

Program EVALPLOT  
(Version 2018-1)

by

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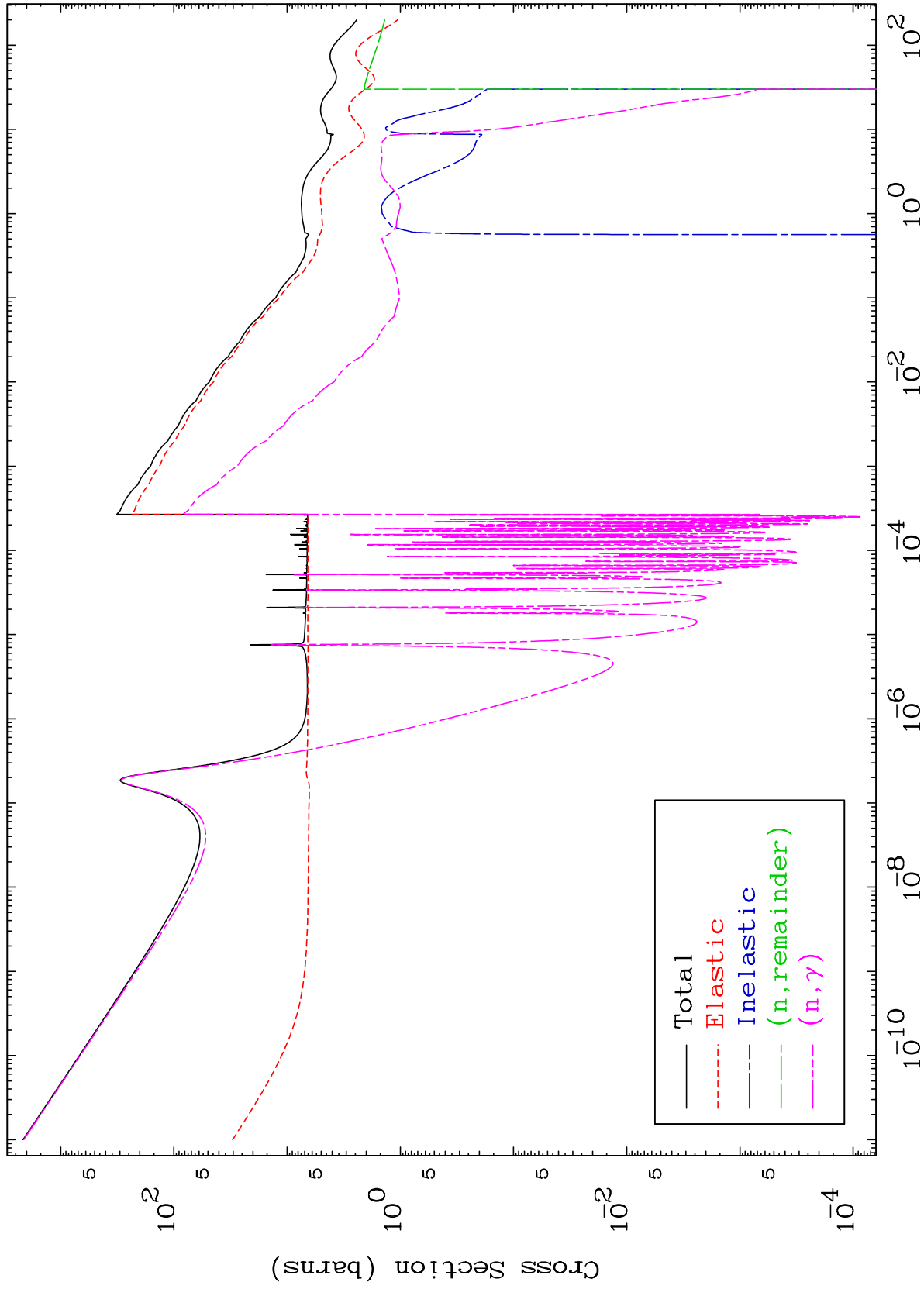
Press Mouse Button to Start

MAT 6801

Major

293 Kelvin Cross Sections

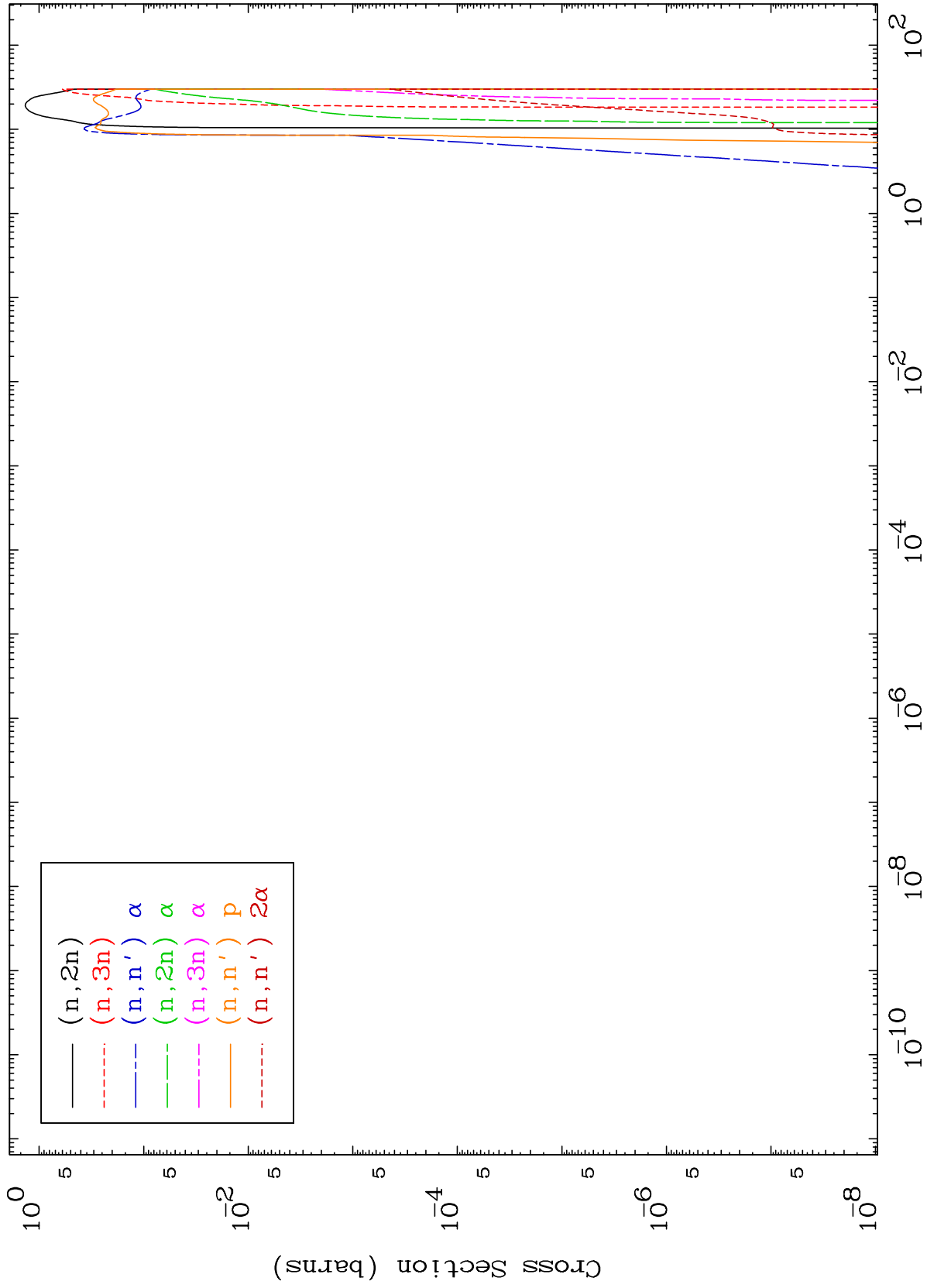
68-Er-154



MAT 6801

Neutron Production  
293 Kelvin Cross Sections

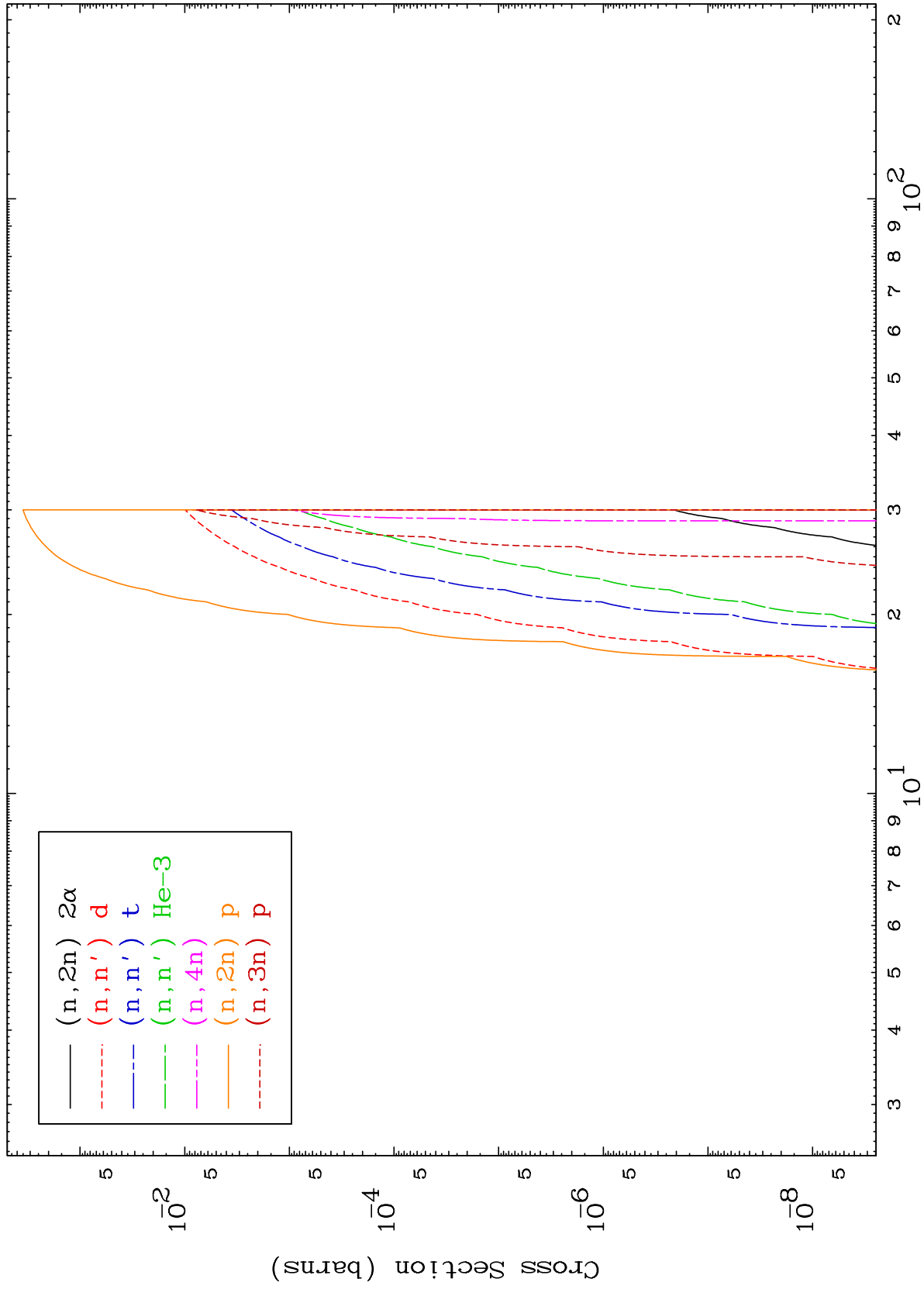
68-Er-154



2

Incident Energy (MeV)

