

Program EVALPLOT
(Version 2021-1)

by

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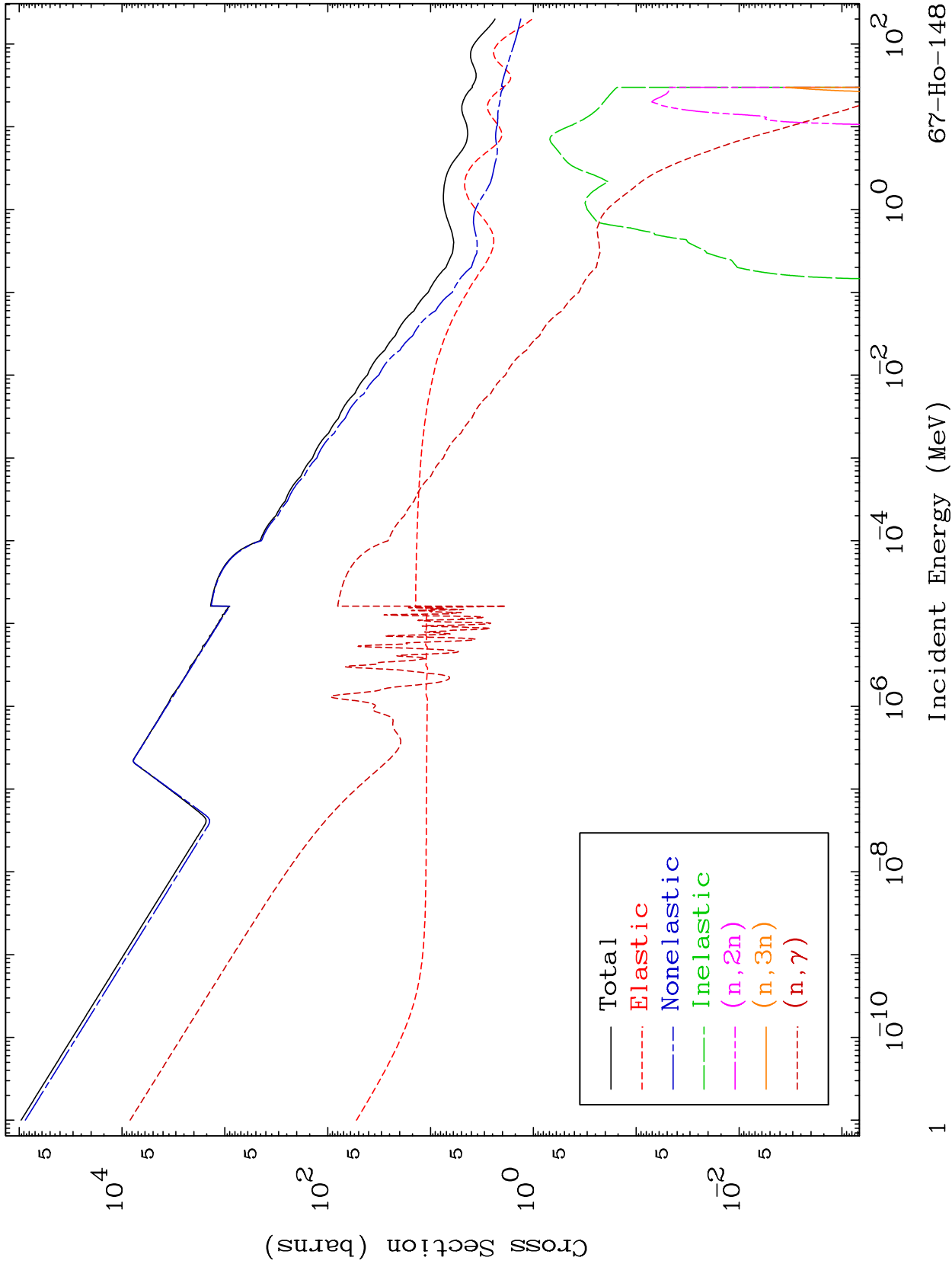
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Press Mouse Button to Start

MAT 6674

Neutron Major
293 Kelvin Cross Sections

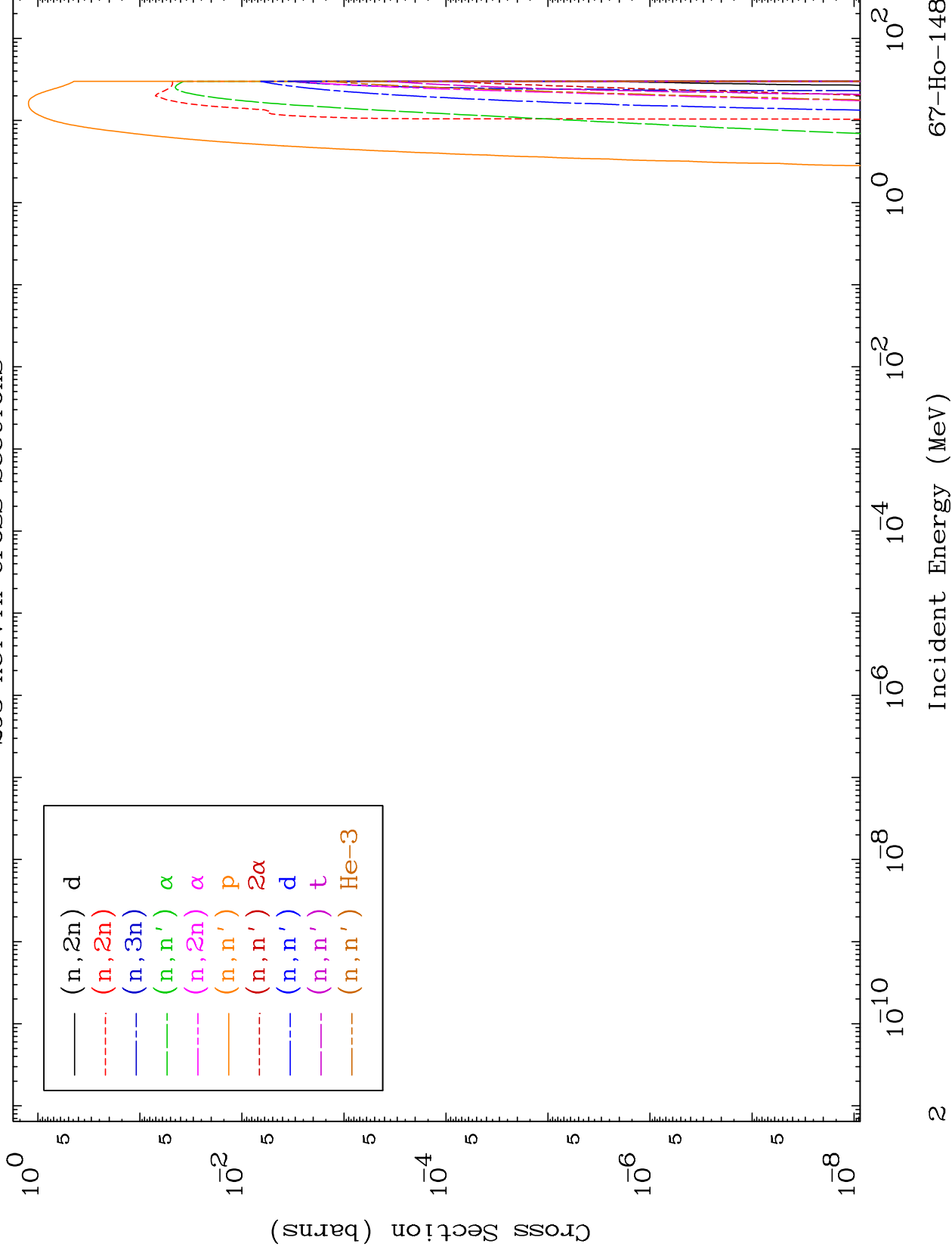
67-Ho-148



MAT 6674

Neutron Absorption
293 Kelvin Cross Sections

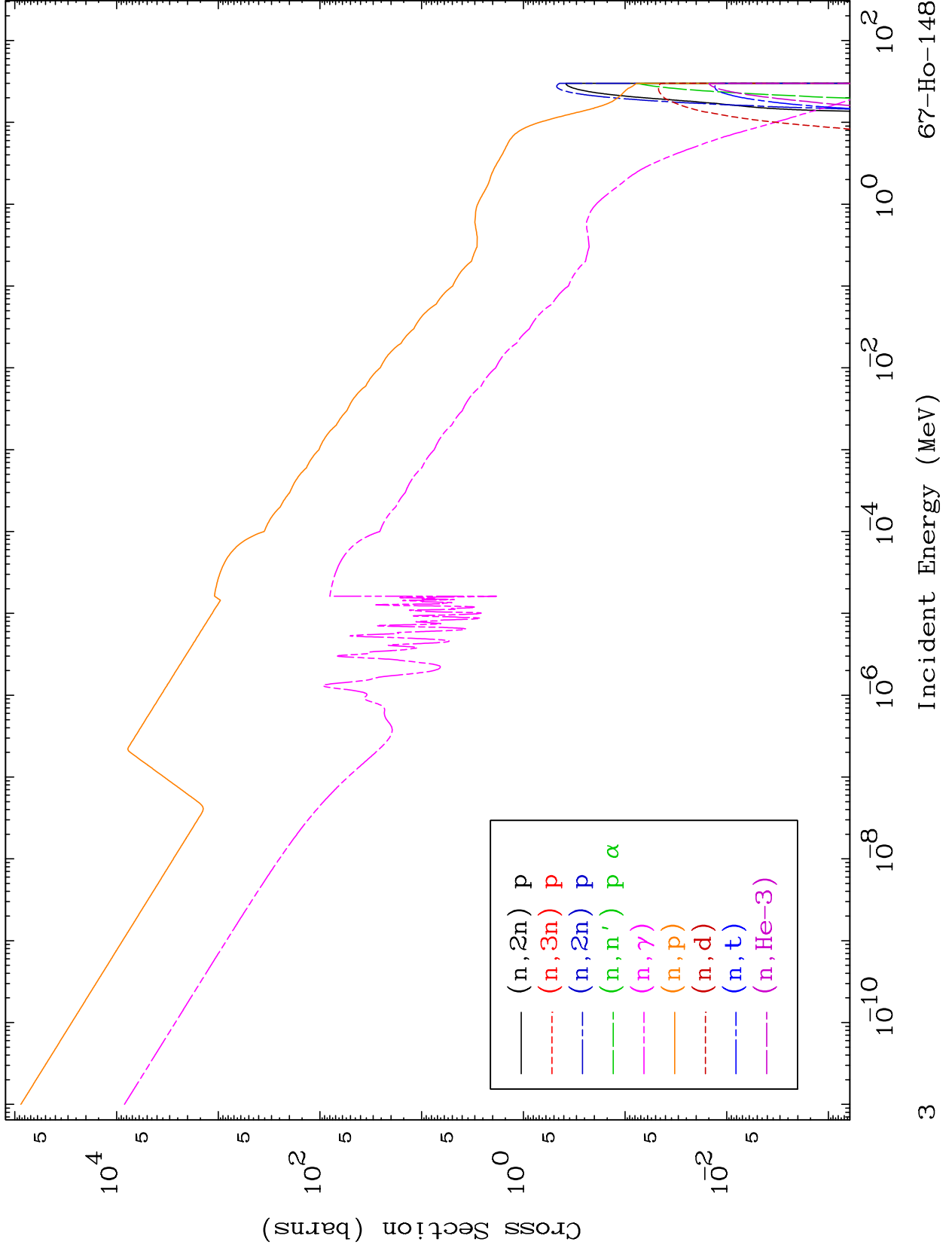
67-Ho-148



MAT 6674

Neutron Absorption
293 Kelvin Cross Sections

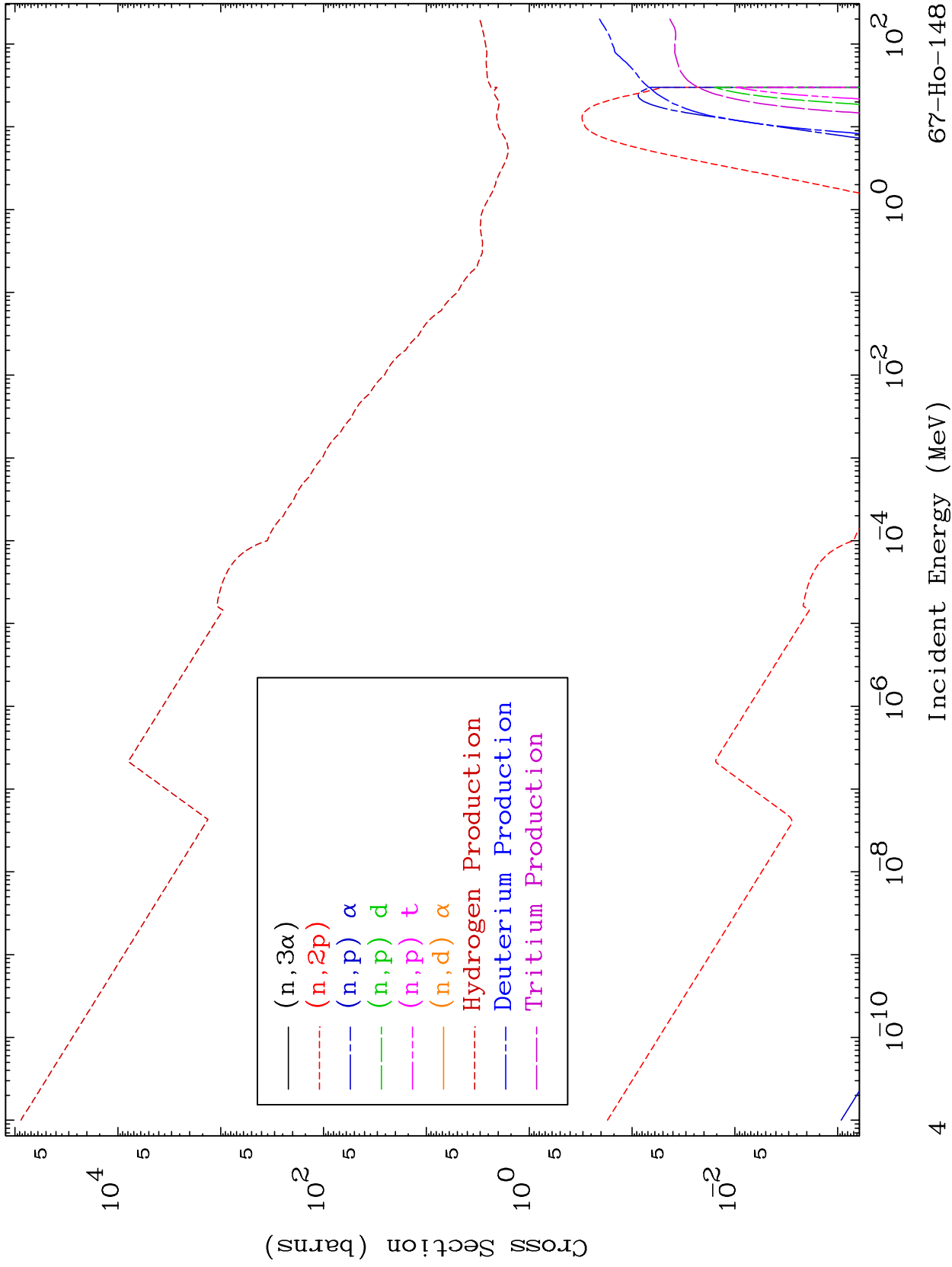
67-Ho-148



MAT 6674

Neutron Absorption
293 Kelvin Cross Sections

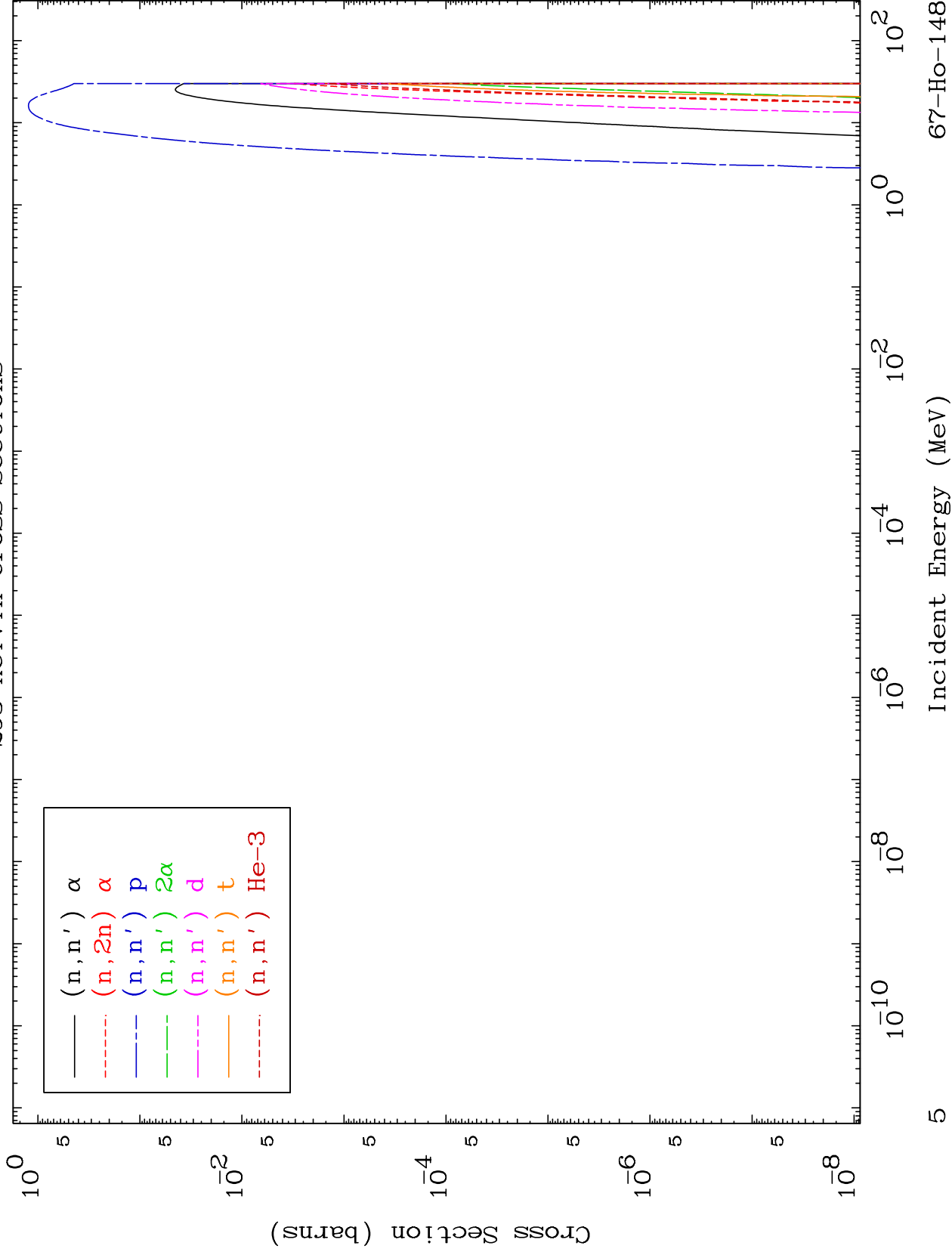
67-Ho-148



MAT 6674

Charged Particle
293 Kelvin Cross Sections

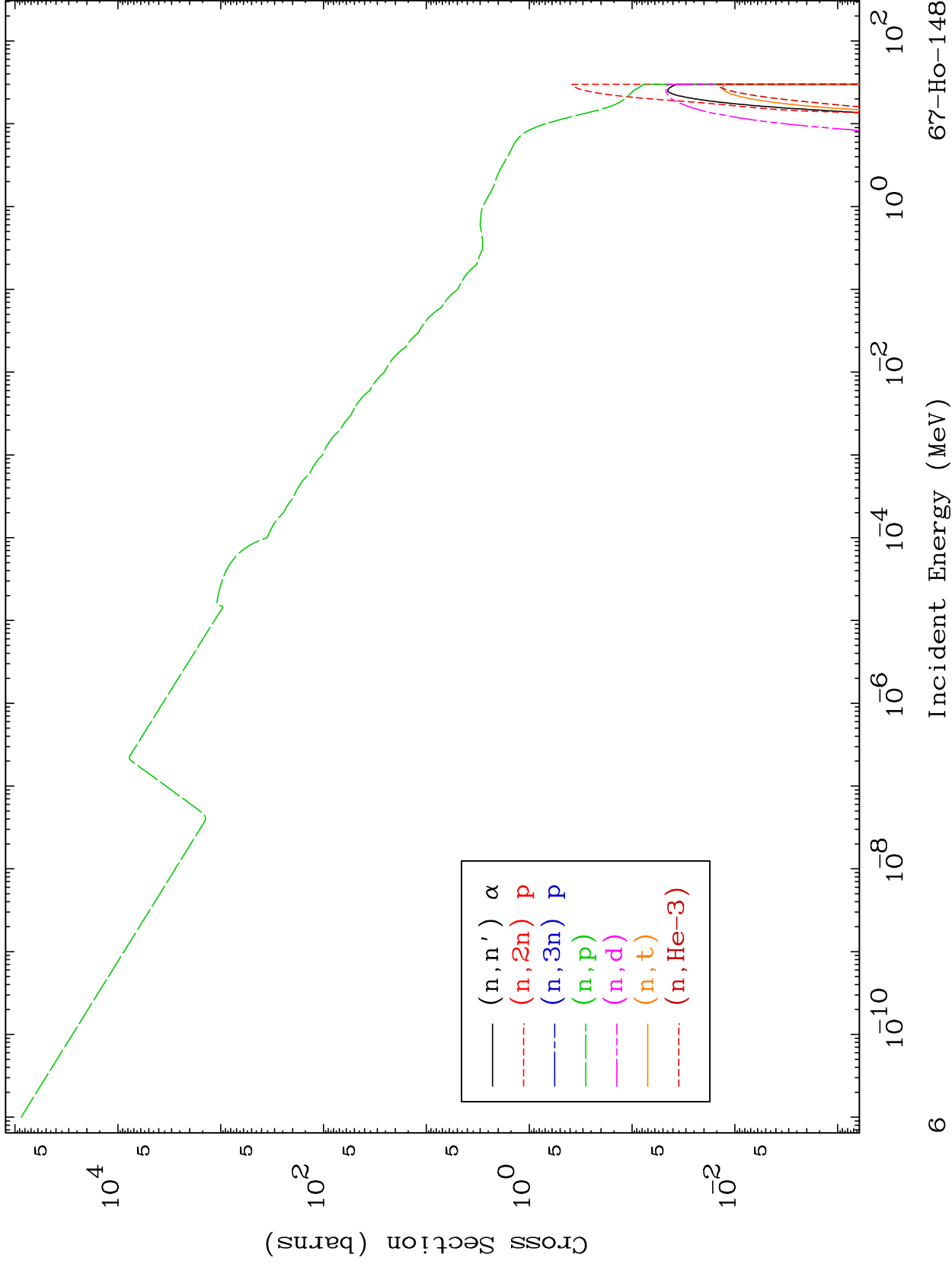
67-Ho-148



MAT 6674

Charged Particle
293 Kelvin Cross Sections

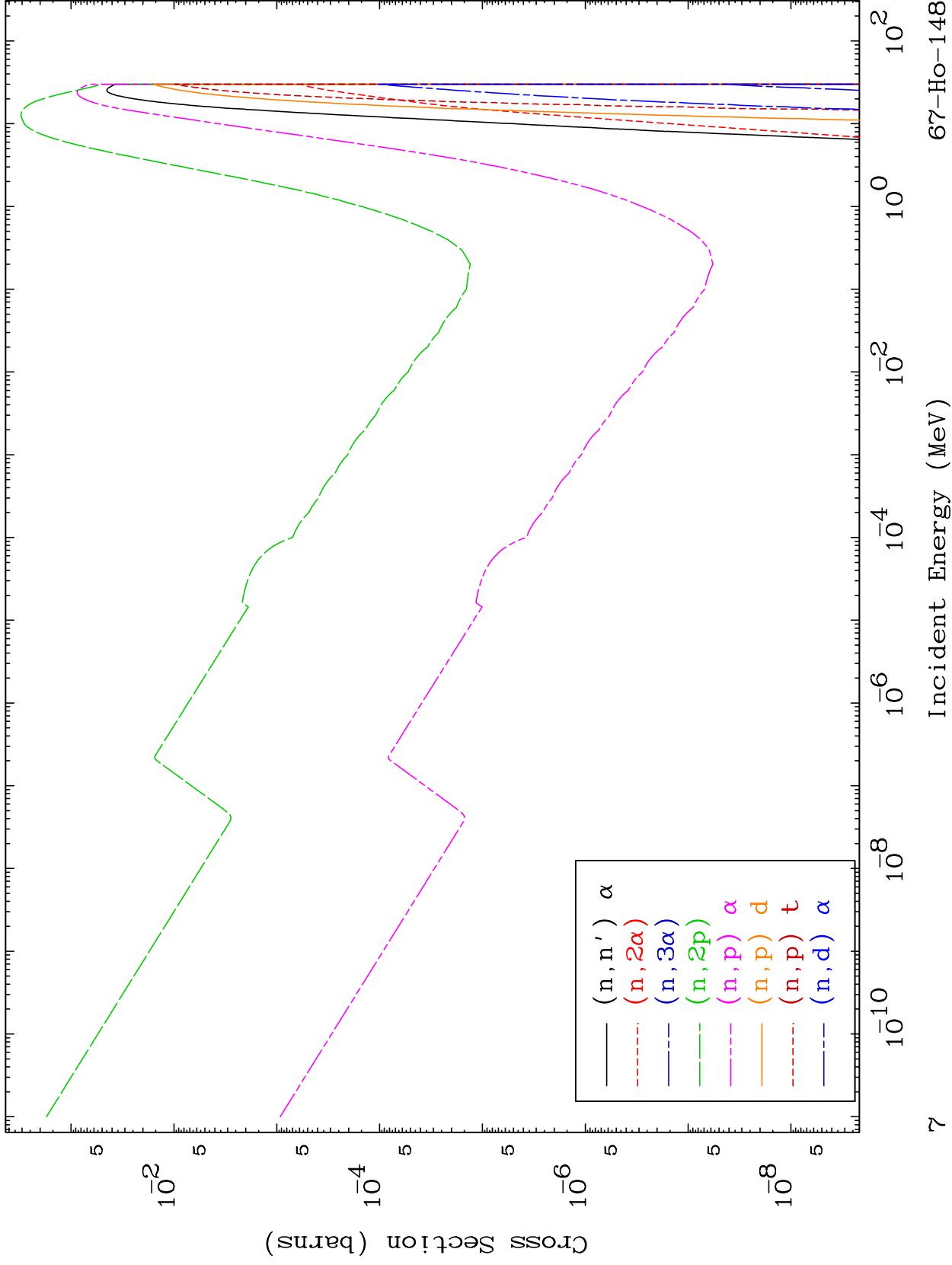
67-Ho-148



MAT 6674

Charged Particle
293 Kelvin Cross Sections

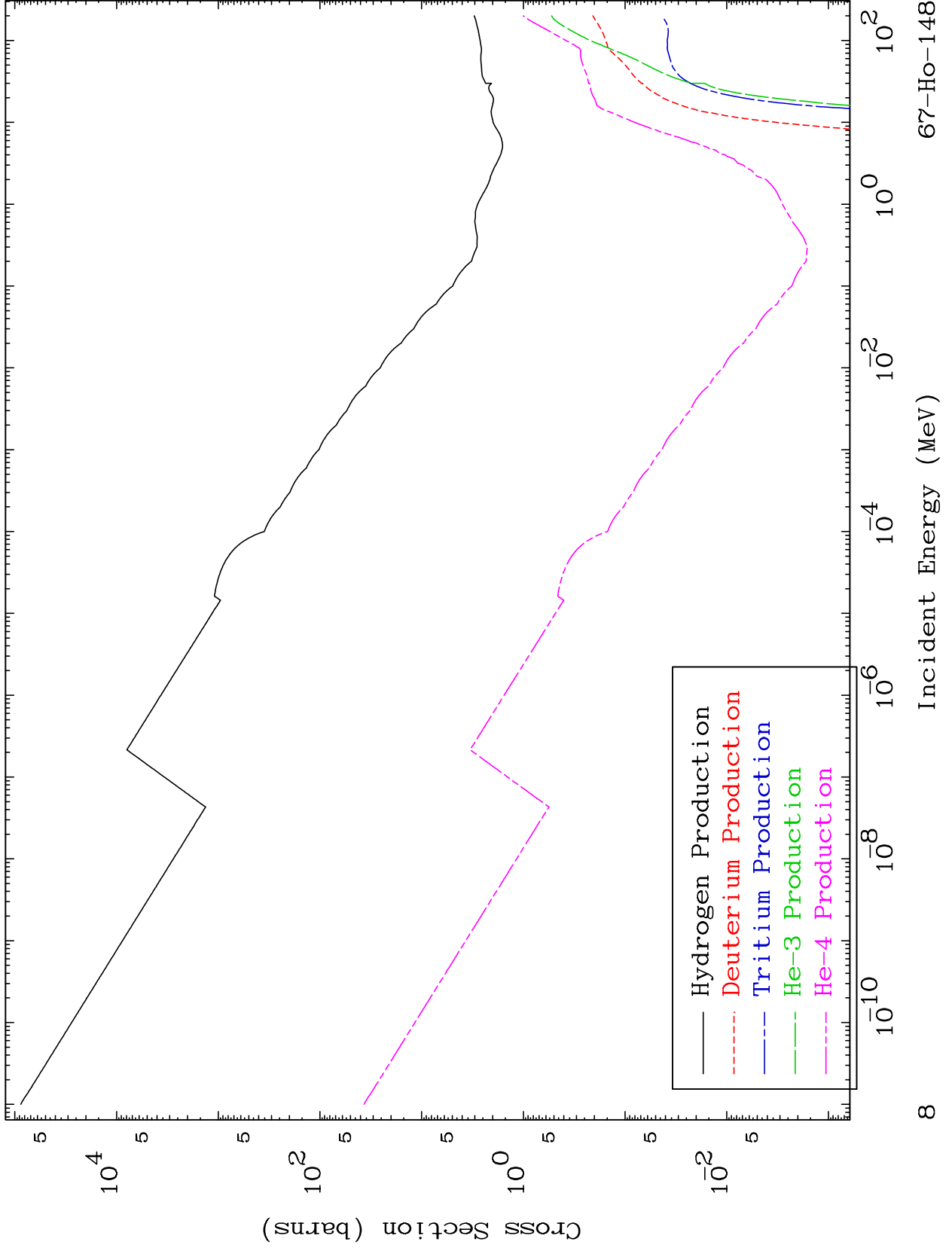
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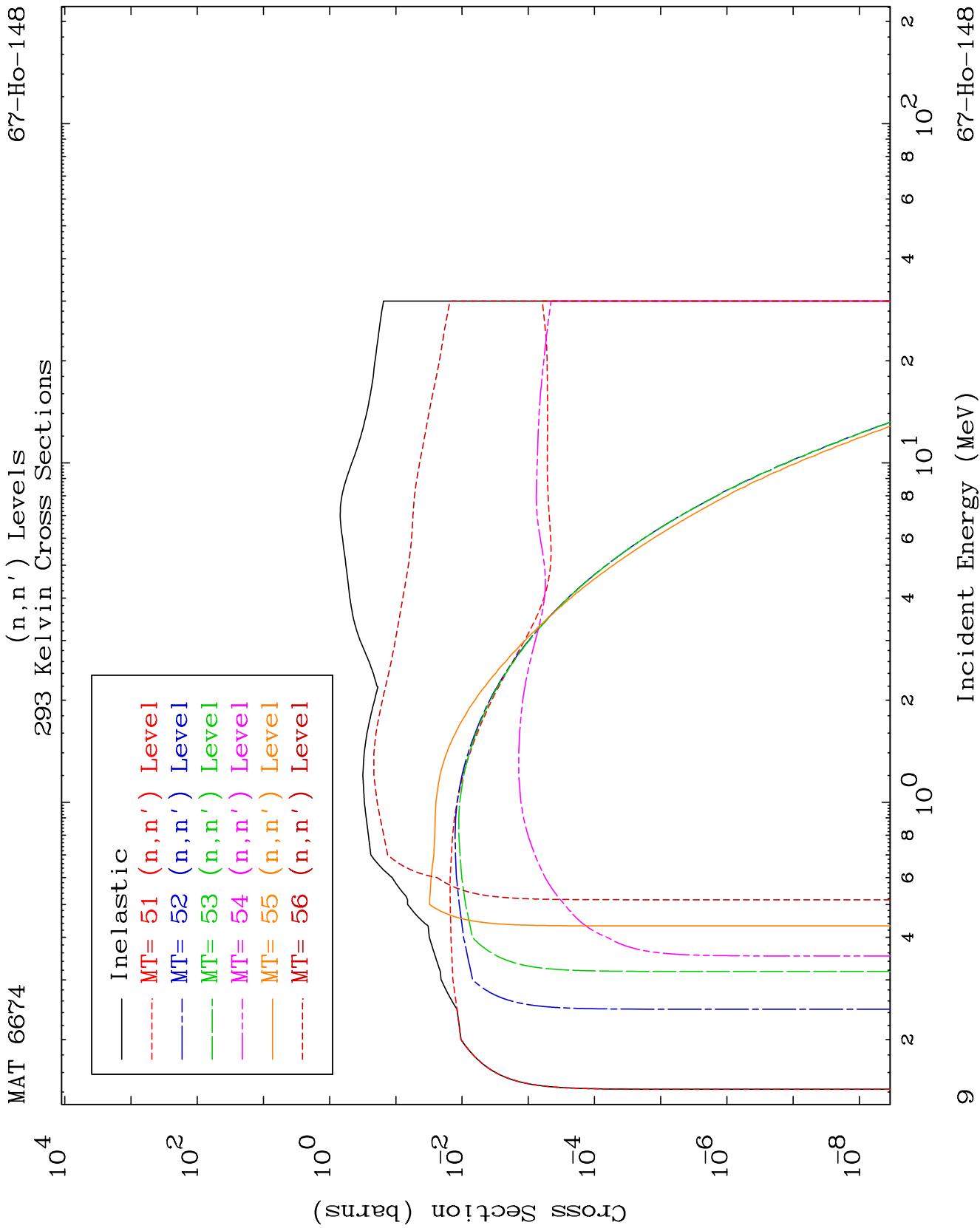


