

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

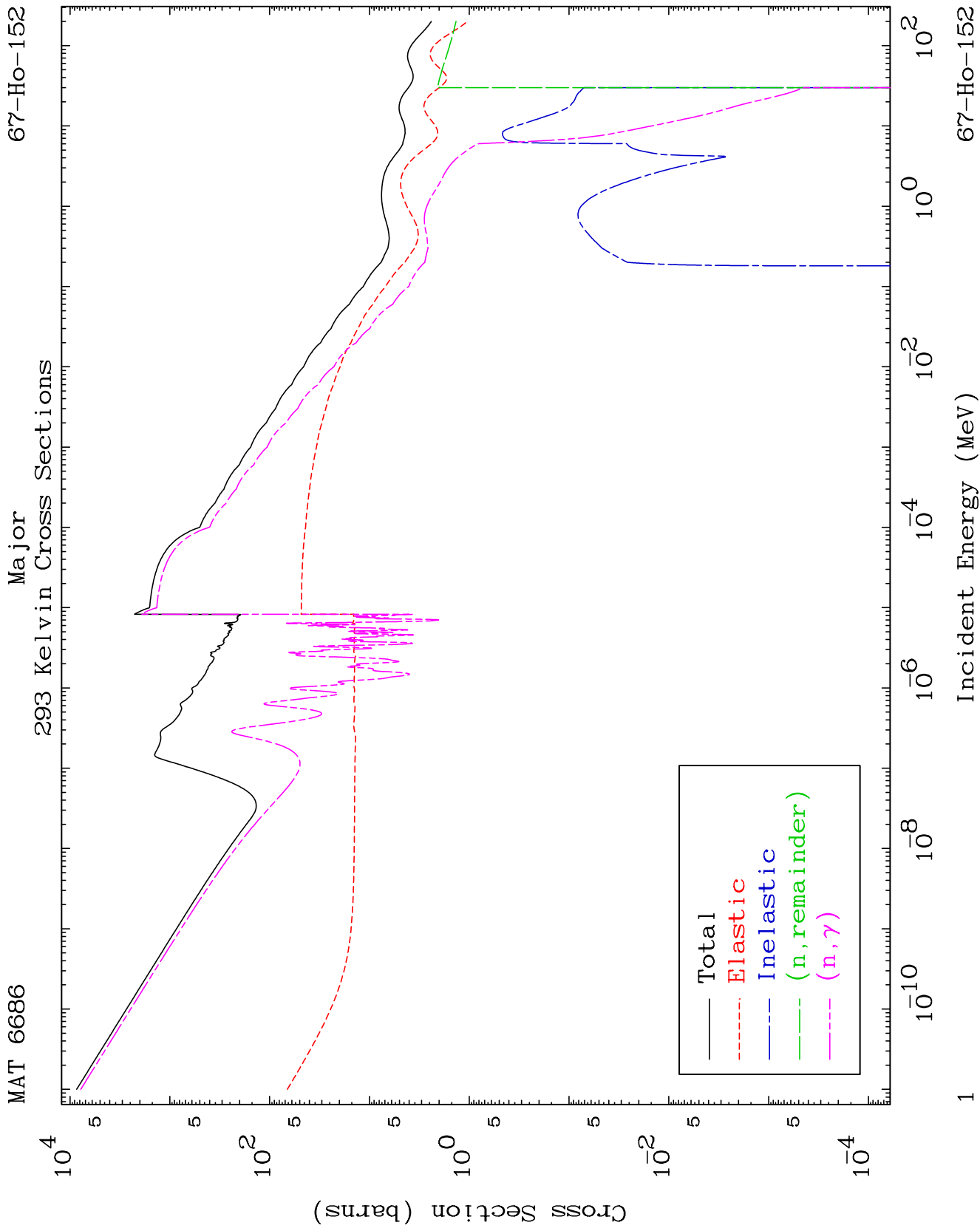
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



MAT 6686

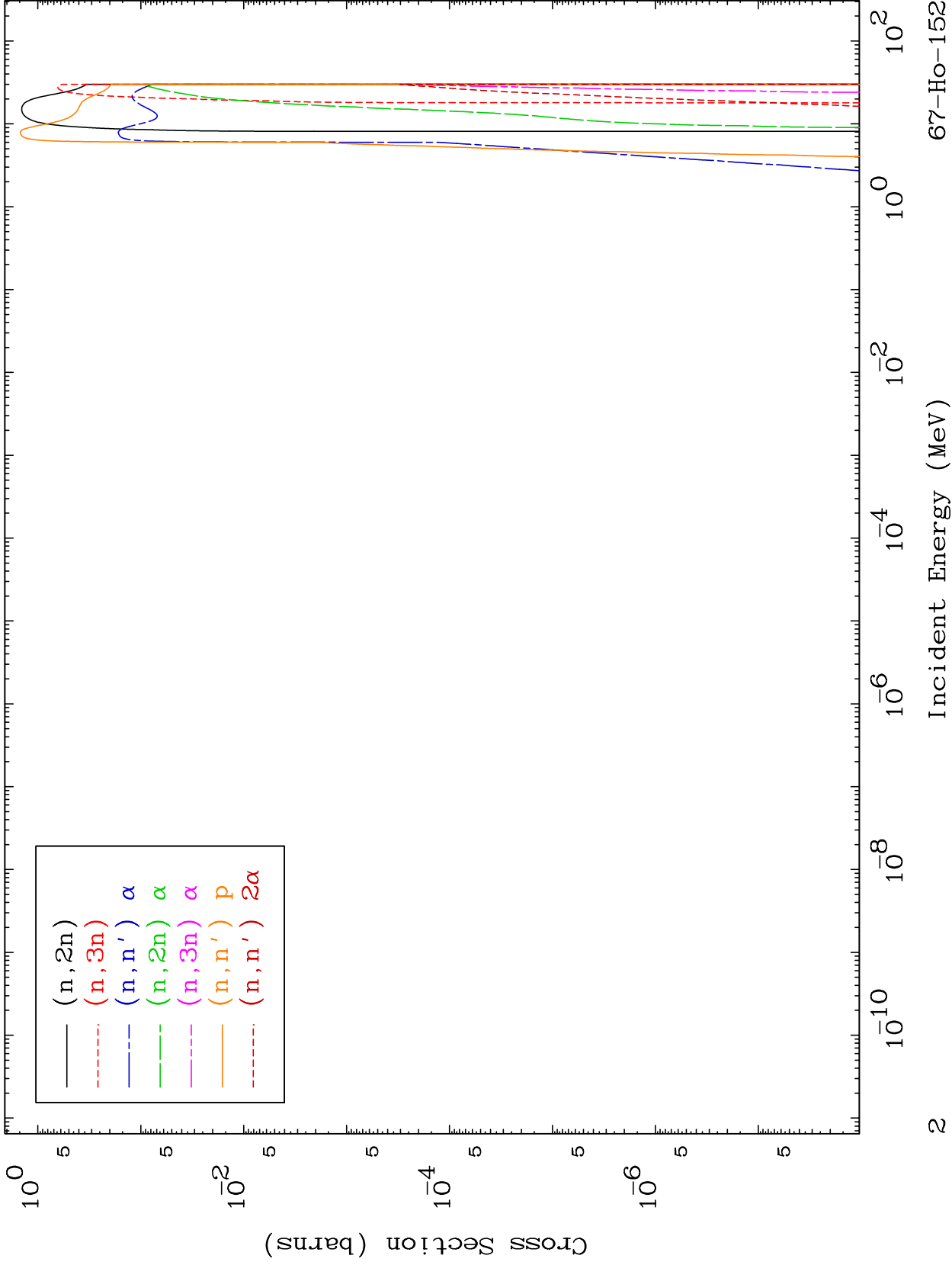
293 Kelvin

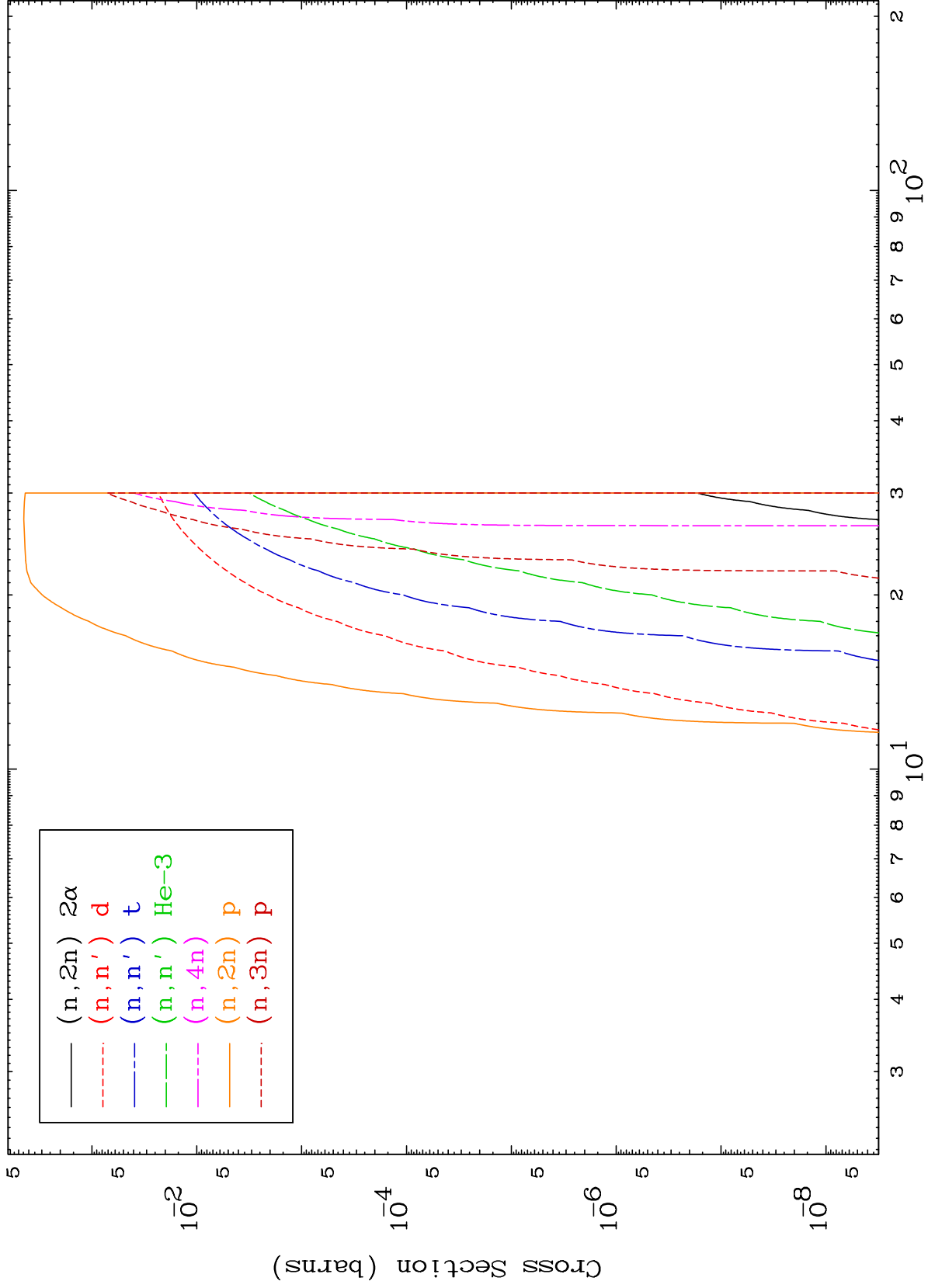
67-Ho-152

MAT 6686

Neutron Production
293 Kelvin Cross Sections

67-Ho-152

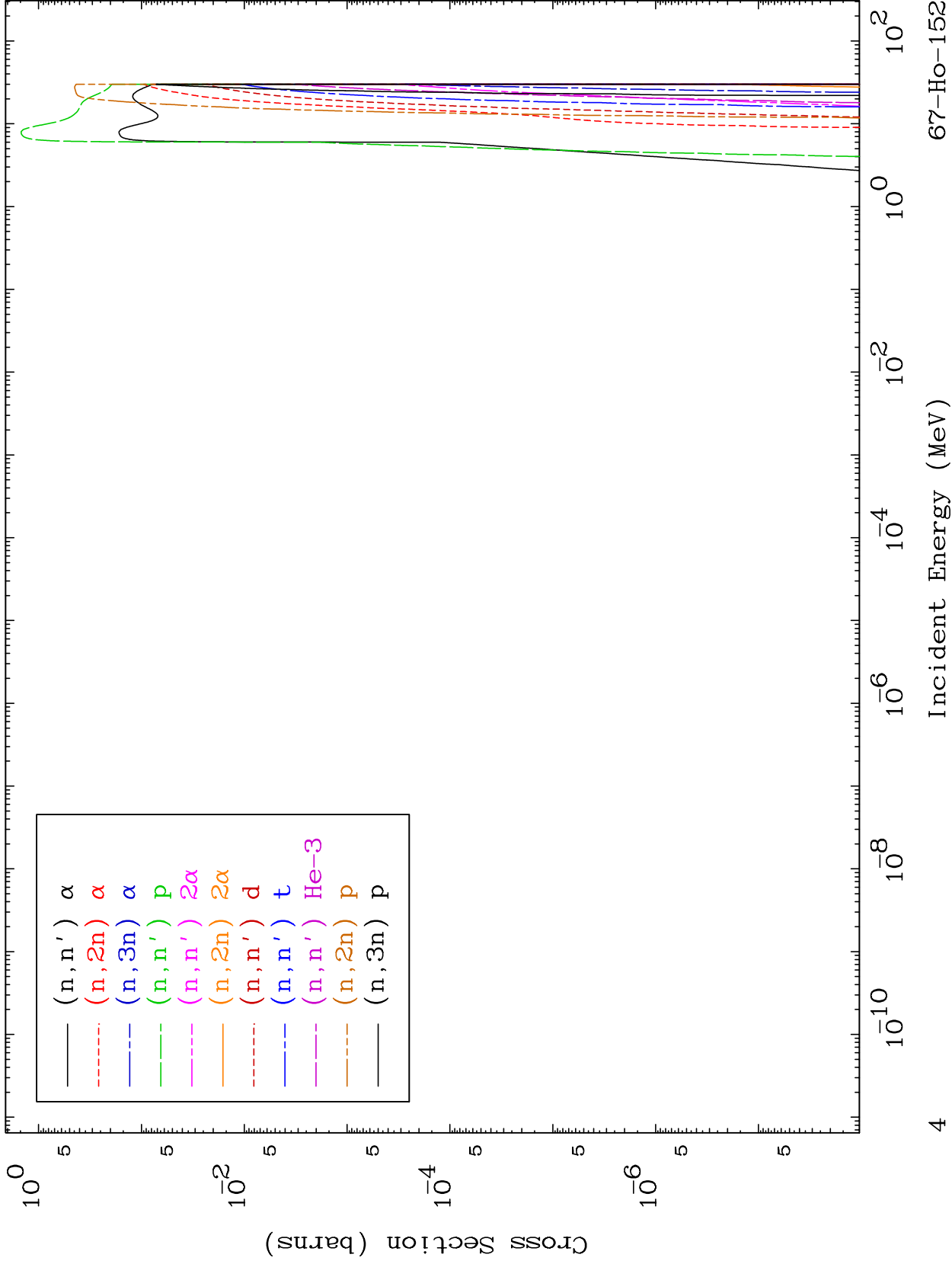


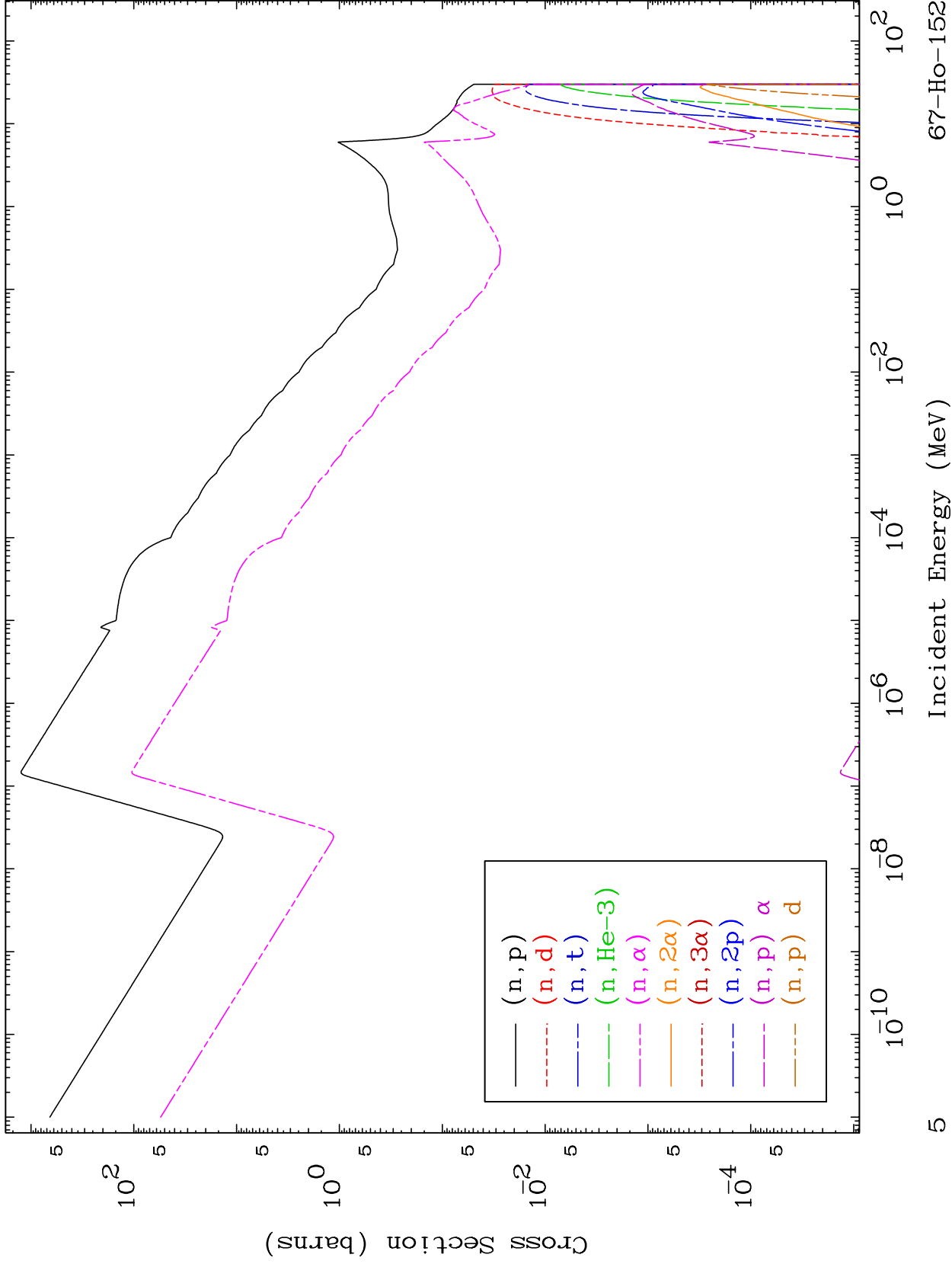


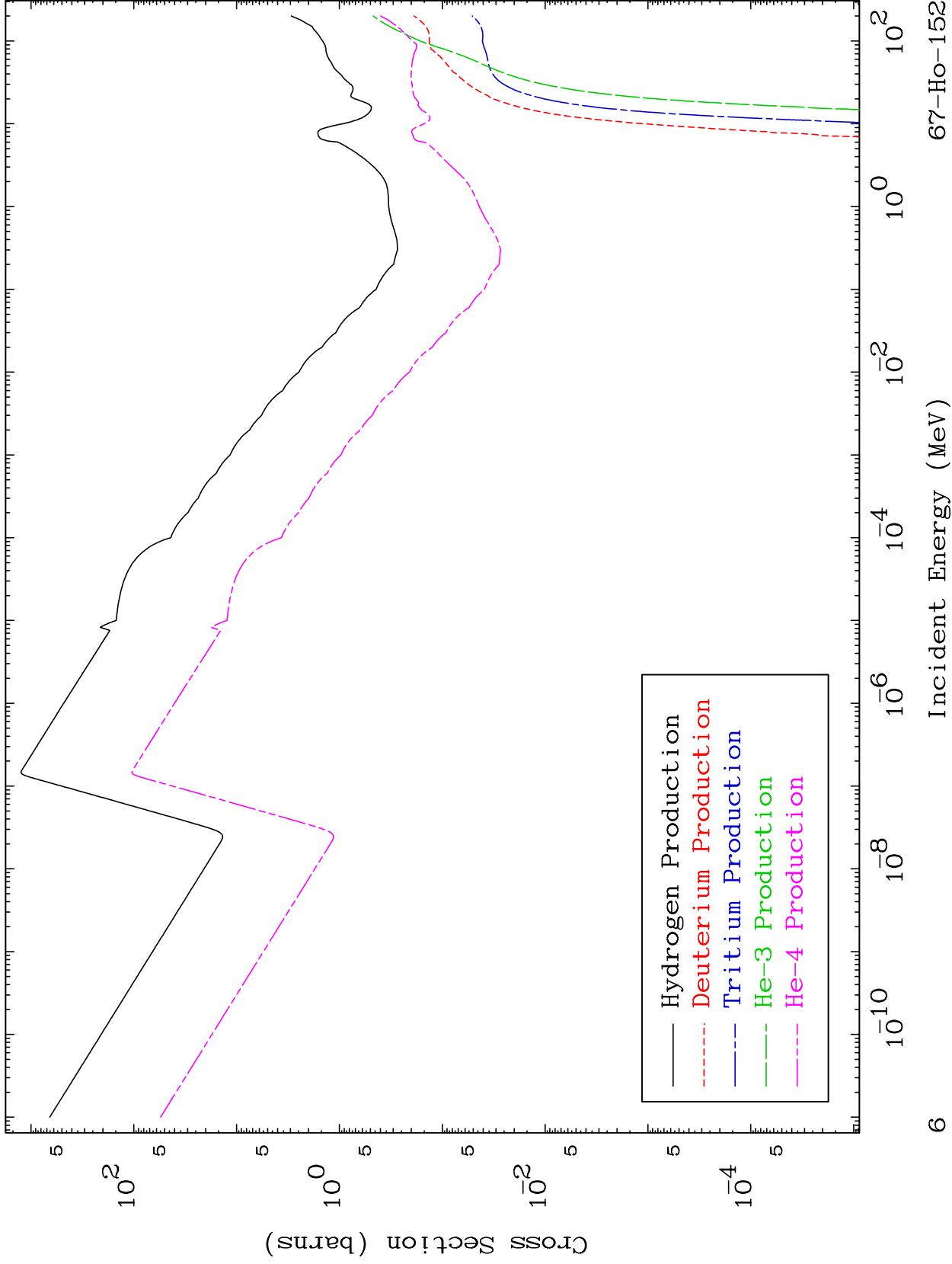
MAT 6686

Charged Particle
293 Kelvin Cross Sections

67-Ho-152





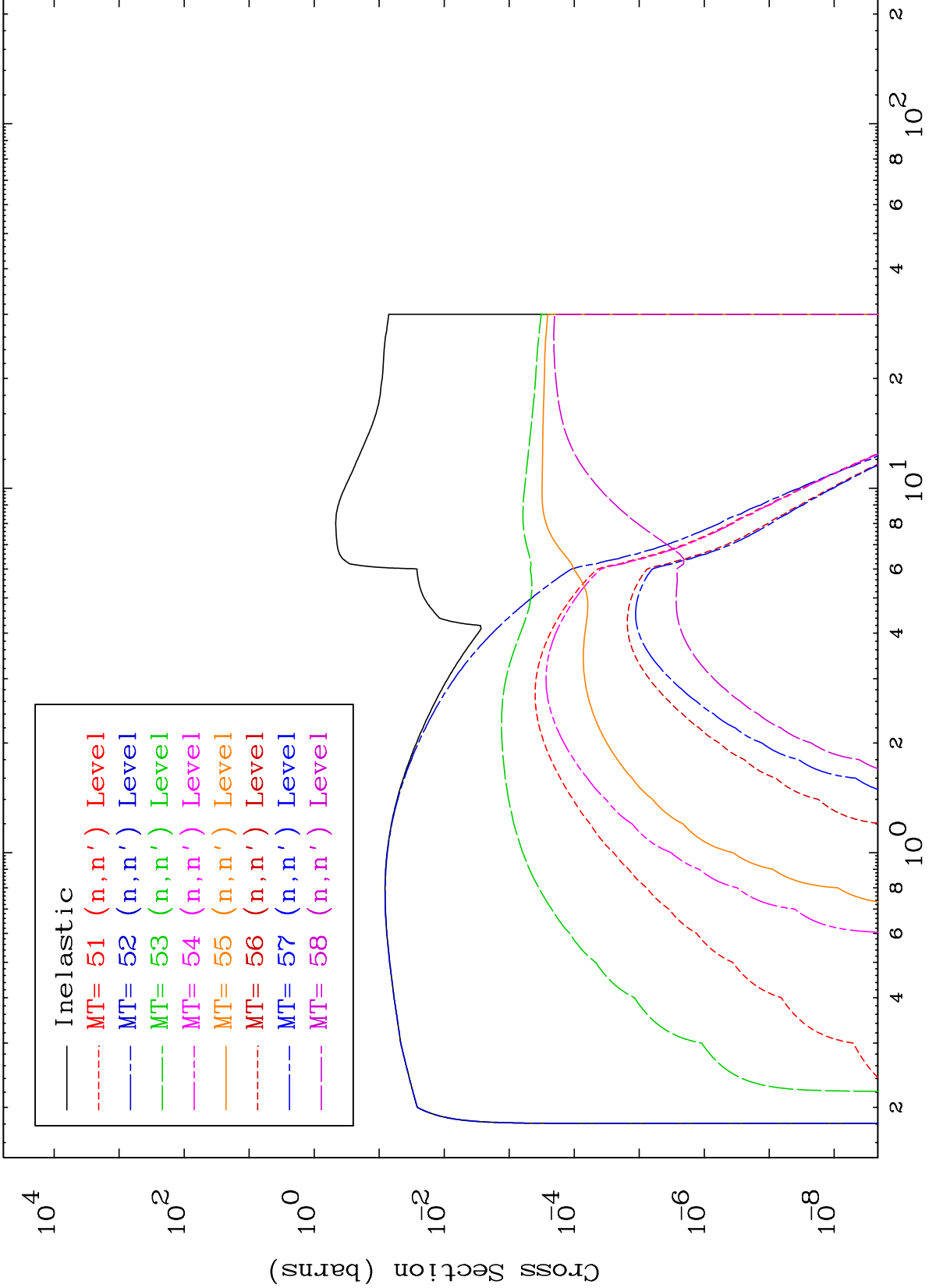


MAT 6686

293 Kelvin Cross Sections

(n,n') Level

67-Ho-152

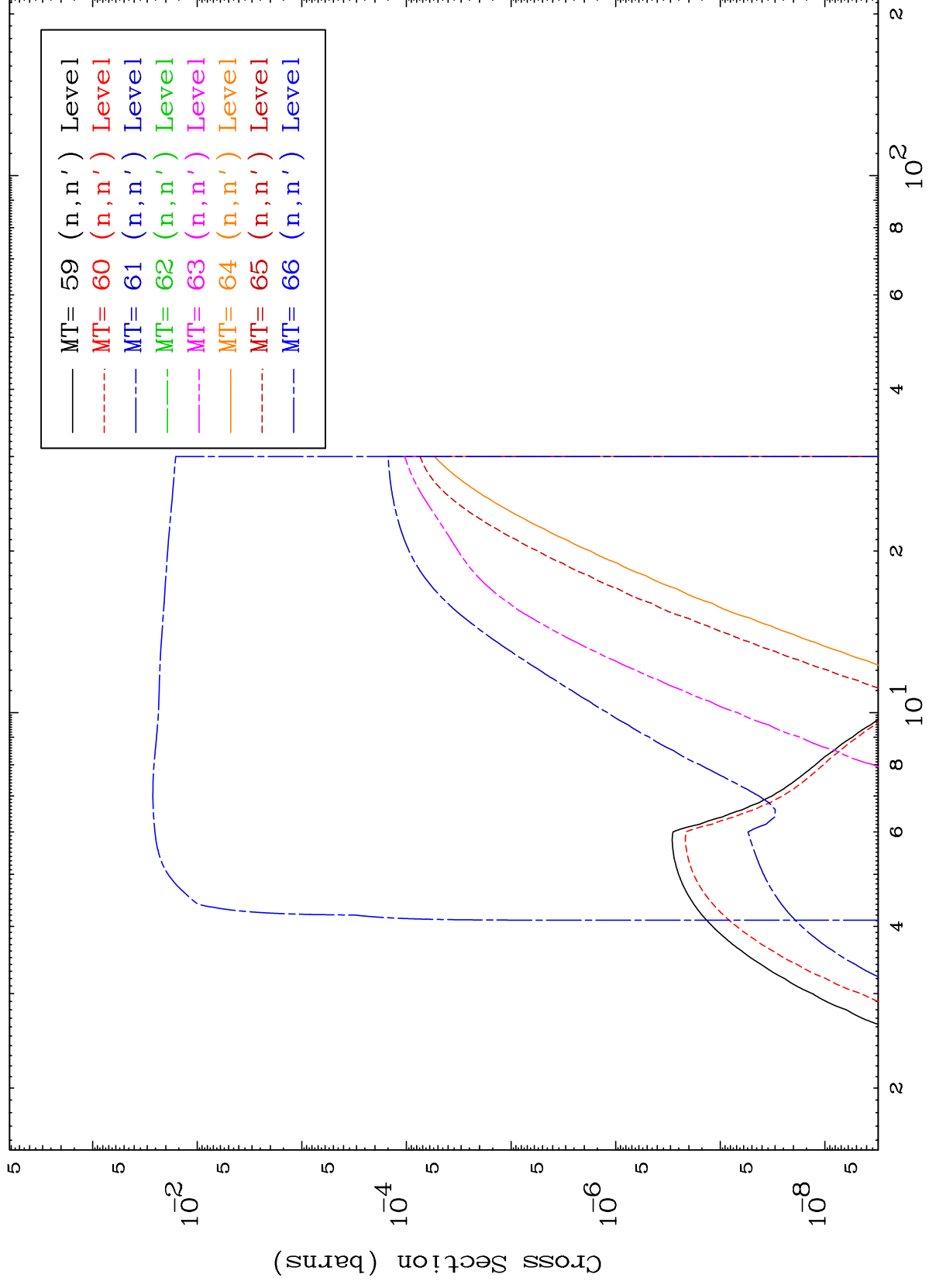


MAT 6686

(n,n') Level

293 Kelvin Cross Sections

67-Ho-152



8

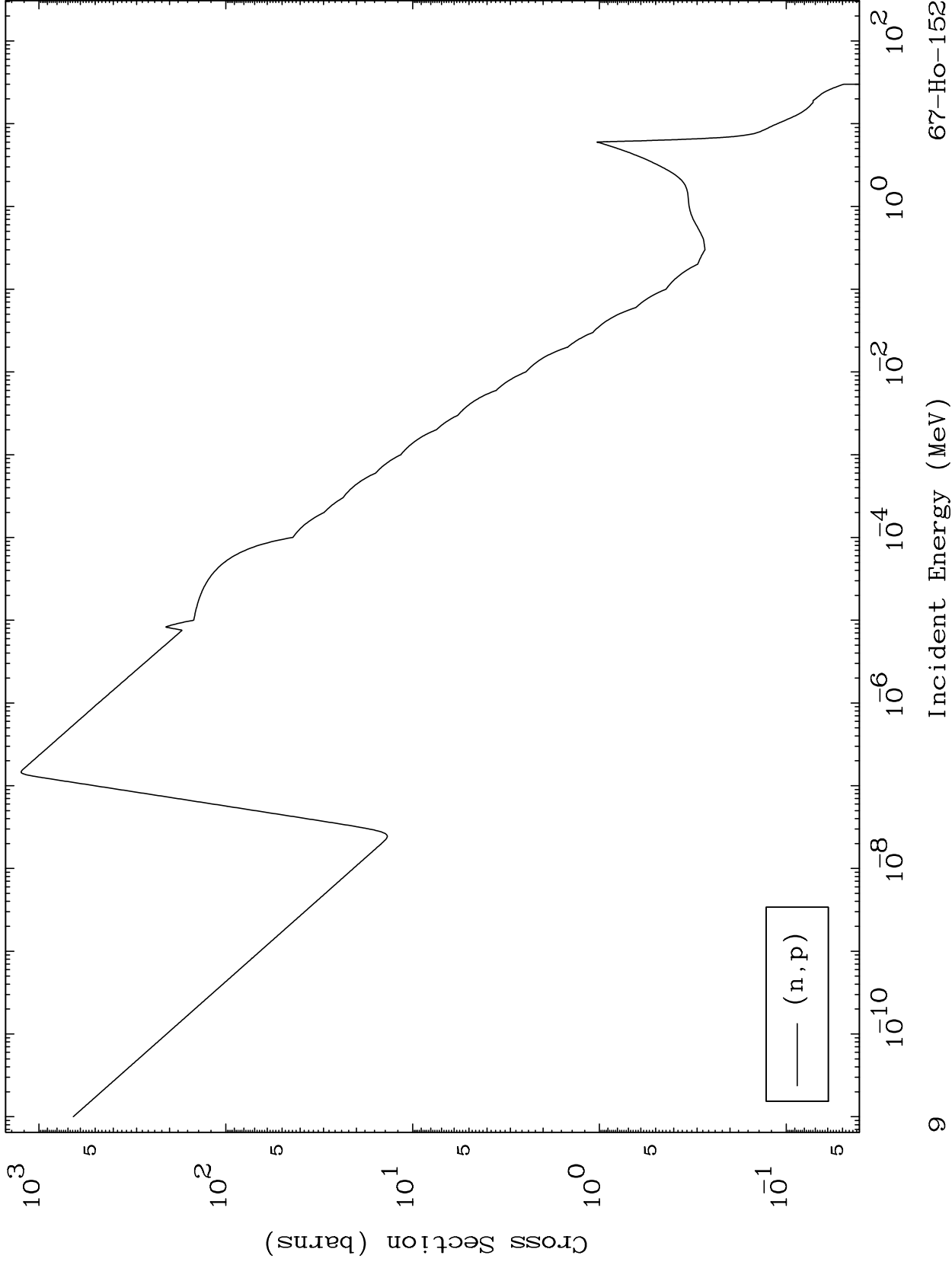
Incident Energy (MeV)

