

66-Dy-143

Radionuclide Production Cross Section



49

Incident Energy (MeV)

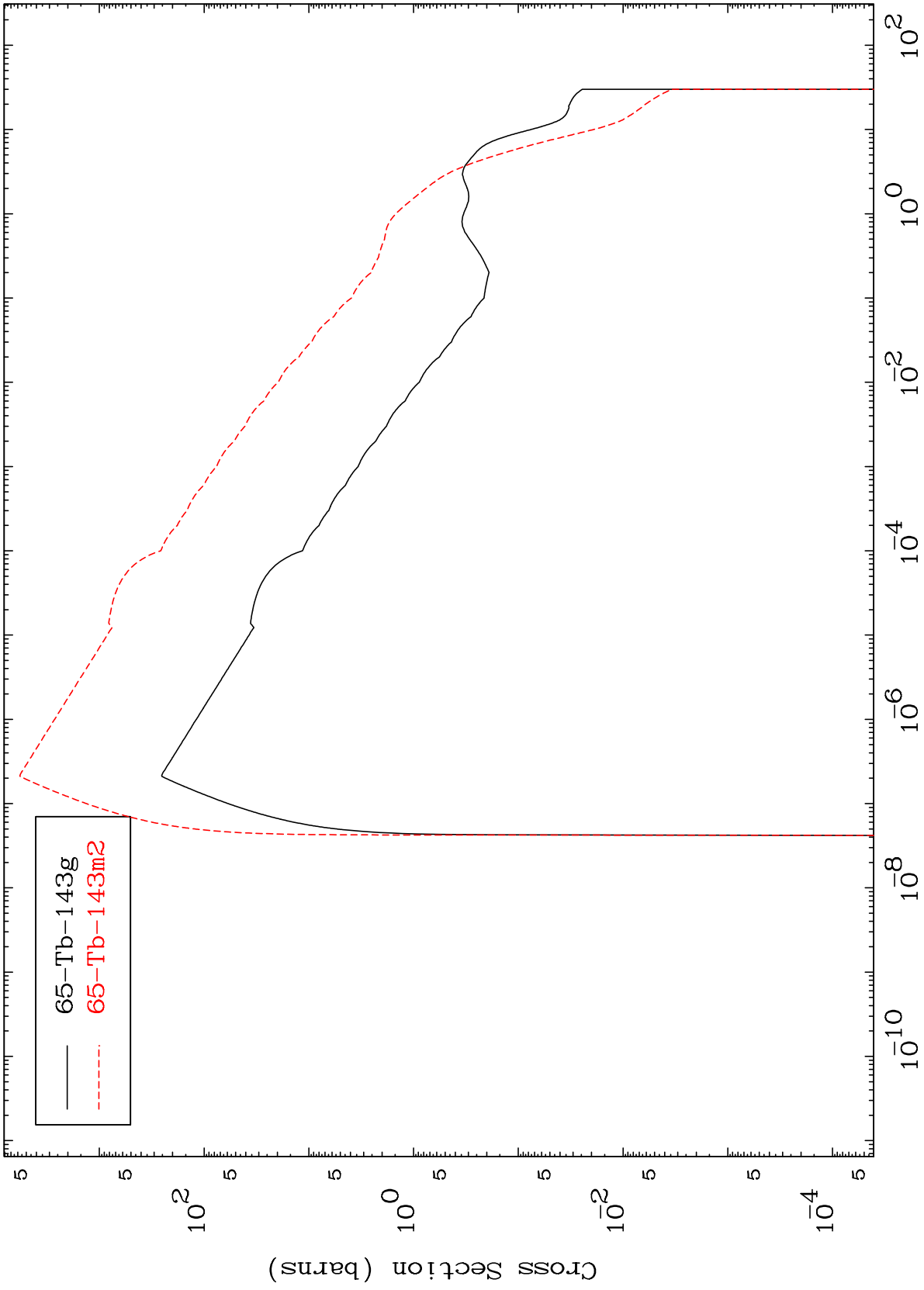
66-Dy-143

MAT 6586

(n,p)

