

Program EVALPLOT  
(Version 2015-2)

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:home.comcast.net/~redcullen1

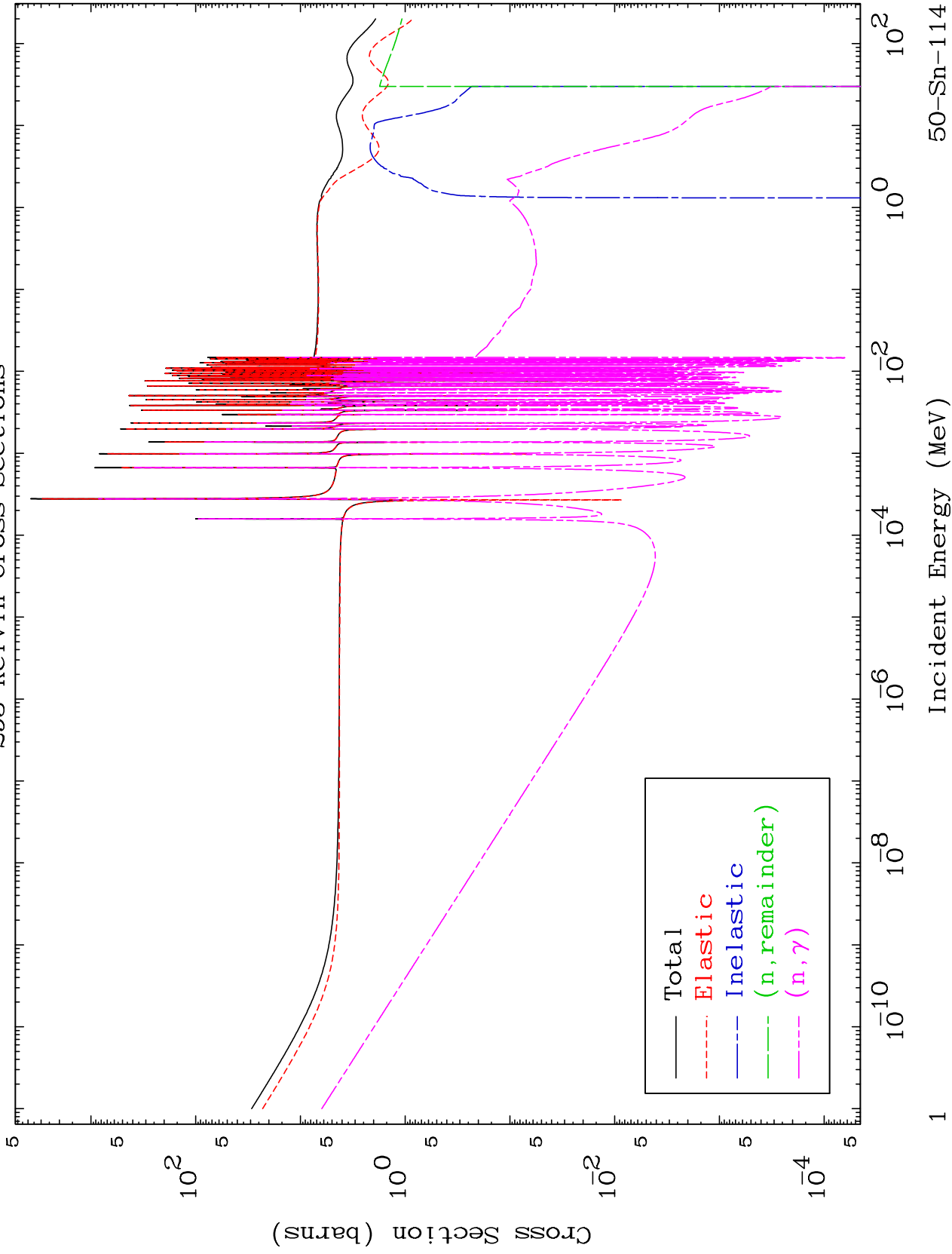
Press Mouse Button to Start

MAT 5031

Major

293 Kelvin Cross Sections

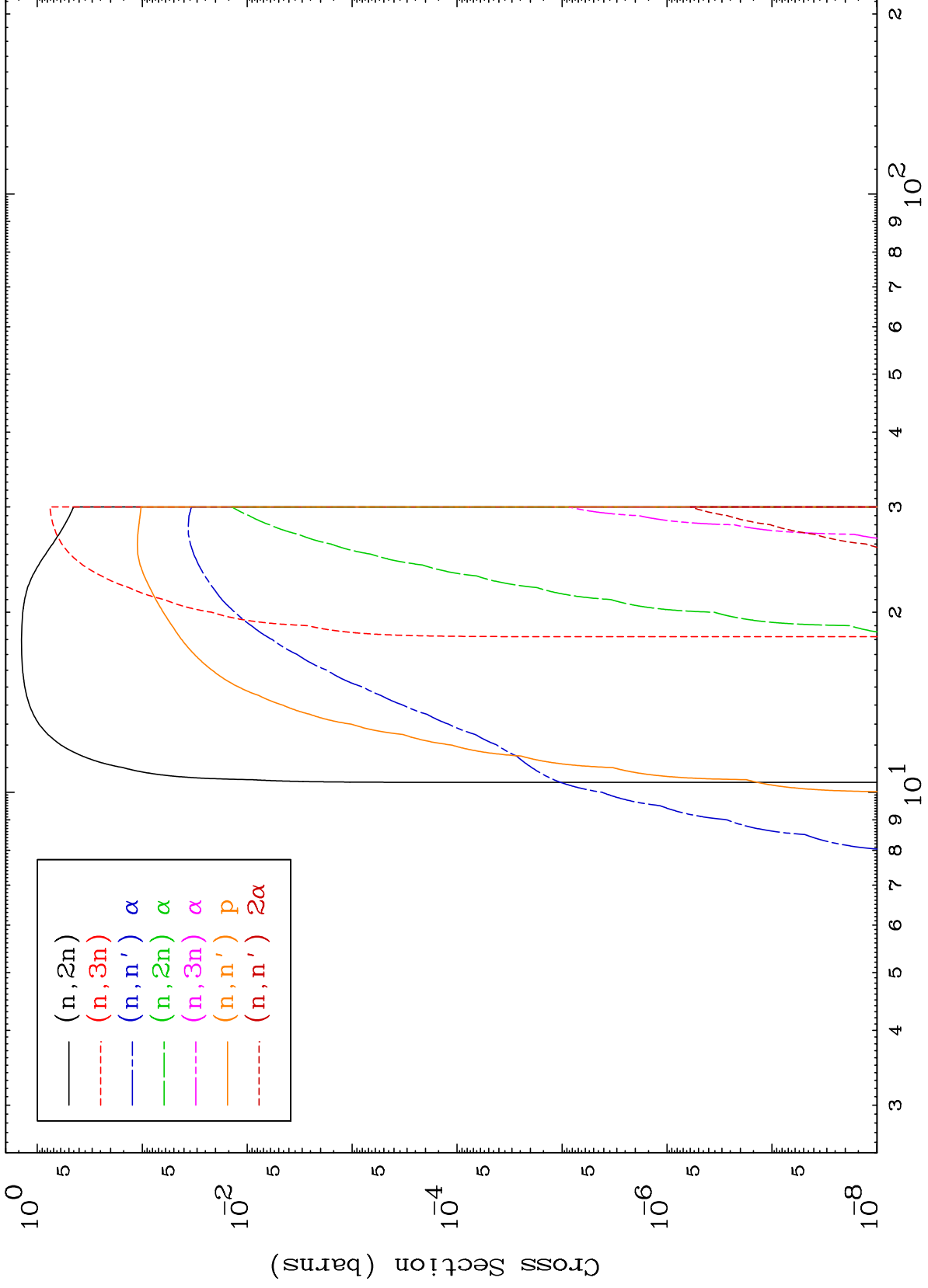
50-Sn-114

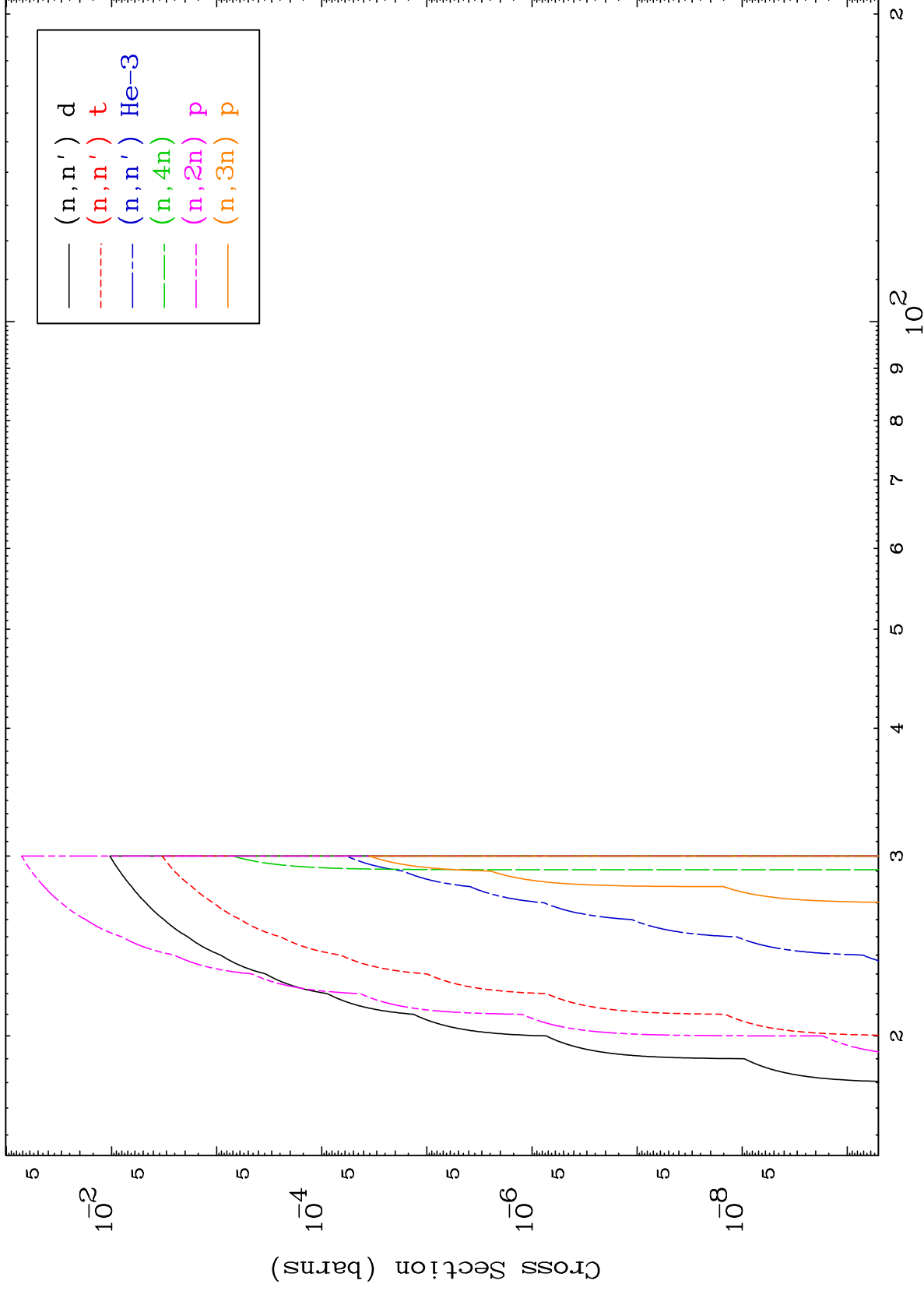


MAT 5031

Neutron Production  
293 Kelvin Cross Sections

50-Sn-114

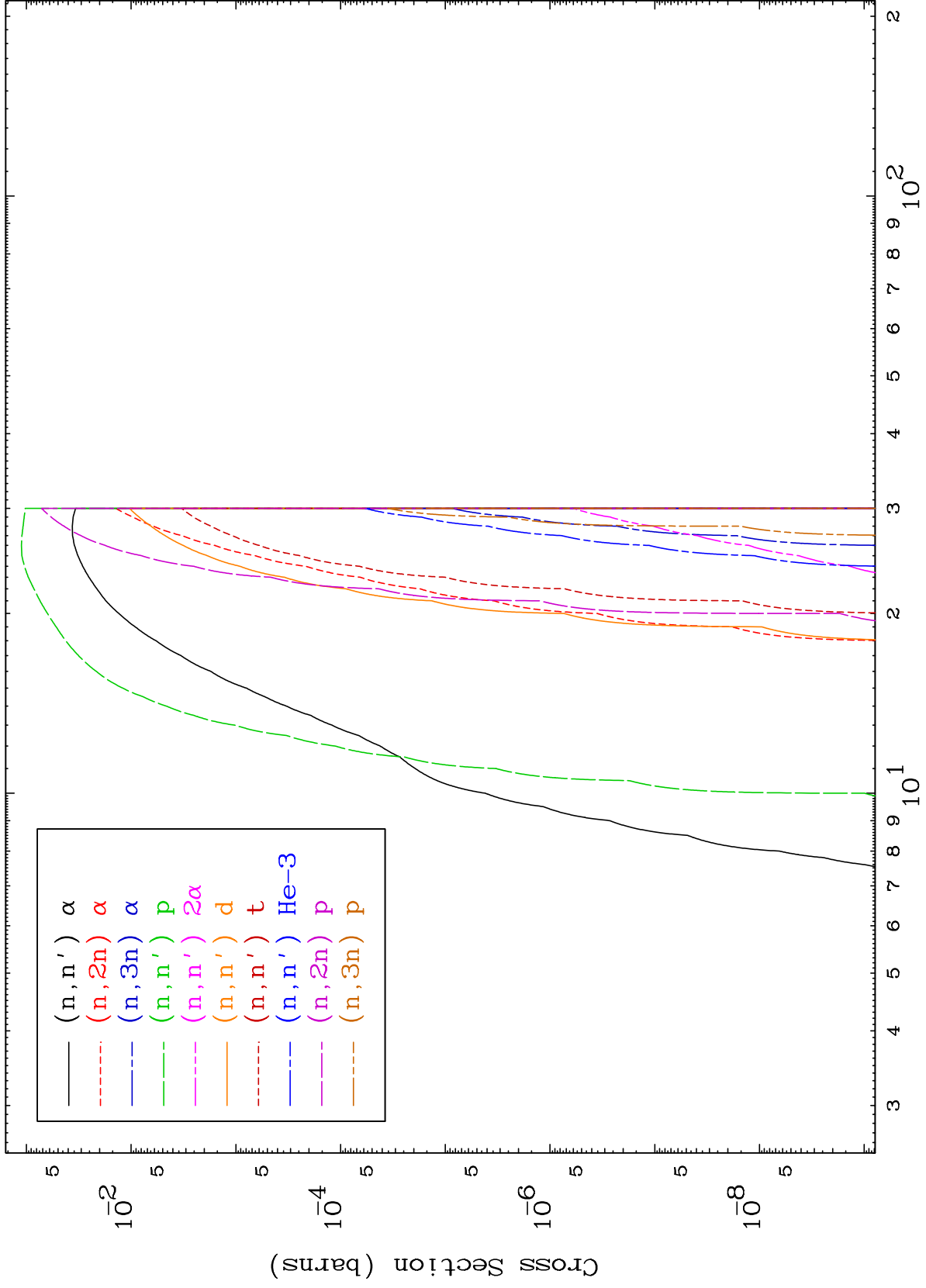




MAT 5031

Charged Particle  
293 Kelvin Cross Sections

50-Sn-114



50-Sn-114

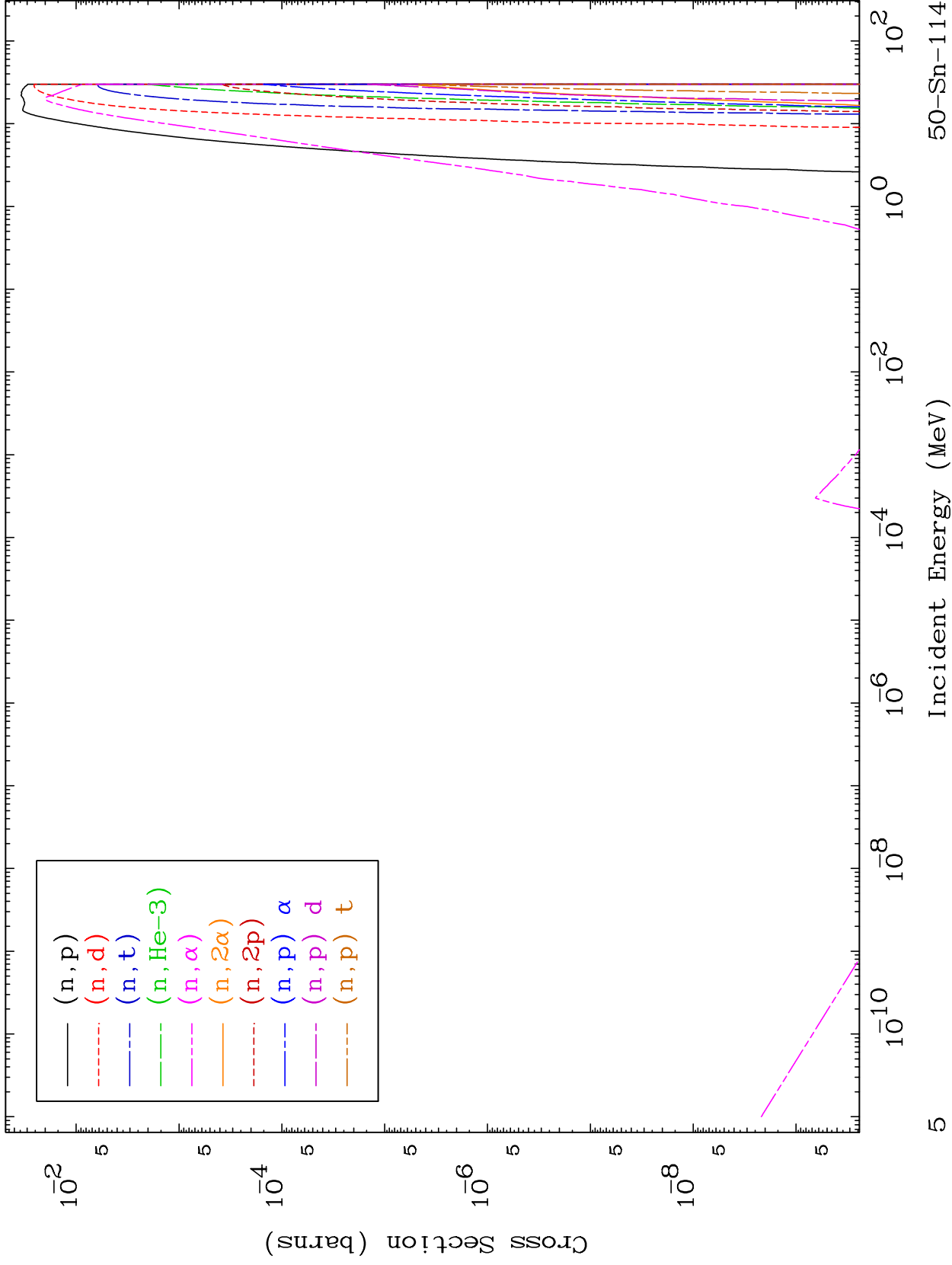
Incident Energy (MeV)

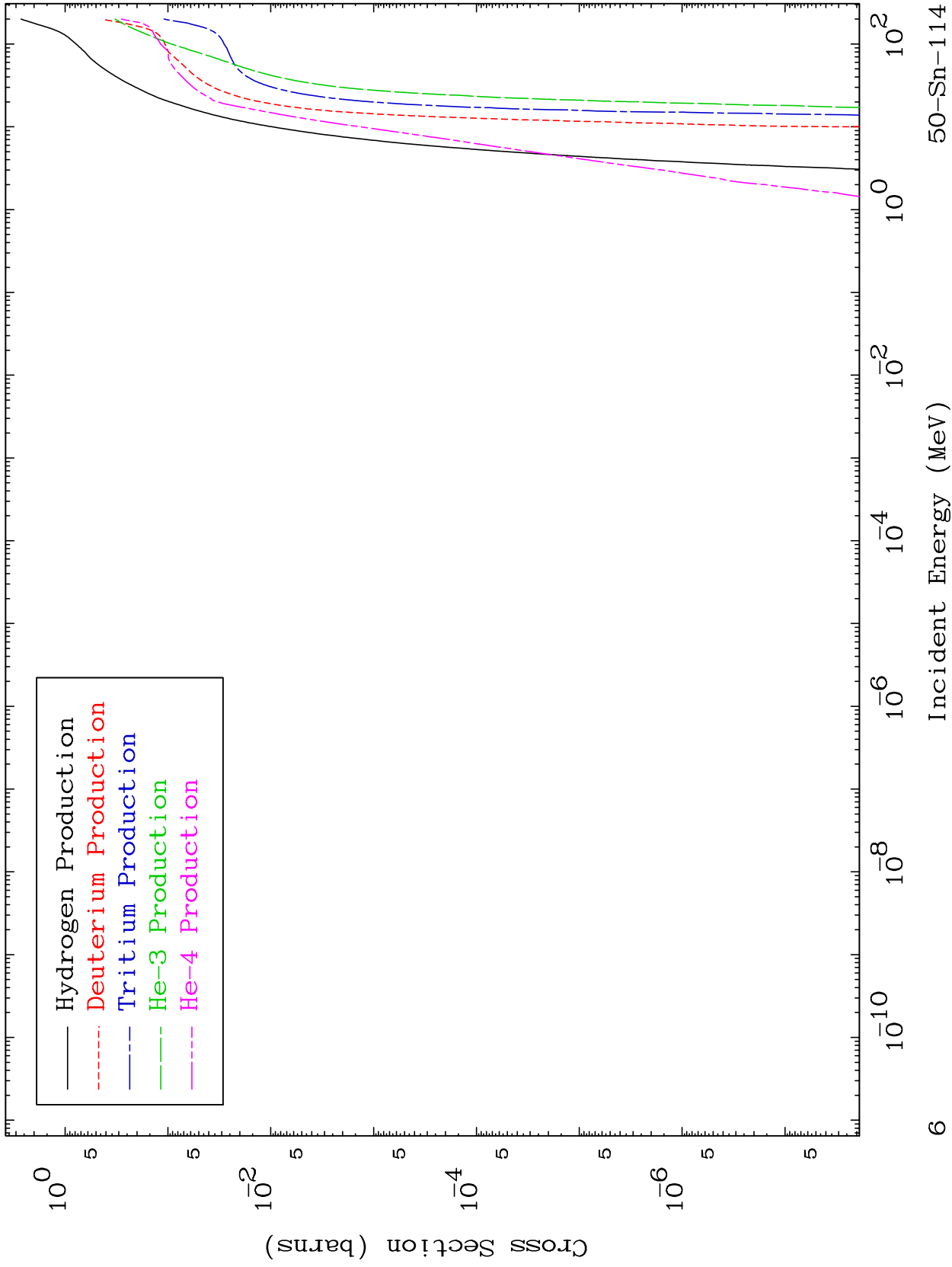
4

MAT 5031

Charged Particle  
293 Kelvin Cross Sections

50-Sn-114

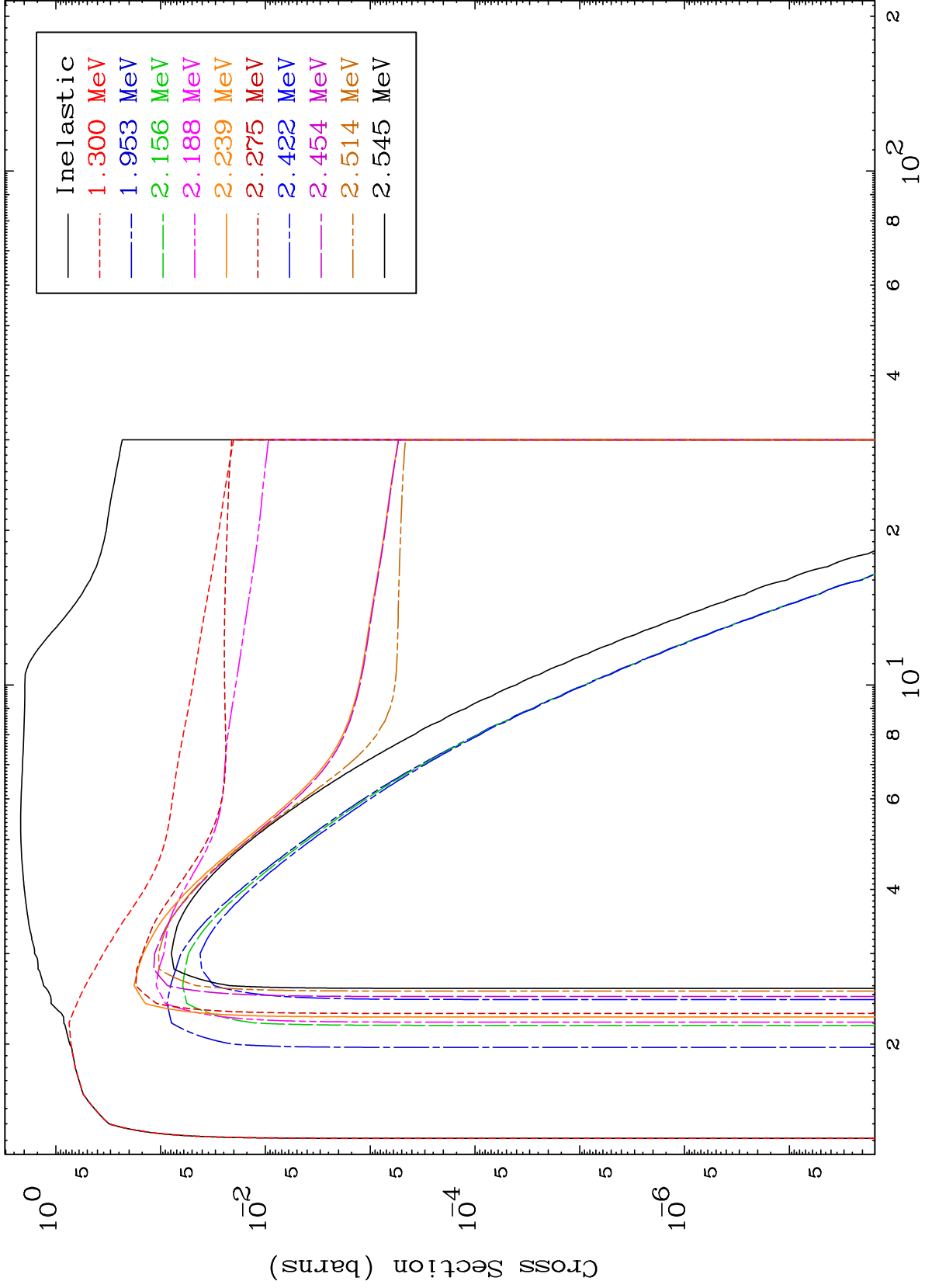




MAT 5031

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-114

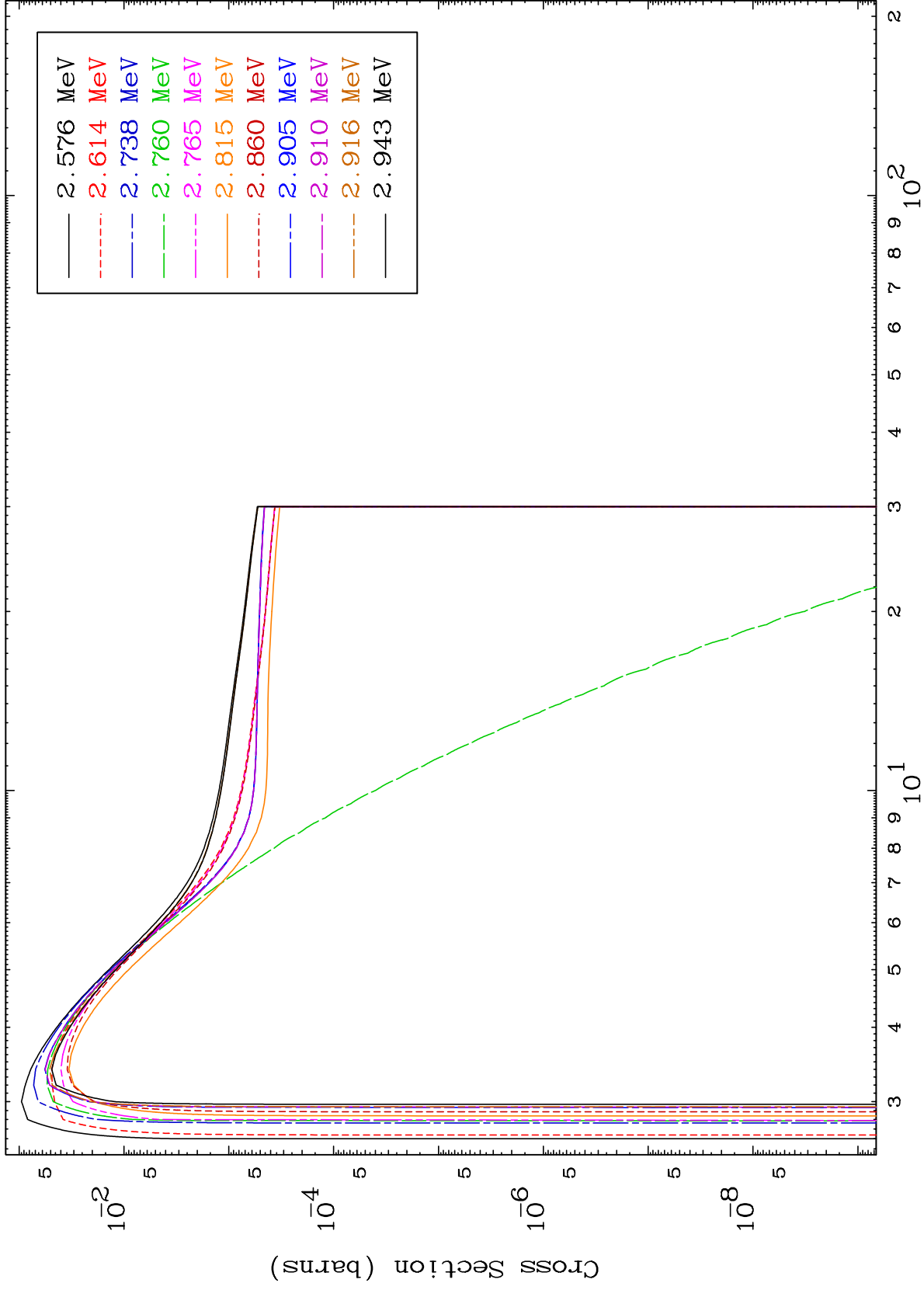




MAT 5031

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-114



8

Incident Energy (MeV)

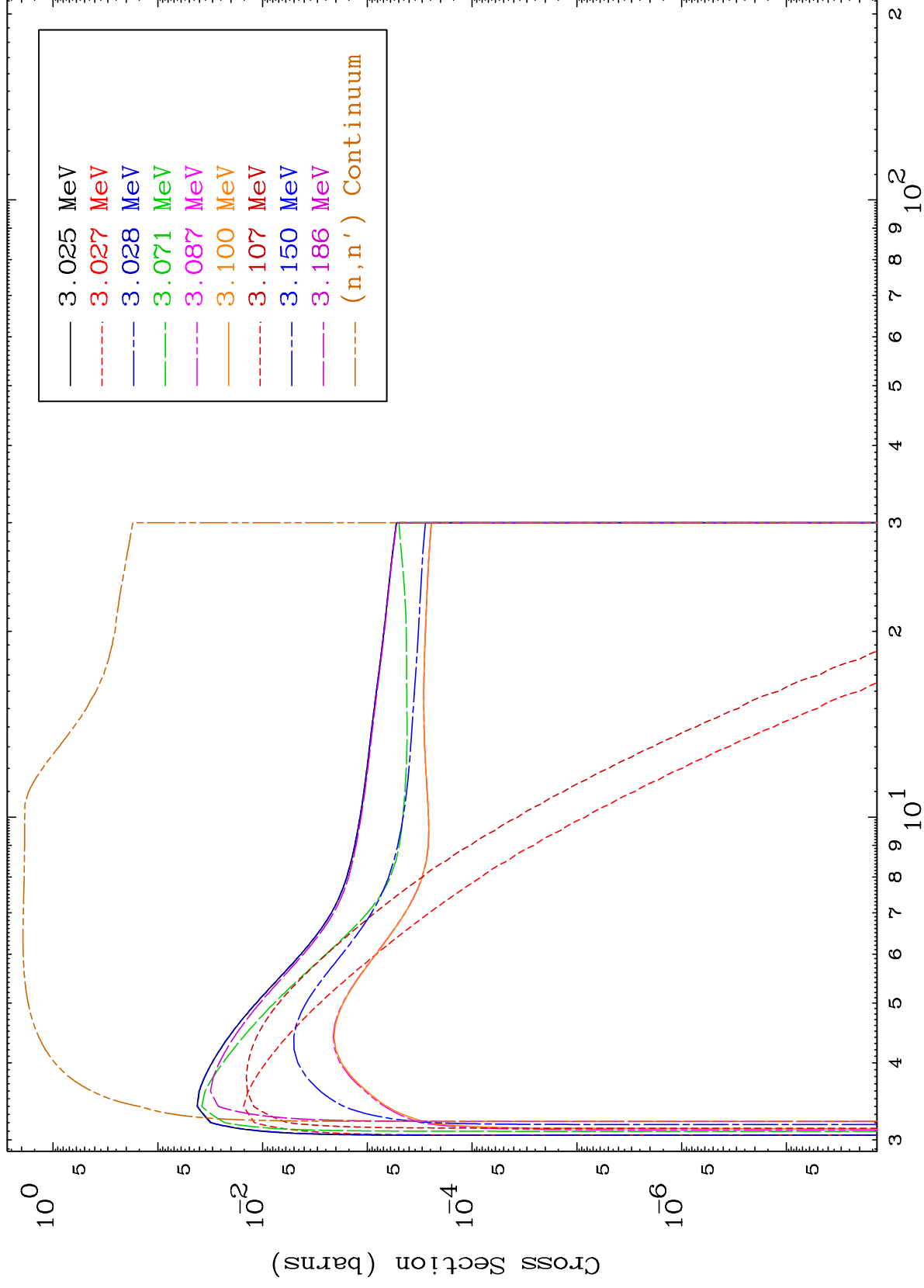
50-Sn-114

MAT 5031

(n,n') Level

50-Sn-114

293 Kelvin Cross Sections



9

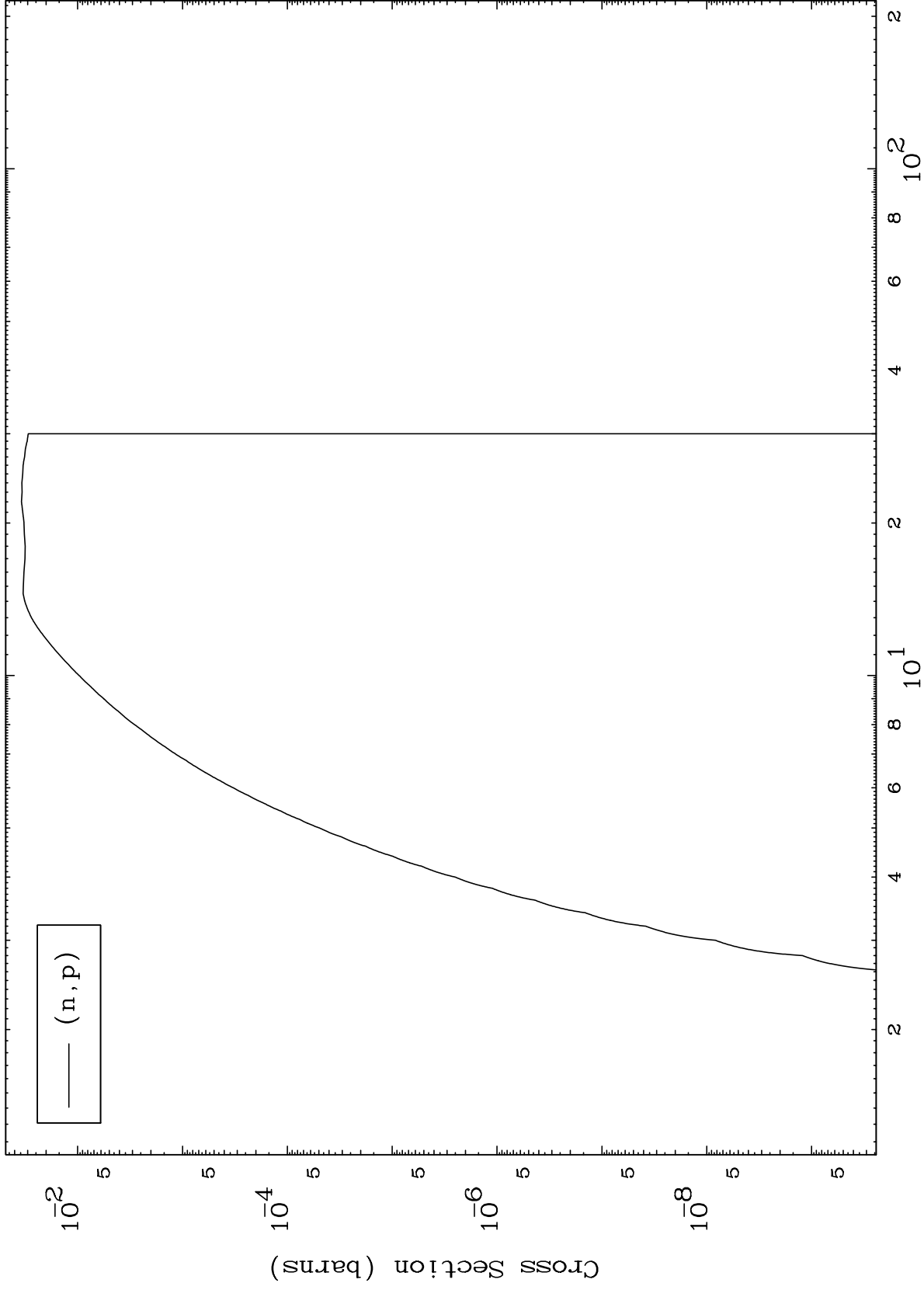
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-114



10

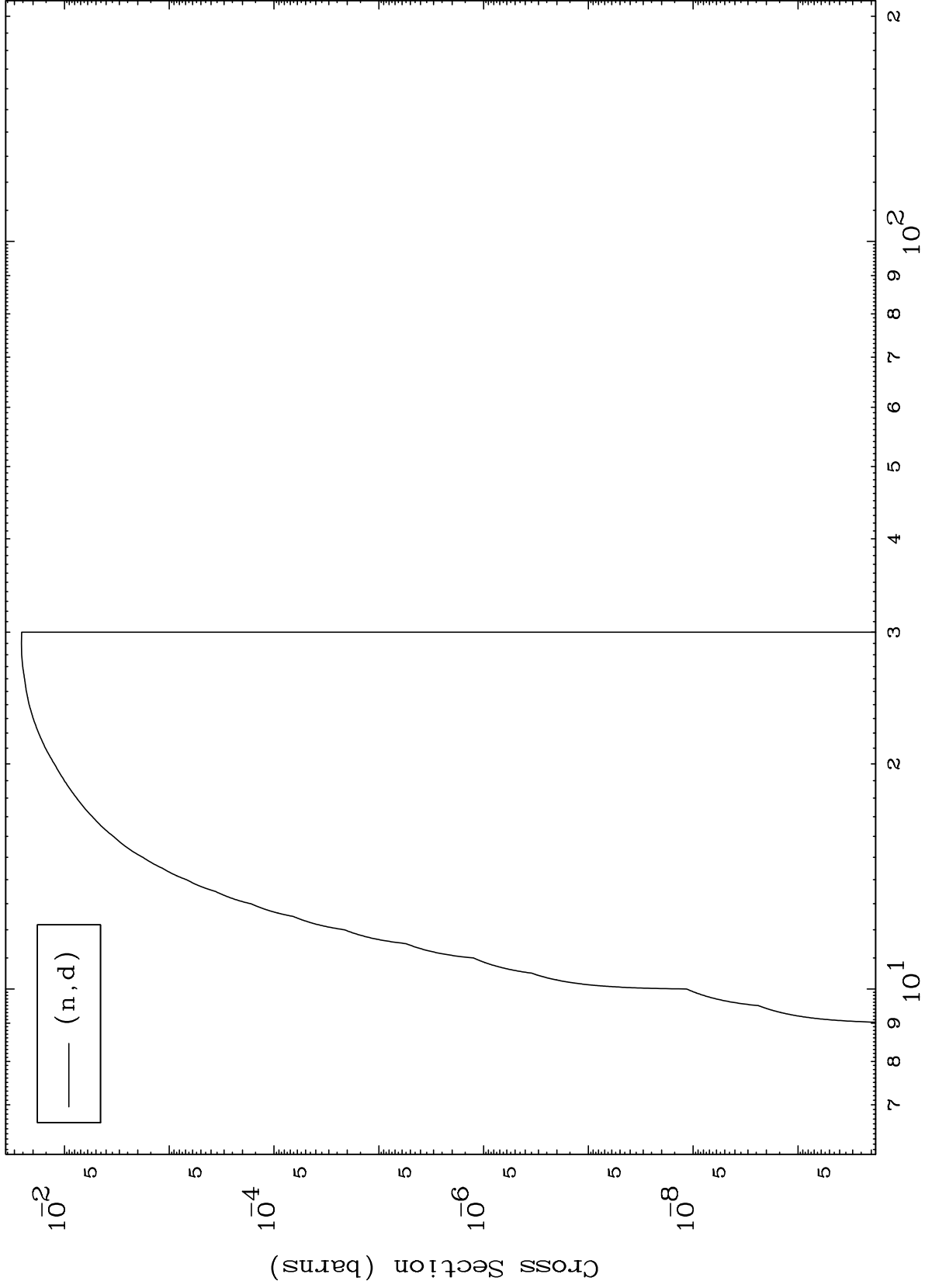
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-114



11

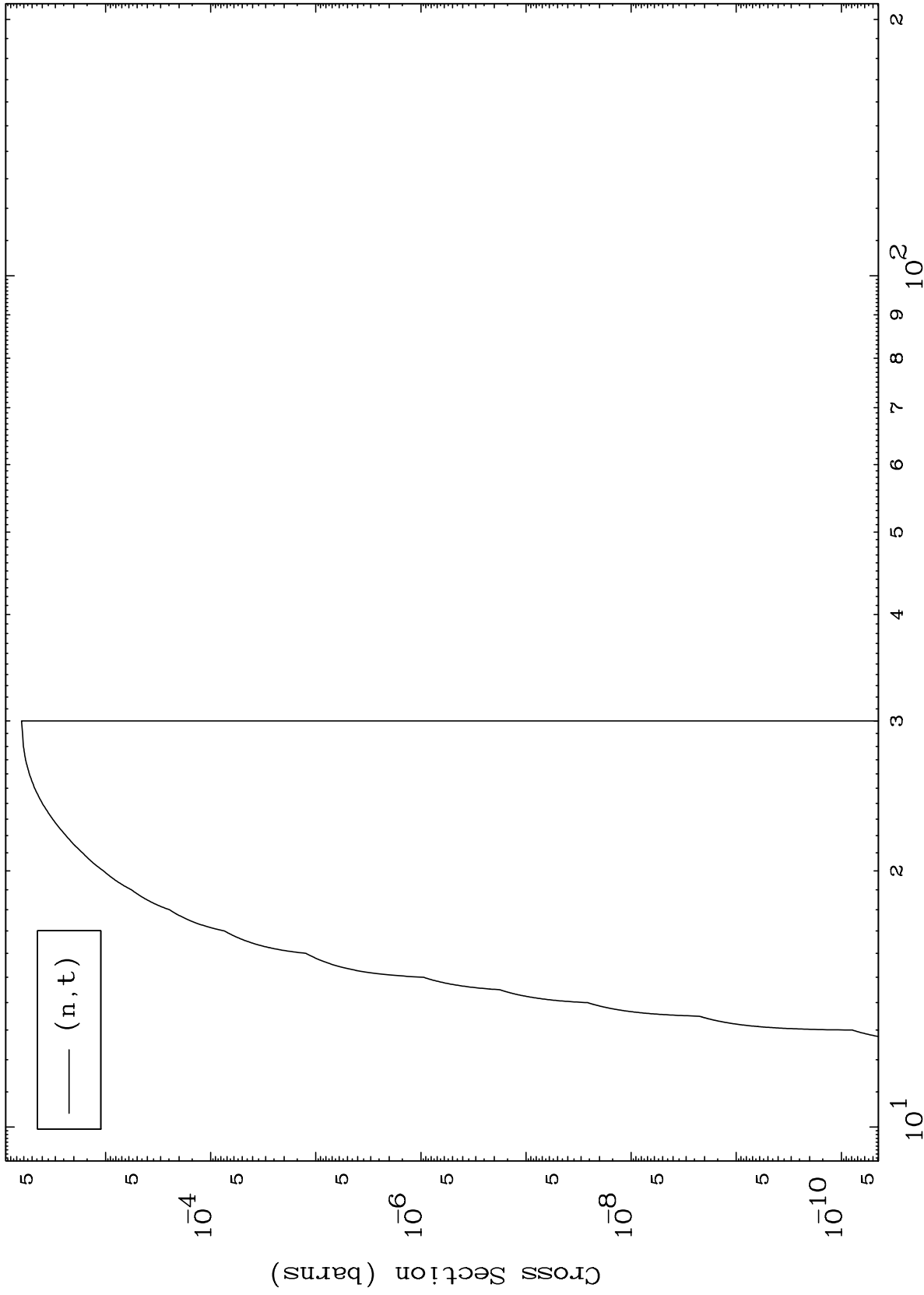
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-114



12

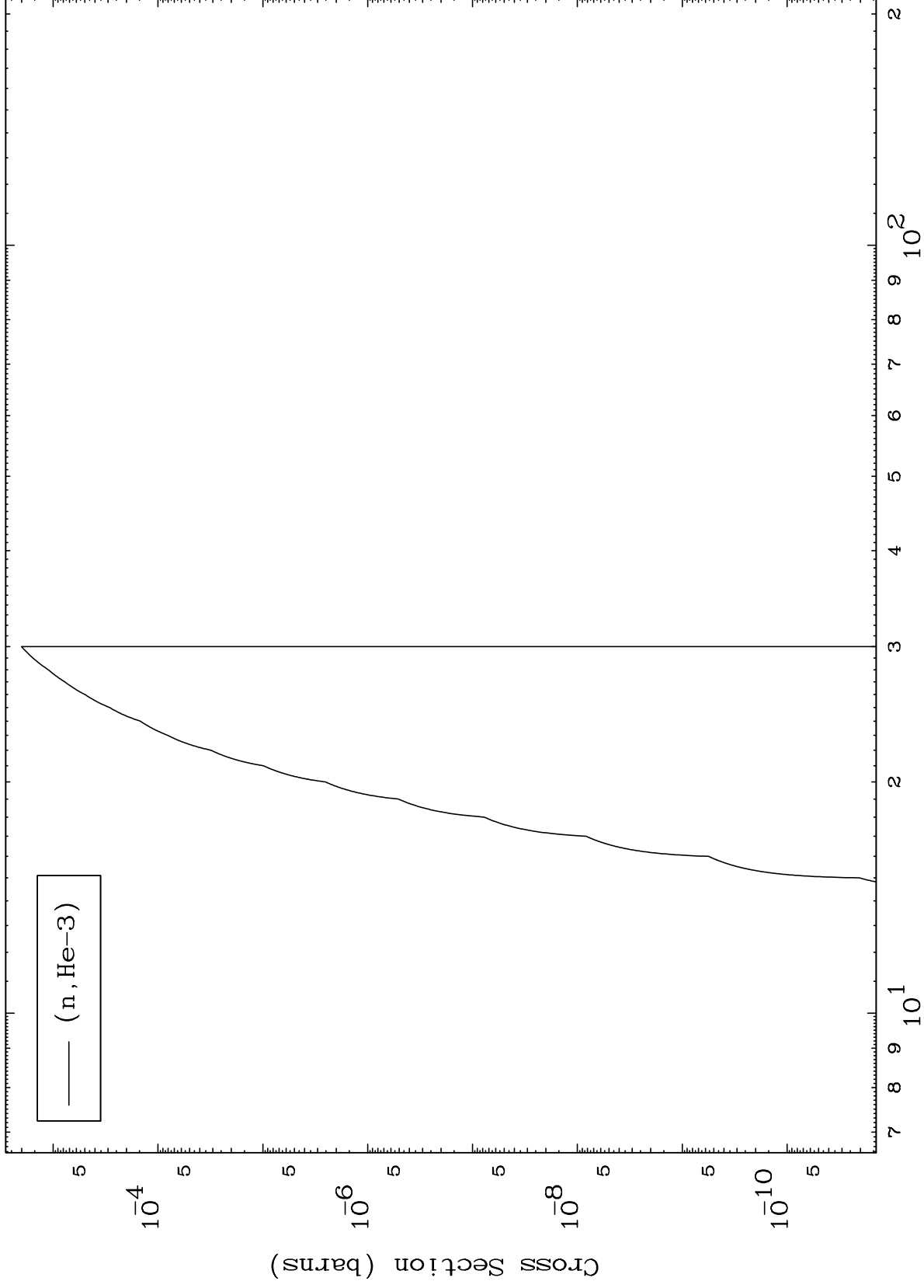
Incident Energy (MeV)

50-Sn-114

MAT 5031

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-114



13

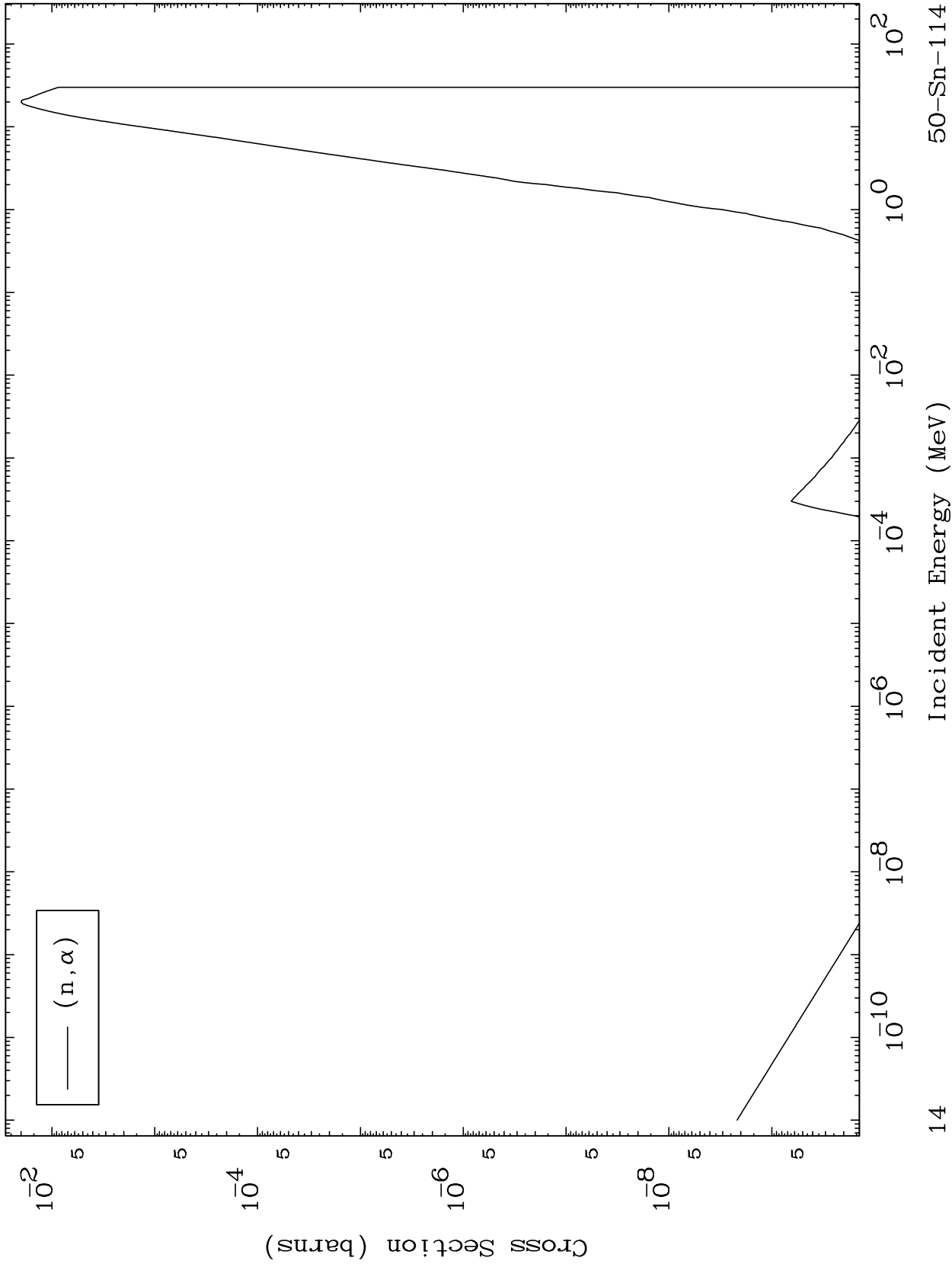
Incident Energy (MeV)

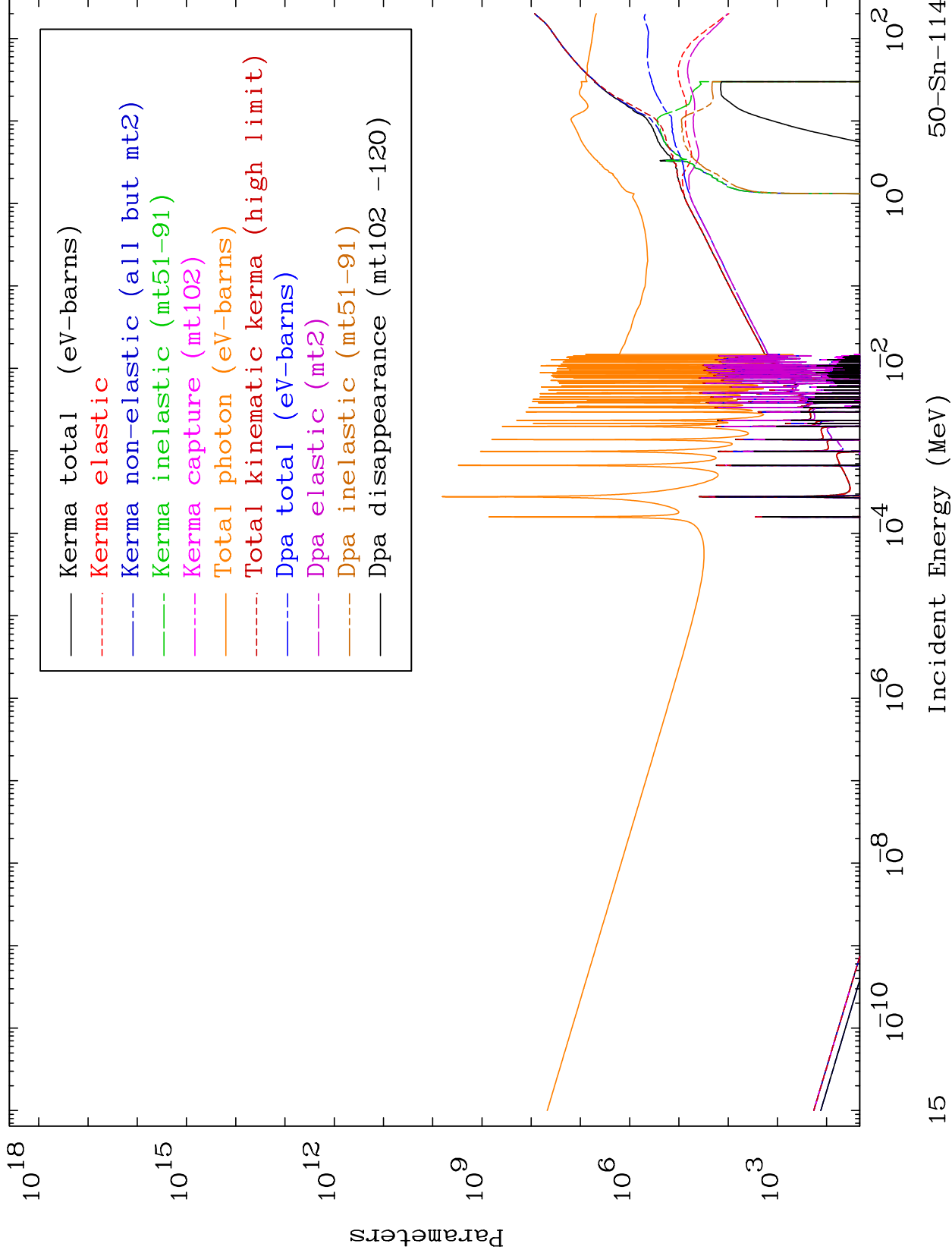
50-Sn-114

MAT 5031

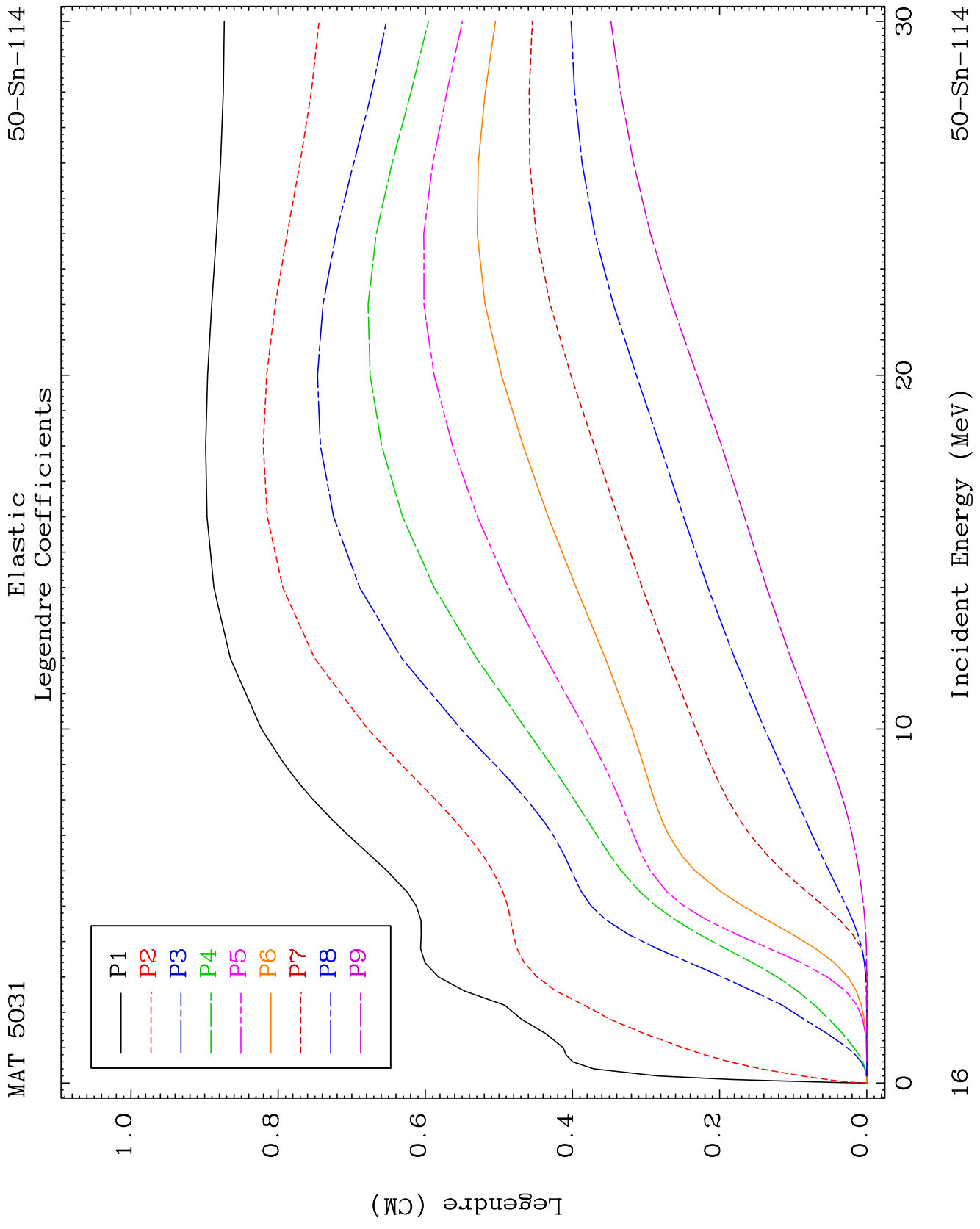
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