67-Ho-152

MAT 6686

(n,p) Levels
293 Kelvin Cross Sections

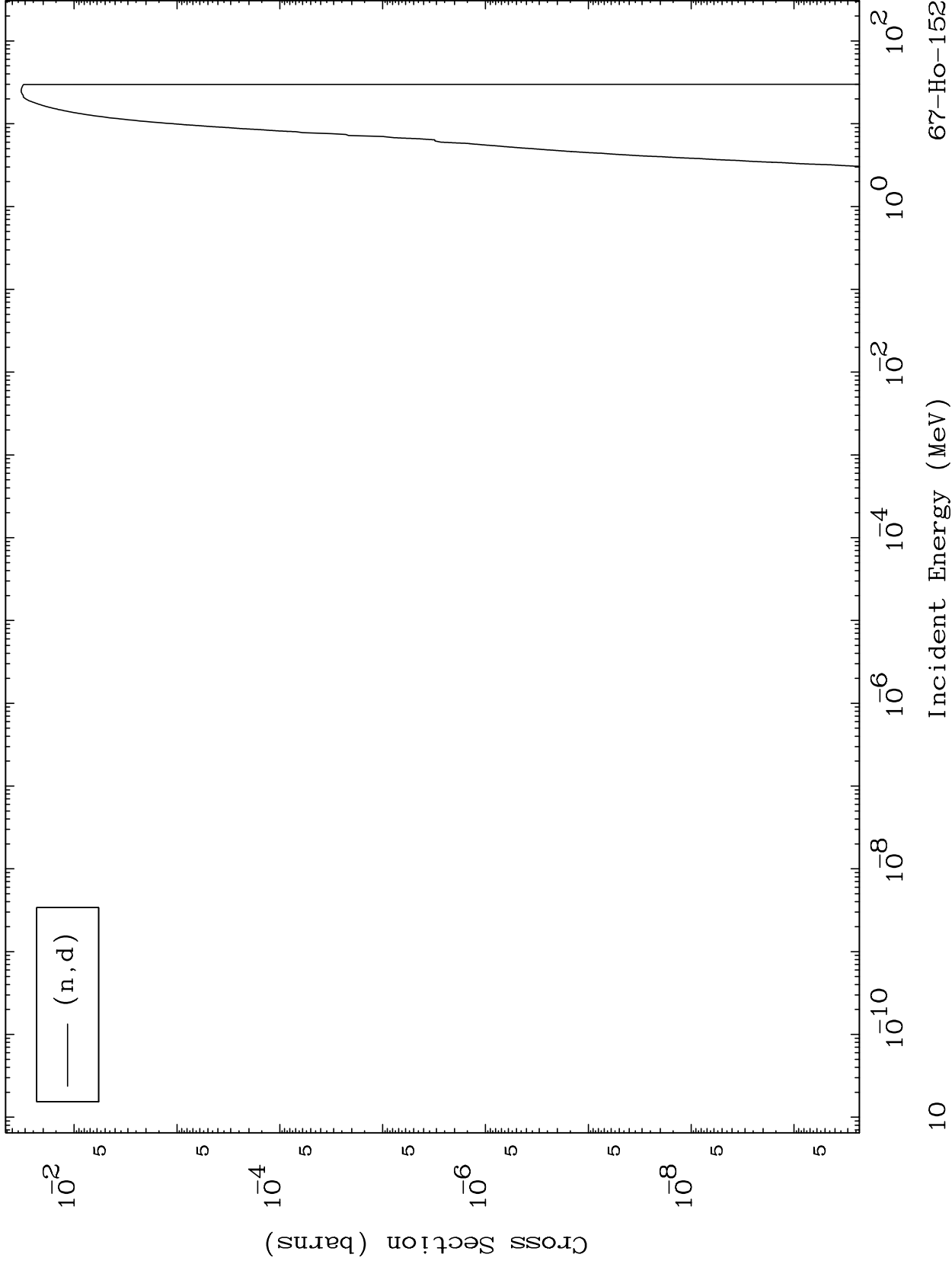
67-Ho-152



MAT 6686

(n,d) Levels
293 Kelvin Cross Sections

67-Ho-152



10

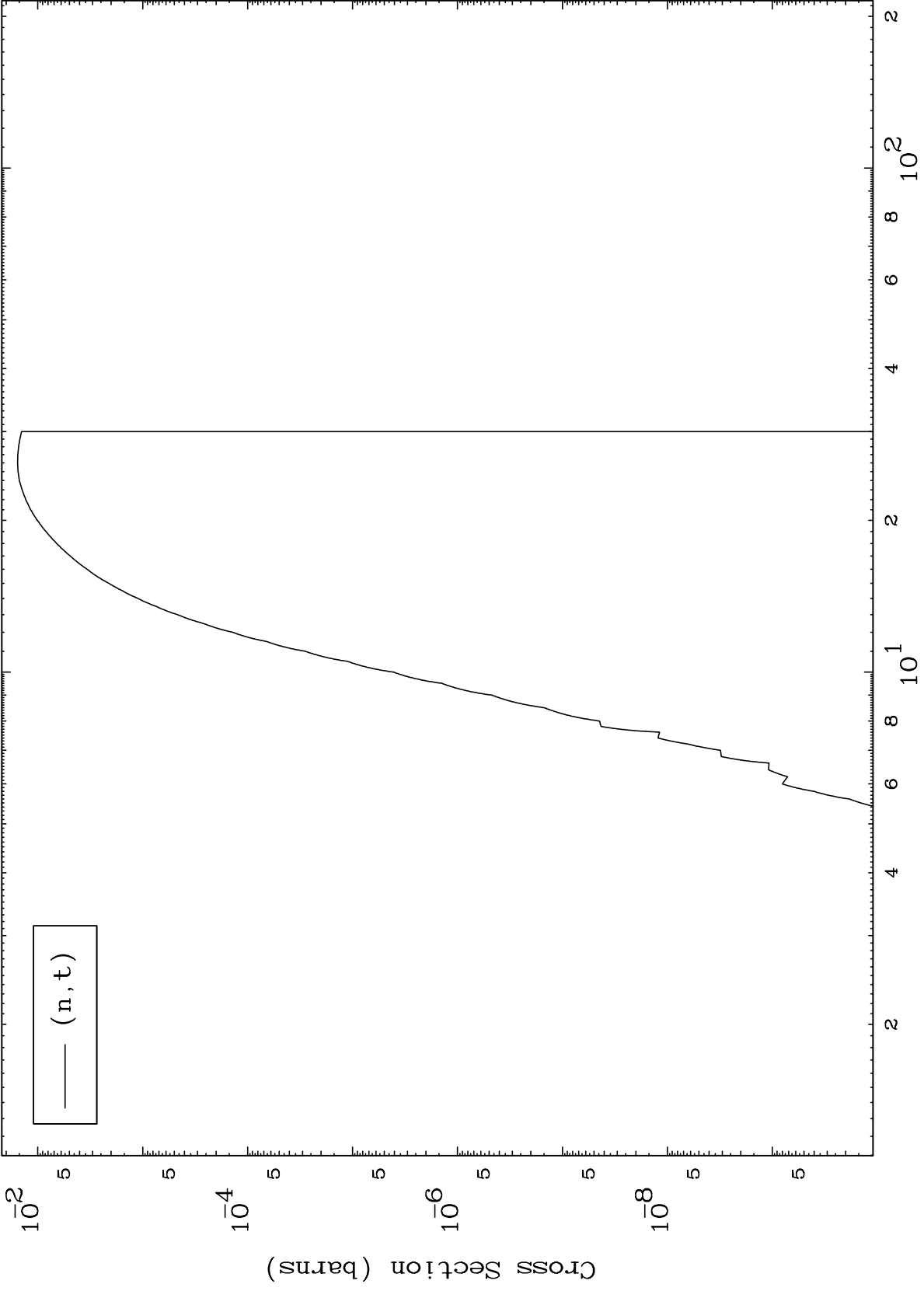
Incident Energy (MeV)

67-Ho-152

MAT 6686

(n,t) Levels
293 Kelvin Cross Sections

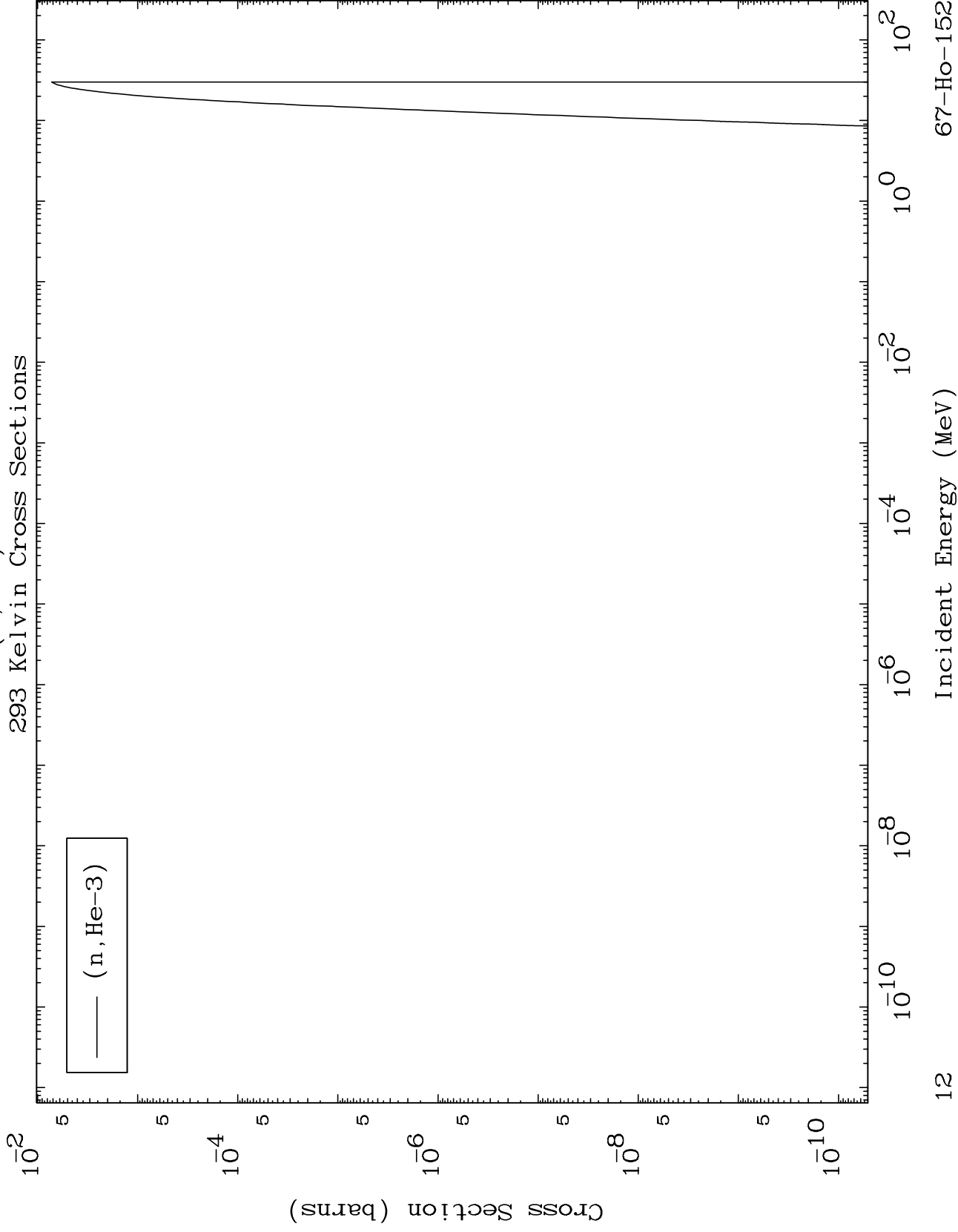
67-Ho-152



MAT 6686

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-152

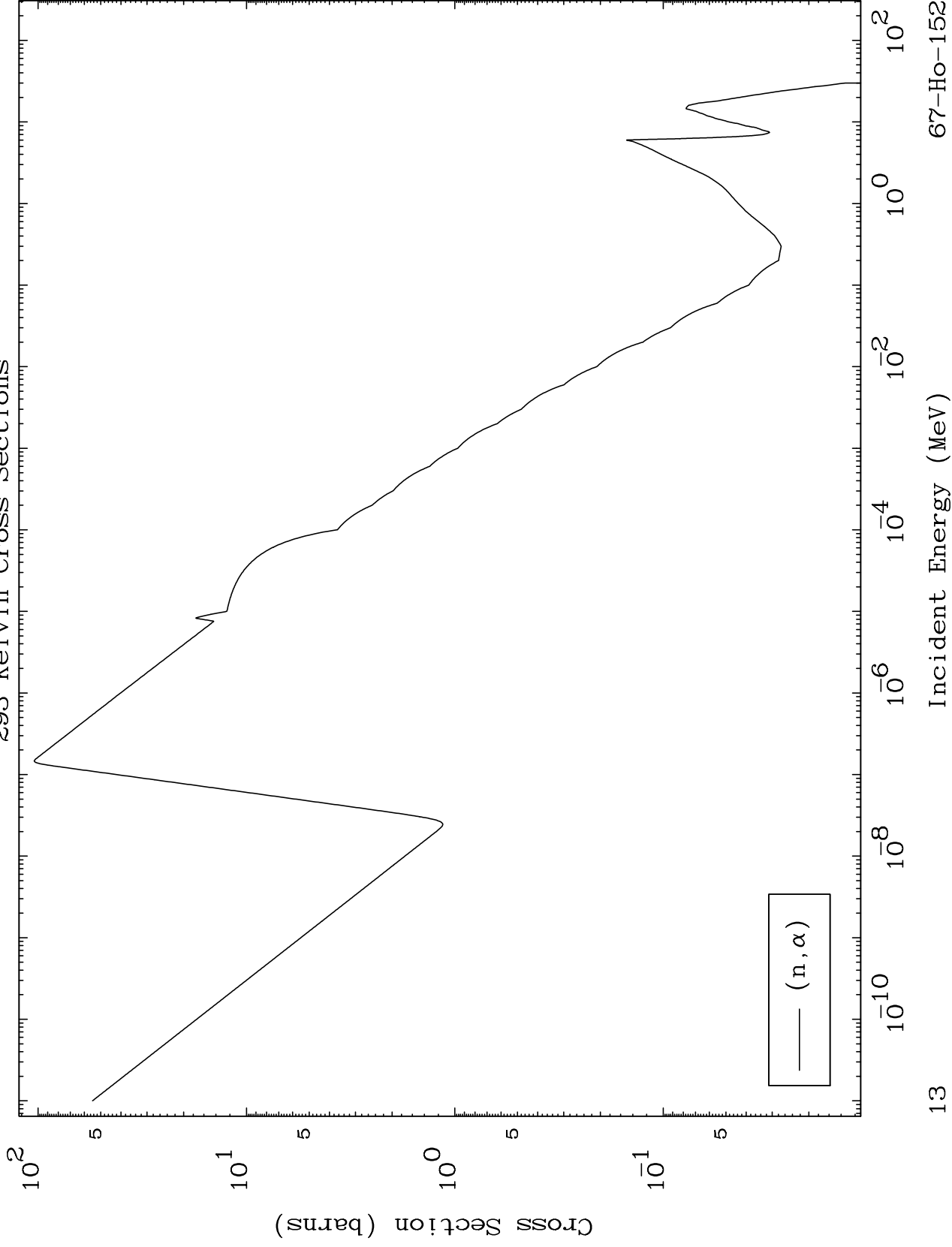


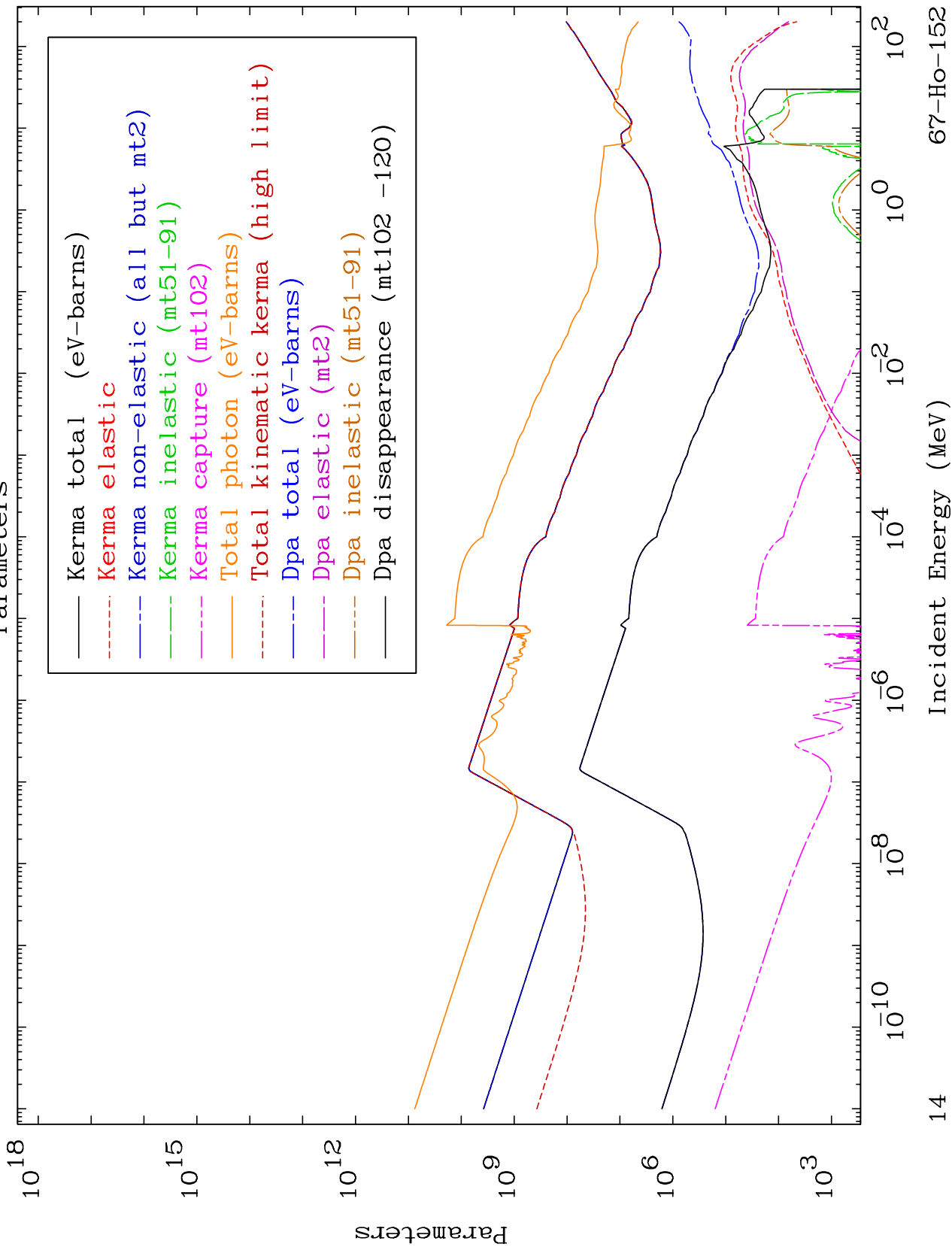
12

MAT 6686

(n,α) Levels
293 Kelvin Cross Sections

67-Ho-152

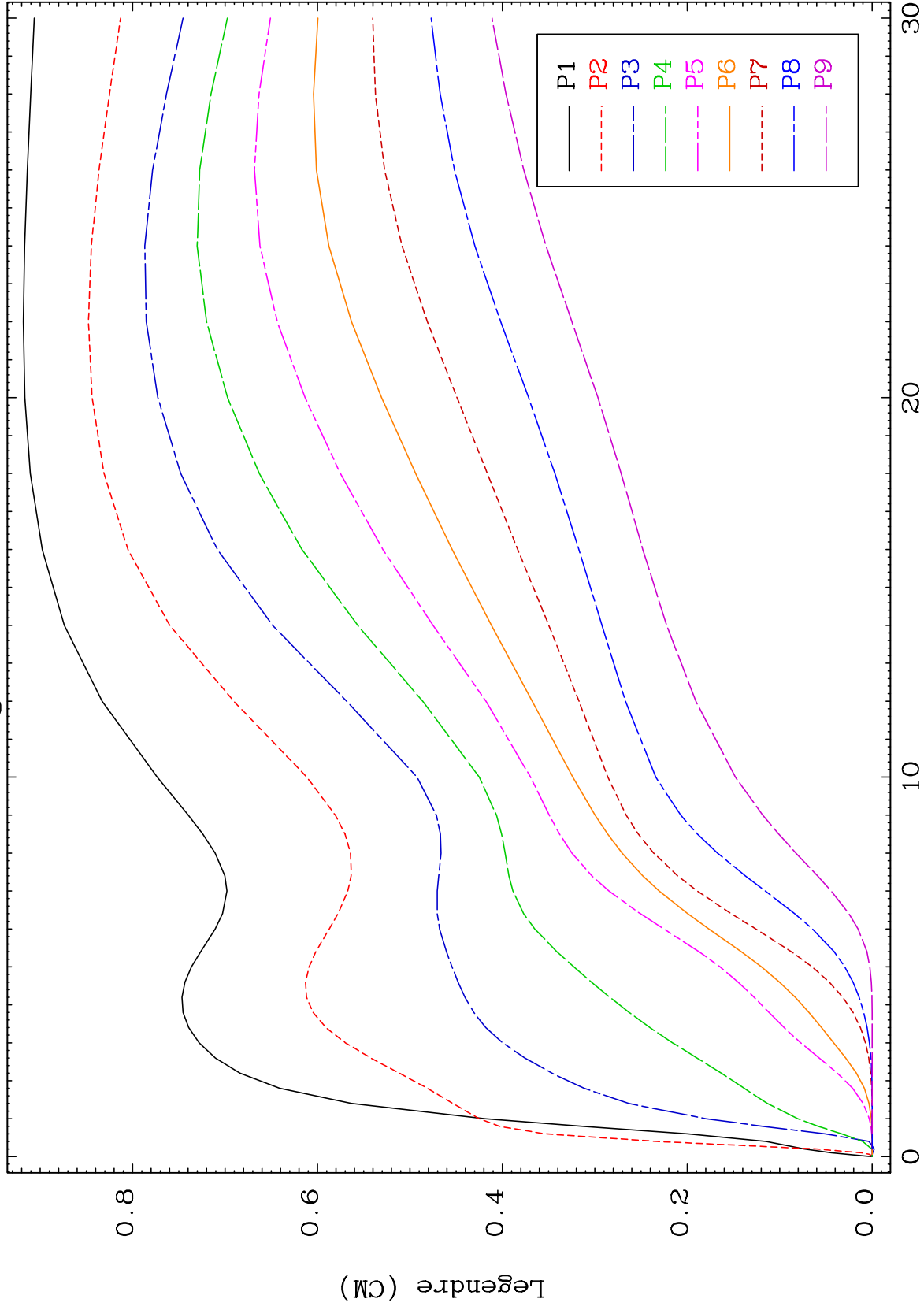




MAT 6686

Elastic Legendre Coefficients

67-Ho-152



15

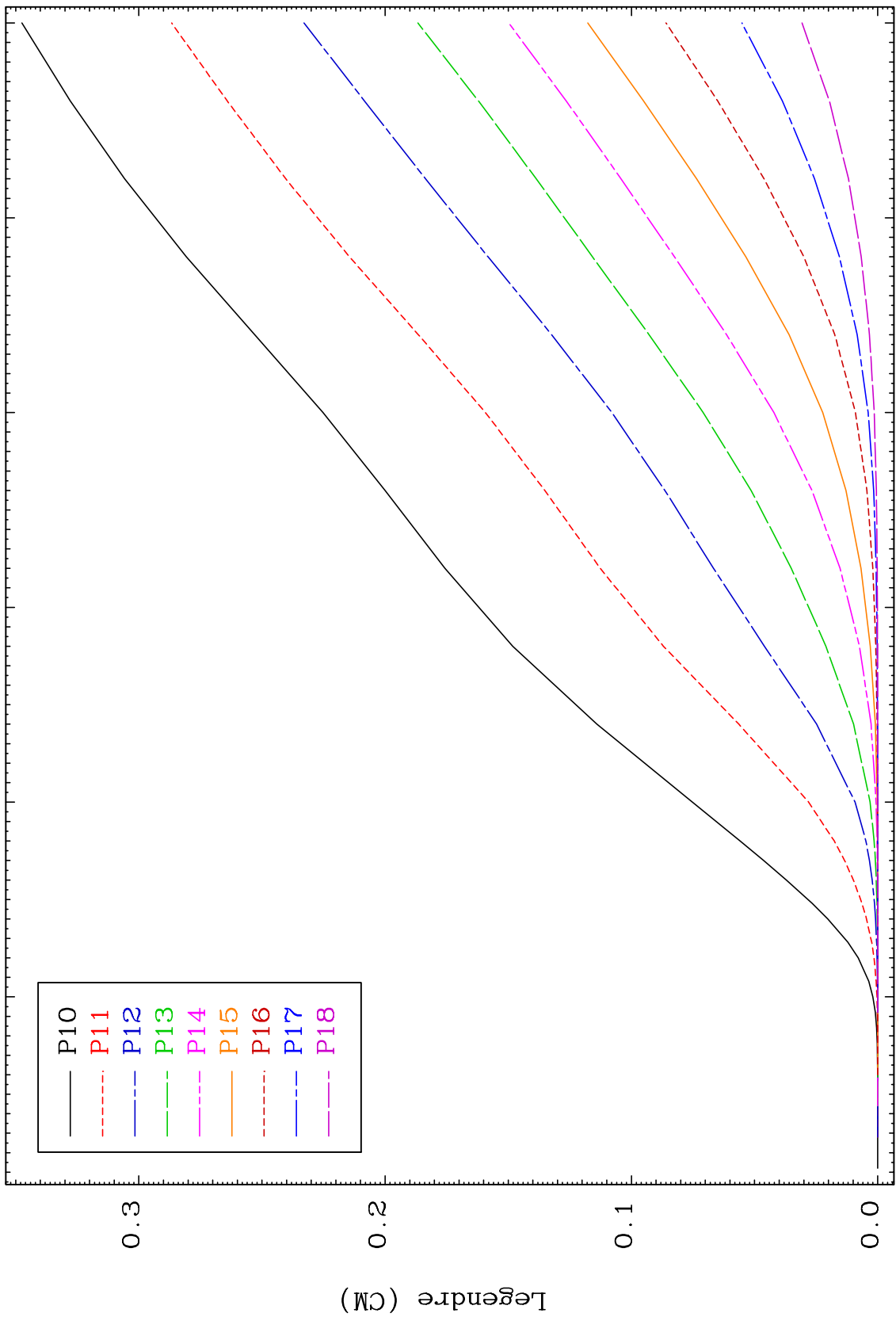
Incident Energy (MeV)

67-Ho-152

MAT 6686

Elastic Legendre Coefficients

67-Ho-152



16

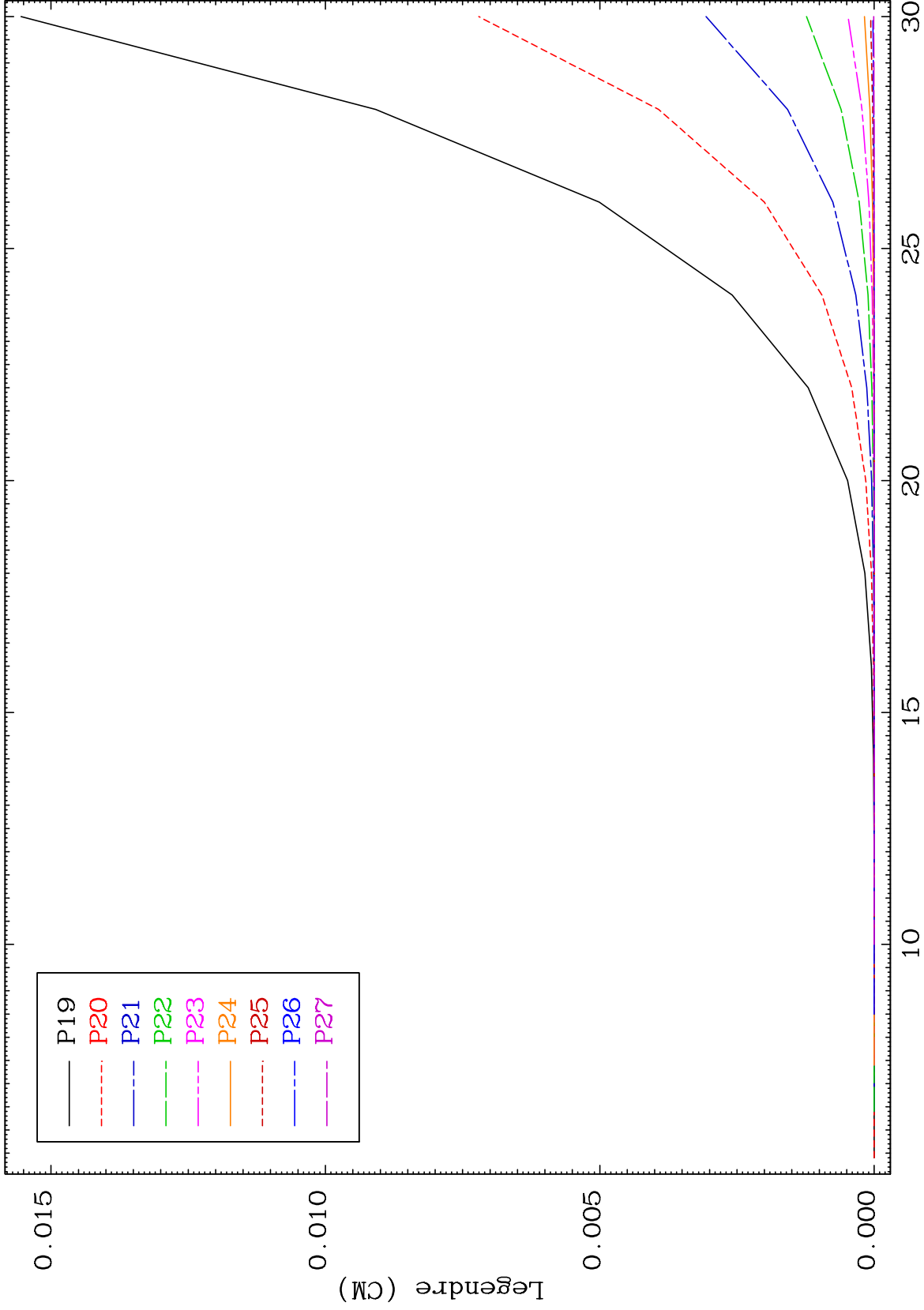
Incident Energy (MeV)

67-Ho-152

MAT 6686

Elastic Legendre Coefficients

67-Ho-152



17

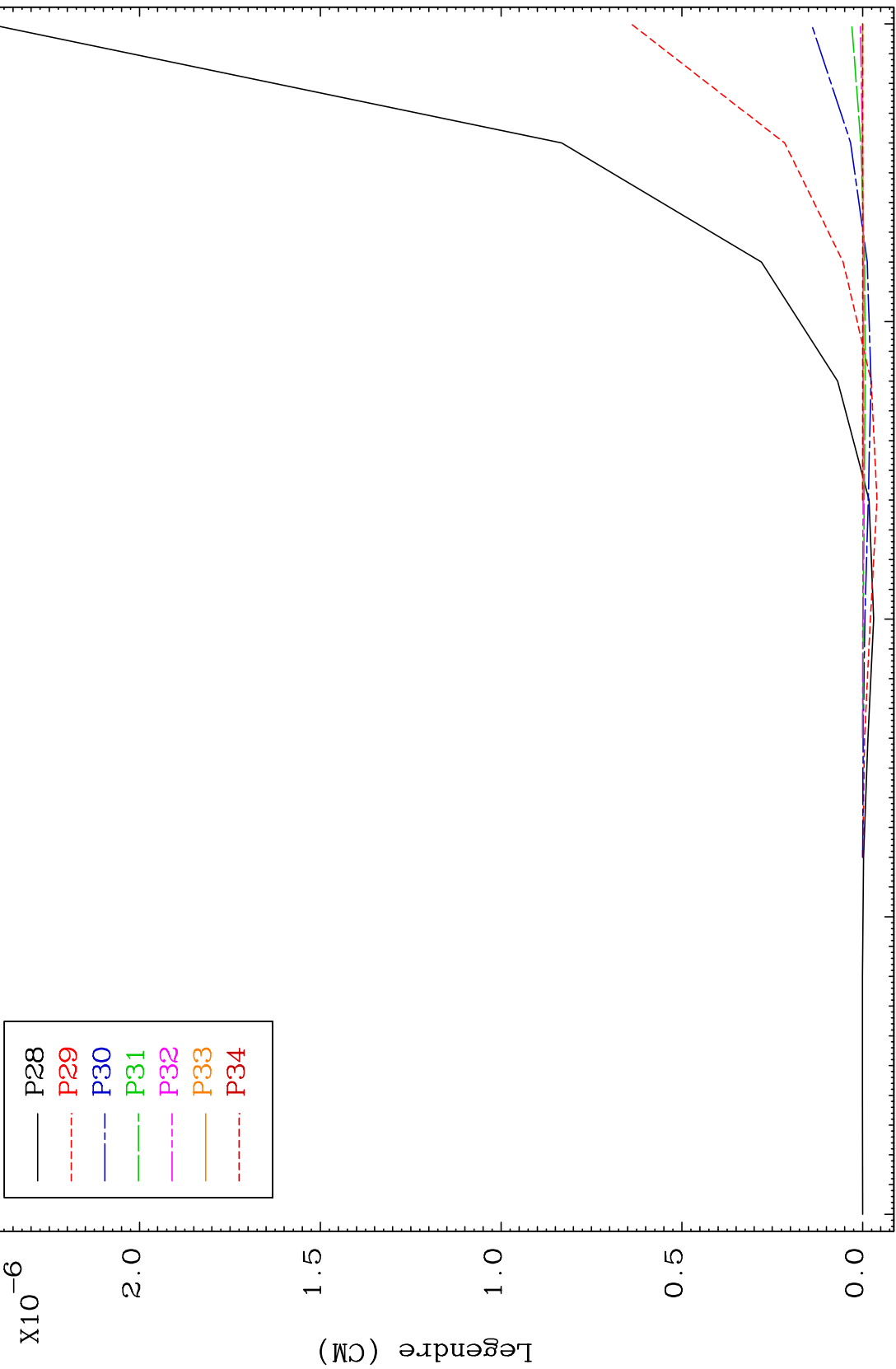
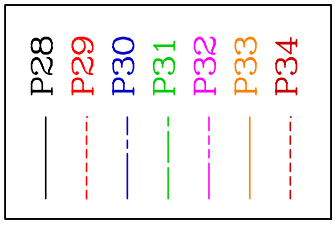
Incident Energy (MeV)

67-Ho-152

MAT 6686

Elastic Legendre Coefficients

67-Ho-152



18

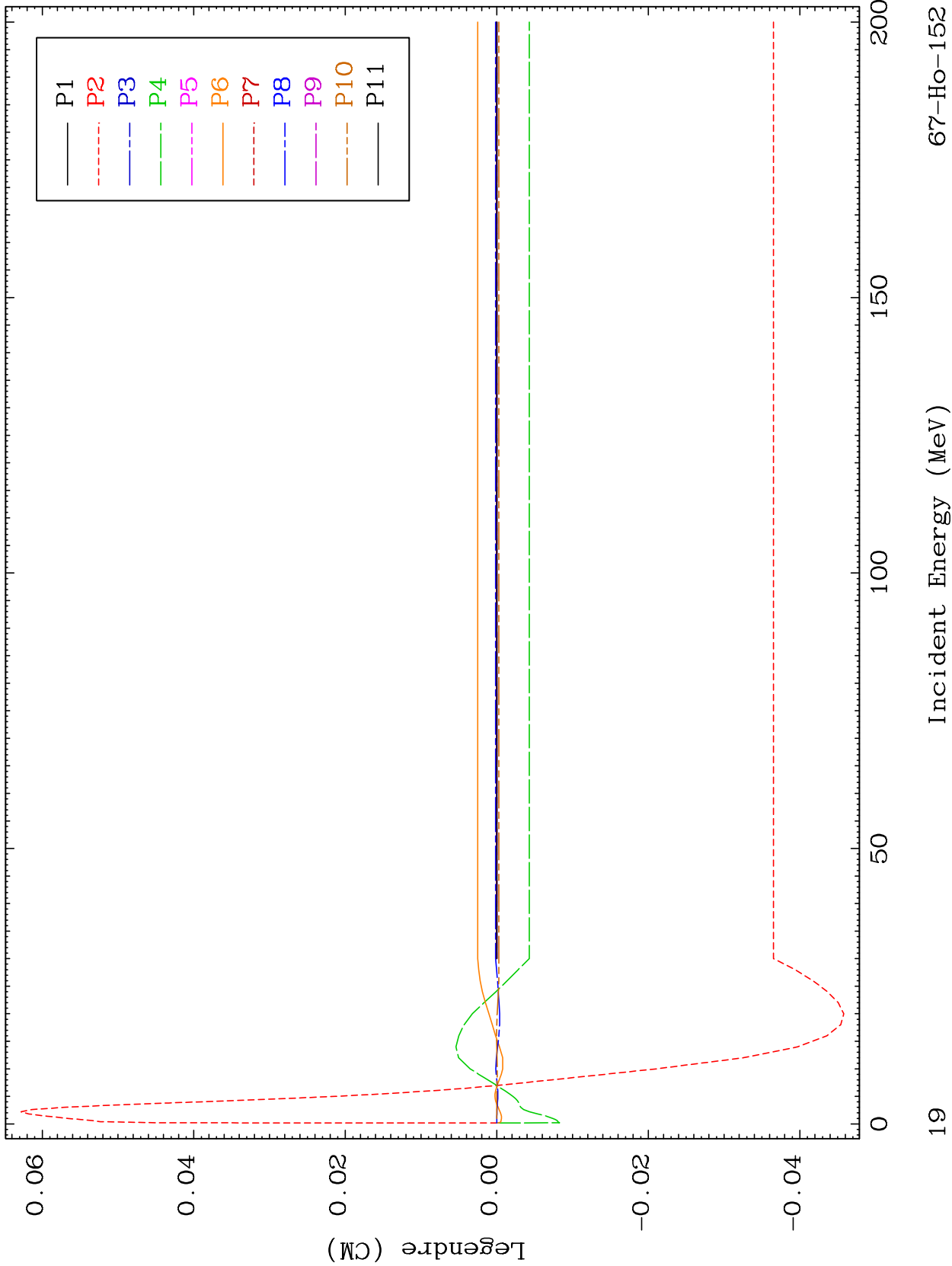
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



