

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

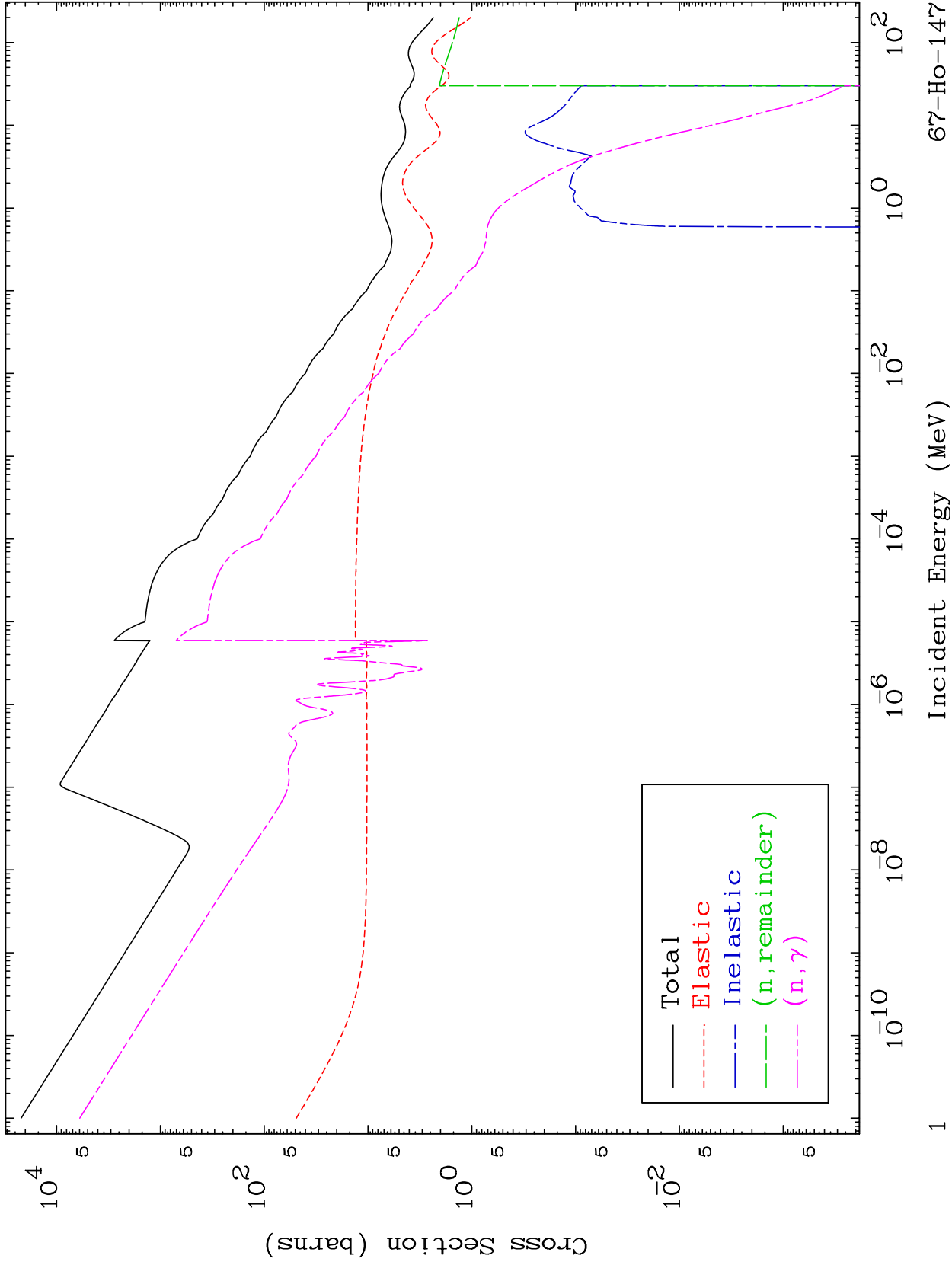
Press Mouse Button to Start

MAT 6671

Major

293 Kelvin Cross Sections

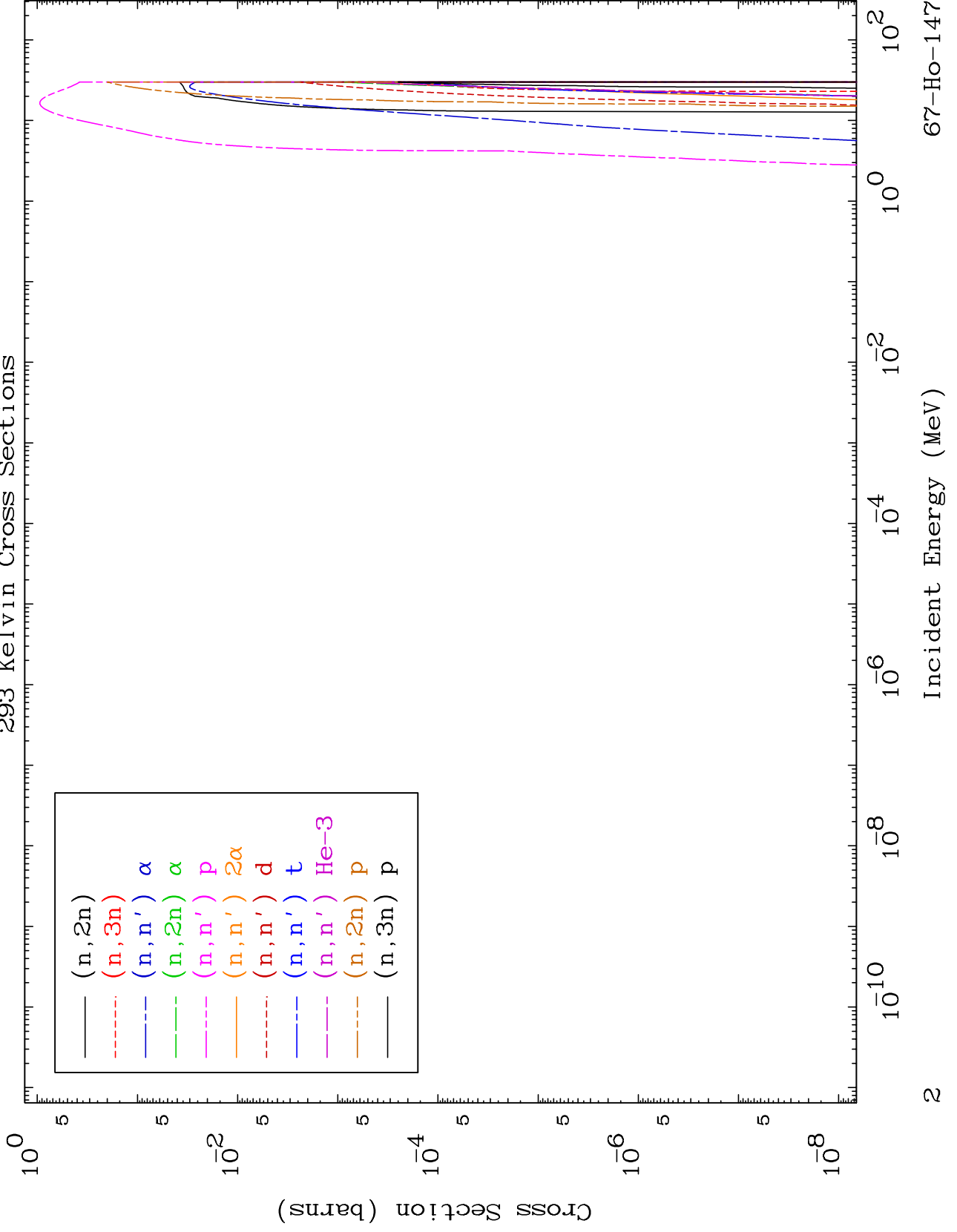
67-Ho-147



MAT 6671

Neutron Production
293 Kelvin Cross Sections

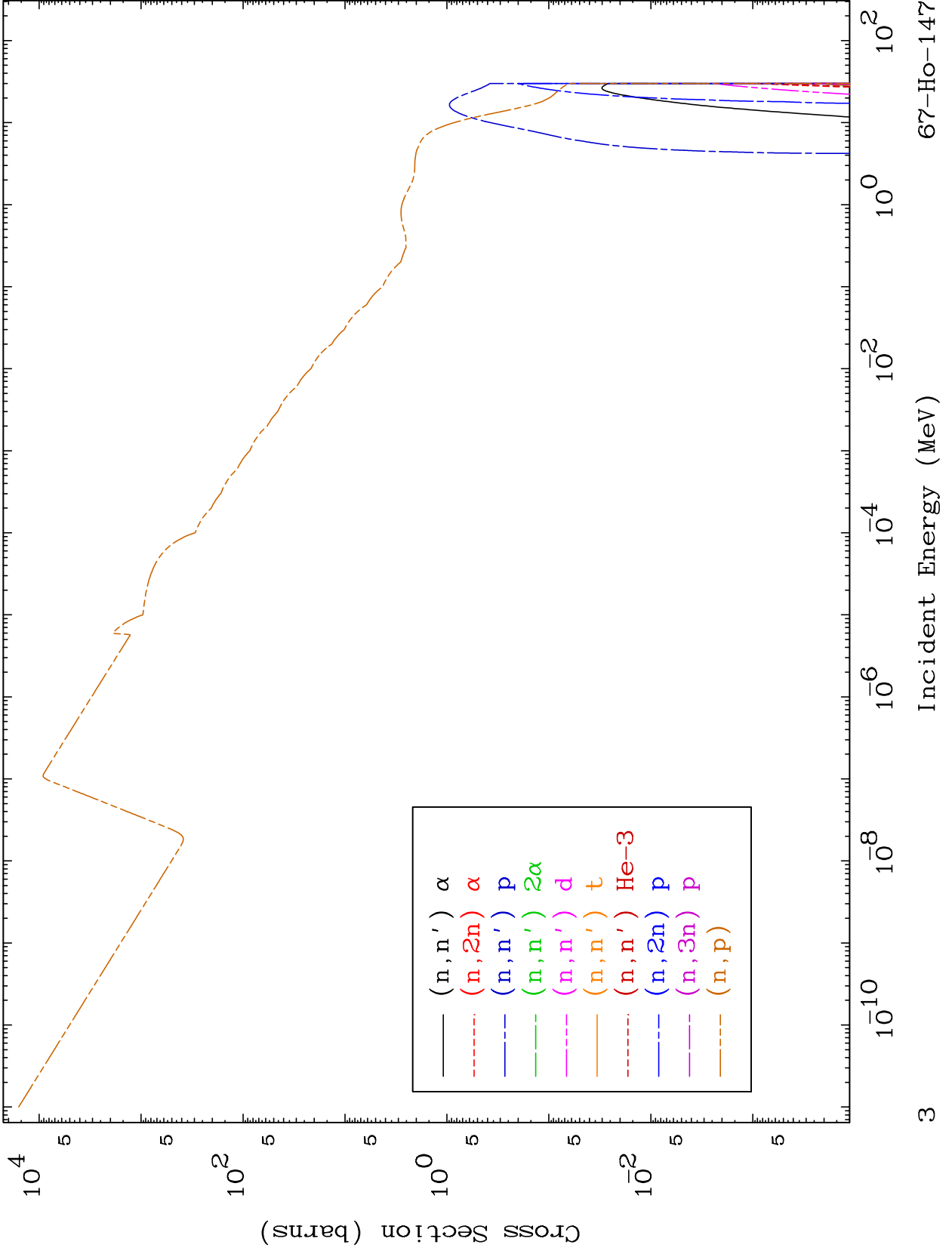
67-Ho-147



MAT 6671

Charged Particle
293 Kelvin Cross Sections

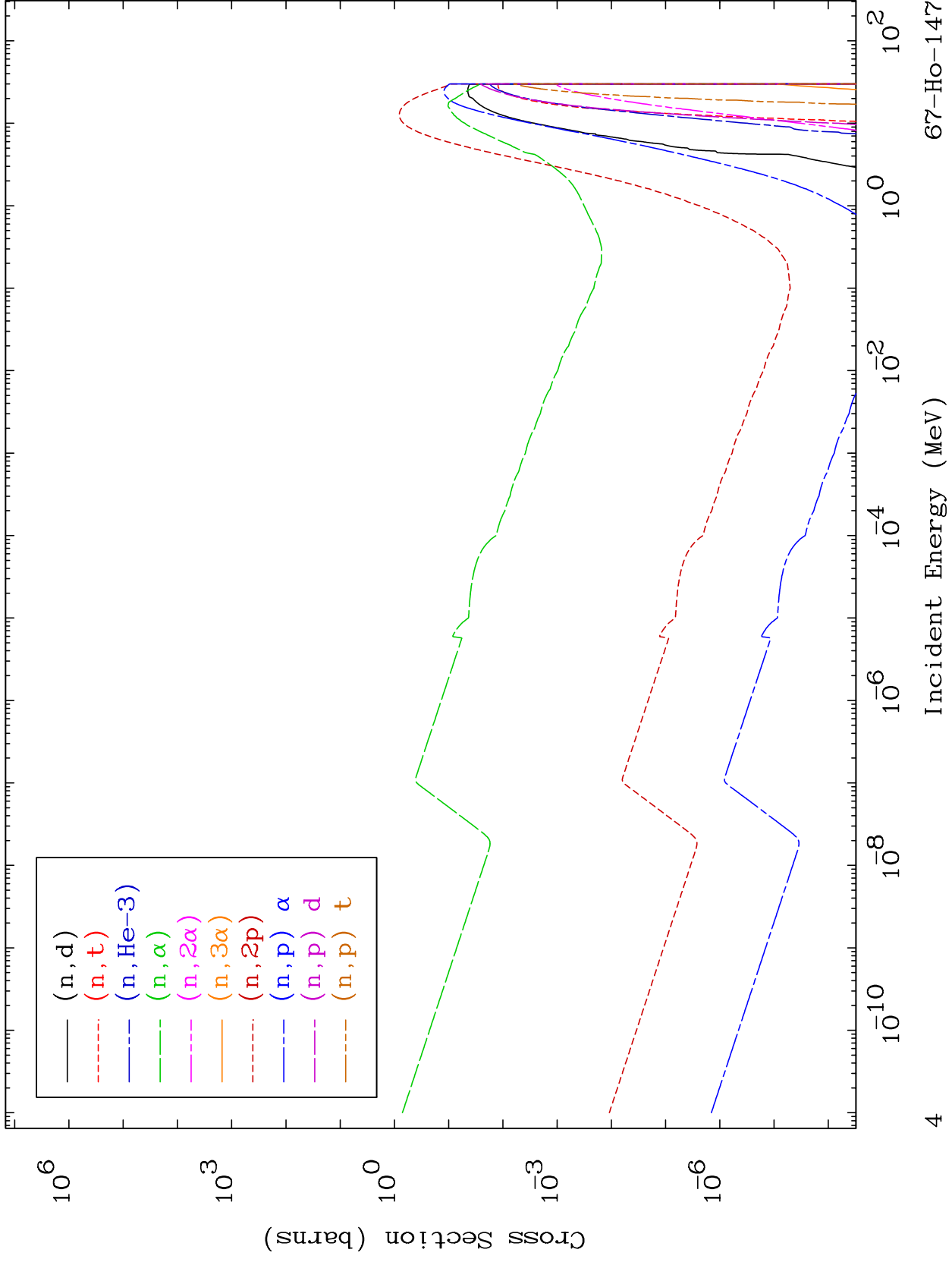
67-Ho-147



MAT 6671

Charged Particle
293 Kelvin Cross Sections

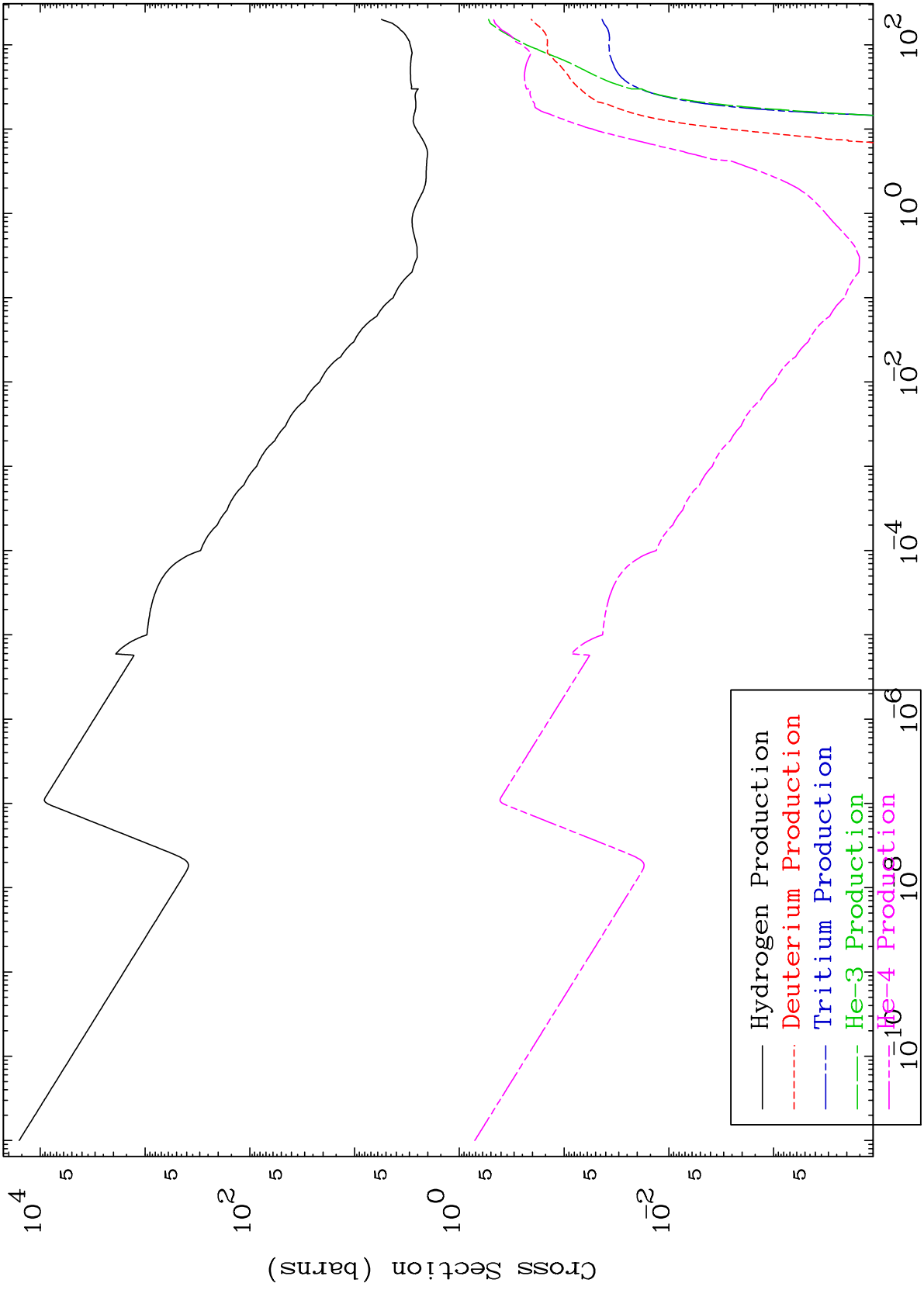
67-Ho-147



MAT 6671

Particle Production
293 Kelvin Cross Sections

67-Ho-147

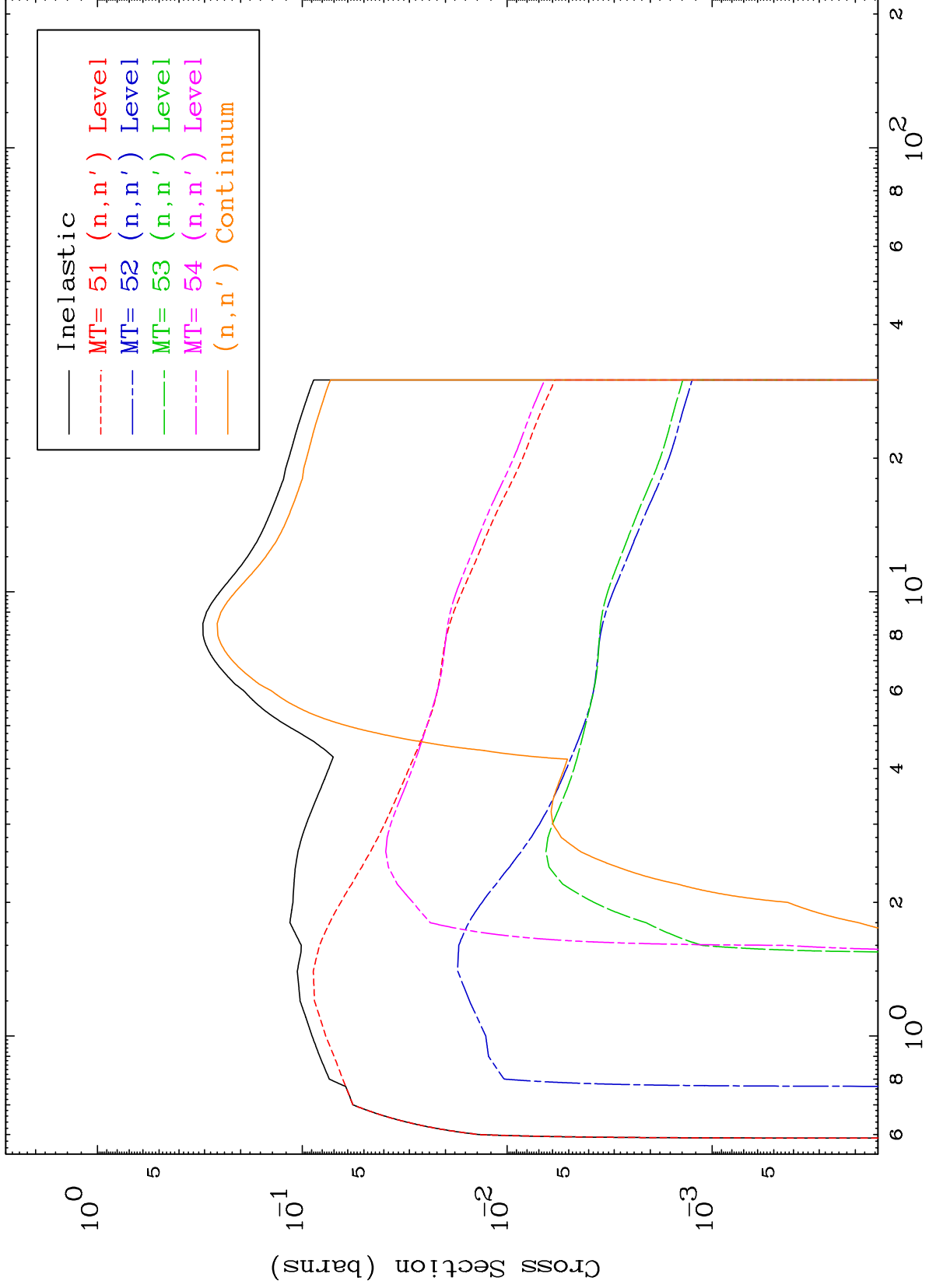


5

Incident Energy (MeV)

