

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

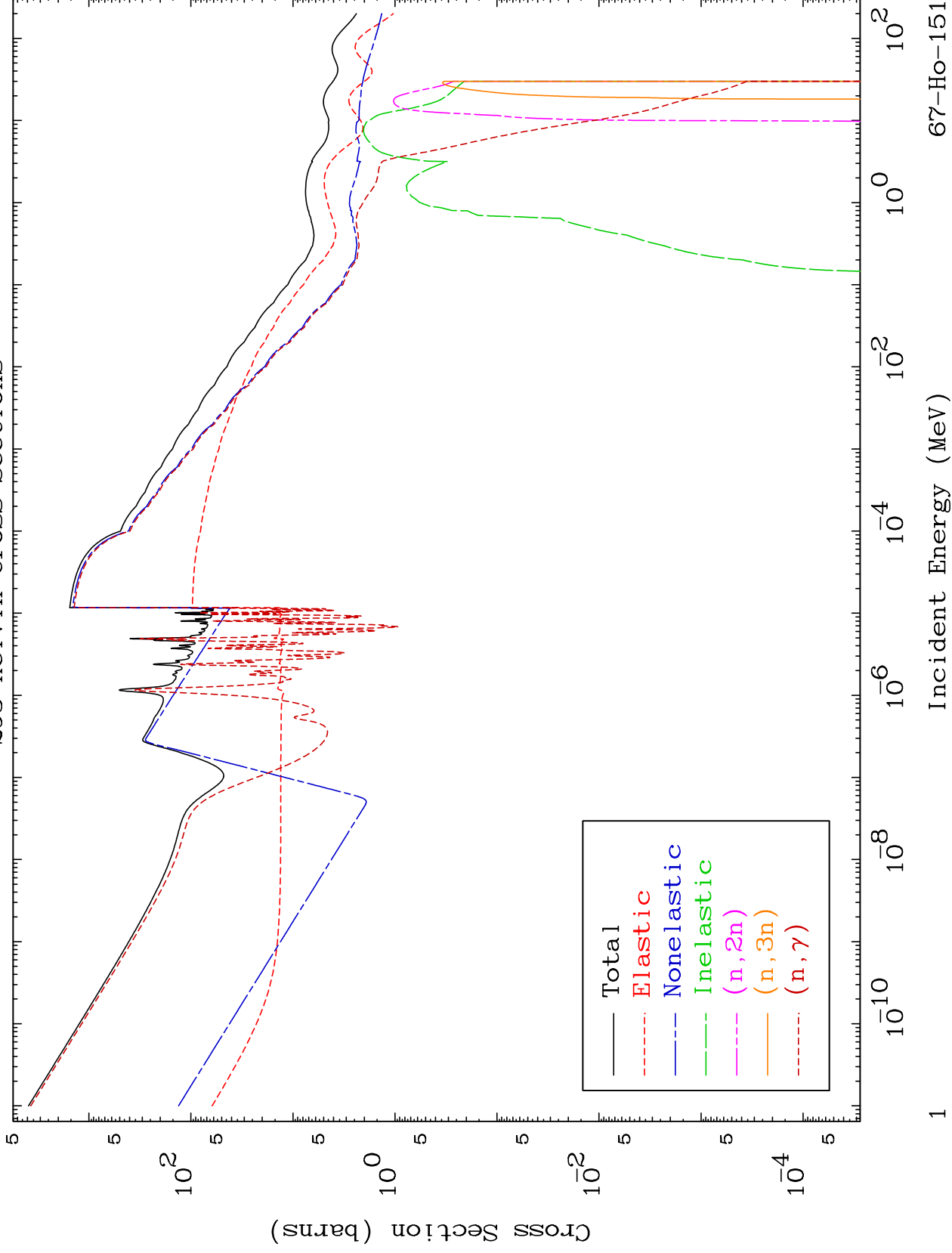
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6683

Neutron Major
293 Kelvin Cross Sections

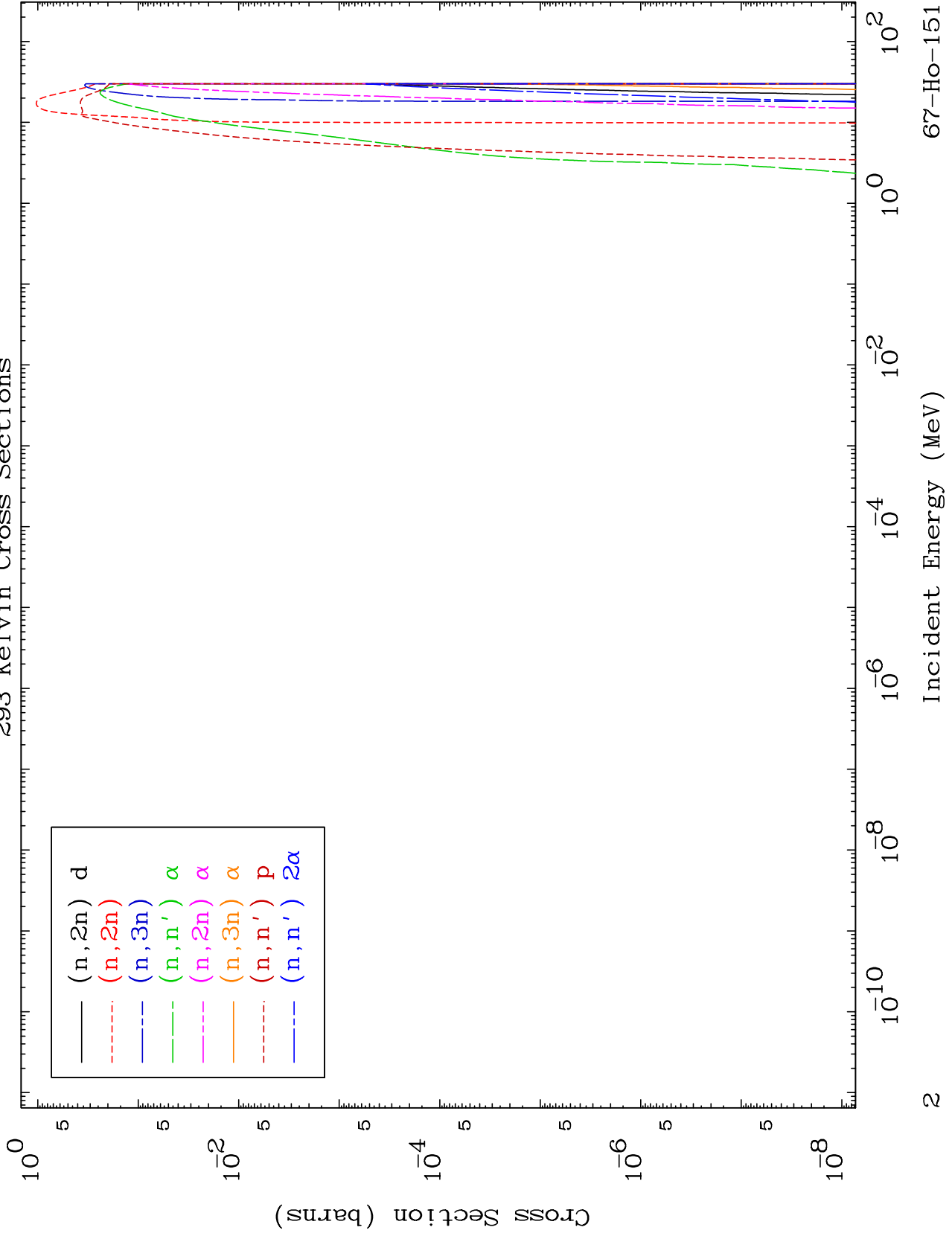
67-Ho-151



MAT 6683

Neutron Absorption
293 Kelvin Cross Sections

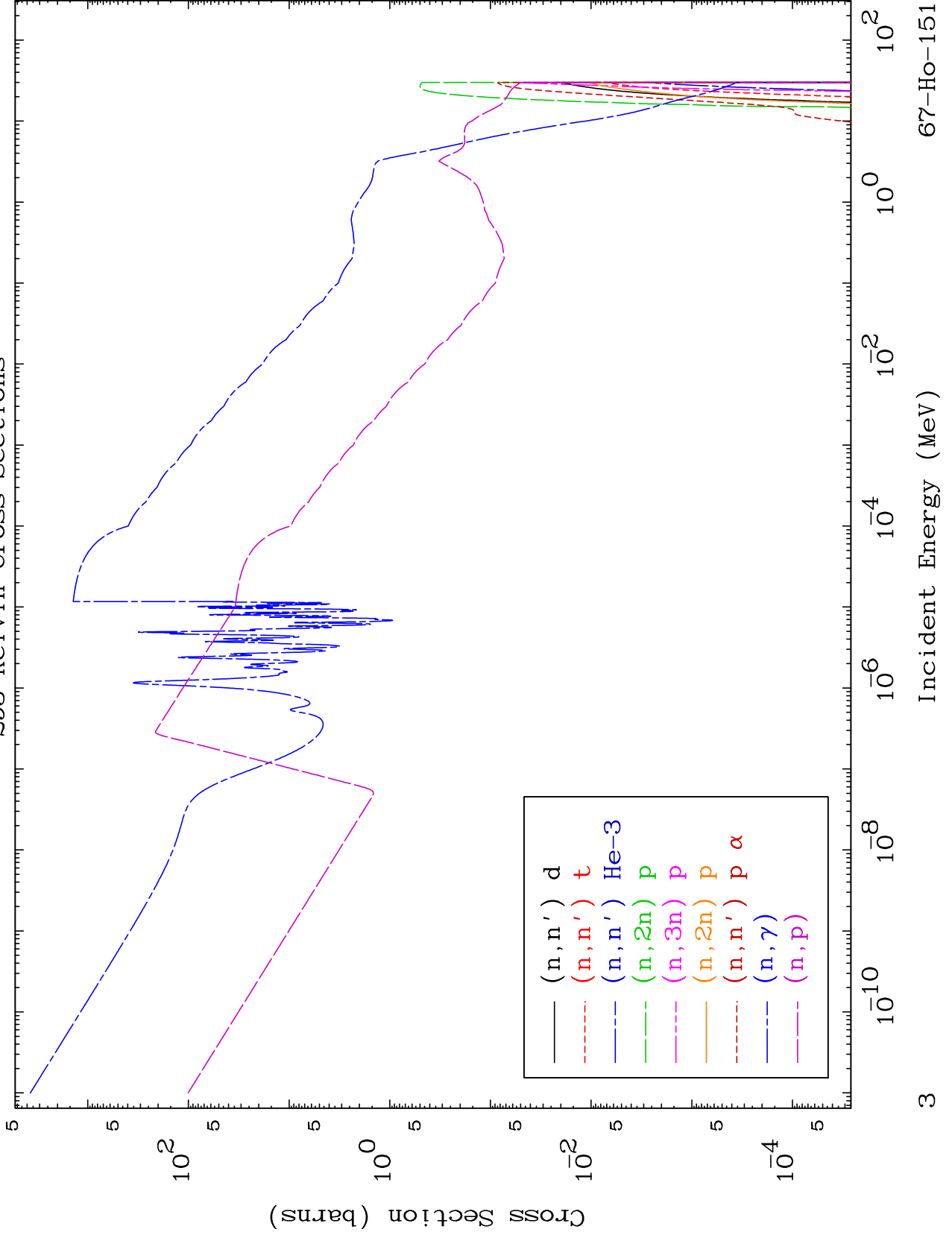
67-Ho-151



MAT 6683

Neutron Absorption
293 Kelvin Cross Sections

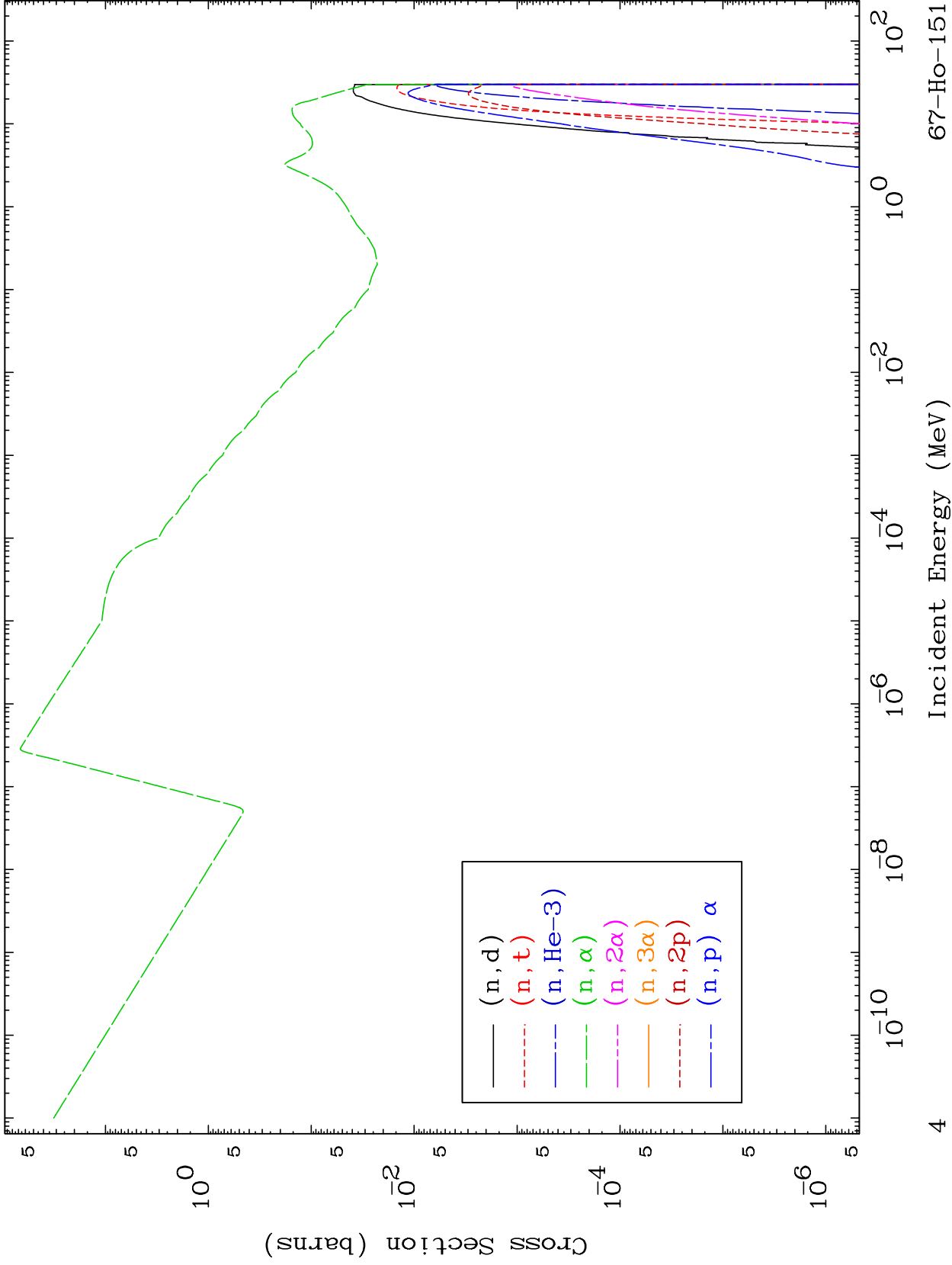
67-Ho-151

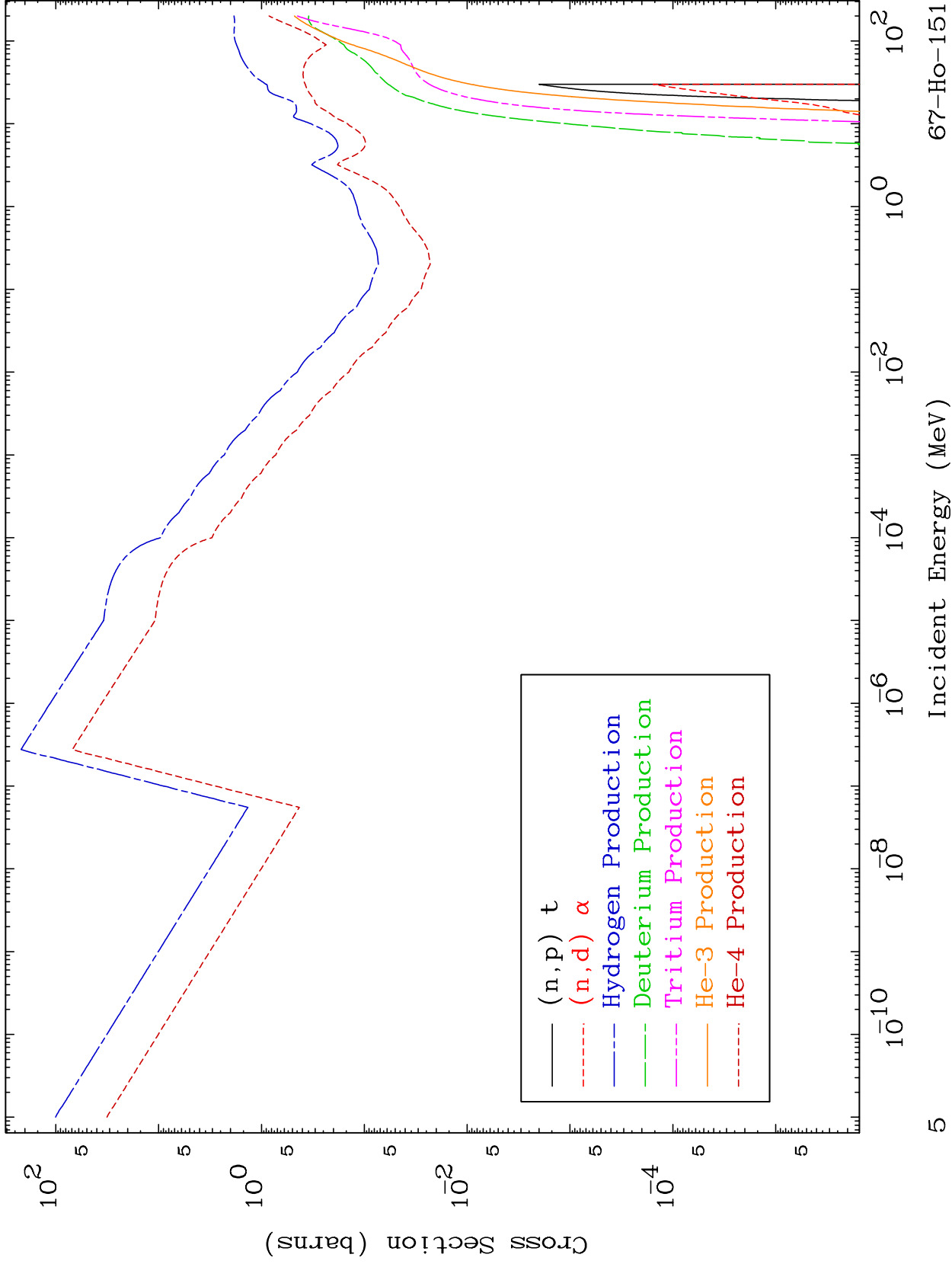


MAT 6683

Neutron Absorption
293 Kelvin Cross Sections

67-Ho-151

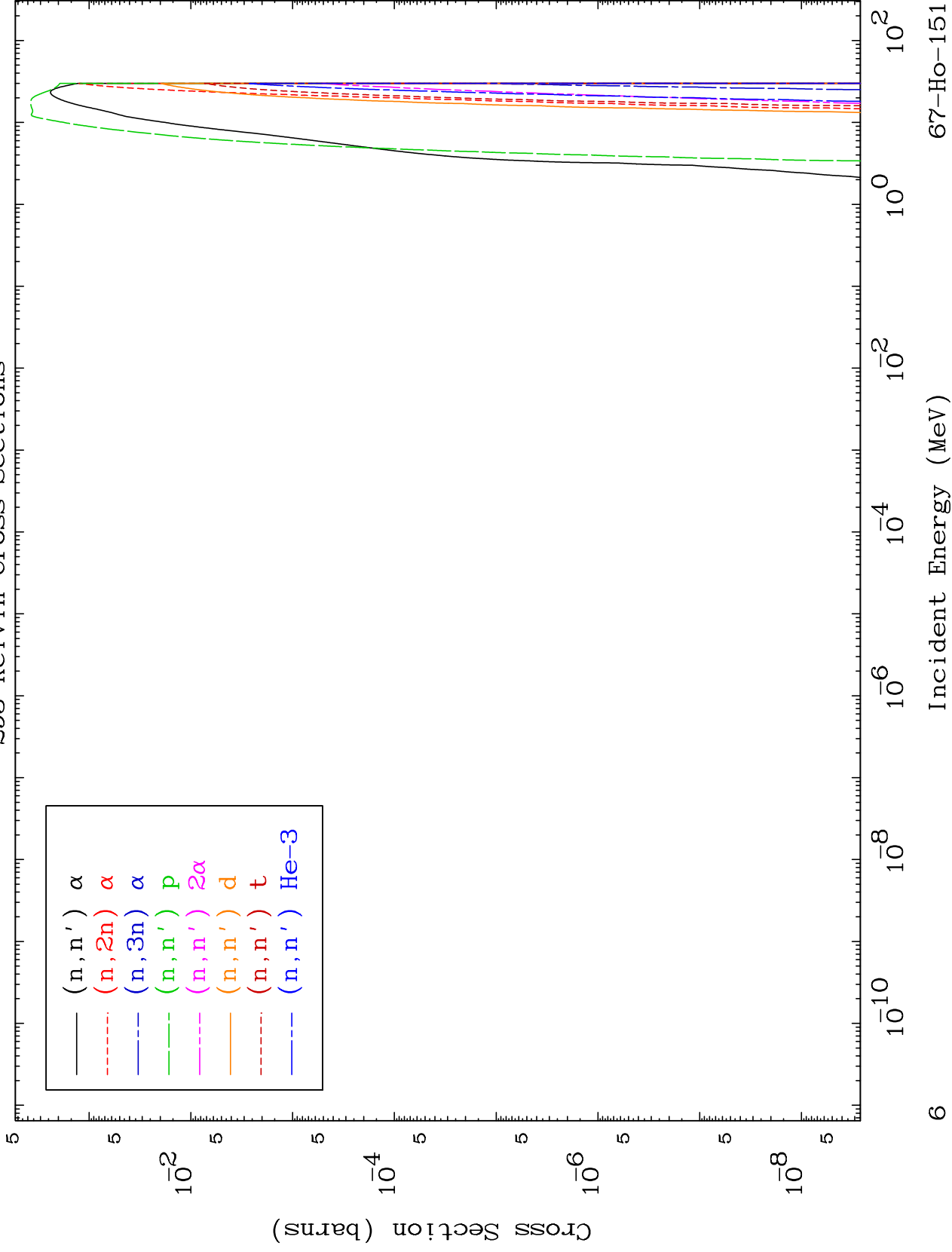




MAT 6683

Charged Particle
293 Kelvin Cross Sections

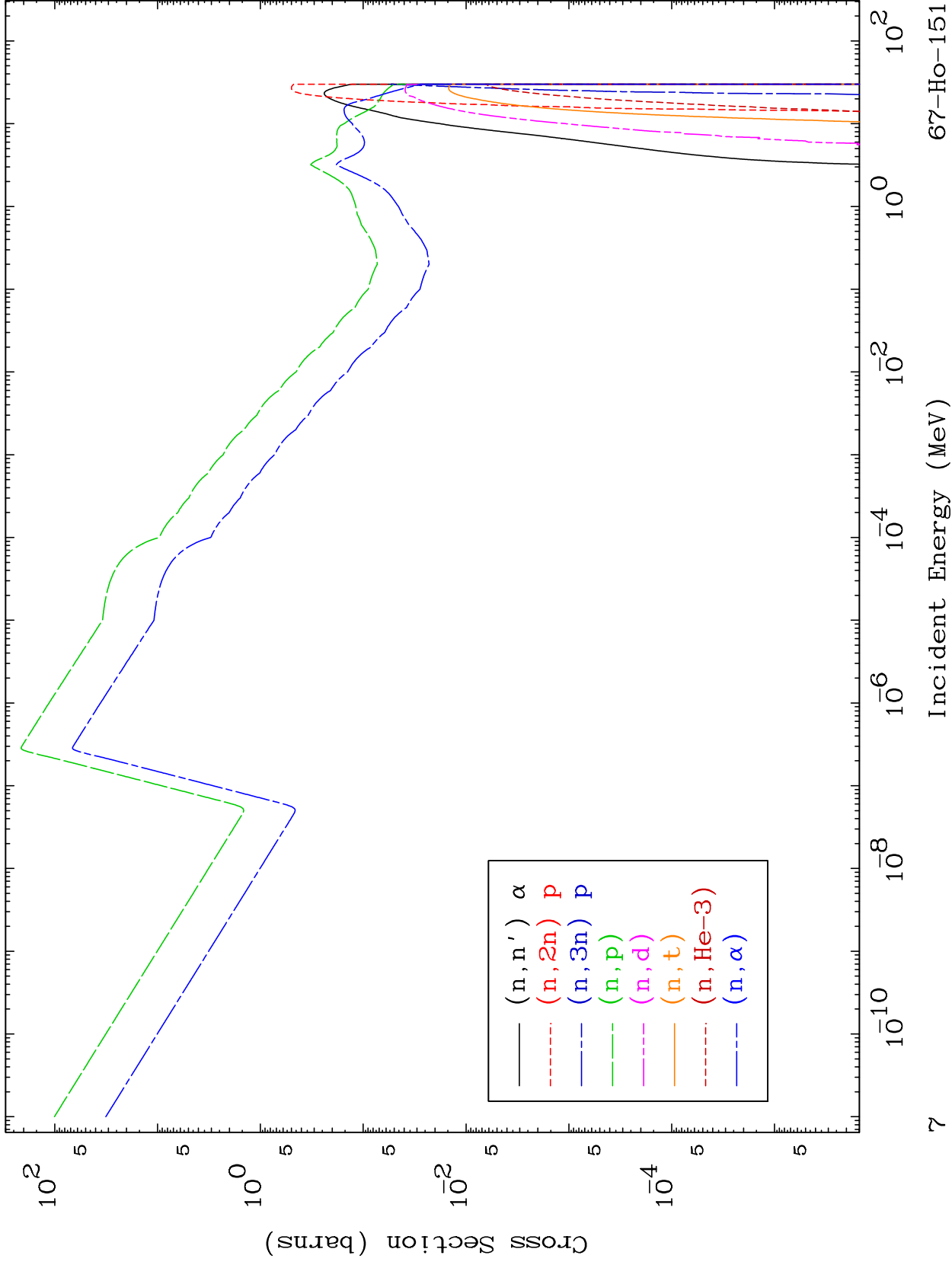
67-Ho-151



MAT 6683

Charged Particle
293 Kelvin Cross Sections

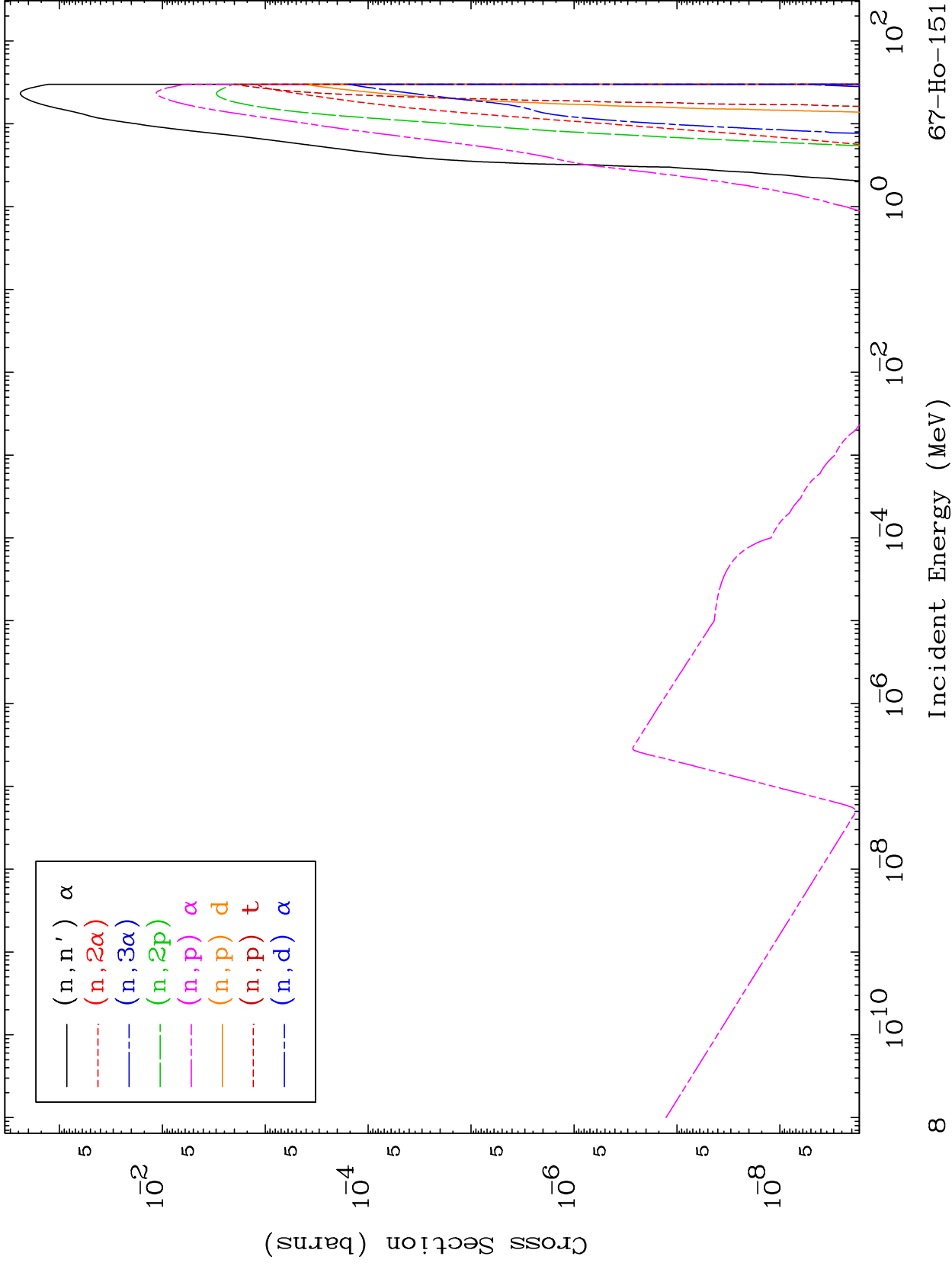
67-Ho-151

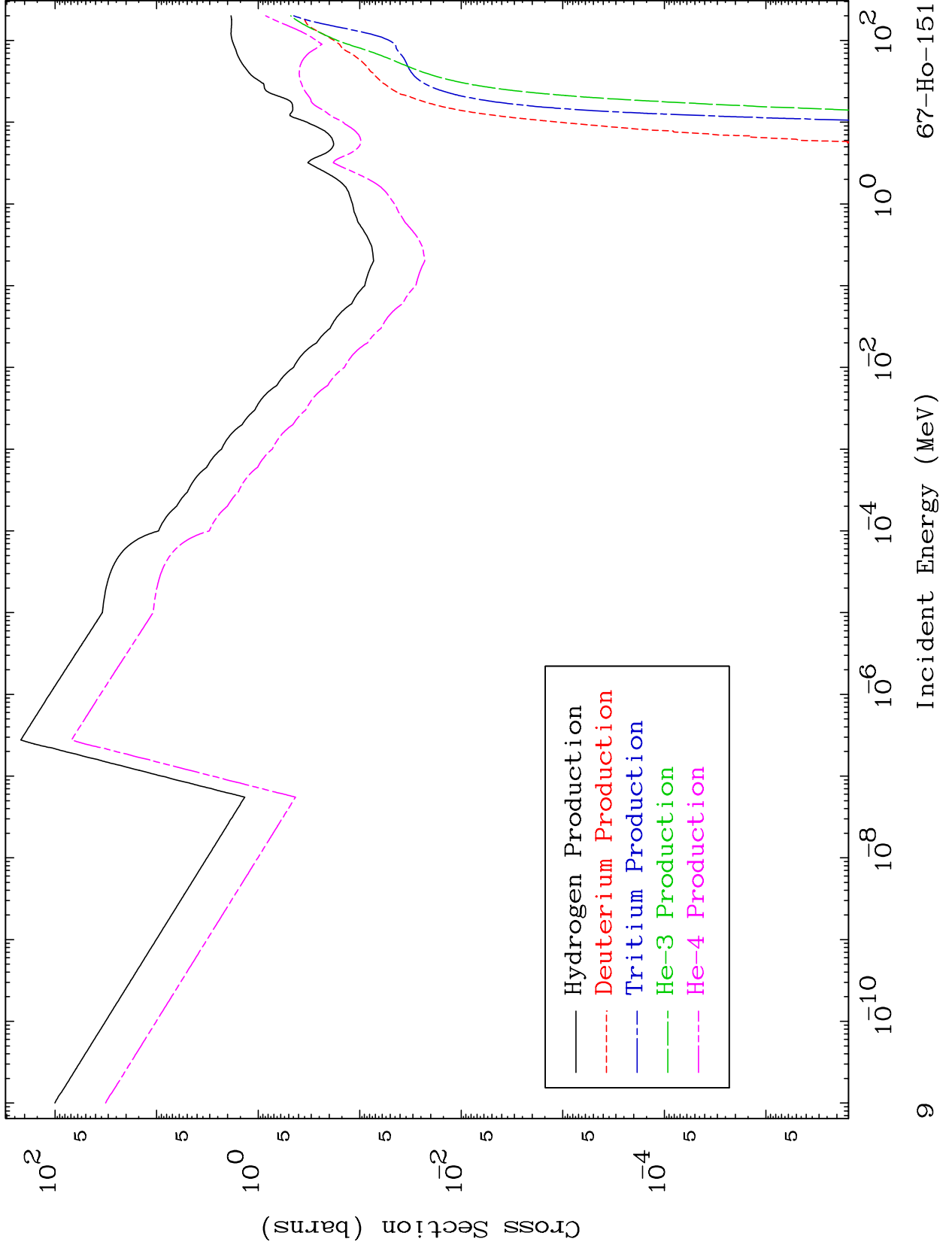


MAT 6683

Charged Particle
293 Kelvin Cross Sections

67-Ho-151

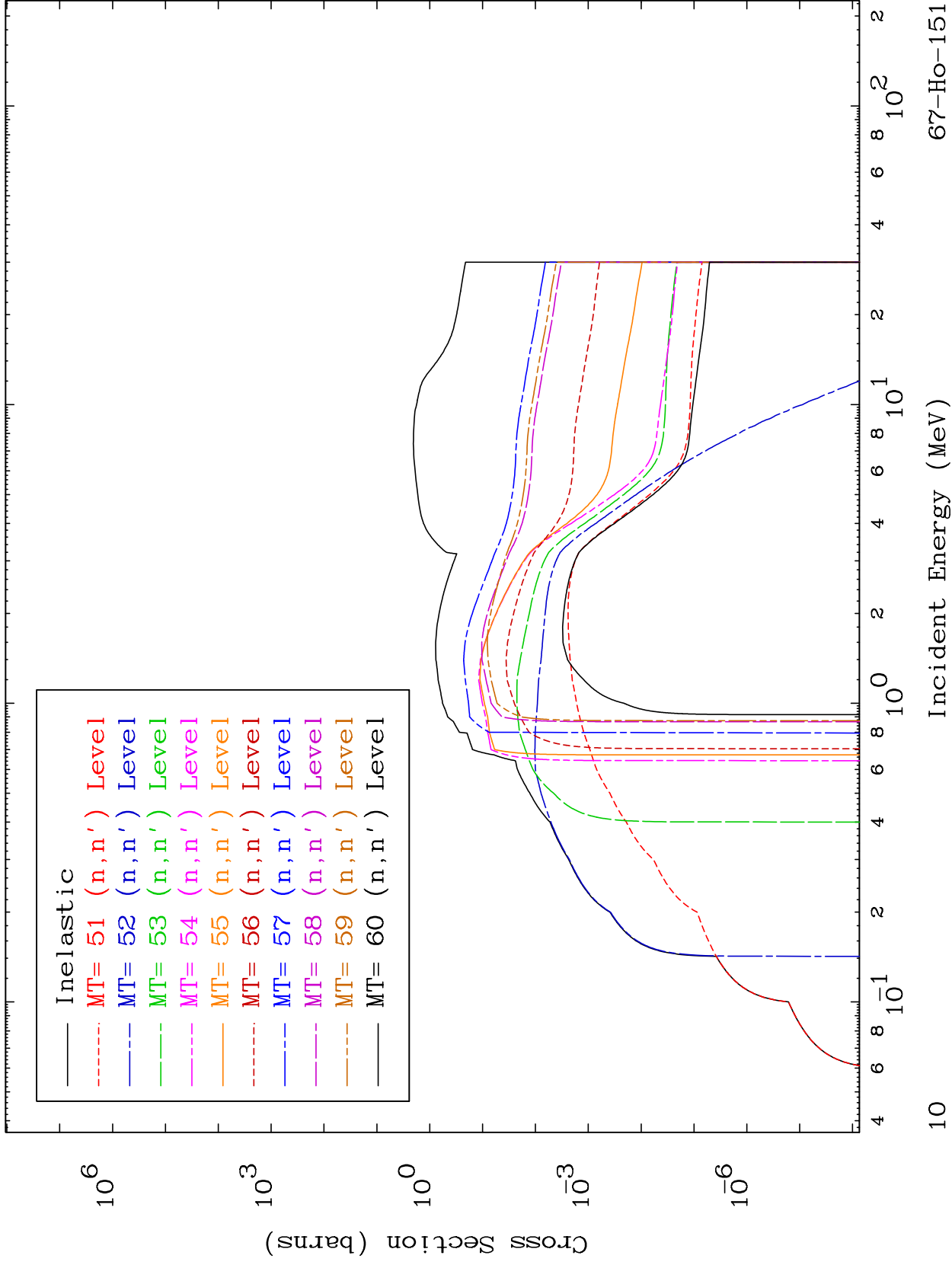




MAT 6683

(n,n') Levels
293 Kelvin Cross Sections

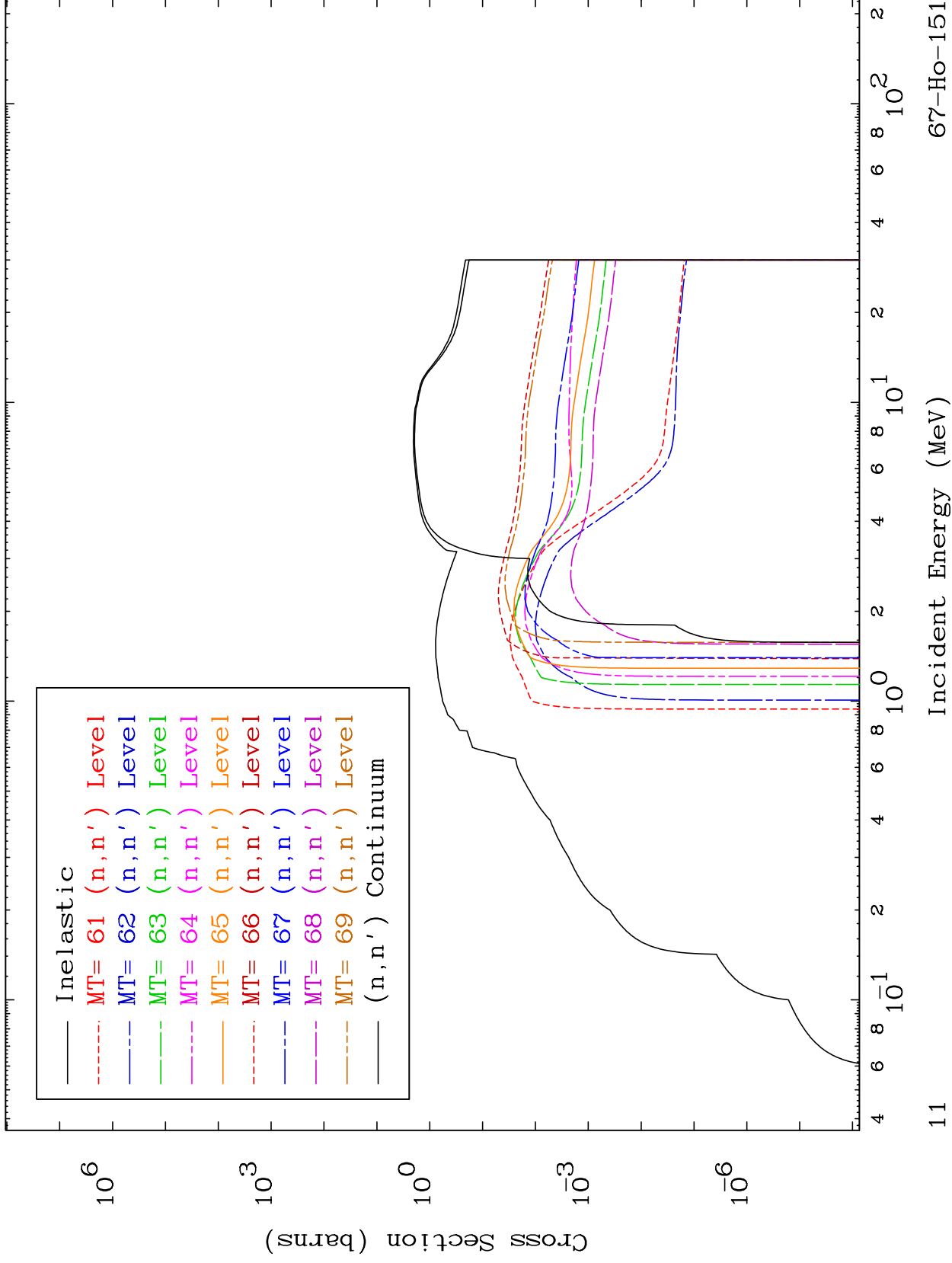
67-Ho-151



10

Incident Energy (MeV)

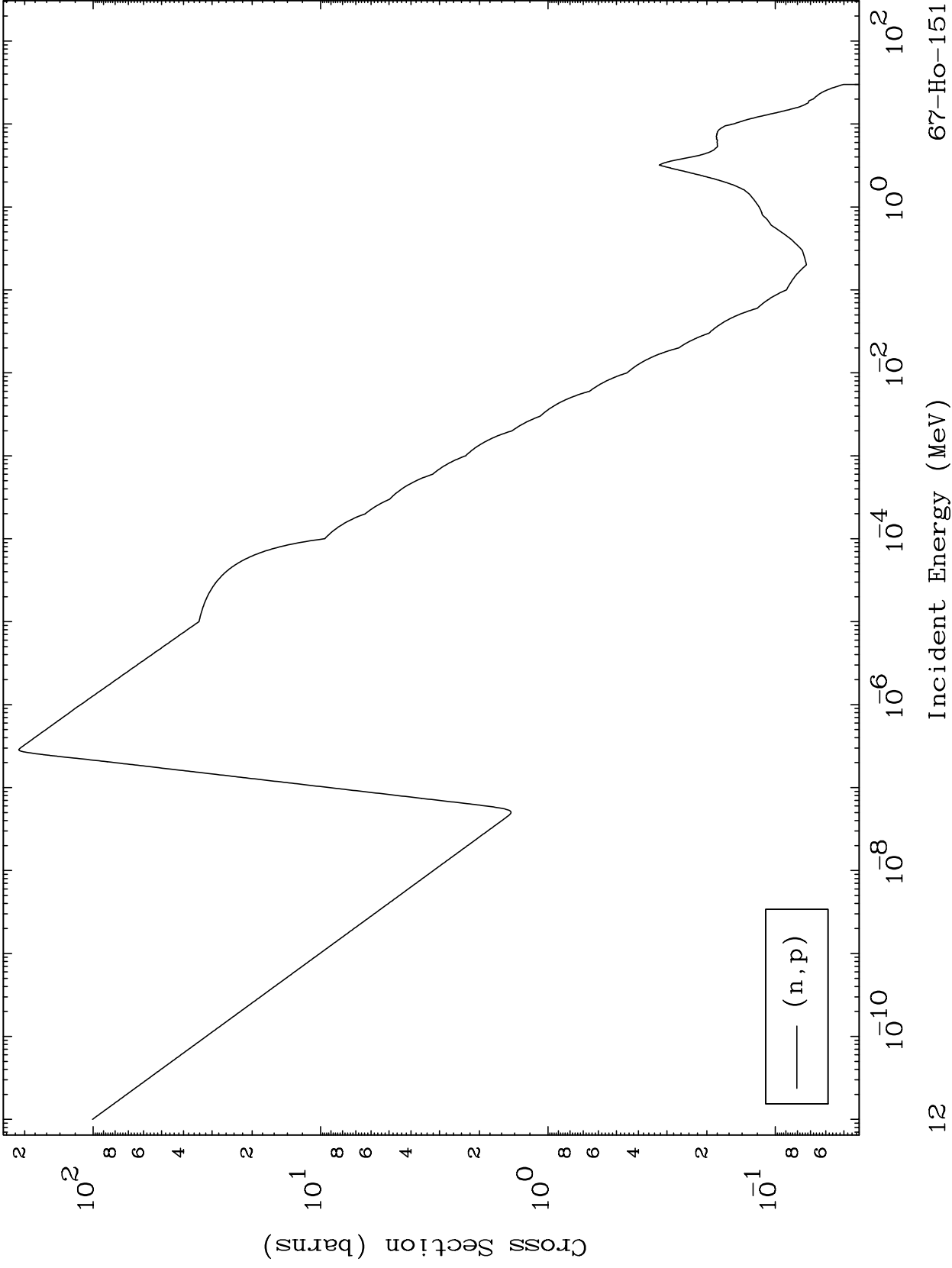
67-Ho-151



MAT 6683

(n,p) Levels
293 Kelvin Cross Sections

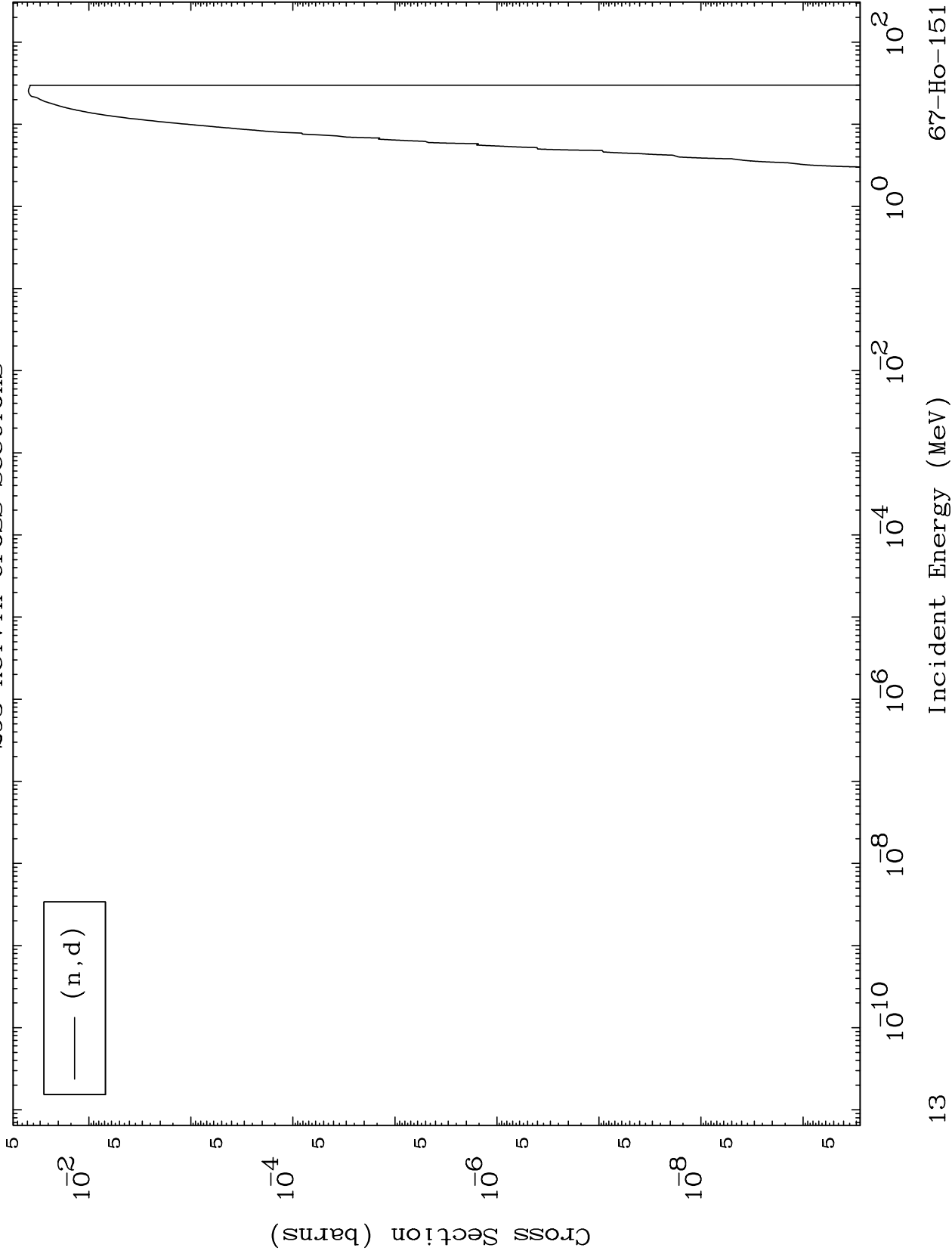
67-Ho-151



MAT 6683

(n,d) Levels
293 Kelvin Cross Sections

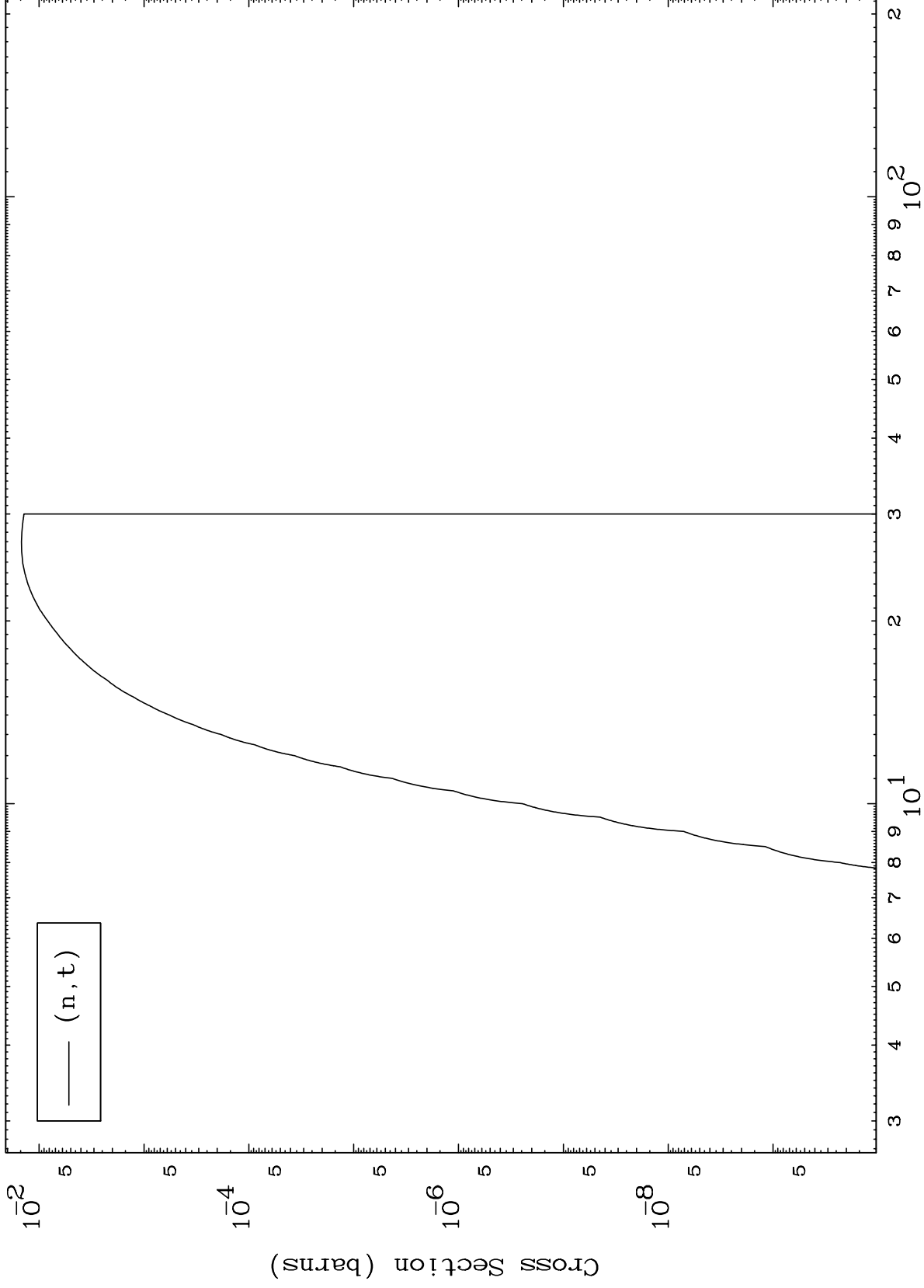
67-Ho-151



MAT 6683

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-151



14

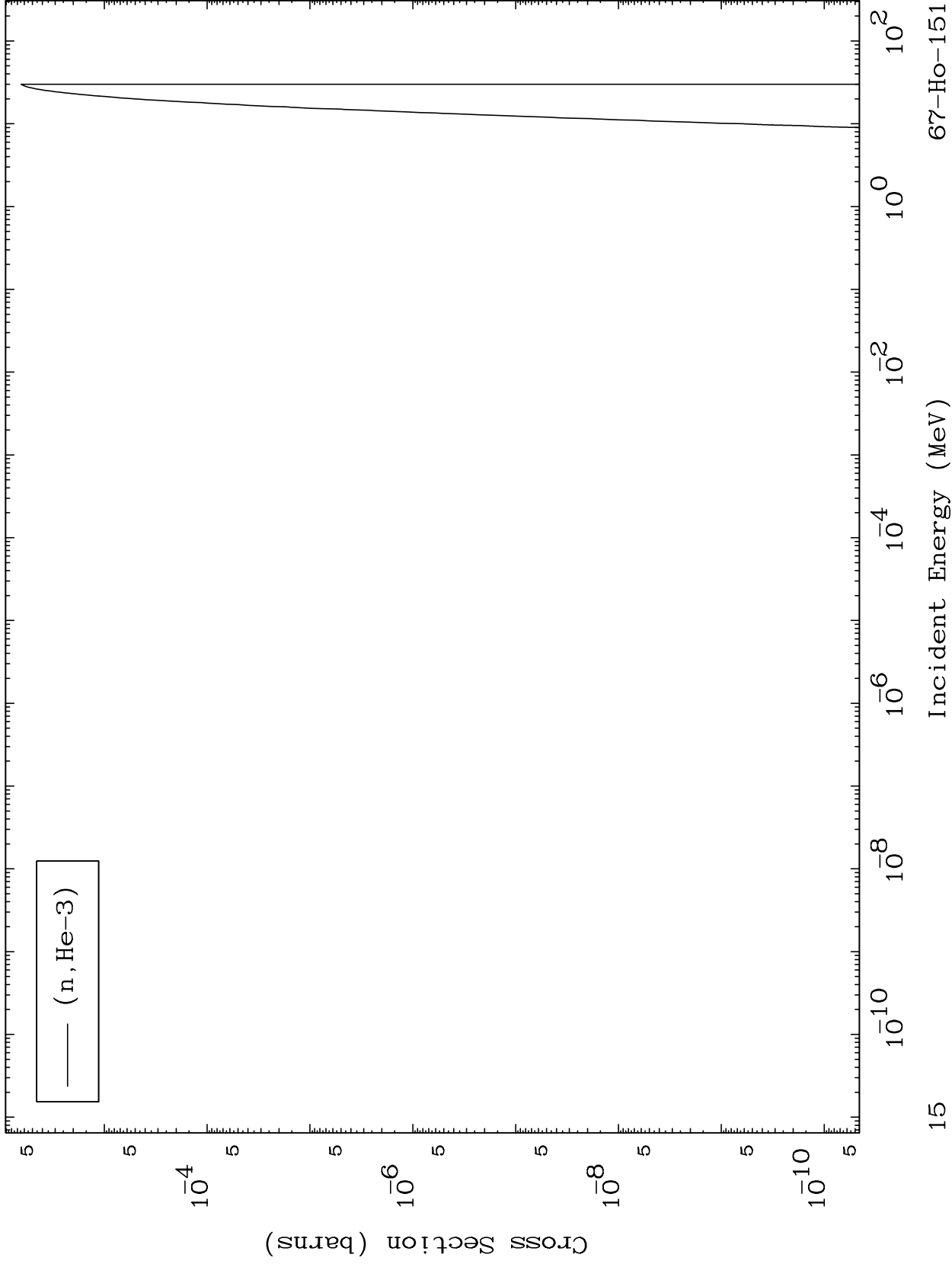
Incident Energy (MeV)