MAT 6674

Particle Production
293 Kelvin Cross Sections

67-Ho-148

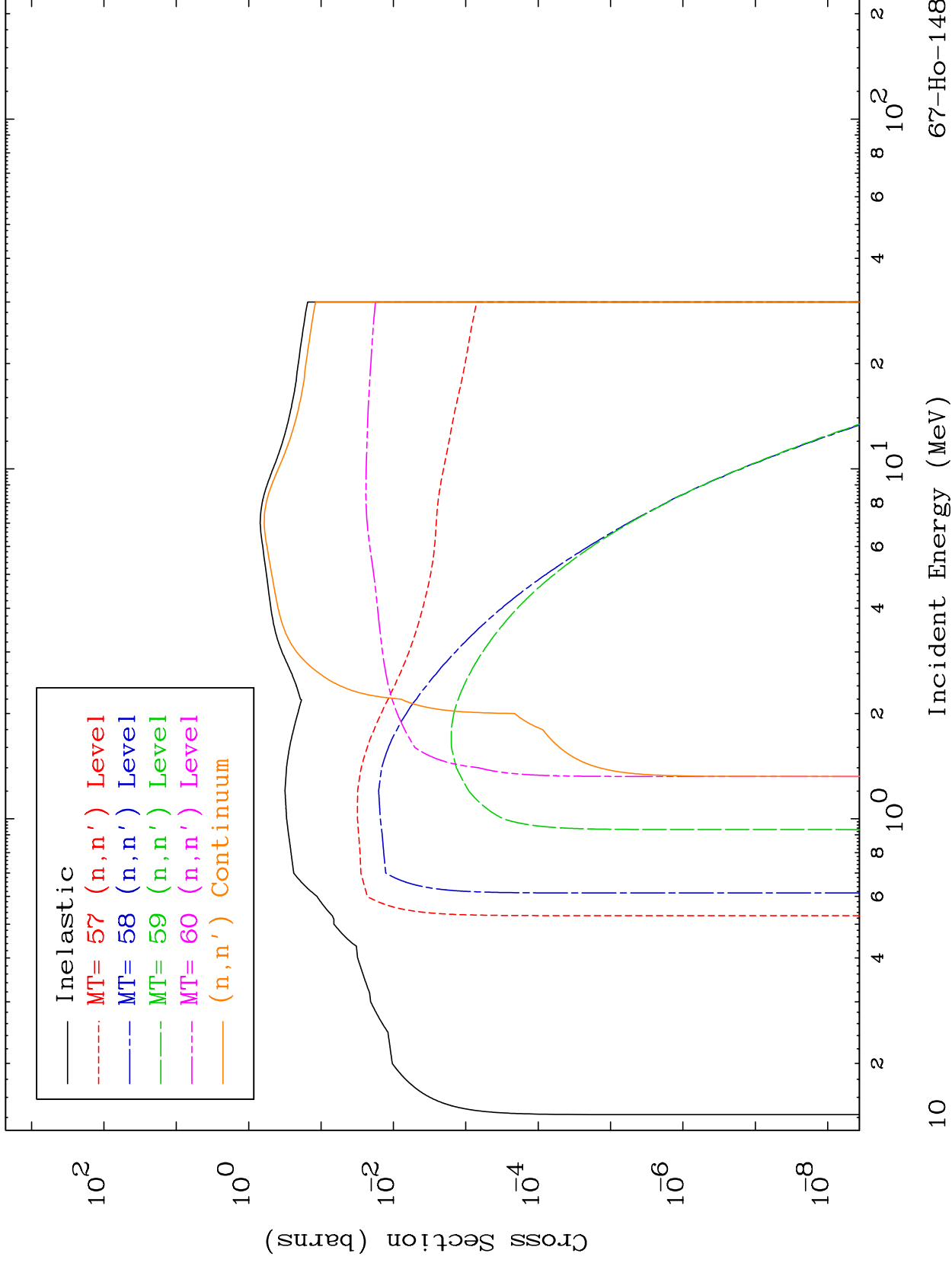




MAT 6674

(n,n') Levels
293 Kelvin Cross Sections

67-Ho-148



10

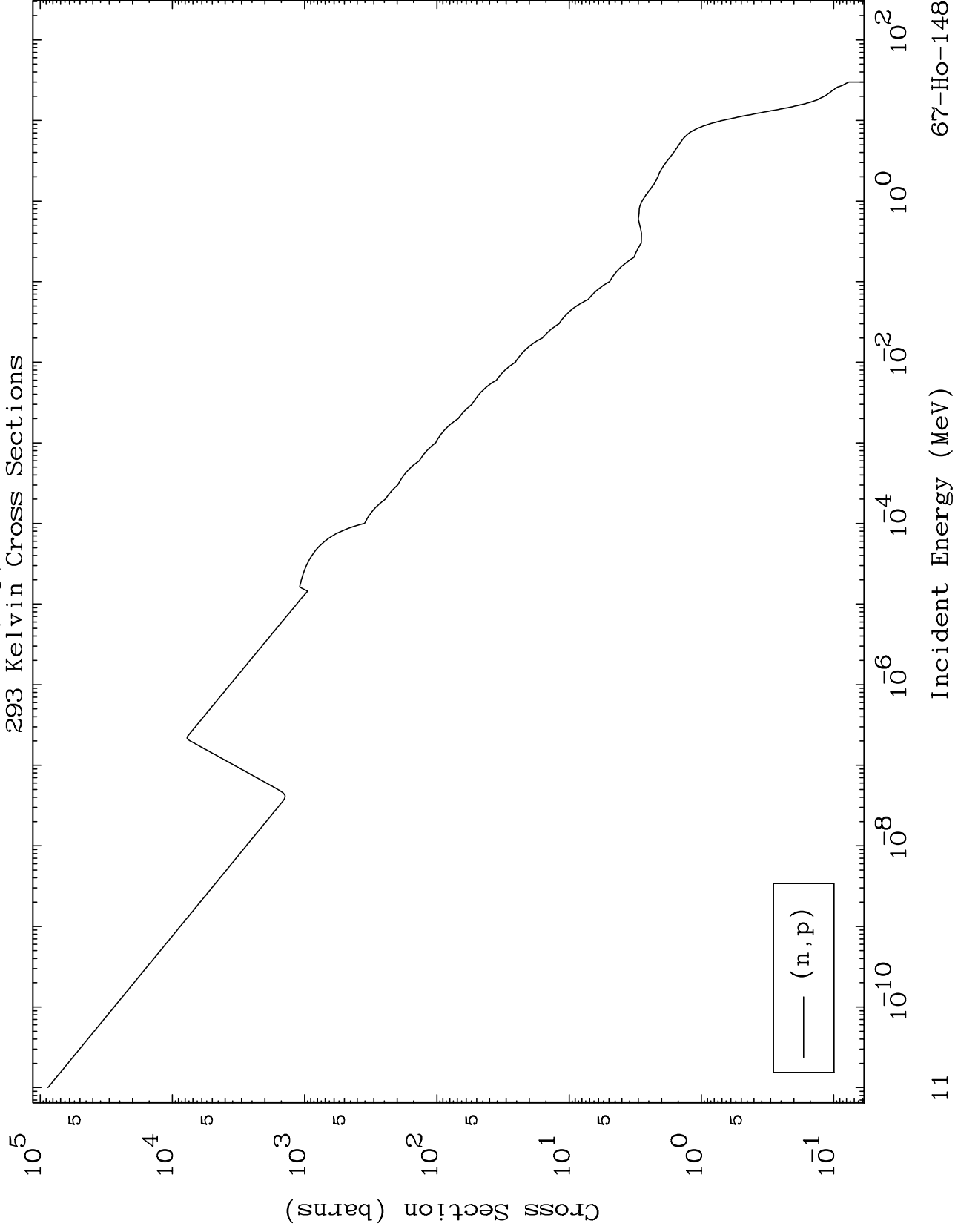
Incident Energy (MeV)

67-Ho-148

MAT 6674

(n,p) Levels
293 Kelvin Cross Sections

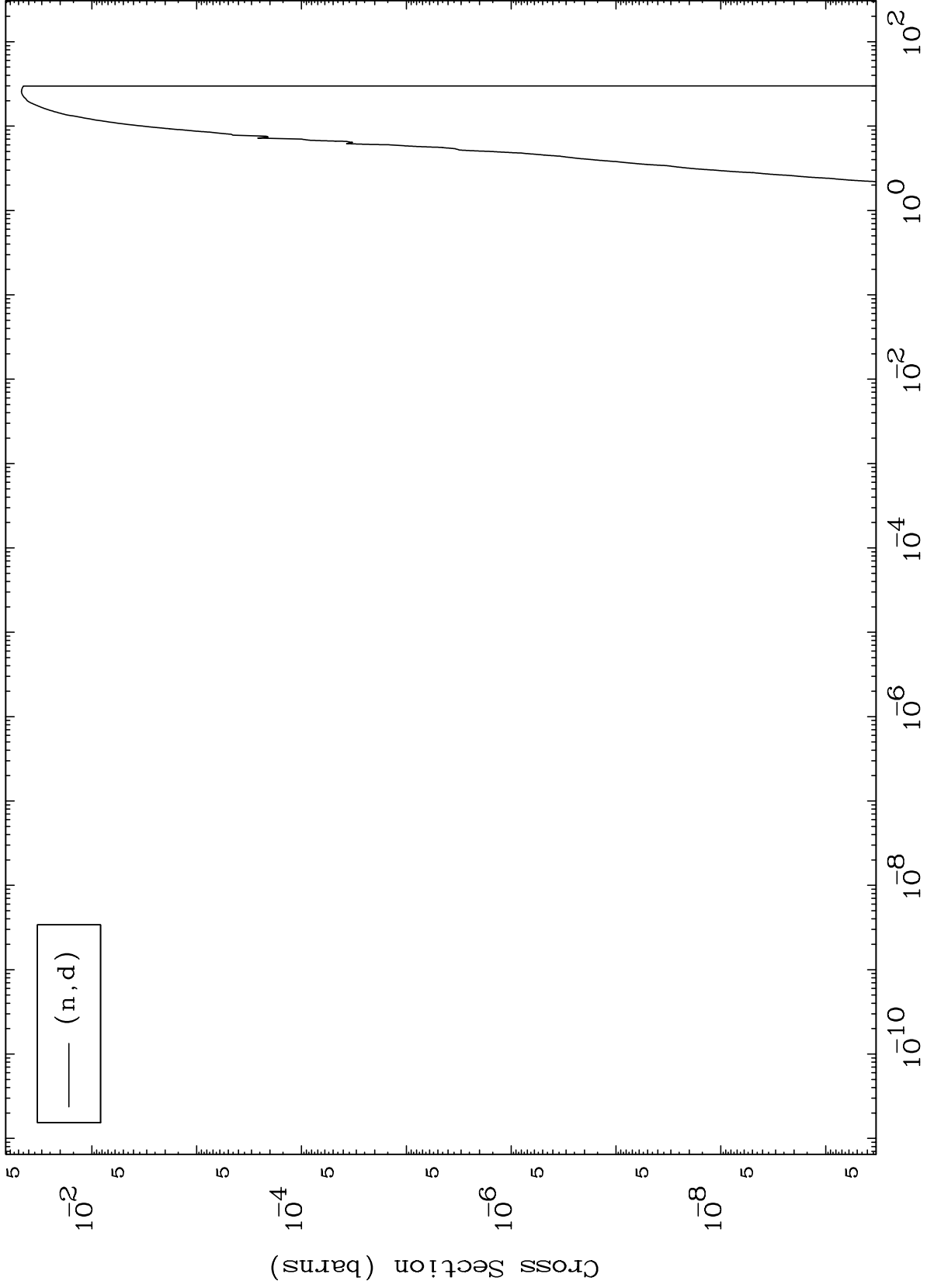
67-Ho-148



MAT 6674

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-148



12

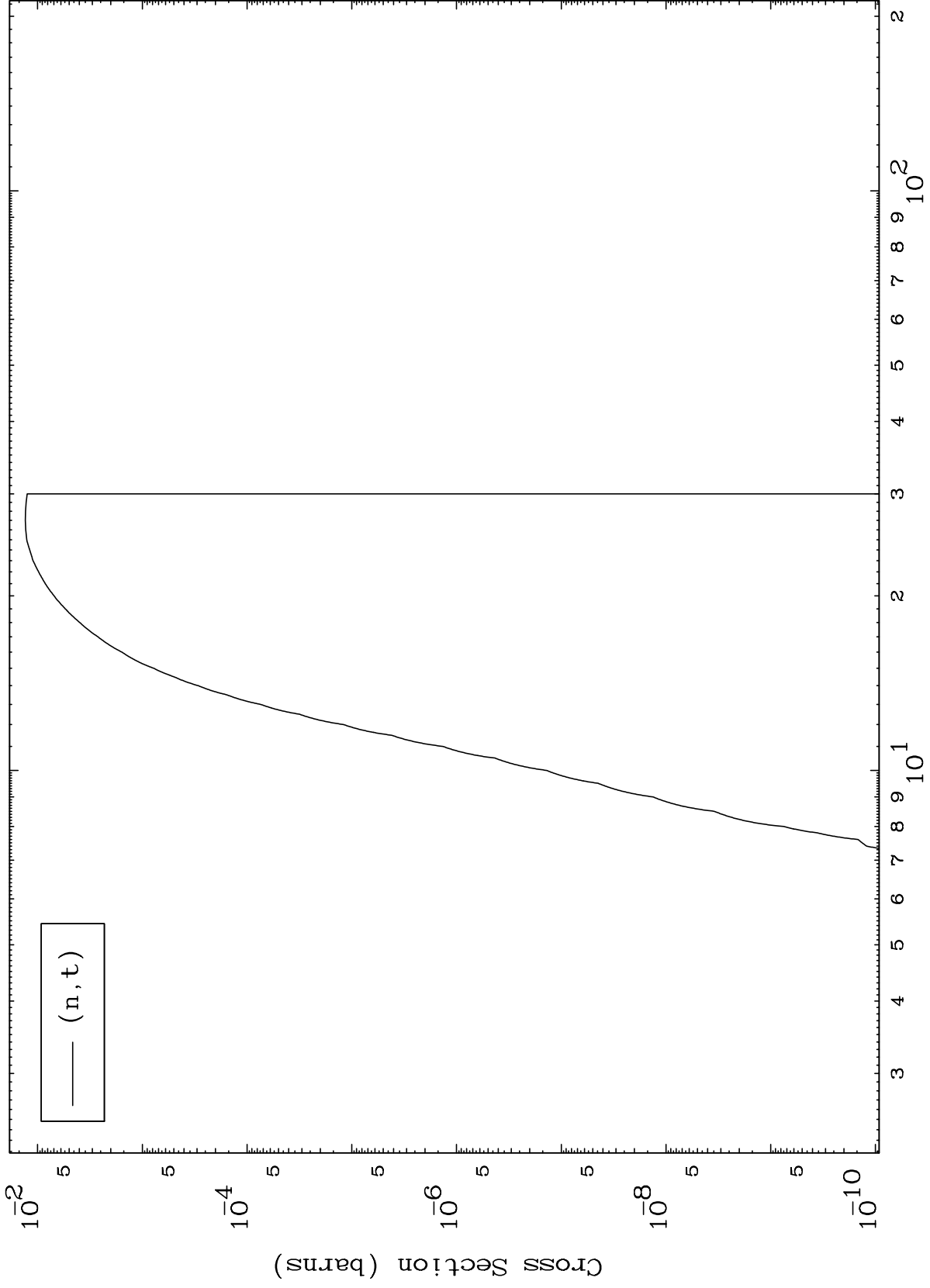
Incident Energy (MeV)

67-Ho-148

MAT 6674

(n,t) Levels
293 Kelvin Cross Sections

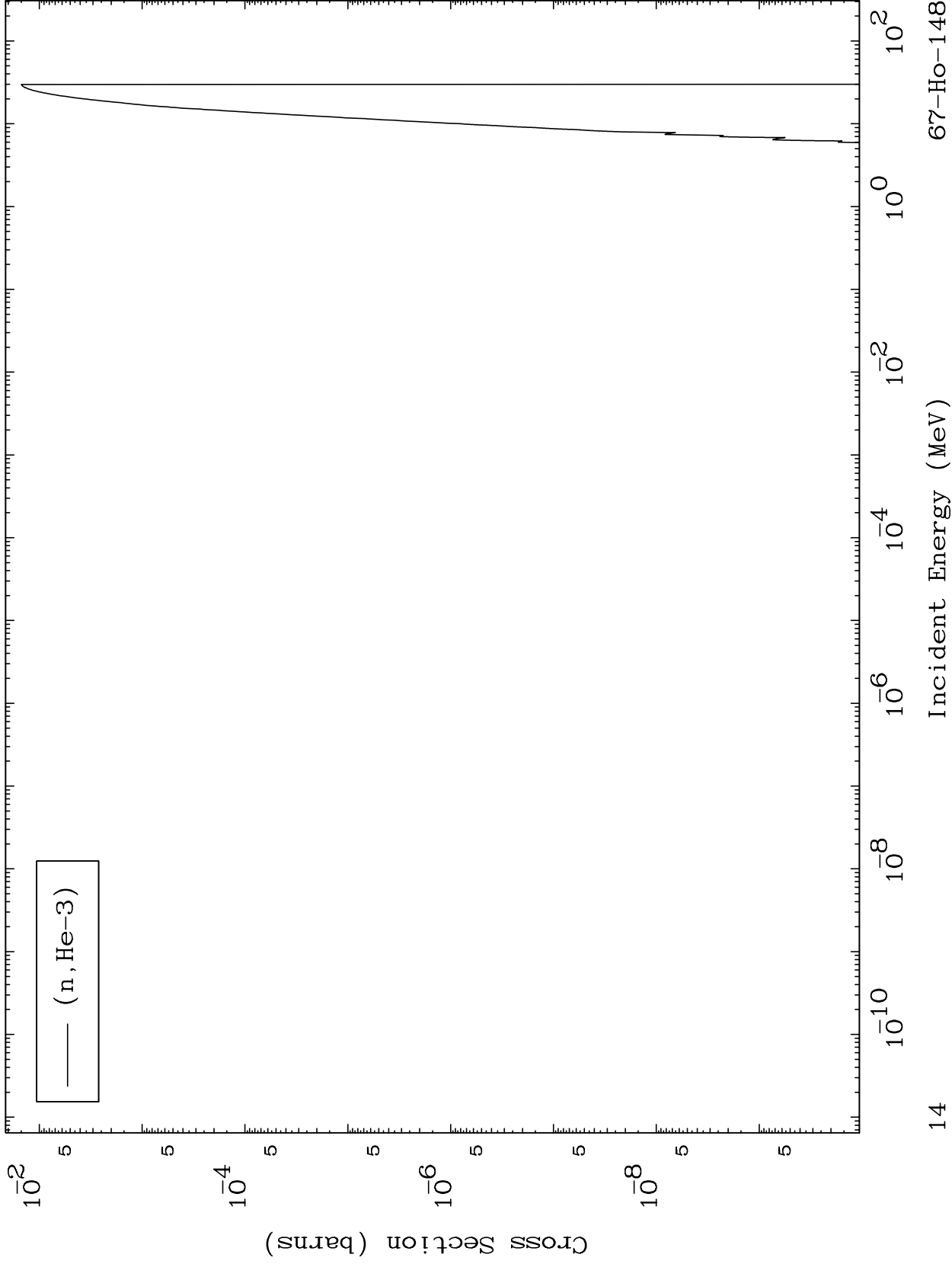
67-Ho-148



MAT 6674

(n,He3) Levels
293 Kelvin Cross Sections

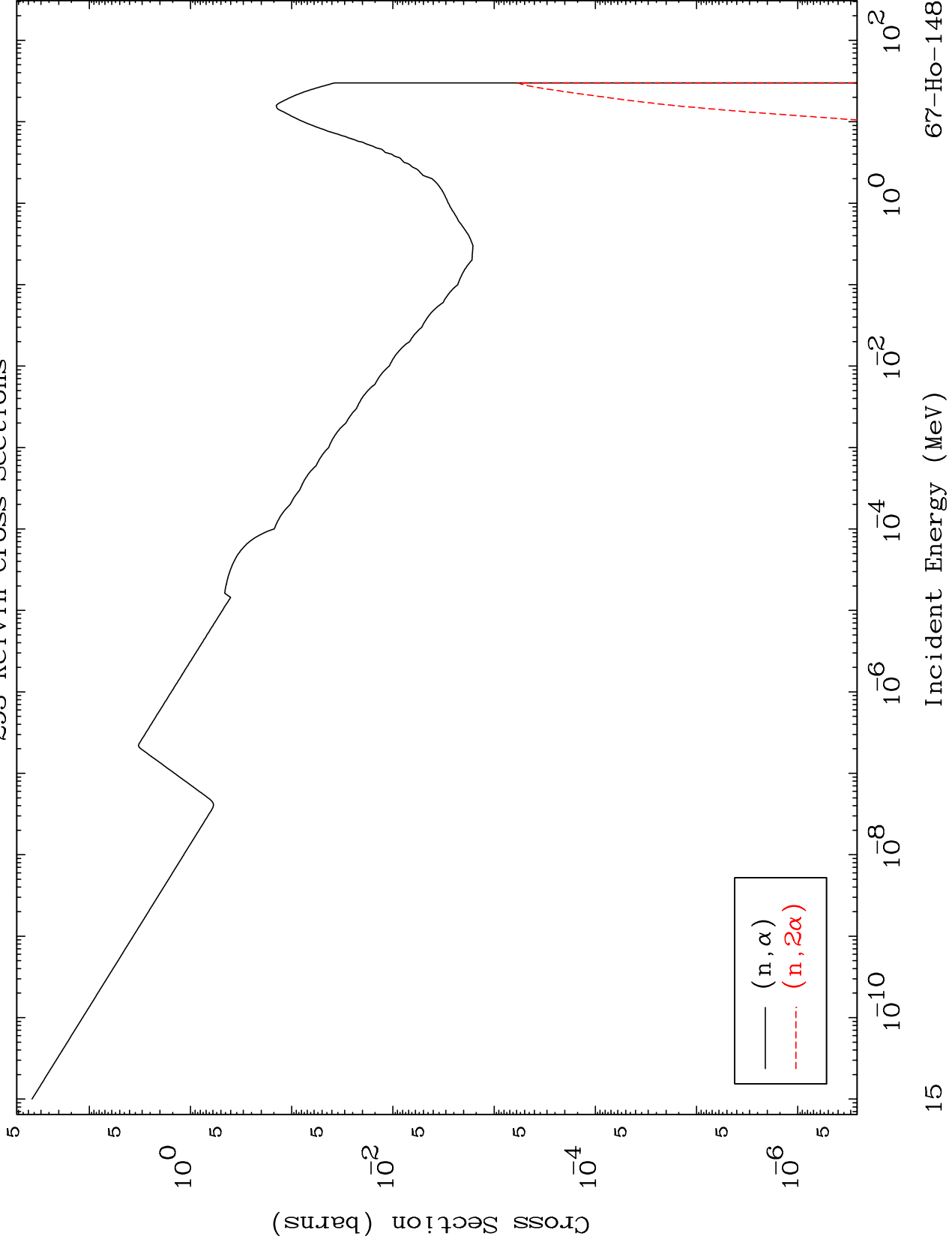
67-Ho-148



MAT 6674

(n, α) Levels
293 Kelvin Cross Sections

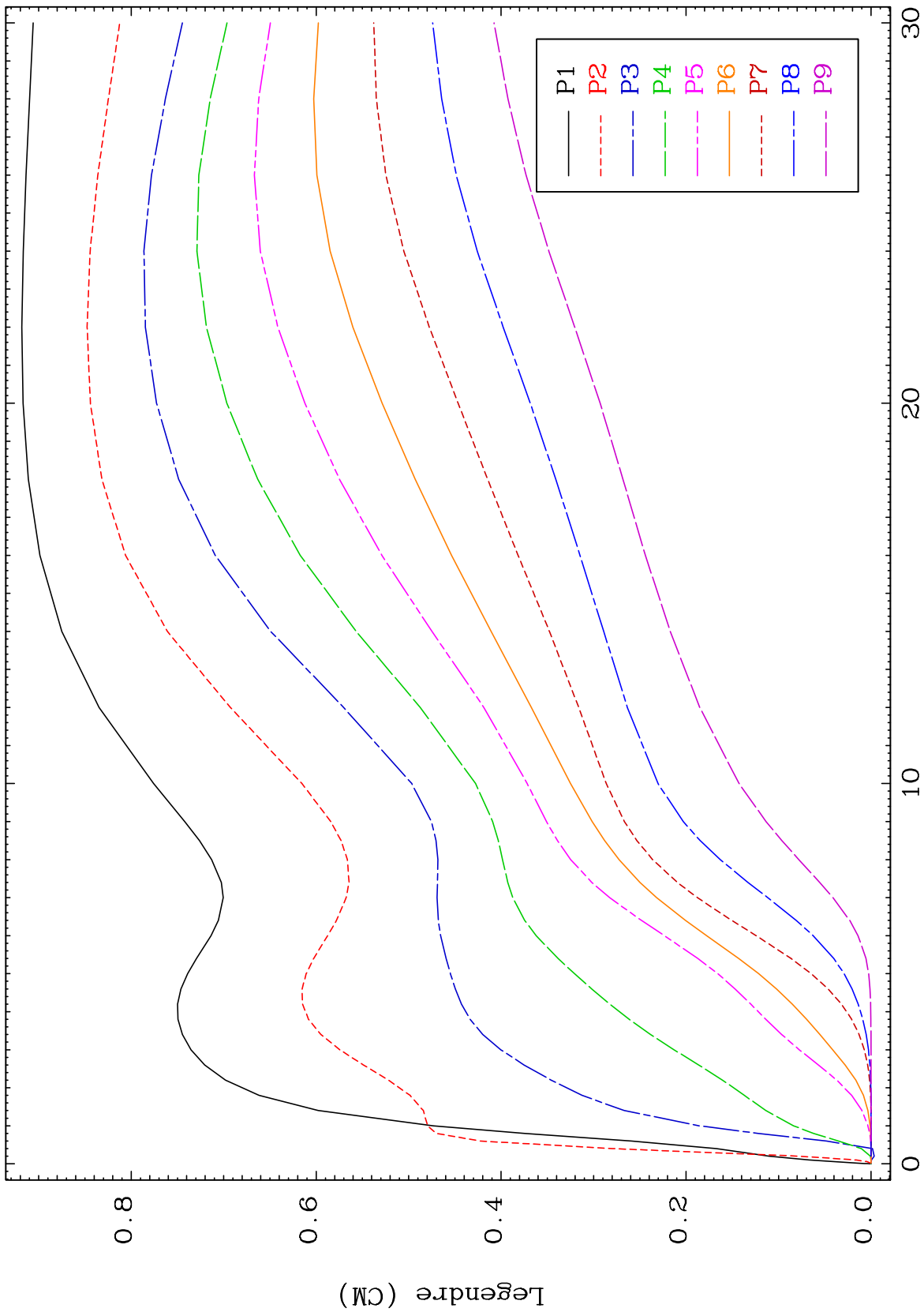
67-Ho-148



MAT 6674

Elastic Legendre Coefficients

67-Ho-148



16

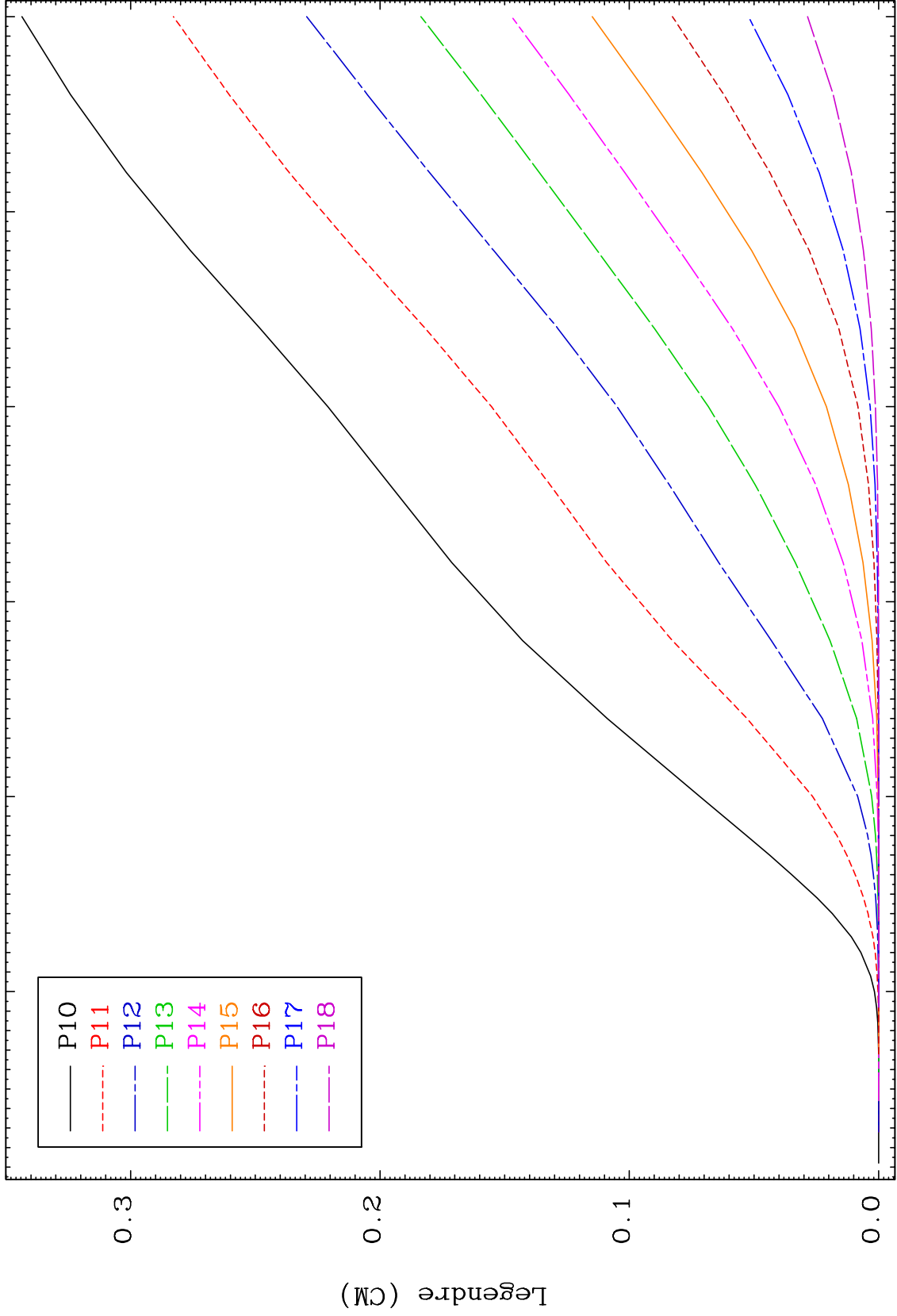
Incident Energy (MeV)