67-Ho-147

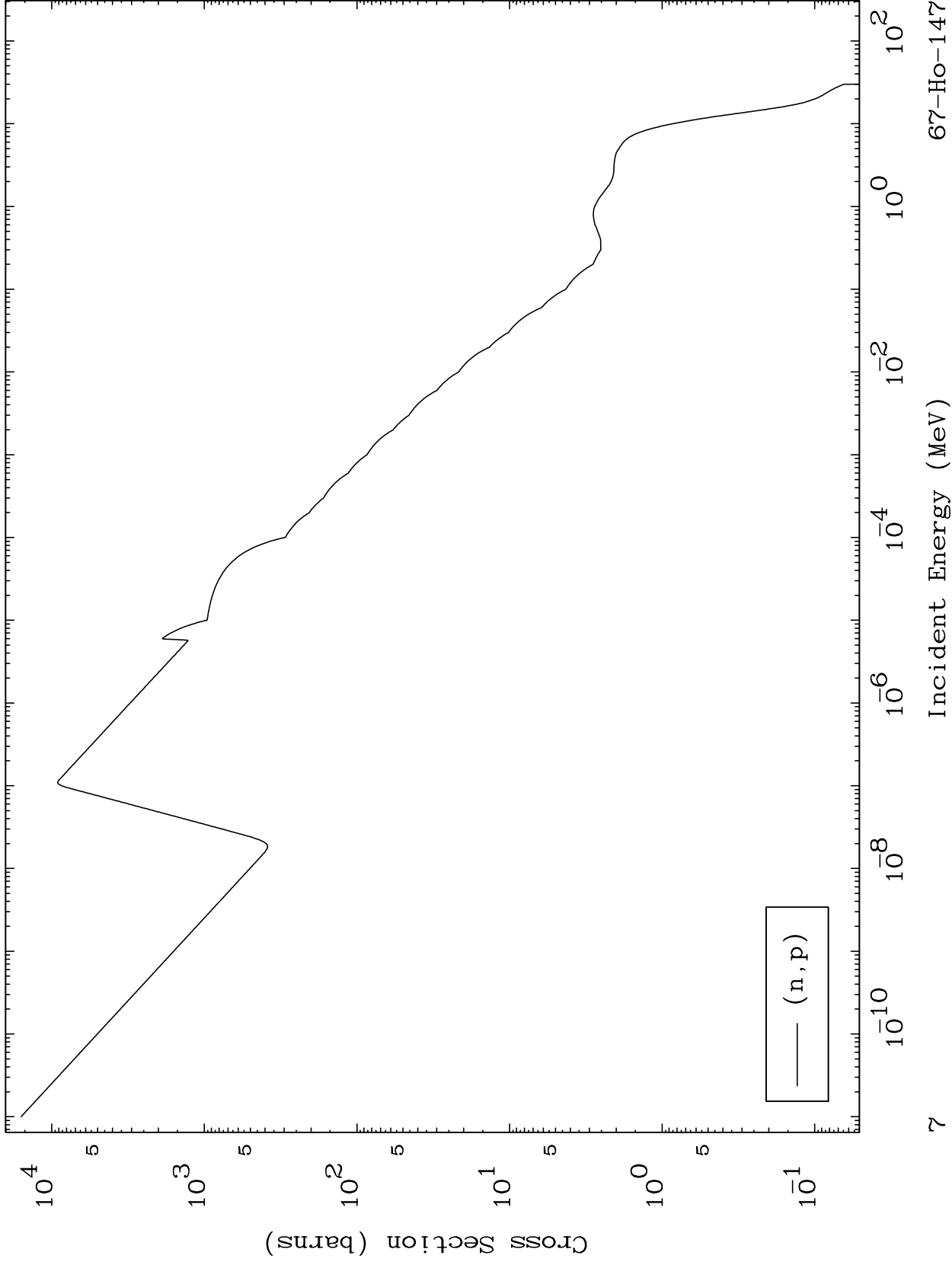
293 Kelvin Cross Sections



MAT 6671

(n,p) Levels
293 Kelvin Cross Sections

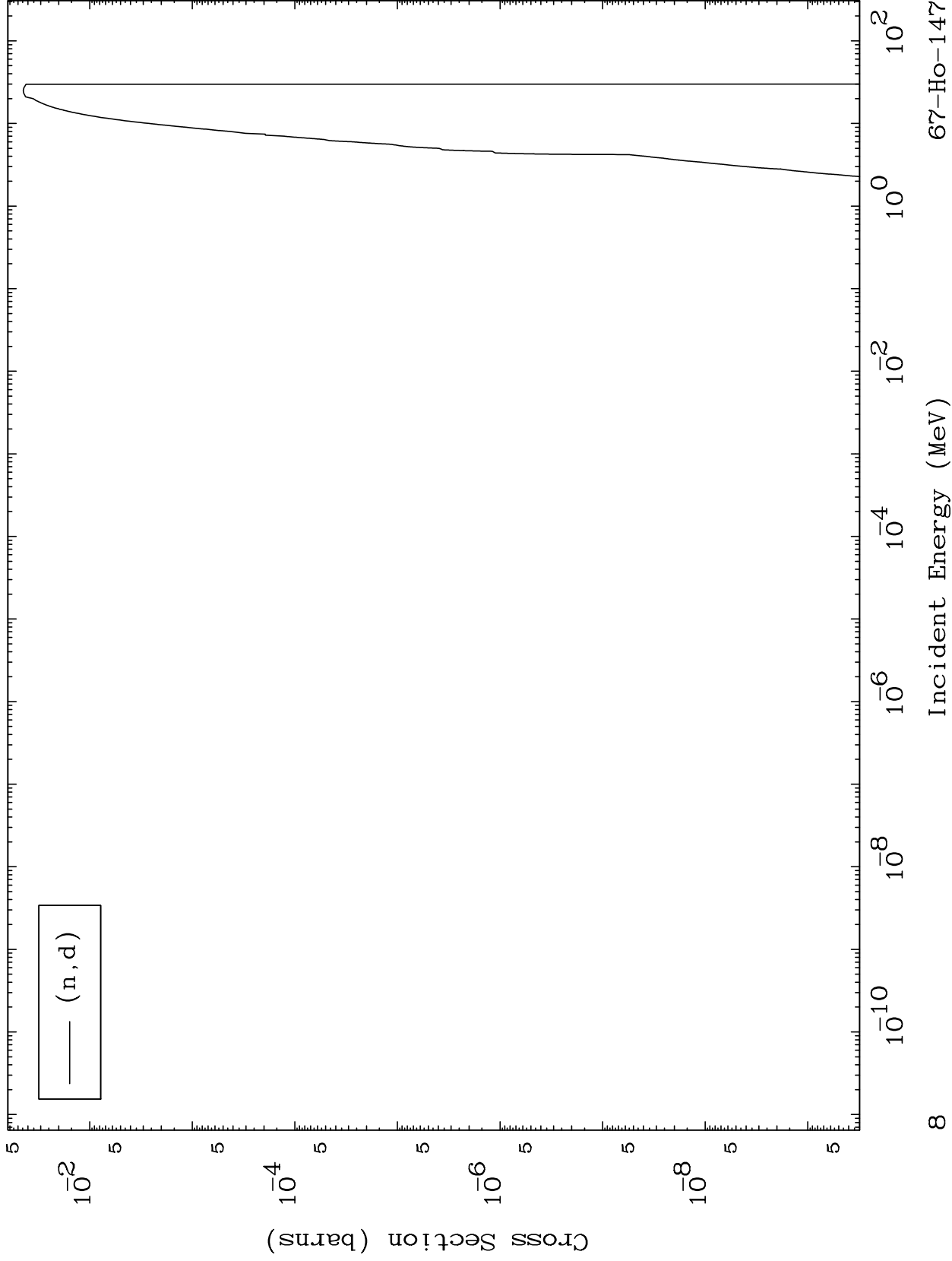
67-Ho-147



MAT 6671

(n,d) Levels
293 Kelvin Cross Sections

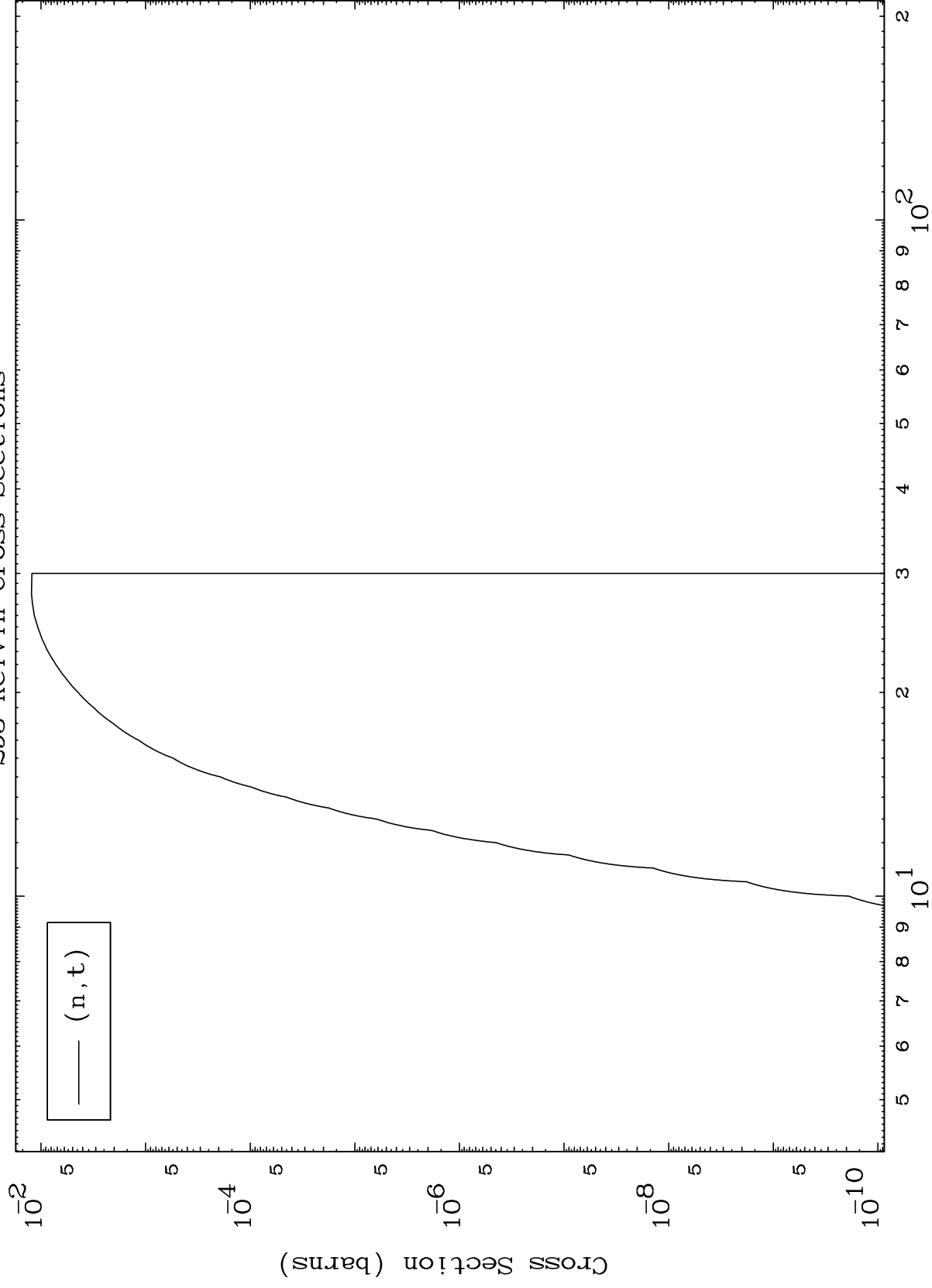
67-Ho-147



MAT 6671

67-Ho-147

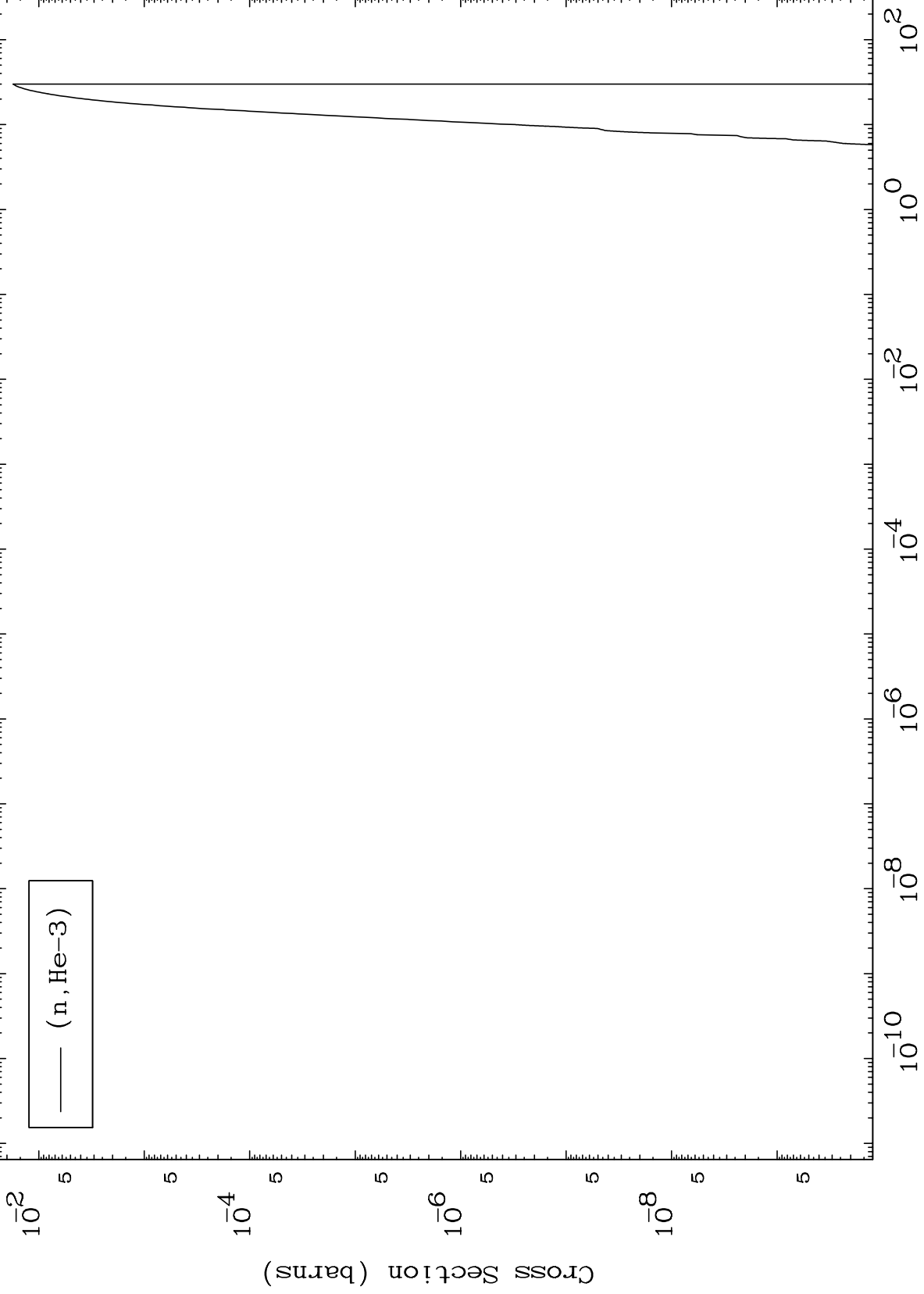
(n,t) Levels
293 Kelvin Cross Sections



MAT 6671

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-147



10

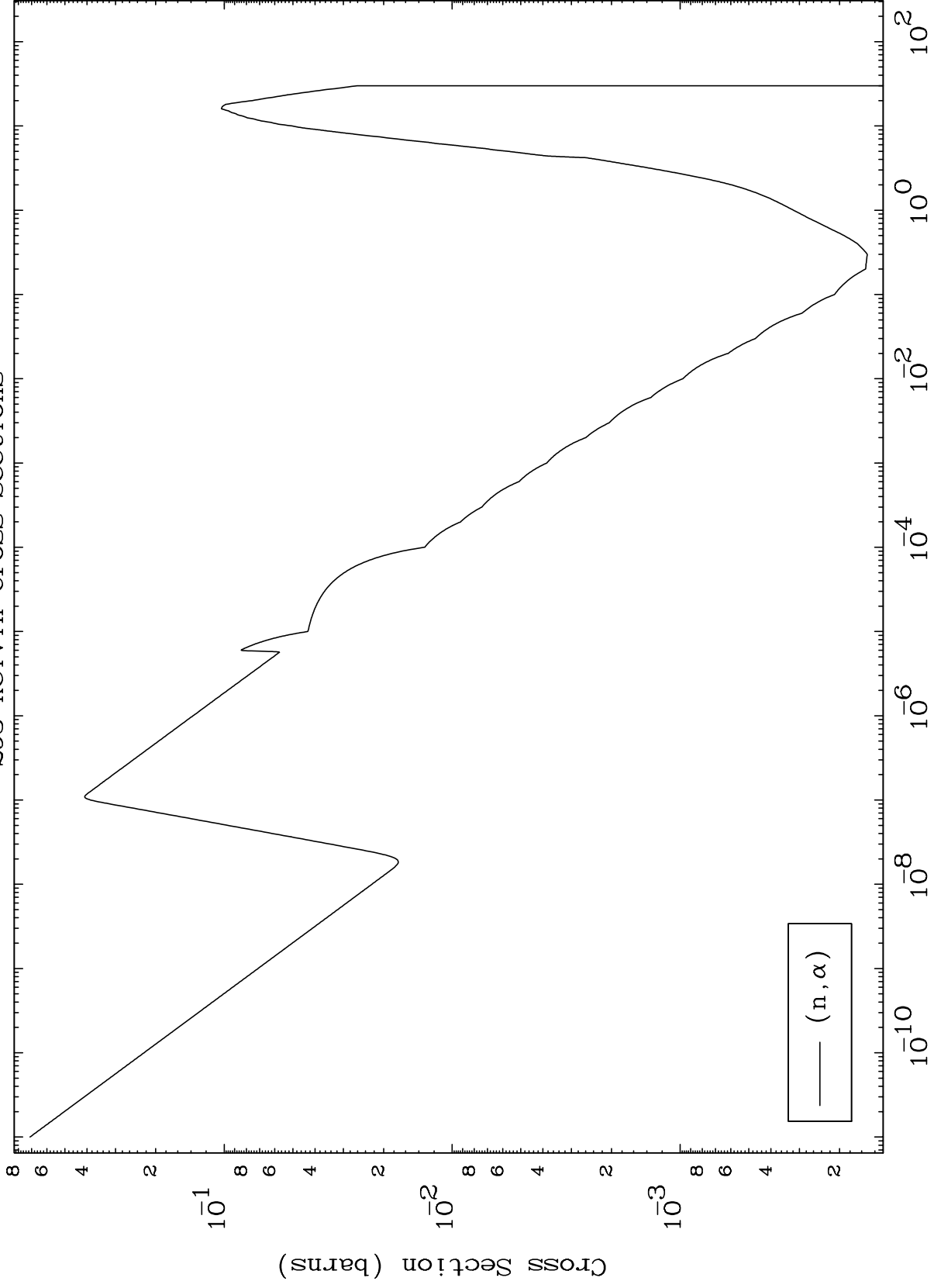
Incident Energy (MeV)

