

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

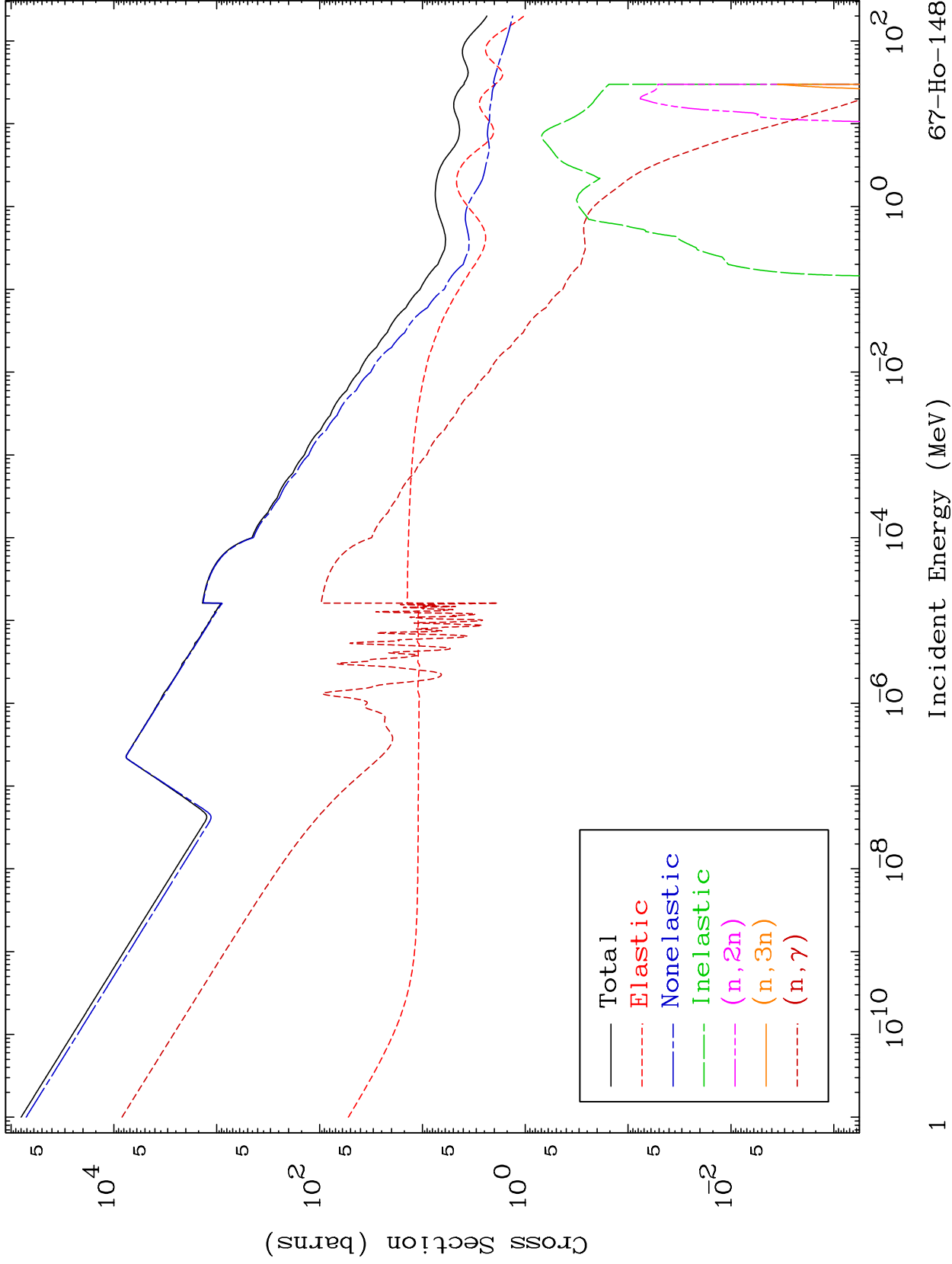
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6674

Neutron Major  
293 Kelvin Cross Sections

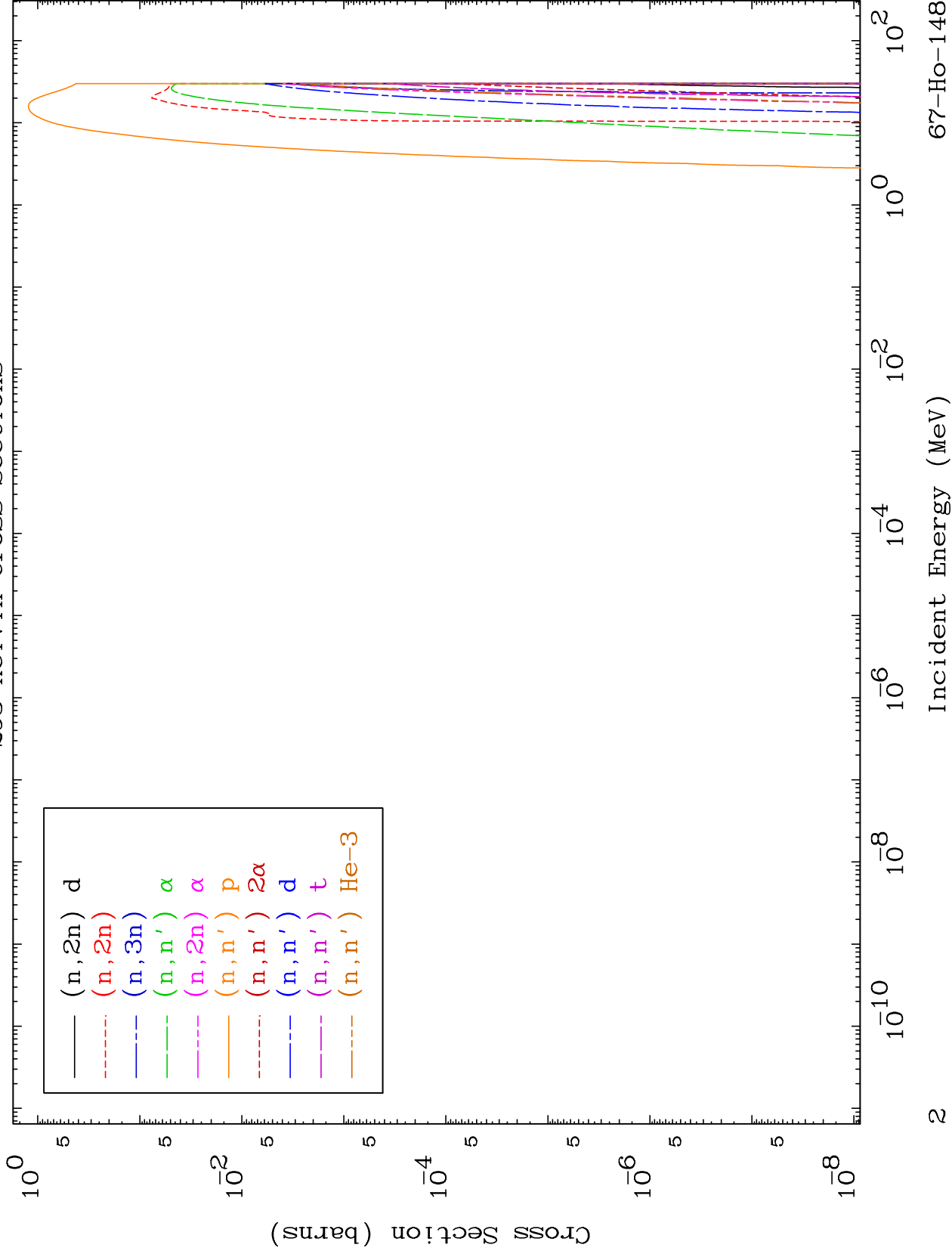
67-Ho-148



MAT 6674

Neutron Absorption  
293 Kelvin Cross Sections

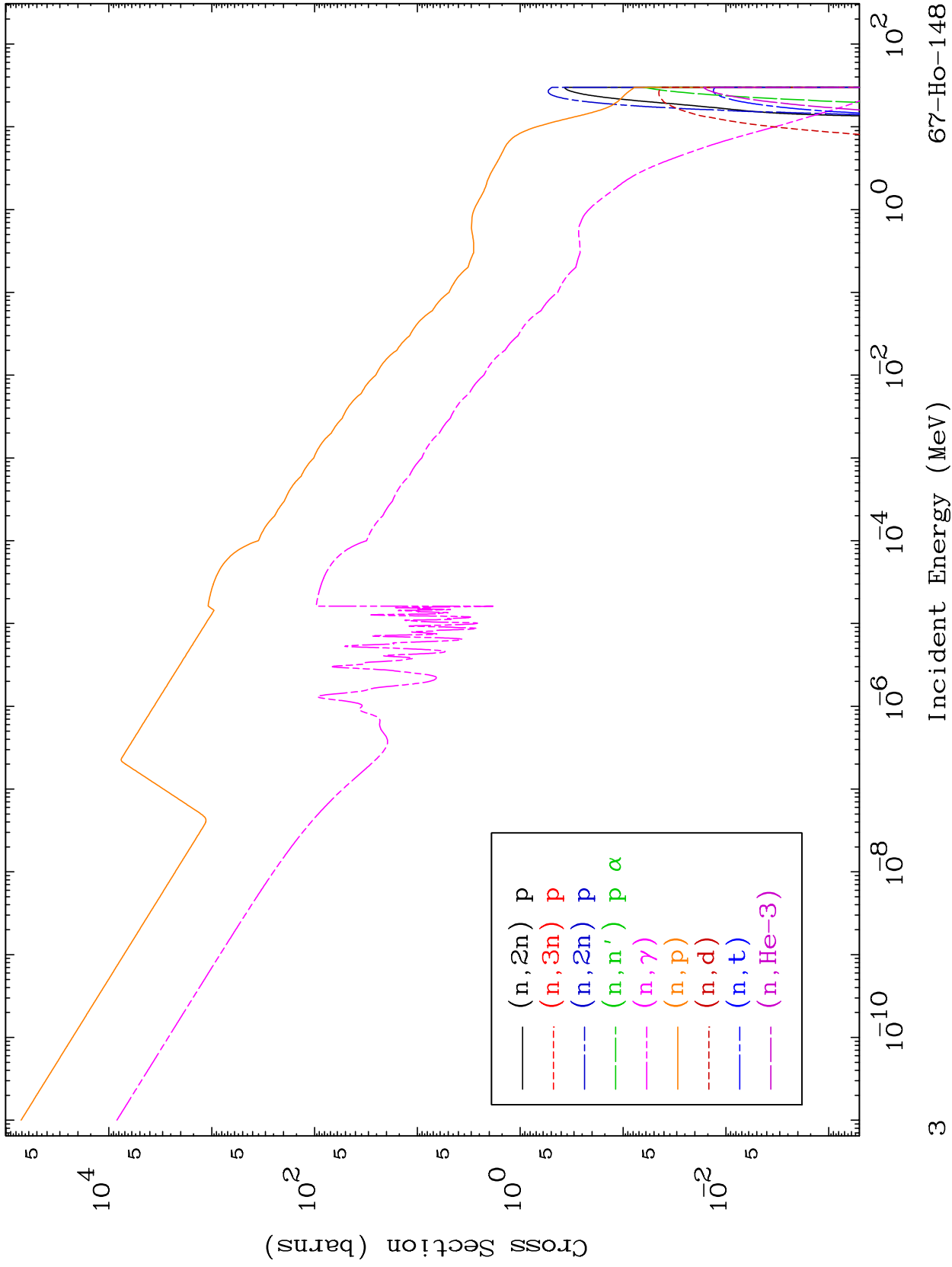
67-Ho-148

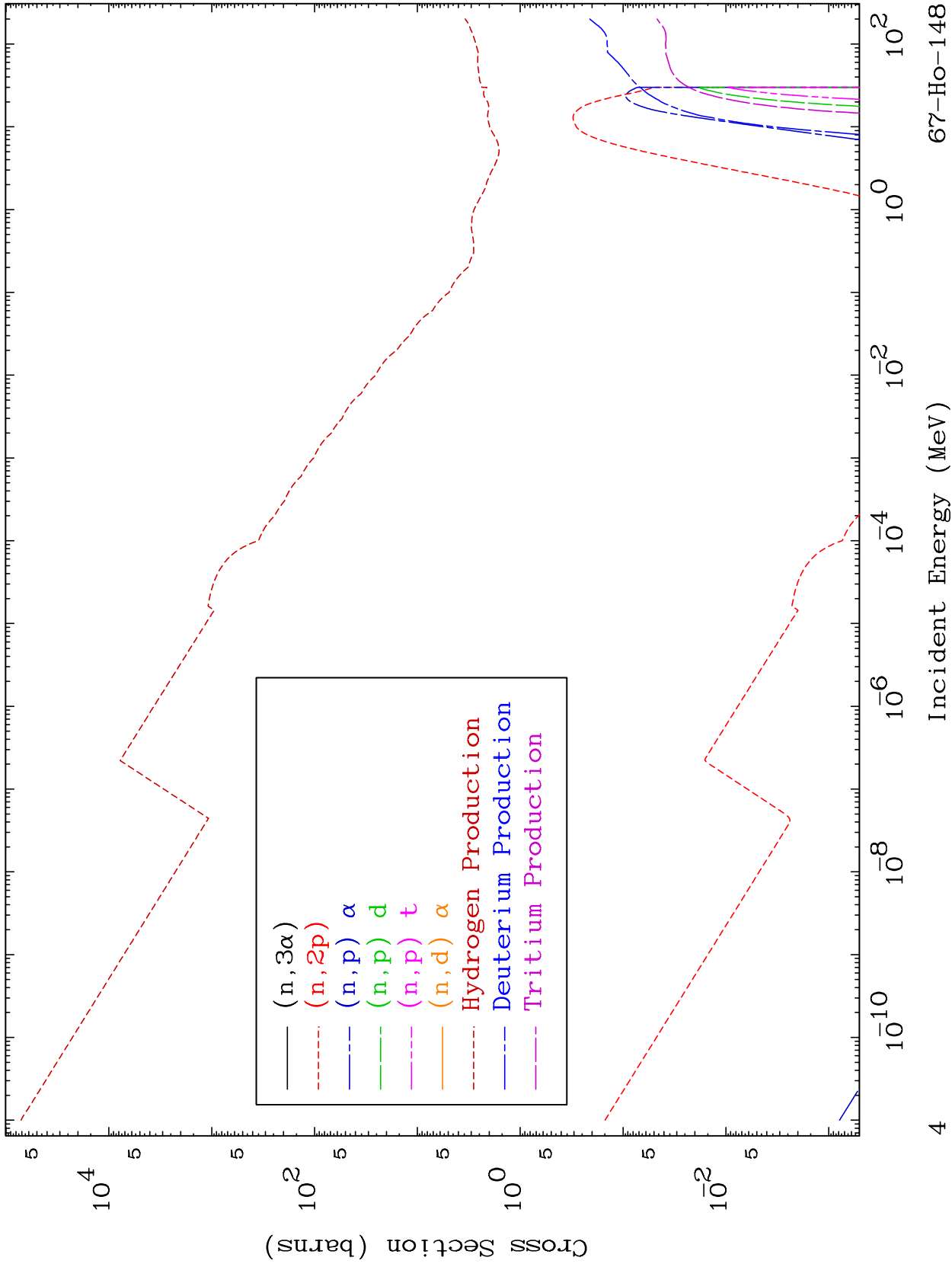


MAT 6674

Neutron Absorption  
293 Kelvin Cross Sections

67-Ho-148



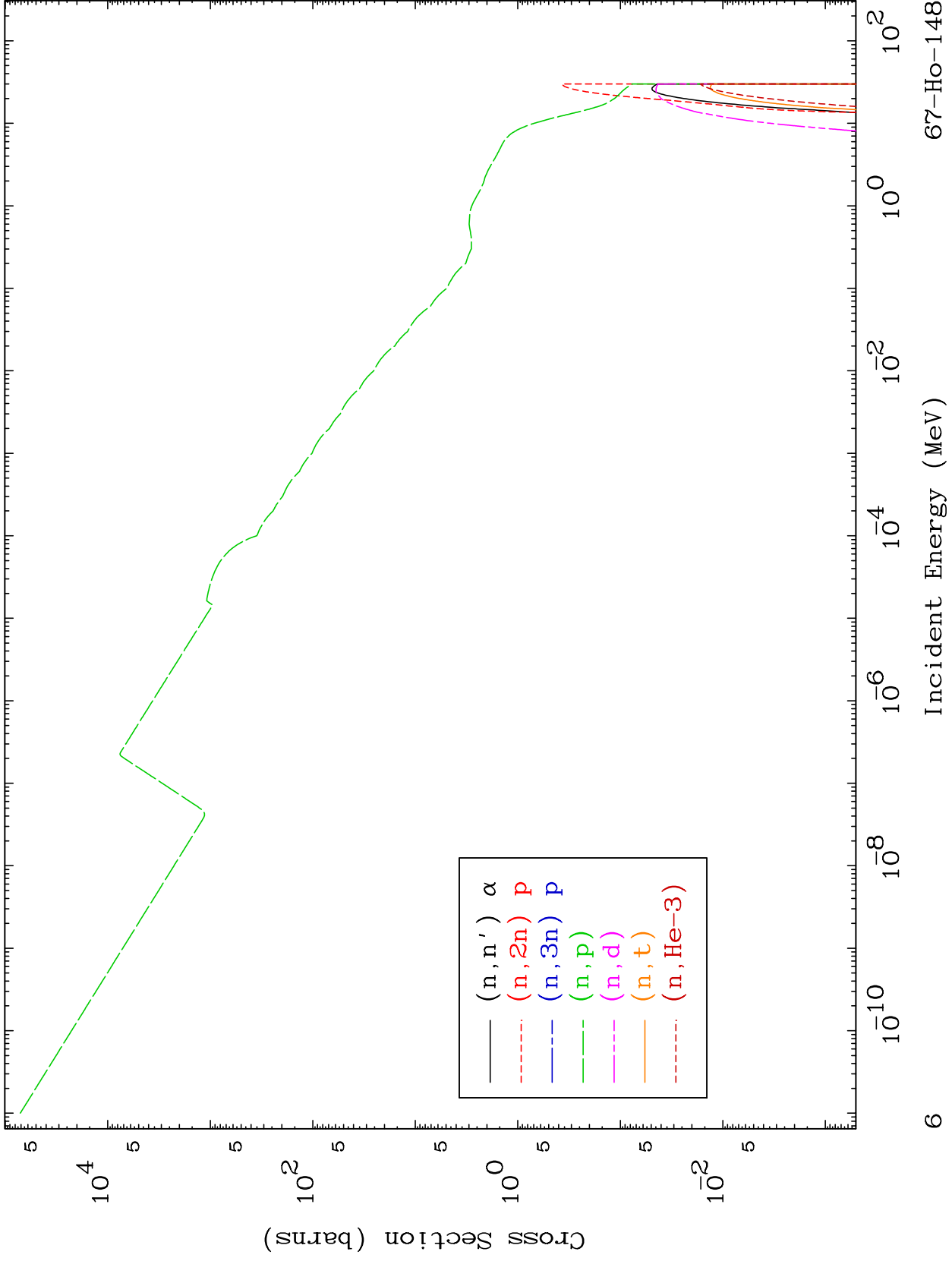




MAT 6674

Charged Particle  
293 Kelvin Cross Sections

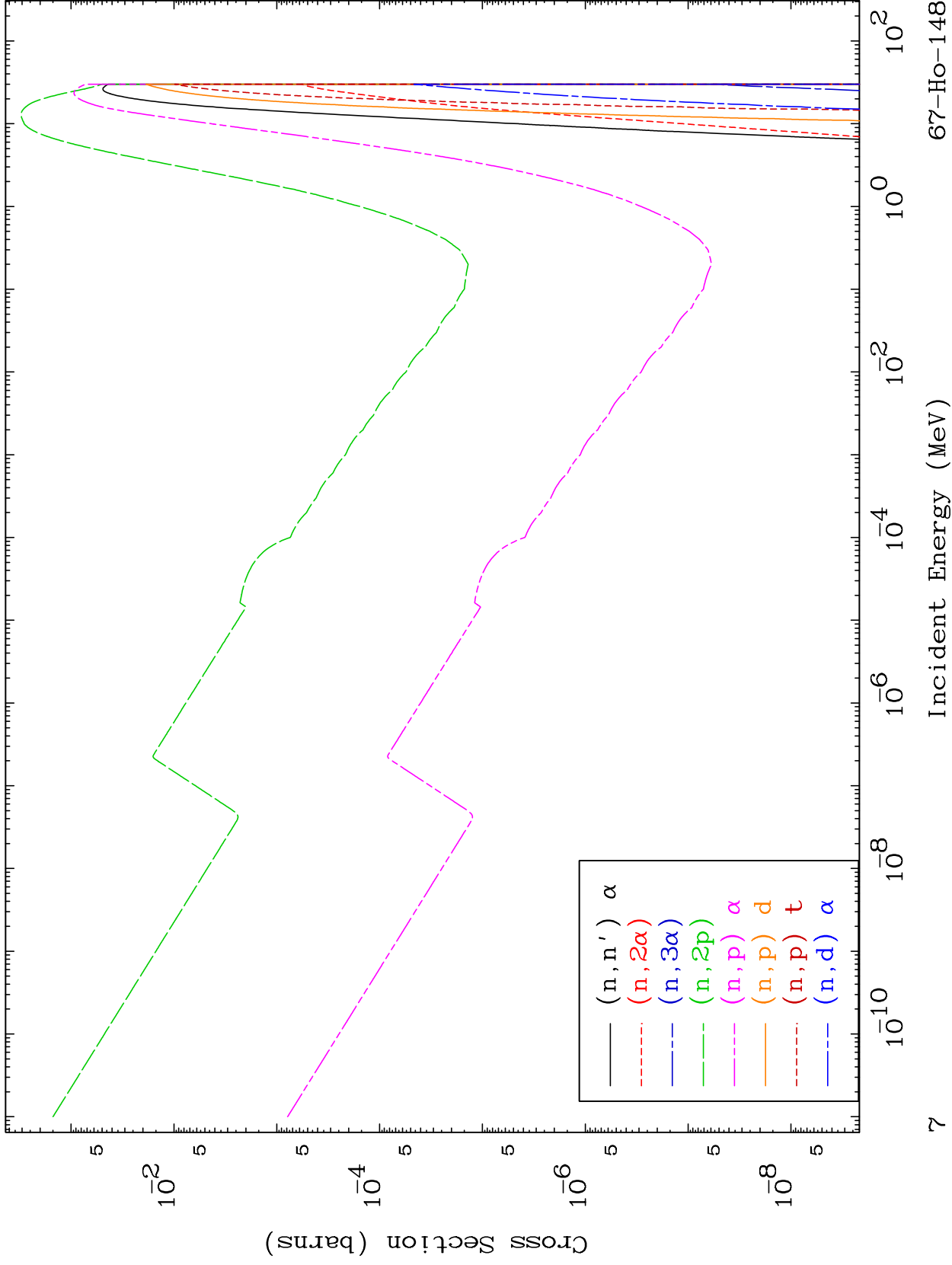
67-Ho-148



MAT 6674

Charged Particle  
293 Kelvin Cross Sections

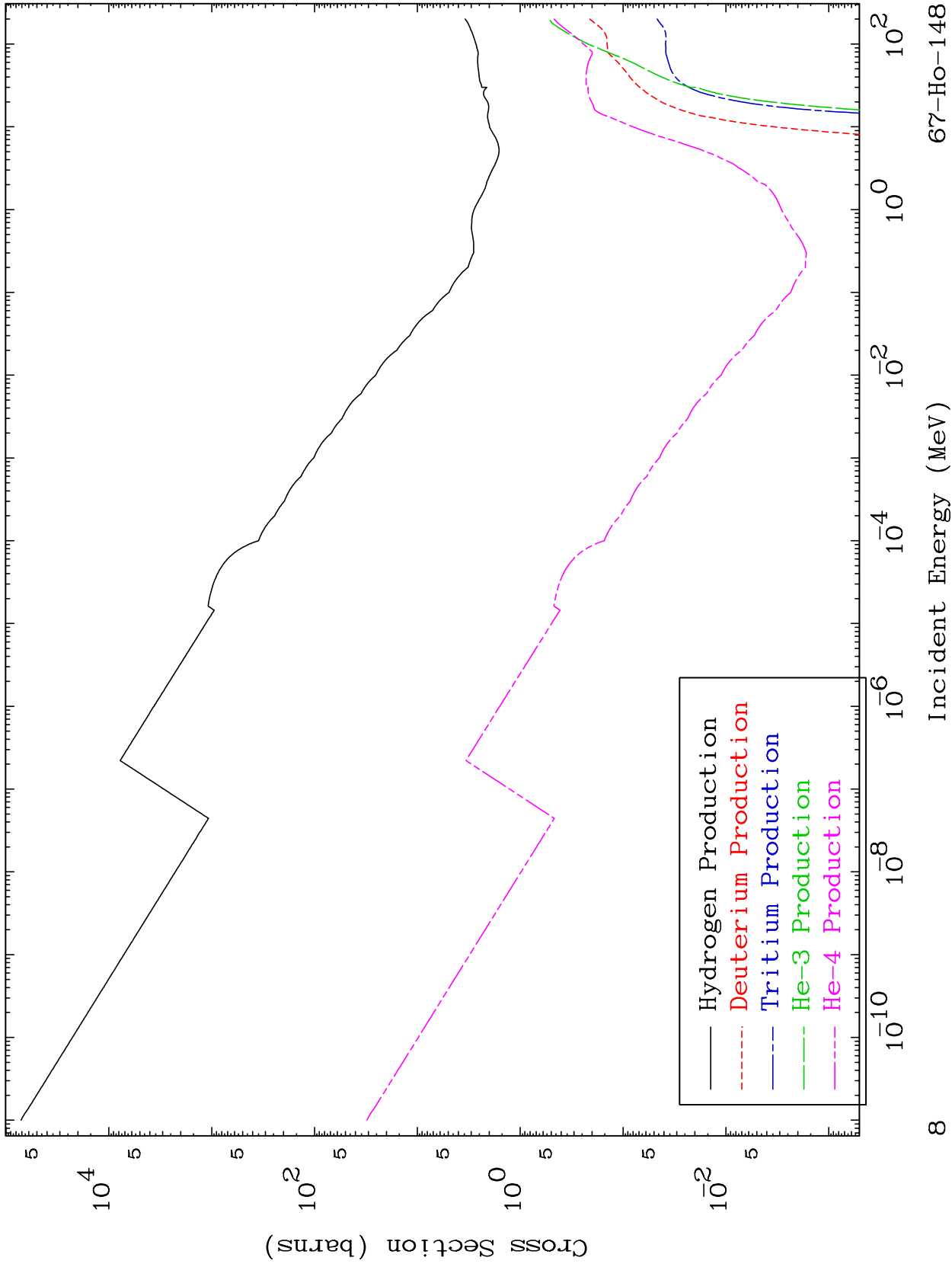
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MAT 6674

Particle Production  
293 Kelvin Cross Sections

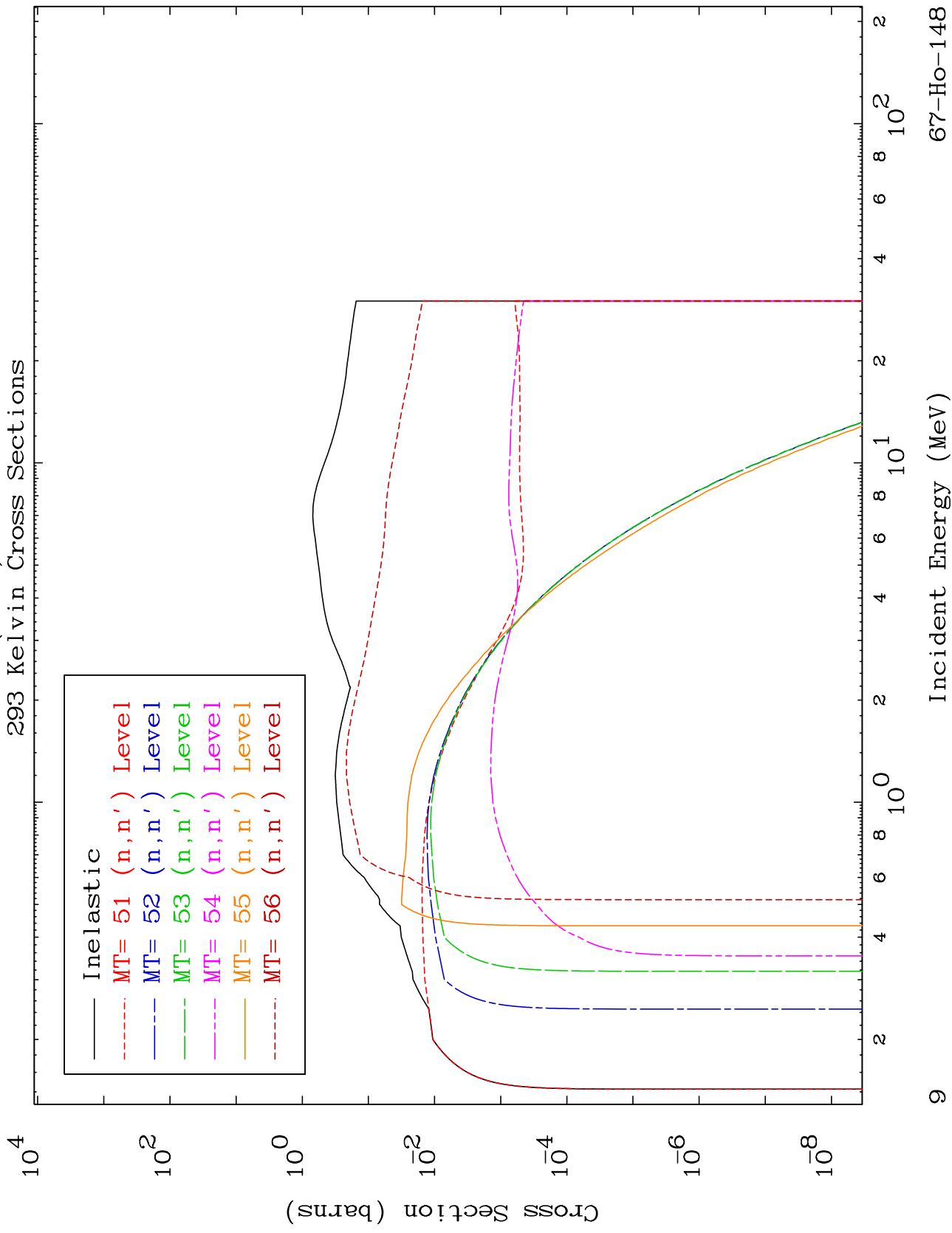
67-Ho-148



MAT 6674

(n,n') Levels  
293 Kelvin Cross Sections

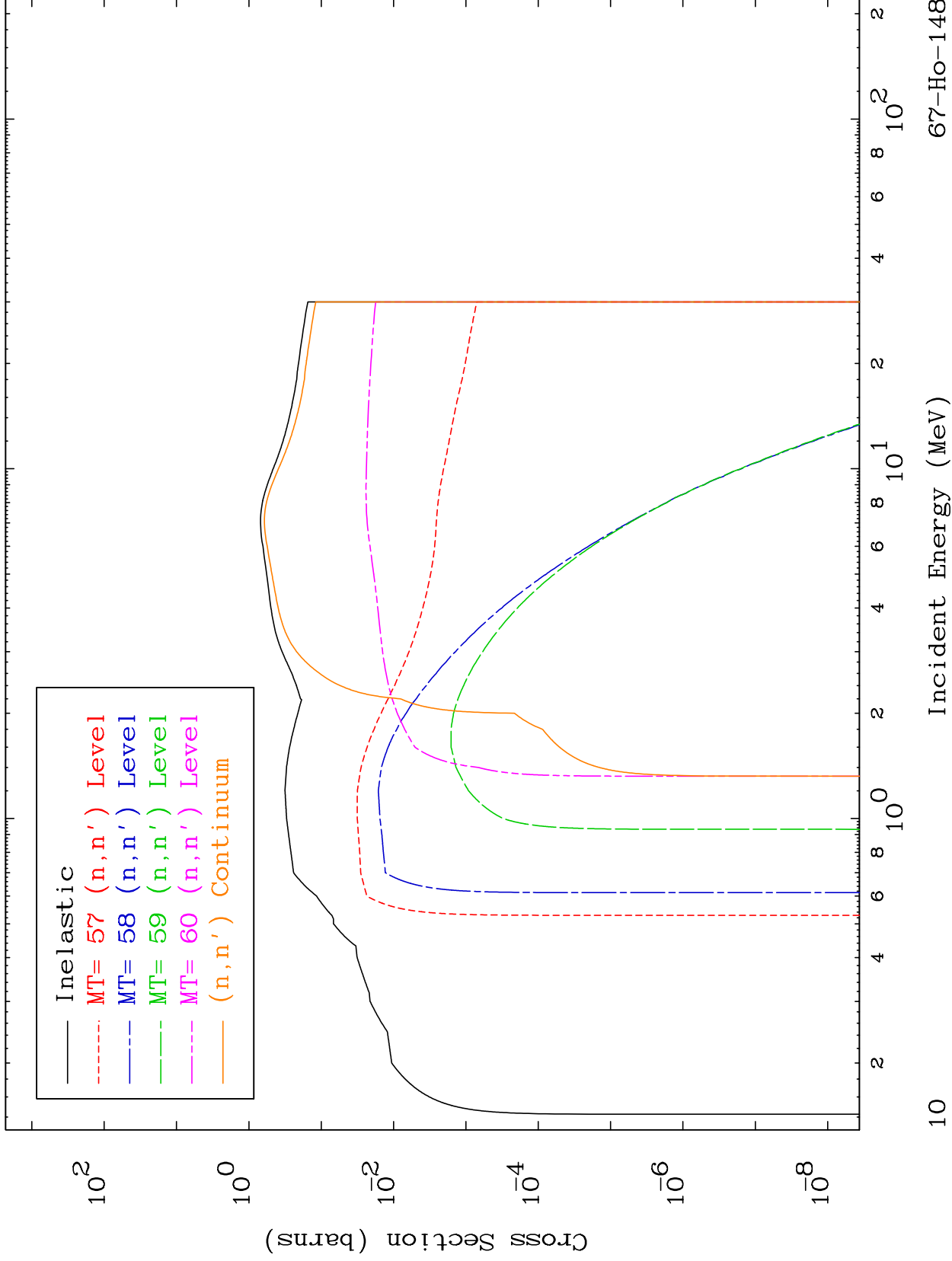
67-Ho-148



MAT 6674

(n,n') Levels  
293 Kelvin Cross Sections

67-Ho-148



10

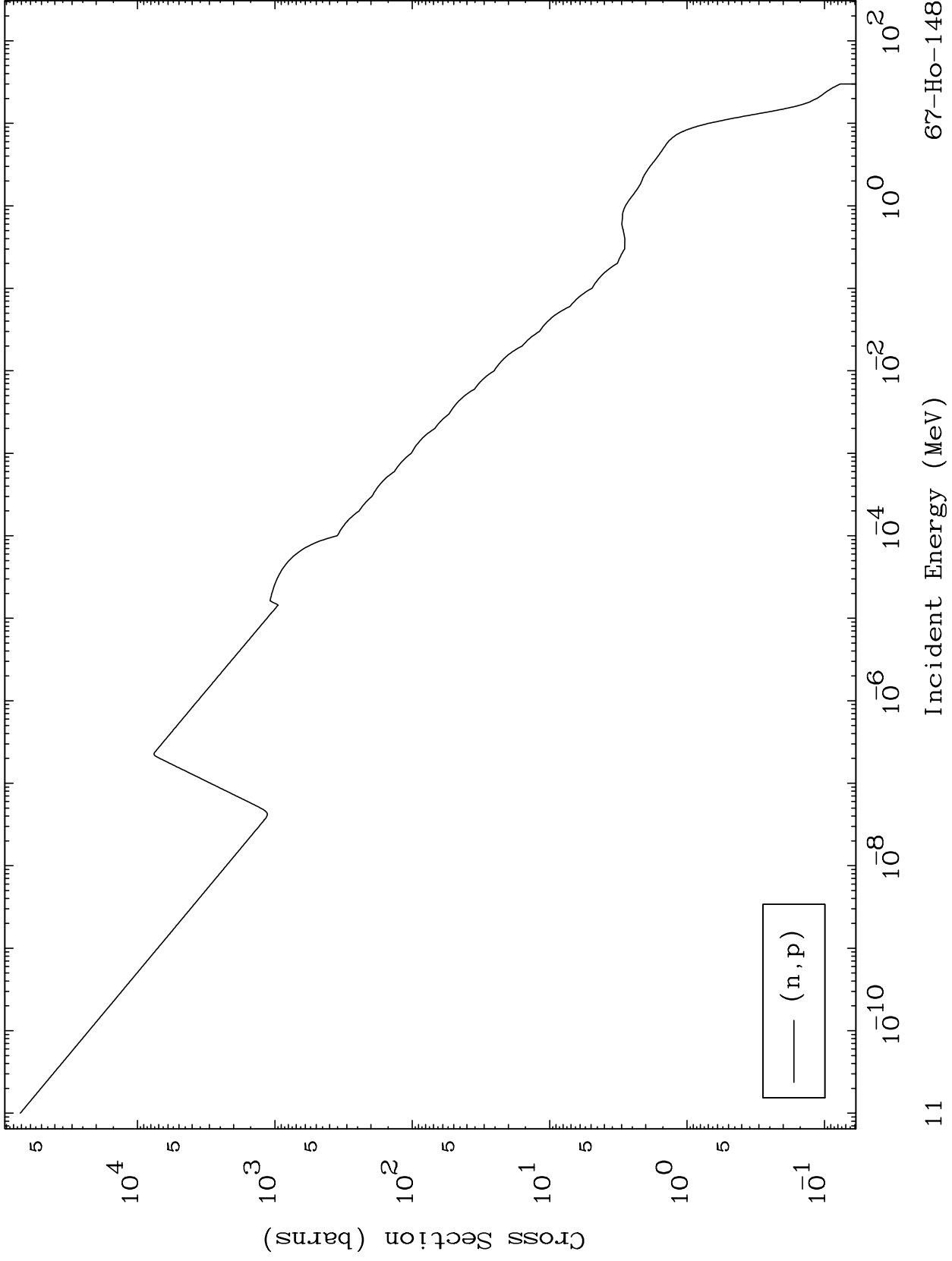
Incident Energy (MeV)

