

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

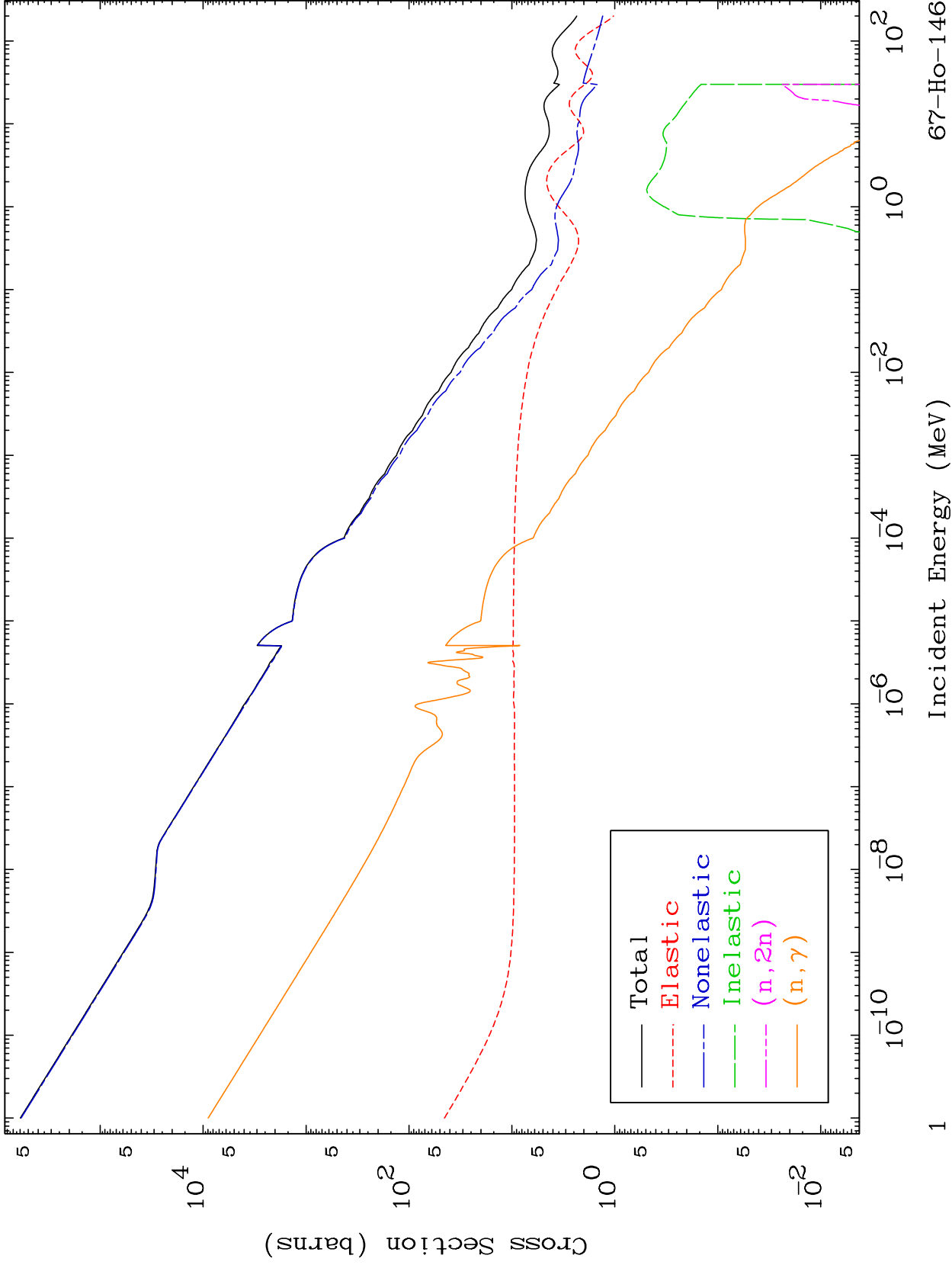
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6668

Neutron Major
293 Kelvin Cross Sections

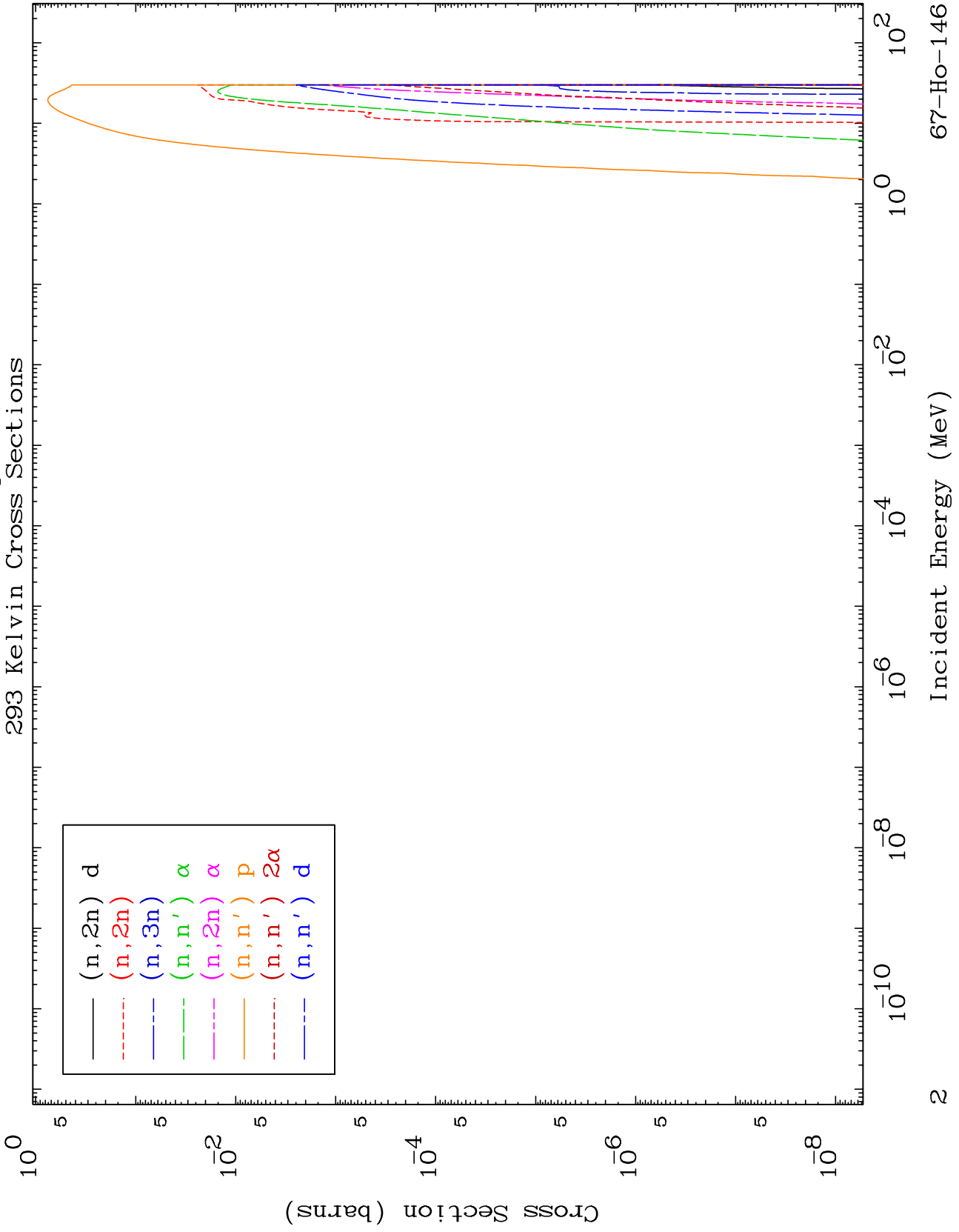
67-Ho-146

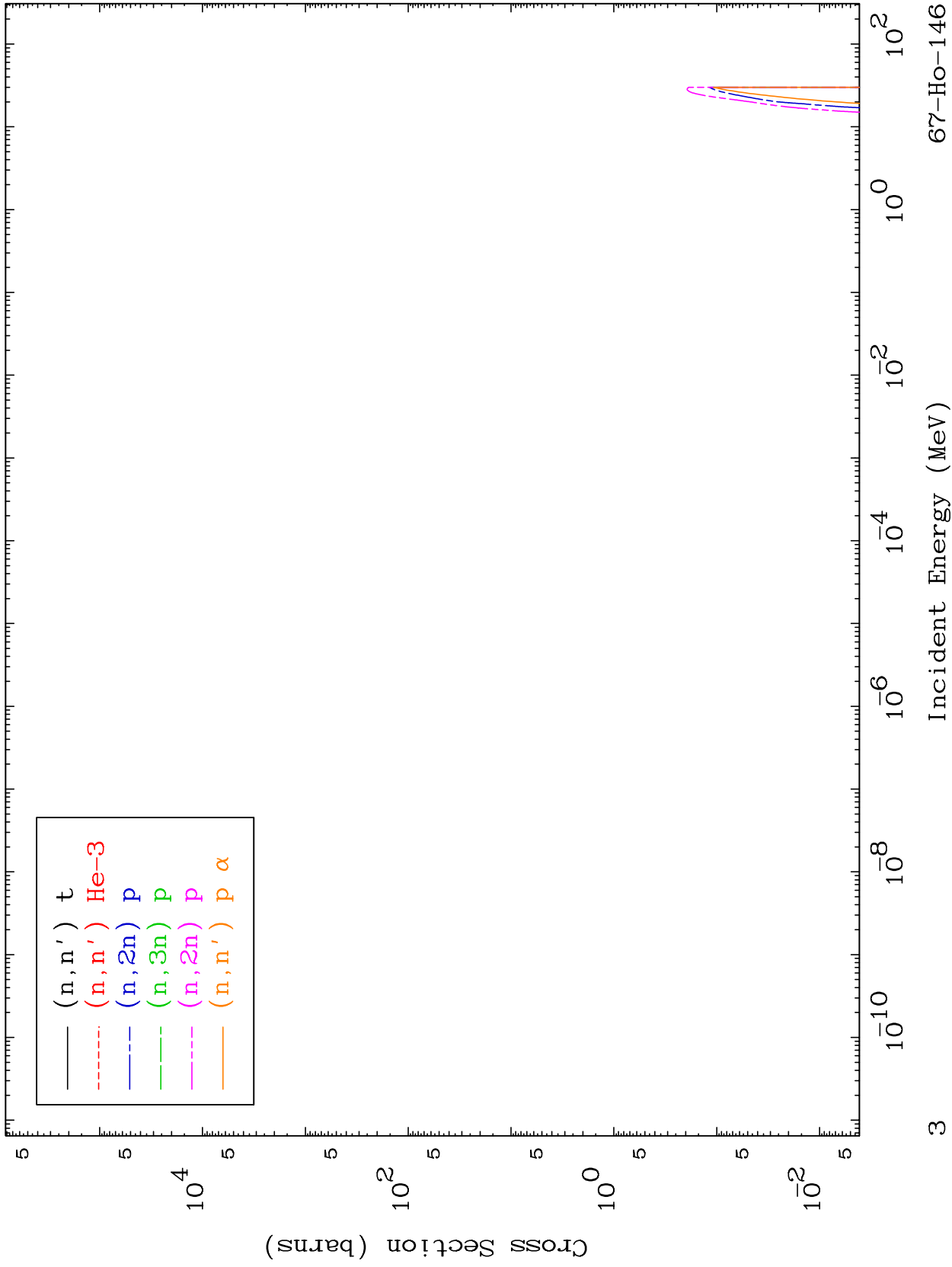


MAT 6668

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-146

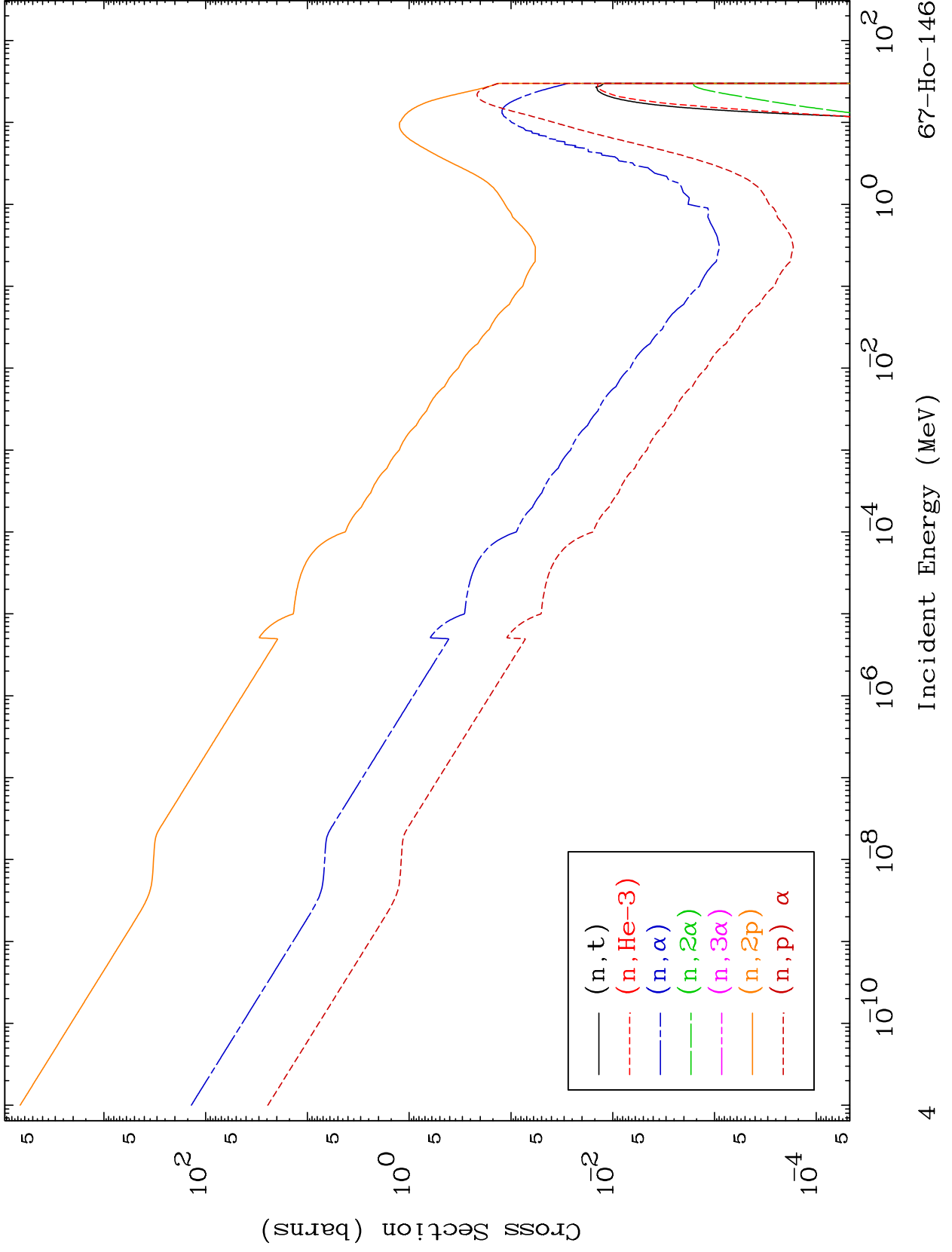




MAT 6668

Neutron Absorption
293 Kelvin Cross Sections

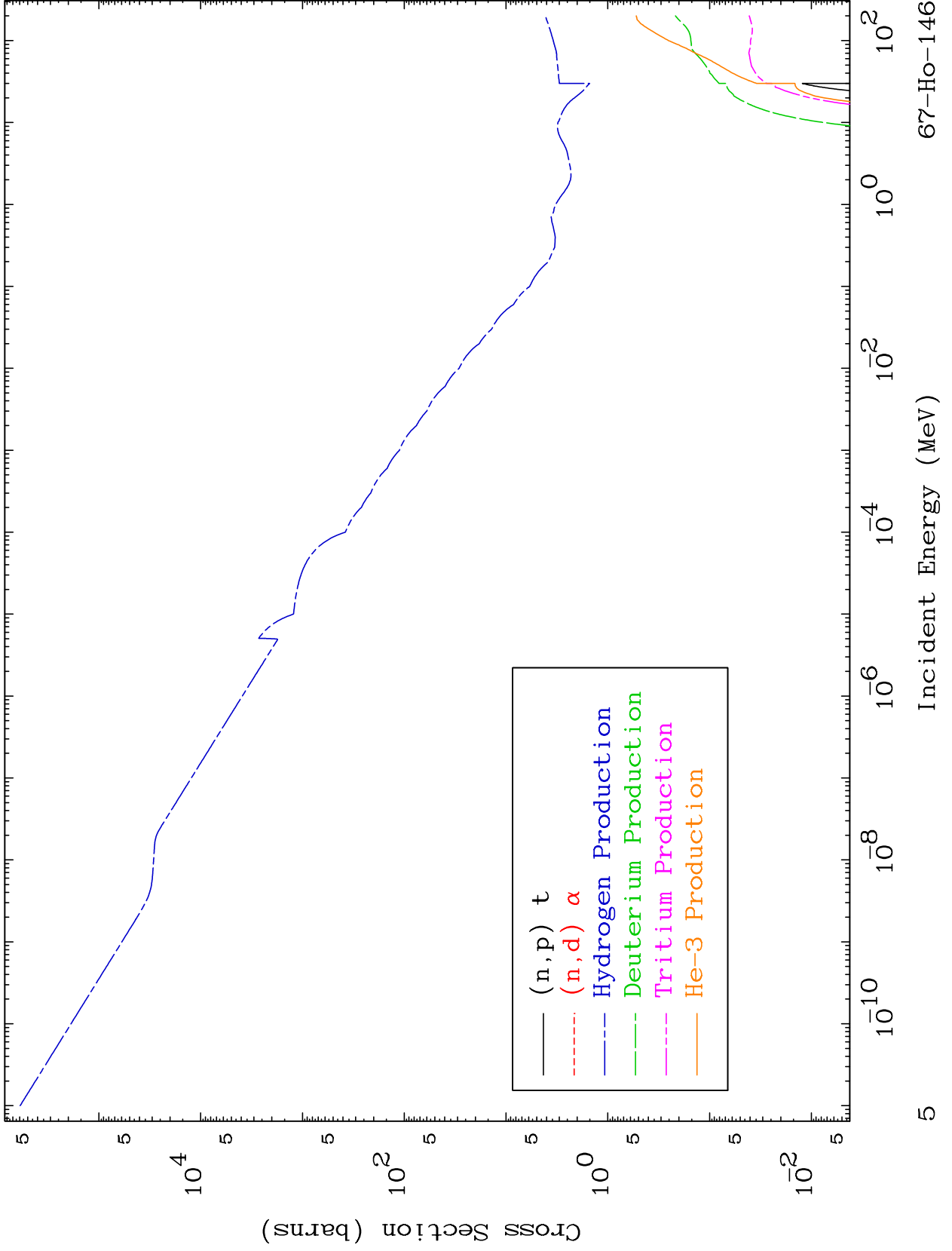
67-Ho-146



MAT 6668

Neutron Absorption
293 Kelvin Cross Sections

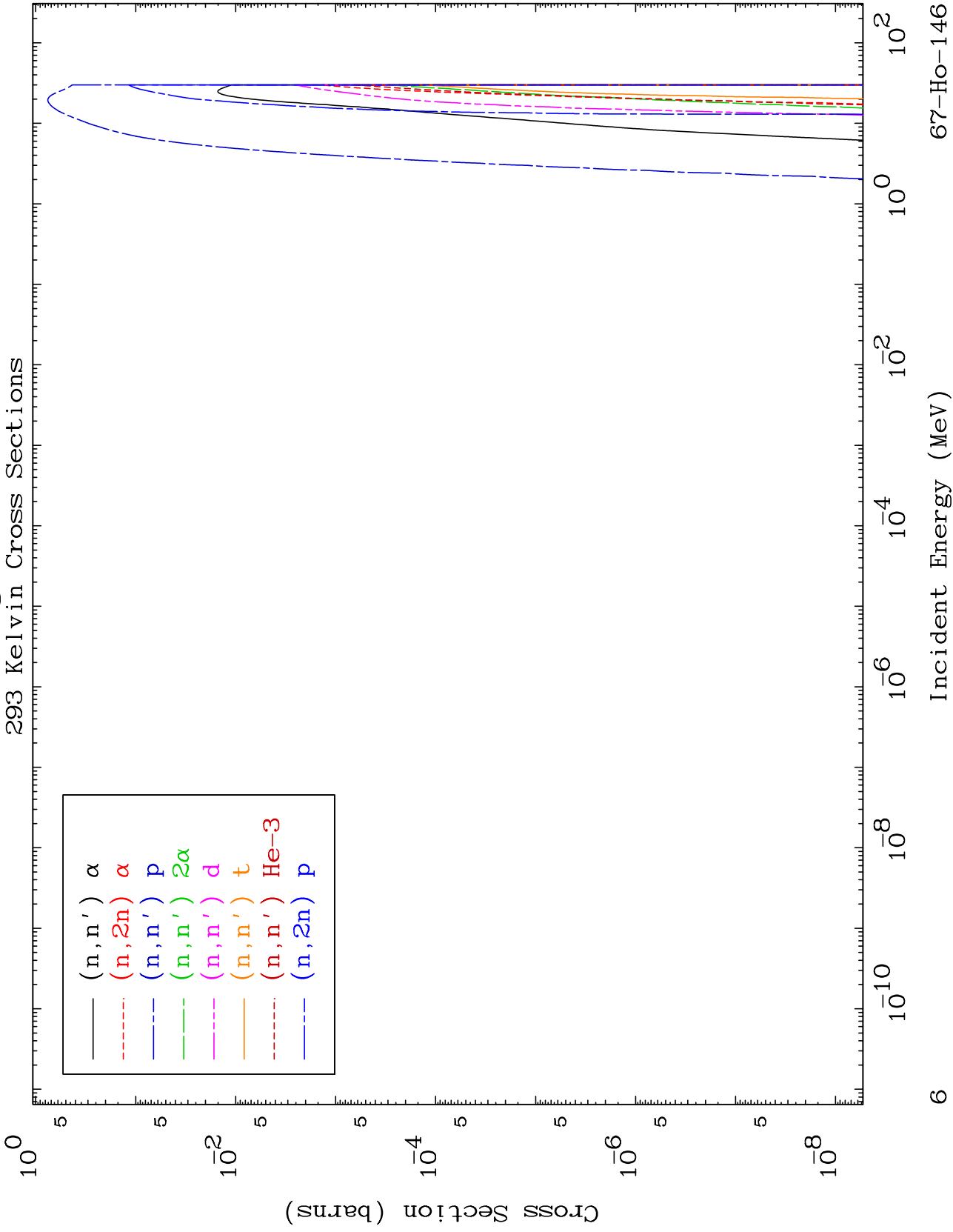
67-Ho-146



MAT 6668

Charged Particle
293 Kelvin Cross Sections

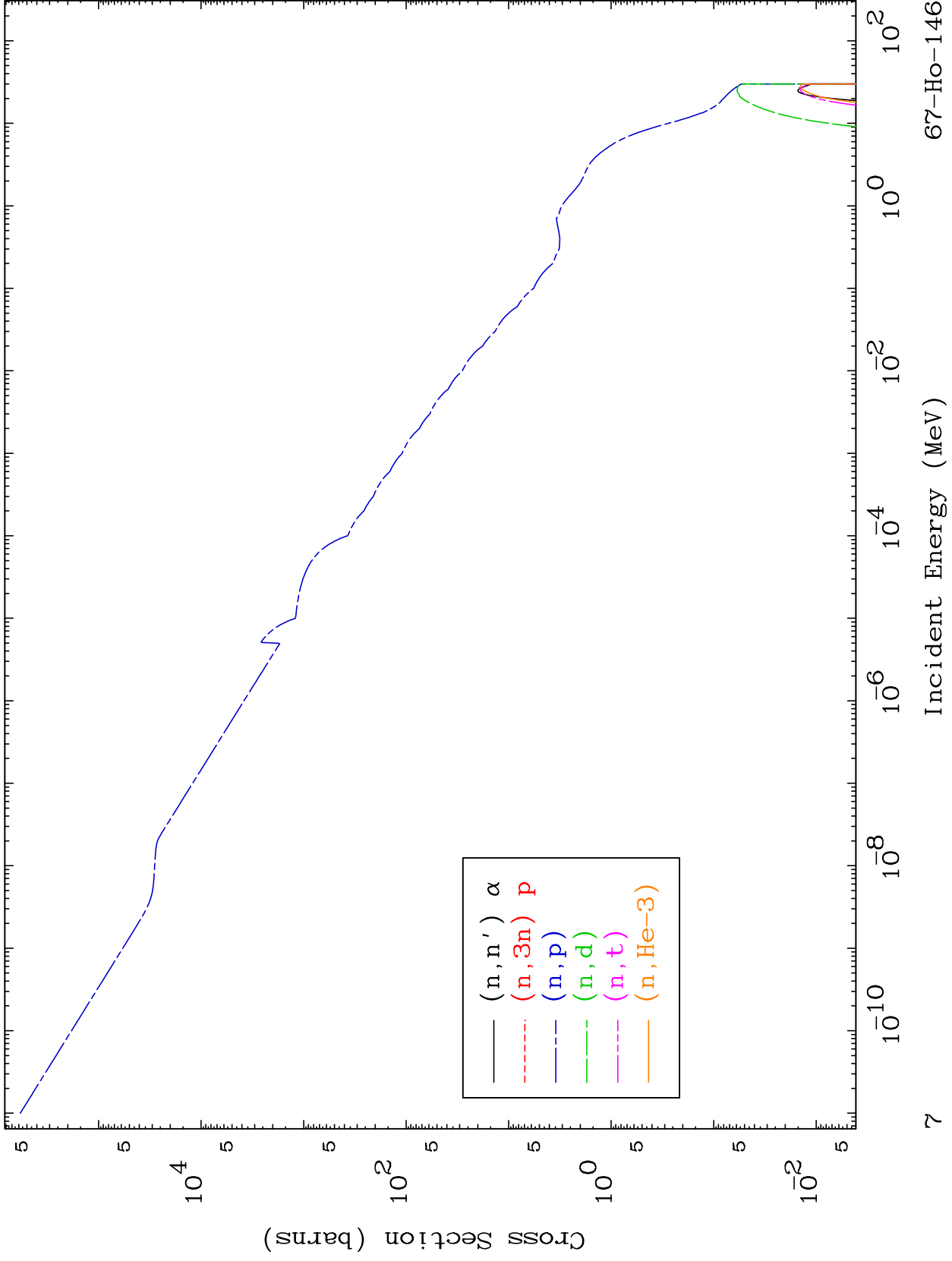
67-Ho-146



MAT 6668

Charged Particle
293 Kelvin Cross Sections

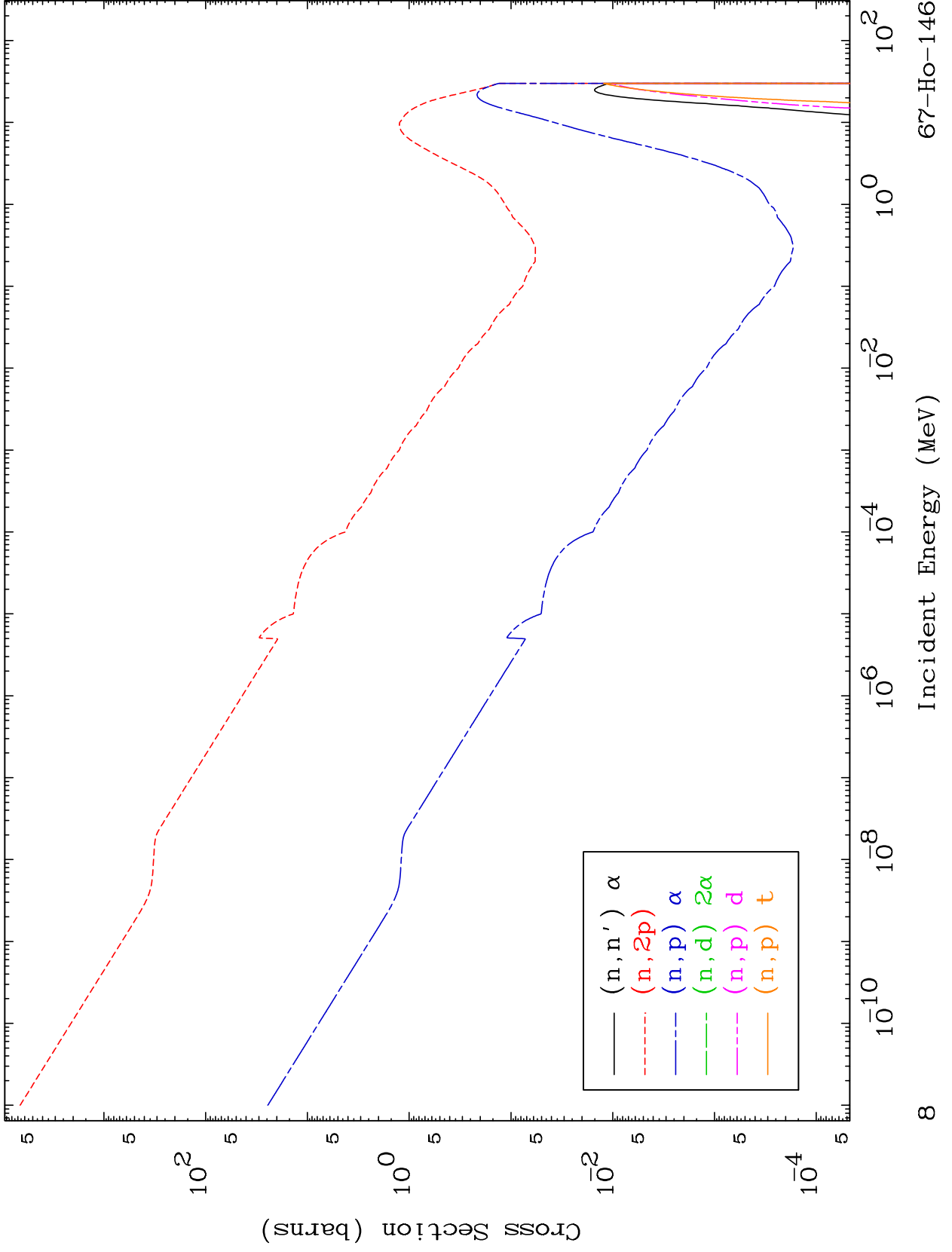
67-Ho-146



MAT 6668

Charged Particle
293 Kelvin Cross Sections

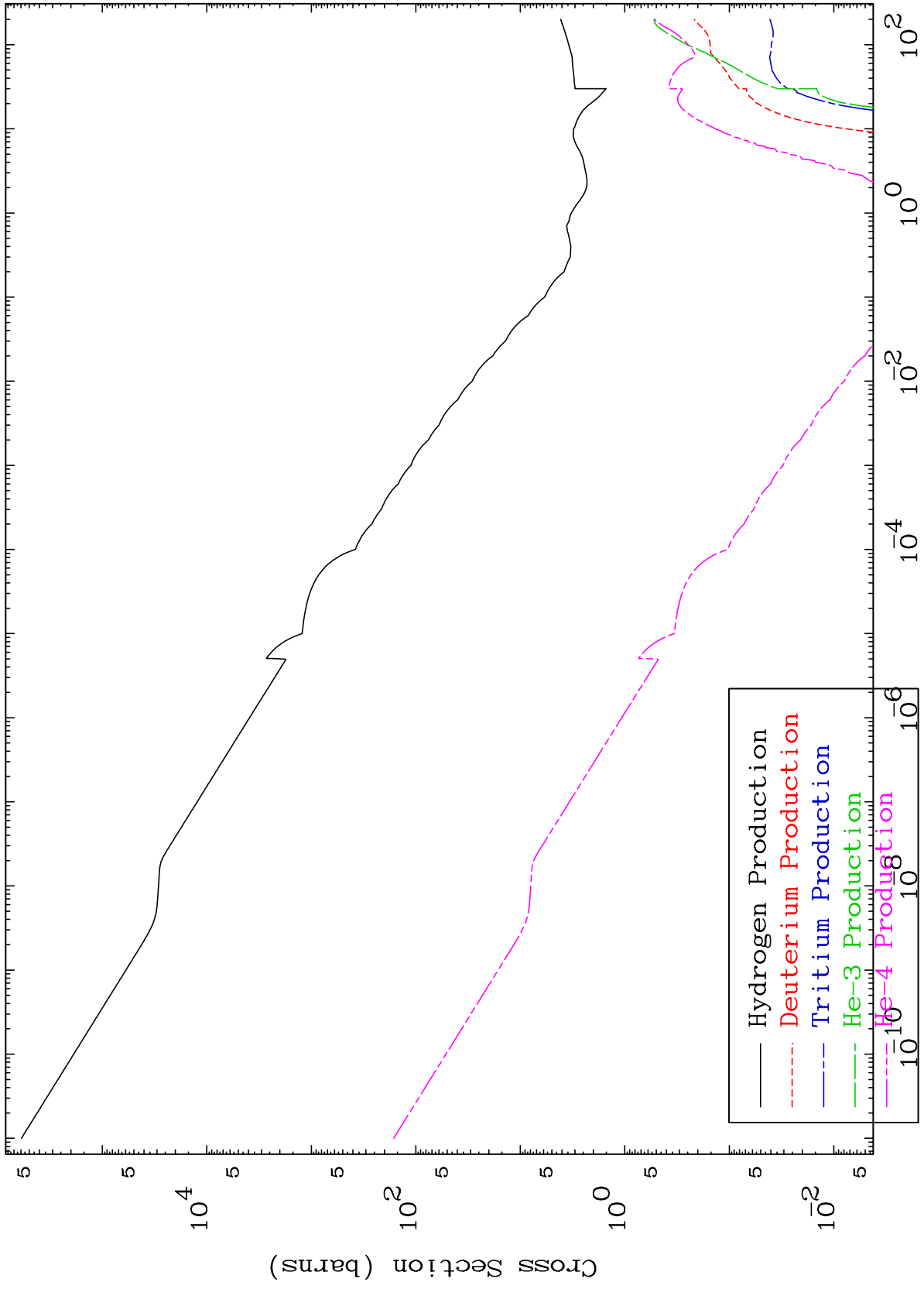
67-Ho-146



MAT 6668

Particle Production
293 Kelvin Cross Sections

67-Ho-146

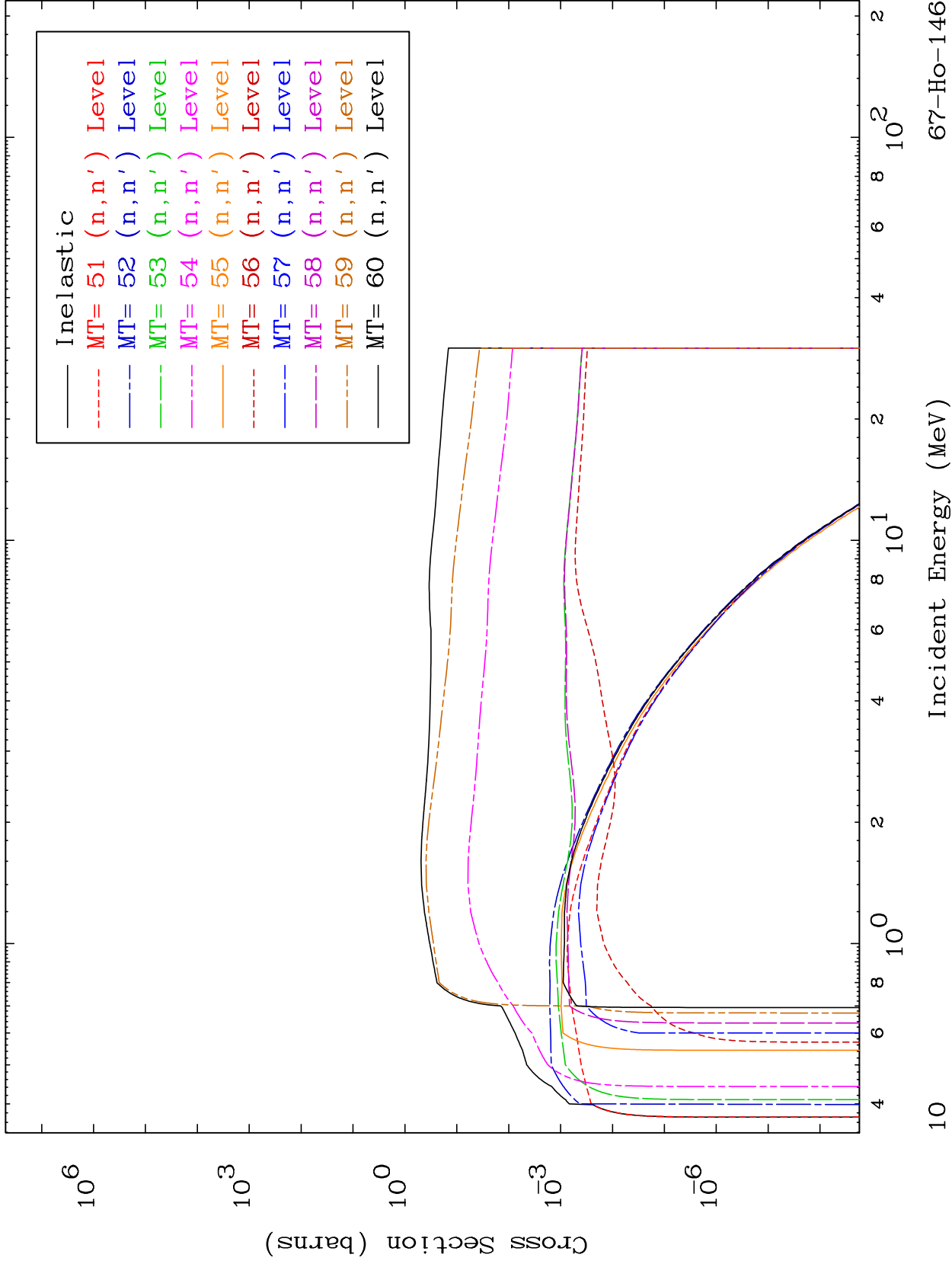


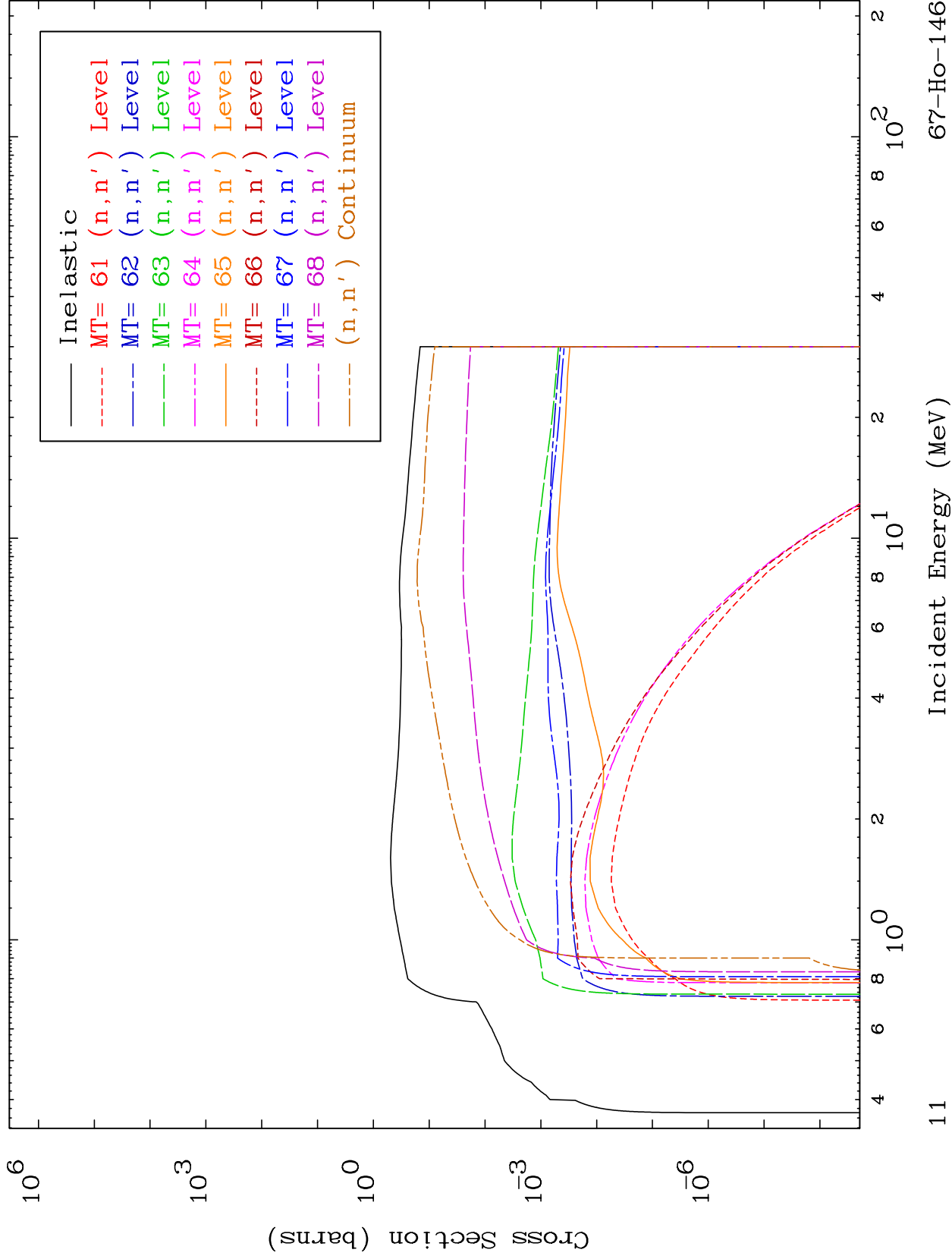
MAT 6668

(n,n') Levels

67-Ho-146

293 Kelvin Cross Sections

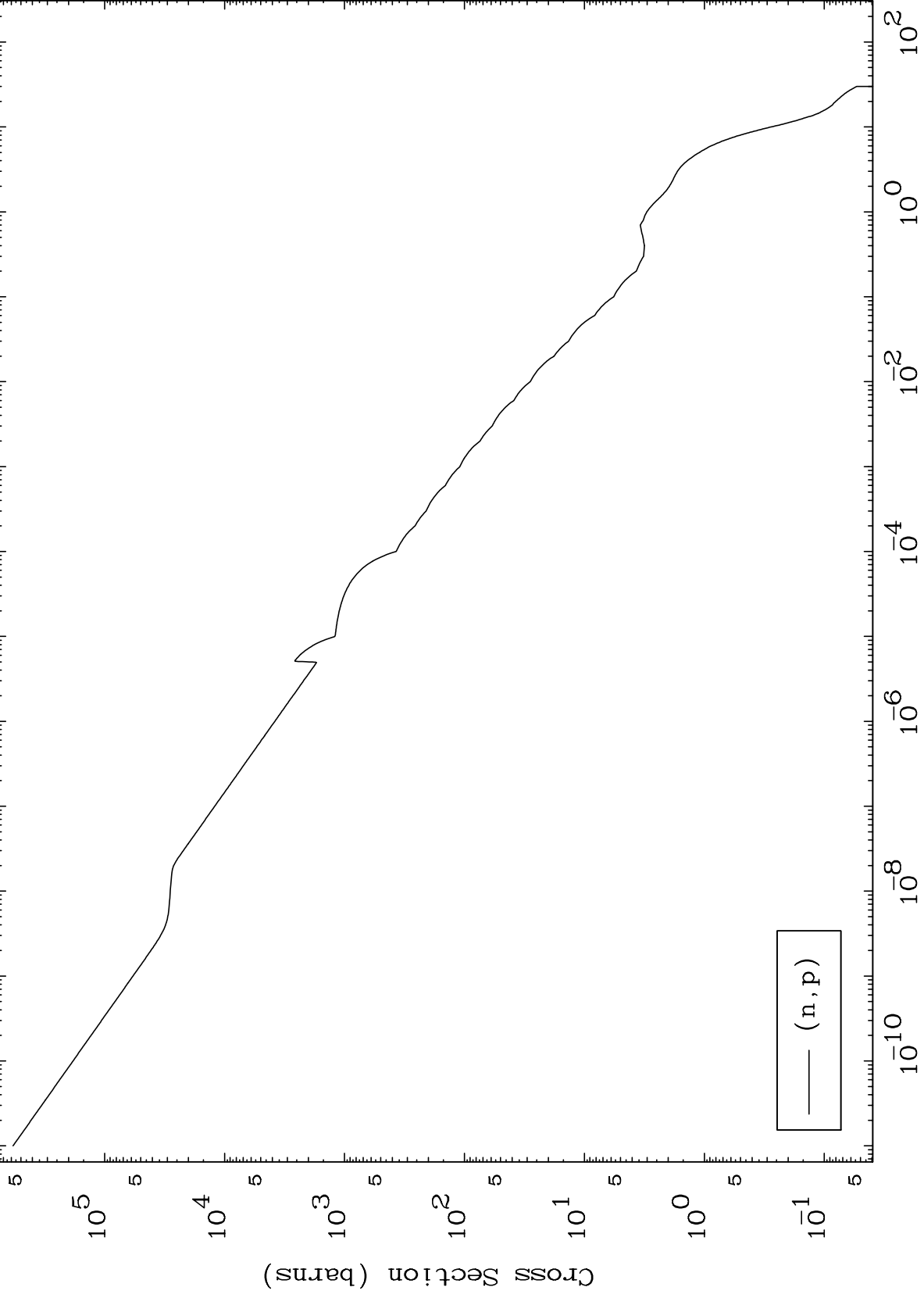




MAT 6668

(n,p) Levels
293 Kelvin Cross Sections

67-Ho-146



12

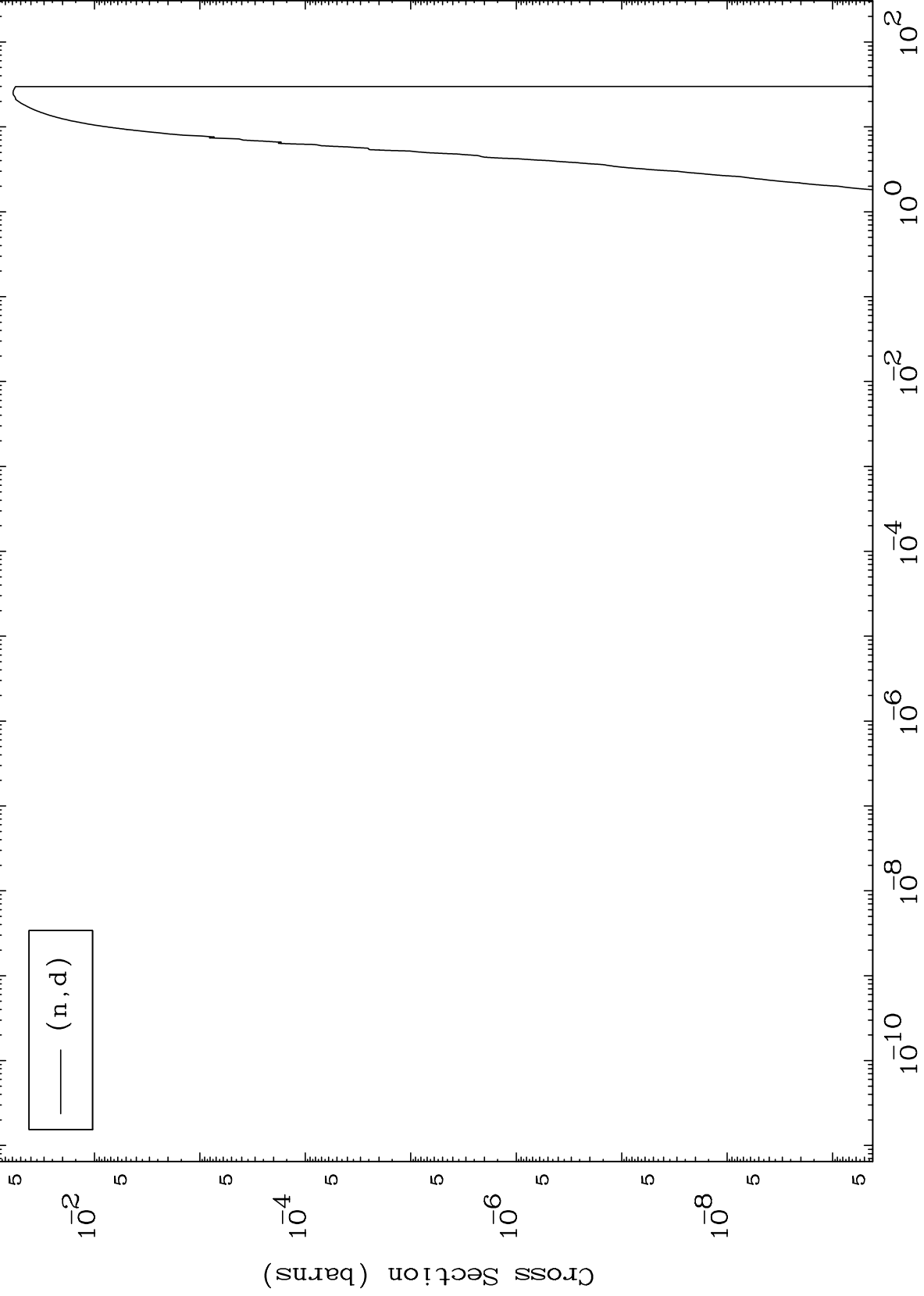
Incident Energy (MeV)