67-Ho-148

MAT 6674

Elastic
Legendre Coefficients

67-Ho-148



17

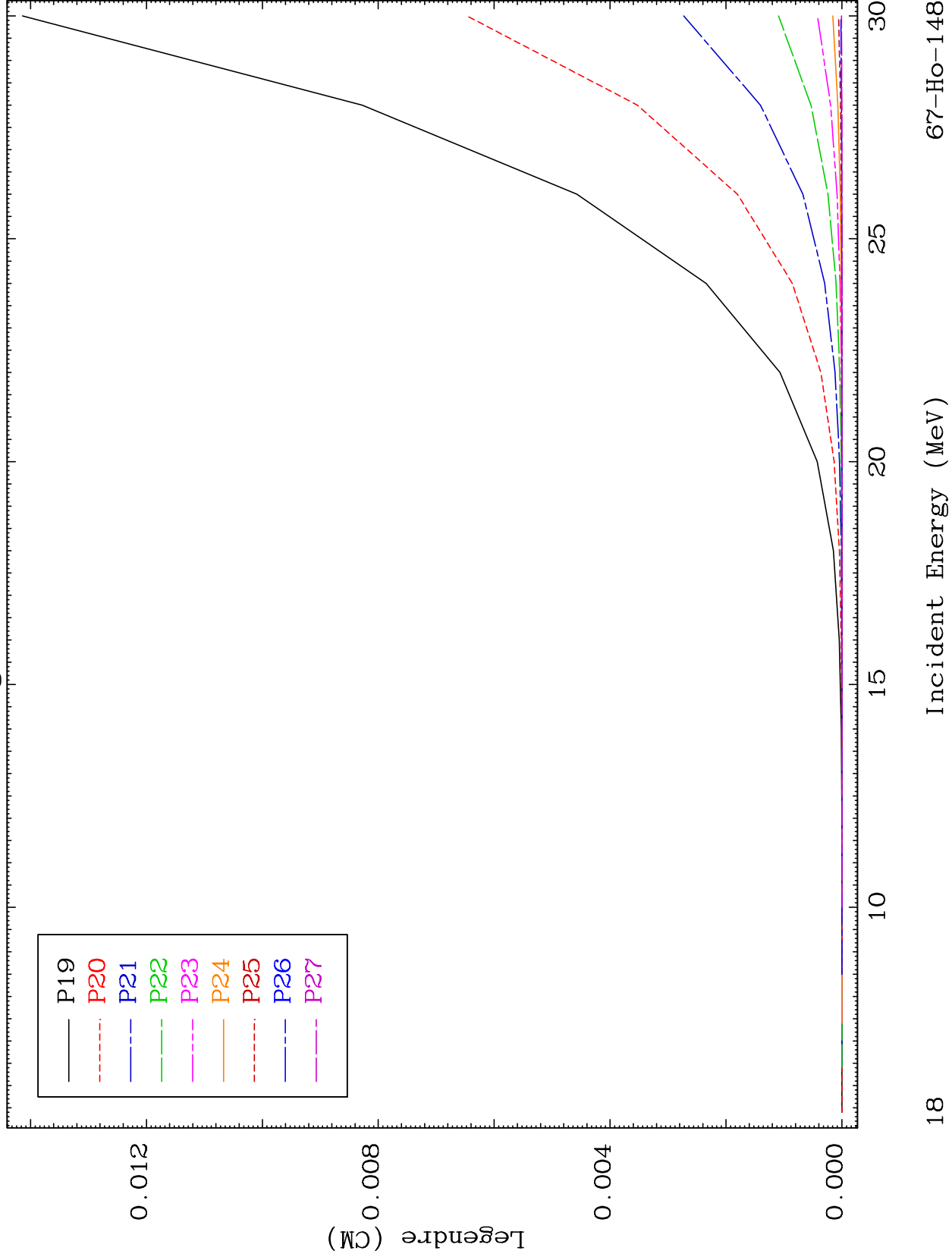
Incident Energy (MeV)

67-Ho-148

MAT 6674

Elastic Legendre Coefficients

67-Ho-148



18

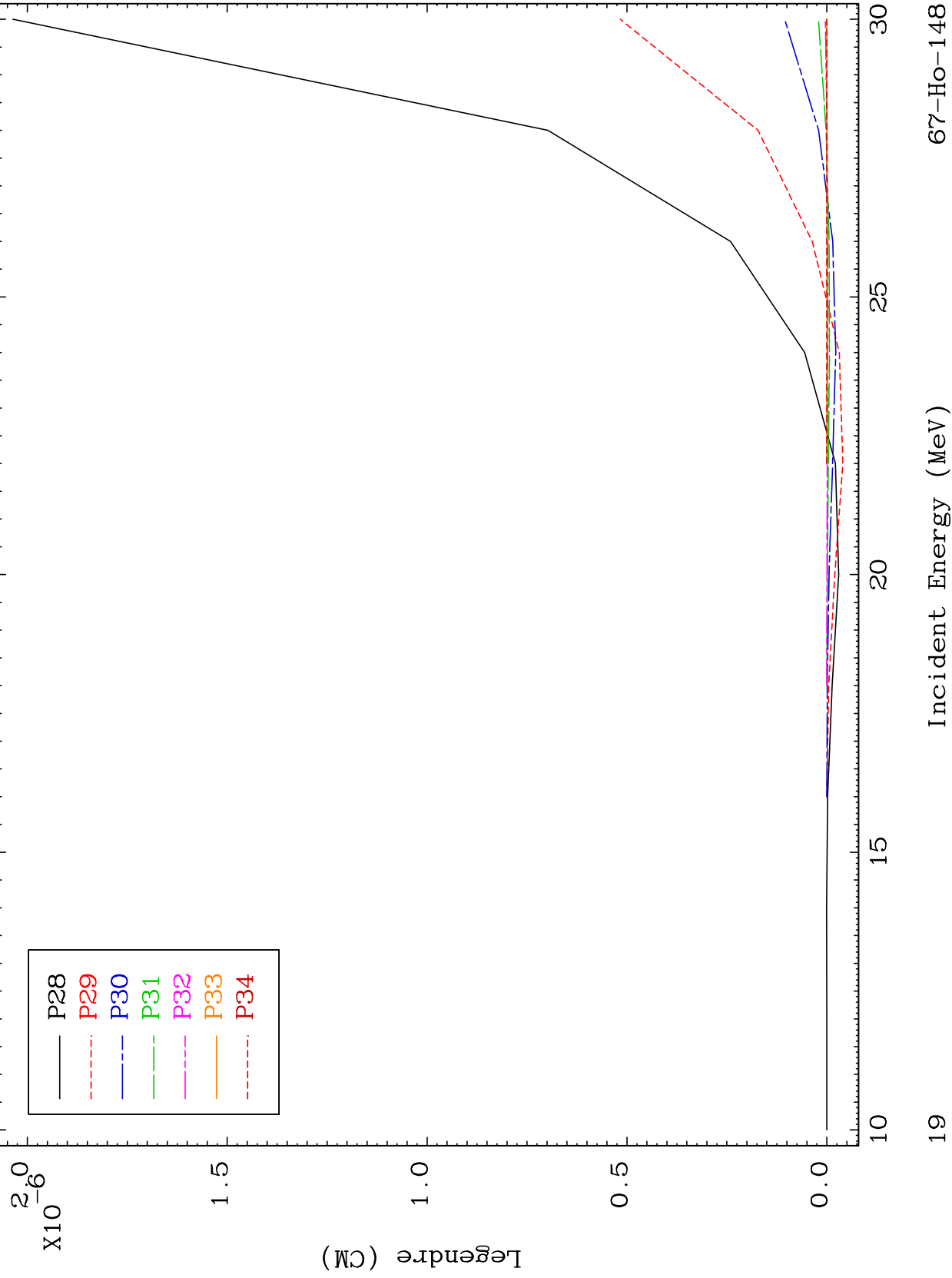
Incident Energy (MeV)

67-Ho-148

MAT 6674

Elastic Legendre Coefficients

67-Ho-148



67-Ho-148

Incident Energy (MeV)

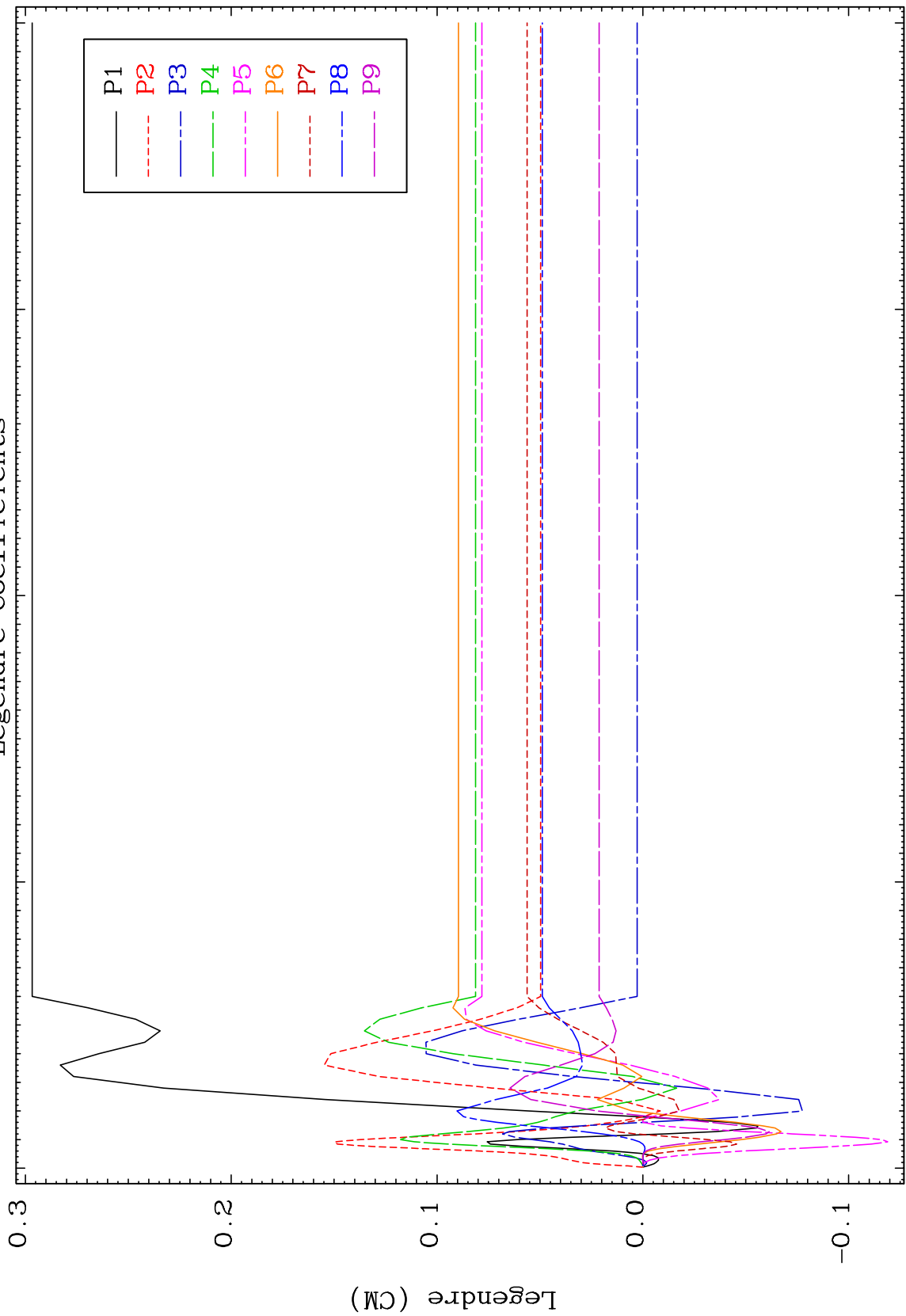
19

MAT 6674

MT= 51 (n,n') Level

67-Ho-148

Legendre Coefficients



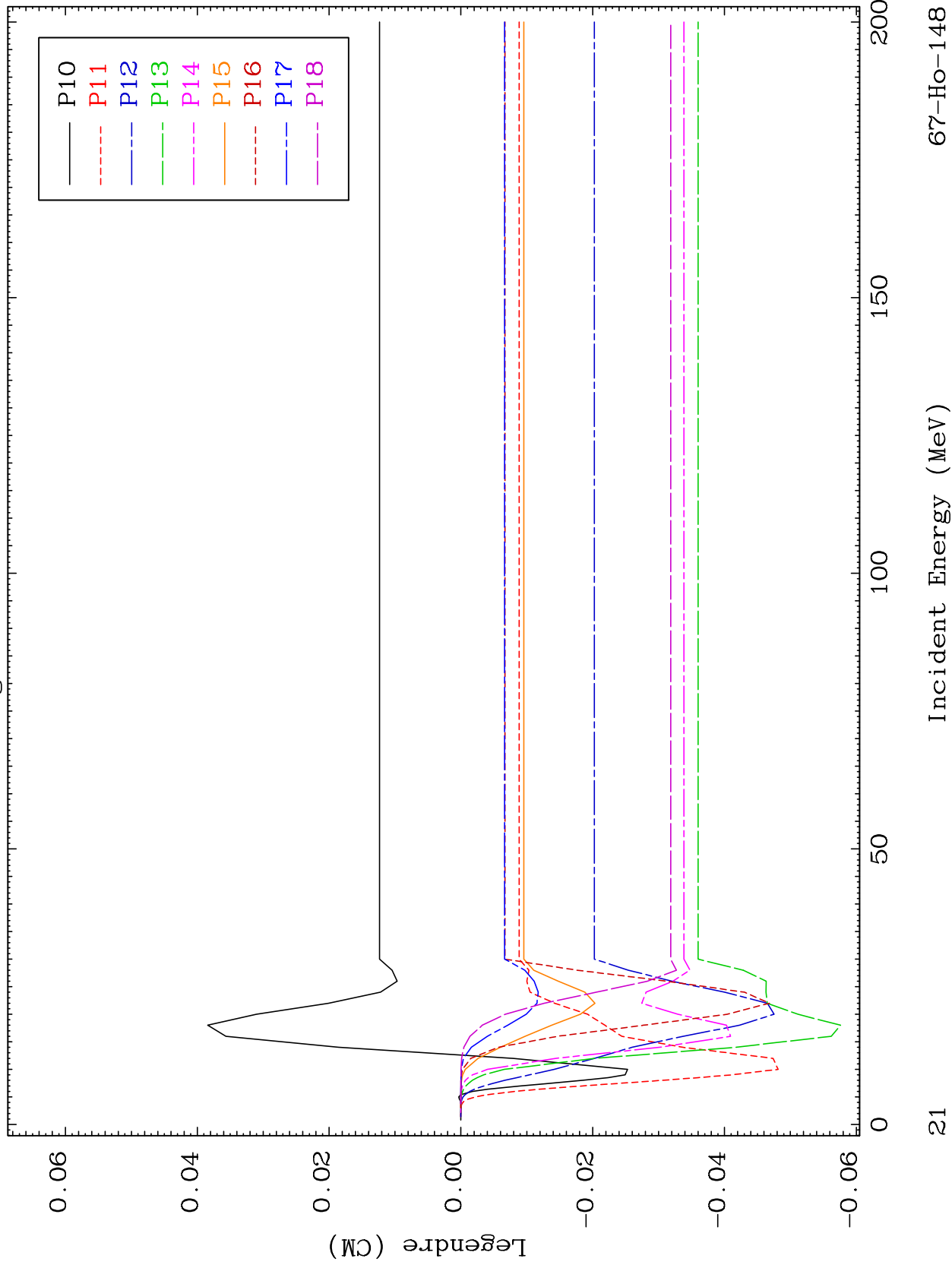
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



67-Ho-148

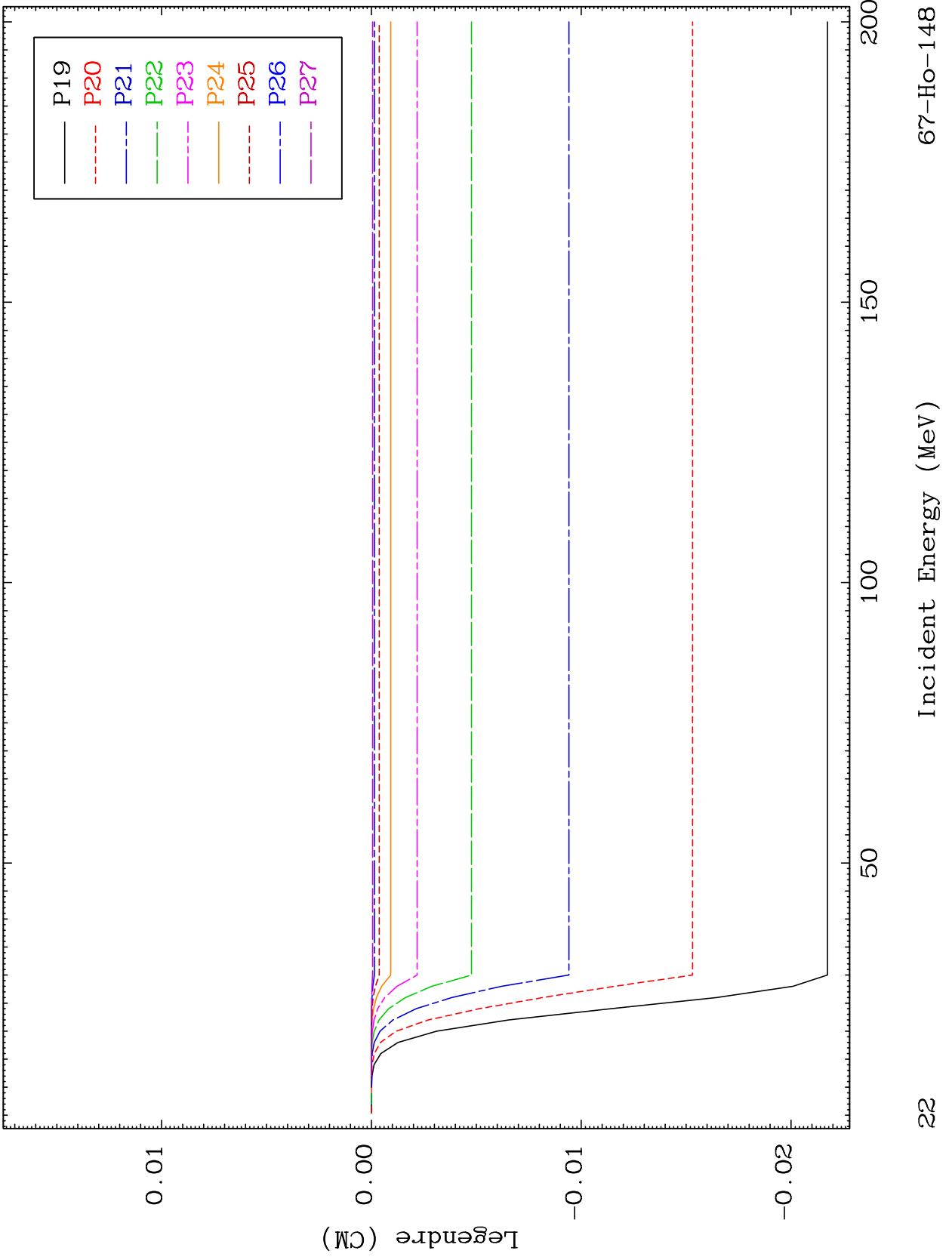
Incident Energy (MeV)

21

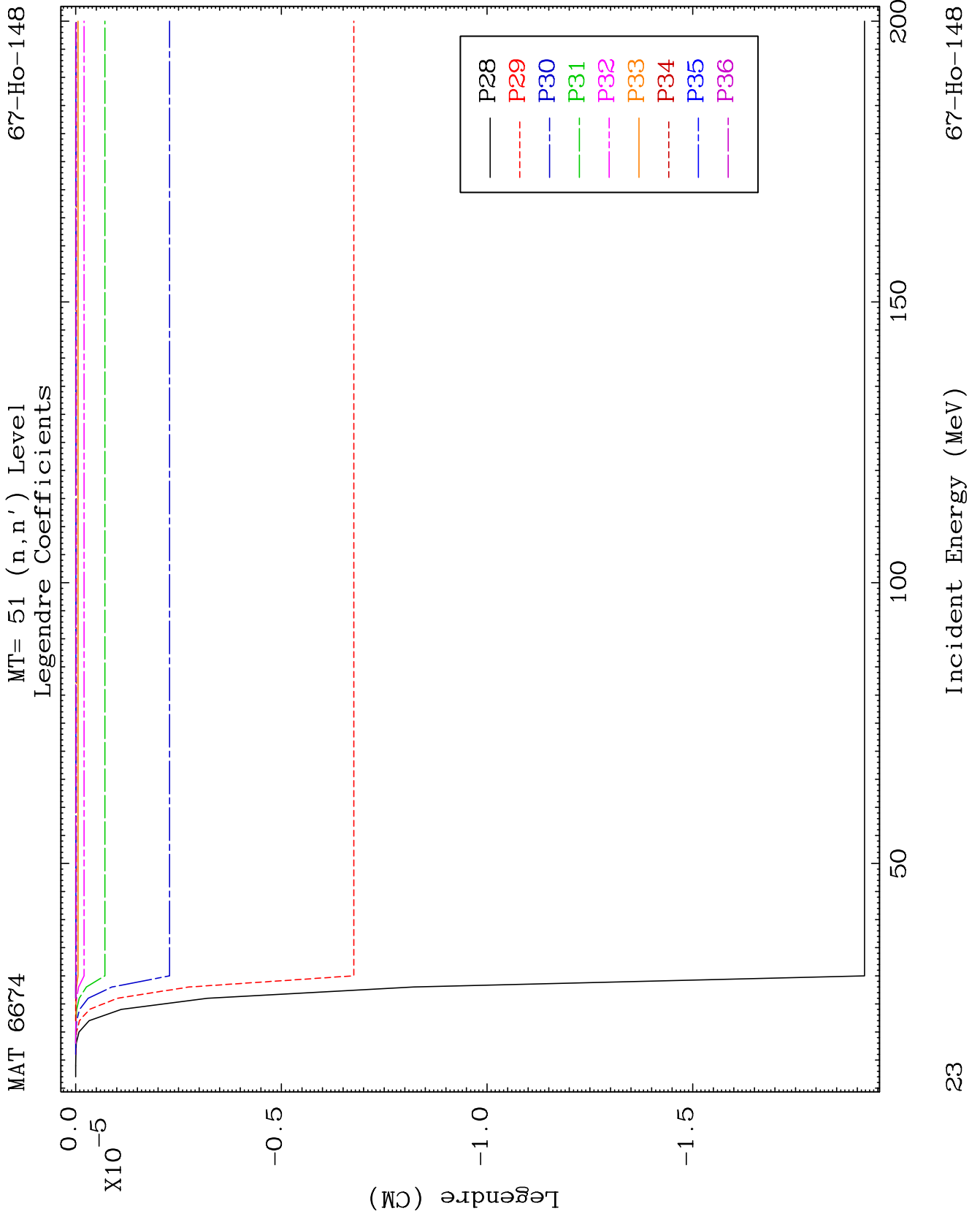
MAT 6674

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

67-Ho-148



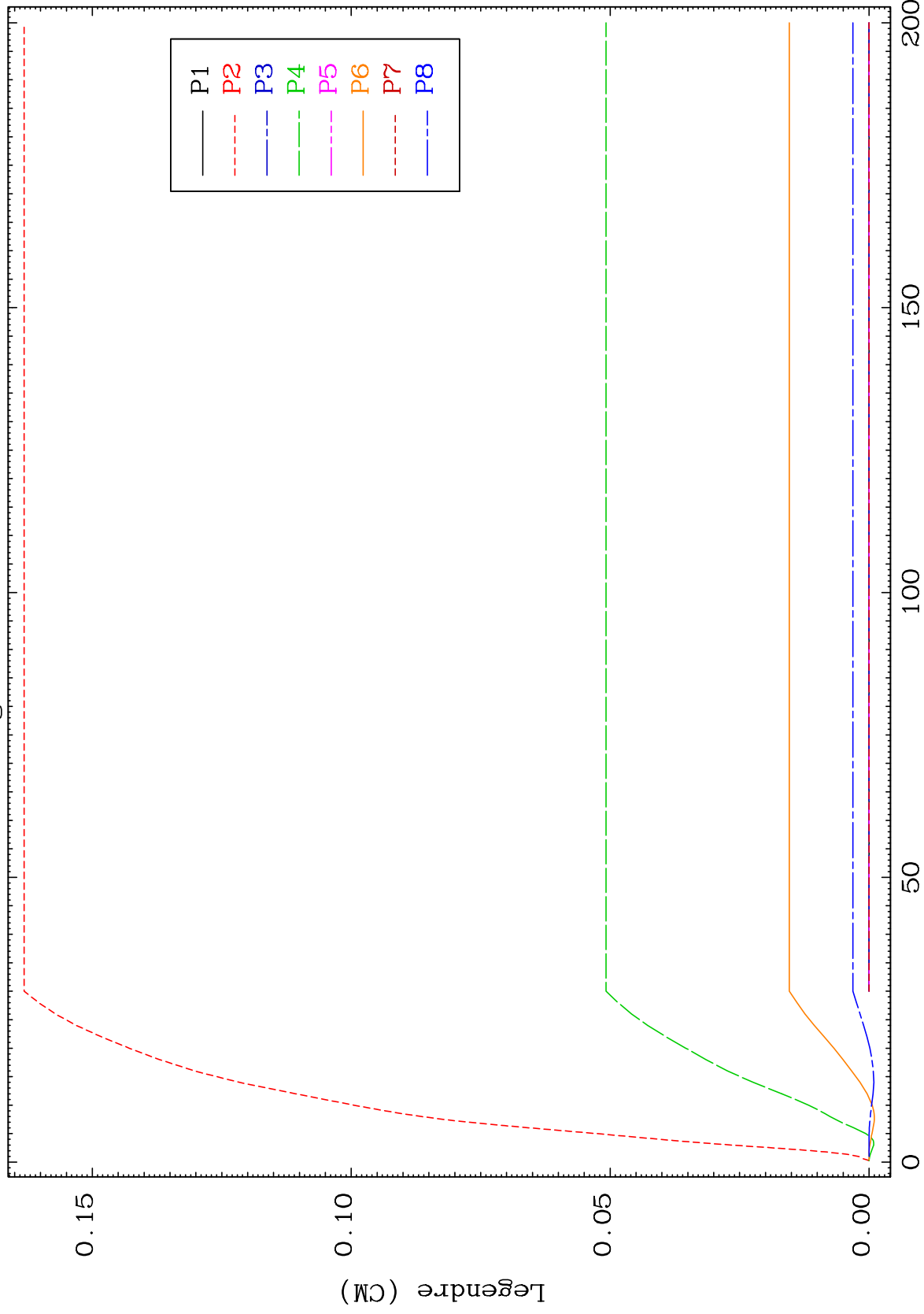
22



MAT 6674

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

67-Ho-148



24

Incident Energy (MeV)

