

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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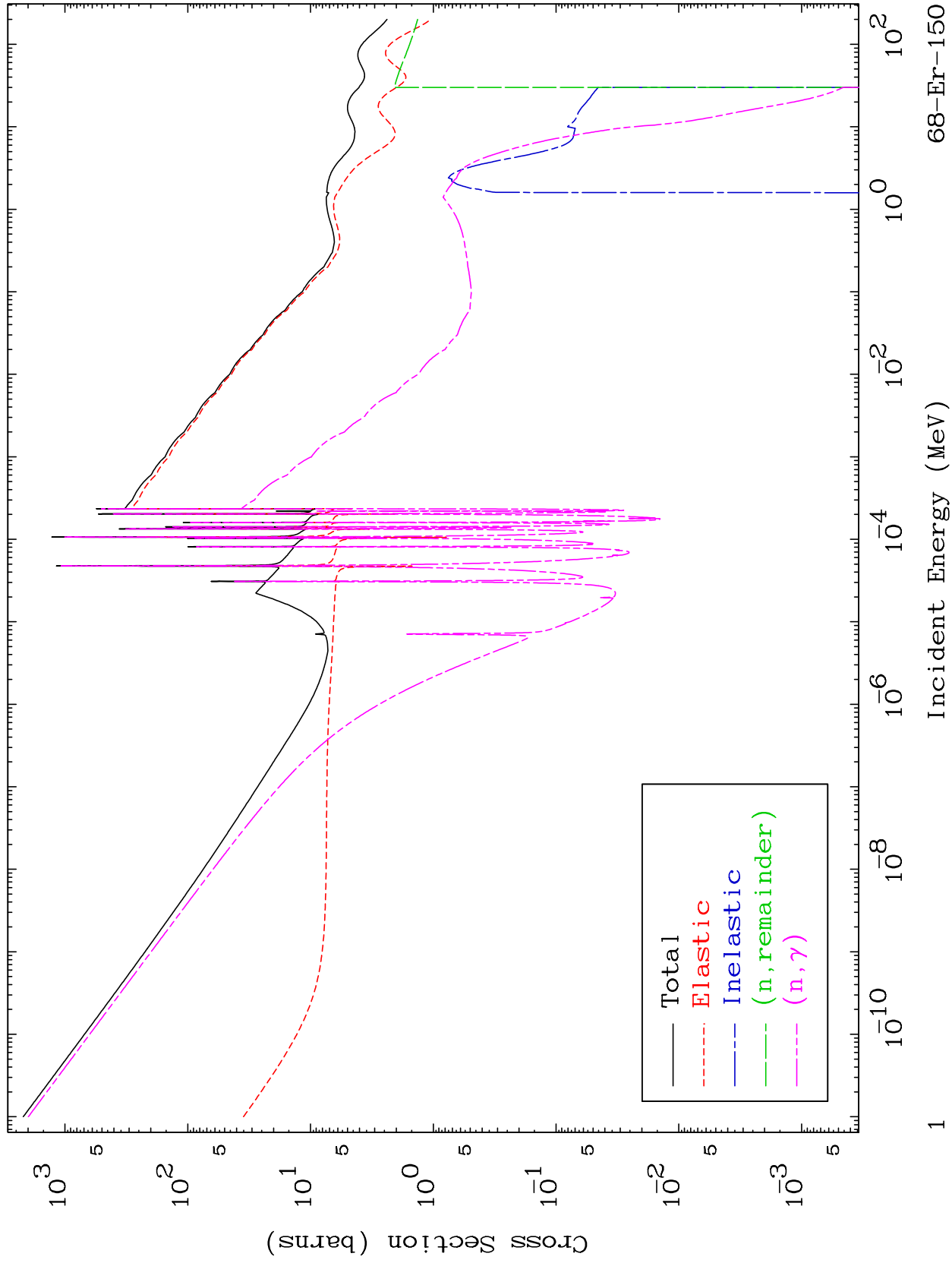
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6789

Major
293 Kelvin Cross Sections

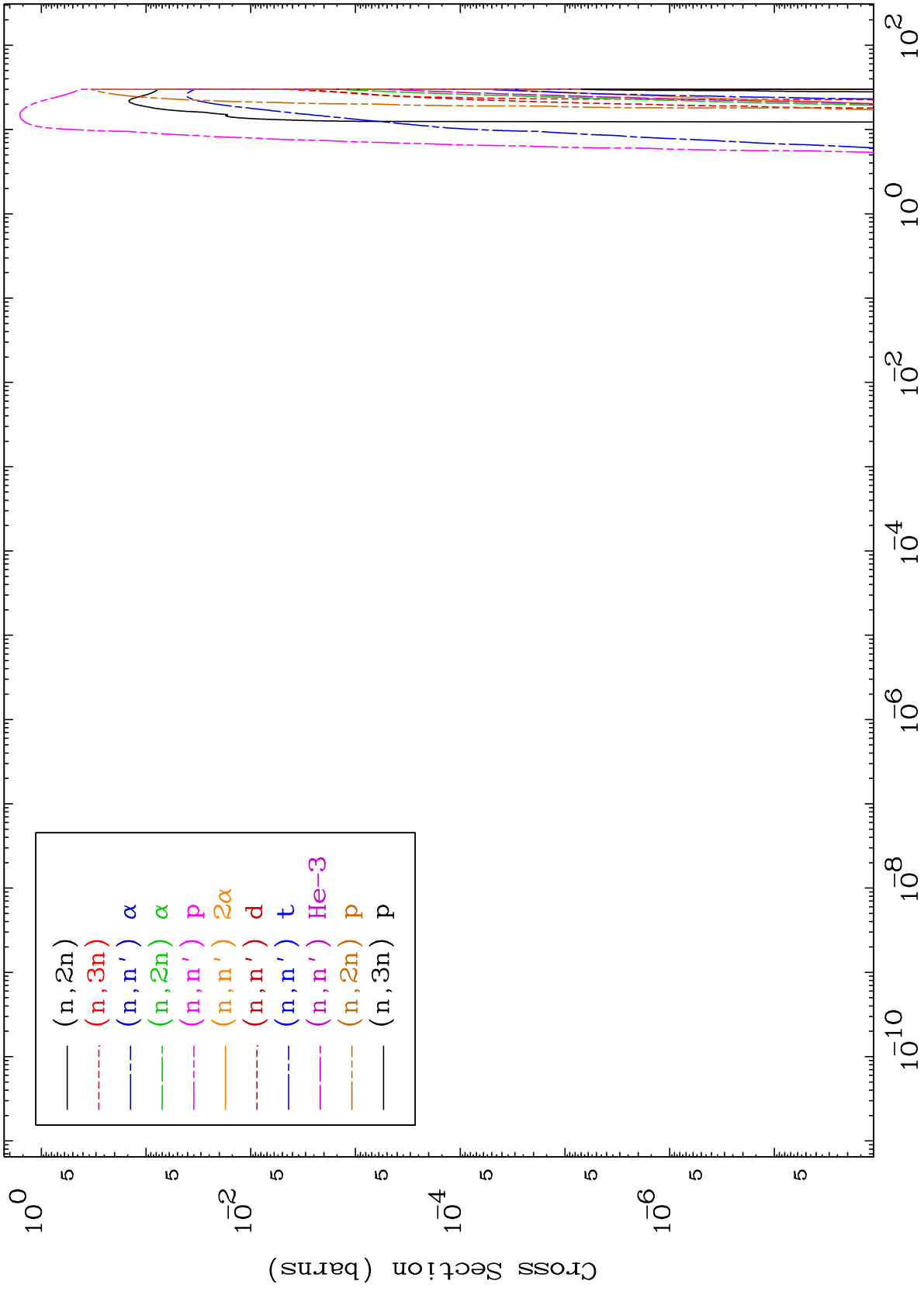
68-Er-150



MAT 6789

Neutron Production
293 Kelvin Cross Sections

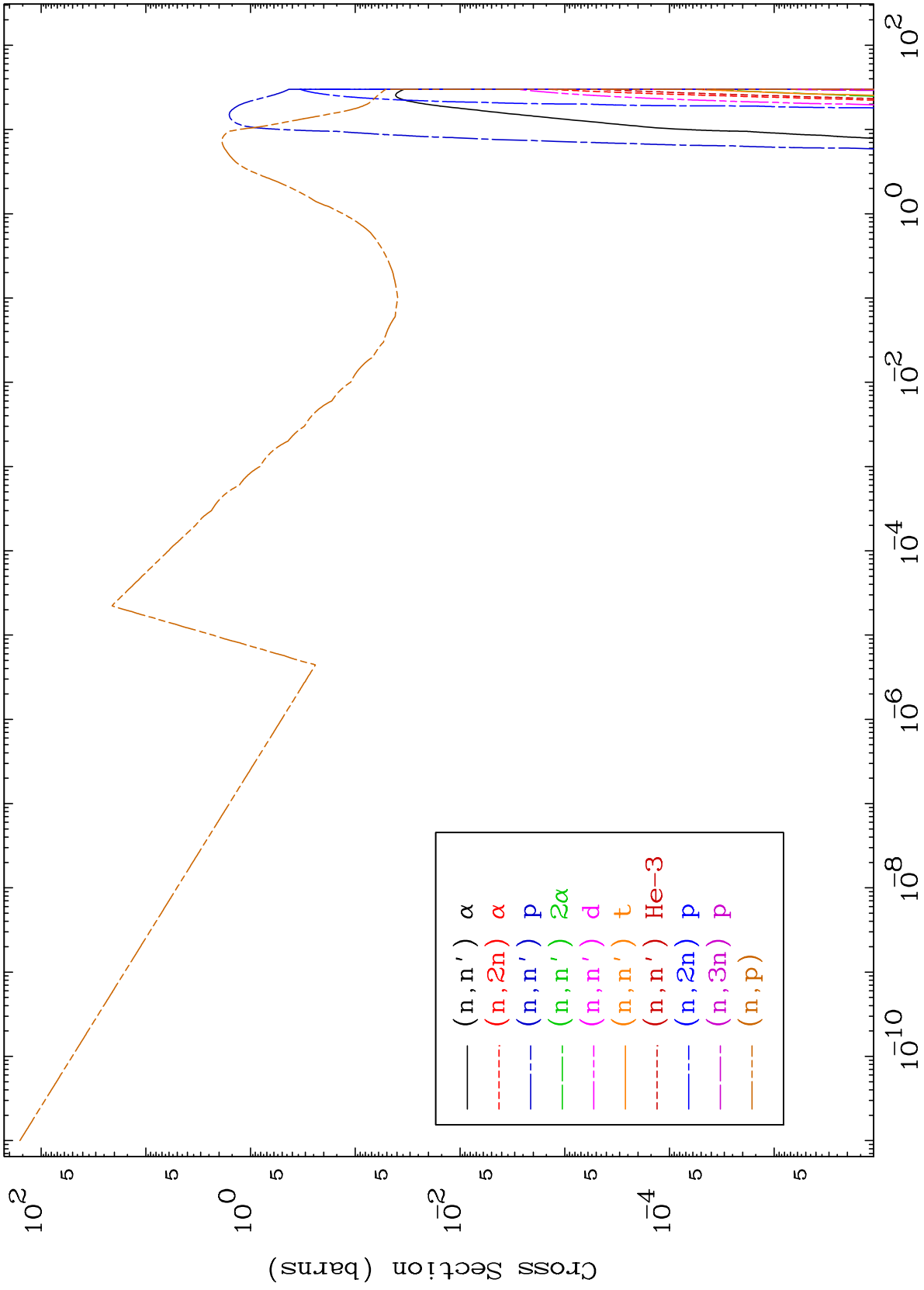
68-Er-150



MAT 6789

Charged Particle
293 Kelvin Cross Sections

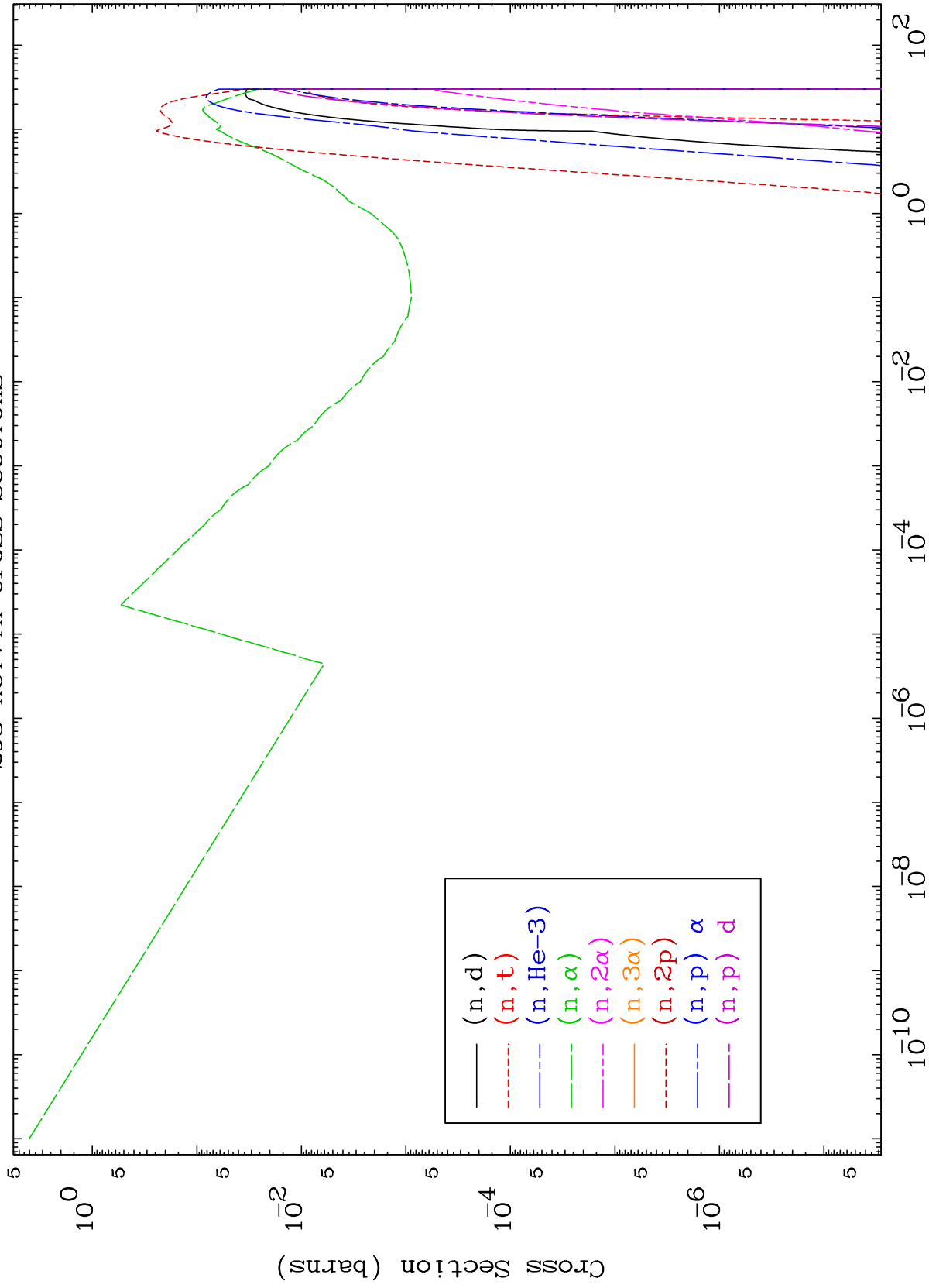
68-Er-150



MAT 6789

Charged Particle
293 Kelvin Cross Sections

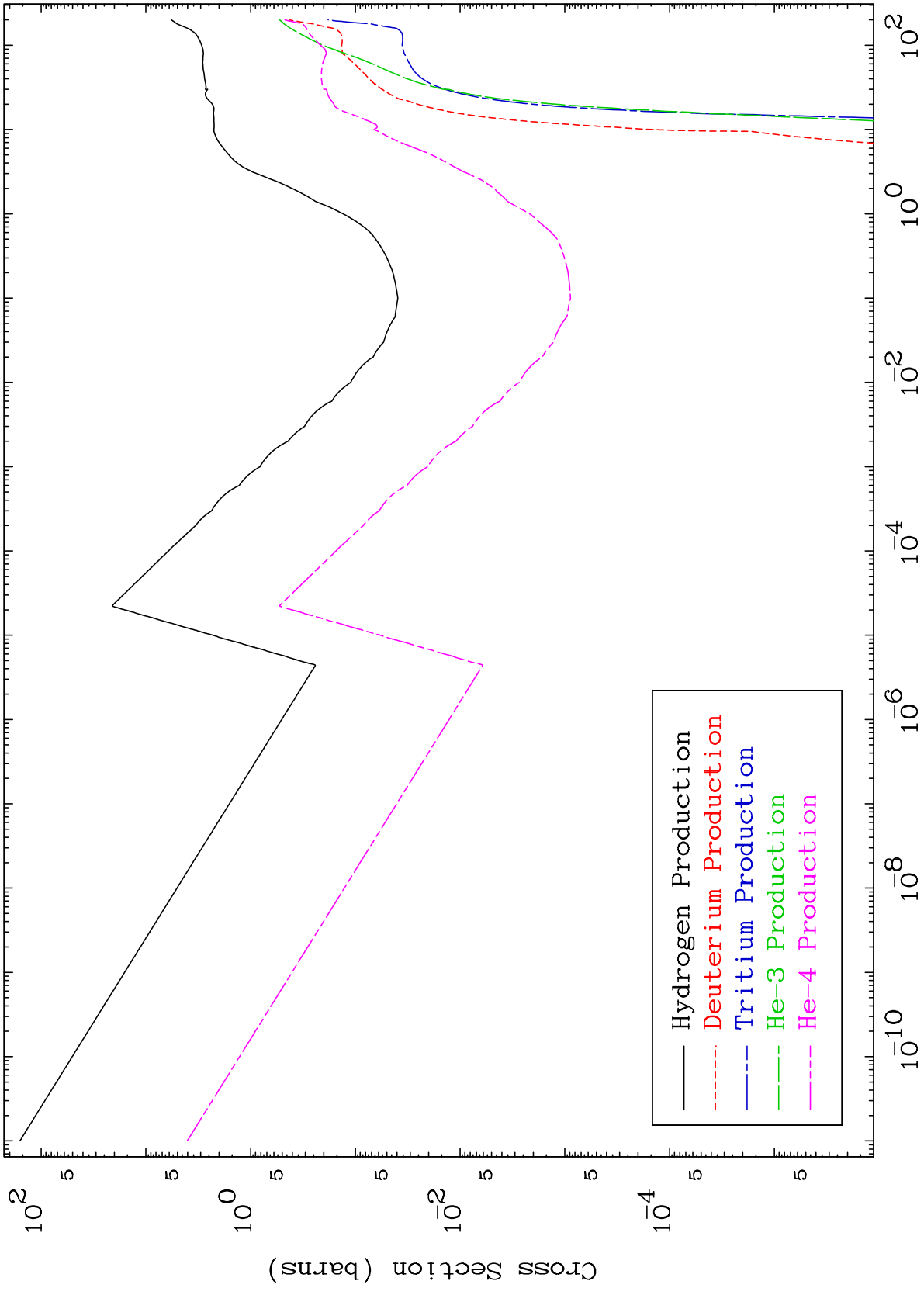
68-Er-150



MAT 6789

Particle Production
293 Kelvin Cross Sections

68-Er-150

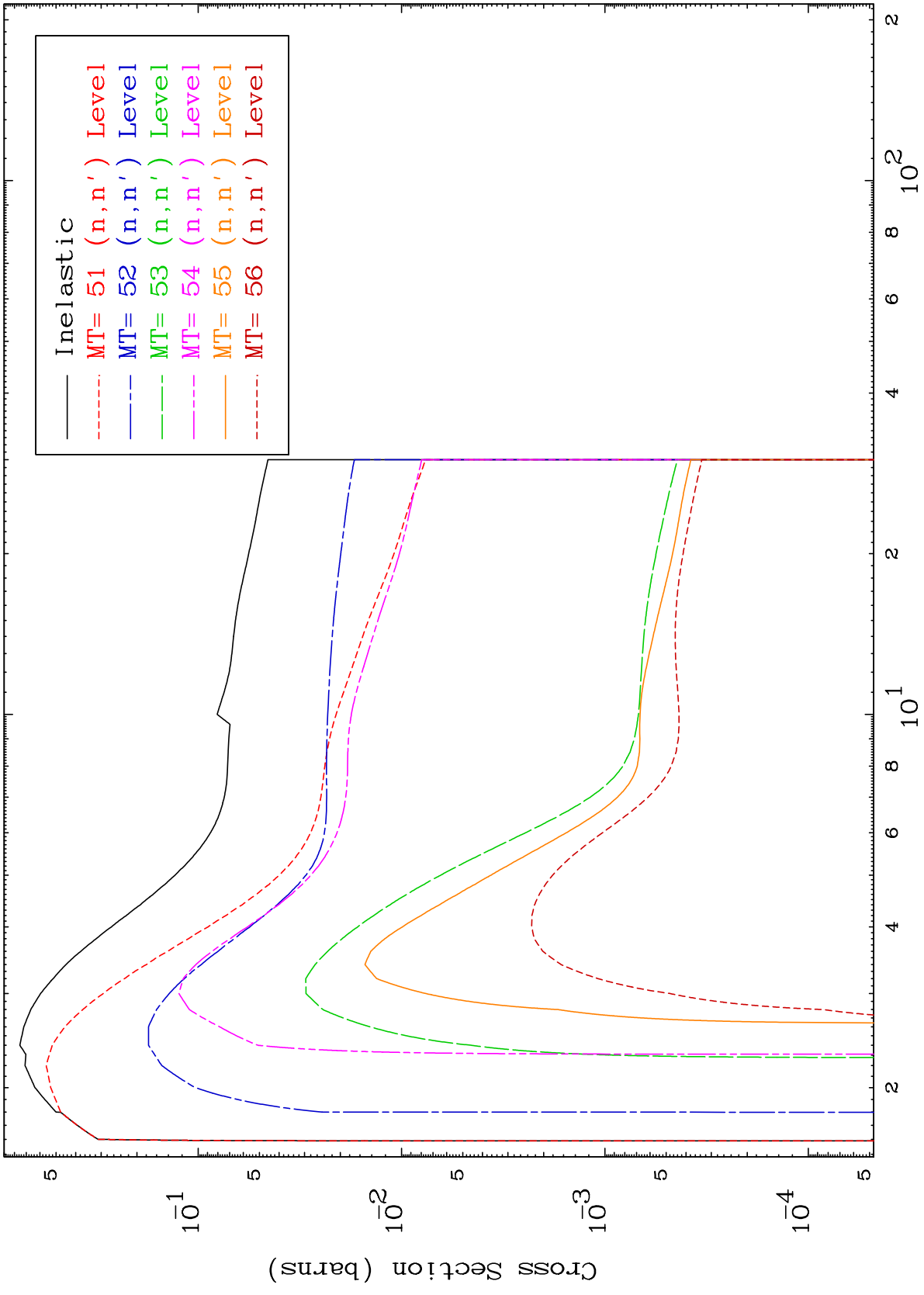


MAT 6789

(n,n') Level

68-Er-150

293 Kelvin Cross Sections



6

Incident Energy (MeV)

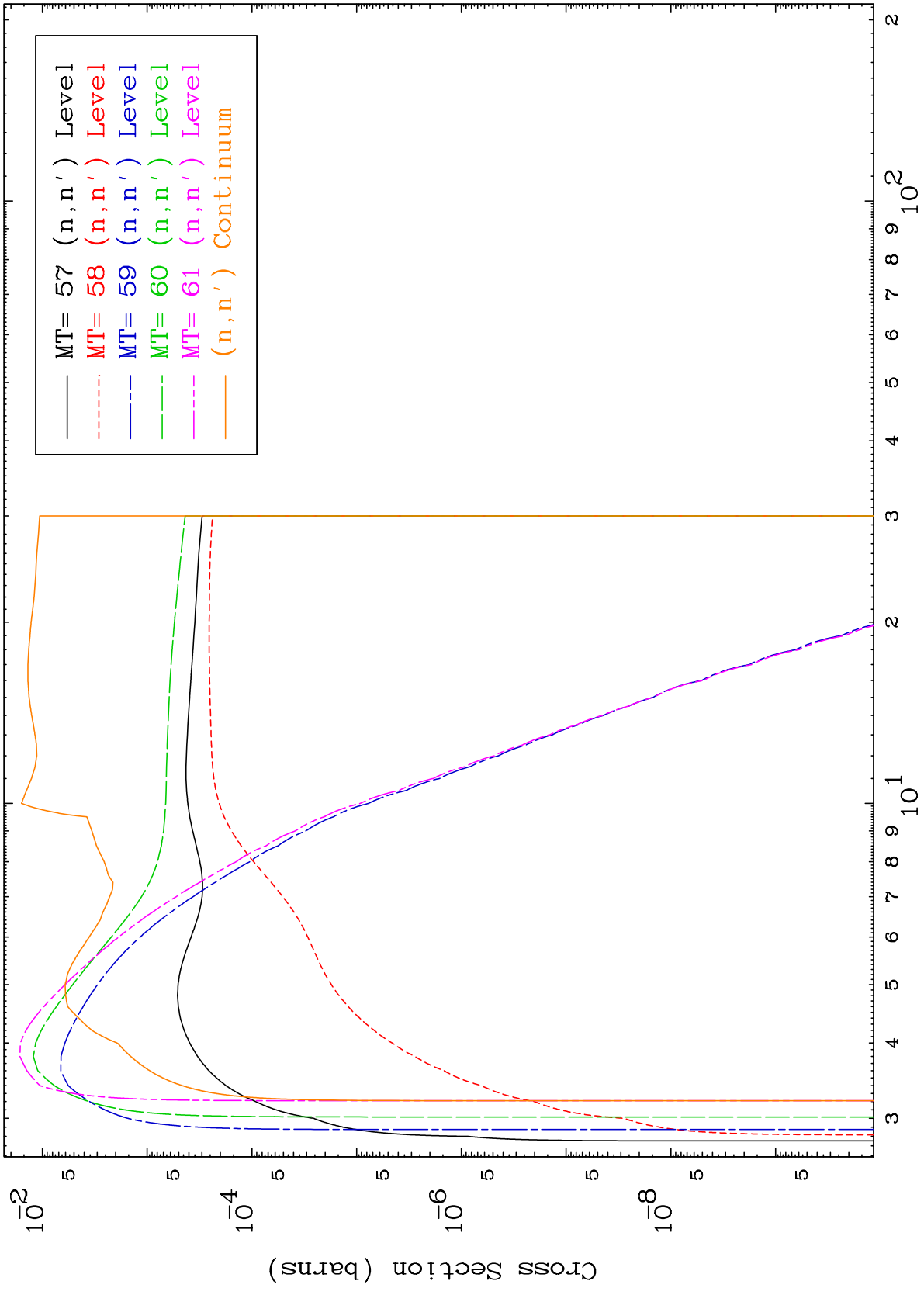
68-Er-150

MAT 6789

(n,n') Level

68-Er-150

293 Kelvin Cross Sections



7

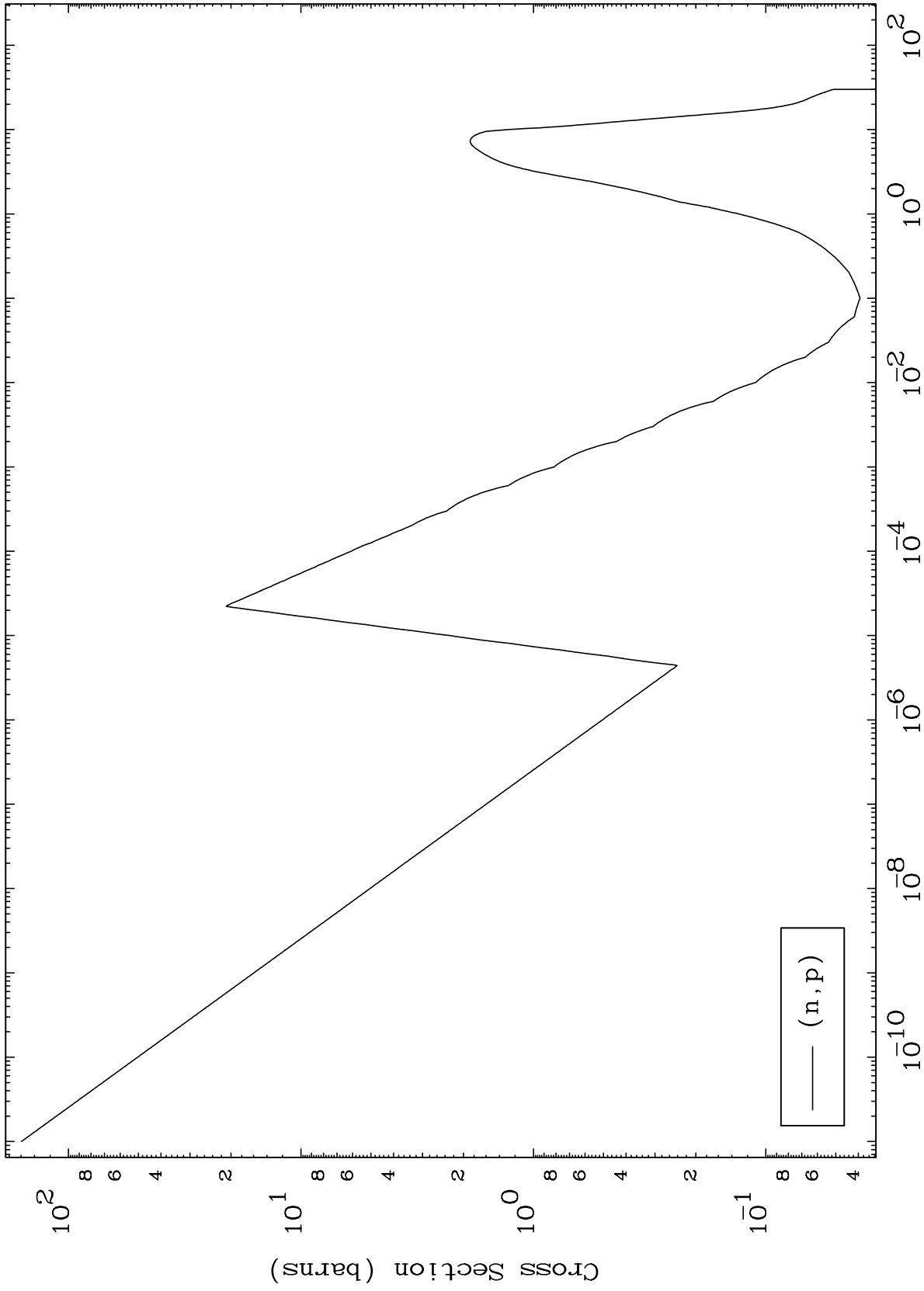
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,p) Levels
293 Kelvin Cross Sections

68-Er-150



8

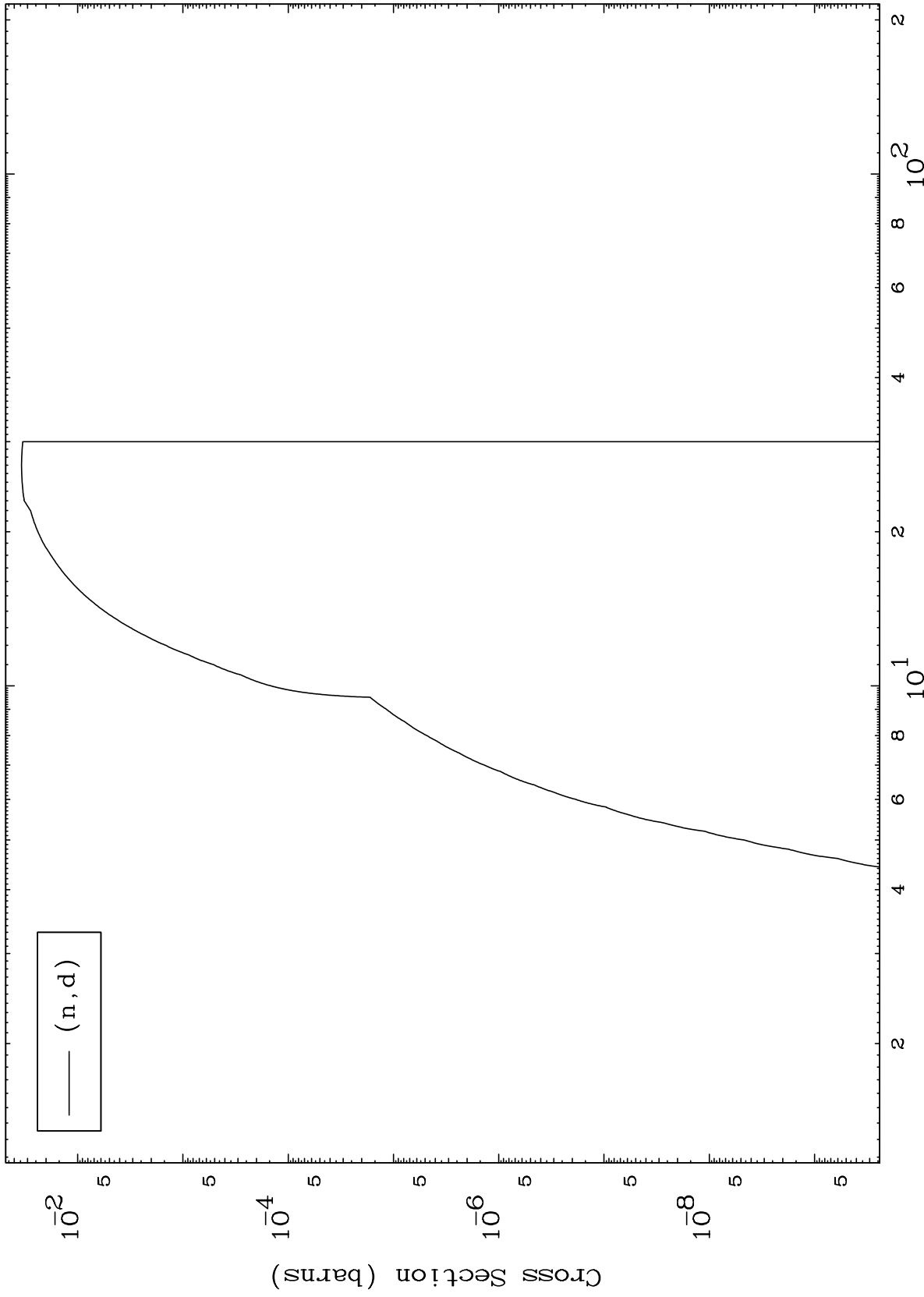
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,d) Levels
293 Kelvin Cross Sections