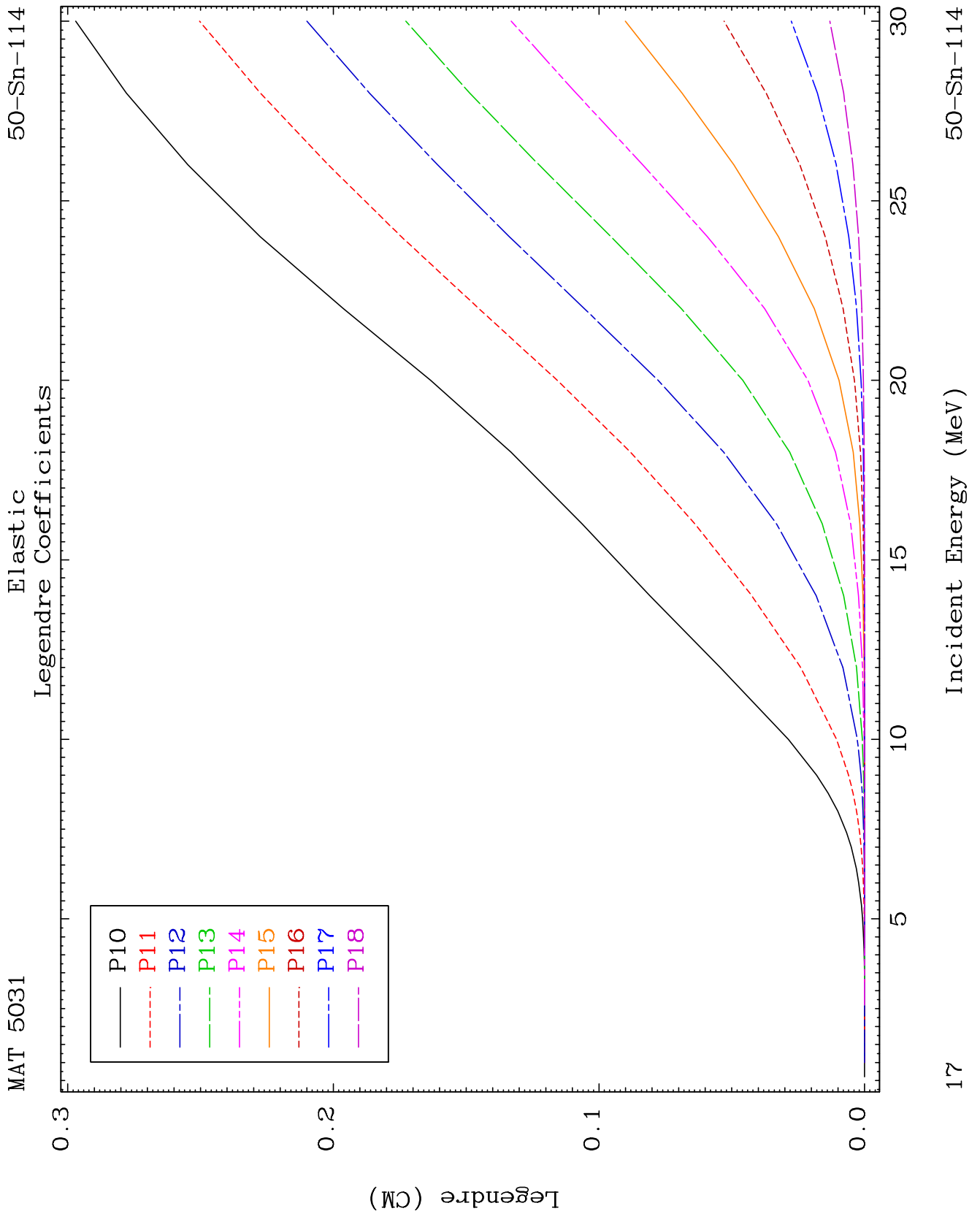
50-Sn-114







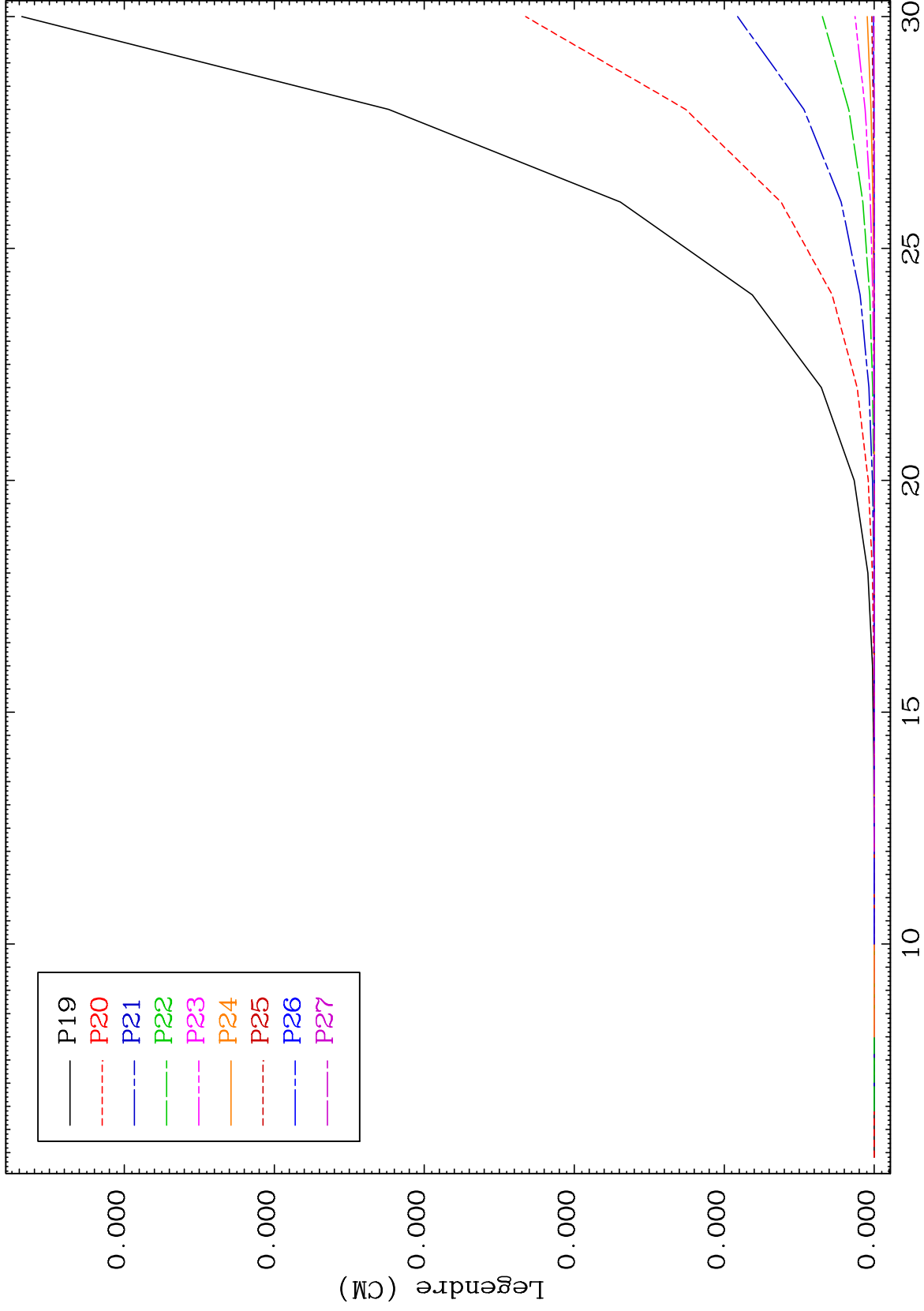




MAT 5031

Elastic  
Legendre Coefficients

50-Sn-114



18

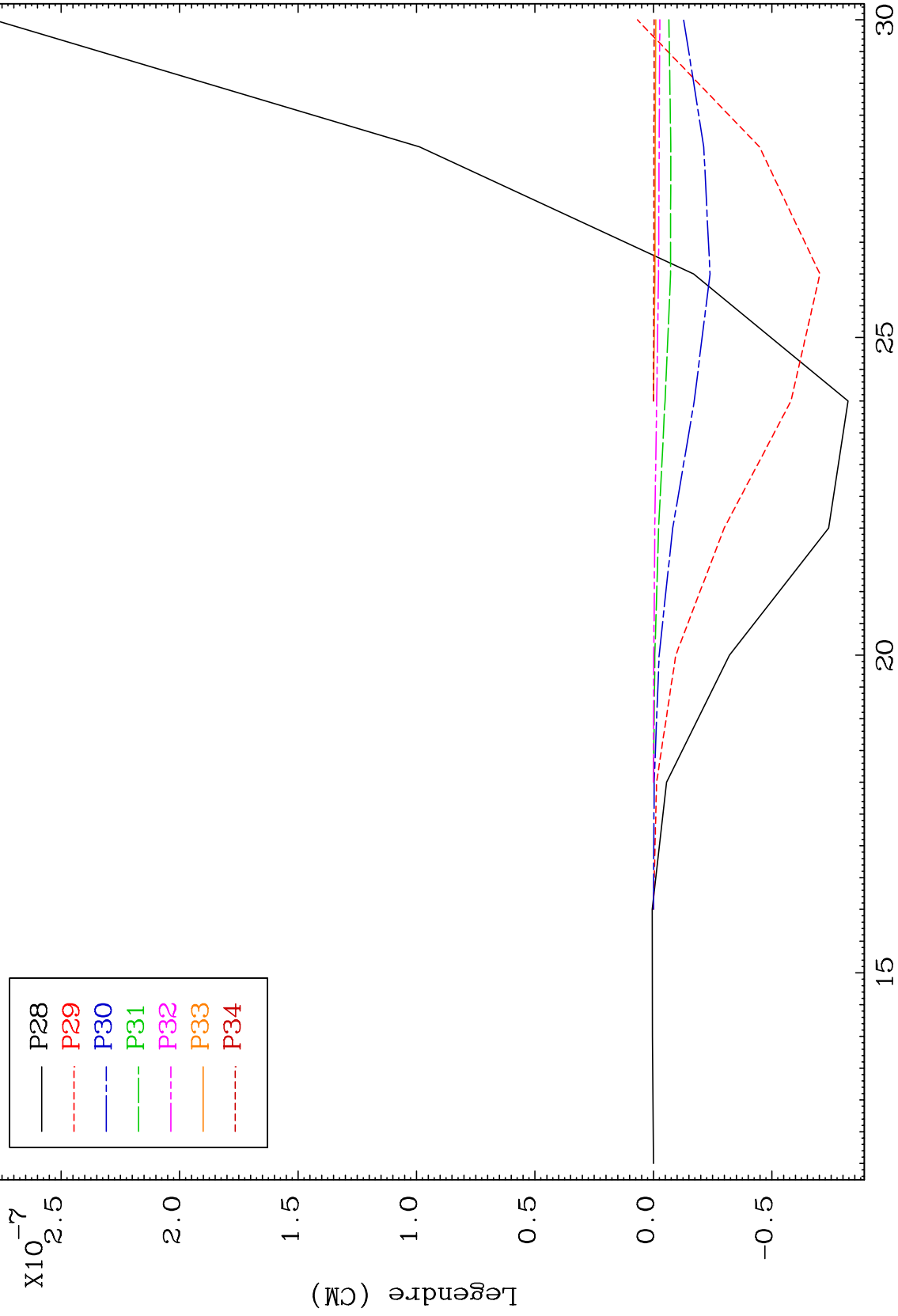
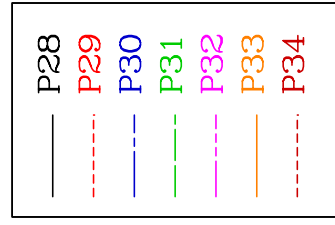
Incident Energy (MeV)

50-Sn-114

MAT 5031

Elastic  
Legendre Coefficients

50-Sn-114



19

Incident Energy (MeV)

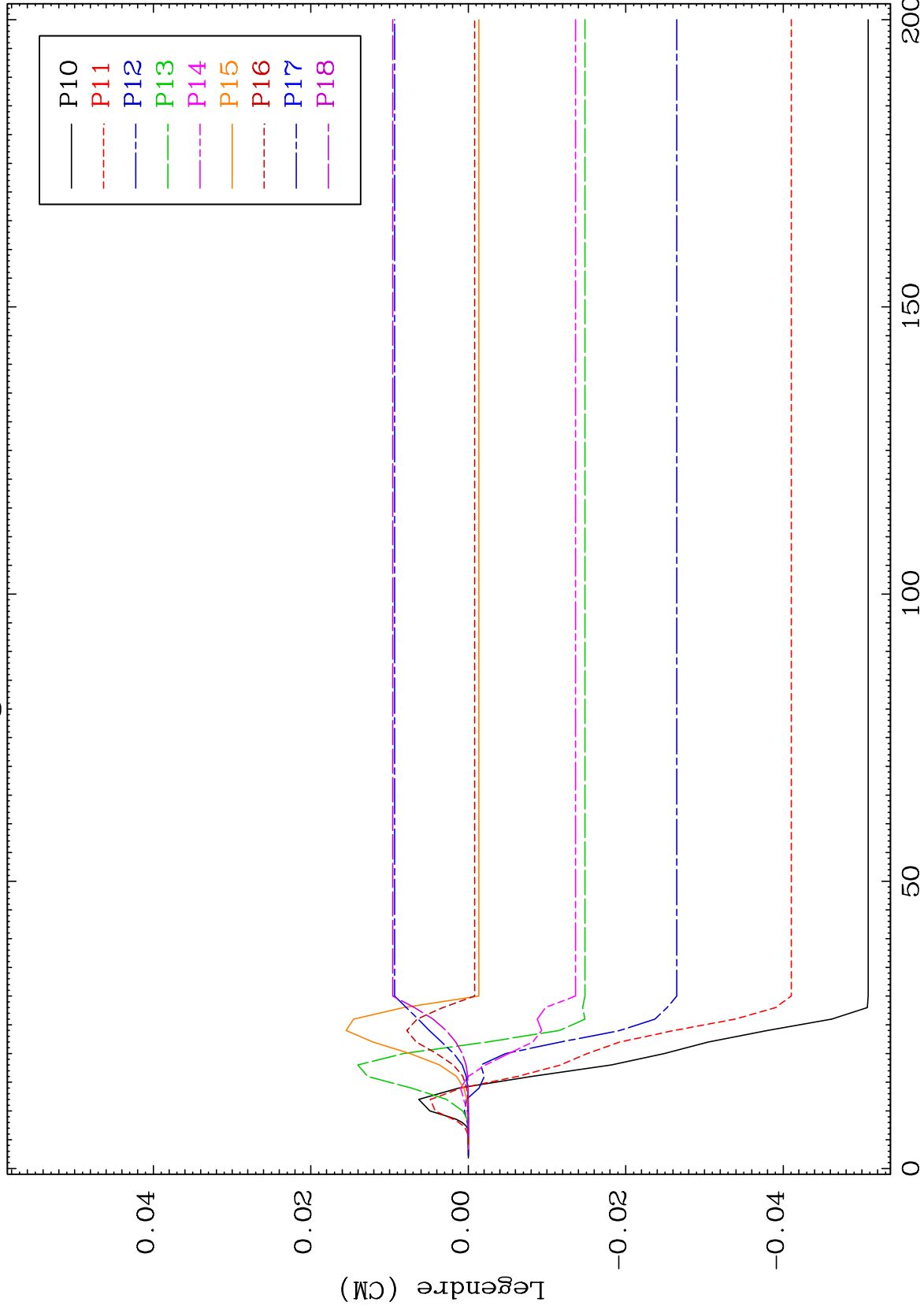
50-Sn-114



MAT 5031

1.300 MeV (n,n') Level  
Legendre Coefficients

50-Sn-114

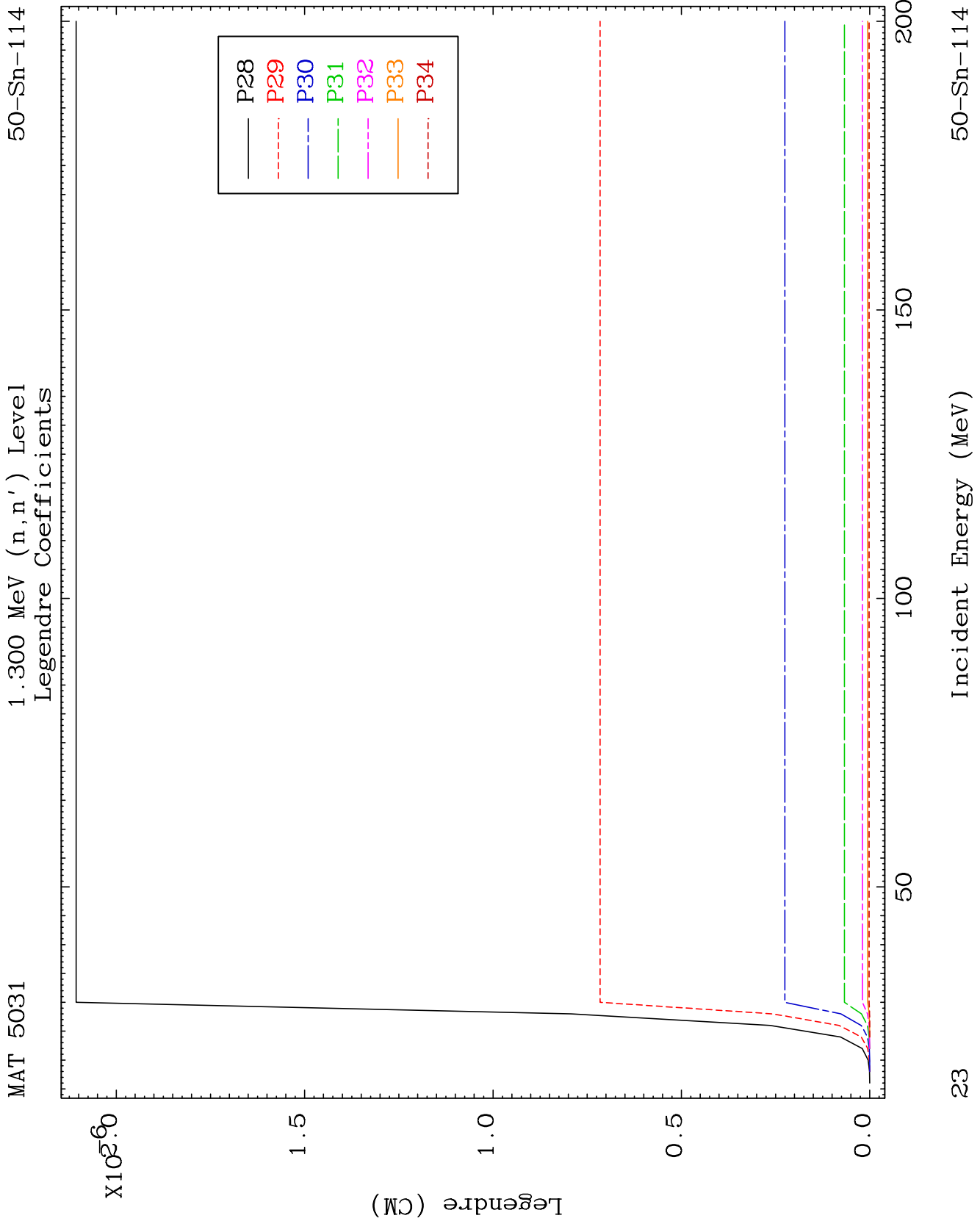


21

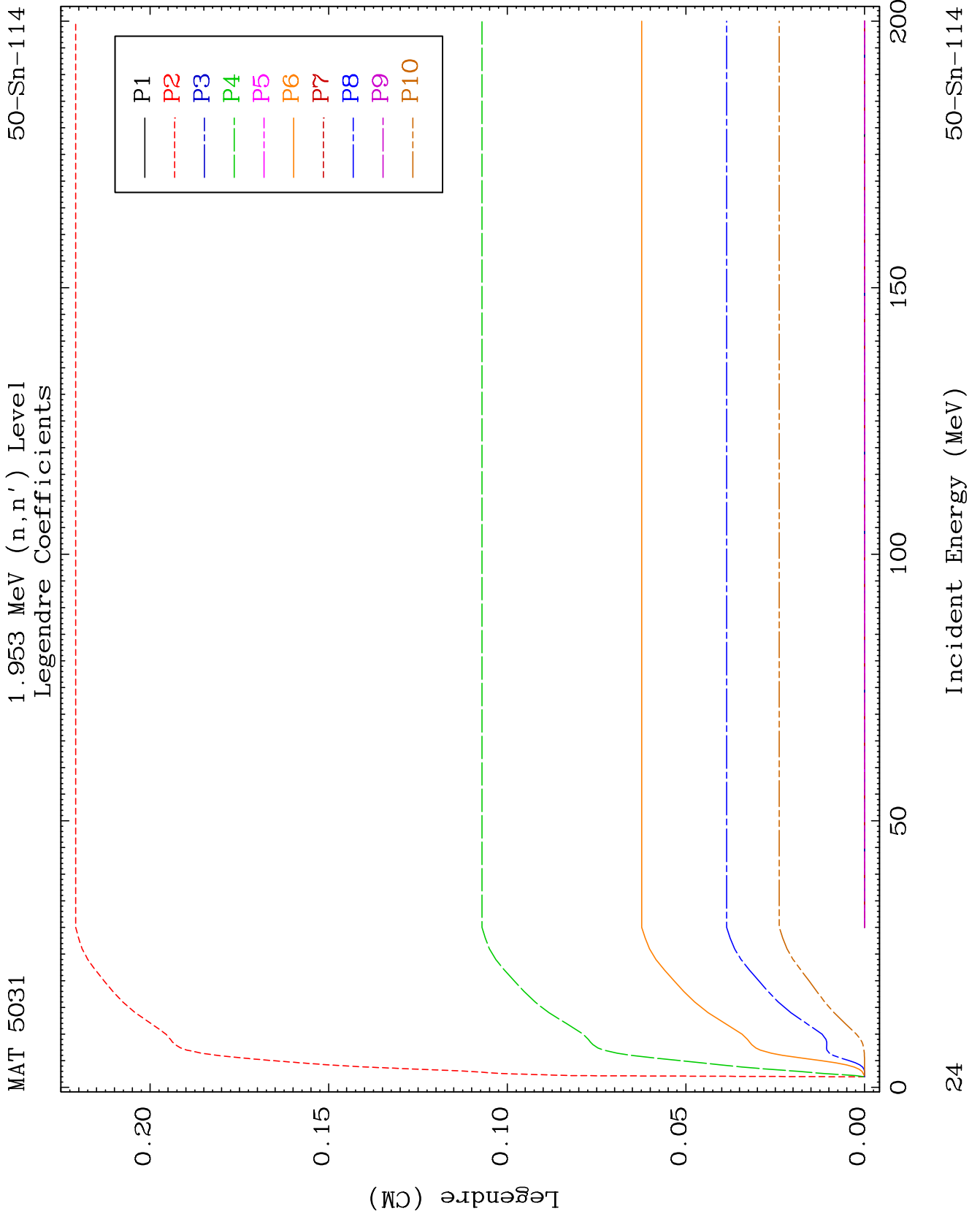
Incident Energy (MeV)

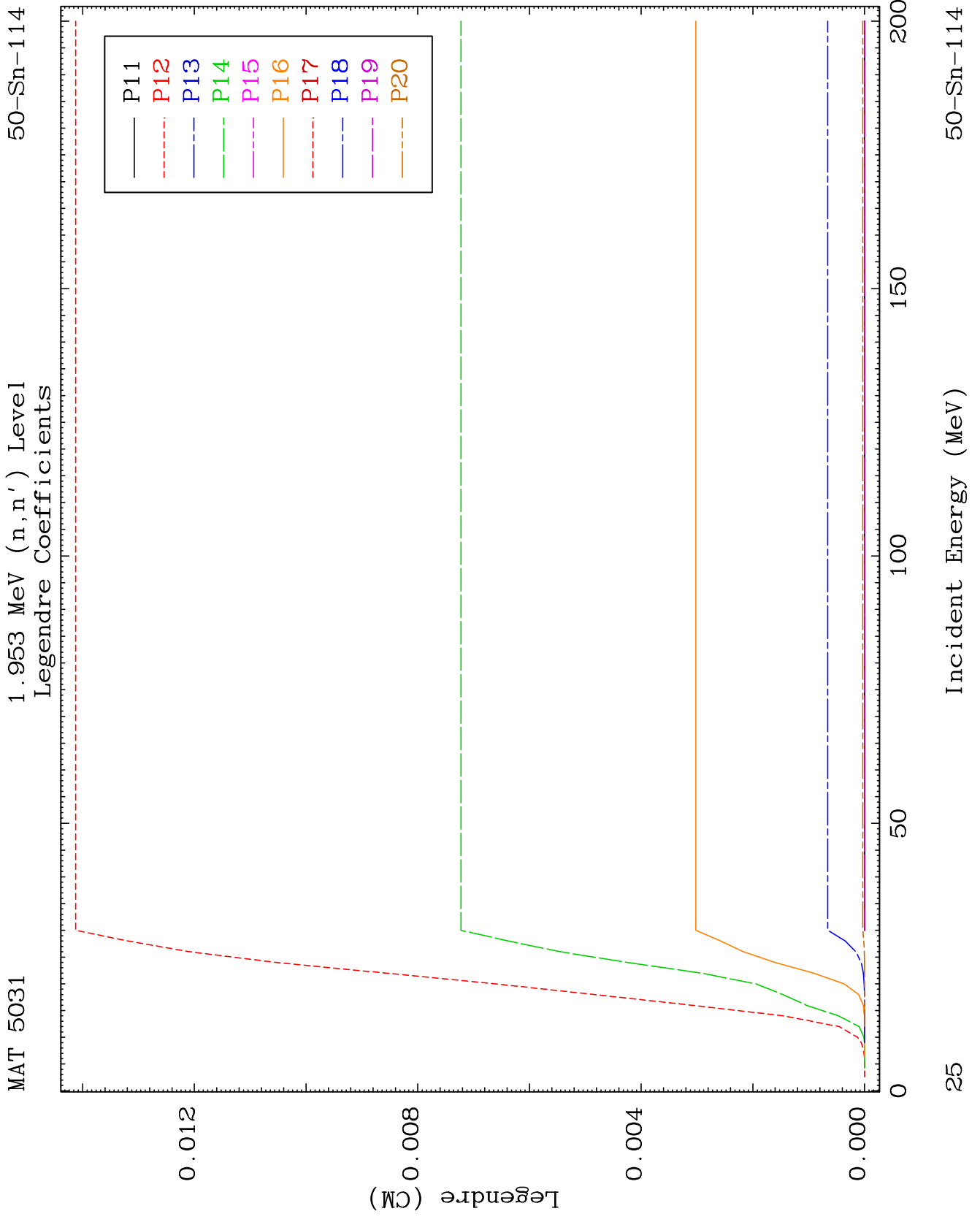
50-Sn-114

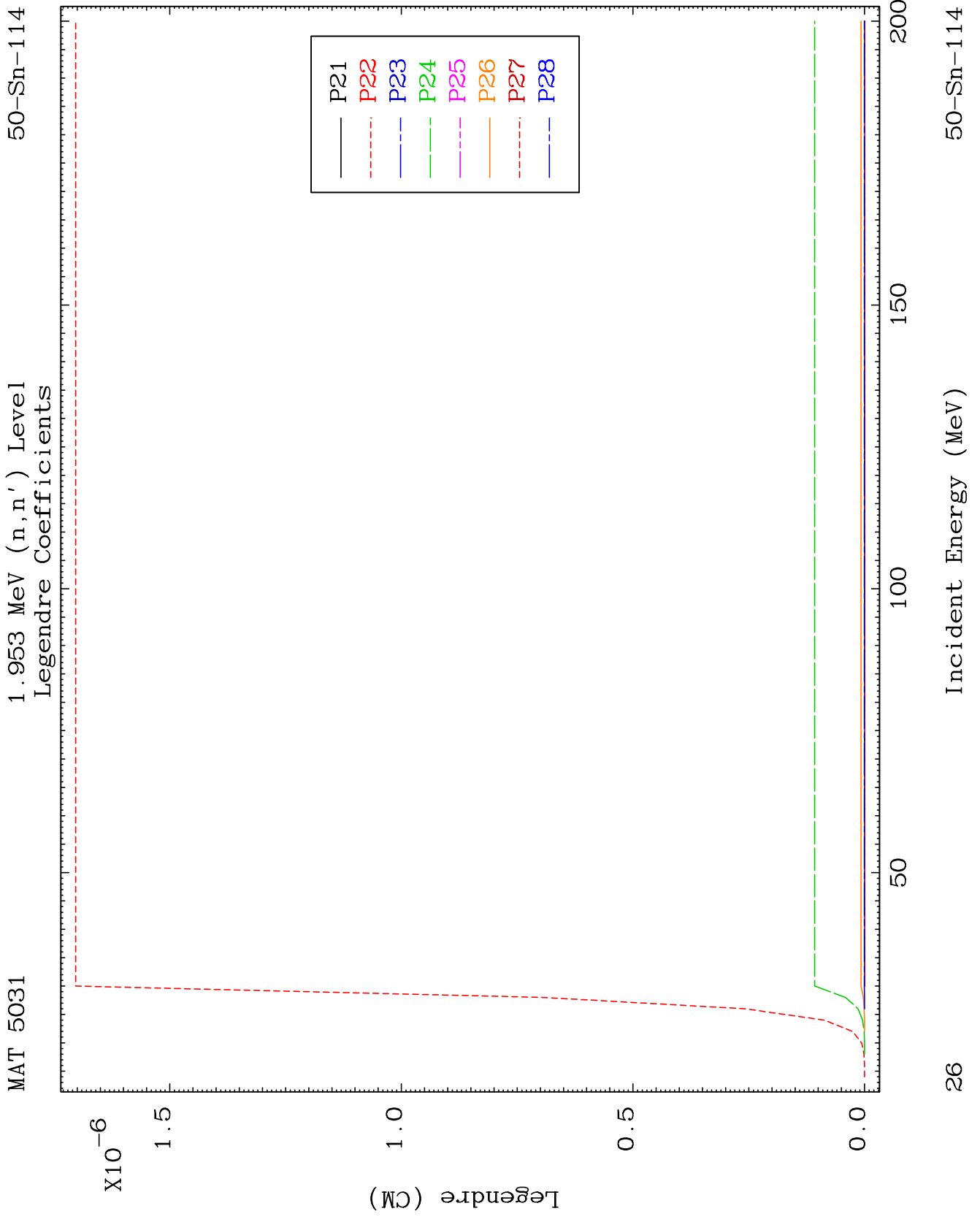


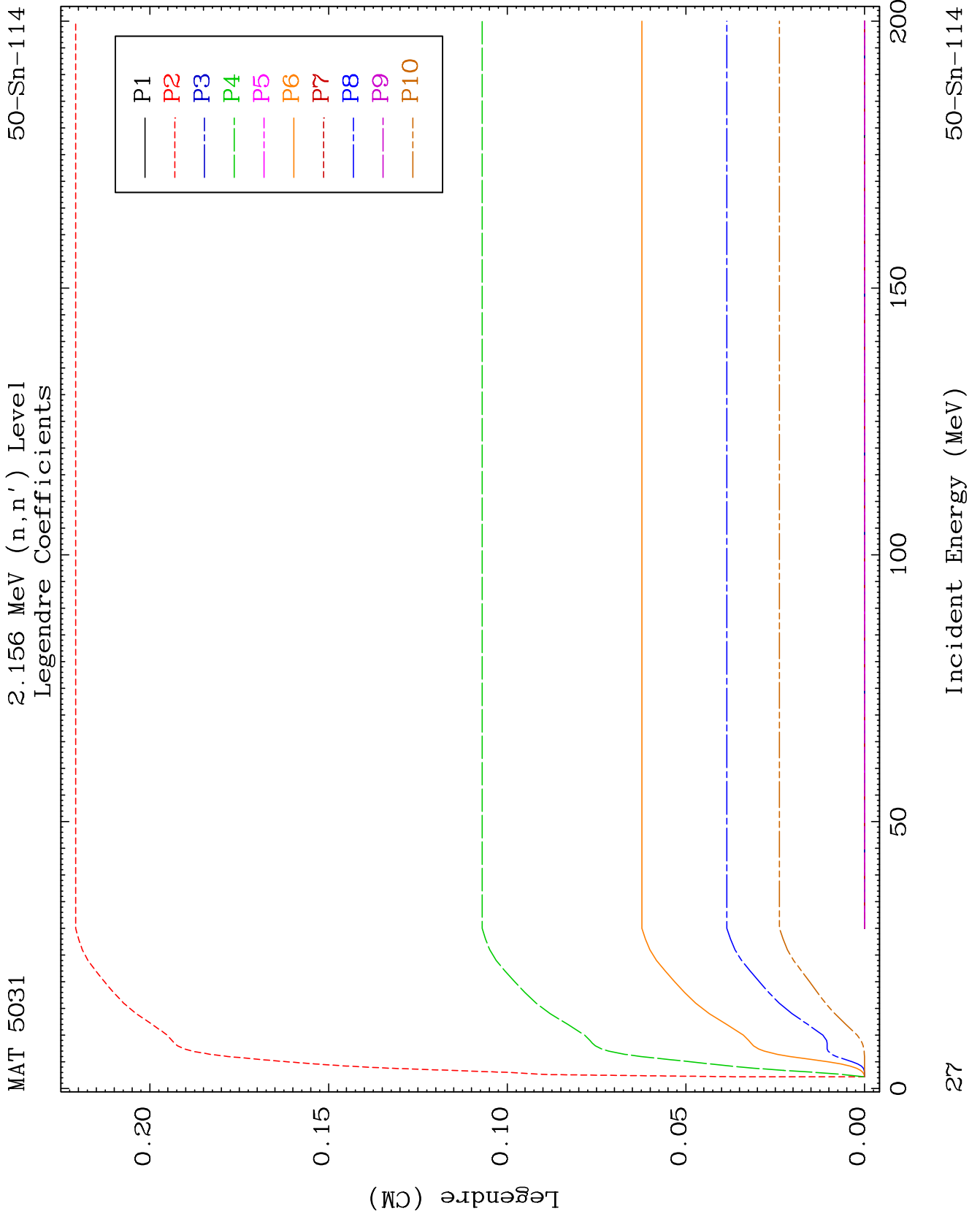


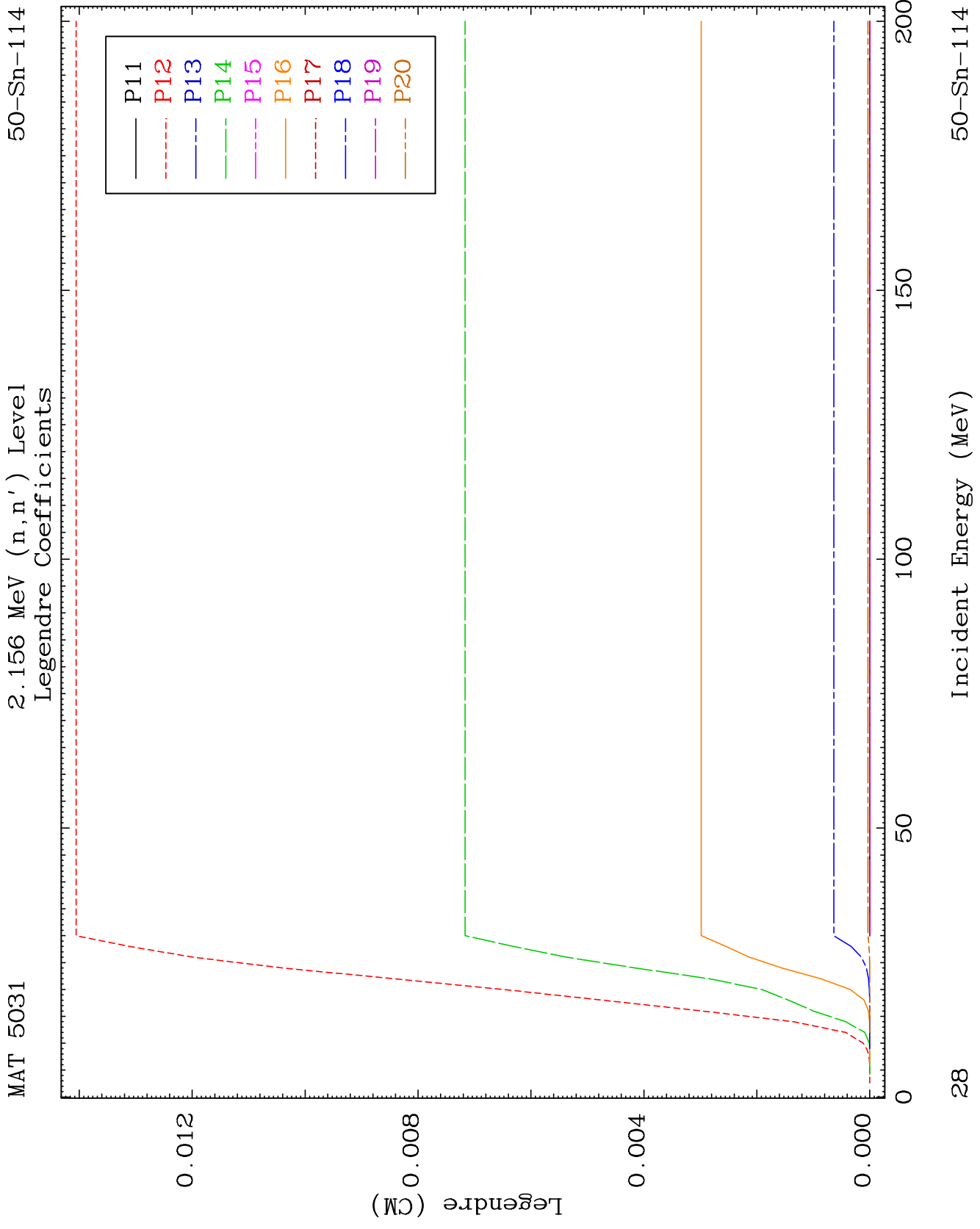


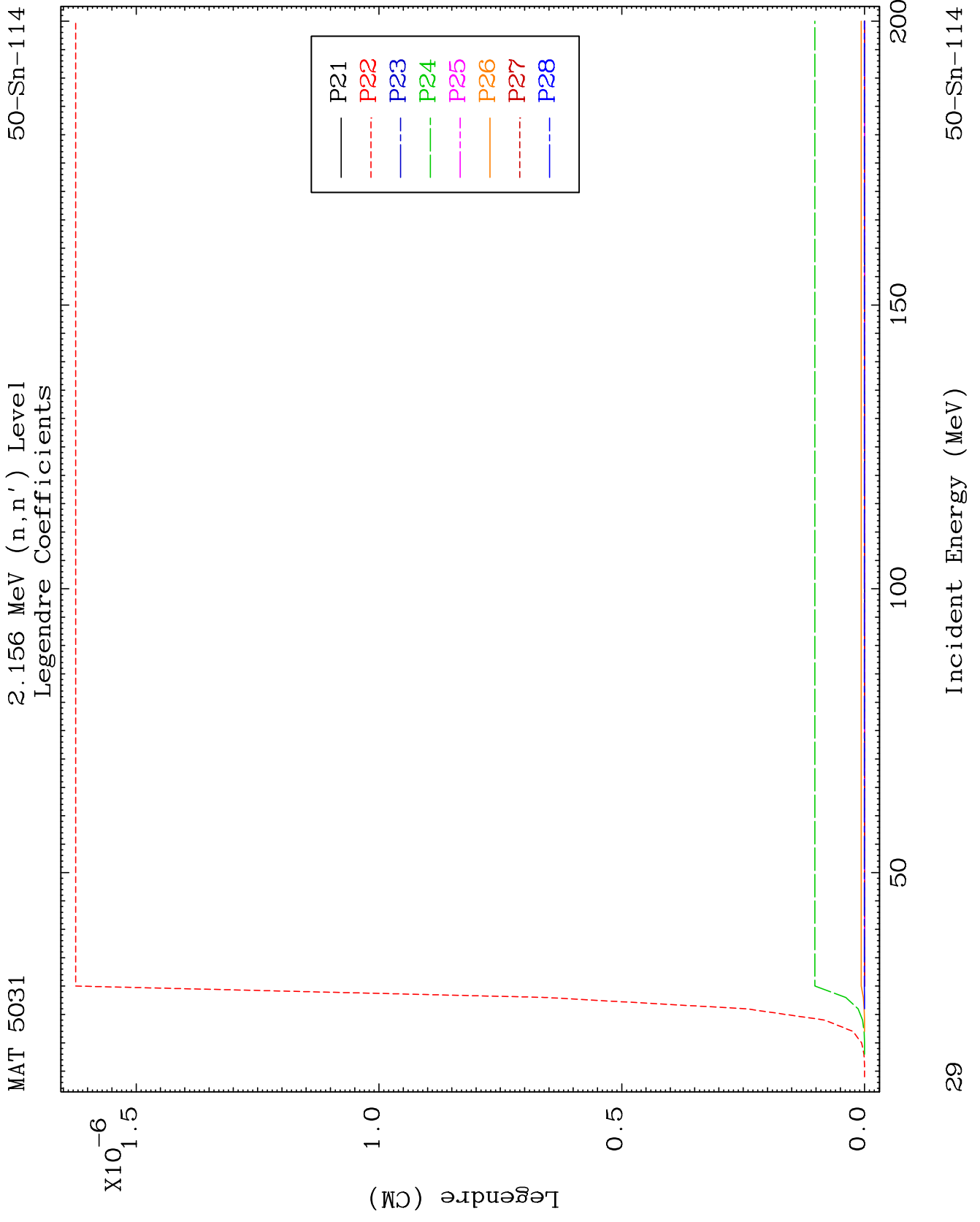




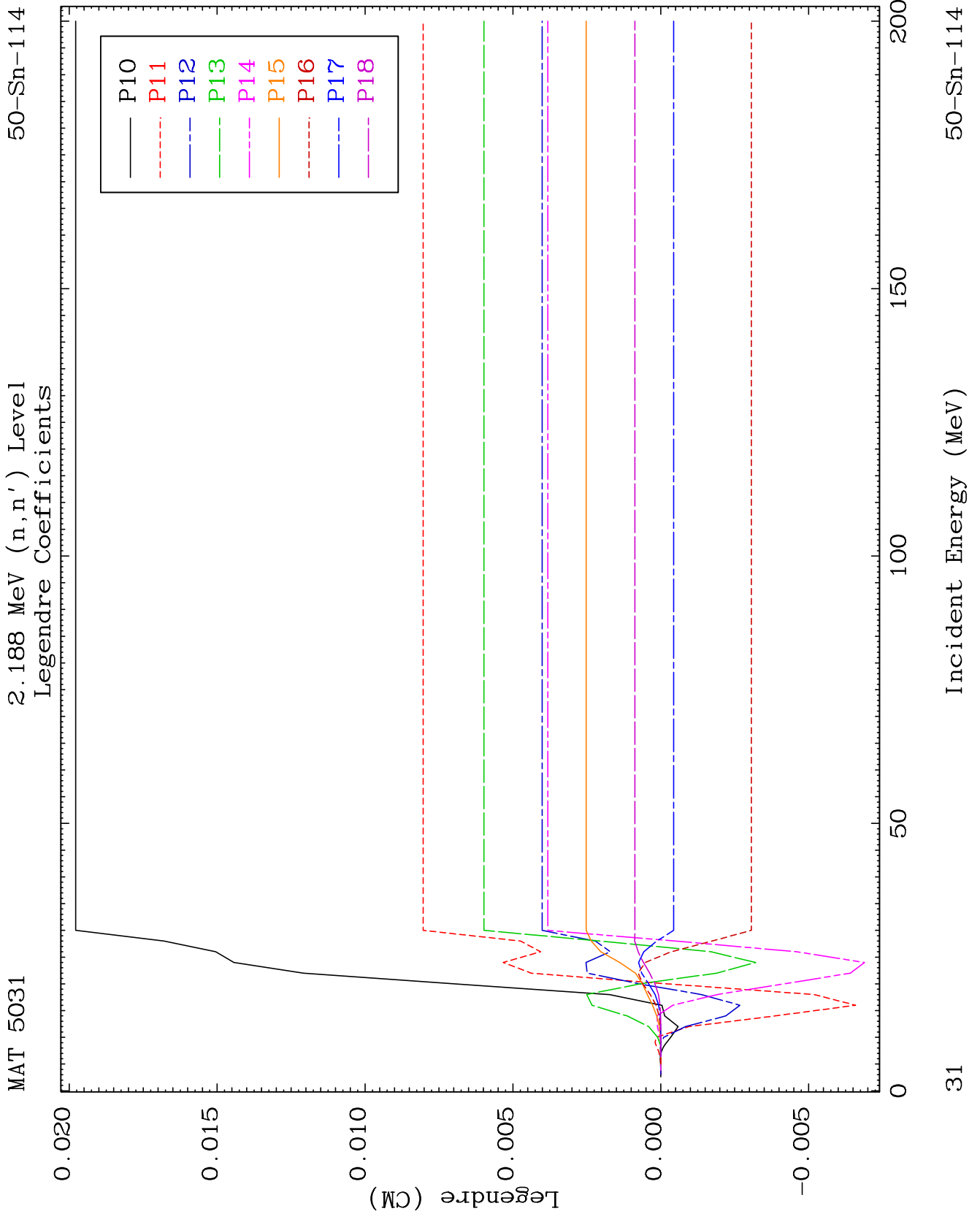










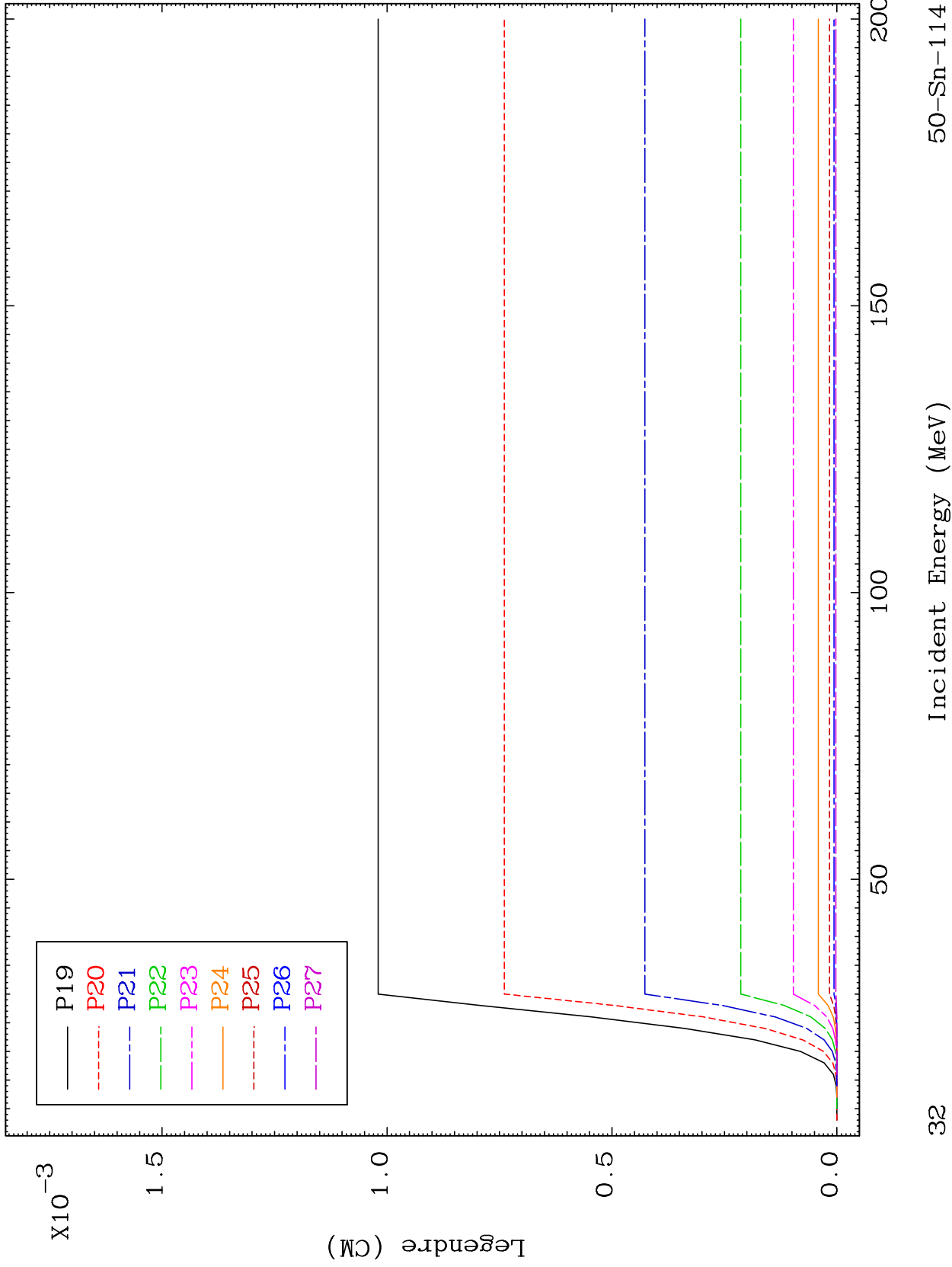




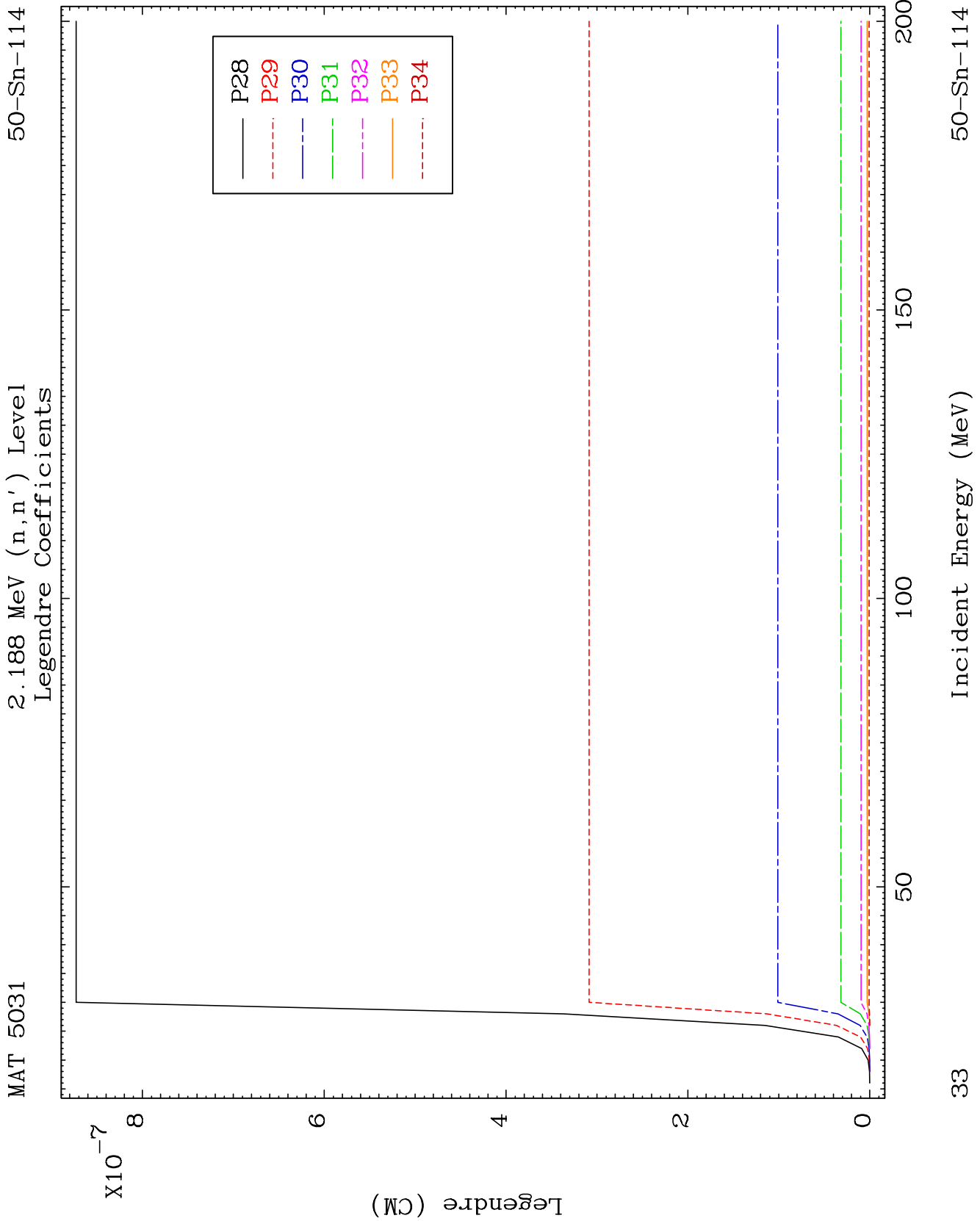
MAT 5031

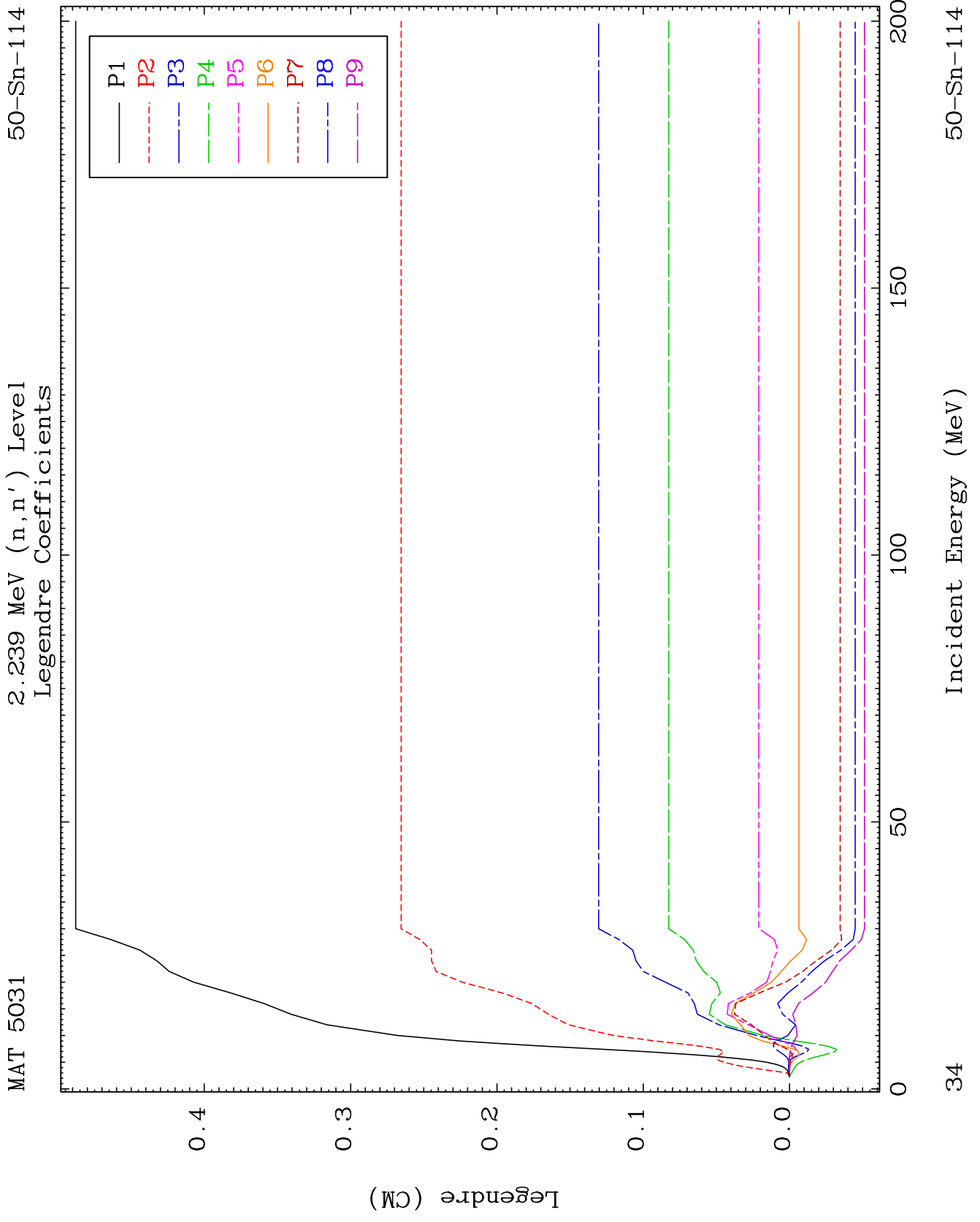
2.188 MeV (n,n') Level  
Legendre Coefficients

