

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

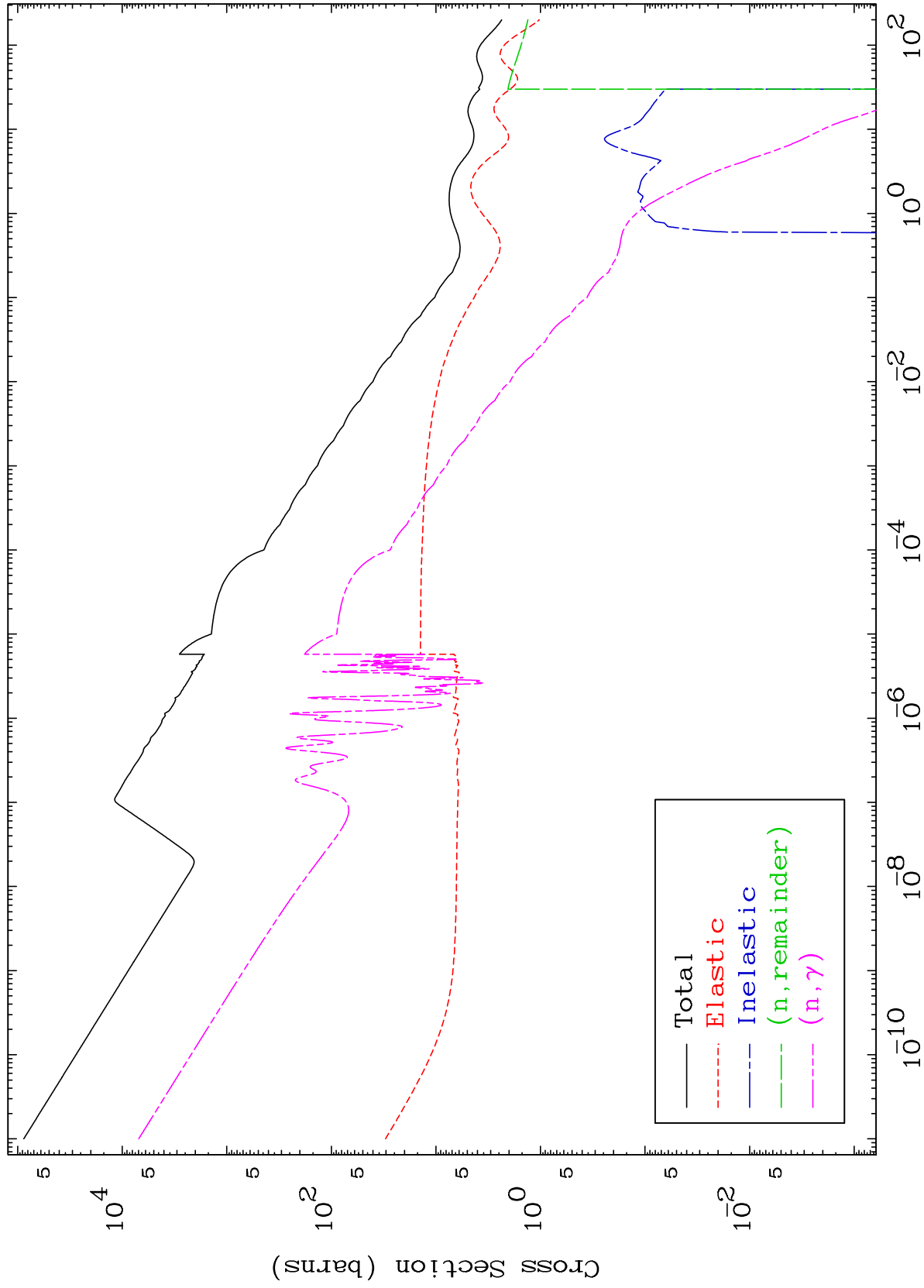
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6671

Major
293 Kelvin Cross Sections

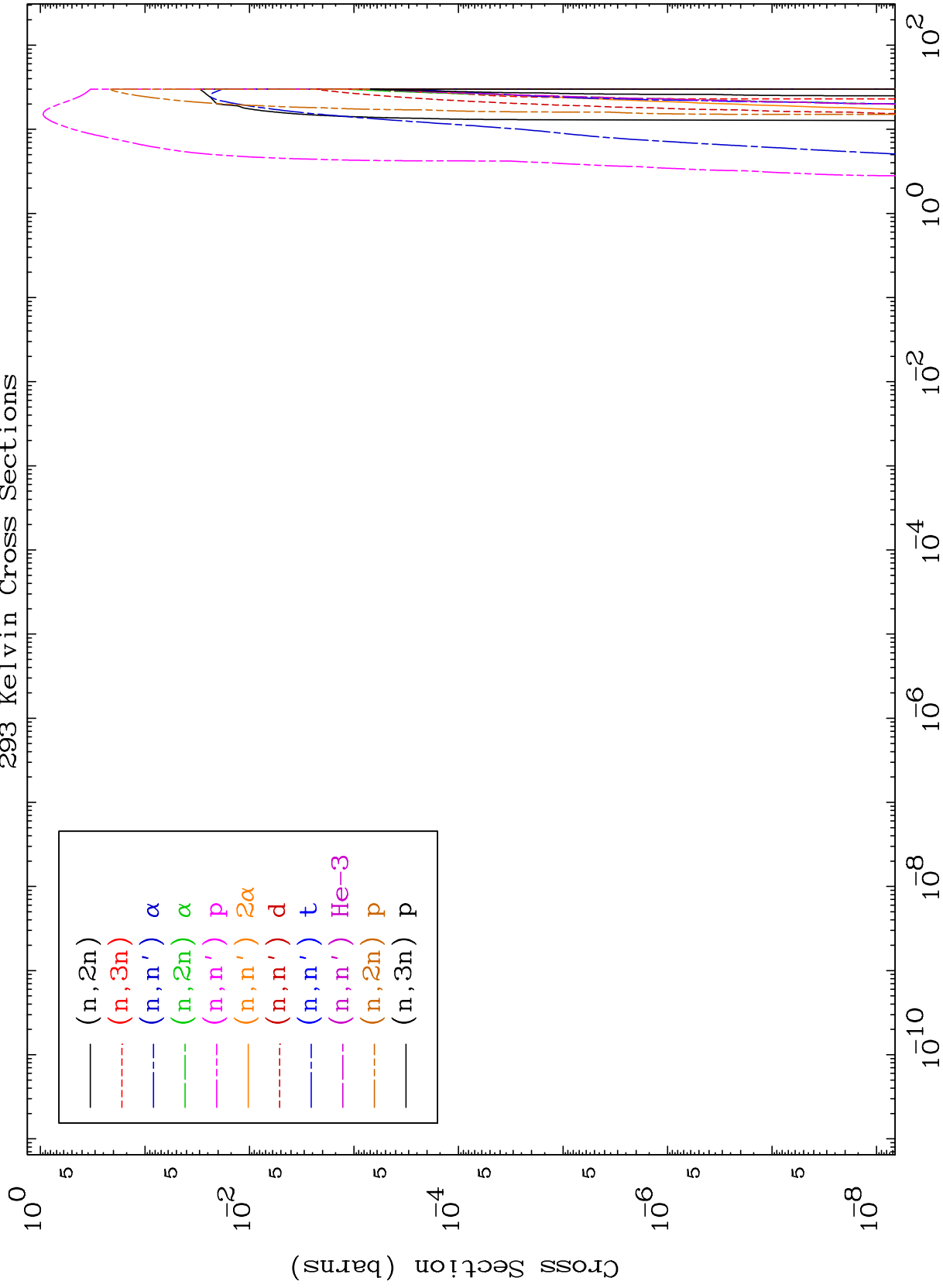
67-Ho-147



MAT 6671

Neutron Production
293 Kelvin Cross Sections

67-Ho-147



2

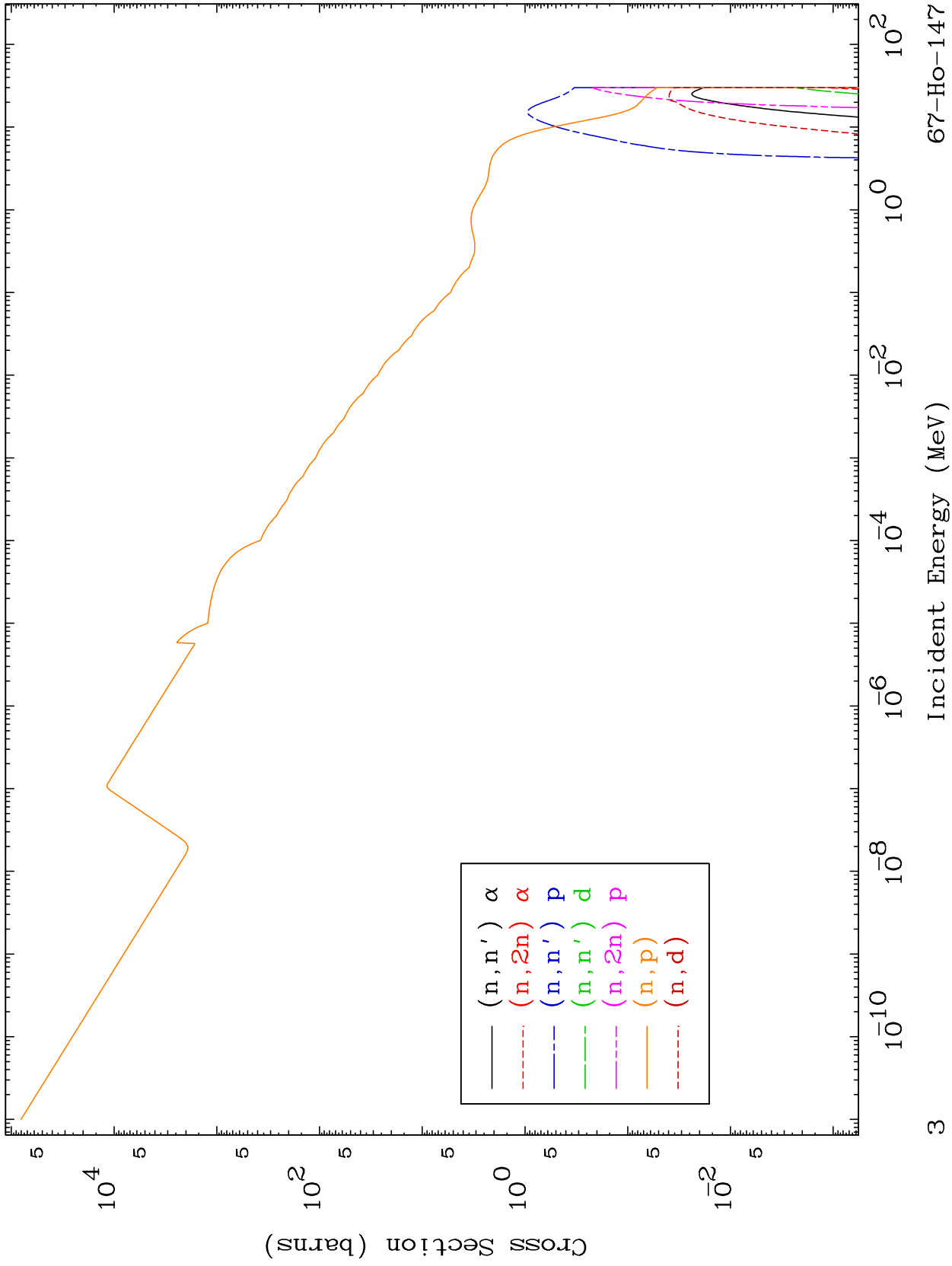
Incident Energy (MeV)

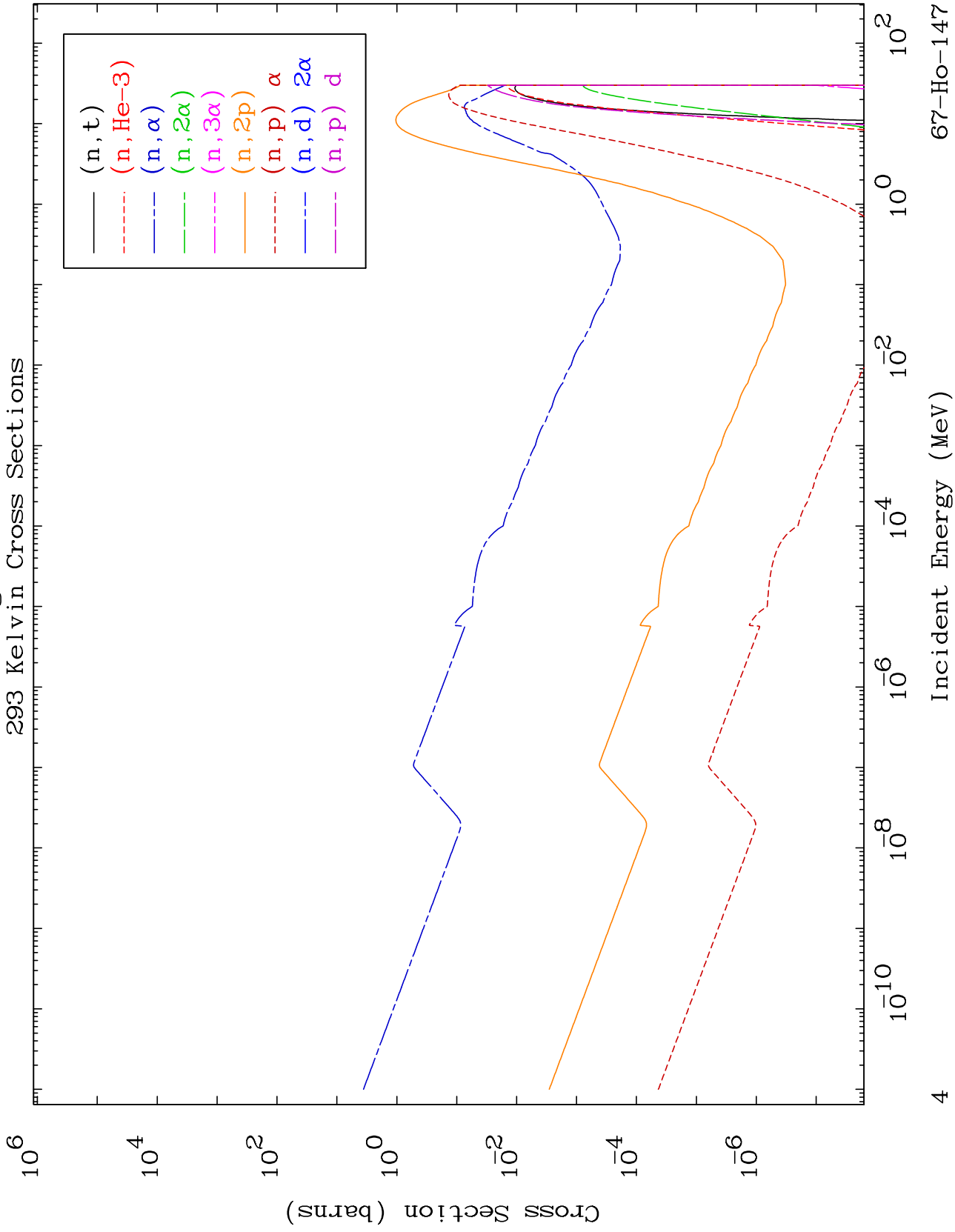
67-Ho-147

MAT 6671

Charged Particle
293 Kelvin Cross Sections

67-Ho-147

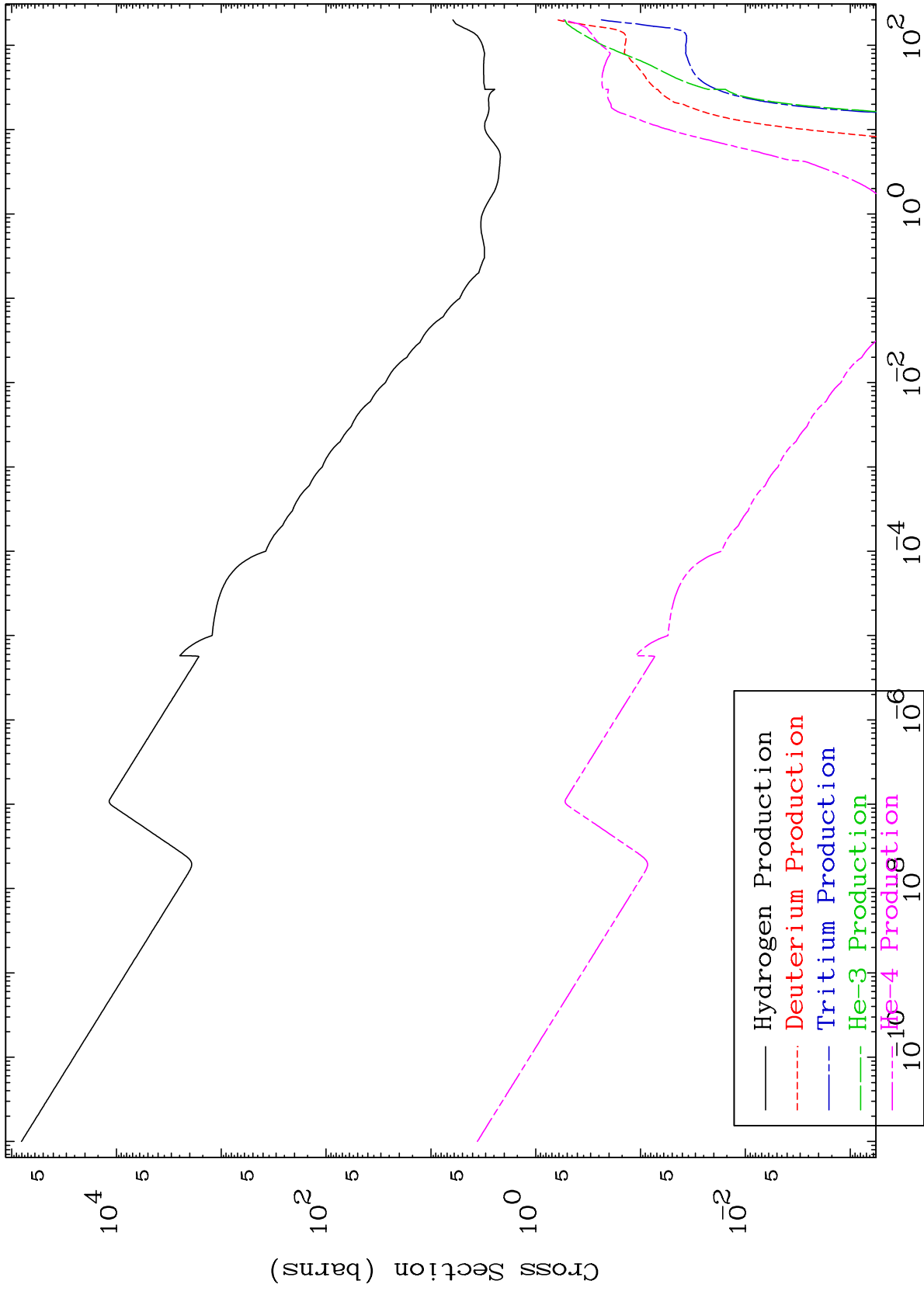




MAT 6671

Particle Production
293 Kelvin Cross Sections

67-Ho-147



5

Incident Energy (MeV)