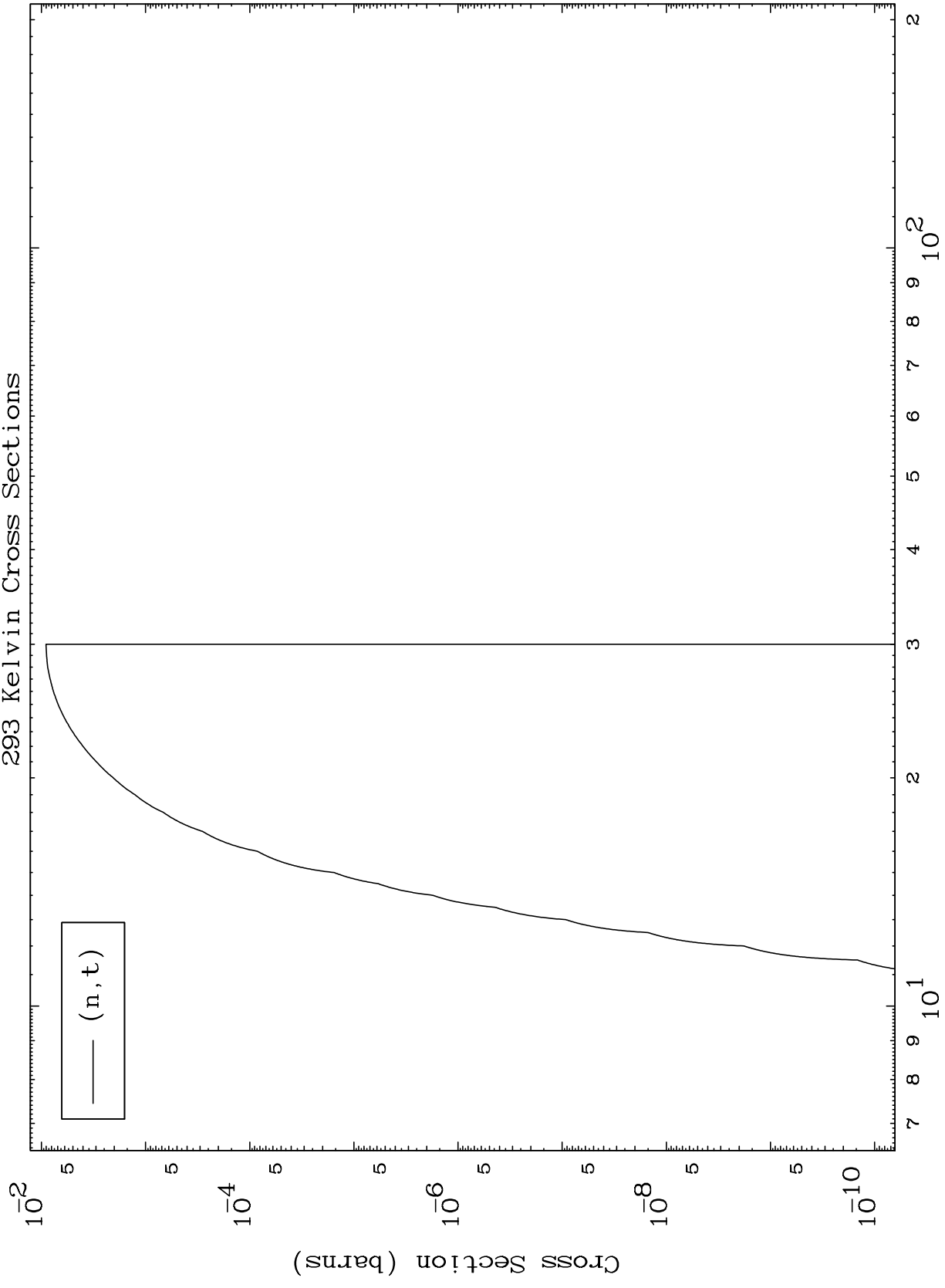
68-Er-150



MAT 6789

(n,t) Levels
293 Kelvin Cross Sections

68-Er-150



10

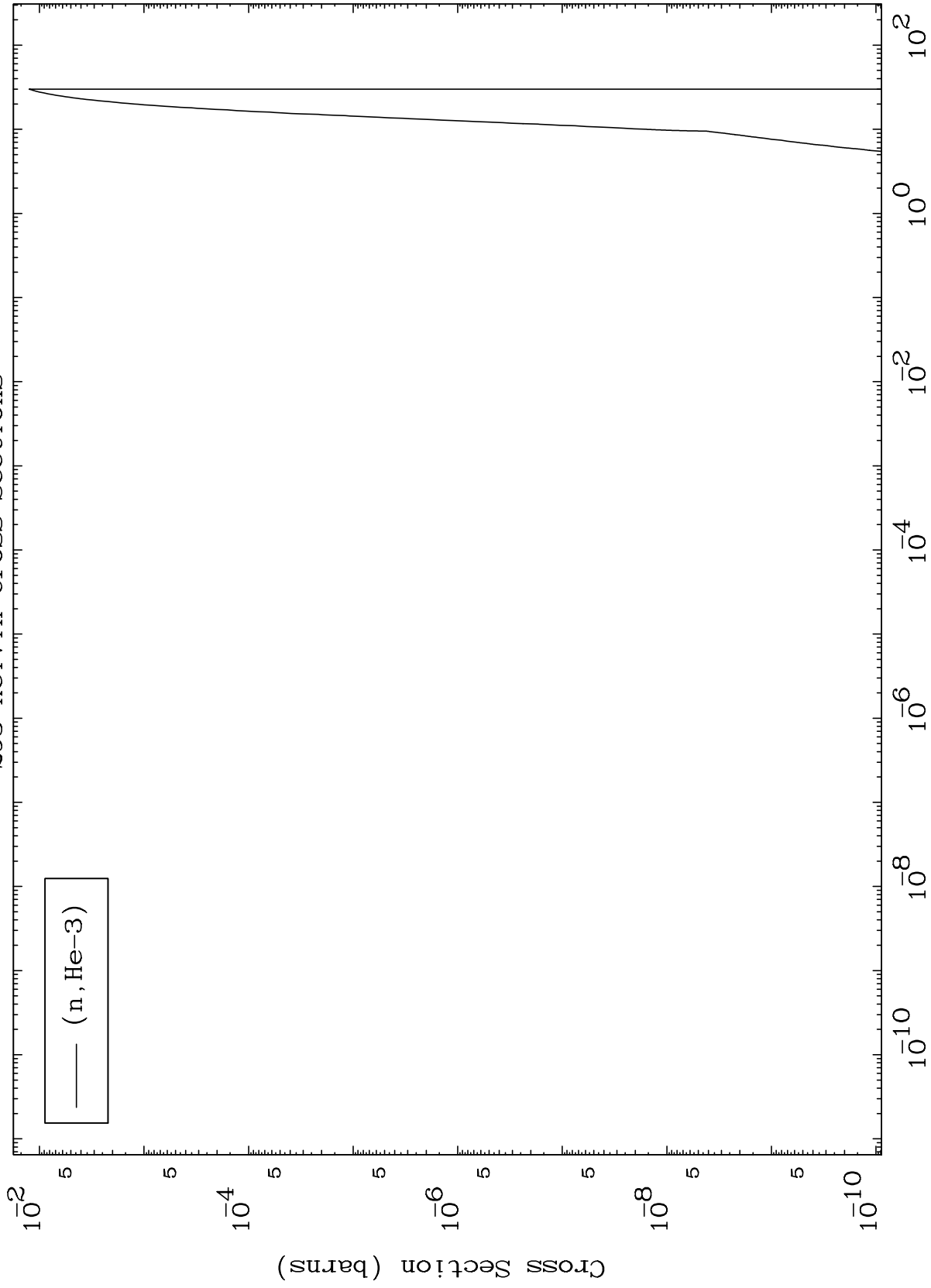
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,He3) Levels
293 Kelvin Cross Sections

68-Er-150

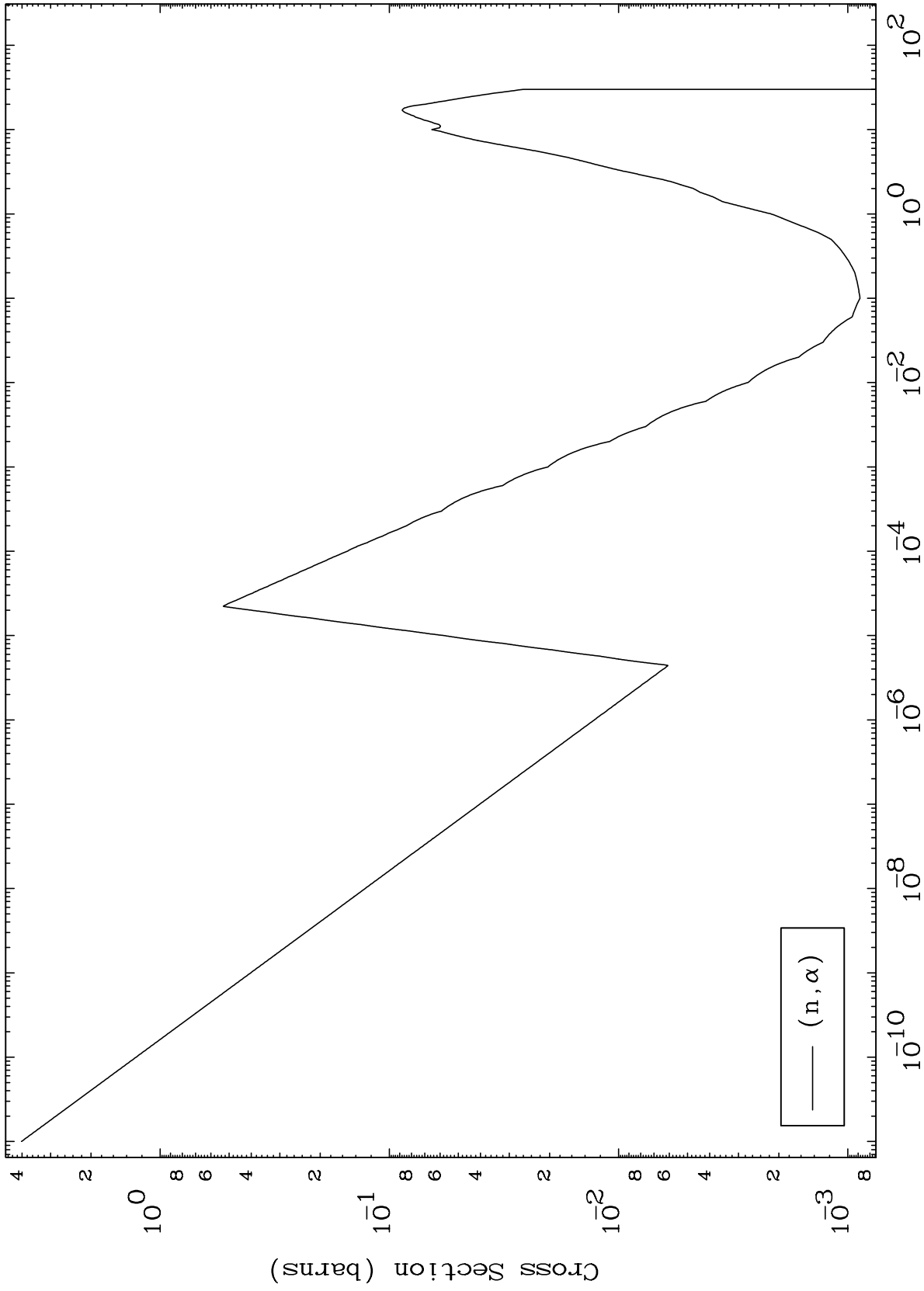


(n, He-3)

MAT 6789

(n,α) Levels
293 Kelvin Cross Sections

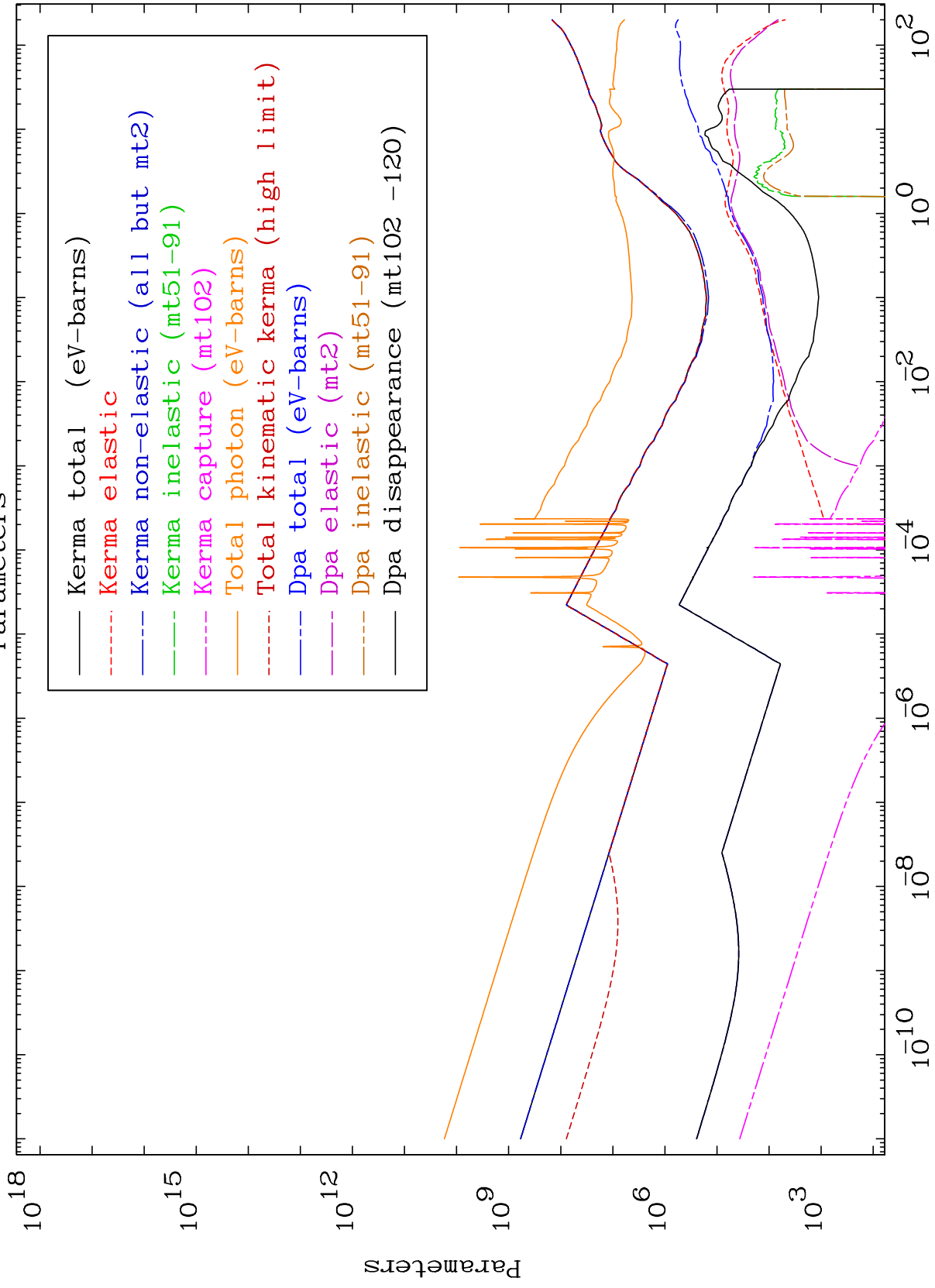
68-Er-150



12

Incident Energy (MeV)

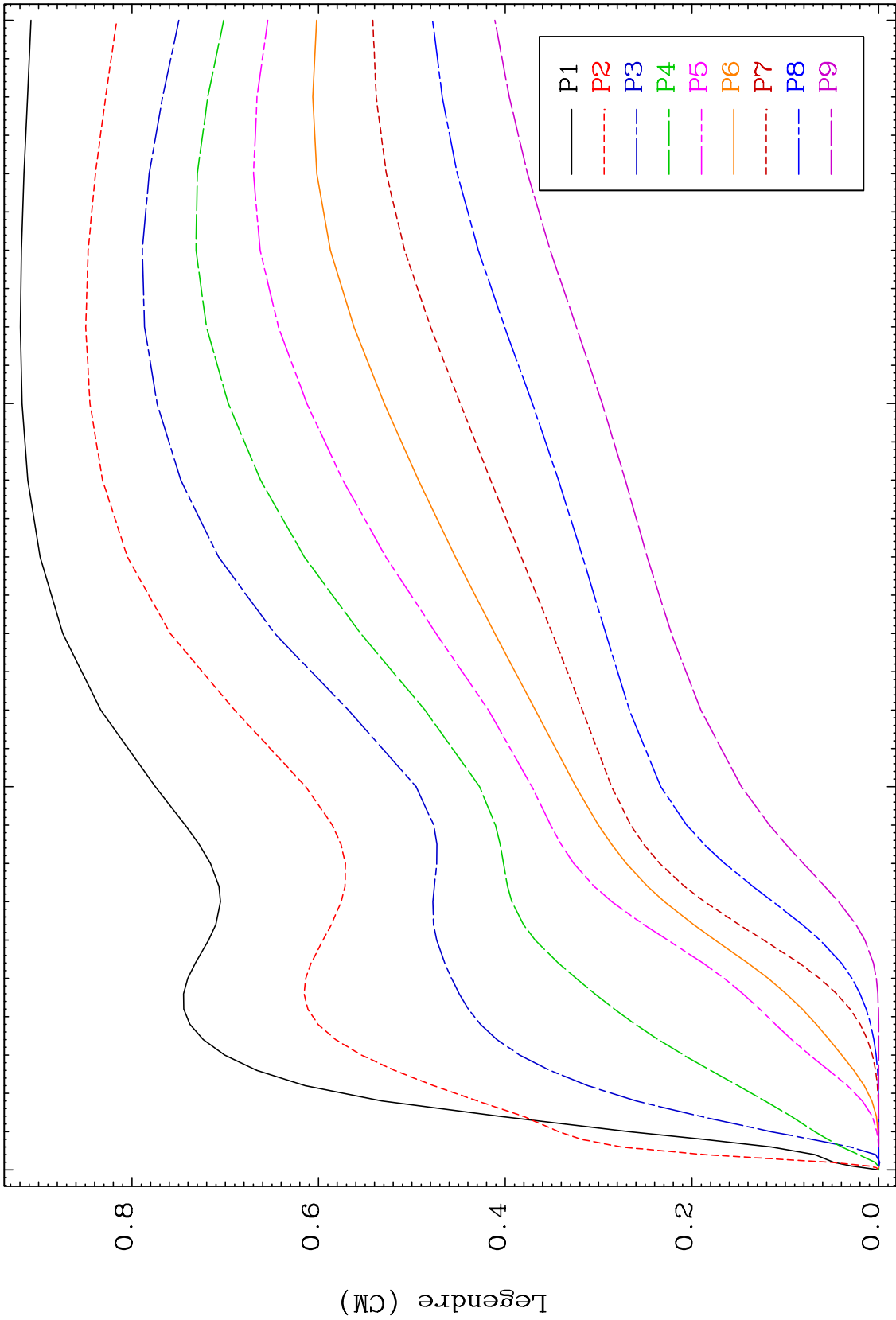
68-Er-150



MAT 6789

68-Er-150

Elastic Legendre Coefficients



14

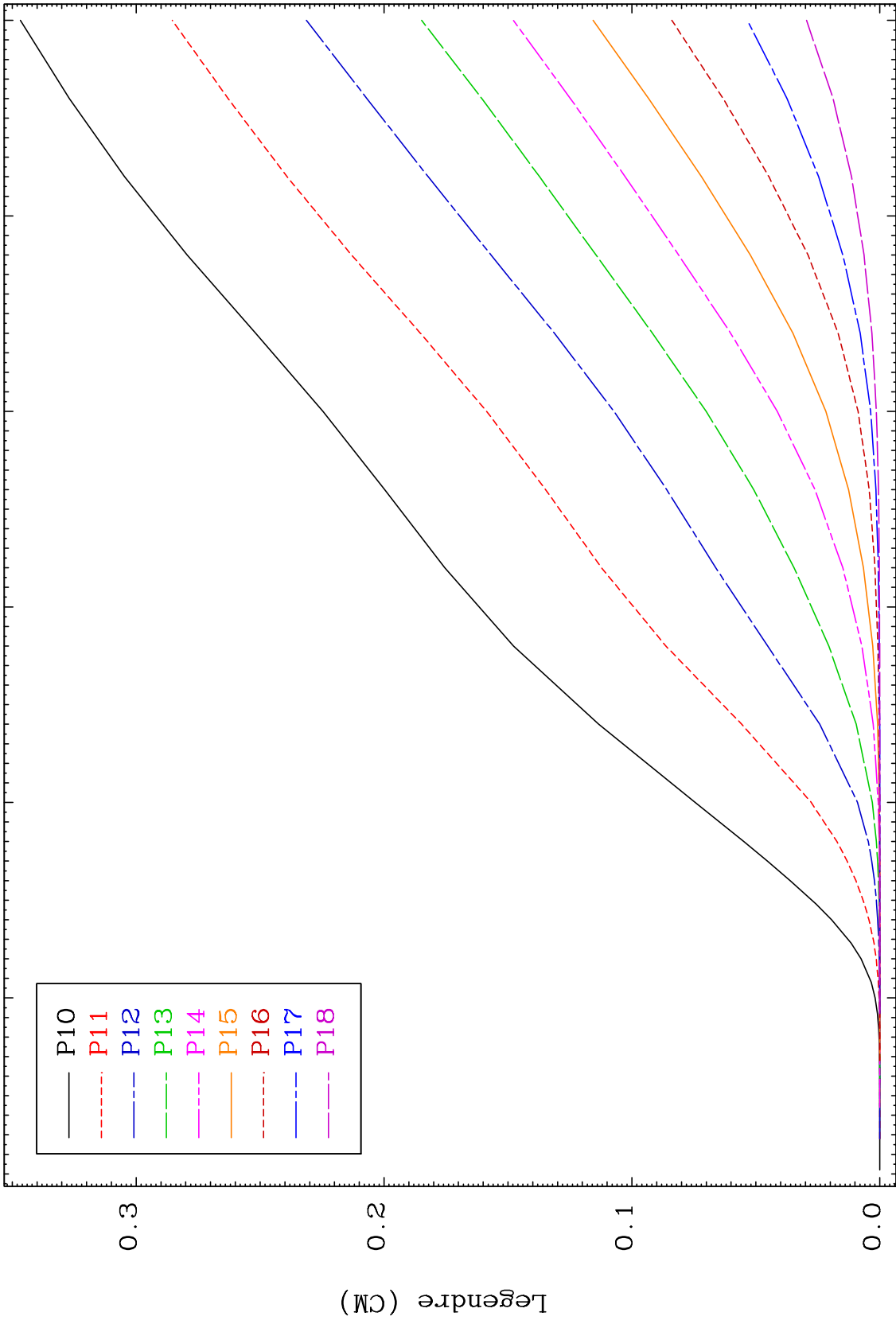
Incident Energy (MeV)

68-Er-150

MAT 6789

Elastic Legendre Coefficients

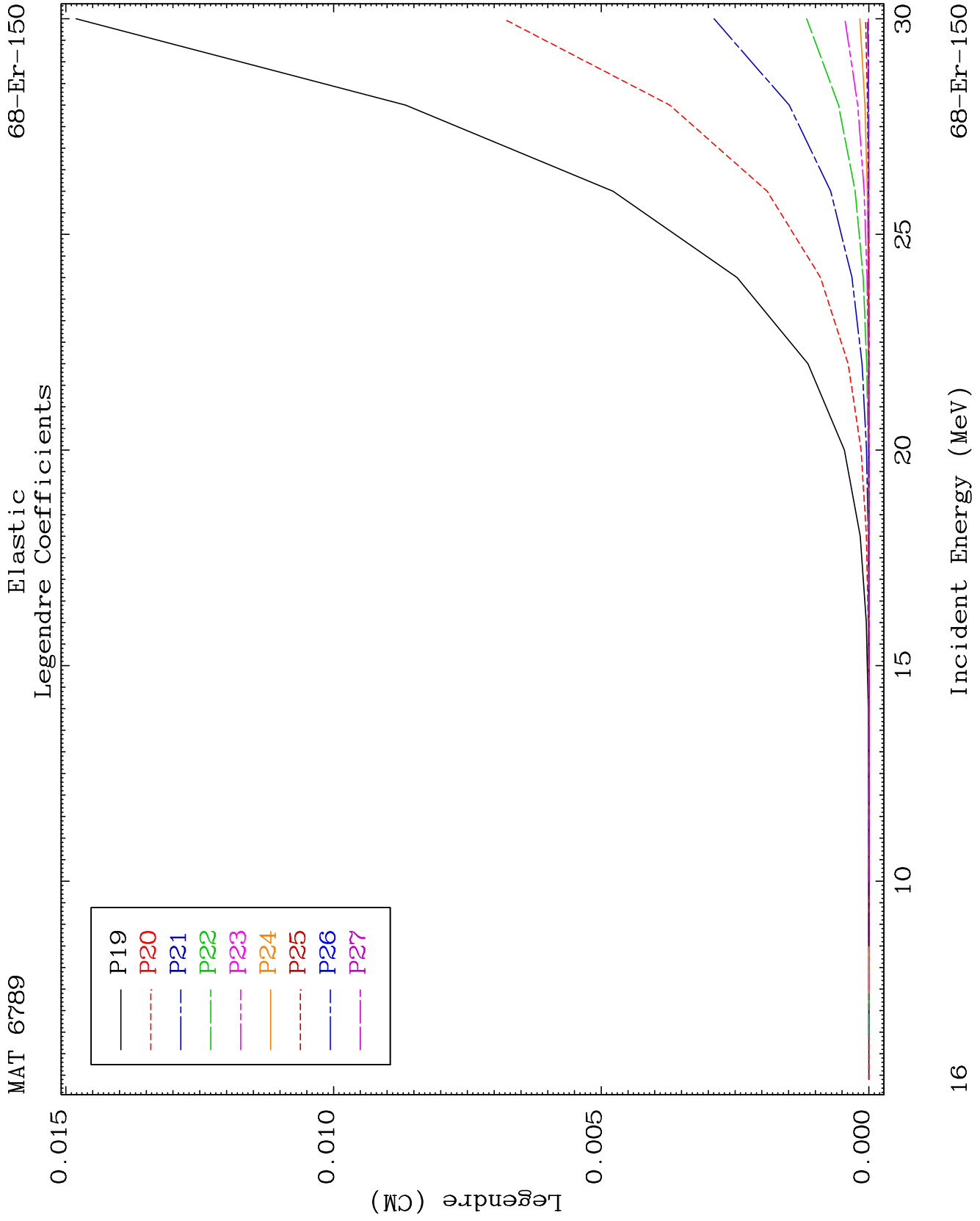
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15

Incident Energy (MeV)

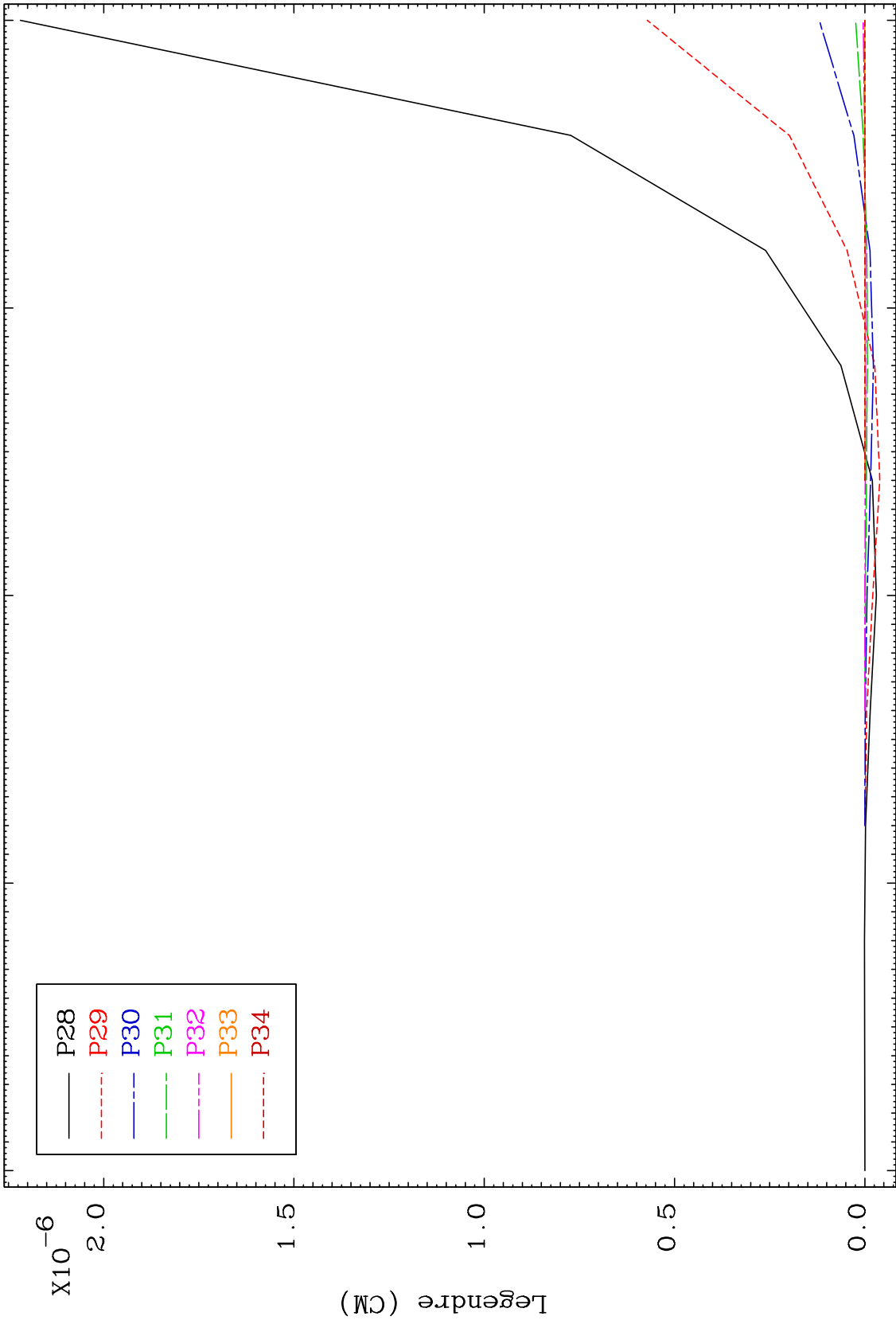
68-Er-150



MAT 6789

Elastic Legendre Coefficients

68-Er-150

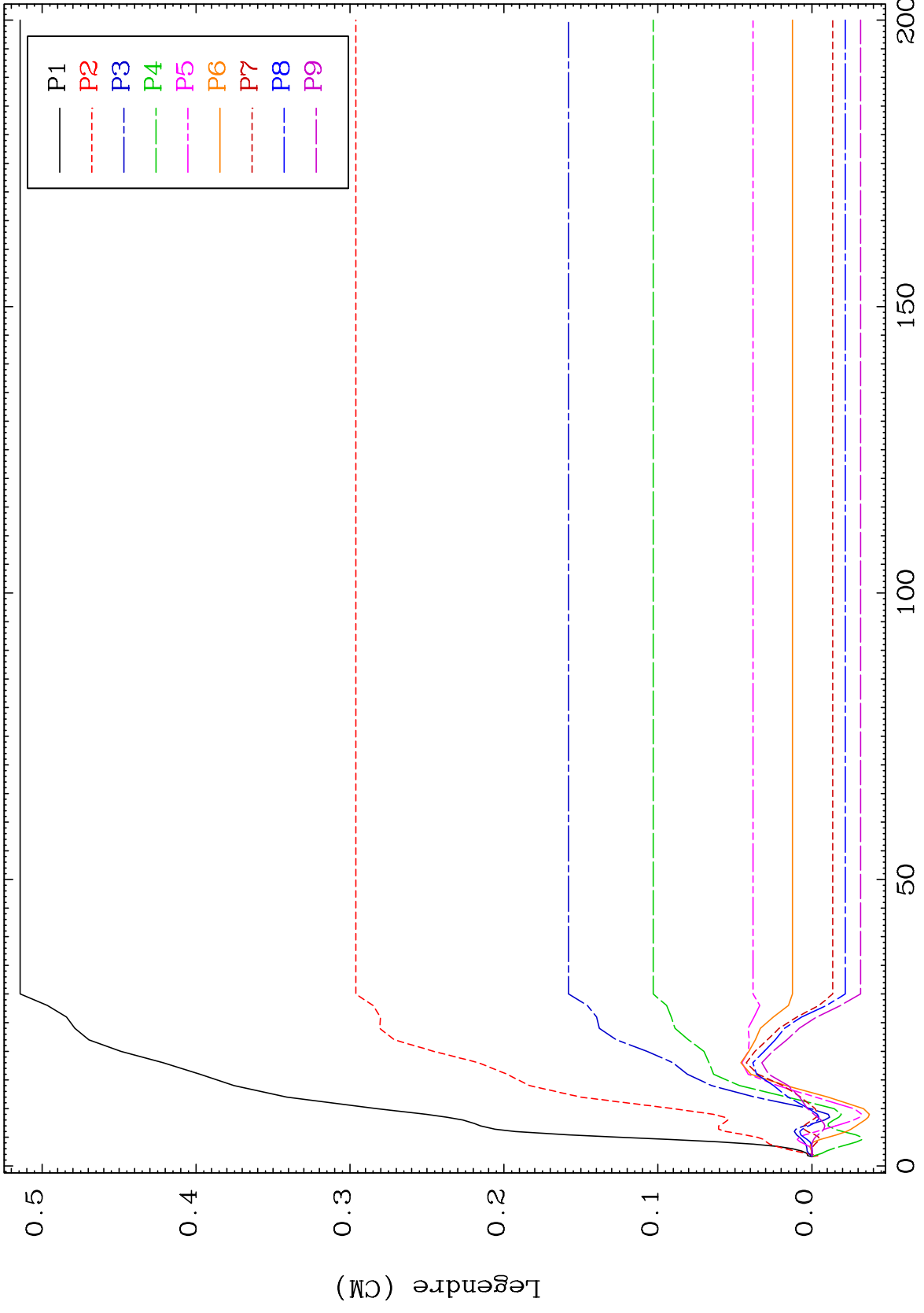


17

Incident Energy (MeV)