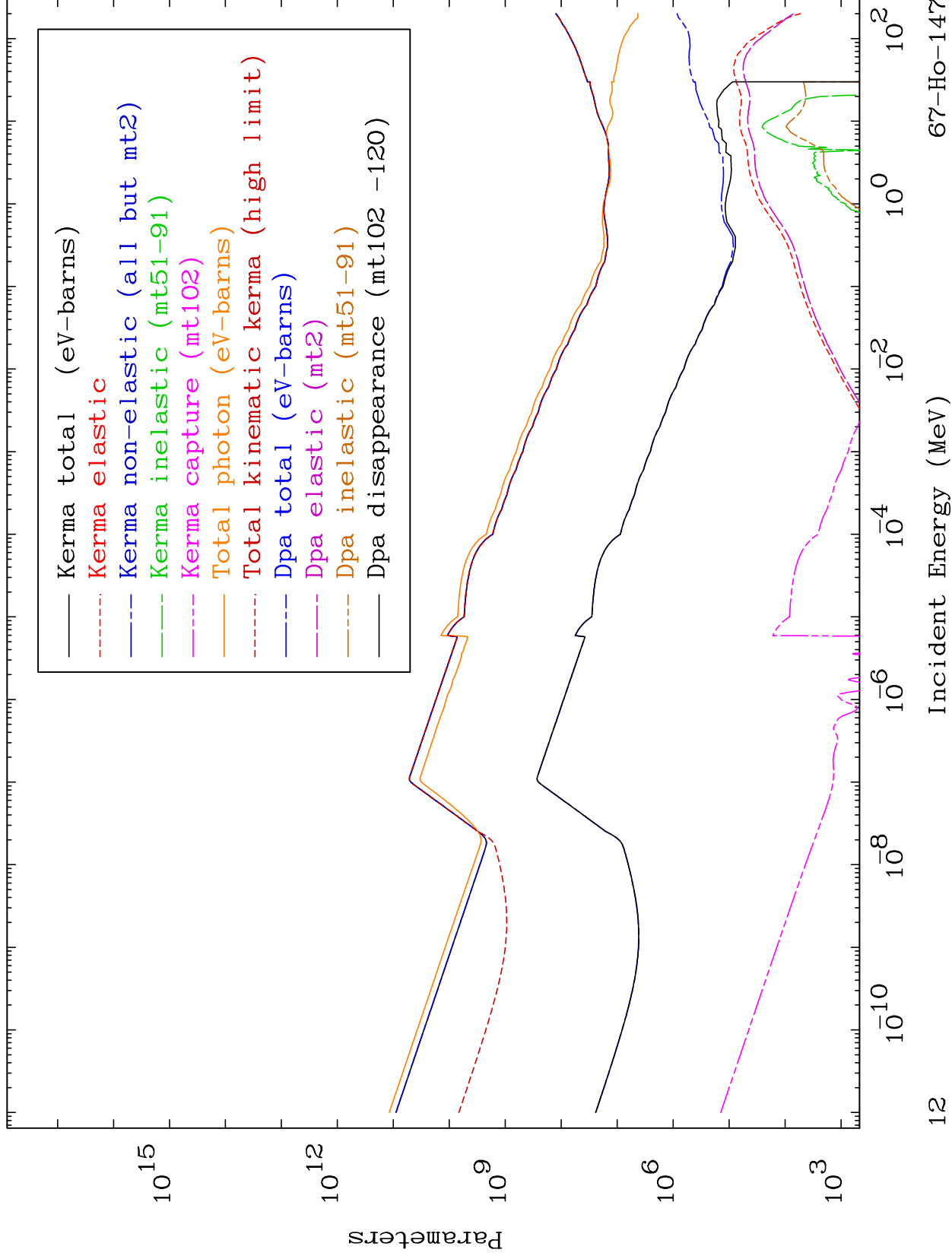
67-Ho-147

MAT 6671

(n,α) Levels
293 Kelvin Cross Sections

67-Ho-147

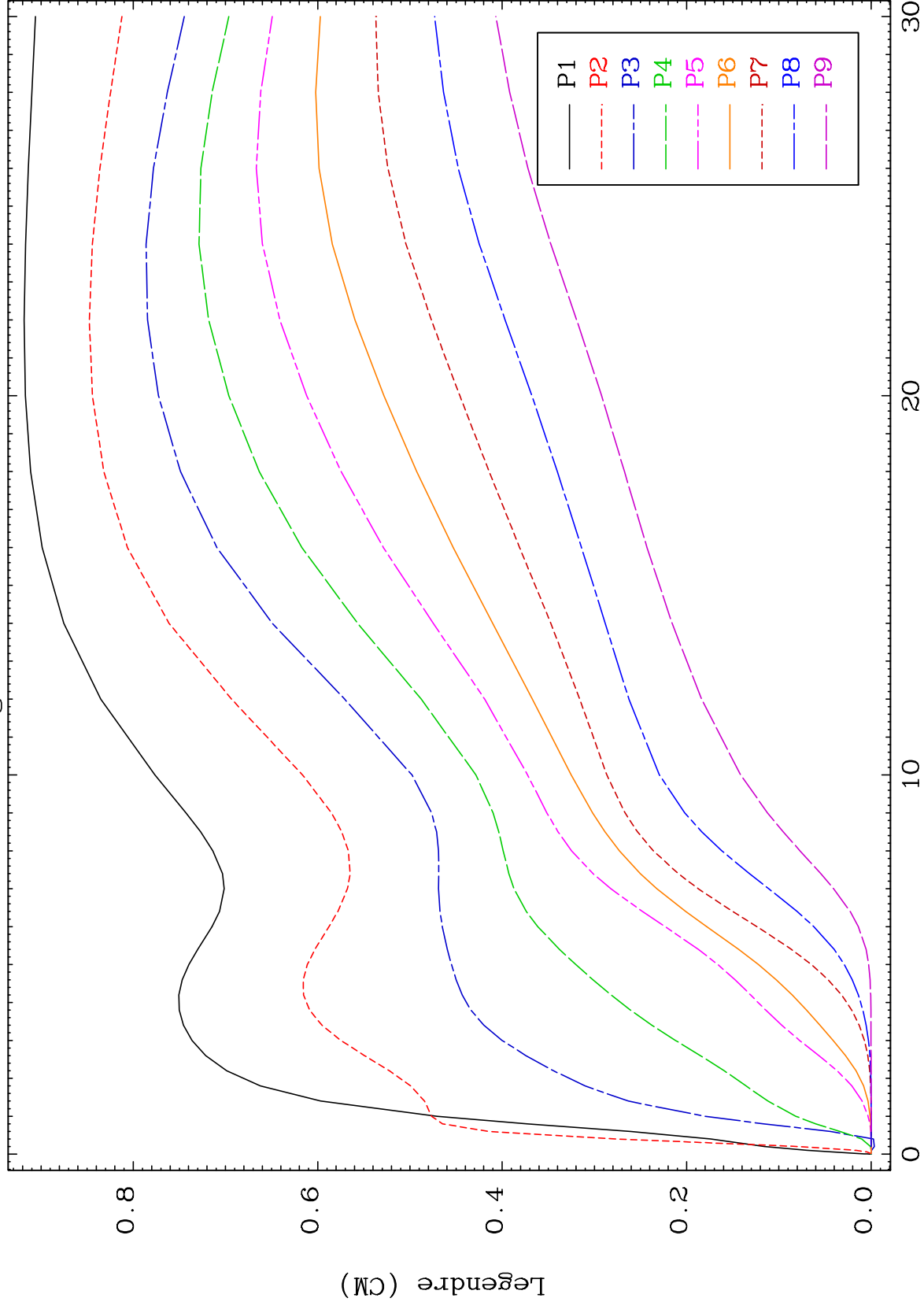




MAT 6671

Elastic Legendre Coefficients

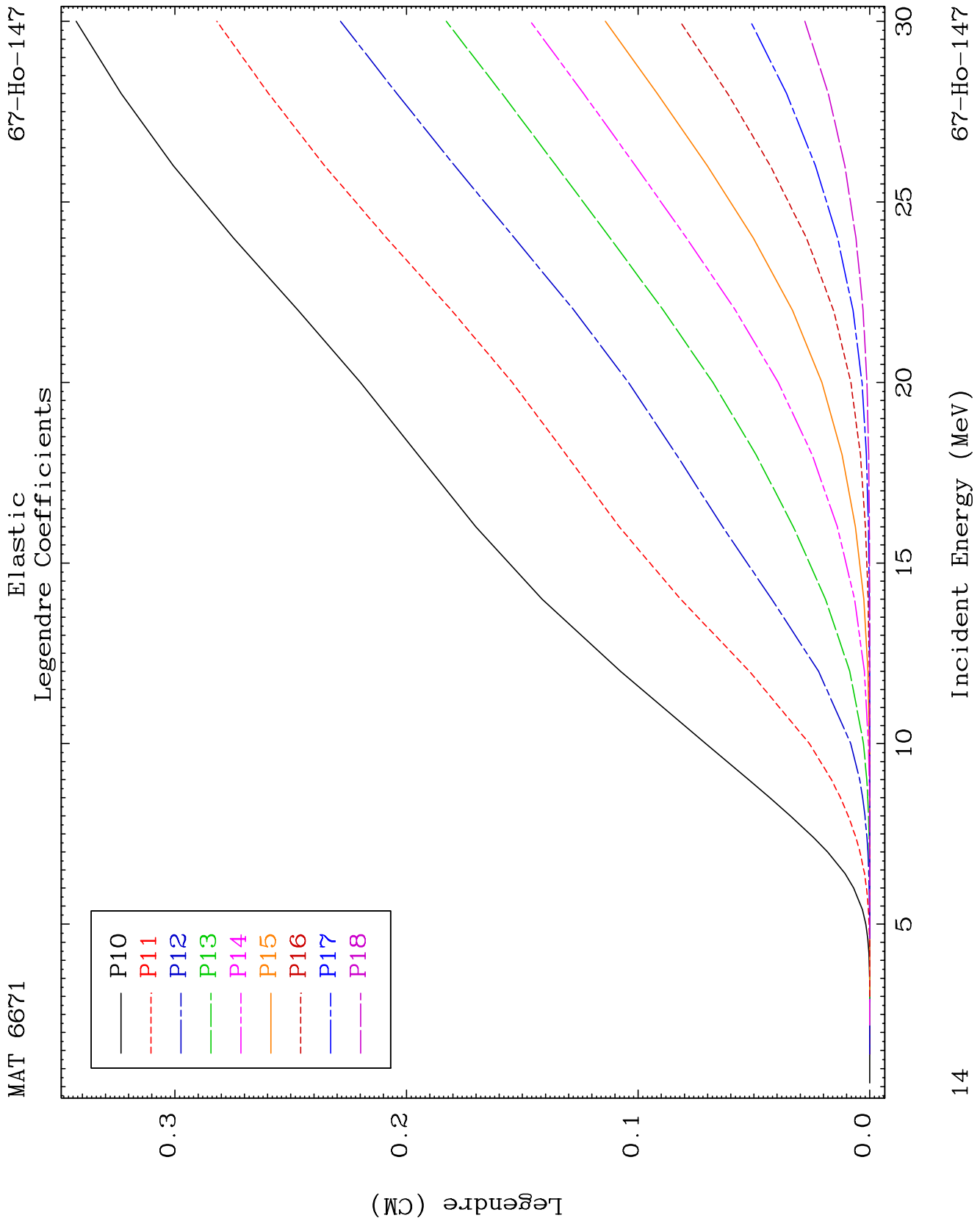
67-Ho-147



13

Incident Energy (MeV)

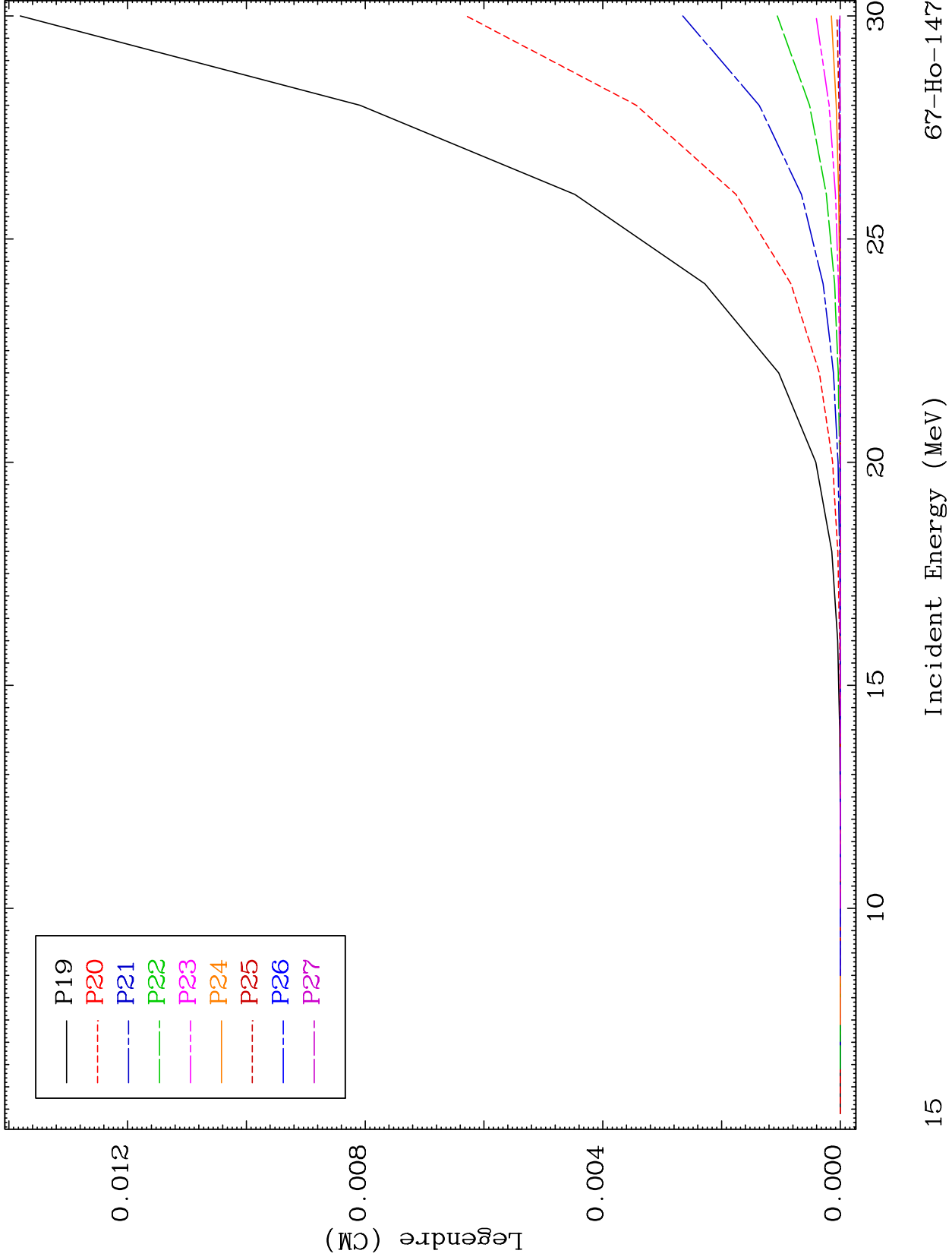
67-Ho-147



MAT 6671

Elastic Legendre Coefficients

67-Ho-147



15

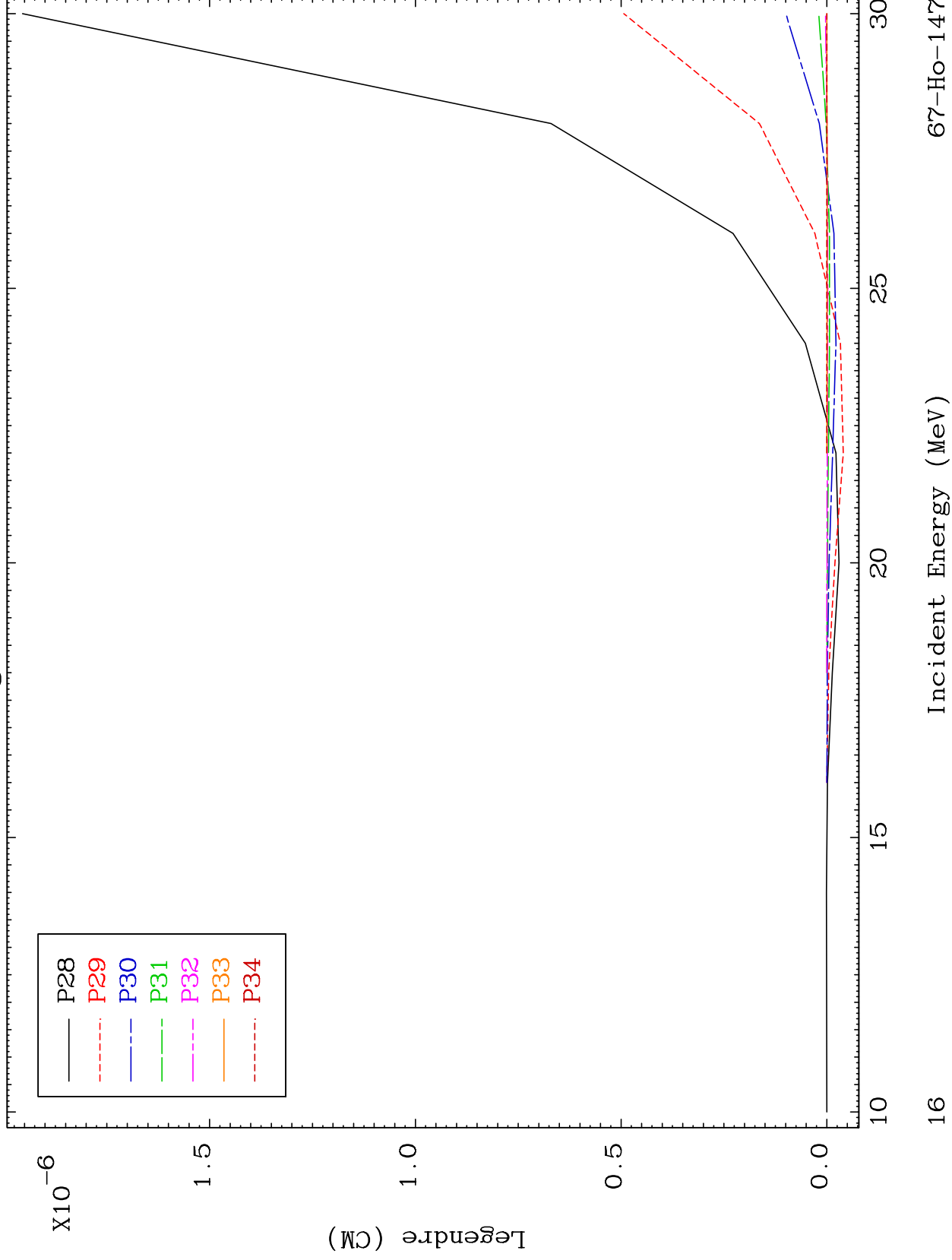
Incident Energy (MeV)

67-Ho-147

MAT 6671

Elastic Legendre Coefficients

67-Ho-147



67-Ho-147

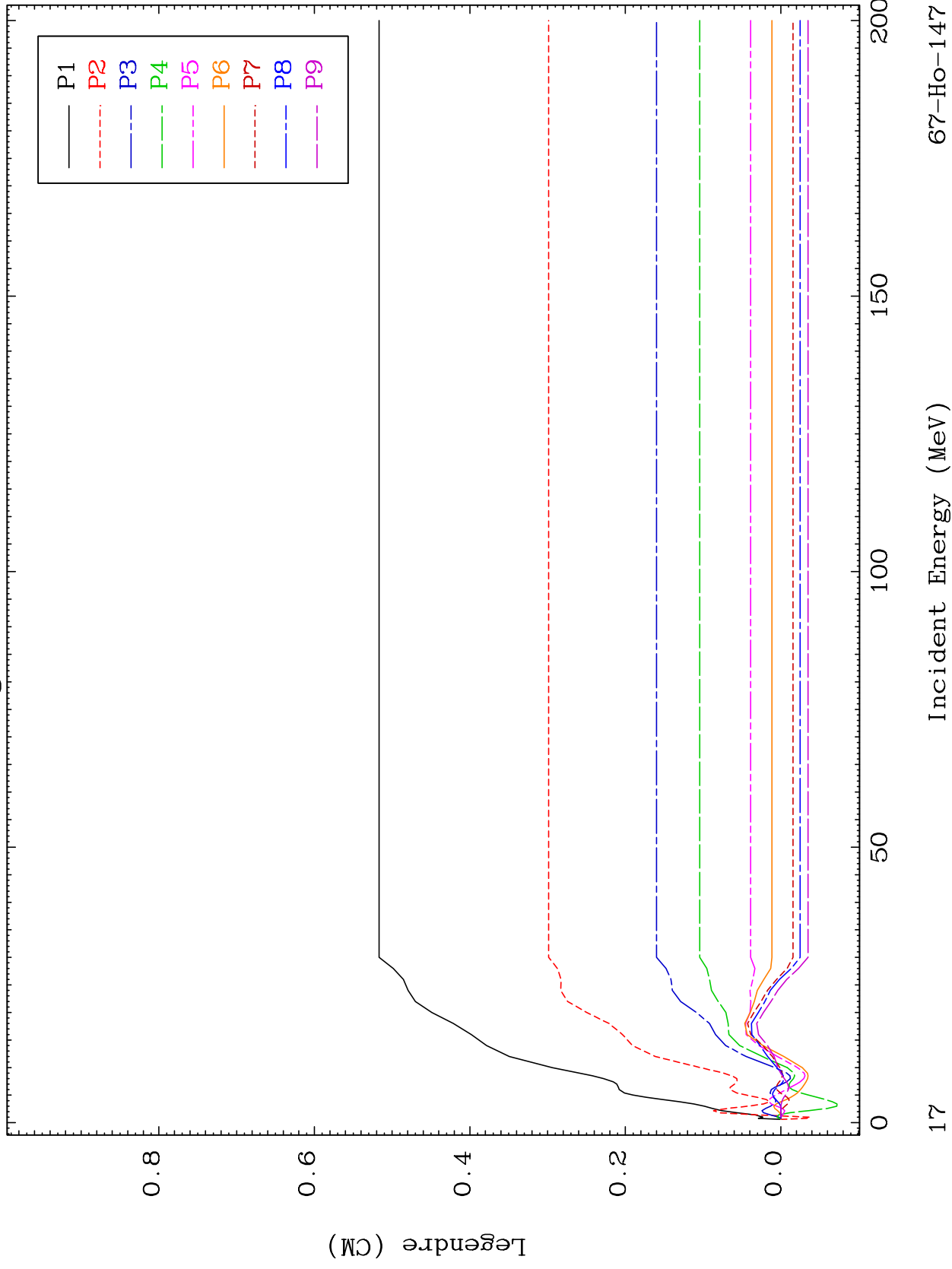
Incident Energy (MeV)