67-Ho-146

MAT 6668

(n,d) Levels
293 Kelvin Cross Sections

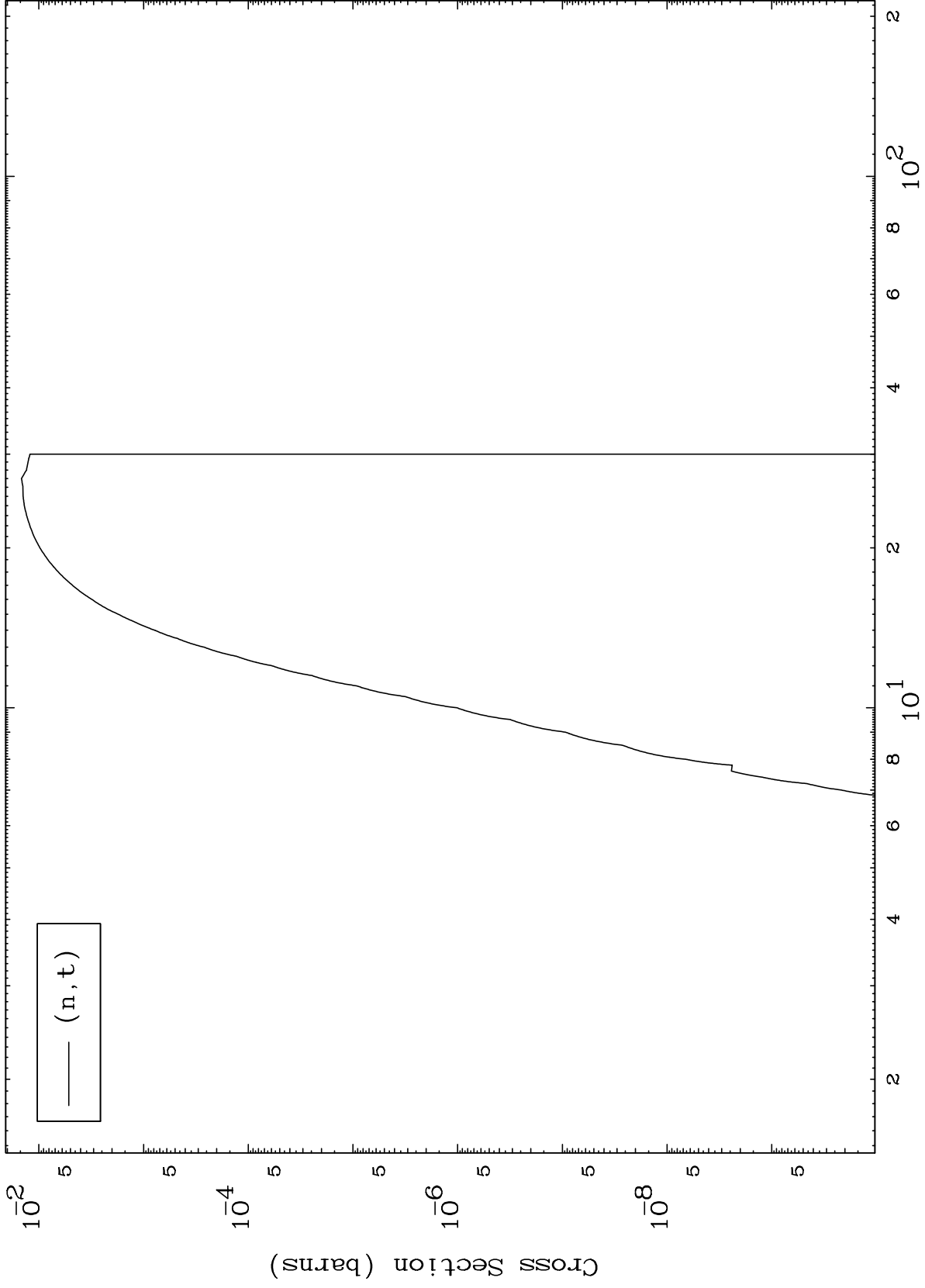
67-Ho-146



MAT 6668

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-146



(n,t)

14

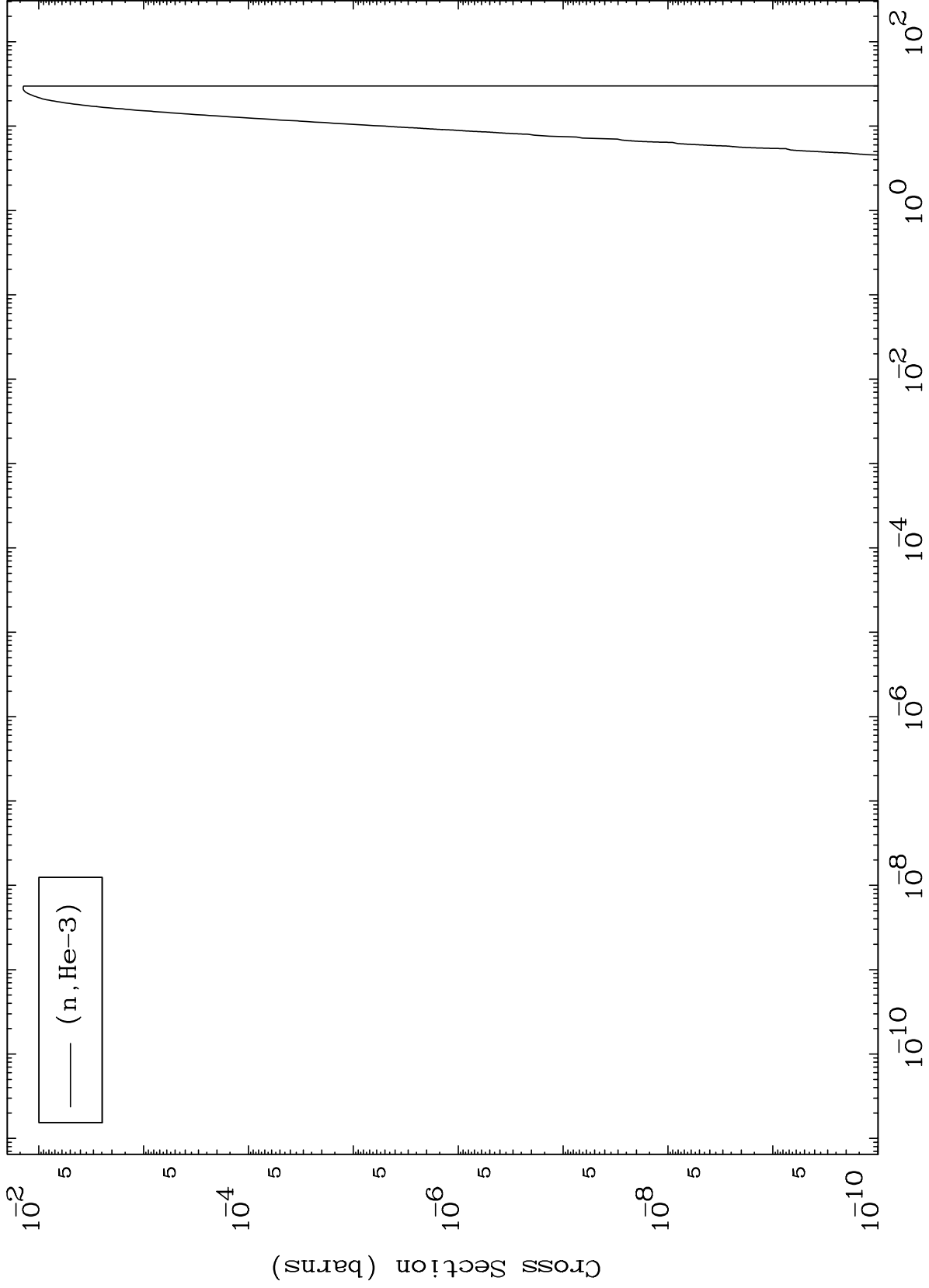
Incident Energy (MeV)

67-Ho-146

MAT 6668

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-146

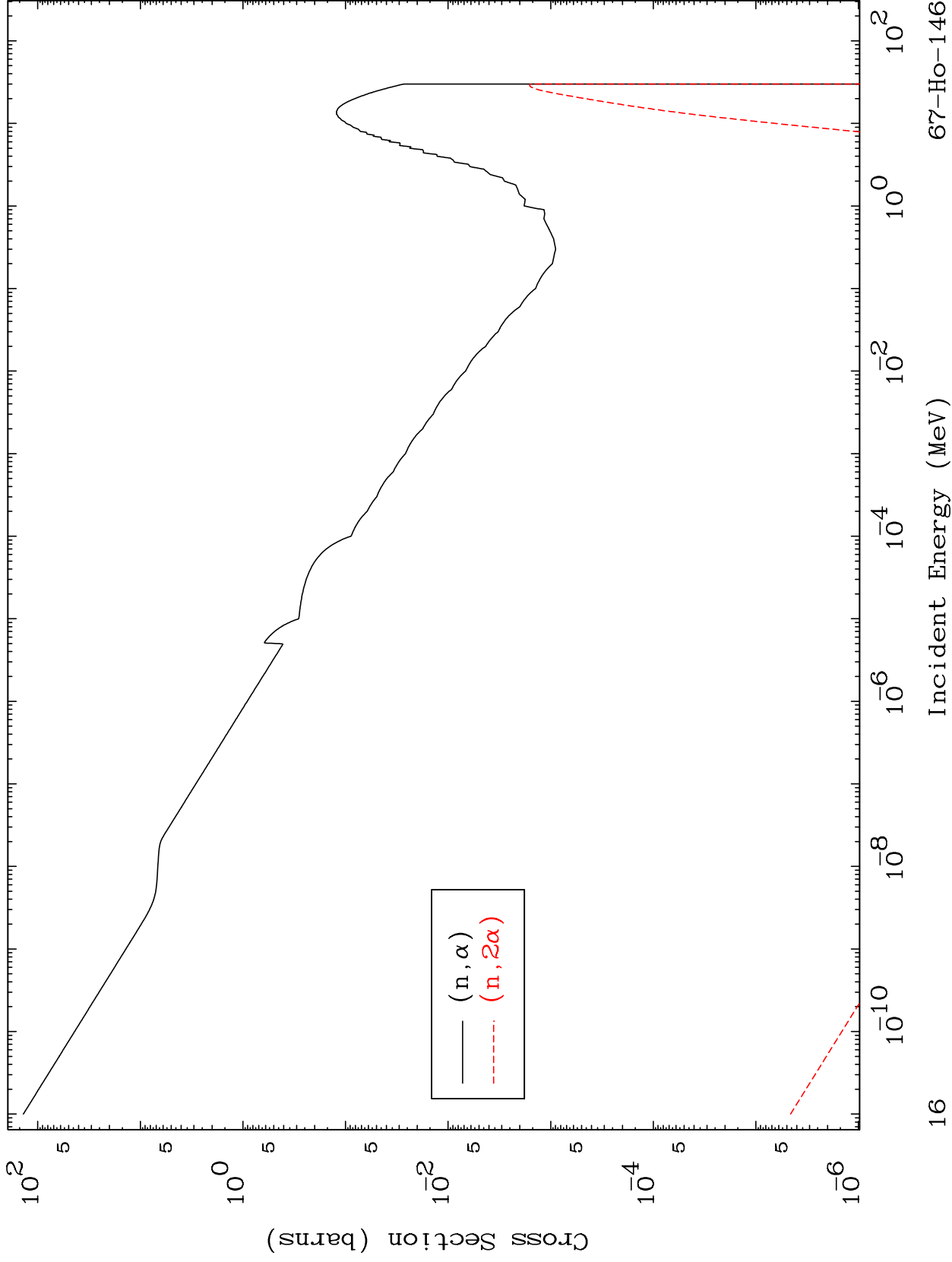


(n, He-3)

MAT 6668

(n,α) Levels
293 Kelvin Cross Sections

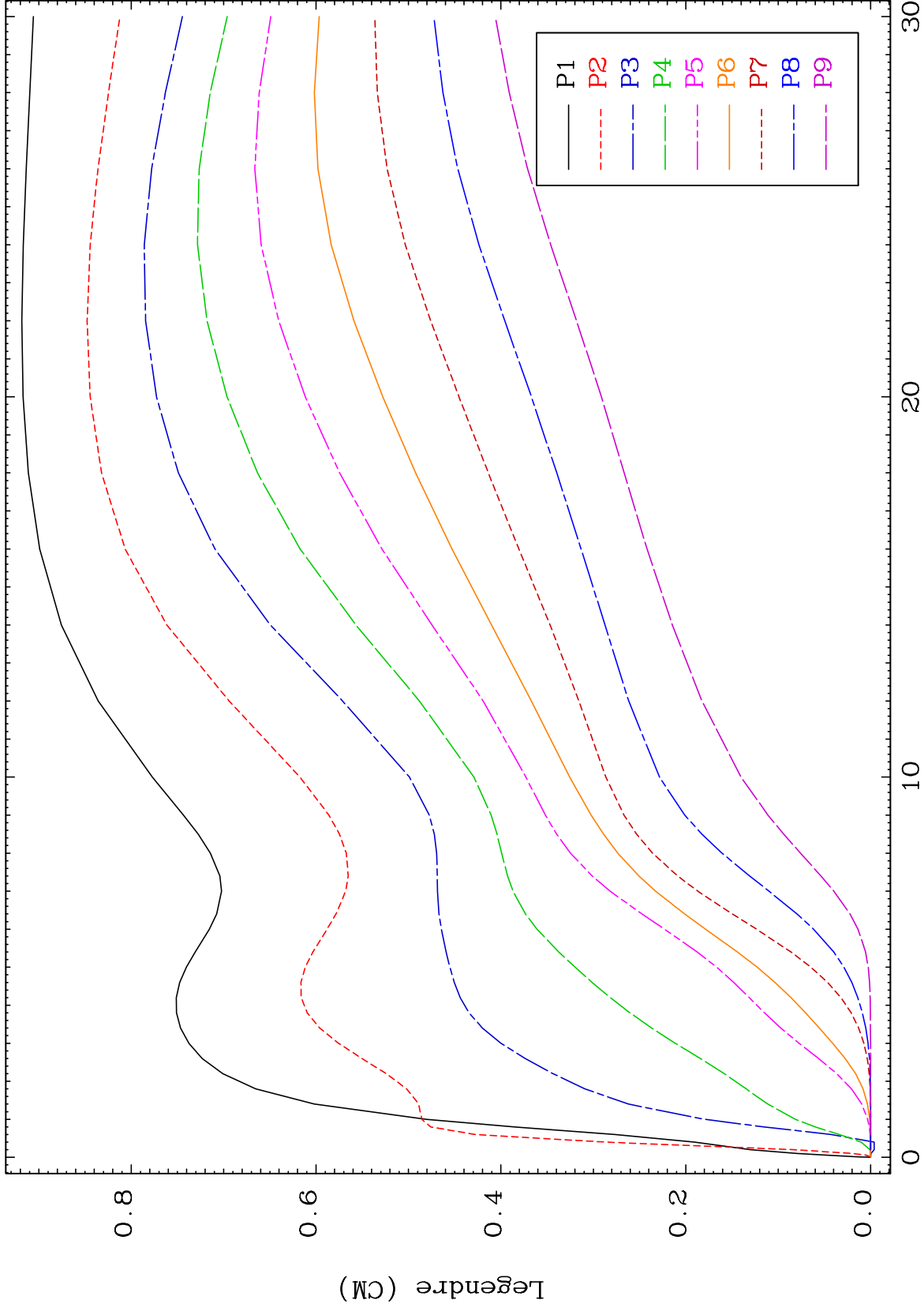
67-Ho-146



MAT 6668

67-Ho-146

Elastic Legendre Coefficients



17

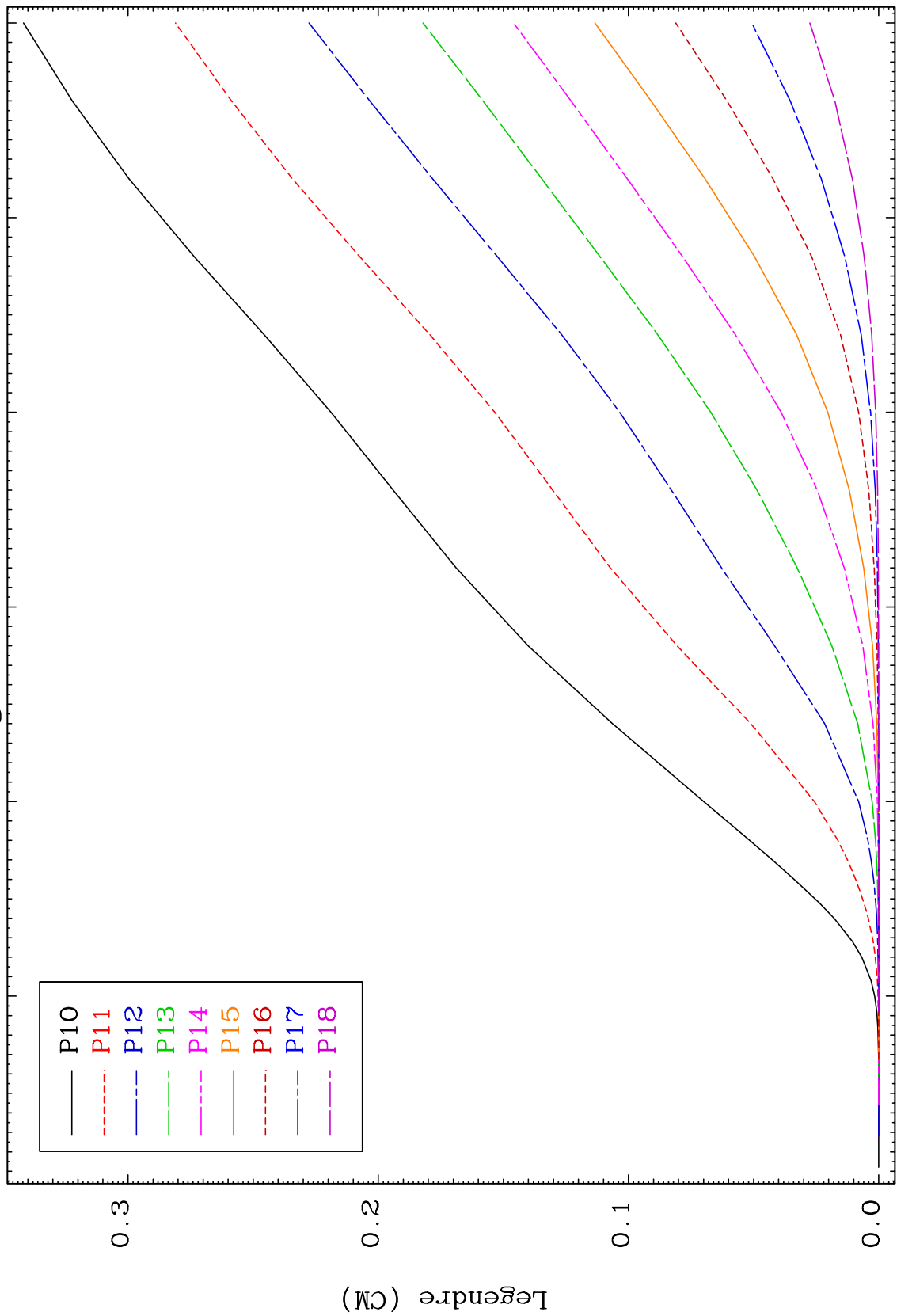
Incident Energy (MeV)

67-Ho-146

MAT 6668

Elastic Legendre Coefficients

67-Ho-146



18

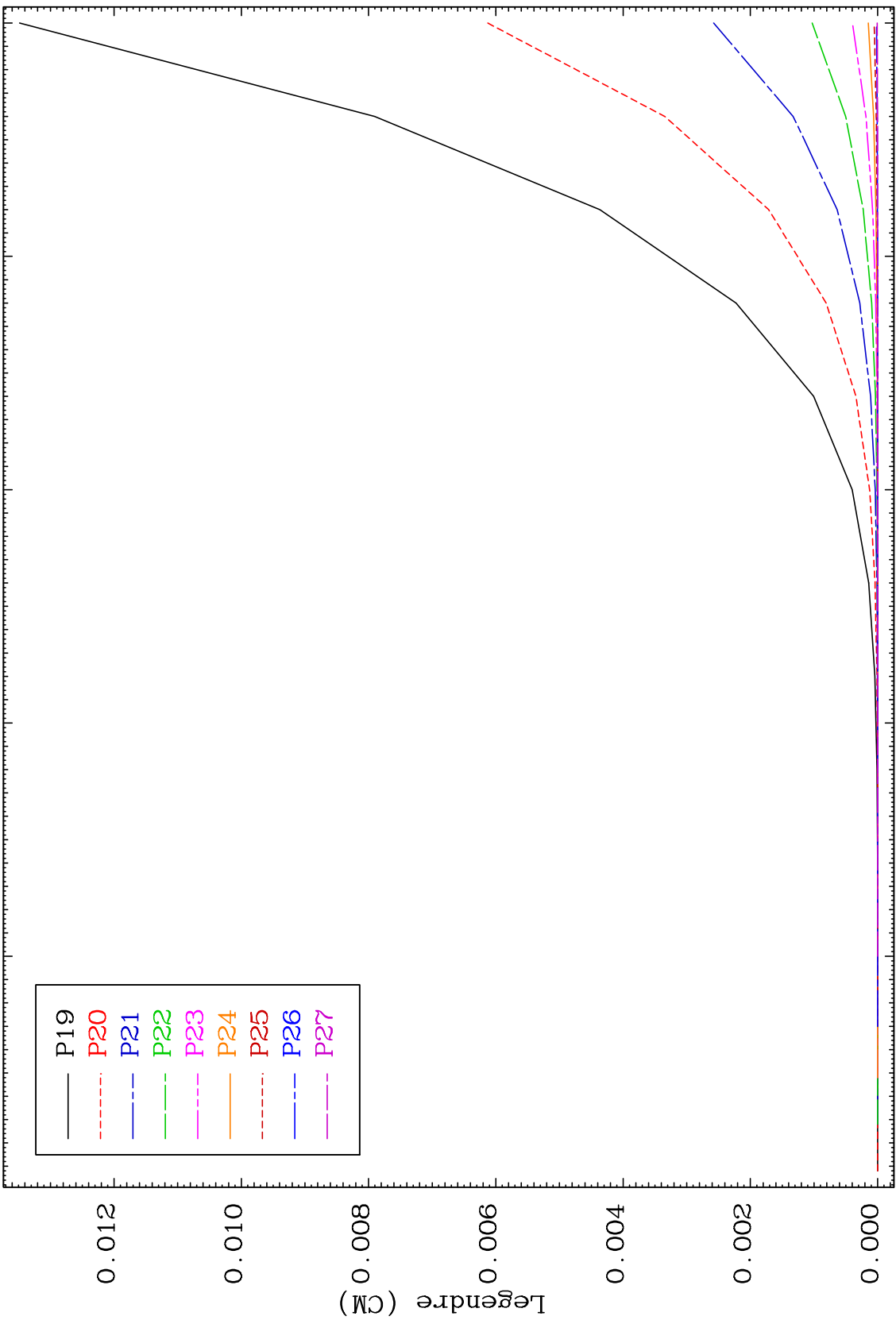
Incident Energy (MeV)

67-Ho-146

MAT 6668

Elastic Legendre Coefficients

67-Ho-146



19

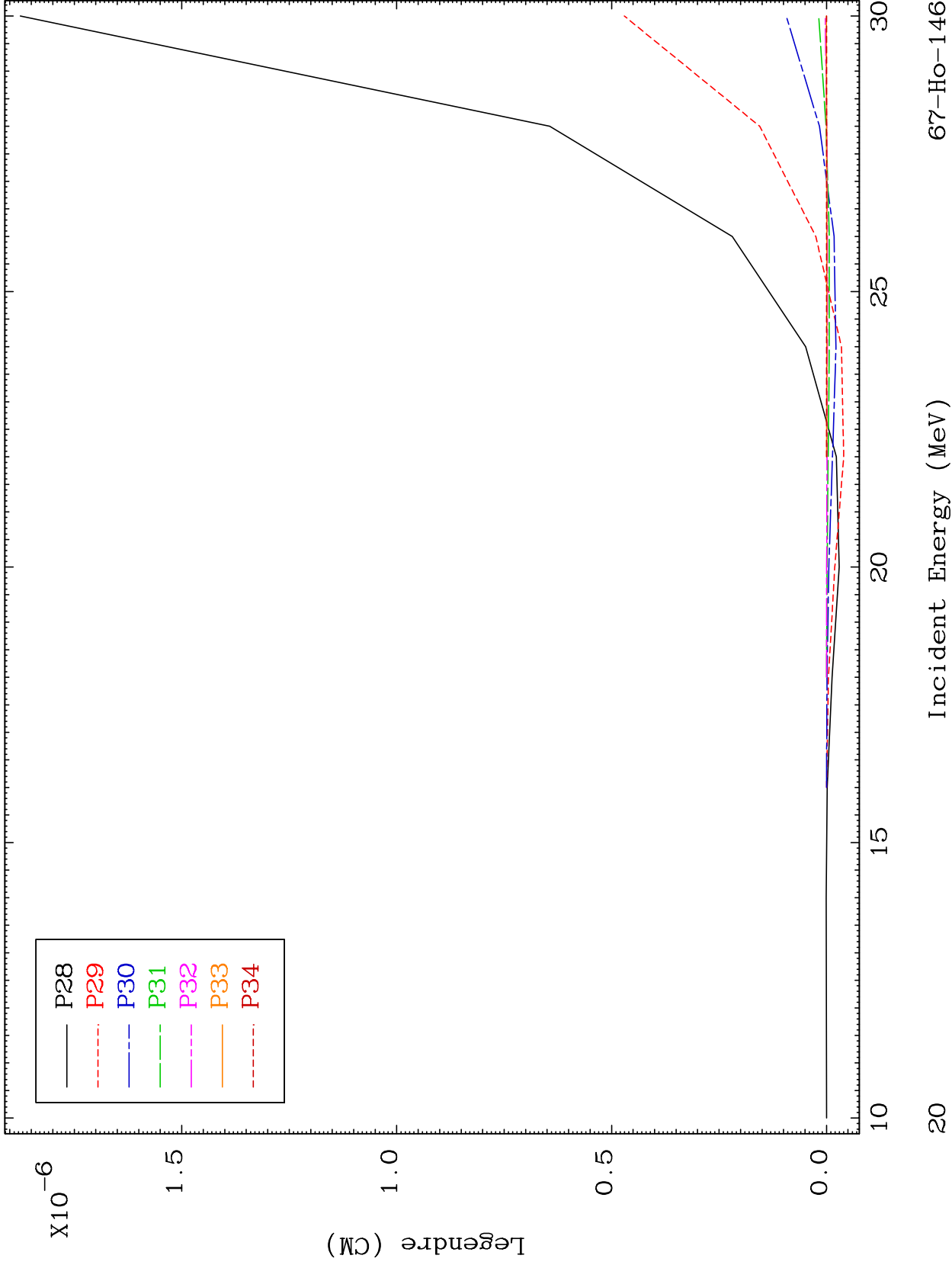
Incident Energy (MeV)

67-Ho-146

MAT 6668

Elastic Legendre Coefficients

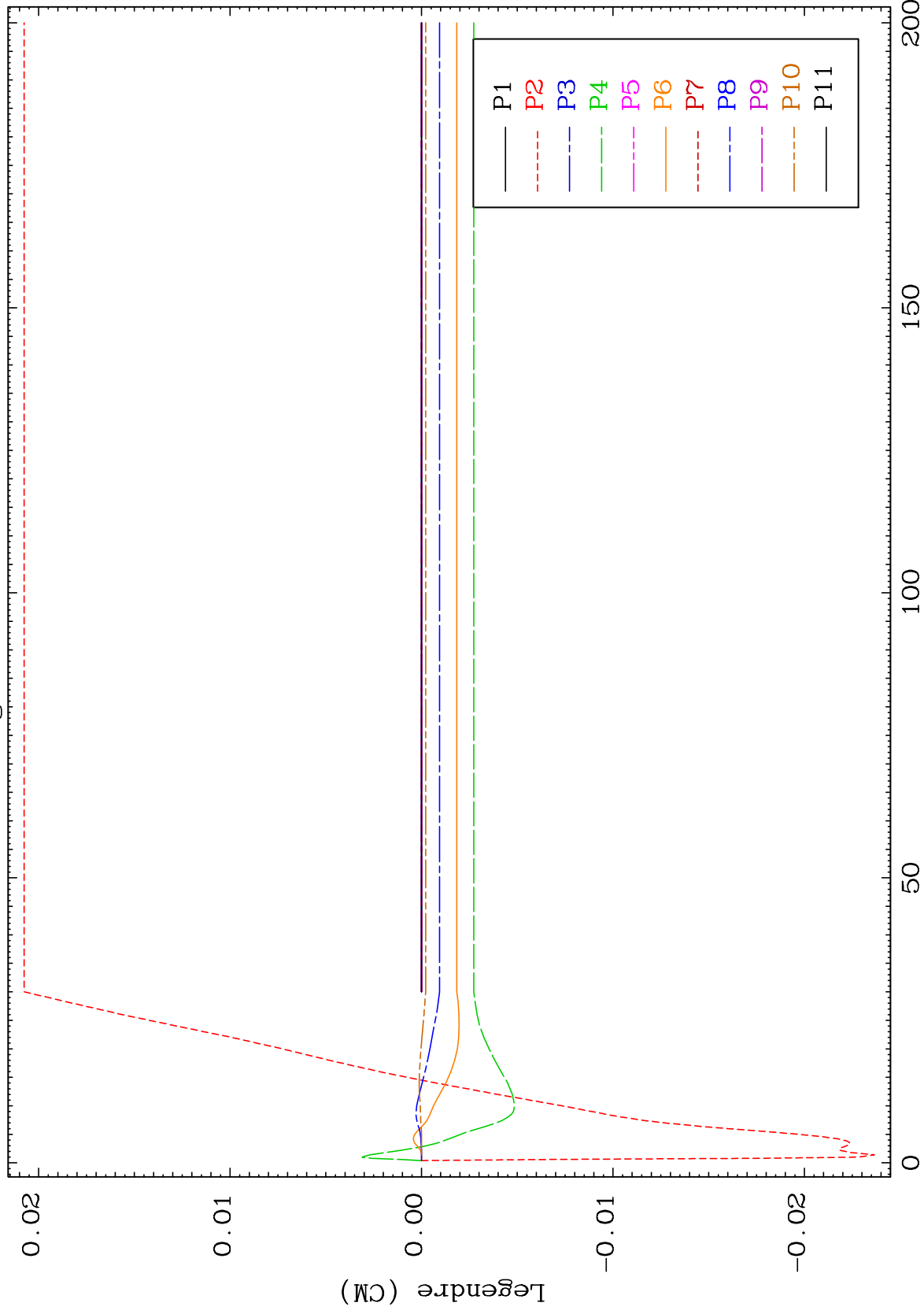
67-Ho-146



MAT 6668

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

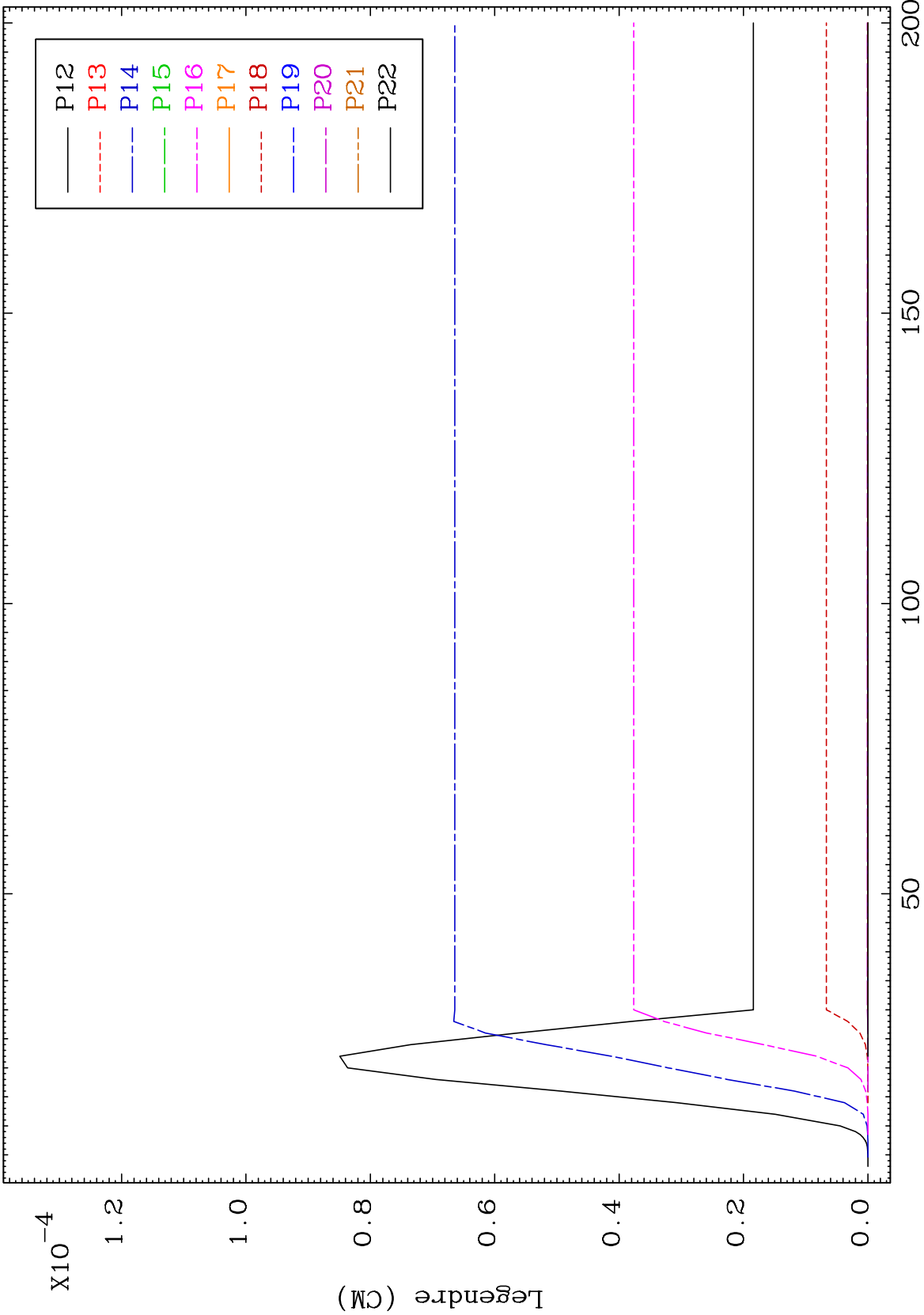
67-Ho-146



21

Incident Energy (MeV)