67-Ho-148

MAT 6674

(n,p) Levels  
293 Kelvin Cross Sections

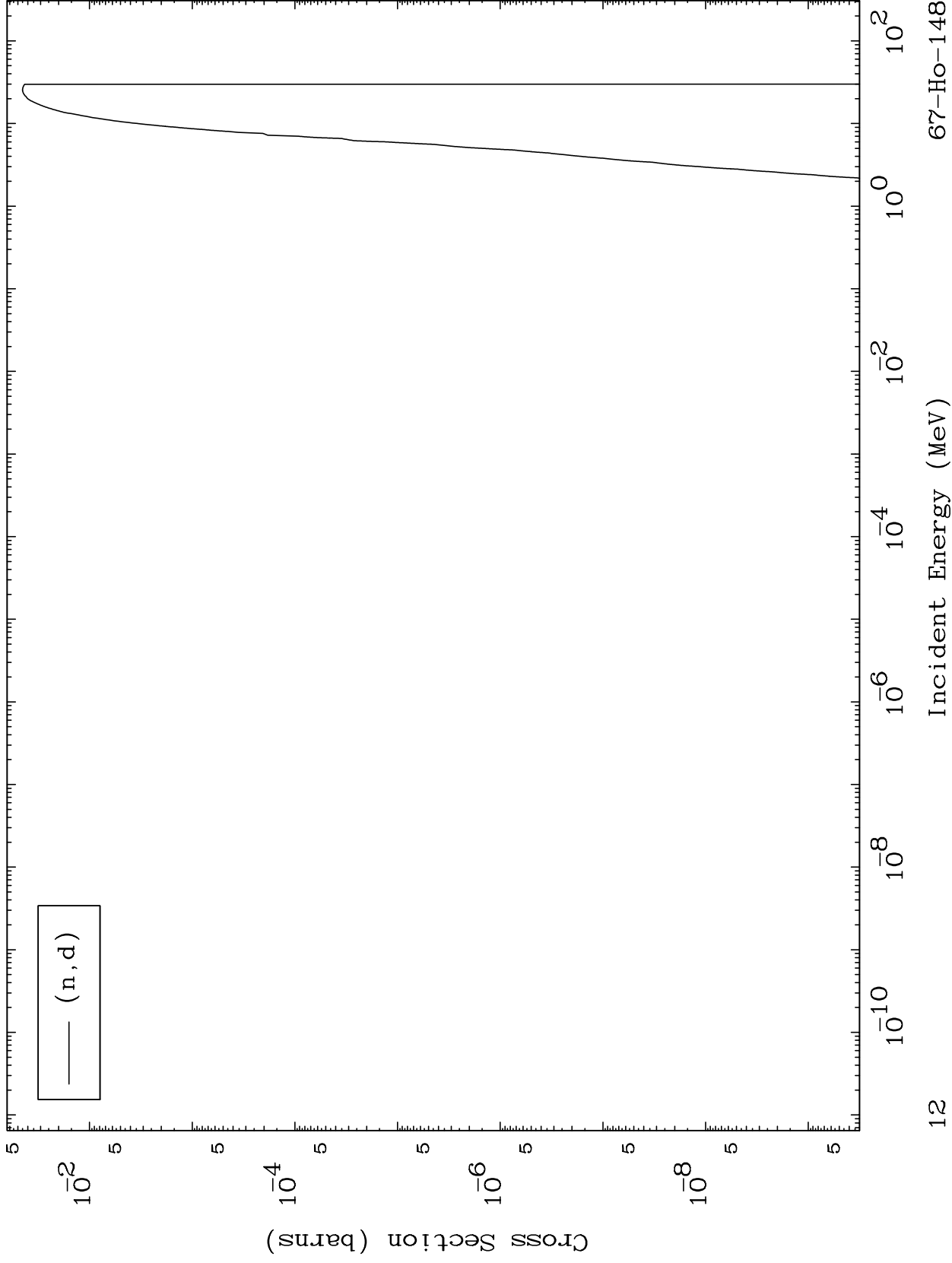
67-Ho-148



MAT 6674

(n,d) Levels  
293 Kelvin Cross Sections

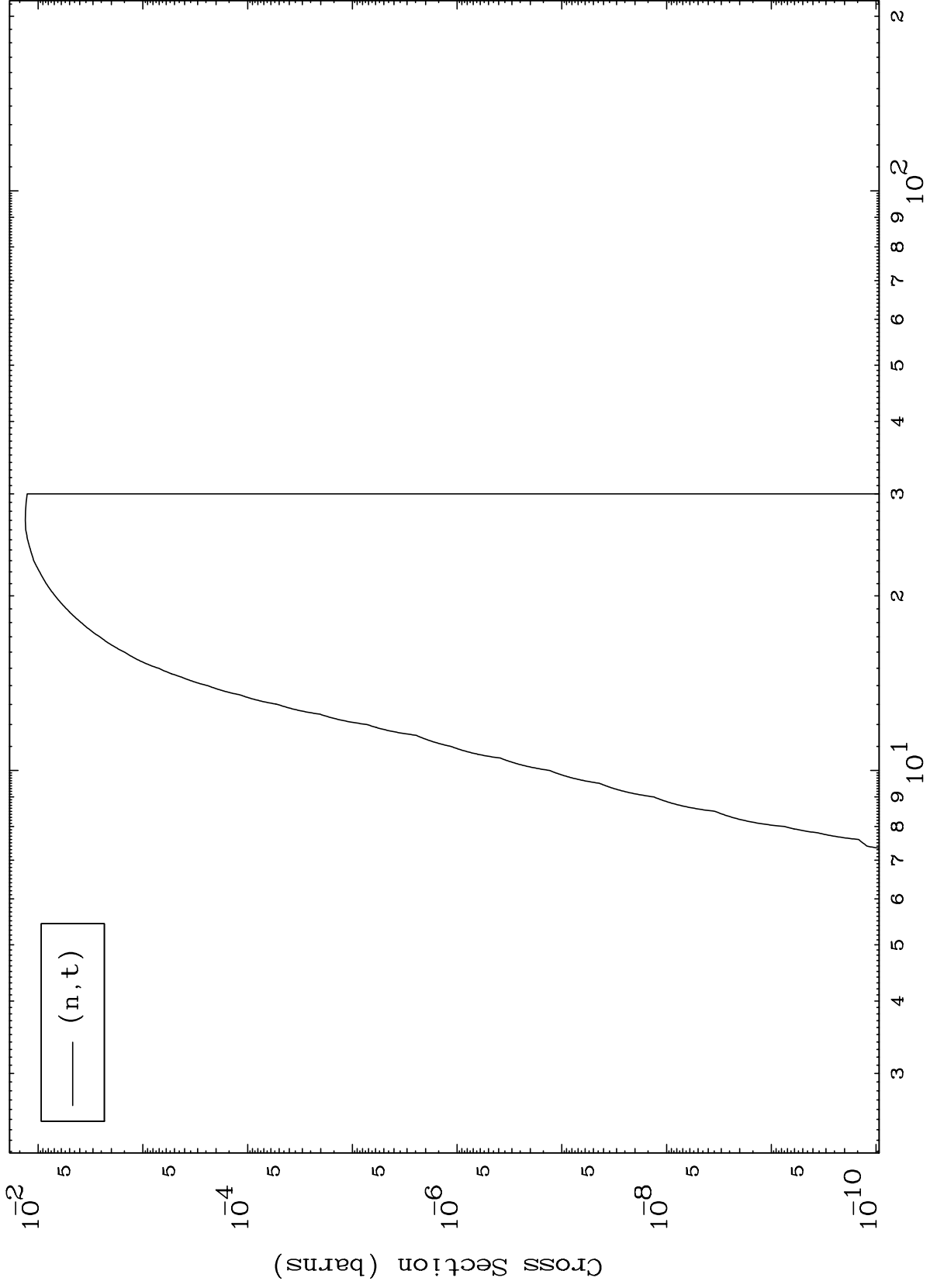
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MAT 6674

(n,t) Levels  
293 Kelvin Cross Sections

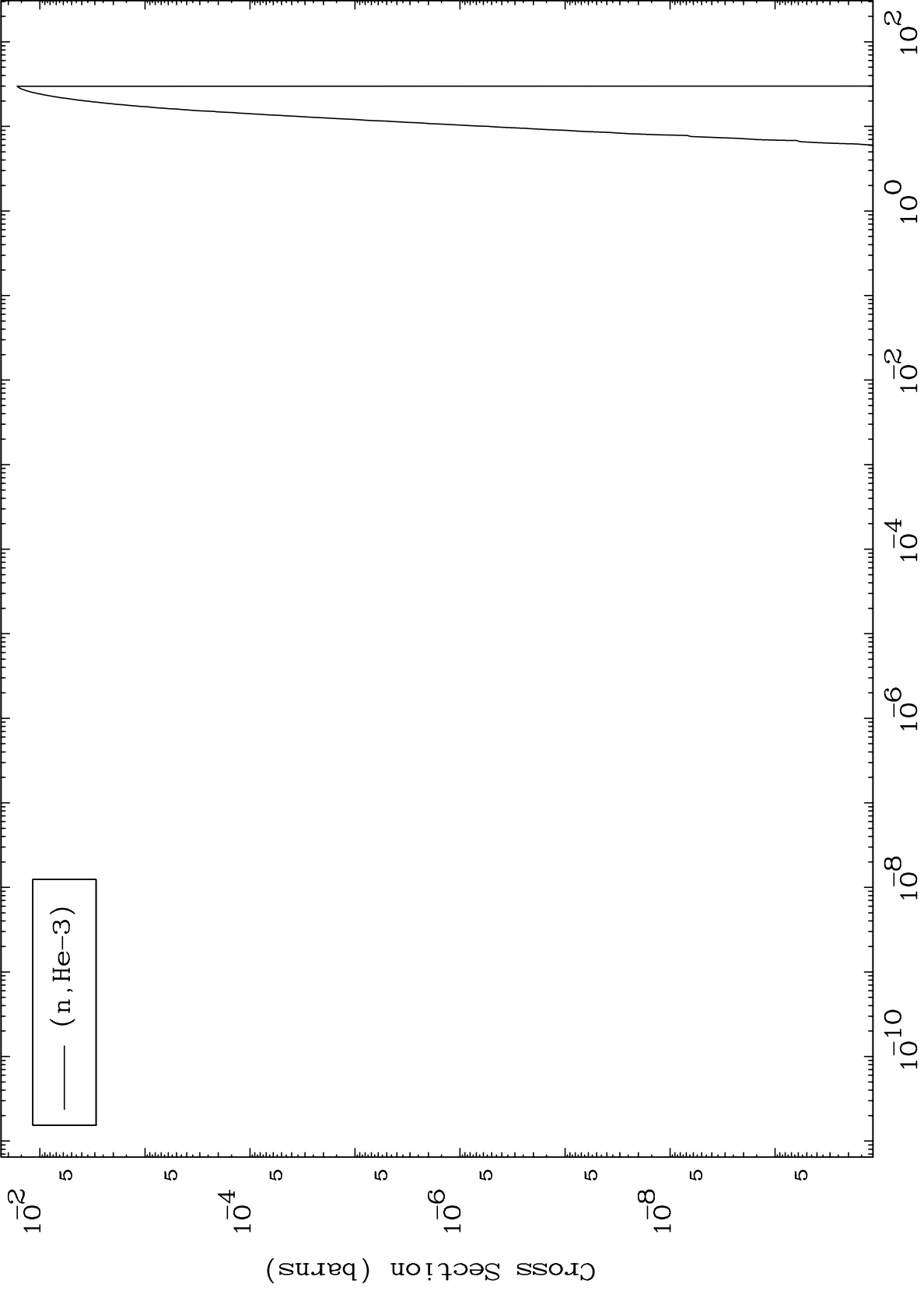
67-Ho-148



MAT 6674

(n,He3) Levels  
293 Kelvin Cross Sections

67-Ho-148



14

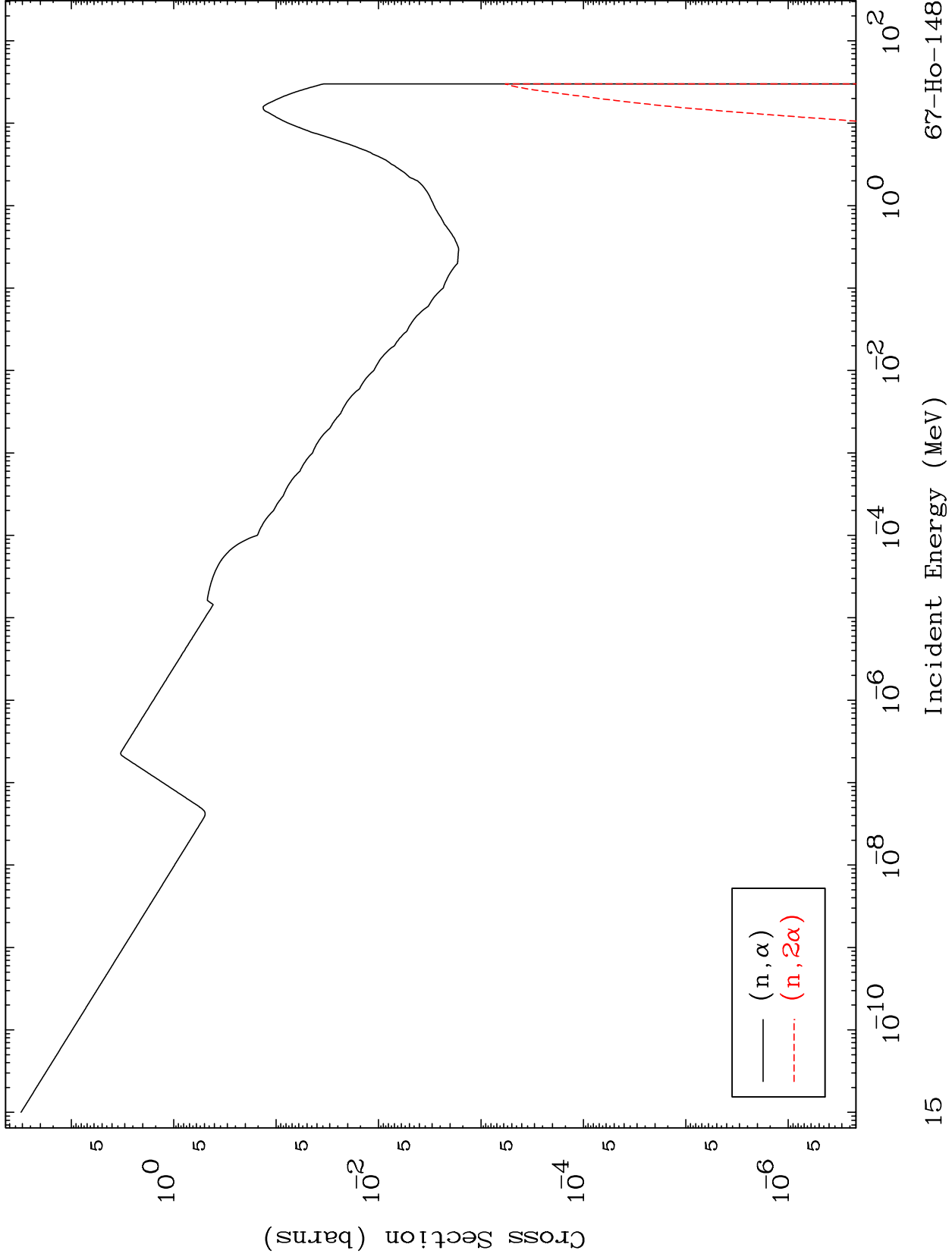
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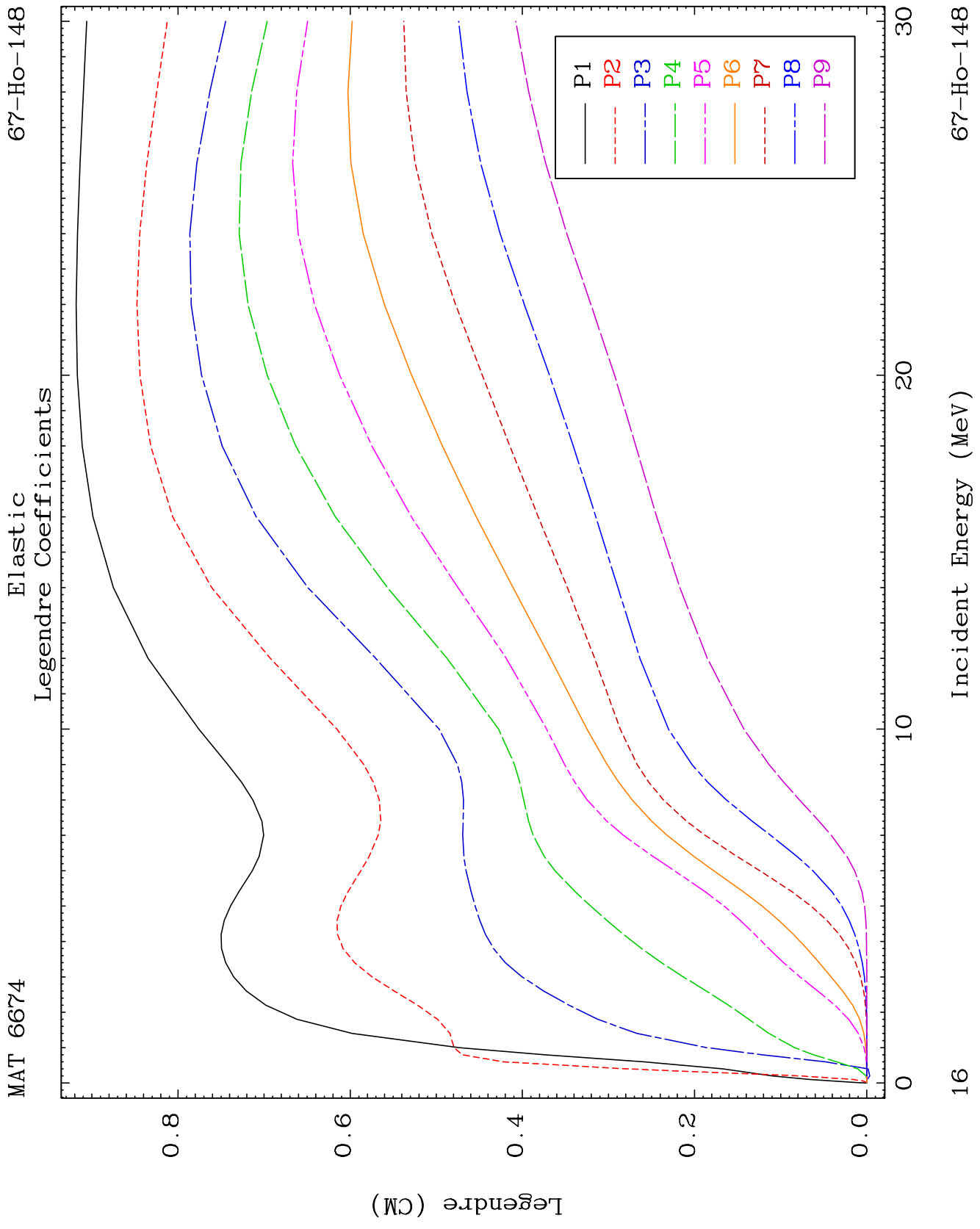
67-Ho-148

MAT 6674

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

67-Ho-148

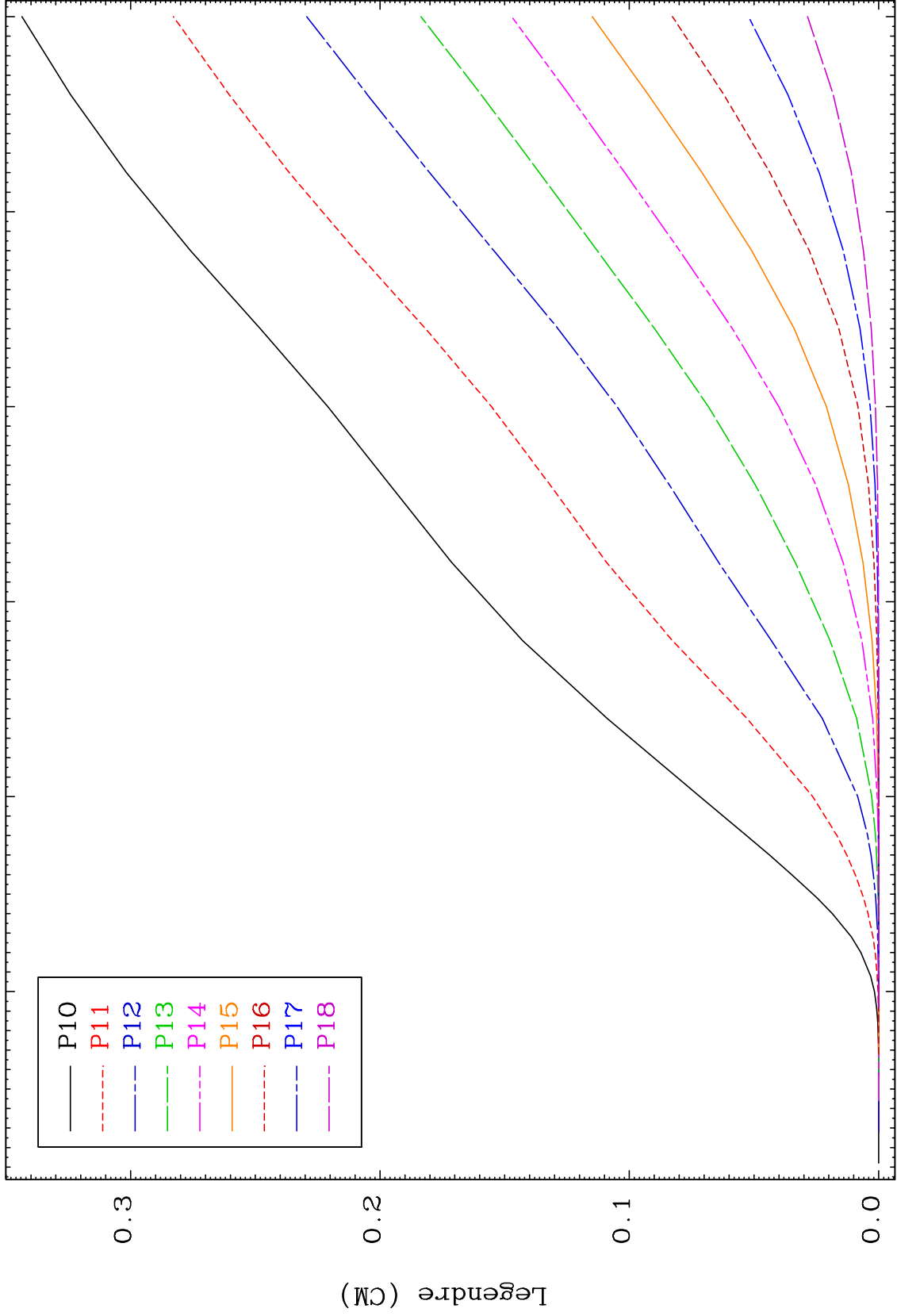




MAT 6674

Elastic  
Legendre Coefficients

67-Ho-148



17

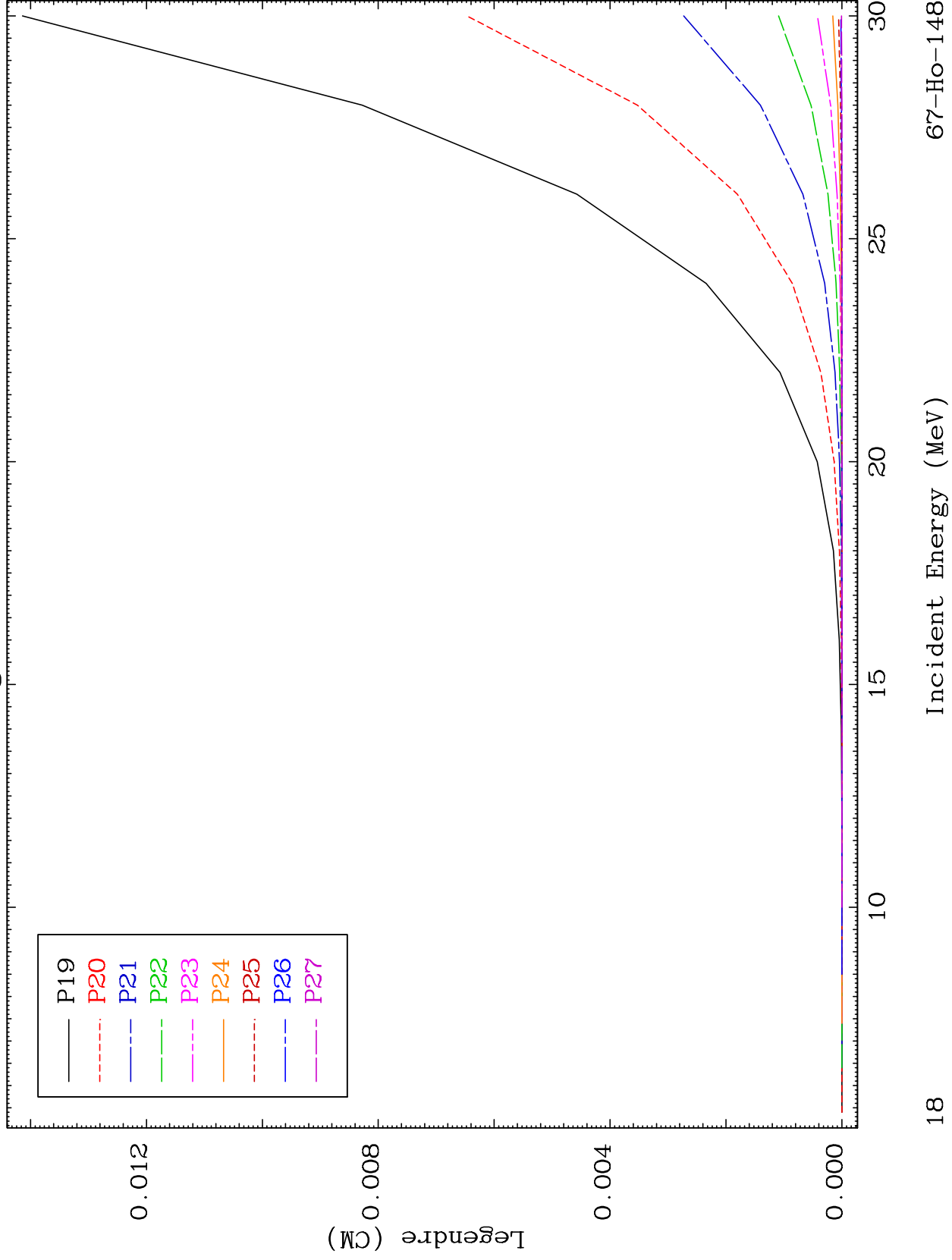
Incident Energy (MeV)

67-Ho-148

MAT 6674

### Elastic Legendre Coefficients

67-Ho-148



18

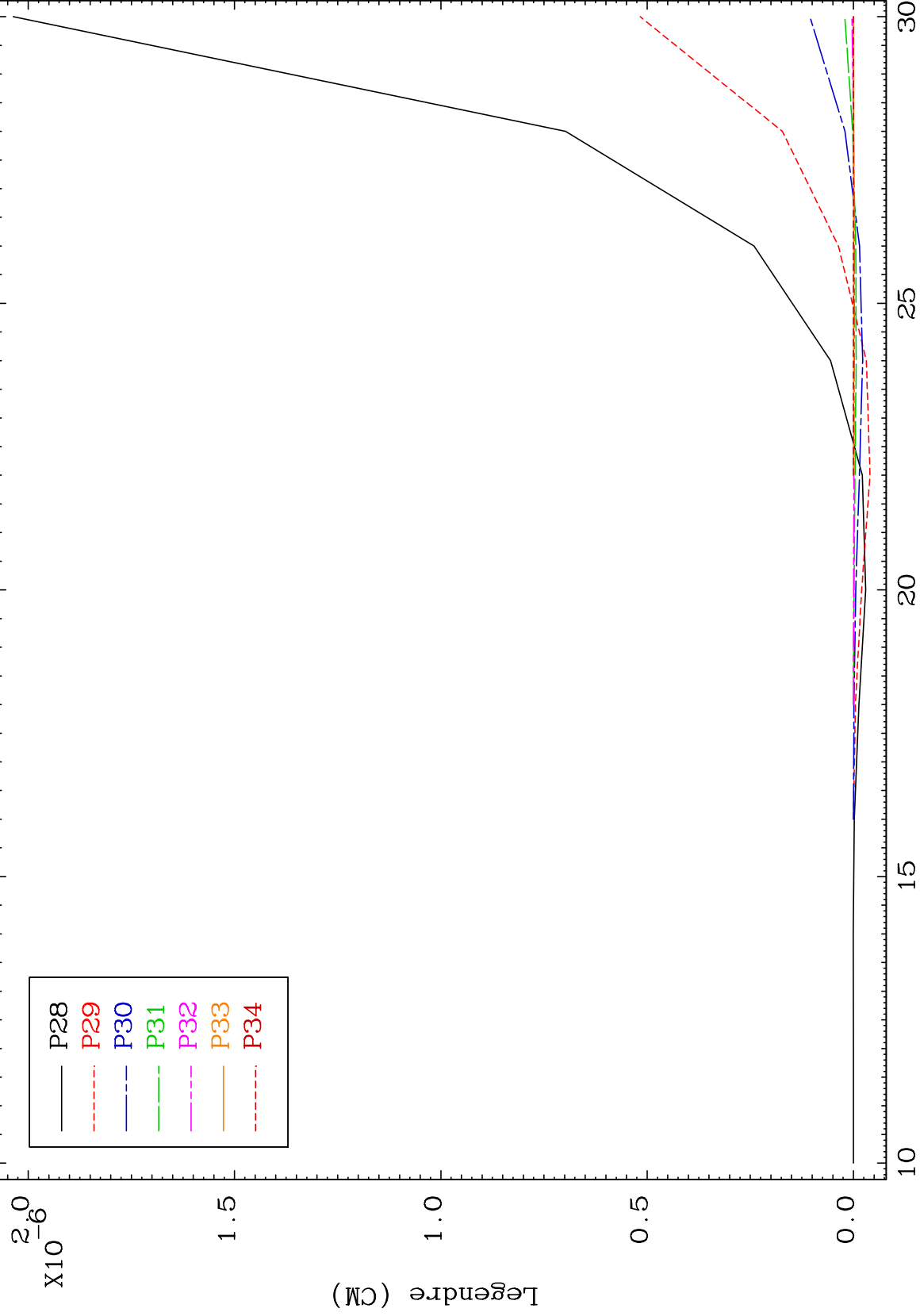
Incident Energy (MeV)