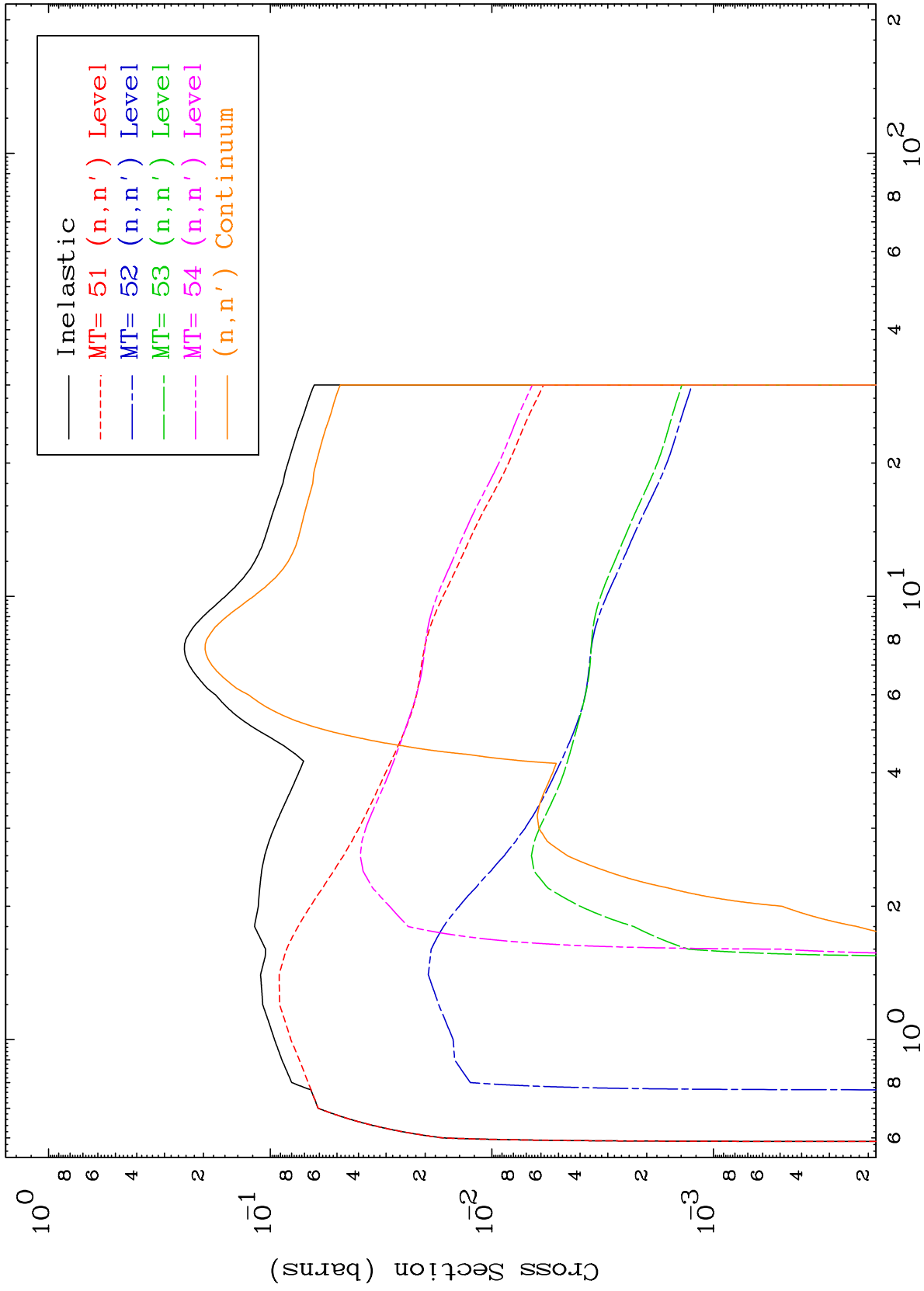
67-Ho-147

MAT 6671

(n,n') Level

67-Ho-147

293 Kelvin Cross Sections



6

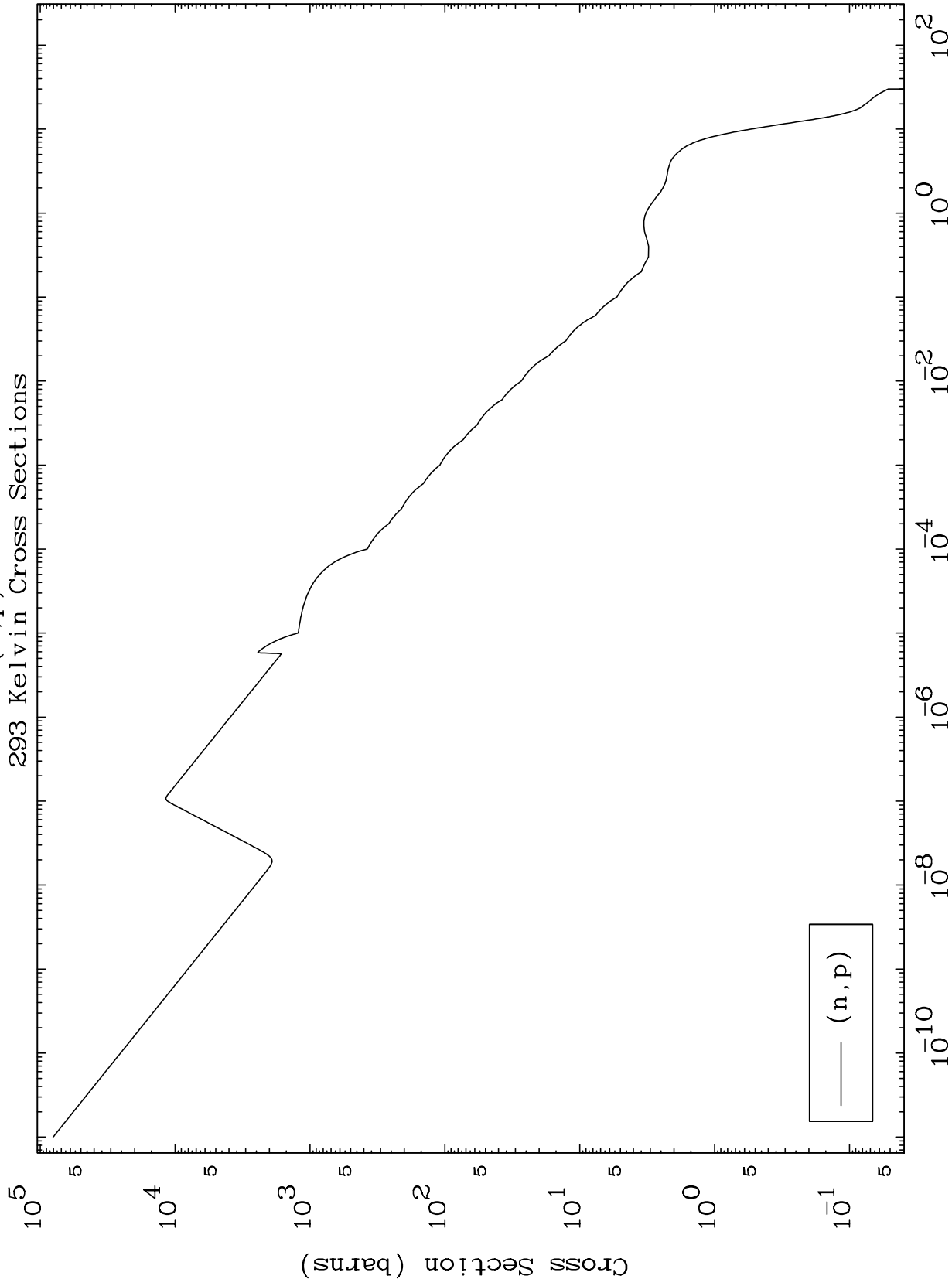
Incident Energy (MeV)

67-Ho-147

MAT 6671

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-147



7

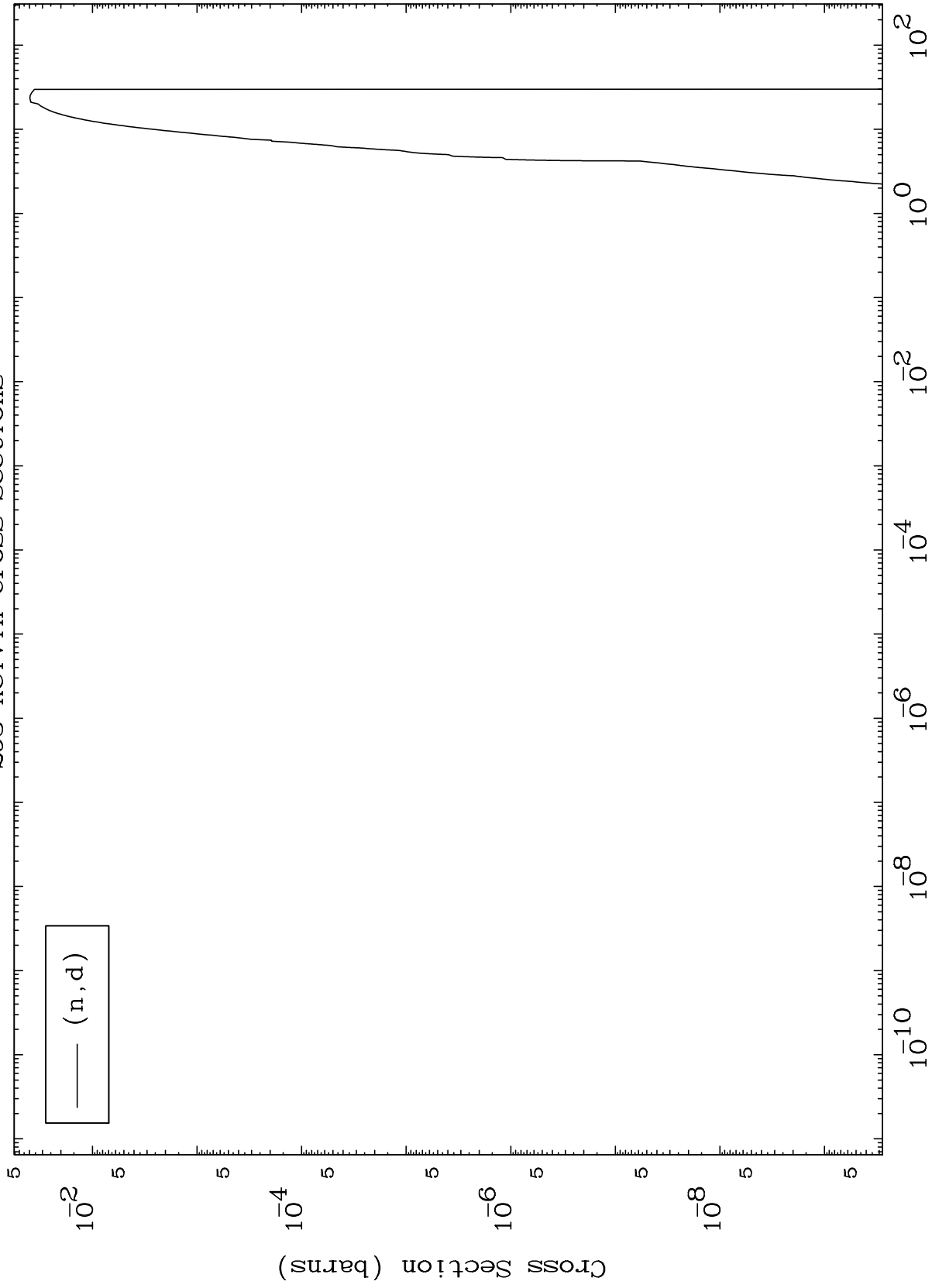
Incident Energy (MeV)

67-Ho-147

MAT 6671

(n,d) Levels
293 Kelvin Cross Sections

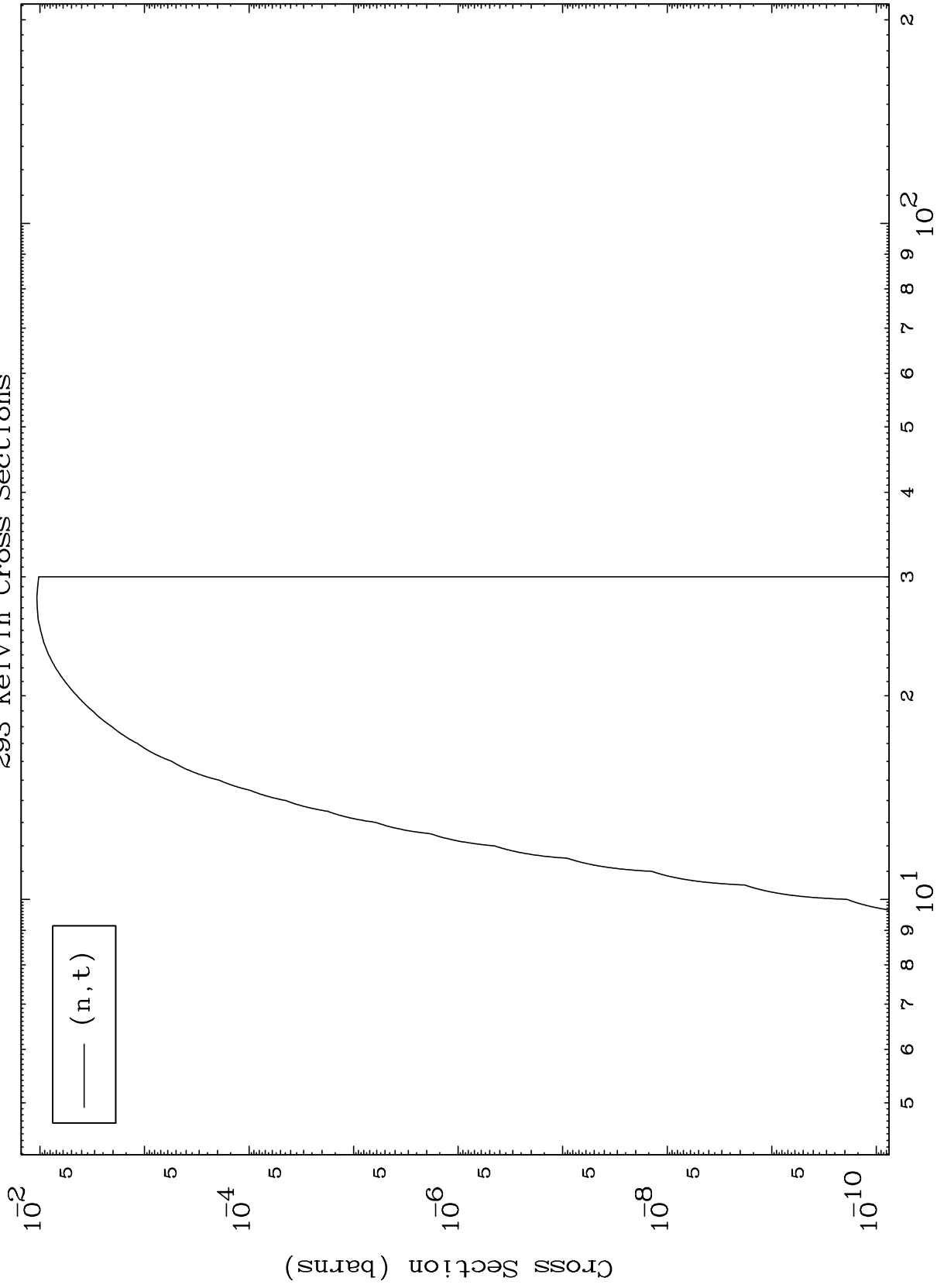
67-Ho-147



MAT 6671

(n,t) Levels
293 Kelvin Cross Sections

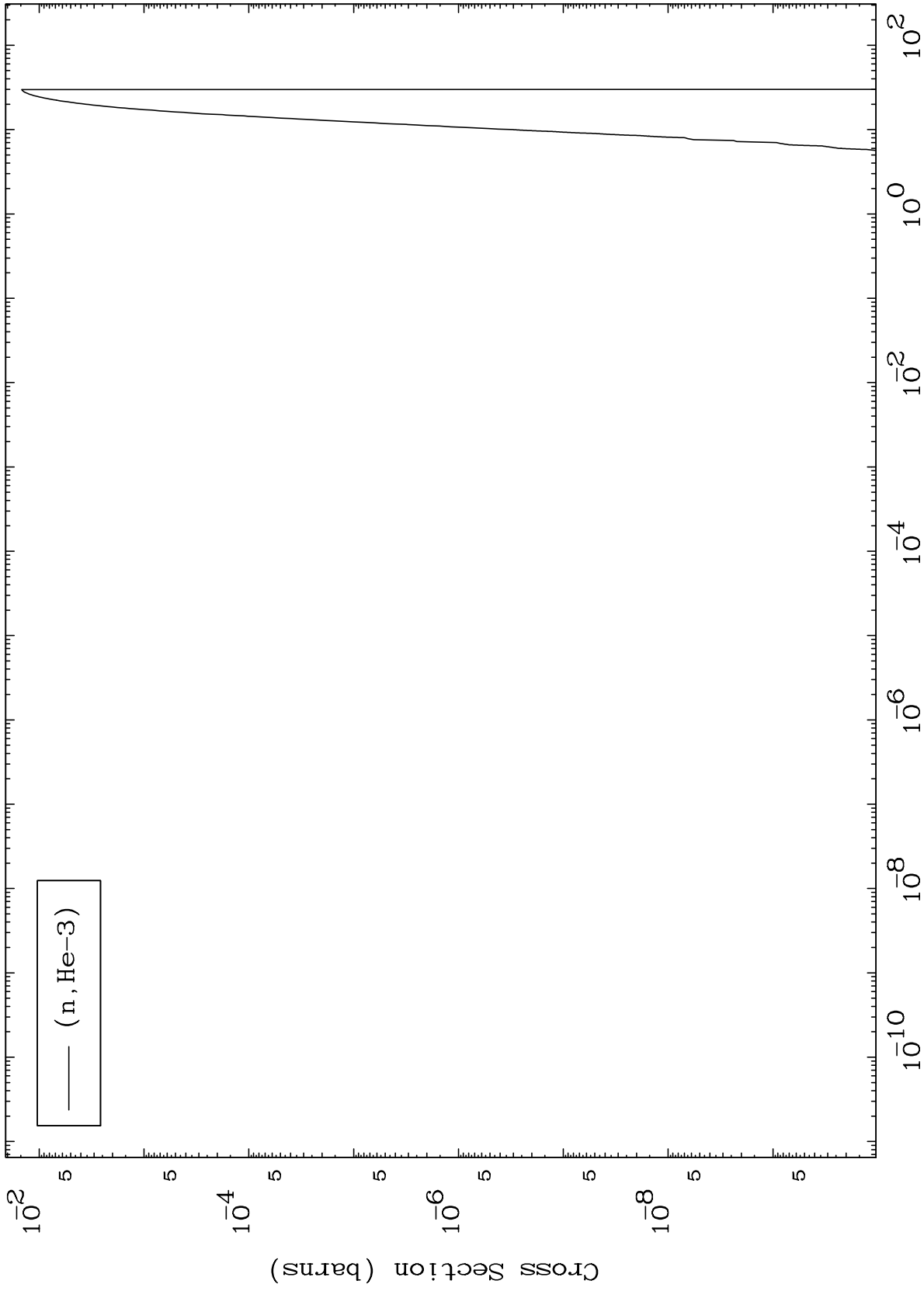
67-Ho-147



MAT 6671

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-147



10

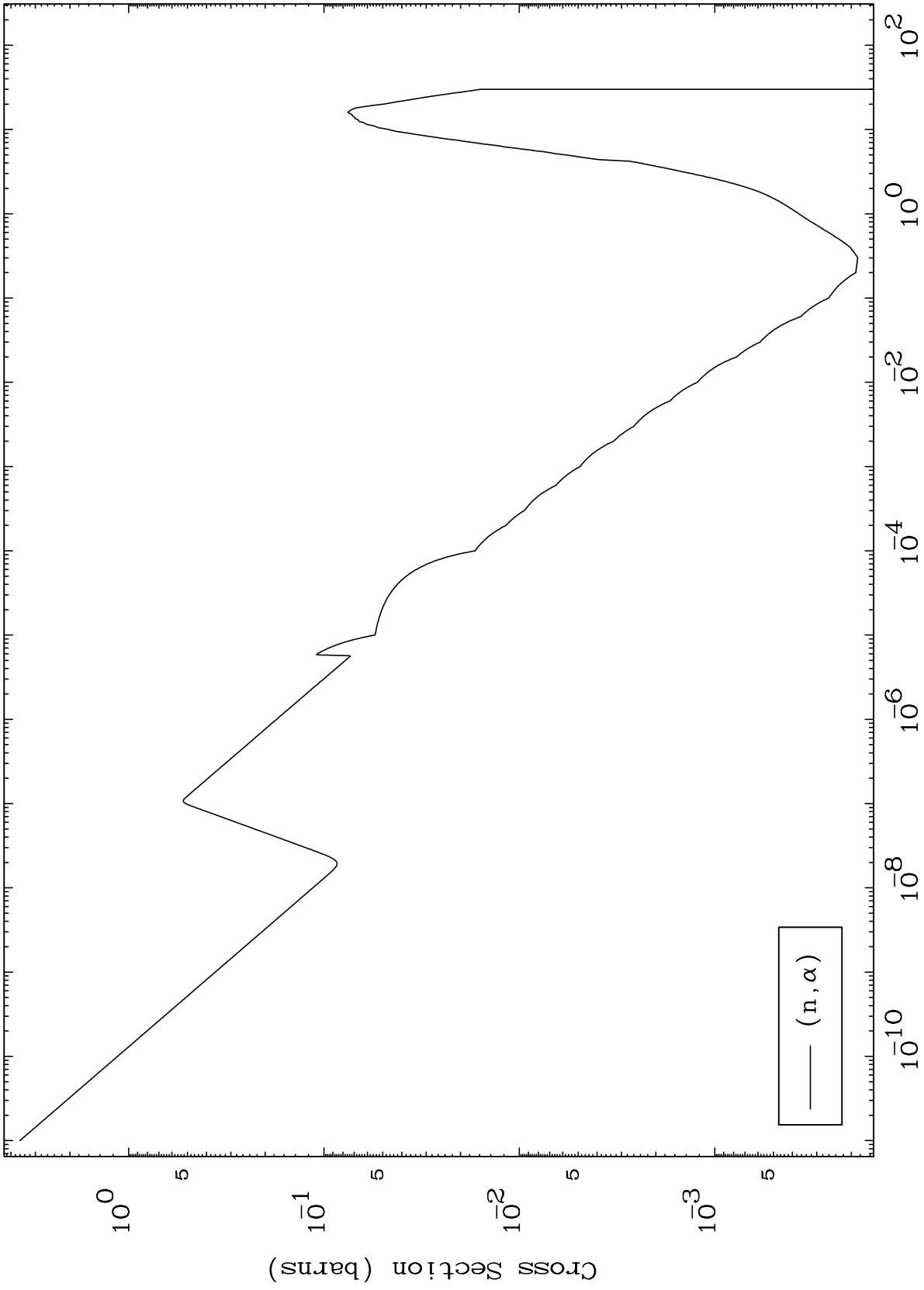
Incident Energy (MeV)

67-Ho-147

MAT 6671

(n,α) Levels
293 Kelvin Cross Sections

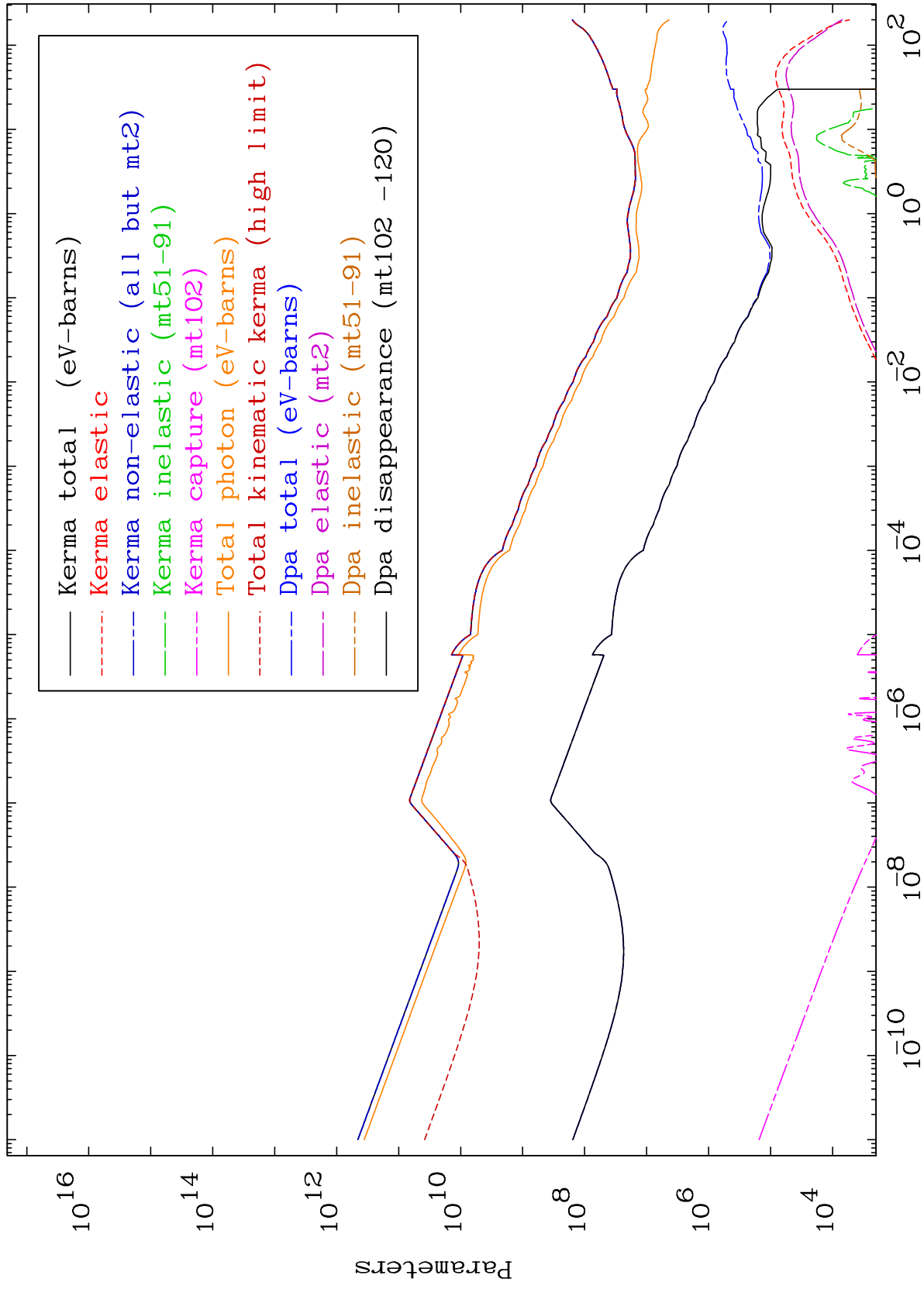
67-Ho-147



11

Incident Energy (MeV)