67-Ho-151

MAT 6683

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-151



15

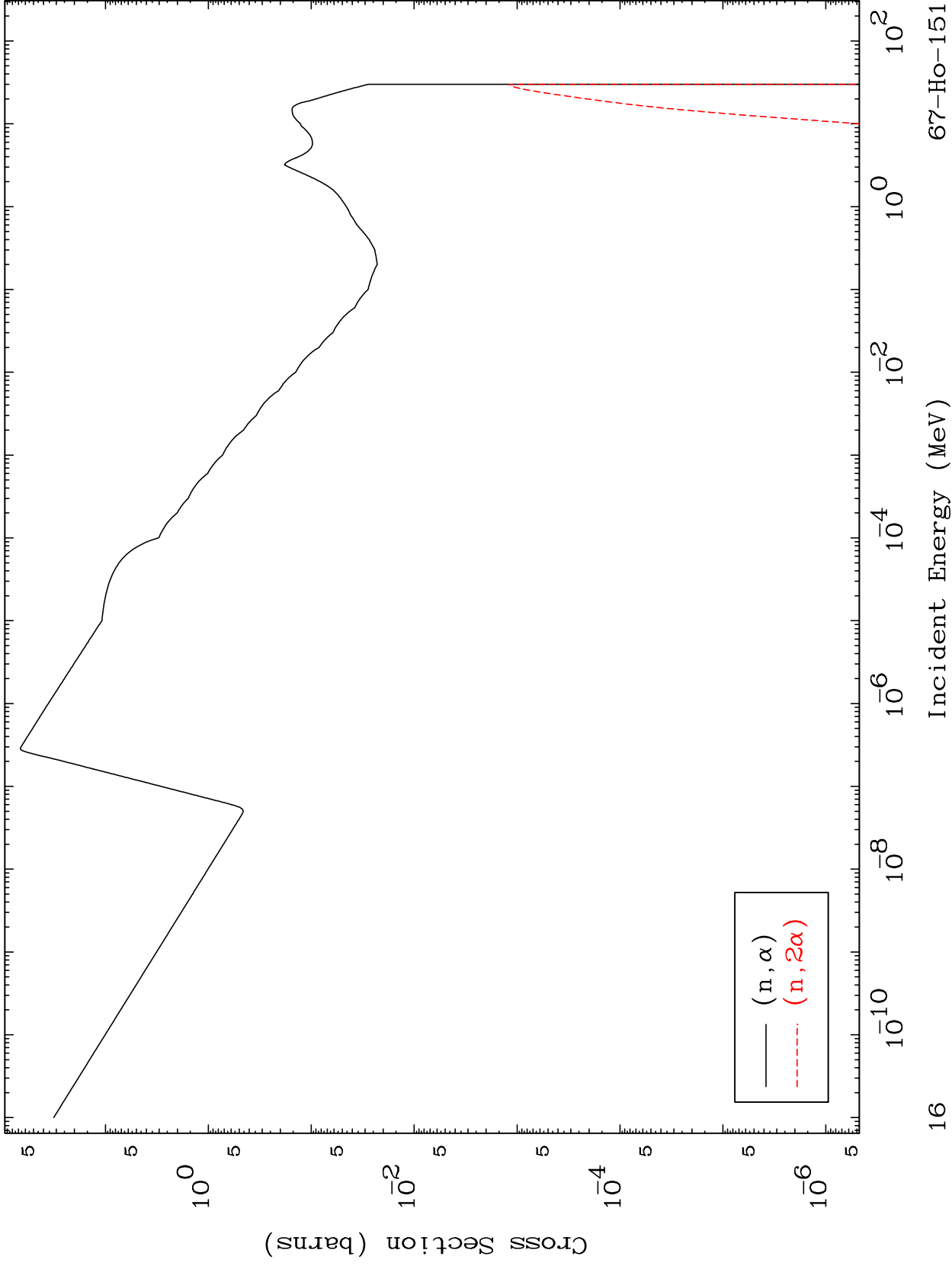
Incident Energy (MeV)

67-Ho-151

MAT 6683

(n,α) Levels
293 Kelvin Cross Sections

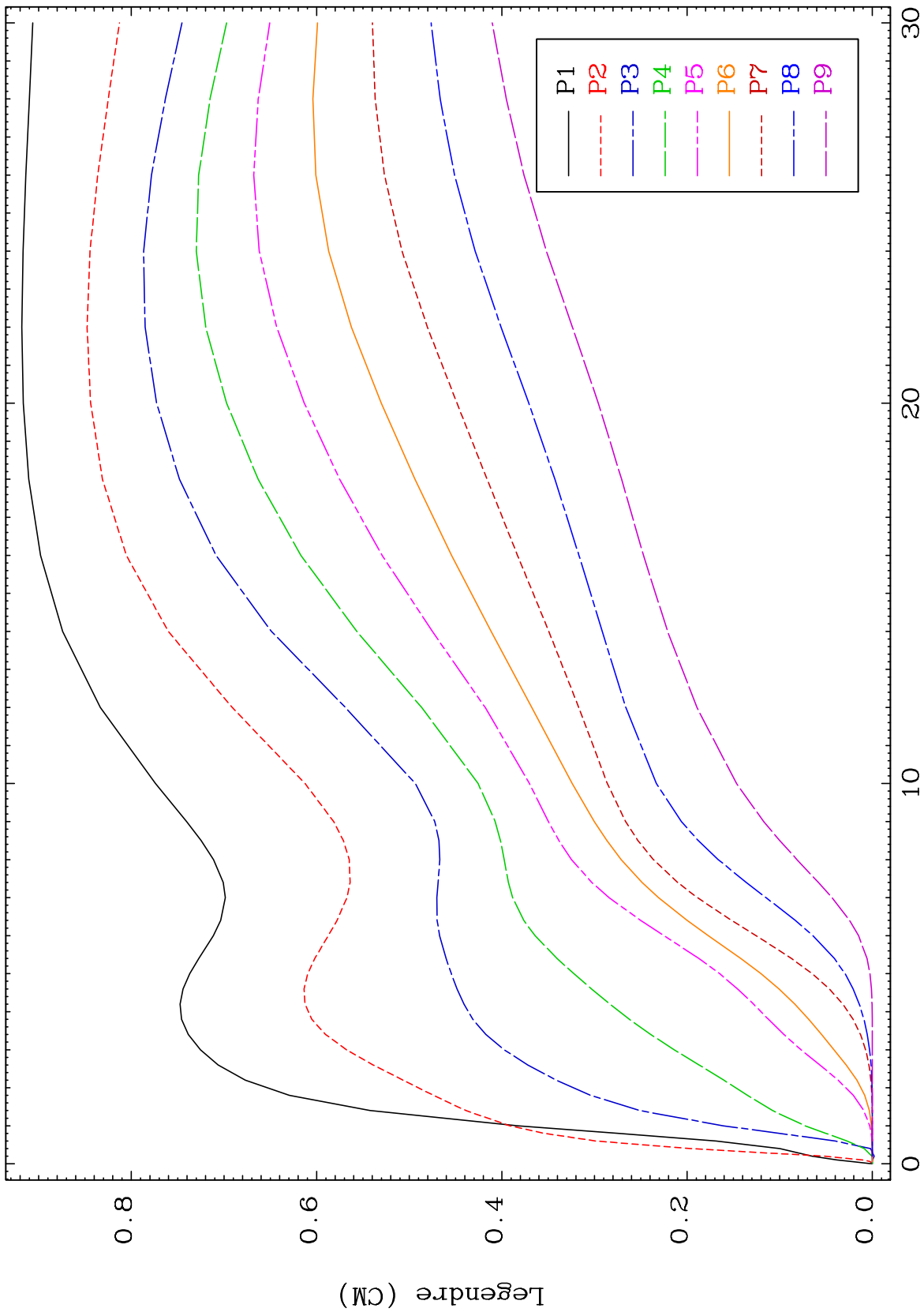
67-Ho-151



MAT 6683

Elastic Legendre Coefficients

67-Ho-151



17

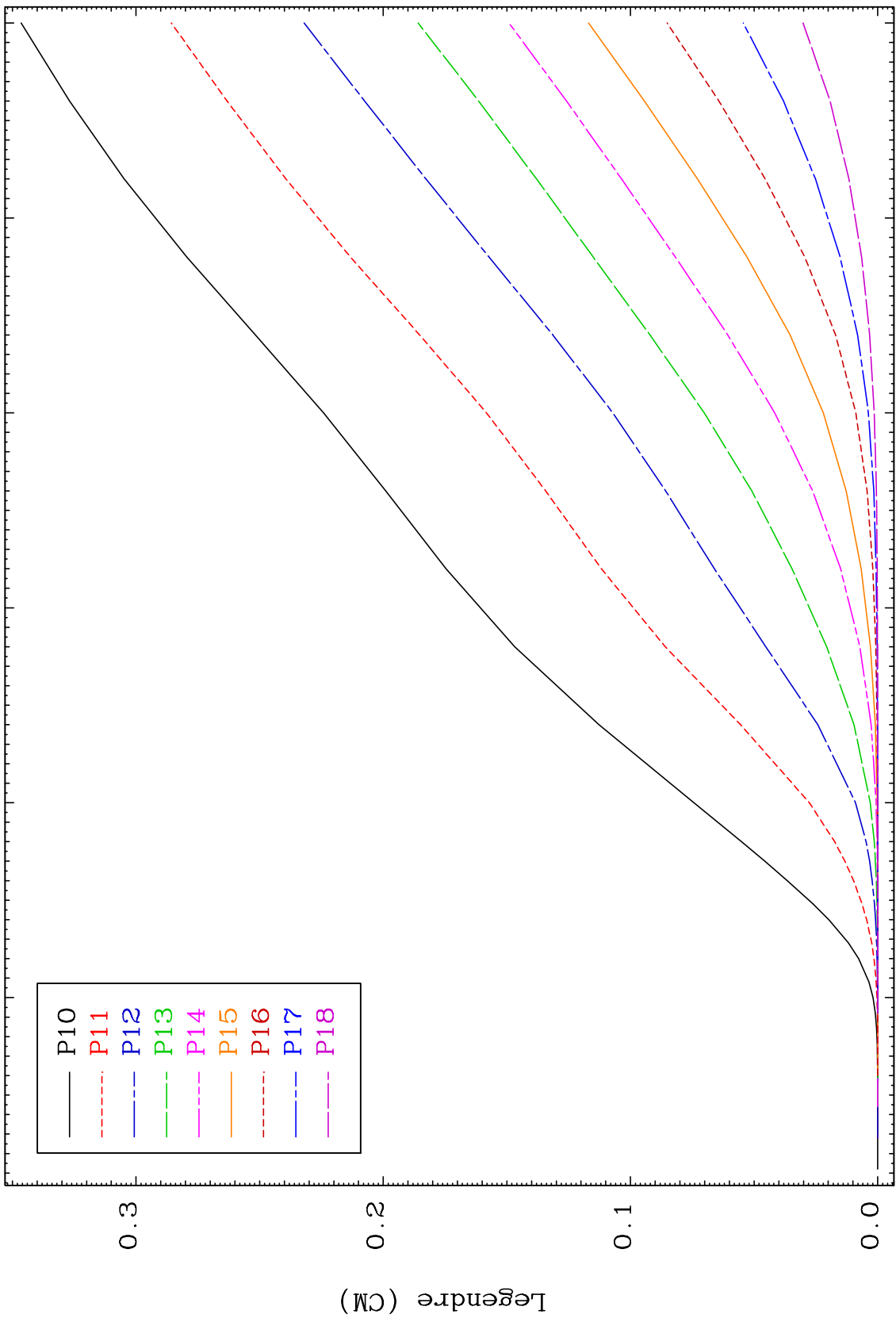
Incident Energy (MeV)

67-Ho-151

MAT 6683

Elastic
Legendre Coefficients

67-Ho-151



18

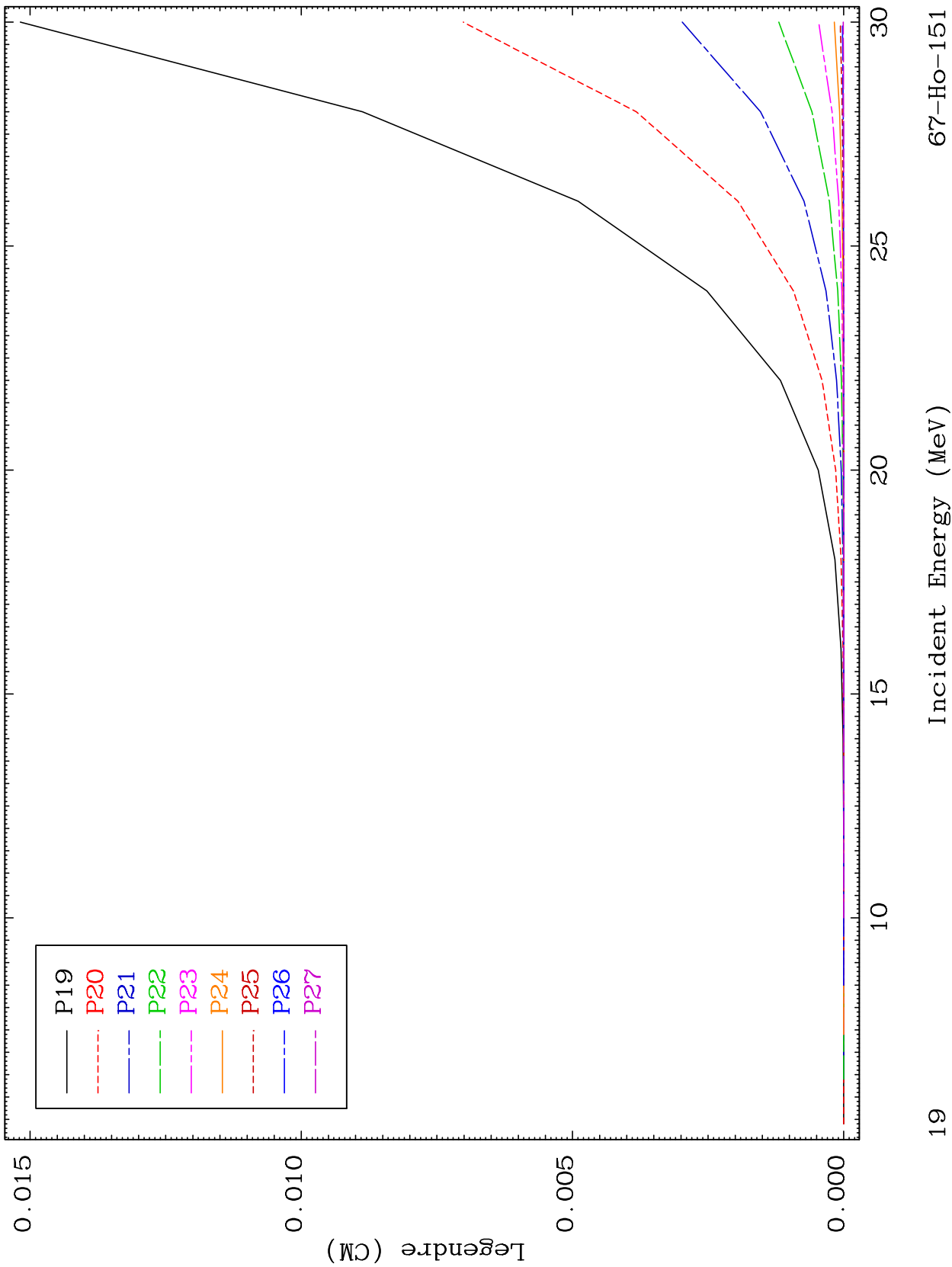
67-Ho-151

Incident Energy (MeV)

MAT 6683

Elastic Legendre Coefficients

67-Ho-151



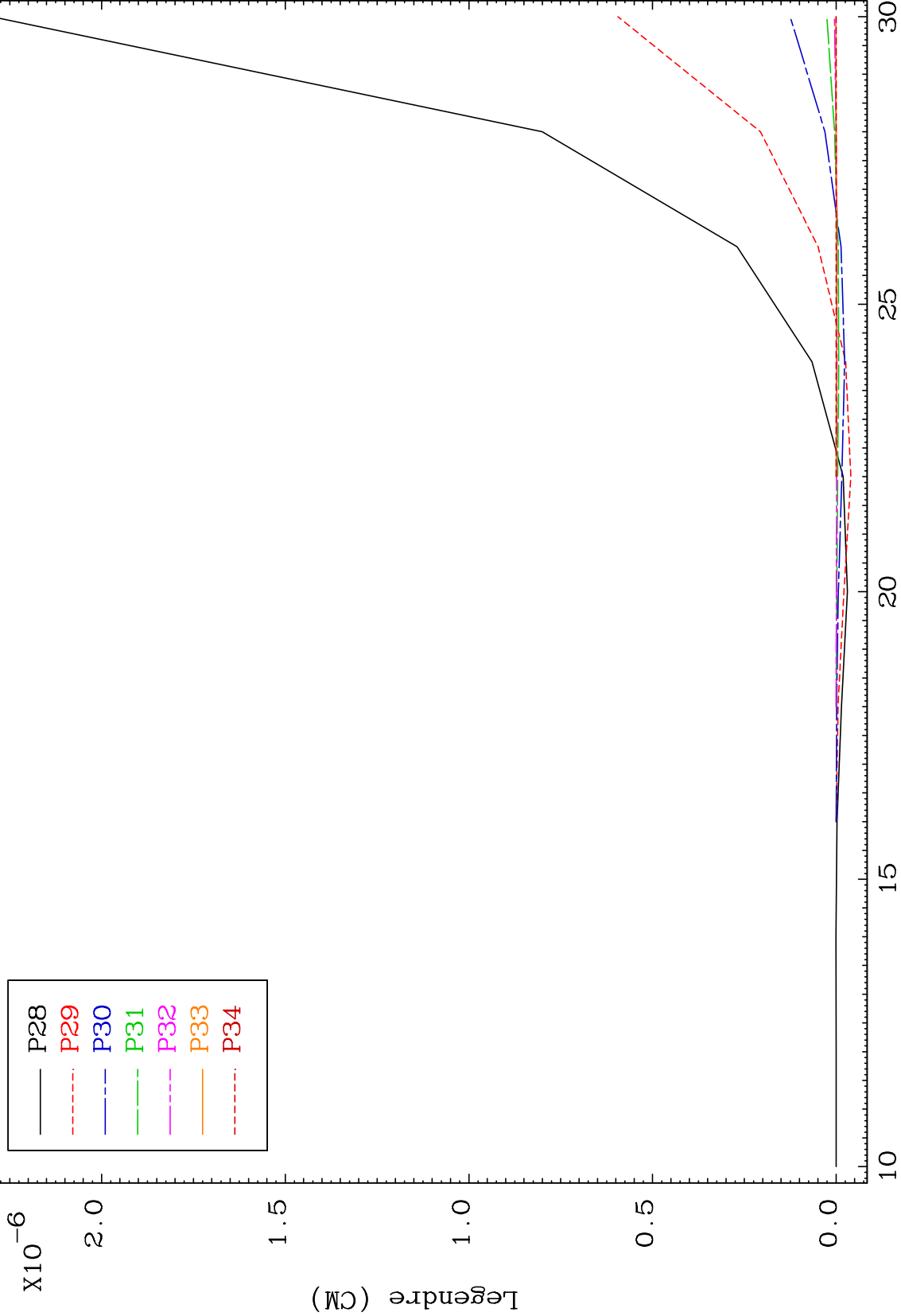
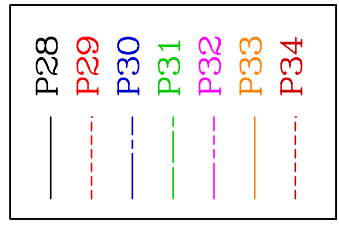
19

67-Ho-151

MAT 6683

Elastic
Legendre Coefficients

67-Ho-151



67-Ho-151

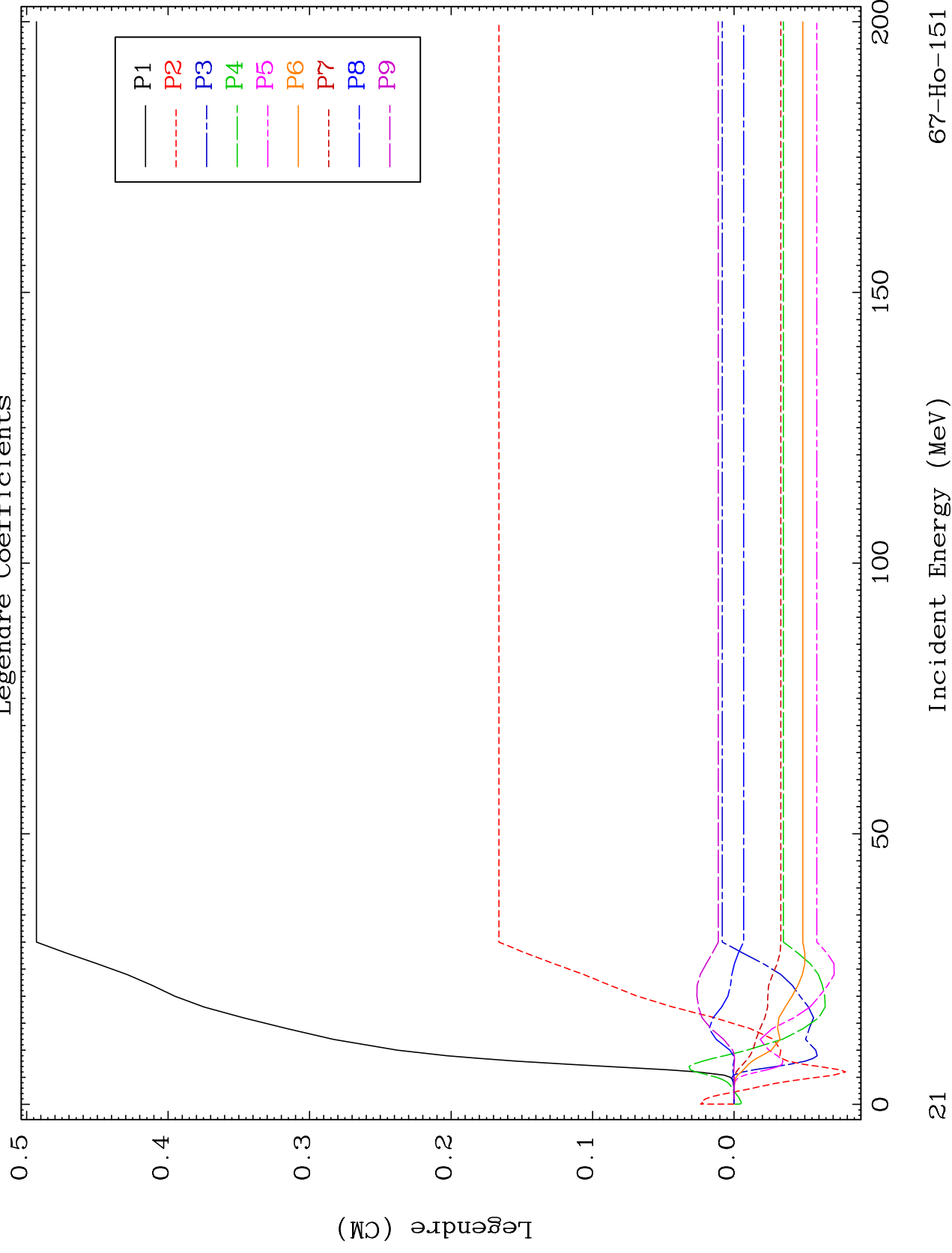
Incident Energy (MeV)

20

MAT 6683

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

67-Ho-151



67-Ho-151

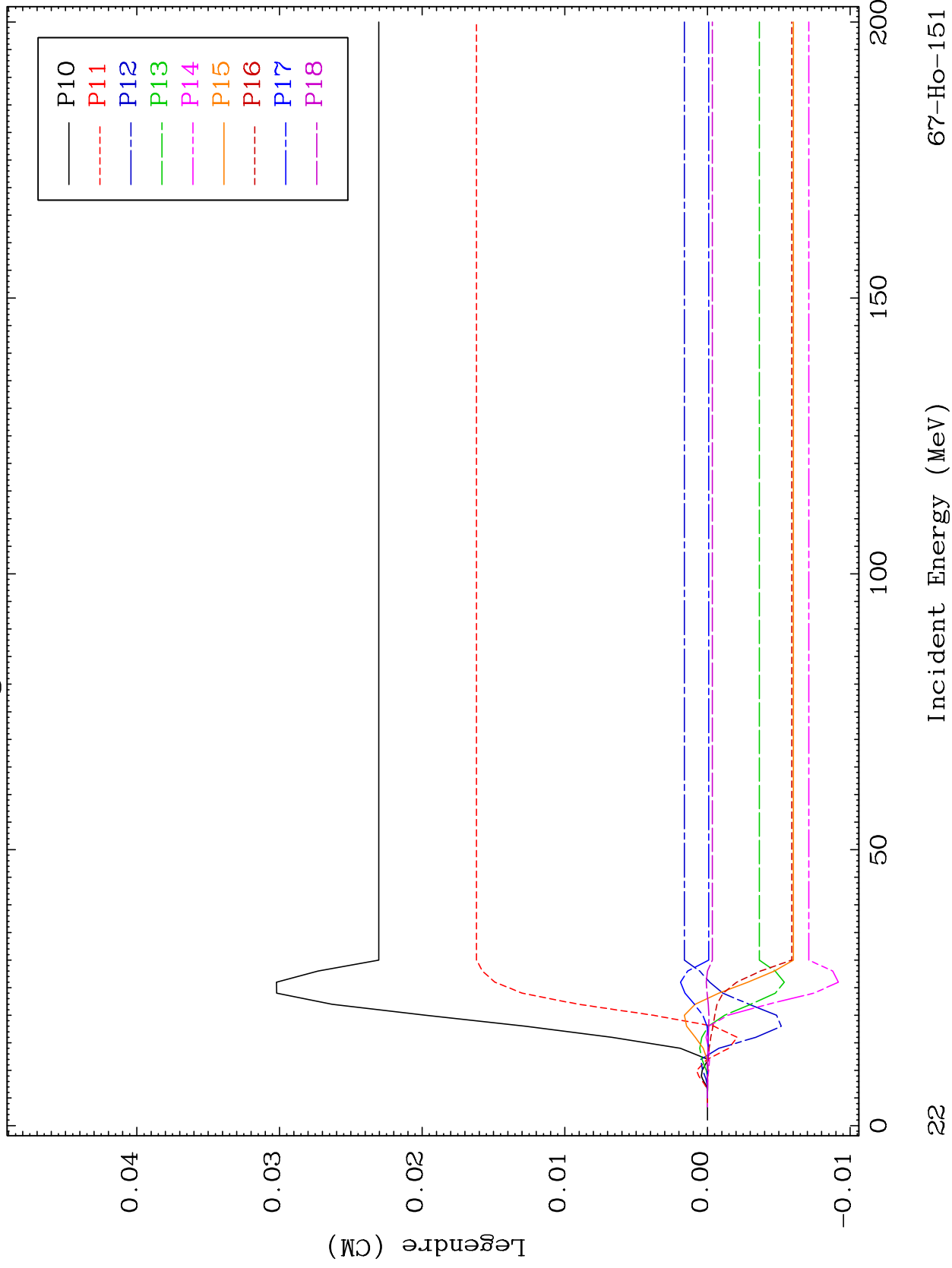
Incident Energy (MeV)

21

MAT 6683

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

67-Ho-151



67-Ho-151

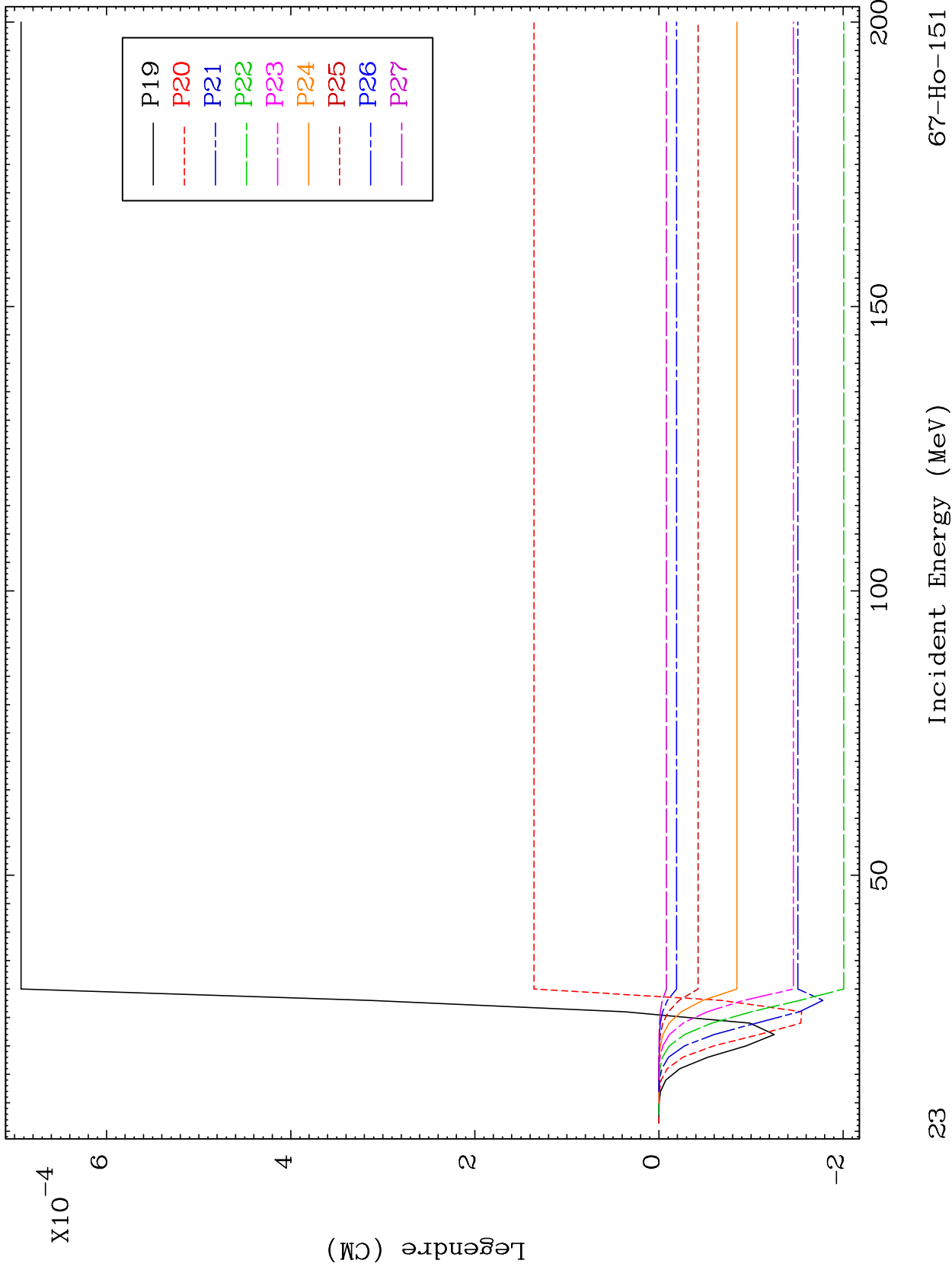
Incident Energy (MeV)

22

MAT 6683

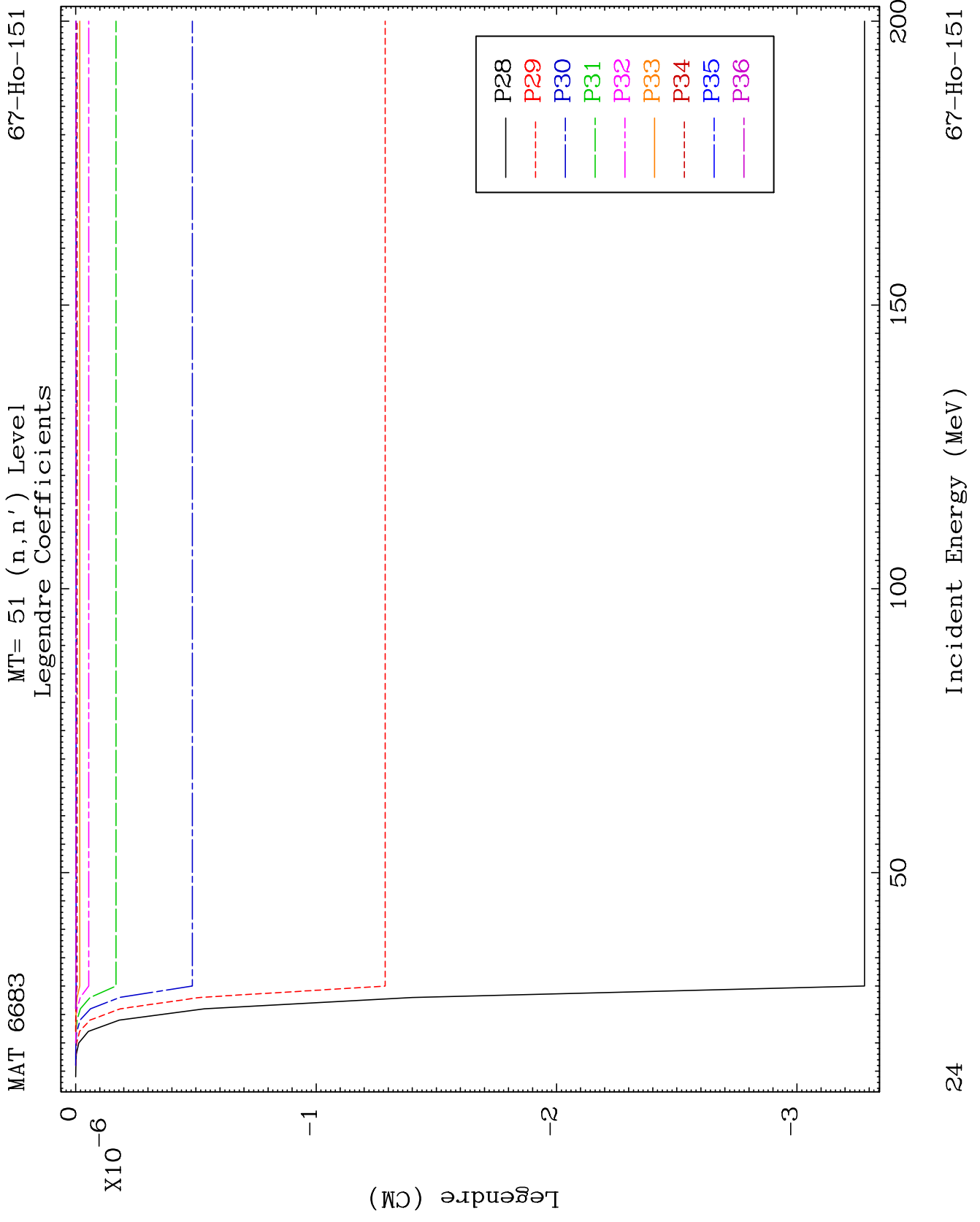
MT= 51 (n,n') Level
Legendre Coefficients

67-Ho-151



23

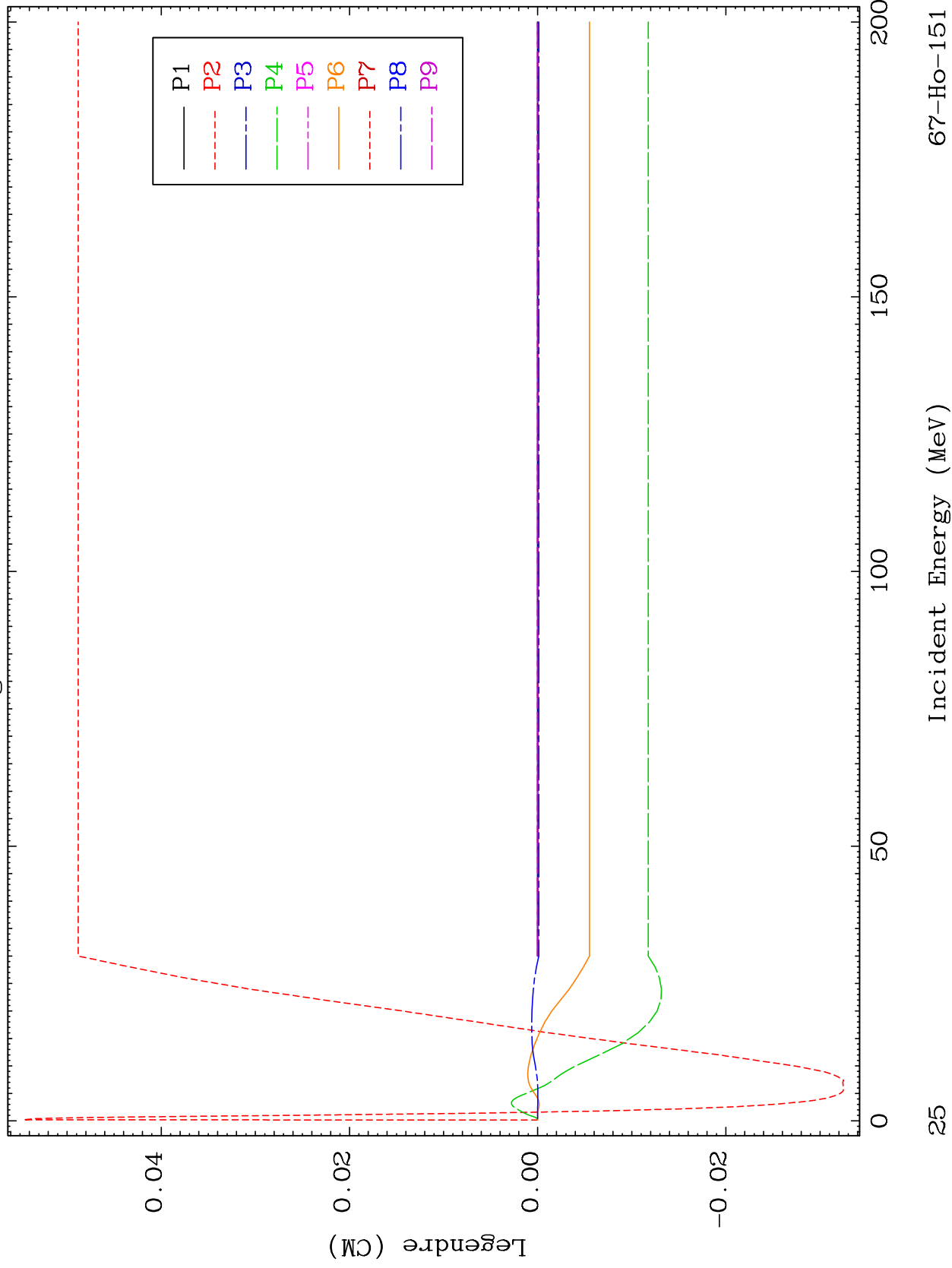
67-Ho-151



MAT 6683

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

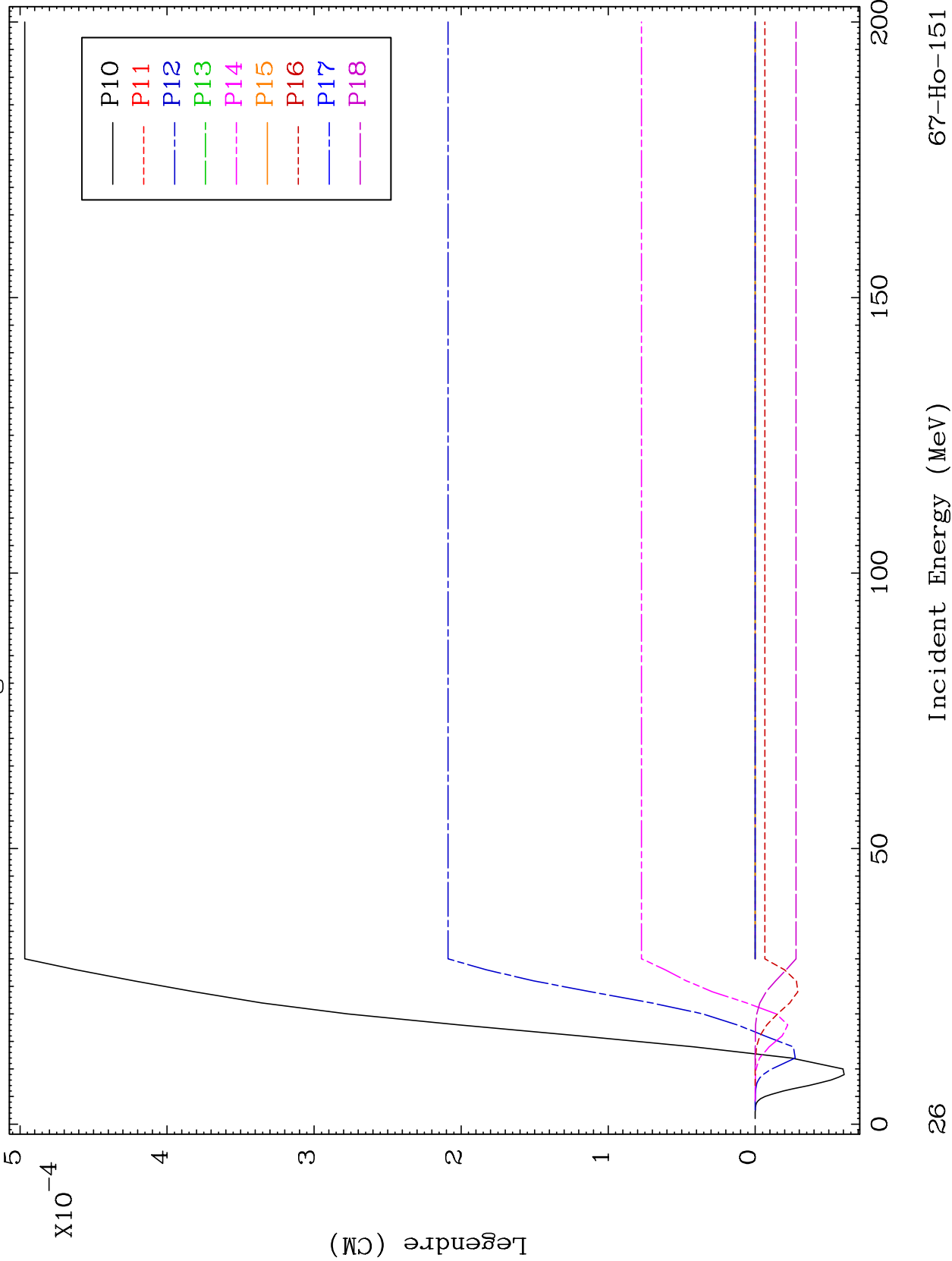
67-Ho-151



MAT 6683

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

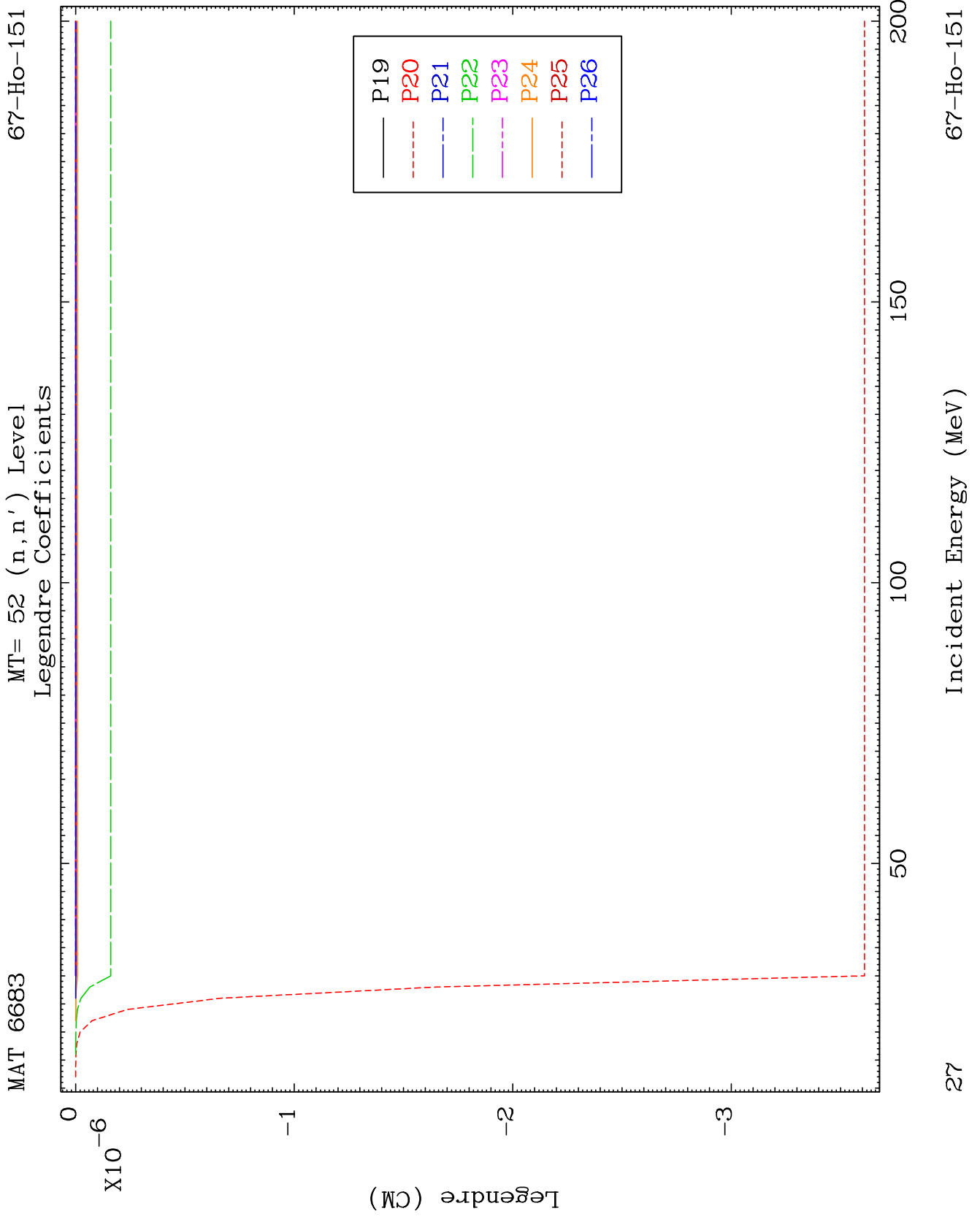
67-Ho-151



26

Incident Energy (MeV)