68-Er-150

MAT 6789 MT= 51 (n,n') Level Legendre Coefficients 68-Er-150

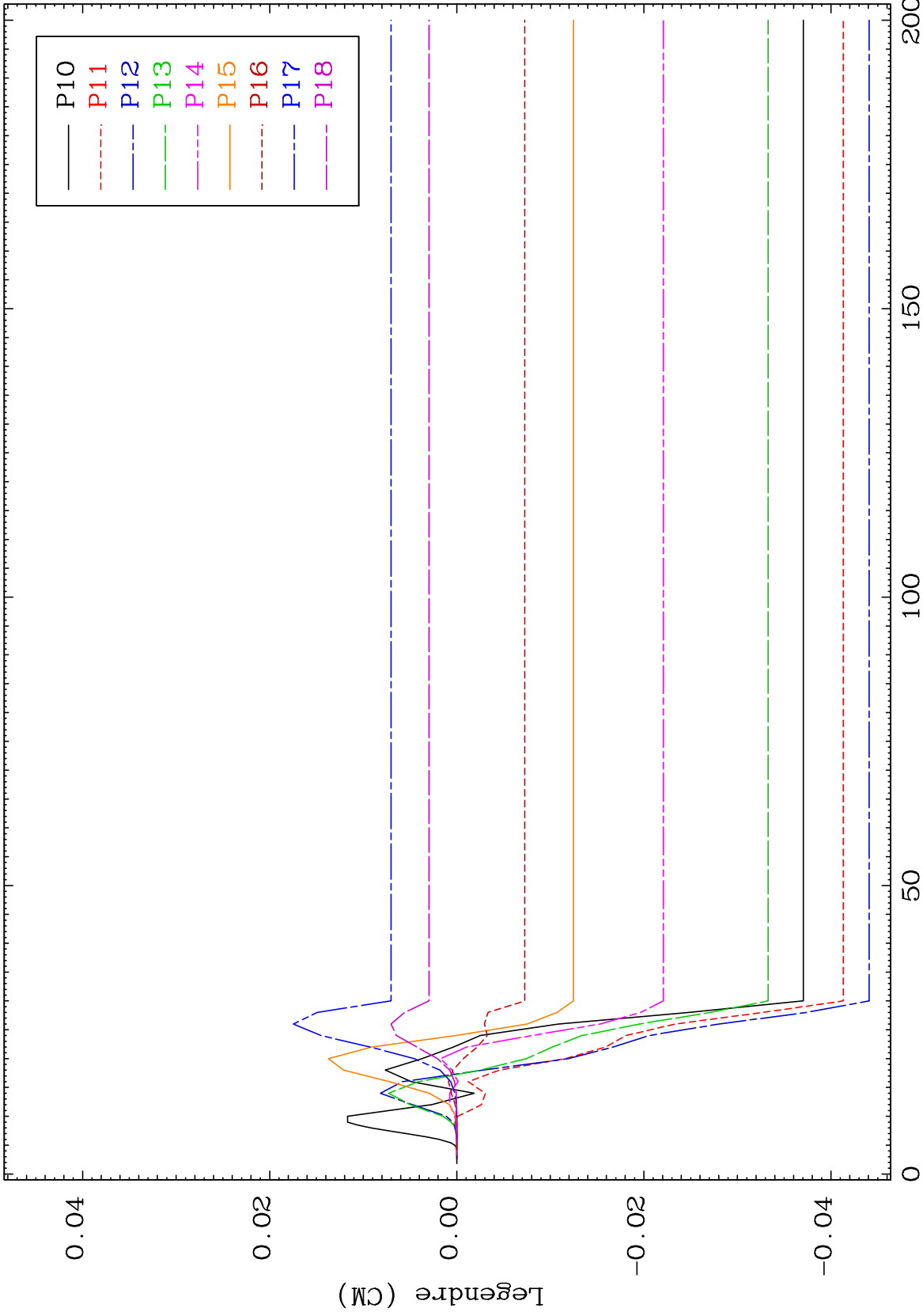


18 Incident Energy (MeV) 68-Er-150

MAT 6789

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

68-Er-150



19

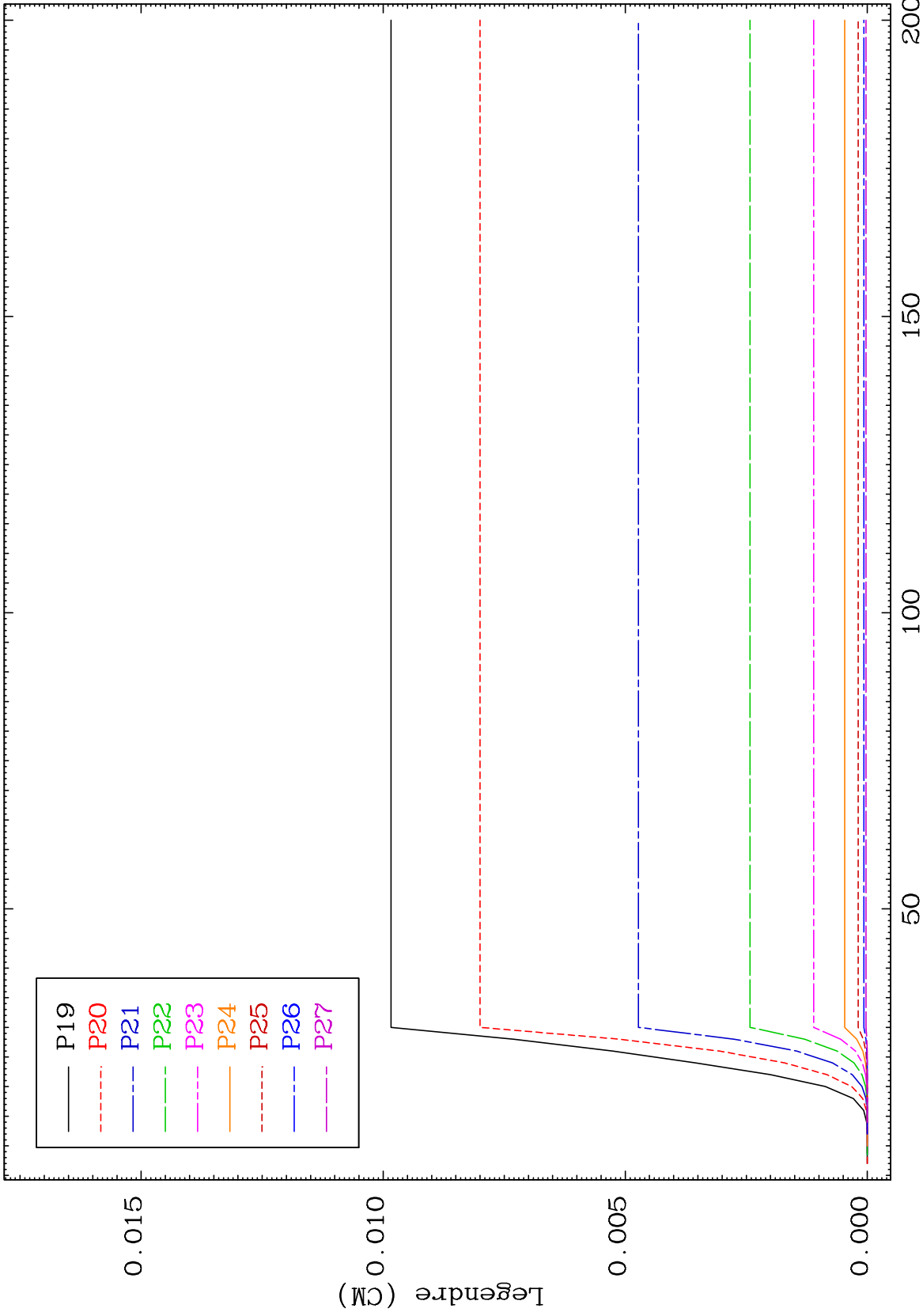
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



20

50

100

150

200

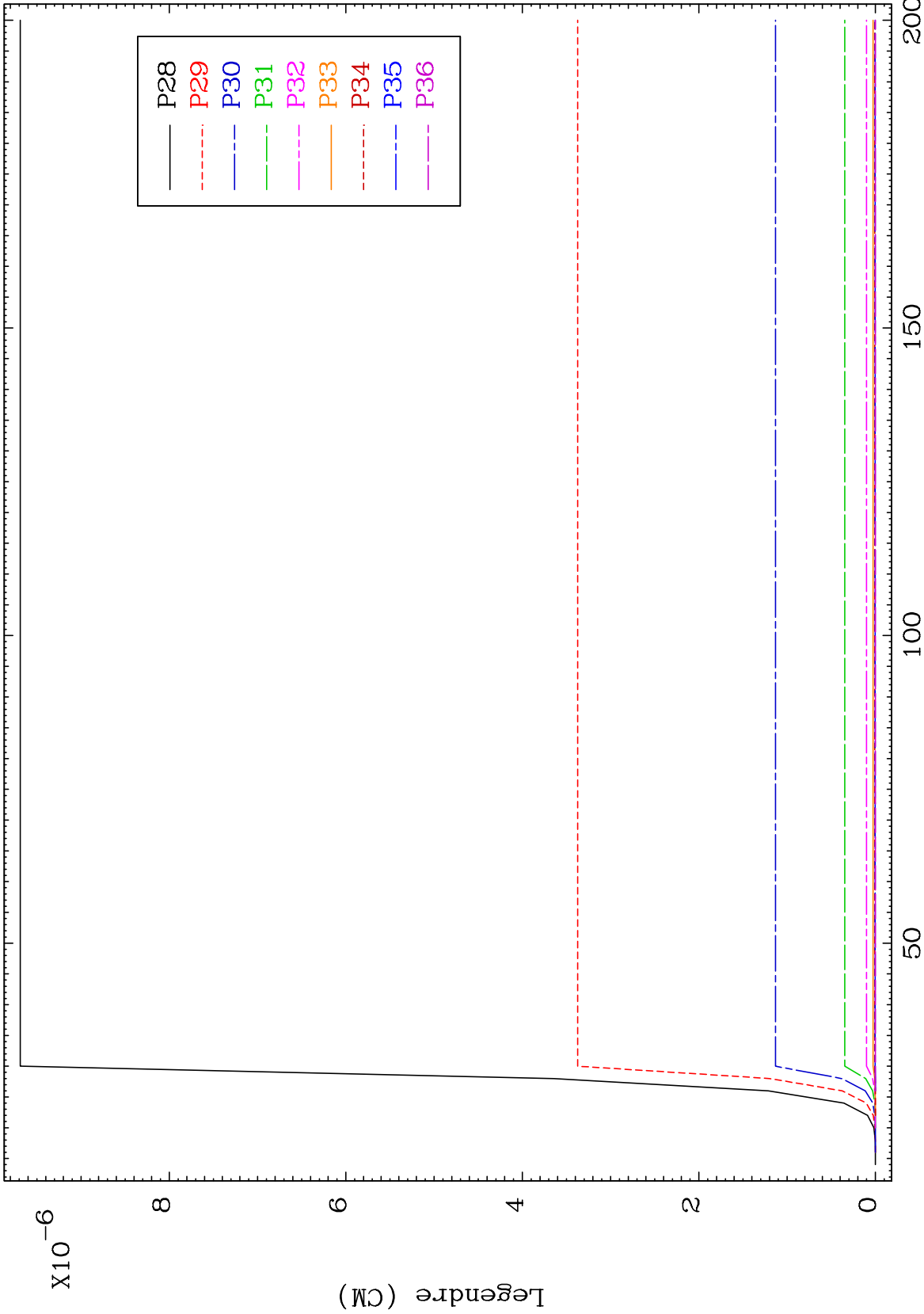
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



21

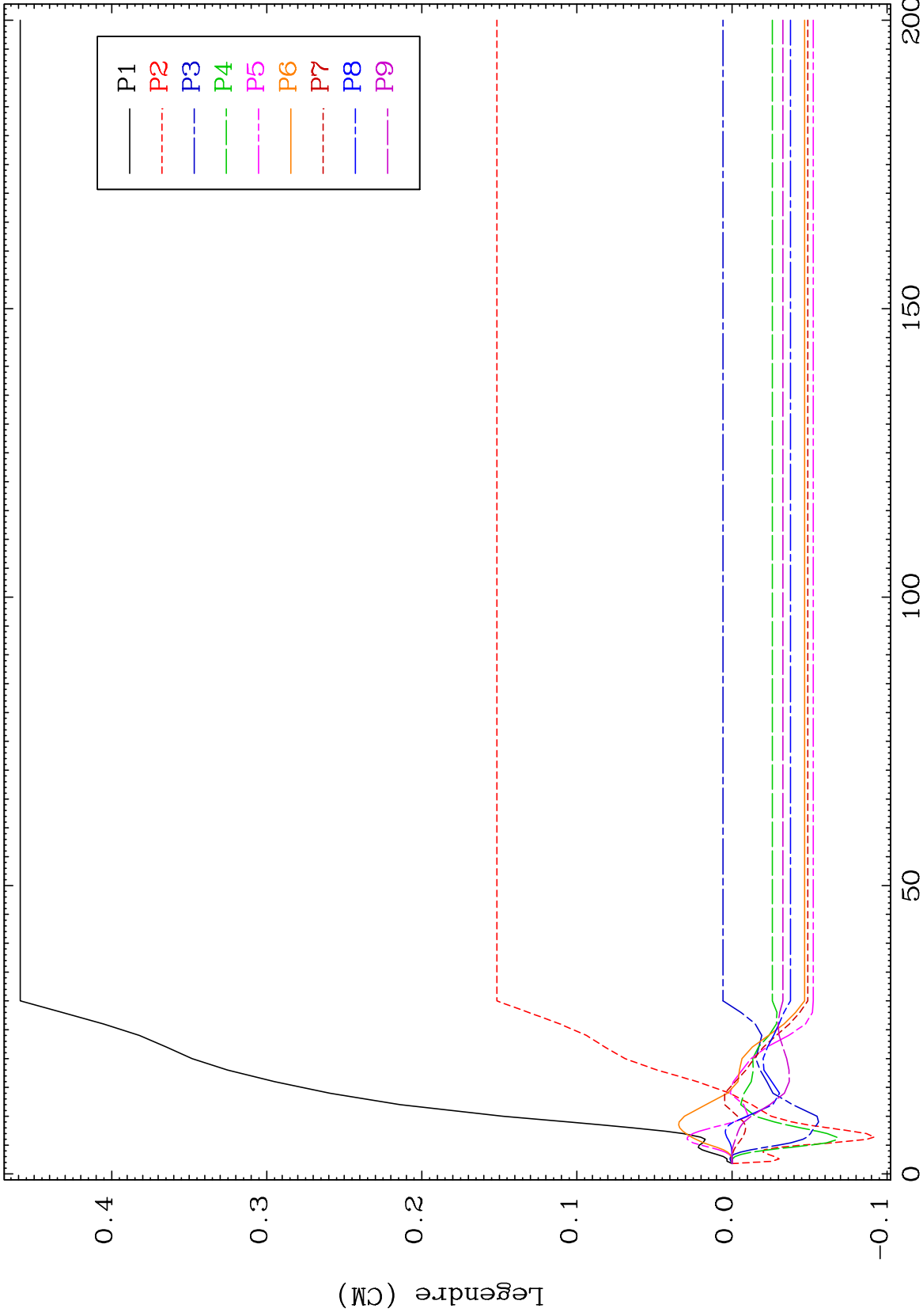
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



22

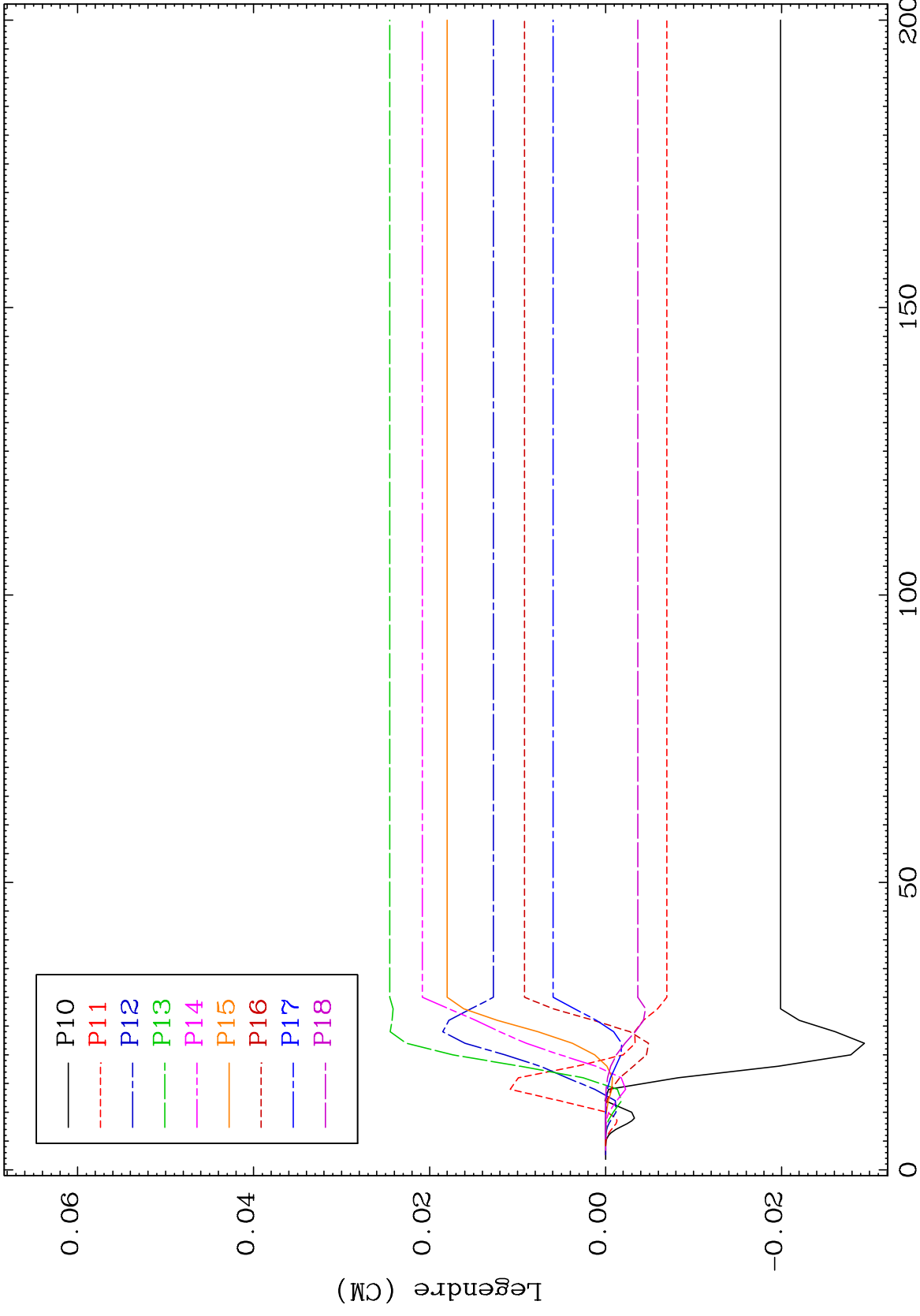
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



23

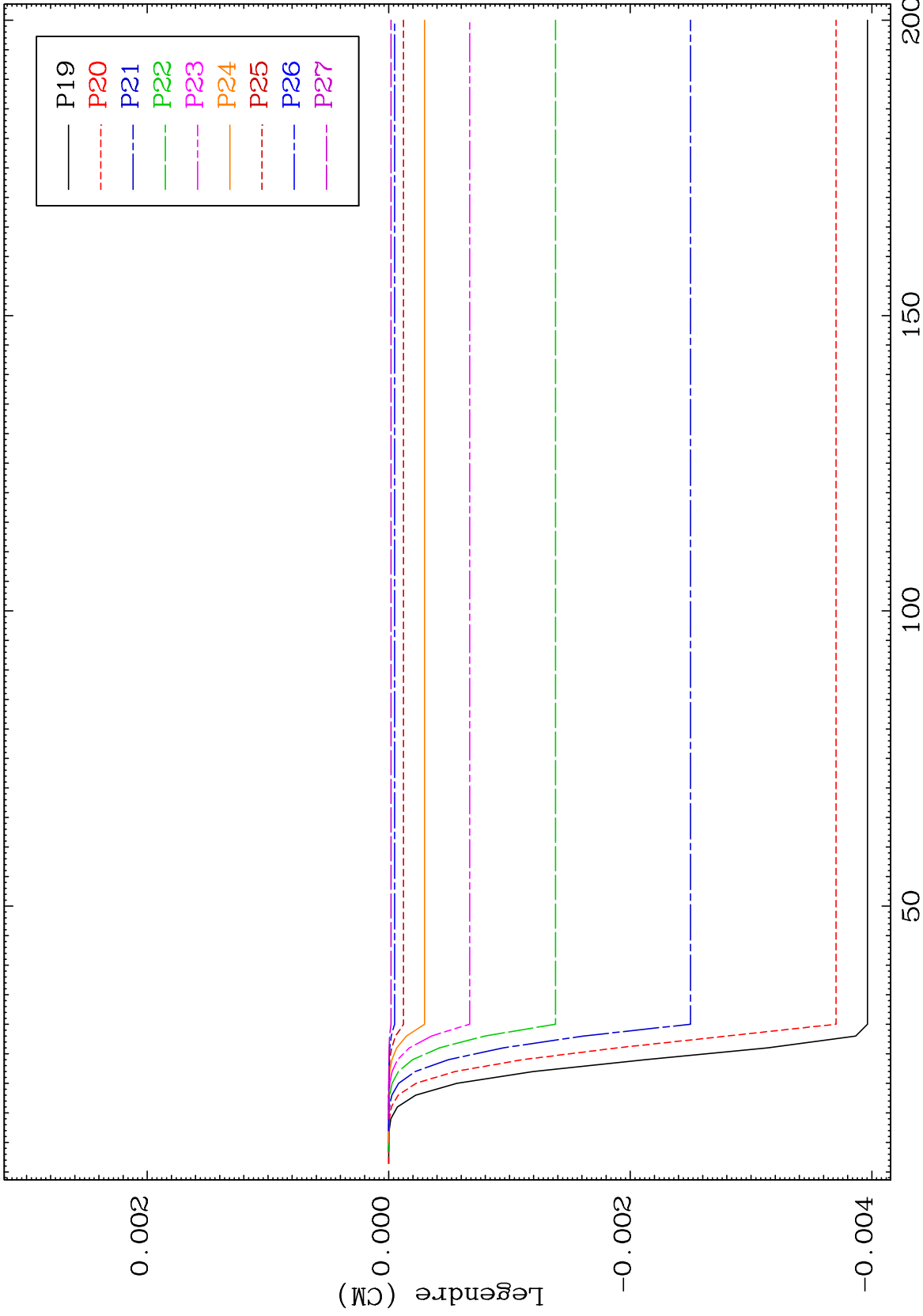
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150

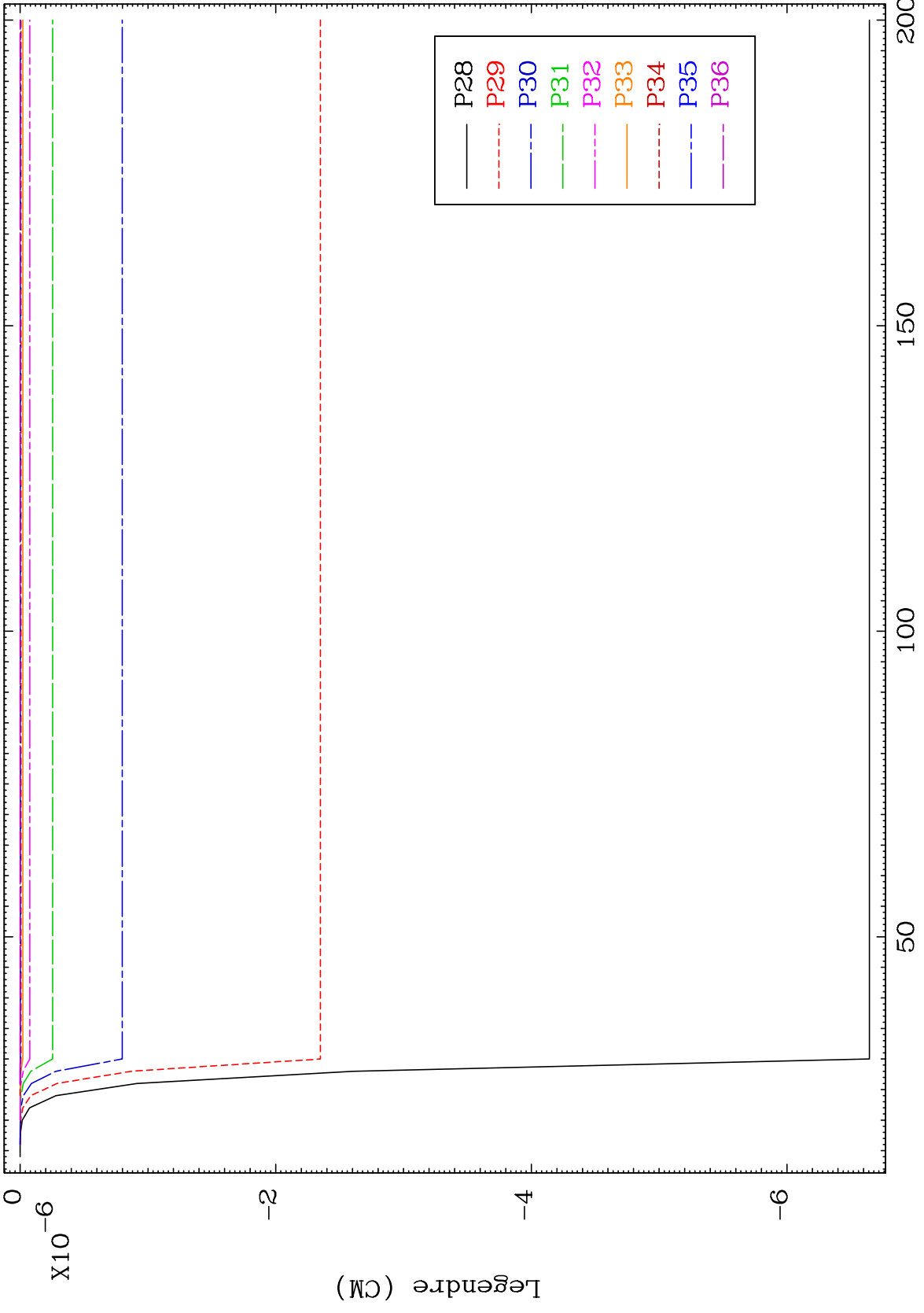


24

Incident Energy (MeV)

68-Er-150

MAT 6789 MT= 52 (n,n') Level Legendre Coefficients 68-Er-150

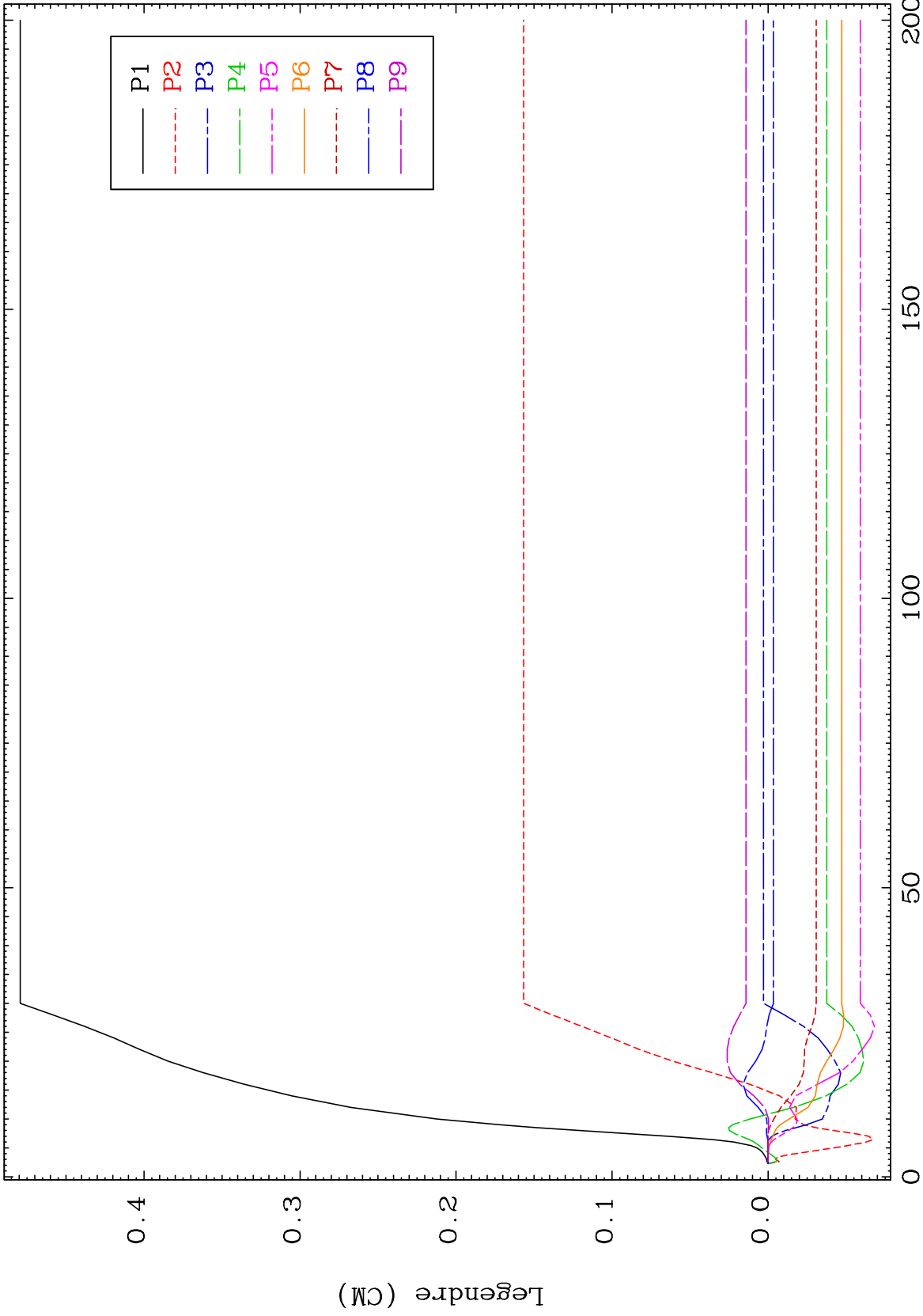


25 50 100 150 200 68-Er-150

MAT 6789

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

68-Er-150



26

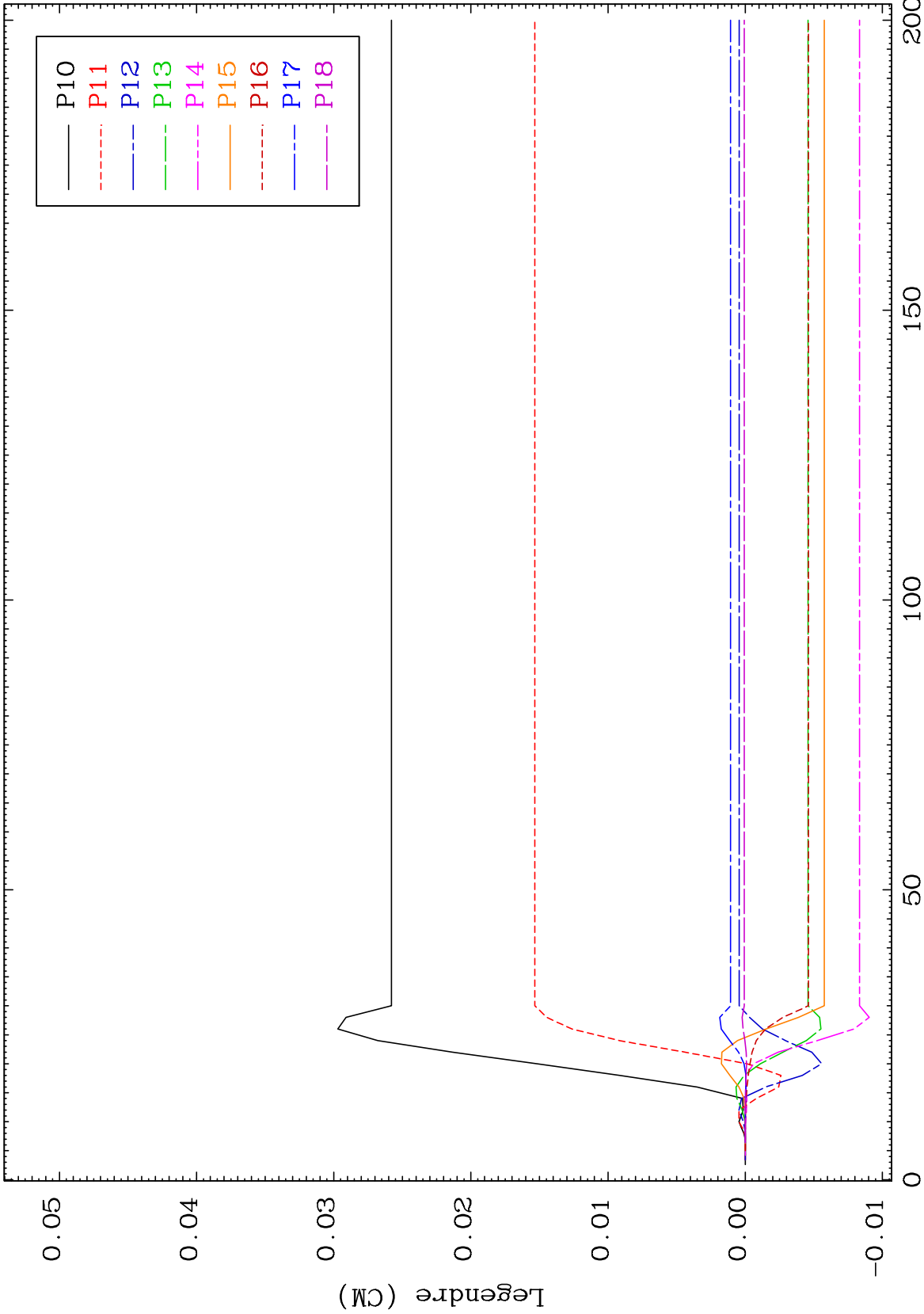
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



27

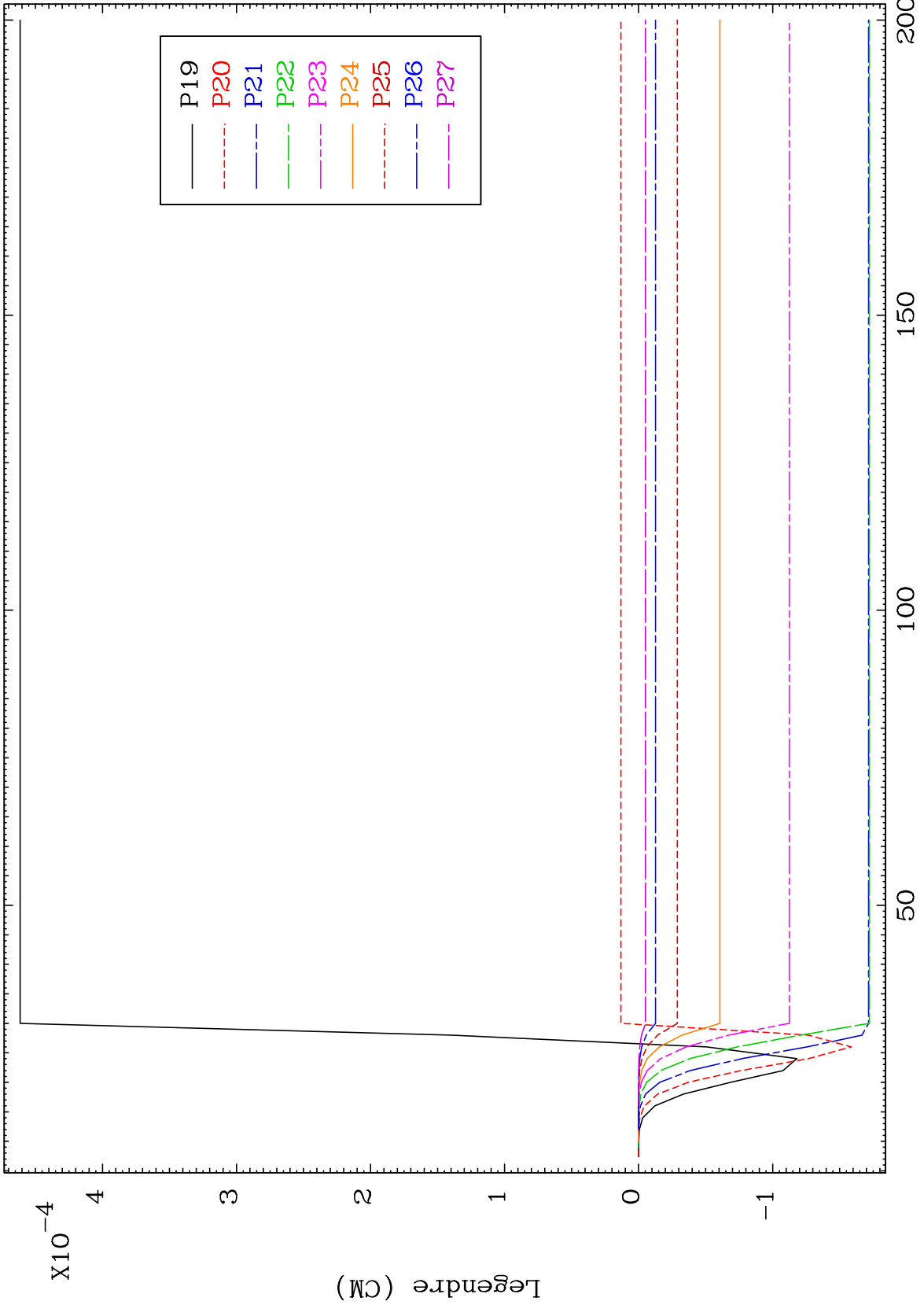
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



