

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

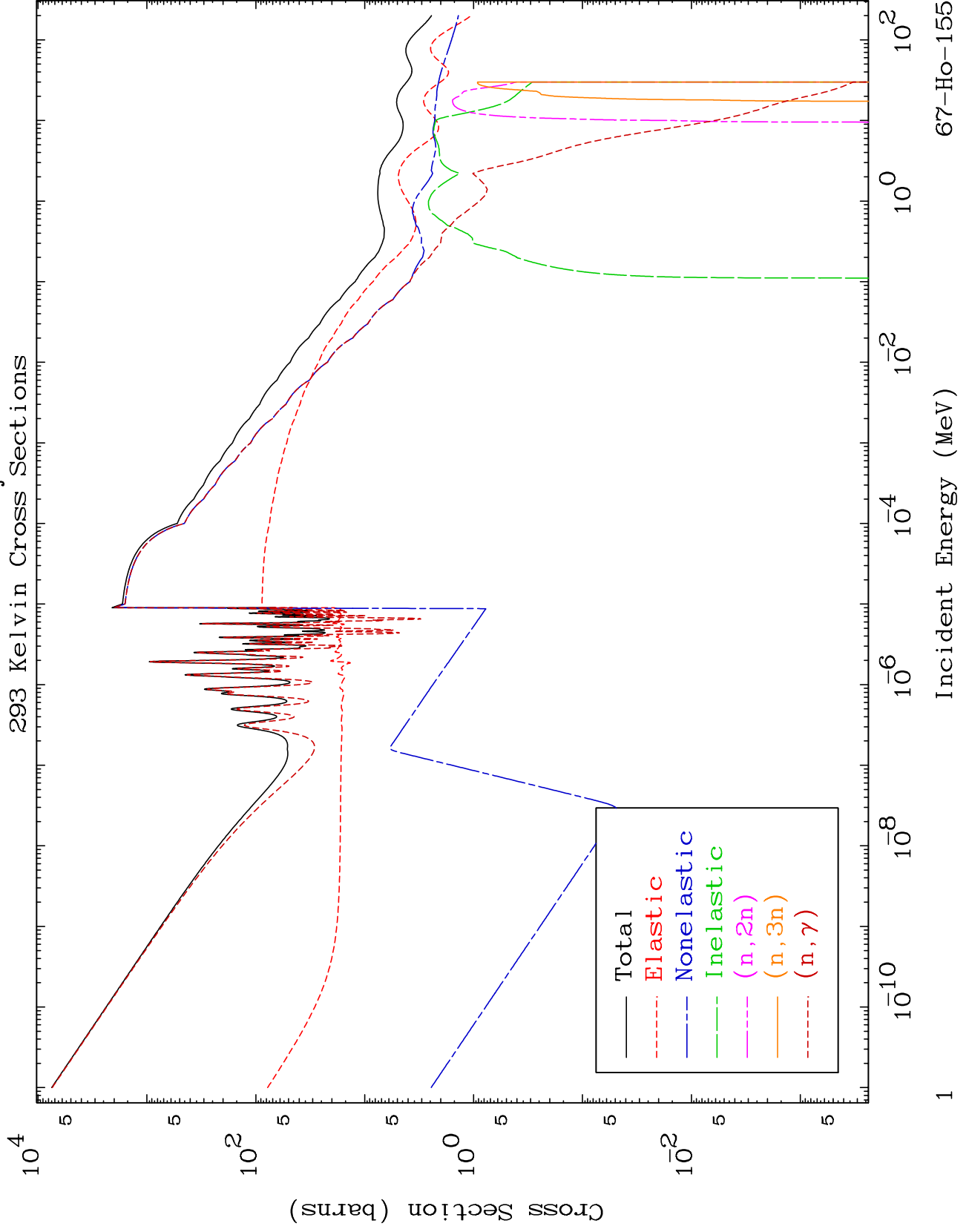
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6695

Neutron Major  
293 Kelvin Cross Sections

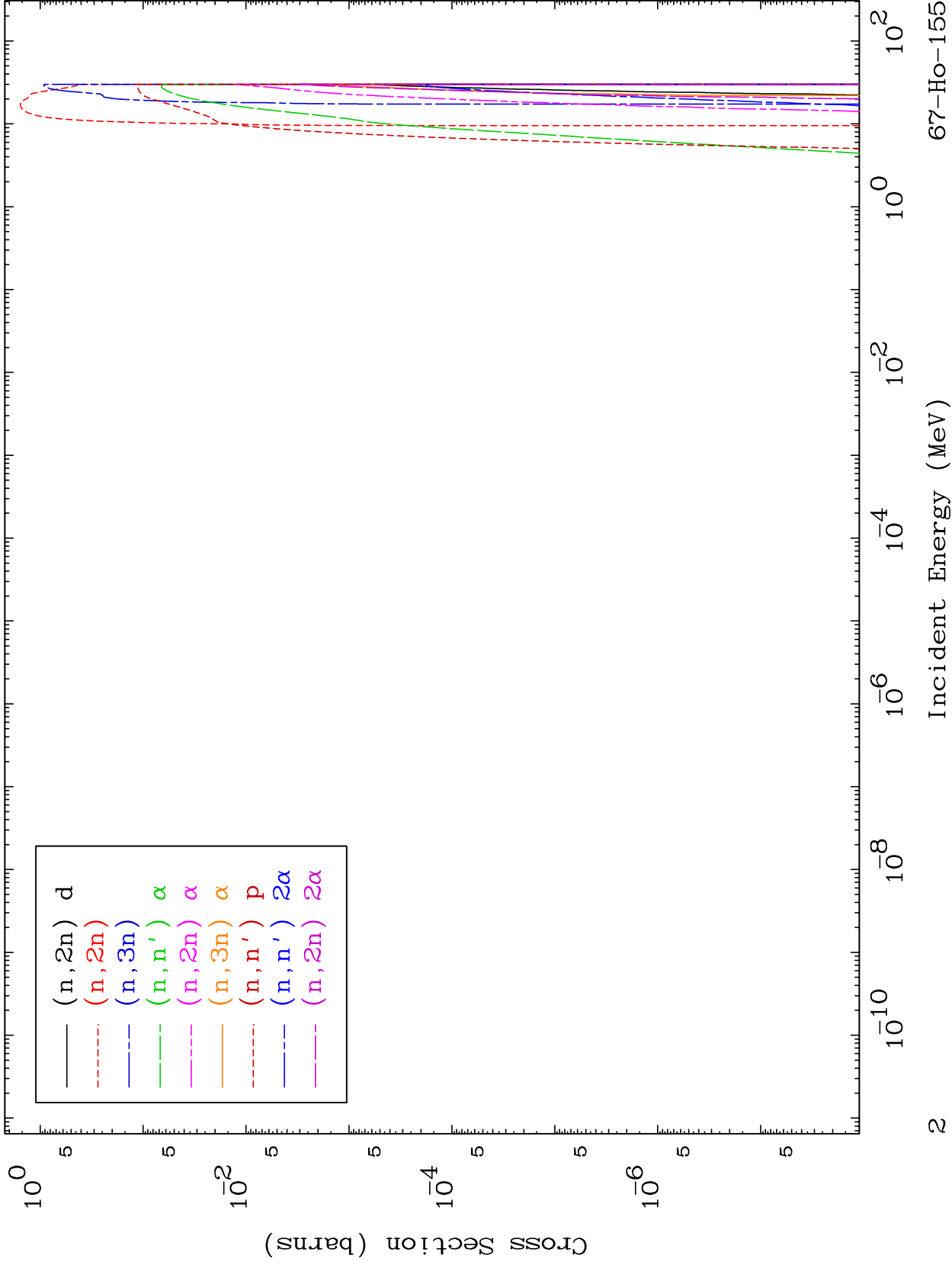
67-Ho-155

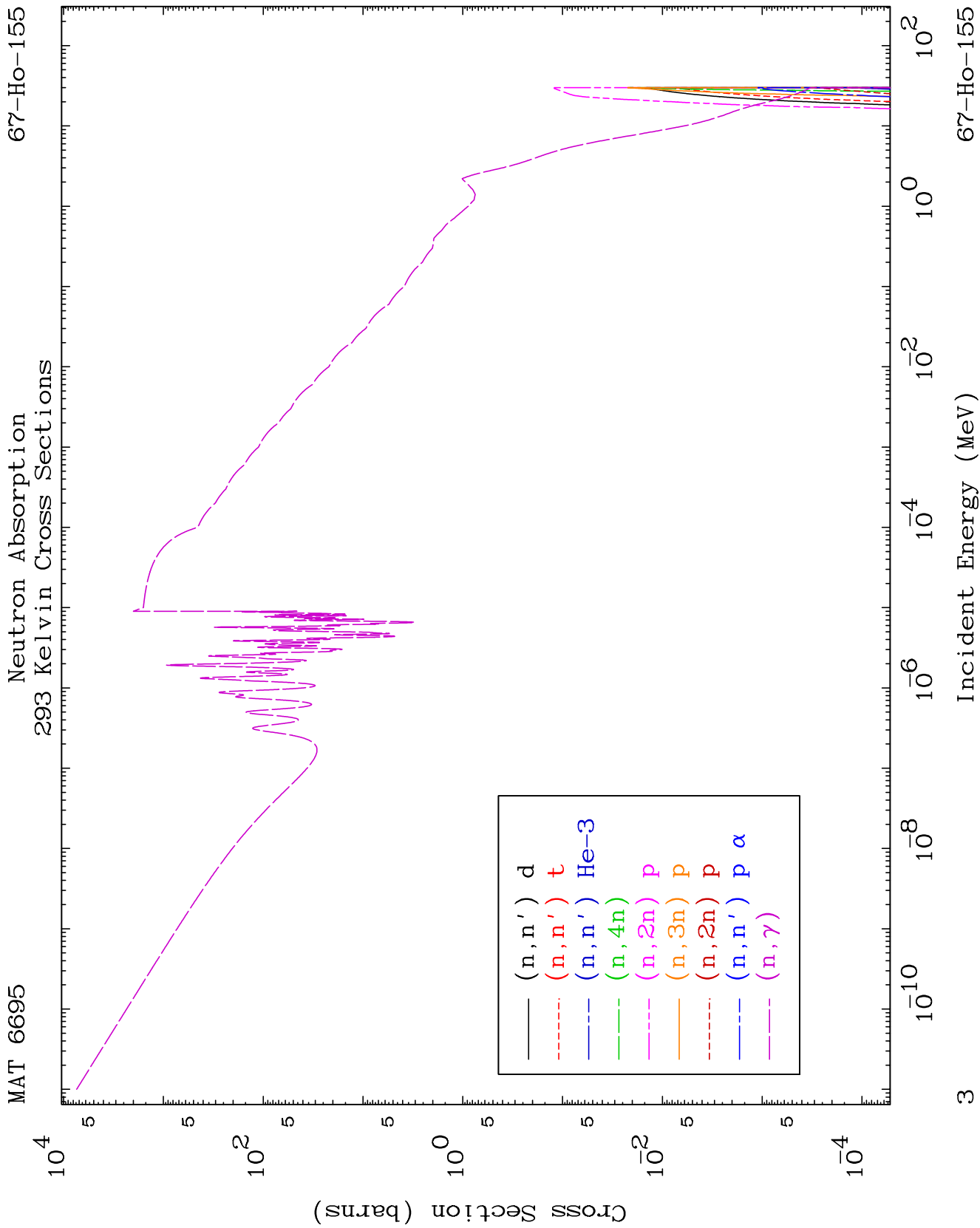


MAT 6695

Neutron Absorption  
293 Kelvin Cross Sections

67-Ho-155

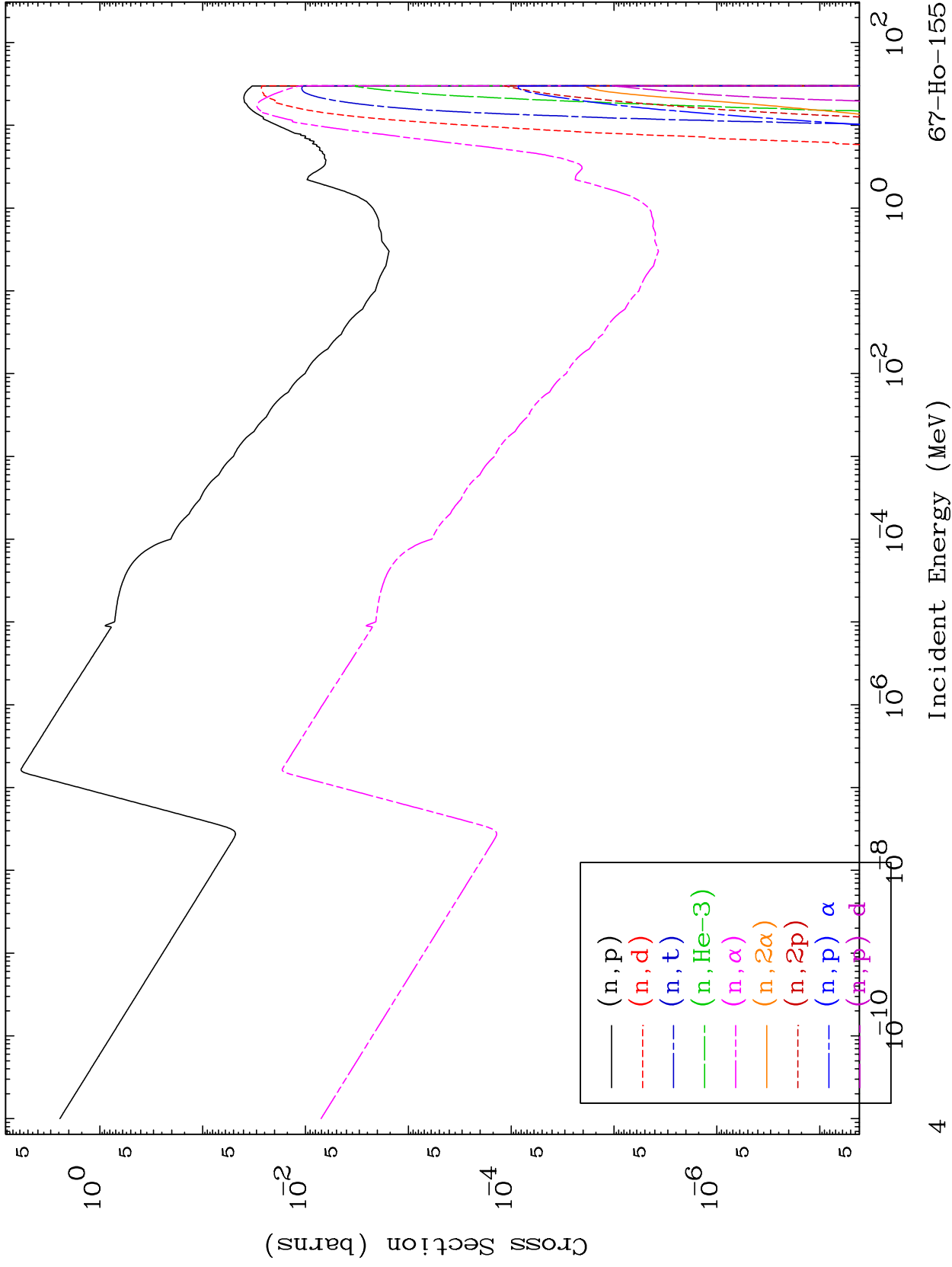




MAT 6695

Neutron Absorption  
293 Kelvin Cross Sections

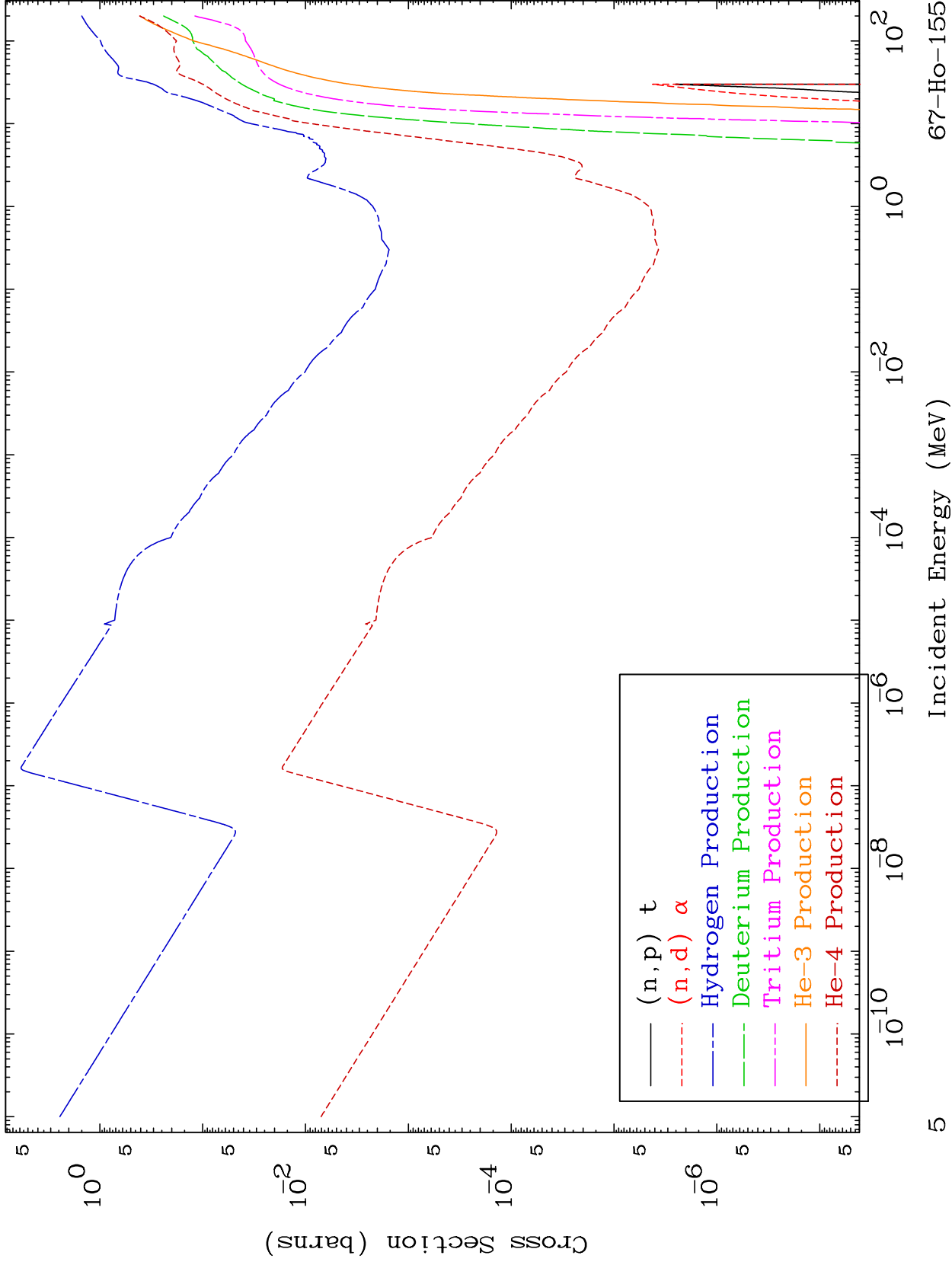
67-Ho-155



MAT 6695

Neutron Absorption  
293 Kelvin Cross Sections

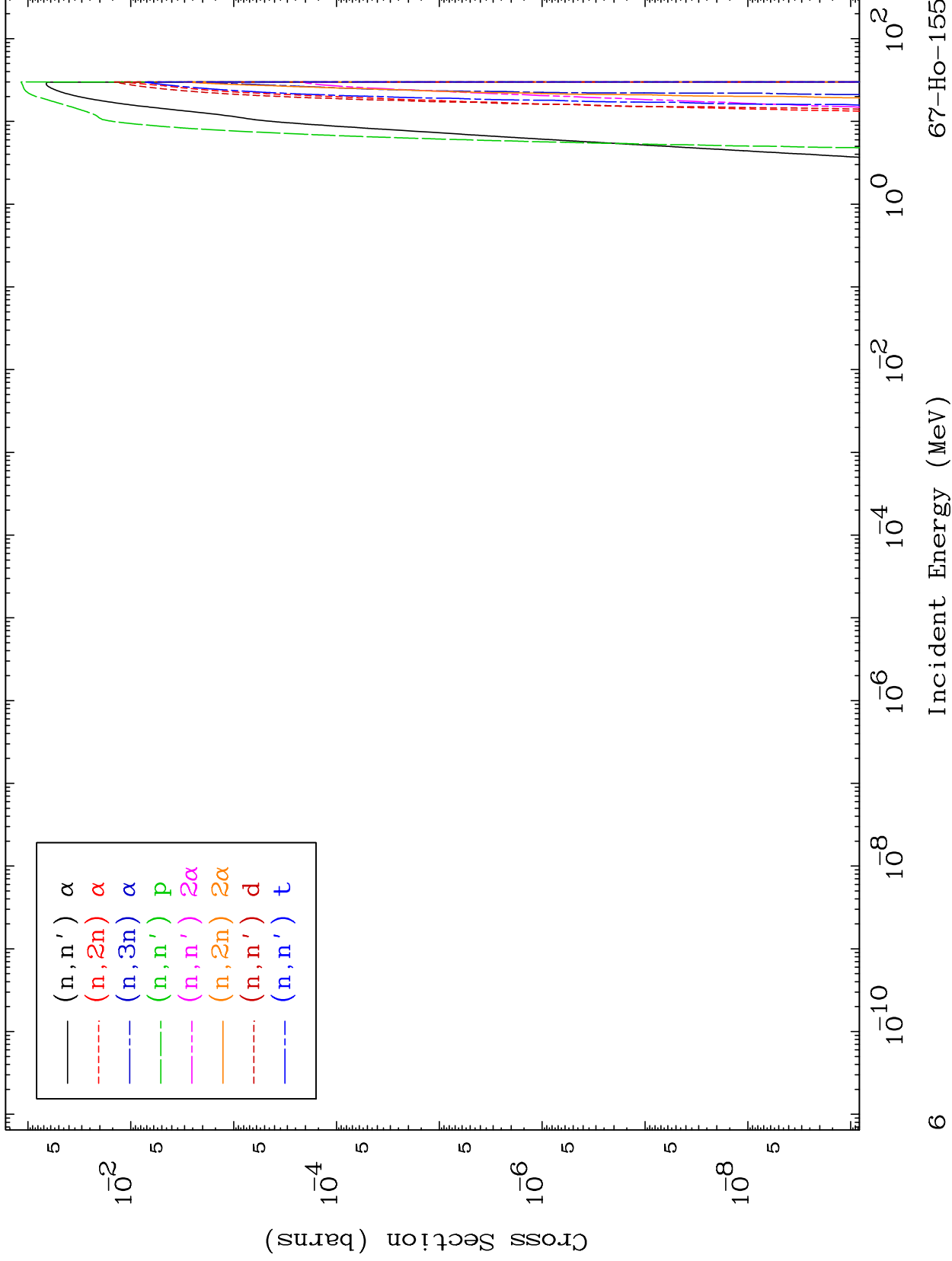
67-Ho-155



MAT 6695

Charged Particle  
293 Kelvin Cross Sections

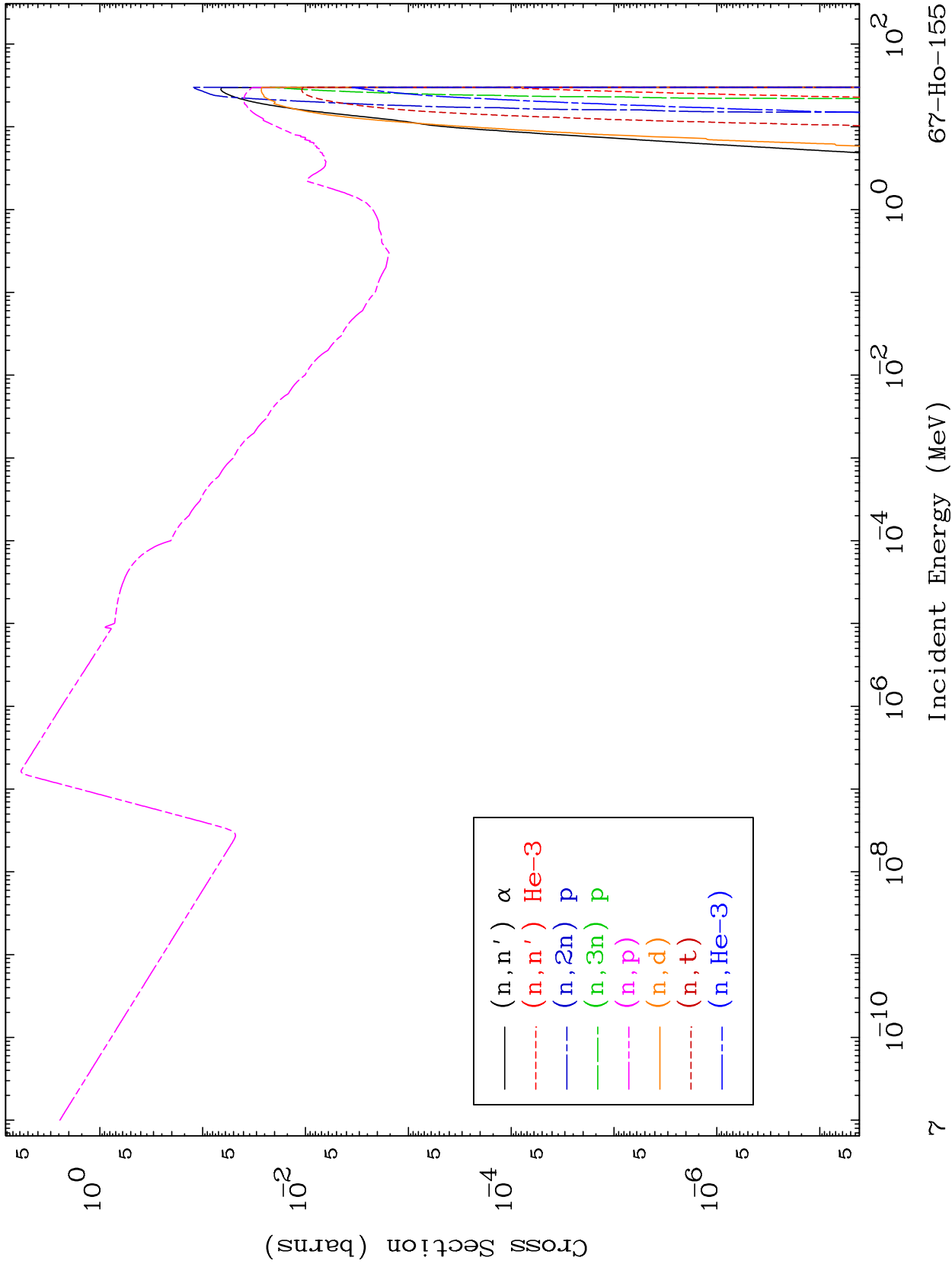
67-Ho-155



MAT 6695

Charged Particle  
293 Kelvin Cross Sections

67-Ho-155

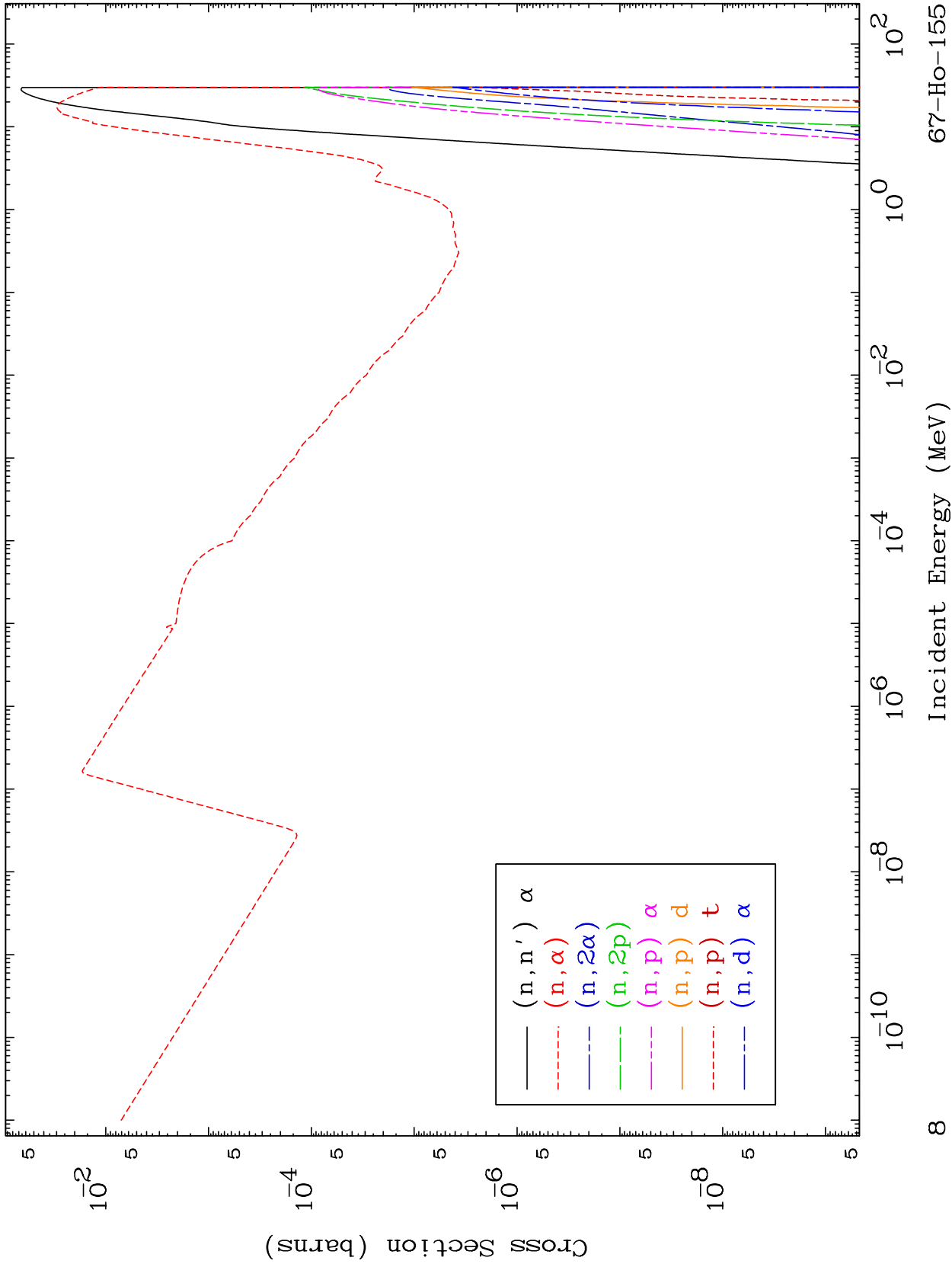




MAT 6695

Charged Particle  
293 Kelvin Cross Sections

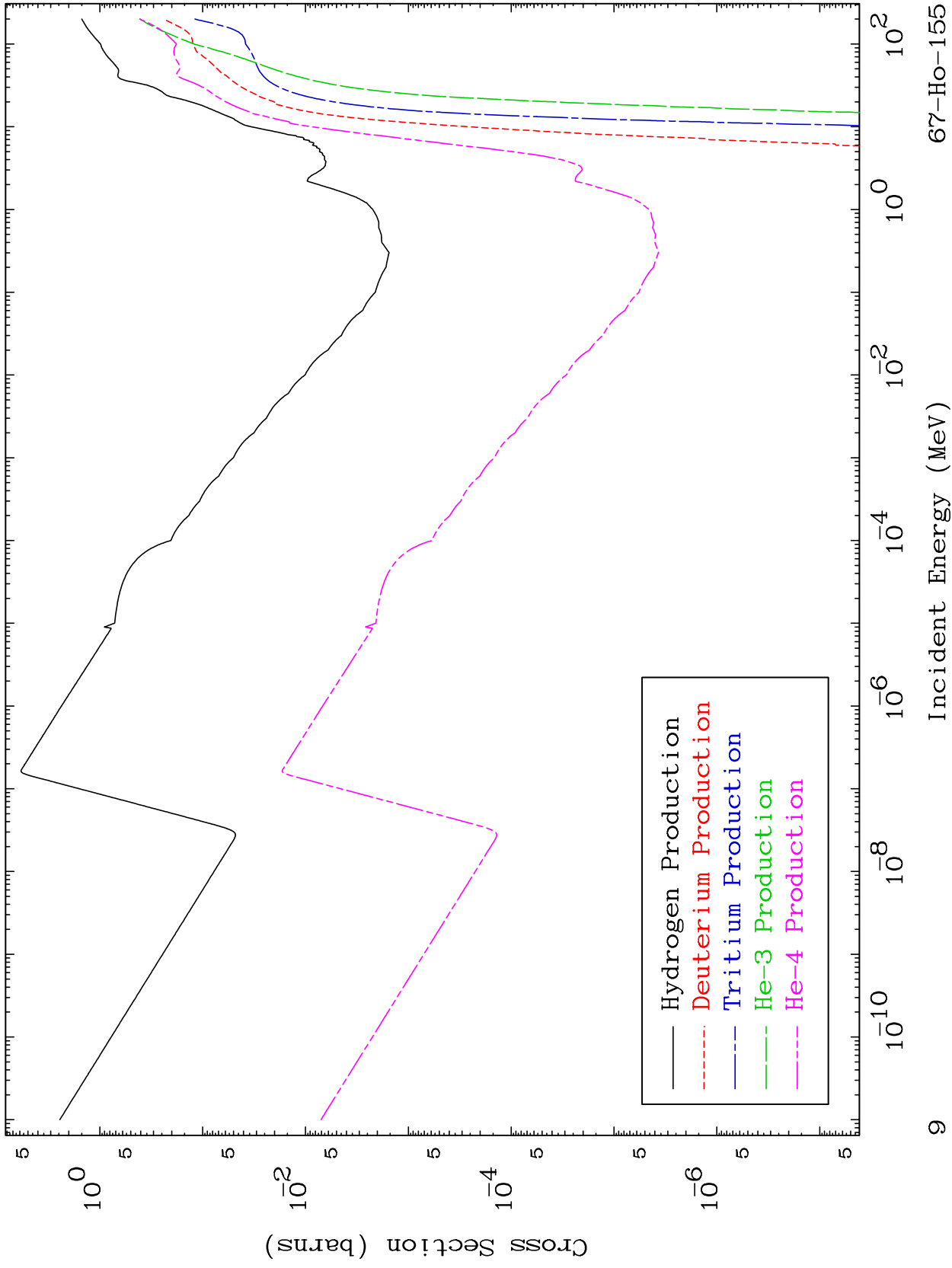
67-Ho-155



MAT 6695

Particle Production  
293 Kelvin Cross Sections

67-Ho-155

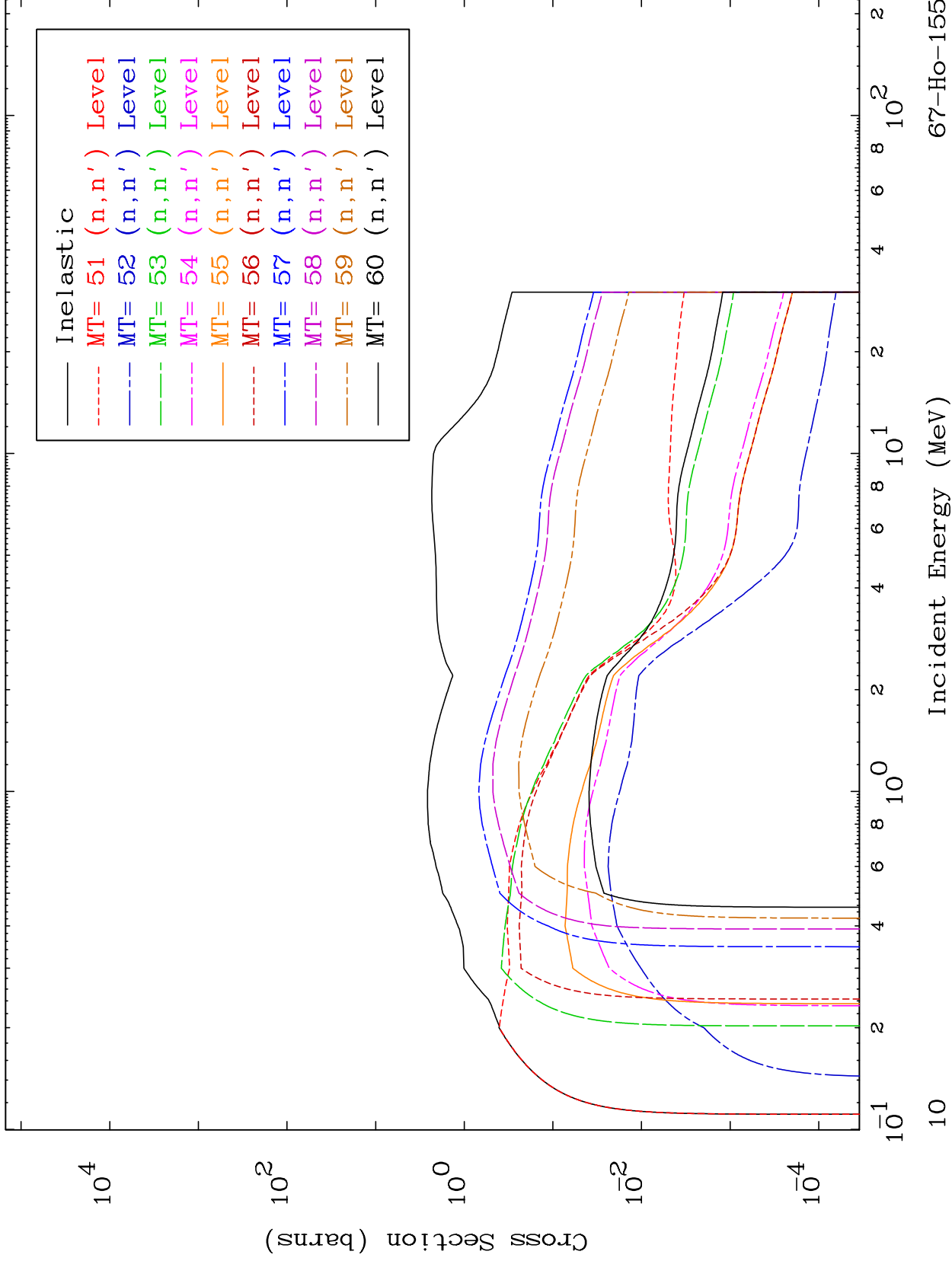


MAT 6695

(n,n') Levels

67-Ho-155

293 Kelvin Cross Sections



Incident Energy (MeV)

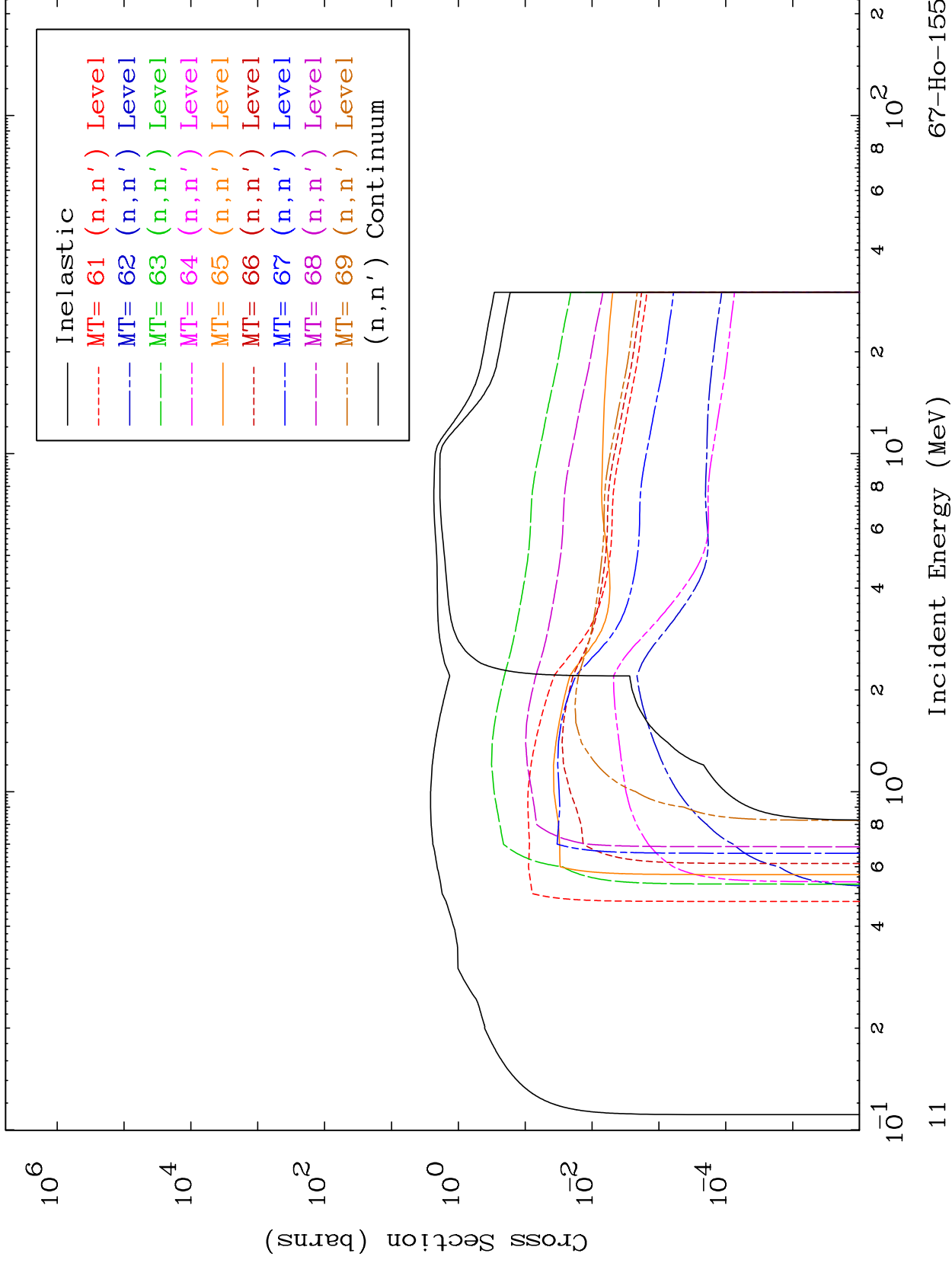
67-Ho-155

MAT 6695

(n,n') Levels

293 Kelvin Cross Sections

67-Ho-155



11

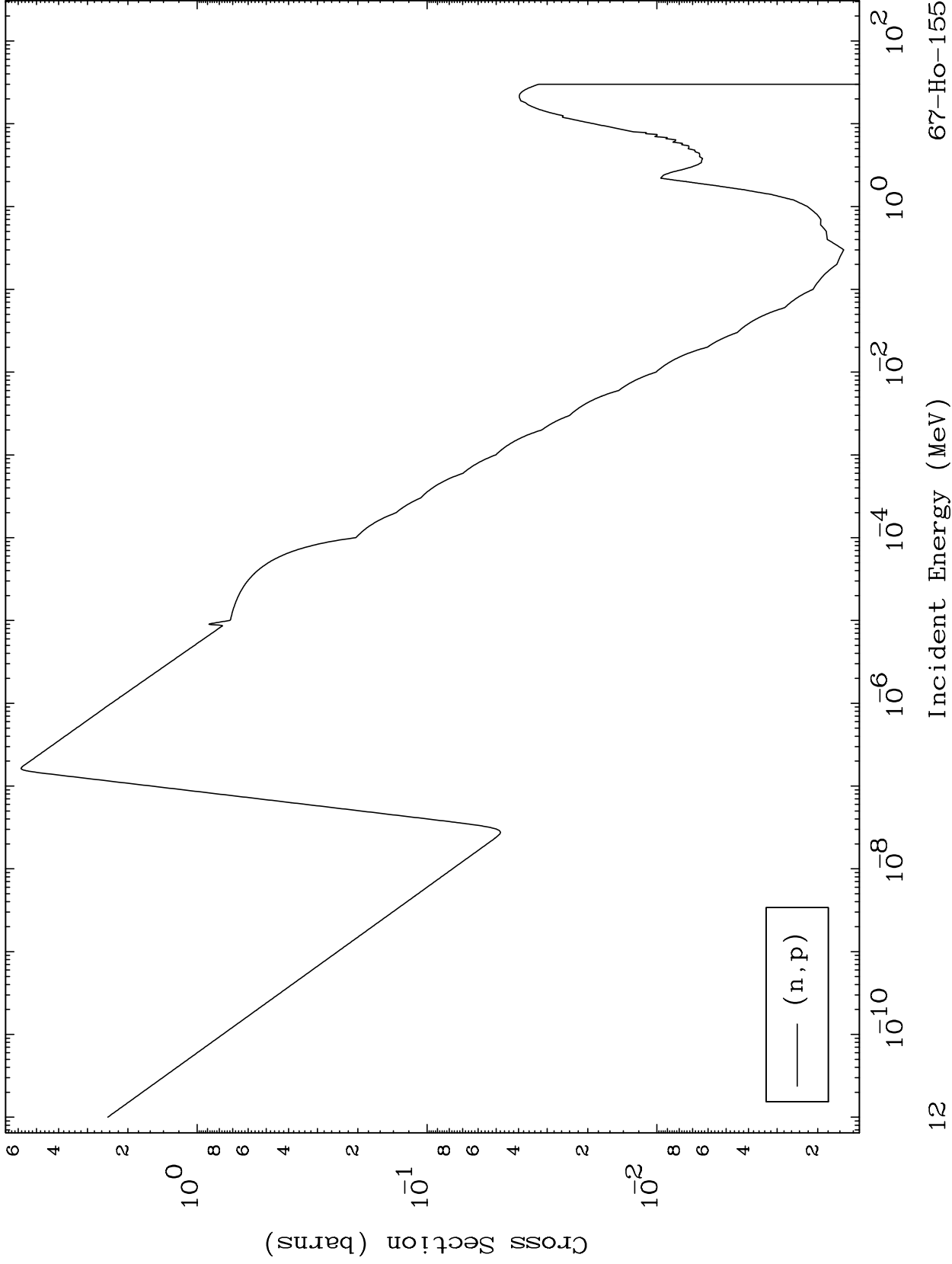
Incident Energy (MeV)

67-Ho-155

MAT 6695

(n,p) Levels  
293 Kelvin Cross Sections

67-Ho-155



12

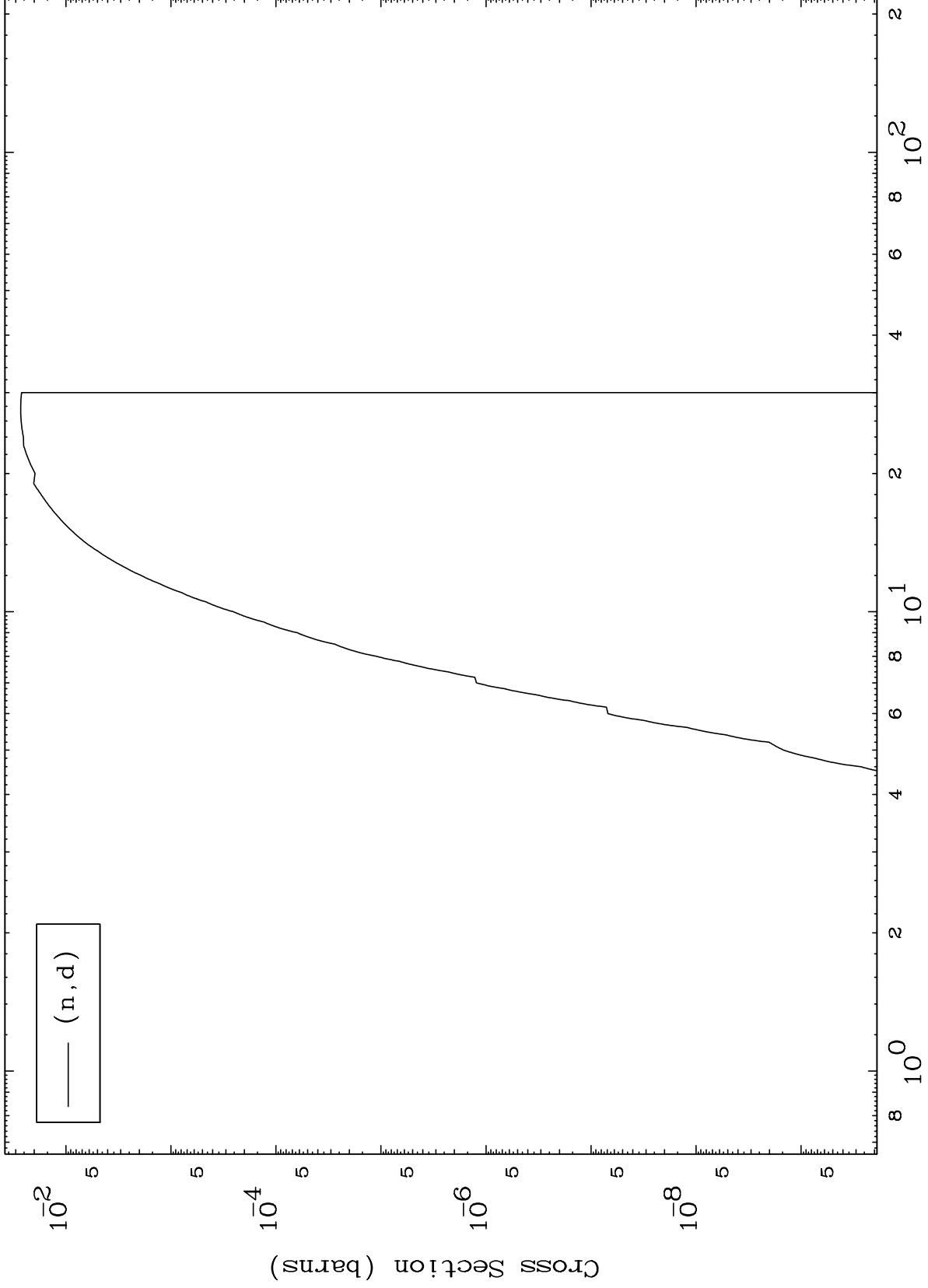
Incident Energy (MeV)