67-Ho-151

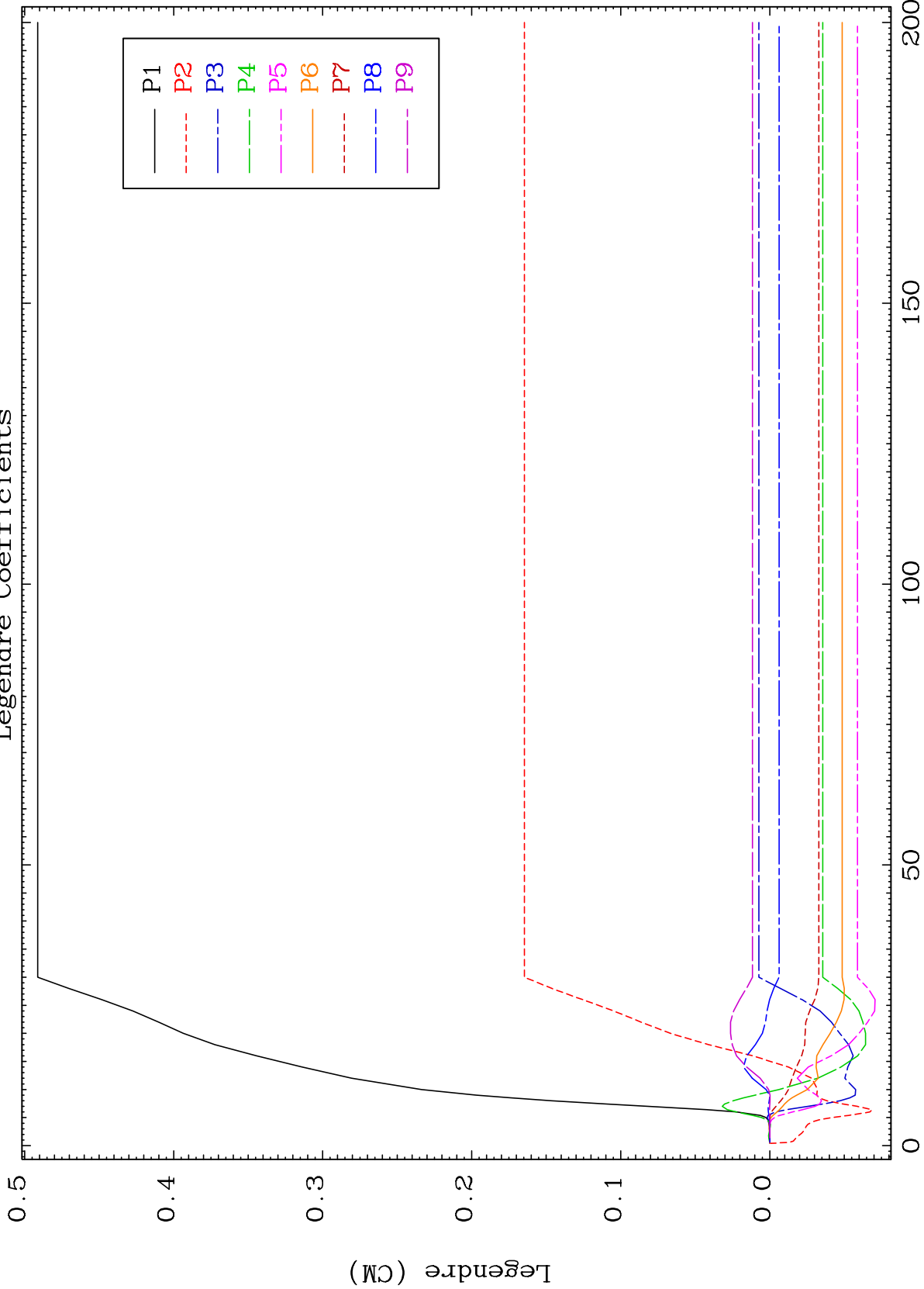


MAT 6683

MT= 53 (n,n') Level

67-Ho-151

Legendre Coefficients



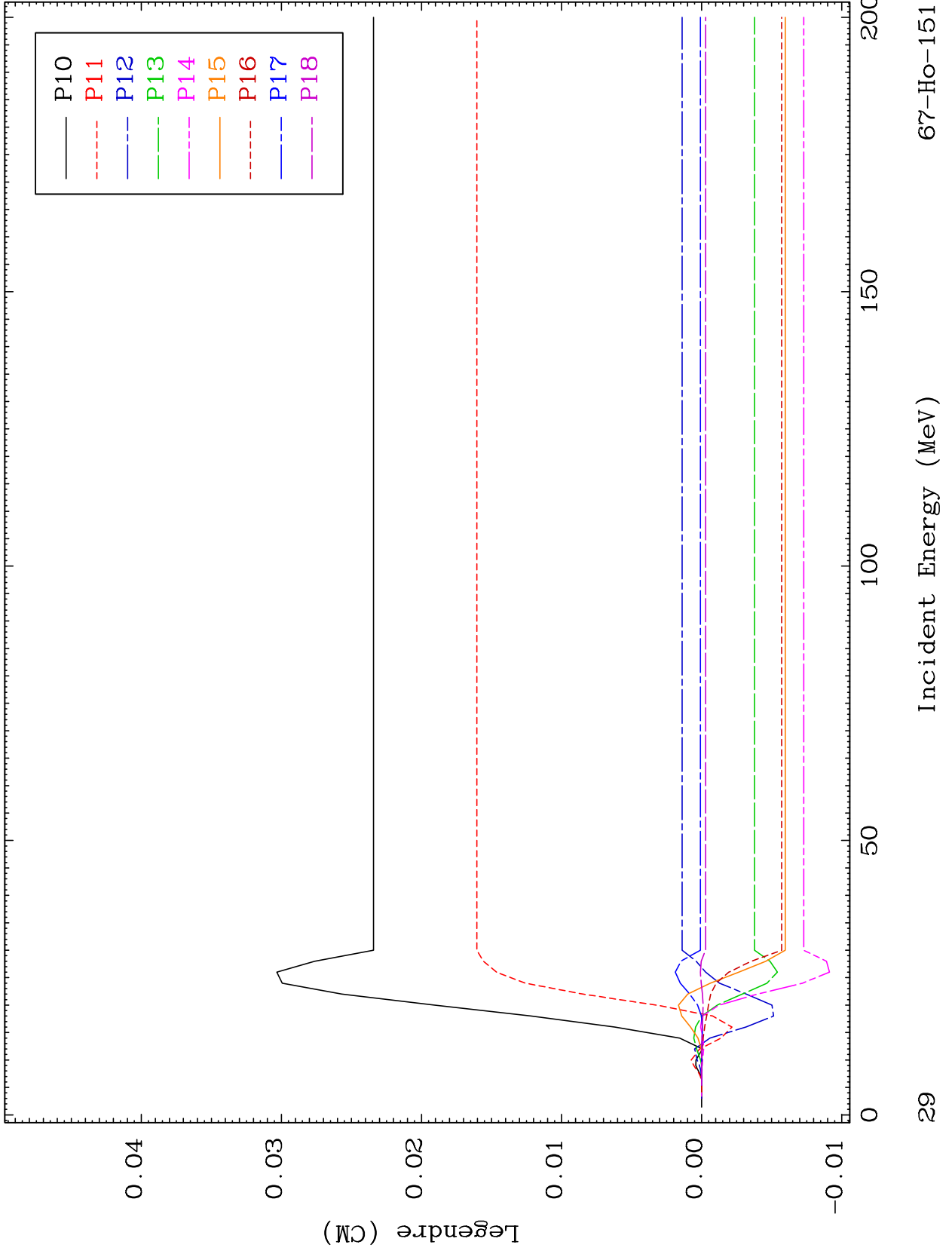
28

67-Ho-151

MAT 6683

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

67-Ho-151



29

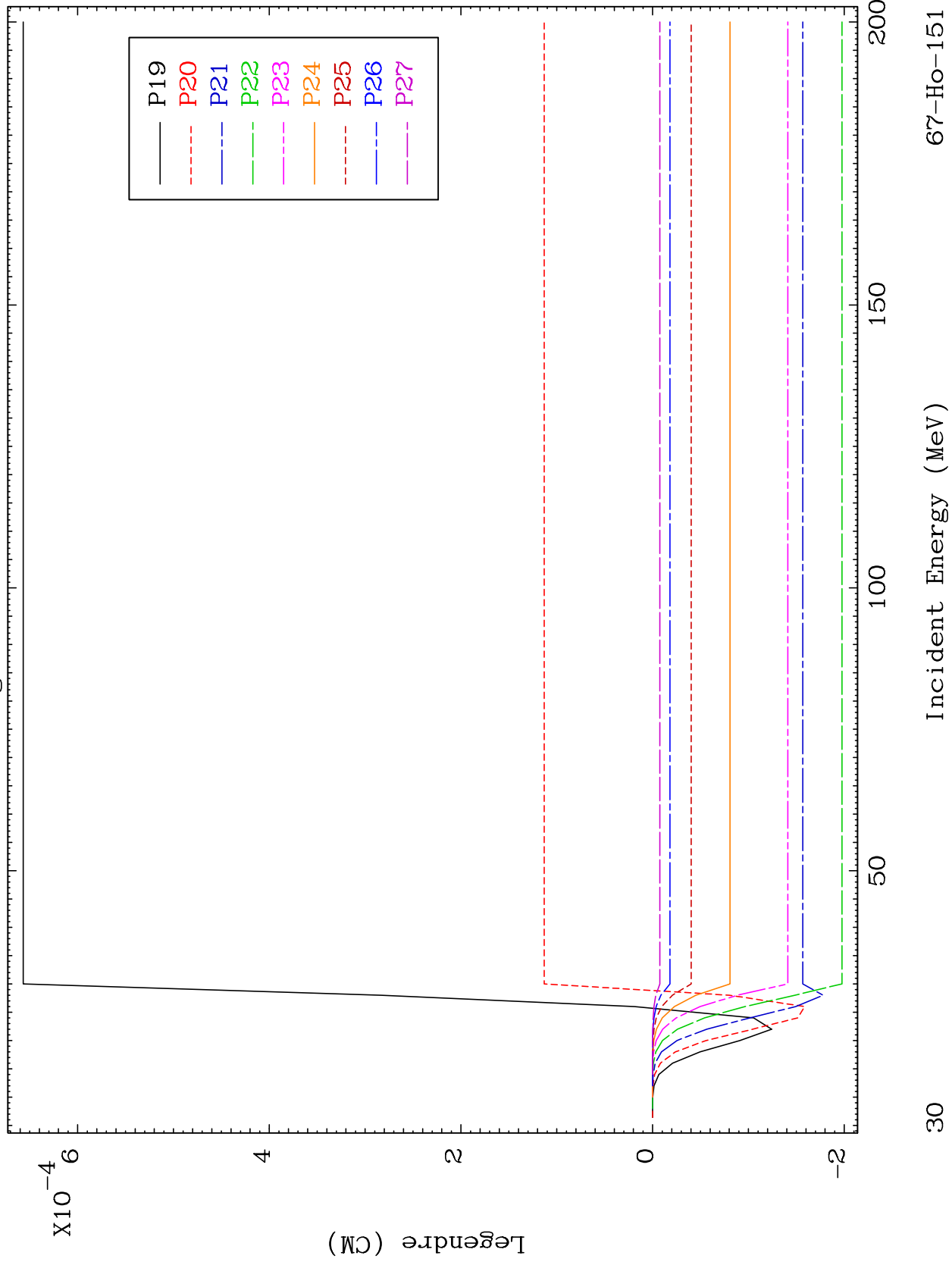
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

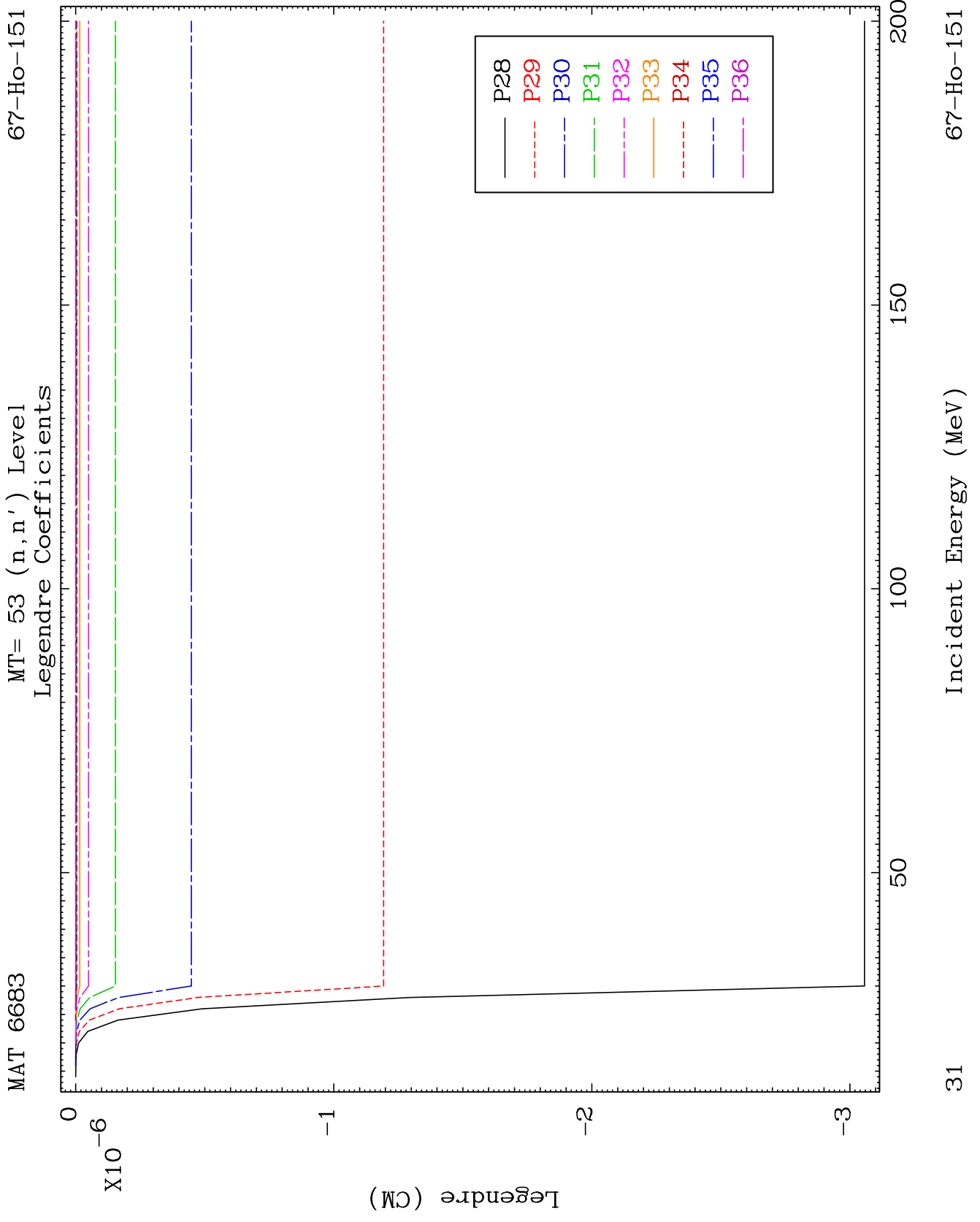
67-Ho-151



30

Incident Energy (MeV)

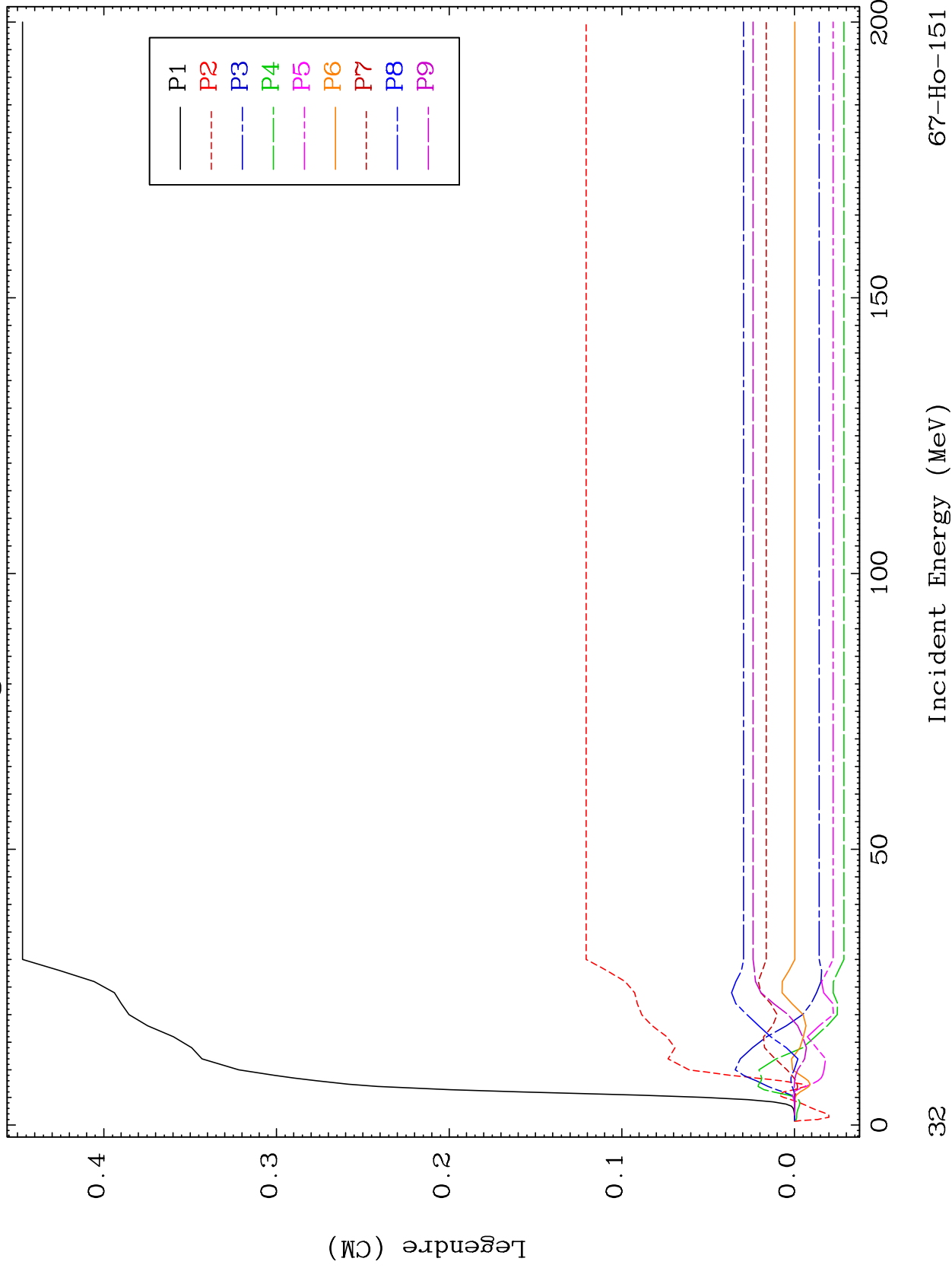
67-Ho-151



MAT 6683

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

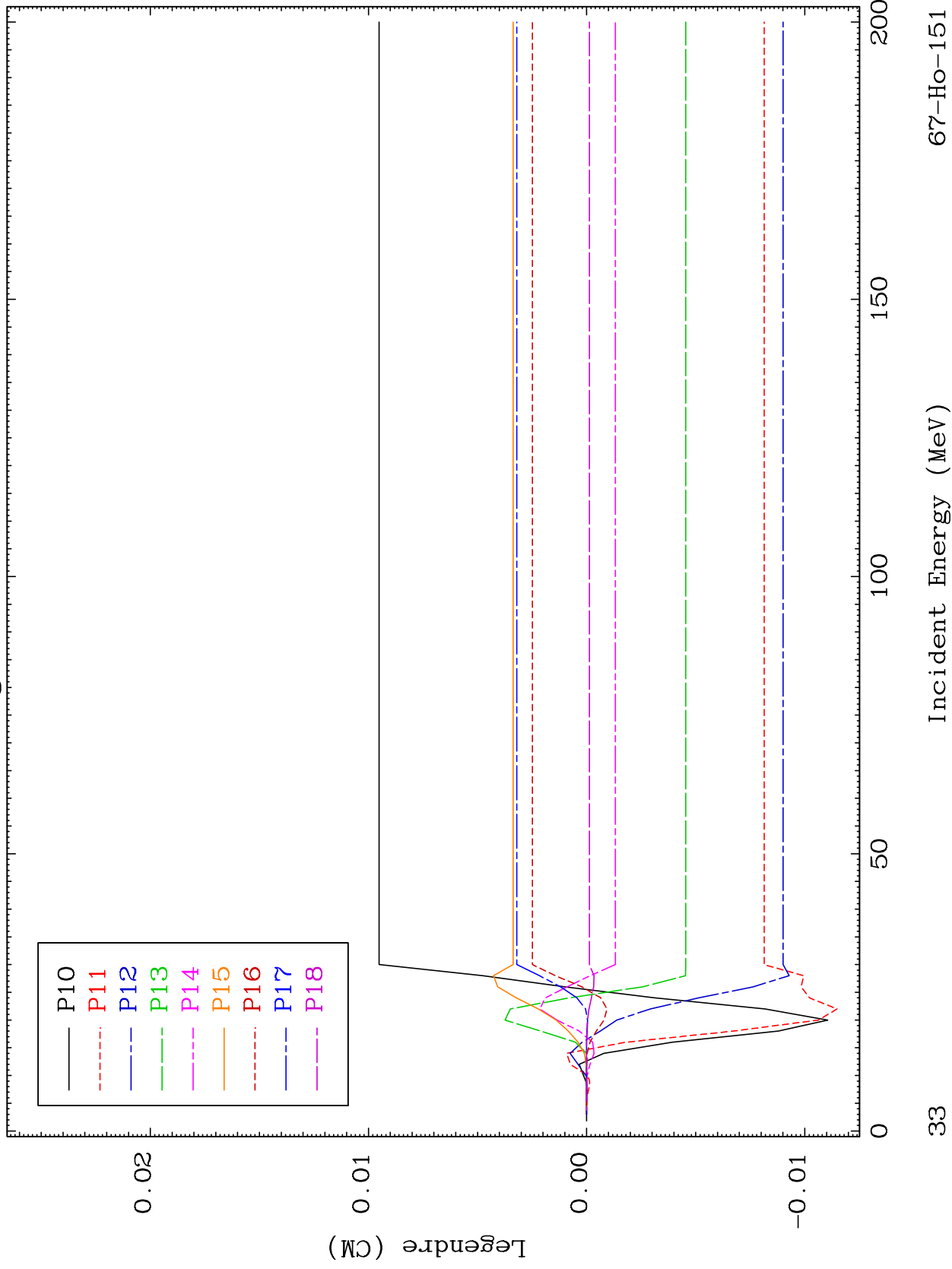
67-Ho-151



67-Ho-151

Incident Energy (MeV)

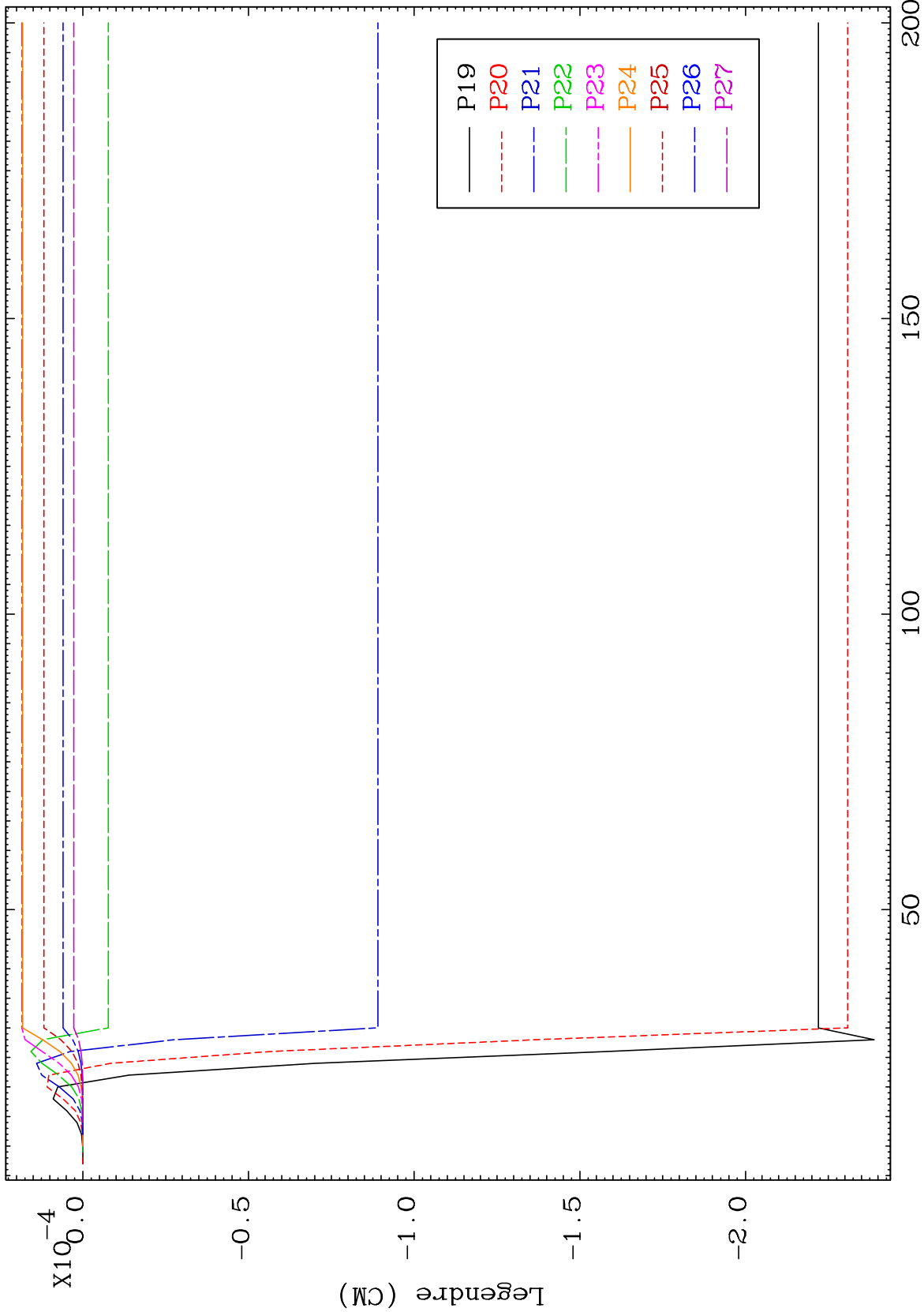
32



MAT 6683

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

67-Ho-151



34

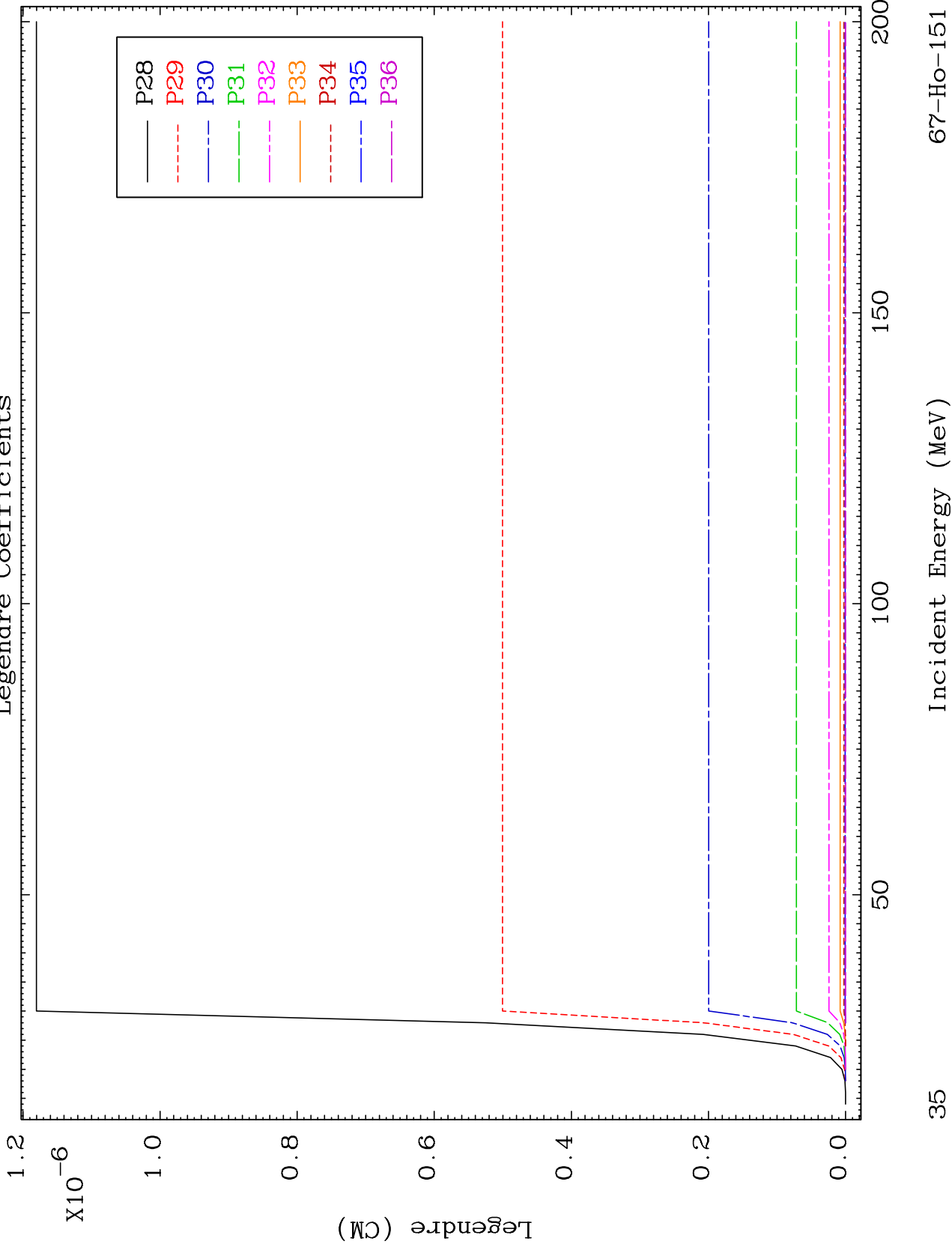
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



35

Incident Energy (MeV)

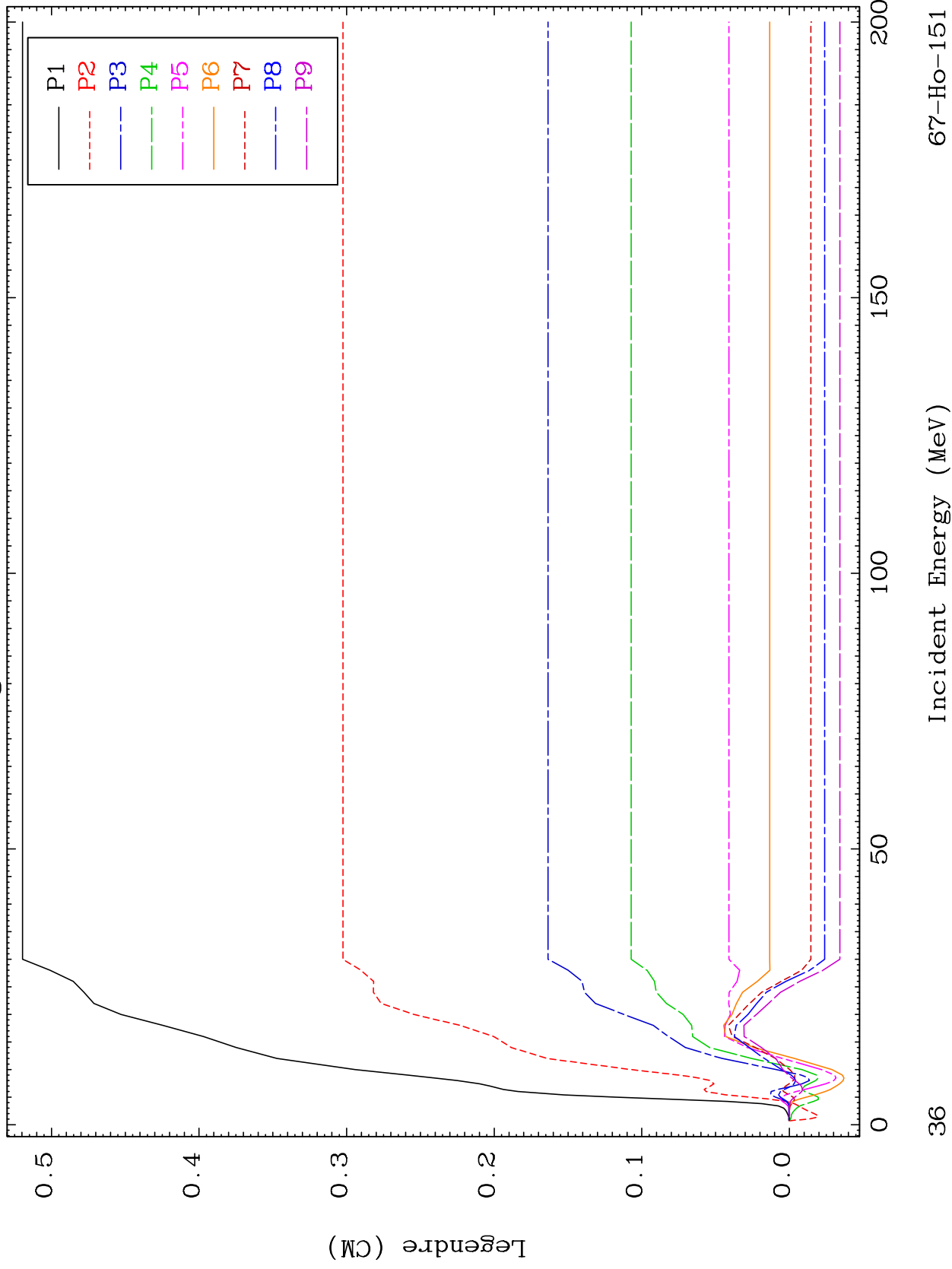
67-Ho-151

MAT 6683

MT= 55 (n,n') Level

67-Ho-151

Legendre Coefficients

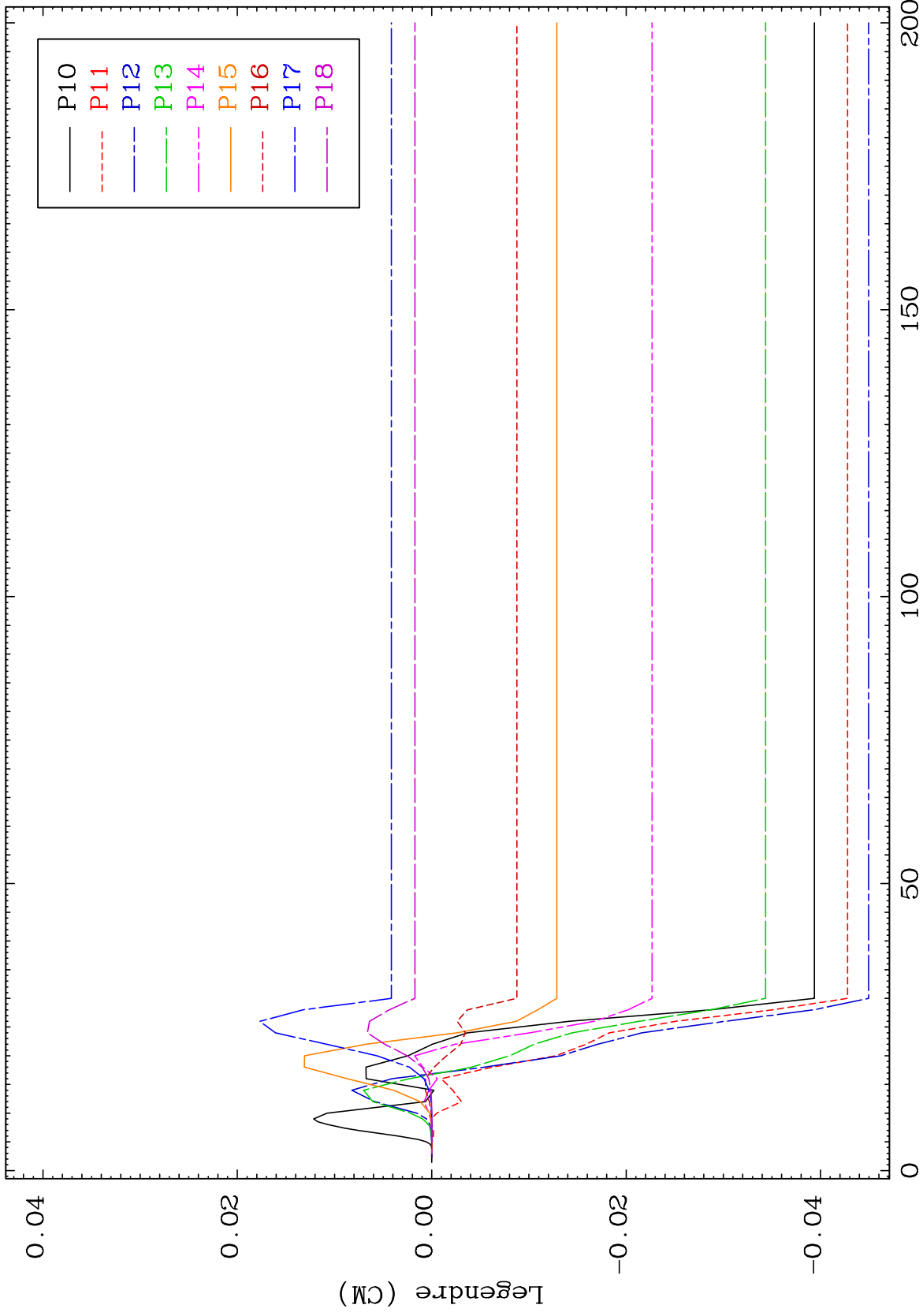


36

MAT 6683

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

67-Ho-151



37

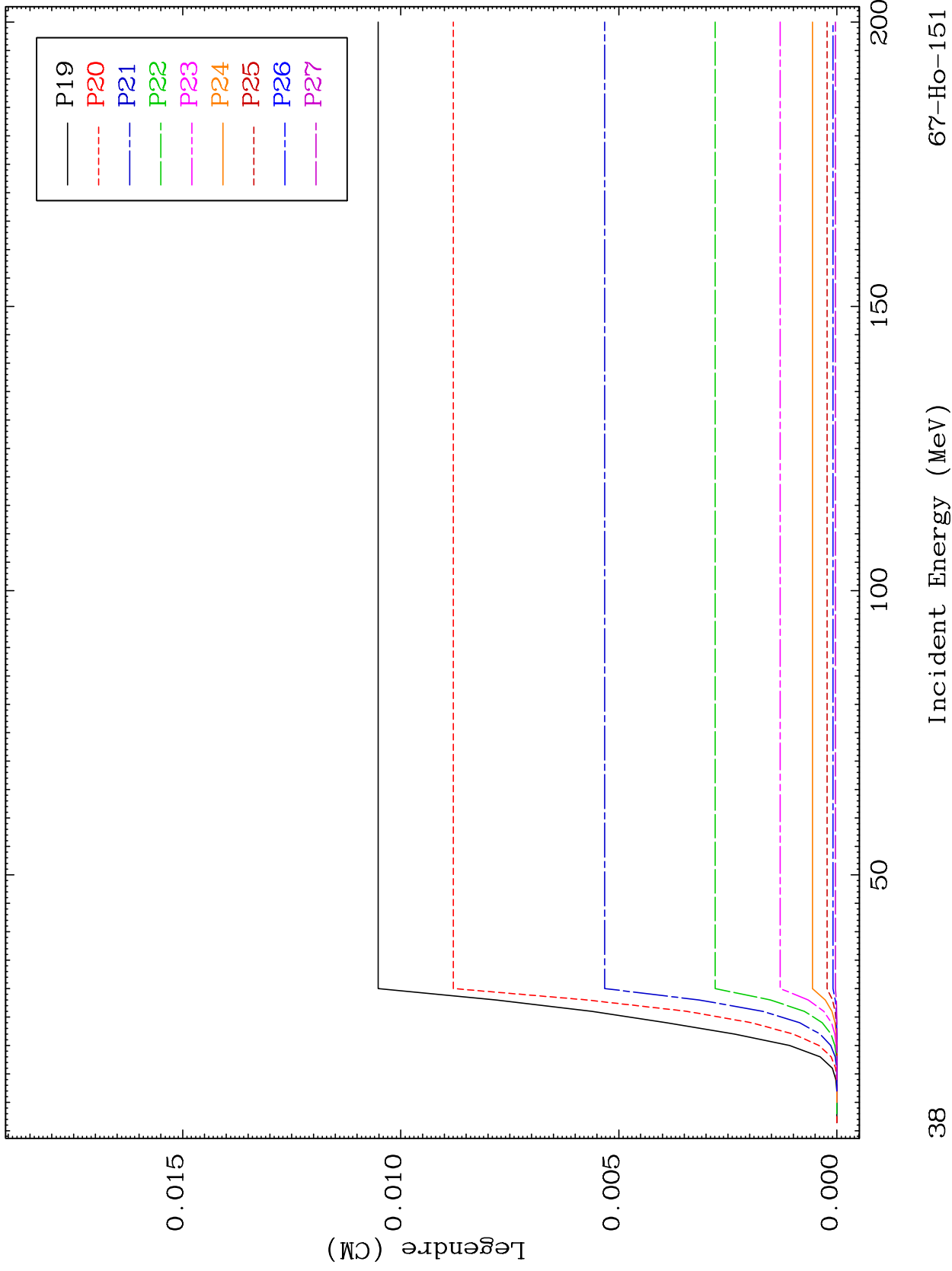
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



38

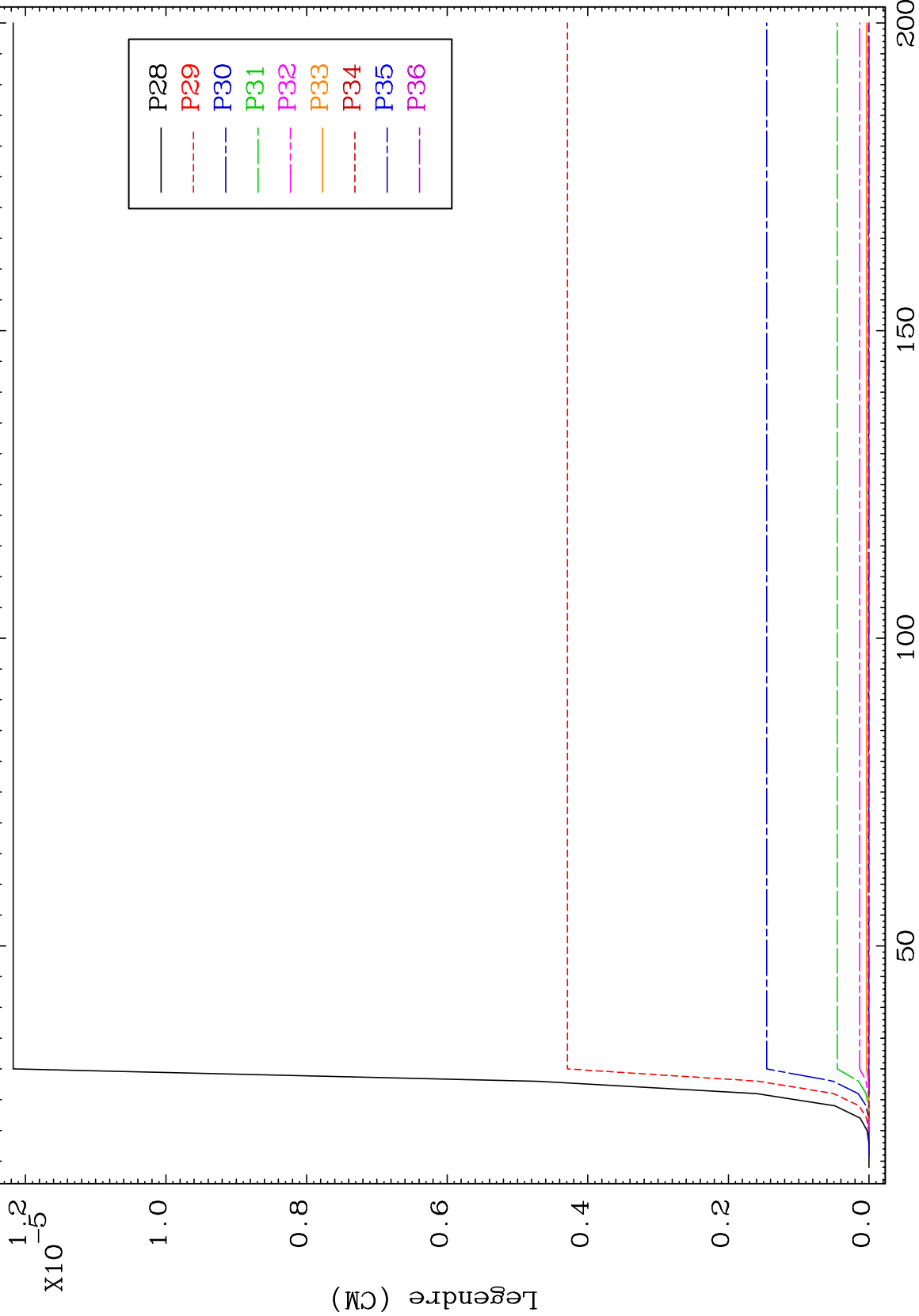
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



39

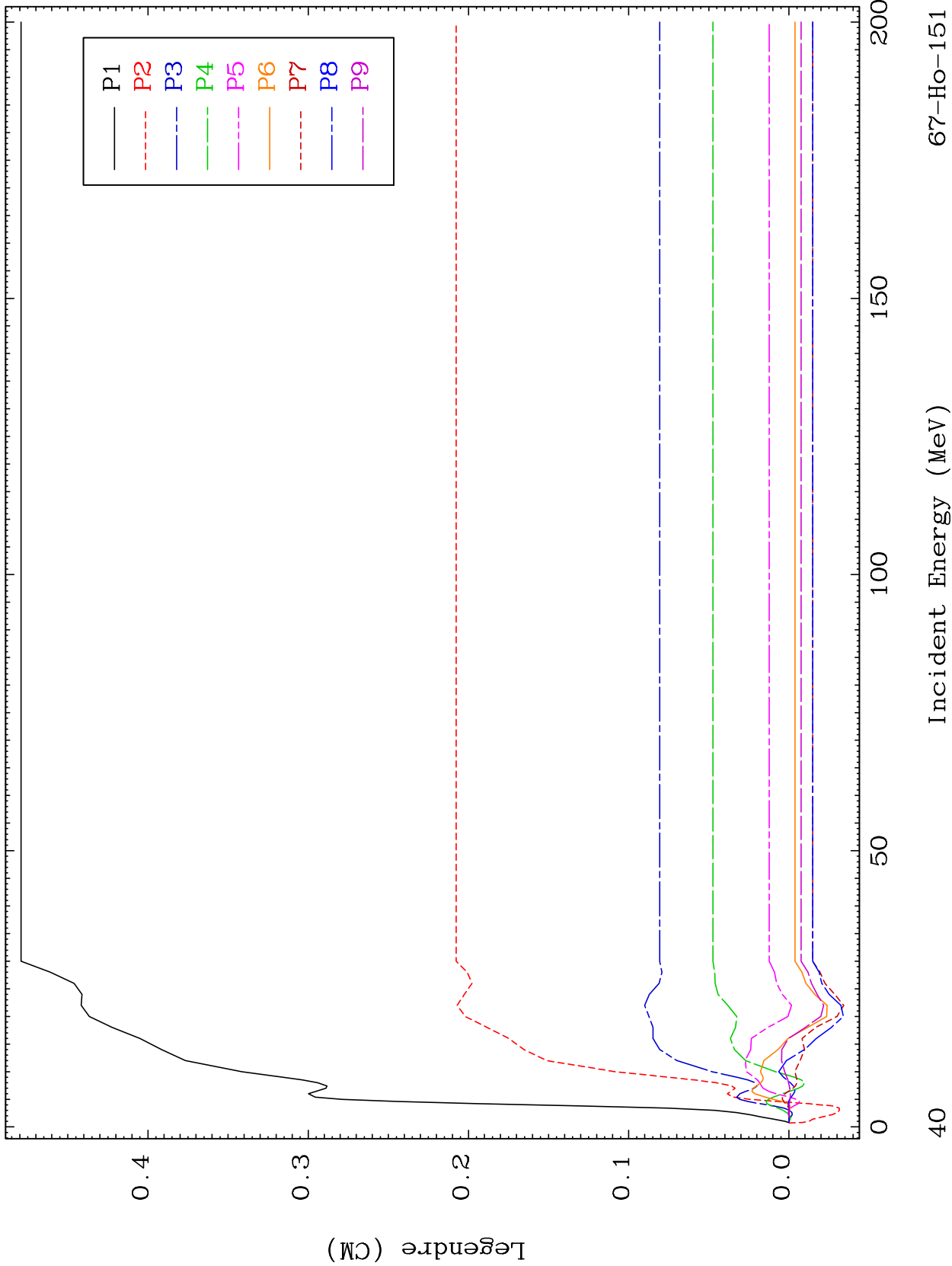
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