28

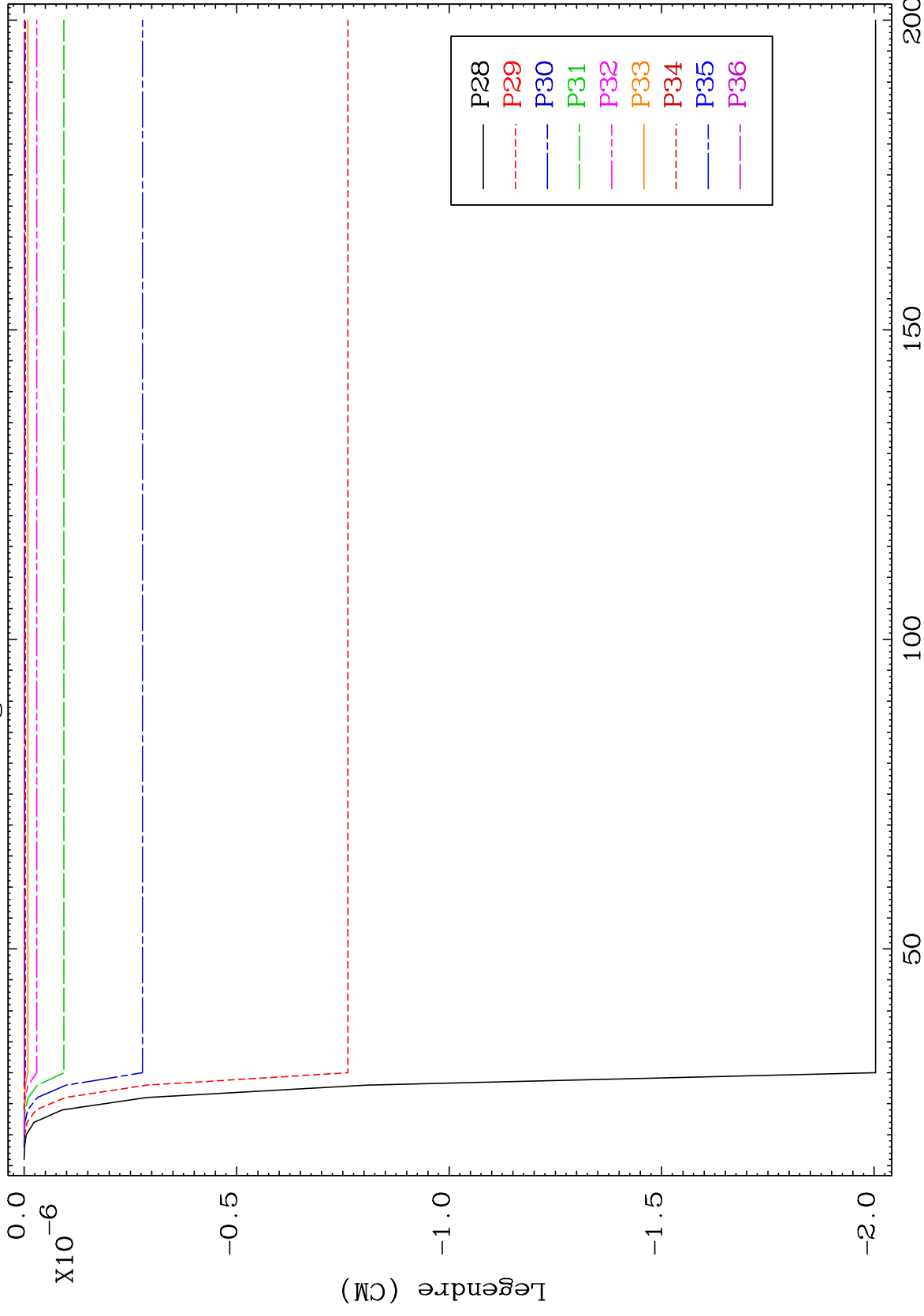
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



68-Er-150

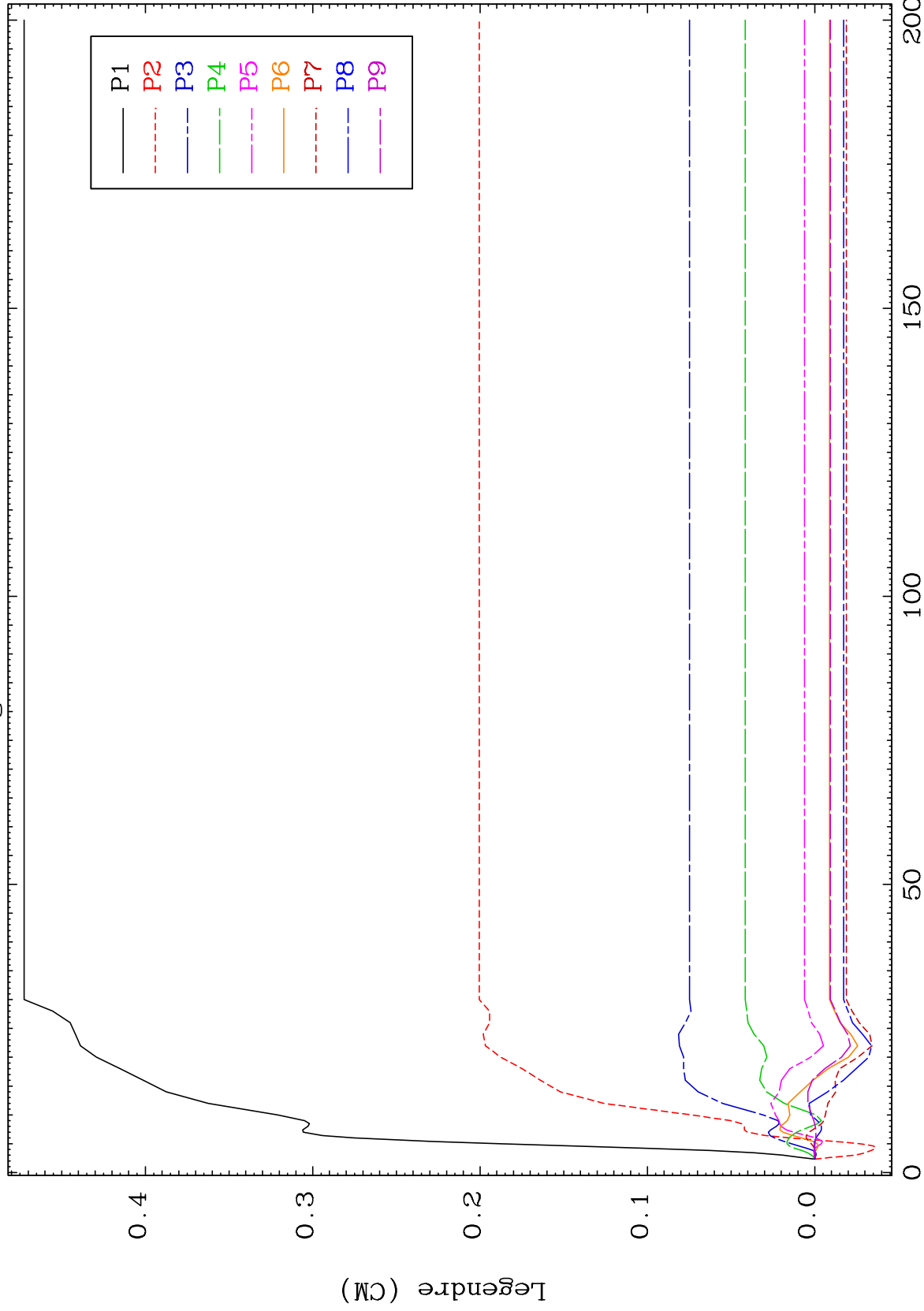
Incident Energy (MeV)

29

MAT 6789

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

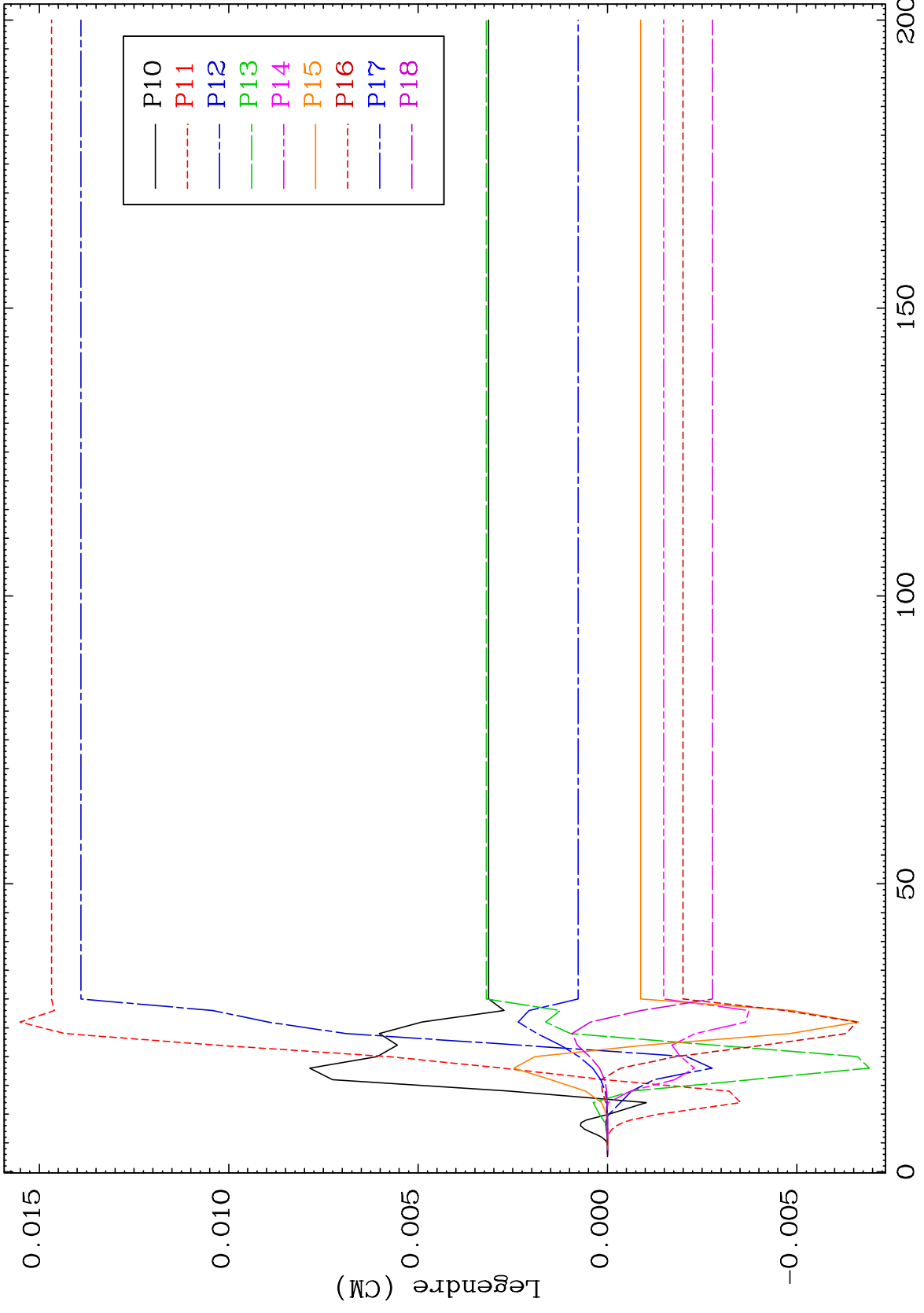
68-Er-150



Incident Energy (MeV)

68-Er-150

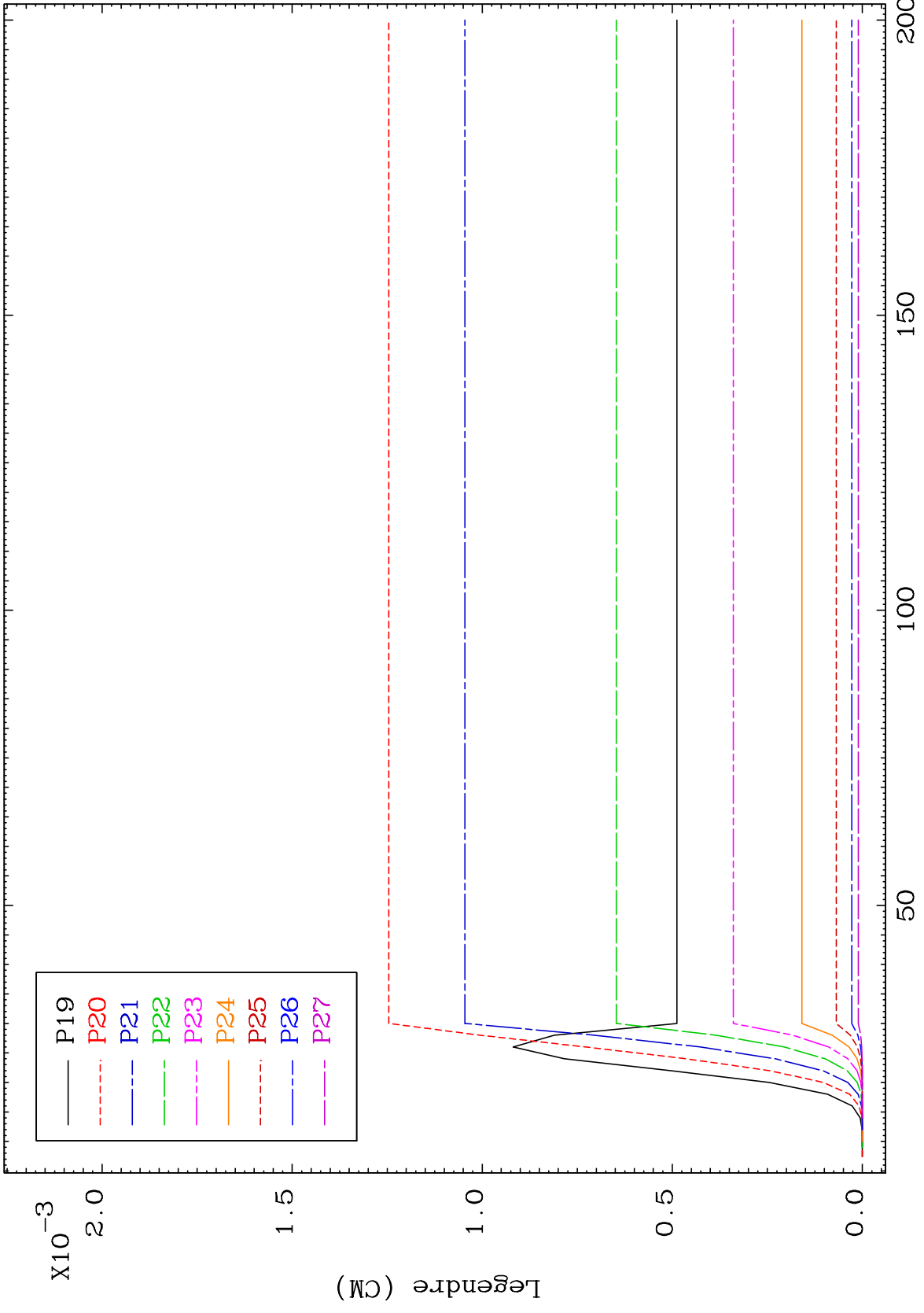
MAT 6789 MT= 54 (n,n') Level Legendre Coefficients 68-Er-150



MAT 6789

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

68-Er-150



32

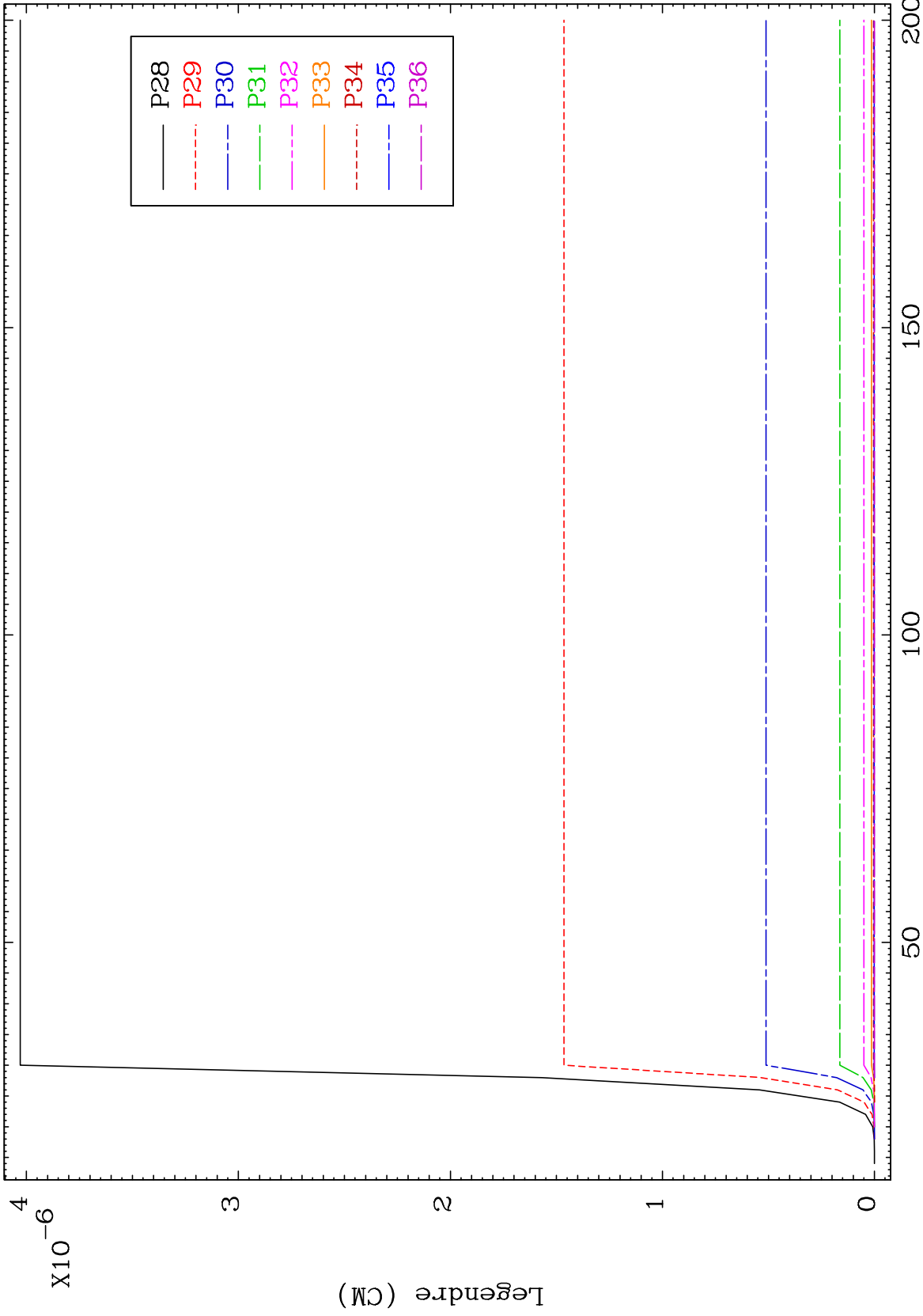
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



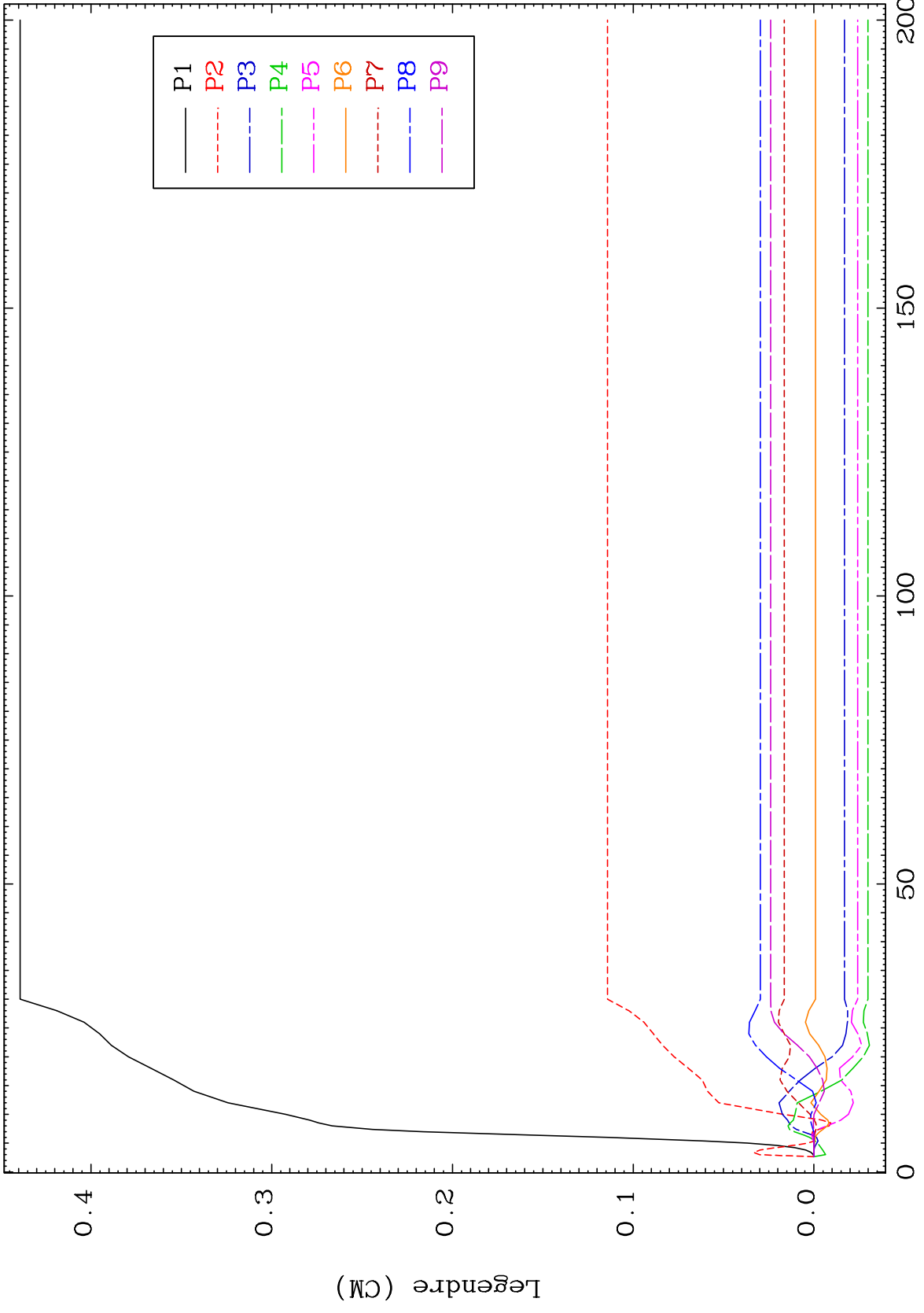
33

68-Er-150

MAT 6789

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

68-Er-150



34

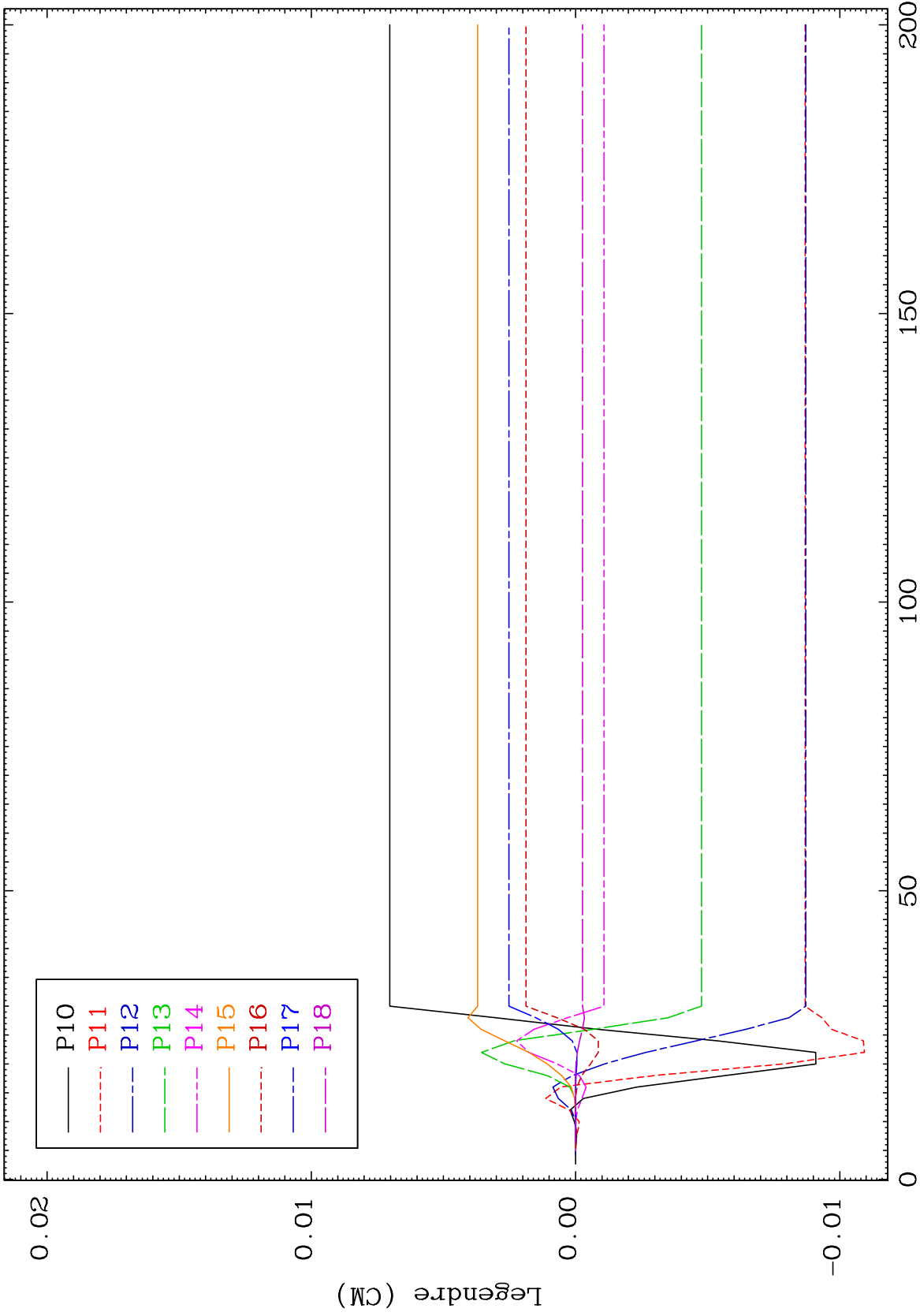
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



35

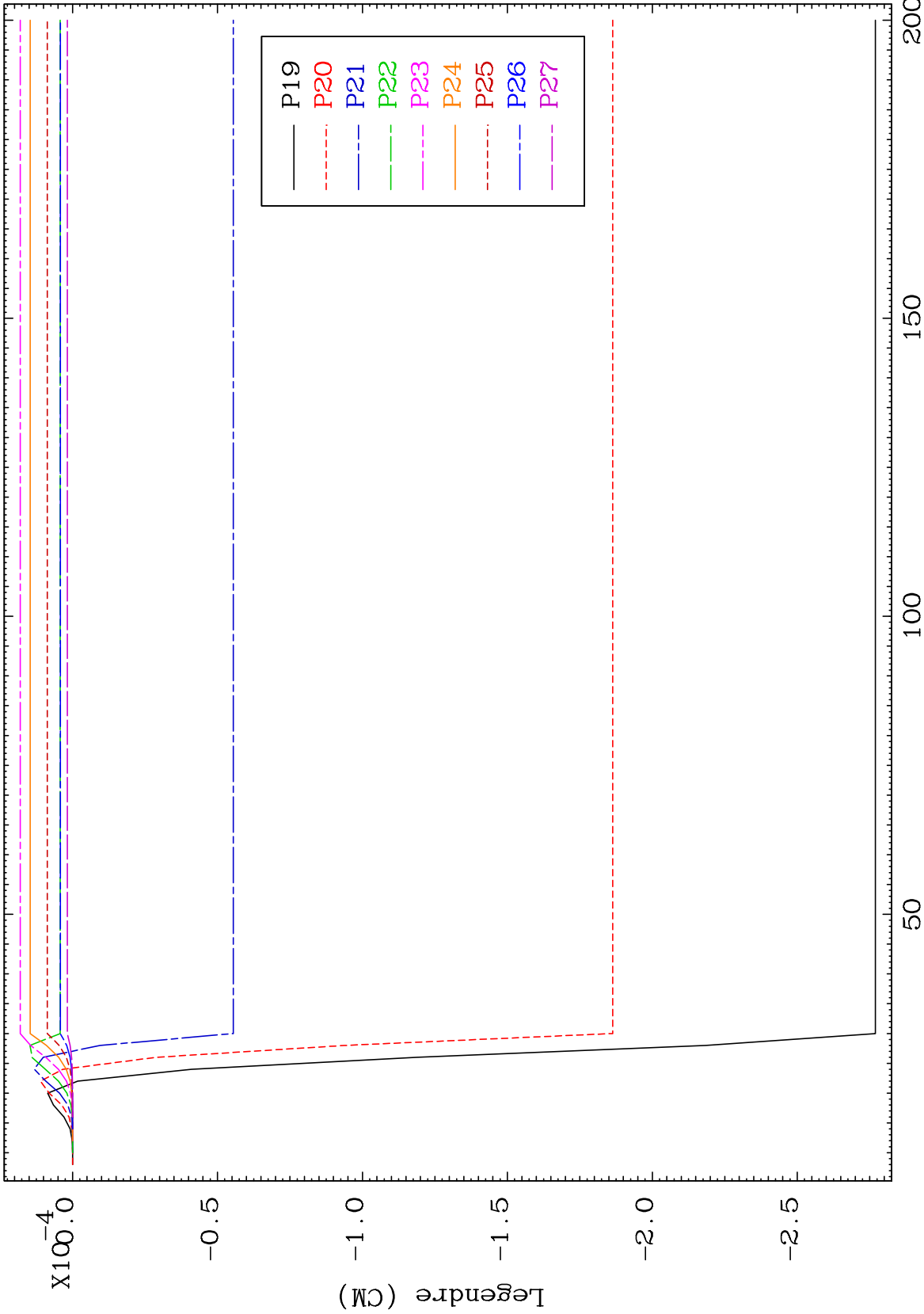
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



68-Er-150

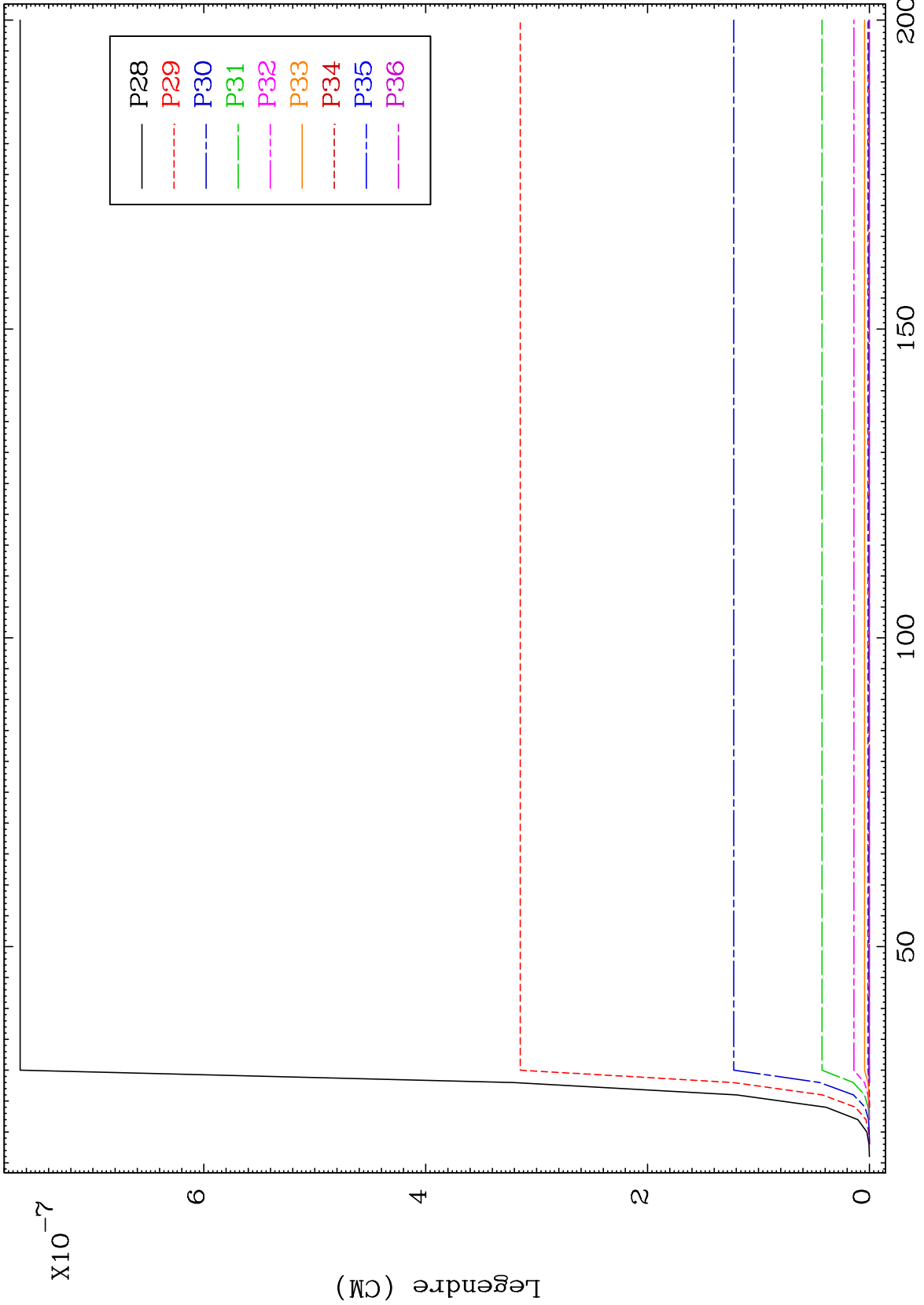
Incident Energy (MeV)

36

MAT 6789

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

68-Er-150



37

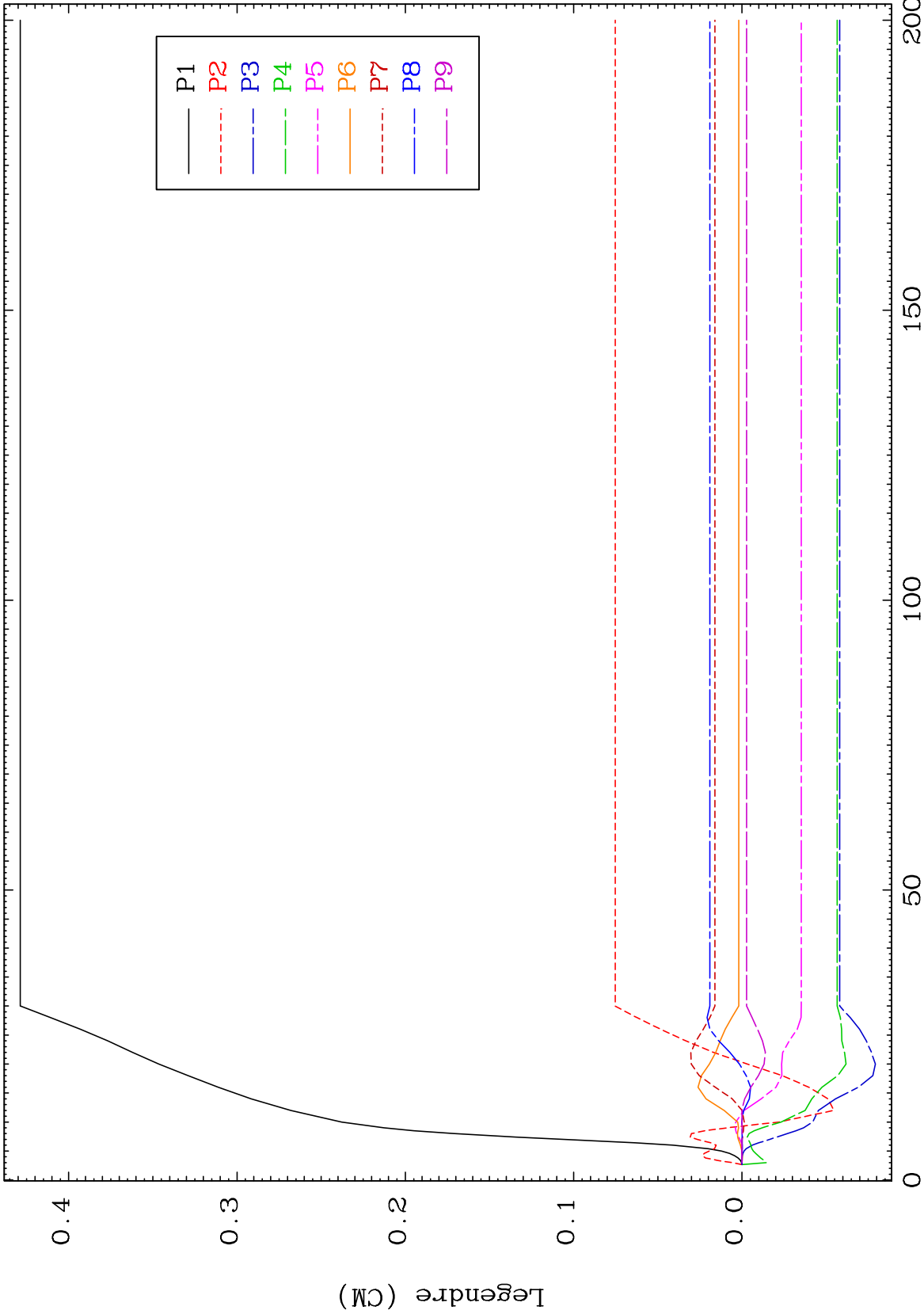
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