50-Sn-114



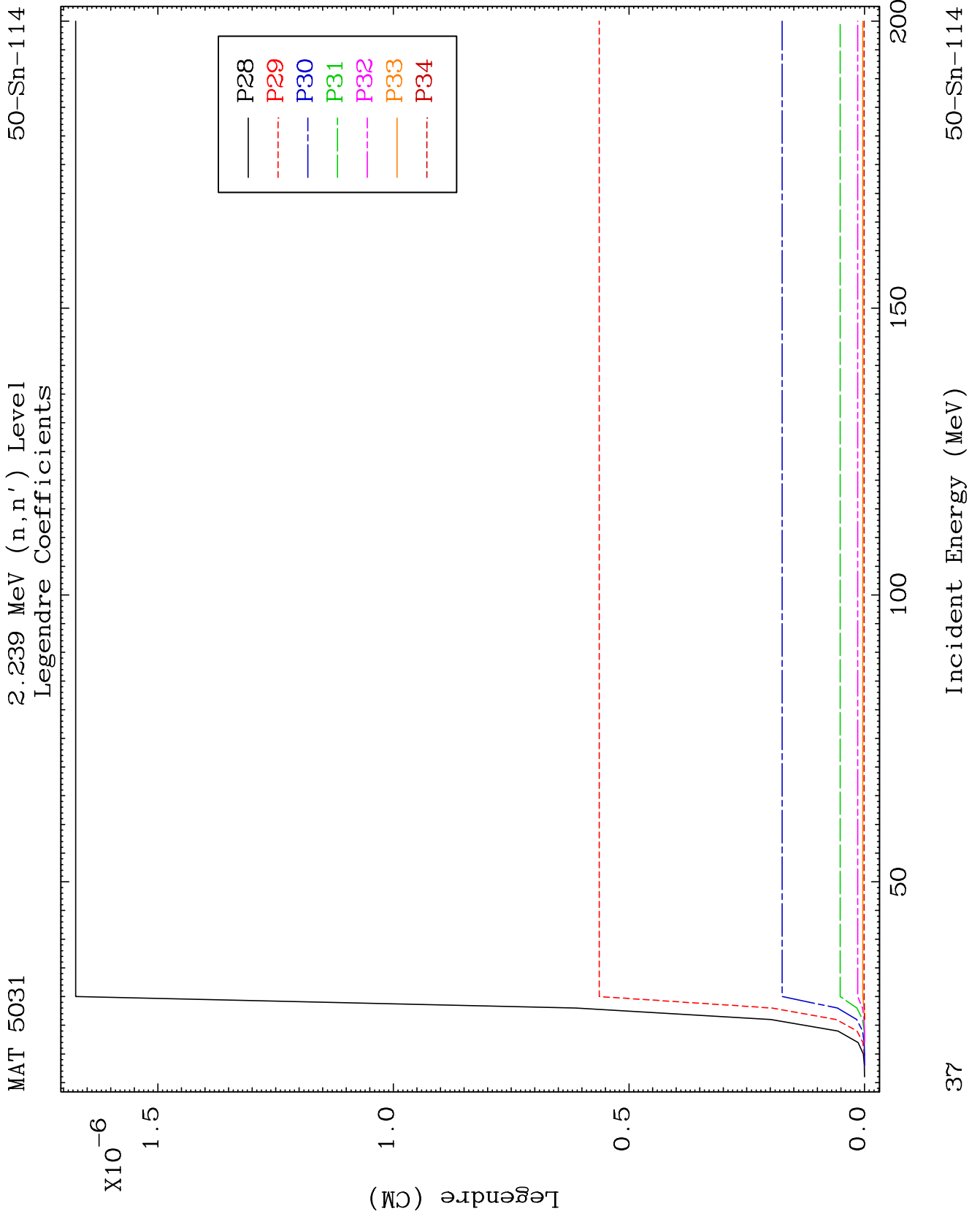
32

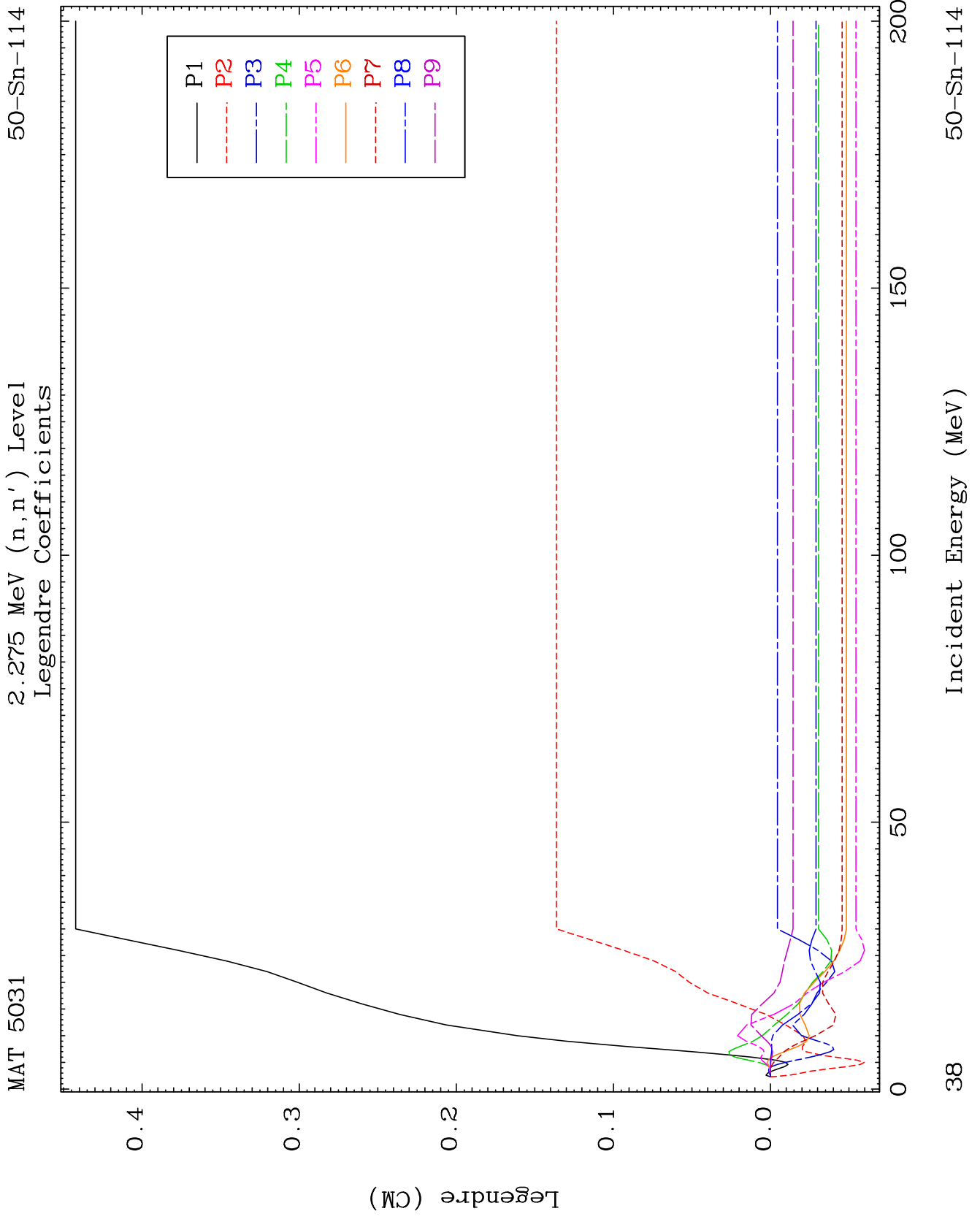


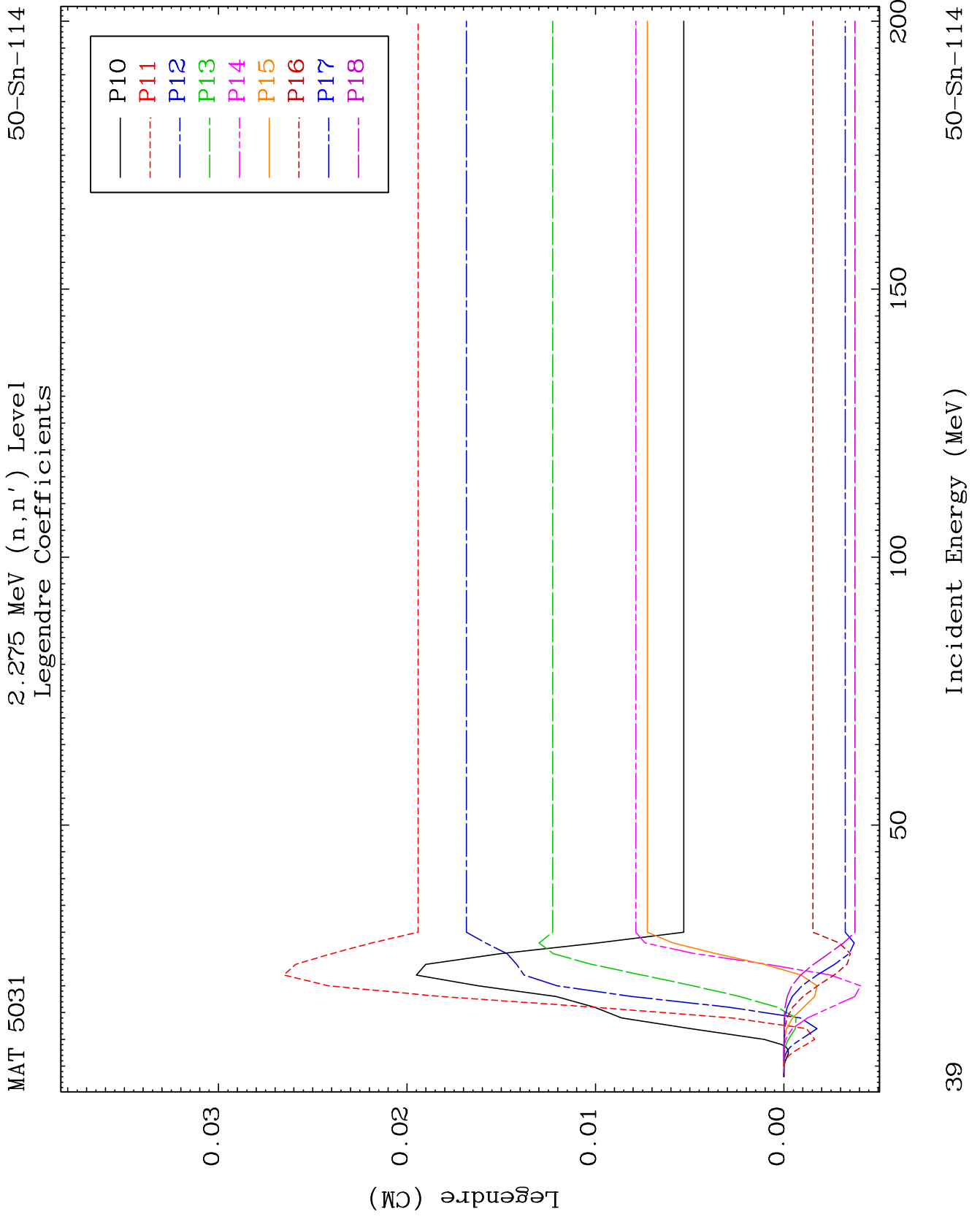






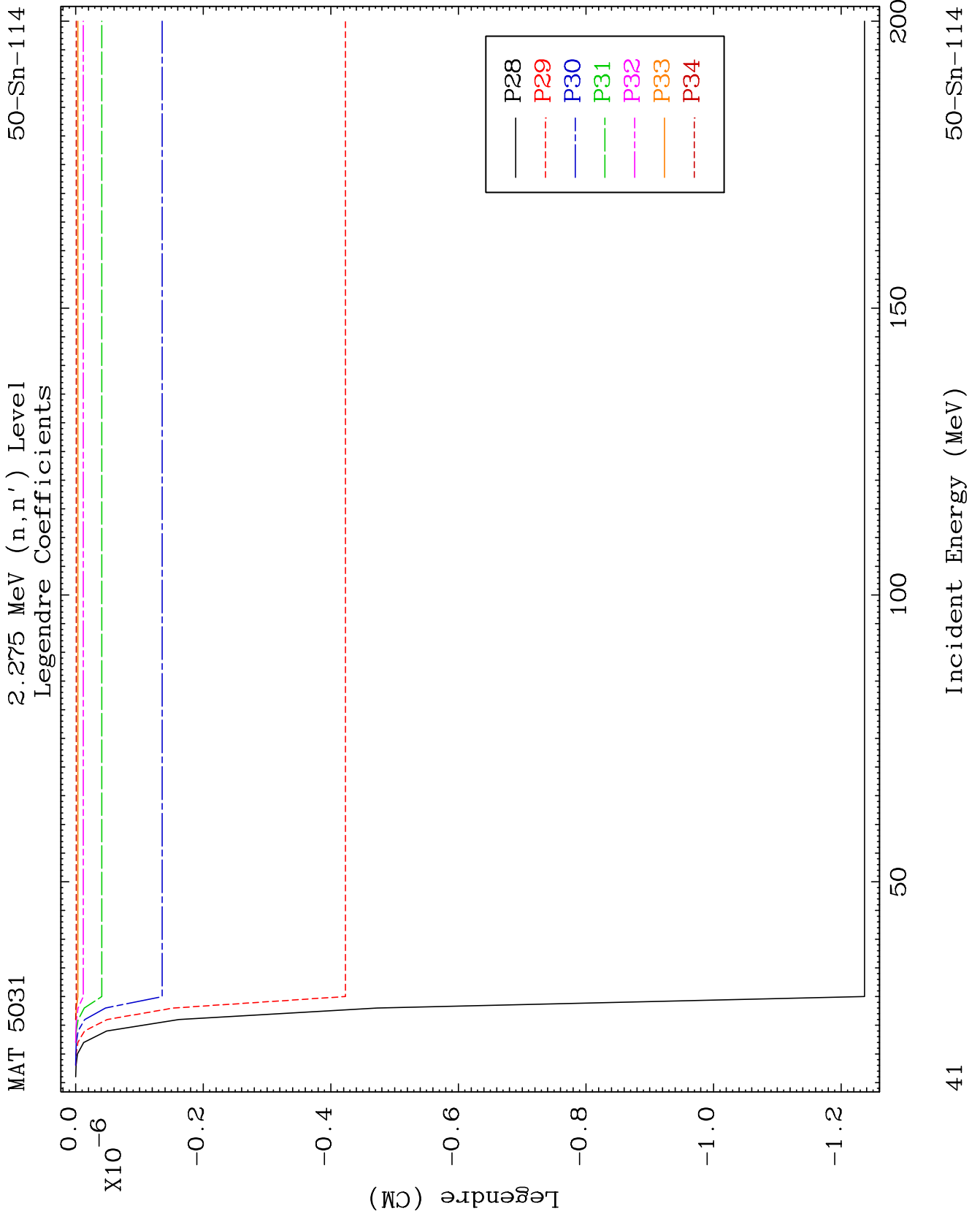


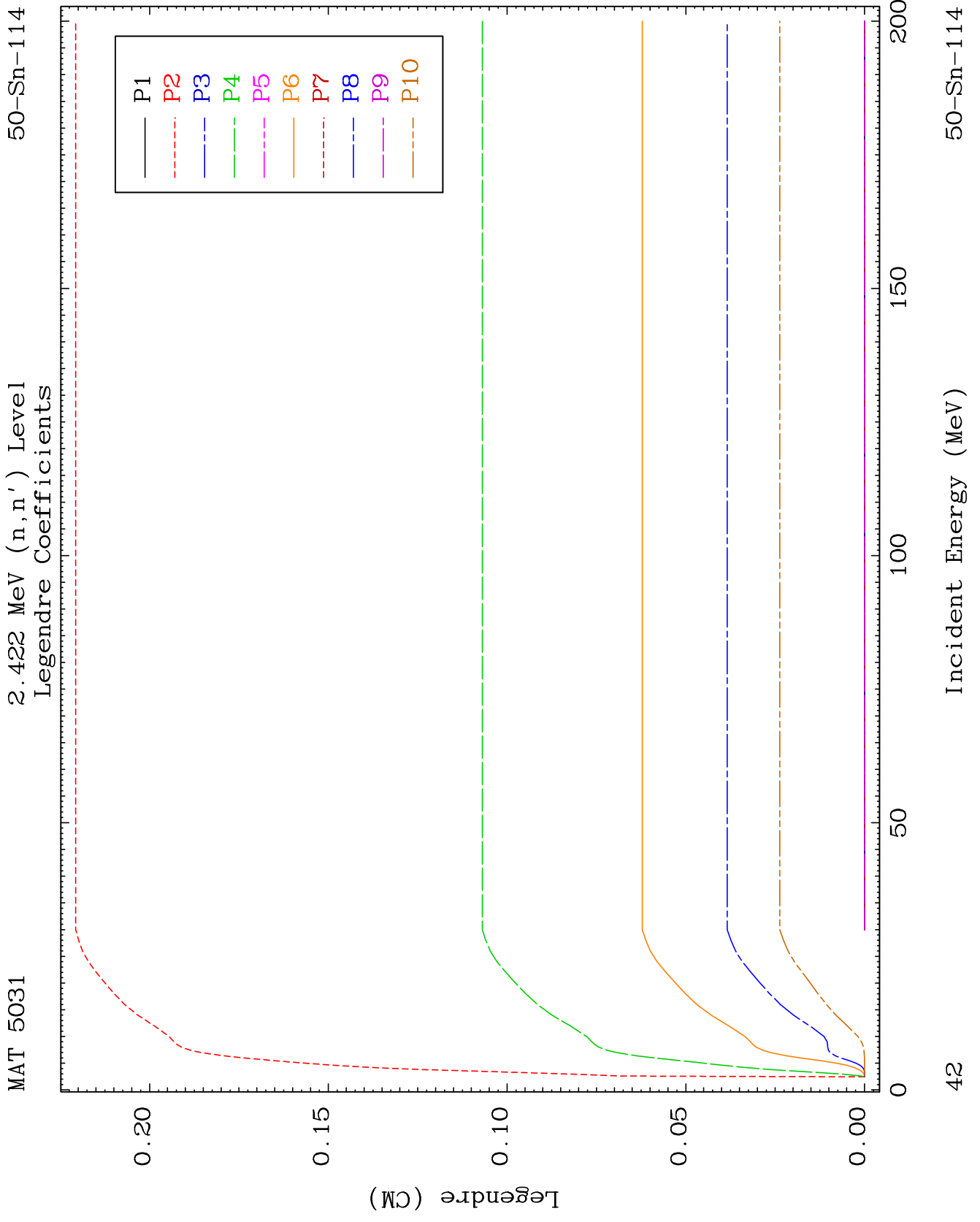


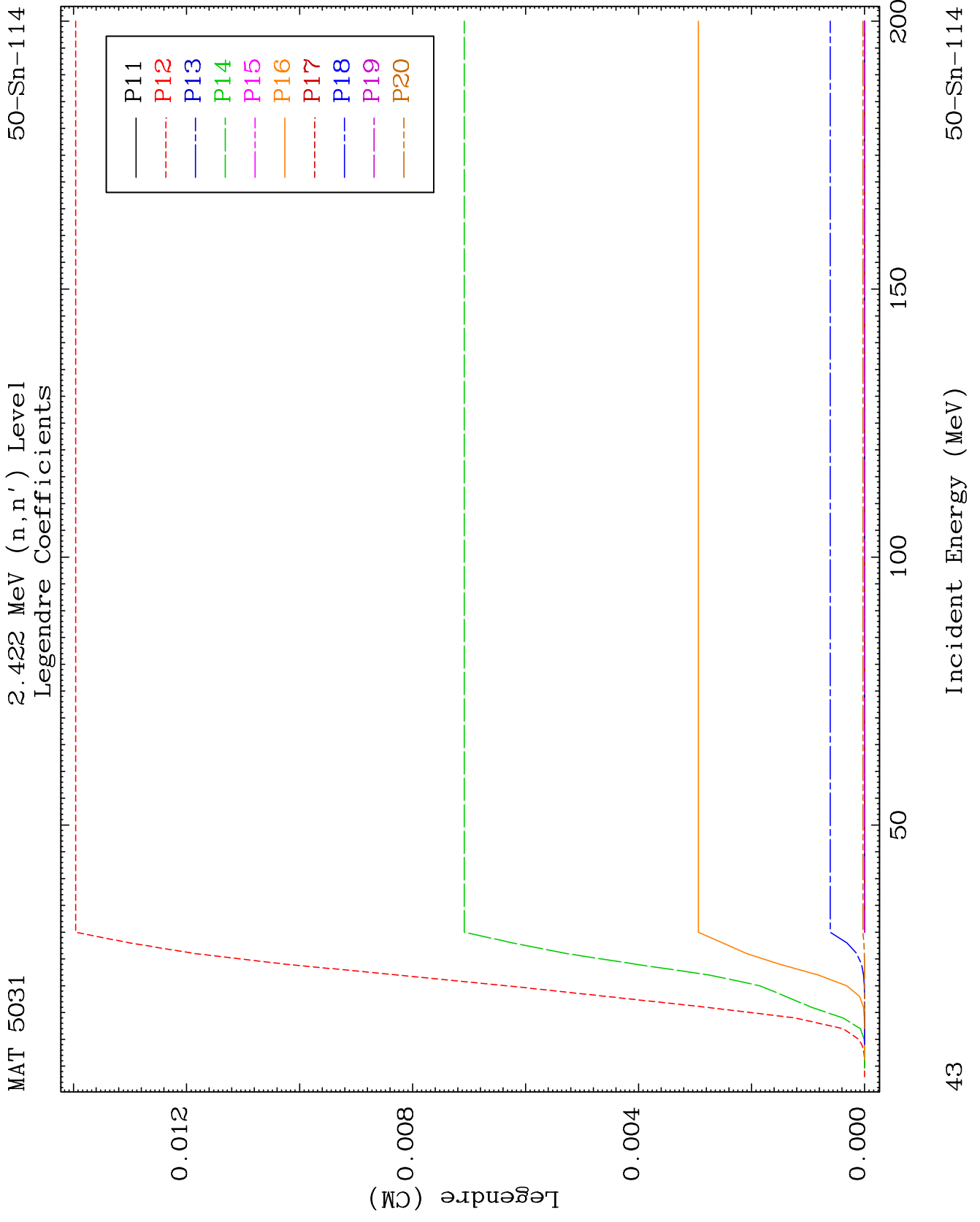


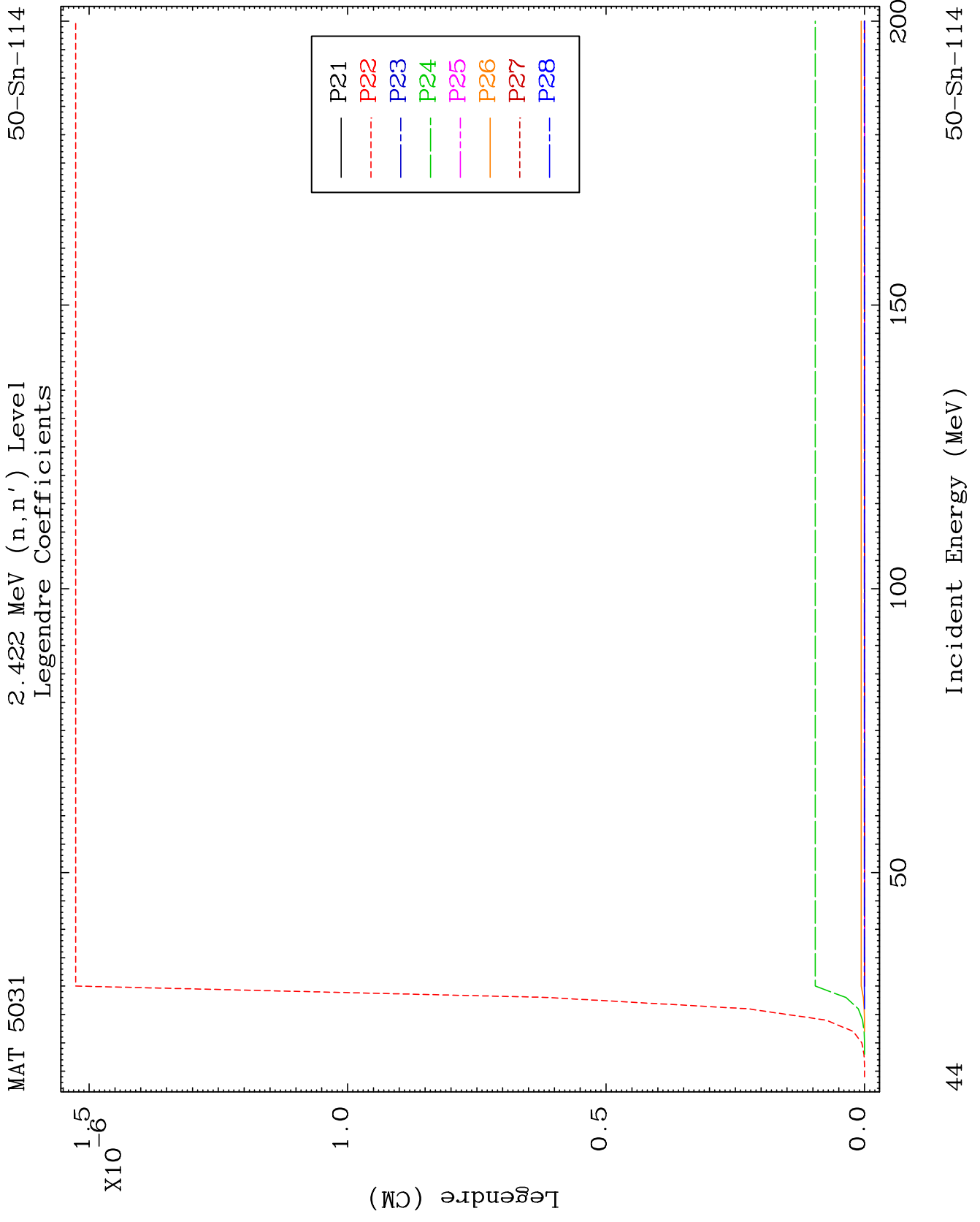










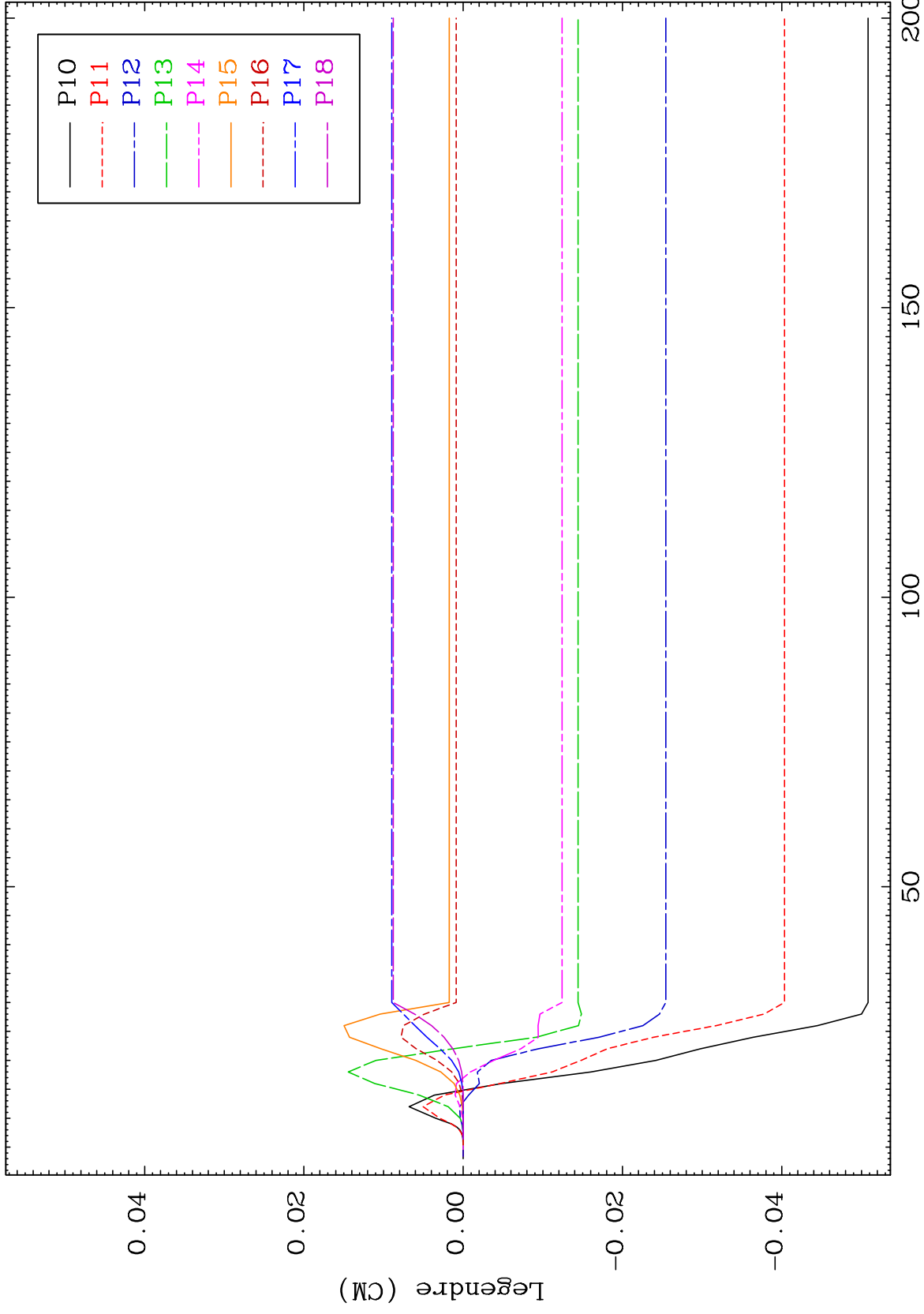




MAT 5031

2.454 MeV (n,n') Level  
Legendre Coefficients

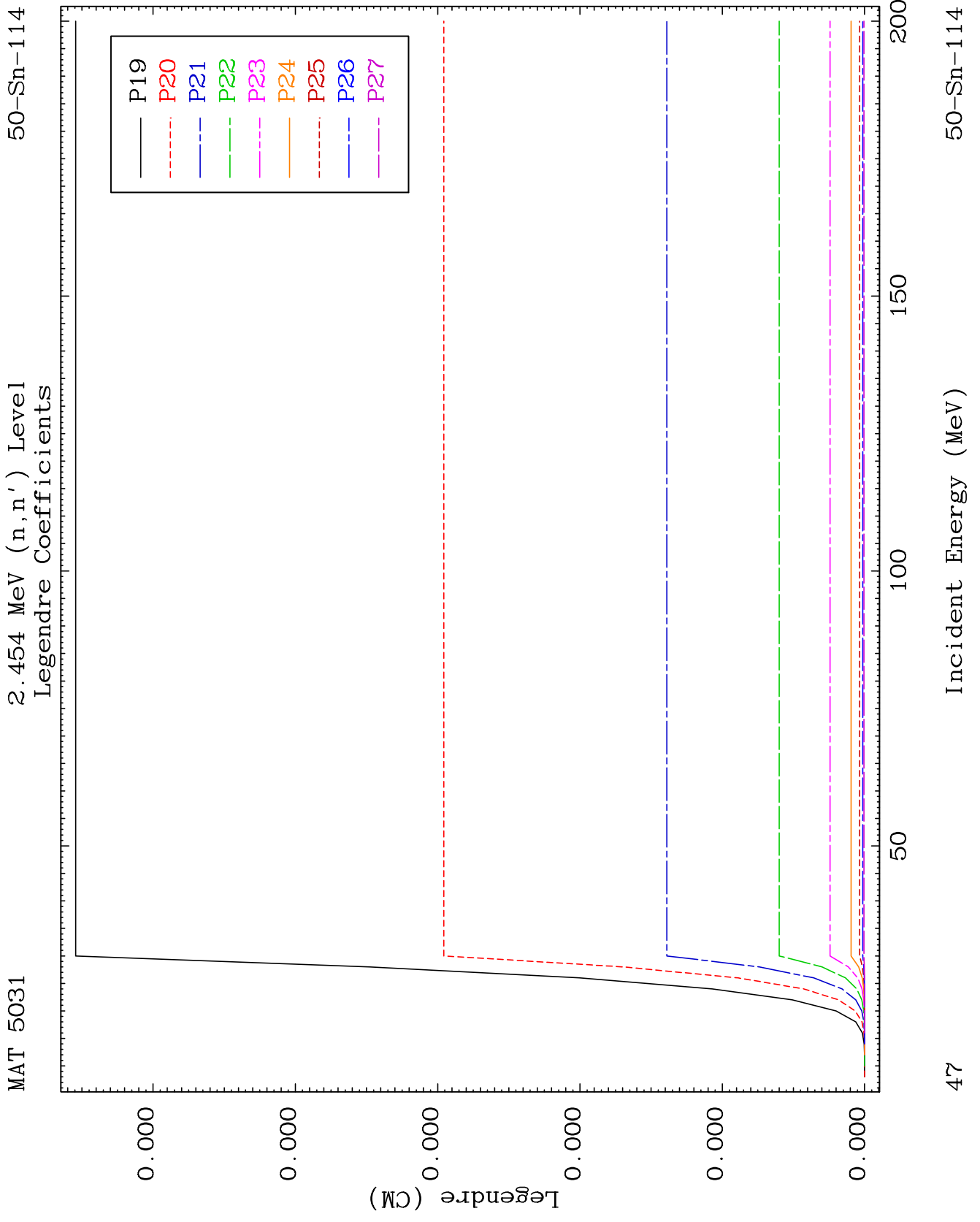
50-Sn-114



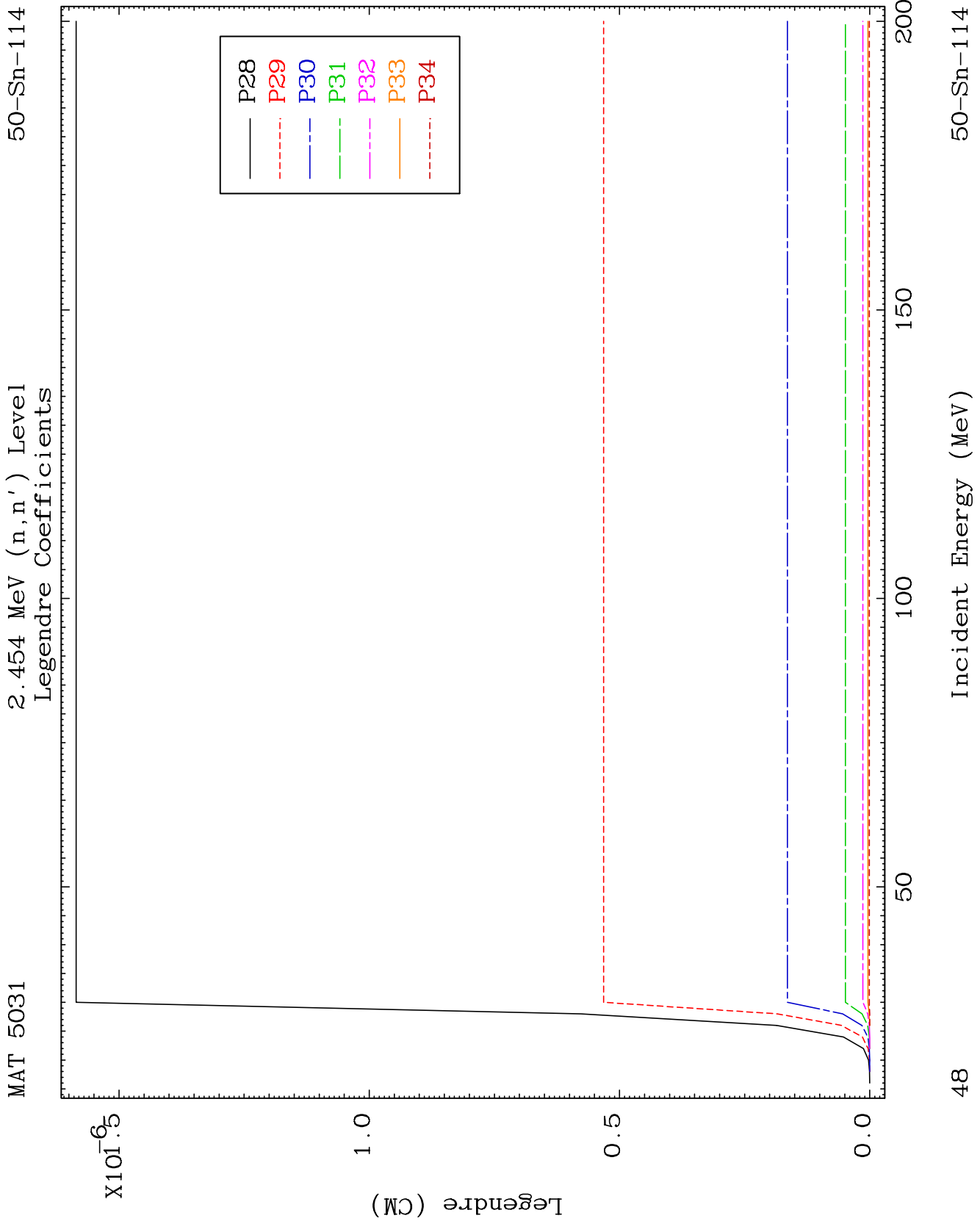
46

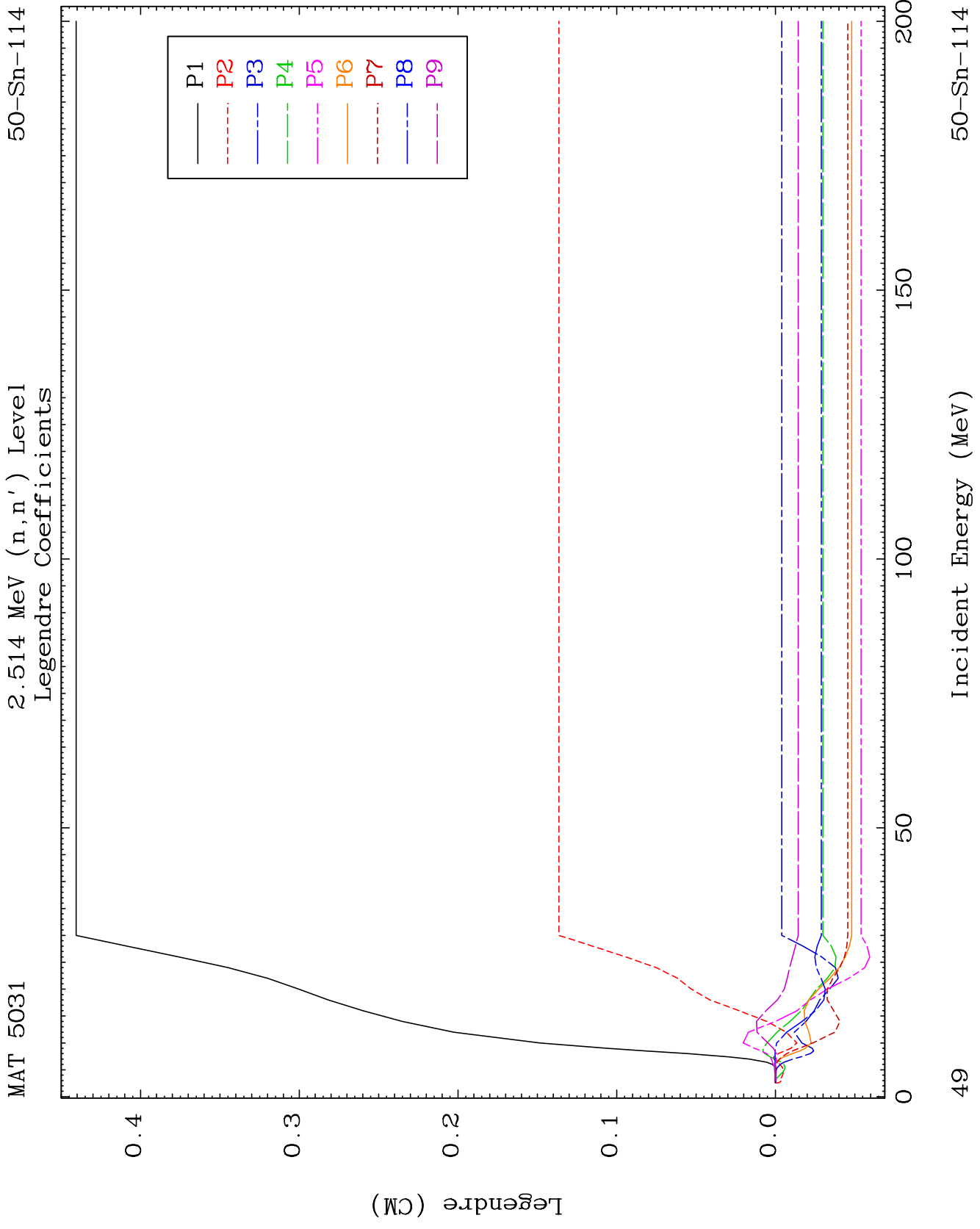
Incident Energy (MeV)