19

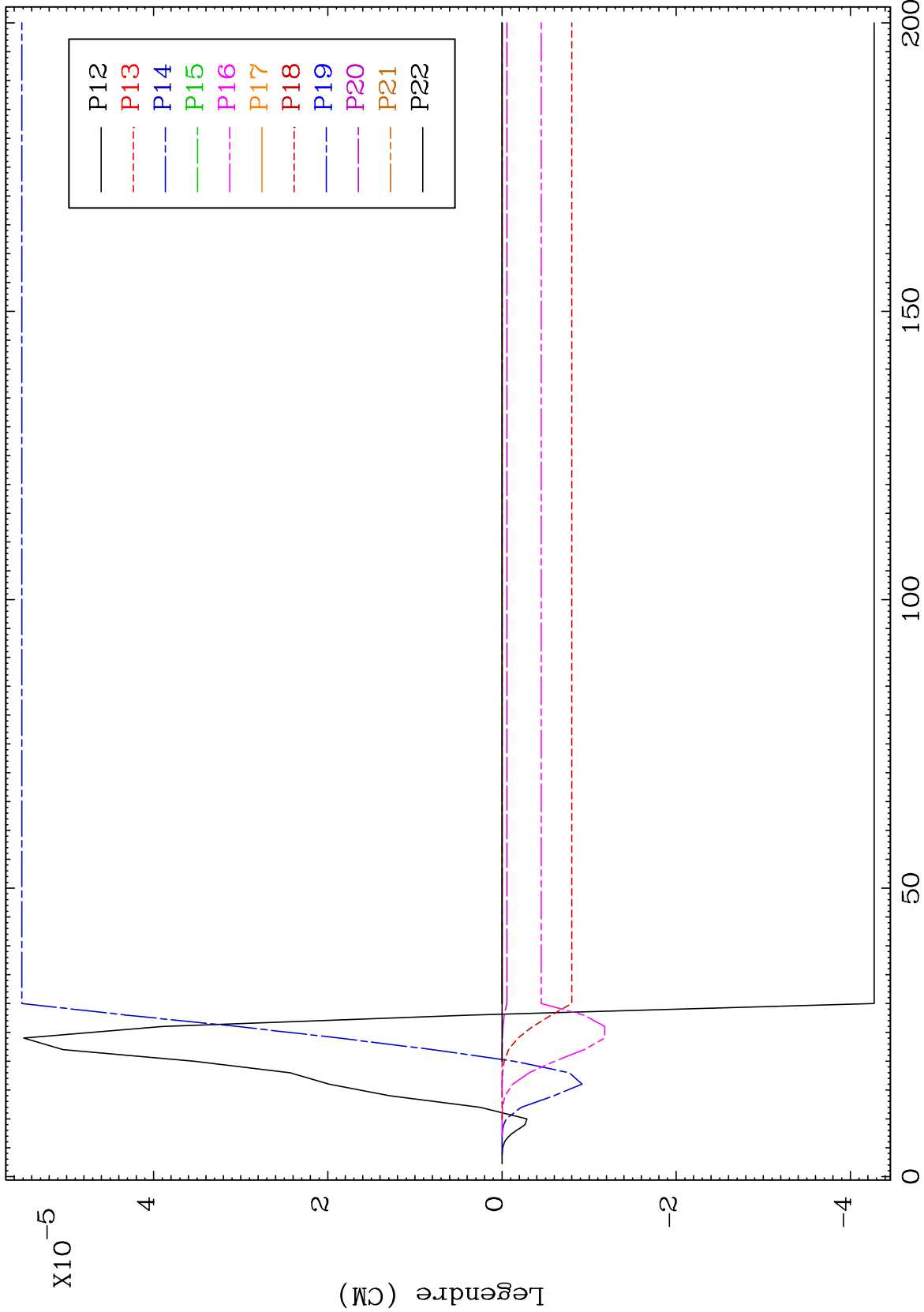
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



20

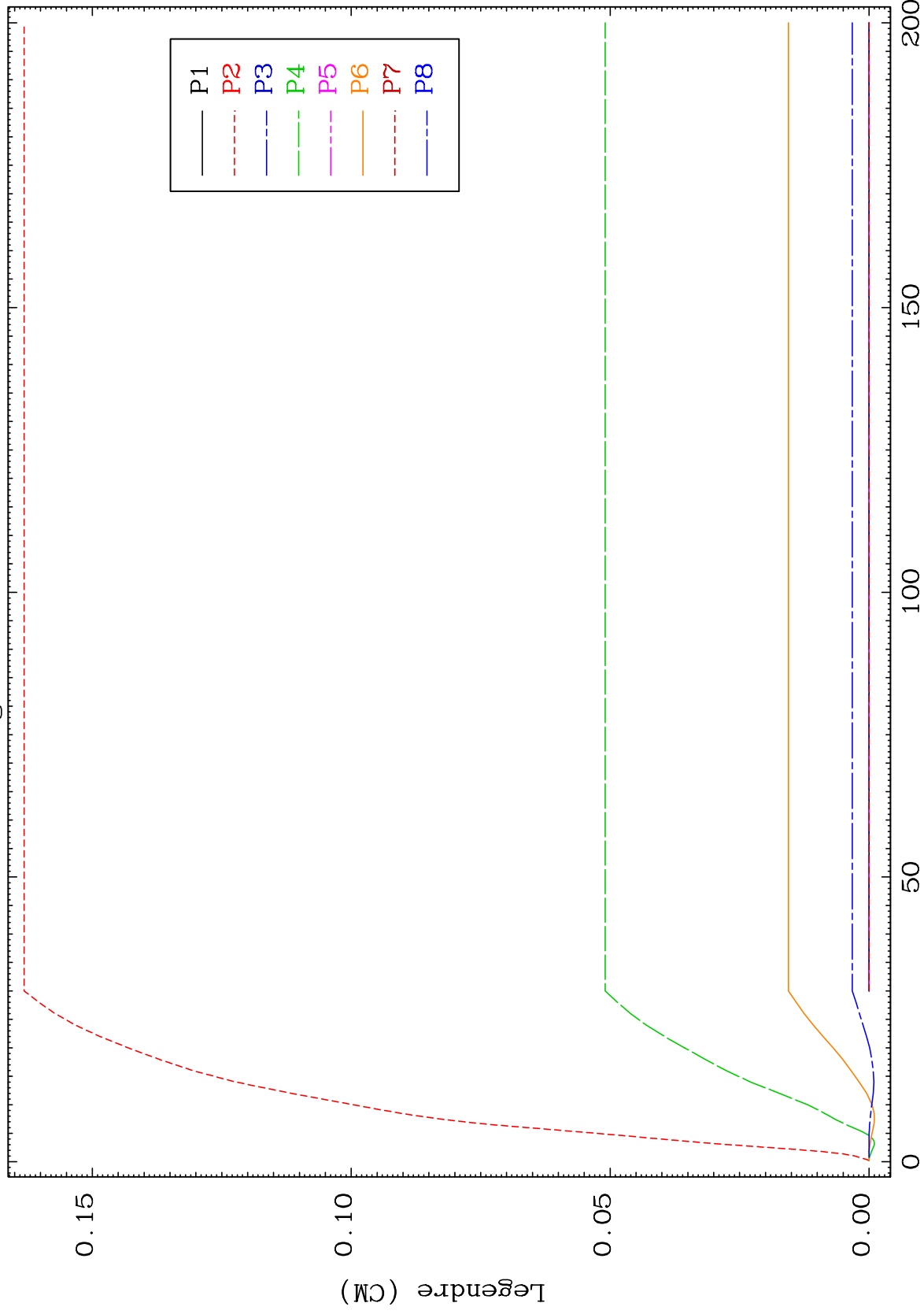
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

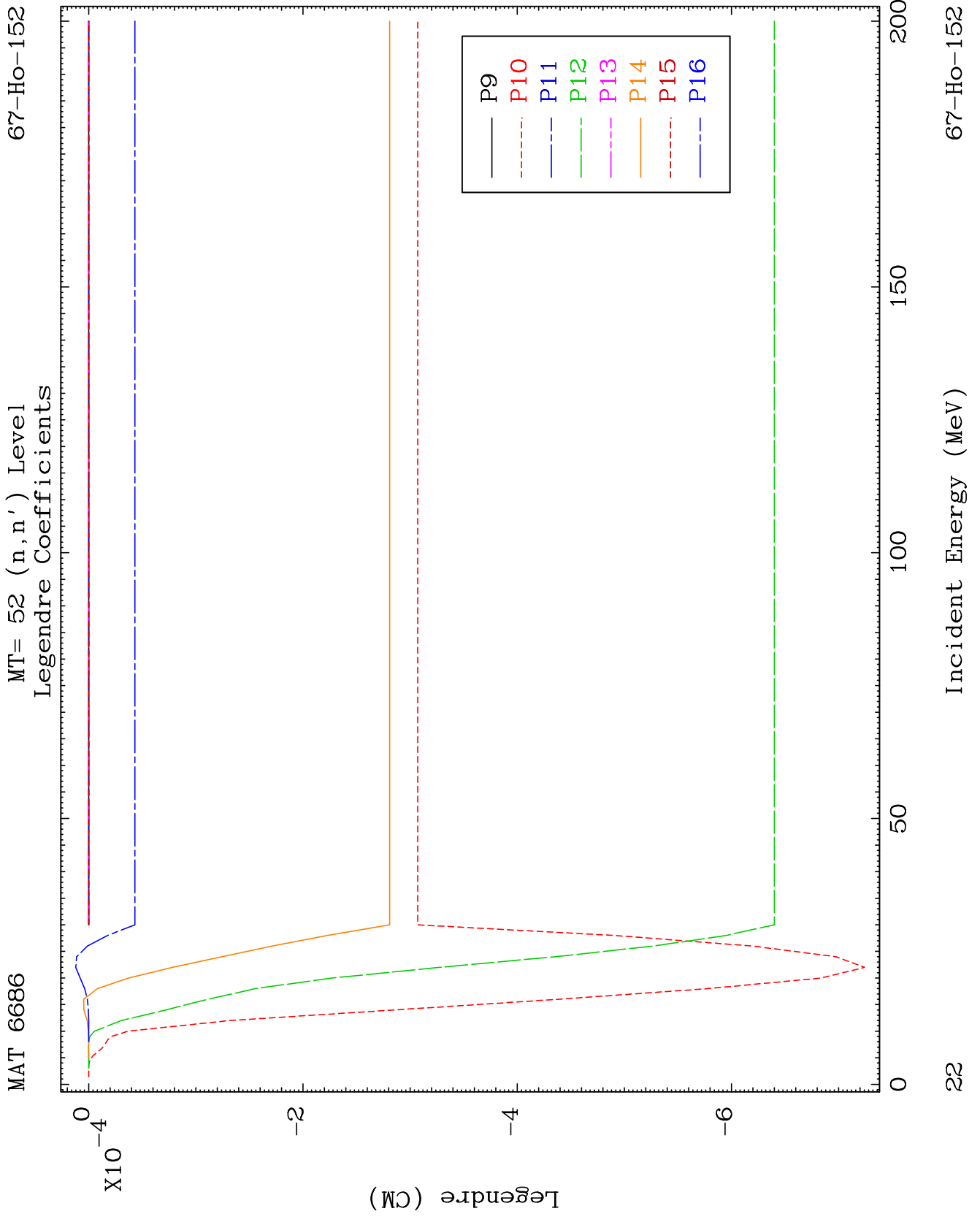
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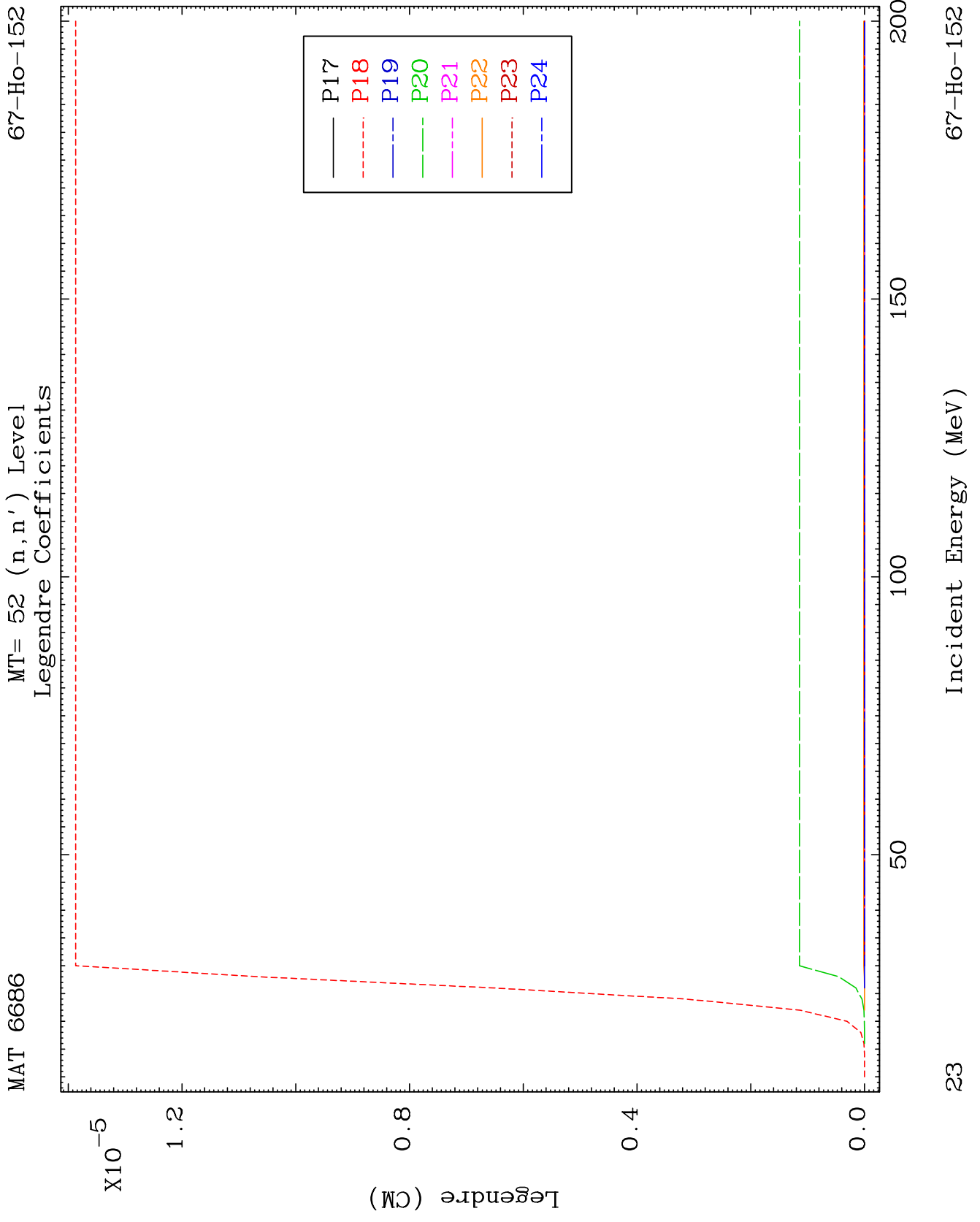


21

Incident Energy (MeV)

67-Ho-152

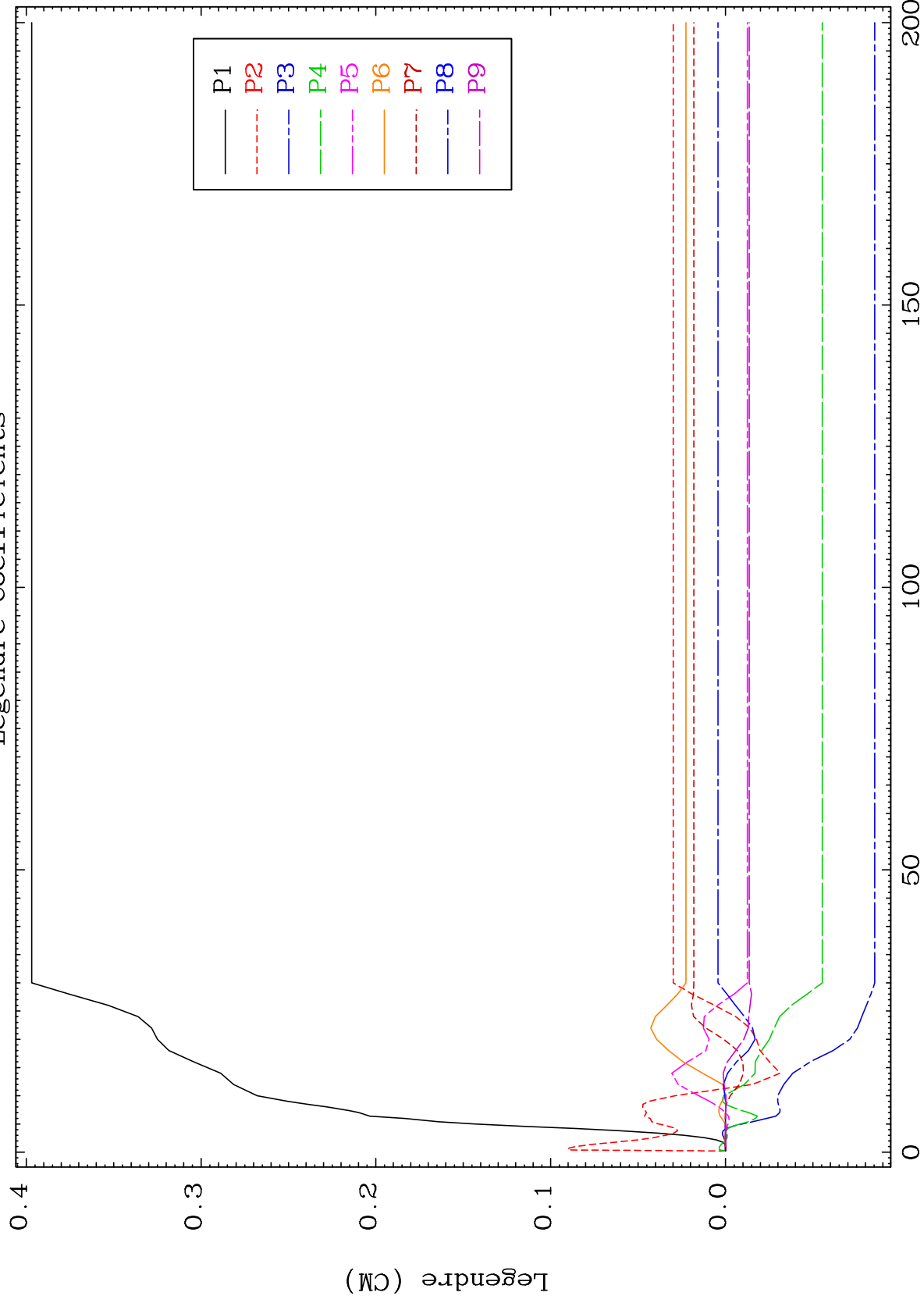




MAT 6686

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

67-Ho-152



24

Incident Energy (MeV)

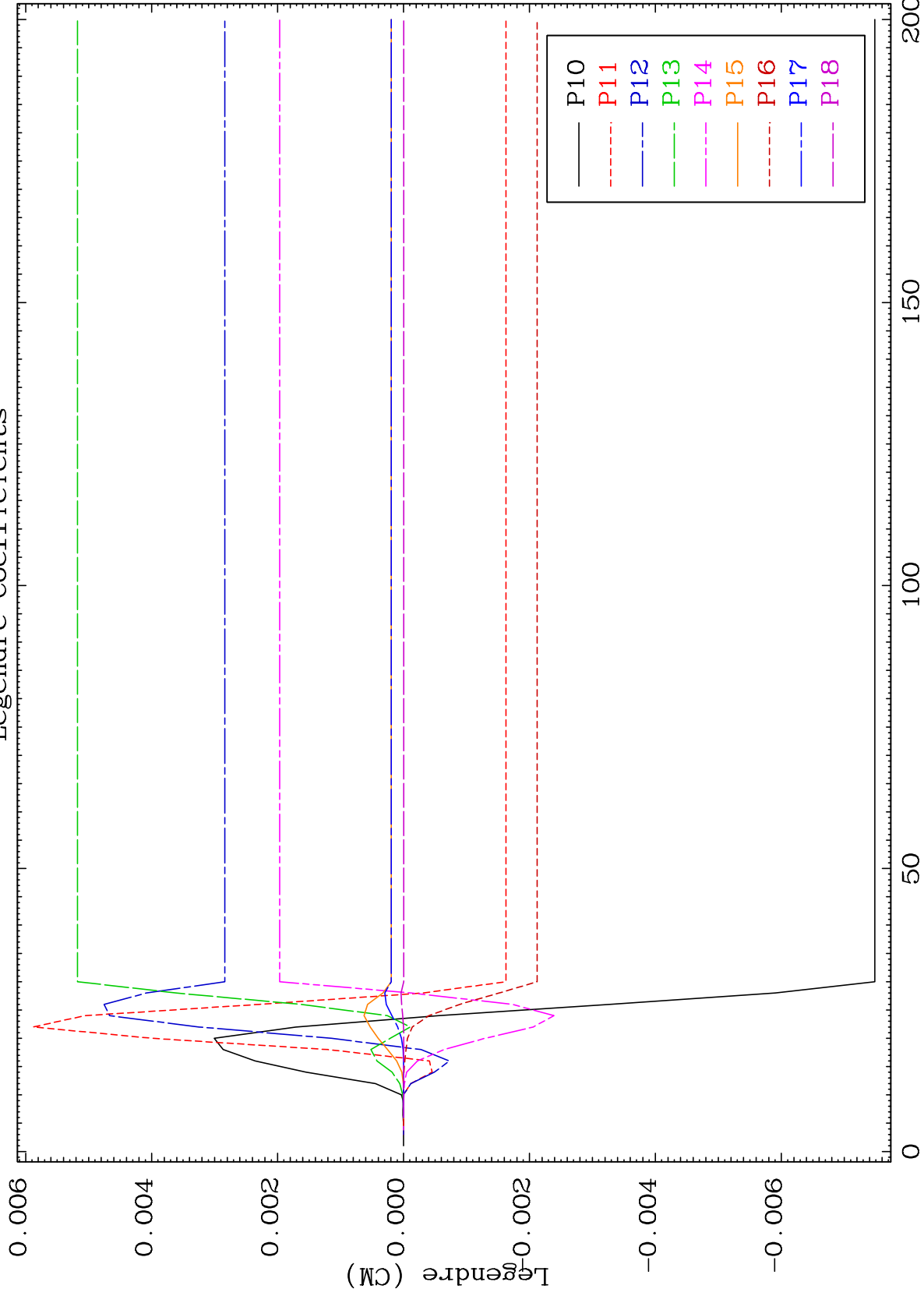
67-Ho-152

MAT 6686

MT= 53 (n,n') Level

67-Ho-152

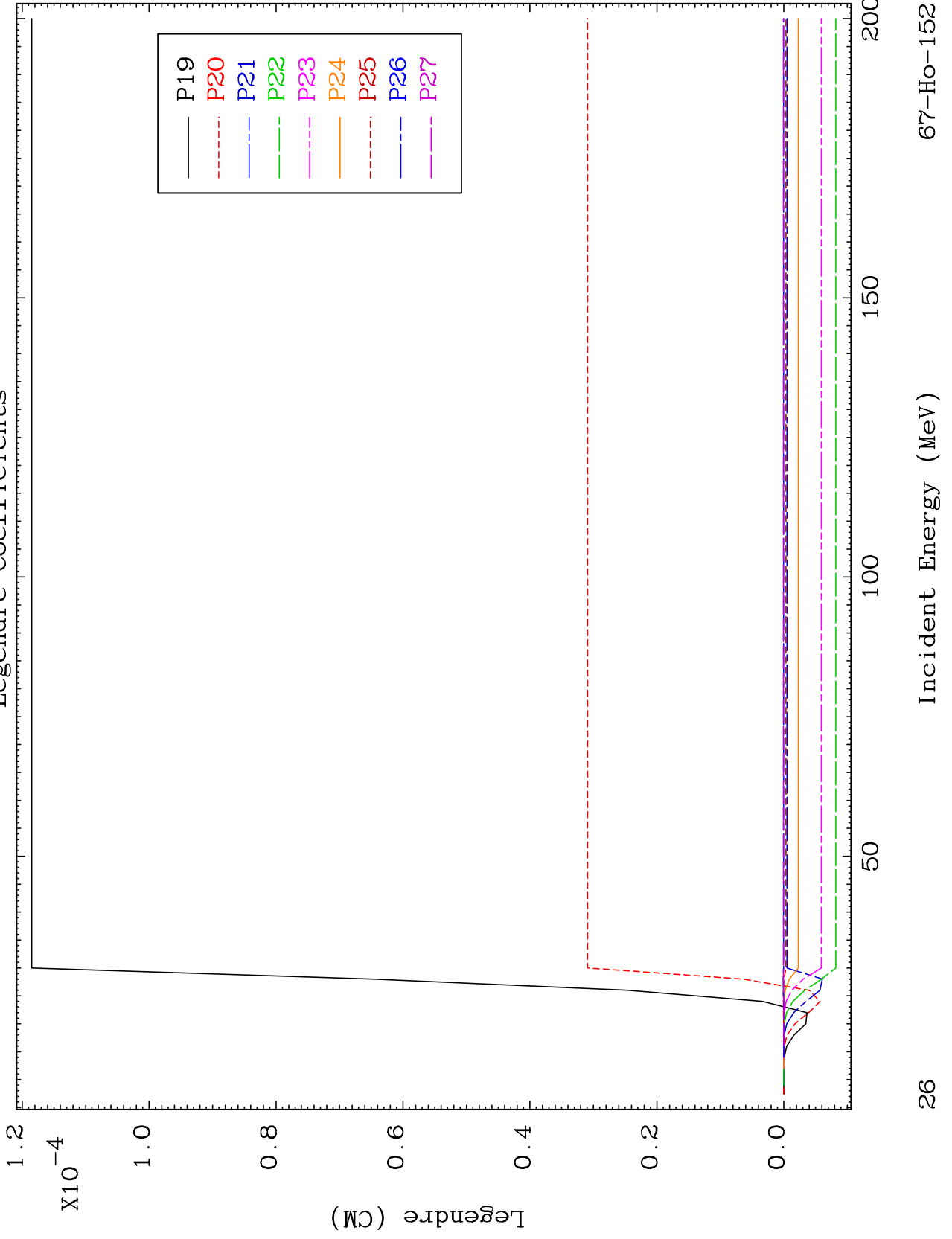
Legendre Coefficients



25

Incident Energy (MeV)

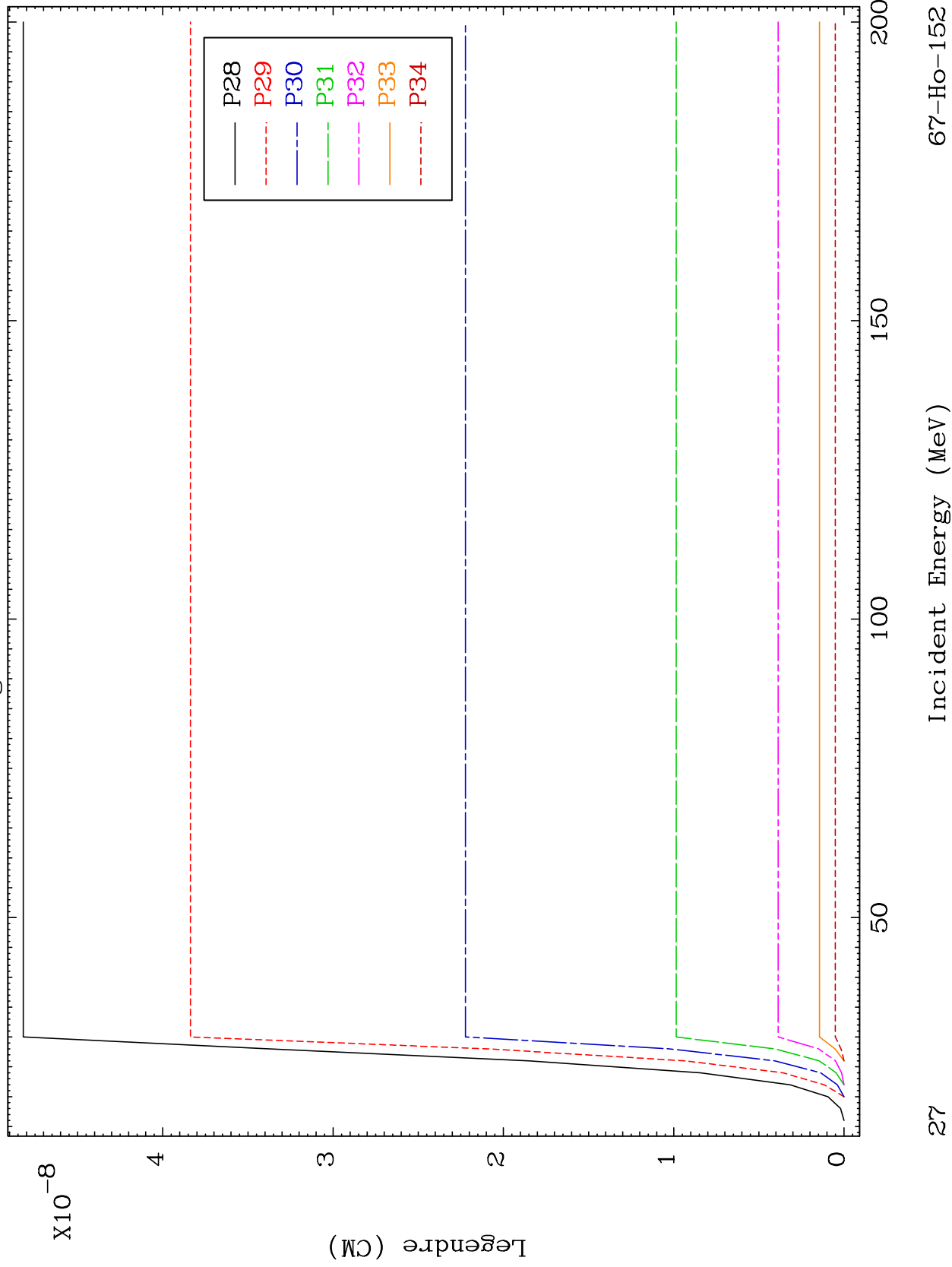
67-Ho-152



MAT 6686

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

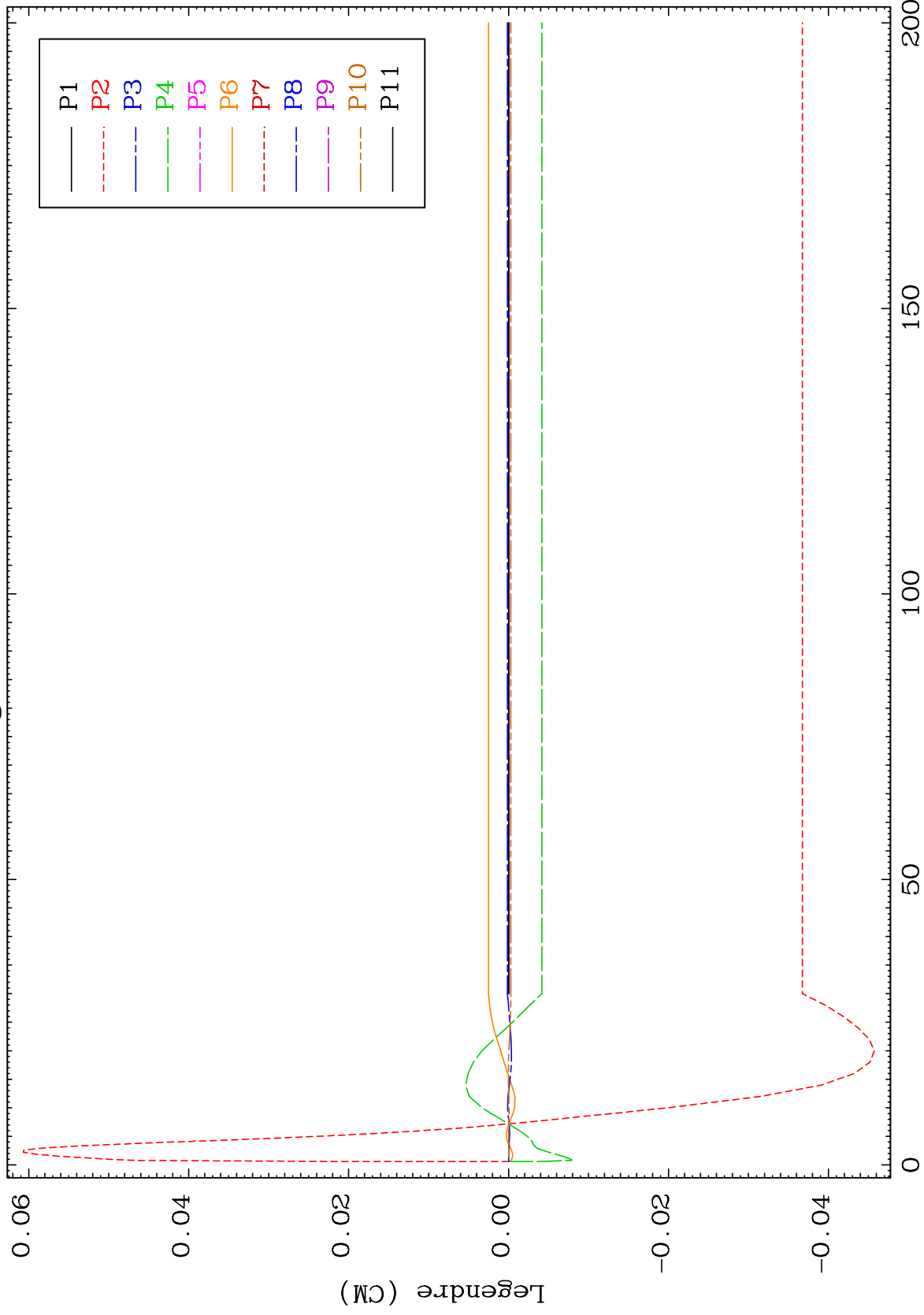
67-Ho-152



MAT 6686

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

67-Ho-152



28

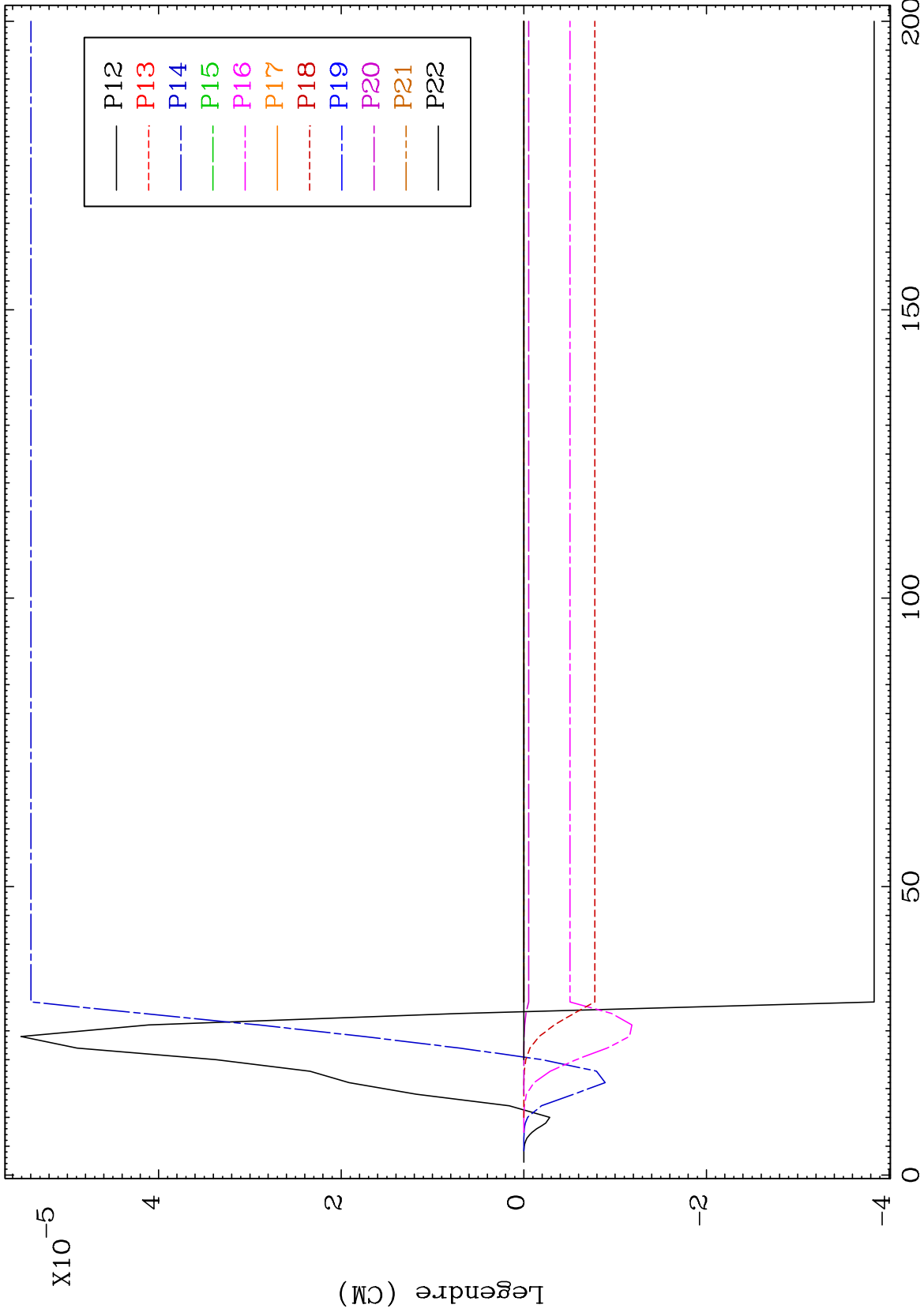
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