38

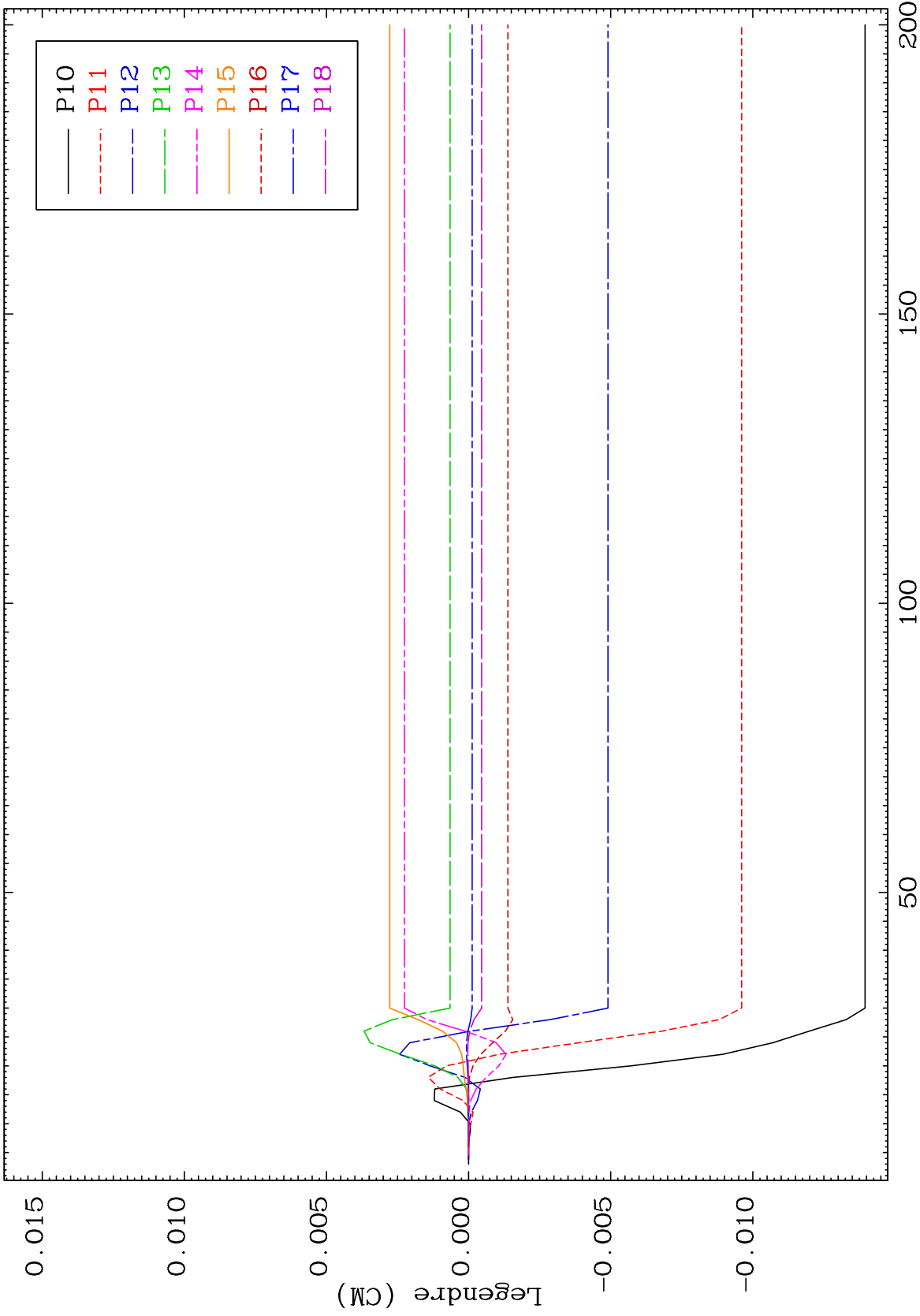
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



39

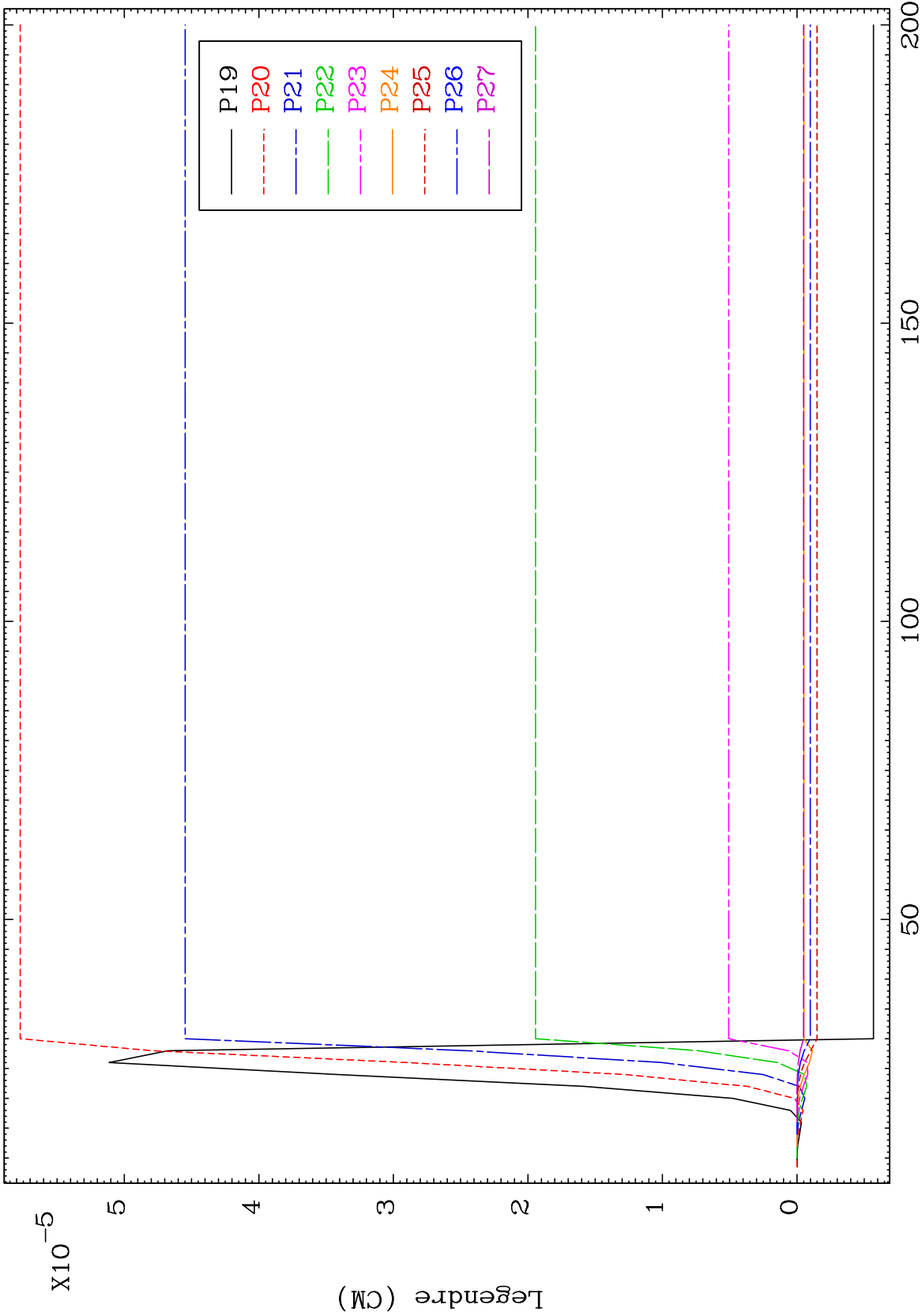
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



40

Incident Energy (MeV)

50

100

150

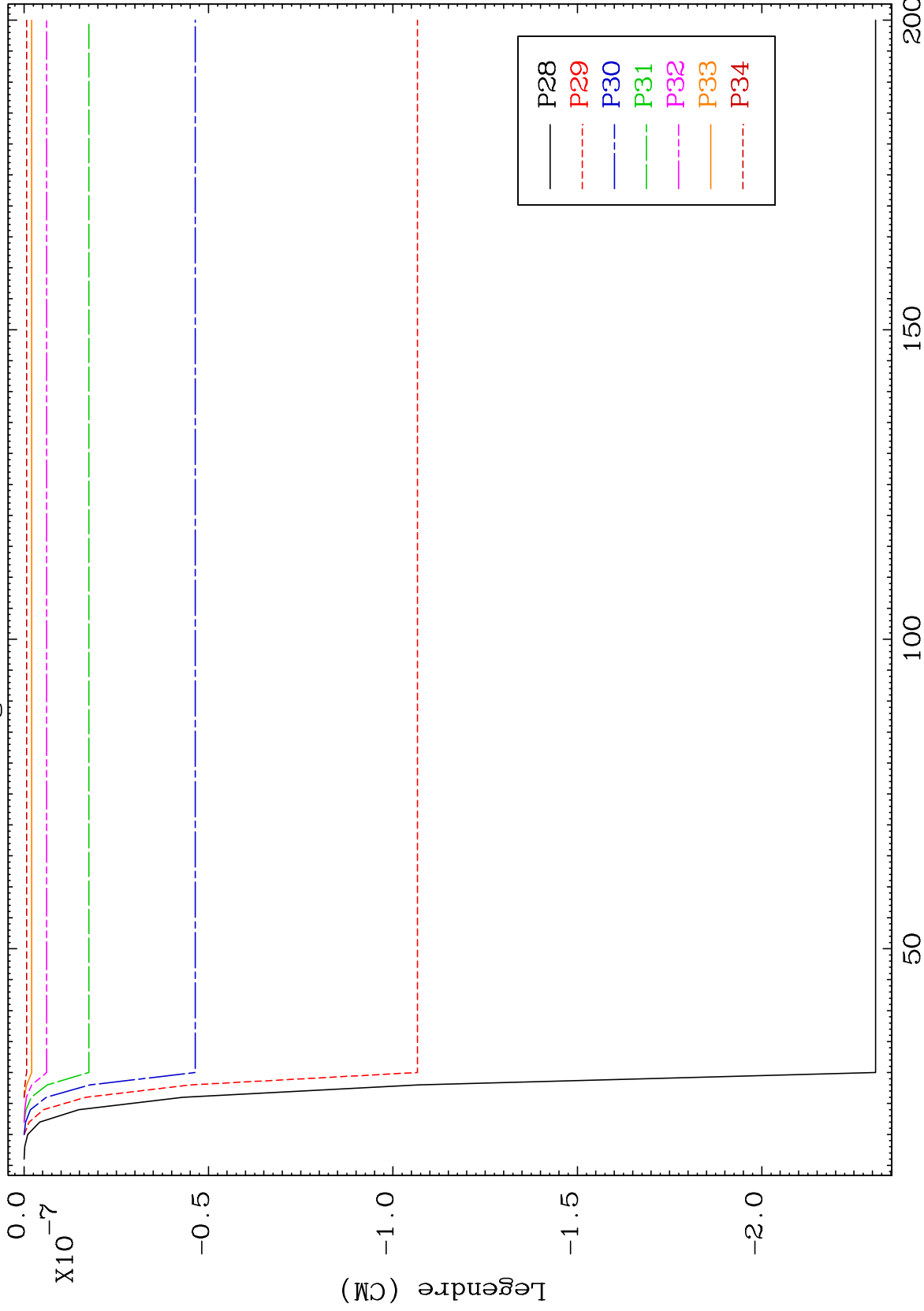
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68-Er-150

MAT 6789

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

68-Er-150



68-Er-150

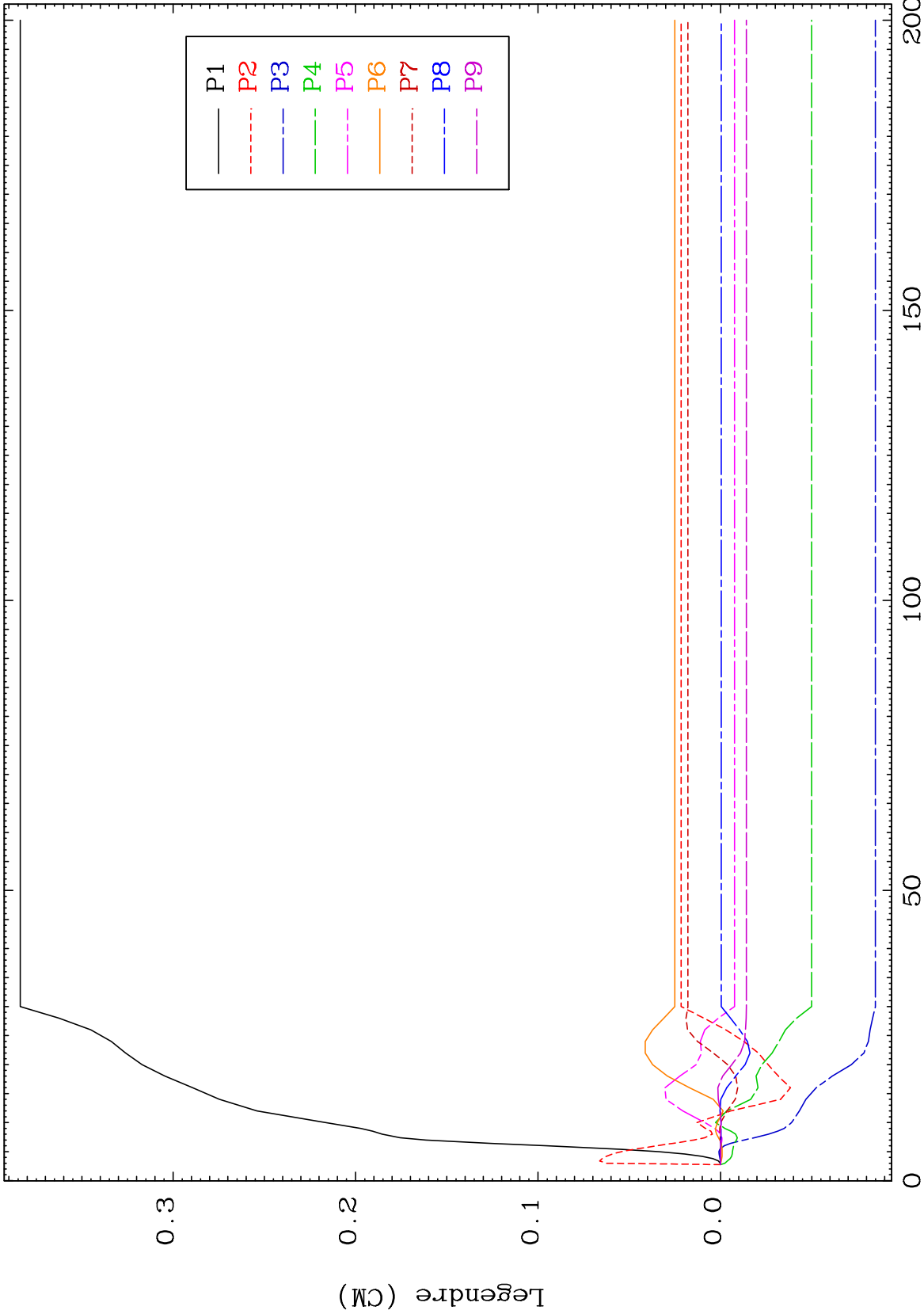
Incident Energy (MeV)

41

MAT 6789

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

68-Er-150



42

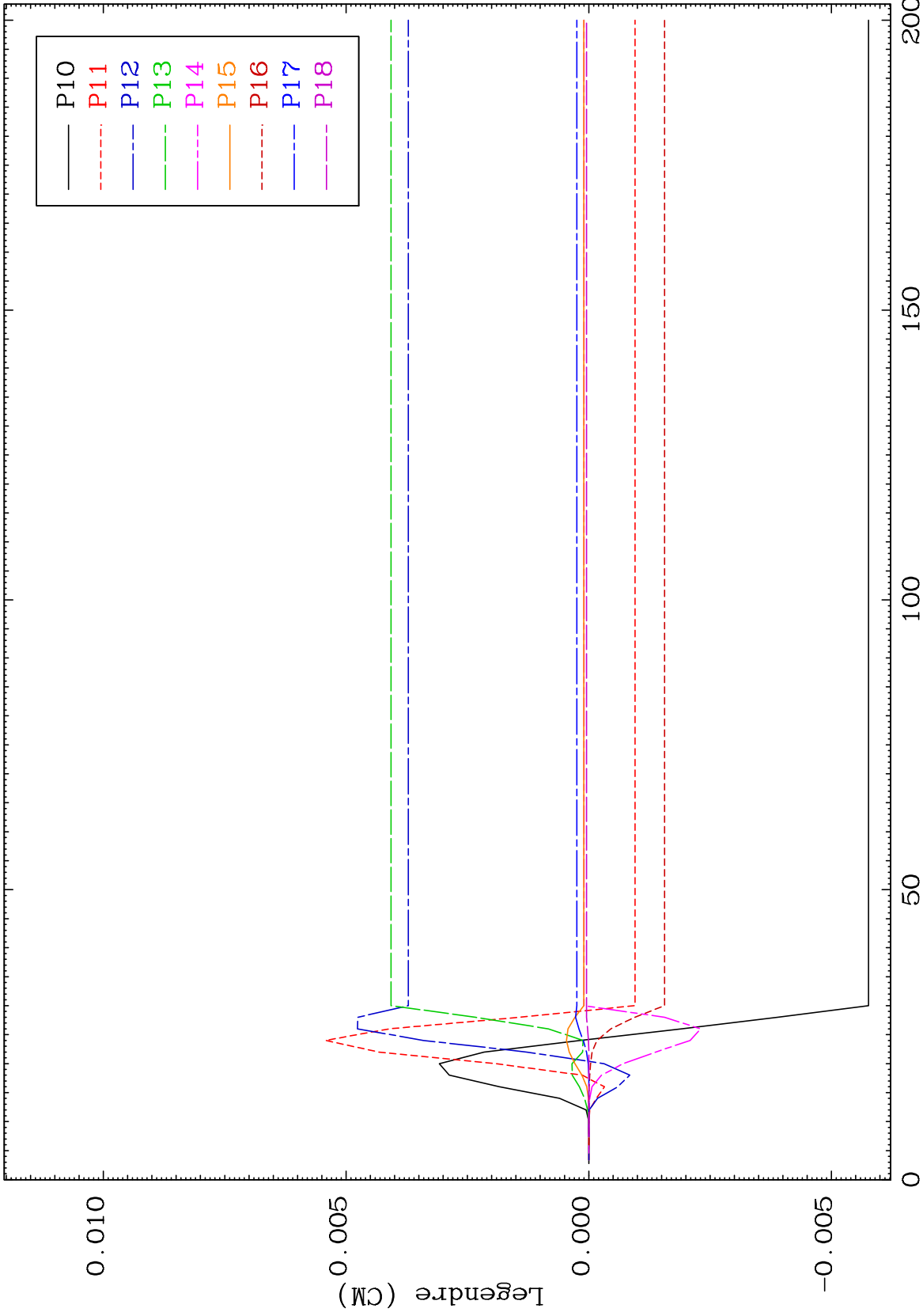
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



43

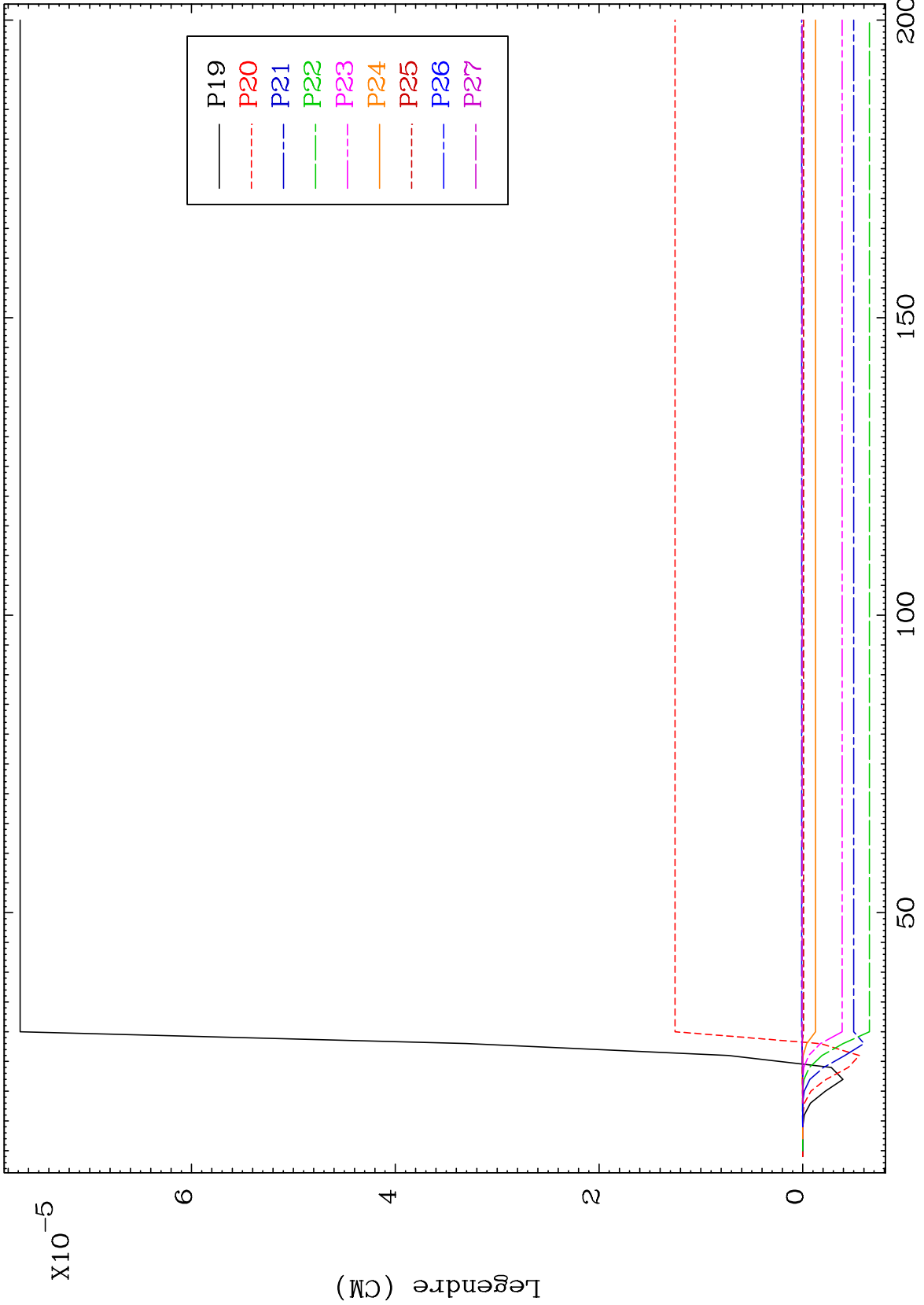
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



44

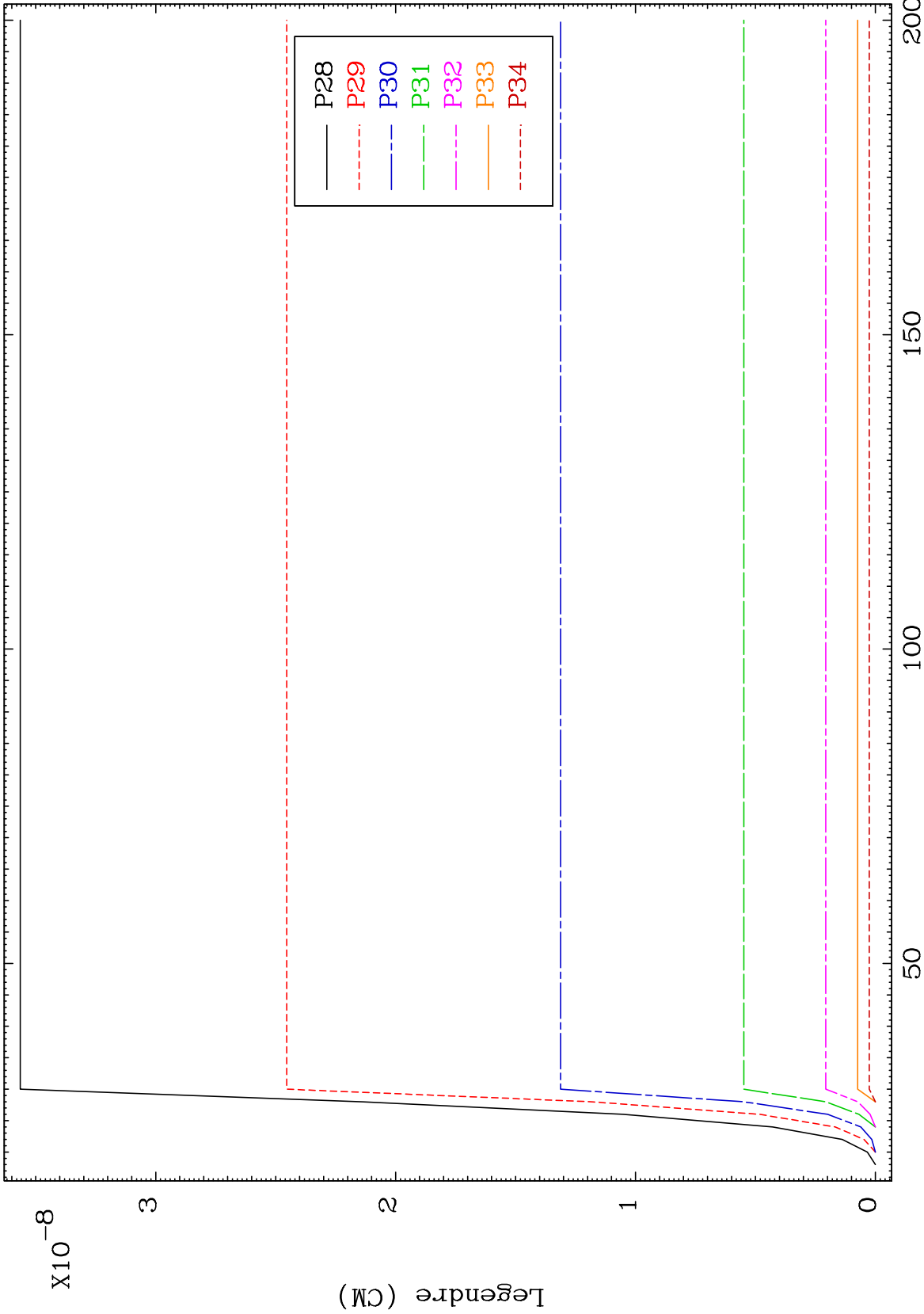
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



45

50

100

150

200

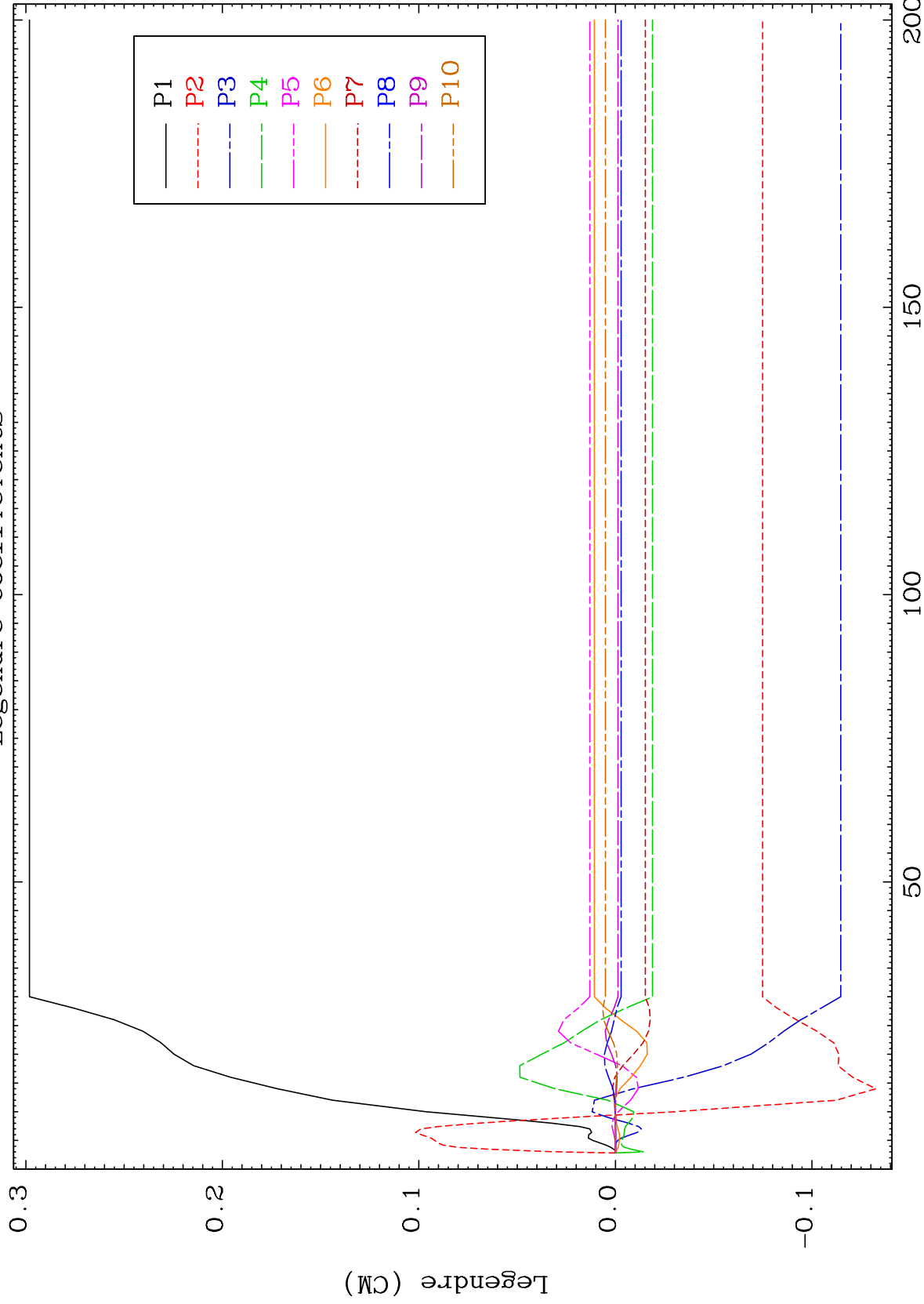
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



46

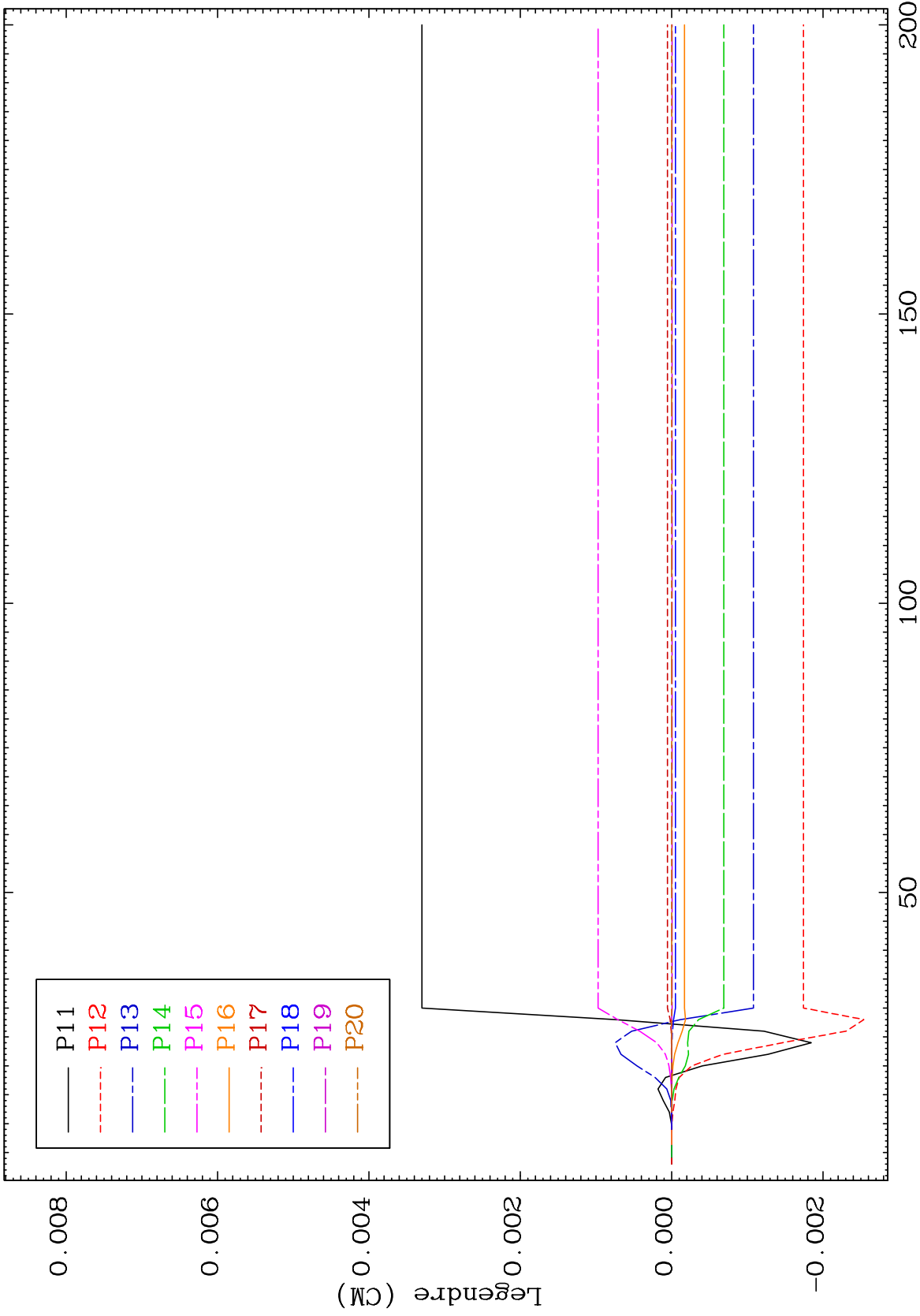
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