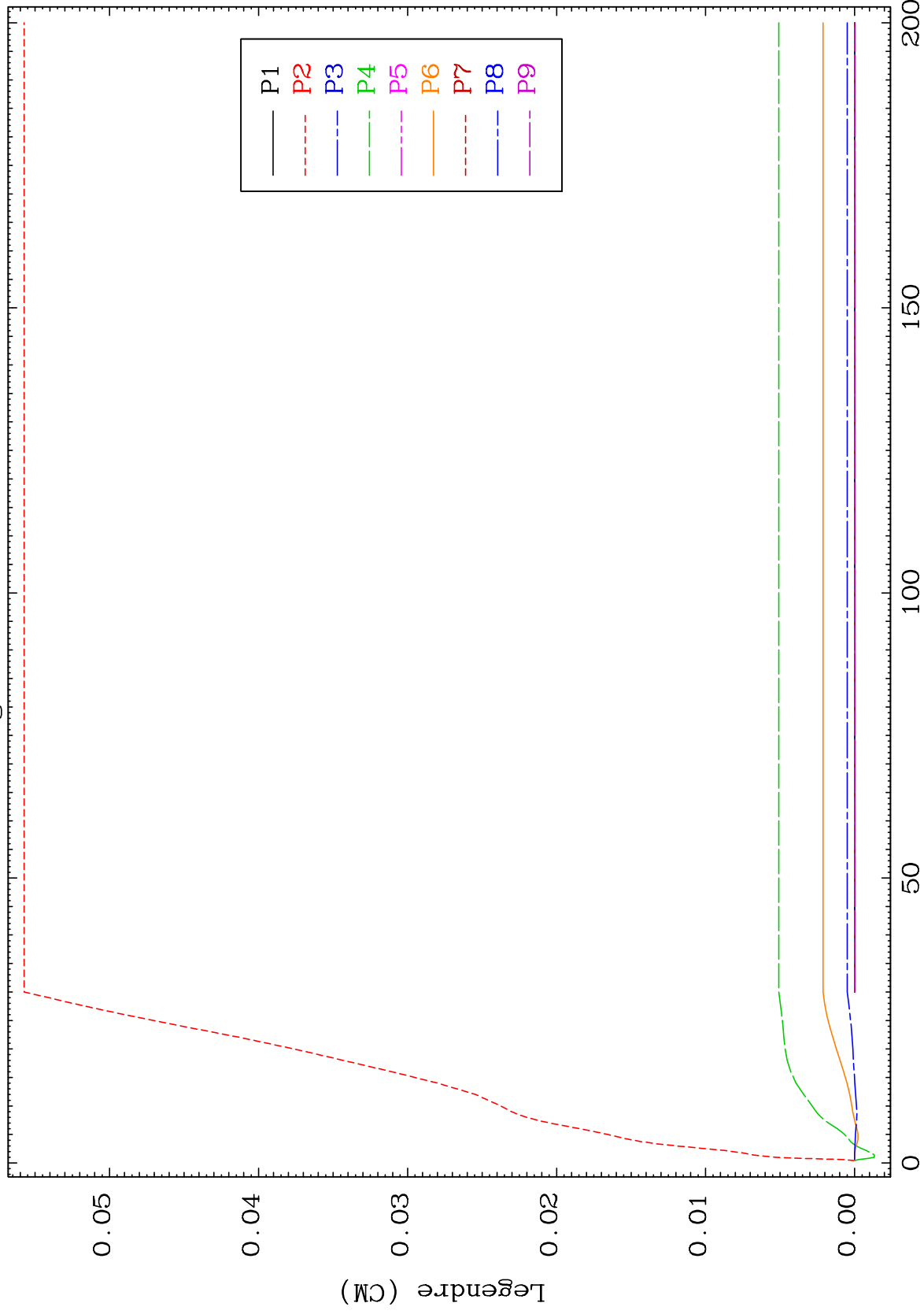
67-Ho-146



MAT 6668

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

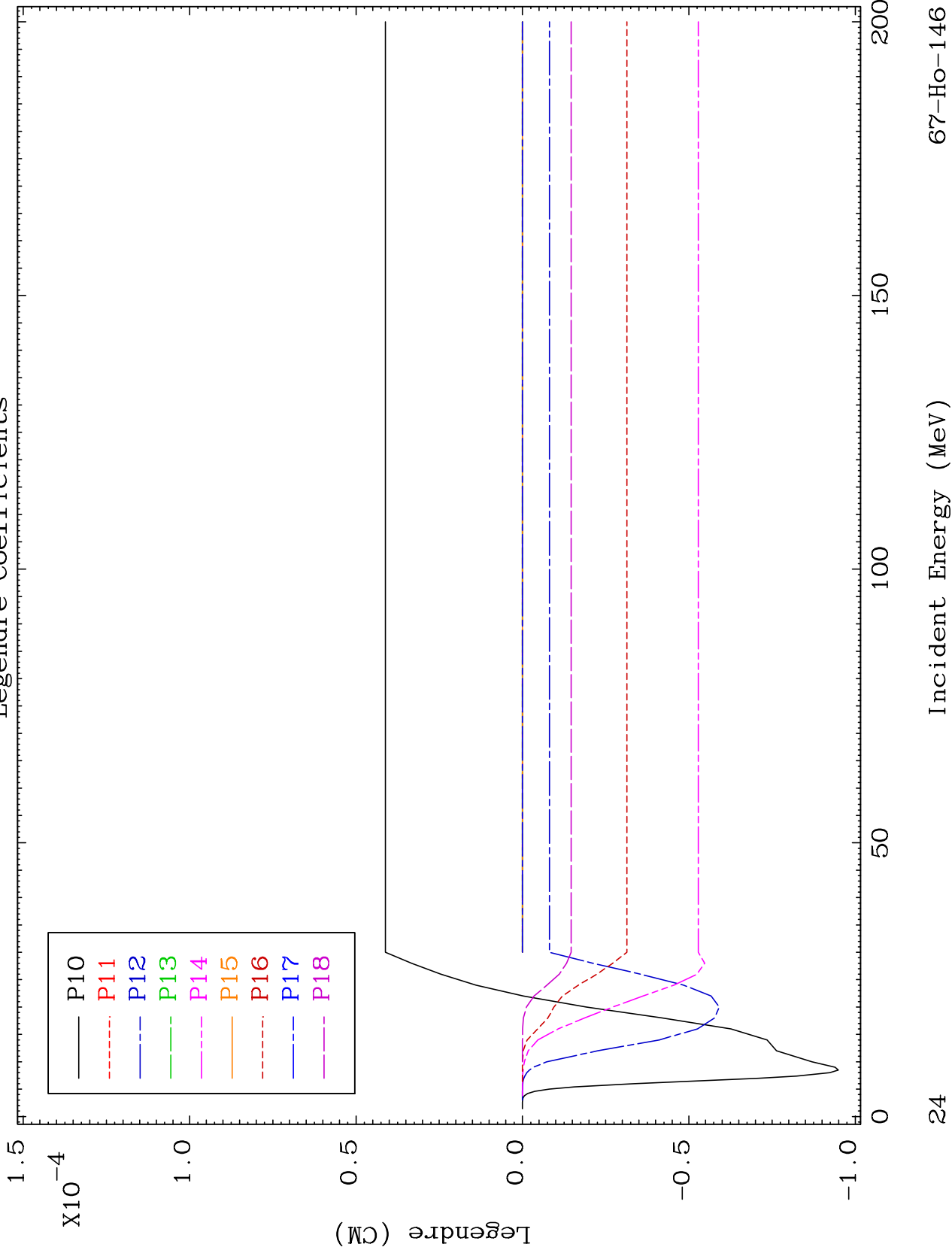
67-Ho-146

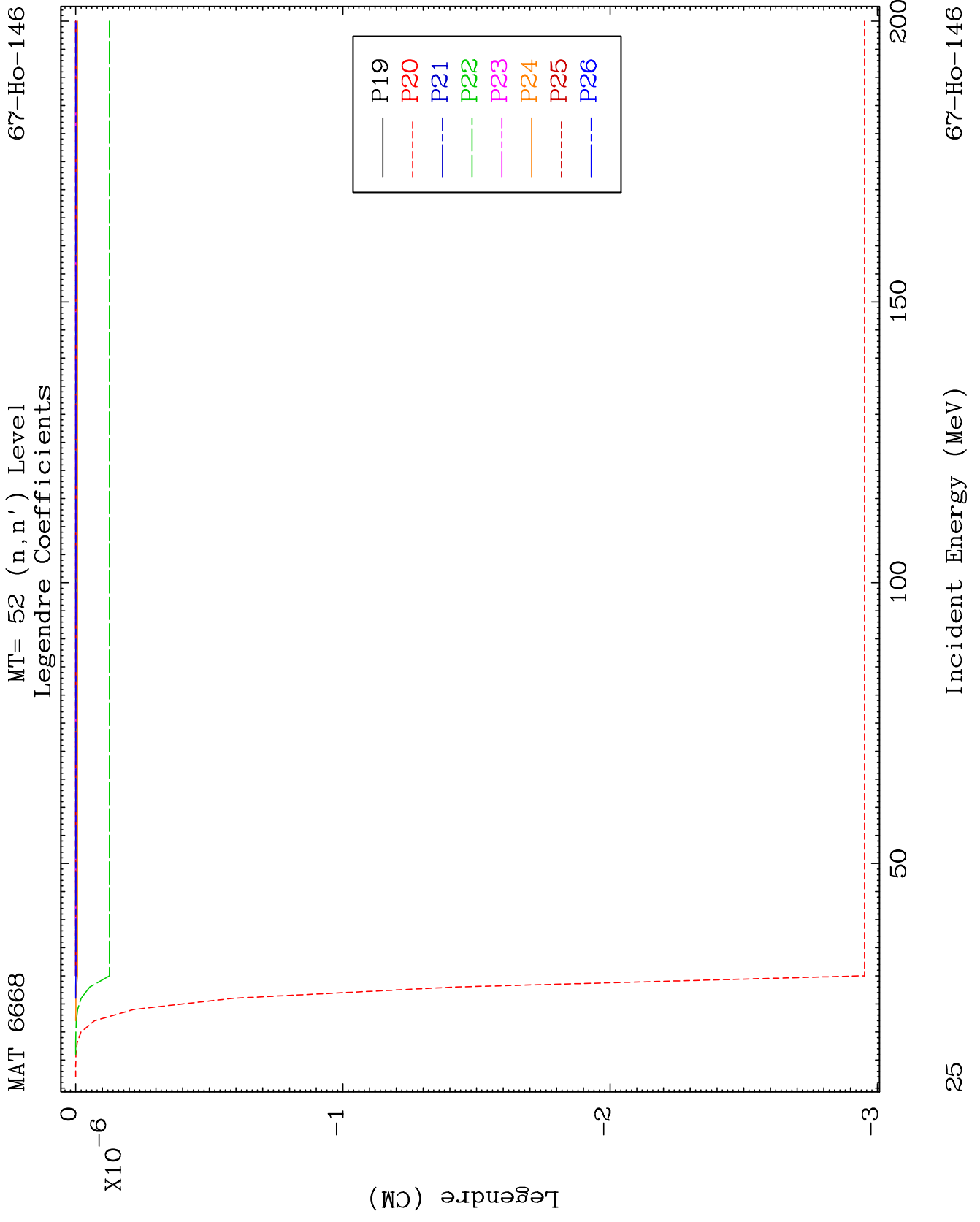


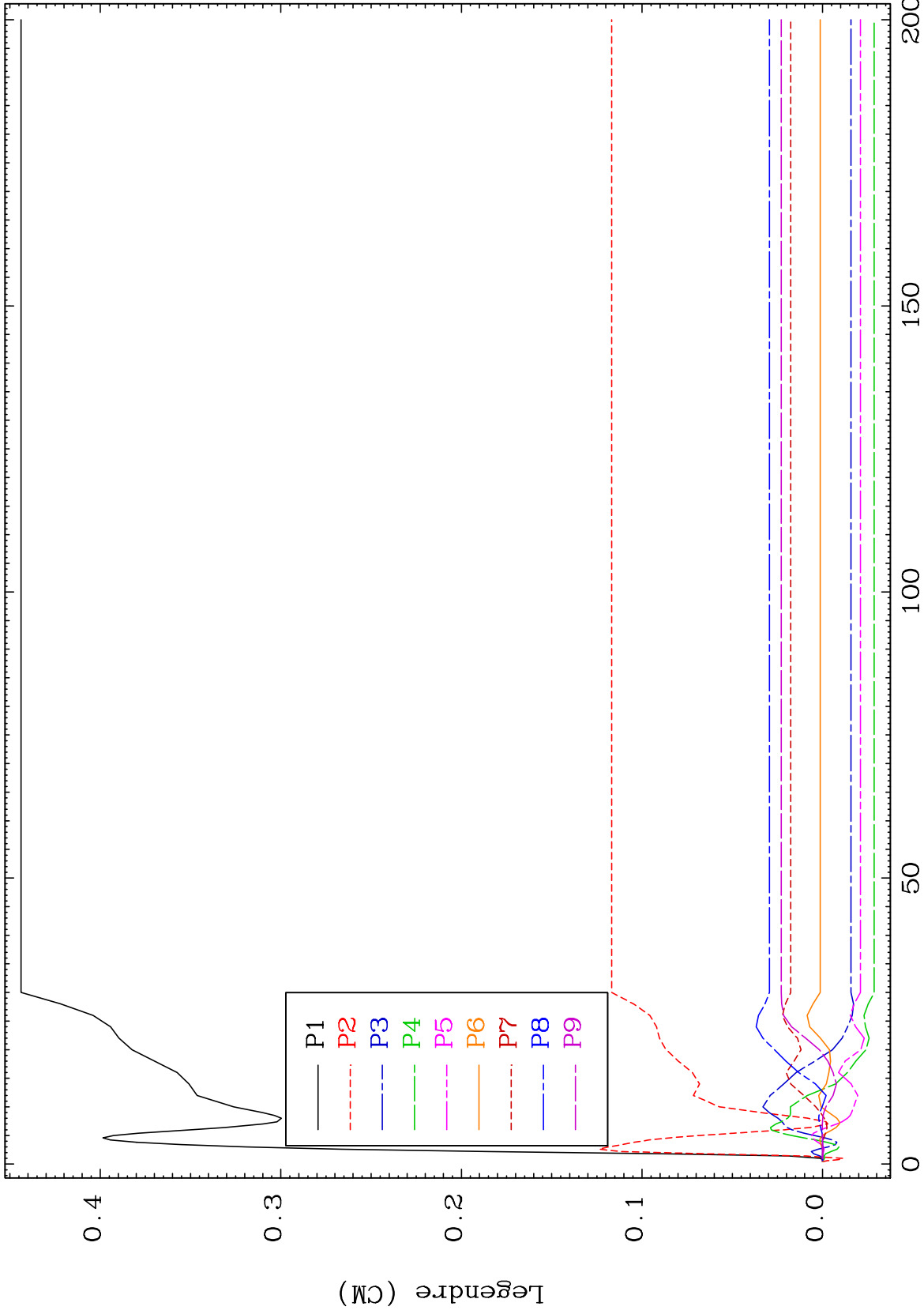
23

Incident Energy (MeV)

67-Ho-146



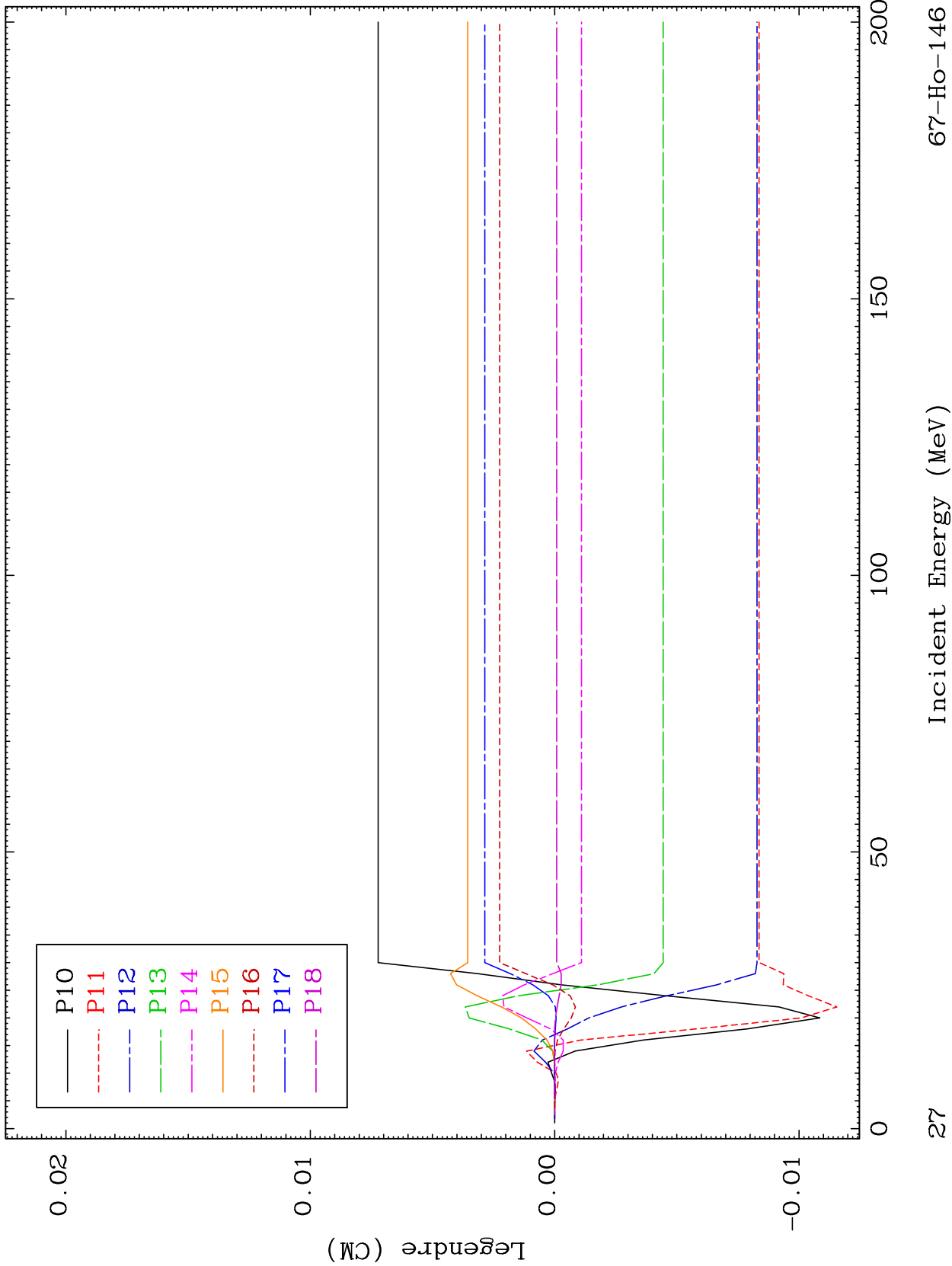




MAT 6668

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

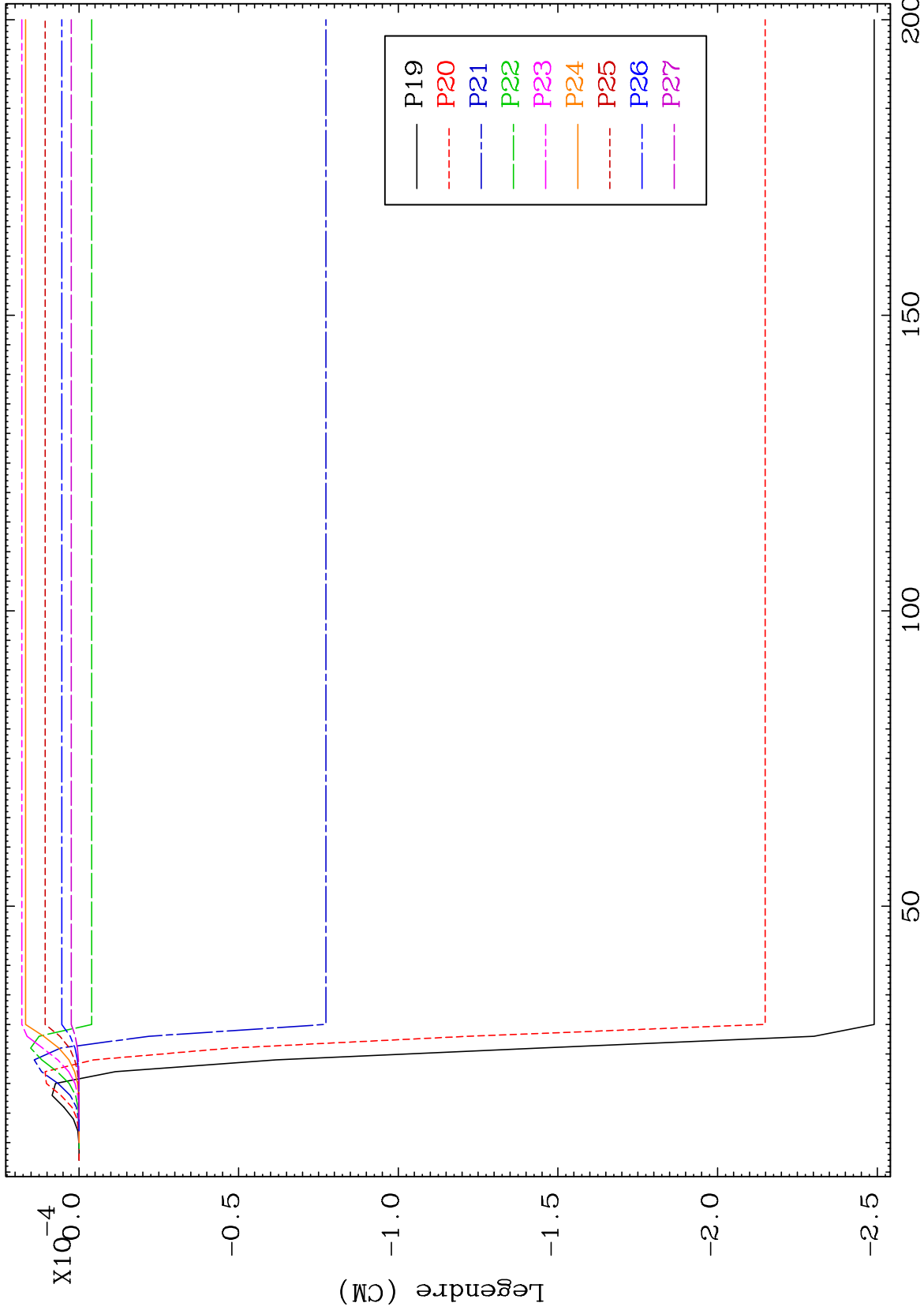
67-Ho-146

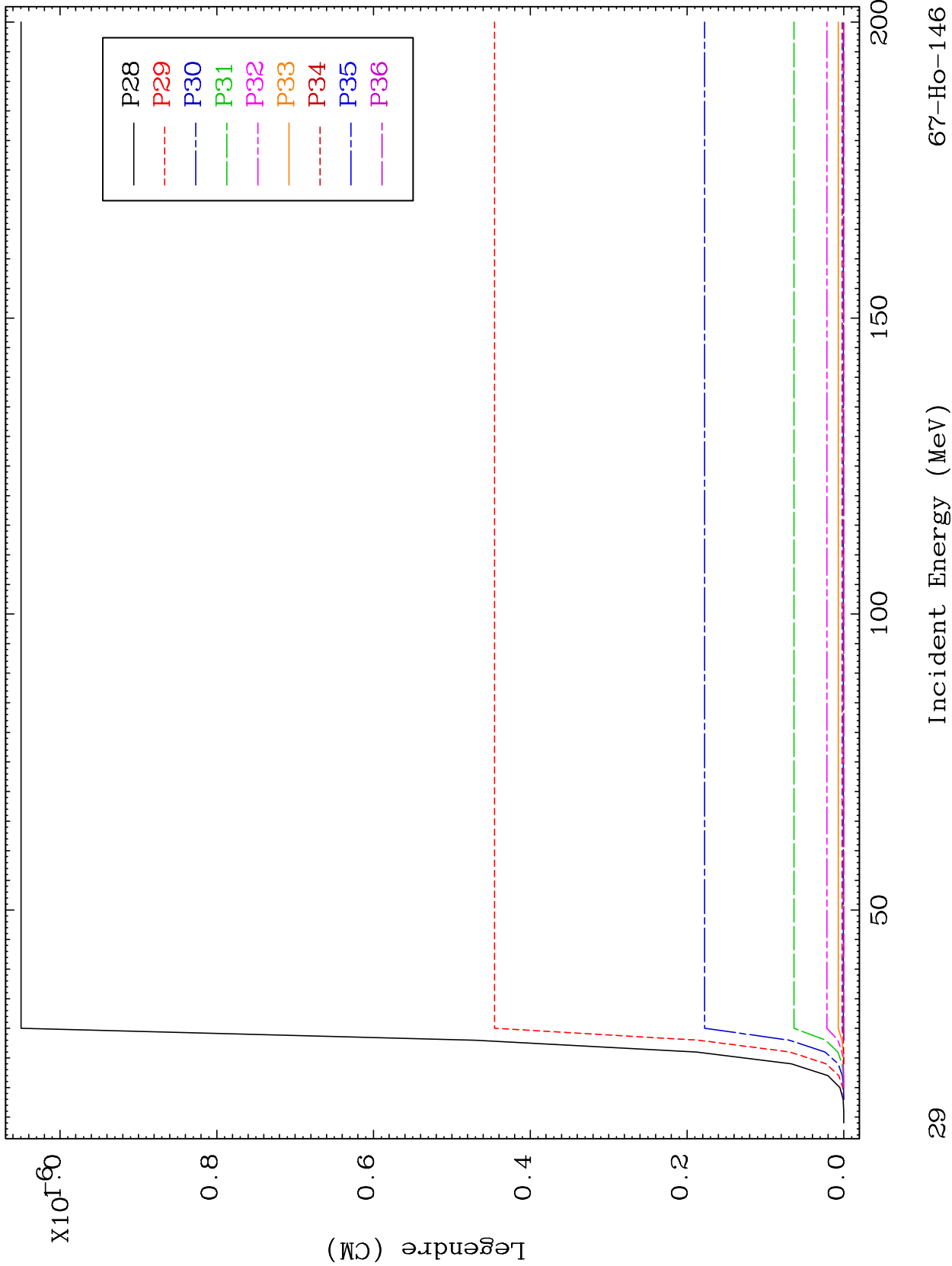


27

Incident Energy (MeV)

67-Ho-146

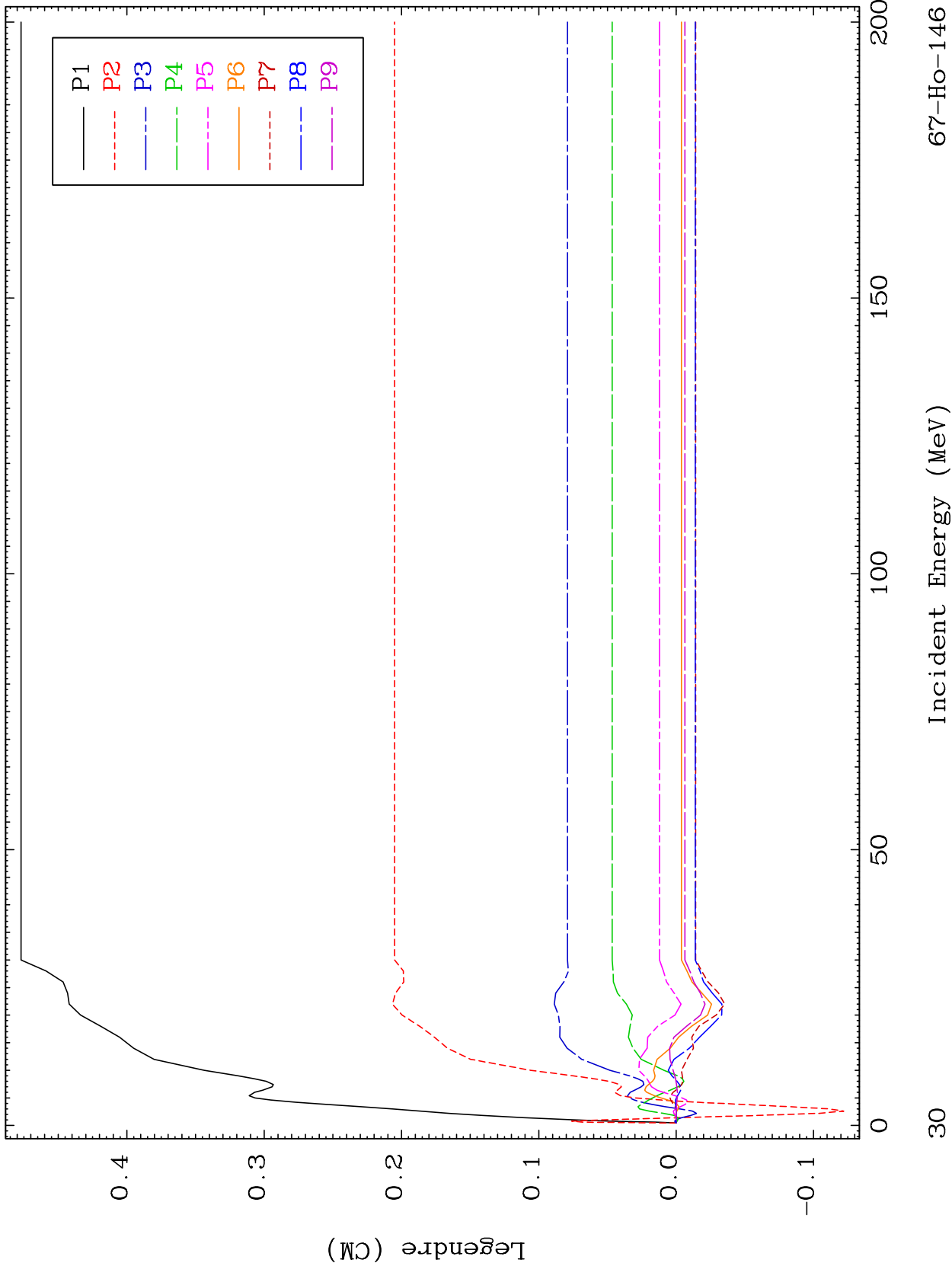




MAT 6668

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

67-Ho-146

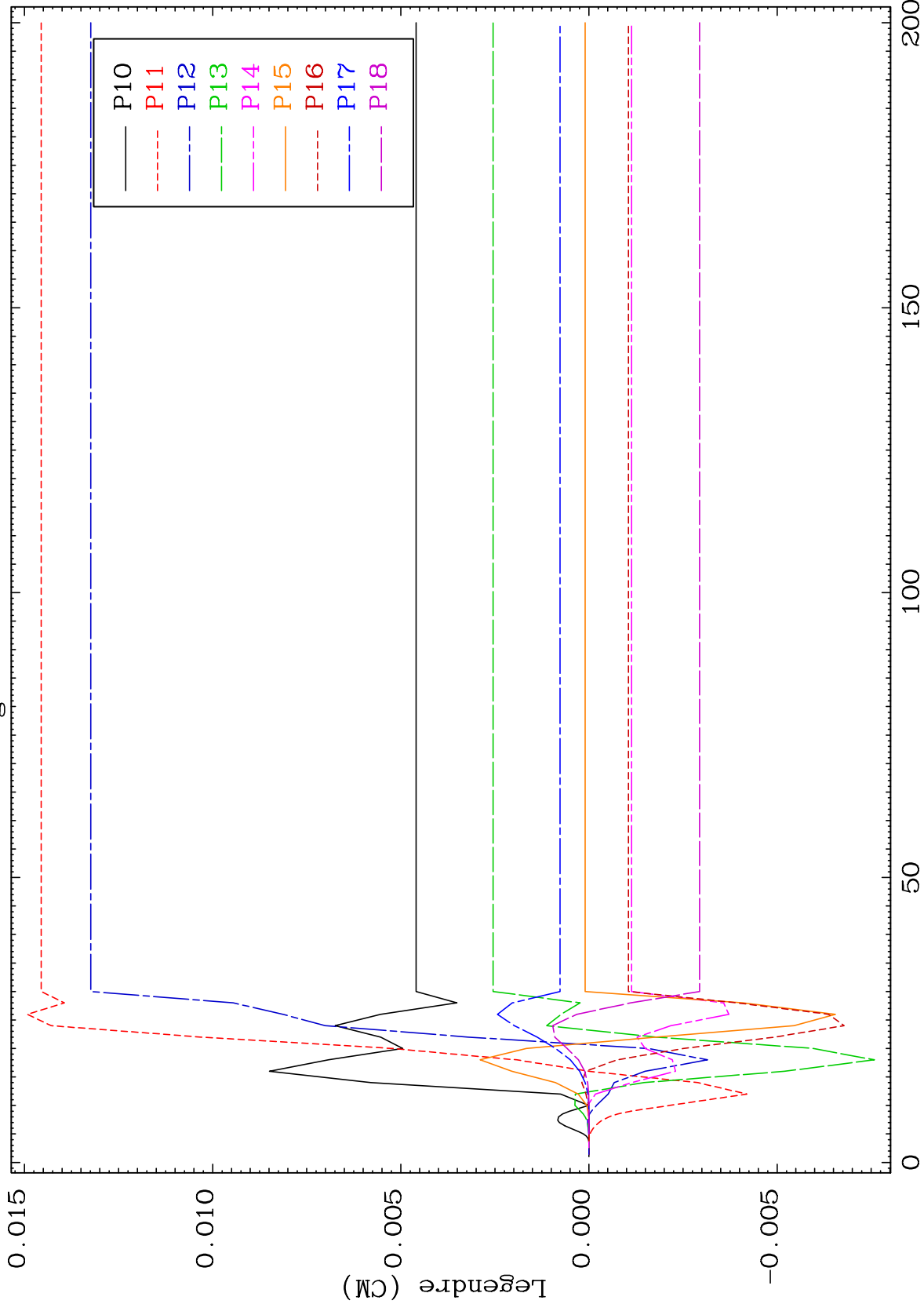


MAT 6668

MT= 54 (n,n') Level

67-Ho-146

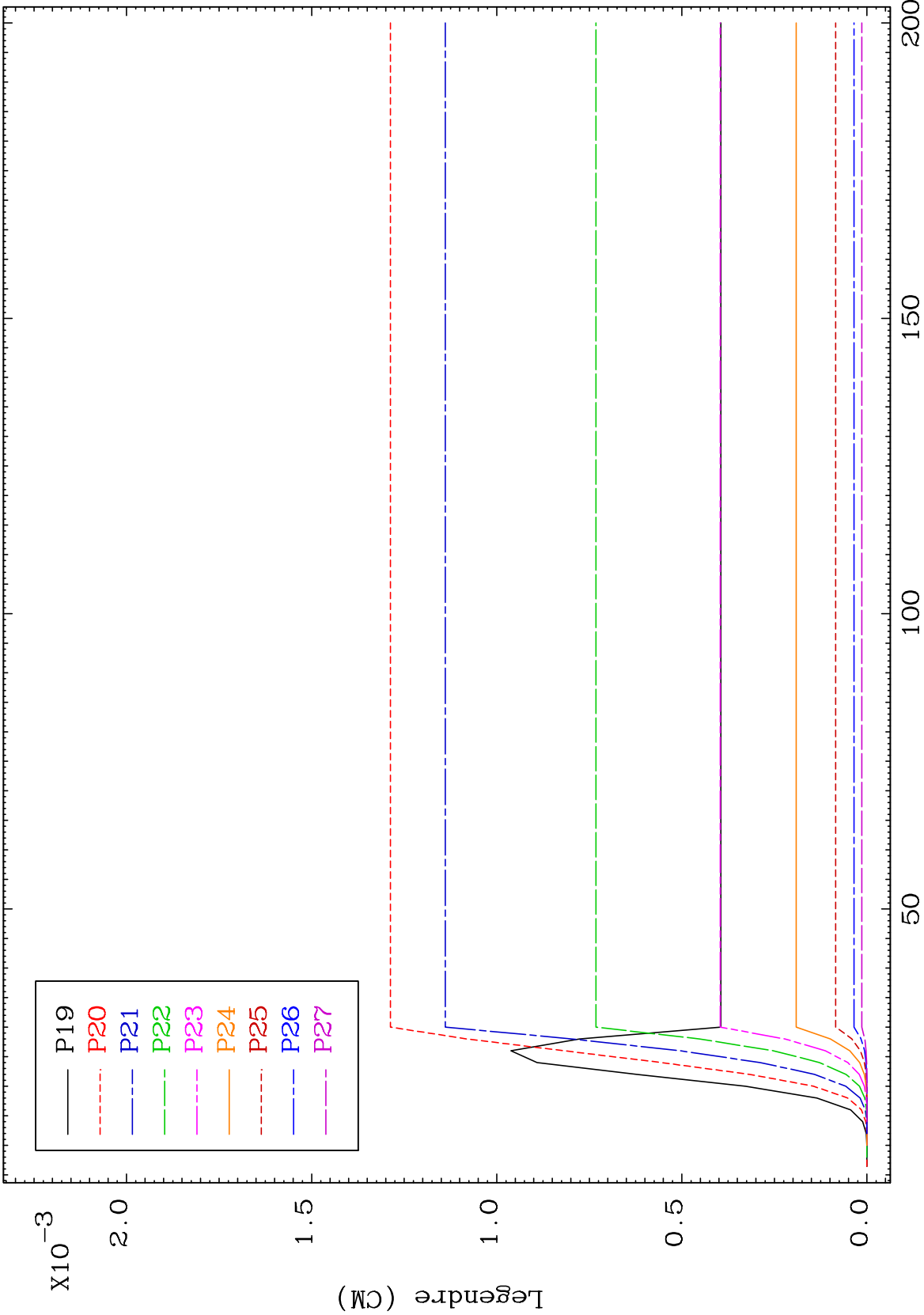
Legendre Coefficients



31

Incident Energy (MeV)

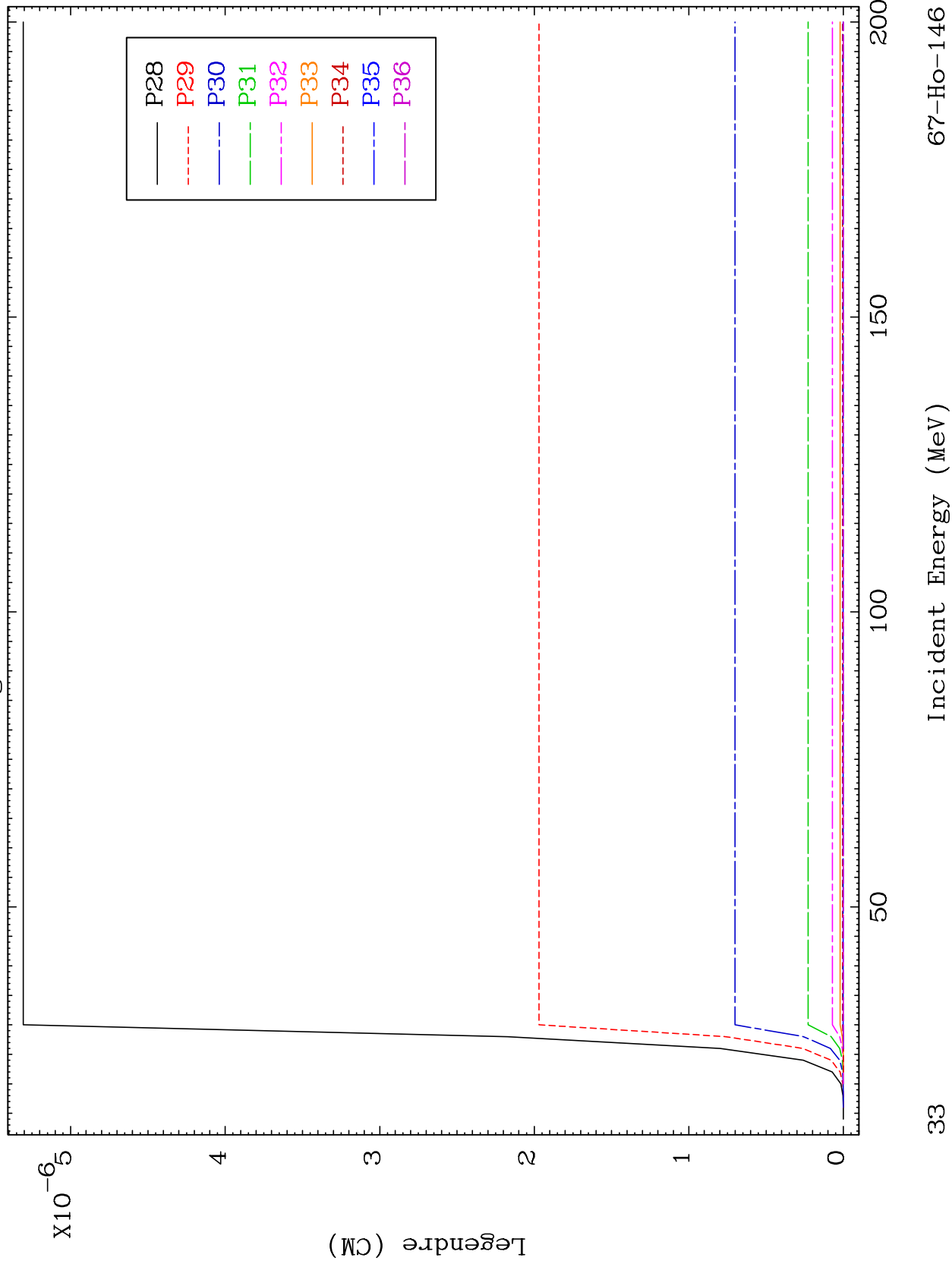
67-Ho-146



MAT 6668

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

67-Ho-146



33

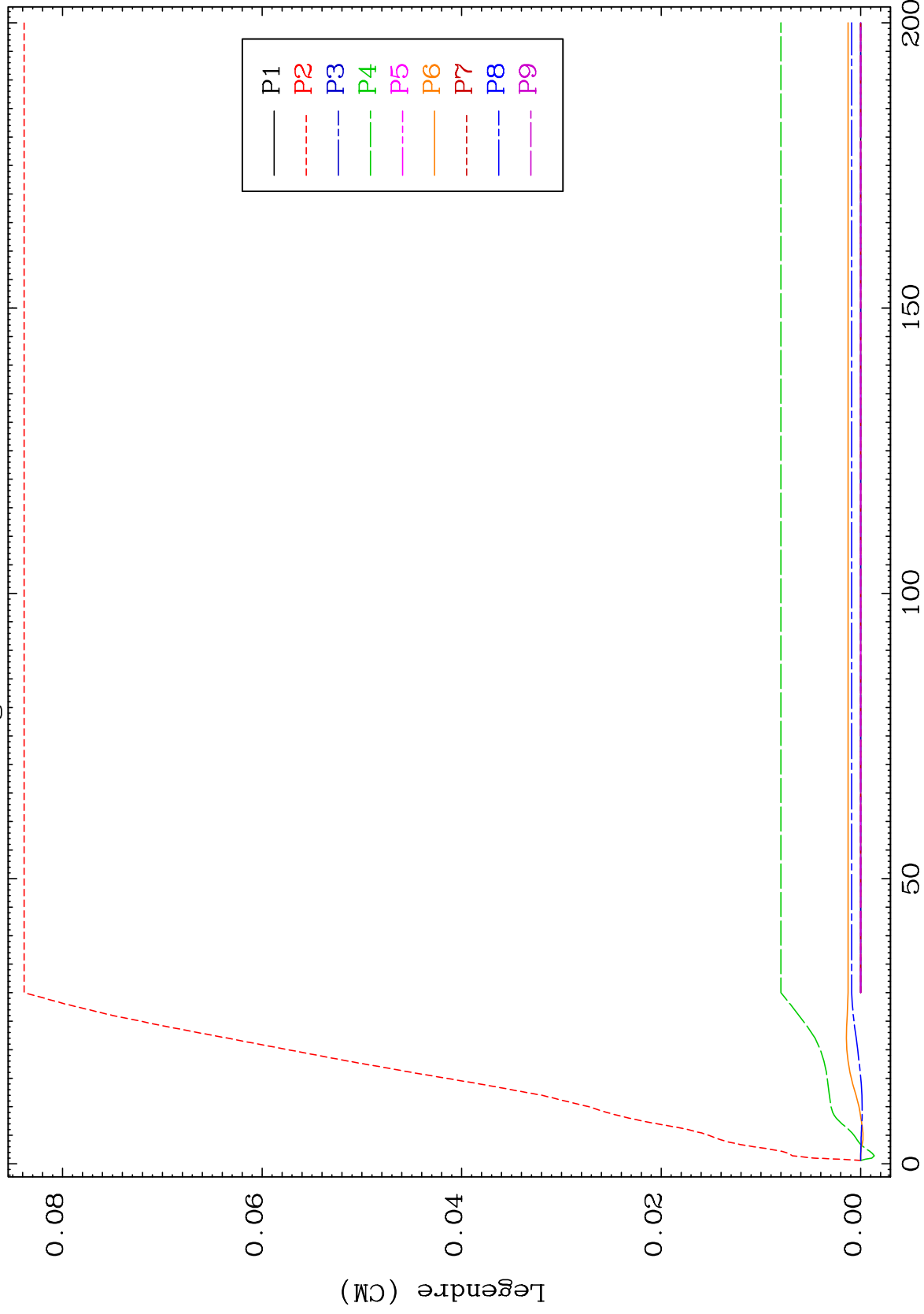
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



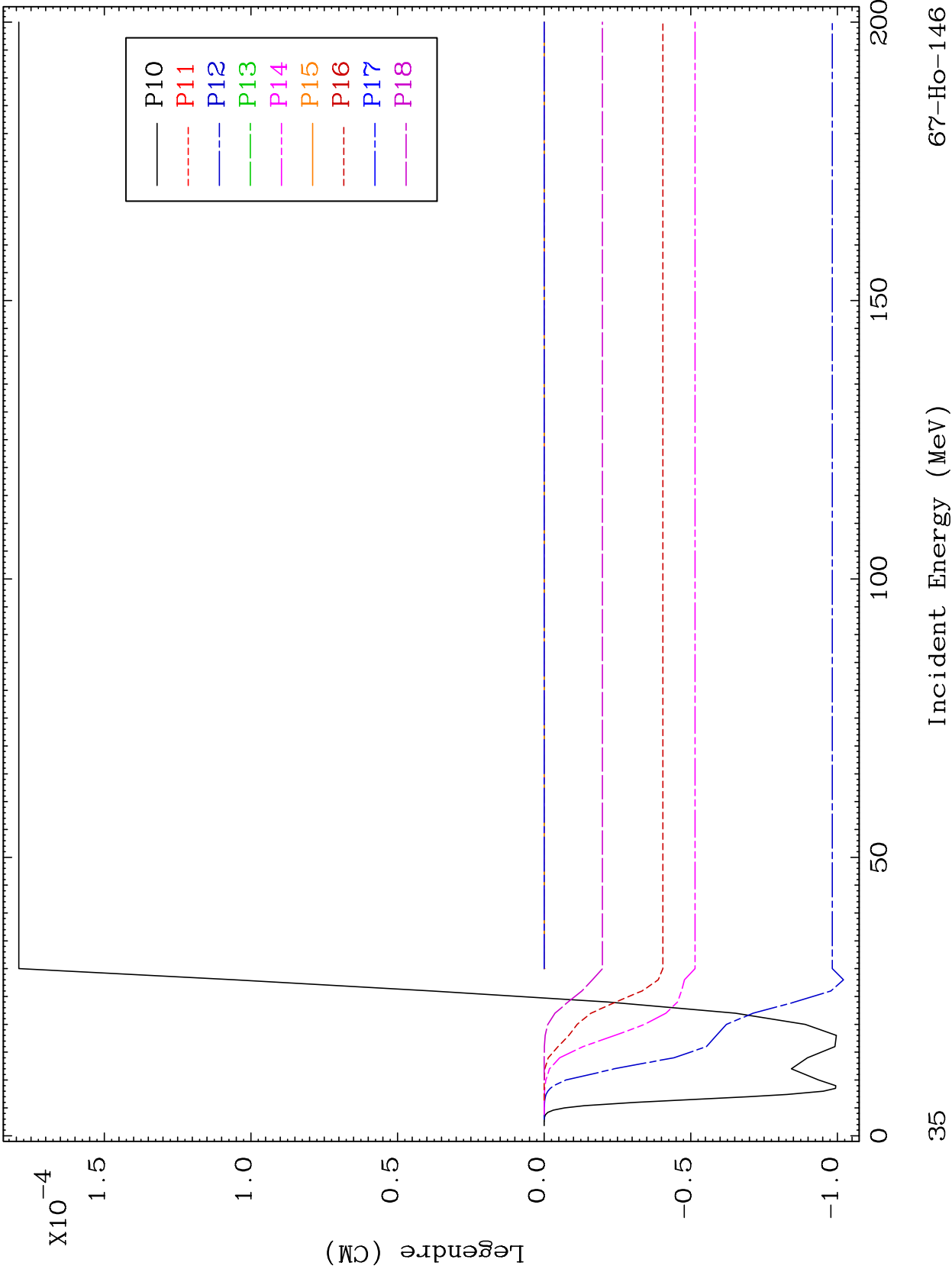
34

67-Ho-146

MAT 6668

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

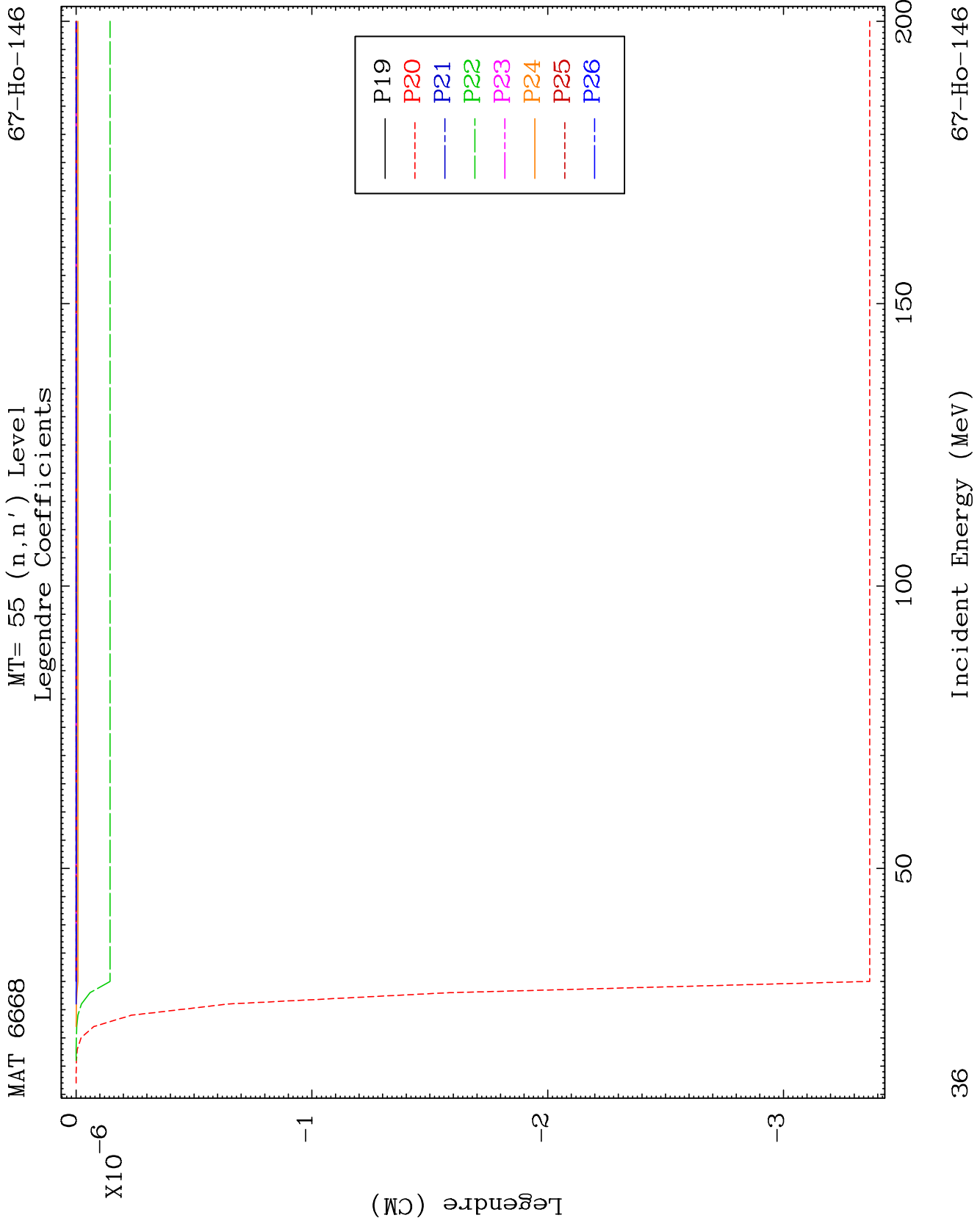
67-Ho-146



67-Ho-146

Incident Energy (MeV)