16

MAT 6671

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

67-Ho-147



67-Ho-147

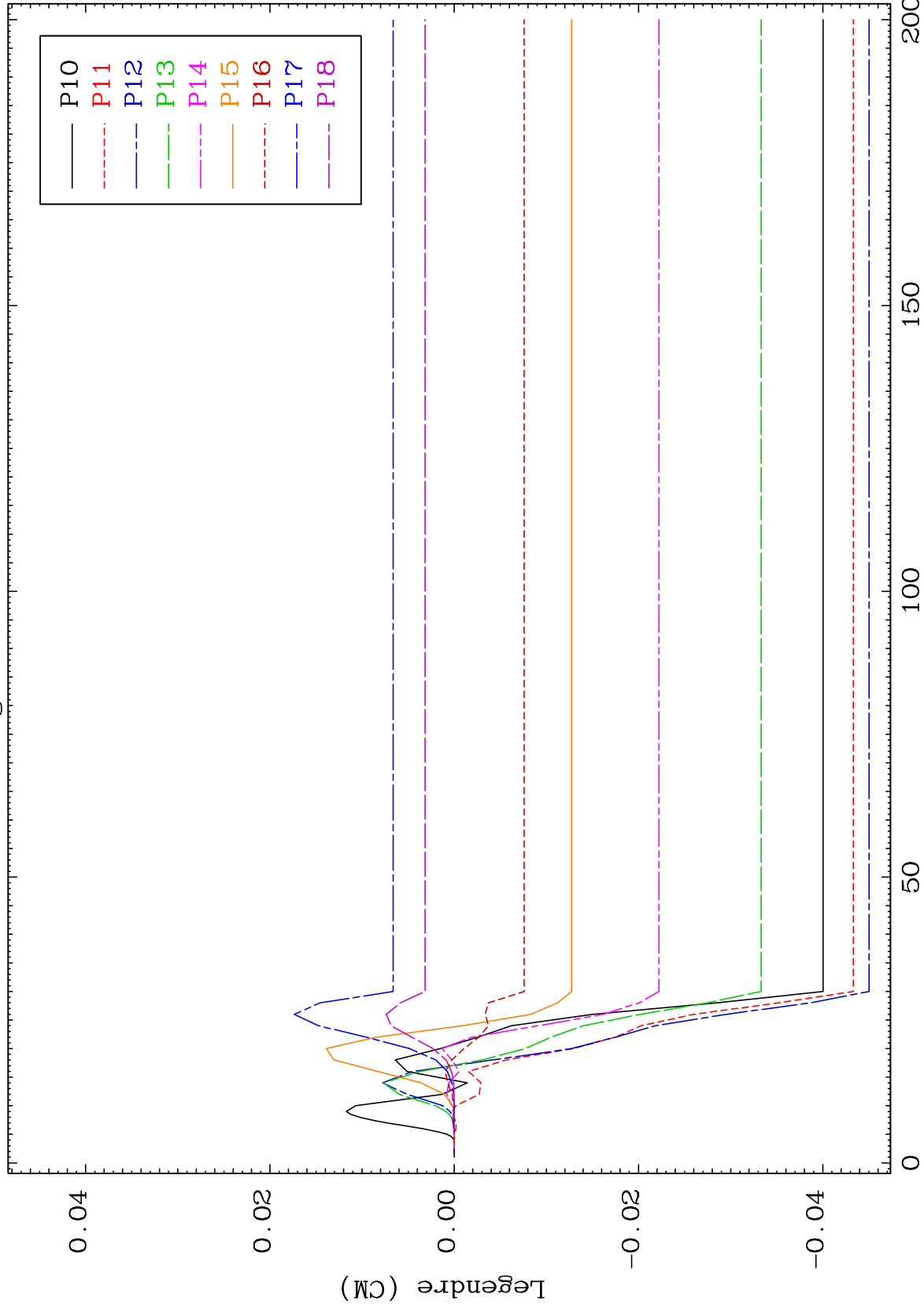
Incident Energy (MeV)

17

MAT 6671

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

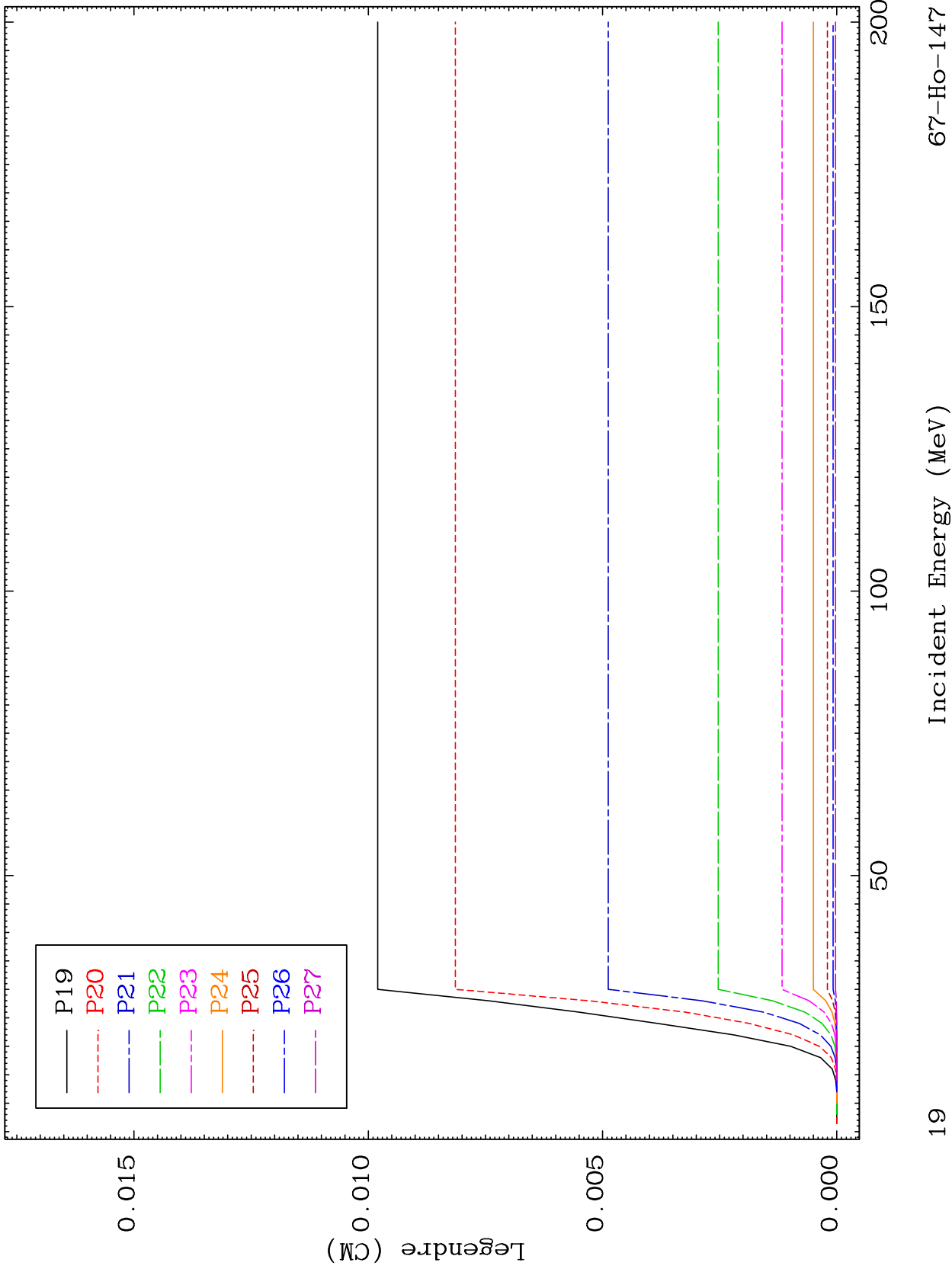
67-Ho-147



18

Incident Energy (MeV)

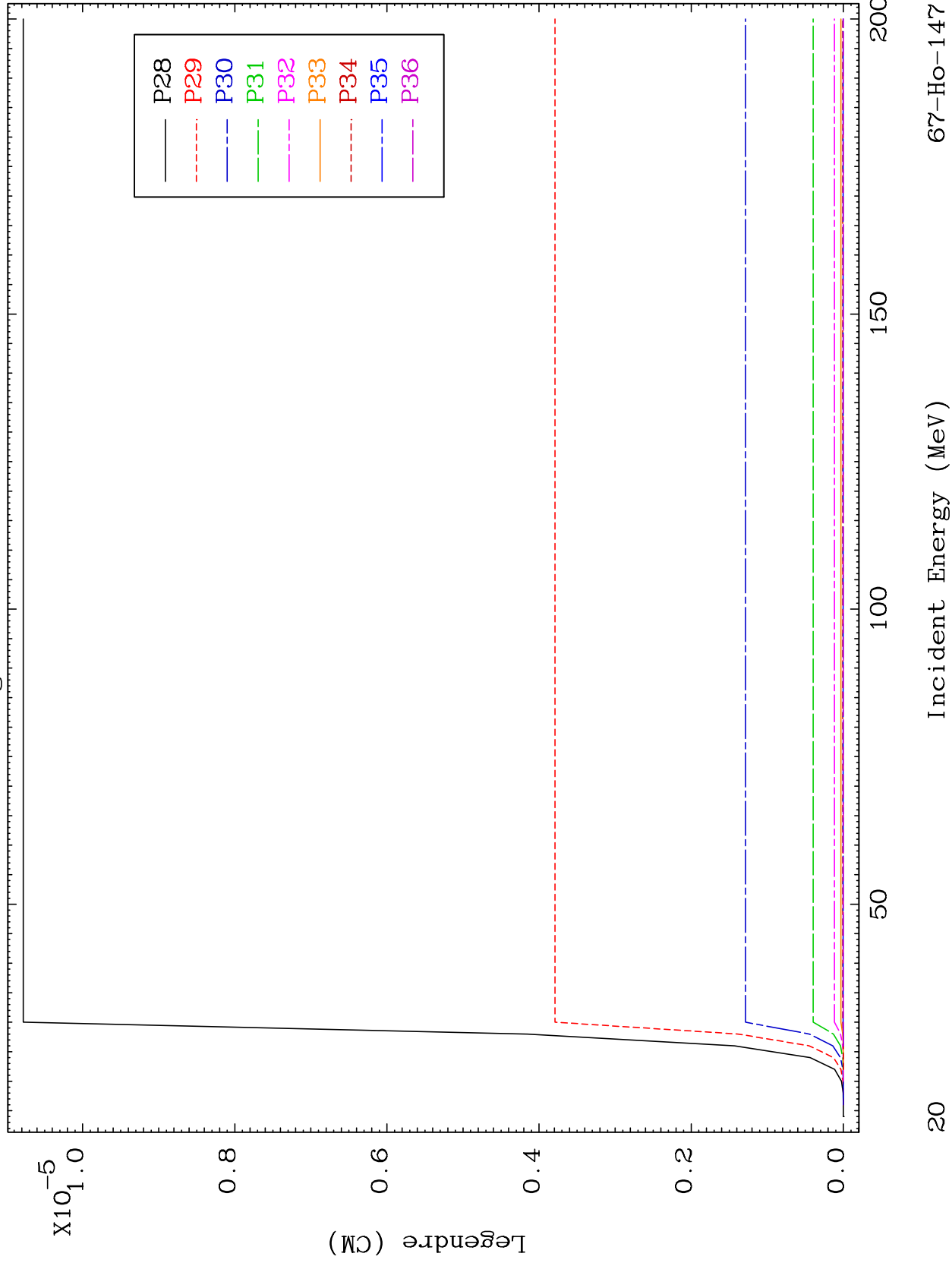
67-Ho-147



MAT 6671

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

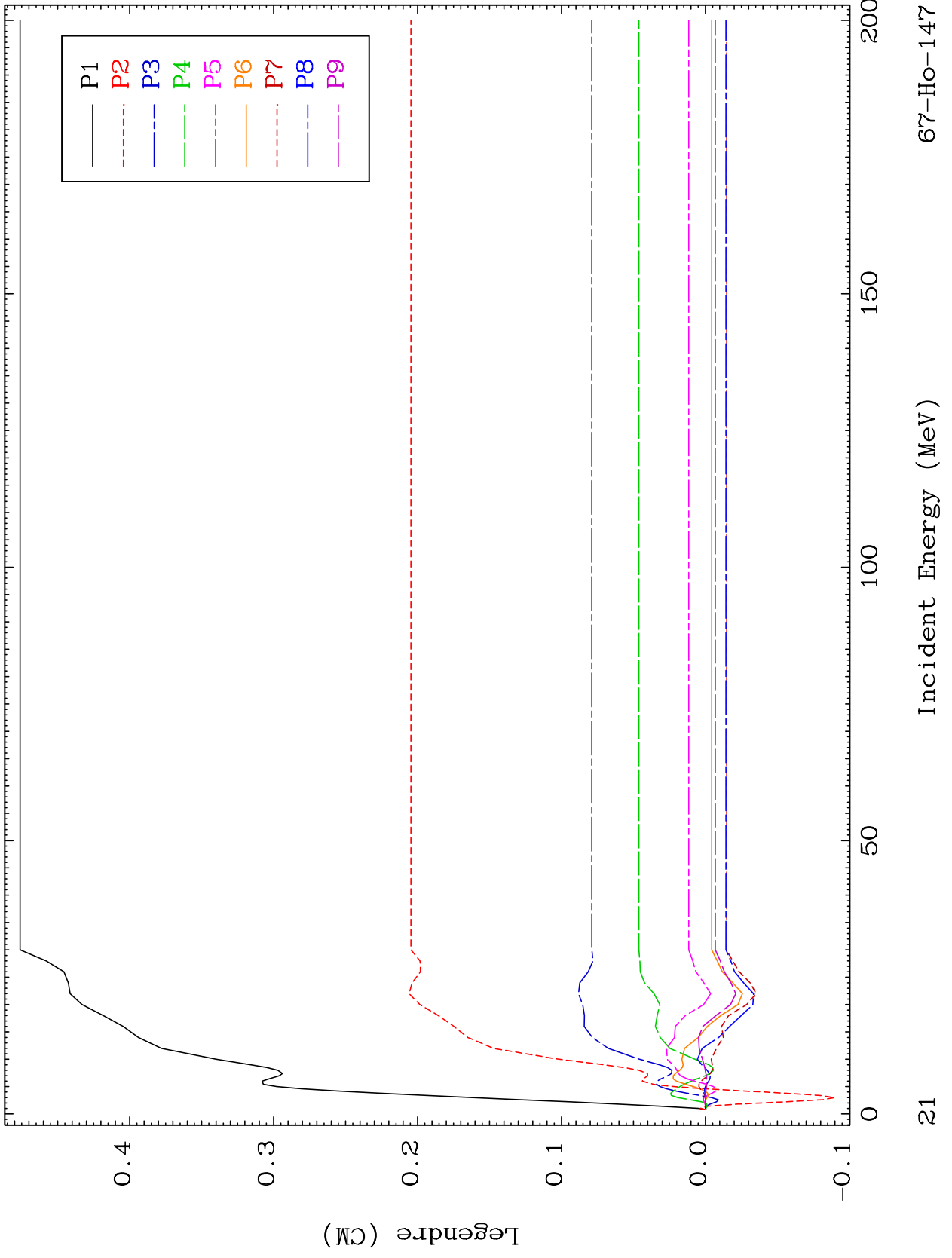
67-Ho-147



MAT 6671

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

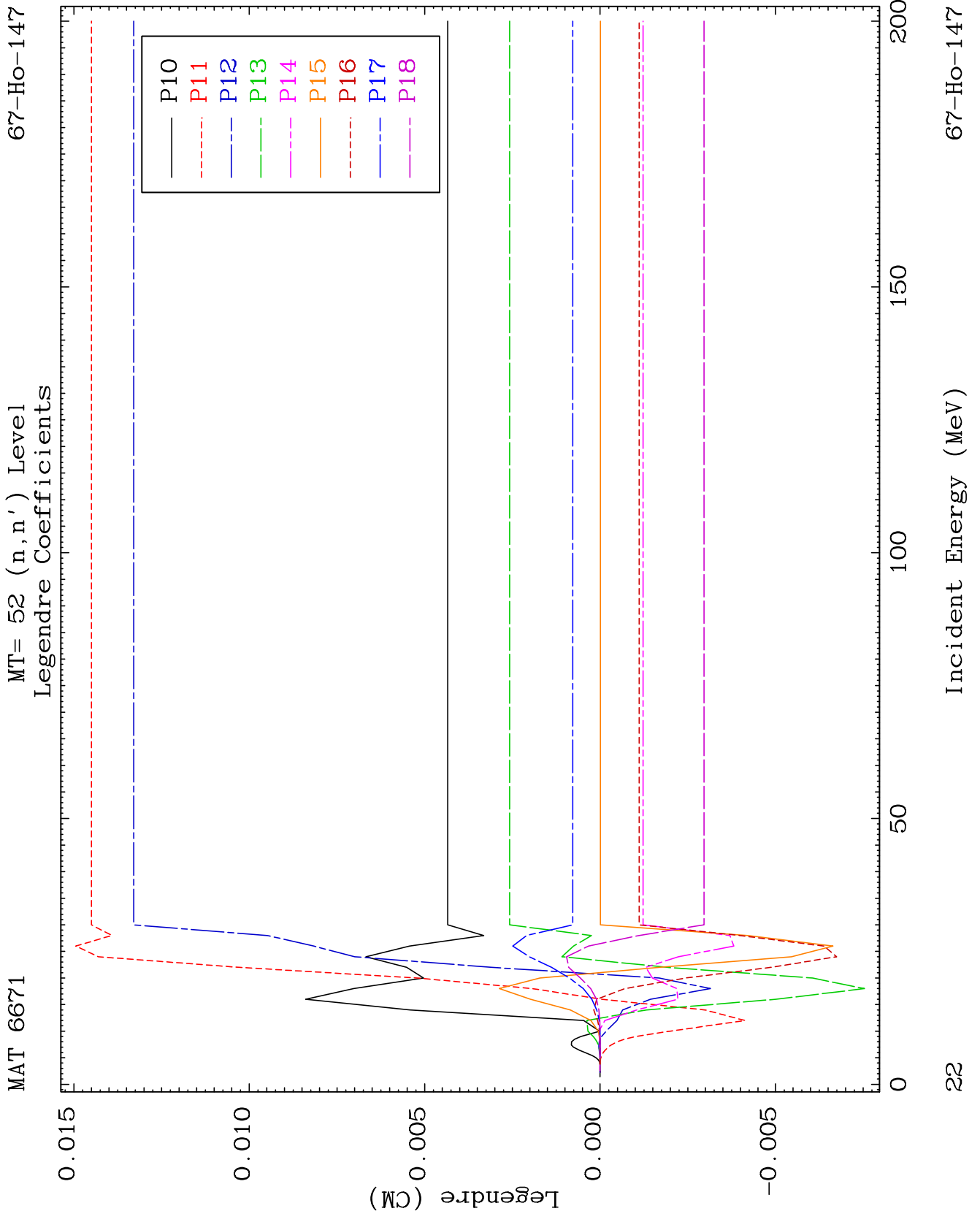
67-Ho-147

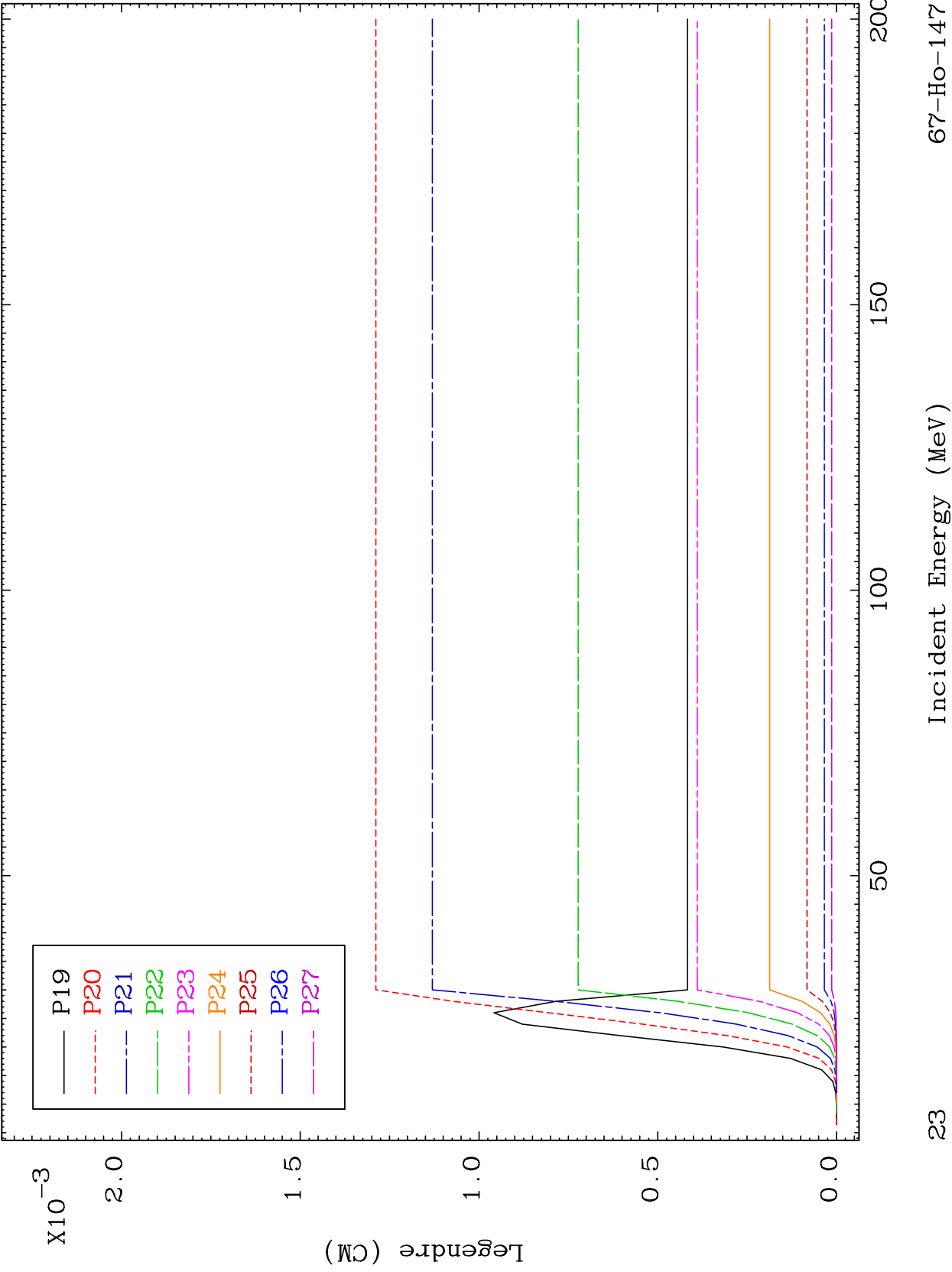


21

Incident Energy (MeV)