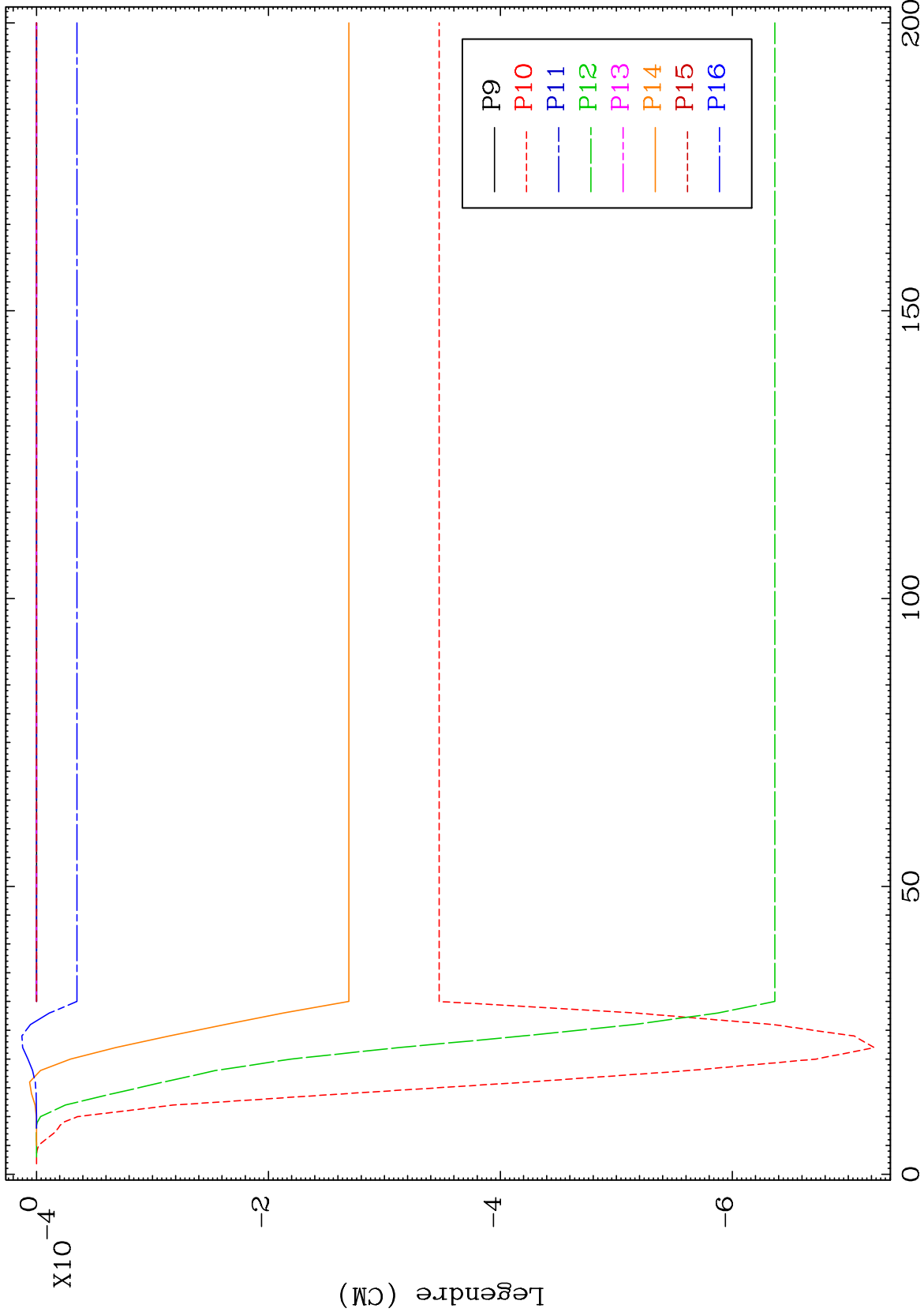
67-Ho-148

MAT 6674

MT= 52 (n,n') Level

67-Ho-148

Legendre Coefficients



0

50

100

150

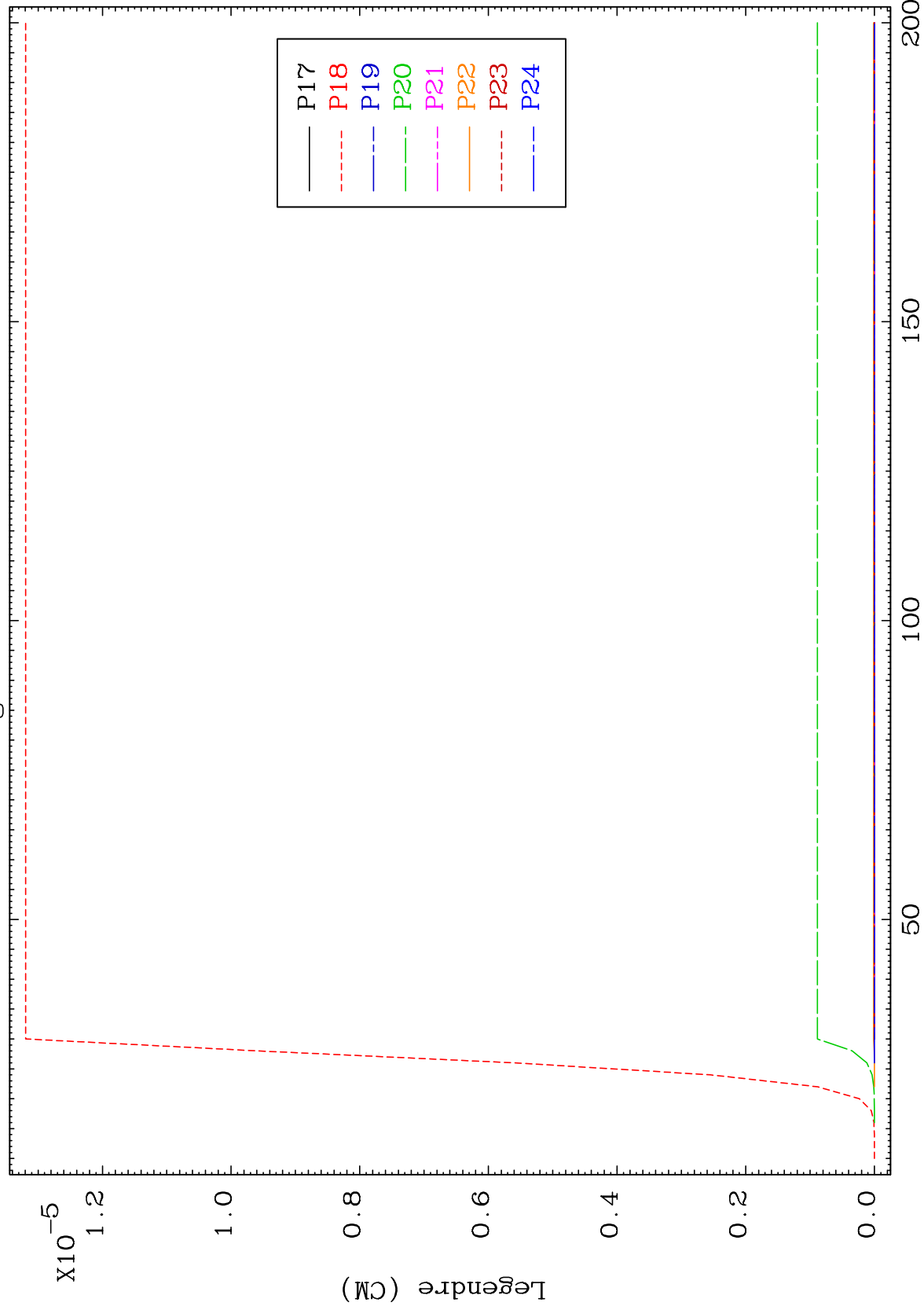
200

67-Ho-148

MAT 6674

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

67-Ho-148



26

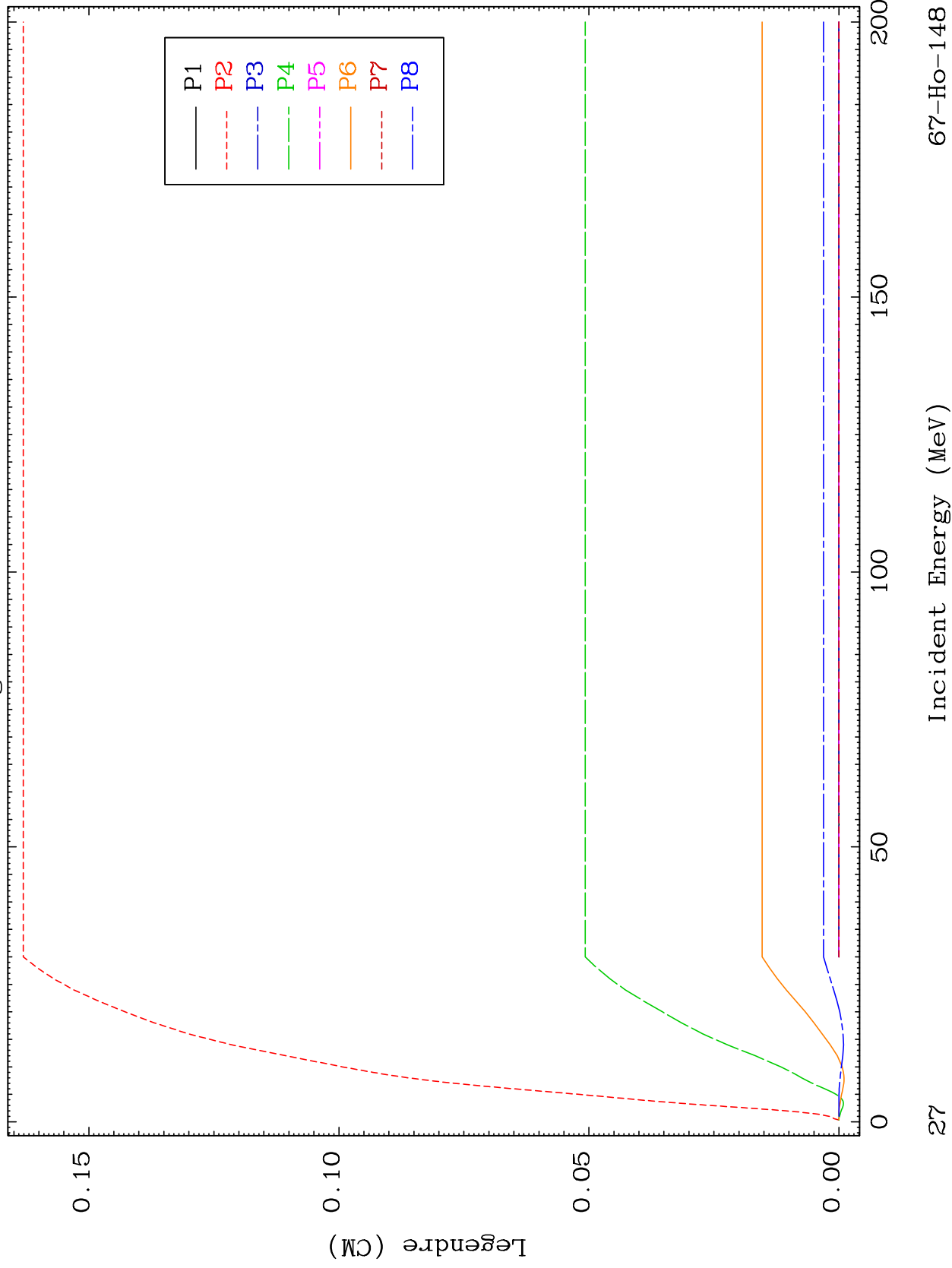
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



27

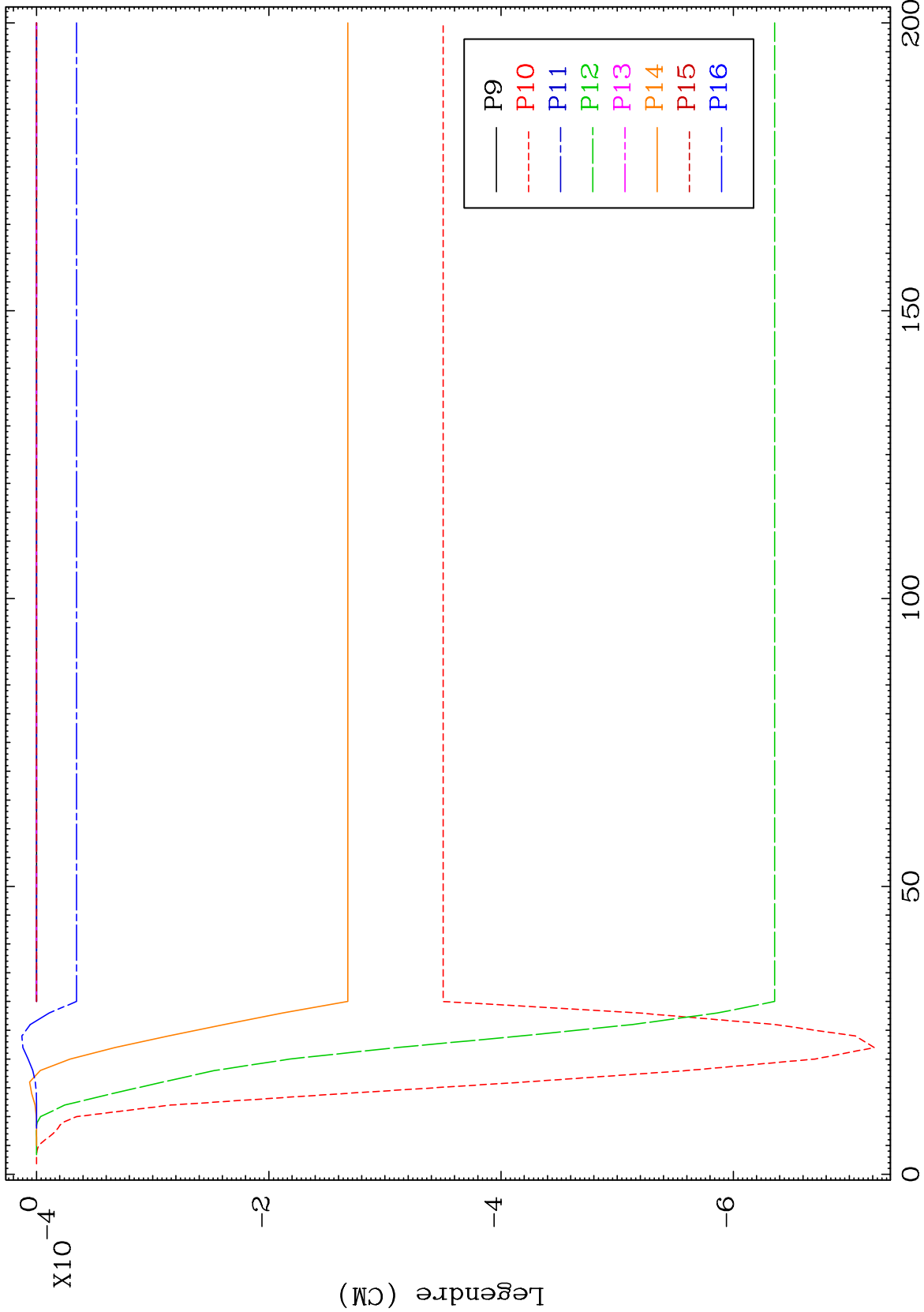
67-Ho-148

MAT 6674

MT= 53 (n,n') Level

67-Ho-148

Legendre Coefficients



28

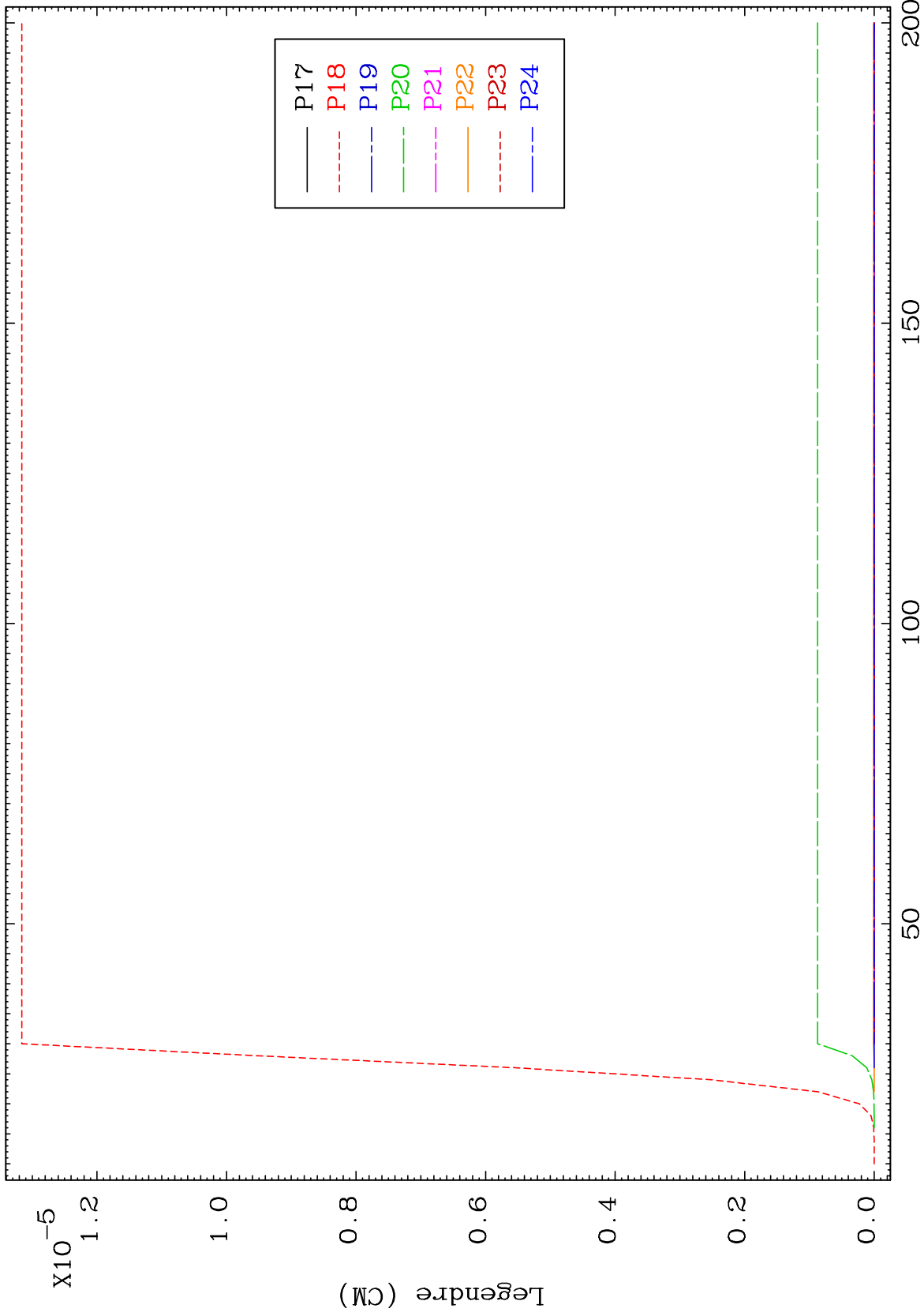
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



29

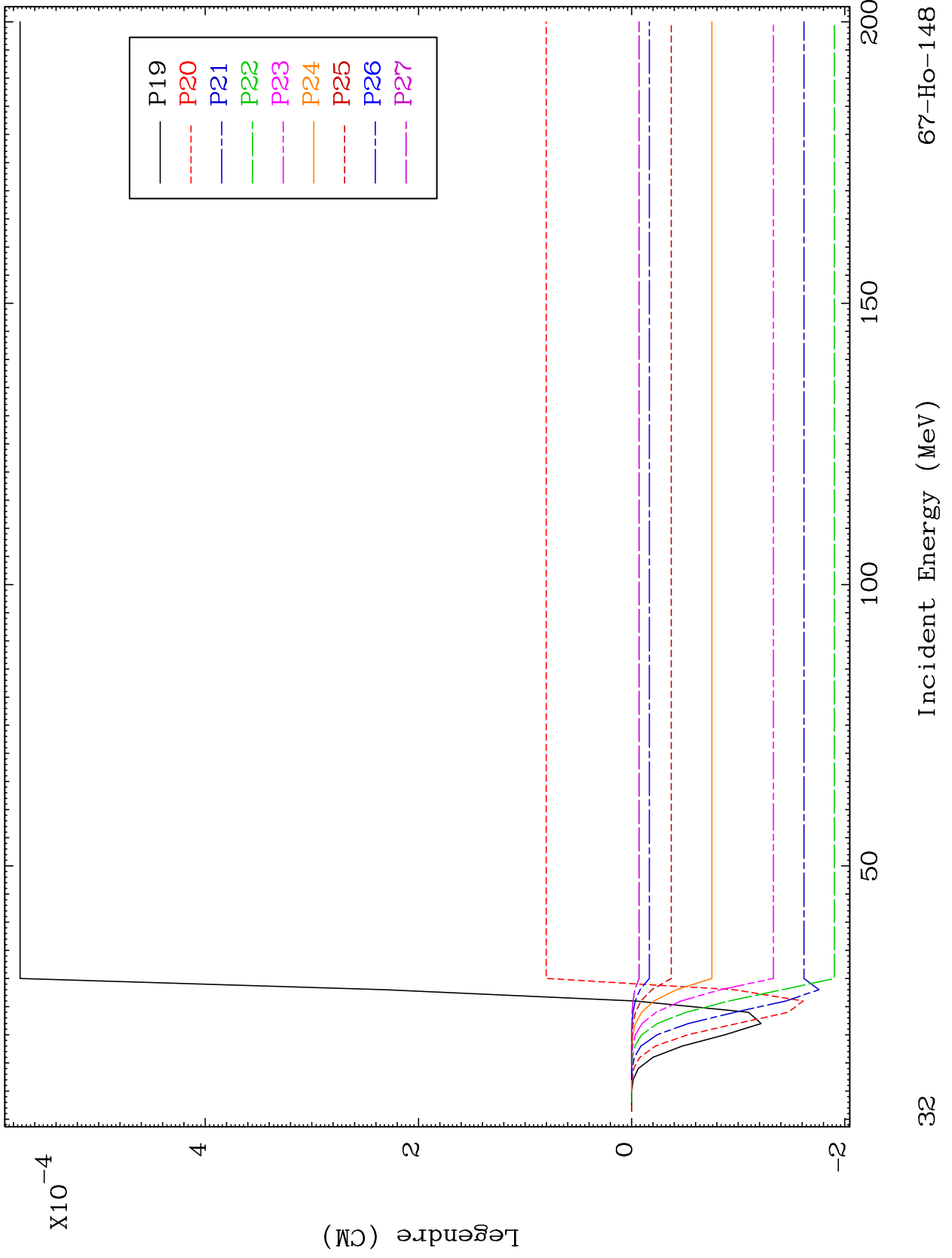
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

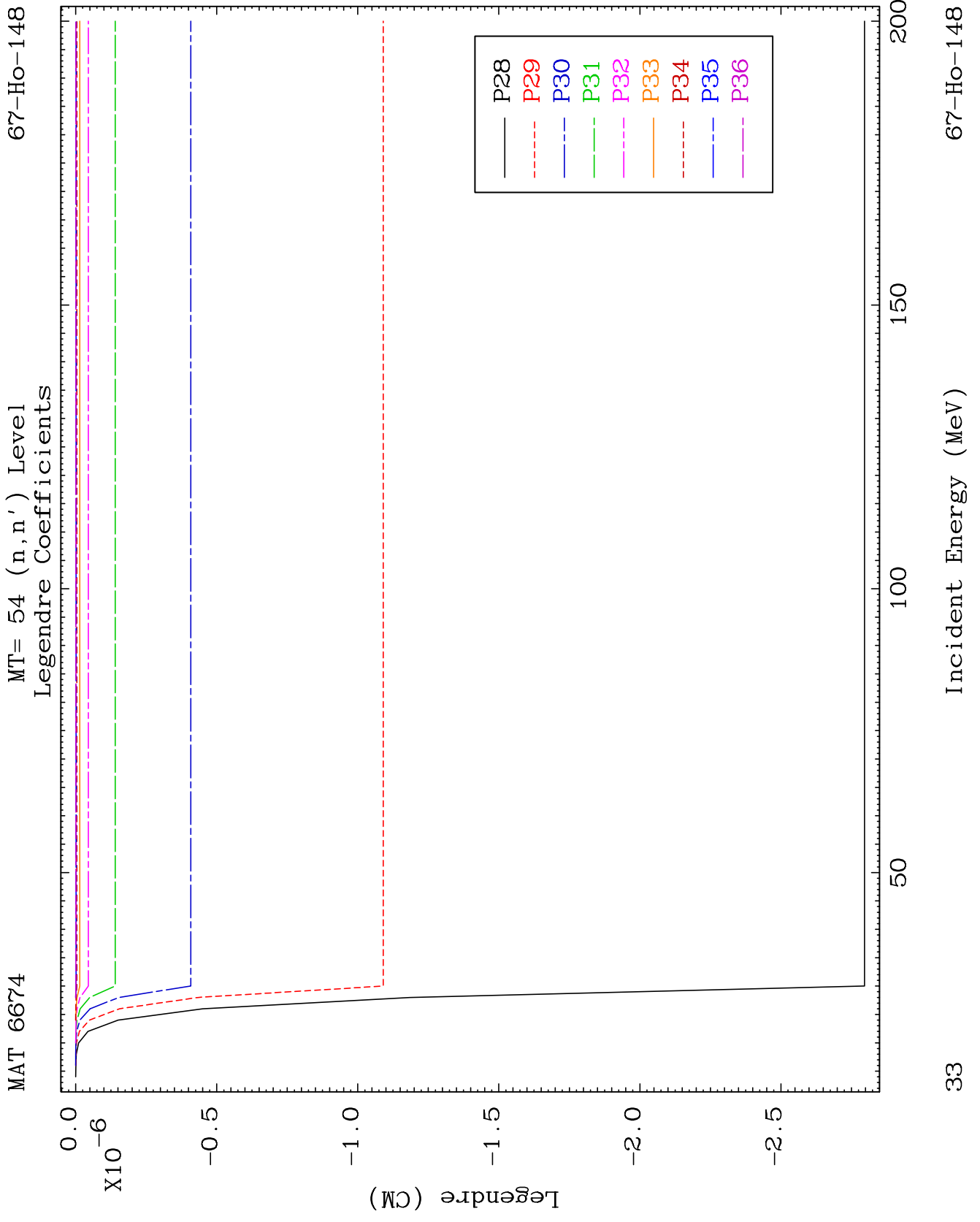
67-Ho-148



32

Incident Energy (MeV)

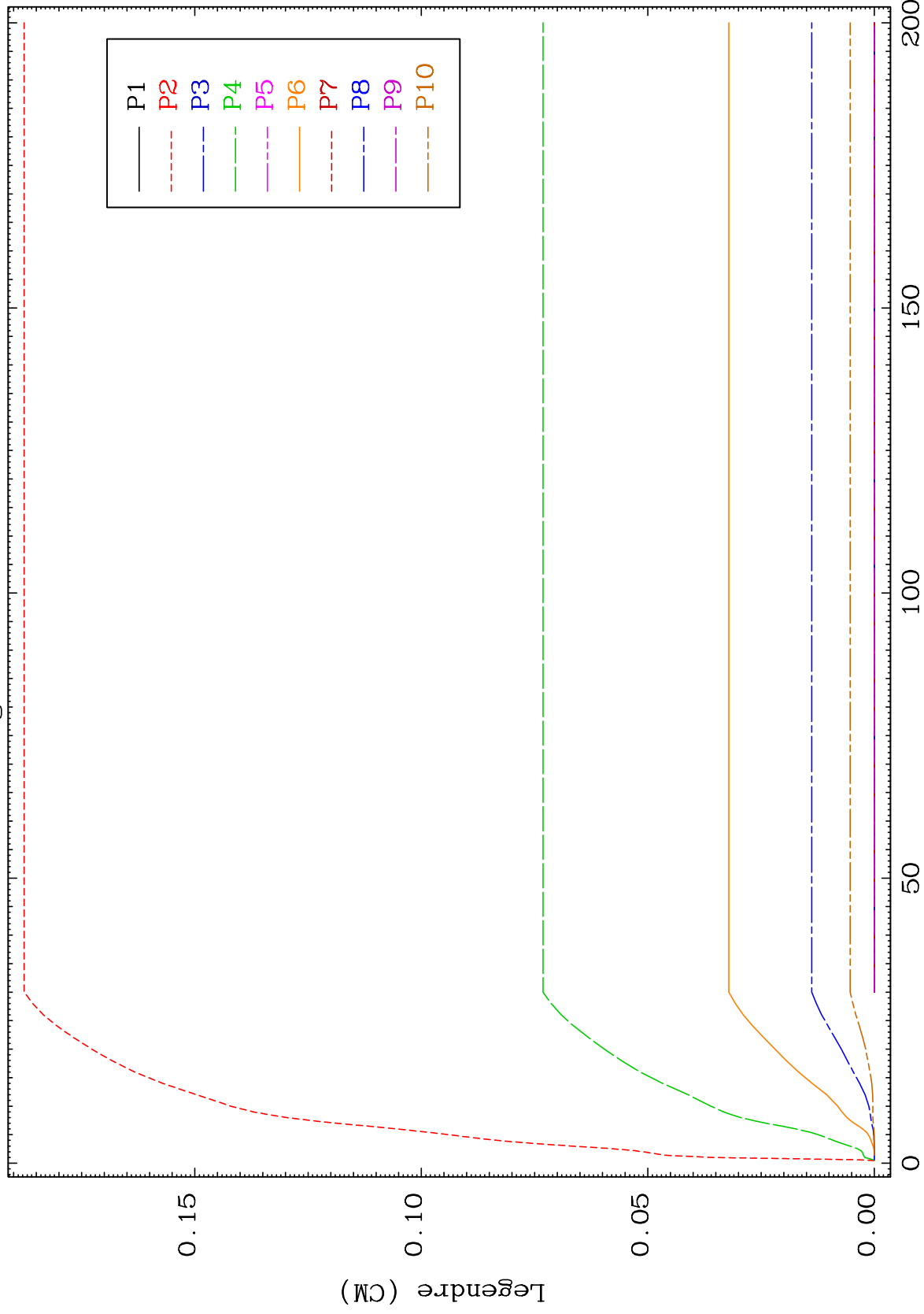
67-Ho-148



MAT 6674

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

67-Ho-148



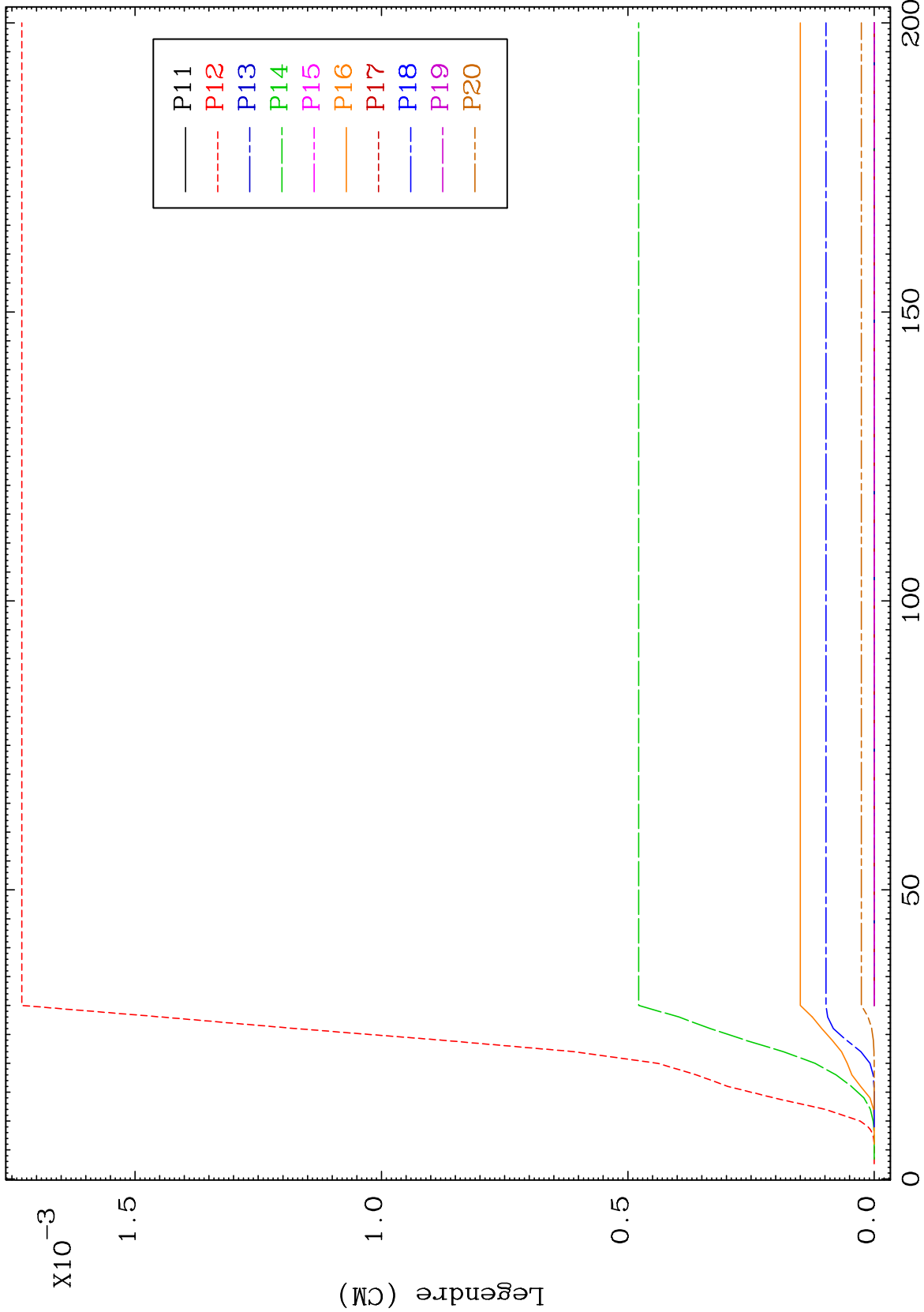
34

67-Ho-148

MAT 6674

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

67-Ho-148



35

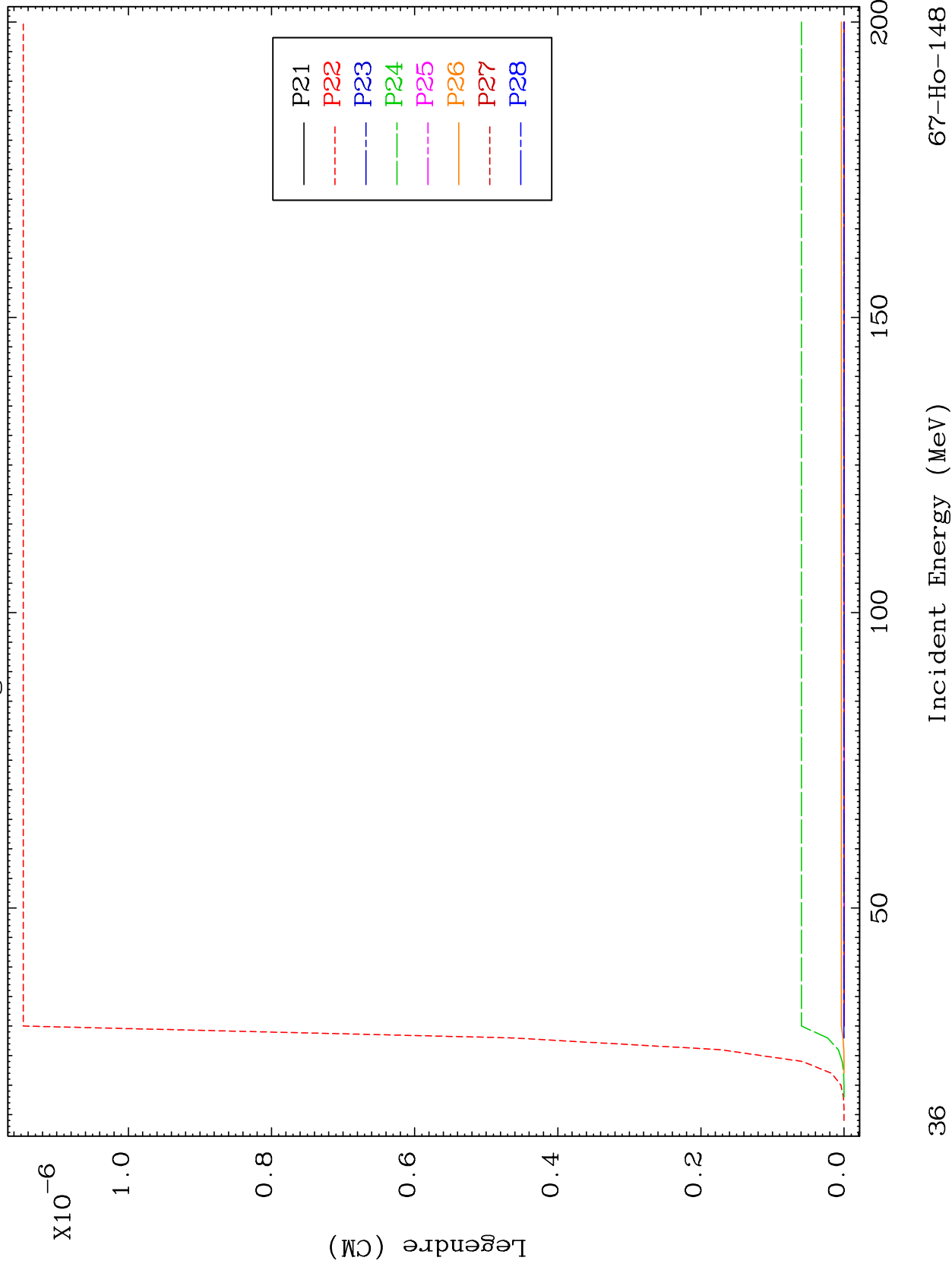
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