50-Sn-114

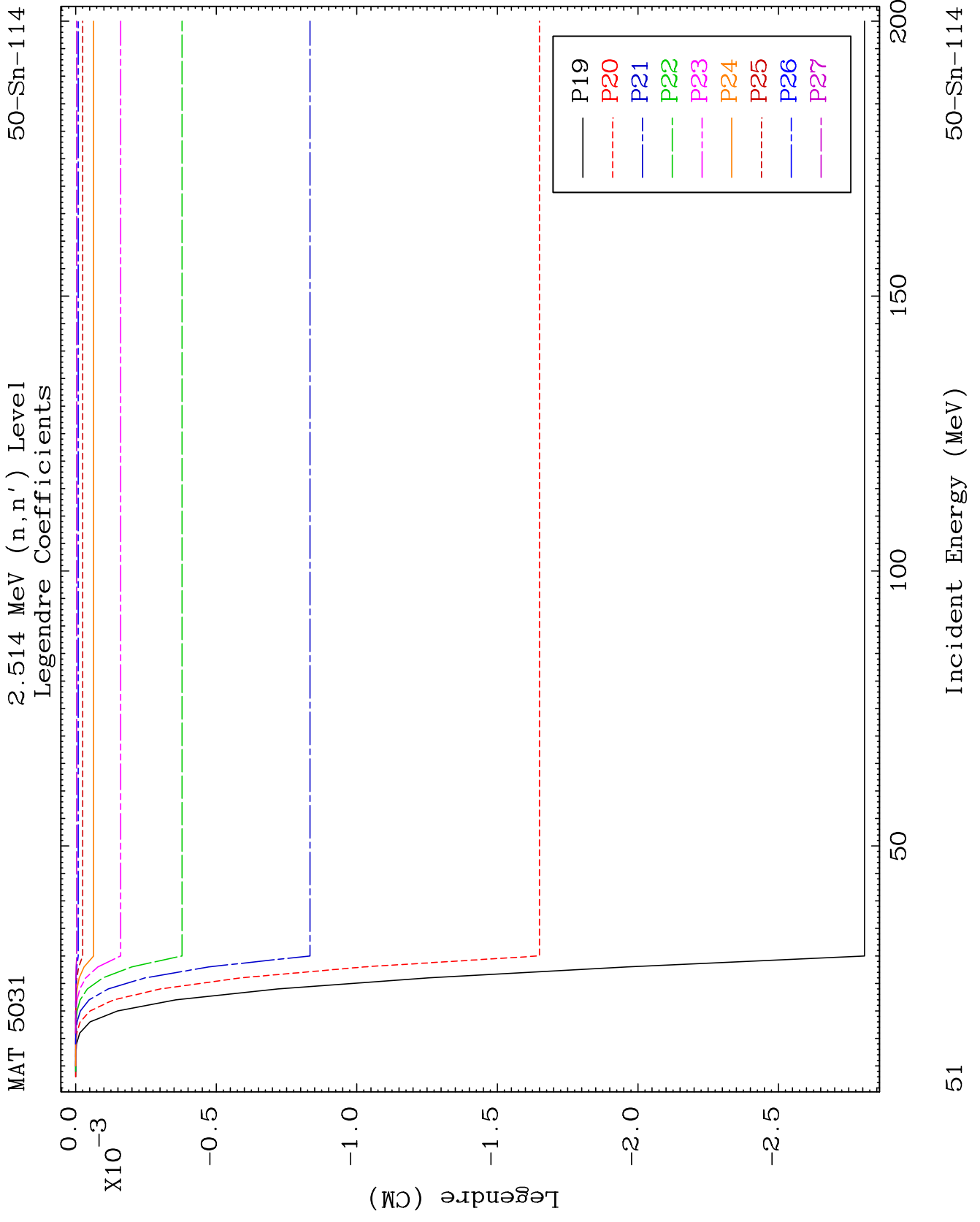


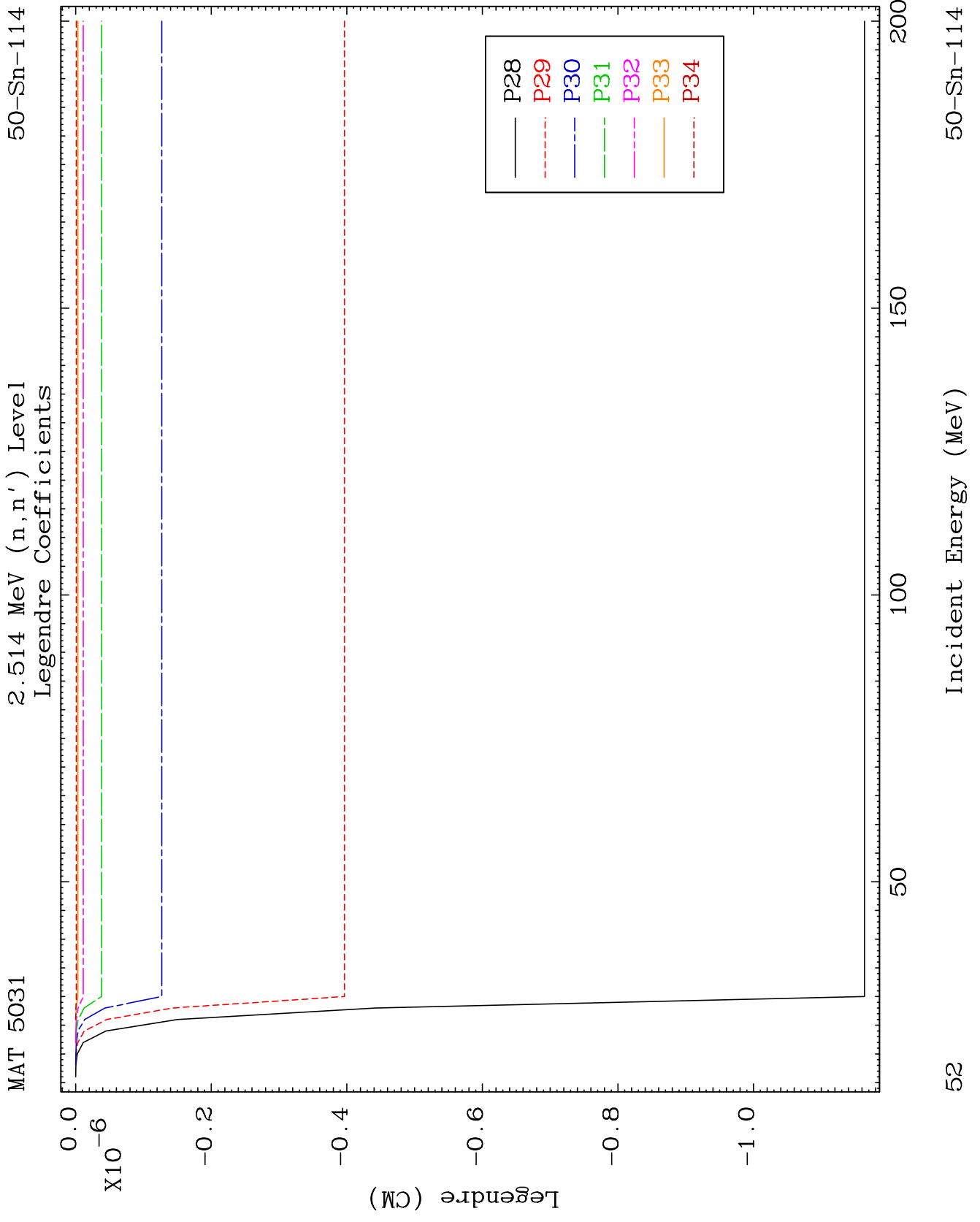


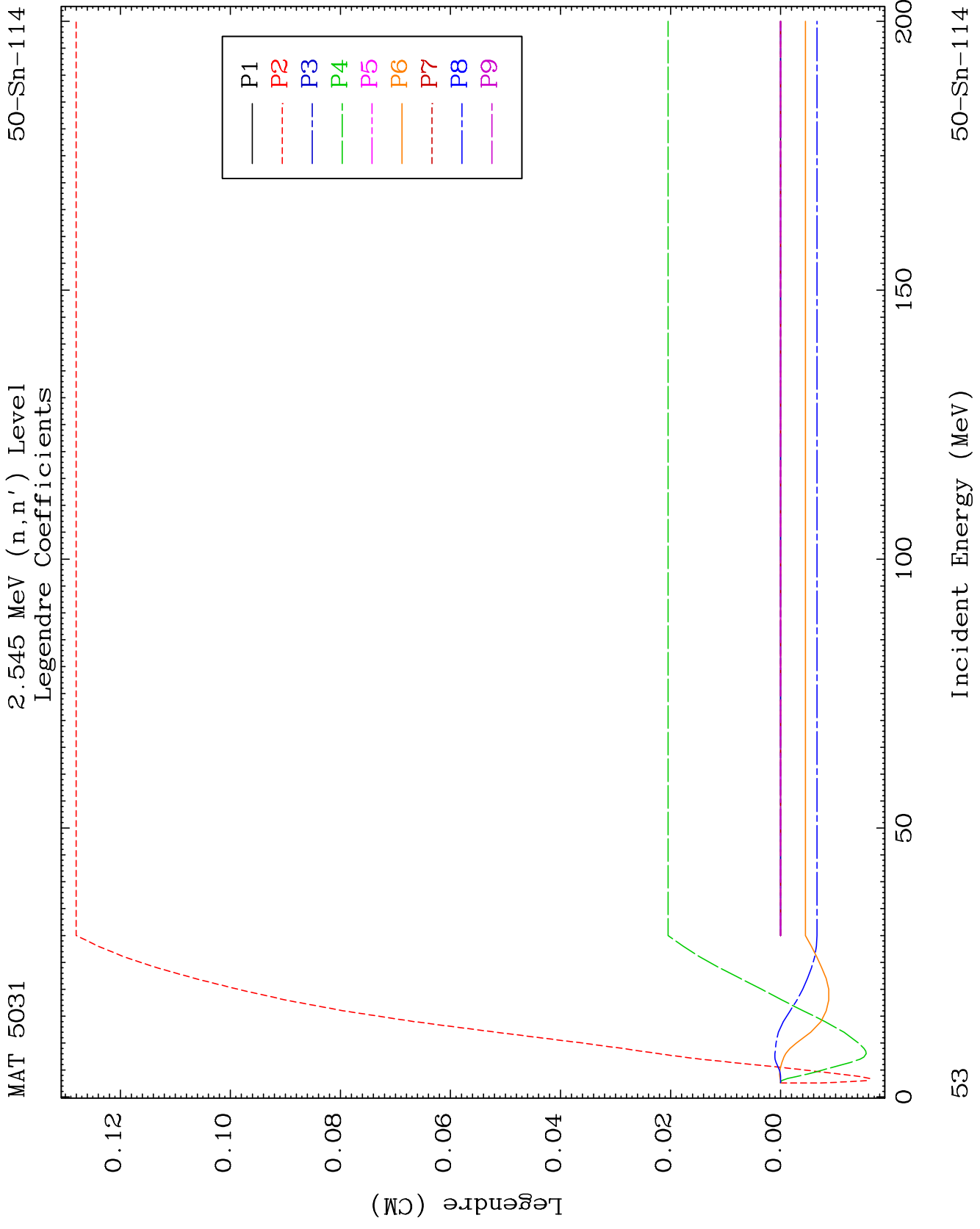


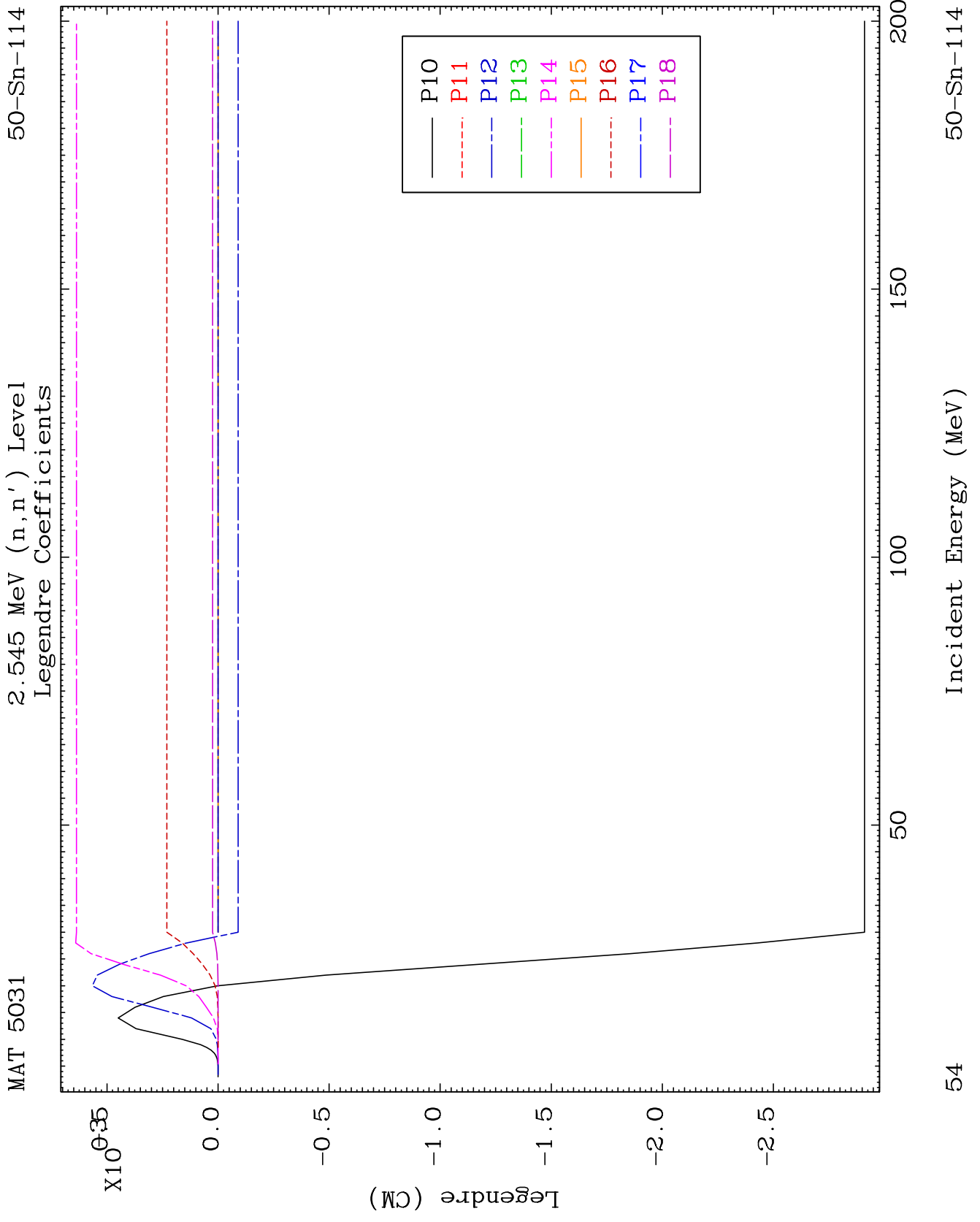


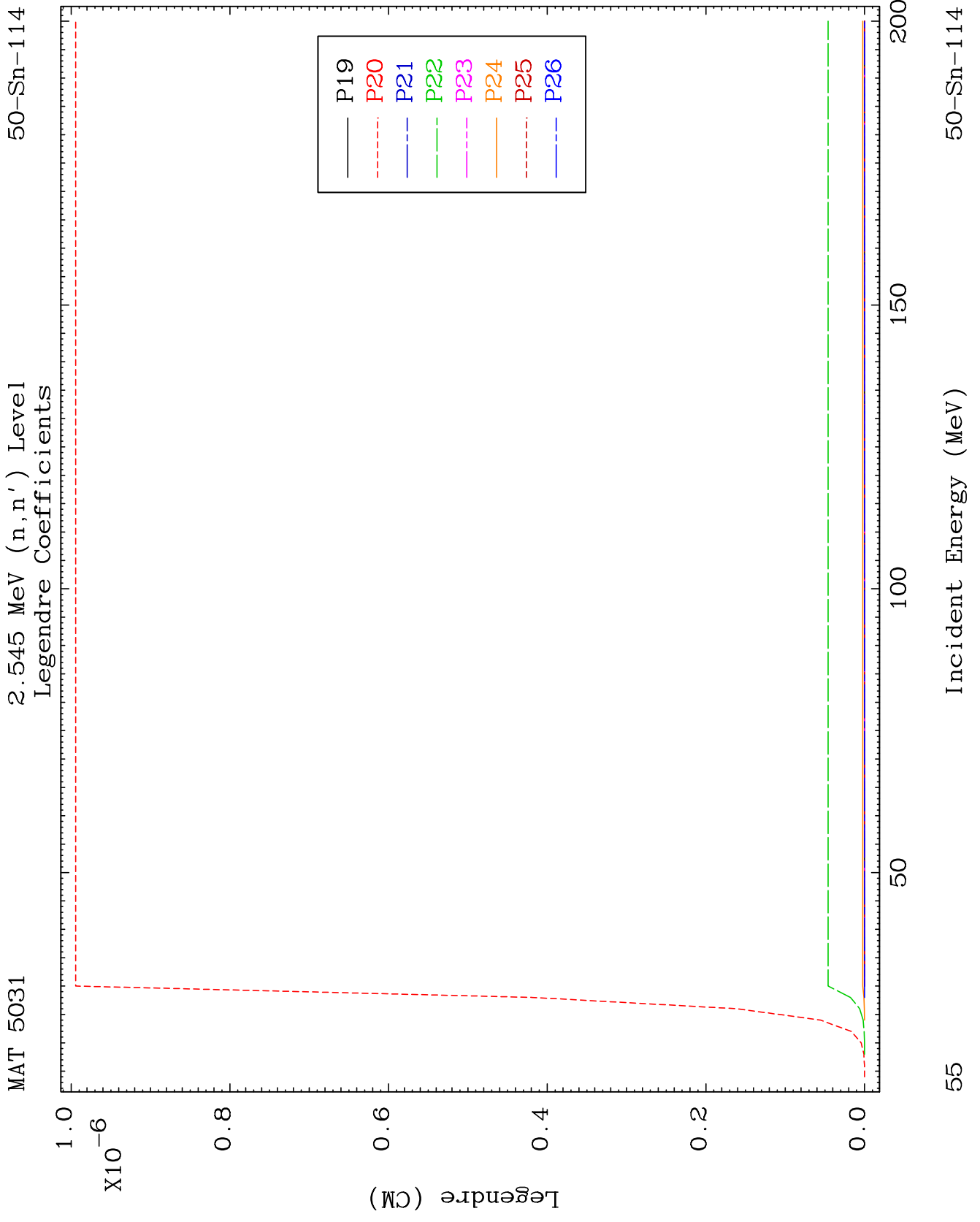






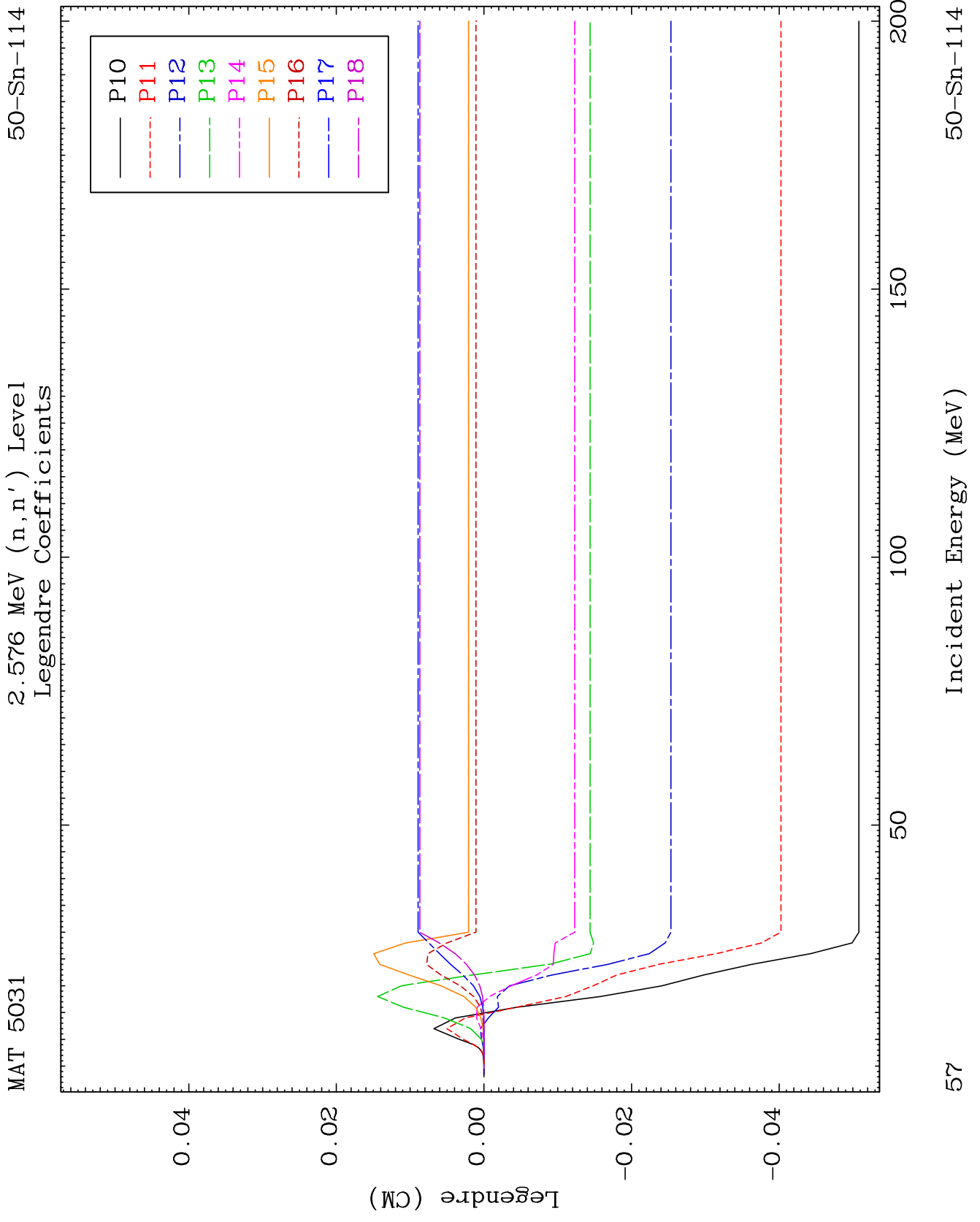


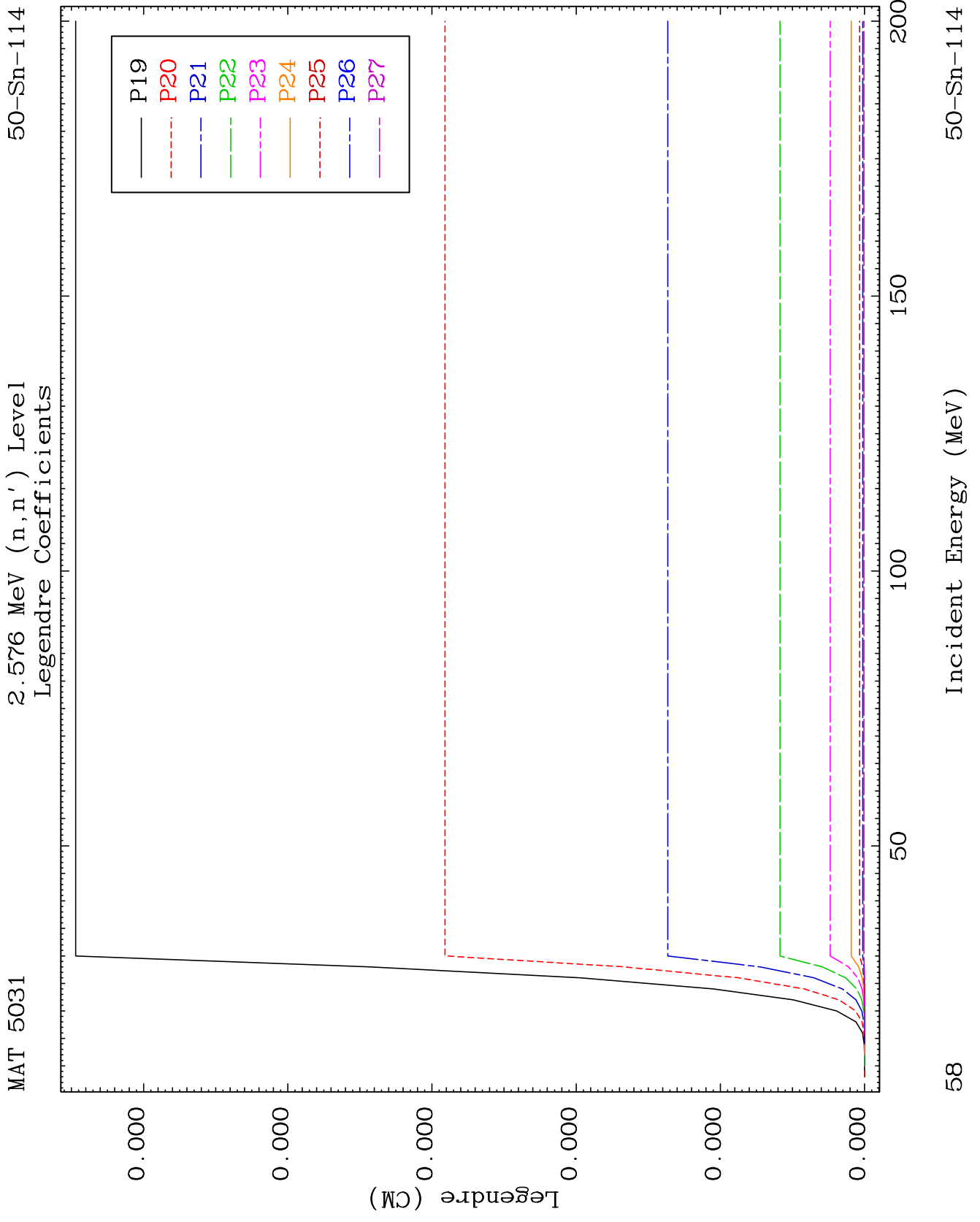


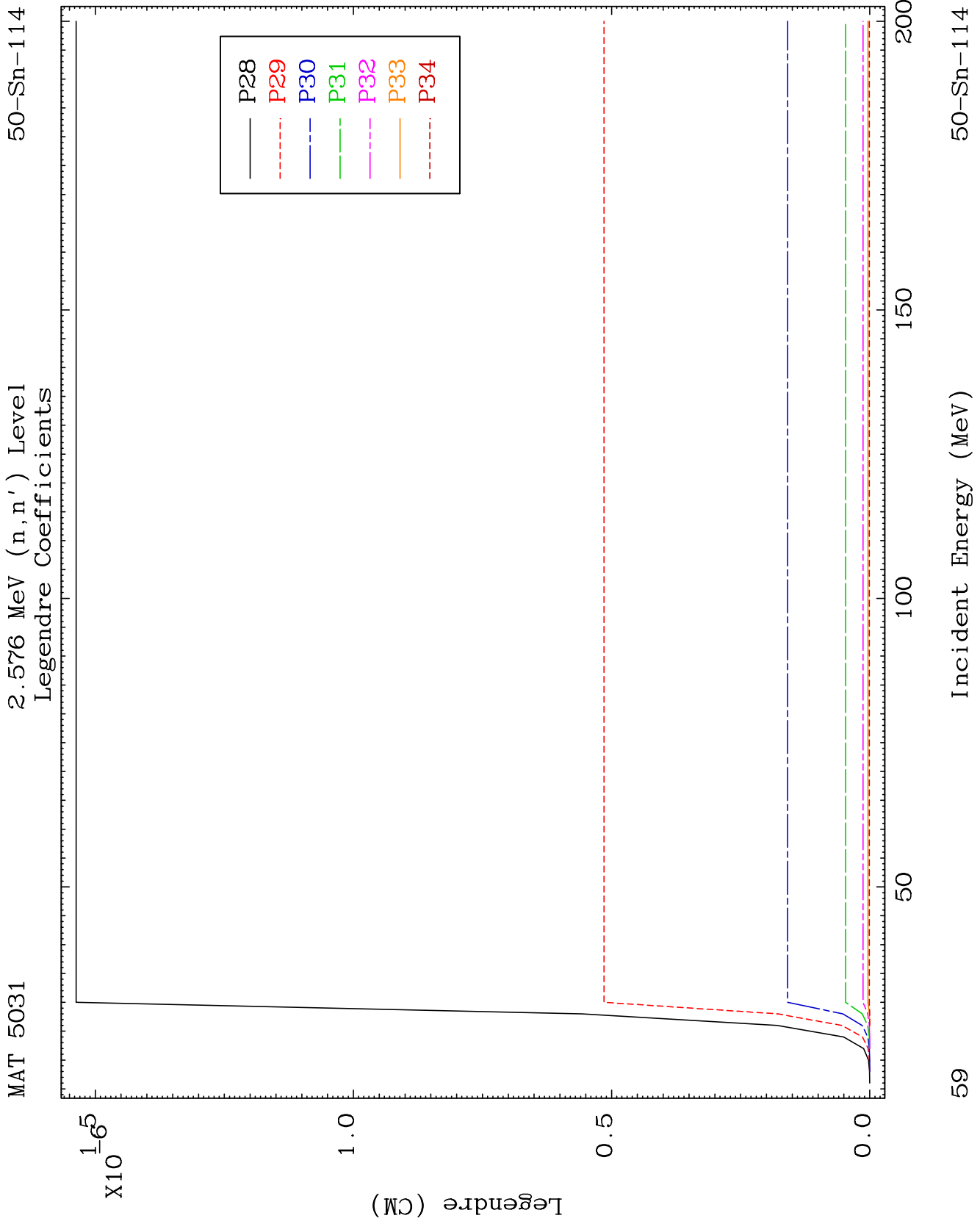


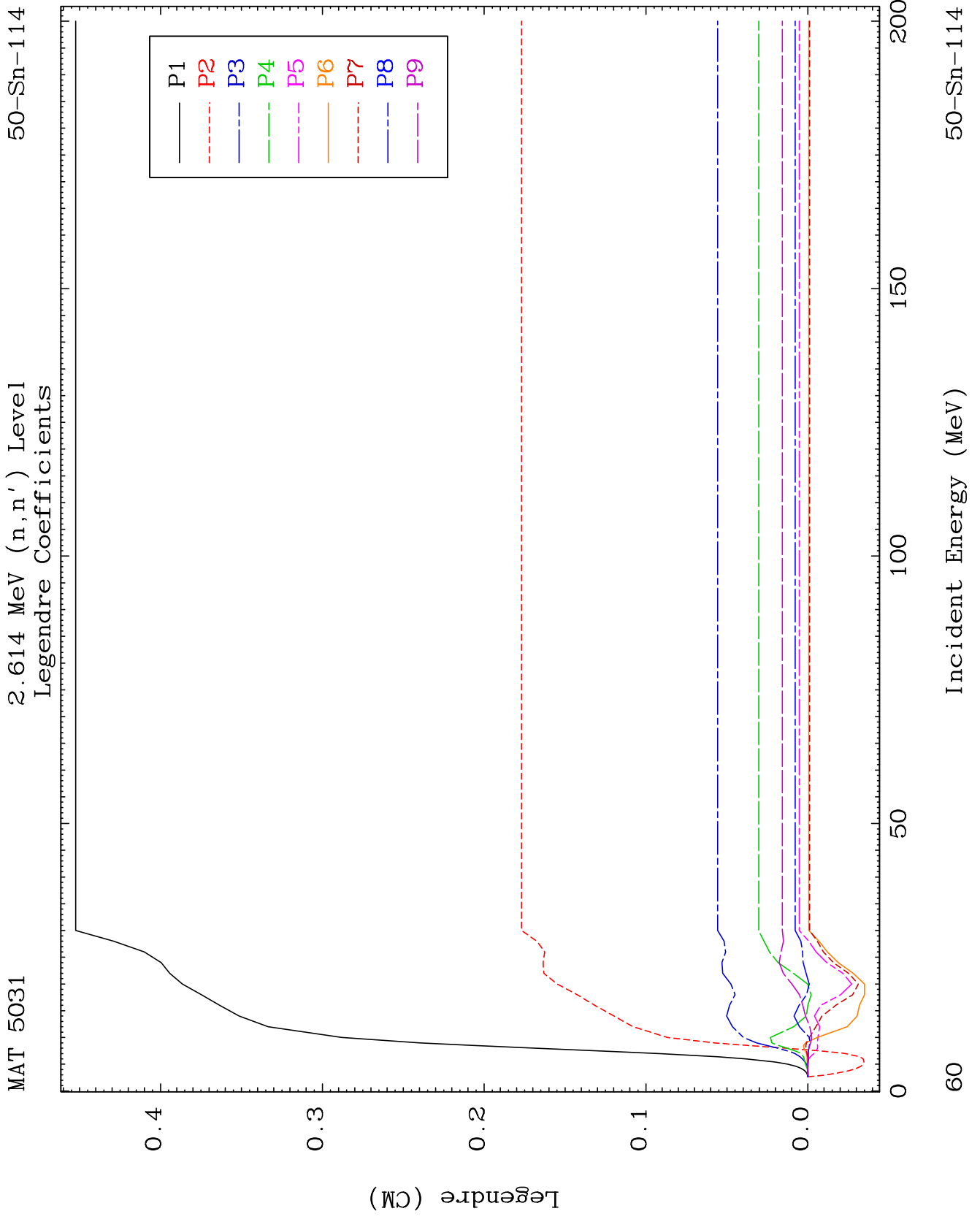










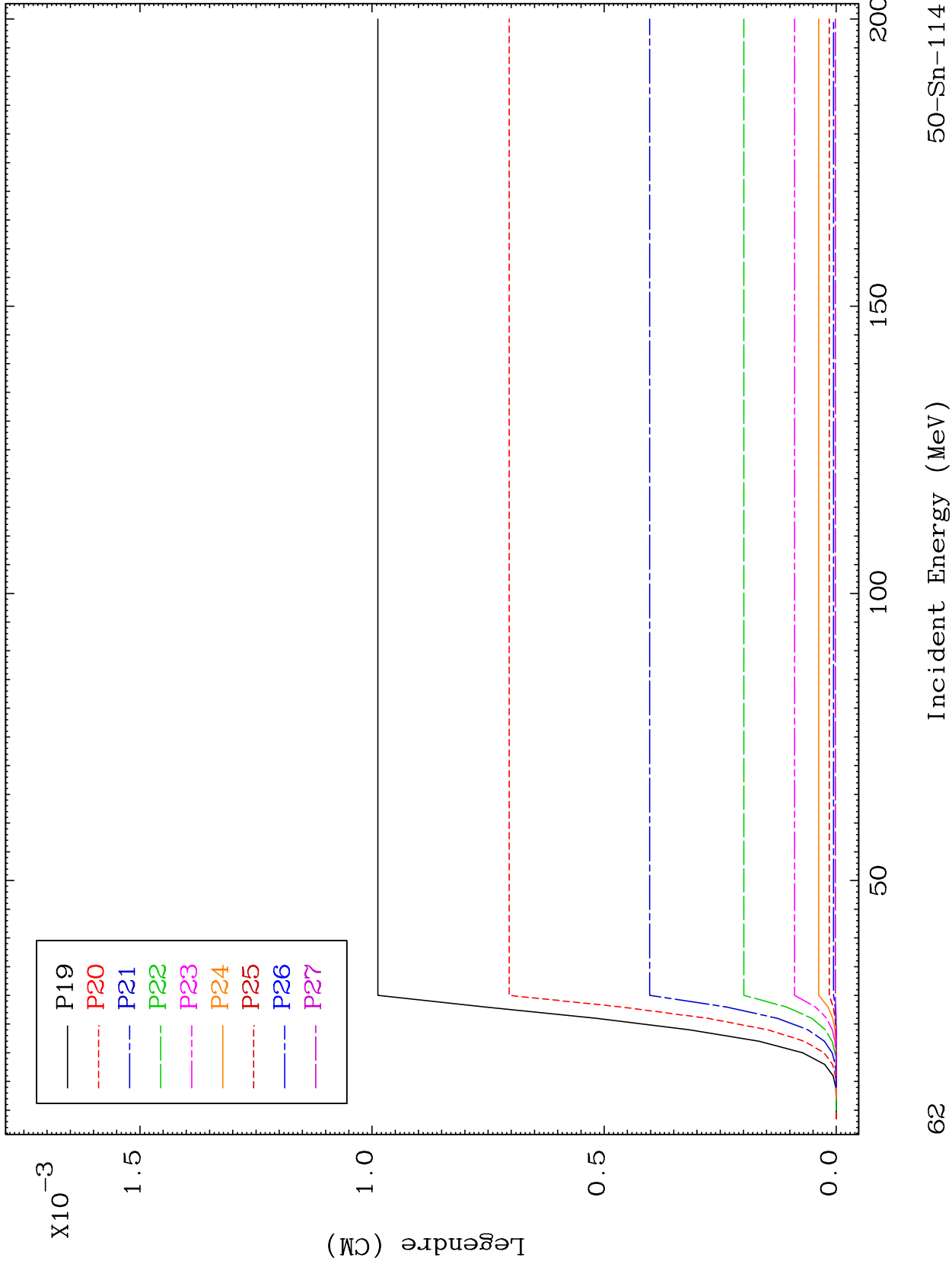




MAT 5031

2.614 MeV (n,n') Level  
Legendre Coefficients

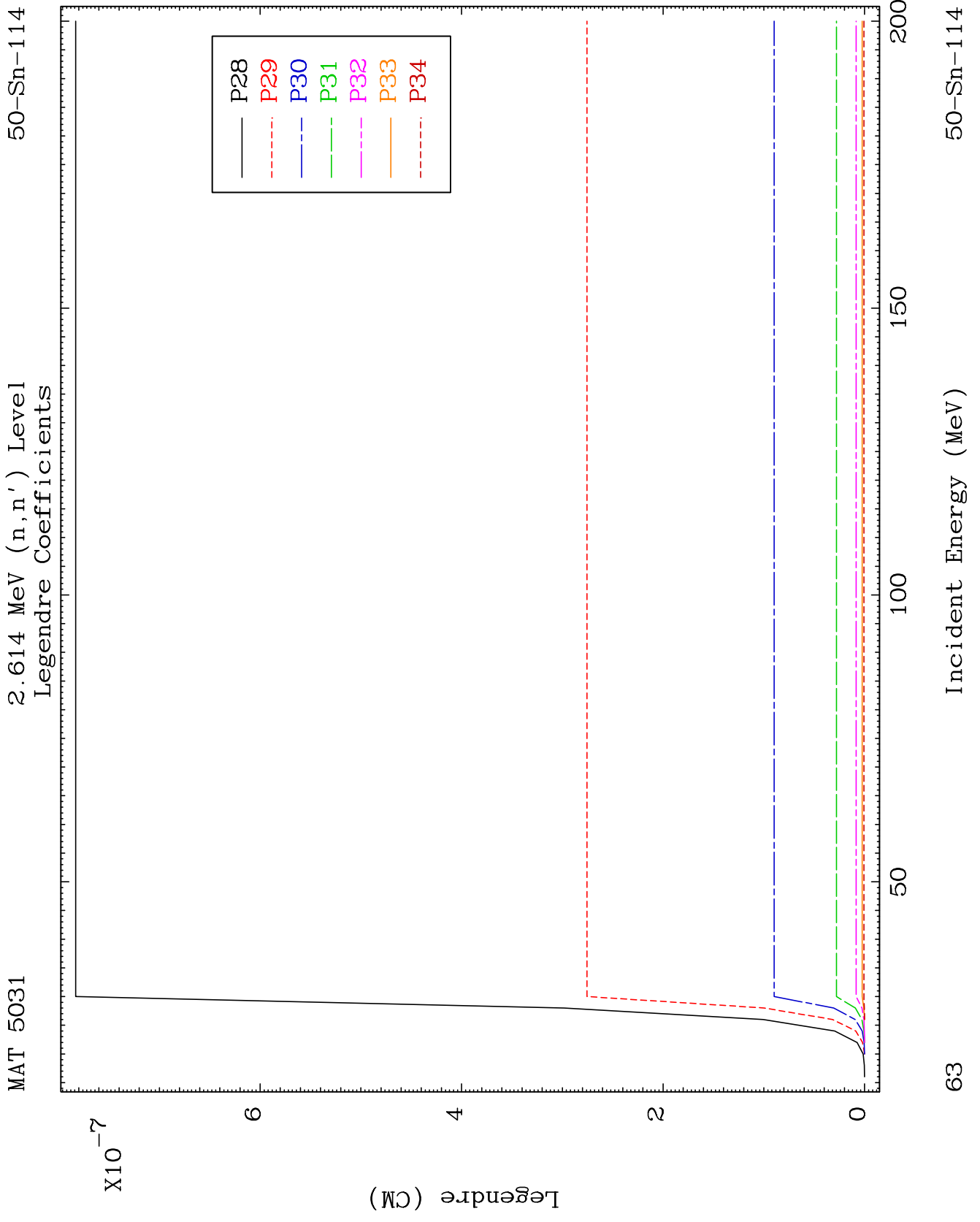
50-Sn-114



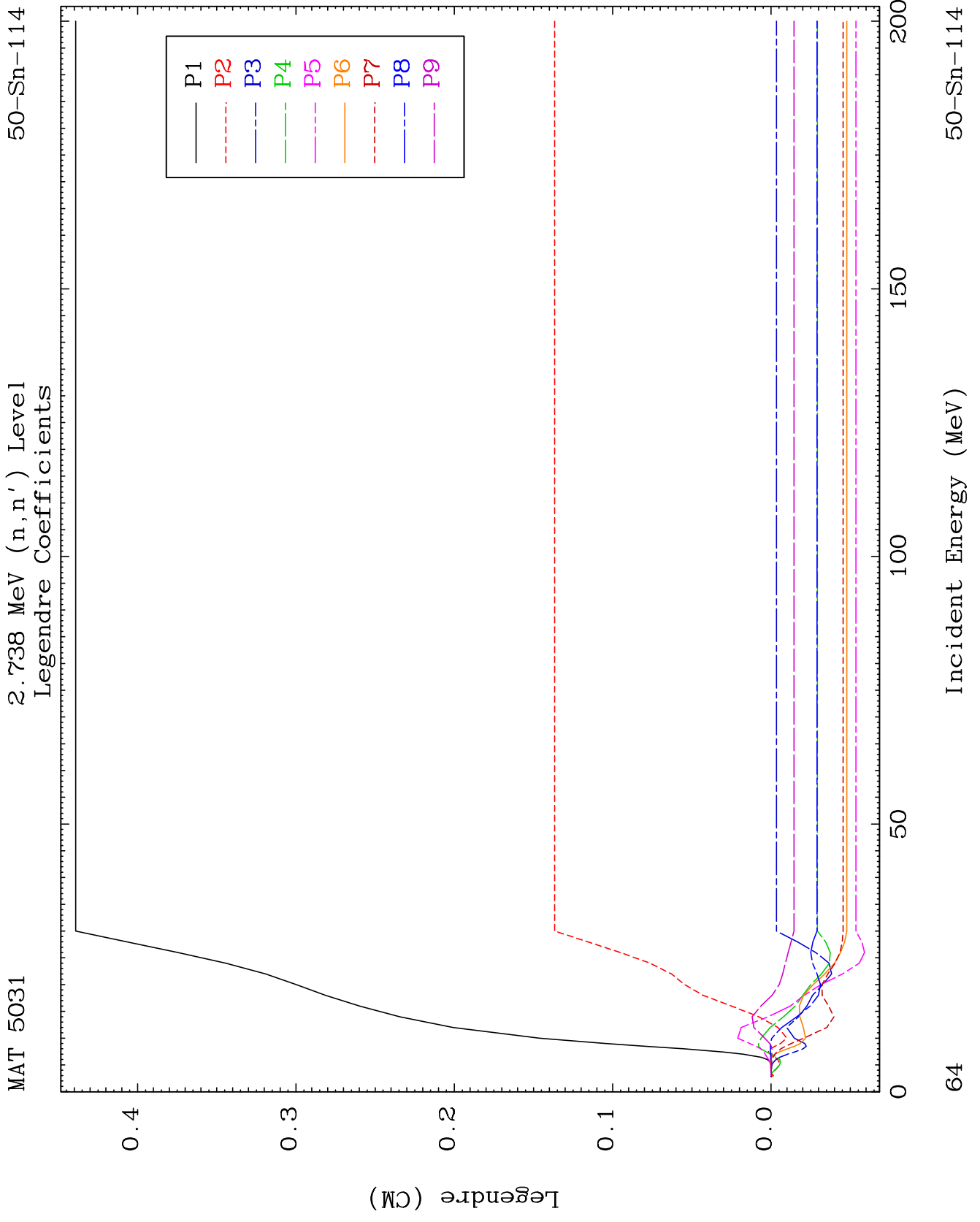
62

Incident Energy (MeV)