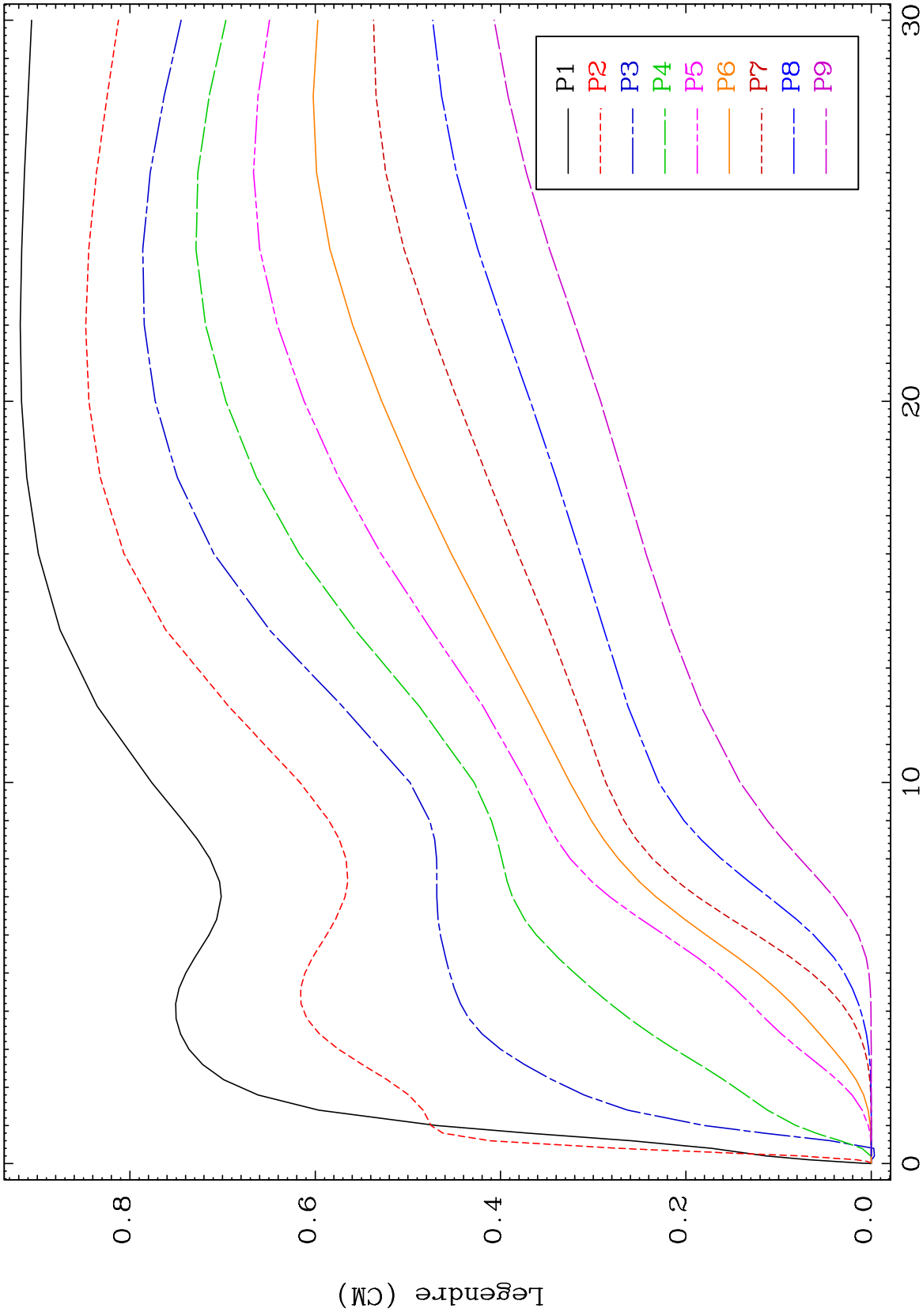
67-Ho-147



MAT 6671

Elastic Legendre Coefficients

67-Ho-147



13

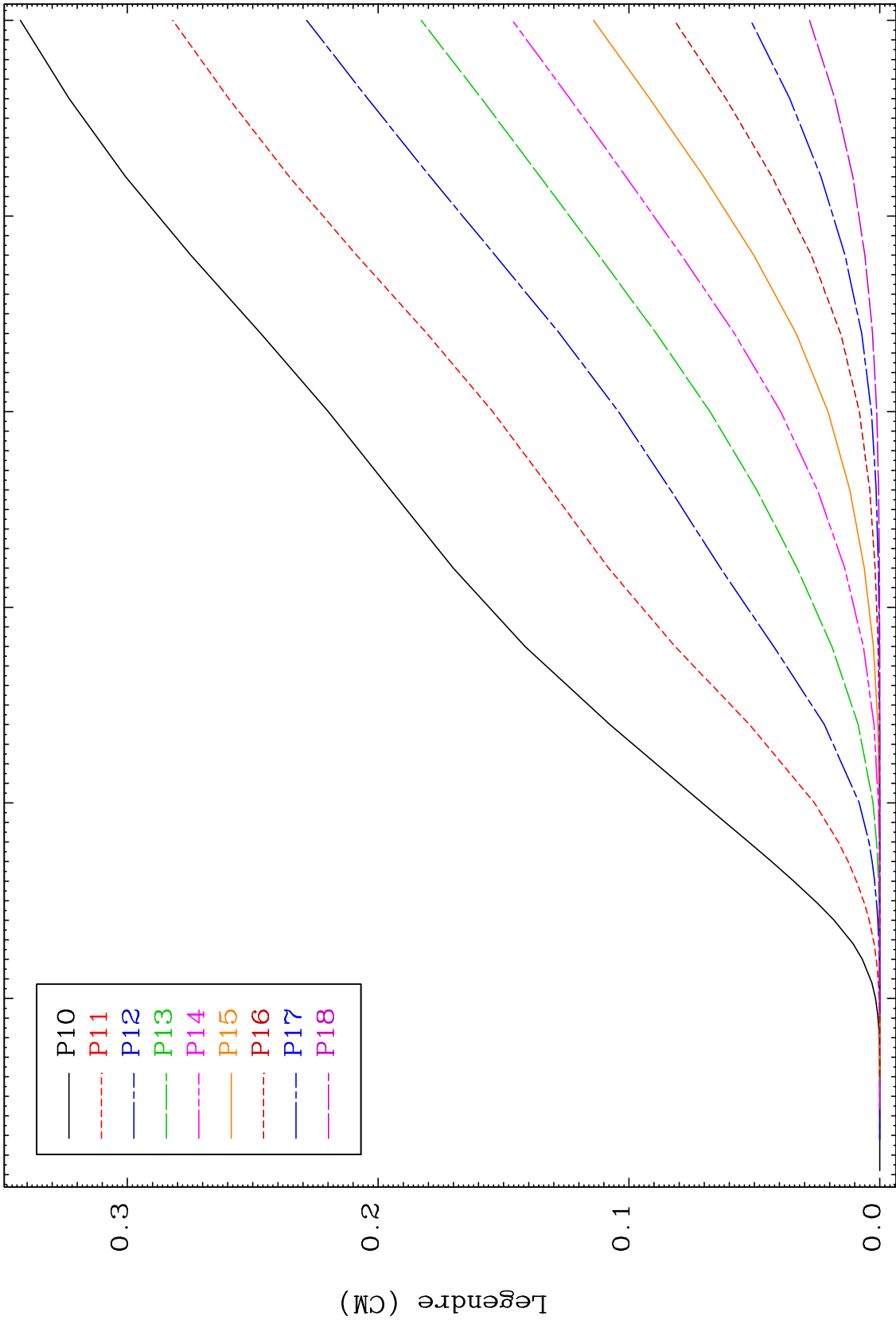
Incident Energy (MeV)

67-Ho-147

MAT 6671

Elastic Legendre Coefficients

67-Ho-147



14

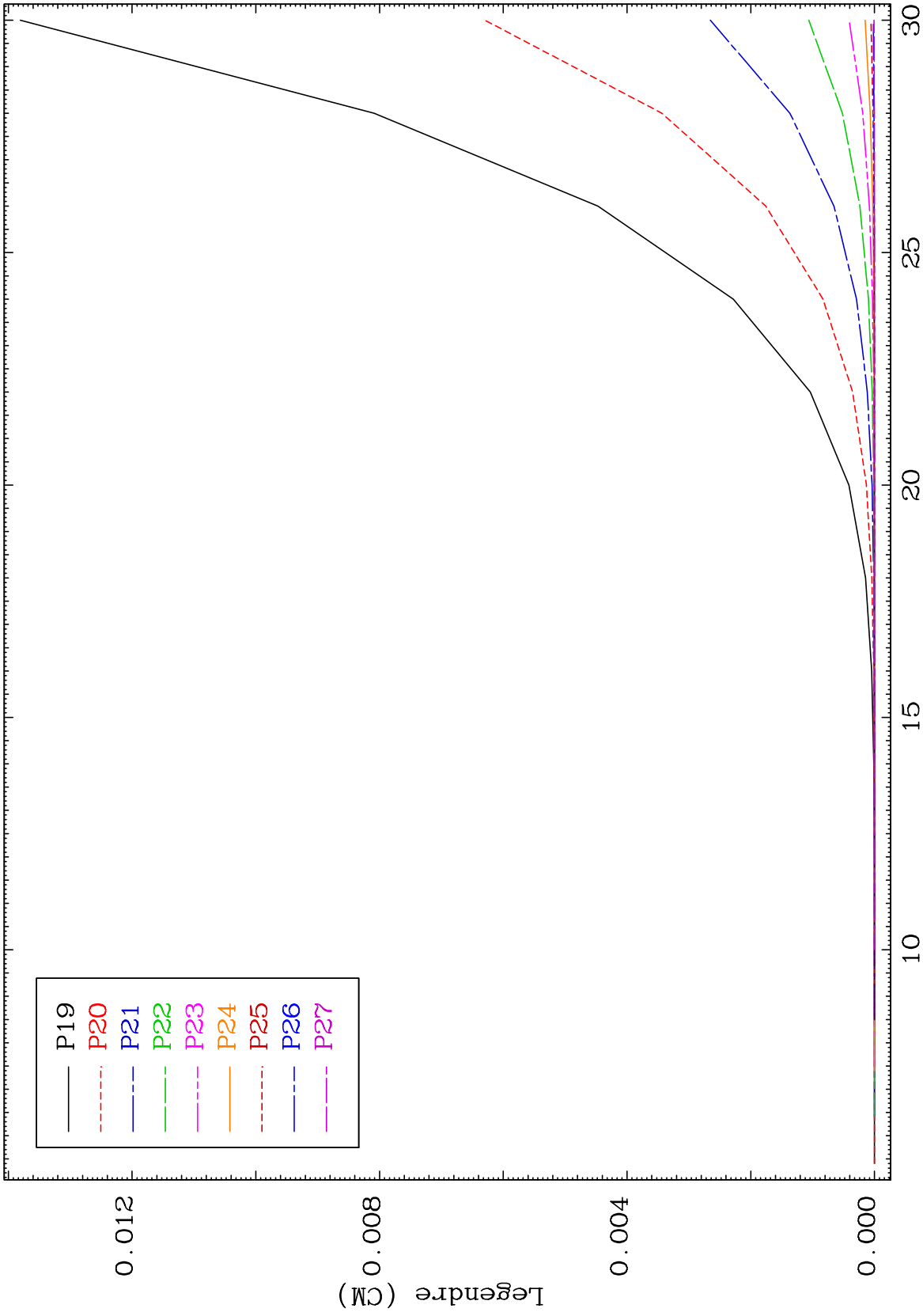
Incident Energy (MeV)

67-Ho-147

MAT 6671

Elastic Legendre Coefficients

67-Ho-147



15

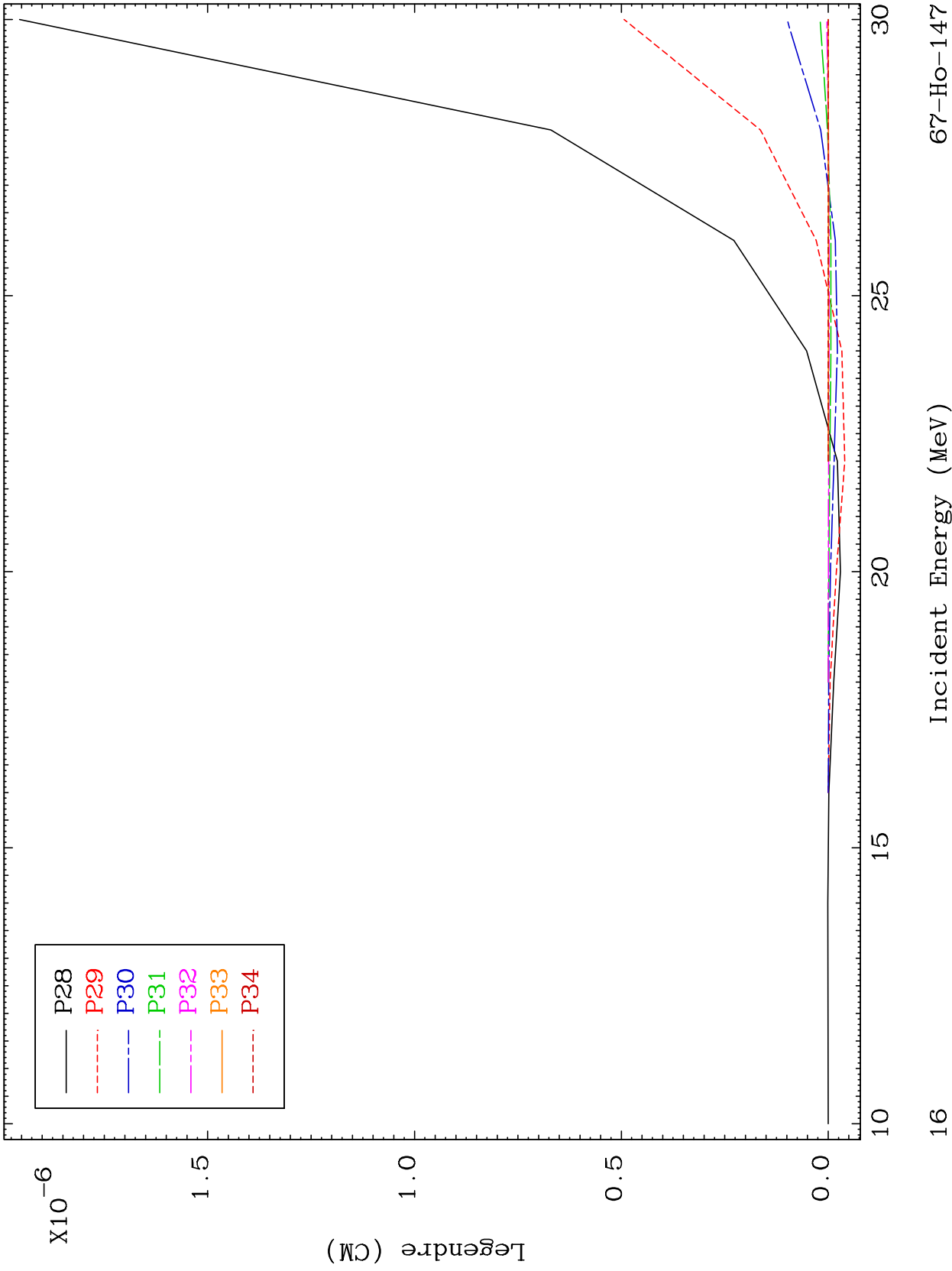
Incident Energy (MeV)

67-Ho-147

MAT 6671

Elastic Legendre Coefficients

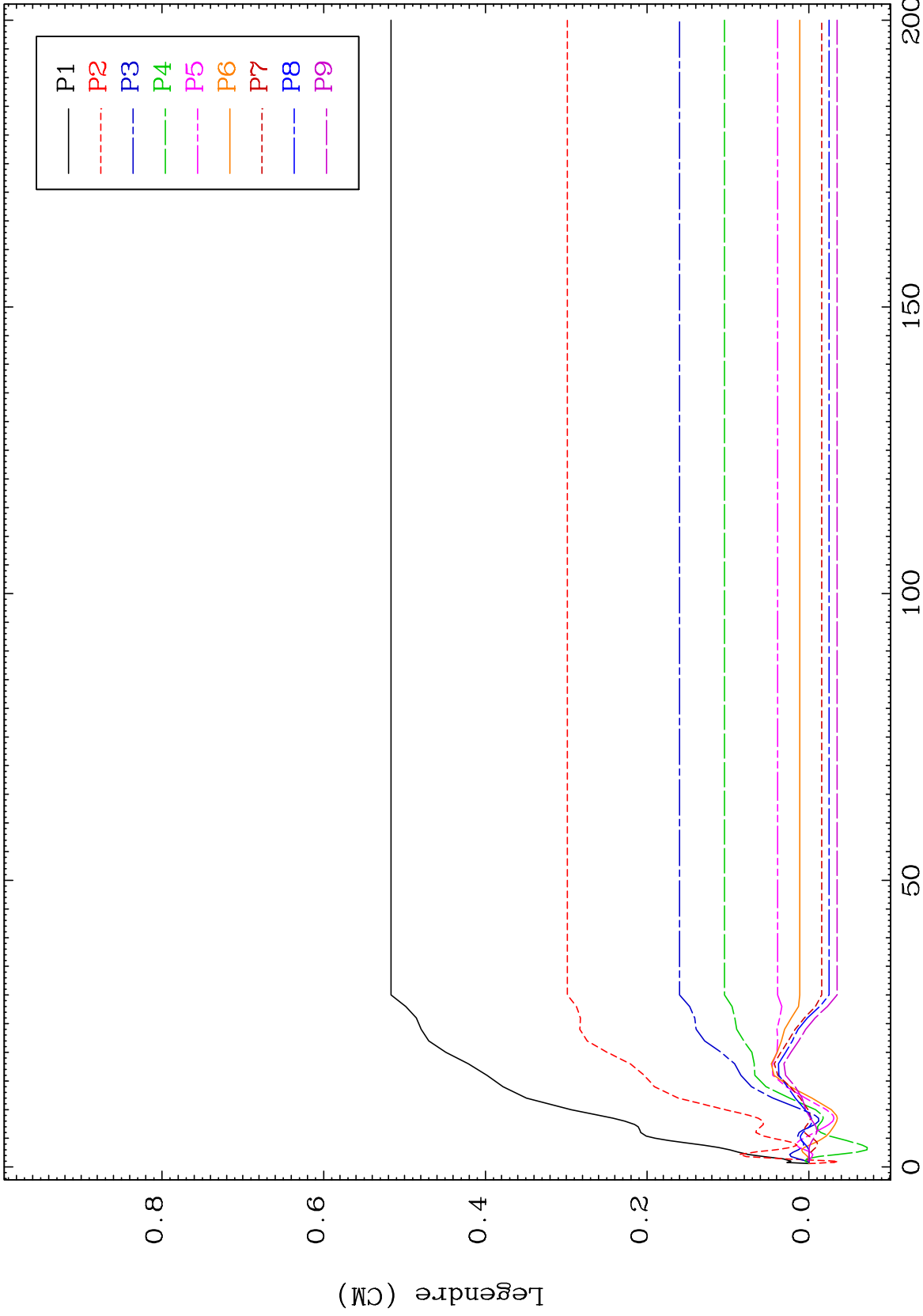
67-Ho-147



MAT 6671

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

67-Ho-147



17

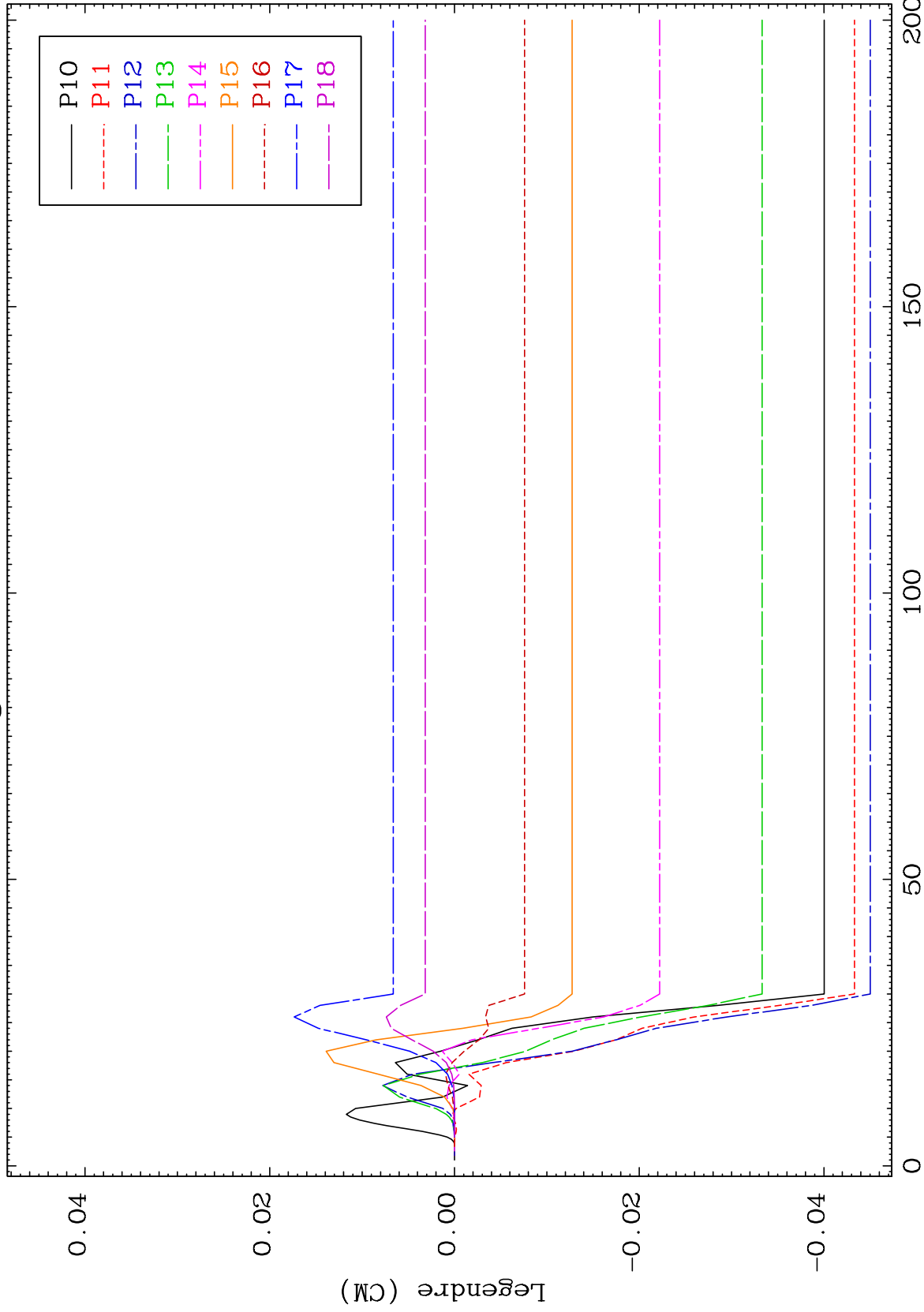
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



