

Program EVALPLOT  
(Version 2021-1)

by

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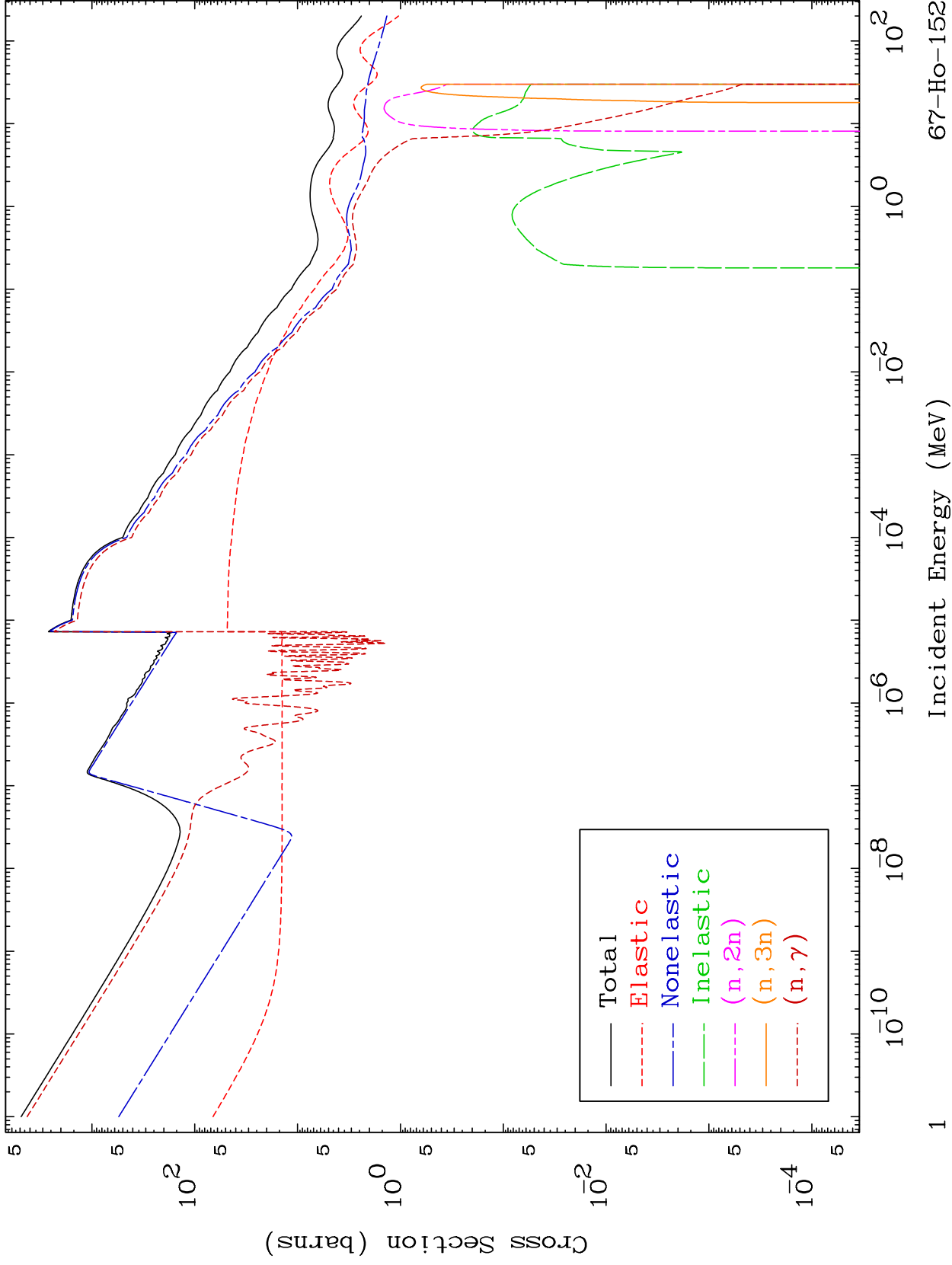
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6686

Neutron Major  
293 Kelvin Cross Sections

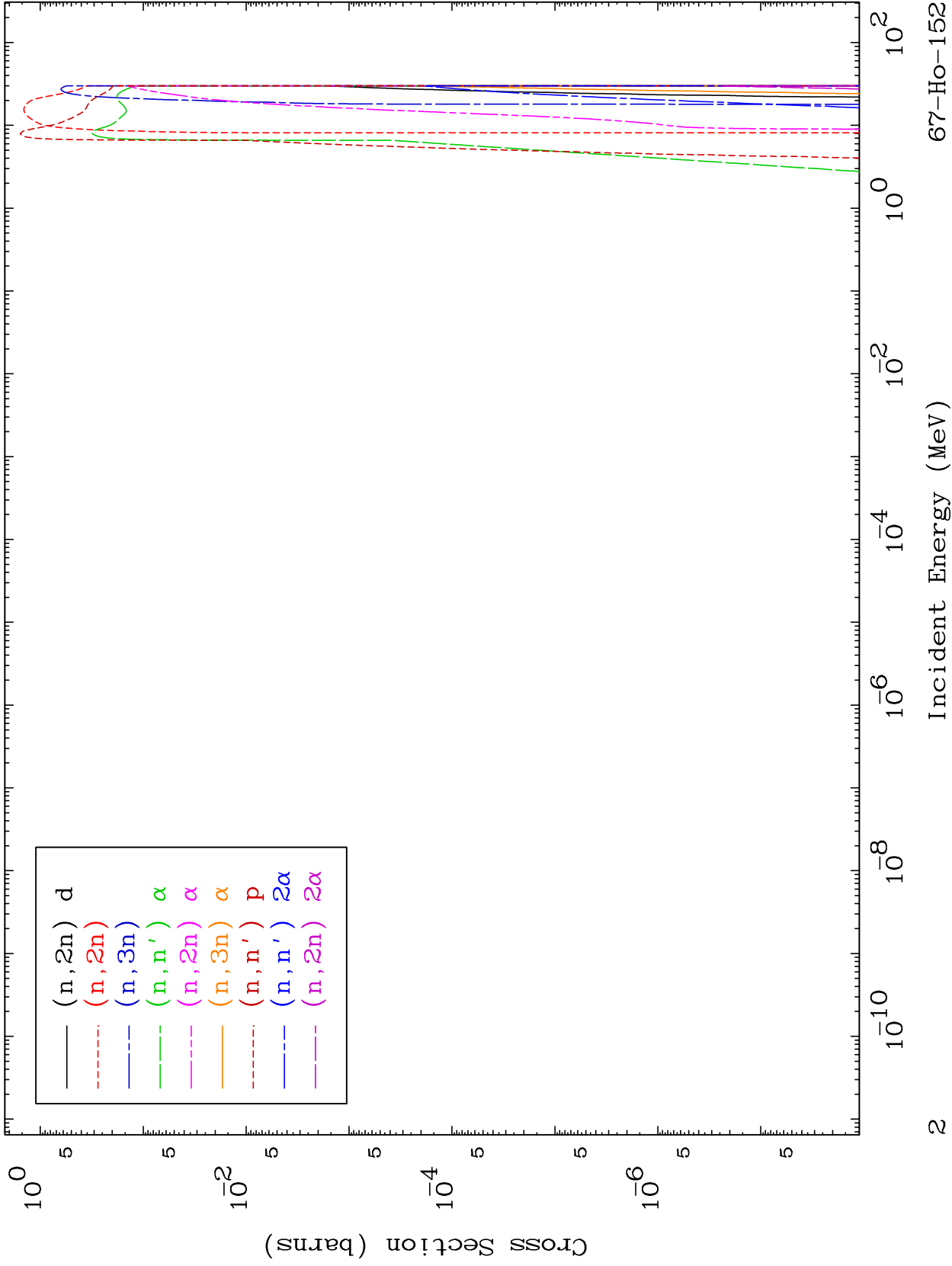
67-Ho-152



MAT 6686

Neutron Absorption  
293 Kelvin Cross Sections

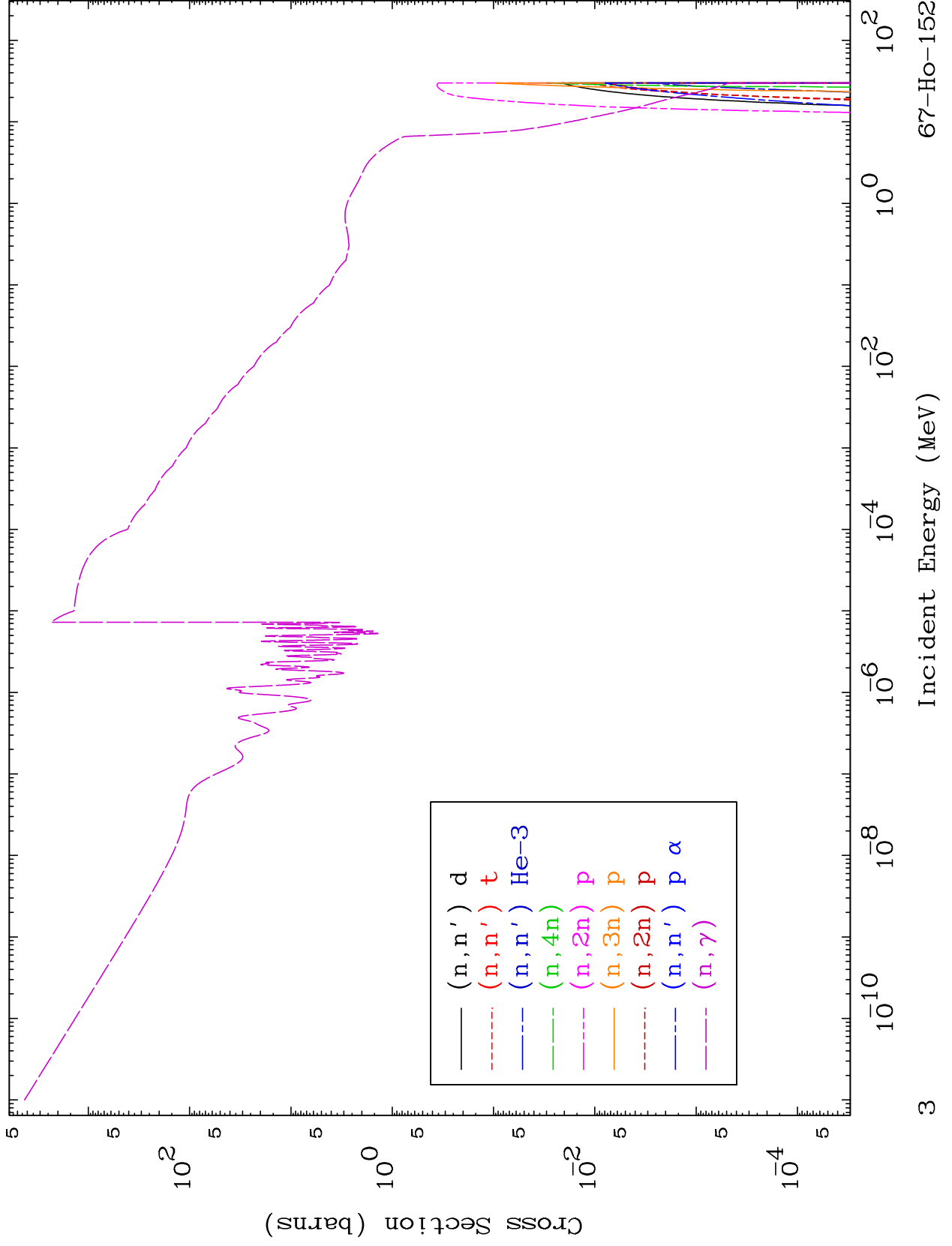
67-Ho-152



MAT 6686

Neutron Absorption  
293 Kelvin Cross Sections

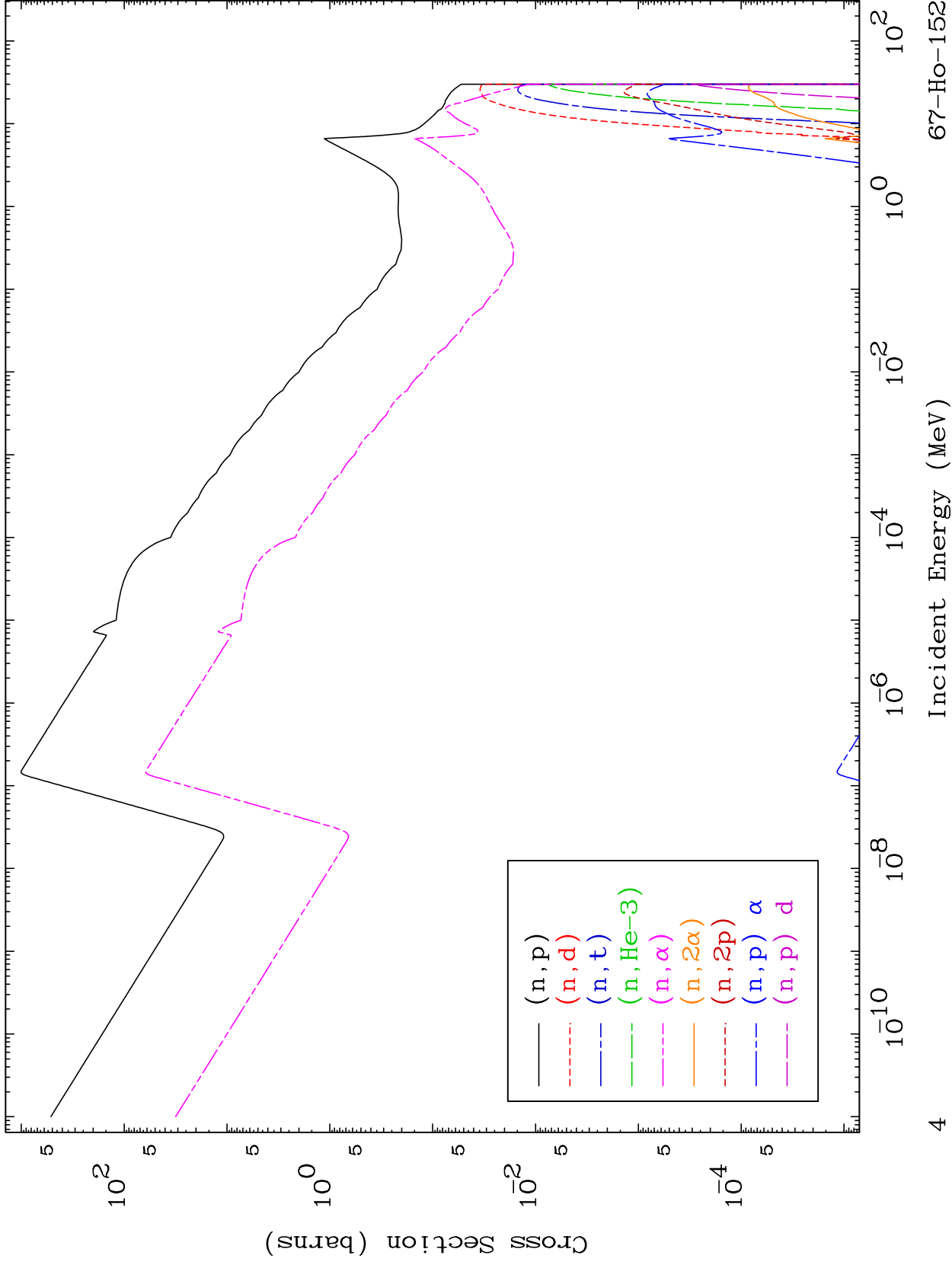
67-Ho-152

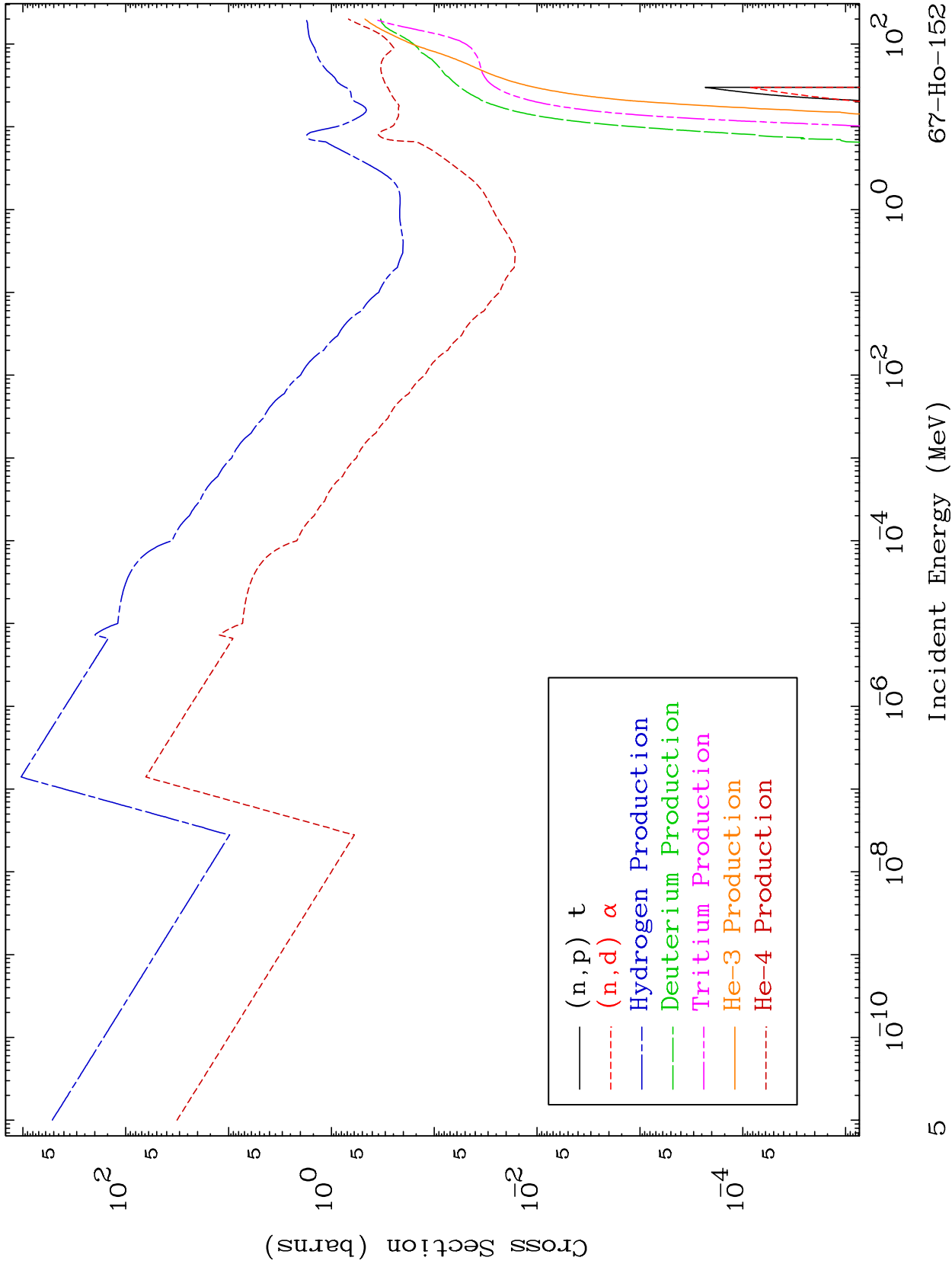


MAT 6686

Neutron Absorption  
293 Kelvin Cross Sections

67-Ho-152

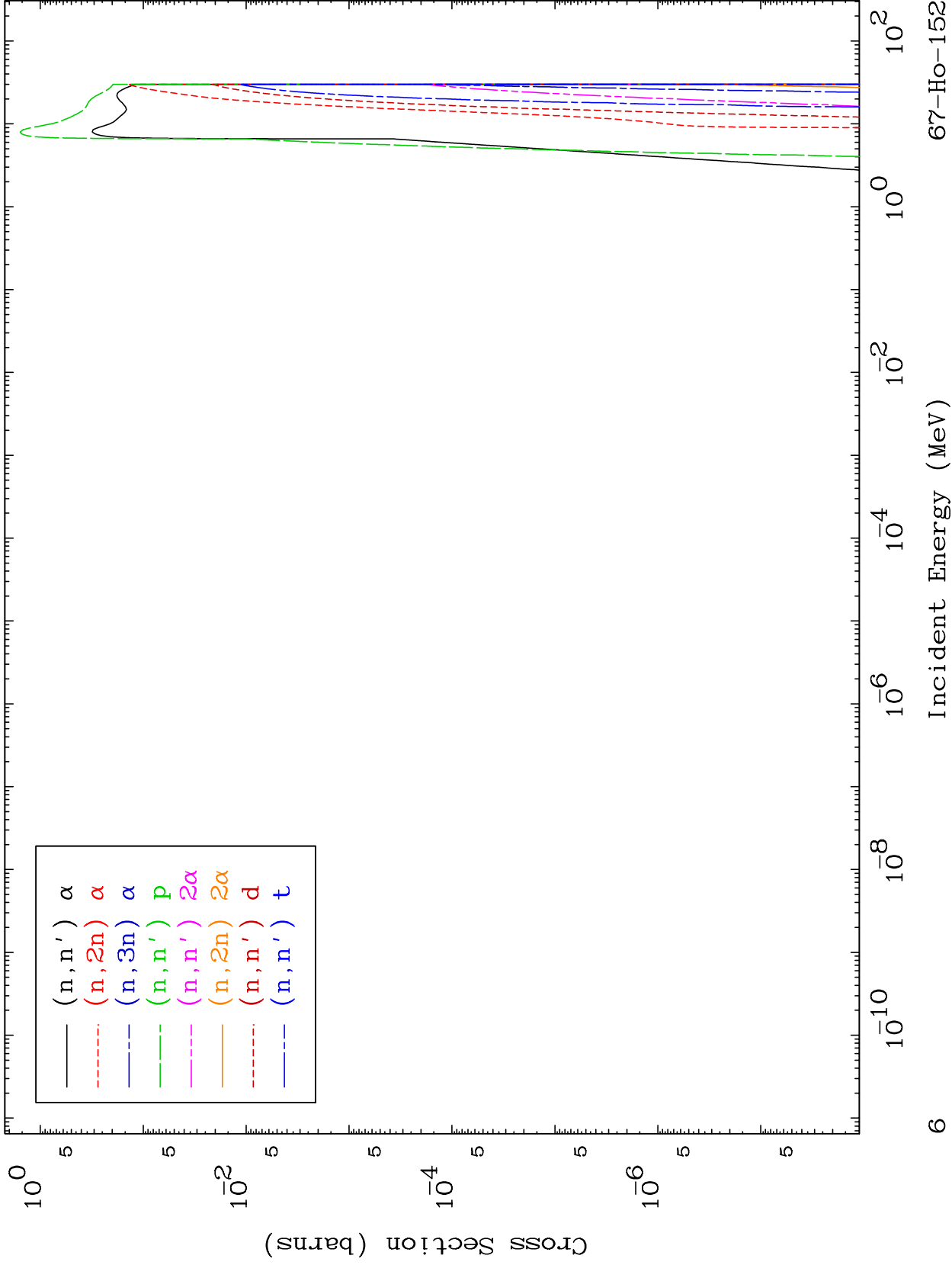




MAT 6686

Charged Particle  
293 Kelvin Cross Sections

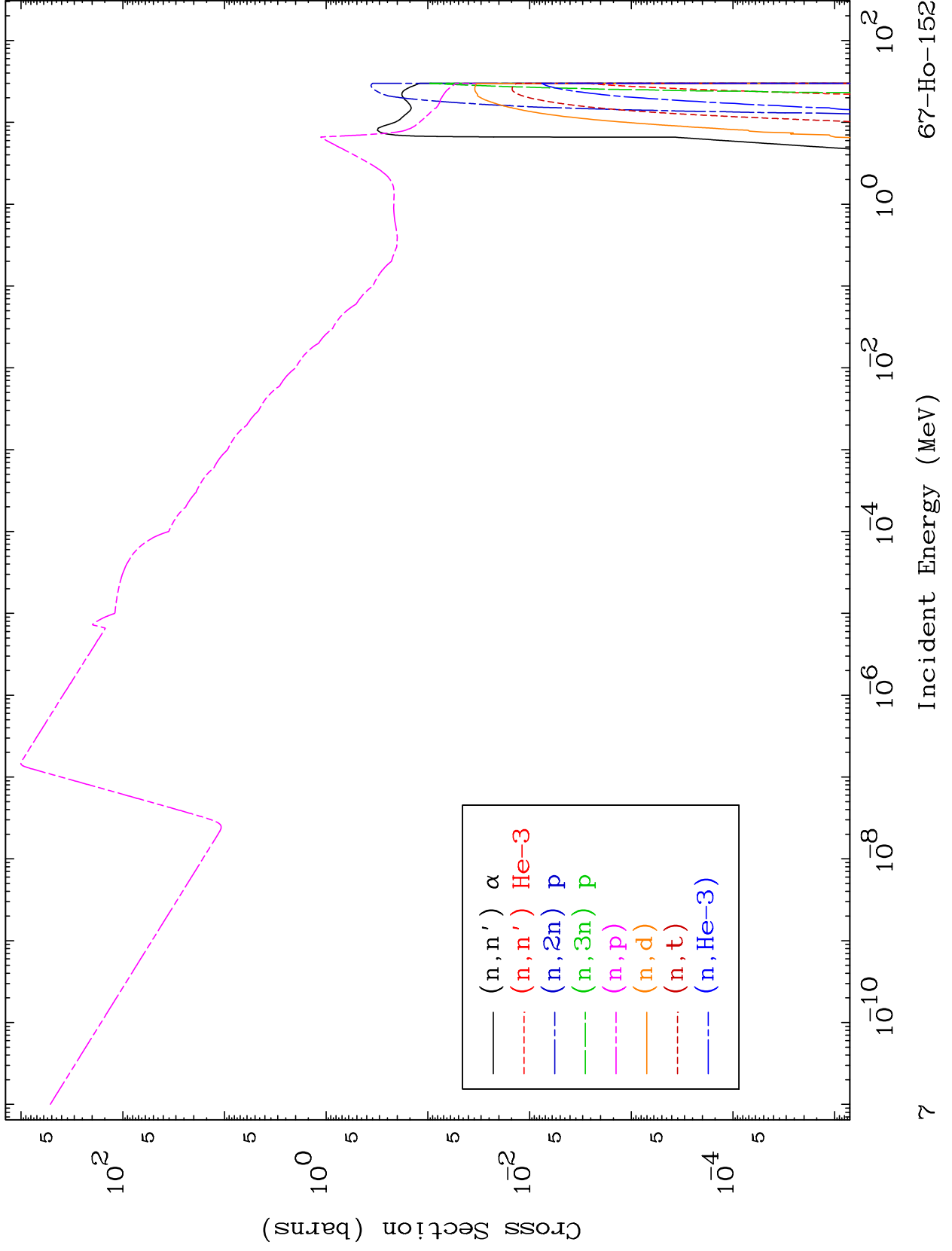
67-Ho-152



MAT 6686

Charged Particle  
293 Kelvin Cross Sections

67-Ho-152

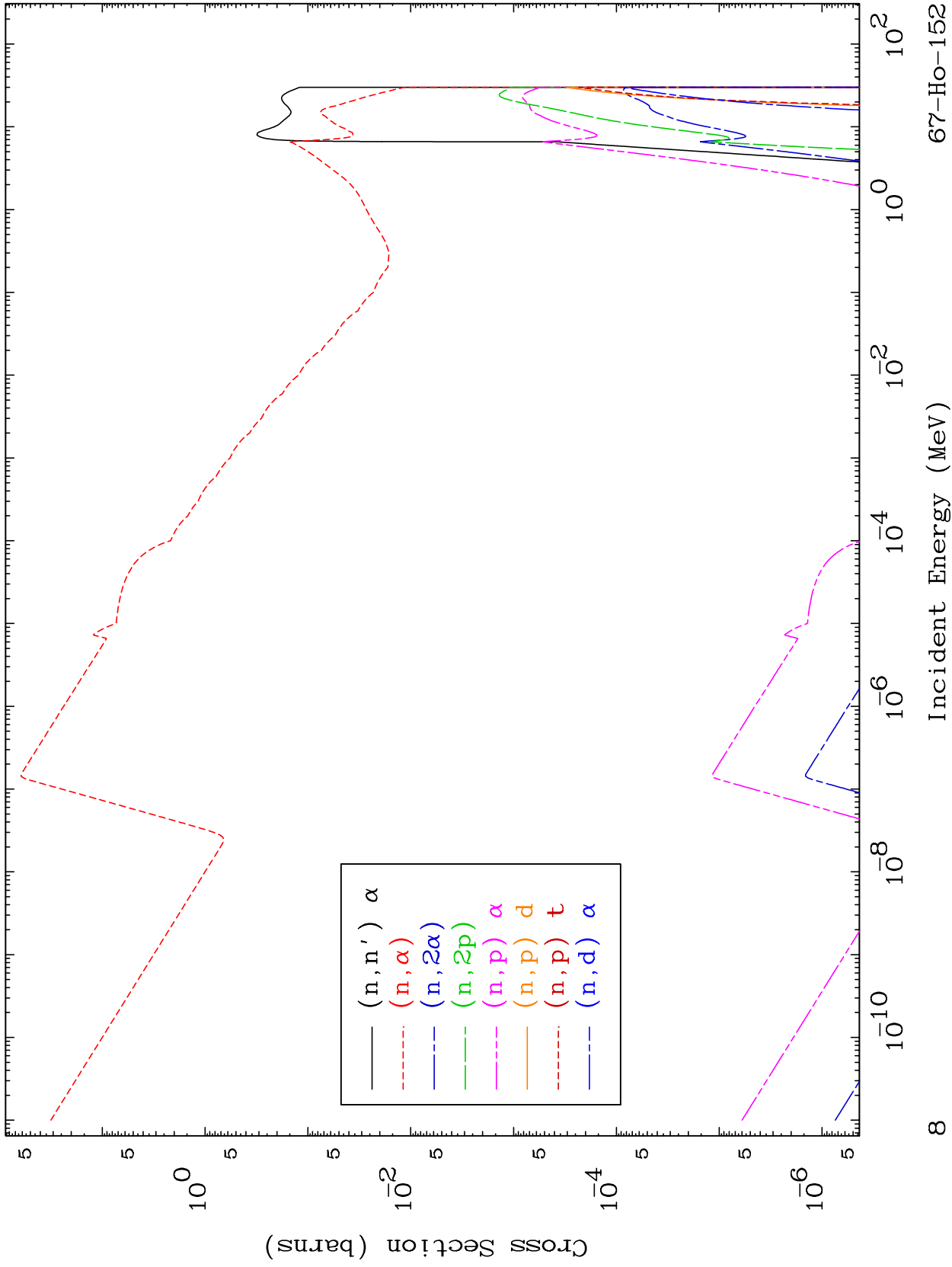


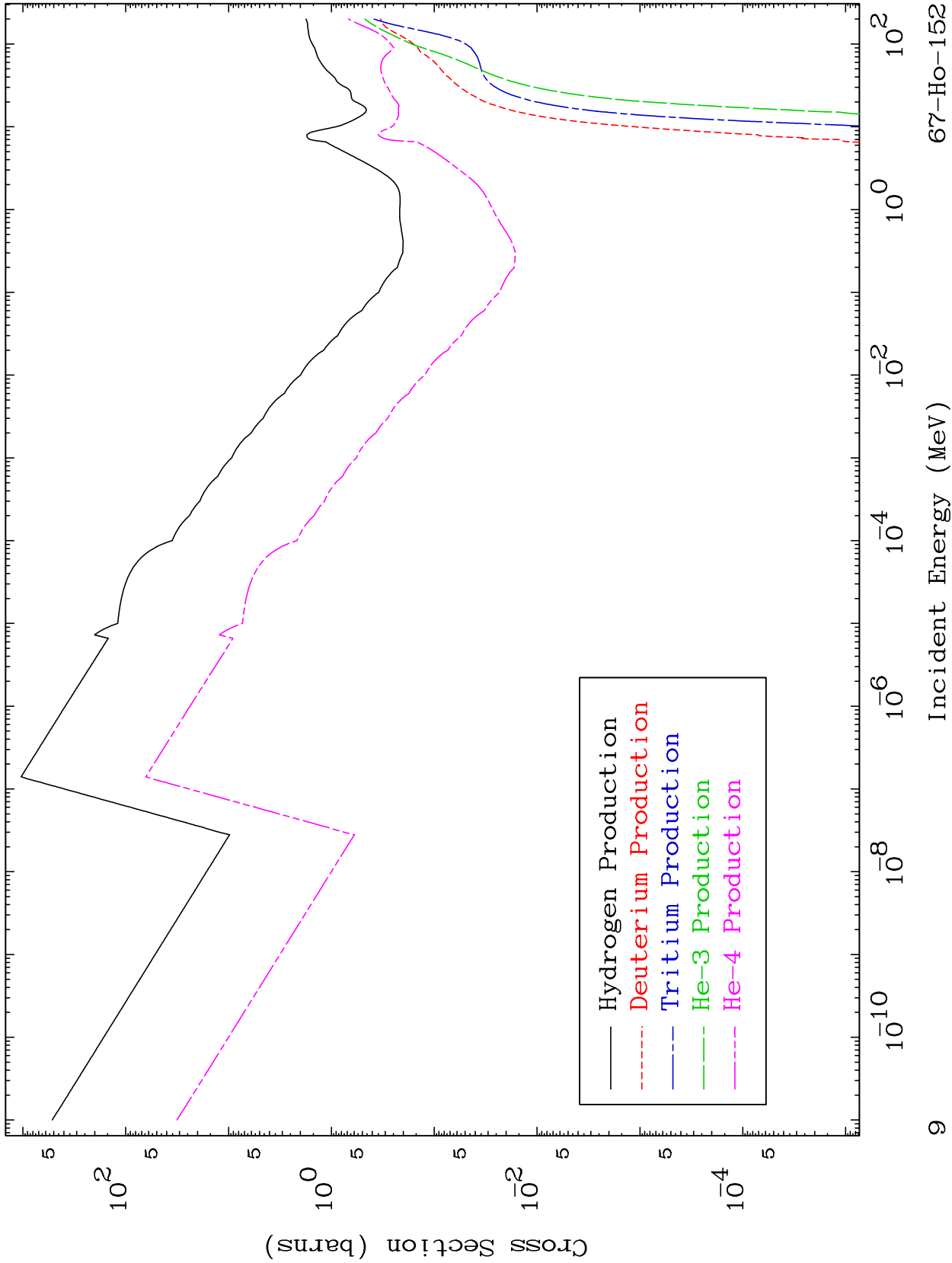


MAT 6686

Charged Particle  
293 Kelvin Cross Sections

67-Ho-152

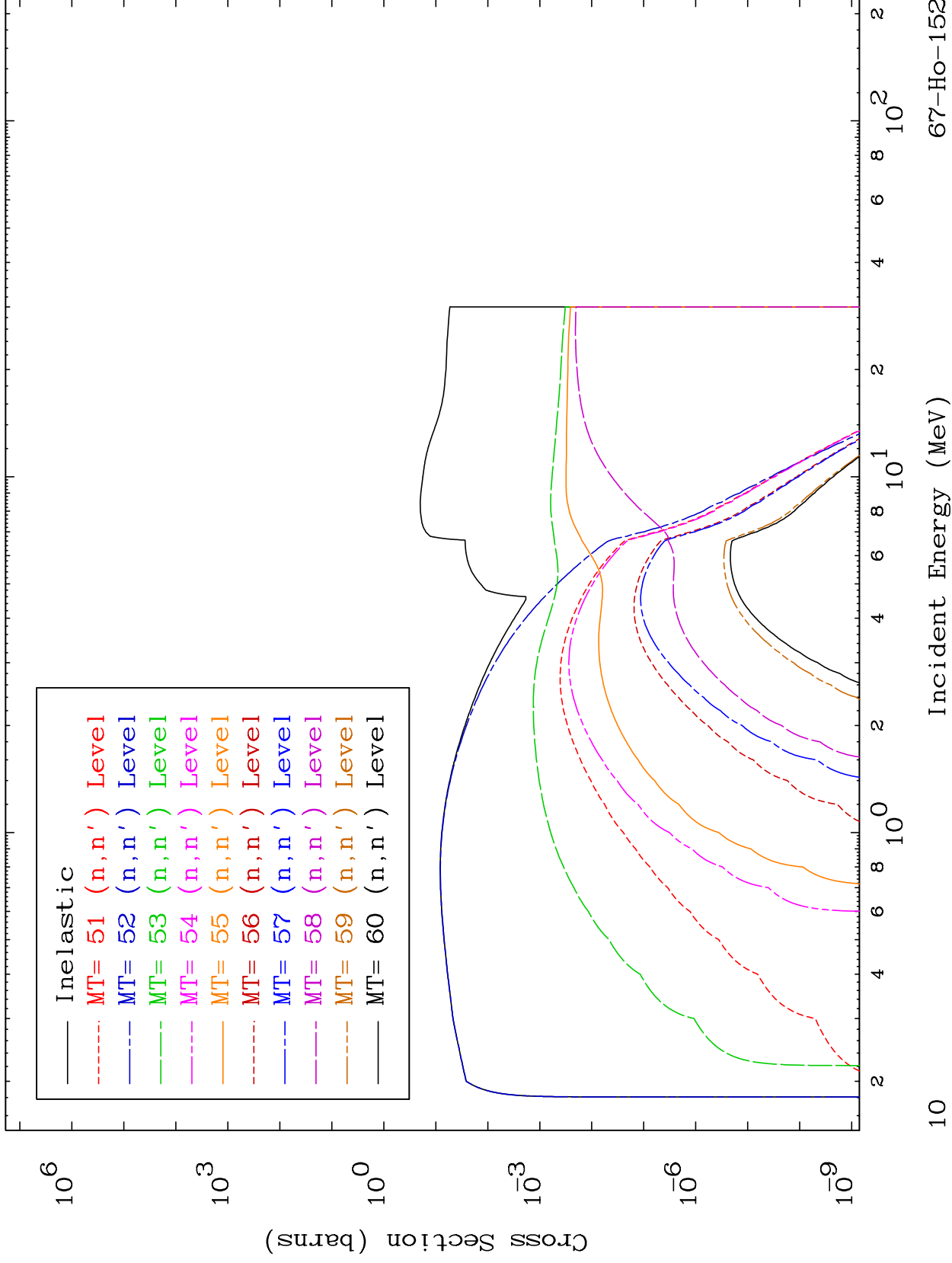




MAT 6686

(n,n') Levels  
293 Kelvin Cross Sections

67-Ho-152



10

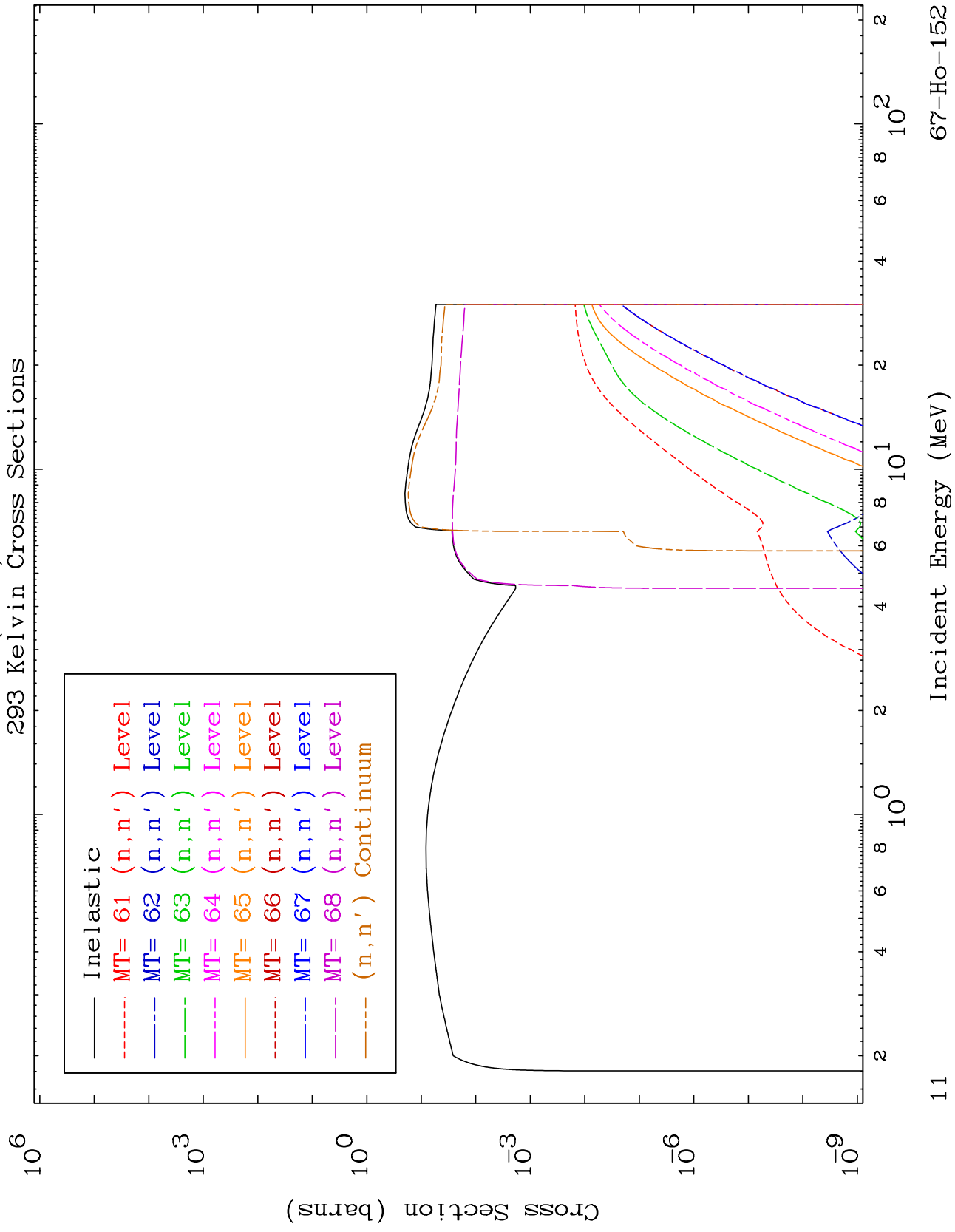
Incident Energy (MeV)