29

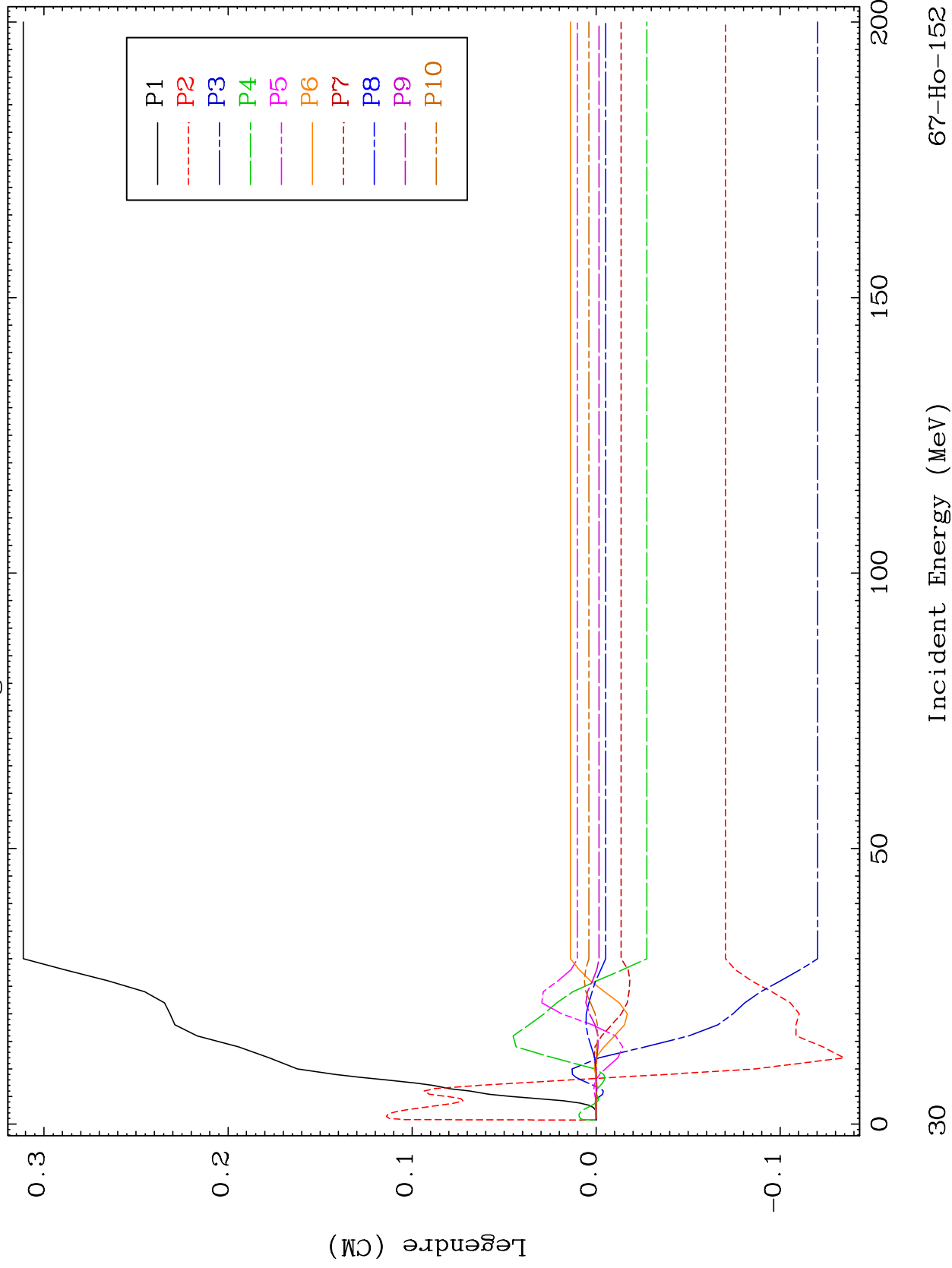
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



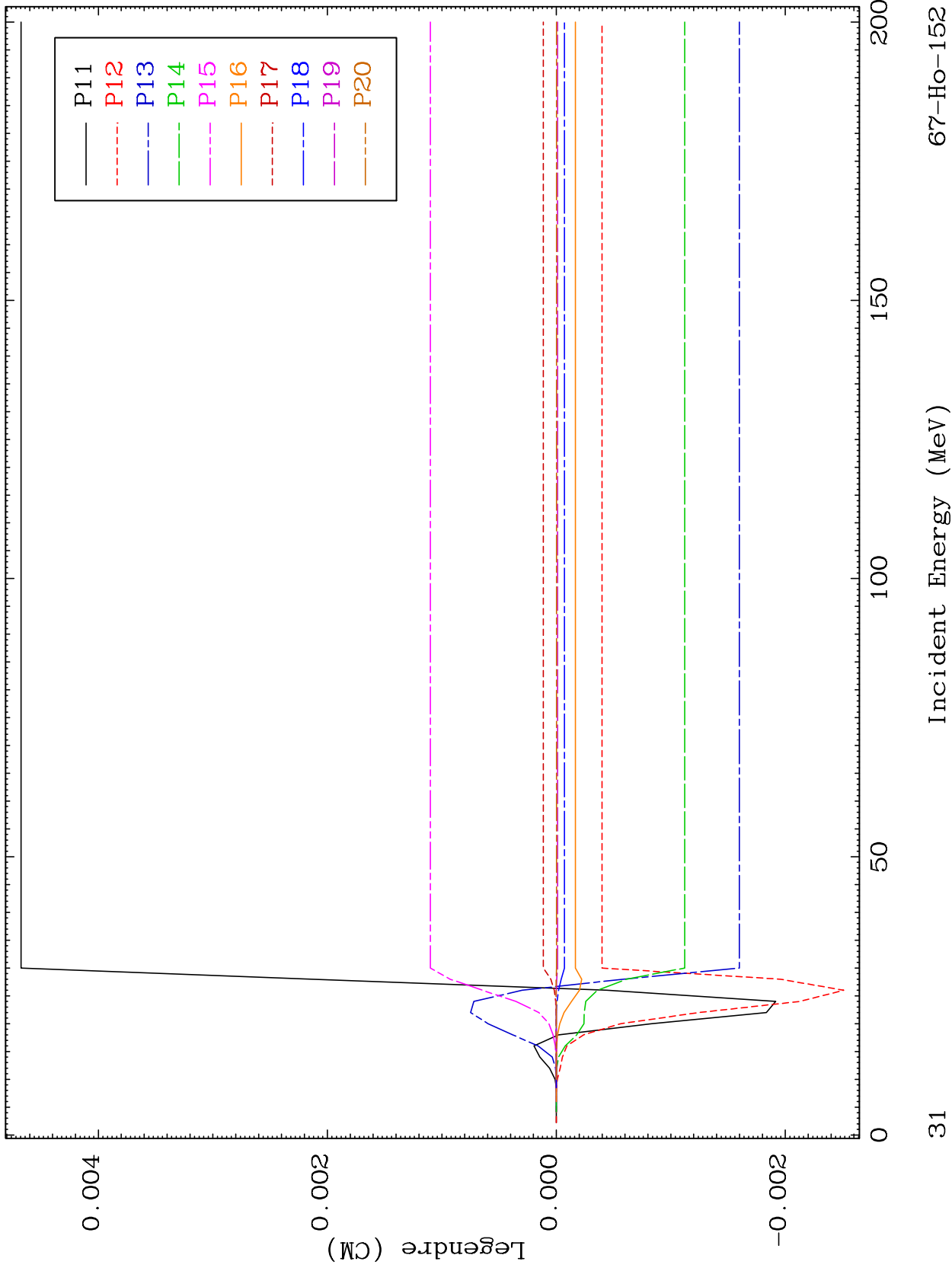
67-Ho-152

Incident Energy (MeV)

MAT 6686

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

67-Ho-152



31

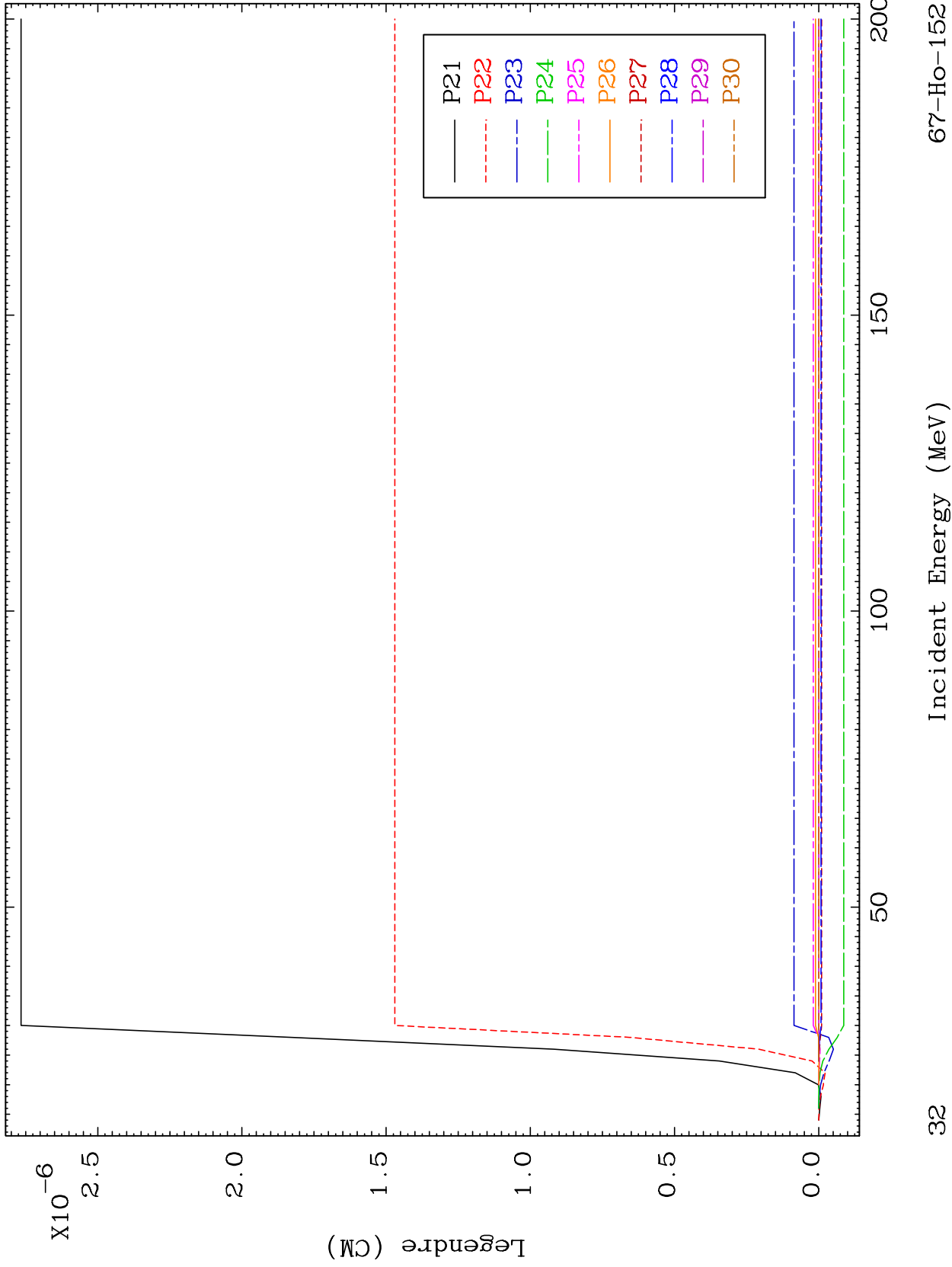
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



32

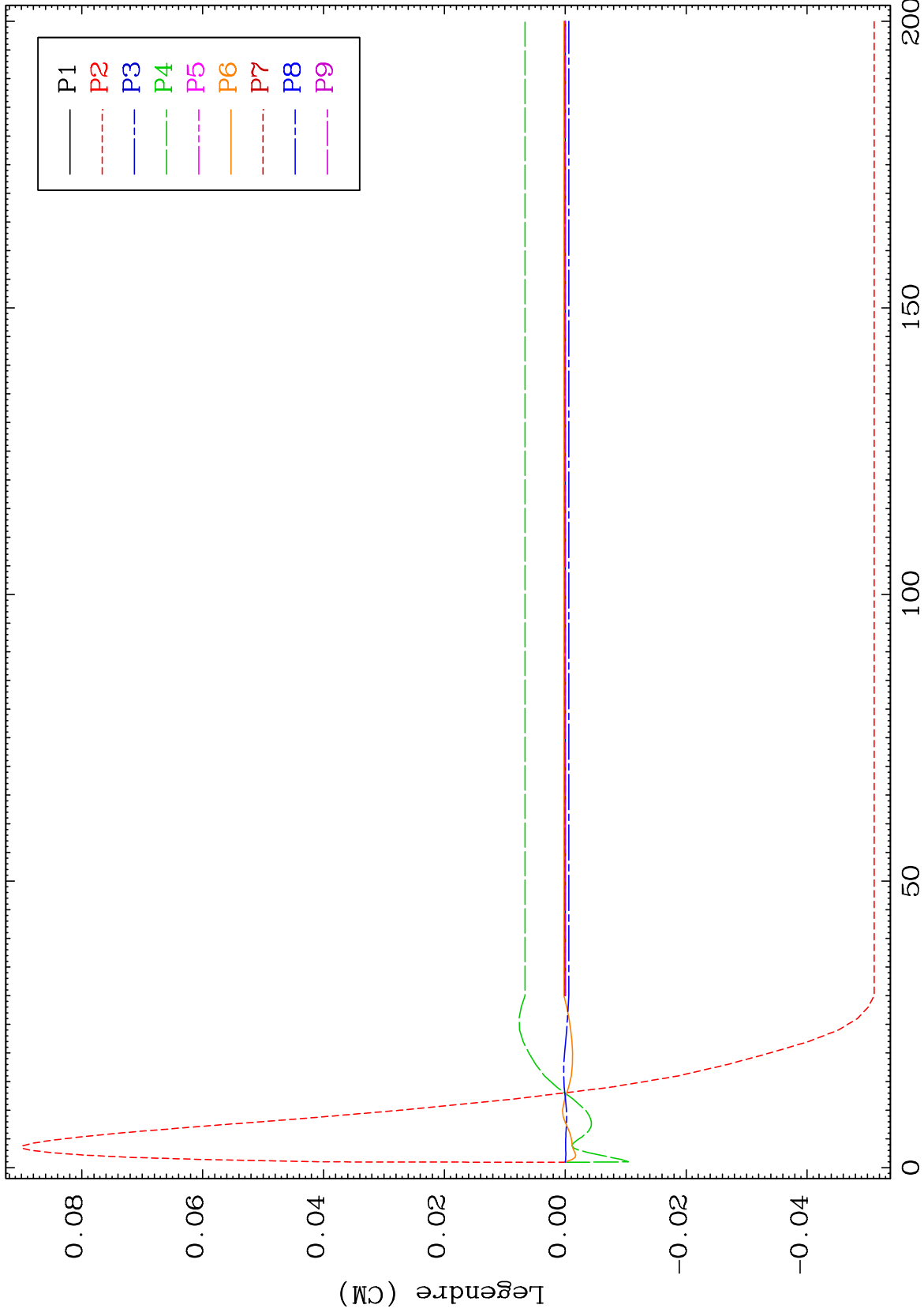
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

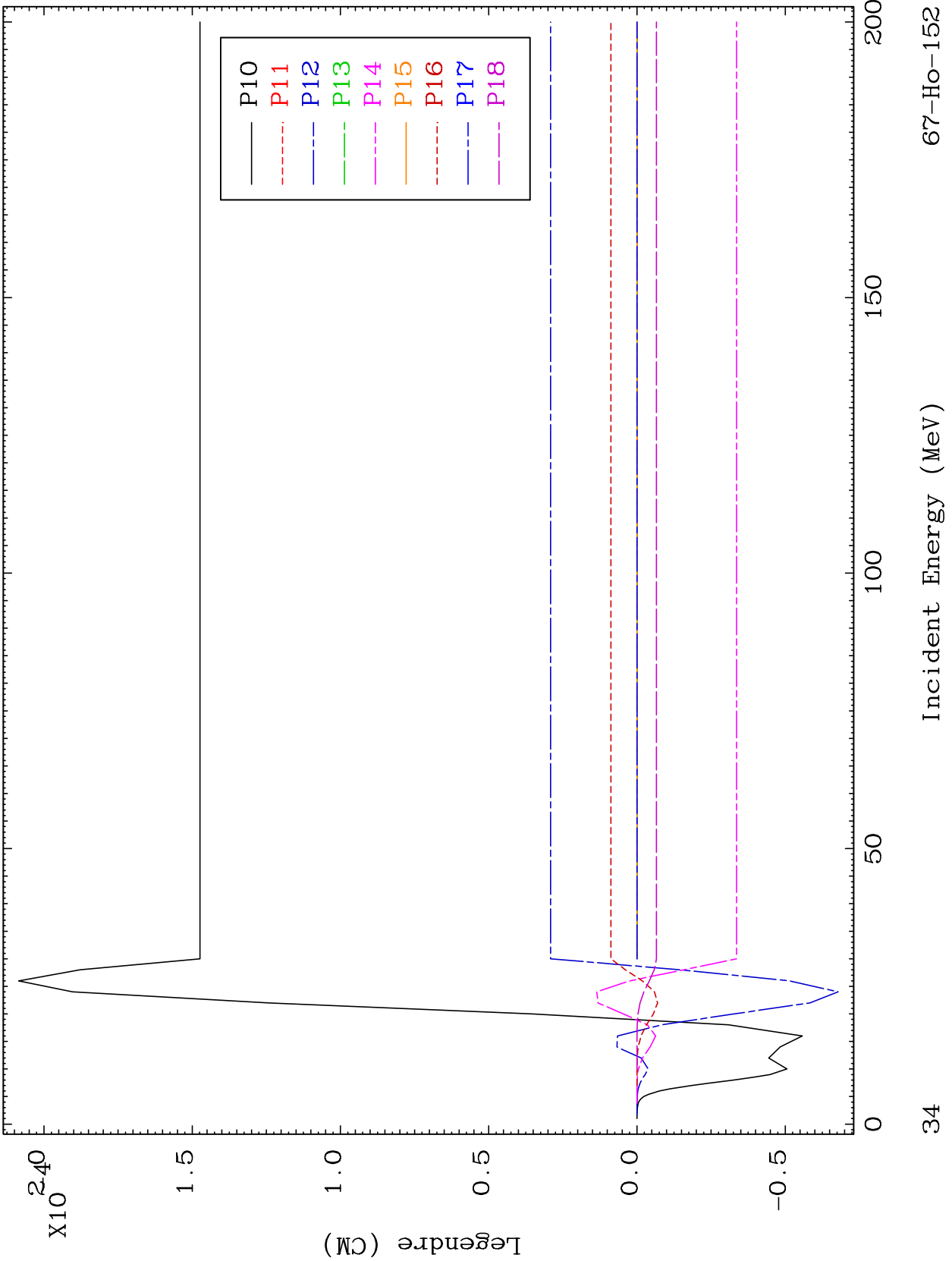
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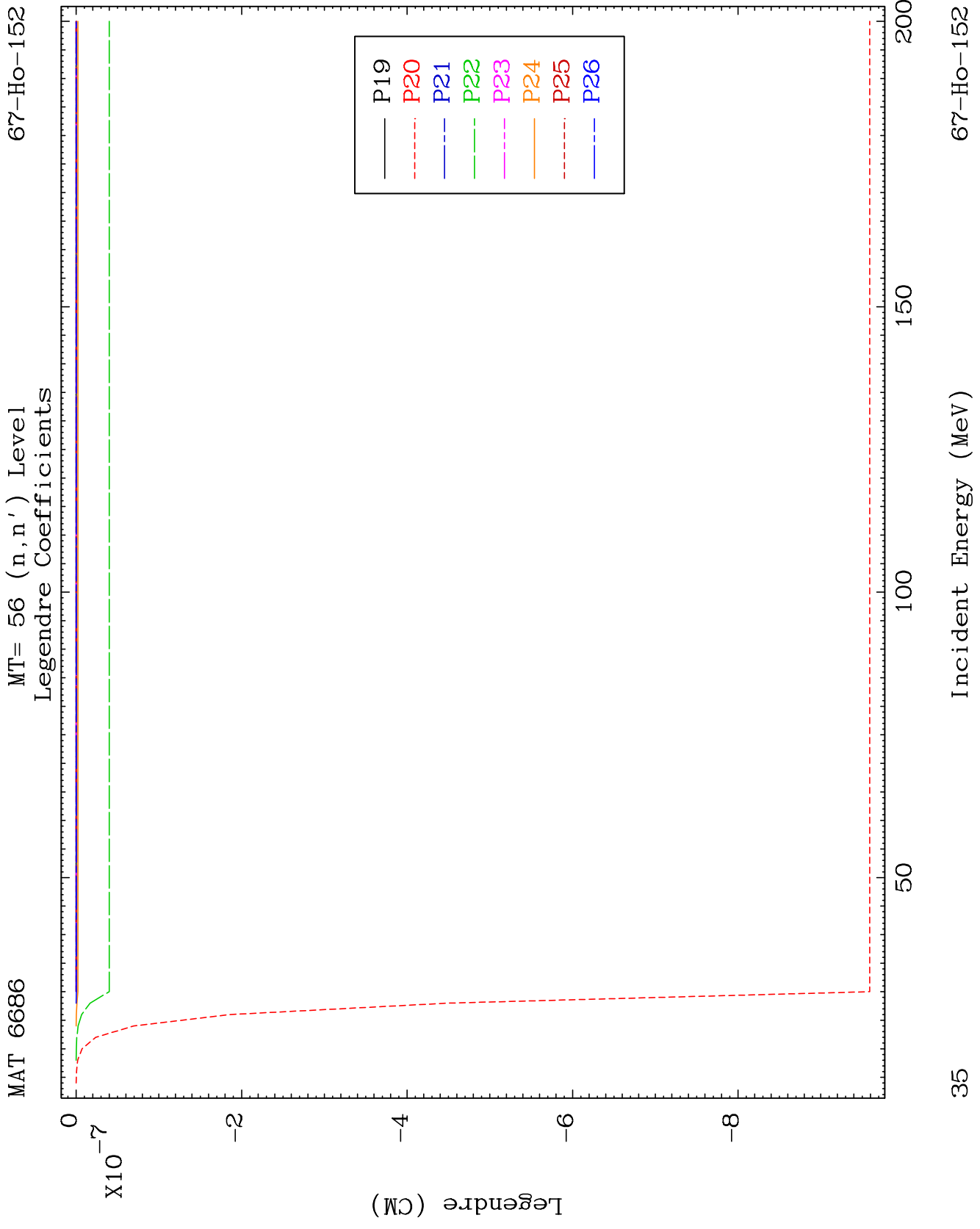


33

Incident Energy (MeV)

67-Ho-152

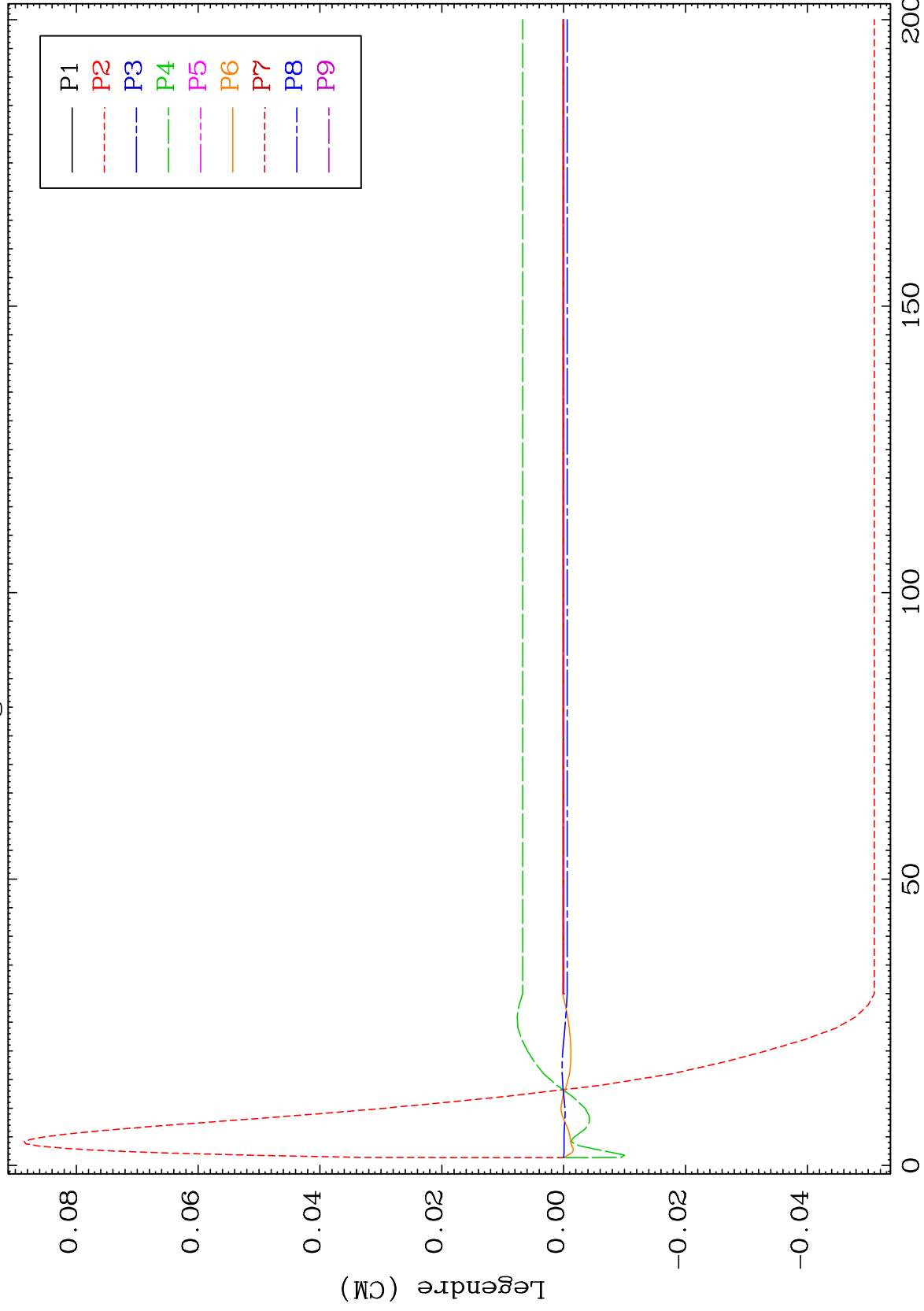




MAT 6686

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

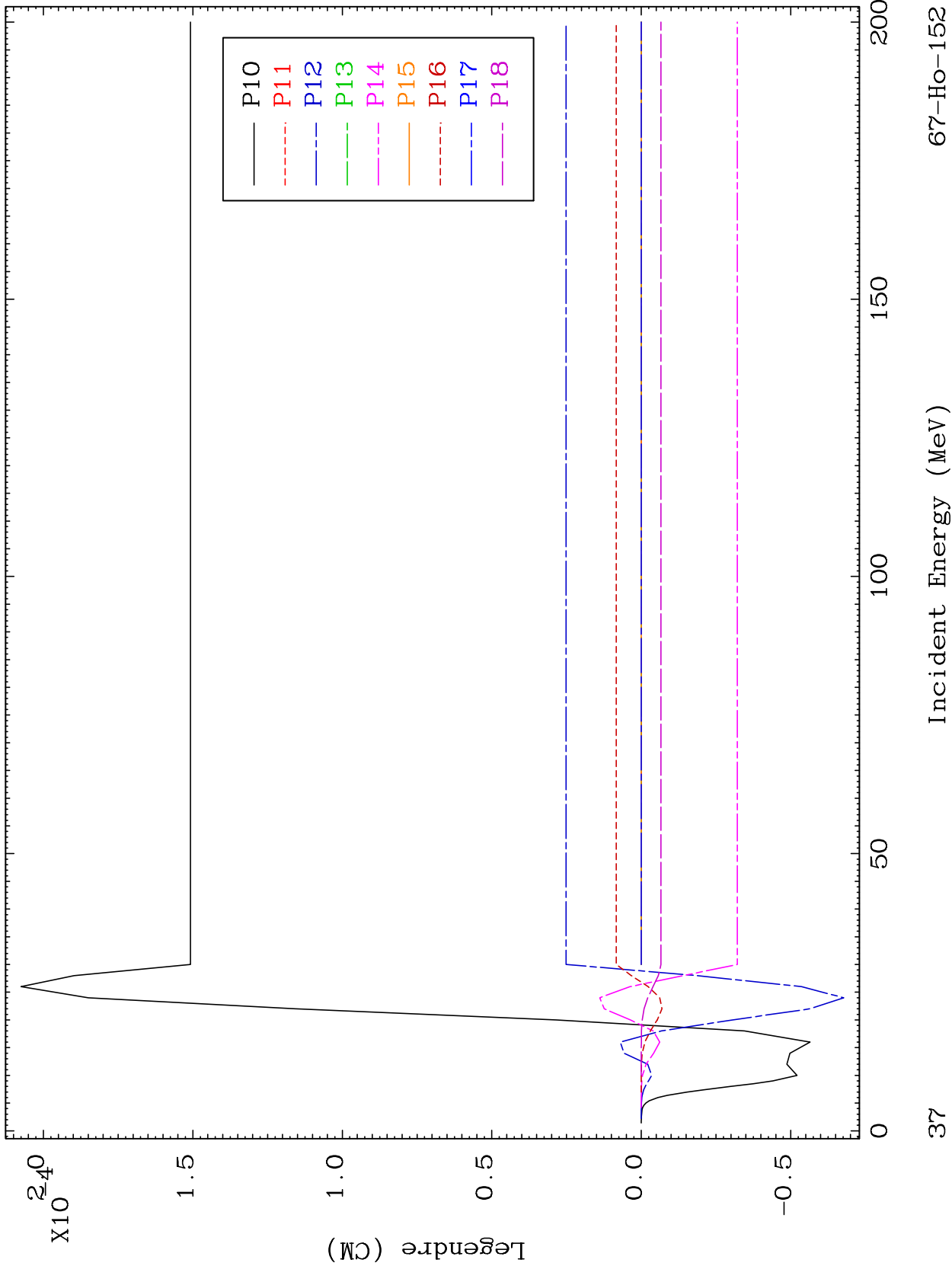
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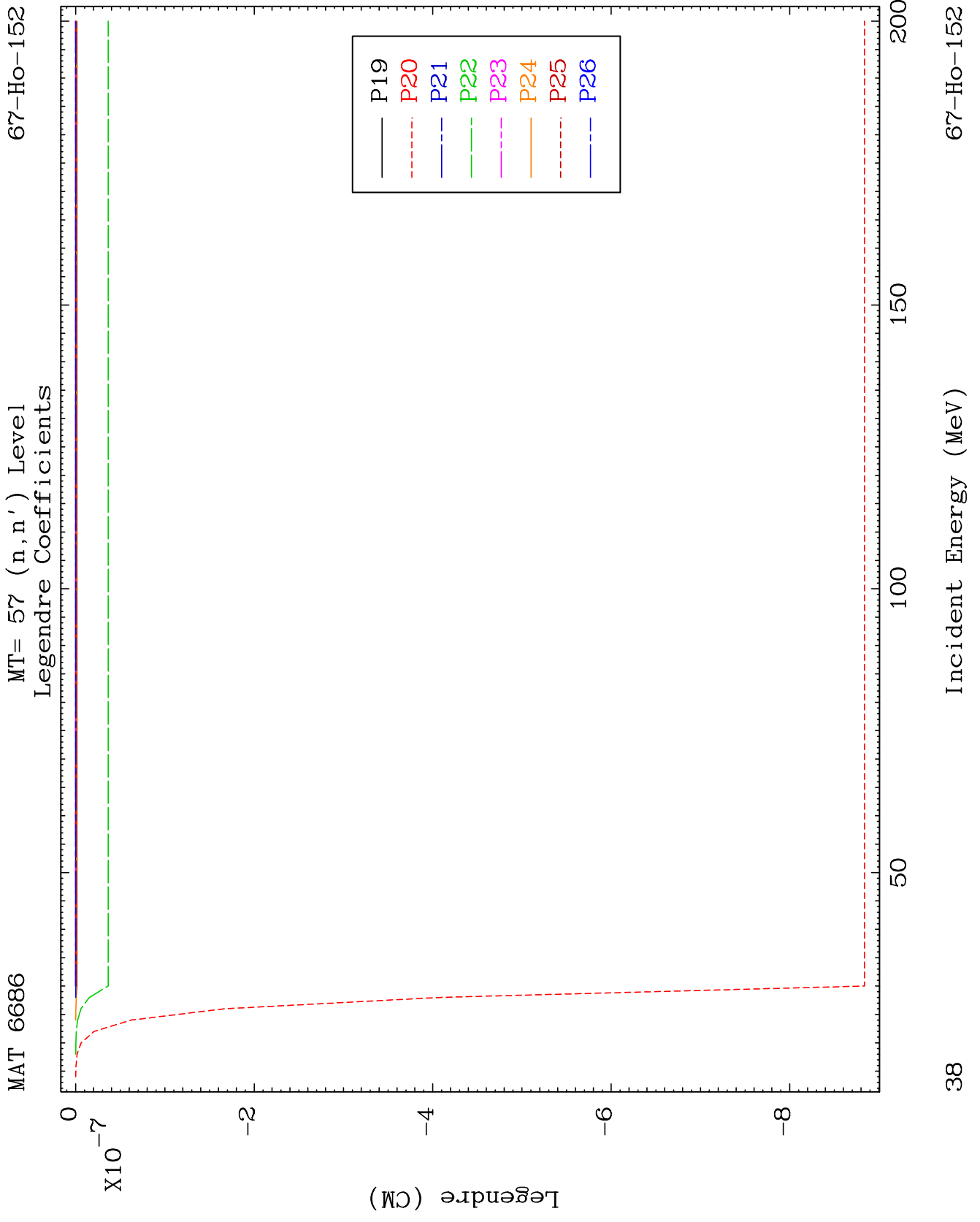


36

Incident Energy (MeV)

67-Ho-152

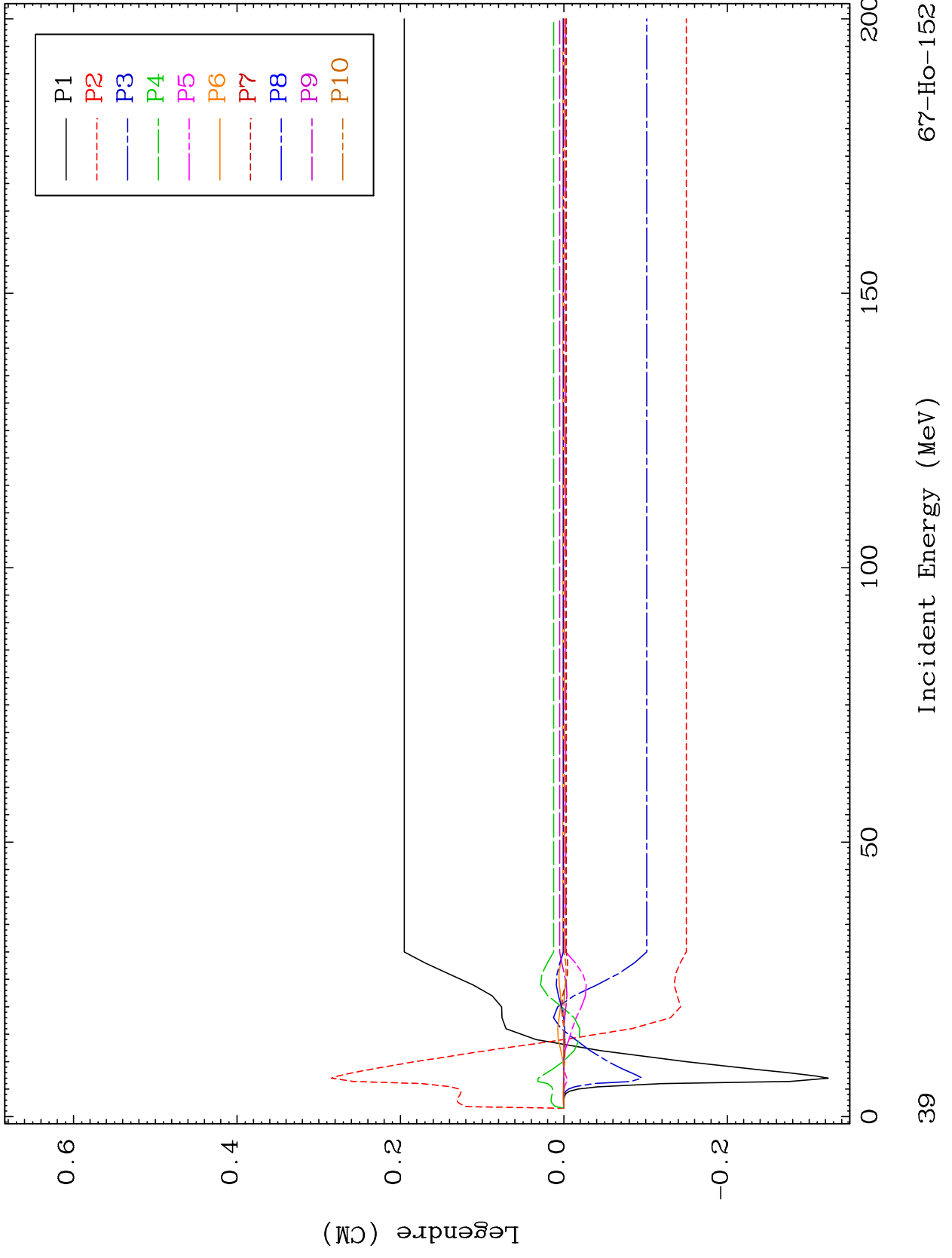




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MT= 58 (n,n') Level
Legendre Coefficients