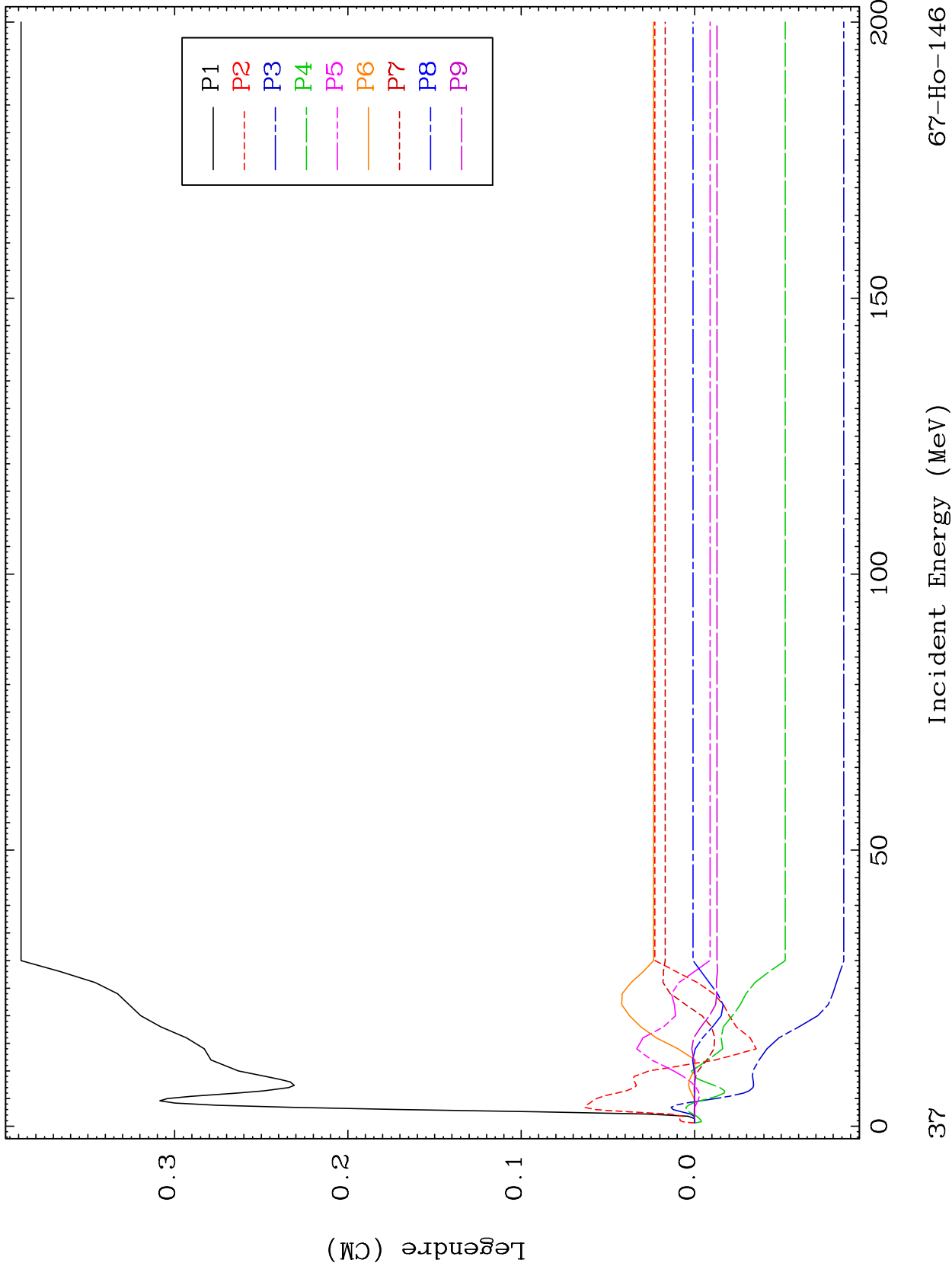
35



MAT 6668

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

67-Ho-146



37

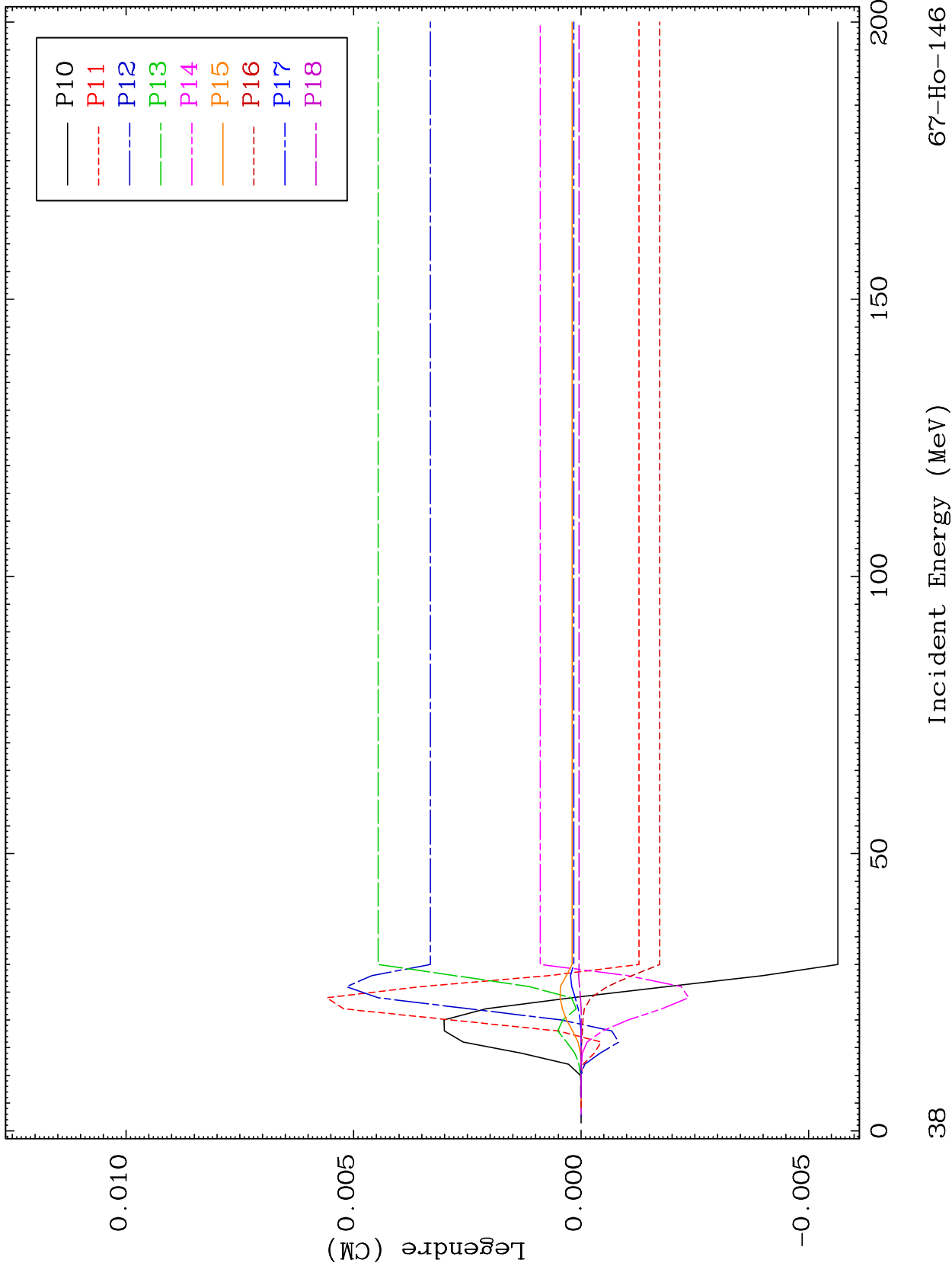
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



38

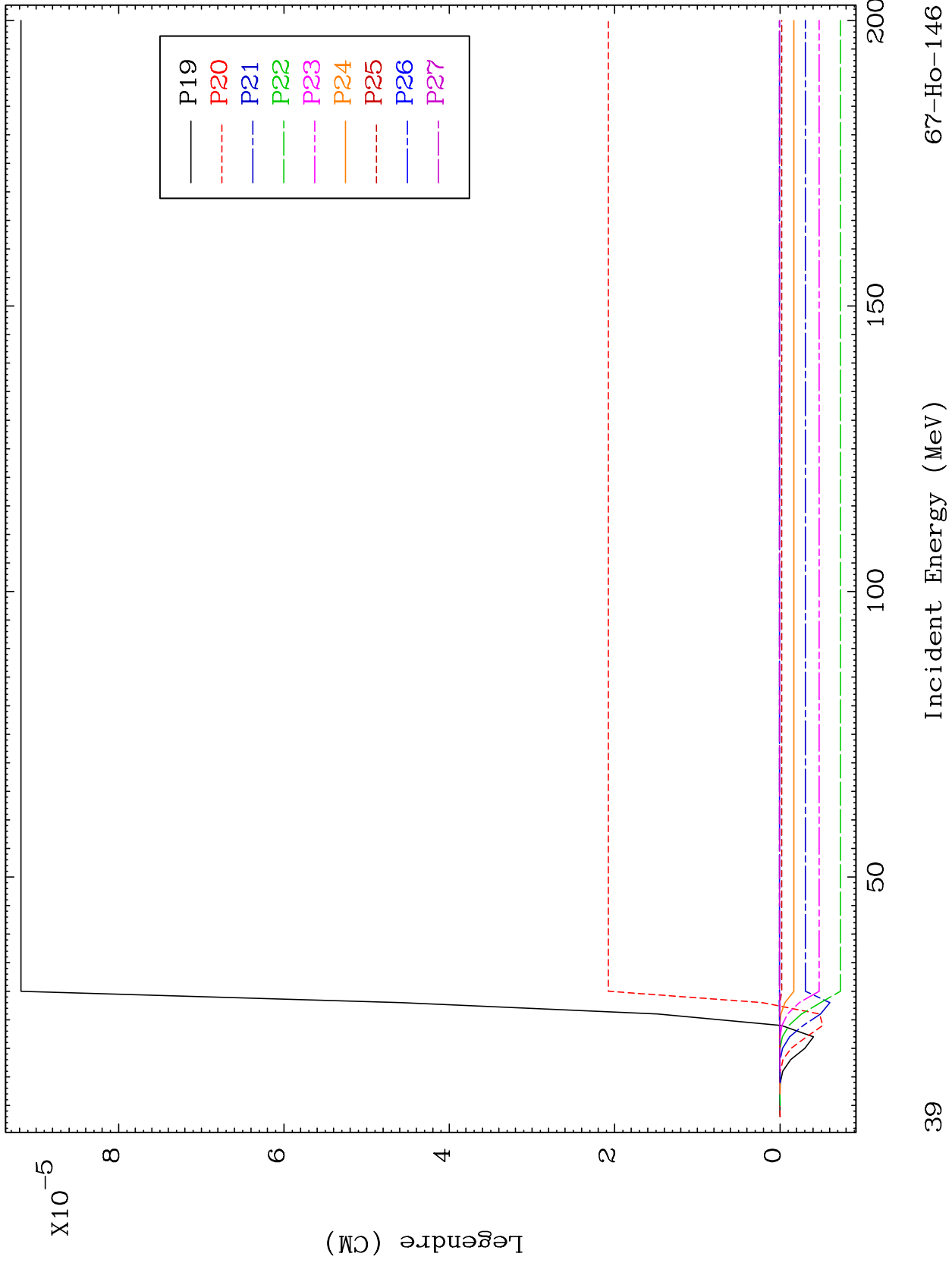
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



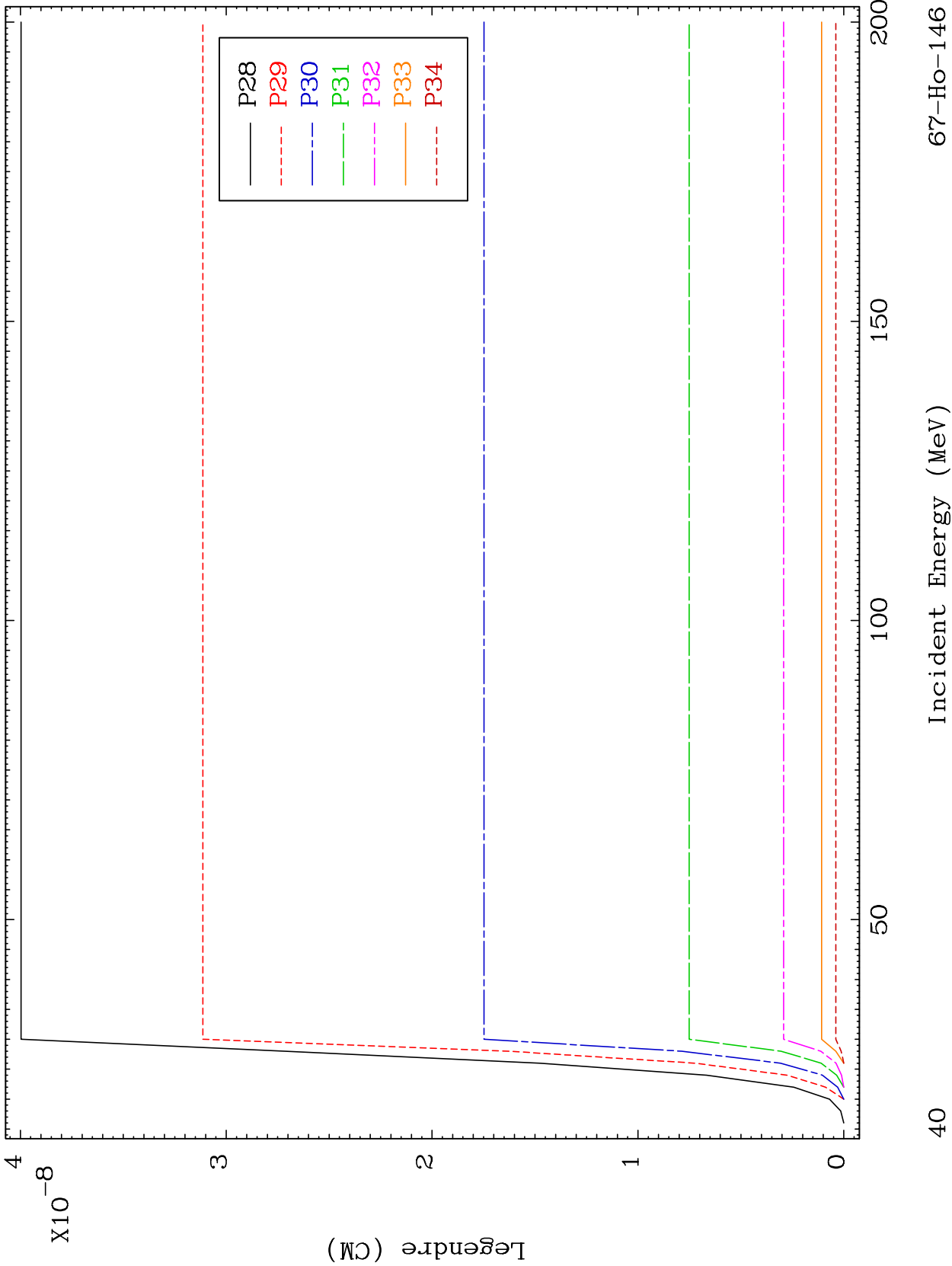
39

67-Ho-146

MAT 6668

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

67-Ho-146

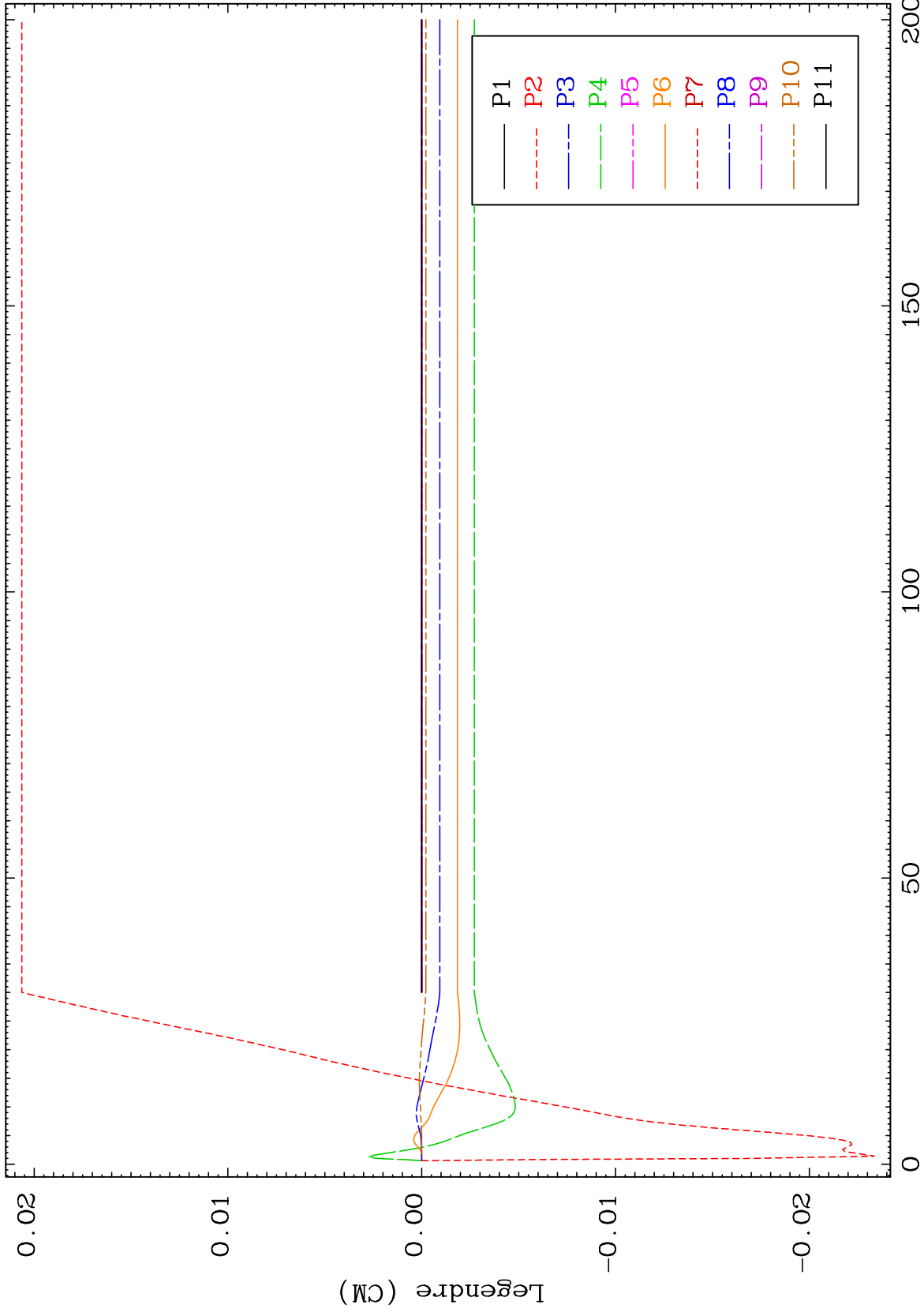


67-Ho-146

MAT 6668

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

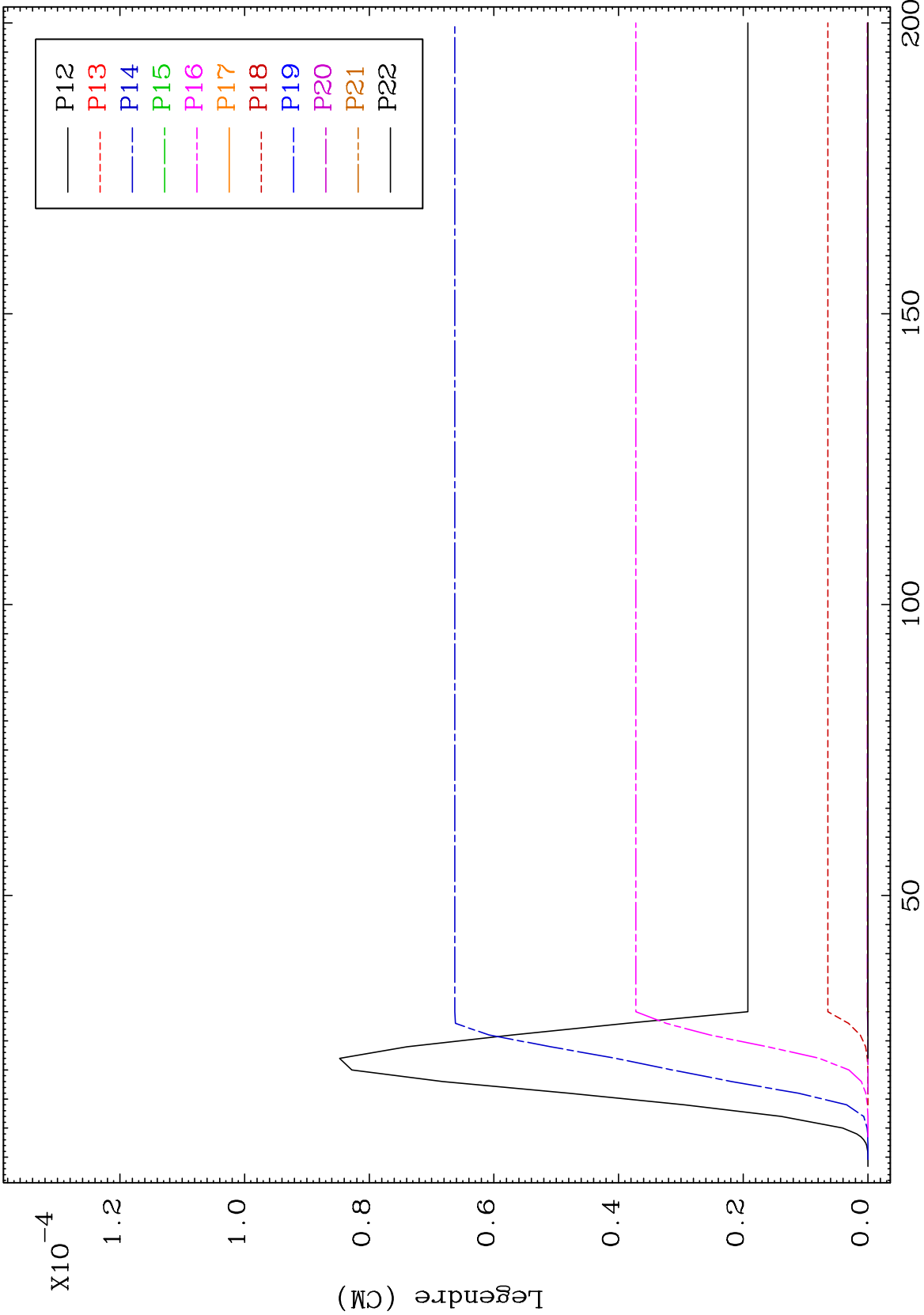
67-Ho-146

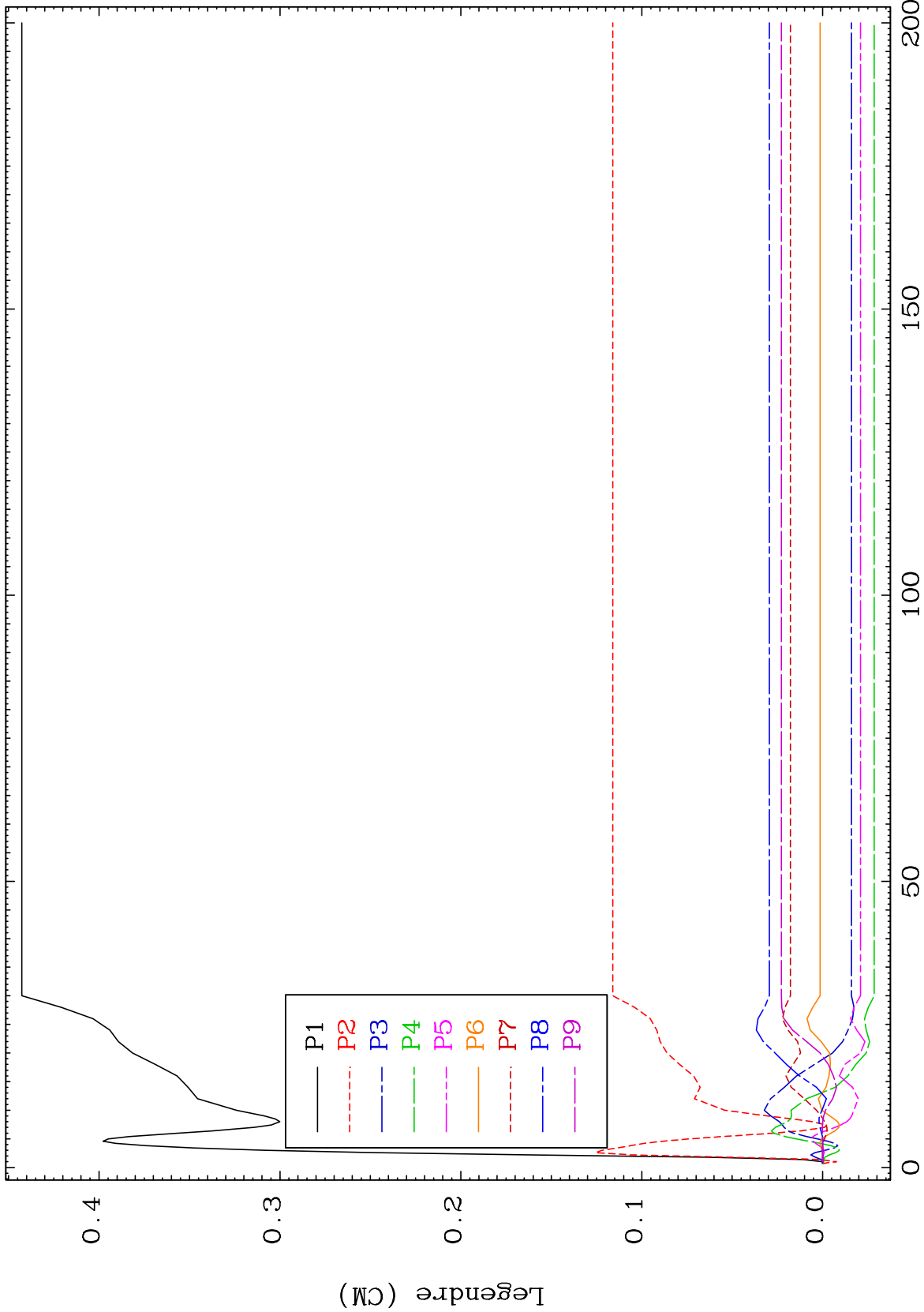


67-Ho-146

Incident Energy (MeV)

41

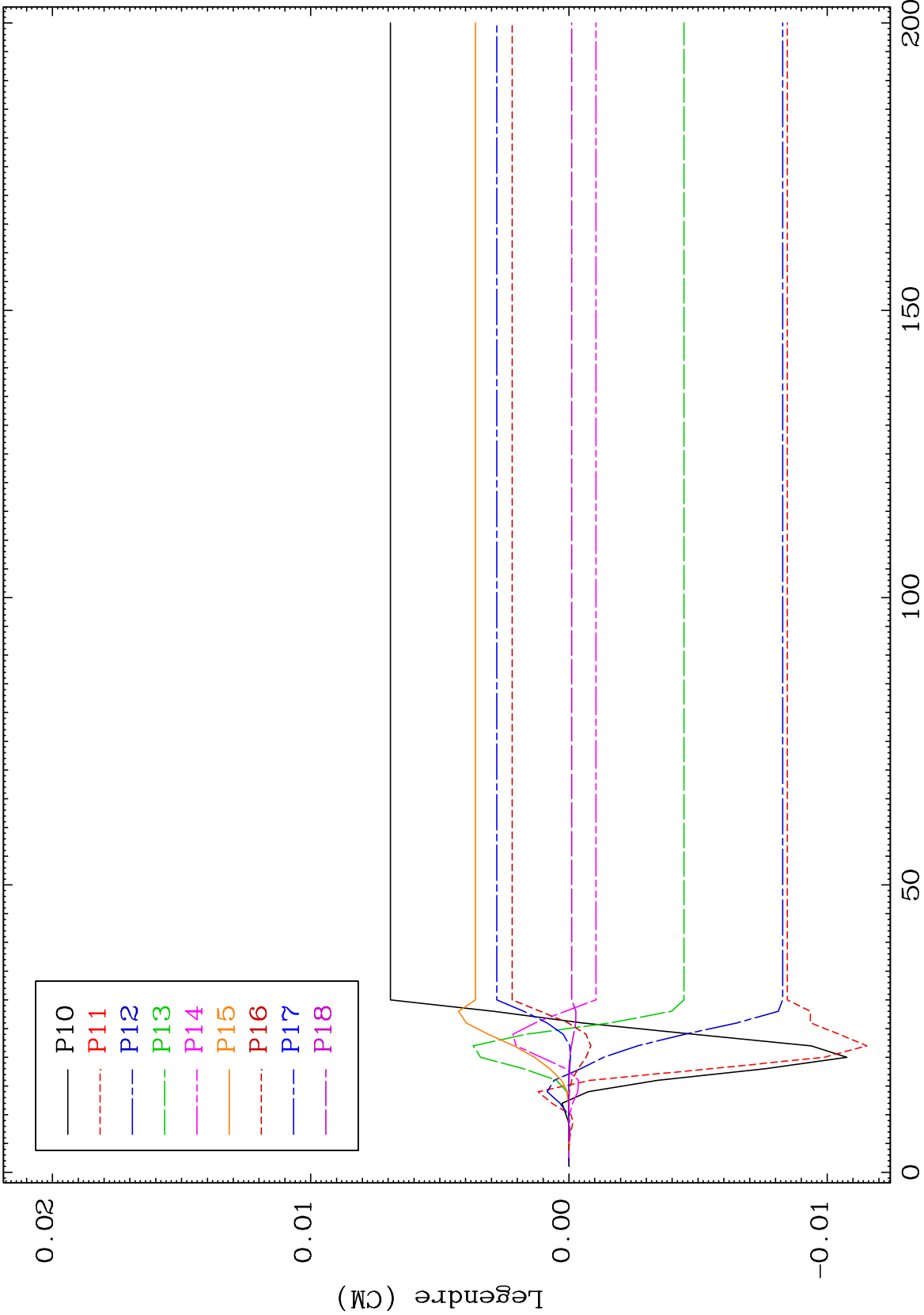




MAT 6668

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

67-Ho-146



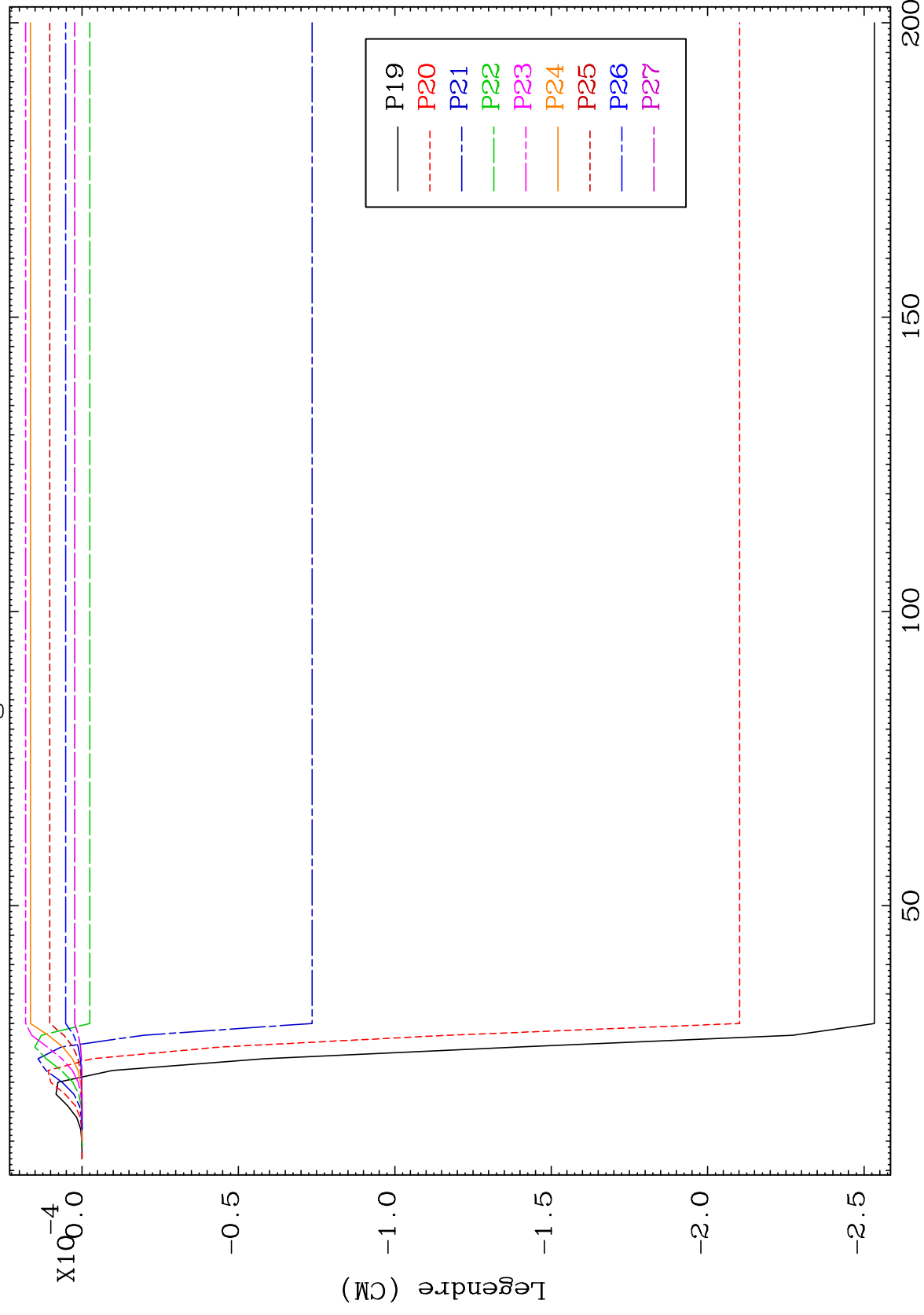
44

67-Ho-146

MAT 6668

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

67-Ho-146



45

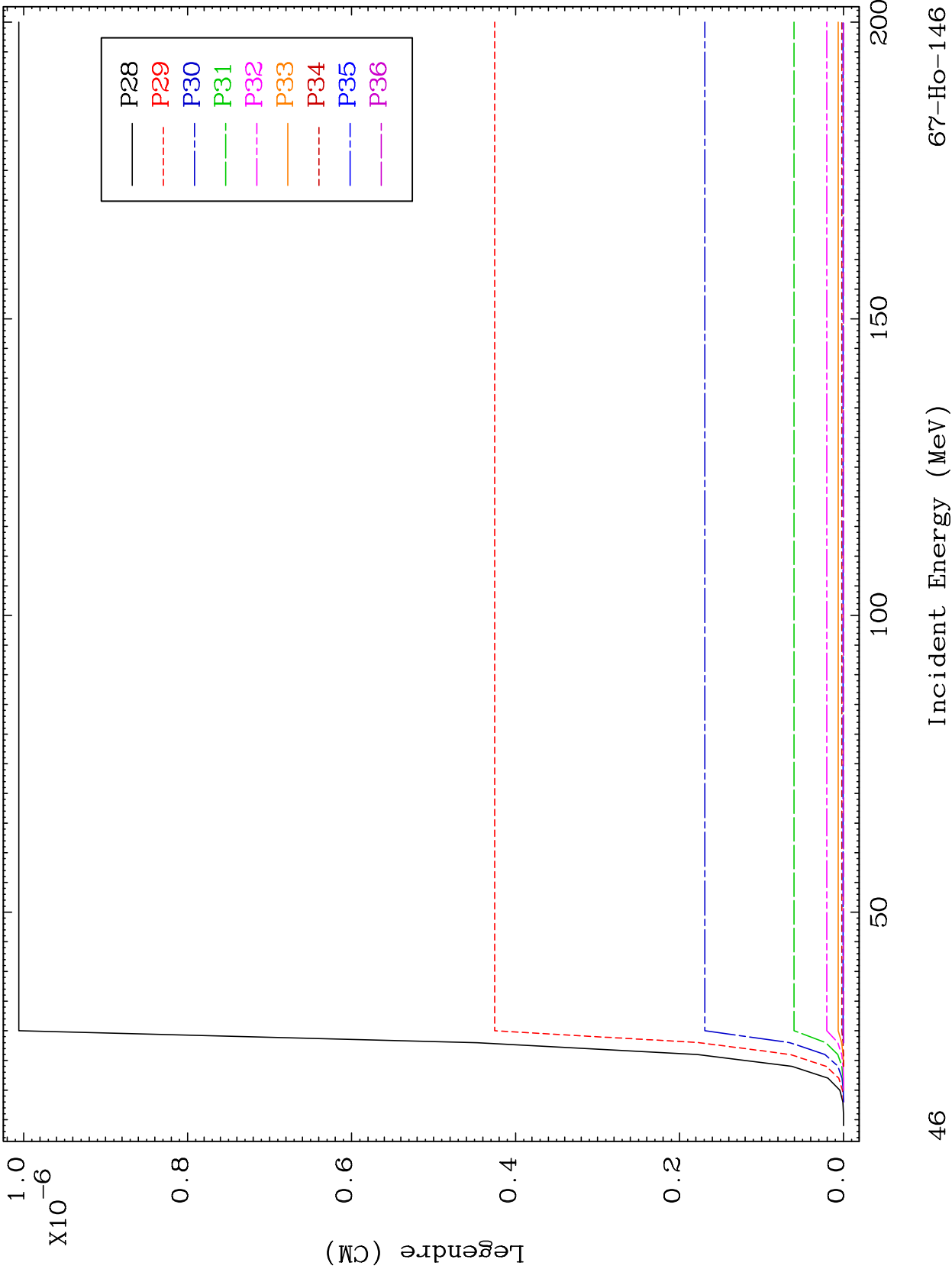
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



46

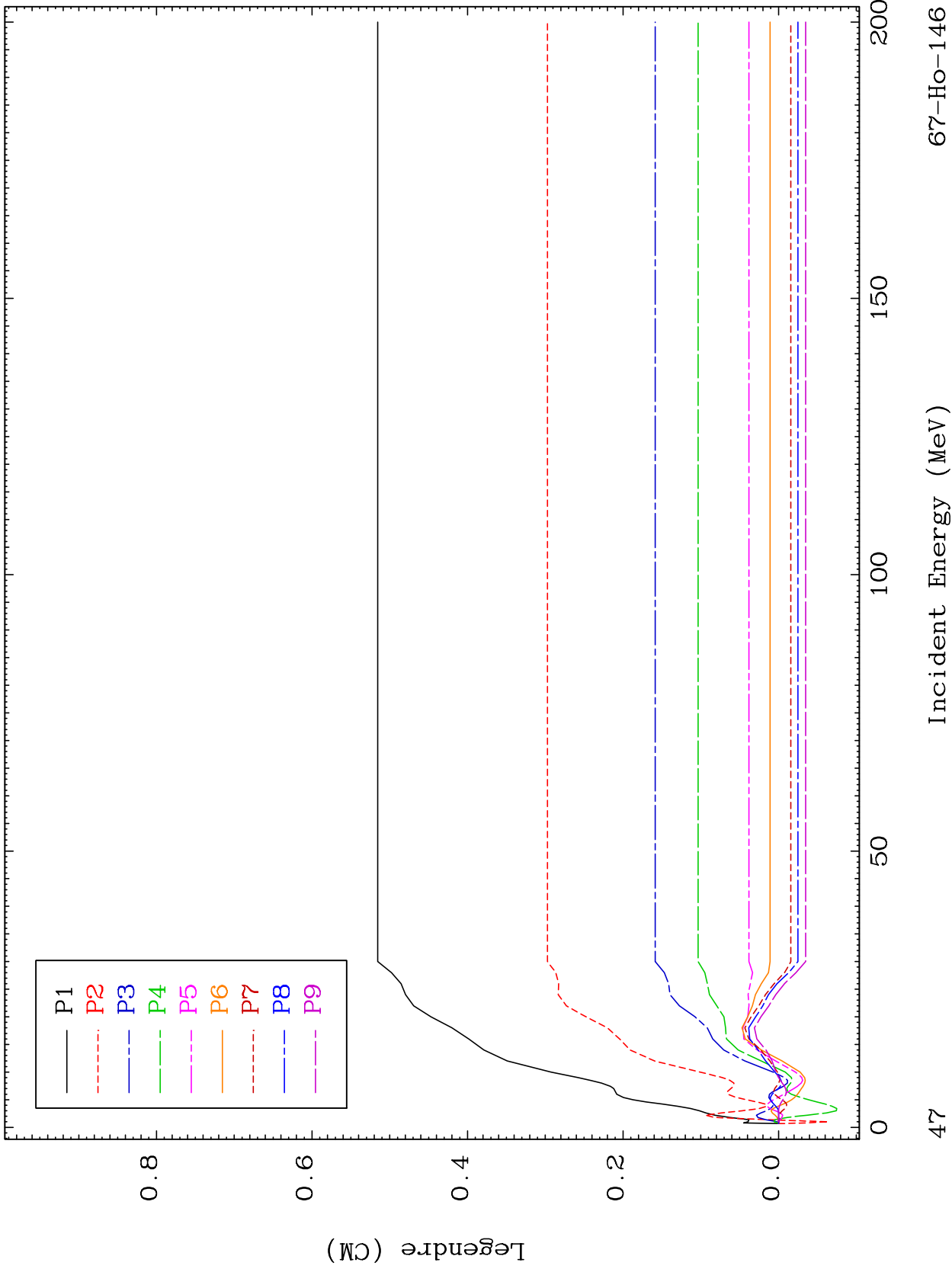
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



47

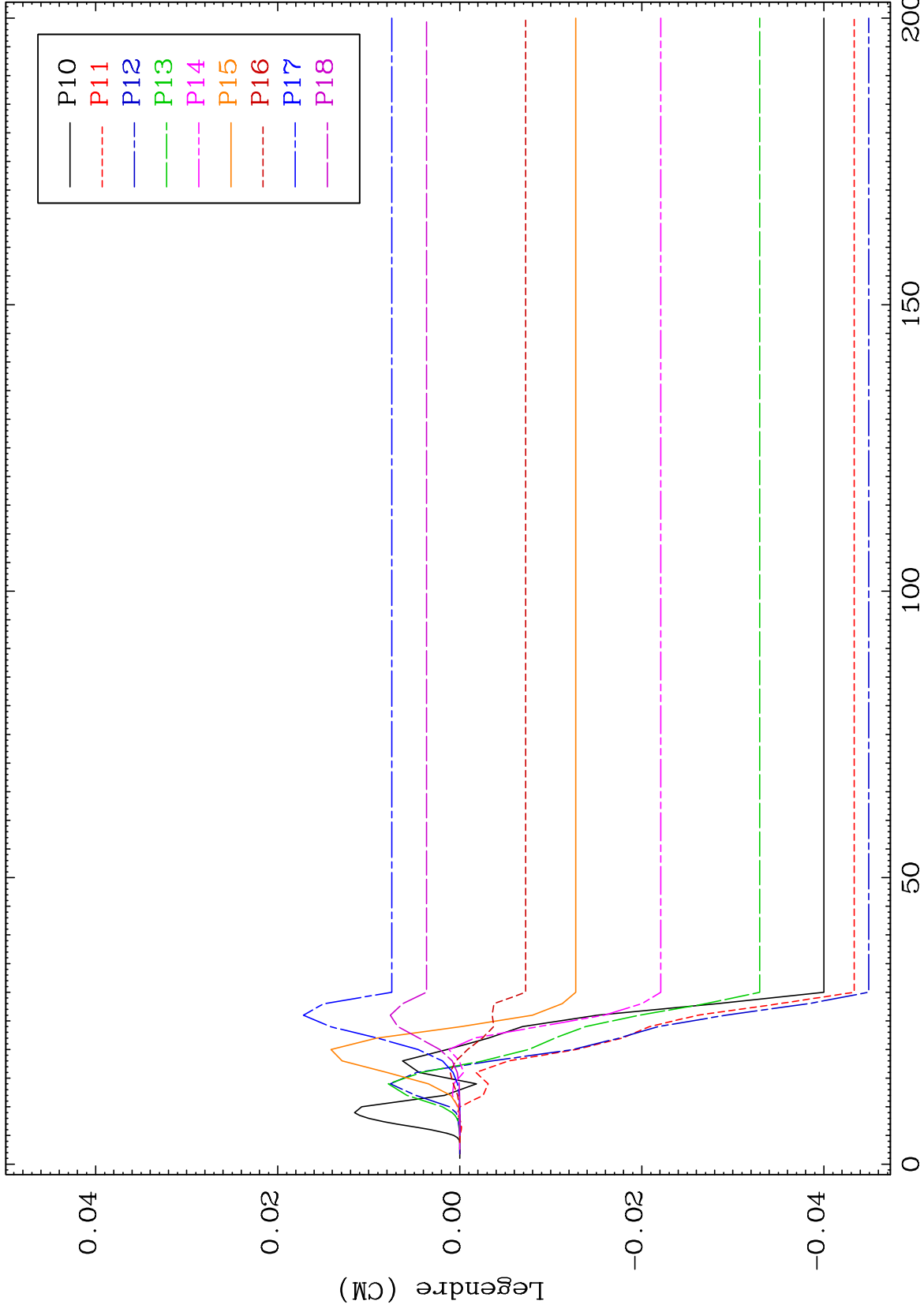
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