67-Ho-148

MAT 6674

Elastic Legendre Coefficients

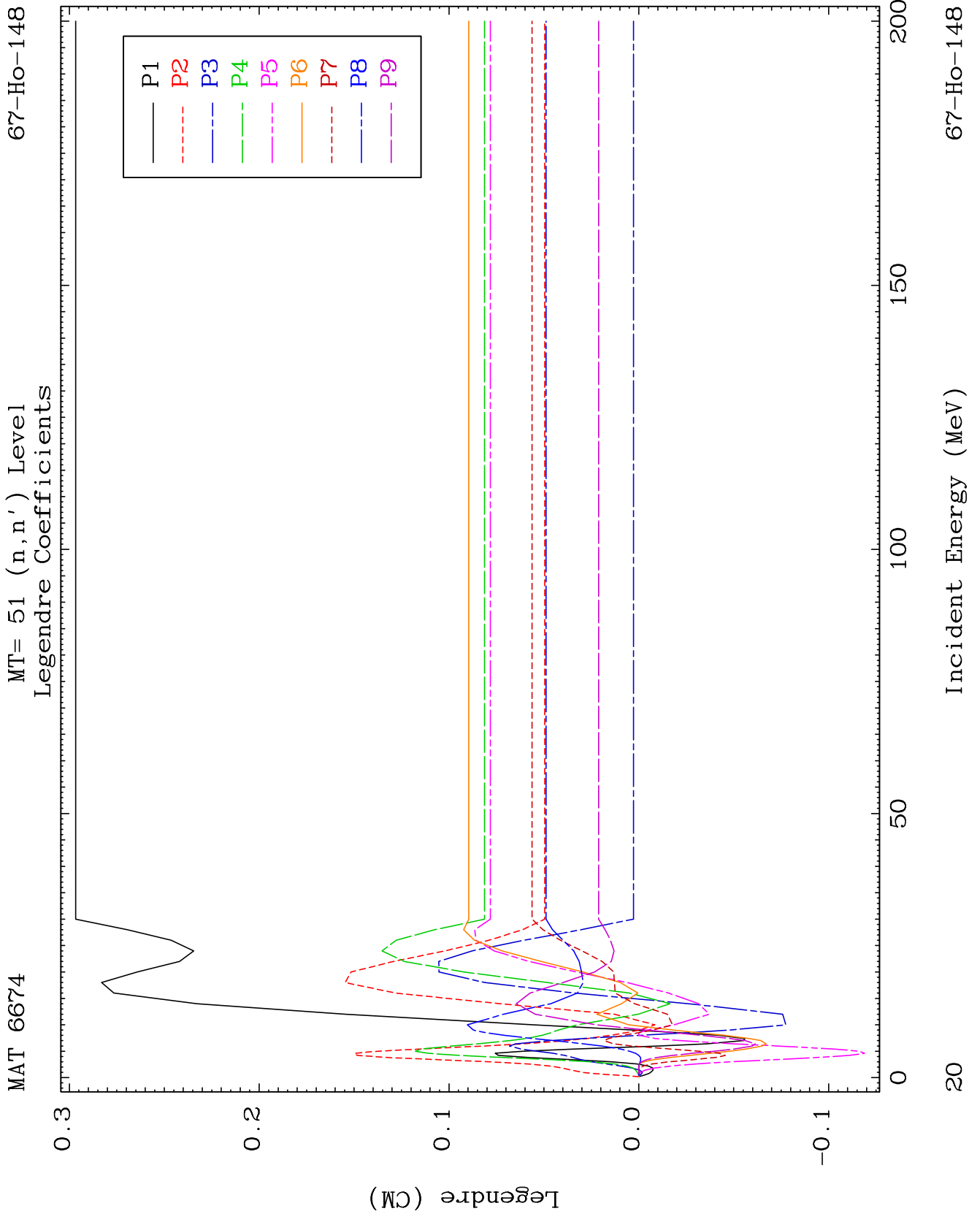
67-Ho-148



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Incident Energy (MeV)

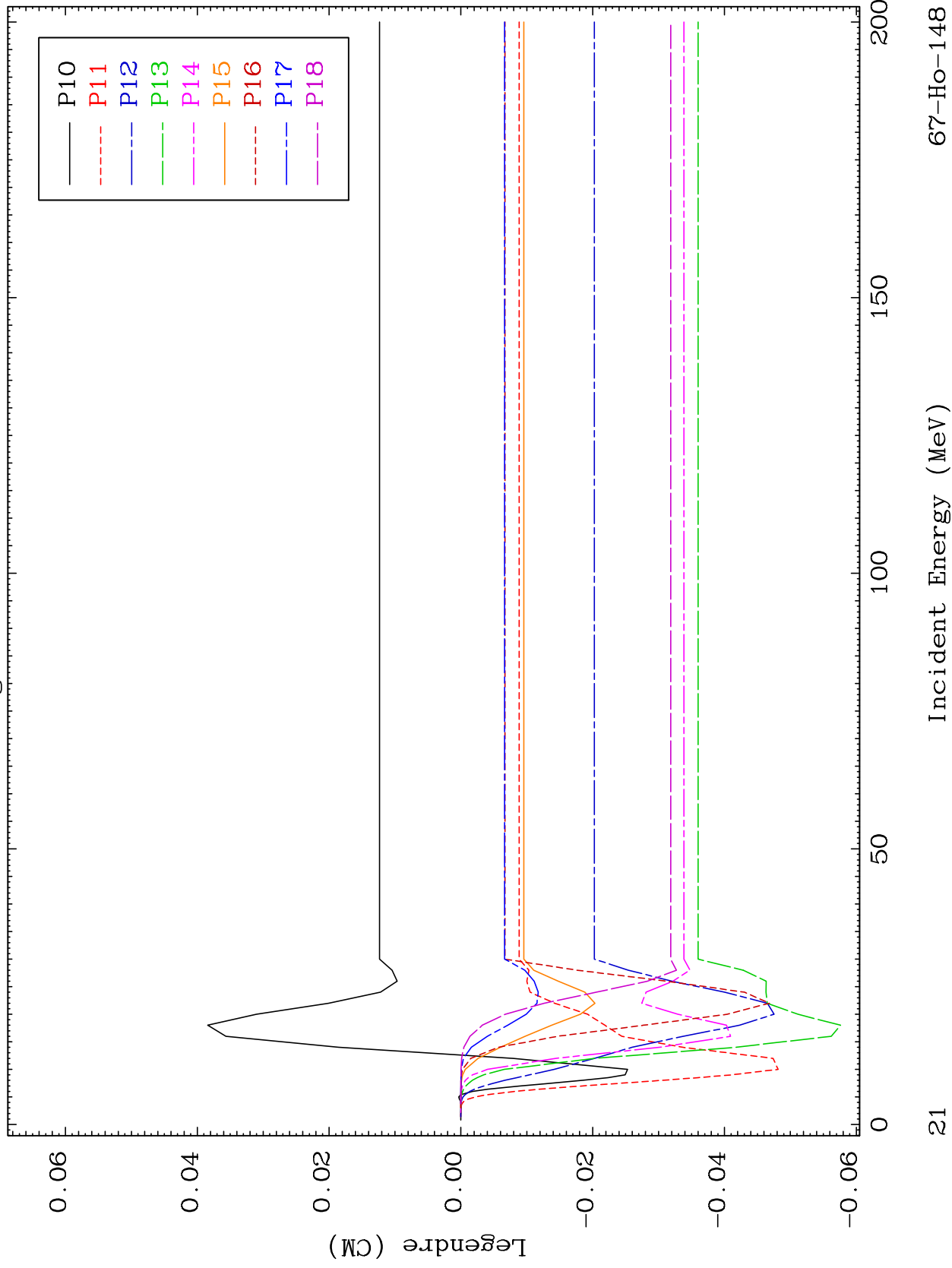
67-Ho-148



MAT 6674

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

67-Ho-148



21

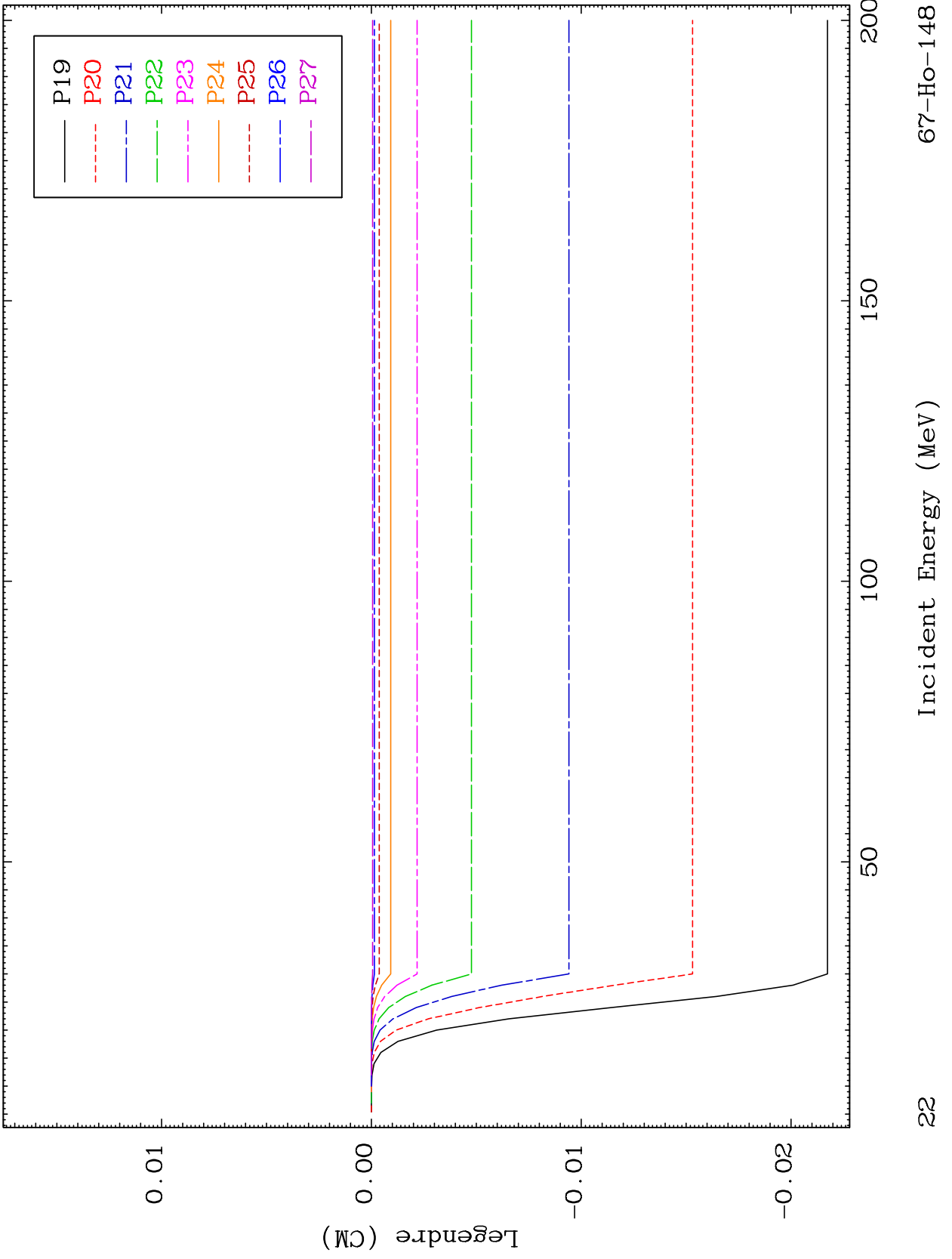
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

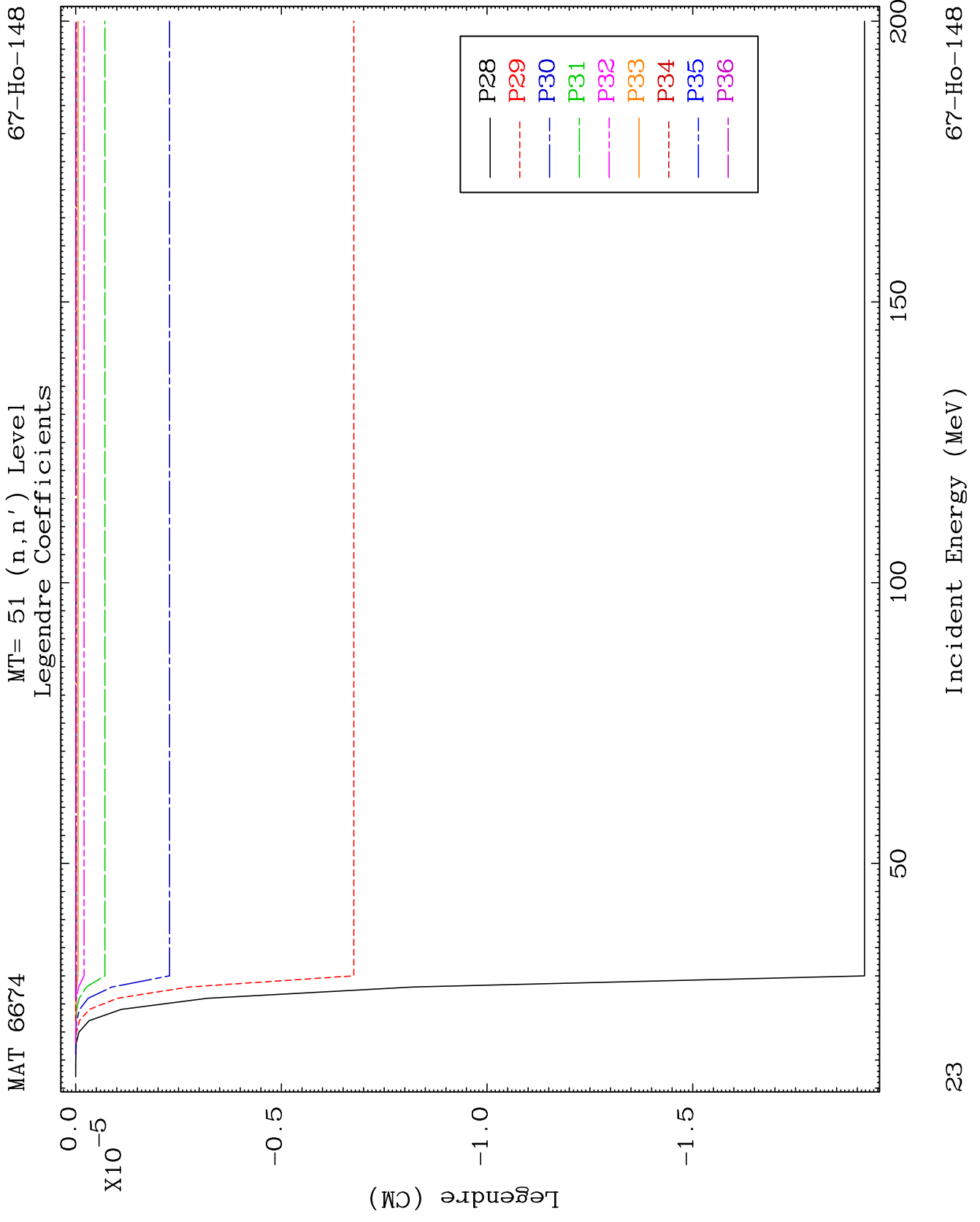
67-Ho-148



22

Incident Energy (MeV)

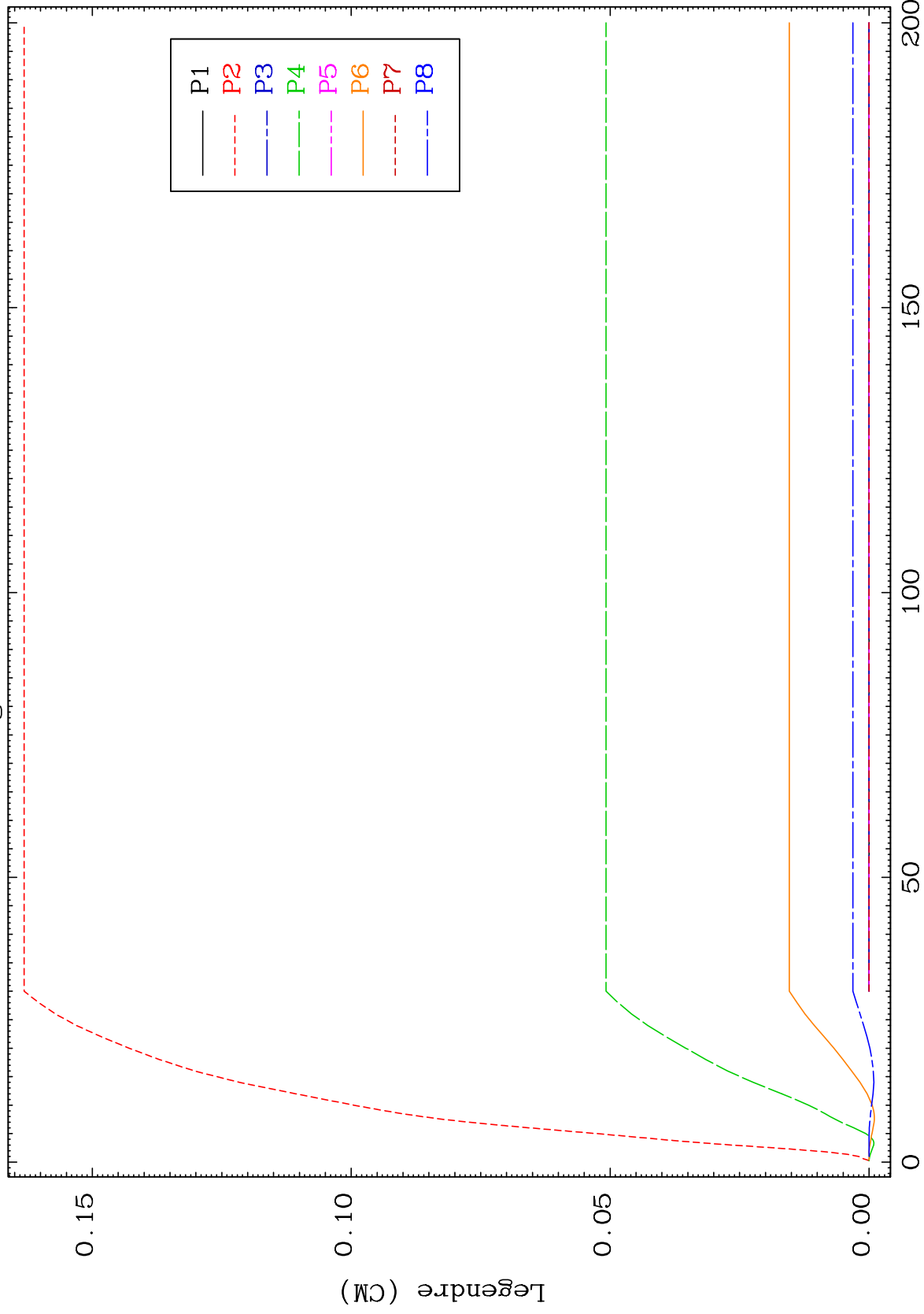
67-Ho-148



MAT 6674

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

67-Ho-148



24

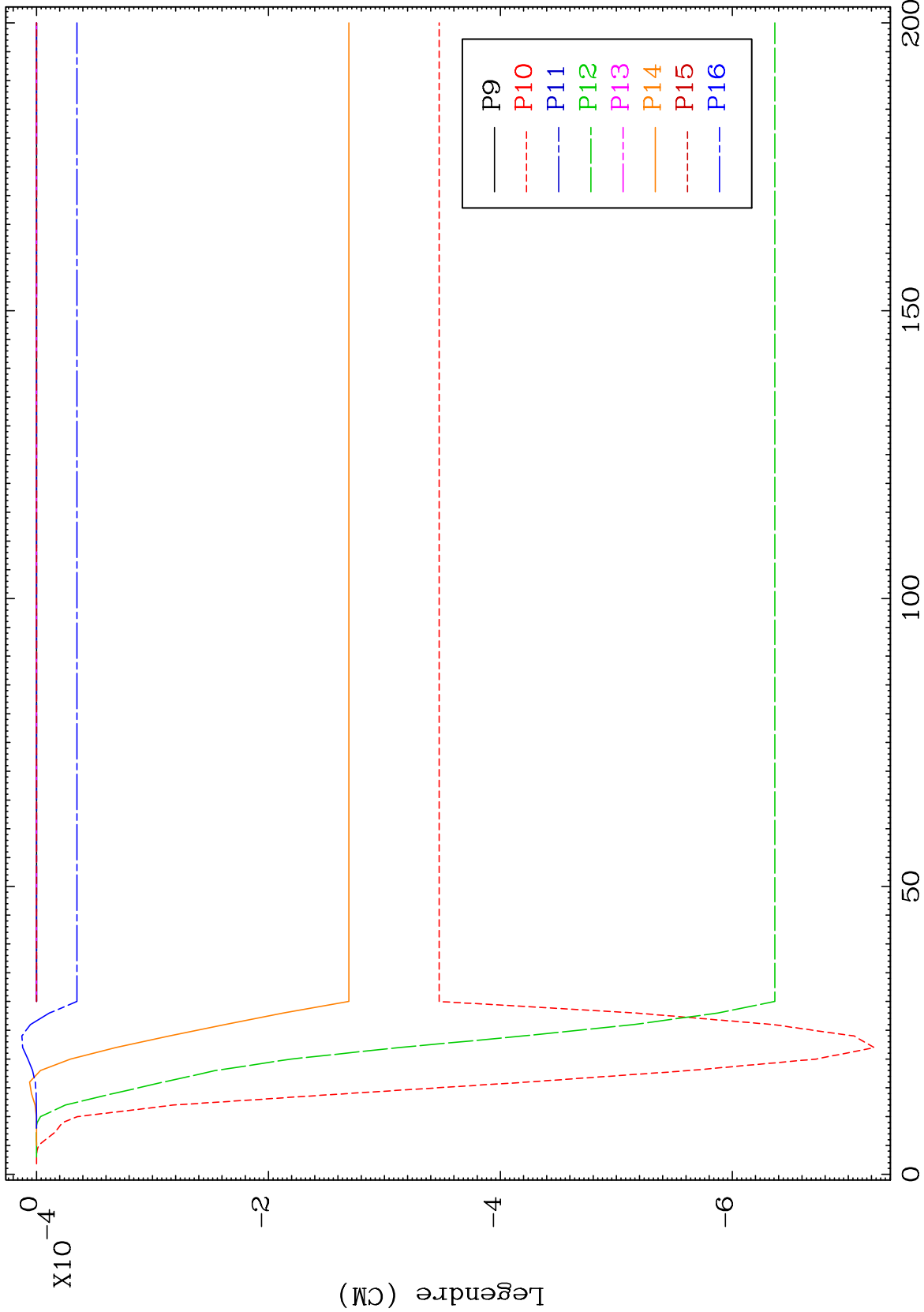
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



25

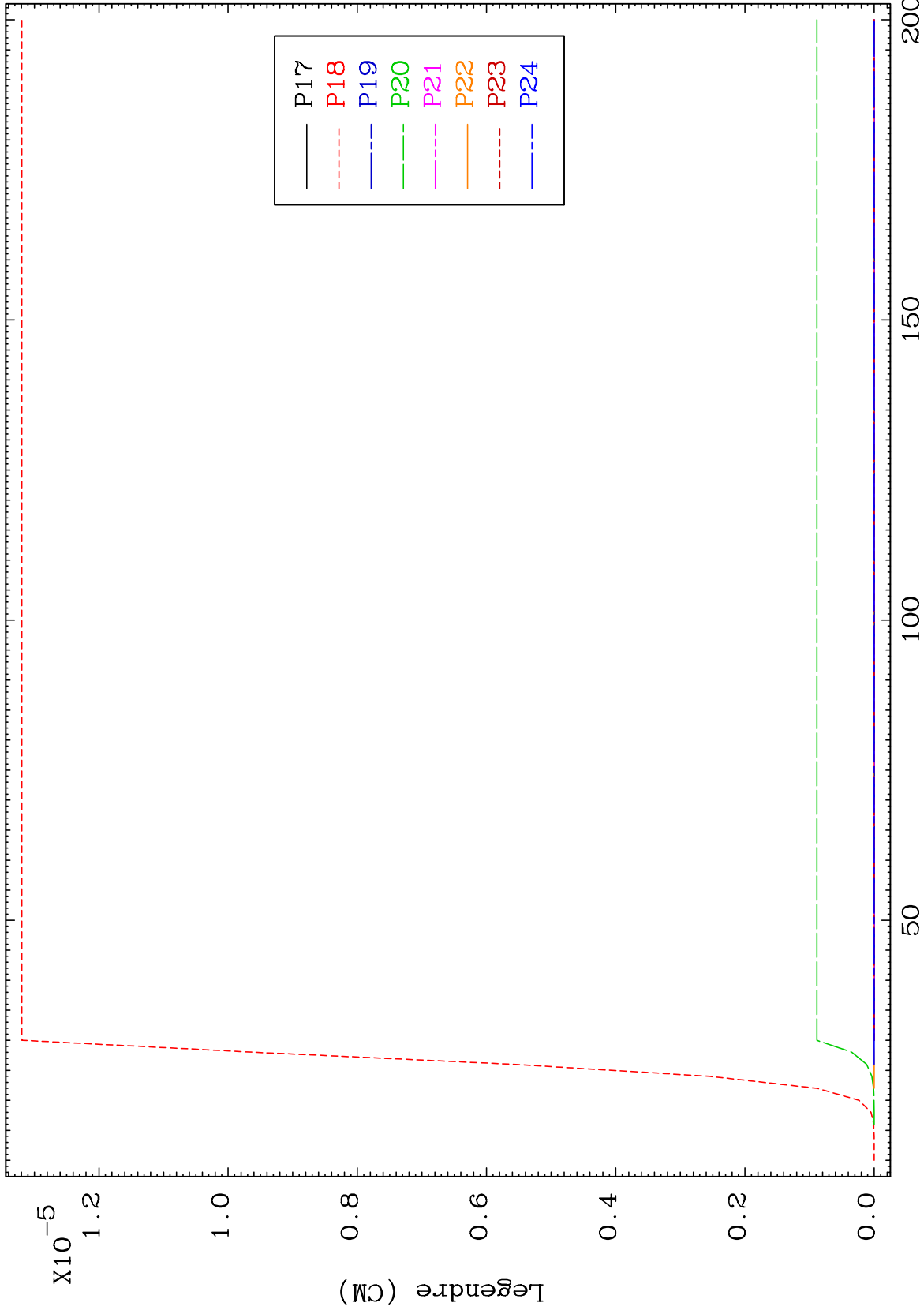
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



26

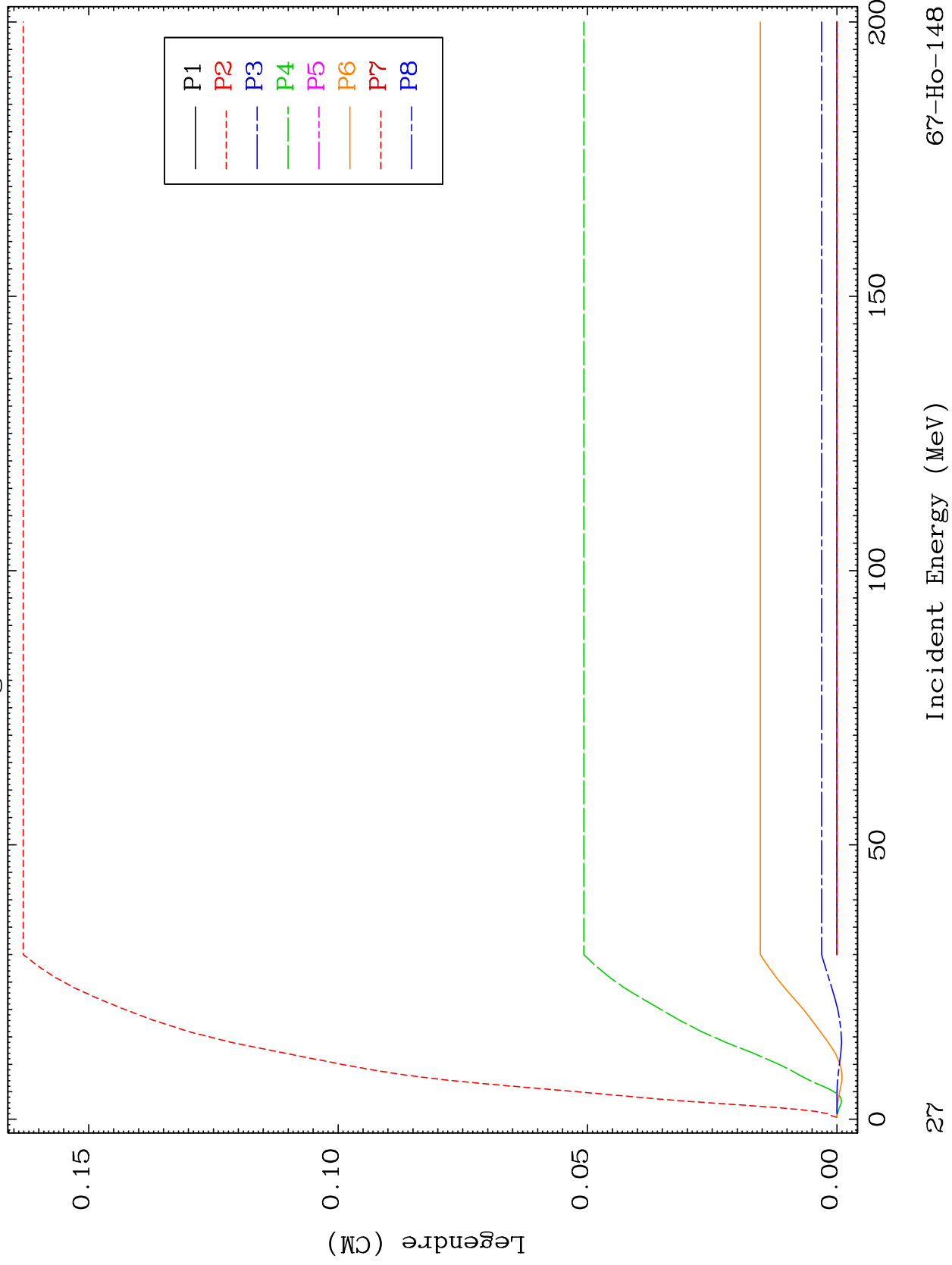
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