36

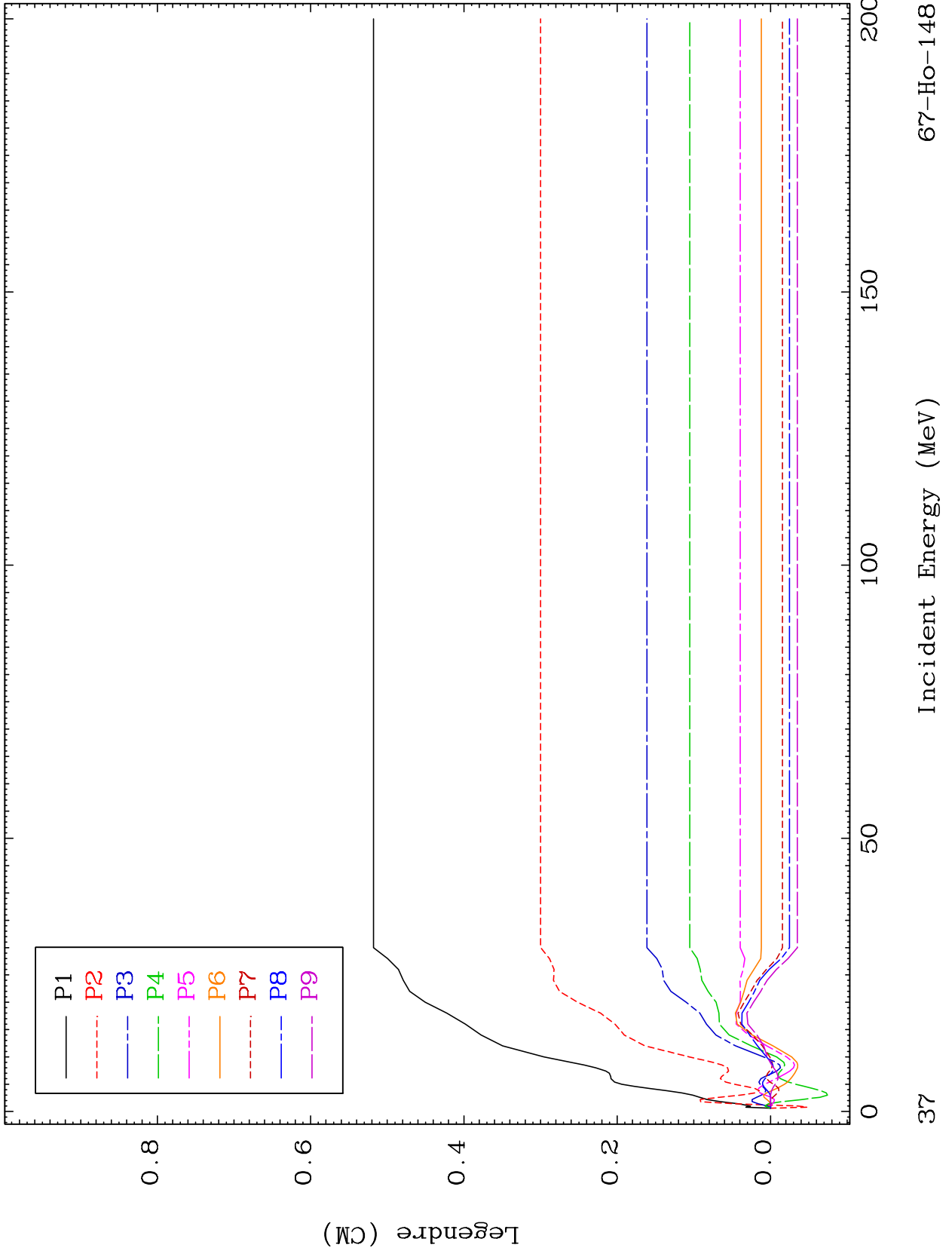
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



37

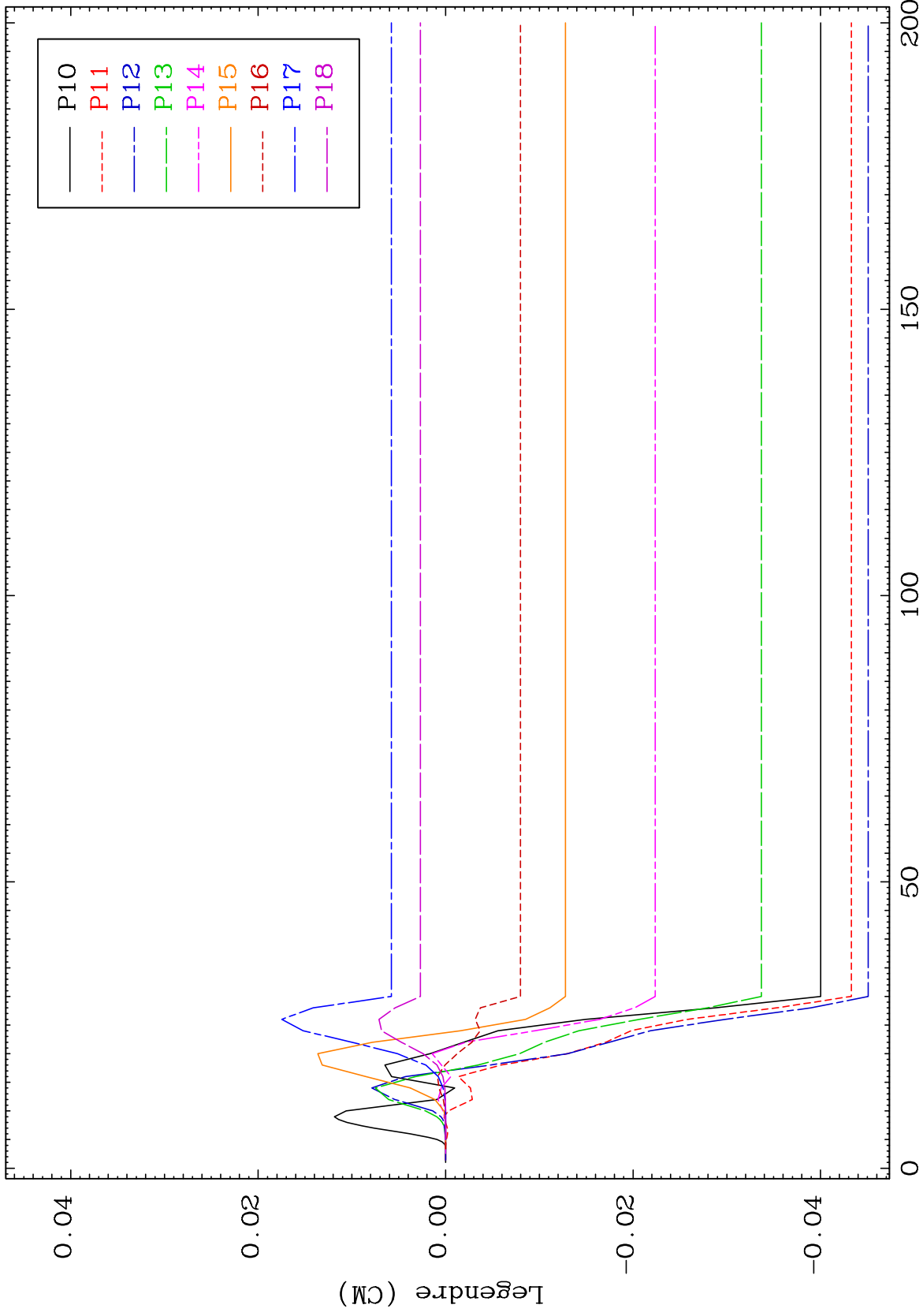
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



38

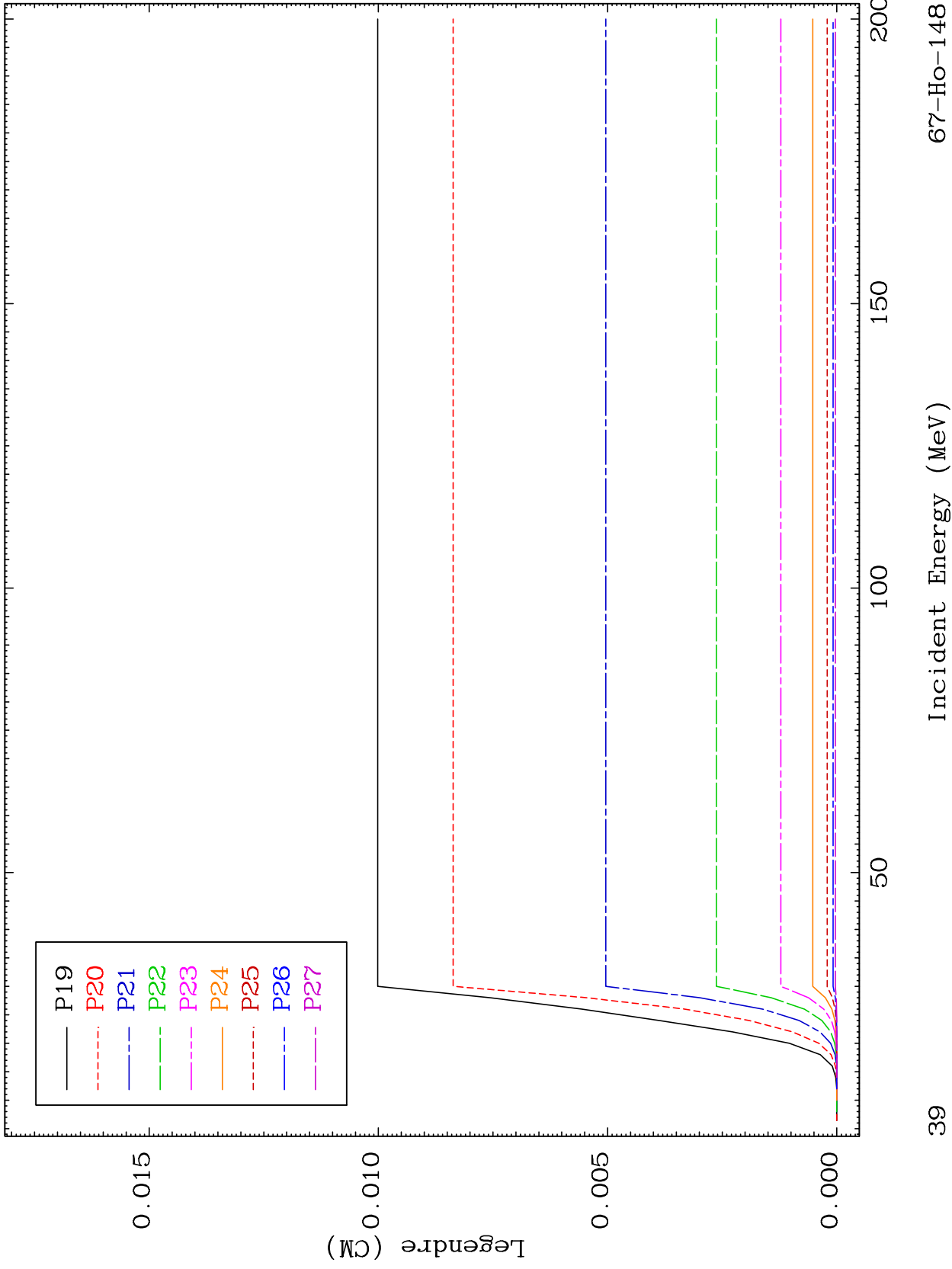
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



39

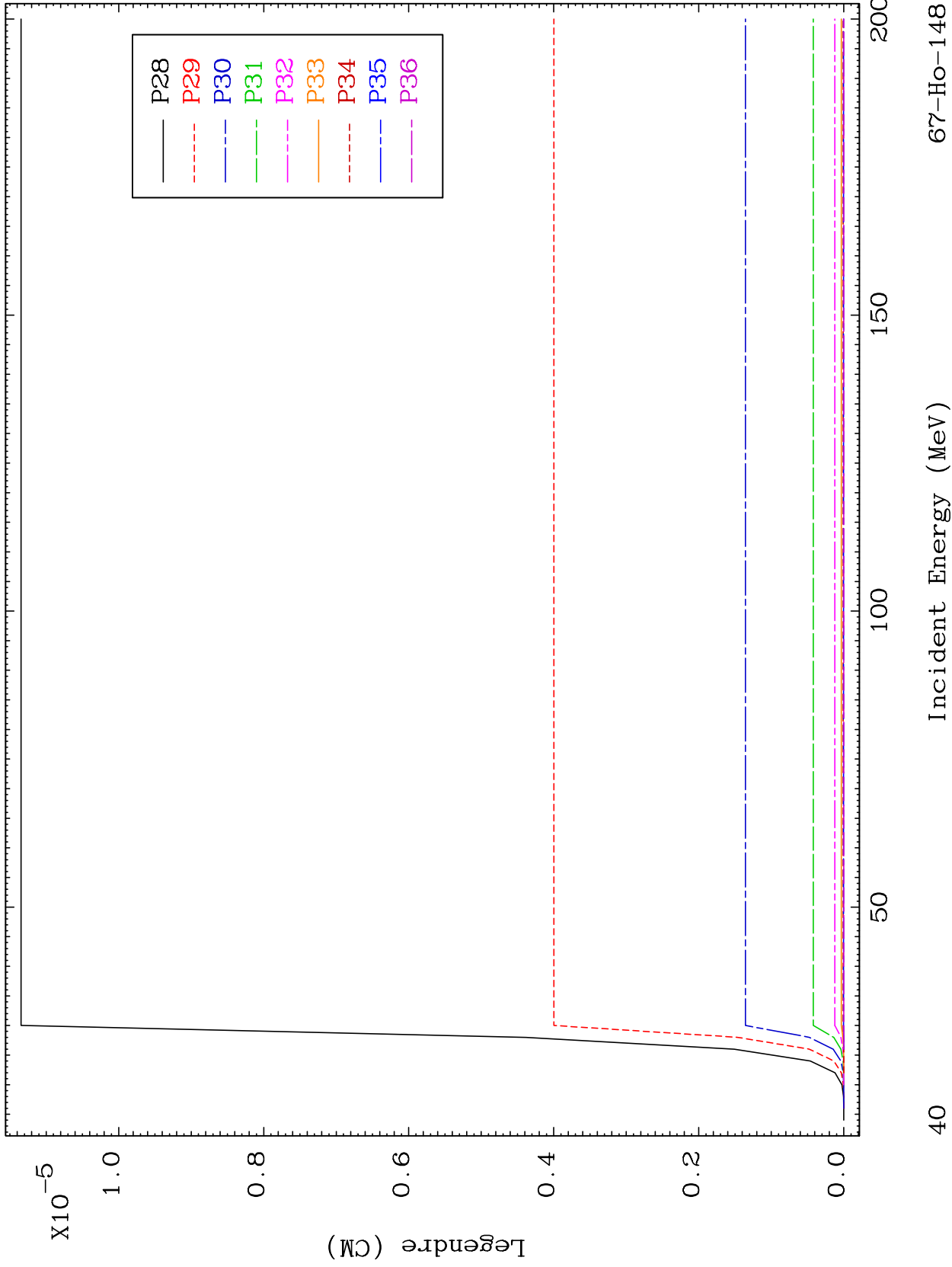
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

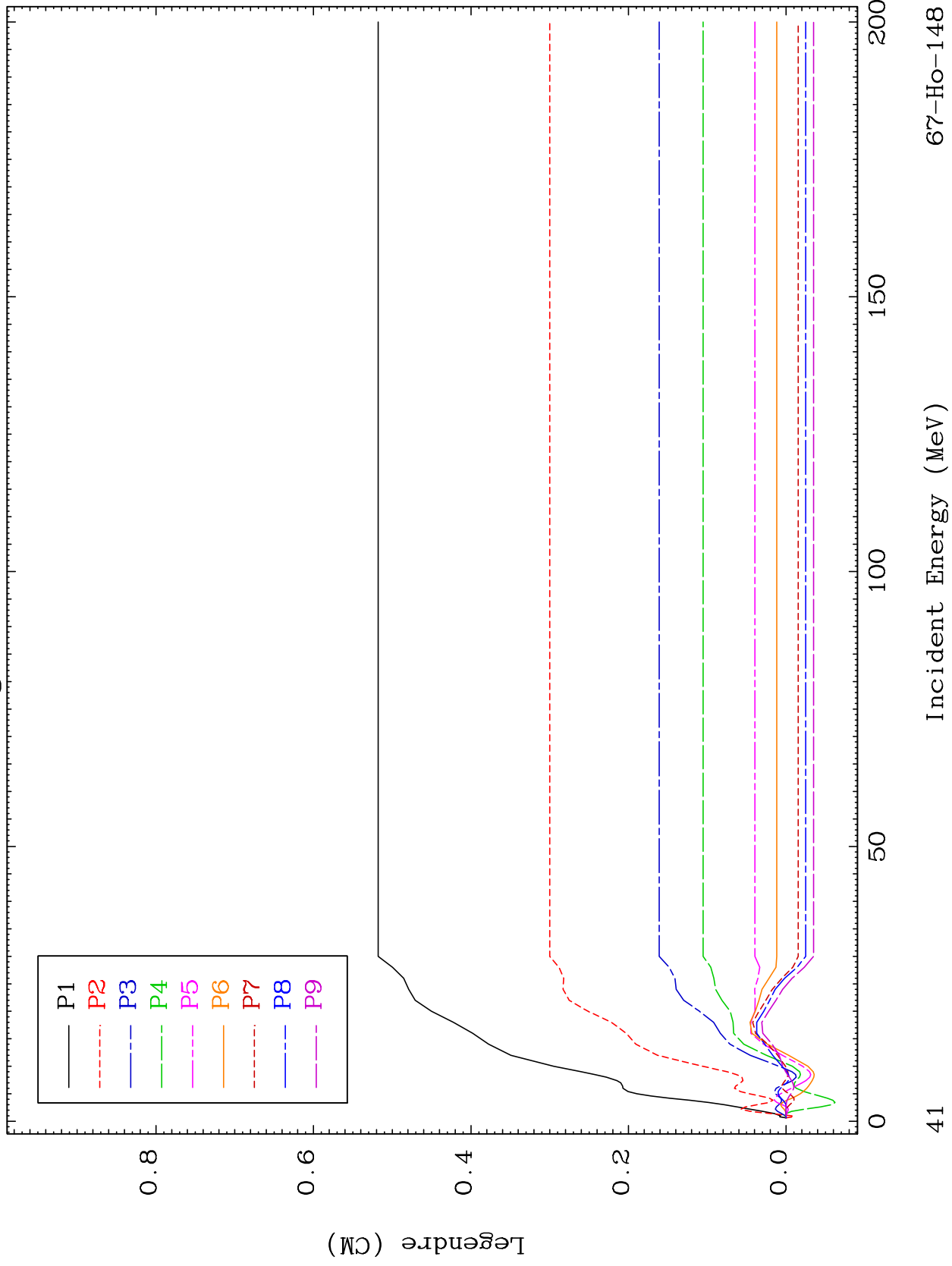
67-Ho-148



MAT 6674

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

67-Ho-148



41

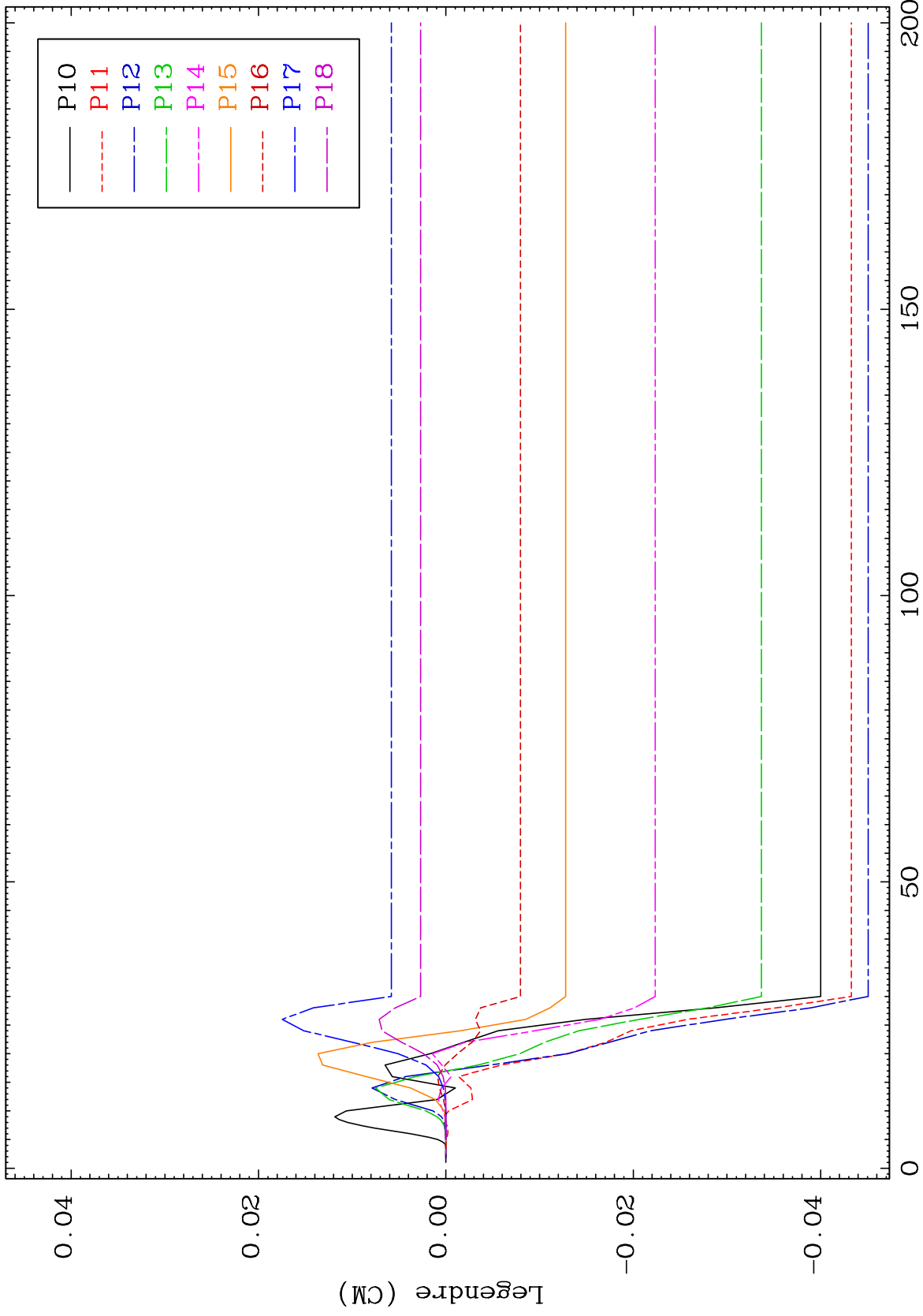
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



42

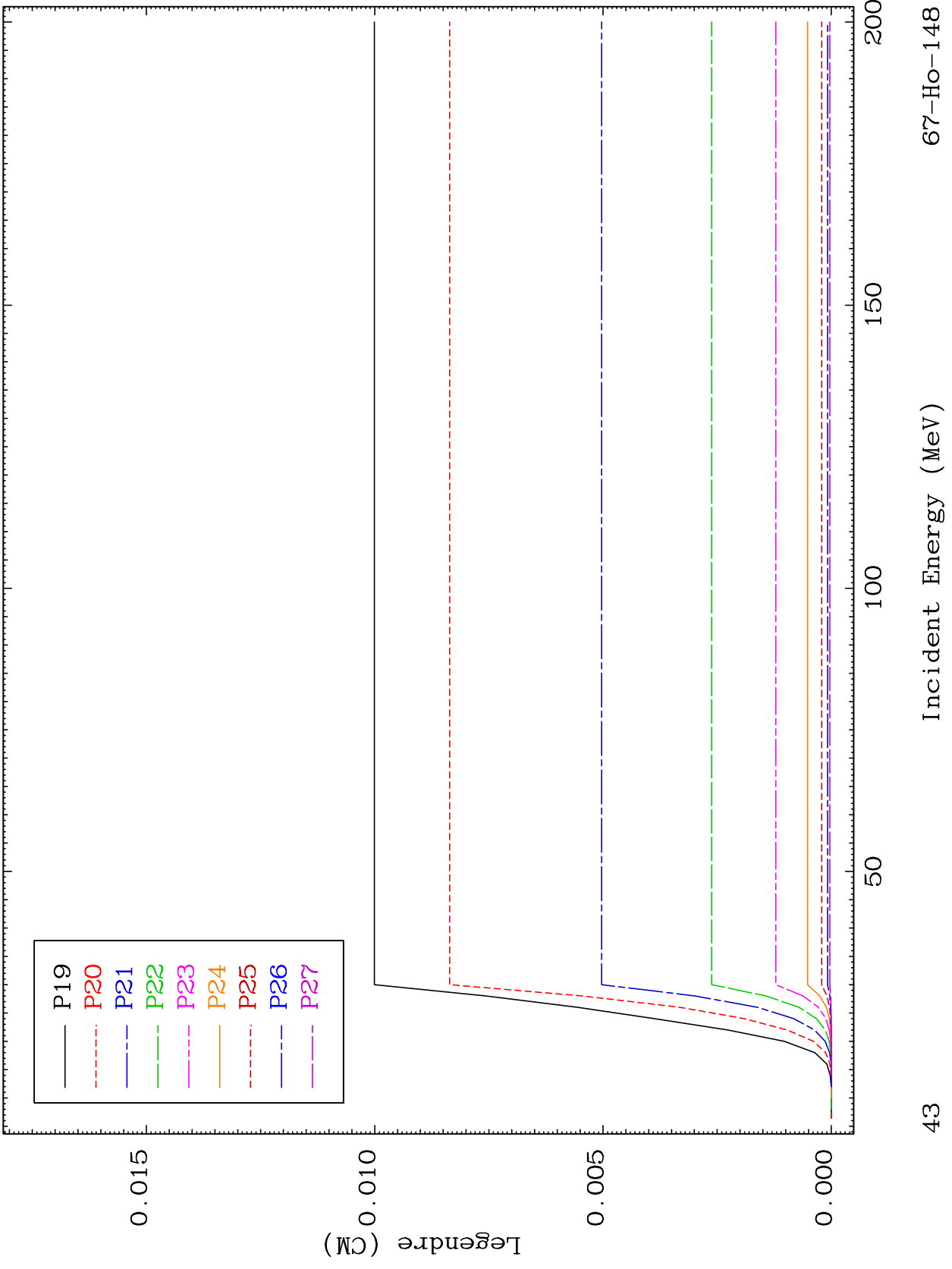
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



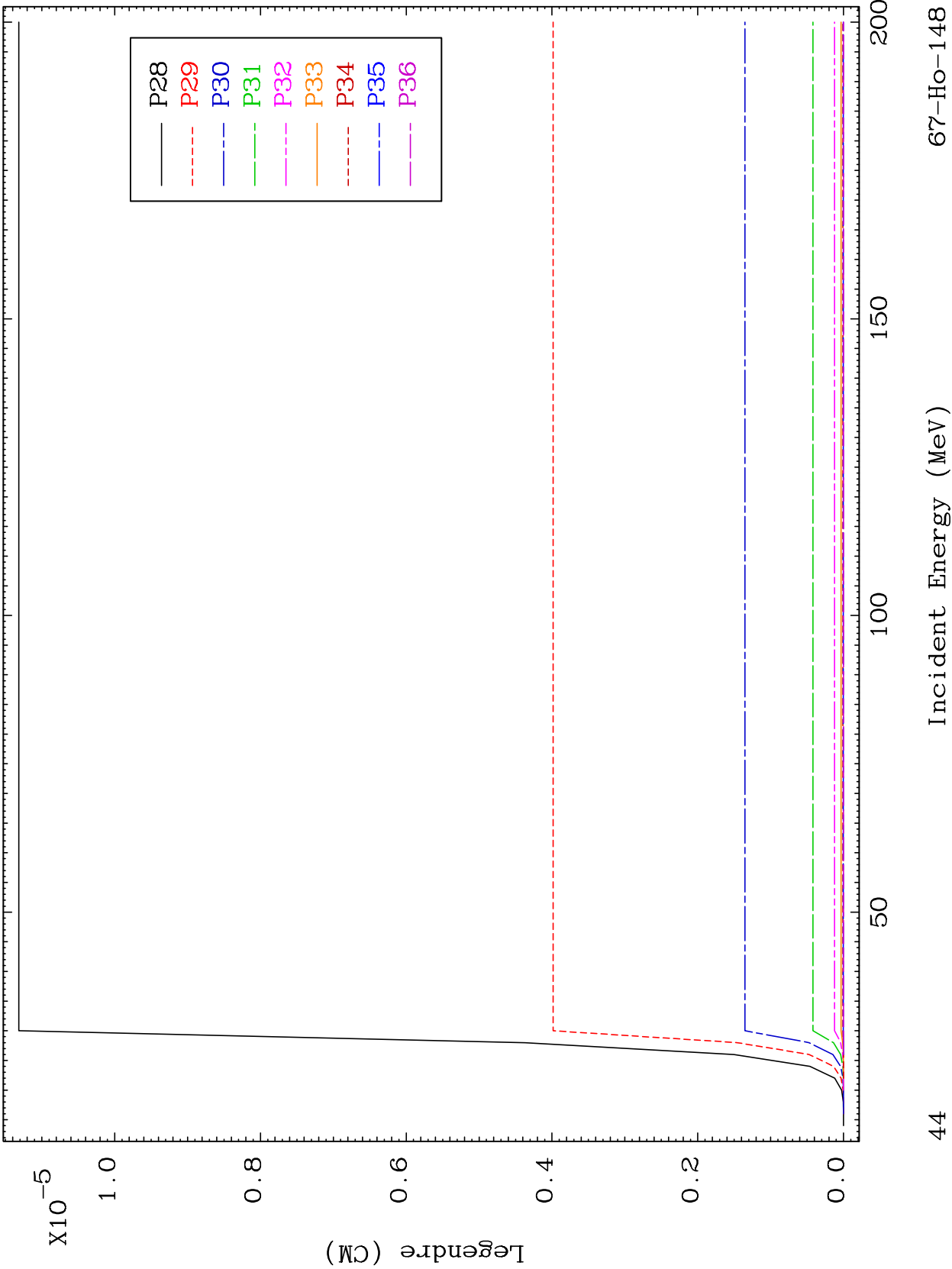
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67-Ho-148

MAT 6674

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

67-Ho-148



44

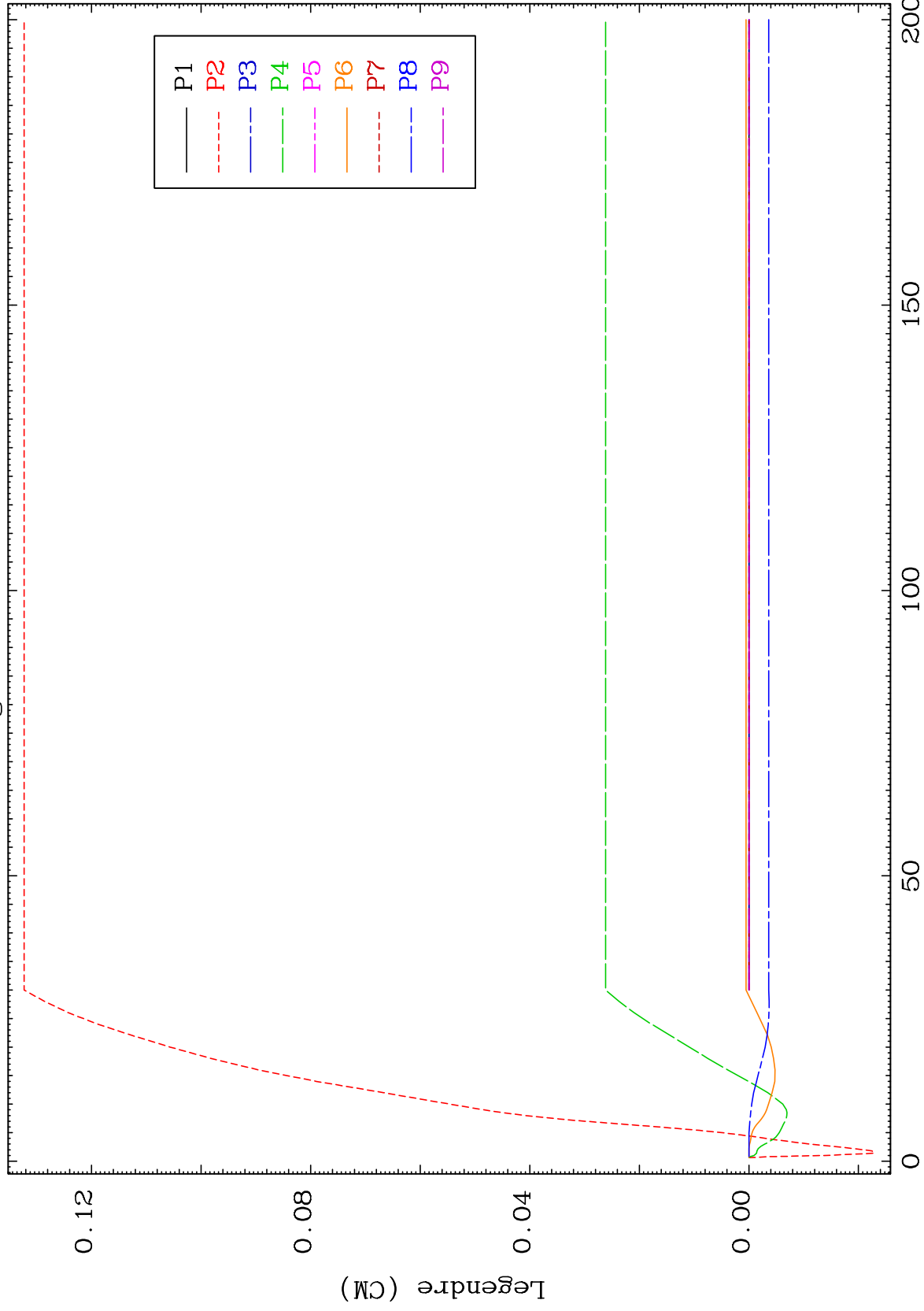
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