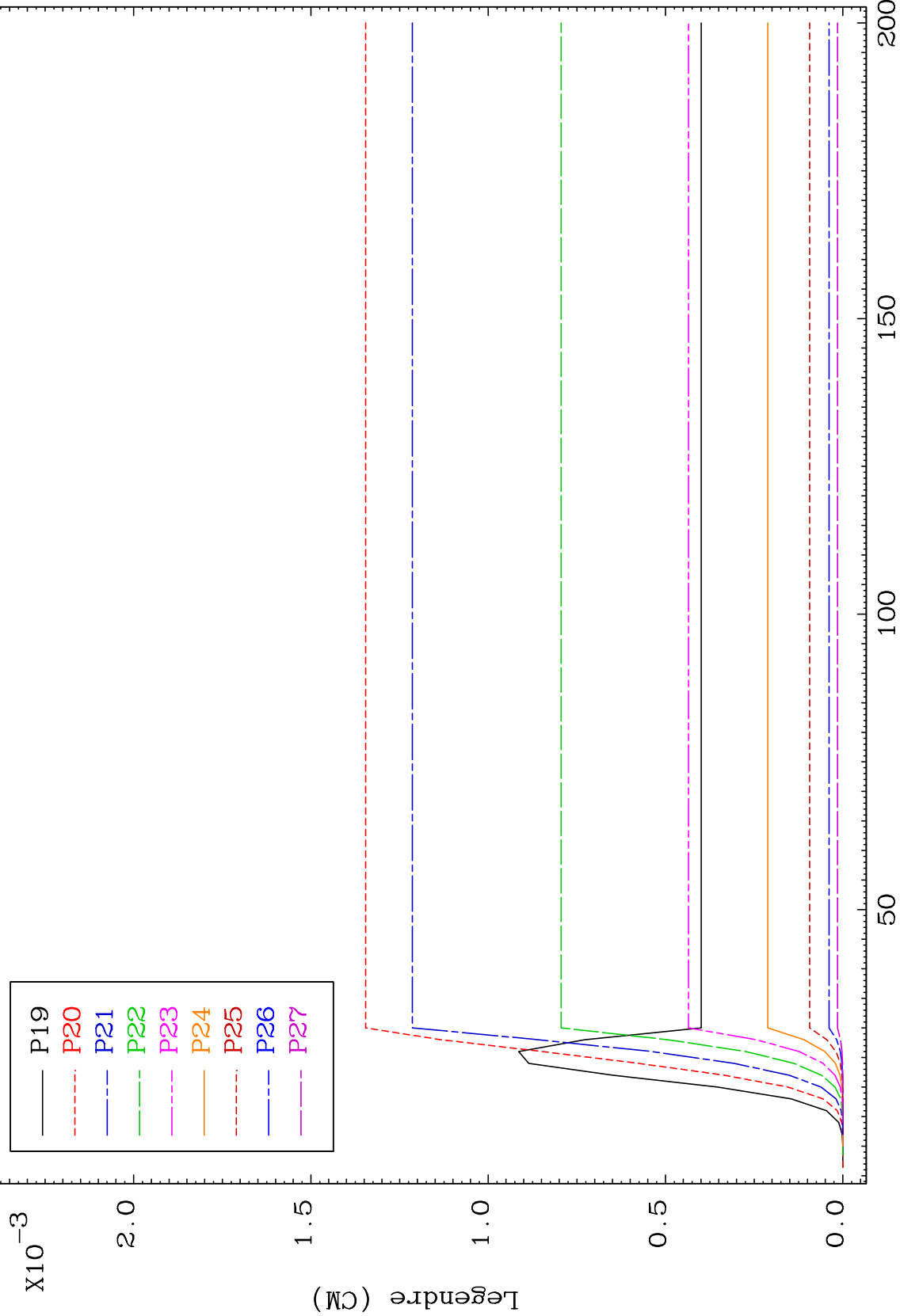
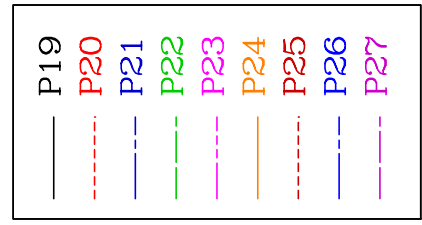
Incident Energy (MeV)

40

MAT 6683

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

67-Ho-151



42

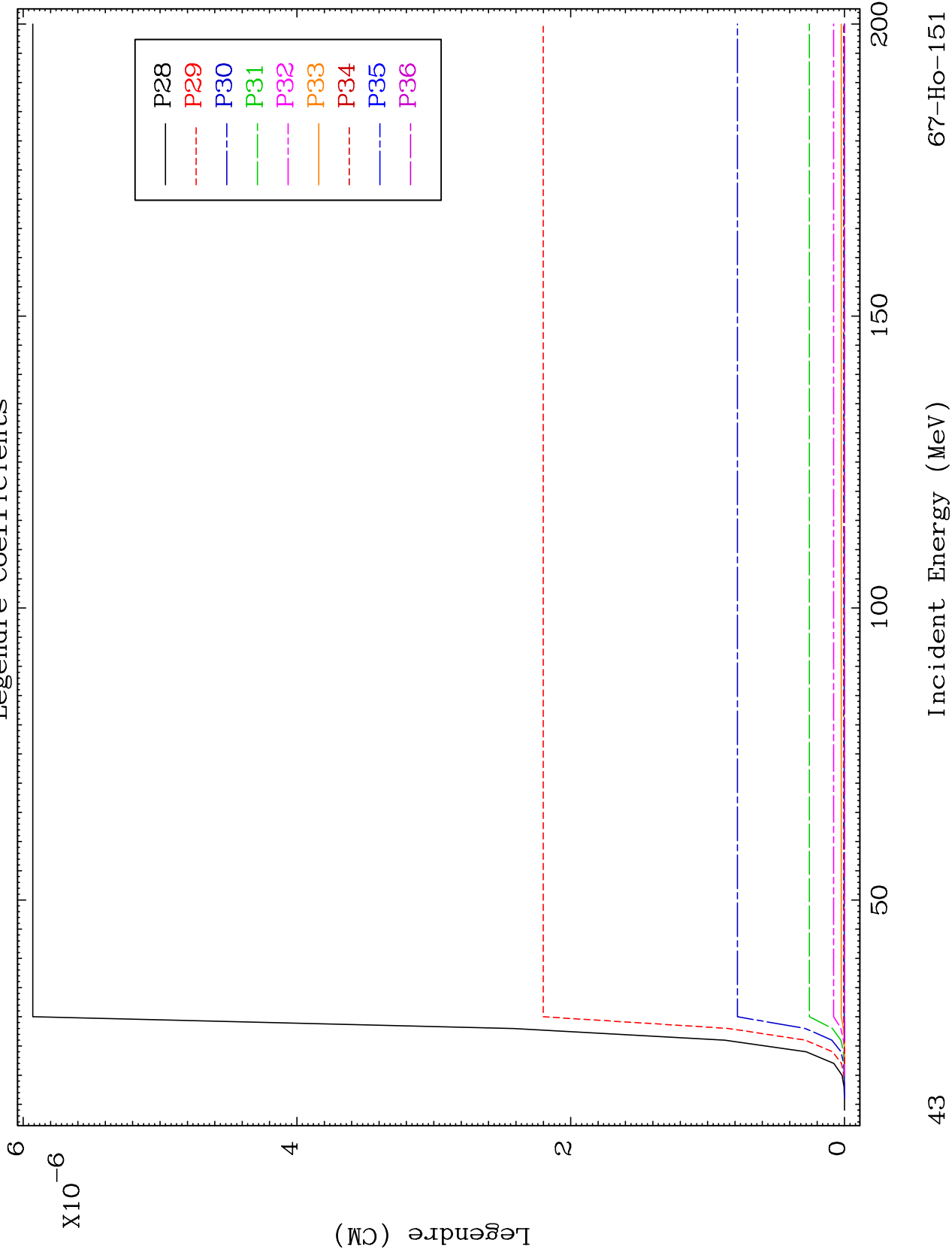
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



43

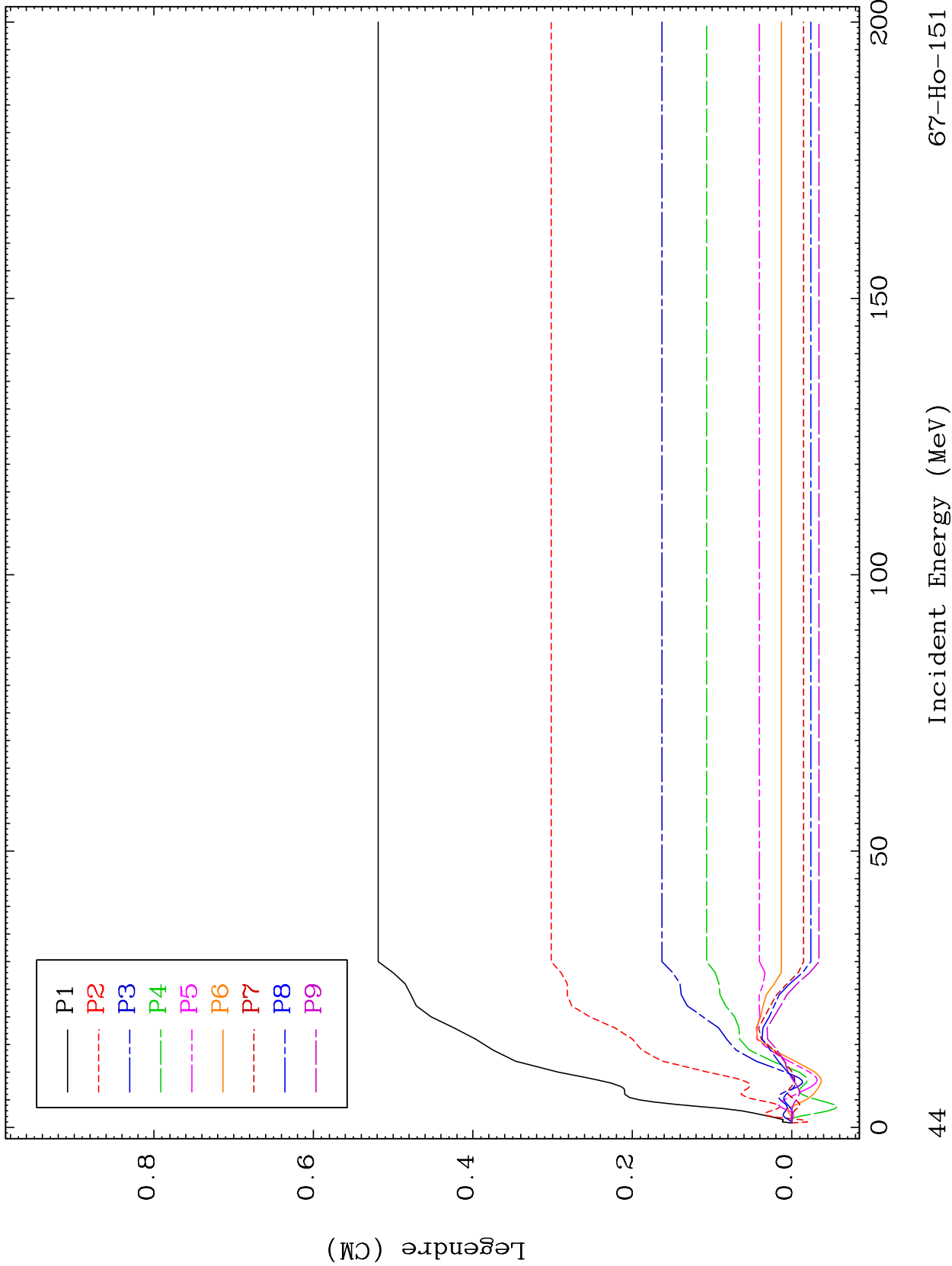
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



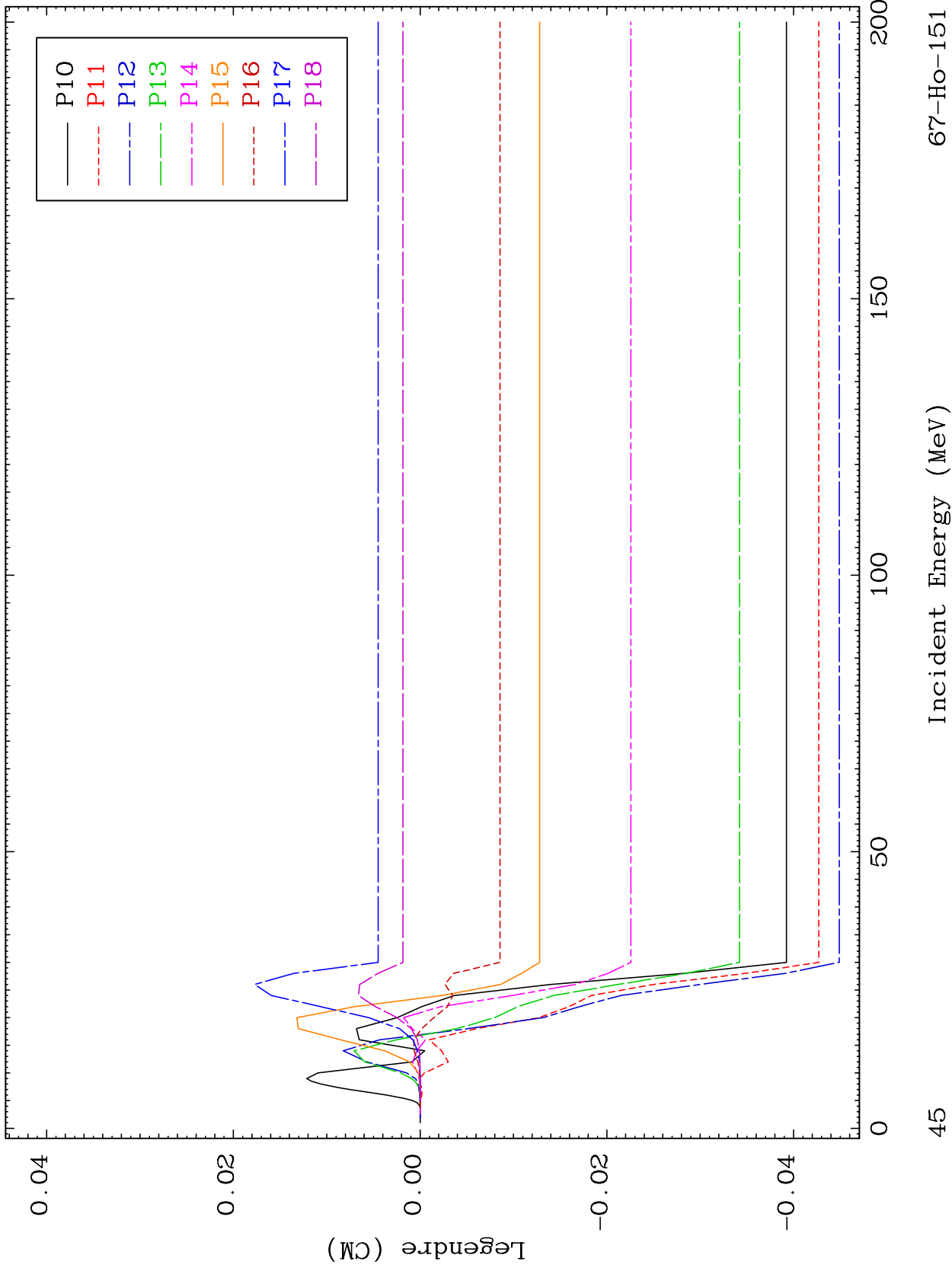
44

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

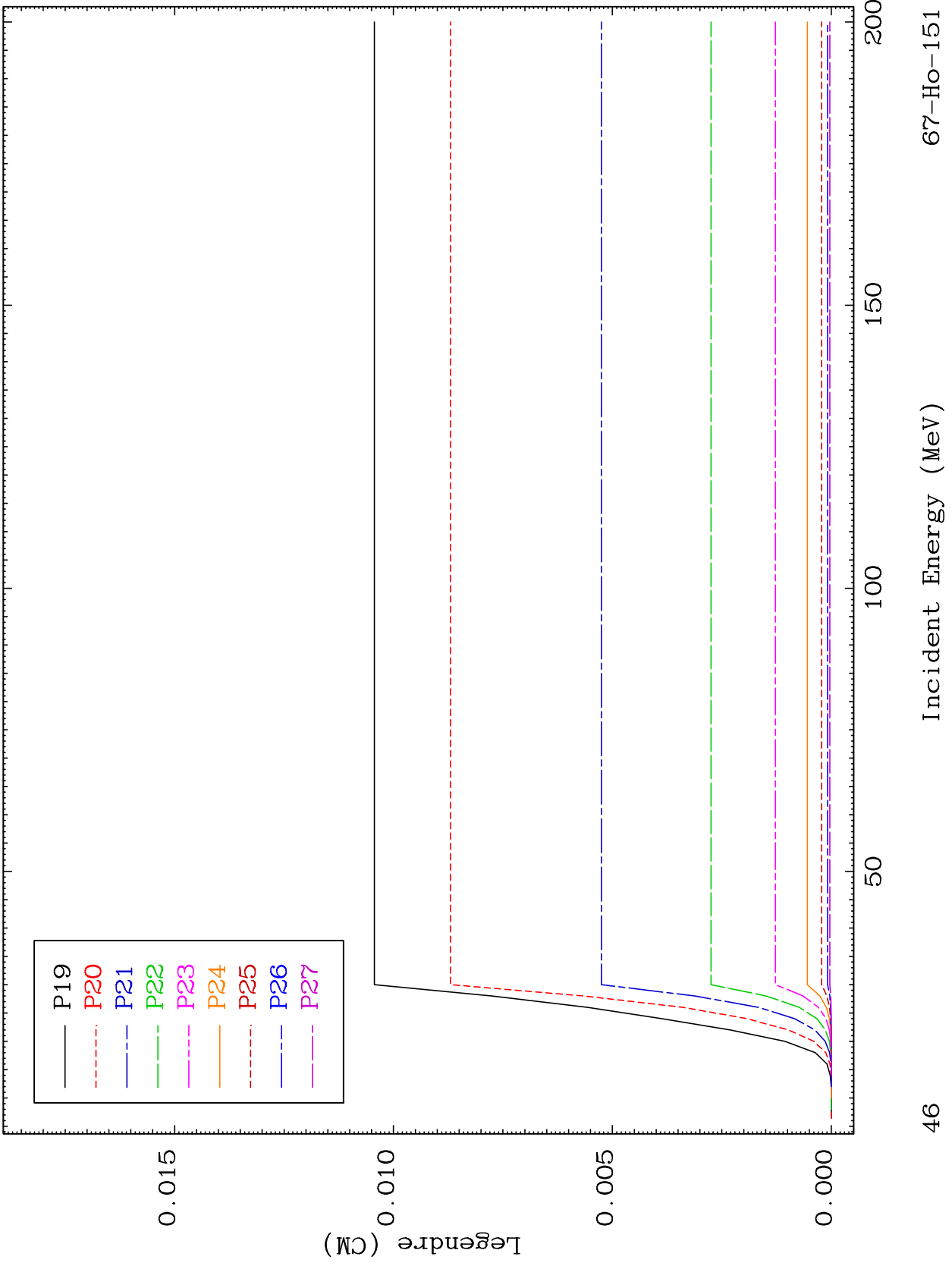
Incident Energy (MeV)

45

MAT 6683

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

67-Ho-151



46

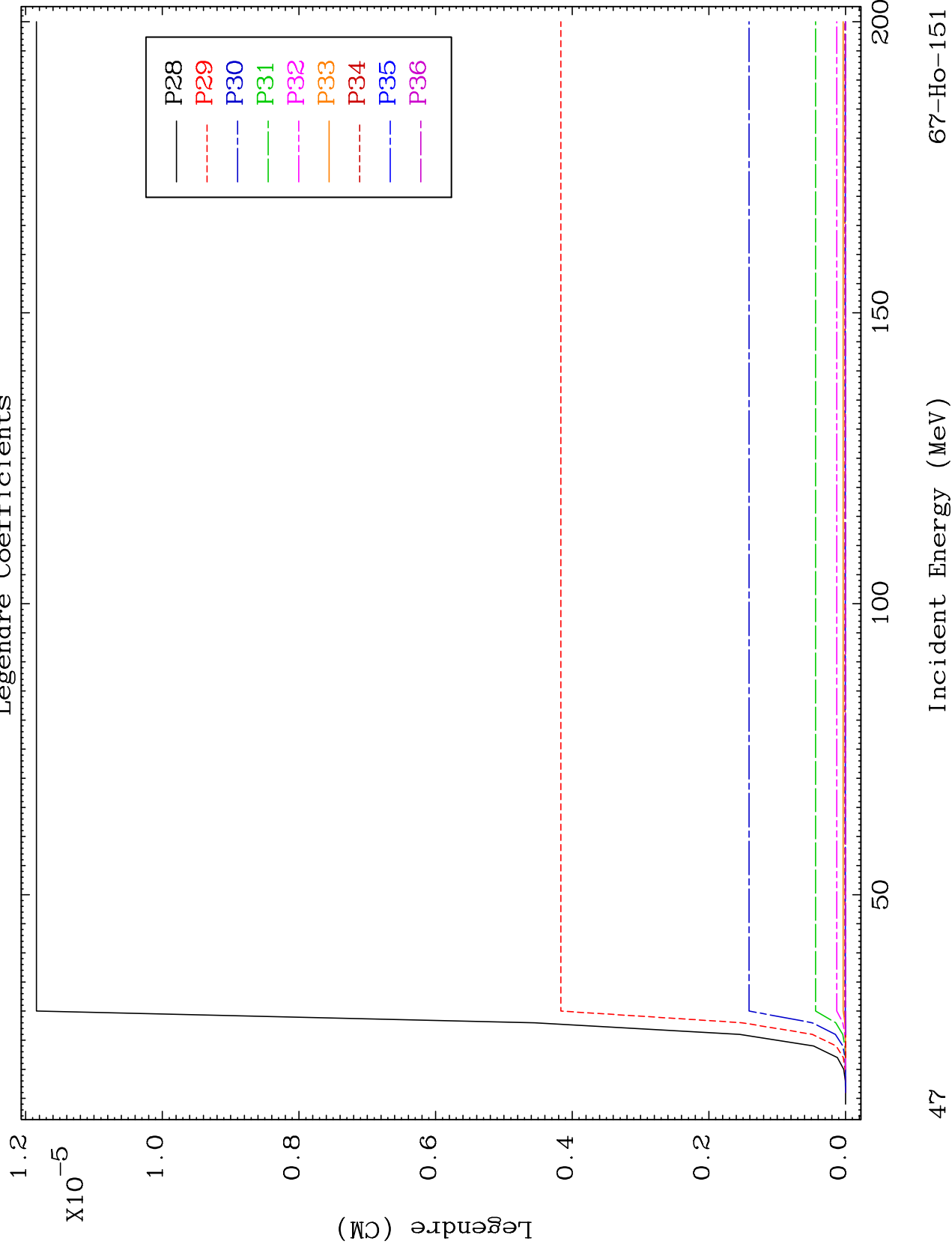
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



47

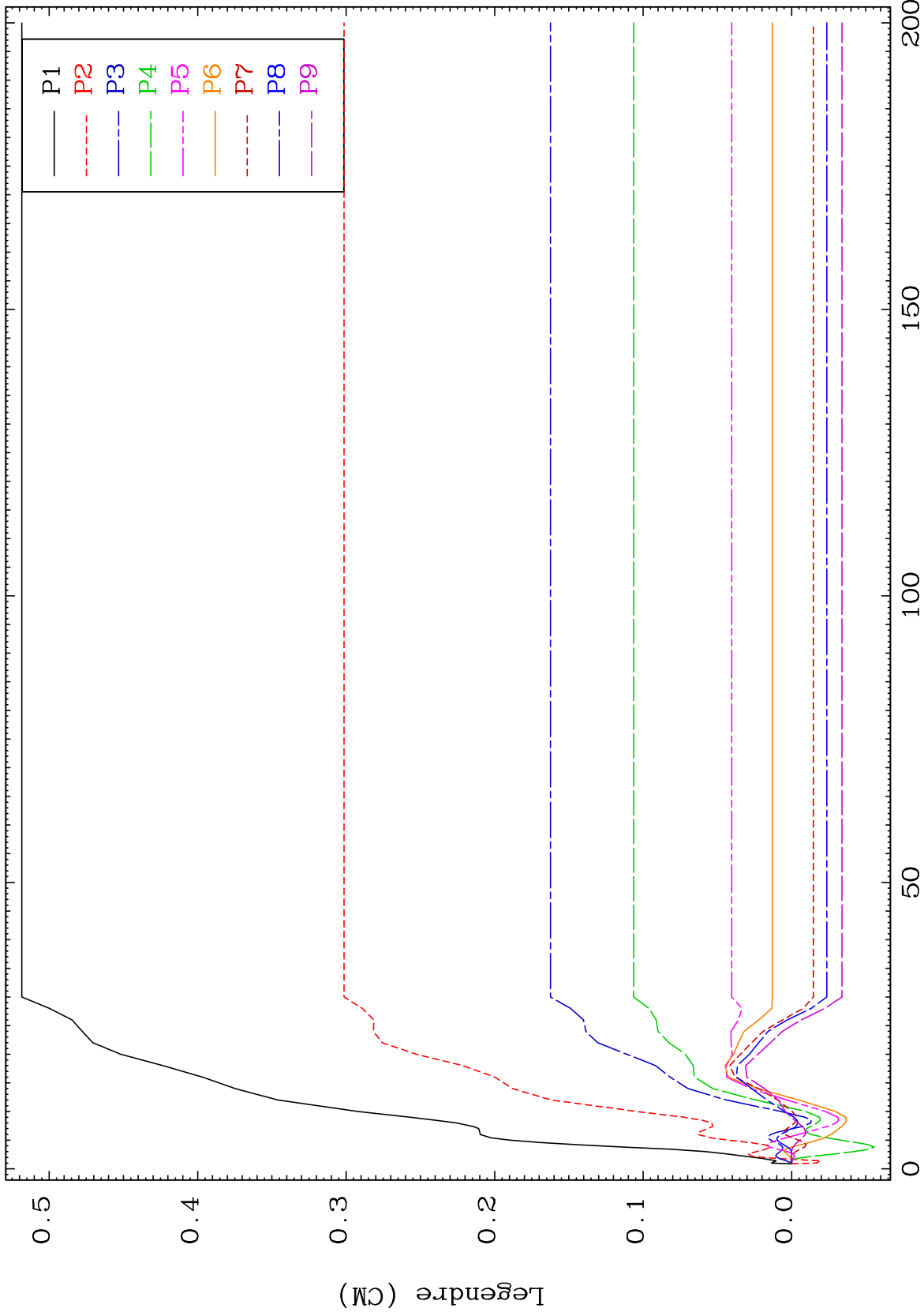
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

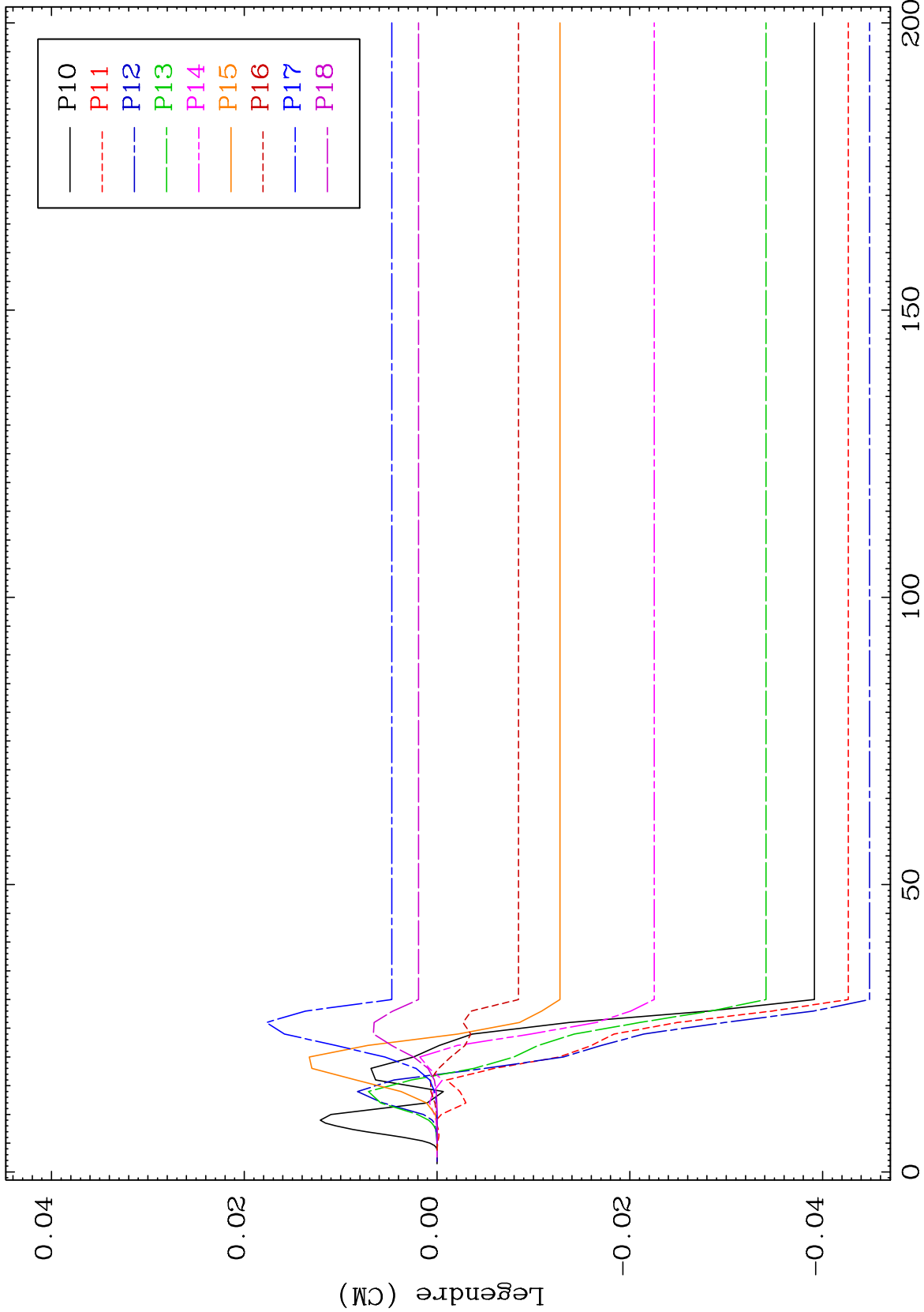
Incident Energy (MeV)

48

MAT 6683

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

67-Ho-151



49

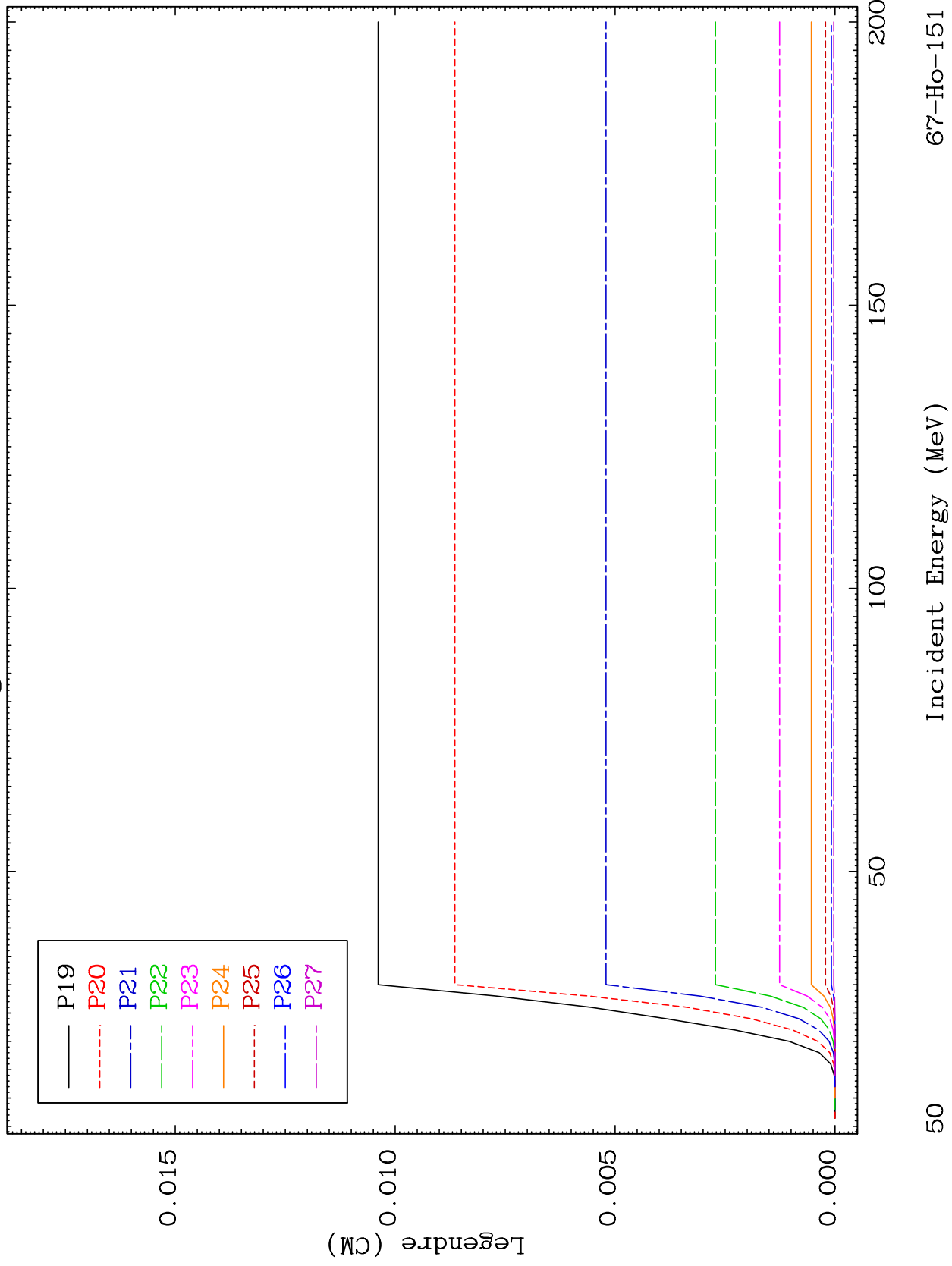
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

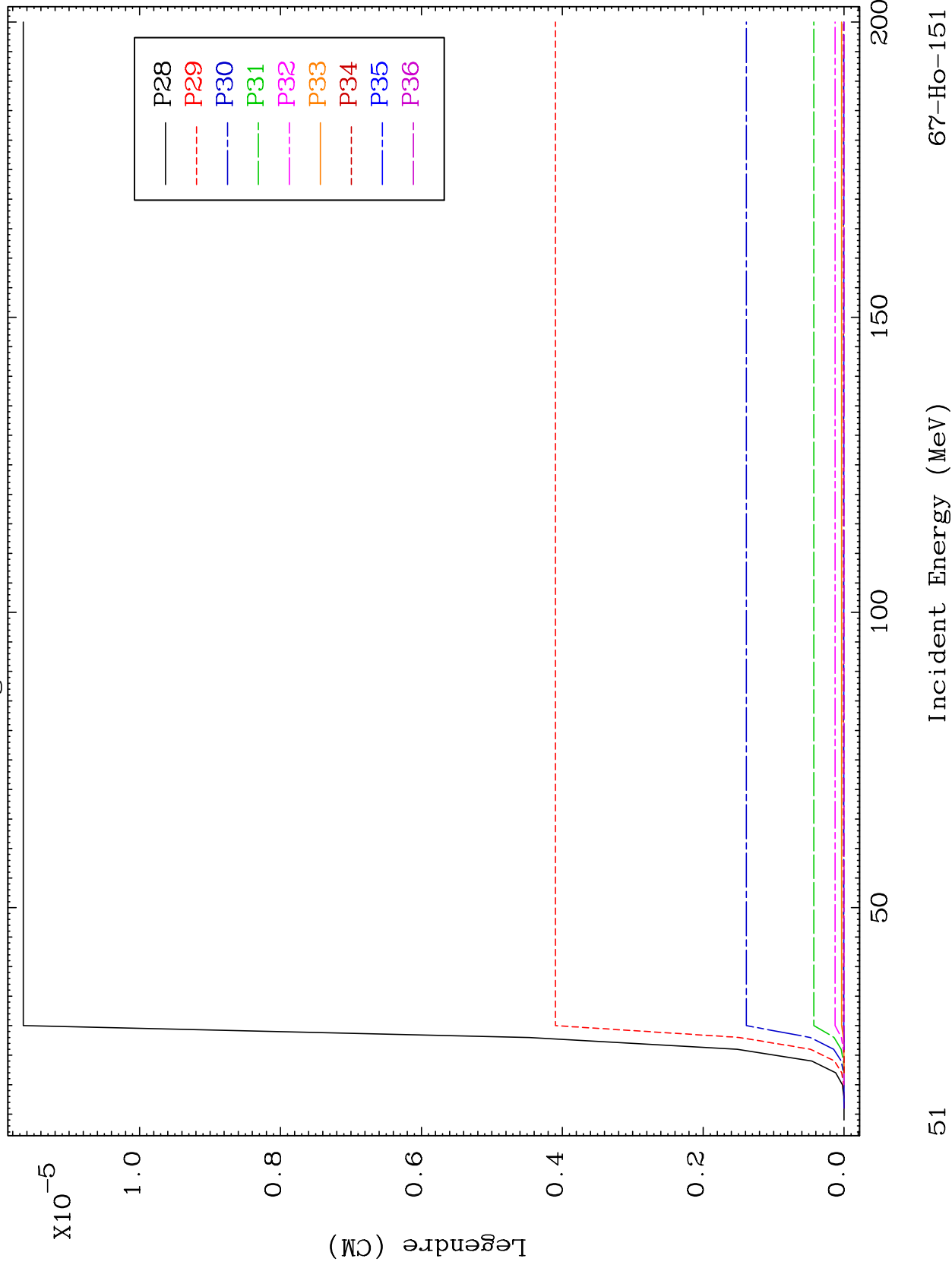
Incident Energy (MeV)

50

MAT 6683

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

67-Ho-151



51

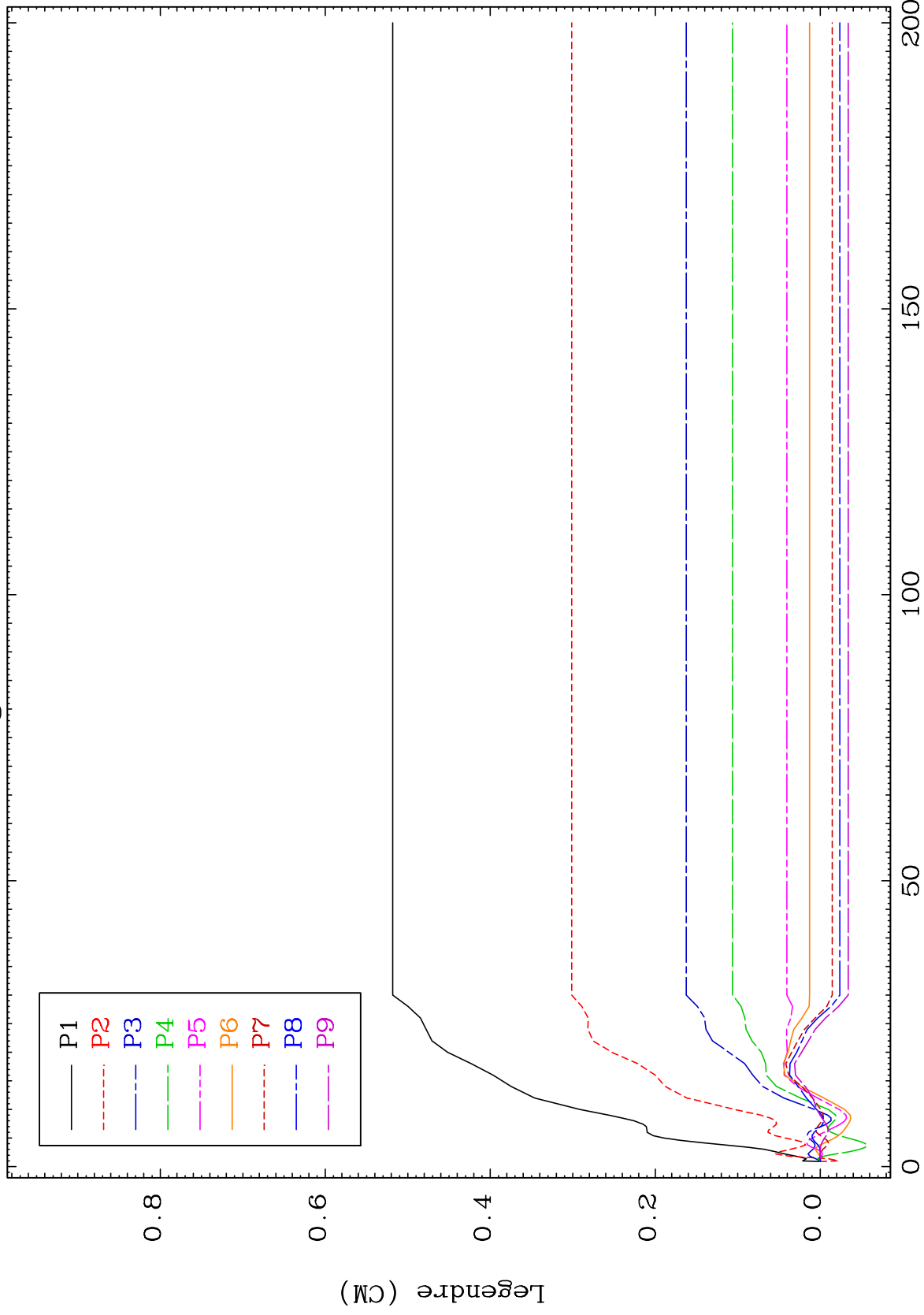
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



52

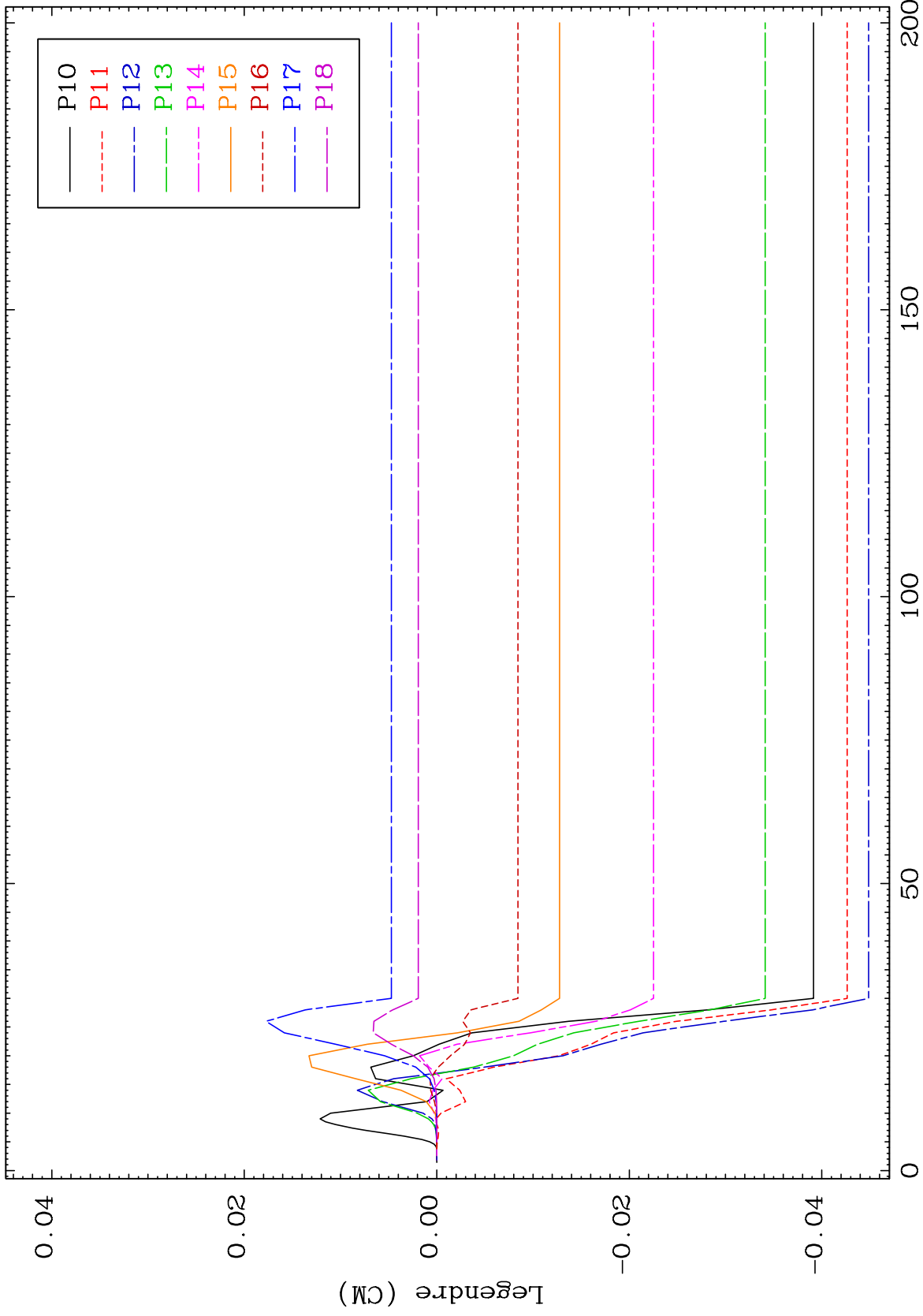
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



53

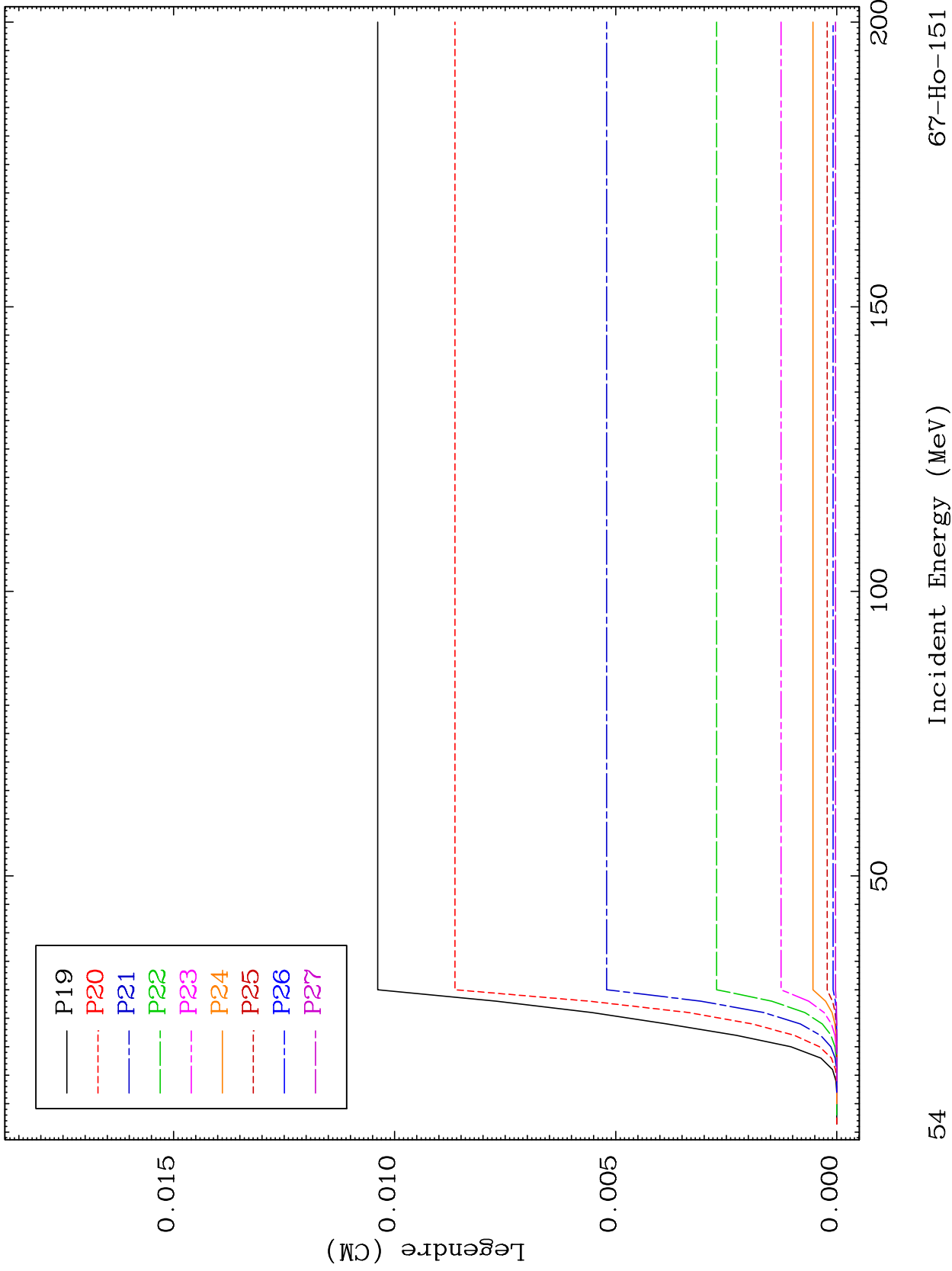
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



54

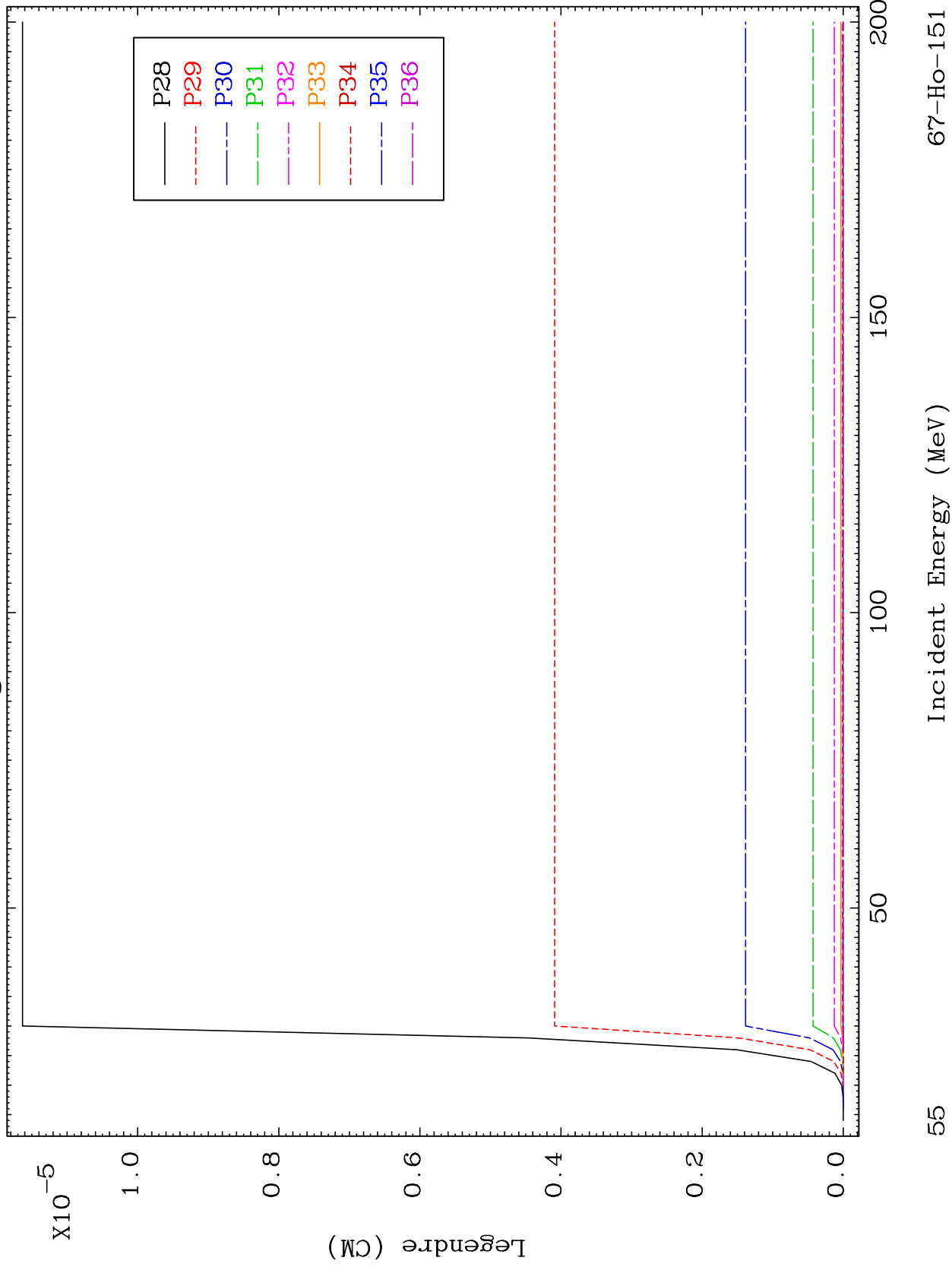
Incident Energy (MeV)