67-Ho-155

MAT 6695

(n,d) Levels  
293 Kelvin Cross Sections

67-Ho-155



13

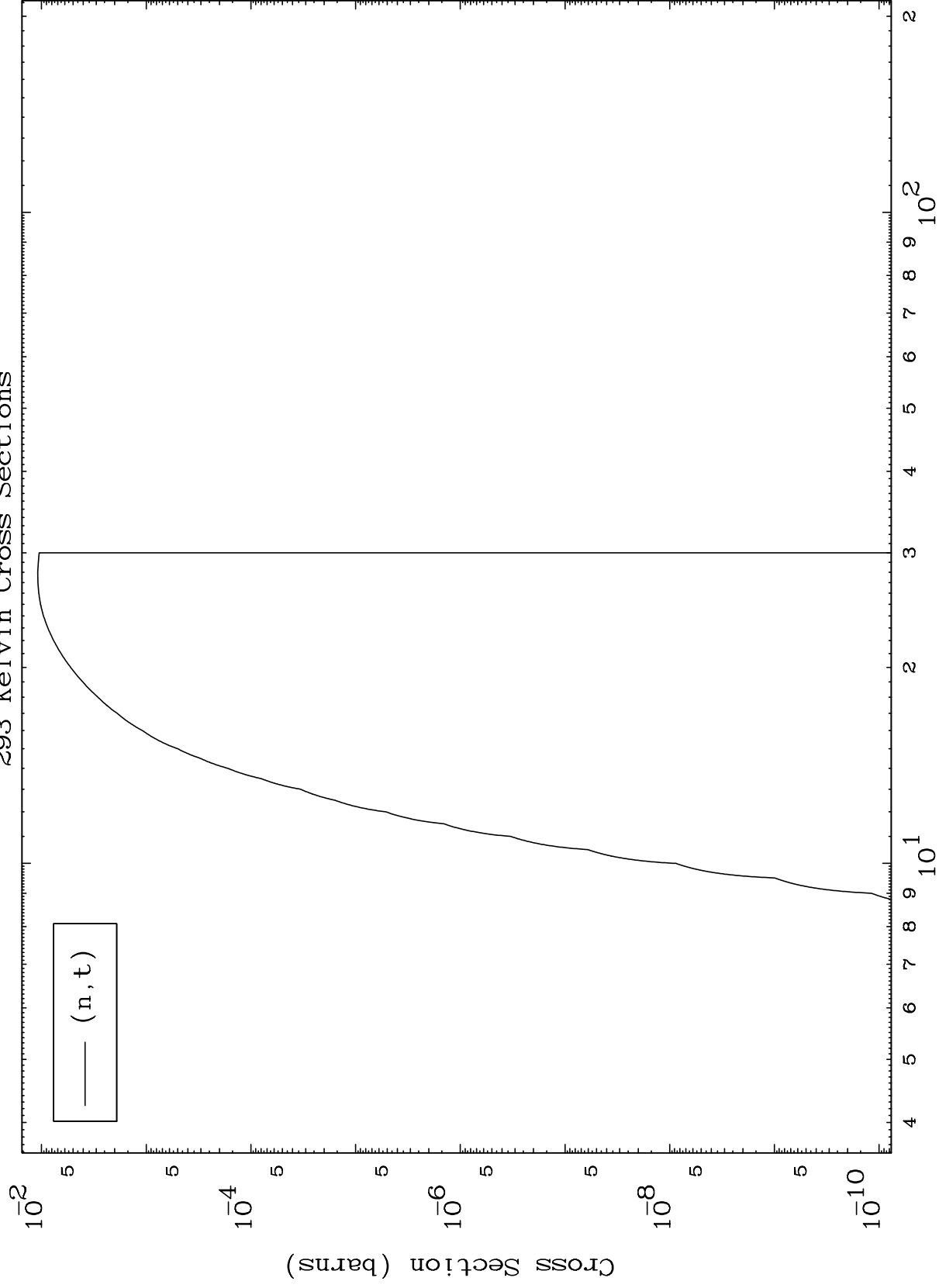
Incident Energy (MeV)

67-Ho-155

MAT 6695

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-155



14

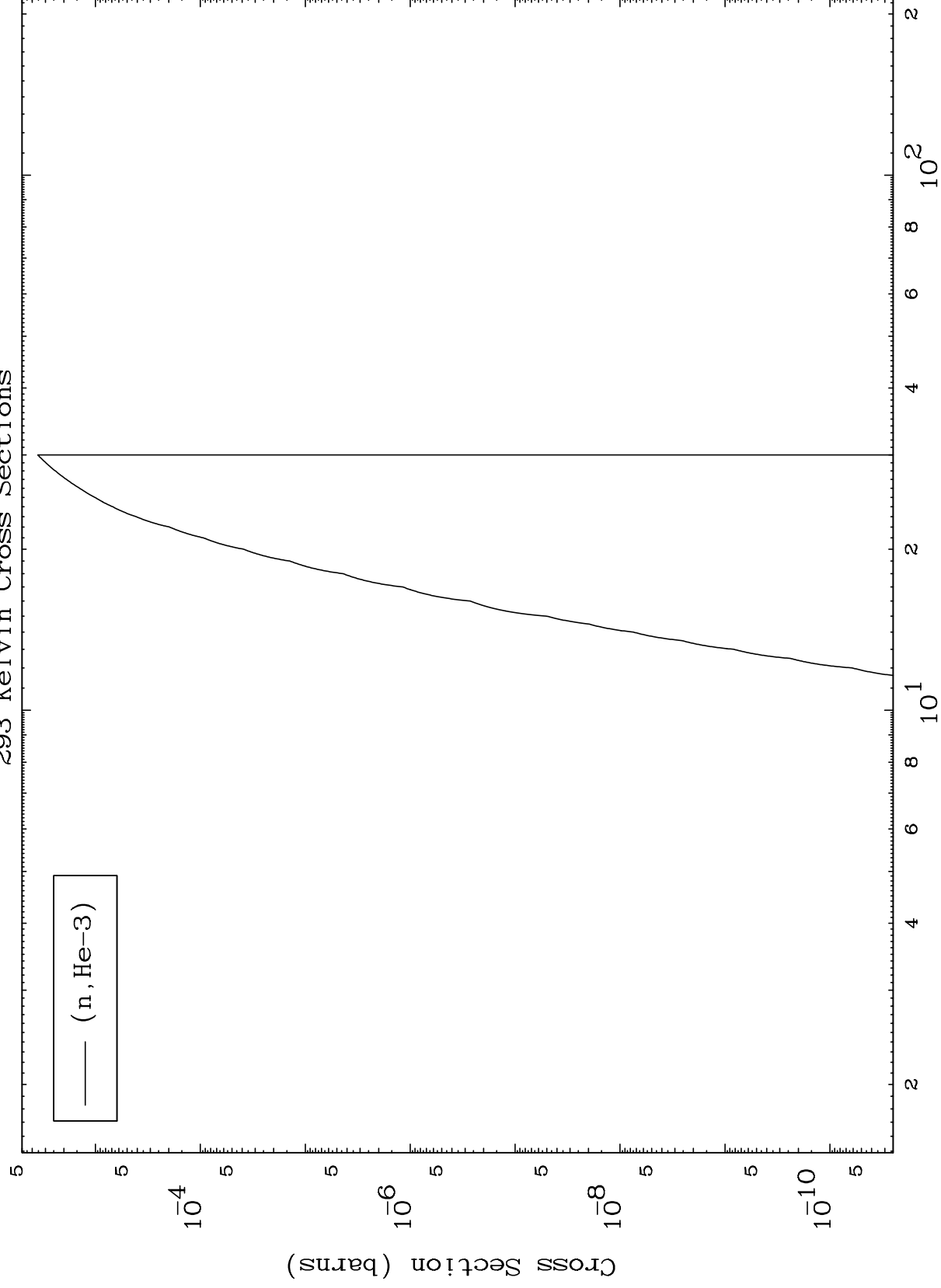
Incident Energy (MeV)

67-Ho-155

MAT 6695

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-155



15

Incident Energy (MeV)

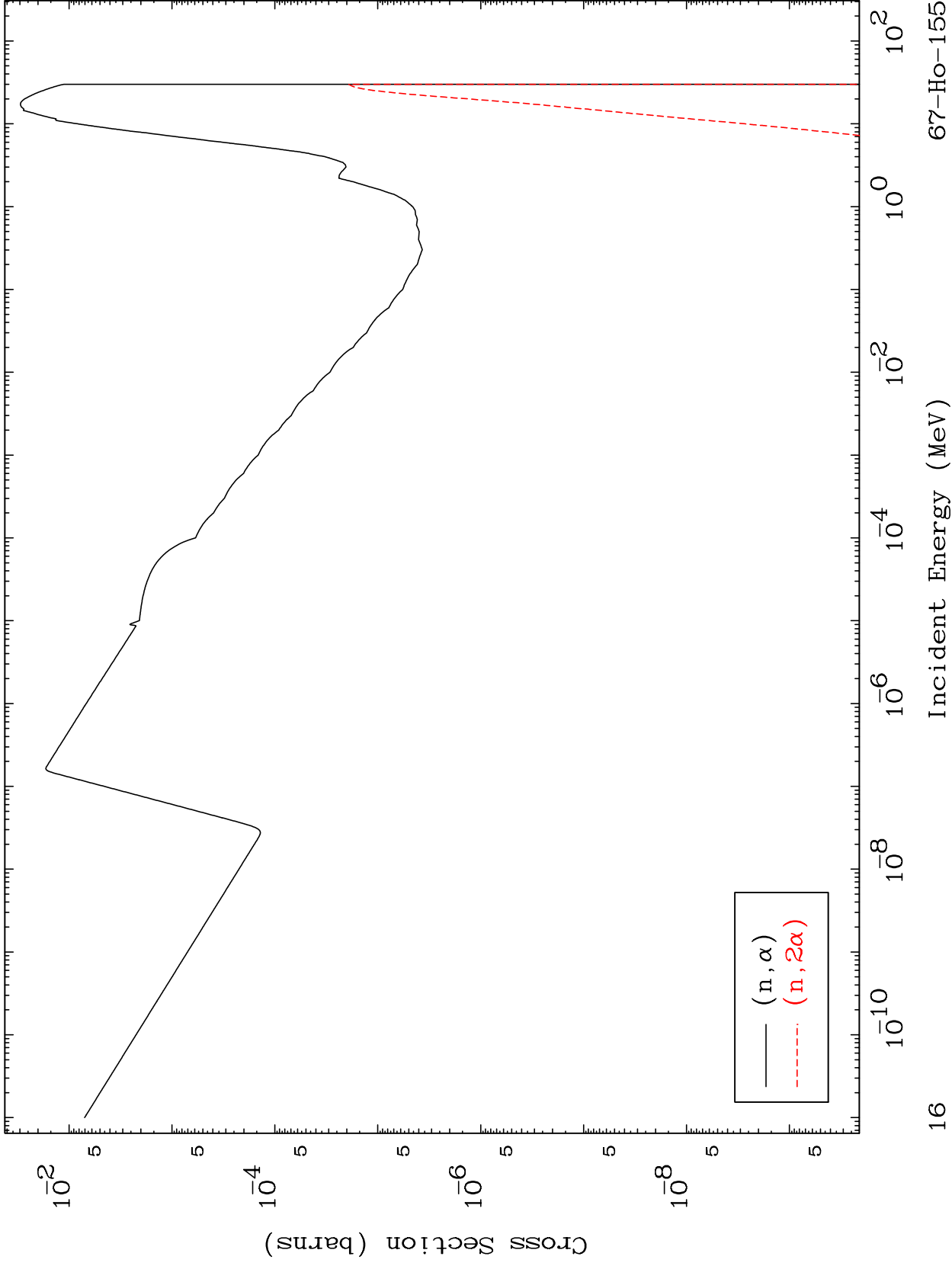
67-Ho-155



MAT 6695

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

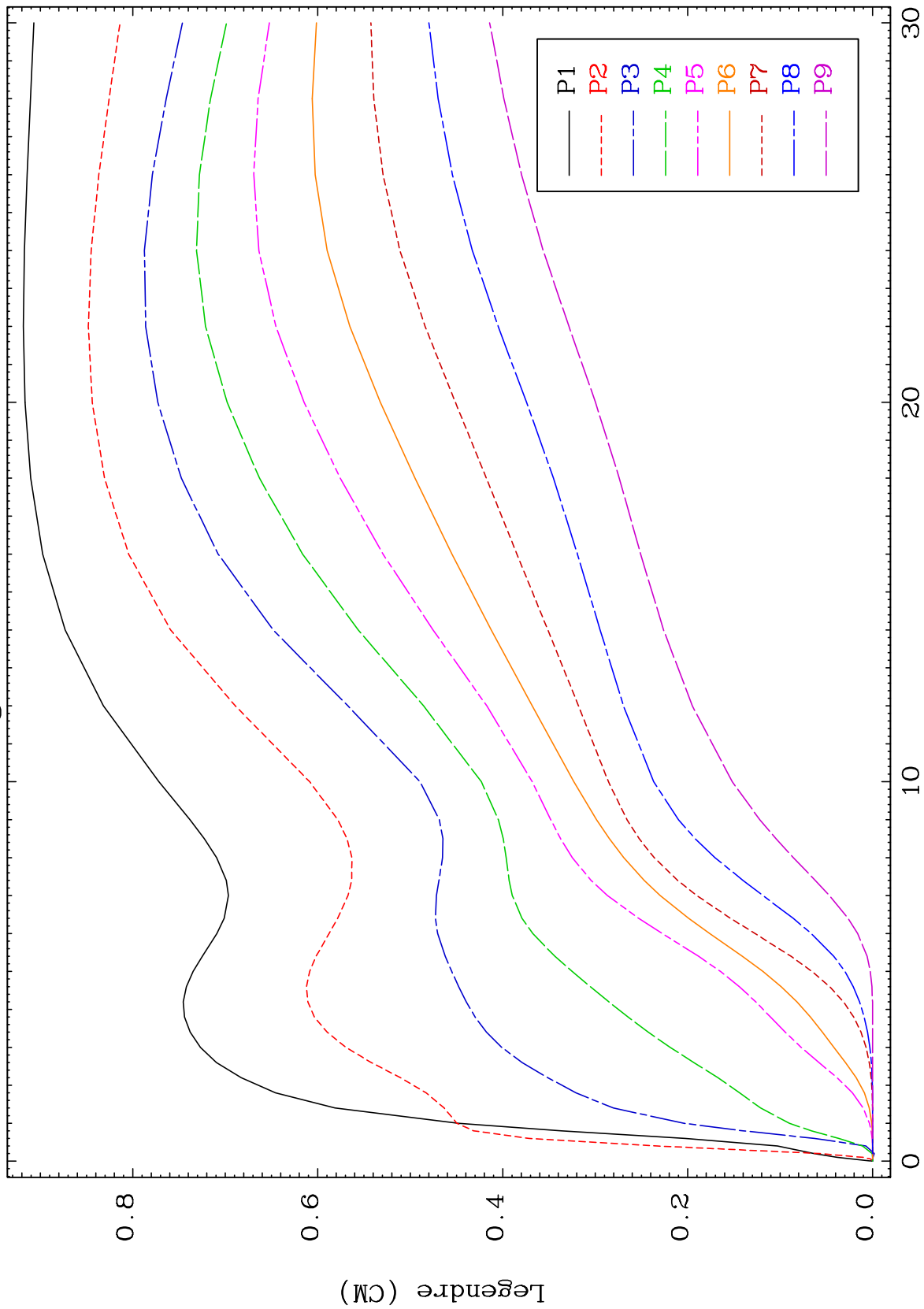
67-Ho-155



MAT 6695

Elastic Legendre Coefficients

67-Ho-155



17

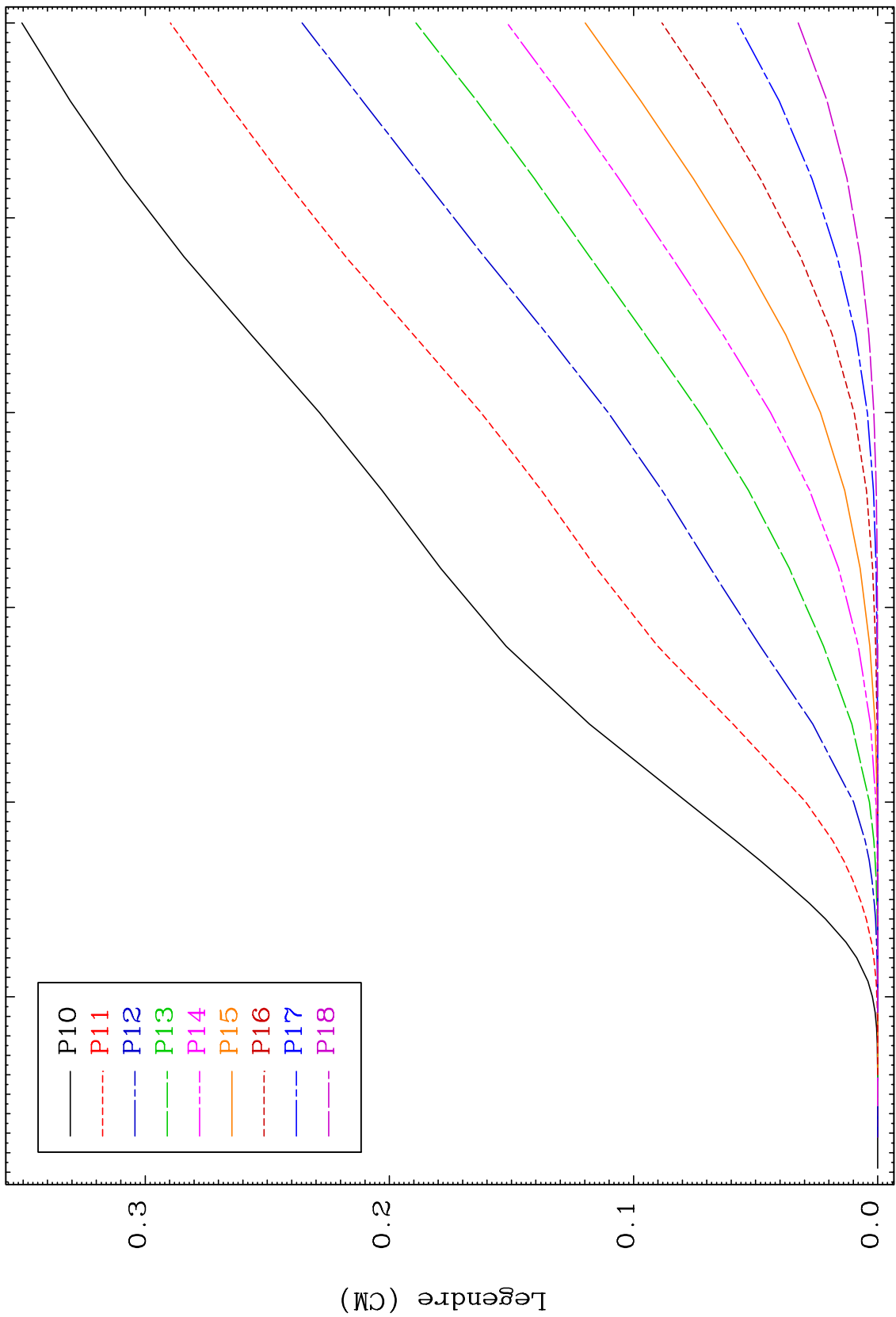
Incident Energy (MeV)

67-Ho-155

MAT 6695

Elastic Legendre Coefficients

67-Ho-155



18

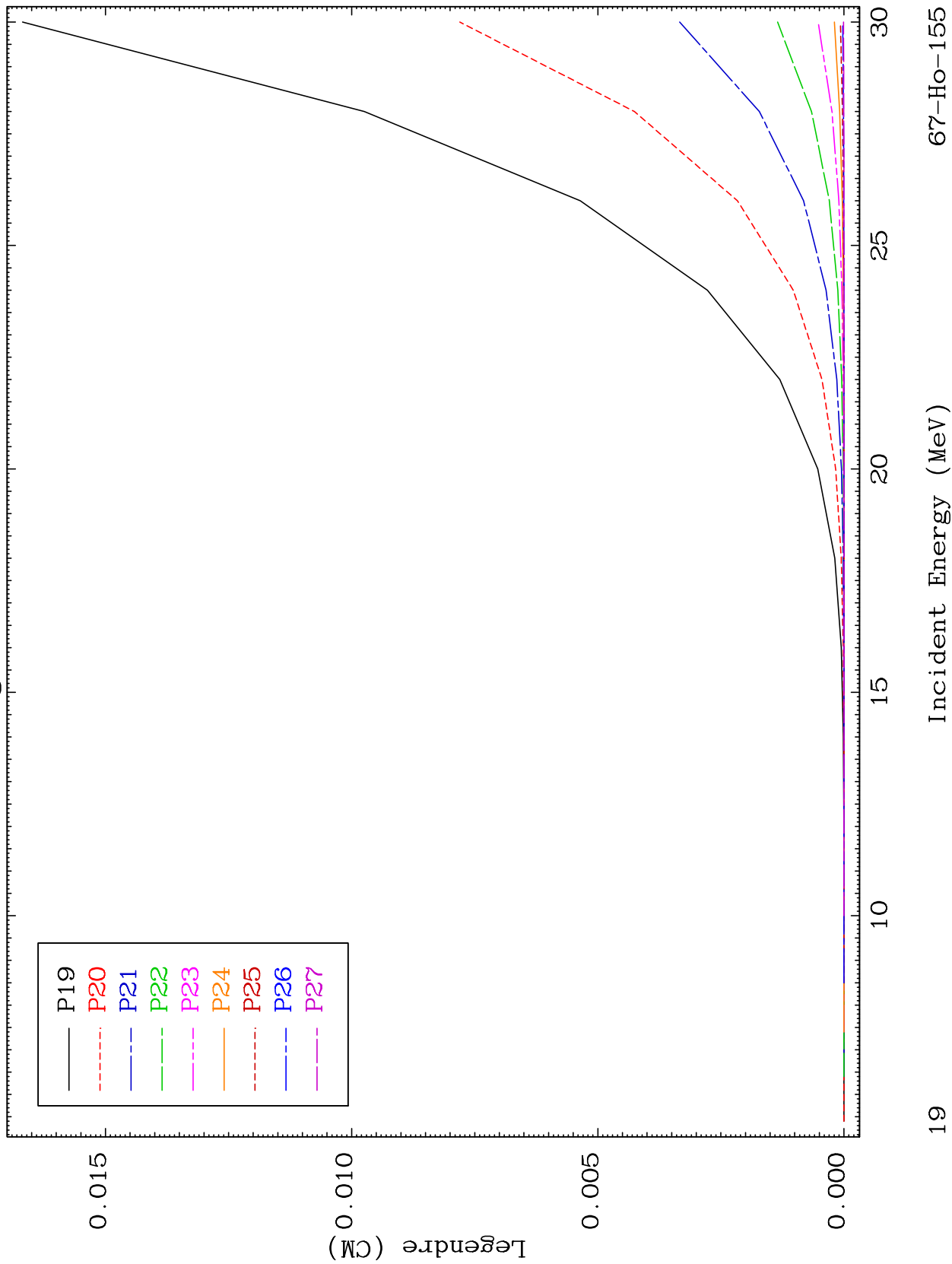
Incident Energy (MeV)

67-Ho-155

MAT 6695

### Elastic Legendre Coefficients

67-Ho-155



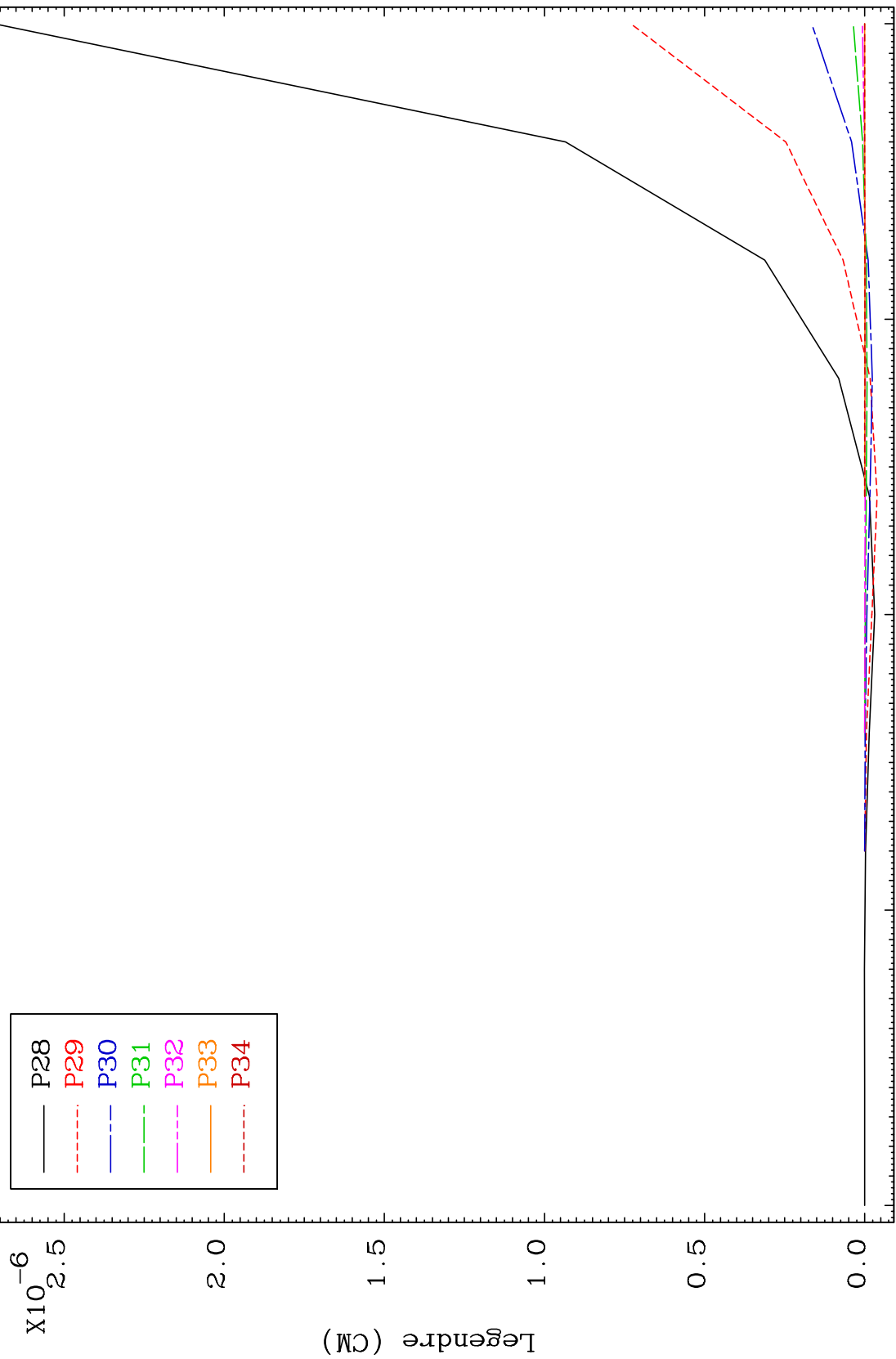
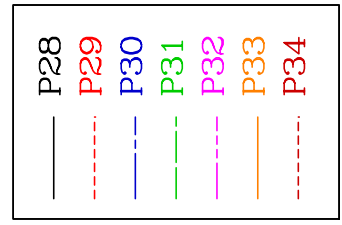
19

67-Ho-155

MAT 6695

Elastic Legendre Coefficients

67-Ho-155



67-Ho-155

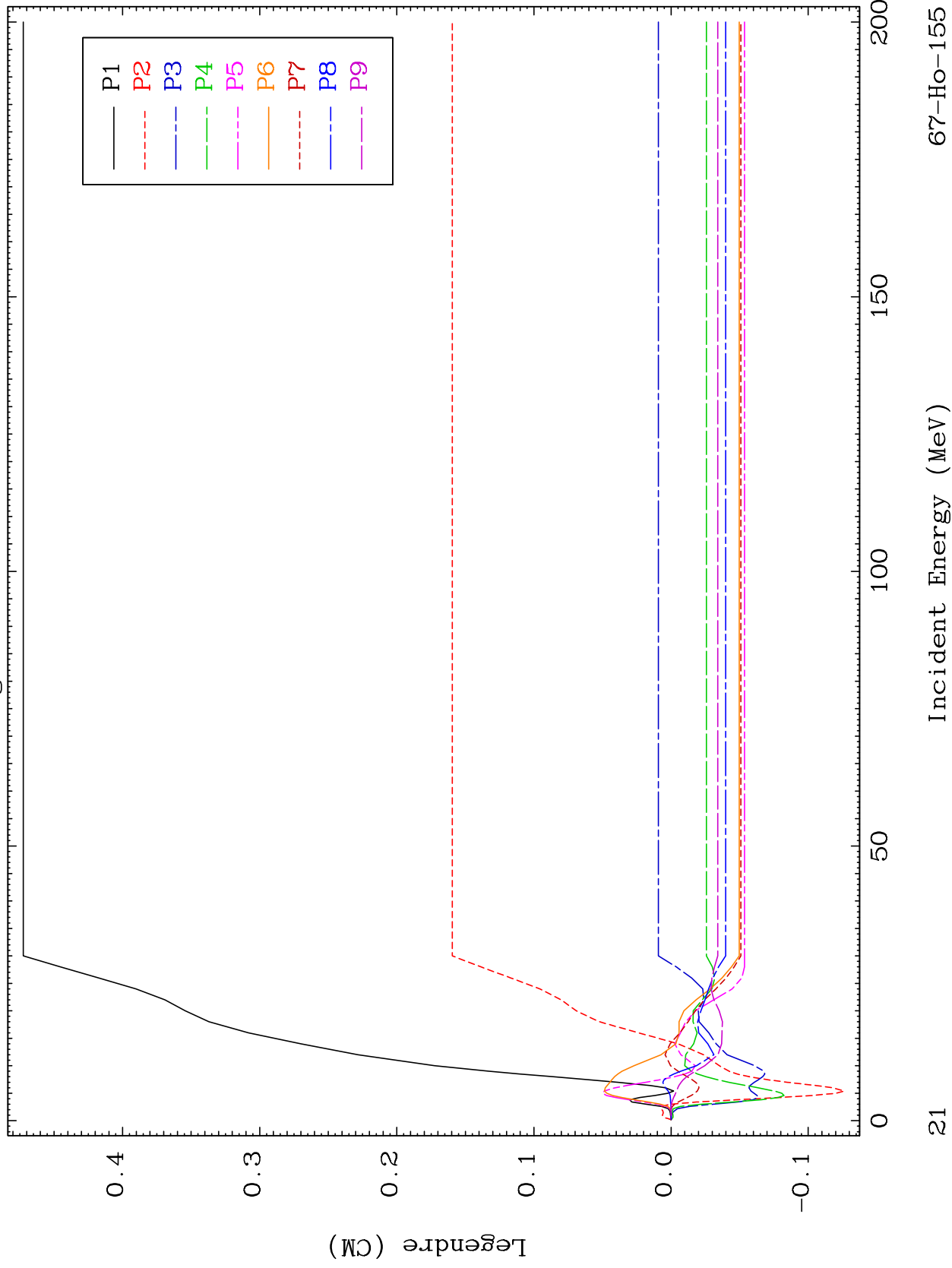
Incident Energy (MeV)

20

MAT 6695

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

67-Ho-155



67-Ho-155

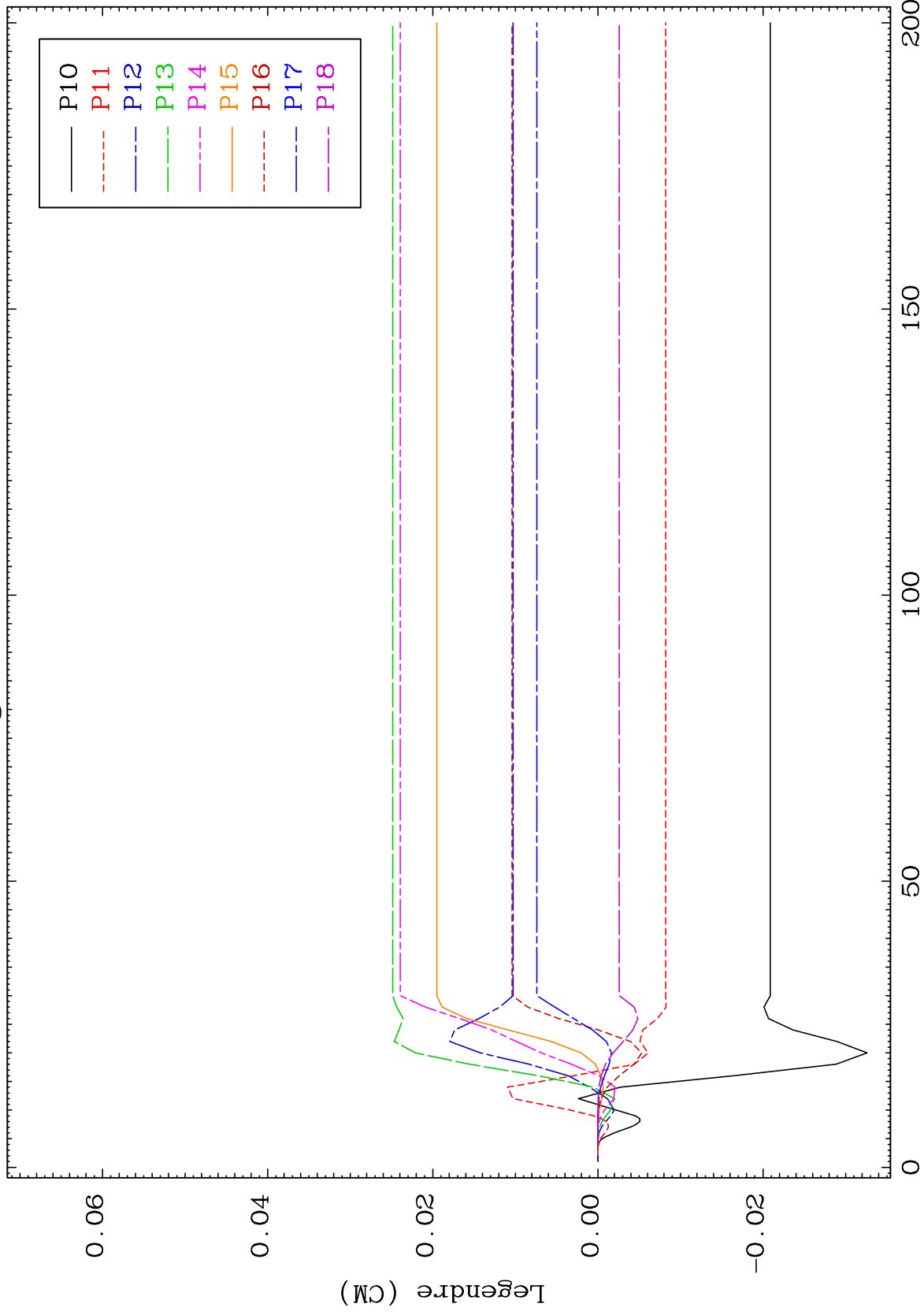
Incident Energy (MeV)

21

MAT 6695

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

67-Ho-155



22

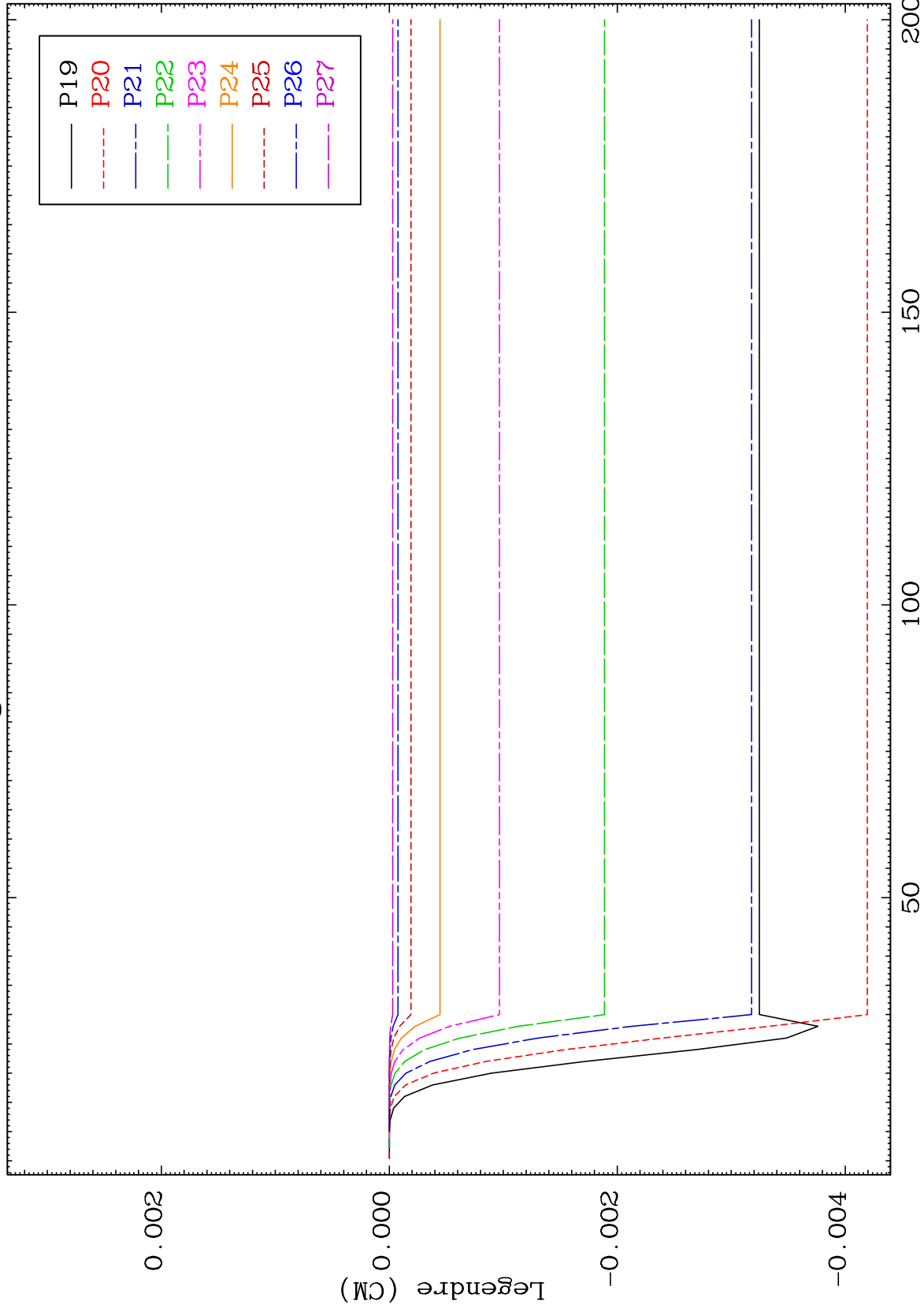
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155

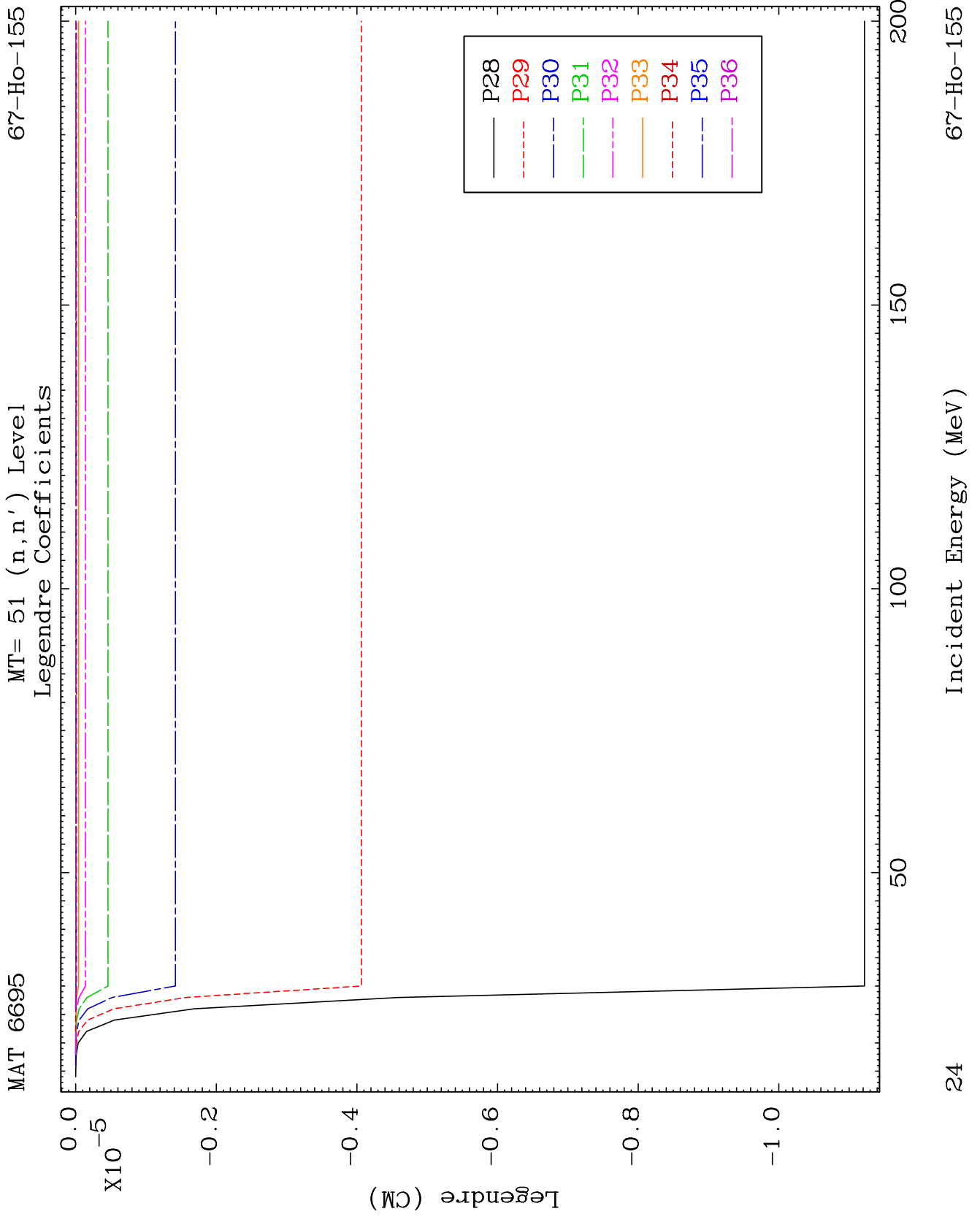


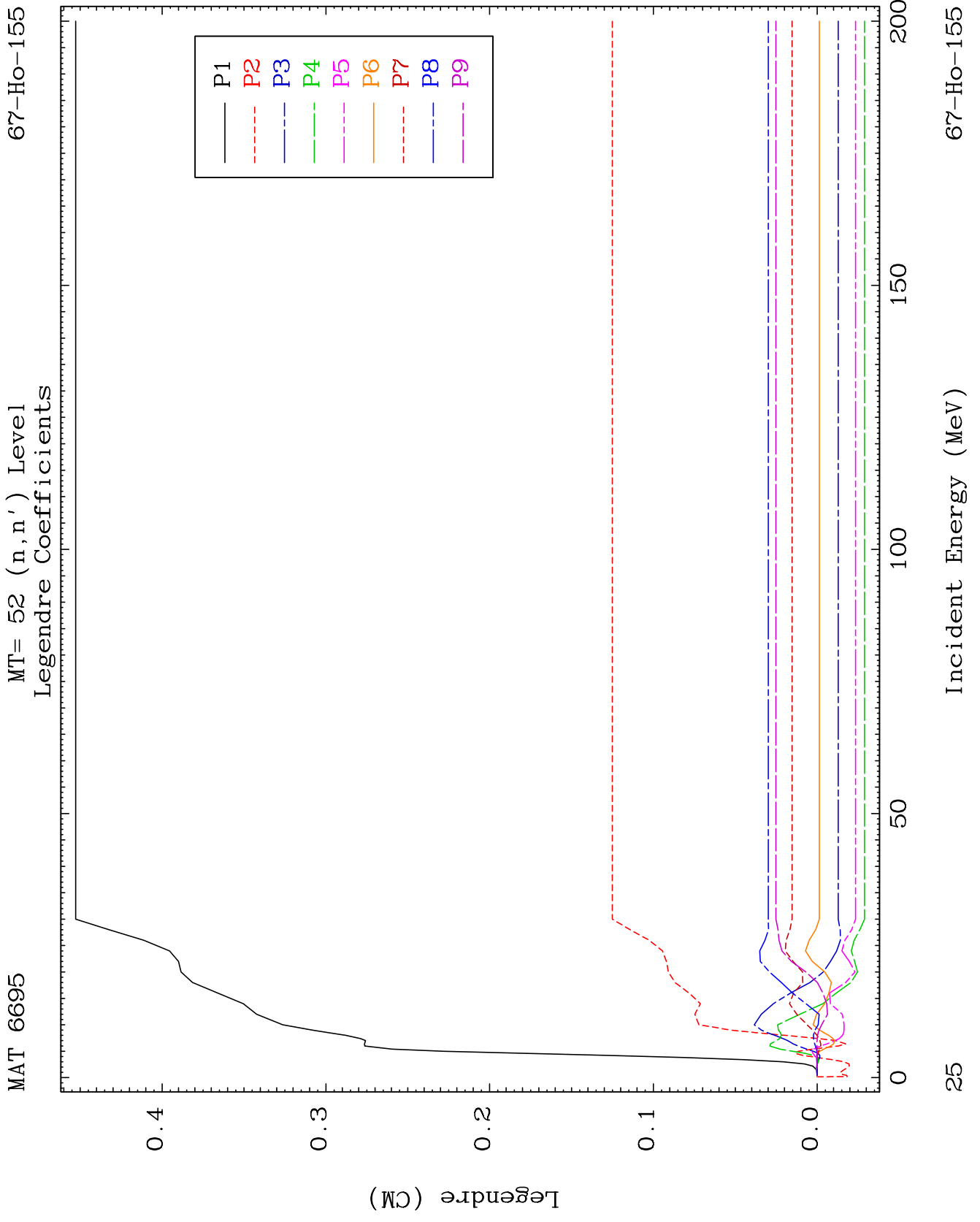
23

Incident Energy (MeV)