47

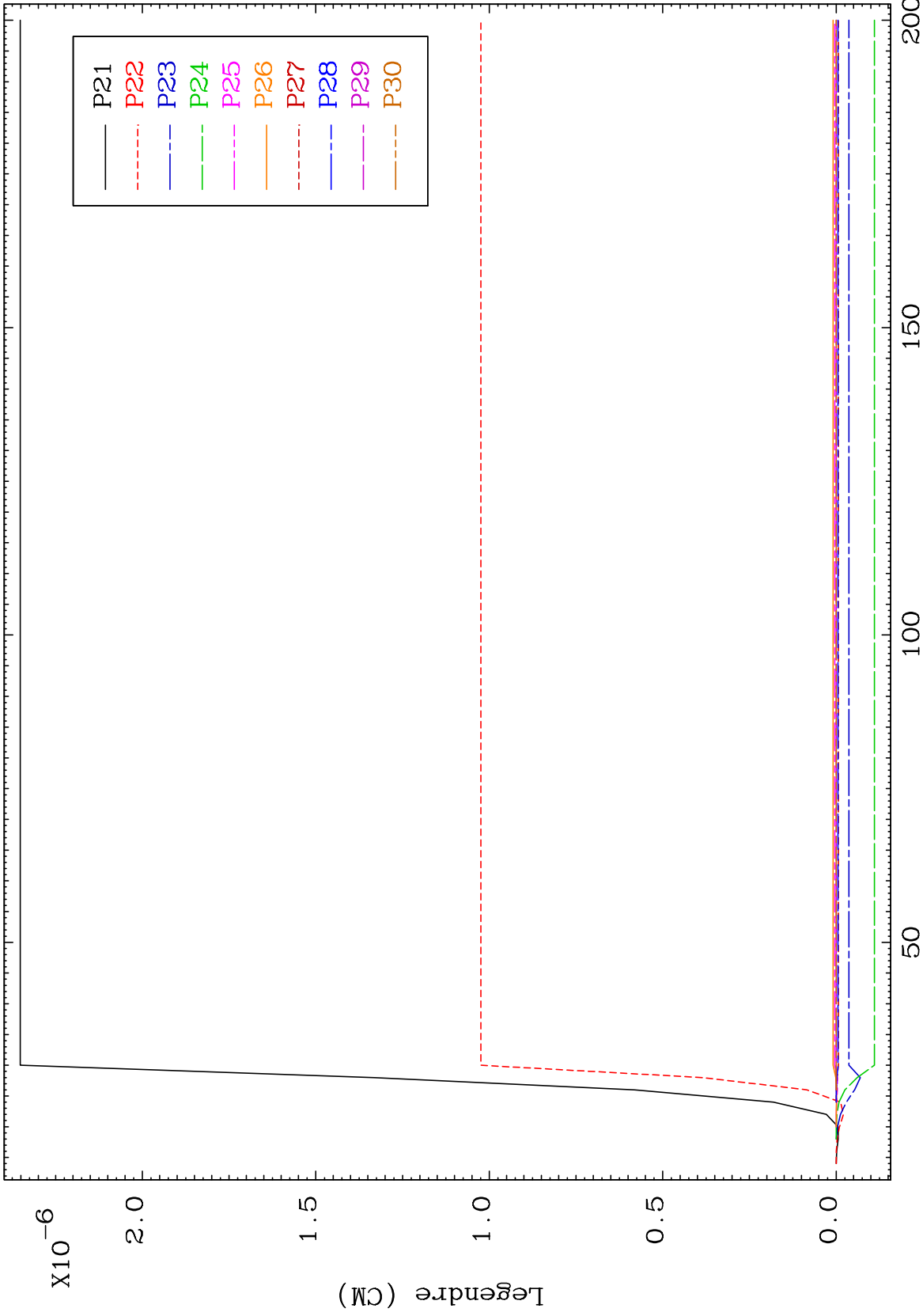
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



48

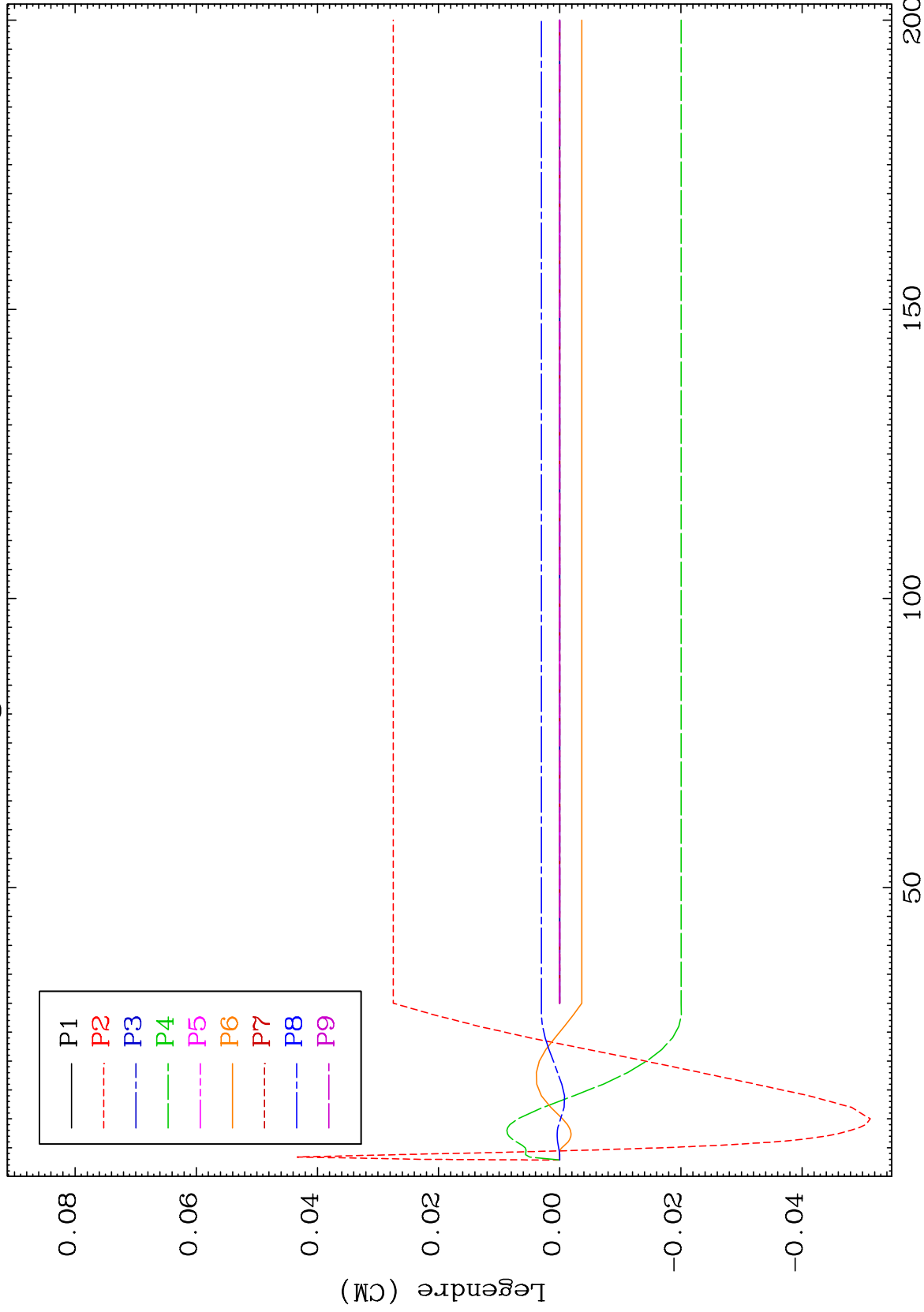
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



49

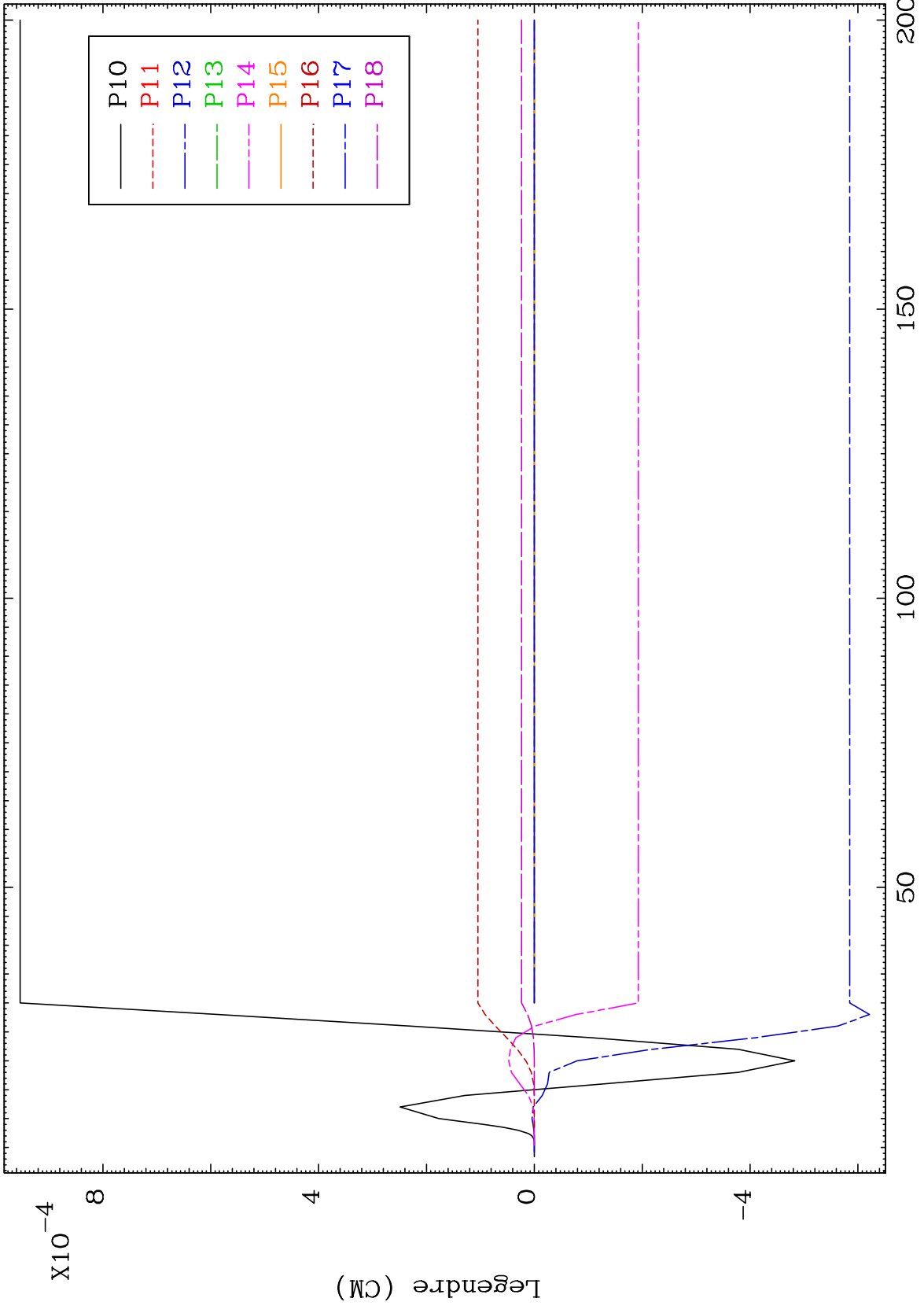
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



50

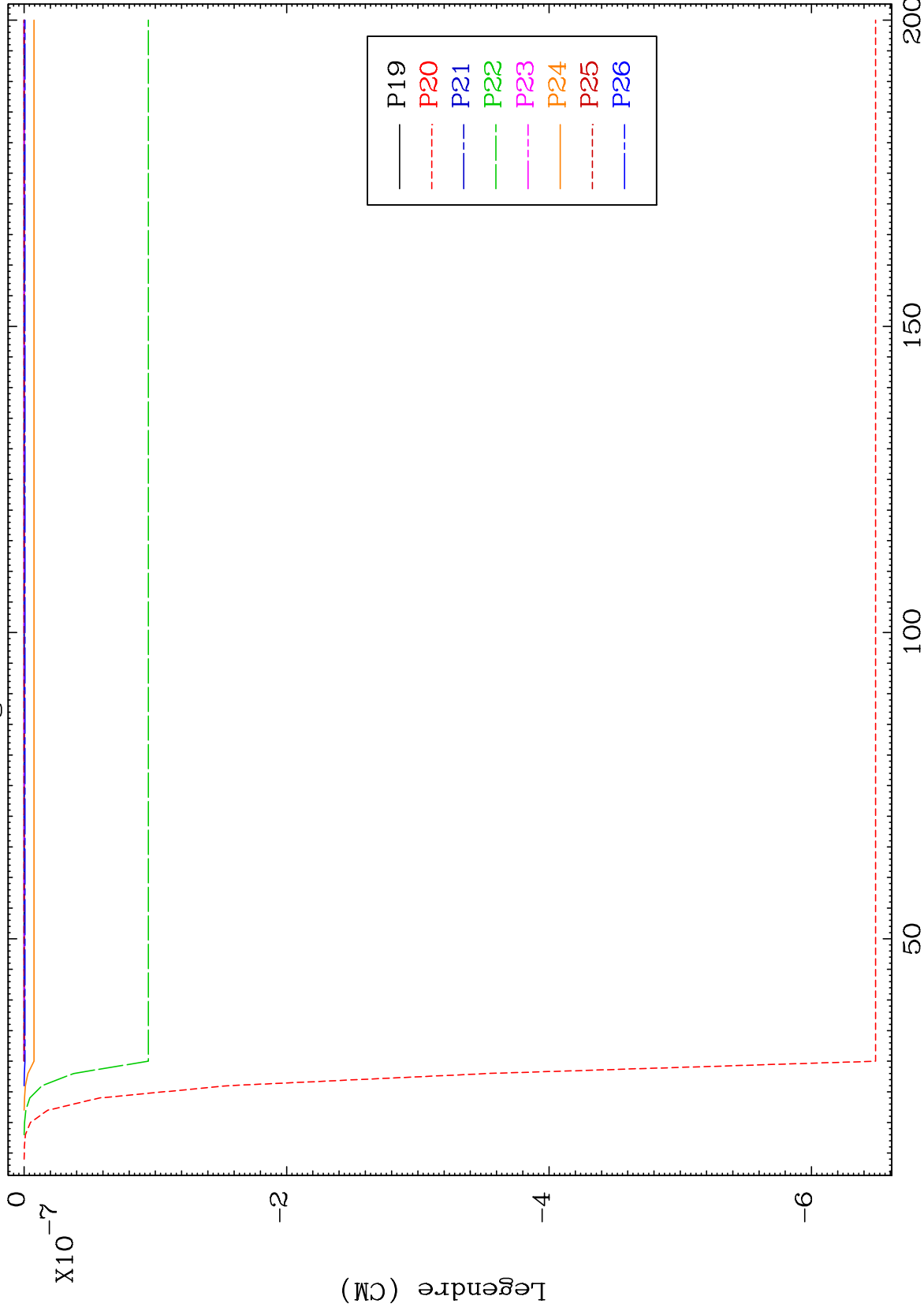
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



51

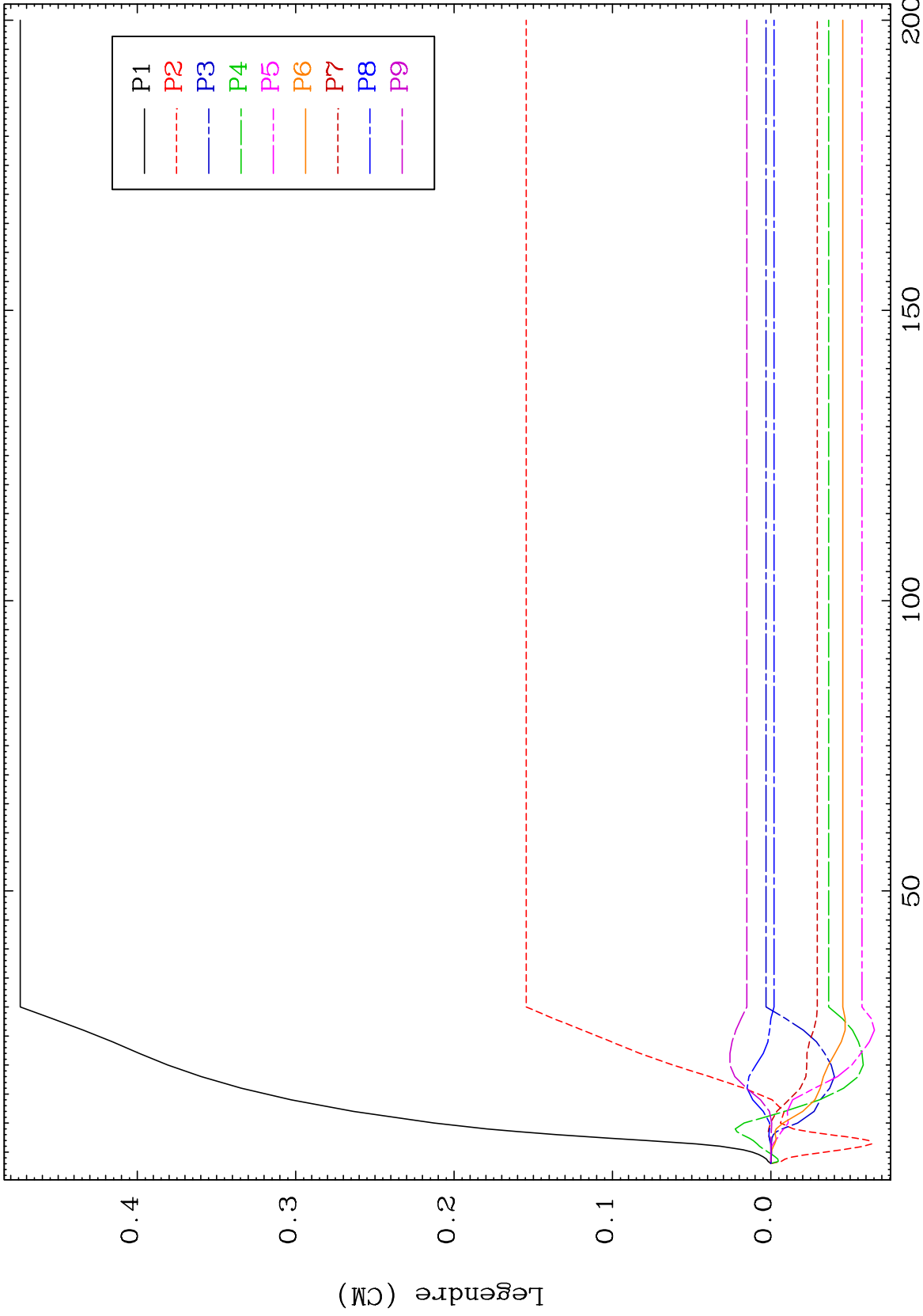
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



52

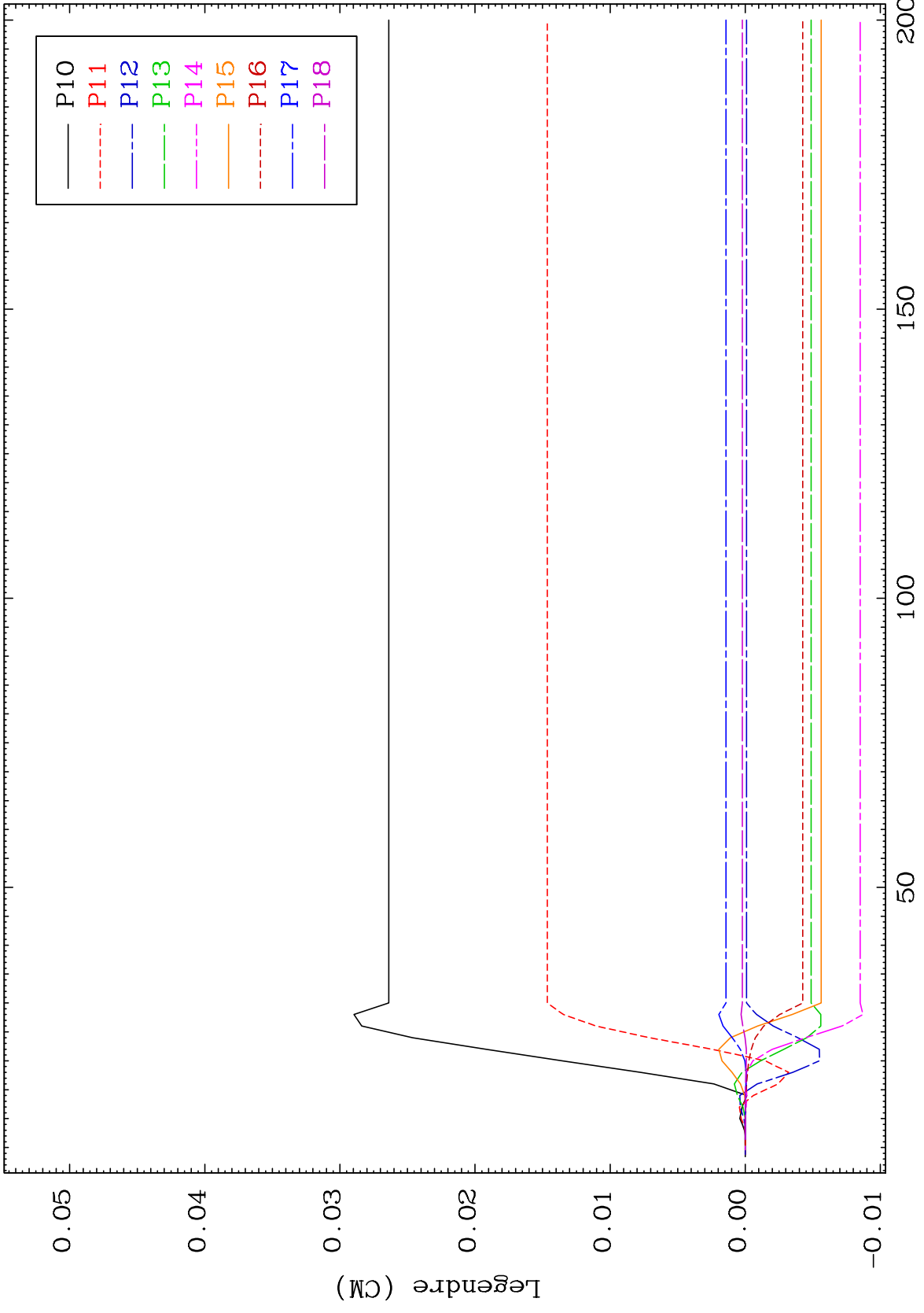
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150



53

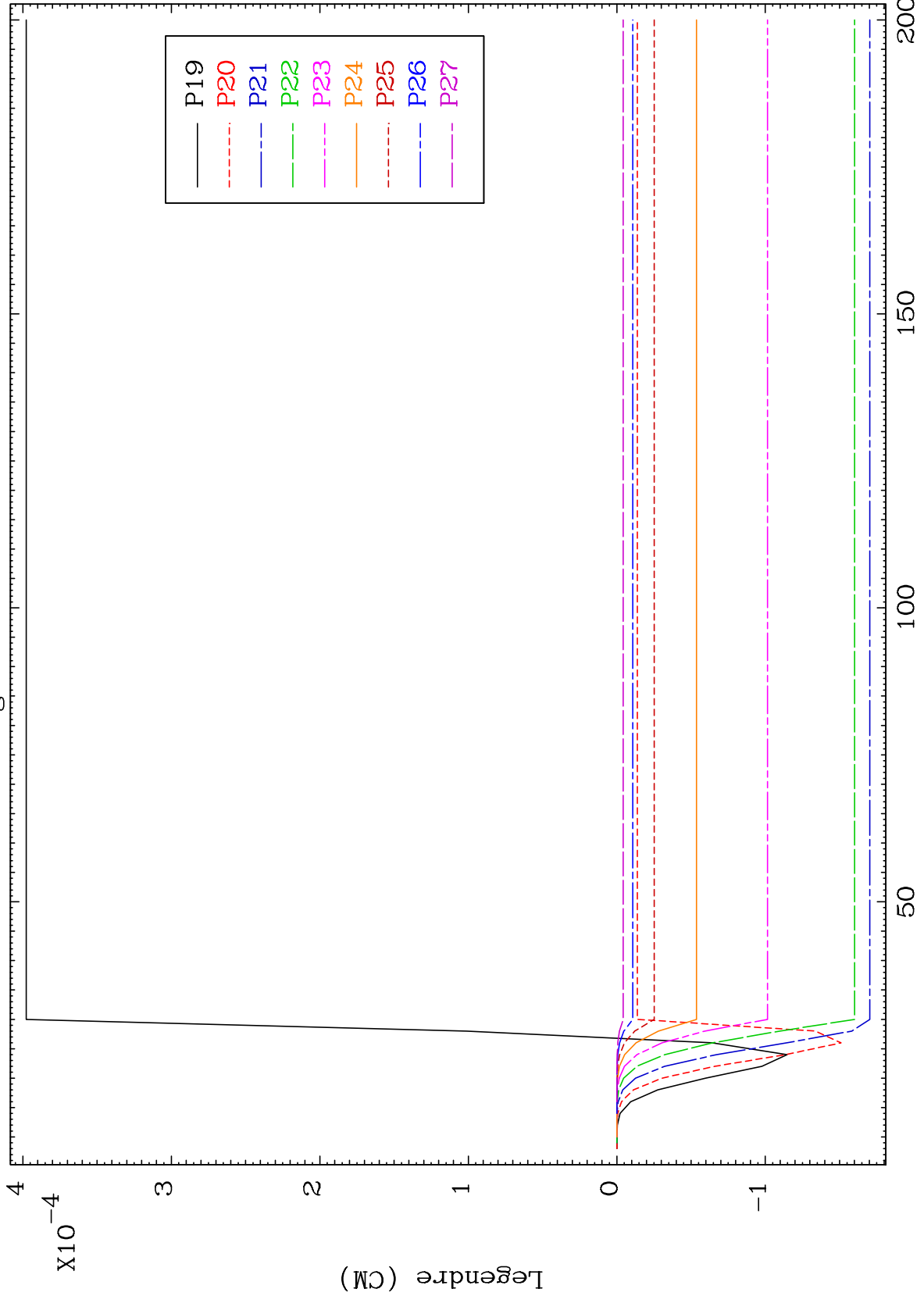
Incident Energy (MeV)

68-Er-150

MAT 6789

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

68-Er-150

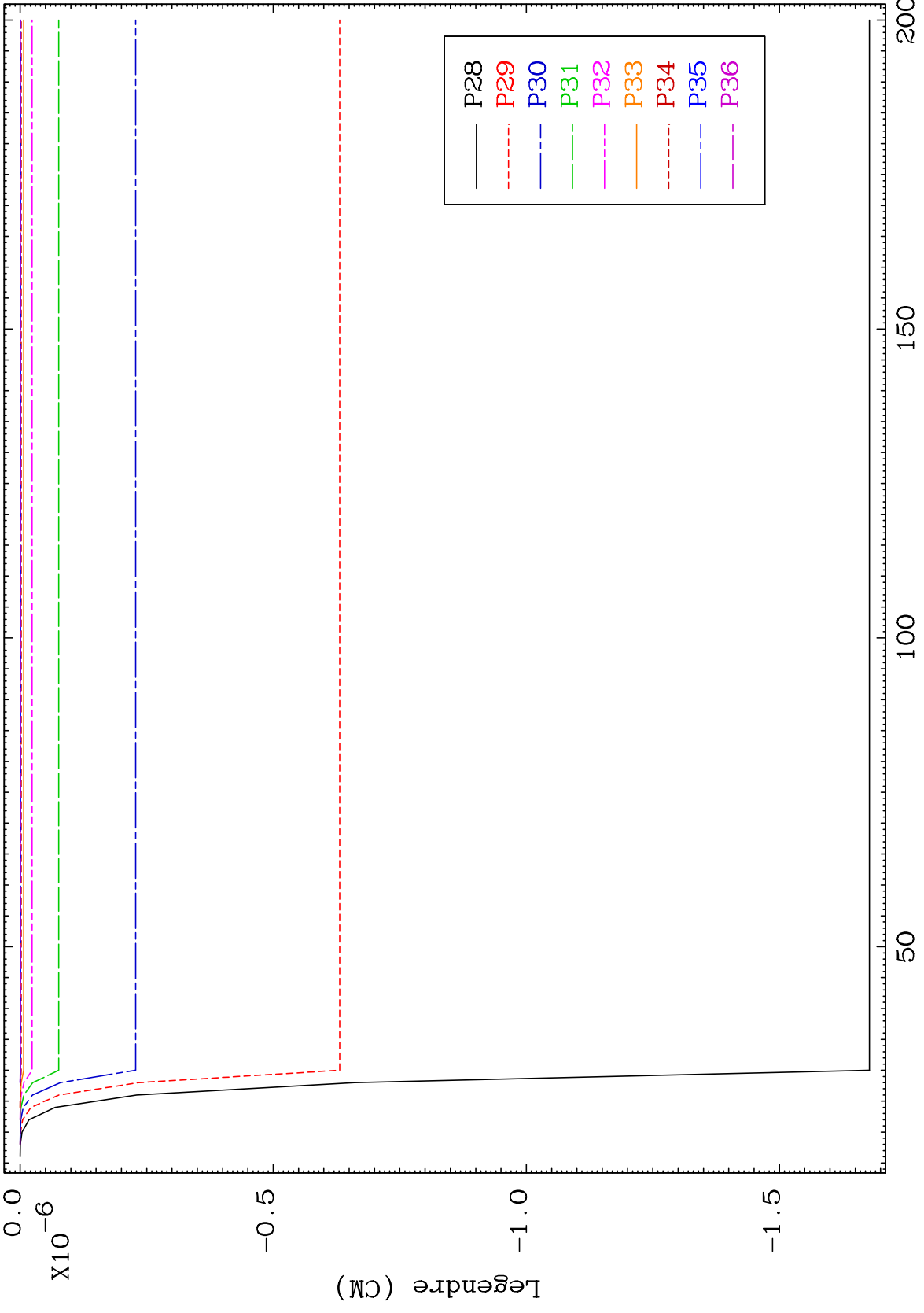


54

Incident Energy (MeV)