48

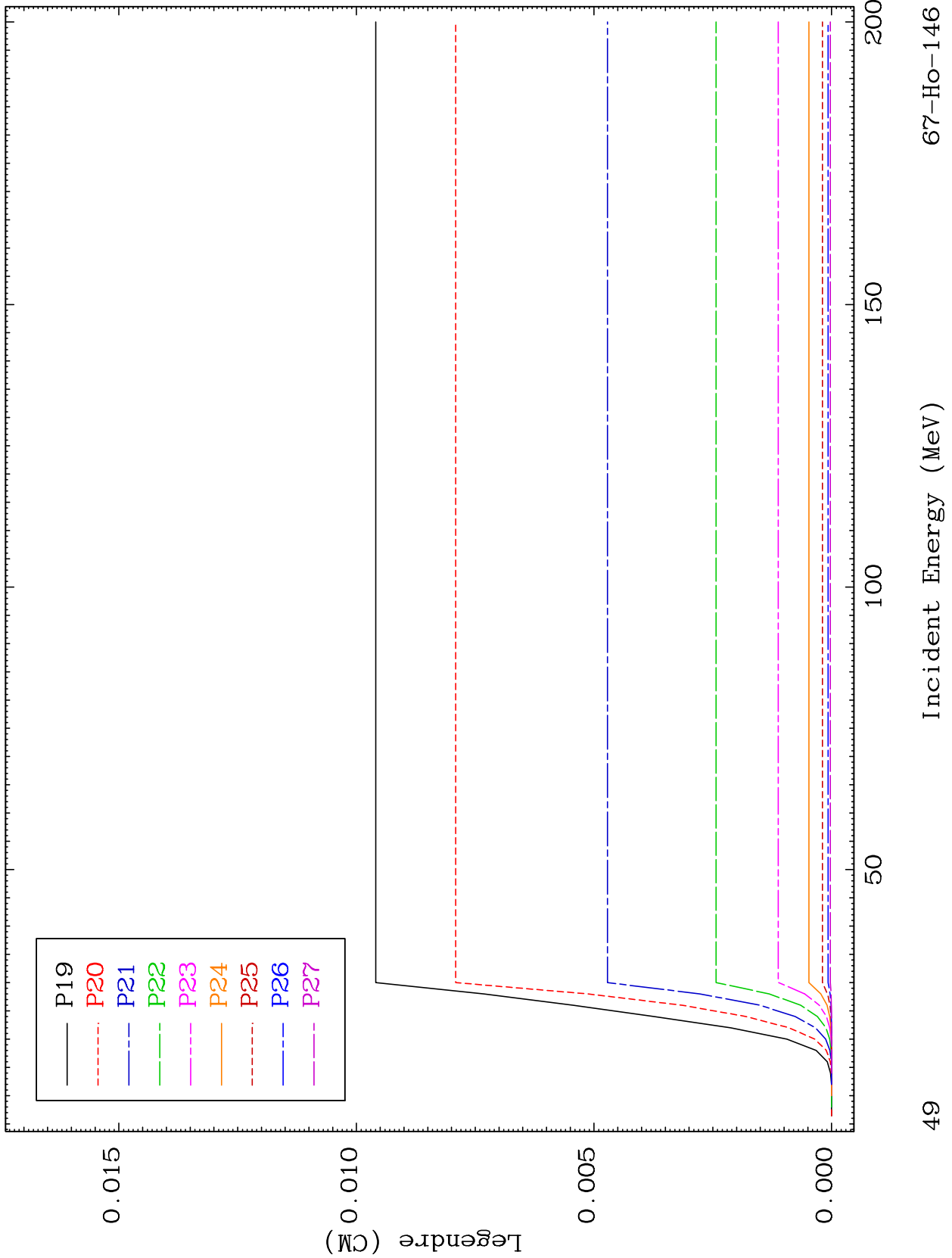
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



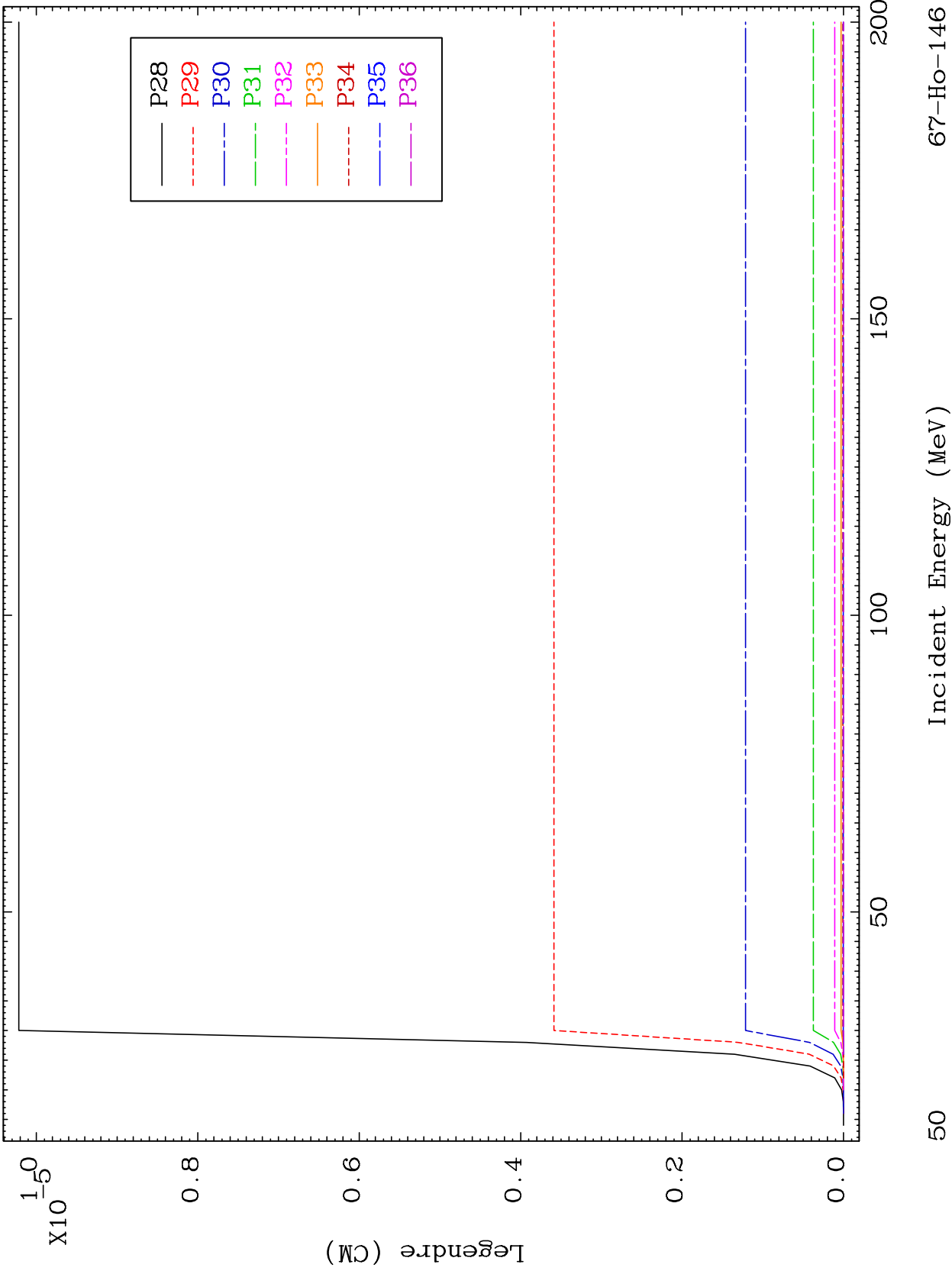
49

67-Ho-146

MAT 6668

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

67-Ho-146



67-Ho-146

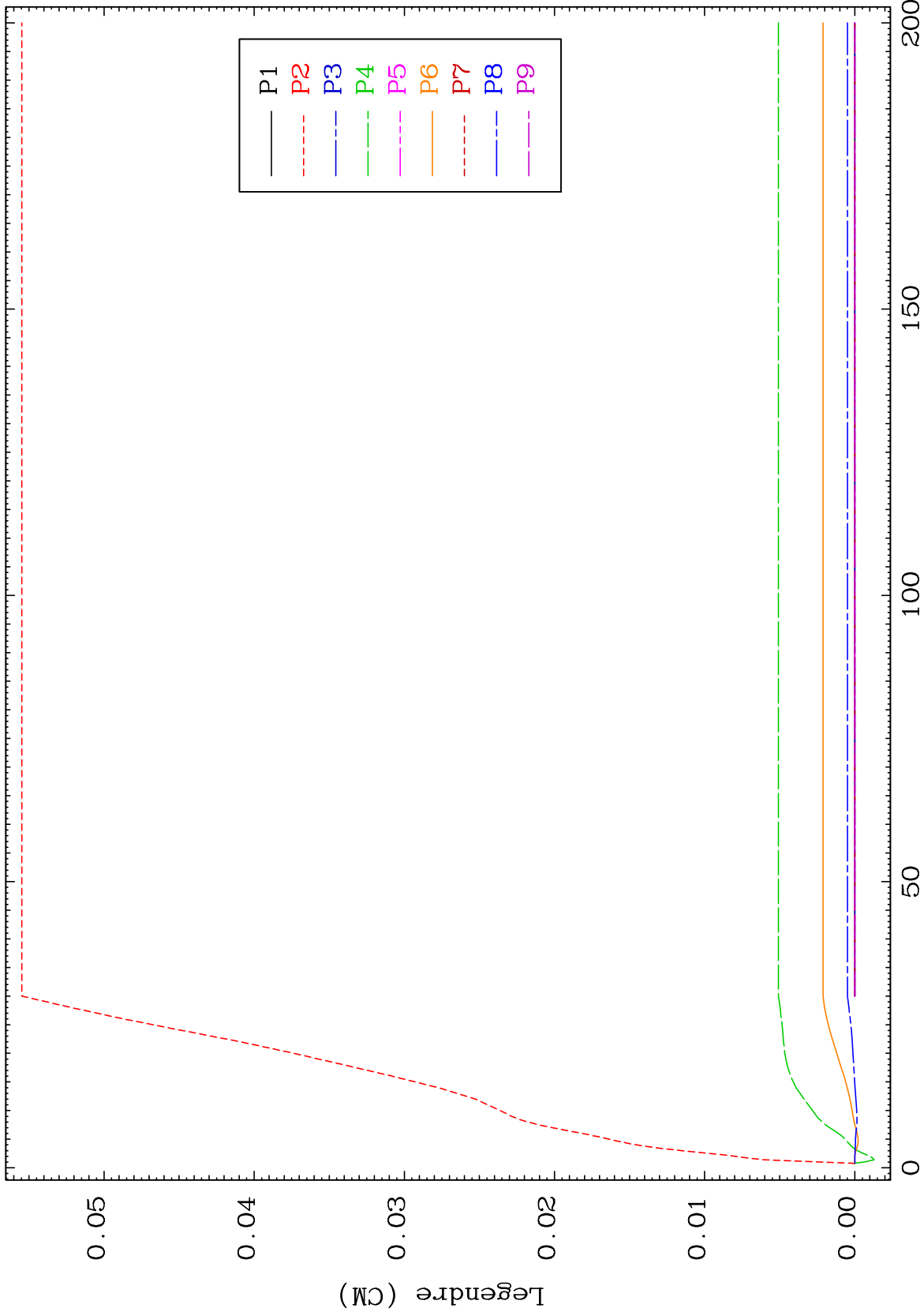
Incident Energy (MeV)

50

MAT 6668

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

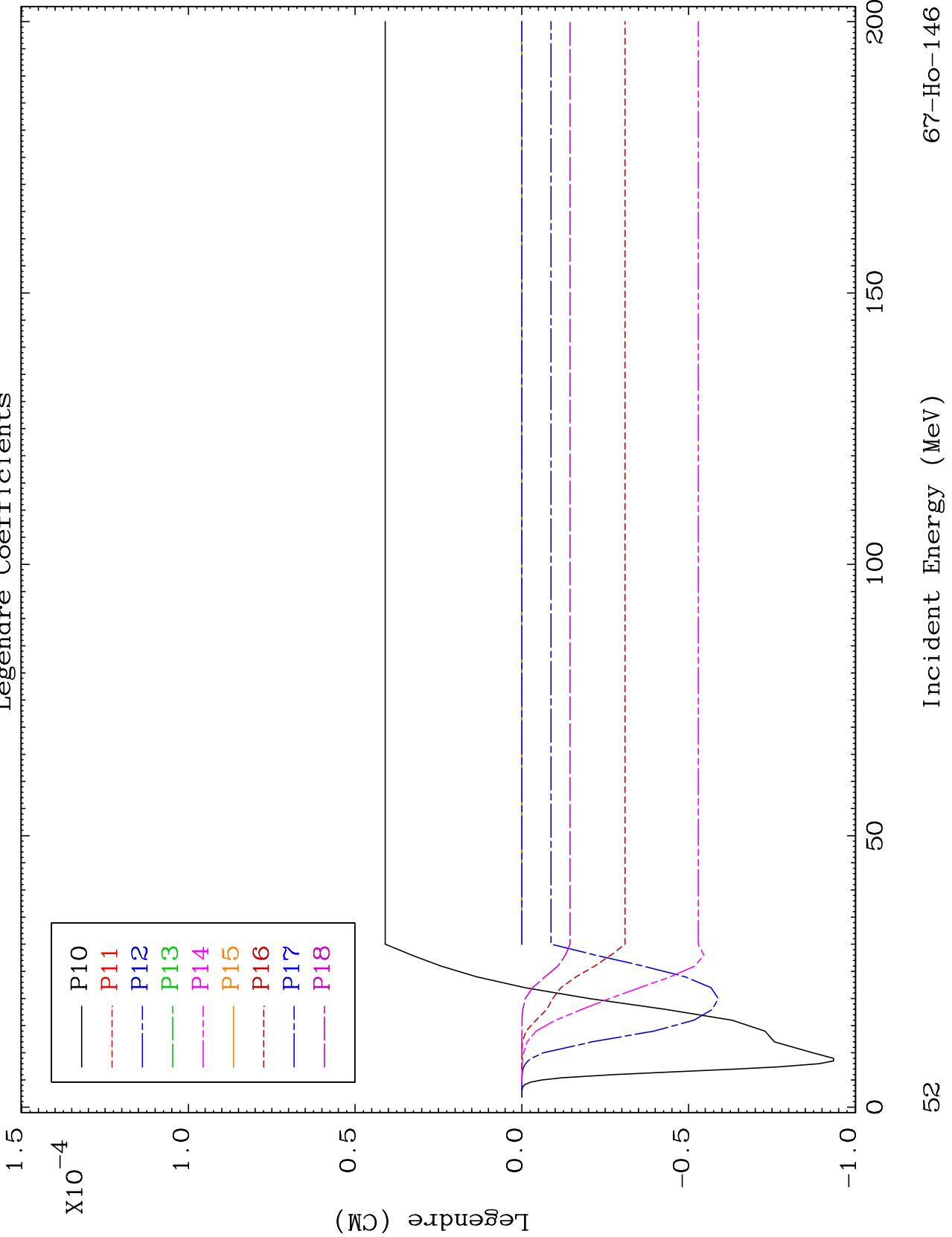
67-Ho-146

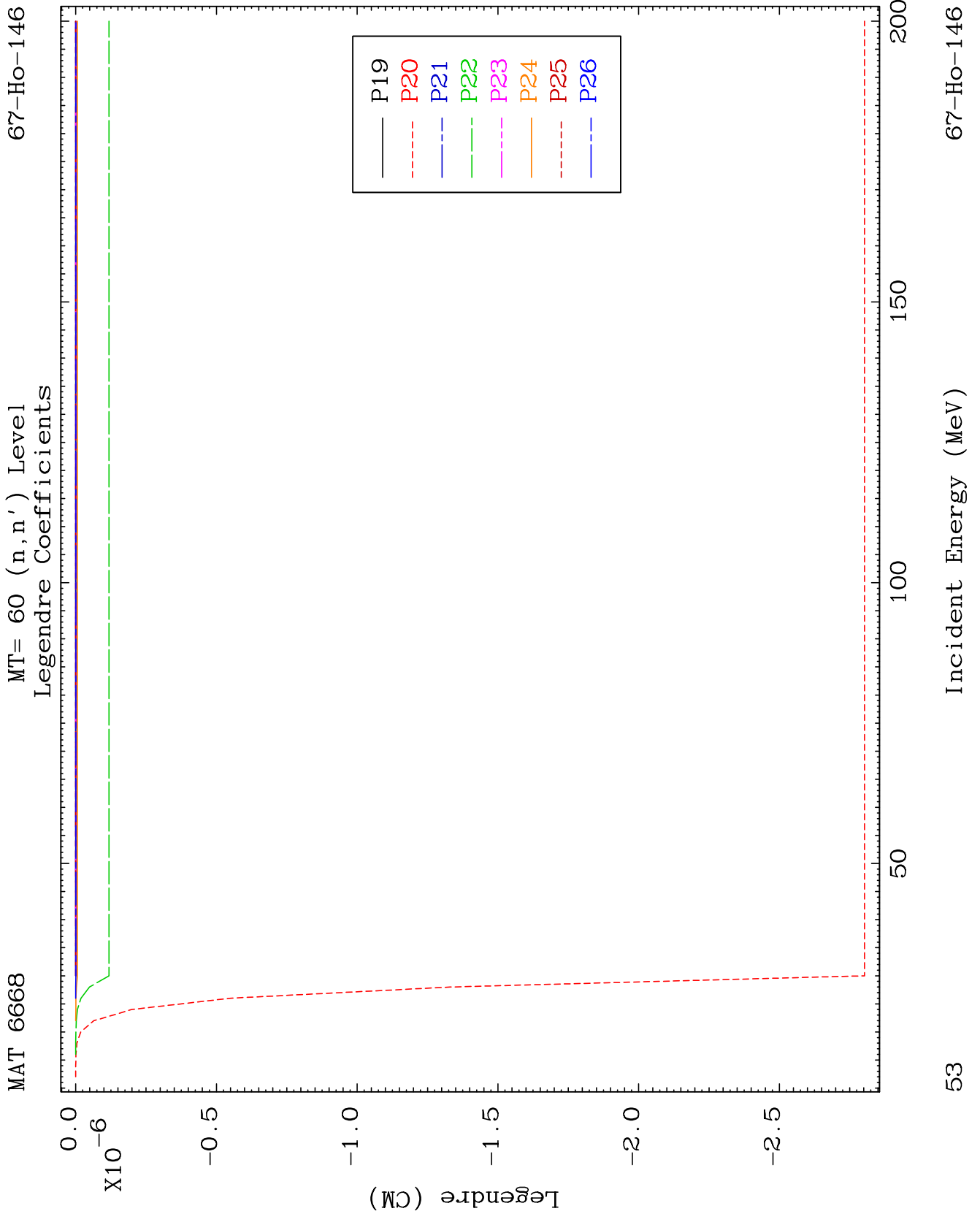


51

Incident Energy (MeV)

67-Ho-146

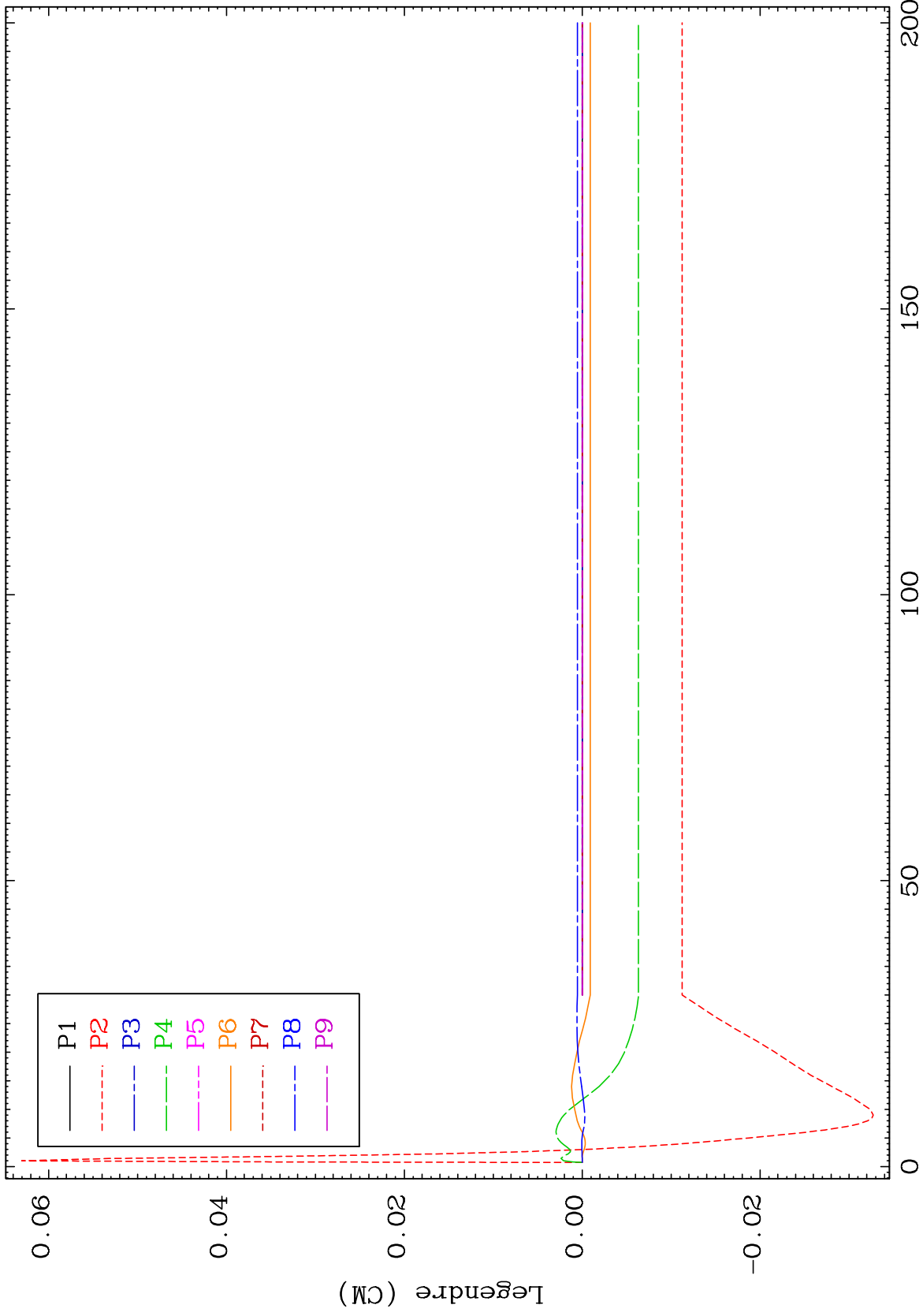




MAT 6668

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

67-Ho-146



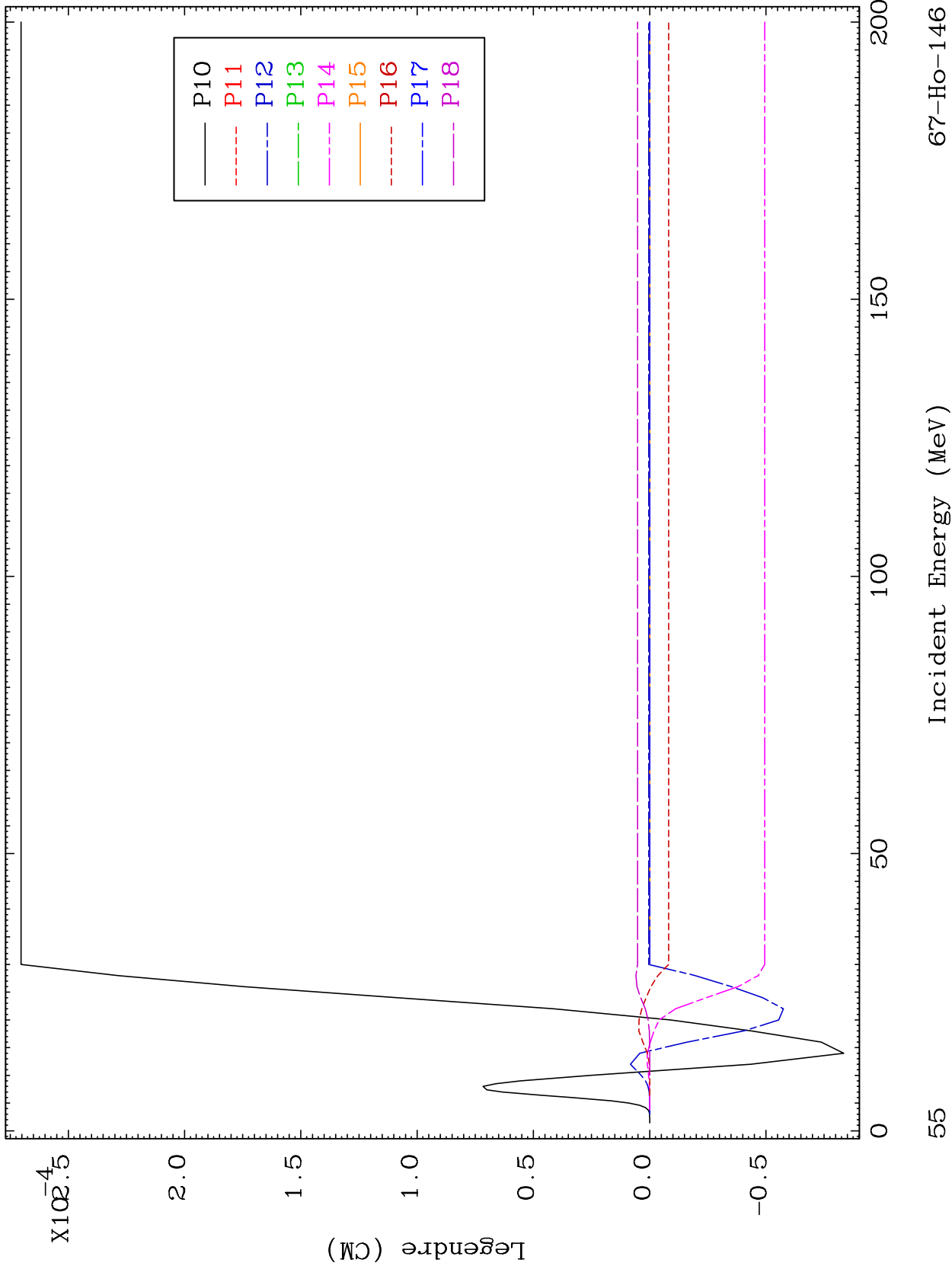
54

67-Ho-146

MAT 6668

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

67-Ho-146



55

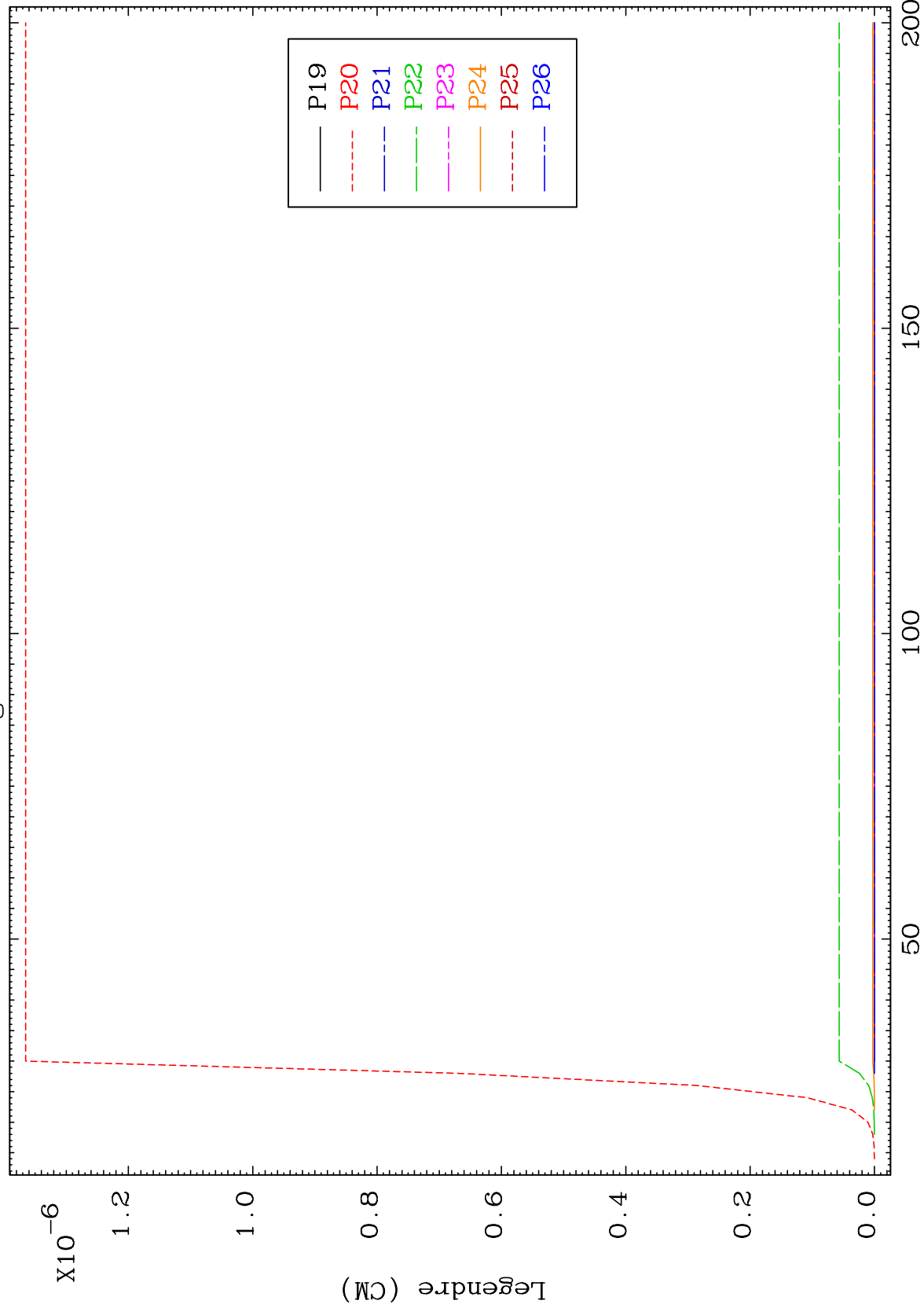
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



56

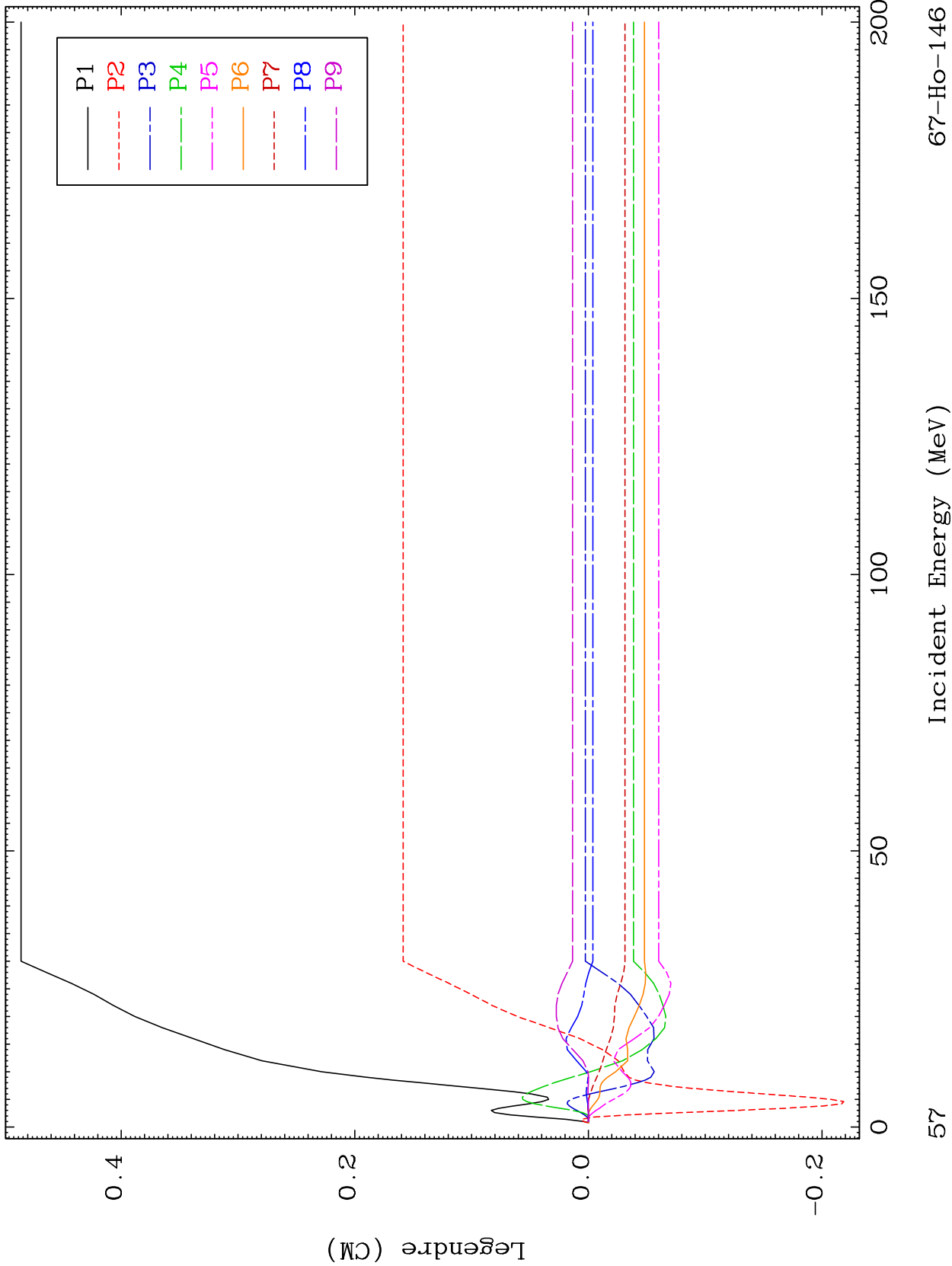
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



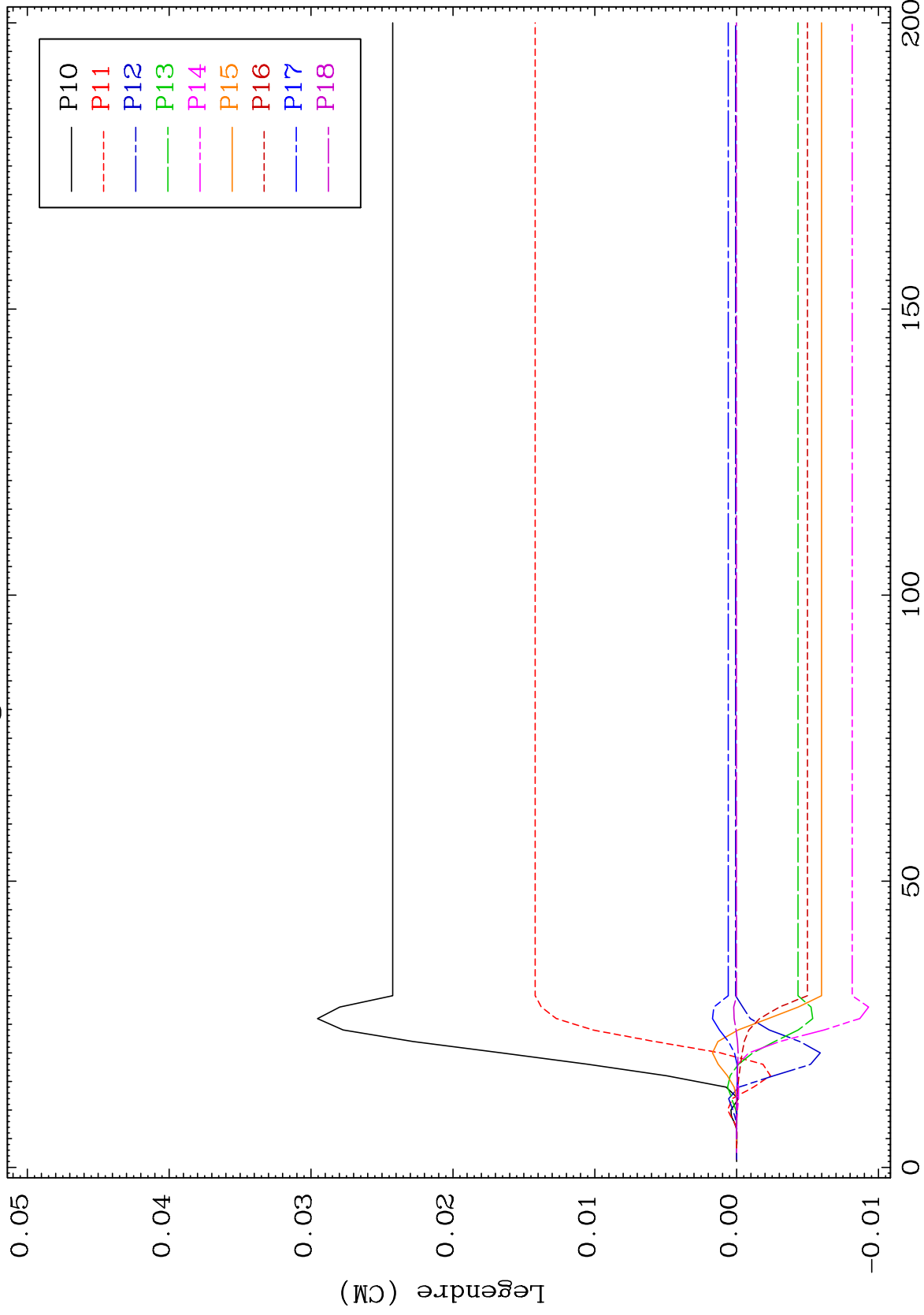
57

67-Ho-146

MAT 6668

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

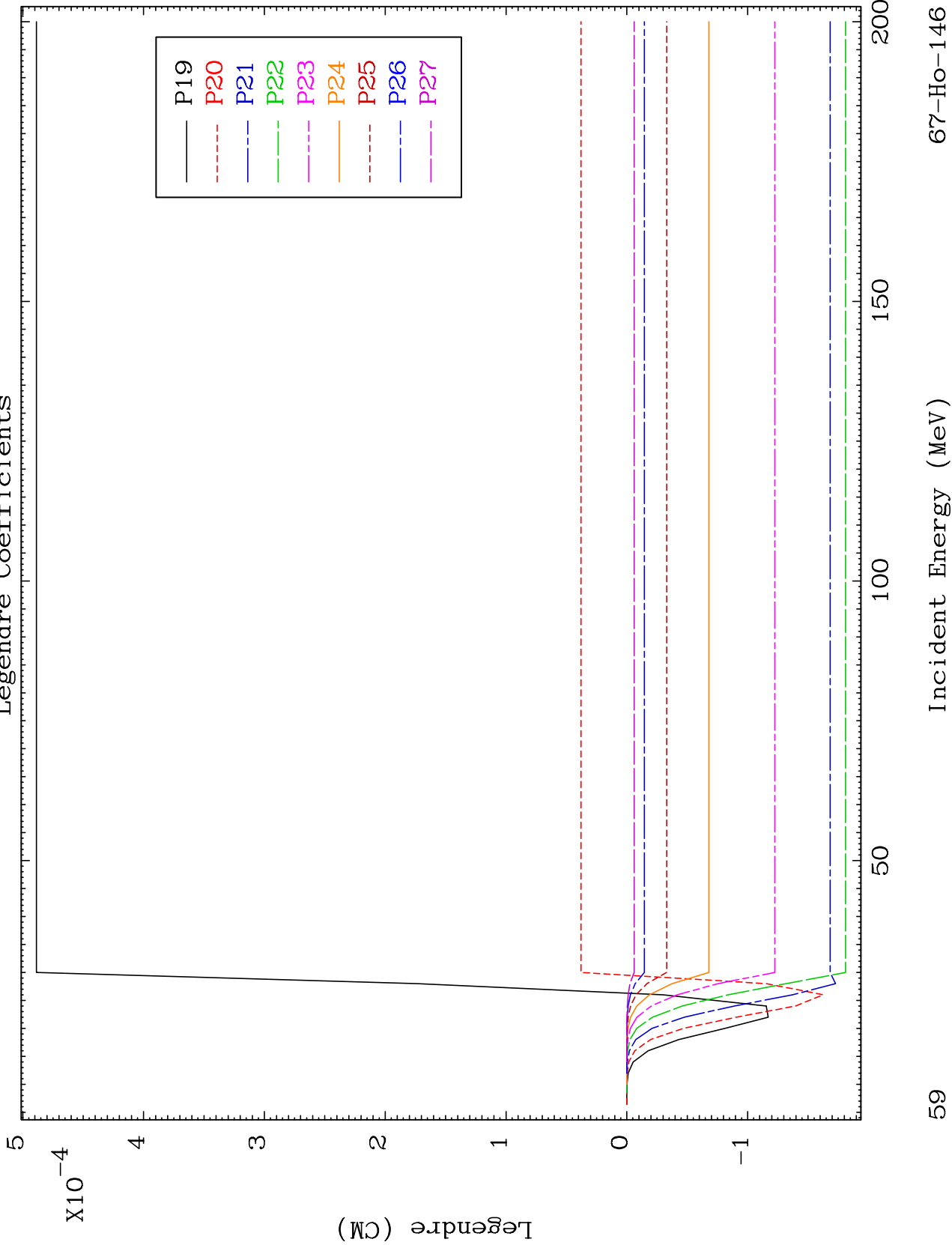
67-Ho-146

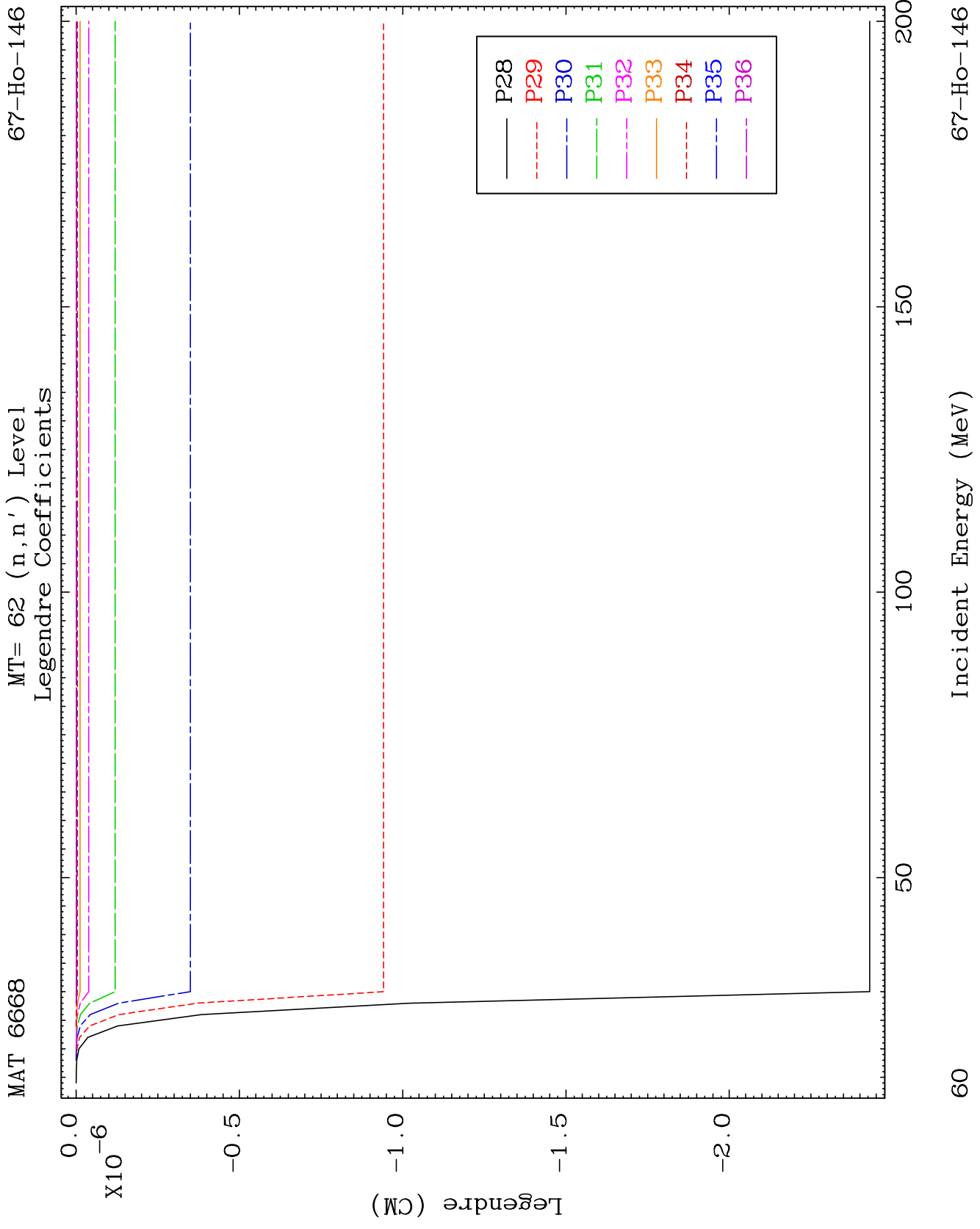


58

Incident Energy (MeV)