67-Ho-155



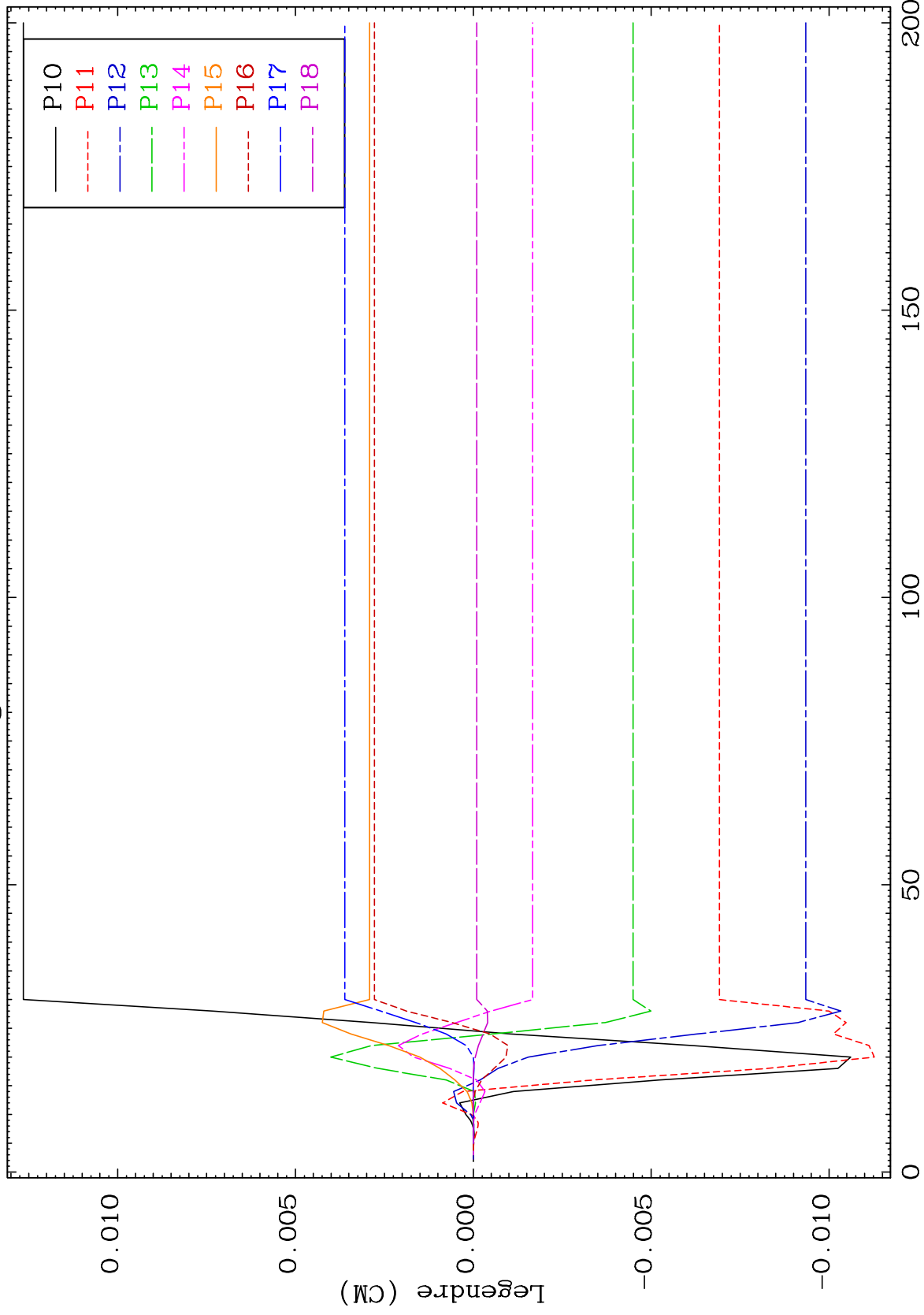




MAT 6695

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

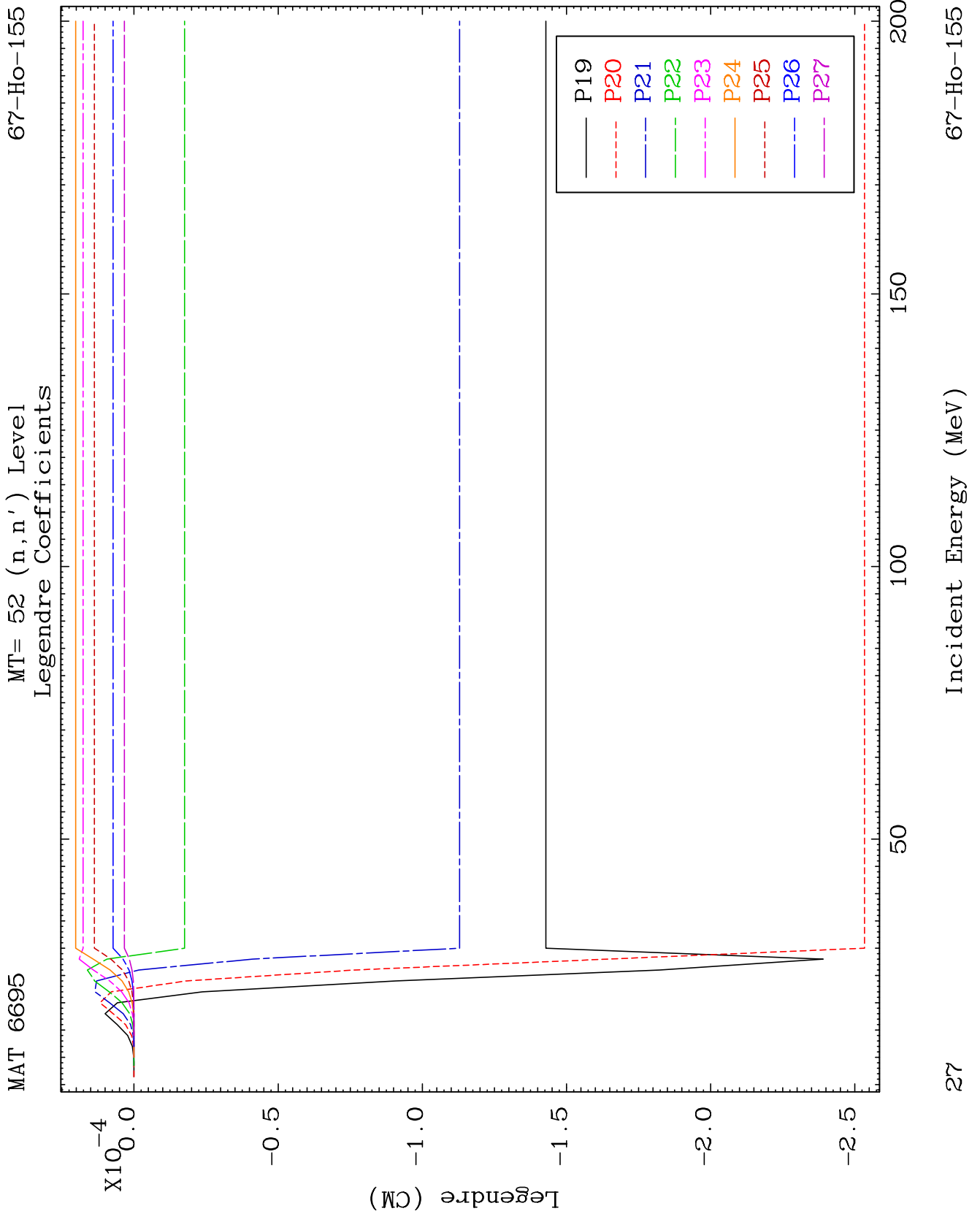
67-Ho-155



26

Incident Energy (MeV)

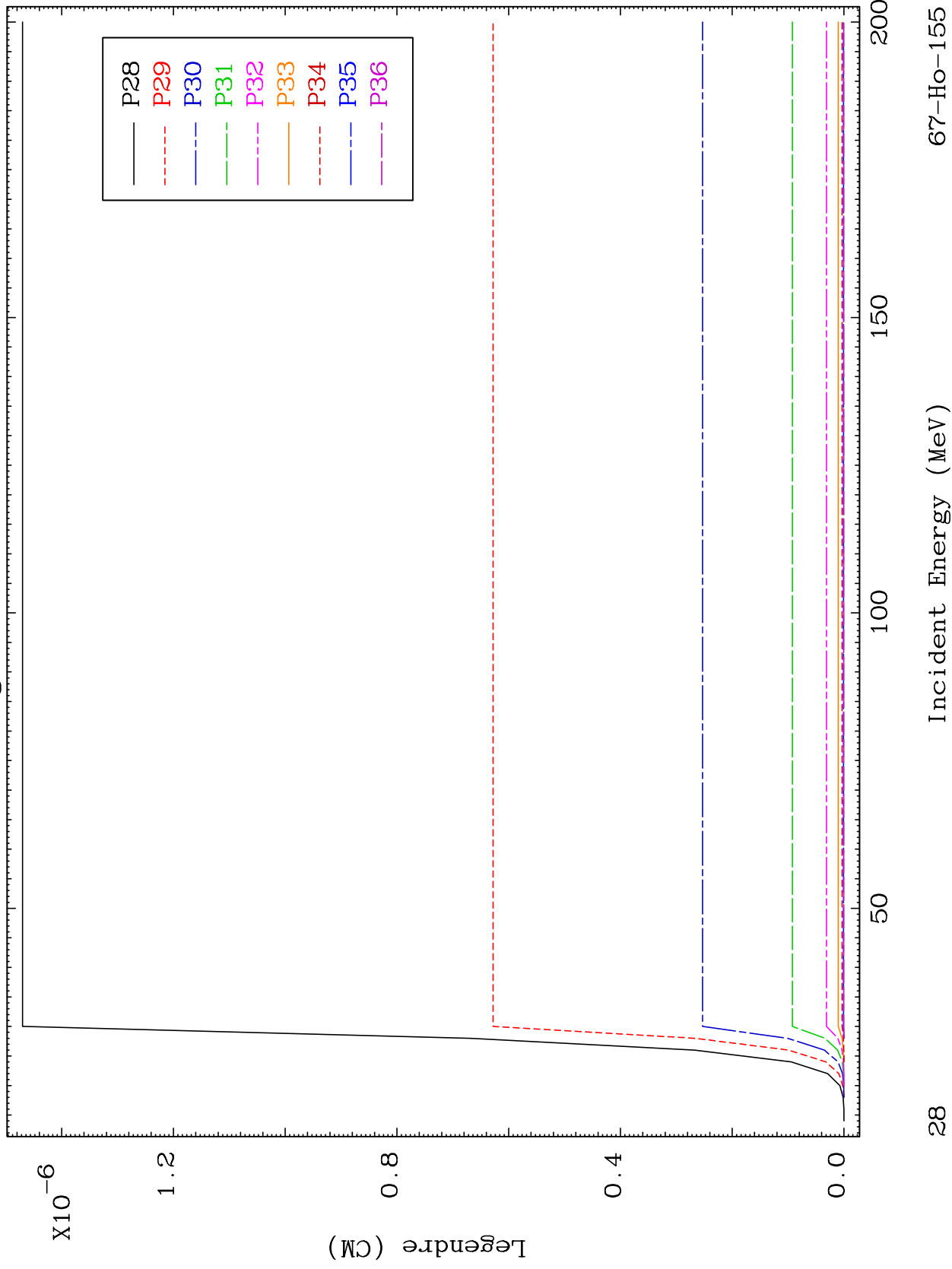
67-Ho-155



MAT 6695

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

67-Ho-155



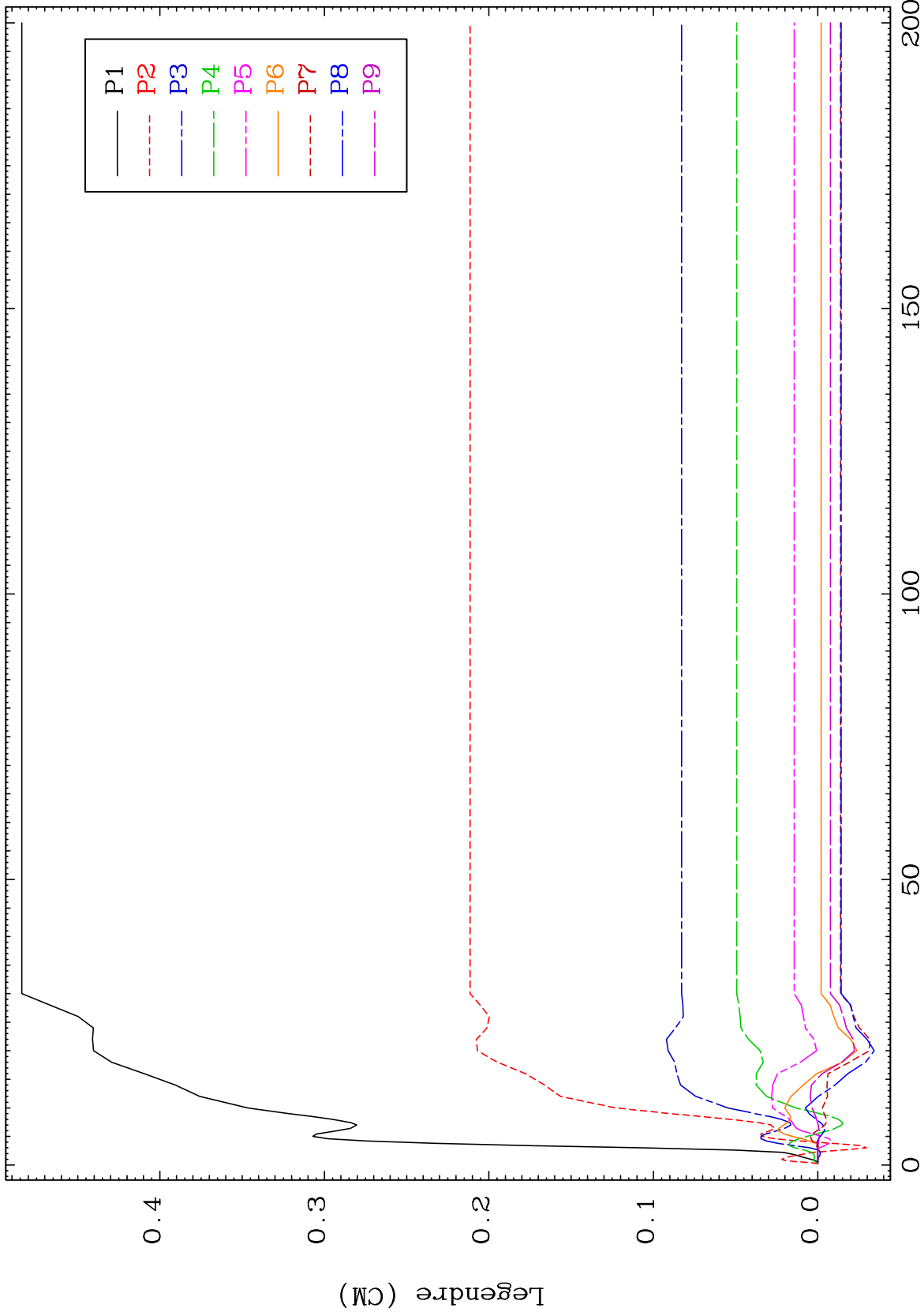
28

67-Ho-155

MAT 6695

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

67-Ho-155



29

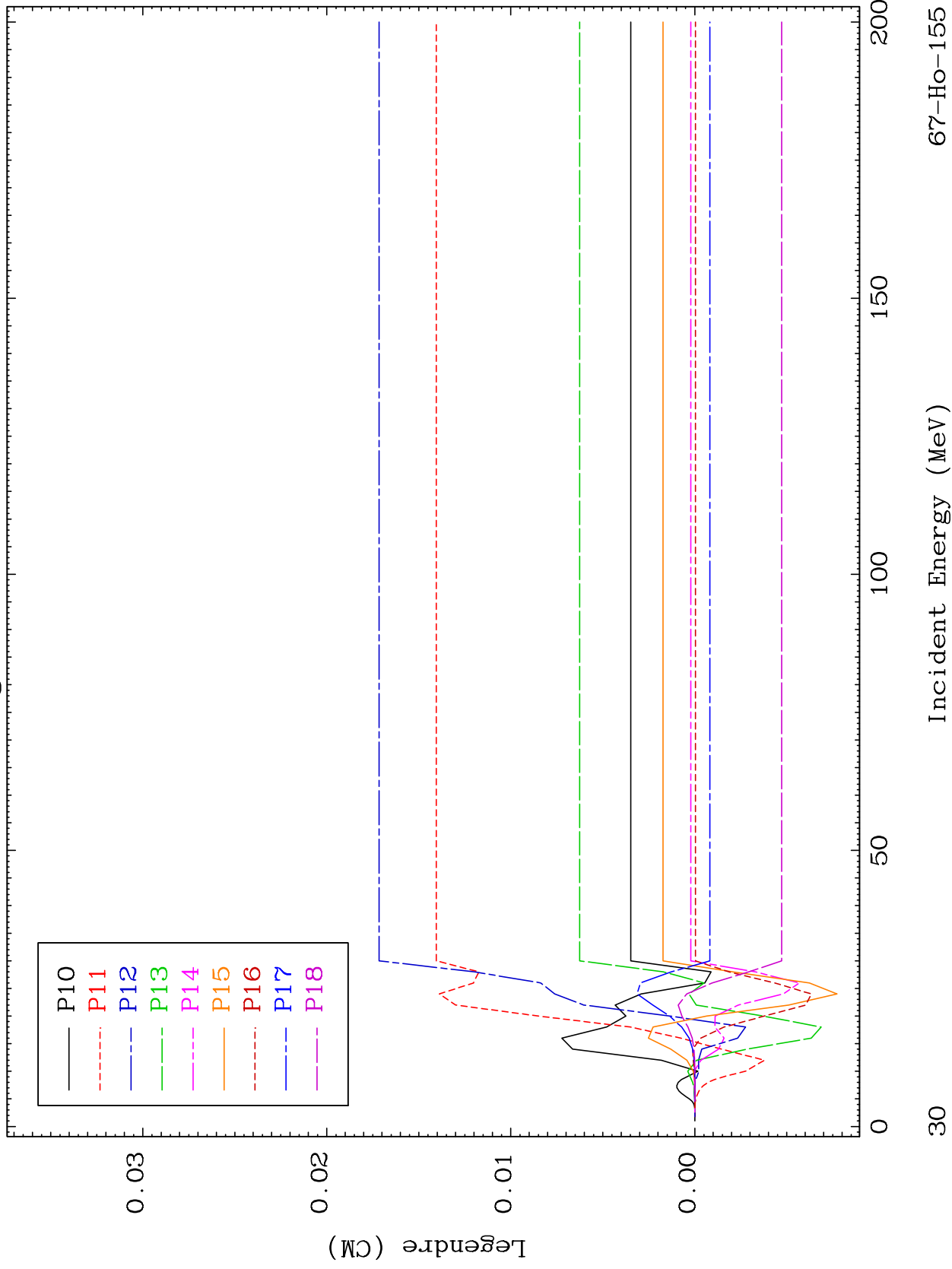
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



67-Ho-155

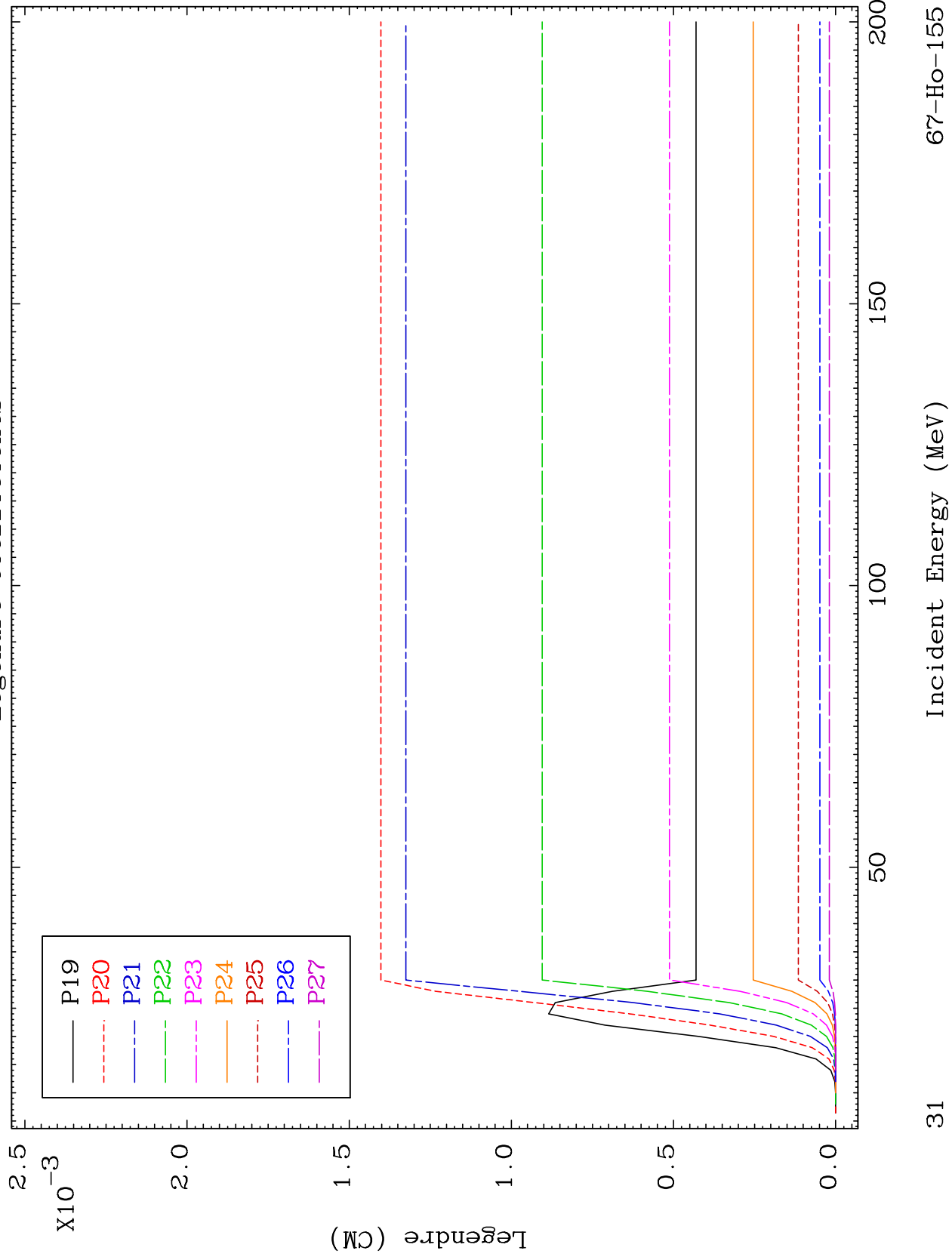
Incident Energy (MeV)

30

MAT 6695

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

67-Ho-155

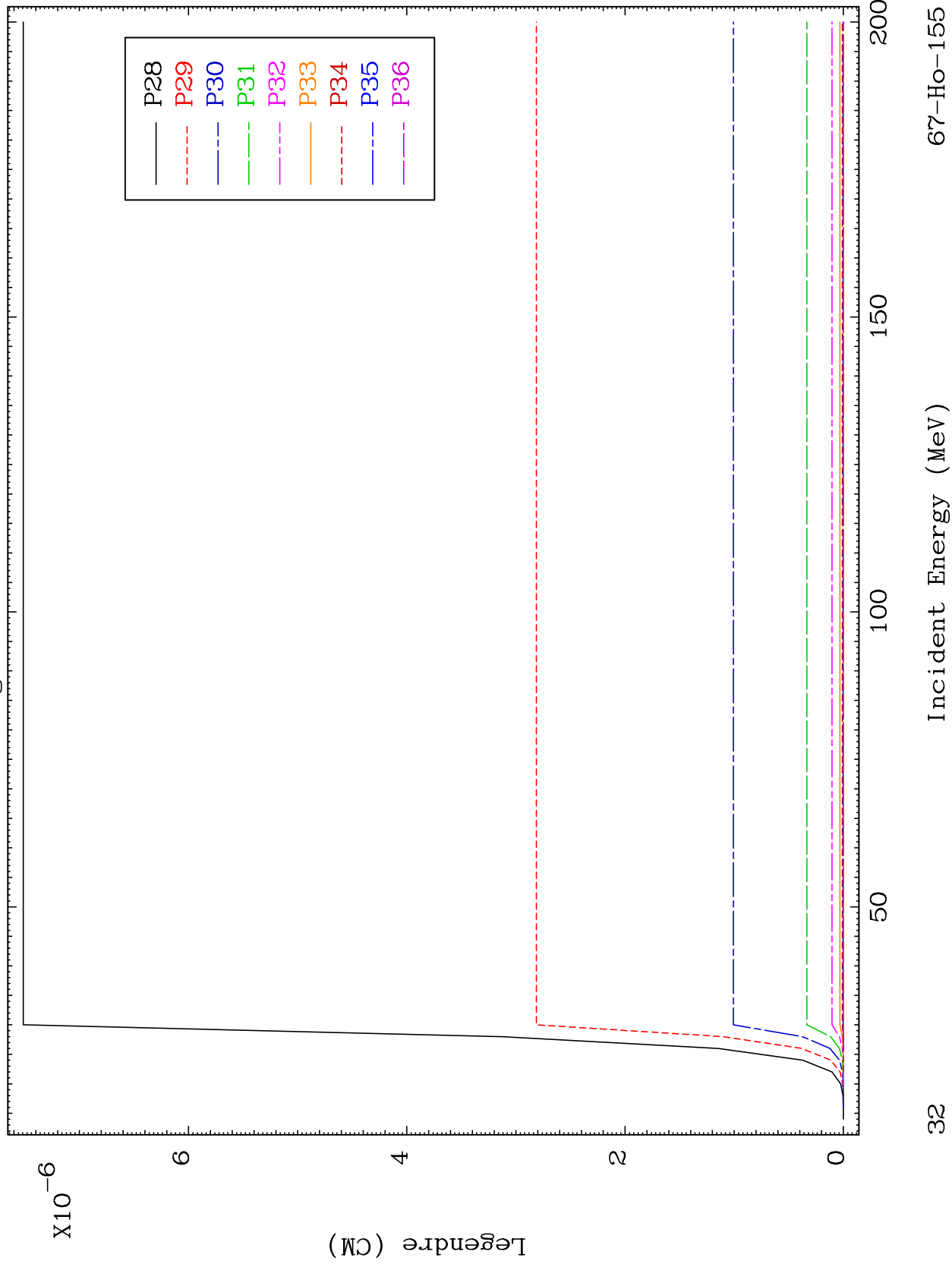




MAT 6695

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

67-Ho-155



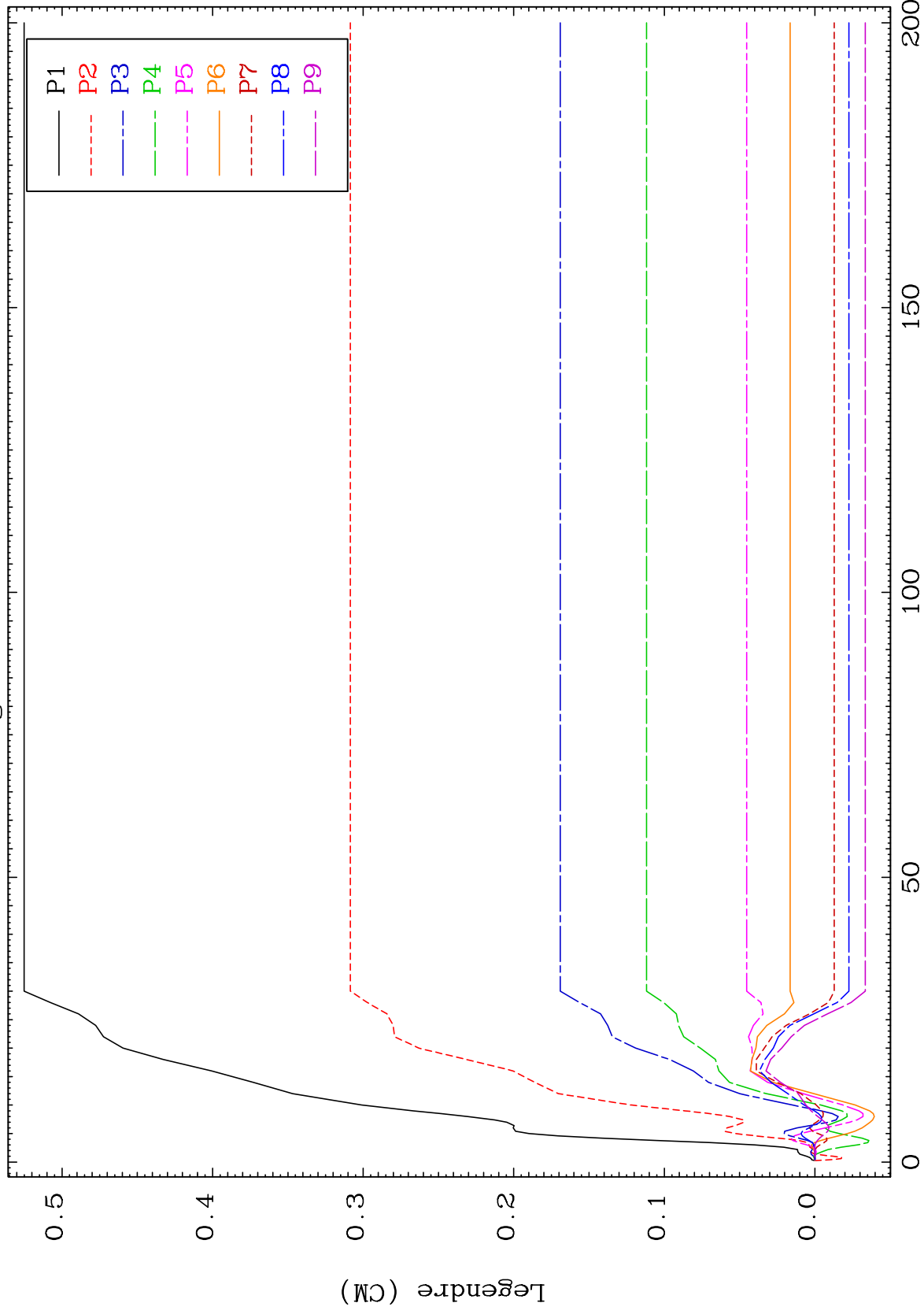
32

67-Ho-155

MAT 6695

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

67-Ho-155



33

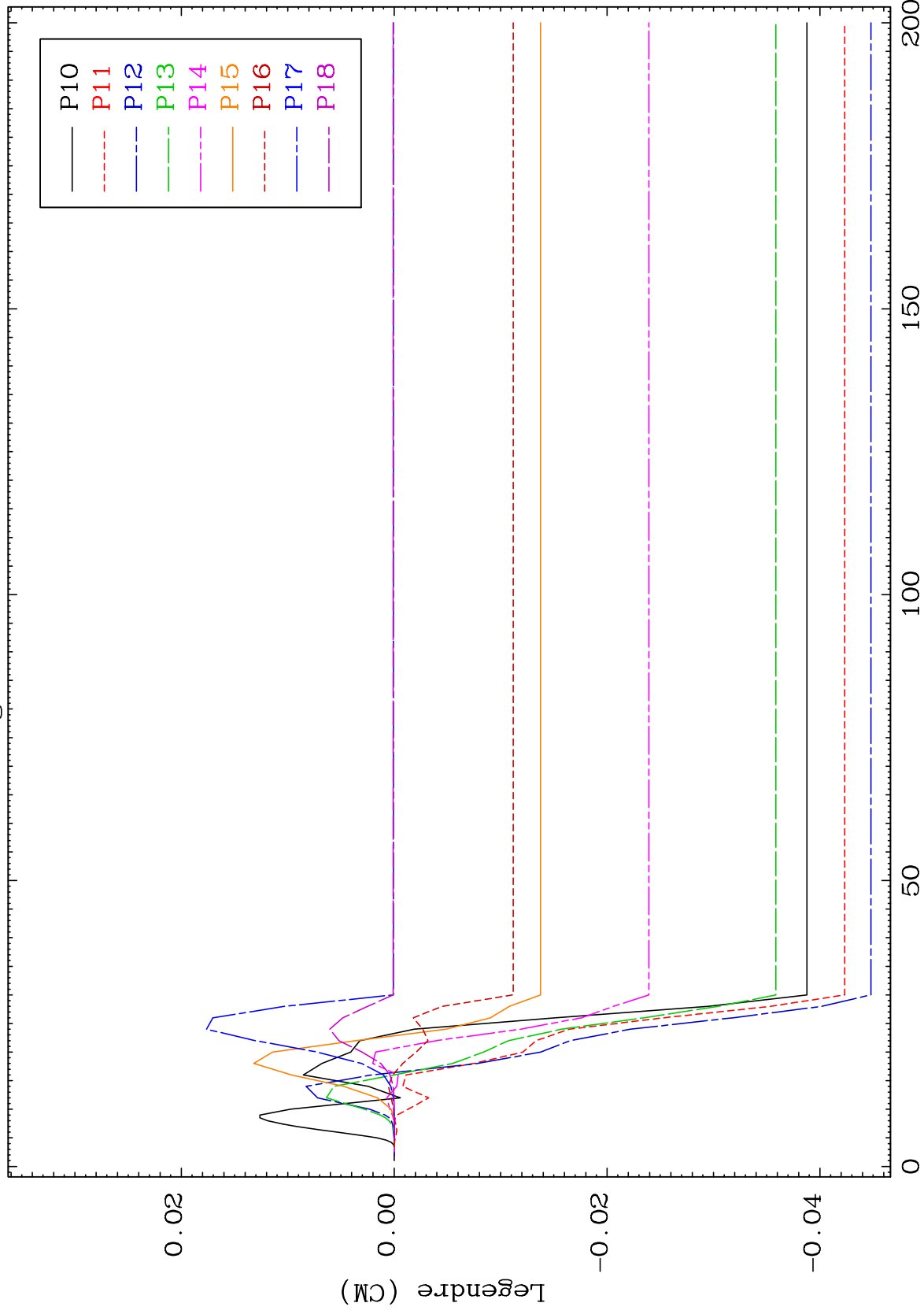
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



34

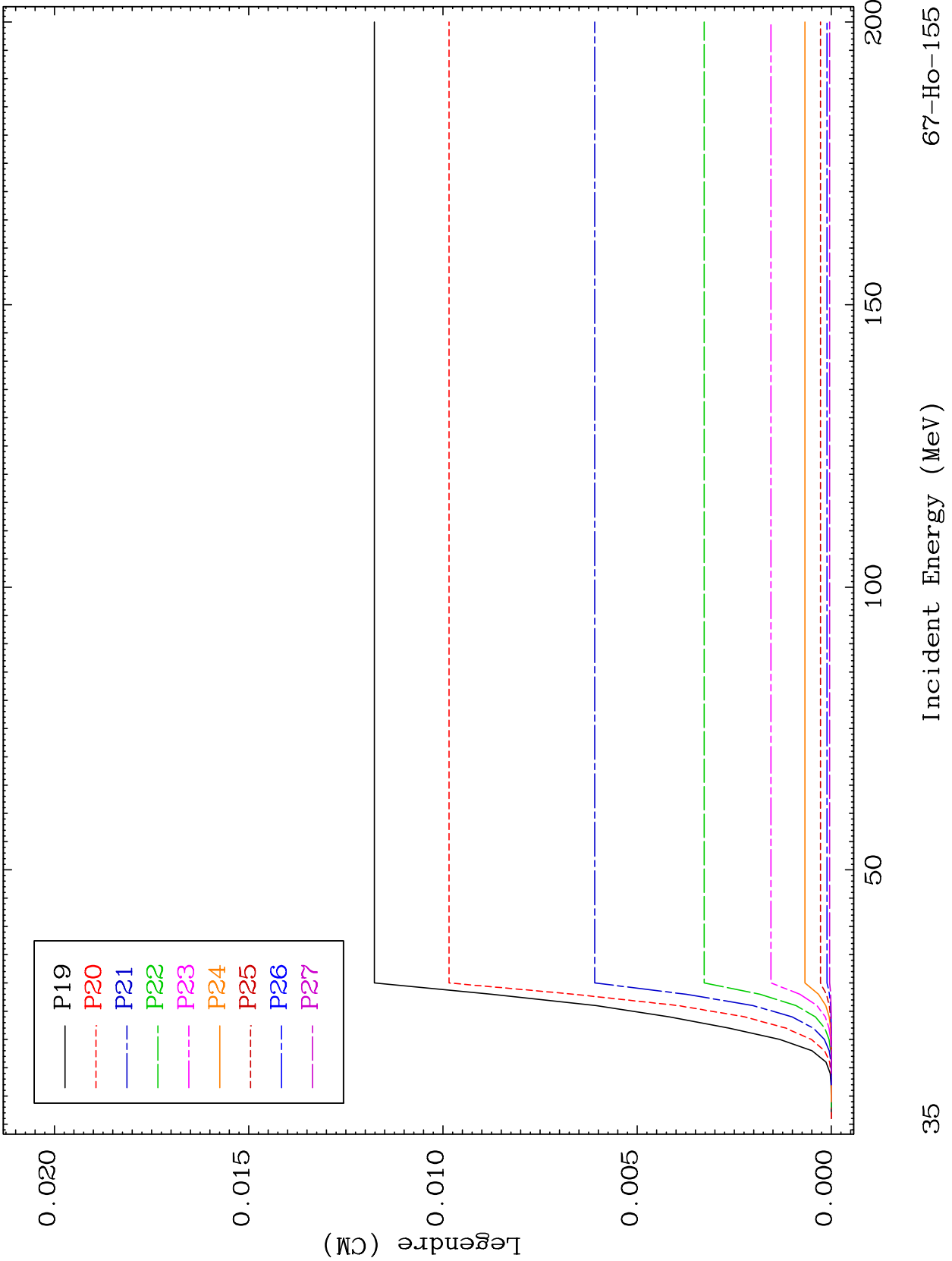
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



35

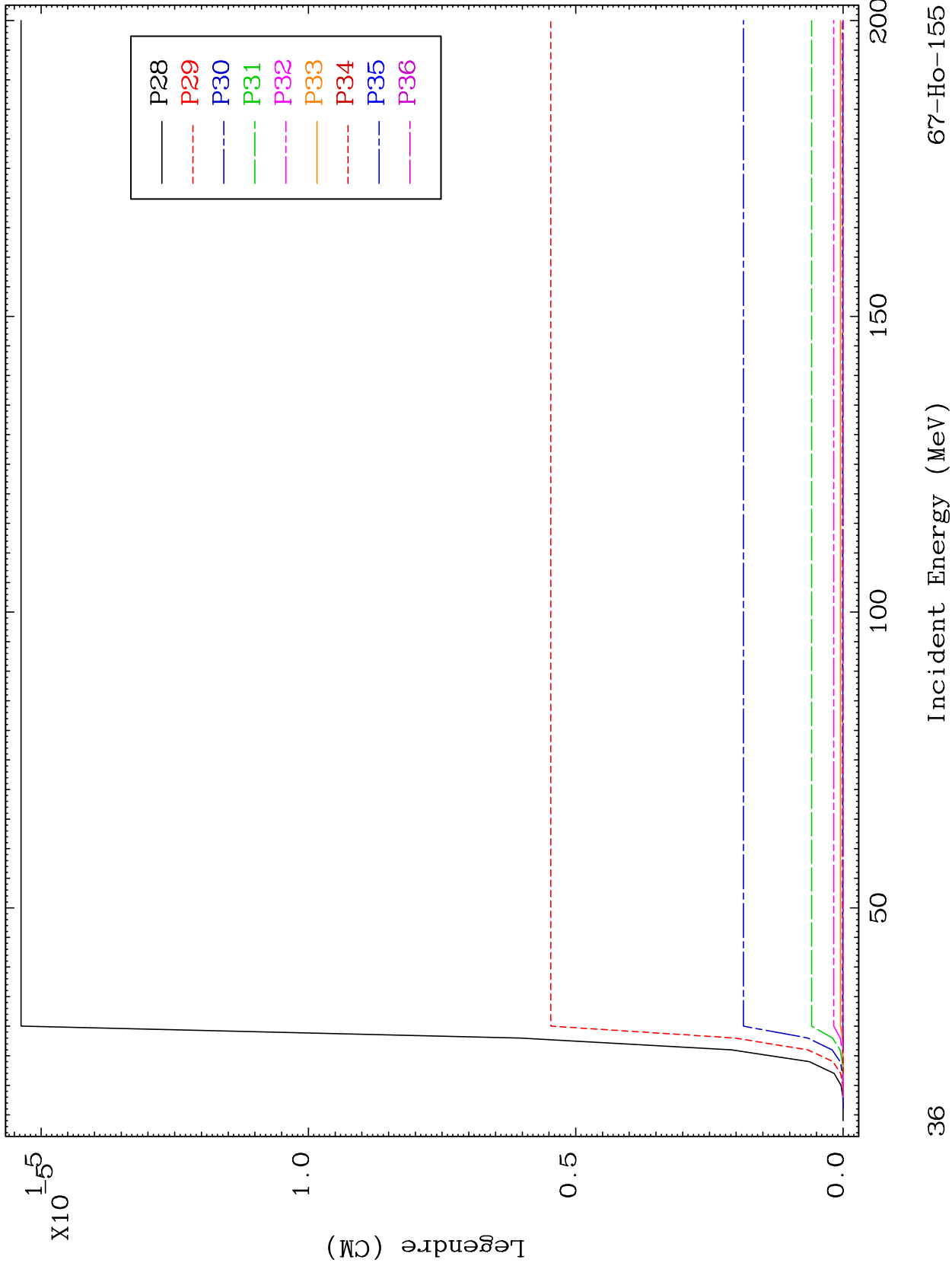
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

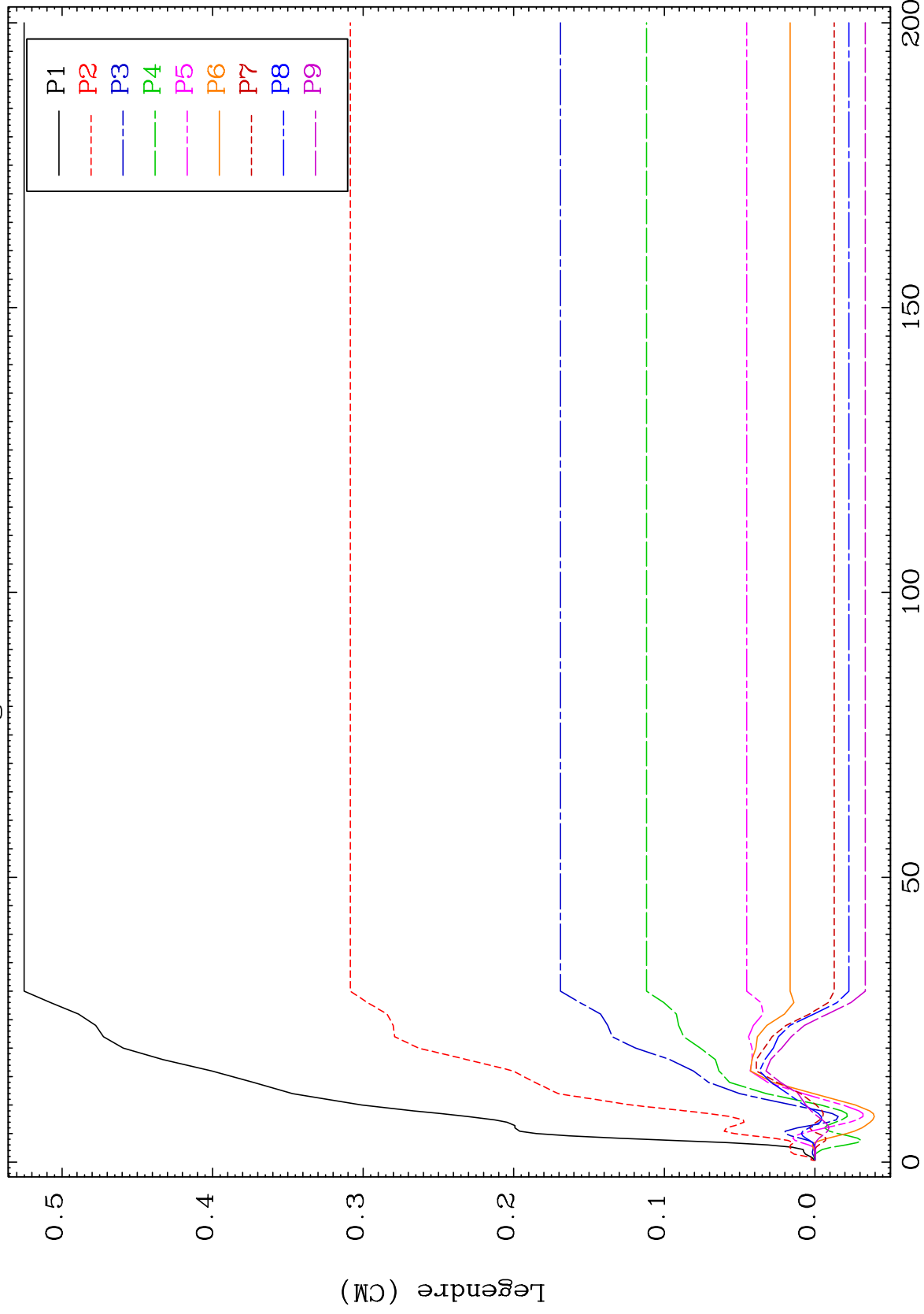
67-Ho-155



MAT 6695

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

67-Ho-155



37

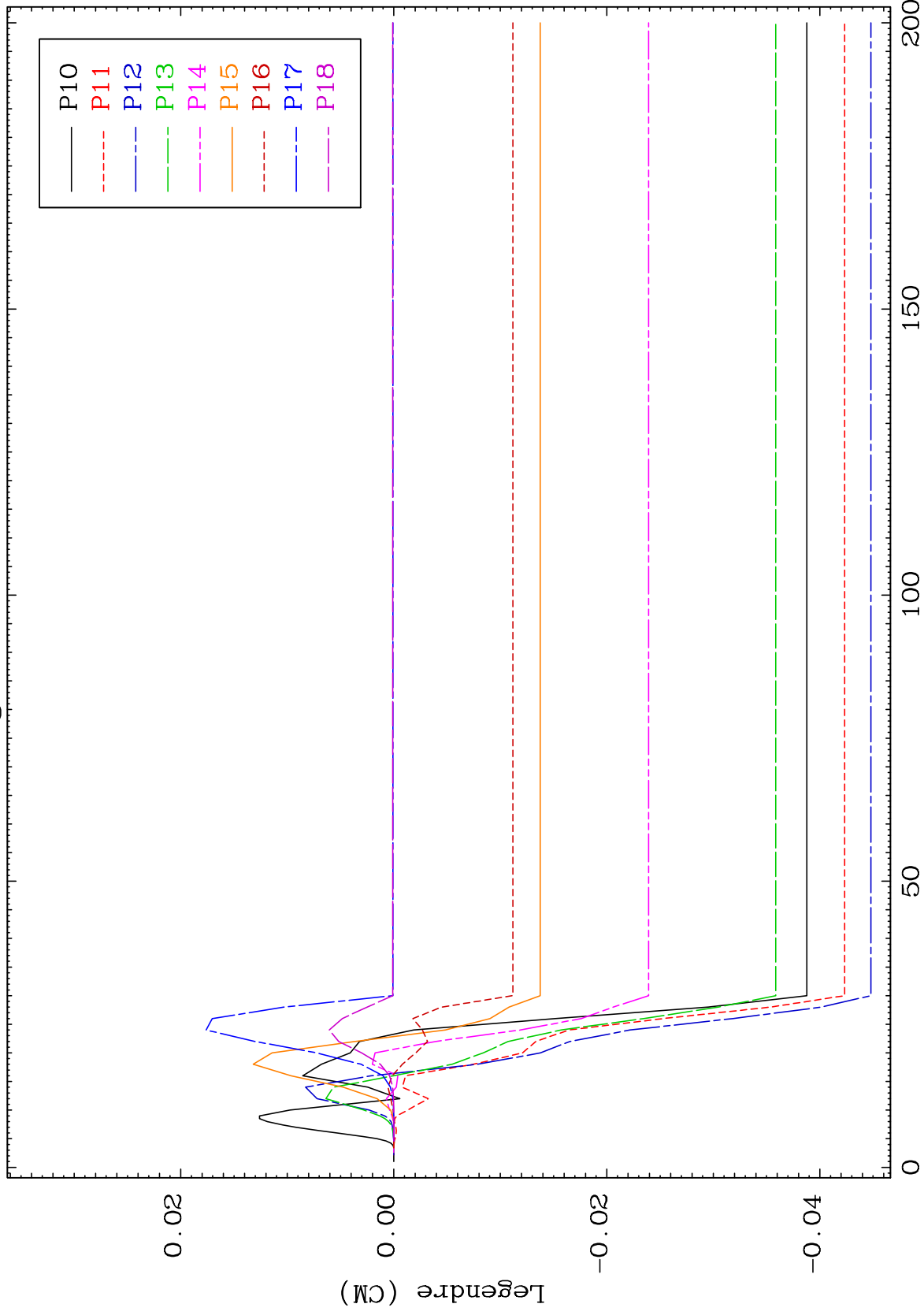
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