67-Ho-147

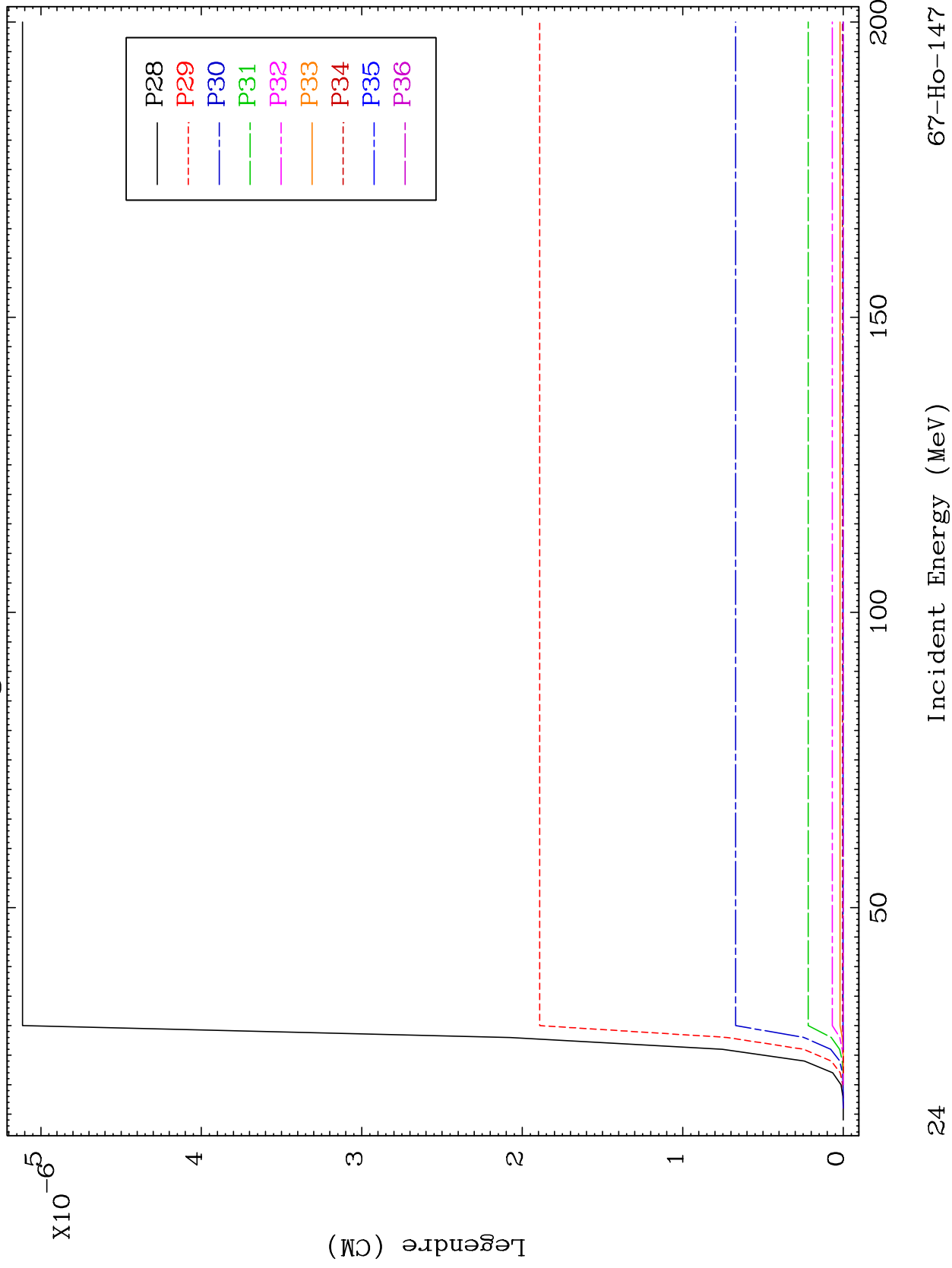




MAT 6671

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

67-Ho-147



24

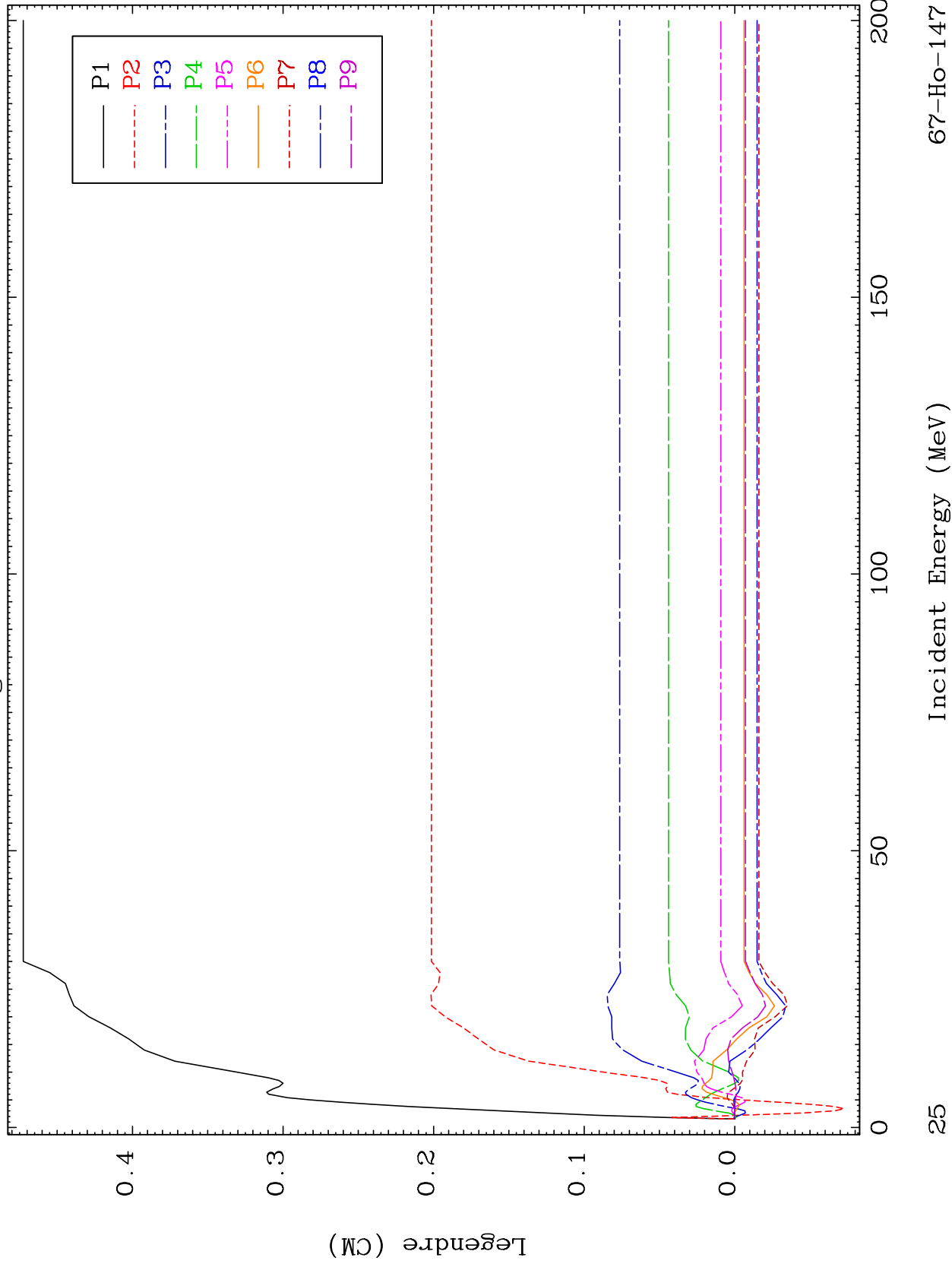
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



67-Ho-147

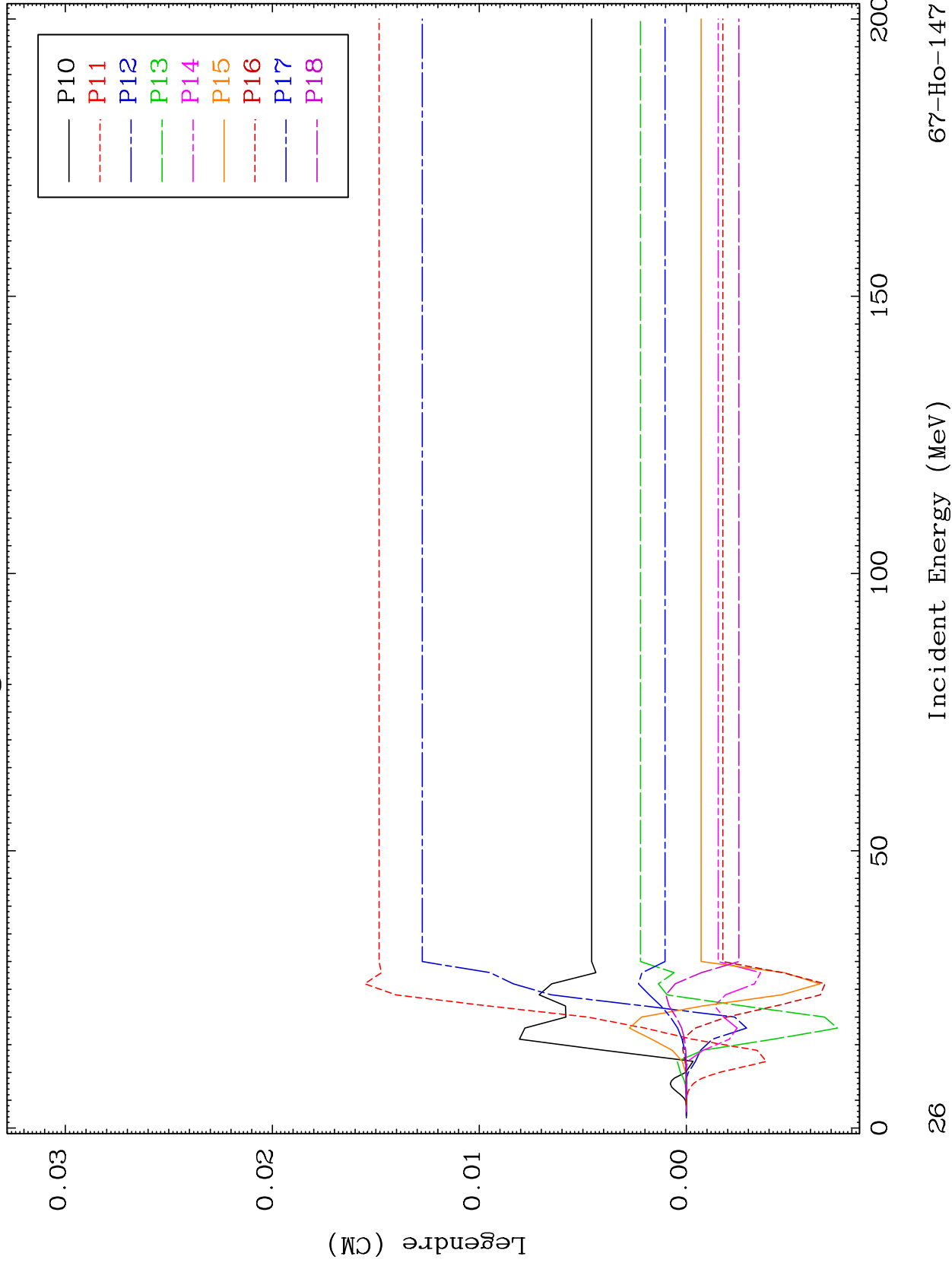
Incident Energy (MeV)

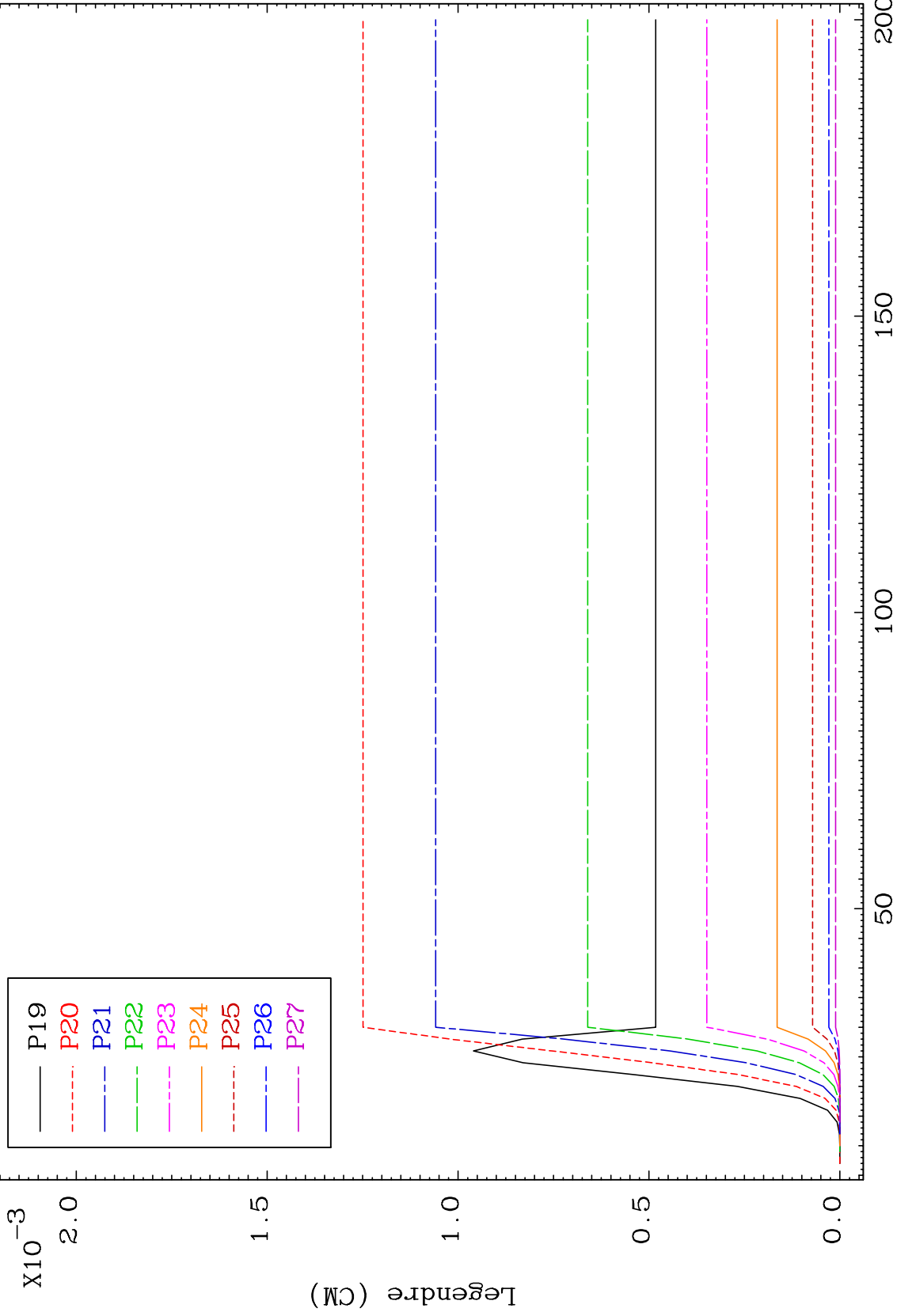
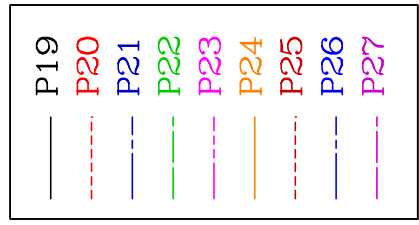
25