67-Ho-152

MAT 6686

(n,n') Levels  
293 Kelvin Cross Sections

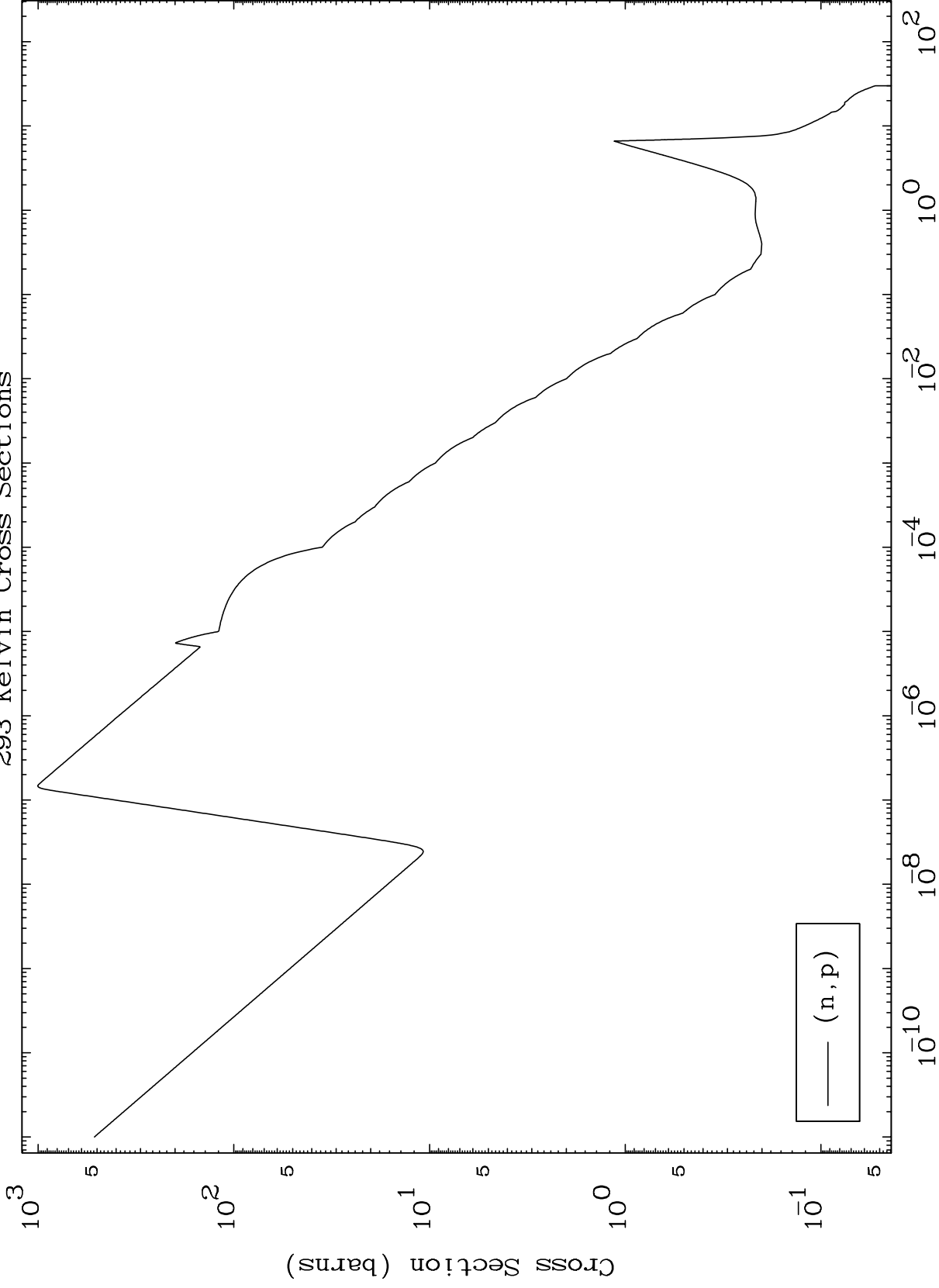
67-Ho-152



MAT 6686

(n,p) Levels  
293 Kelvin Cross Sections

67-Ho-152



12

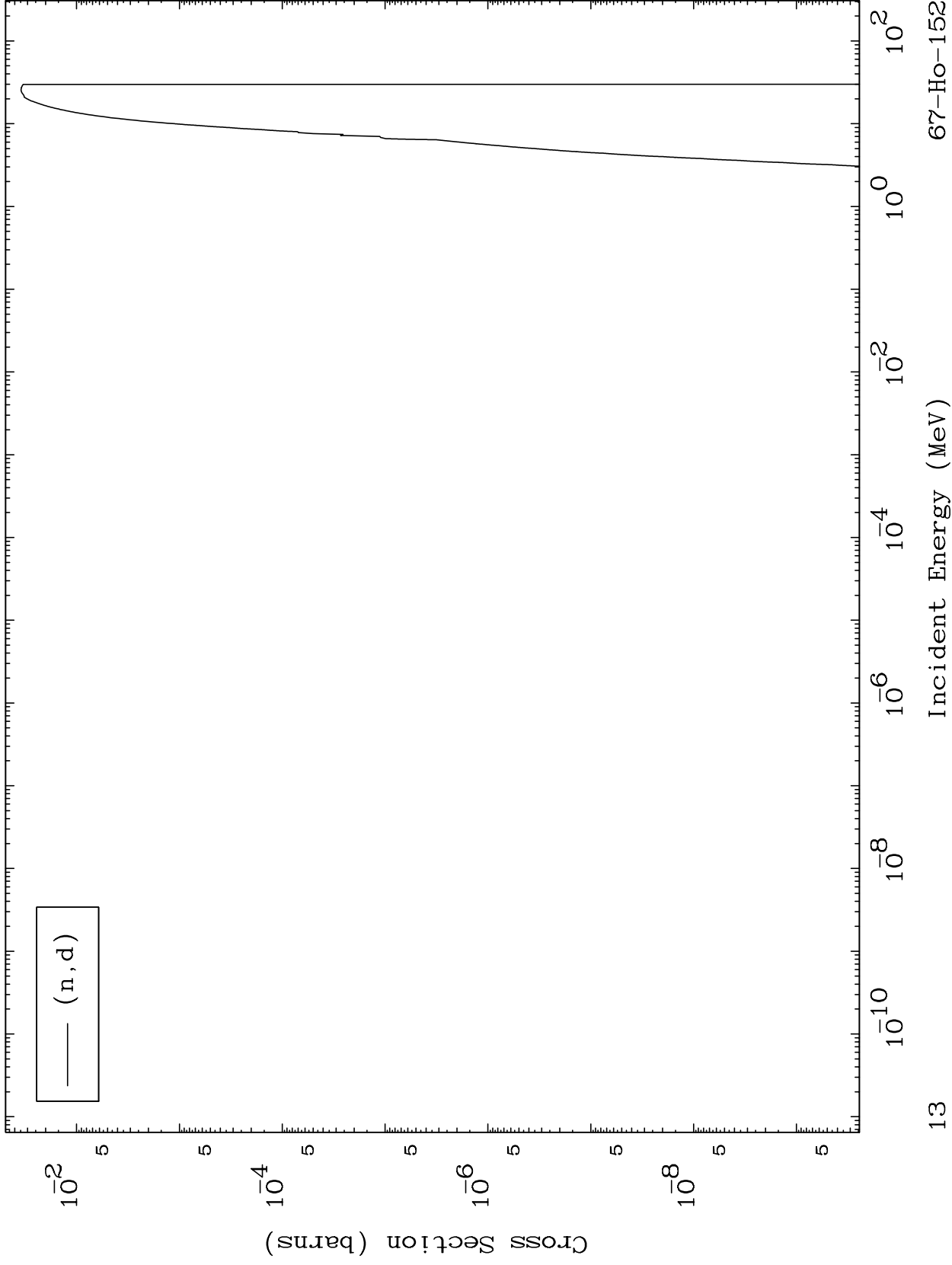
Incident Energy (MeV)

67-Ho-152

MAT 6686

(n,d) Levels  
293 Kelvin Cross Sections

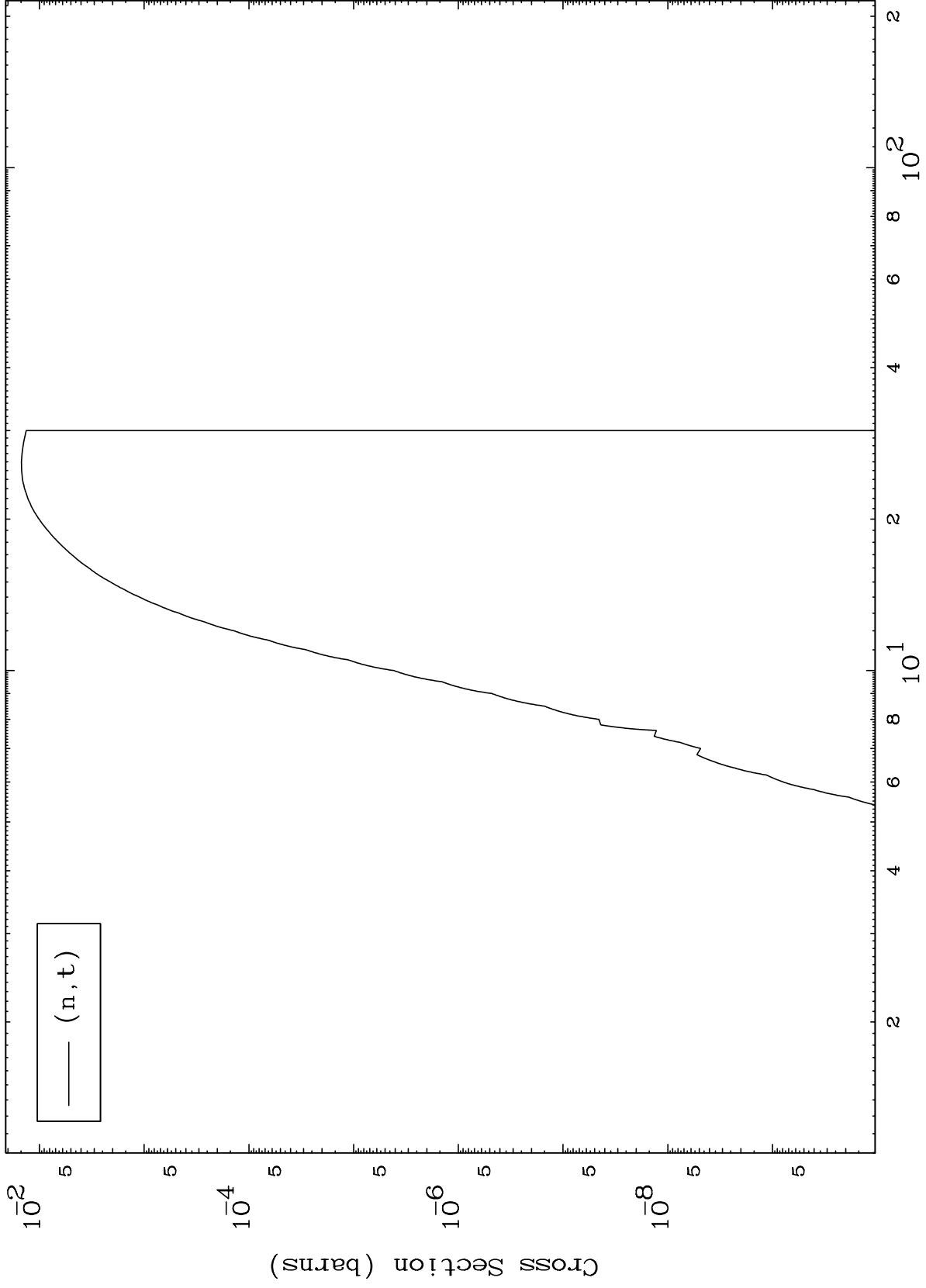
67-Ho-152



MAT 6686

(n,t) Levels  
293 Kelvin Cross Sections

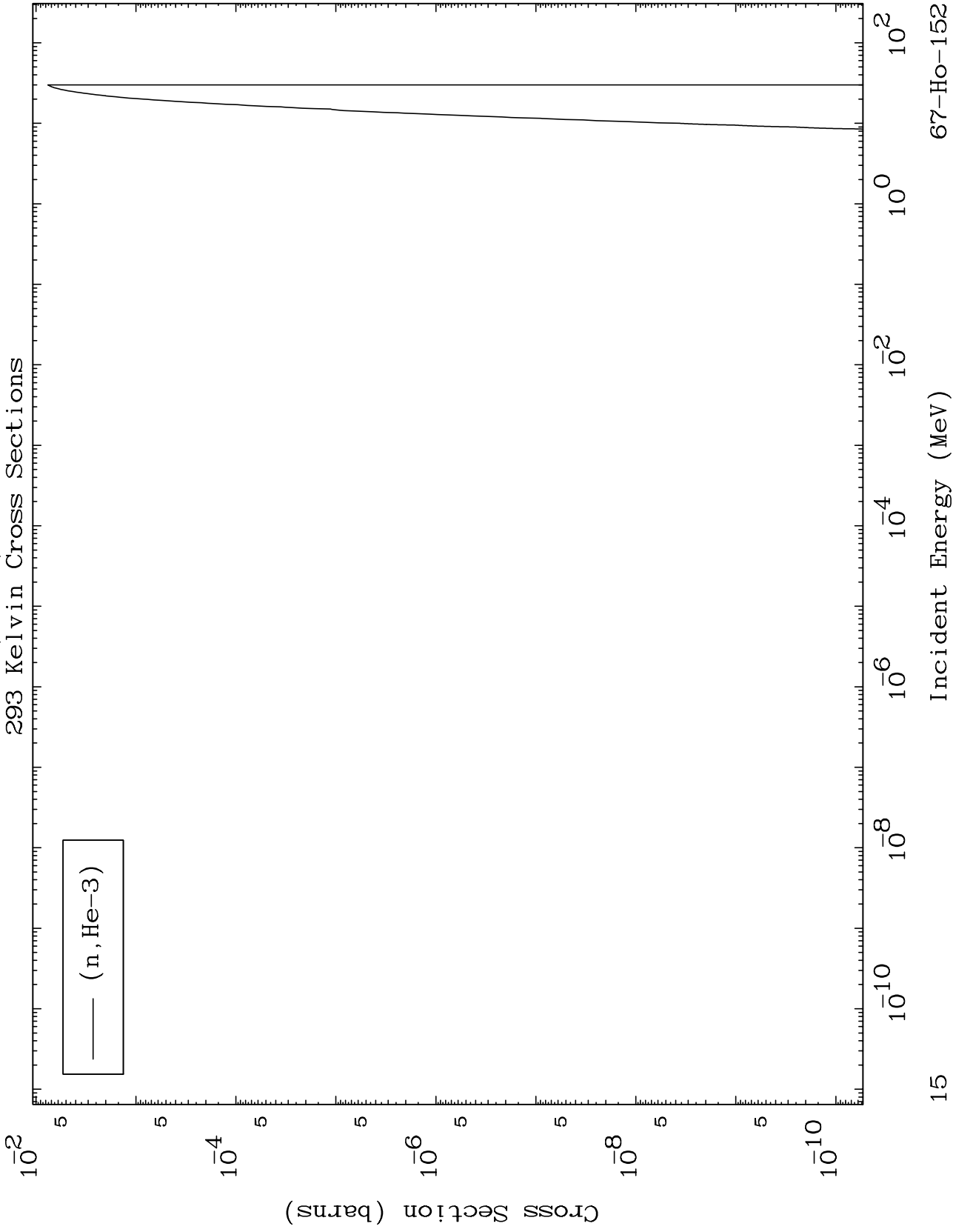
67-Ho-152



MAT 6686

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-152



15

Incident Energy (MeV)

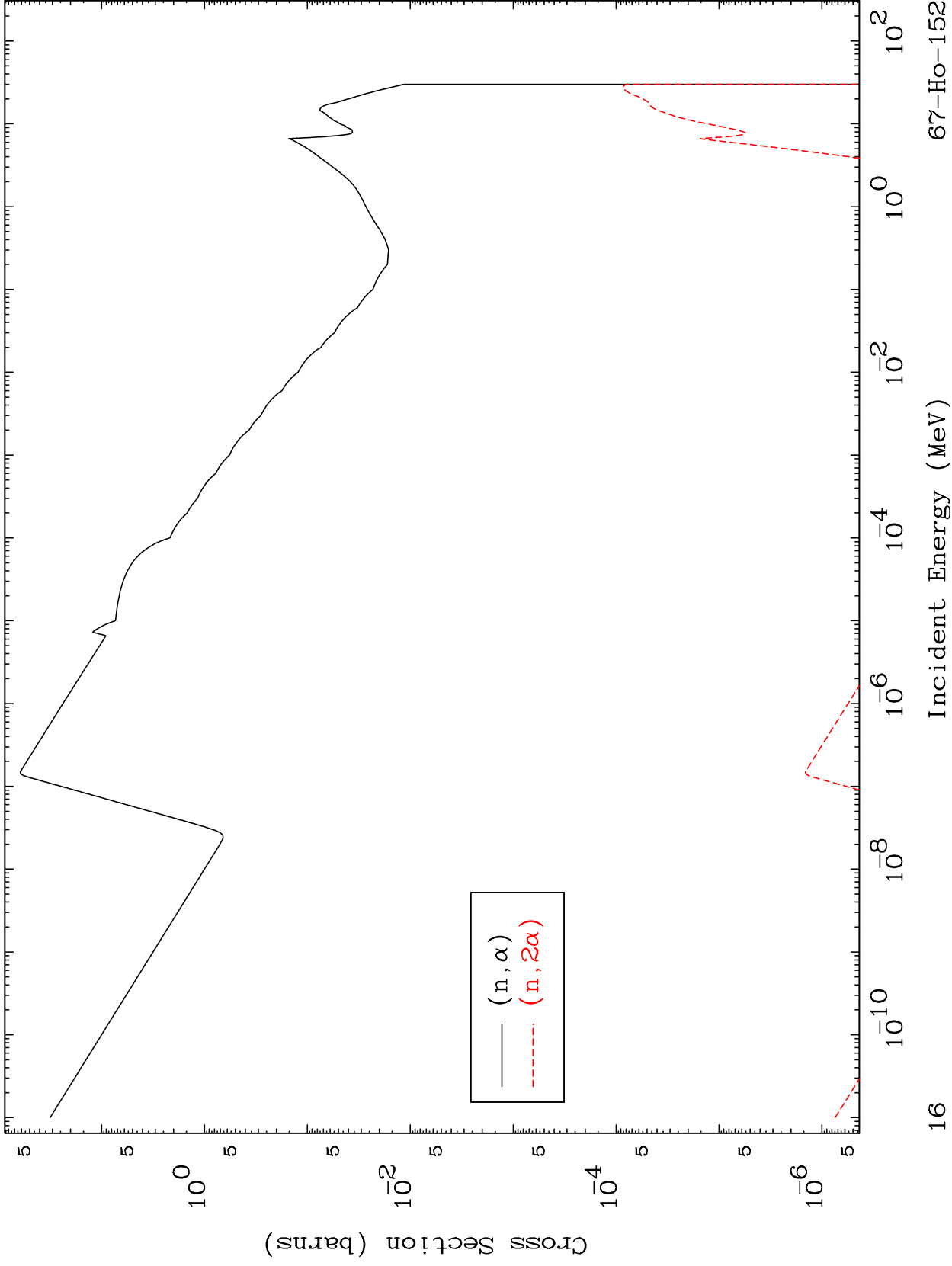
67-Ho-152



MAT 6686

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

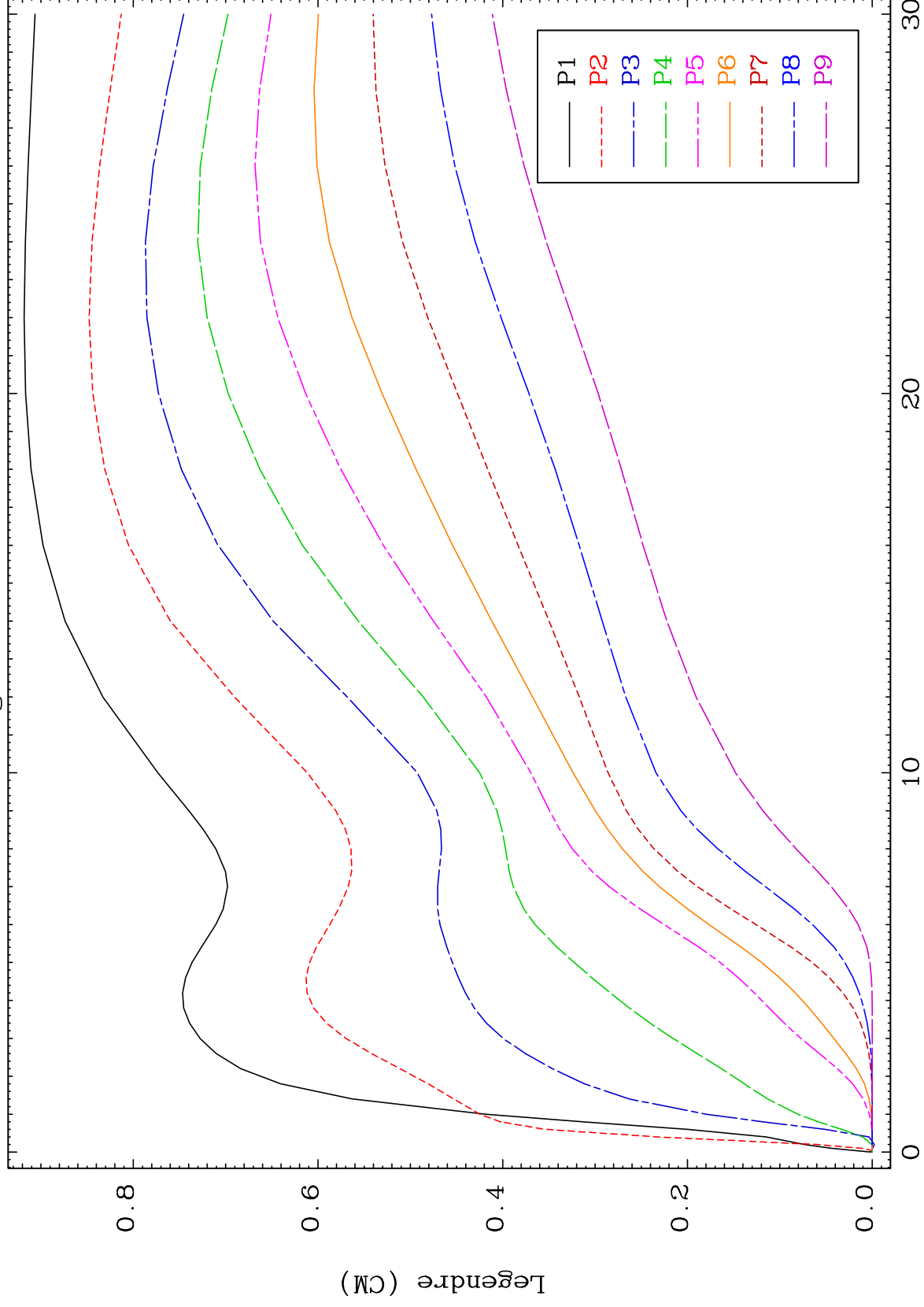
67-Ho-152



MAT 6686

Elastic  
Legendre Coefficients

67-Ho-152



17

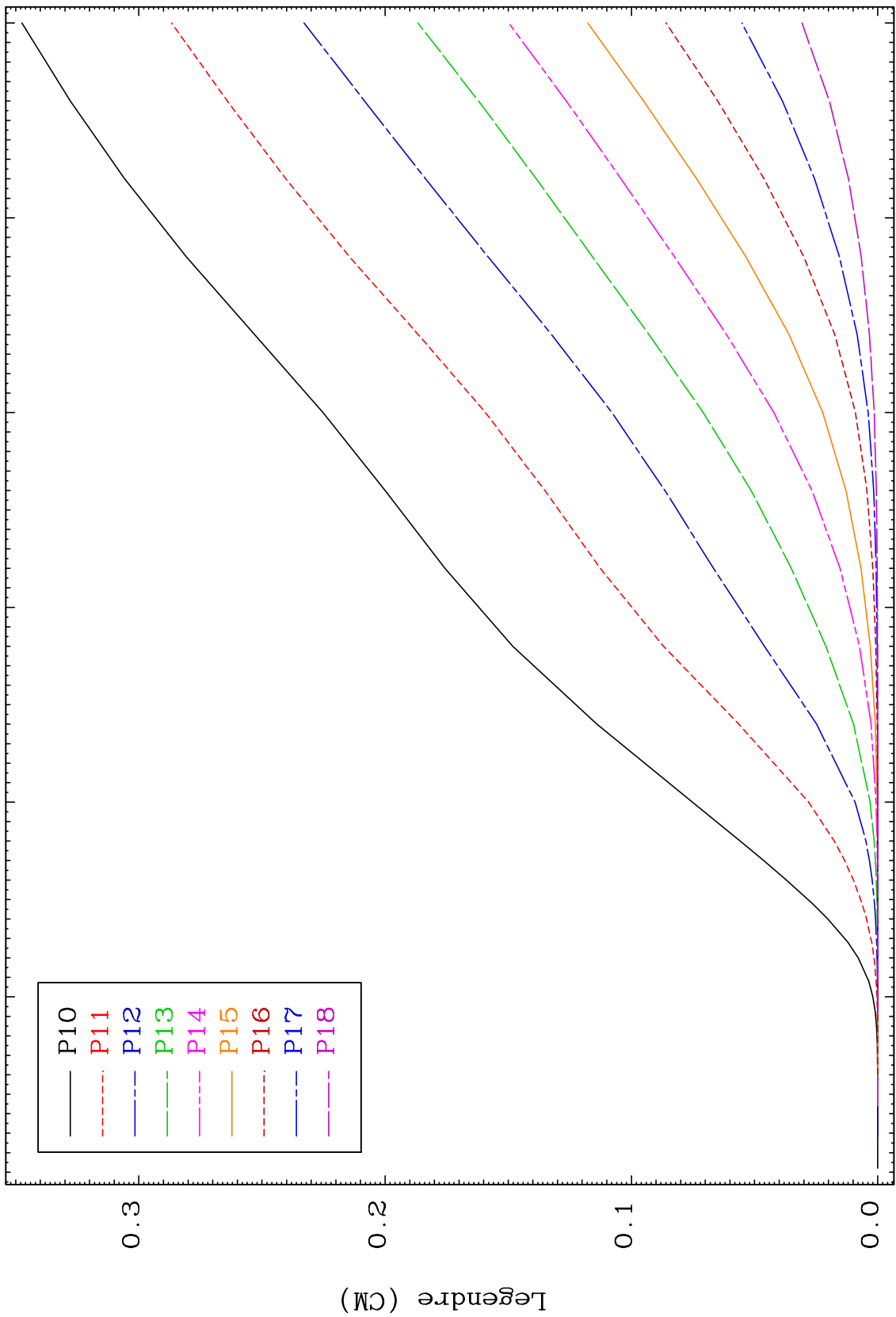
Incident Energy (MeV)

67-Ho-152

MAT 6686

Elastic  
Legendre Coefficients

67-Ho-152



18

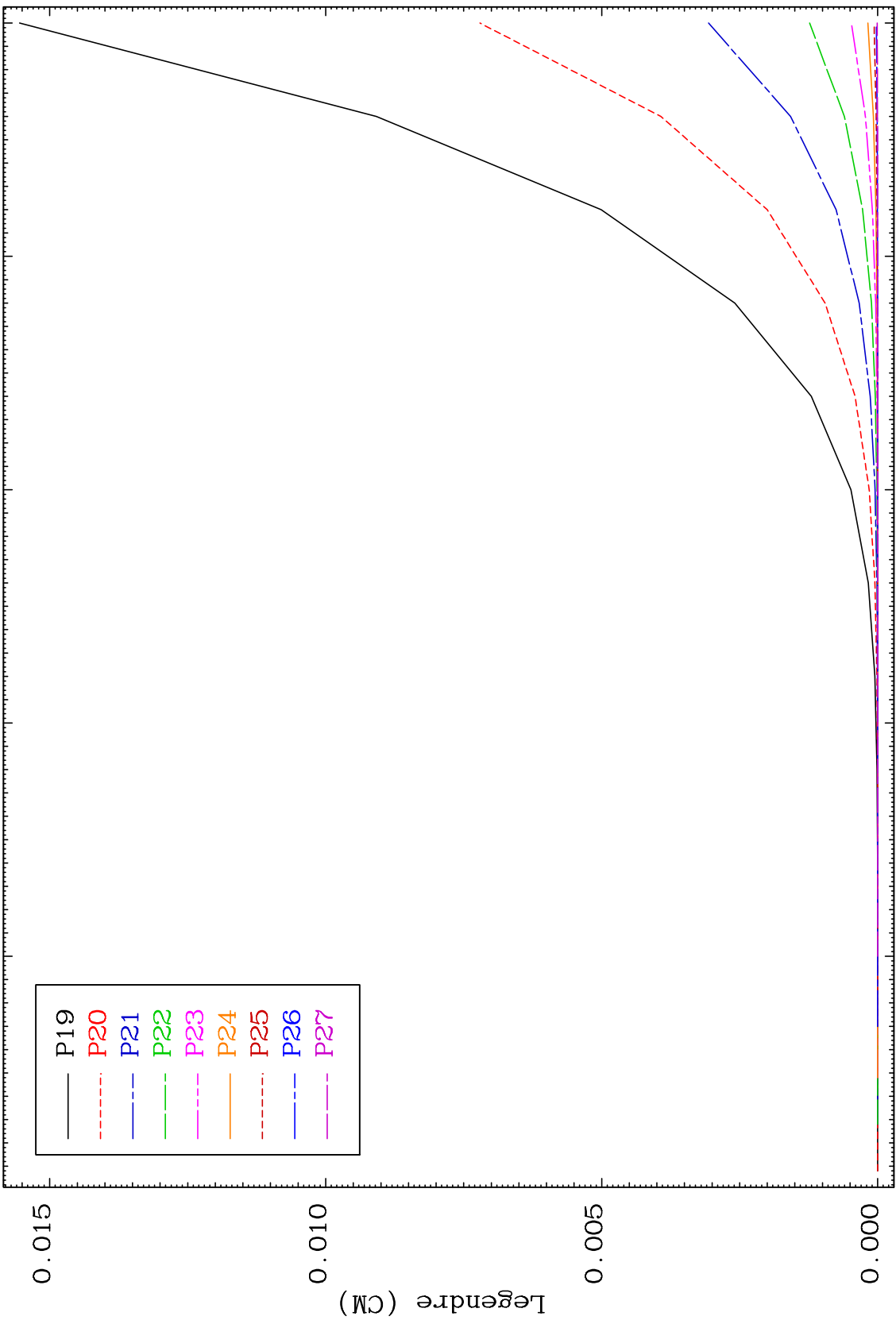
Incident Energy (MeV)