67-Ho-148

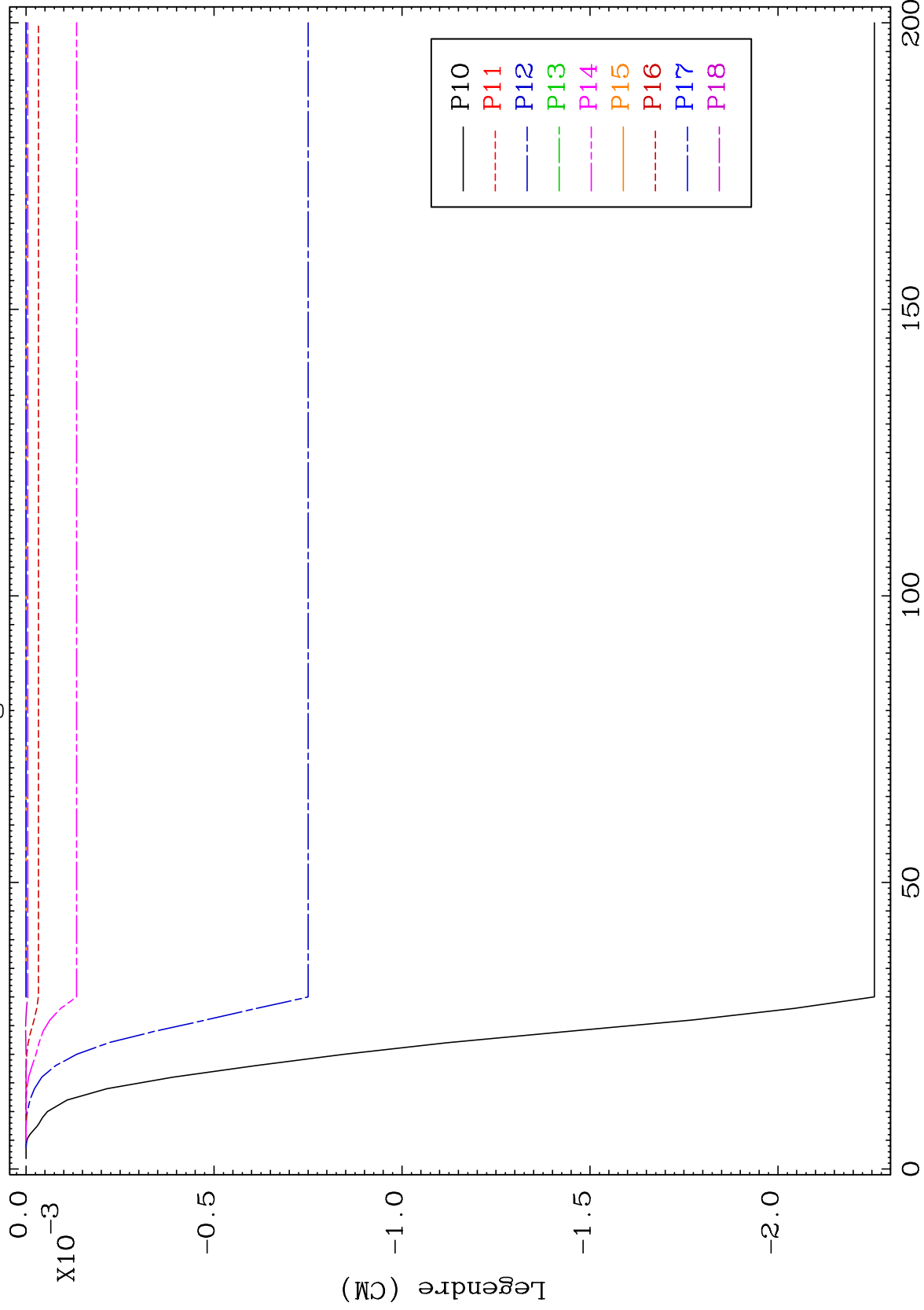
Incident Energy (MeV)

45

MAT 6674

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

67-Ho-148



46

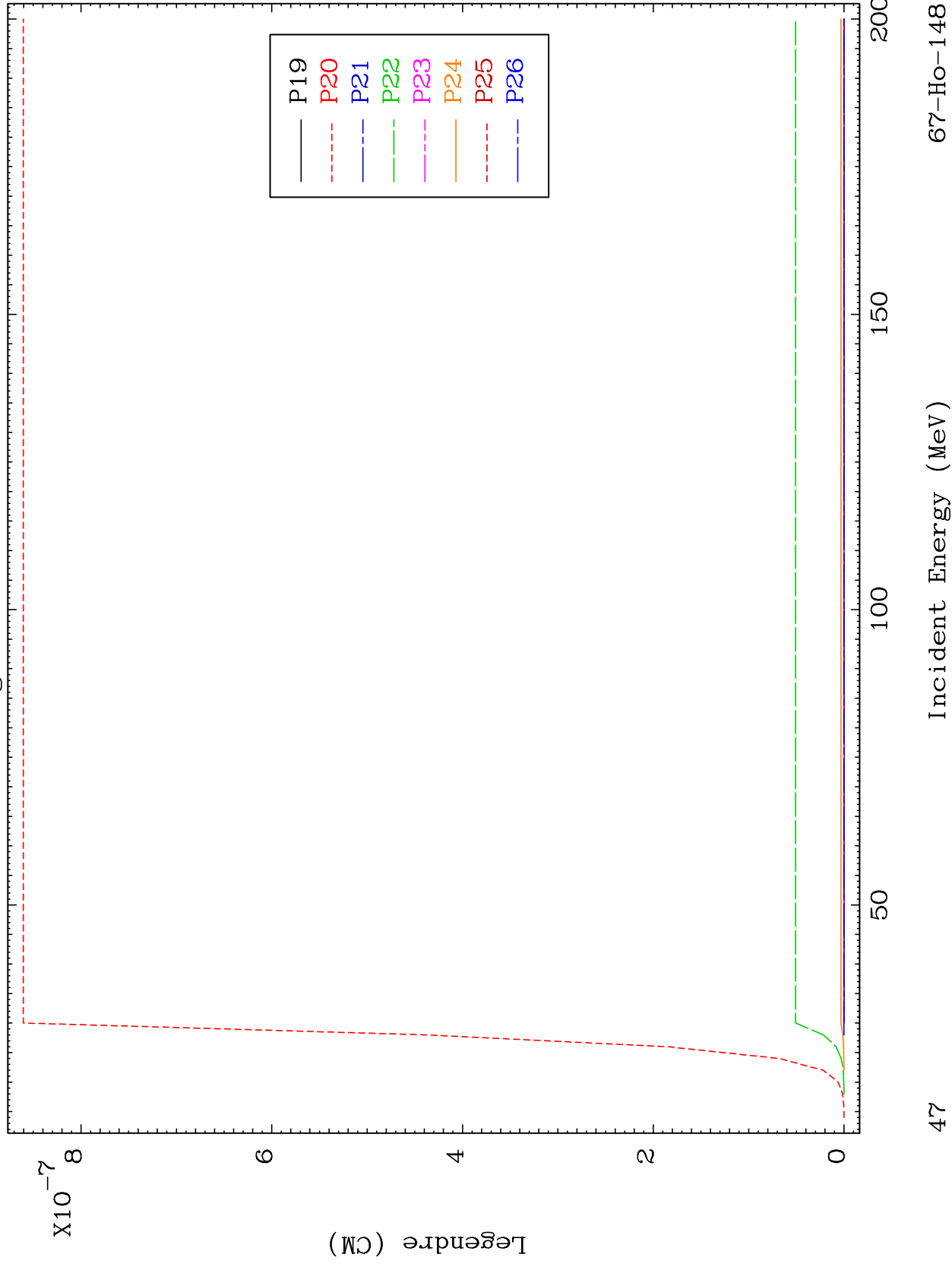
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

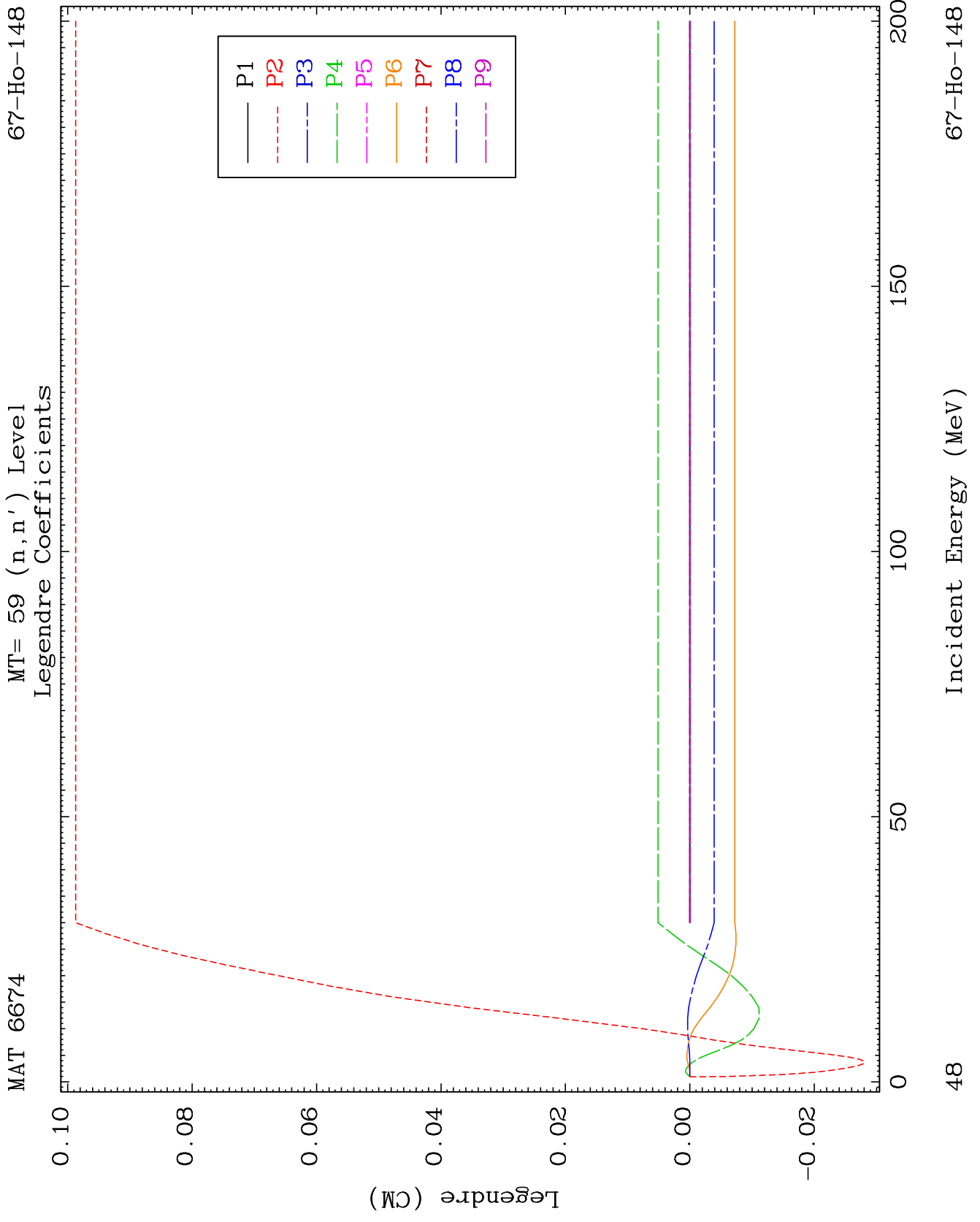
67-Ho-148



47

Incident Energy (MeV)

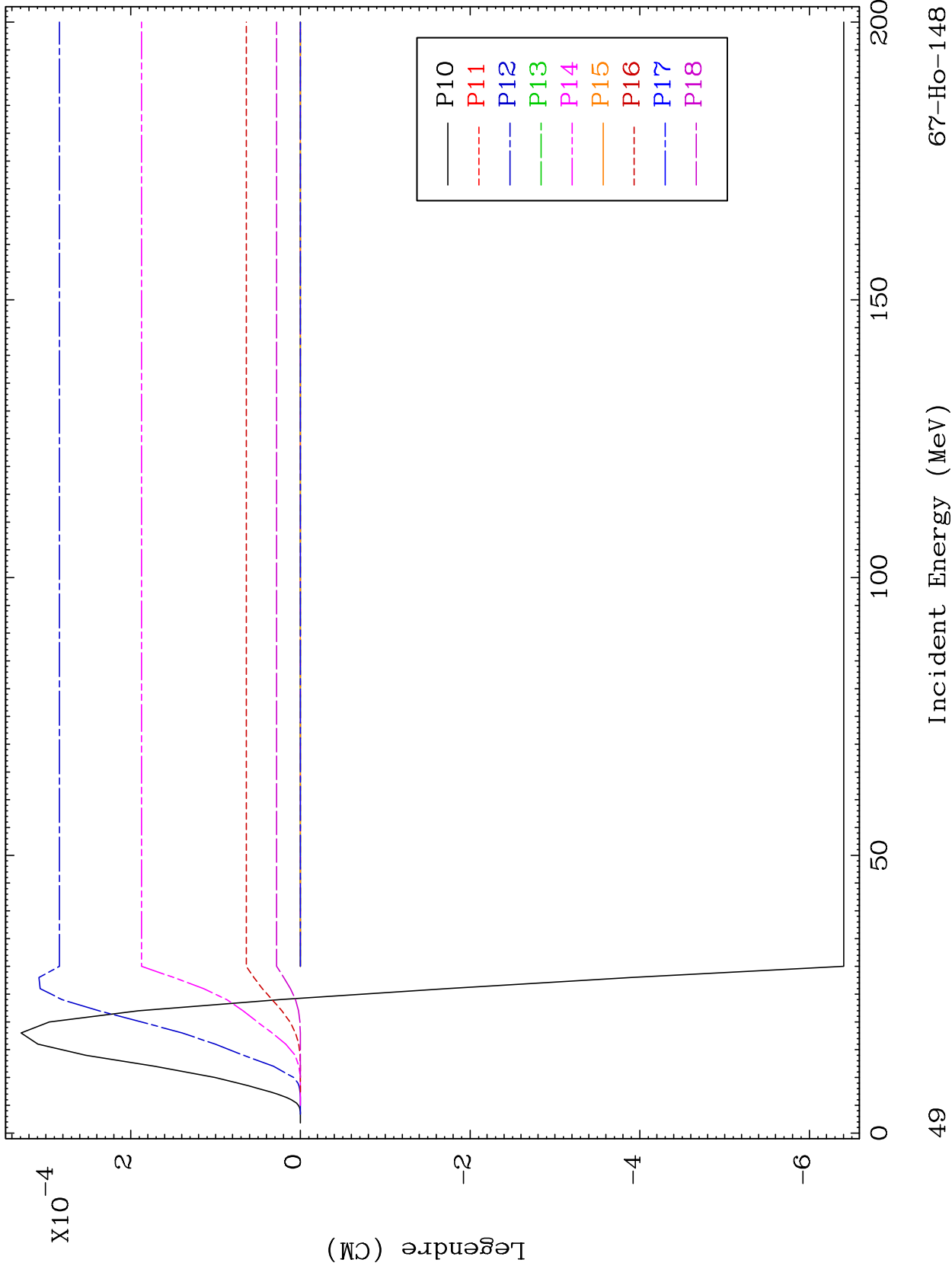
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MAT 6674

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

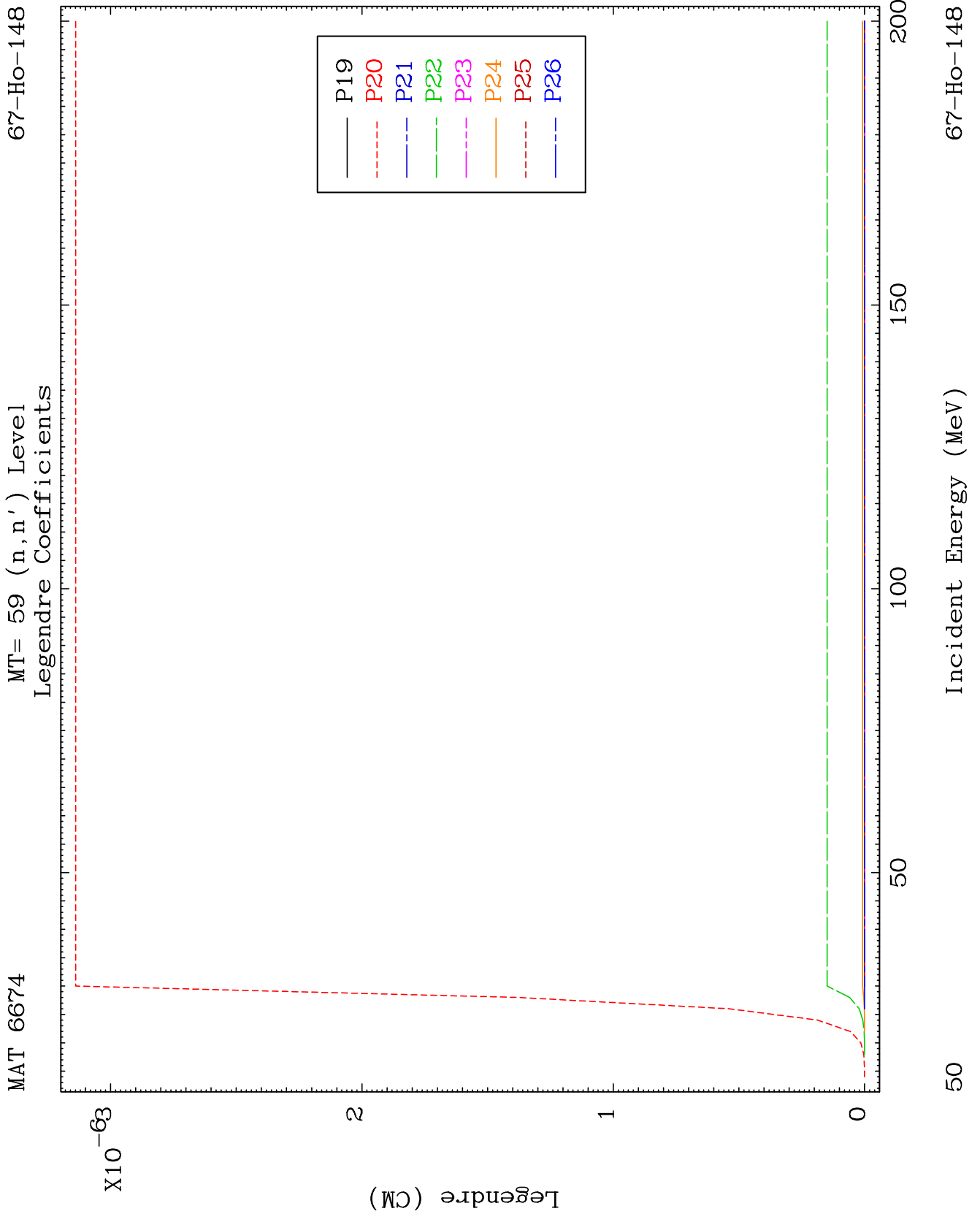
67-Ho-148



67-Ho-148

Incident Energy (MeV)

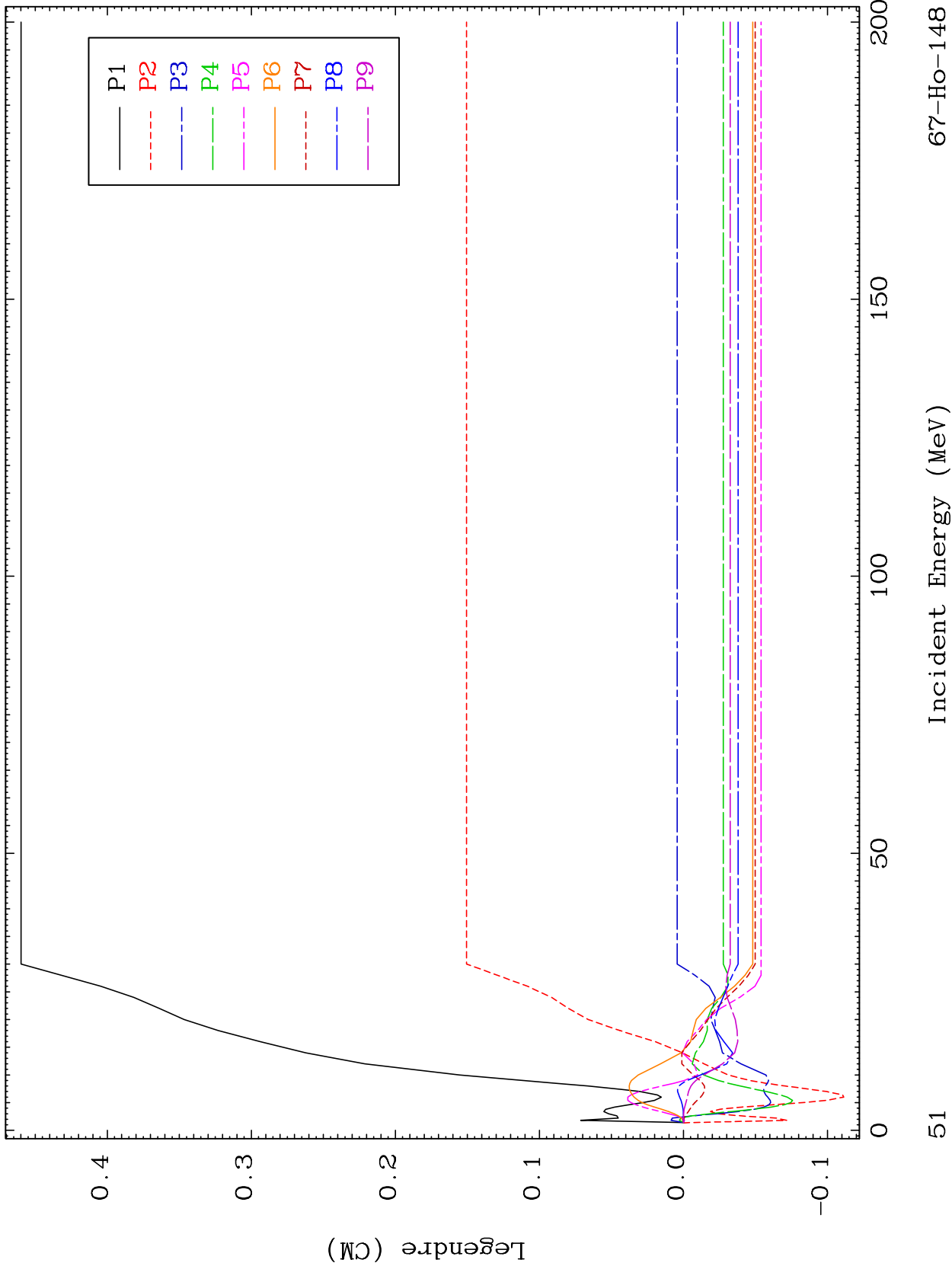
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MAT 6674

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

67-Ho-148



67-Ho-148

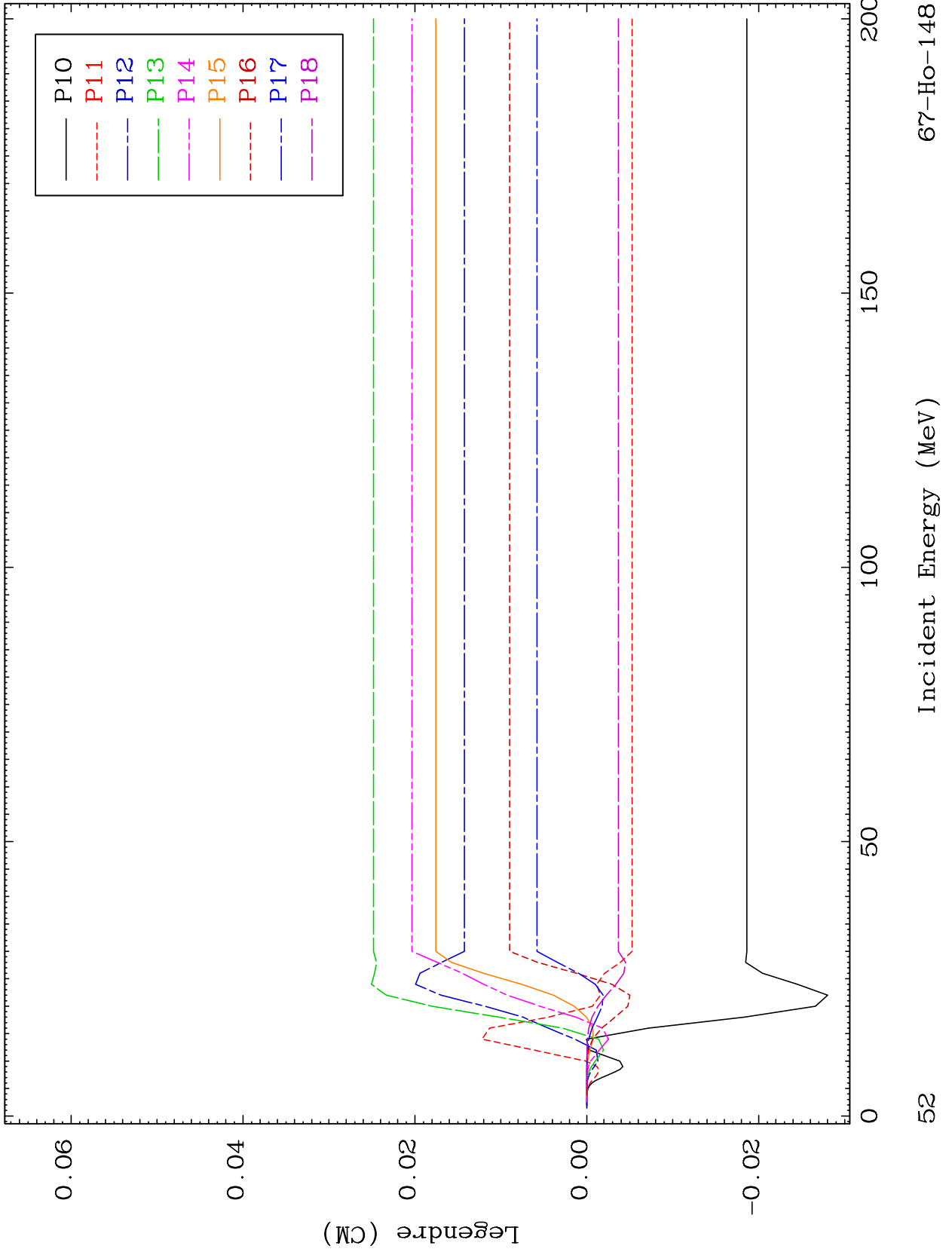
Incident Energy (MeV)

51

MAT 6674

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

67-Ho-148



67-Ho-148

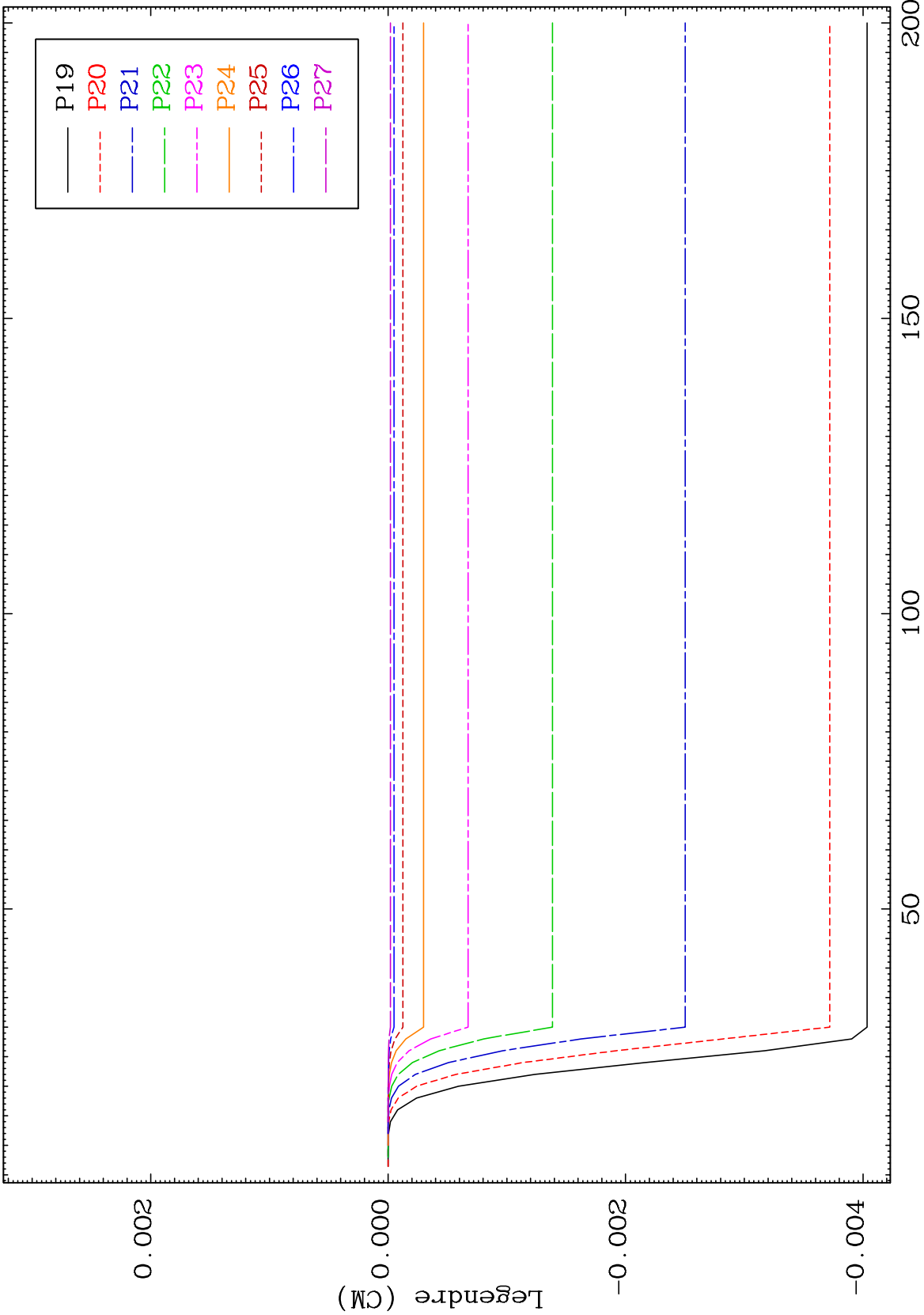
Incident Energy (MeV)