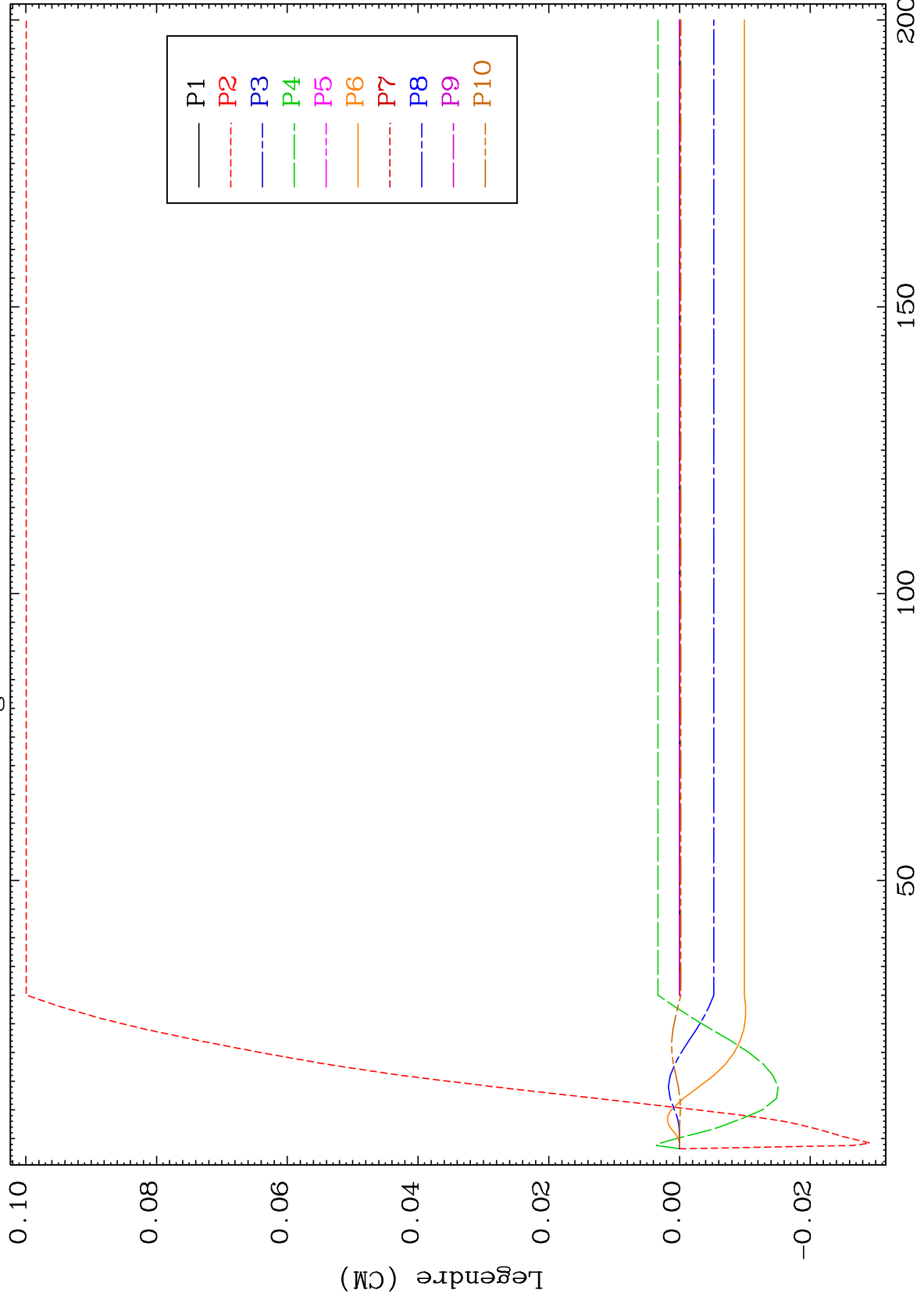
68-Er-150

MAT 6789 MT= 60 (n,n') Level Legendre Coefficients 68-Er-150



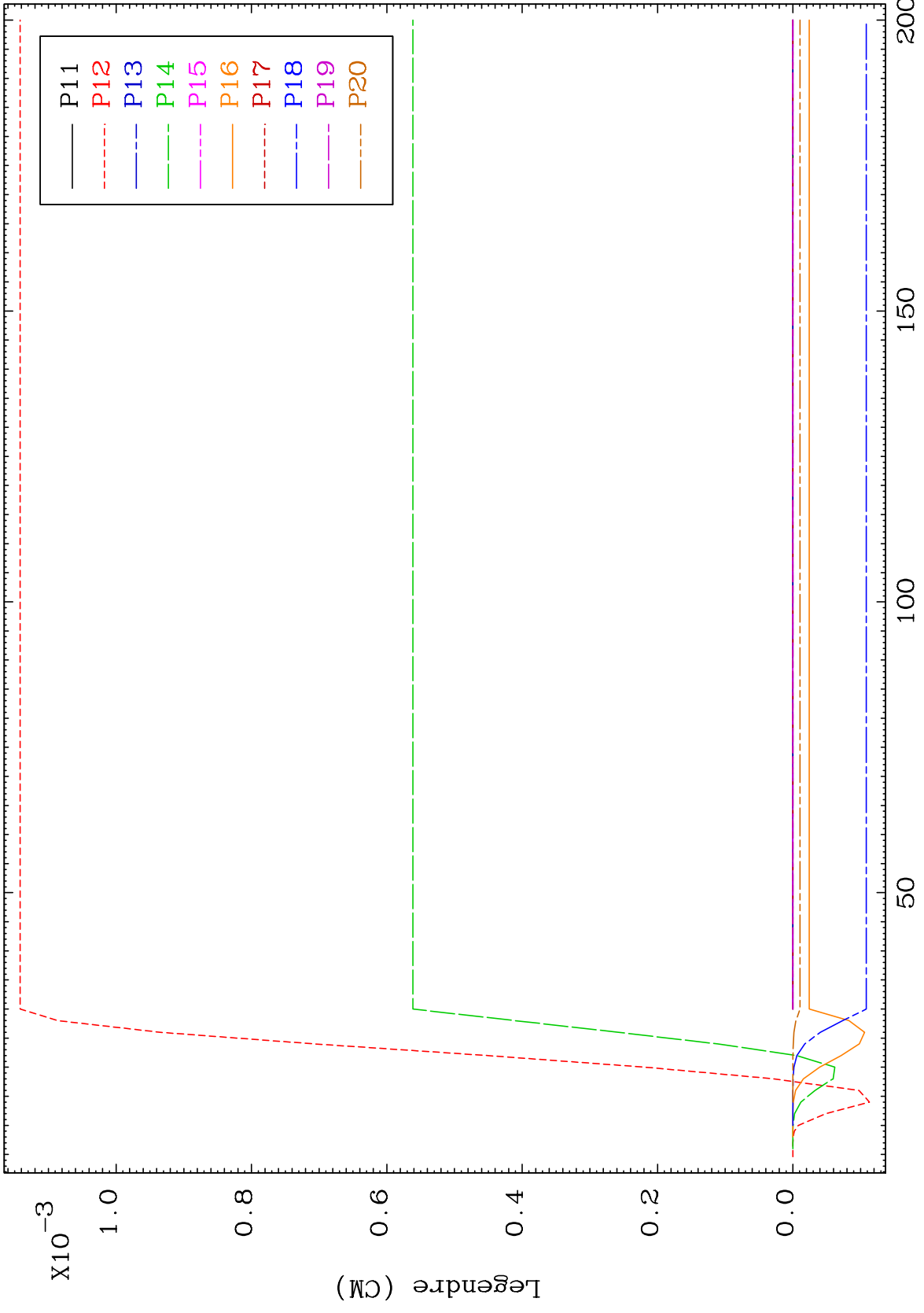
55 Incident Energy (MeV) 68-Er-150

MAT 6789 MT= 61 (n,n') Level Legendre Coefficients 68-Er-150

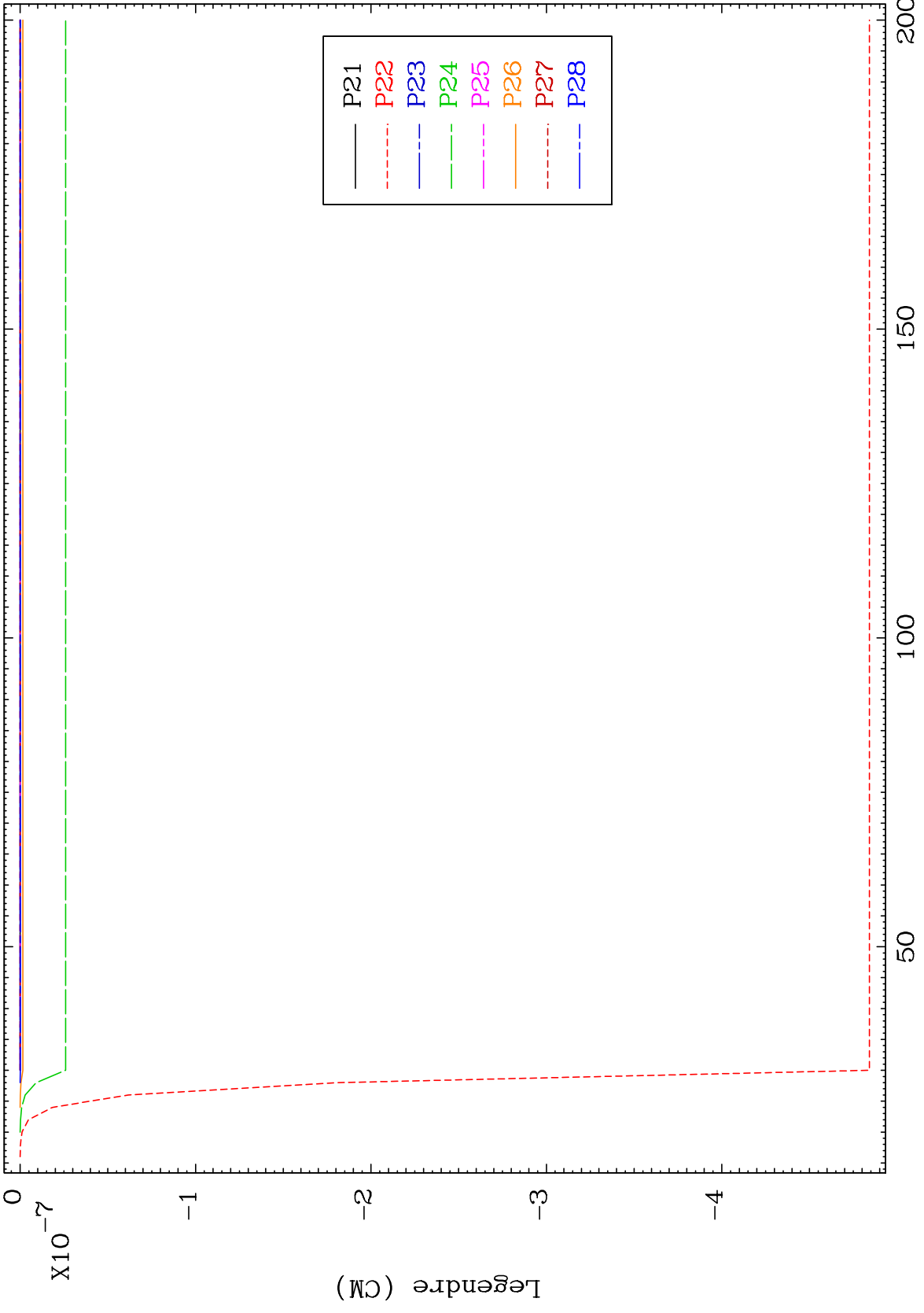


56 68-Er-150

MAT 6789 MT= 61 (n,n') Level Legendre Coefficients 68-Er-150



MAT 6789 MT= 61 (n,n') Level Legendre Coefficients 68-Er-150

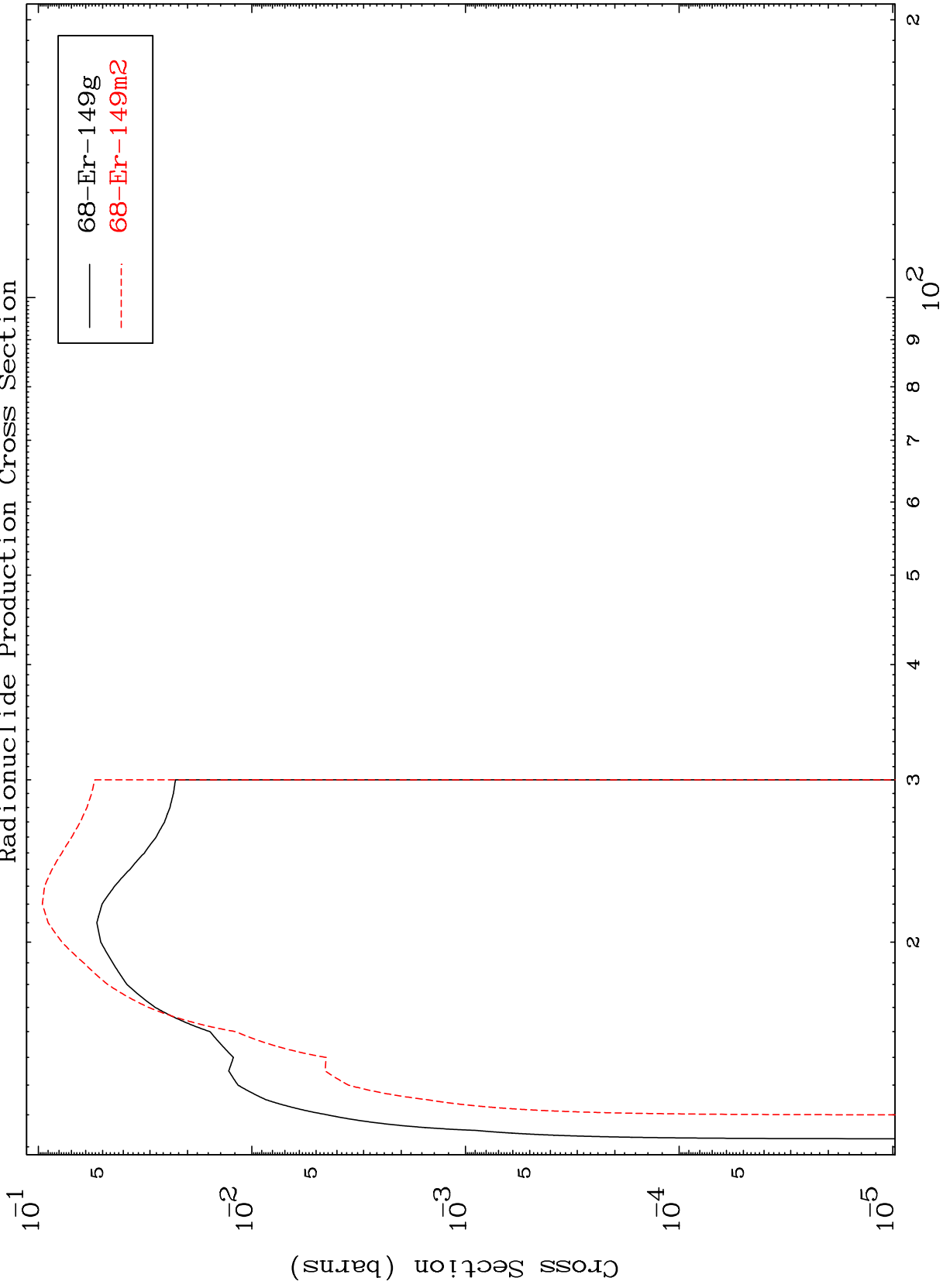


58 Incident Energy (MeV) 68-Er-150

MAT 6789

68-Er-150

(n,2n)
Radionuclide Production Cross Section



59

Incident Energy (MeV)

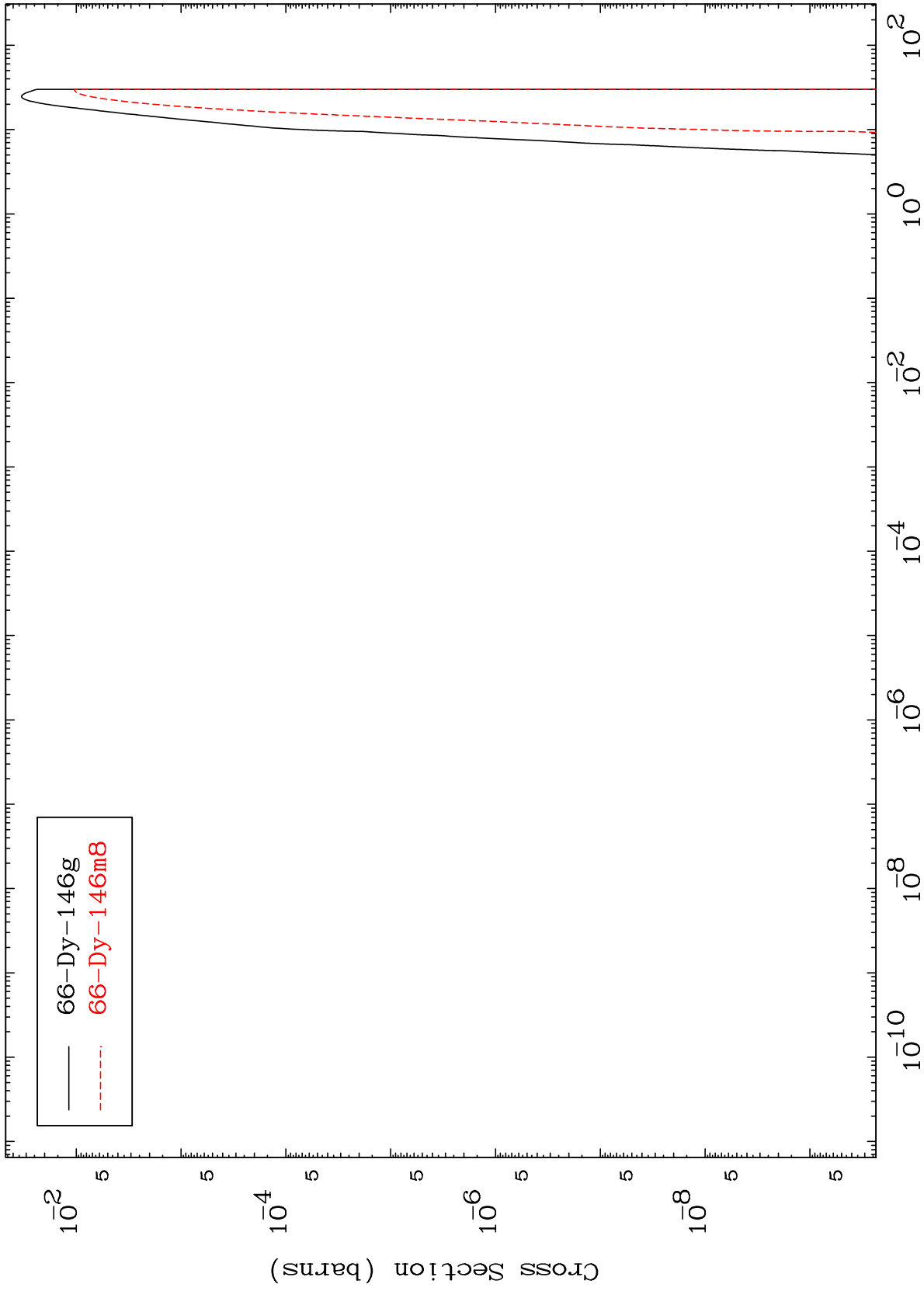
68-Er-150

MAT 6789

(n,n') α

68-Er-150

Radionuclide Production Cross Section

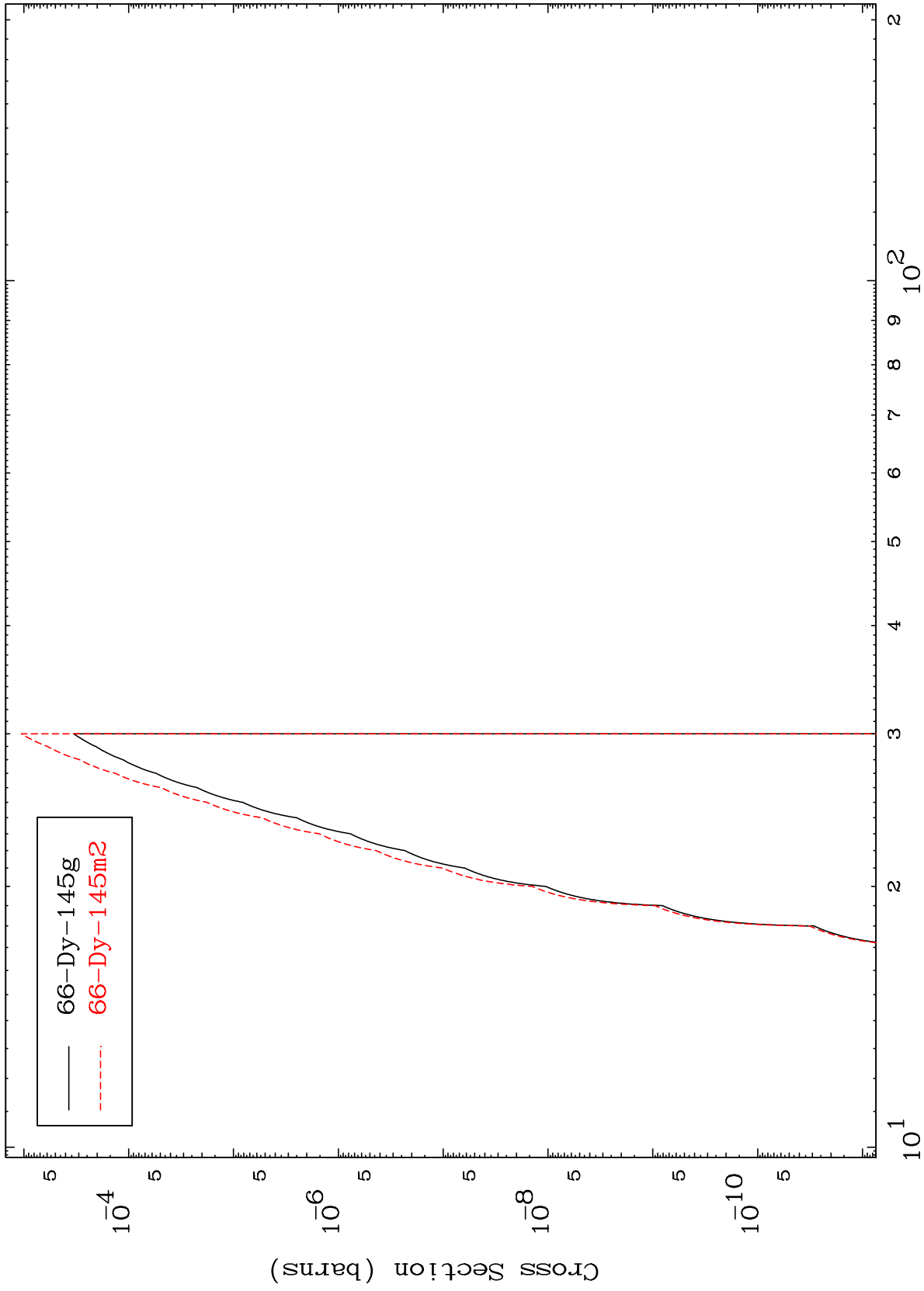


MAT 6789

(n,2n) α

68-Er-150

Radionuclide Production Cross Section



61

Incident Energy (MeV)

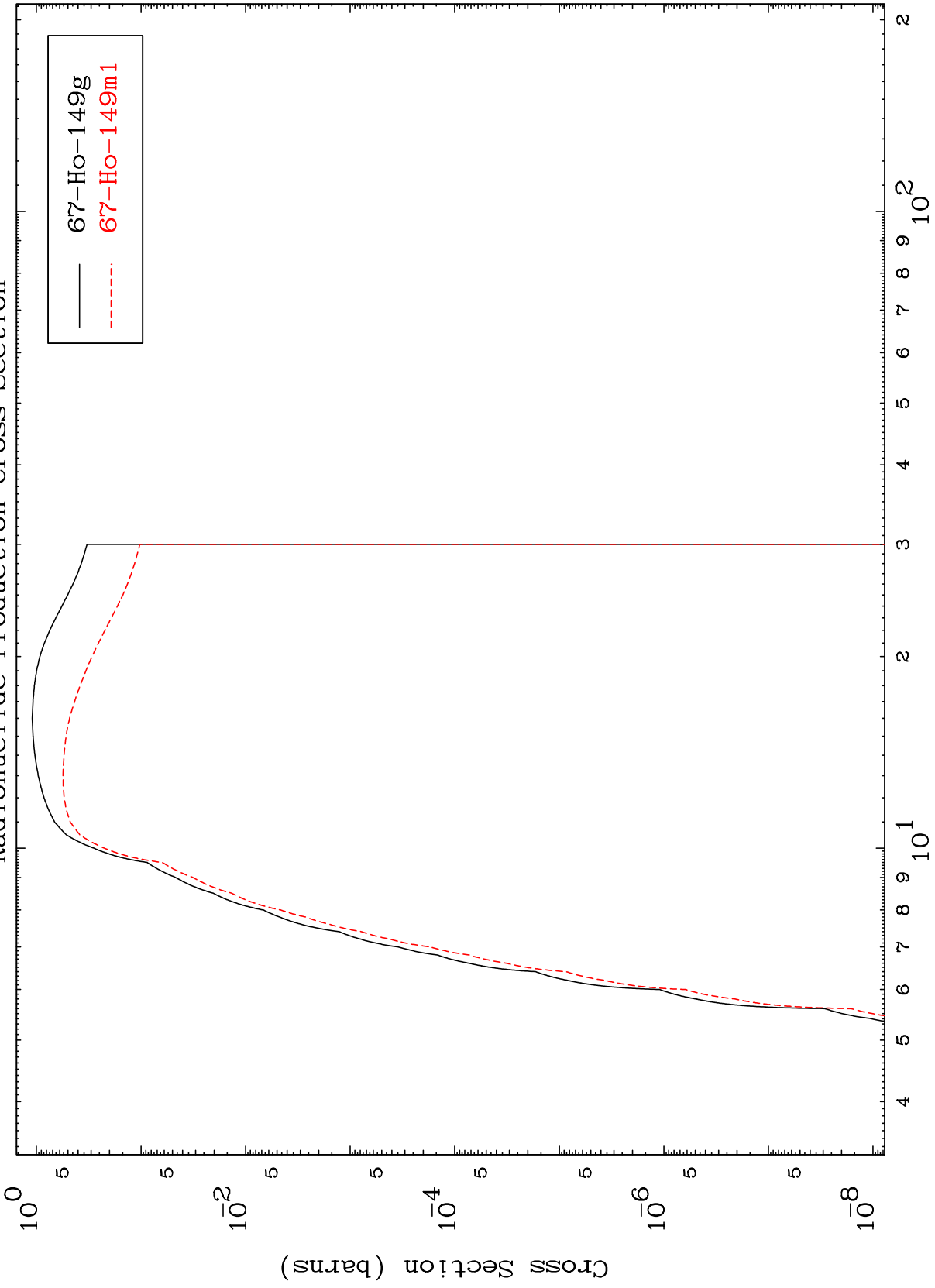
68-Er-150

MAT 6789

(n,n') p

68-Er-150

Radionuclide Production Cross Section



62

Incident Energy (MeV)

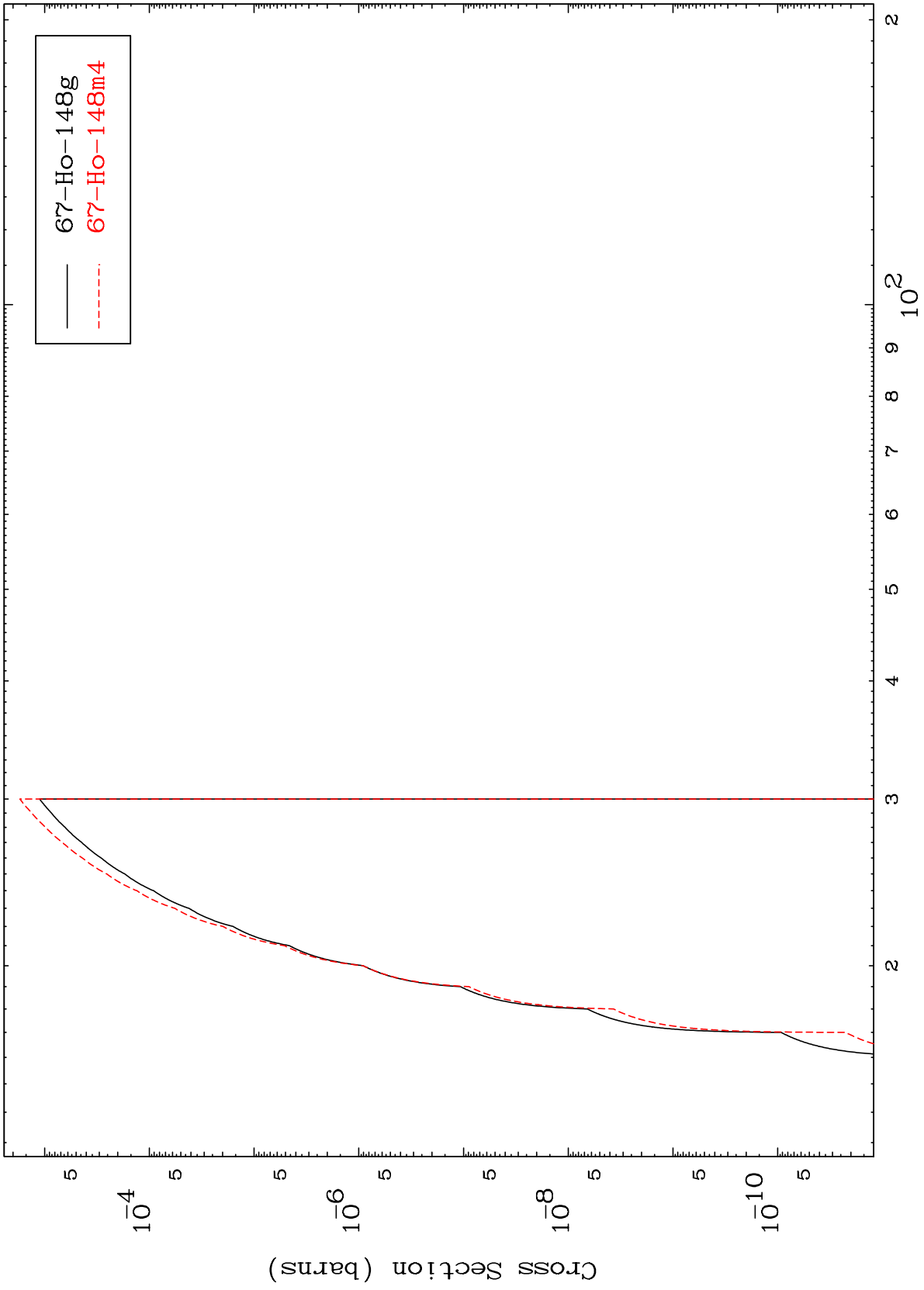
68-Er-150

MAT 6789

(n,n') d

68-Er-150

Radionuclide Production Cross Section



63

Incident Energy (MeV)

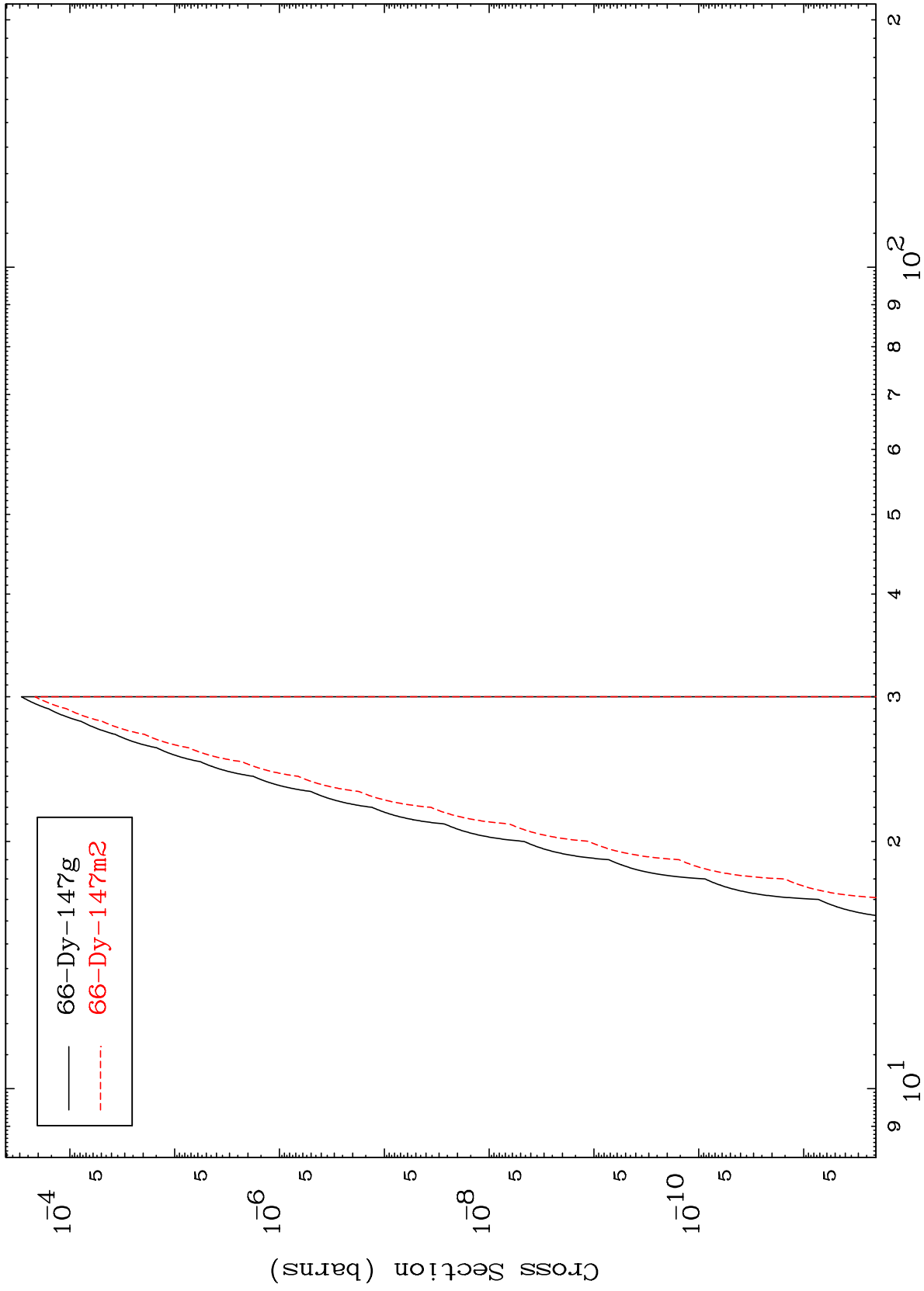
68-Er-150

MAT 6789

(n, n') He-3

68-Er-150

Radionuclide Production Cross Section



64

Incident Energy (MeV)

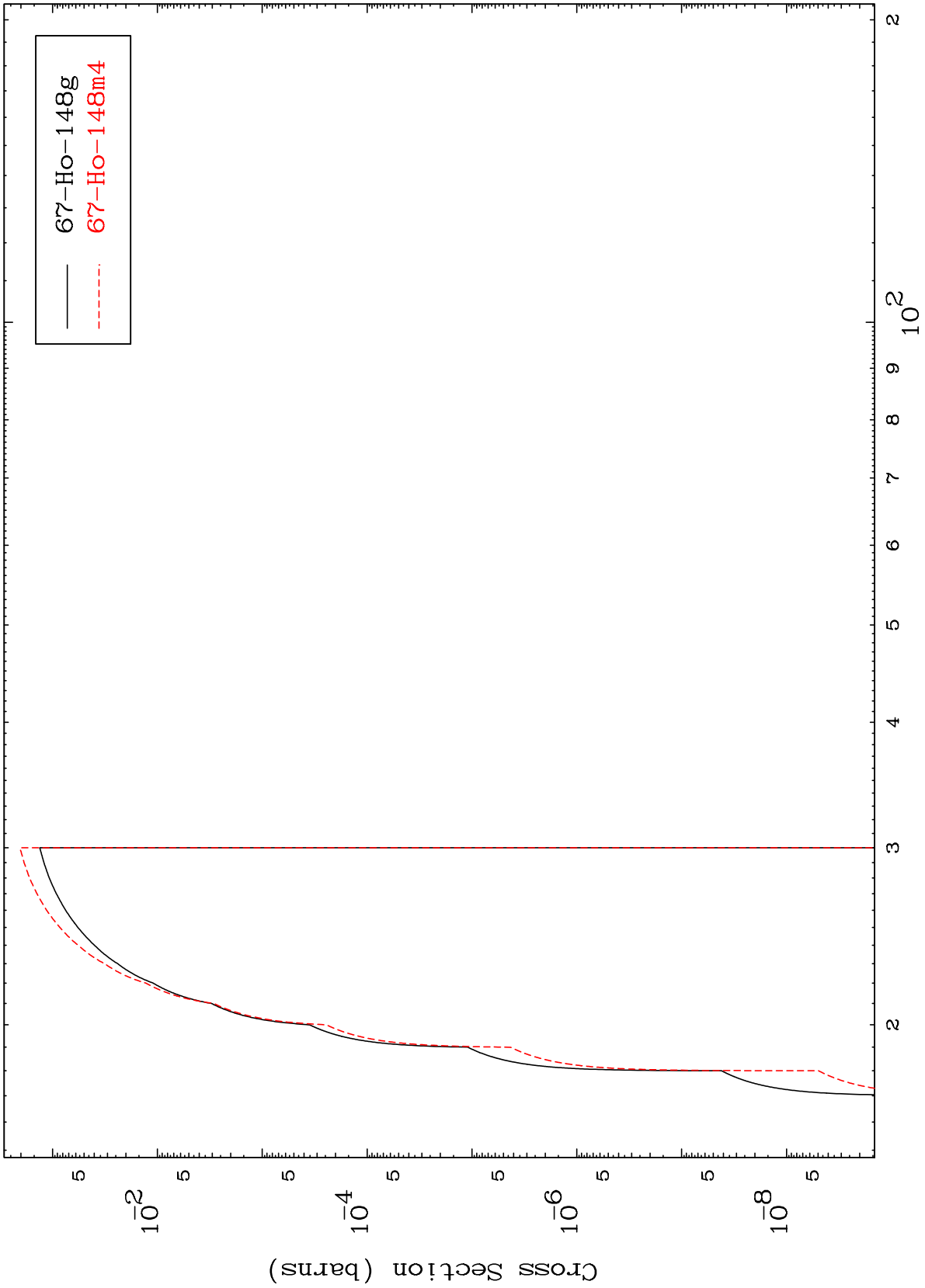
68-Er-150

MAT 6789

(n,2n) p

68-Er-150

Radionuclide Production Cross Section



65

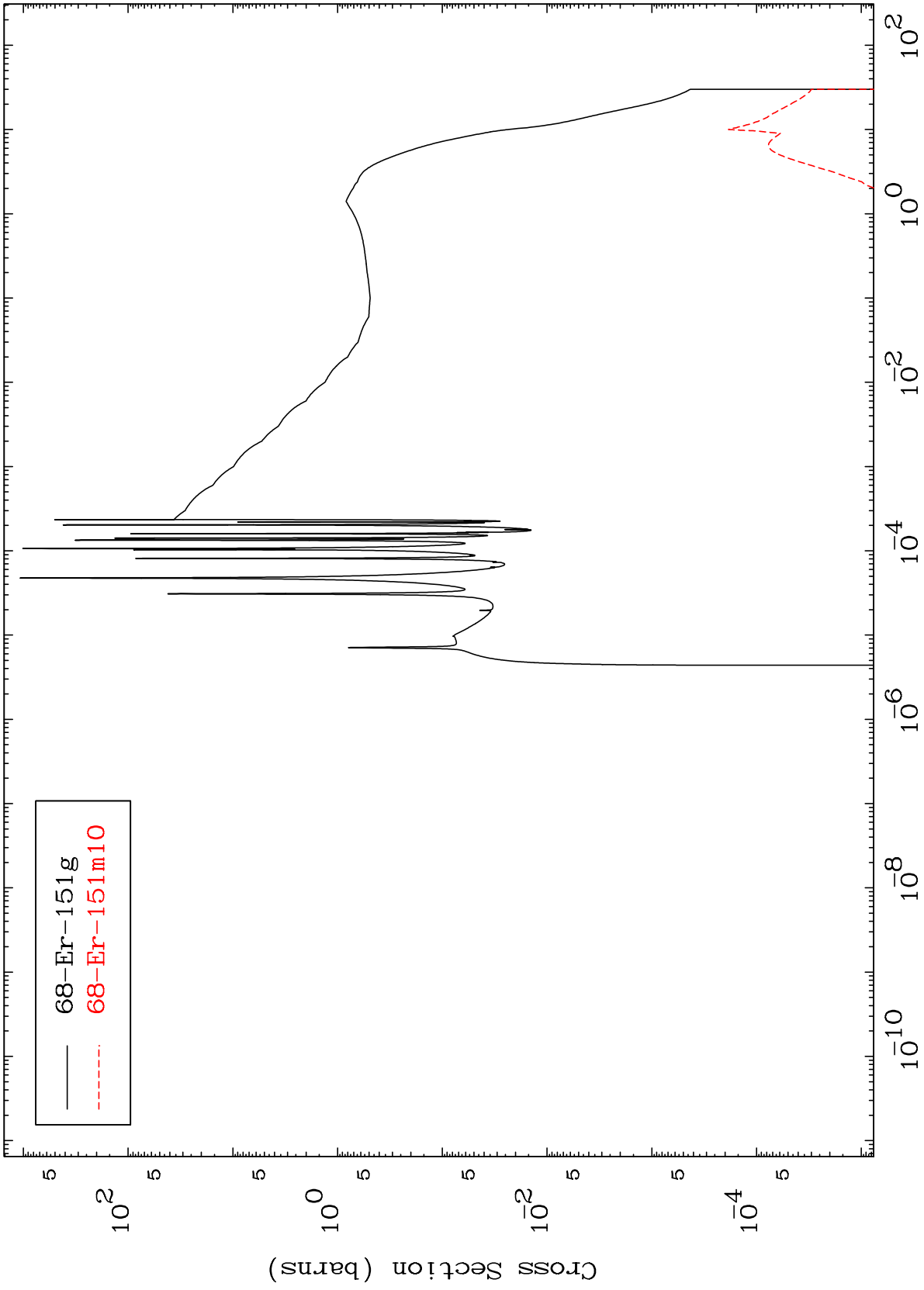
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n,γ)
Radionuclide Production Cross Section