67-Ho-152

MAT 6686

Elastic Legendre Coefficients

67-Ho-152



19

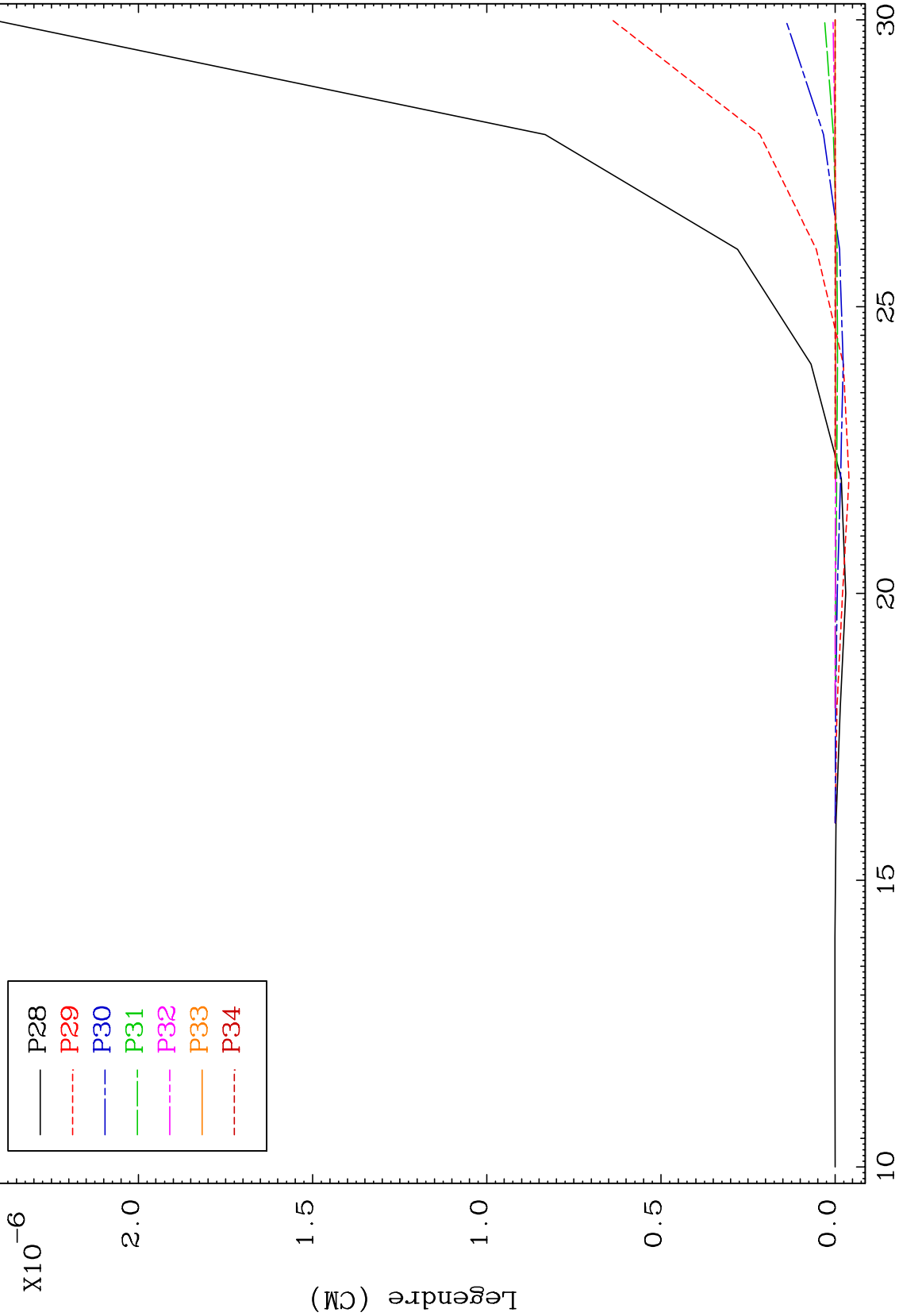
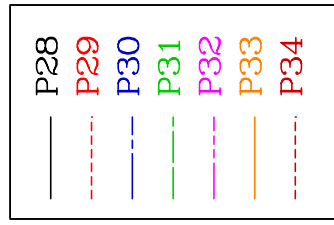
Incident Energy (MeV)

67-Ho-152

MAT 6686

Elastic Legendre Coefficients

67-Ho-152



67-Ho-152

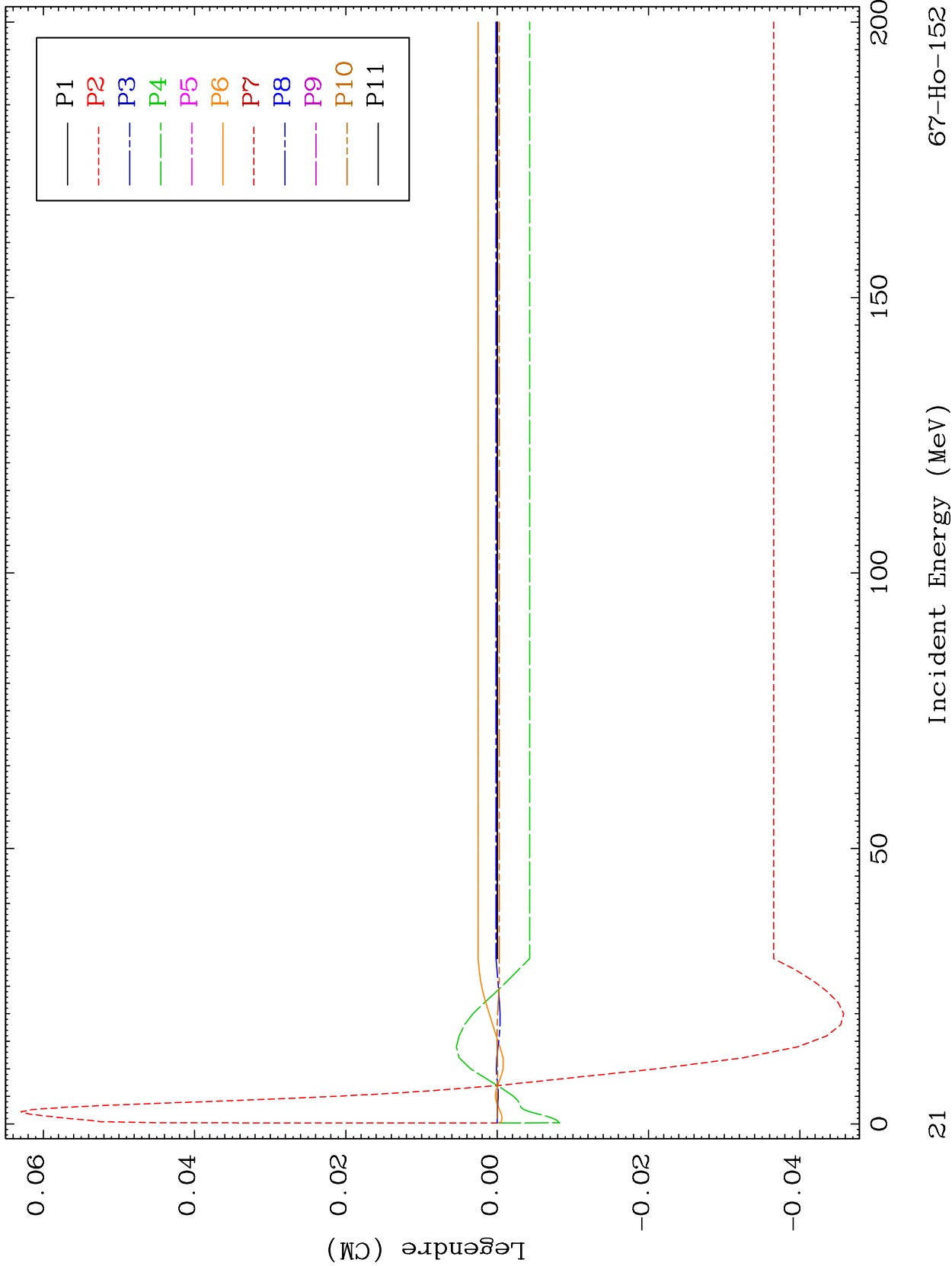
Incident Energy (MeV)

20

MAT 6686

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

67-Ho-152



21

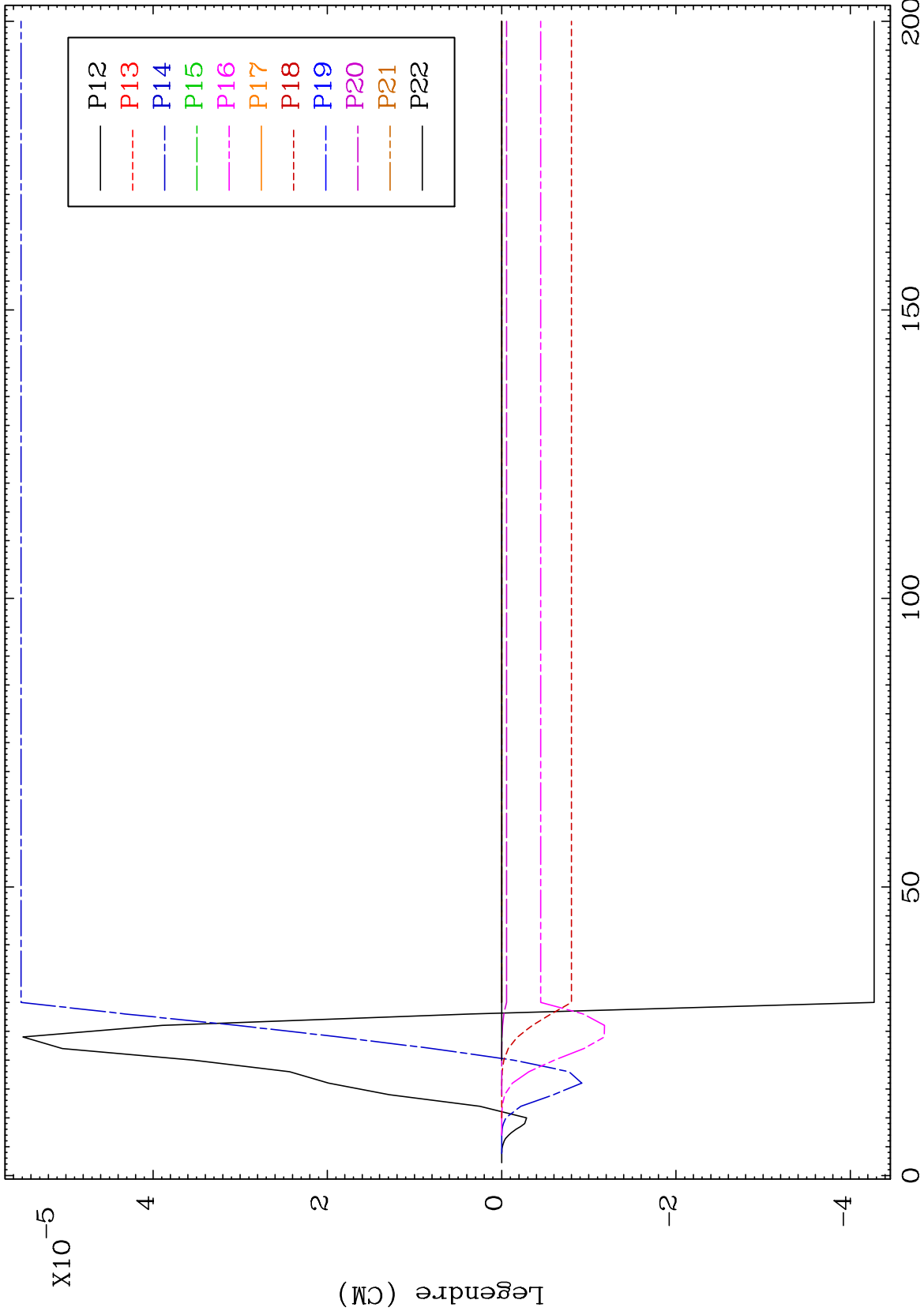
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



22

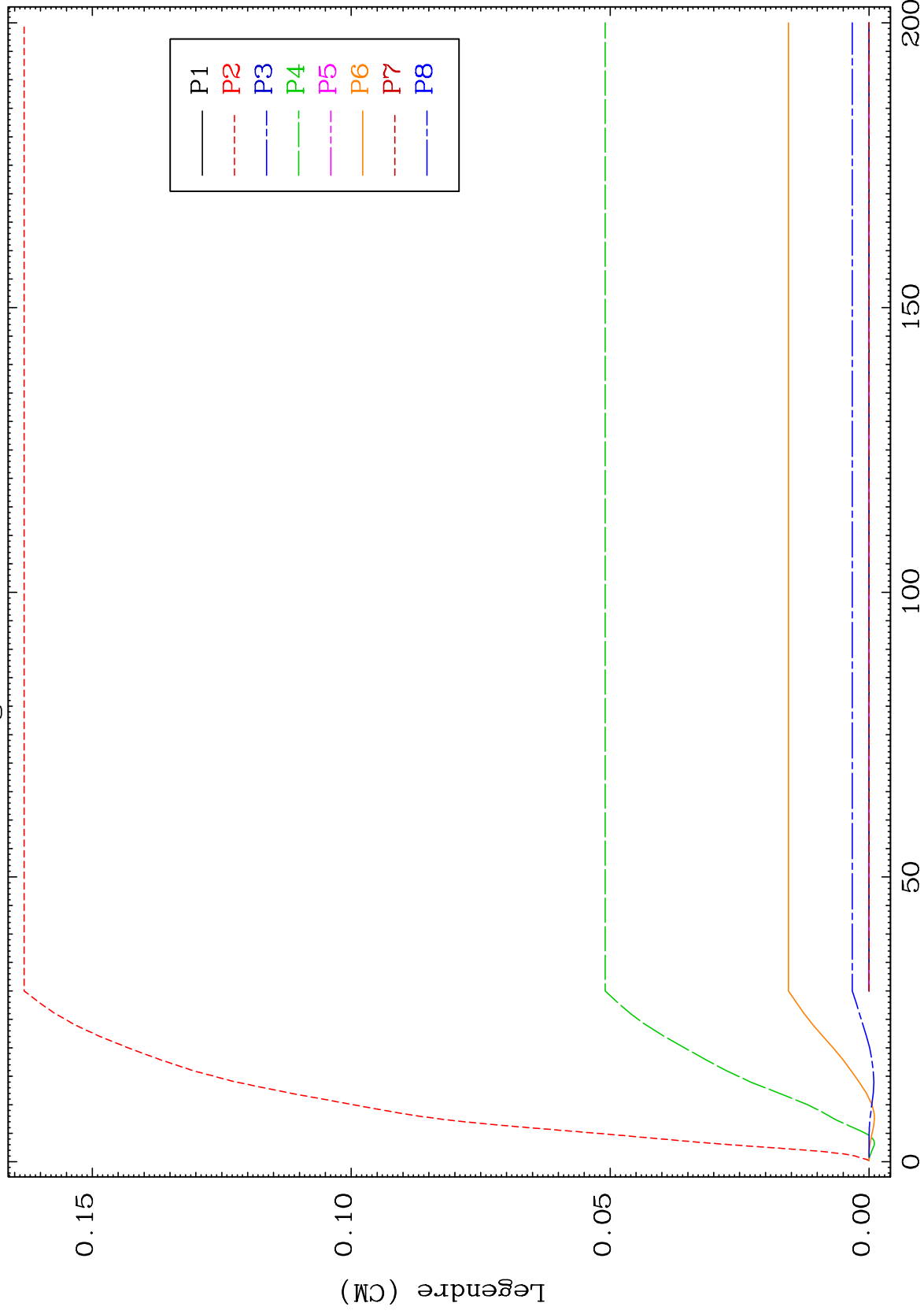
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152

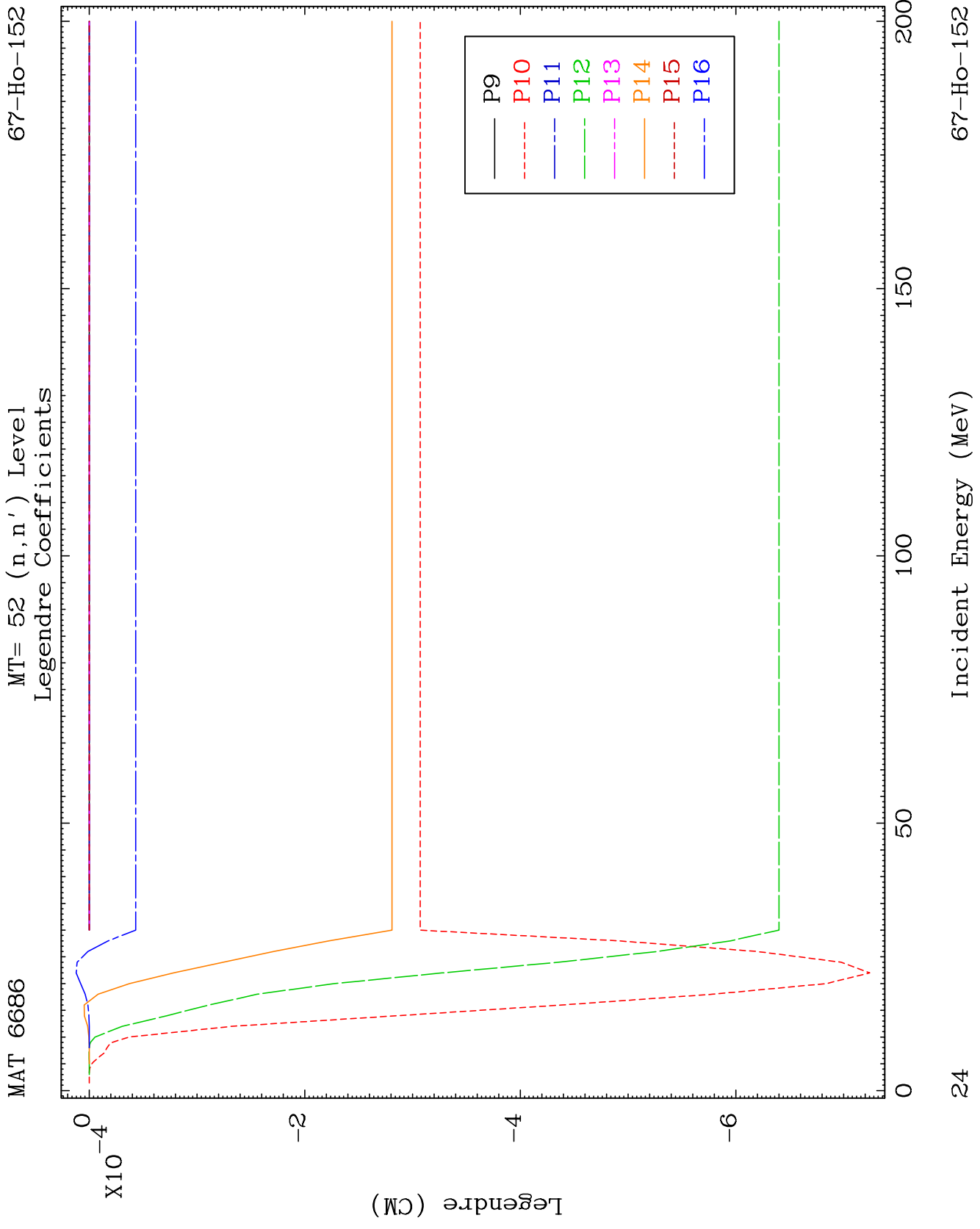


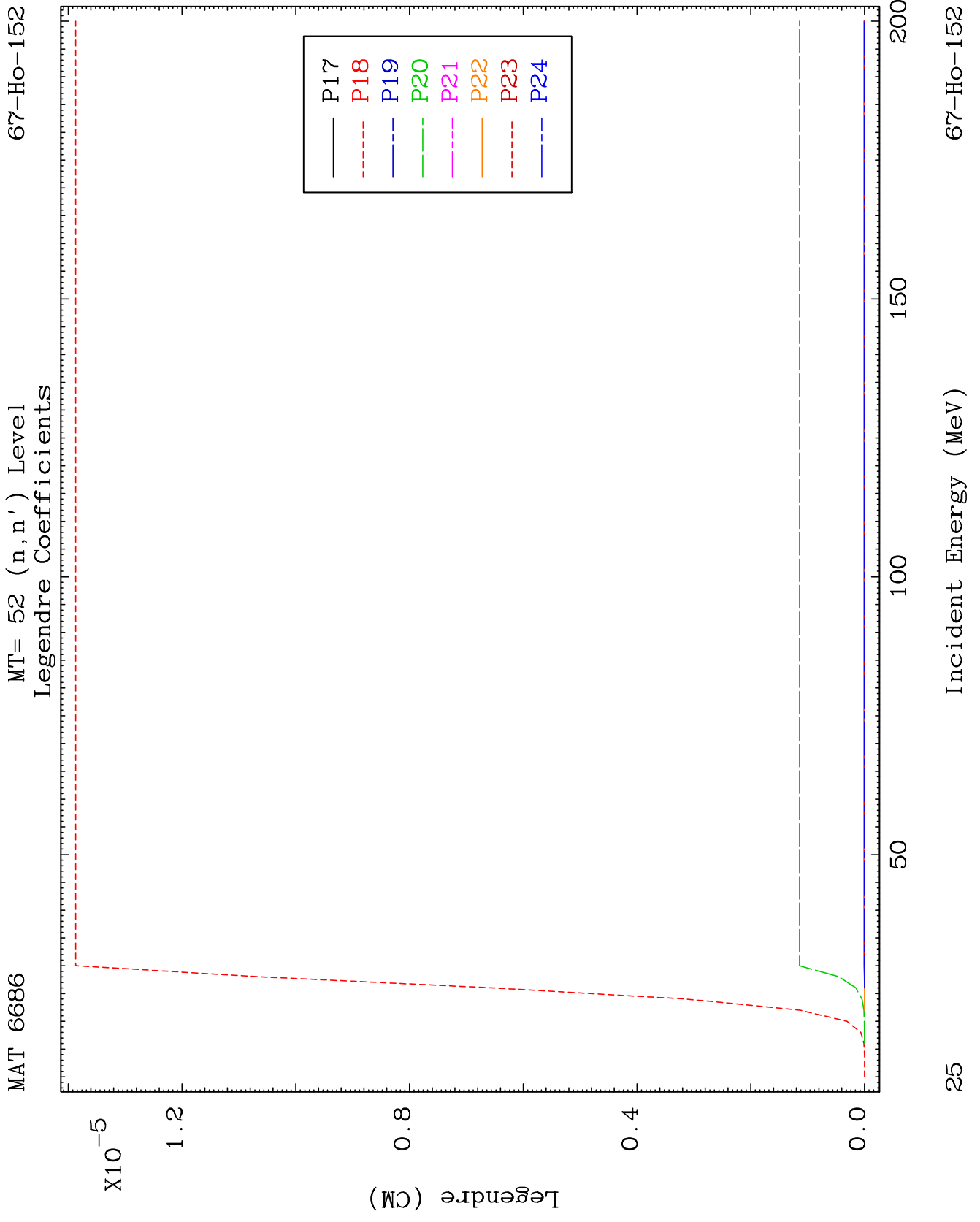
23

Incident Energy (MeV)

67-Ho-152



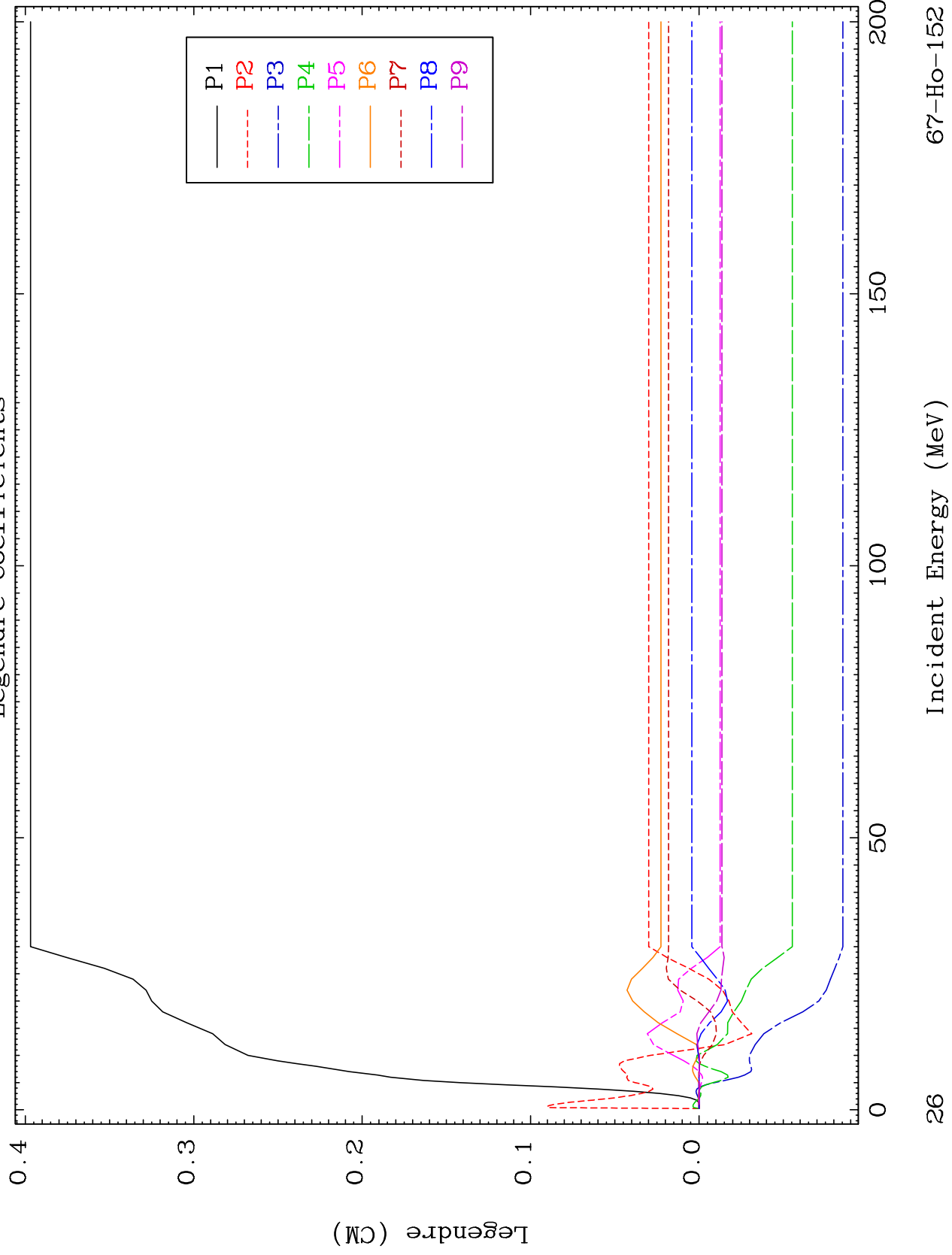




MAT 6686

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

67-Ho-152



67-Ho-152

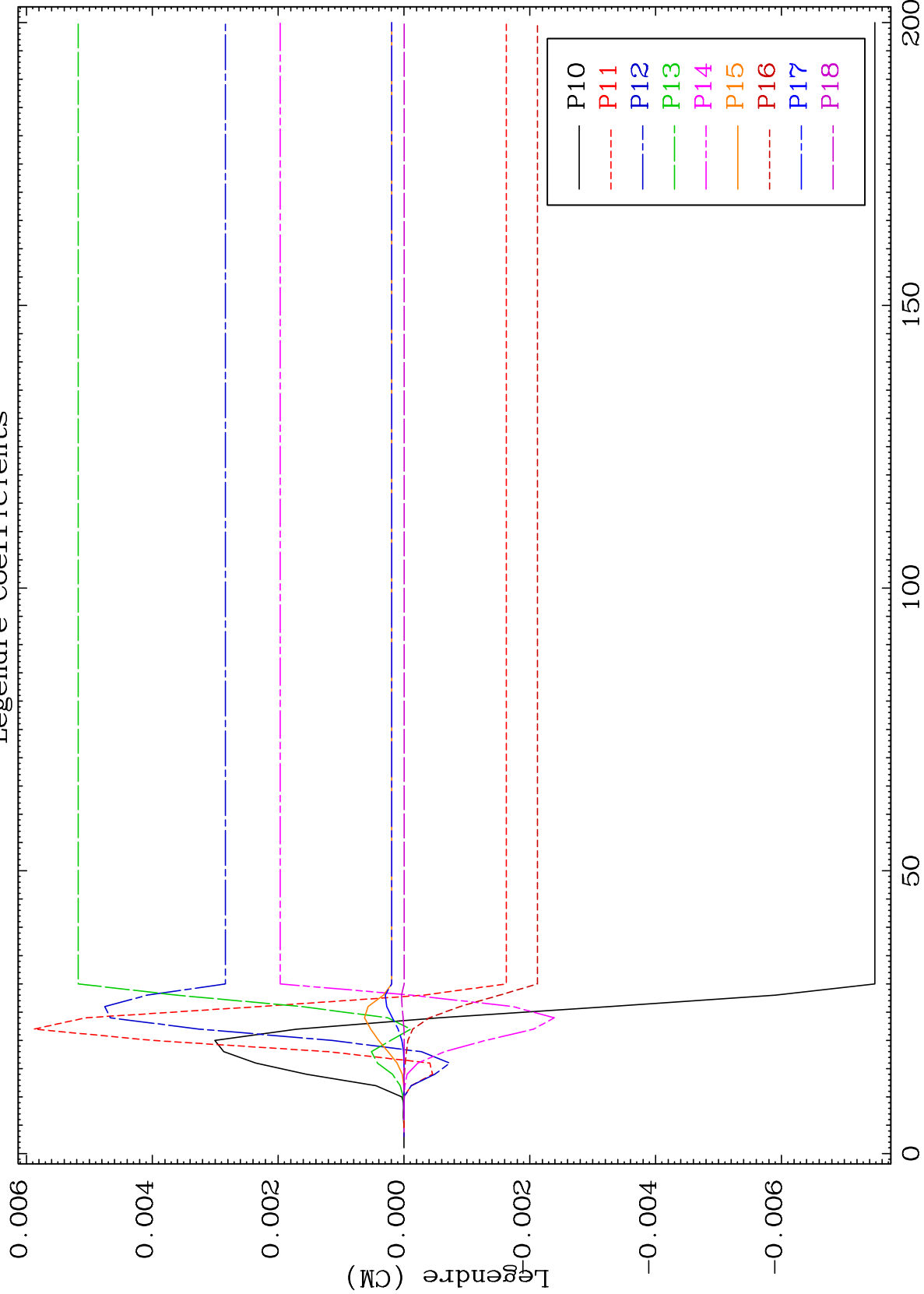
Incident Energy (MeV)

26

MAT 6686

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

67-Ho-152



27

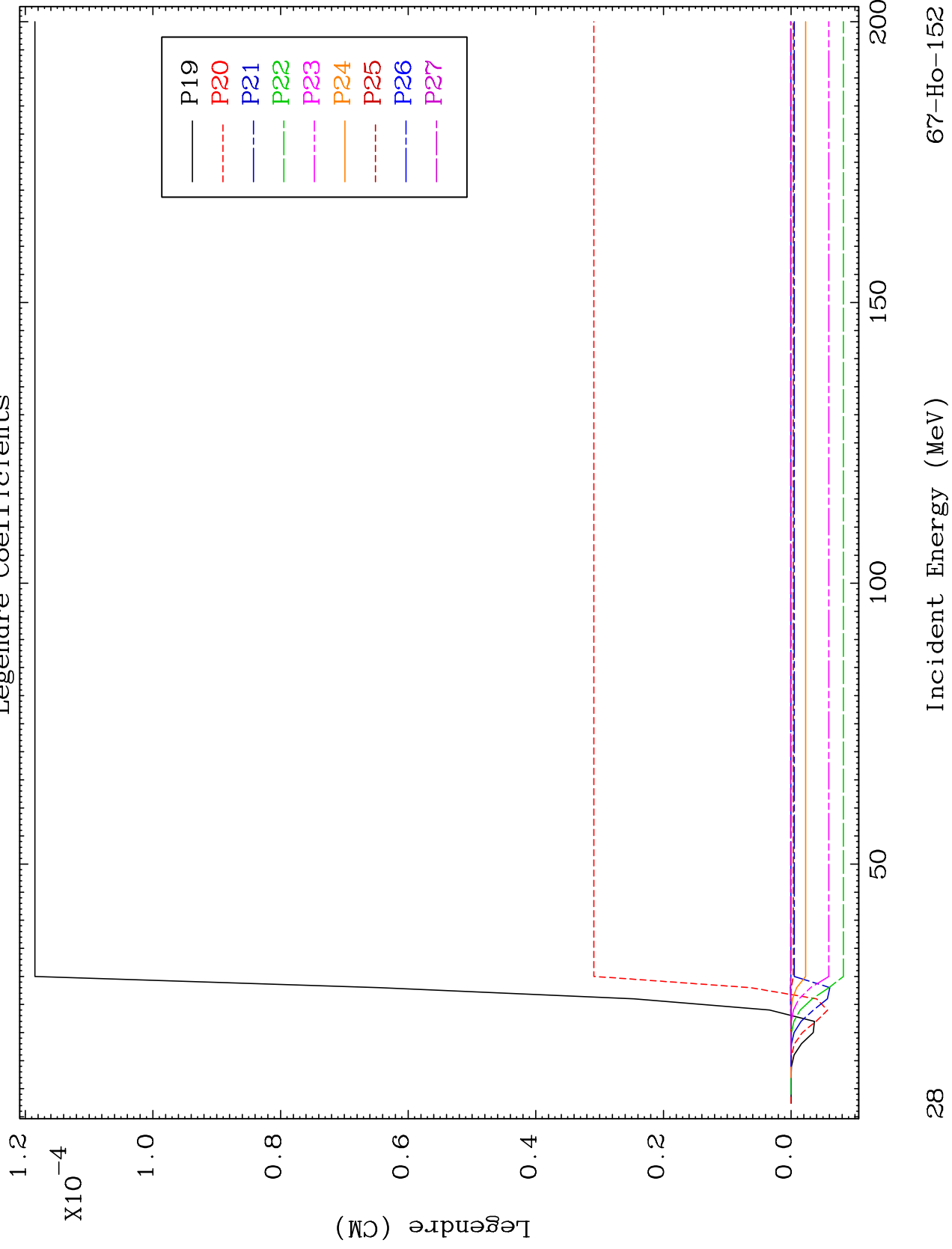
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