18

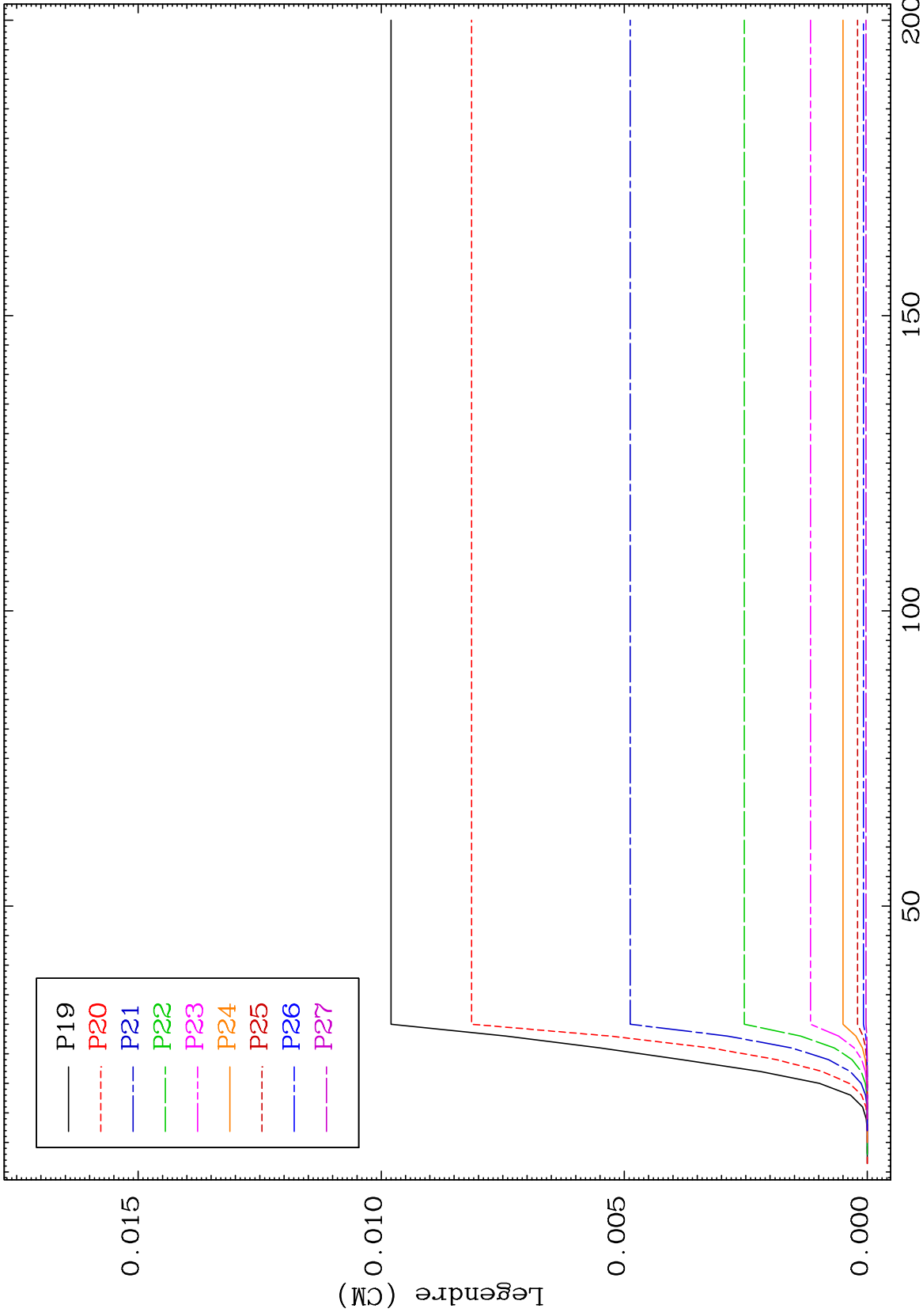
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



19

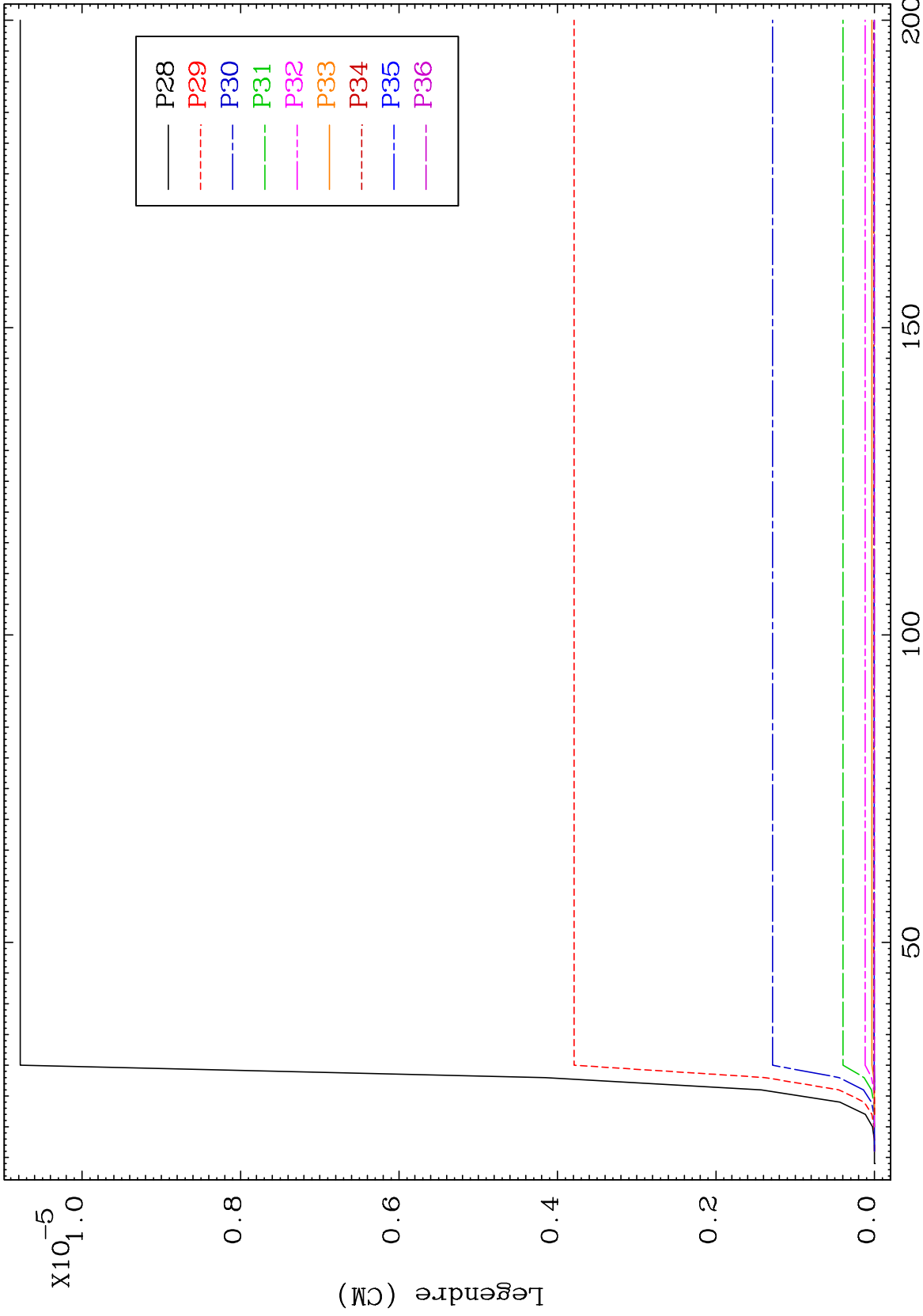
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



20

50

100

150

200

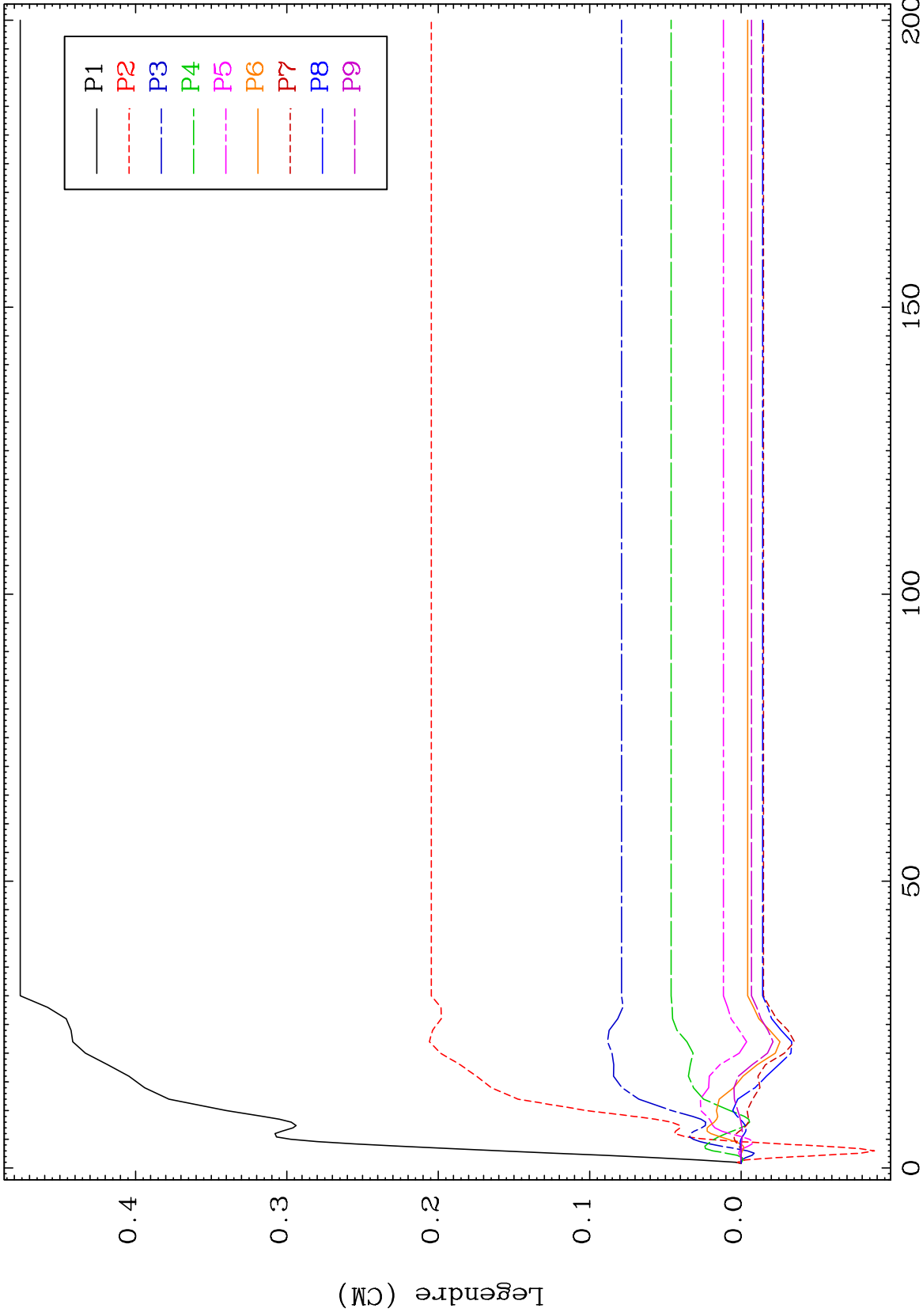
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147

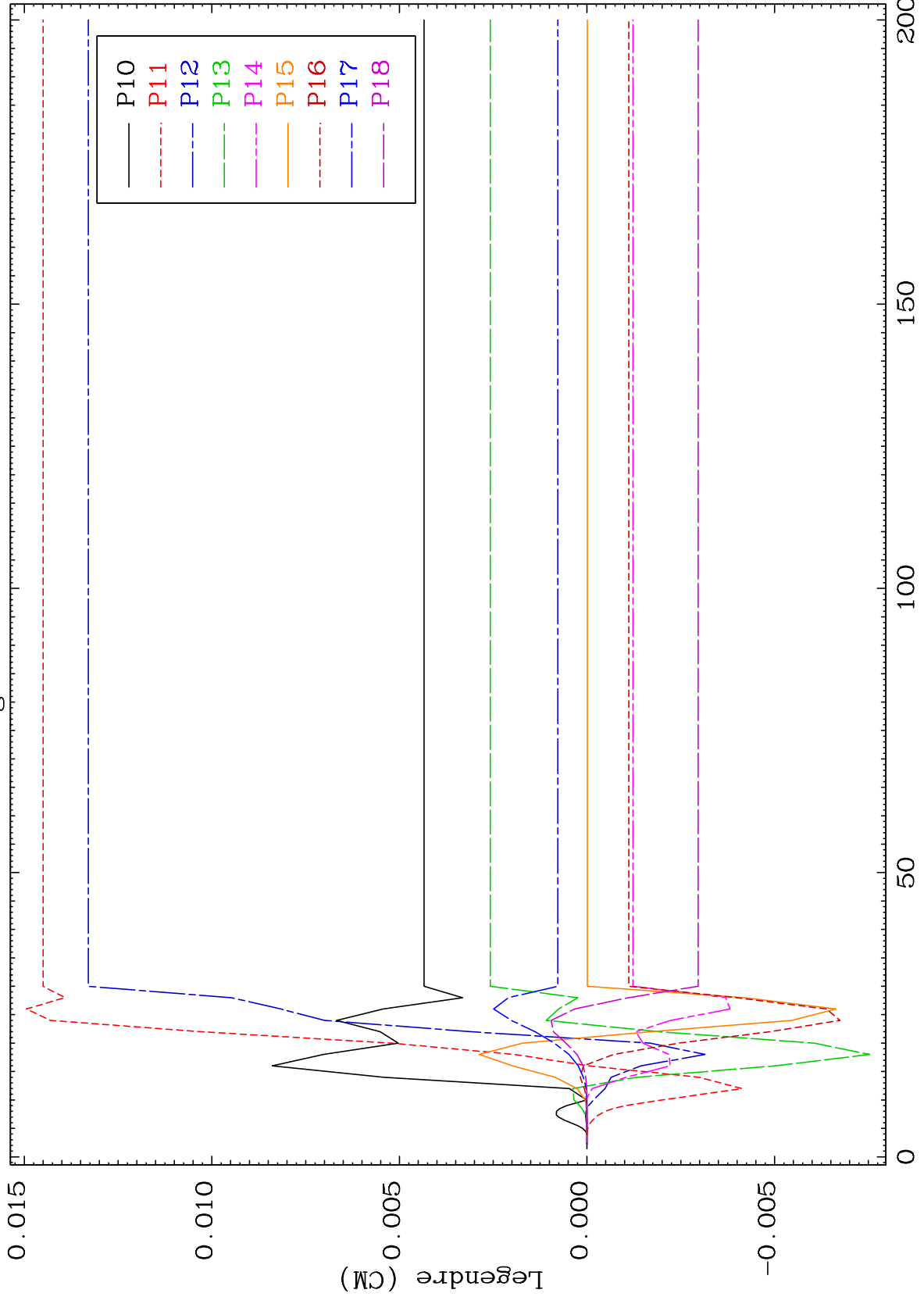


21

Incident Energy (MeV)