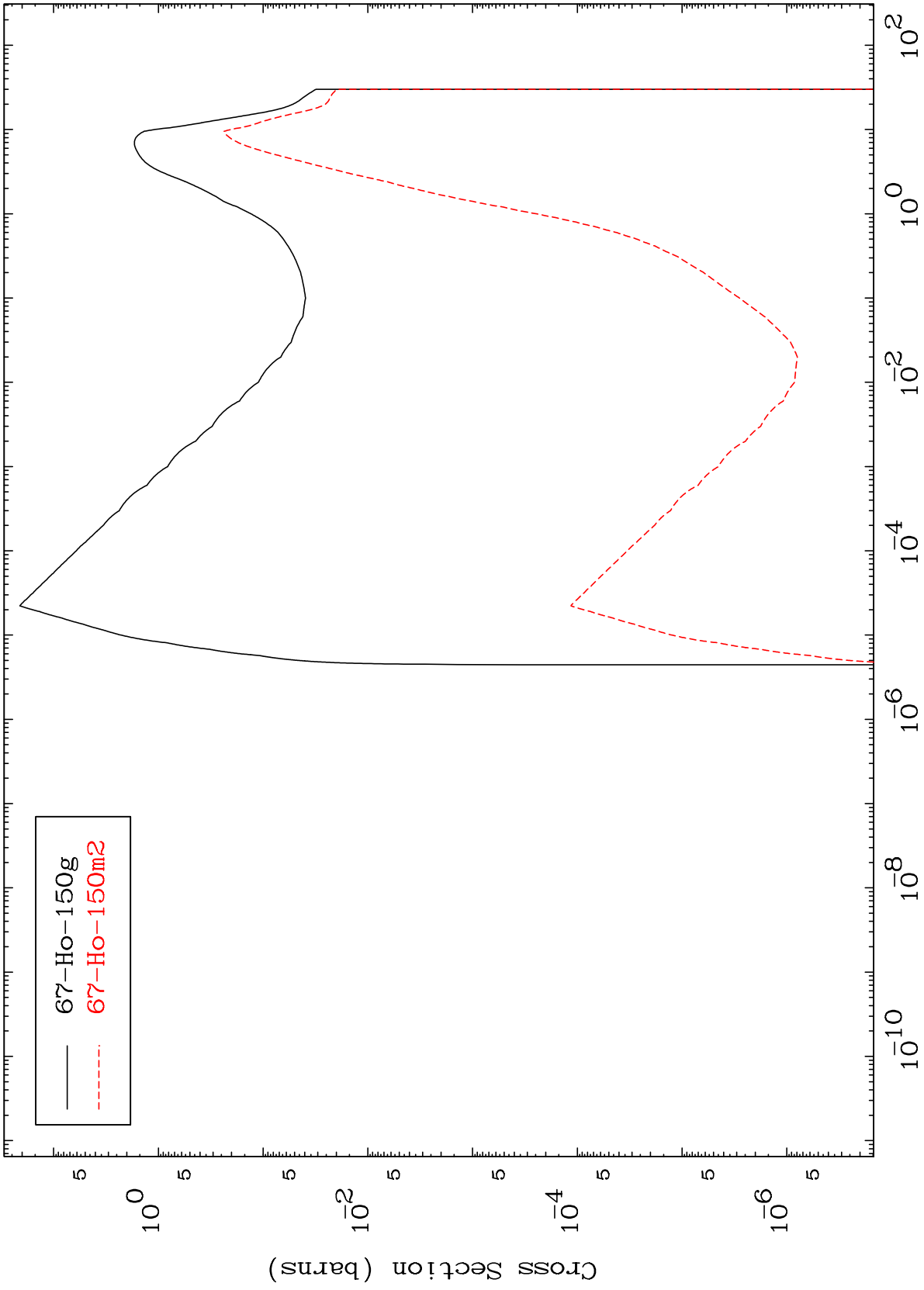
66

68-Er-150

MAT 6789

68-Er-150

(n,p)
Radionuclide Production Cross Section



67-Er-150g
67-Er-150m2

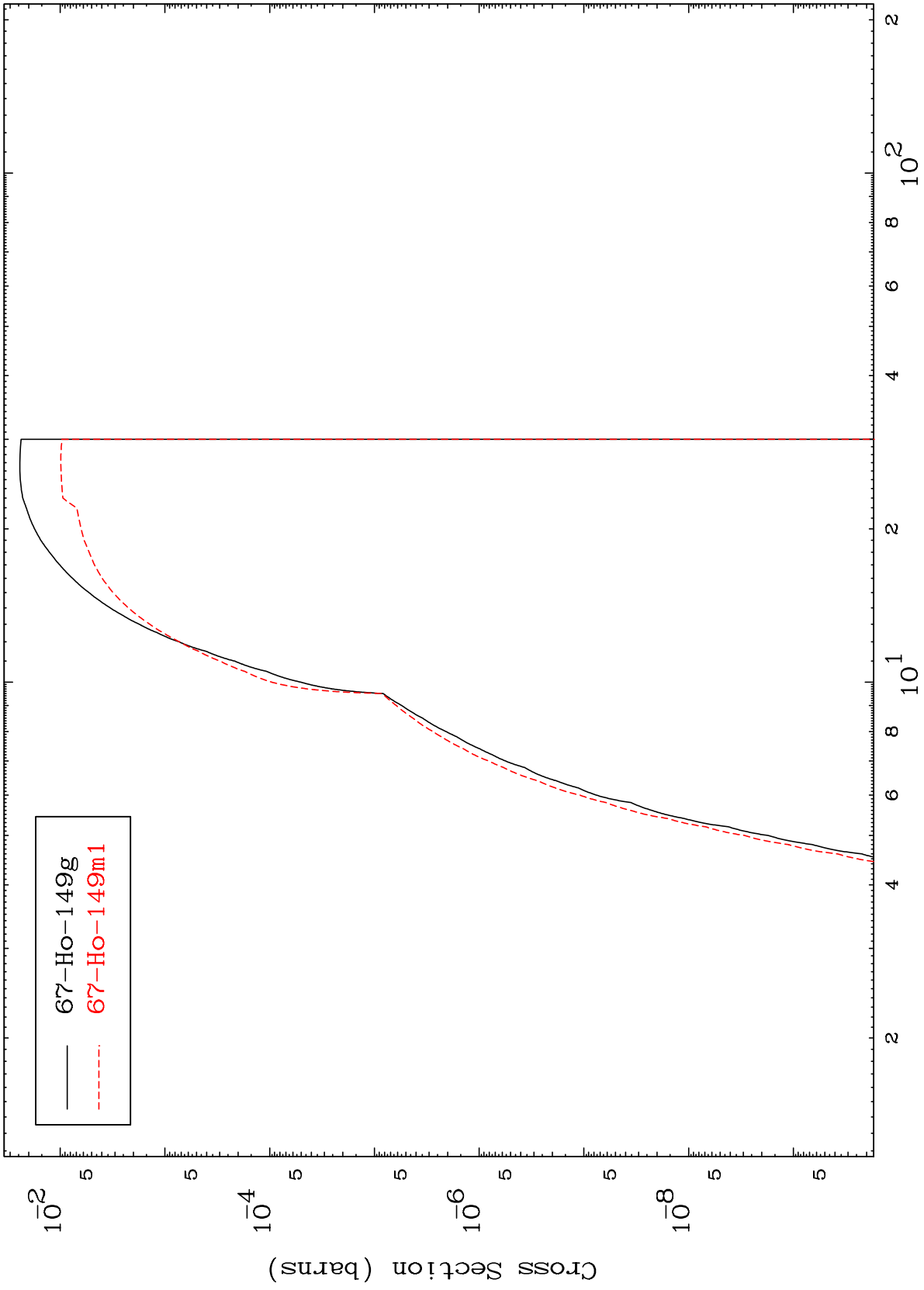
67

68-Er-150

MAT 6789

68-Er-150

(n,d)
Radionuclide Production Cross Section



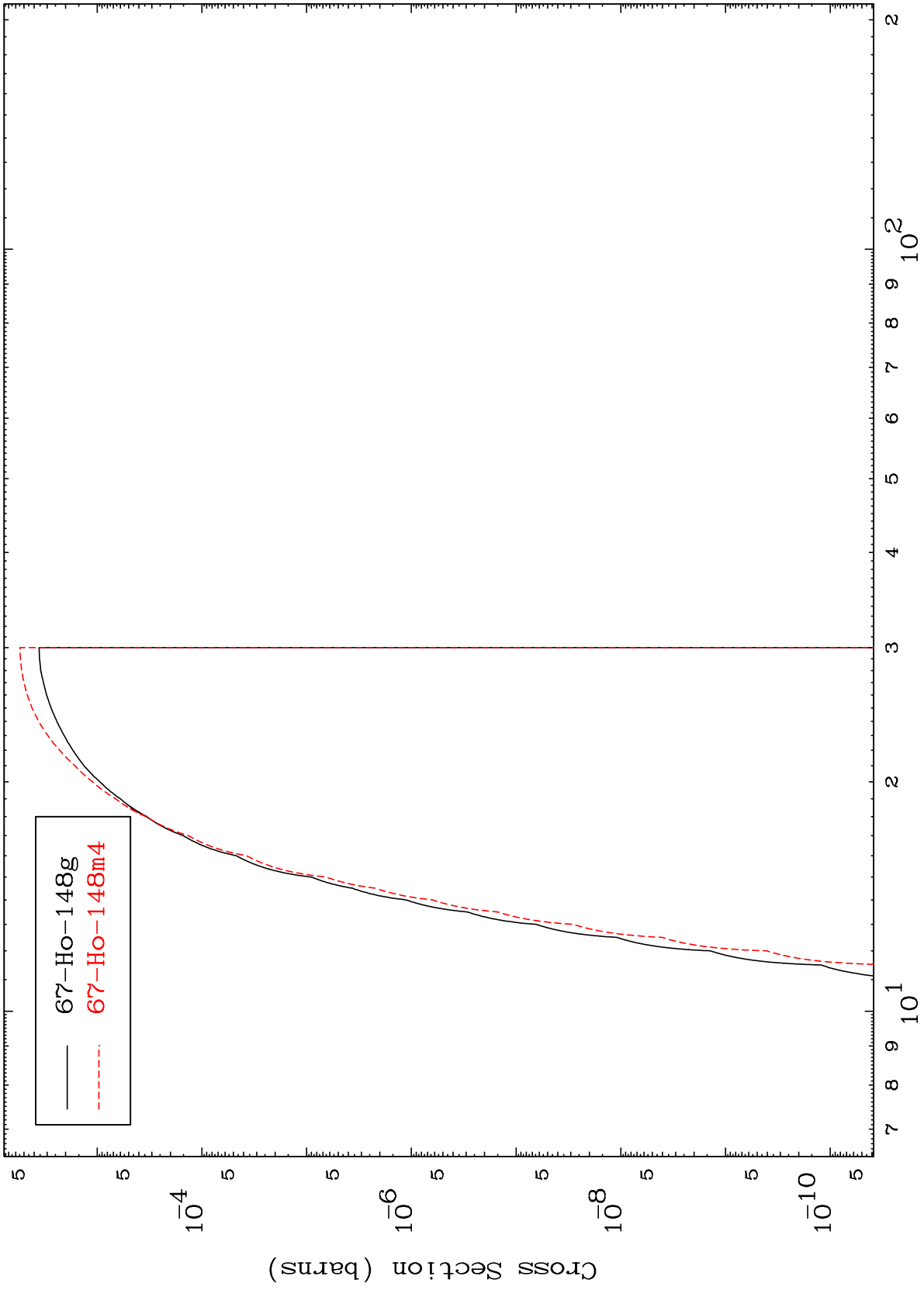
68

68-Er-150

MAT 6789

68-Er-150

(n, t)
Radionuclide Production Cross Section



69

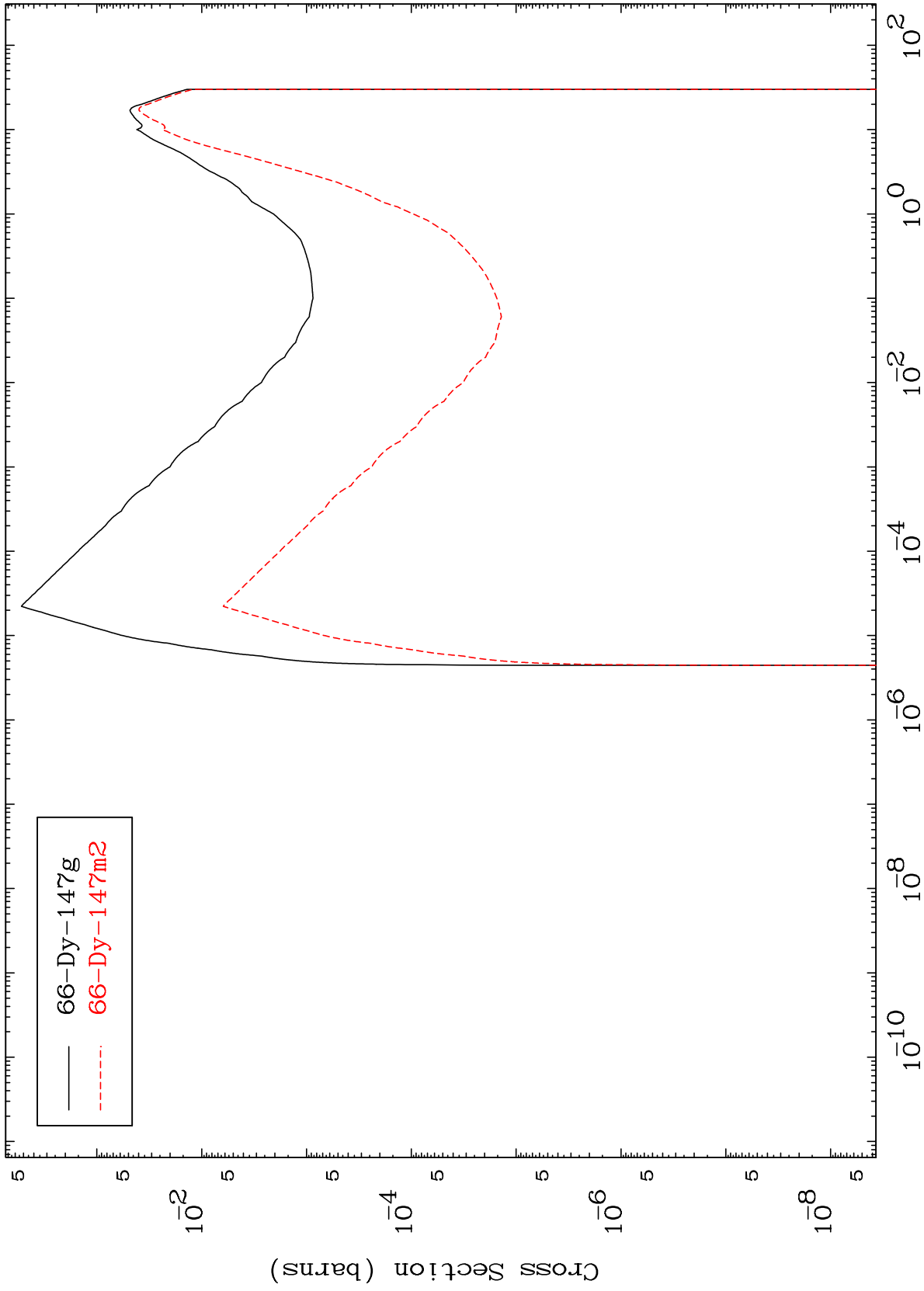
Incident Energy (MeV)

68-Er-150

MAT 6789

68-Er-150

(n,α)
Radionuclide Production Cross Section



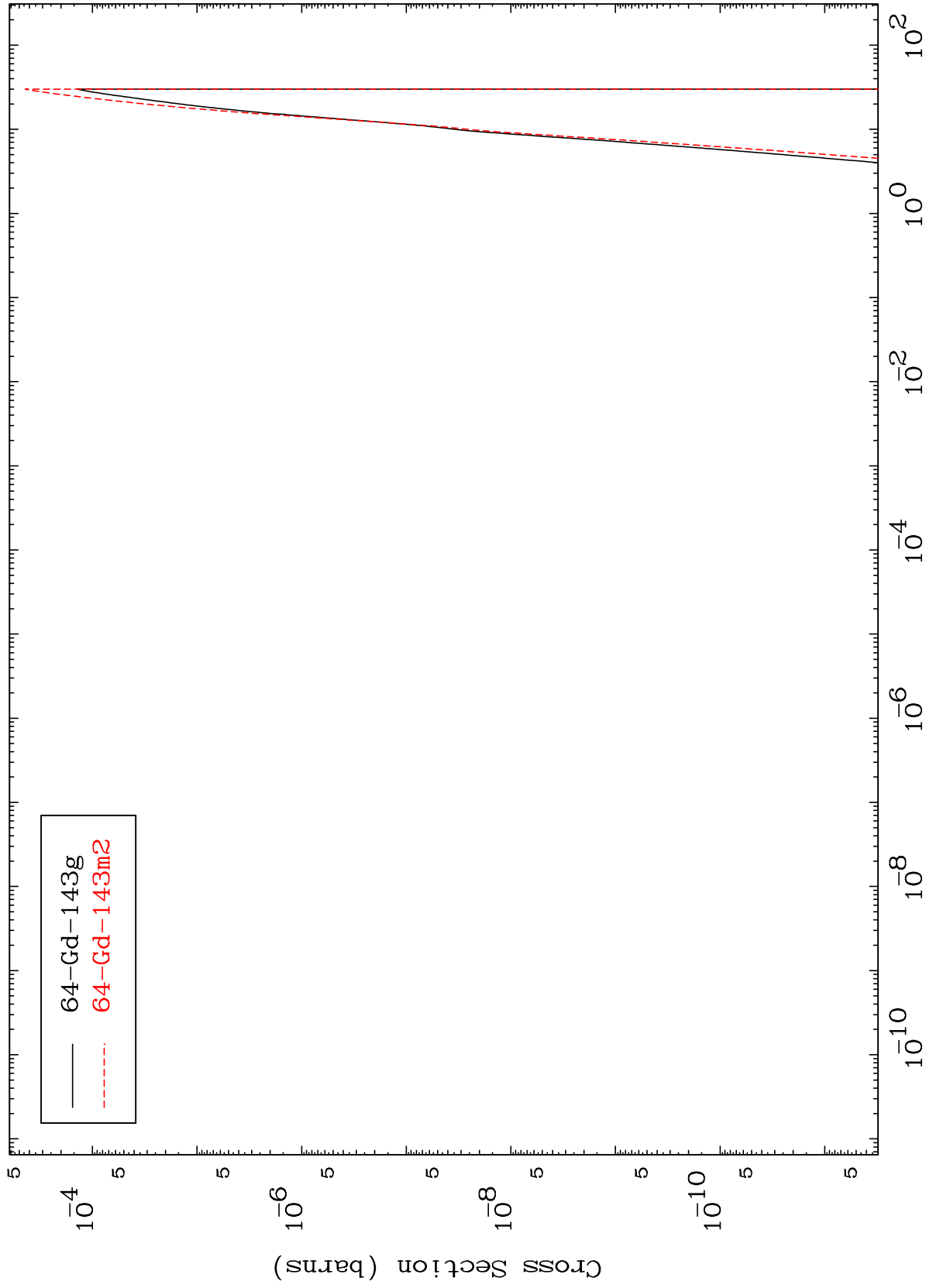
70

68-Er-150

MAT 6789

Radionuclide Production Cross Section
(n,2α)

68-Er-150



71

Incident Energy (MeV)

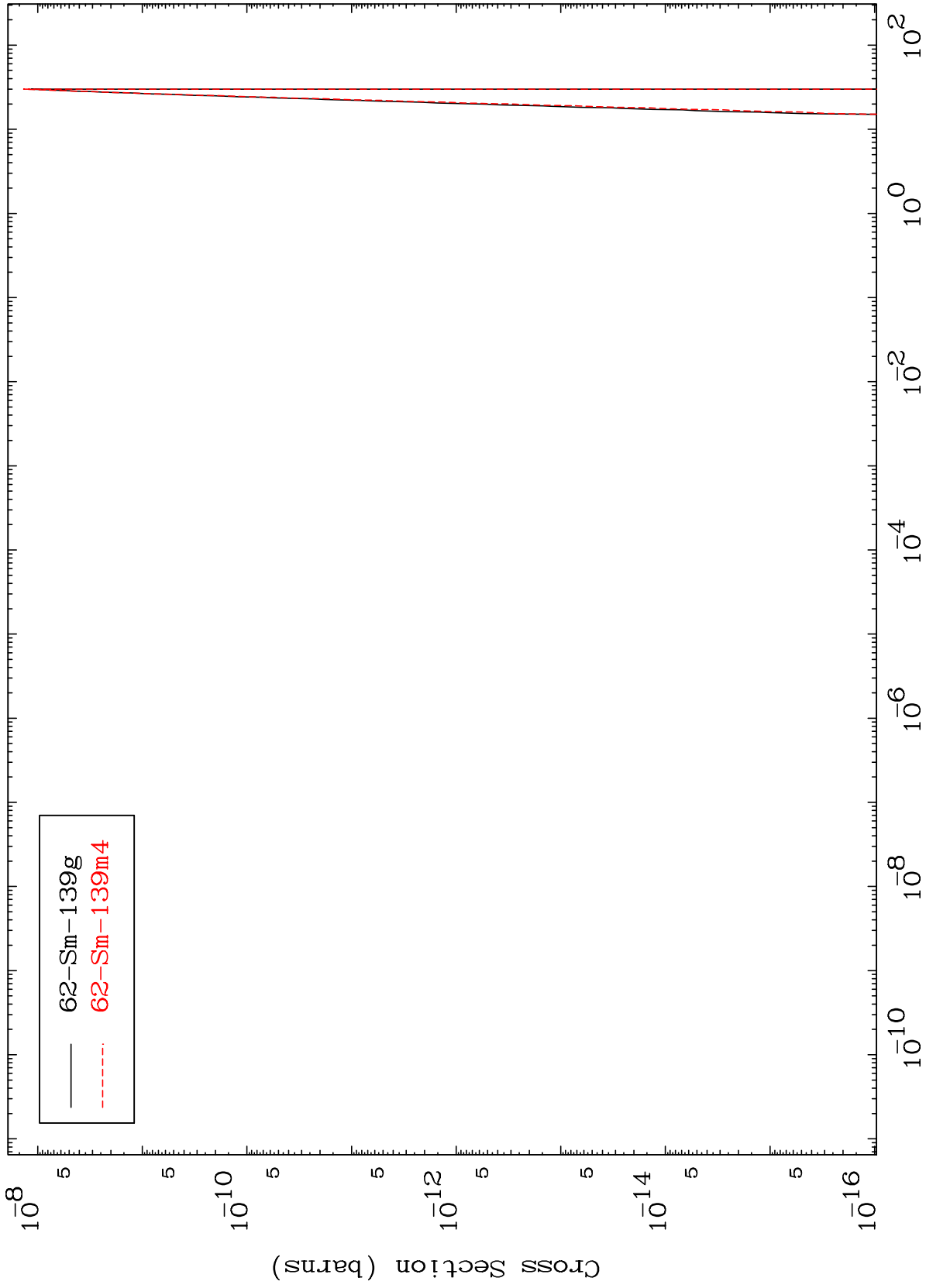
68-Er-150

MAT 6789

(n,3α)

68-Er-150

Radionuclide Production Cross Section



72

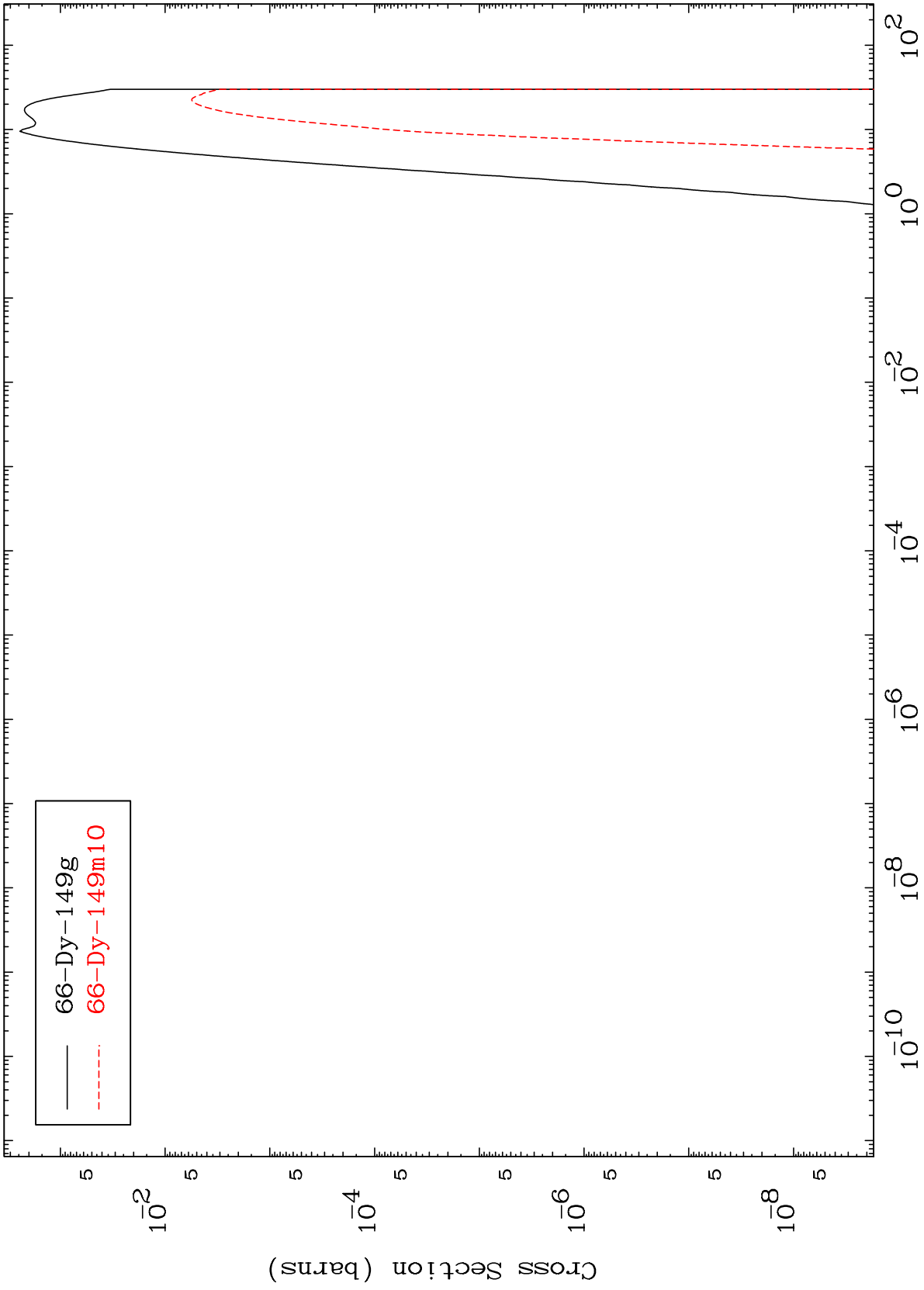
Incident Energy (MeV)

68-Er-150

MAT 6789

(n,2p)
Radionuclide Production Cross Section

68-Er-150



73

Incident Energy (MeV)

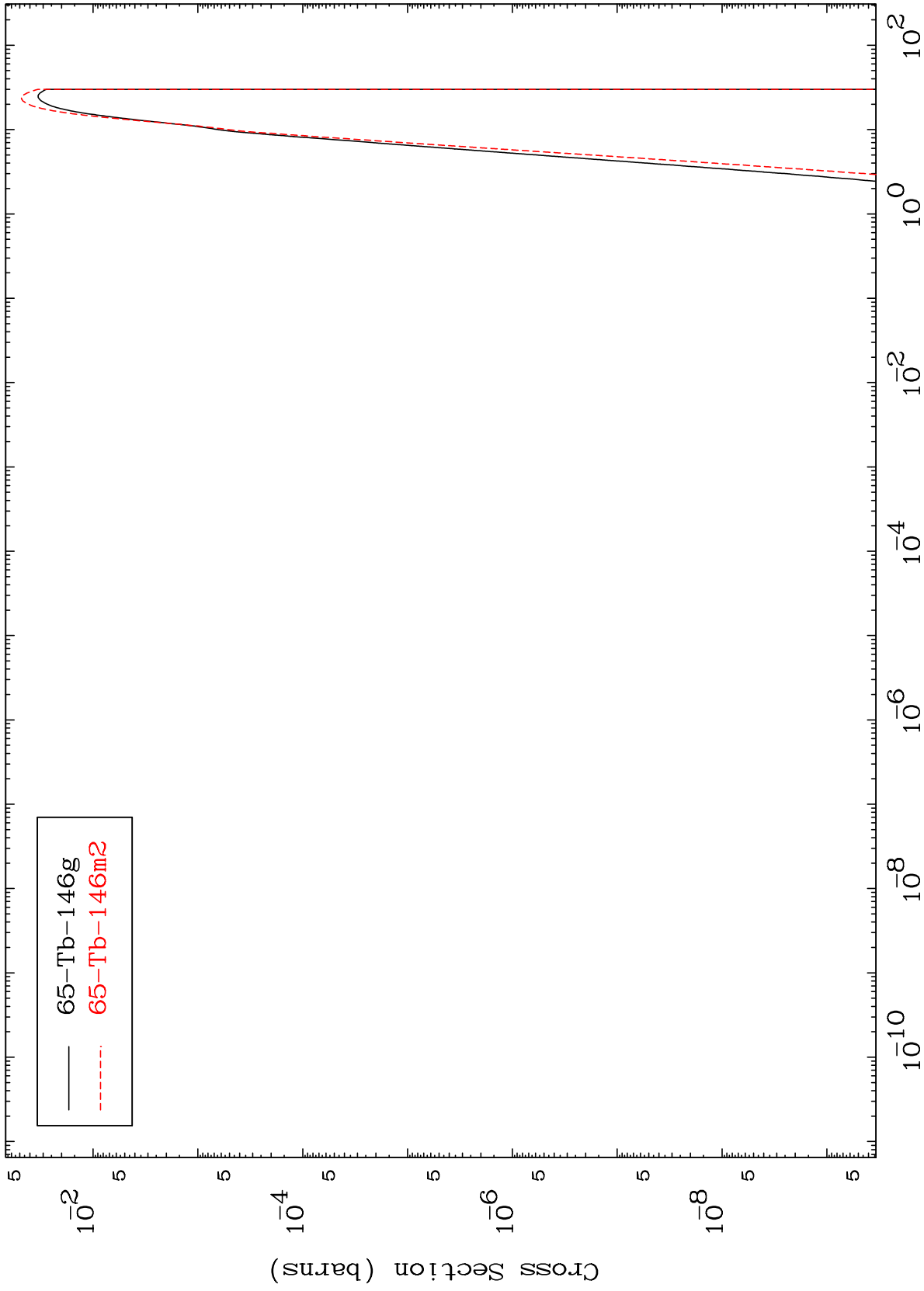
68-Er-150

MAT 6789

(n,p) α

68-Er-150

Radionuclide Production Cross Section



74

Incident Energy (MeV)

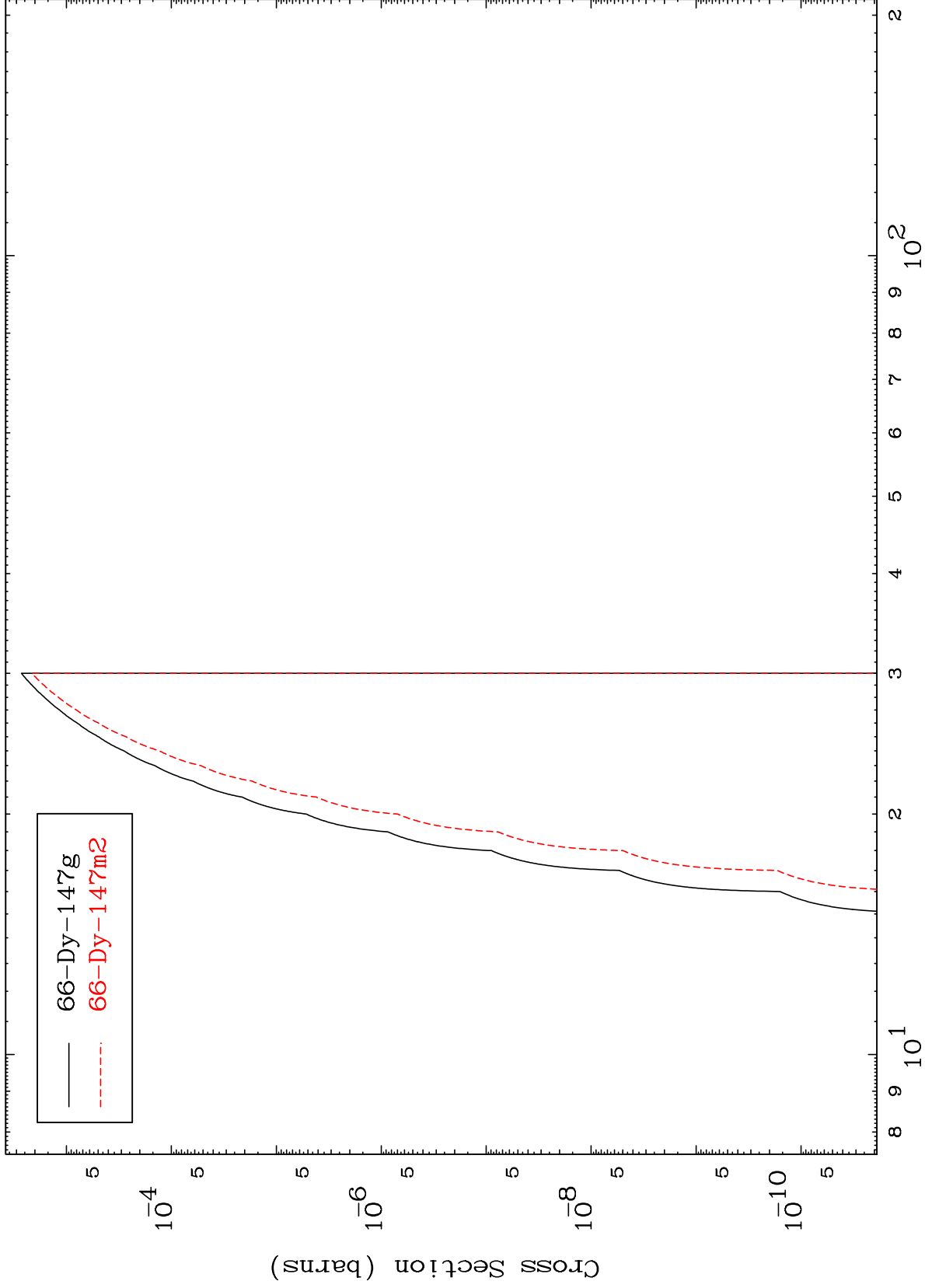
68-Er-150

MAT 6789

(n,p) t

68-Er-150

Radionuclide Production Cross Section



75

Incident Energy (MeV)

68-Er-150