67-Ho-152



39

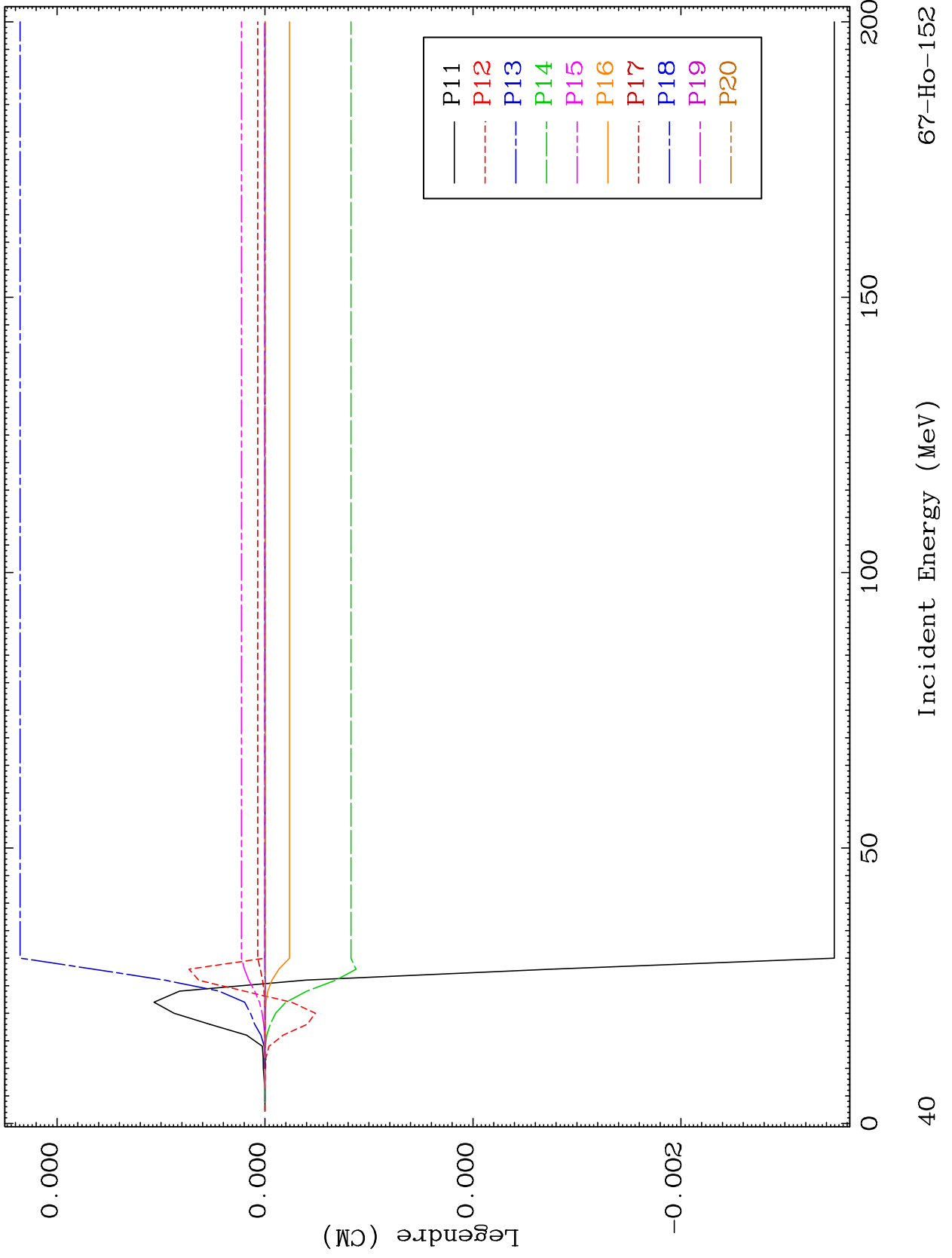
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



67-Ho-152

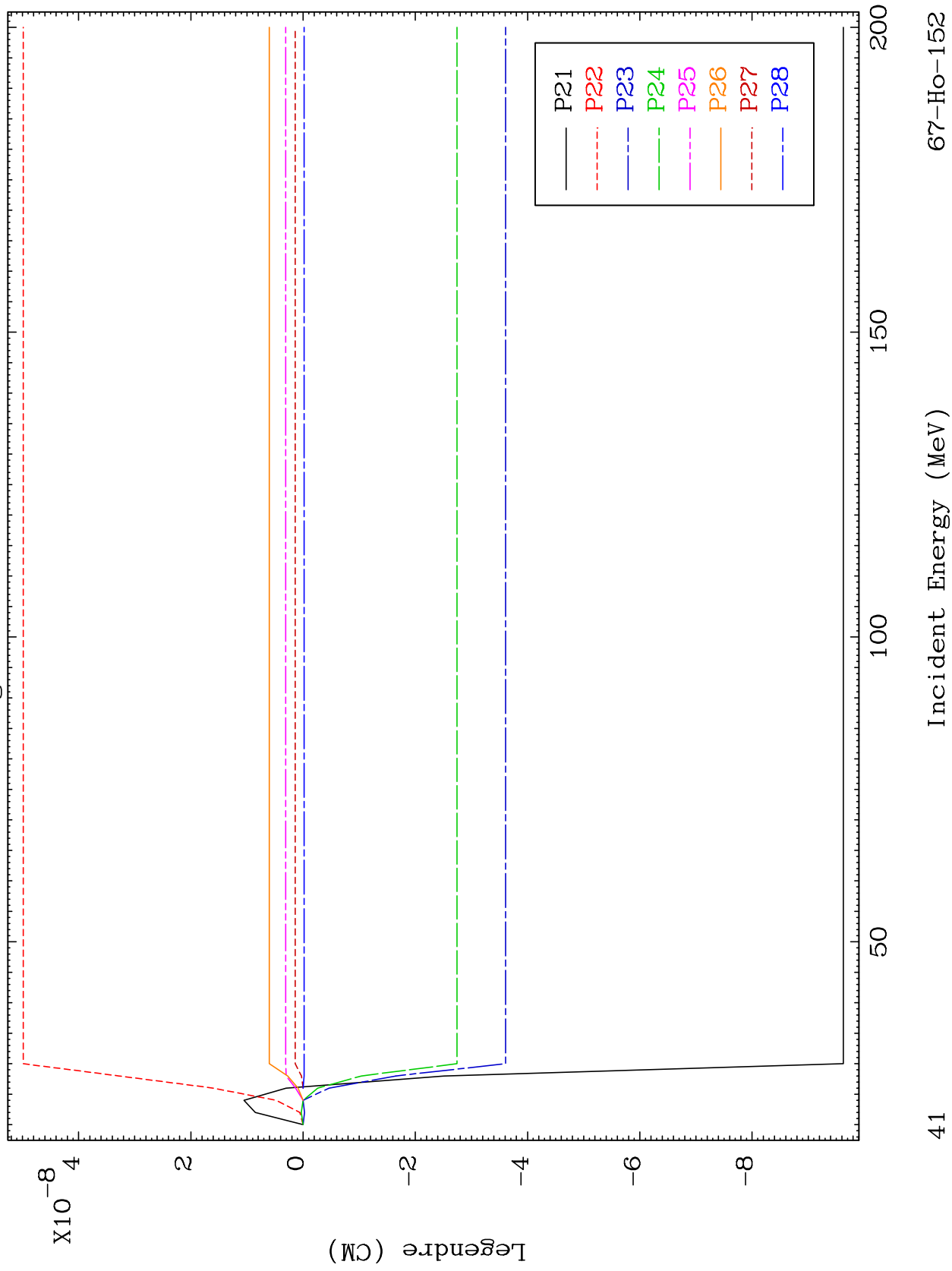
Incident Energy (MeV)

40

MAT 6686

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

67-Ho-152



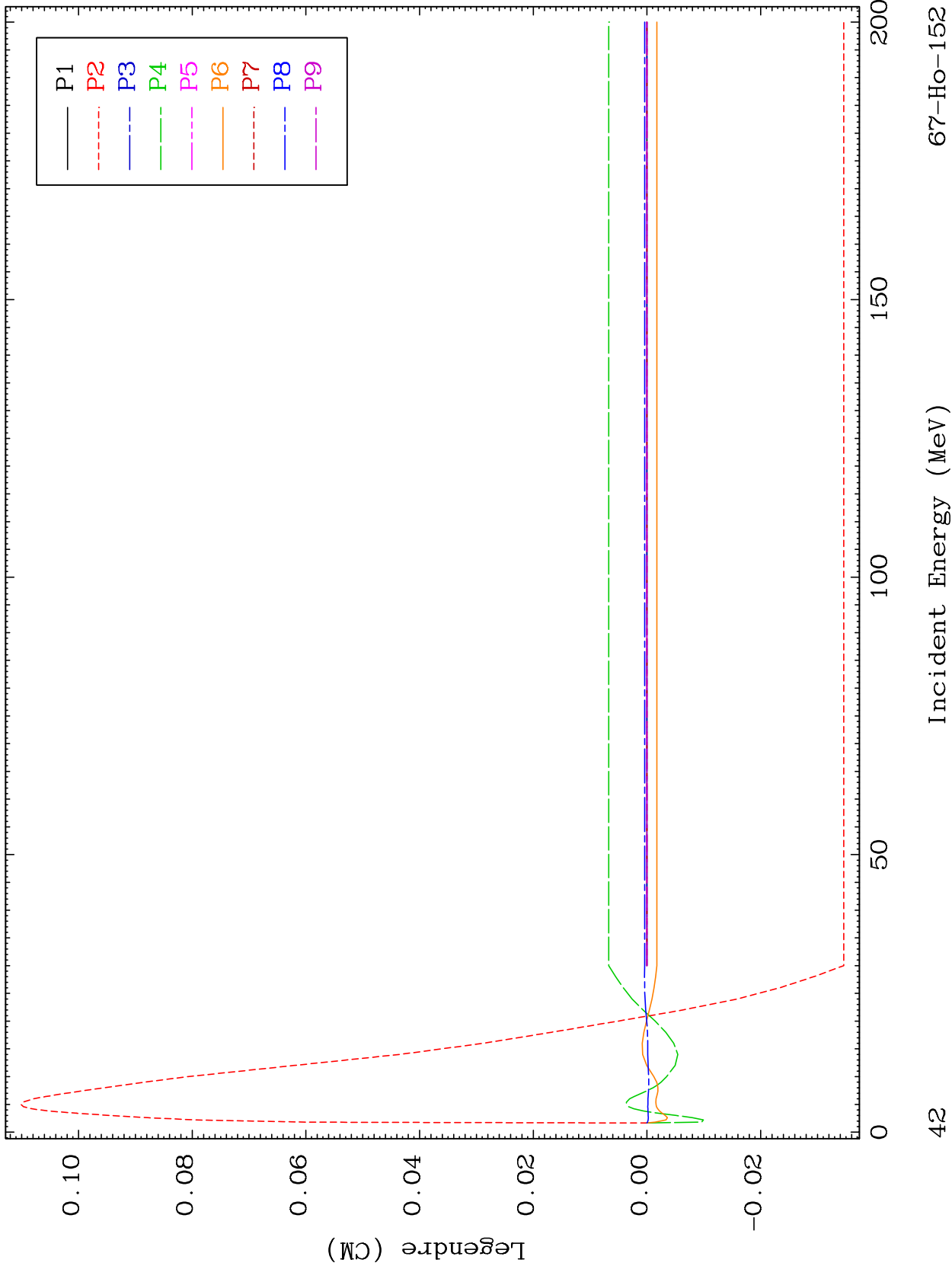
41

67-Ho-152

MAT 6686

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

67-Ho-152



67-Ho-152

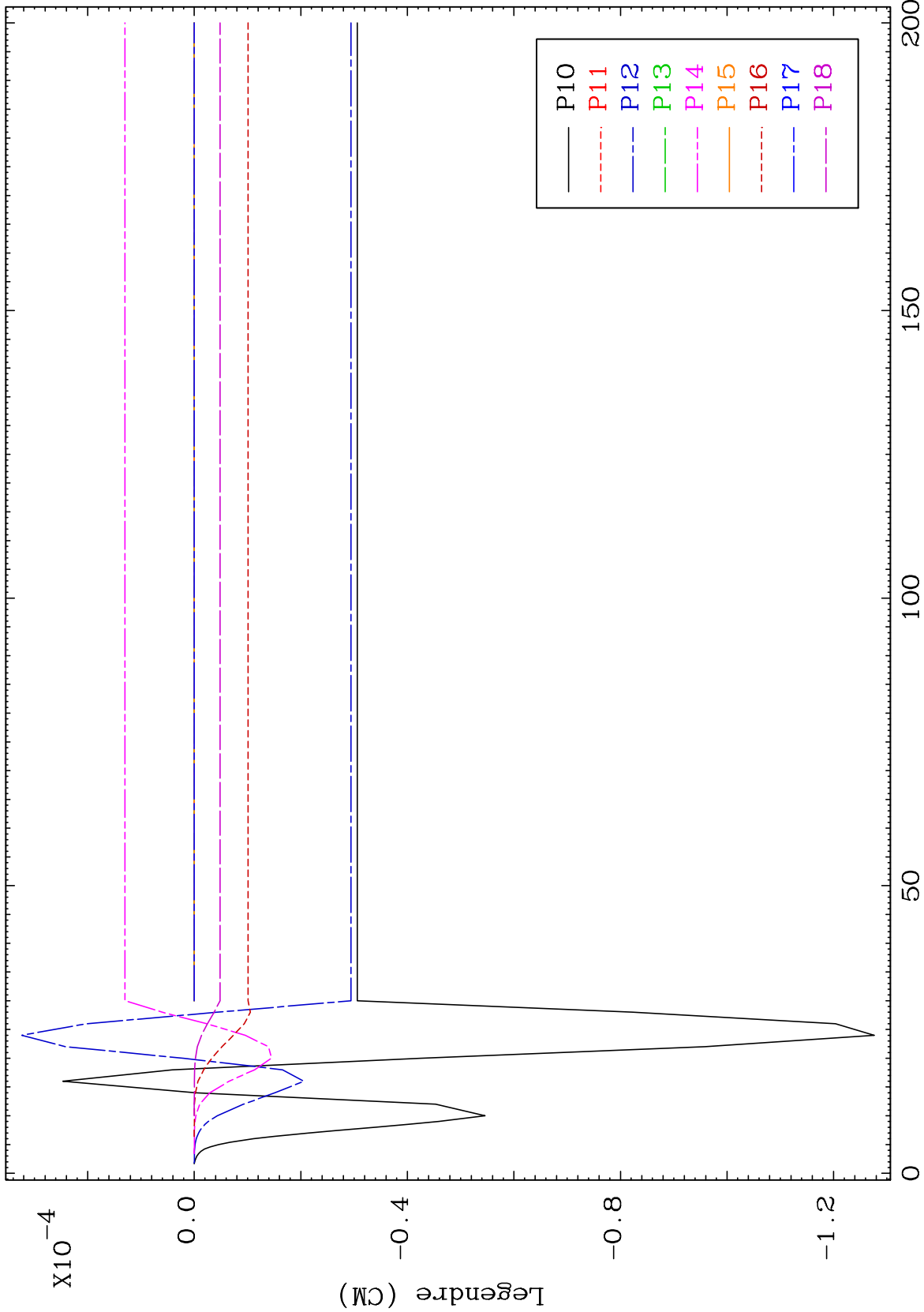
Incident Energy (MeV)

42

MAT 6686

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

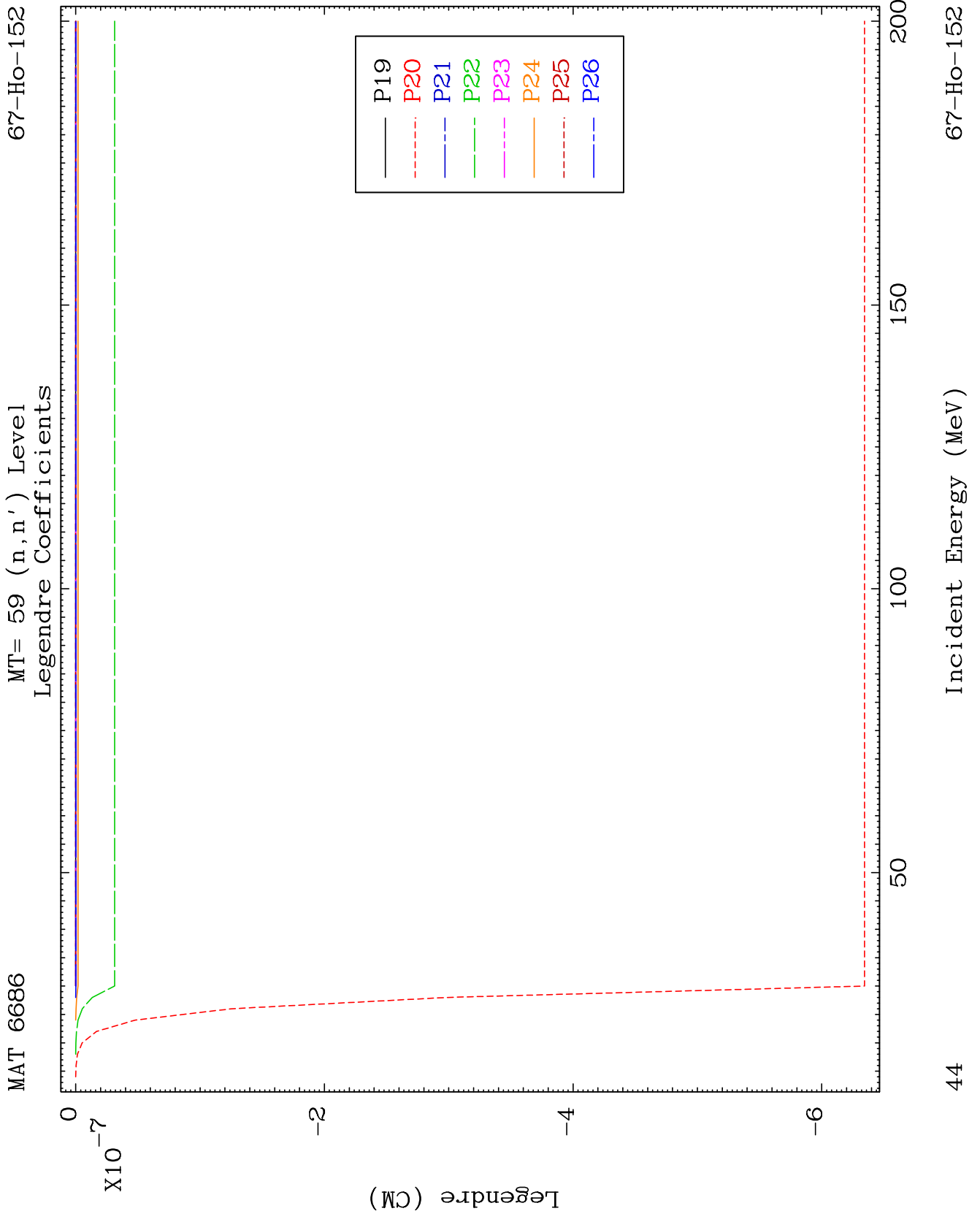
67-Ho-152



43

Incident Energy (MeV)

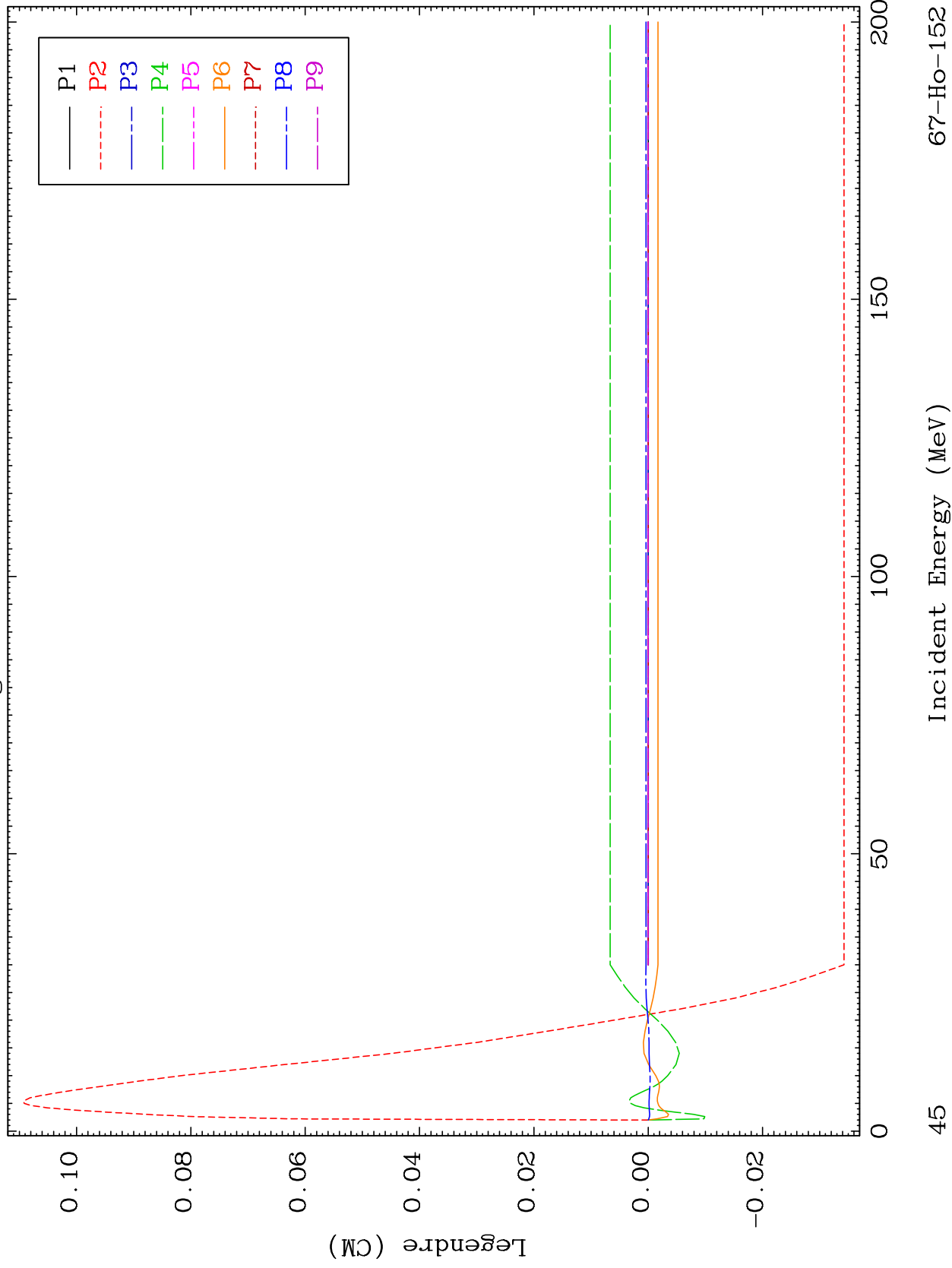
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MAT 6686

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

67-Ho-152



67-Ho-152

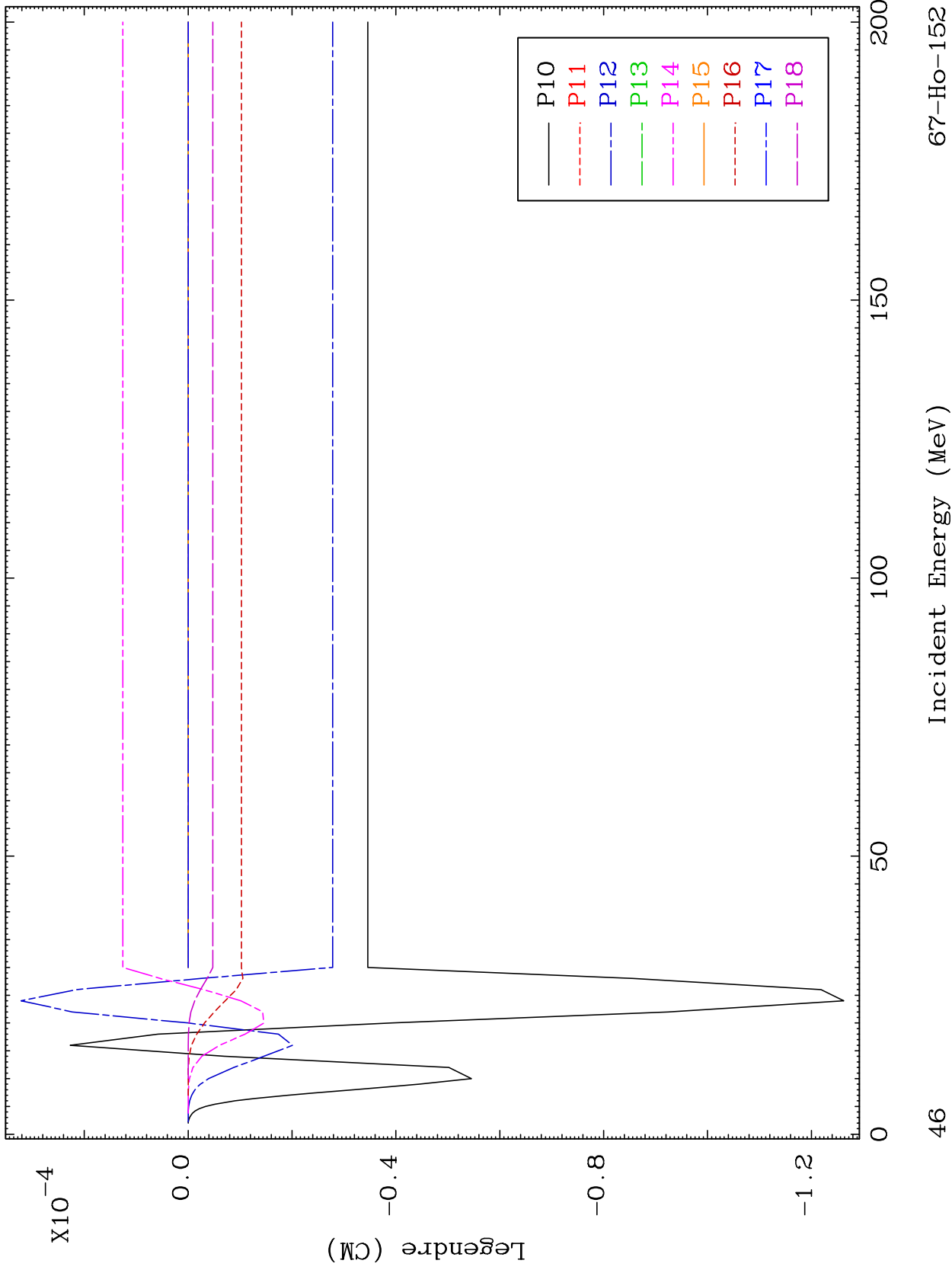
Incident Energy (MeV)

45

MAT 6686

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

67-Ho-152



67-Ho-152

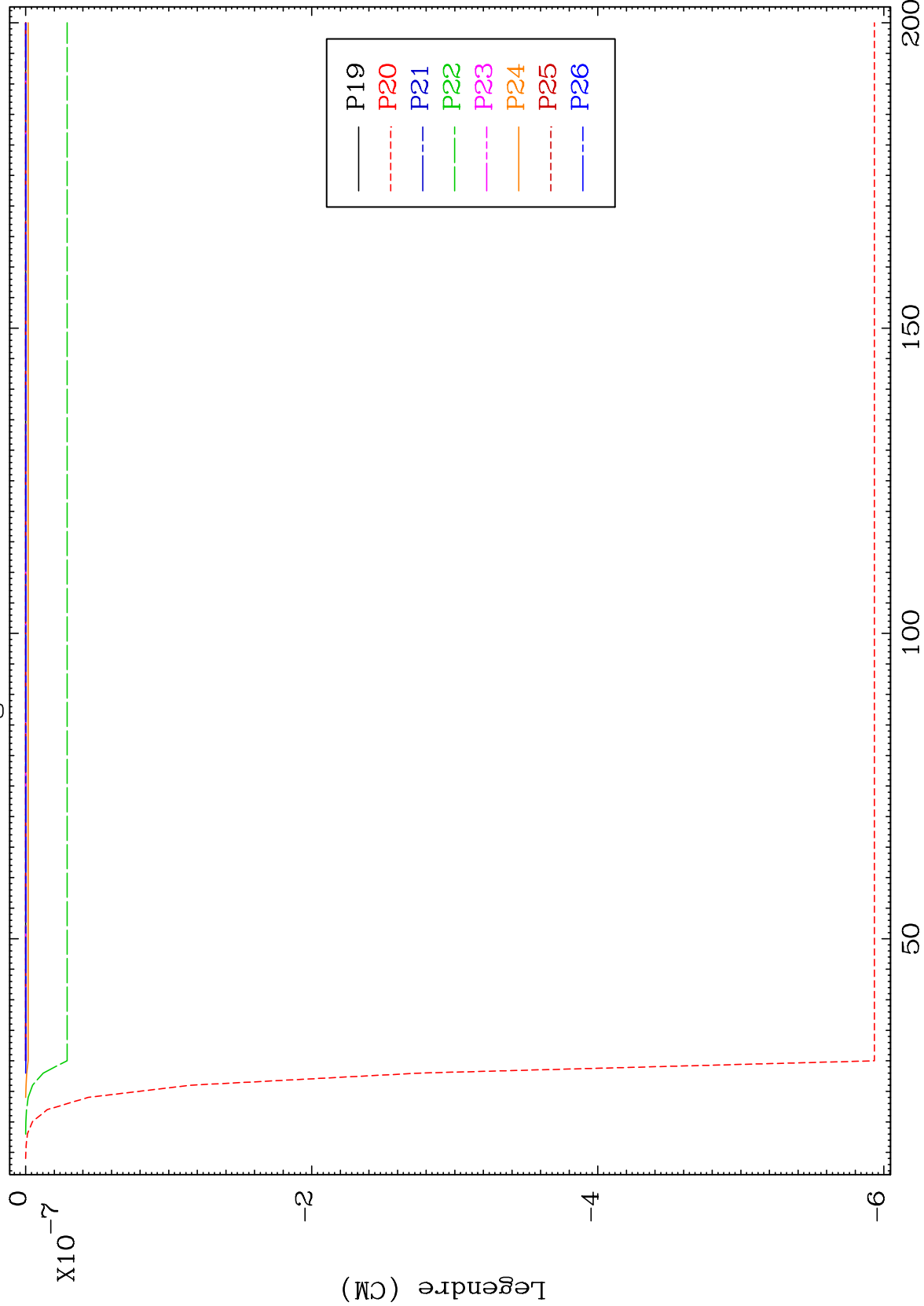
Incident Energy (MeV)

46

MAT 6686

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

67-Ho-152



67-Ho-152

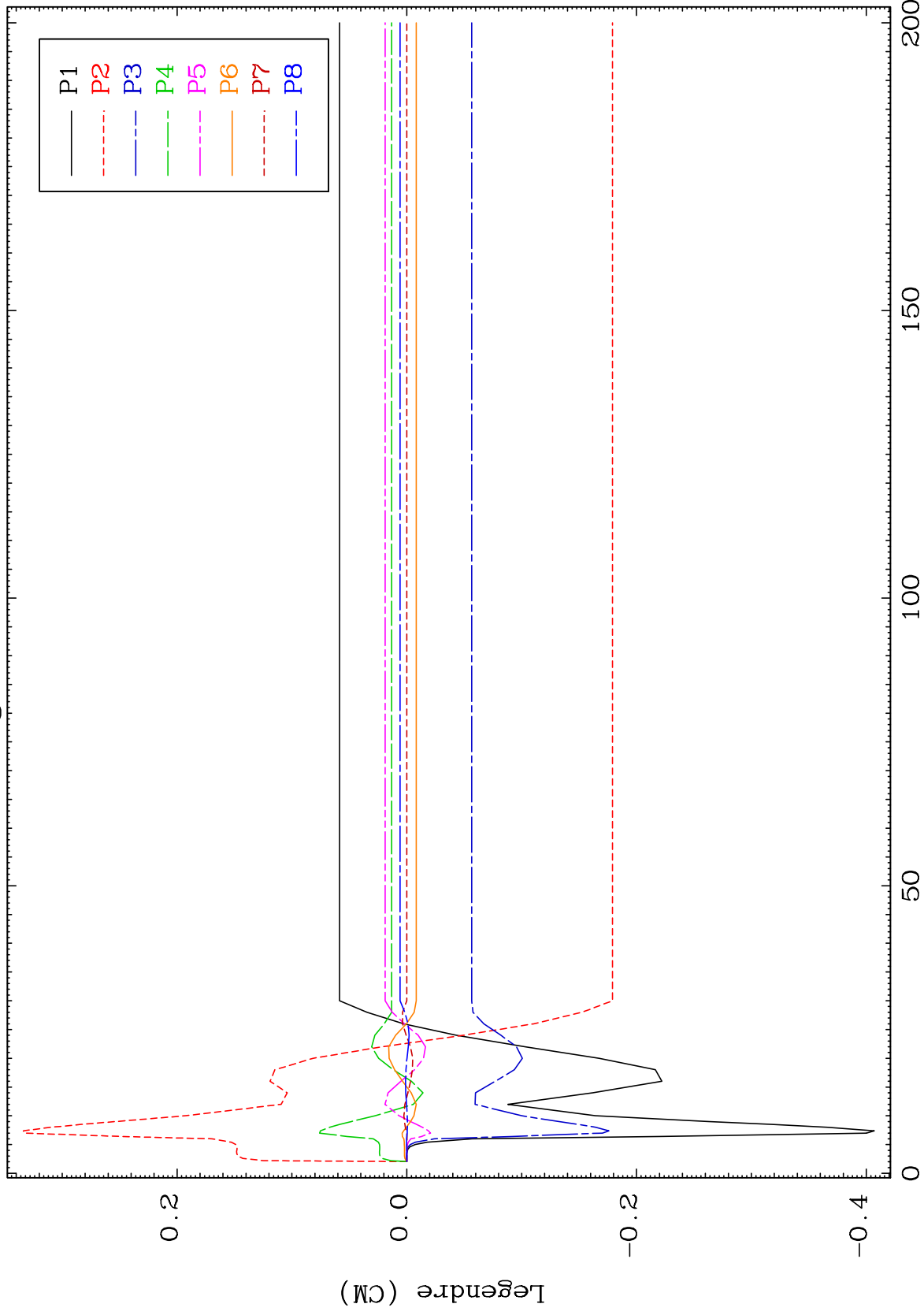
Incident Energy (MeV)

47

MAT 6686

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

67-Ho-152



48

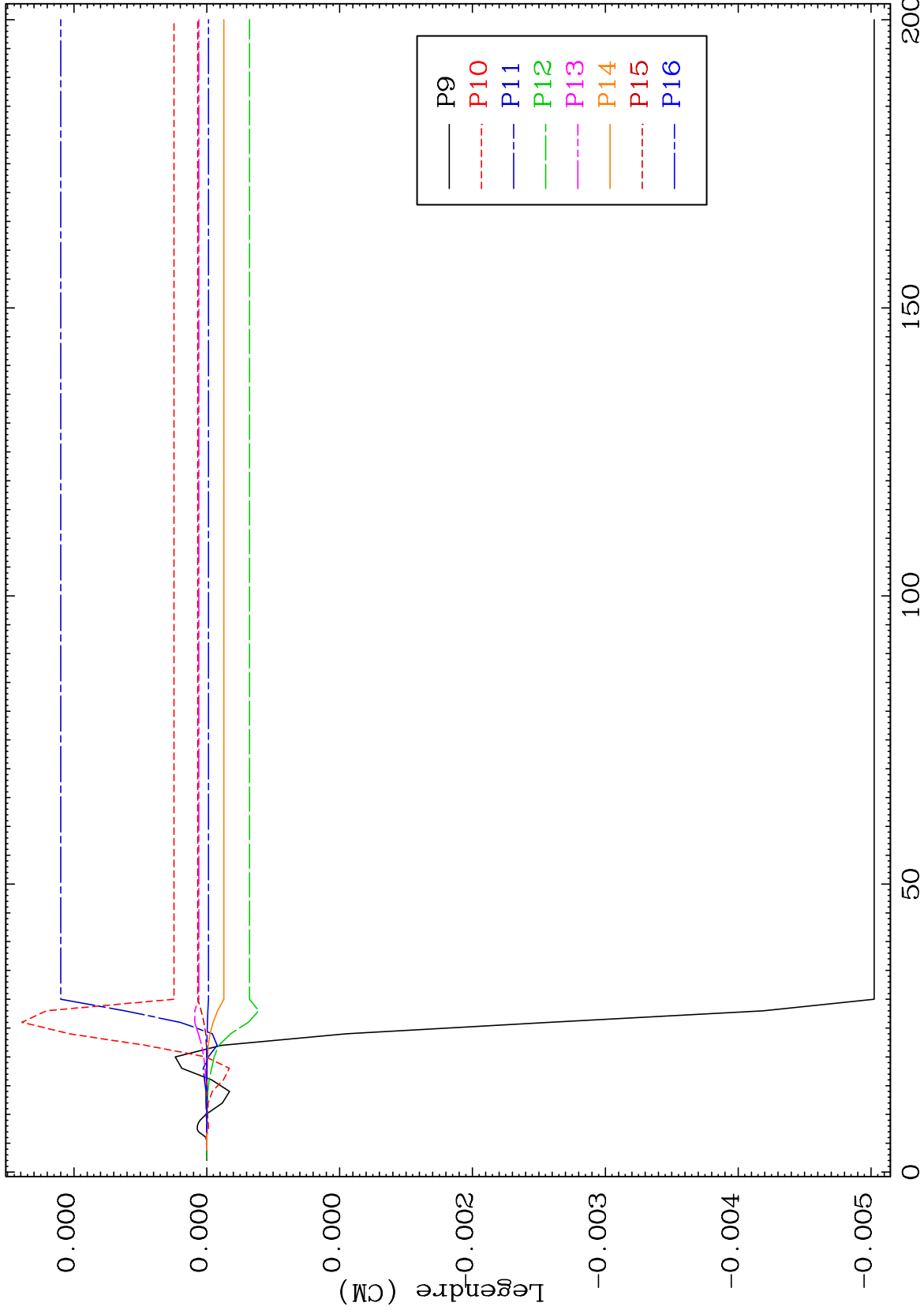
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