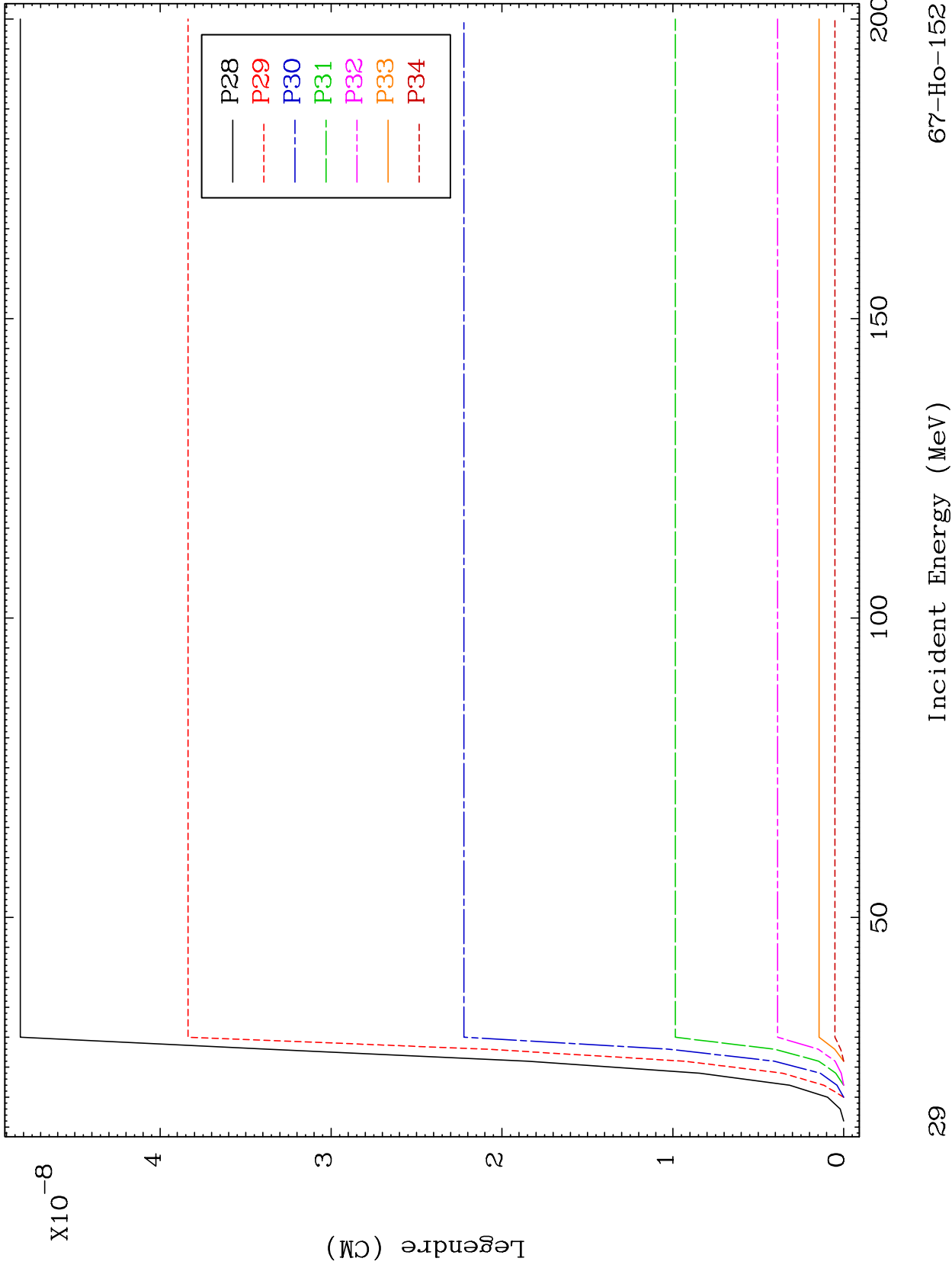
28

67-Ho-152

MAT 6686

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

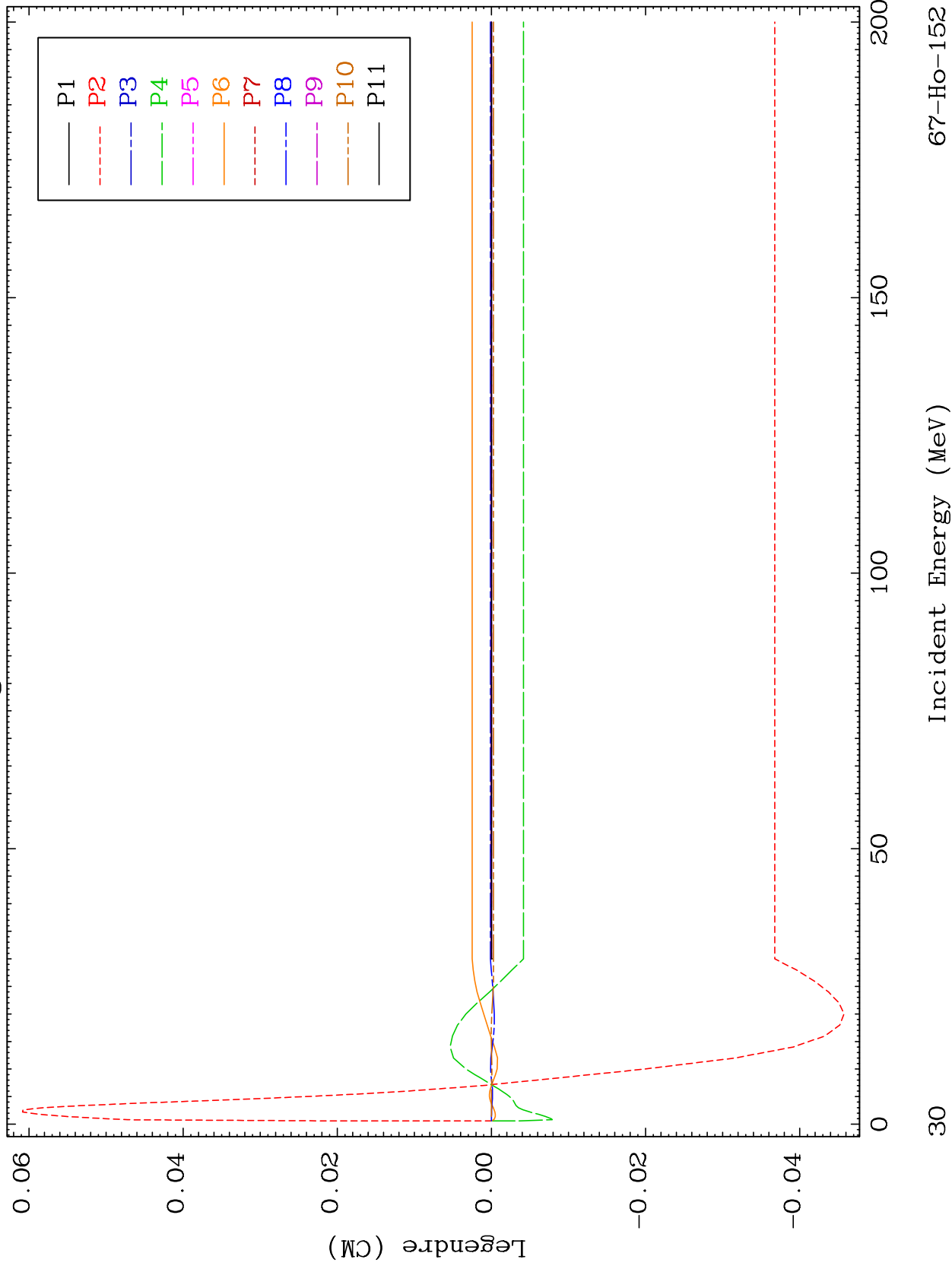
67-Ho-152



MAT 6686

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

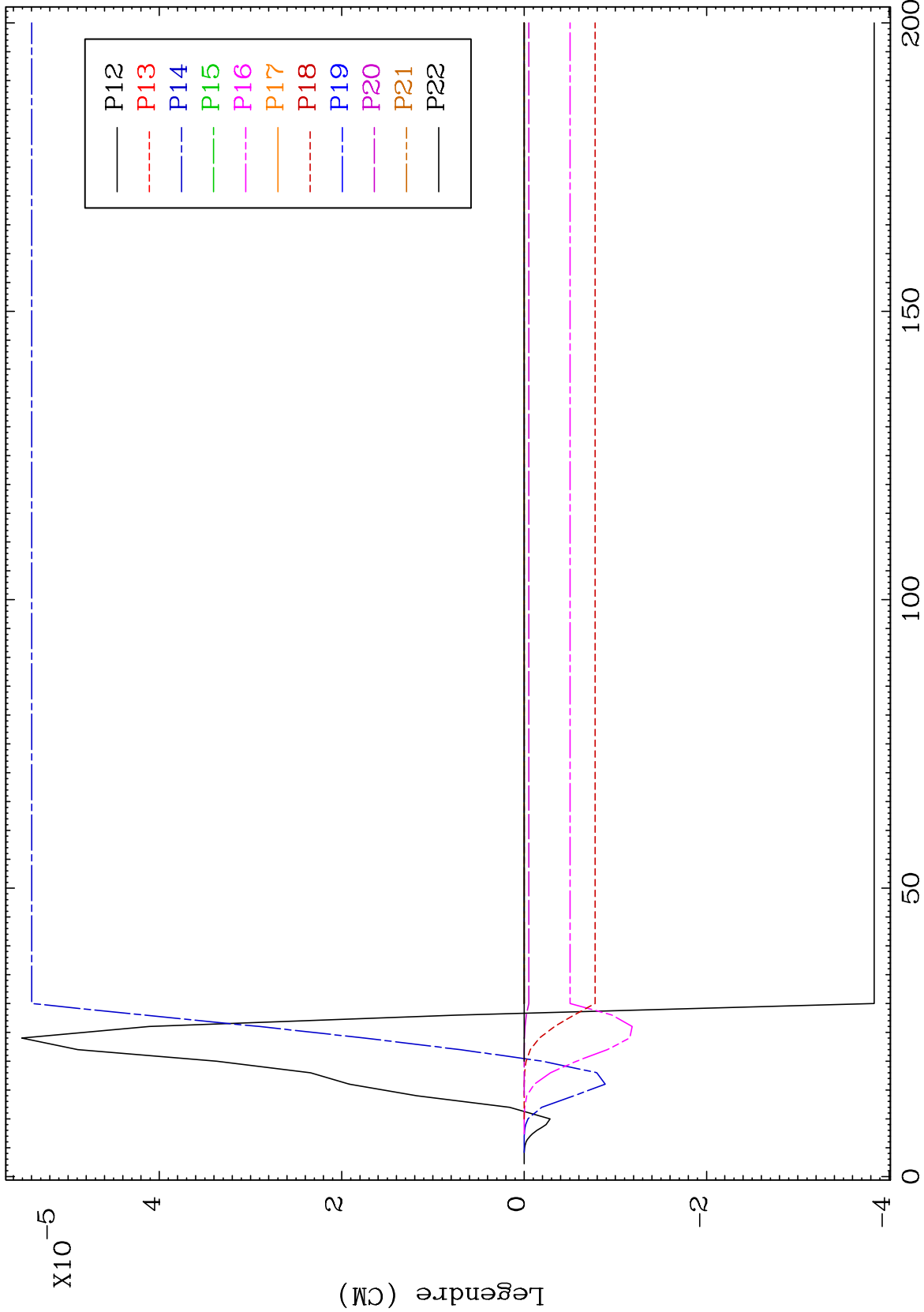
67-Ho-152



MAT 6686

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

67-Ho-152

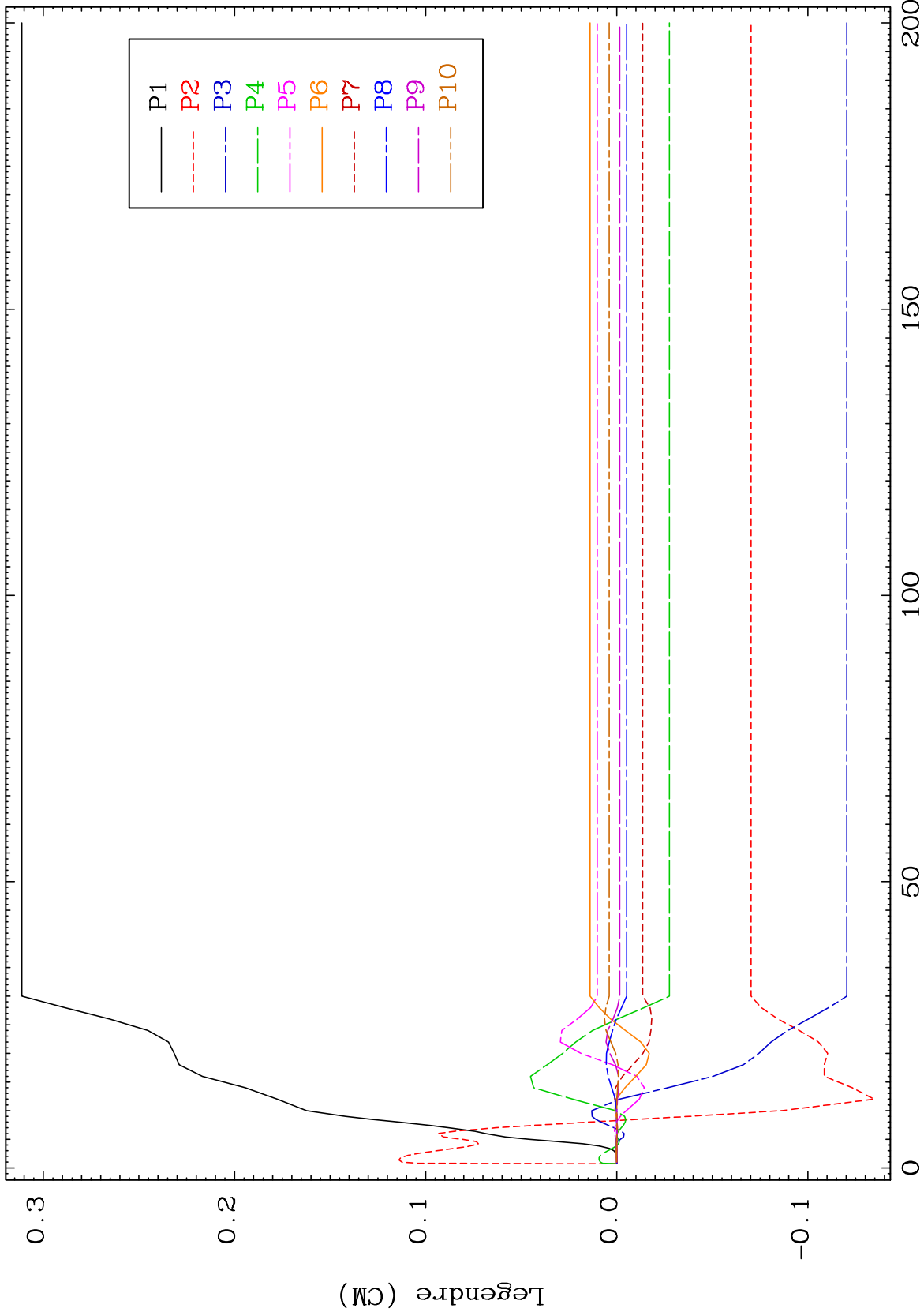


31

Incident Energy (MeV)

67-Ho-152

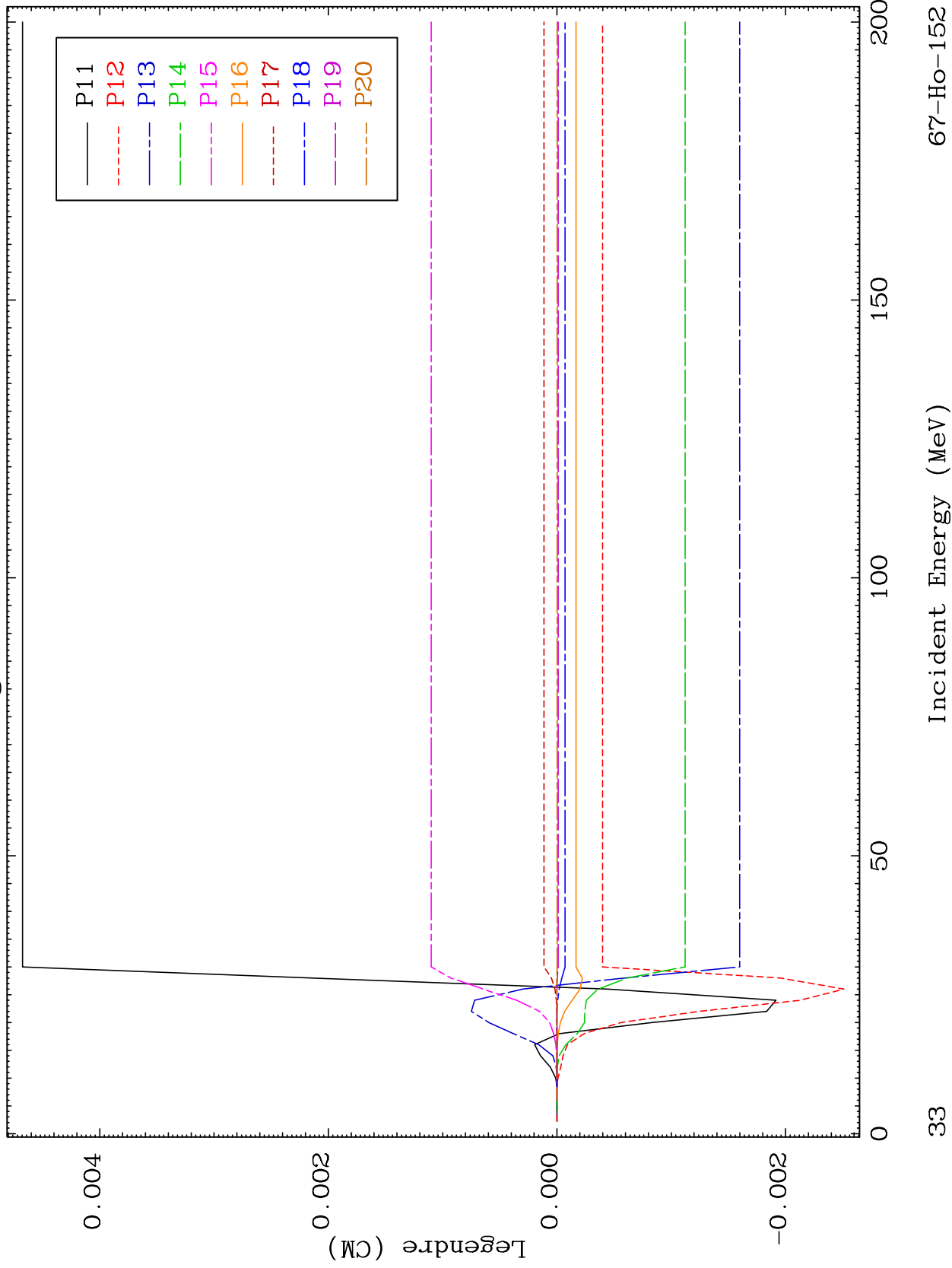




MAT 6686

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

67-Ho-152



33

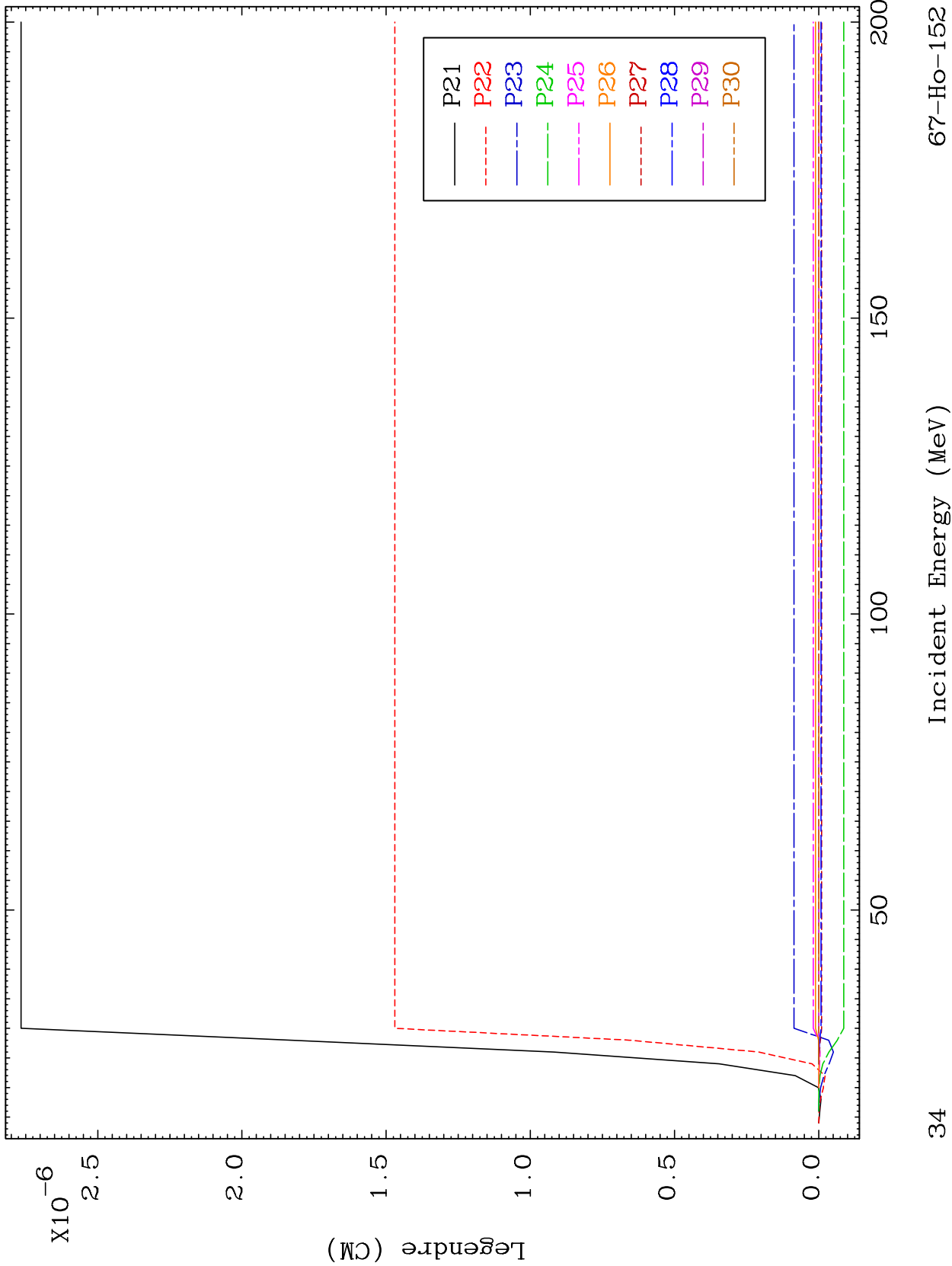
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



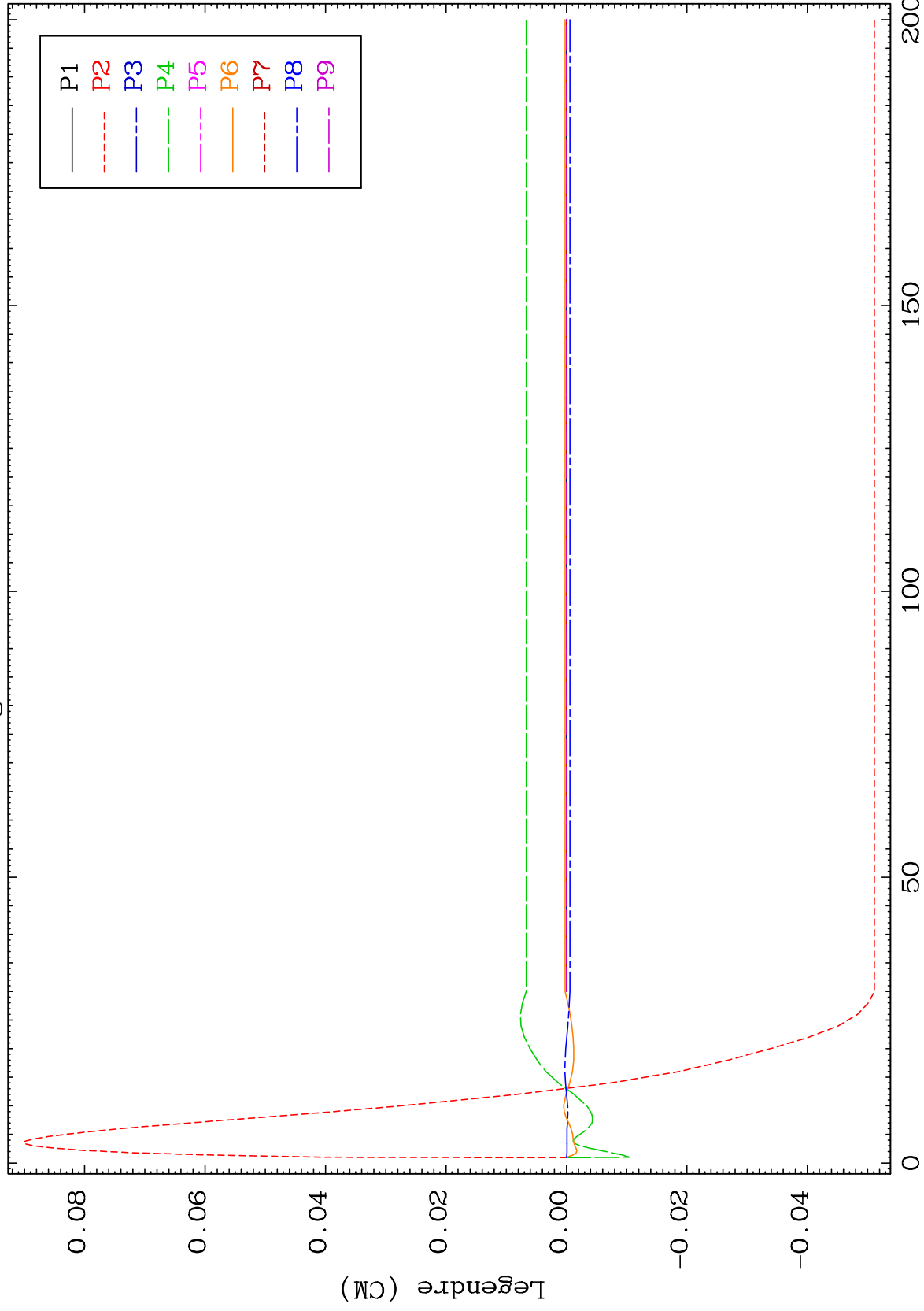
34

67-Ho-152

MAT 6686

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

67-Ho-152



67-Ho-152

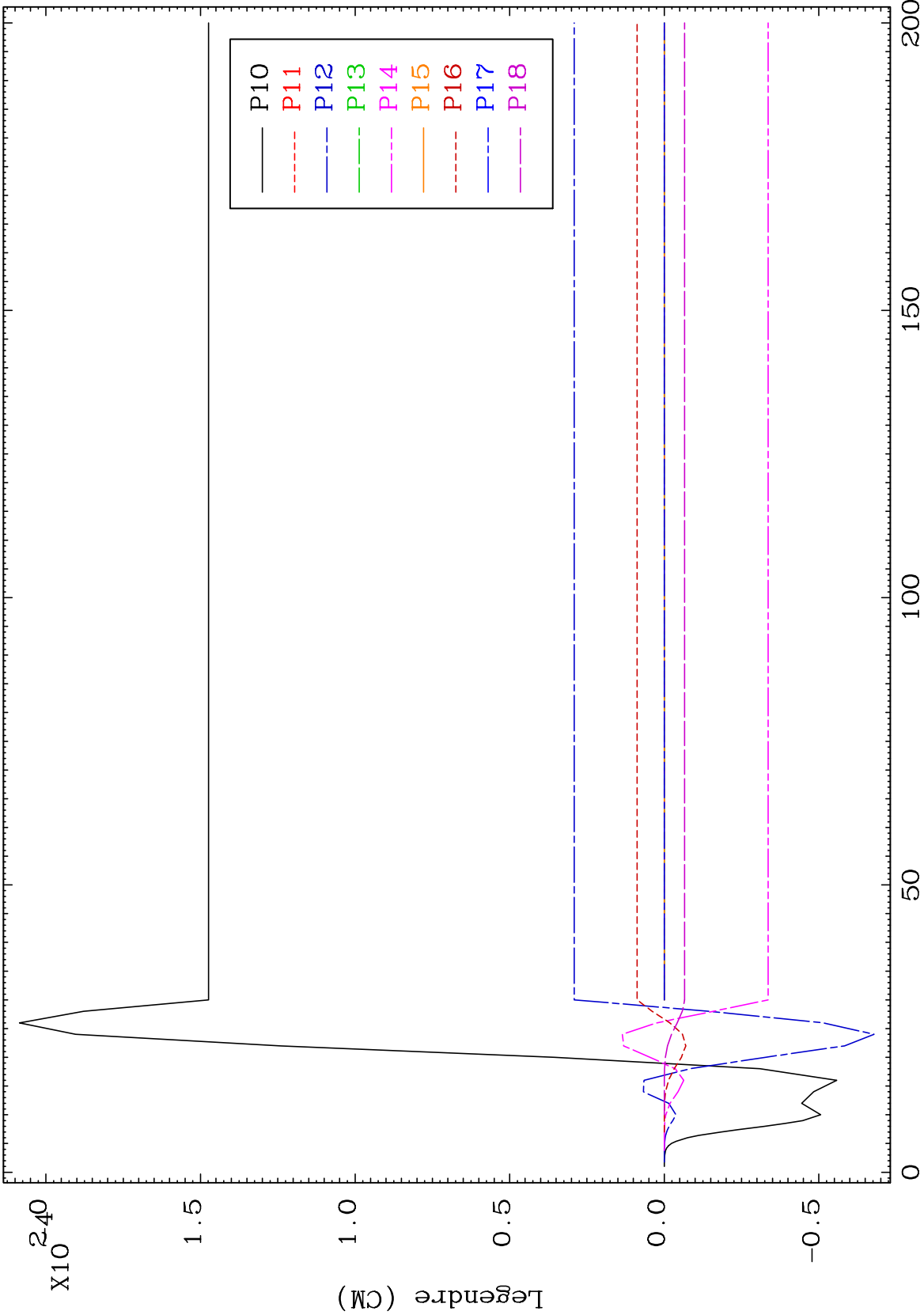
Incident Energy (MeV)

35

MAT 6686

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

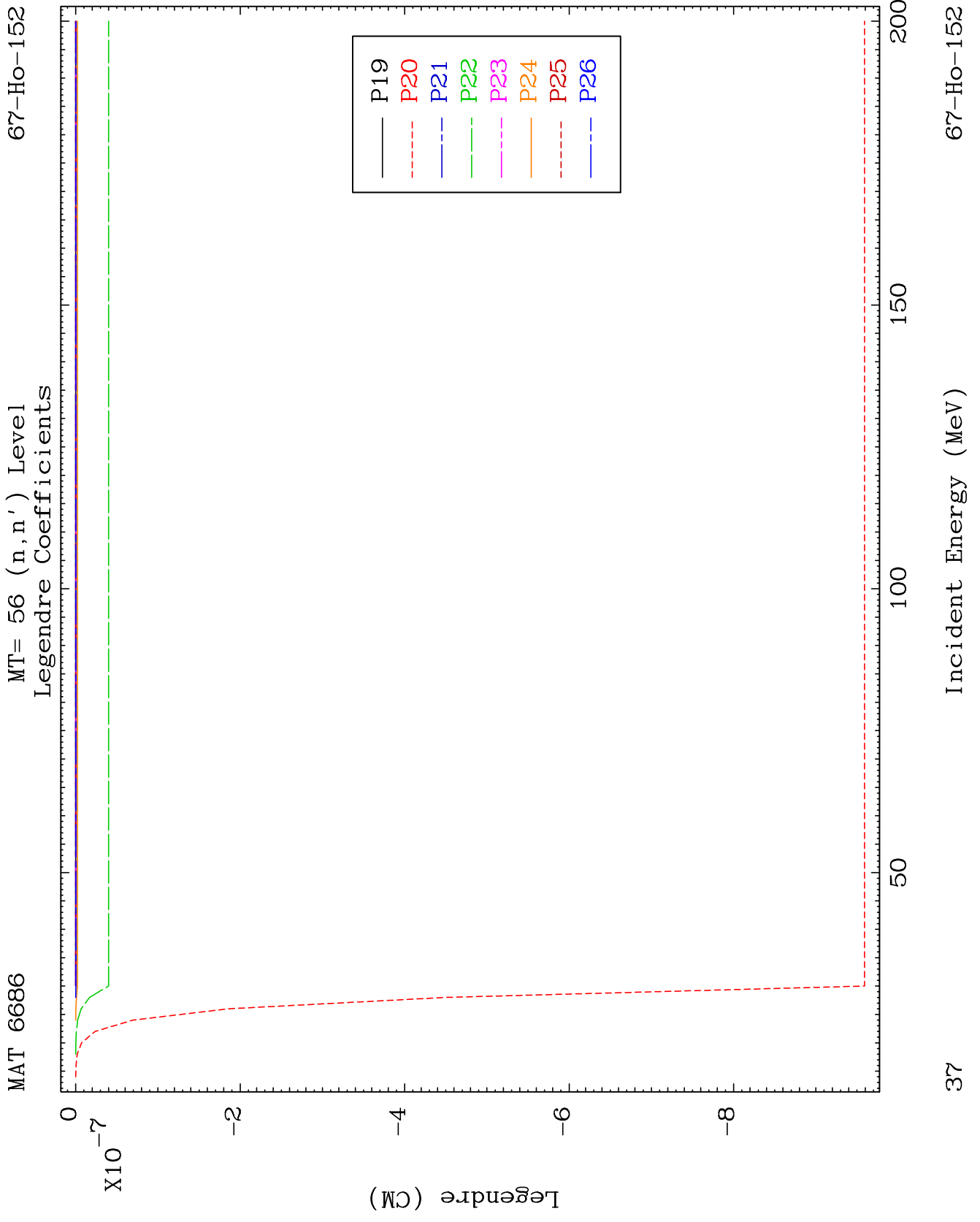
67-Ho-152



36

Incident Energy (MeV)

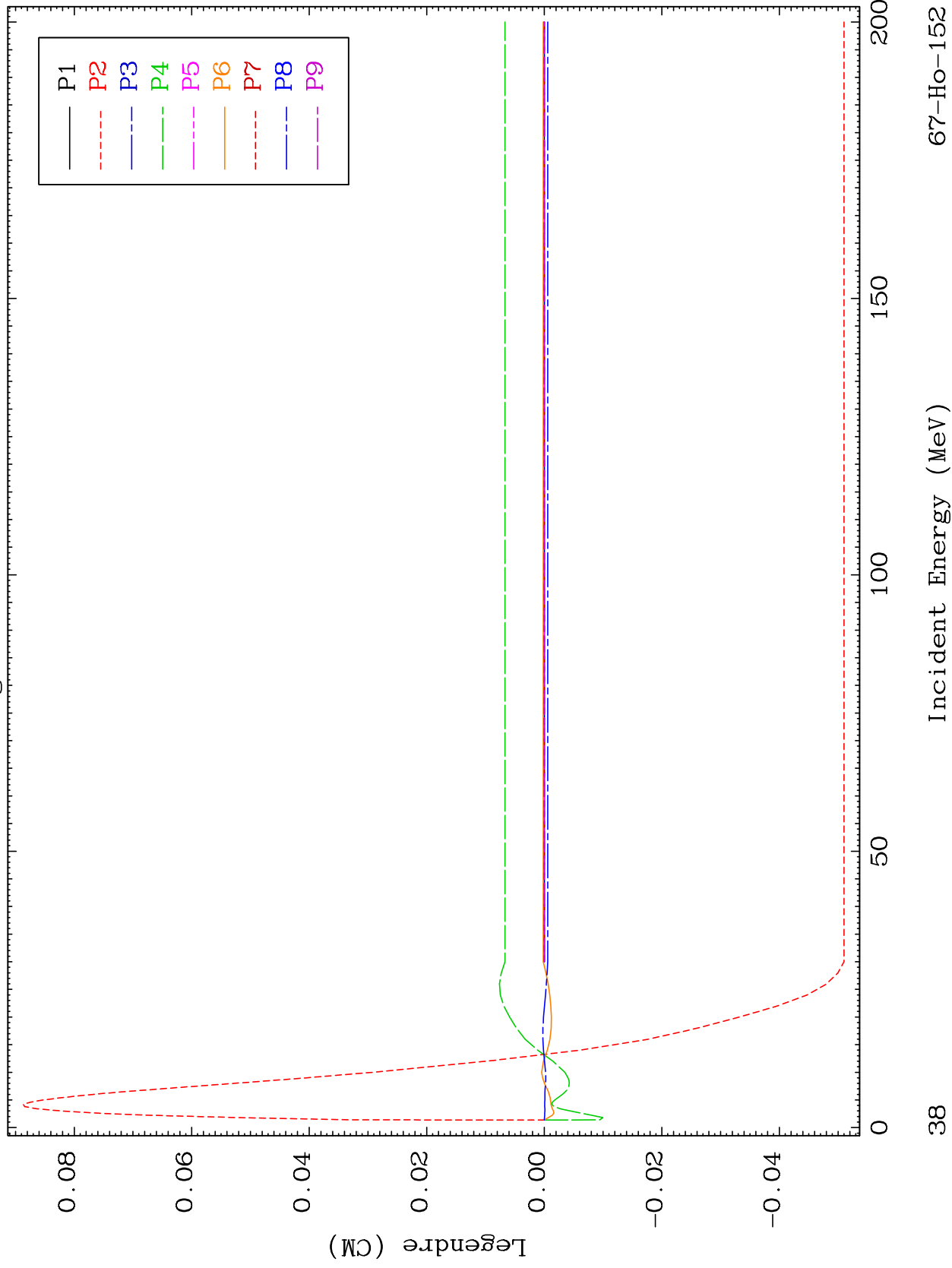
67-Ho-152

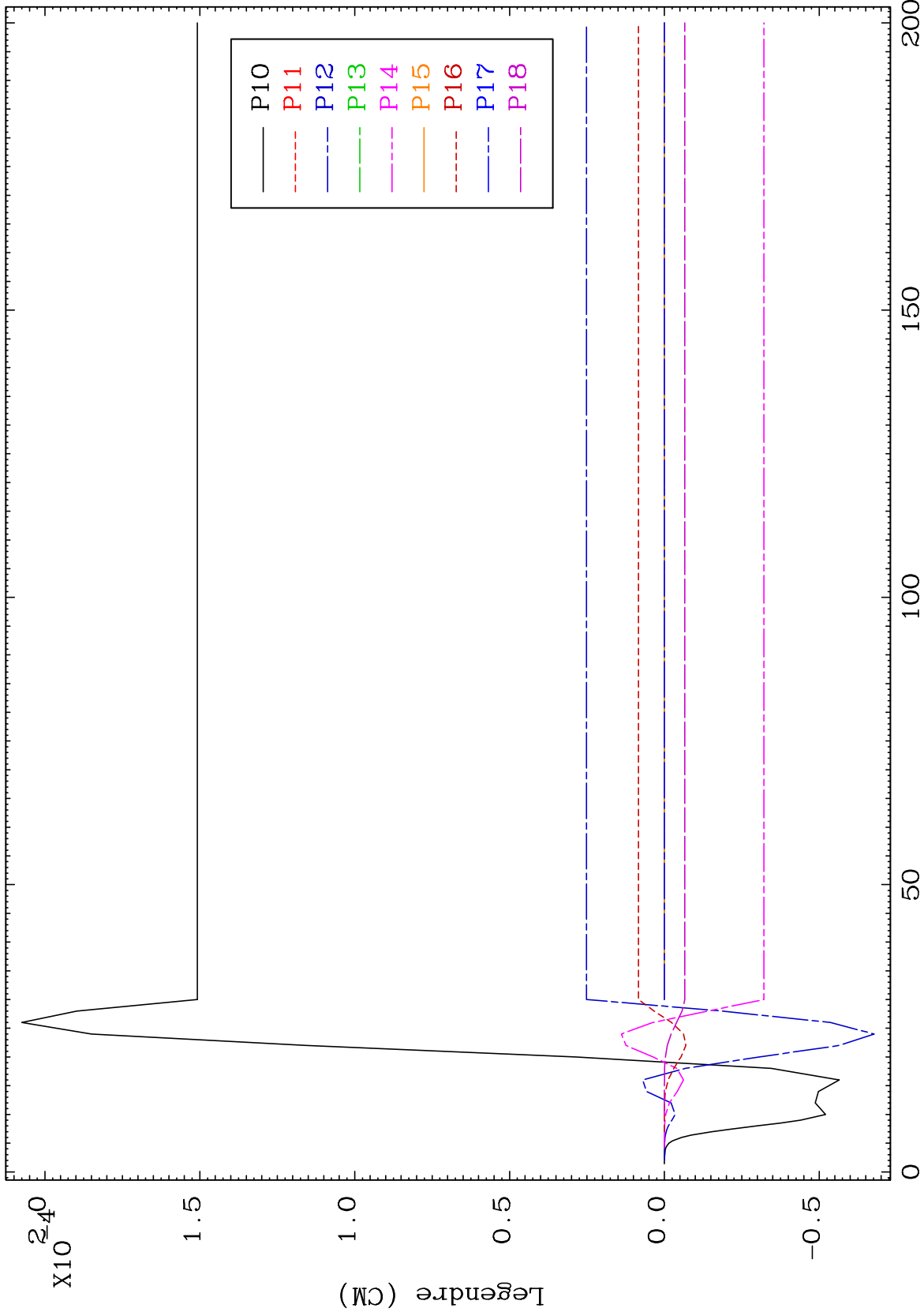


MAT 6686

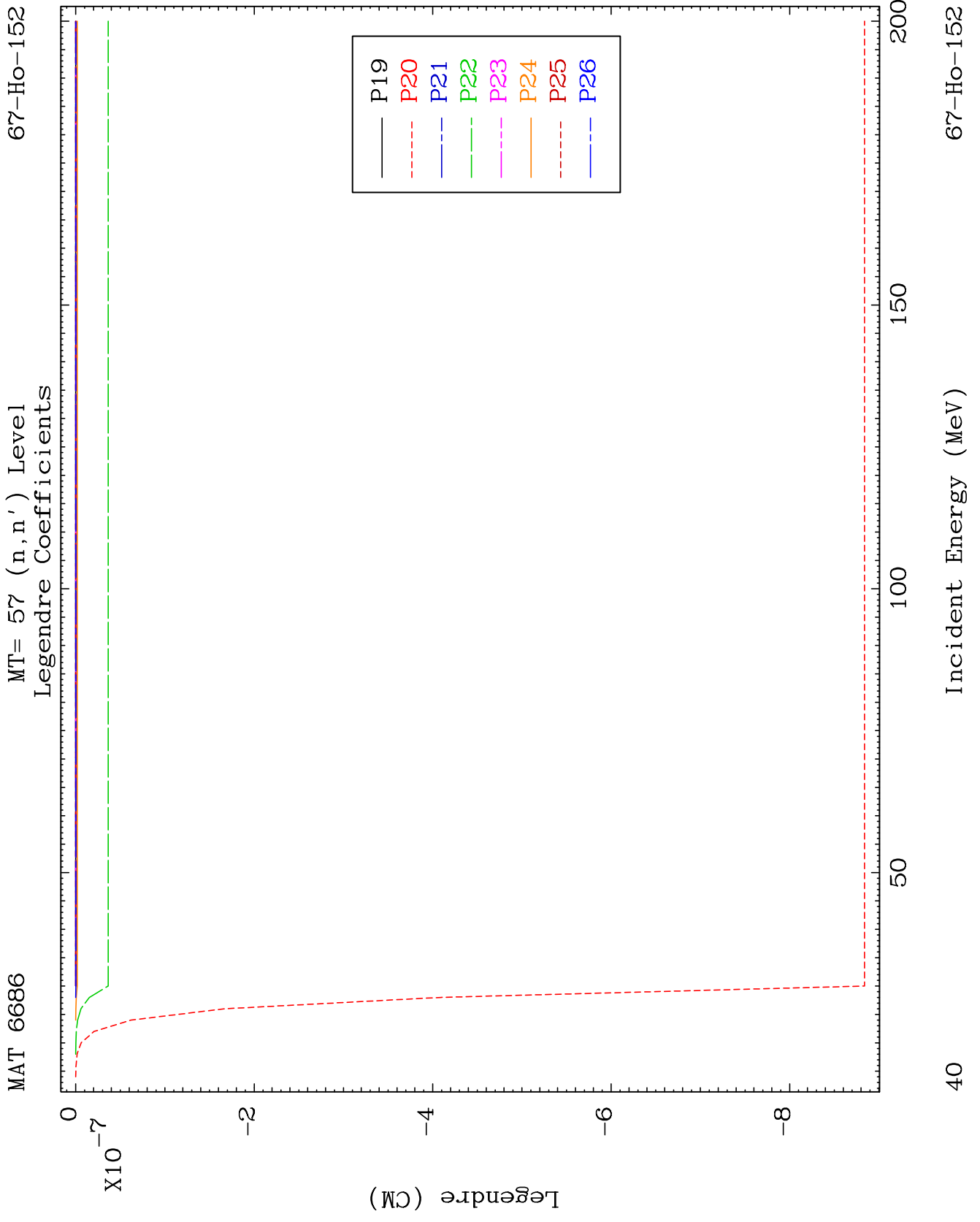
MT= 57 (n,n') Level  
Legendre Coefficients