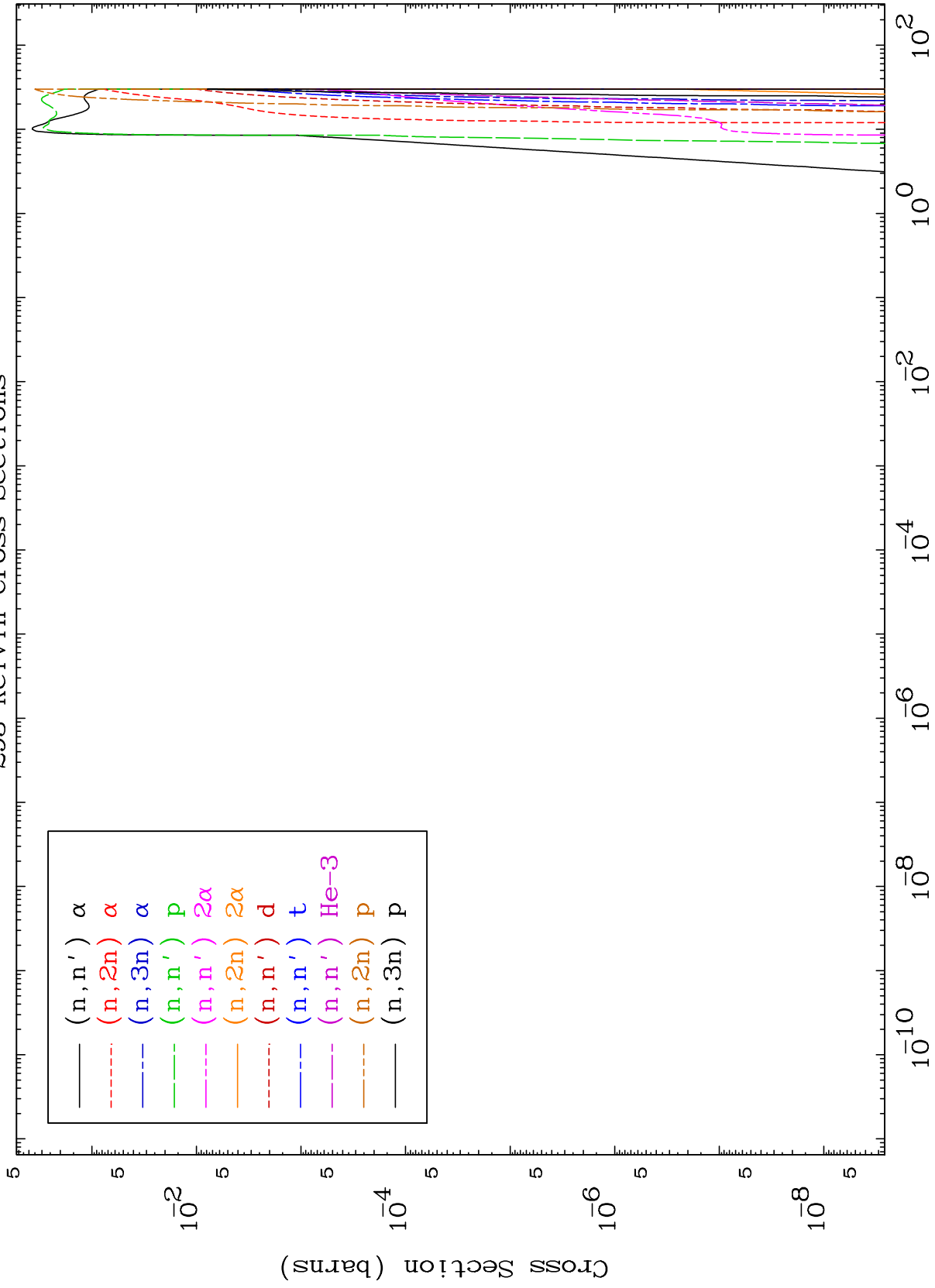
68-Er-154



MAT 6801

Charged Particle  
293 Kelvin Cross Sections

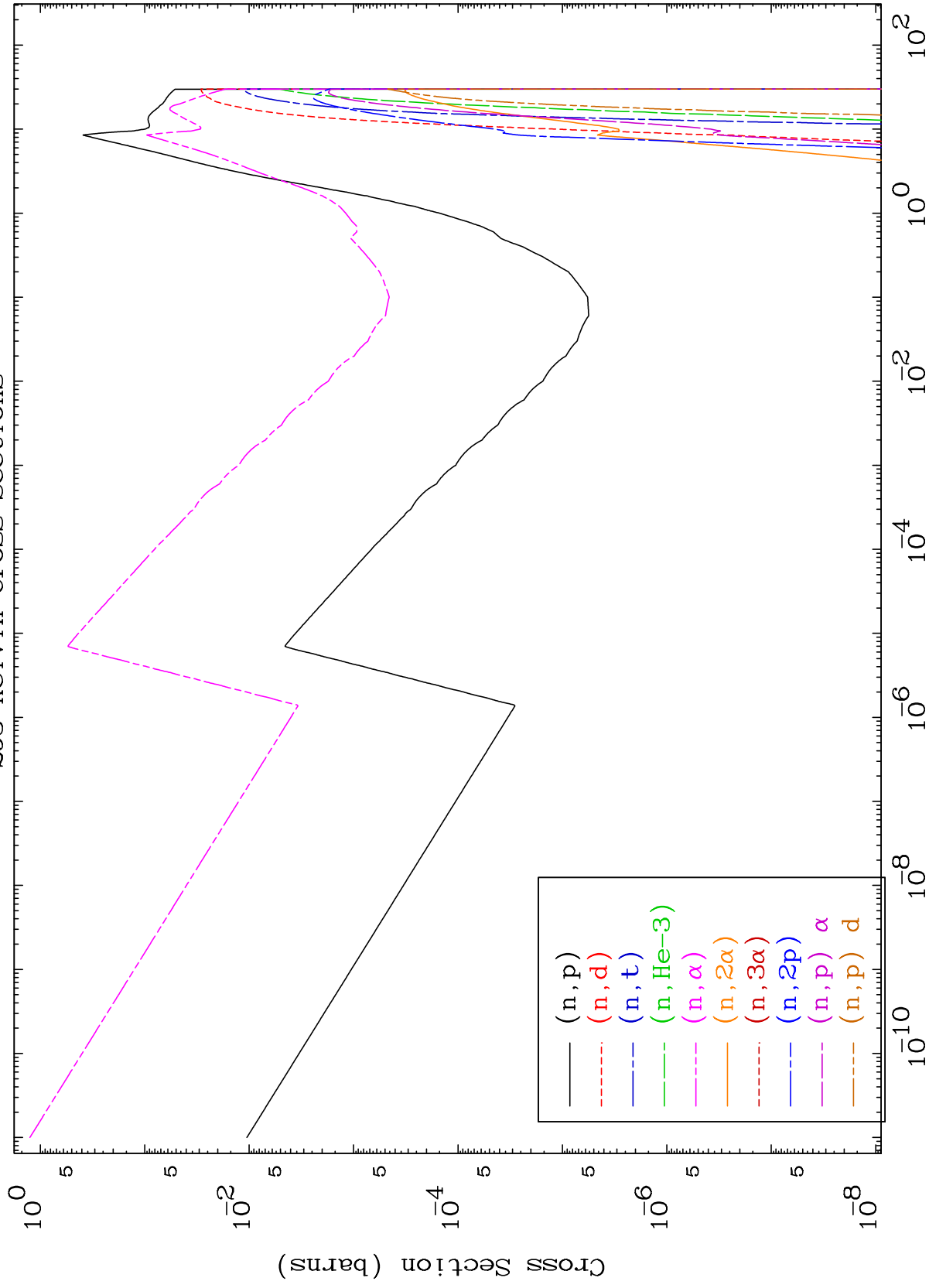
68-Er-154



MAT 6801

Charged Particle  
293 Kelvin Cross Sections

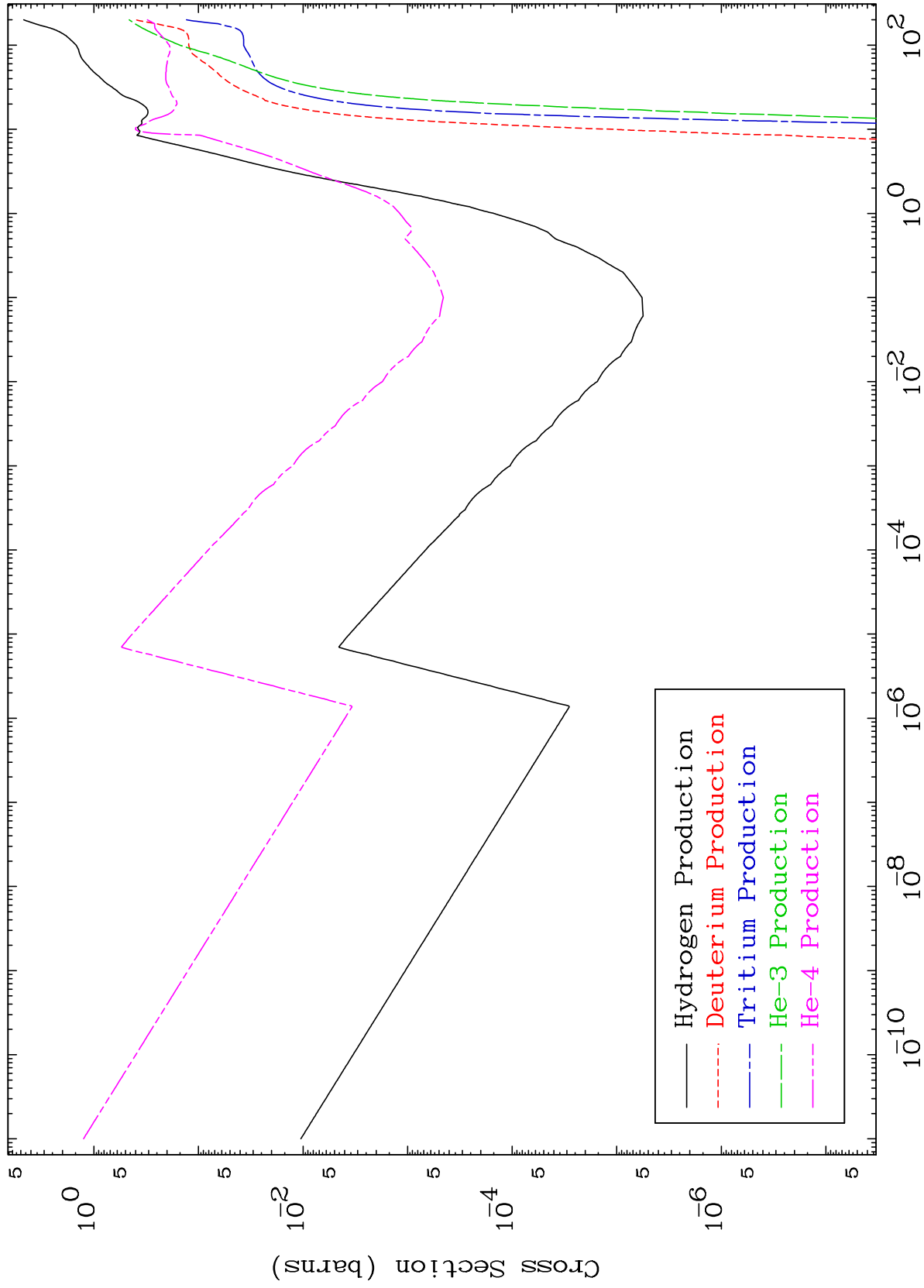
68-Er-154



MAT 6801

Particle Production  
293 Kelvin Cross Sections

68-Er-154



6

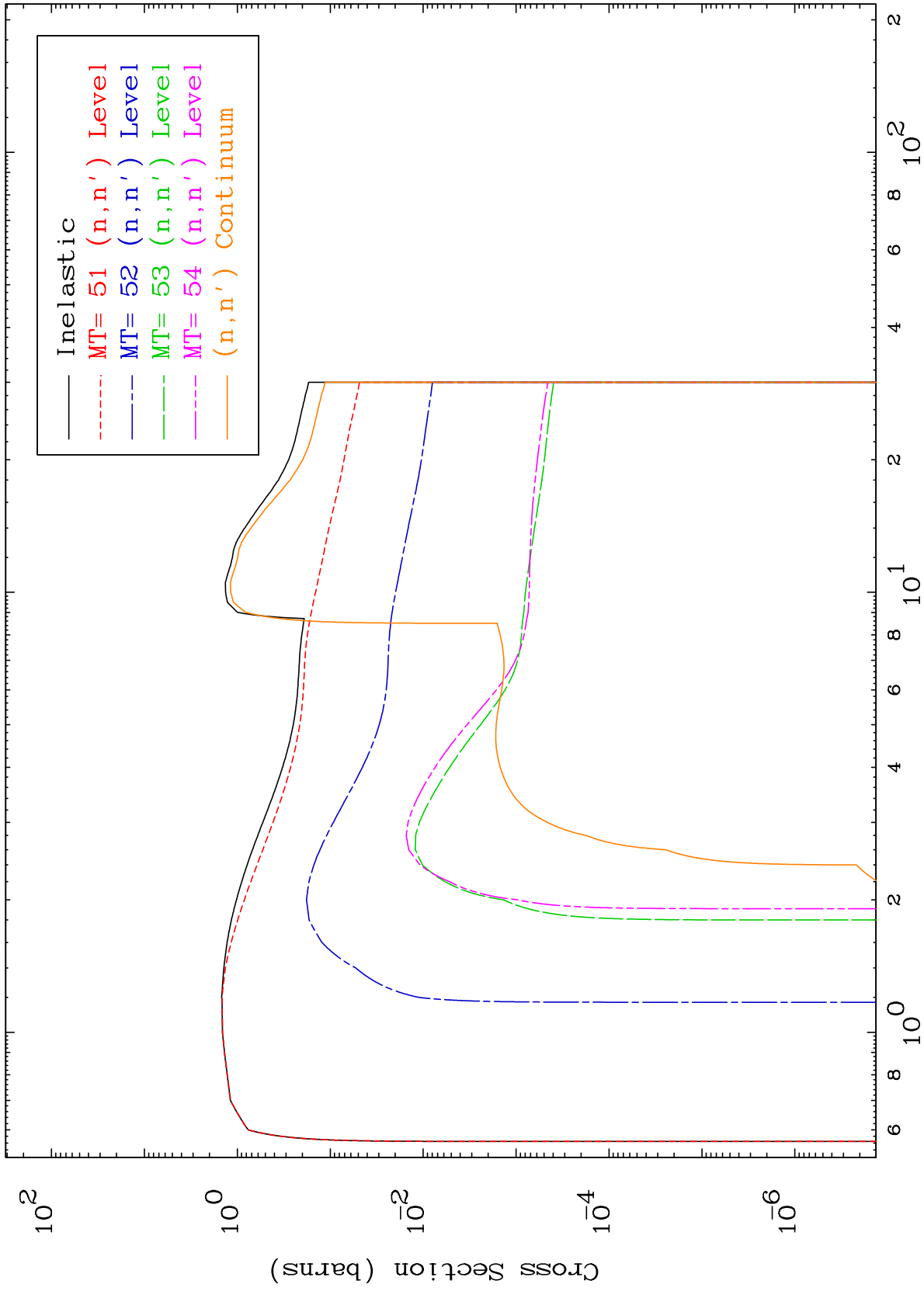
Incident Energy (MeV)

68-Er-154

MAT 6801

(n,n') Level  
293 Kelvin Cross Sections

68-Er-154



7

Incident Energy (MeV)

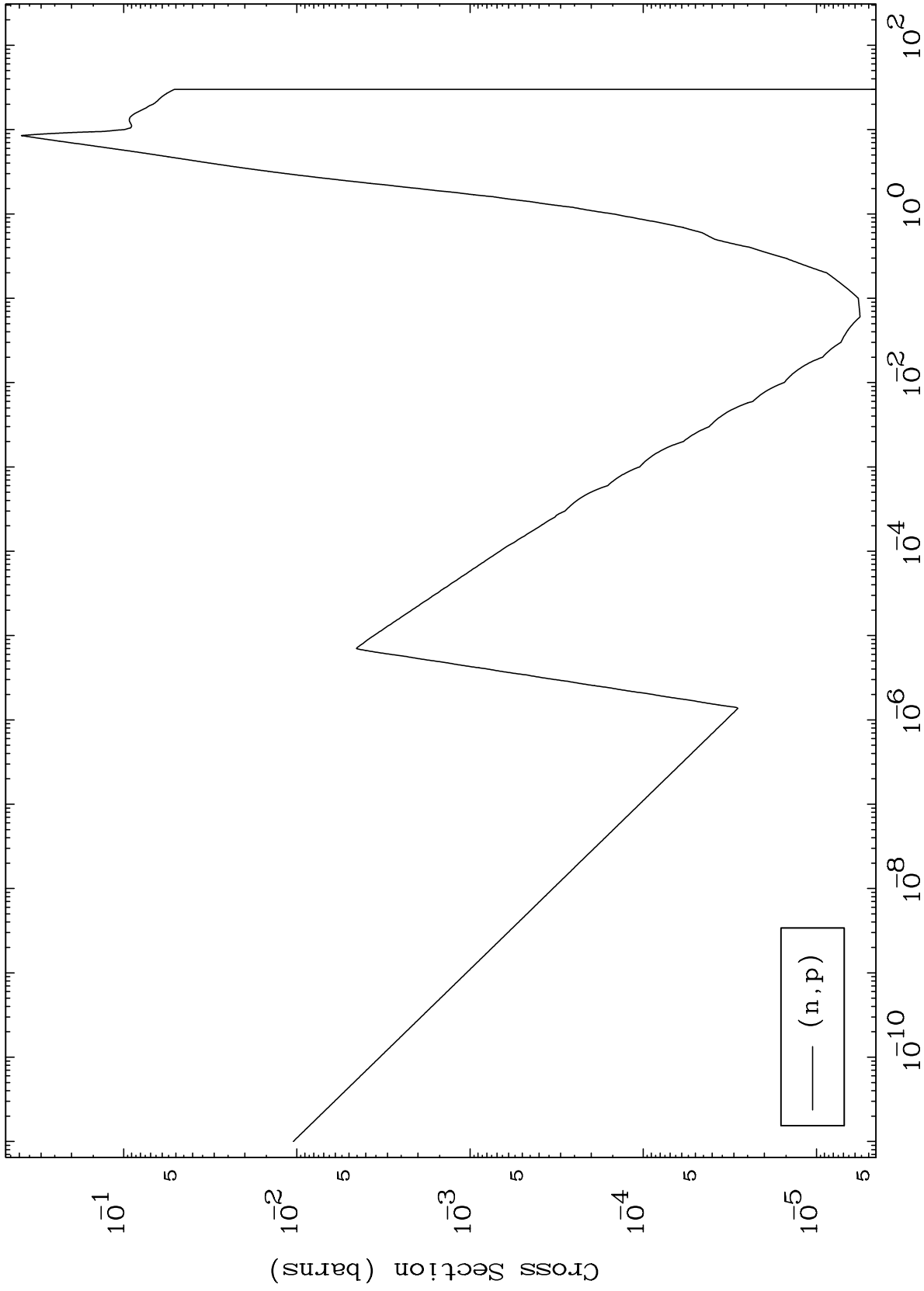
68-Er-154



MAT 6801

(n,p) Levels  
293 Kelvin Cross Sections

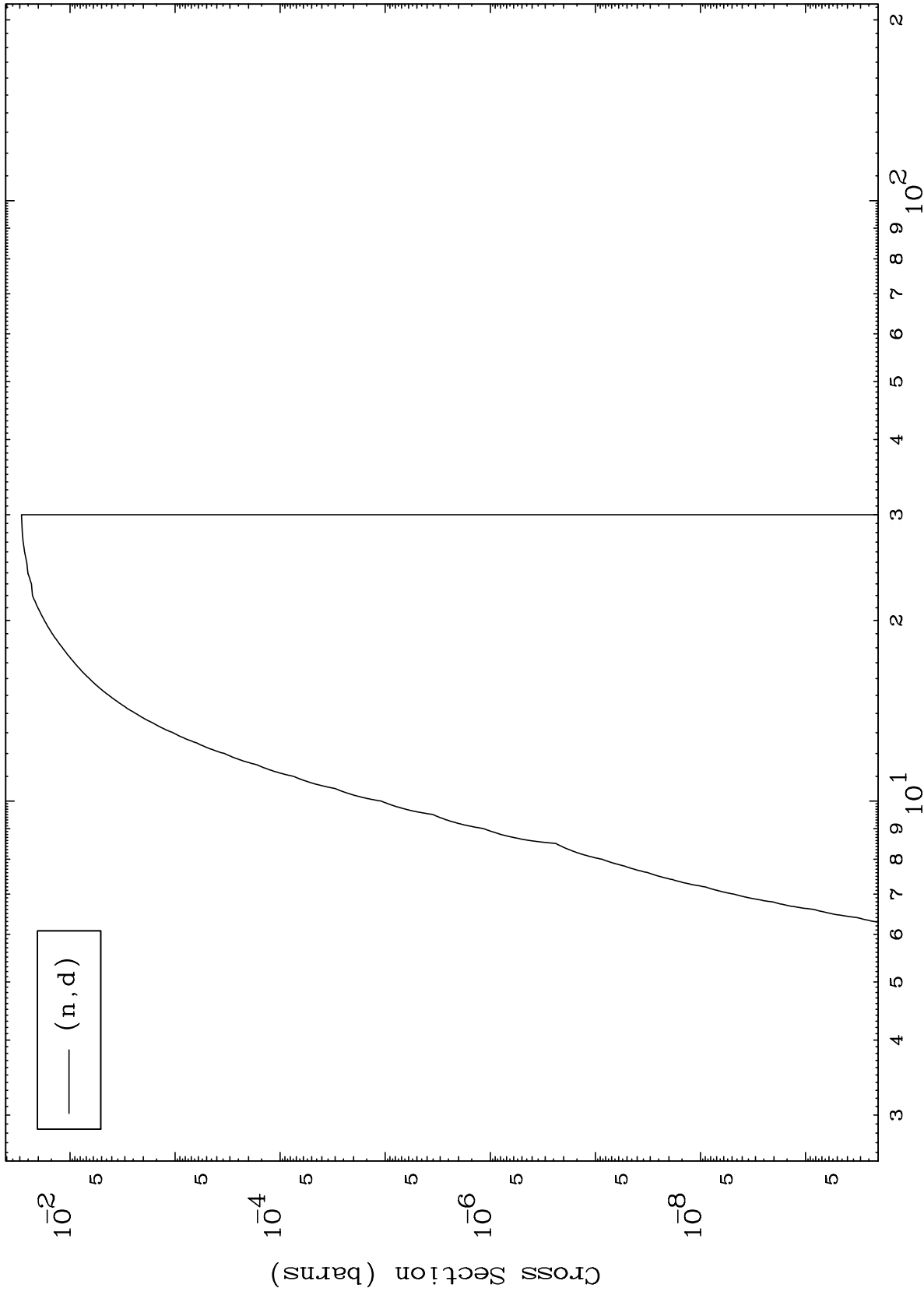
68-Er-154



MAT 6801

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-154



9

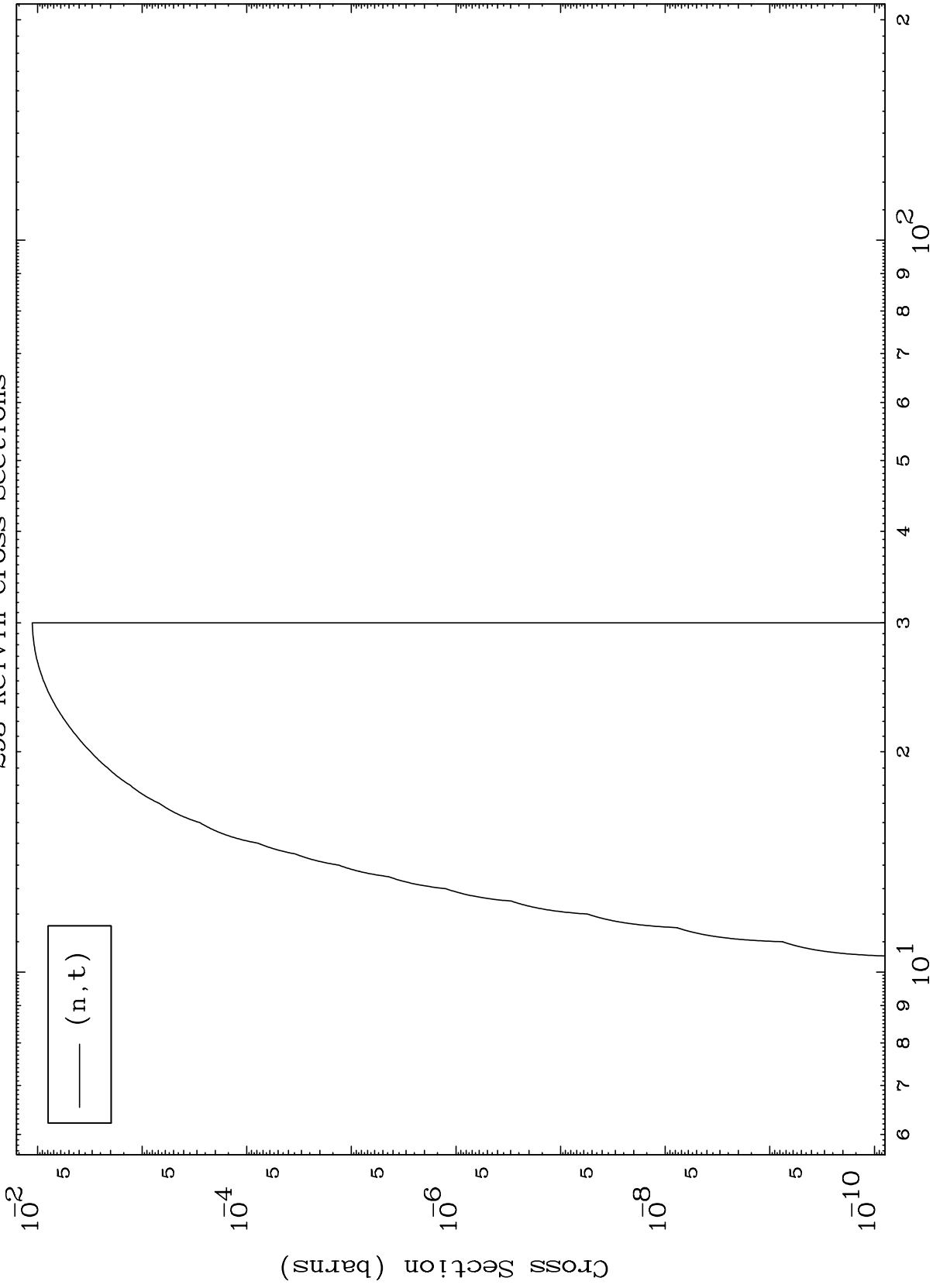
Incident Energy (MeV)

68-Er-154

MAT 6801

(n,t) Levels  
293 Kelvin Cross Sections

68-Er-154



10

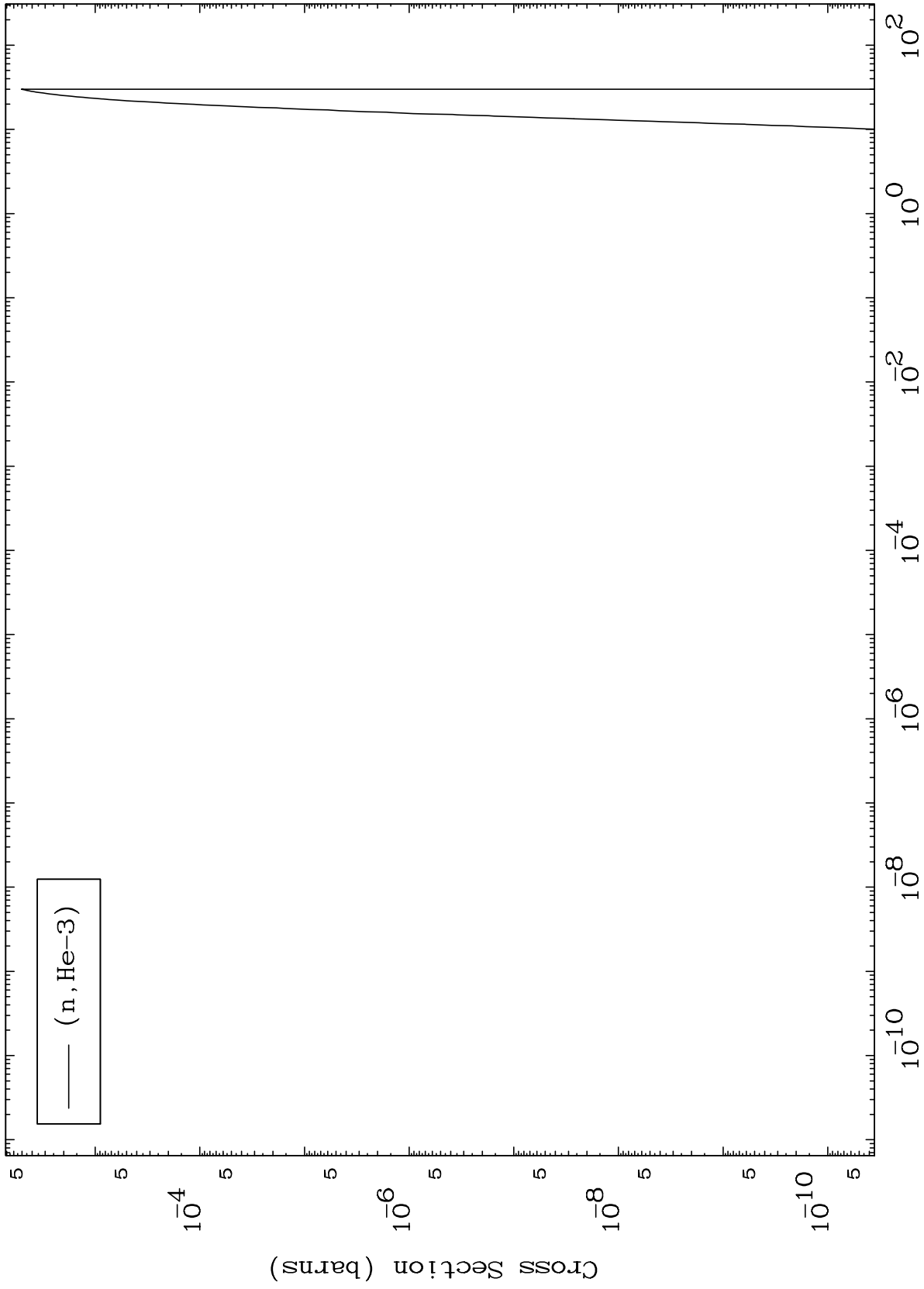
Incident Energy (MeV)

68-Er-154

MAT 6801

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-154



11

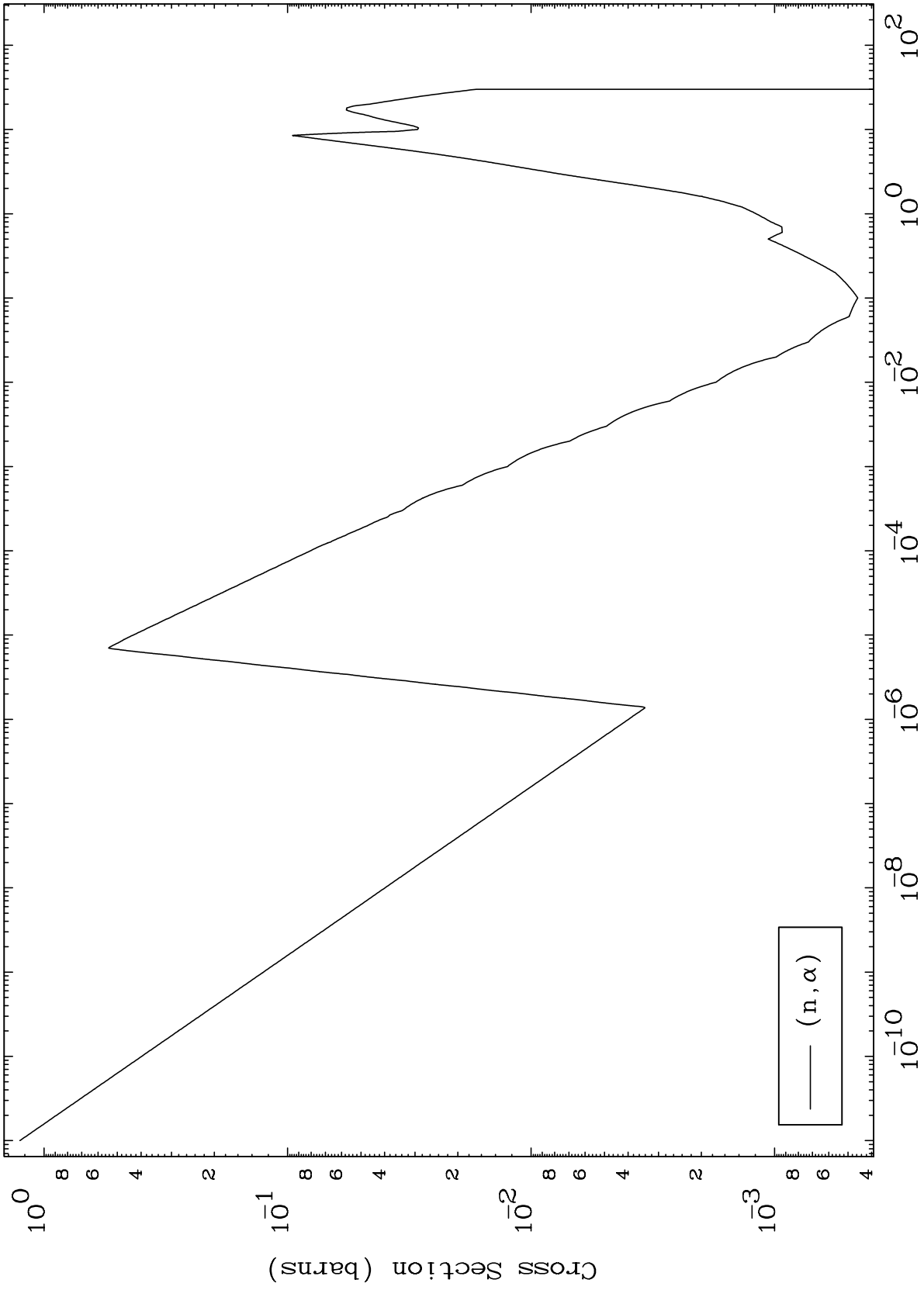
Incident Energy (MeV)