67-Ho-147

MAT 6671 MT= 52 (n,n') Level Legendre Coefficients 67-Ho-147

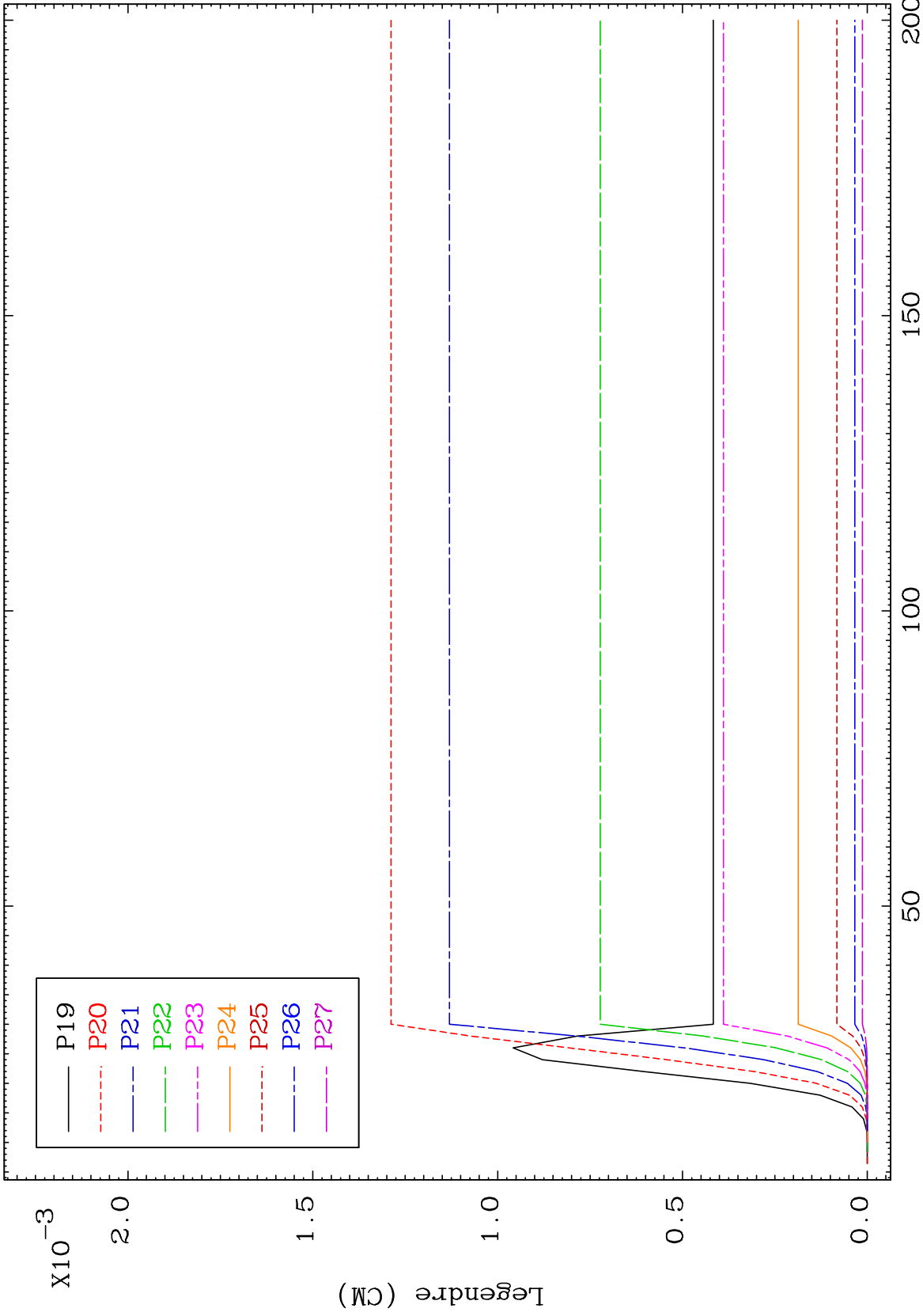


22 67-Ho-147

MAT 6671

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

67-Ho-147



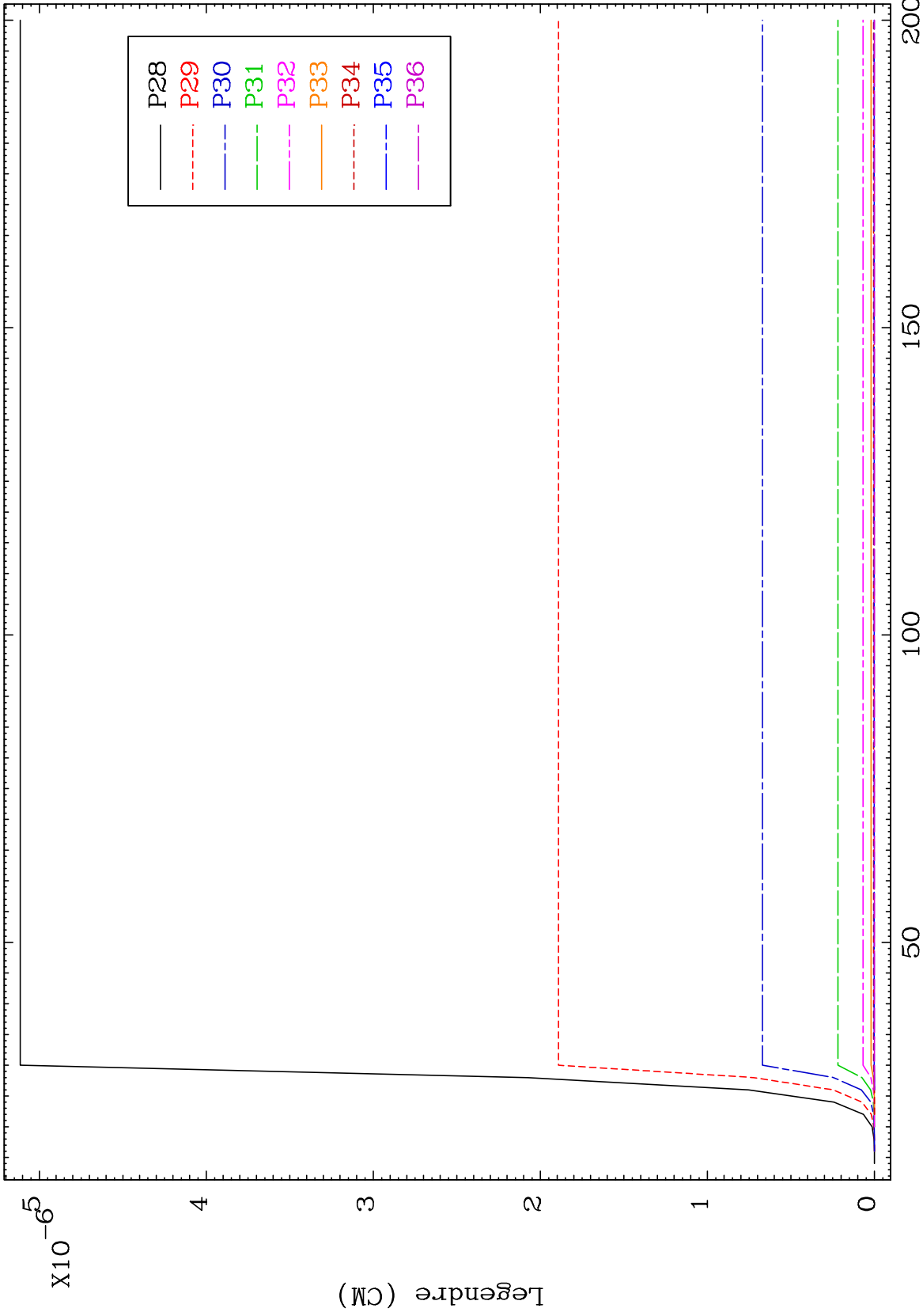
23

67-Ho-147

MAT 6671

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

67-Ho-147



24

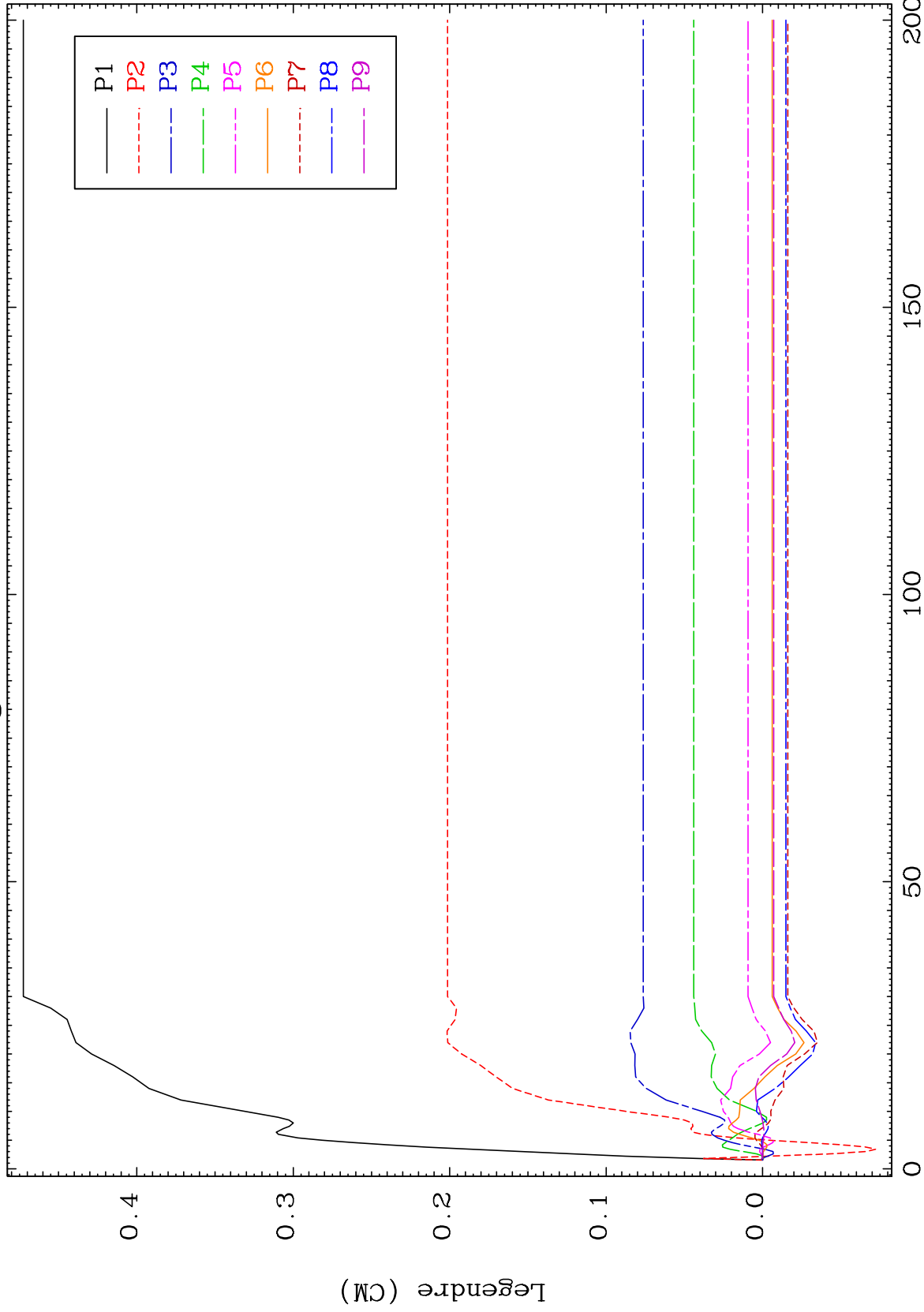
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



25

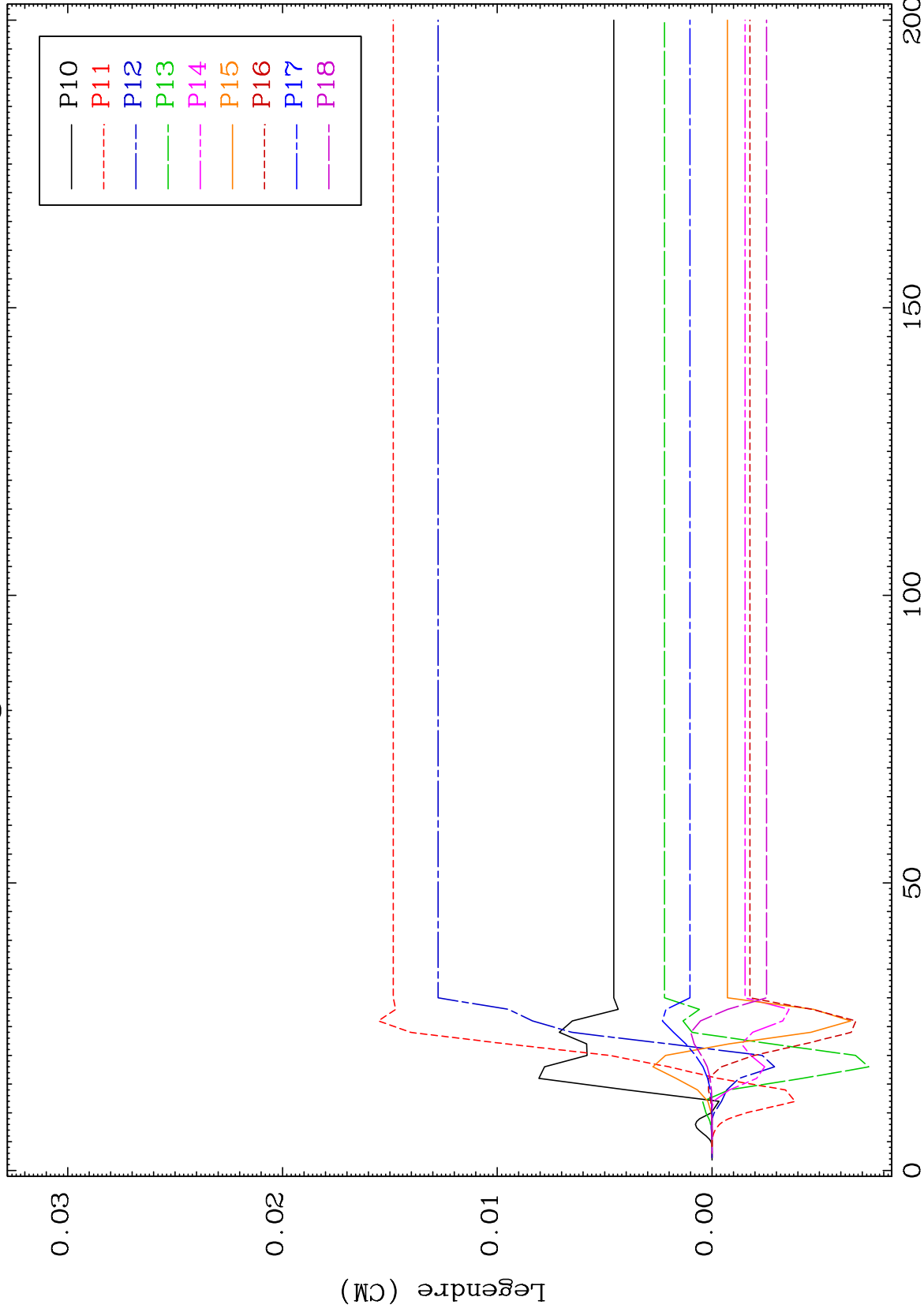
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



26

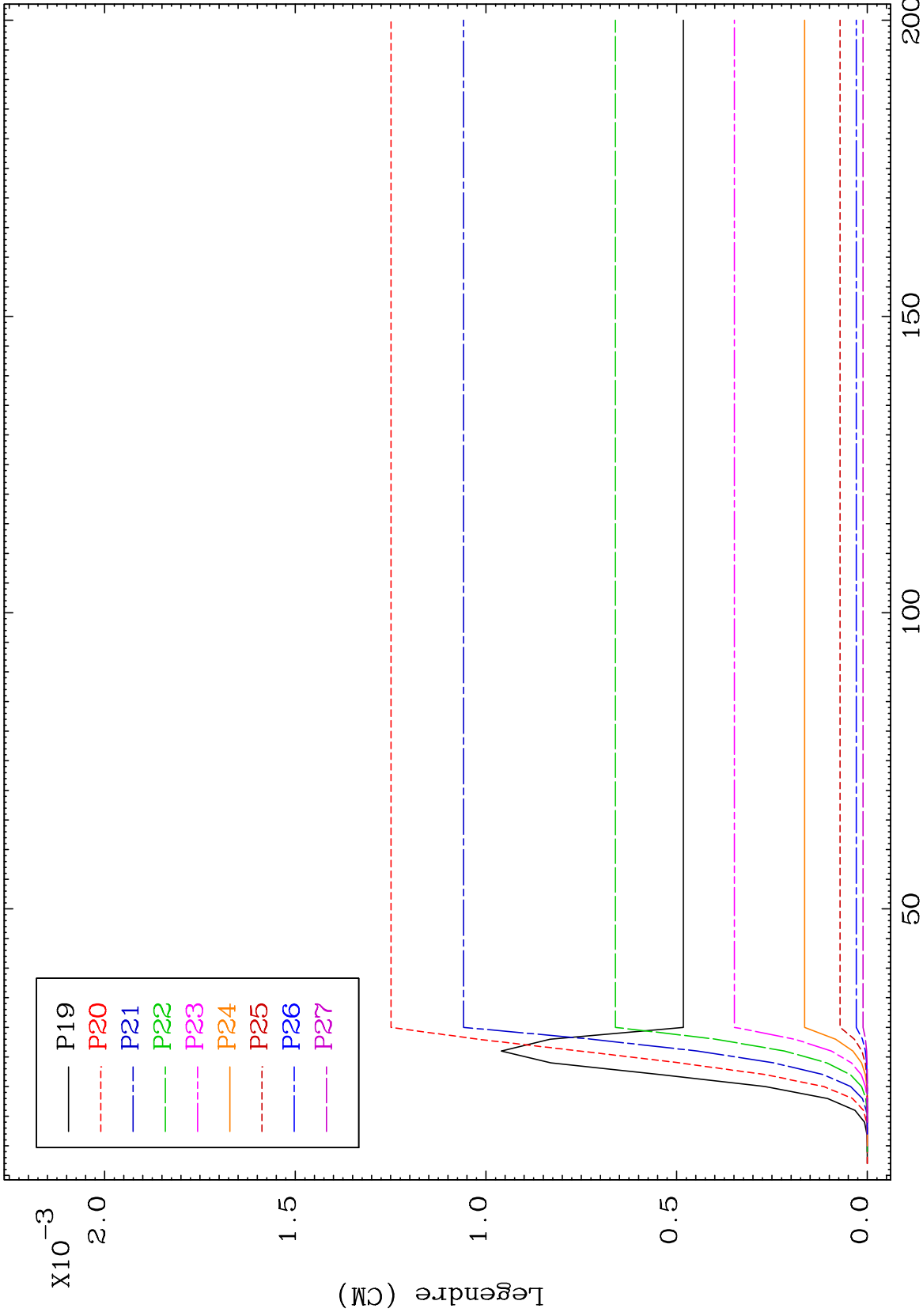
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



27

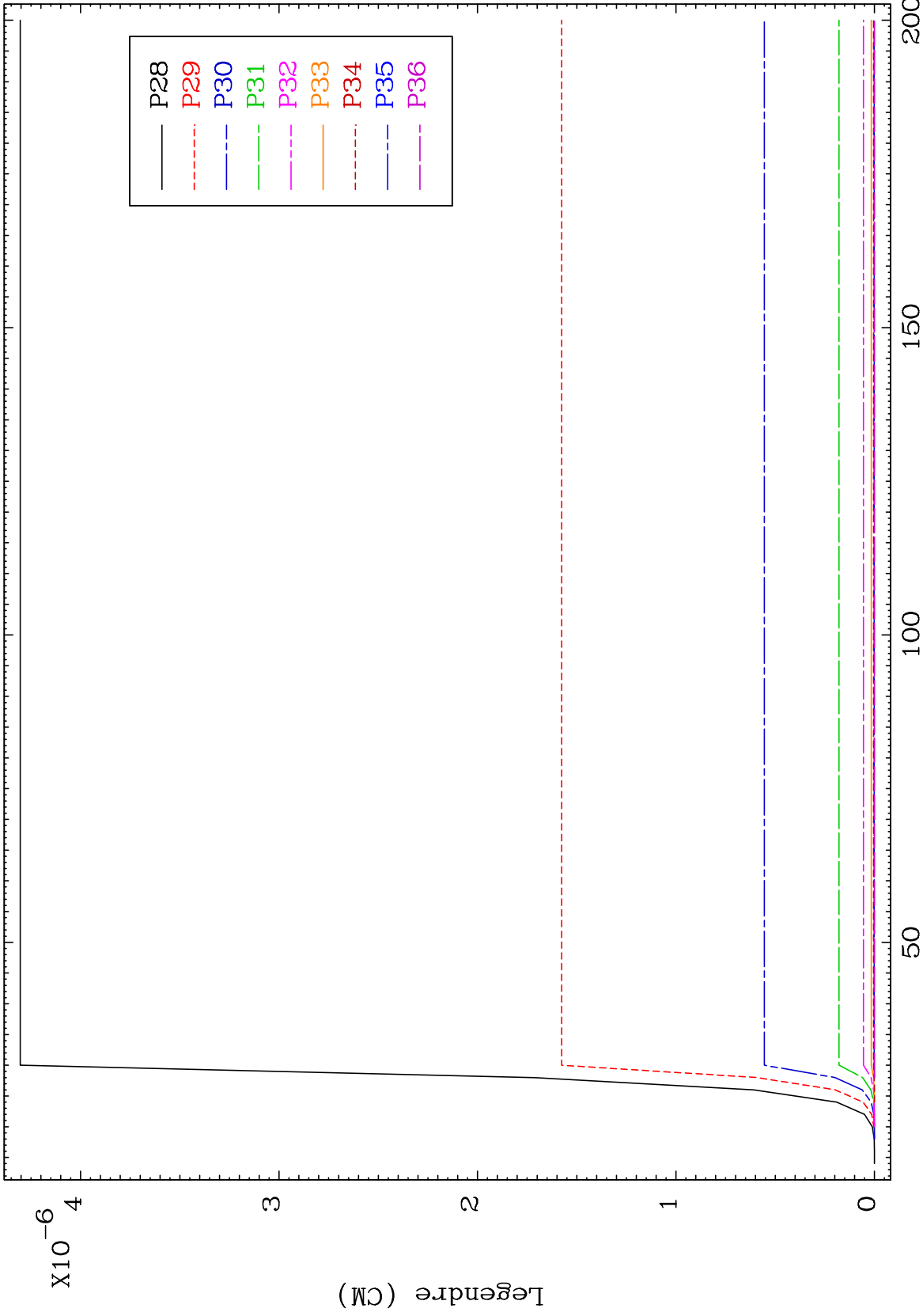
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



28

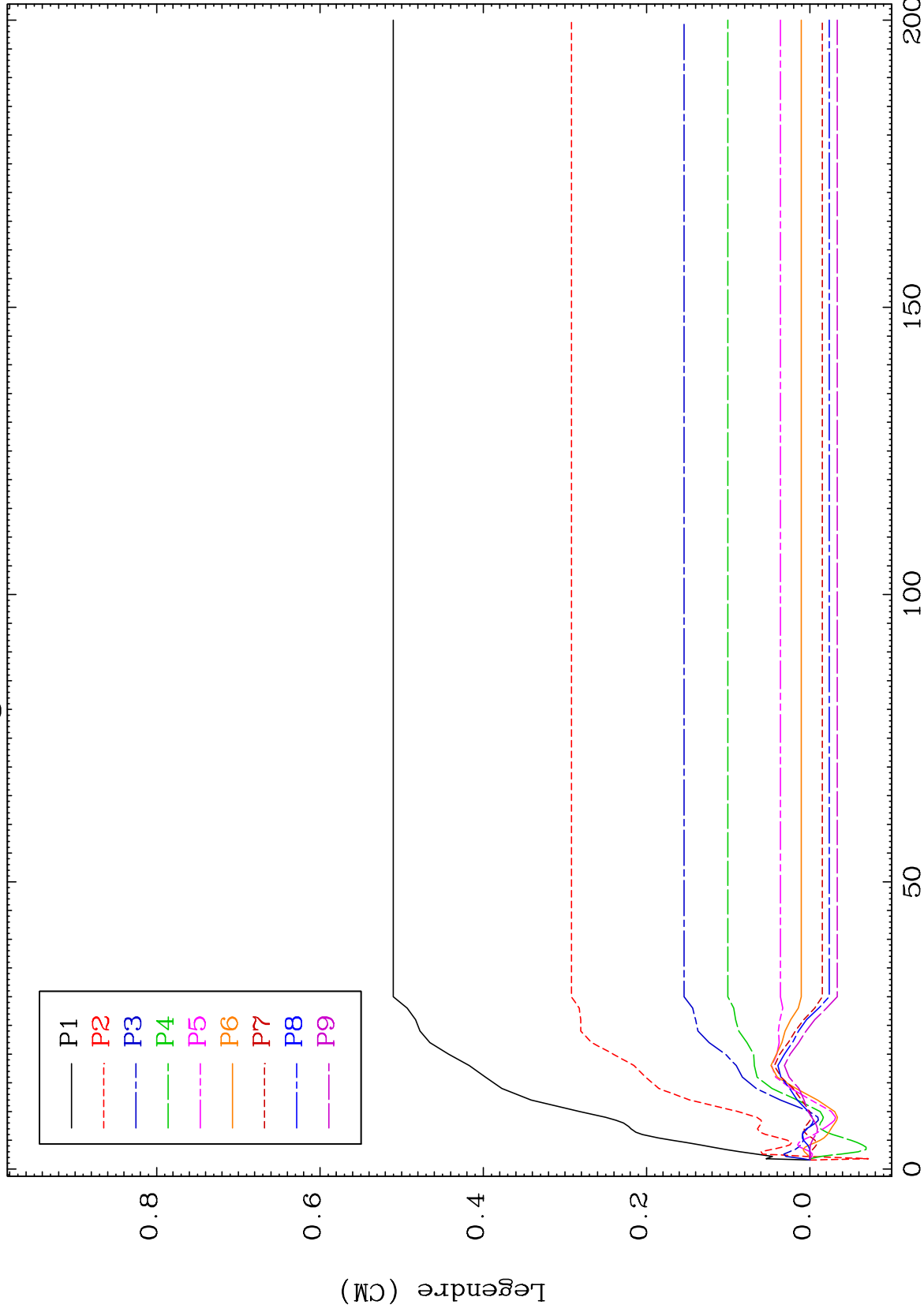
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



29

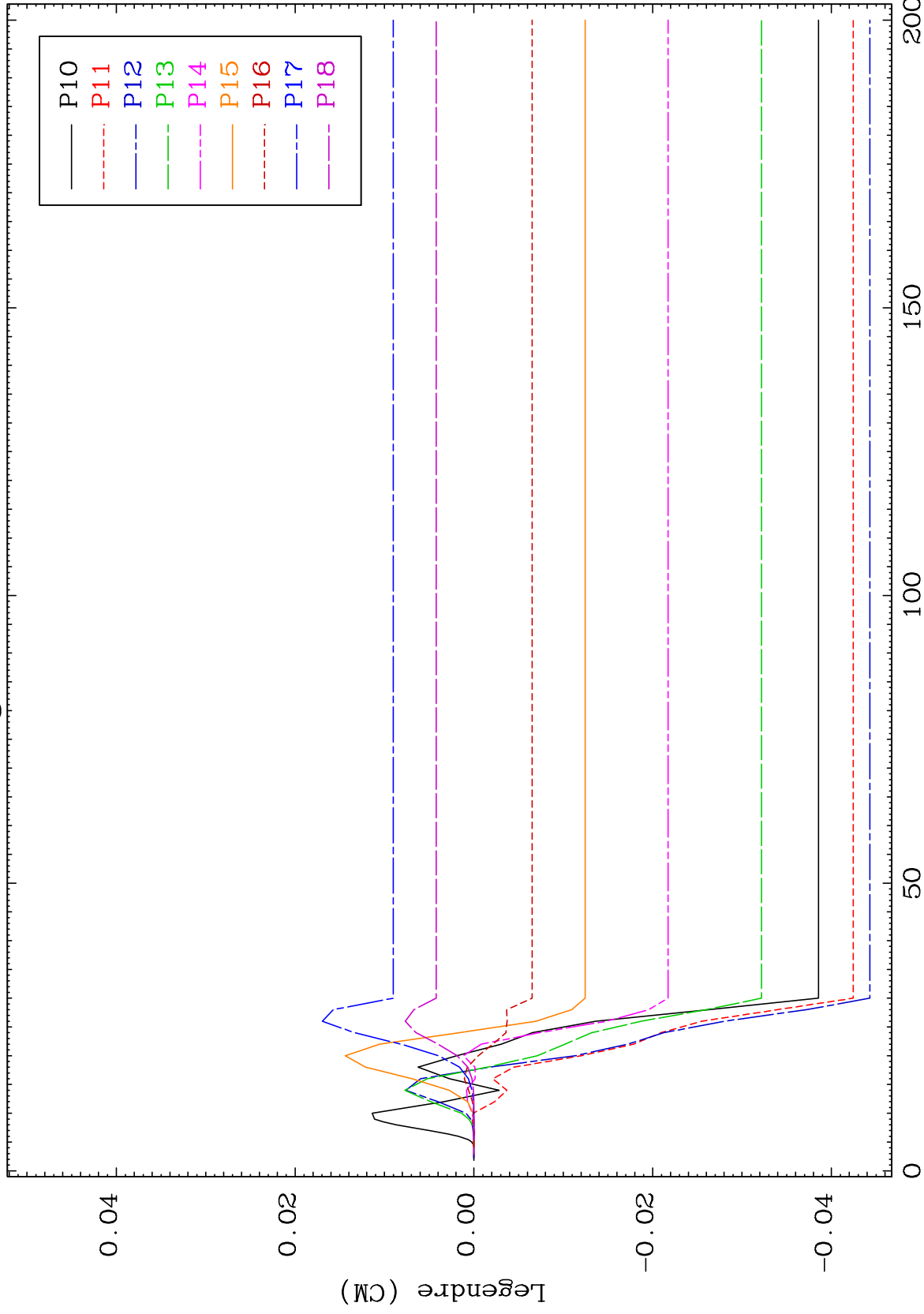
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