67-Ho-146

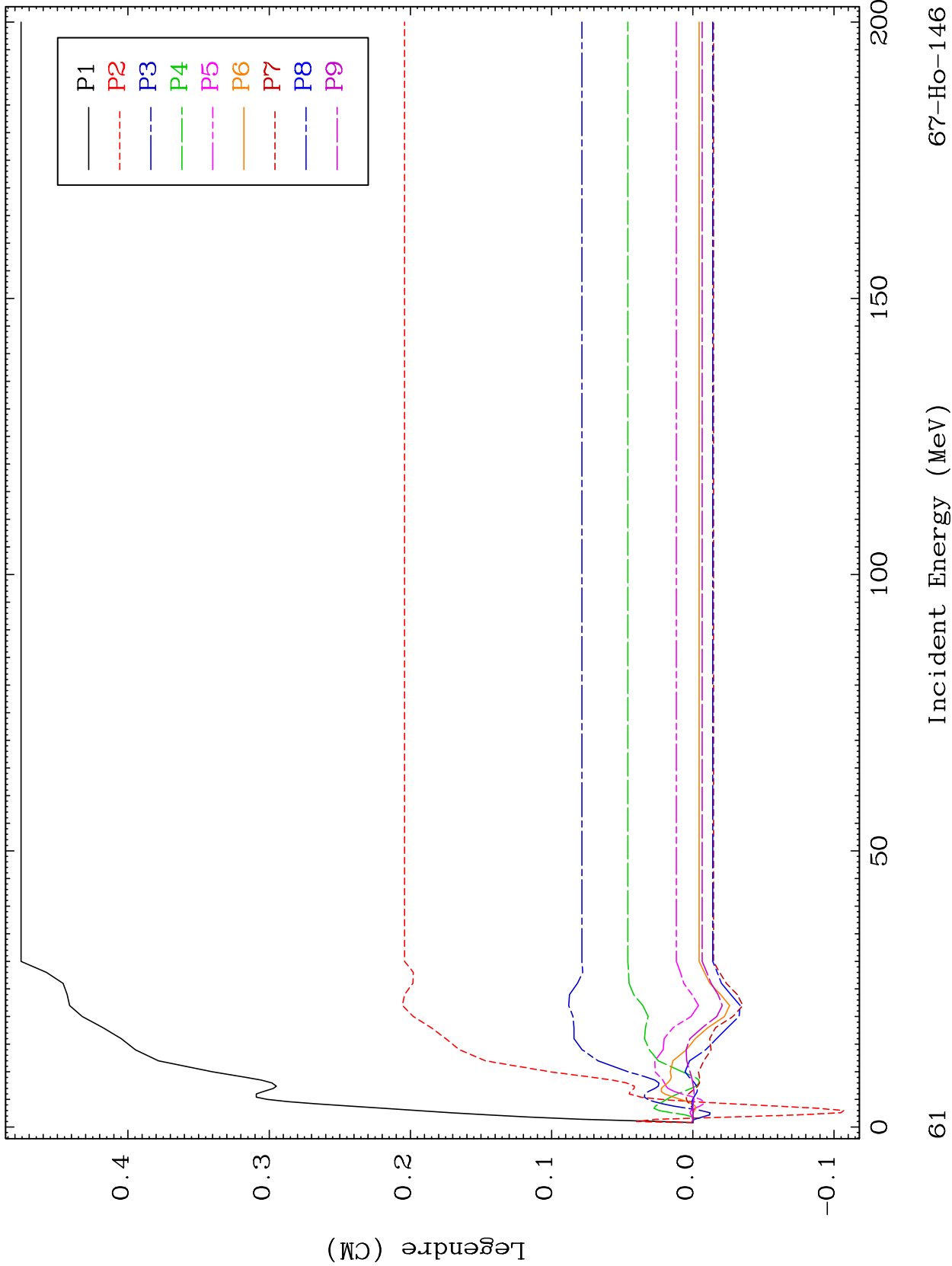




MAT 6668

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

67-Ho-146



67-Ho-146

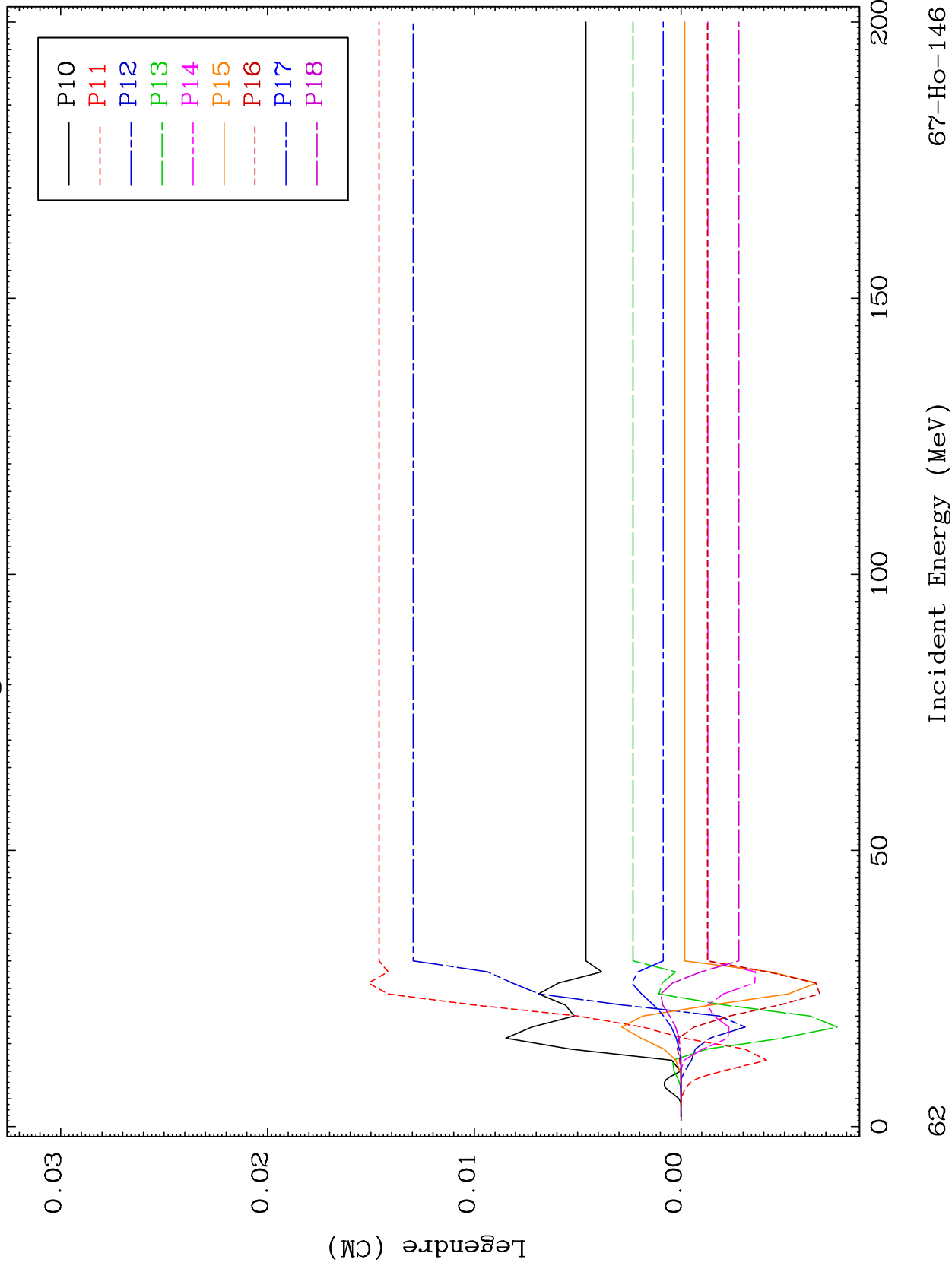
Incident Energy (MeV)

61

MAT 6668

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

67-Ho-146



67-Ho-146

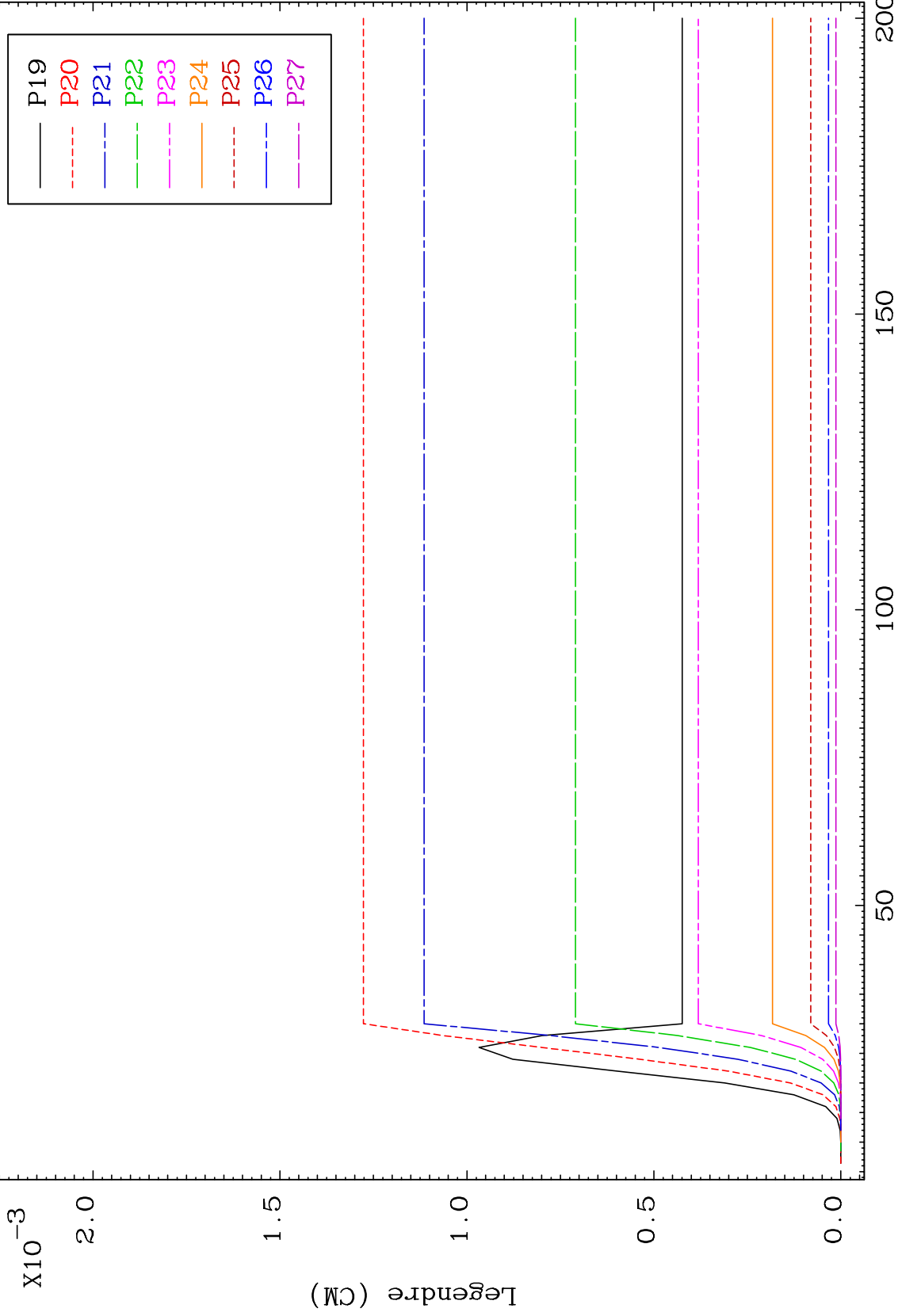
Incident Energy (MeV)

62

MAT 6668

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

67-Ho-146



63

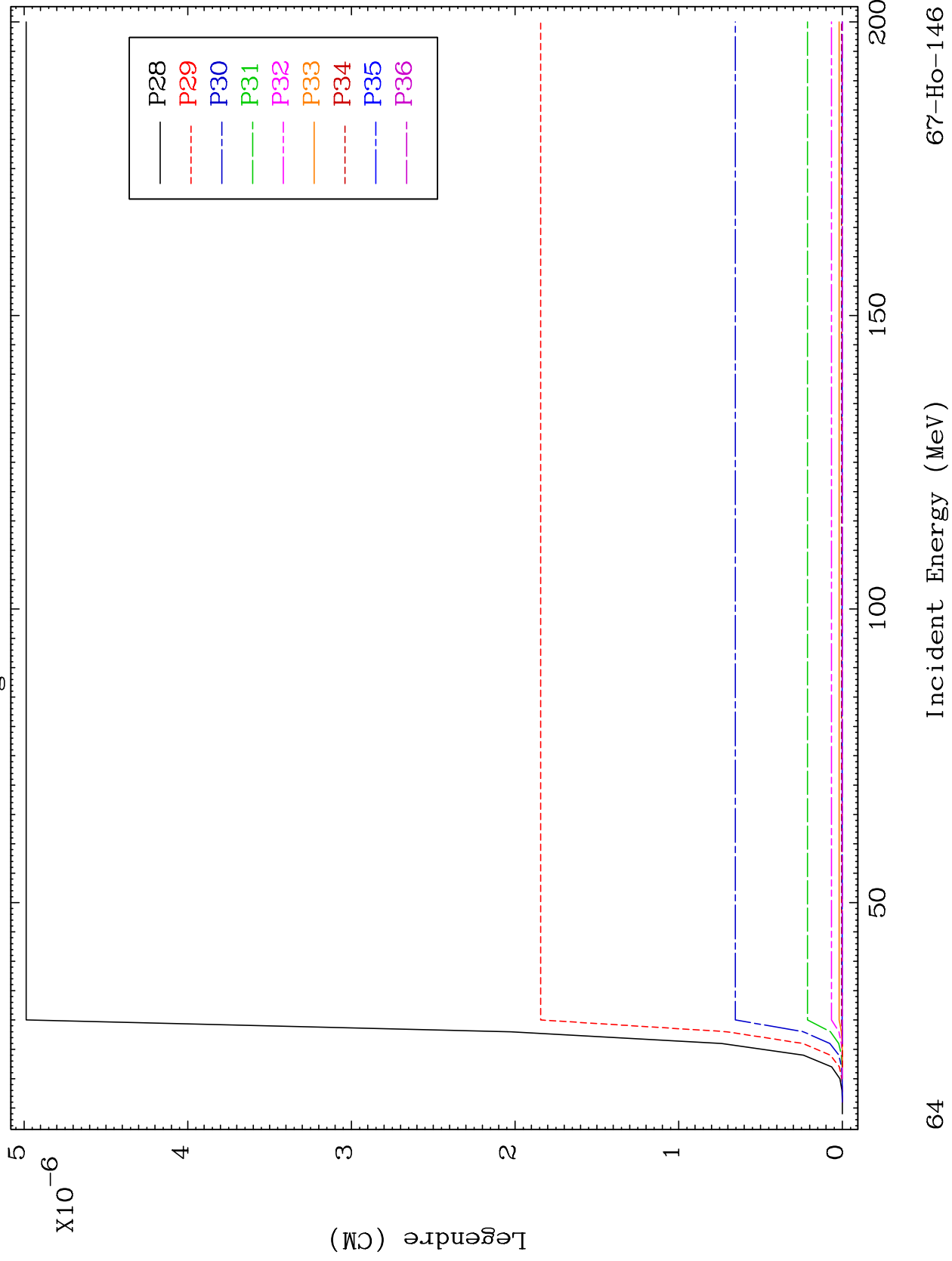
Incident Energy (MeV)

67-Ho-146

MAT 6668

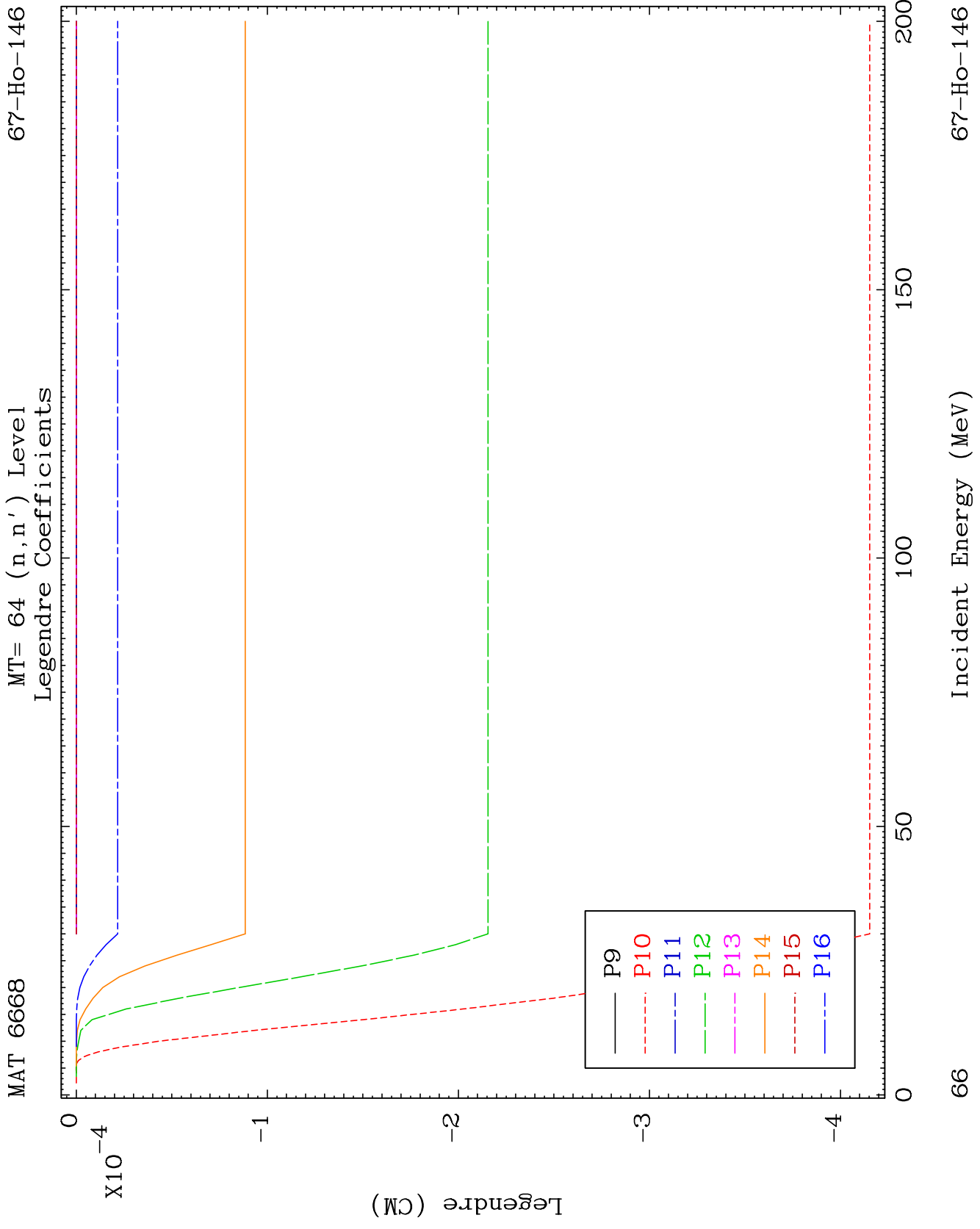
MT= 63 (n,n') Level
Legendre Coefficients

67-Ho-146



64

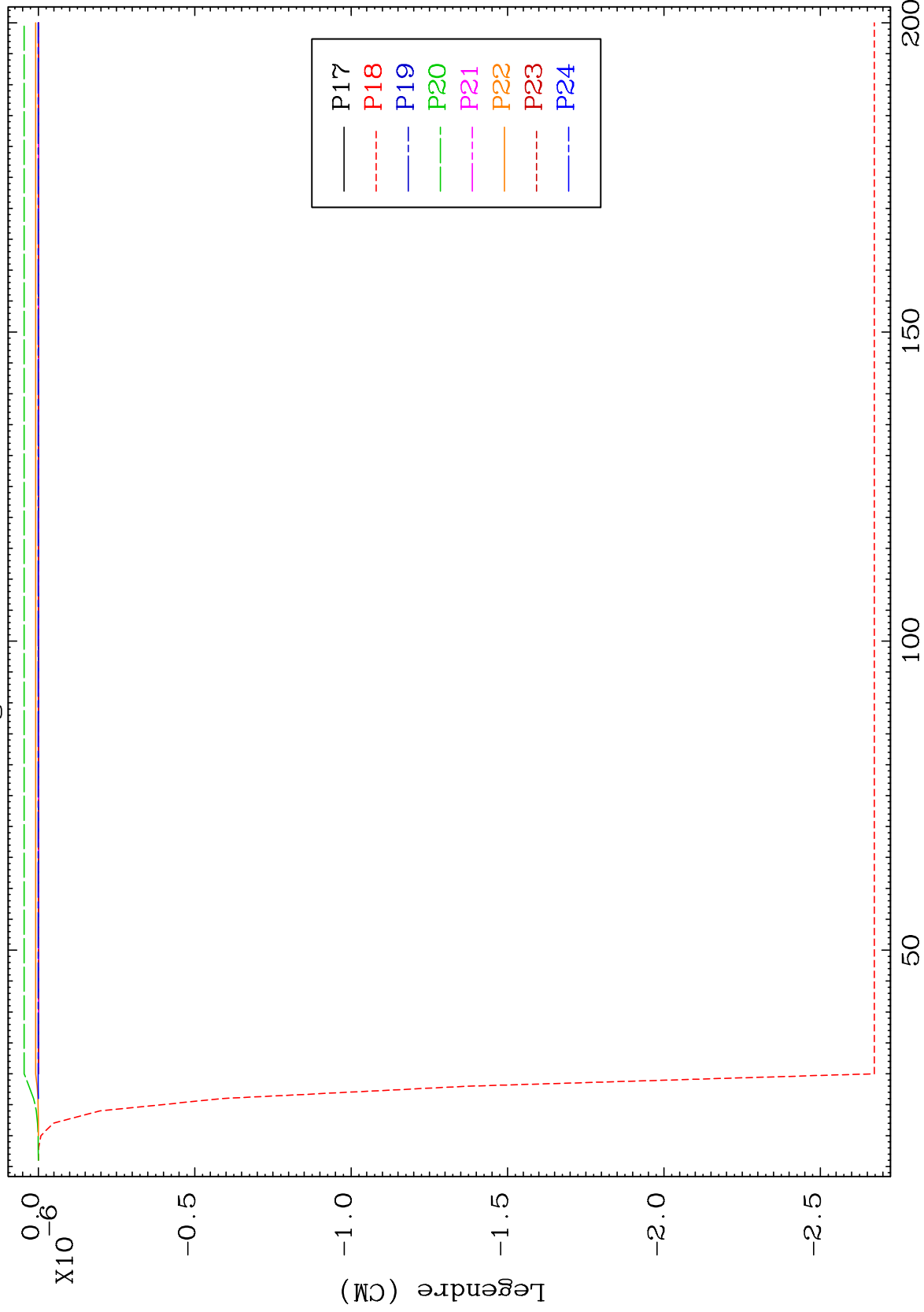
67-Ho-146



MAT 6668

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

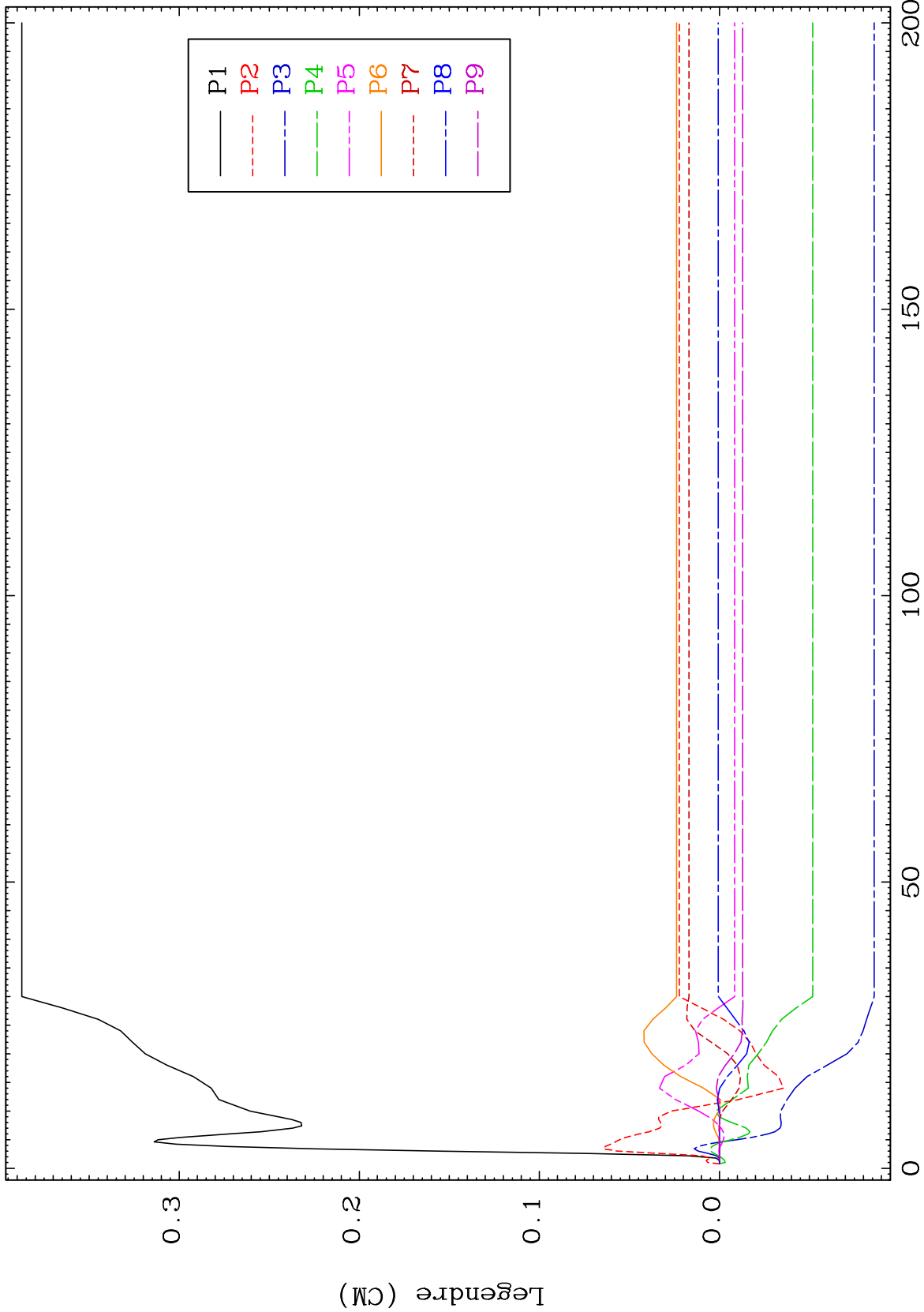
67-Ho-146



67

Incident Energy (MeV)

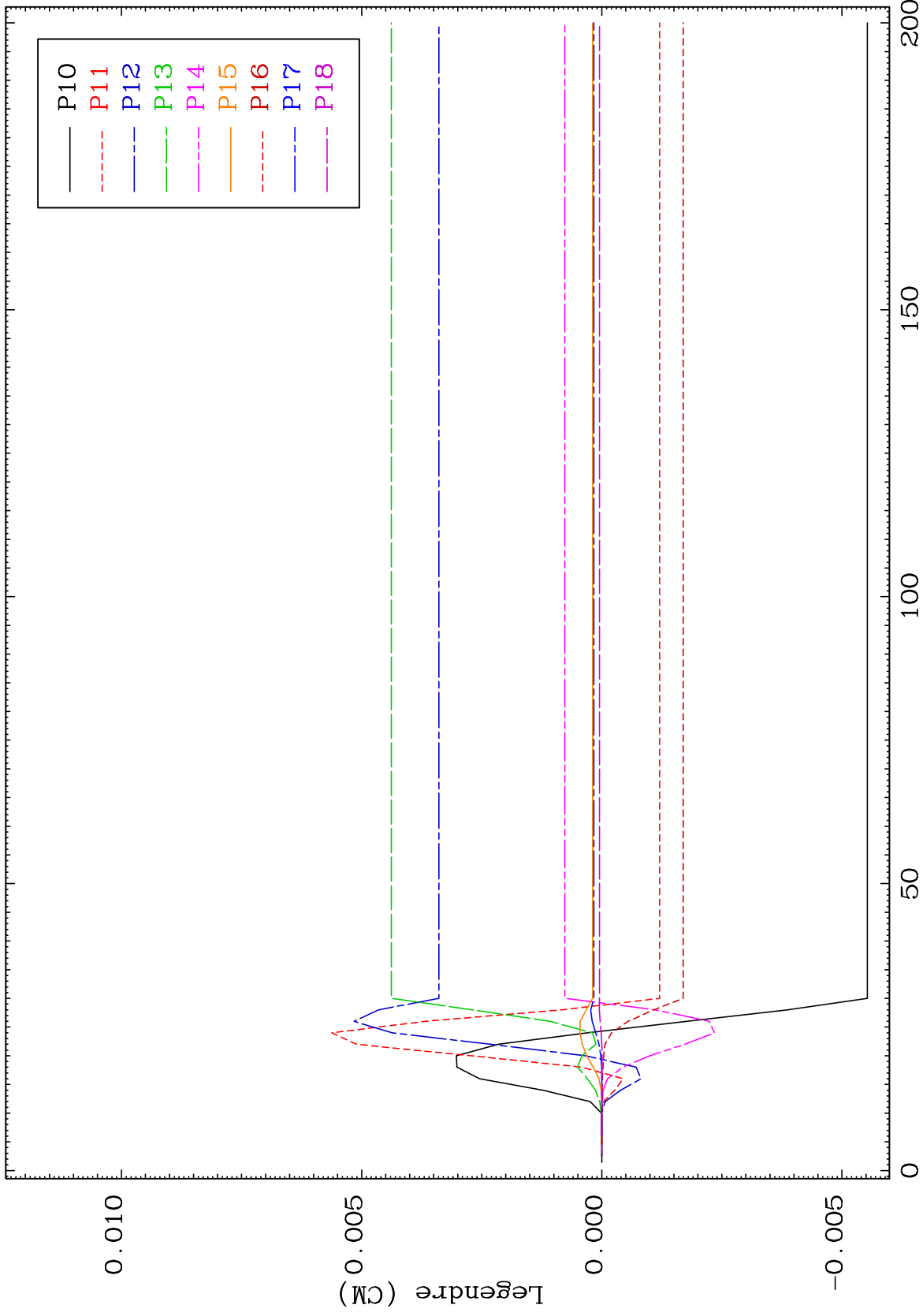
67-Ho-146



MAT 6668

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

67-Ho-146



69

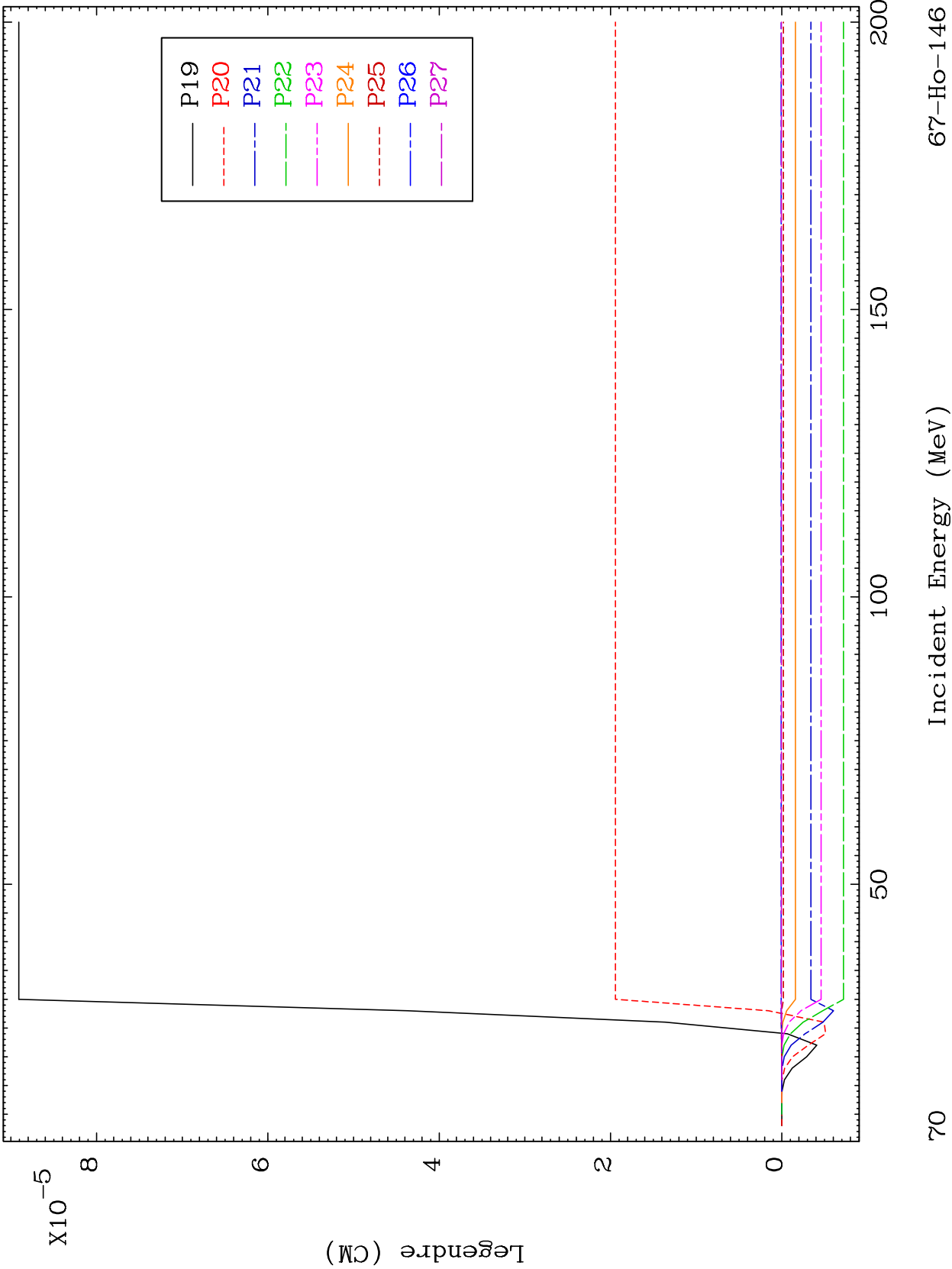
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



70

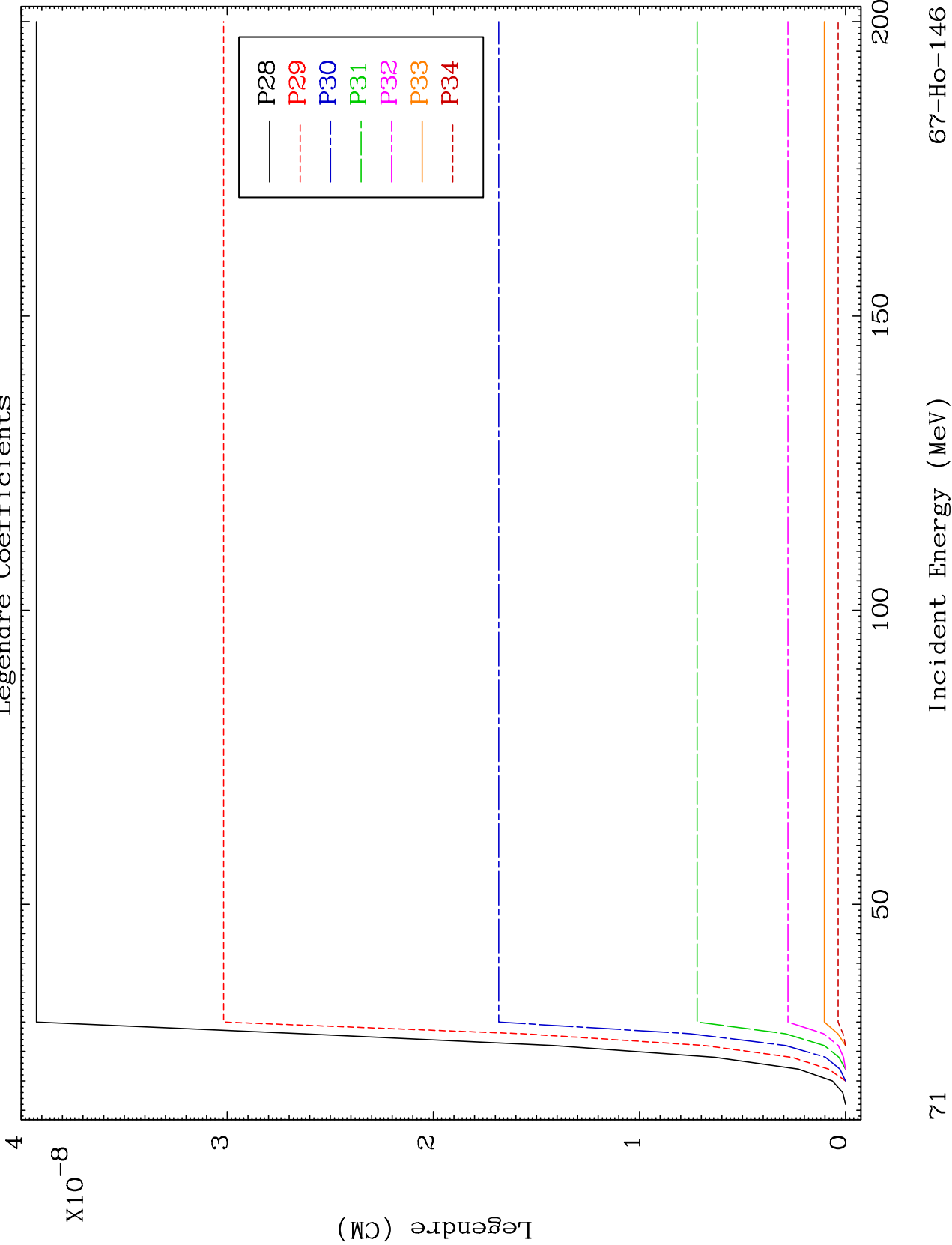
Incident Energy (MeV)

67-Ho-146

MAT 6668

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

67-Ho-146



71

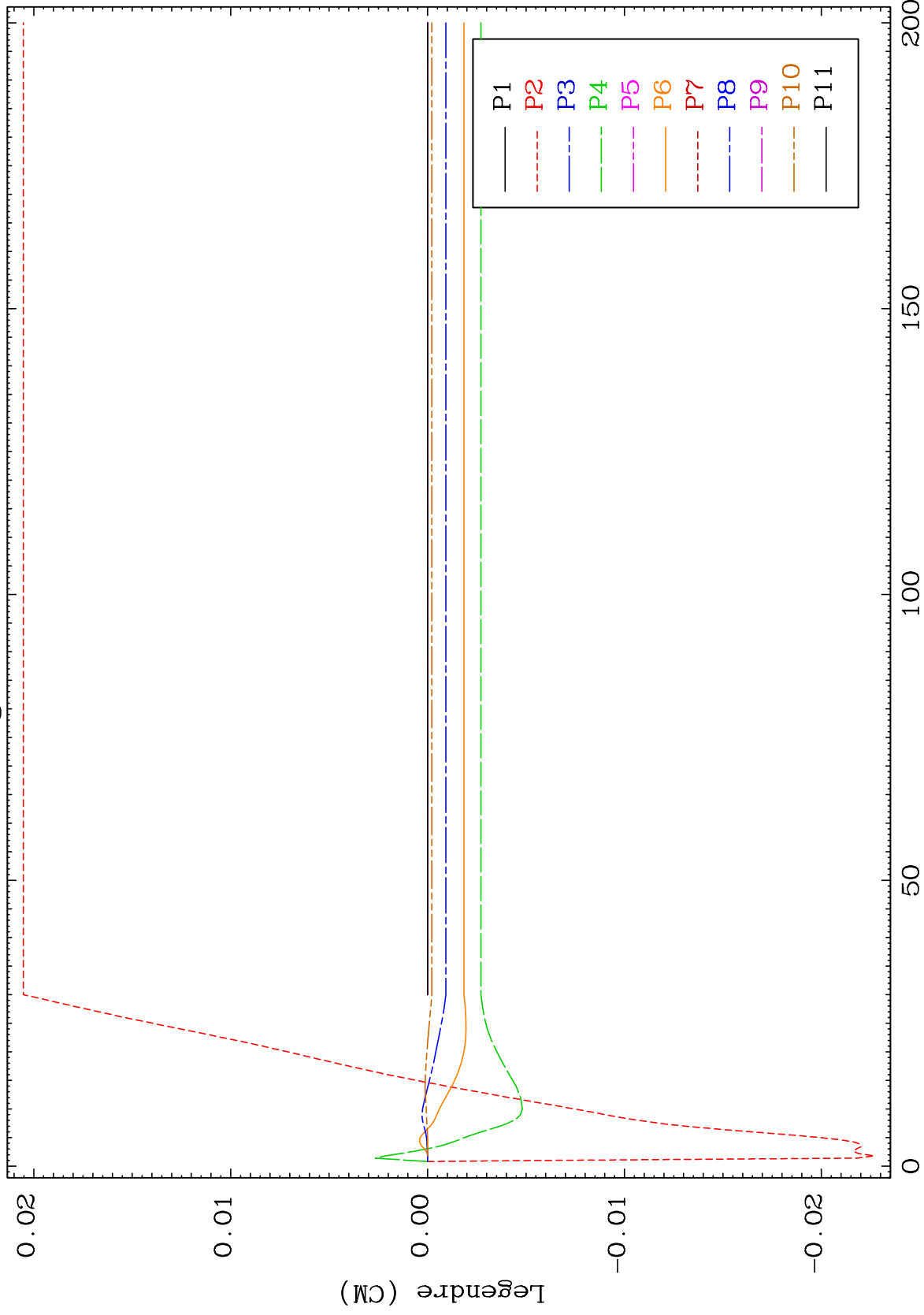
Incident Energy (MeV)

67-Ho-146

MAT 6668

MT= 66 (n,n') Level
Legendre Coefficients

67-Ho-146



72

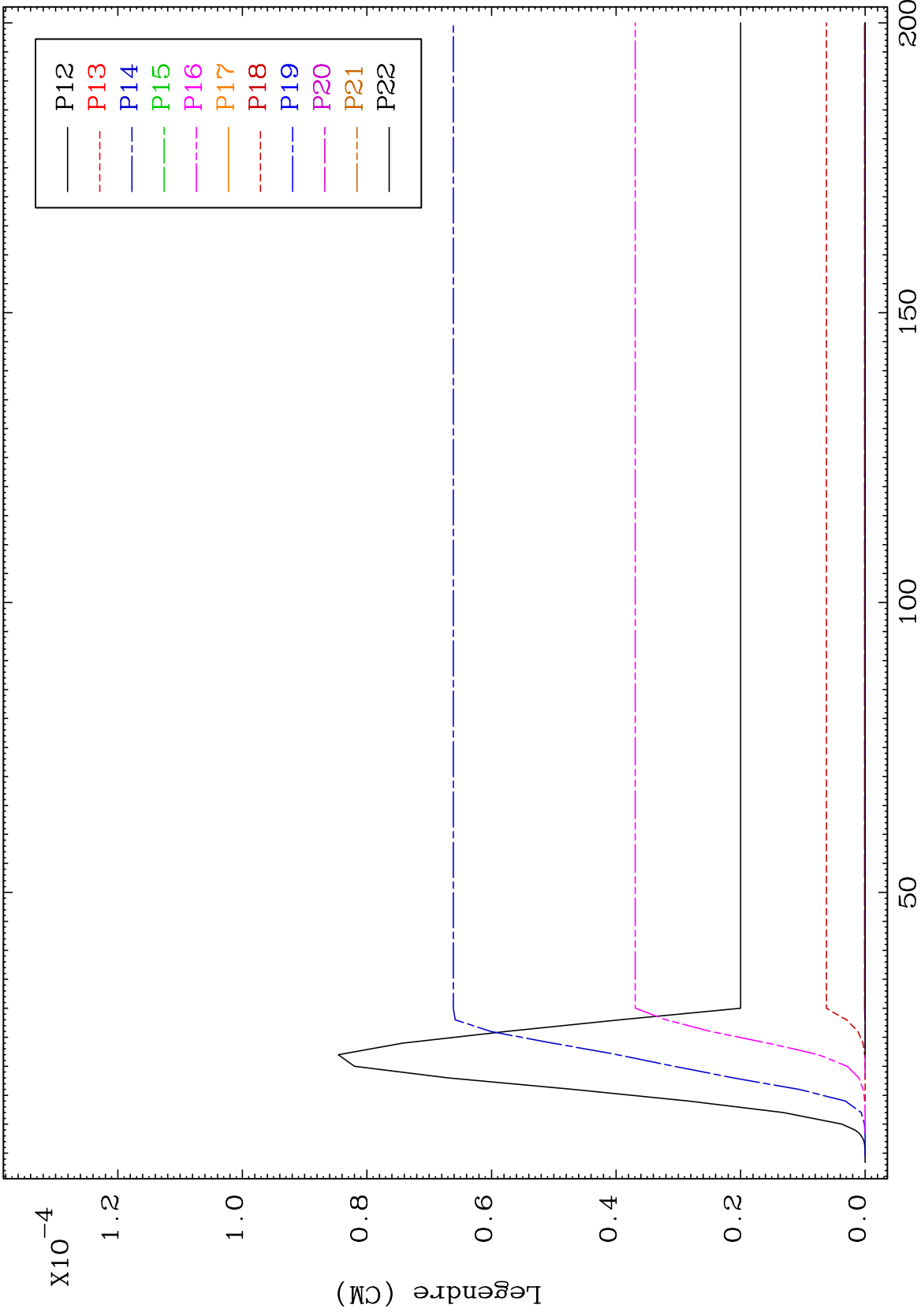
Incident Energy (MeV)