49

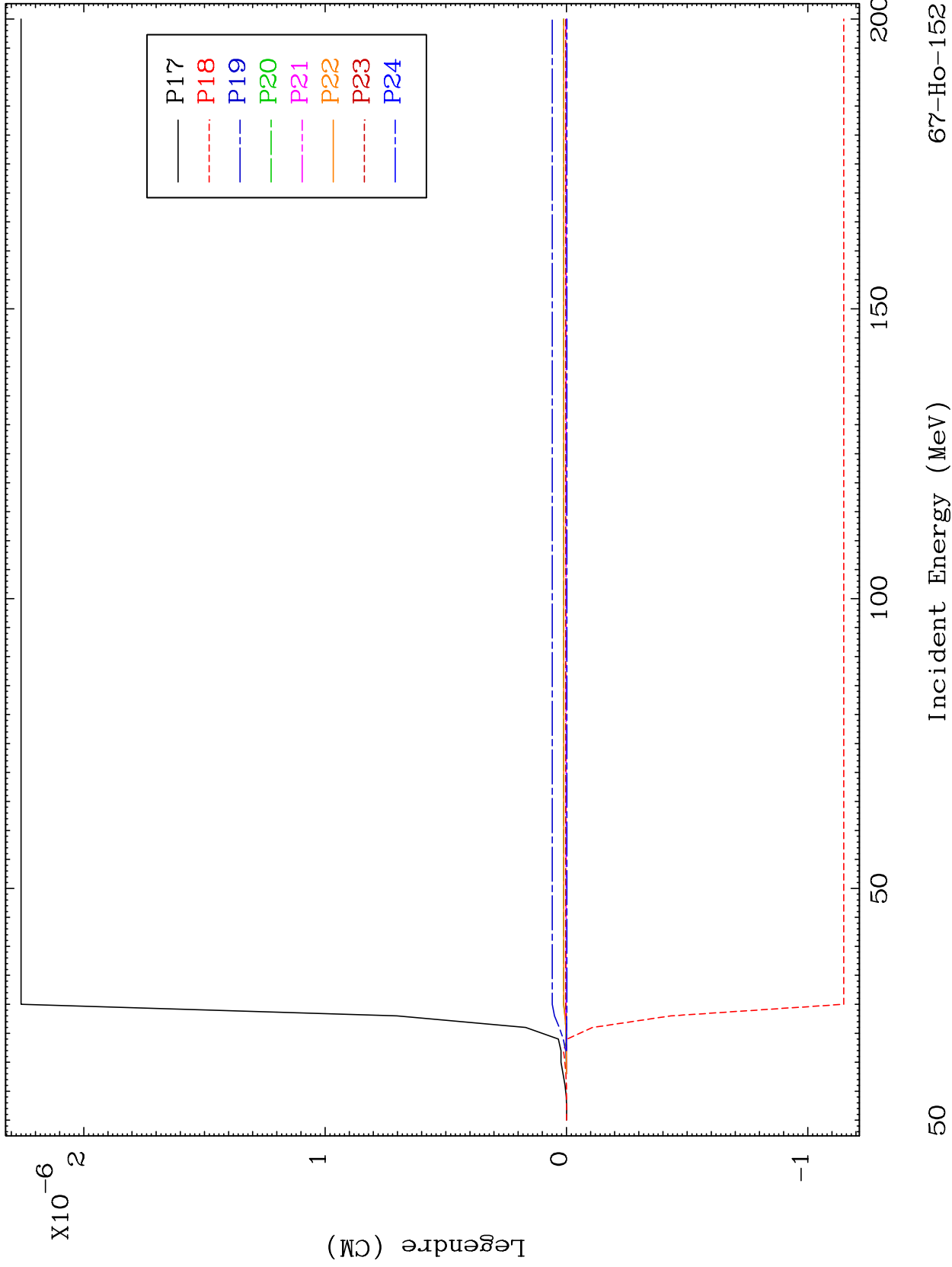
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



50

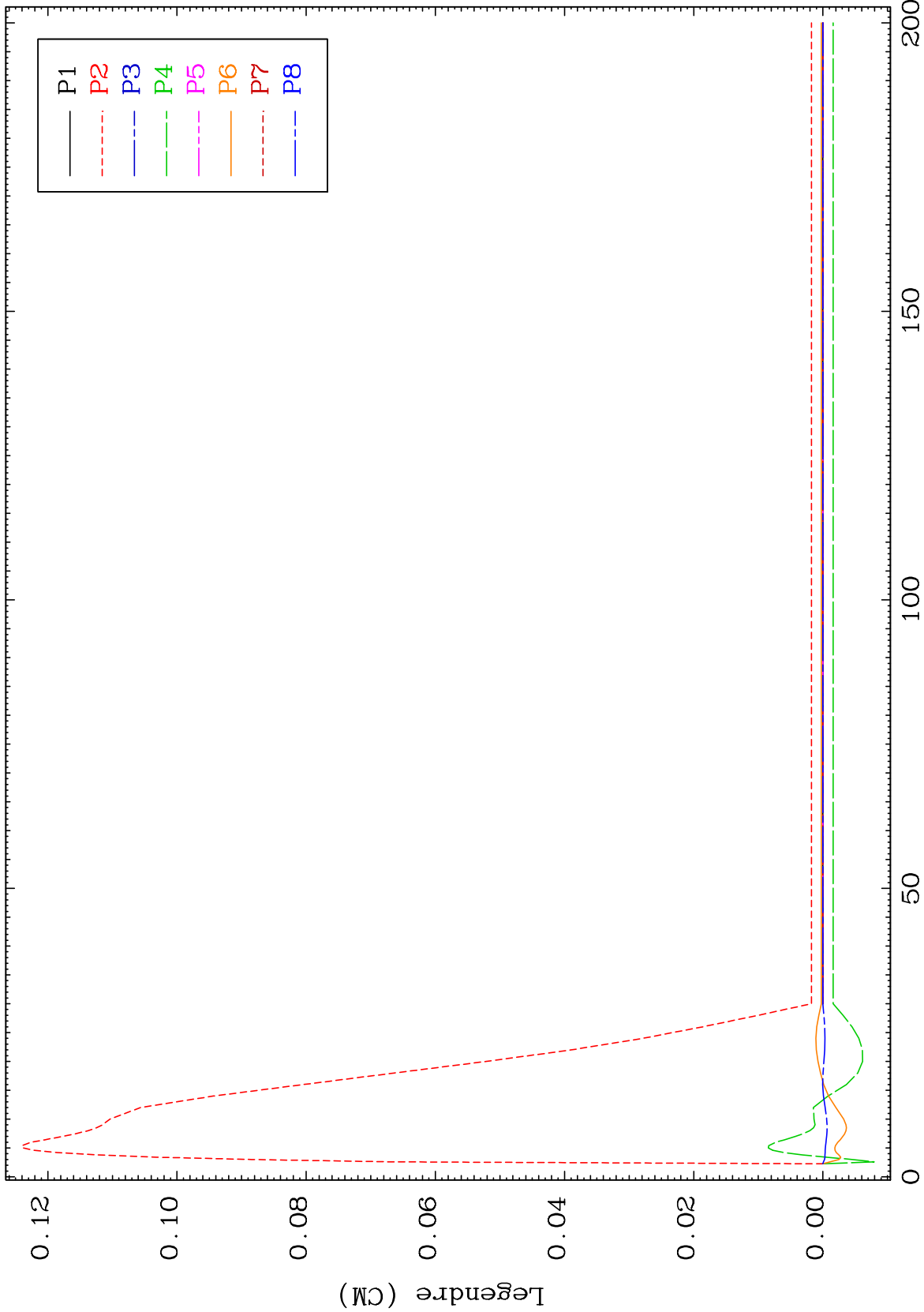
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



51

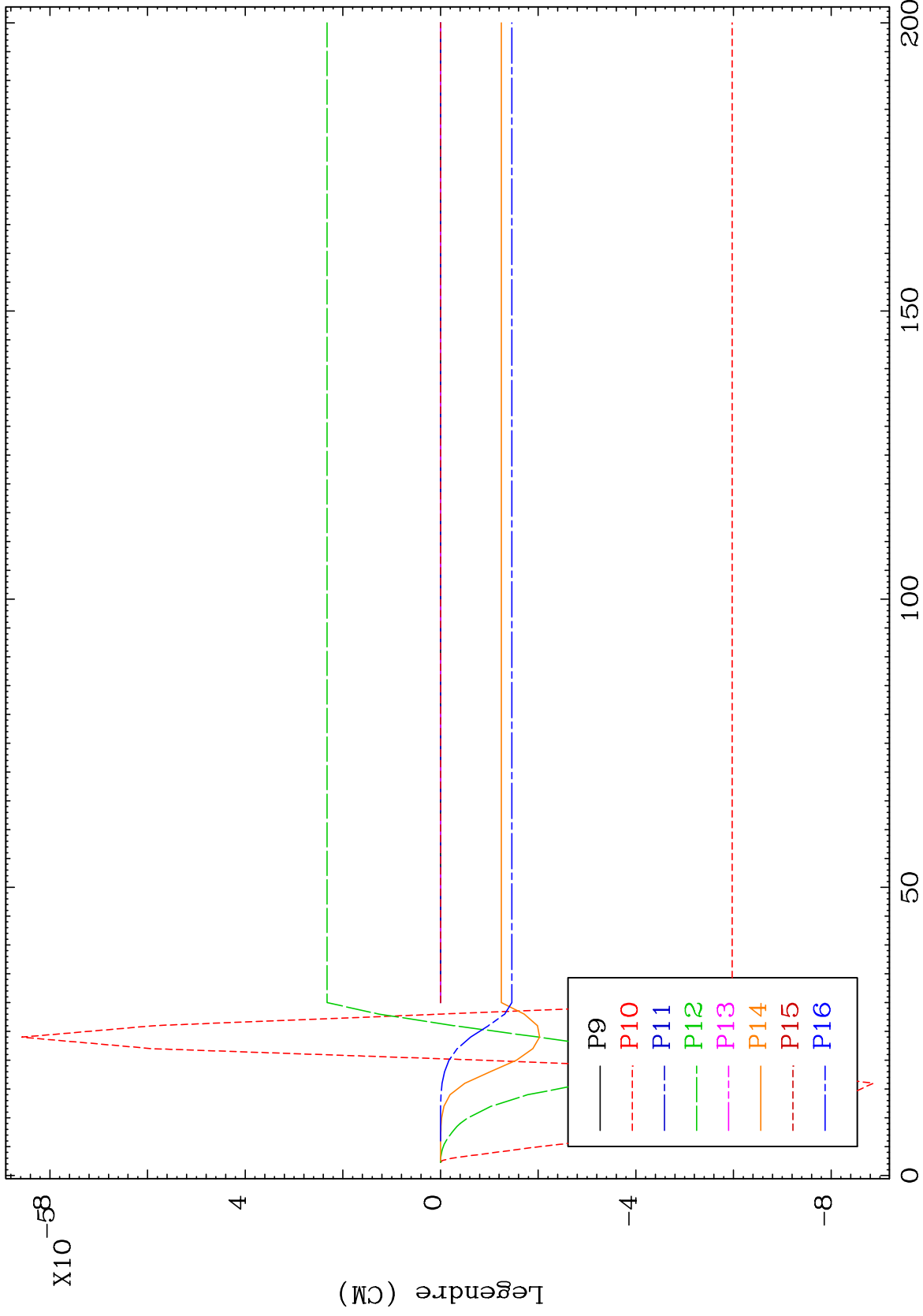
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

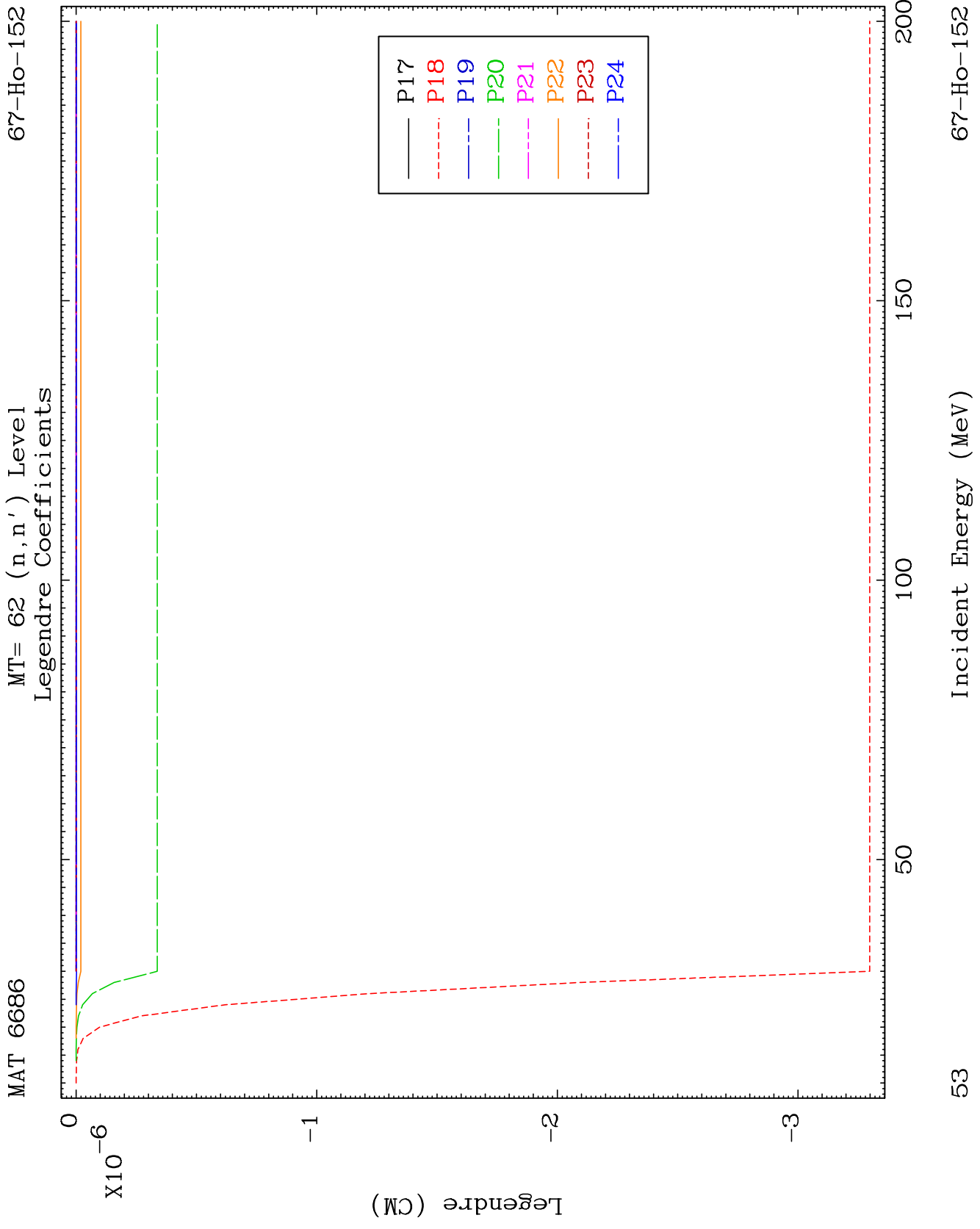
67-Ho-152



52

Incident Energy (MeV)

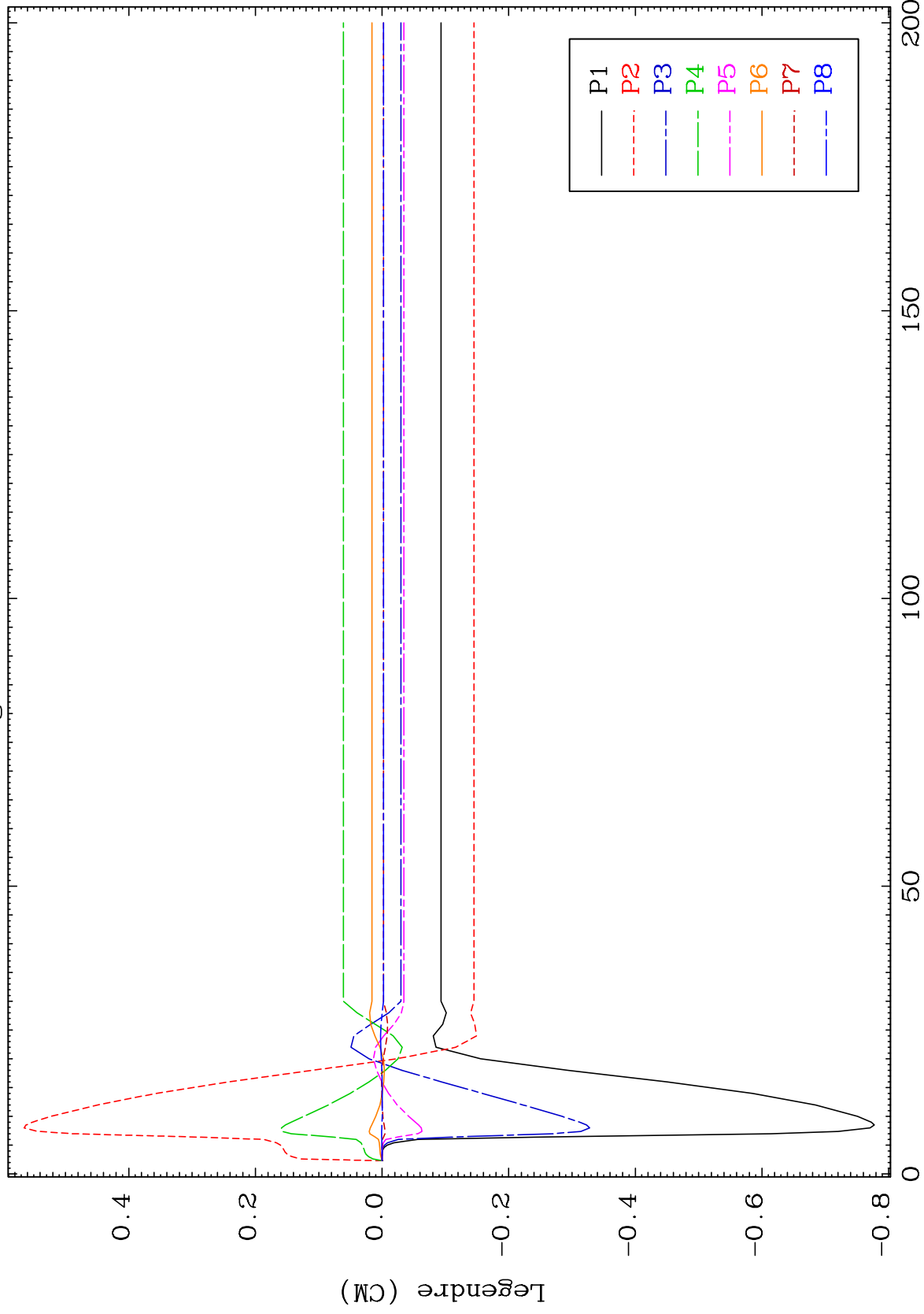
67-Ho-152



MAT 6686

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

67-Ho-152



54

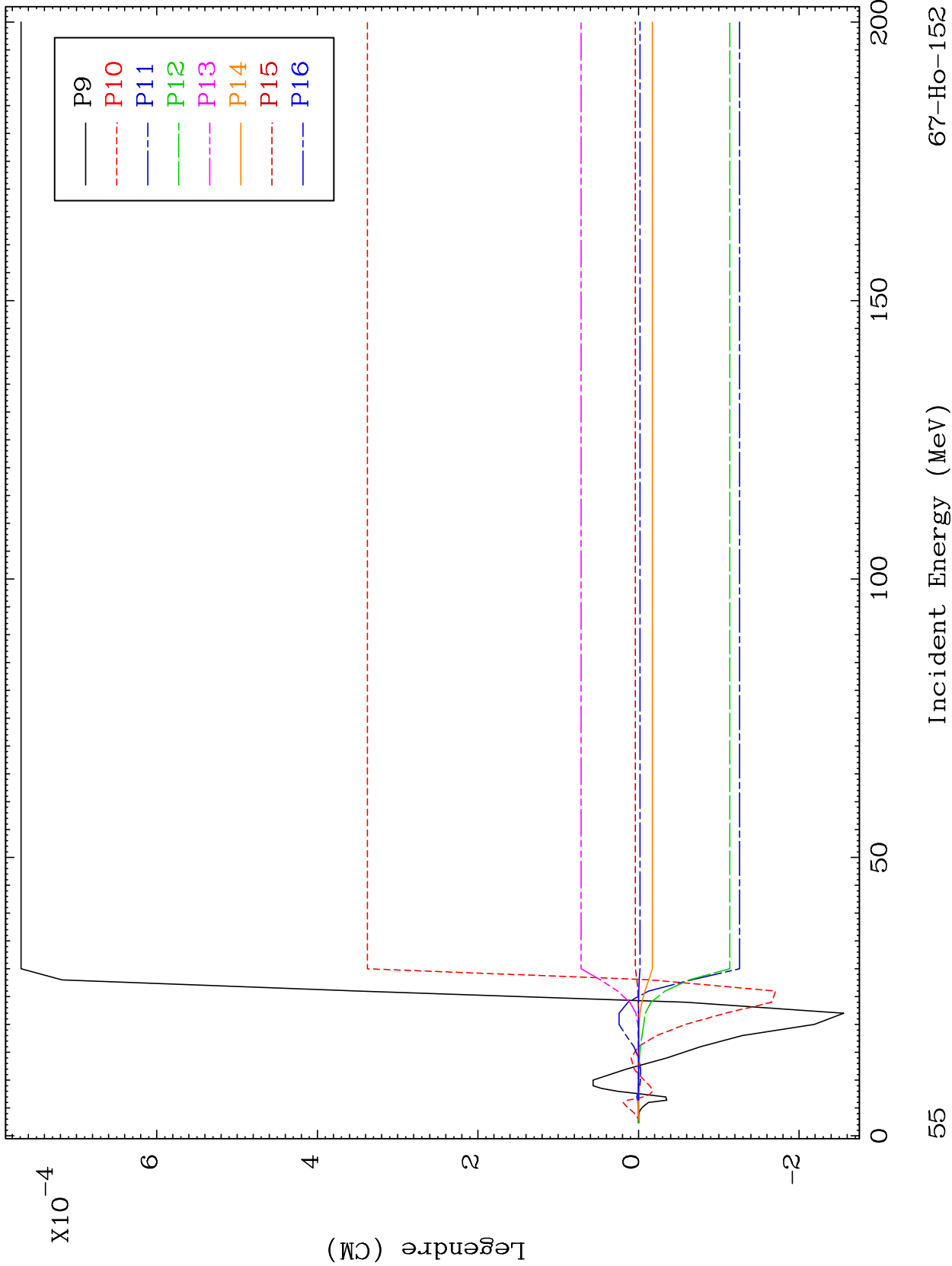
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

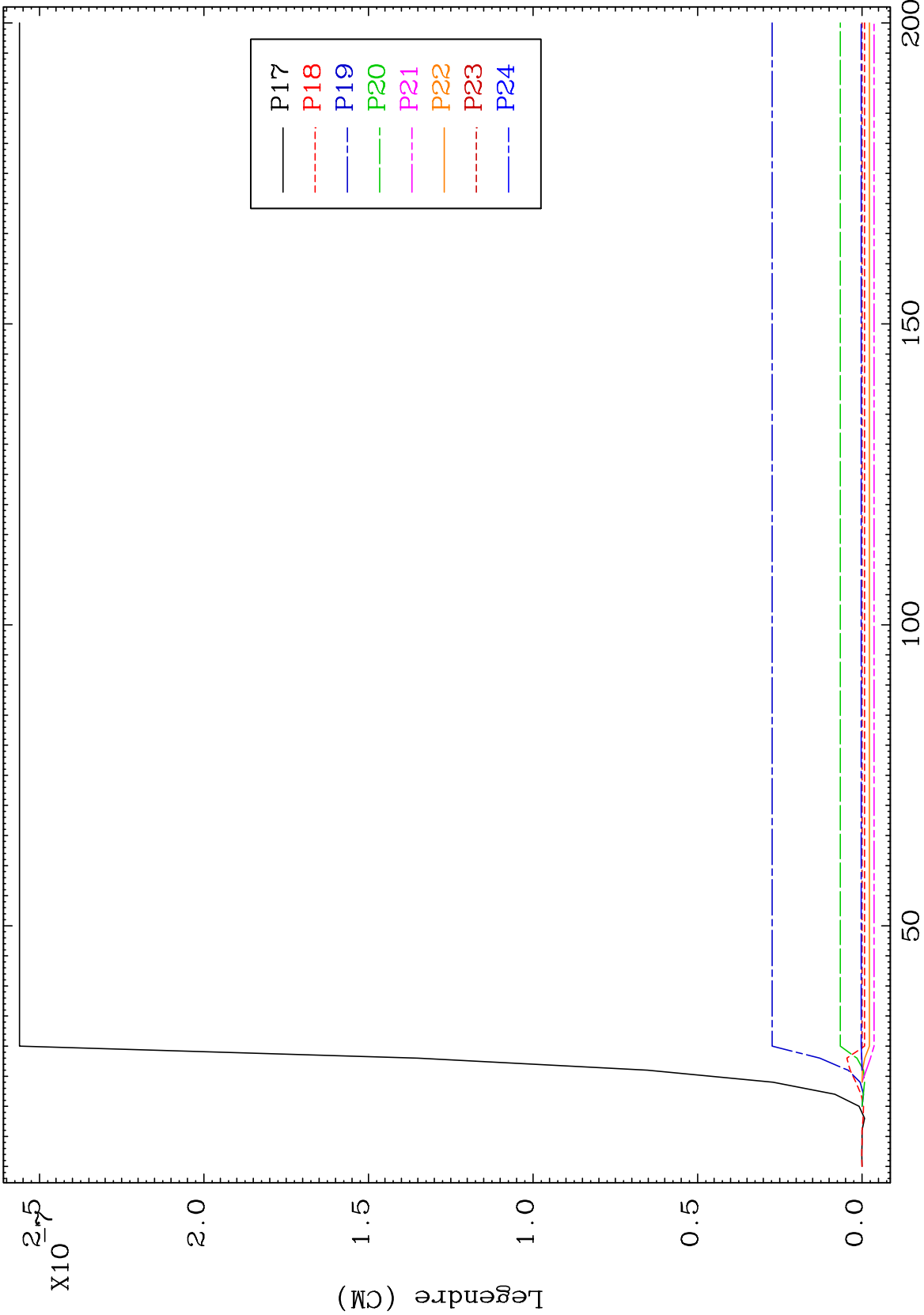
67-Ho-152



67-Ho-152

Incident Energy (MeV)

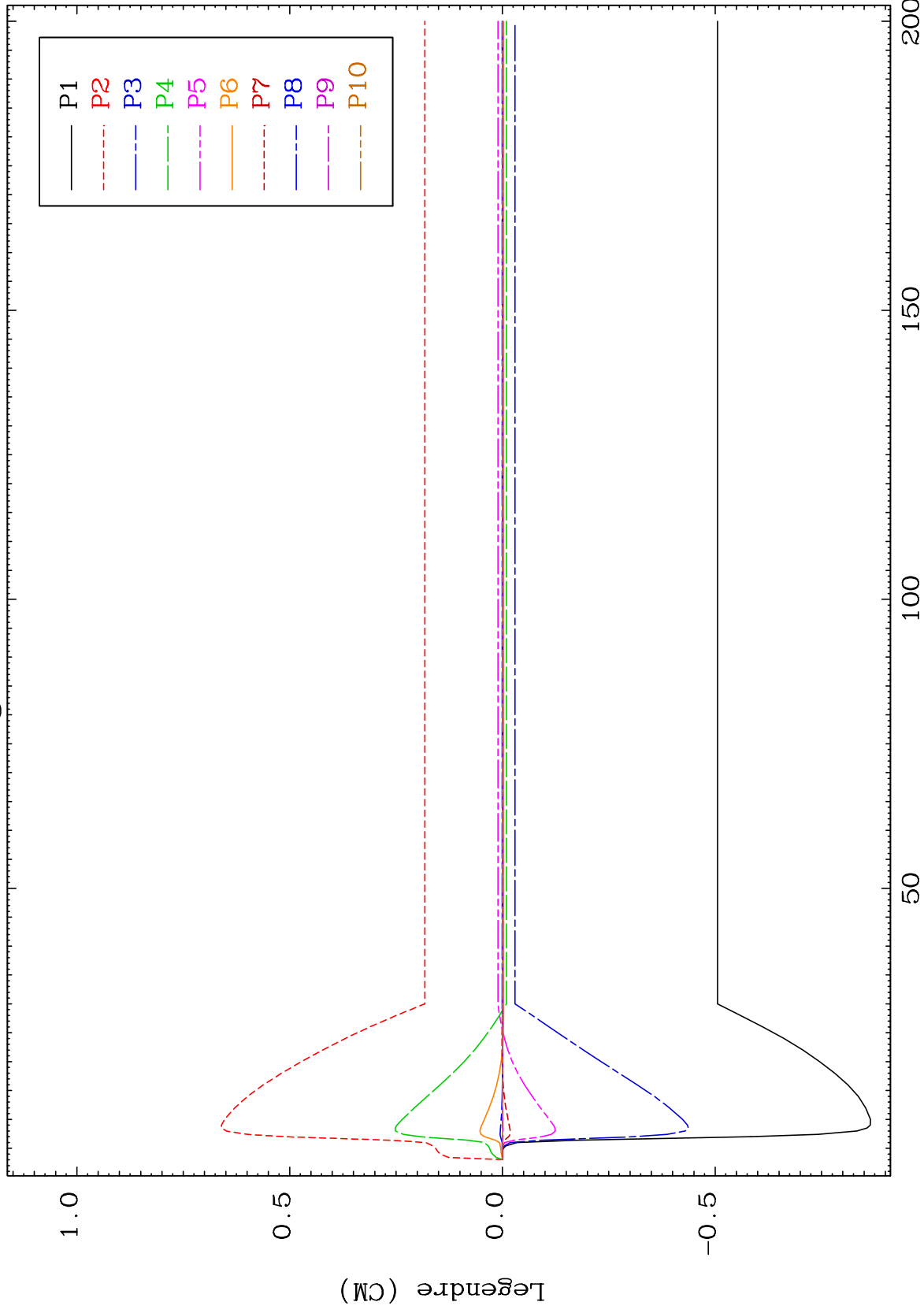
55



MAT 6686

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

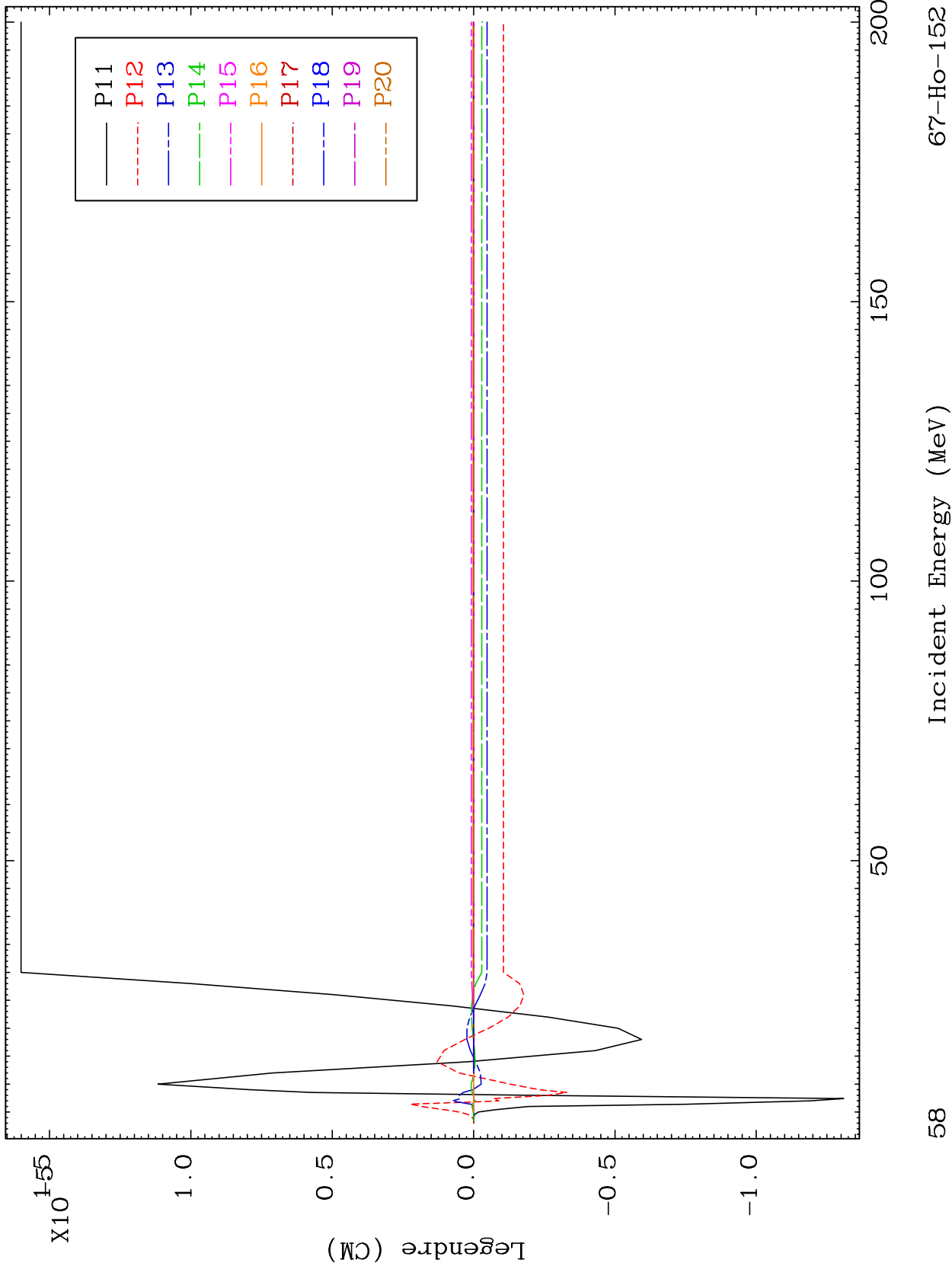
67-Ho-152



57

Incident Energy (MeV)