67-Ho-152





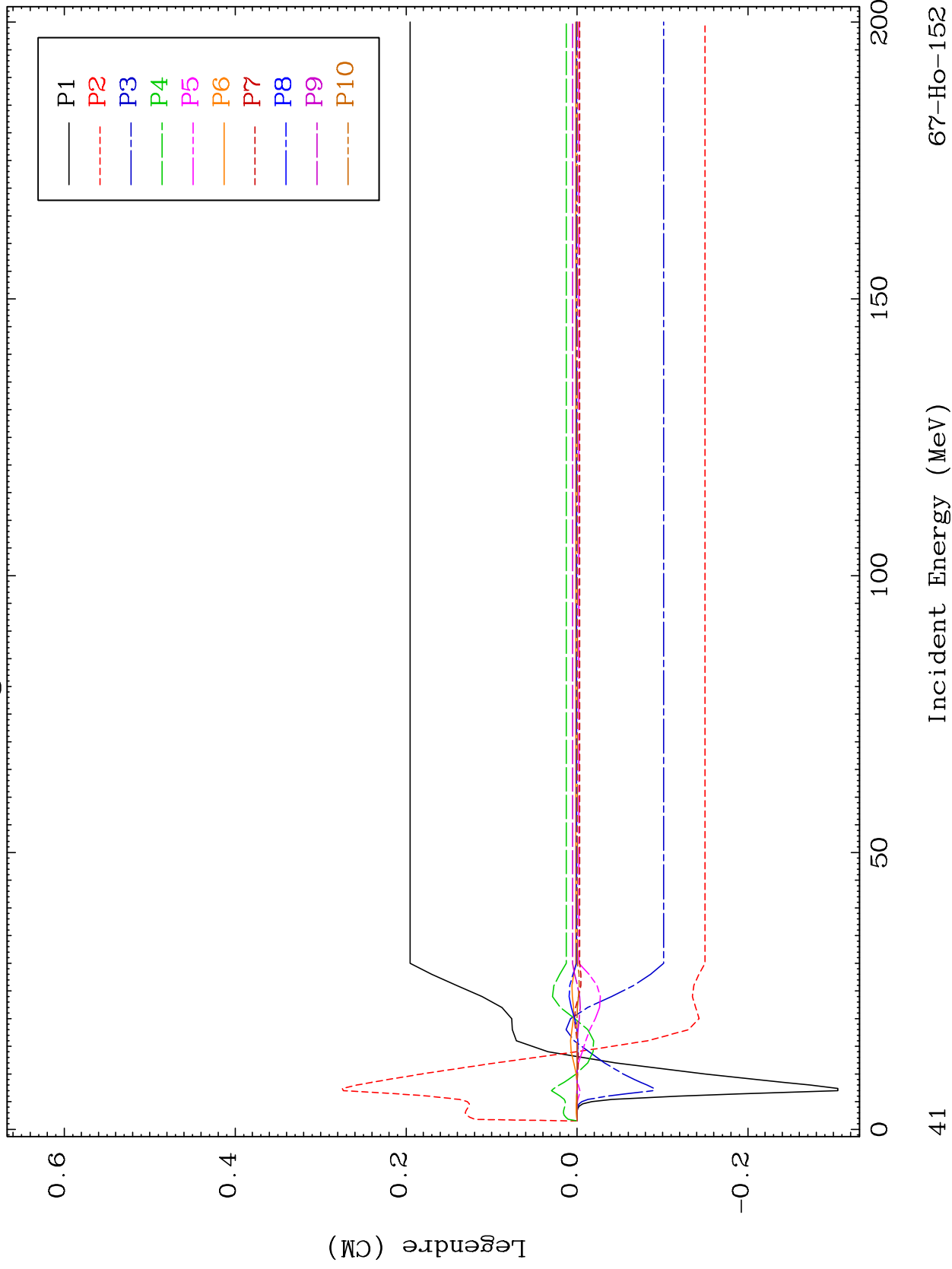




MAT 6686

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

67-Ho-152



41

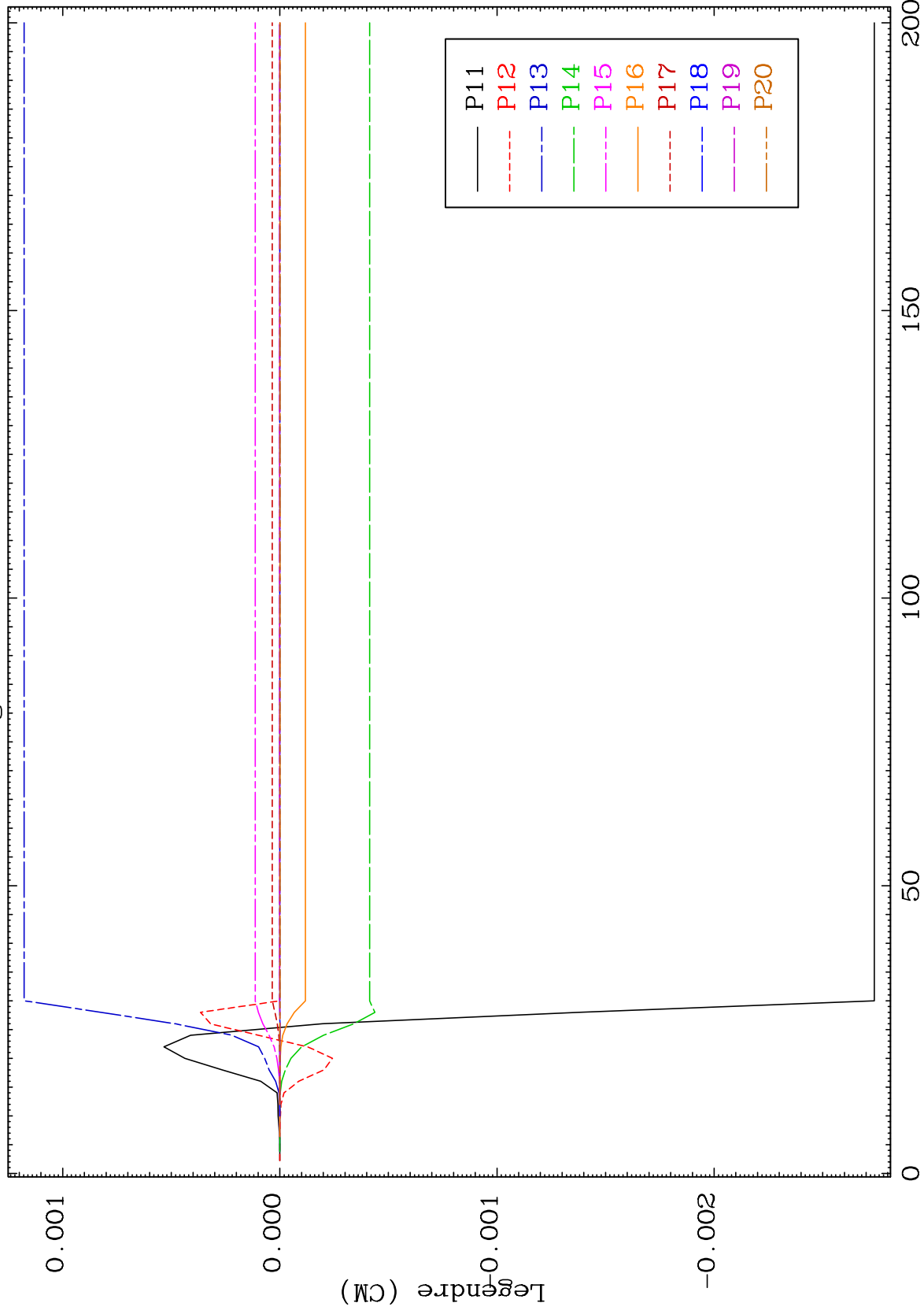
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



42

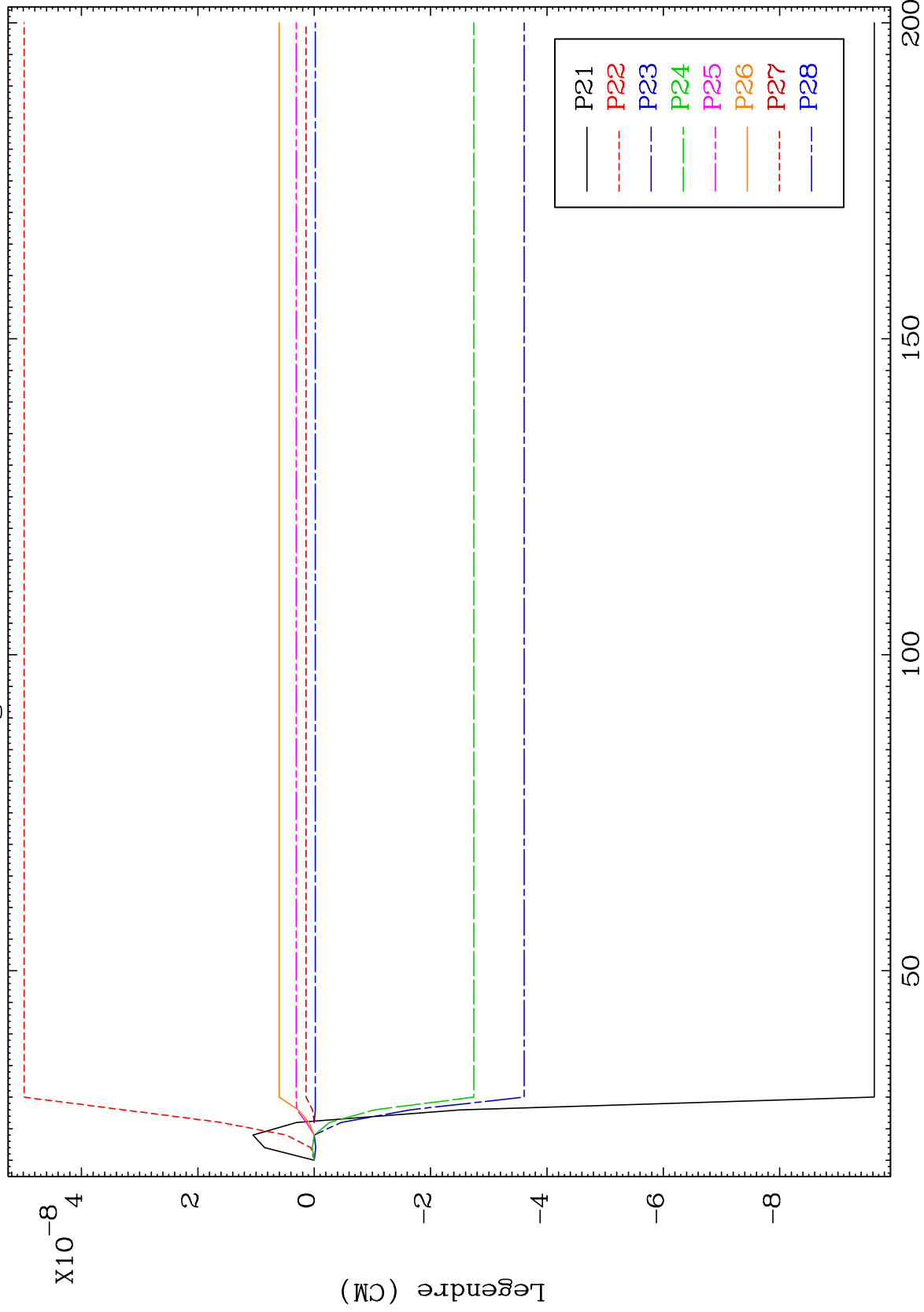
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



43

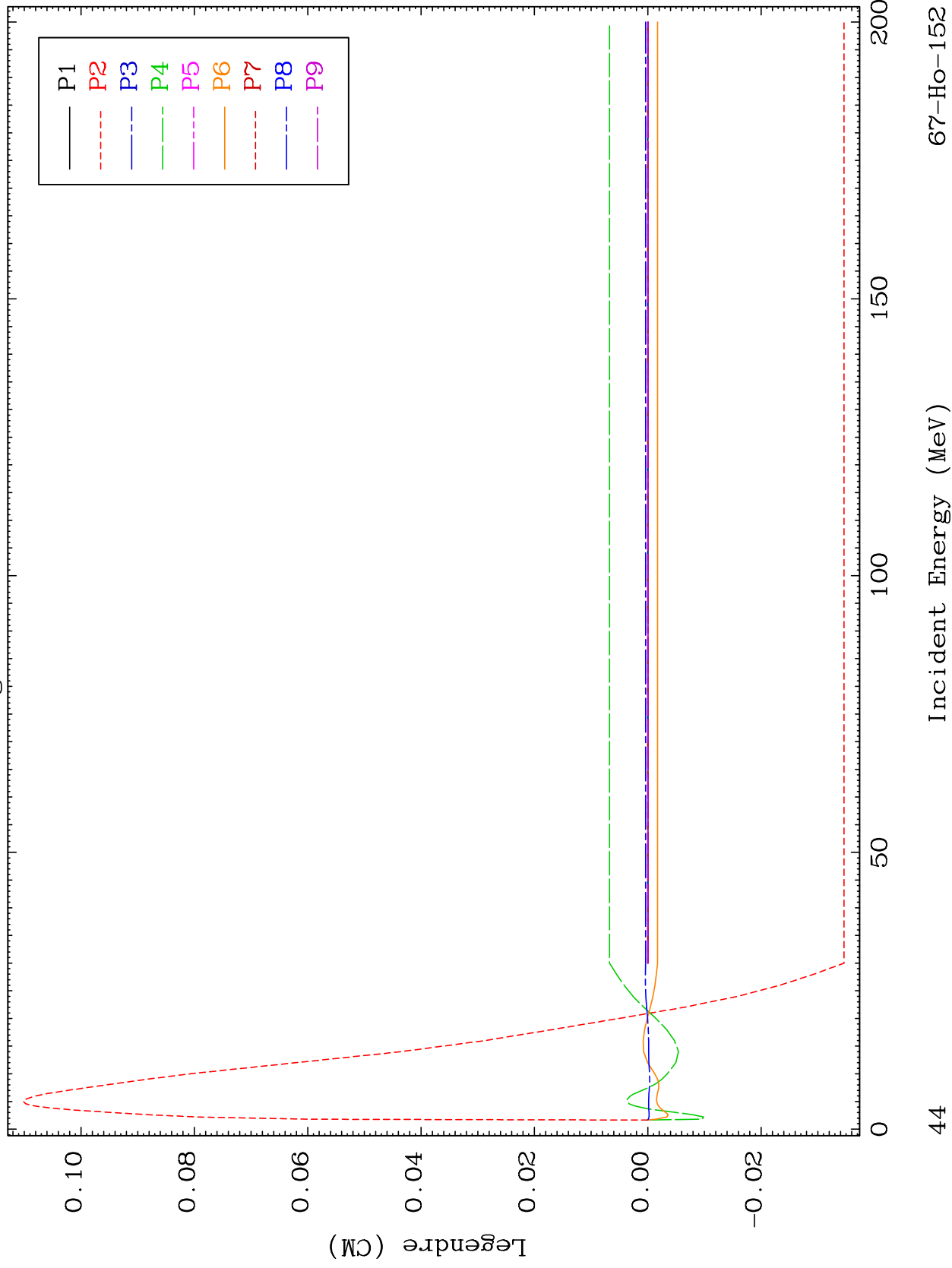
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



67-Ho-152

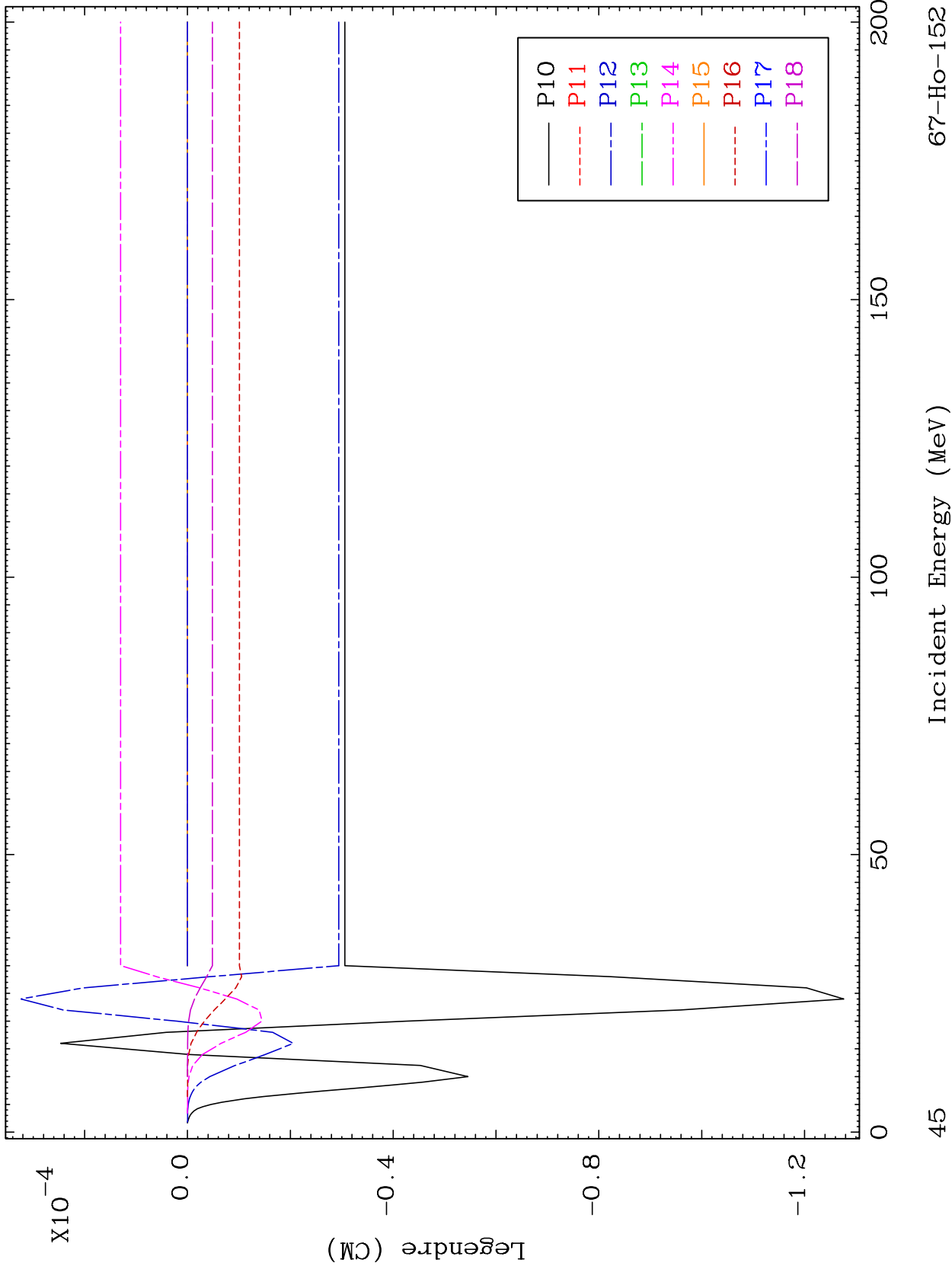
Incident Energy (MeV)

44

MAT 6686

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

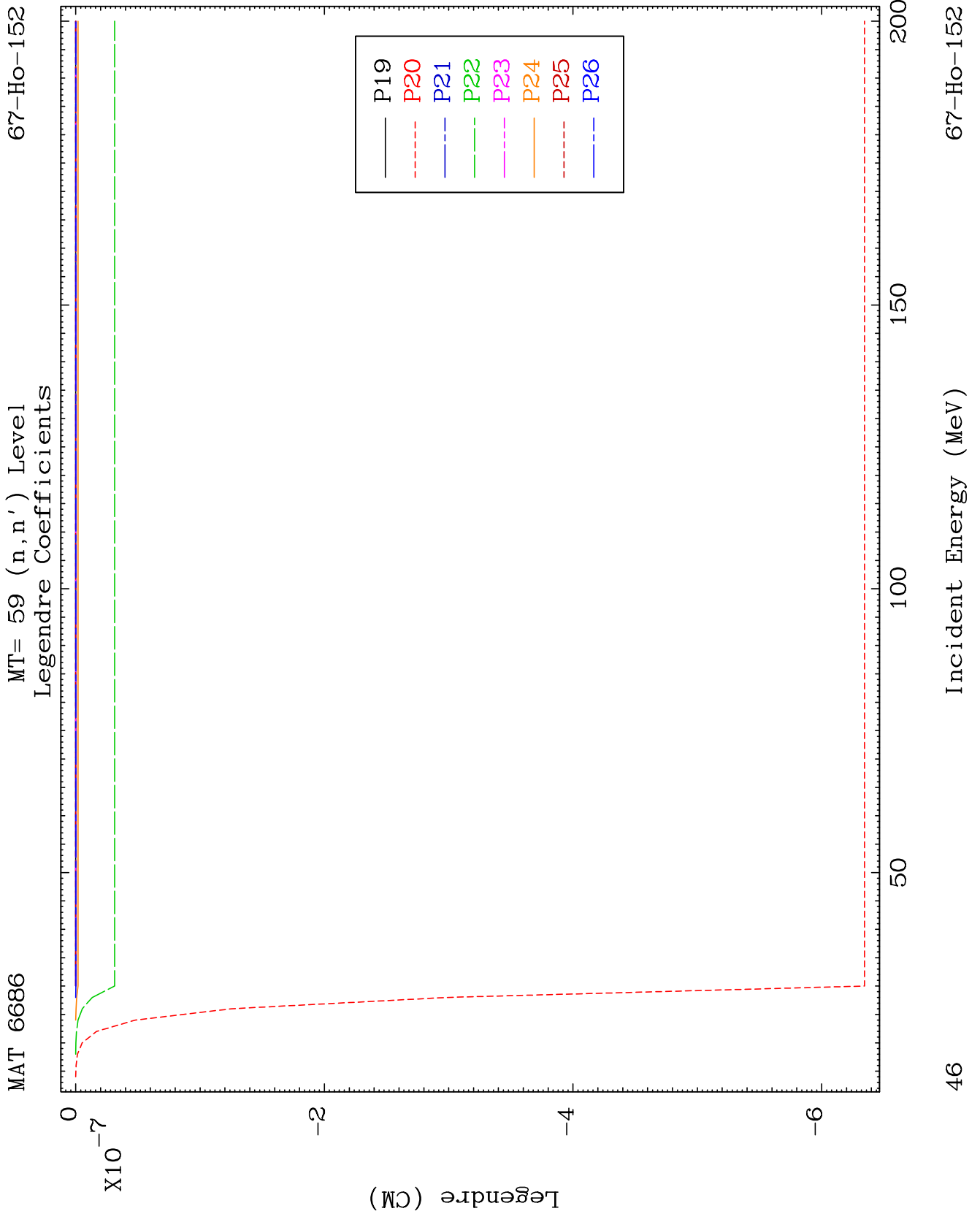
67-Ho-152



67-Ho-152

Incident Energy (MeV)

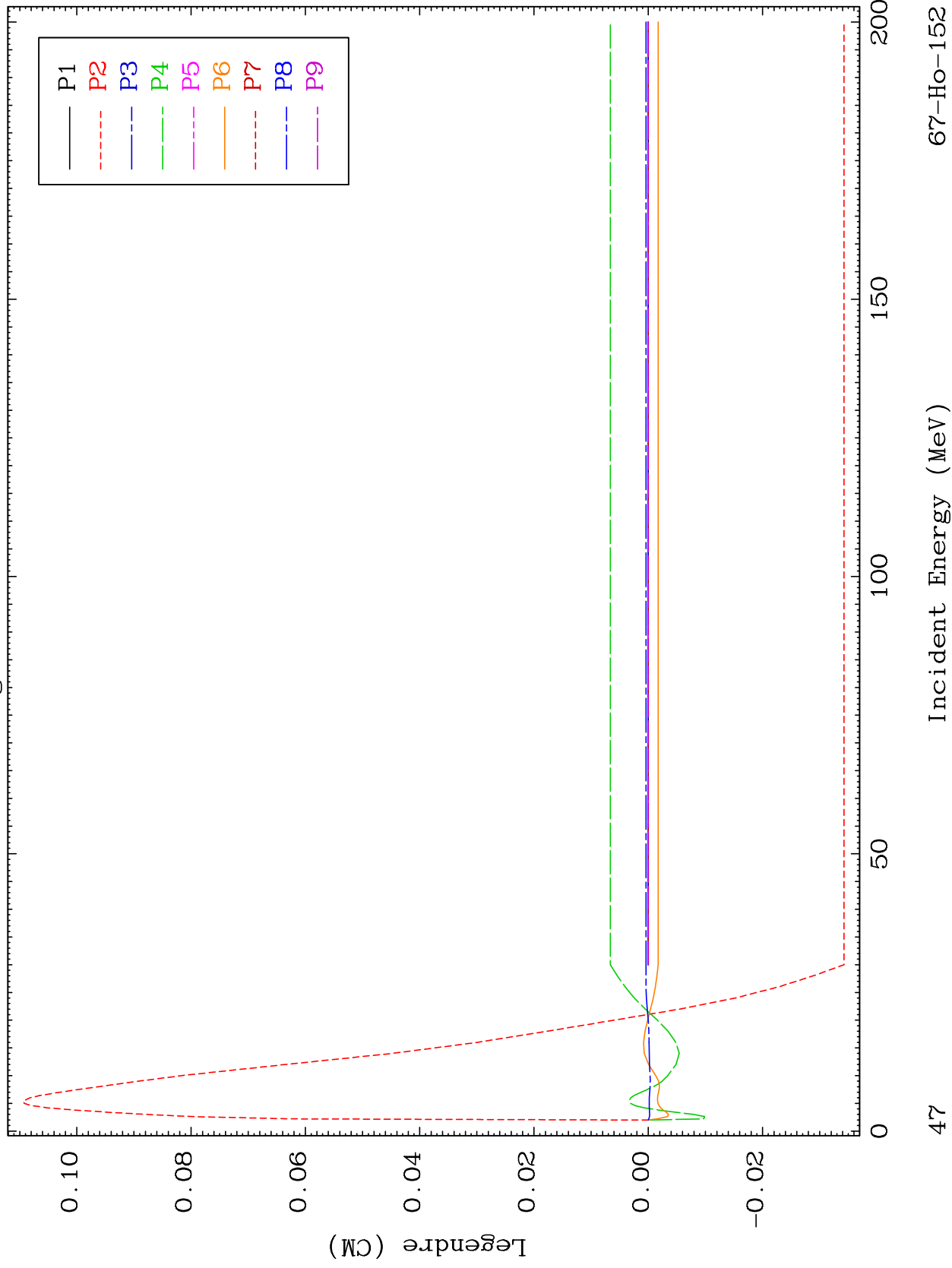
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MAT 6686

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

67-Ho-152



47

Incident Energy (MeV)

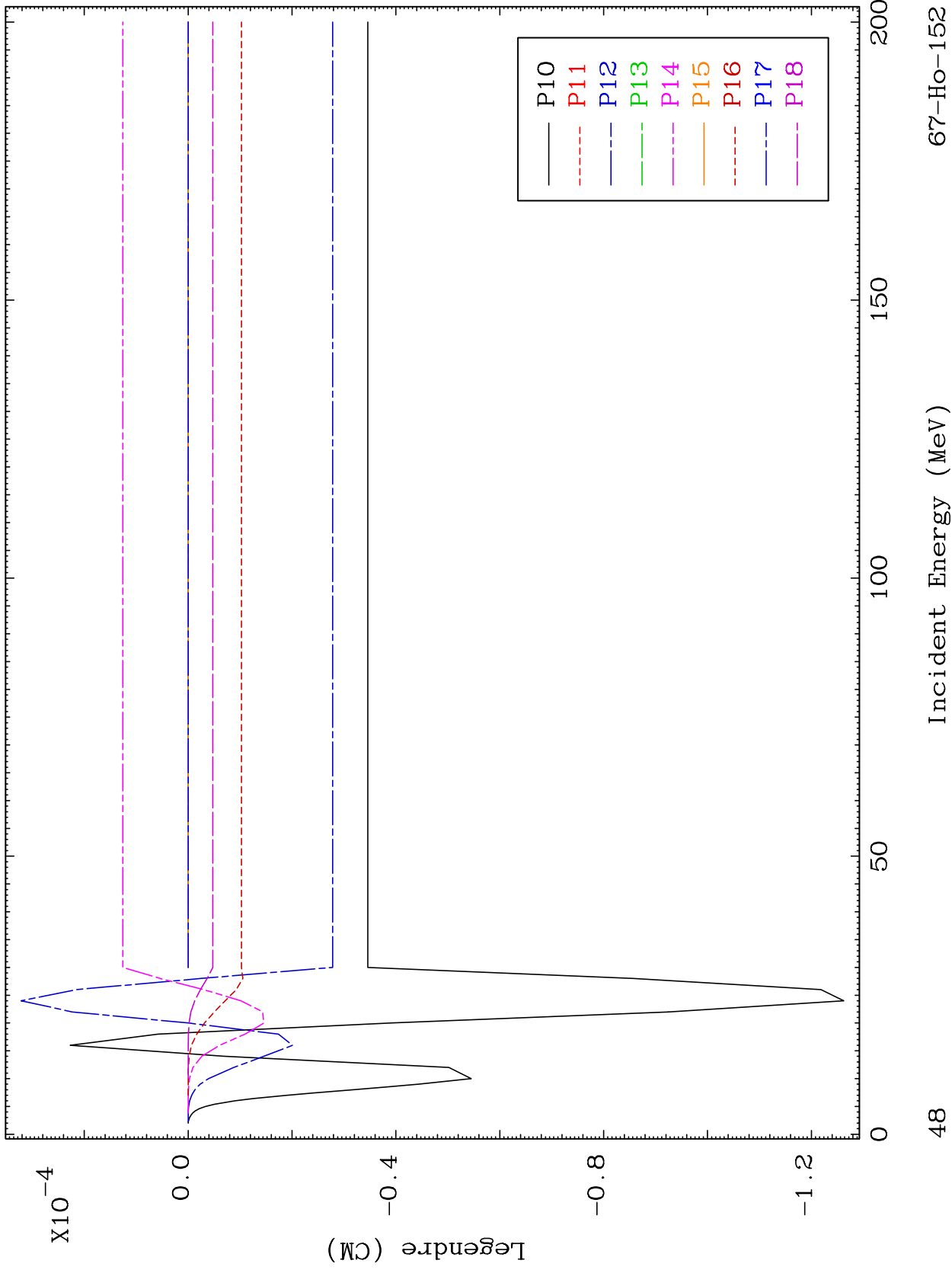
67-Ho-152



MAT 6686

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

67-Ho-152



48

Incident Energy (MeV)