38

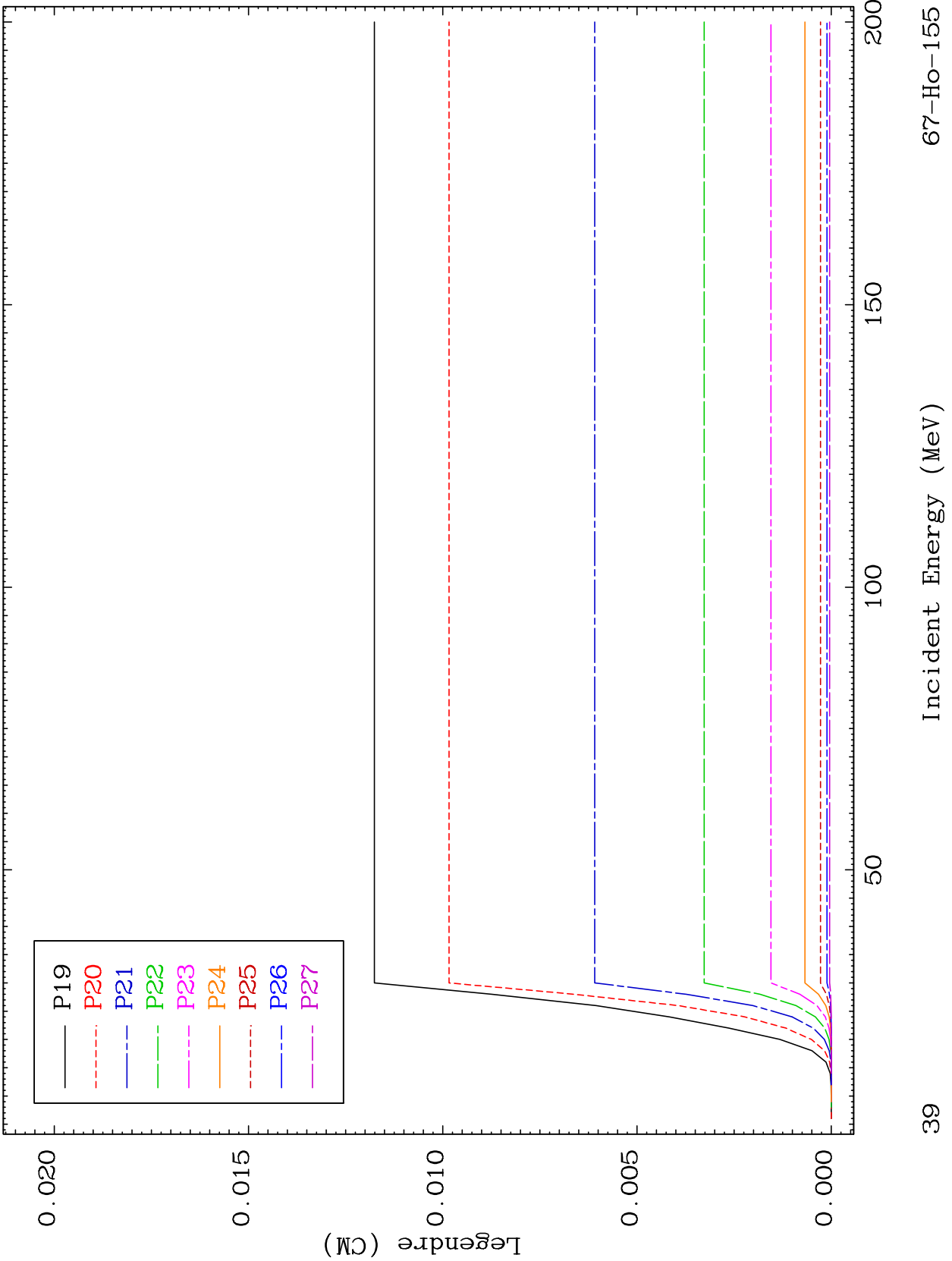
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



39

Incident Energy (MeV)

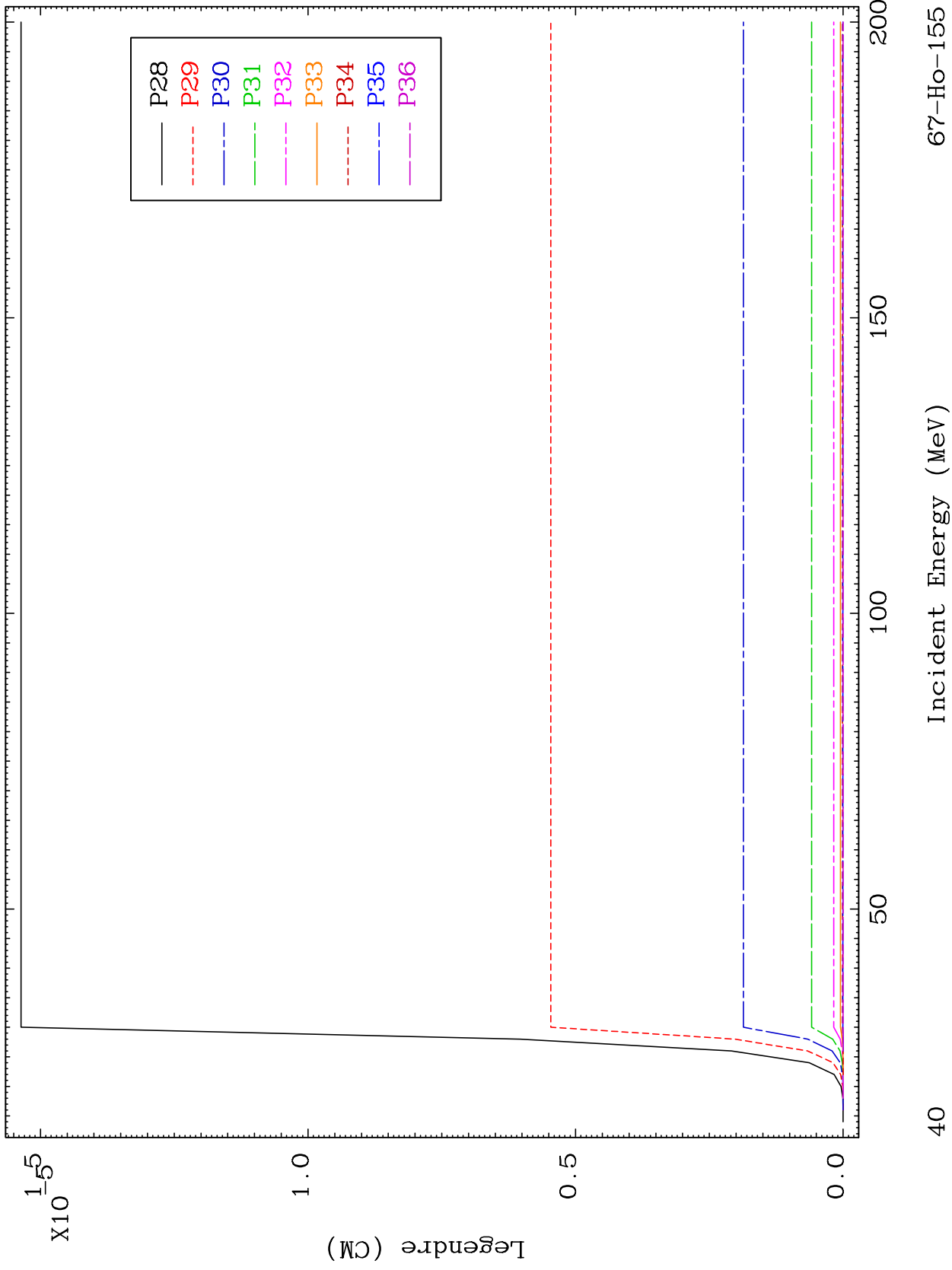
67-Ho-155



MAT 6695

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

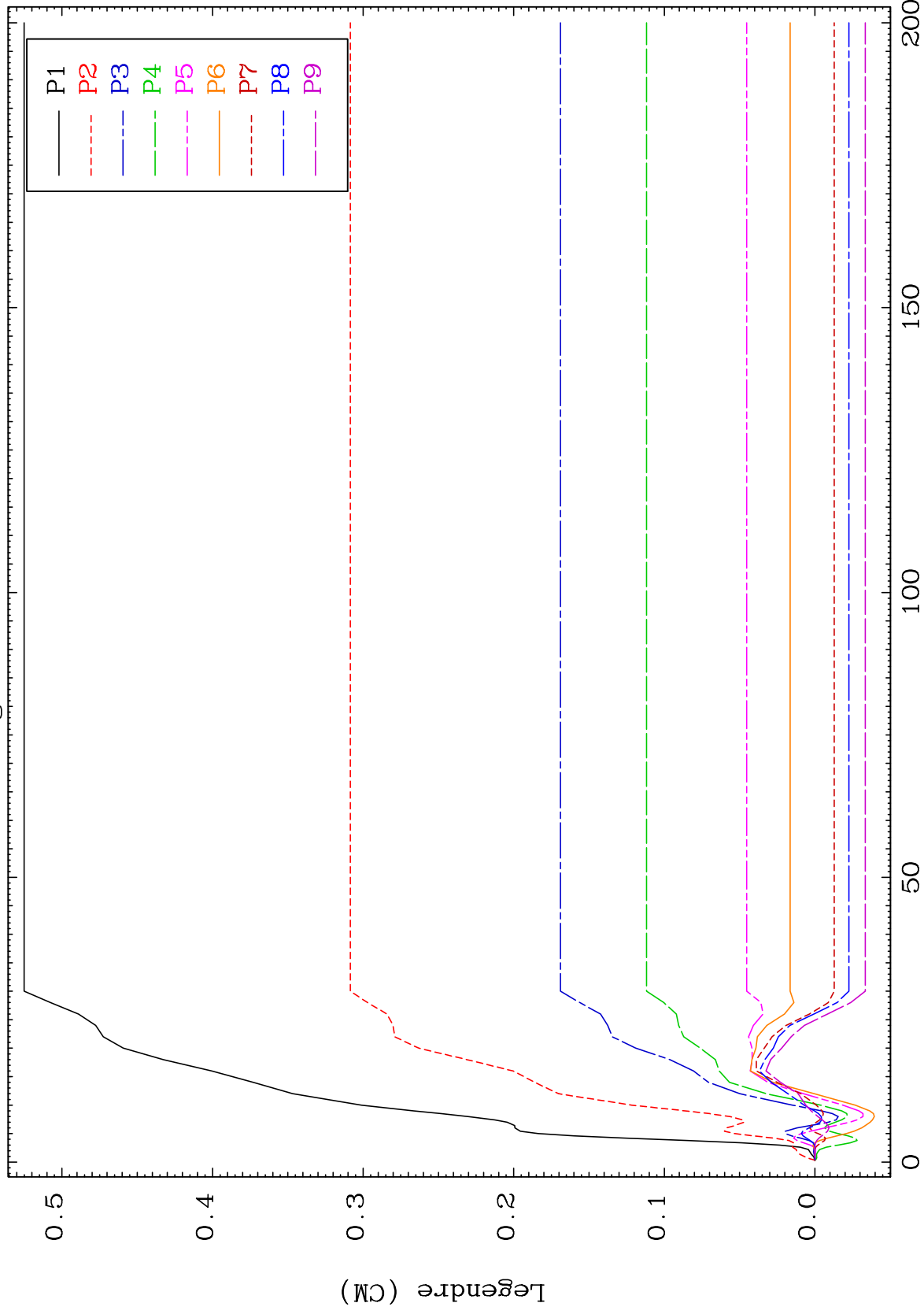
67-Ho-155



MAT 6695

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

67-Ho-155



41

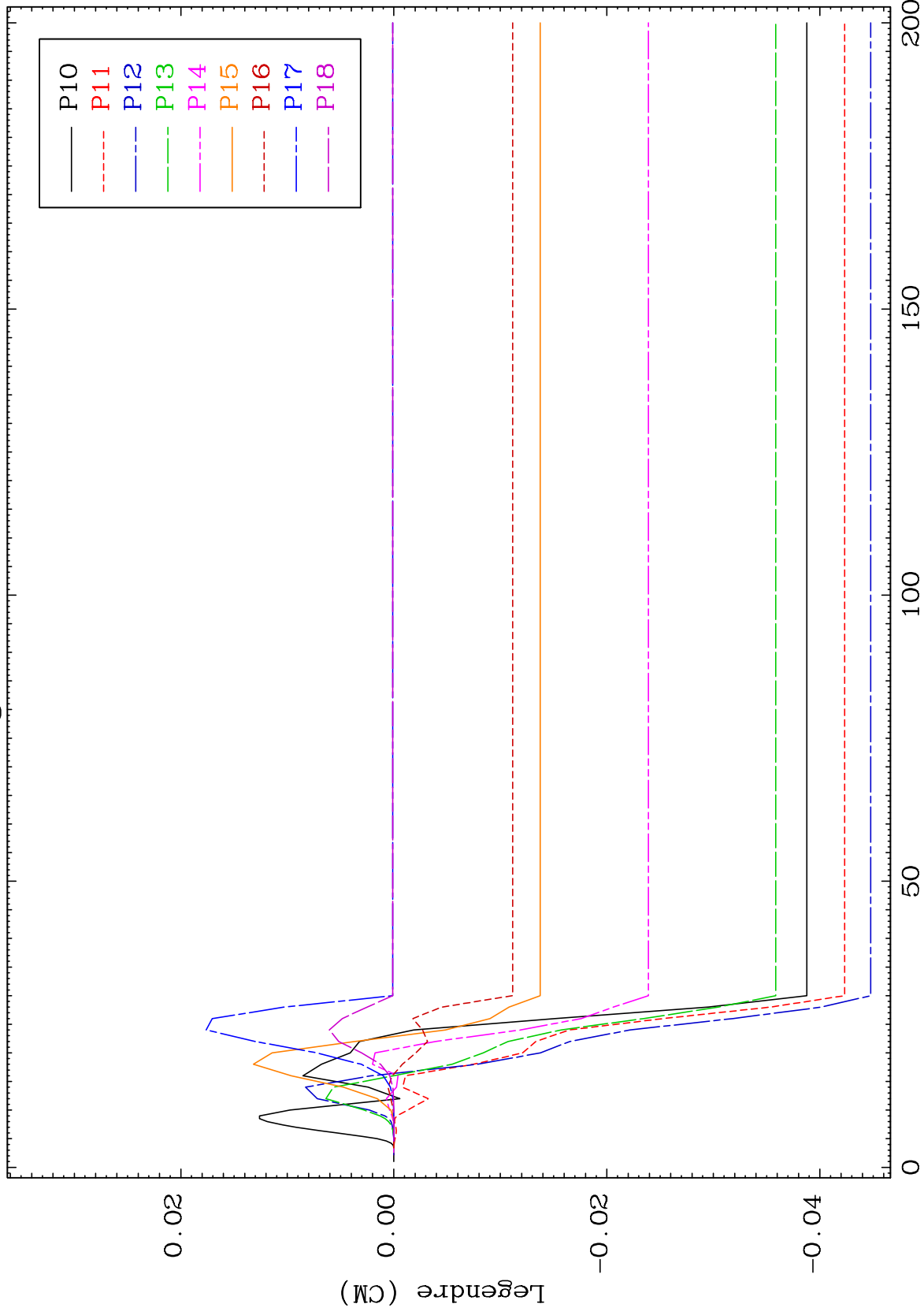
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



42

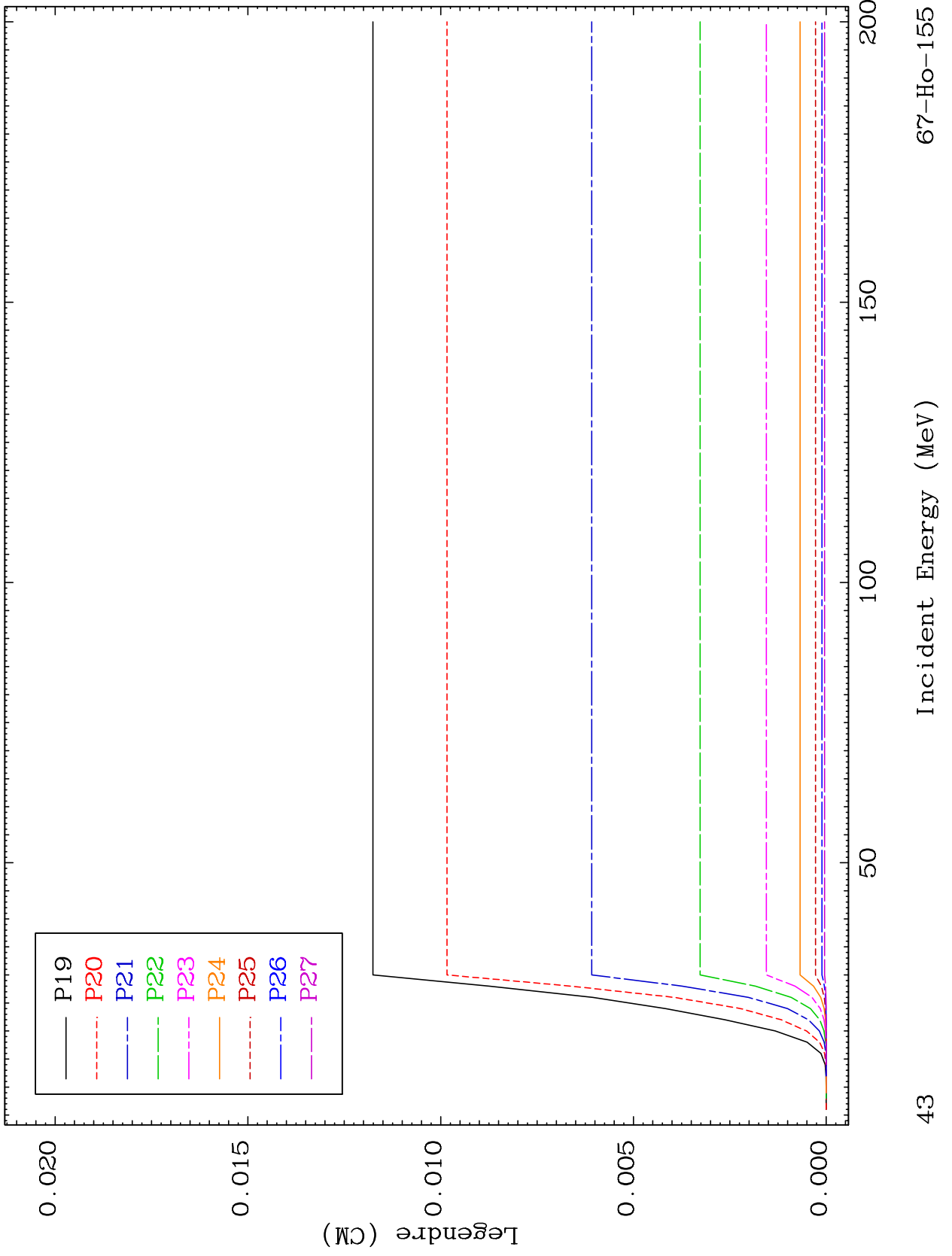
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



43

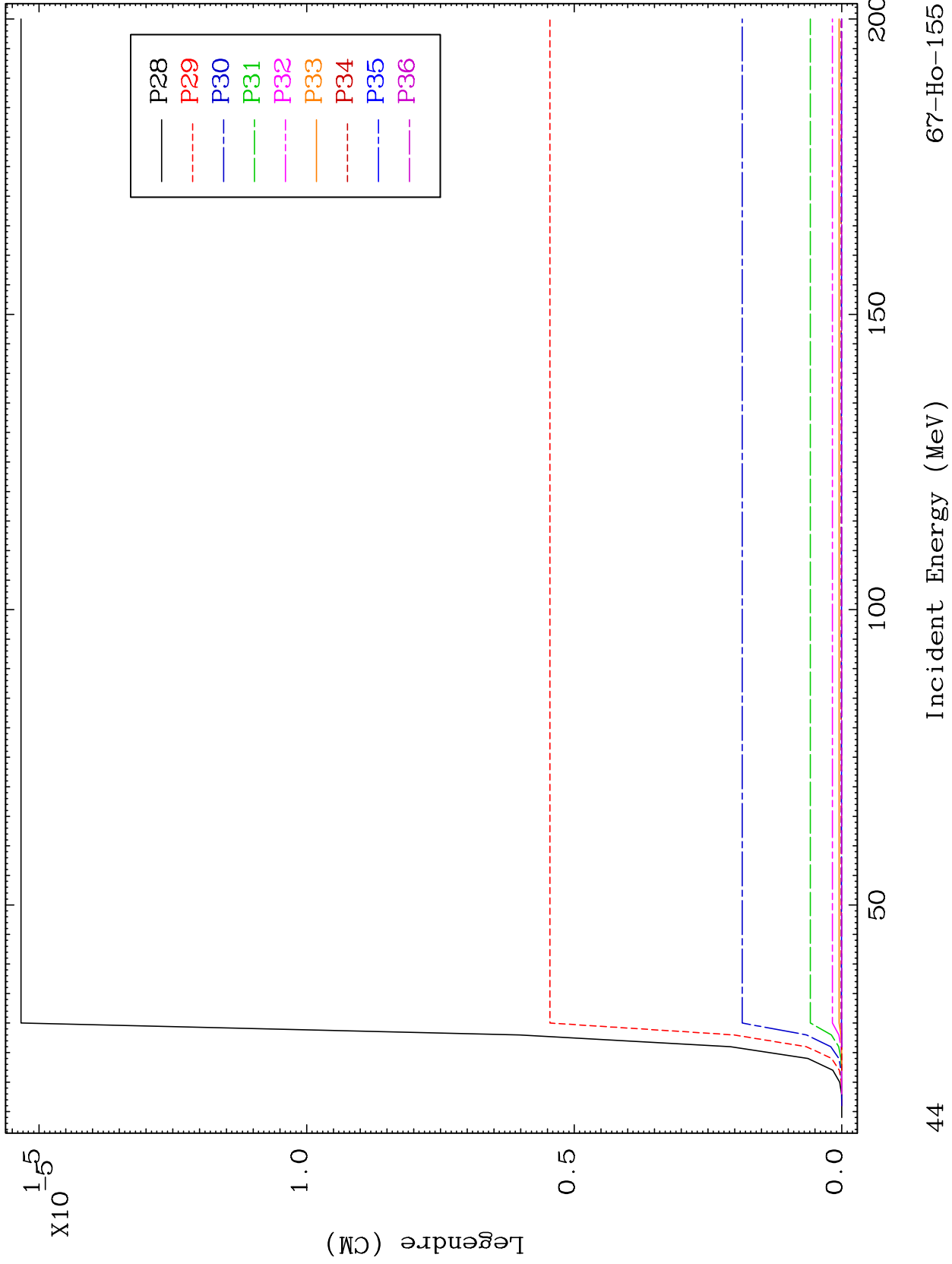
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

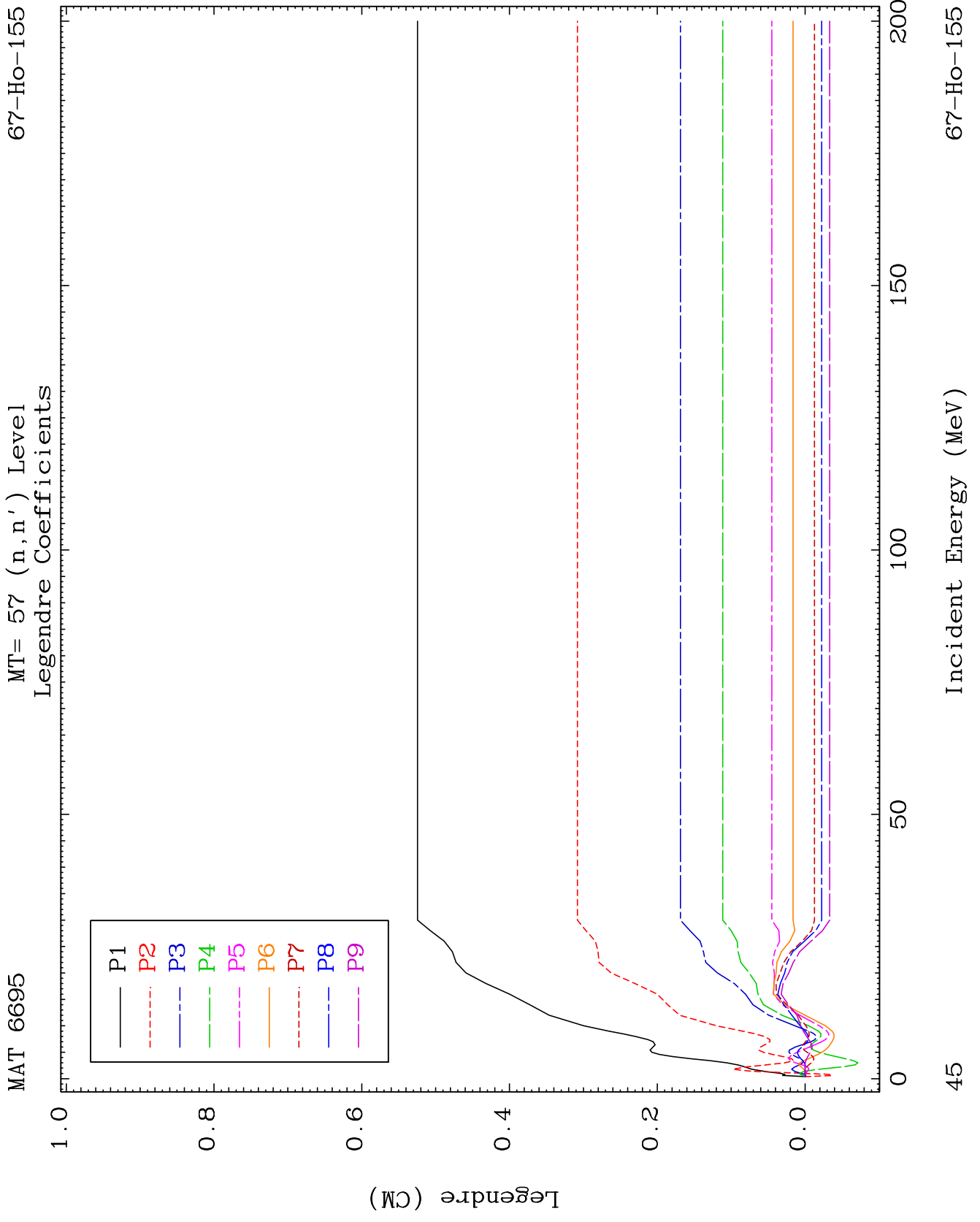
67-Ho-155



44

Incident Energy (MeV)

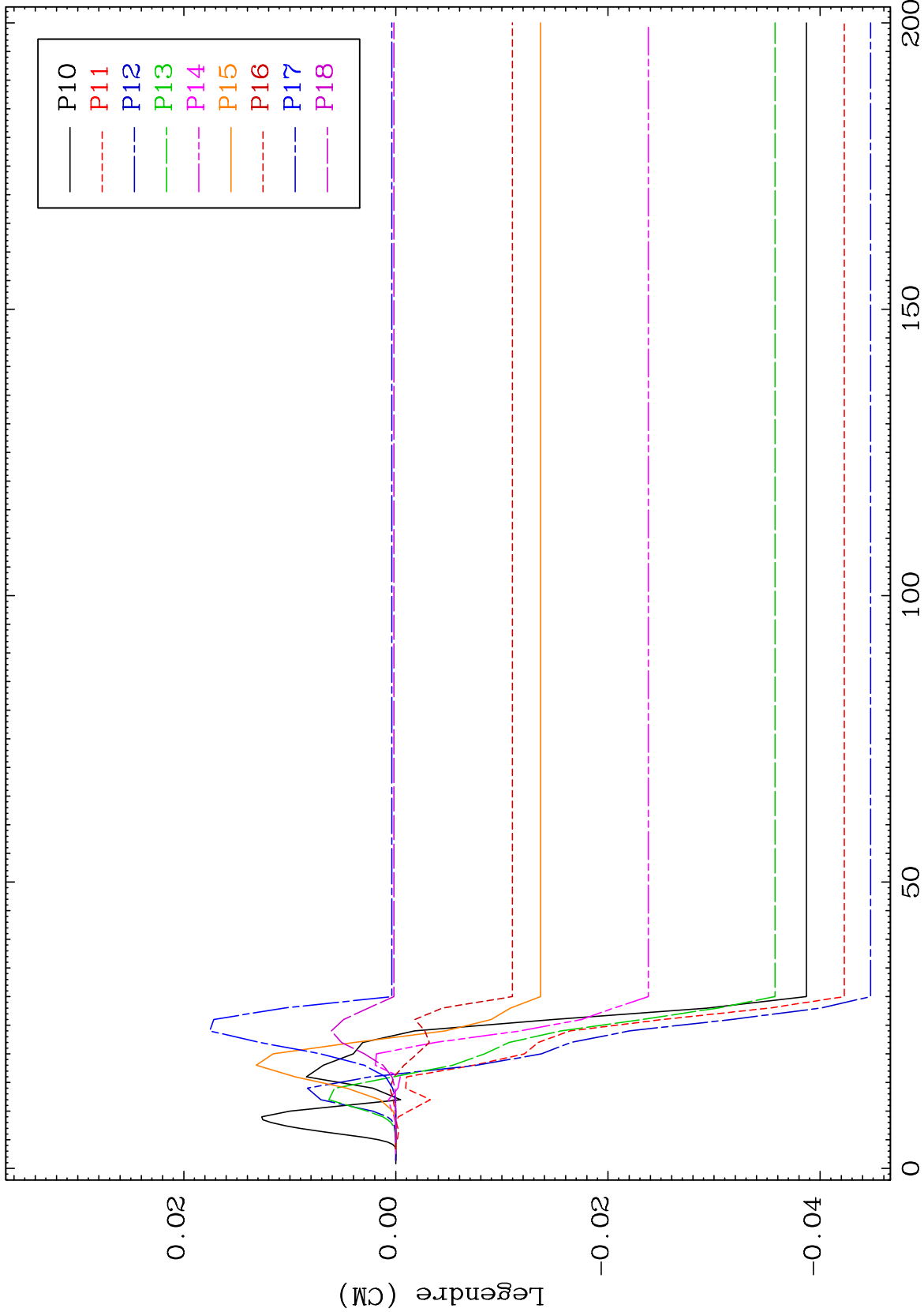
67-Ho-155



MAT 6695

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

67-Ho-155



46

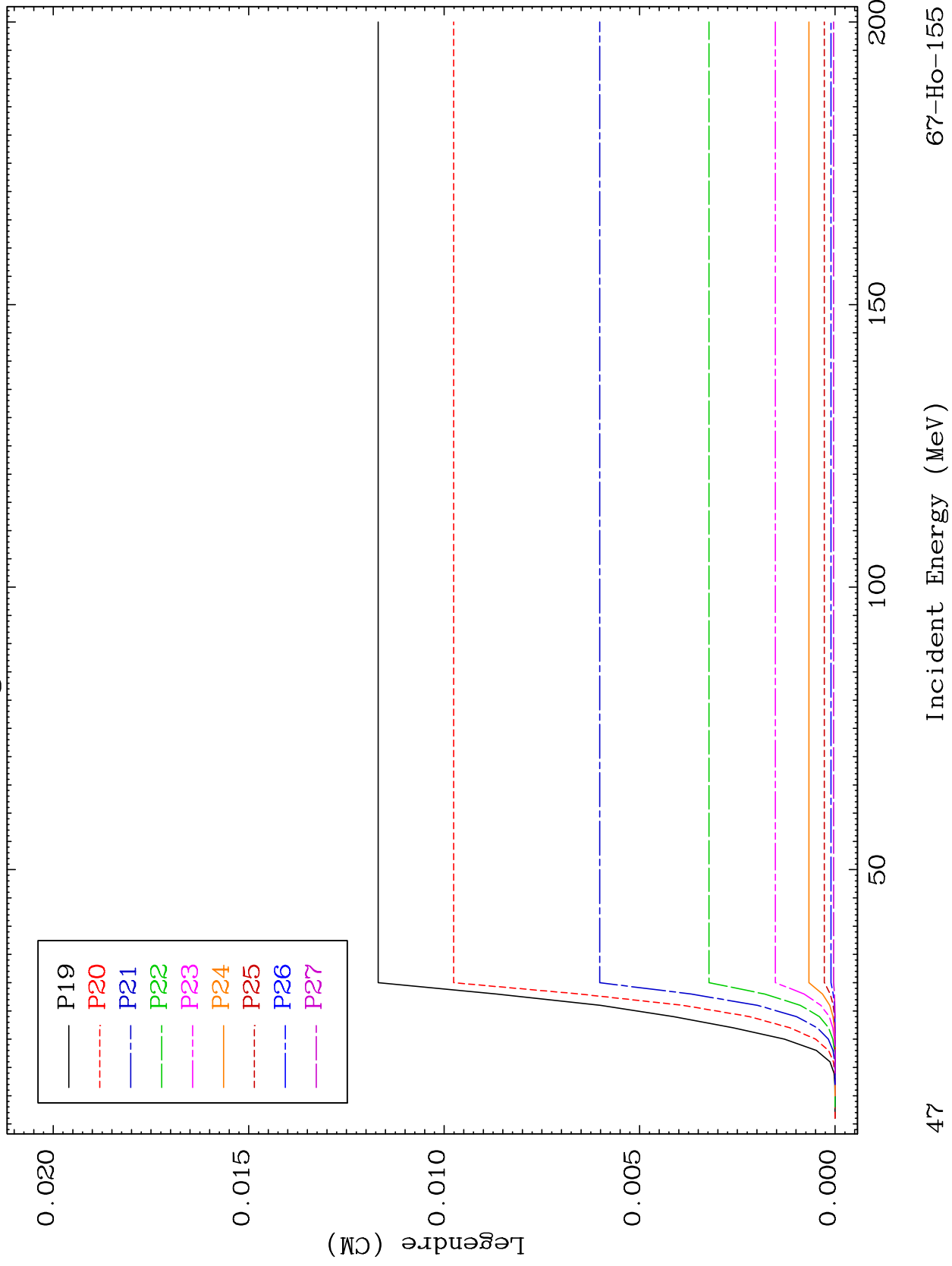
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



47

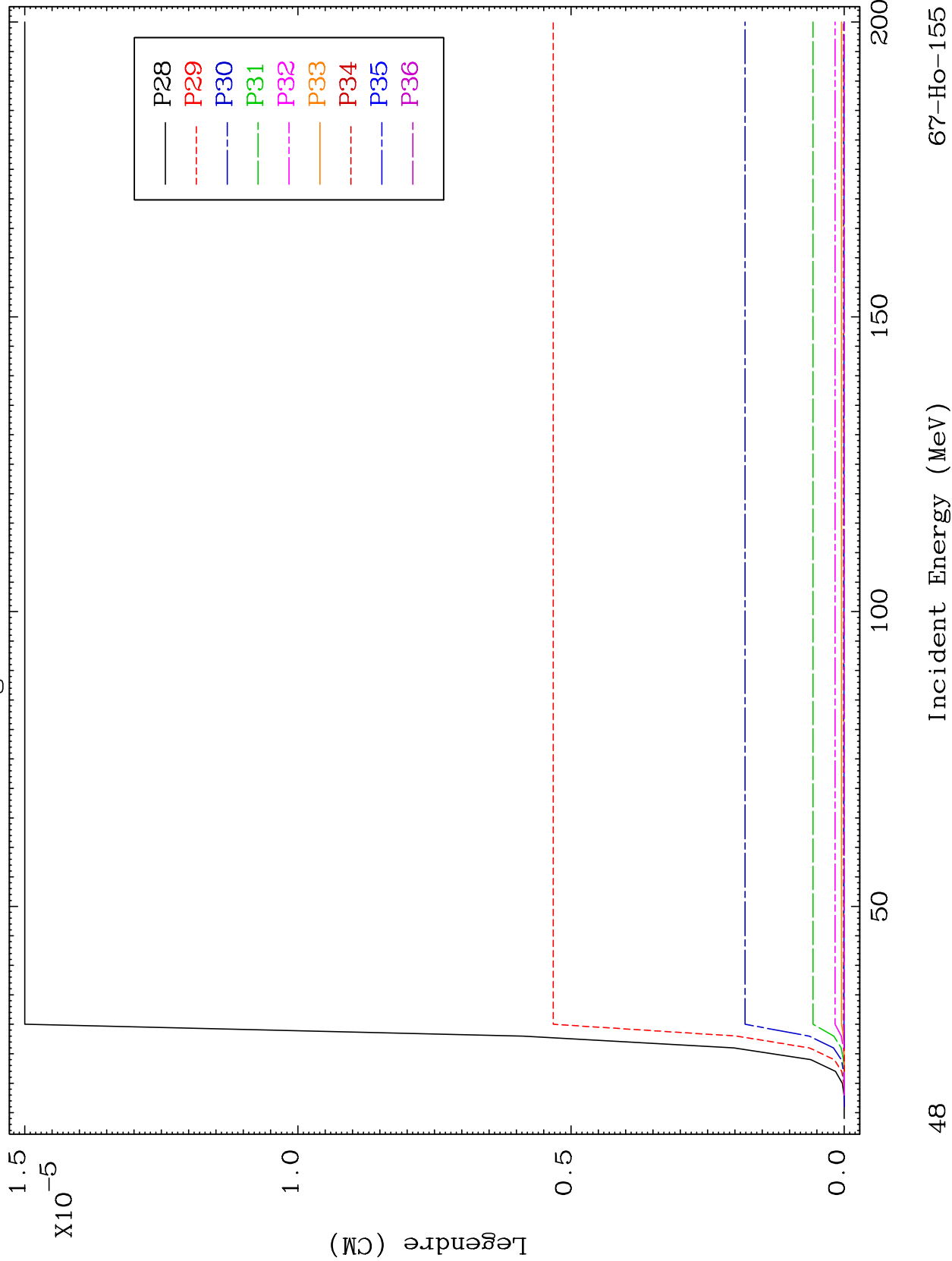
200



MAT 6695

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

67-Ho-155

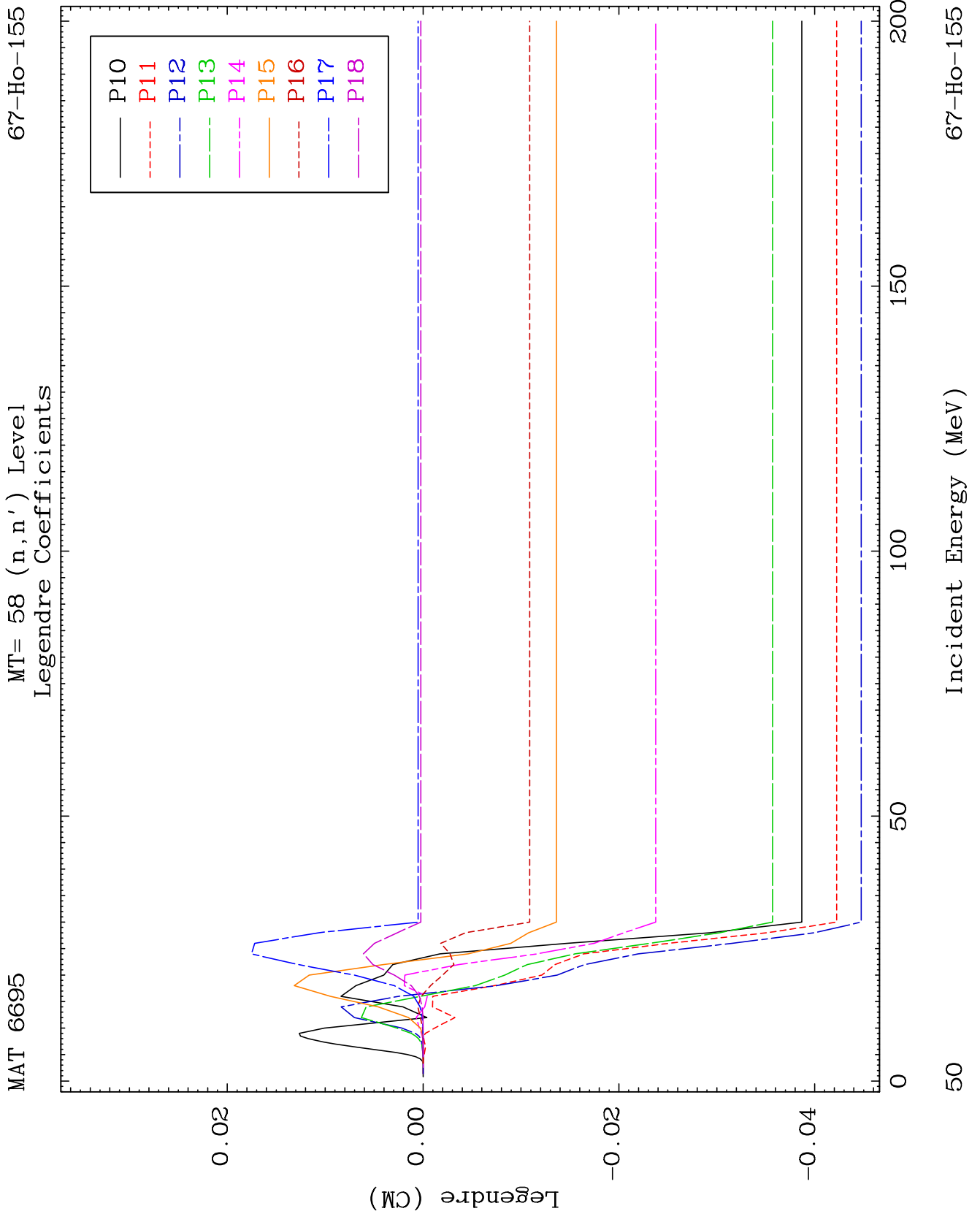


48

Incident Energy (MeV)

67-Ho-155

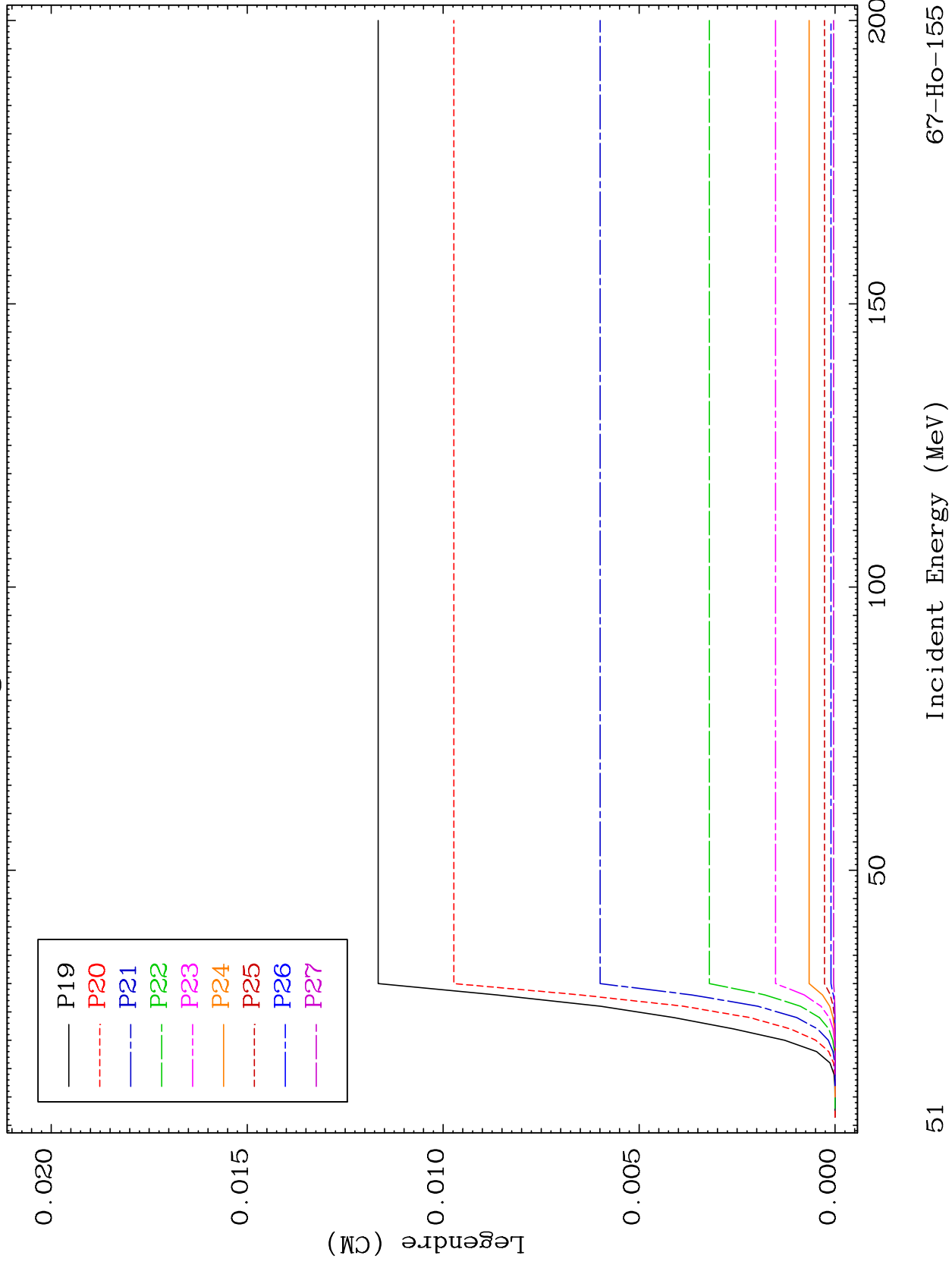




MAT 6695

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

67-Ho-155



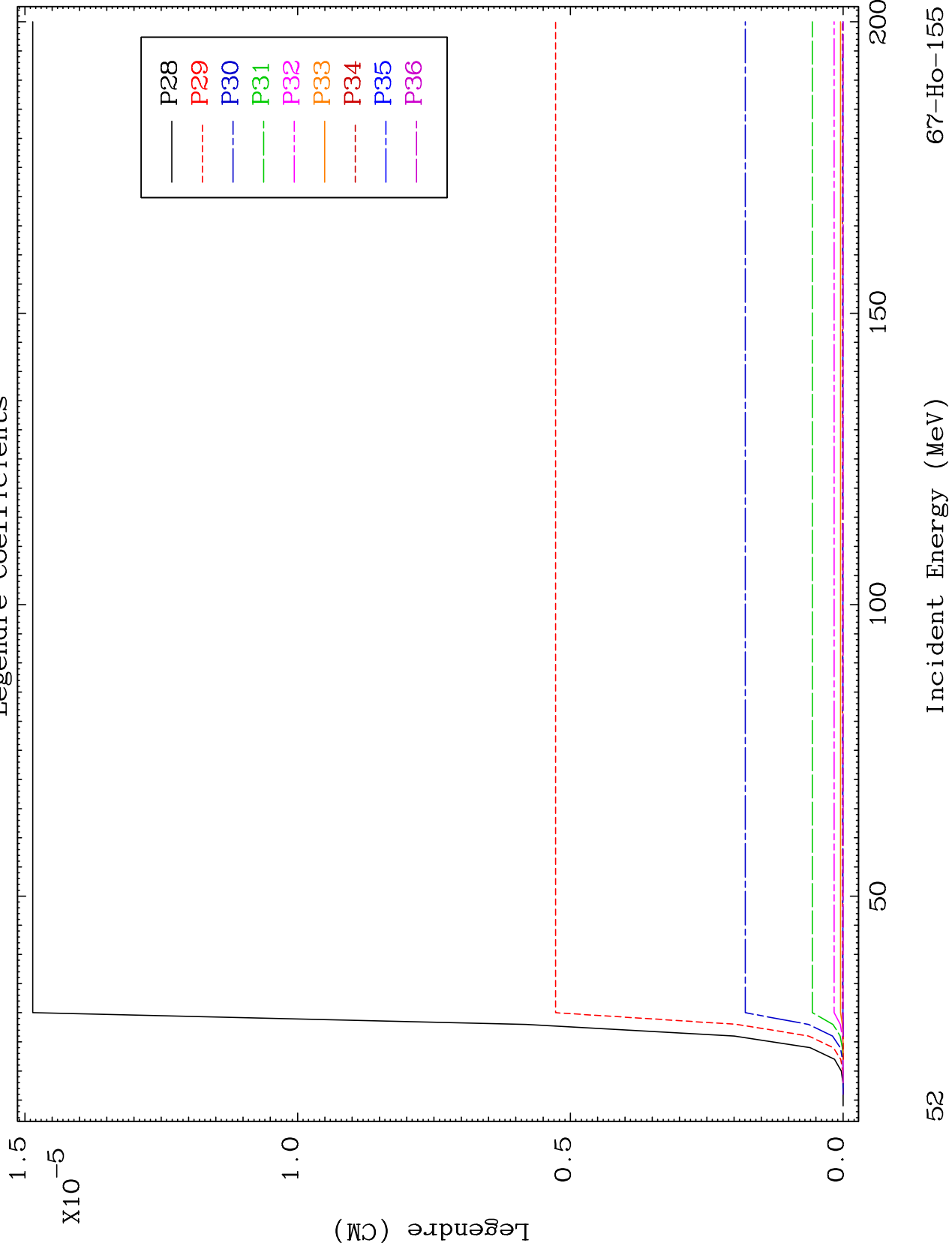
51

67-Ho-155

MAT 6695

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

67-Ho-155



52

Incident Energy (MeV)