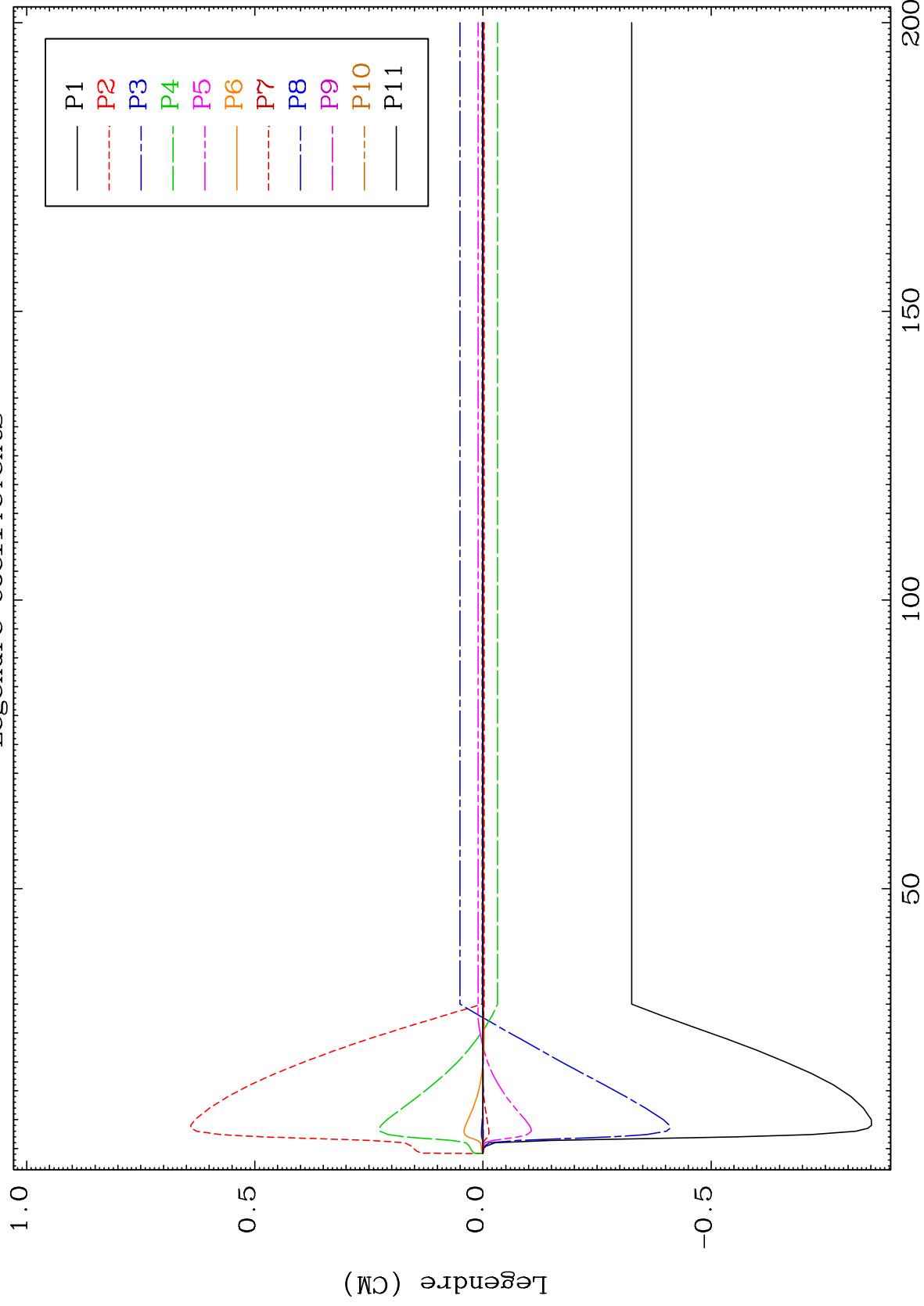
67-Ho-152



MAT 6686

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

67-Ho-152



59

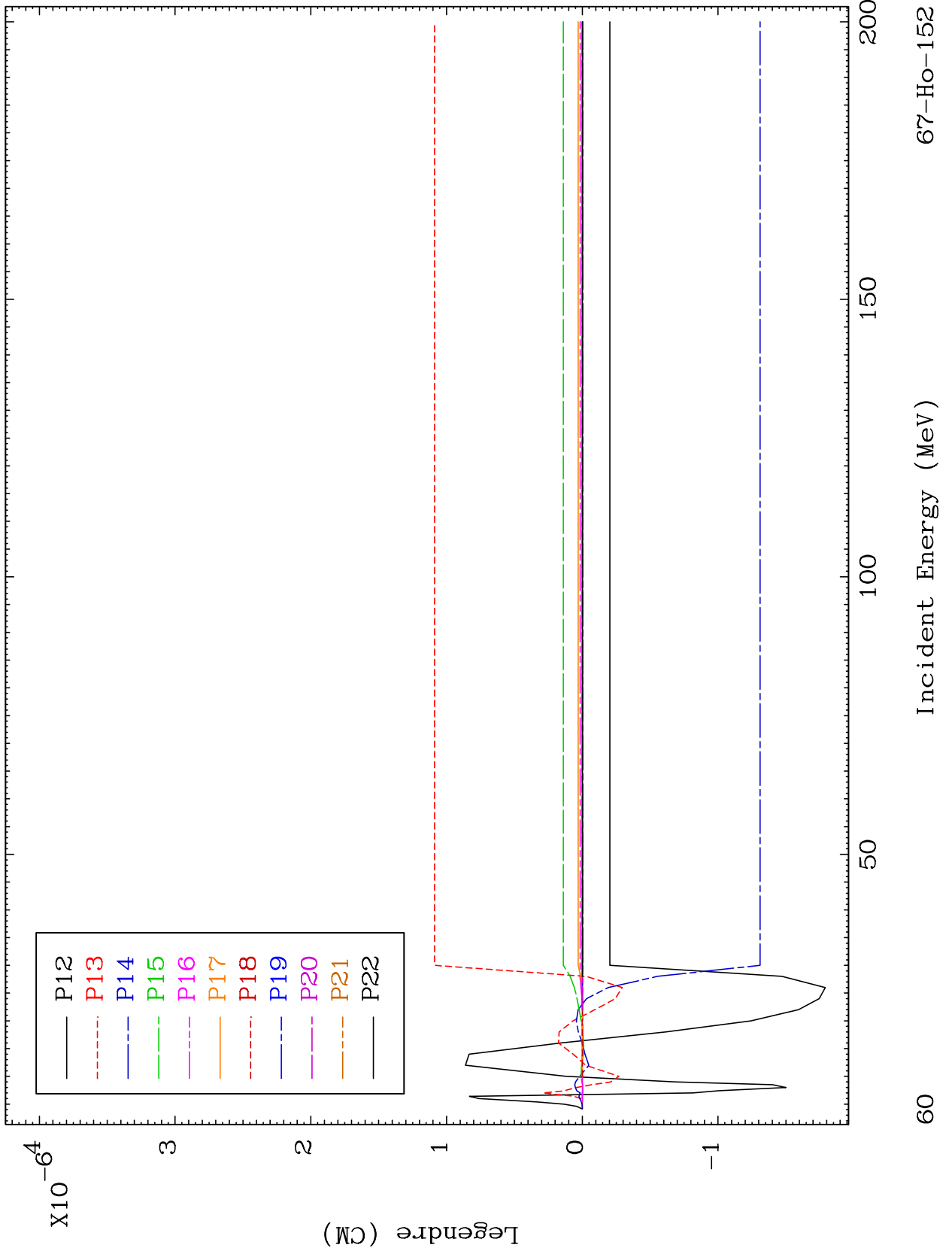
Incident Energy (MeV)

67-Ho-152

MAT 6686

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

67-Ho-152



60

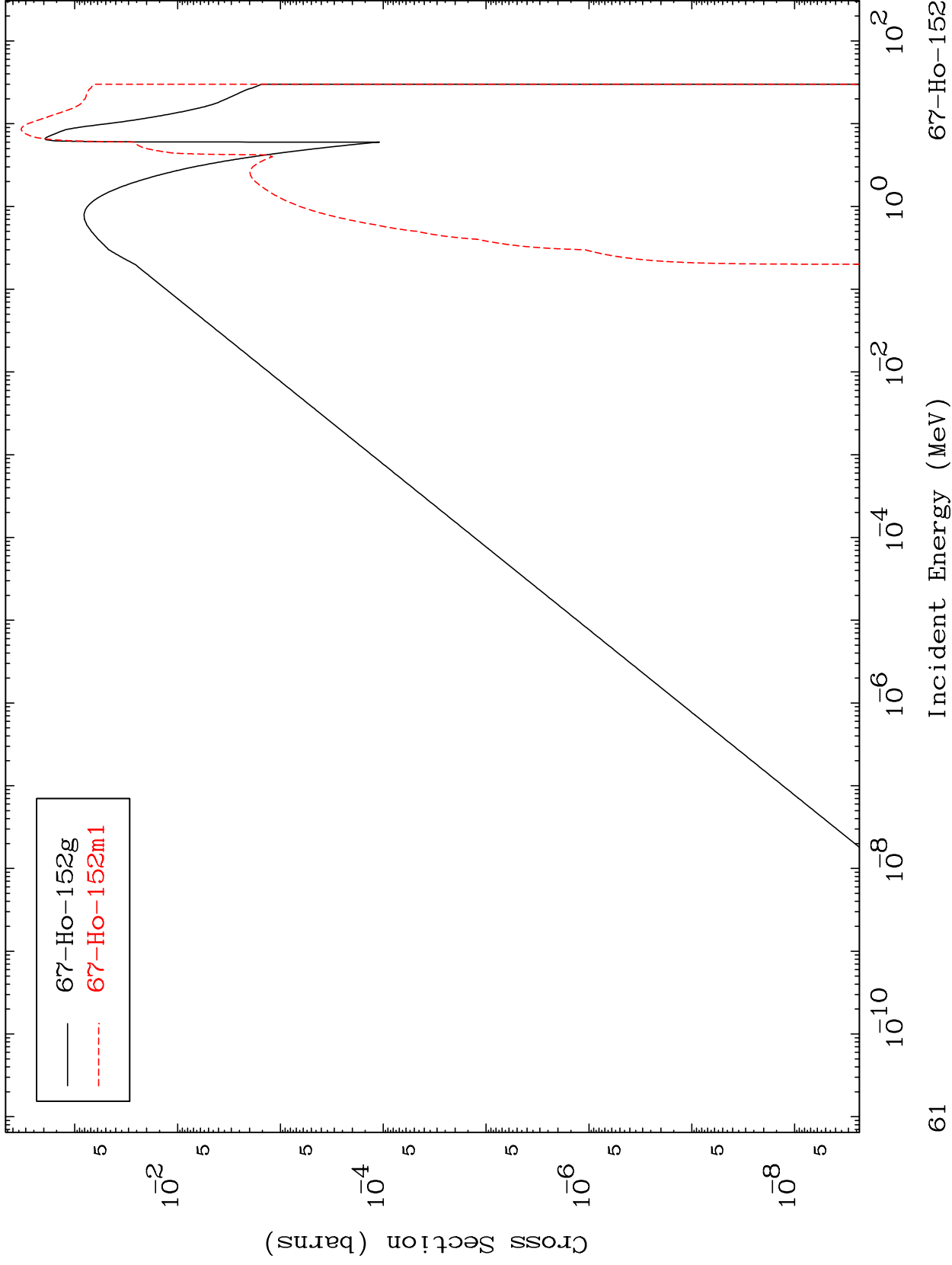
Incident Energy (MeV)

67-Ho-152

MAT 6686

Inelastic
Radionuclide Production Cross Section

⁶⁷Ho-152

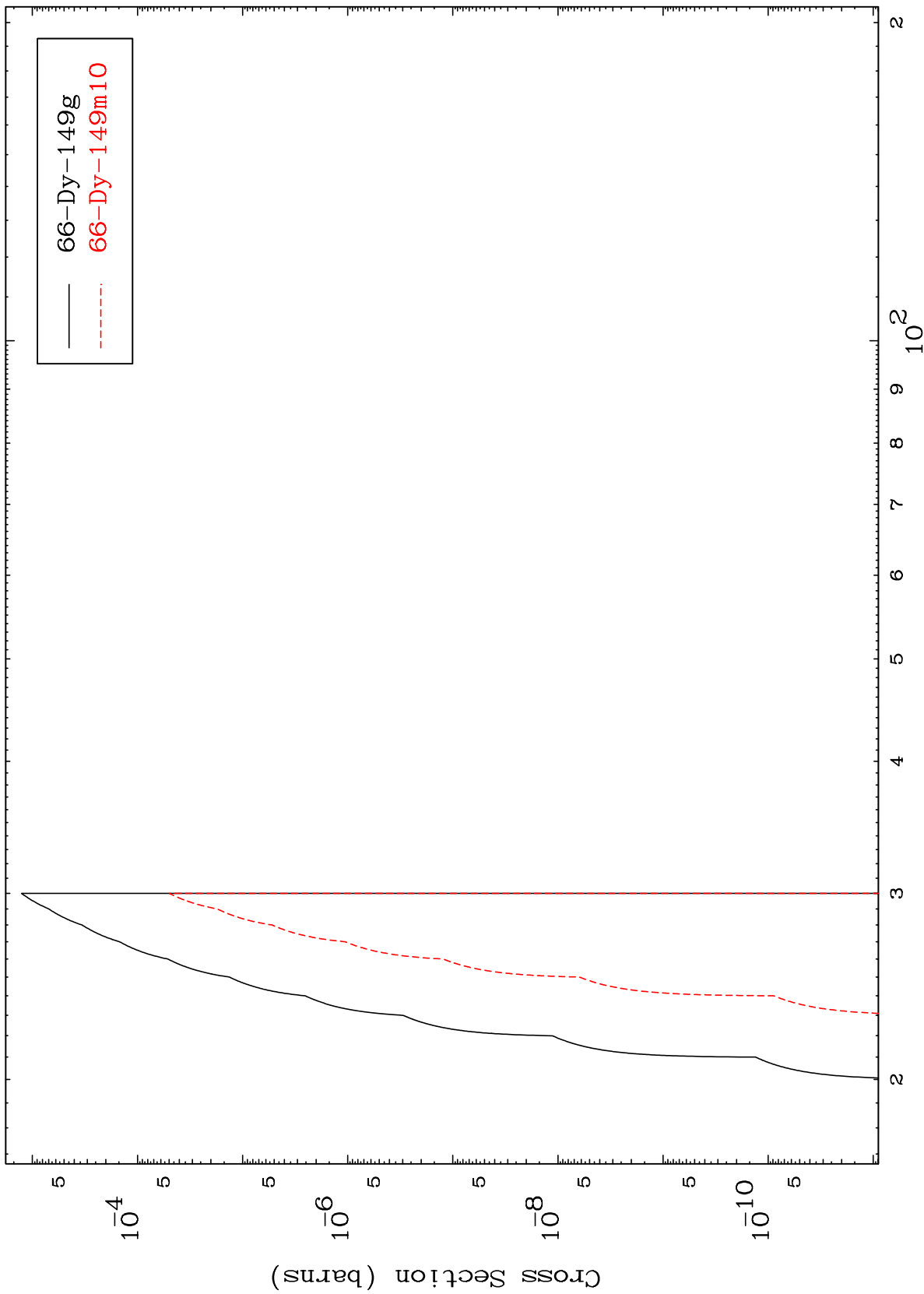


MAT 6686

(n,2n) d

67-Ho-152

Radionuclide Production Cross Section



66-Dy-149g
66-Dy-149m10

62

Incident Energy (MeV)

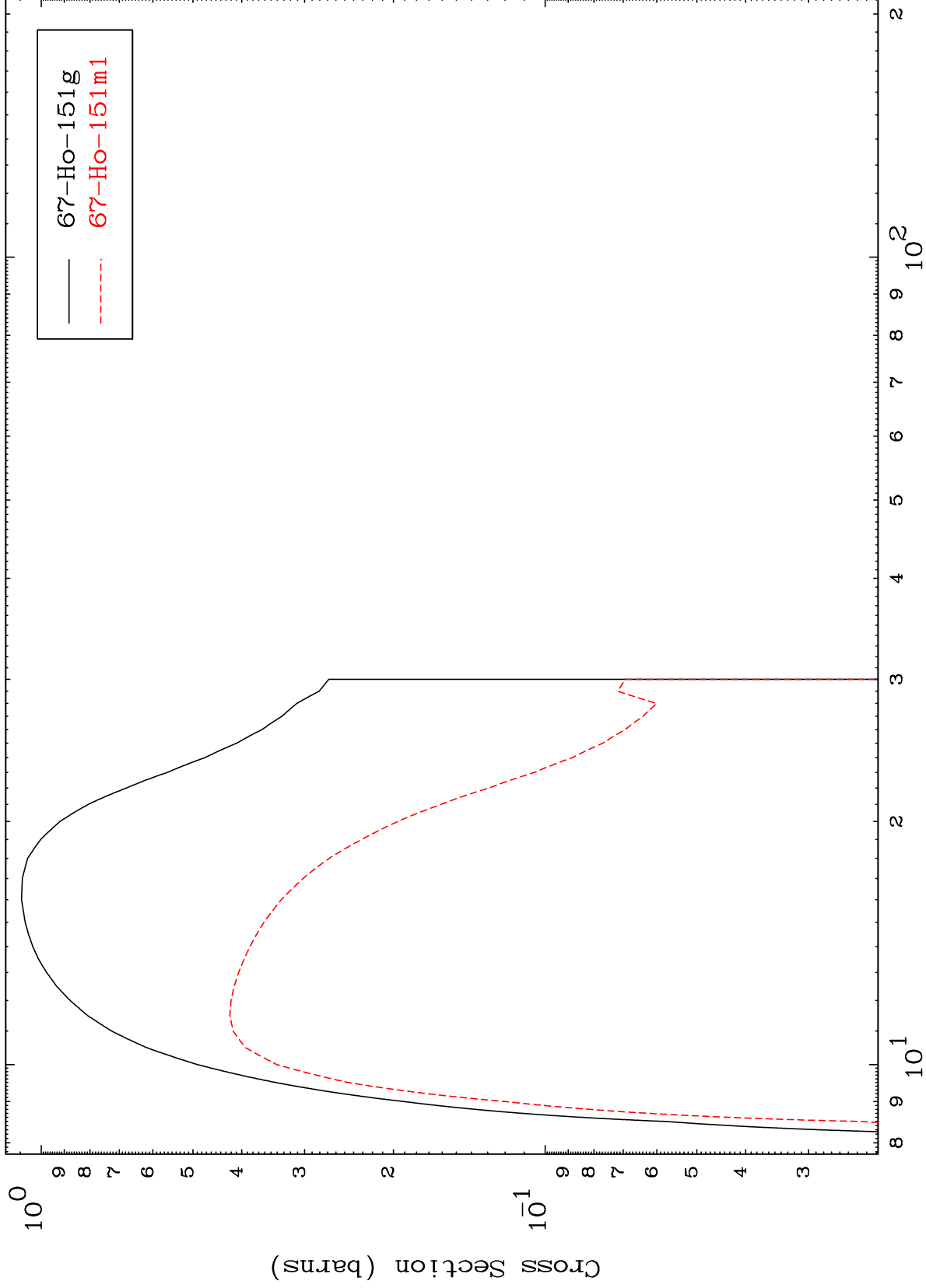
67-Ho-152

MAT 6686

(n,2n)

67-Ho-152

Radionuclide Production Cross Section



63

Incident Energy (MeV)

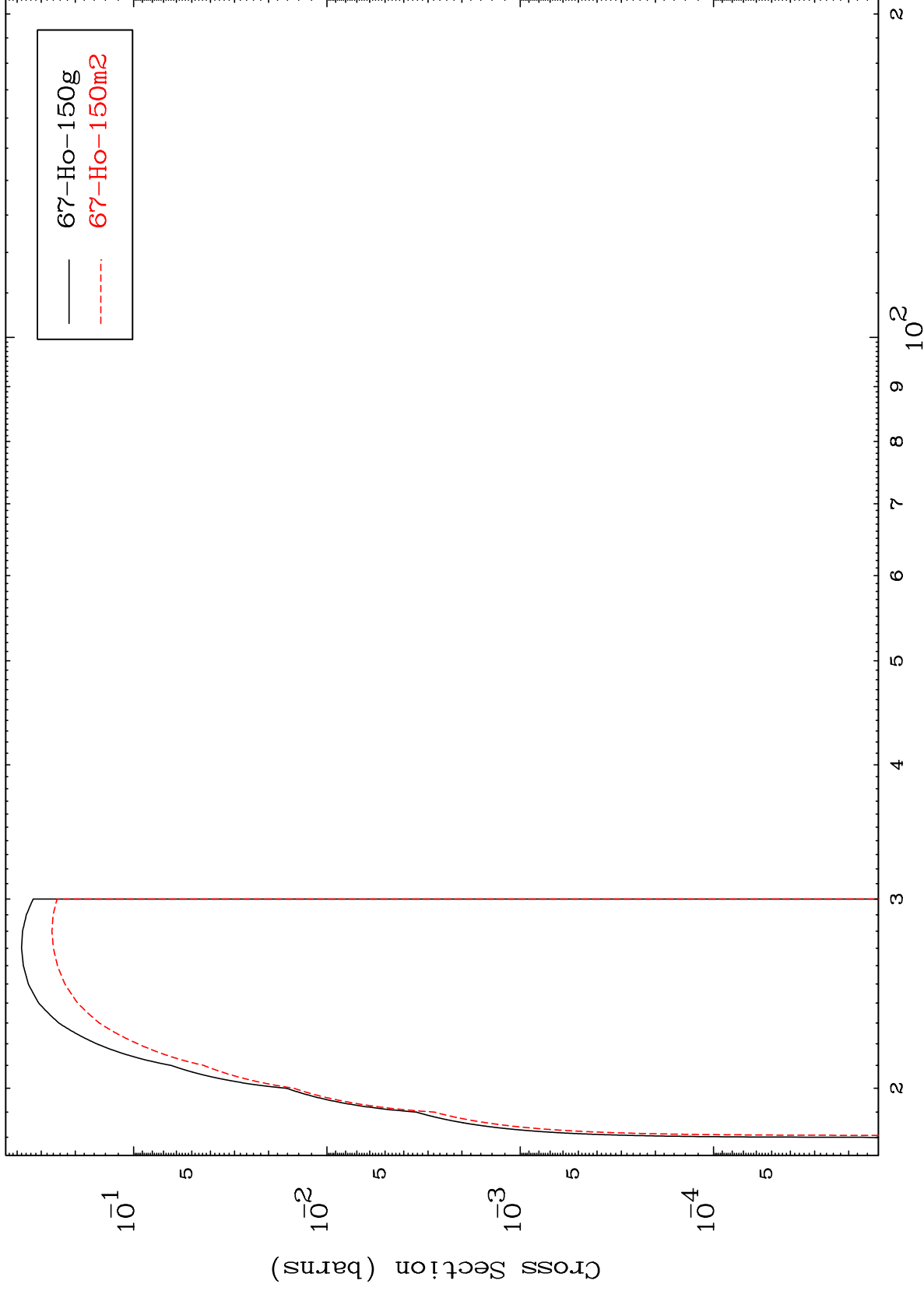
67-Ho-152

MAT 6686

(n,3n)

67-Ho-152

Radionuclide Production Cross Section



64

Incident Energy (MeV)

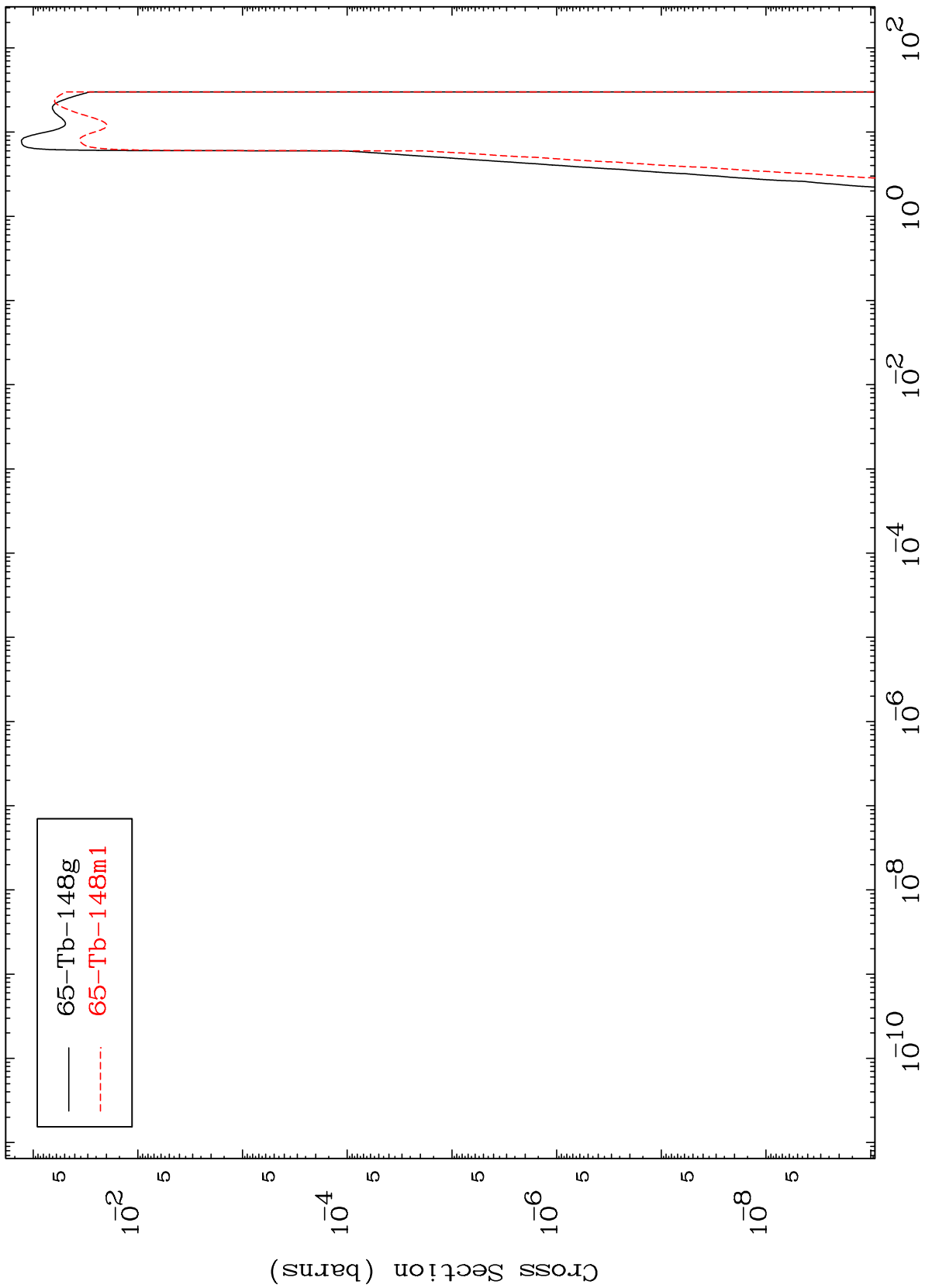
67-Ho-152

MAT 6686

$(n, n') \alpha$

67-Ho-152

Radionuclide Production Cross Section



65

Incident Energy (MeV)

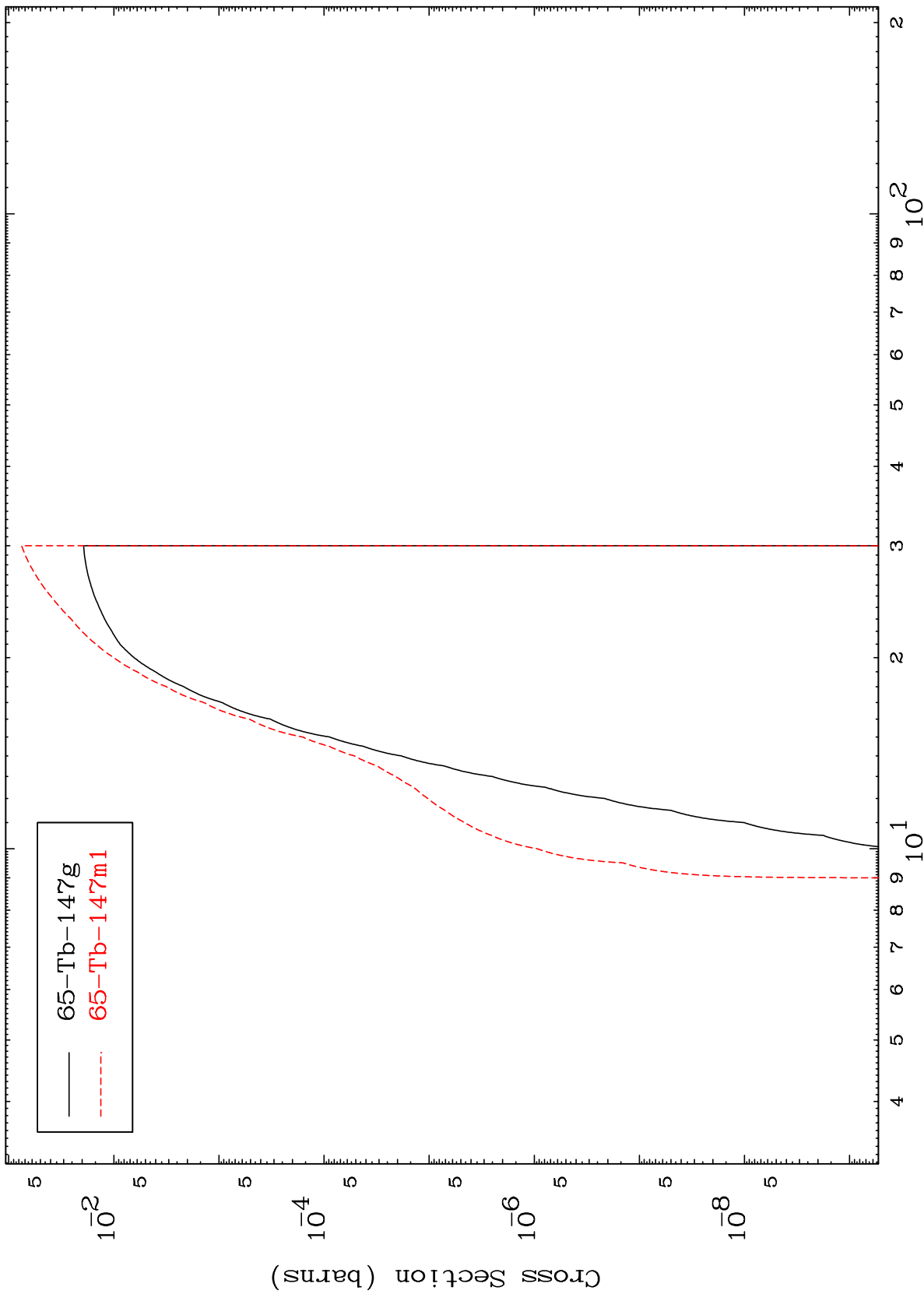
67-Ho-152

MAT 6686

$(n,2n)$ α

67-Ho-152

Radionuclide Production Cross Section



66

Incident Energy (MeV)

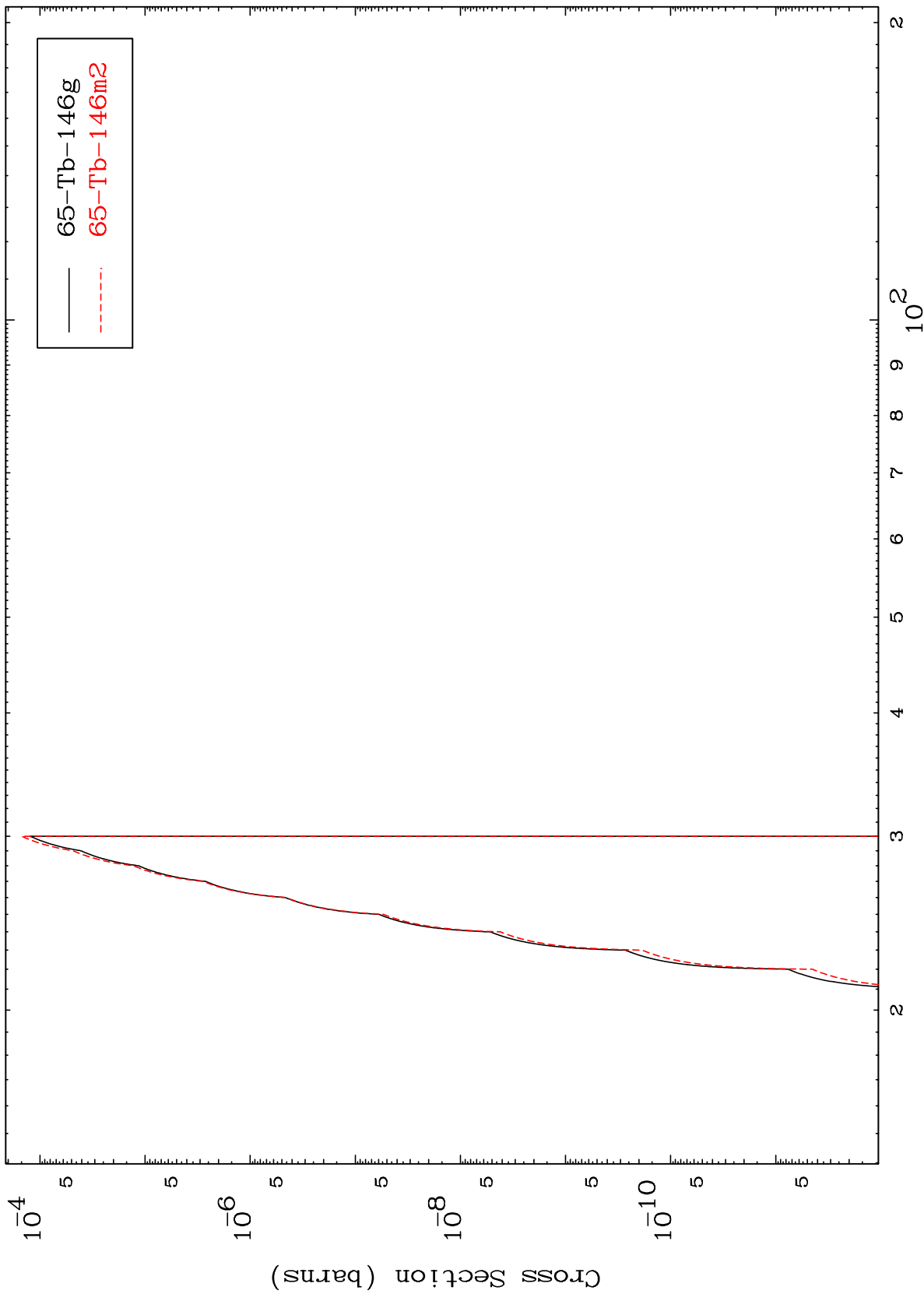
67-Ho-152

MAT 6686

(n,3n) α

67-Ho-152

Radionuclide Production Cross Section



67

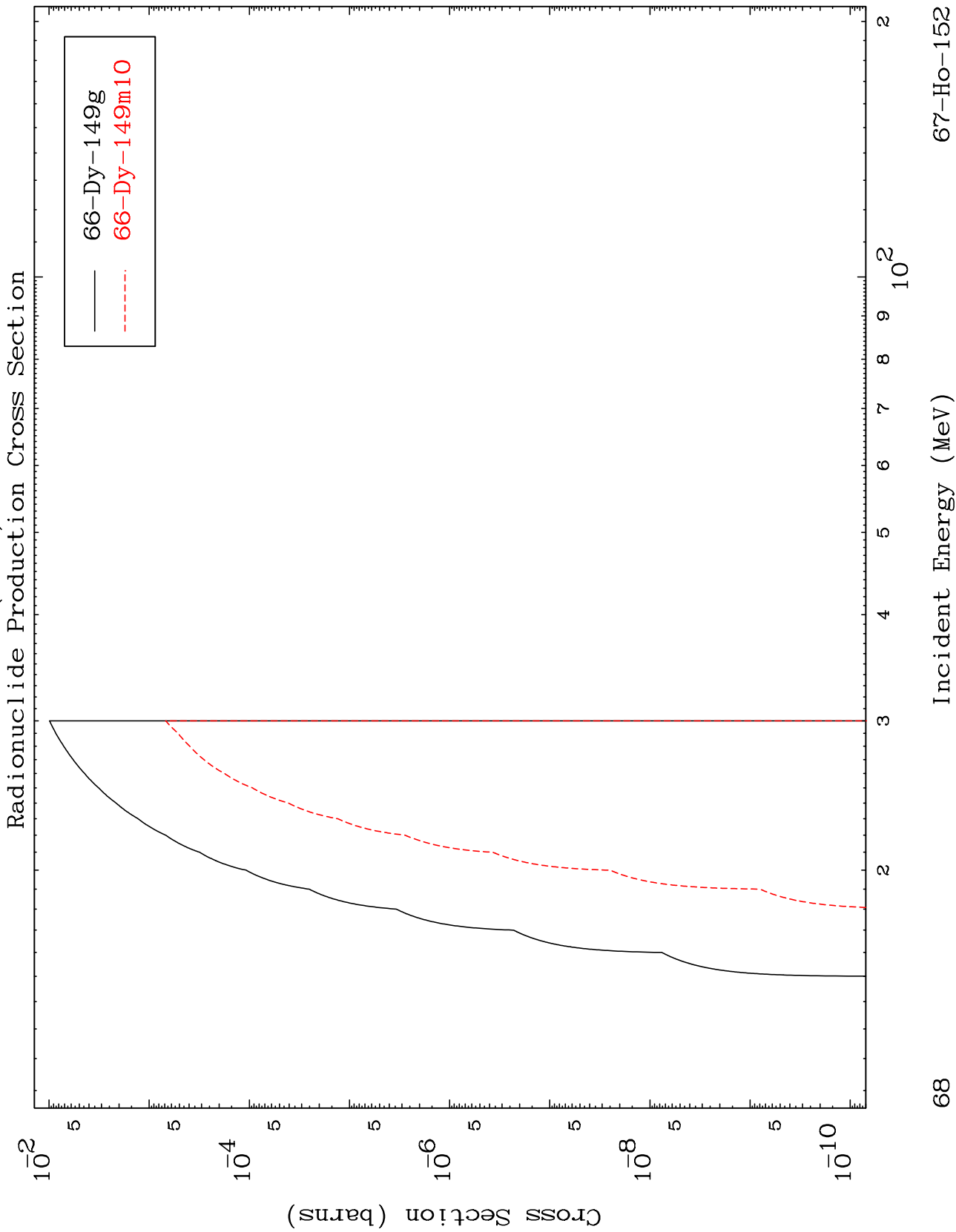
Incident Energy (MeV)

67-Ho-152

MAT 6686

(n,n') t

67-Ho-152



68

Incident Energy (MeV)