MAT 6671

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

67-Ho-147

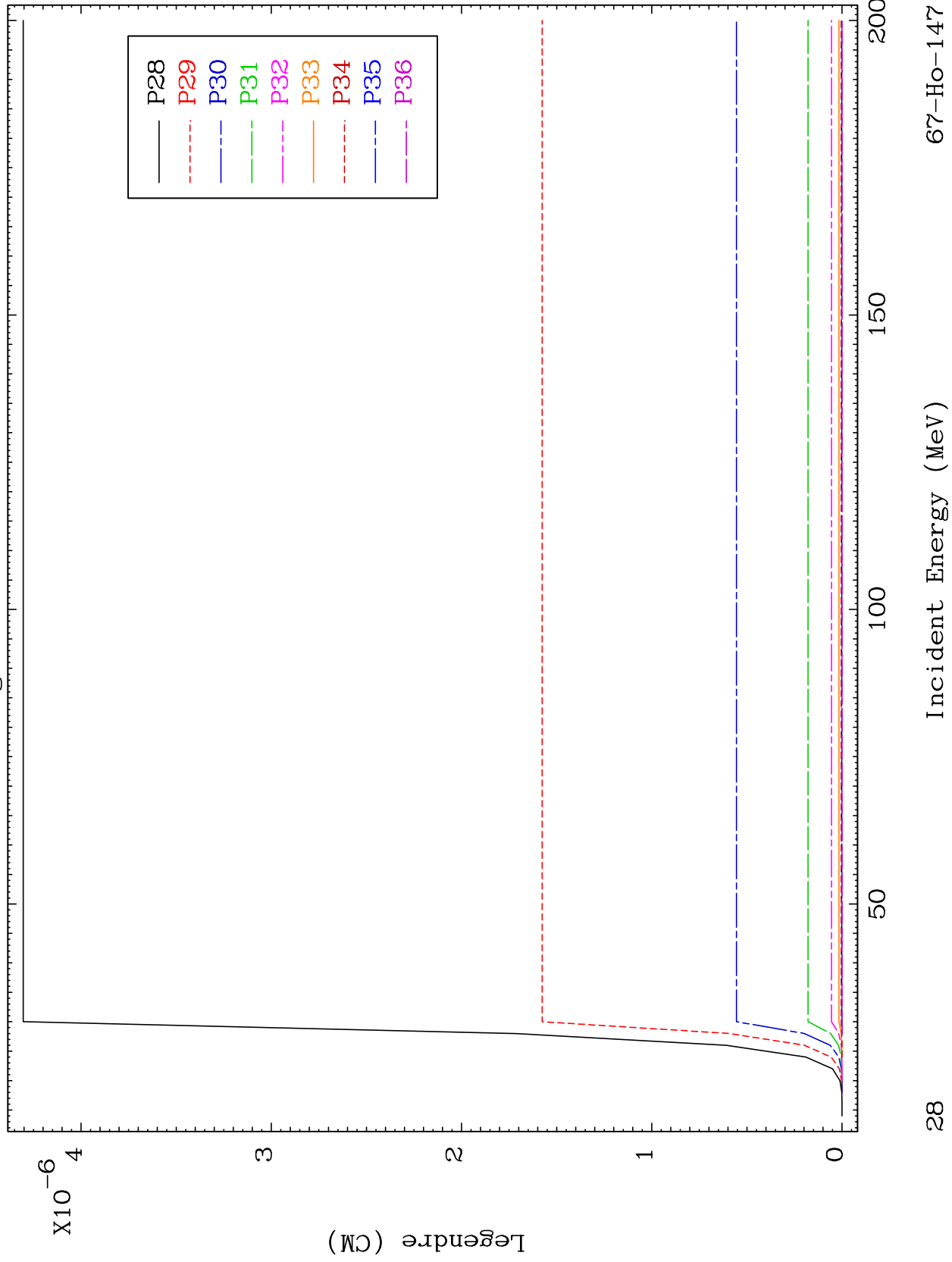




MAT 6671

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

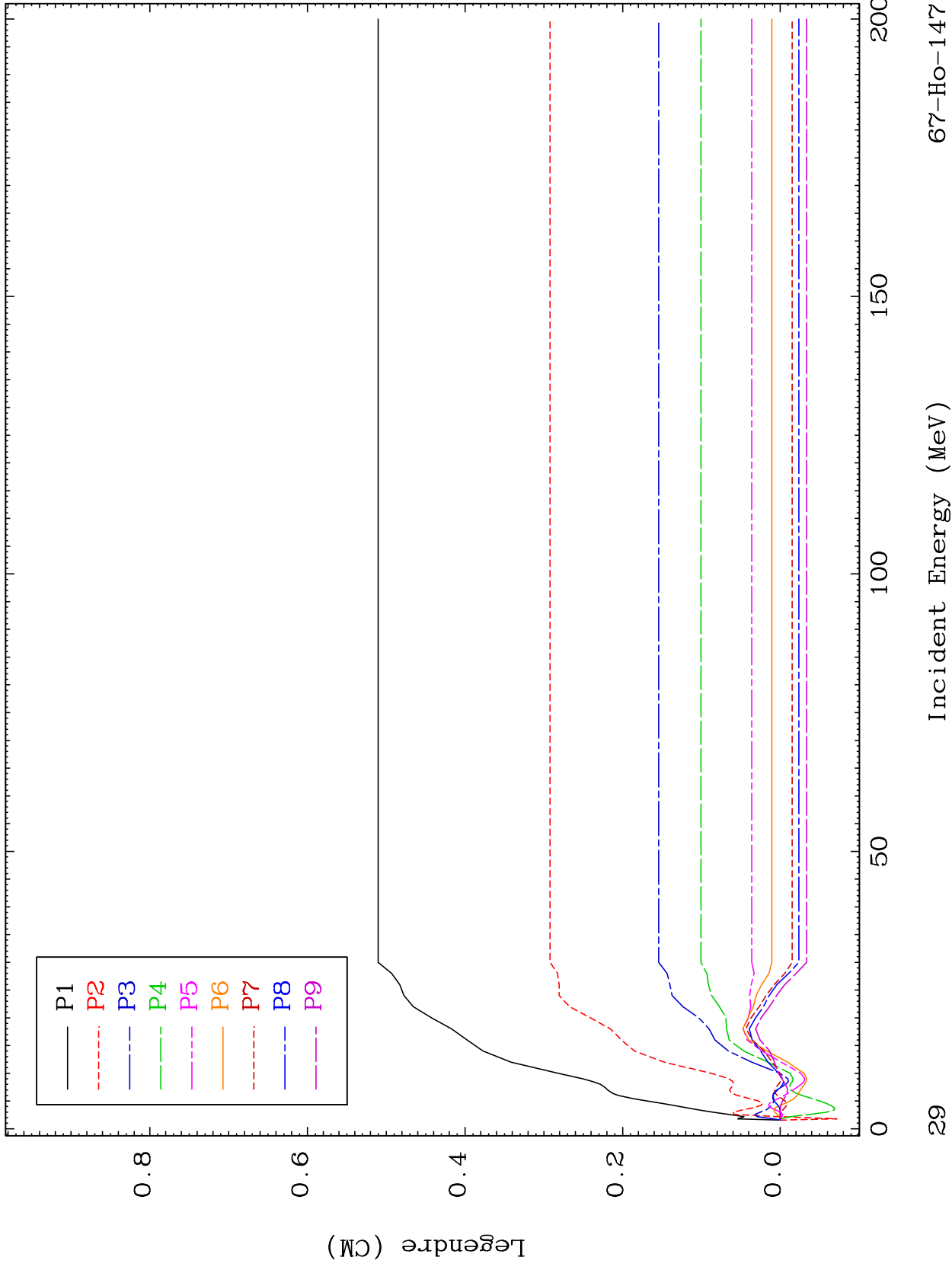
67-Ho-147



MAT 6671

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

67-Ho-147



29

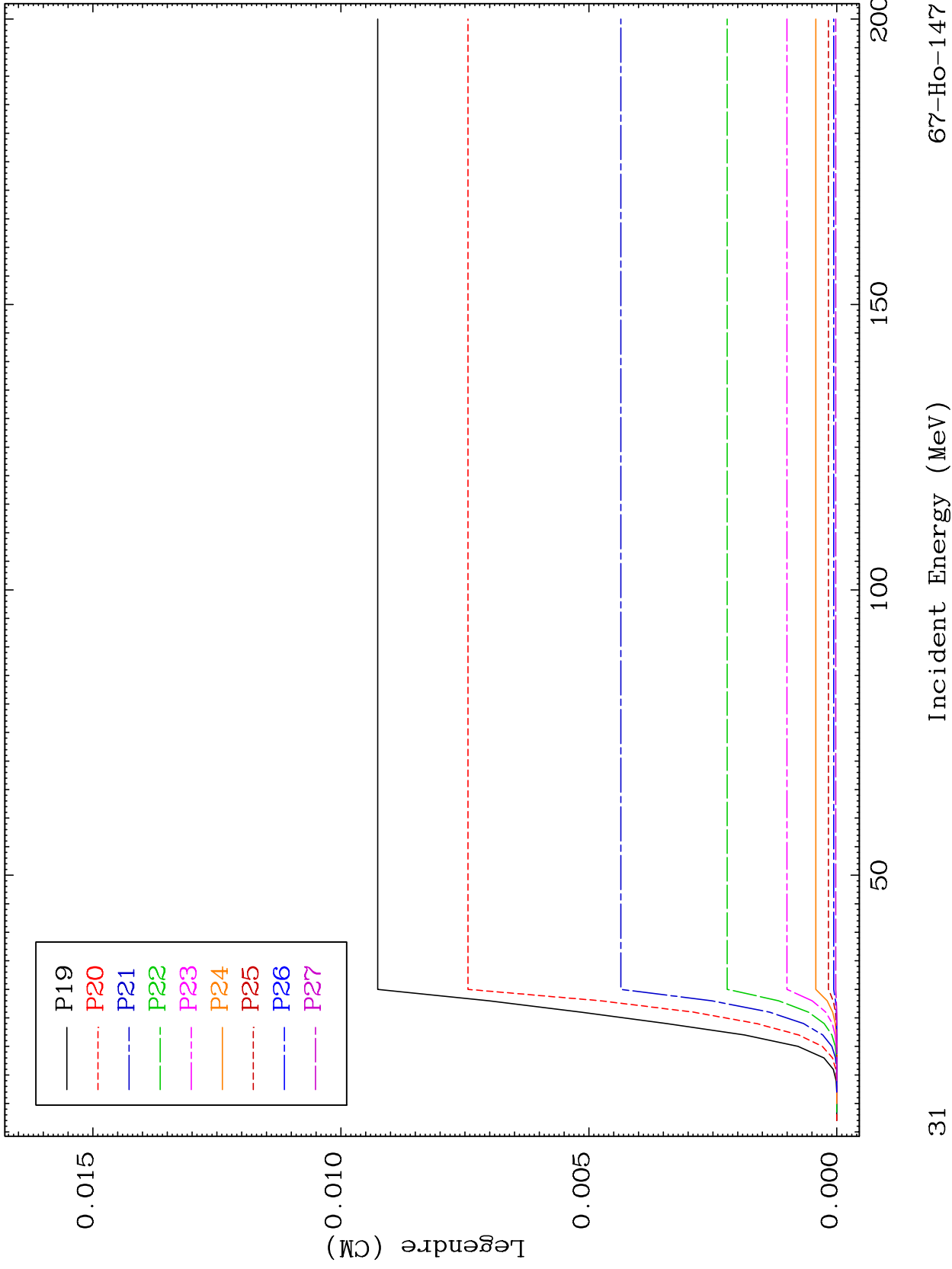
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147



31

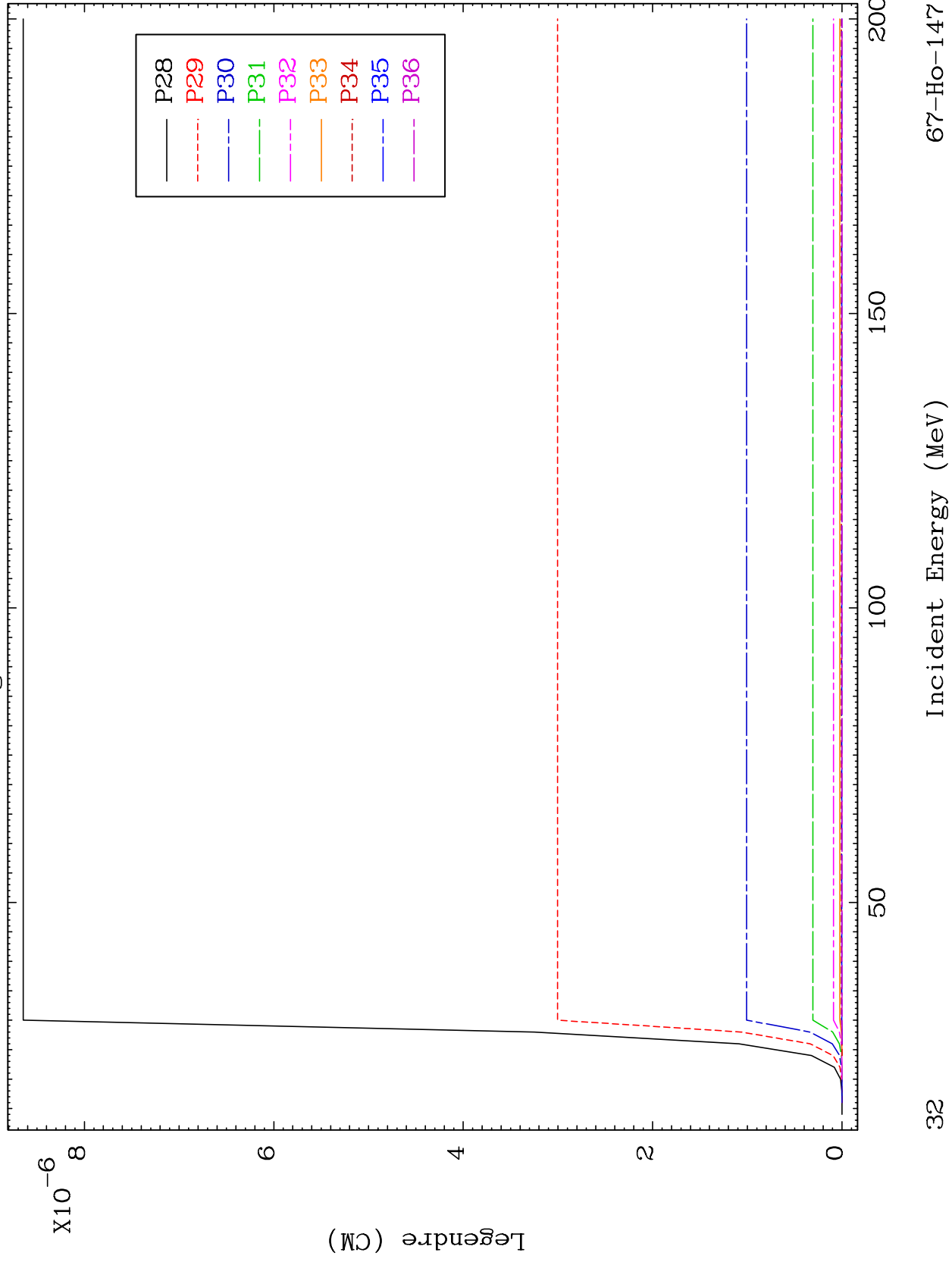
Incident Energy (MeV)

67-Ho-147

MAT 6671

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

67-Ho-147

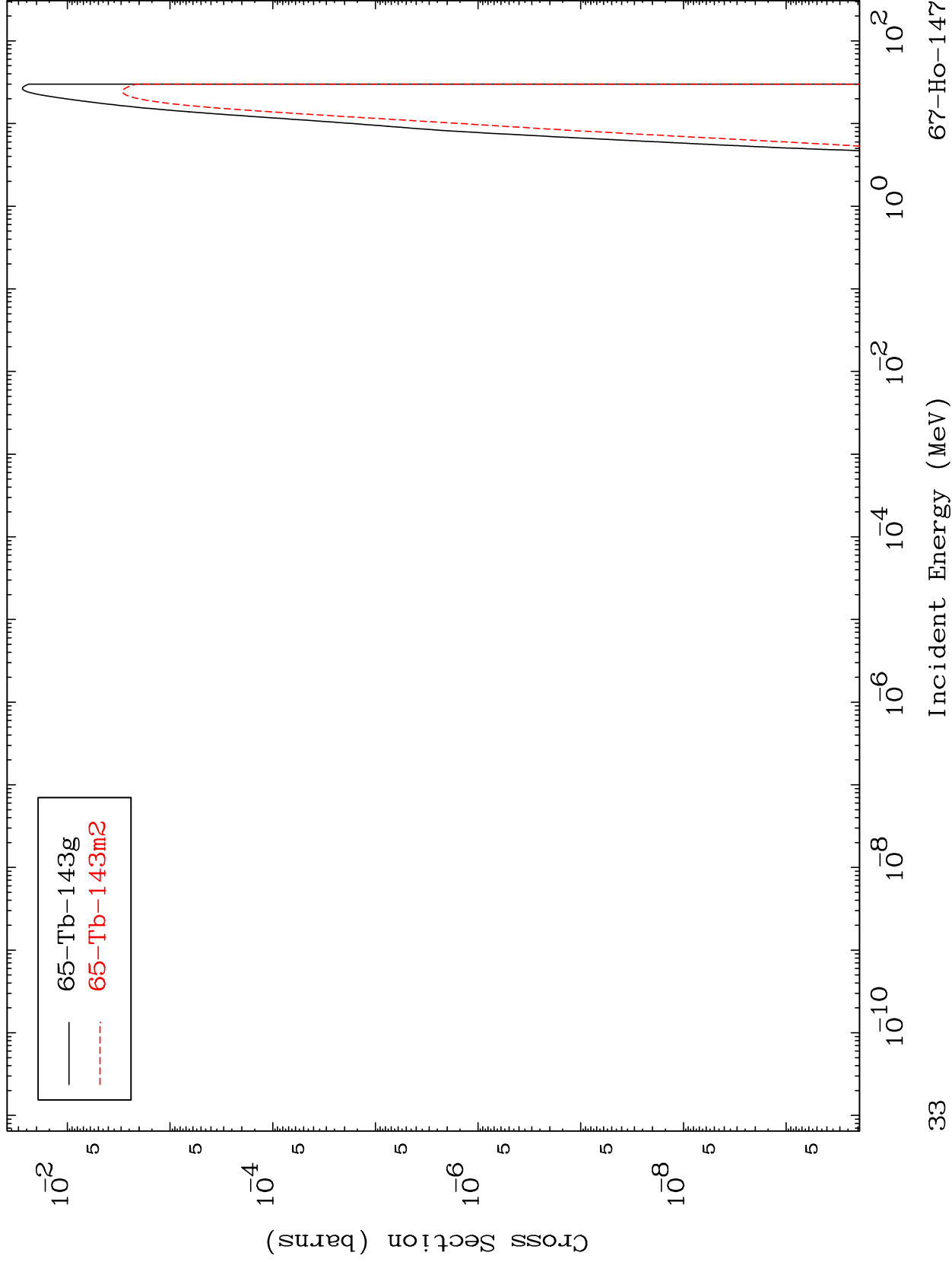


MAT 6671

(n,n') α

67-Ho-147

Radionuclide Production Cross Section



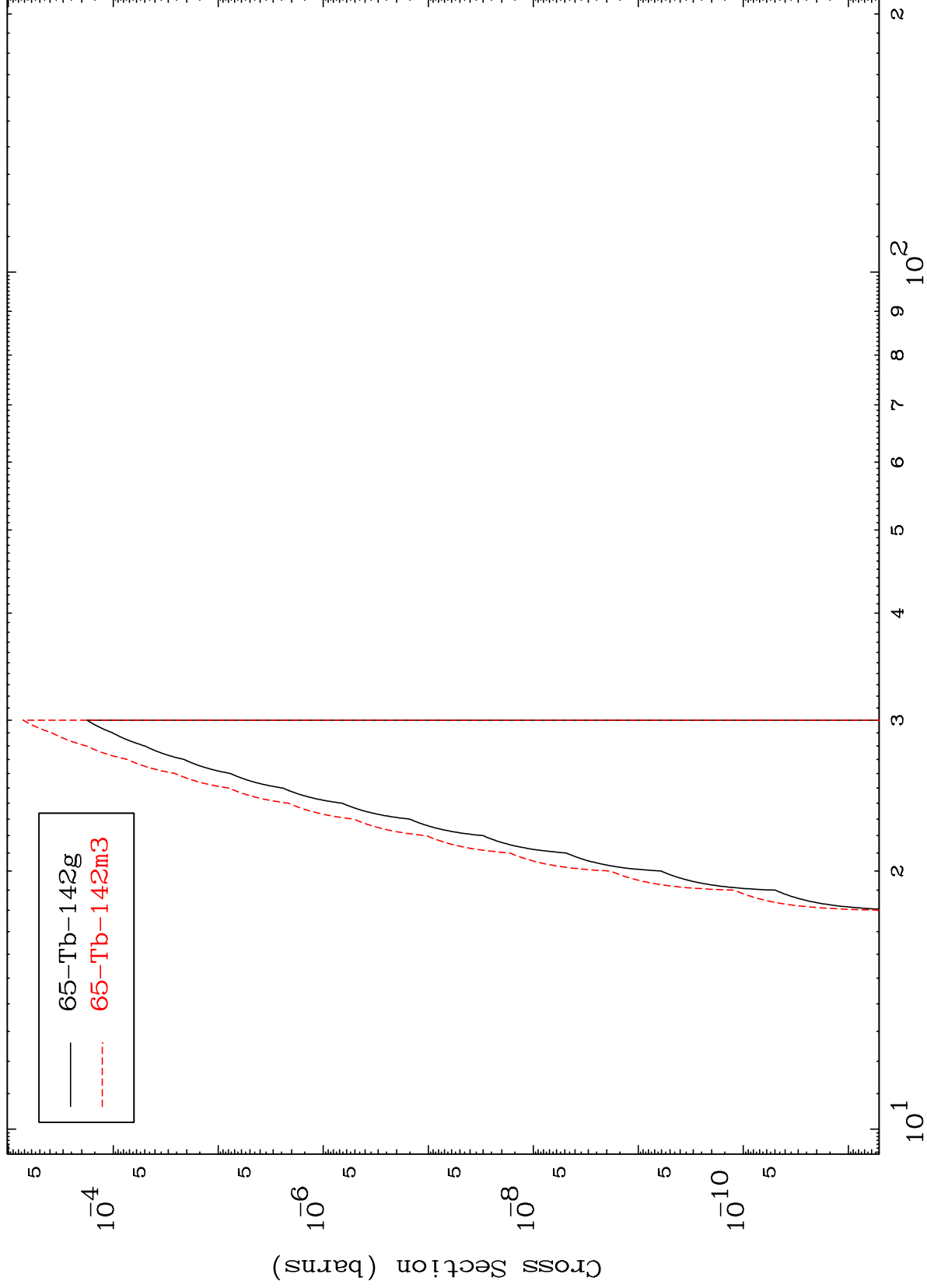
— 65-Tb-143g
- - - 65-Tb-143m2

MAT 6671

(n,2n) α

67-Ho-147

Radionuclide Production Cross Section



Incident Energy (MeV)

67-Ho-147

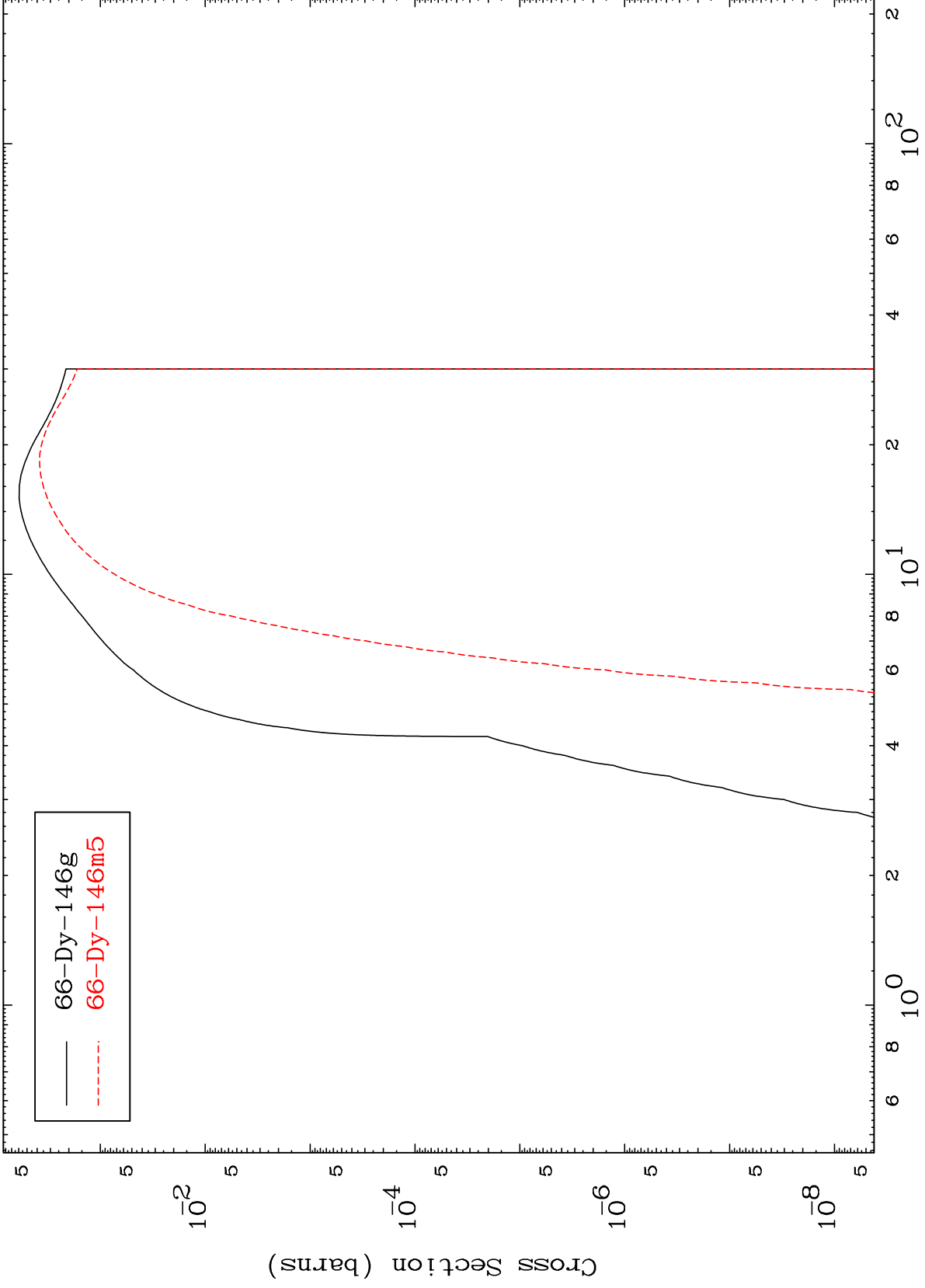
34

MAT 6671

(n,n') p

67-Ho-147

Radionuclide Production Cross Section

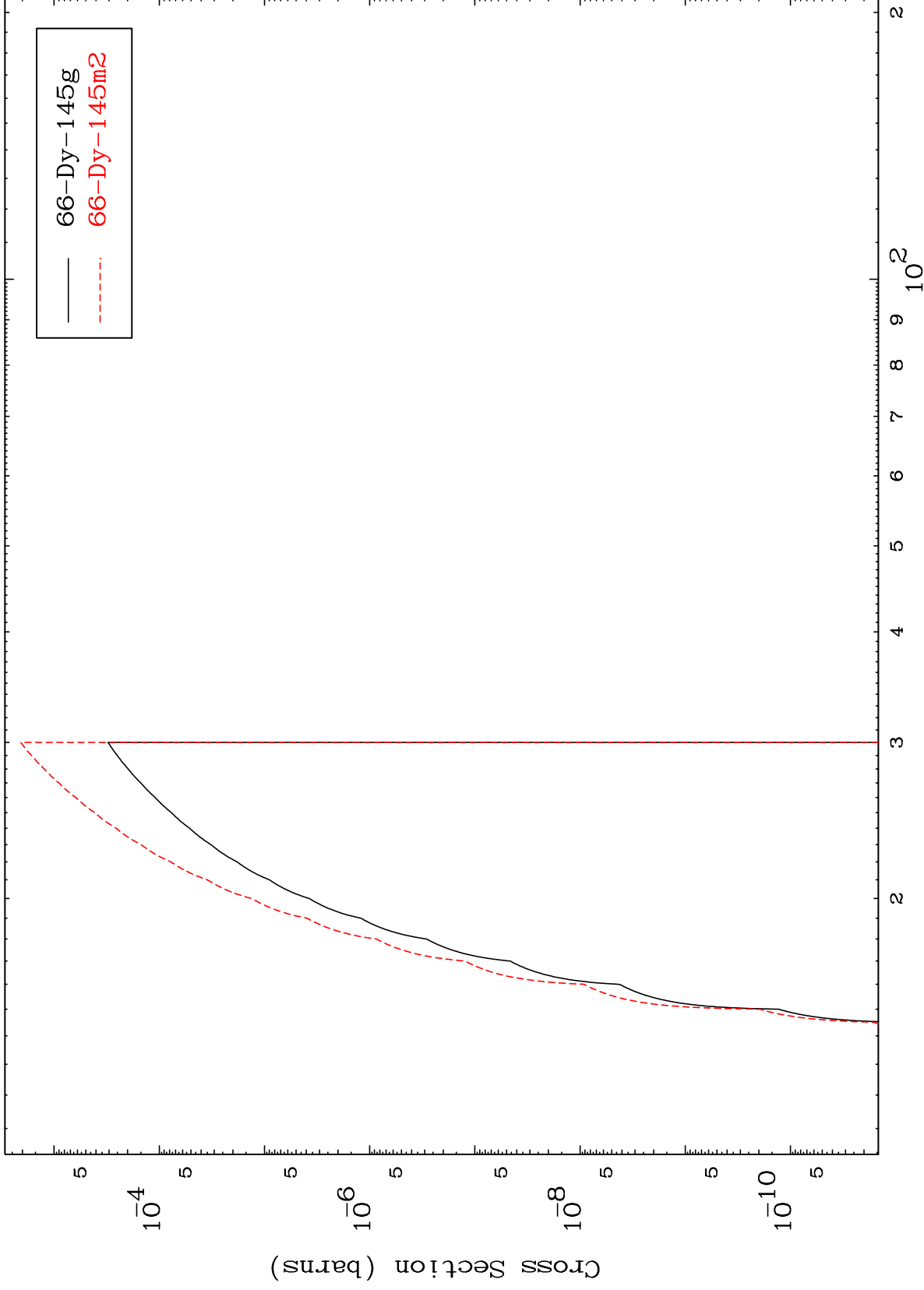


35

Incident Energy (MeV)