66-Dy-143

Radionuclide Production Cross Section



50

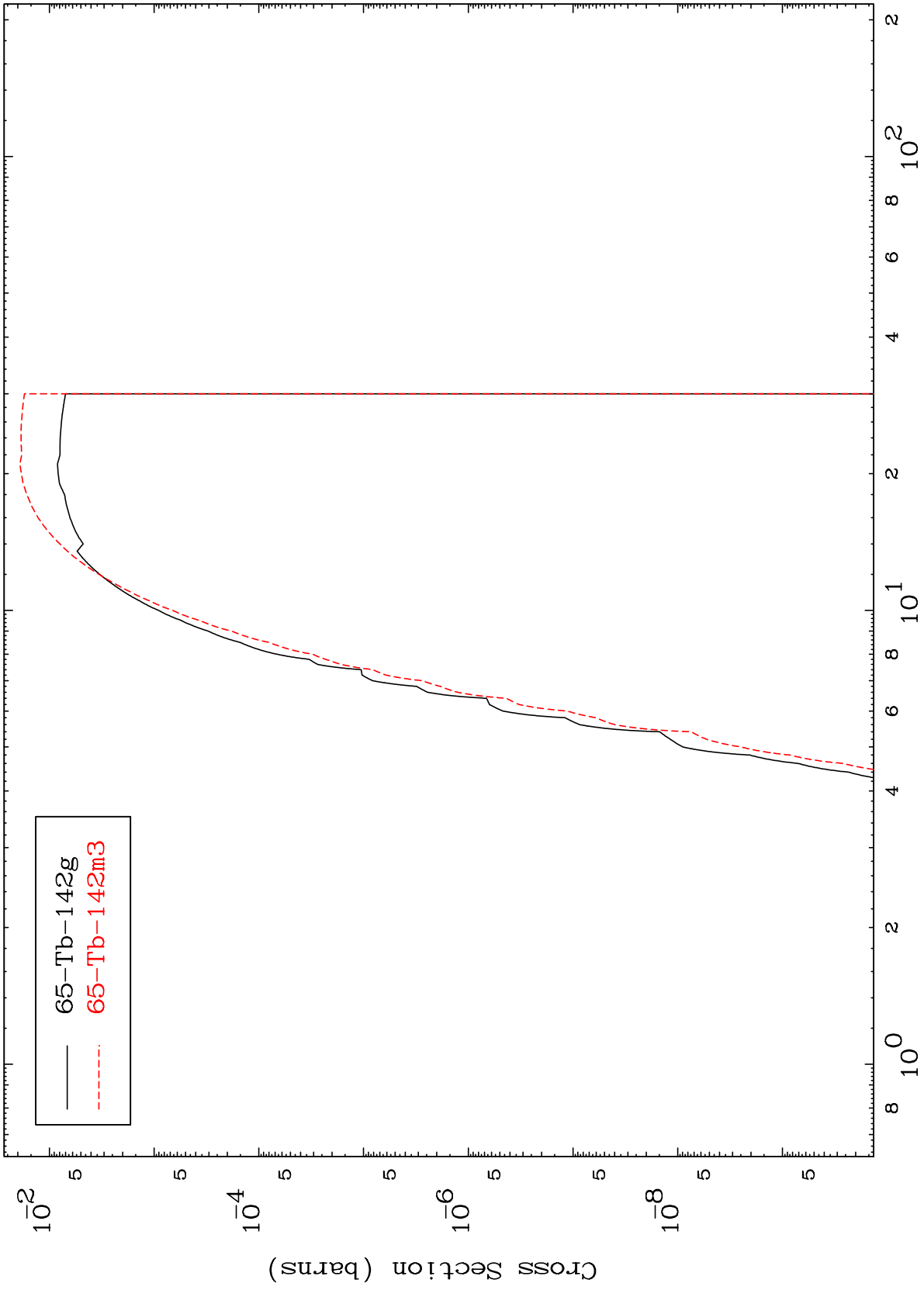
Incident Energy (MeV)