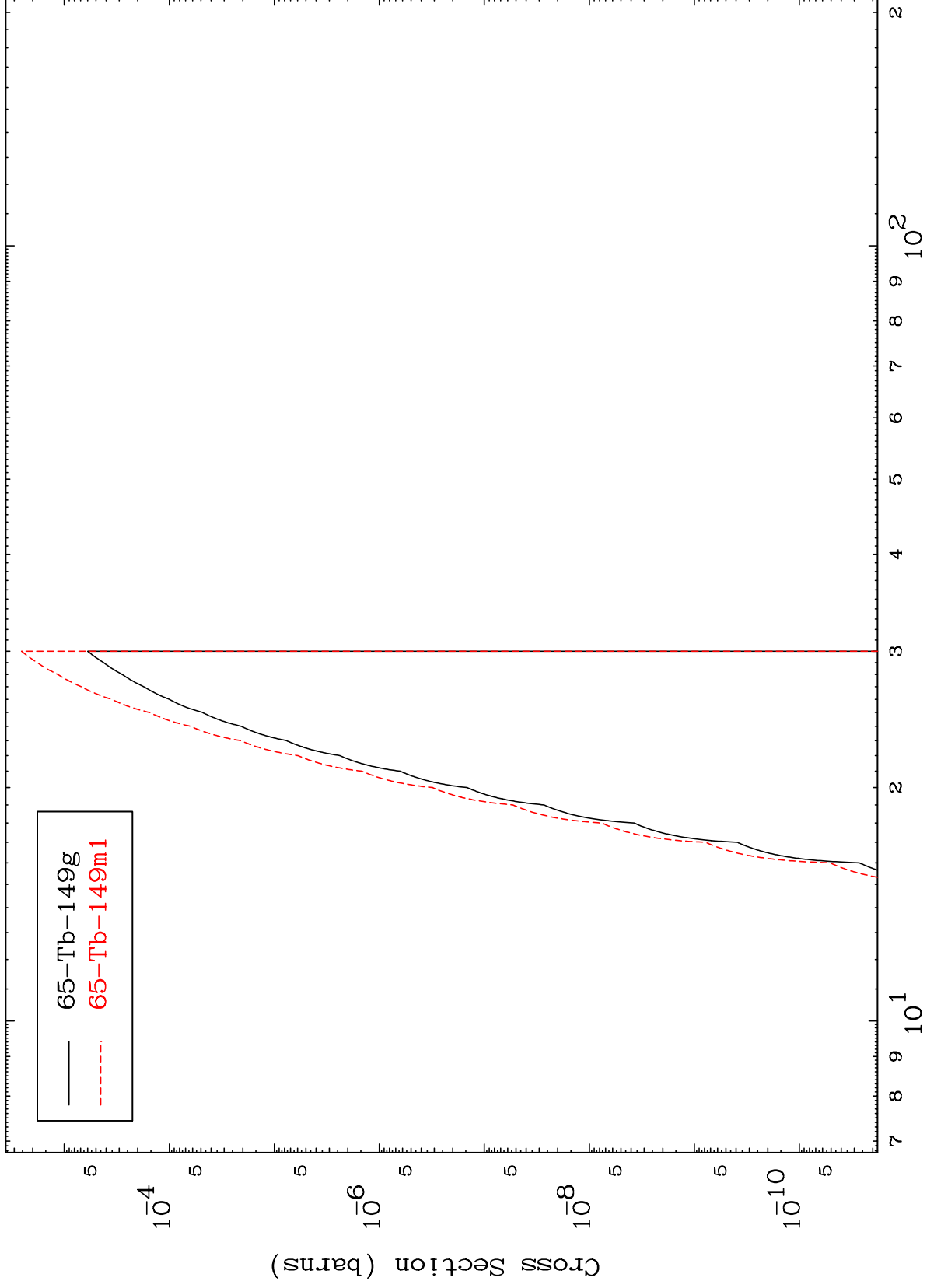
67-Ho-152

MAT 6686

(n,n') He-3

67-Ho-152

Radionuclide Production Cross Section



69

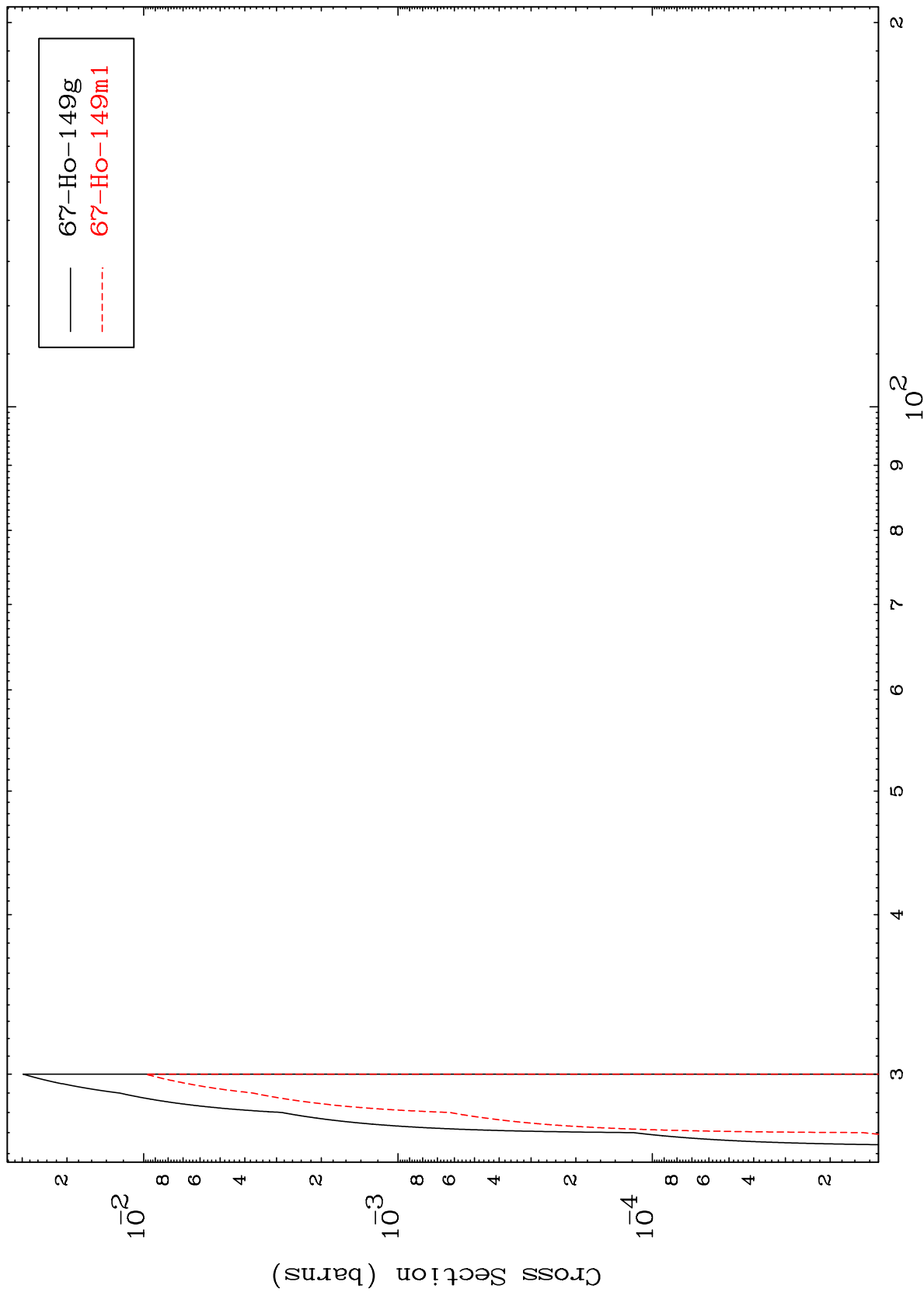
Incident Energy (MeV)

67-Ho-152

MAT 6686

67-Ho-152

(n,4n)
Radionuclide Production Cross Section



70

Incident Energy (MeV)

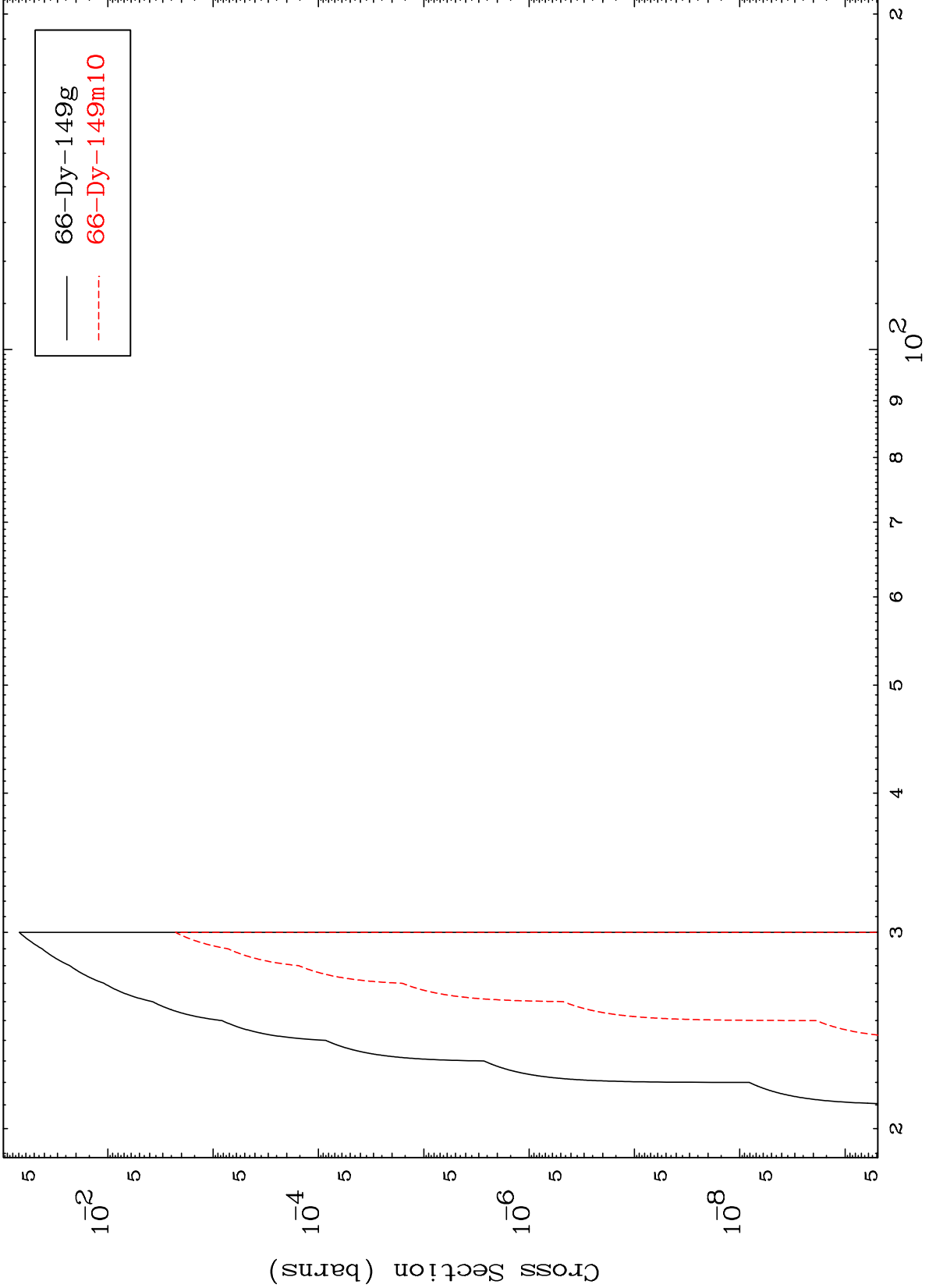
67-Ho-152

MAT 6686

(n,3n) p

67-Ho-152

Radionuclide Production Cross Section



71

Incident Energy (MeV)

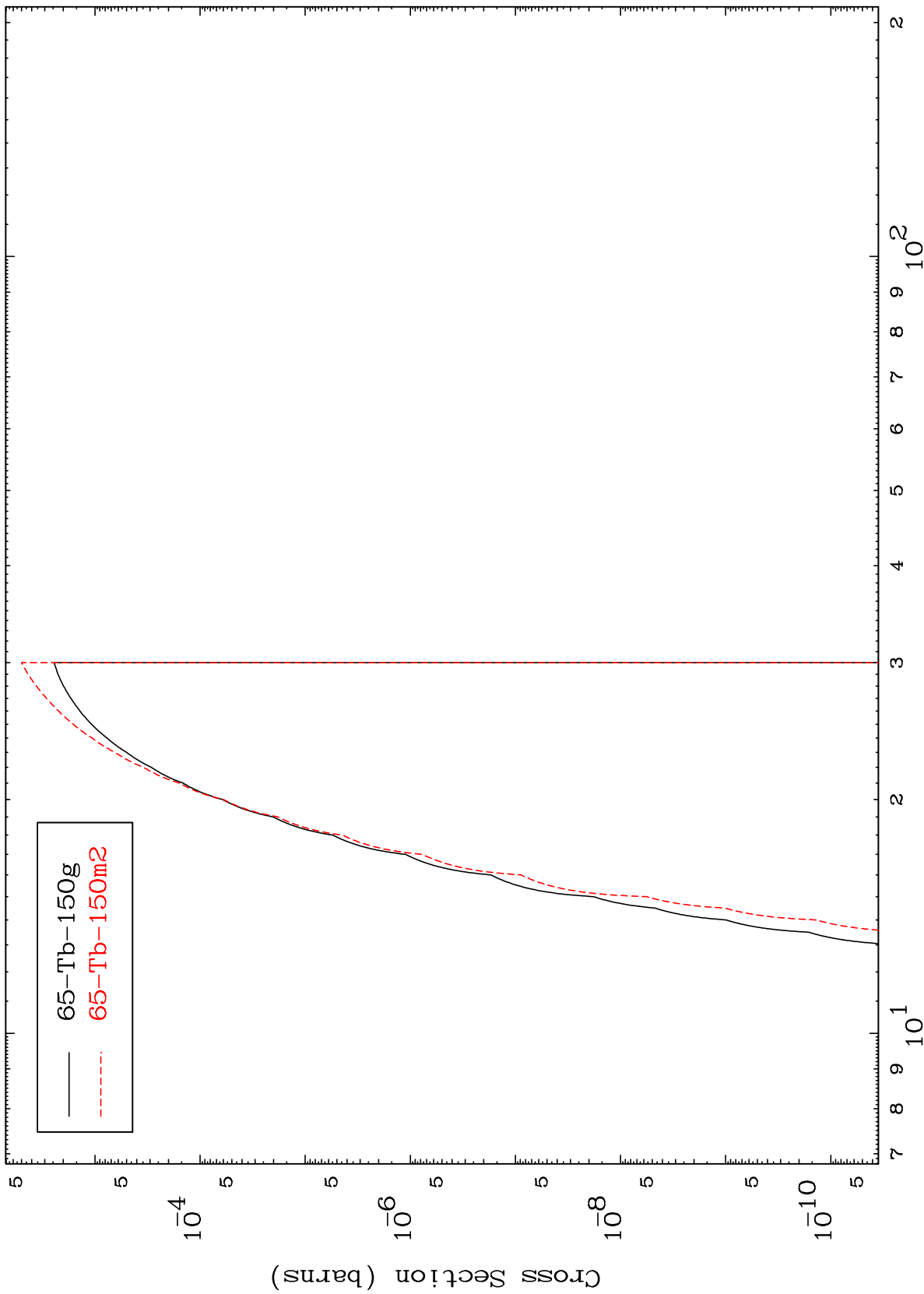
67-Ho-152

MAT 6686

(n,2n) p

67-Ho-152

Radionuclide Production Cross Section



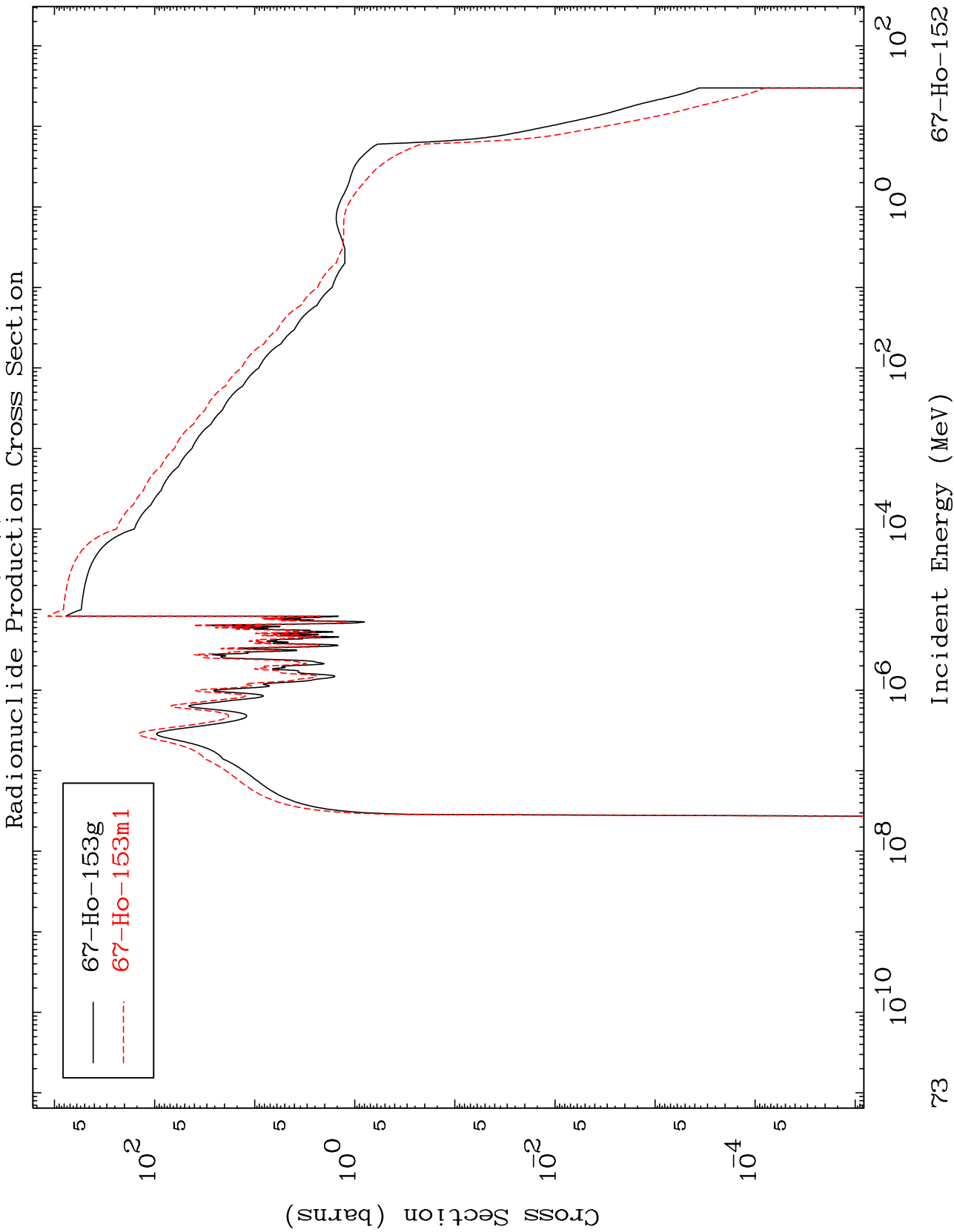
72

Incident Energy (MeV)

67-Ho-152

MAT 6686

67-Ho-152

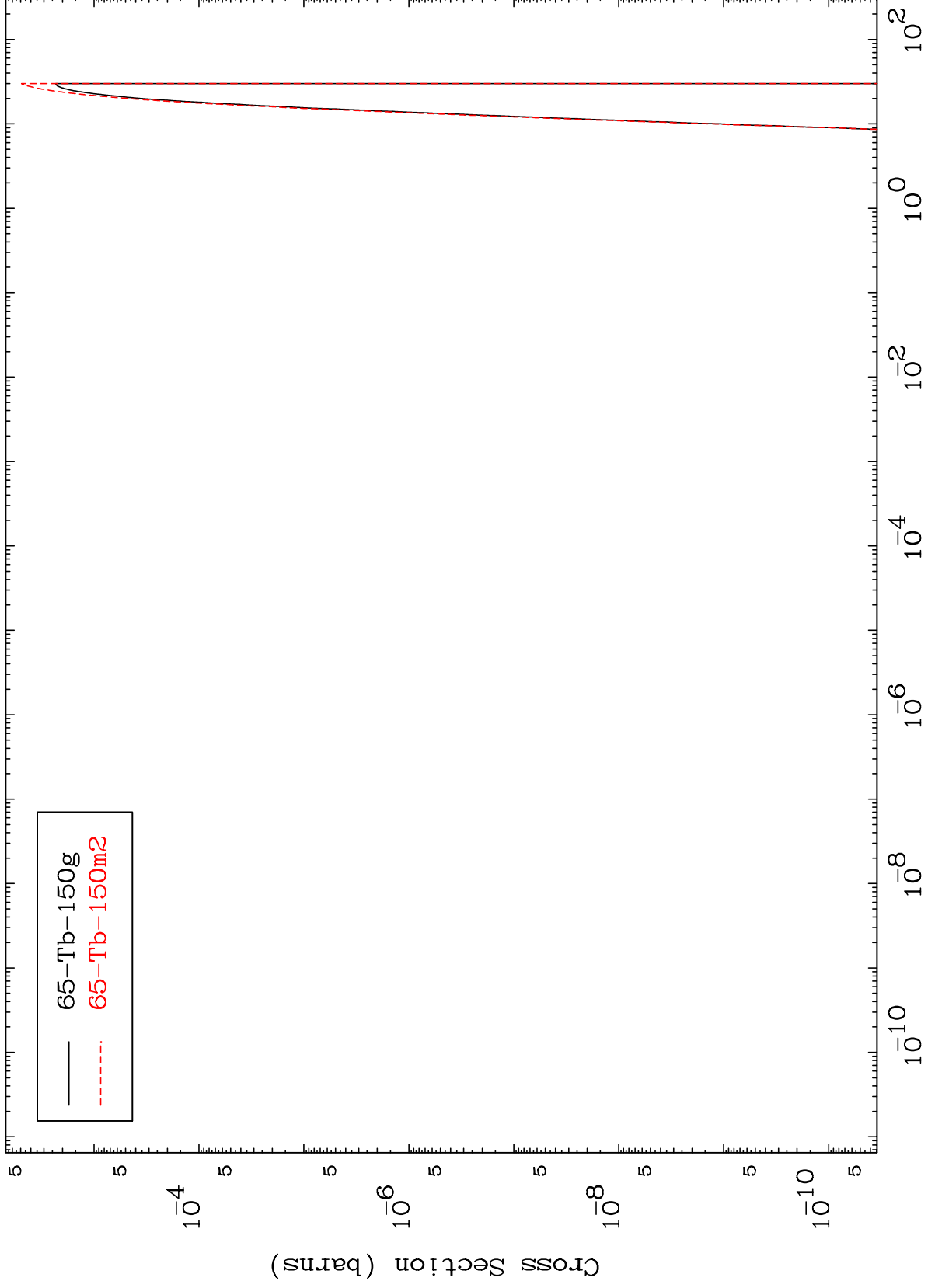


MAT 6686

(n,He-3)

67-Ho-152

Radionuclide Production Cross Section



74

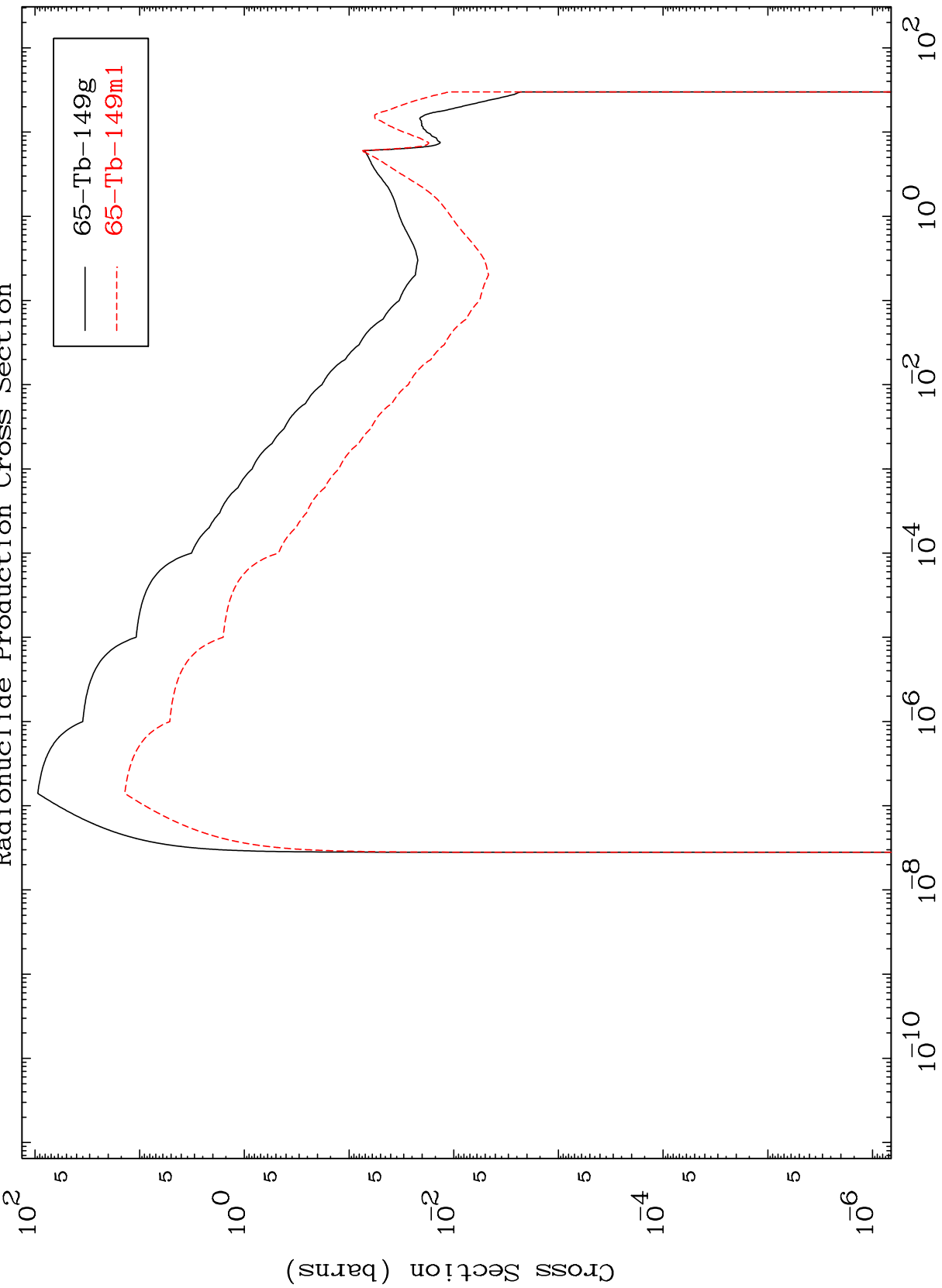
Incident Energy (MeV)

67-Ho-152

MAT 6686

67-Ho-152

(n, α)
Radionuclide Production Cross Section



75

Incident Energy (MeV)

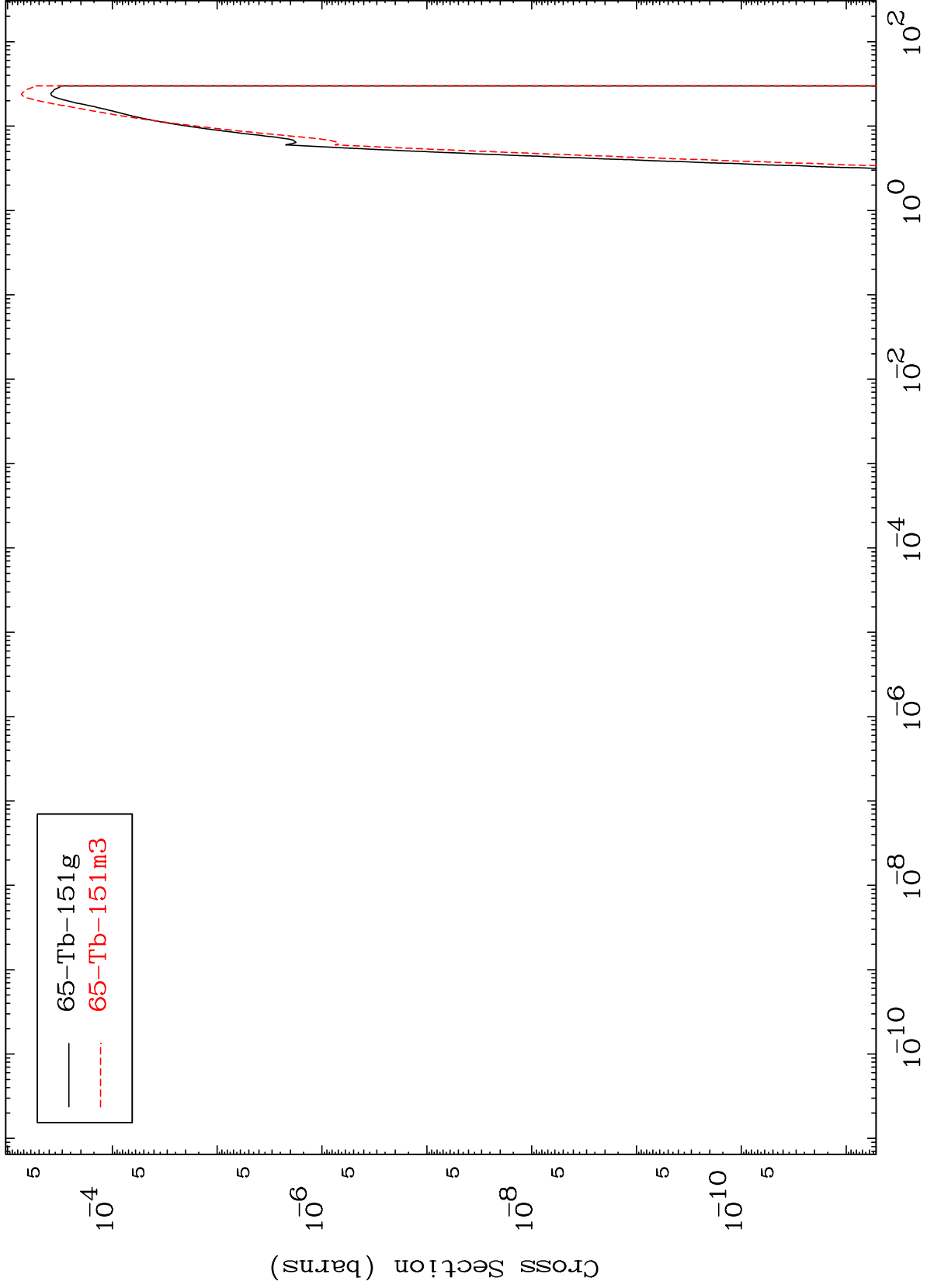
67-Ho-152

MAT 6686

(n,2p)

67-Ho-152

Radionuclide Production Cross Section



76

Incident Energy (MeV)

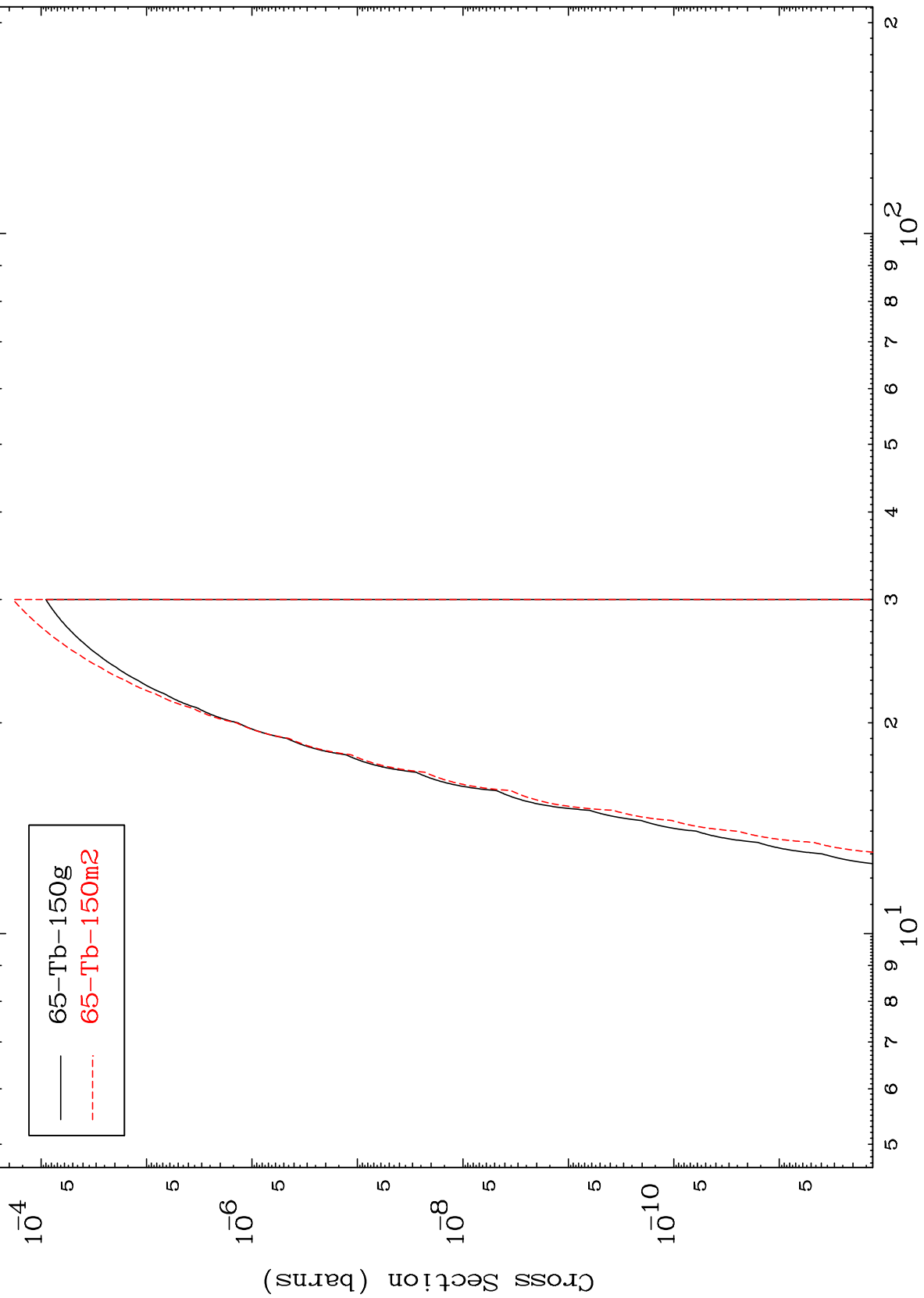
67-Ho-152

MAT 6686

(n,p) d

67-Ho-152

Radionuclide Production Cross Section



77

Incident Energy (MeV)

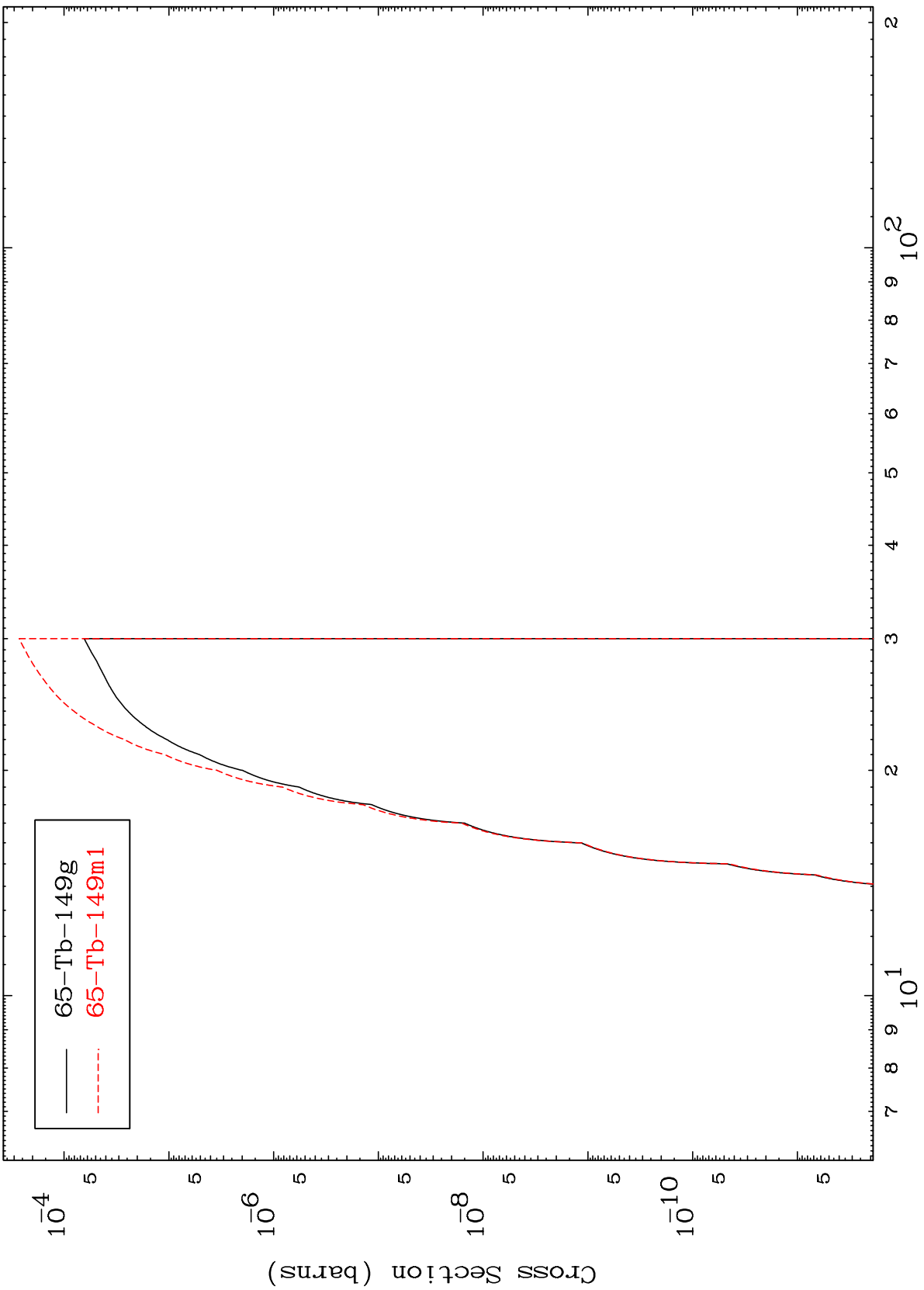
67-Ho-152

MAT 6686

(n,p) t

67-Ho-152

Radionuclide Production Cross Section



78

Incident Energy (MeV)

67-Ho-152