68-Er-154

MAT 6801

(n,α) Levels  
293 Kelvin Cross Sections

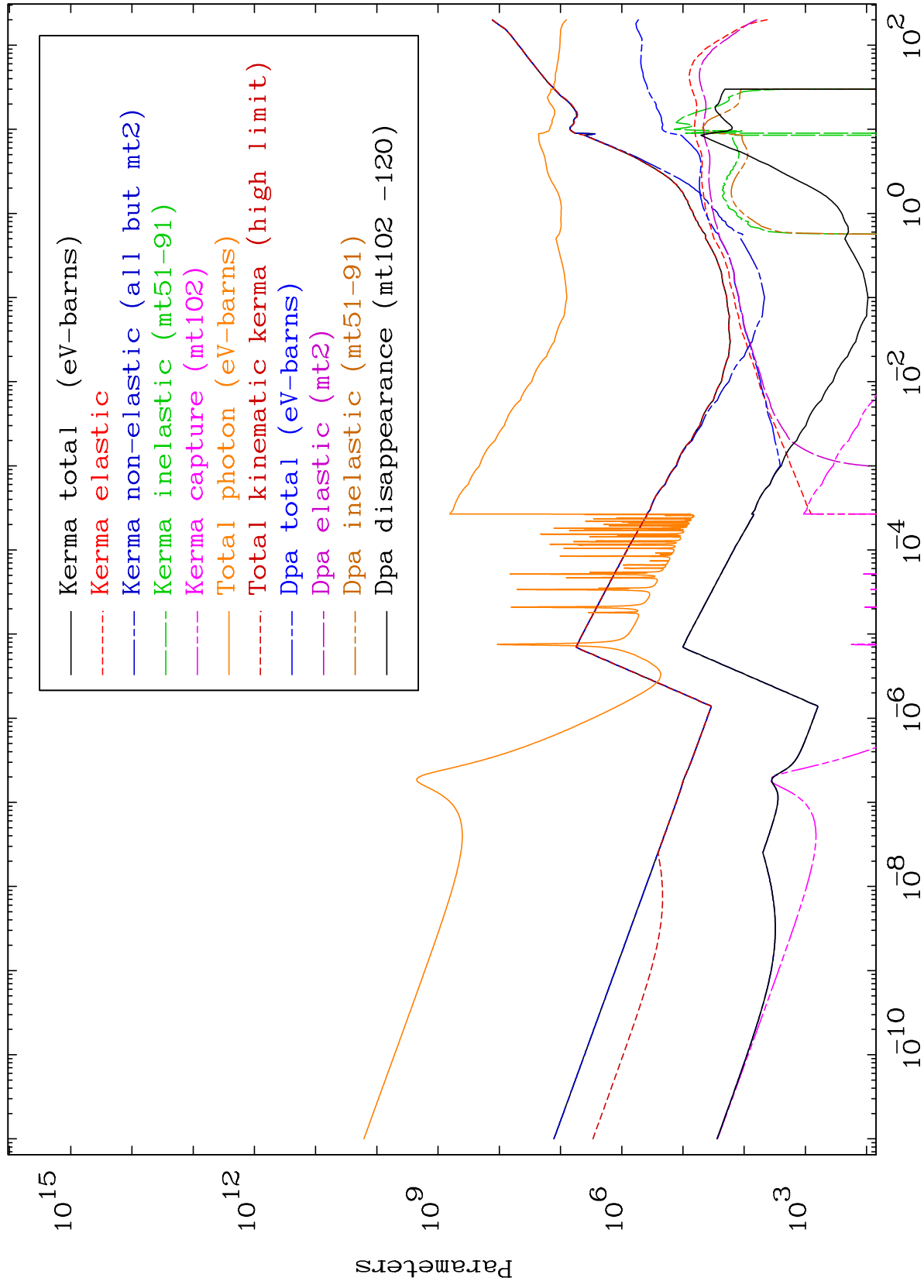
68-Er-154



12

Incident Energy (MeV)

68-Er-154

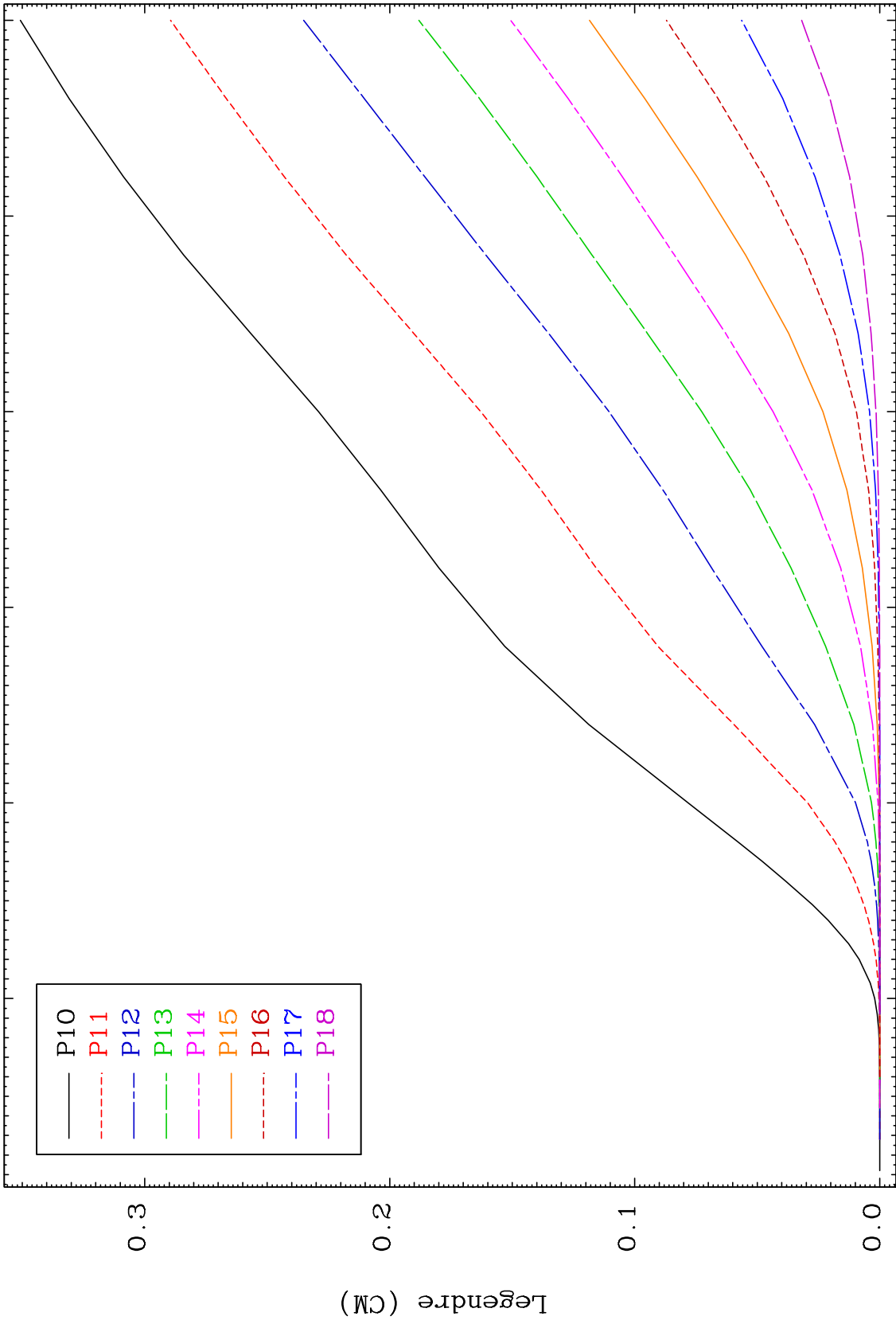




MAT 6801

Elastic Legendre Coefficients

68-Er-154



15

Incident Energy (MeV)

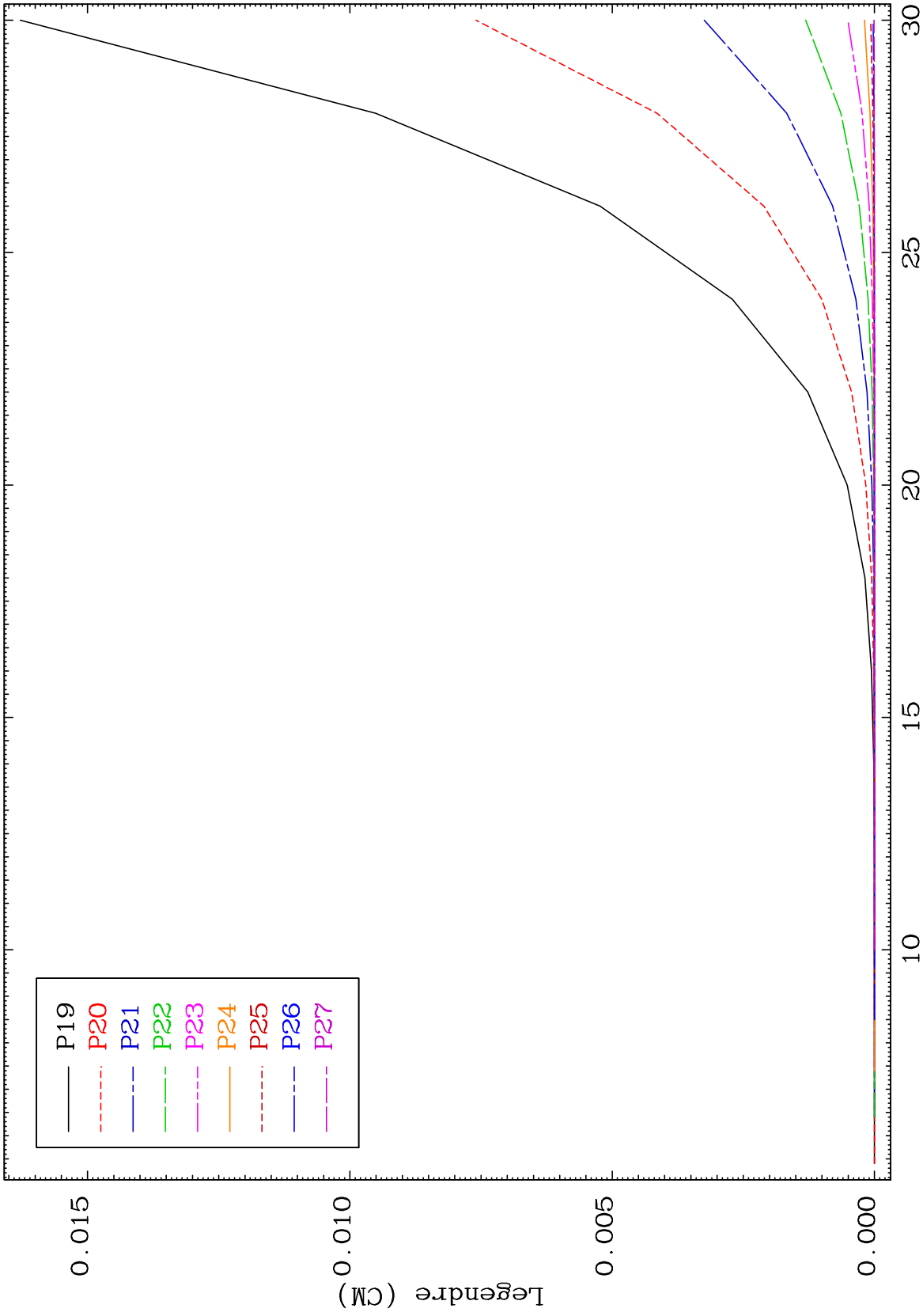
68-Er-154



MAT 6801

### Elastic Legendre Coefficients

68-Er-154



16

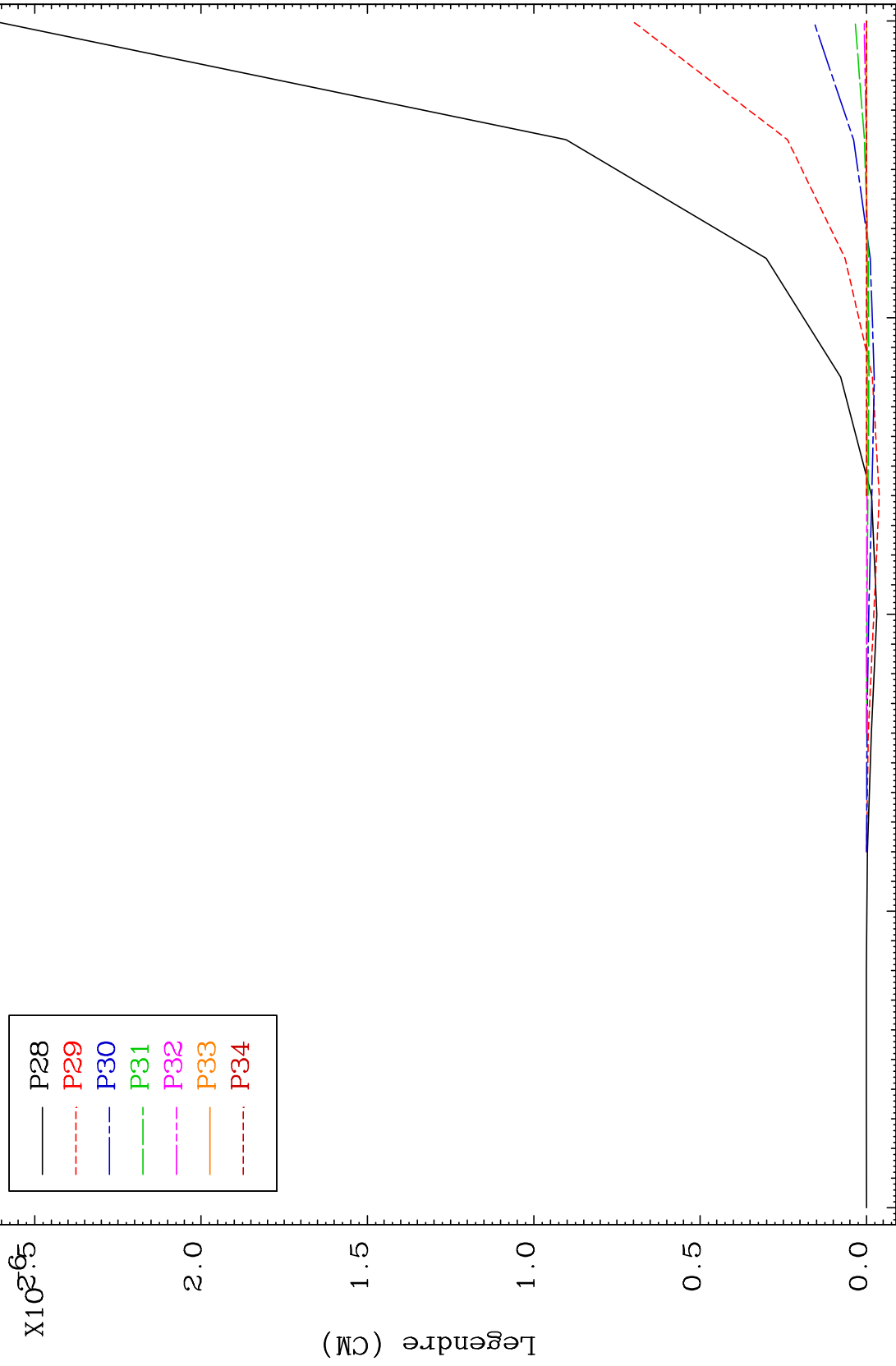
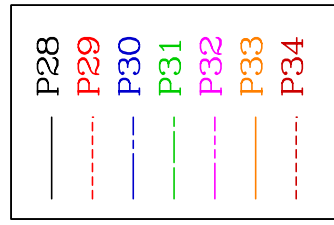
Incident Energy (MeV)

68-Er-154

MAT 6801

Elastic Legendre Coefficients

68-Er-154



17

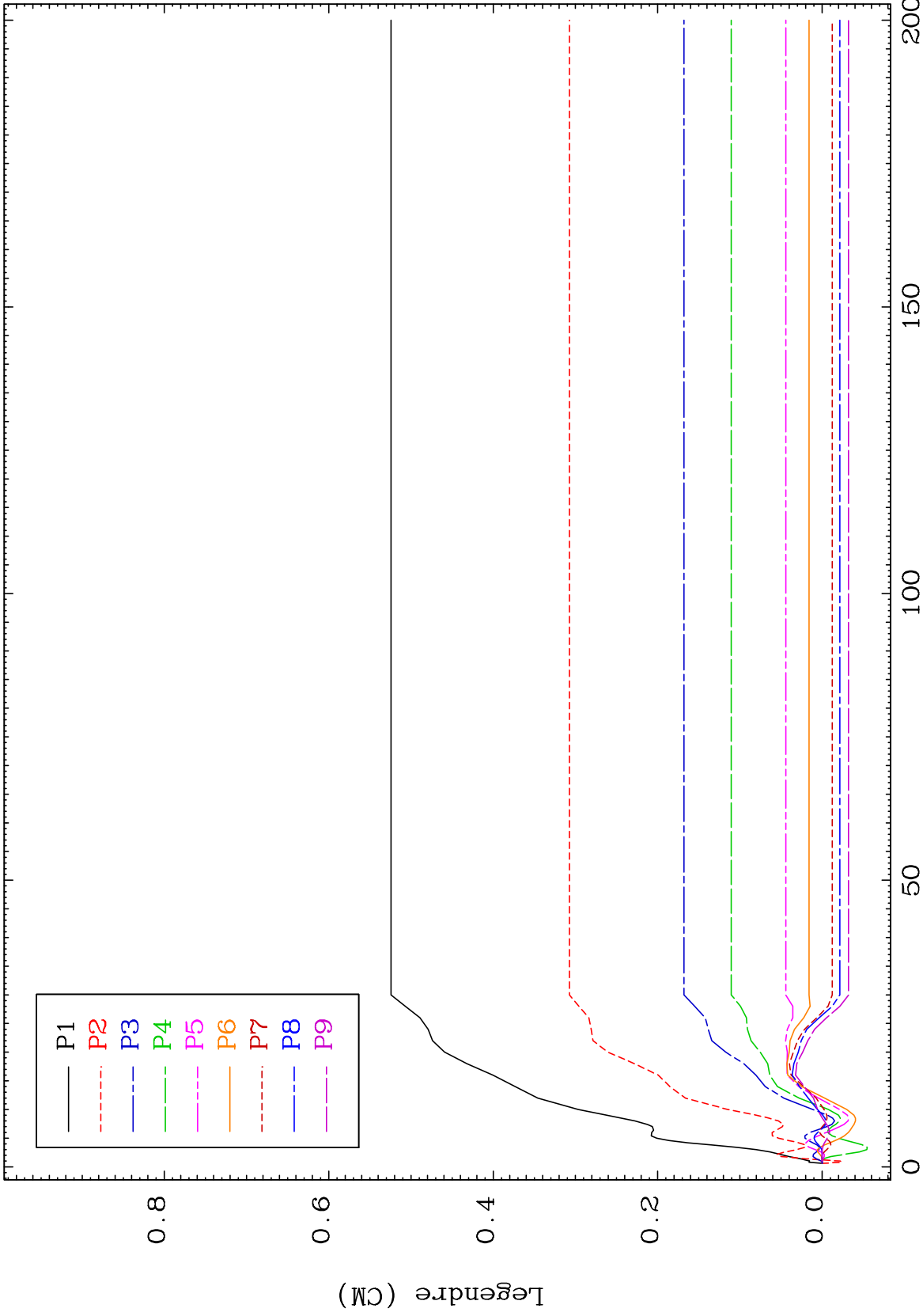
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



18

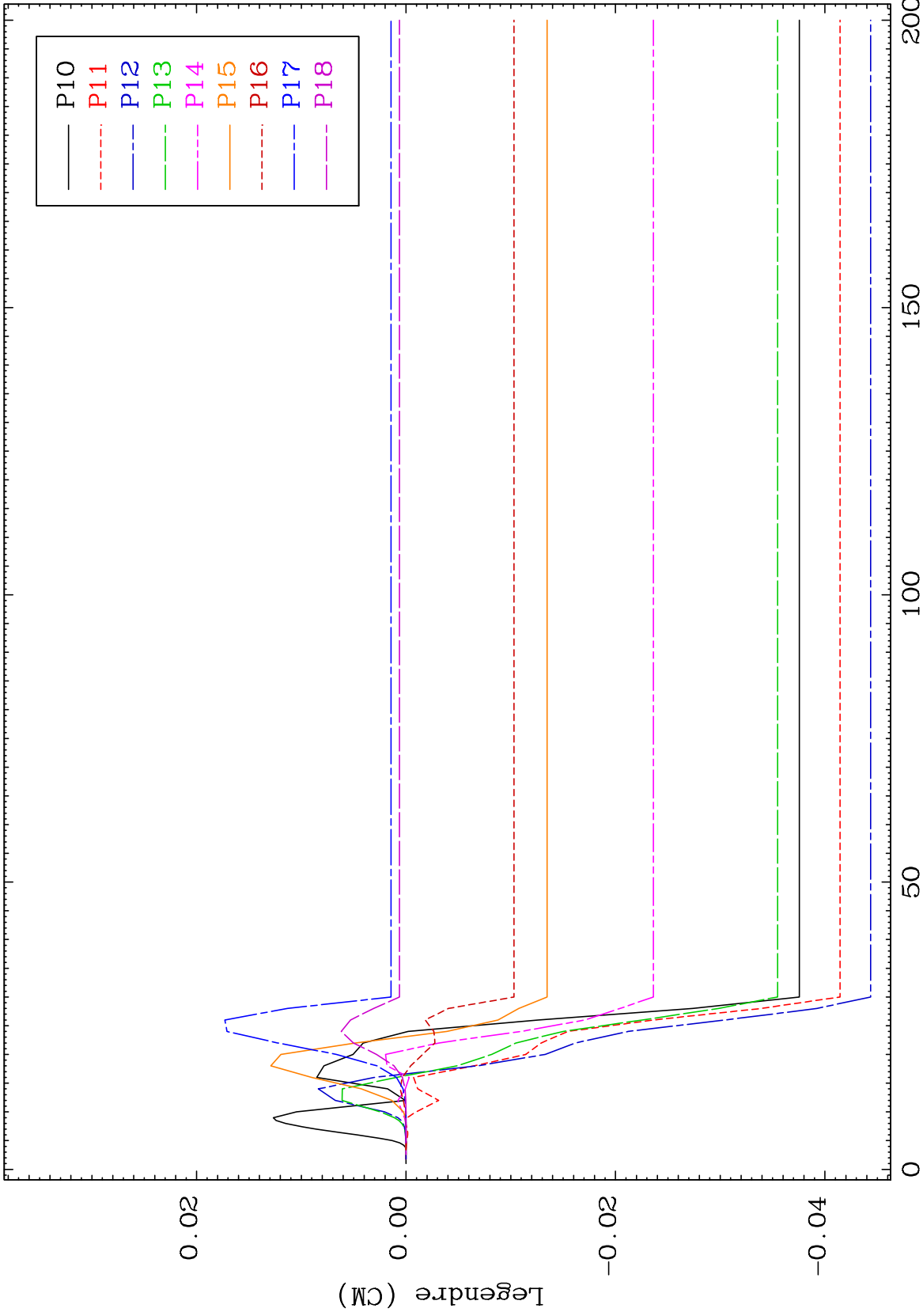
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