52

MAT 6674

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

67-Ho-148



53

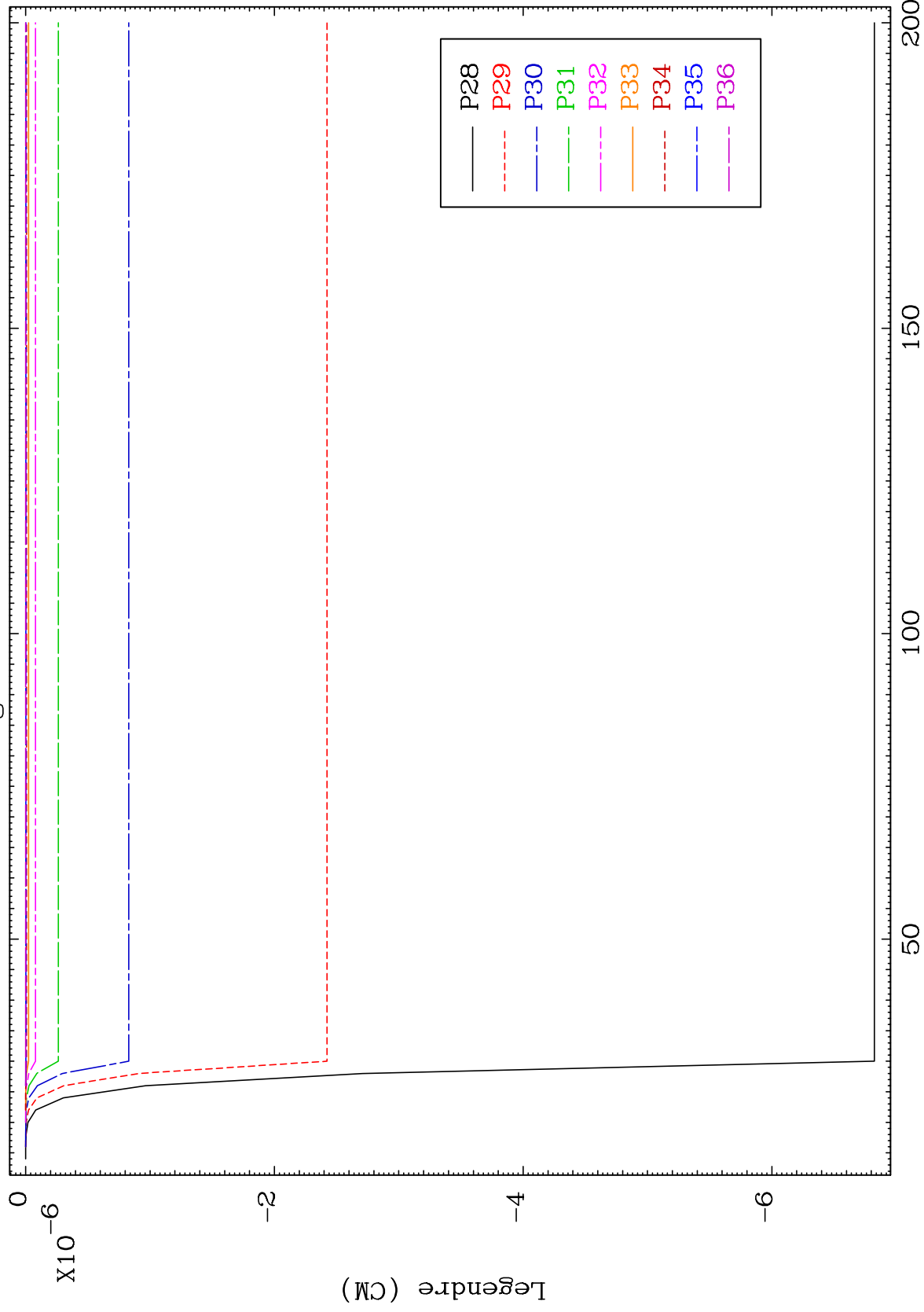
Incident Energy (MeV)

67-Ho-148

MAT 6674

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

67-Ho-148



54

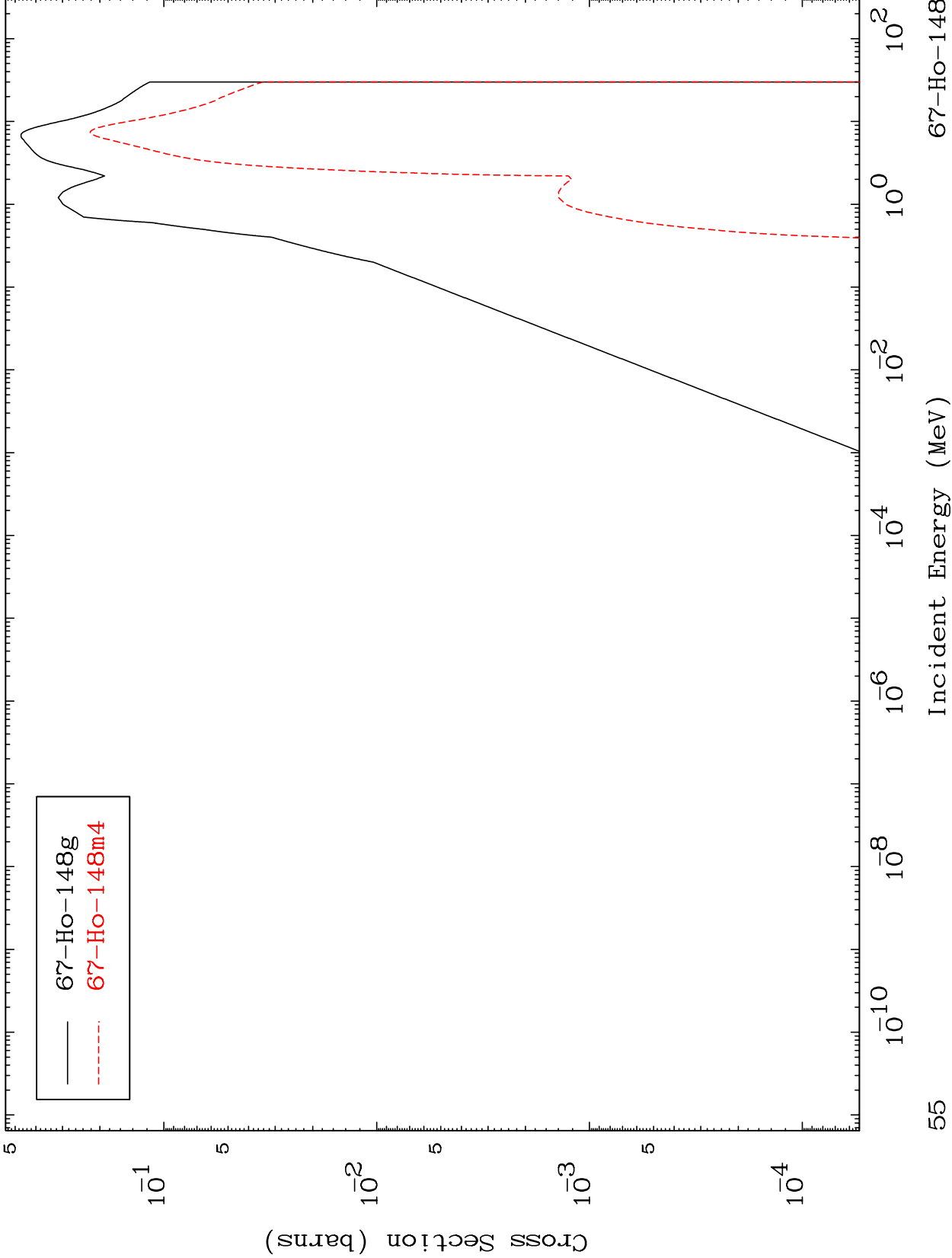
Incident Energy (MeV)

67-Ho-148

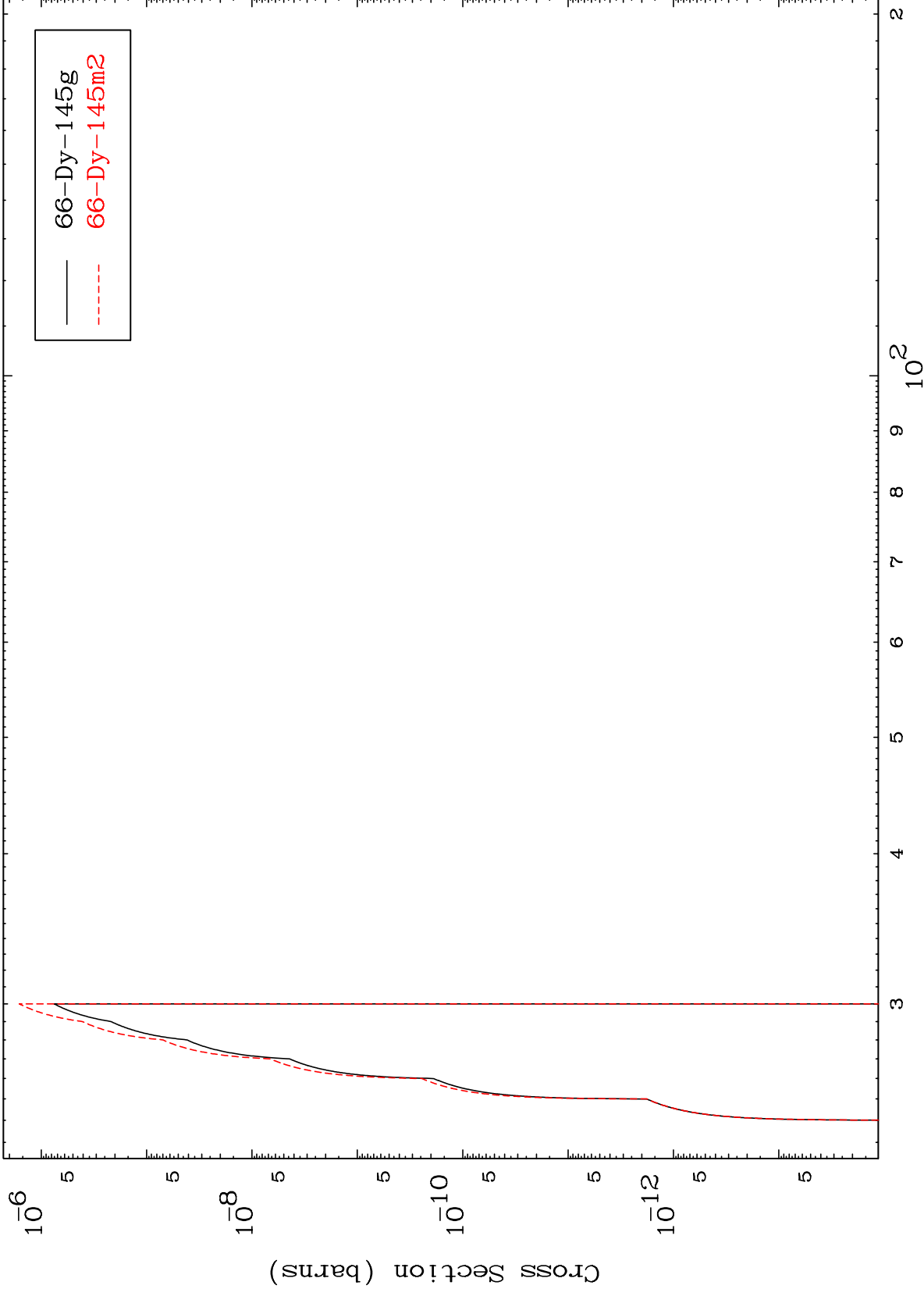
MAT 6674

Inelastic
Radionuclide Production Cross Section

⁶⁷Ho-148



Radionuclide Production Cross Section

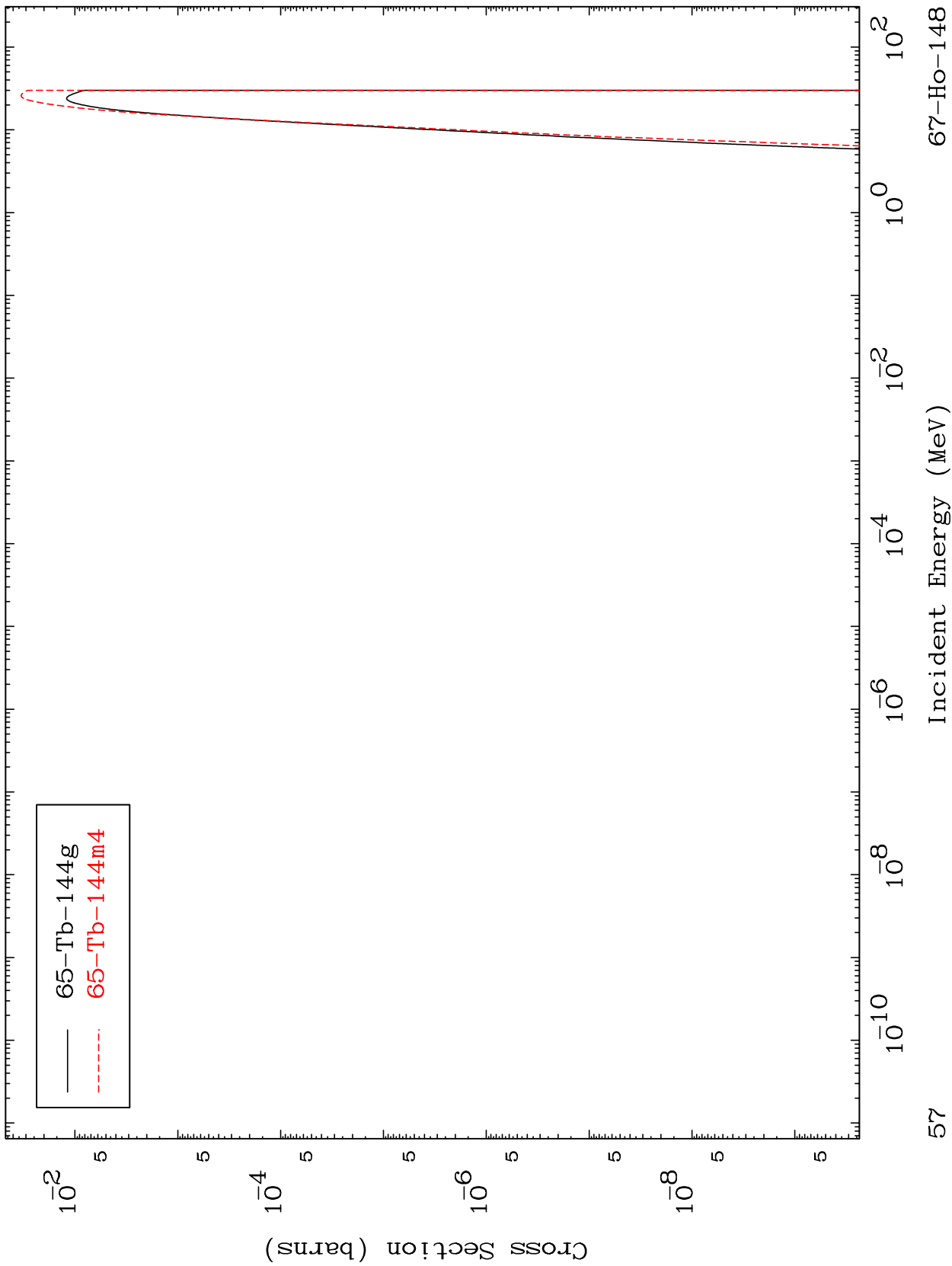


MAT 6674

$(n, n') \alpha$

67-Ho-148

Radionuclide Production Cross Section



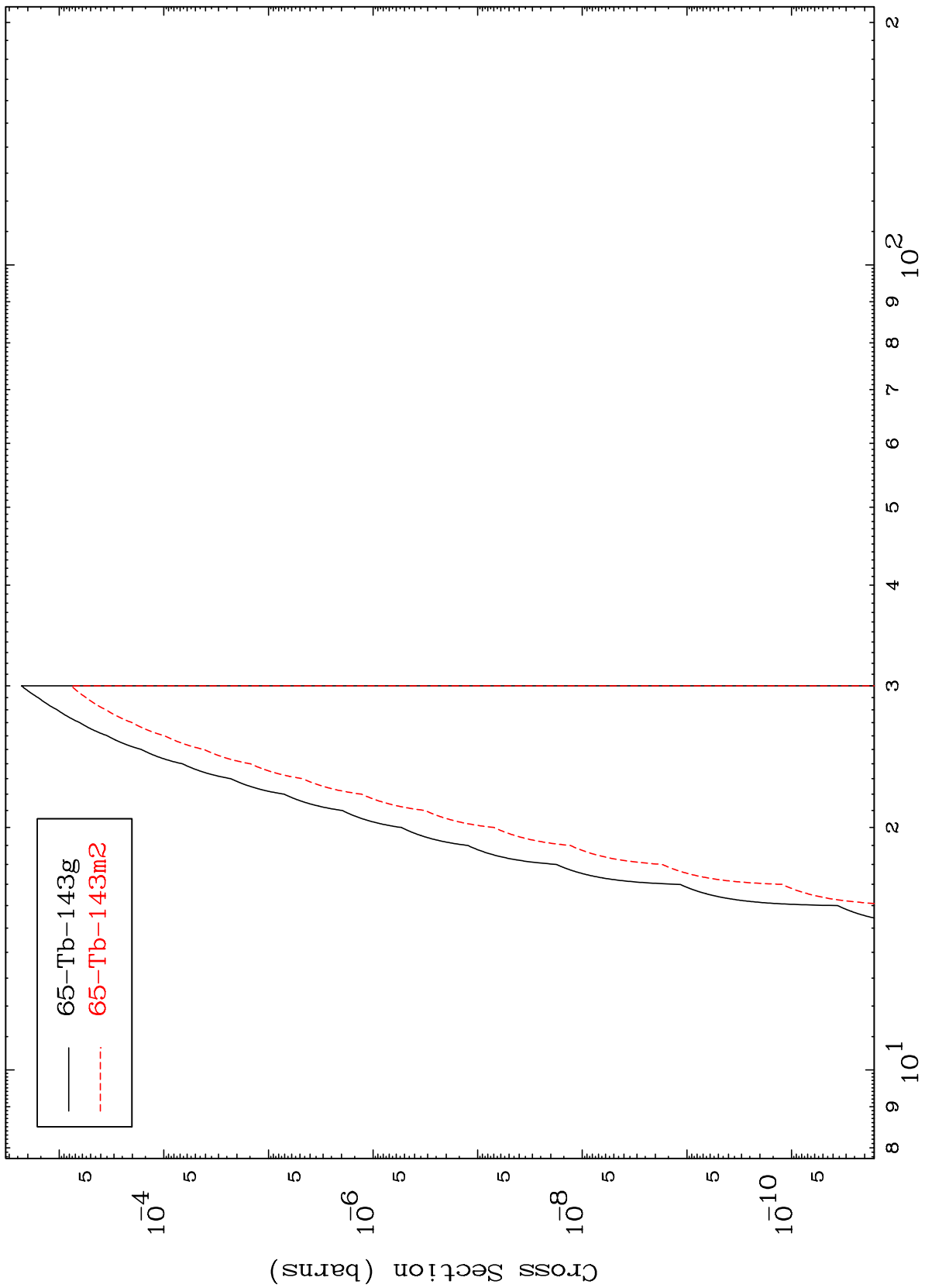
65-Tb-144g
65-Tb-144m4

MAT 6674

(n,2n) α

67-Ho-148

Radionuclide Production Cross Section



58

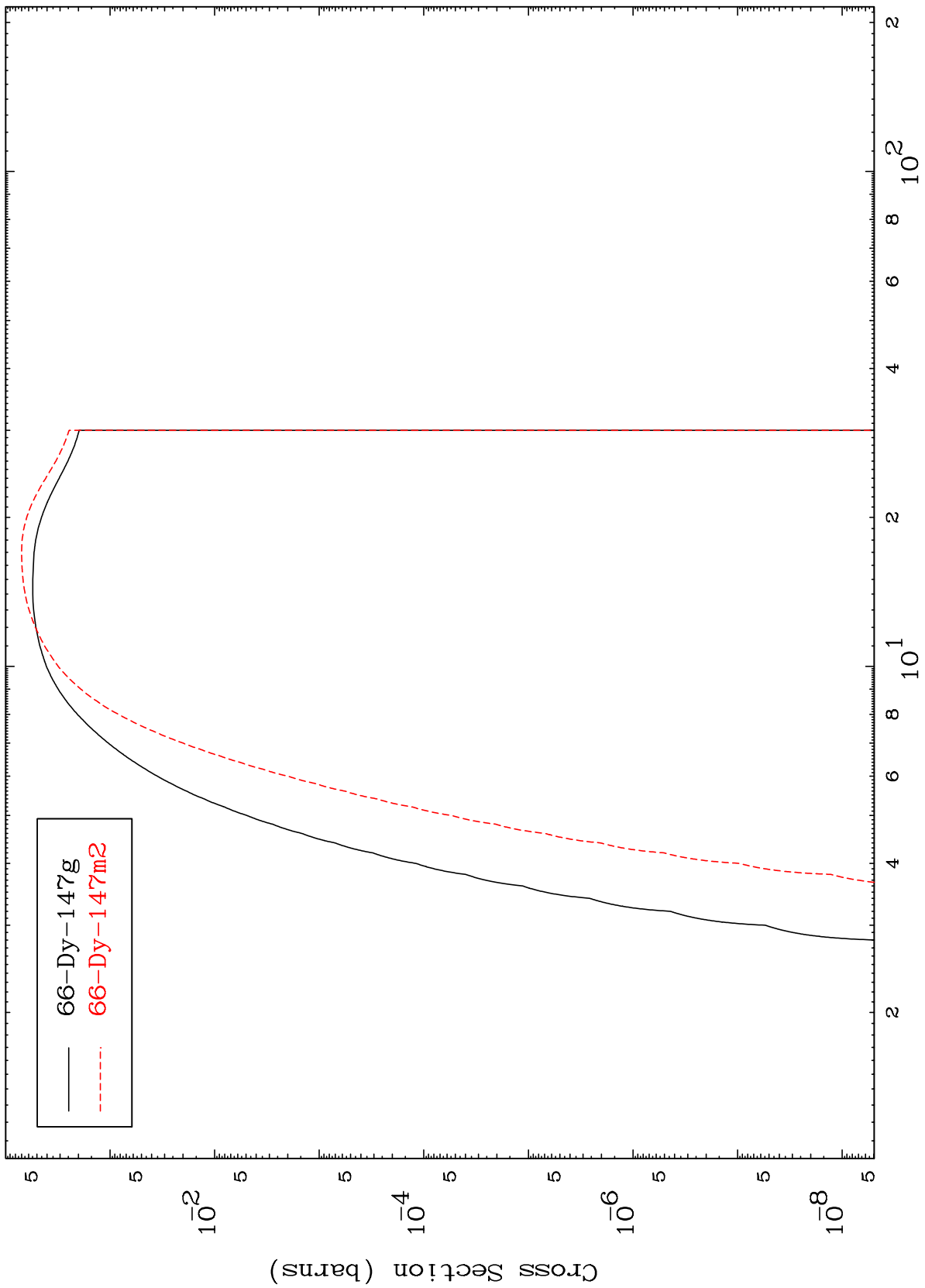
Incident Energy (MeV)

67-Ho-148

MAT 6674

67-Ho-148

(n,n') p
Radionuclide Production Cross Section



59

Incident Energy (MeV)

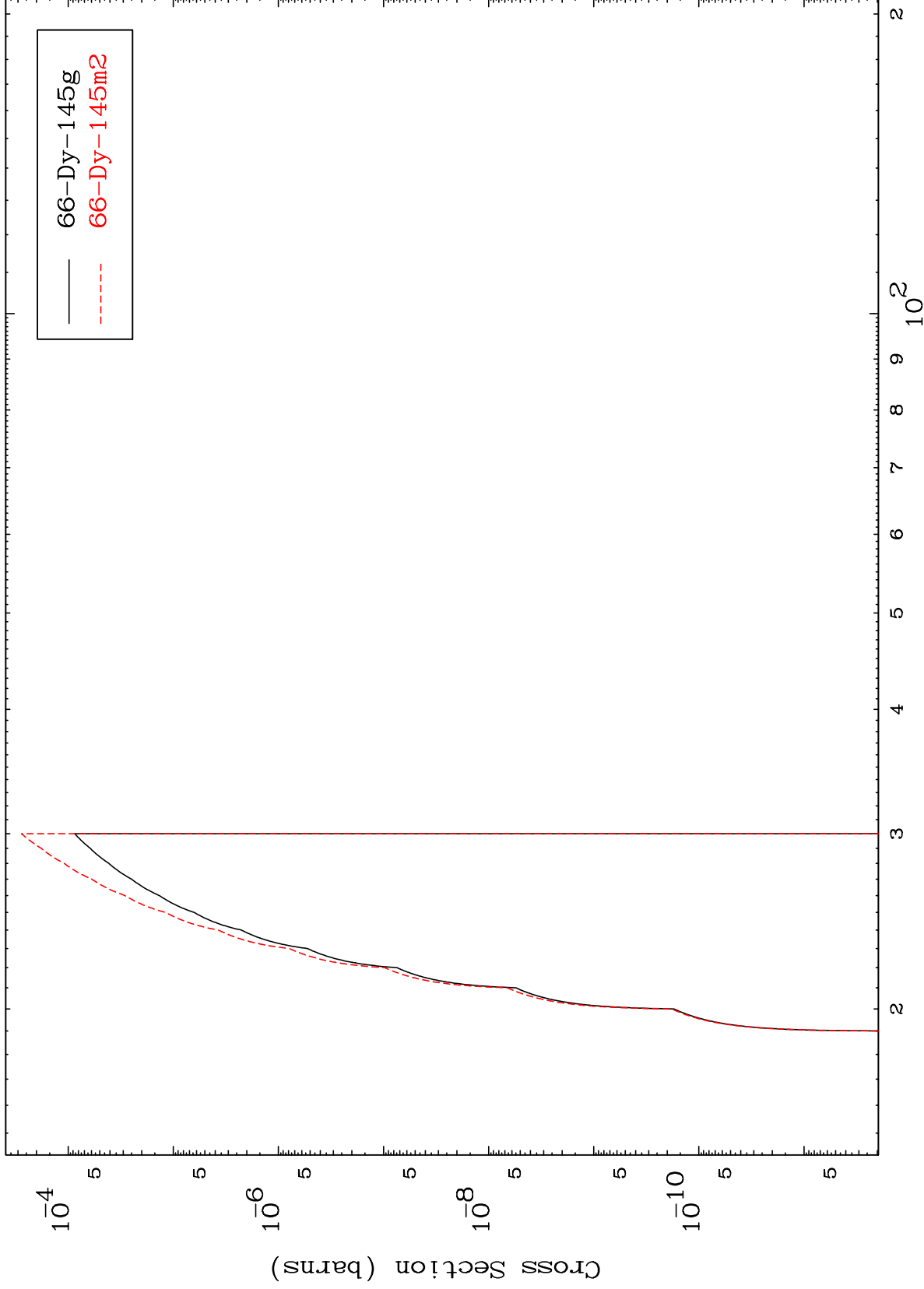
67-Ho-148

MAT 6674

(n,n') t

67-Ho-148

Radionuclide Production Cross Section



60

Incident Energy (MeV)

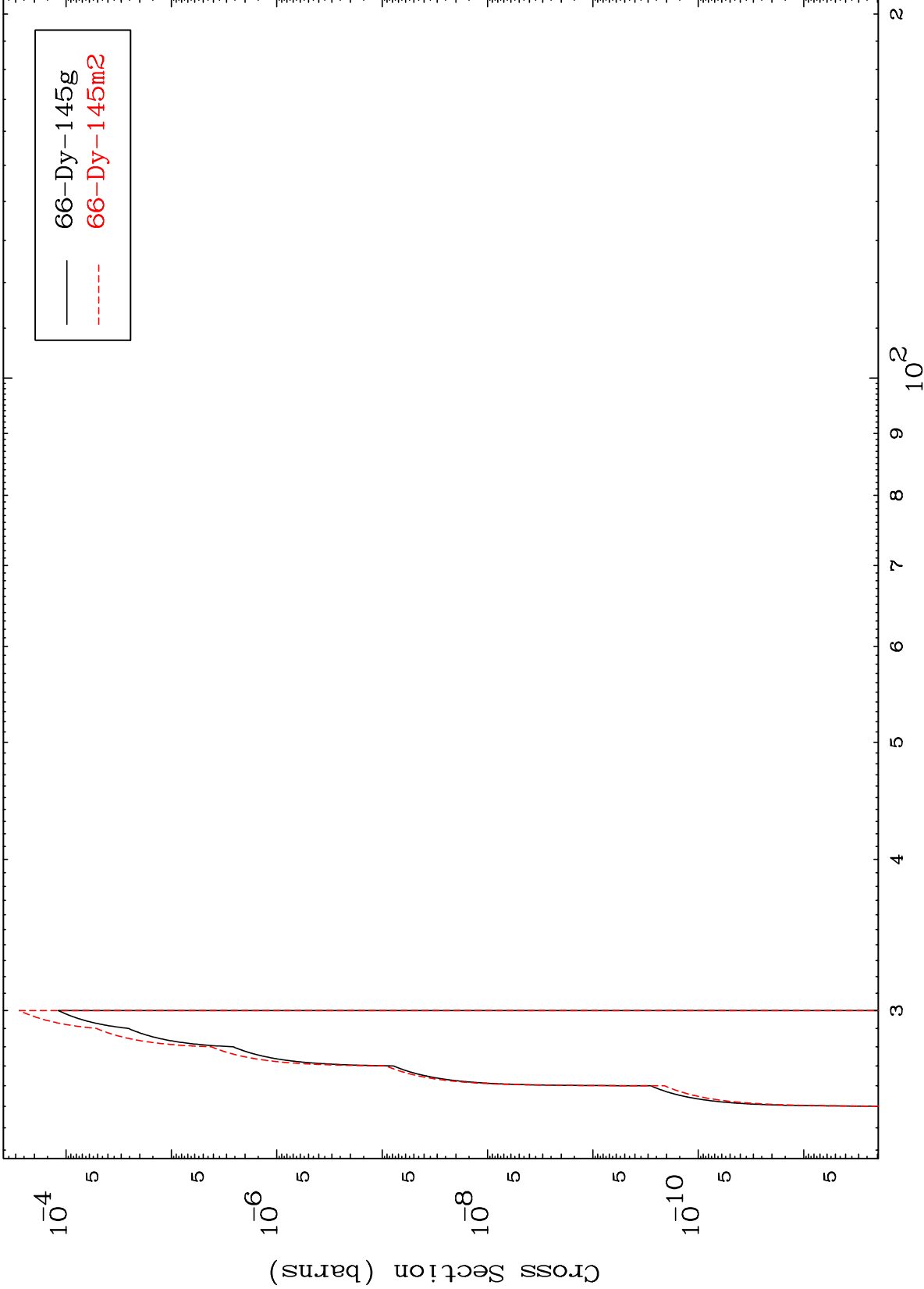
67-Ho-148

MAT 6674

(n,3n) p

67-Ho-148

Radionuclide Production Cross Section



61

Incident Energy (MeV)

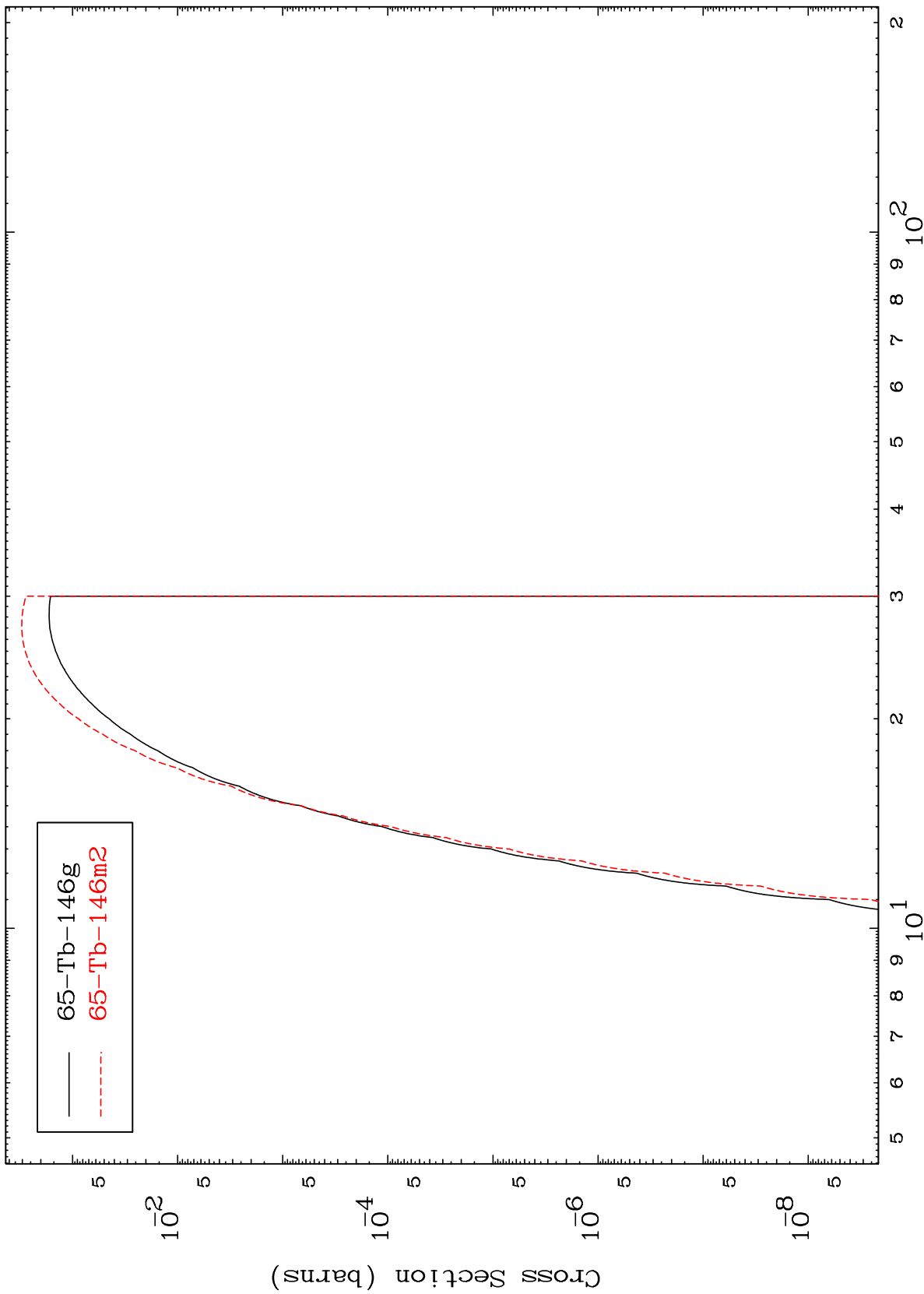
67-Ho-148

MAT 6674

^{67}Ho -148

^{67}Ho -148

Radionuclide Production Cross Section



— ^{65}Tb -146g
- - - ^{65}Tb -146m2

62

Incident Energy (MeV)