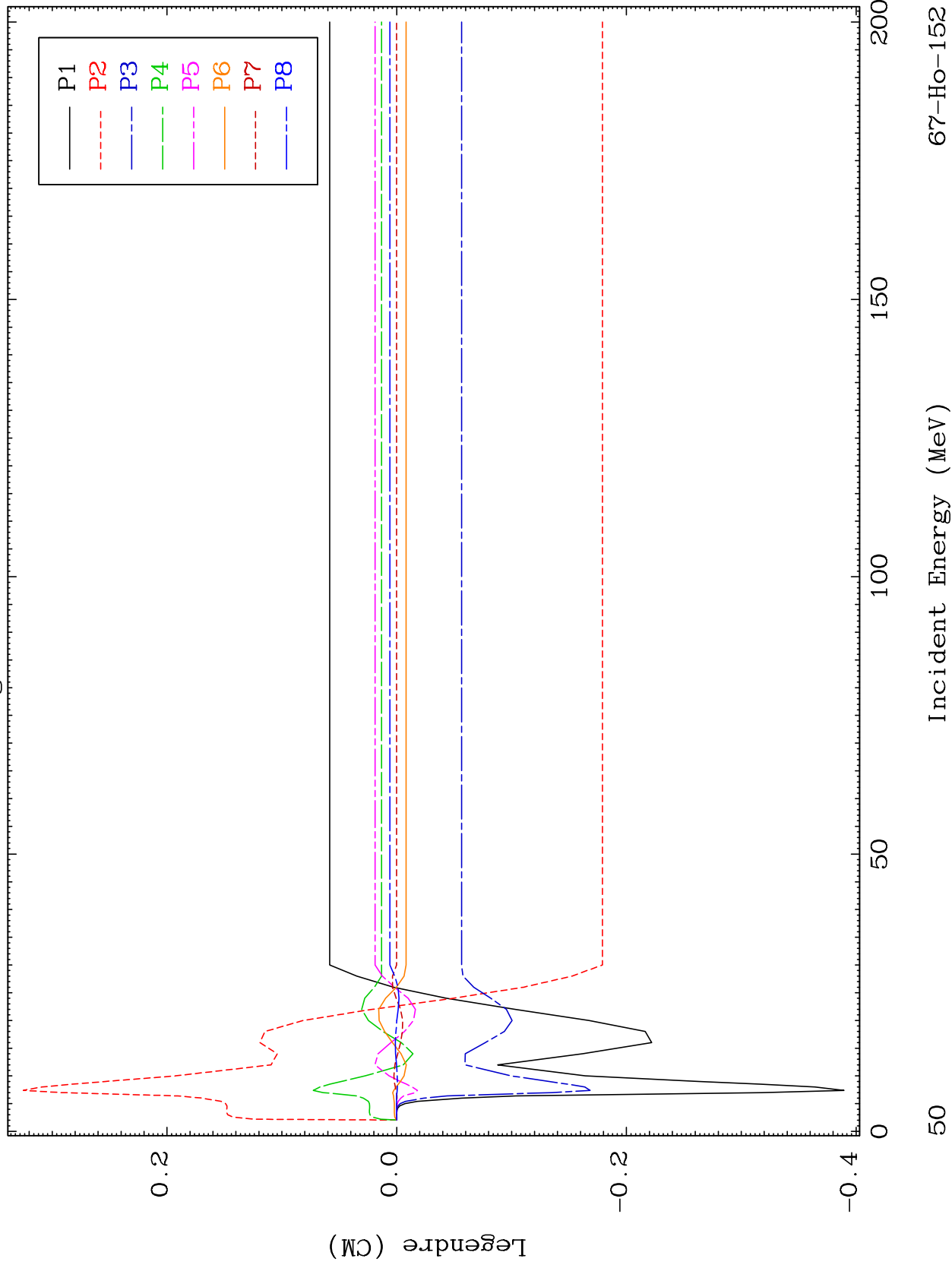
67-Ho-152



MAT 6686

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

67-Ho-152

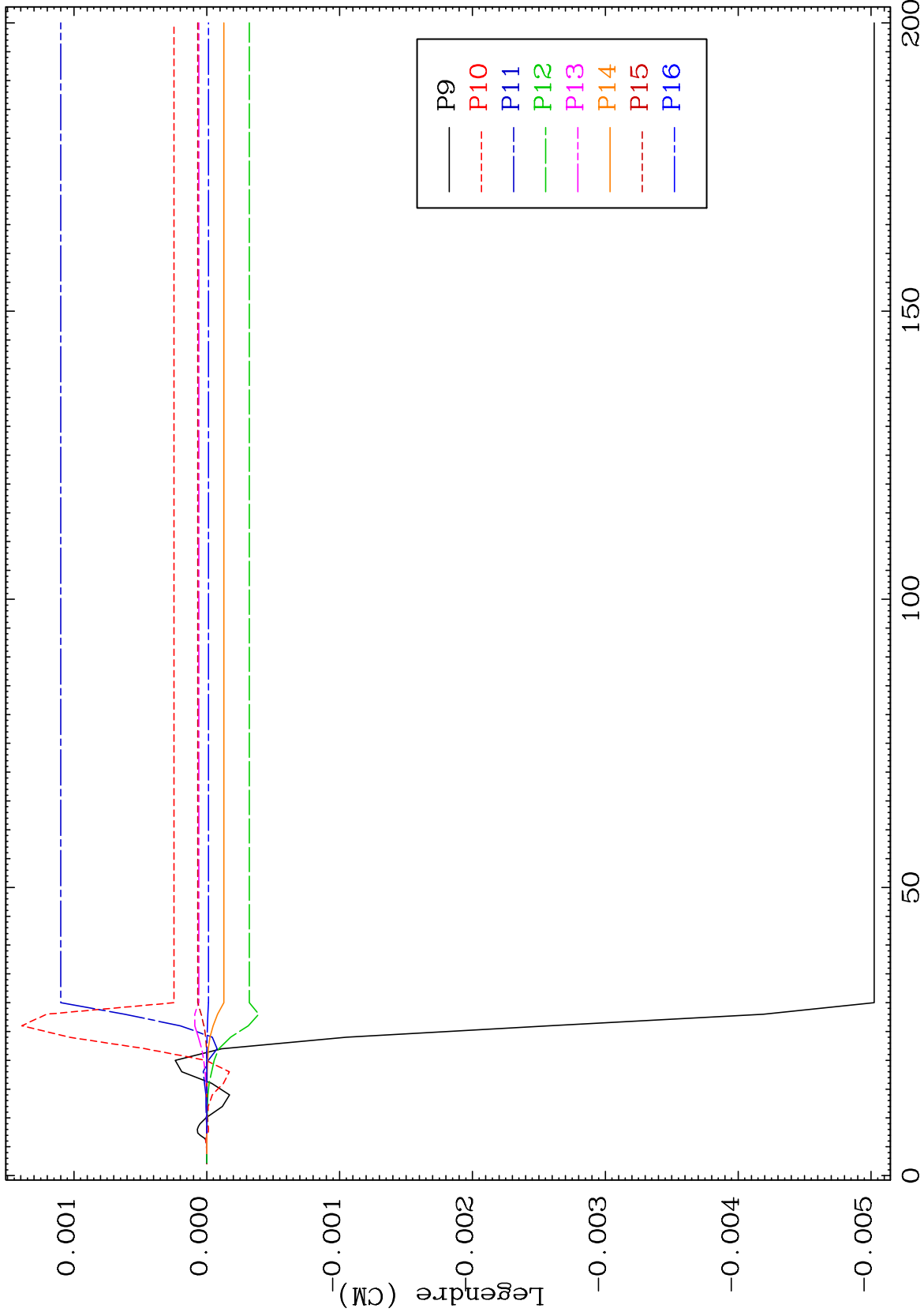


67-Ho-152

MAT 6686

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

67-Ho-152



51

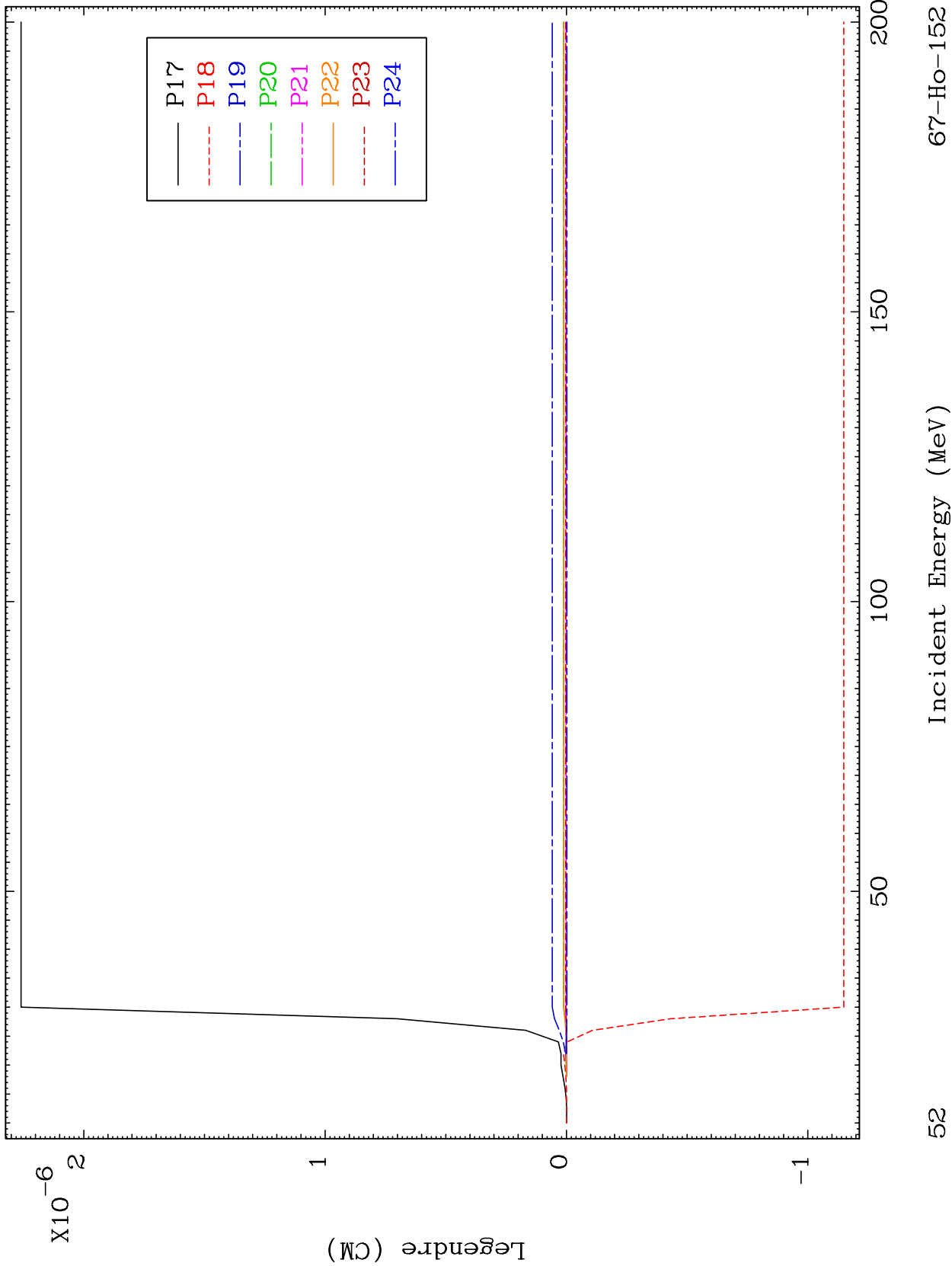
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



52

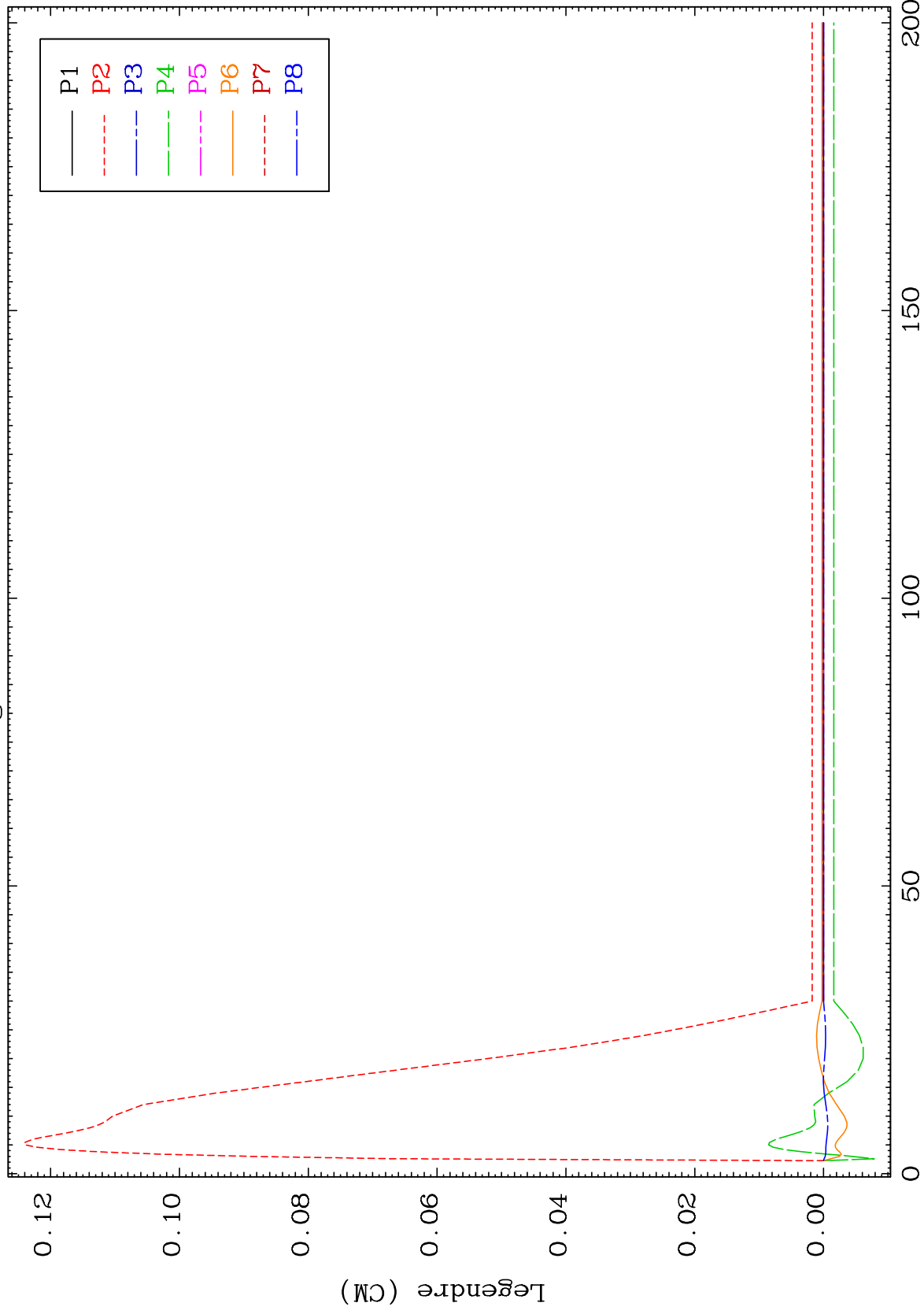
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



53

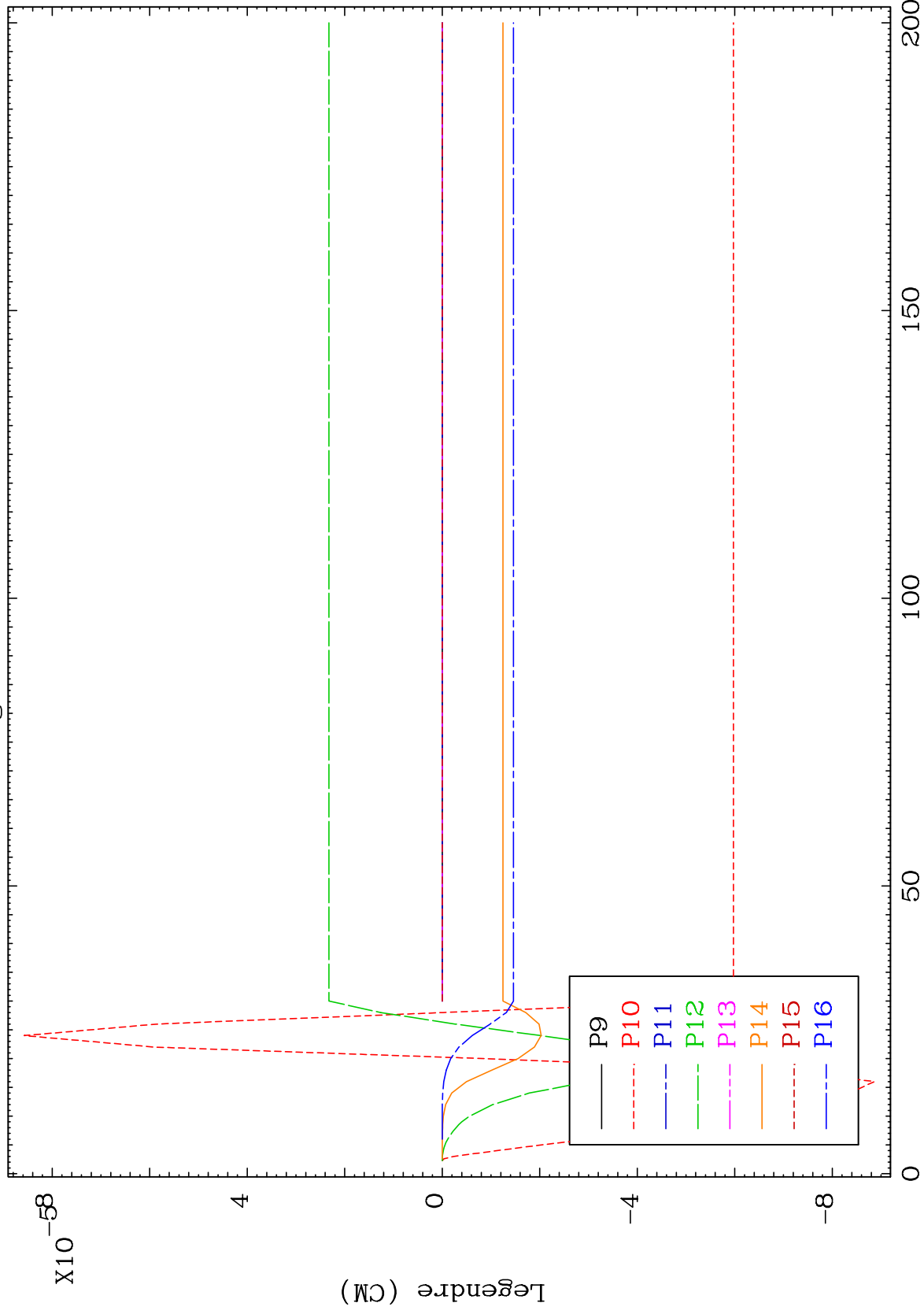
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

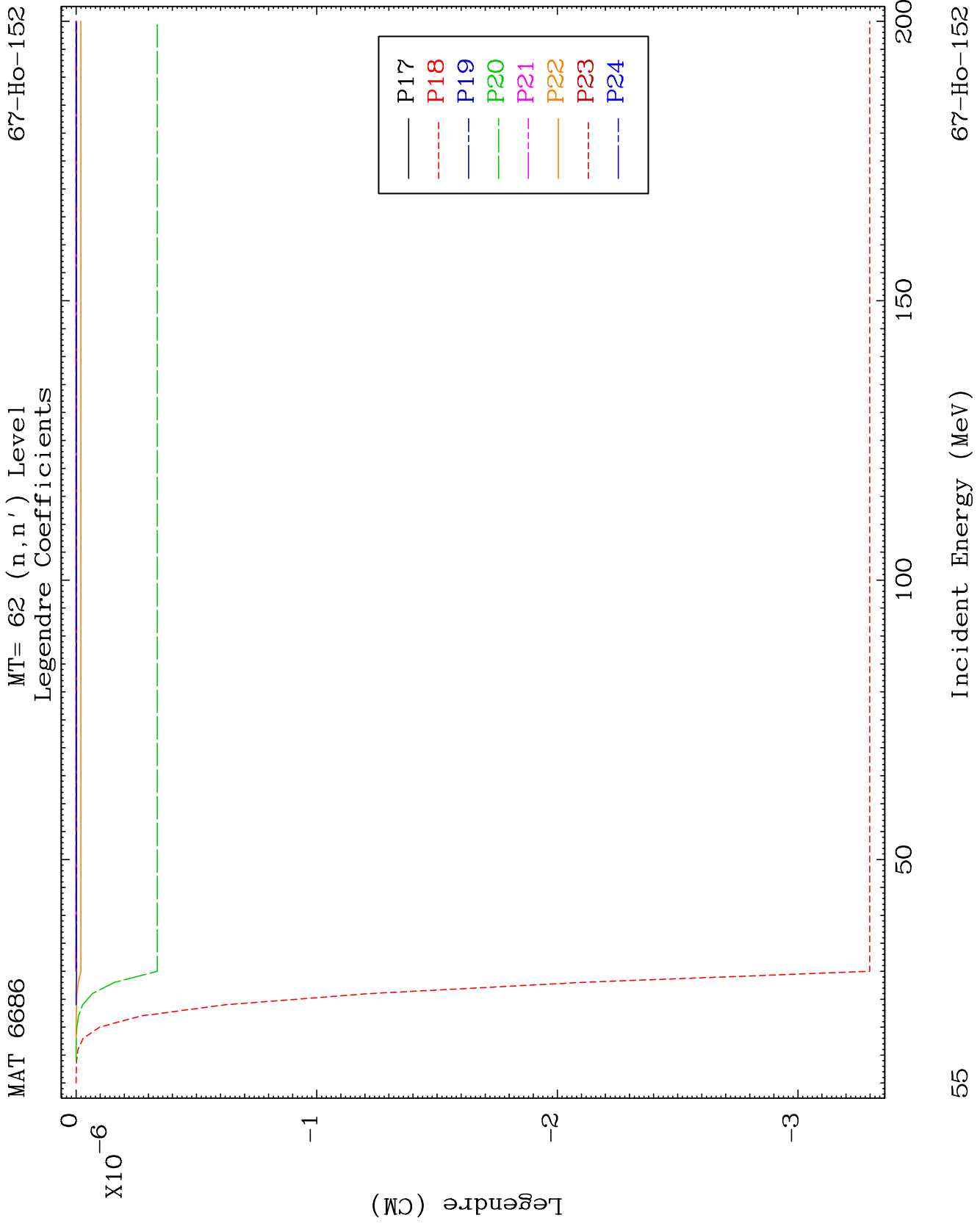
67-Ho-152



54

Incident Energy (MeV)

67-Ho-152

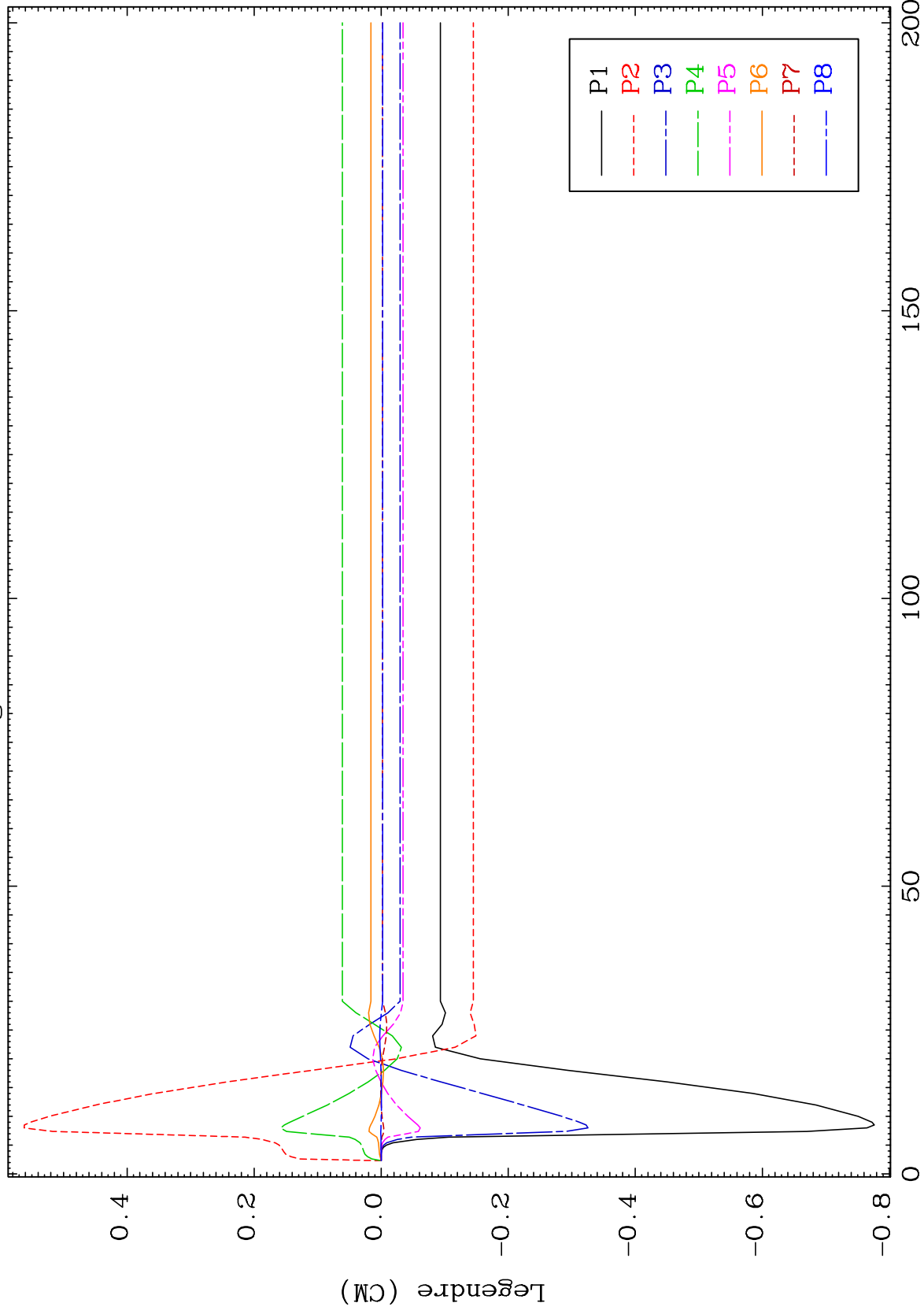




MAT 6686

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

67-Ho-152



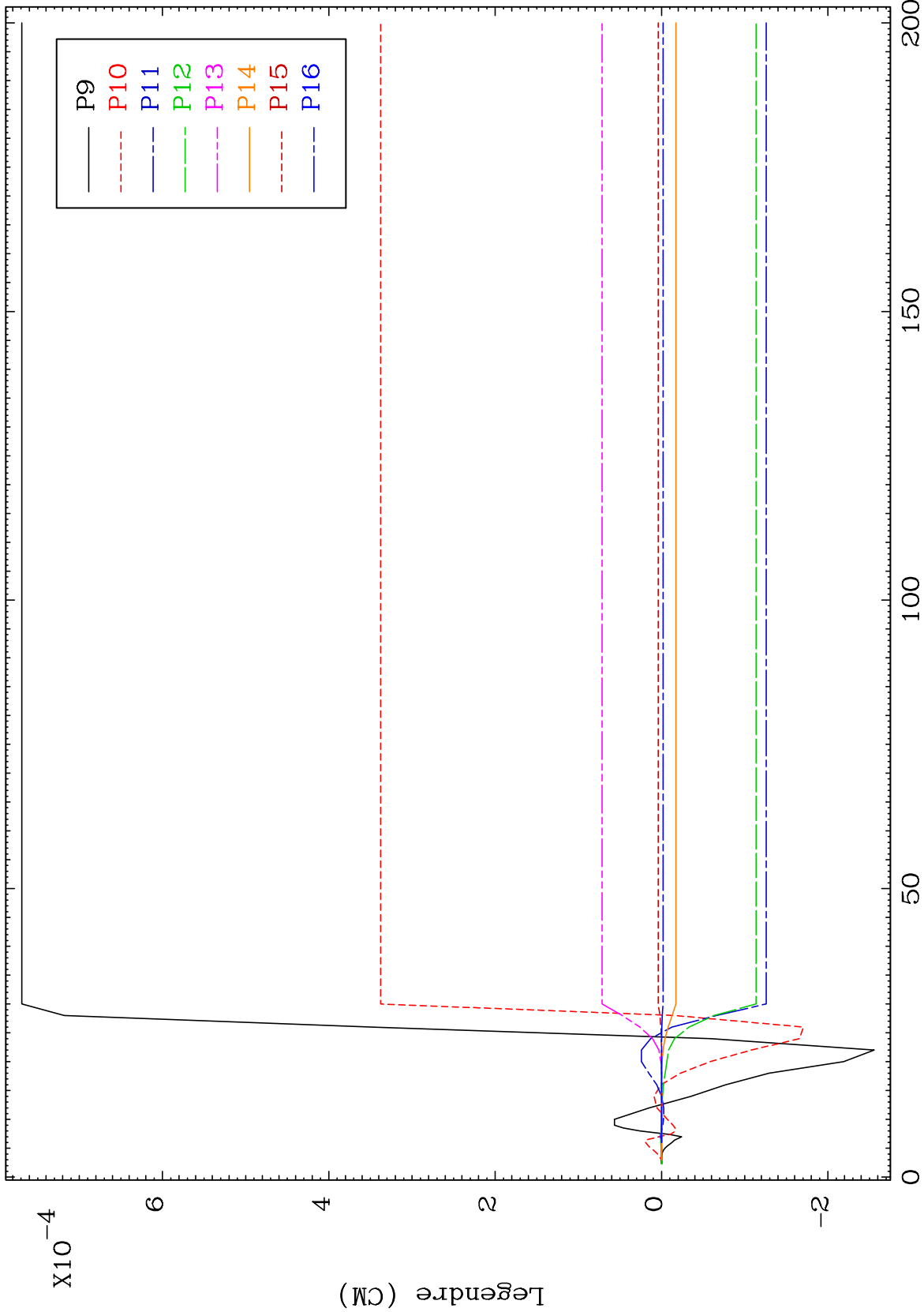
56

67-Ho-152

MAT 6686

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

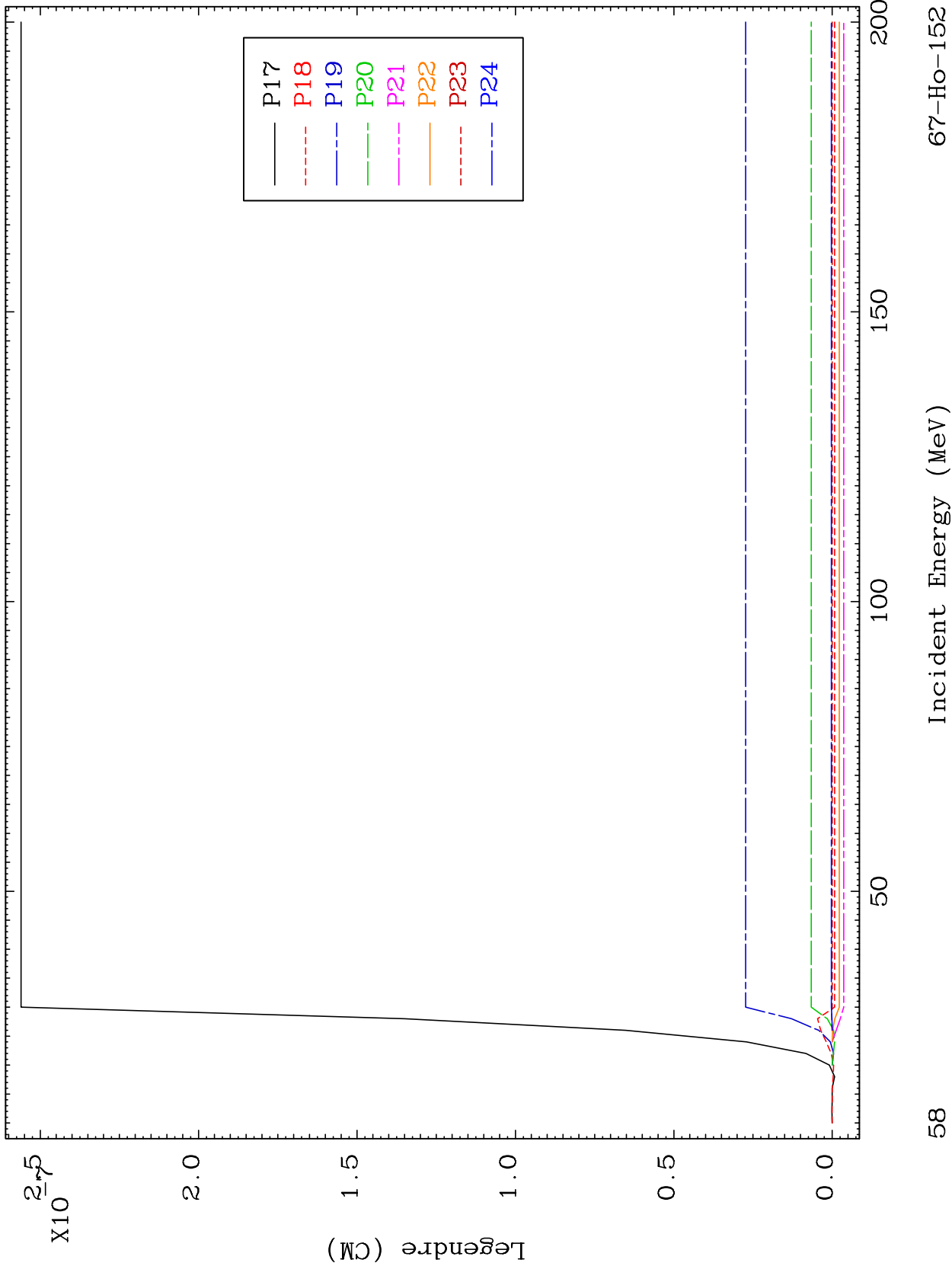
67-Ho-152



57

Incident Energy (MeV)

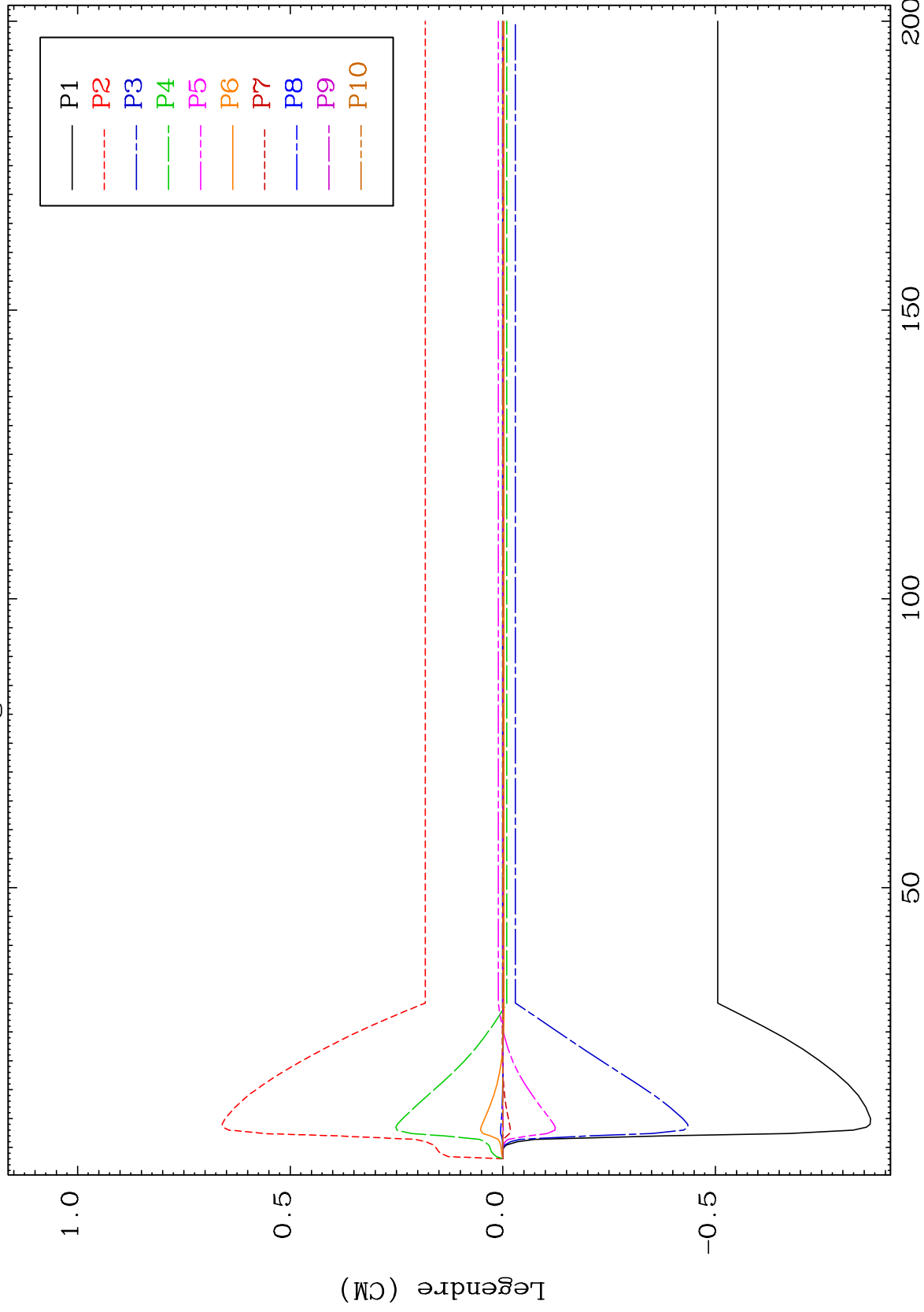
67-Ho-152



MAT 6686

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

67-Ho-152



59

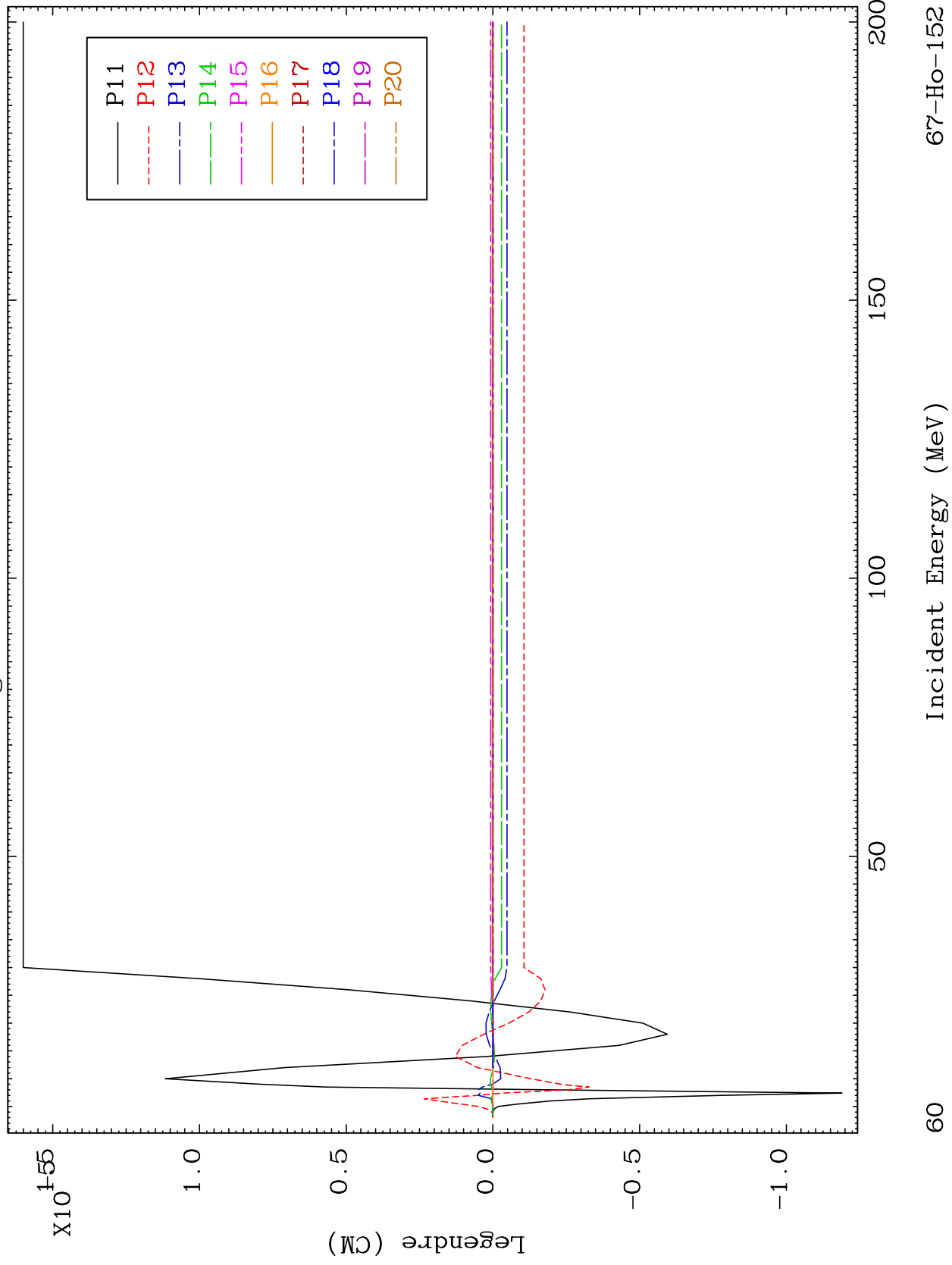
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