19

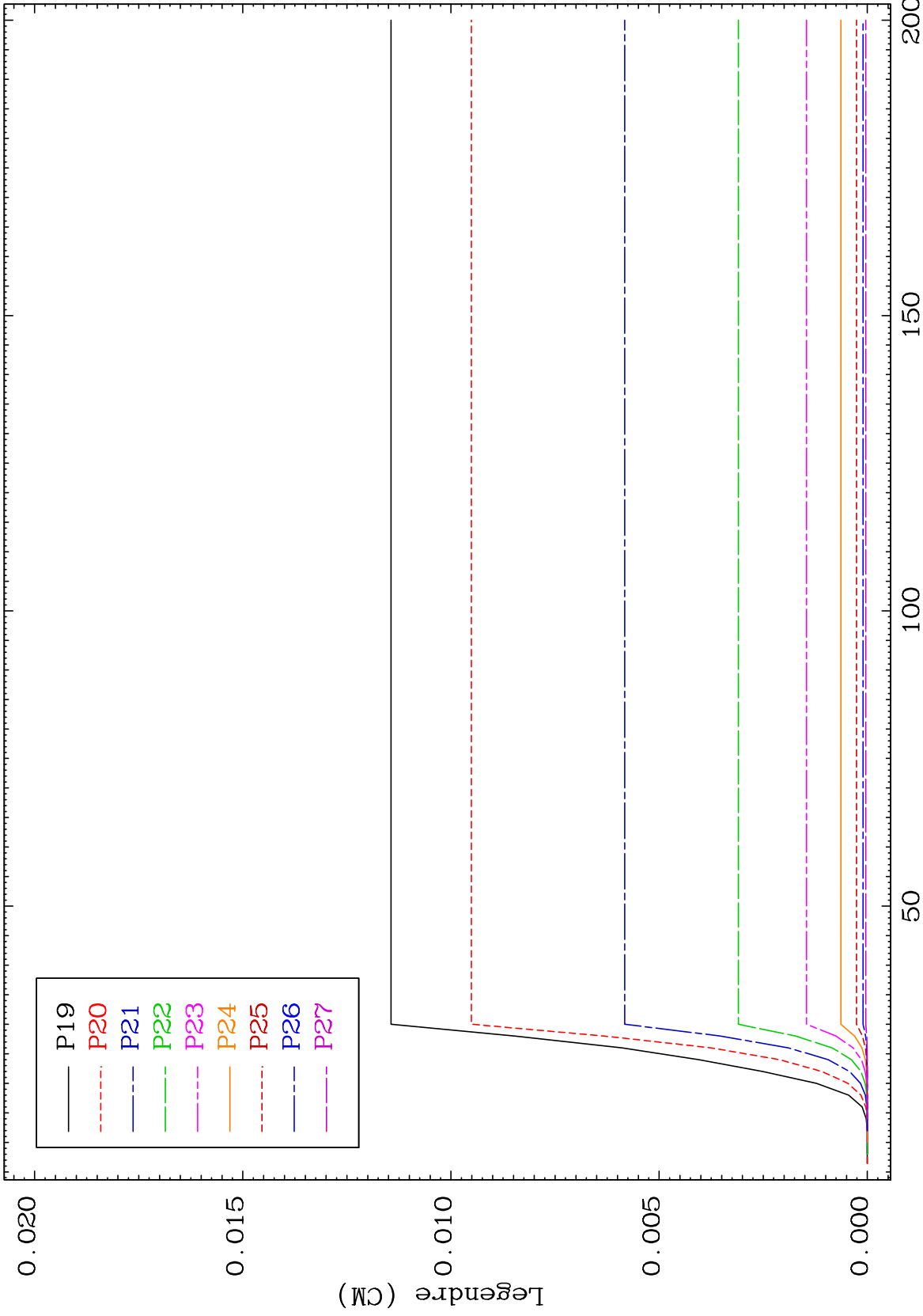
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



20

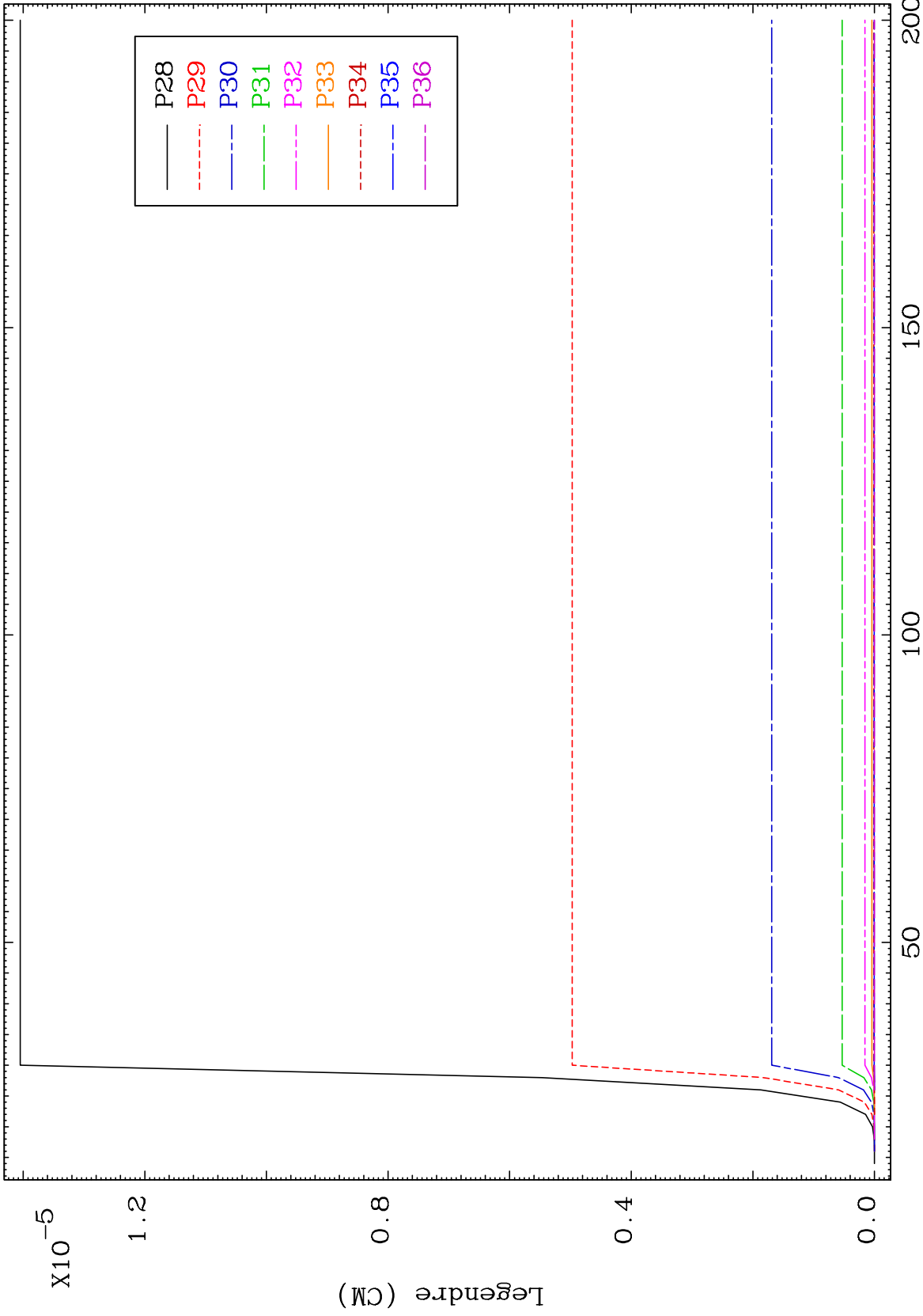
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



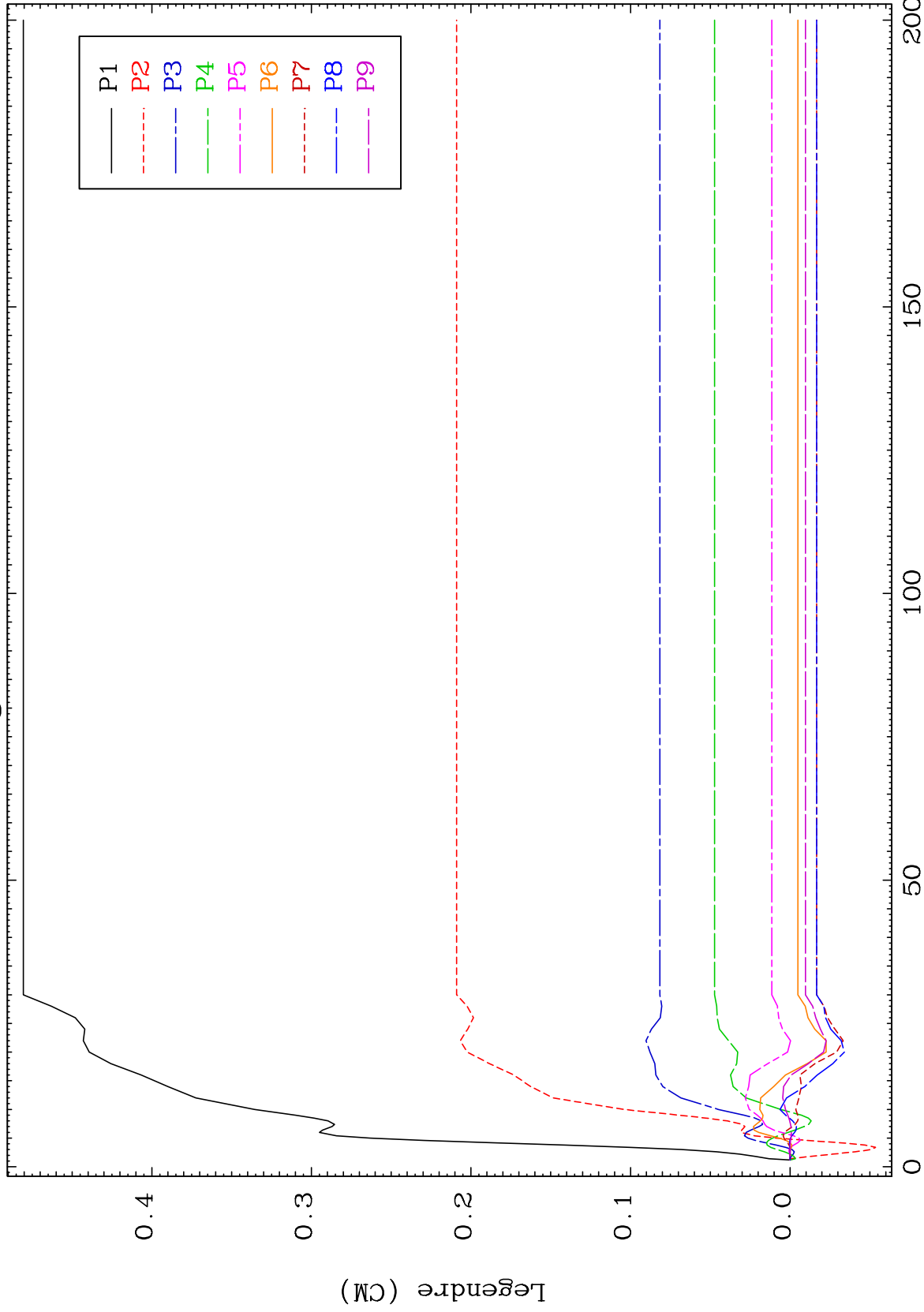
21

68-Er-154

MAT 6801

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

68-Er-154



22

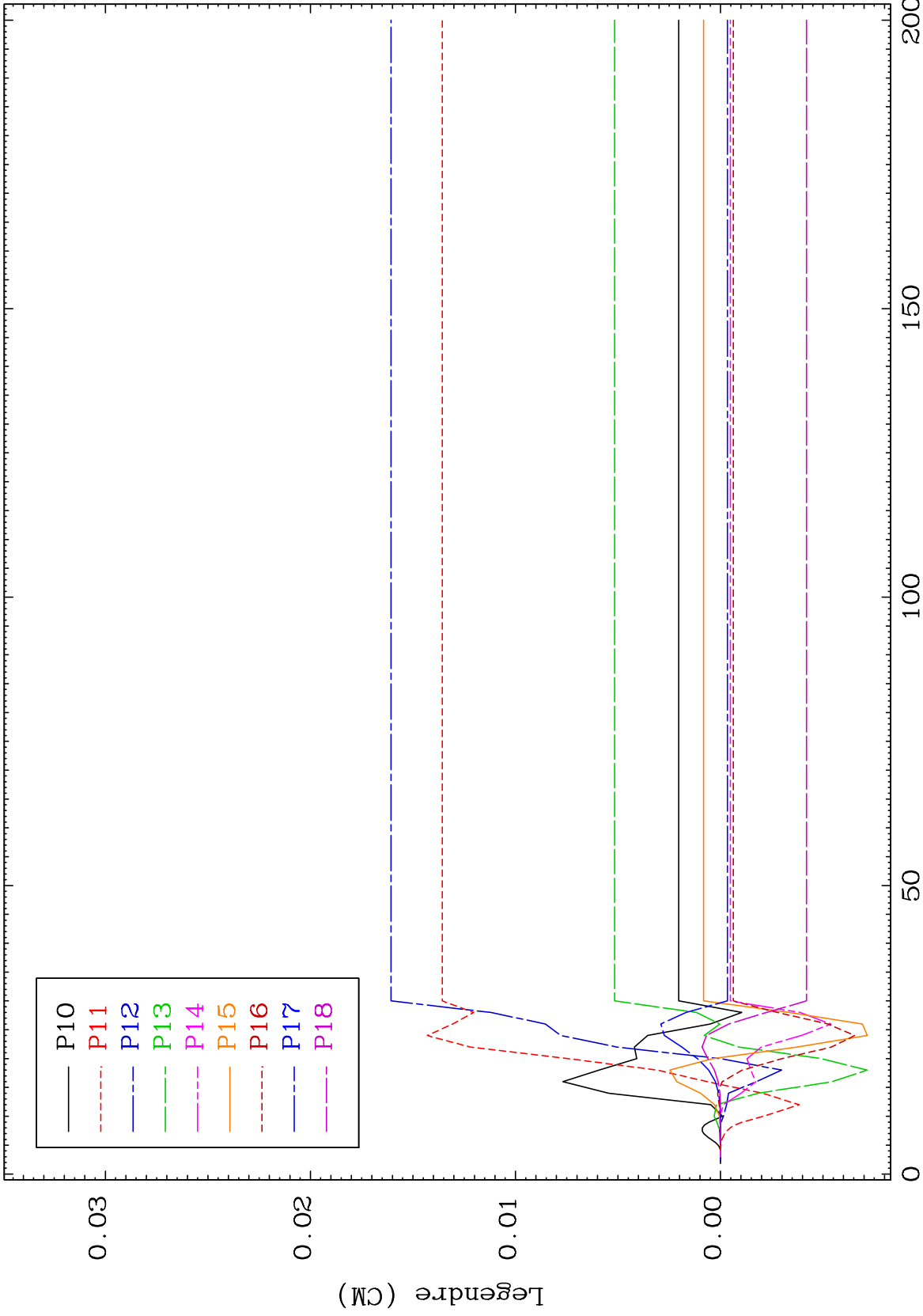
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



23

Incident Energy (MeV)

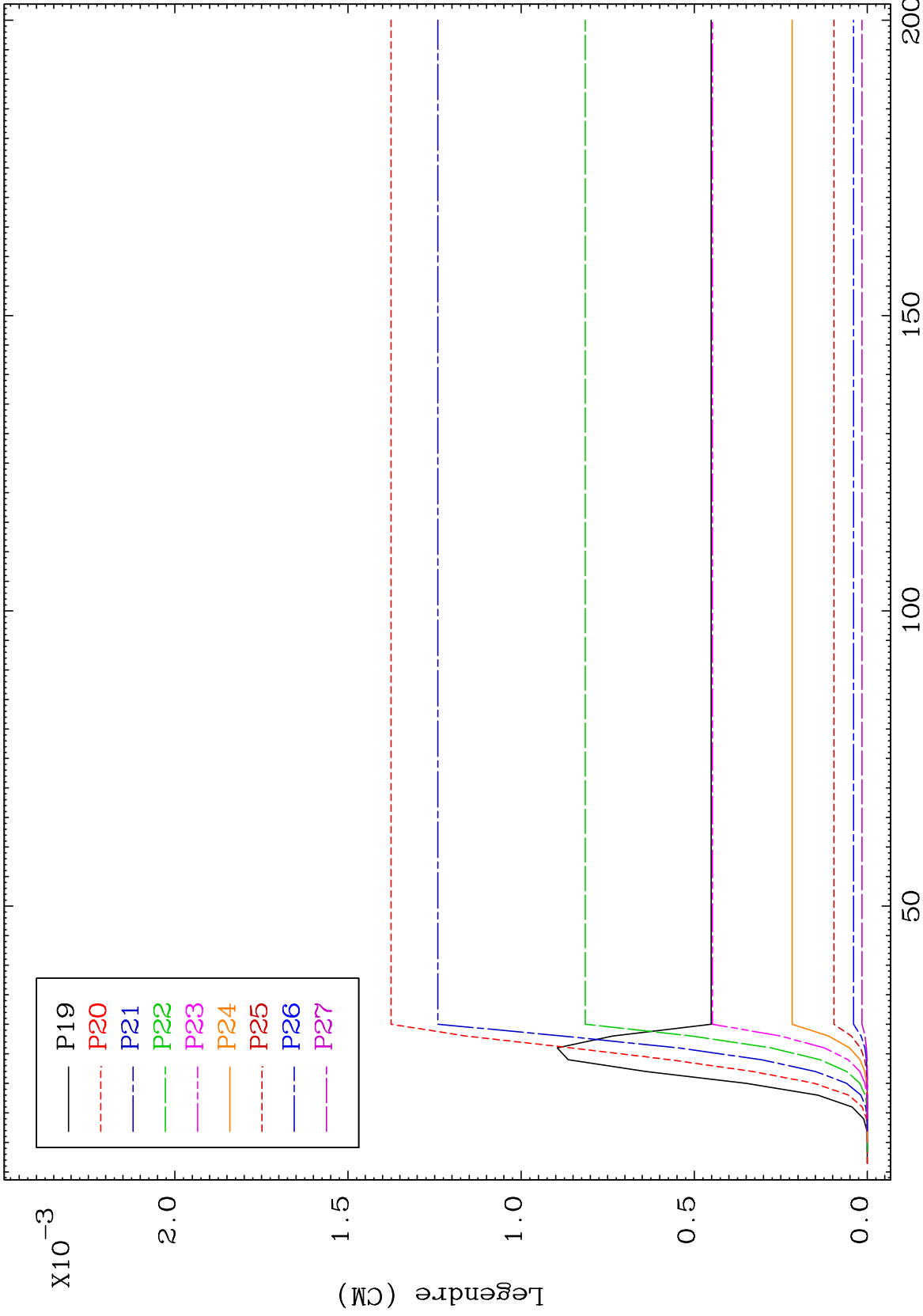
68-Er-154



MAT 6801

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

68-Er-154



24

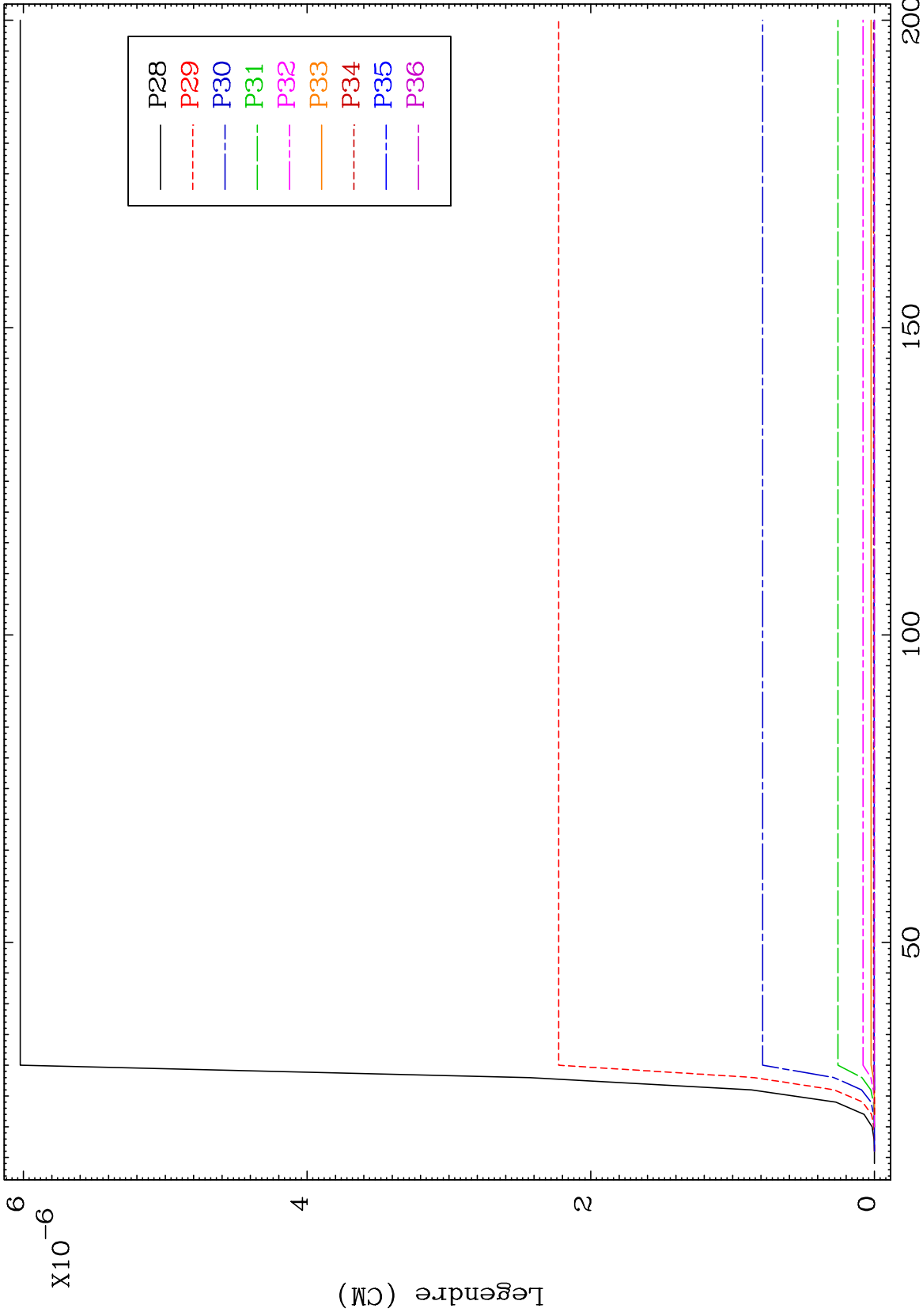
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