27

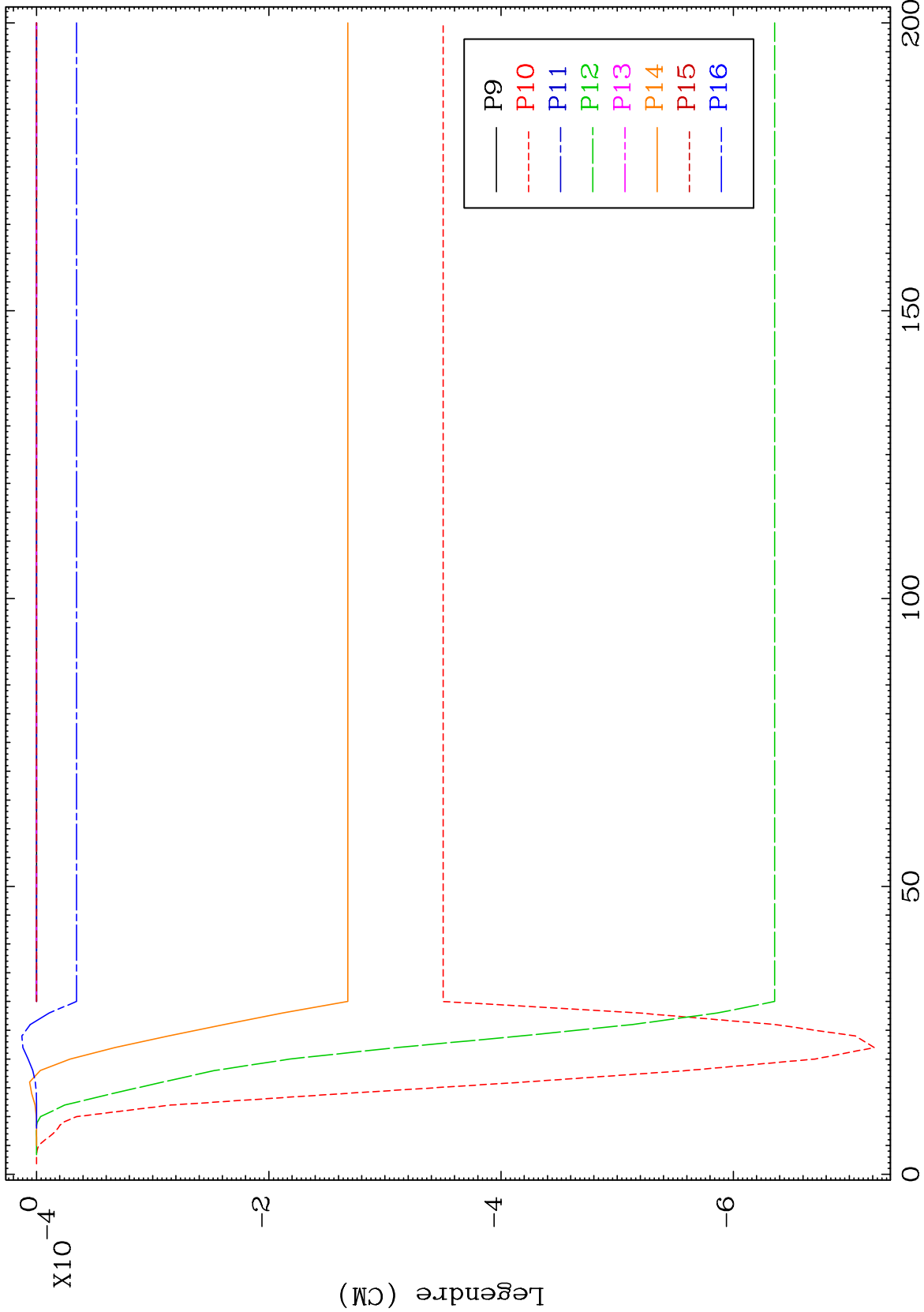
67-Ho-148

MAT 6674

MT= 53 (n,n') Level

67-Ho-148

Legendre Coefficients



28

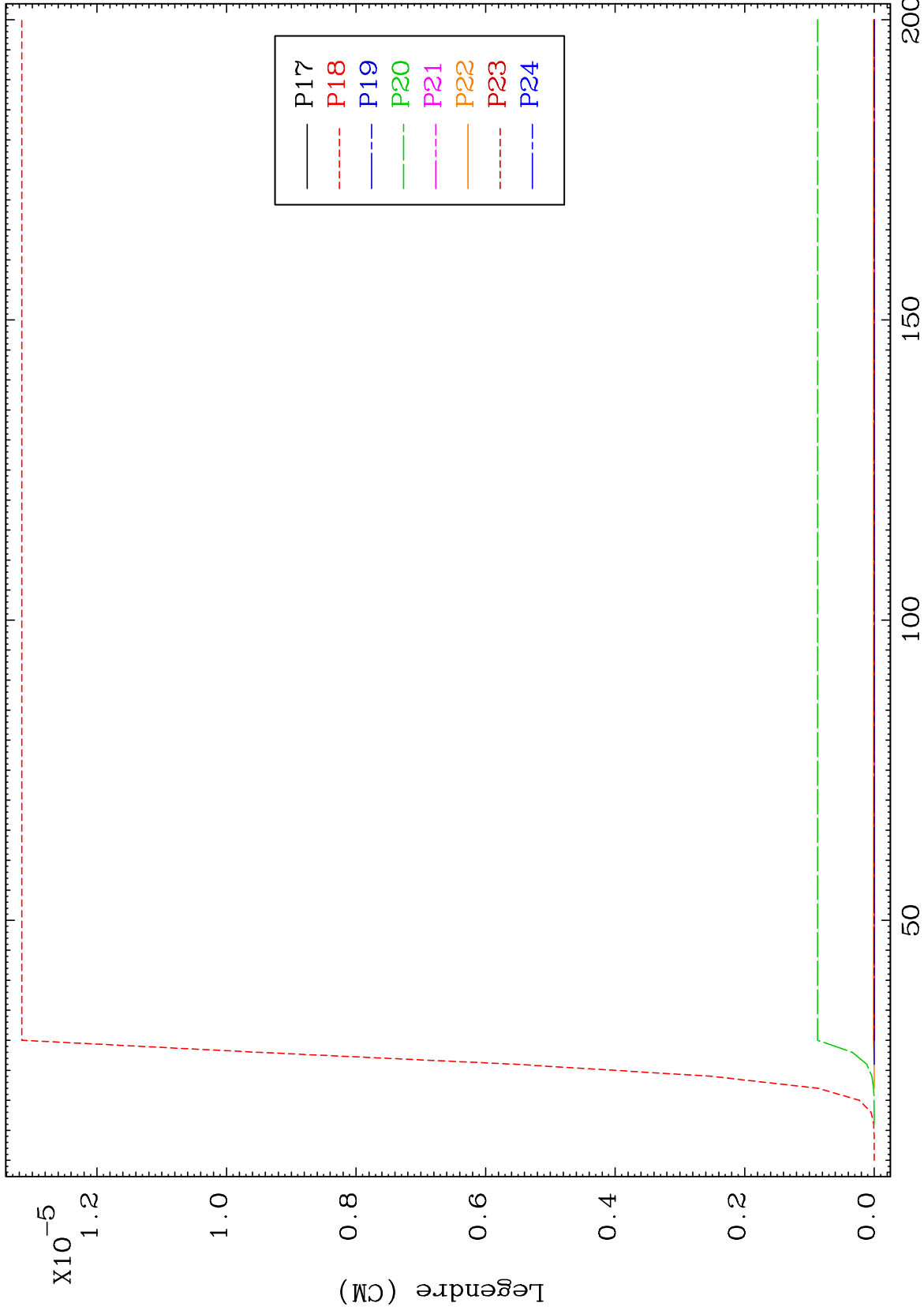
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



29

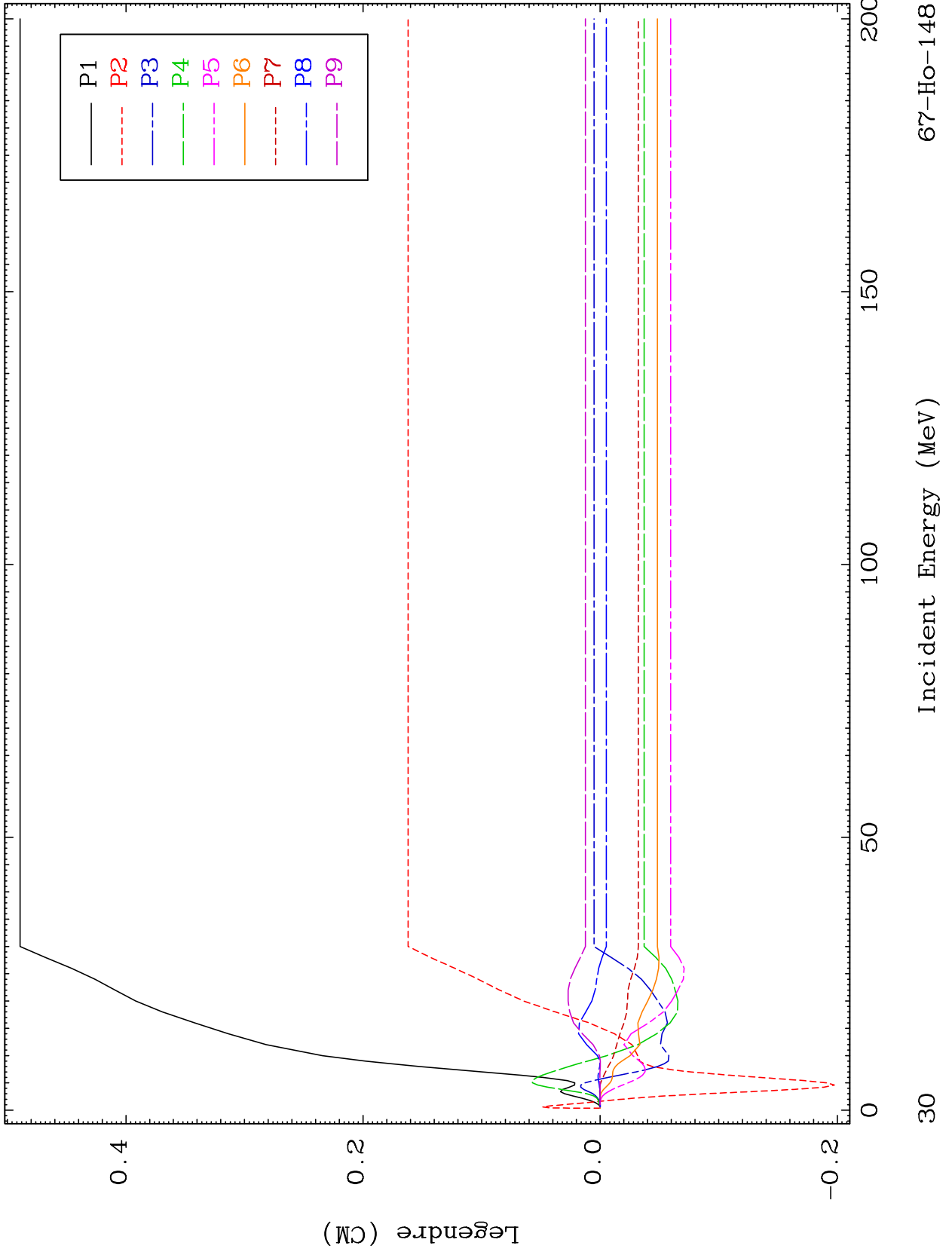
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



67-Ho-148

Incident Energy (MeV)

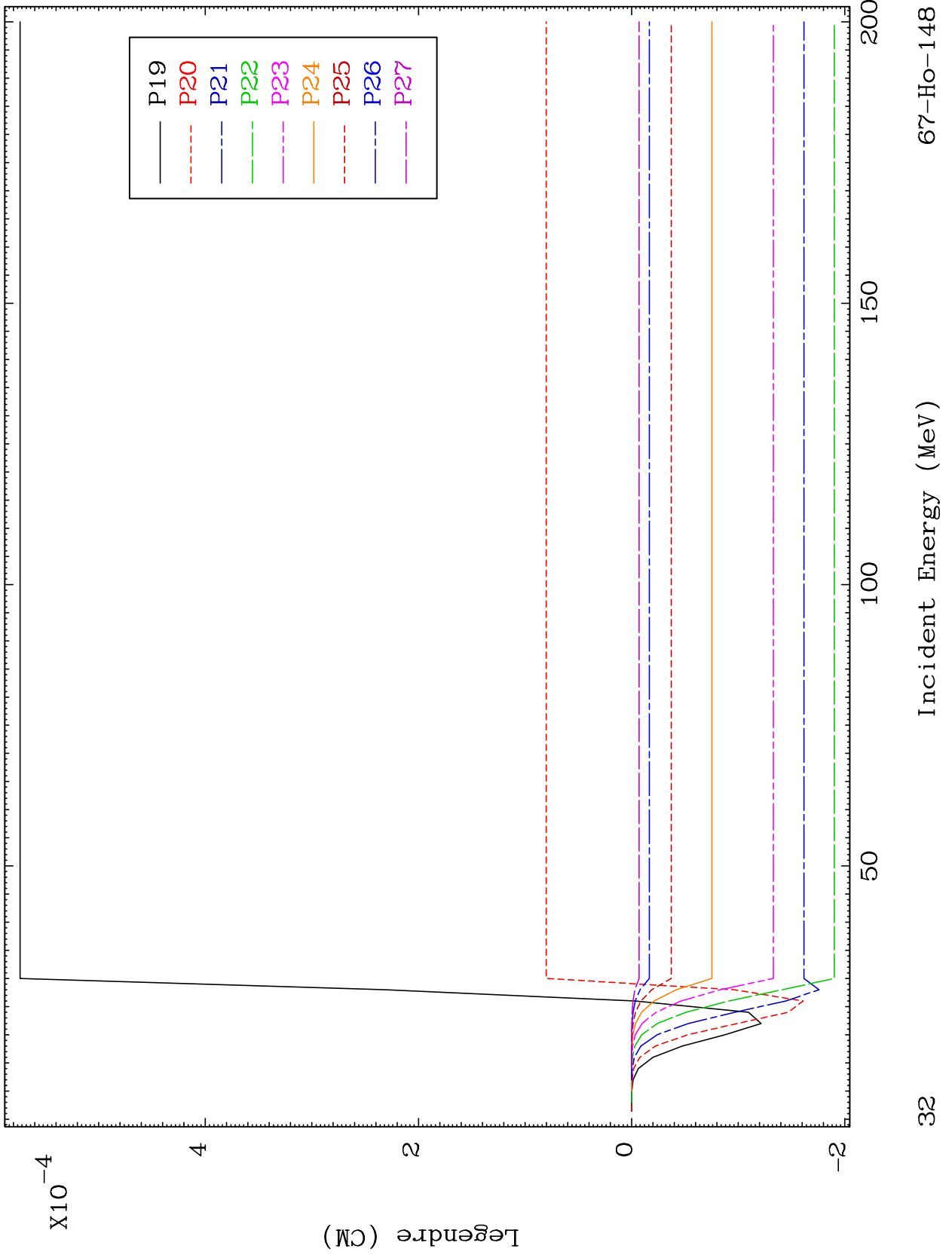
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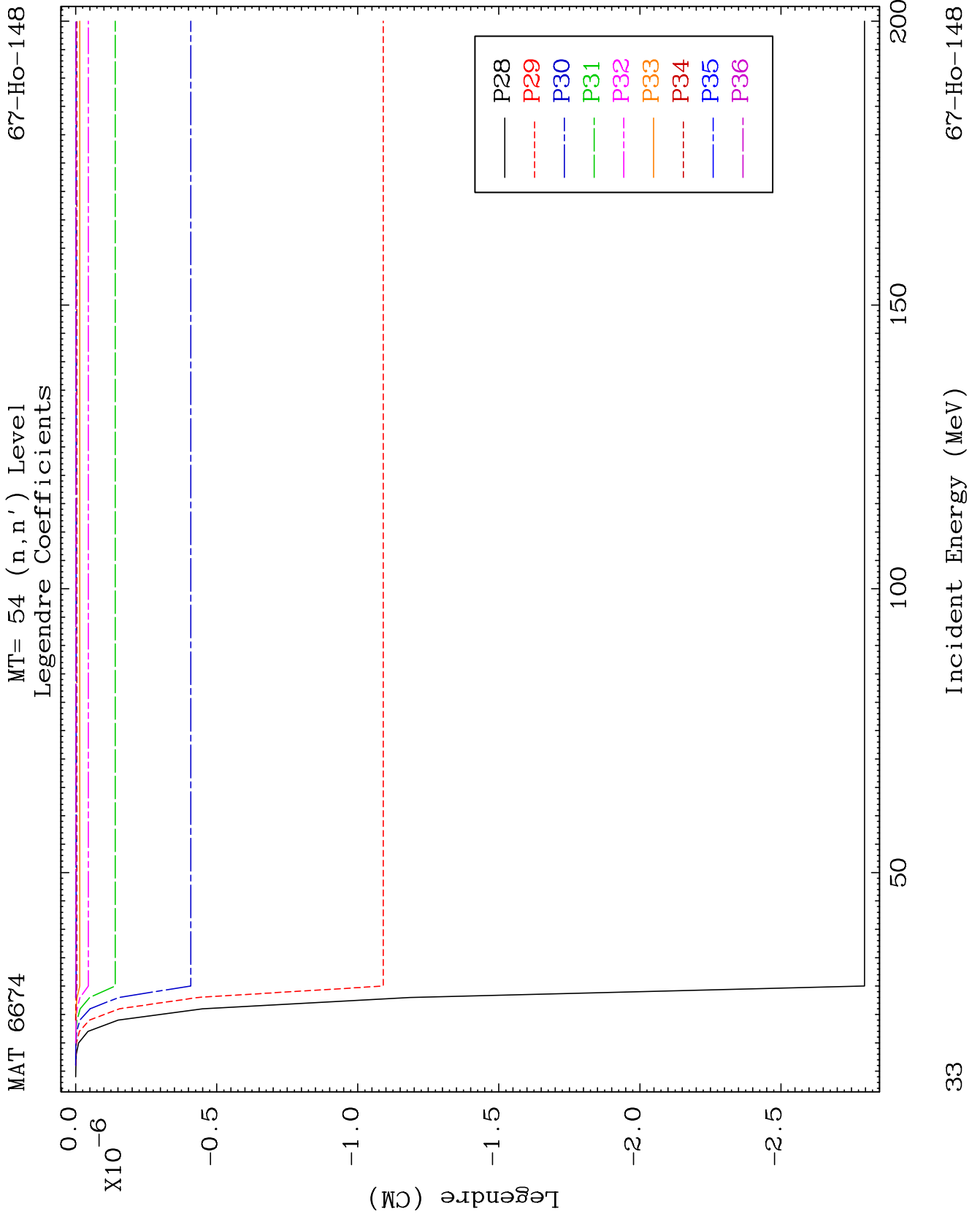


MAT 6674

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

67-Ho-148

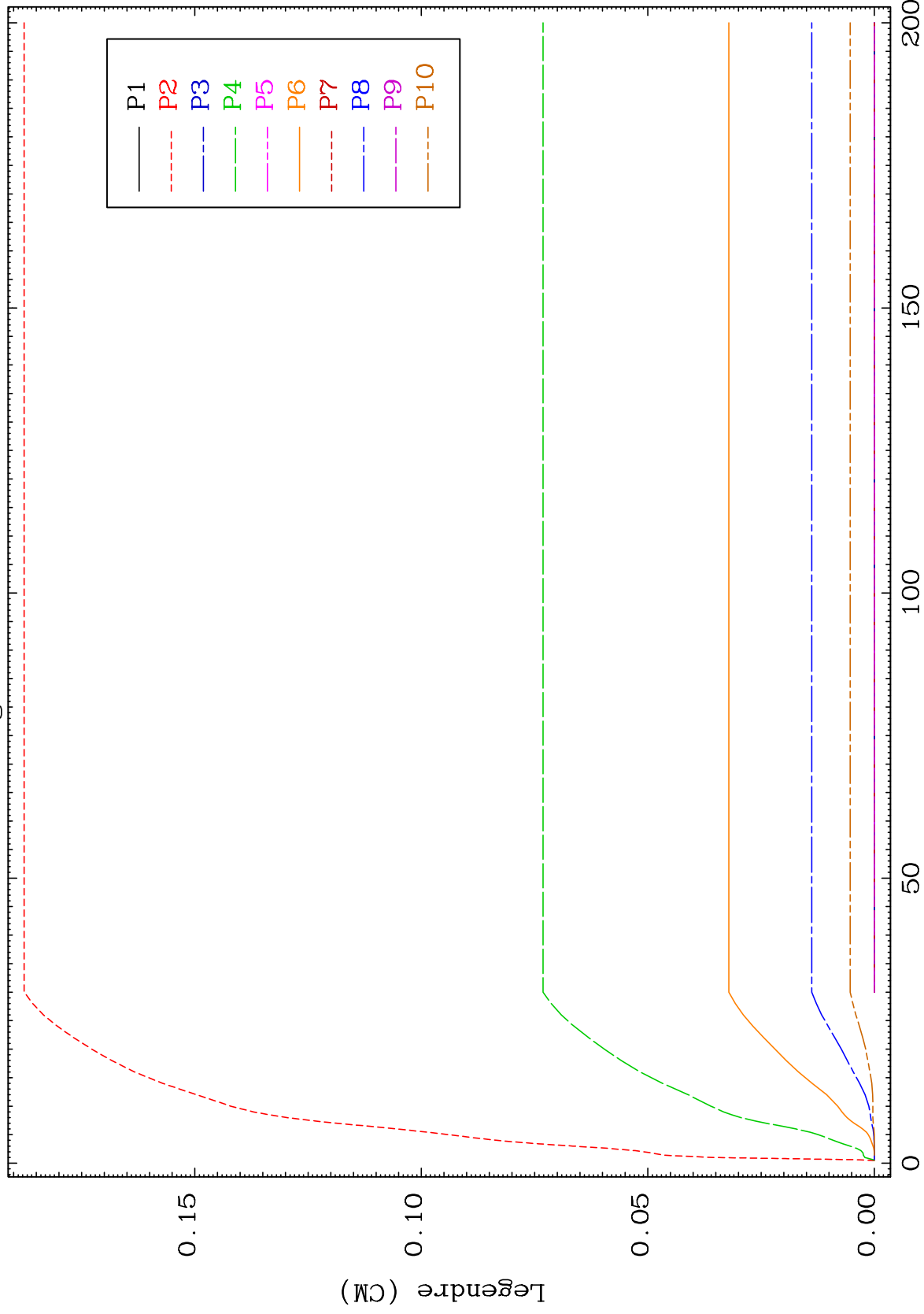




MAT 6674

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

67-Ho-148



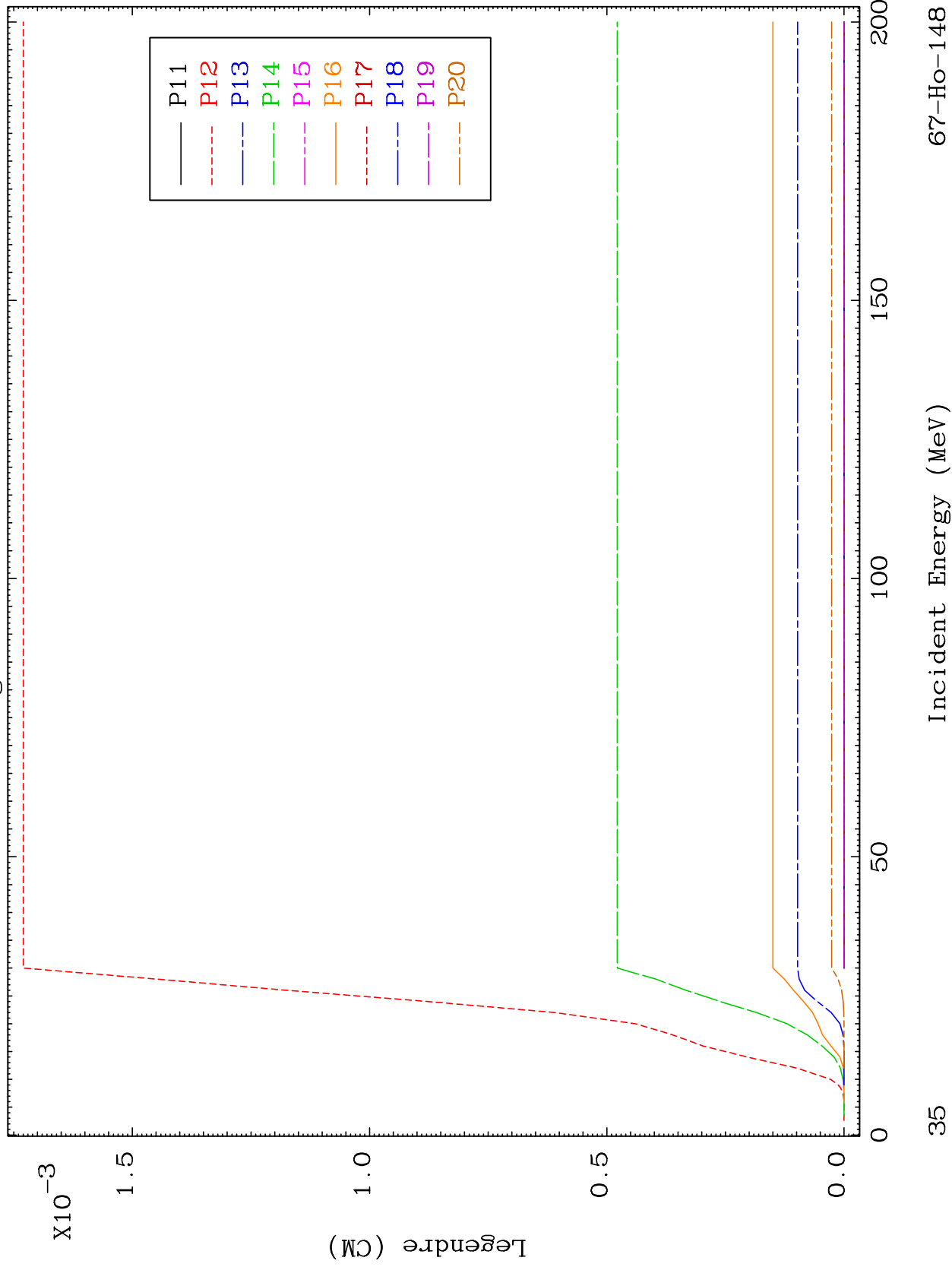
34

67-Ho-148

MAT 6674

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

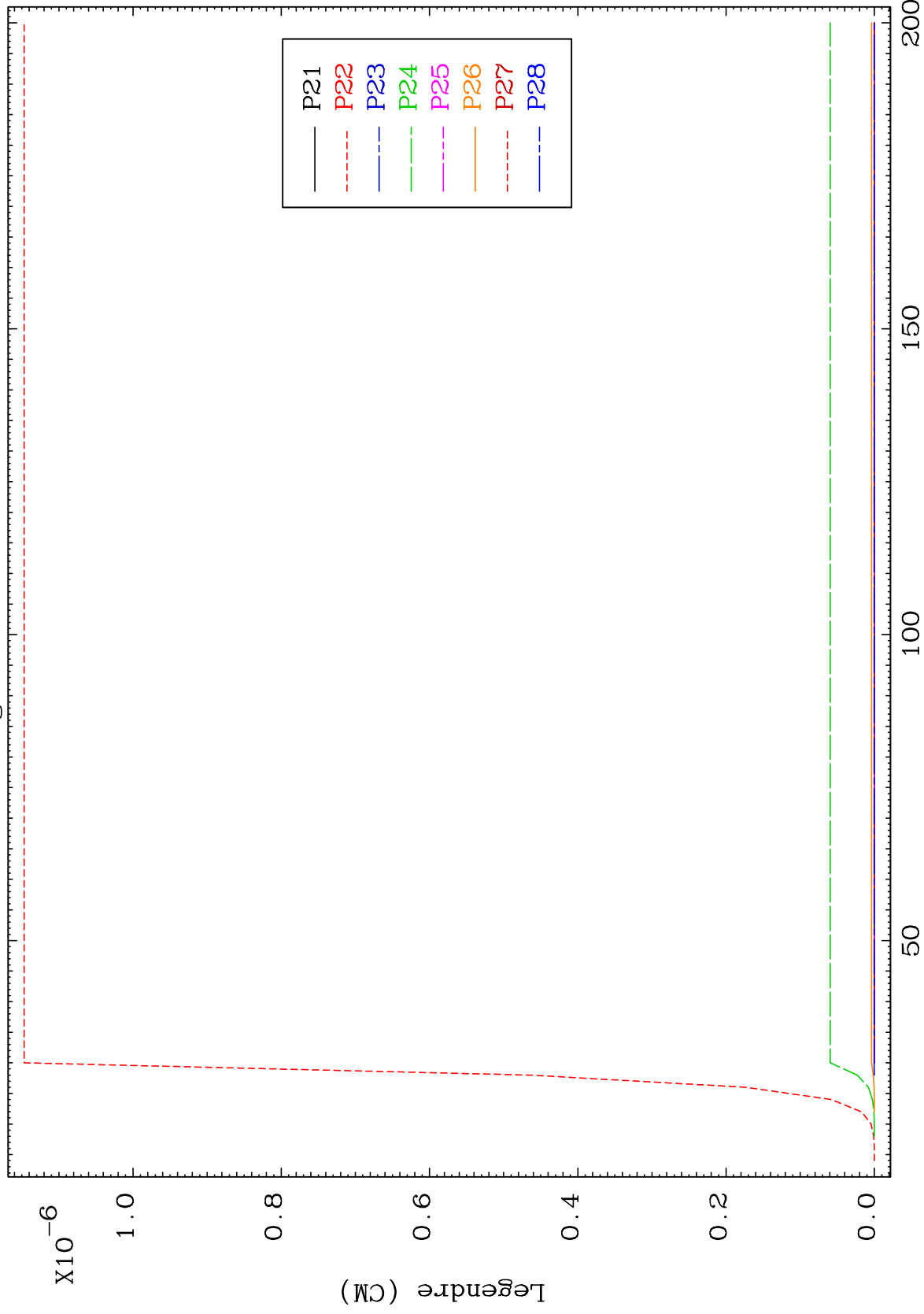
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MAT 6674

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

67-Ho-148



36

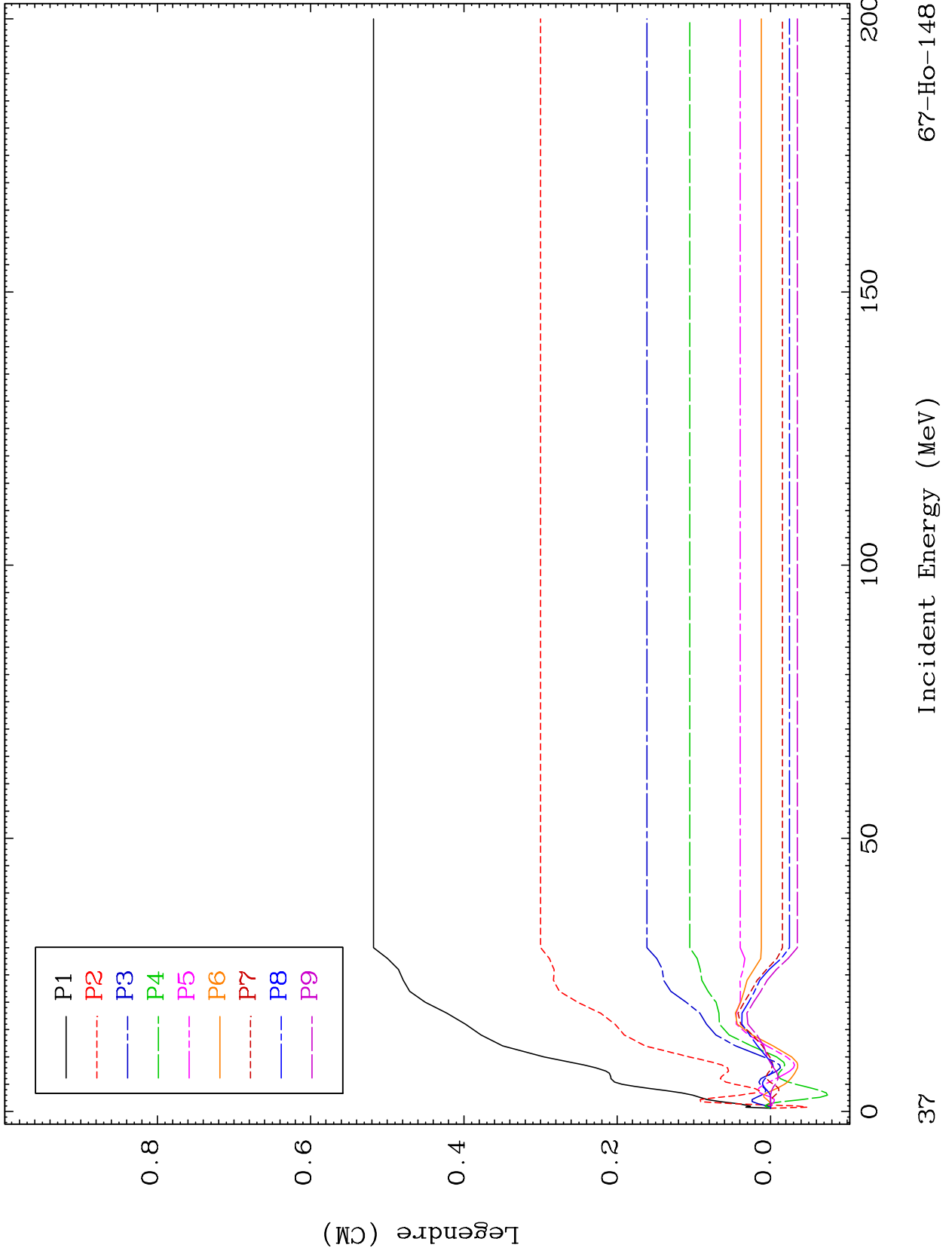
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



37

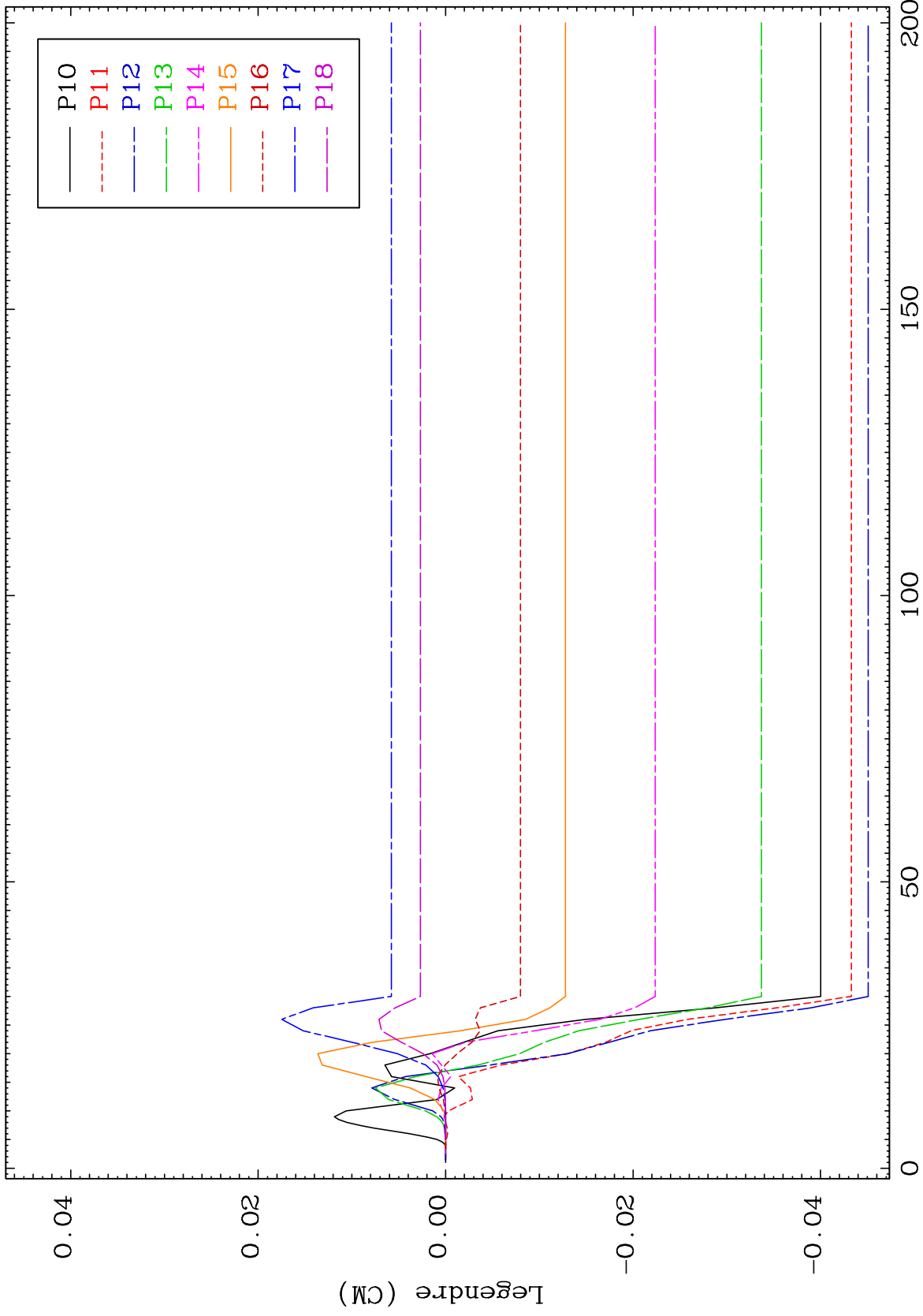
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