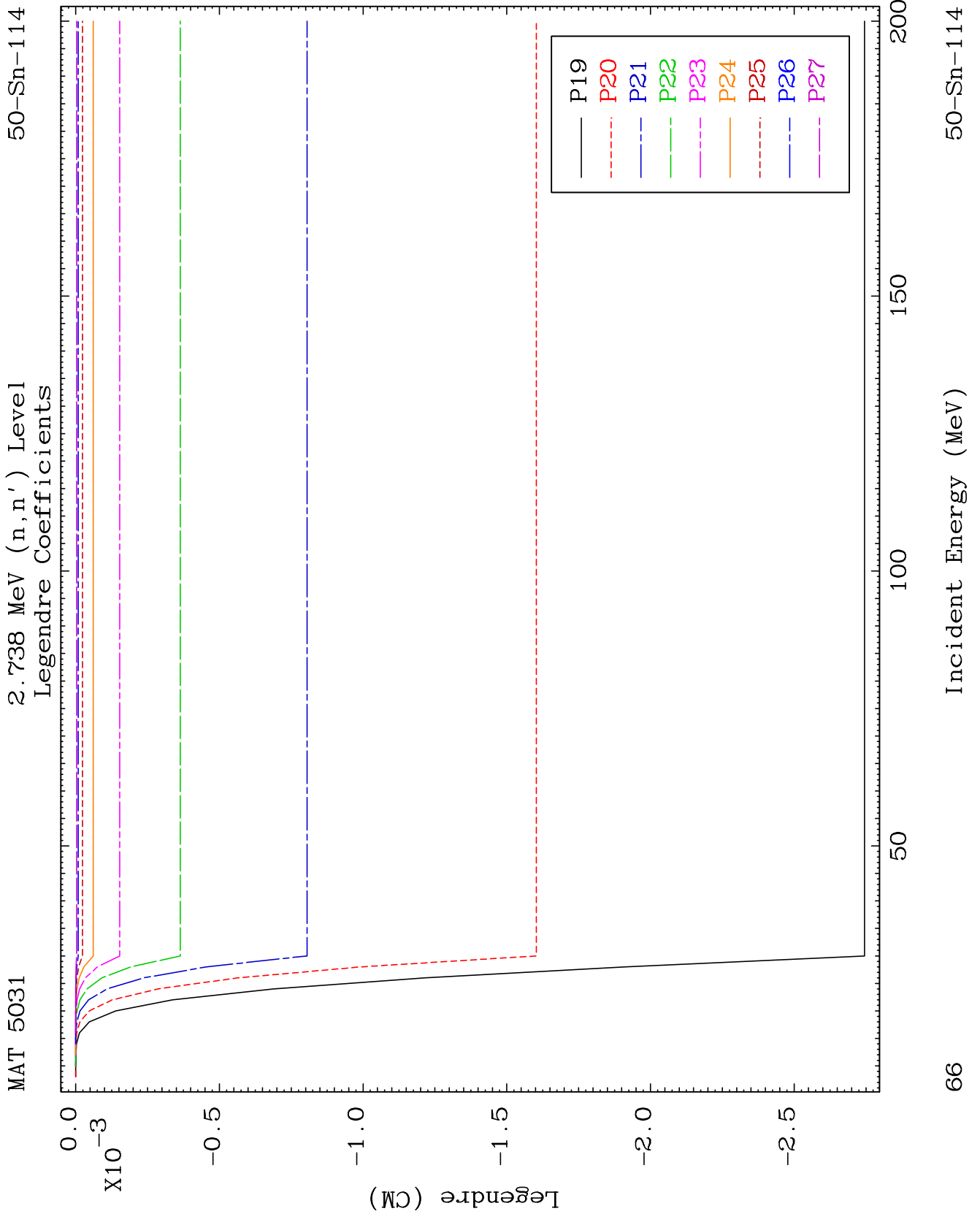
50-Sn-114

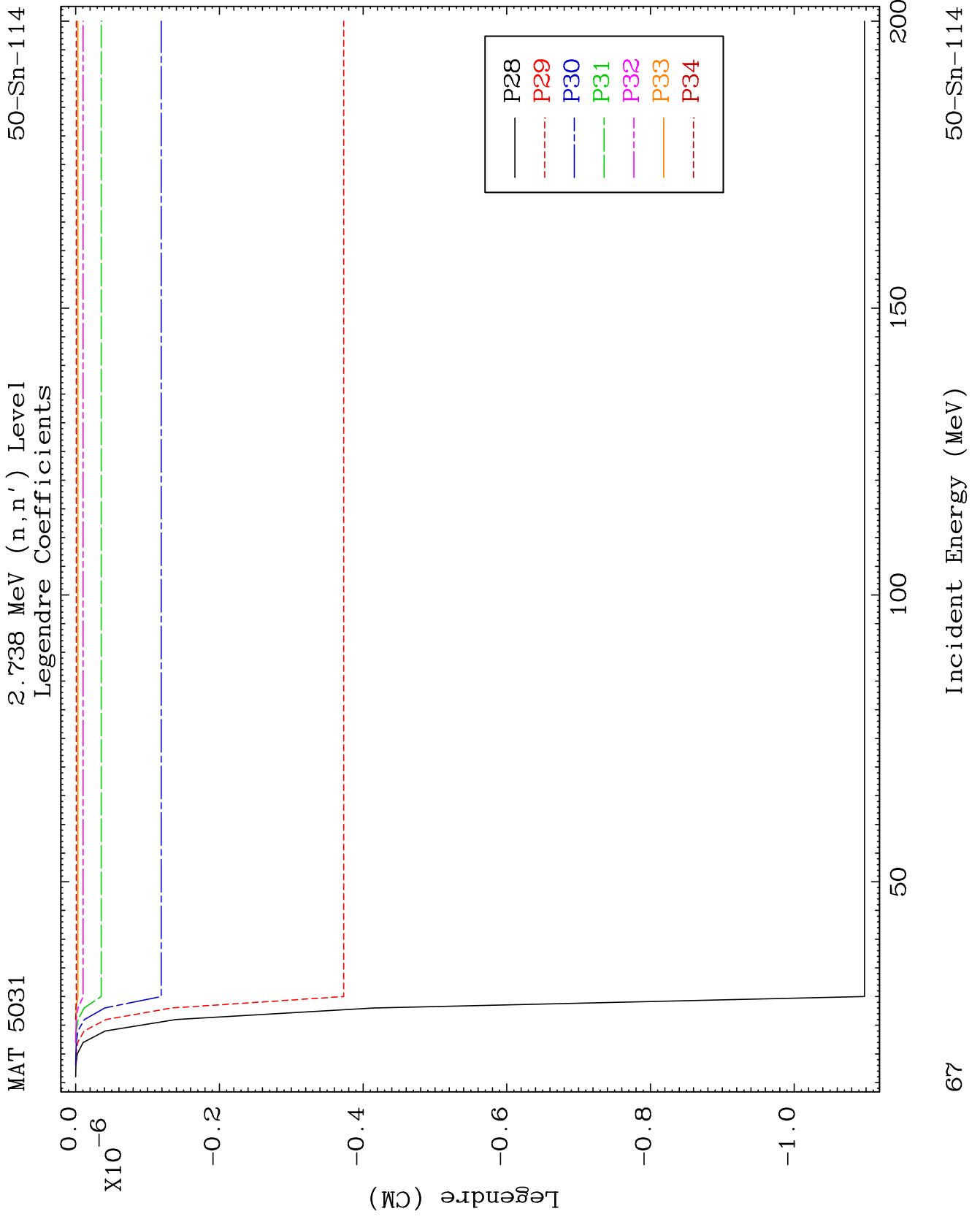


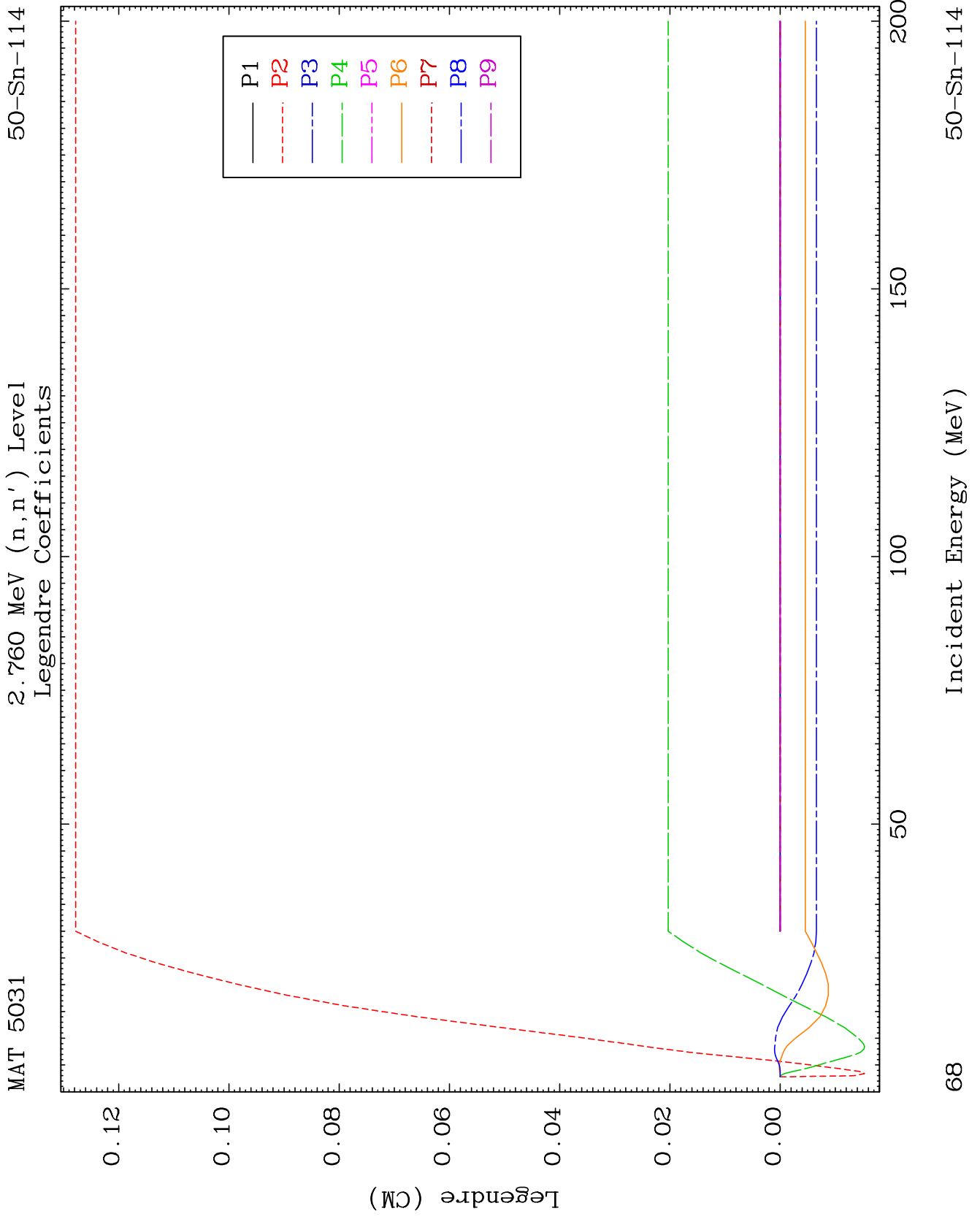


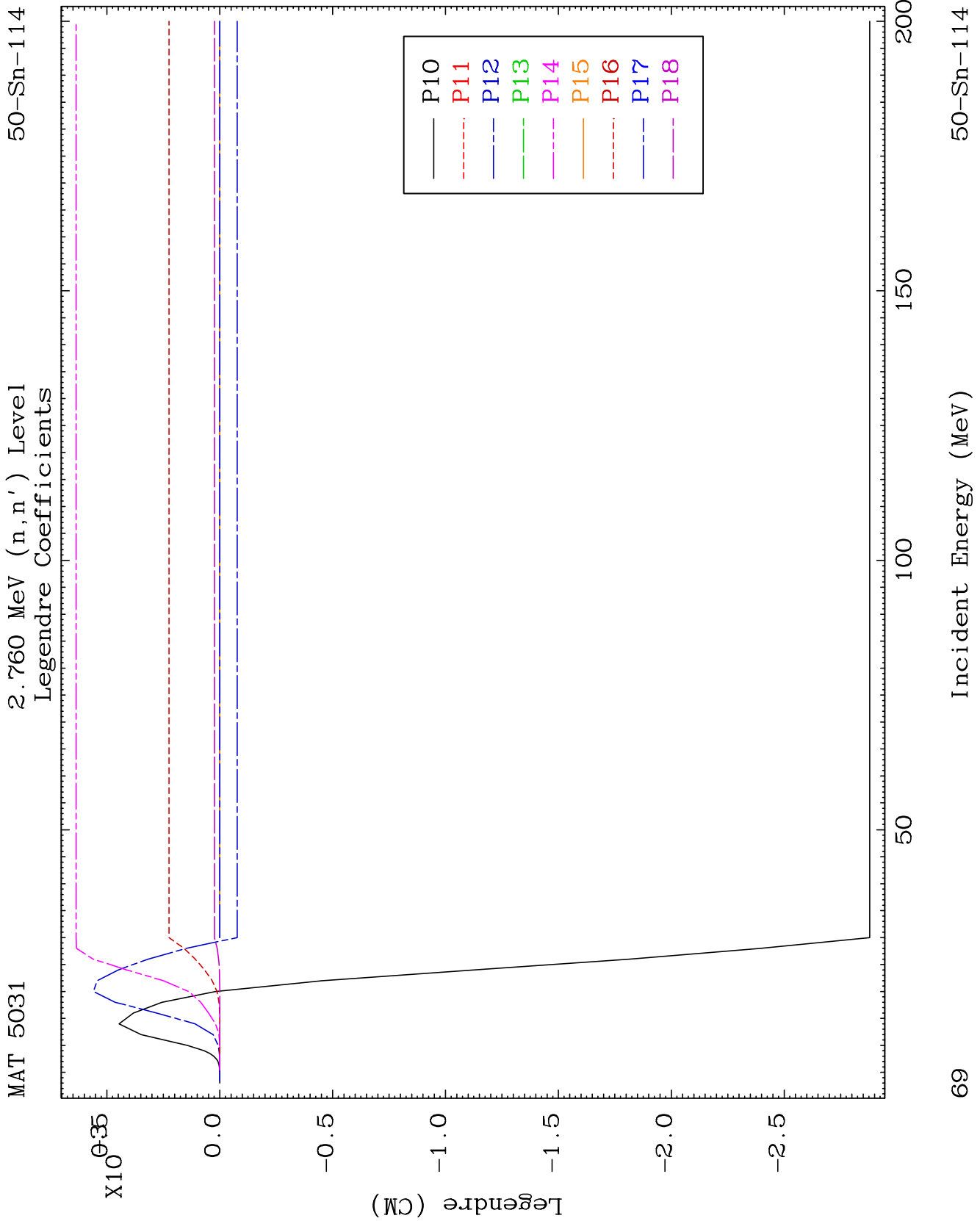


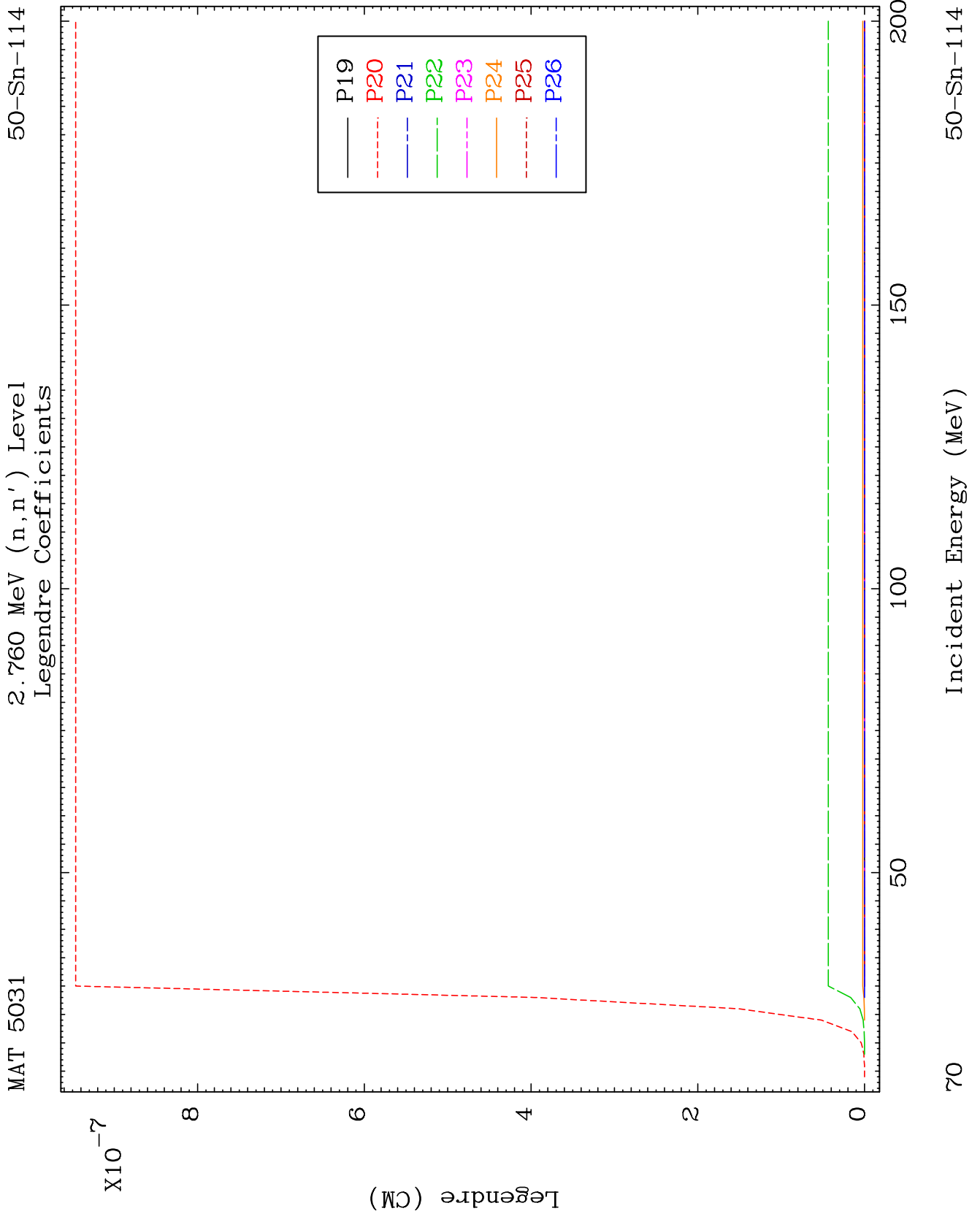


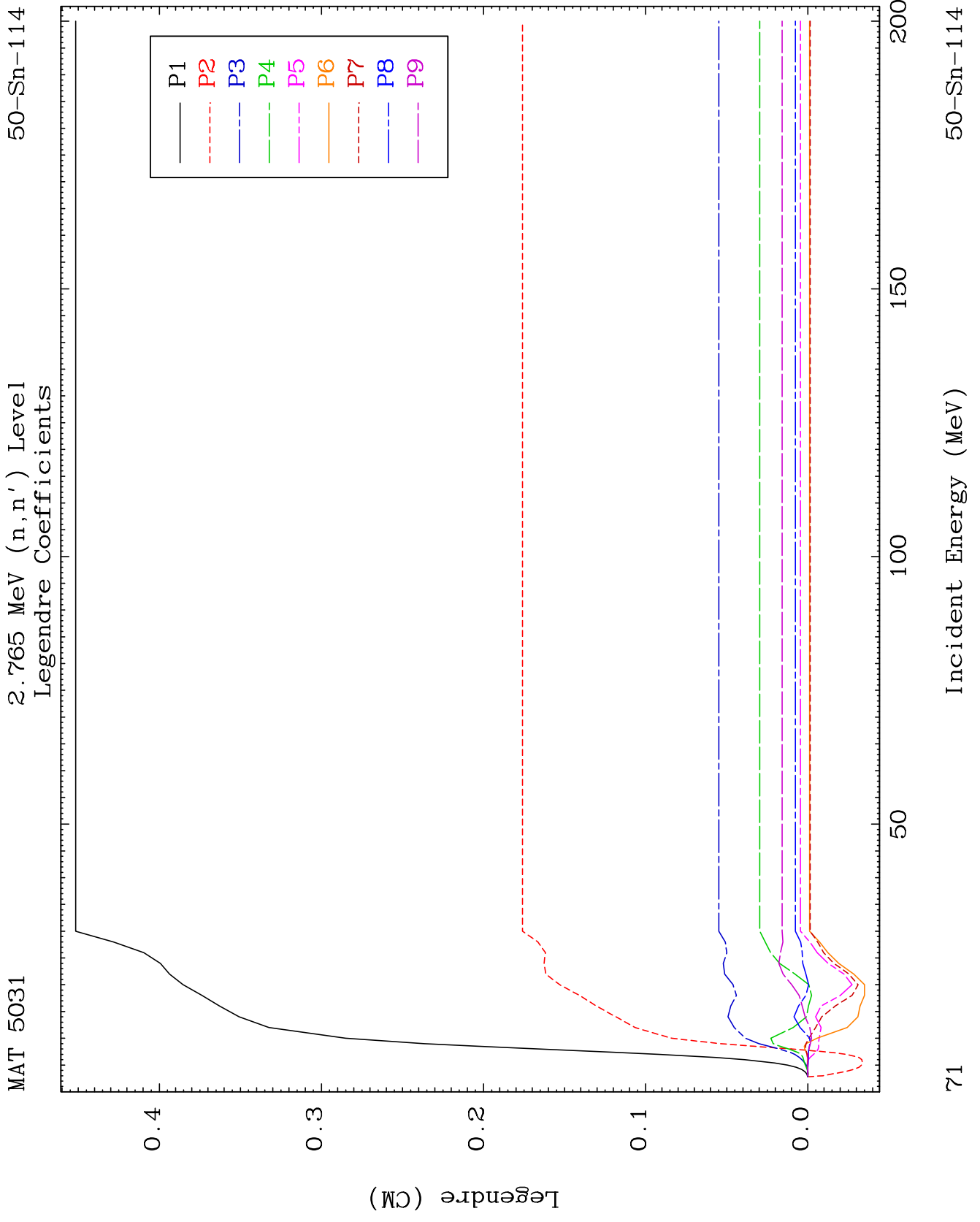






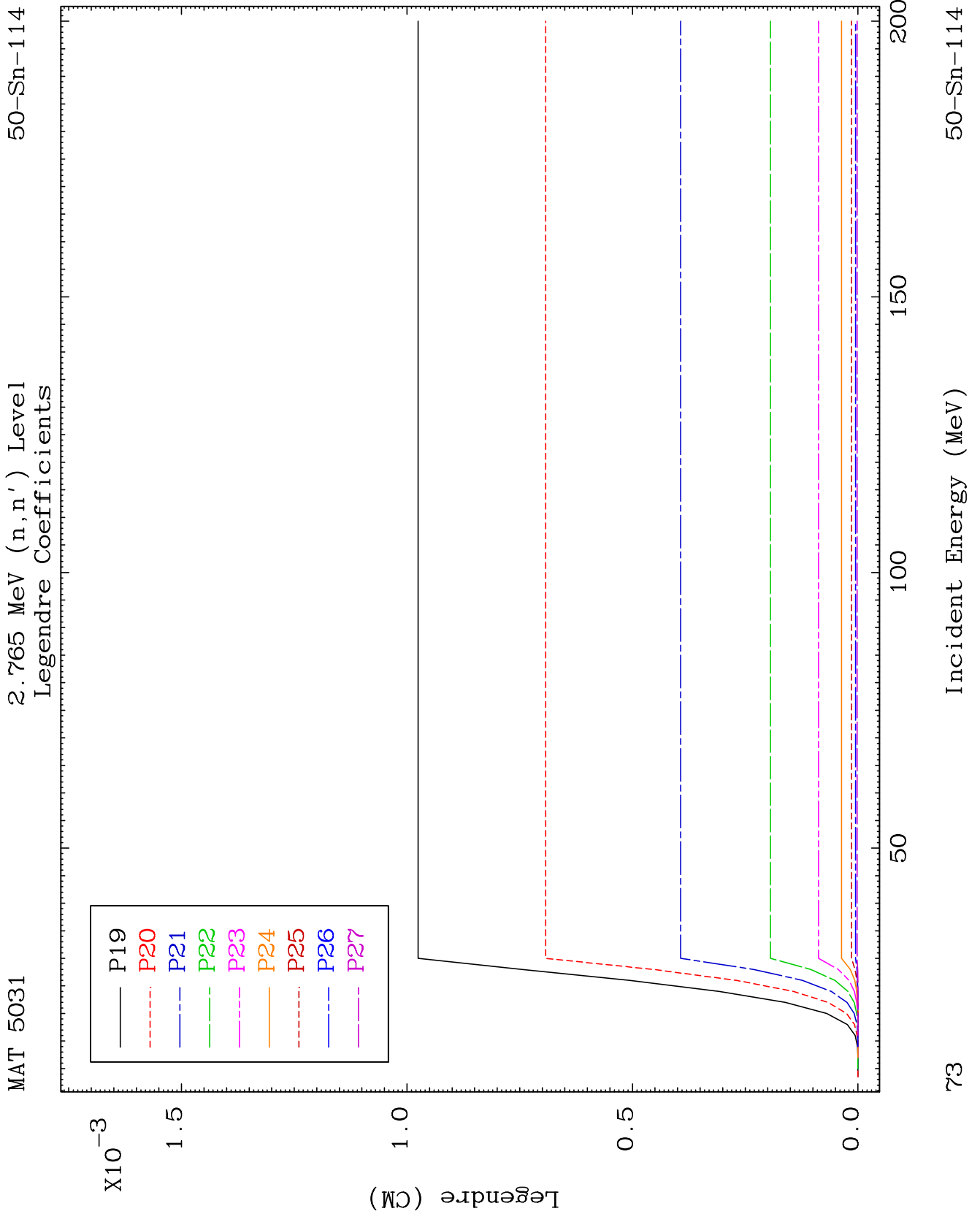


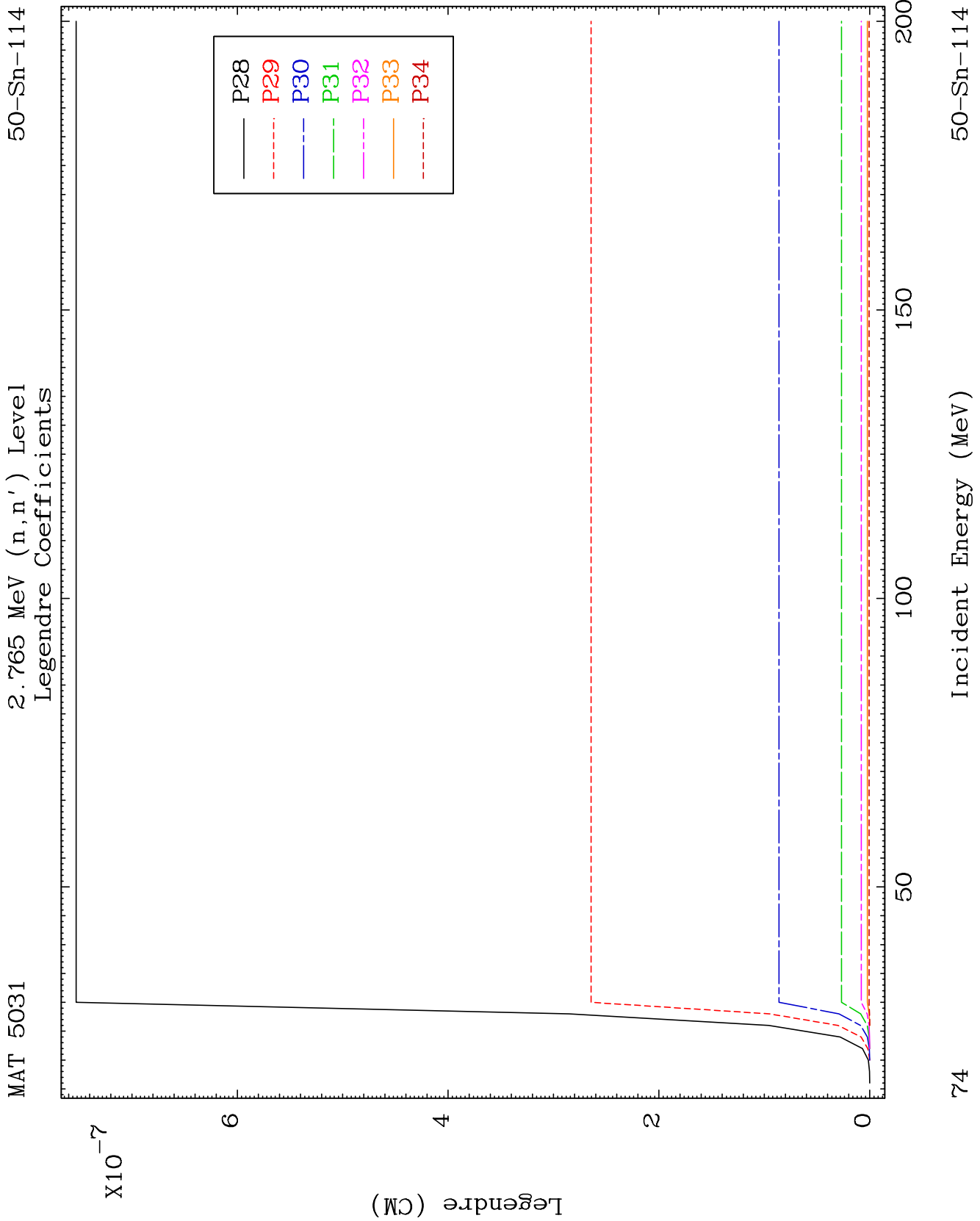


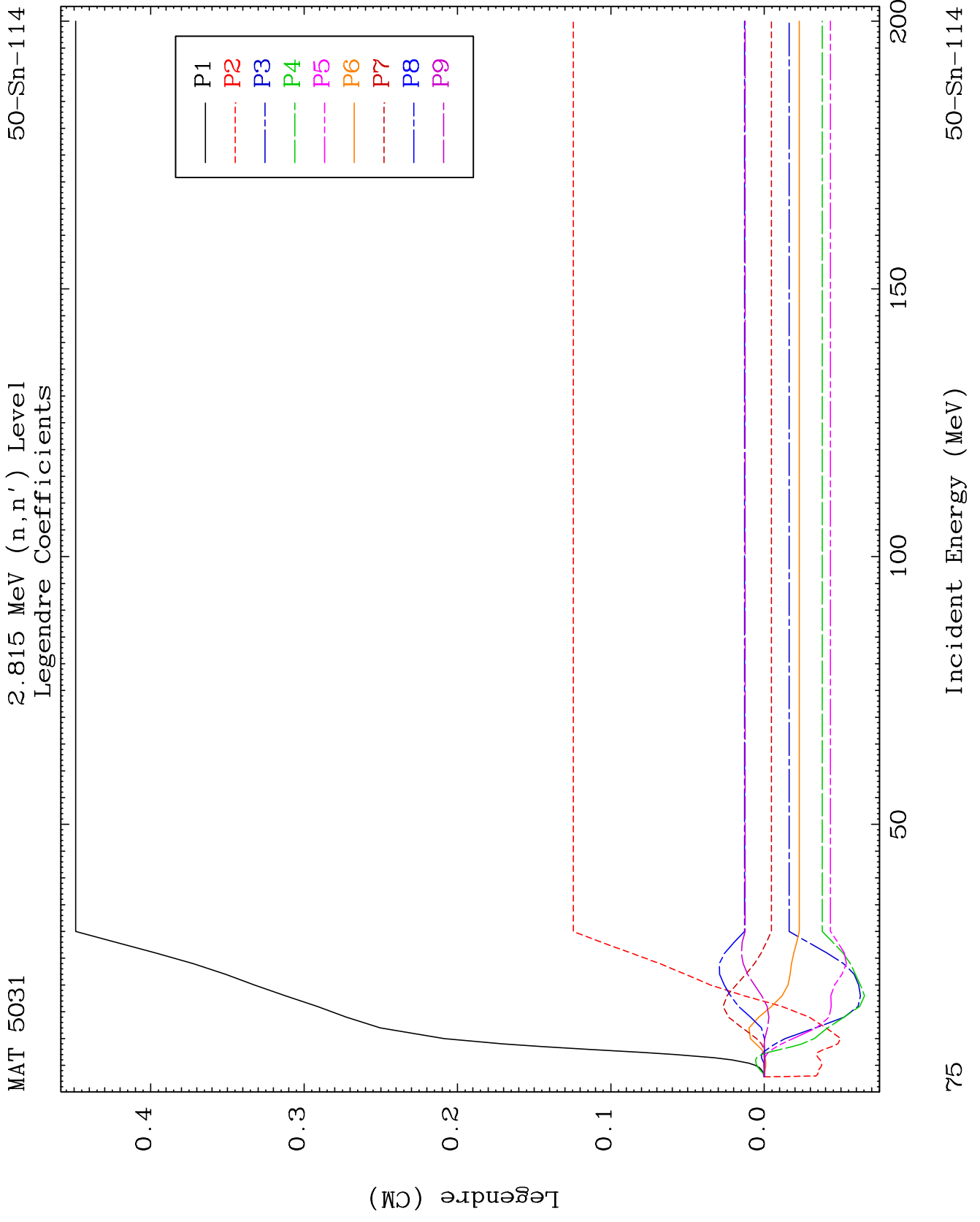




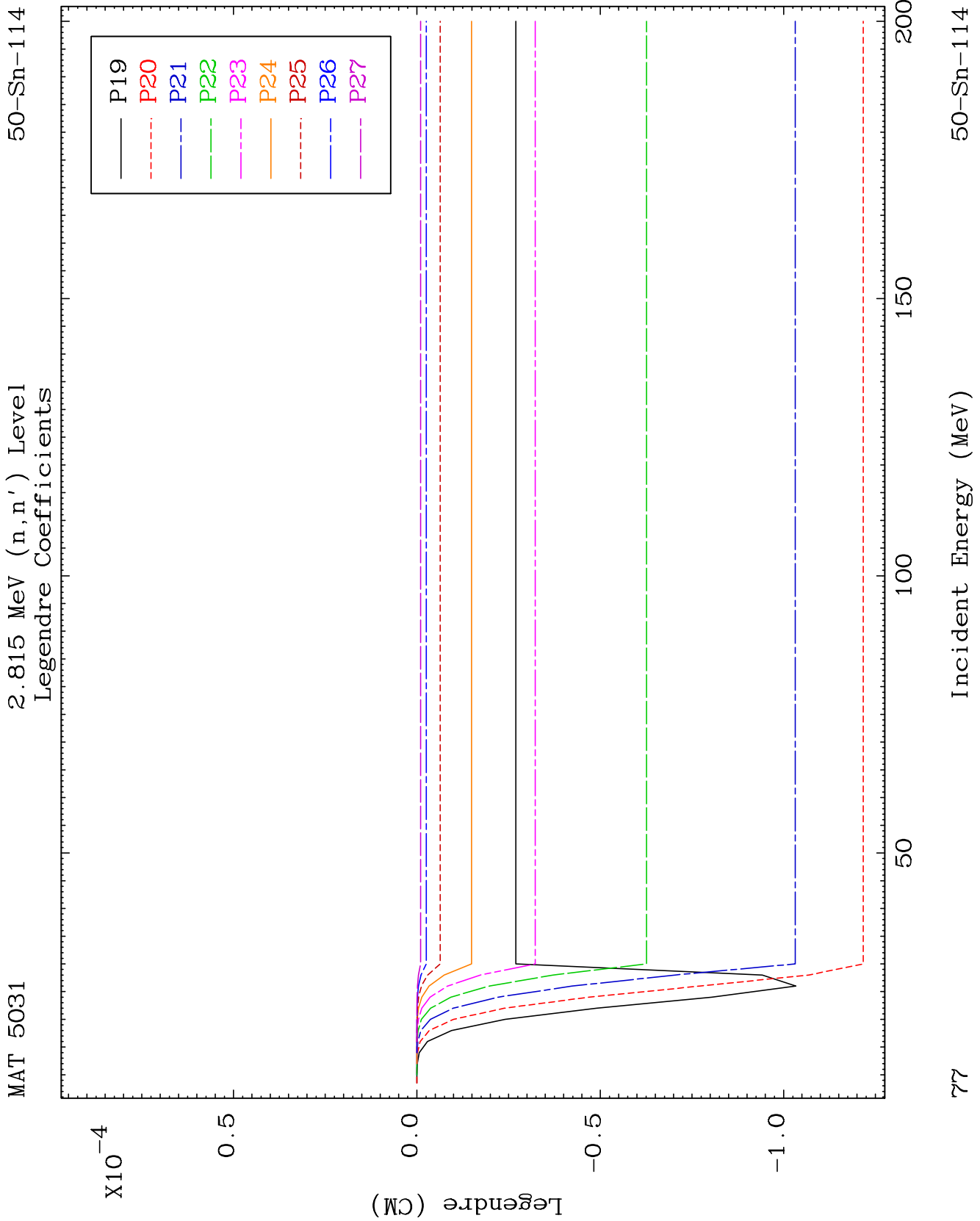


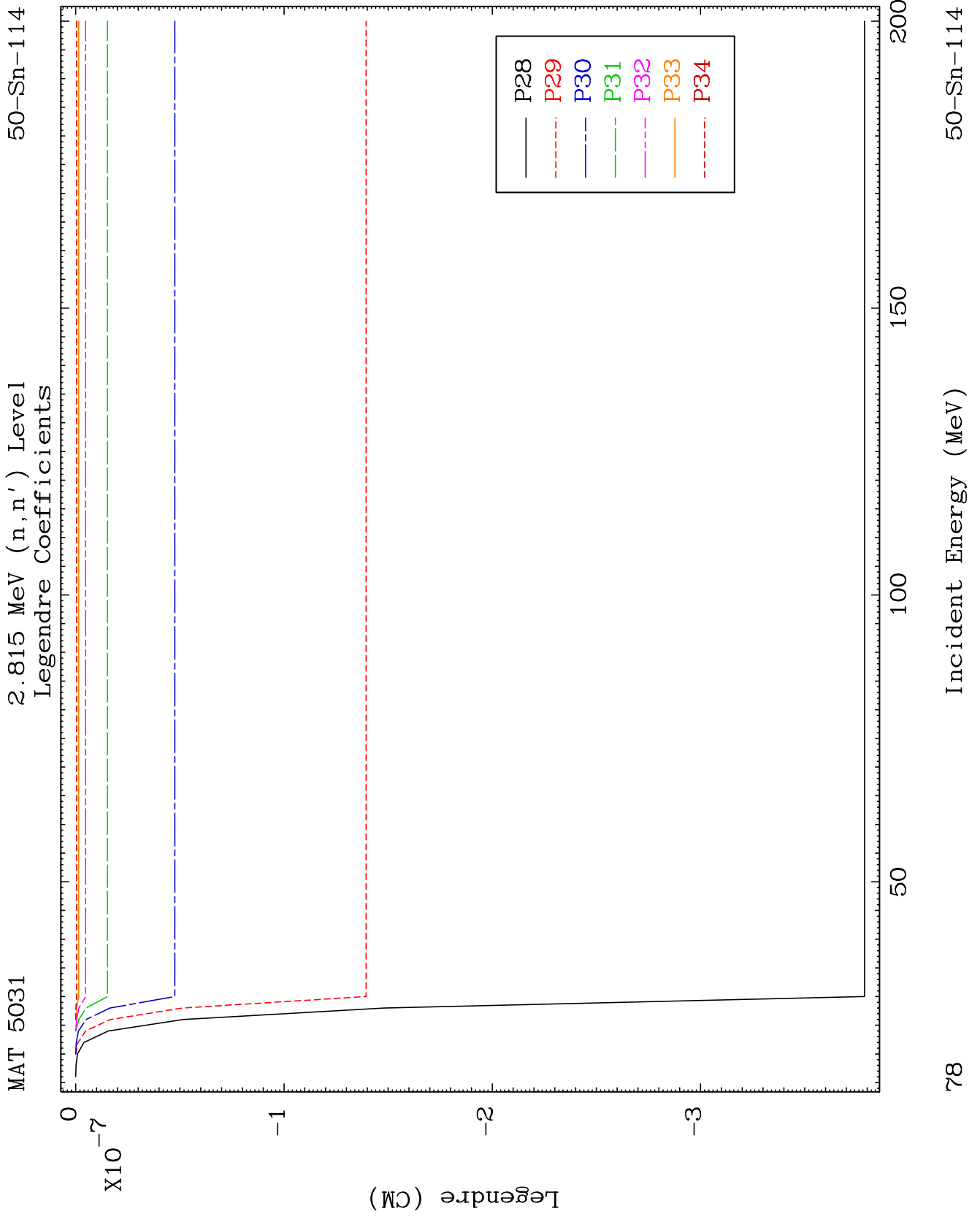


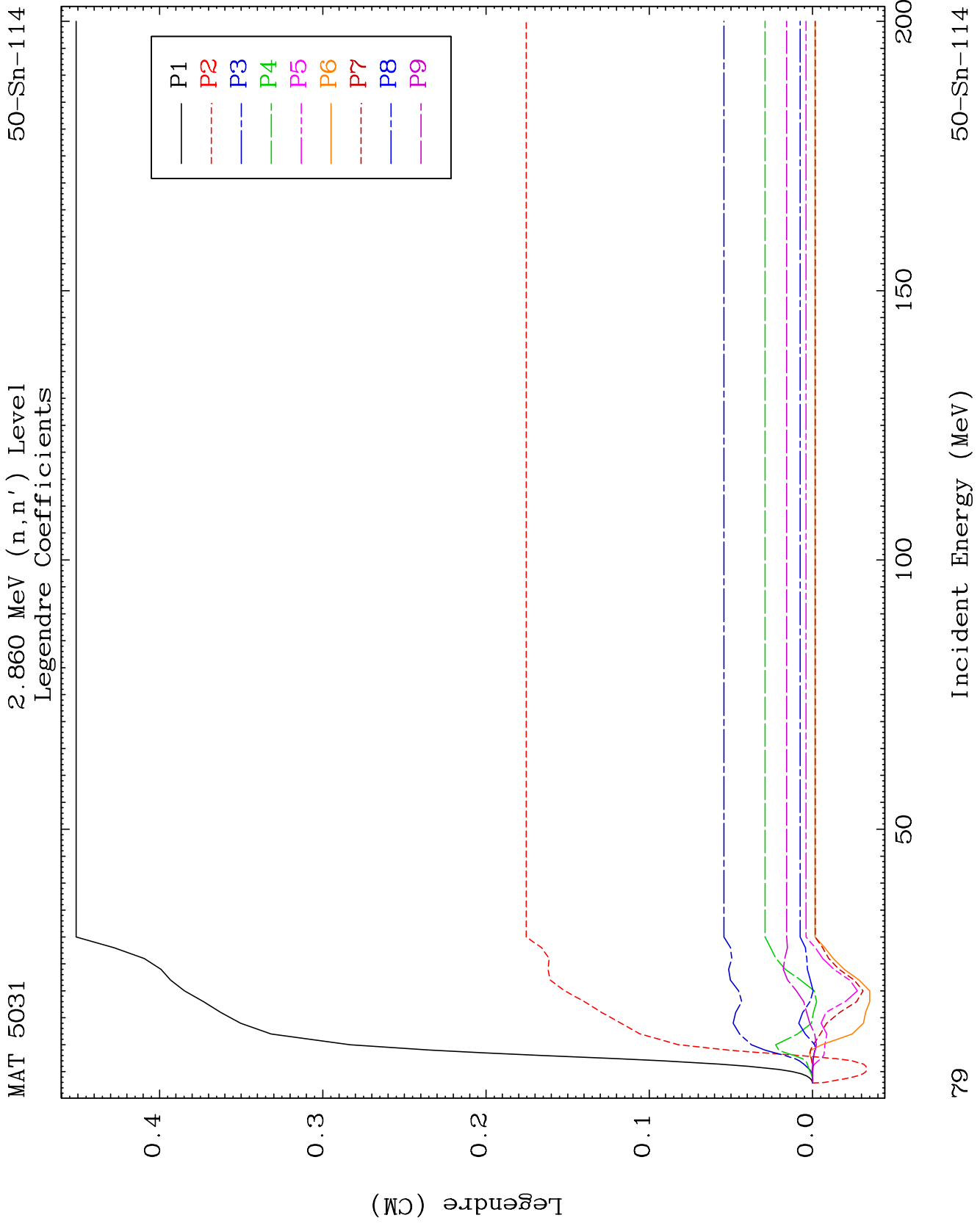




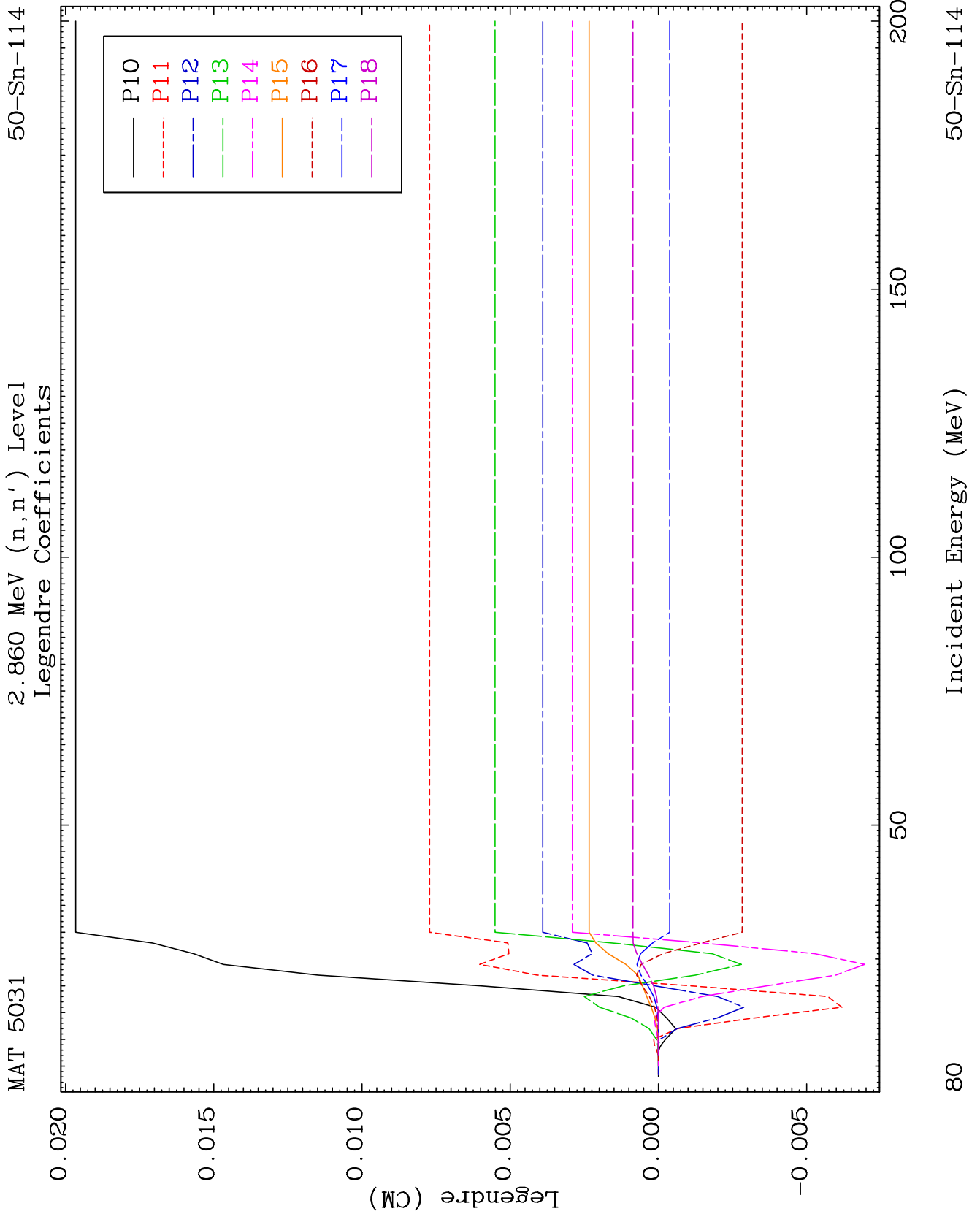


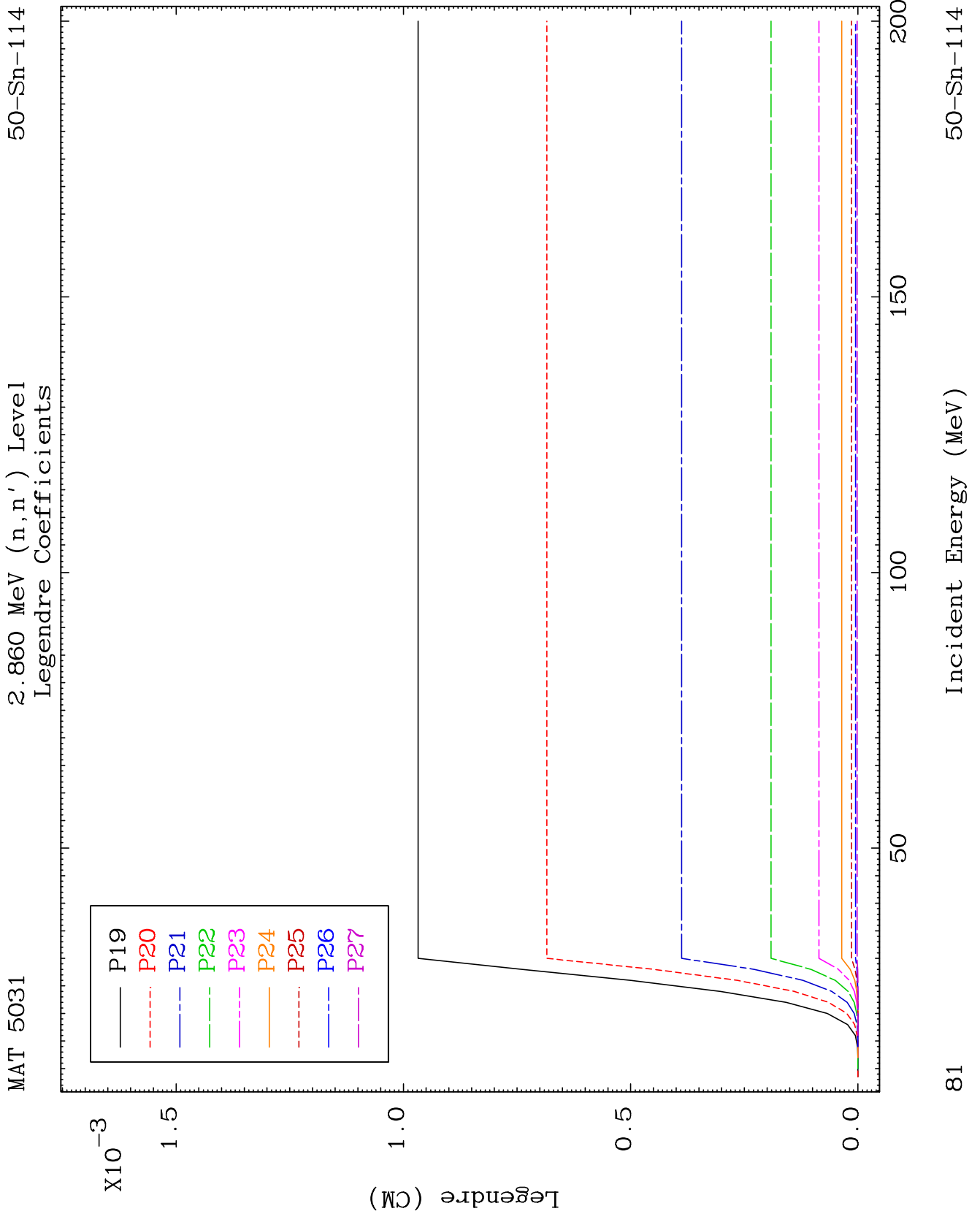


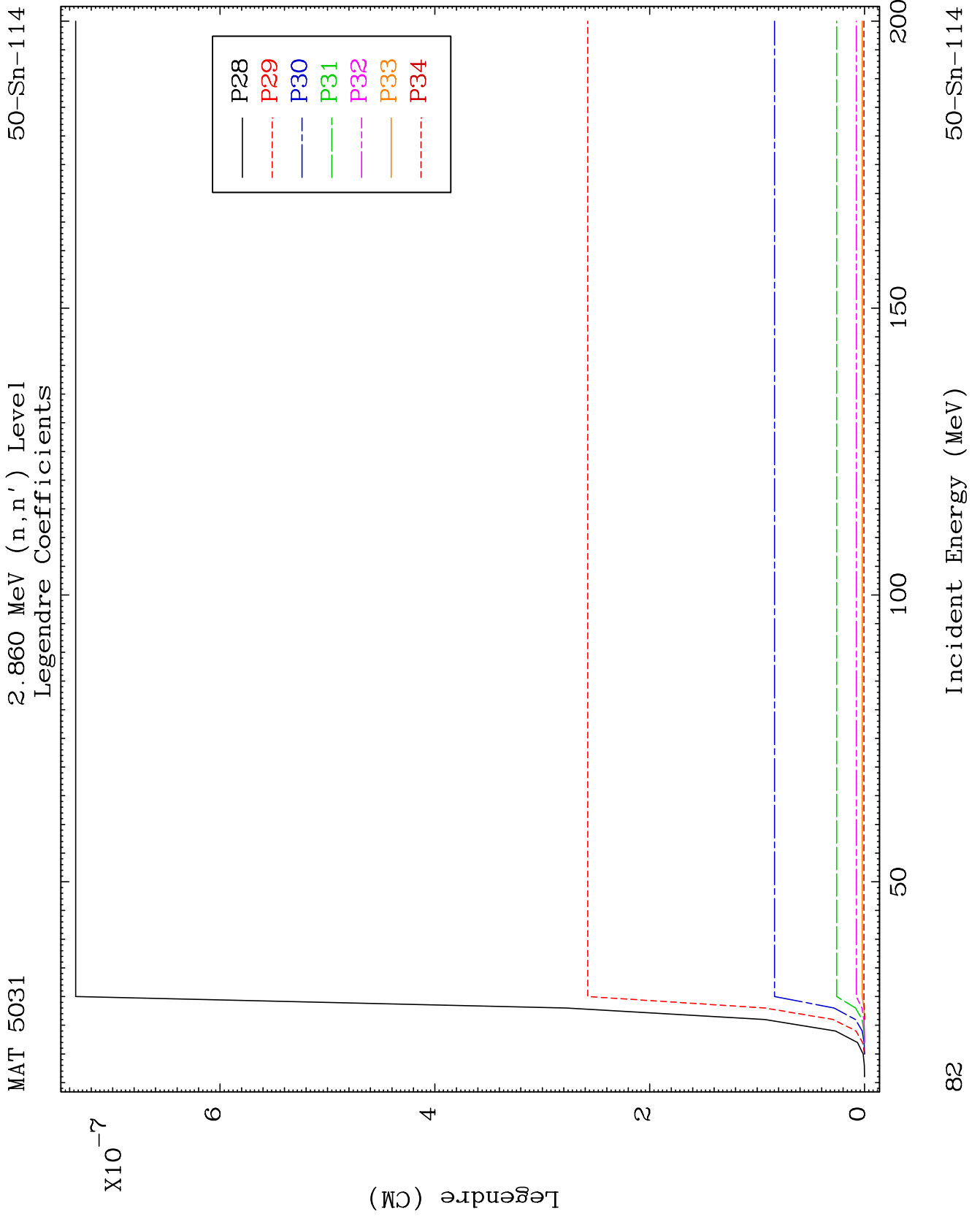


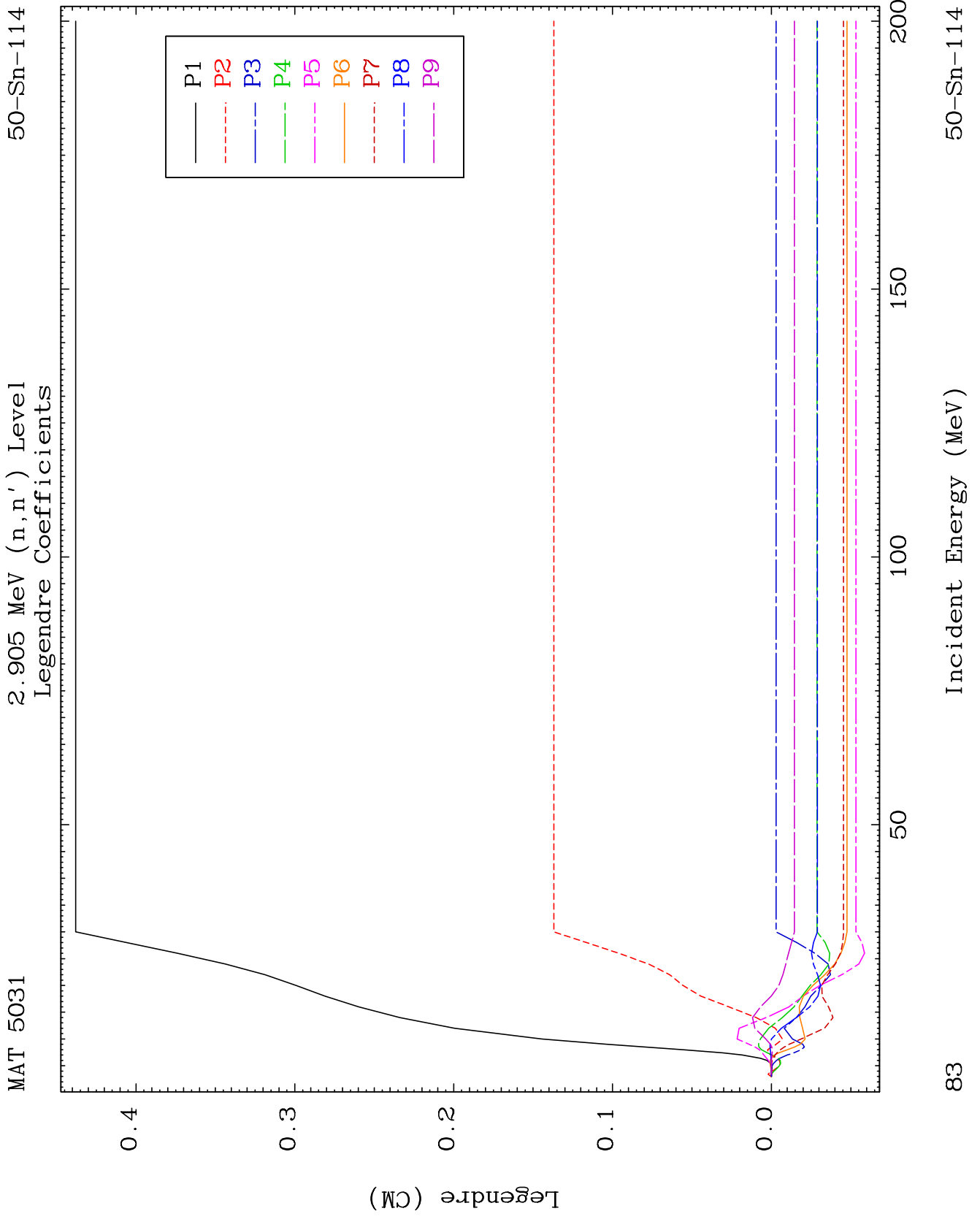