25

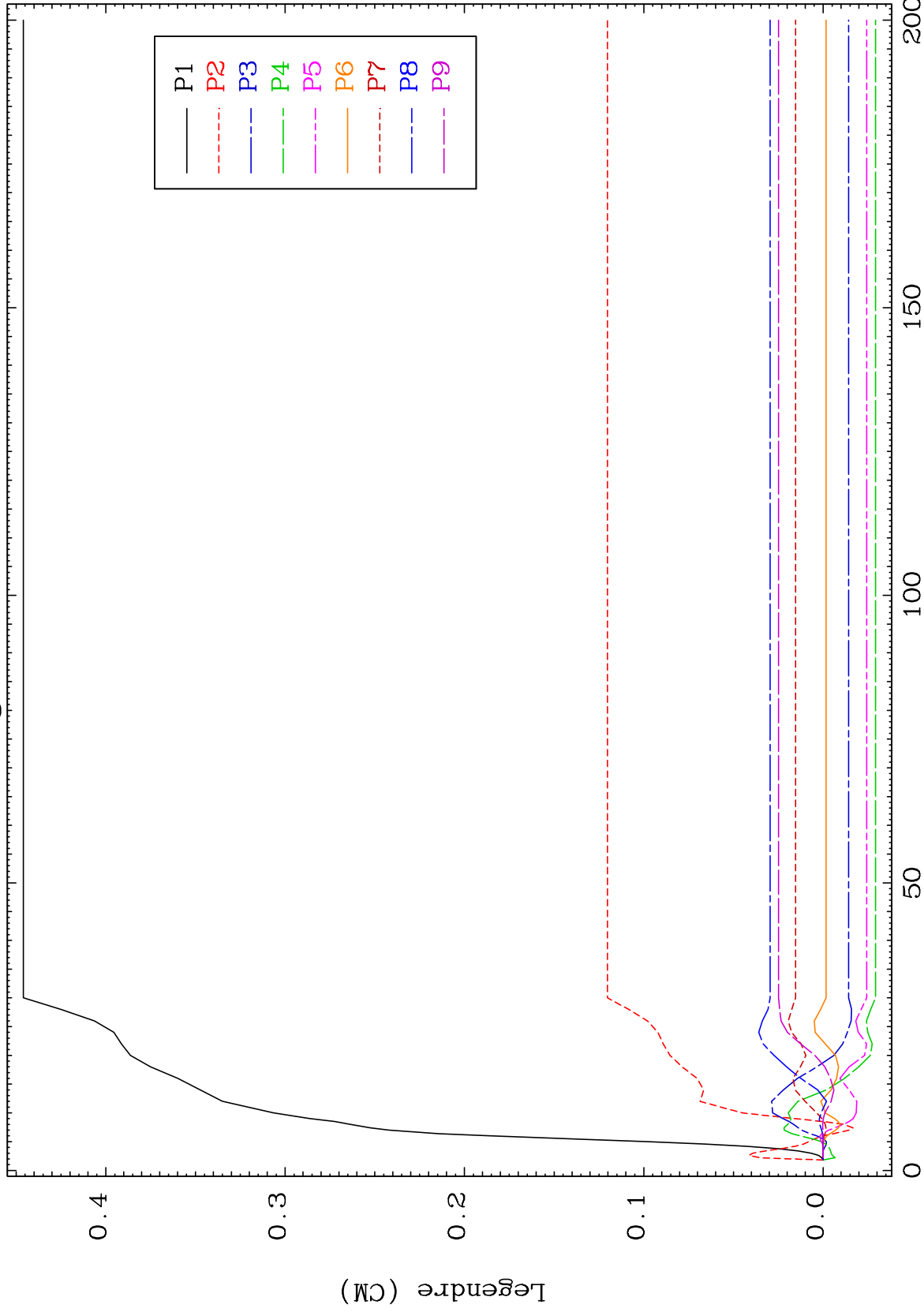
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



26

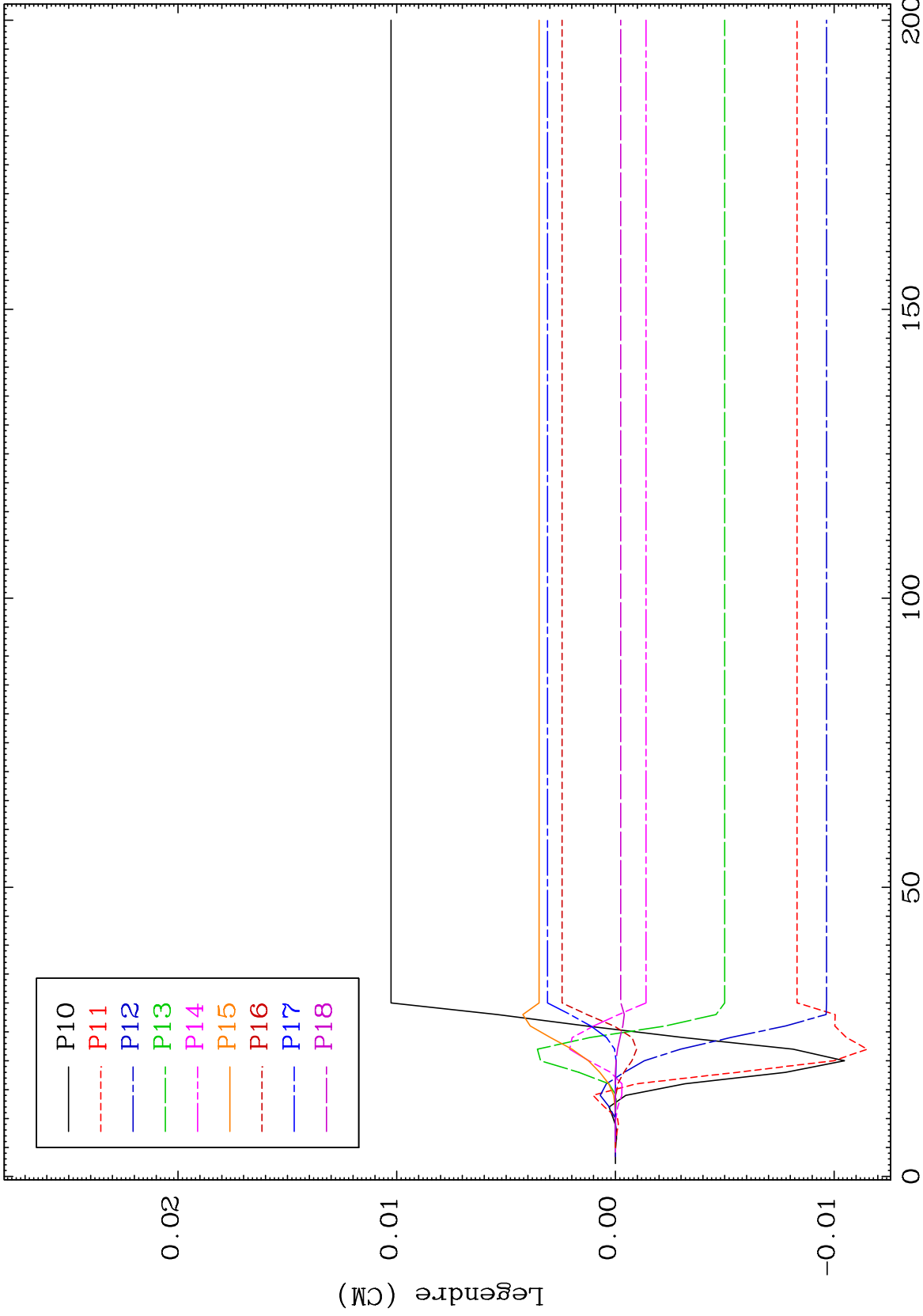
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



27

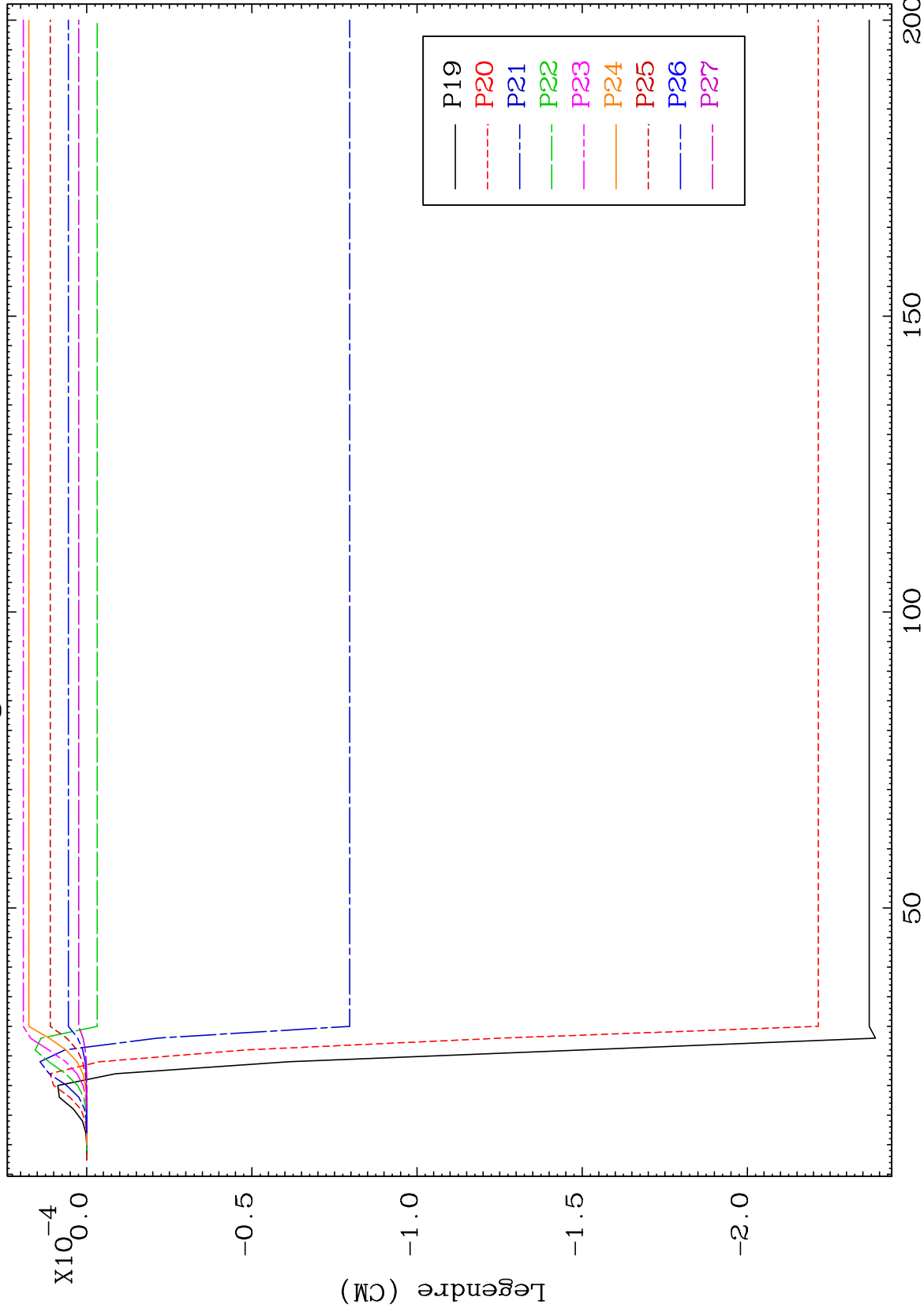
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



28

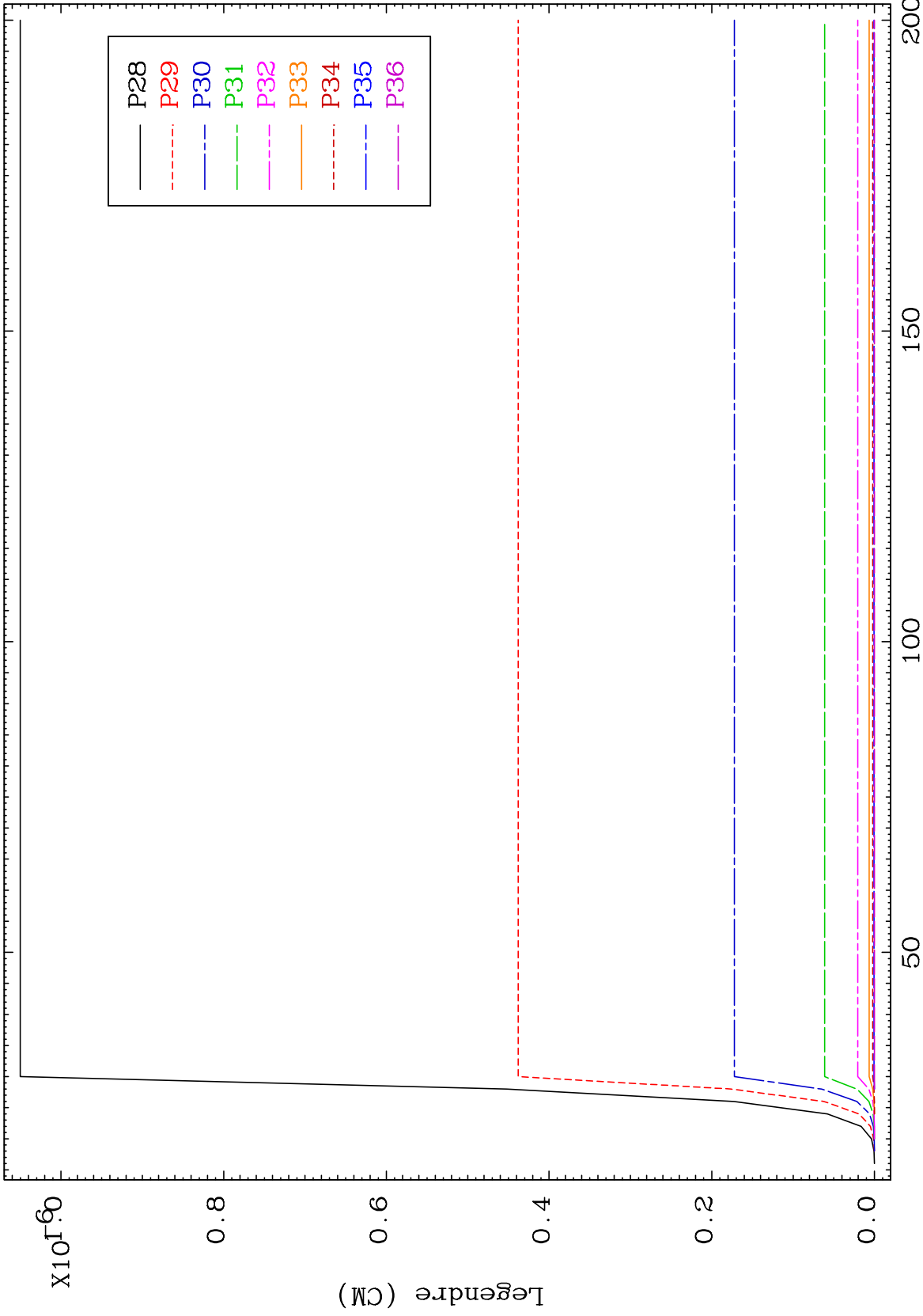
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



29

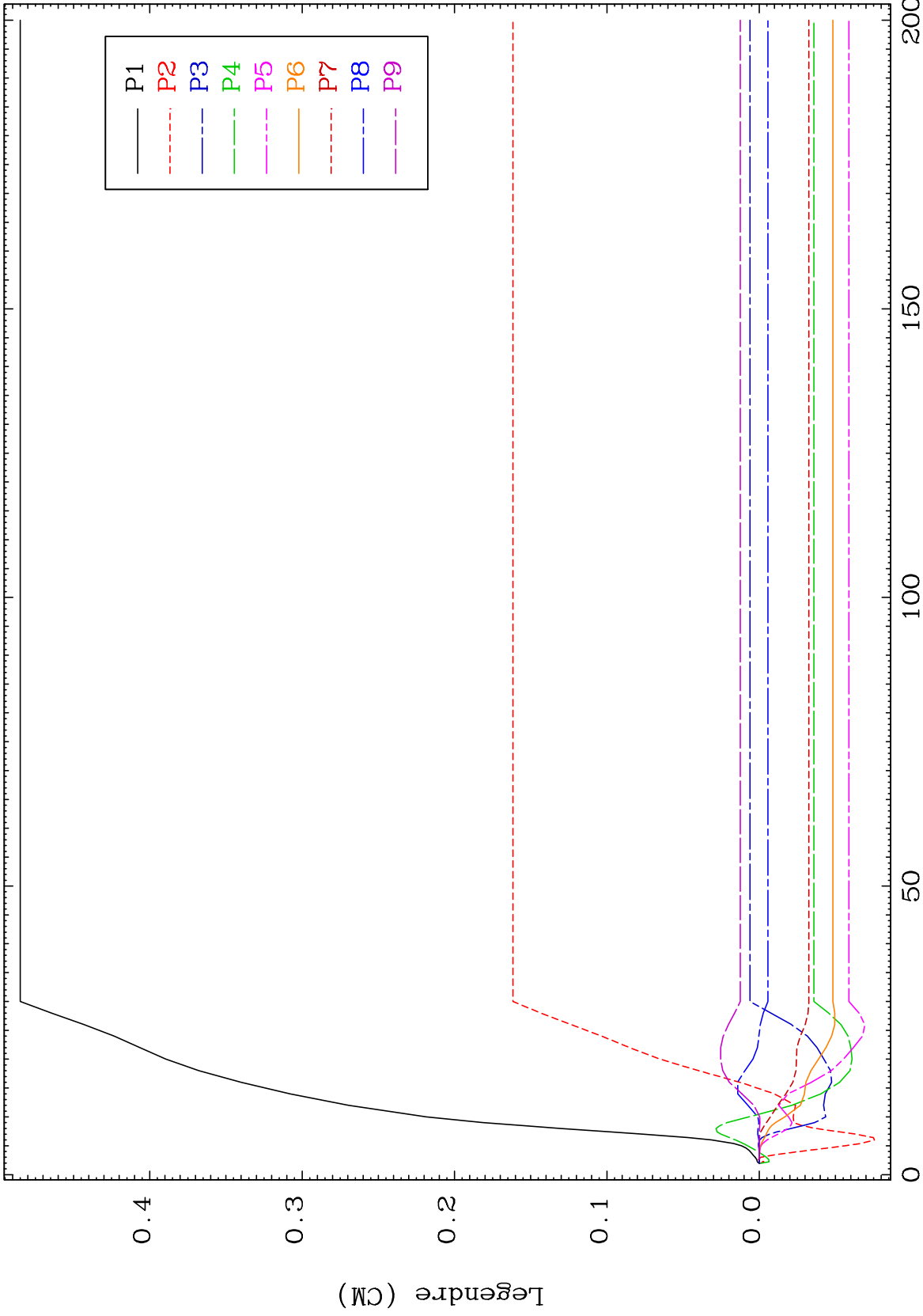
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



68-Er-154

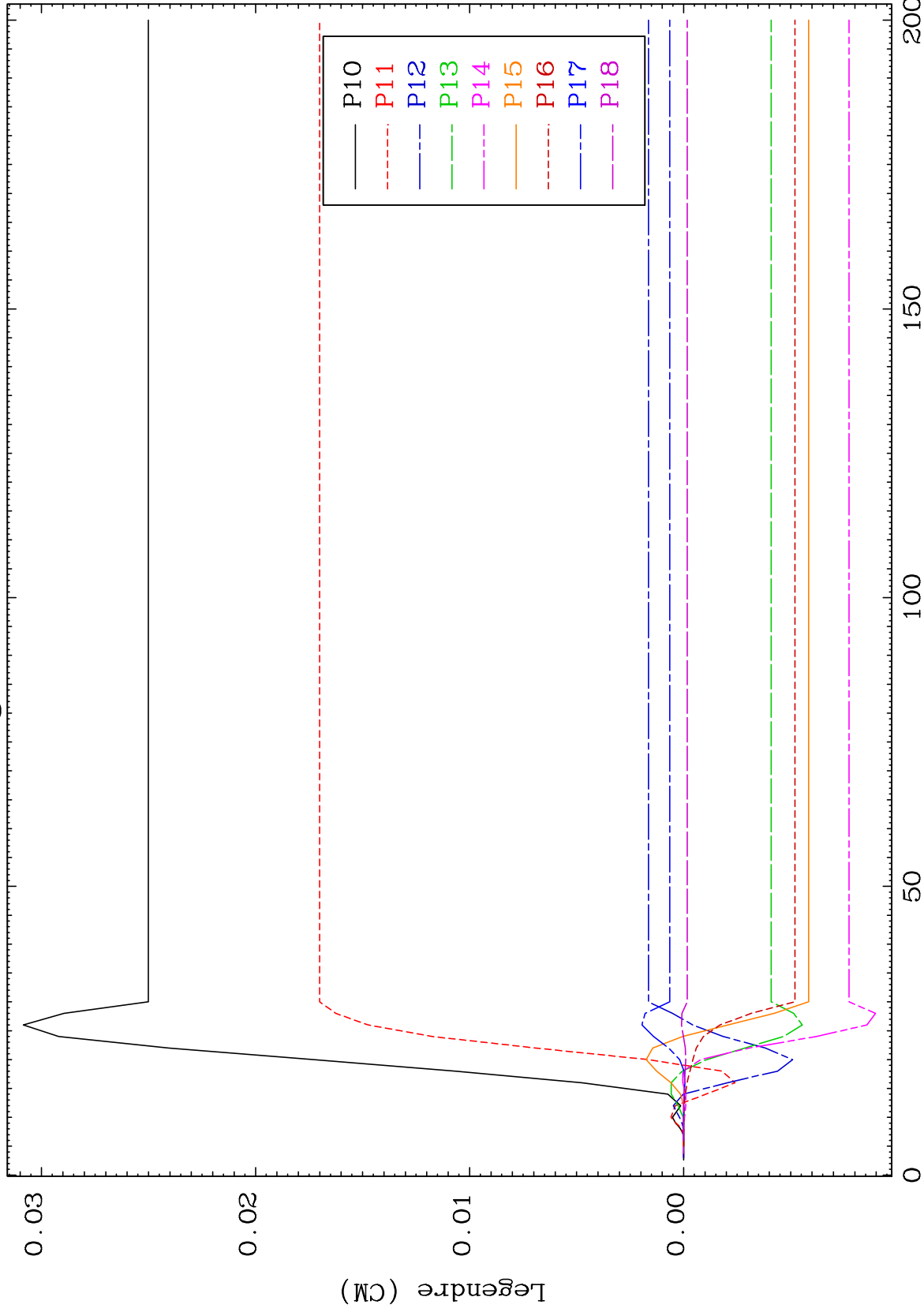
Incident Energy (MeV)

30

MAT 6801

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

68-Er-154



31

Incident Energy (MeV)