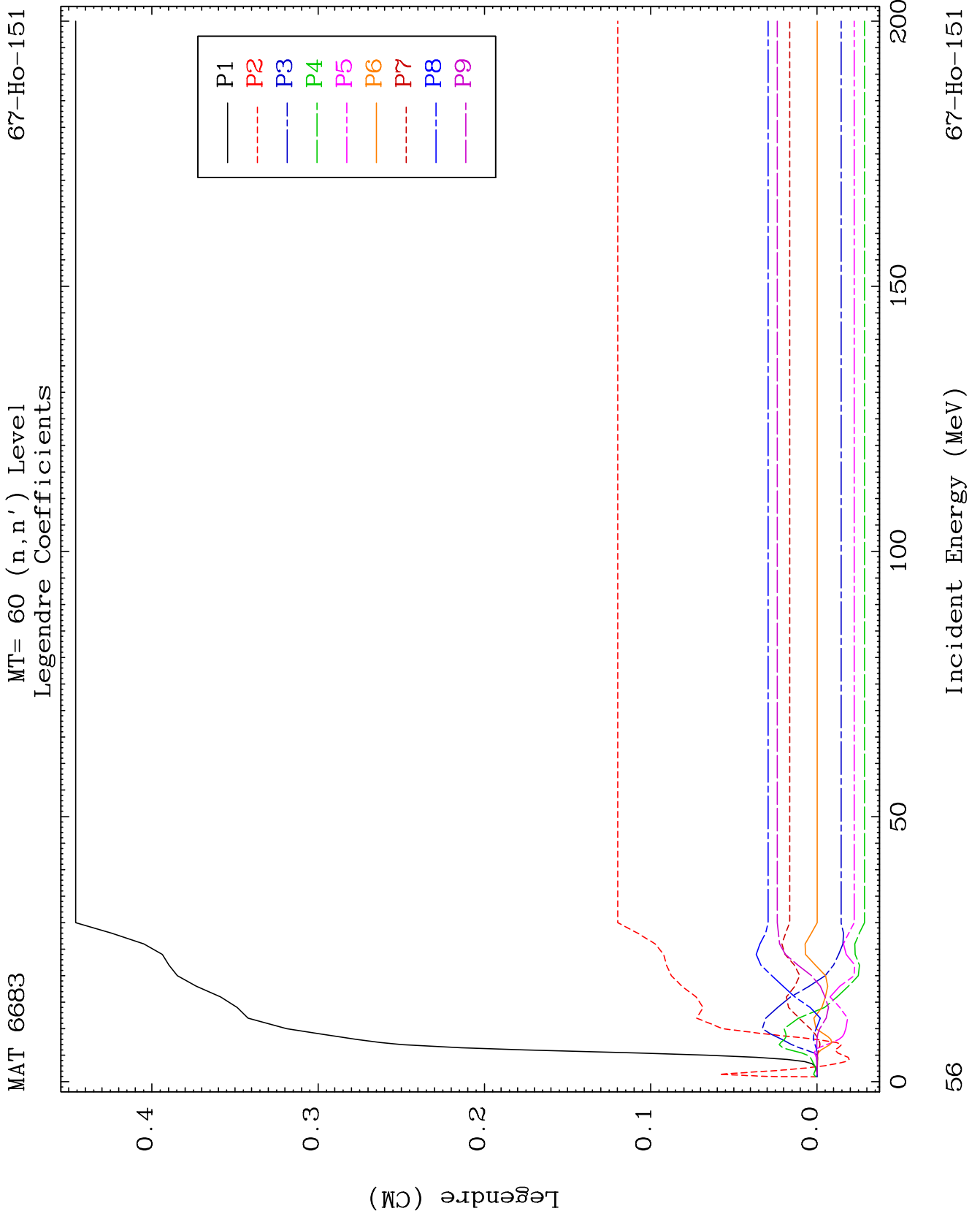
67-Ho-151

MAT 6683

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

67-Ho-151

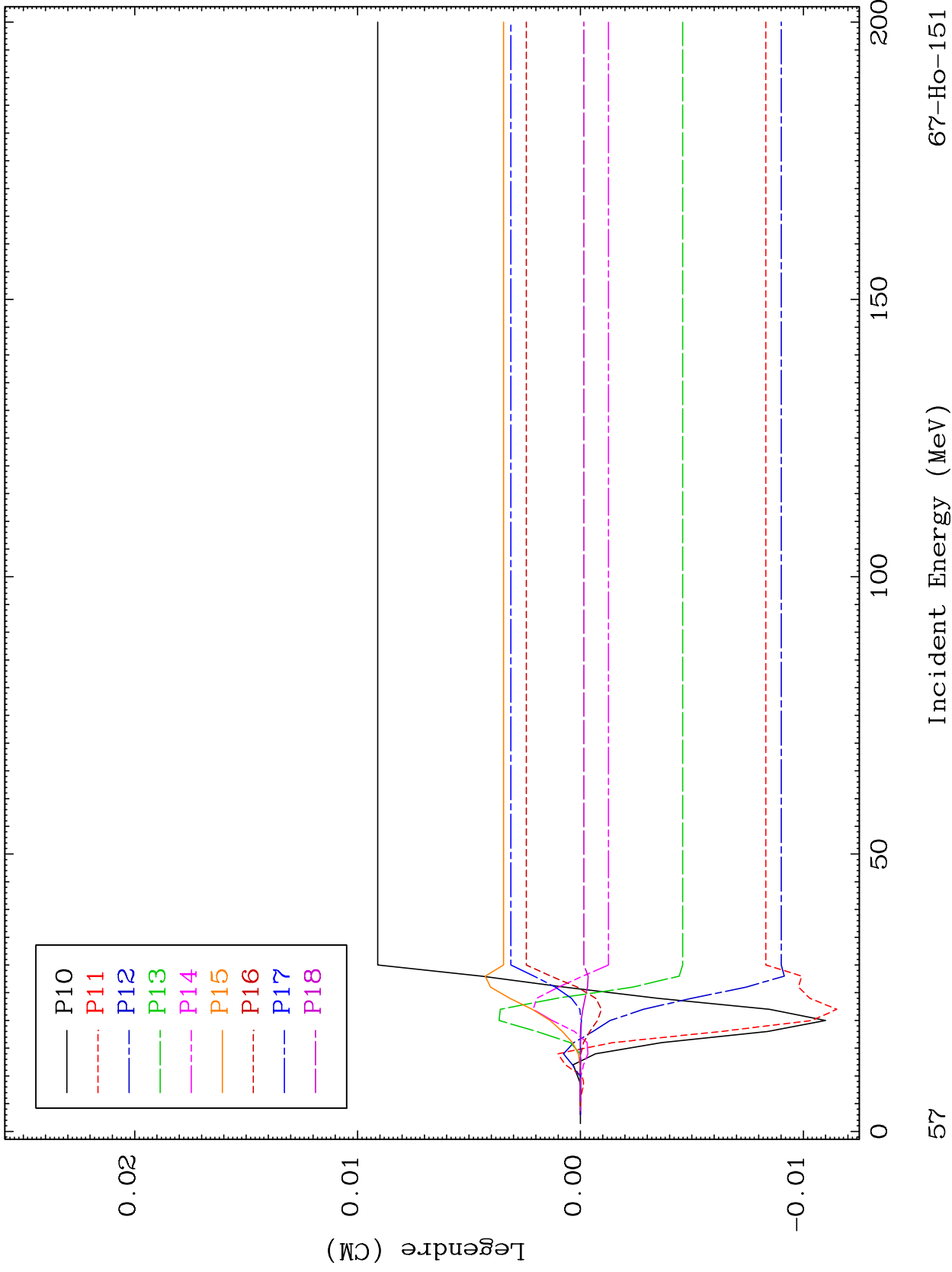




MAT 6683

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

67-Ho-151



57

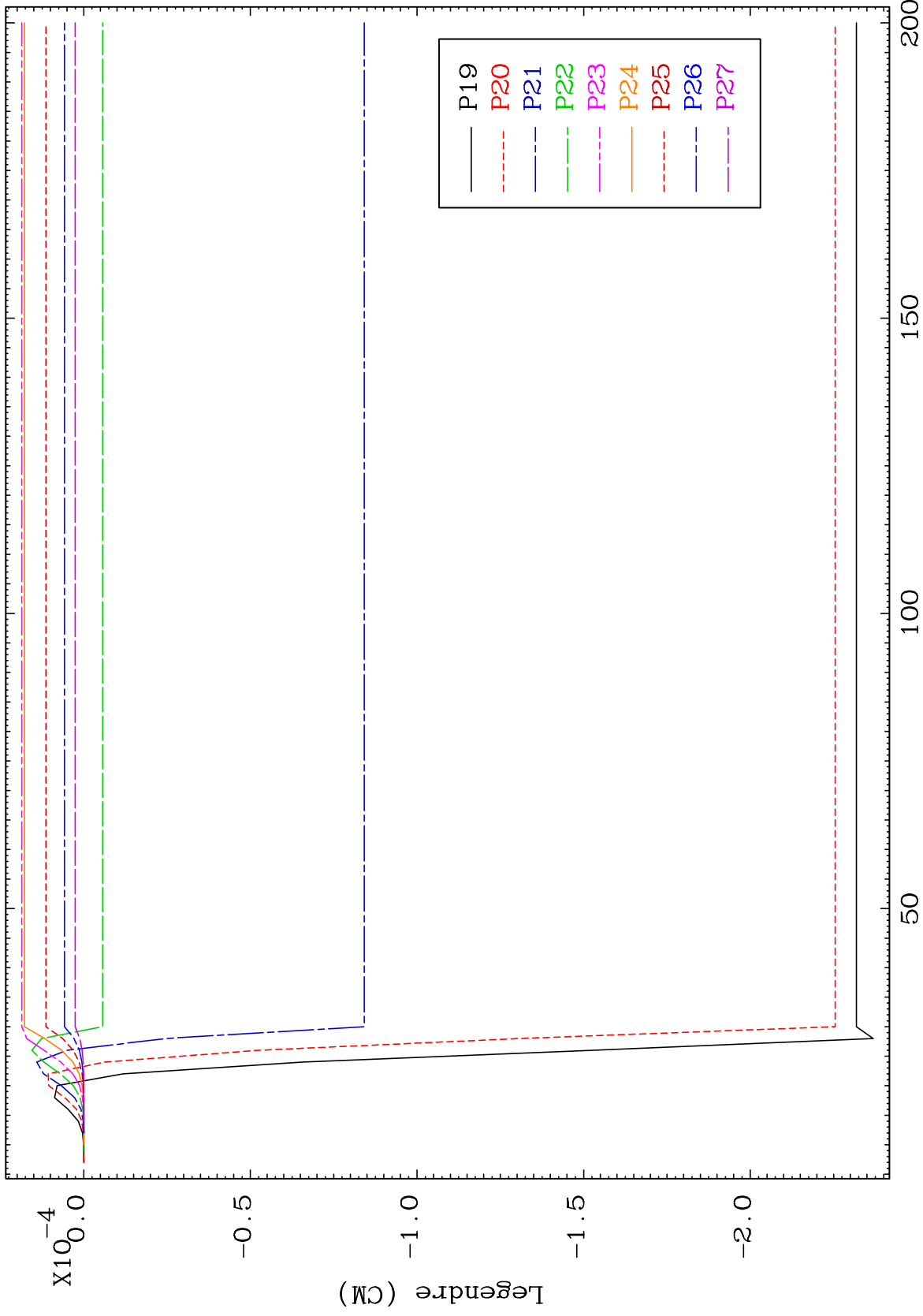
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



58

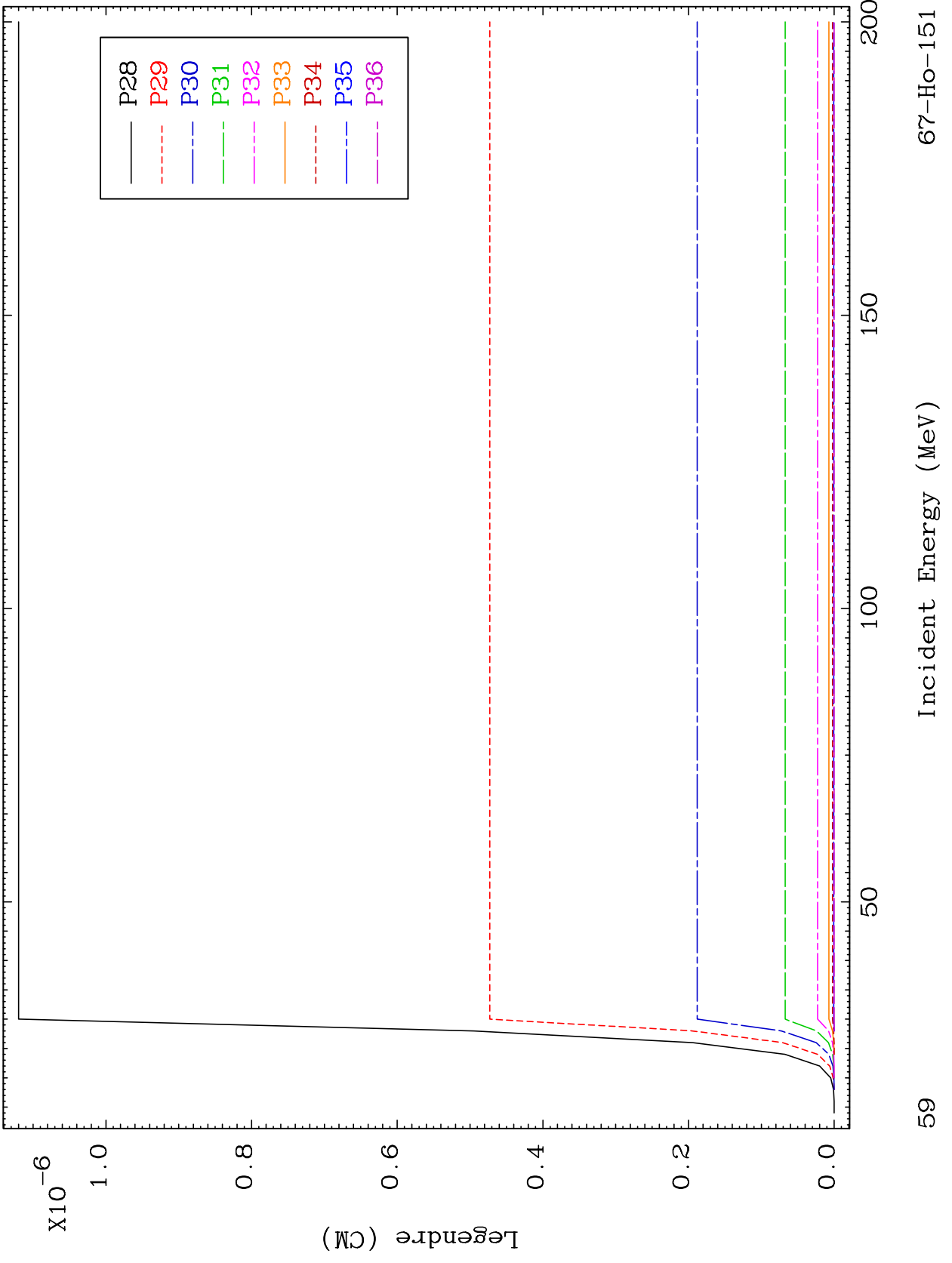
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



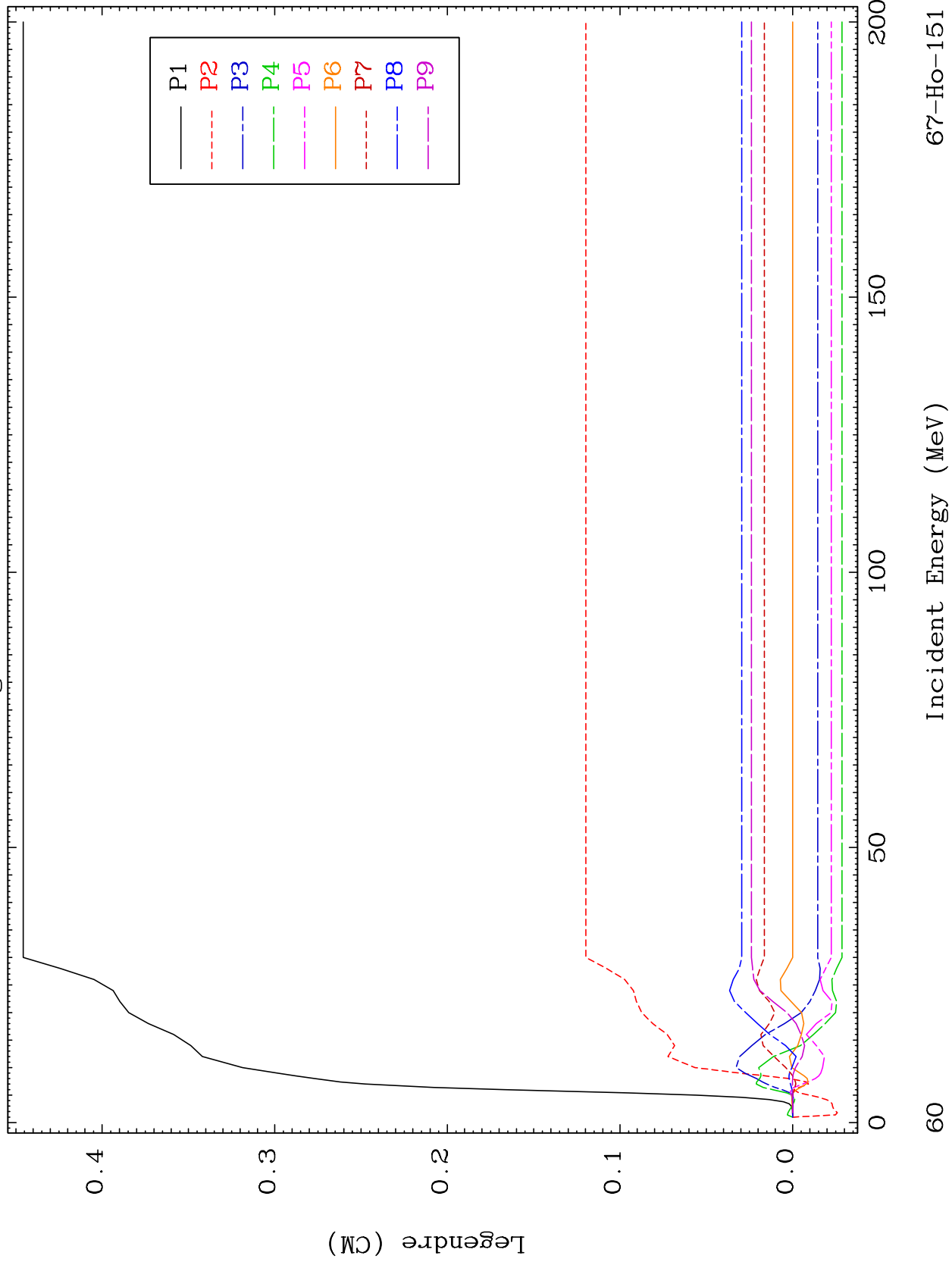
59

67-Ho-151

MAT 6683

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

67-Ho-151



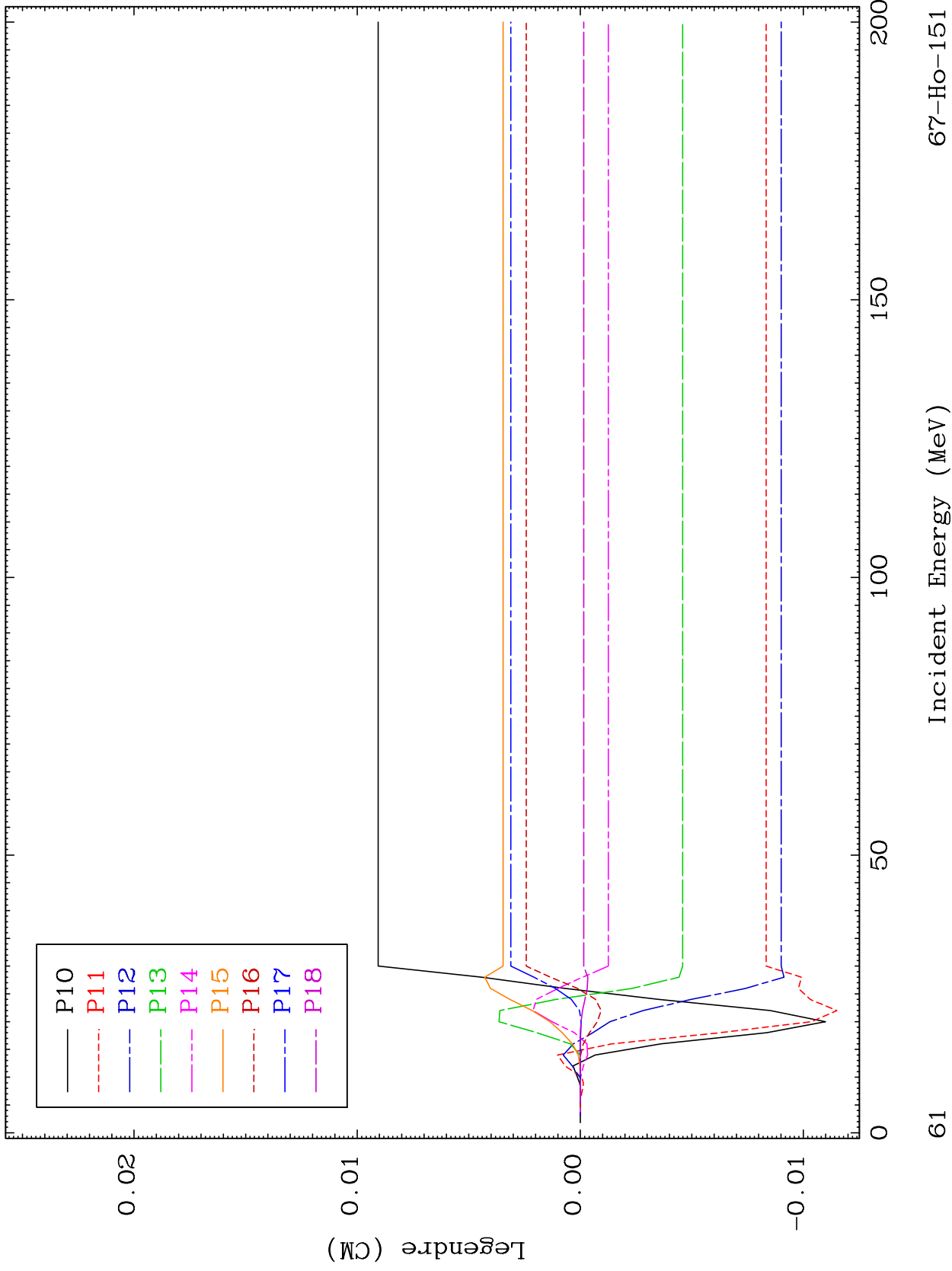
67-Ho-151

Incident Energy (MeV)

MAT 6683

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

67-Ho-151



61

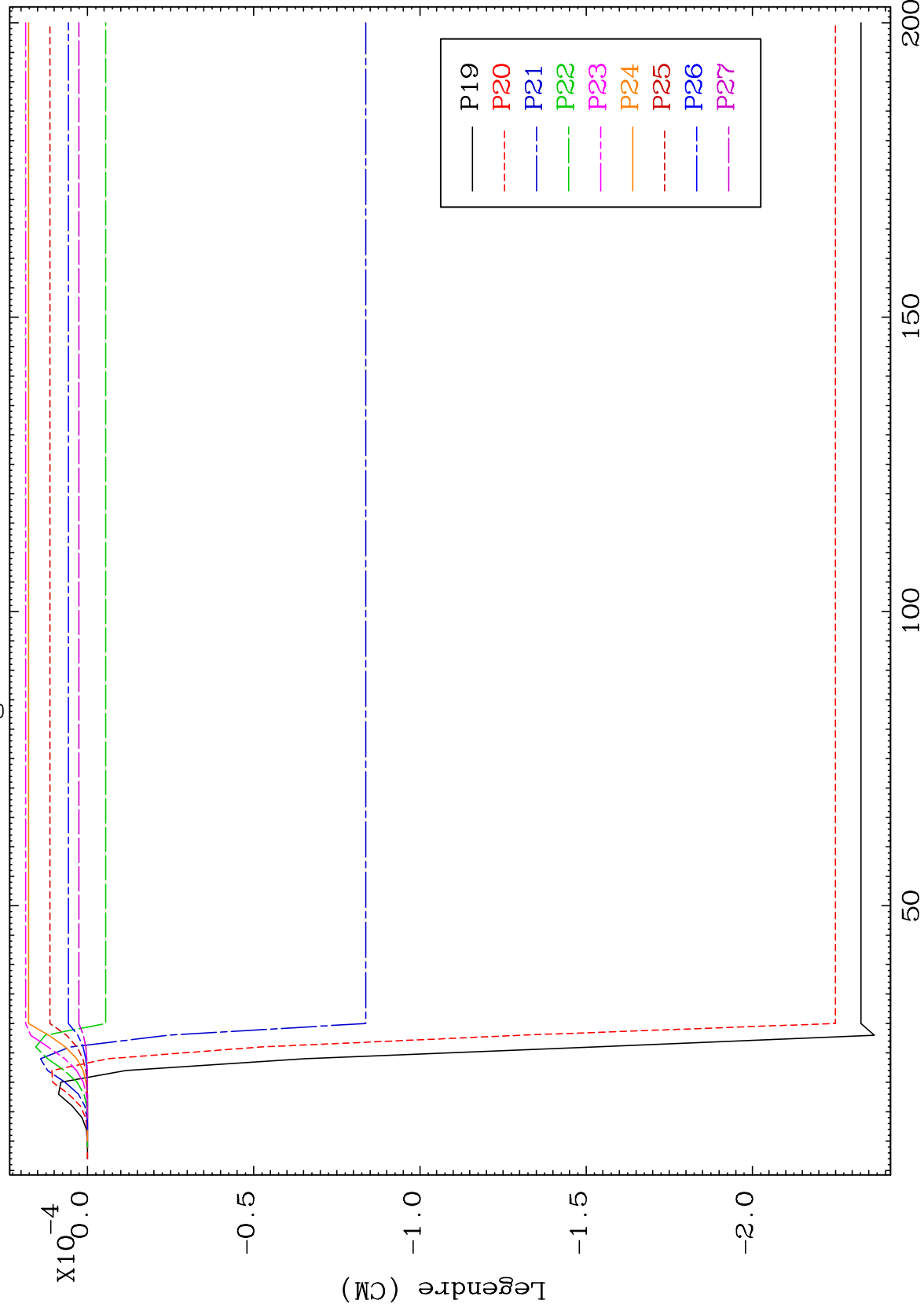
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



62

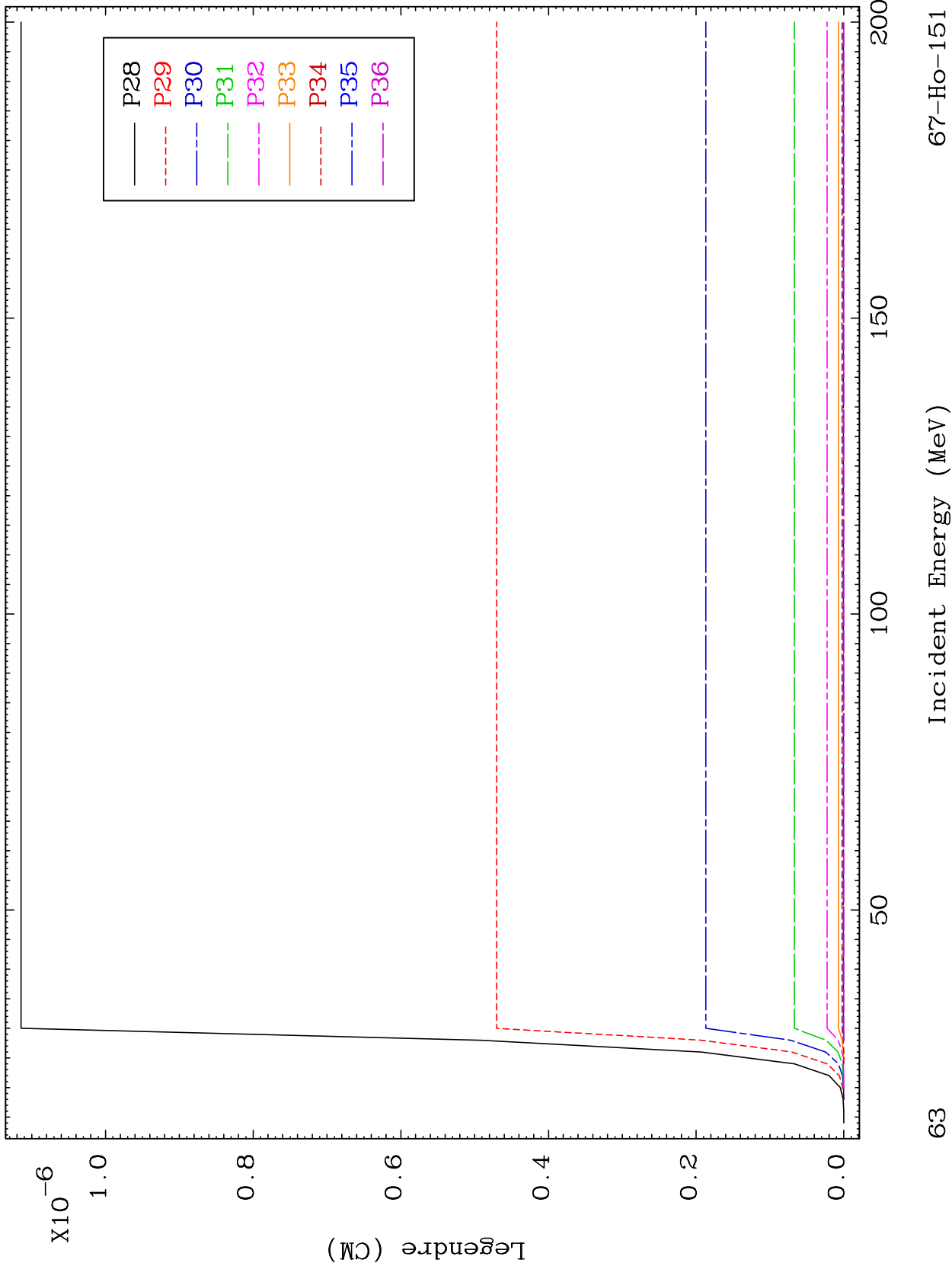
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



63

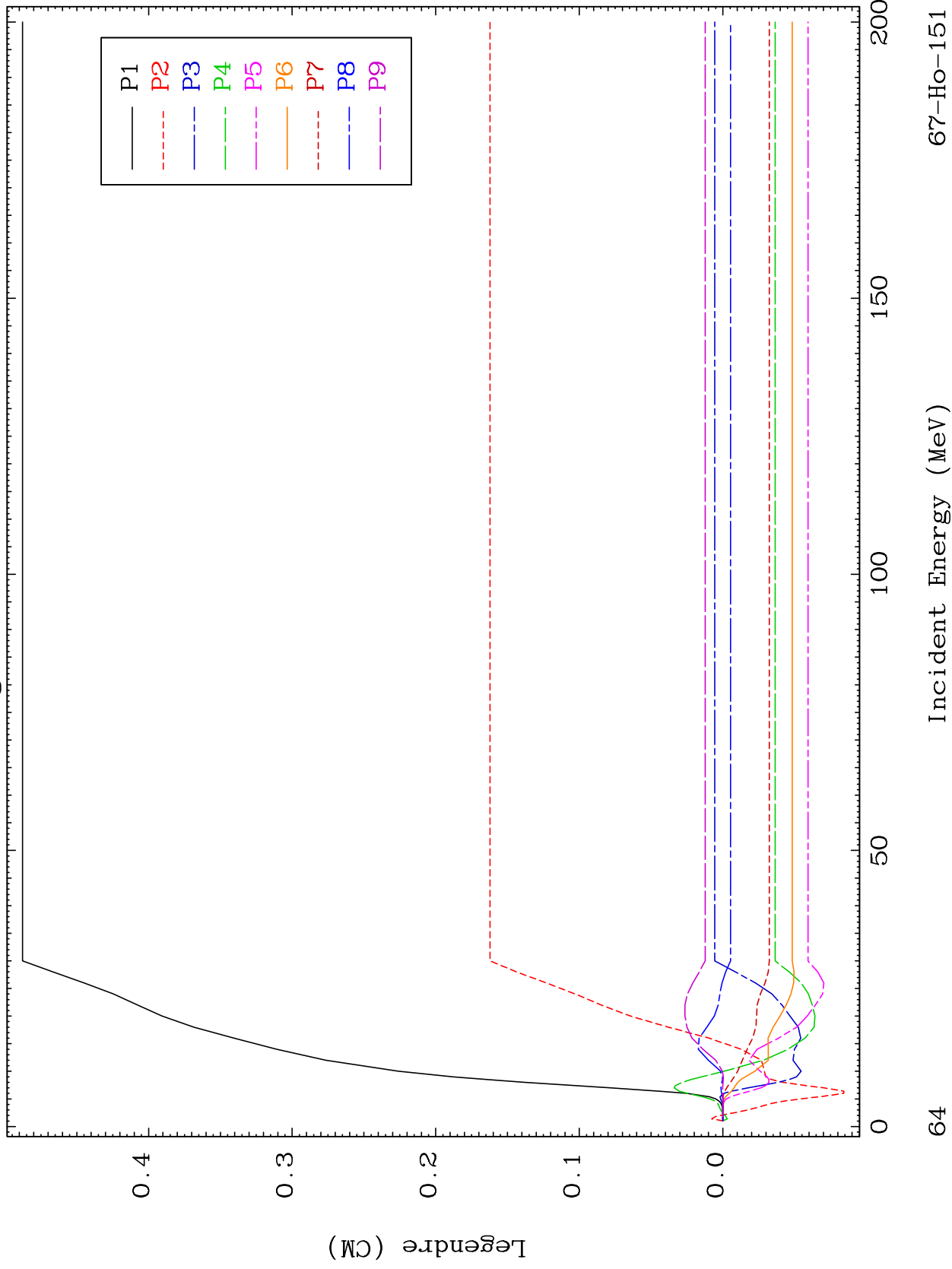
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

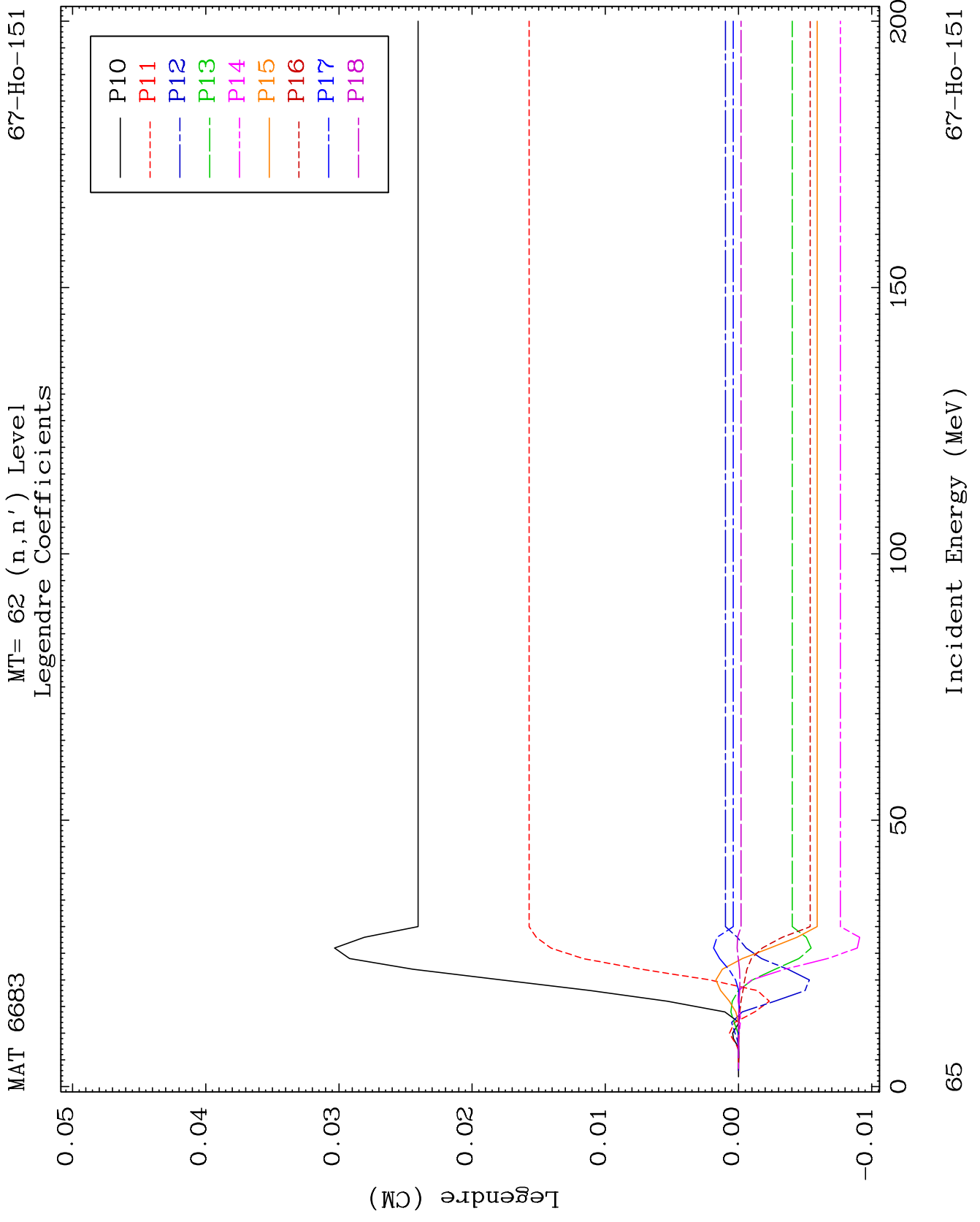
67-Ho-151



67-Ho-151

Incident Energy (MeV)

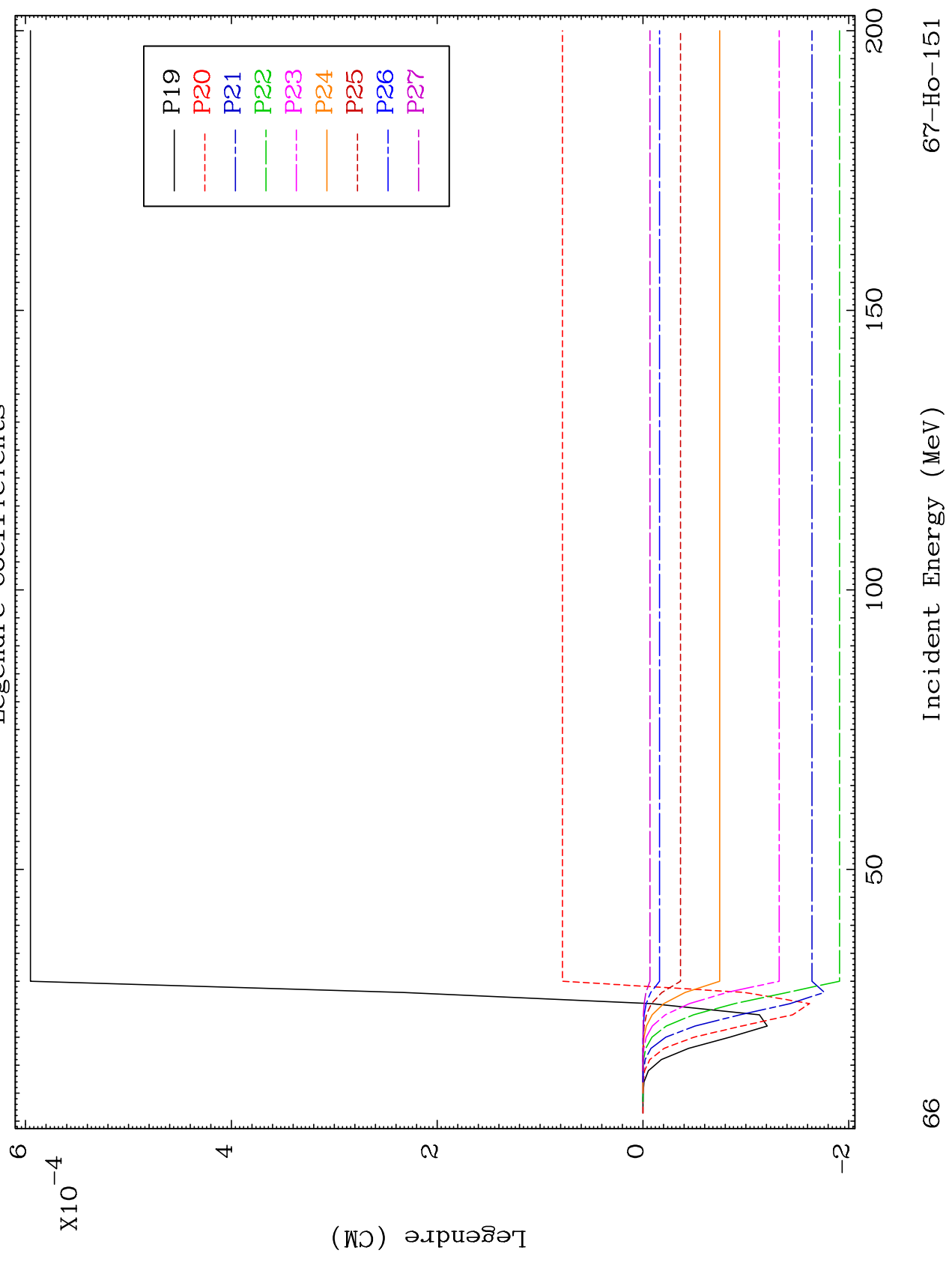
64



MAT 6683

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

67-Ho-151



66

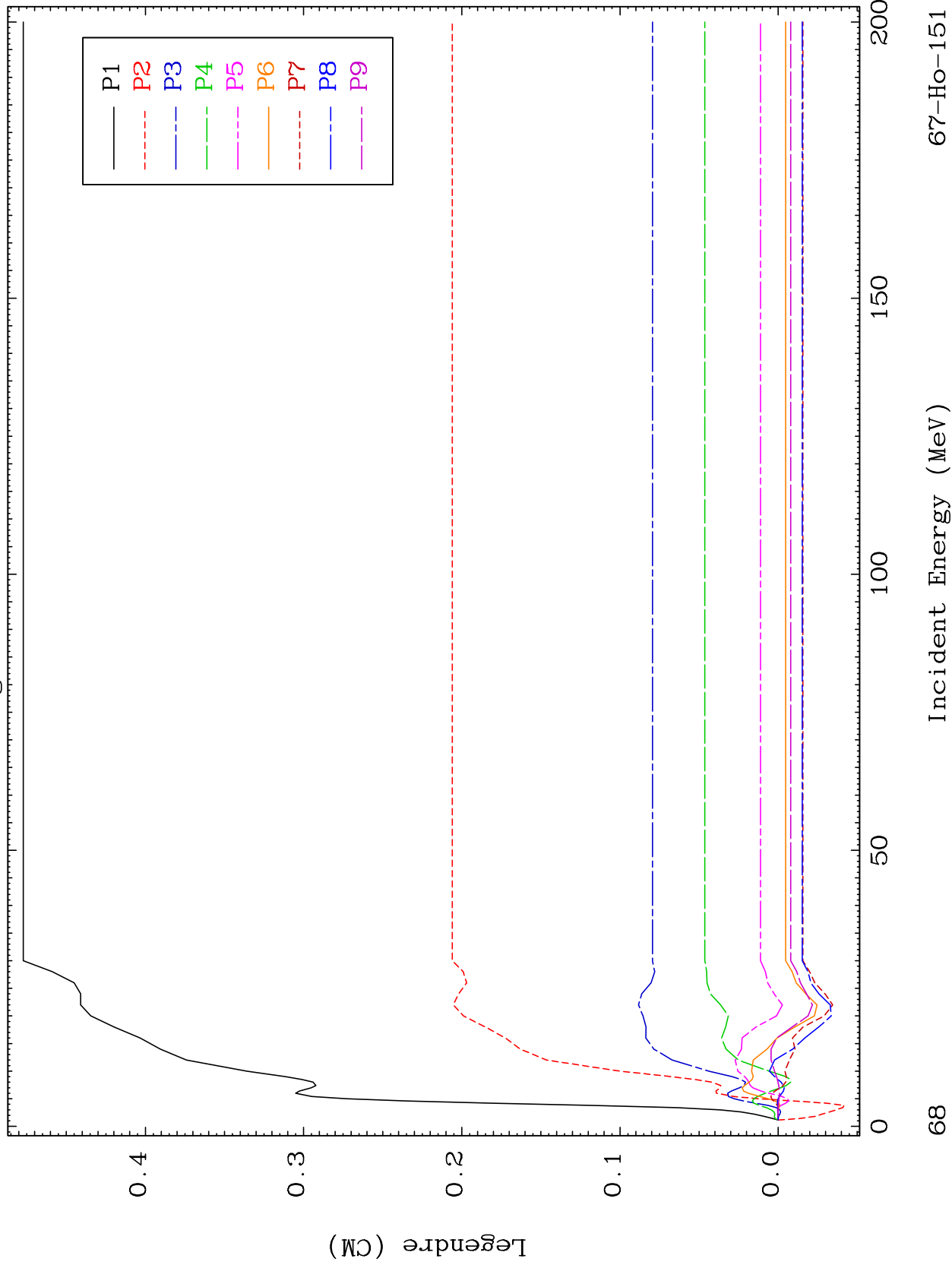
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

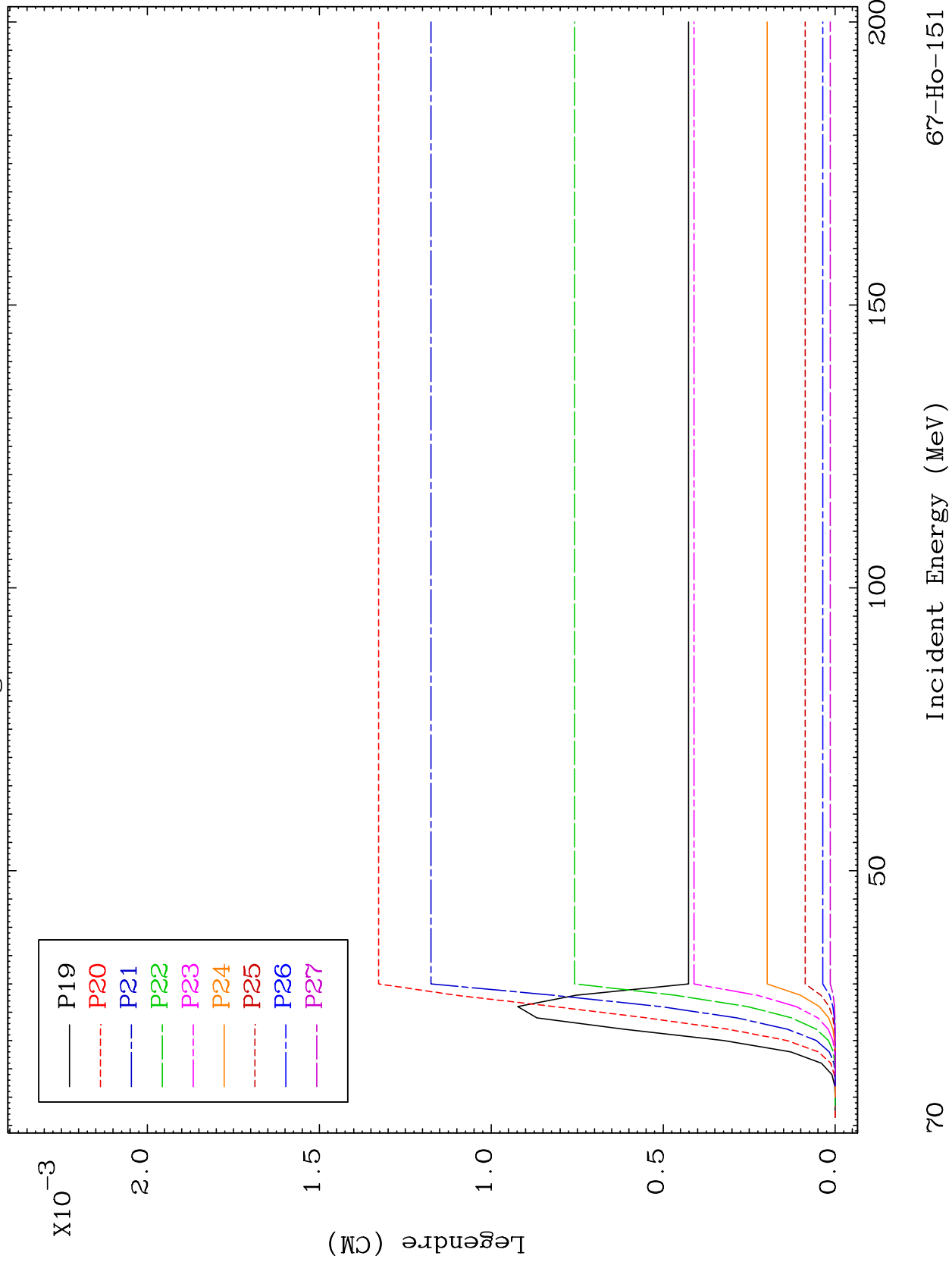
Incident Energy (MeV)