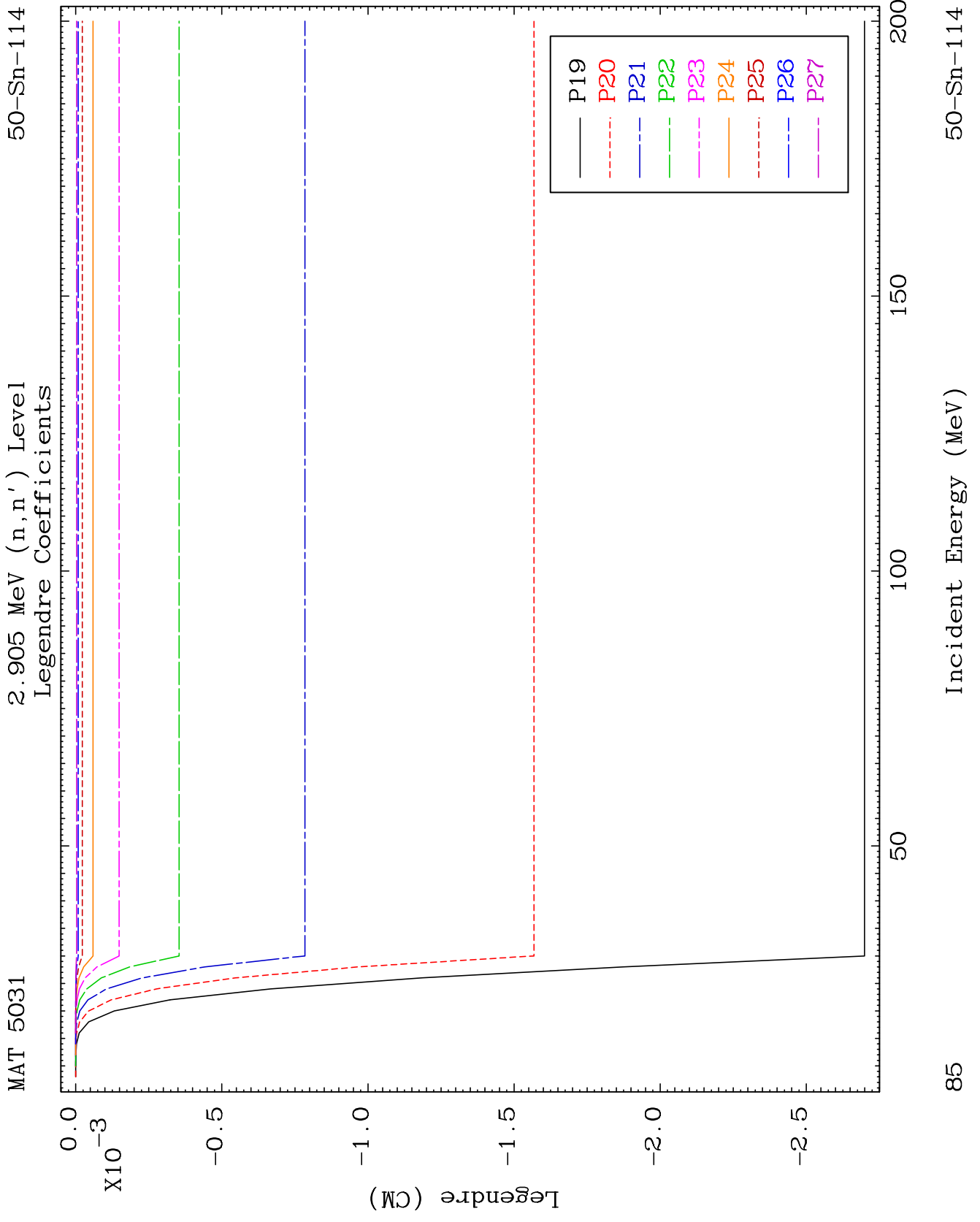


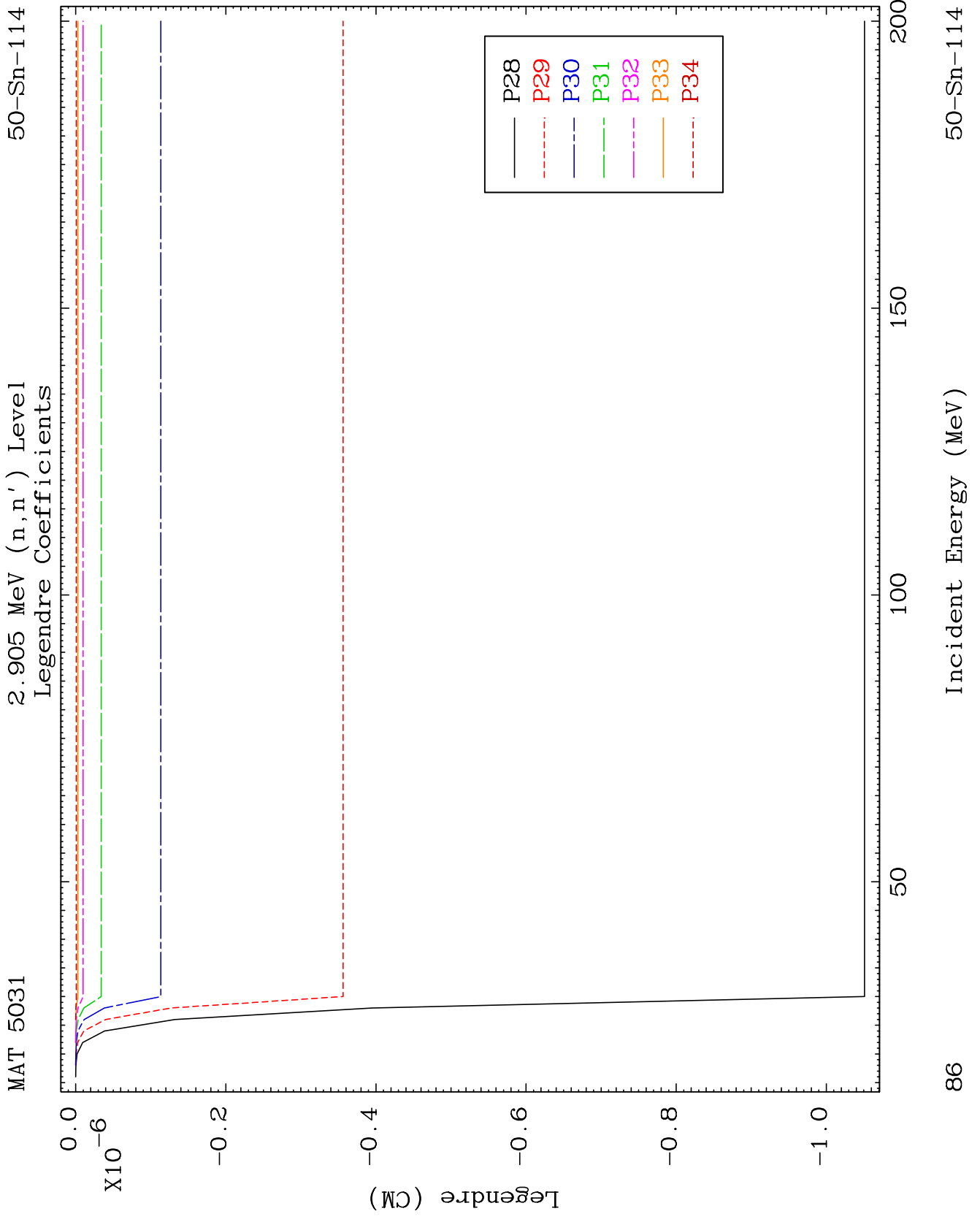


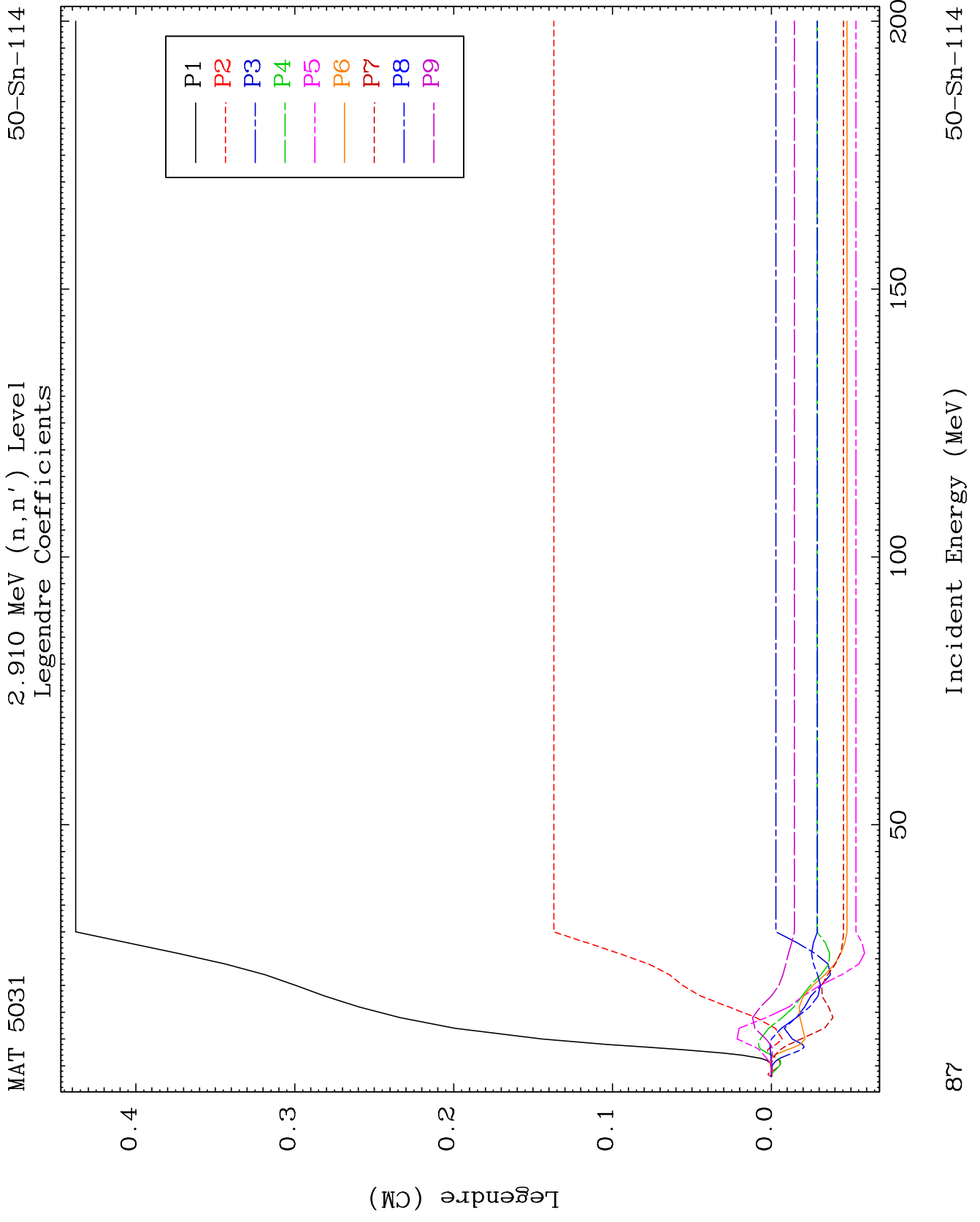






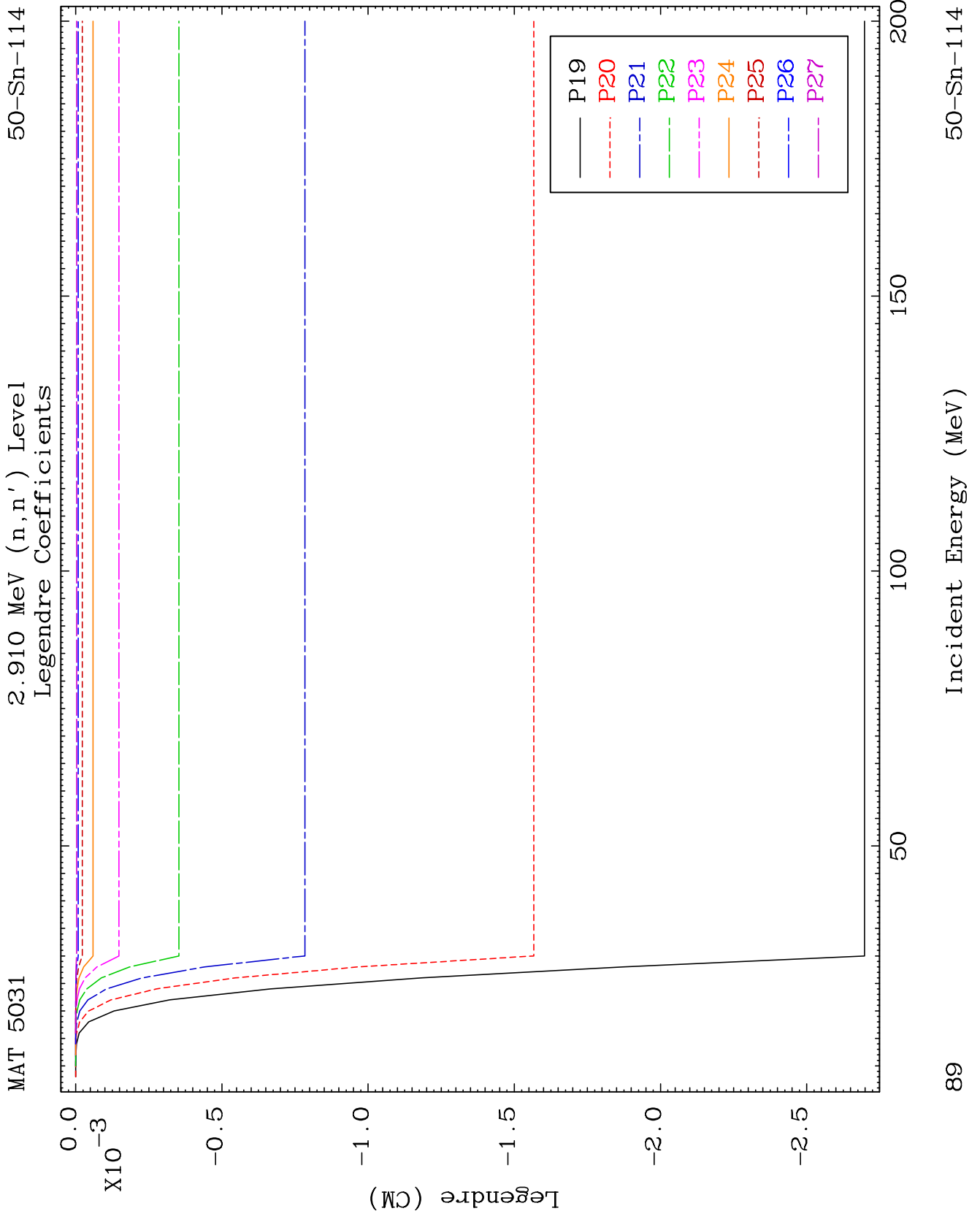


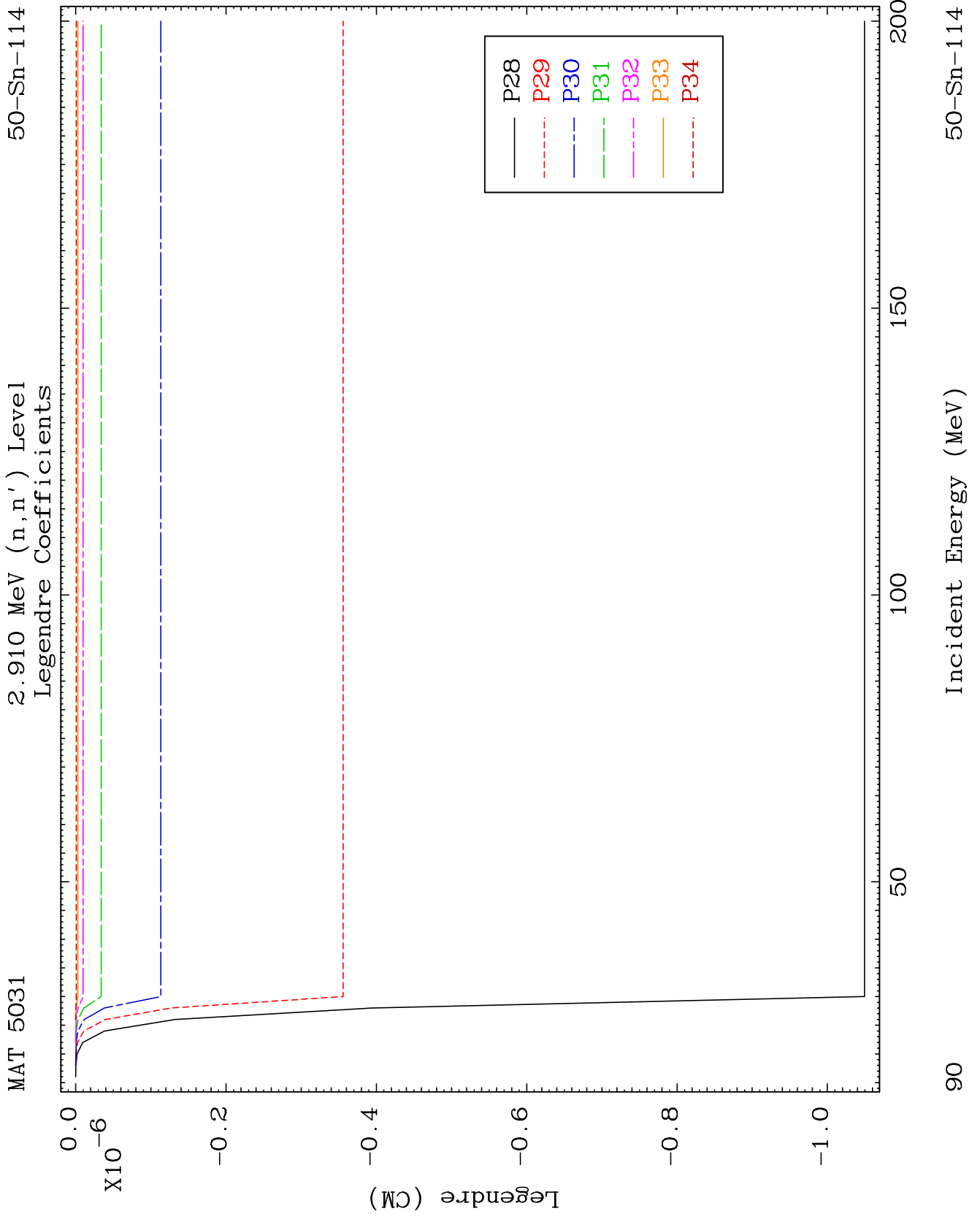


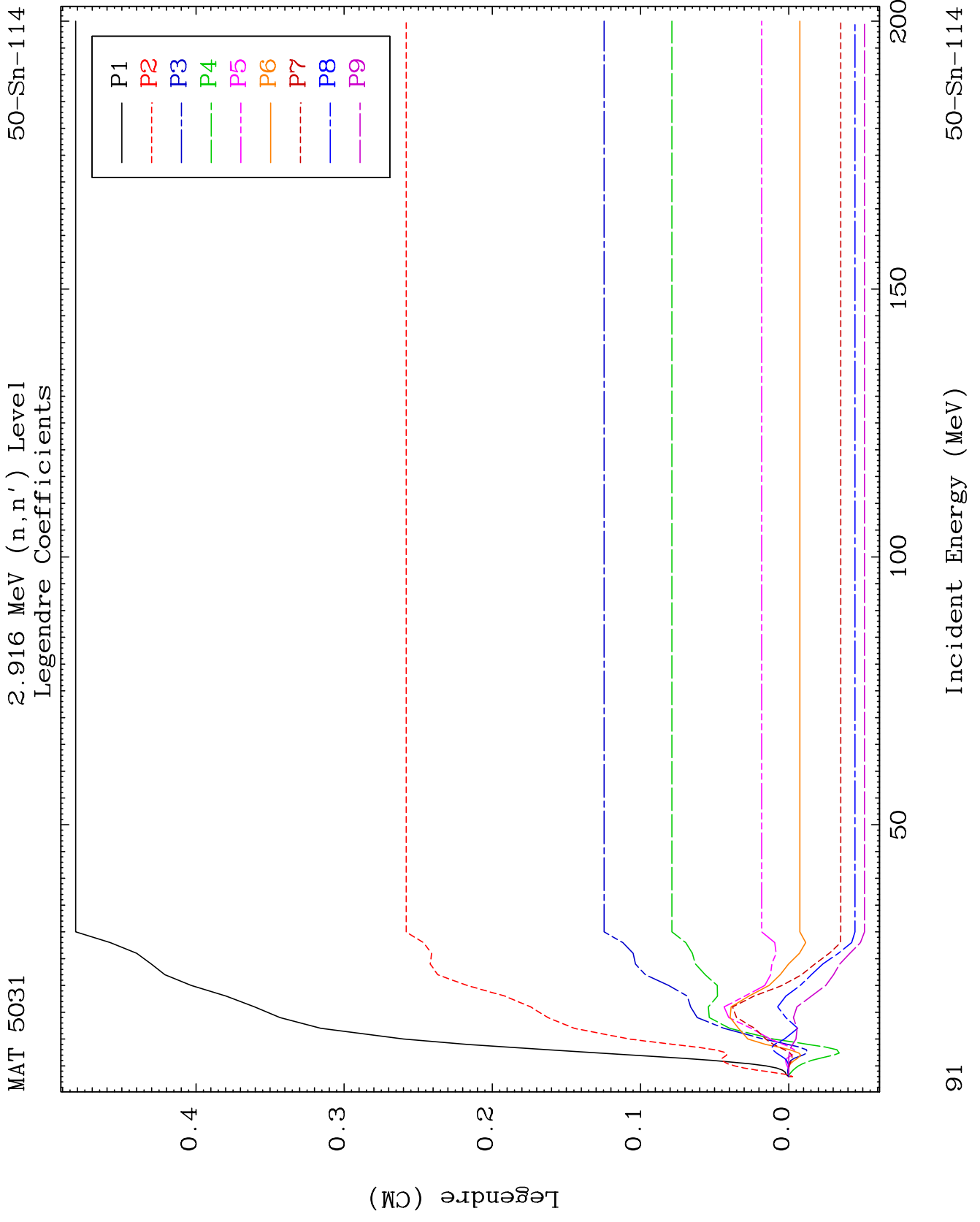


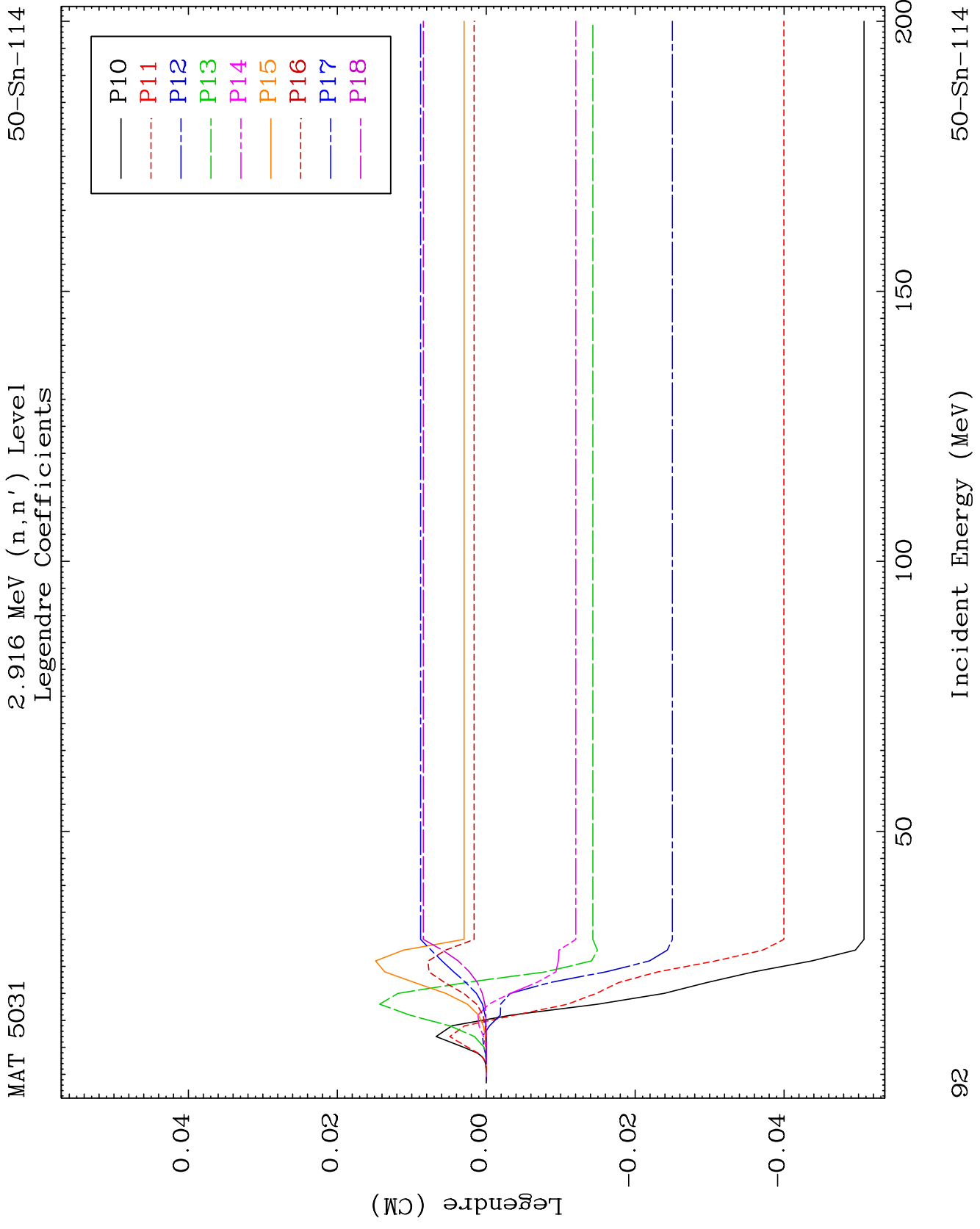




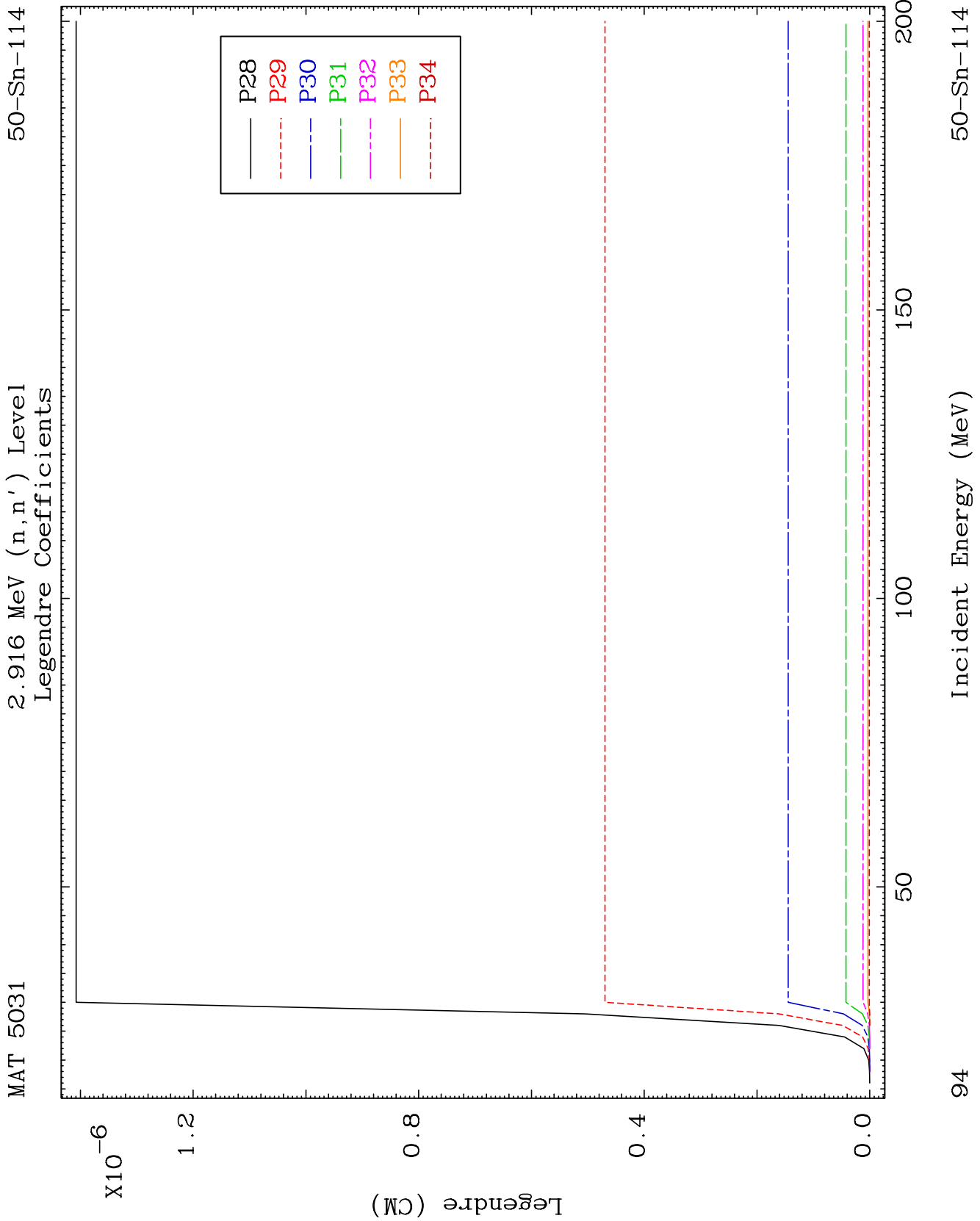


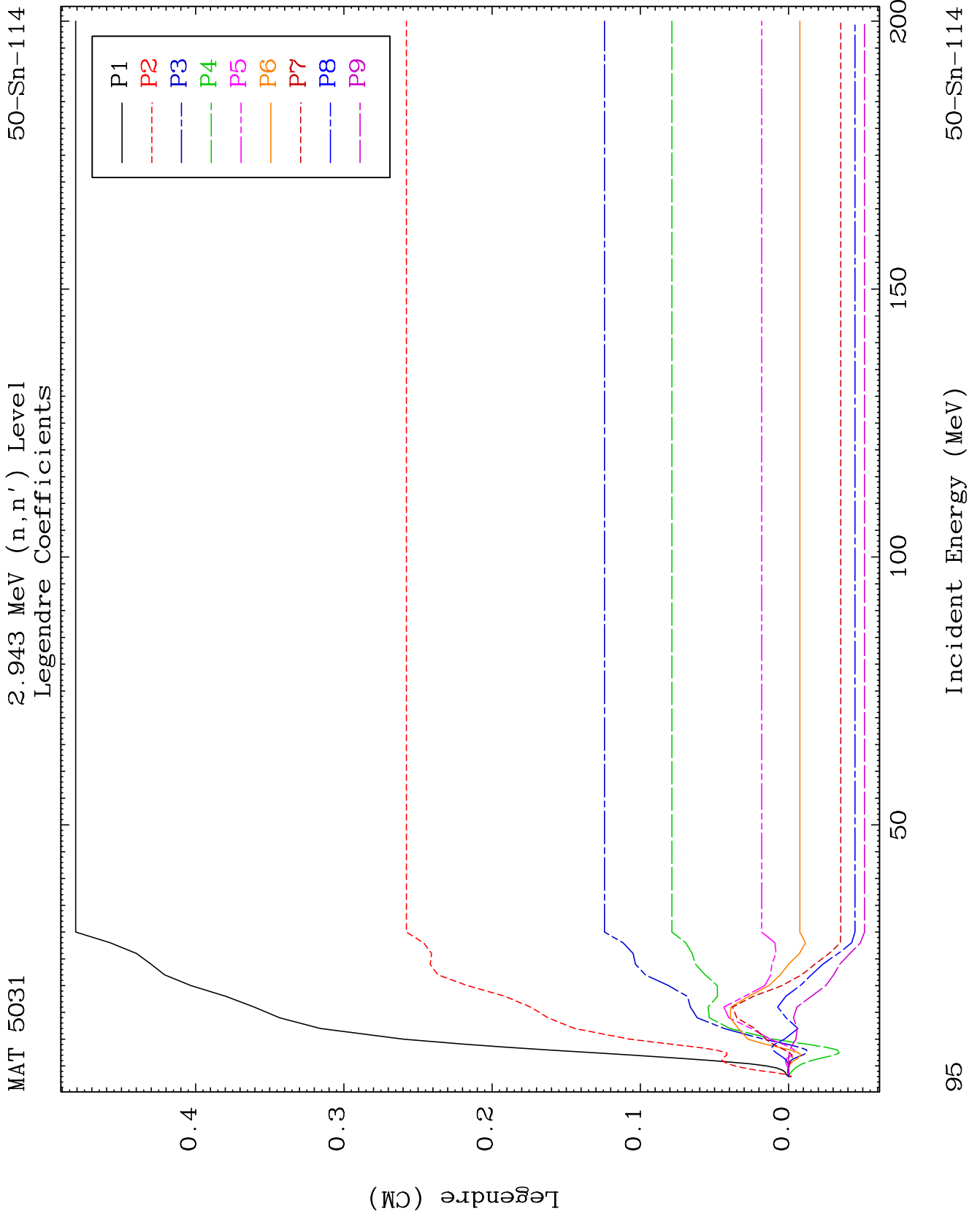










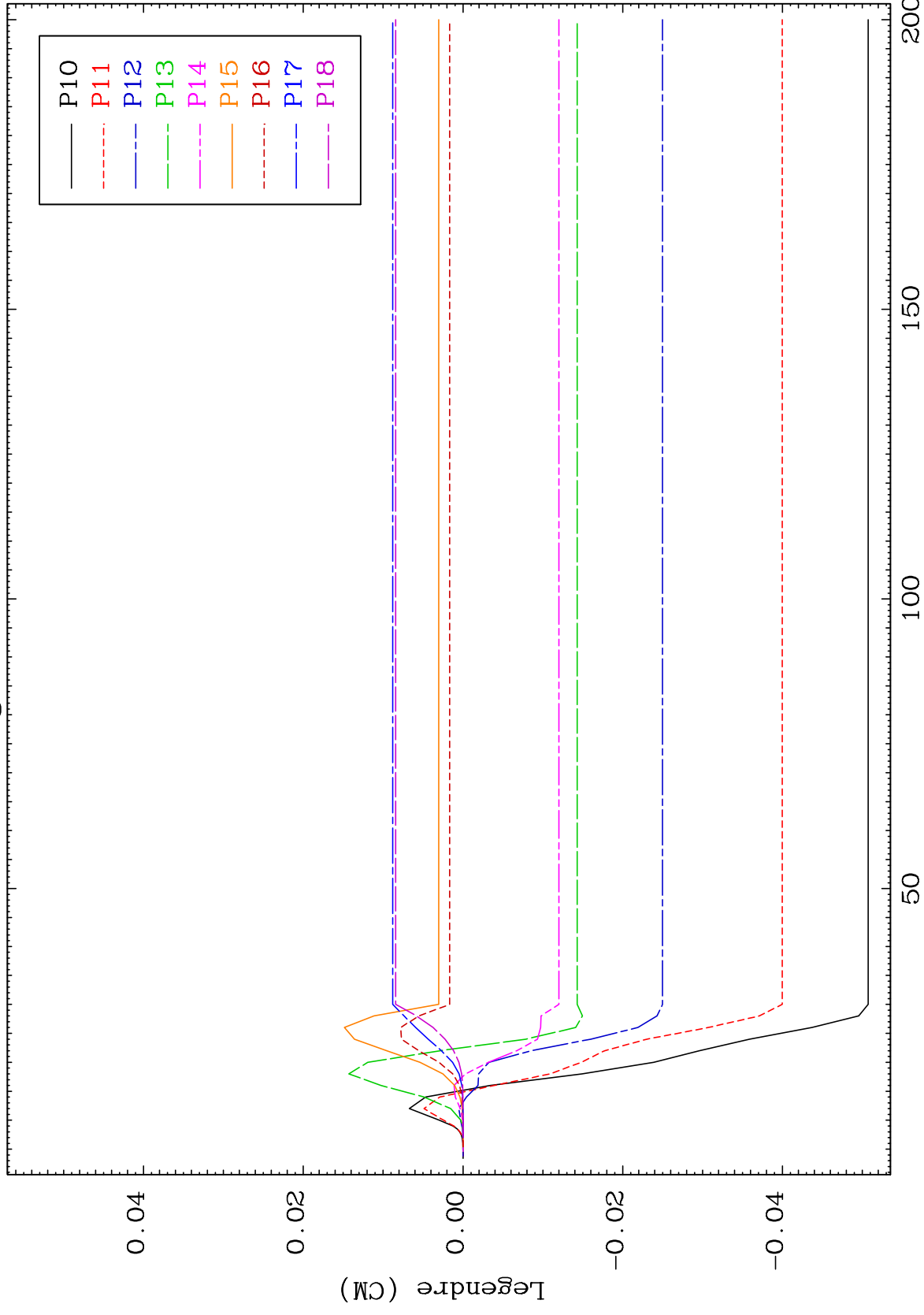




MAT 5031

2.943 MeV (n,n') Level  
Legendre Coefficients

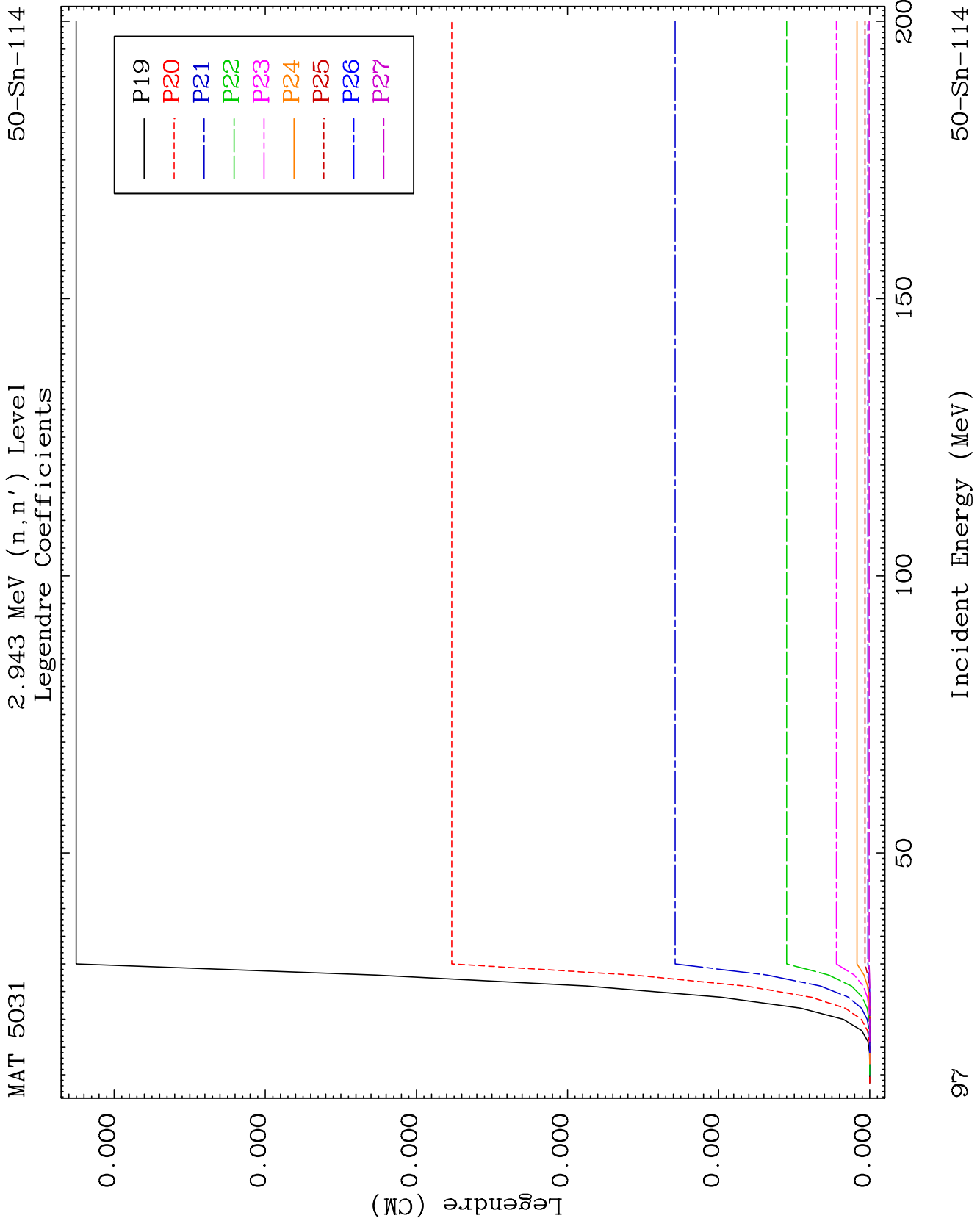
50-Sn-114

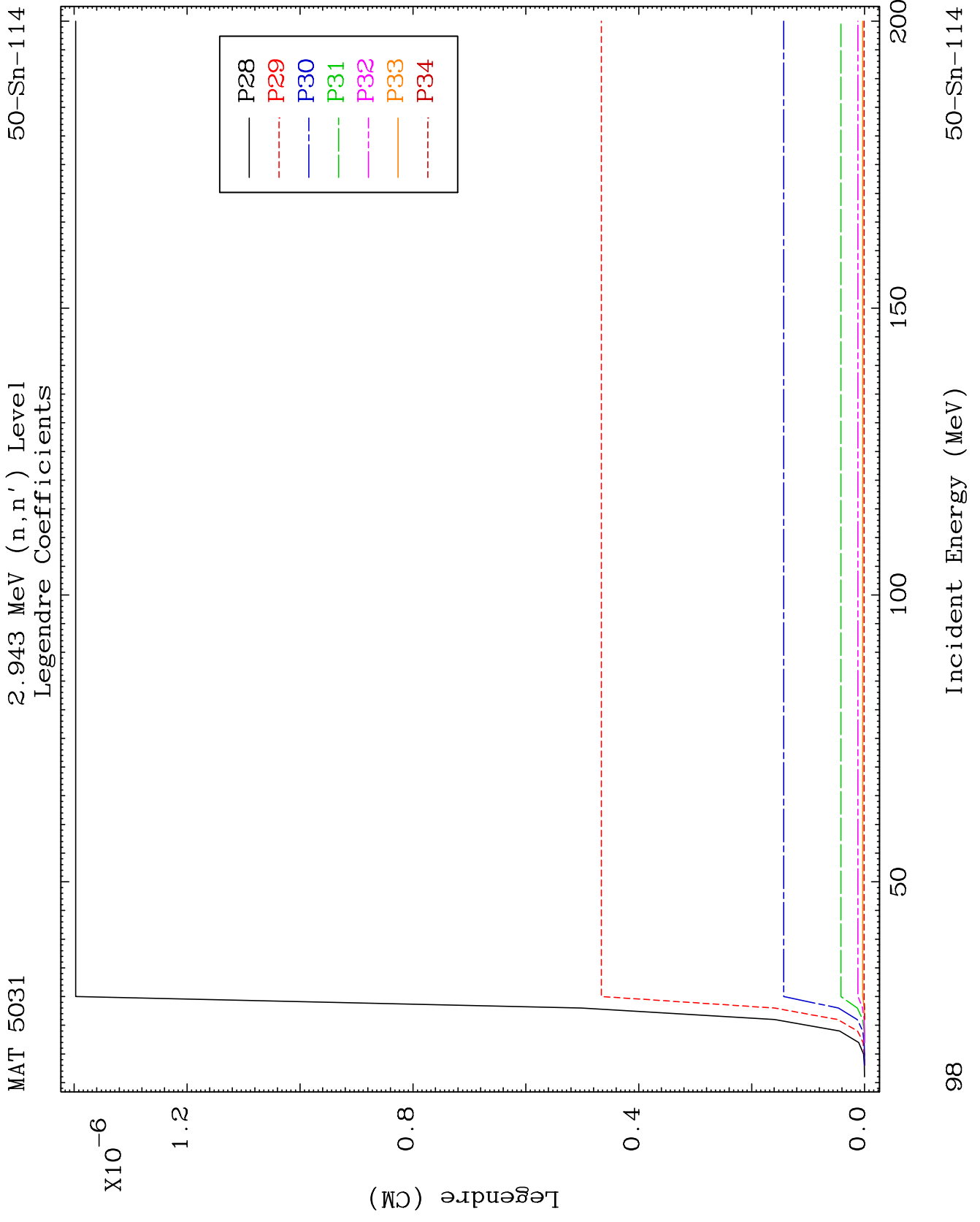


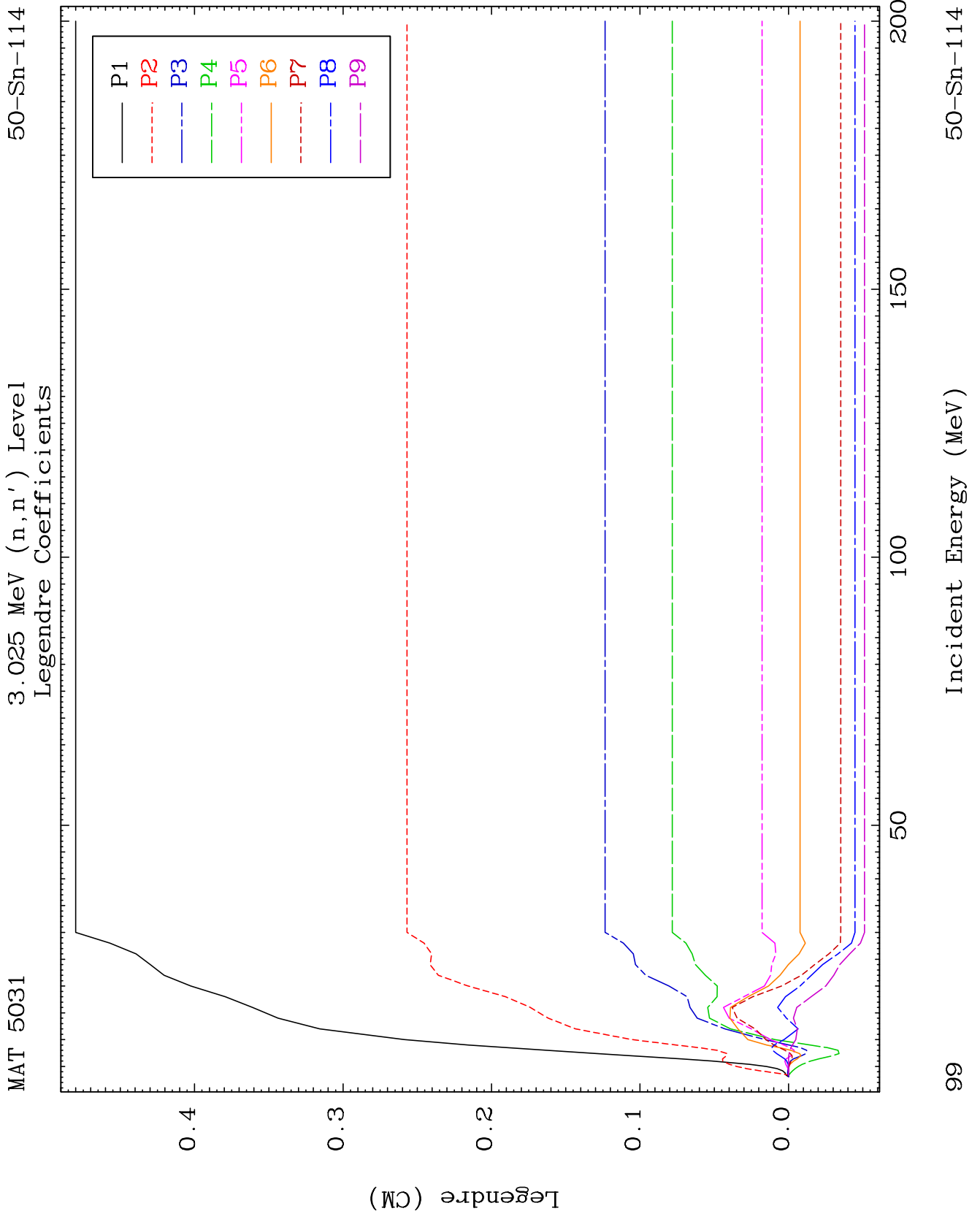
96

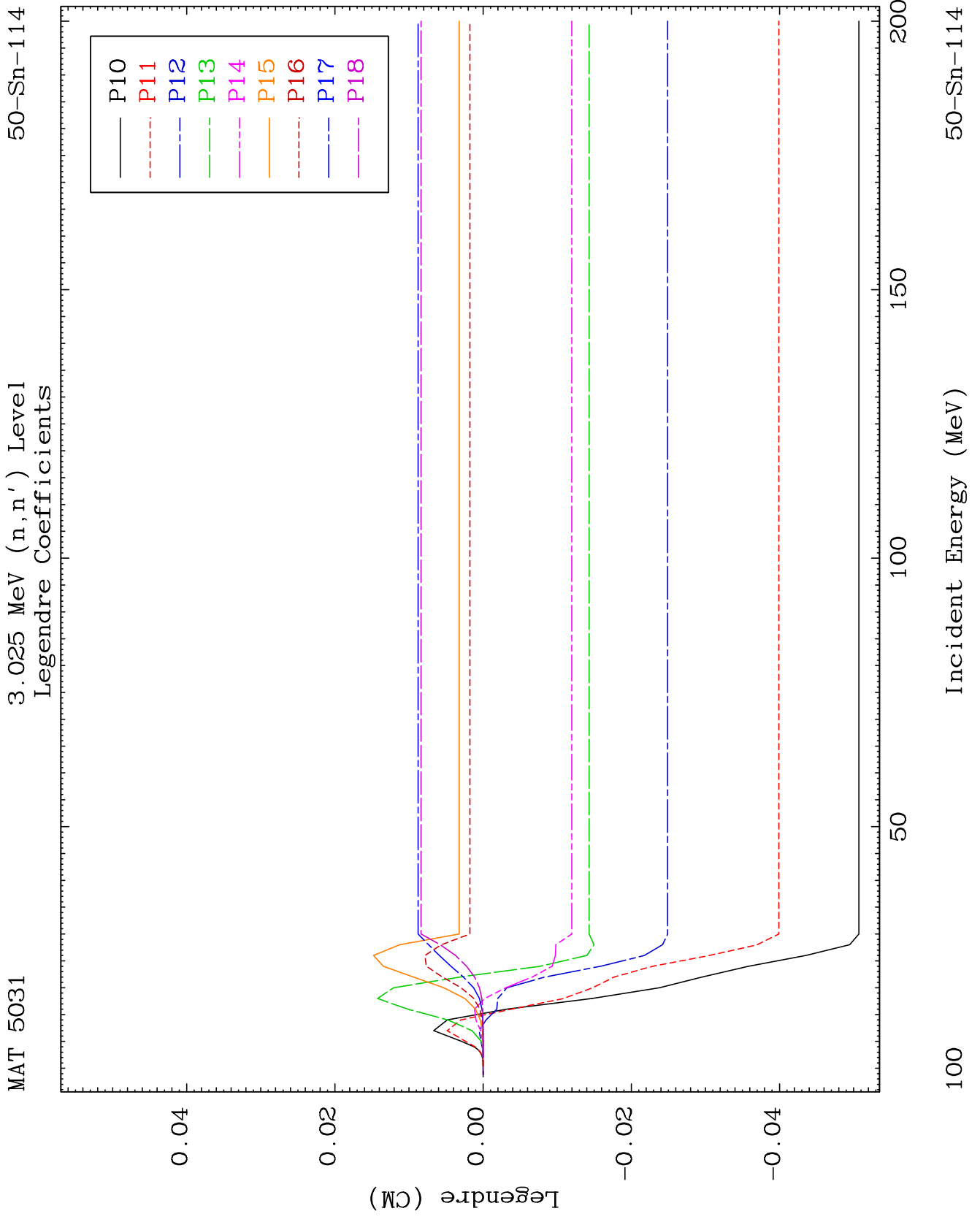
Incident Energy (MeV)