0

50

100

150

200

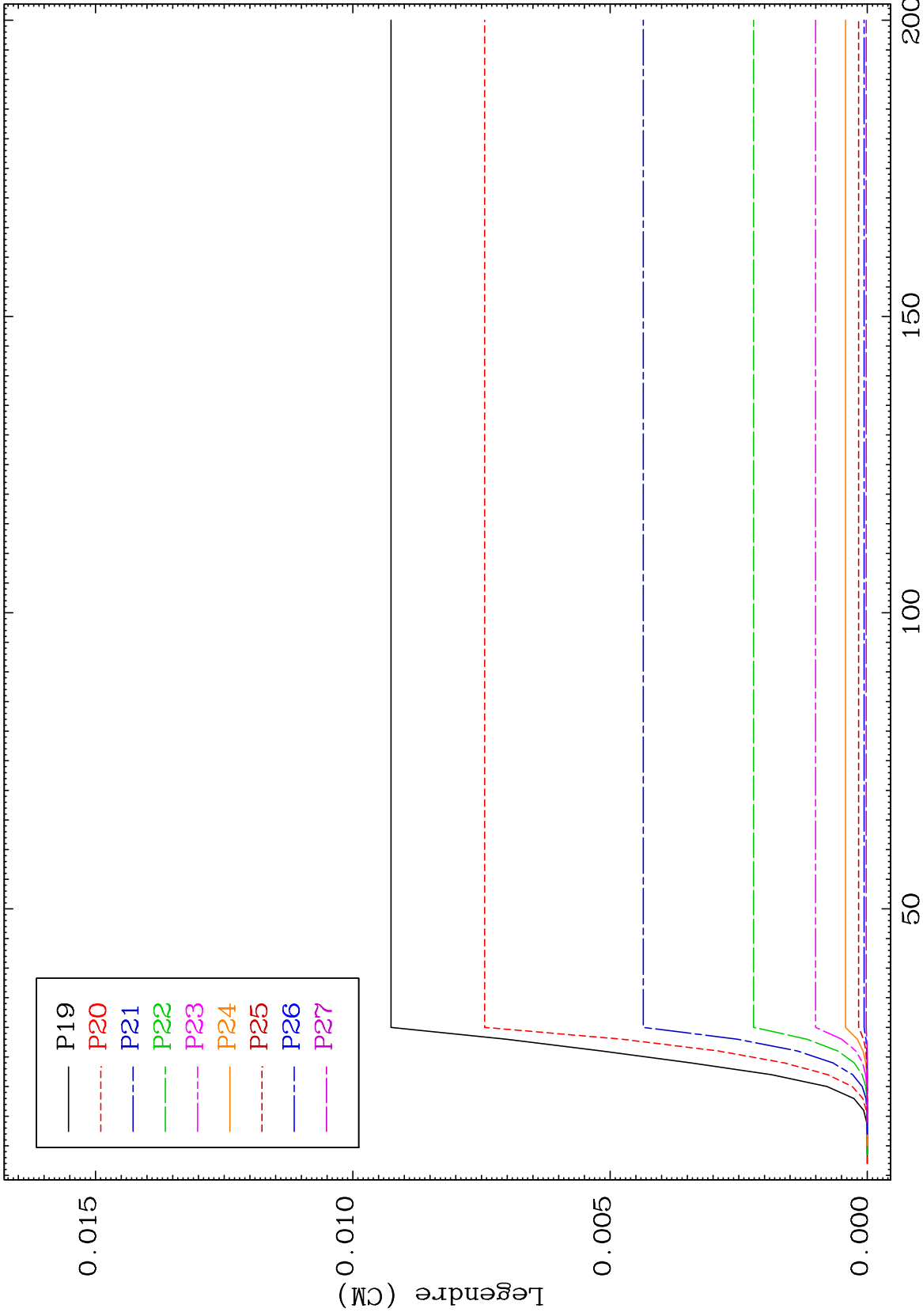
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



31

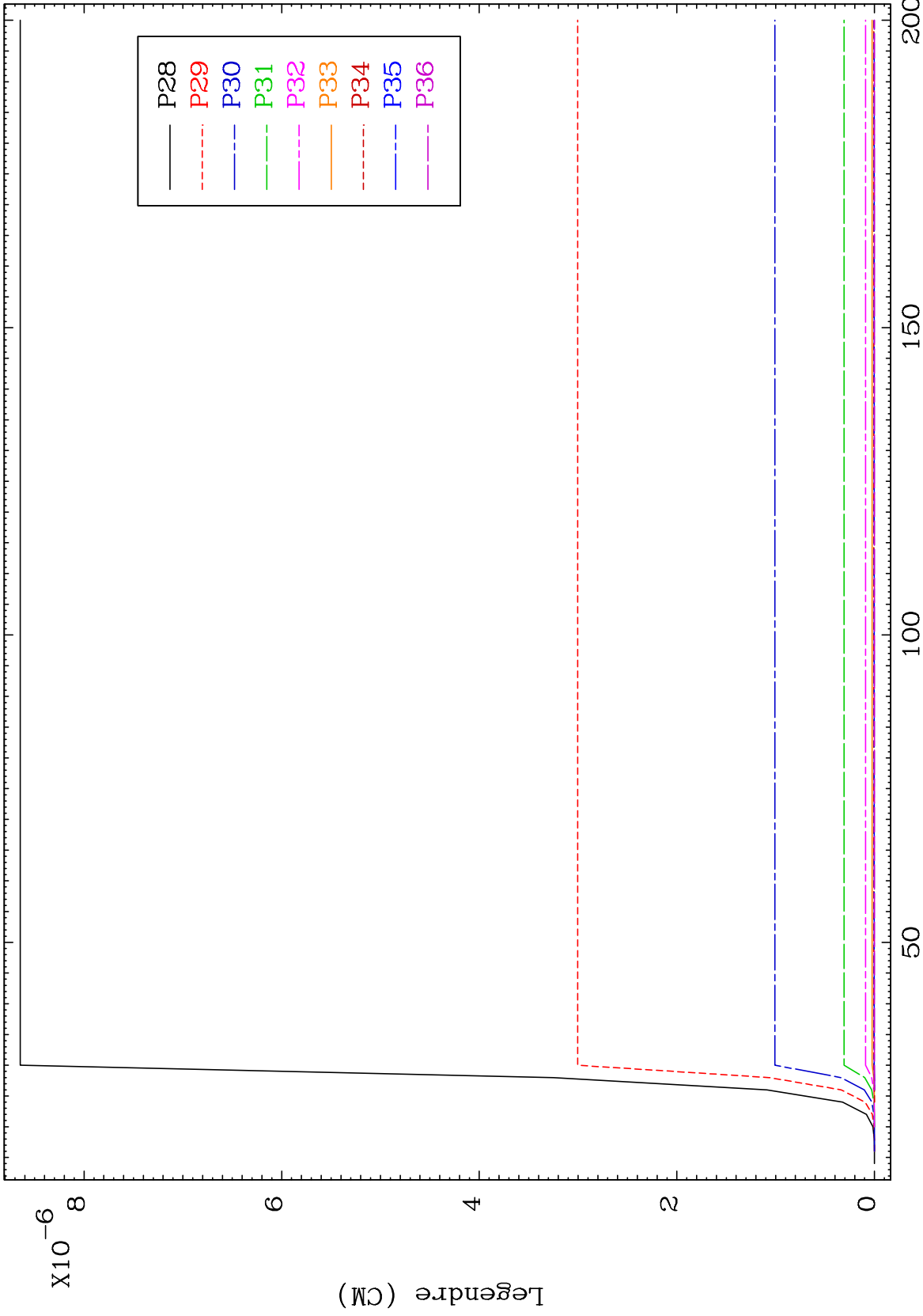
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



32

Incident Energy (MeV)

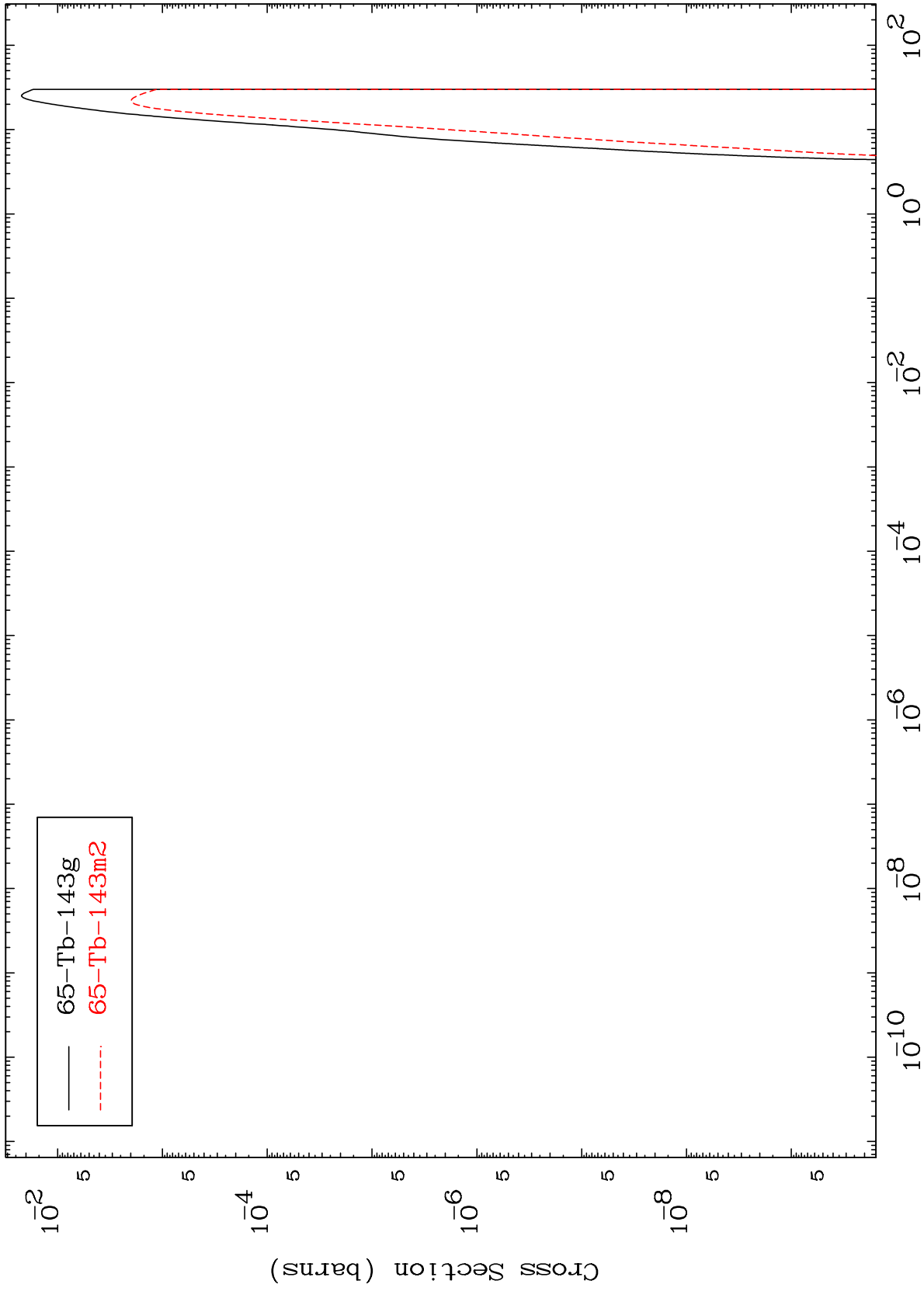
67-Ho-147

MAT 6671

(n,n') α

67-Ho-147

Radionuclide Production Cross Section



65-Tb-143g
65-Tb-143m2

33

Incident Energy (MeV)

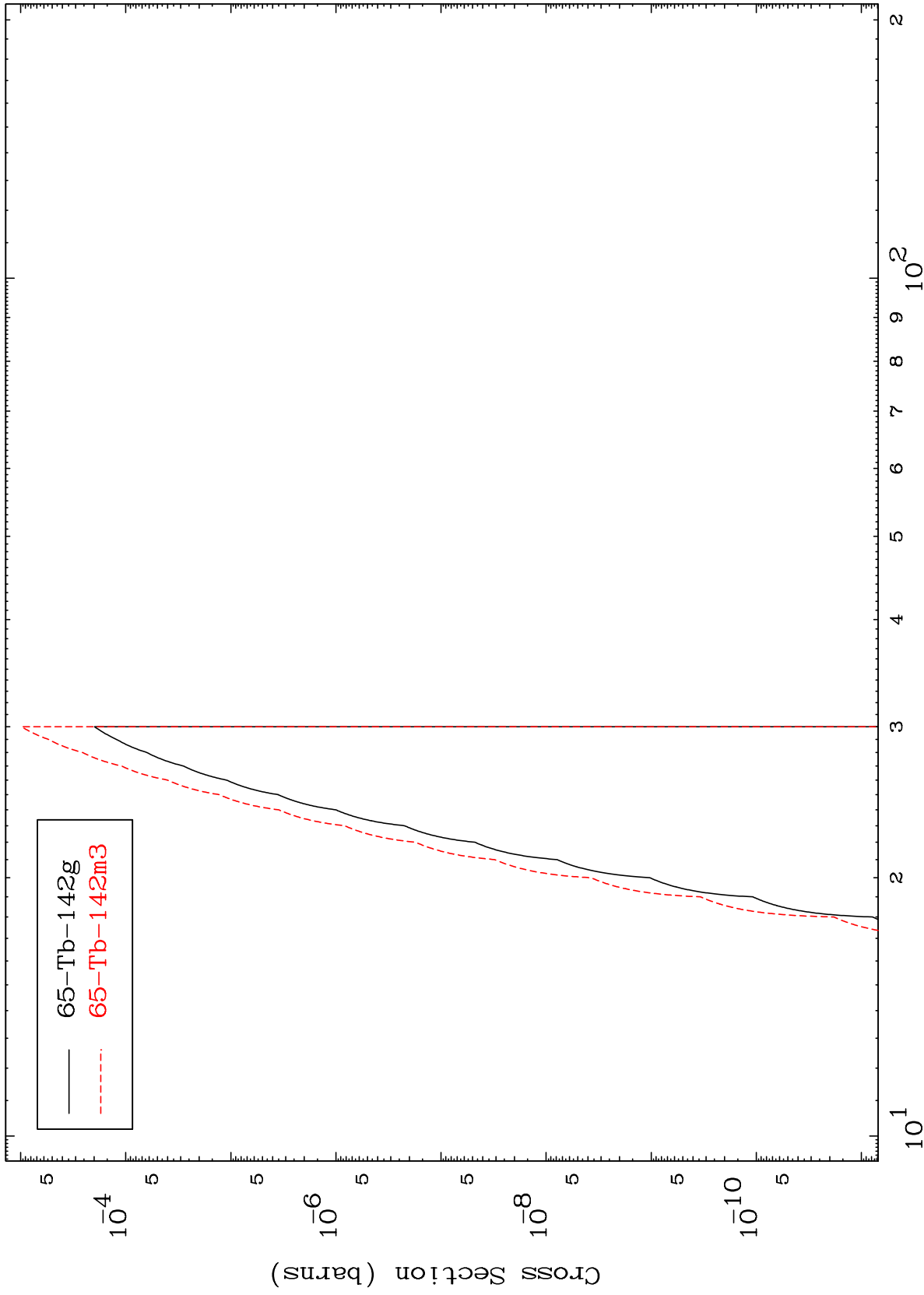
67-Ho-147

MAT 6671

(n,2n) α

67-Ho-147

Radionuclide Production Cross Section



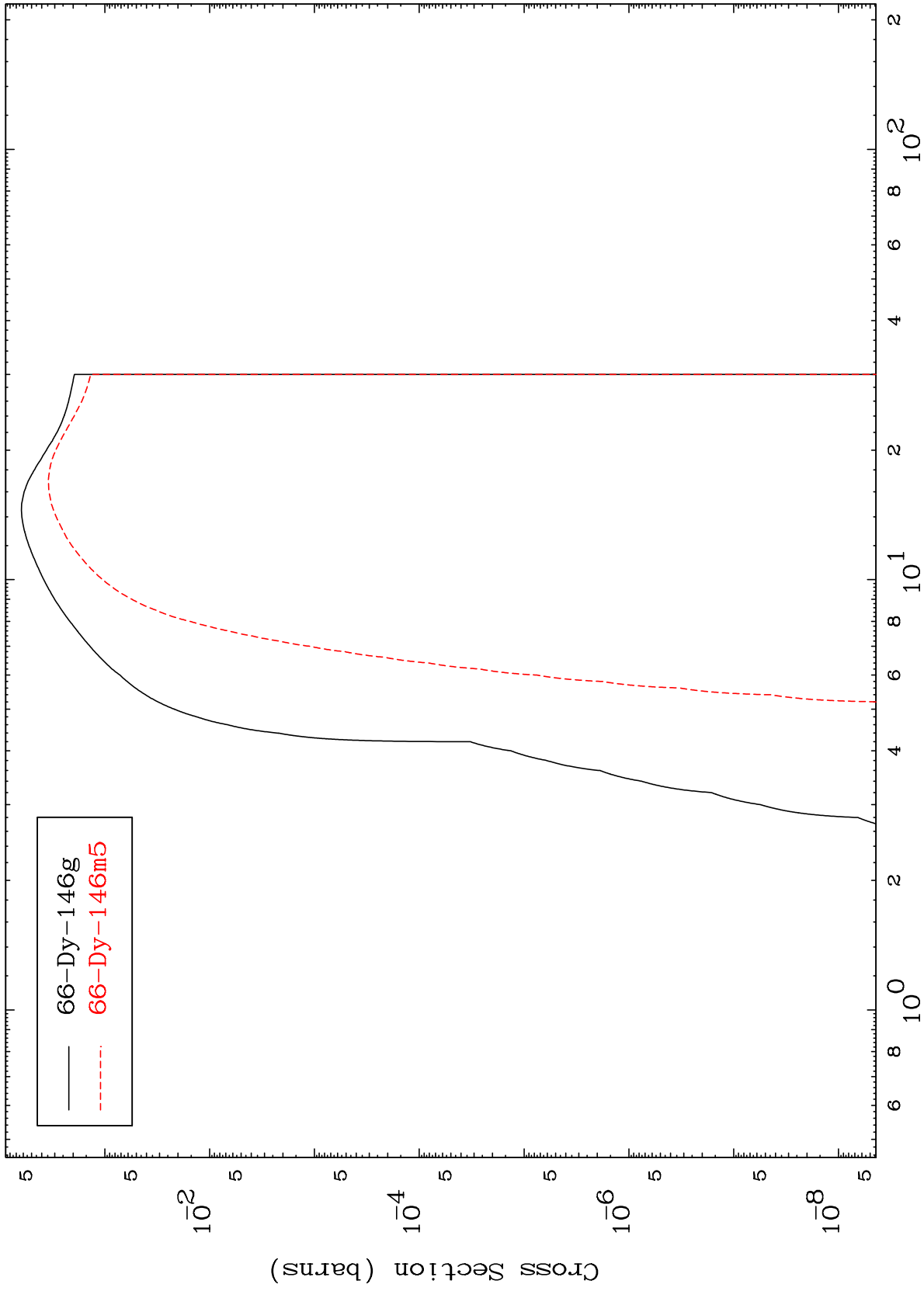
65-Tb-142g
65-Tb-142m3

MAT 6671

(n,n') p

67-Ho-147

Radionuclide Production Cross Section



35

Incident Energy (MeV)