38

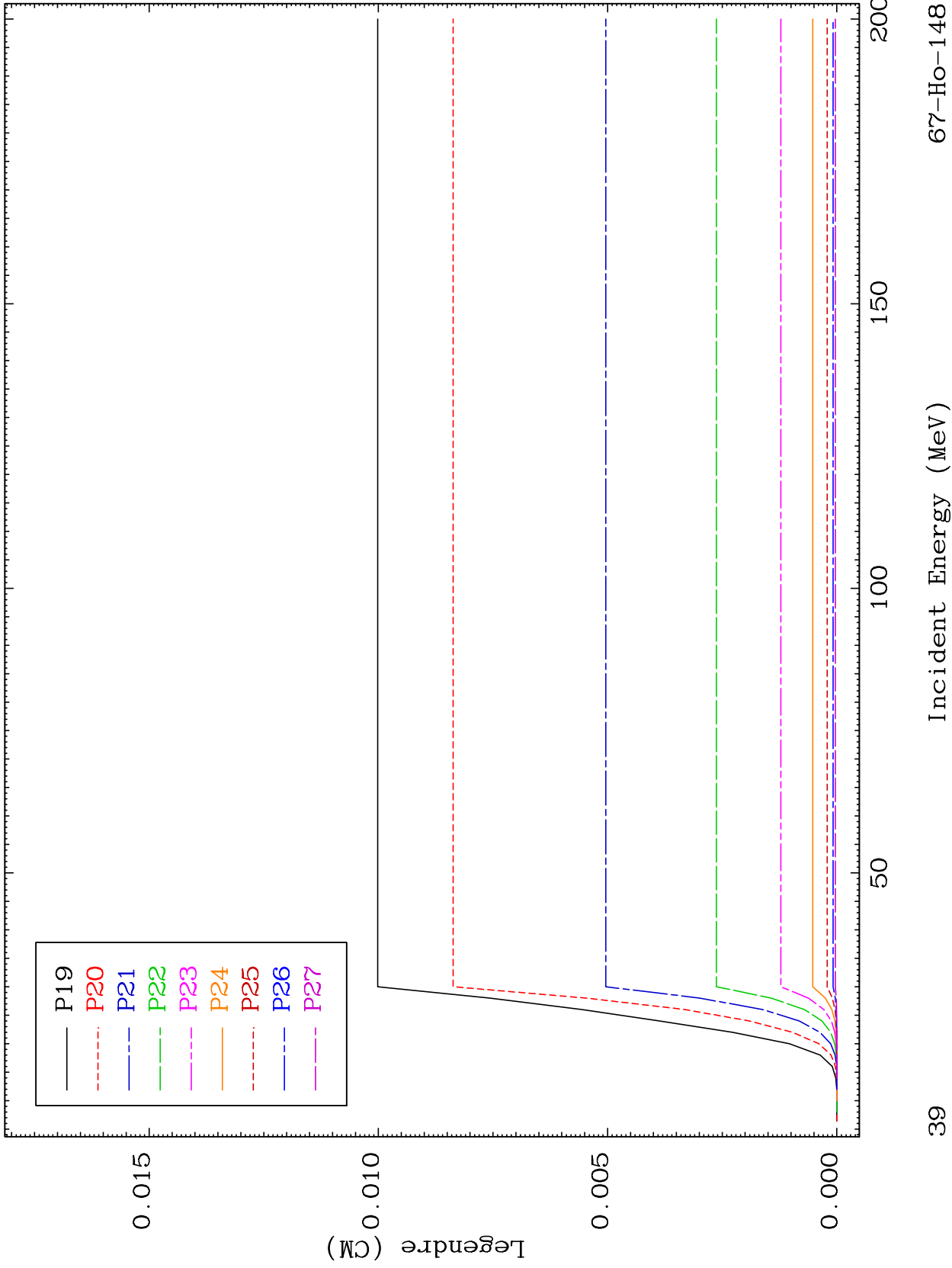
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



39

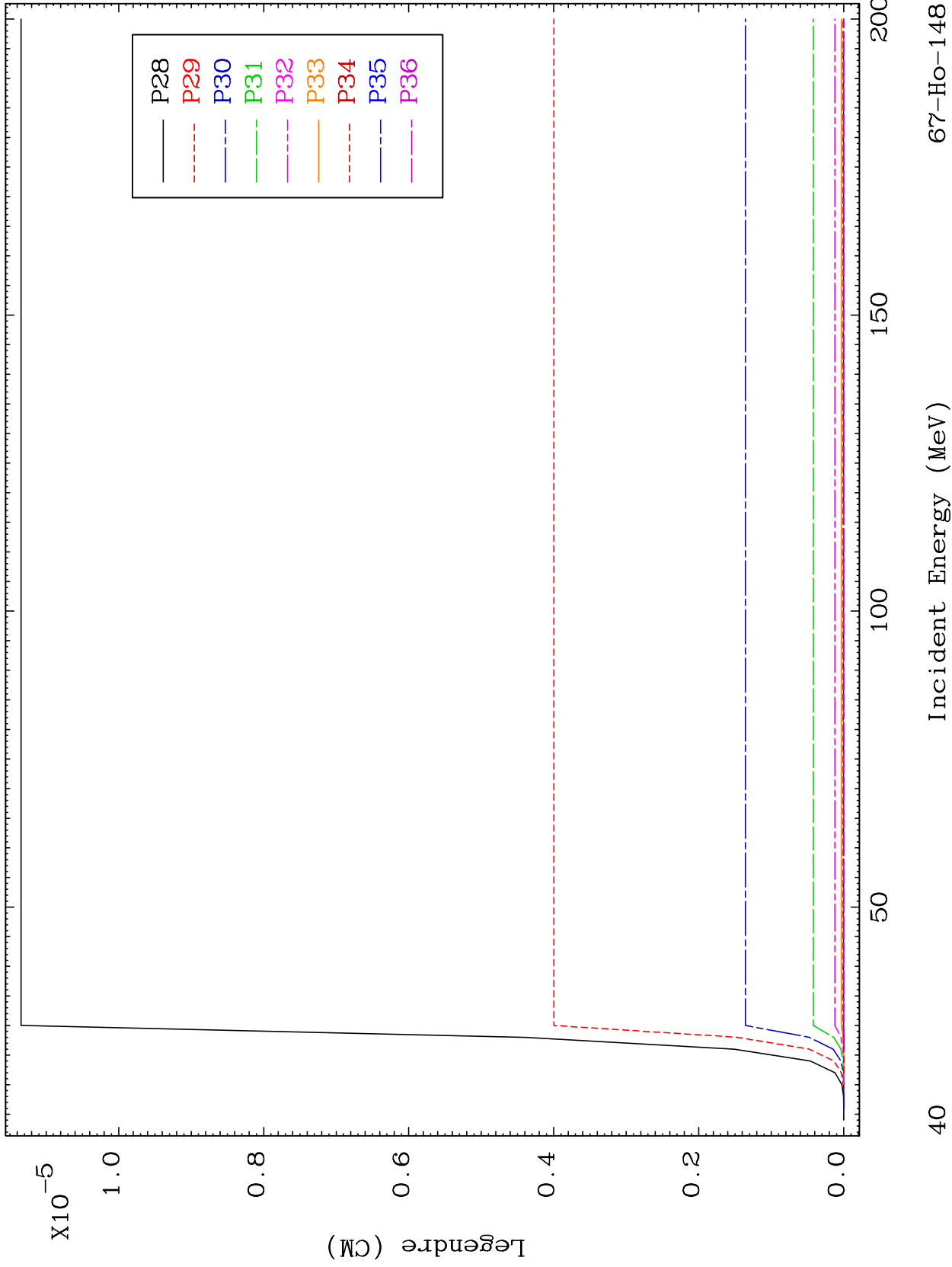
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

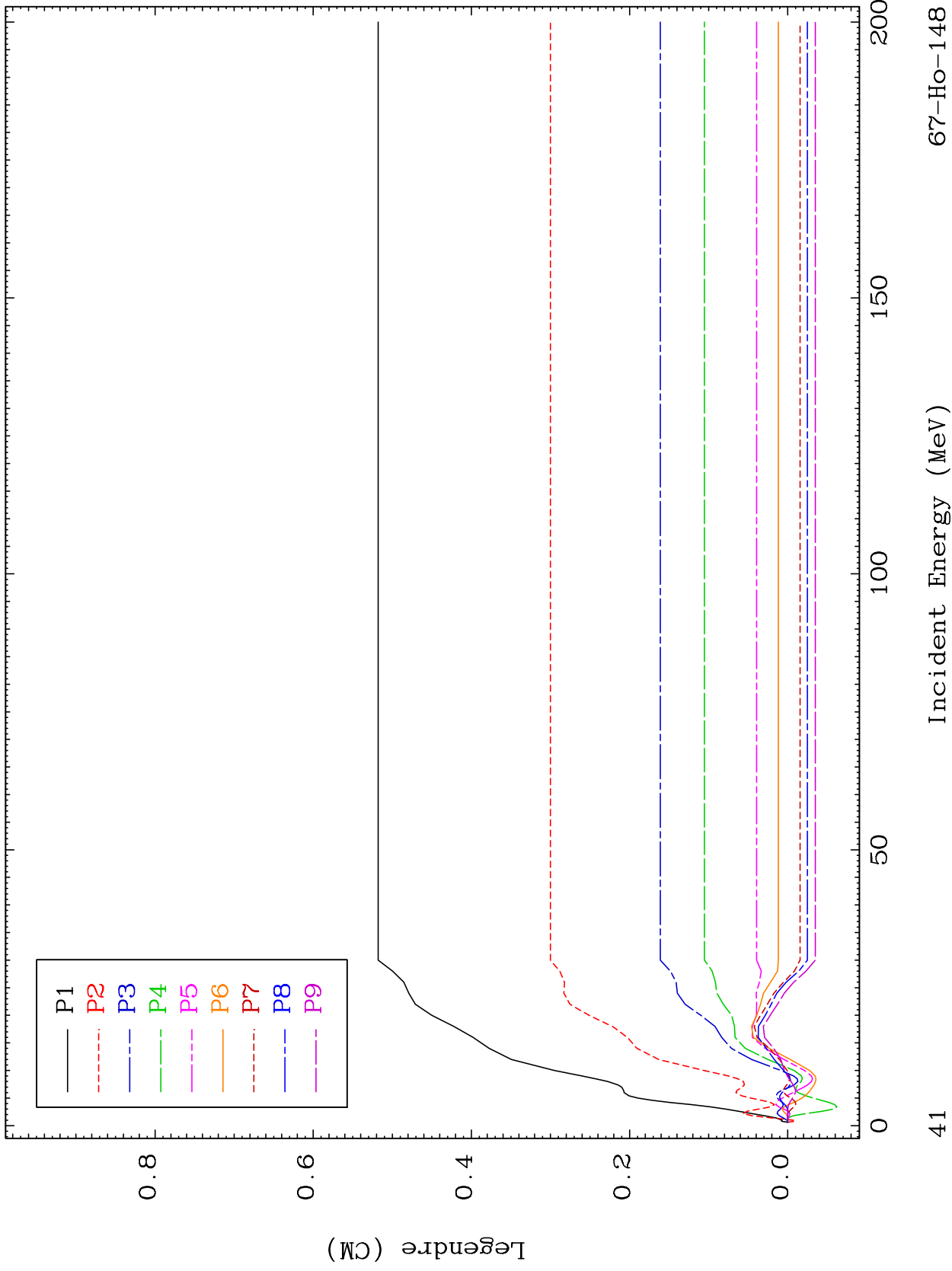
67-Ho-148



MAT 6674

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

67-Ho-148



41

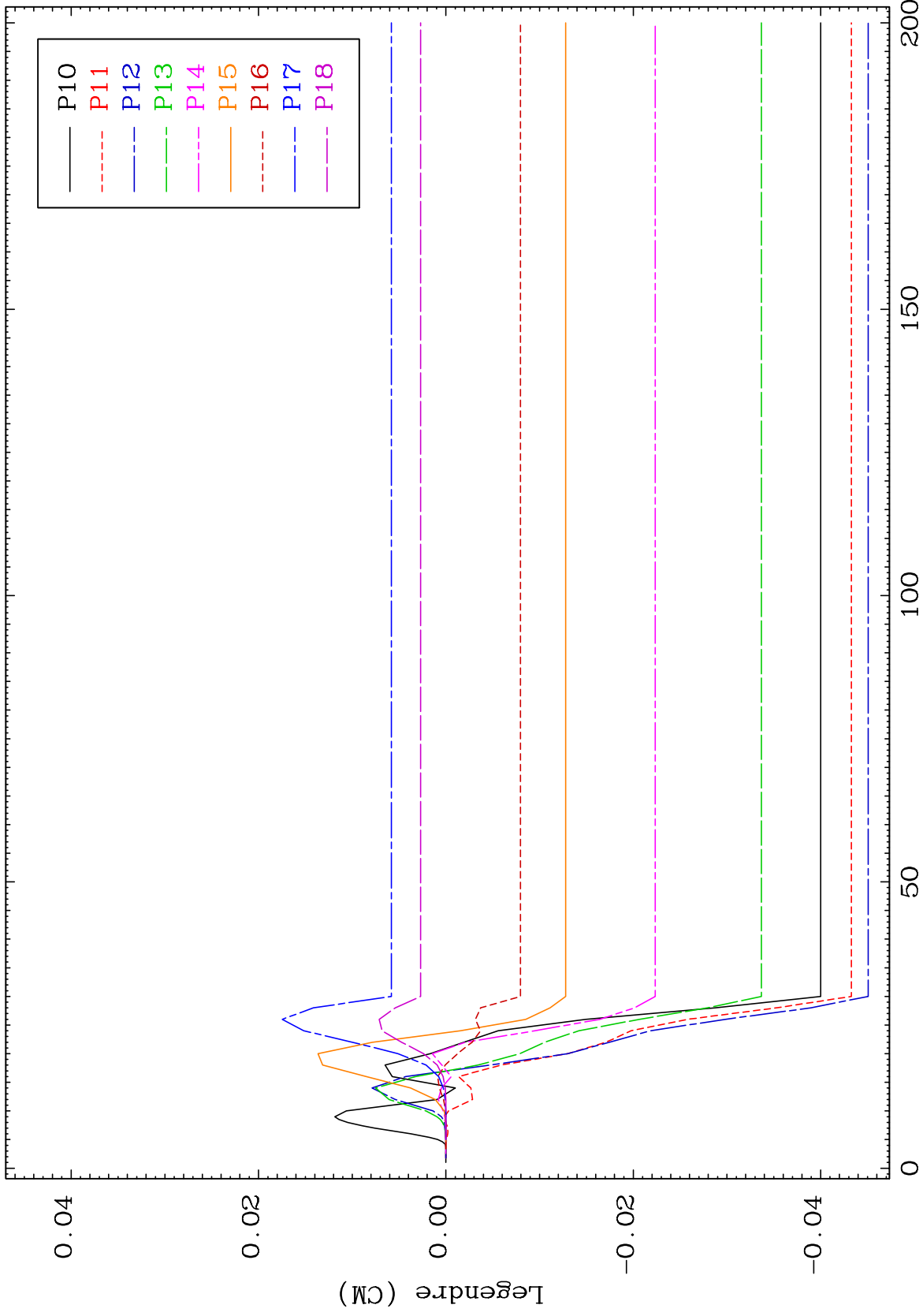
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



42

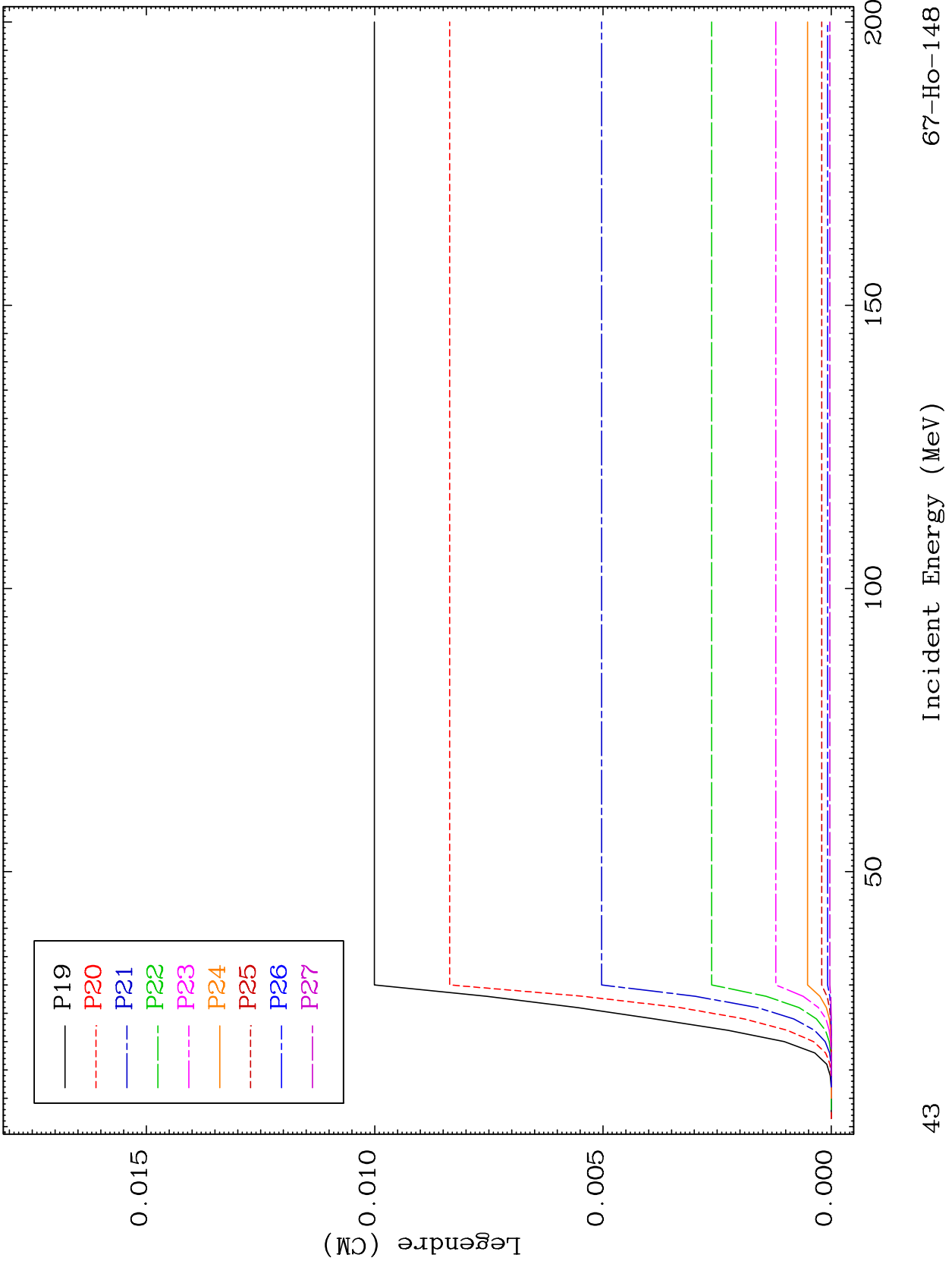
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

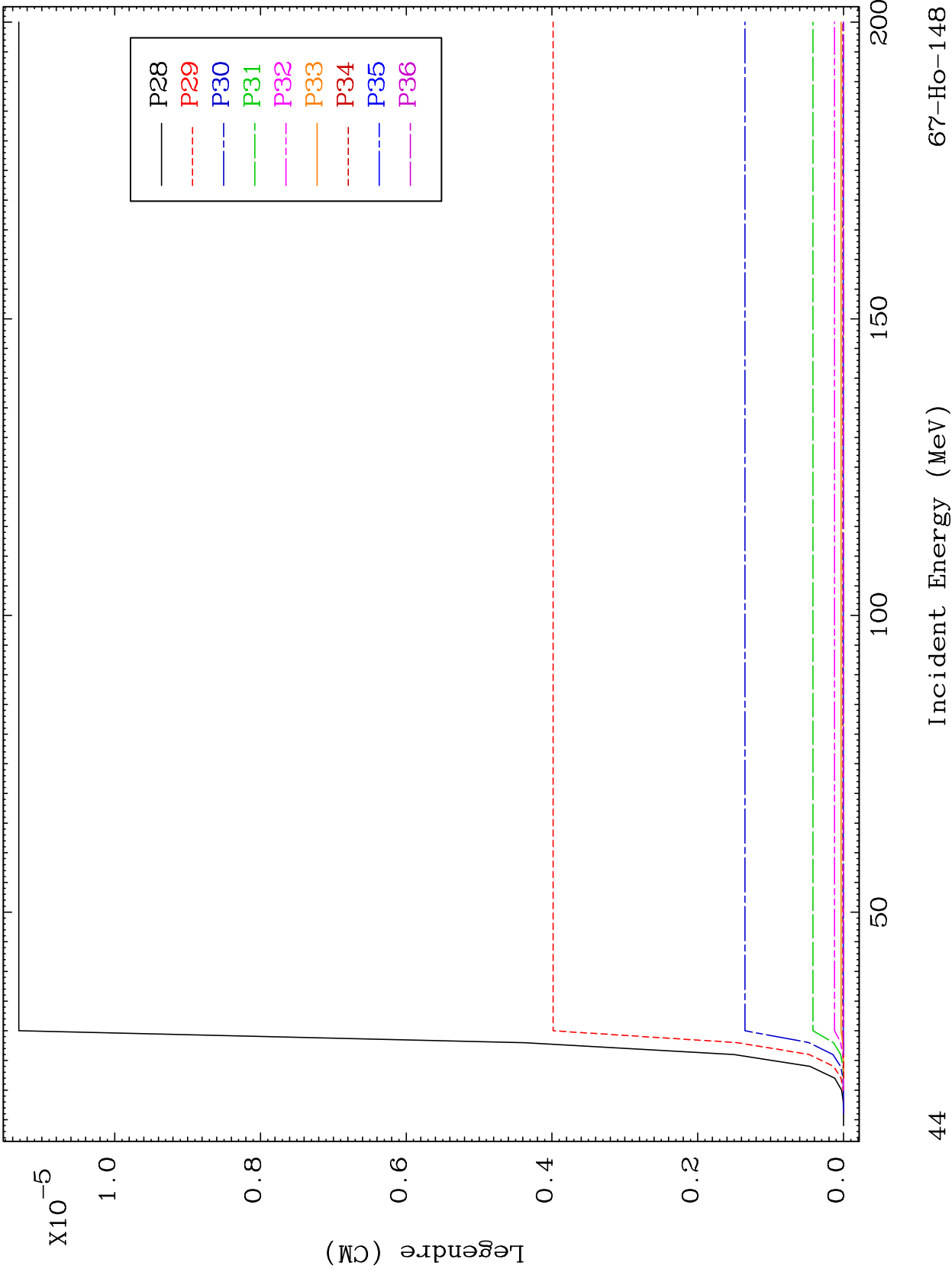
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MAT 6674

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

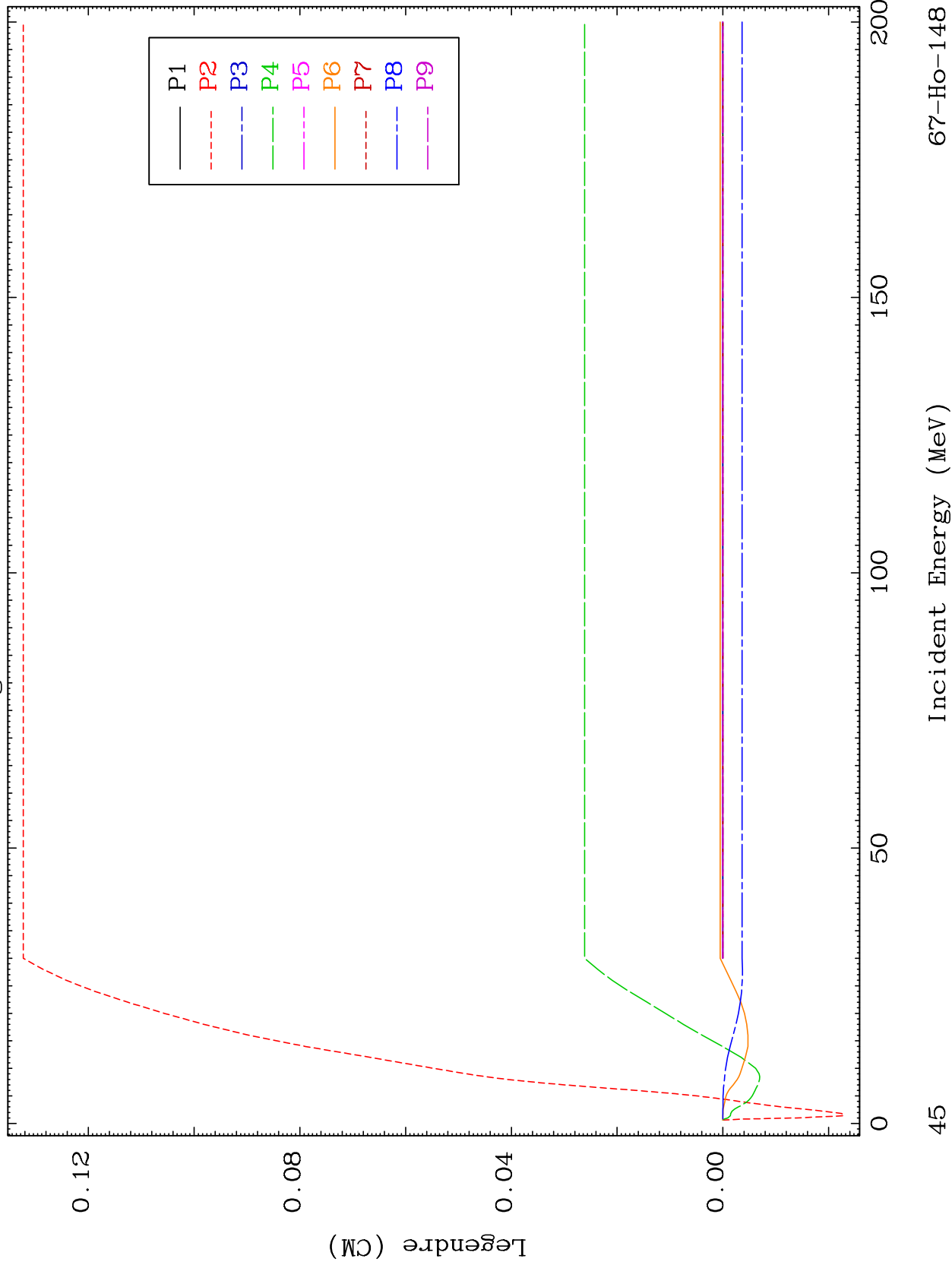
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MAT 6674

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

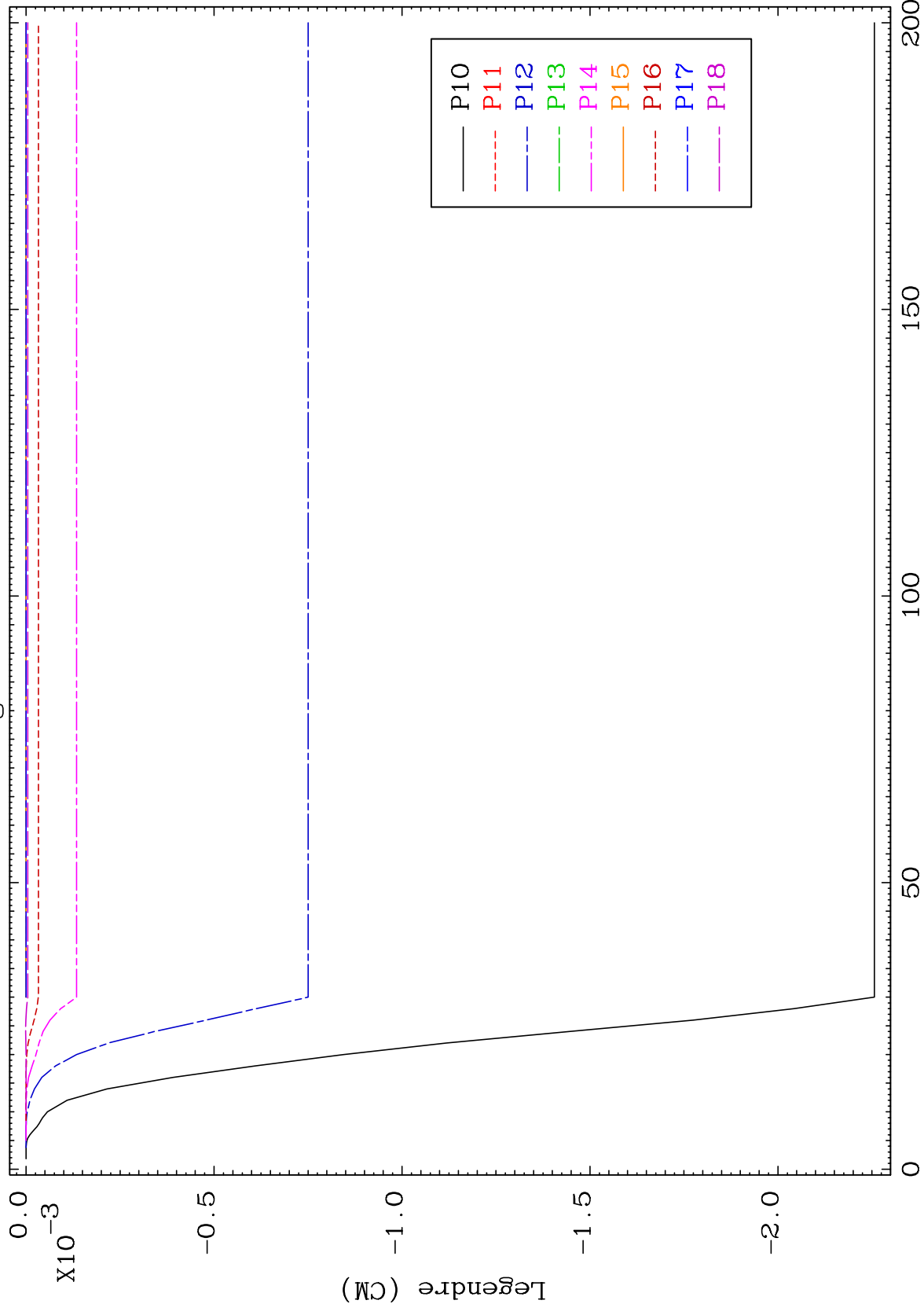
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MAT 6674

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

67-Ho-148



46

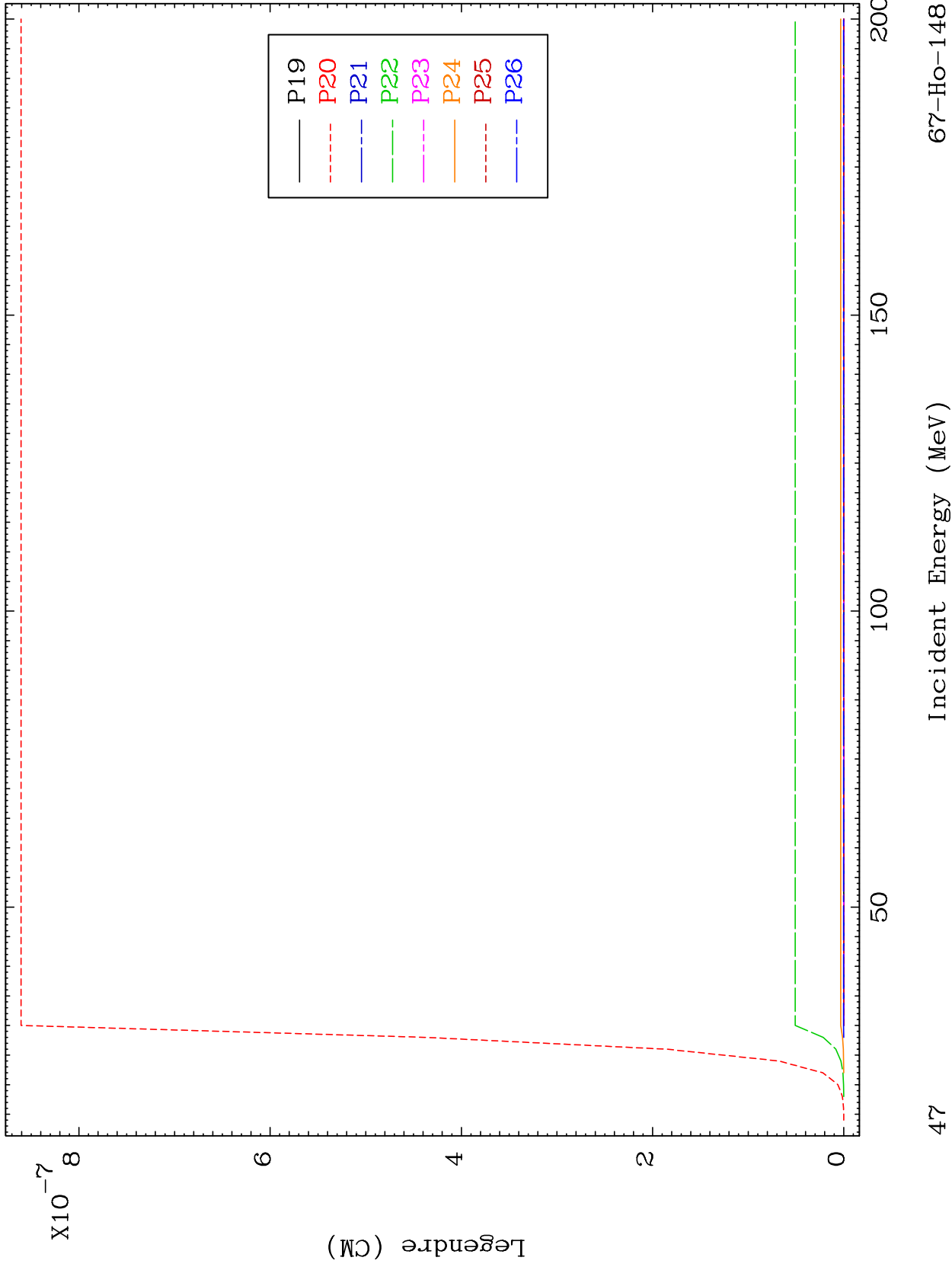
Incident Energy (MeV)