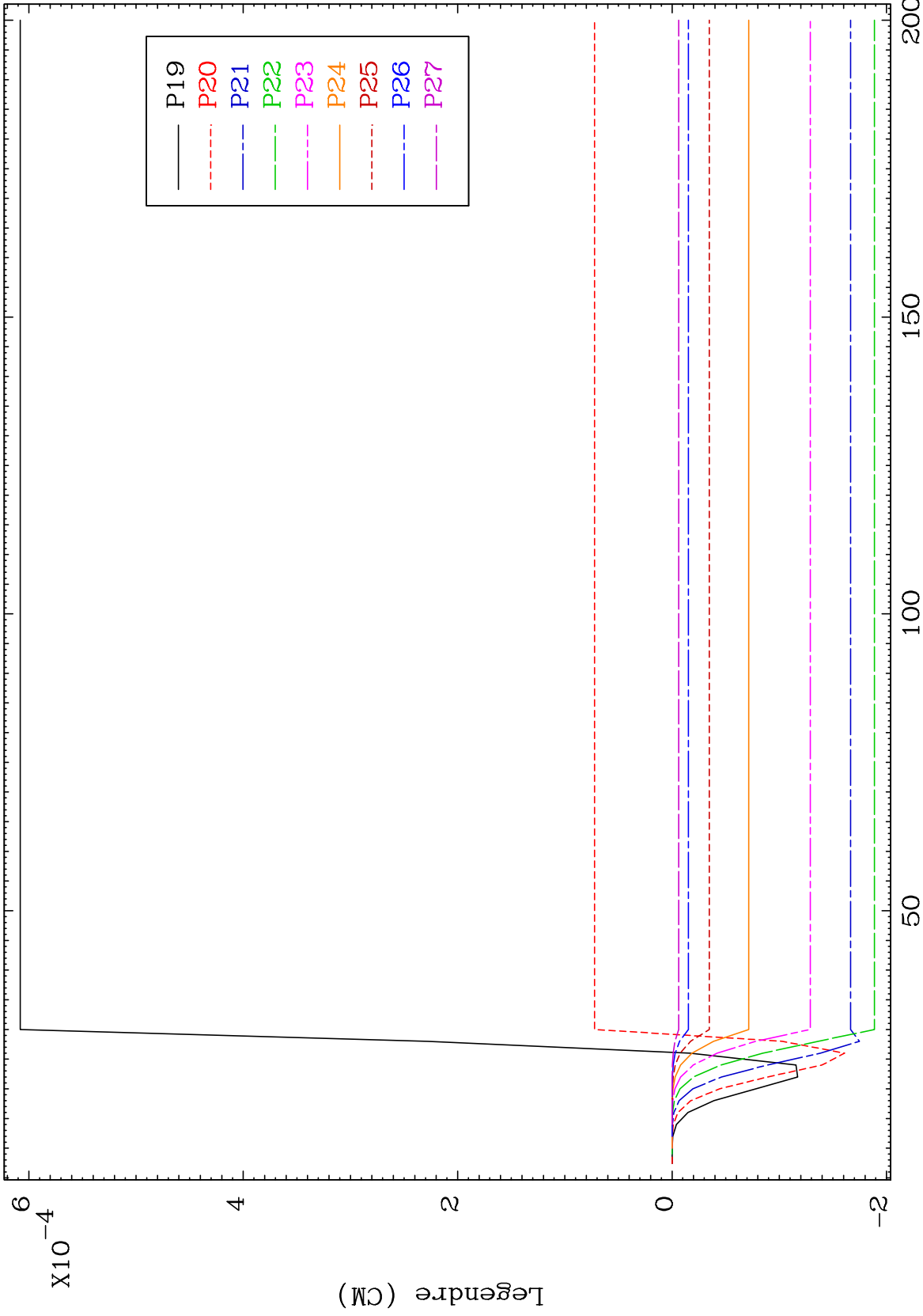
68-Er-154



MAT 6801

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

68-Er-154



32

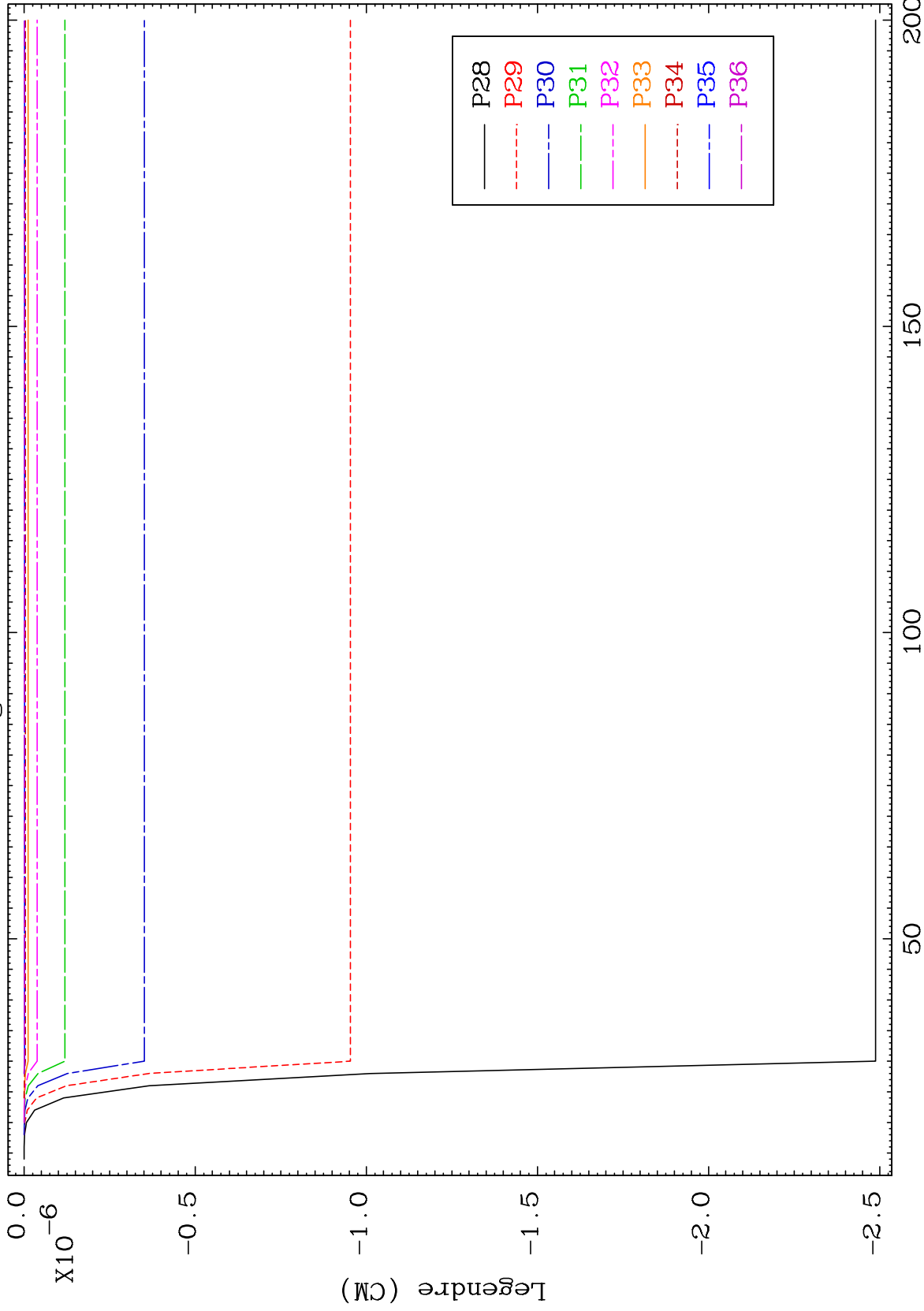
Incident Energy (MeV)

68-Er-154

MAT 6801

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

68-Er-154



33

Incident Energy (MeV)

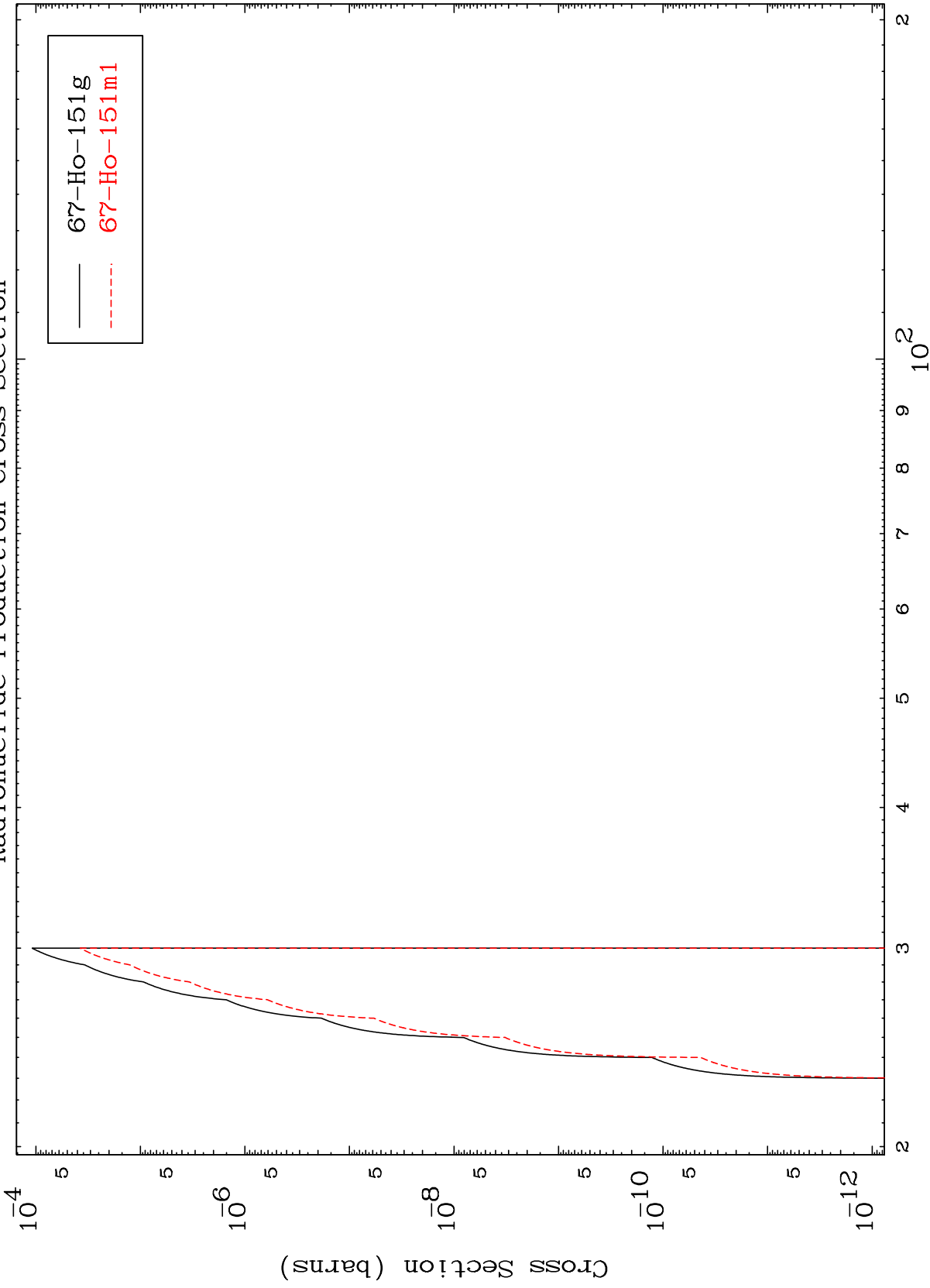
68-Er-154

MAT 6801

(n,2n) d

68-Er-154

Radionuclide Production Cross Section



34

Incident Energy (MeV)

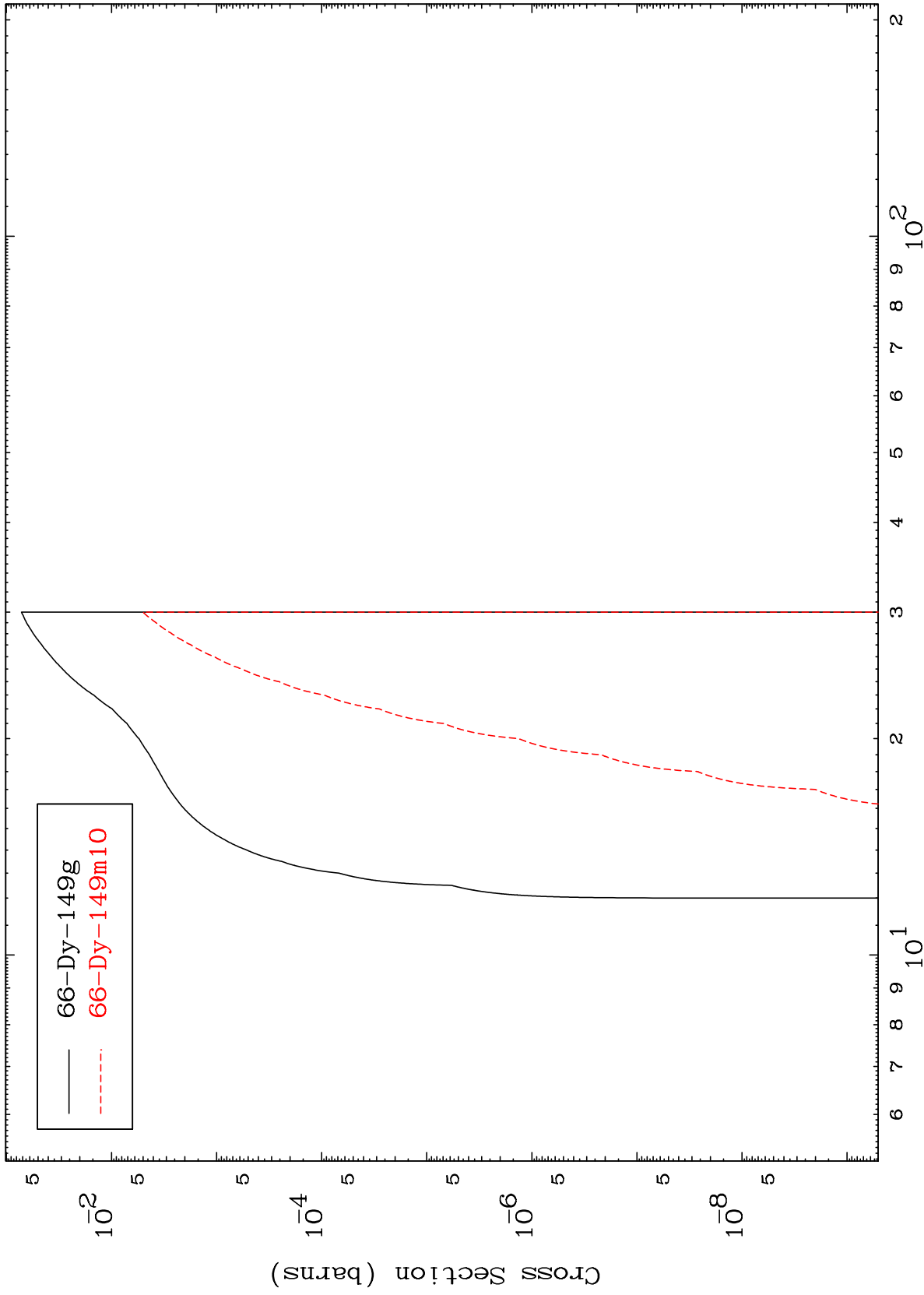
68-Er-154

MAT 6801

(n,2n)  $\alpha$

68-Er-154

Radionuclide Production Cross Section



35

Incident Energy (MeV)

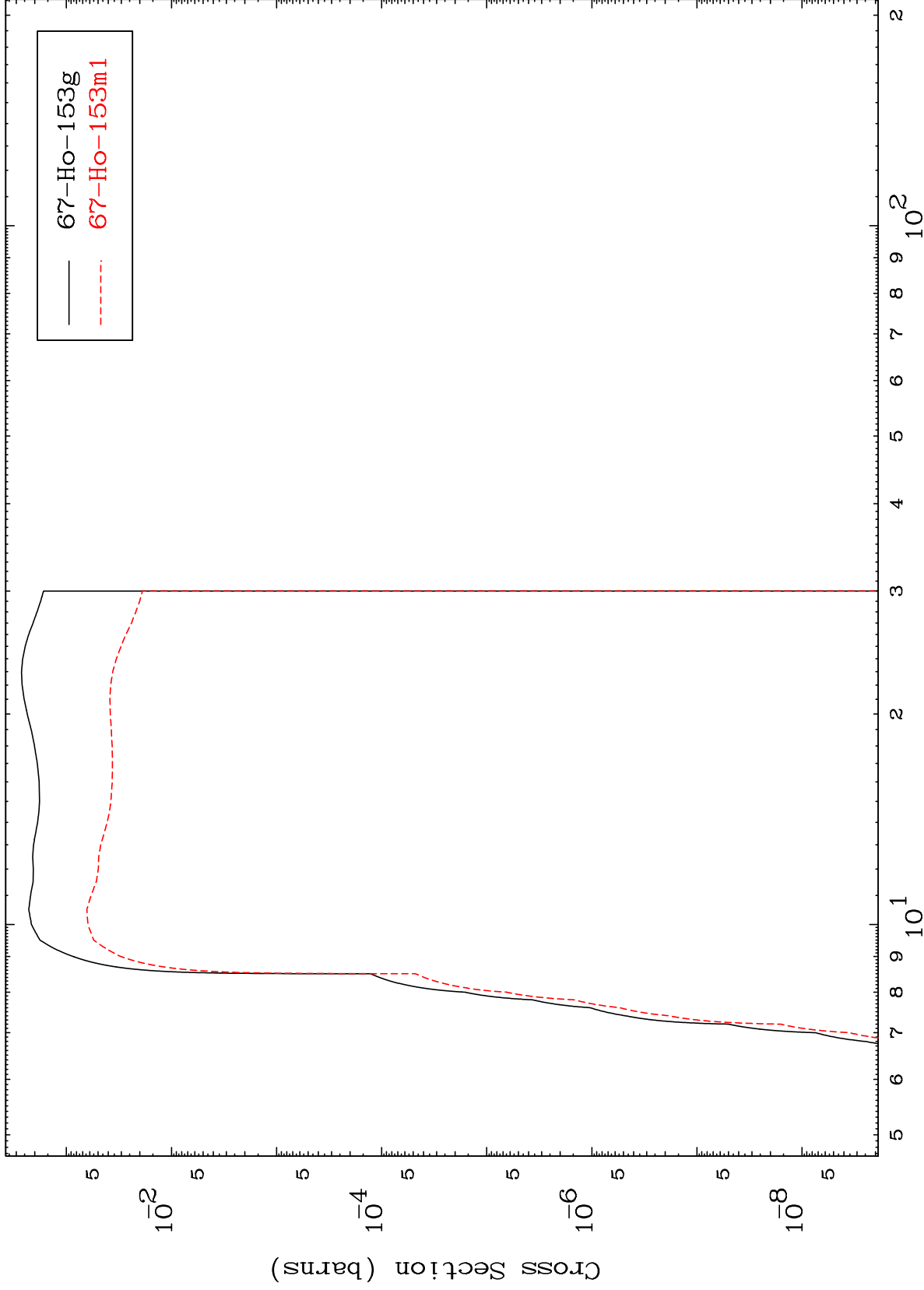
68-Er-154

MAT 6801

(n,n') p

68-Er-154

Radionuclide Production Cross Section



36

Incident Energy (MeV)

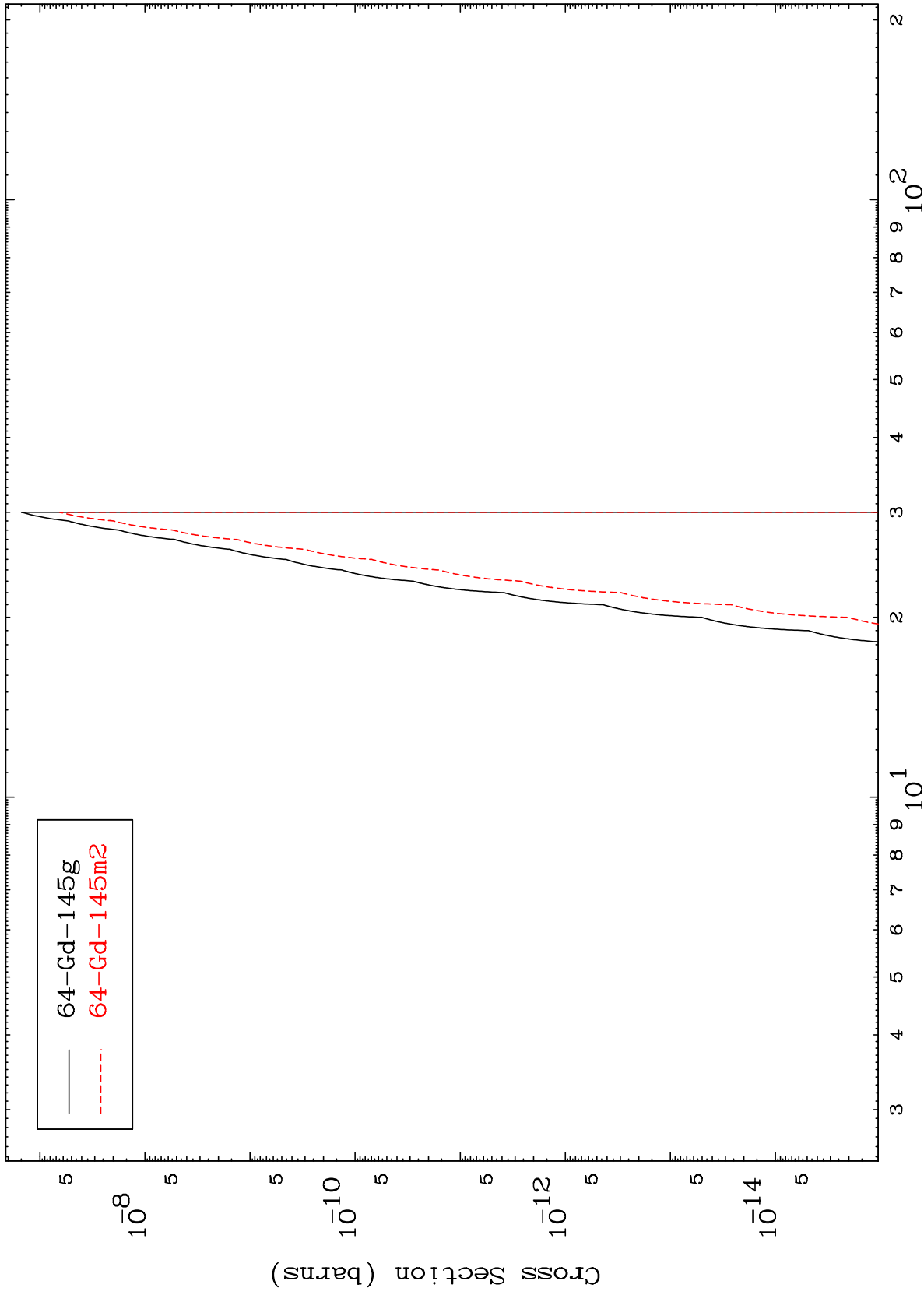
68-Er-154

MAT 6801

(n,2n) 2α

68-Er-154

Radionuclide Production Cross Section



37

Incident Energy (MeV)