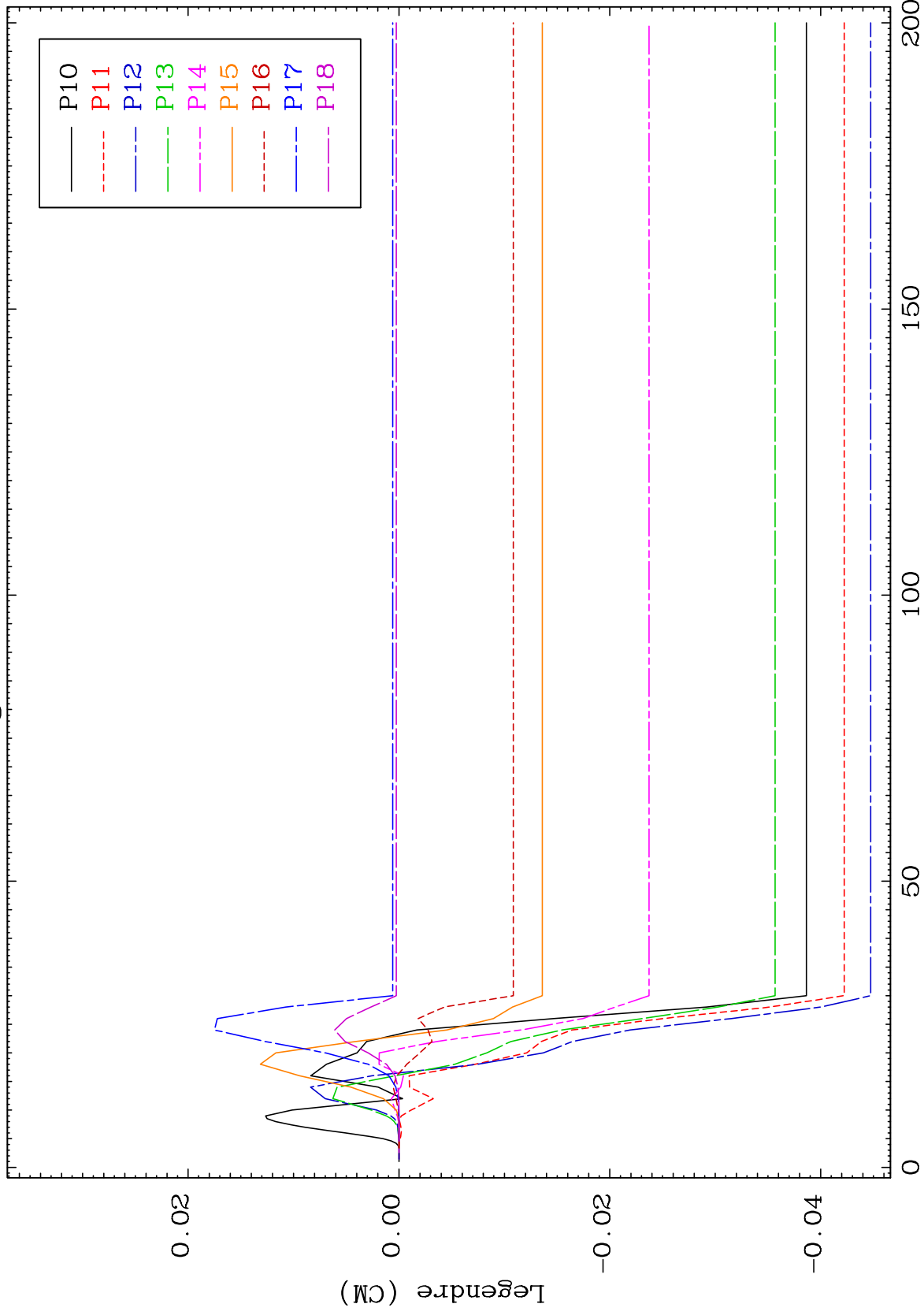
67-Ho-155



MAT 6695

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

67-Ho-155



54

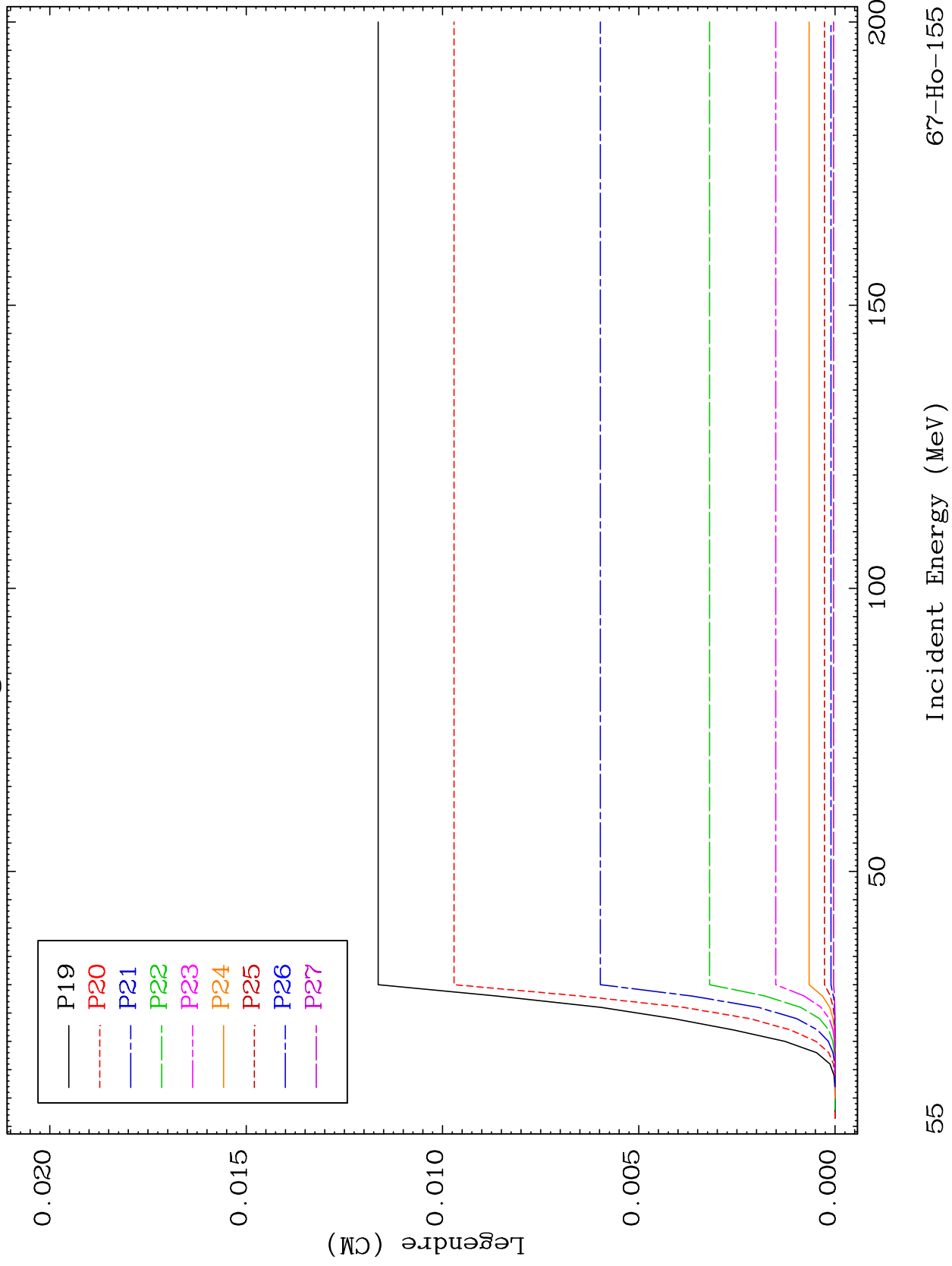
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155

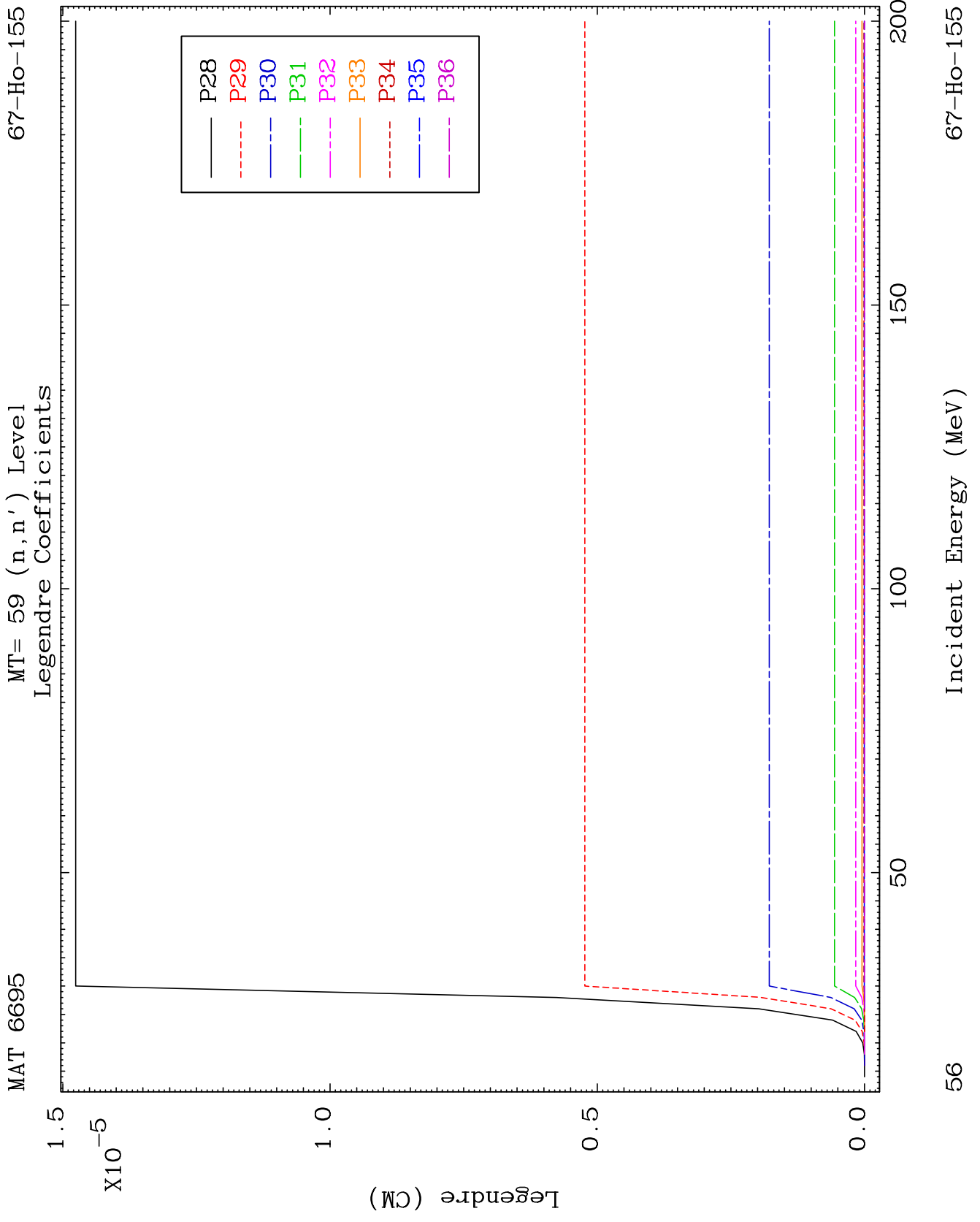


55

Incident Energy (MeV)

67-Ho-155

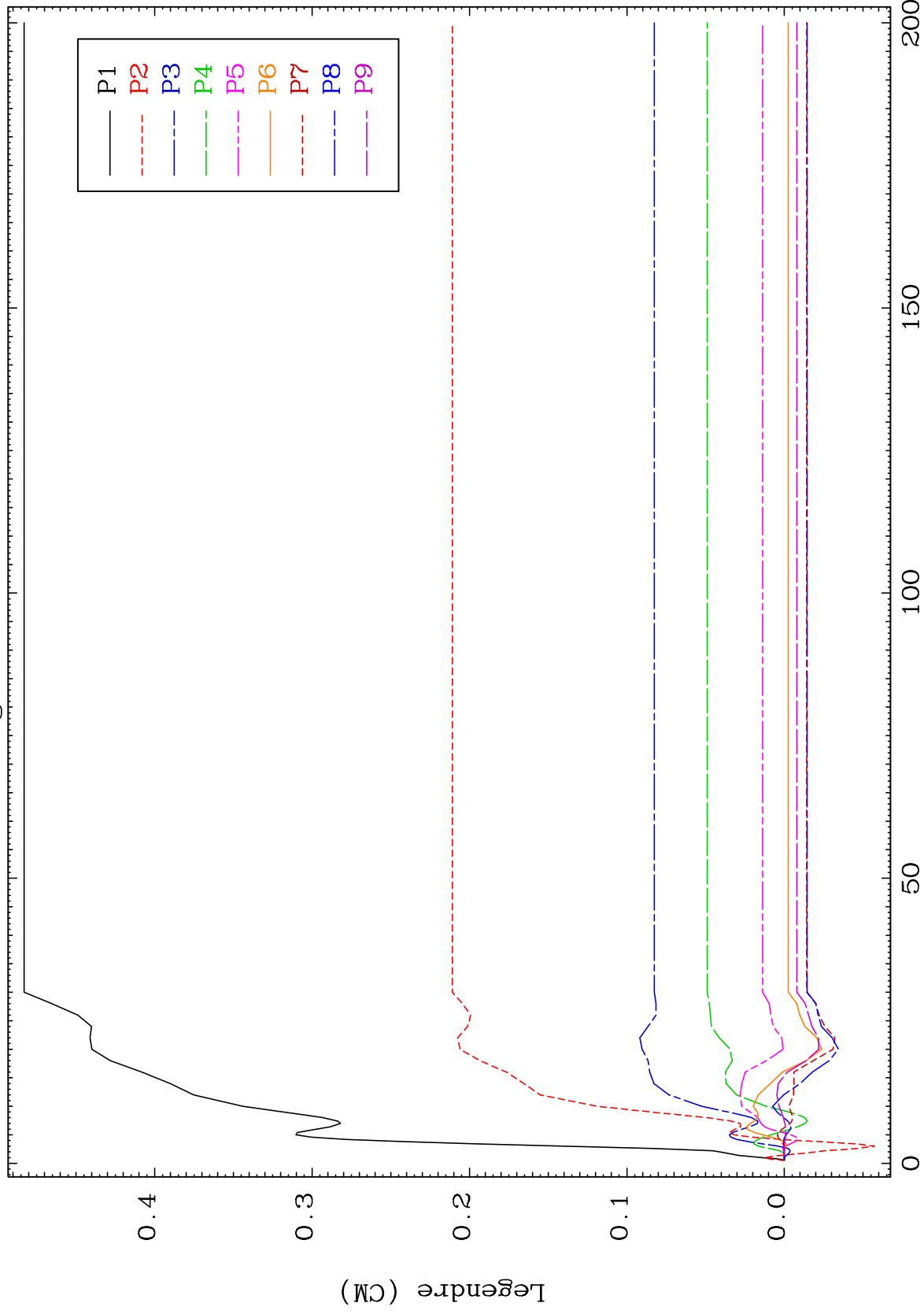




MAT 6695

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

67-Ho-155



57

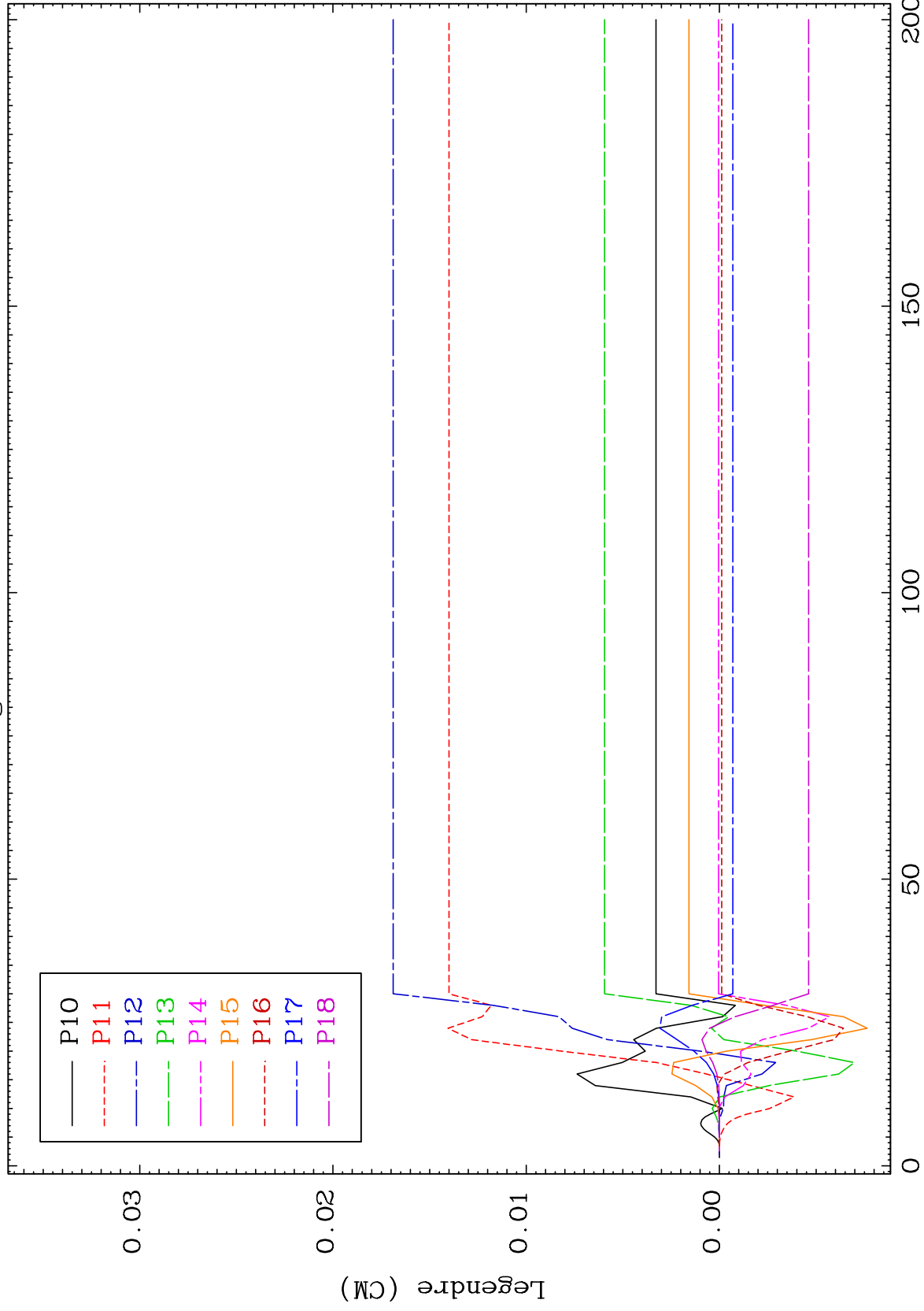
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



58

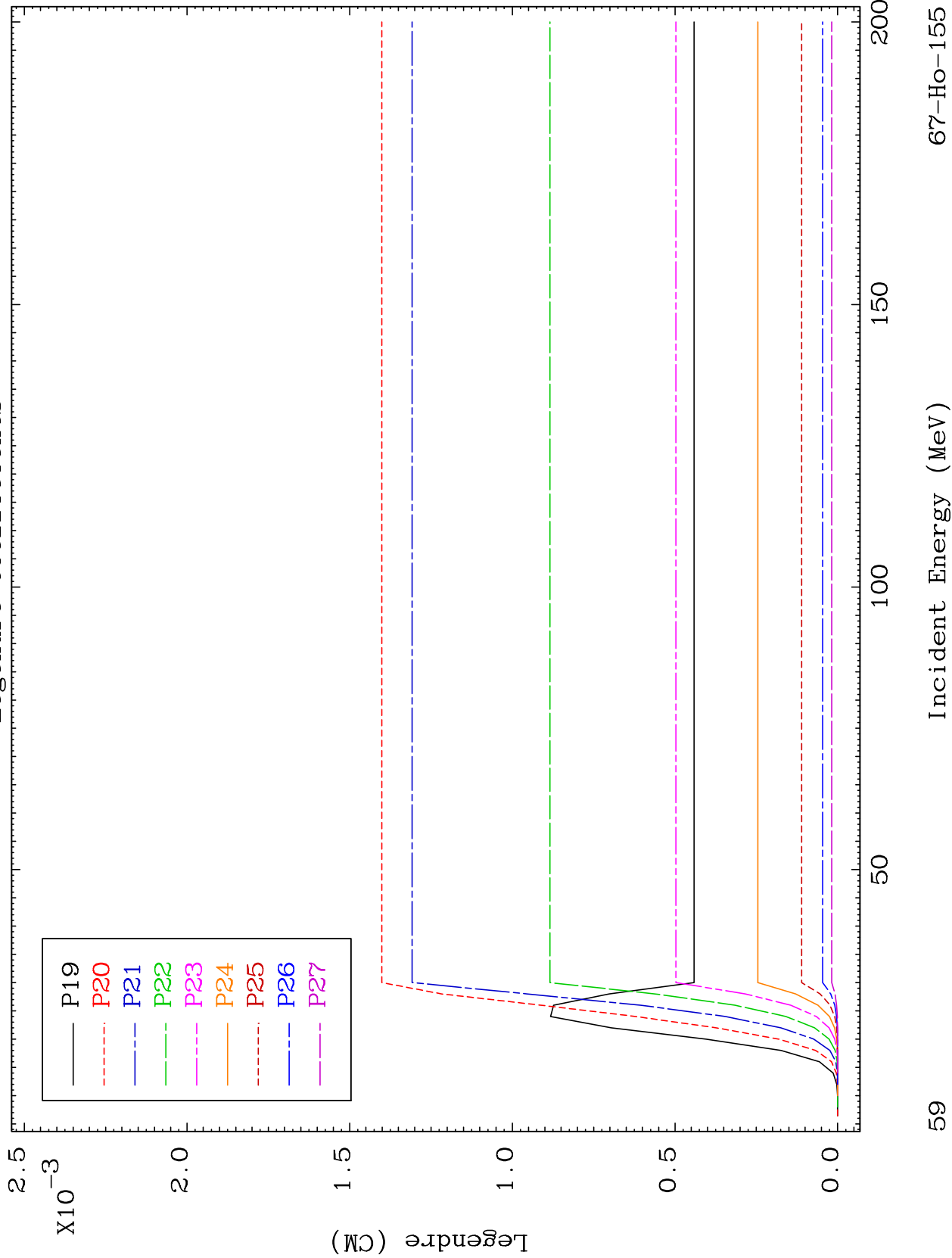
Incident Energy (MeV)

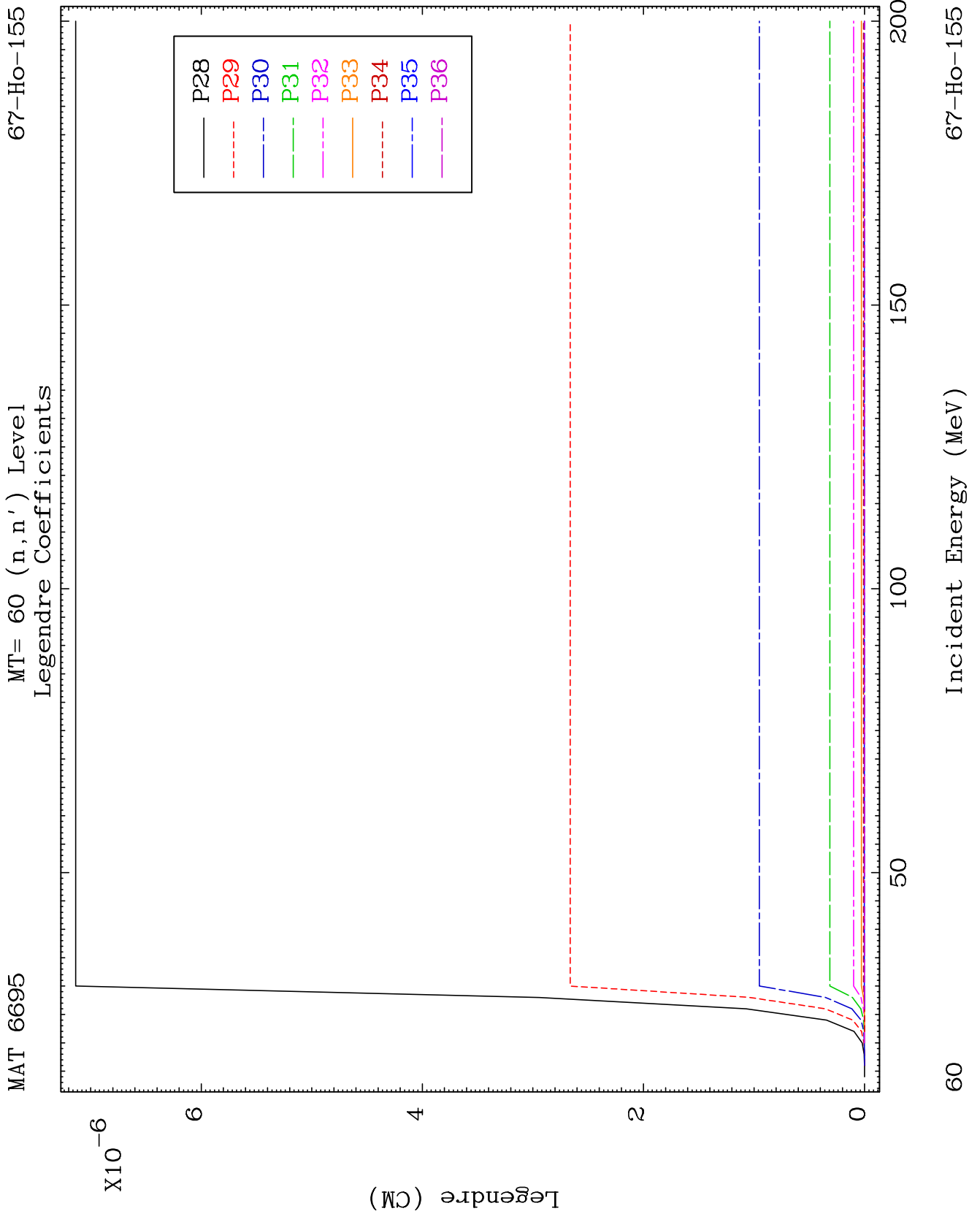
67-Ho-155

MAT 6695

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

67-Ho-155

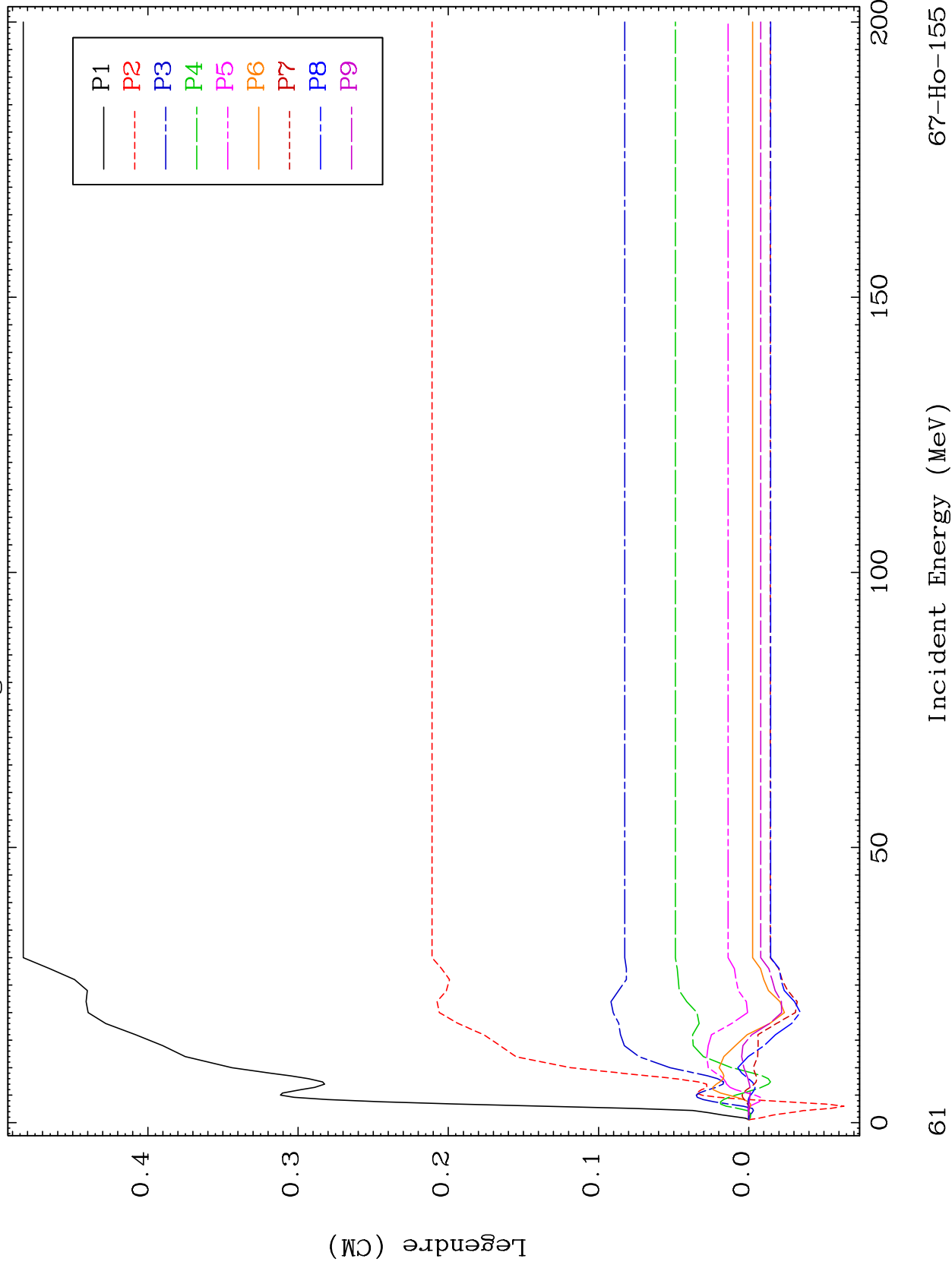




MAT 6695

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

67-Ho-155



61

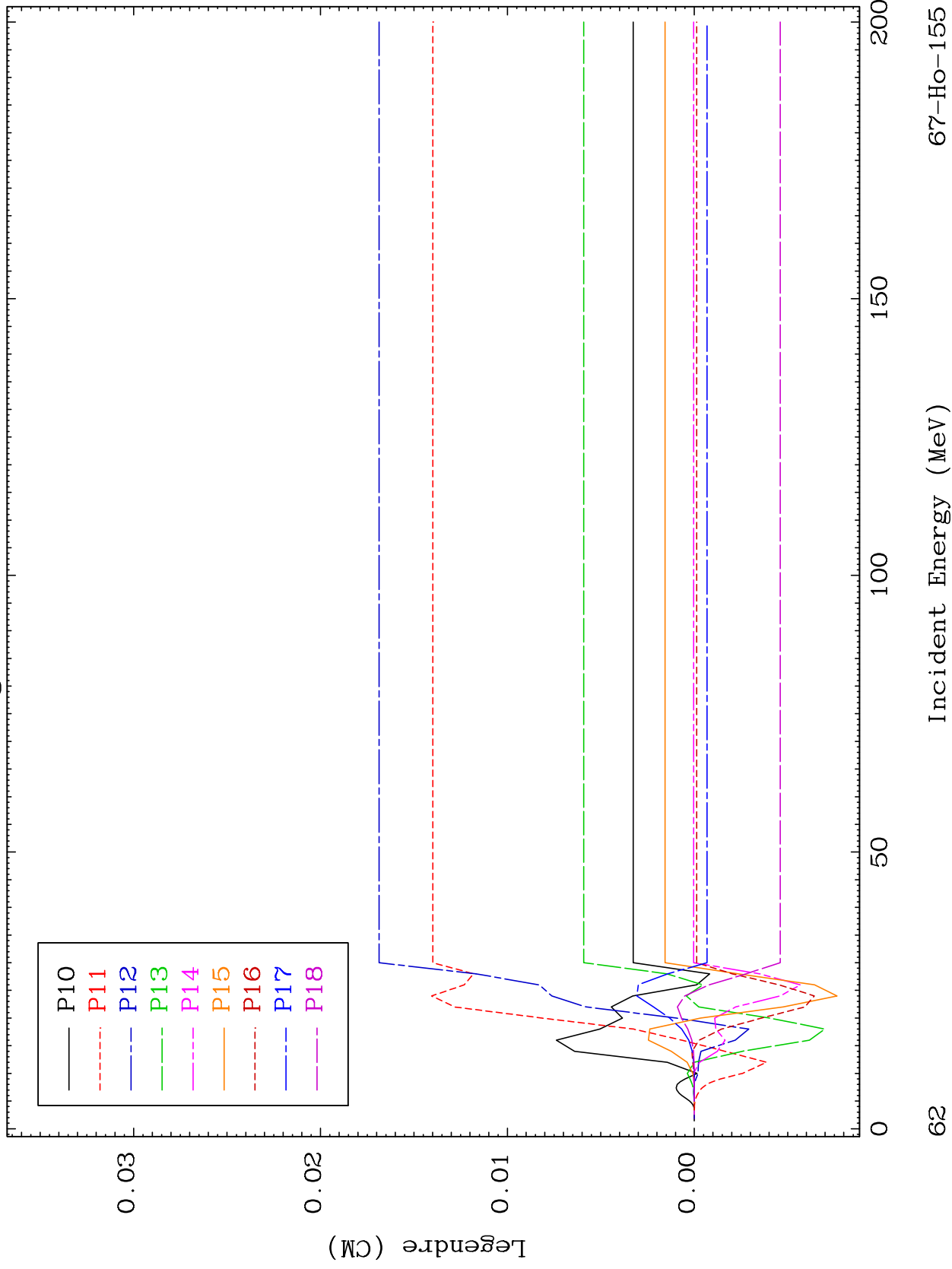
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



67-Ho-155

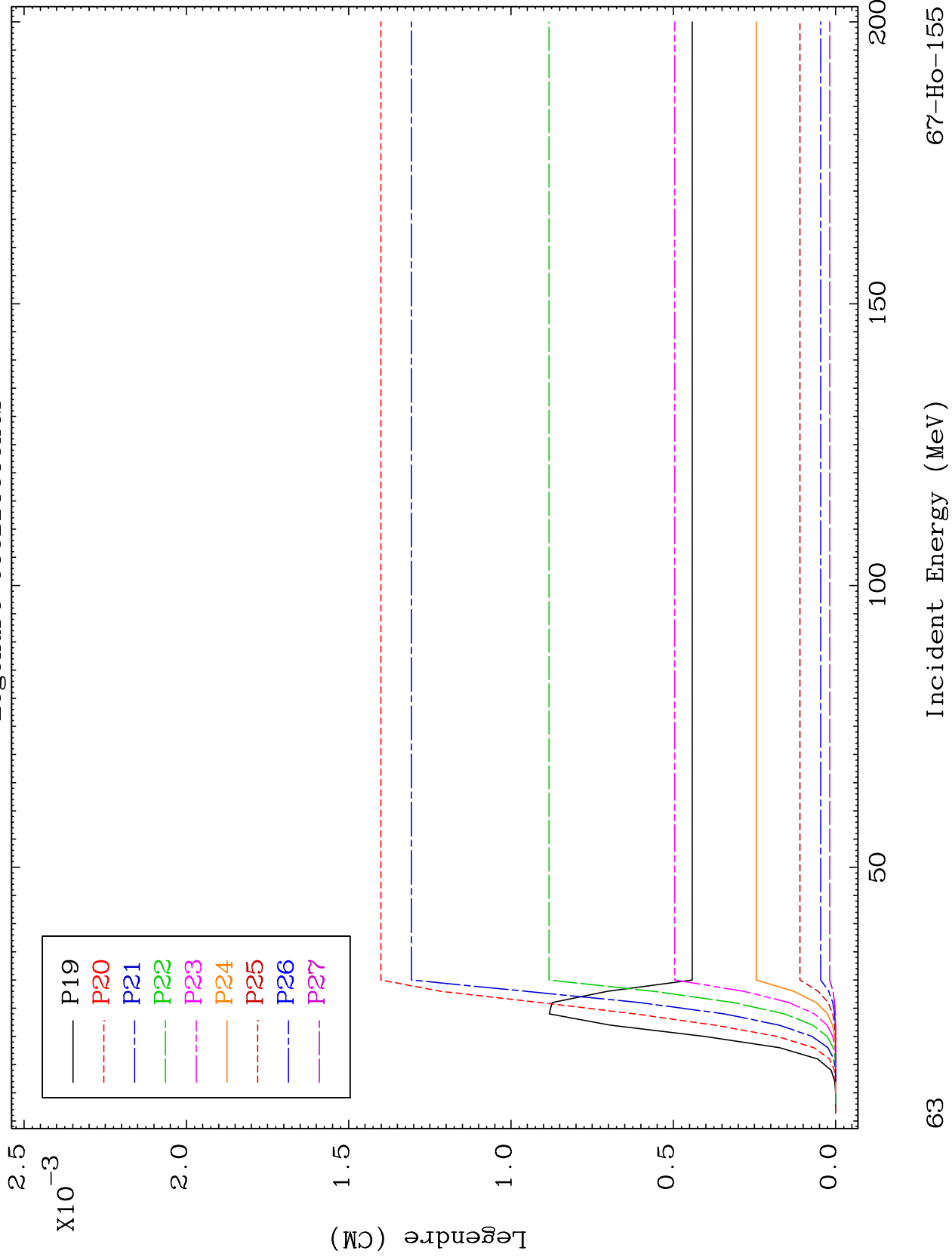
Incident Energy (MeV)

62

MAT 6695

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

67-Ho-155



63

Incident Energy (MeV)

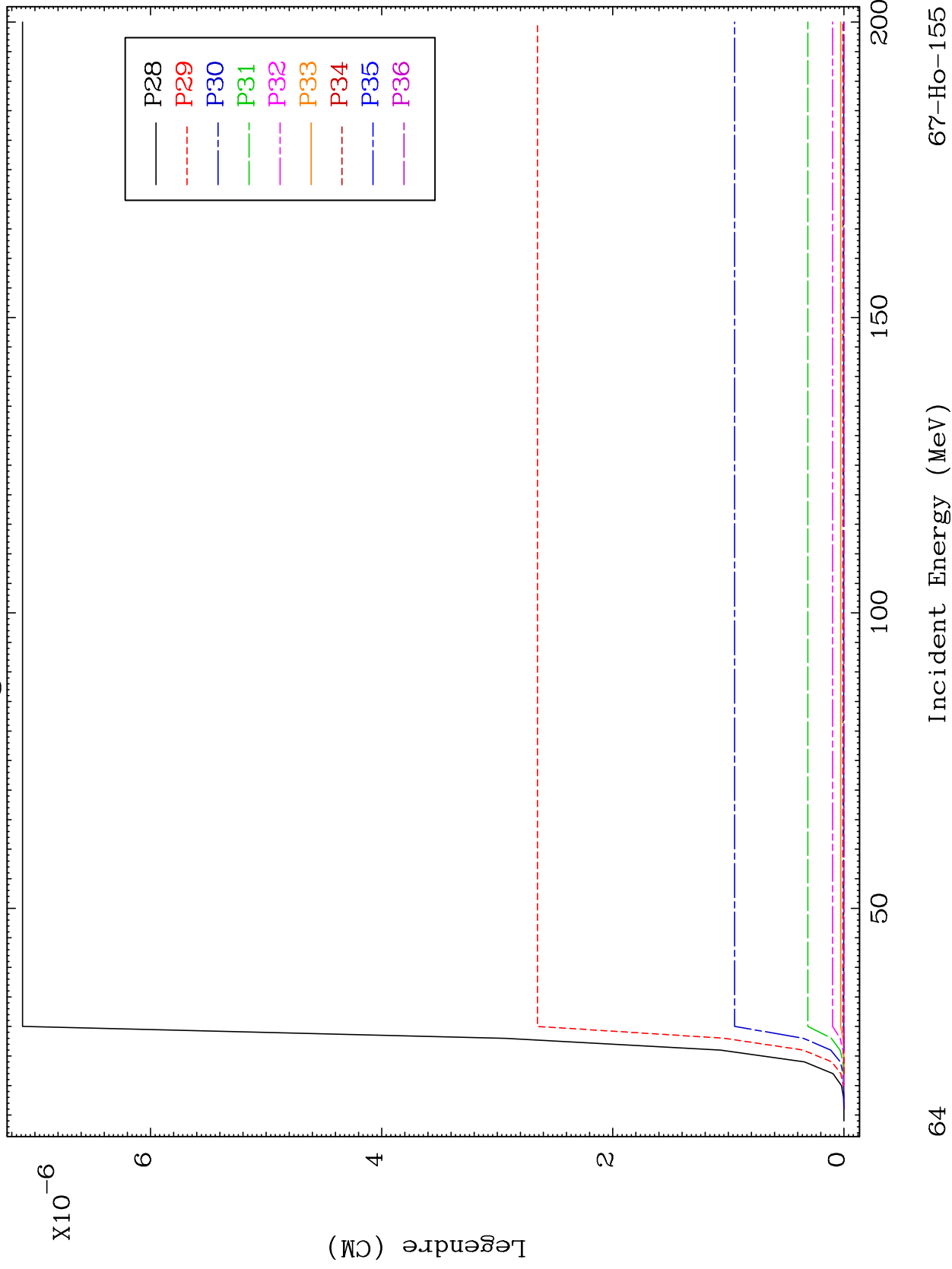
67-Ho-155



MAT 6695

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

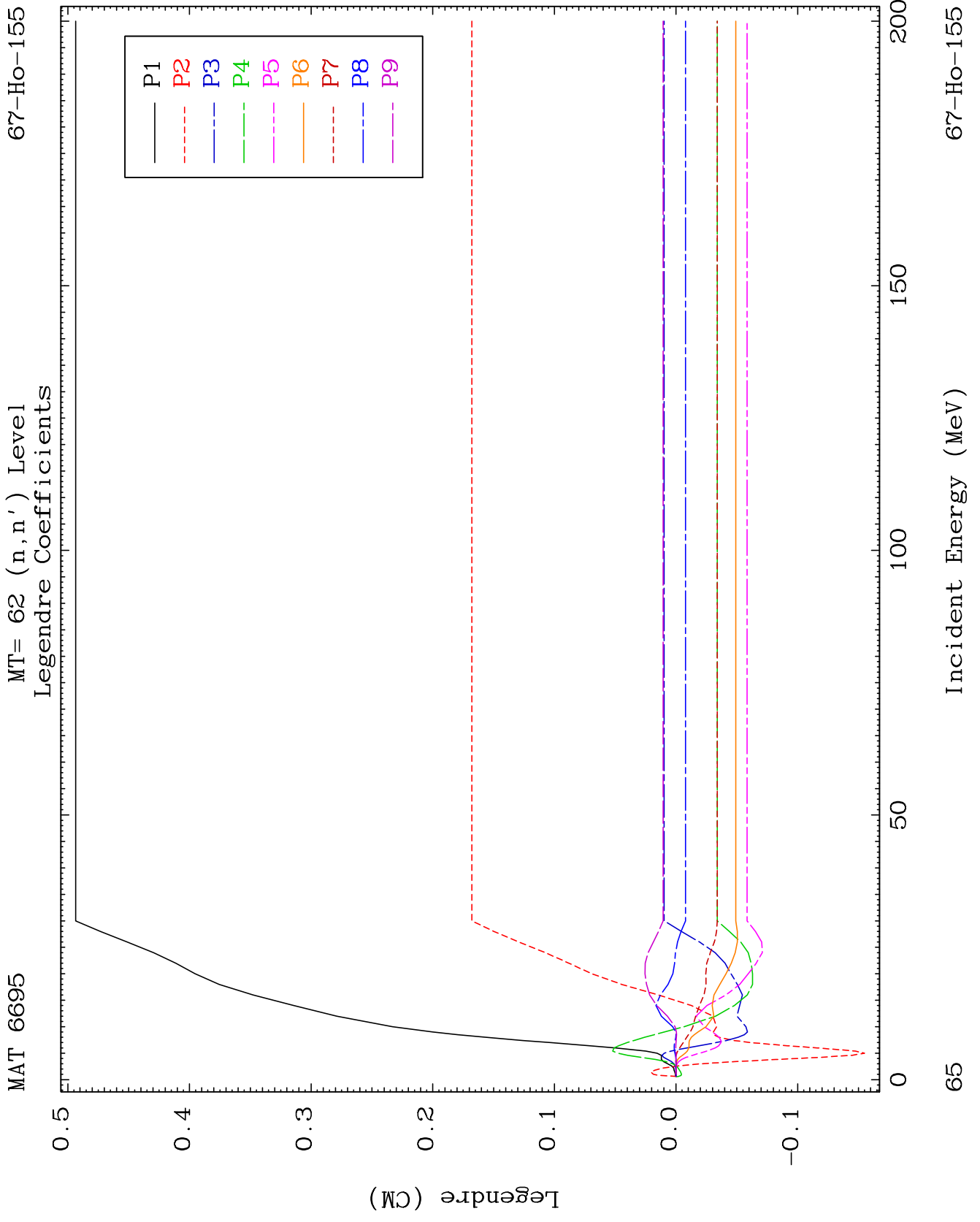
67-Ho-155



64

Incident Energy (MeV)