67-Ho-147

Radionuclide Production Cross Section

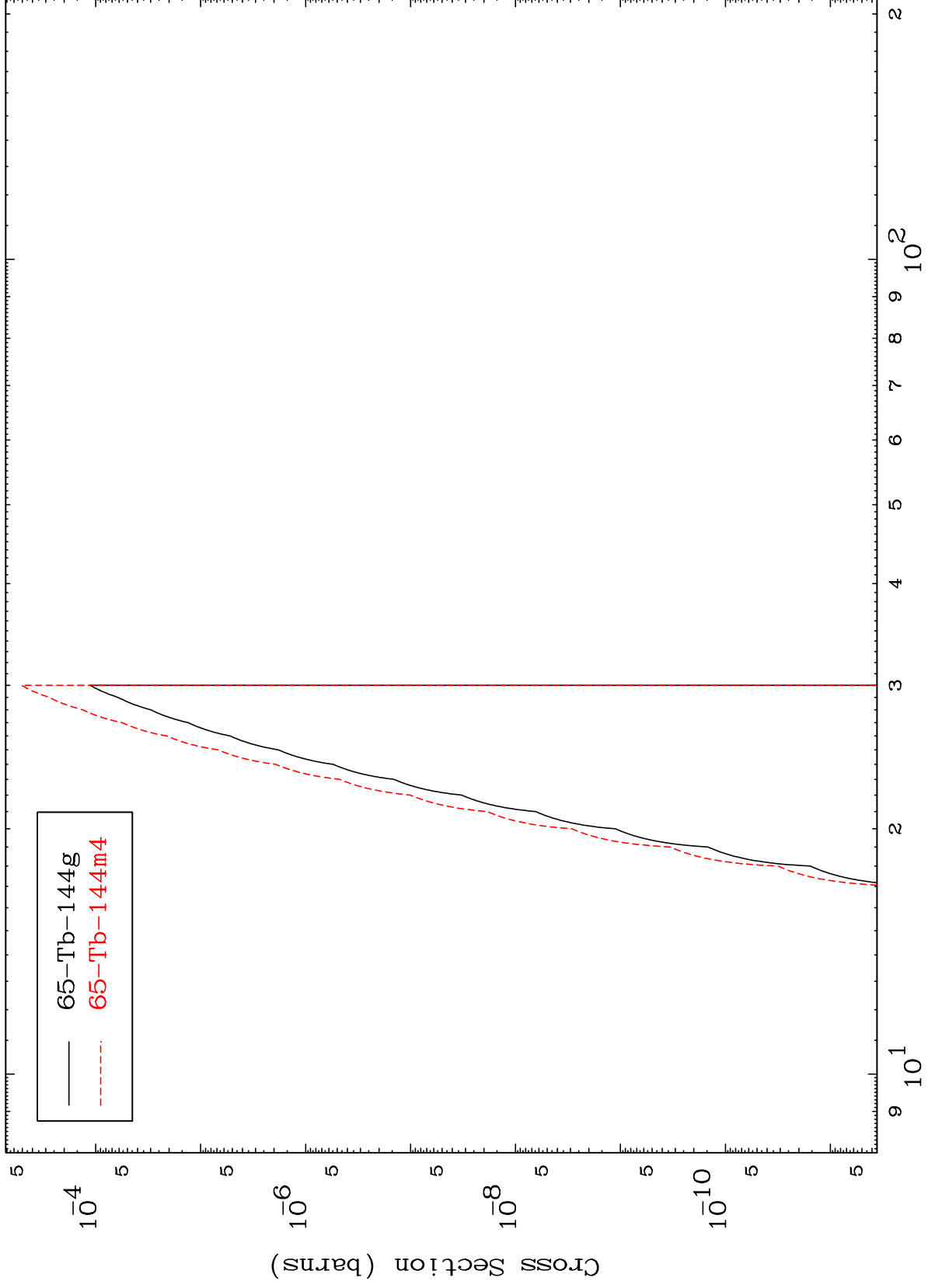


MAT 6671

(n,n') He-3

67-Ho-147

Radionuclide Production Cross Section

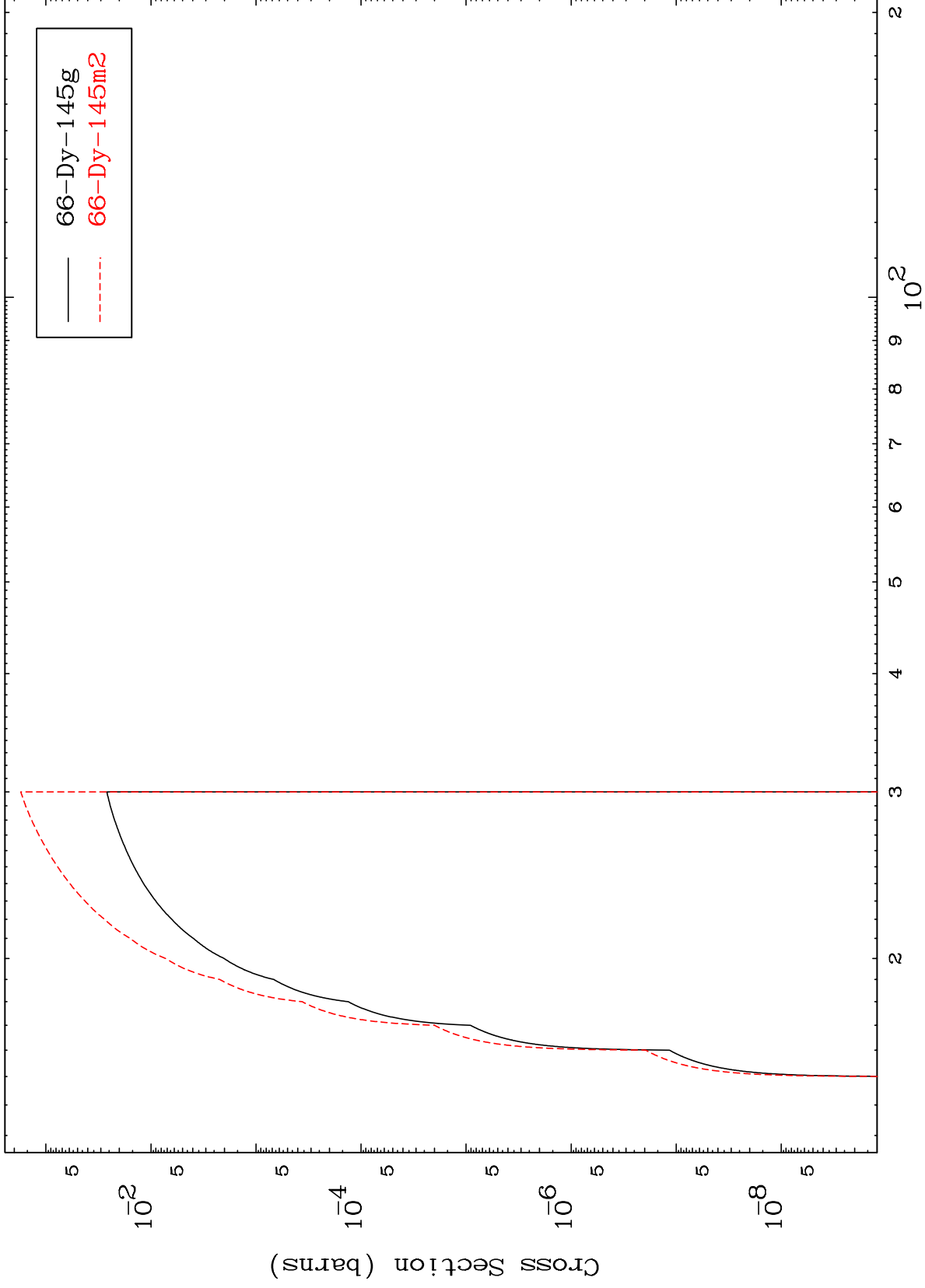


37

Incident Energy (MeV)

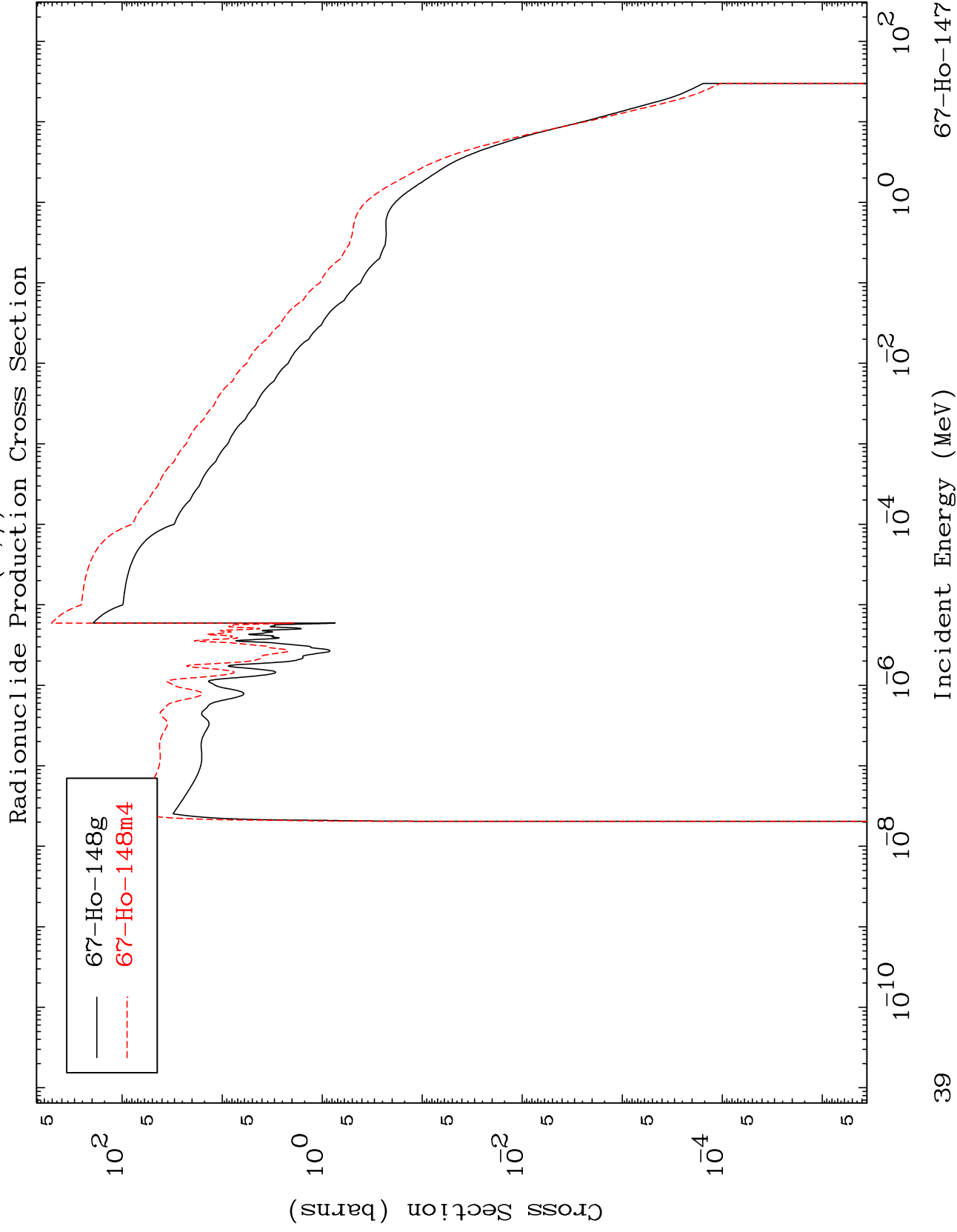
67-Ho-147

Radionuclide Production Cross Section



MAT 6671

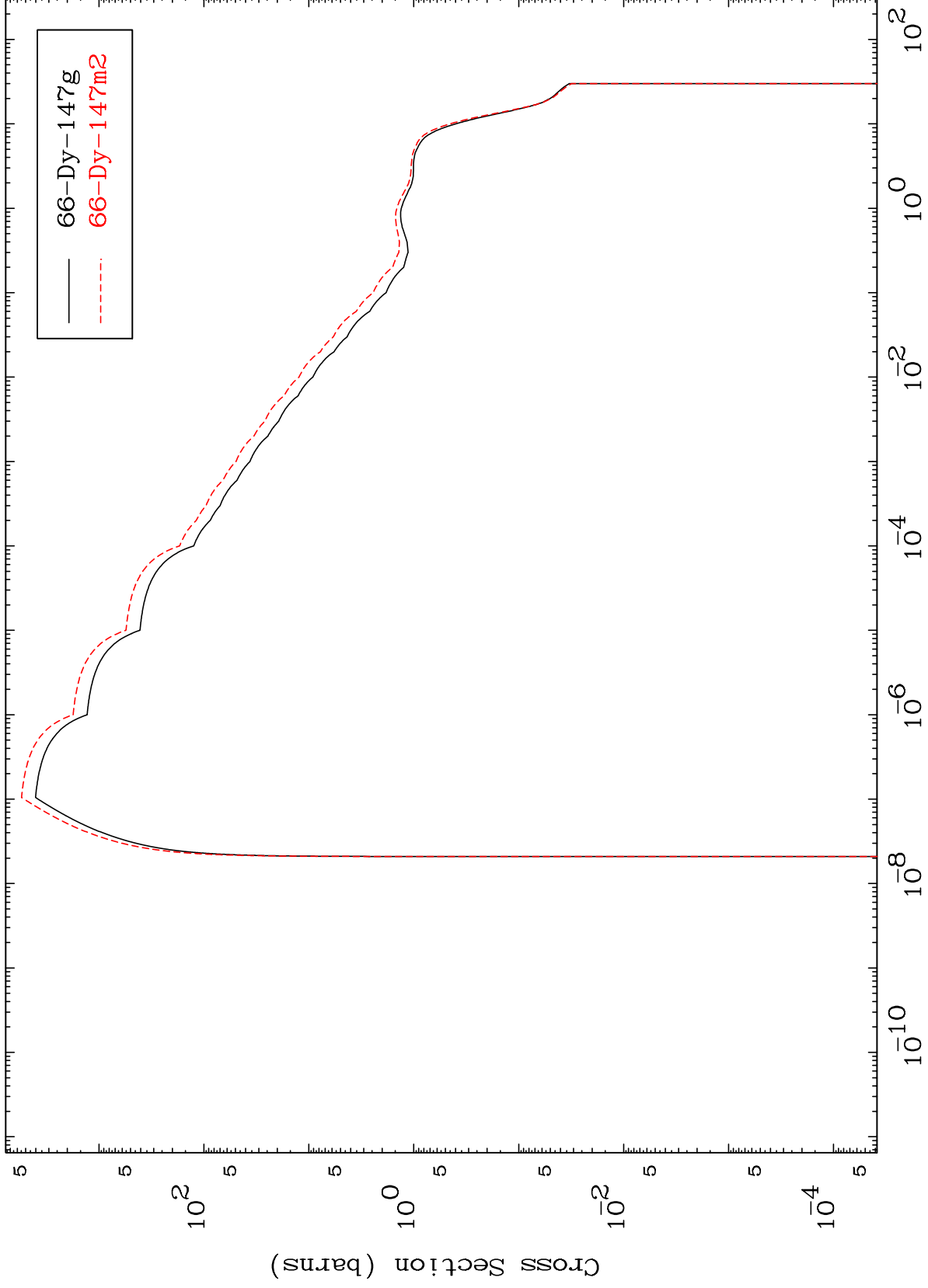
⁶⁷Ho-147



MAT 6671

67-Ho-147

(n,p)
Radionuclide Production Cross Section



40

Incident Energy (MeV)

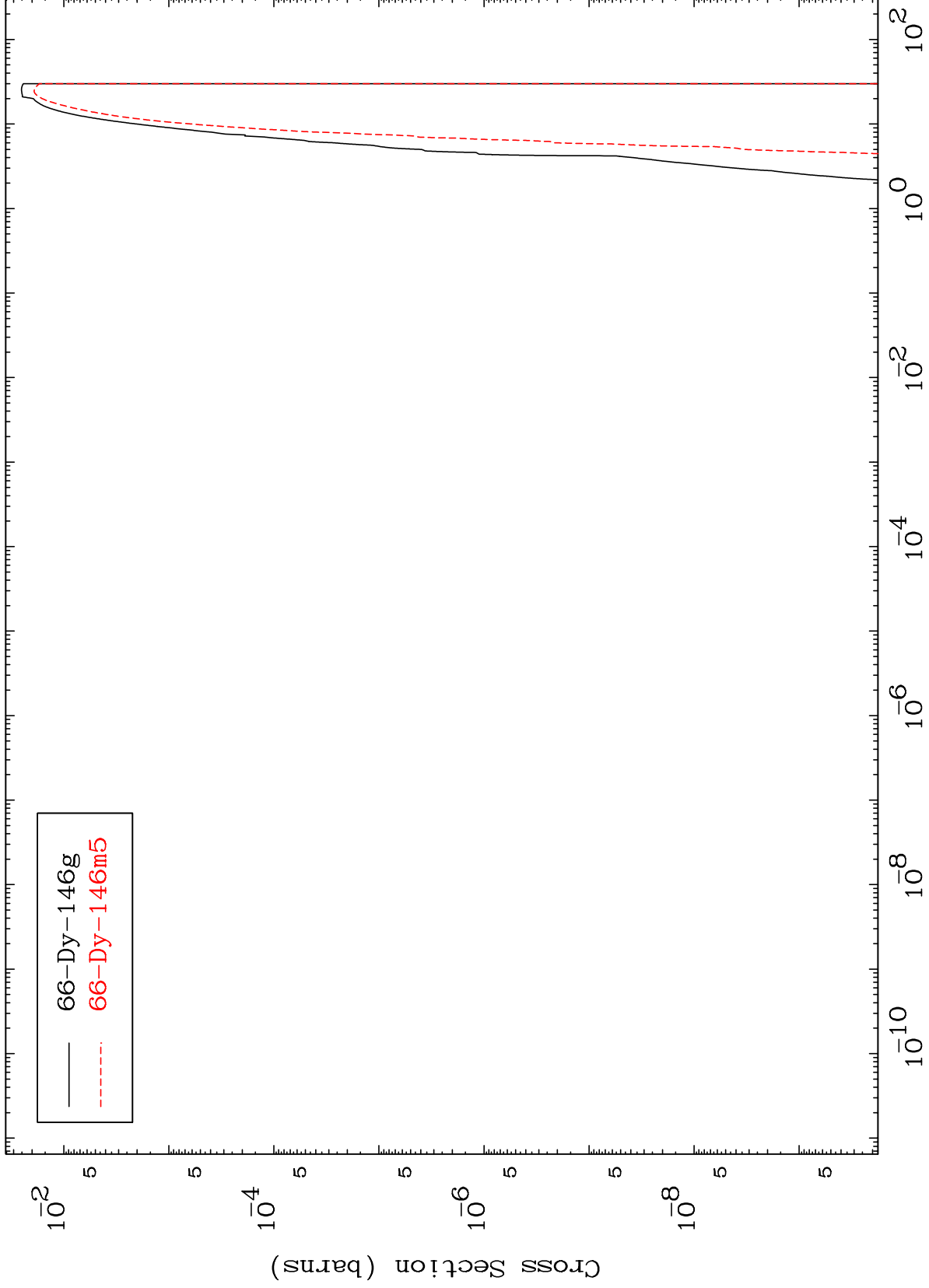
67-Ho-147

MAT 6671

(n,d)