67-Ho-152

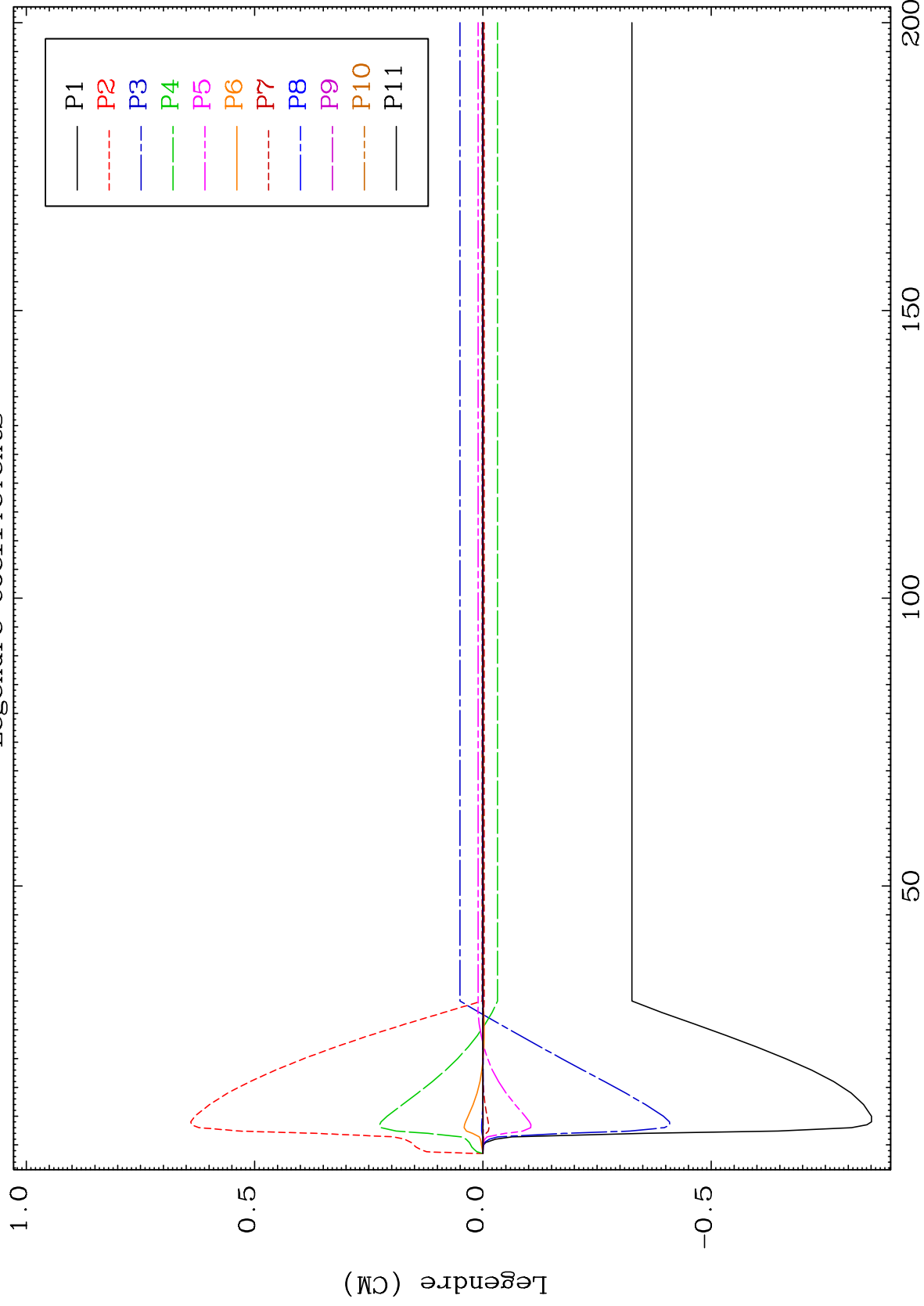
Incident Energy (MeV)

60

MAT 6686

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

67-Ho-152



61

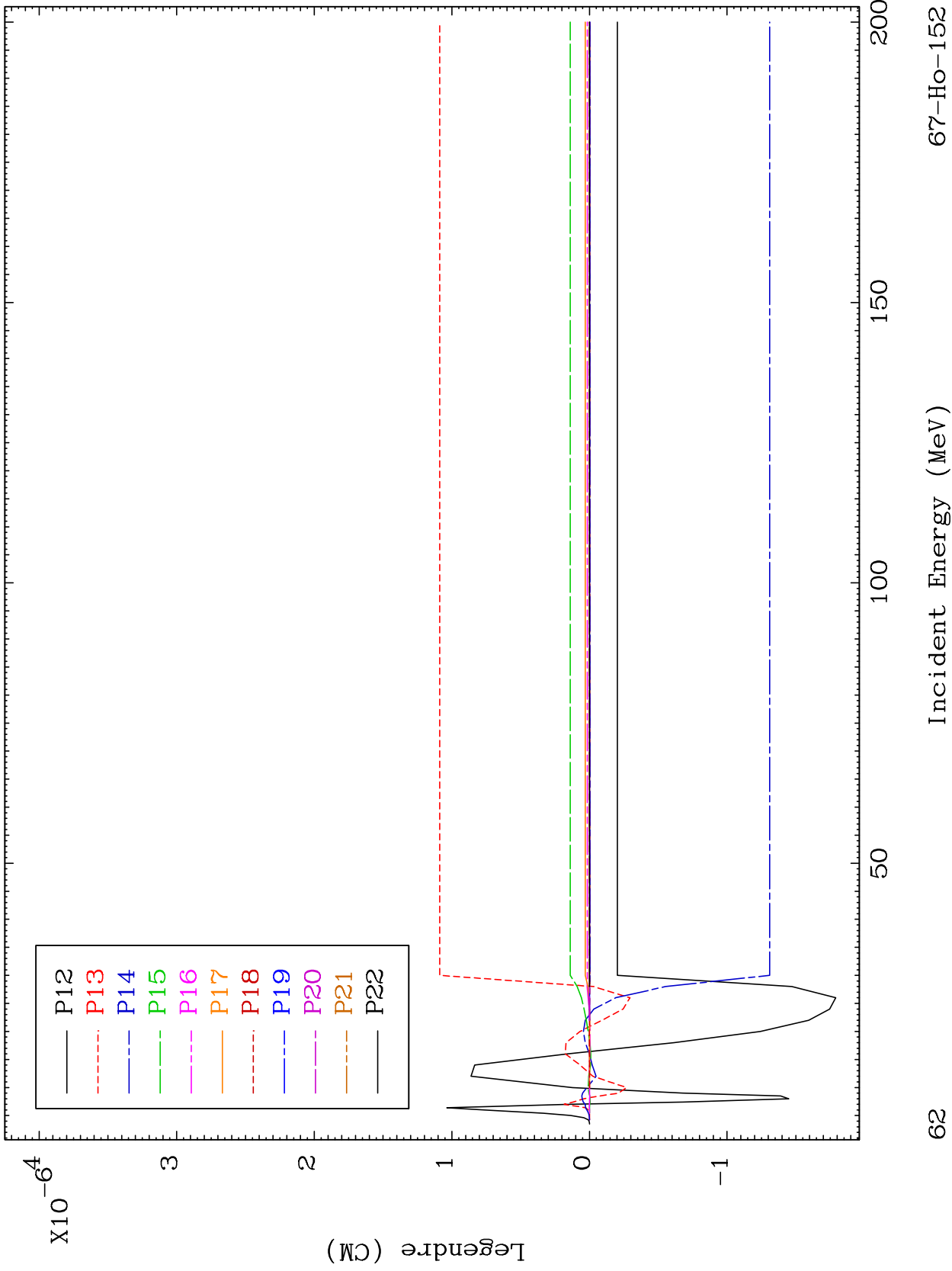
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



62

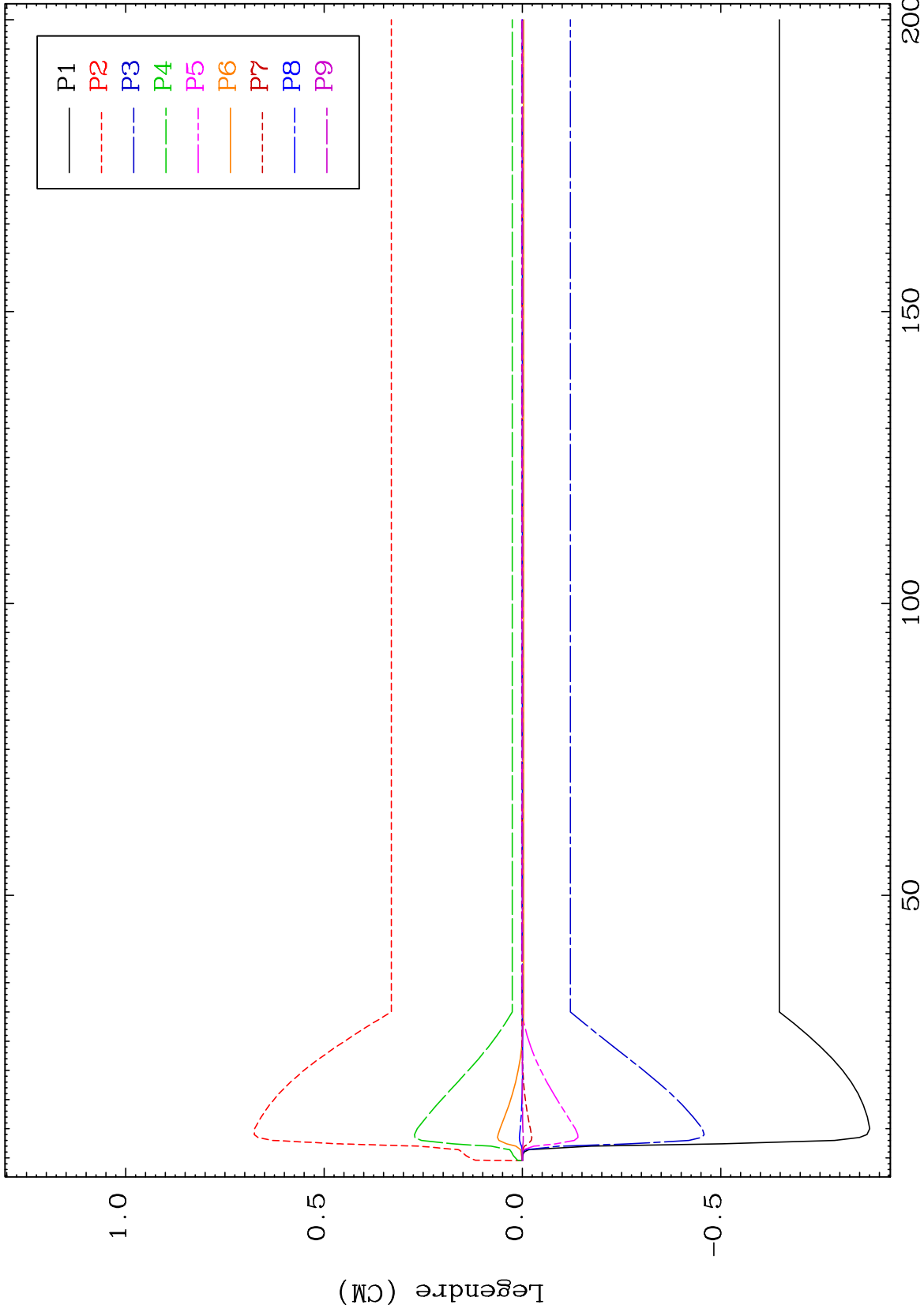
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



63

Incident Energy (MeV)

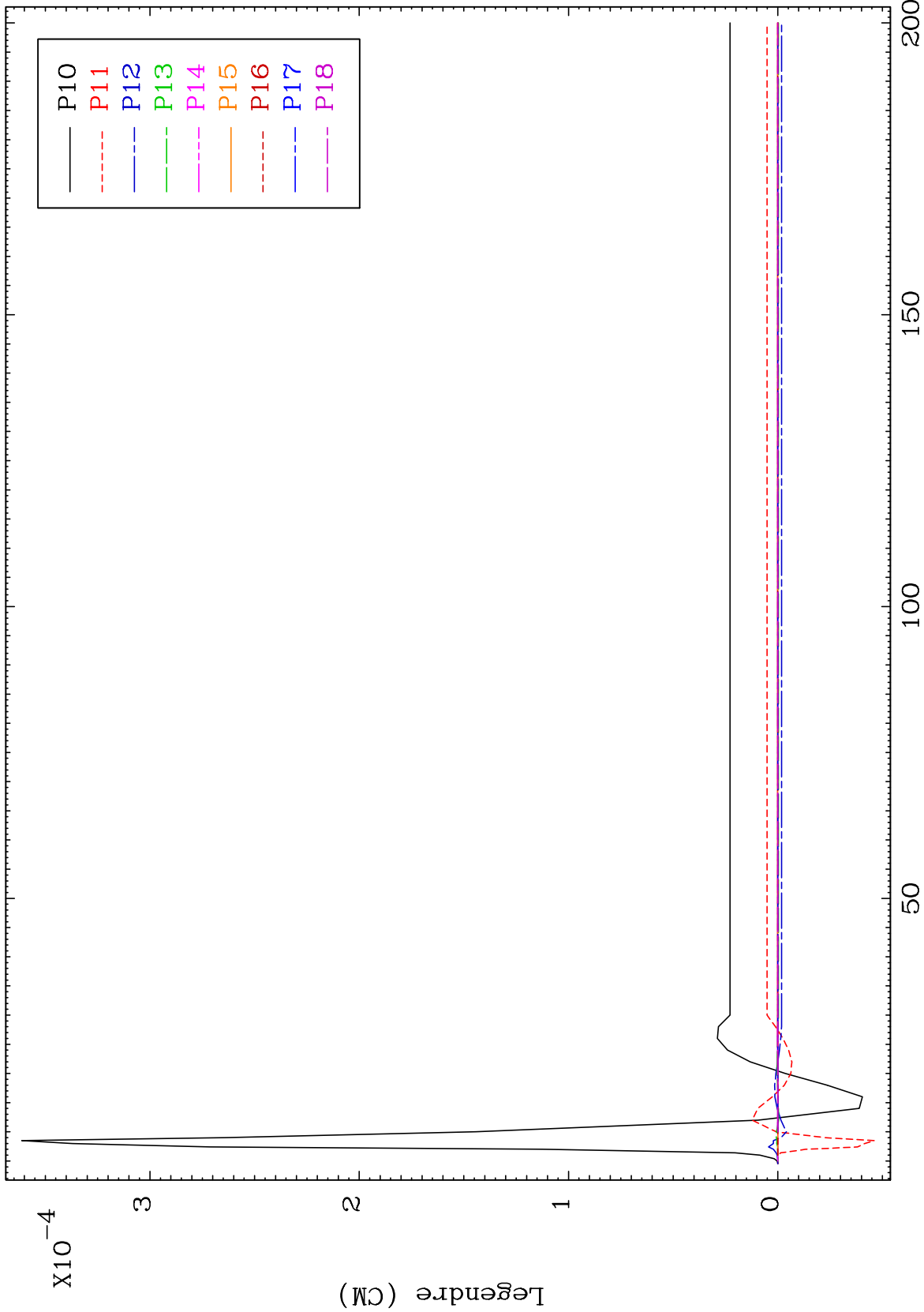
67-Ho-152



MAT 6686

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

67-Ho-152



64

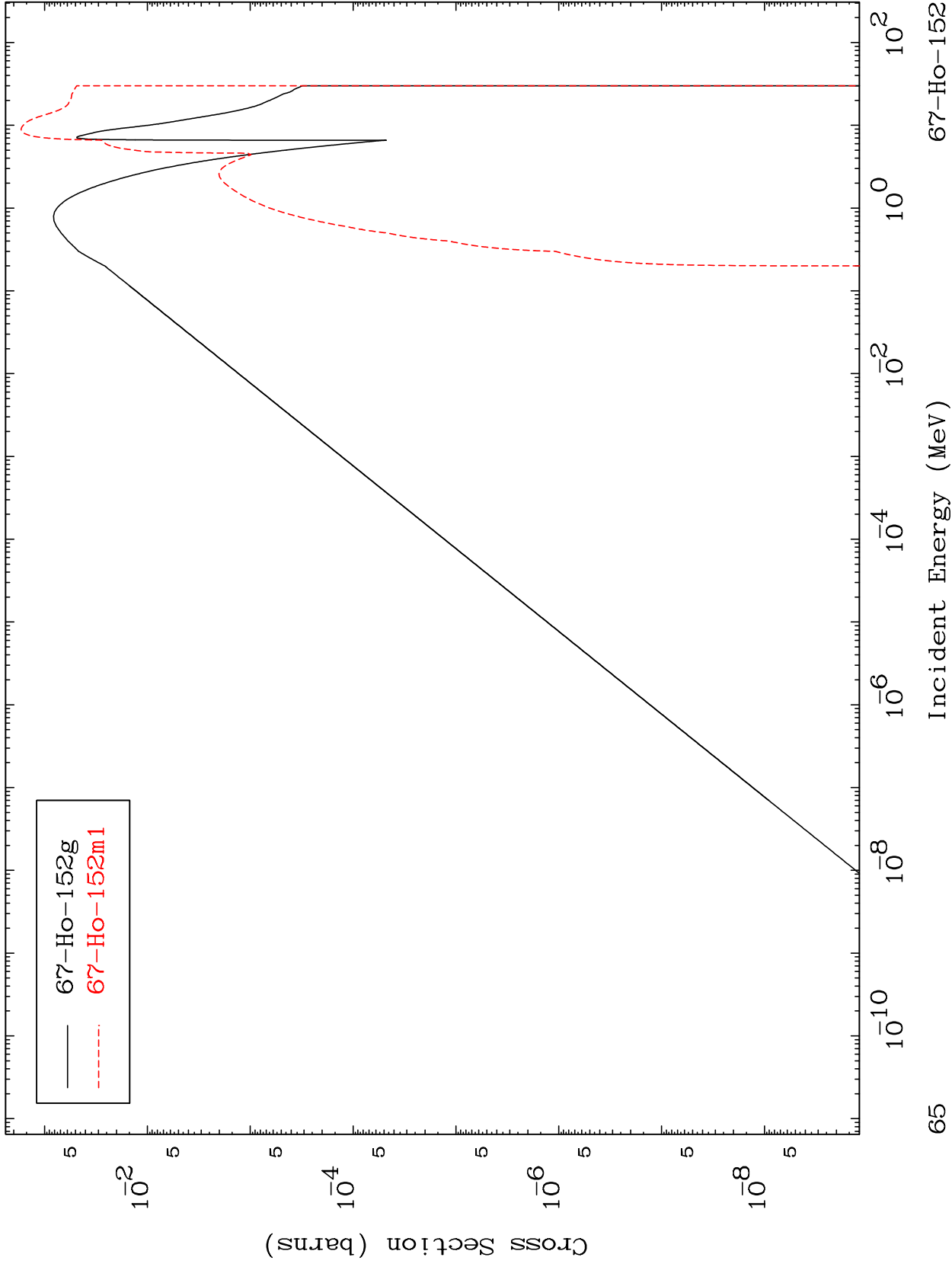
Incident Energy (MeV)

67-Ho-152

MAT 6686

Inelastic  
Radionuclide Production Cross Section

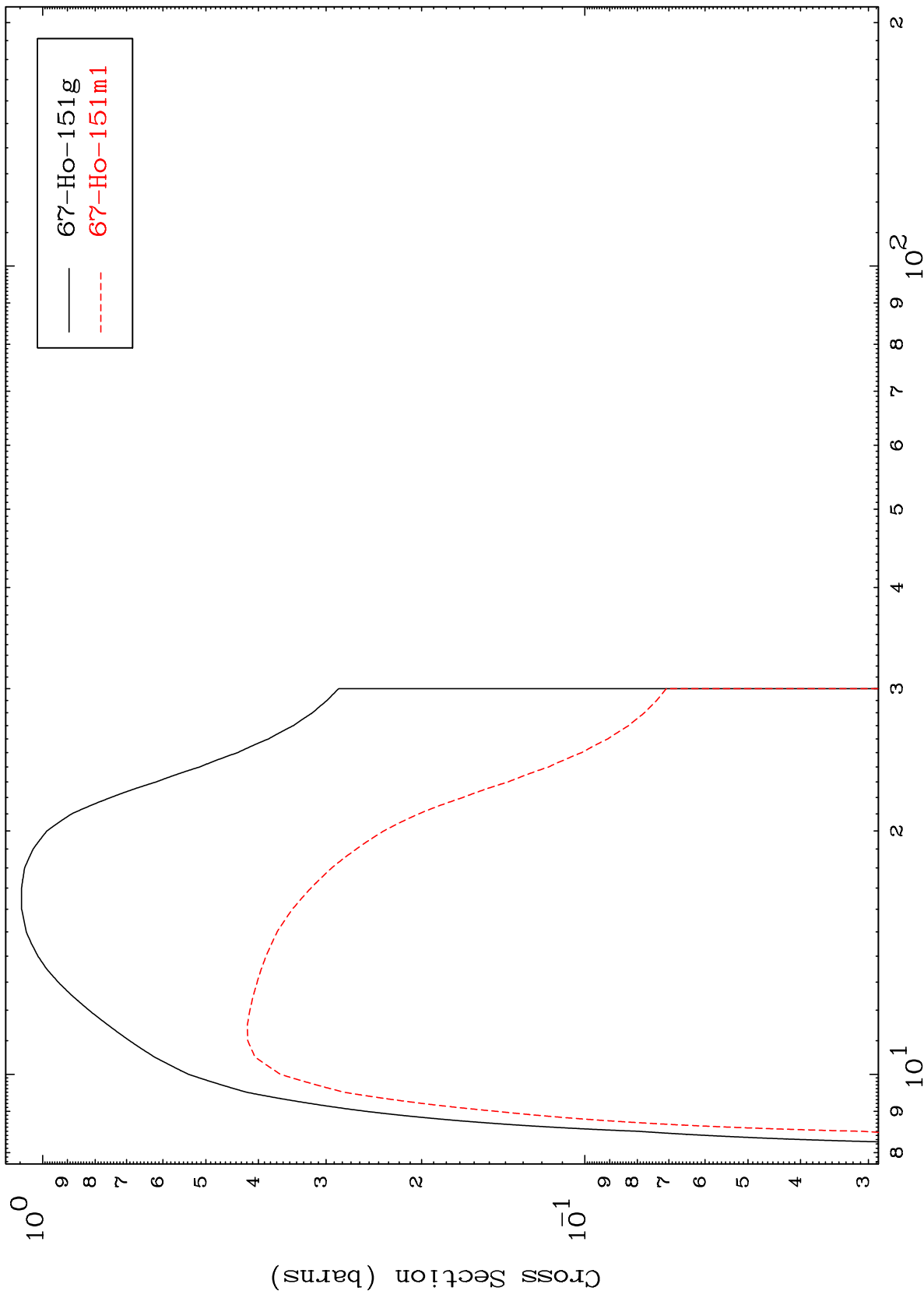
<sup>67</sup>Ho-152



MAT 6686

67-Ho-152

(n,2n)  
Radionuclide Production Cross Section



66

Incident Energy (MeV)

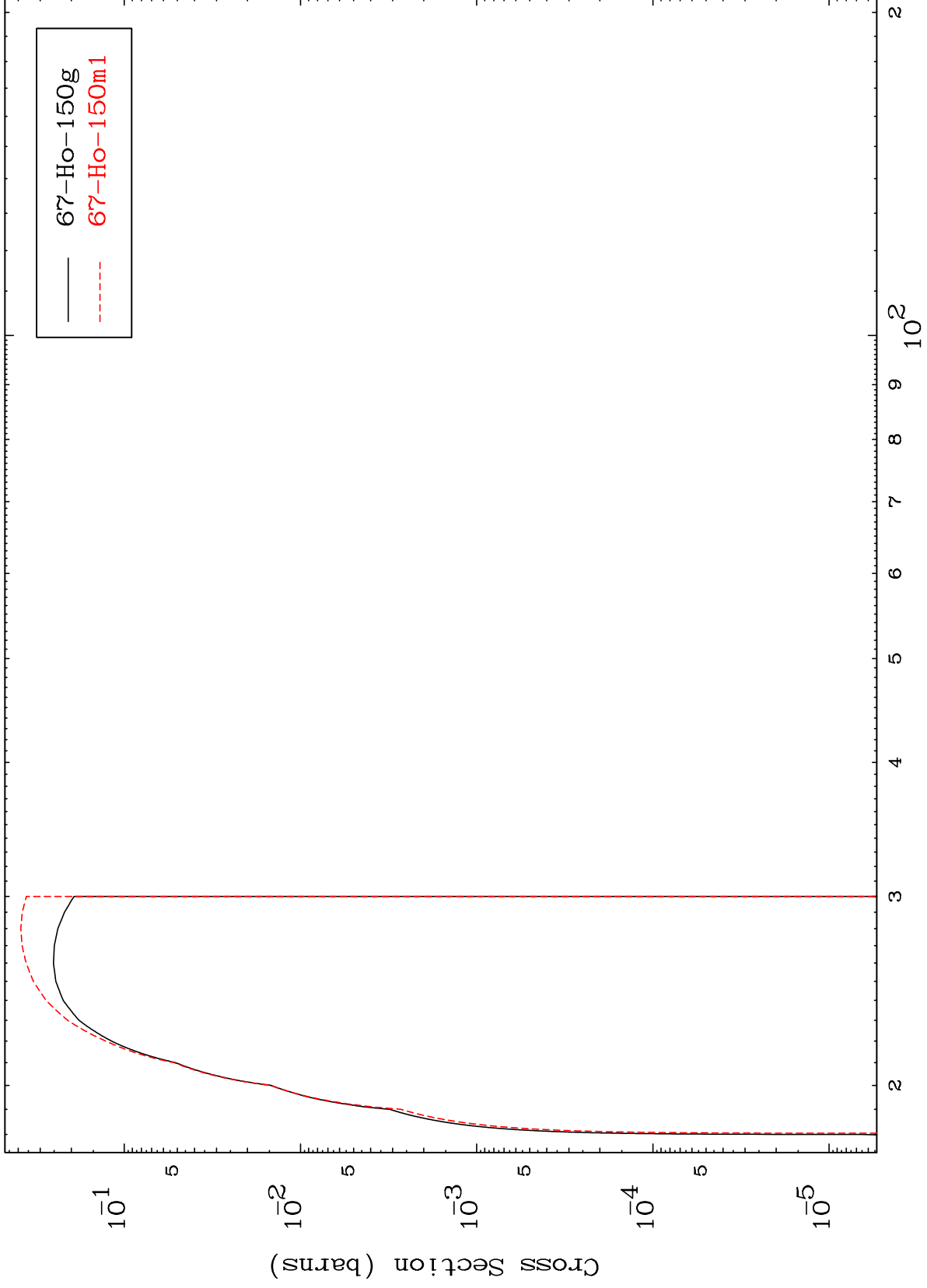
67-Ho-152

MAT 6686

(n,3n)

67-Ho-152

Radionuclide Production Cross Section



67

Incident Energy (MeV)

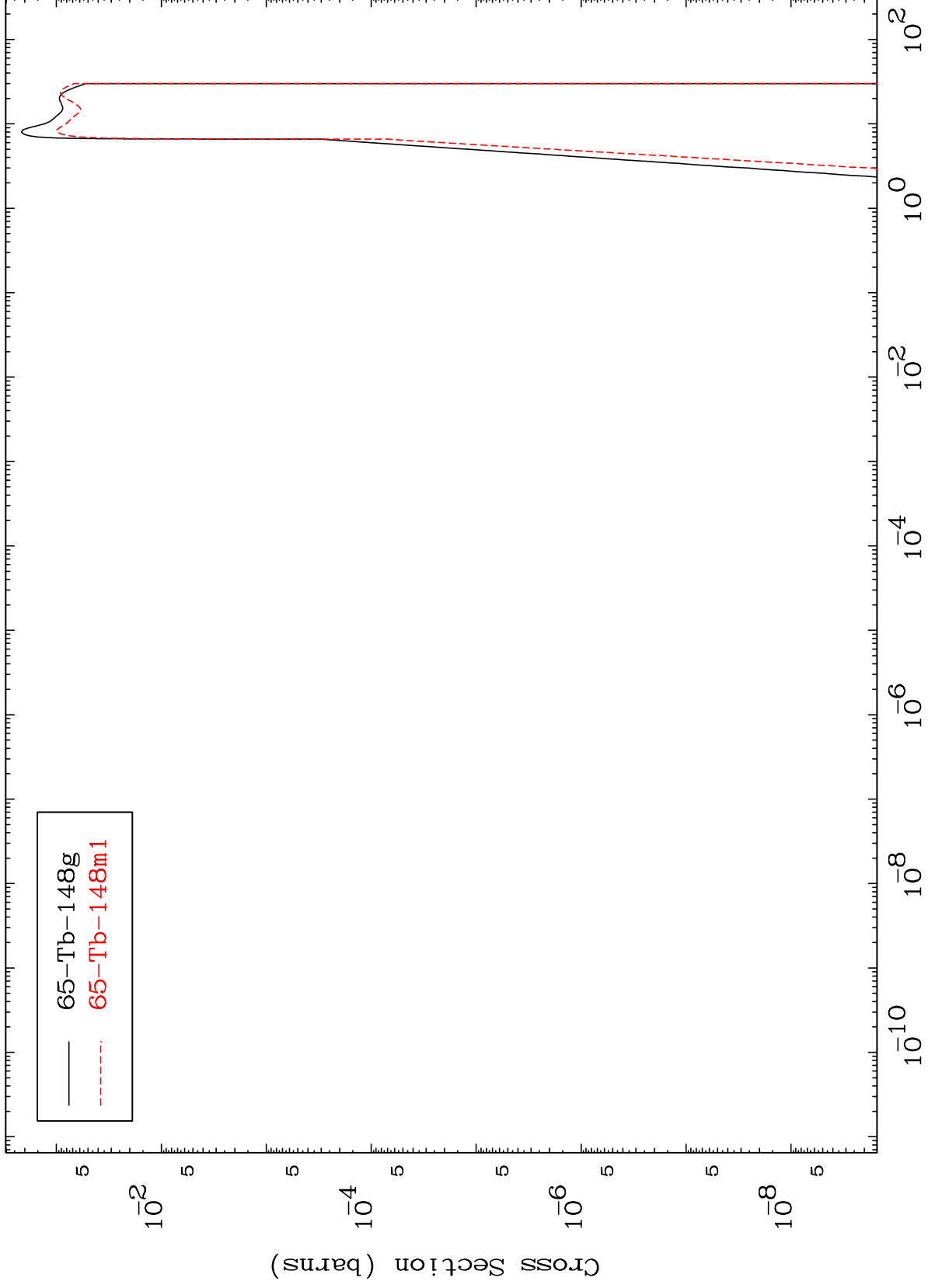
67-Ho-152

MAT 6686

$(n, n') \alpha$

67-Ho-152

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

68

Incident Energy (MeV)

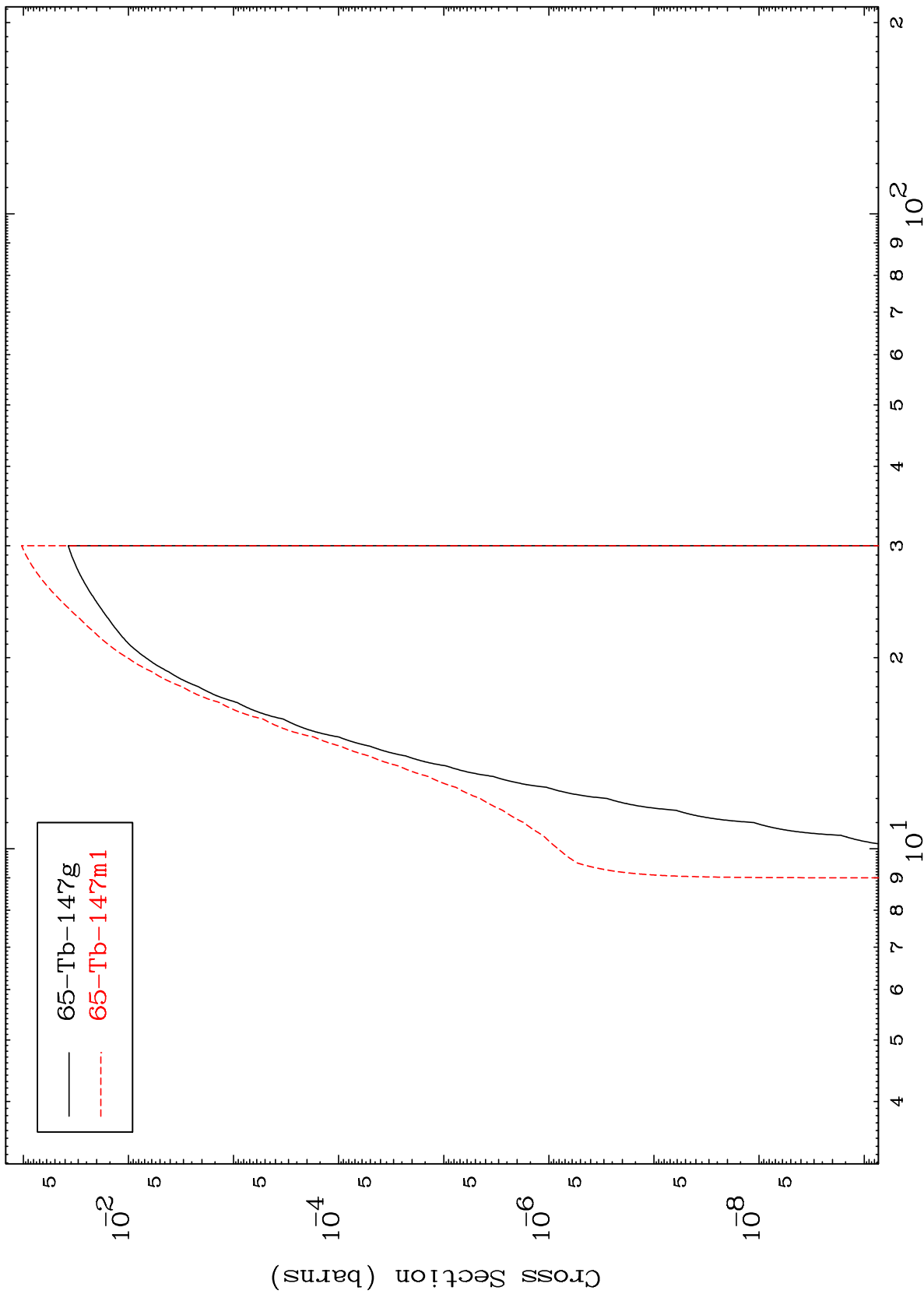
67-Ho-152

MAT 6686

67-Ho-152

(n,2n)  $\alpha$

Radionuclide Production Cross Section



69

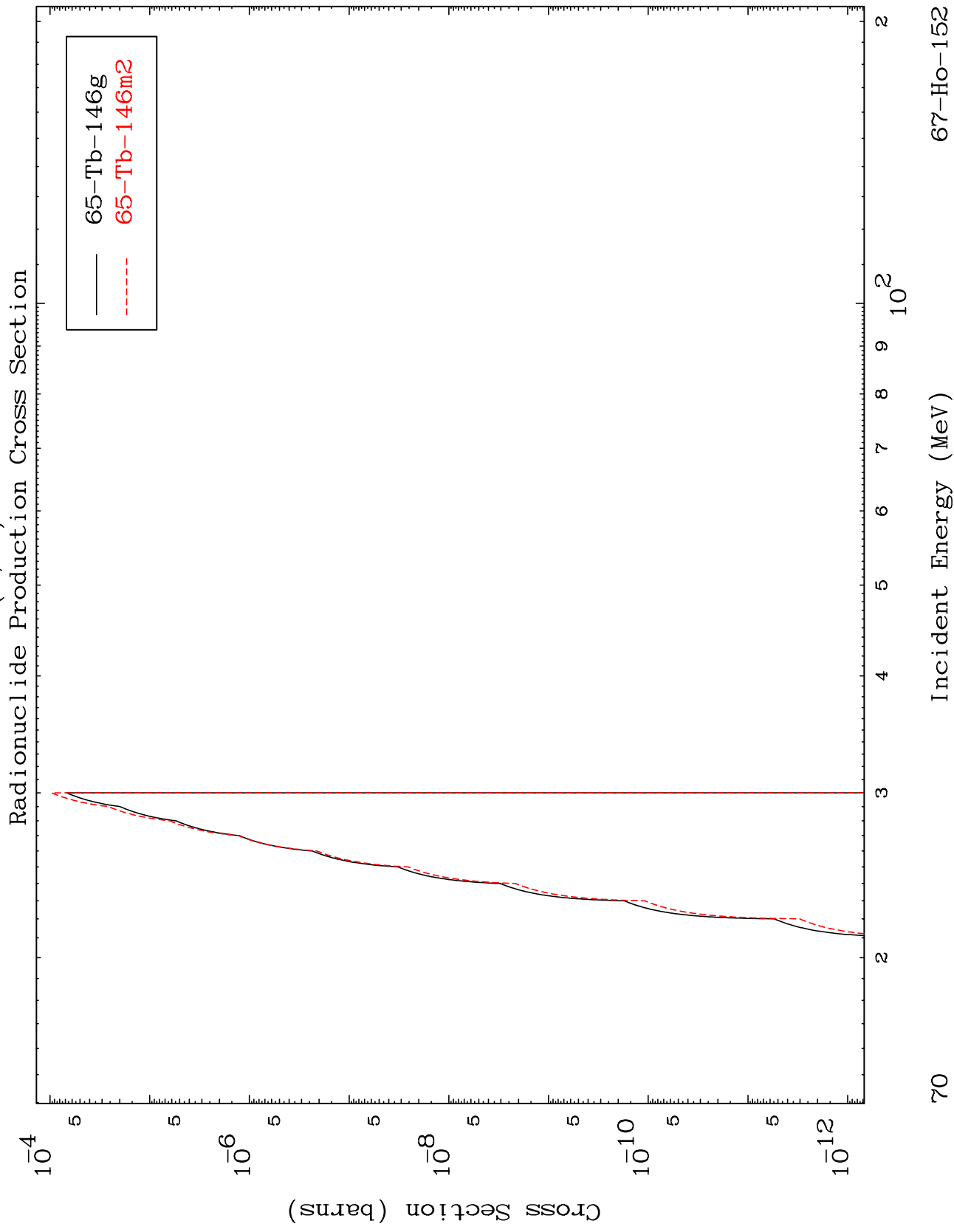
Incident Energy (MeV)