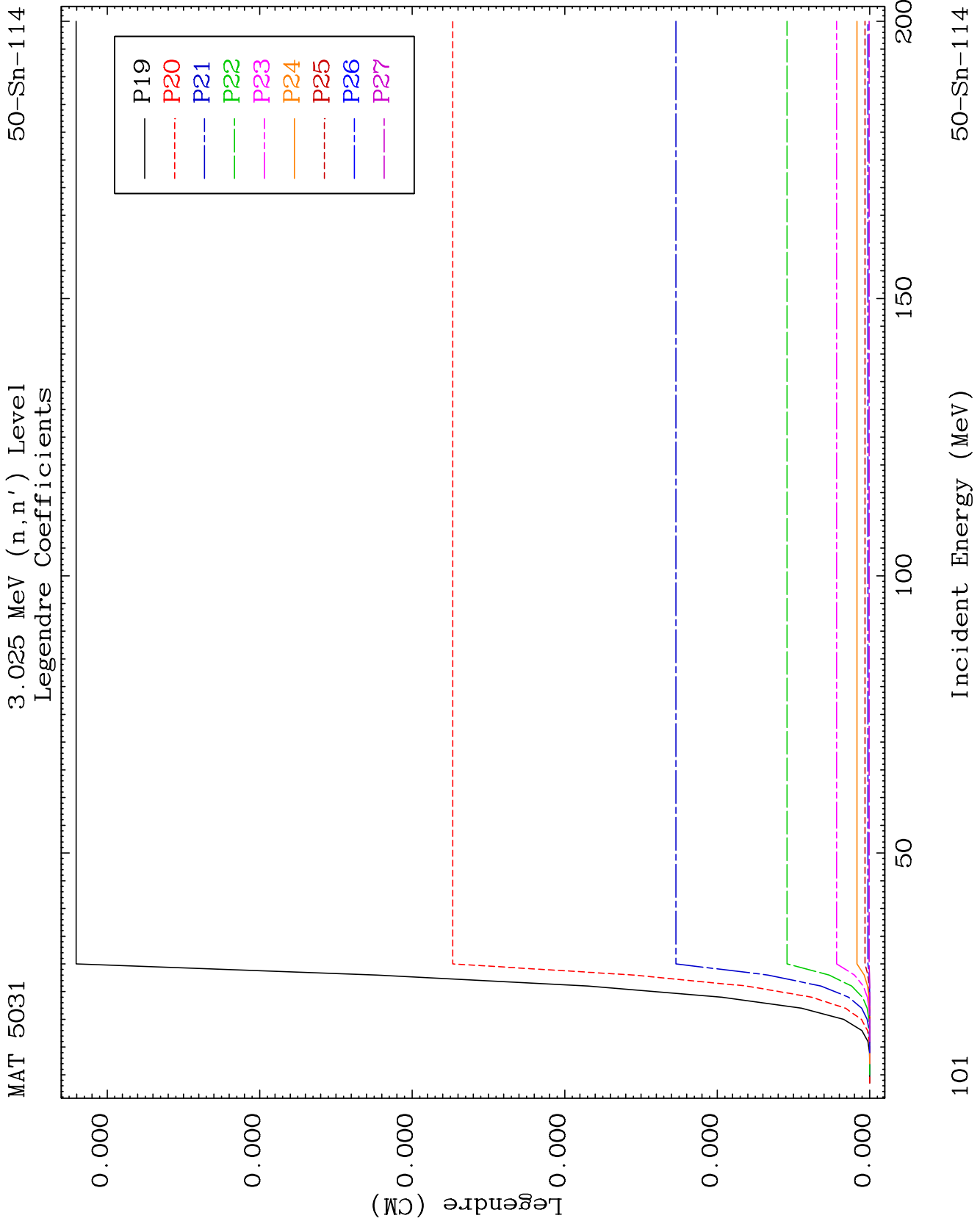
50-Sn-114

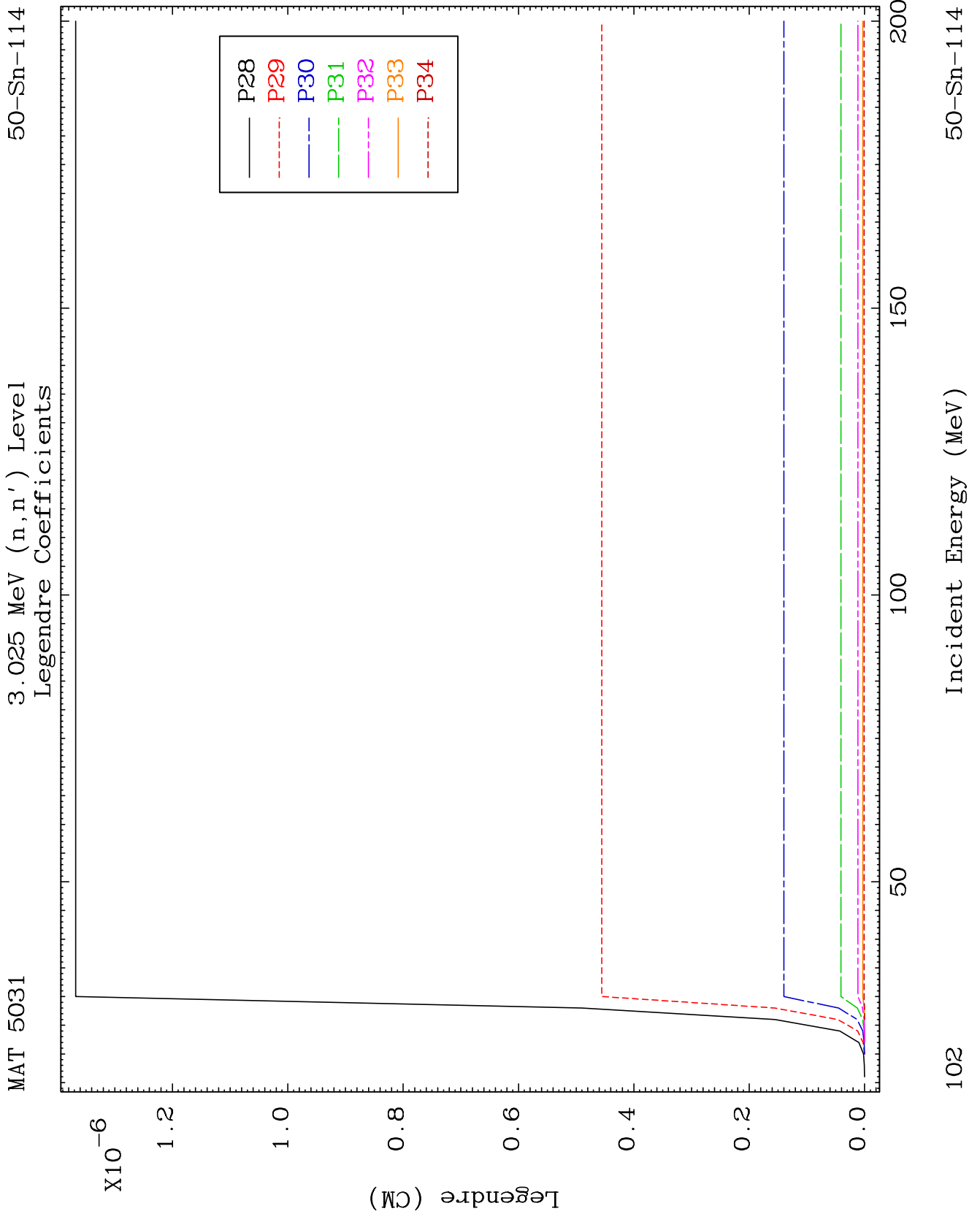


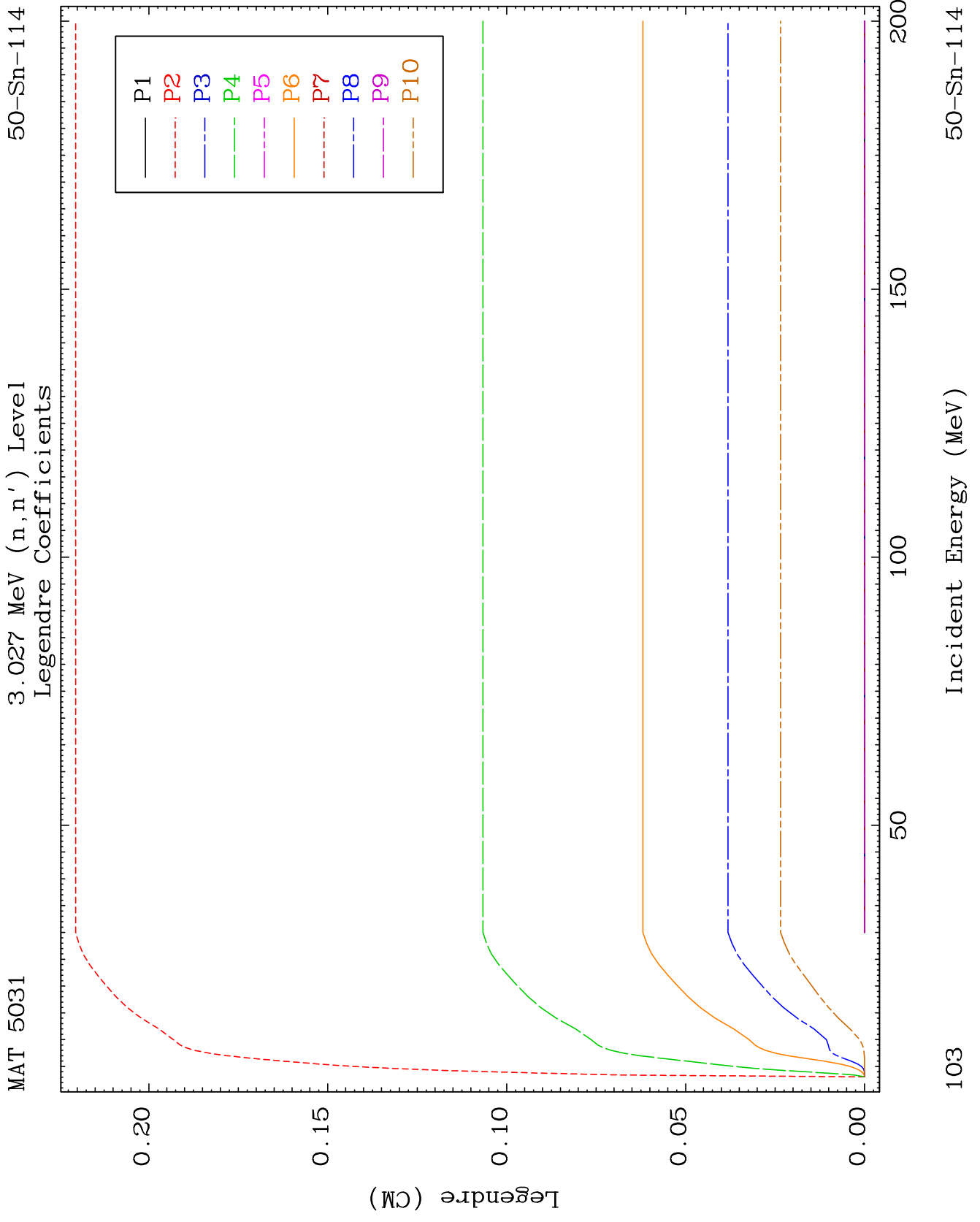




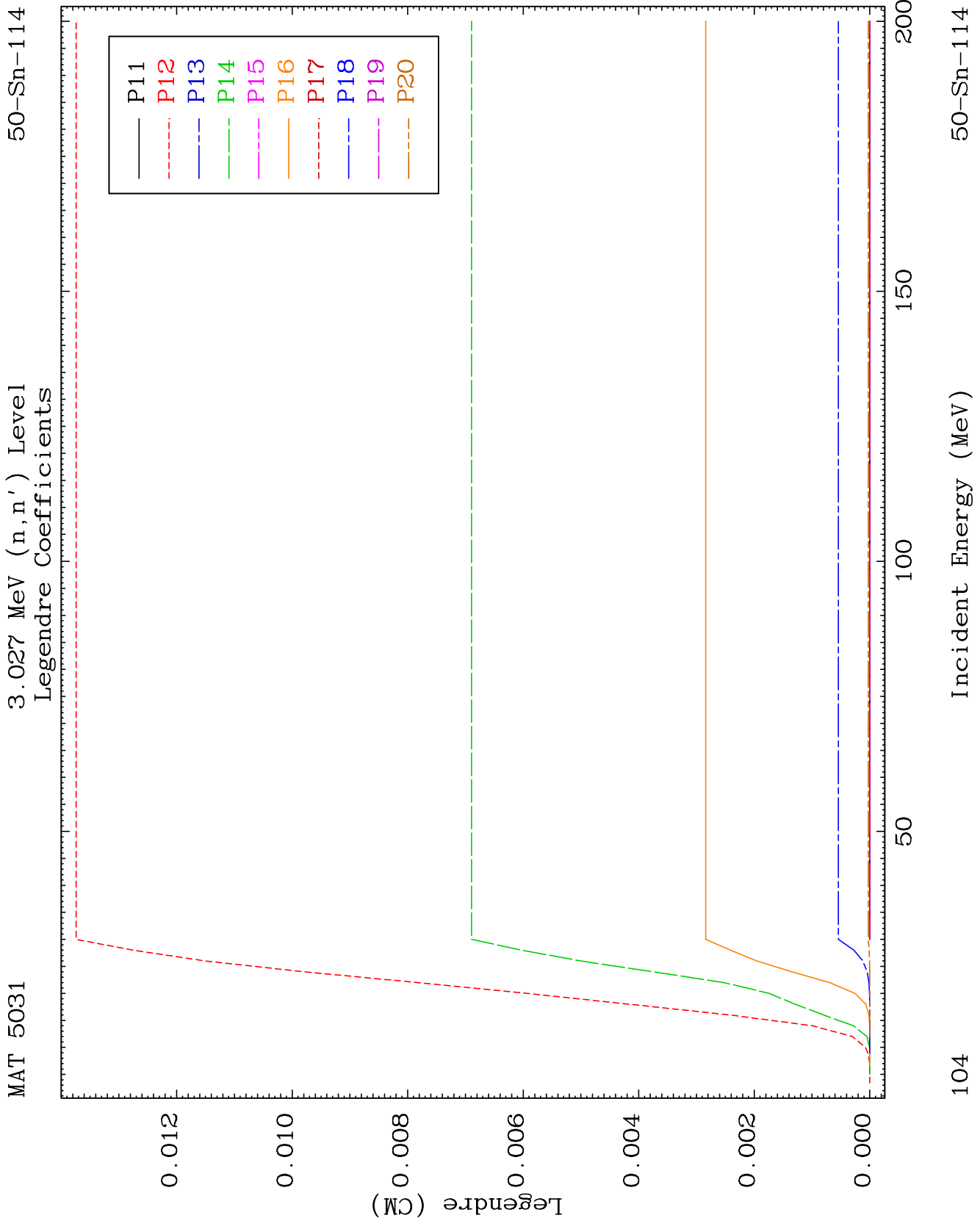


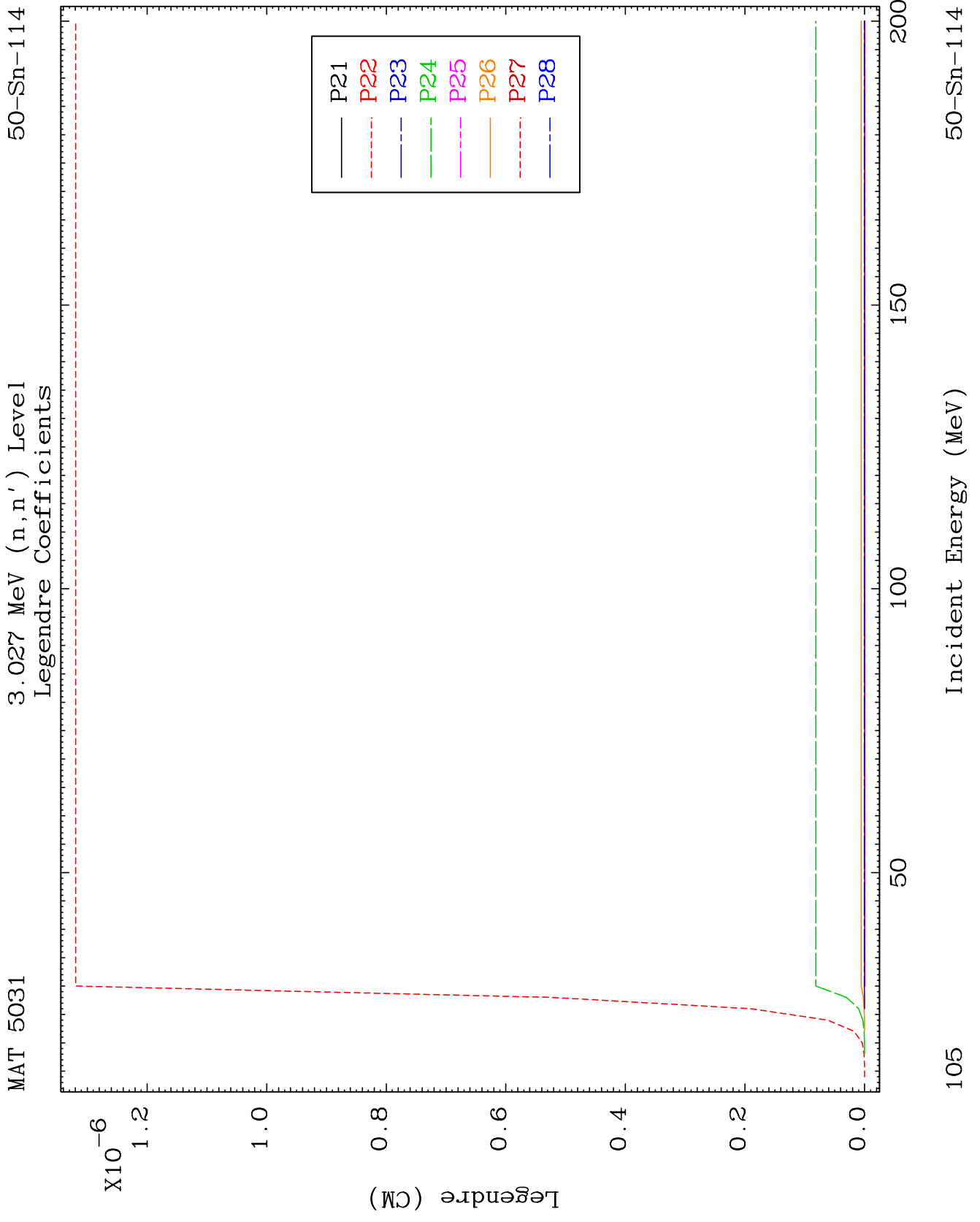


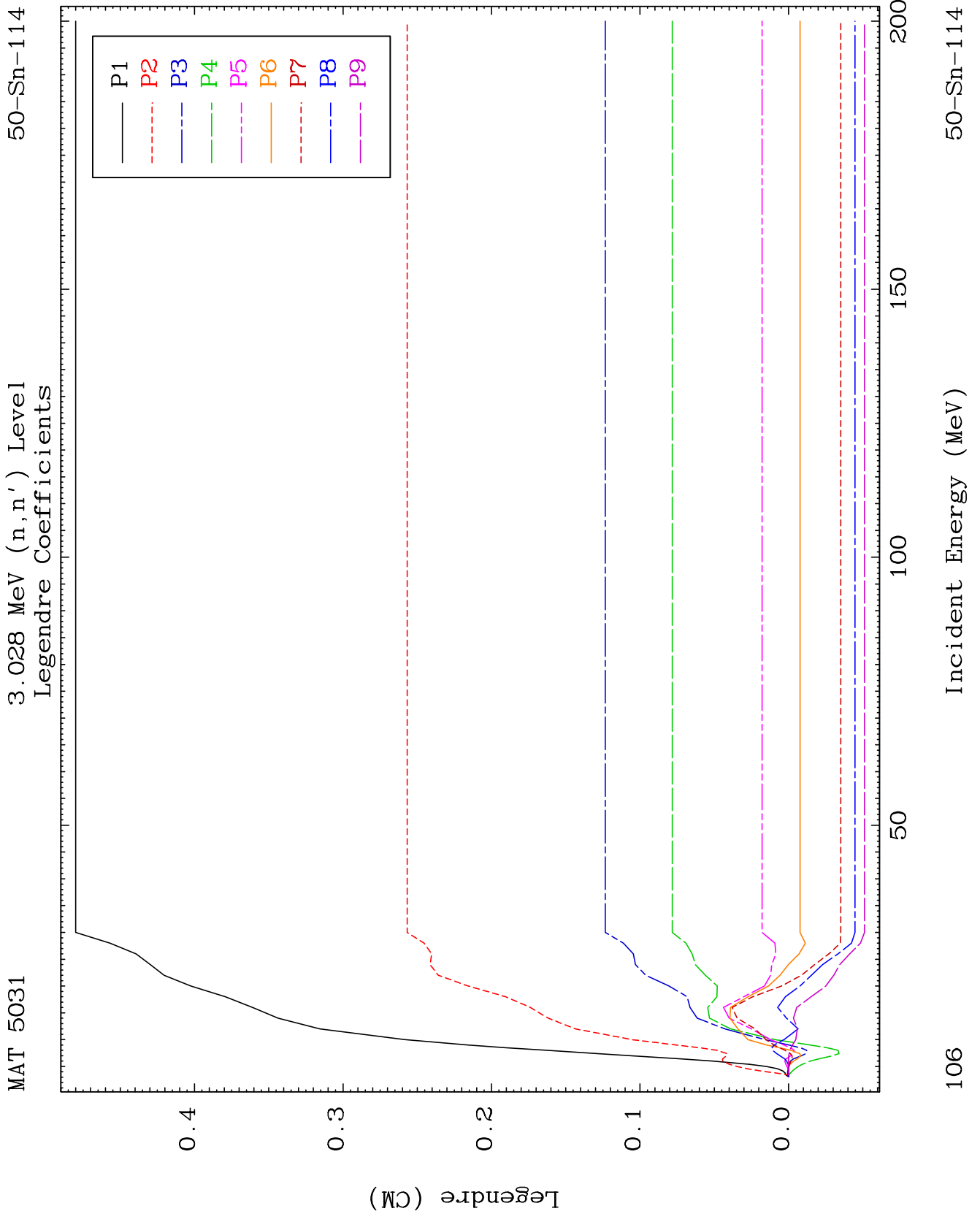


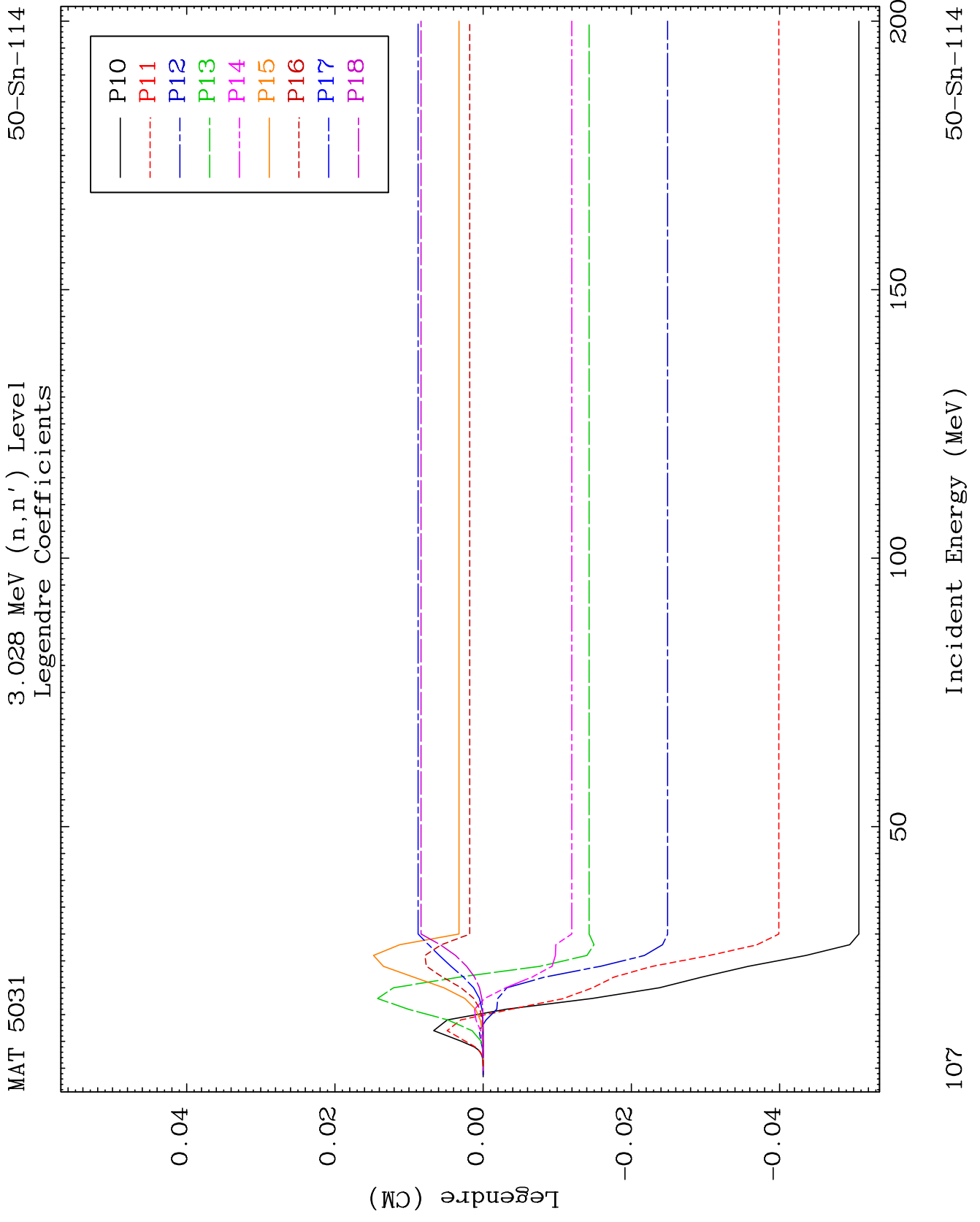


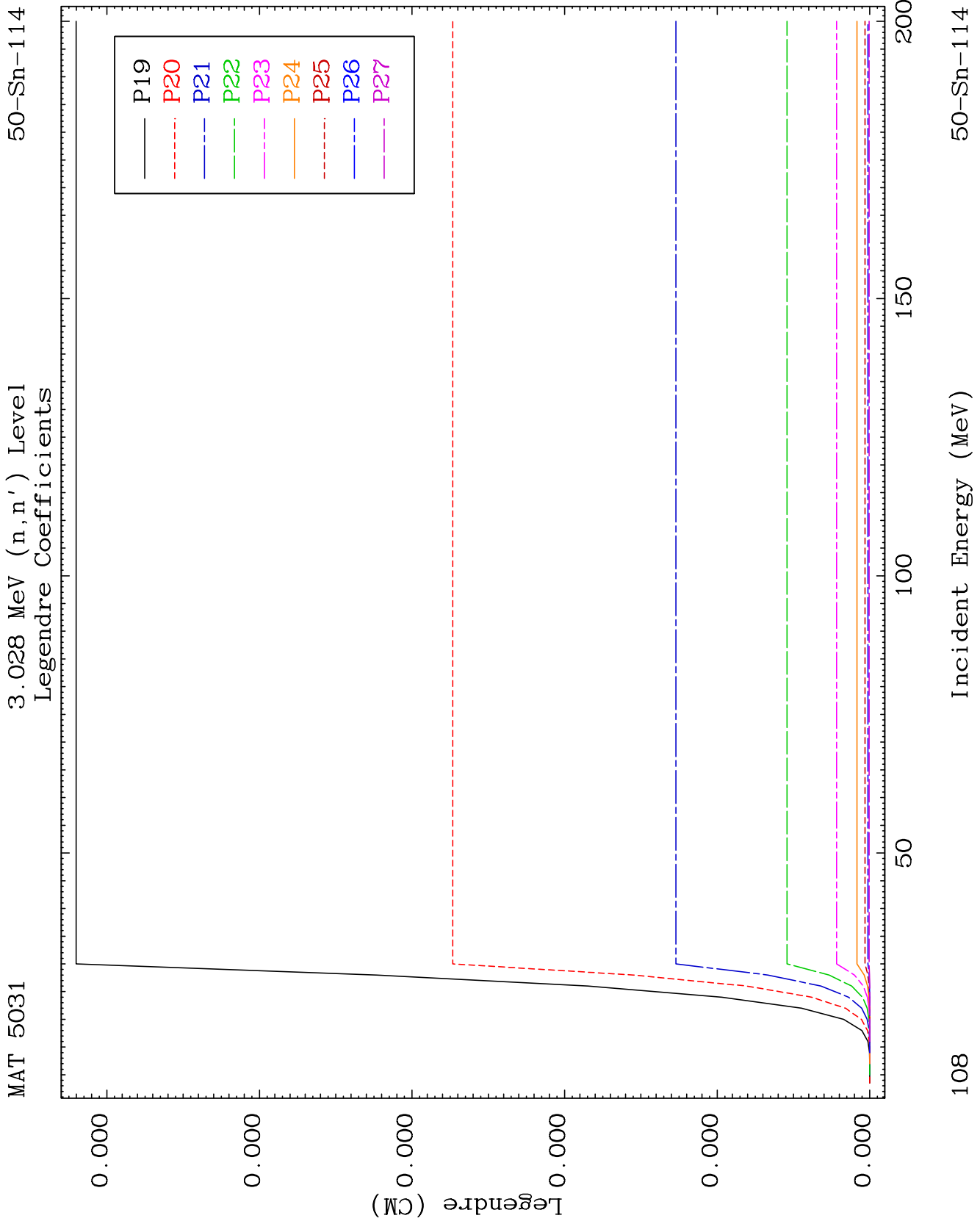


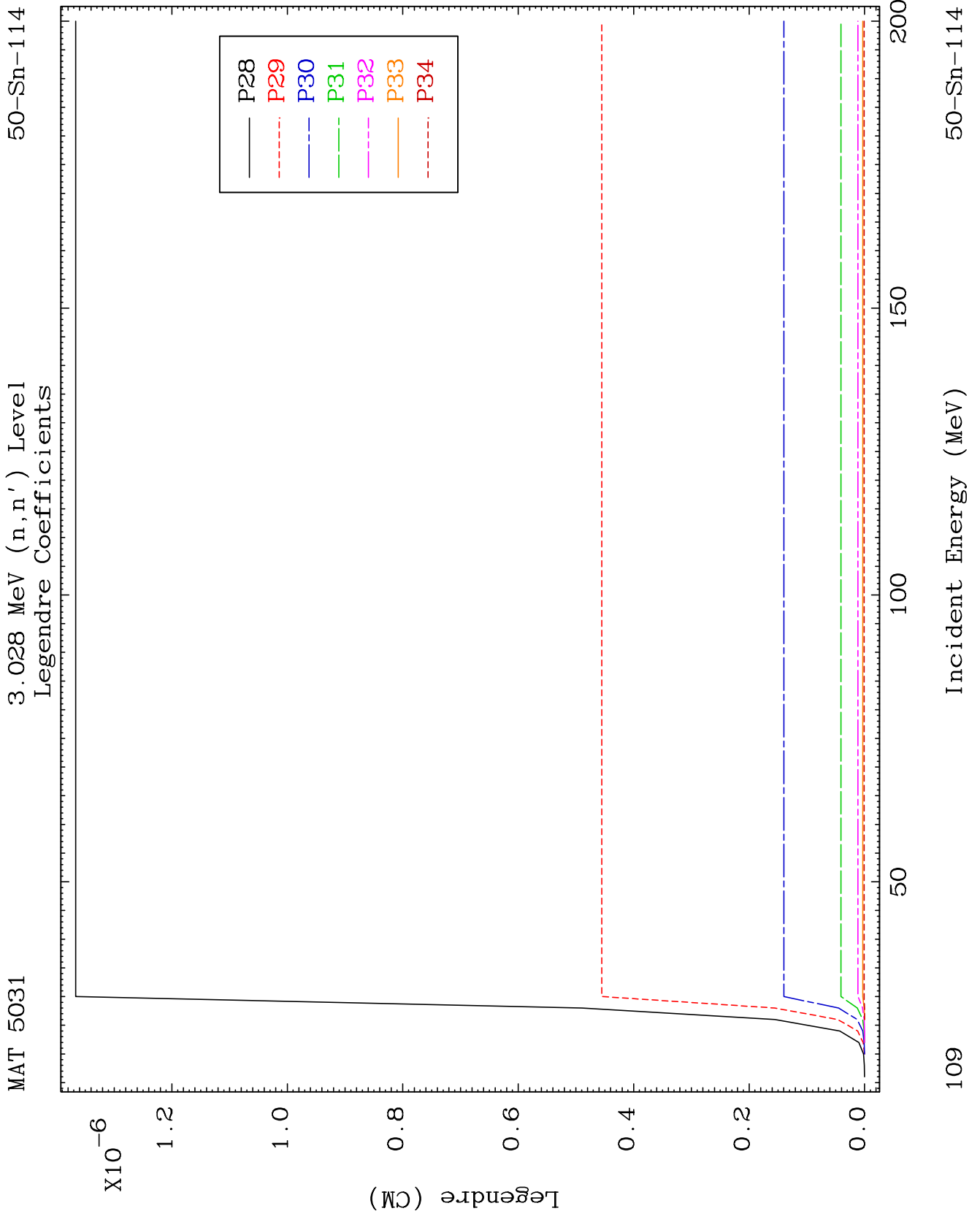




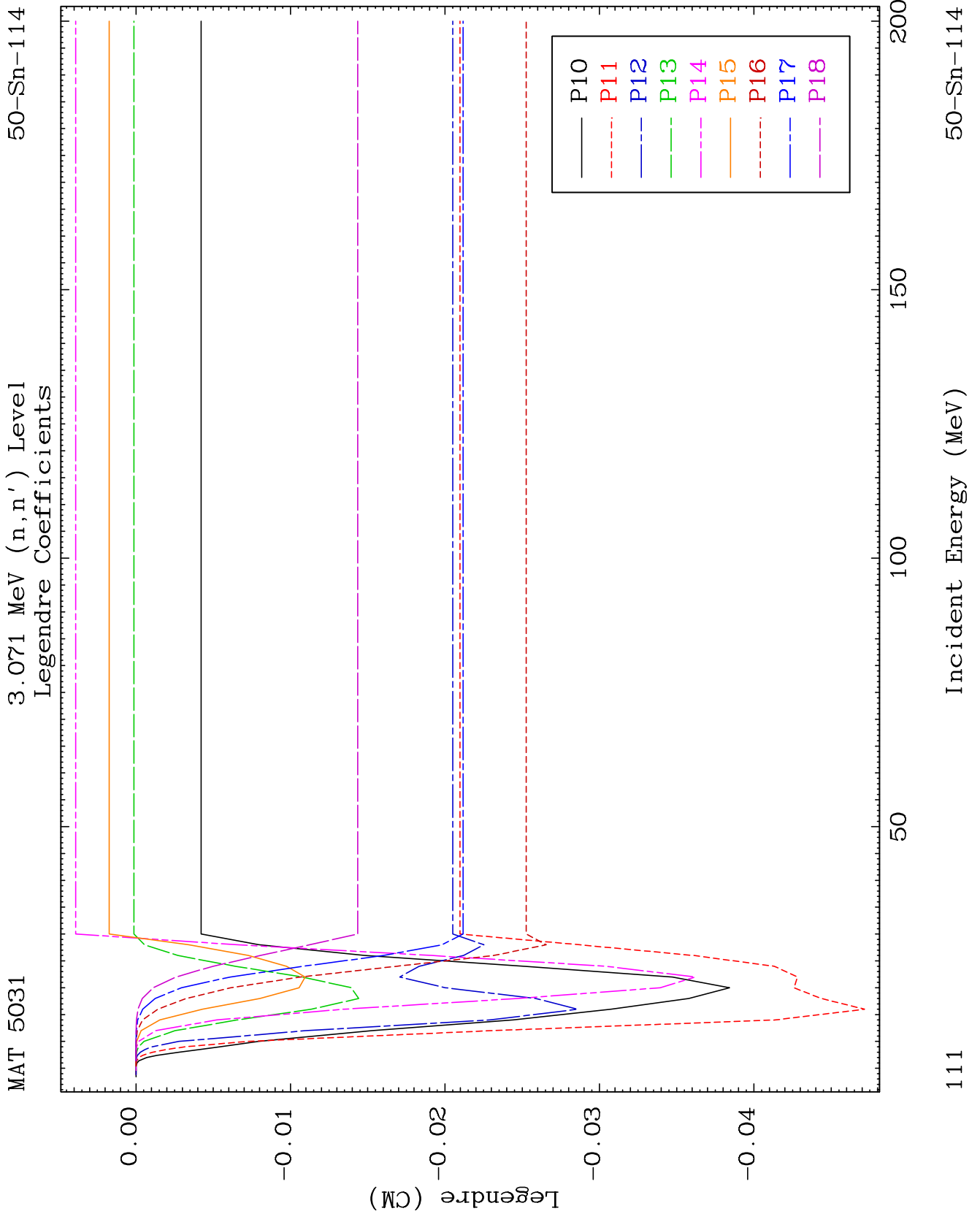




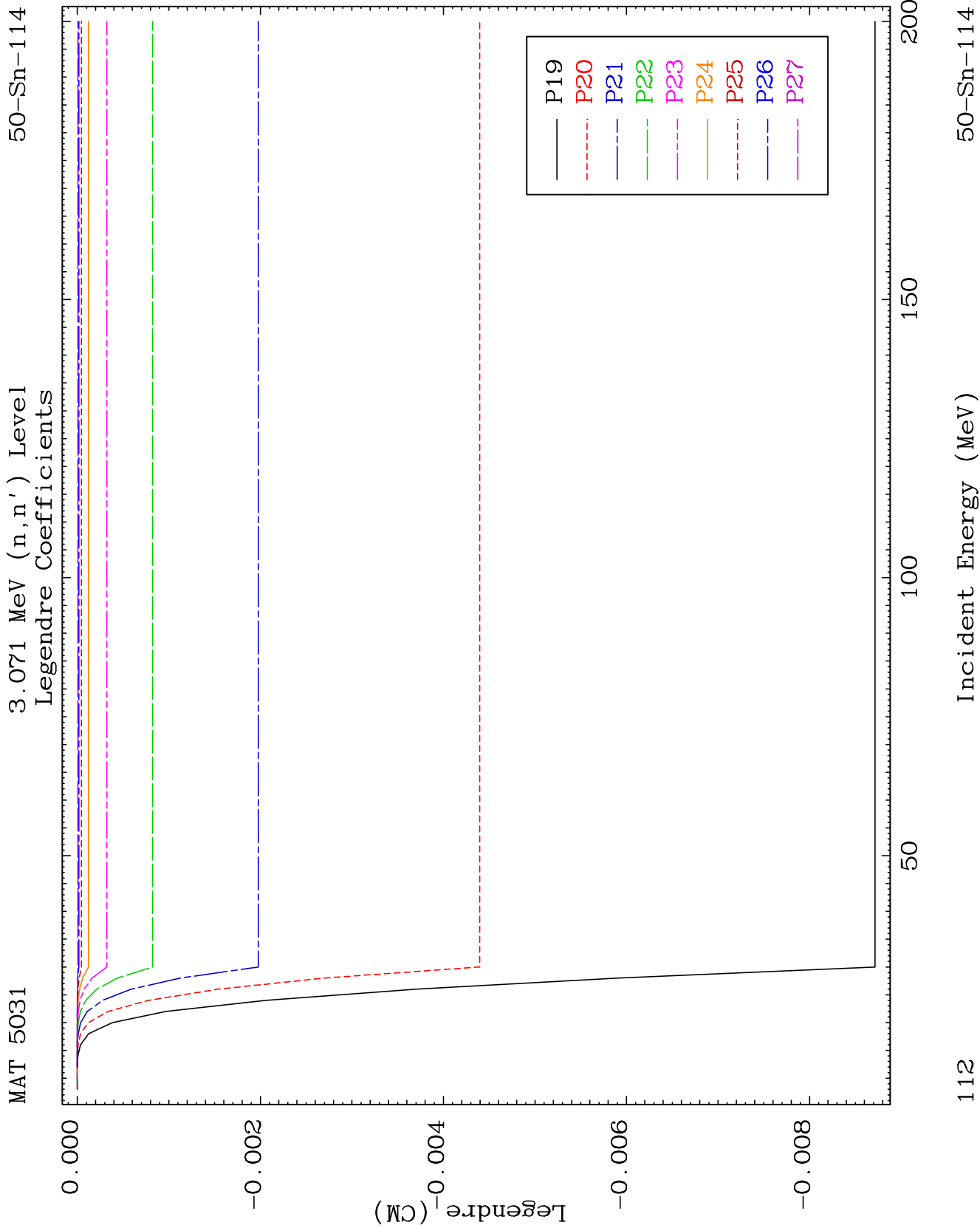


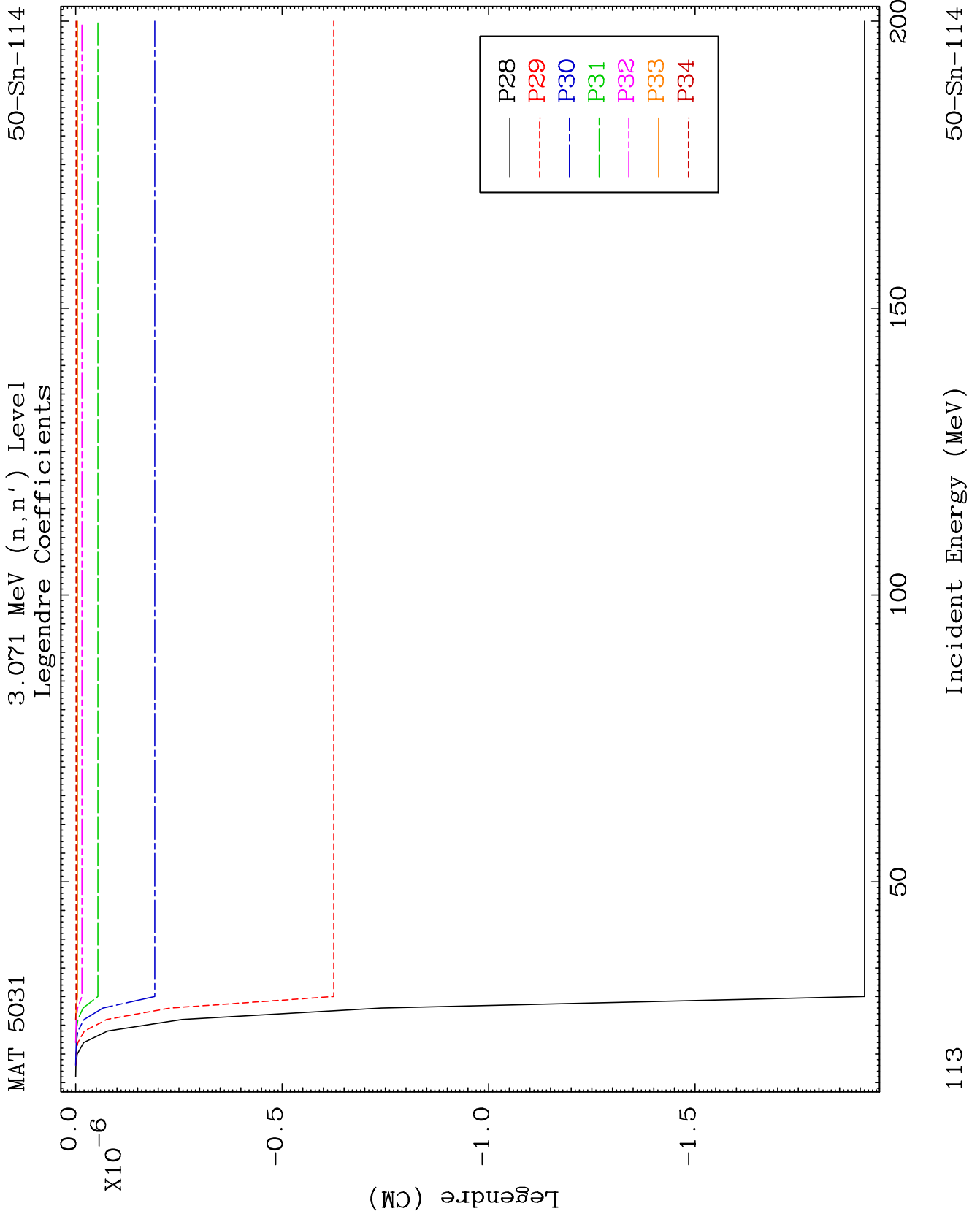




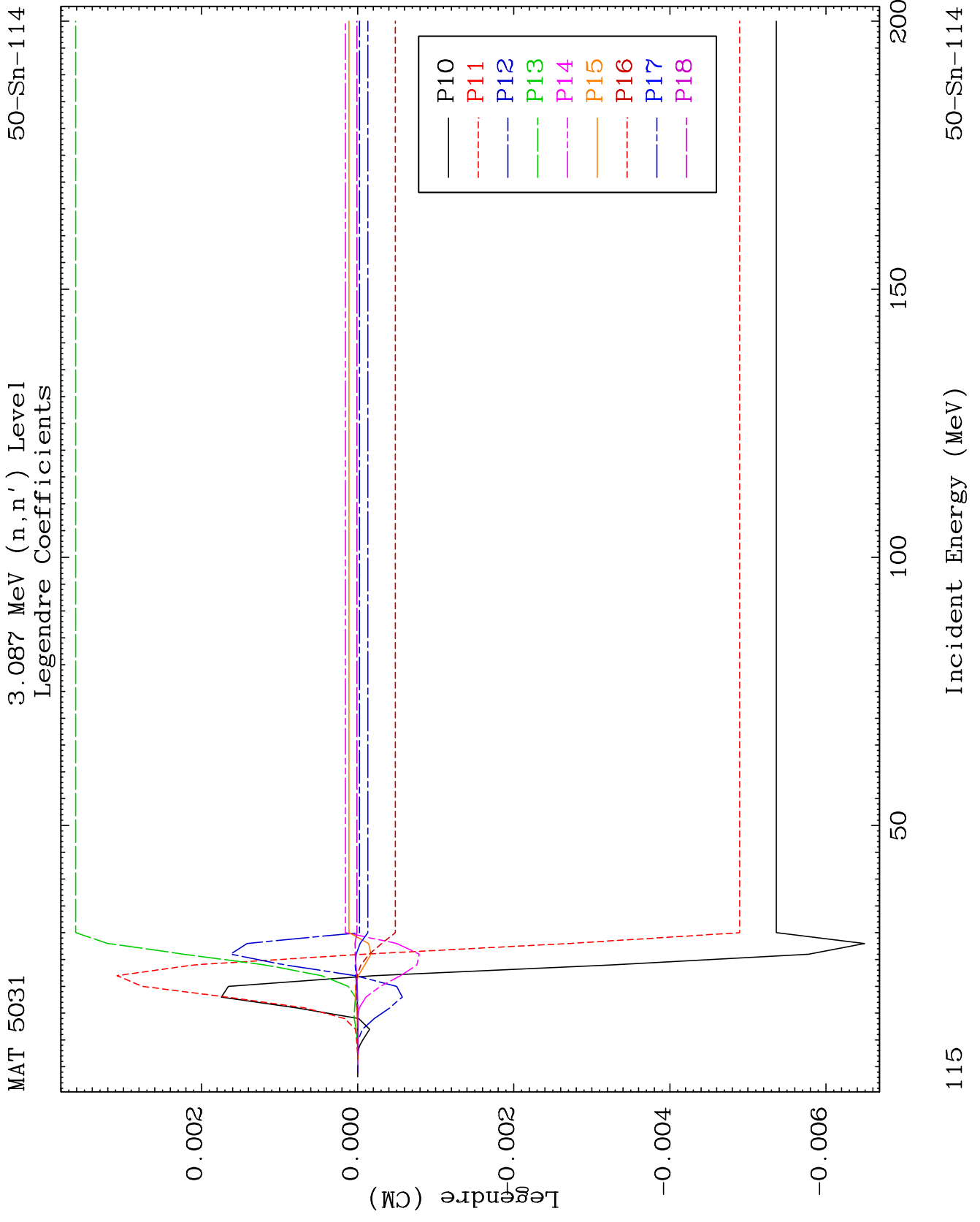








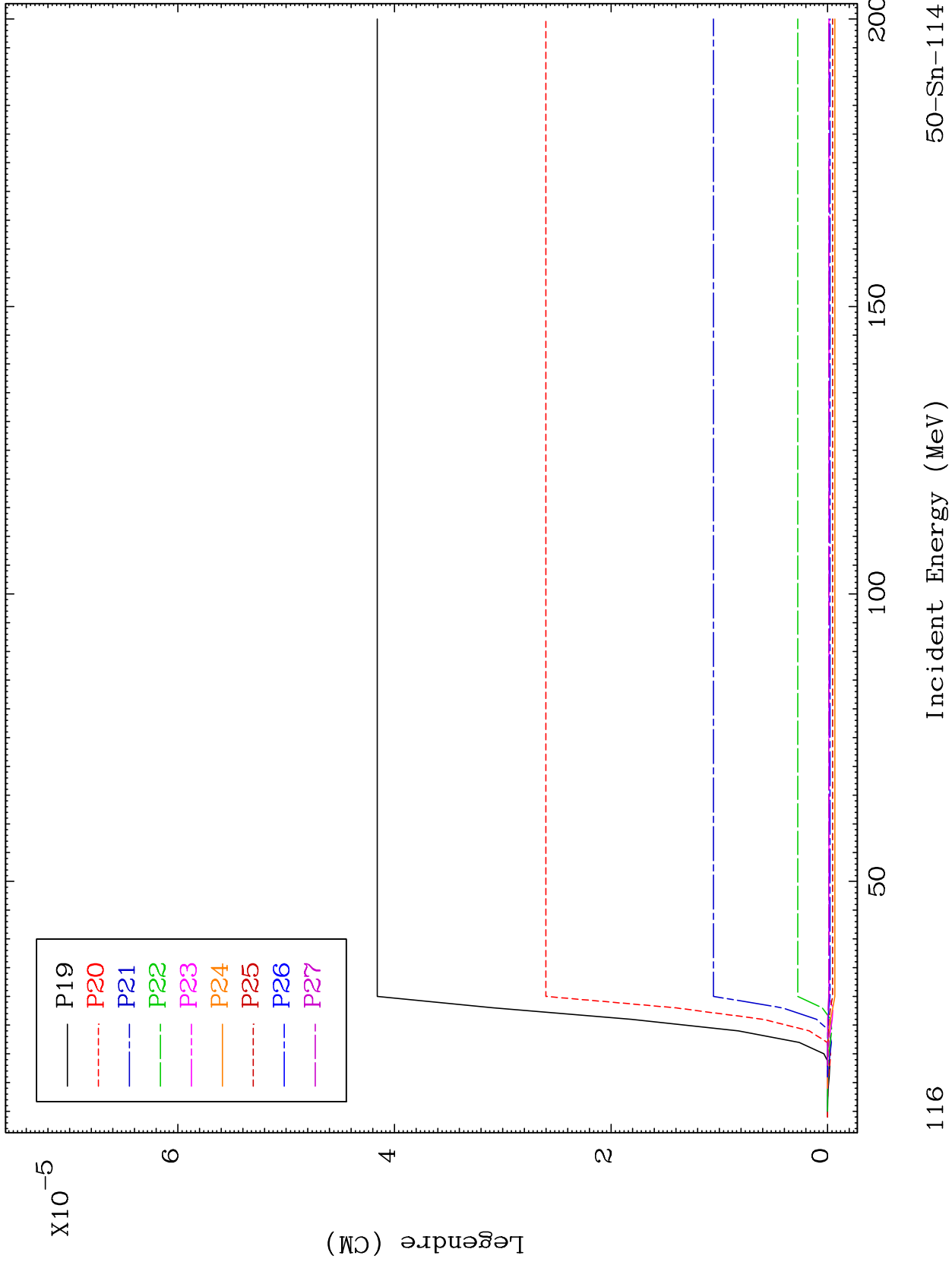




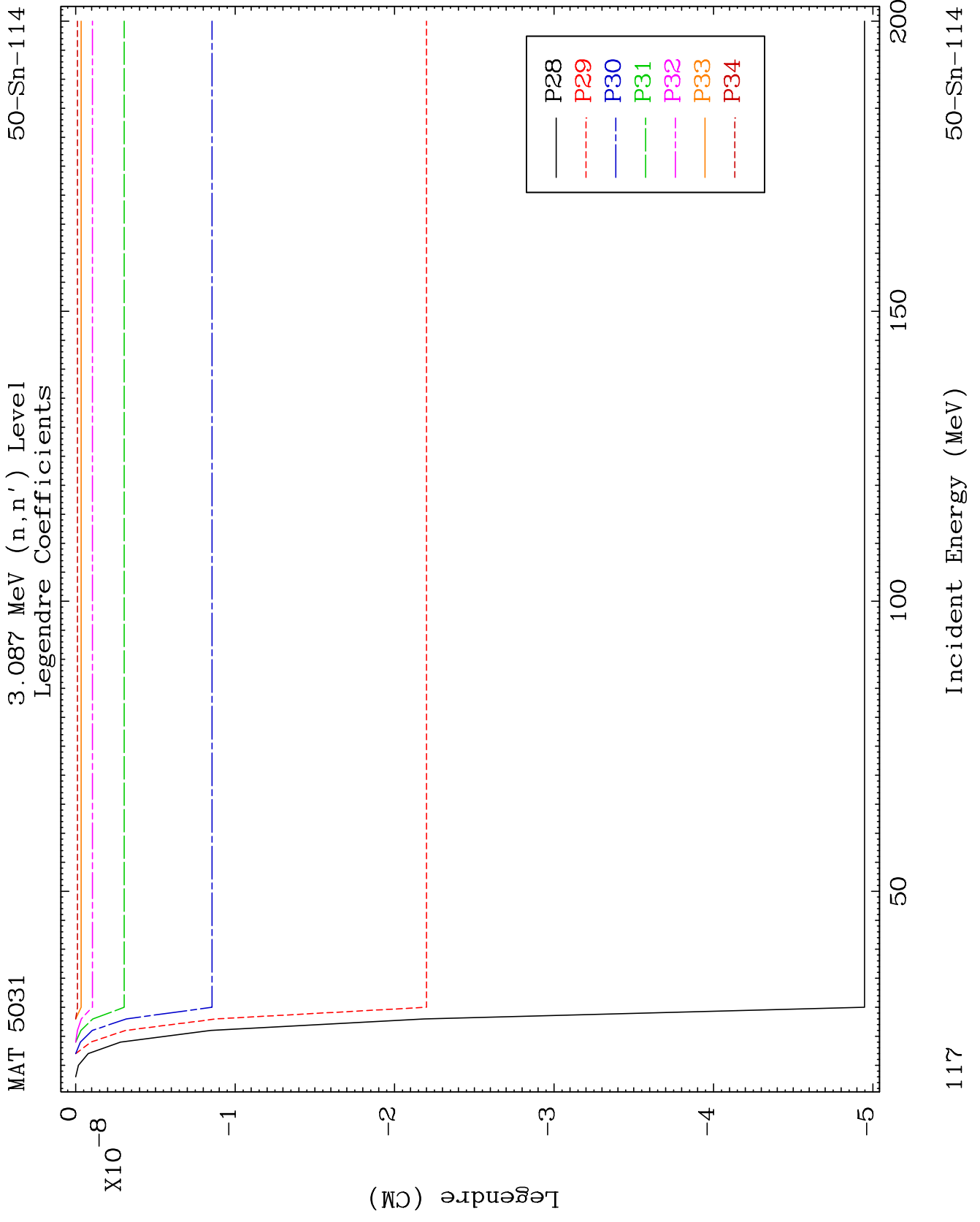
MAT 5031

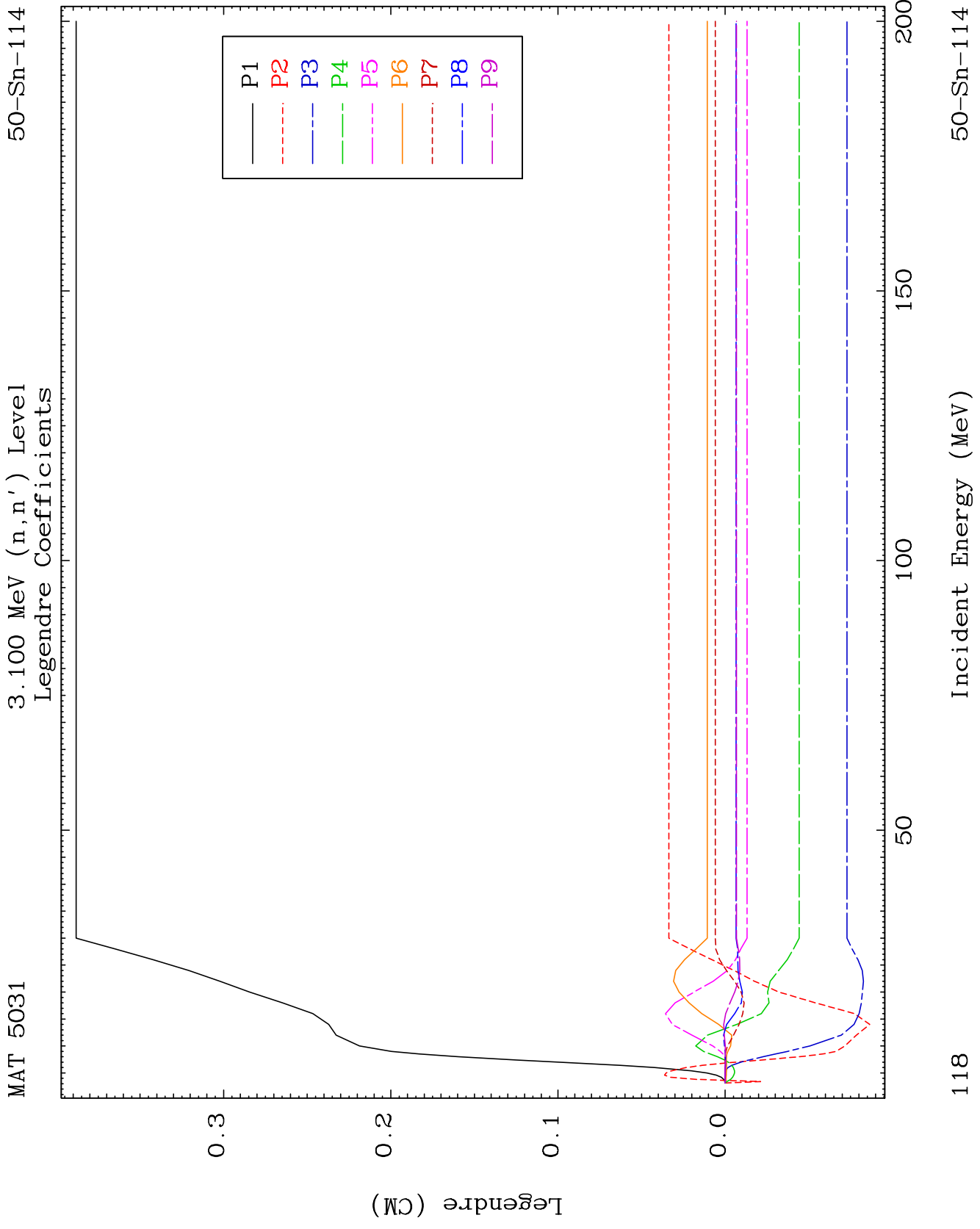
3.087 MeV (n,n') Level  
Legendre Coefficients

50-Sn-114



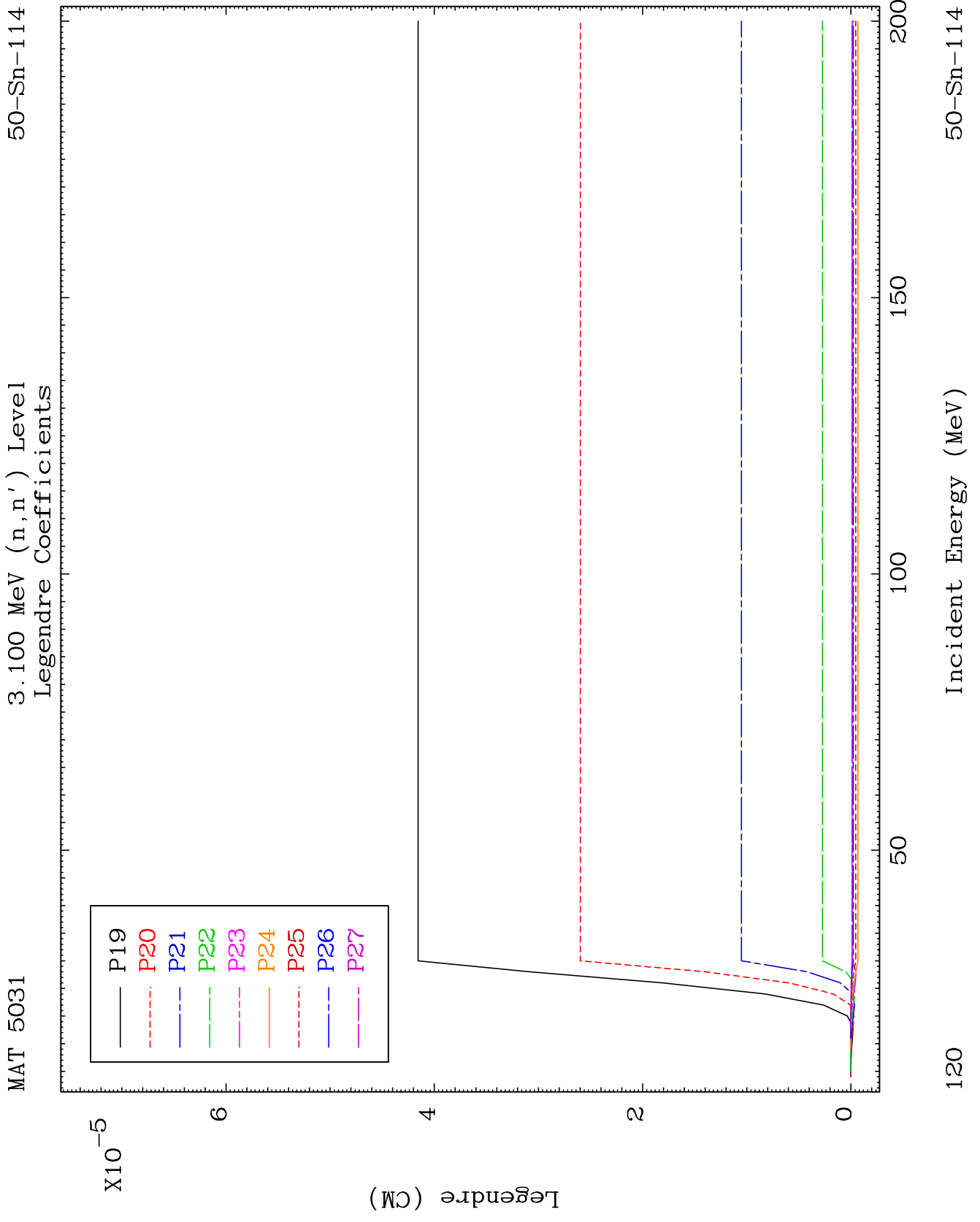
116

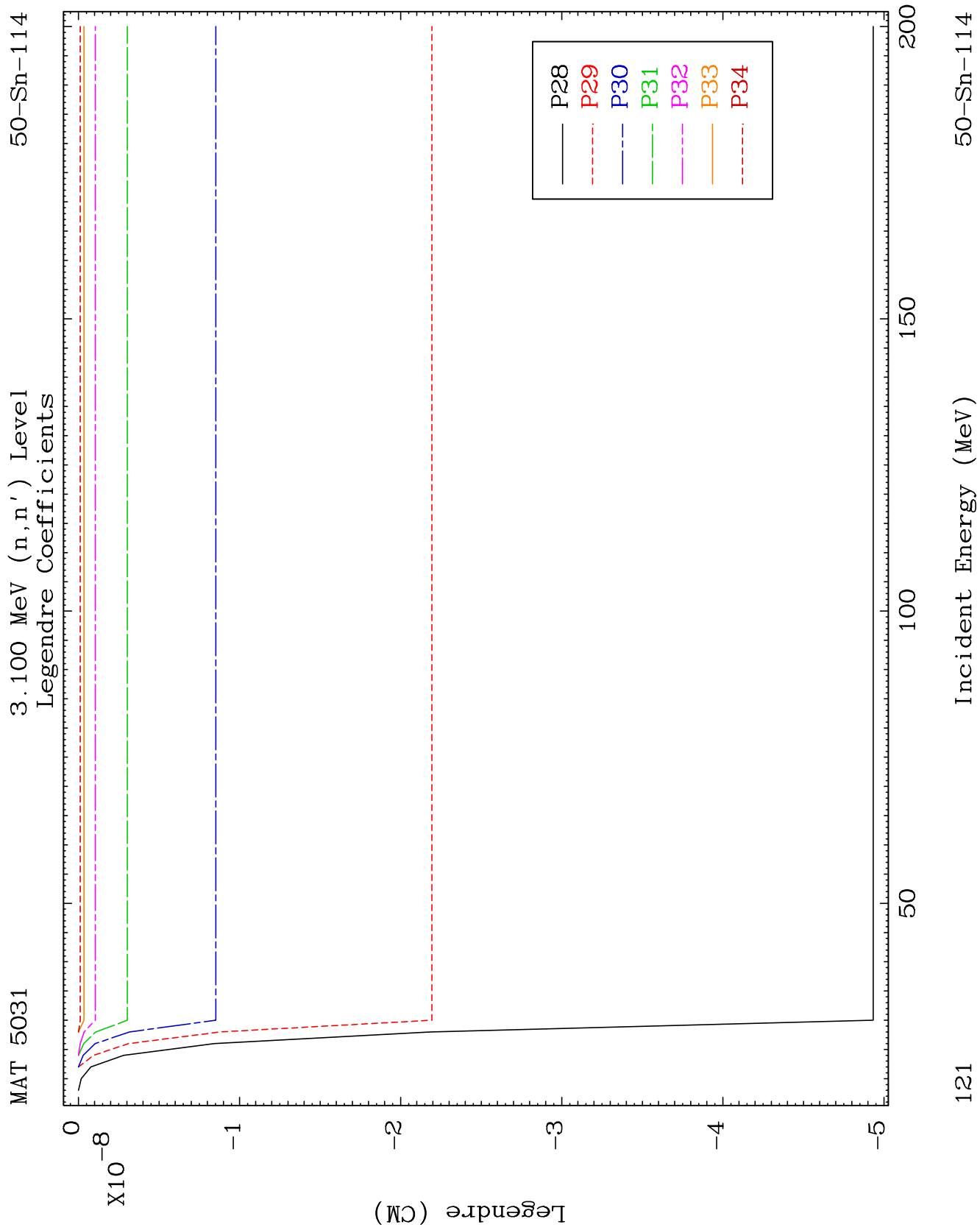


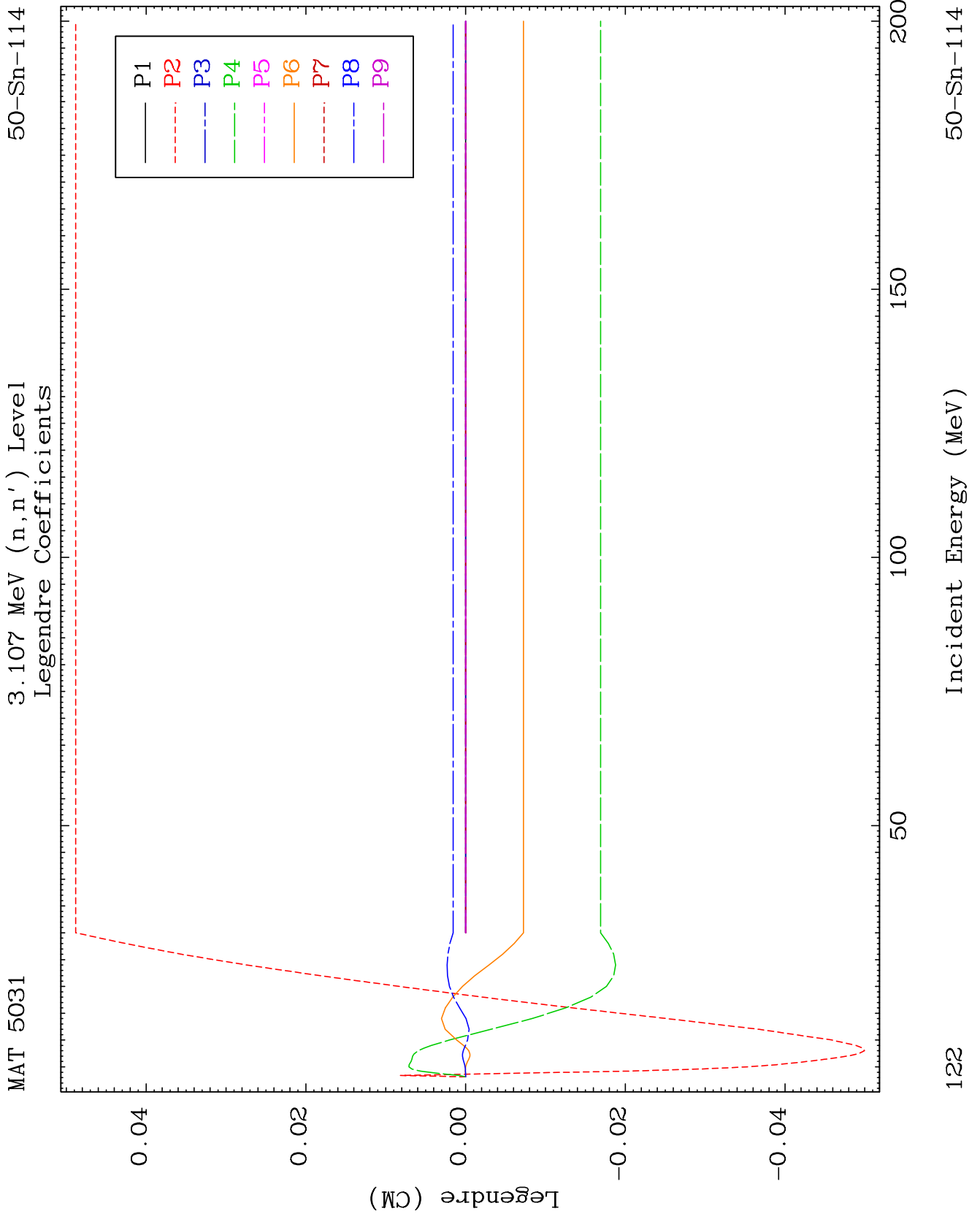


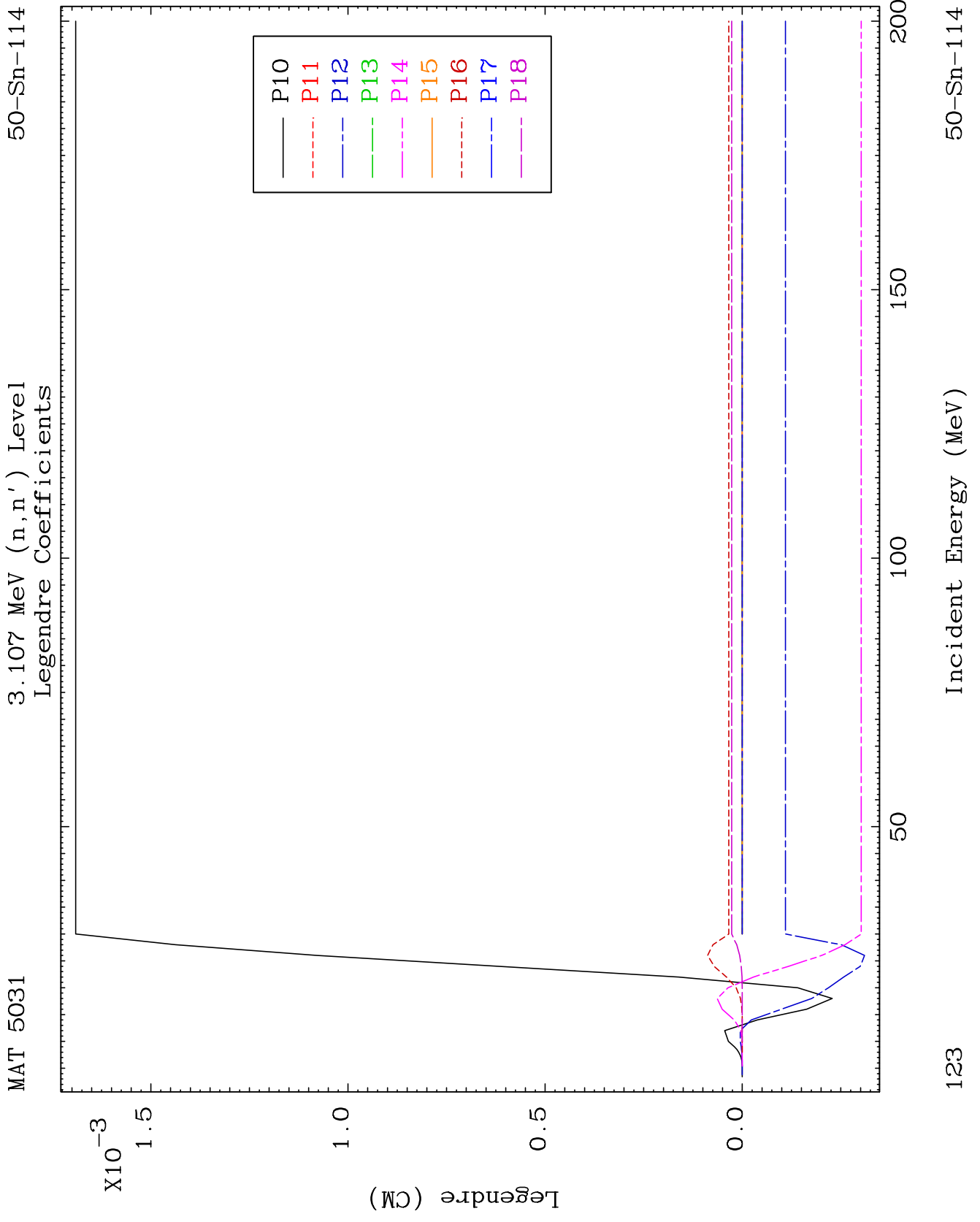


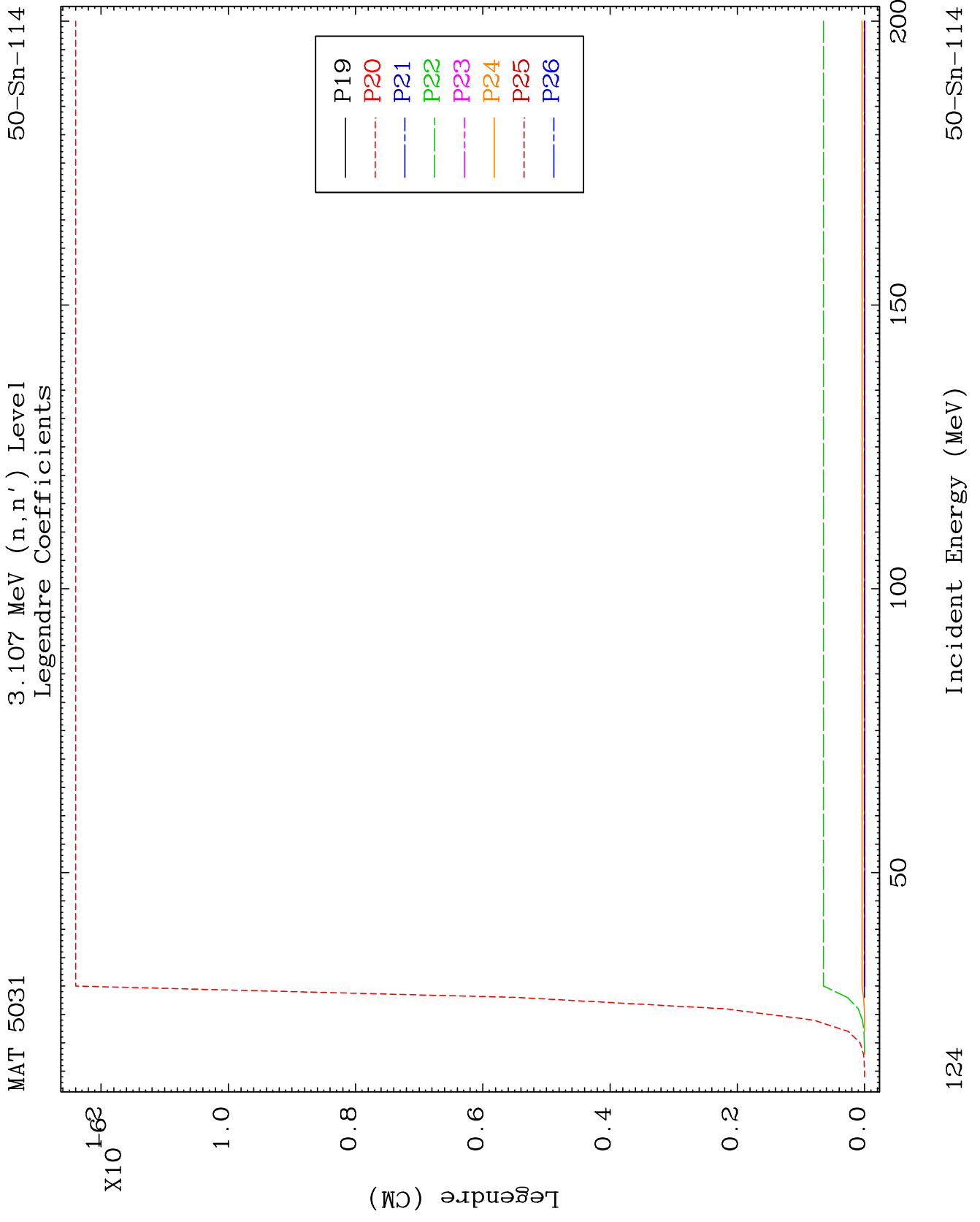










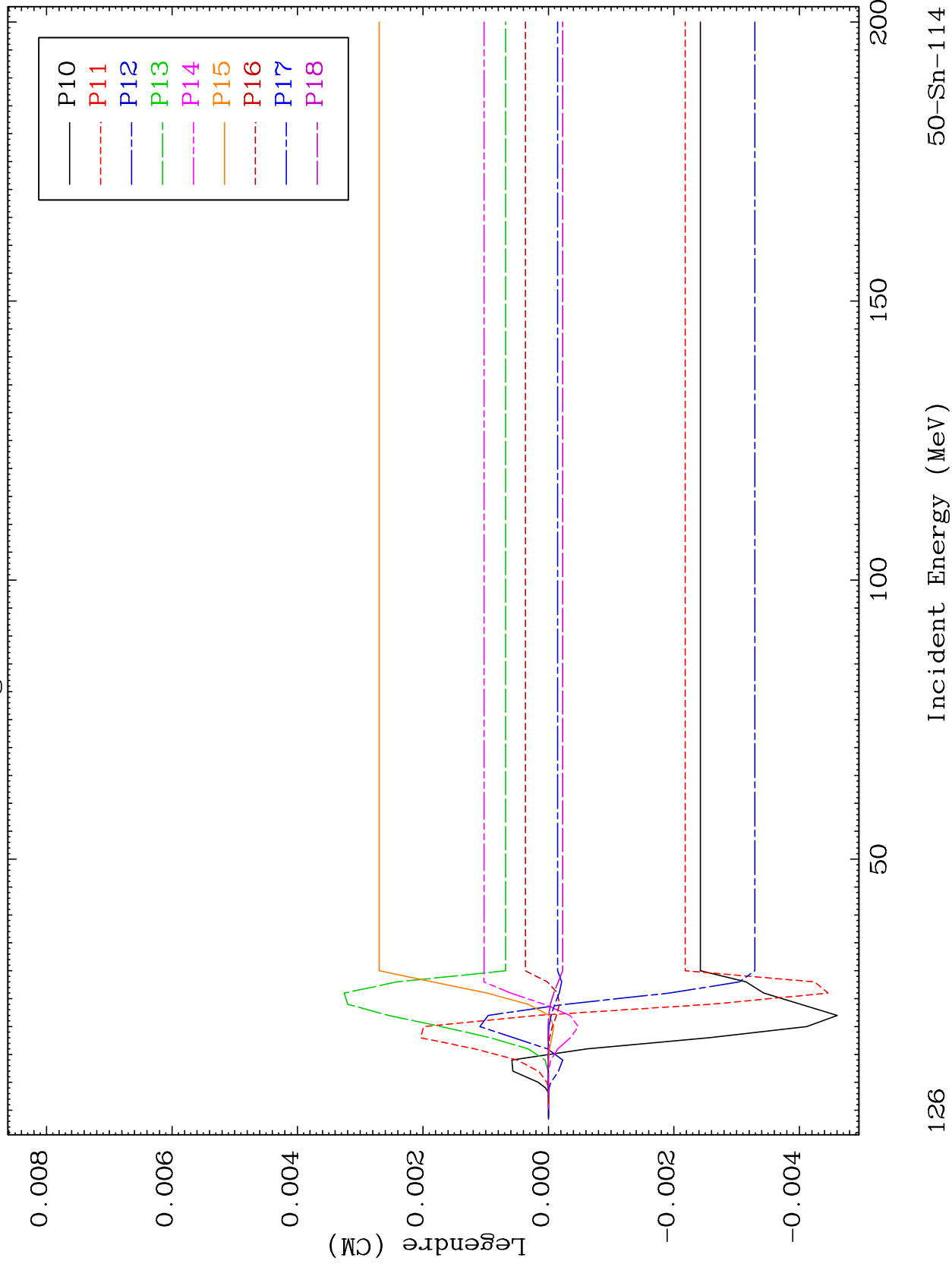




MAT 5031

3.150 MeV (n,n') Level  
Legendre Coefficients

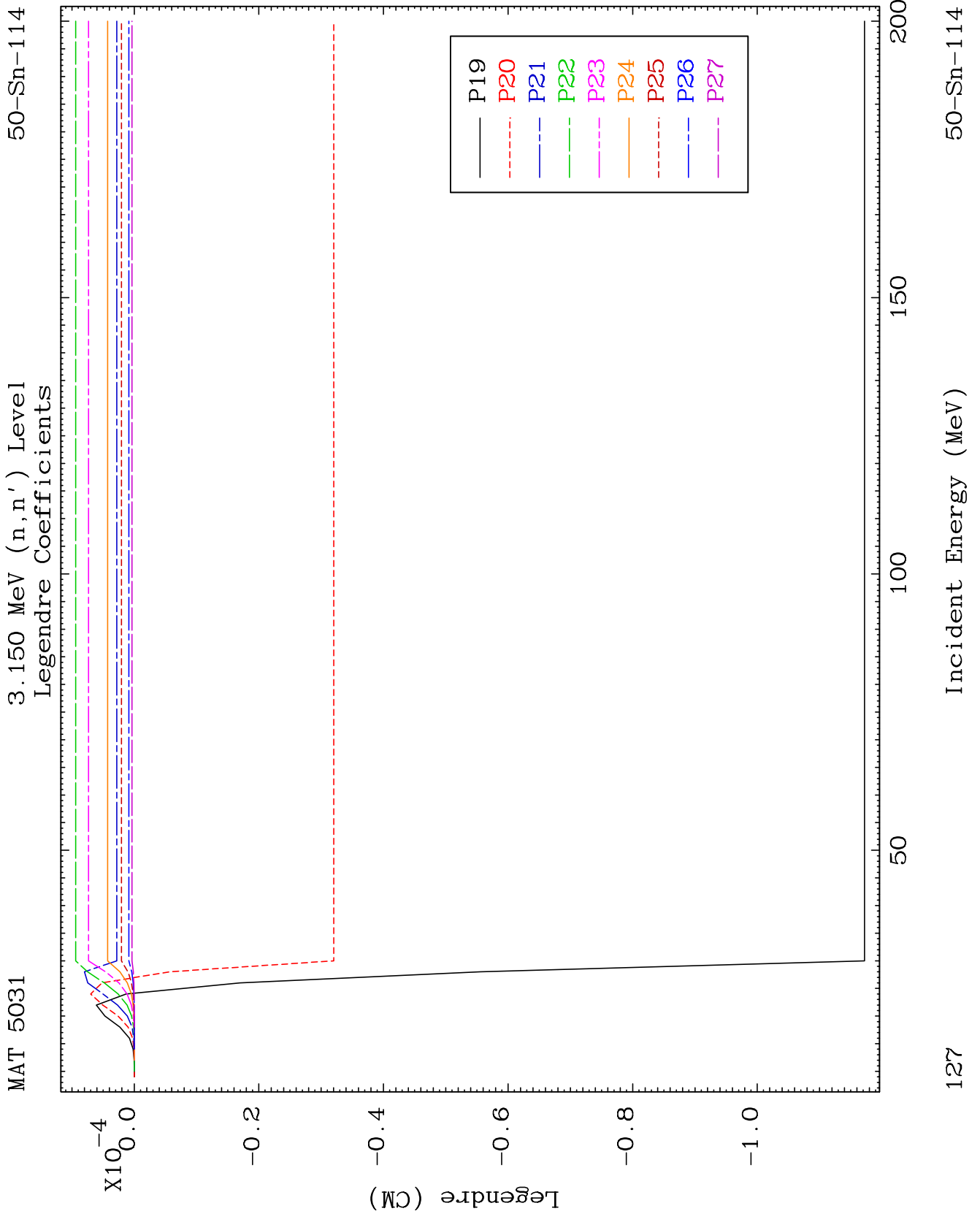
50-Sn-114



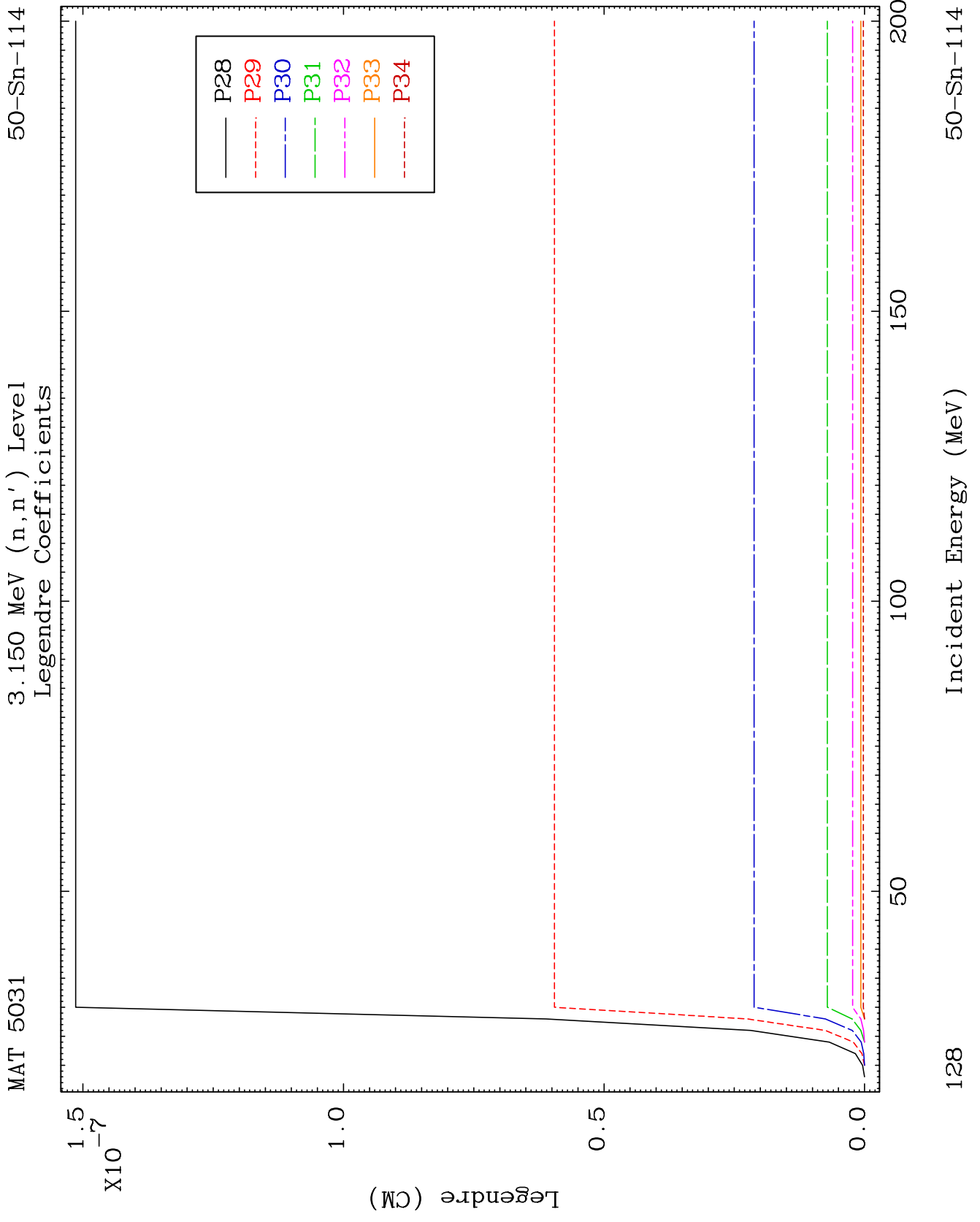
126

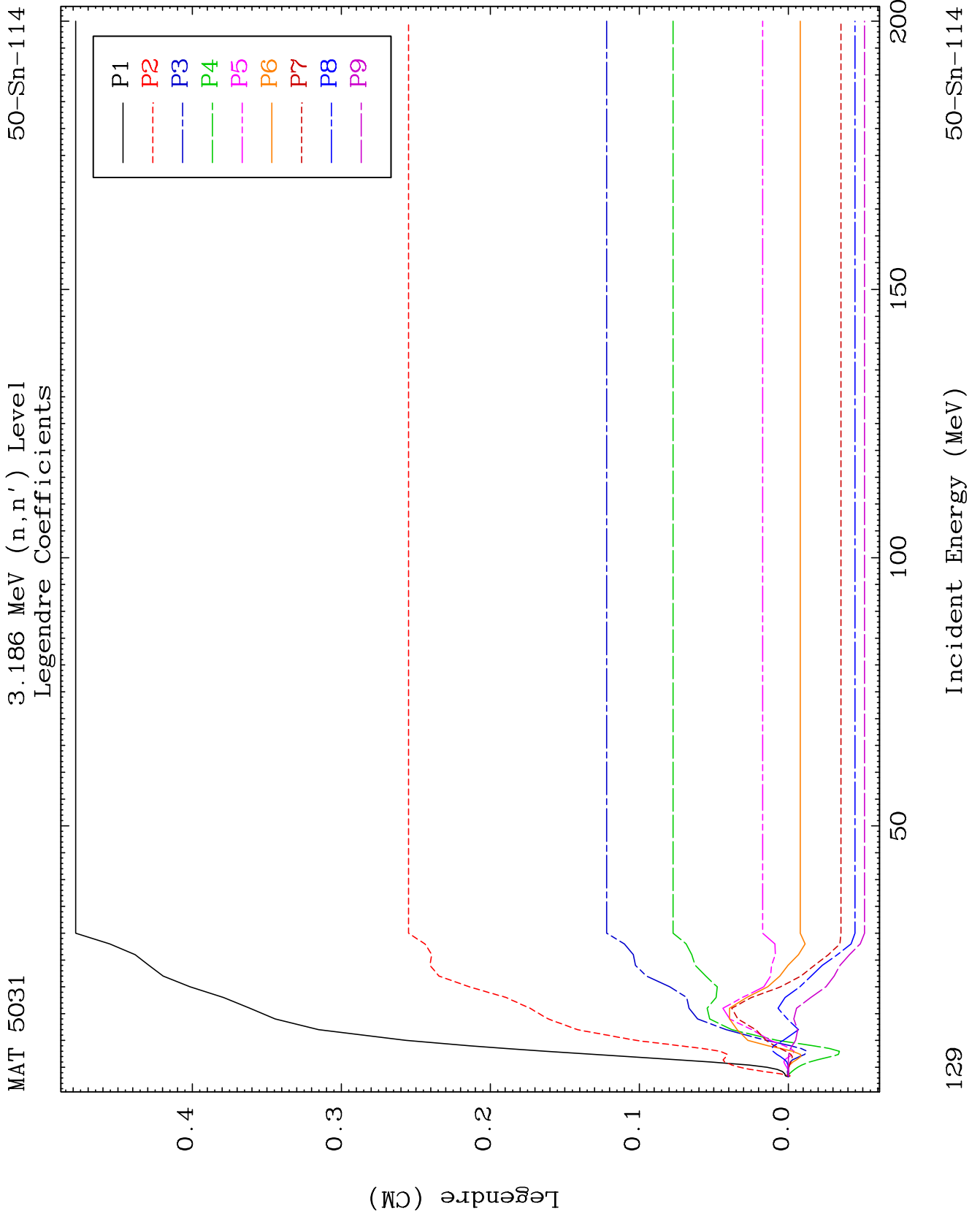
Incident Energy (MeV)