68

MAT 6683

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

67-Ho-151



70

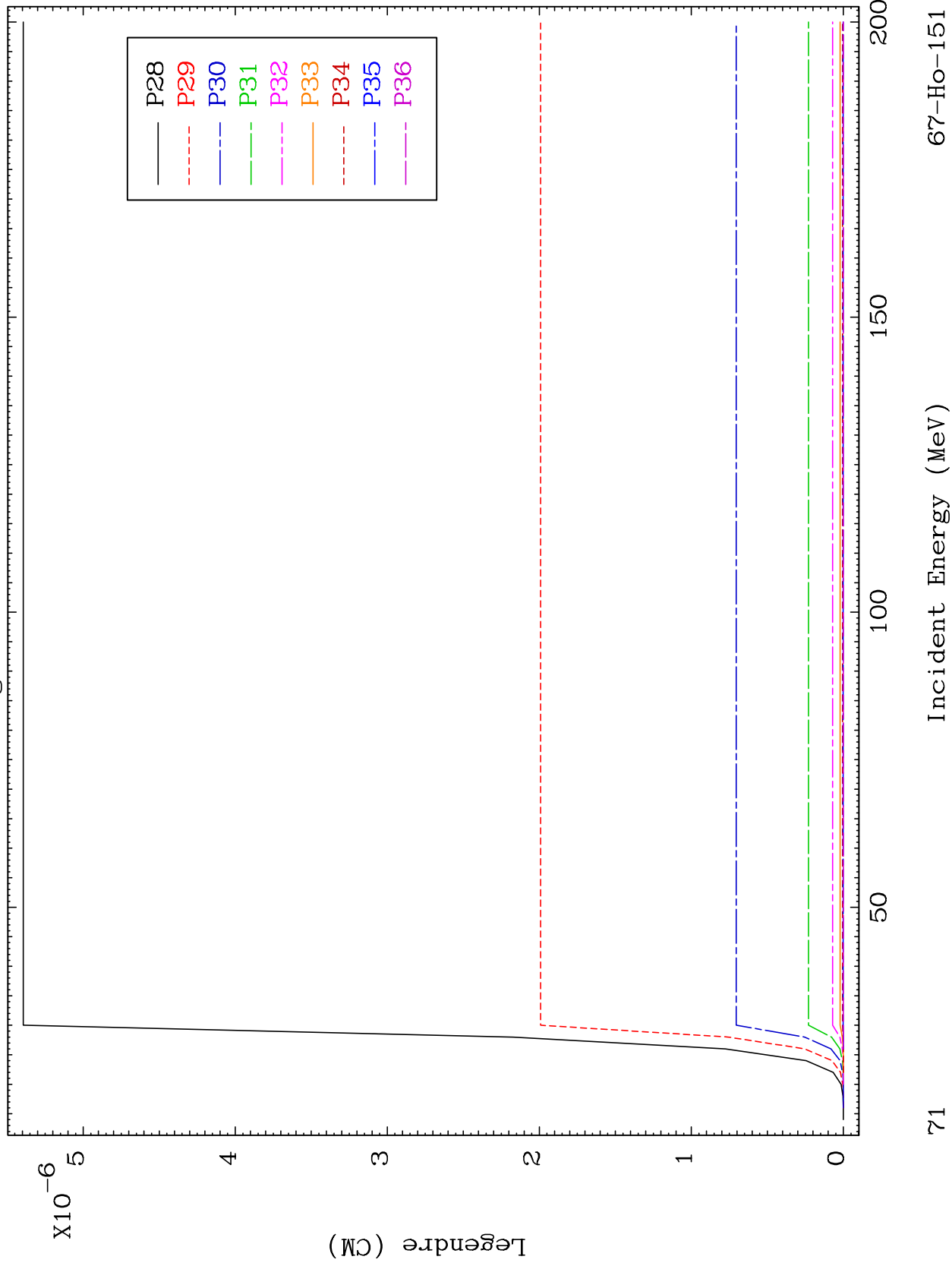
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



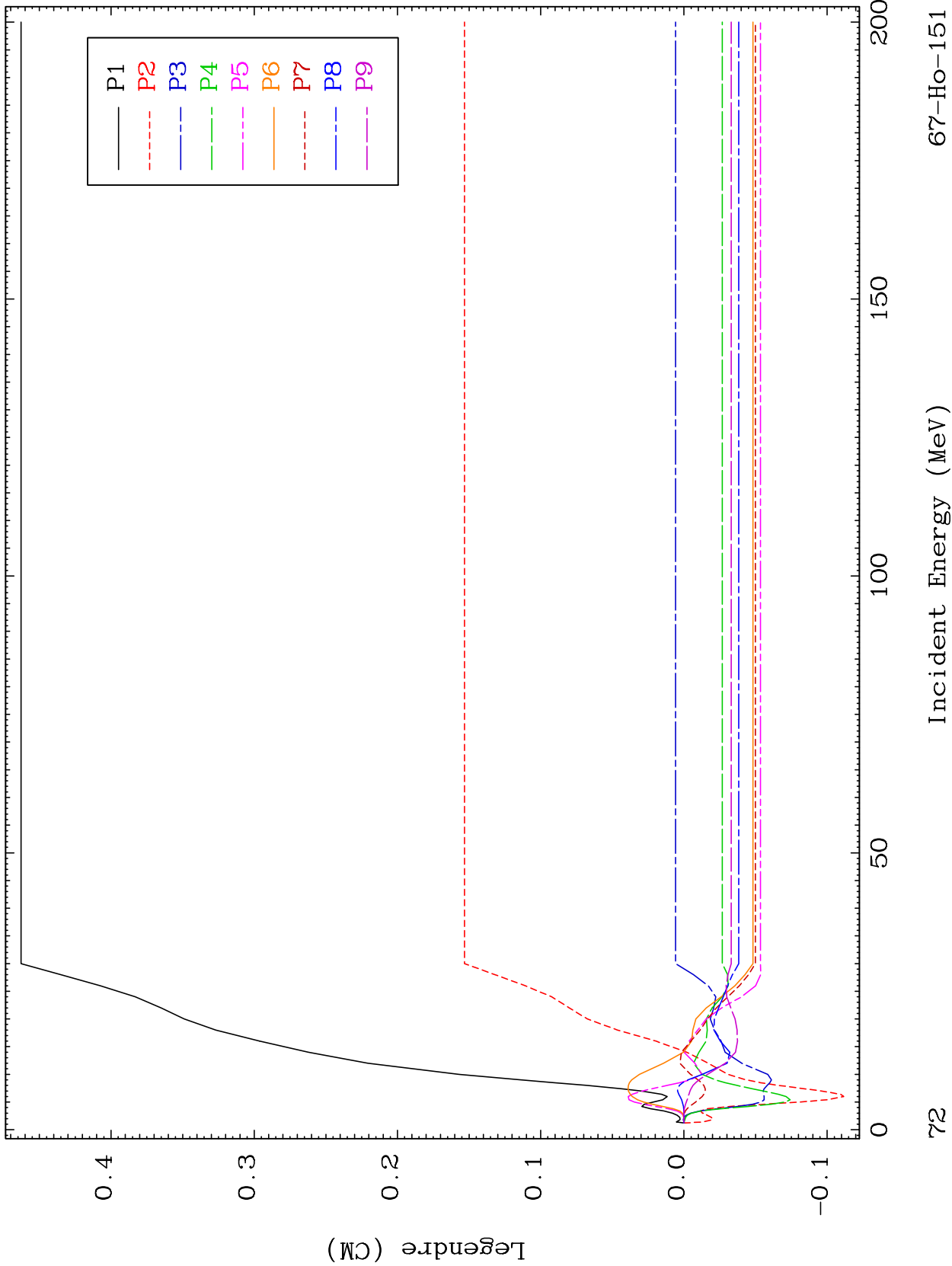
71

200

MAT 6683

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

67-Ho-151



67-Ho-151

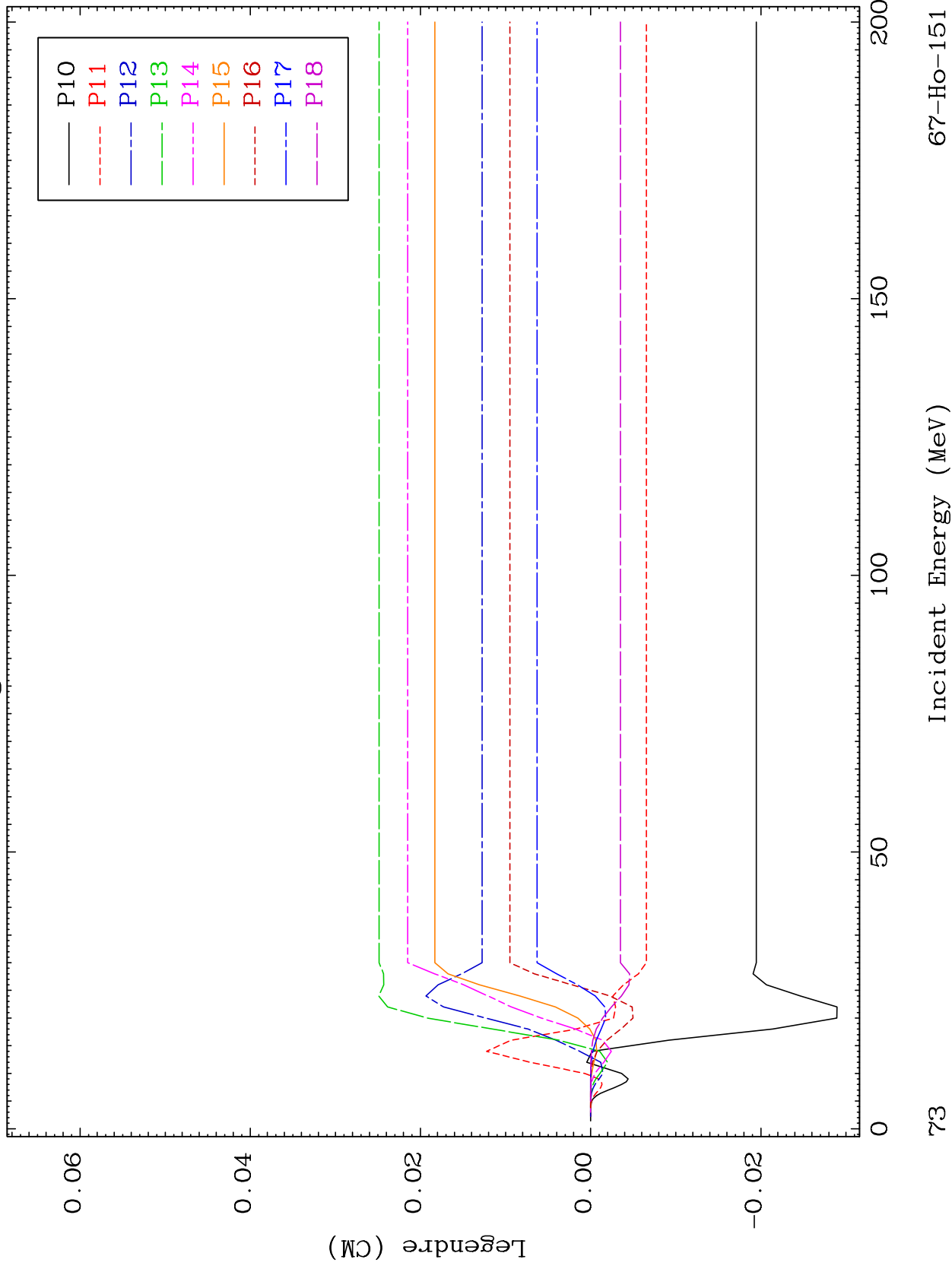
Incident Energy (MeV)

72

MAT 6683

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

67-Ho-151



73

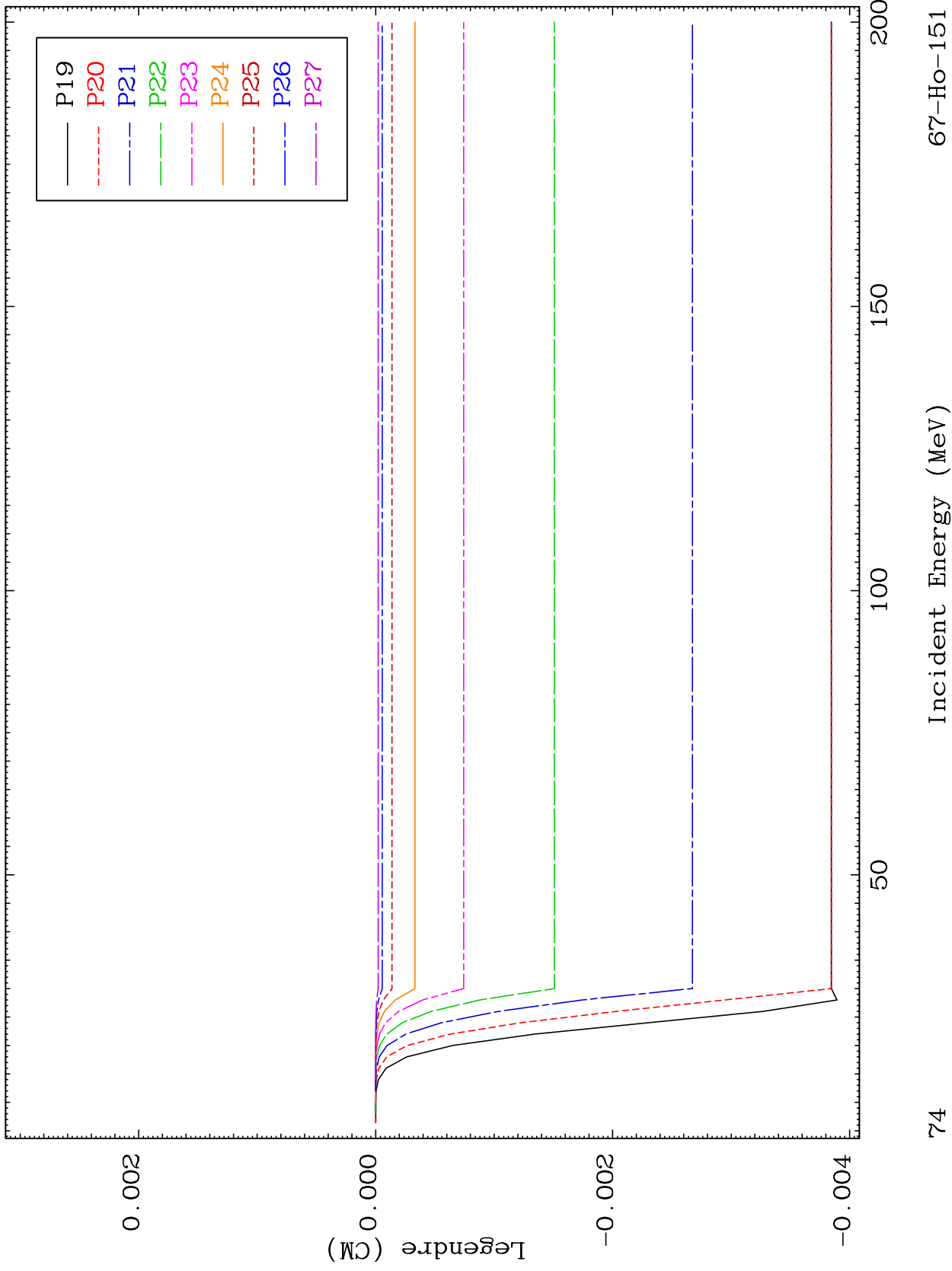
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



74

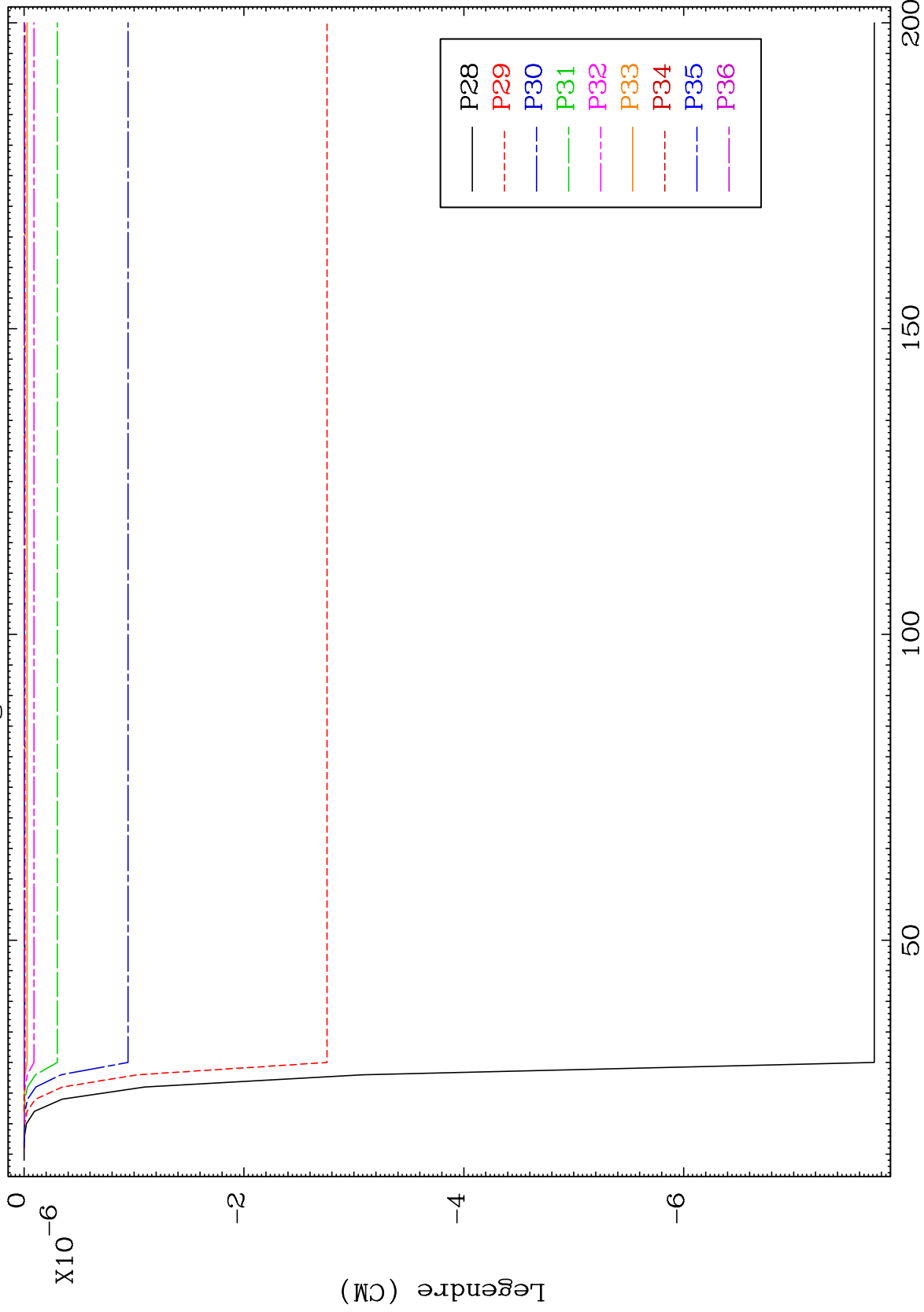
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



75

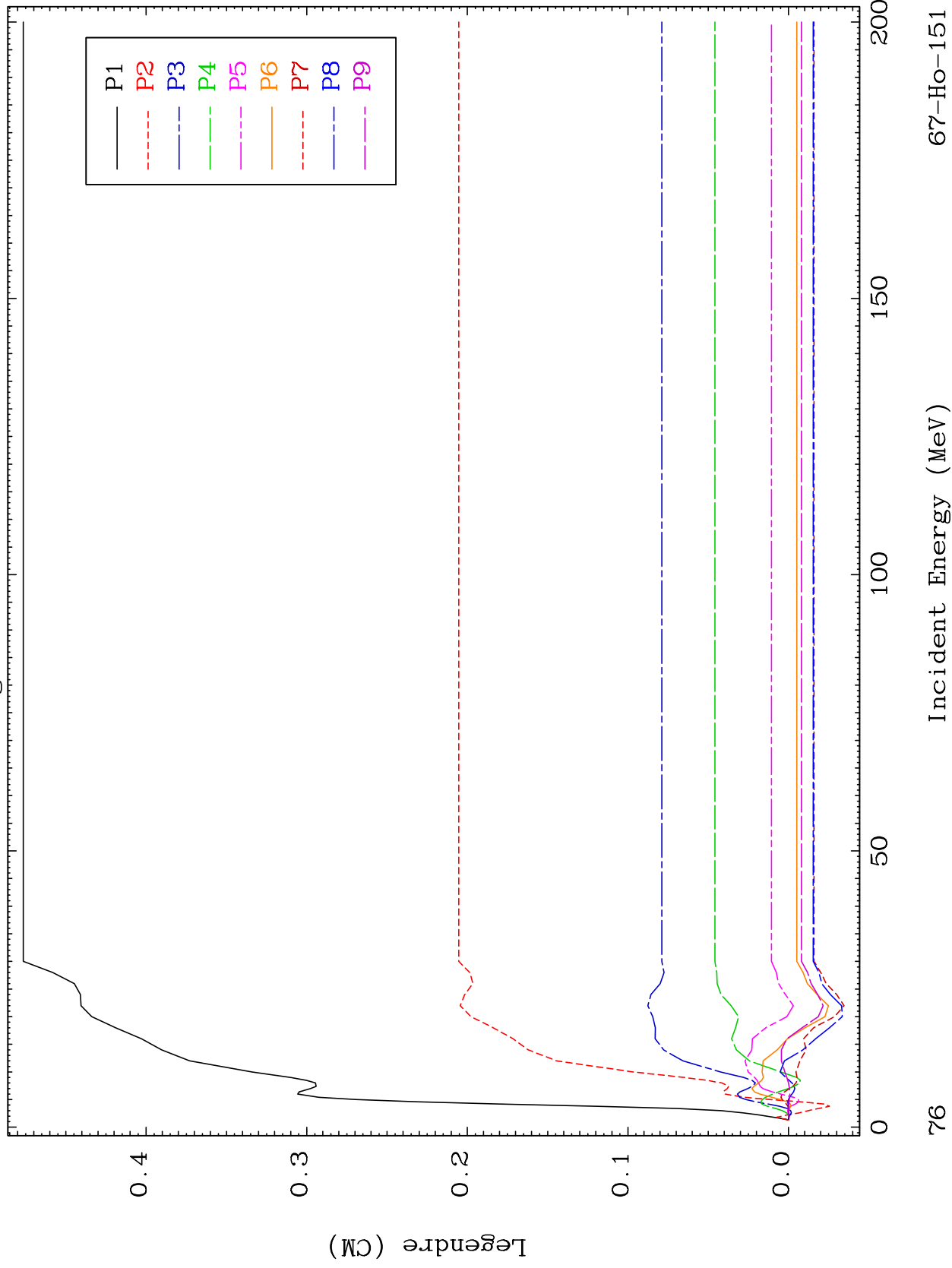
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

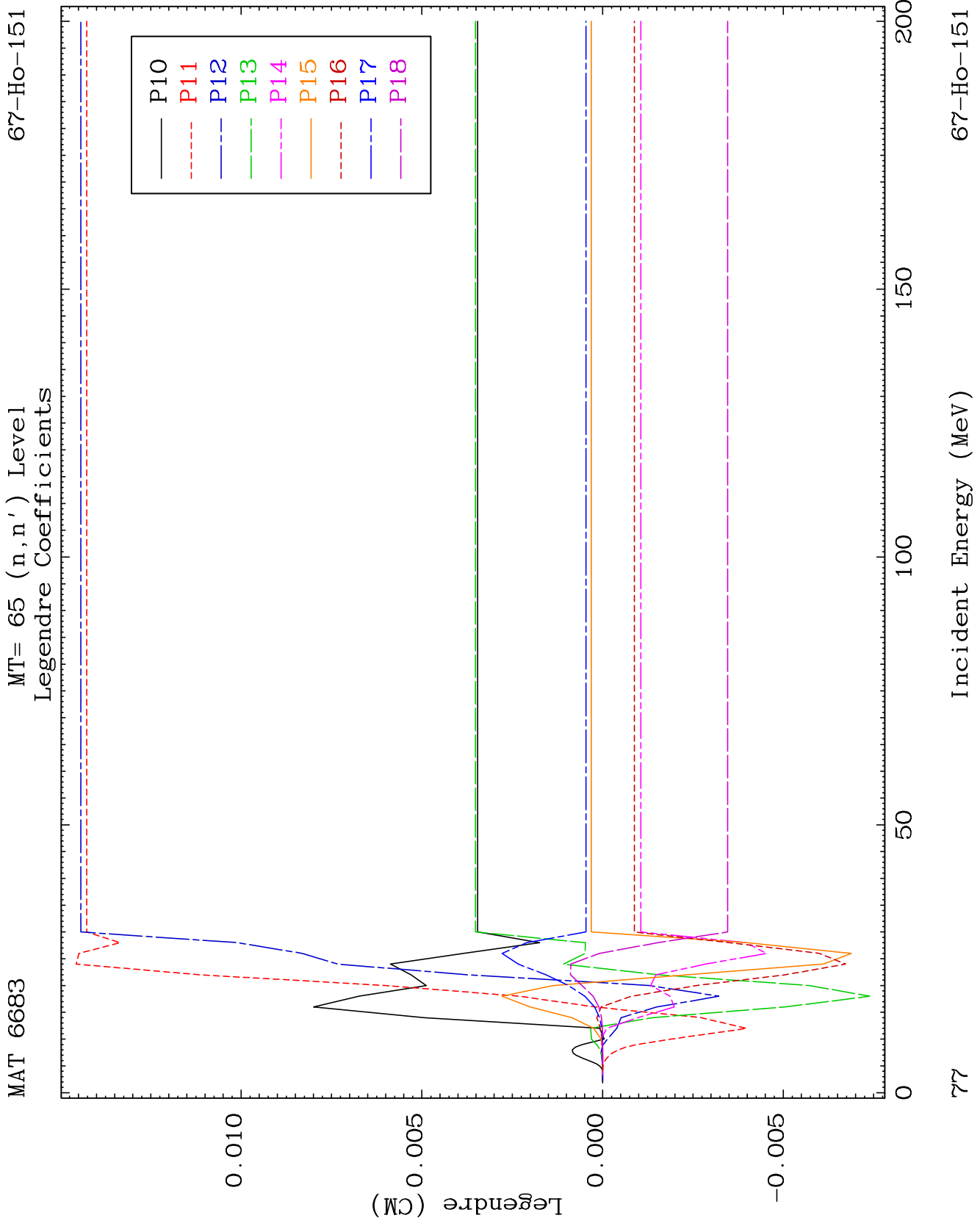
67-Ho-151



67-Ho-151

Incident Energy (MeV)

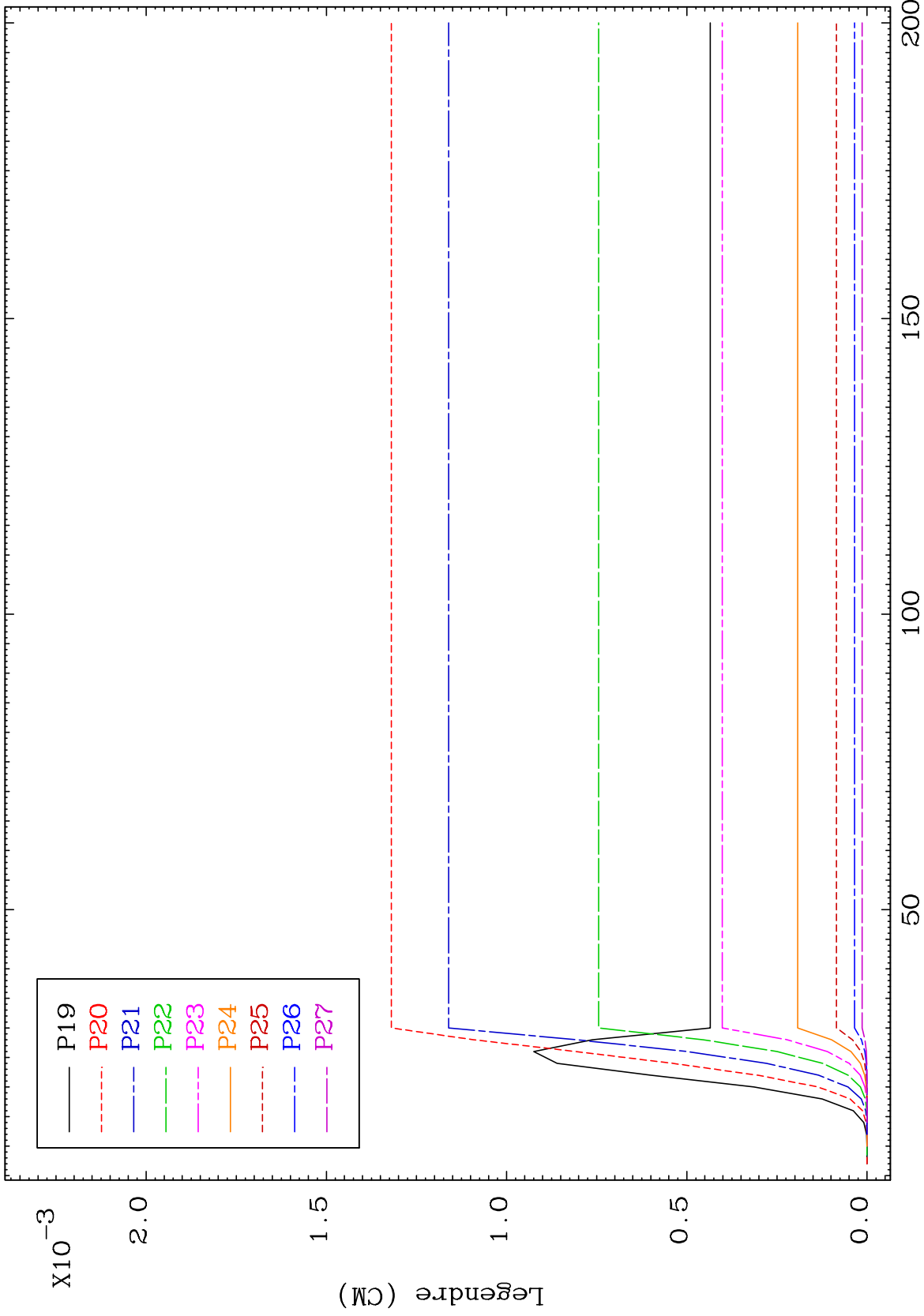
76



MAT 6683

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

67-Ho-151



78

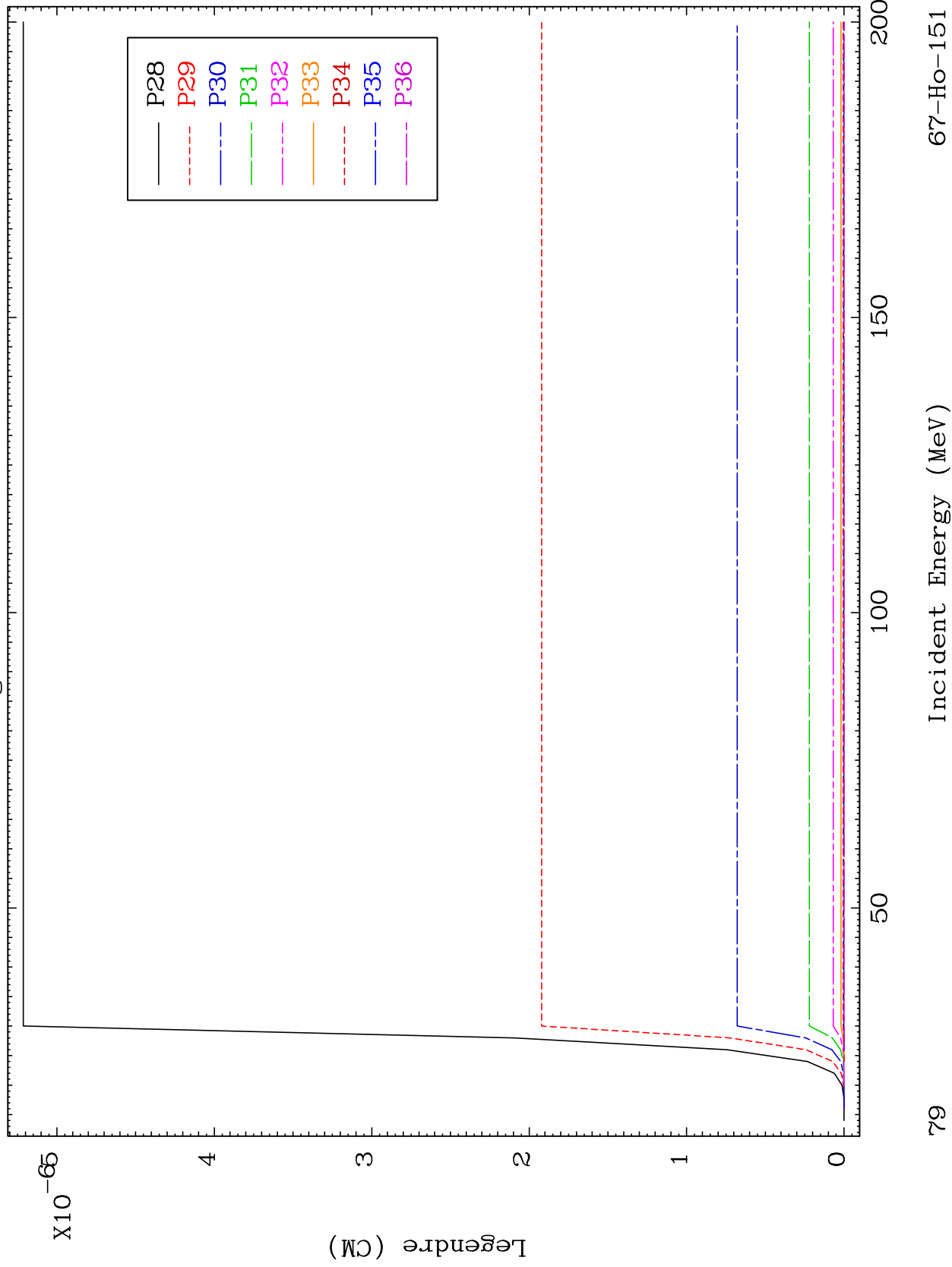
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



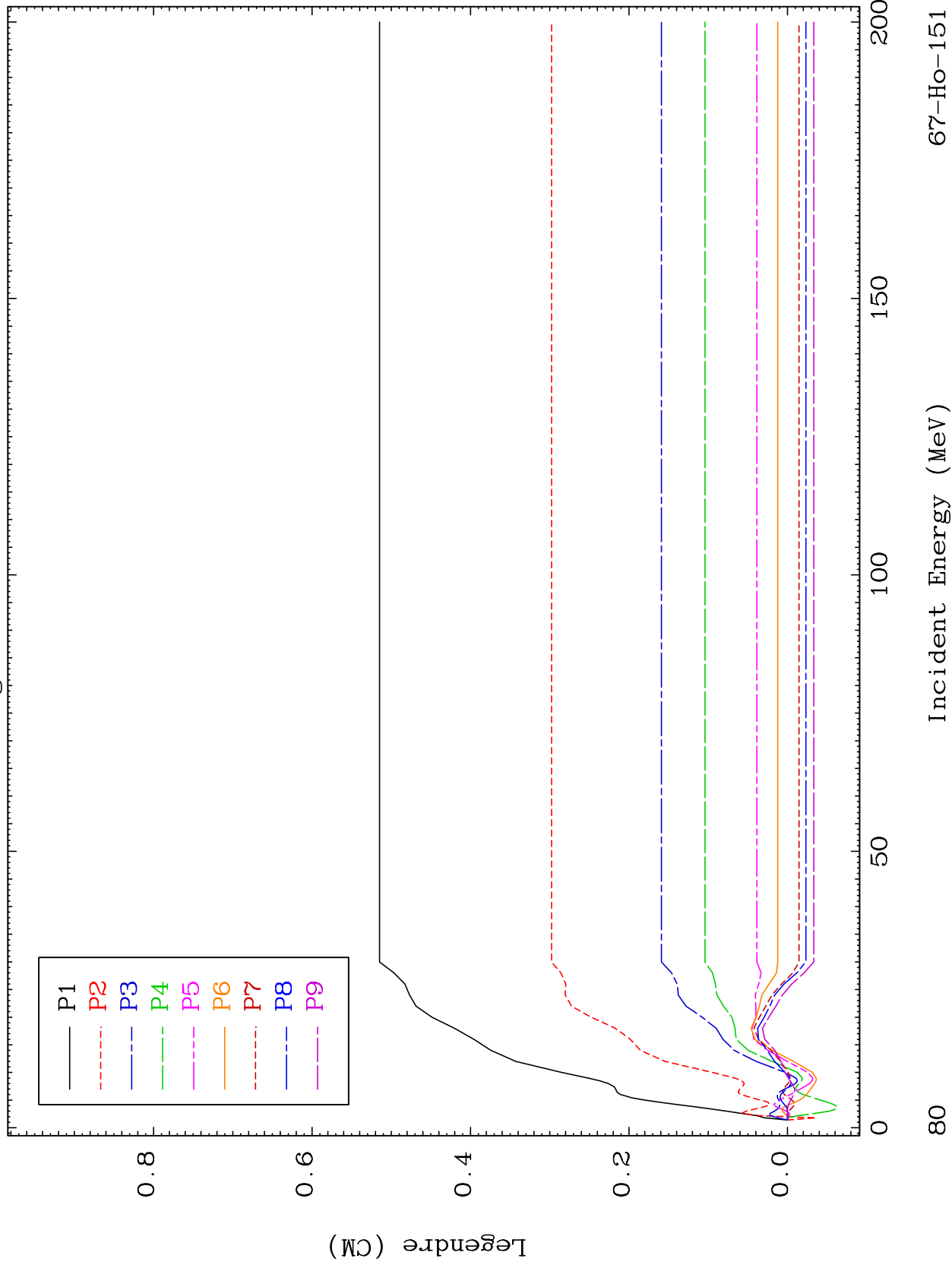
79

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

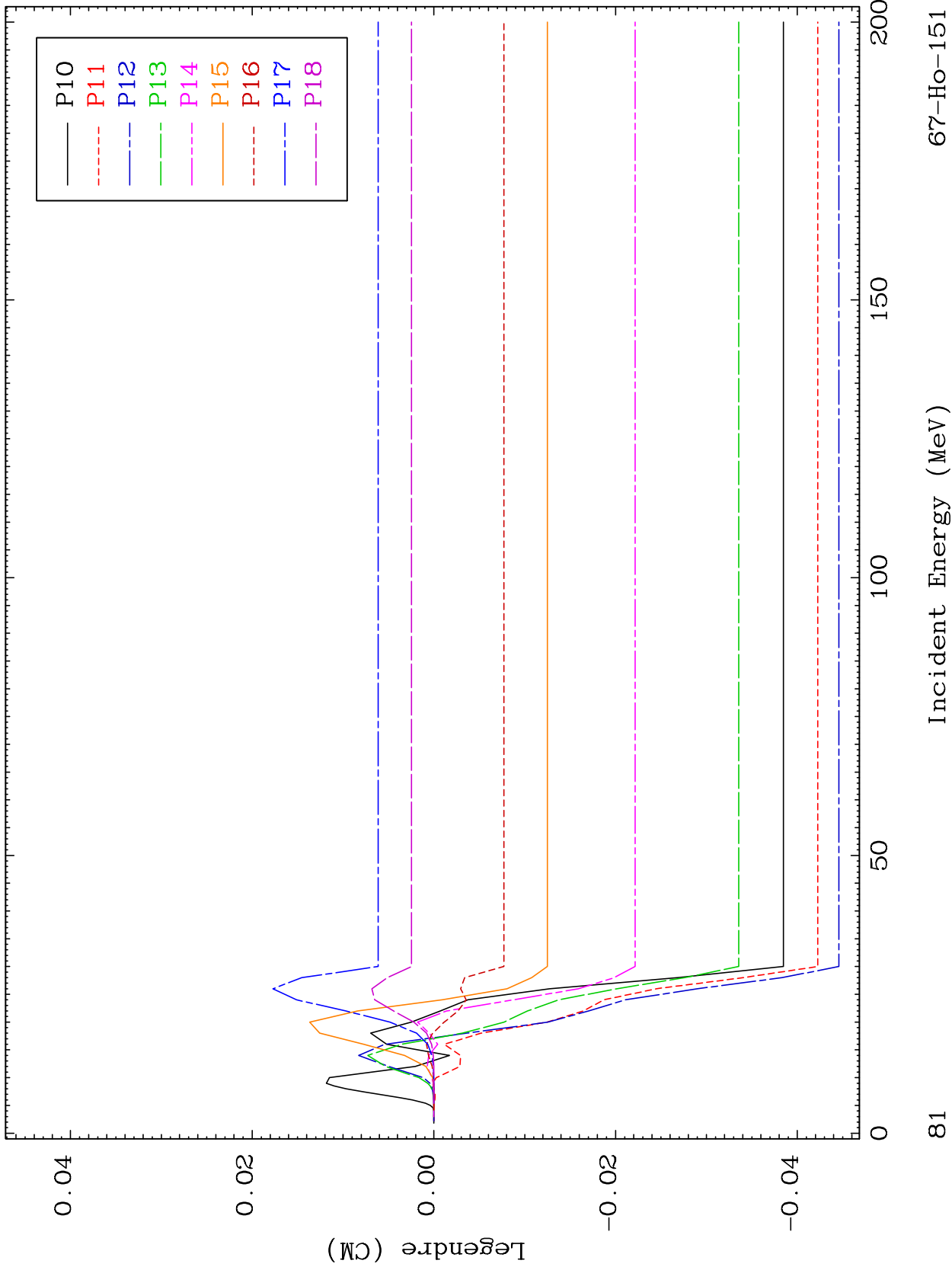
Incident Energy (MeV)

80

MAT 6683

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

67-Ho-151



81

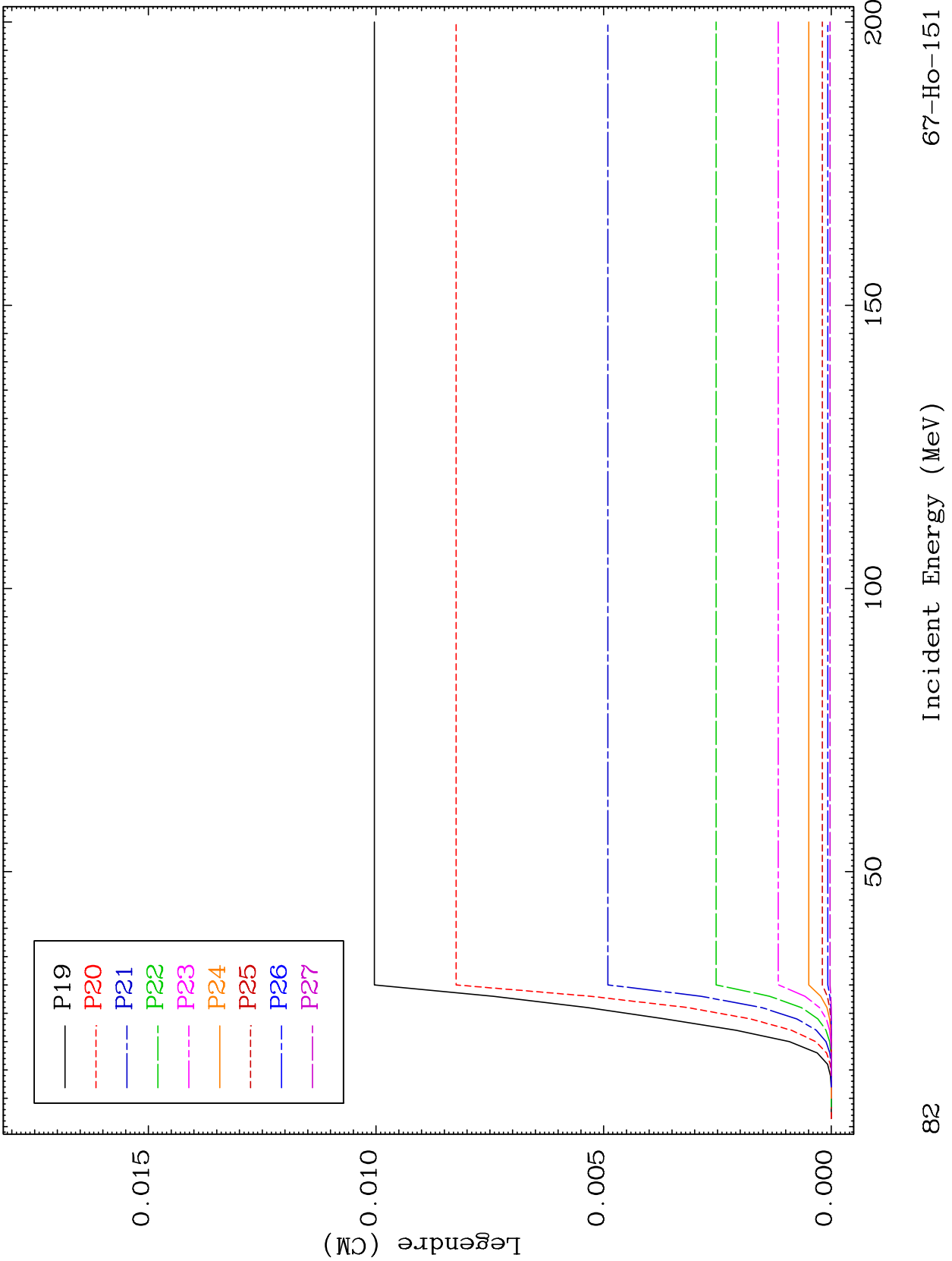
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