67-Ho-152

MAT 6686

(n,3n)  $\alpha$

67-Ho-152



70

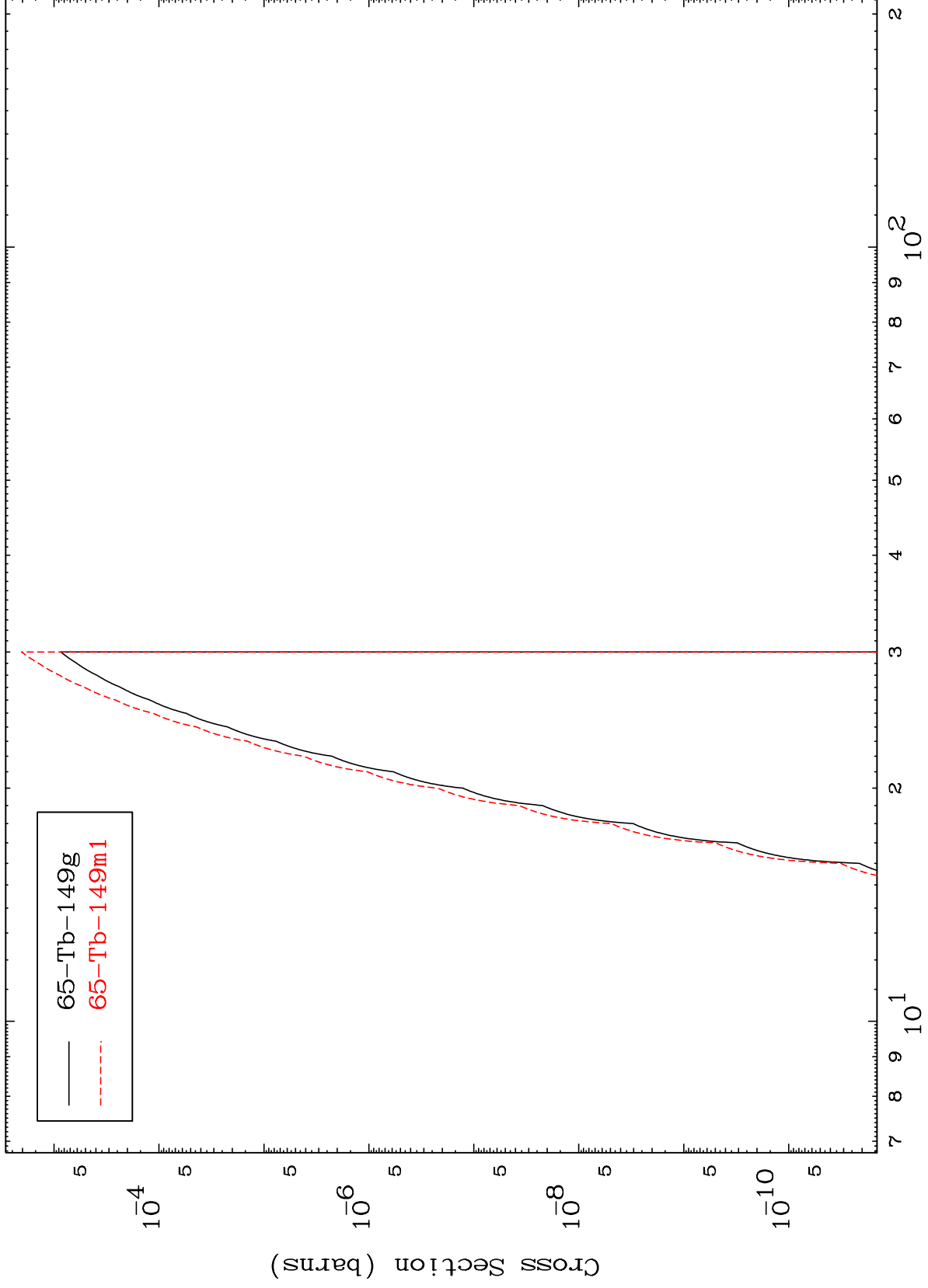
67-Ho-152

MAT 6686

(n,n') He-3

67-Ho-152

Radionuclide Production Cross Section



71

Incident Energy (MeV)

67-Ho-152

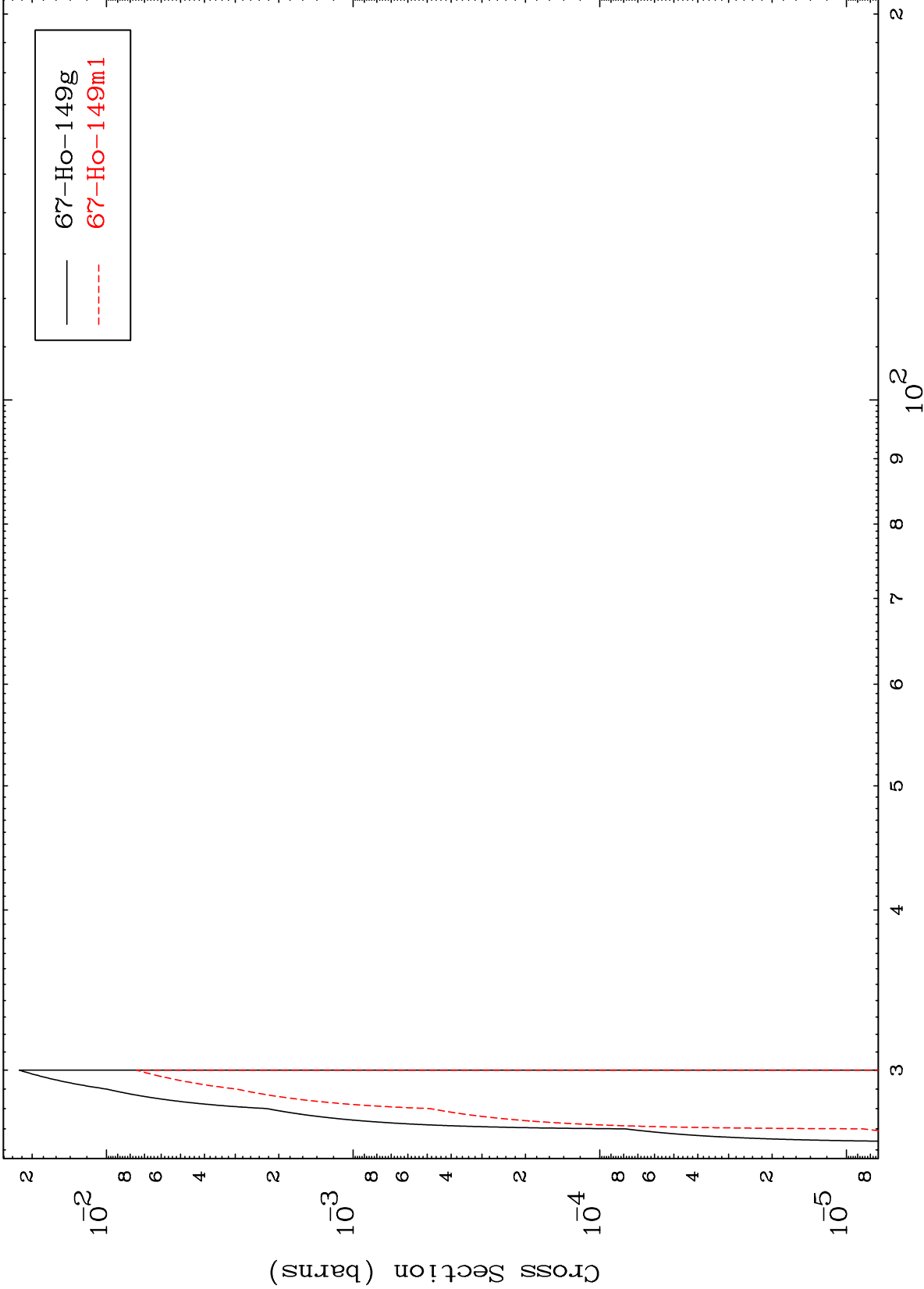


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(n,4n)

67-Ho-152

Radionuclide Production Cross Section



67-Ho-149g  
67-Ho-149m1

72

Incident Energy (MeV)

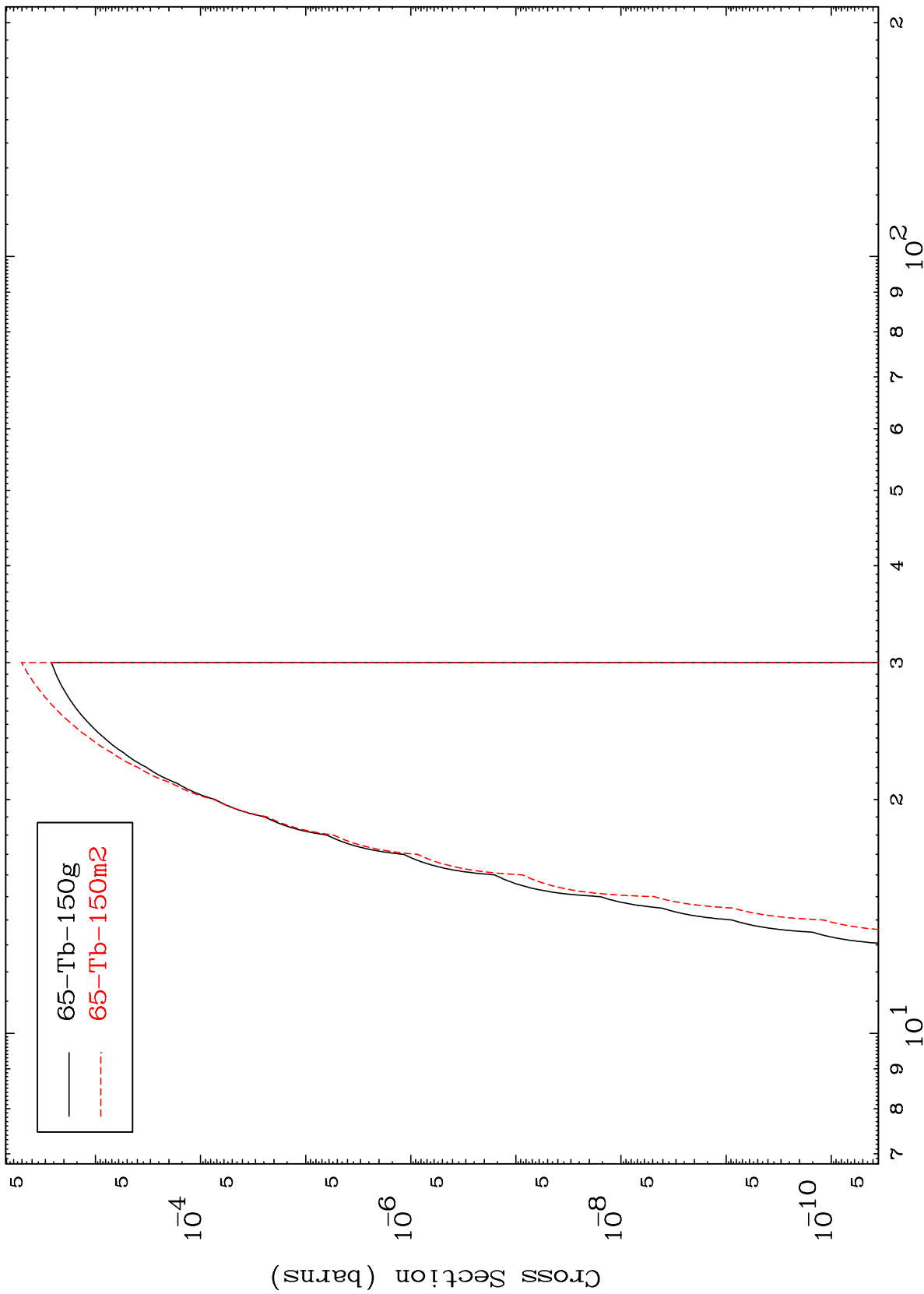
67-Ho-152

MAT 6686

(n,2n) p

67-Ho-152

Radionuclide Production Cross Section



73

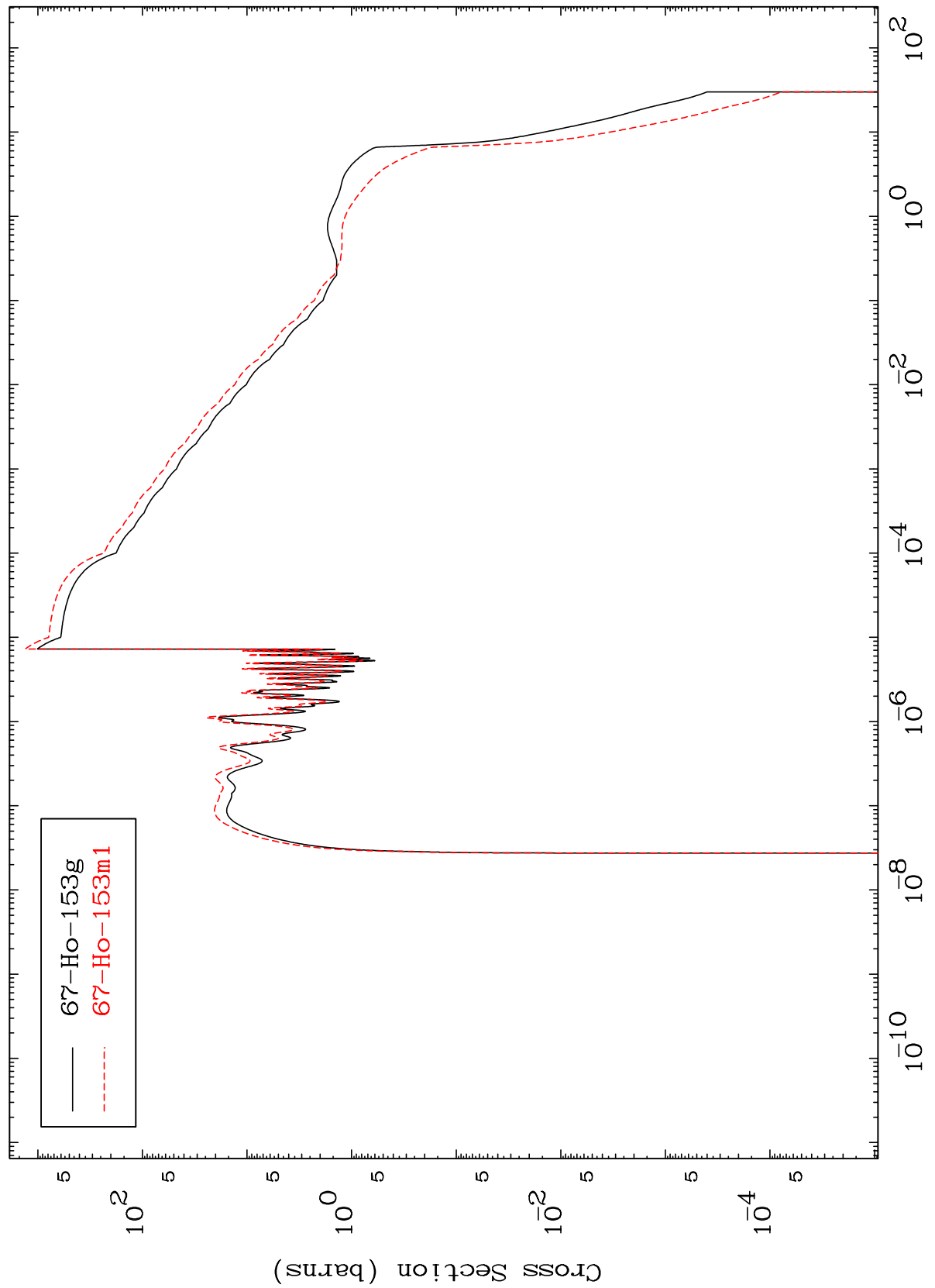
Incident Energy (MeV)

67-Ho-152

MAT 6686

67-Ho-152

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



74

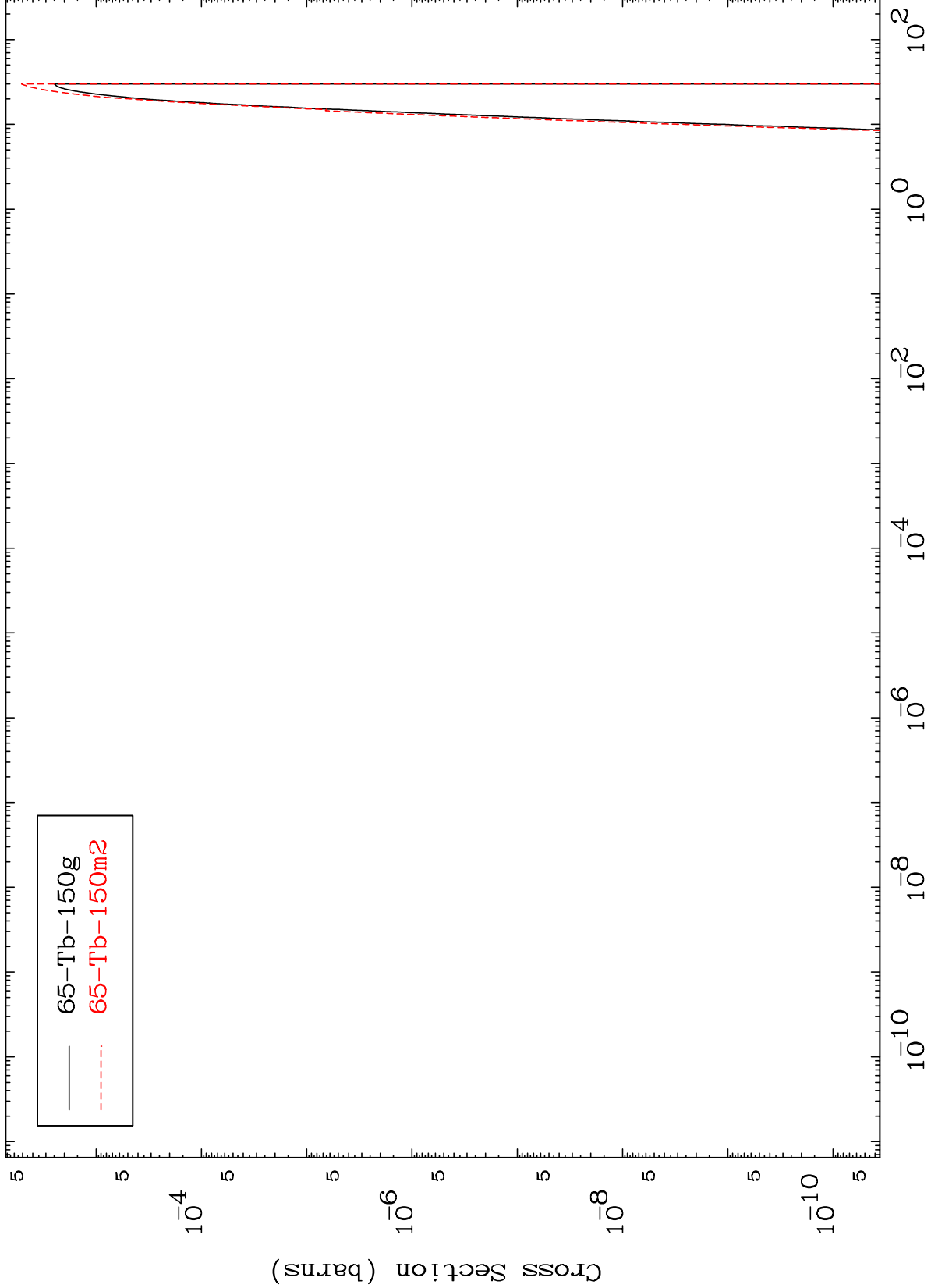
67-Ho-152

MAT 6686

(n,He-3)

67-Ho-152

Radionuclide Production Cross Section



75

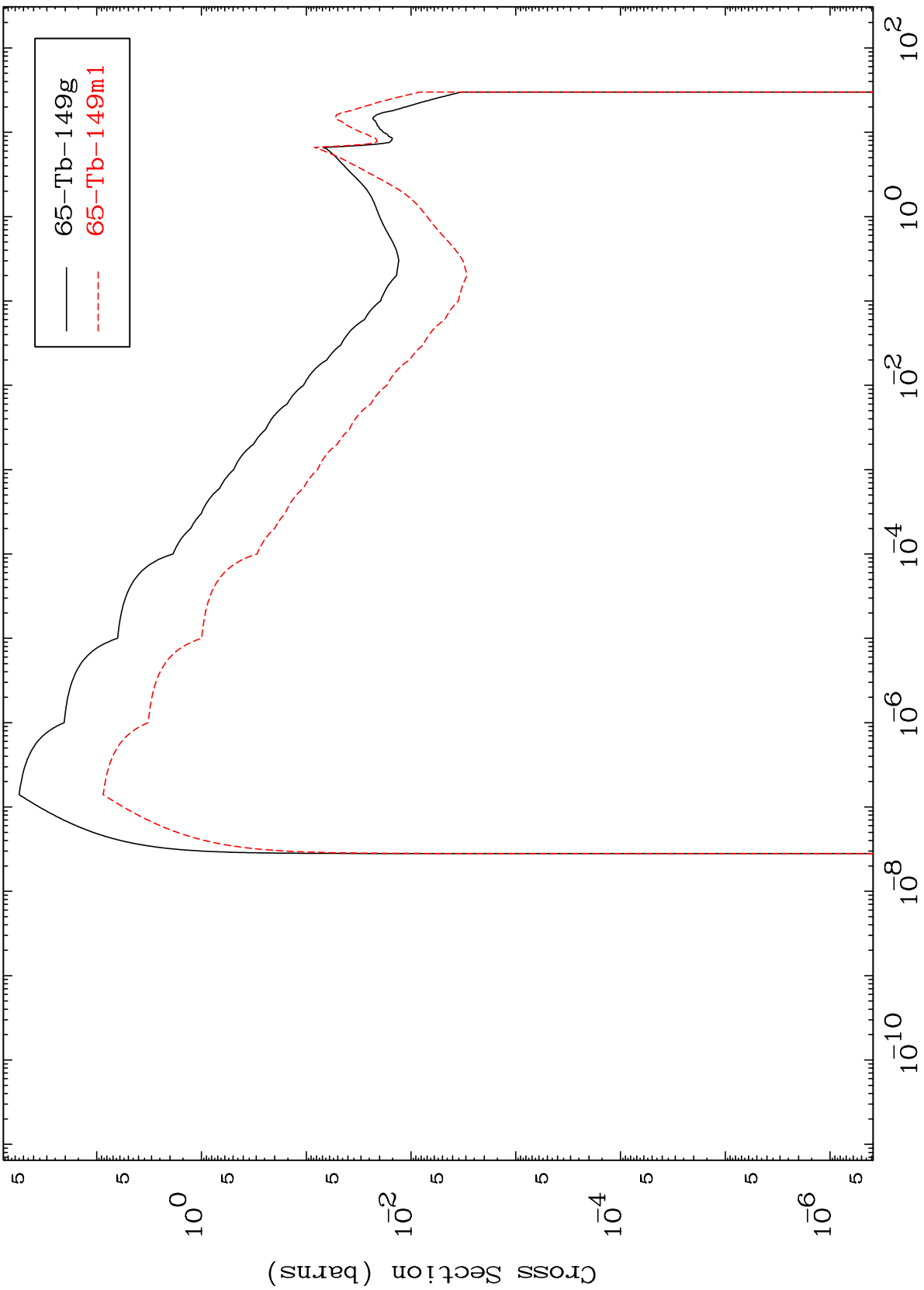
Incident Energy (MeV)

67-Ho-152

MAT 6686

67-Ho-152

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



76

Incident Energy (MeV)

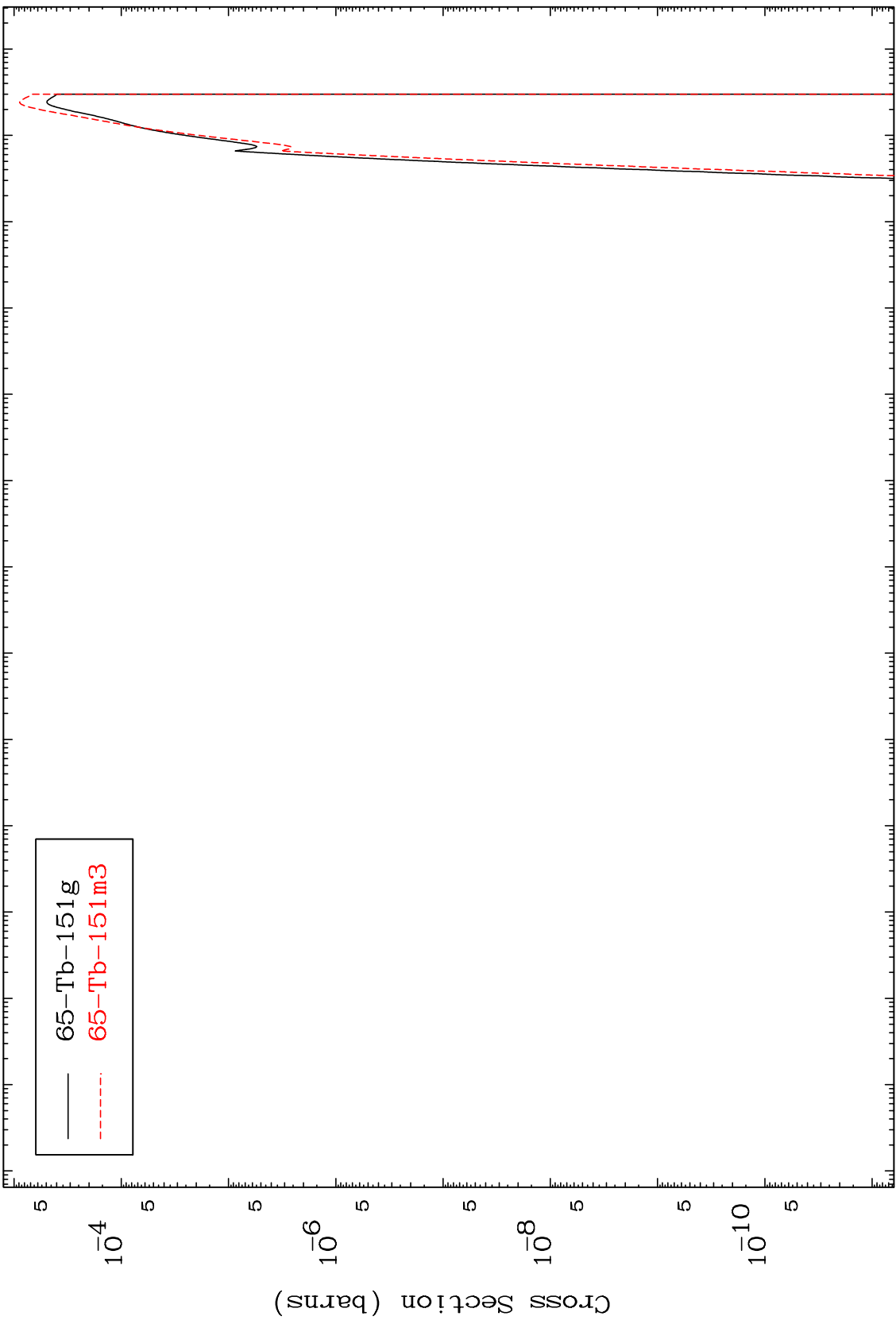
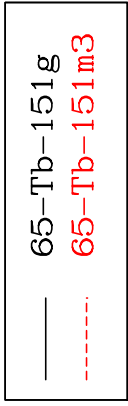
67-Ho-152

MAT 6686

(n,2p)

67-Ho-152

Radionuclide Production Cross Section



67-Ho-152

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

10<sup>0</sup>

10<sup>2</sup>

Incident Energy (MeV)

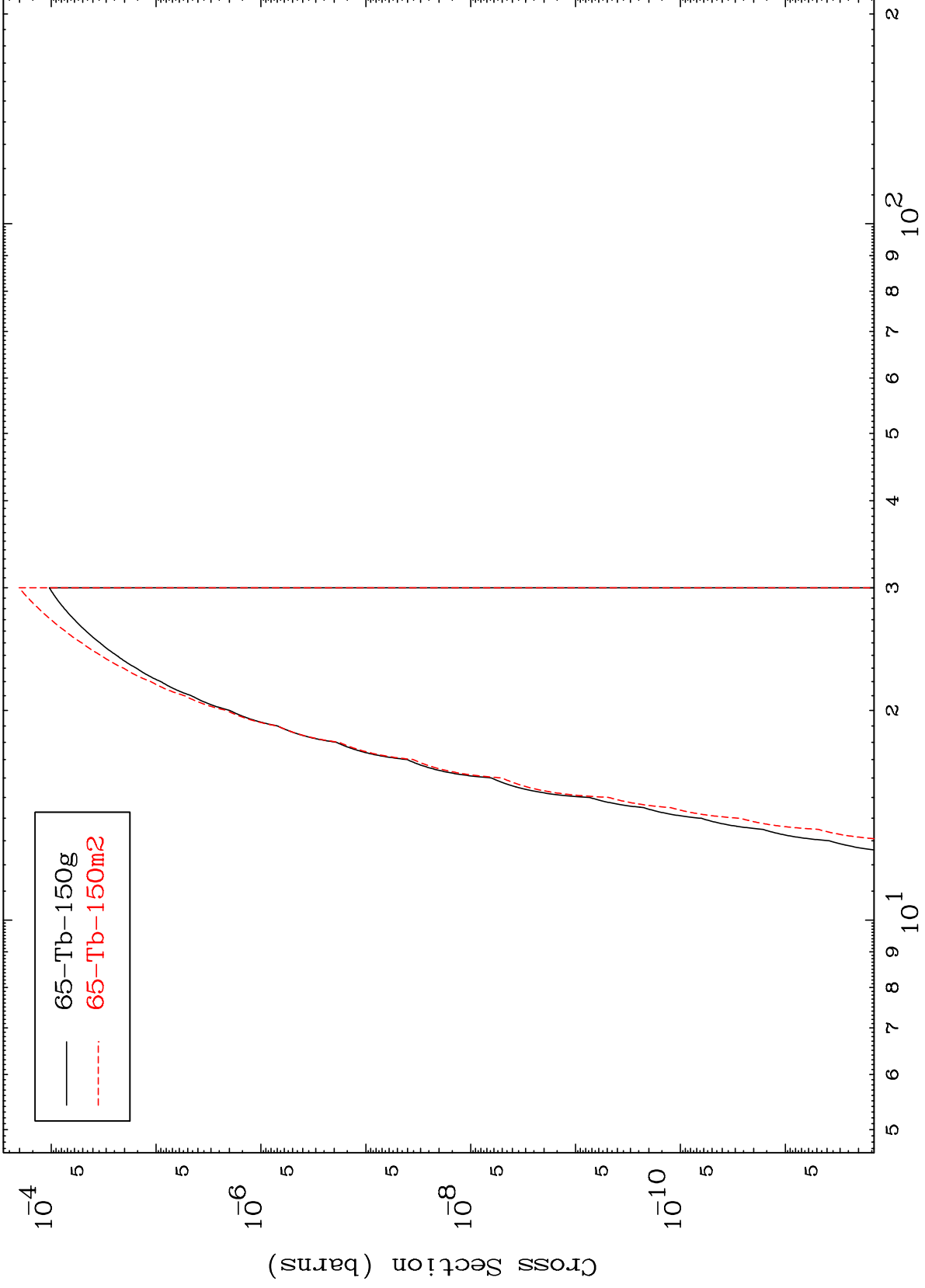
77

MAT 6686

(n,p) d

67-Ho-152

Radionuclide Production Cross Section



78

Incident Energy (MeV)

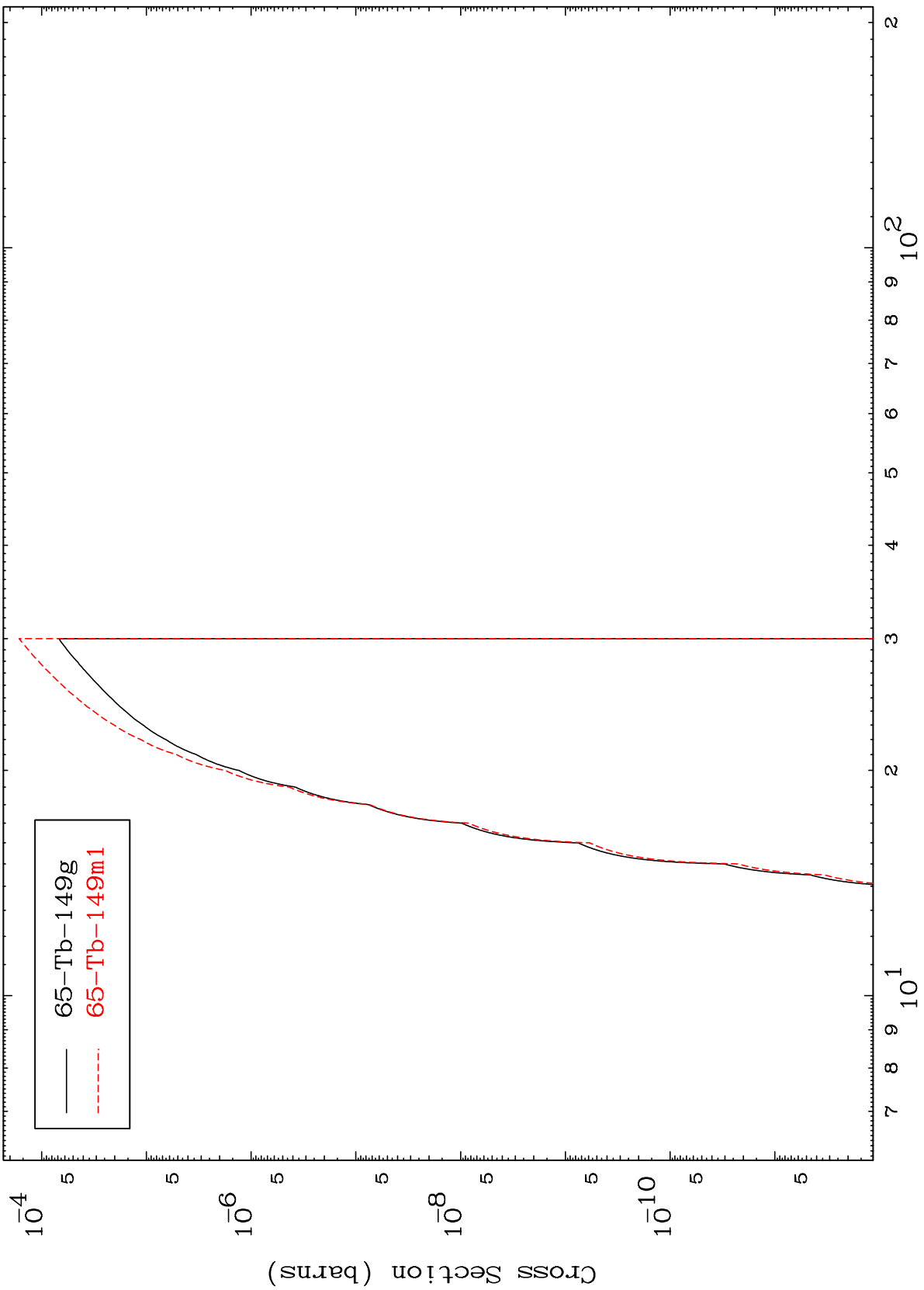
67-Ho-152

MAT 6686

(n,p) t

67-Ho-152

Radionuclide Production Cross Section



Legend:  
— 65-Tb-149g  
- - - 65-Tb-149m1

79

Incident Energy (MeV)

67-Ho-152