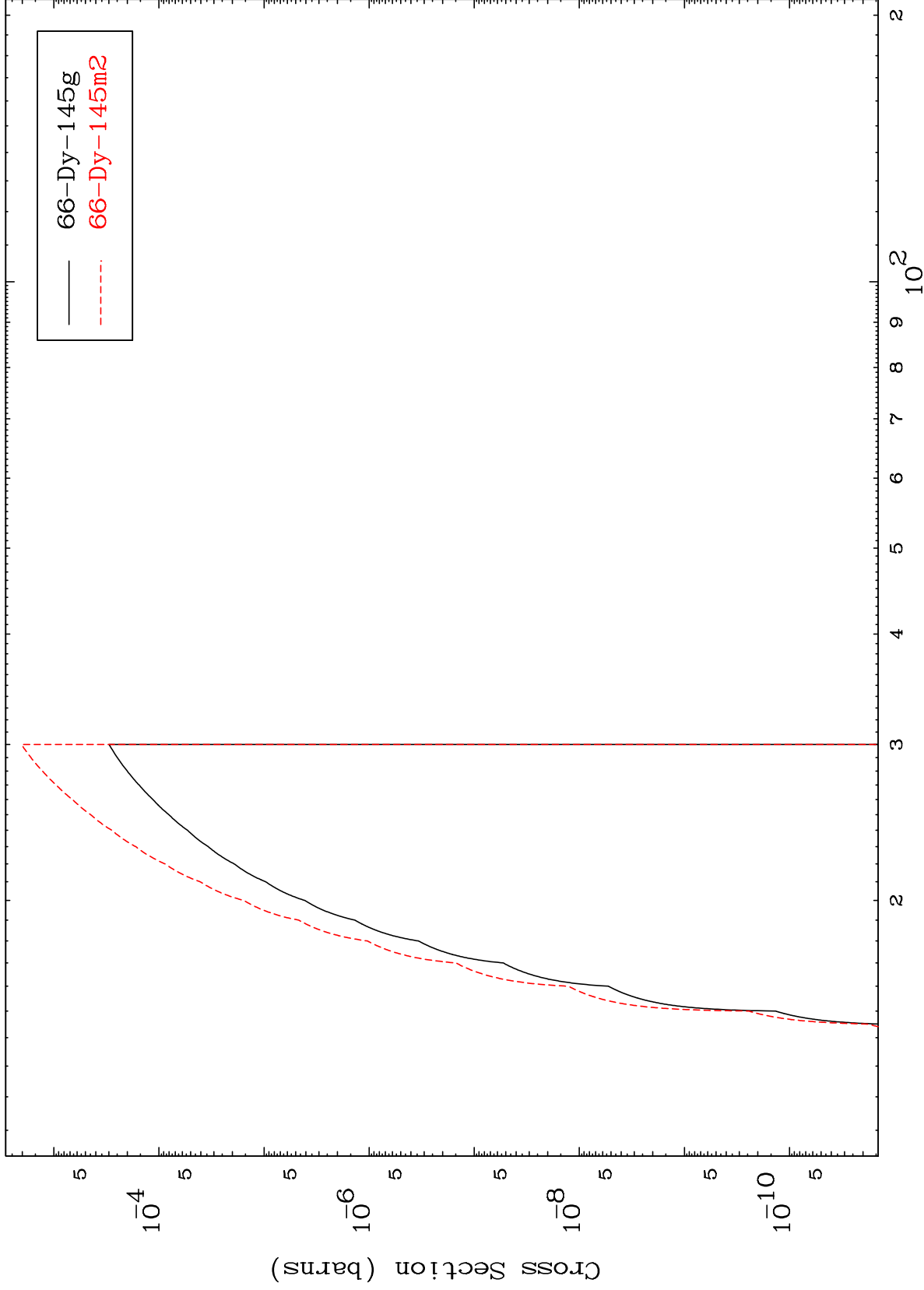
67-Ho-147

MAT 6671

(n,n') d

67-Ho-147

Radionuclide Production Cross Section



36

Incident Energy (MeV)

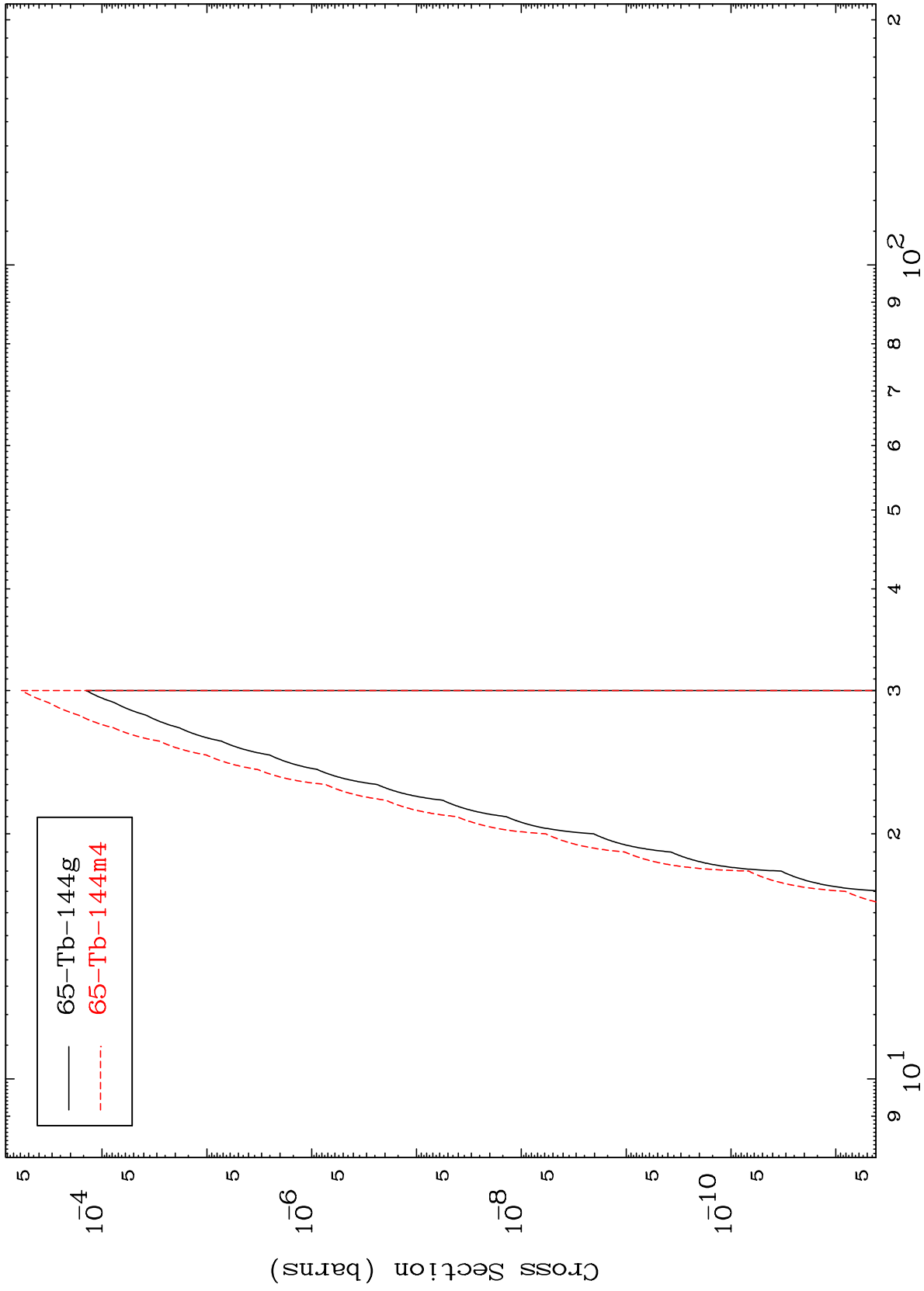
67-Ho-147

MAT 6671

(n, n') He-3

67-Ho-147

Radionuclide Production Cross Section



37

Incident Energy (MeV)

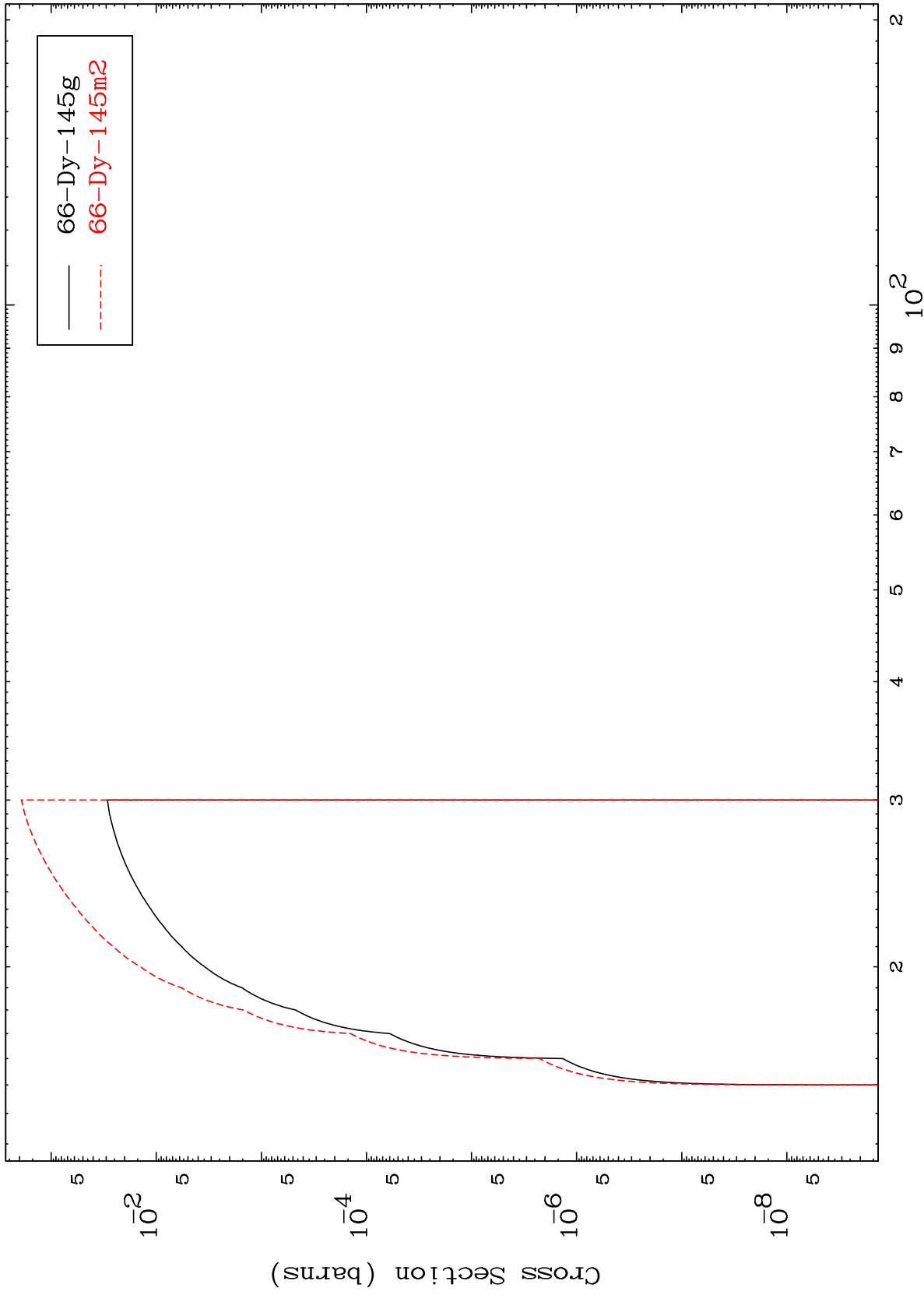
67-Ho-147

MAT 6671

(n,2n) p

67-Ho-147

Radionuclide Production Cross Section



38

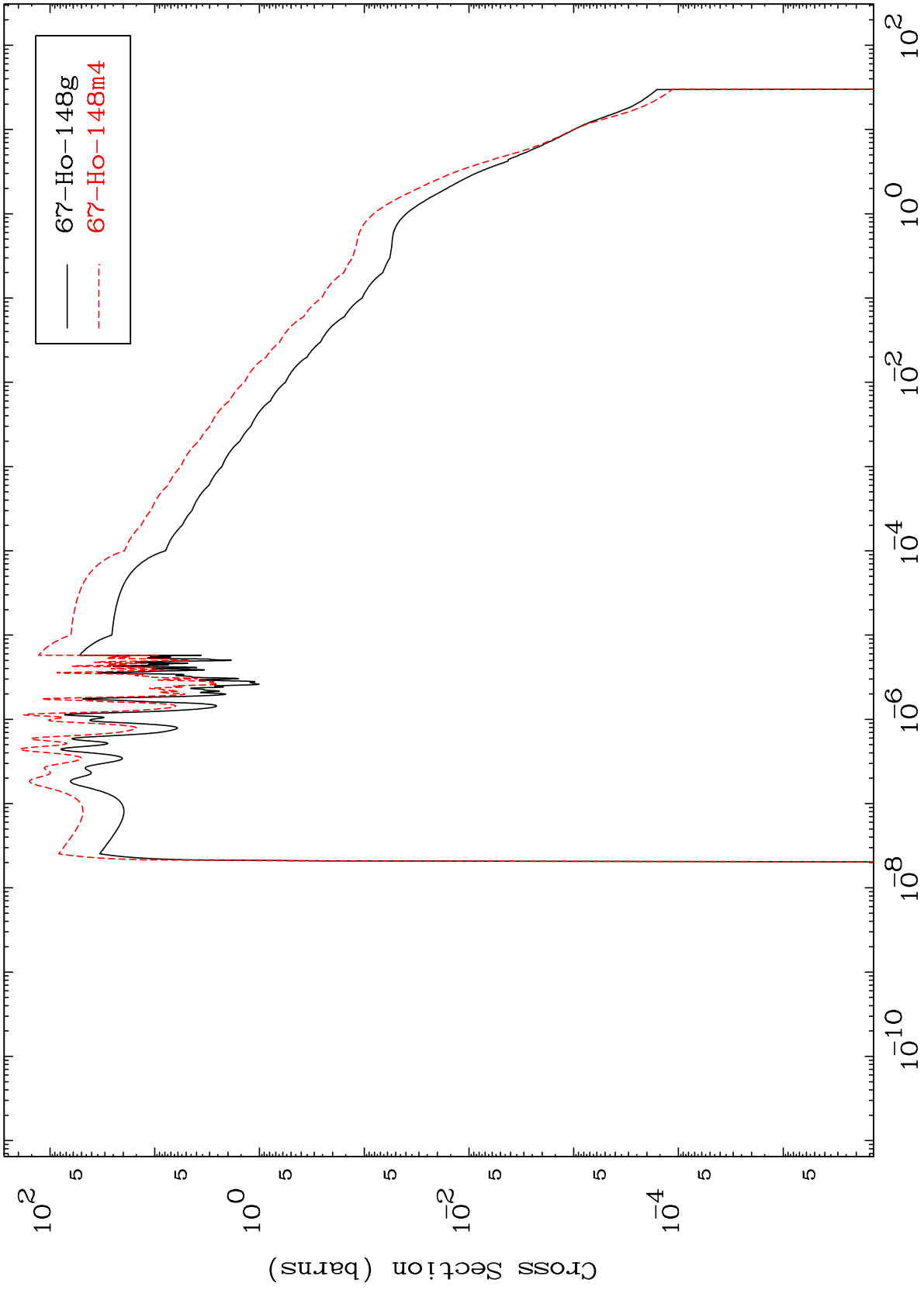
Incident Energy (MeV)

67-Ho-147

MAT 6671

67-Ho-147

(n, γ)
Radionuclide Production Cross Section



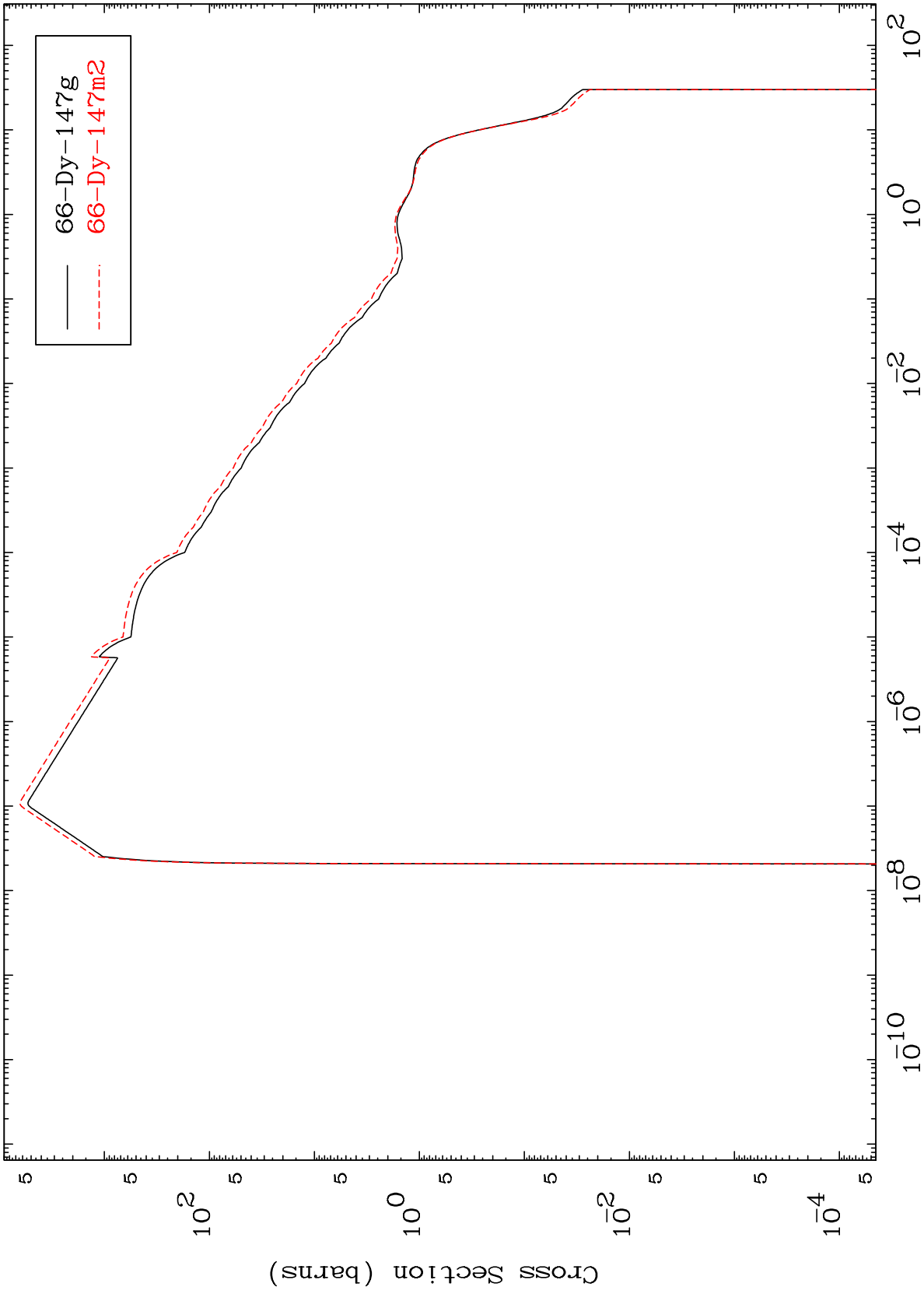
39

67-Ho-147

MAT 6671

67-Ho-147

Radionuclide Production Cross Section (n,p)



40

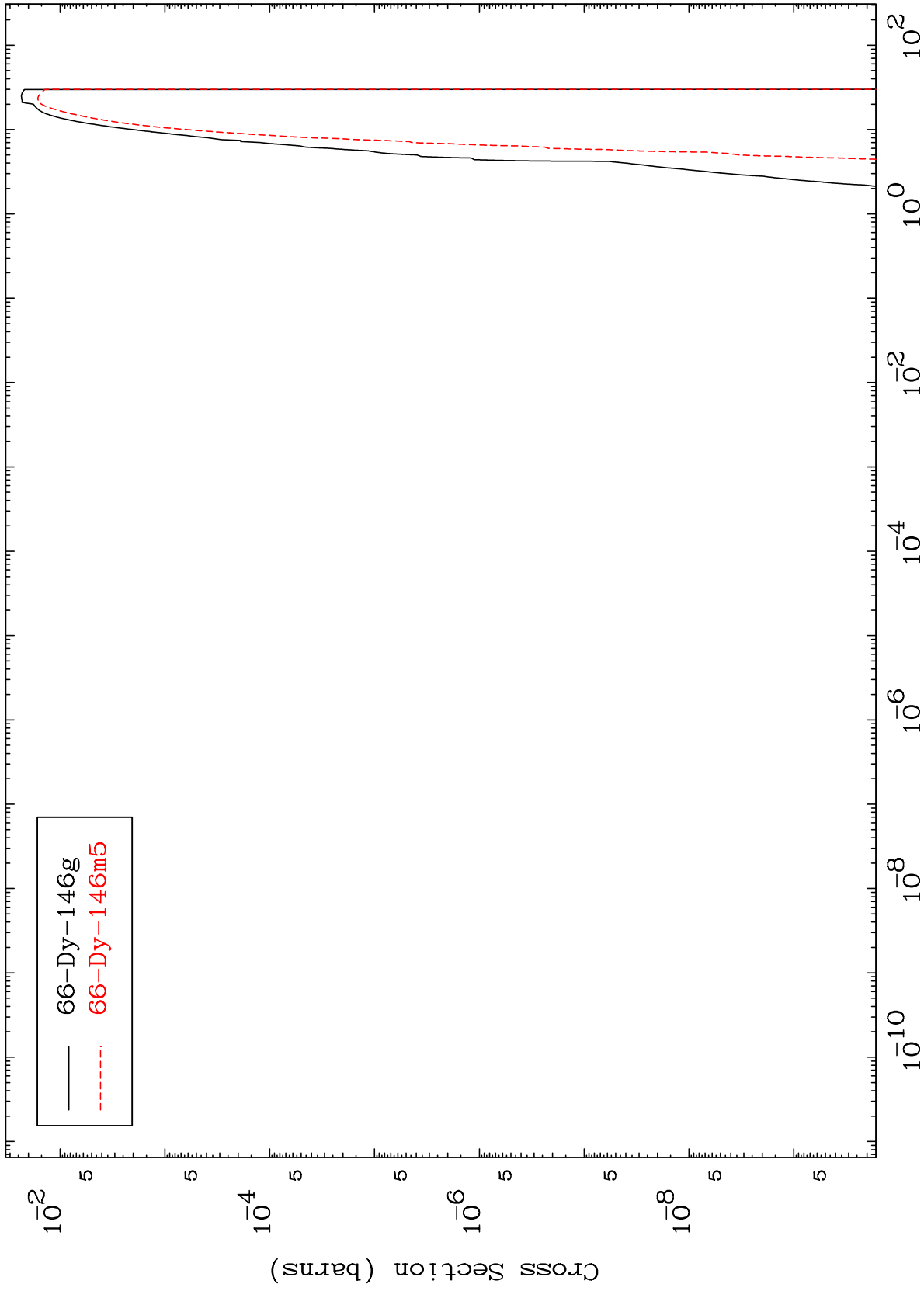
67-Ho-147

MAT 6671

(n,d)