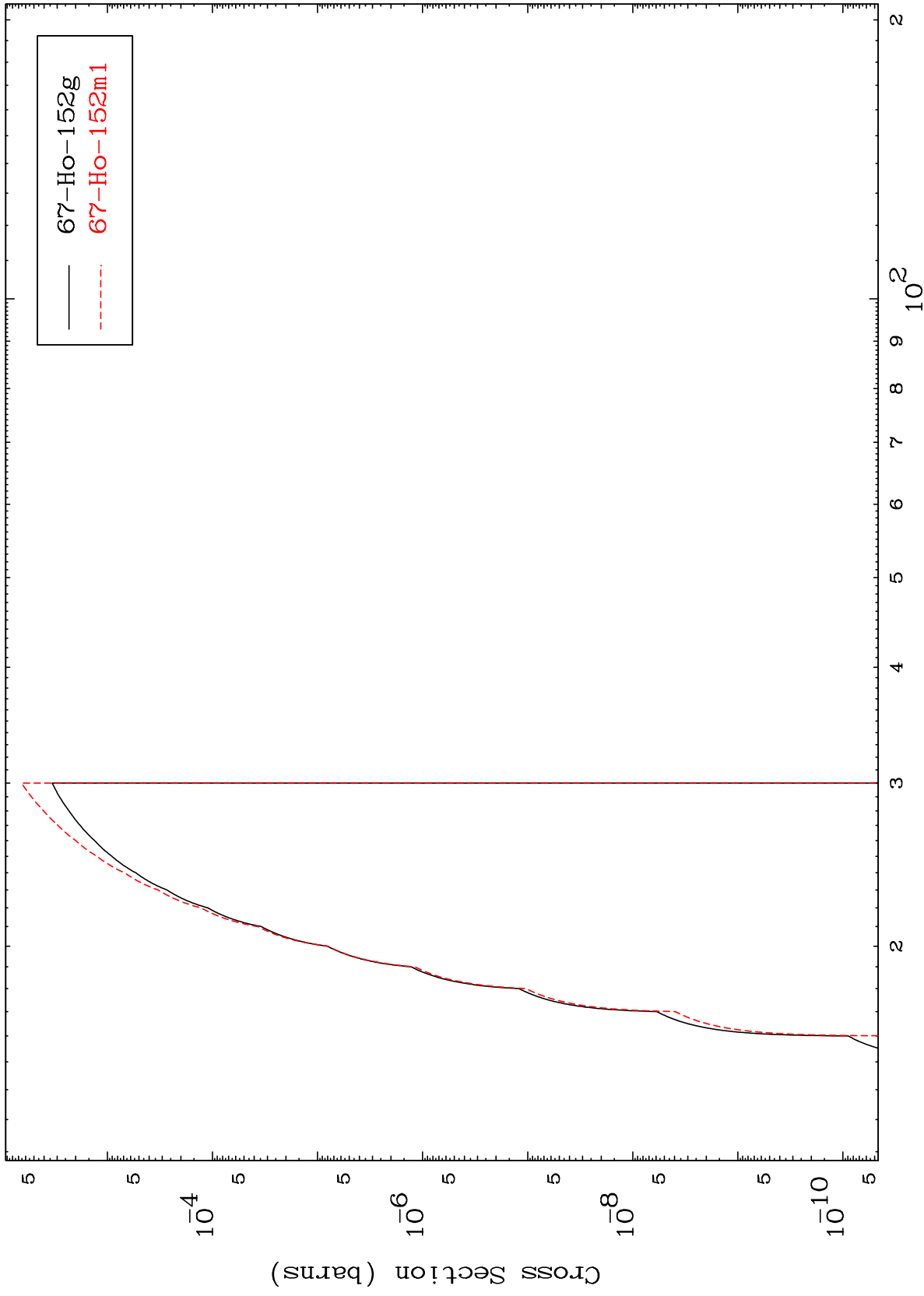
68-Er-154

MAT 6801

(n,n') d

68-Er-154

Radionuclide Production Cross Section



38

Incident Energy (MeV)

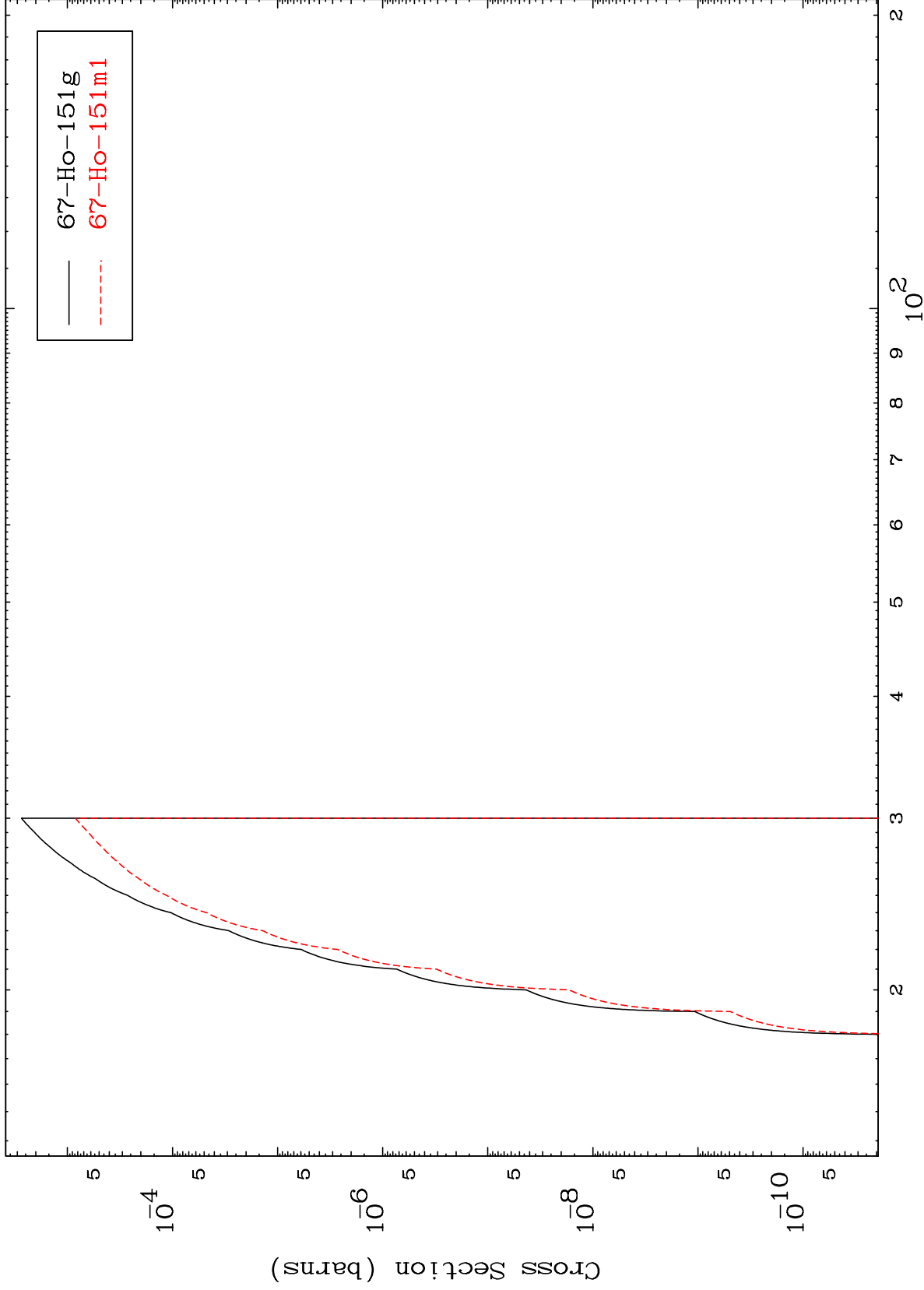
68-Er-154

MAT 6801

(n,n') t

68-Er-154

Radionuclide Production Cross Section

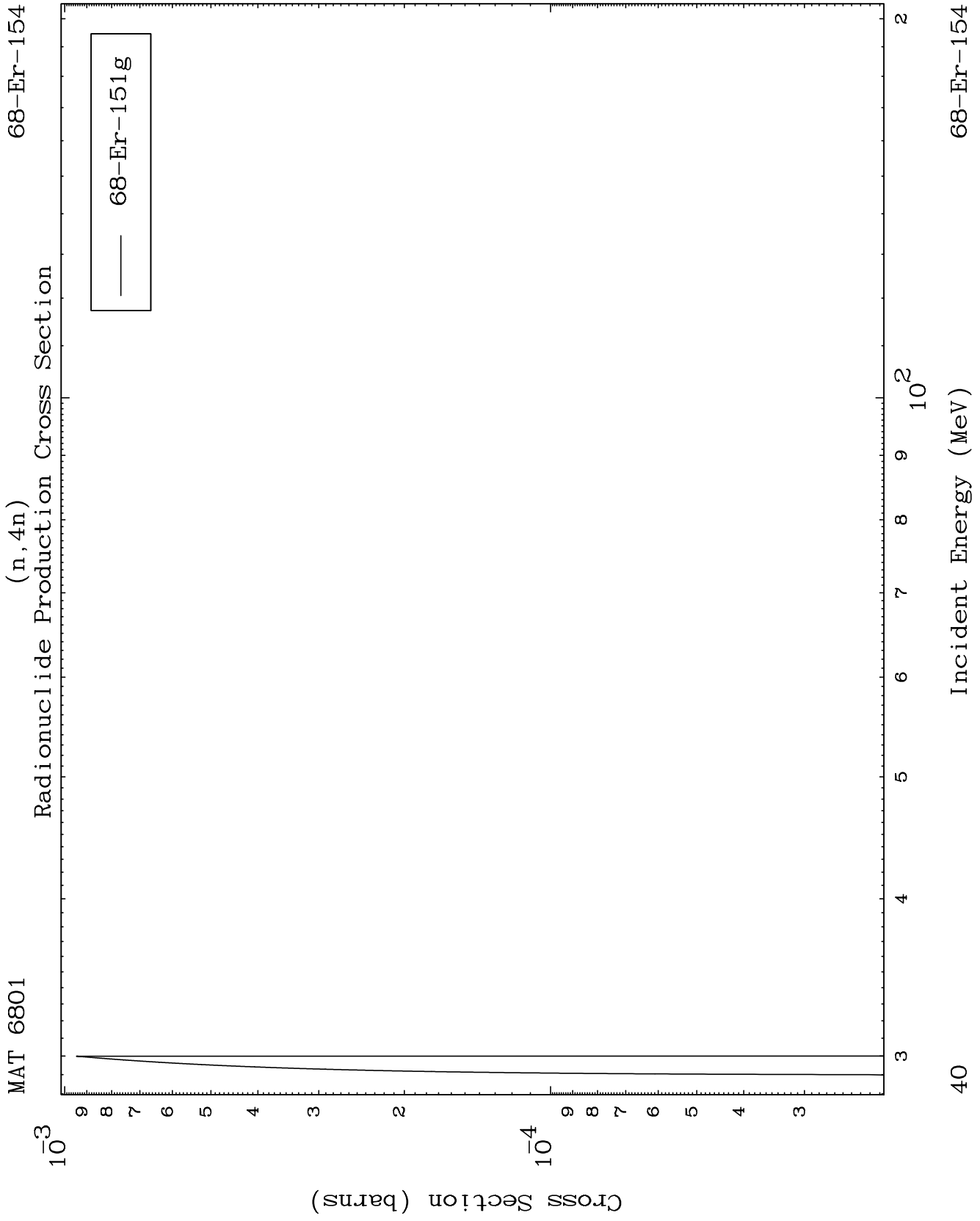


39

Incident Energy (MeV)

68-Er-154



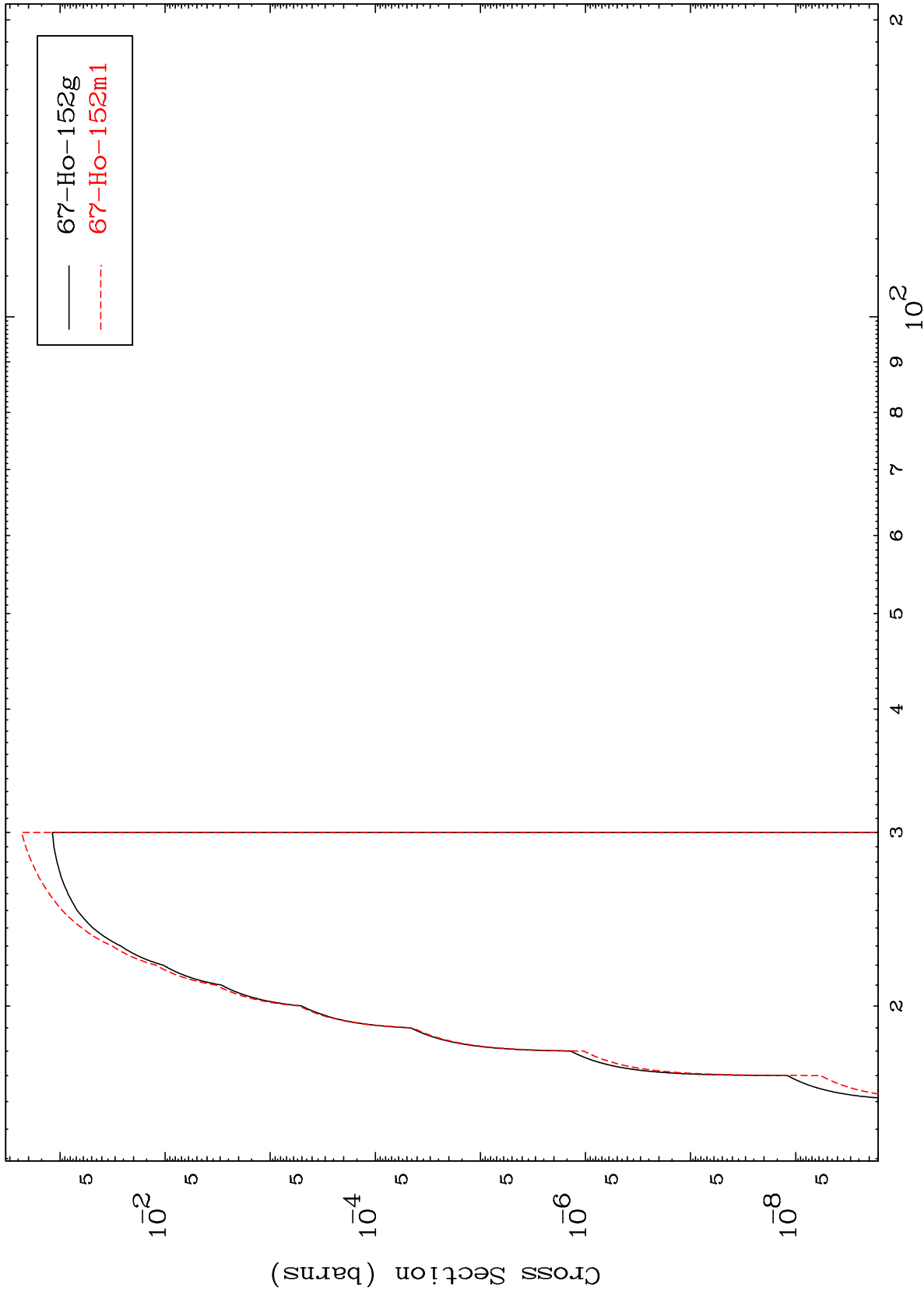


MAT 6801

(n,2n) p

68-Er-154

Radionuclide Production Cross Section

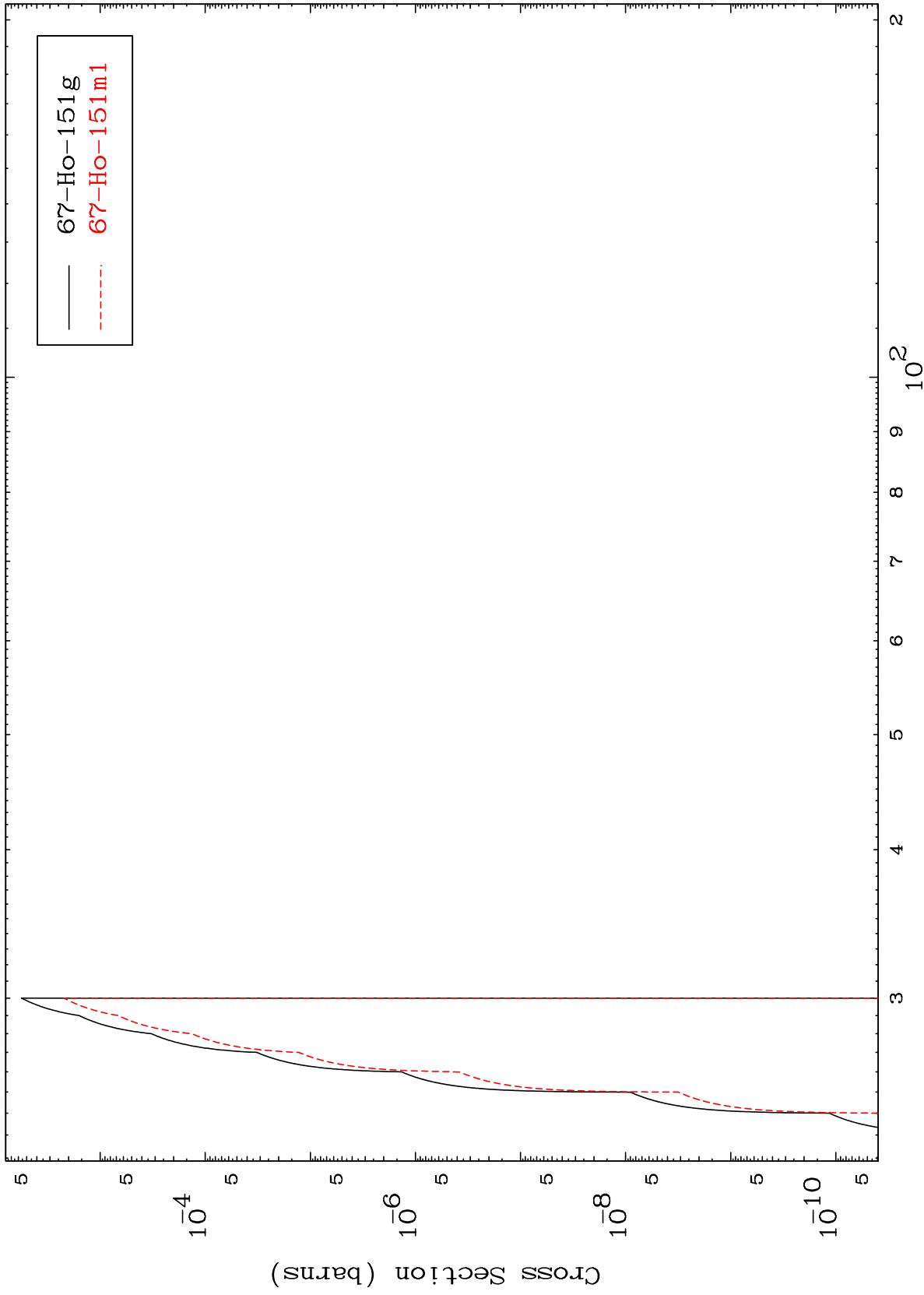


41

Incident Energy (MeV)

68-Er-154

Radionuclide Production Cross Section

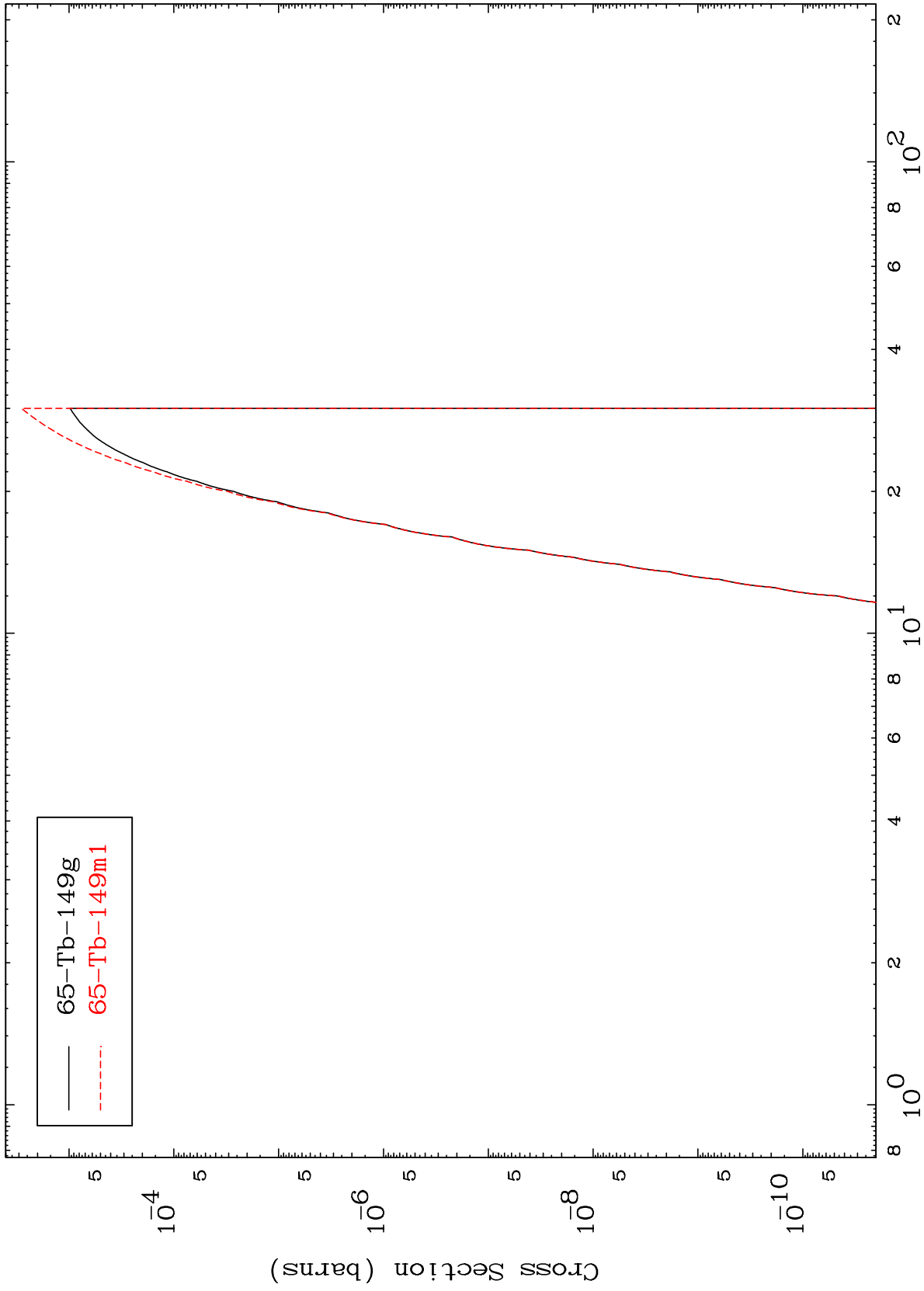


MAT 6801

(n,n') p  $\alpha$

68-Er-154

Radionuclide Production Cross Section



43

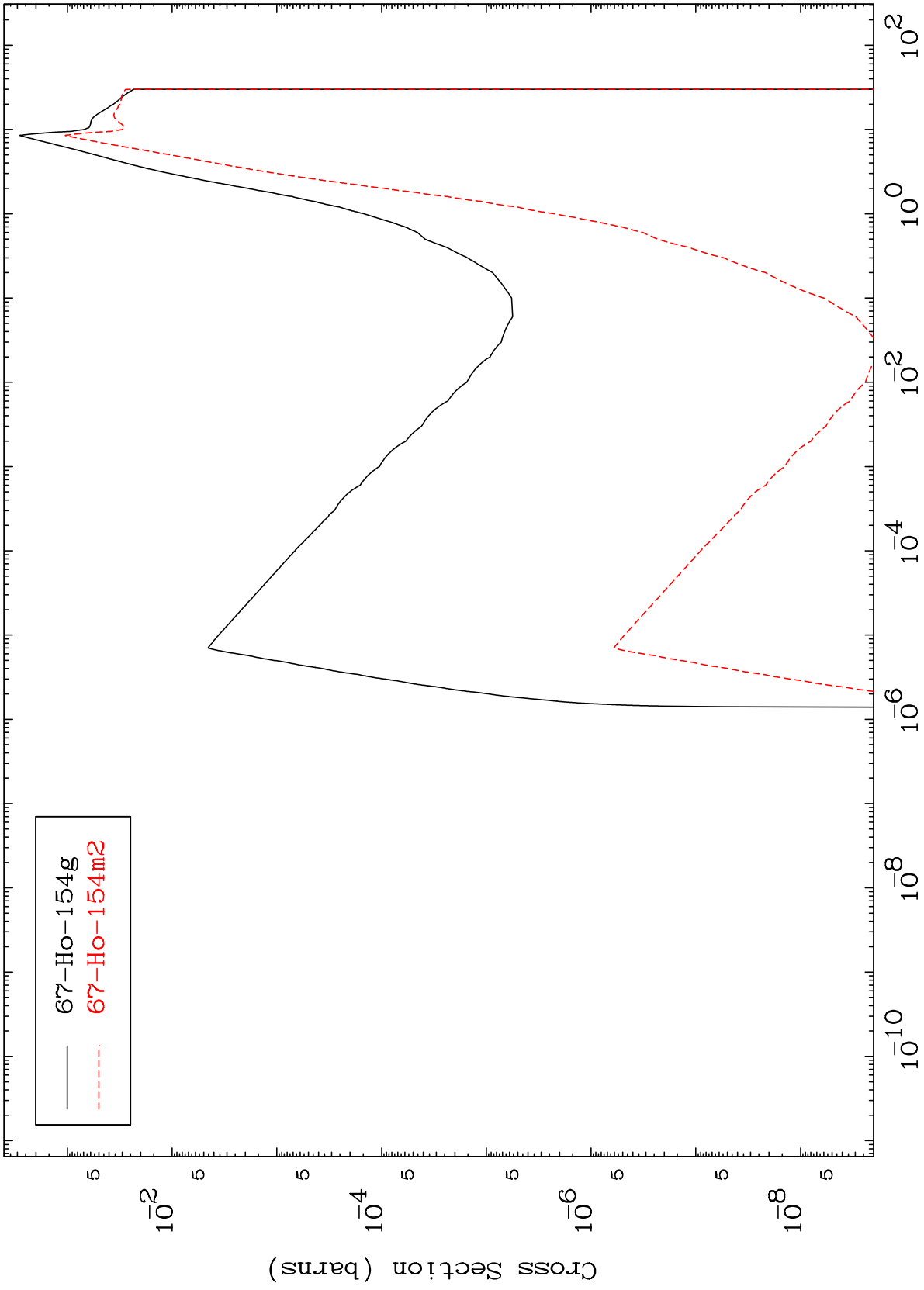
Incident Energy (MeV)