66-Dy-143

MAT 6586

66-Dy-143

(n,d)
Radionuclide Production Cross Section



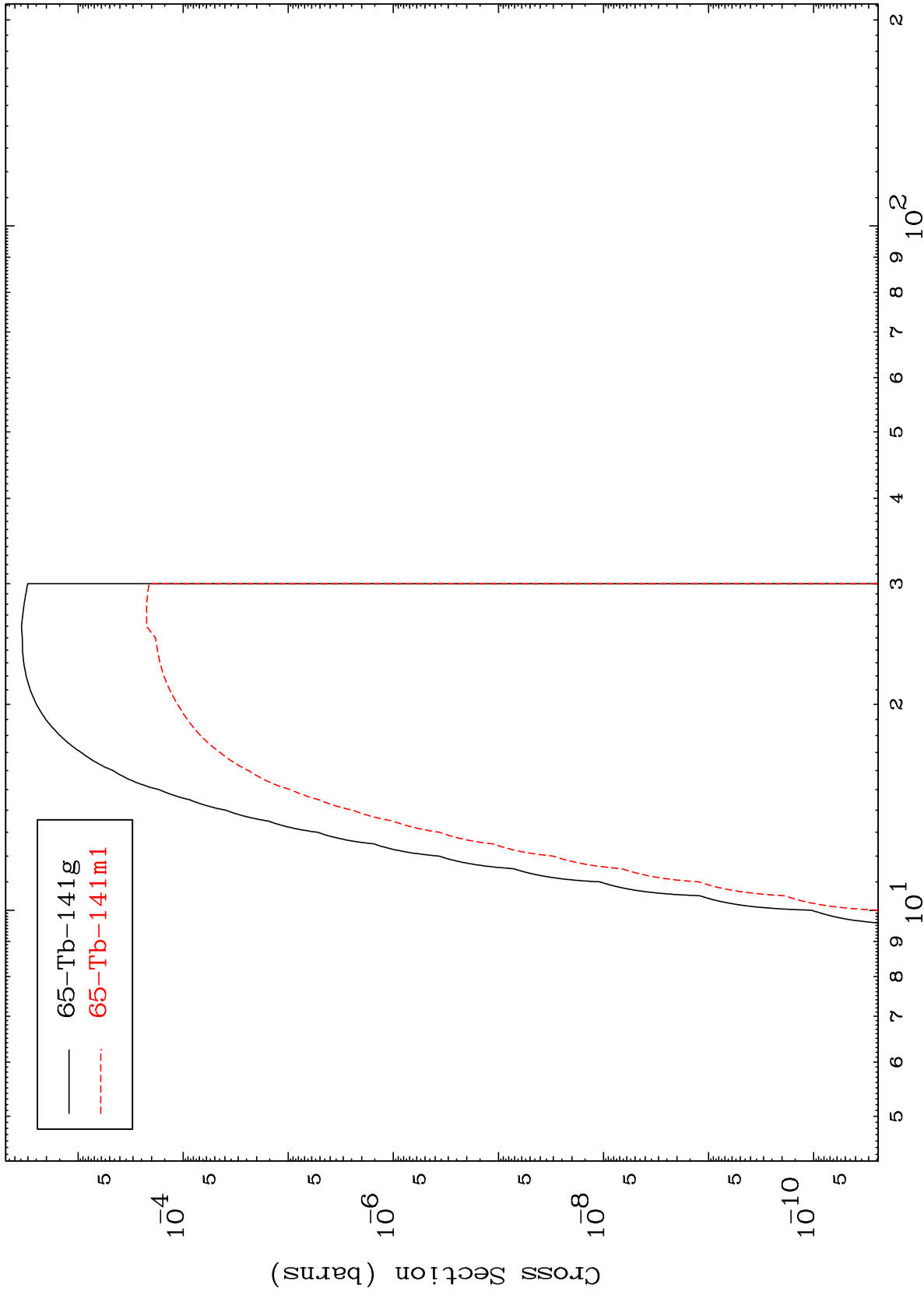
51

66-Dy-143

MAT 6586

66-Dy-143

(n, t)
Radionuclide Production Cross Section



52

Incident Energy (MeV)