67-Ho-147

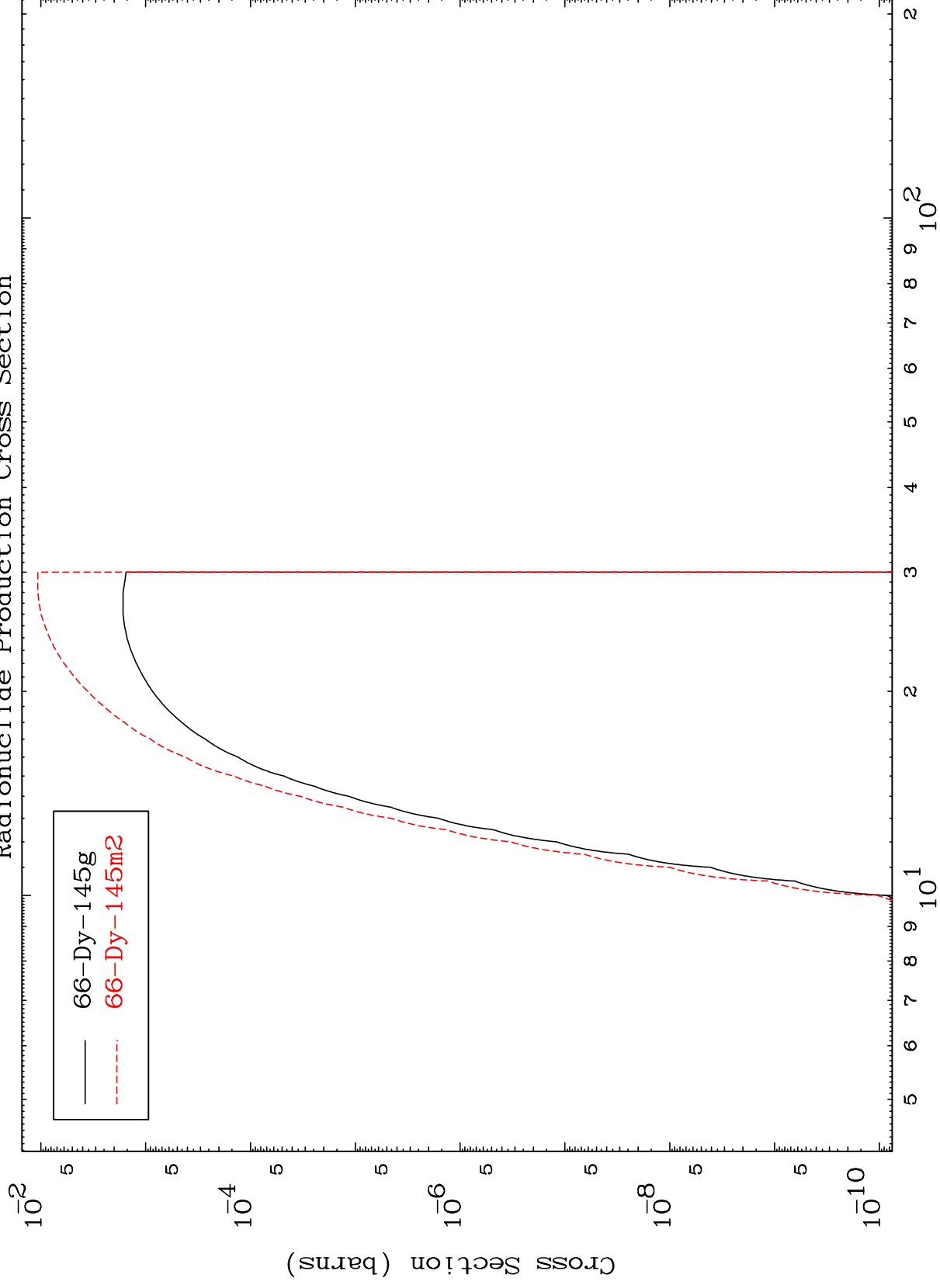
Radionuclide Production Cross Section



MAT 6671

67-Ho-147

Radionuclide Production Cross Section (n,t)



Incident Energy (MeV)

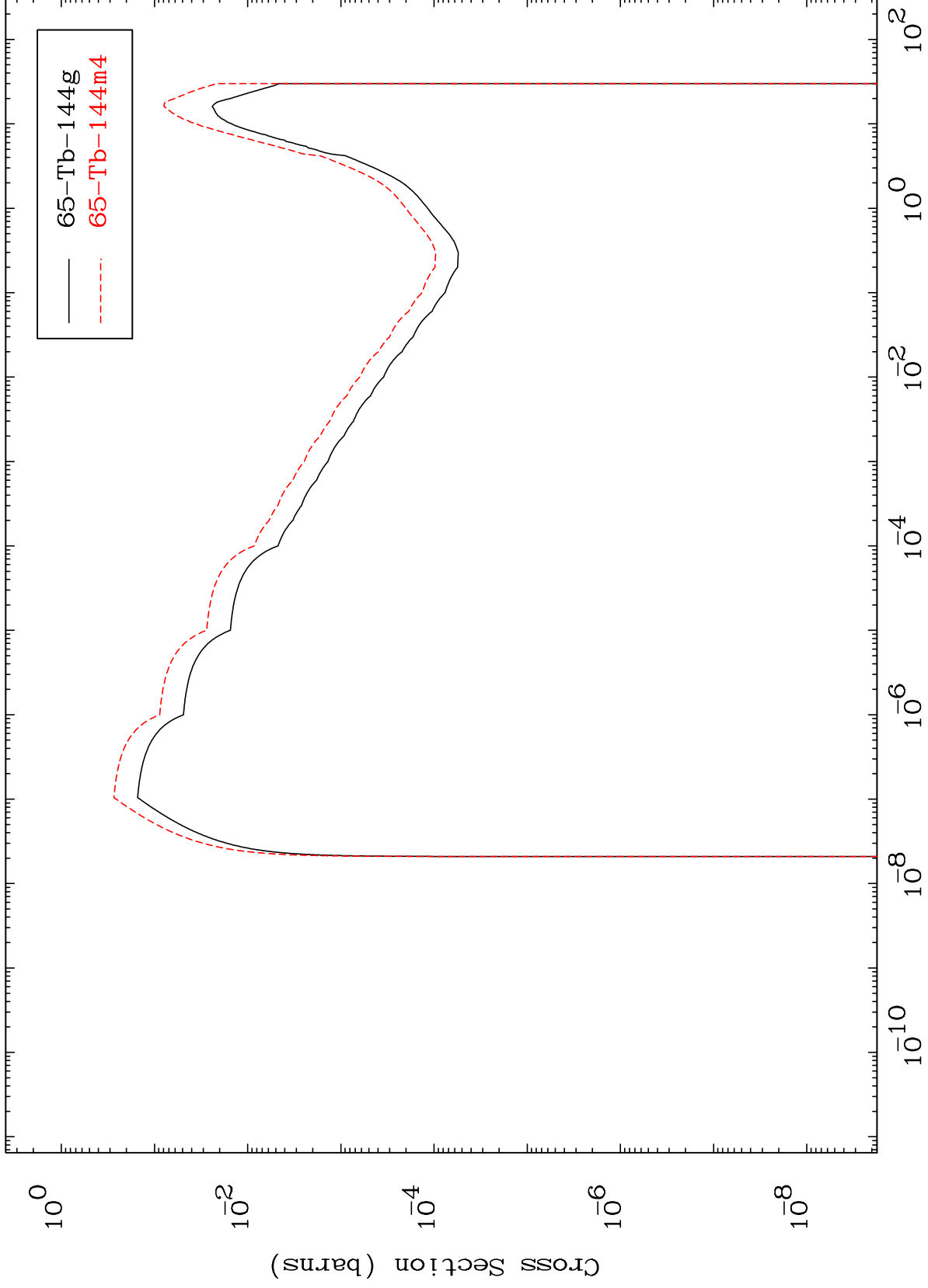
67-Ho-147

42

MAT 6671

67-Ho-147

(n, α)
Radionuclide Production Cross Section



43

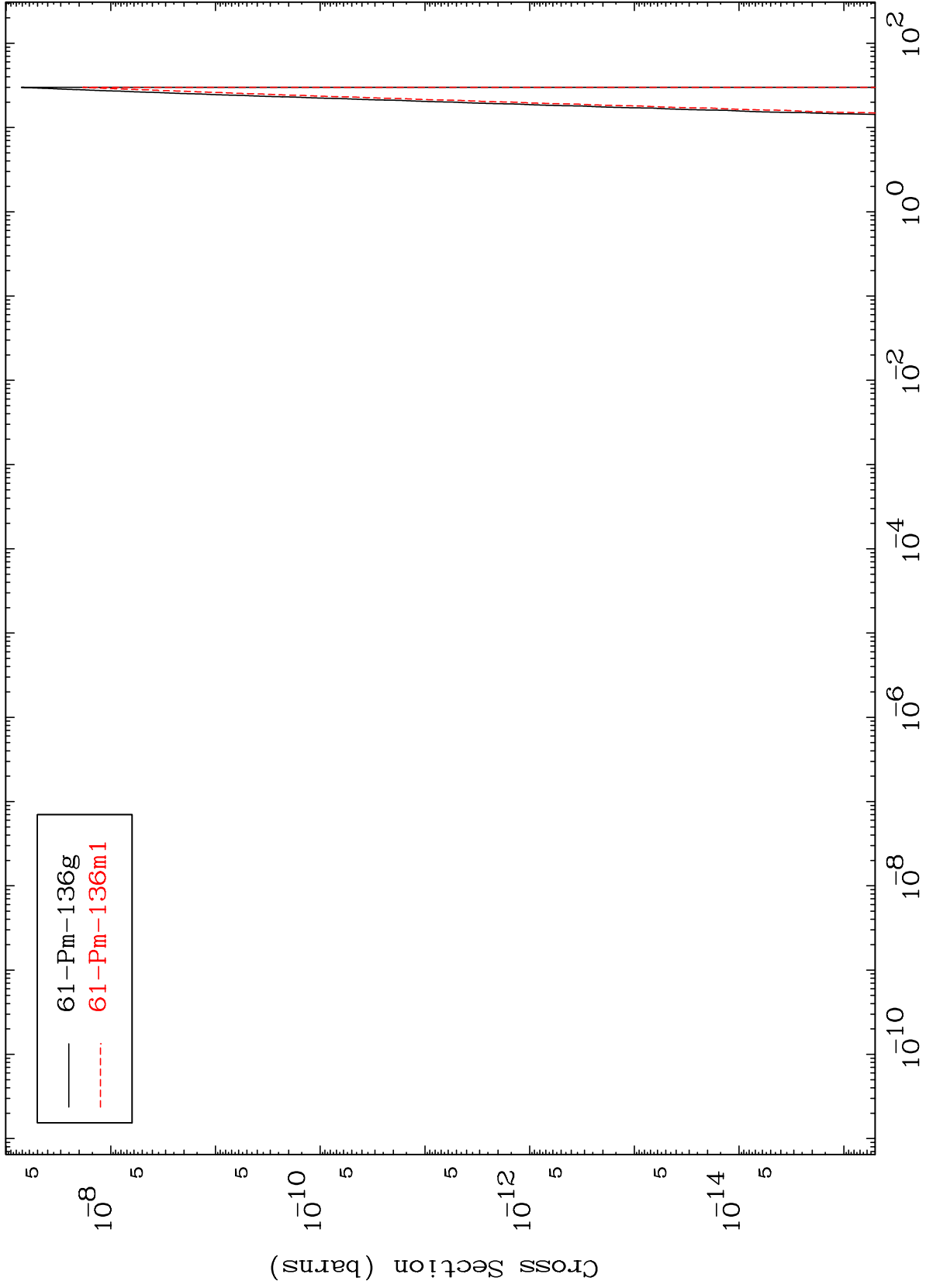
67-Ho-147

MAT 6671

(n,3α)

67-Ho-147

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

Incident Energy (MeV)

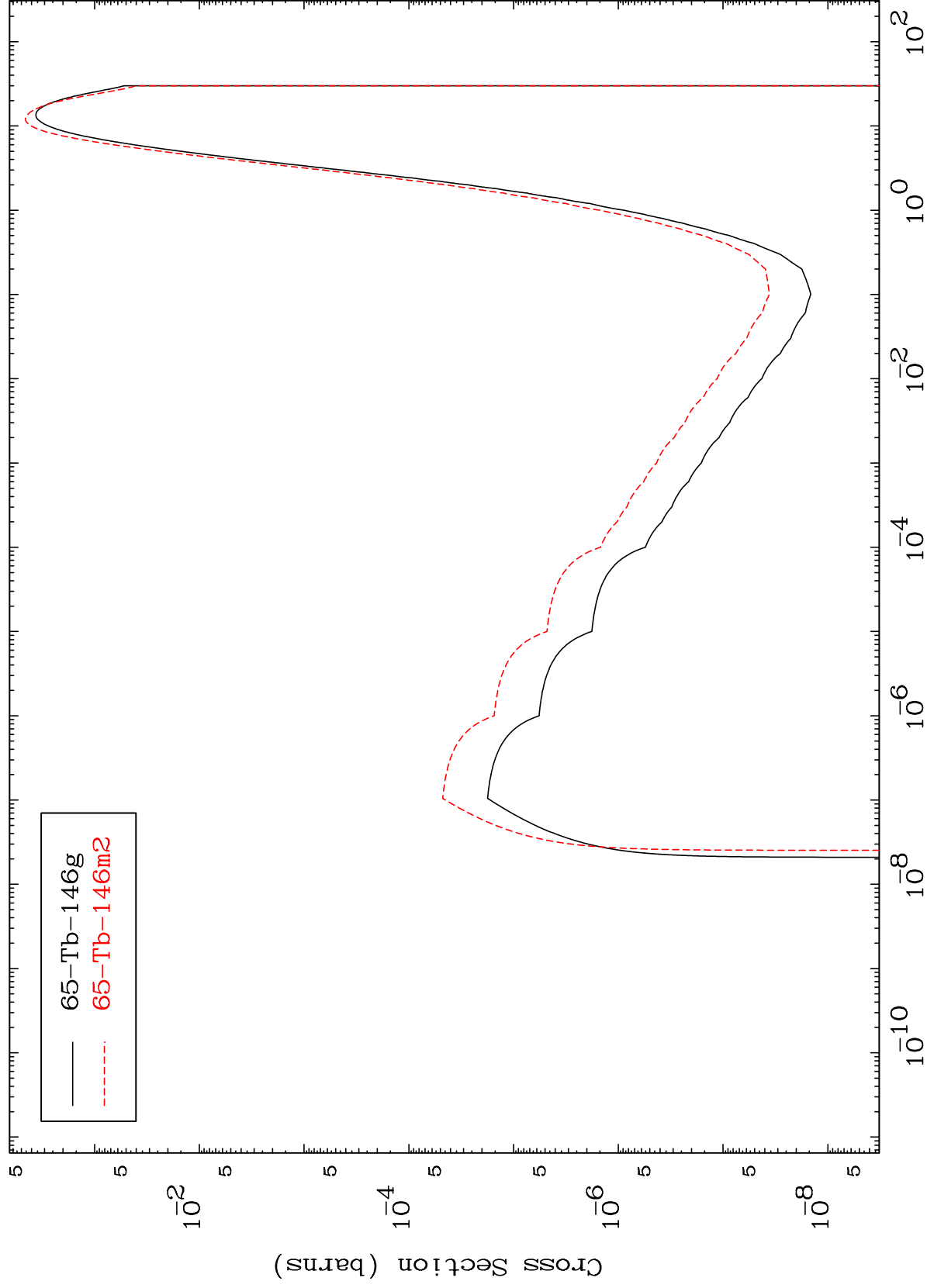
67-Ho-147

44

MAT 6671

67-Ho-147

(n,2p)
Radionuclide Production Cross Section



45

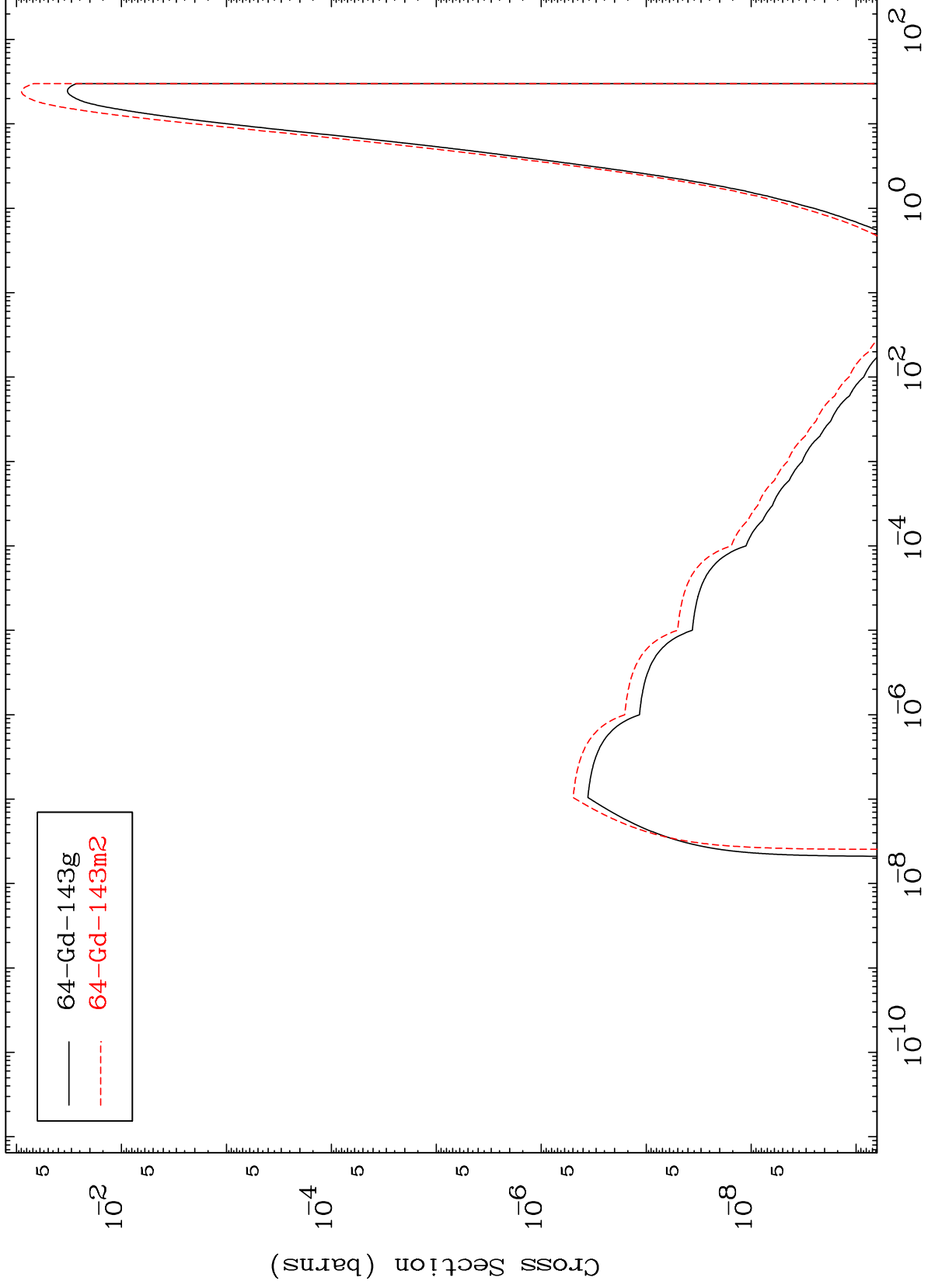
67-Ho-147

MAT 6671

(n,p) α

$^{67}\text{Ho-147}$

Radionuclide Production Cross Section



— 64-Gd-143g
- - - 64-Gd-143m2

46

Incident Energy (MeV)

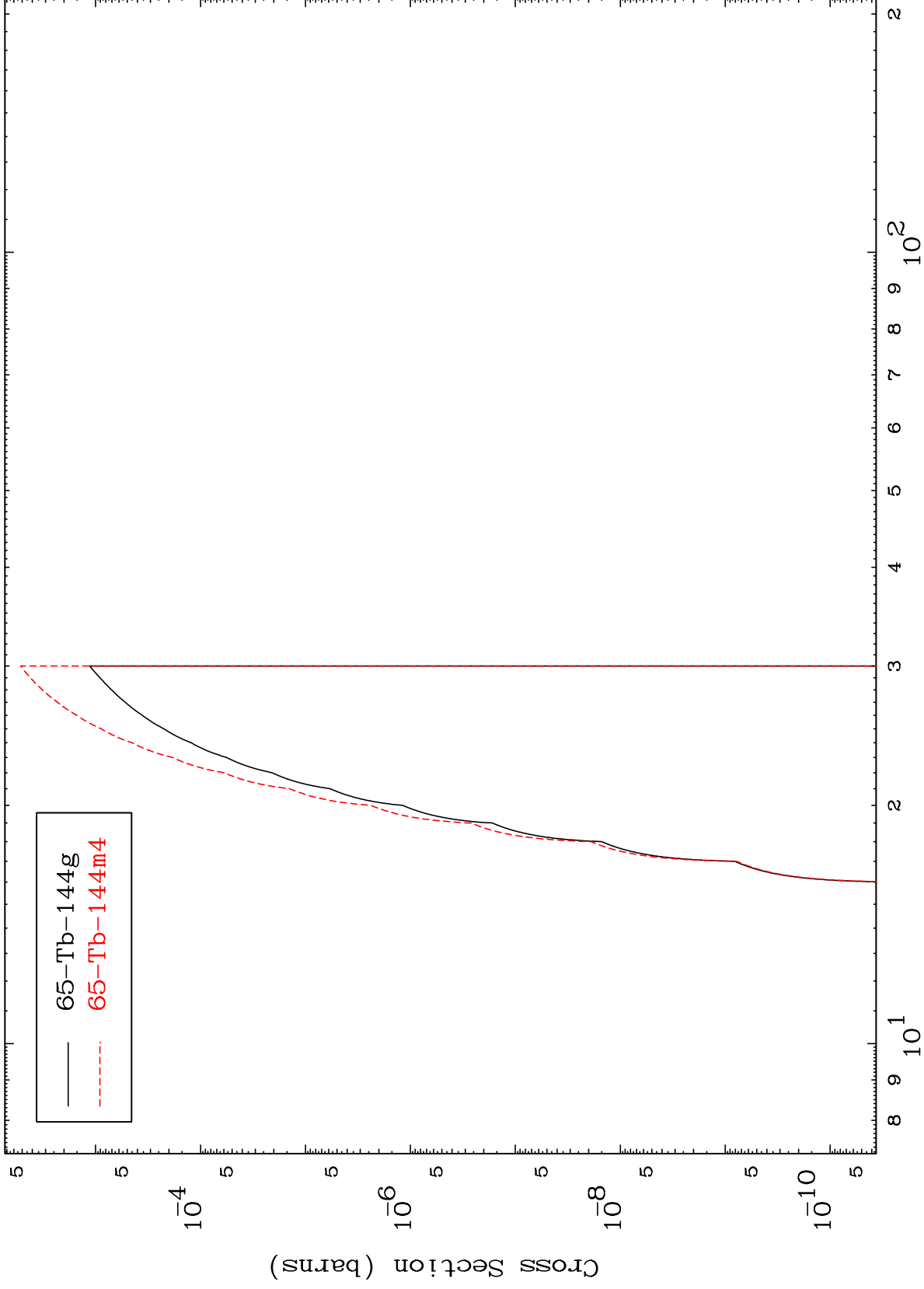
$^{67}\text{Ho-147}$

MAT 6671

(n,p) t

67-Ho-147

Radionuclide Production Cross Section



47

Incident Energy (MeV)

67-Ho-147