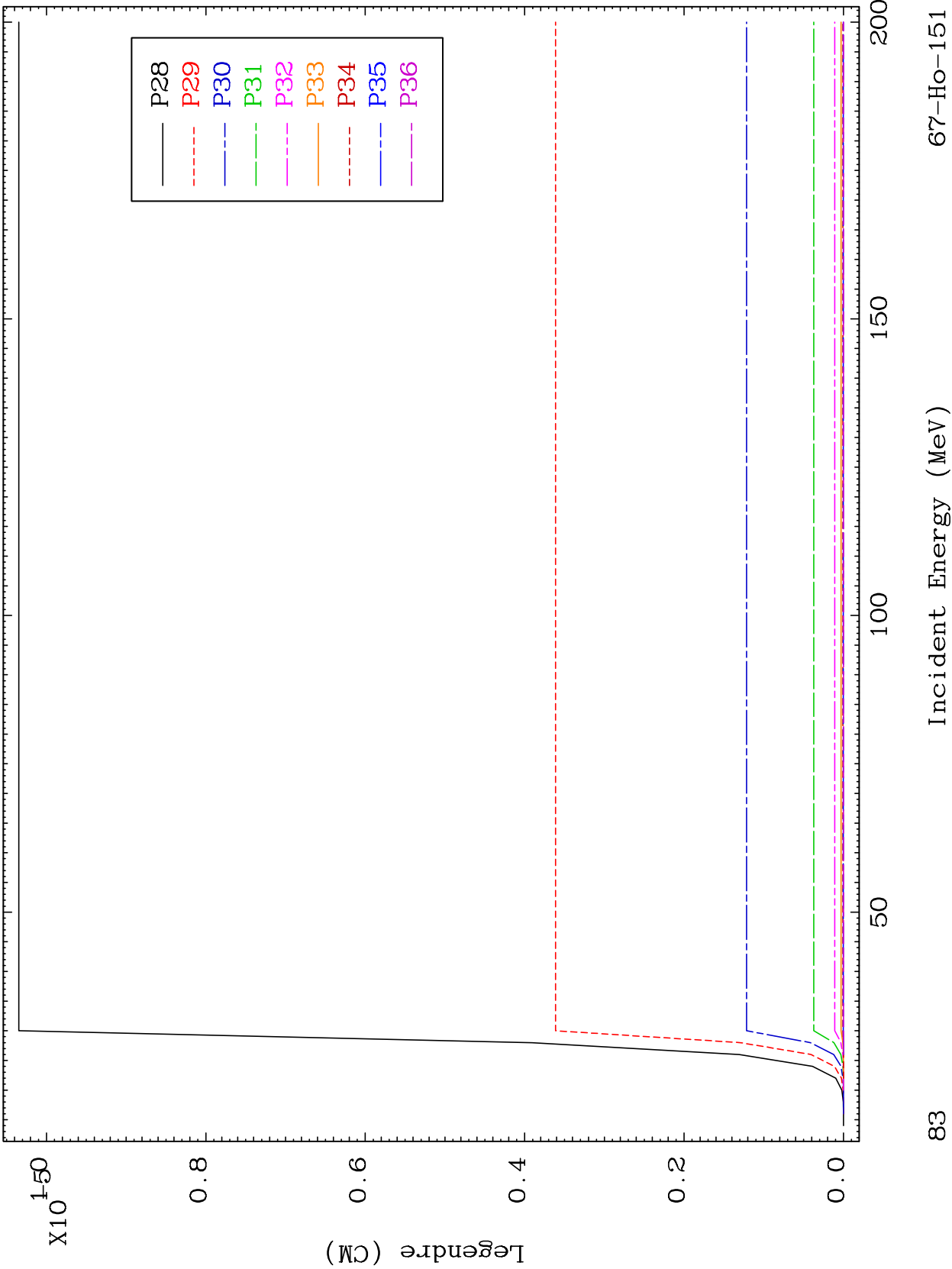
82

67-Ho-151

MAT 6683

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

67-Ho-151



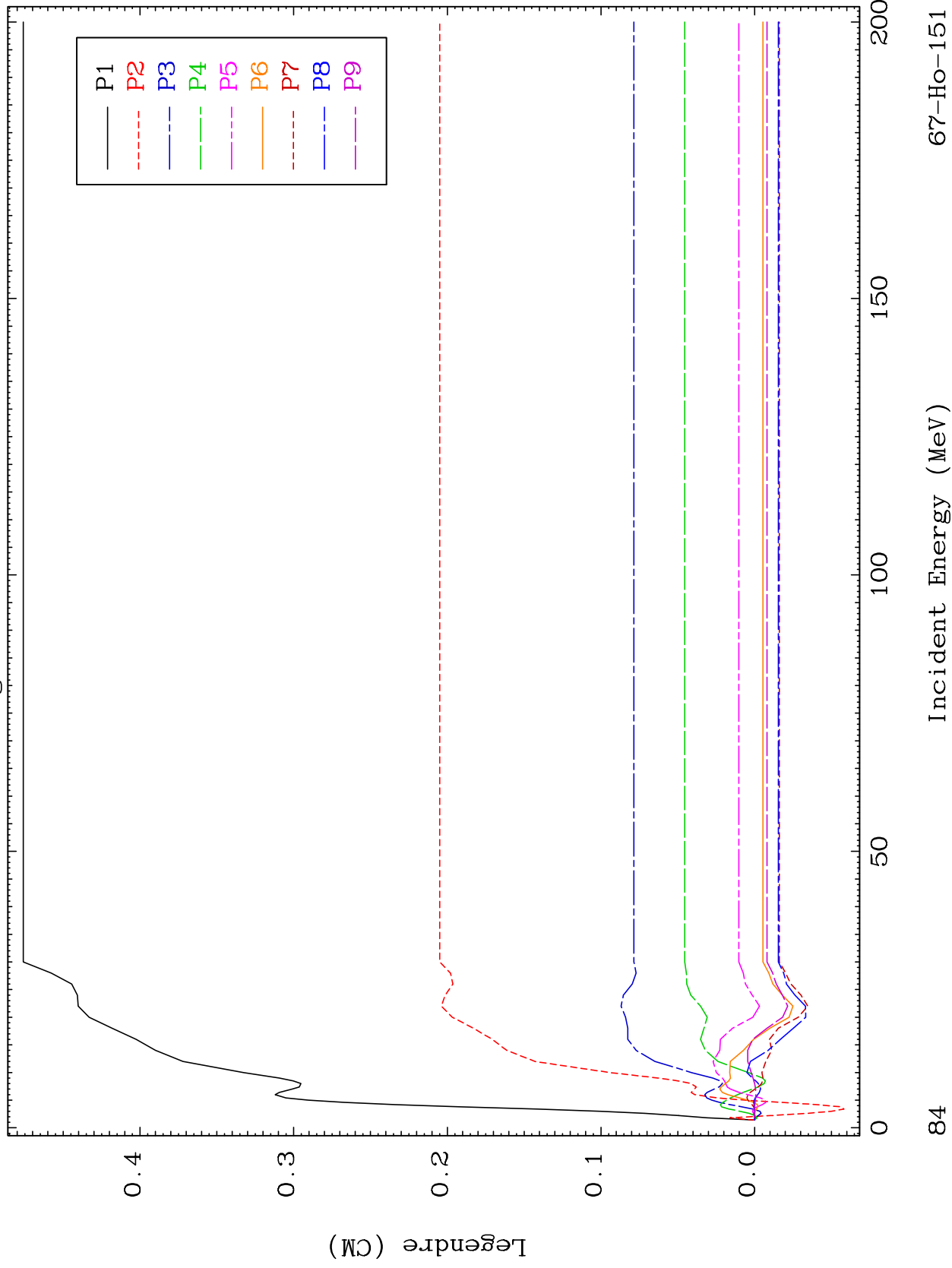
83

67-Ho-151

MAT 6683

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

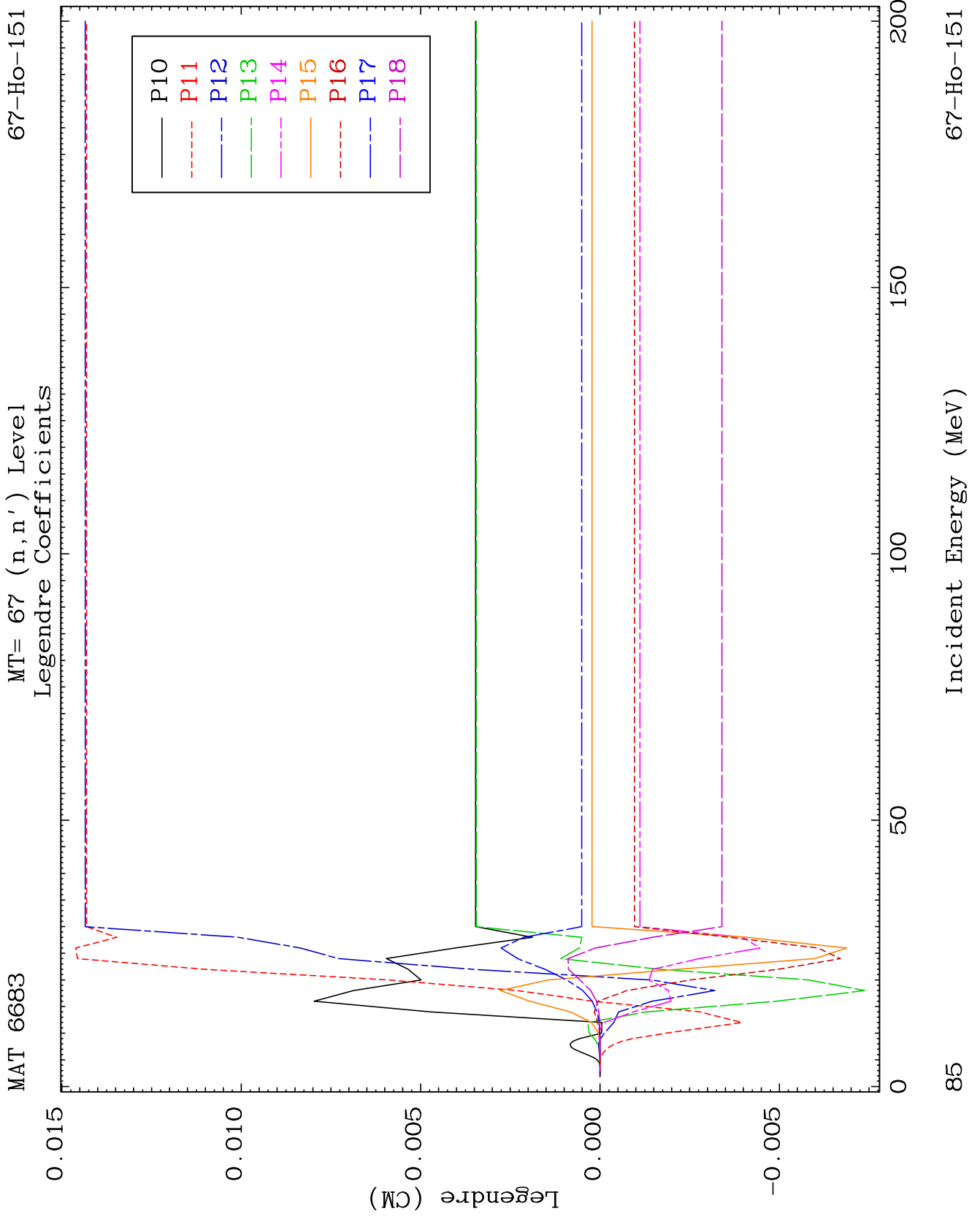
67-Ho-151

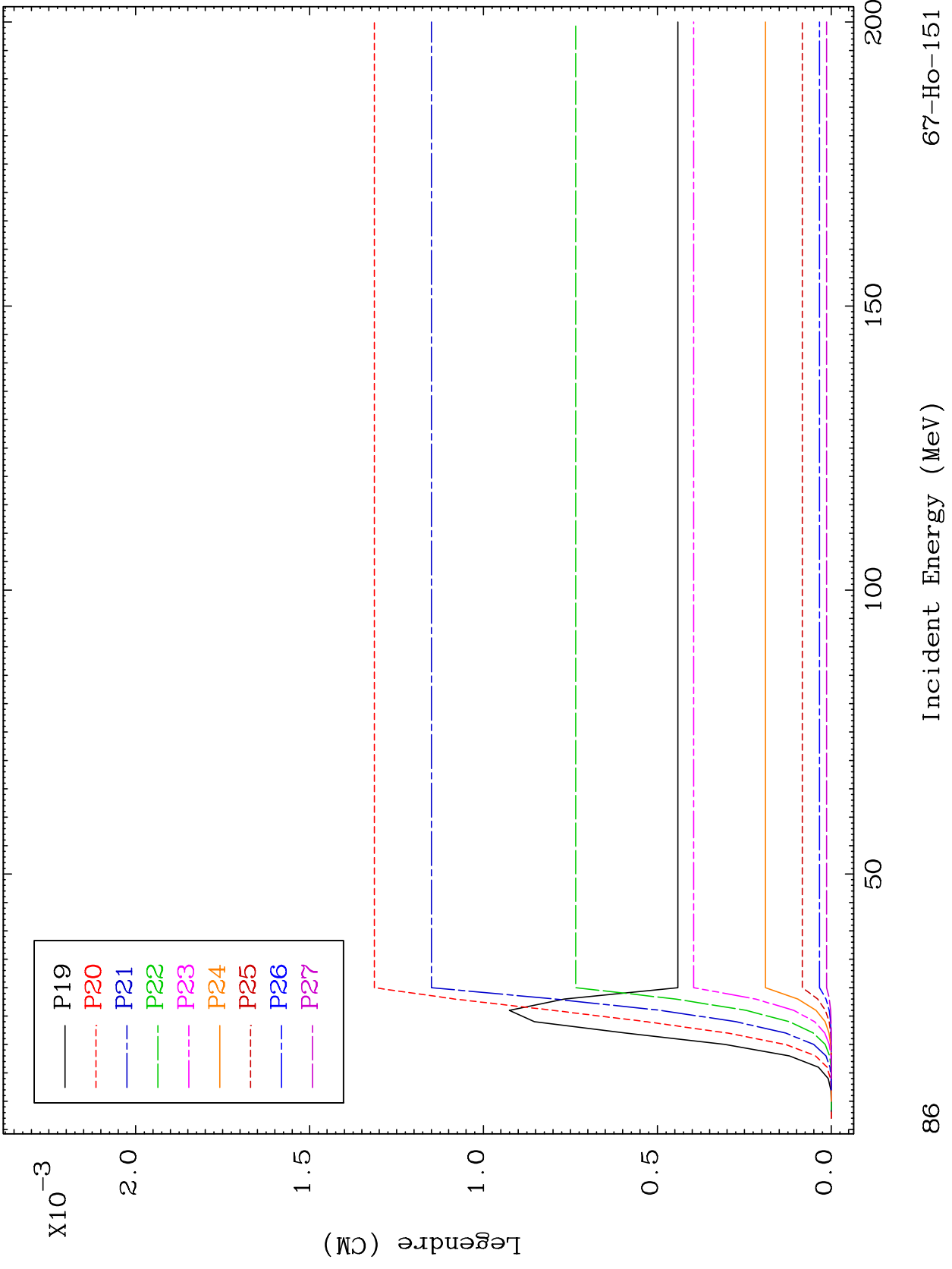


67-Ho-151

Incident Energy (MeV)

84

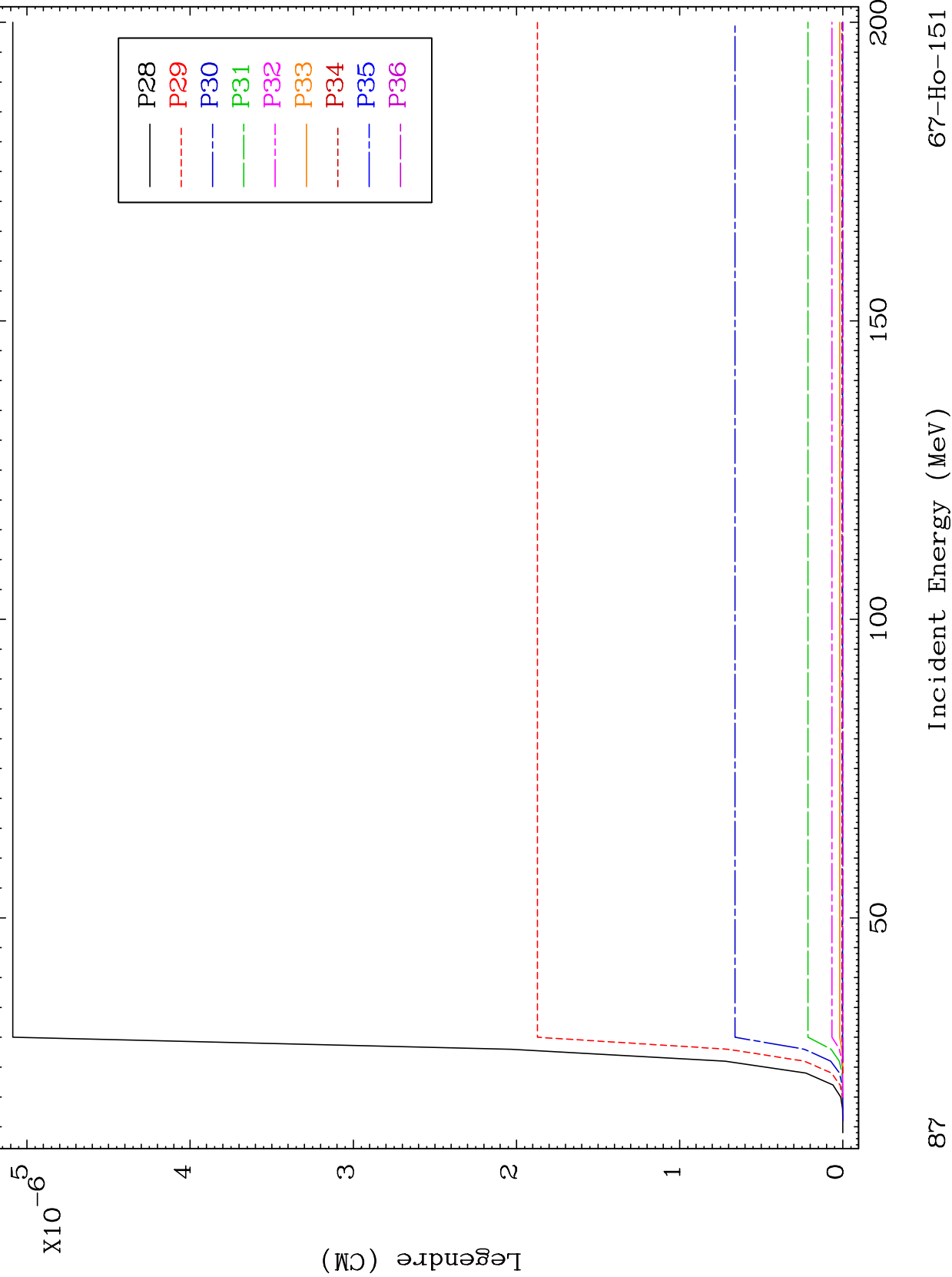




MAT 6683

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

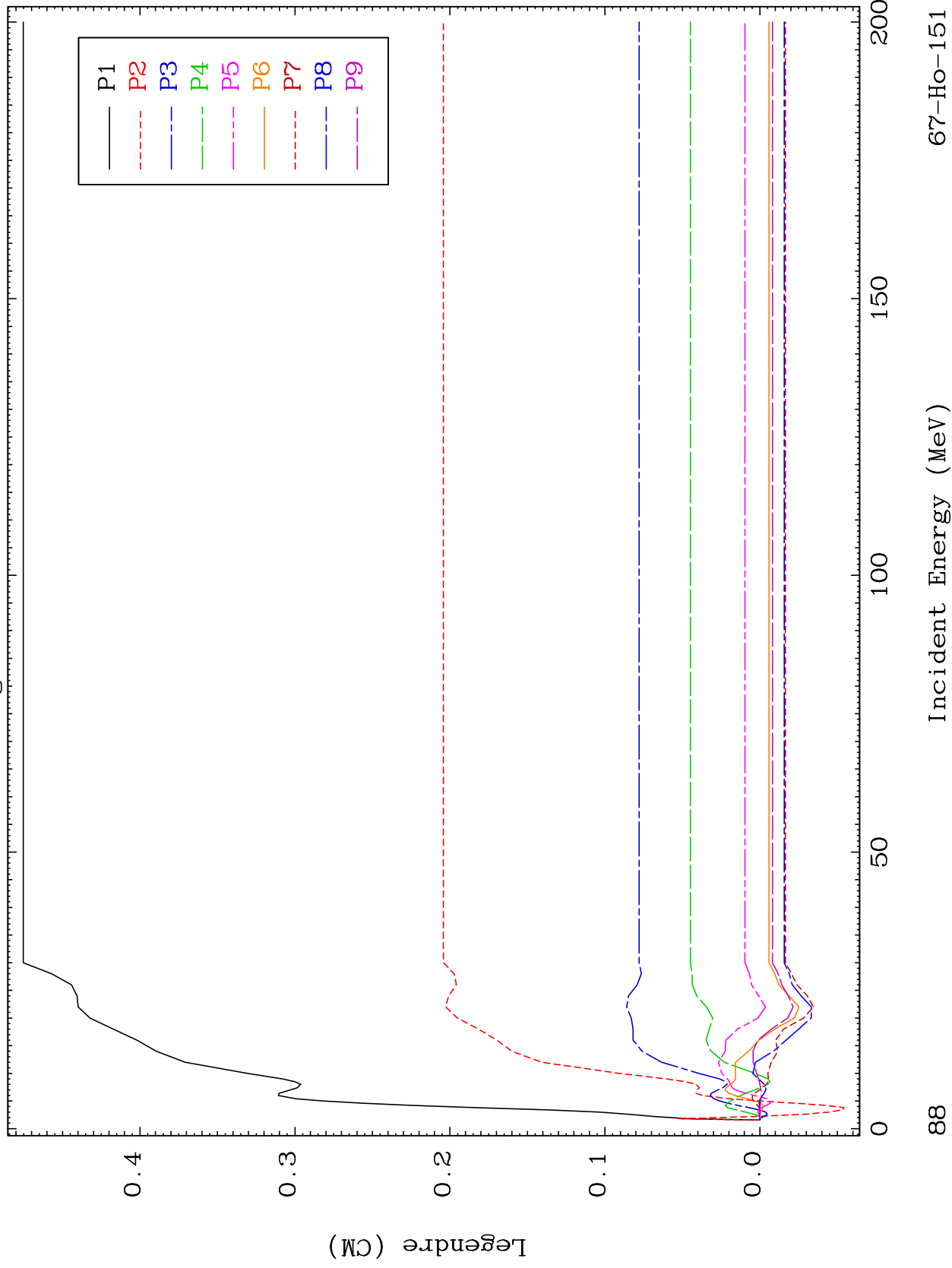
67-Ho-151



MAT 6683

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

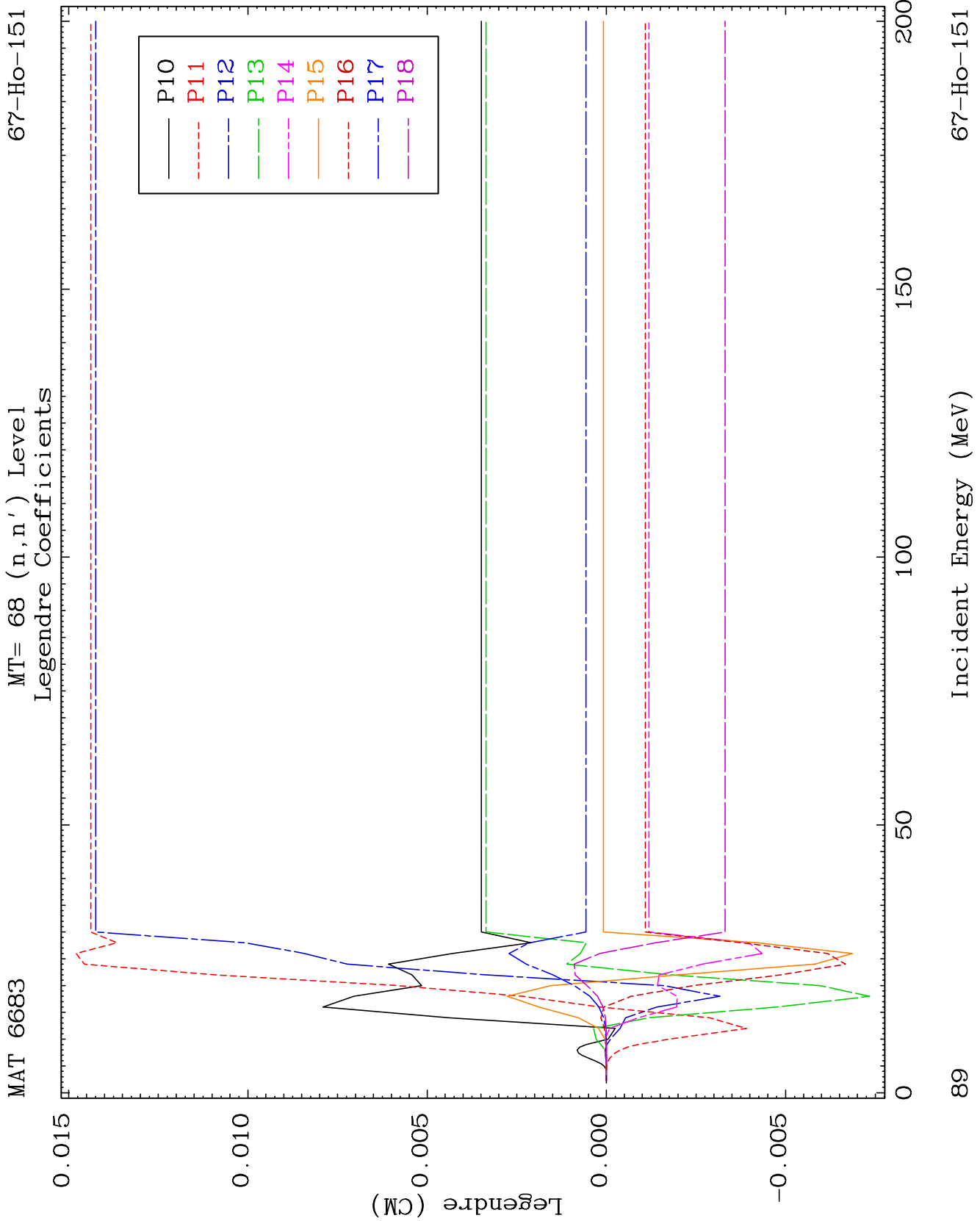
67-Ho-151



67-Ho-151

Incident Energy (MeV)

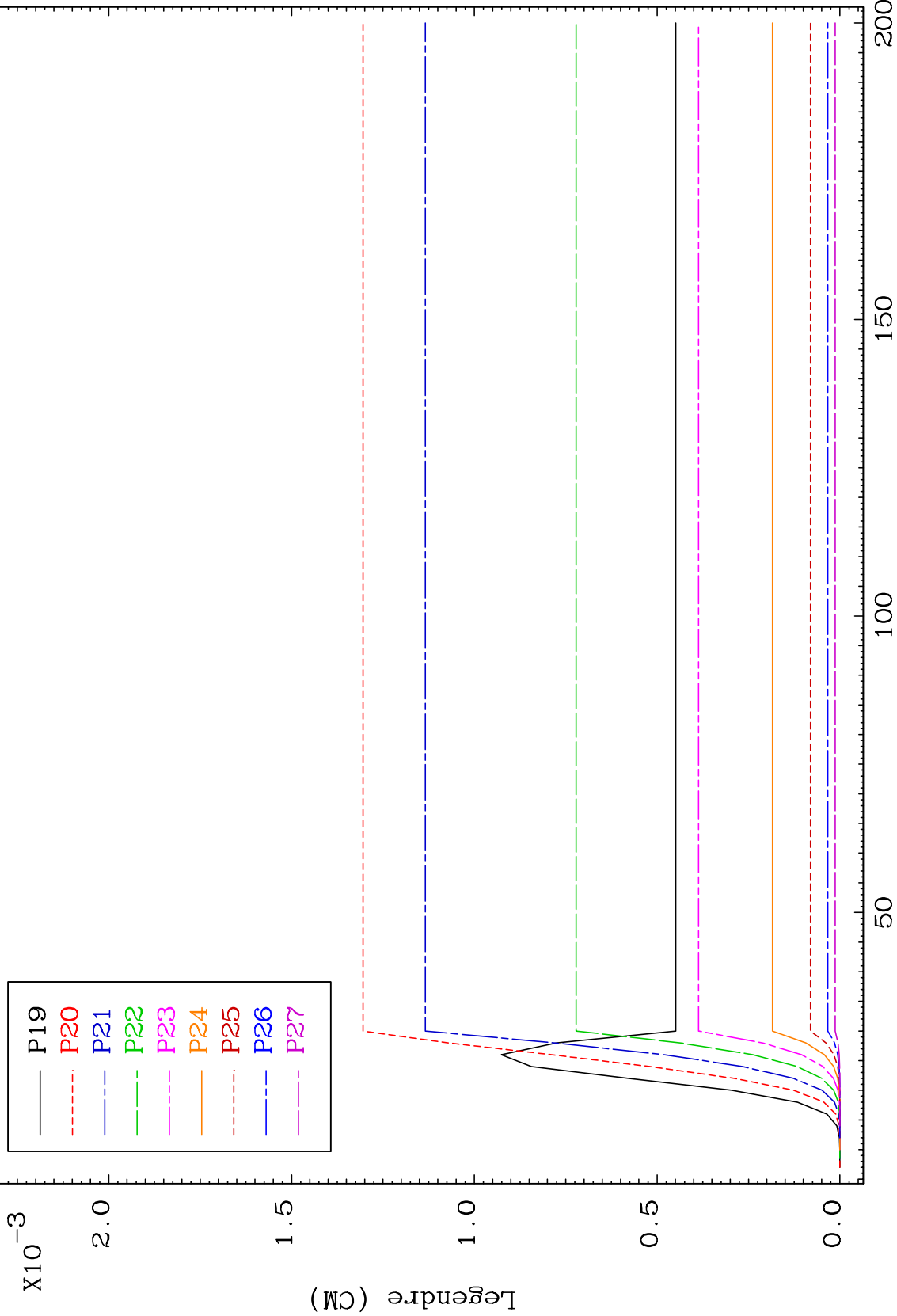
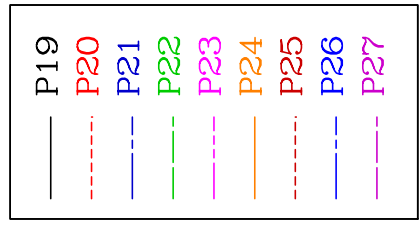
88



MAT 6683

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

67-Ho-151



90

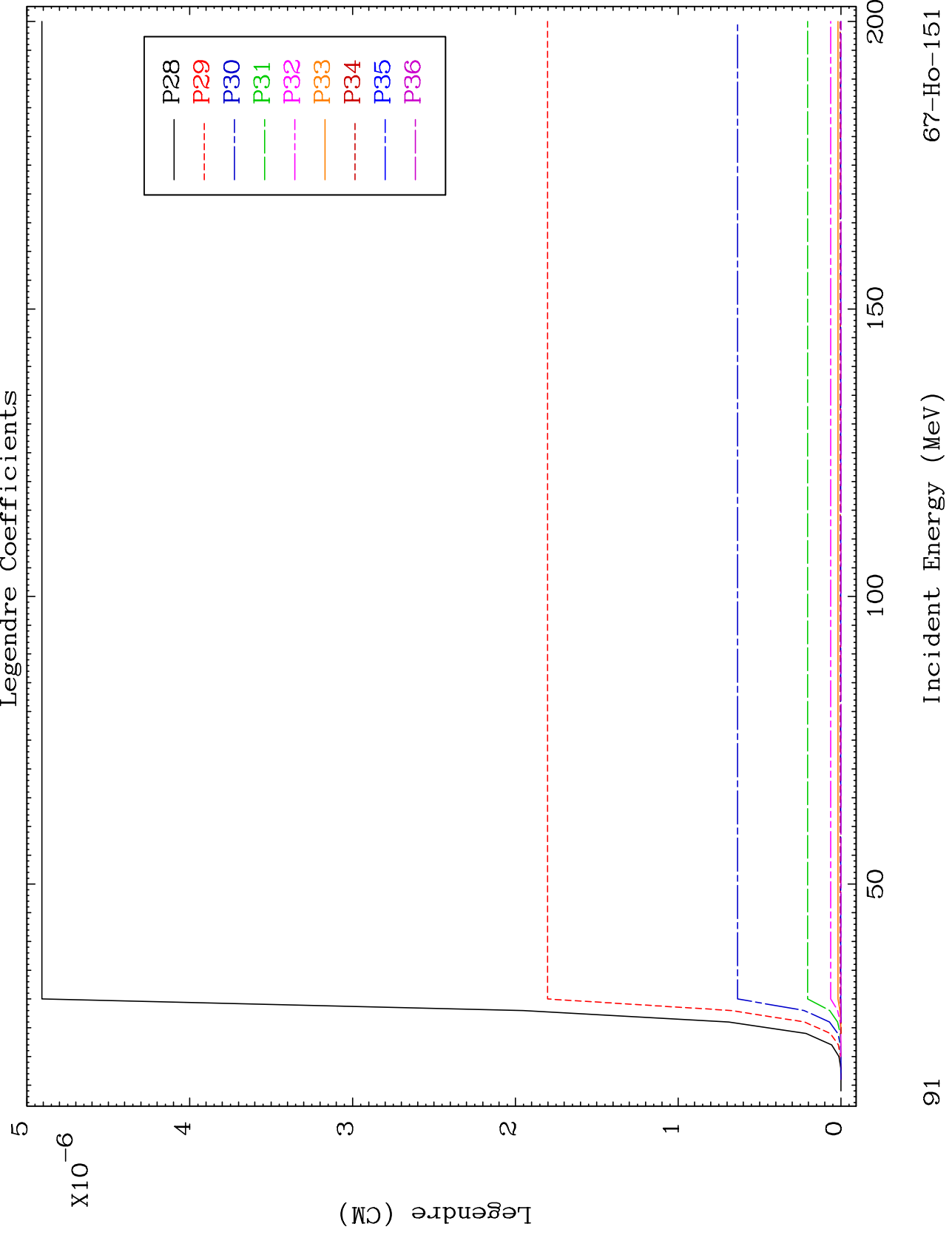
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



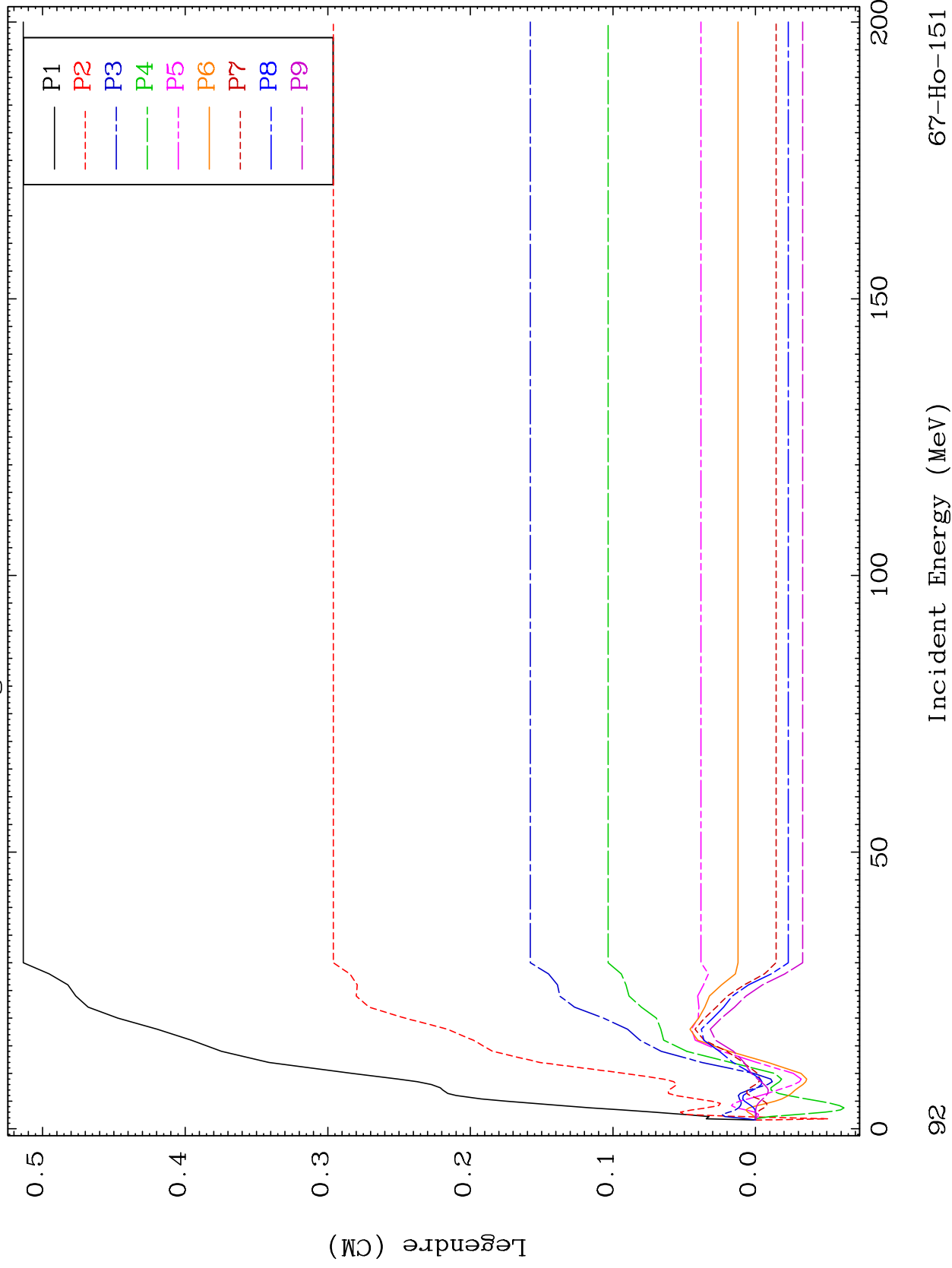
91

67-Ho-151

MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

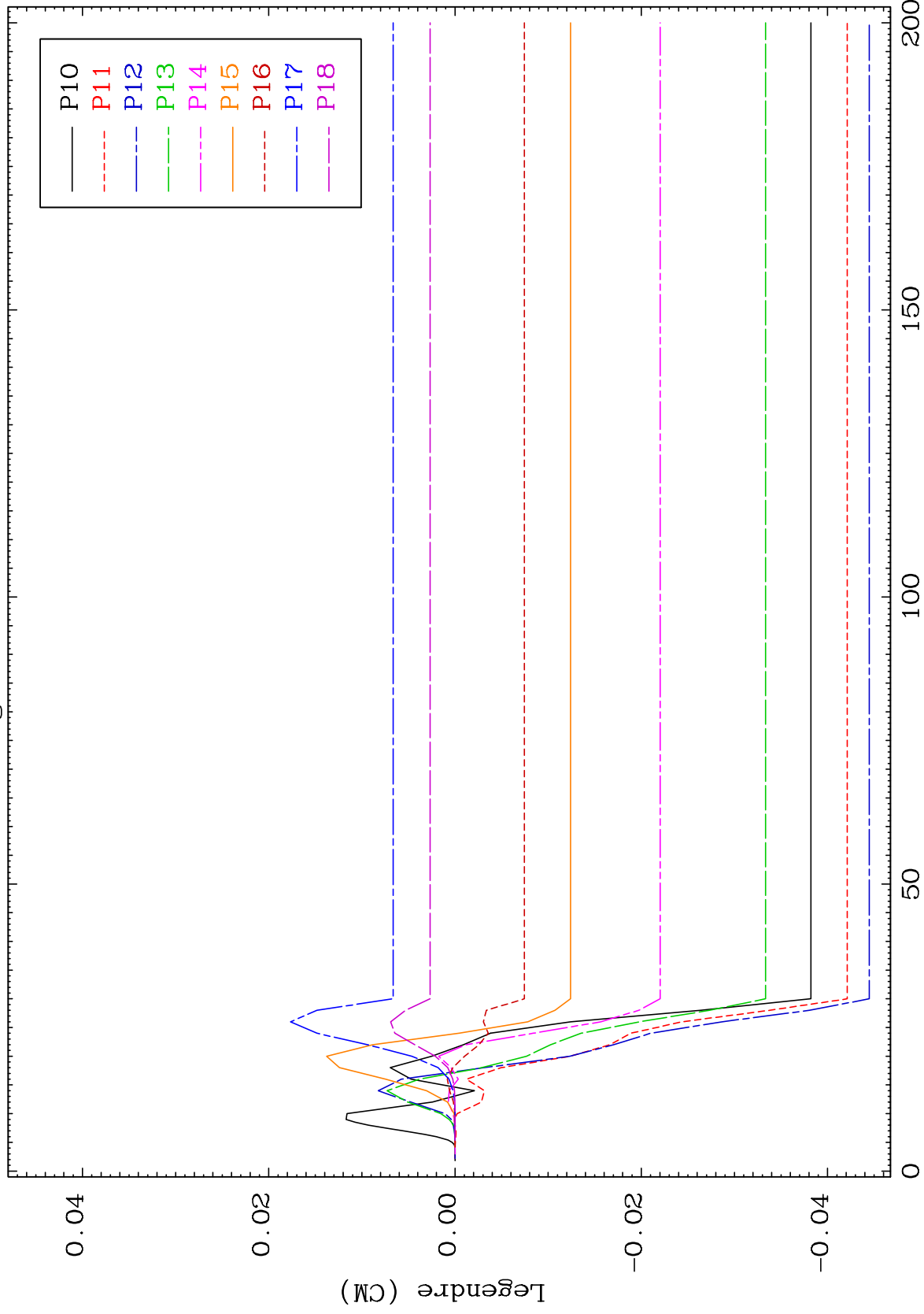
Incident Energy (MeV)

92

MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



93

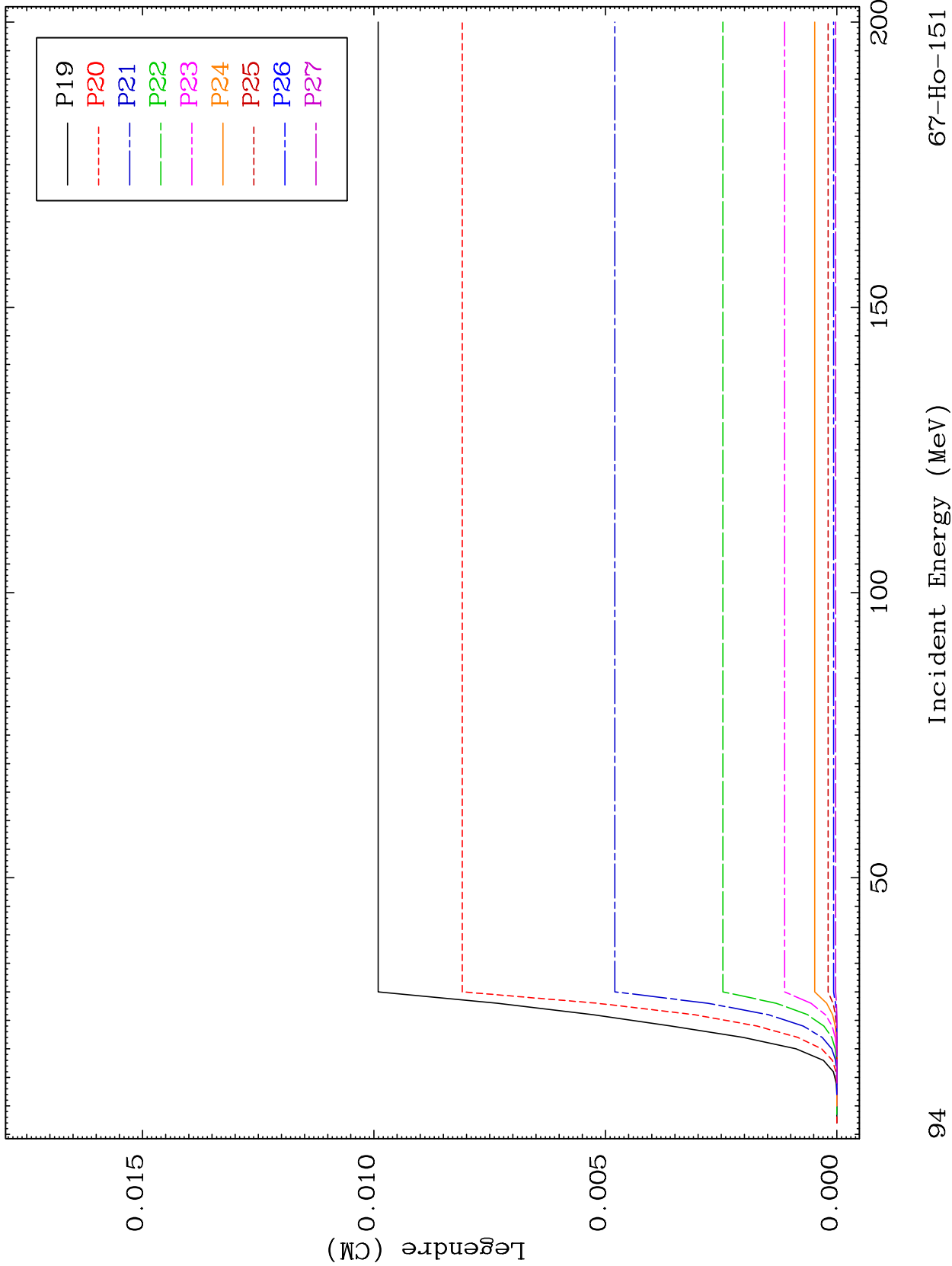
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



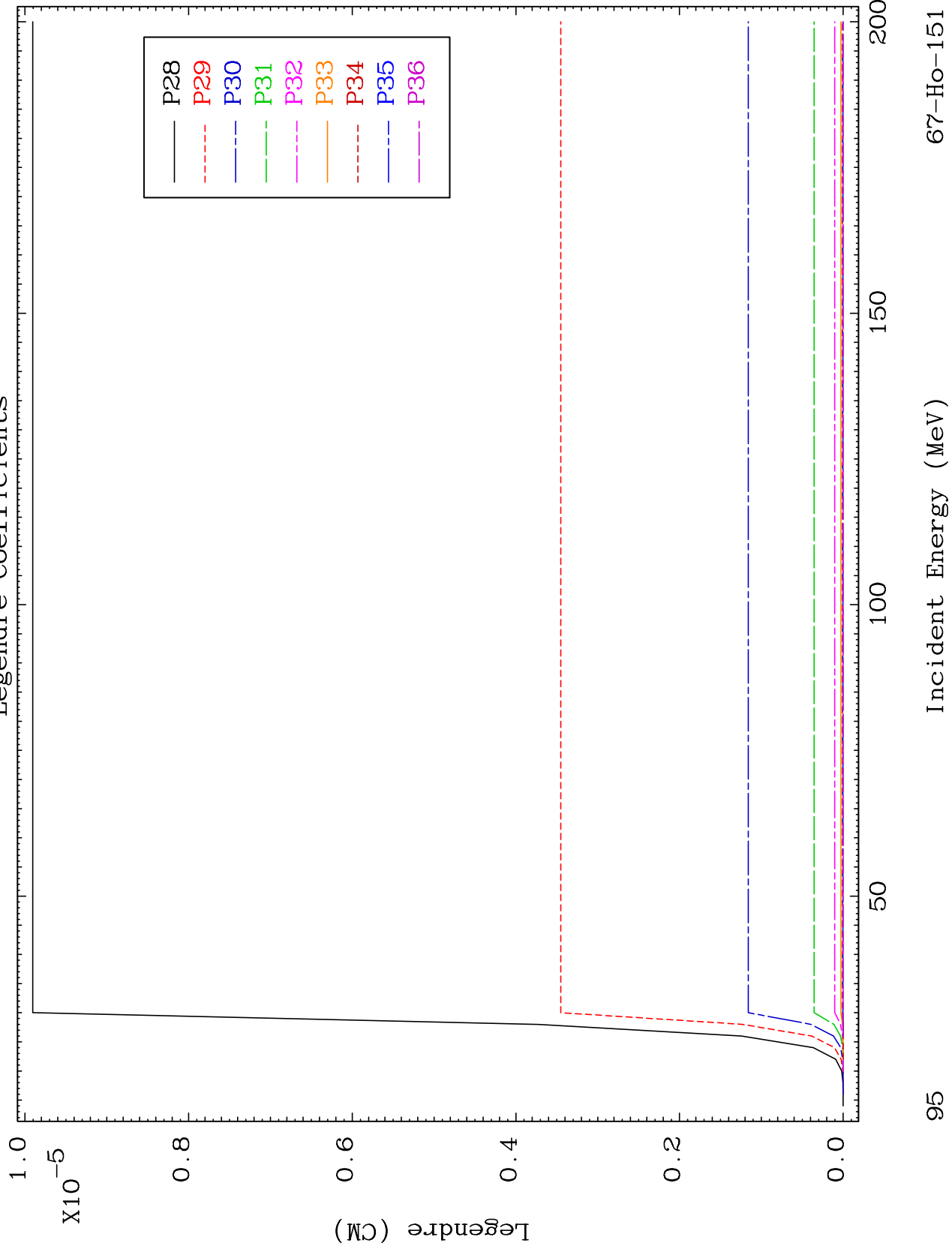
94

67-Ho-151

MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

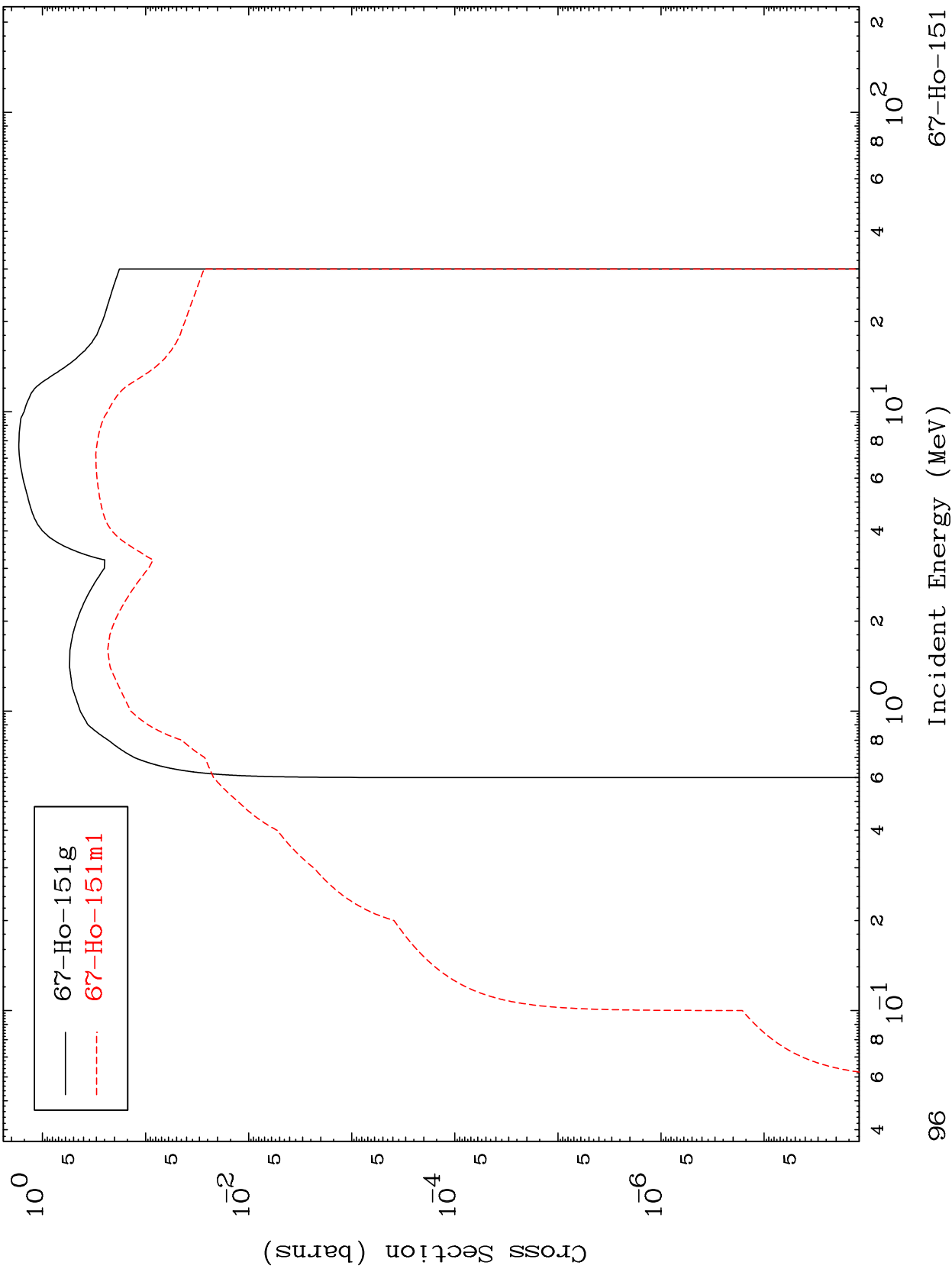
Incident Energy (MeV)

95

MAT 6683

67-Ho-151

Radionuclide Production Cross Section



96

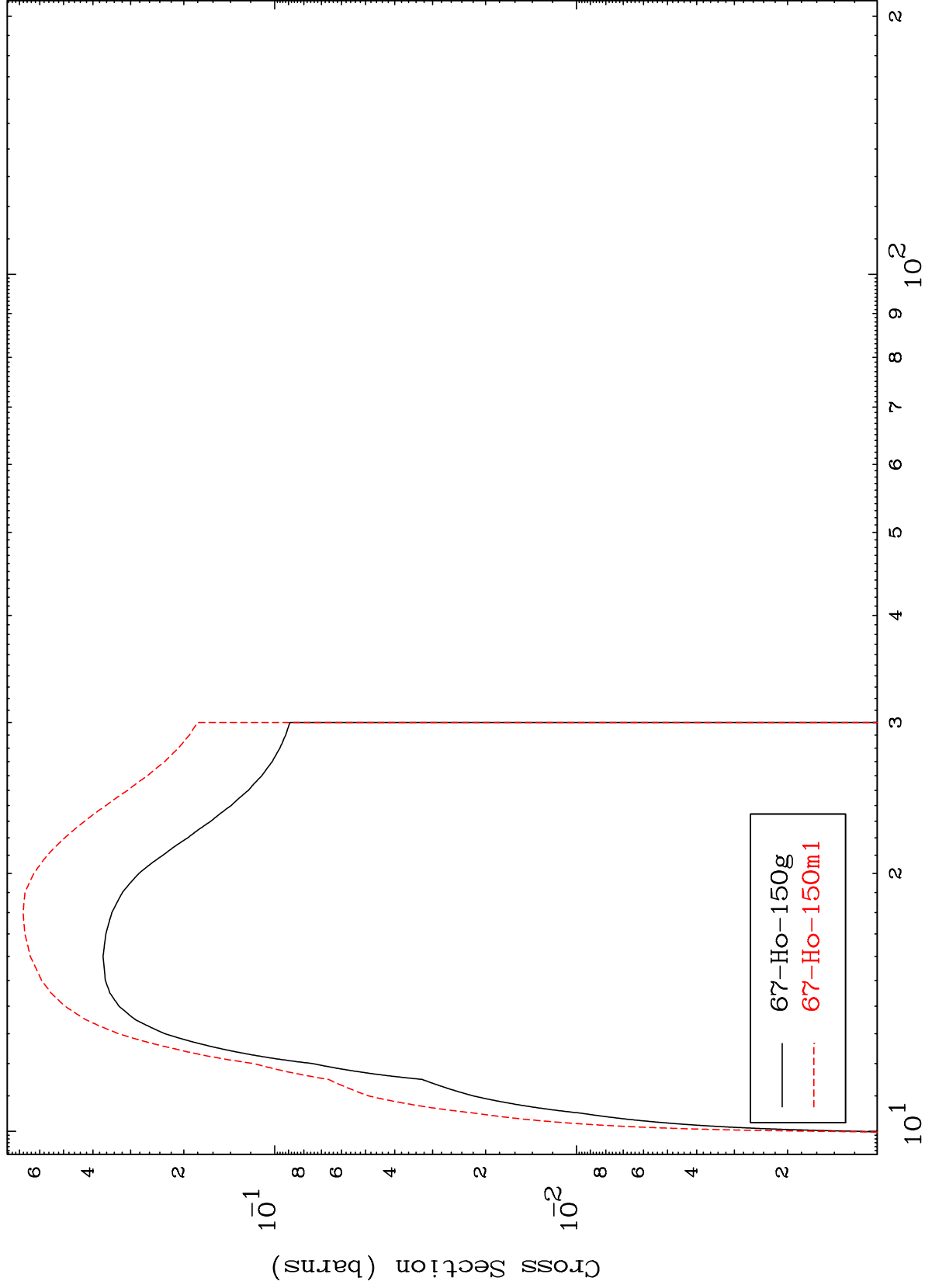
67-Ho-151

MAT 6683

(n,2n)