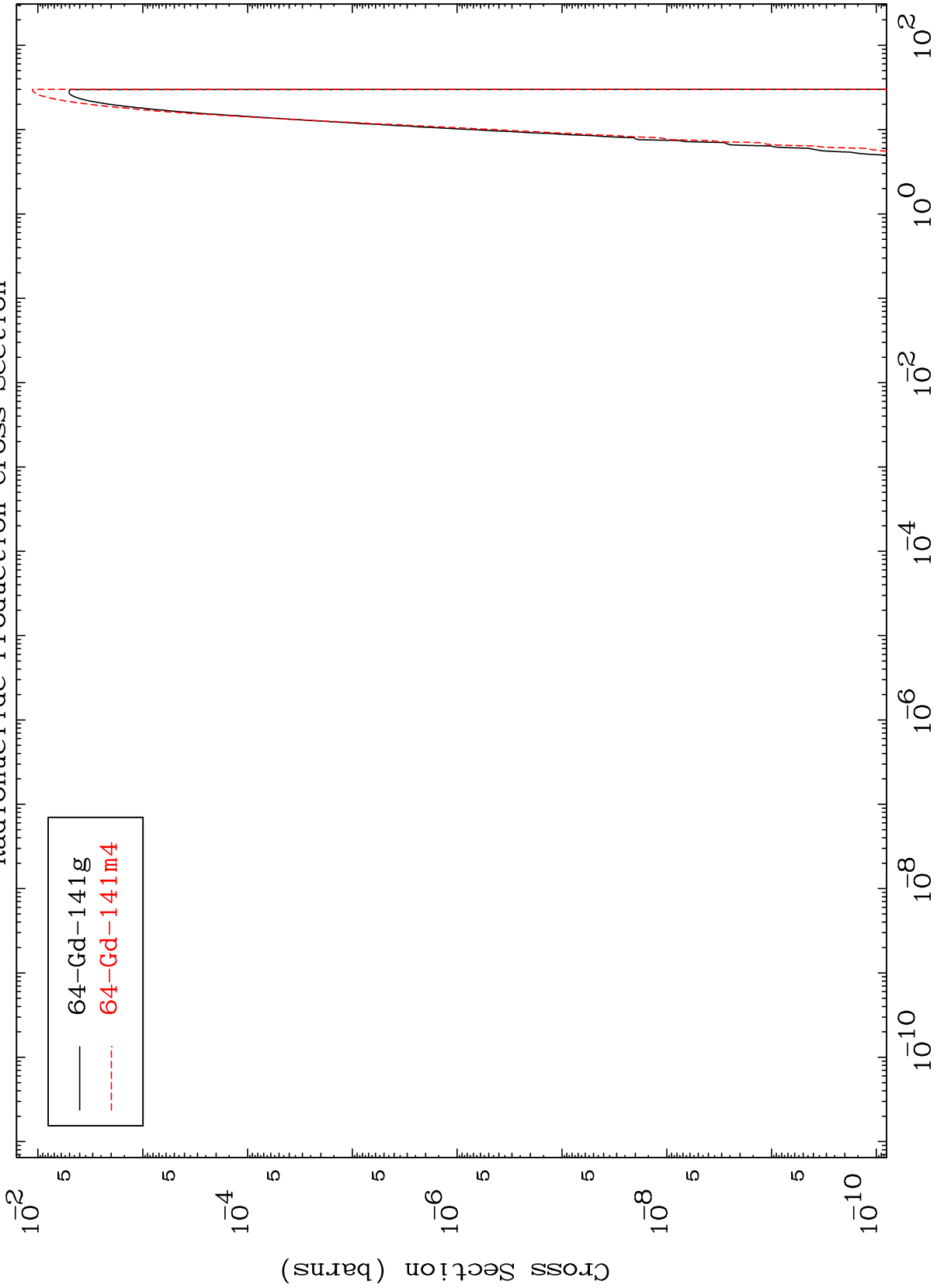
66-Dy-143

MAT 6586

(n, He-3)