67-Ho-146

MAT 6668

MT= 66 (n,n') Level
Legendre Coefficients

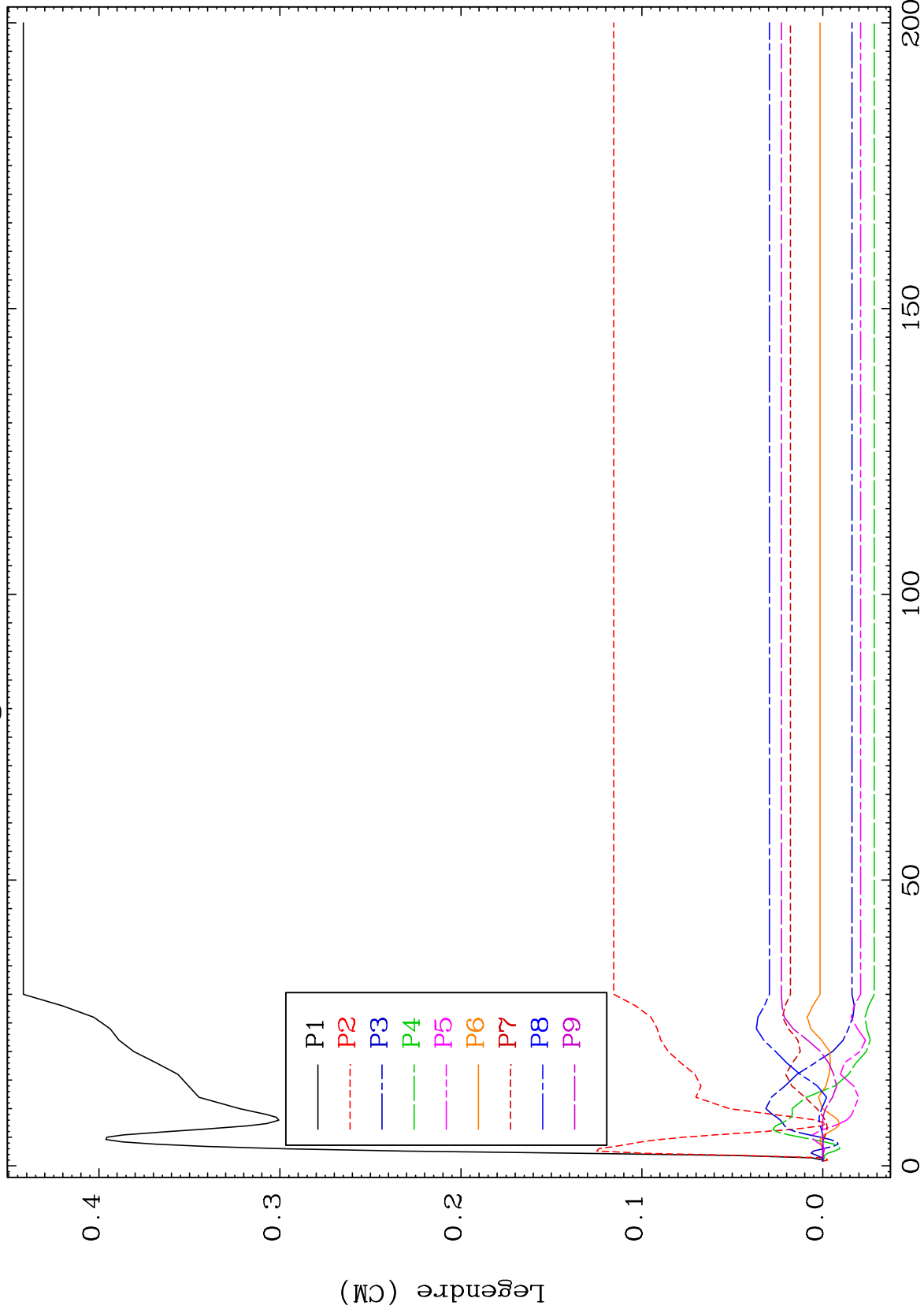
67-Ho-146



73

Incident Energy (MeV)

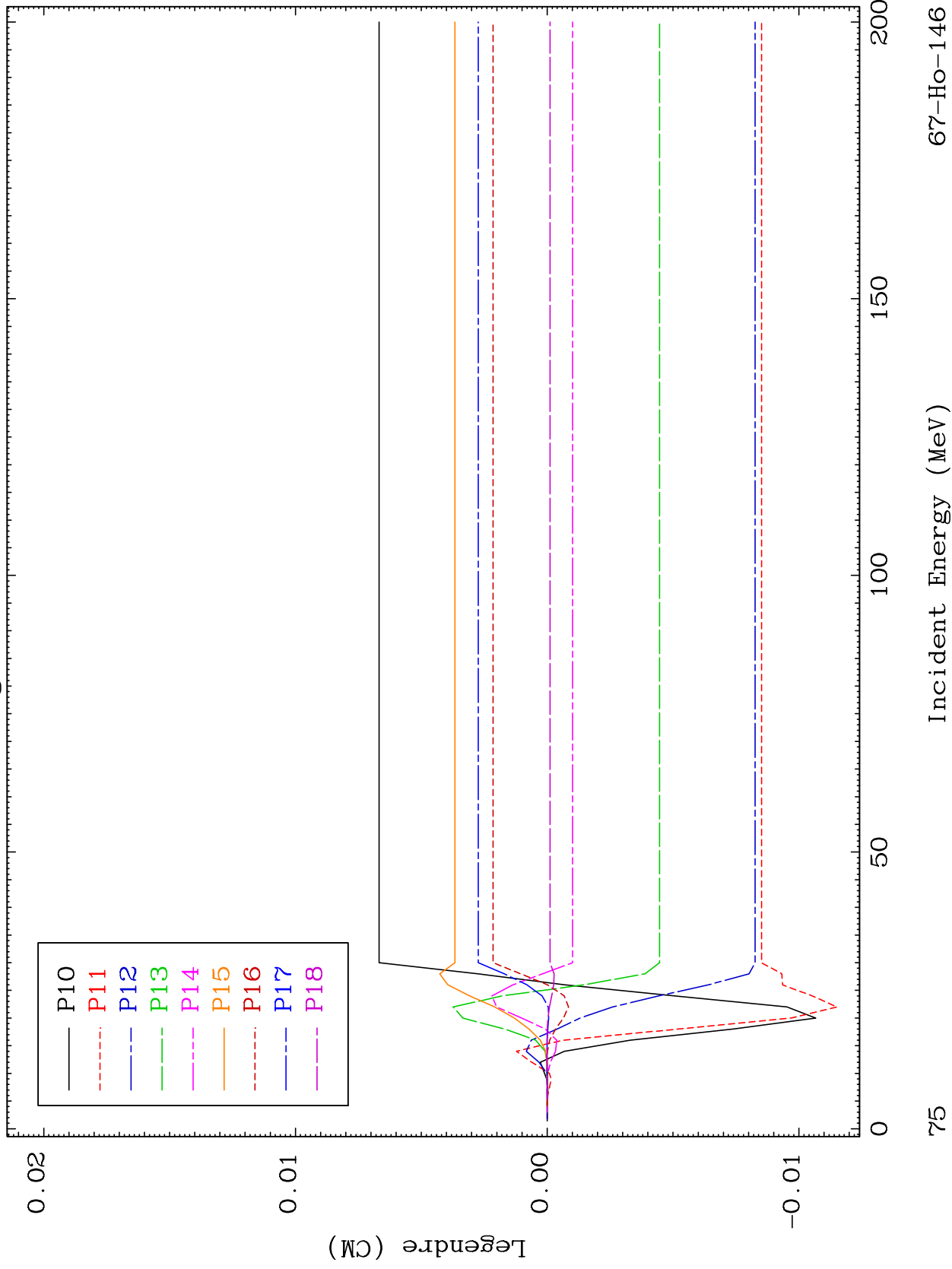
67-Ho-146



MAT 6668

MT= 67 (n,n') Level
Legendre Coefficients

67-Ho-146



67-Ho-146

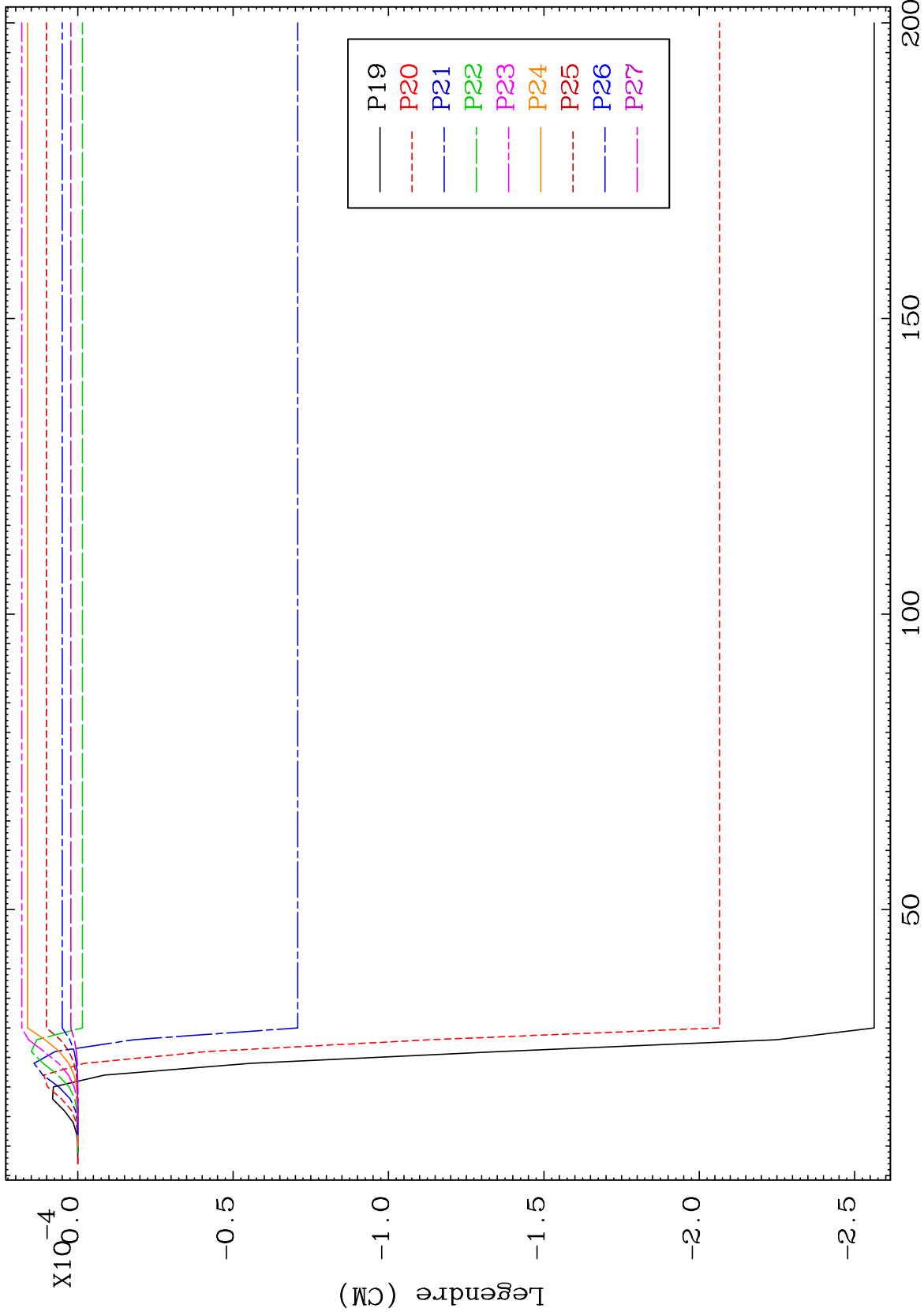
Incident Energy (MeV)

75

MAT 6668

MT= 67 (n,n') Level
Legendre Coefficients

67-Ho-146



76

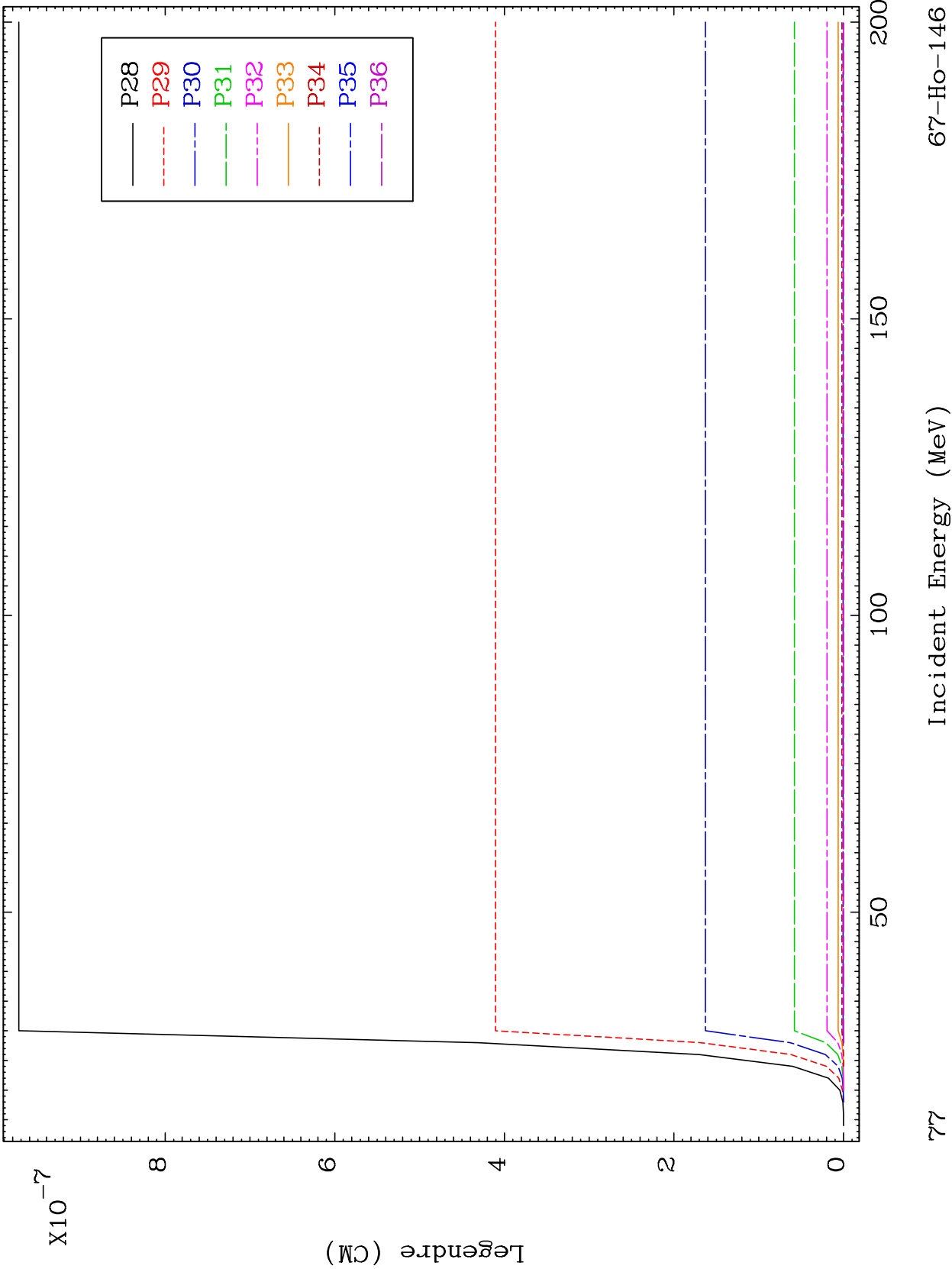
Incident Energy (MeV)

67-Ho-146

MAT 6668

MT= 67 (n,n') Level
Legendre Coefficients

67-Ho-146



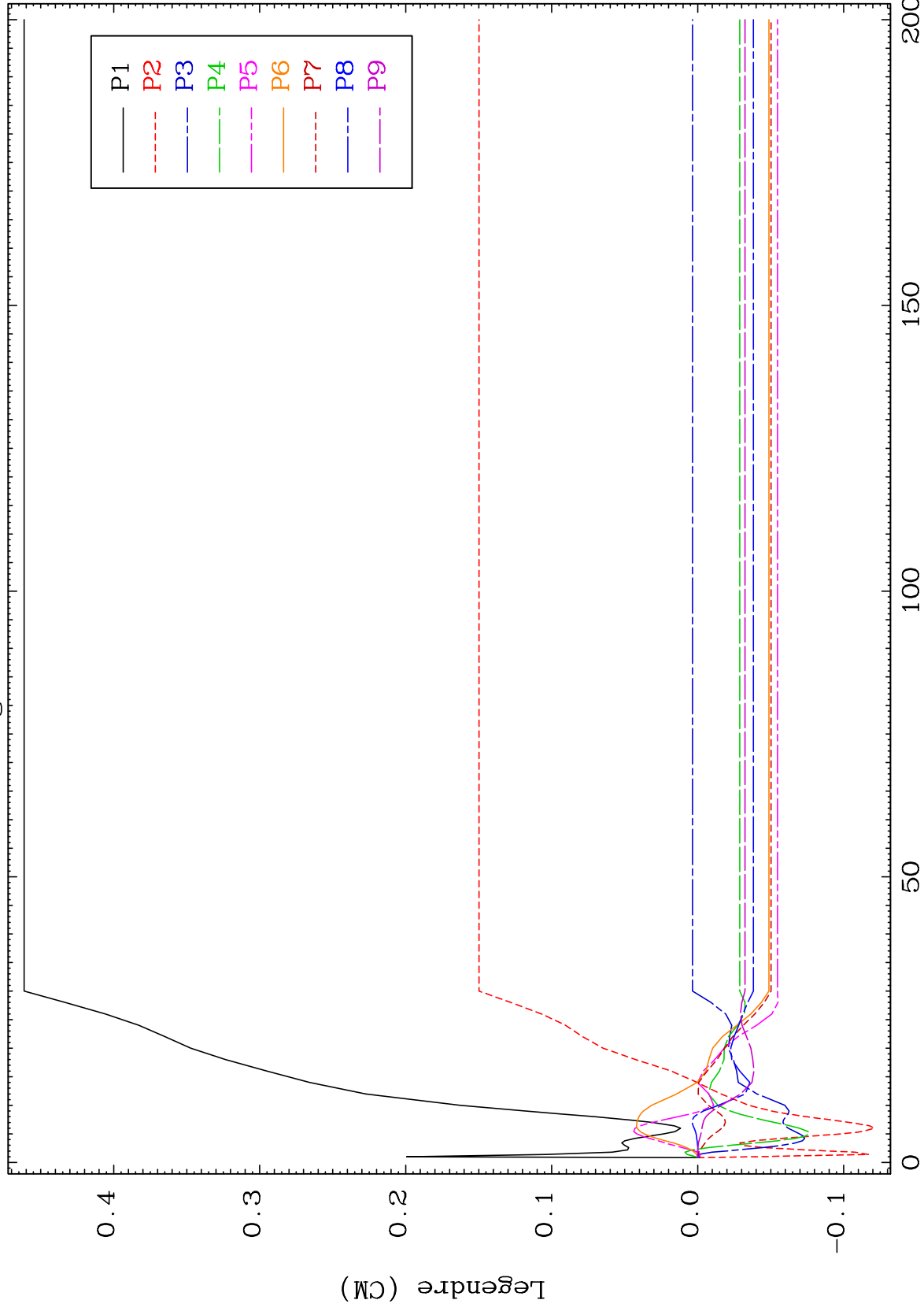
77

67-Ho-146

MAT 6668

MT= 68 (n,n') Level
Legendre Coefficients

67-Ho-146



78

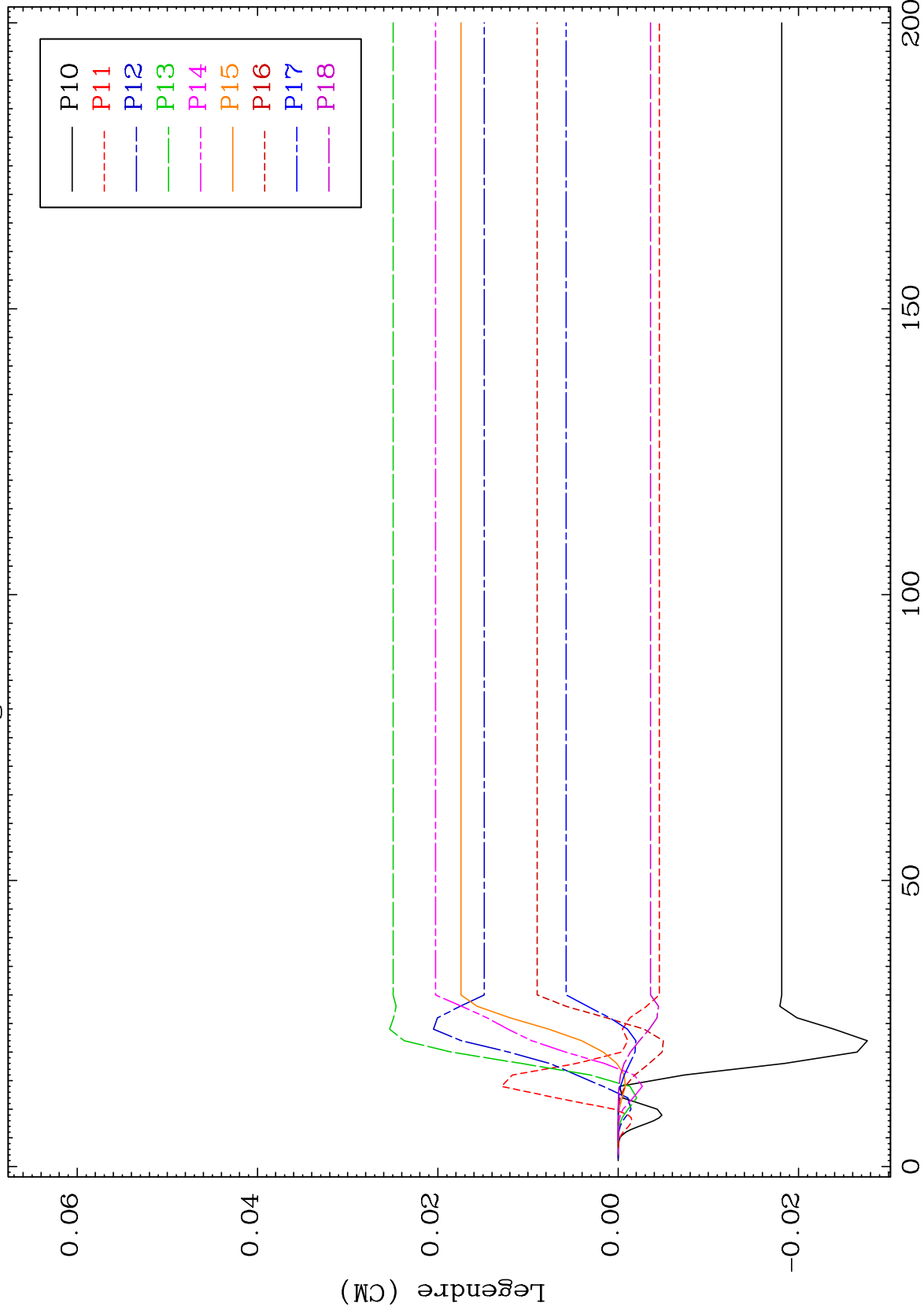
Incident Energy (MeV)

67-Ho-146

MAT 6668

MT= 68 (n,n') Level
Legendre Coefficients

67-Ho-146



79

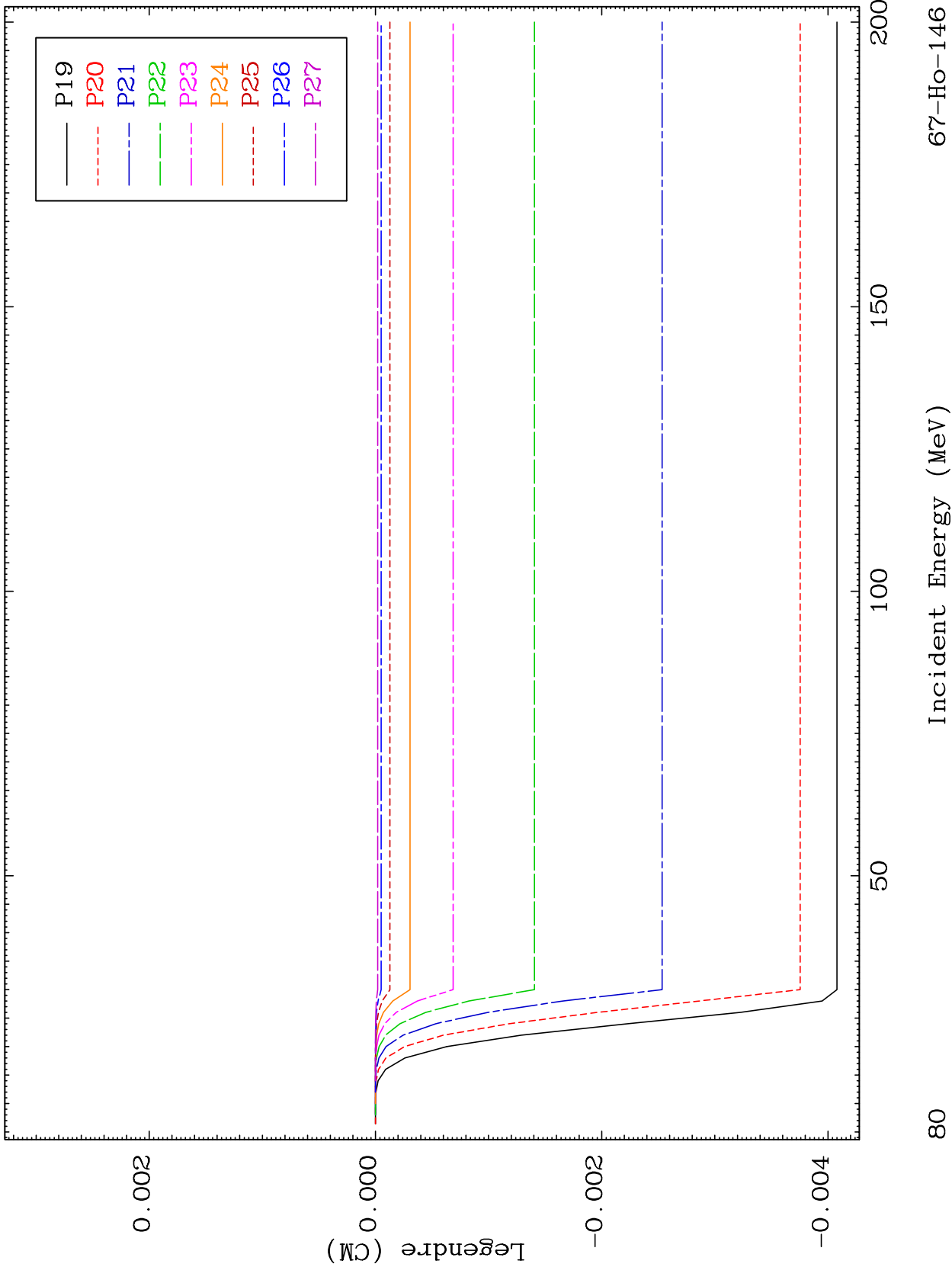
Incident Energy (MeV)

67-Ho-146

MAT 6668

MT= 68 (n,n') Level
Legendre Coefficients

67-Ho-146



80

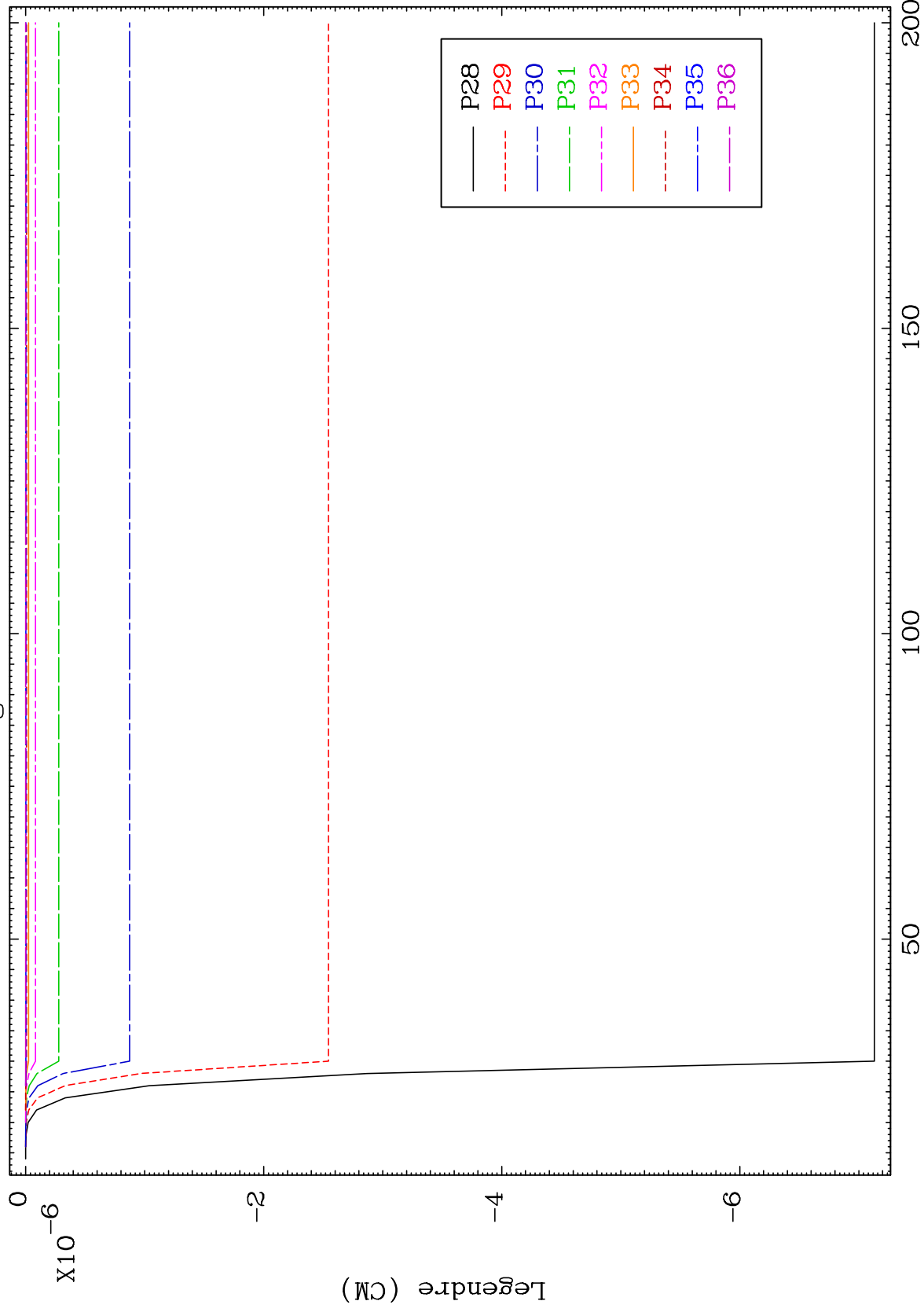
Incident Energy (MeV)

67-Ho-146

MAT 6668

MT= 68 (n,n') Level
Legendre Coefficients

67-Ho-146



81

Incident Energy (MeV)

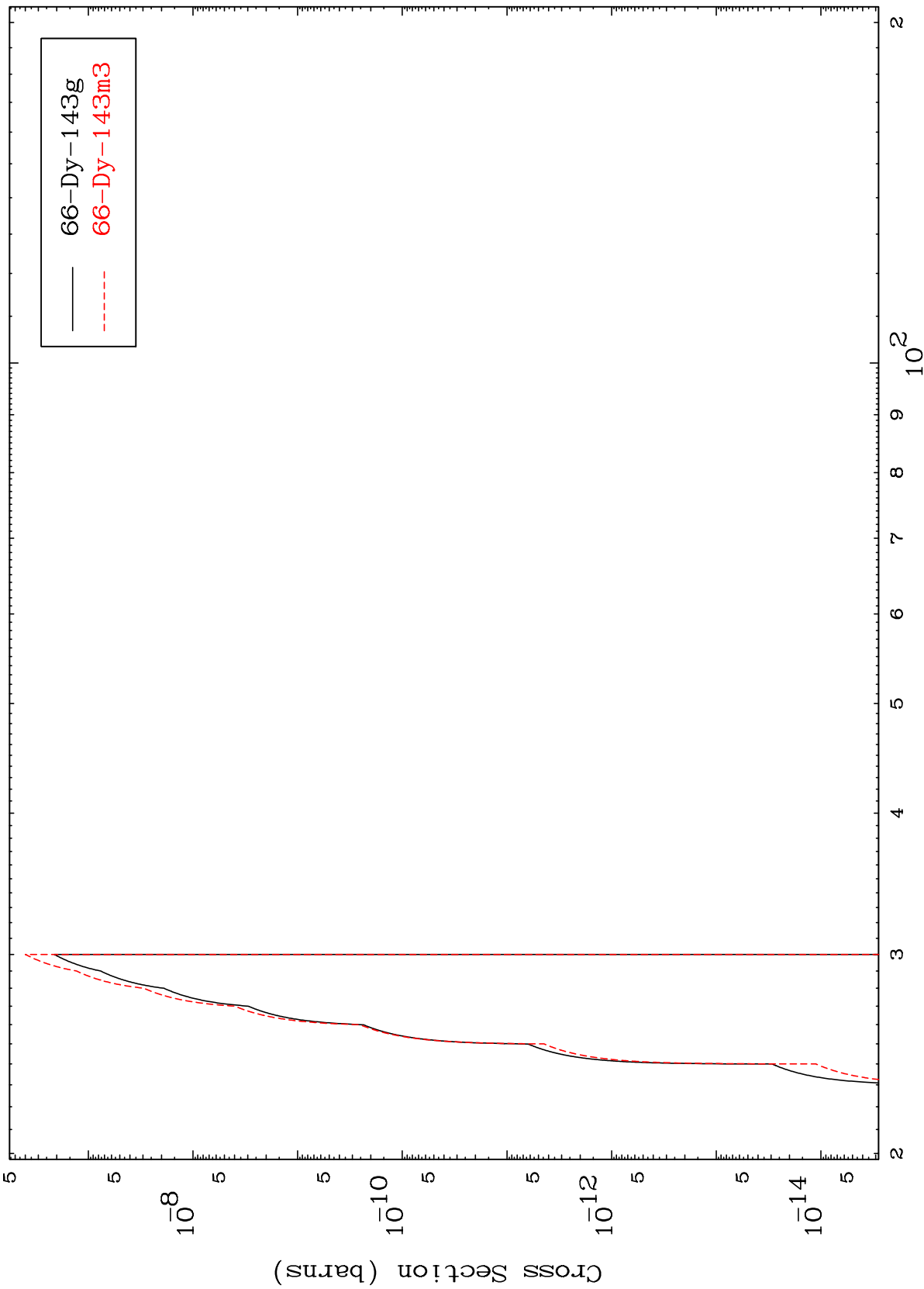
67-Ho-146

MAT 6668

(n,2n) d

67-Ho-146

Radionuclide Production Cross Section



82

Incident Energy (MeV)

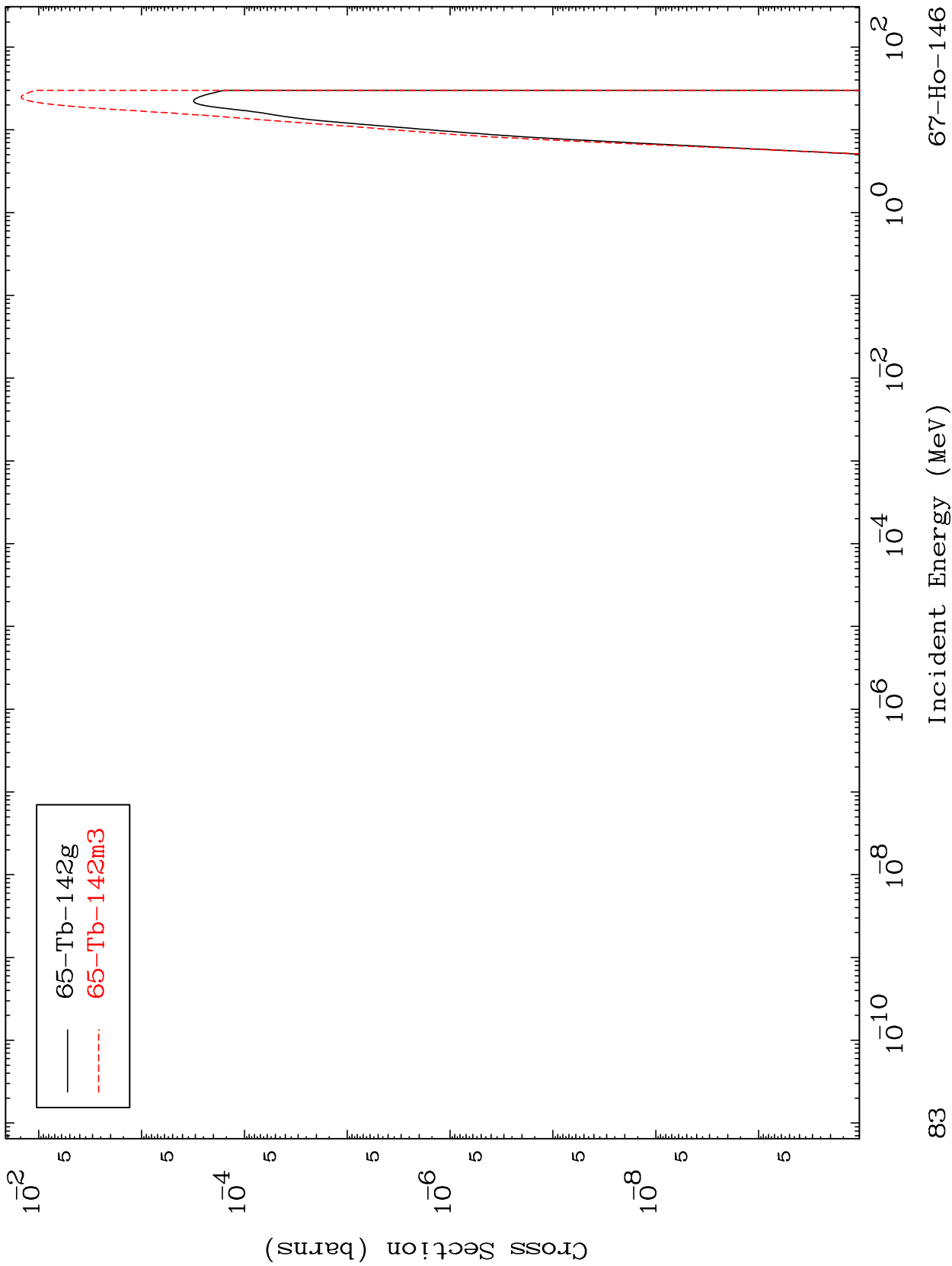
67-Ho-146

MAT 6668

$(n, n') \alpha$

$^{67}\text{Ho-146}$

Radionuclide Production Cross Section

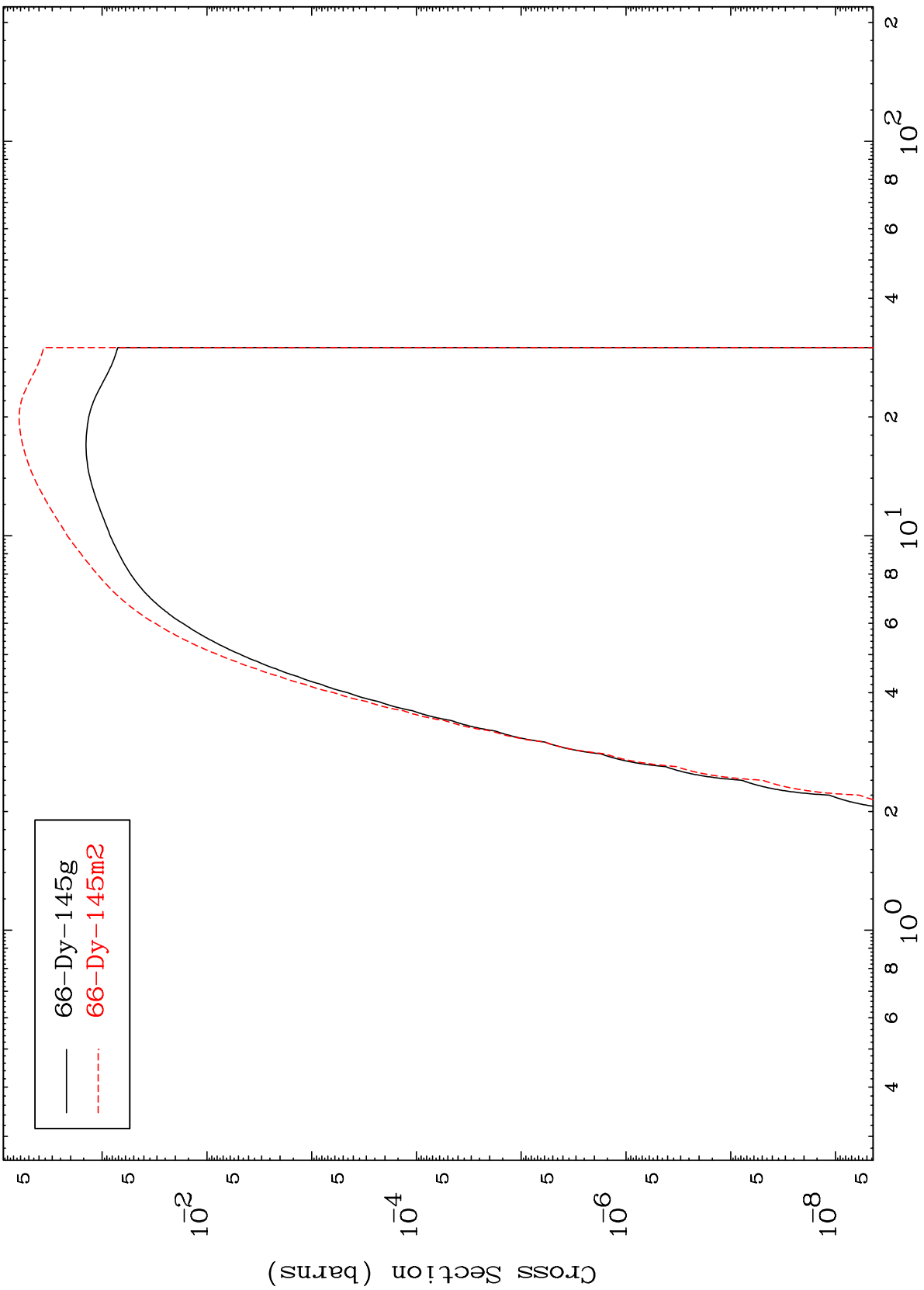


MAT 6668

(n,n') p

67-Ho-146

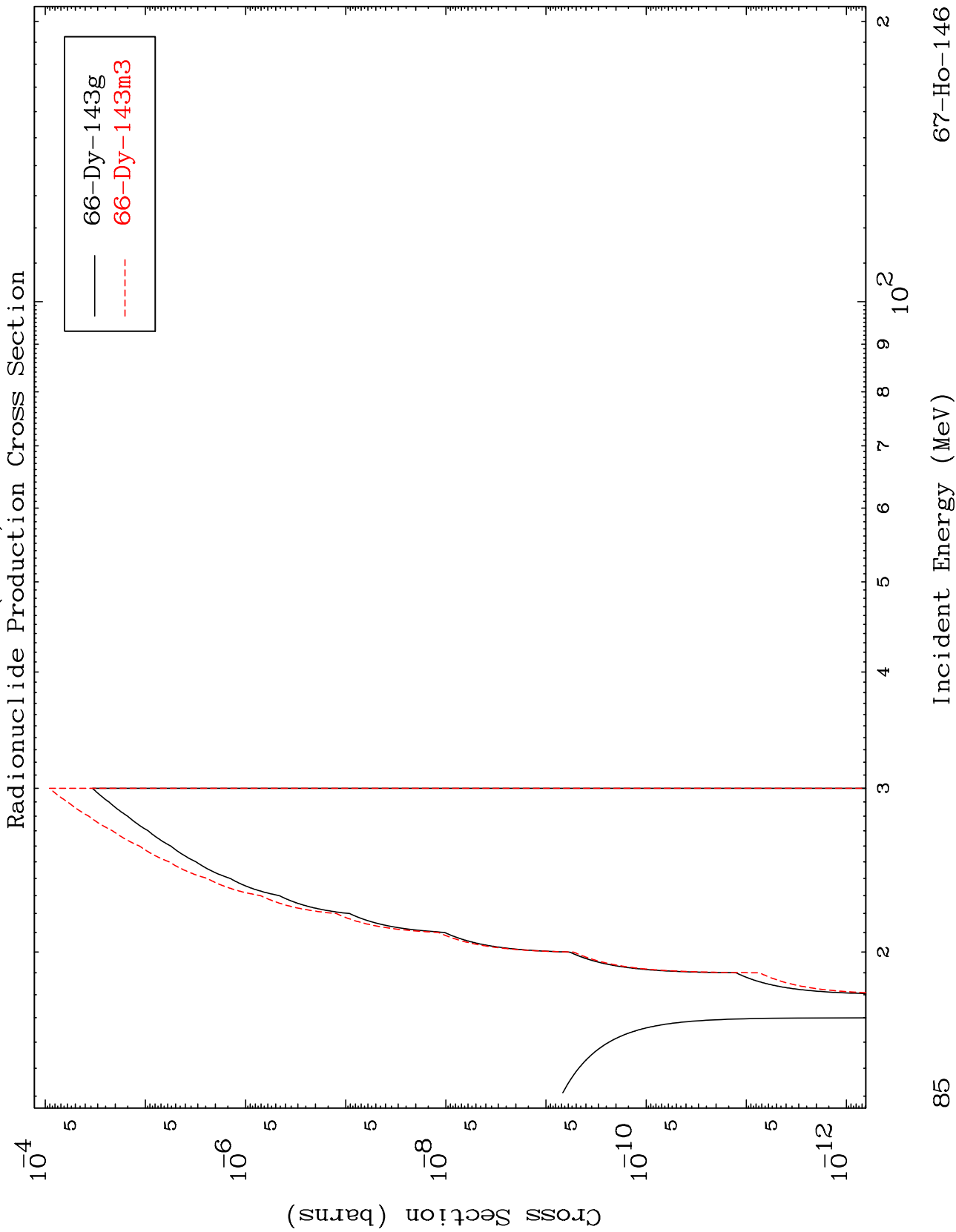
Radionuclide Production Cross Section



84

Incident Energy (MeV)