67-Ho-151

Radionuclide Production Cross Section



97

Incident Energy (MeV)

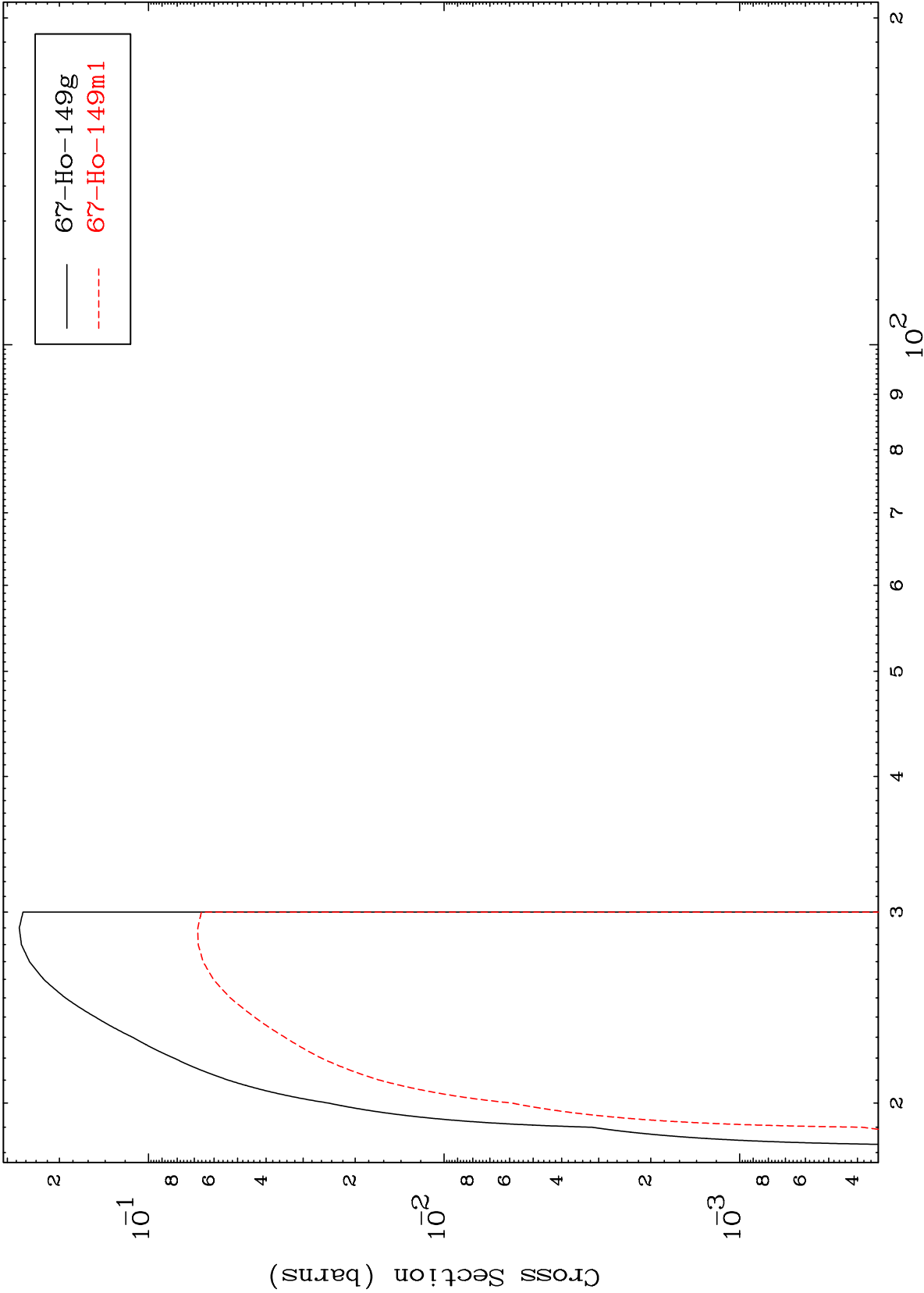
67-Ho-151

MAT 6683

(n,3n)

67-Ho-151

Radionuclide Production Cross Section



98

Incident Energy (MeV)

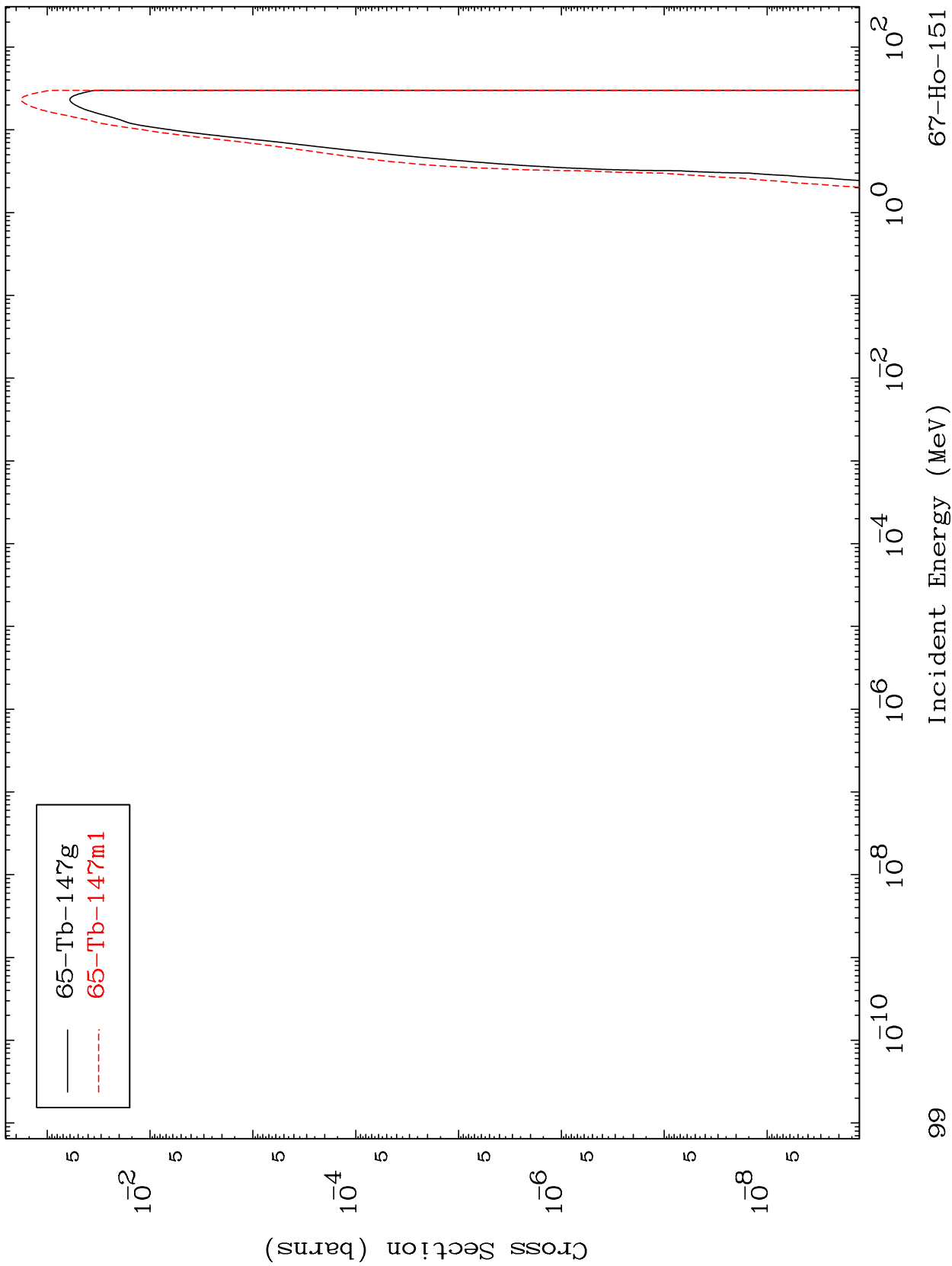
67-Ho-151

MAT 6683

$(n, n') \alpha$

67-Ho-151

Radionuclide Production Cross Section

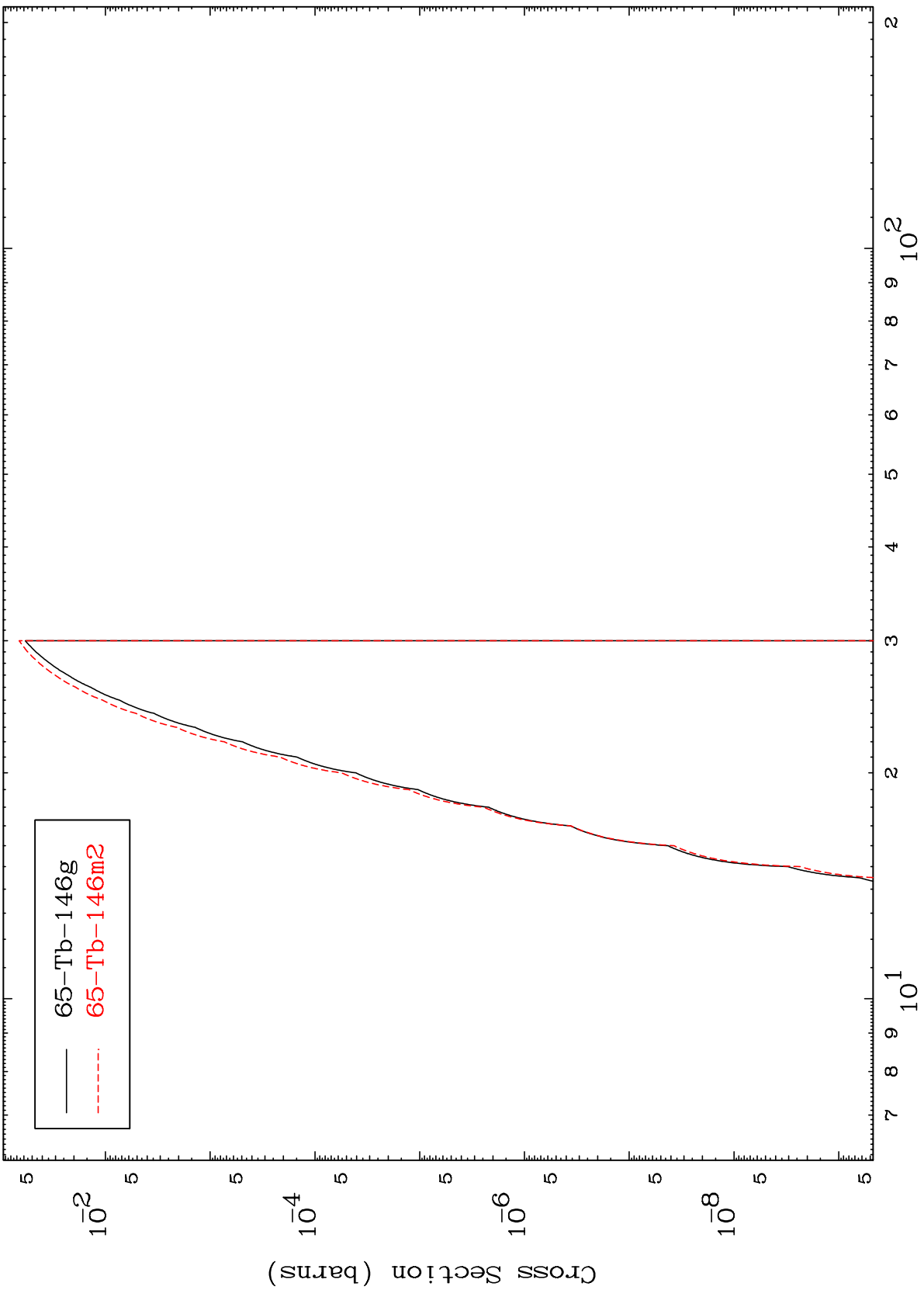


MAT 6683

$(n,2n) \alpha$

67-Ho-151

Radionuclide Production Cross Section



100

Incident Energy (MeV)

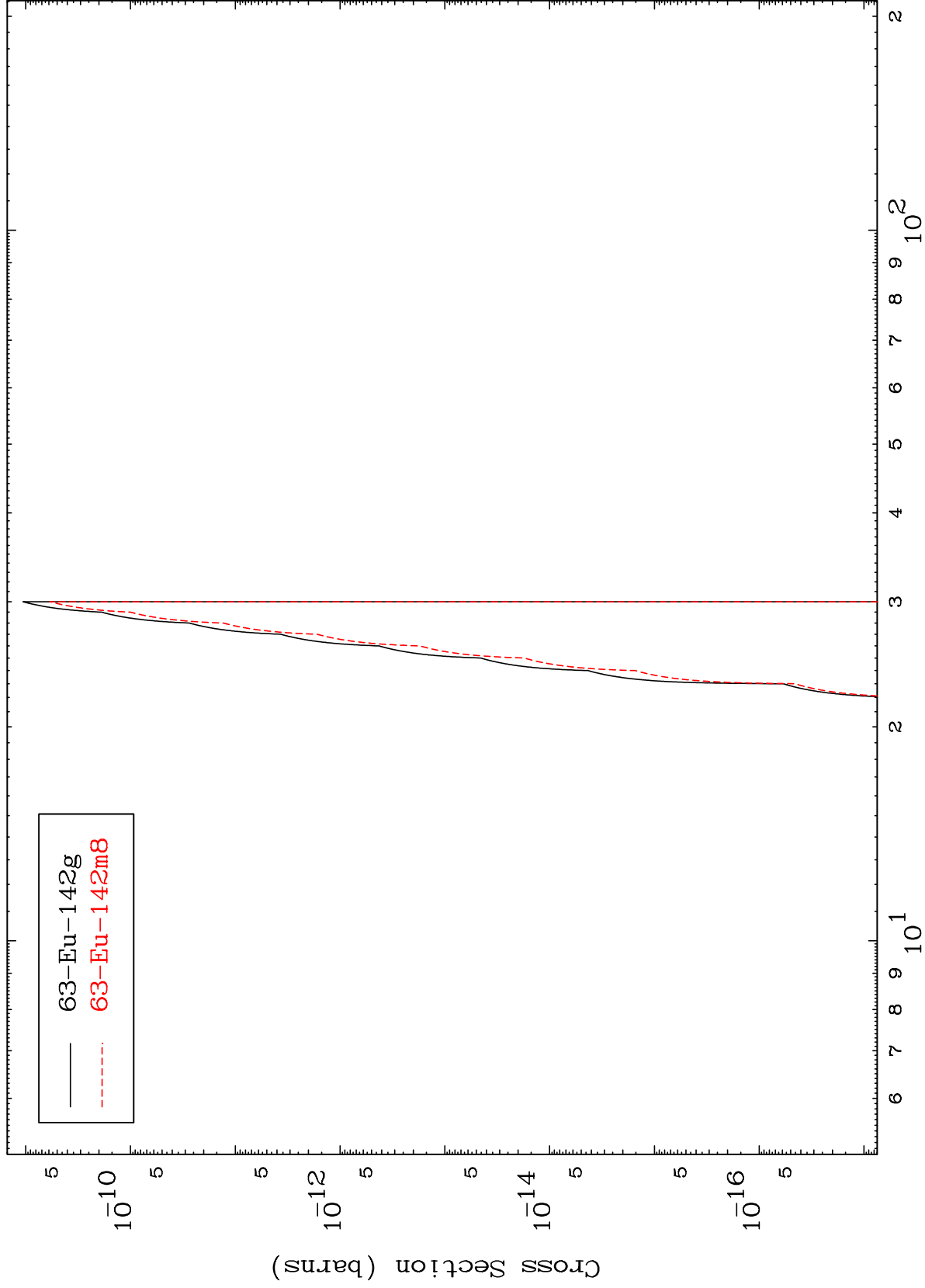
67-Ho-151

MAT 6683

$^{67}\text{Ho-151}$ $(n,2n) 2\alpha$

$^{67}\text{Ho-151}$

Radionuclide Production Cross Section



101

Incident Energy (MeV)

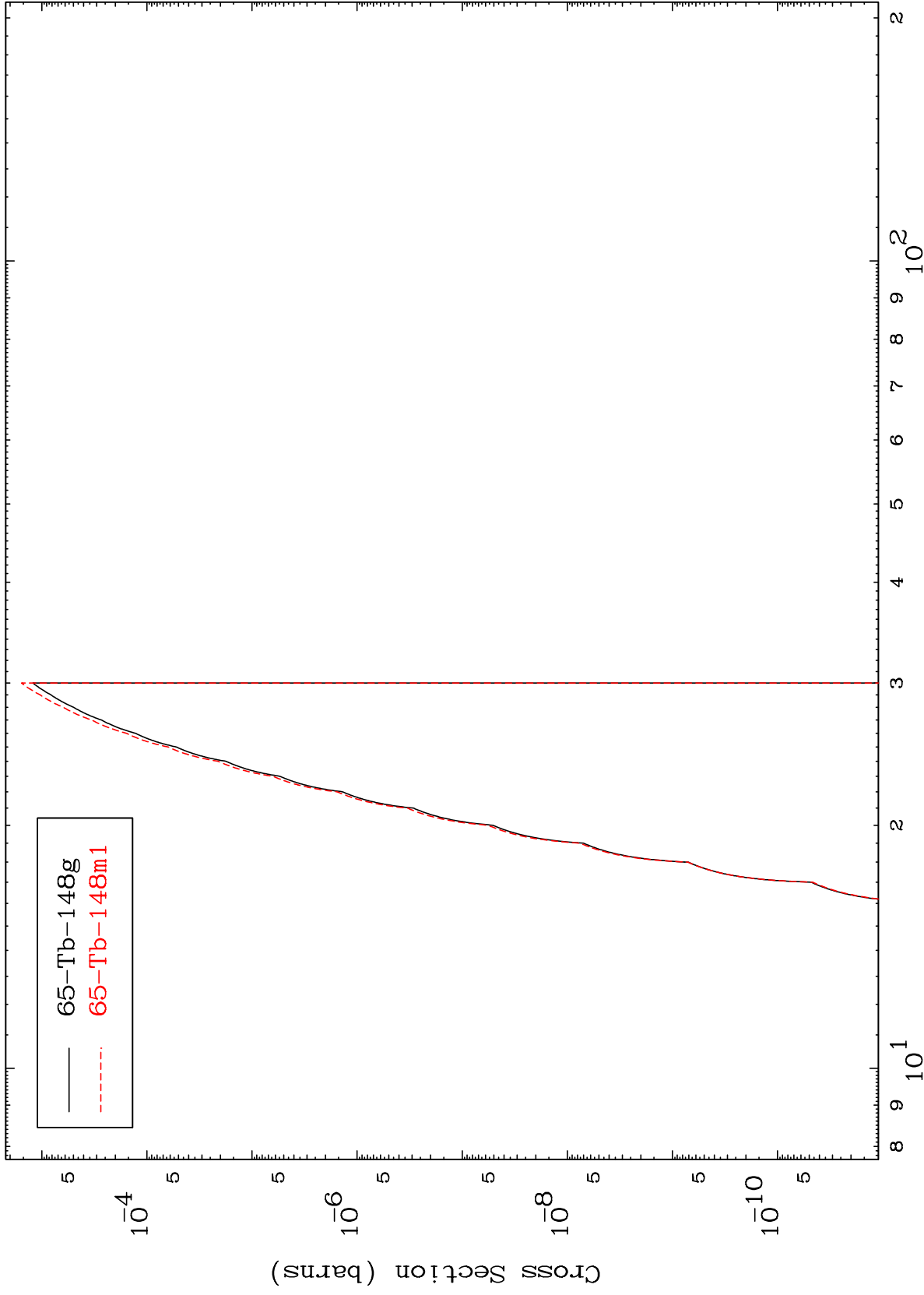
$^{67}\text{Ho-151}$

MAT 6683

(n,n') He-3

67-Ho-151

Radionuclide Production Cross Section



102

Incident Energy (MeV)

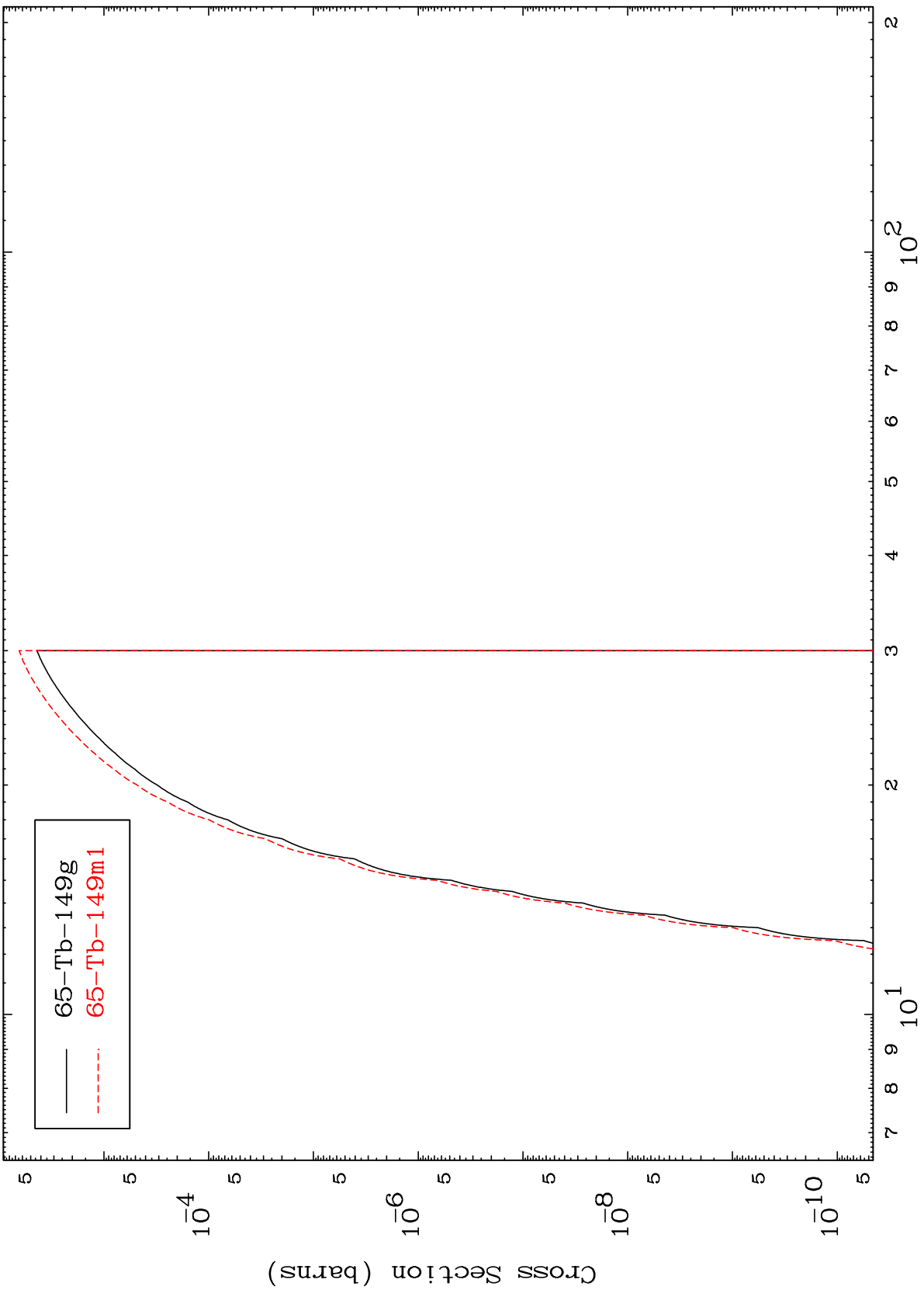
67-Ho-151

MAT 6683

(n,2n) p

67-Ho-151

Radionuclide Production Cross Section



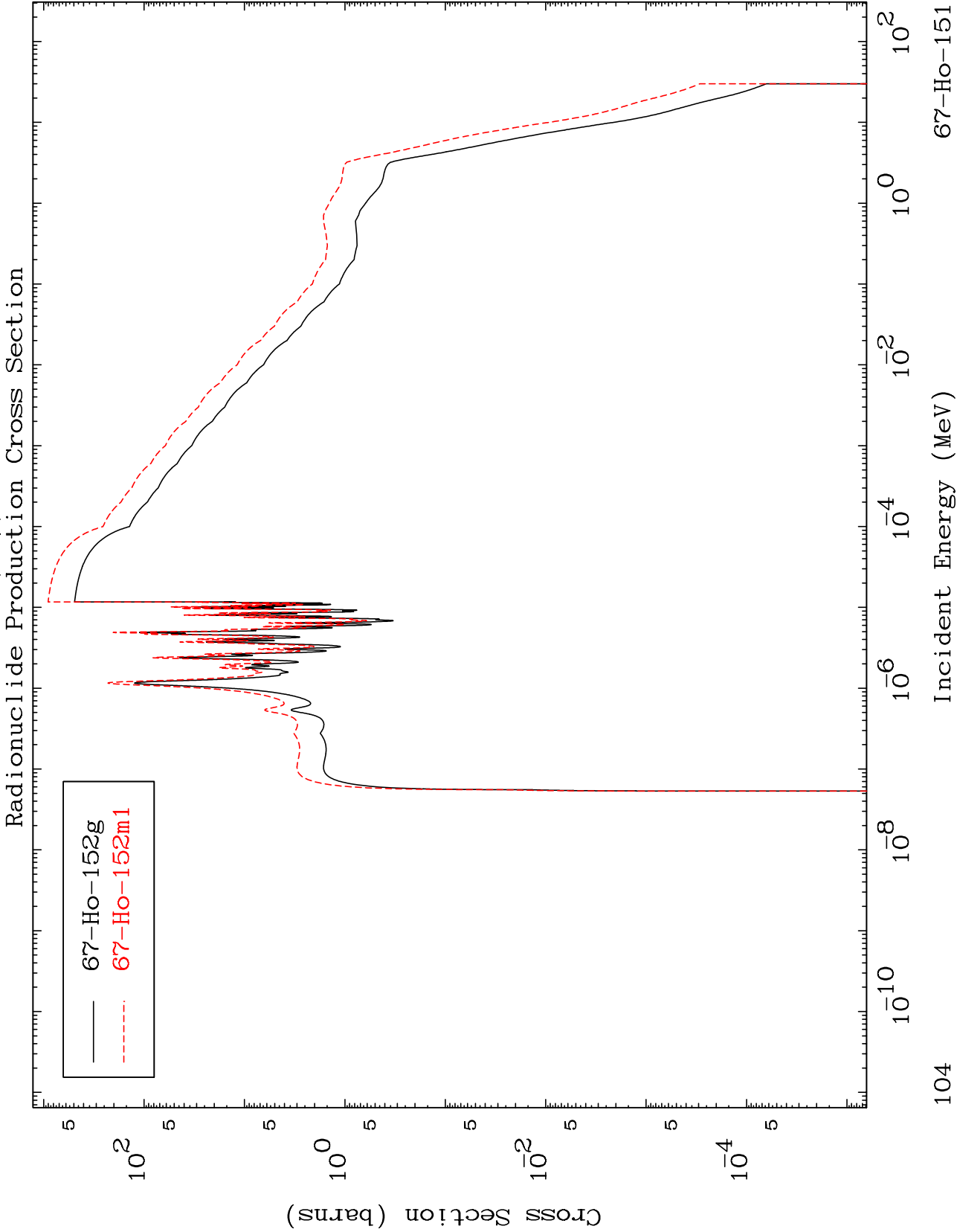
103

Incident Energy (MeV)

67-Ho-151

MAT 6683

⁶⁷Ho-151



104

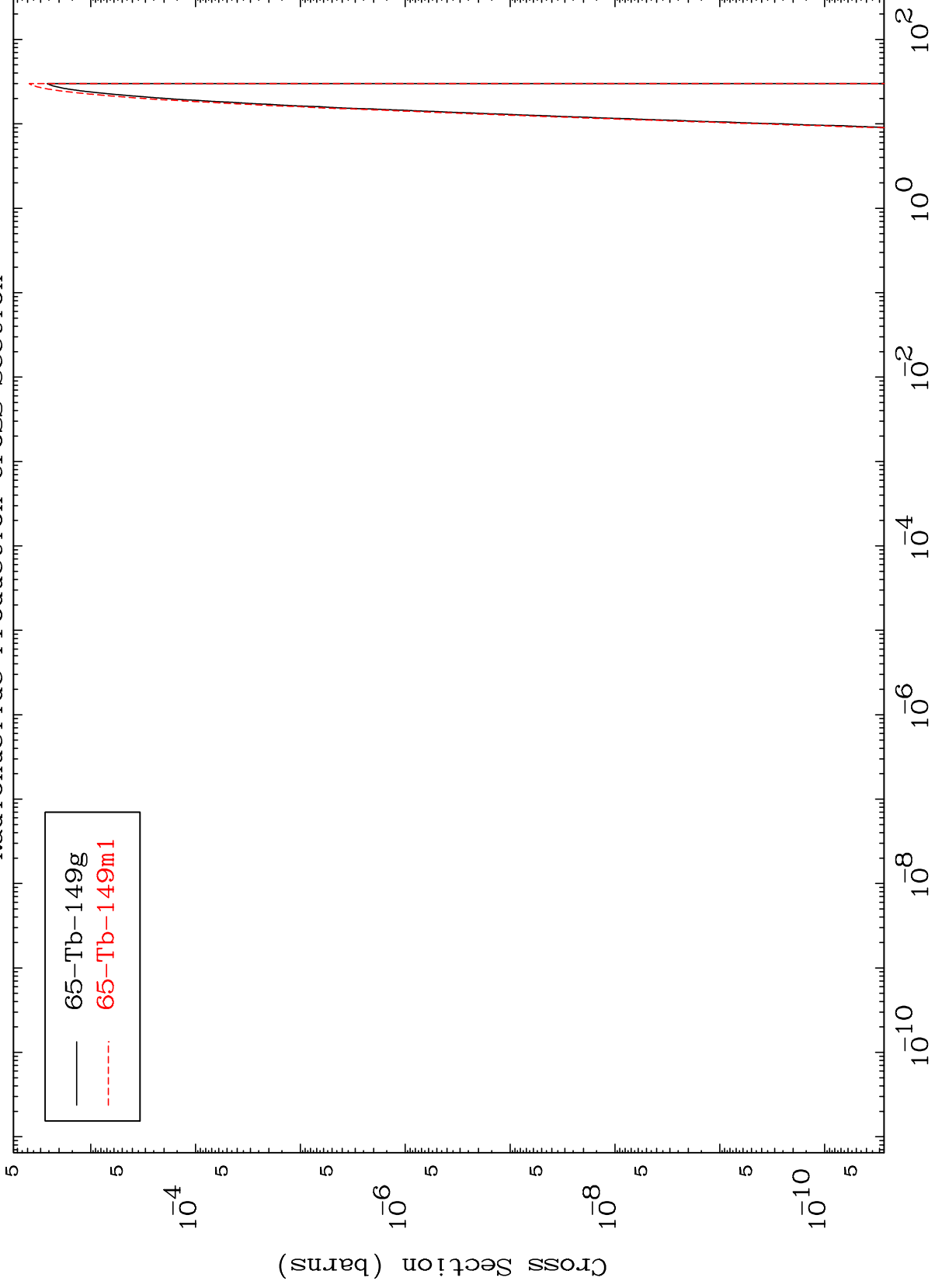
⁶⁷Ho-151

MAT 6683

(n,He-3)

67-Ho-151

Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

105

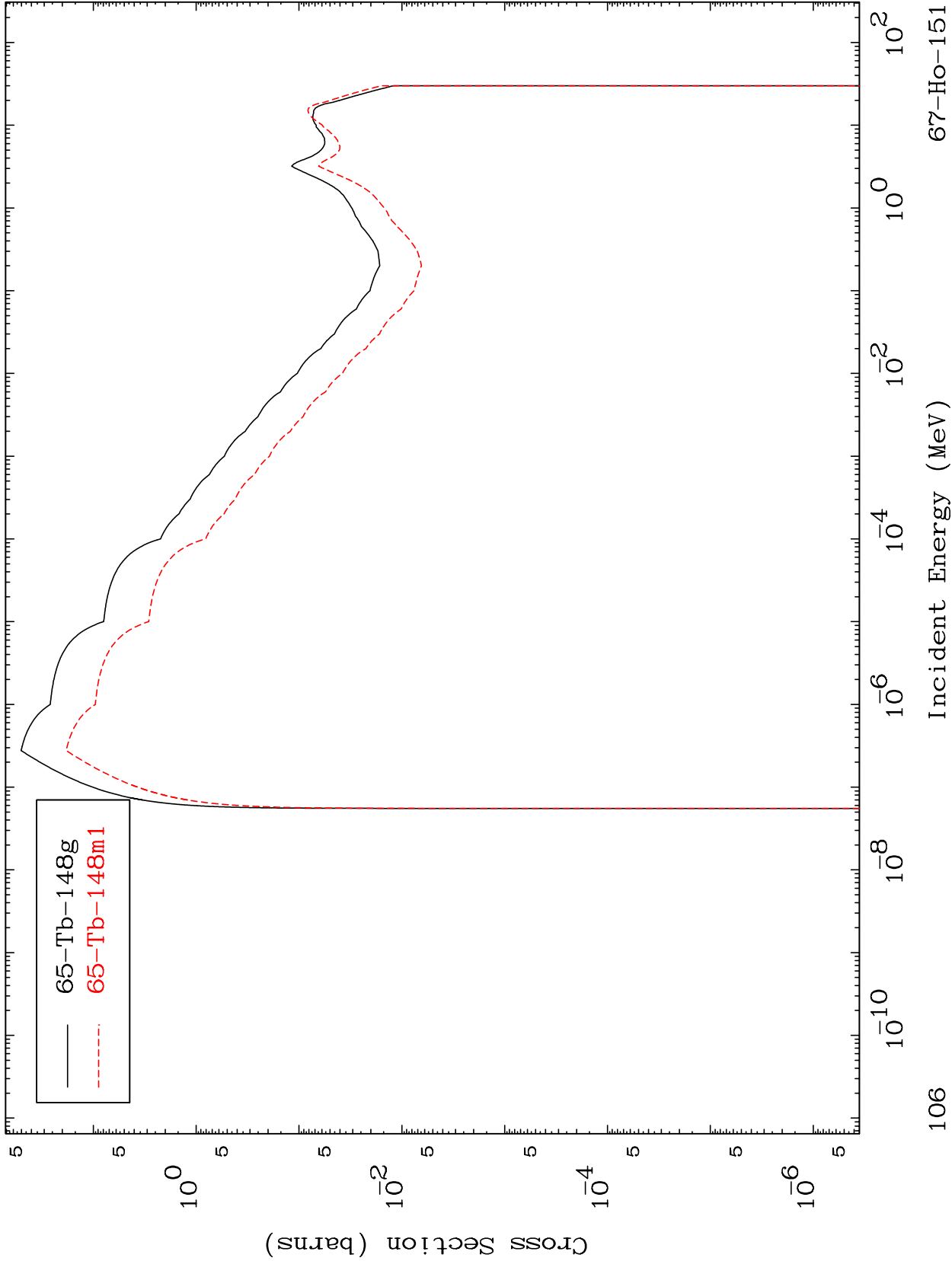
Incident Energy (MeV)

67-Ho-151

MAT 6683

67-Ho-151

Radionuclide Production Cross Section (n,α)



106

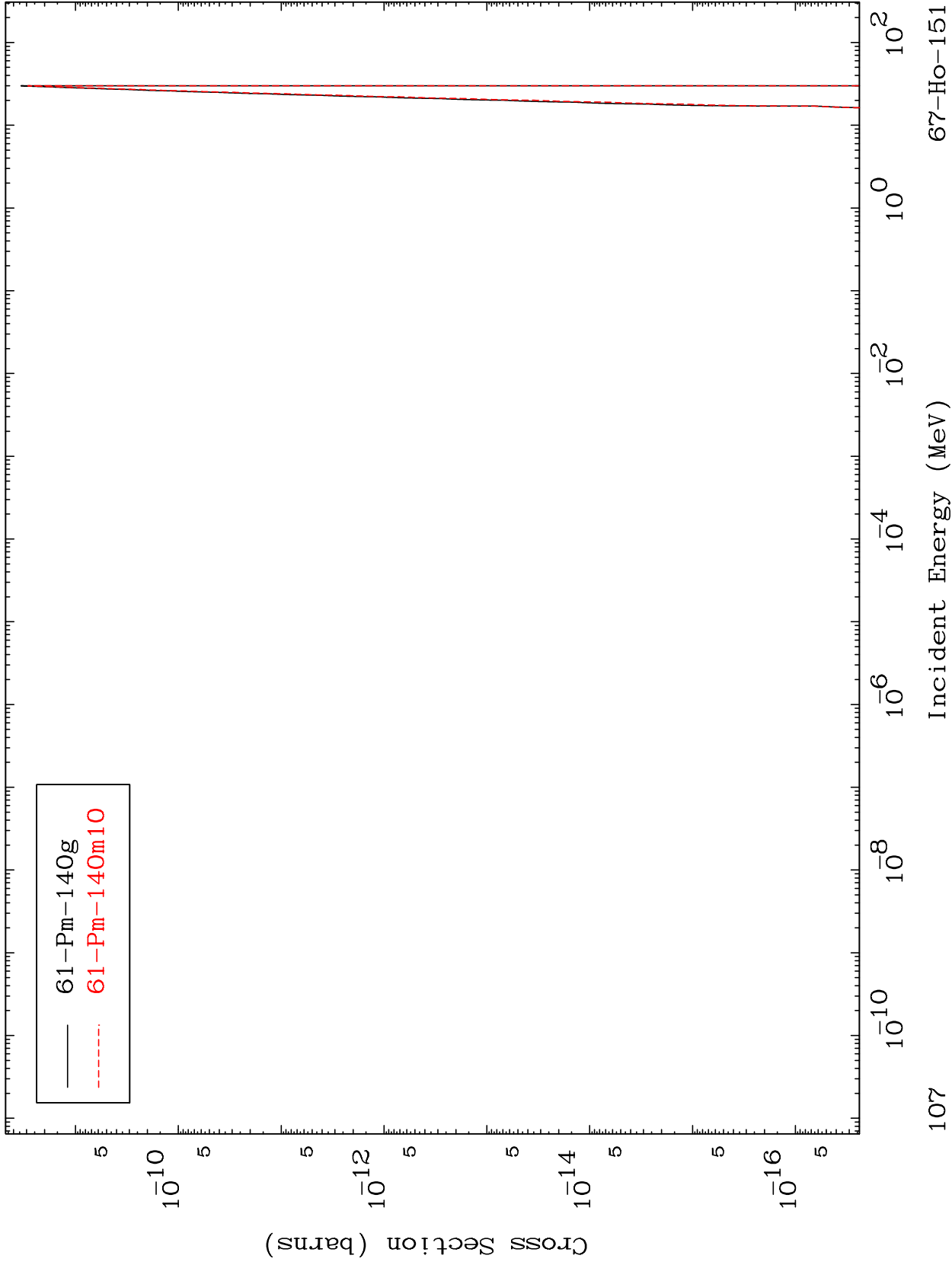
67-Ho-151

MAT 6683

(n,3 α)

67-Ho-151

Radionuclide Production Cross Section



107

Incident Energy (MeV)

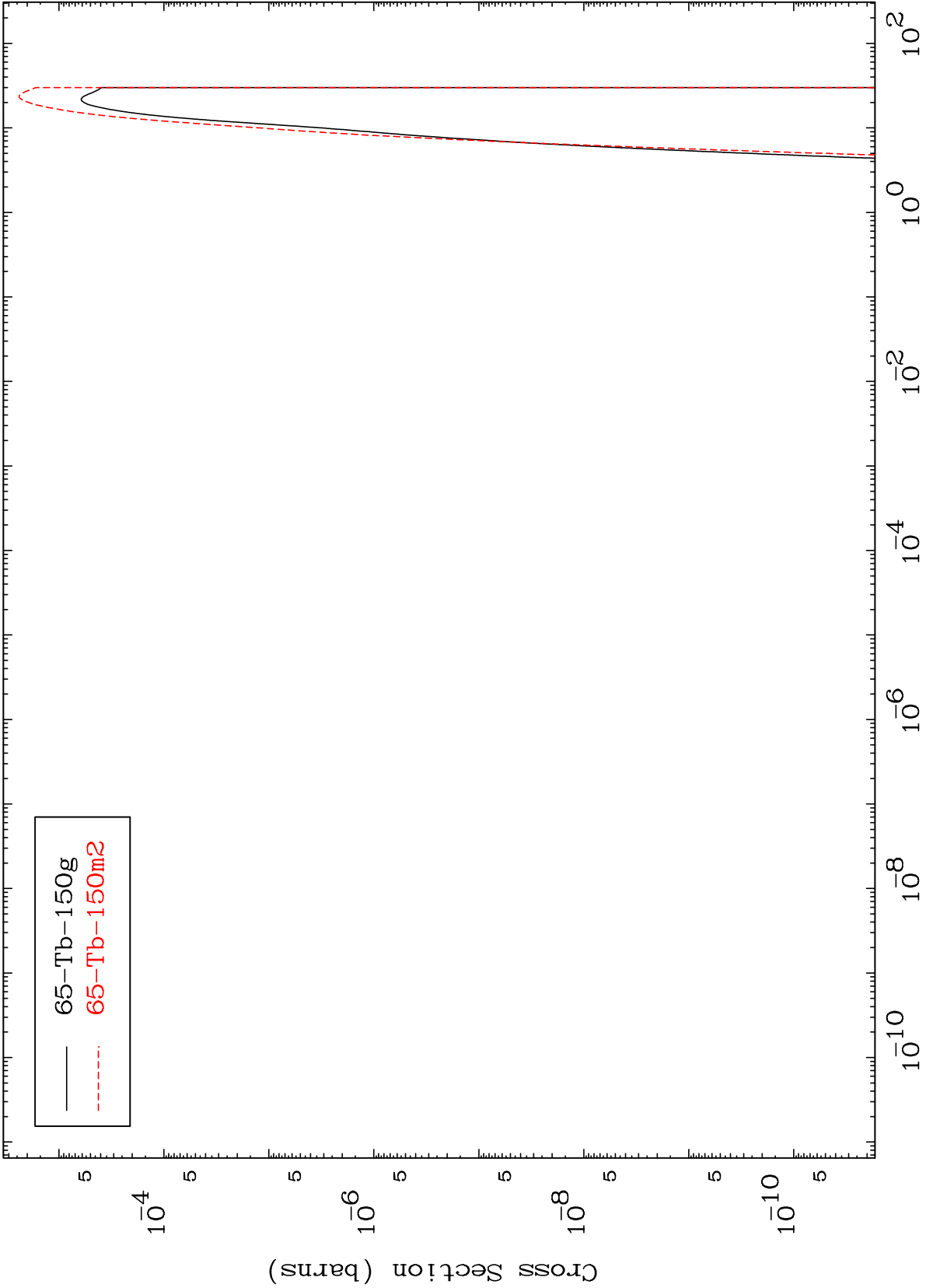
67-Ho-151

MAT 6683

(n,2p)

67-Ho-151

Radionuclide Production Cross Section

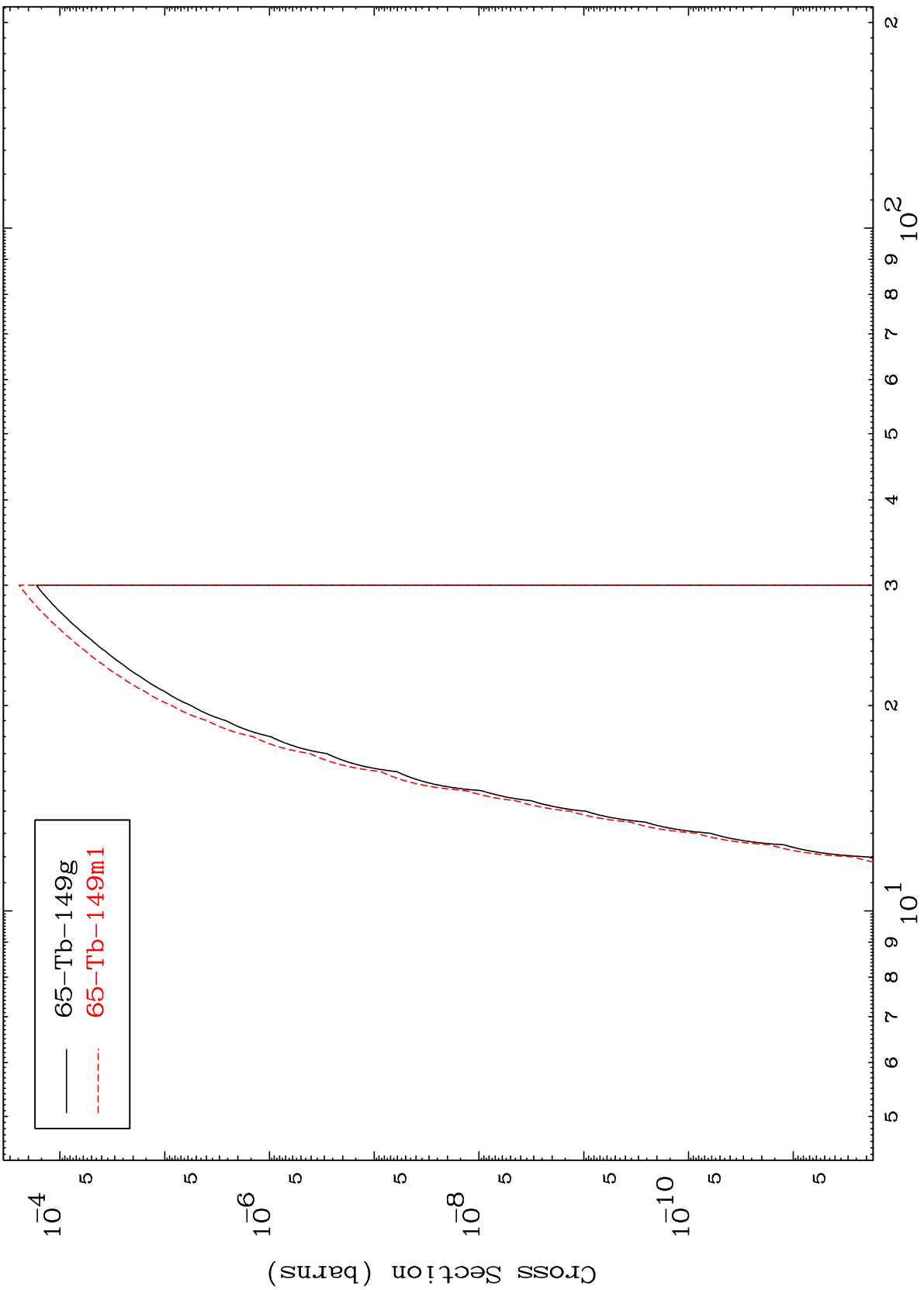


MAT 6683

(n,p) d

67-Ho-151

Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

109

Incident Energy (MeV)

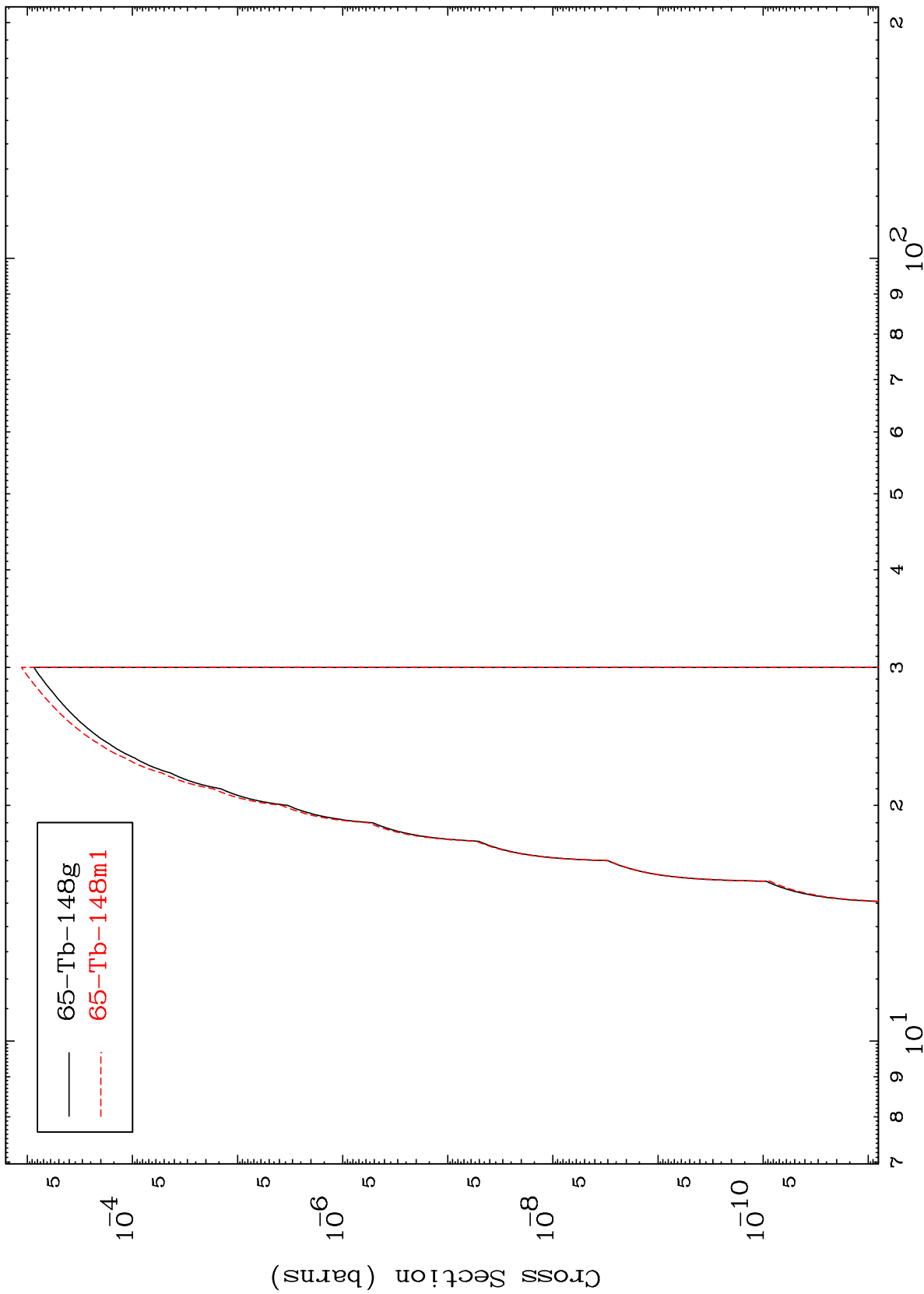
67-Ho-151

MAT 6683

(n,p) t

67-Ho-151

Radionuclide Production Cross Section



110

Incident Energy (MeV)

67-Ho-151