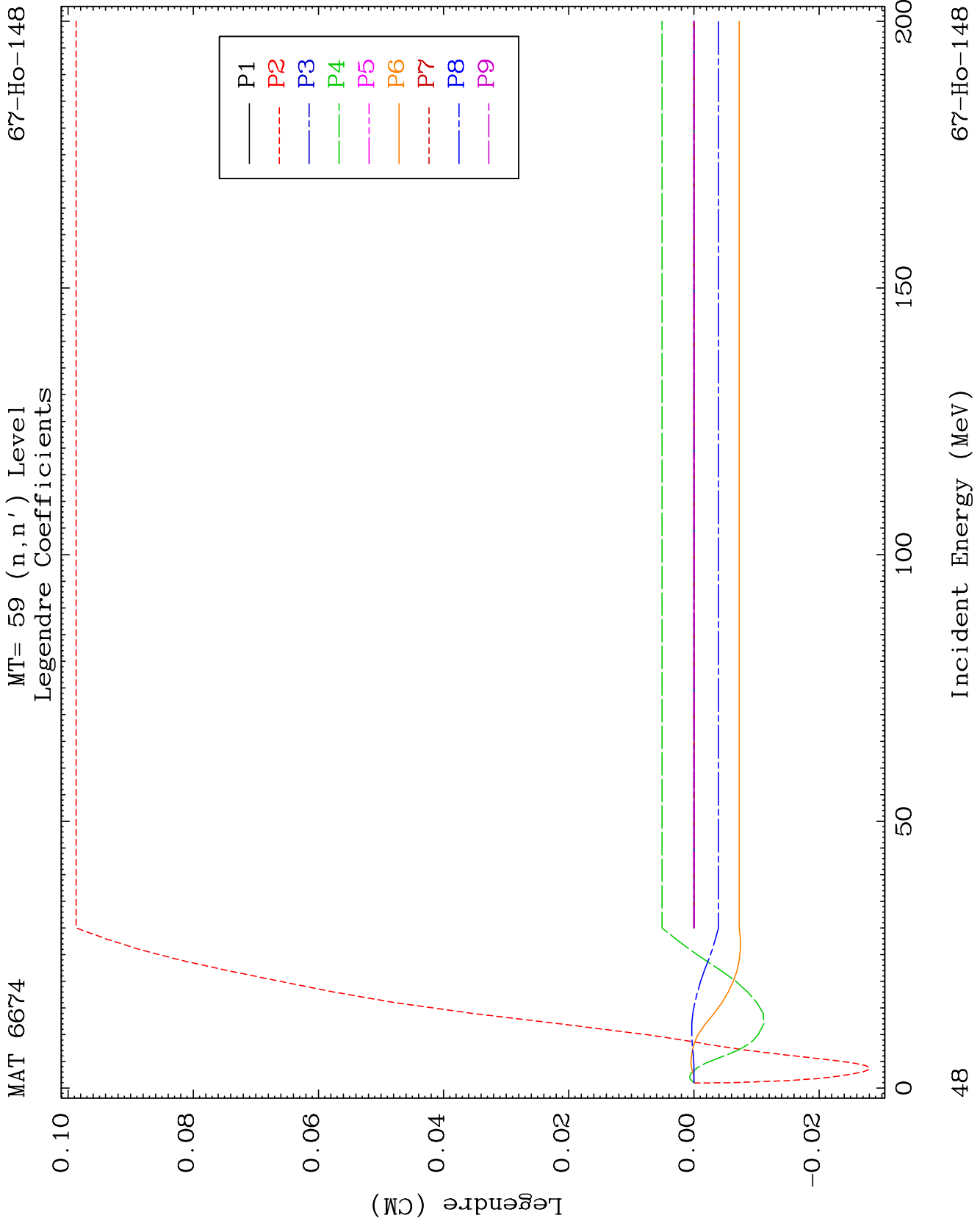
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MAT 6674

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

67-Ho-148

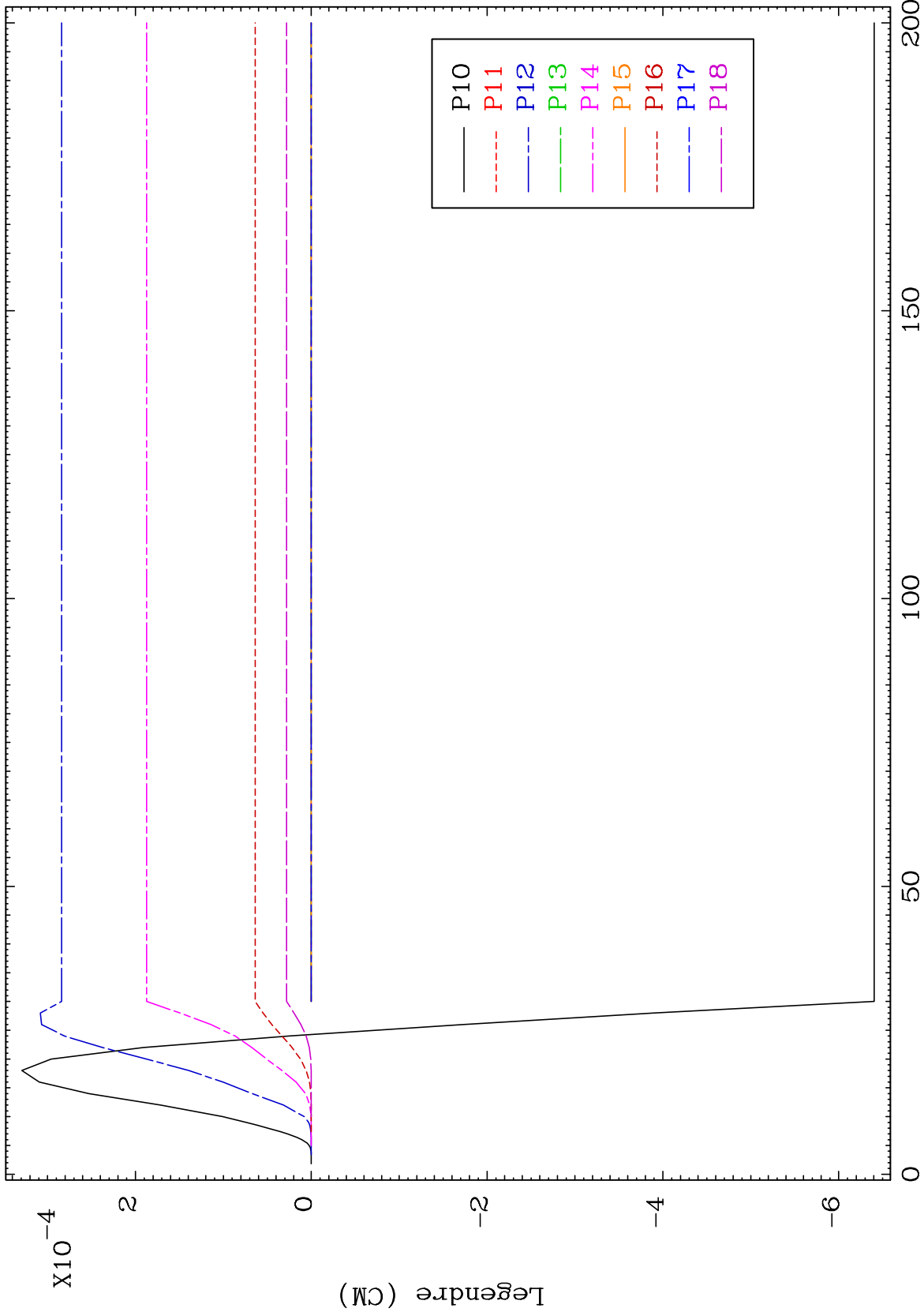




MAT 6674

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

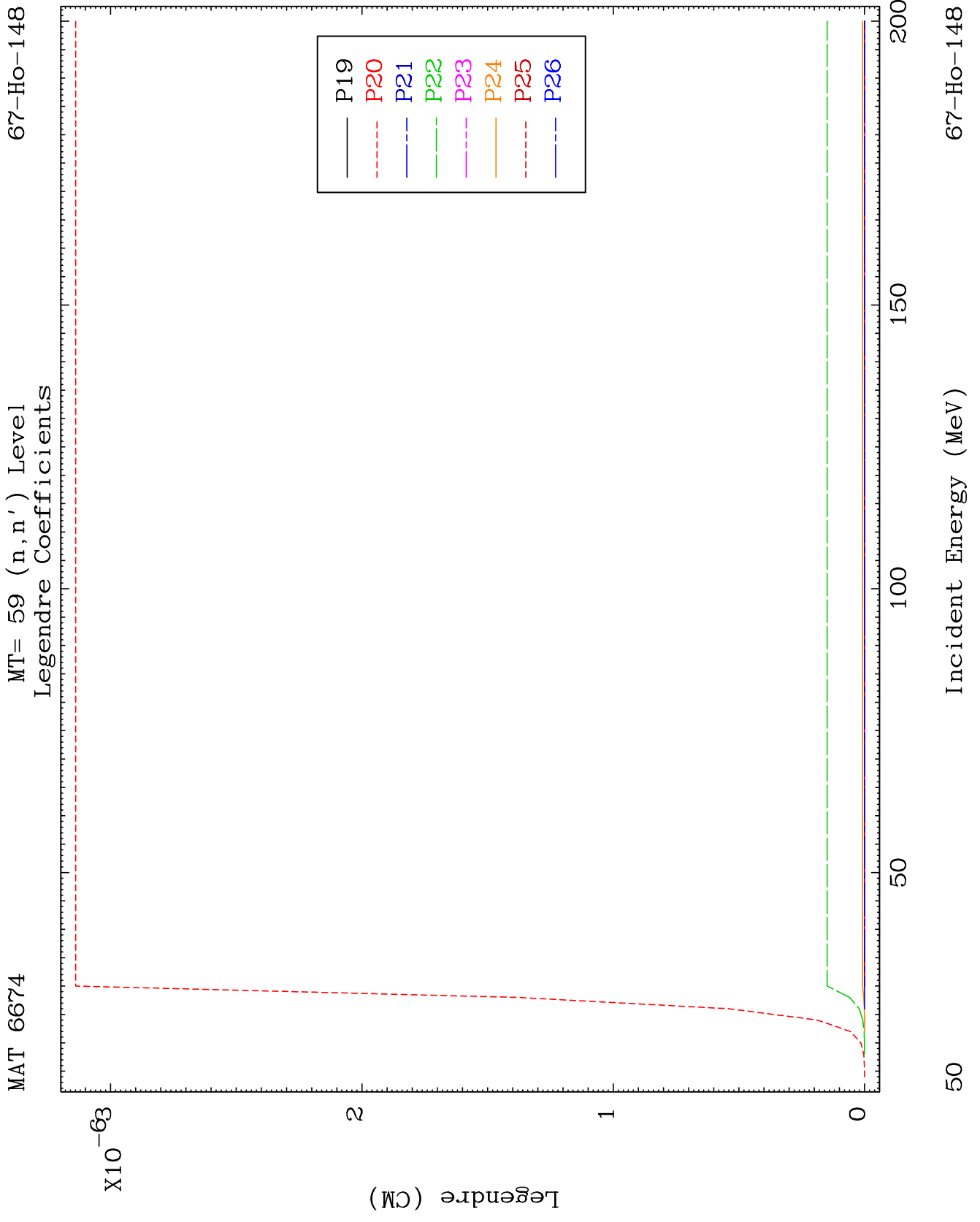
67-Ho-148



49

Incident Energy (MeV)

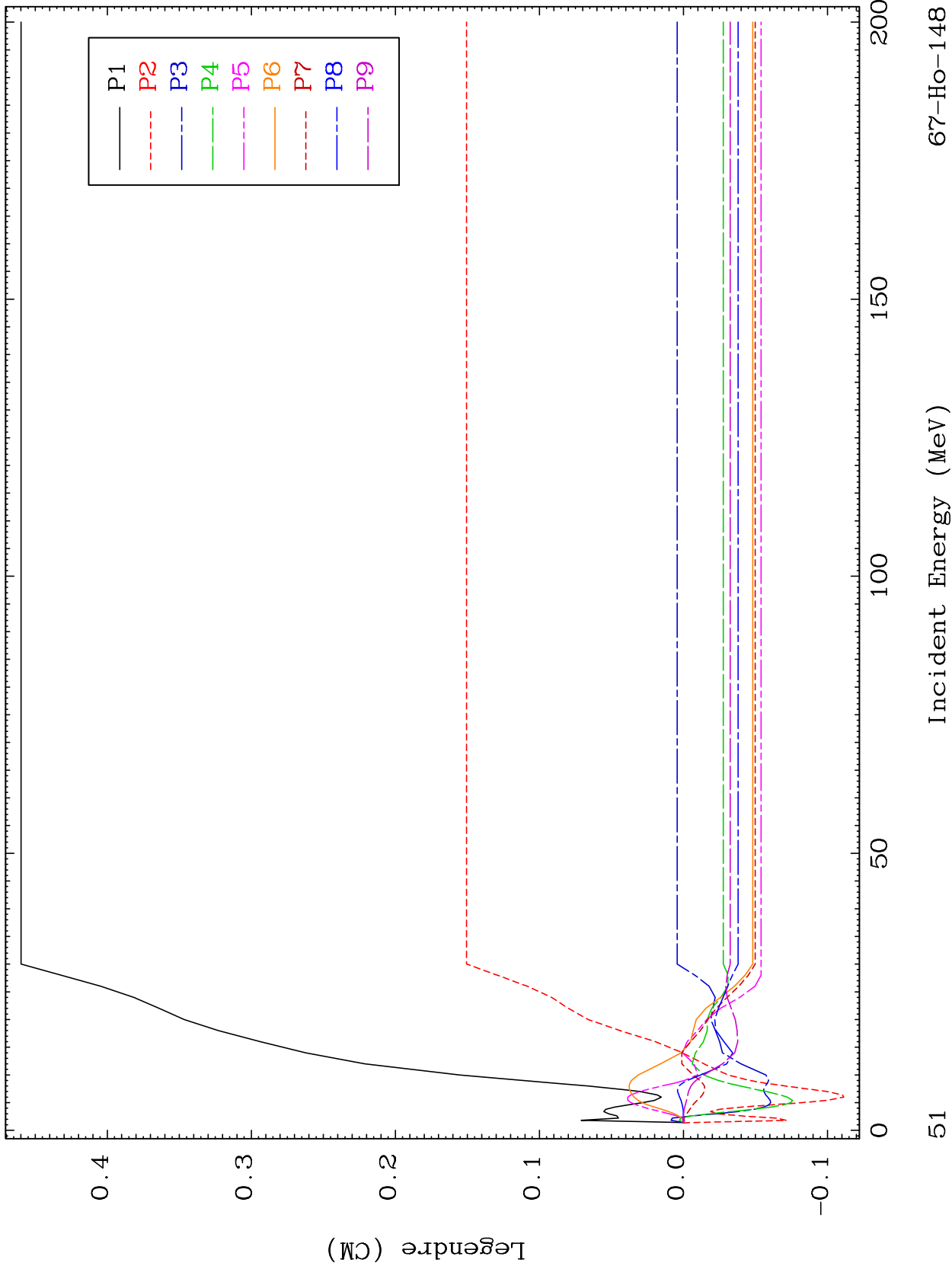
67-Ho-148



MAT 6674

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

67-Ho-148



67-Ho-148

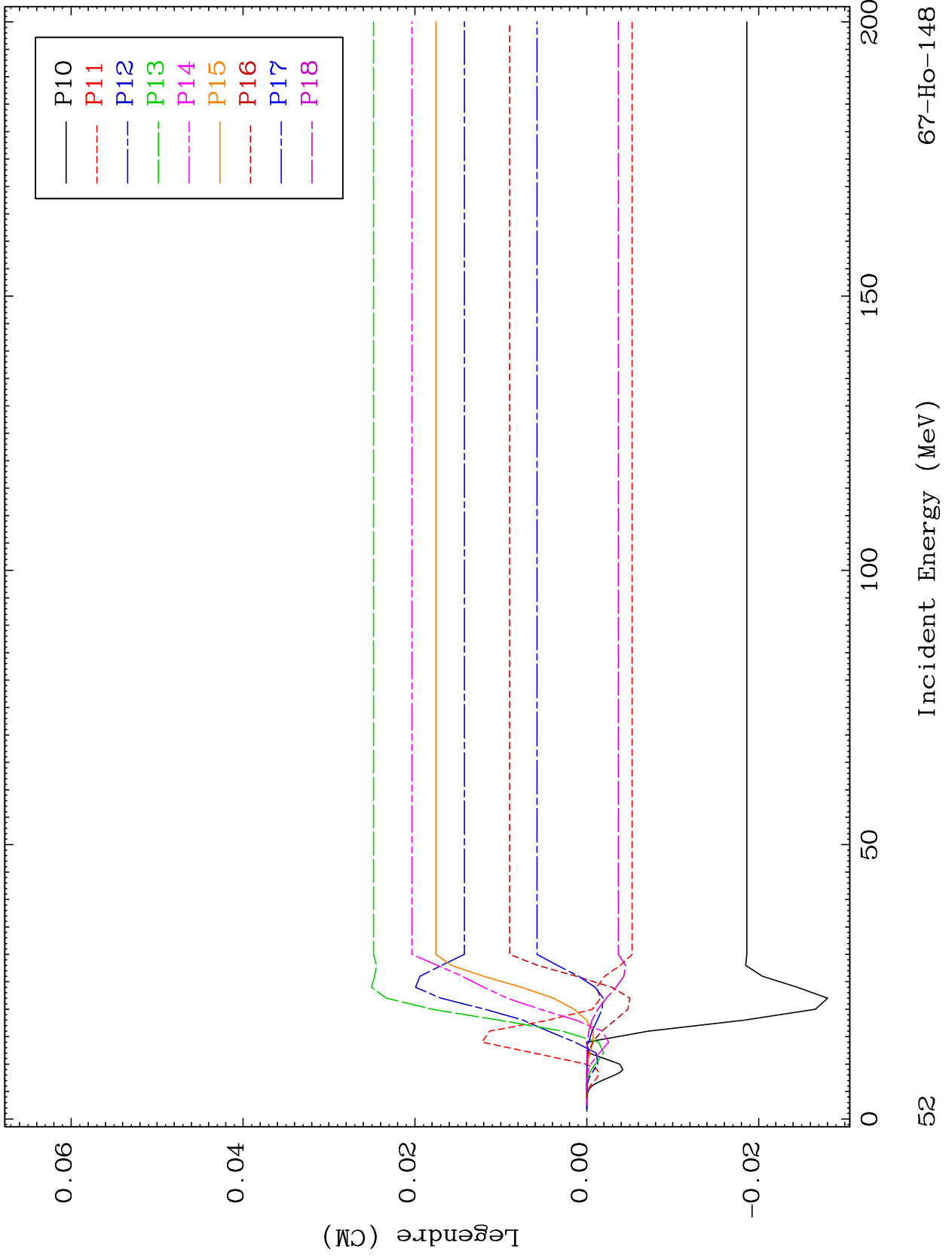
Incident Energy (MeV)

51

MAT 6674

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

67-Ho-148



67-Ho-148

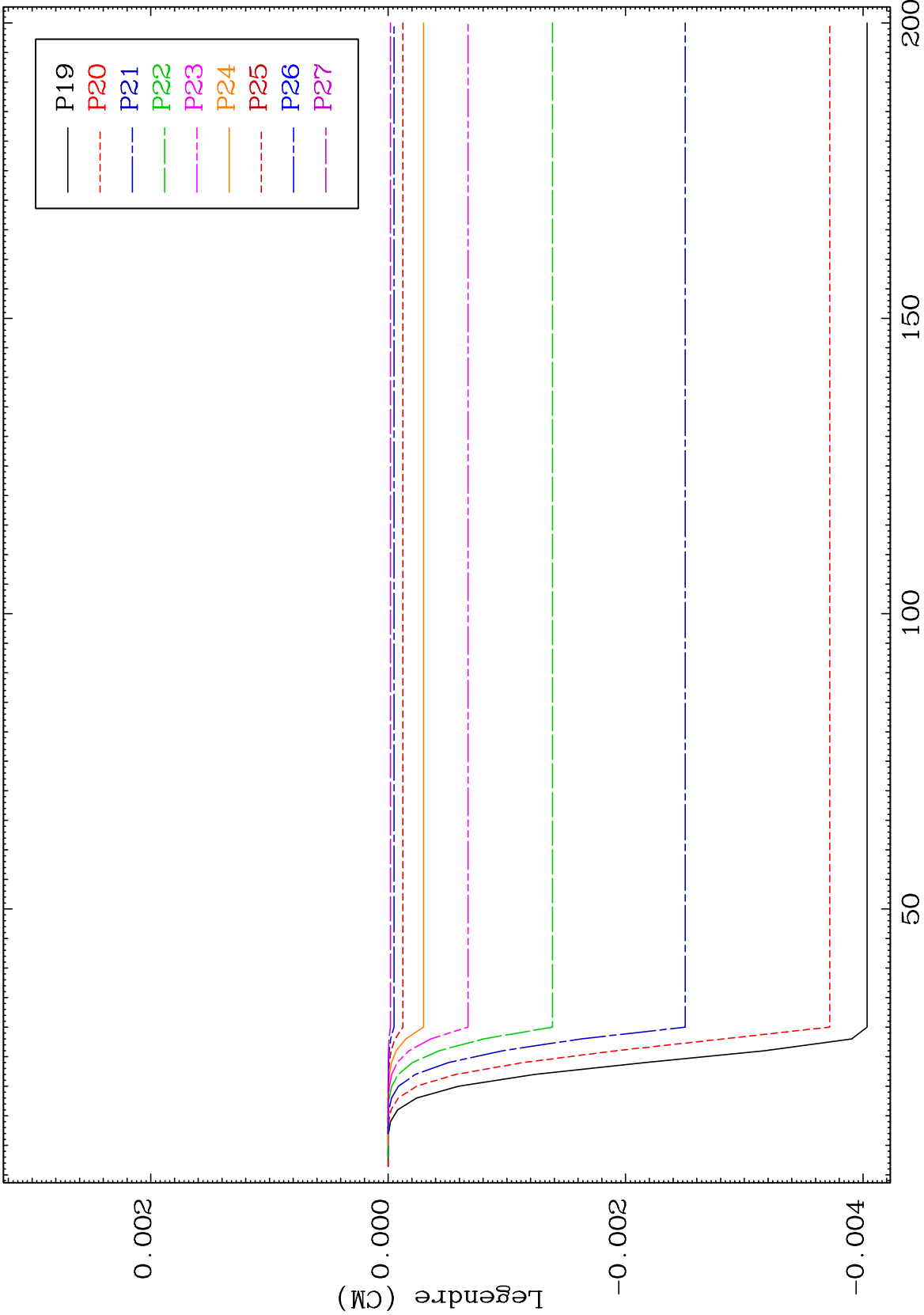
Incident Energy (MeV)

52

MAT 6674

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

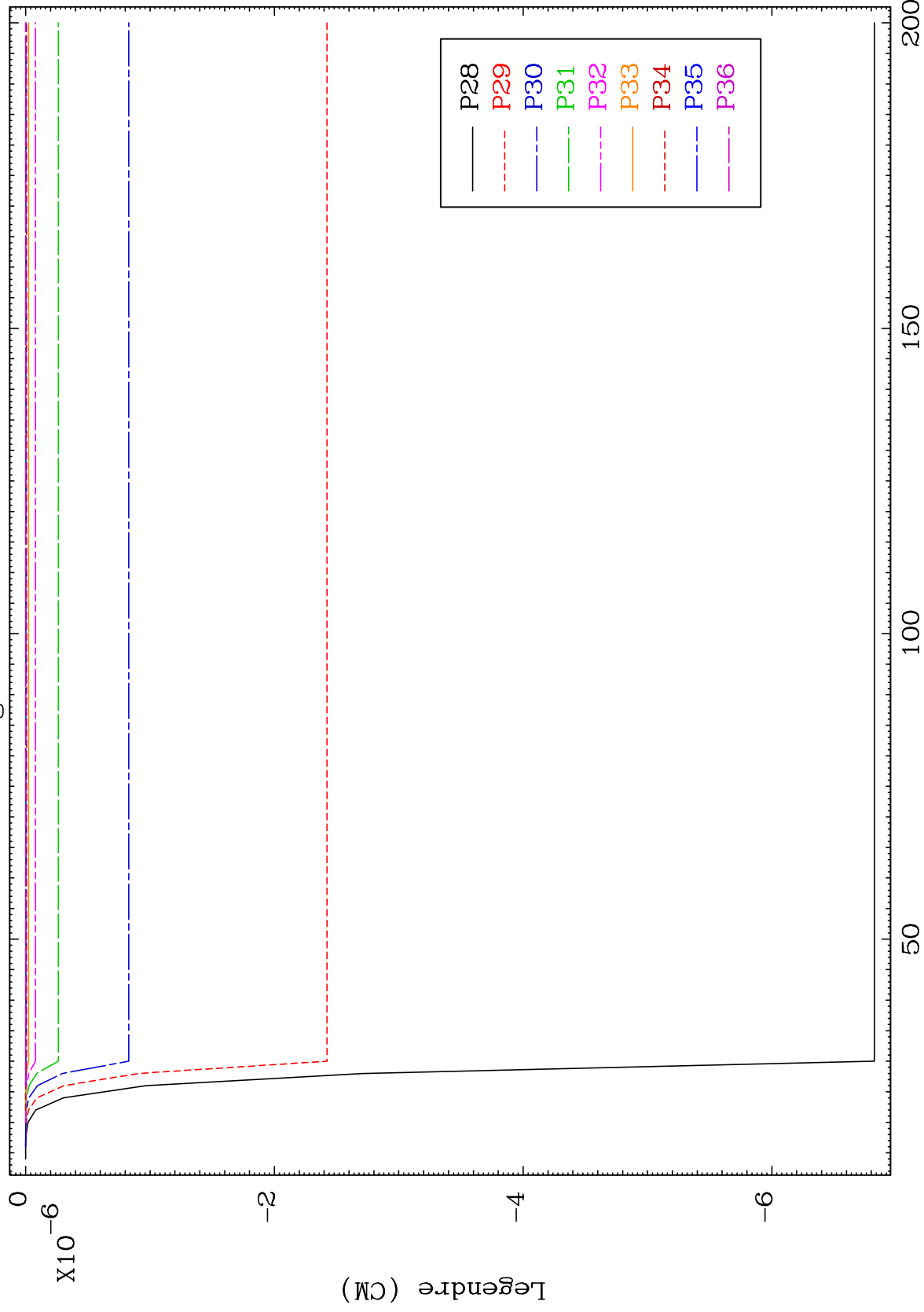
67-Ho-148



MAT 6674

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

67-Ho-148



54

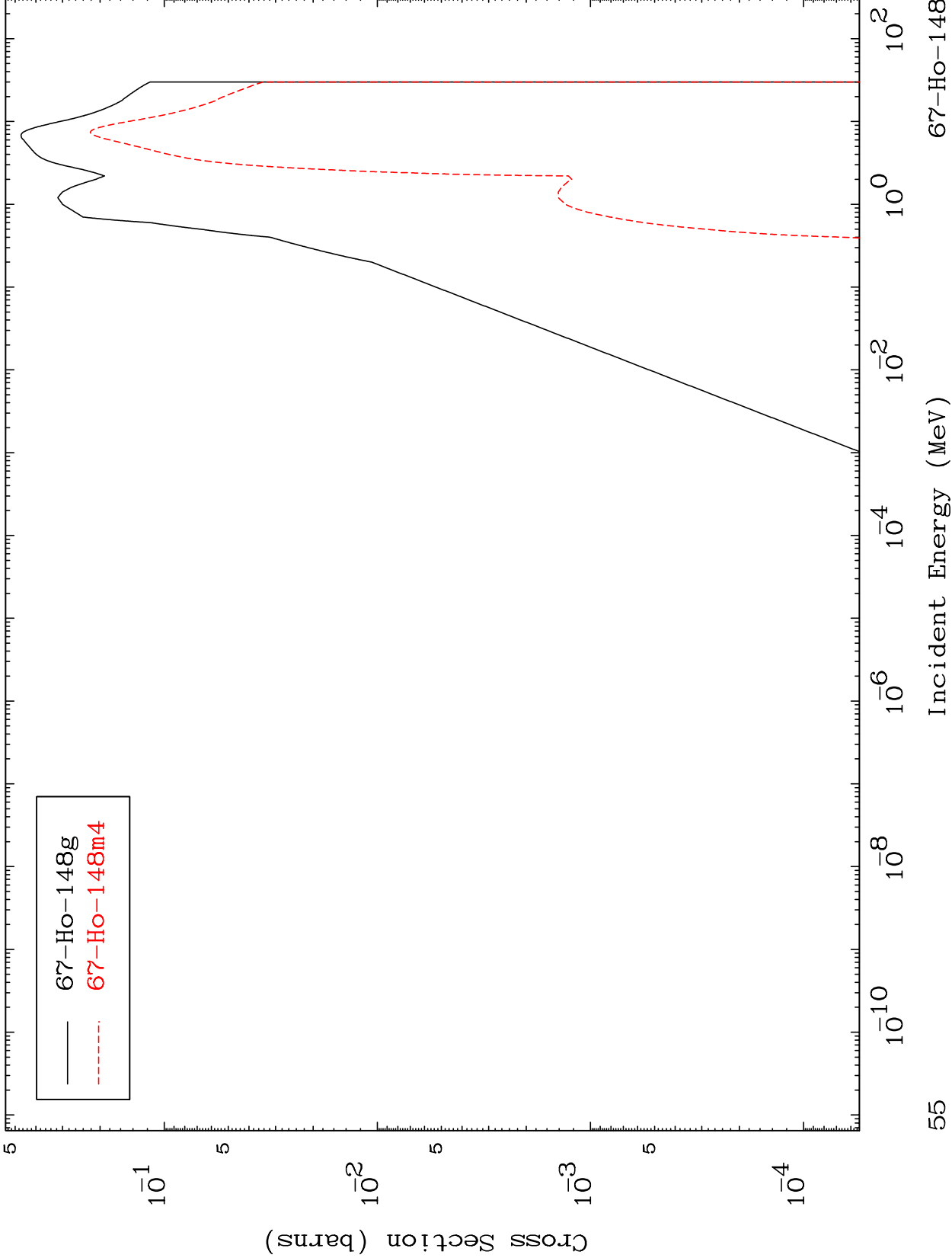
Incident Energy (MeV)