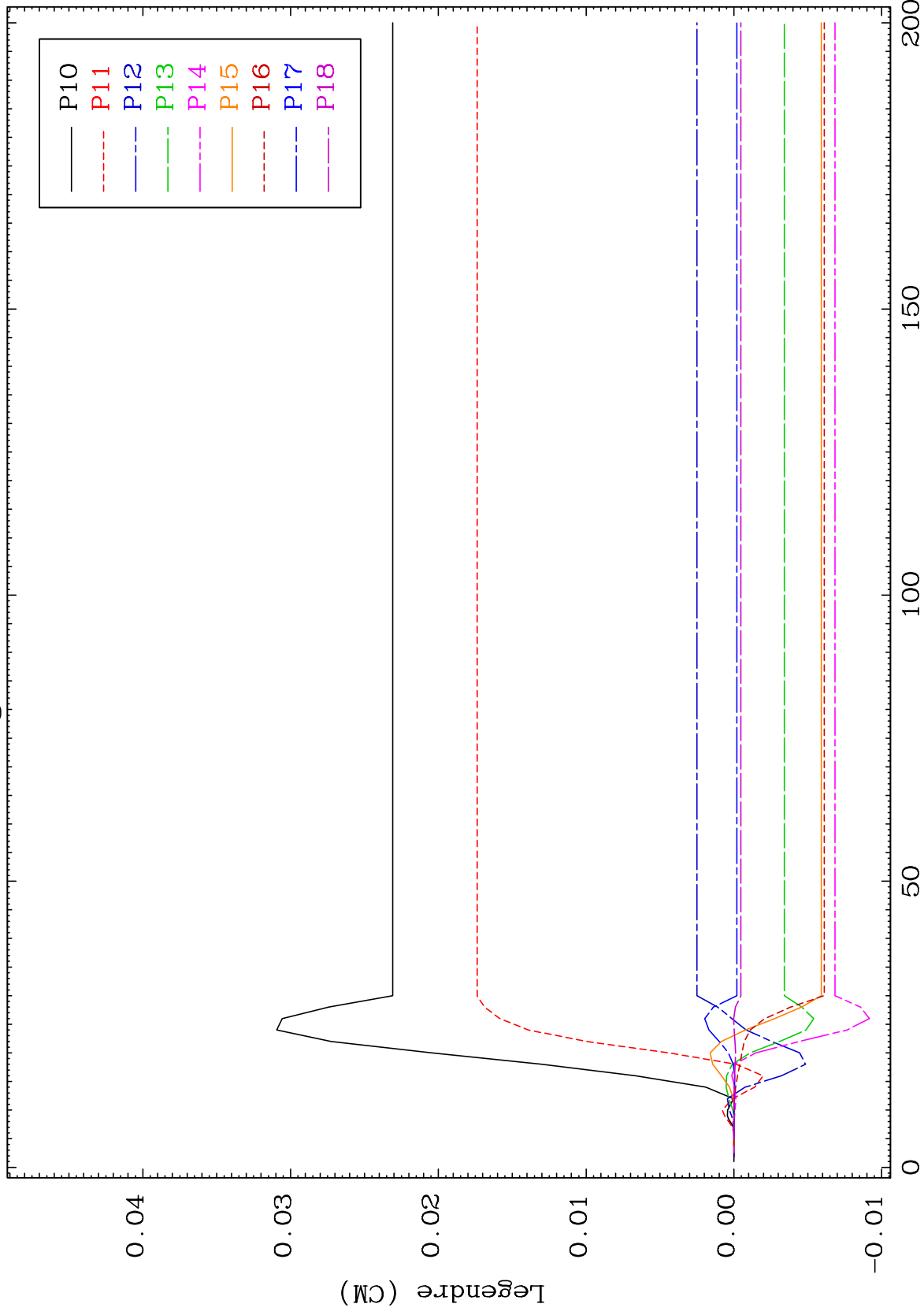
67-Ho-155



MAT 6695

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

67-Ho-155



66

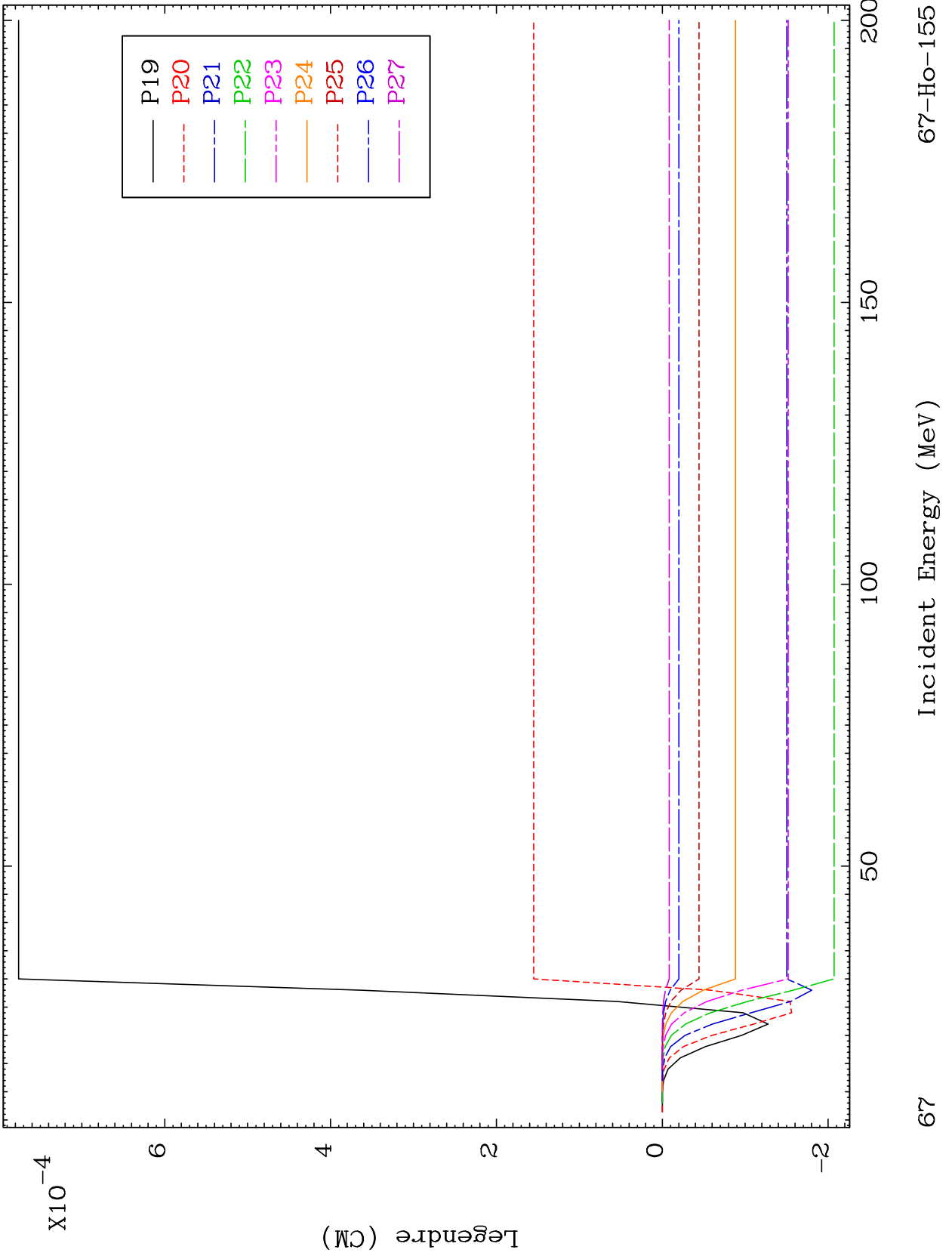
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

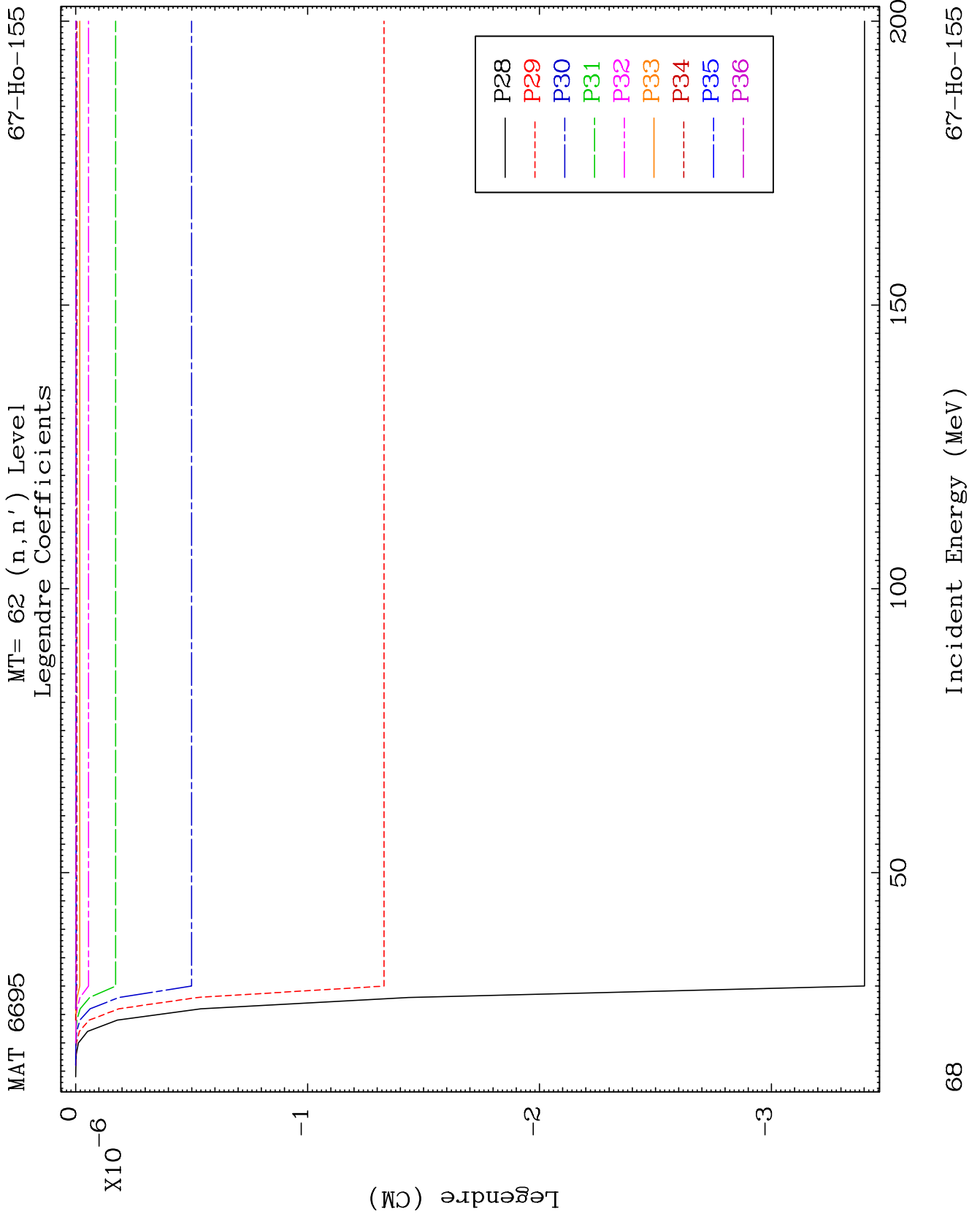
67-Ho-155



67

Incident Energy (MeV)

67-Ho-155

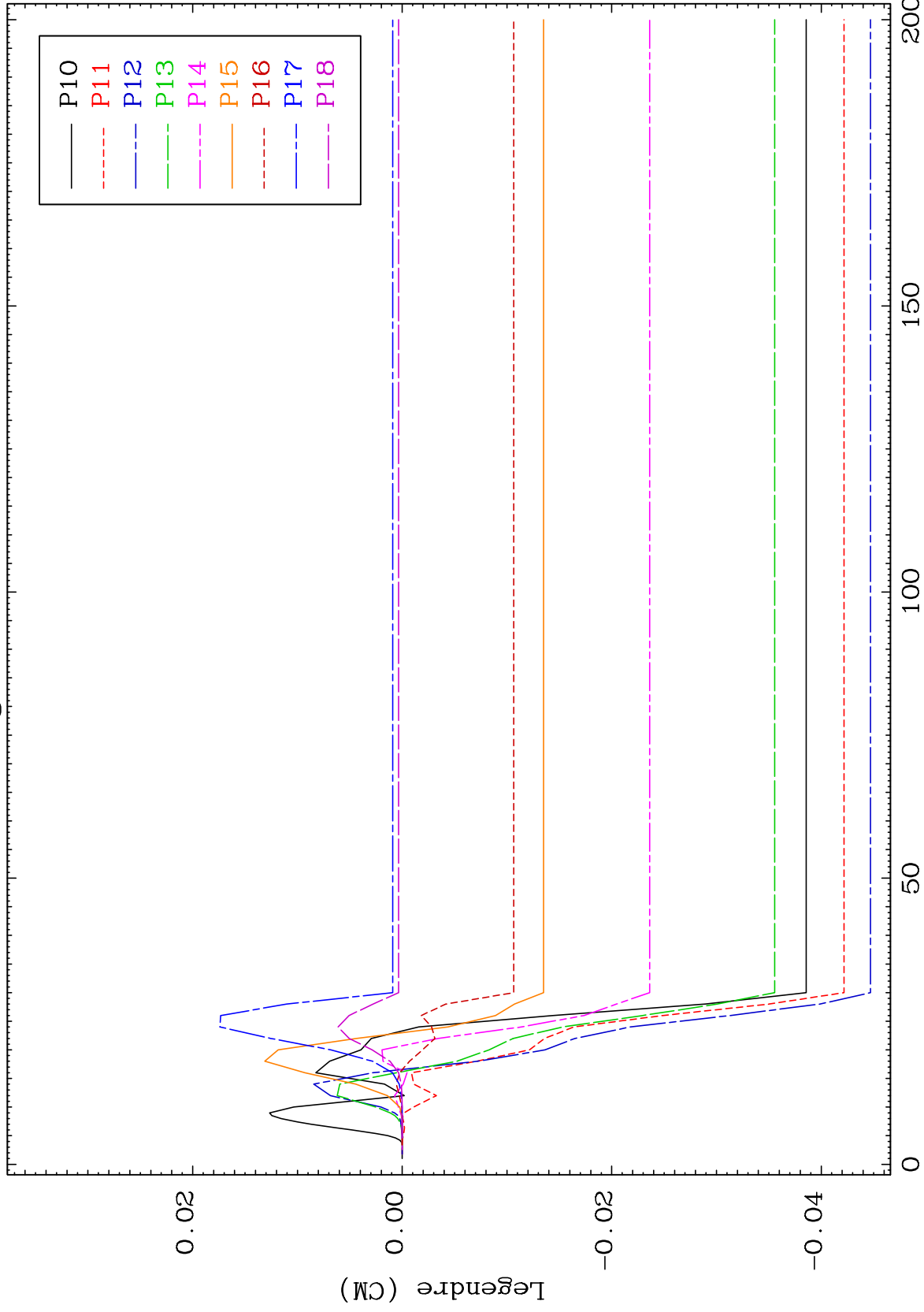




MAT 6695

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

67-Ho-155



70

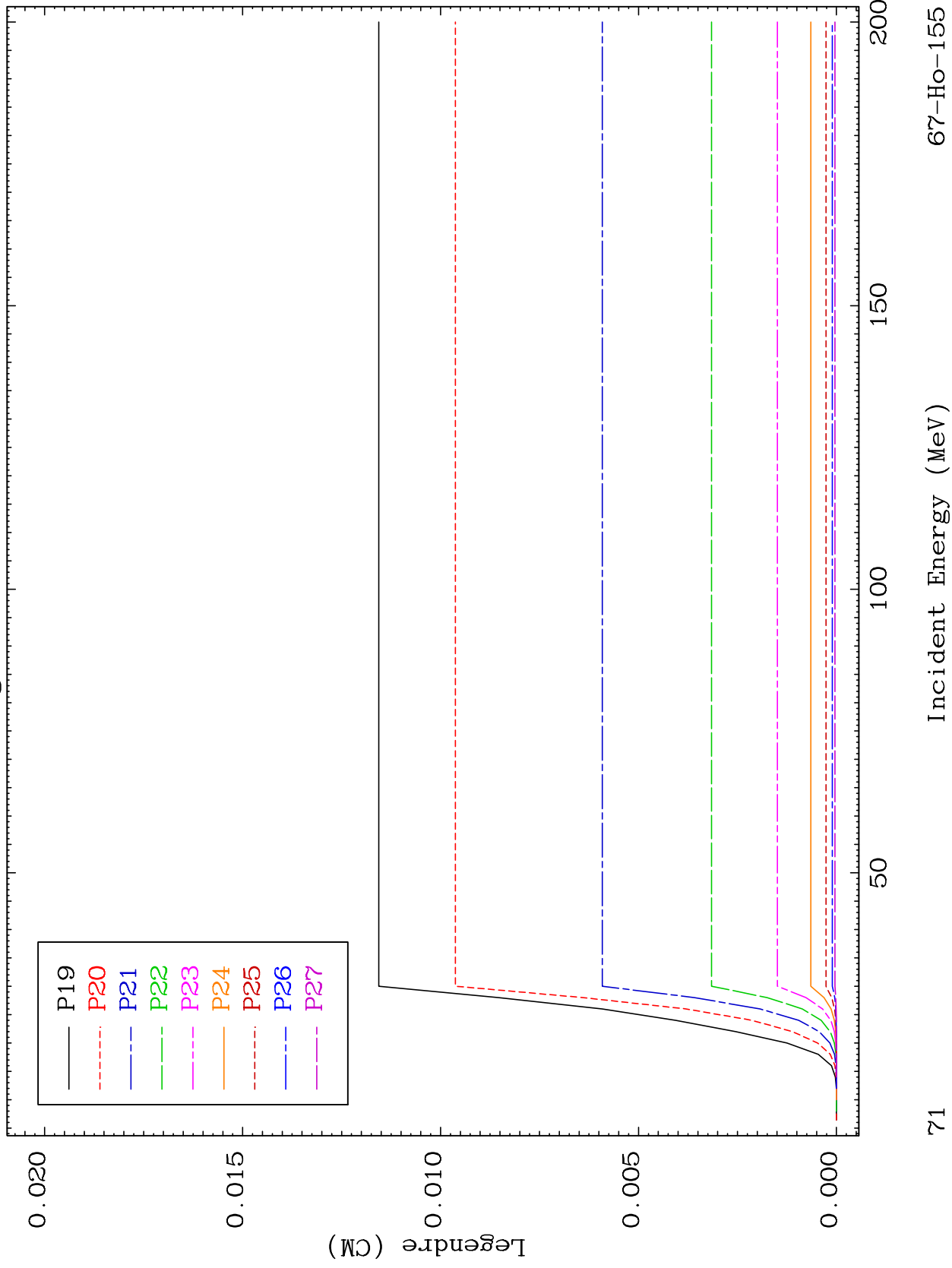
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



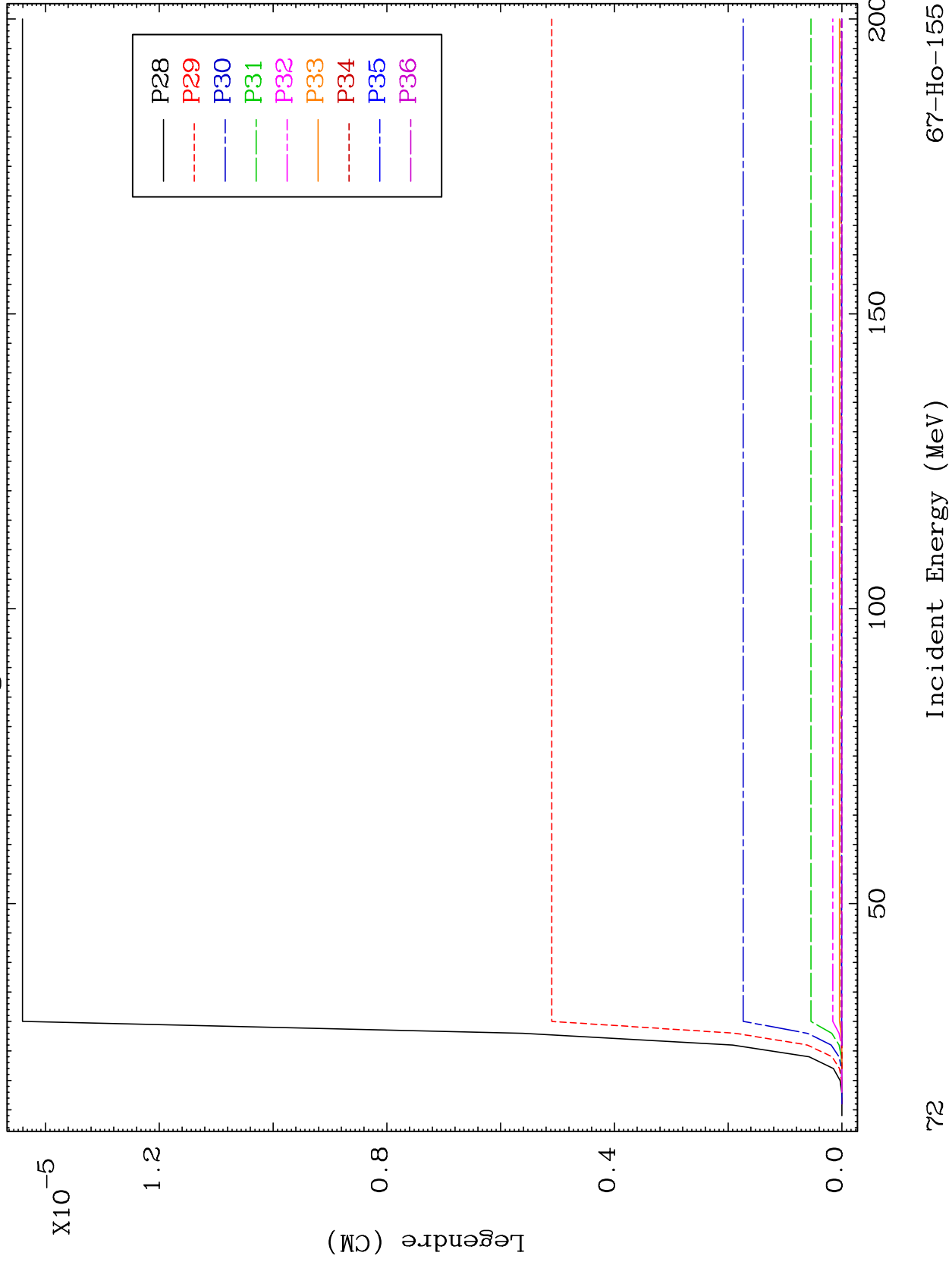
71



MAT 6695

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

67-Ho-155

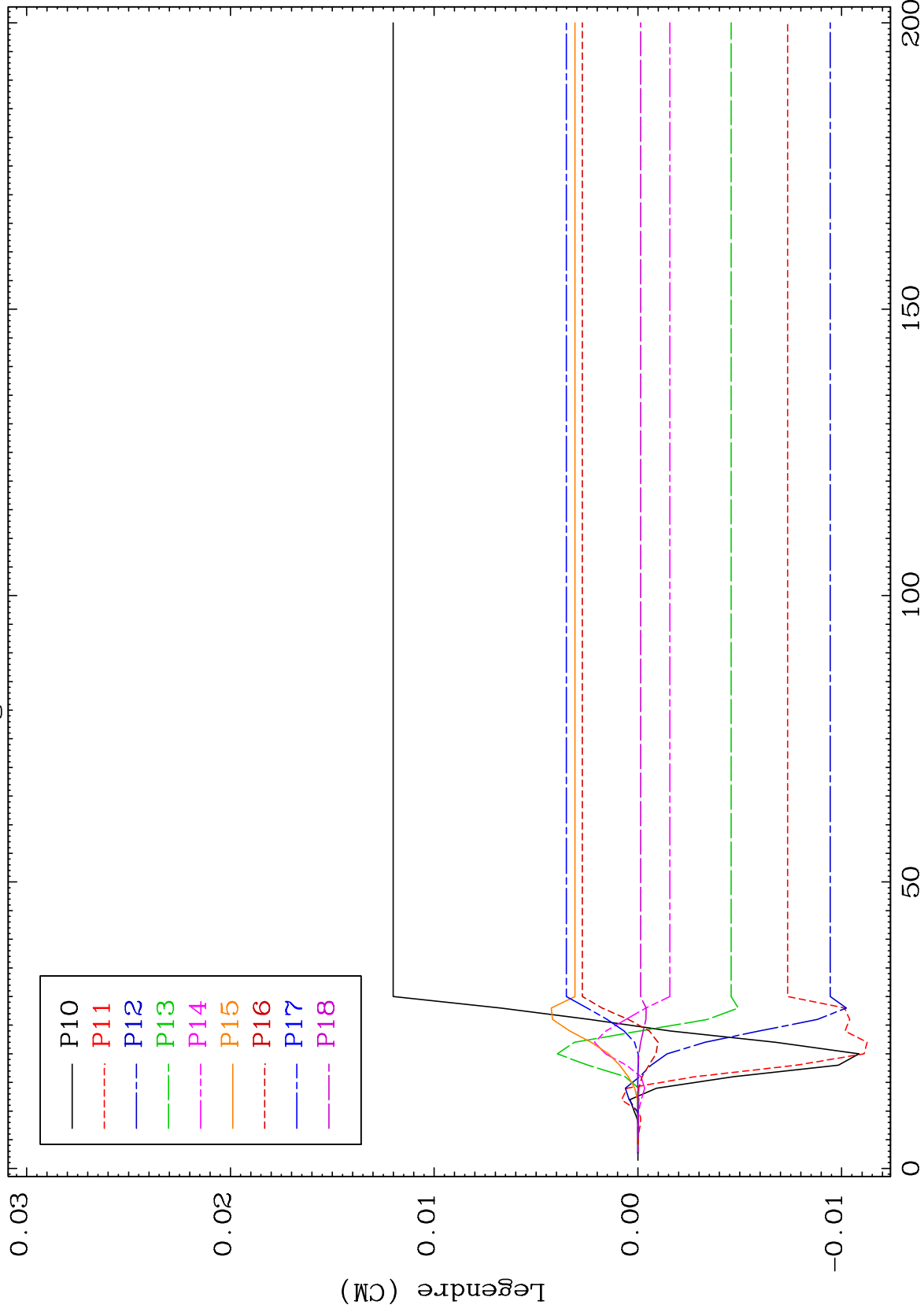




MAT 6695

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

67-Ho-155



74

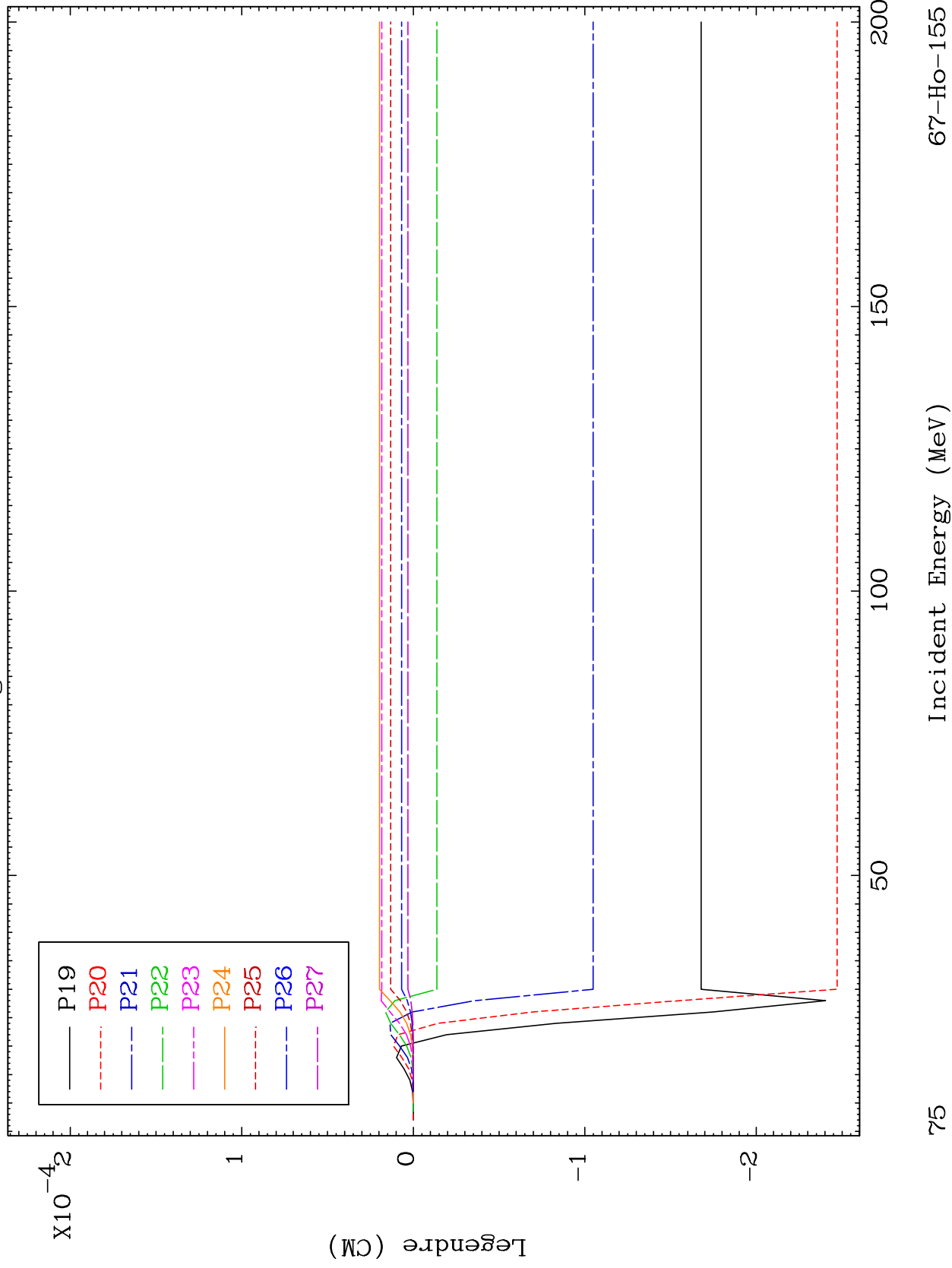
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

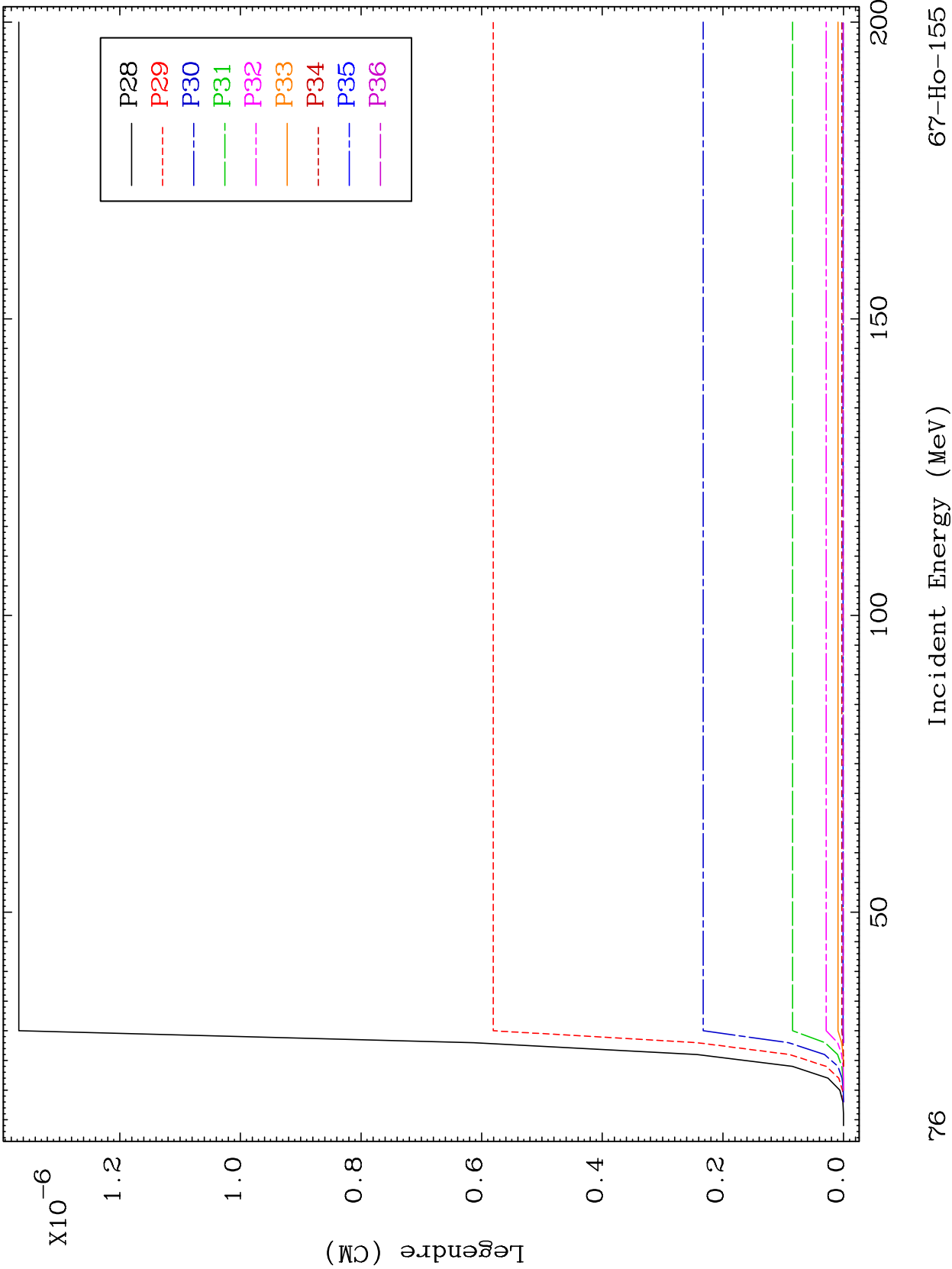
67-Ho-155



MAT 6695

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

67-Ho-155



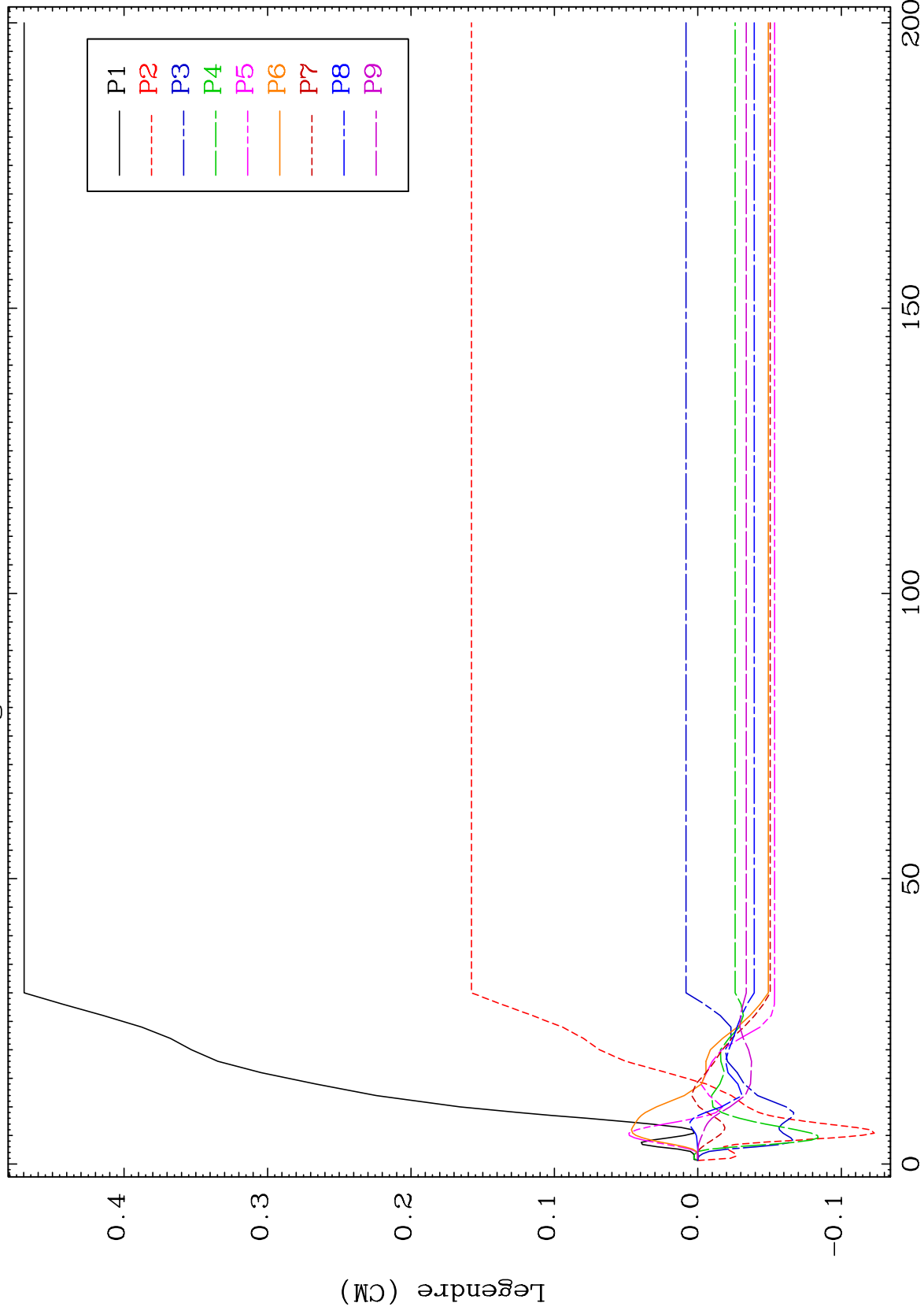
76

67-Ho-155

MAT 6695

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

67-Ho-155



77

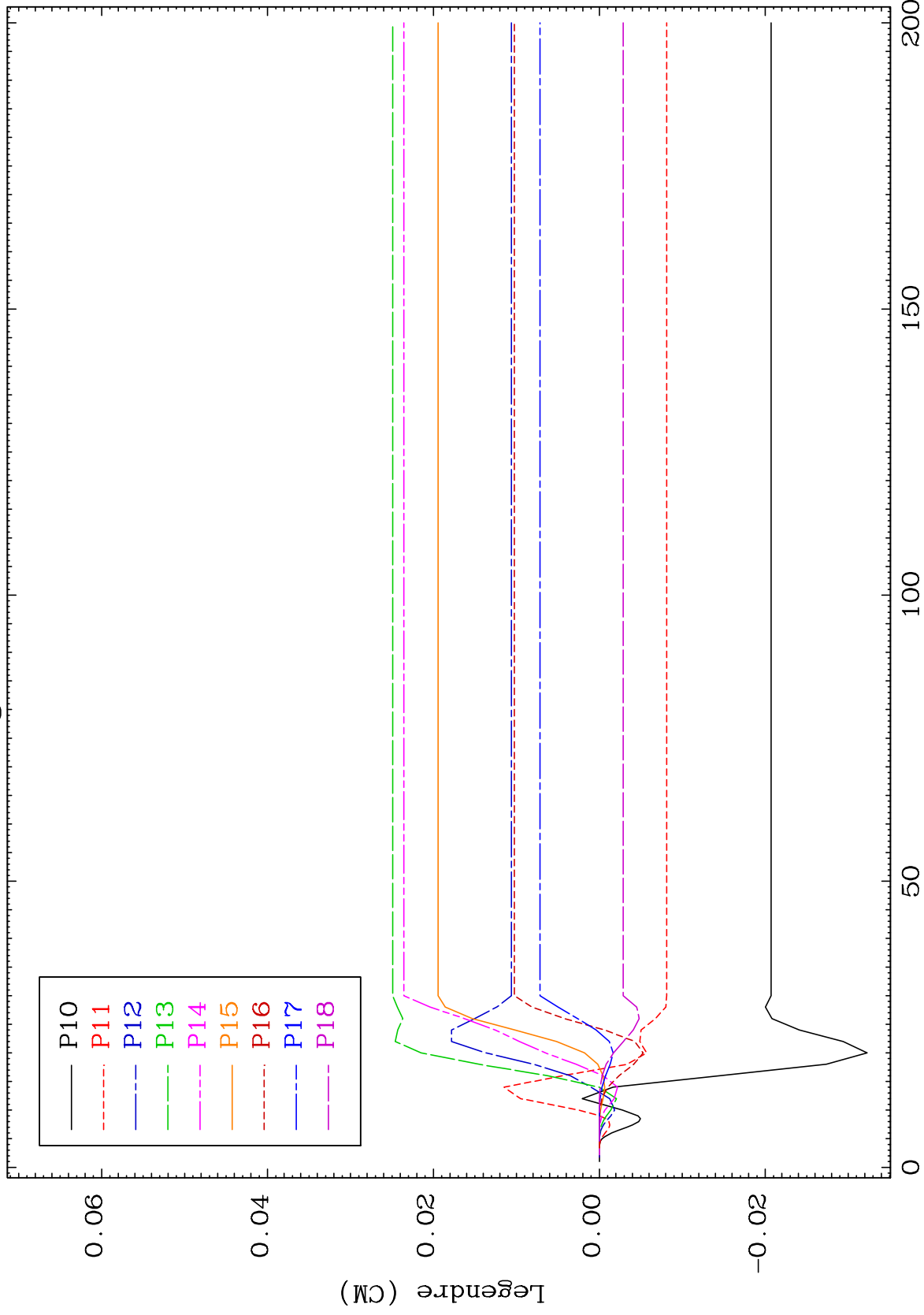
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



78

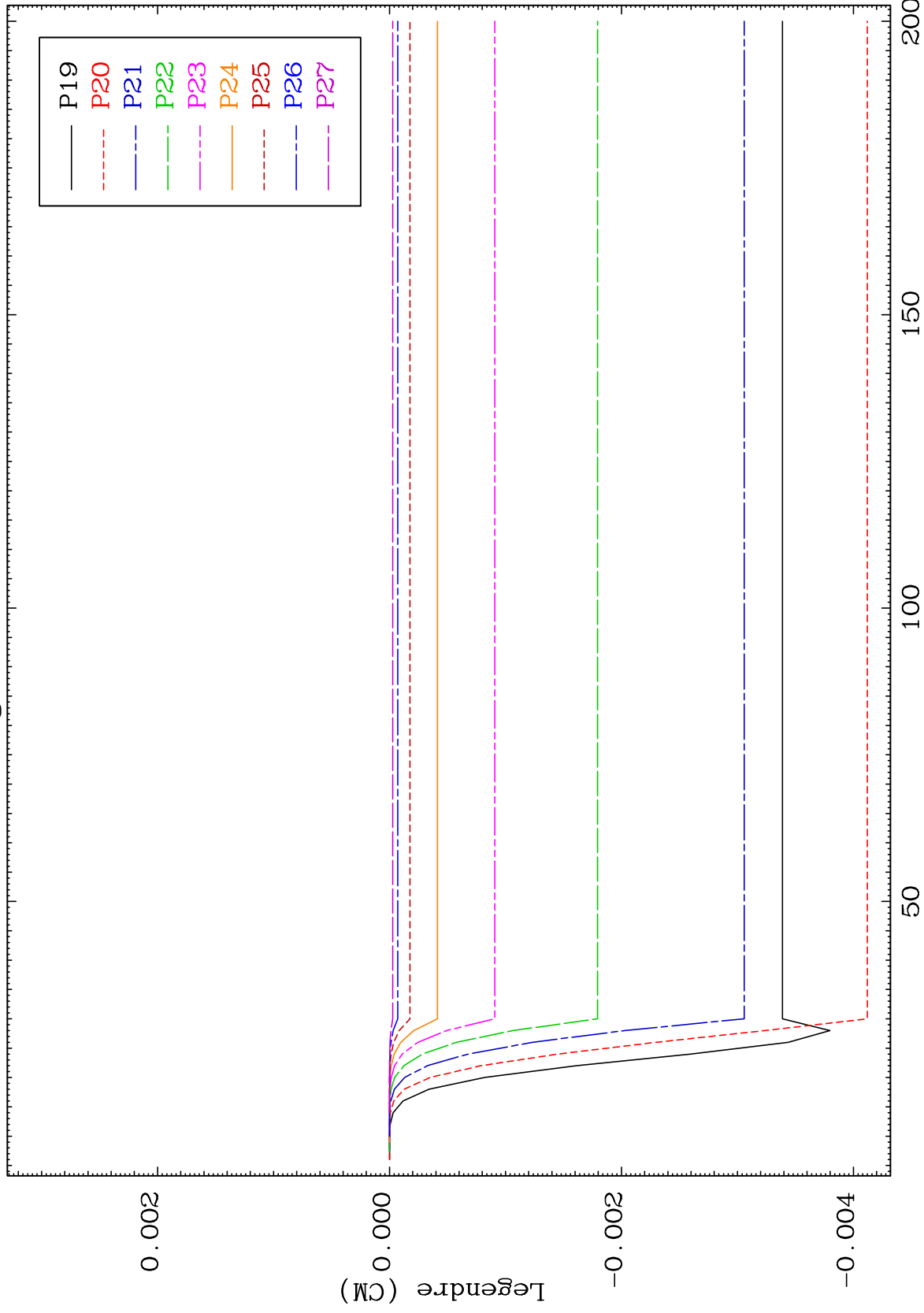
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155

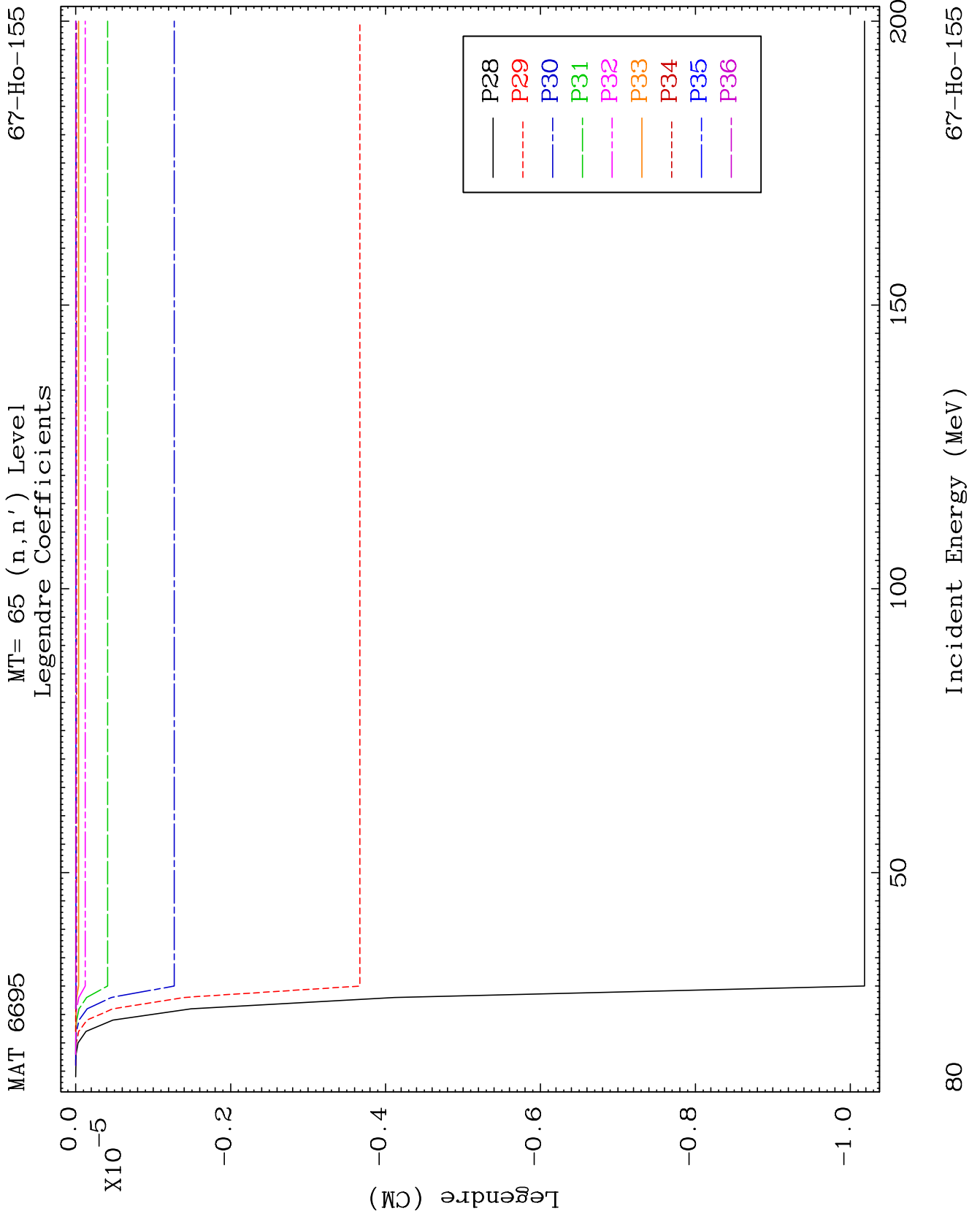


79

Incident Energy (MeV)