66-Dy-143

Radionuclide Production Cross Section



53

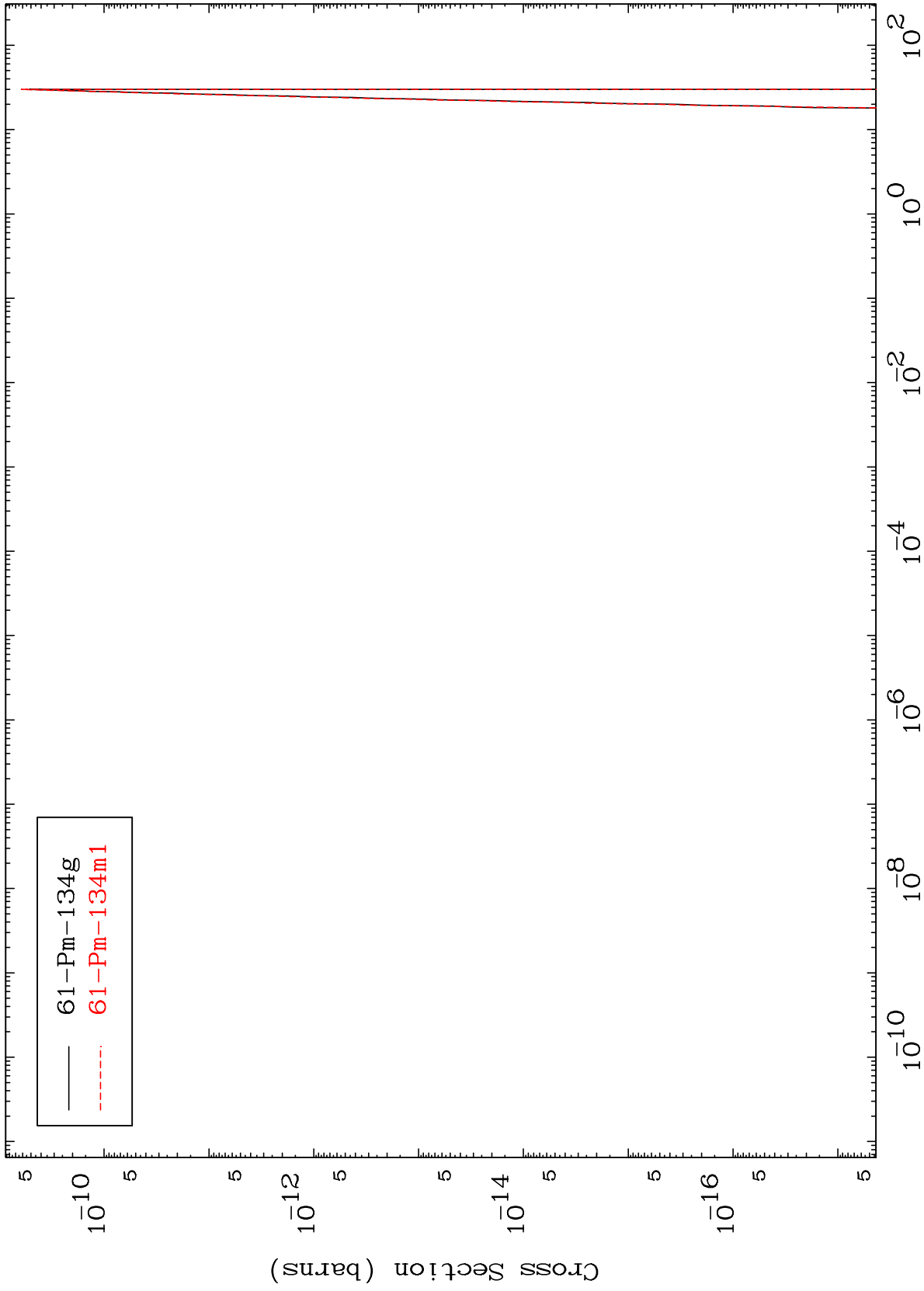
66-Dy-143

MAT 6586

(n,d) 2α

66-Dy-143

Radionuclide Production Cross Section



54

Incident Energy (MeV)