68-Er-154

MAT 6801

68-Er-154

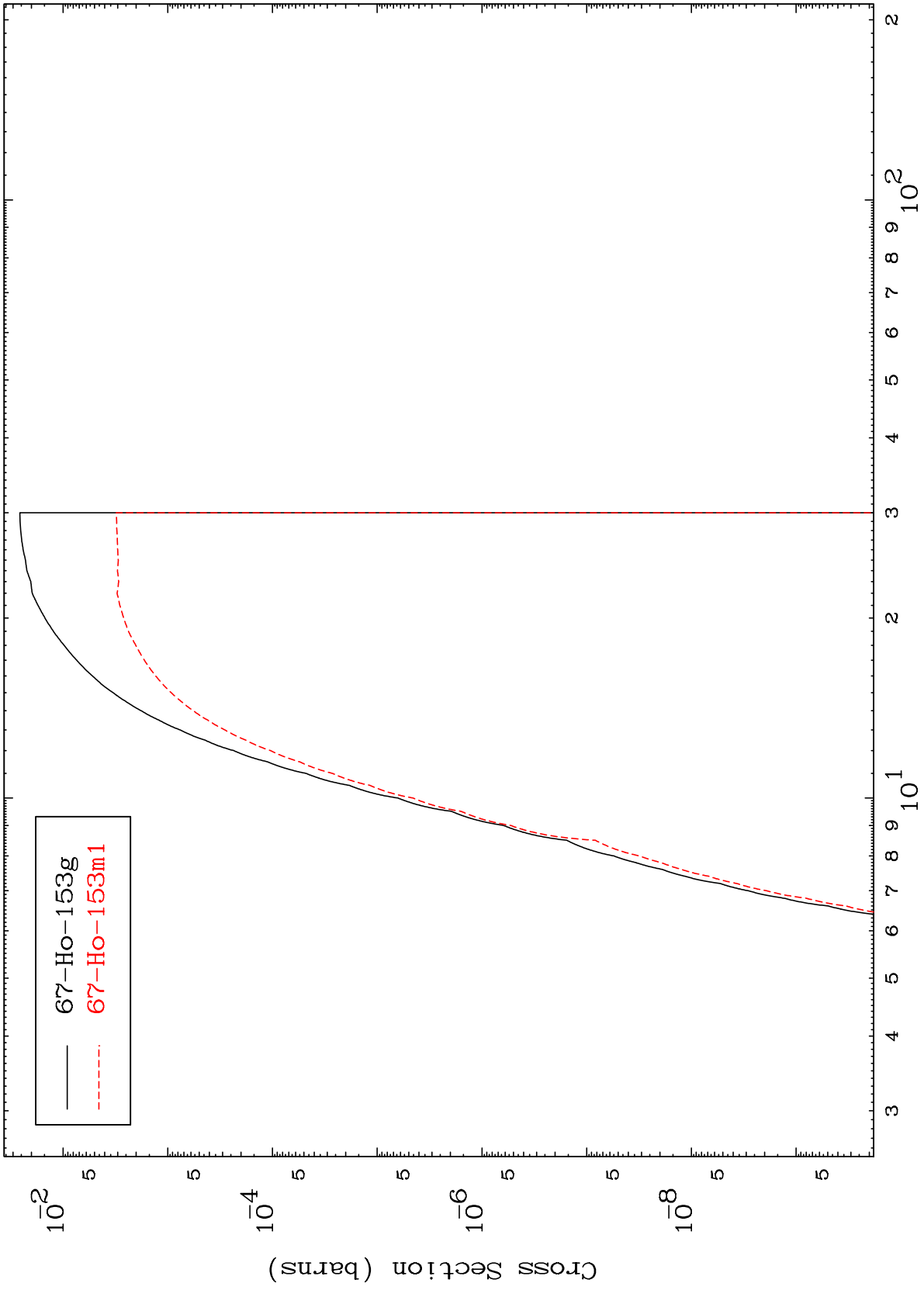
(n,p)  
Radionuclide Production Cross Section



MAT 6801

Radionuclide Production Cross Section  
(n,d)

68-Er-154



67-Ho-153g  
67-Ho-153m1

45

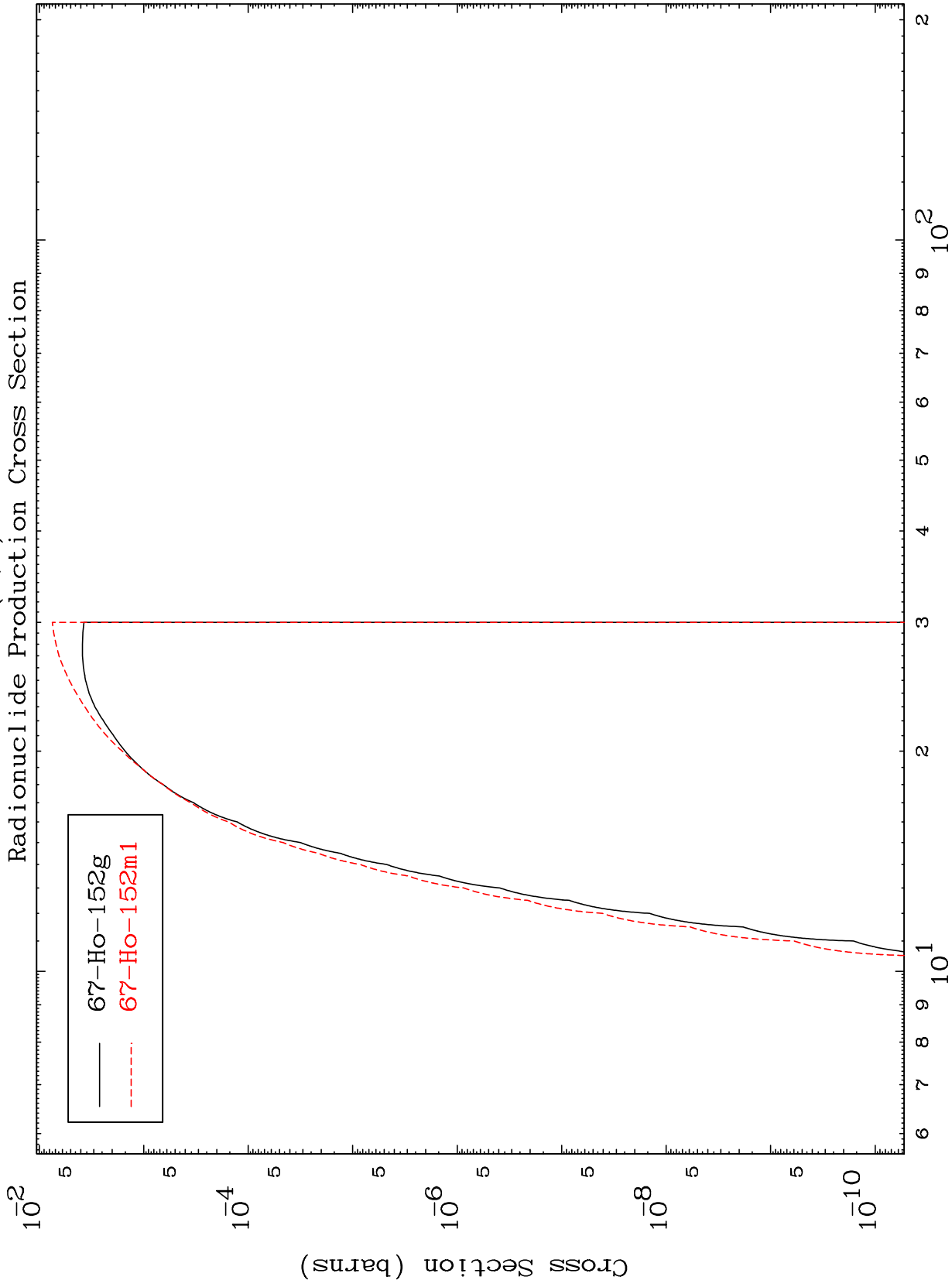
Incident Energy (MeV)

68-Er-154

MAT 6801

68-Er-154

(n, t)  
Radionuclide Production Cross Section



46

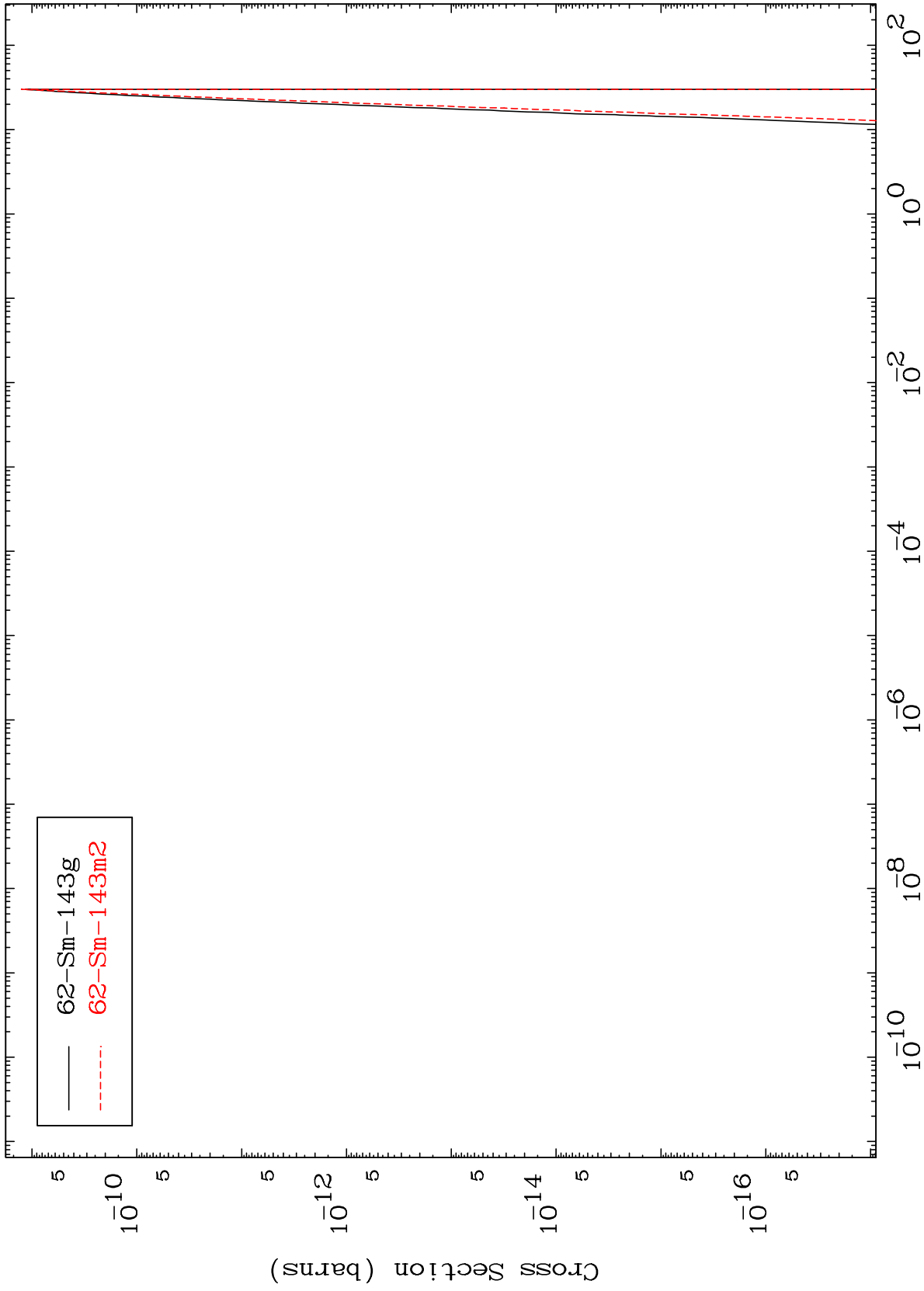
68-Er-154

MAT 6801

(n,3α)

68-Er-154

Radionuclide Production Cross Section



47

Incident Energy (MeV)

68-Er-154

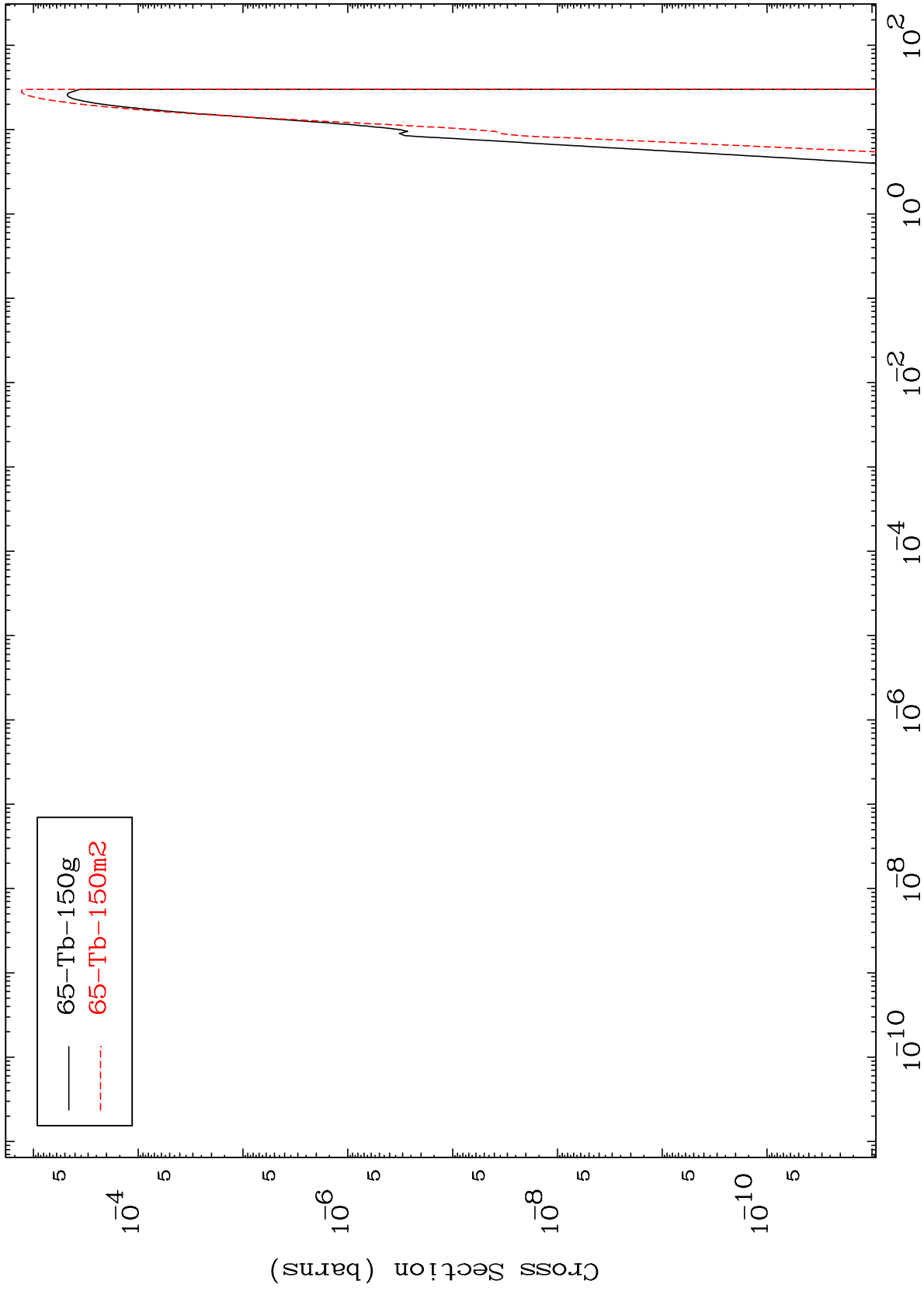


MAT 6801

(n,p)  $\alpha$

68-Er-154

Radionuclide Production Cross Section



48

Incident Energy (MeV)

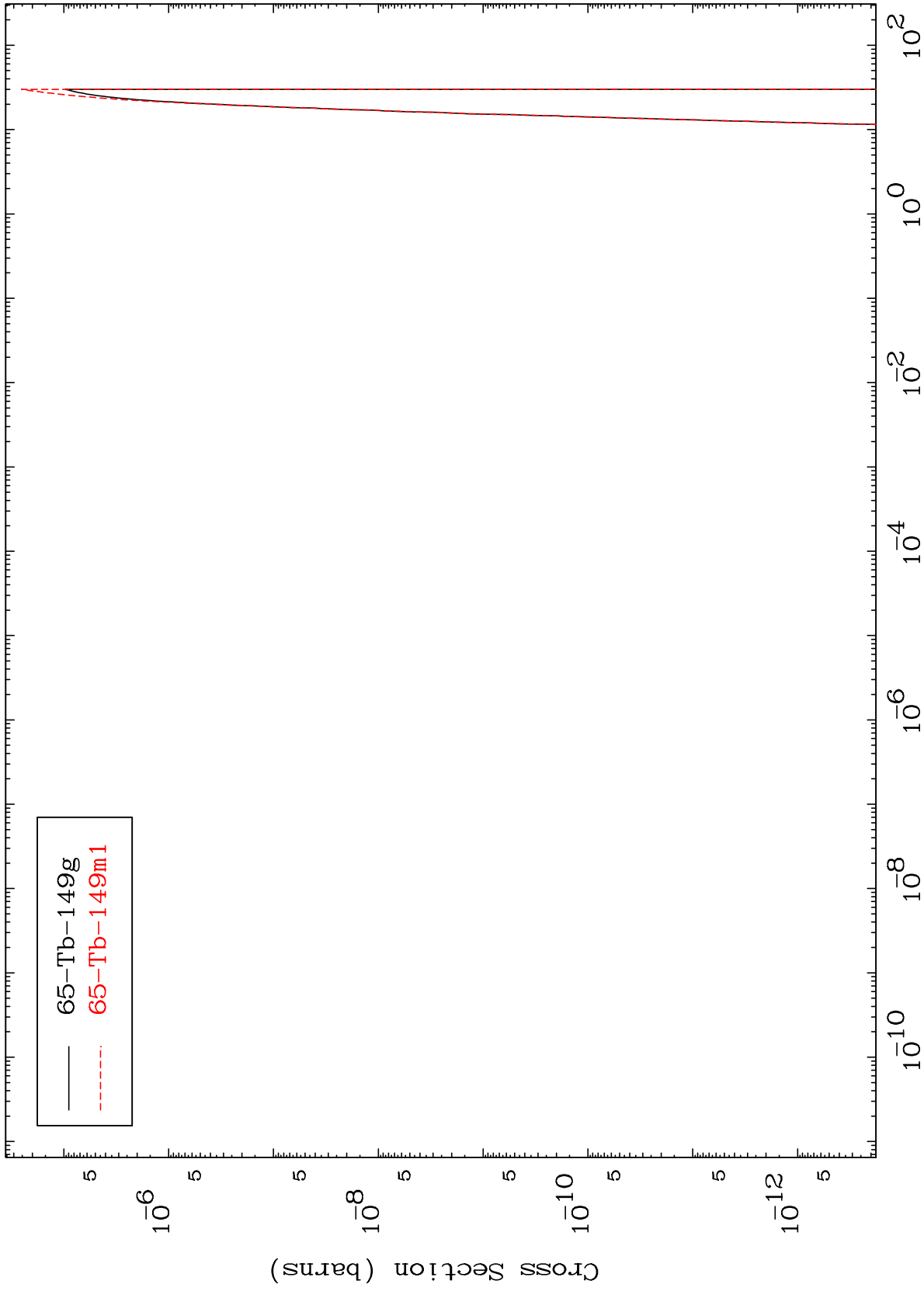
68-Er-154

MAT 6801

(n,d)  $\alpha$

68-Er-154

Radionuclide Production Cross Section



49

Incident Energy (MeV)

68-Er-154