67-Ho-146

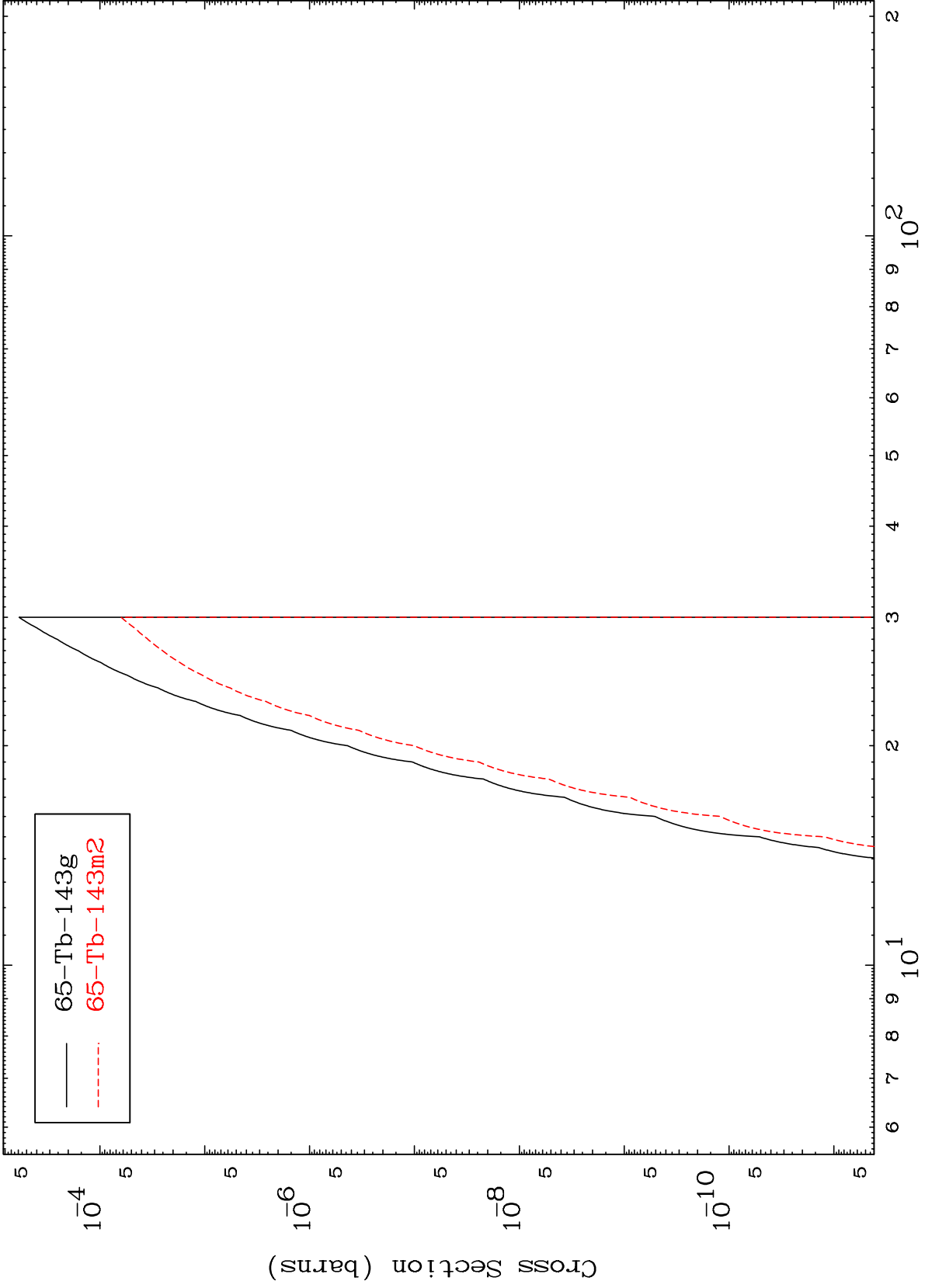


MAT 6668

(n,n') He-3

67-Ho-146

Radionuclide Production Cross Section

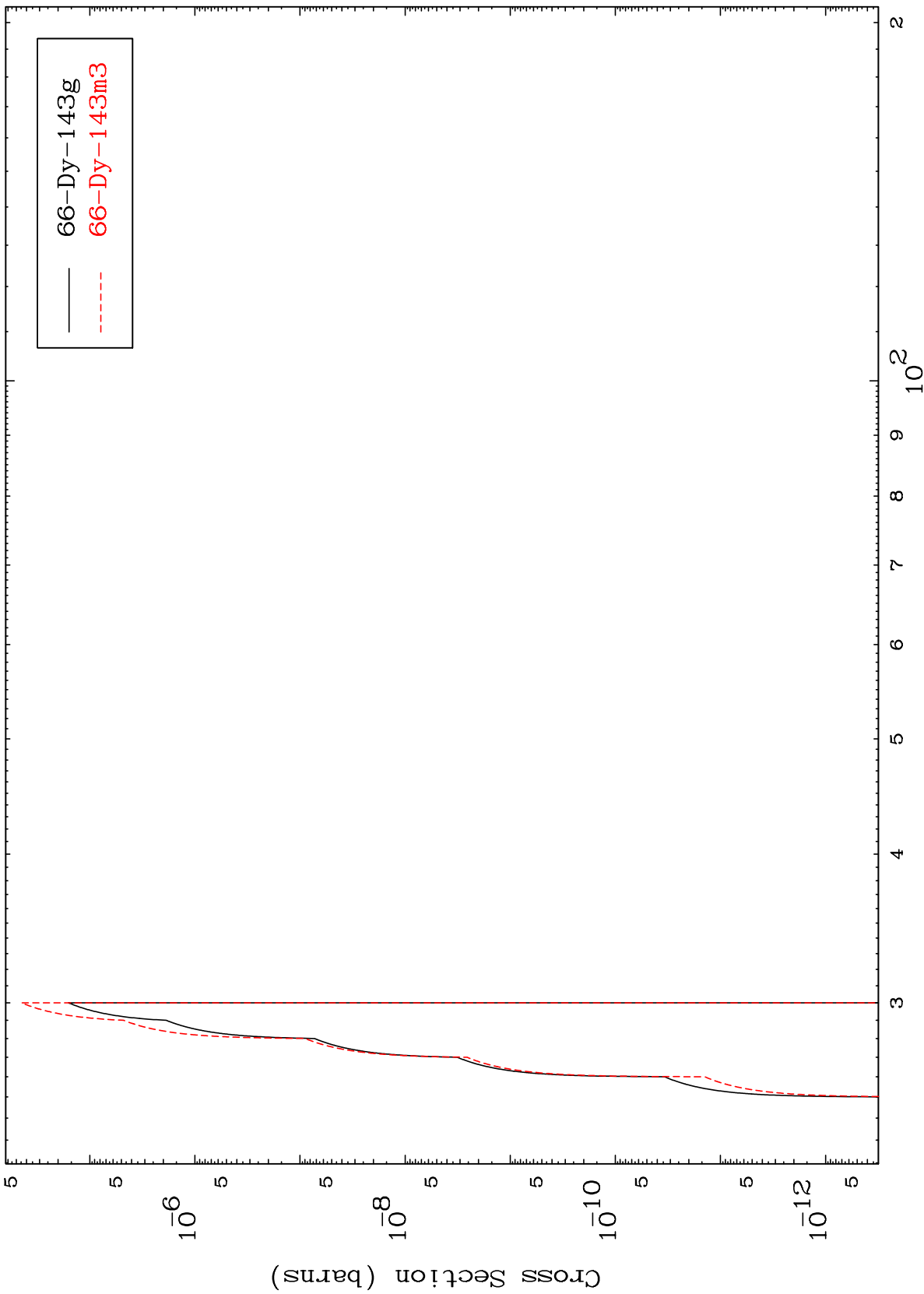


86

Incident Energy (MeV)

67-Ho-146

Radionuclide Production Cross Section



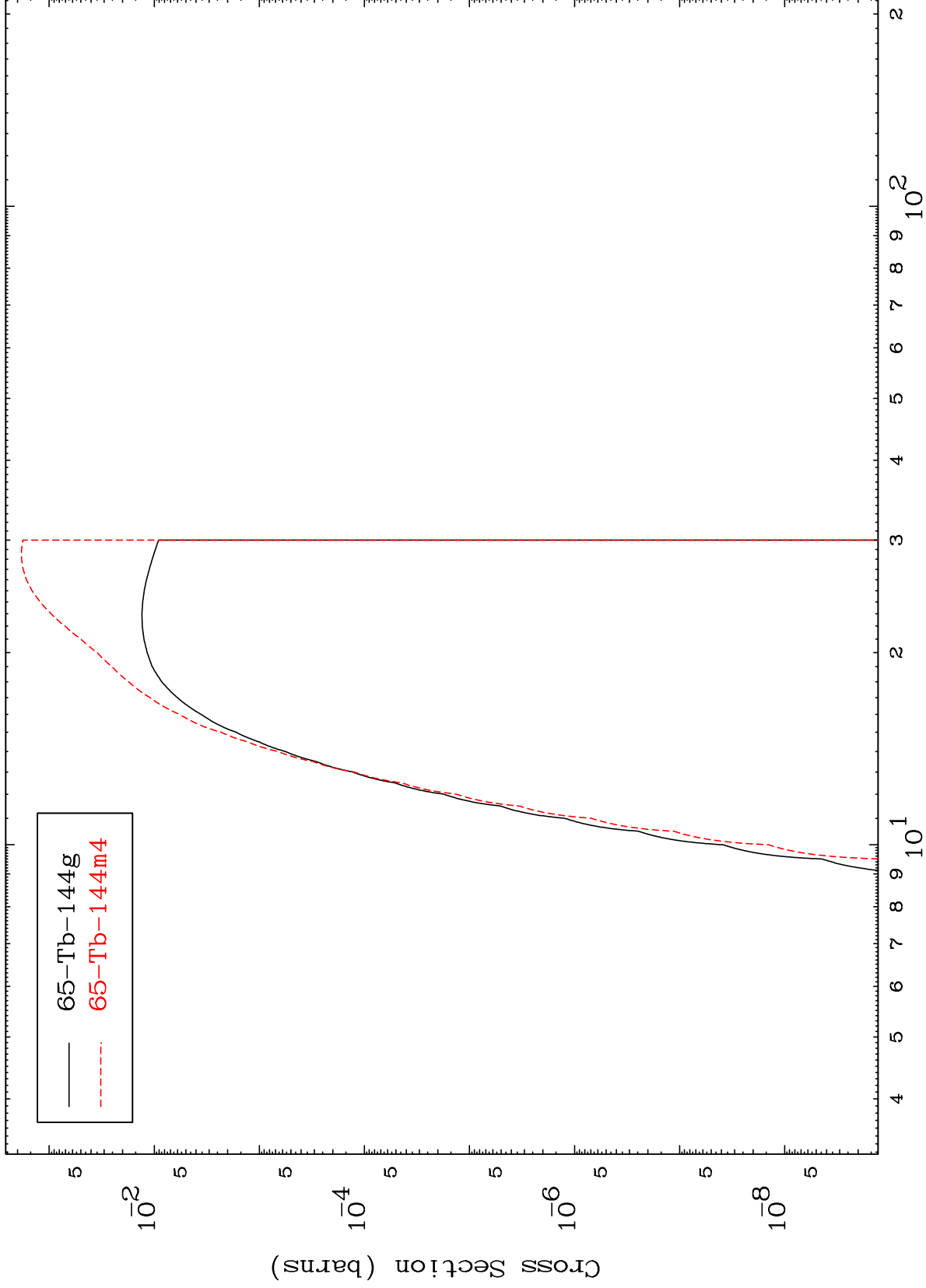
66-Dy-143g
66-Dy-143m3

MAT 6668

$(n,2n)$ p

67-Ho-146

Radionuclide Production Cross Section



88

Incident Energy (MeV)

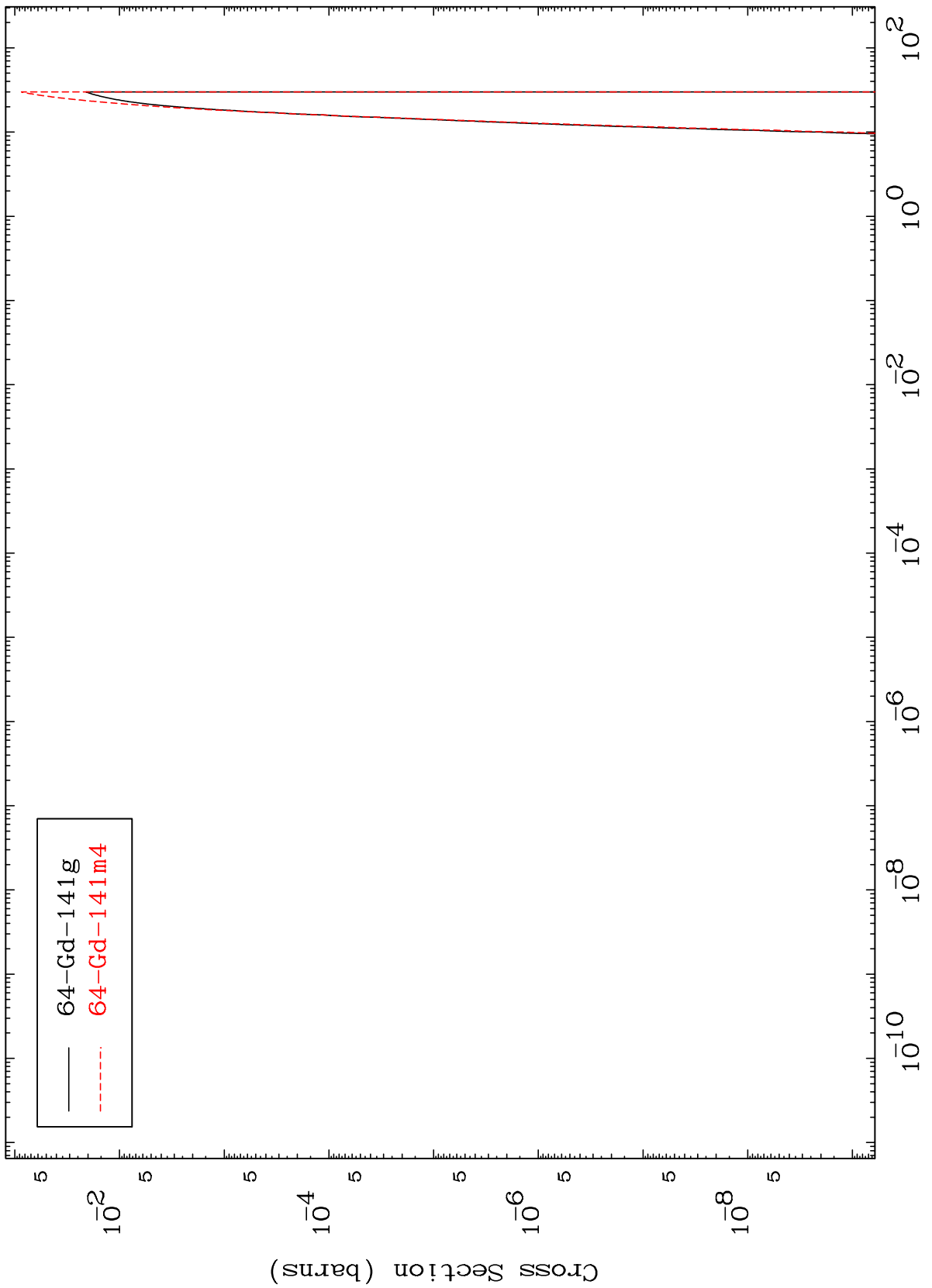
67-Ho-146

MAT 6668

(n,n') p α

67-Ho-146

Radionuclide Production Cross Section



89

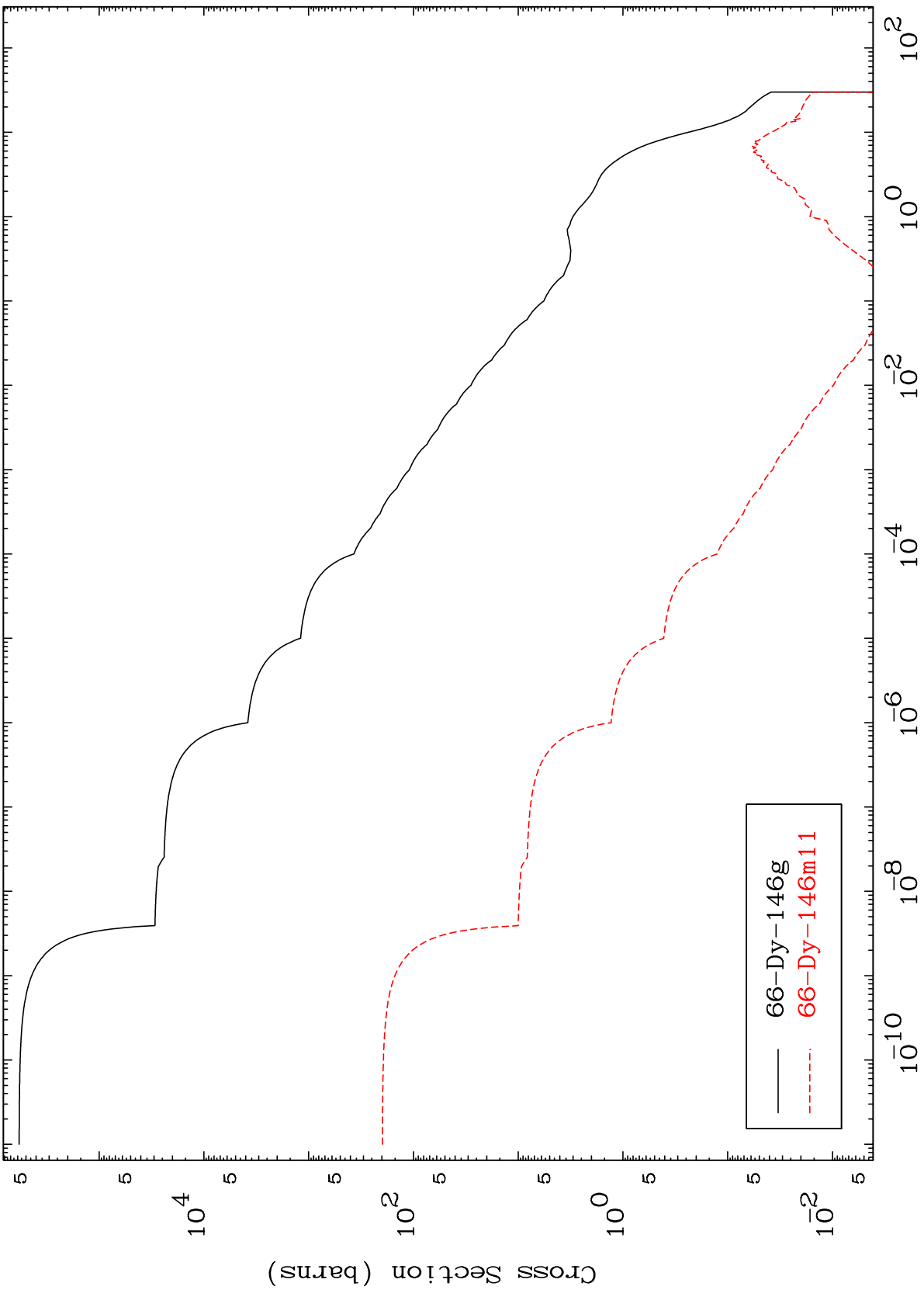
Incident Energy (MeV)

67-Ho-146

MAT 6668

67-Ho-146

(n,p)
Radionuclide Production Cross Section



90

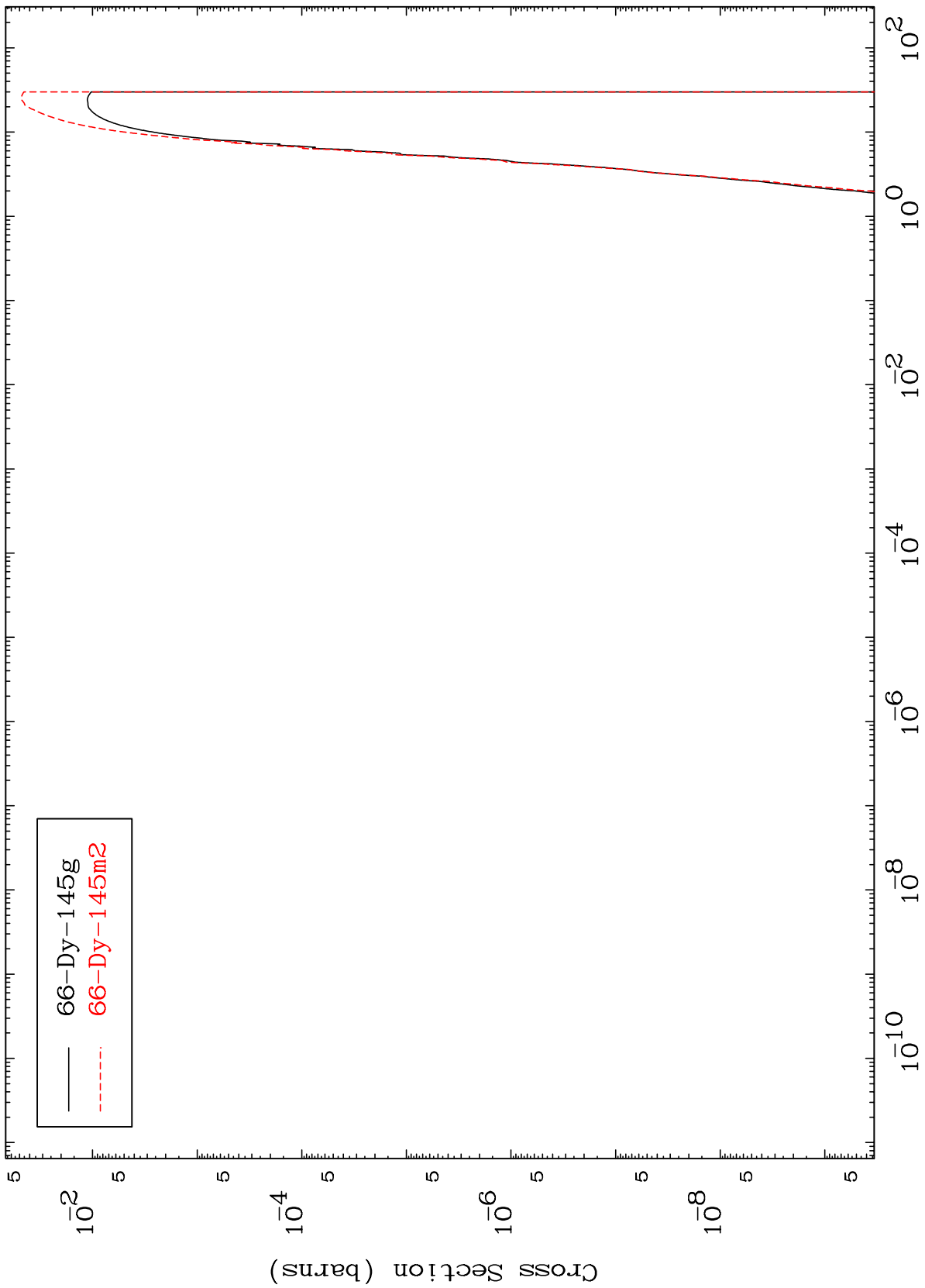
67-Ho-146

MAT 6668

(n,d)

67-Ho-146

Radionuclide Production Cross Section



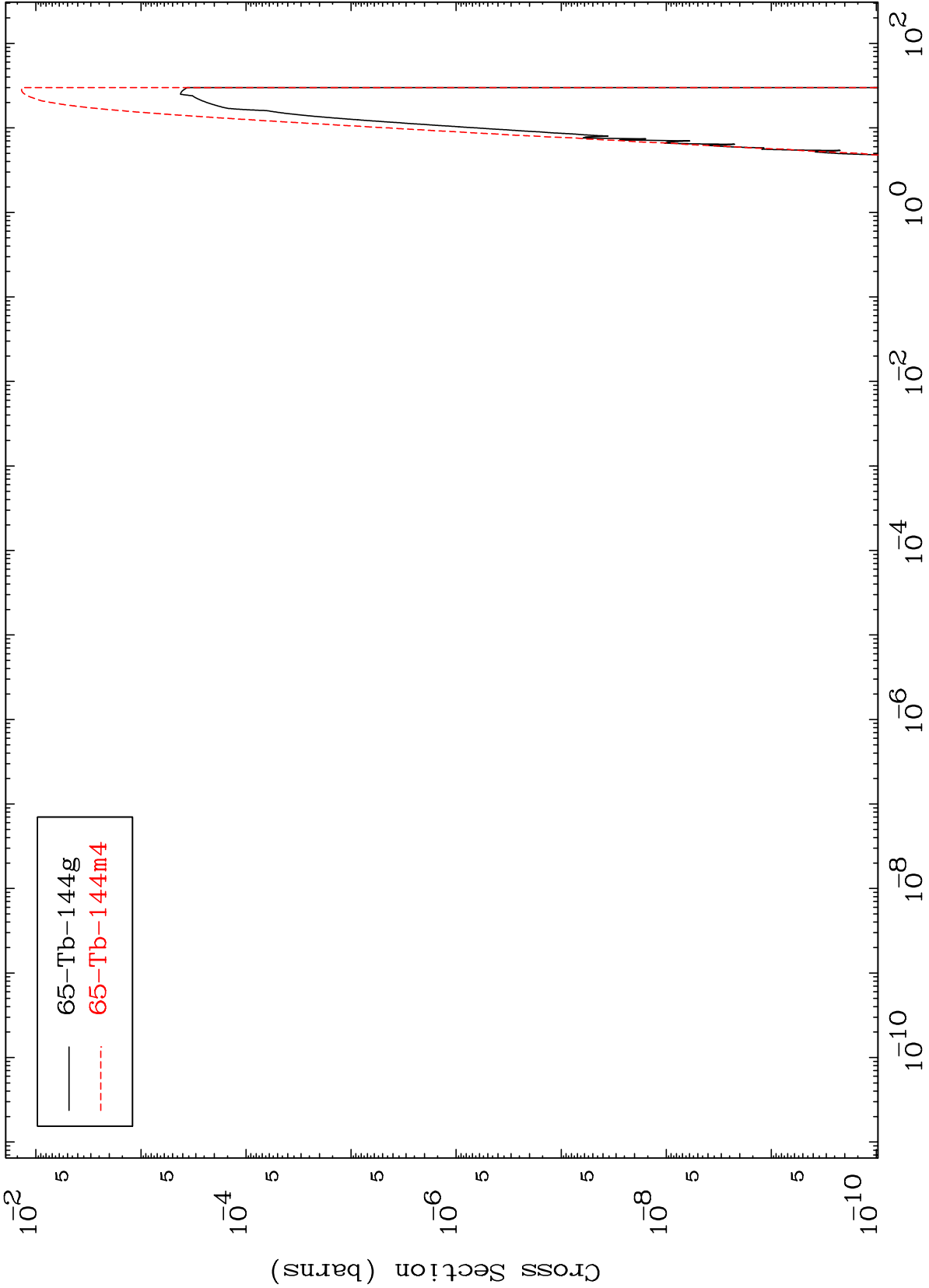
66-Dy-145g
66-Dy-145m2

MAT 6668

(n,He-3)

67-Ho-146

Radionuclide Production Cross Section



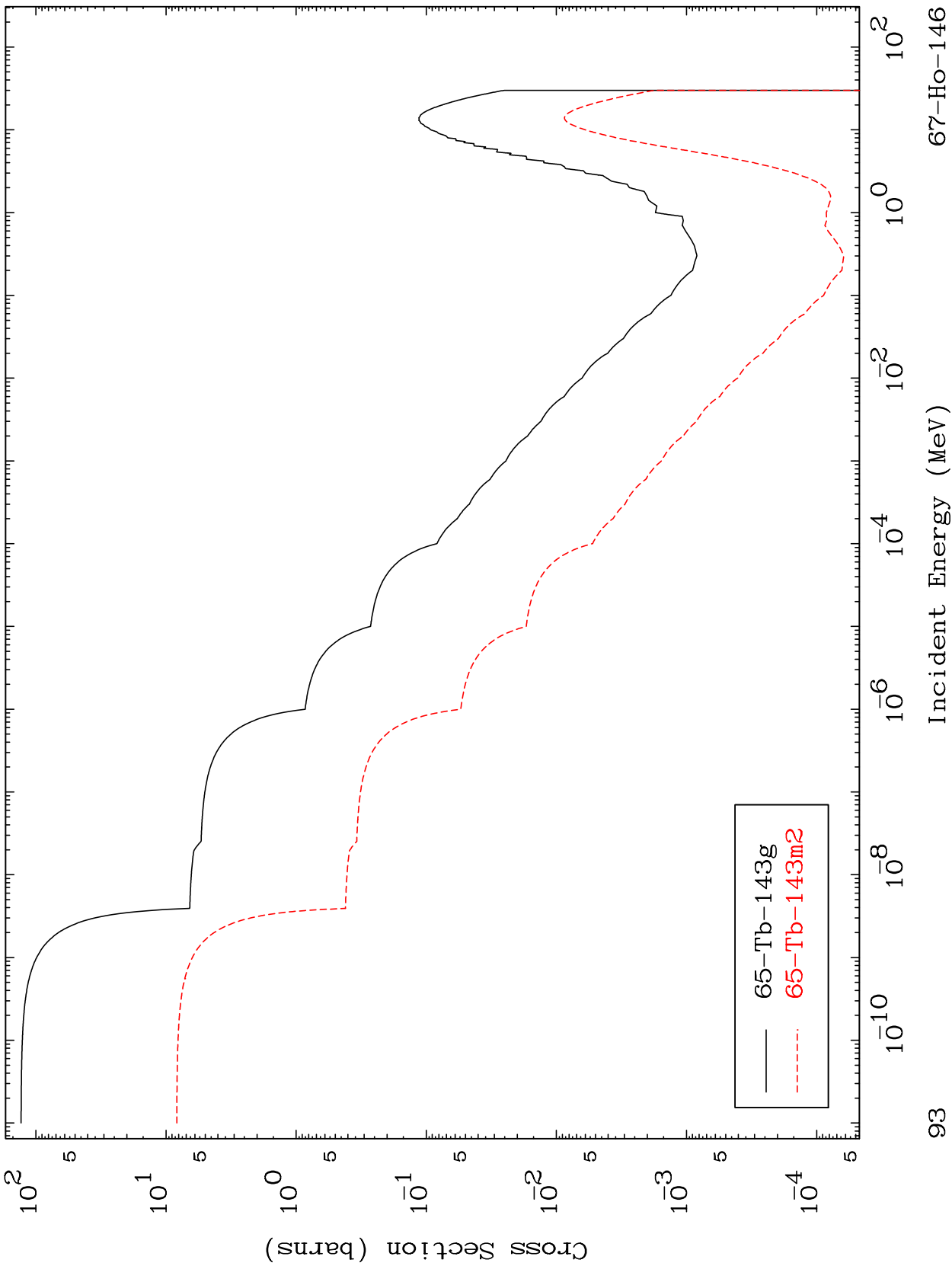
65-Tb-144g
65-Tb-144m4

MAT 6668

(n, α)

67-Ho-146

Radionuclide Production Cross Section

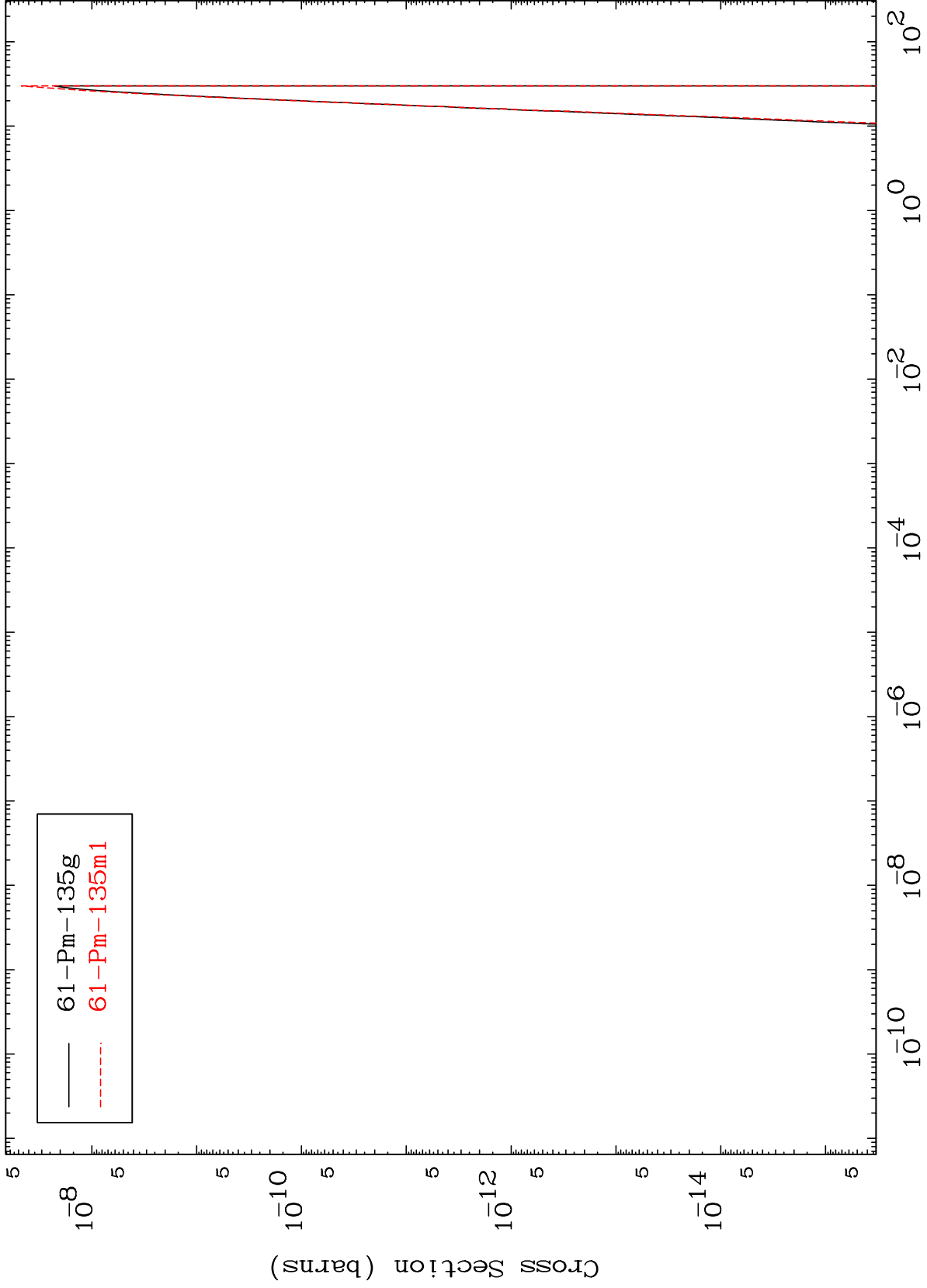


MAT 6668

(n, 3α)

67-Ho-146

Radionuclide Production Cross Section



94

Incident Energy (MeV)

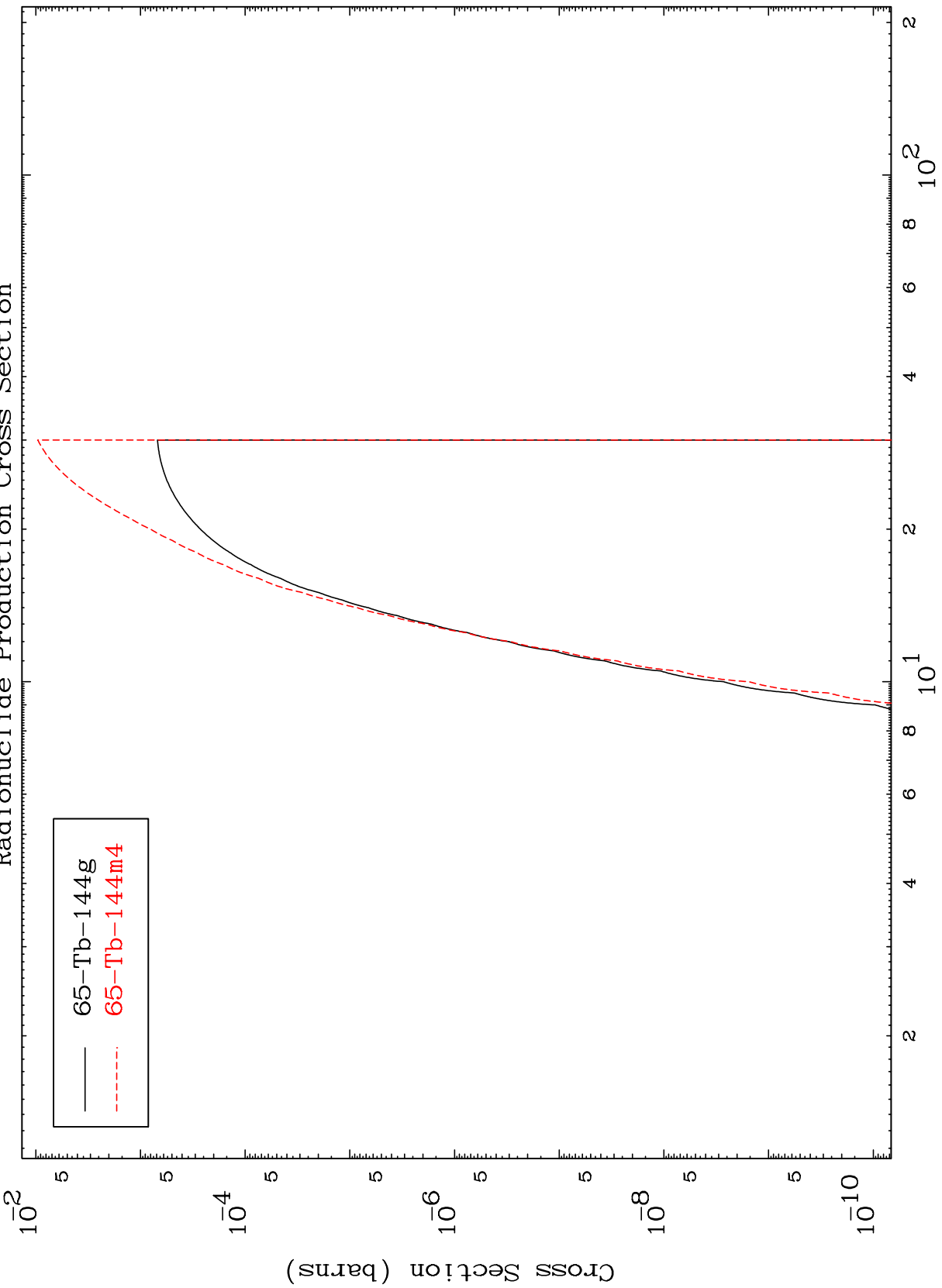
67-Ho-146

MAT 6668

(n,p) d

⁶⁷Ho-146

Radionuclide Production Cross Section



95

Incident Energy (MeV)

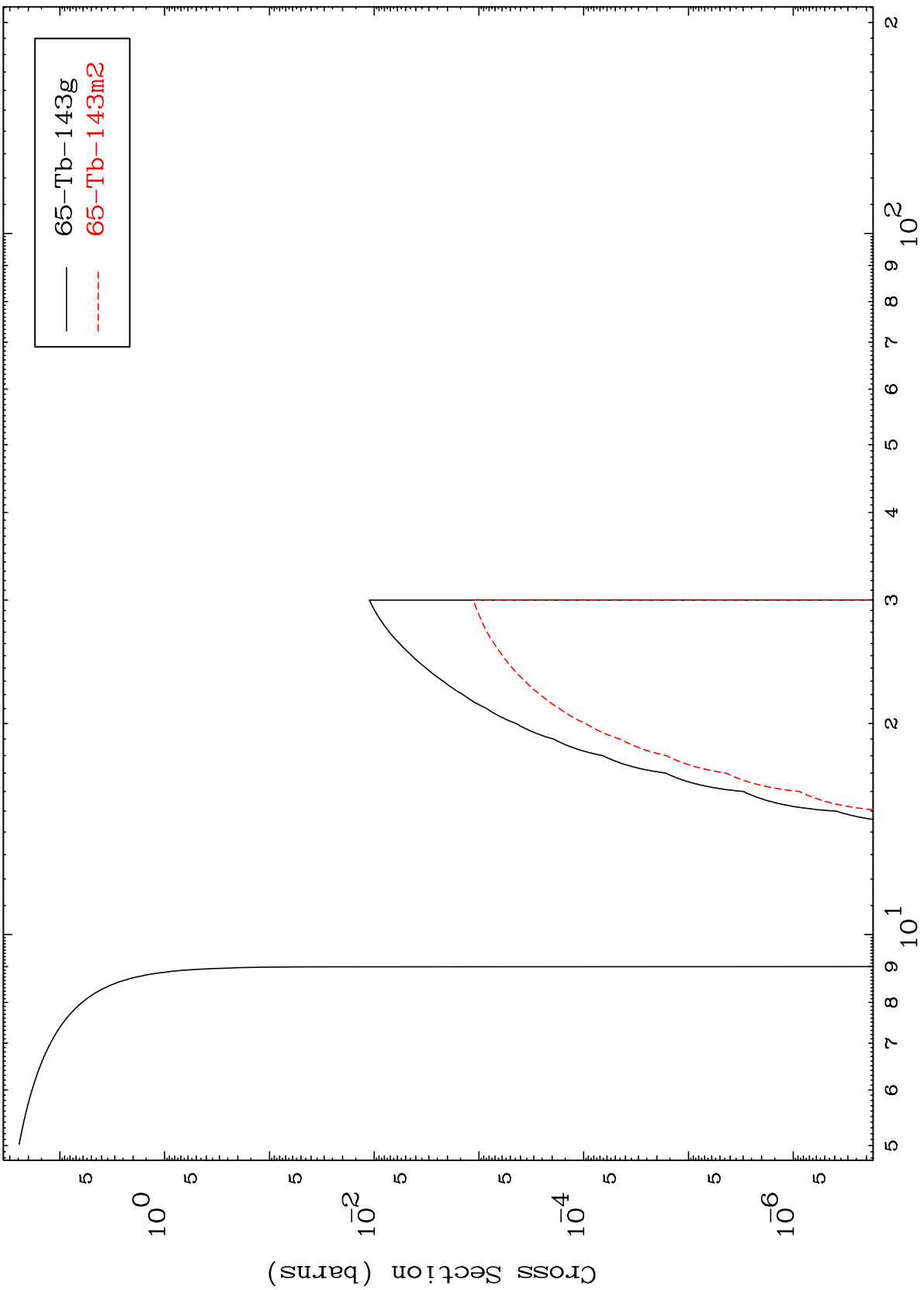
⁶⁷Ho-146

MAT 6668

(n,p) t

67-Ho-146

Radionuclide Production Cross Section



96

Incident Energy (MeV)

67-Ho-146

MAT 6668

(n,d) α

$^{67}\text{Ho-146}$