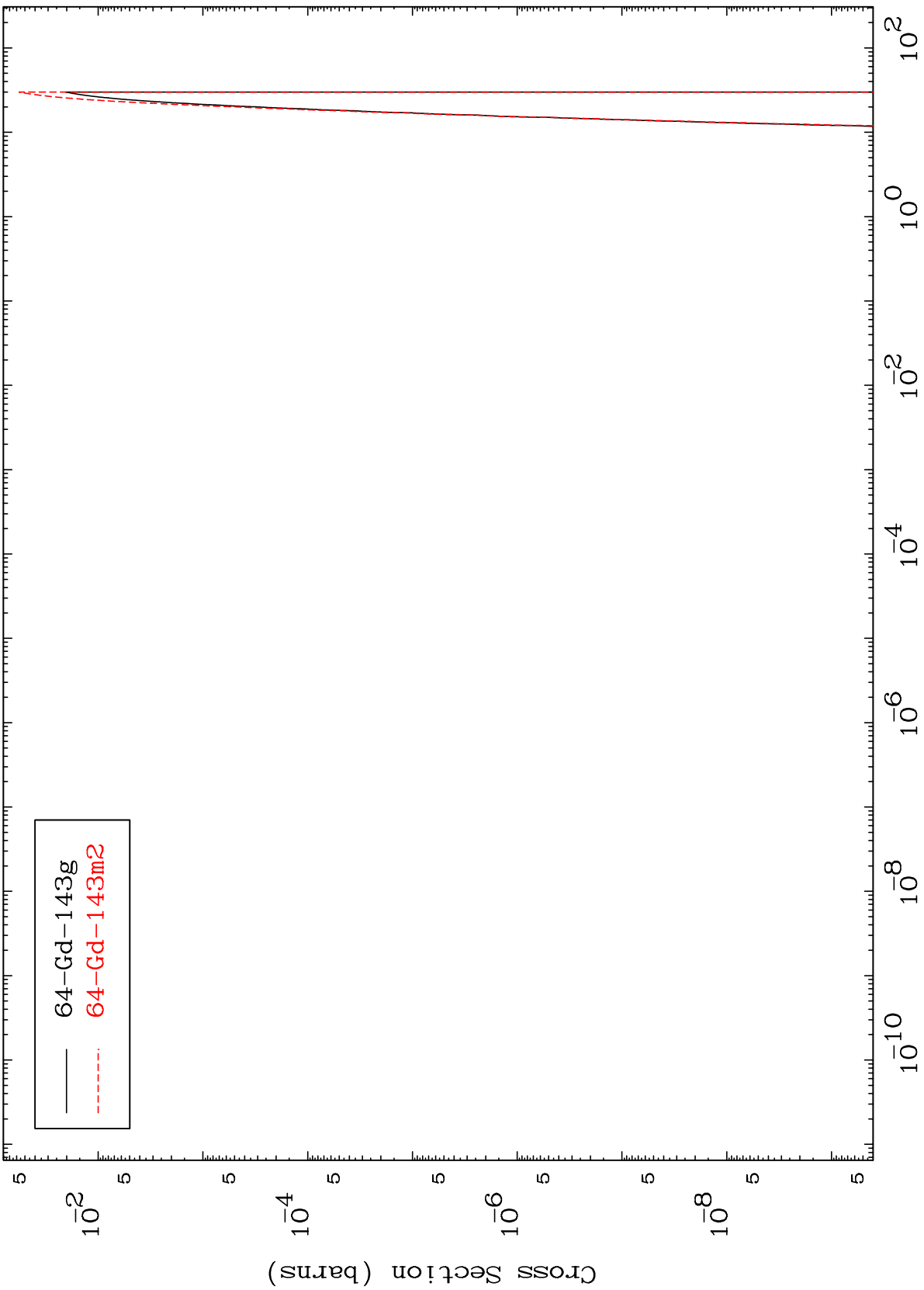
^{67}Ho -148

MAT 6674

(n,n') p α

67-Ho-148

Radionuclide Production Cross Section



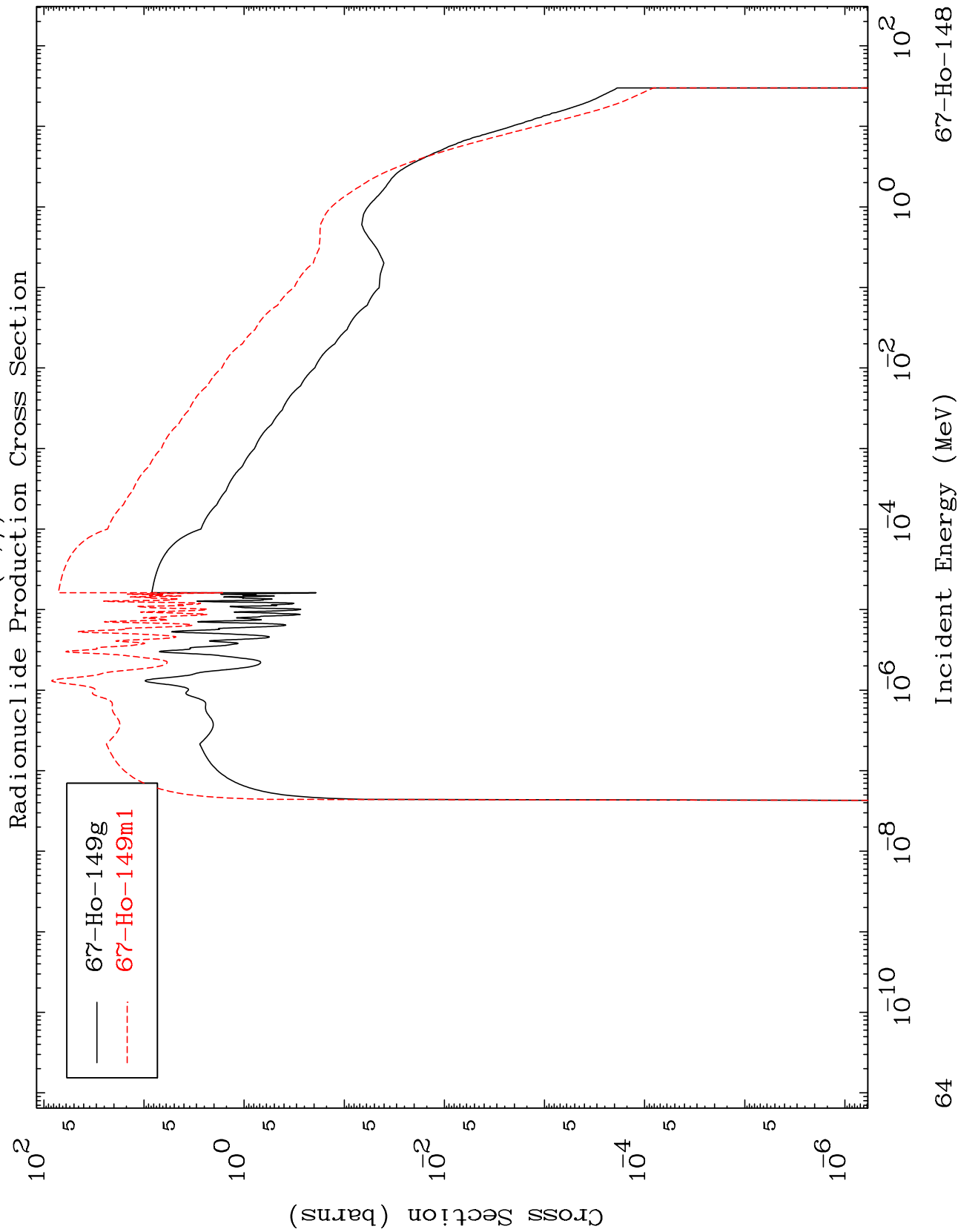
63

Incident Energy (MeV)

67-Ho-148

MAT 6674

⁶⁷Ho-148



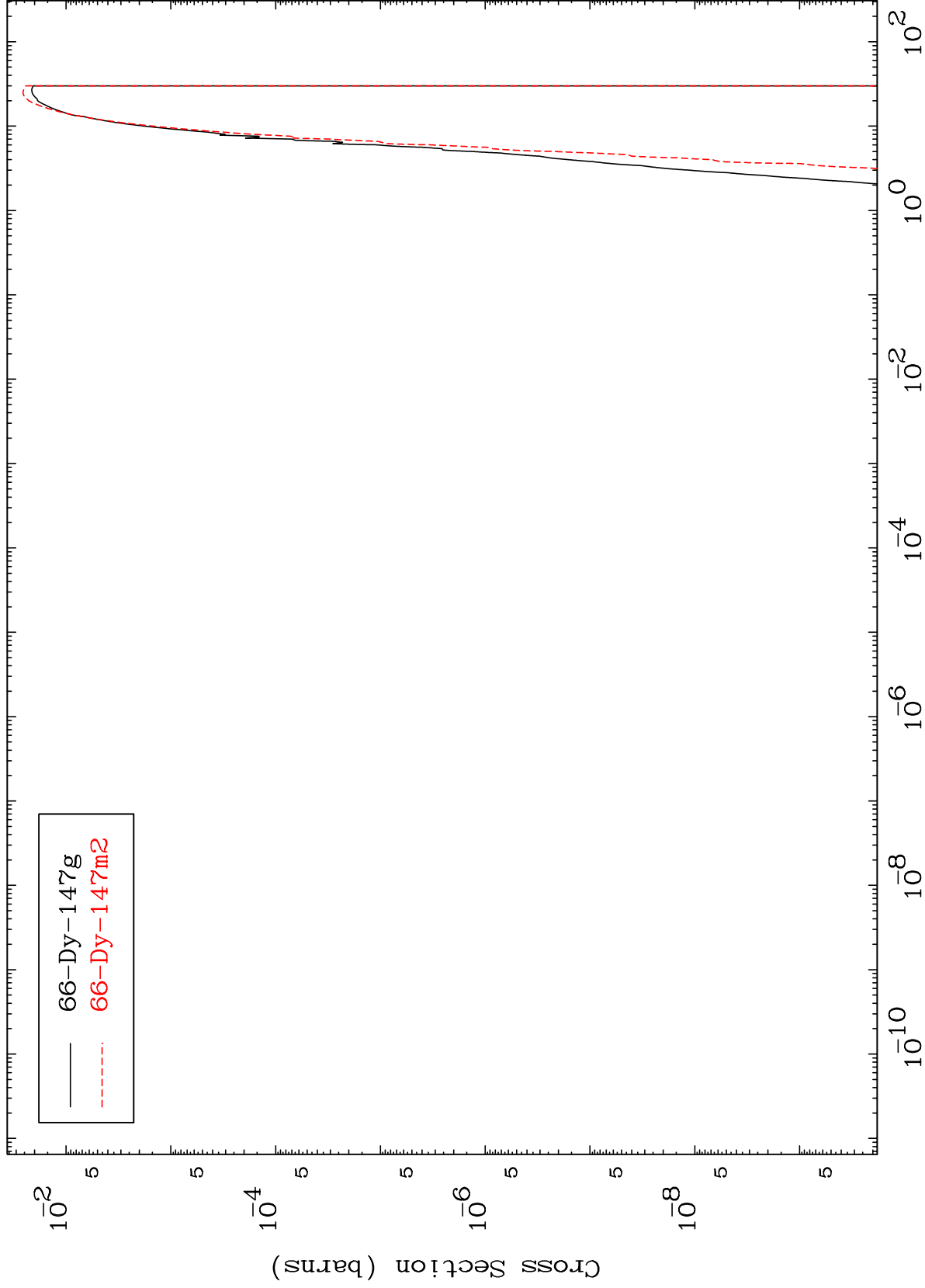
64

MAT 6674

(n,d)

⁶⁷Ho-148

Radionuclide Production Cross Section



66-Dy-147g
66-Dy-147m2

65

Incident Energy (MeV)

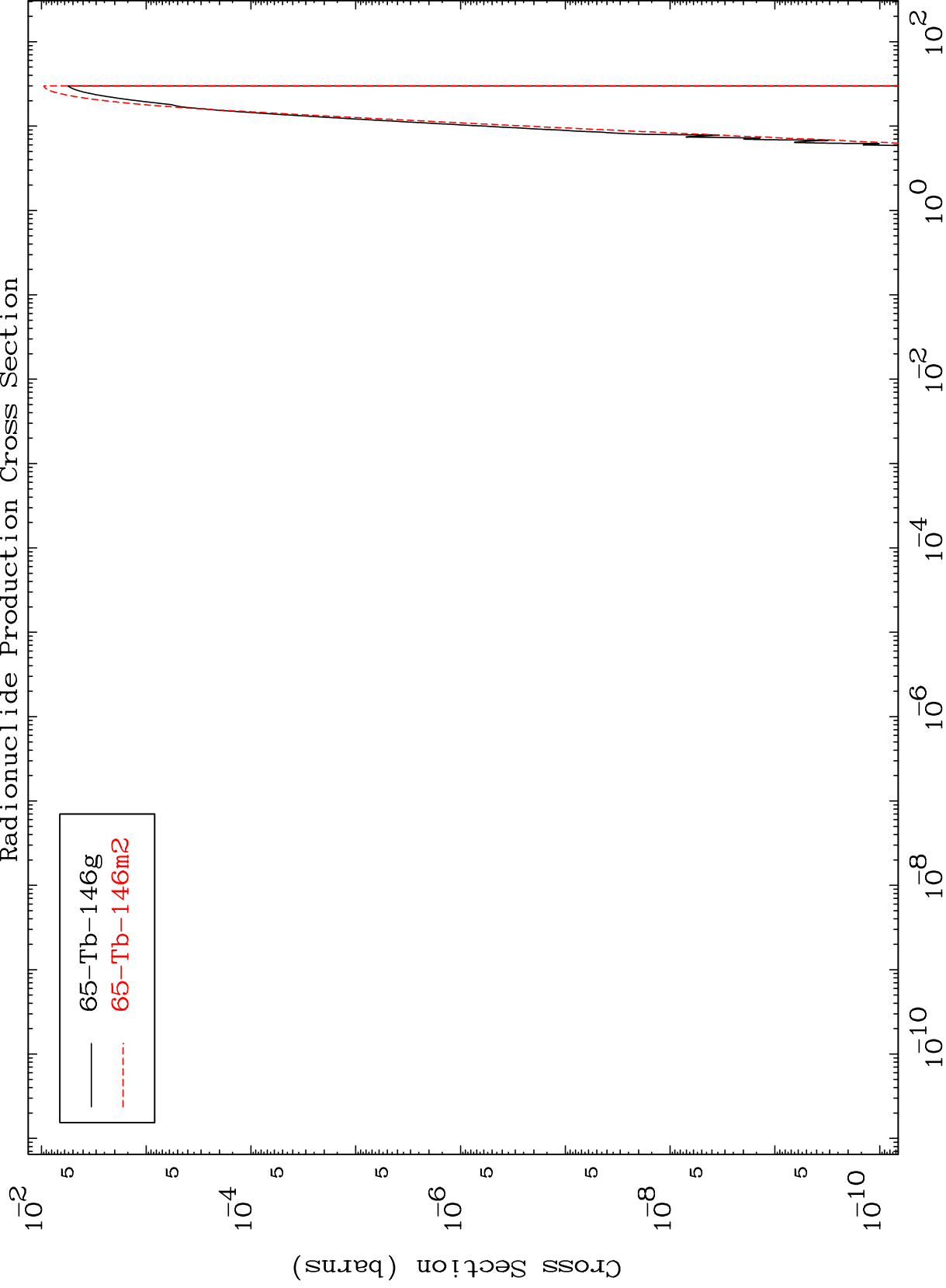
⁶⁷Ho-148

MAT 6674

(n,He-3)

67-Ho-148

Radionuclide Production Cross Section



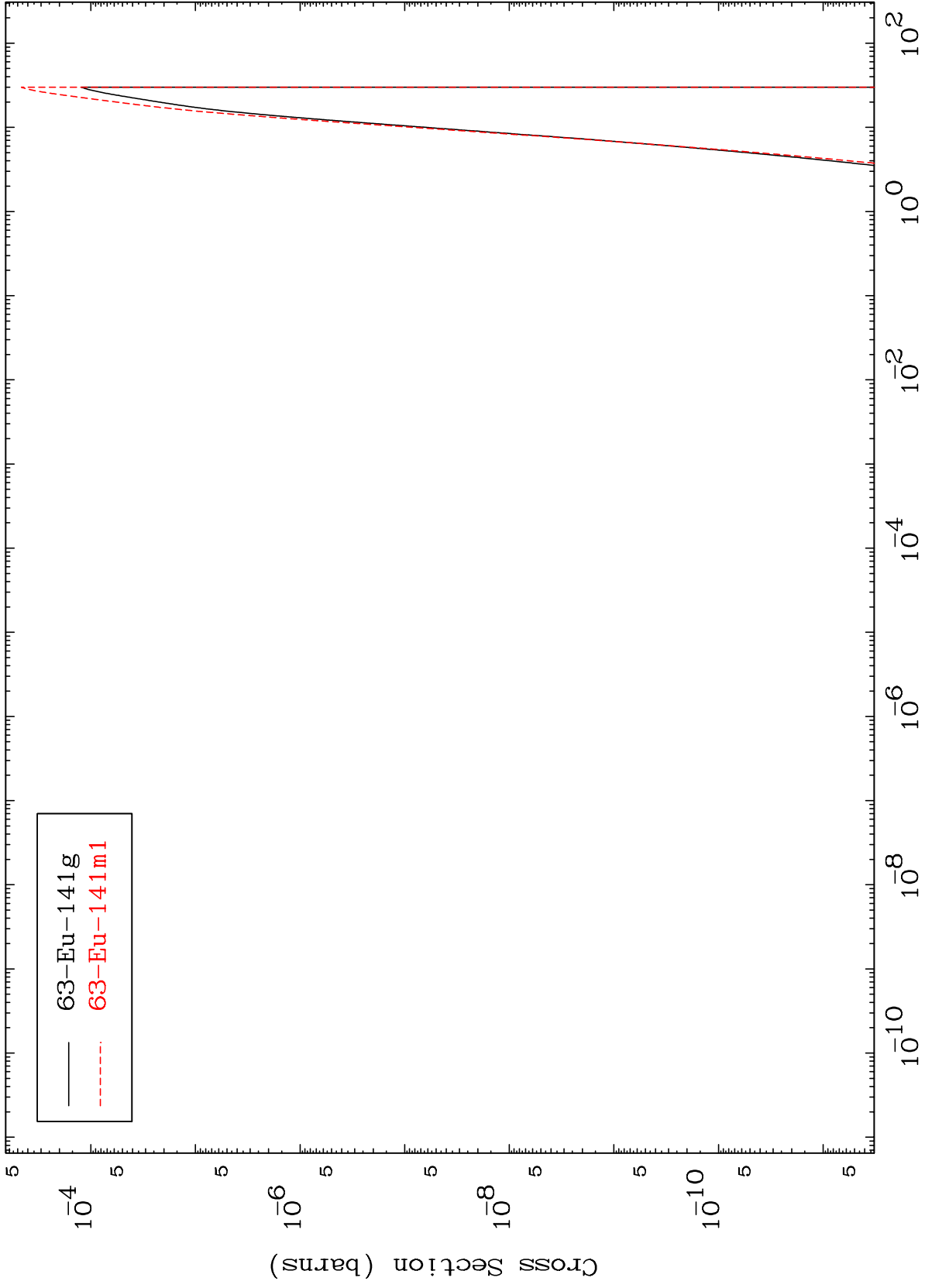
66

MAT 6674

(n,2α)

67-Ho-148

Radionuclide Production Cross Section



67

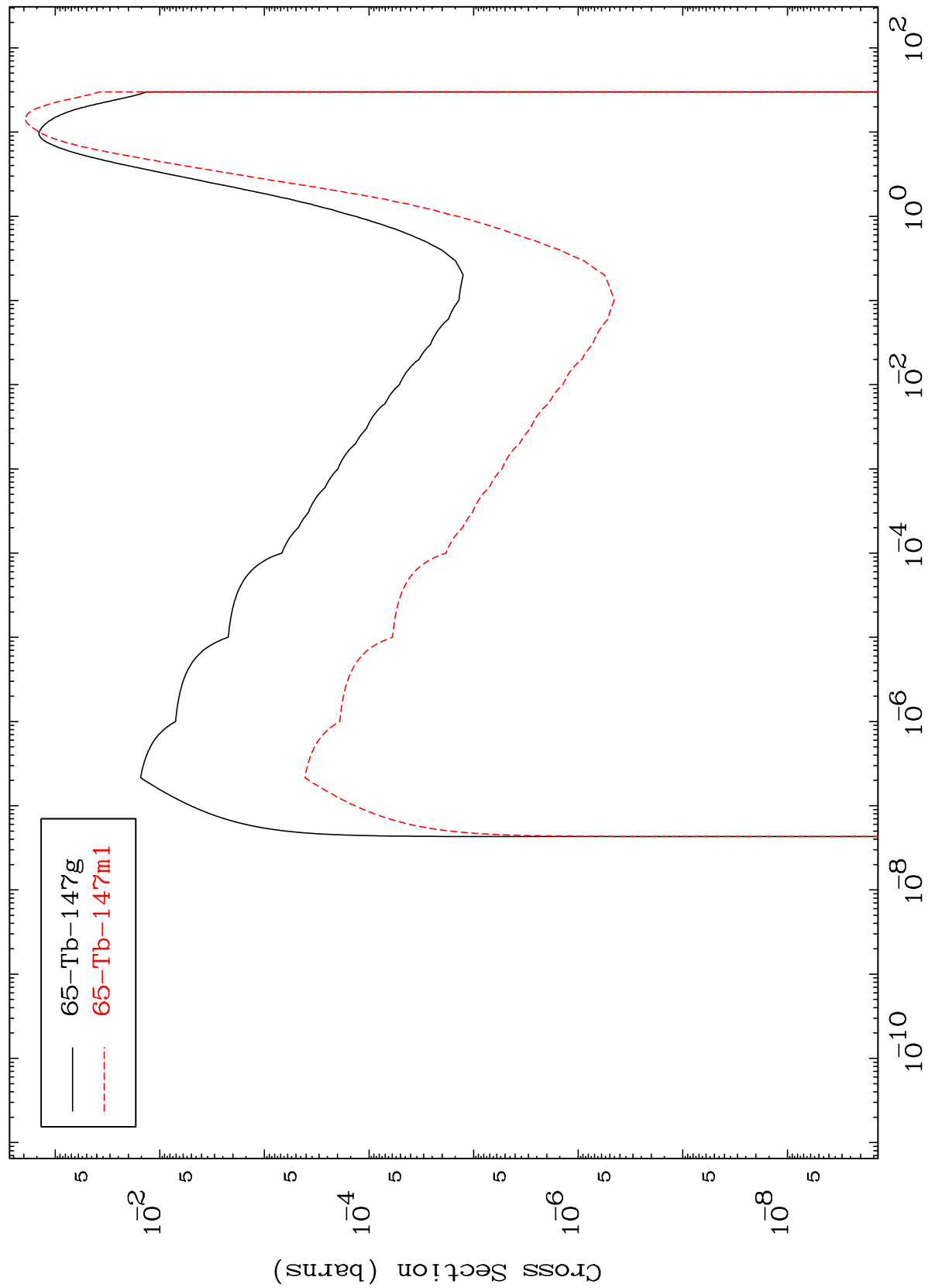
Incident Energy (MeV)

67-Ho-148

MAT 6674

67-Ho-148

Radionuclide Production Cross Section
(n,2p)



— 65-Tb-147g
- - - 65-Tb-147m1

67-Ho-148

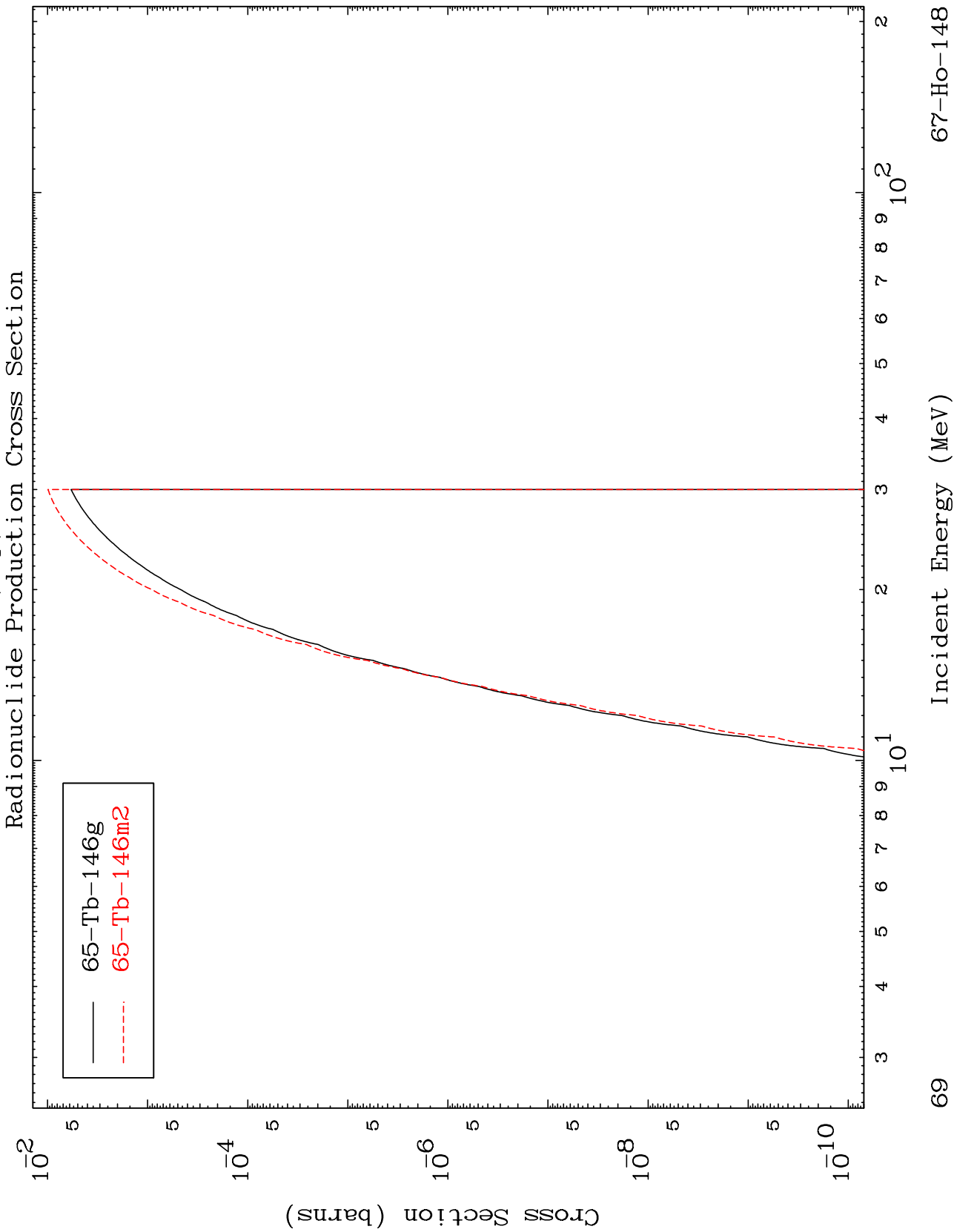
Incident Energy (MeV)

68

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(n,p) d

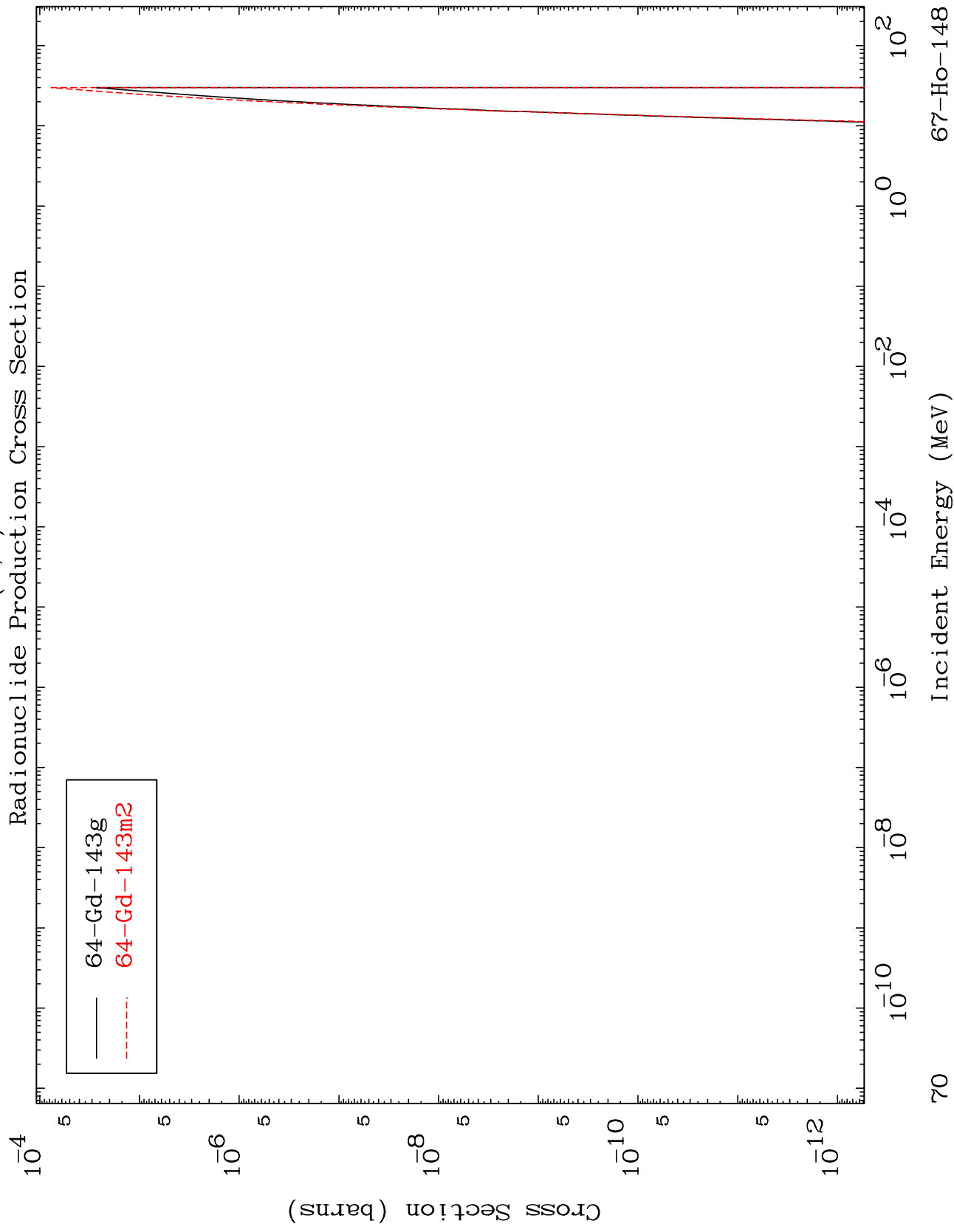
⁶⁷Ho-148



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(n,d) α

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



70