67-Ho-148

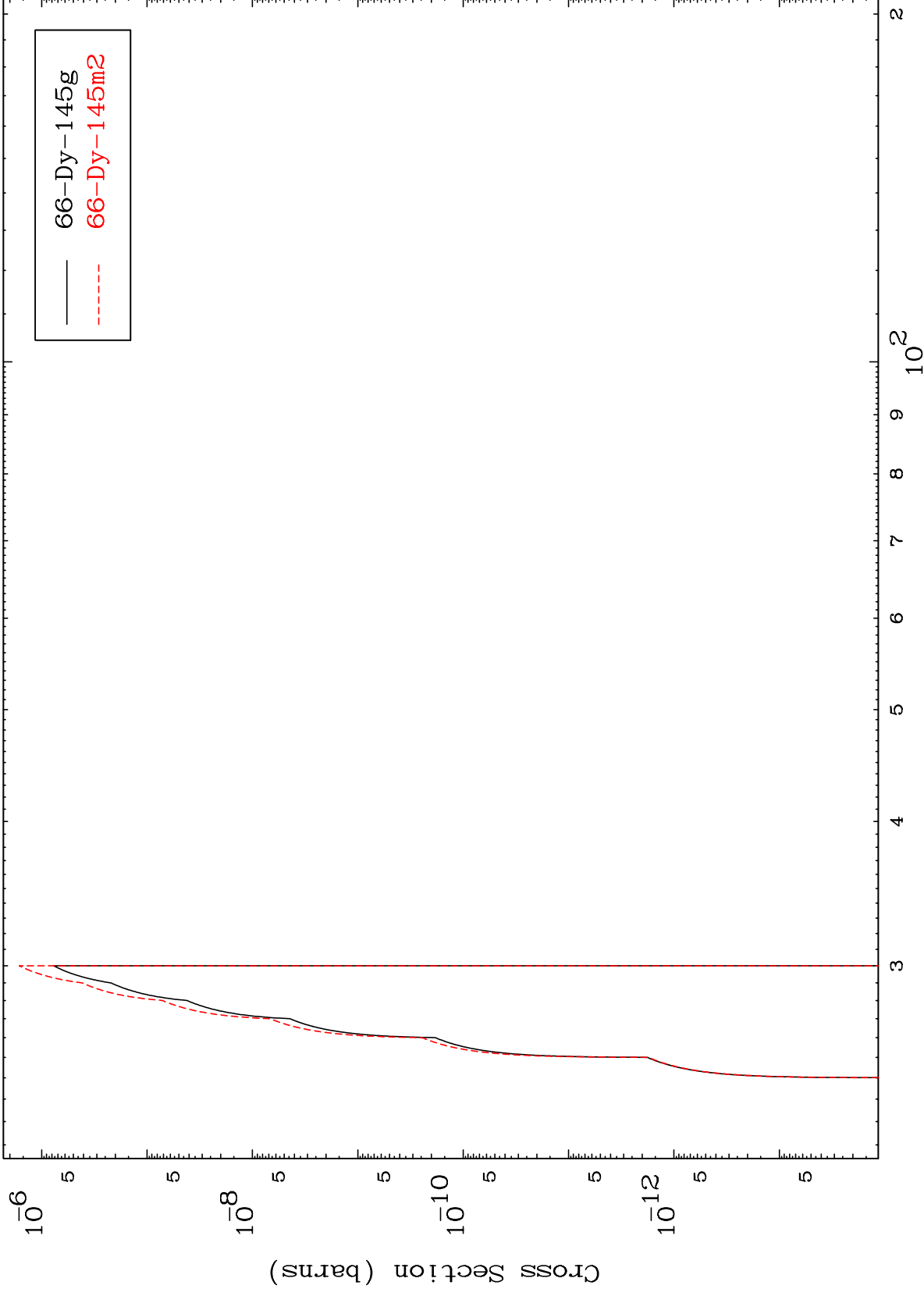
MAT 6674

Inelastic  
Radionuclide Production Cross Section

<sup>67</sup>Ho-148



Radionuclide Production Cross Section



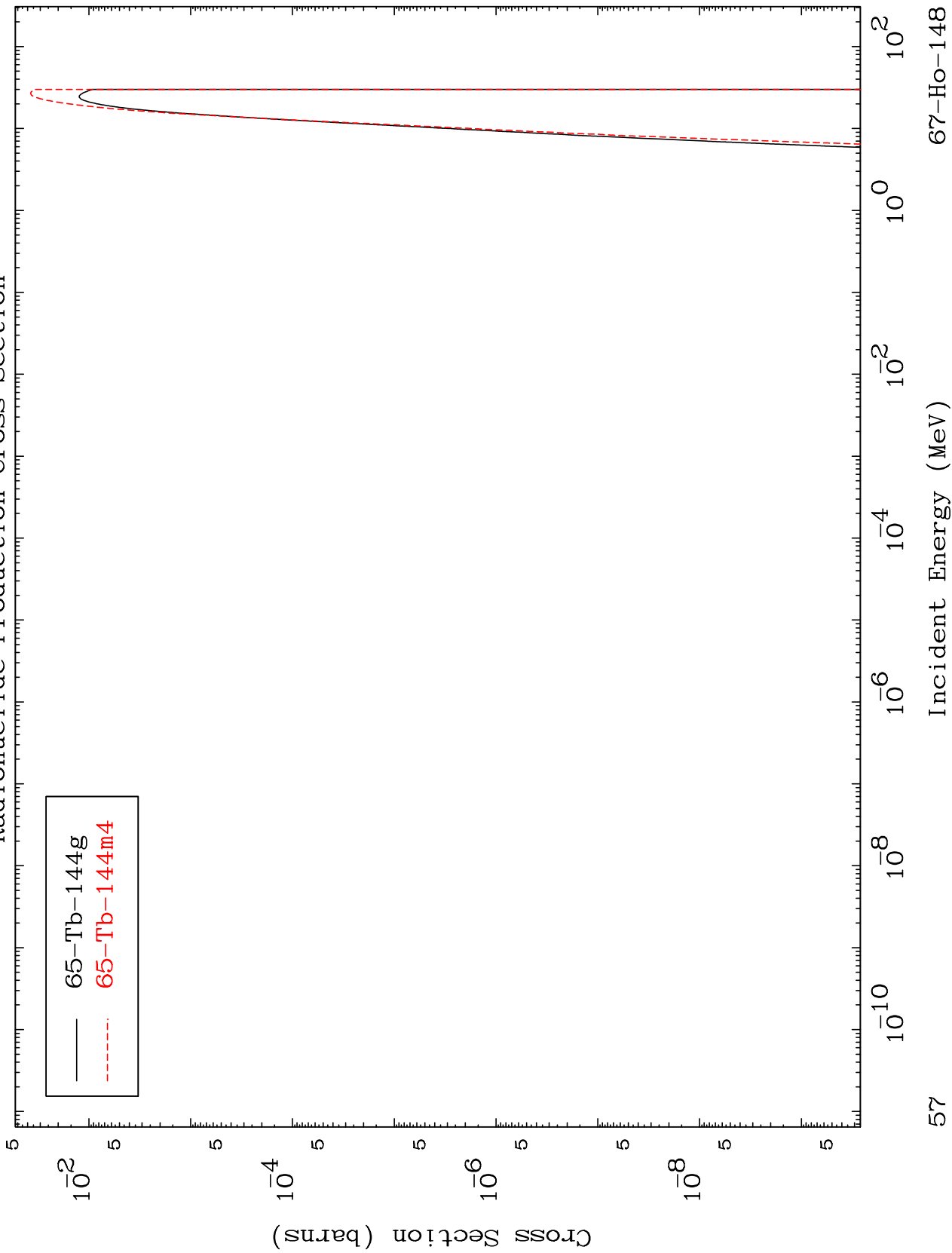
66-Dy-145g  
66-Dy-145m2

MAT 6674

$(n, n') \alpha$

67-Ho-148

Radionuclide Production Cross Section

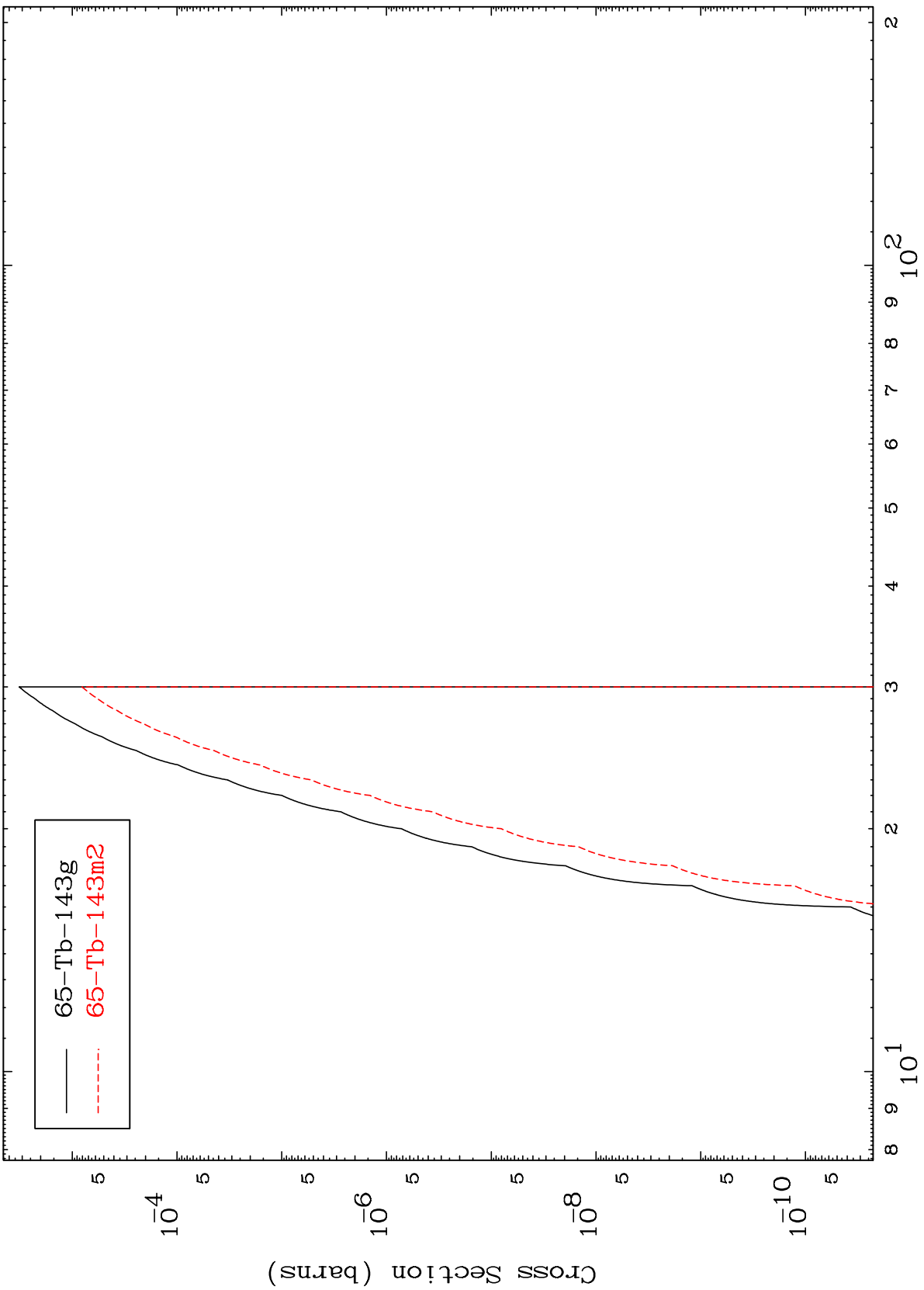


MAT 6674

(n,2n)  $\alpha$

67-Ho-148

Radionuclide Production Cross Section



65-Tb-143g  
65-Tb-143m2

58

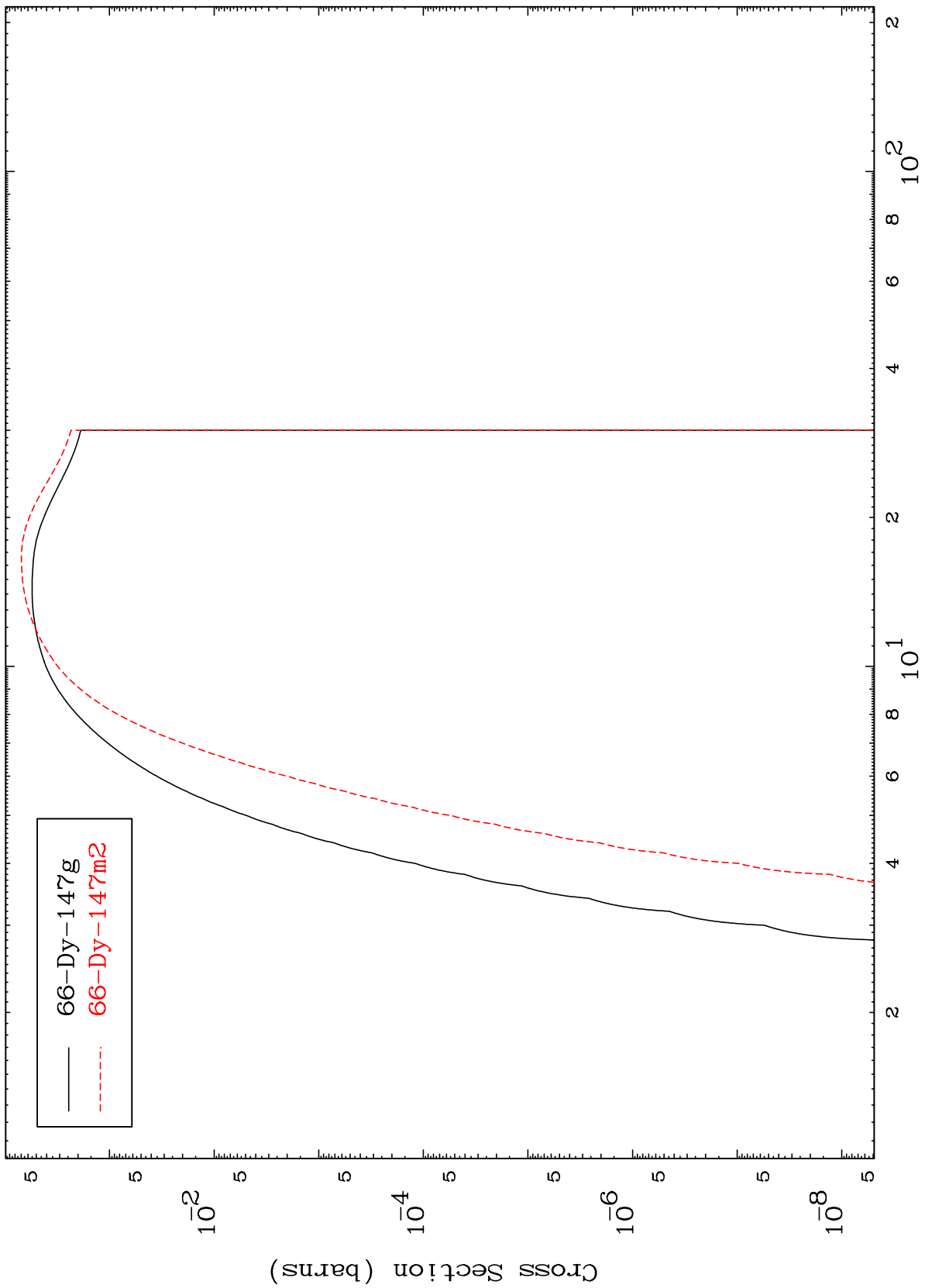
Incident Energy (MeV)

67-Ho-148

MAT 6674

67-Ho-148

(n,n') p  
Radionuclide Production Cross Section



59

Incident Energy (MeV)

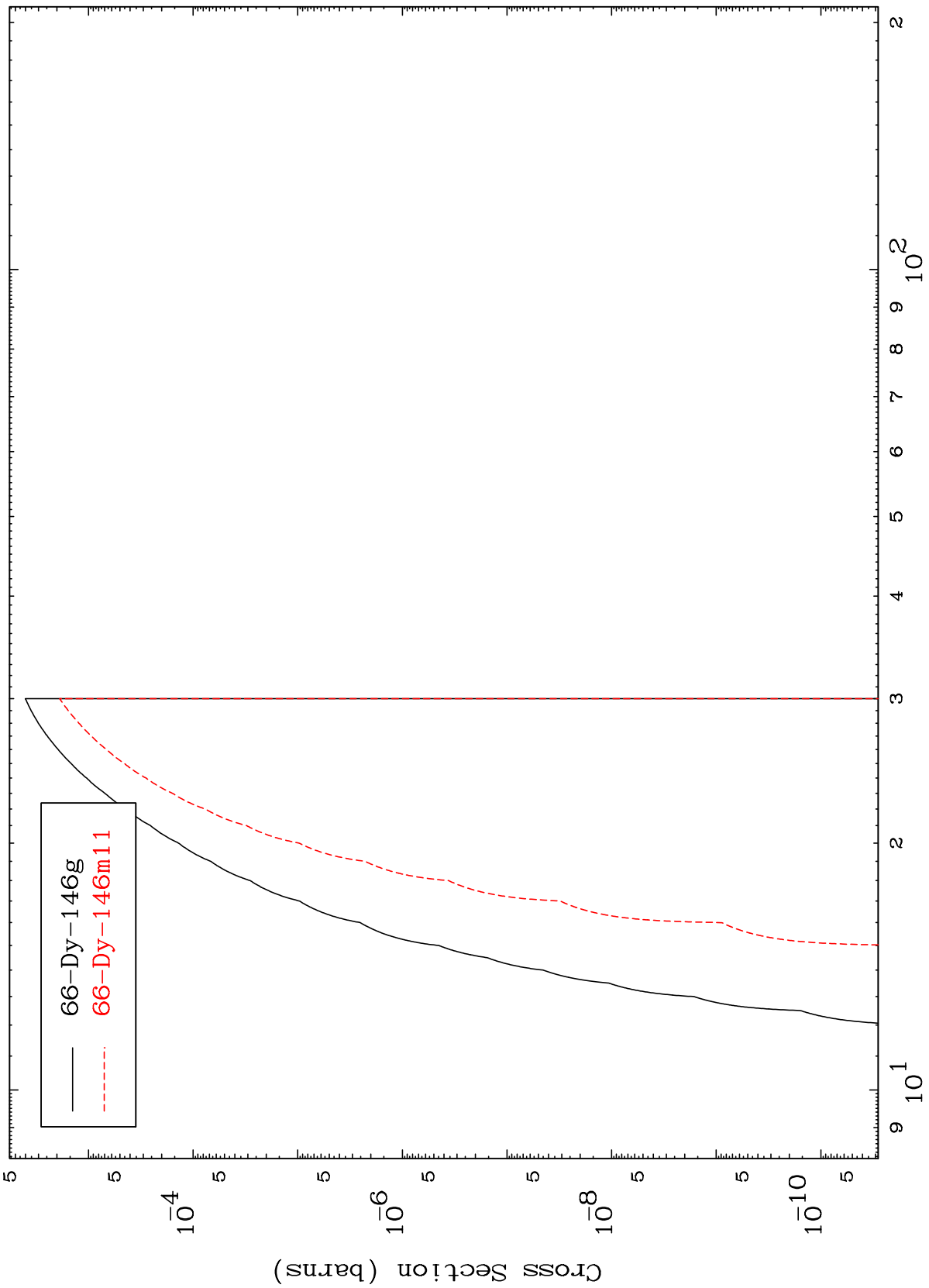
67-Ho-148

MAT 6674

(n,n') d

67-Ho-148

Radionuclide Production Cross Section



66-Dy-146g  
66-Dy-146m11

60

Incident Energy (MeV)

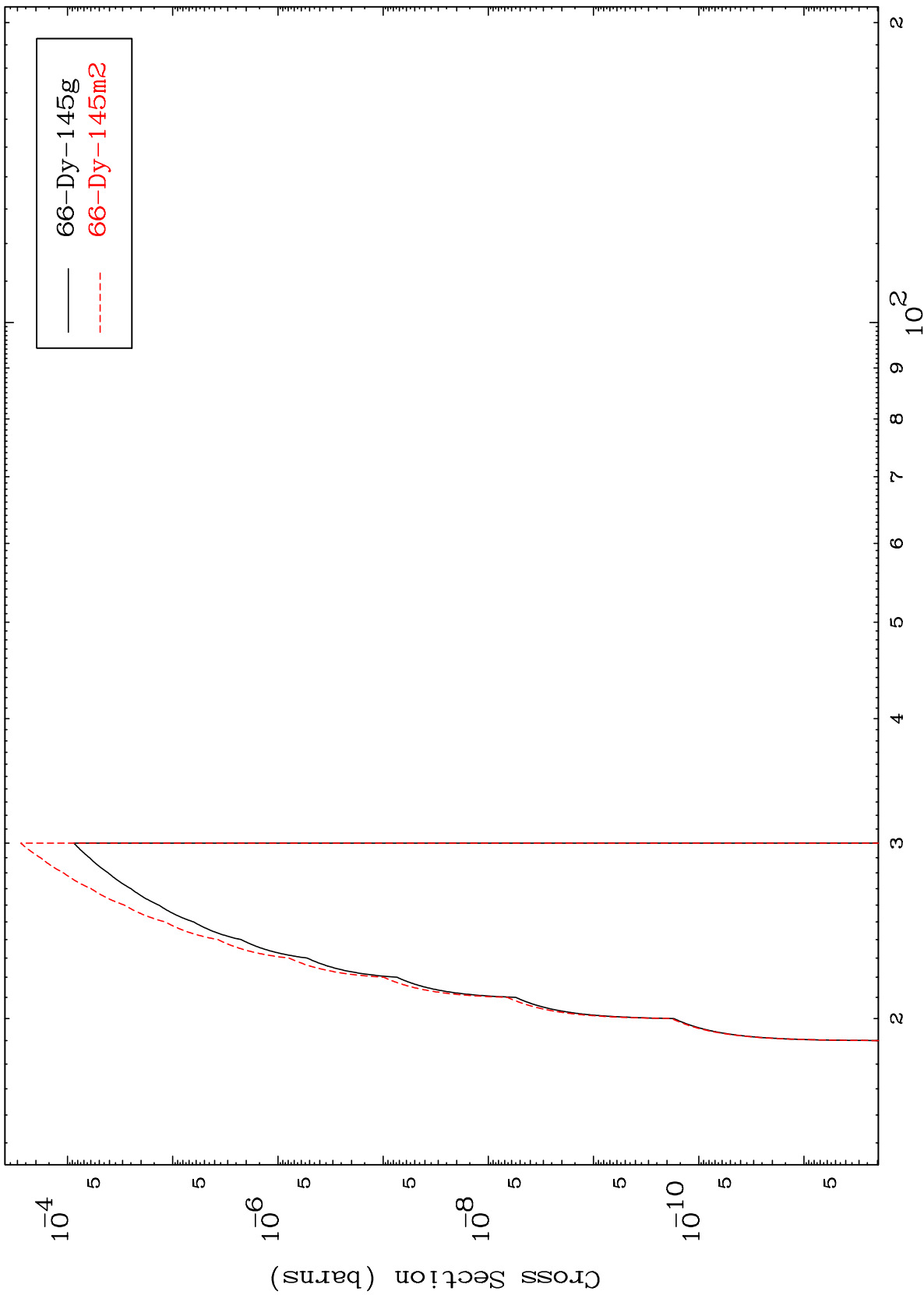
67-Ho-148

MAT 6674

(n,n') t

67-Ho-148

Radionuclide Production Cross Section



61

Incident Energy (MeV)

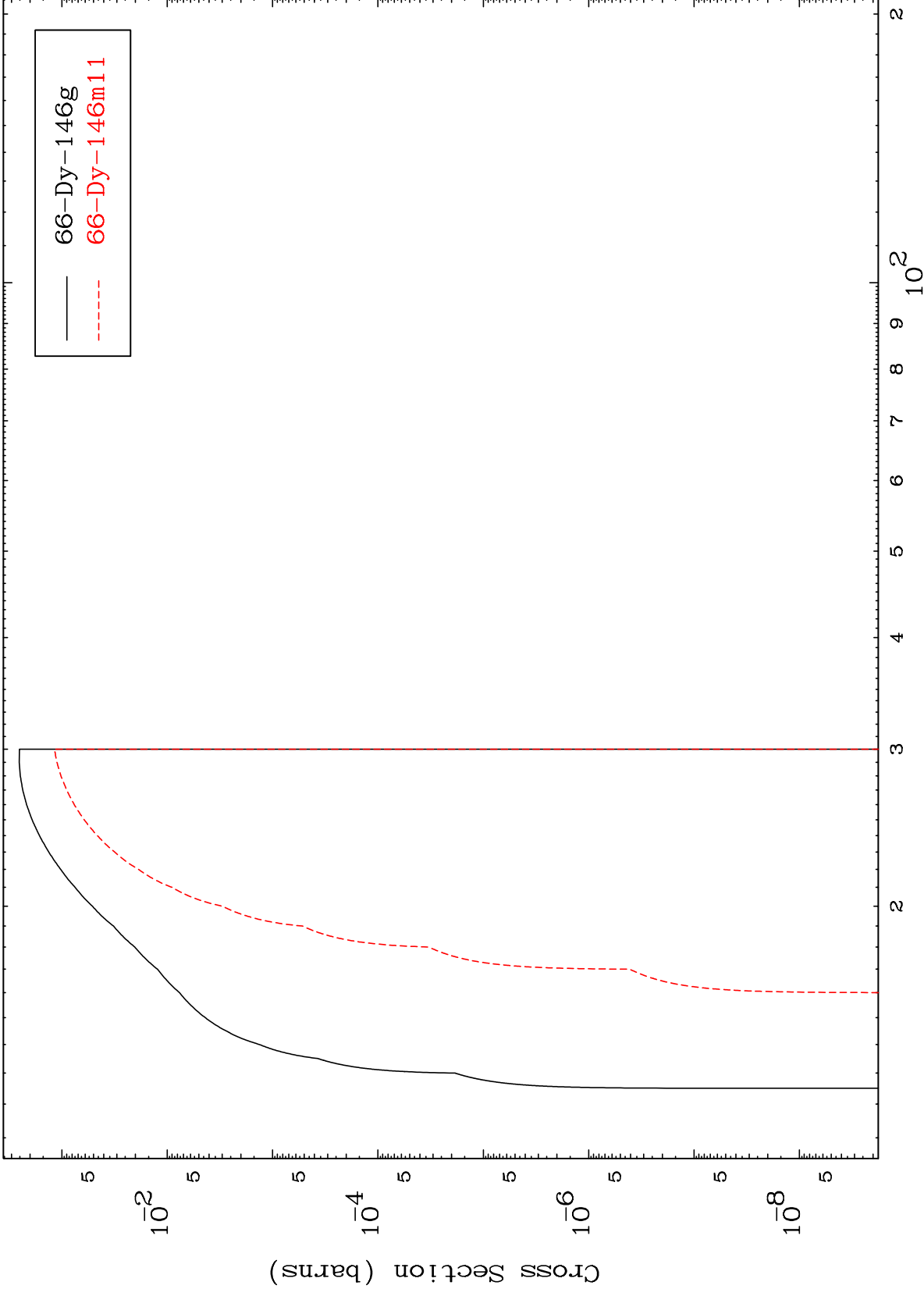
67-Ho-148

MAT 6674

(n,2n) p

67-Ho-148

Radionuclide Production Cross Section



62

Incident Energy (MeV)

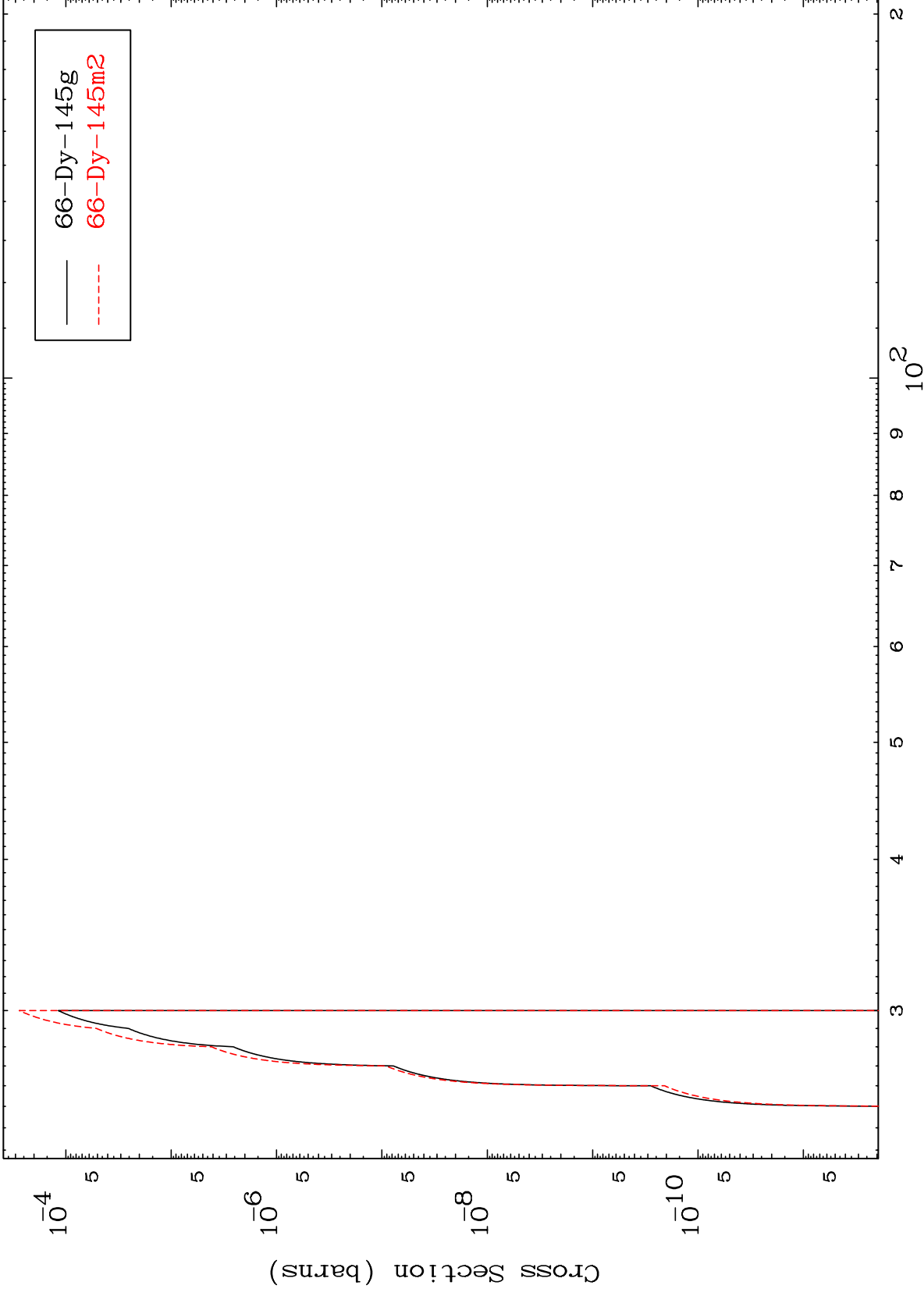
67-Ho-148

MAT 6674

(n,3n) p

67-Ho-148

Radionuclide Production Cross Section



63

Incident Energy (MeV)

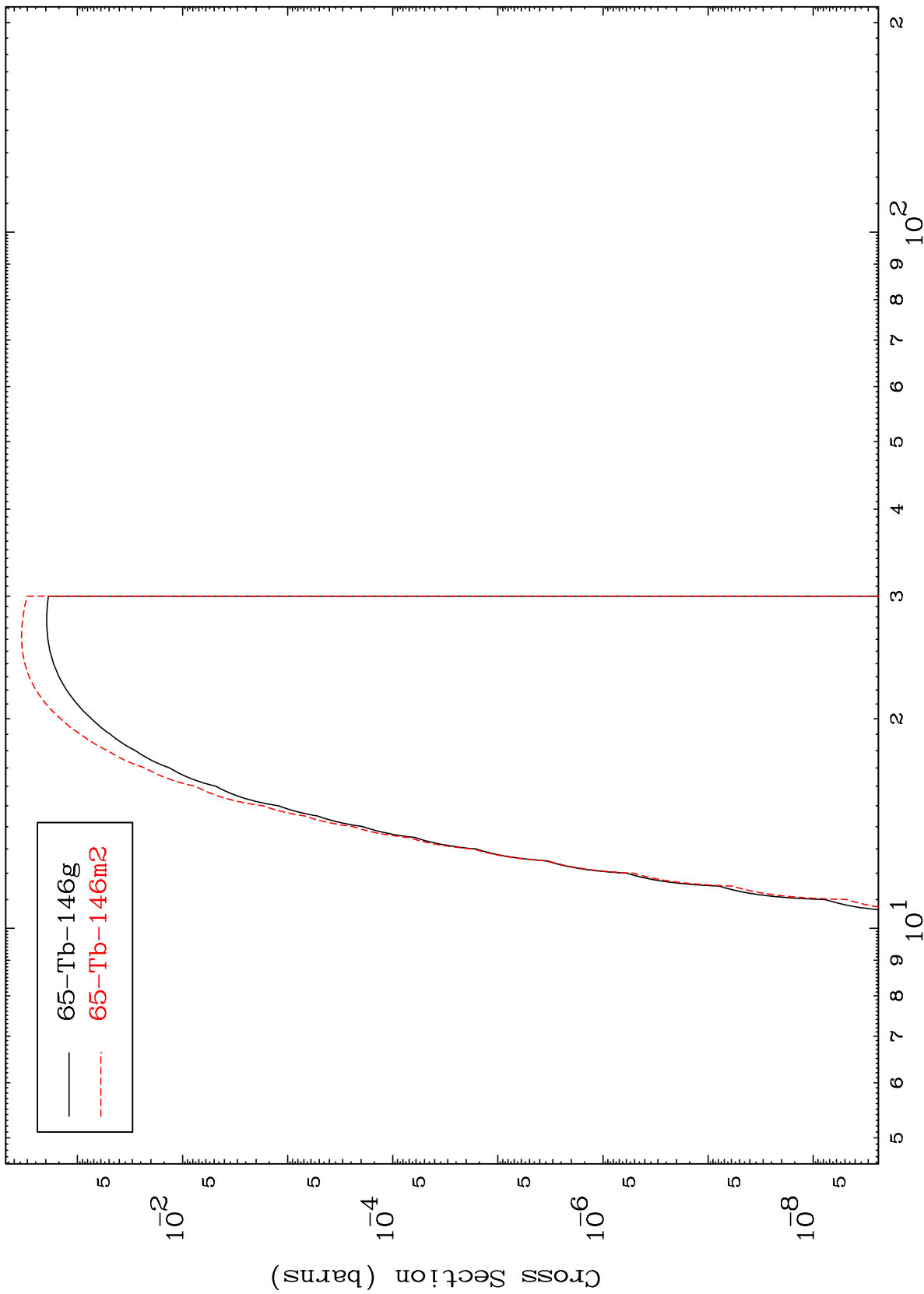
67-Ho-148

MAT 6674

(n,2n) p

67-Ho-148

Radionuclide Production Cross Section



64

Incident Energy (MeV)