67-Ho-147

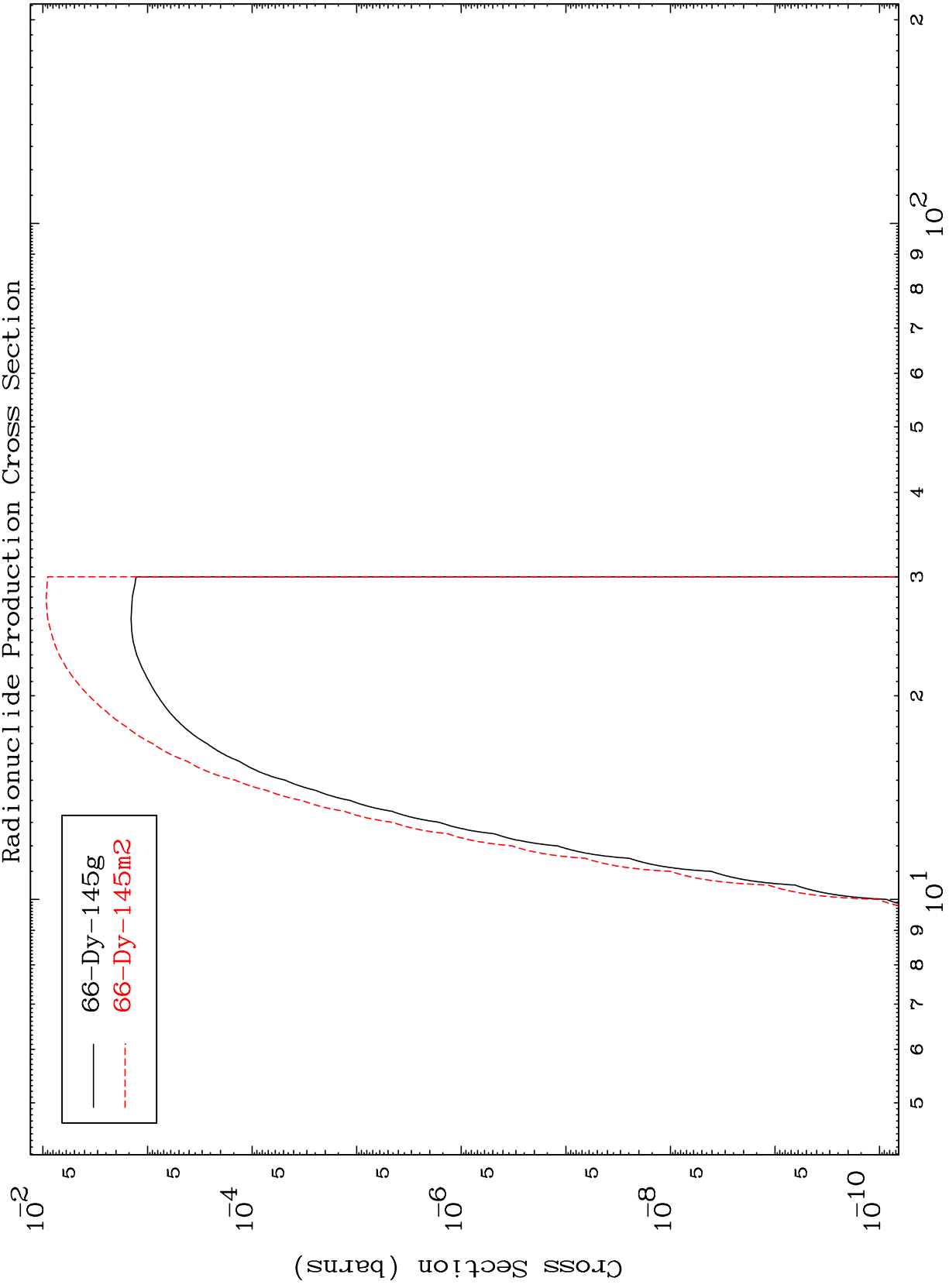
Radionuclide Production Cross Section



MAT 6671

67-Ho-147

Radionuclide Production Cross Section (n, t)



42

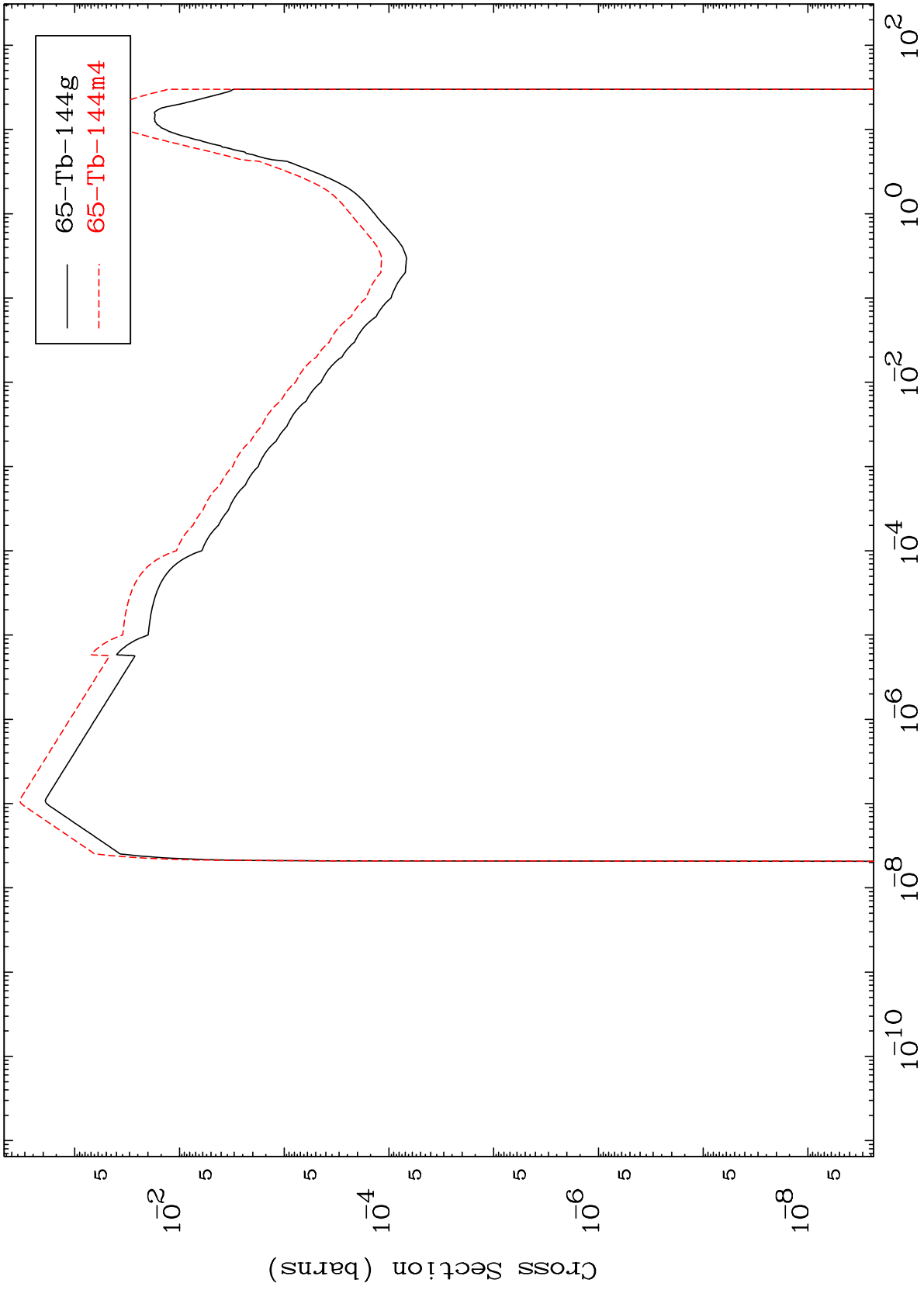
Incident Energy (MeV)

67-Ho-147

MAT 6671

67-Ho-147

(n, α)
Radionuclide Production Cross Section



43

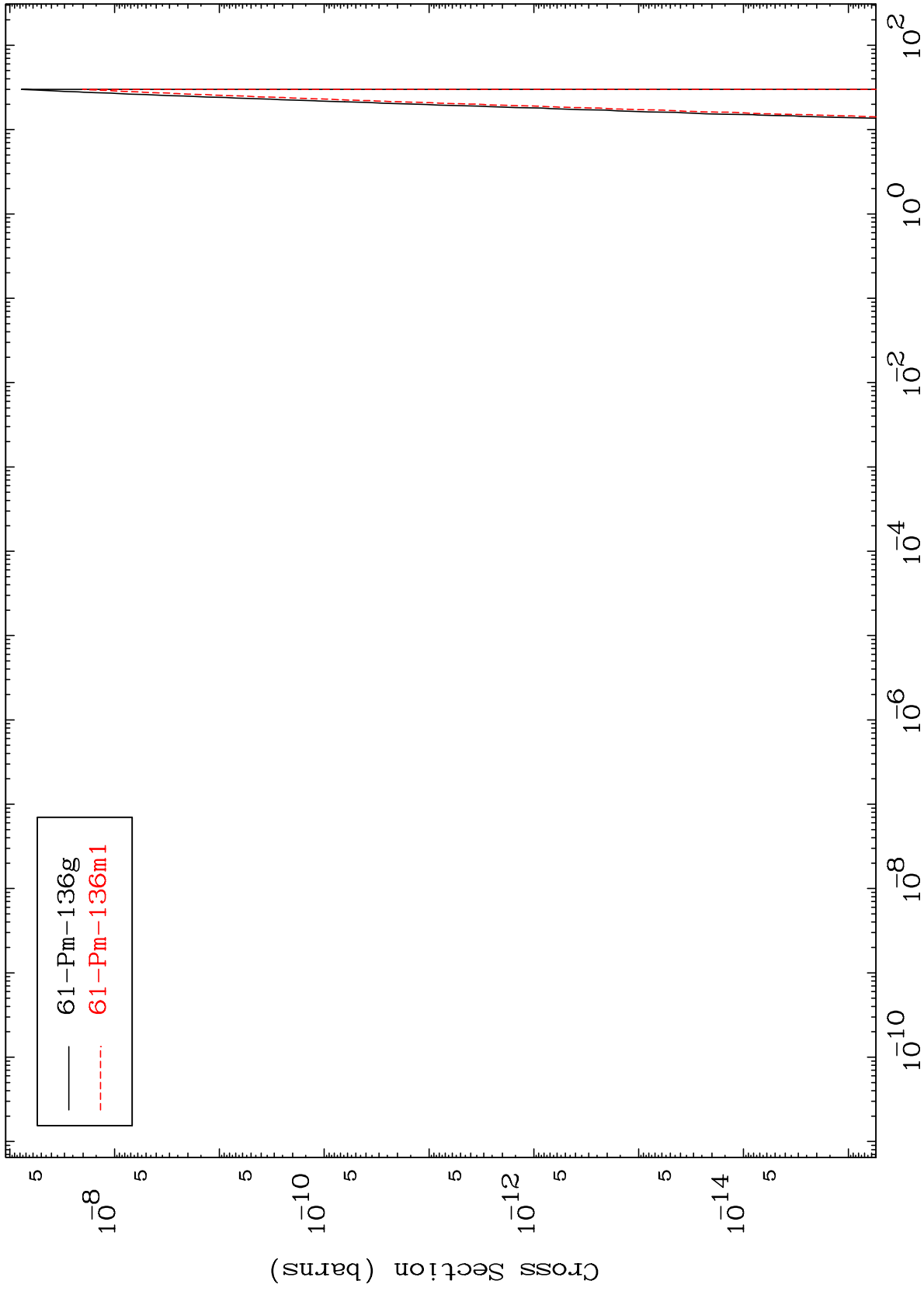
67-Ho-147

MAT 6671

(n,3α)

67-Ho-147

Radionuclide Production Cross Section



44

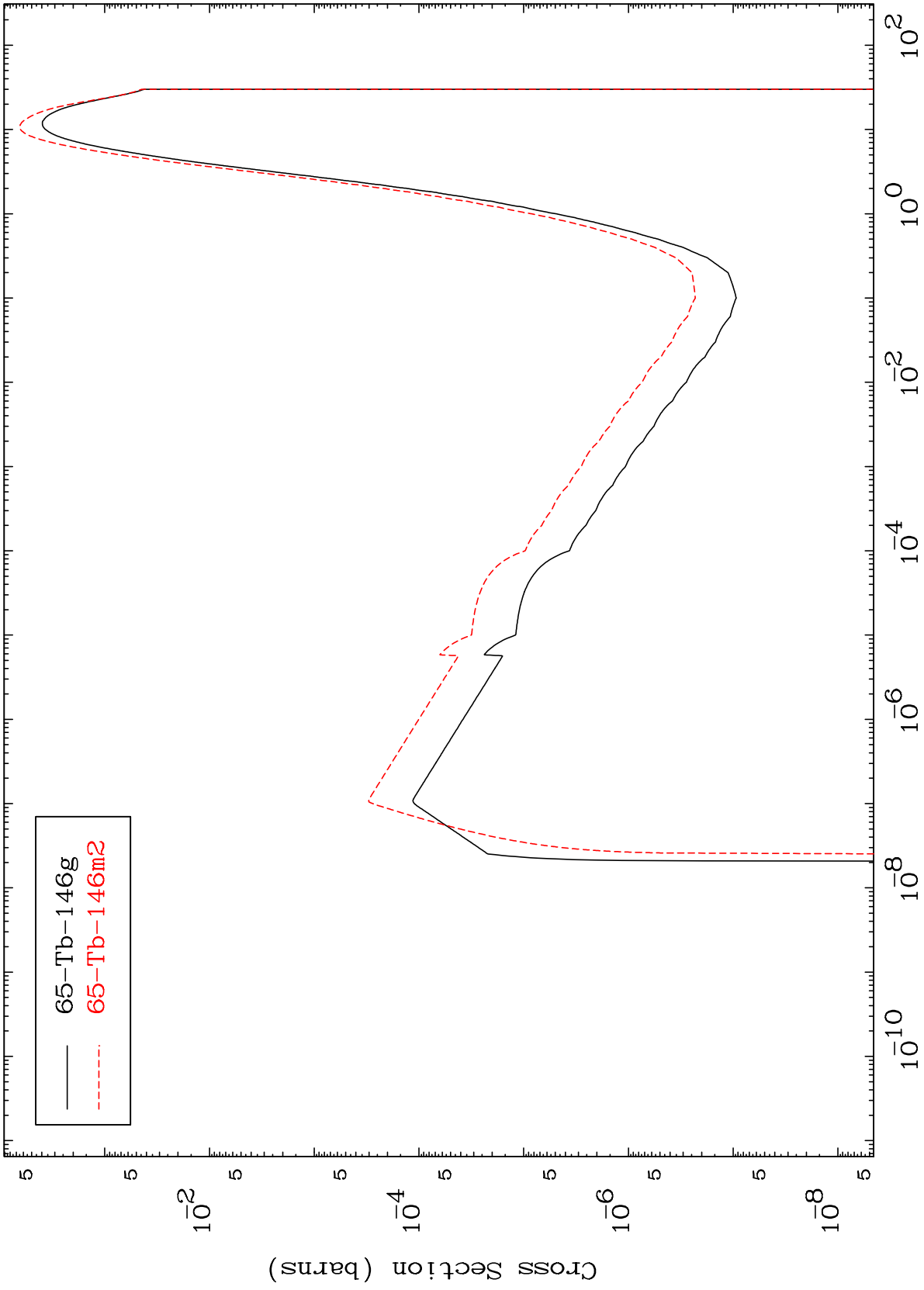
Incident Energy (MeV)

67-Ho-147

MAT 6671

Radionuclide Production Cross Section
(n,2p)

67-Ho-147



45

Incident Energy (MeV)

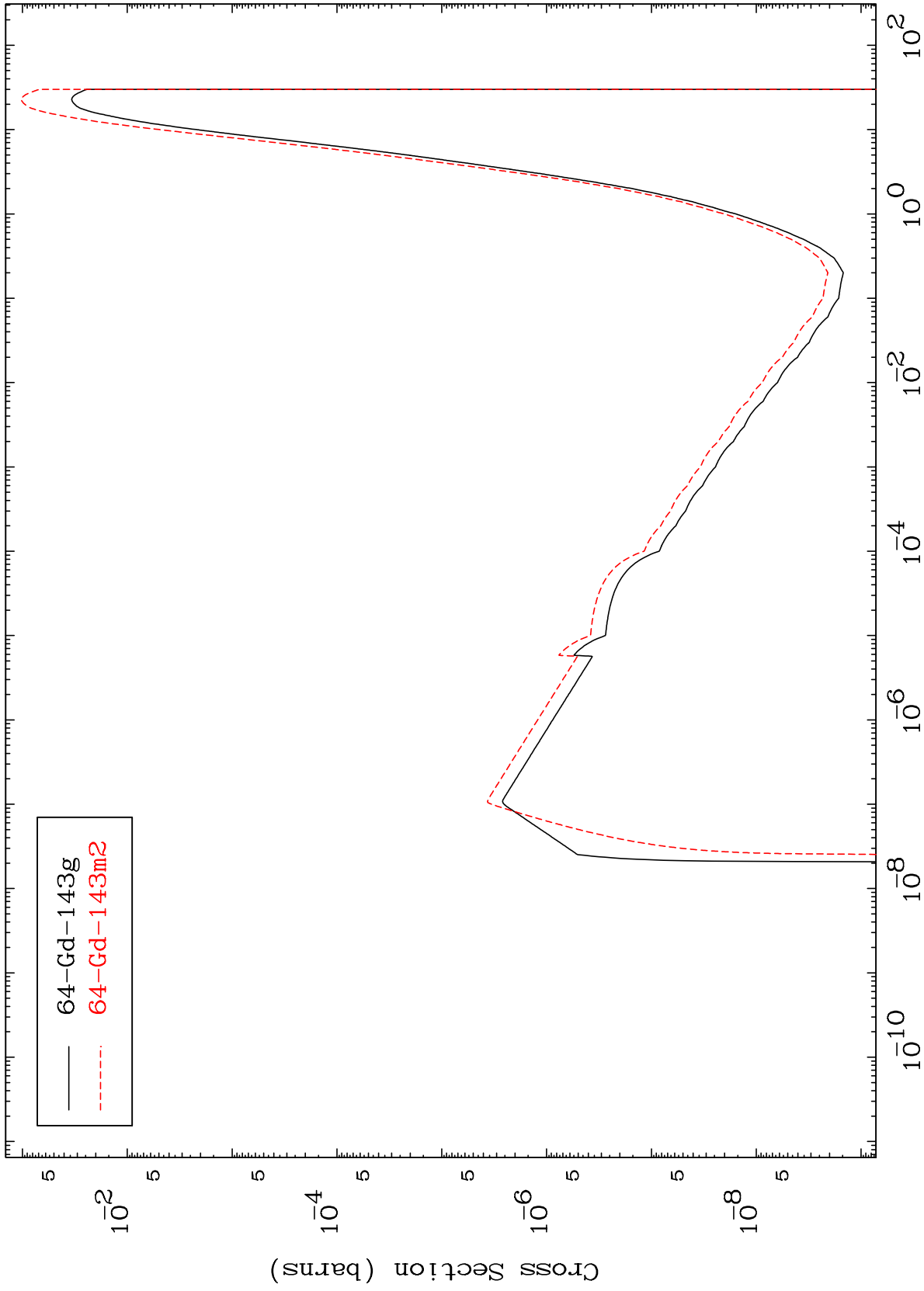
67-Ho-147

MAT 6671

(n,p) α

67-Ho-147

Radionuclide Production Cross Section



46

Incident Energy (MeV)

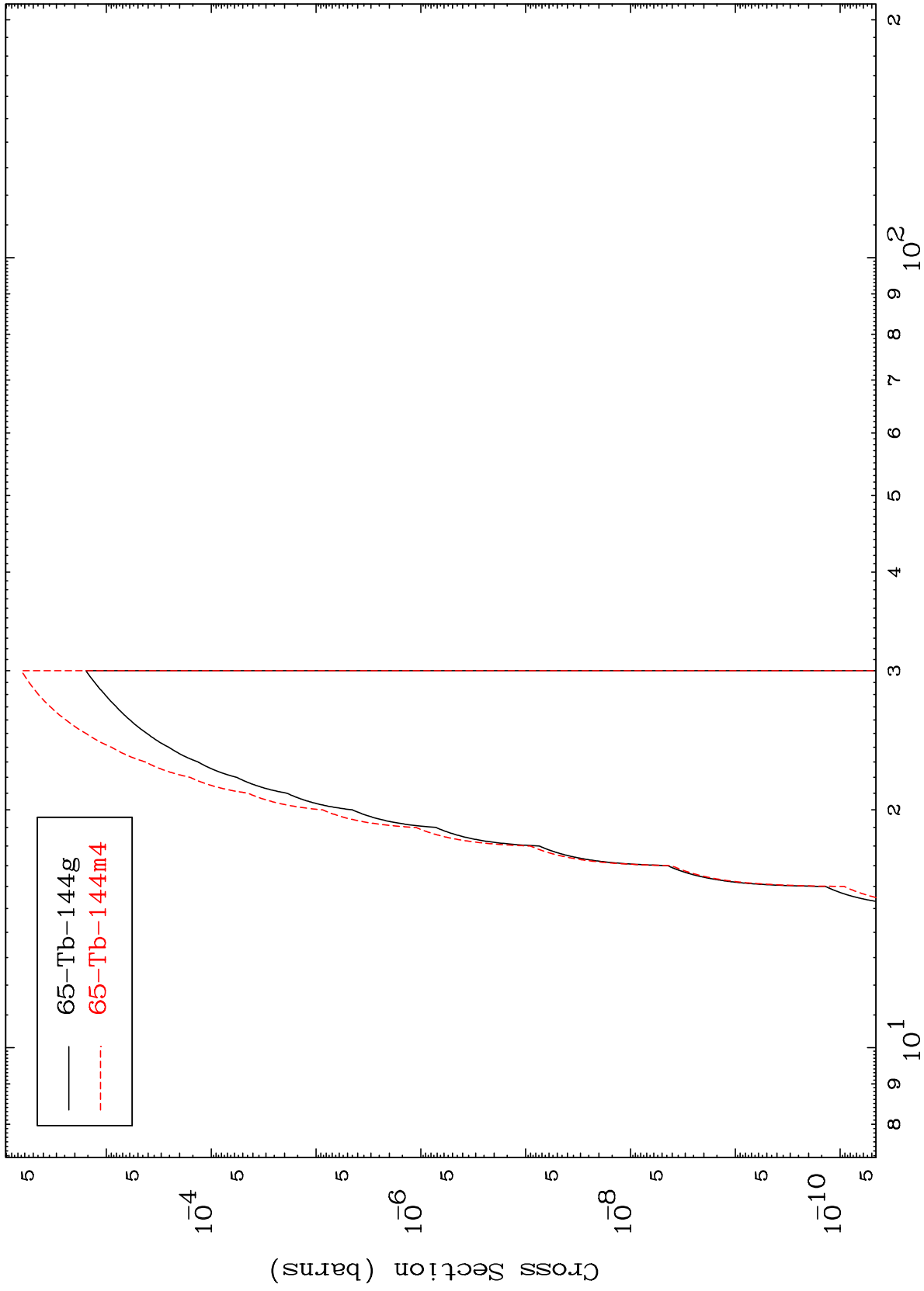
67-Ho-147

MAT 6671

(n,p) t

67-Ho-147

Radionuclide Production Cross Section



47

Incident Energy (MeV)

67-Ho-147