67-Ho-155

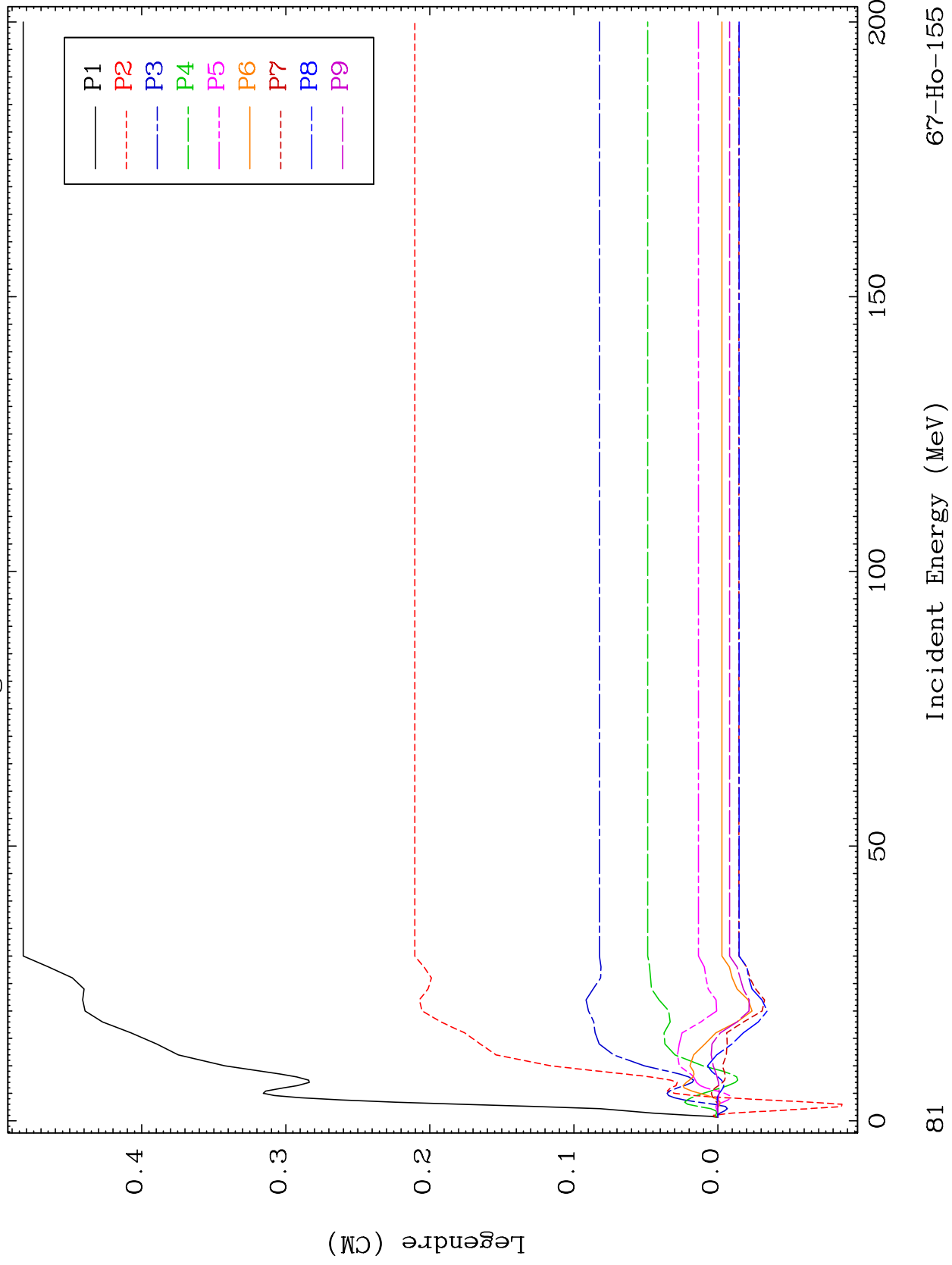




MAT 6695

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

67-Ho-155



81

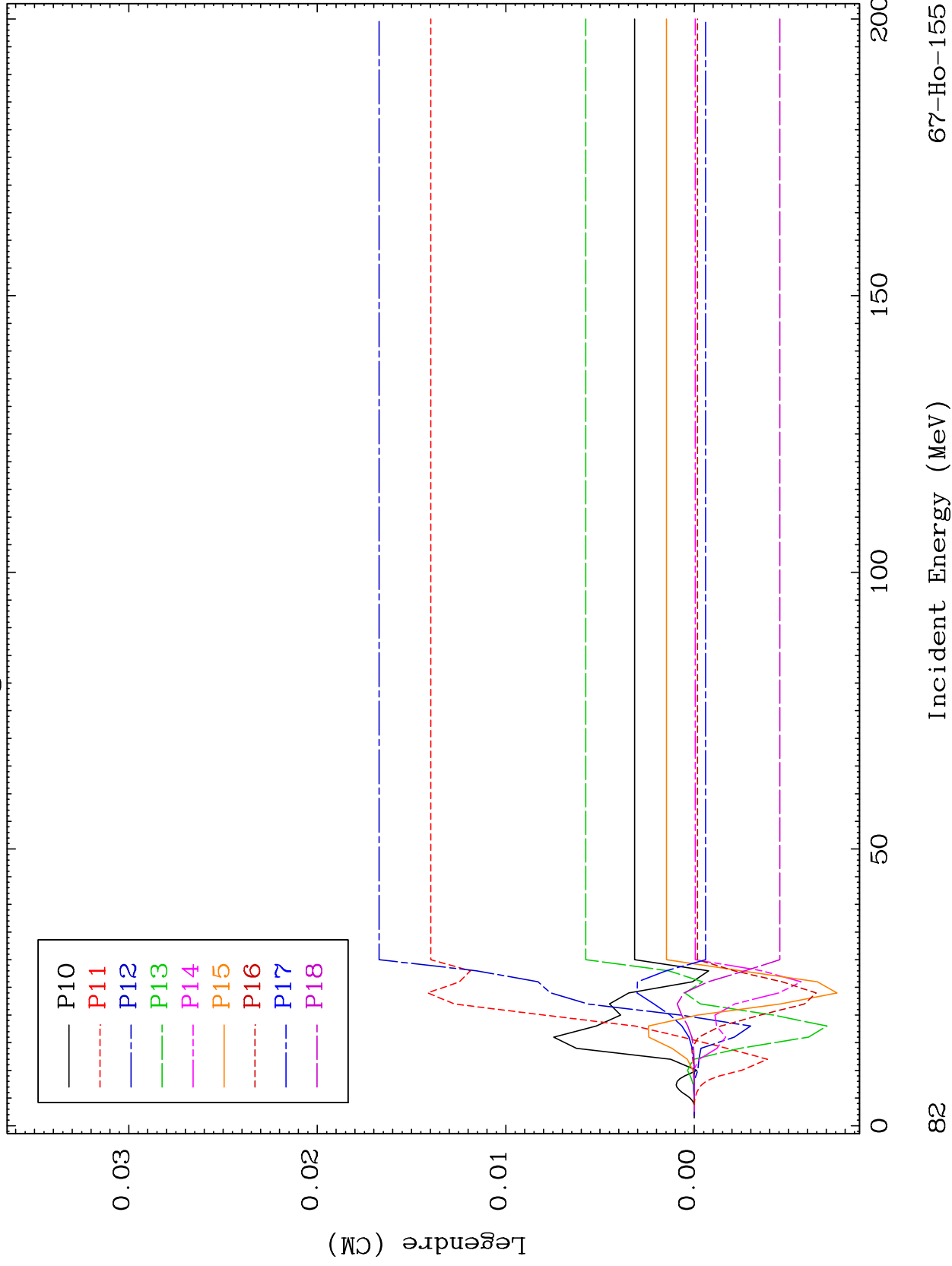
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



82

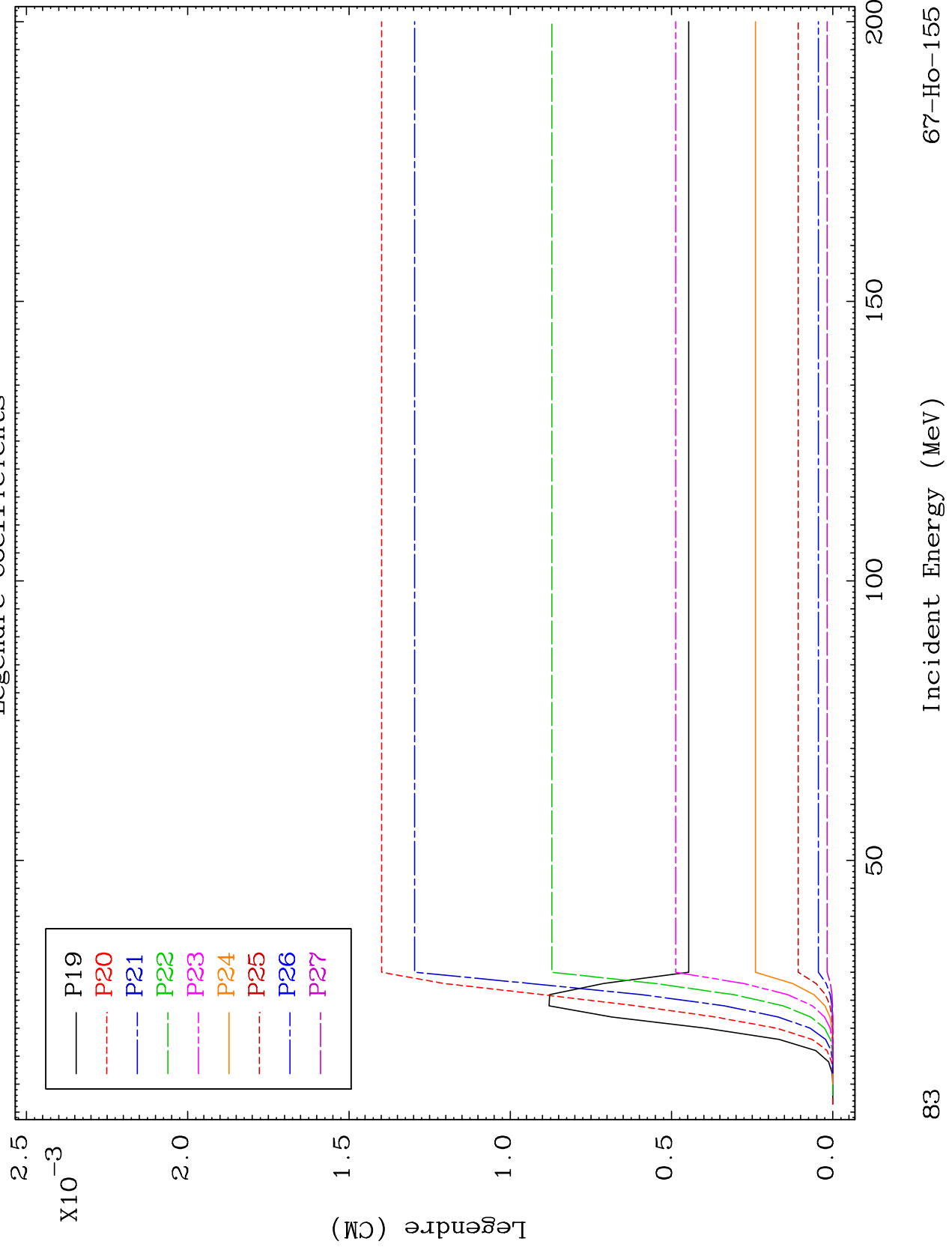
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

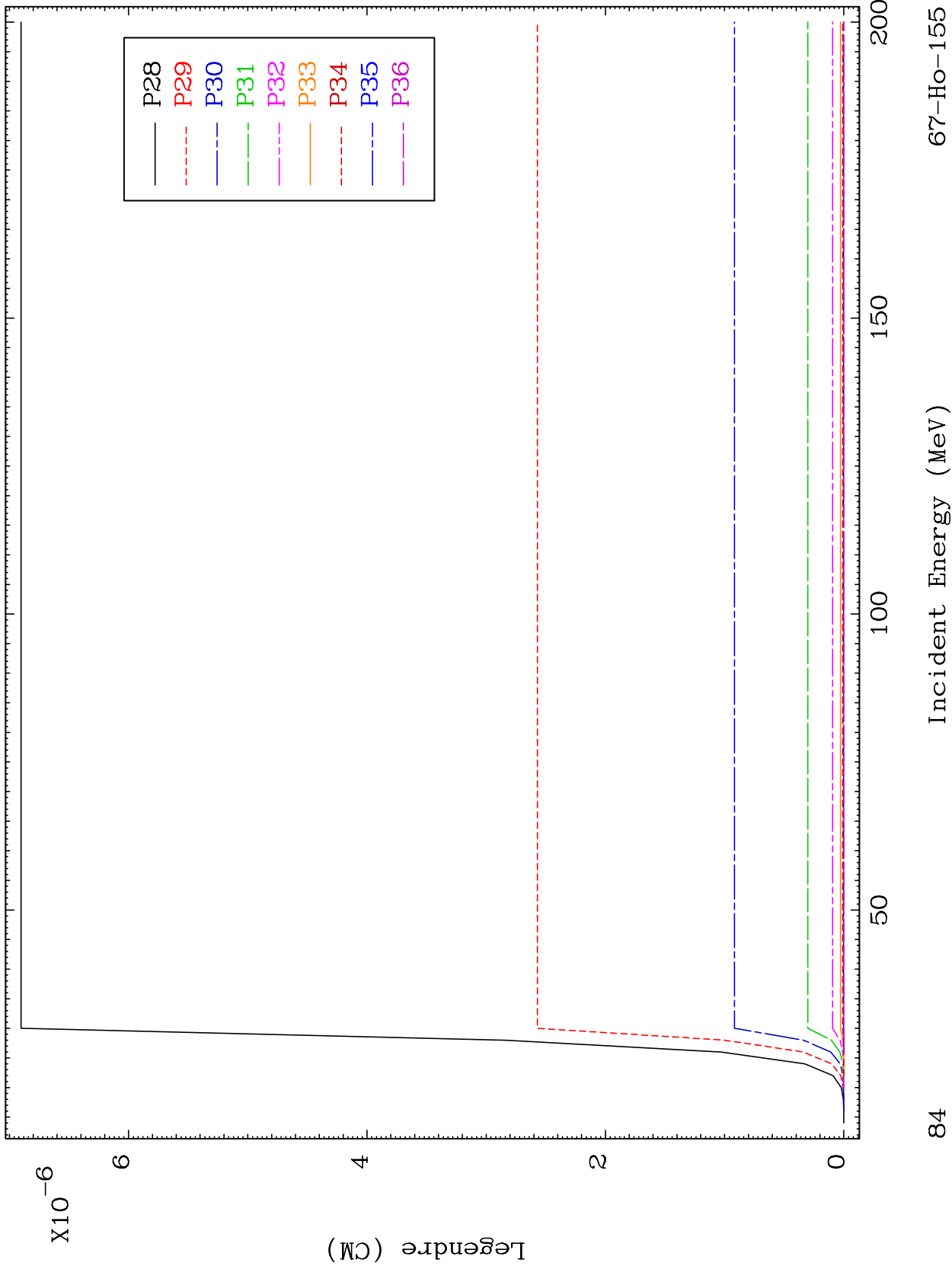
67-Ho-155



MAT 6695

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

67-Ho-155



84

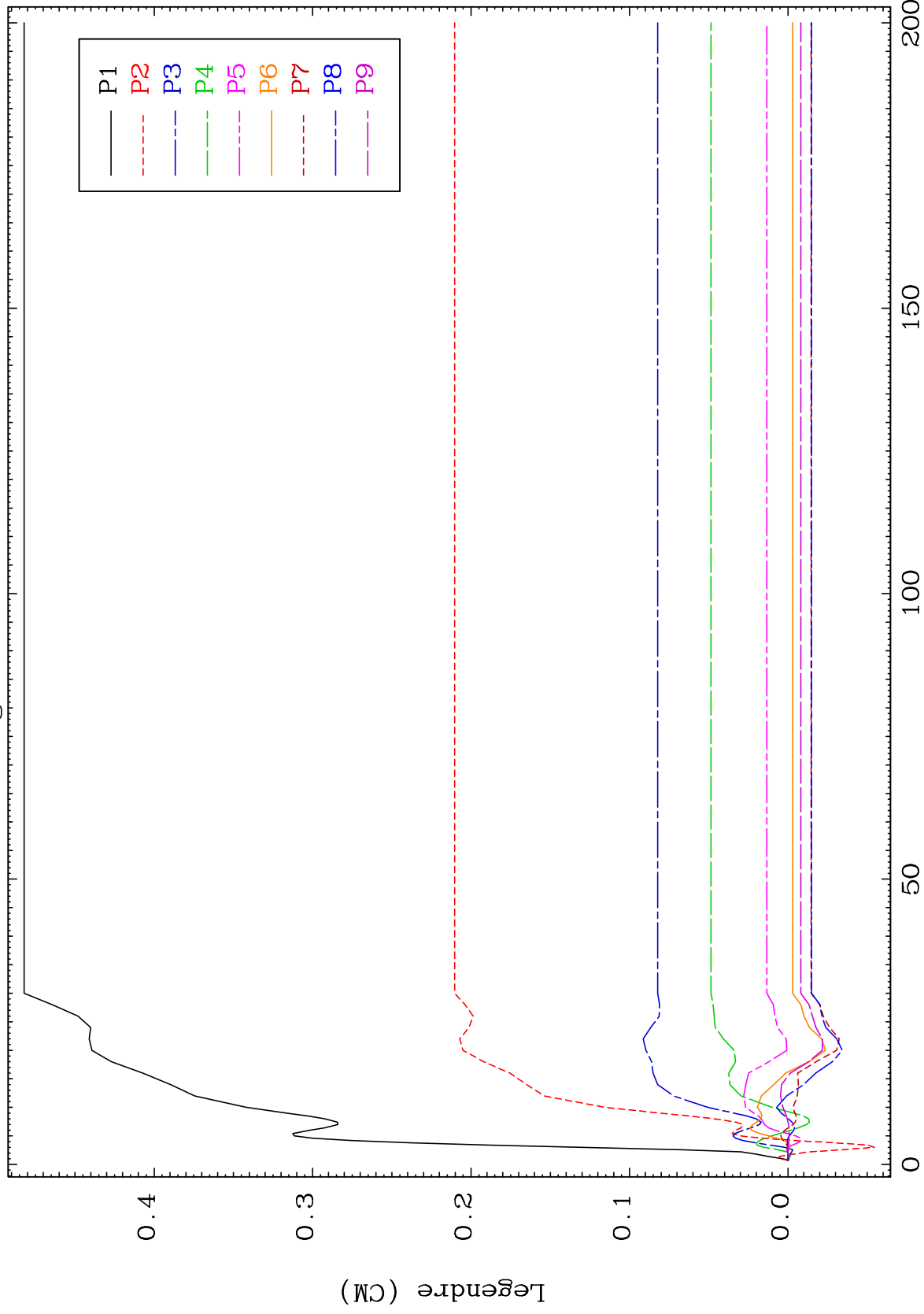
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



85

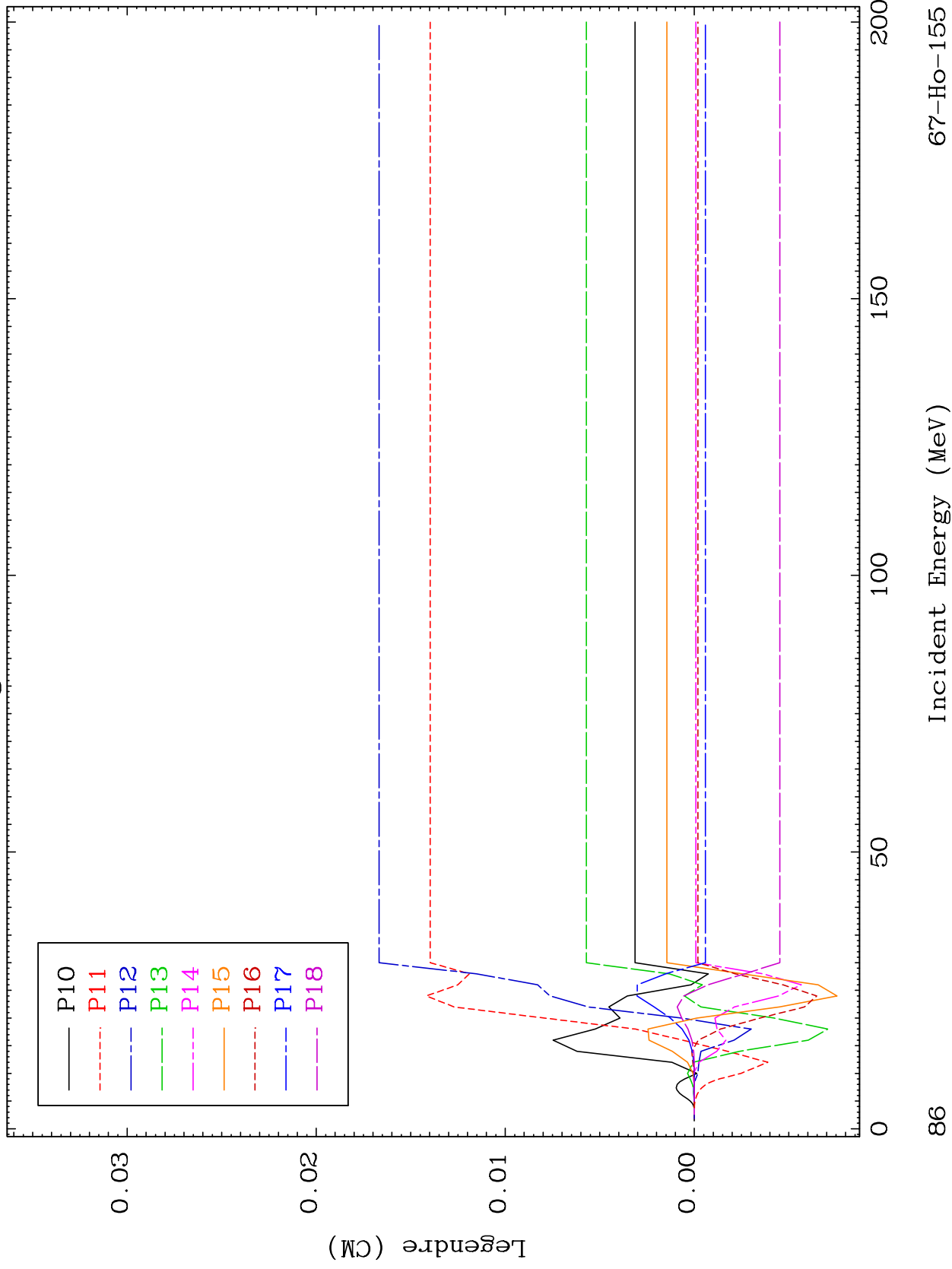
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



86

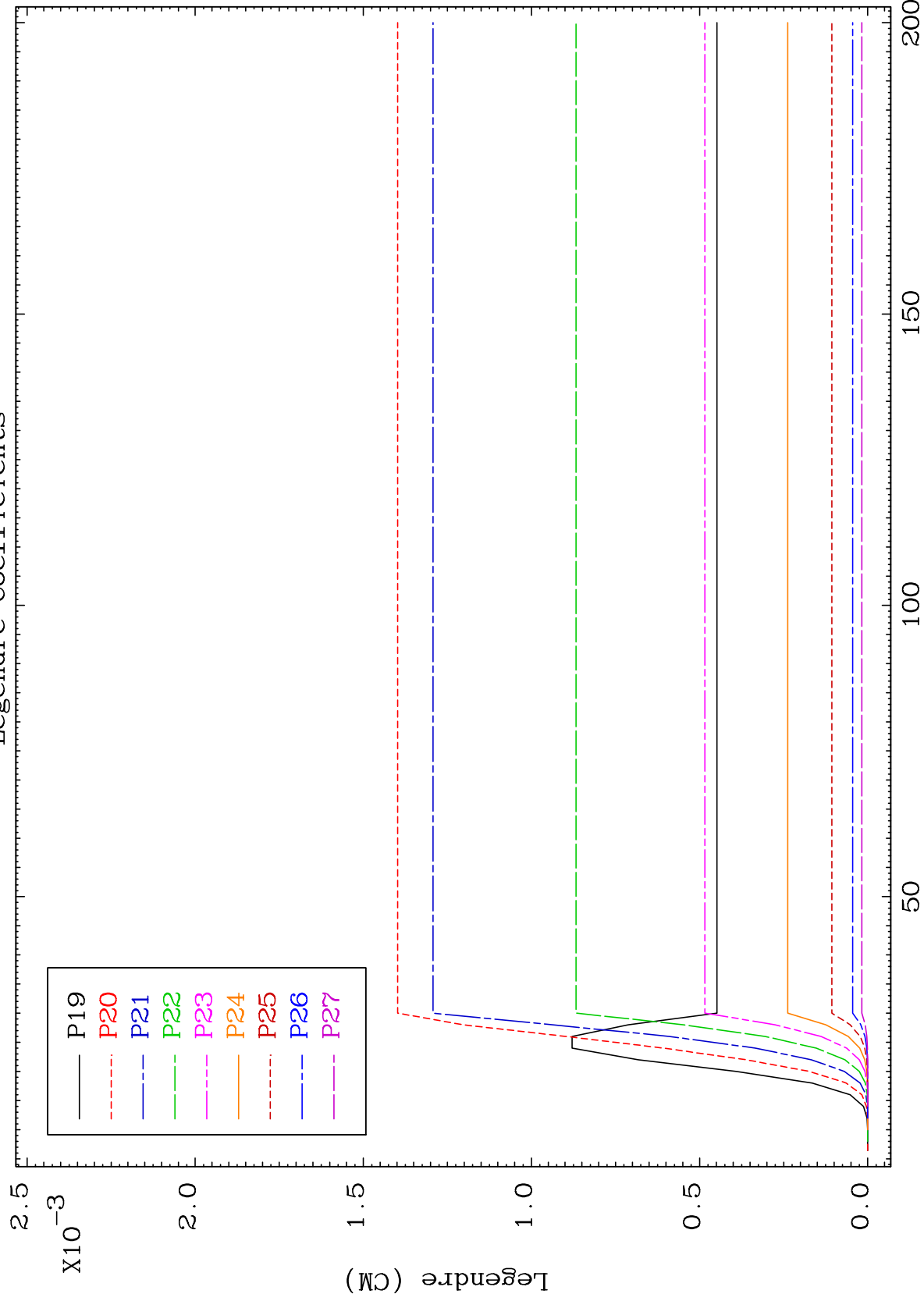
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



87

Incident Energy (MeV)

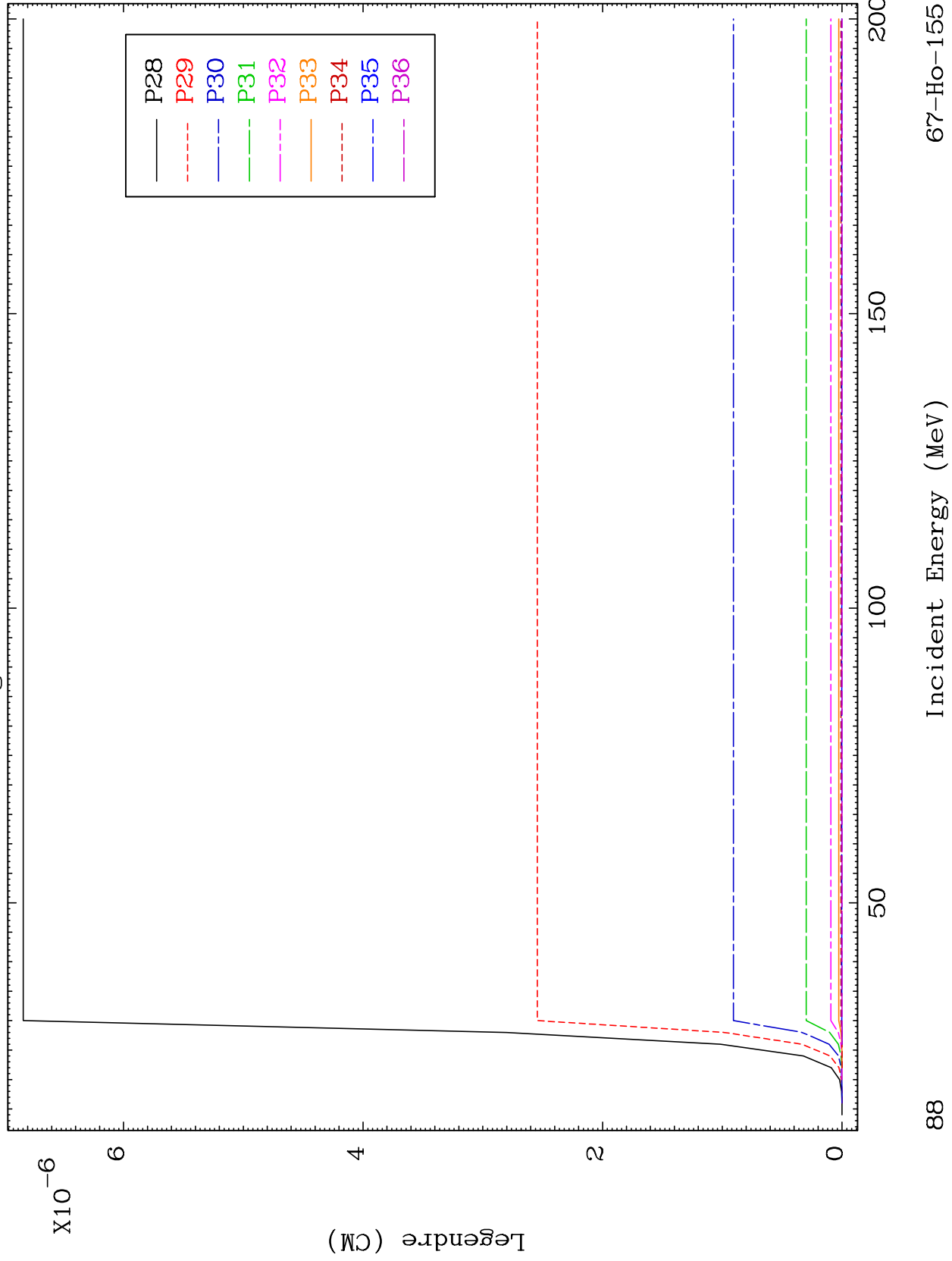
67-Ho-155



MAT 6695

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

67-Ho-155

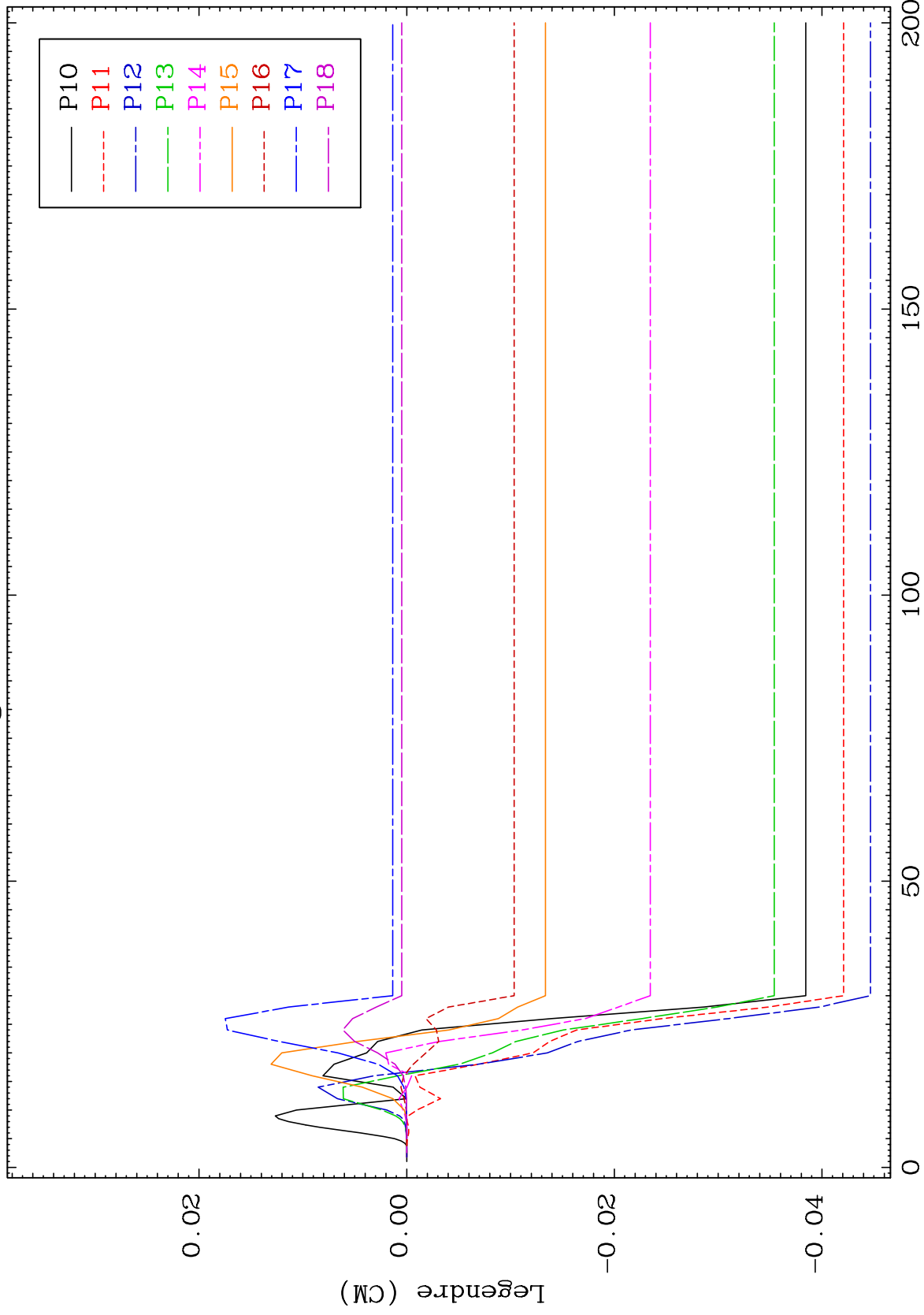




MAT 6695

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

67-Ho-155



90

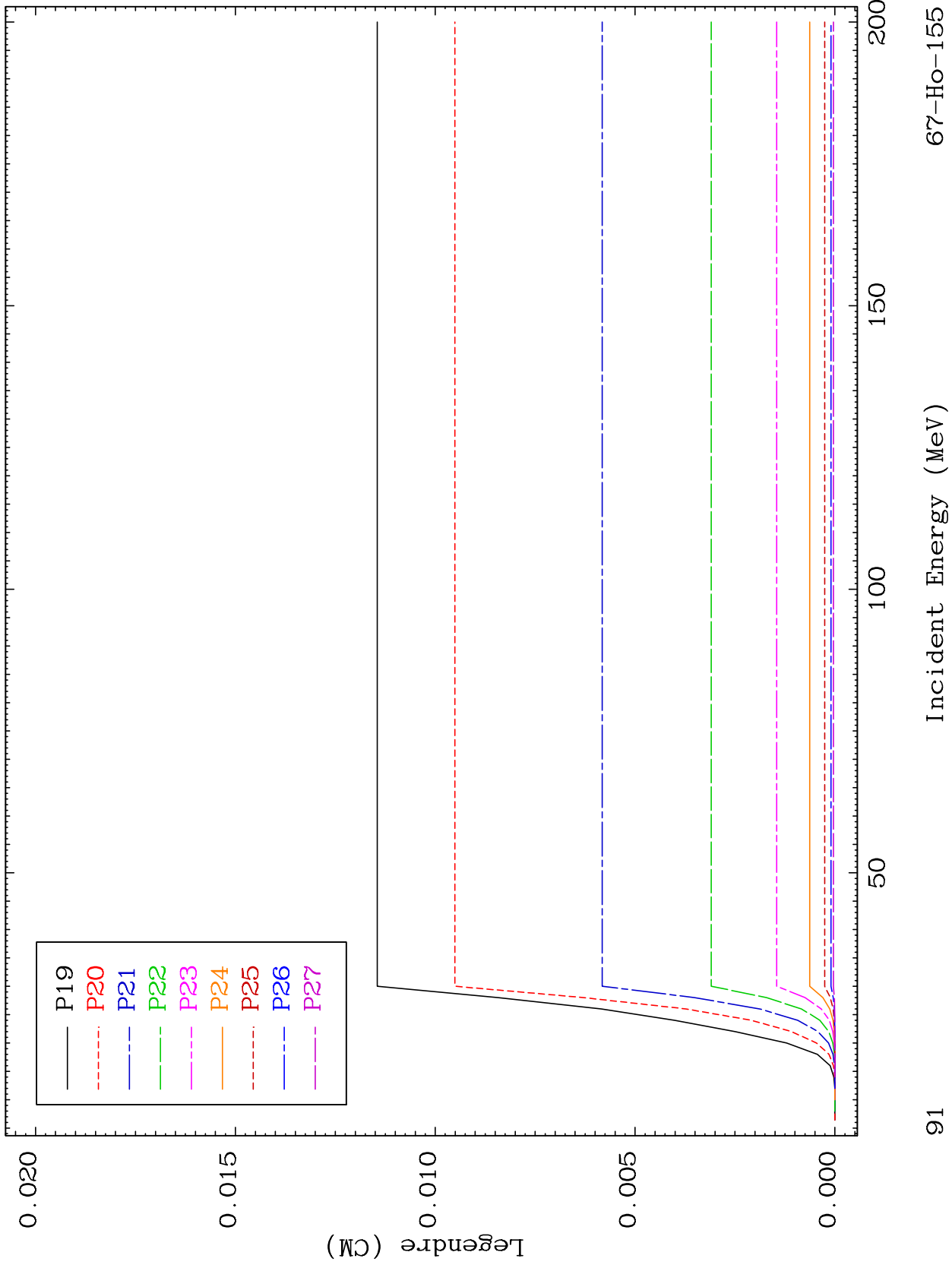
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155

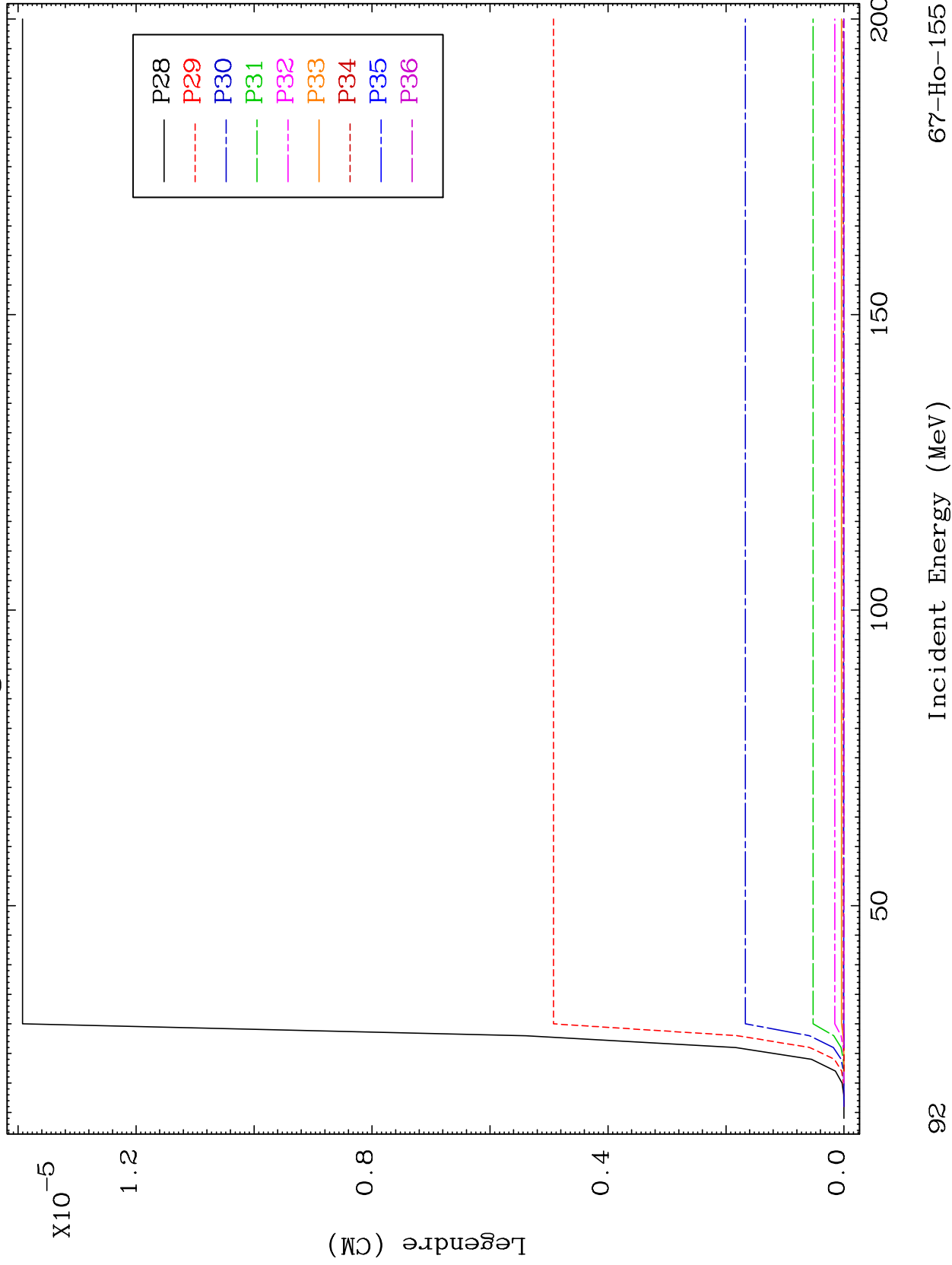


91

MAT 6695

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

67-Ho-155



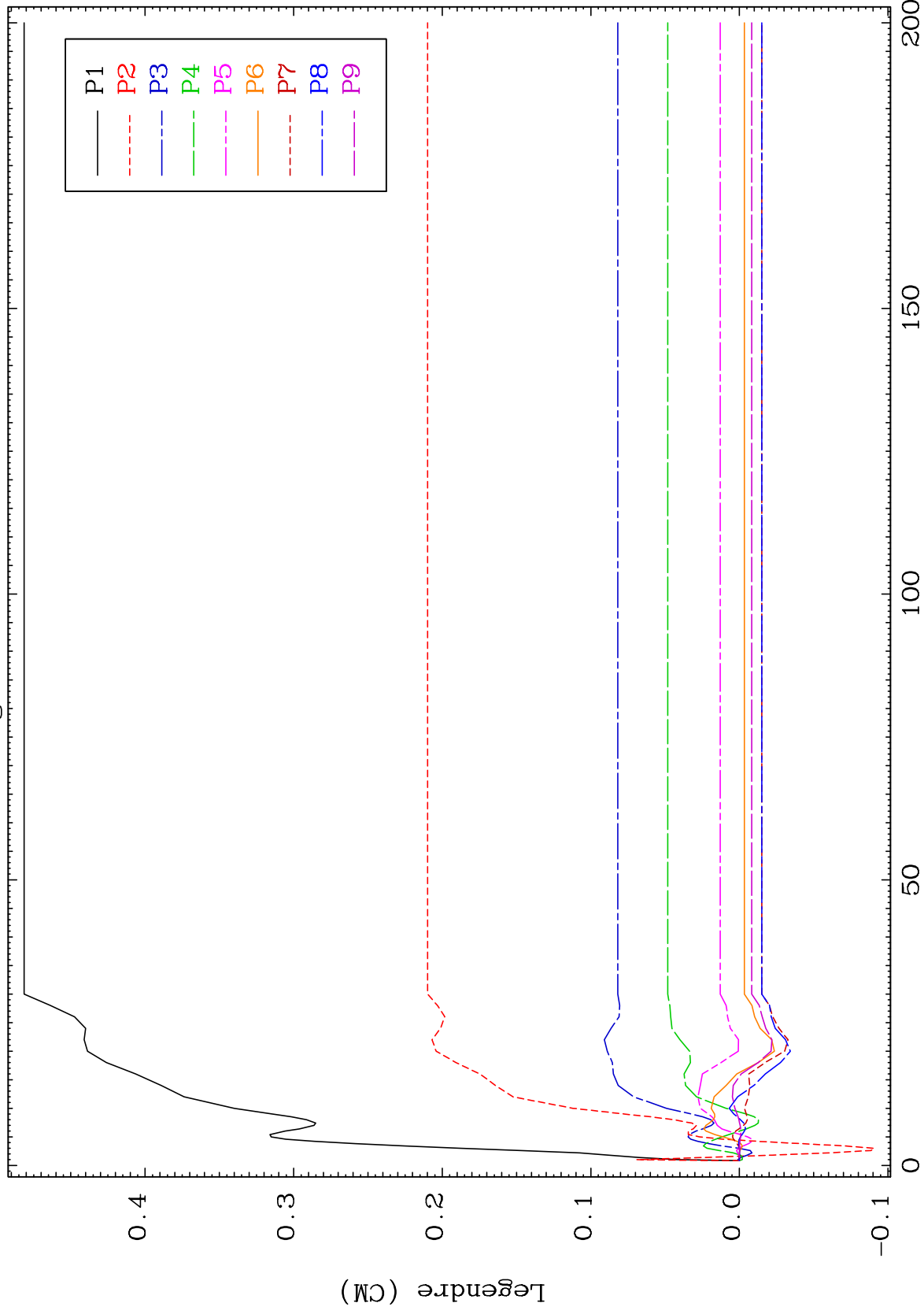
92

67-Ho-155

MAT 6695

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

67-Ho-155



93

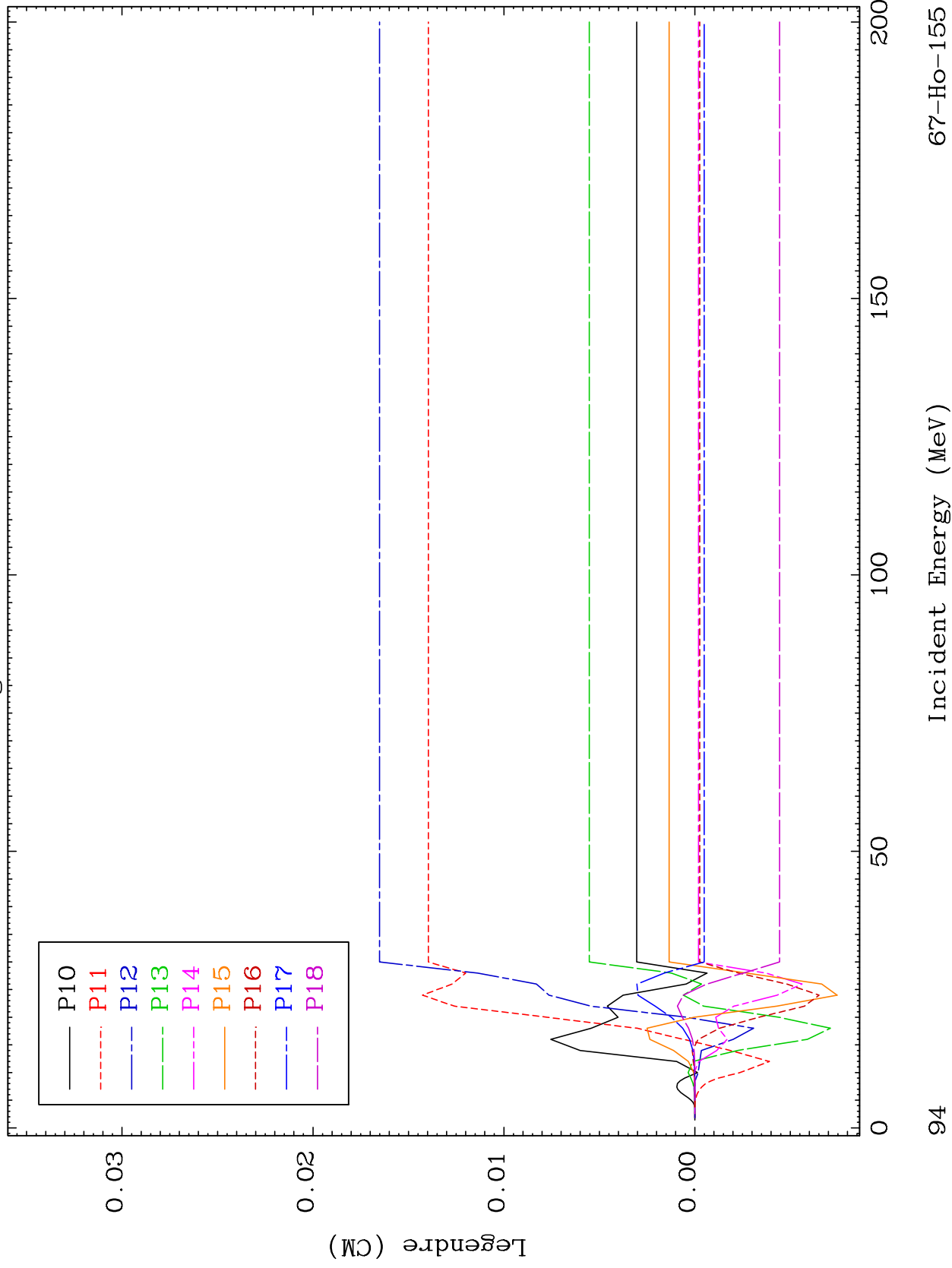
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