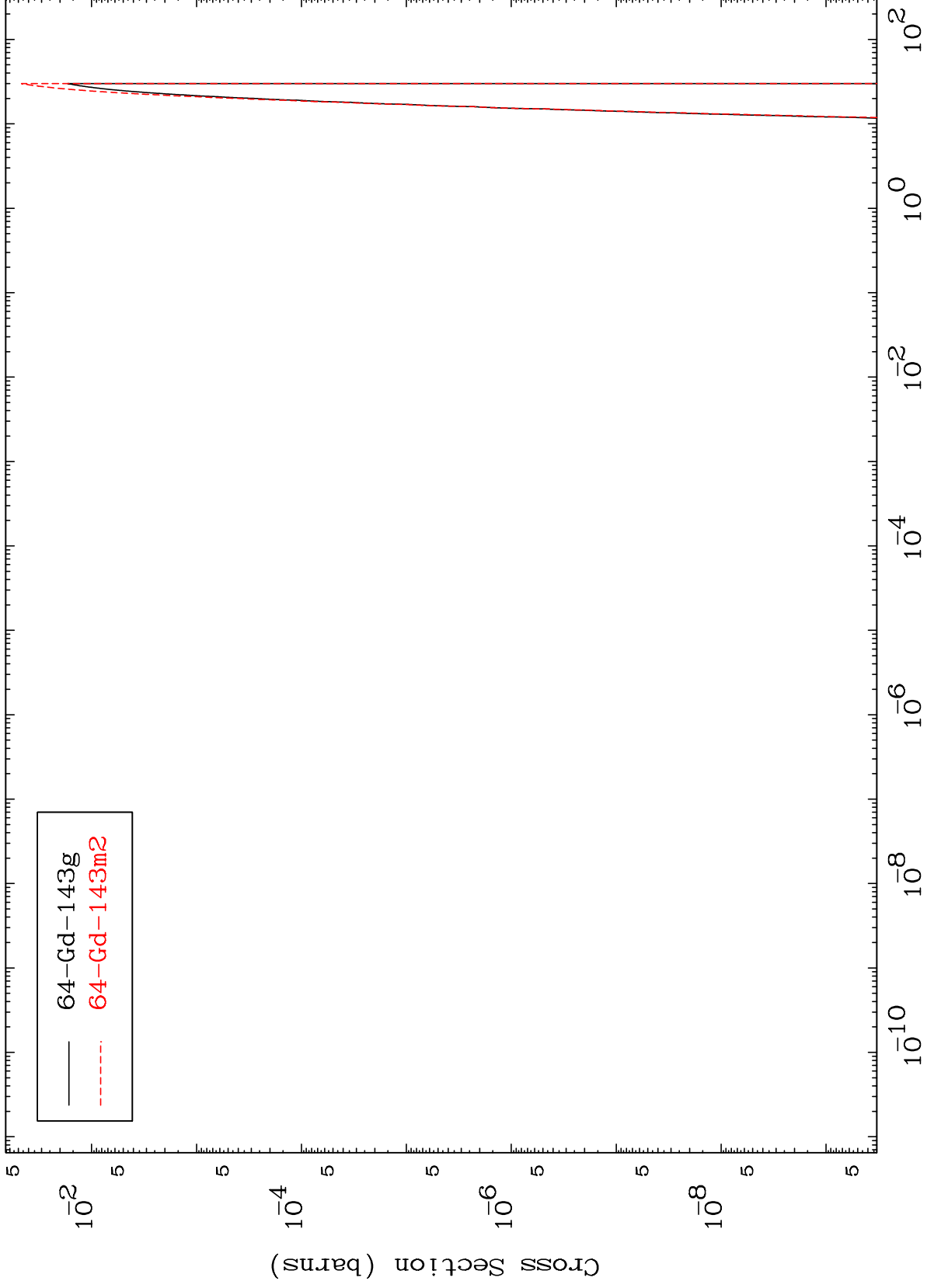
67-Ho-148

MAT 6674

(n,n') p  $\alpha$

67-Ho-148

Radionuclide Production Cross Section



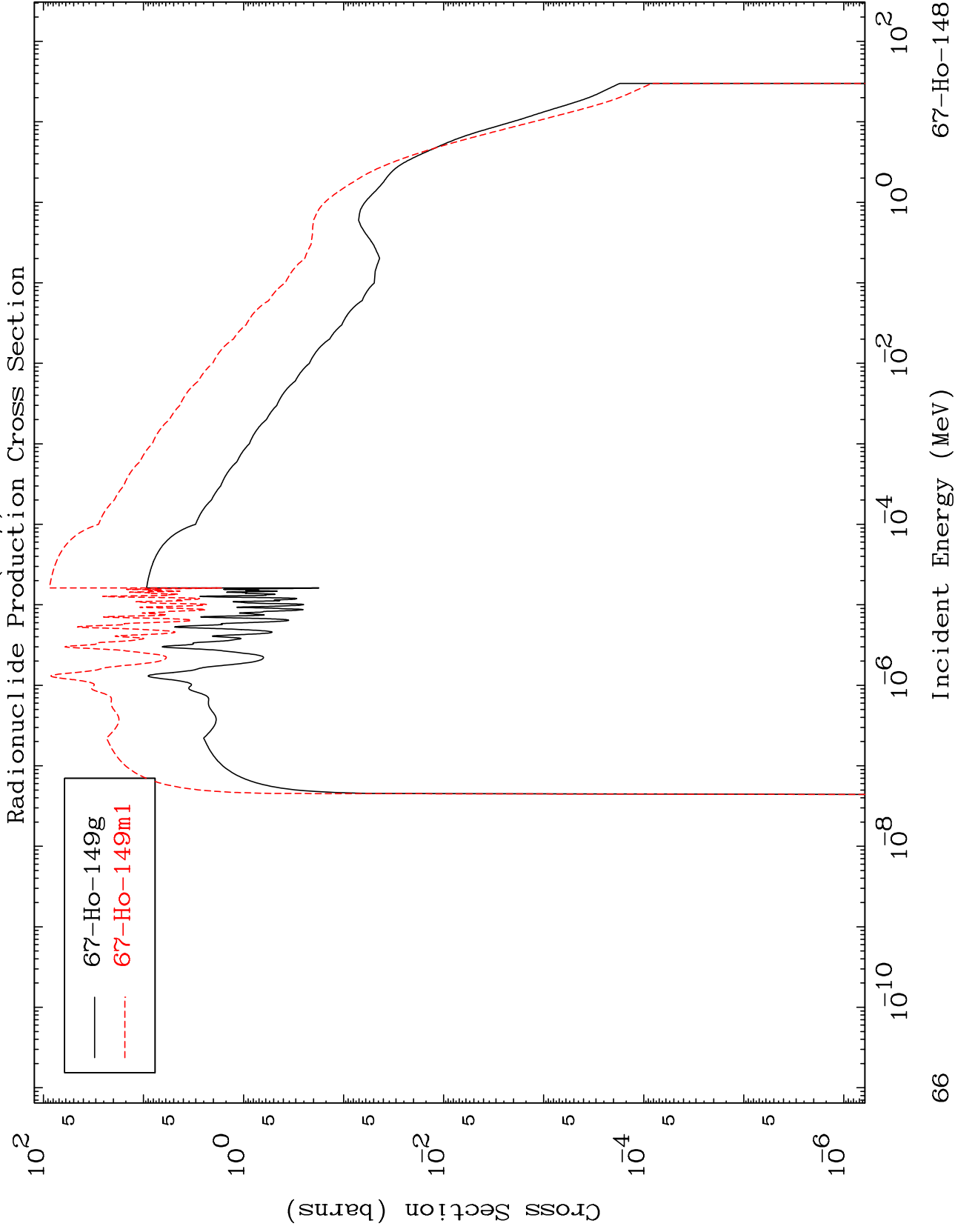
65

Incident Energy (MeV)

67-Ho-148

MAT 6674

<sup>67</sup>Ho-148



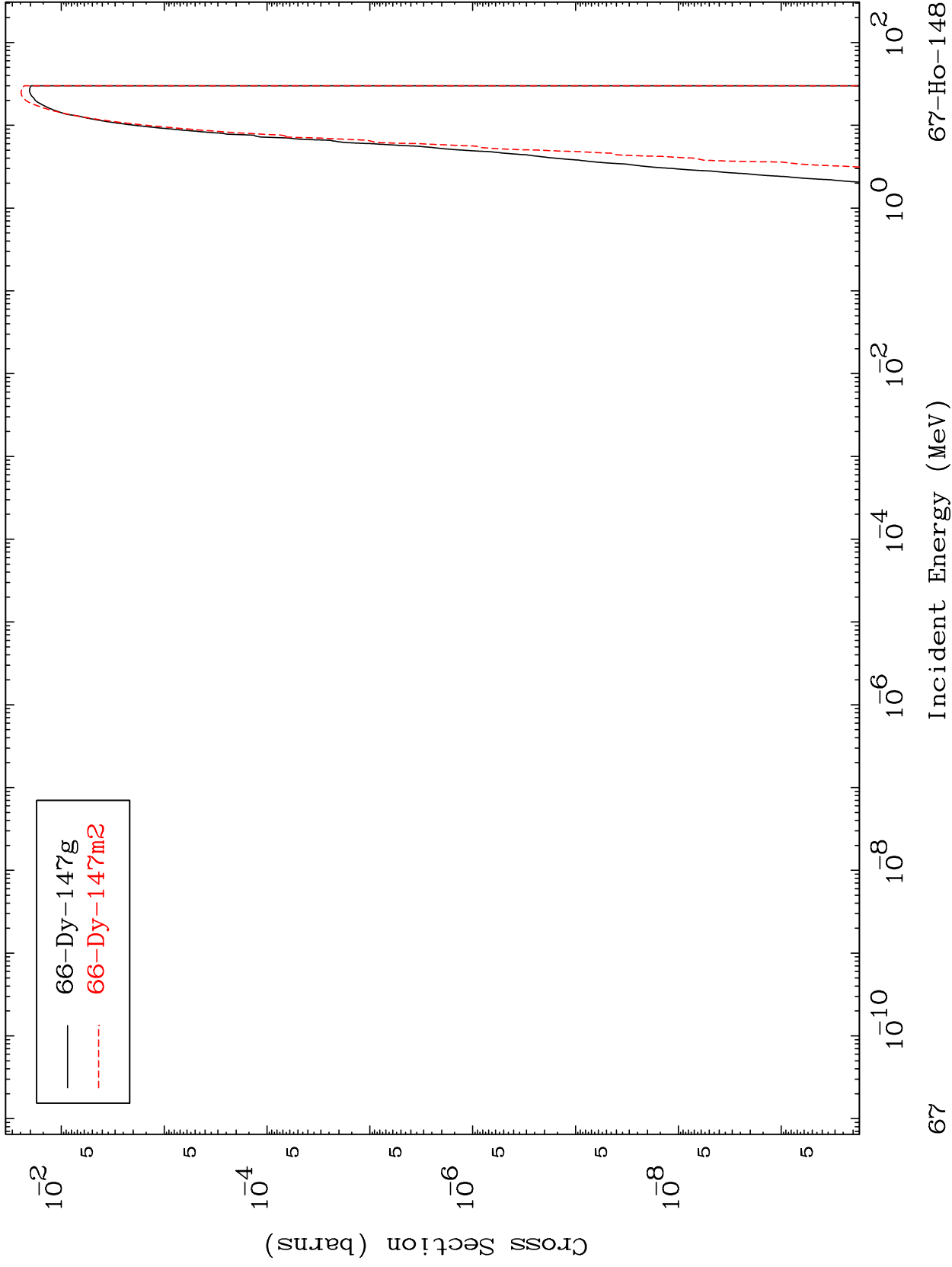
66

MAT 6674

(n,d)

67-Ho-148

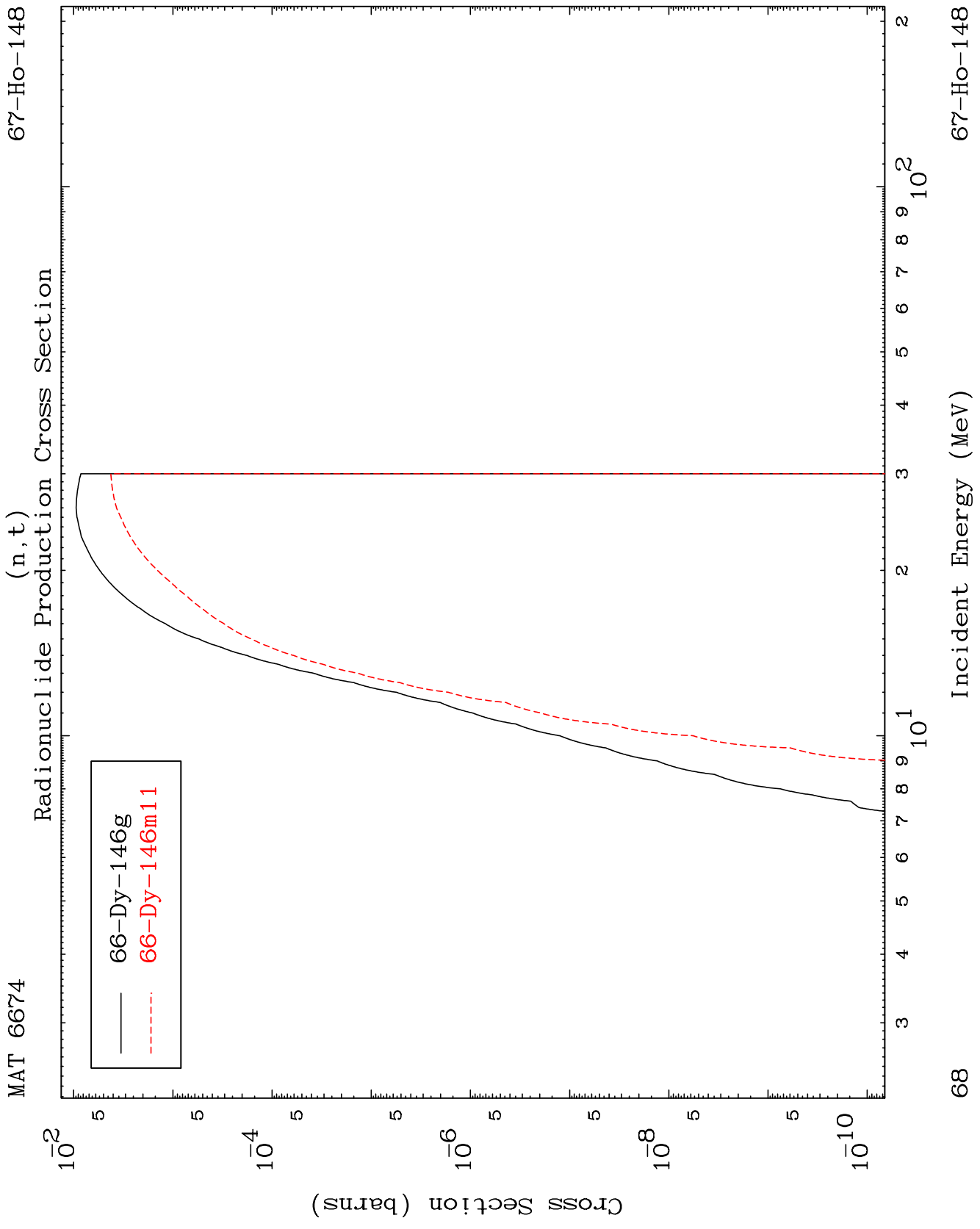
Radionuclide Production Cross Section



67

Incident Energy (MeV)

67-Ho-148

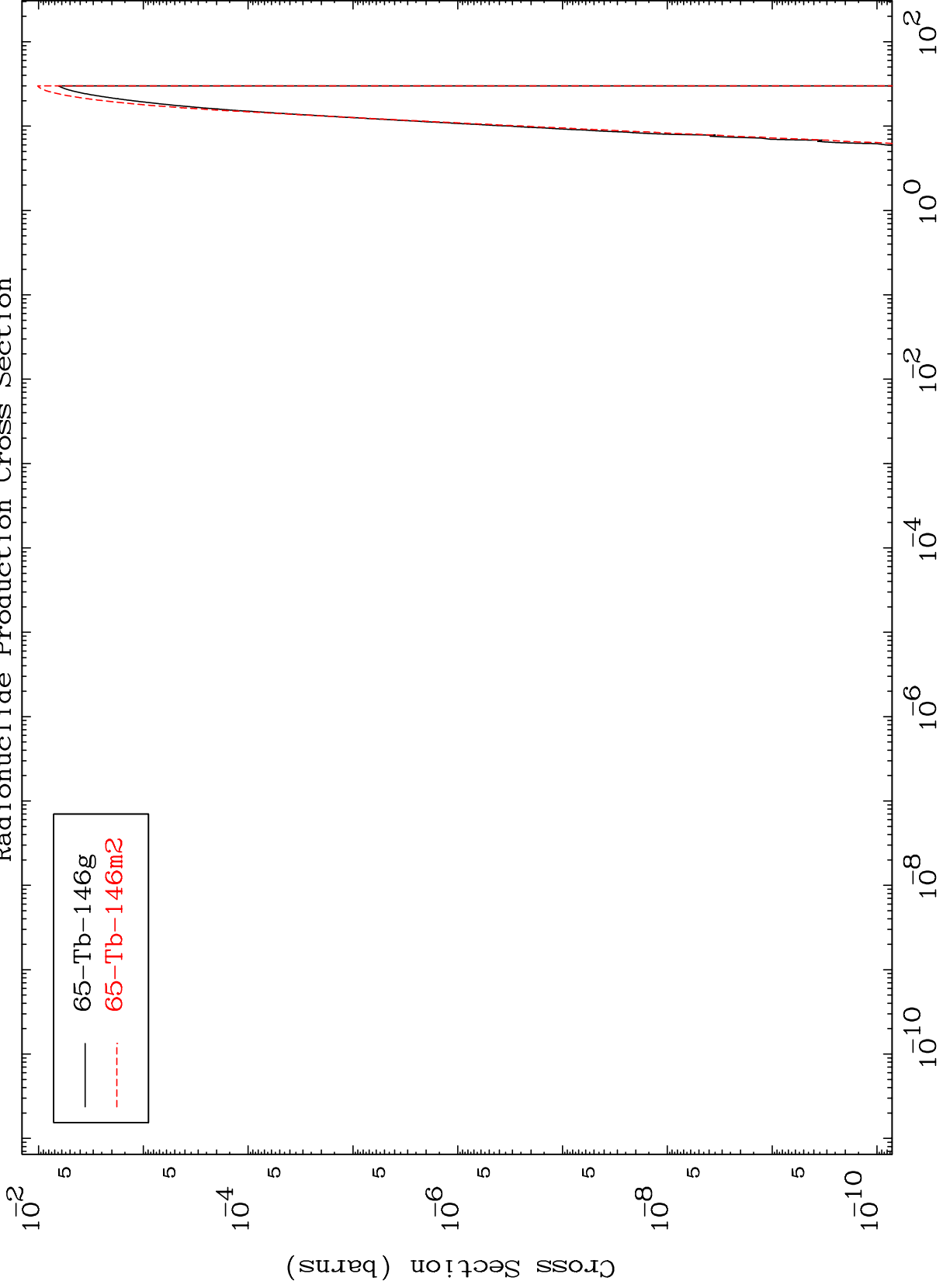


MAT 6674

(n,He-3)

67-Ho-148

Radionuclide Production Cross Section



69

Incident Energy (MeV)

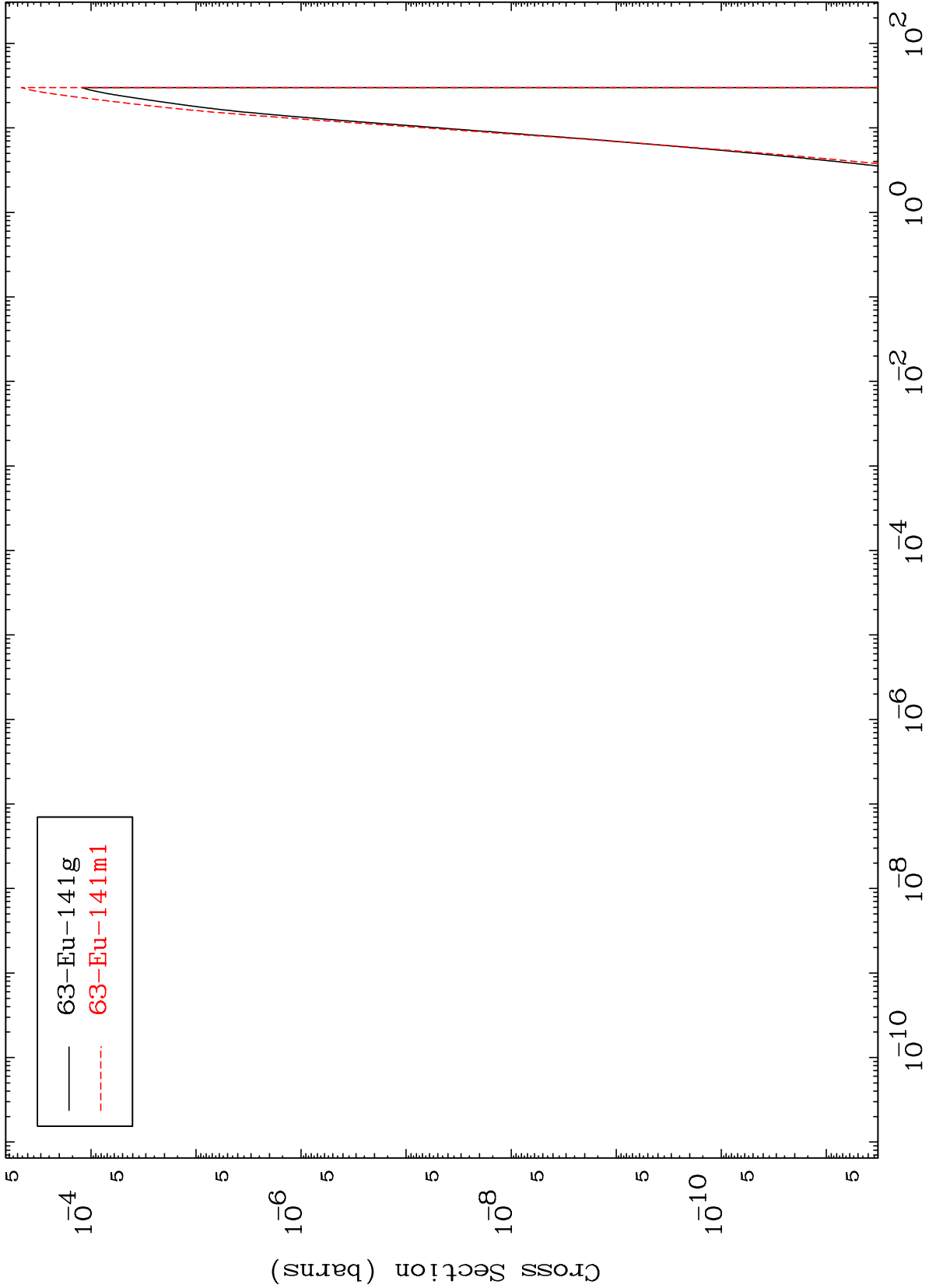
67-Ho-148

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(n,2α)

67-Ho-148

Radionuclide Production Cross Section



63-Eu-141g  
63-Eu-141m1

70

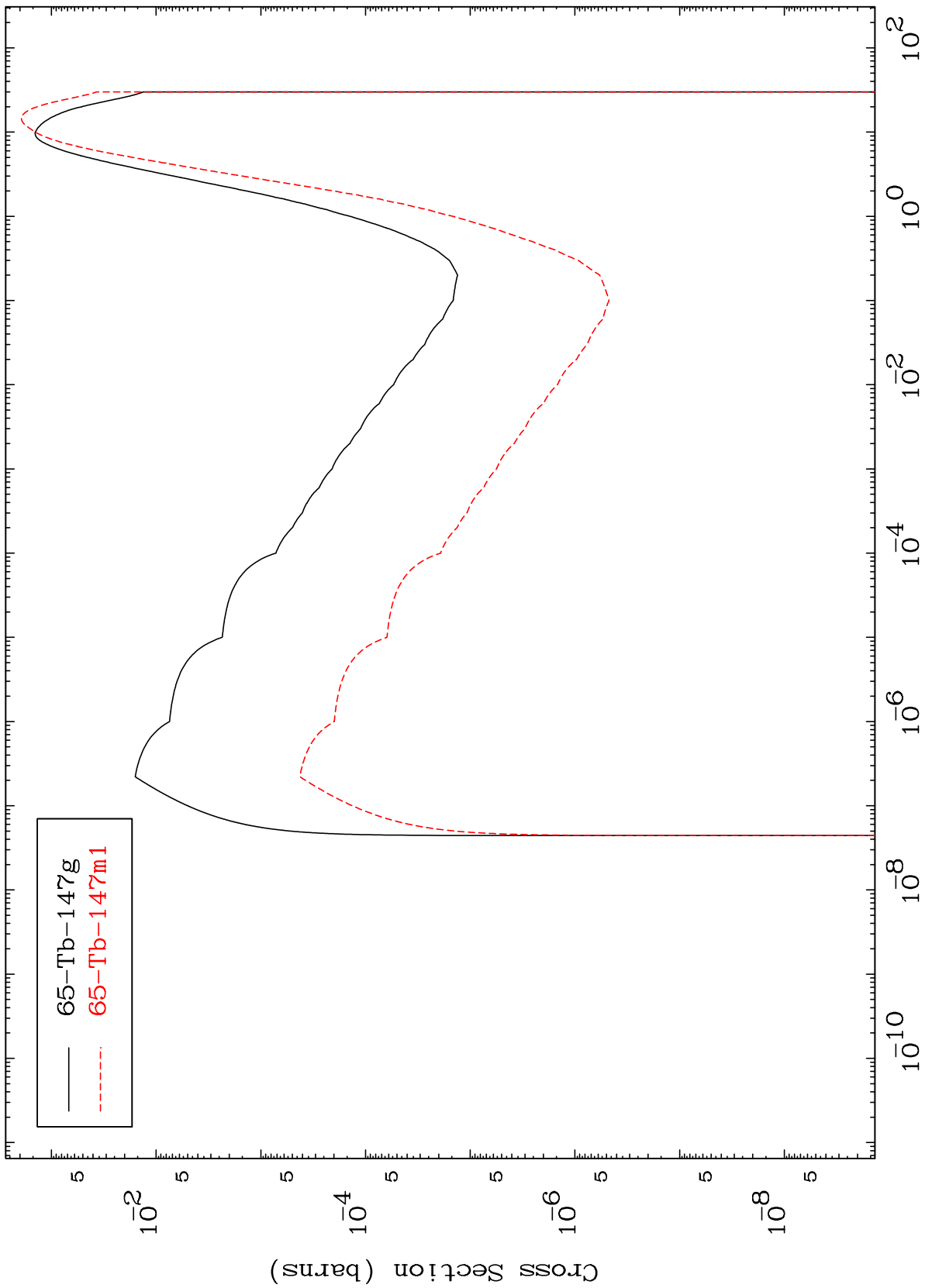
Incident Energy (MeV)

67-Ho-148

MAT 6674

67-Ho-148

Radionuclide Production Cross Section  
(n,2p)



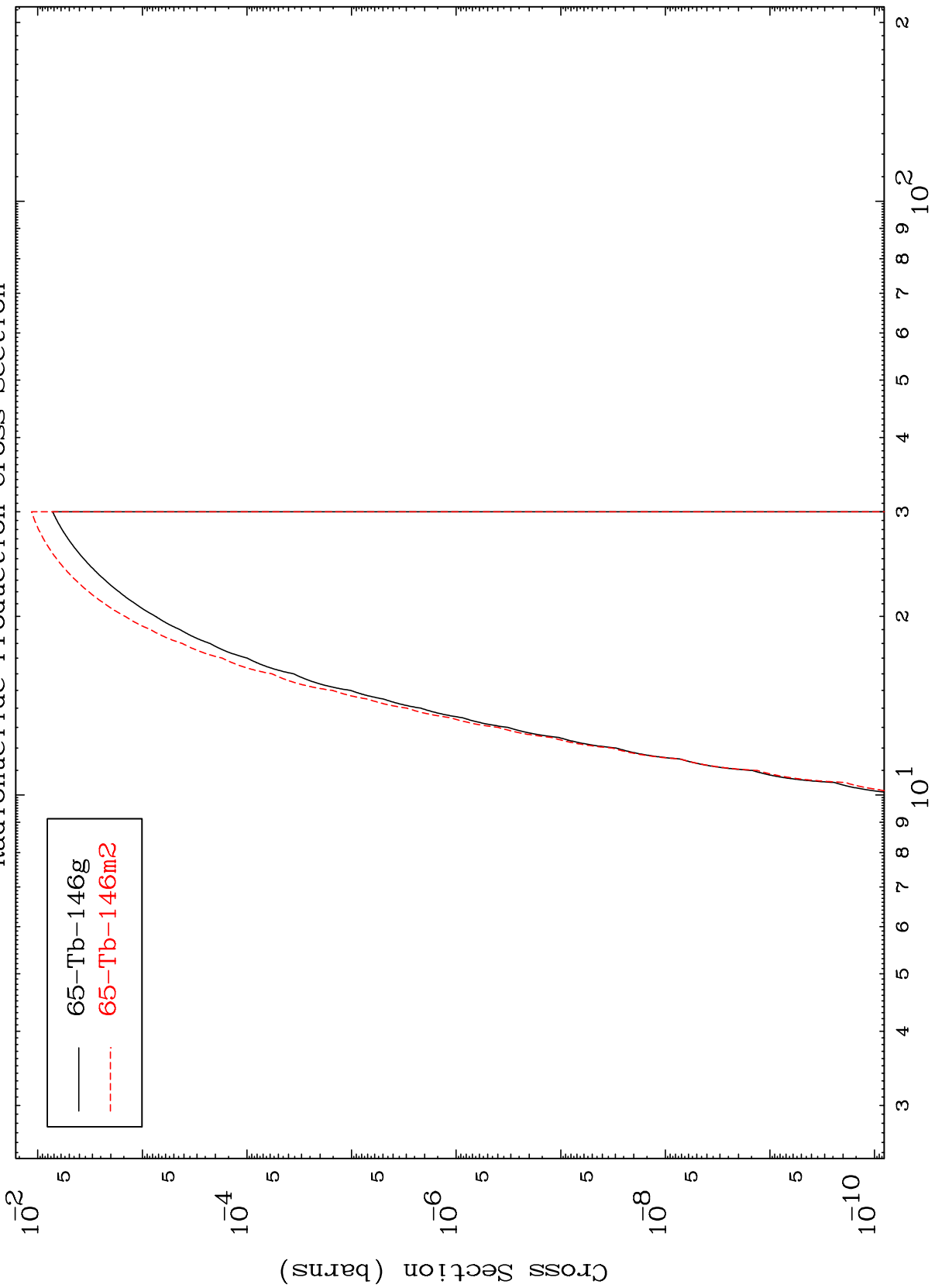
— 65-Tb-147g  
- - - 65-Tb-147m1

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(n,p) d

<sup>67</sup>Ho-148

Radionuclide Production Cross Section



65-Tb-146g  
65-Tb-146m2

72

Incident Energy (MeV)

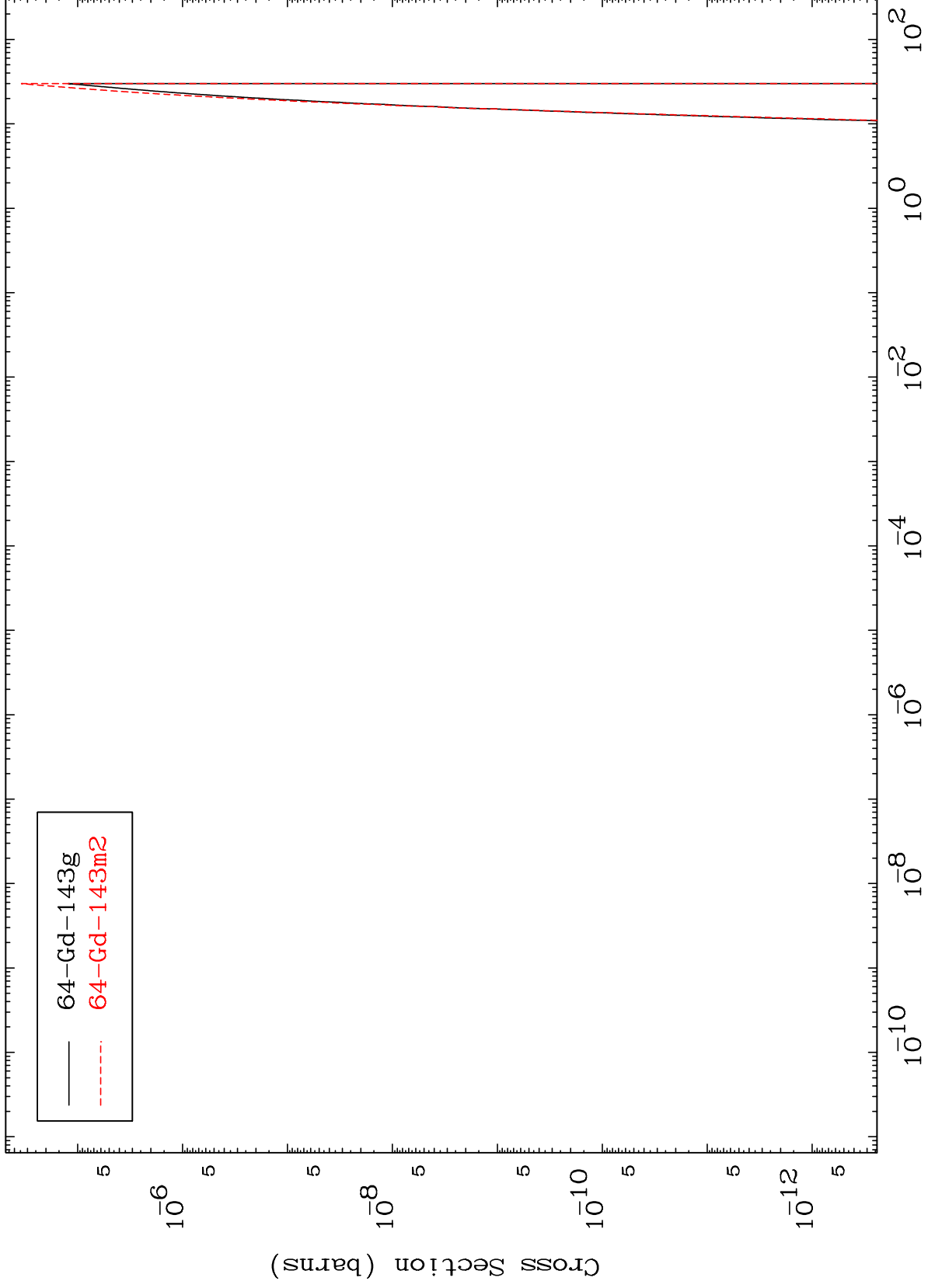
<sup>67</sup>Ho-148

MAT 6674

(n,d)  $\alpha$

$^{67}\text{Ho-148}$

Radionuclide Production Cross Section



73

Incident Energy (MeV)

$^{67}\text{Ho-148}$