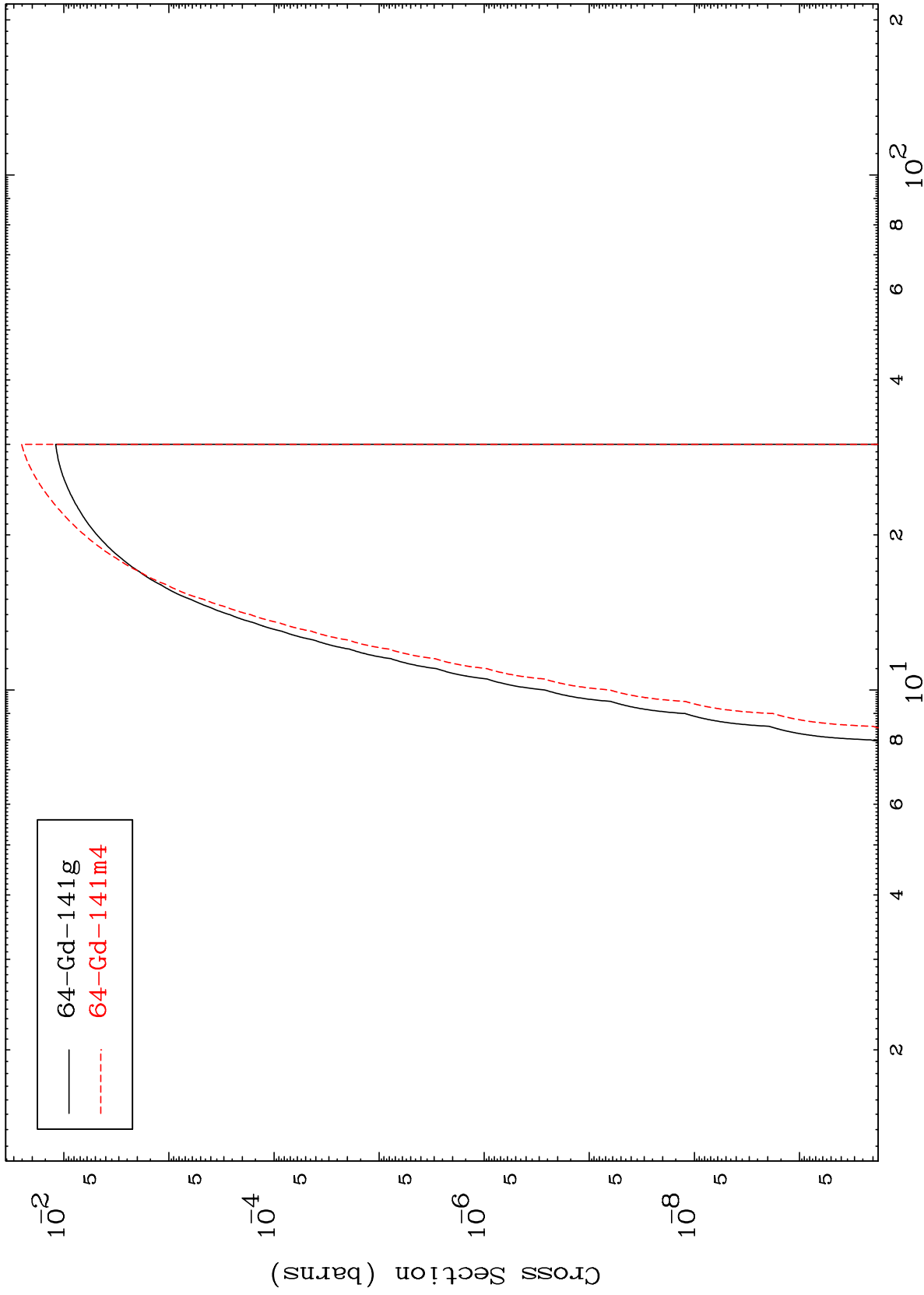
66-Dy-143

MAT 6586

(n,p) d

66-Dy-143

Radionuclide Production Cross Section



55

Incident Energy (MeV)

66-Dy-143