94

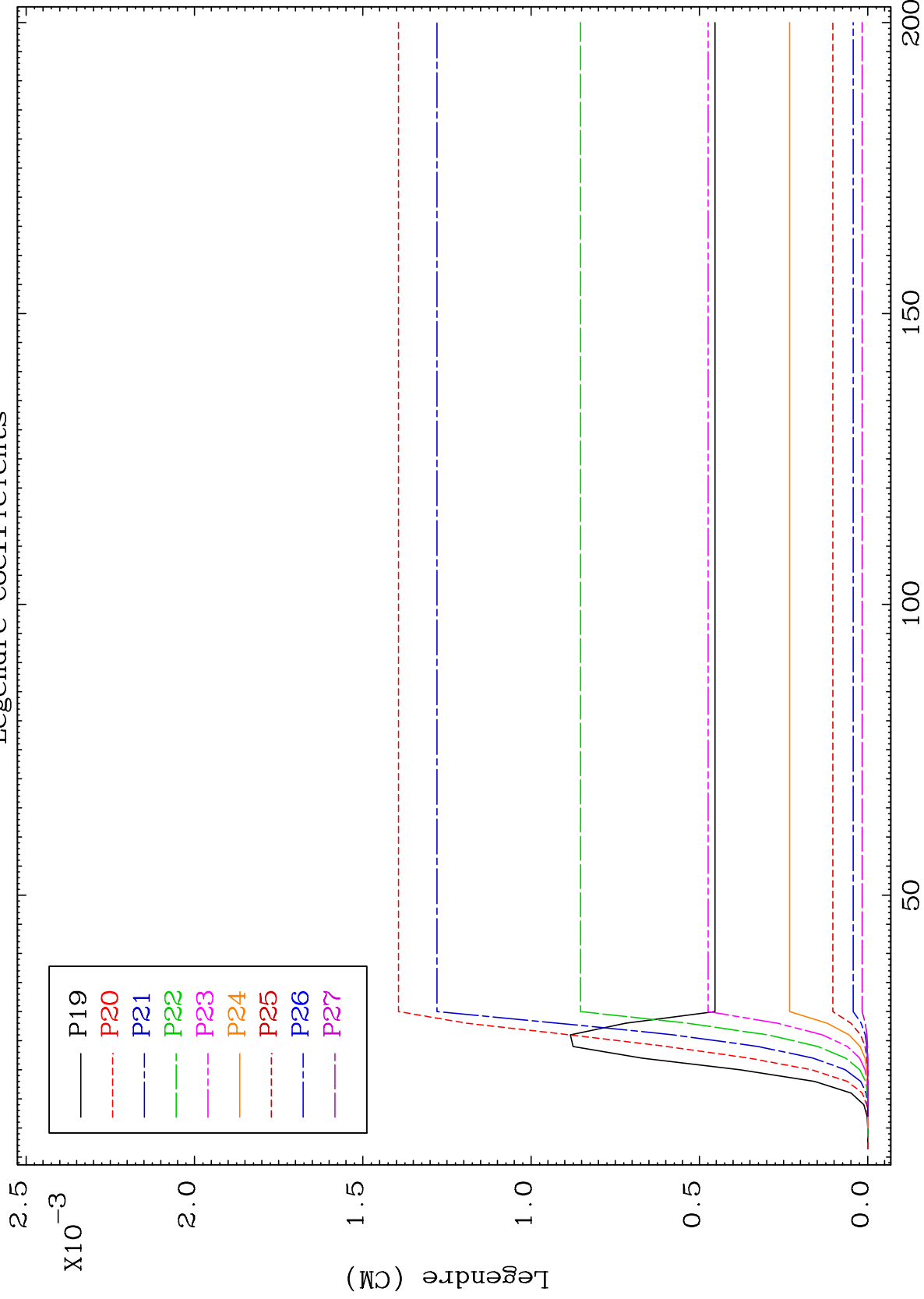
Incident Energy (MeV)

67-Ho-155

MAT 6695

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

67-Ho-155



95

Incident Energy (MeV)

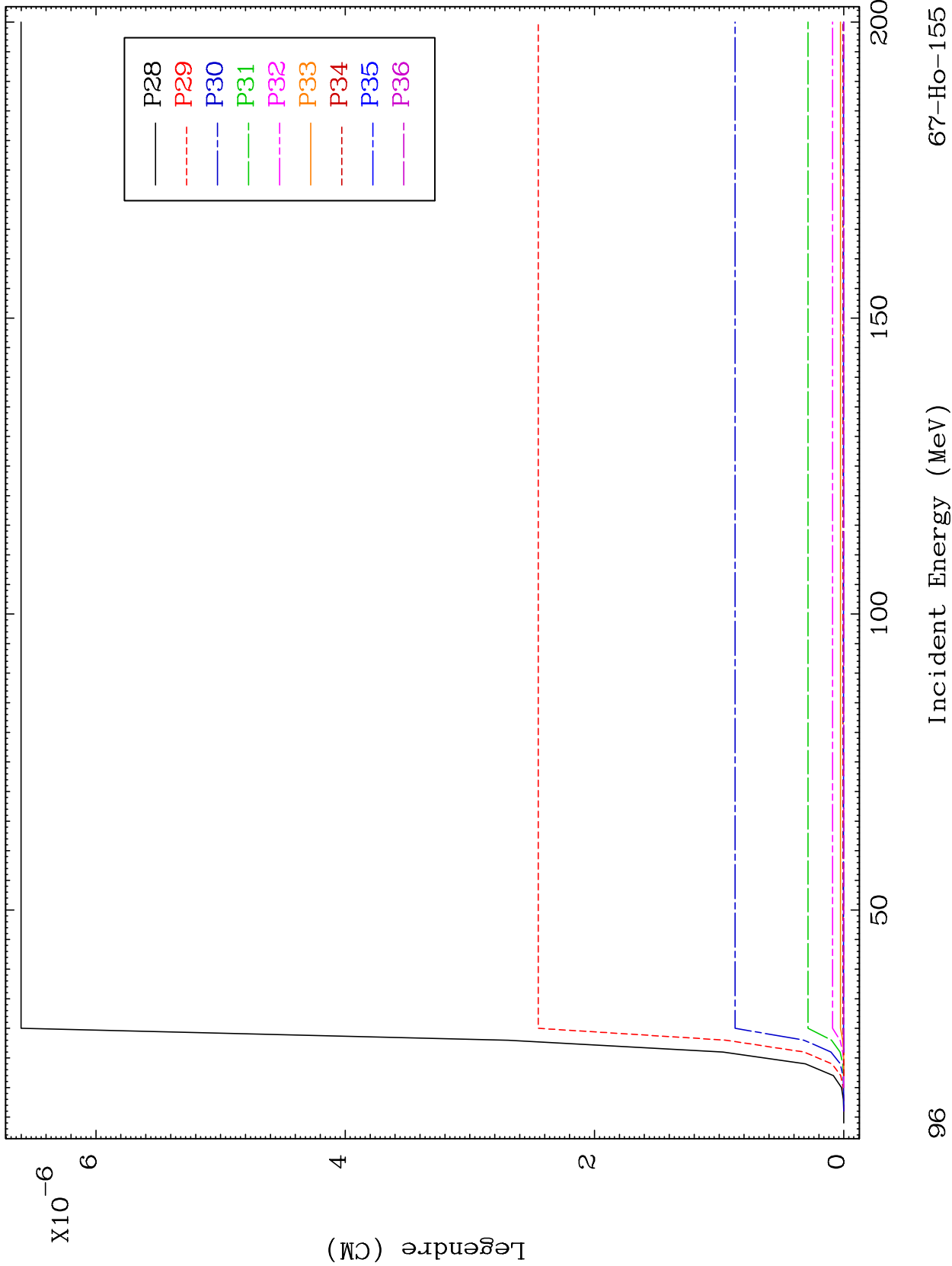
67-Ho-155



MAT 6695

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

67-Ho-155



96

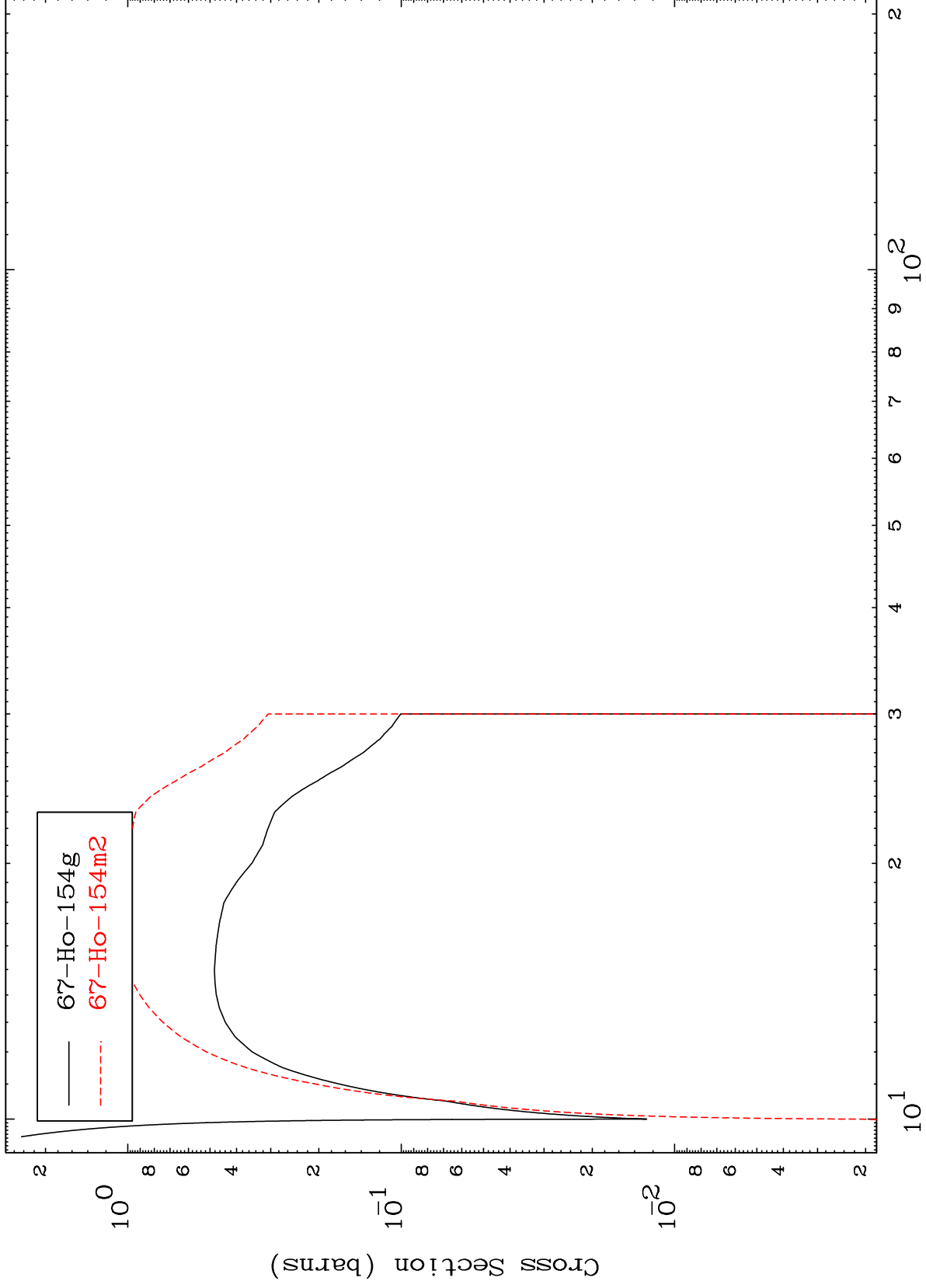
67-Ho-155

MAT 6695

(n,2n)

67-Ho-155

Radionuclide Production Cross Section

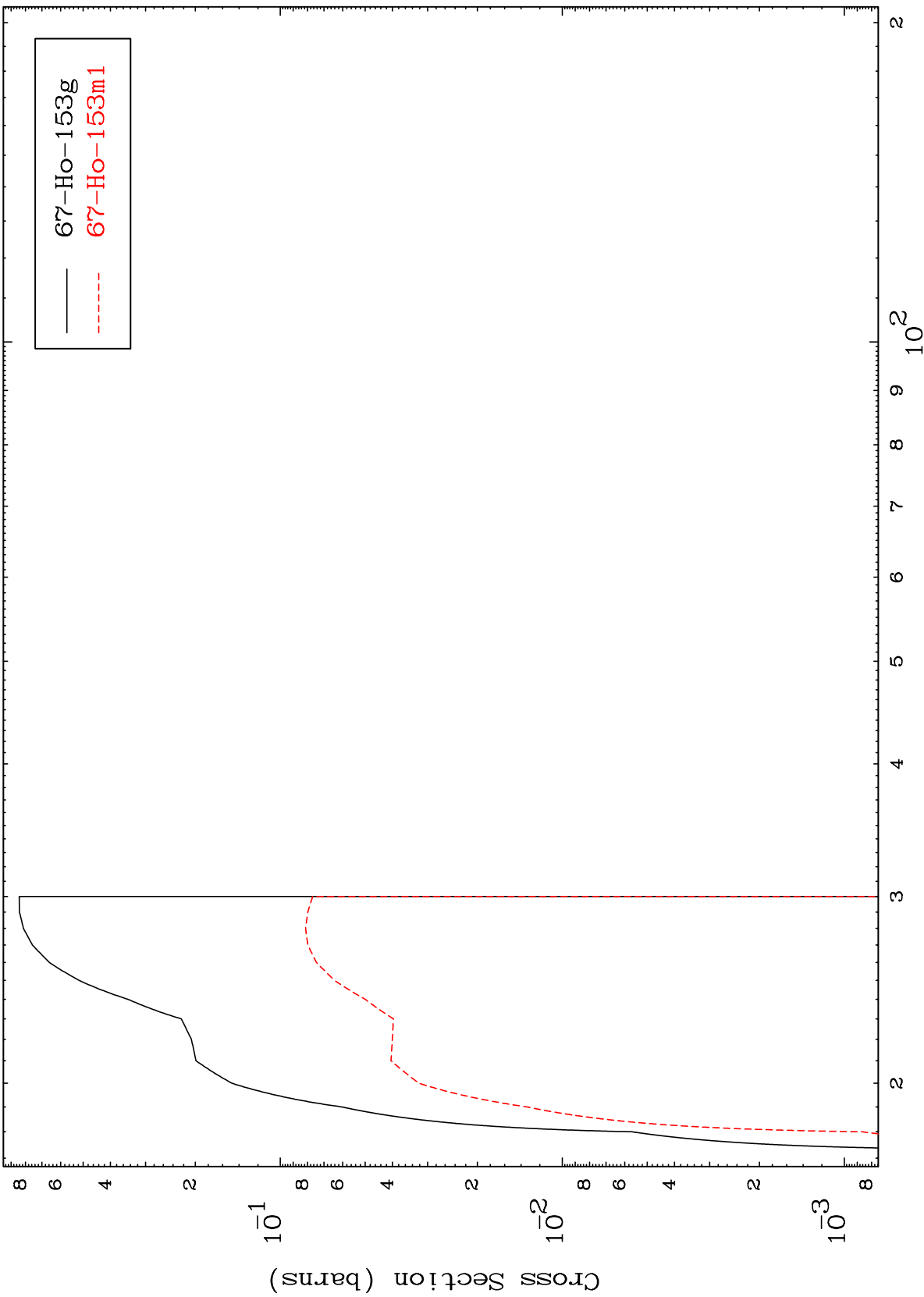


97

Incident Energy (MeV)

67-Ho-155

(n,3n)  
Radionuclide Production Cross Section

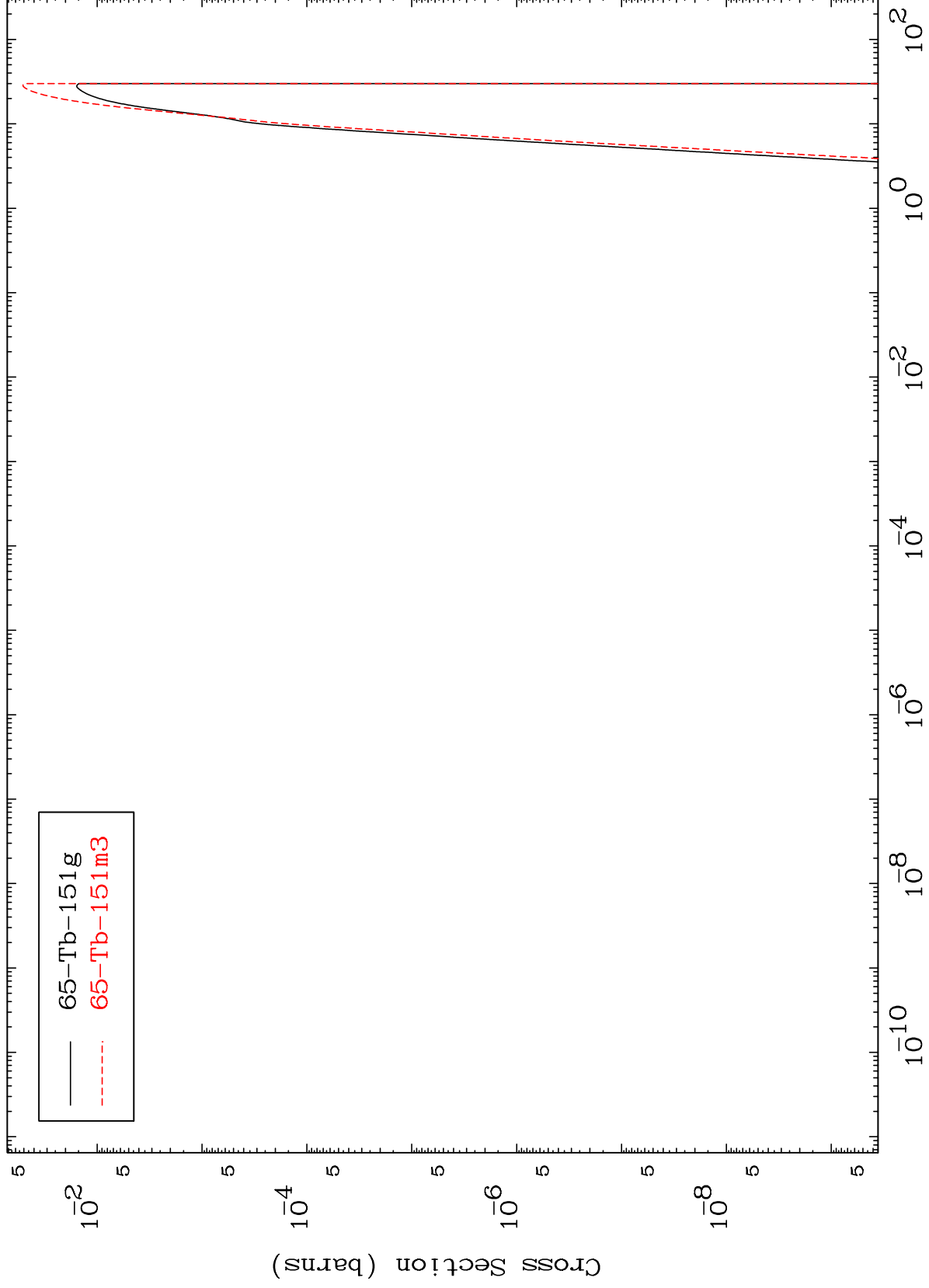


MAT 6695

$(n, n') \alpha$

67-Ho-155

Radionuclide Production Cross Section



99

Incident Energy (MeV)

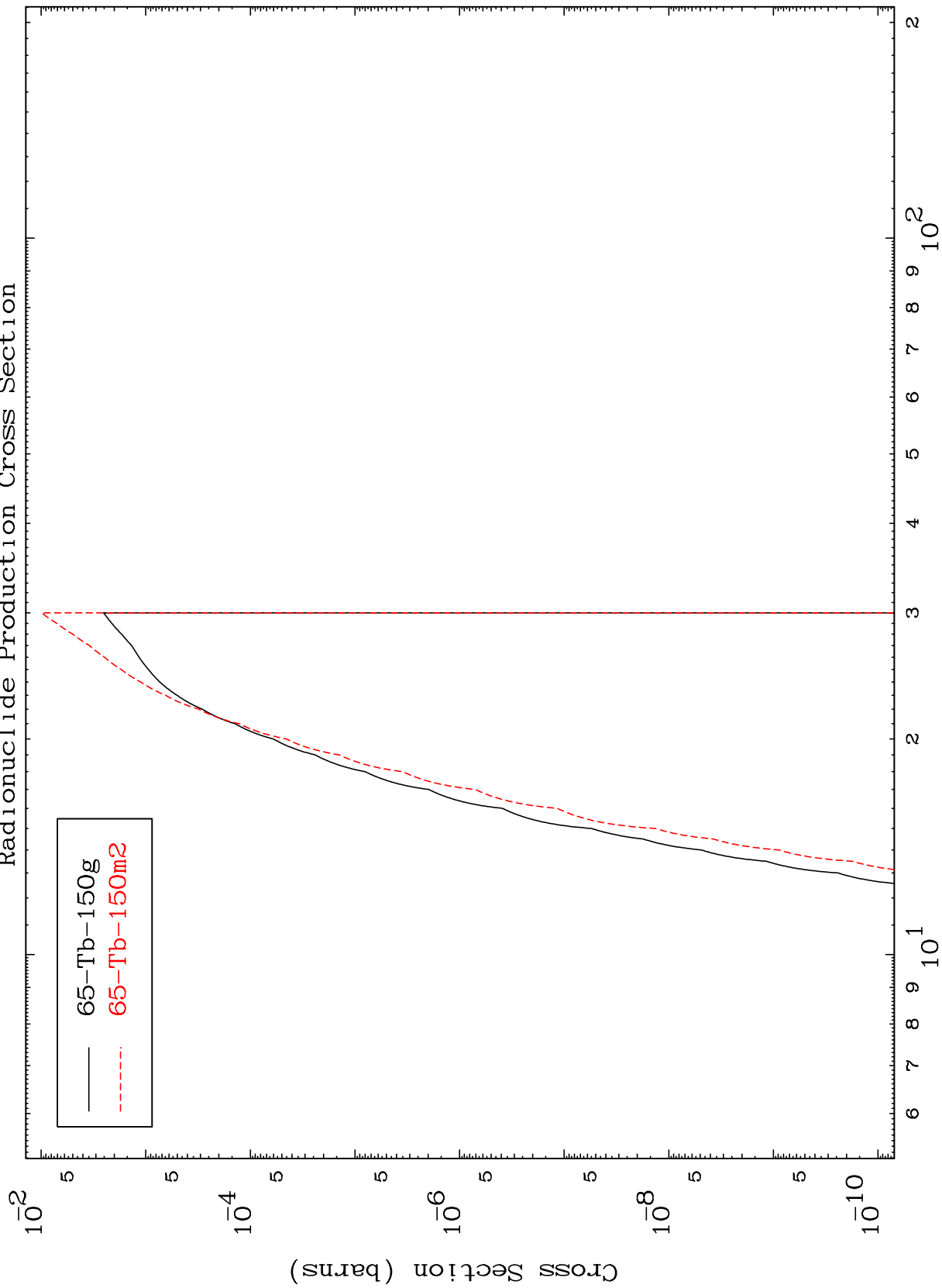
67-Ho-155

MAT 6695

$(n, 2n) \alpha$

$^{67}\text{Ho-155}$

Radionuclide Production Cross Section



100

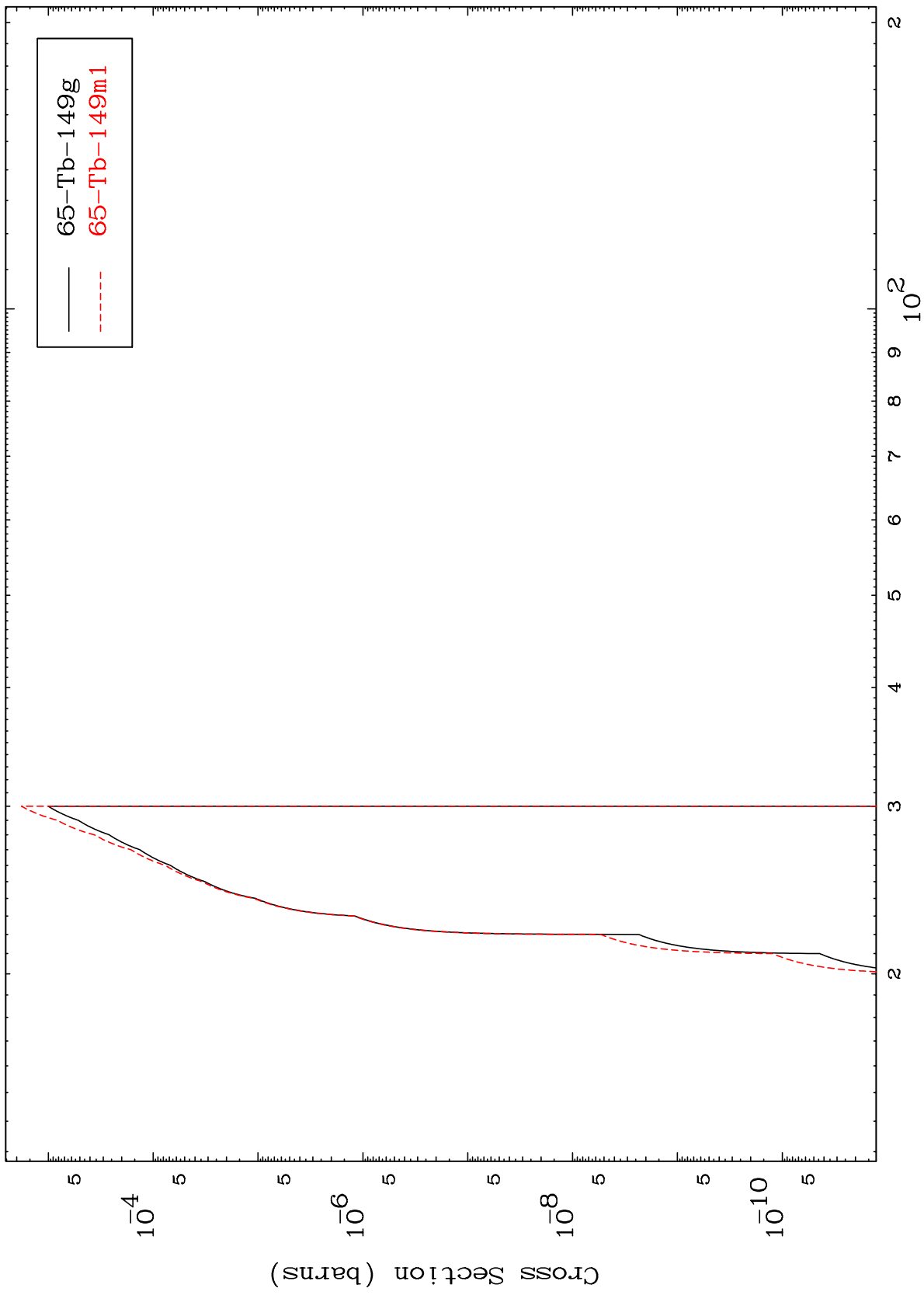
Incident Energy (MeV)

$^{67}\text{Ho-155}$

MAT 6695

67-Ho-155

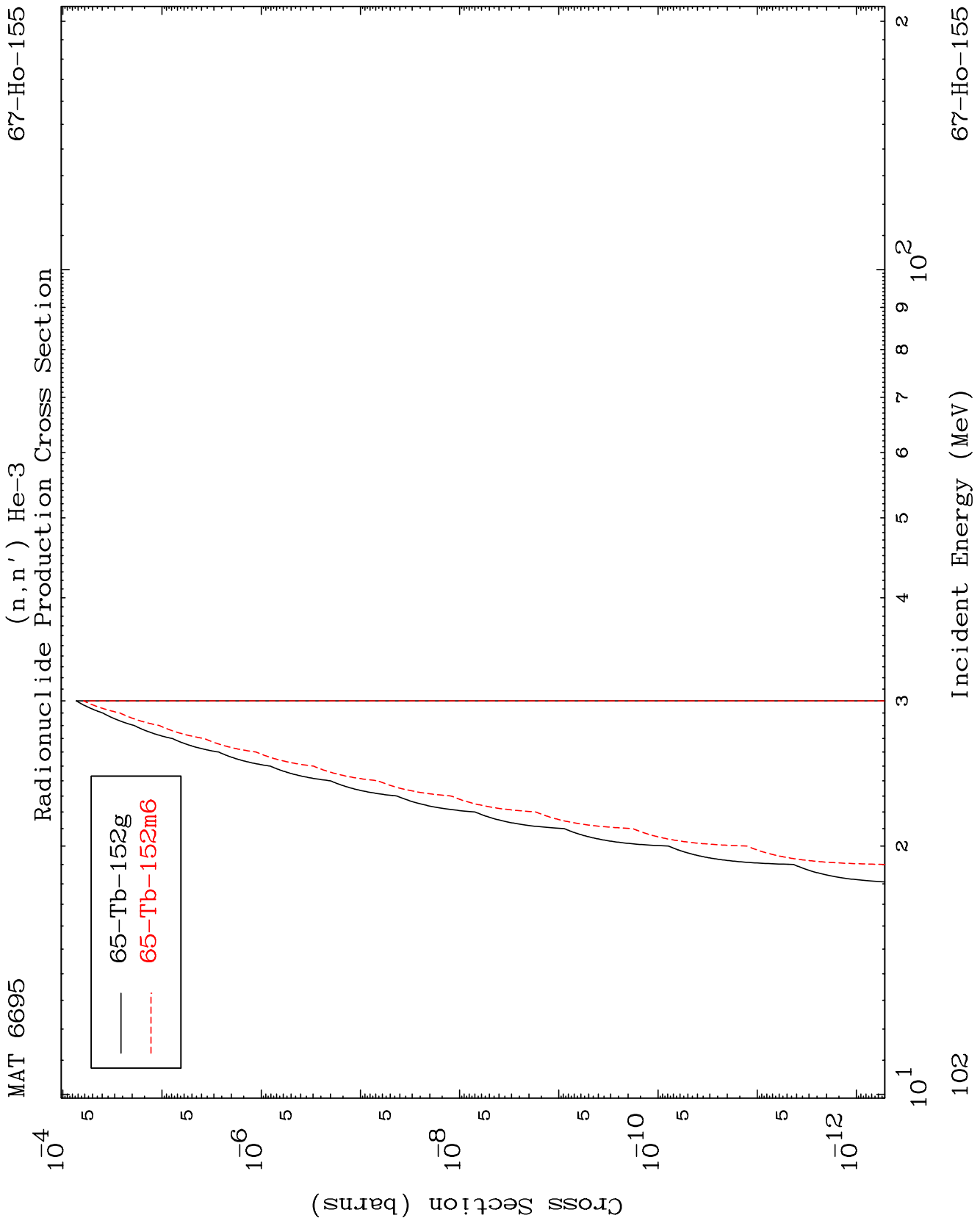
$(n,3n) \alpha$   
Radionuclide Production Cross Section



101

Incident Energy (MeV)

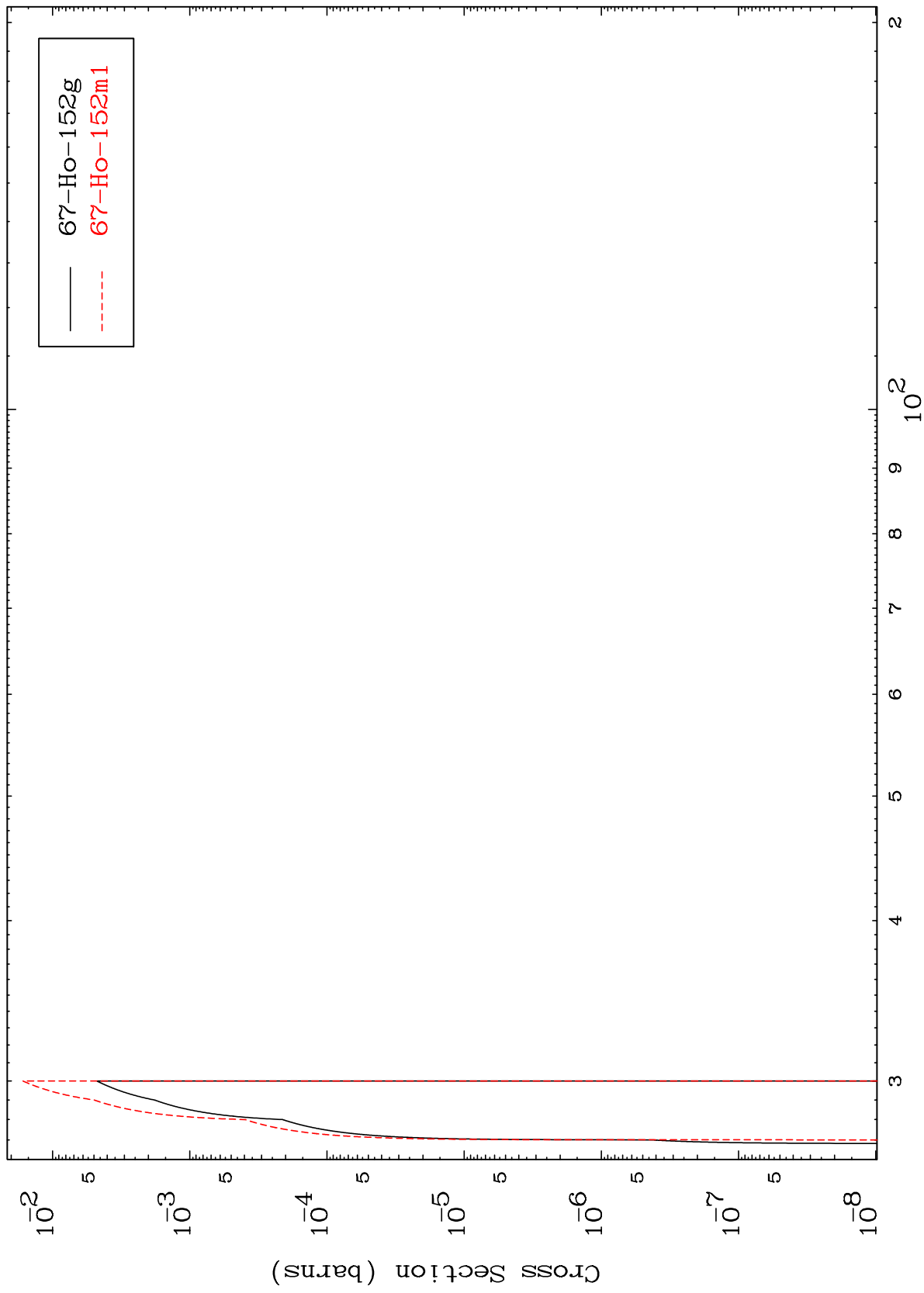
67-Ho-155



MAT 6695

67-Ho-155

(n,4n)  
Radionuclide Production Cross Section



103

Incident Energy (MeV)

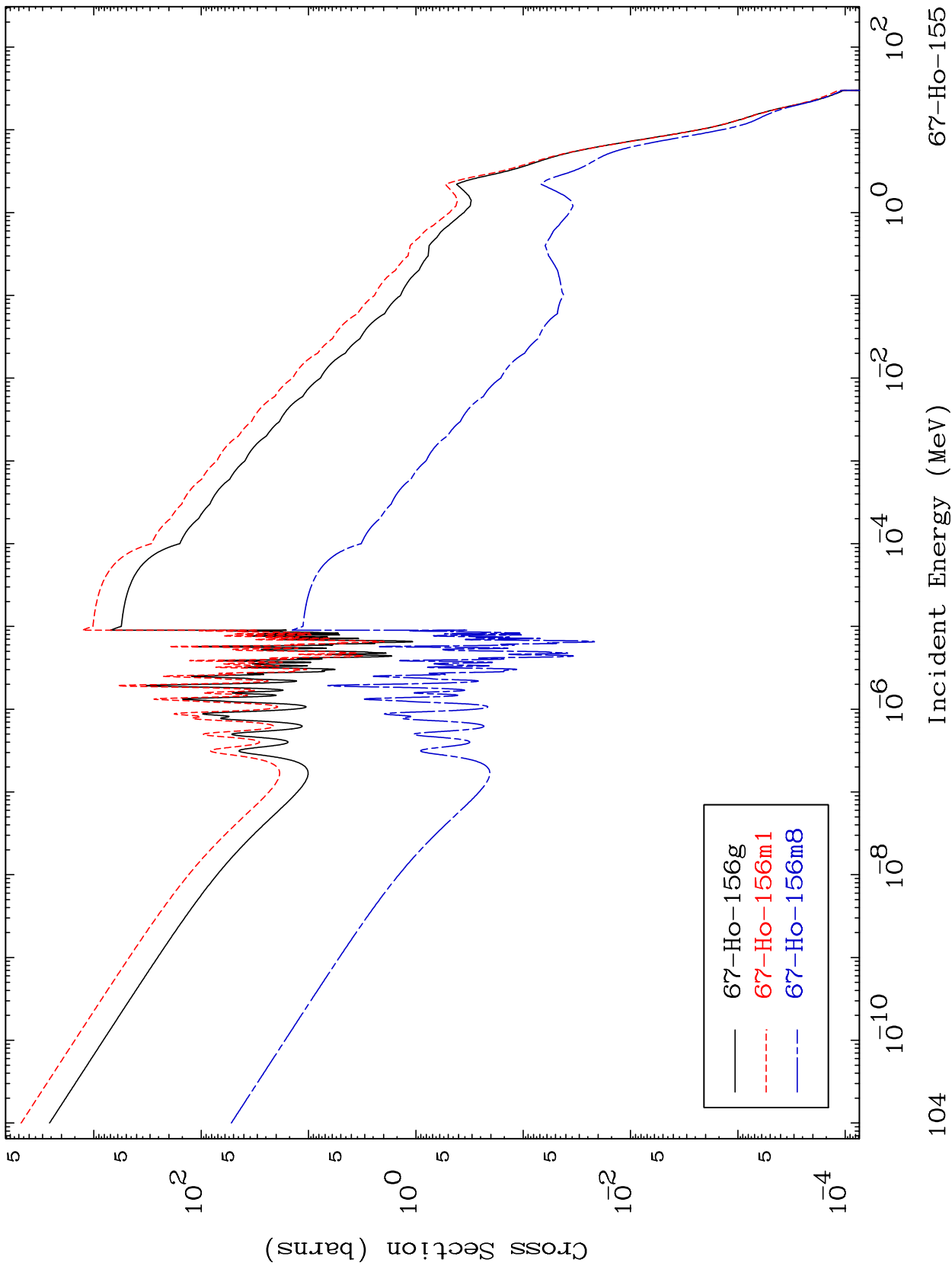
67-Ho-155



MAT 6695

67-Ho-155

$(n, \gamma)$   
Radionuclide Production Cross Section

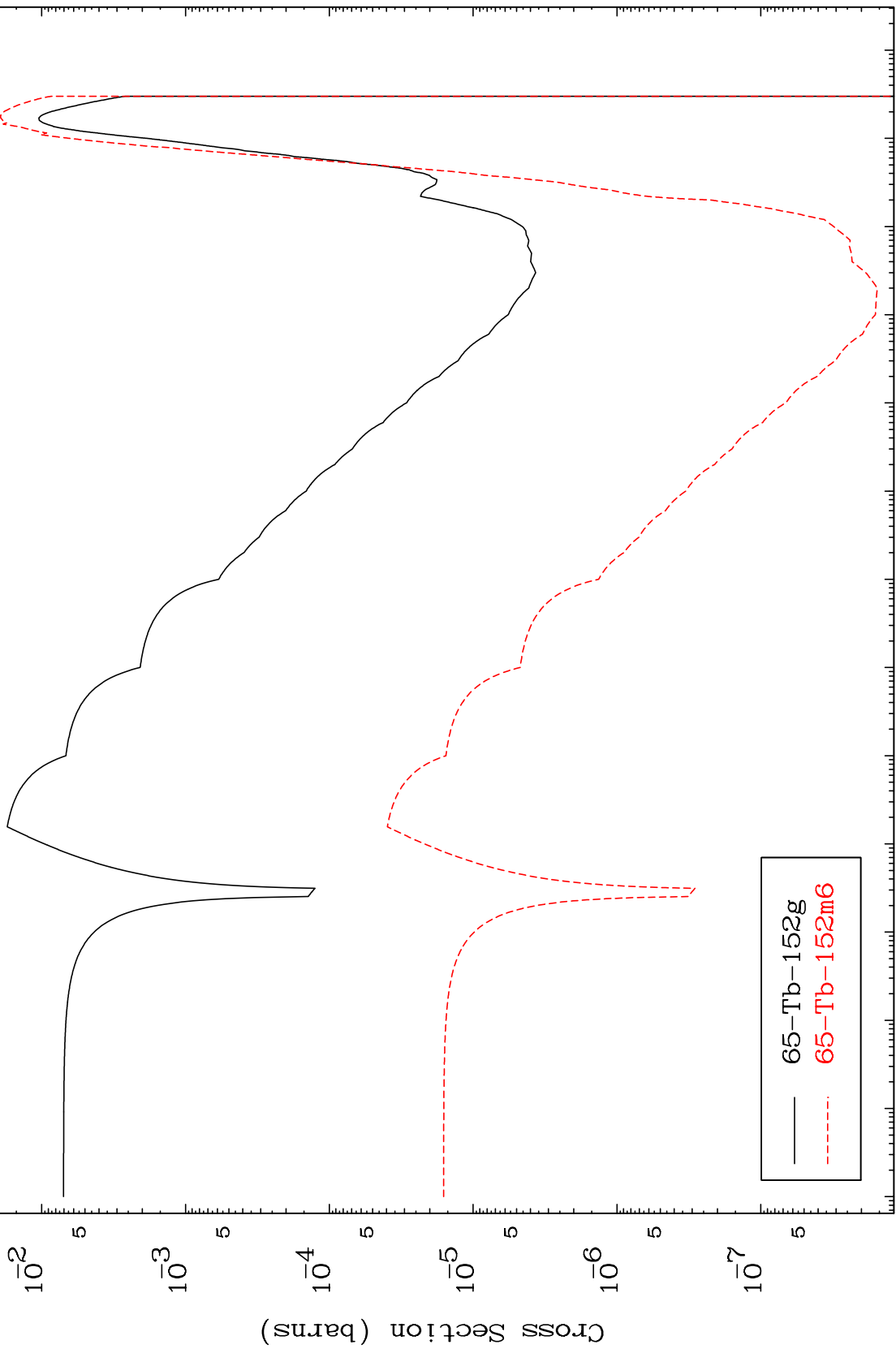


104

MAT 6695

67-Ho-155

Radionuclide Production Cross Section



— 65-Tb-152g  
- - - 65-Tb-152m6

105

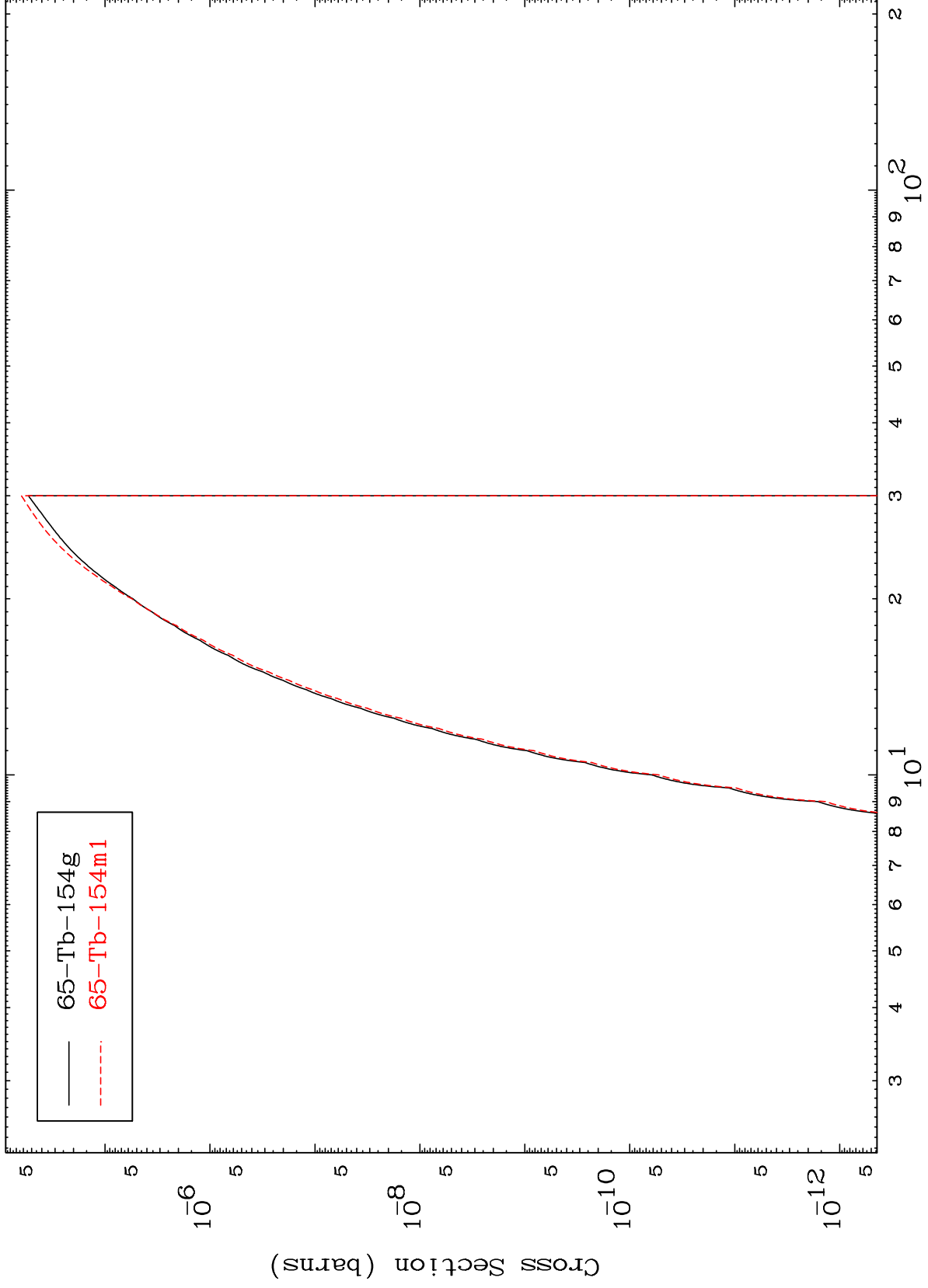
Incident Energy (MeV)

67-Ho-155

MAT 6695

67-Ho-155

(n,2p)  
Radionuclide Production Cross Section



106

Incident Energy (MeV)

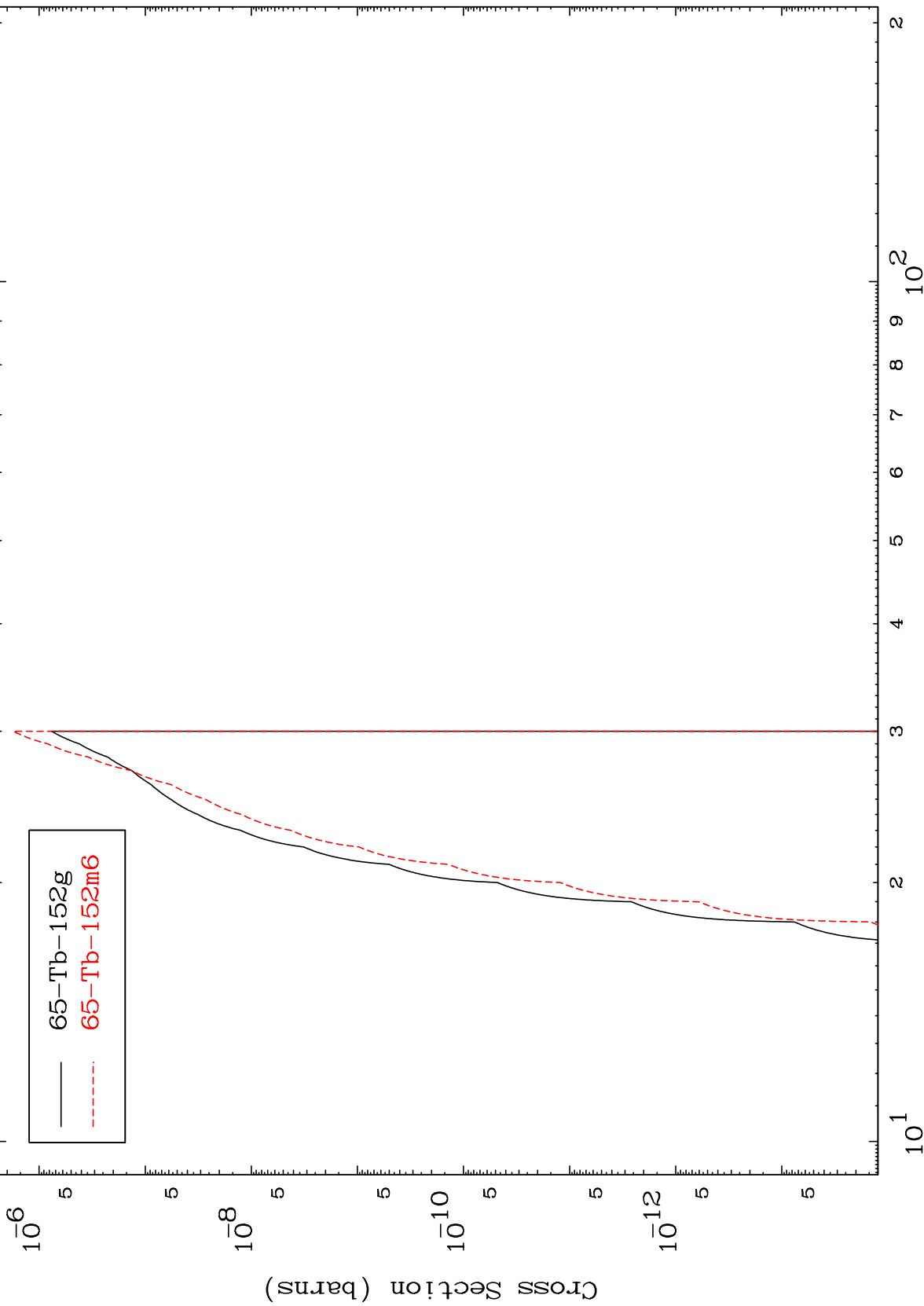
67-Ho-155

MAT 6695

(n,p) t

67-Ho-155

Radionuclide Production Cross Section



Incident Energy (MeV)

67-Ho-155