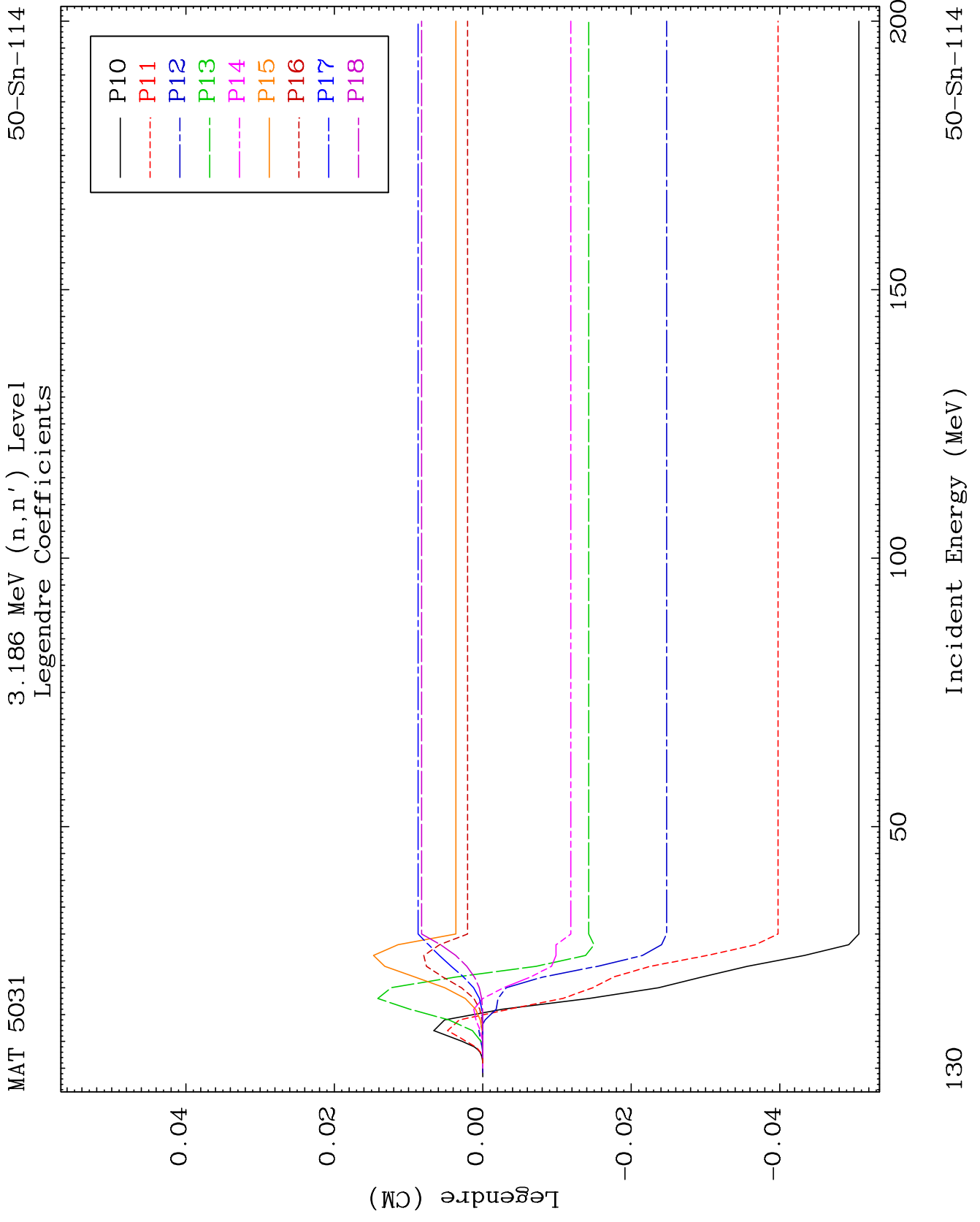
50-Sn-114

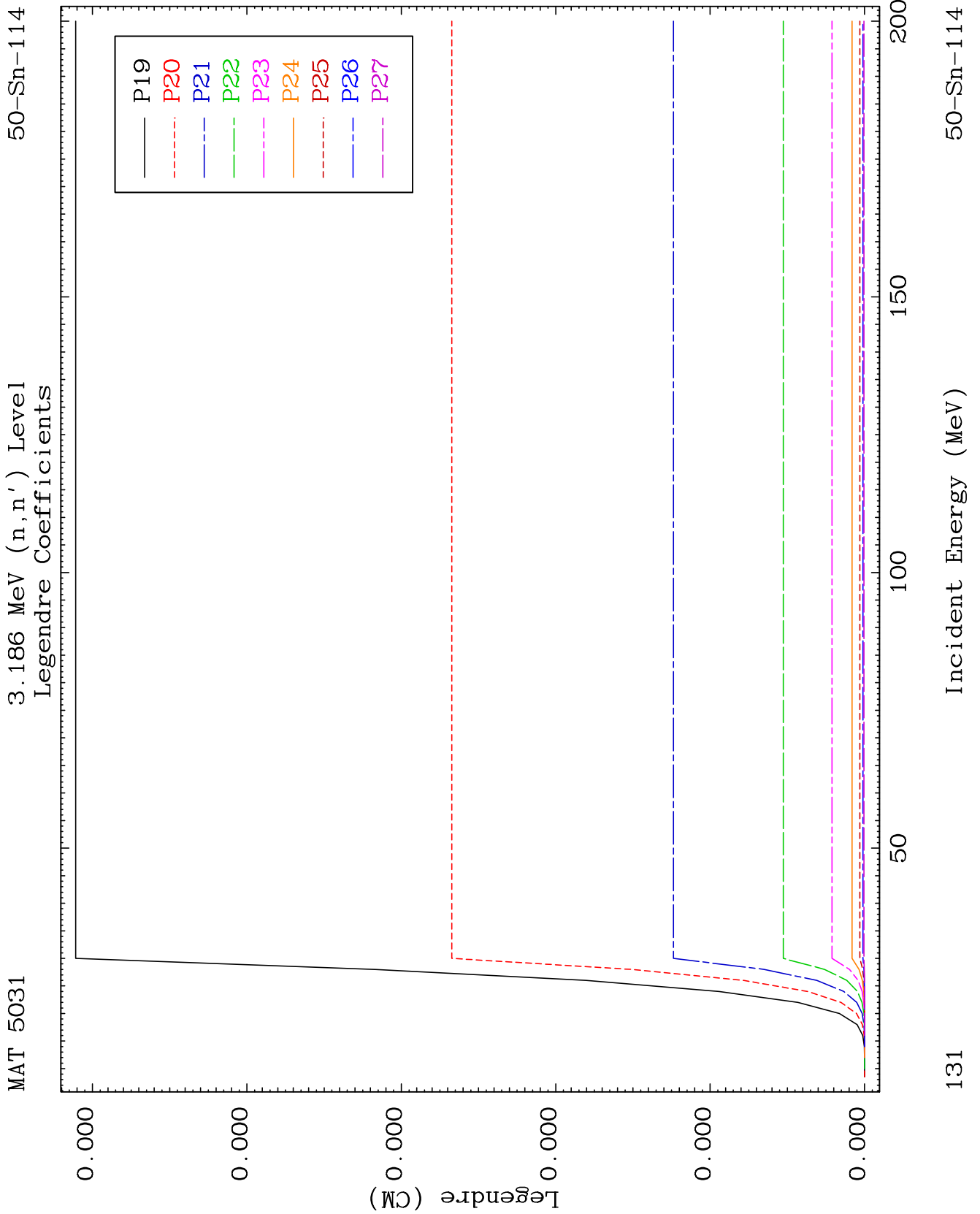


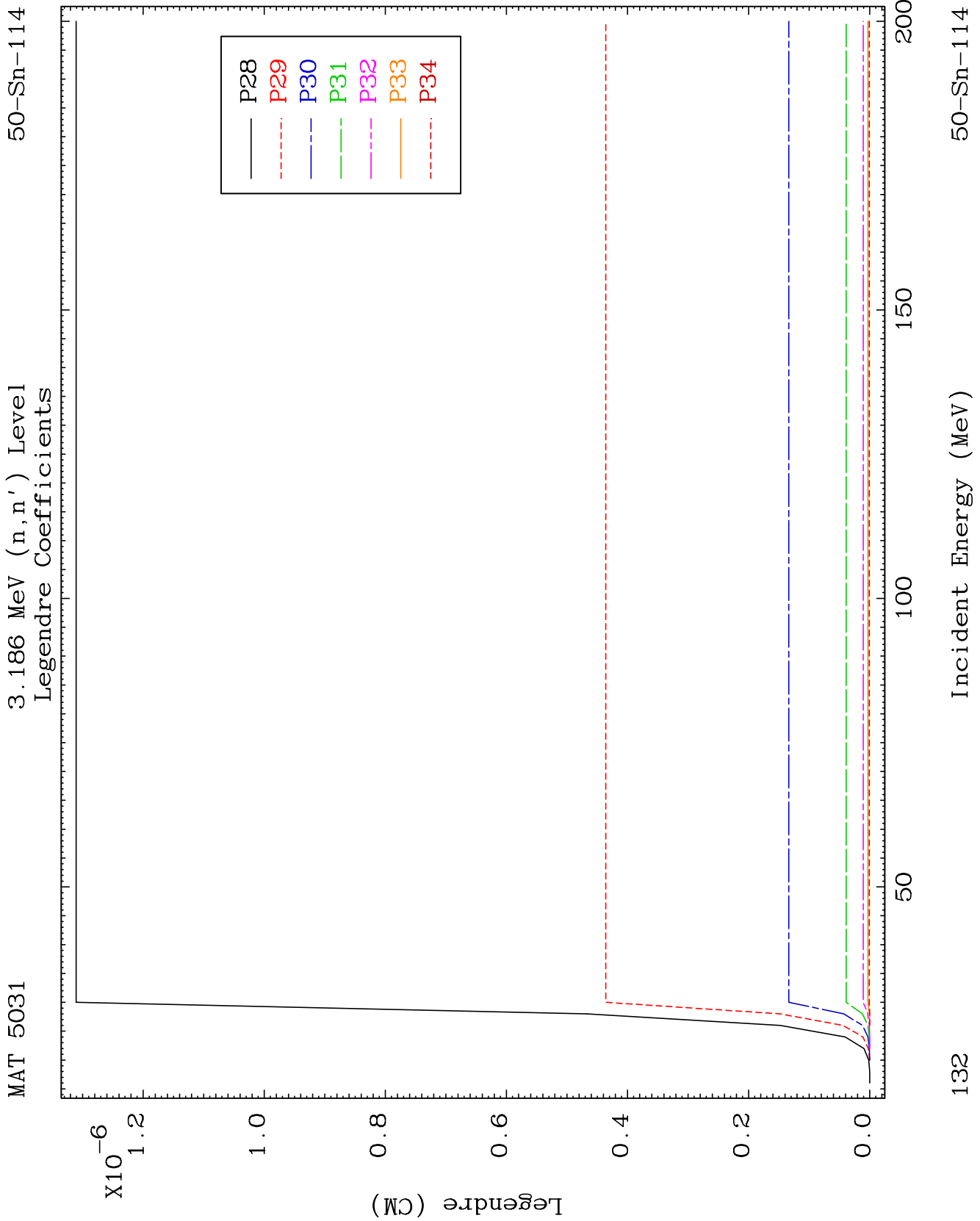




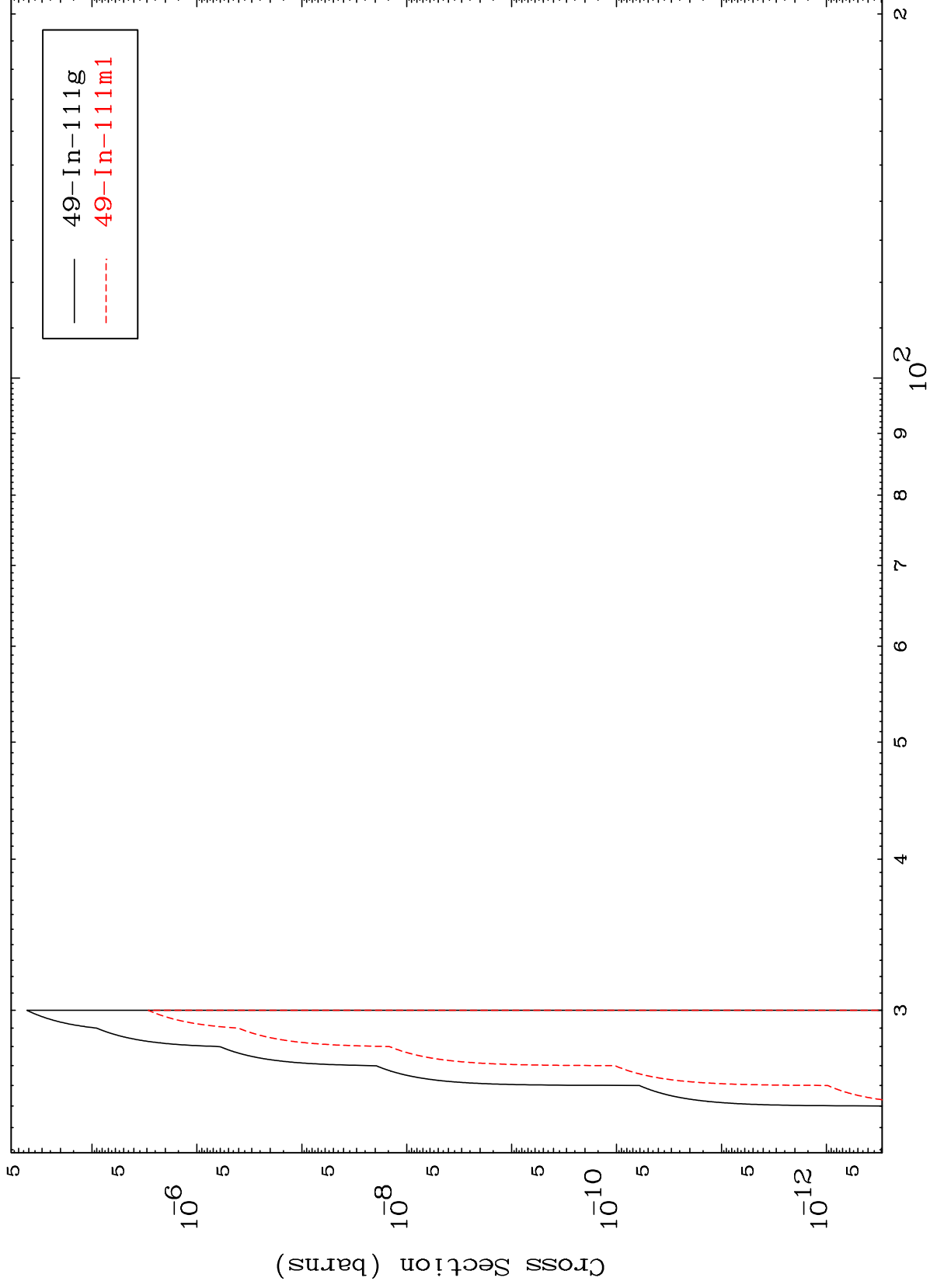








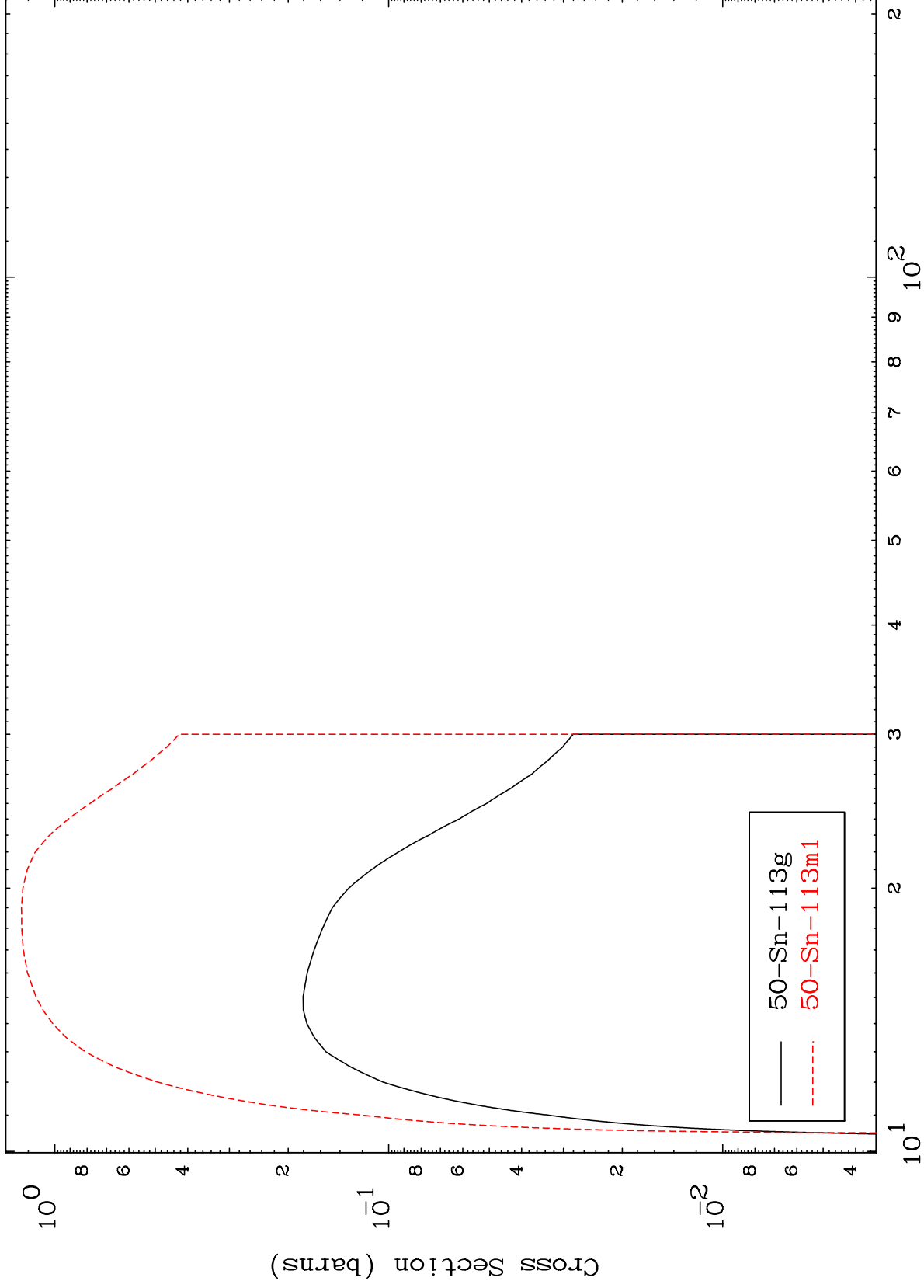
Radionuclide Production Cross Section



MAT 5031

50-Sn-114

(n,2n)  
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

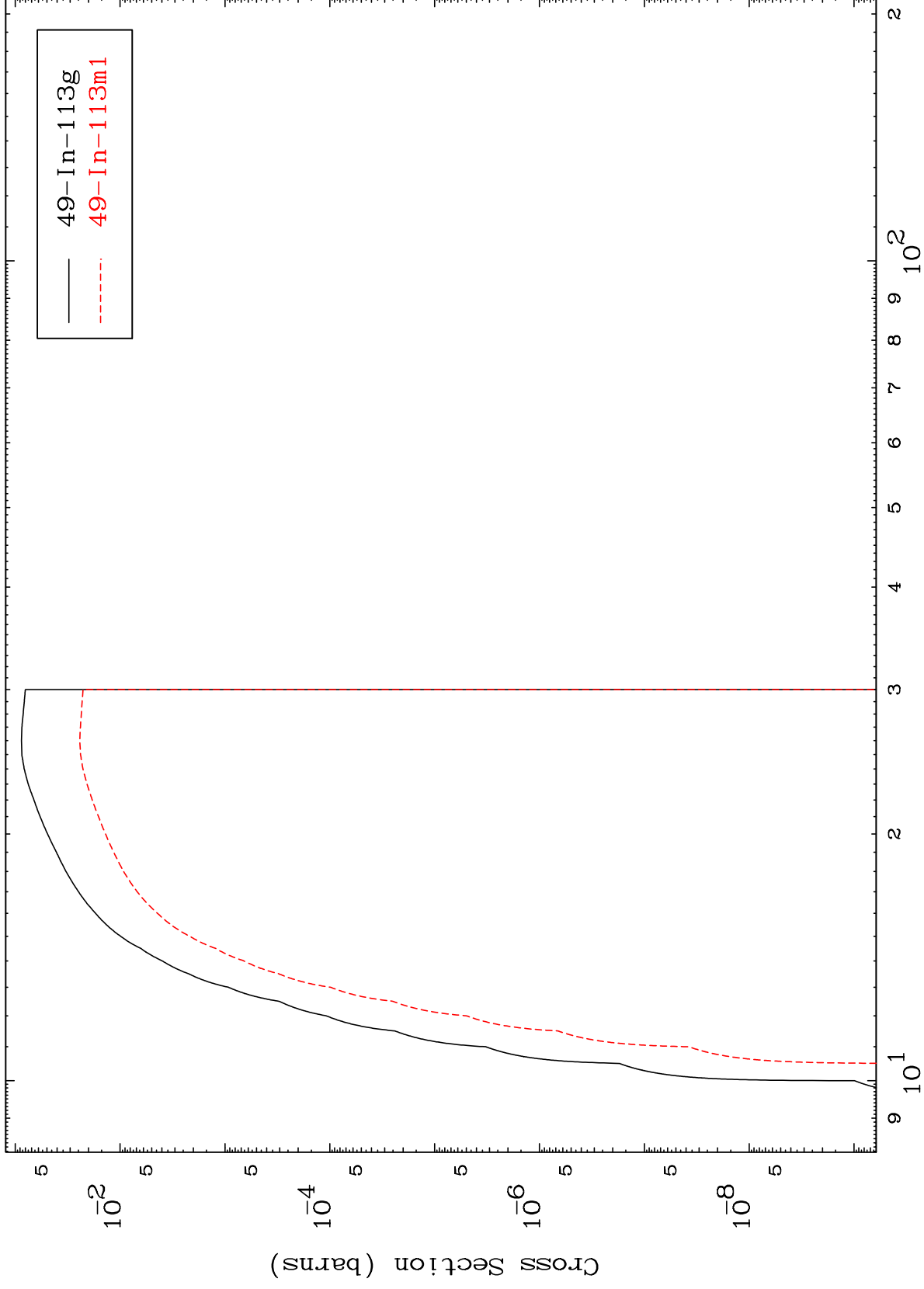
134

MAT 5031

(n,n') p

50-Sn-114

Radionuclide Production Cross Section



135

Incident Energy (MeV)

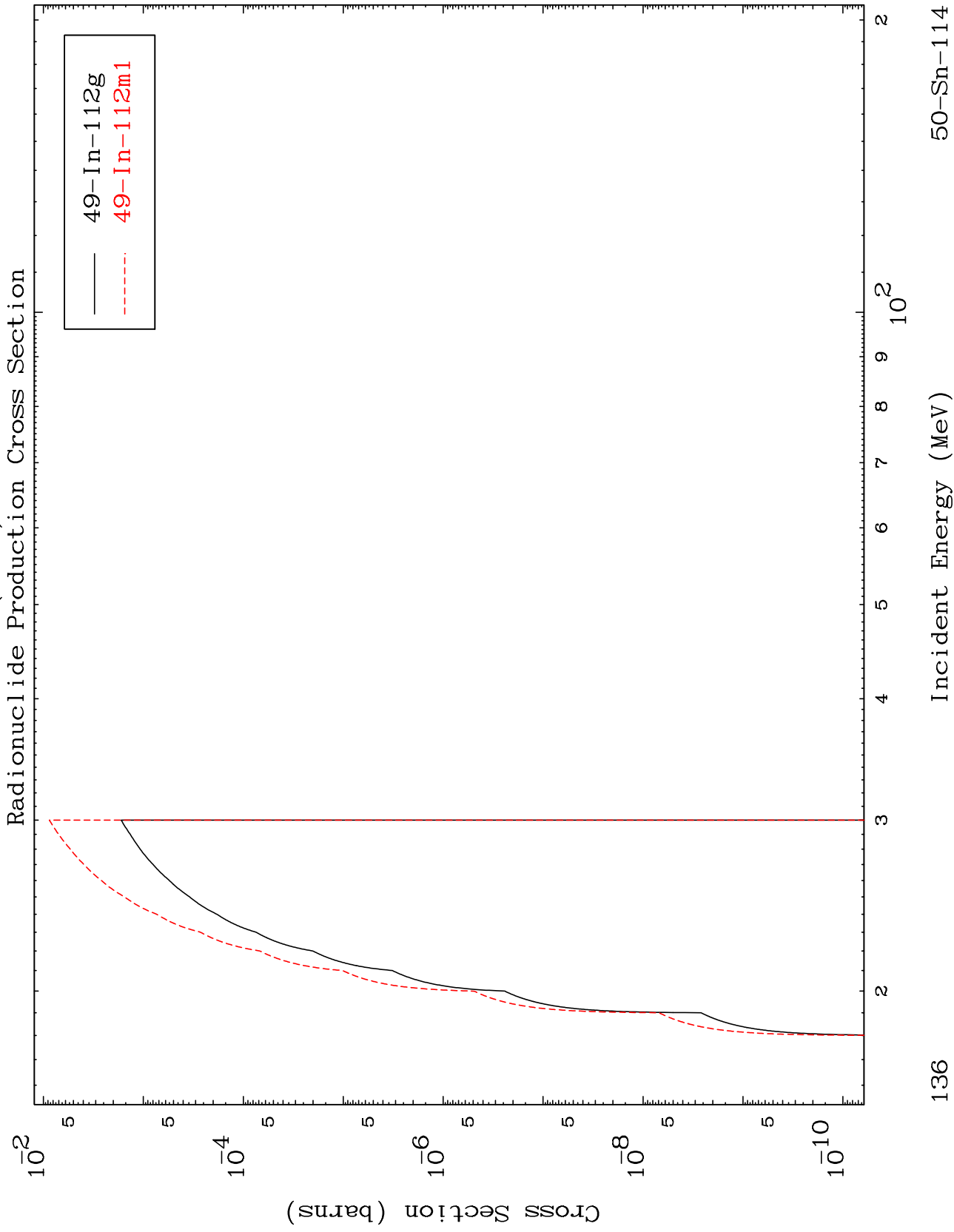
50-Sn-114



MAT 5031

(n,n') d

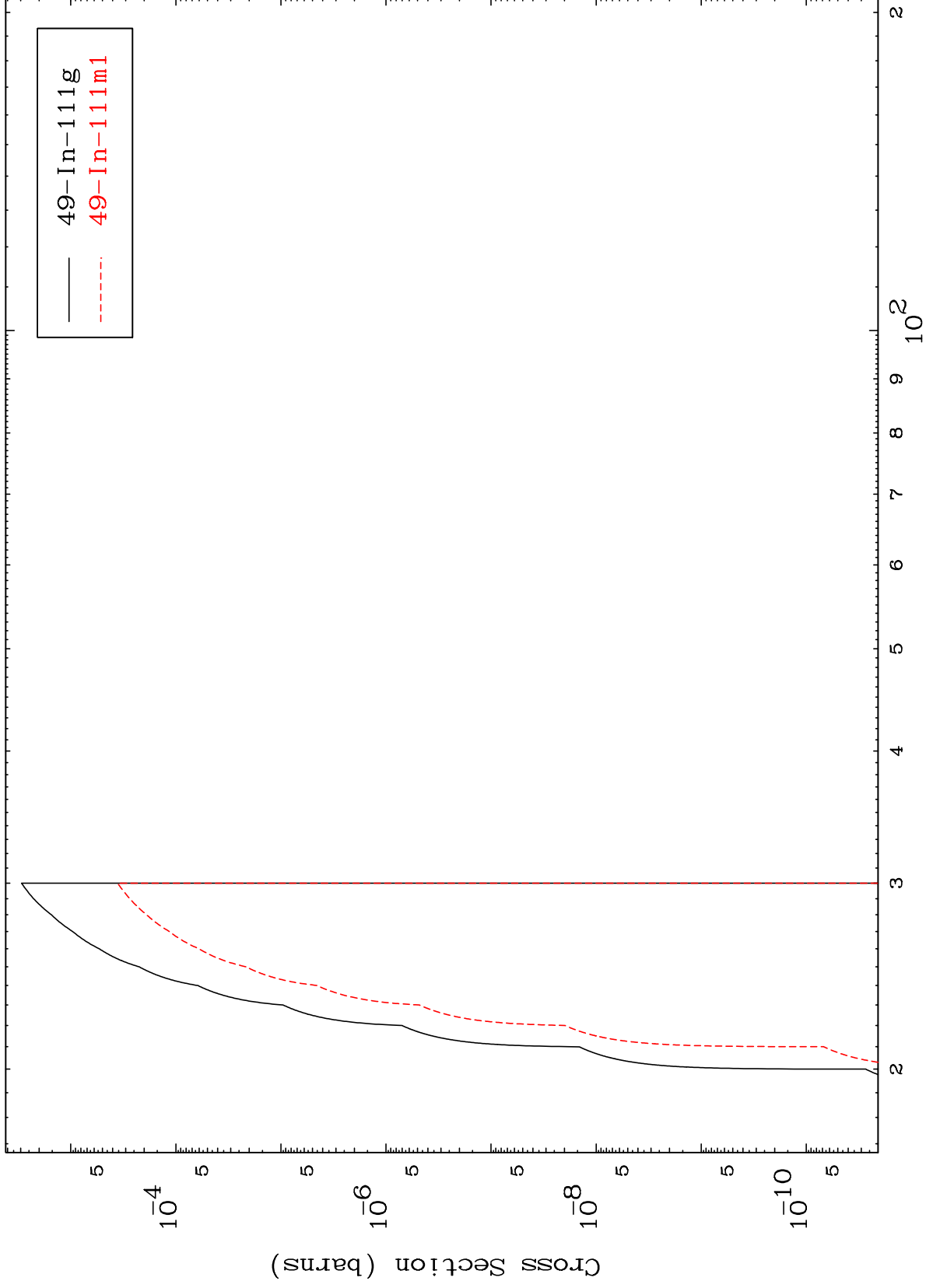
50-Sn-114



136

50-Sn-114

Radionuclide Production Cross Section

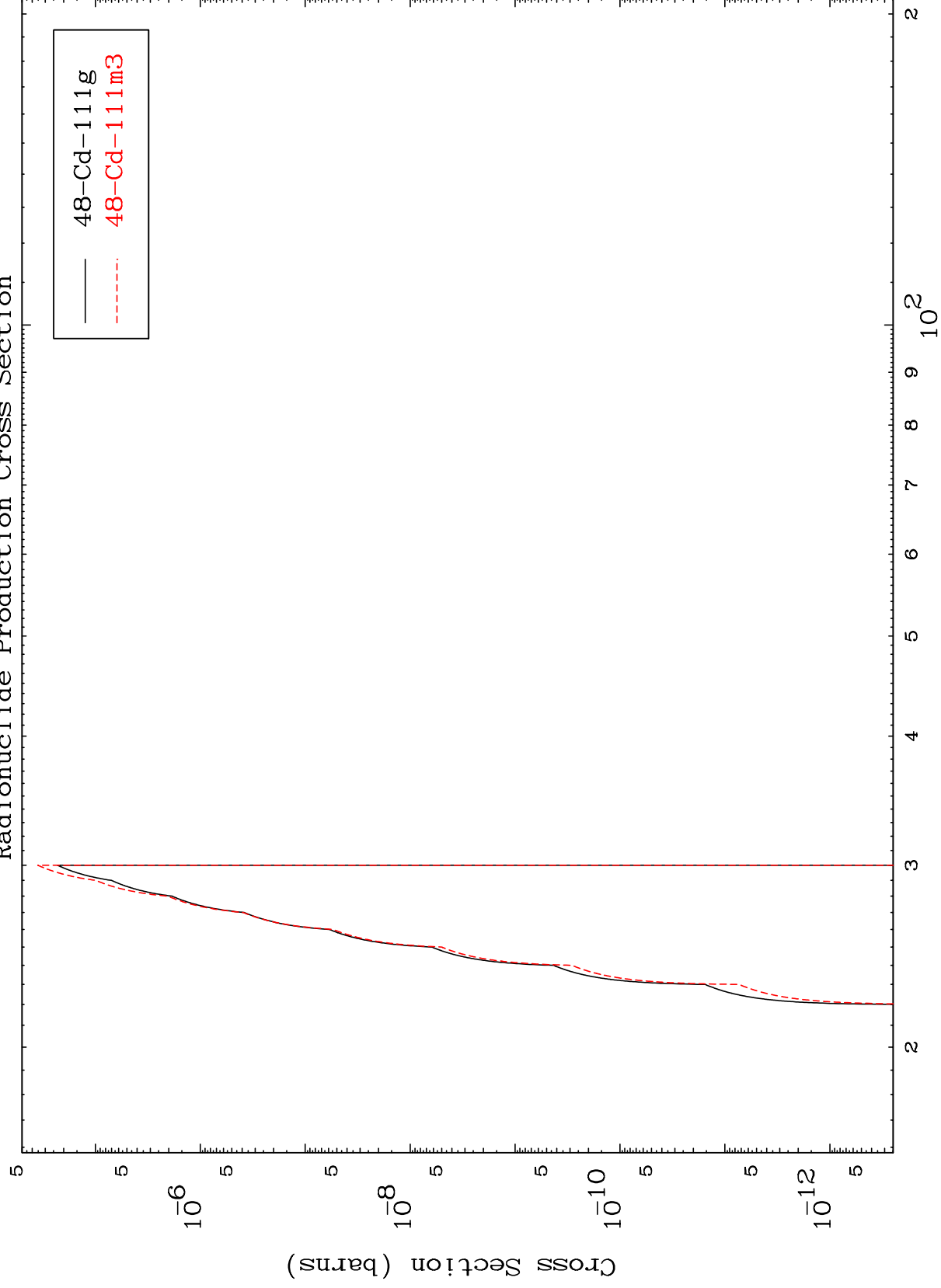


MAT 5031

(n,n') He-3

50-Sn-114

Radionuclide Production Cross Section



138

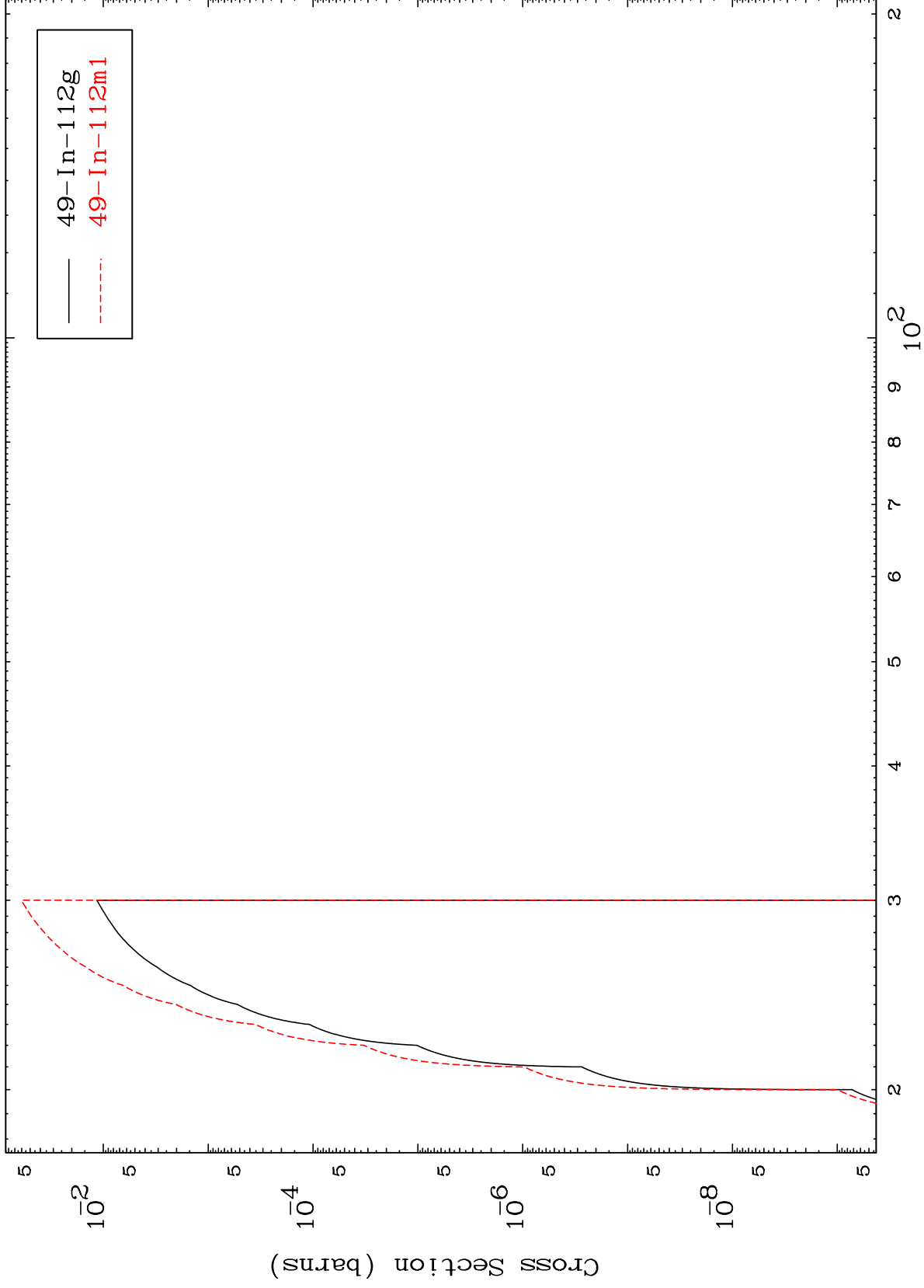
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,2n) p  
Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

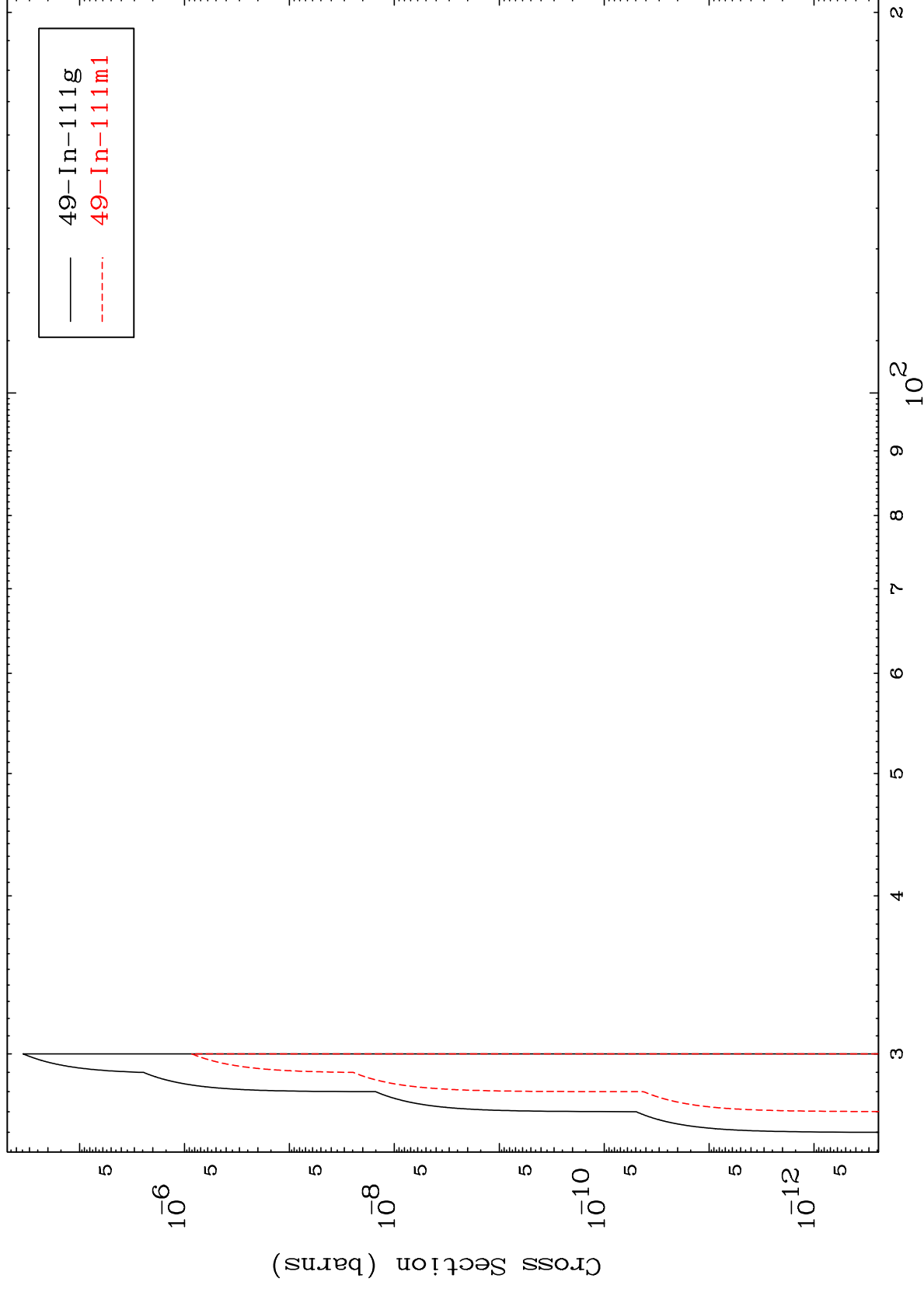
139

MAT 5031

(n,3n) p

50-Sn-114

Radionuclide Production Cross Section



140

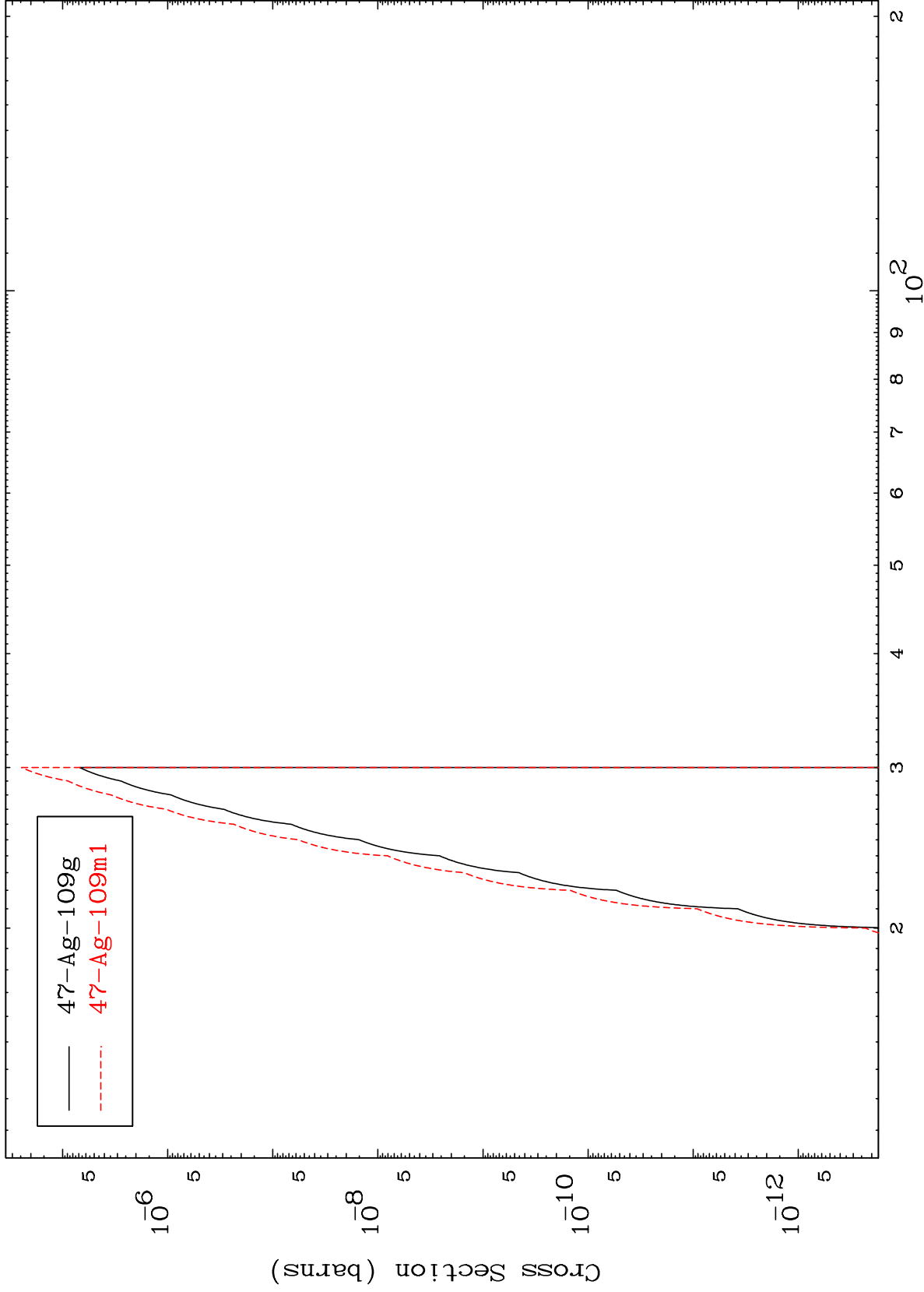
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



141

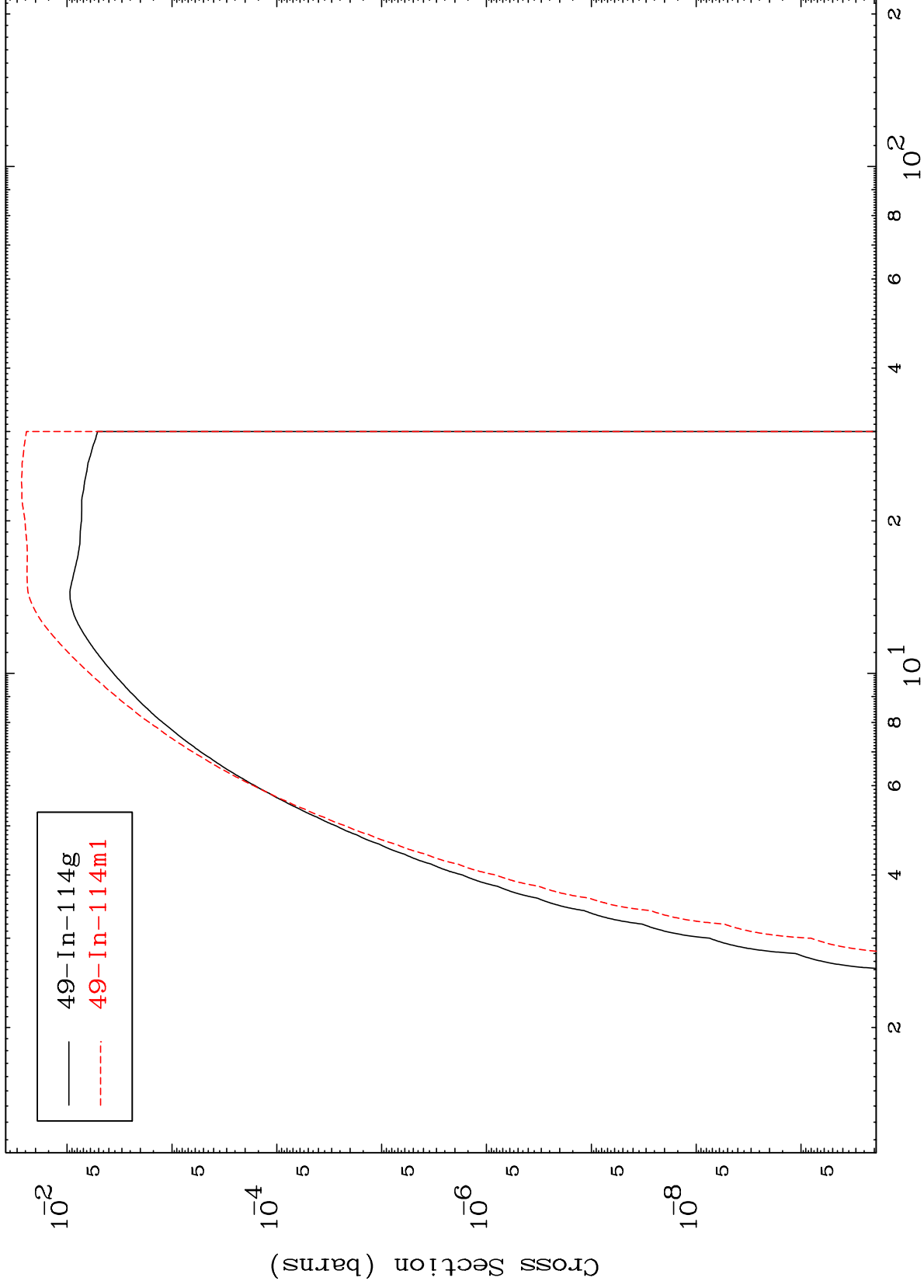
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

(n,p)  
Radionuclide Production Cross Section



142

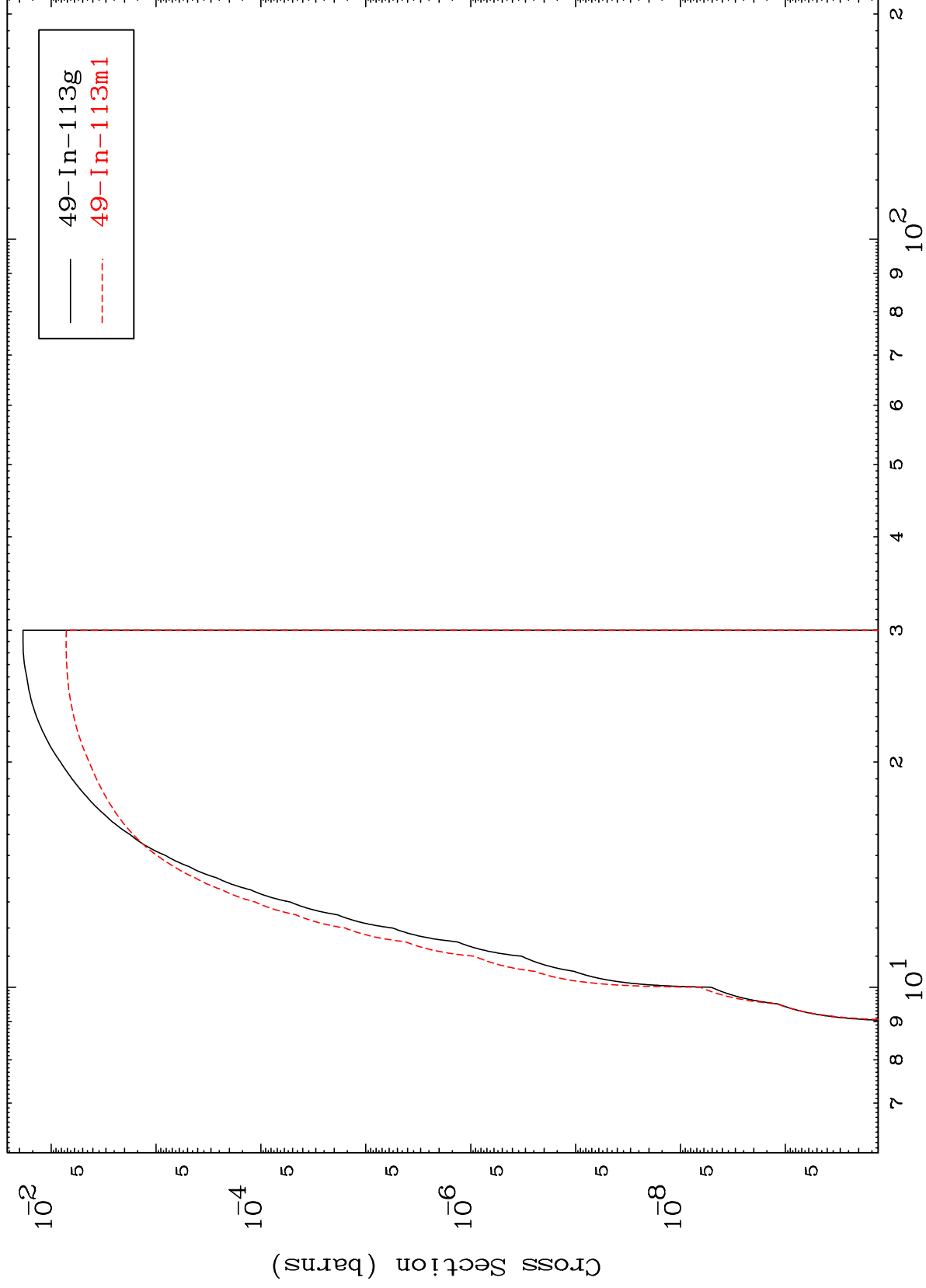
50-Sn-114

Incident Energy (MeV)

MAT 5031

50-Sn-114

(n,d)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

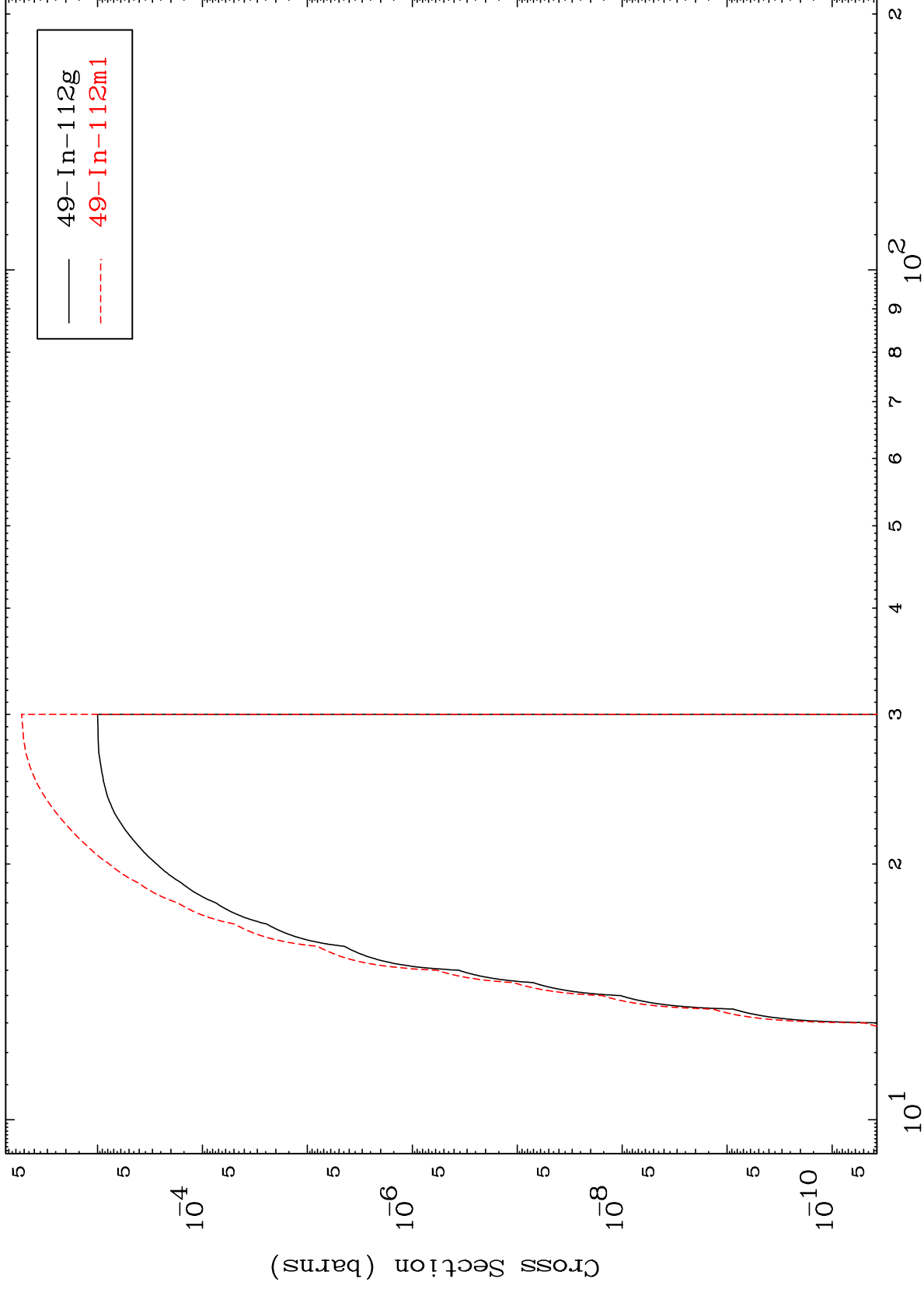
50-Sn-114



MAT 5031

50-Sn-114

(n,t)  
Radionuclide Production Cross Section



50-Sn-114

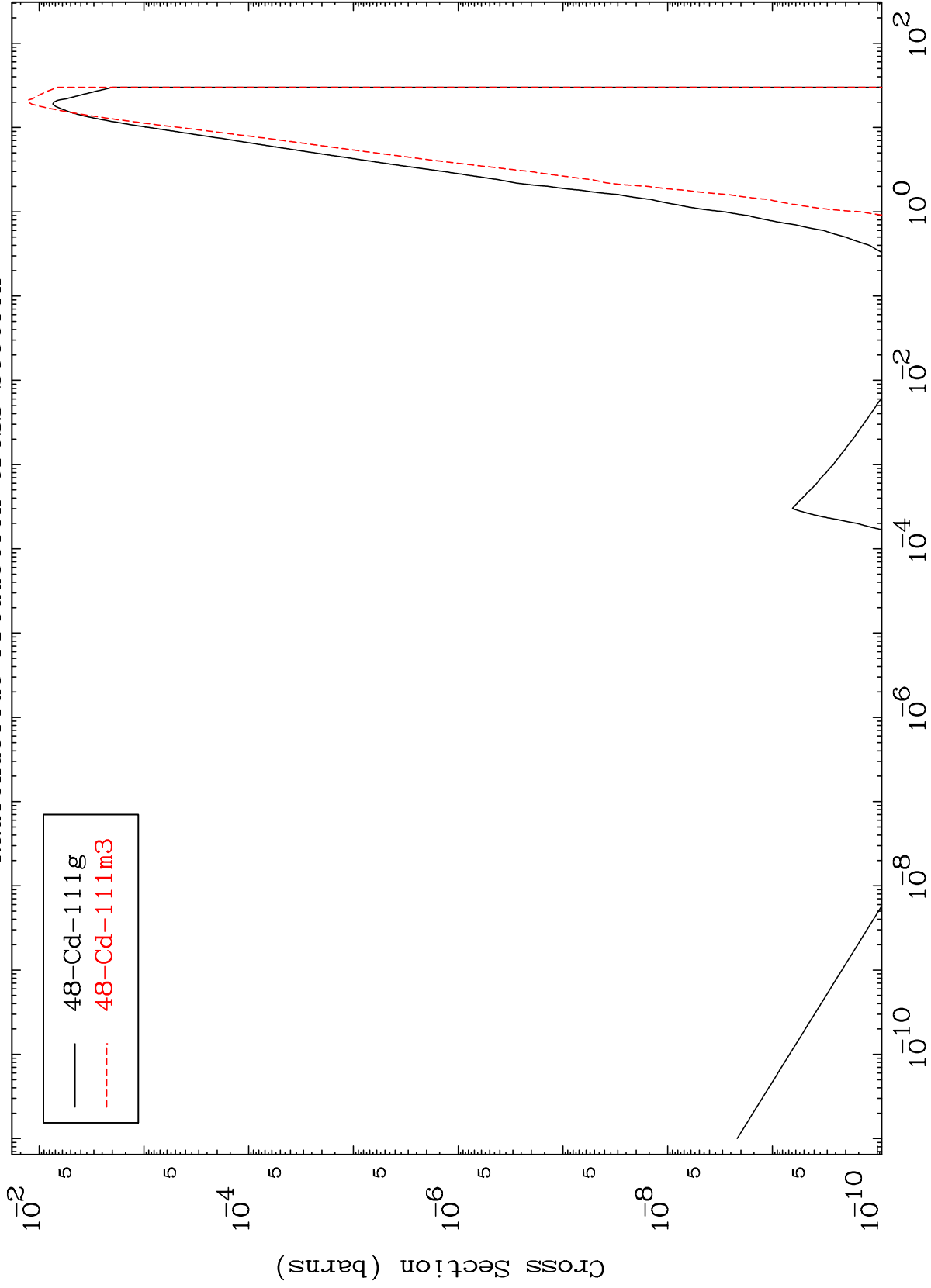
Incident Energy (MeV)

144

MAT 5031

50-Sn-114

(n,  $\alpha$ )  
Radionuclide Production Cross Section



48-Cd-111g  
48-Cd-111m3

50-Sn-114

Incident Energy (MeV)

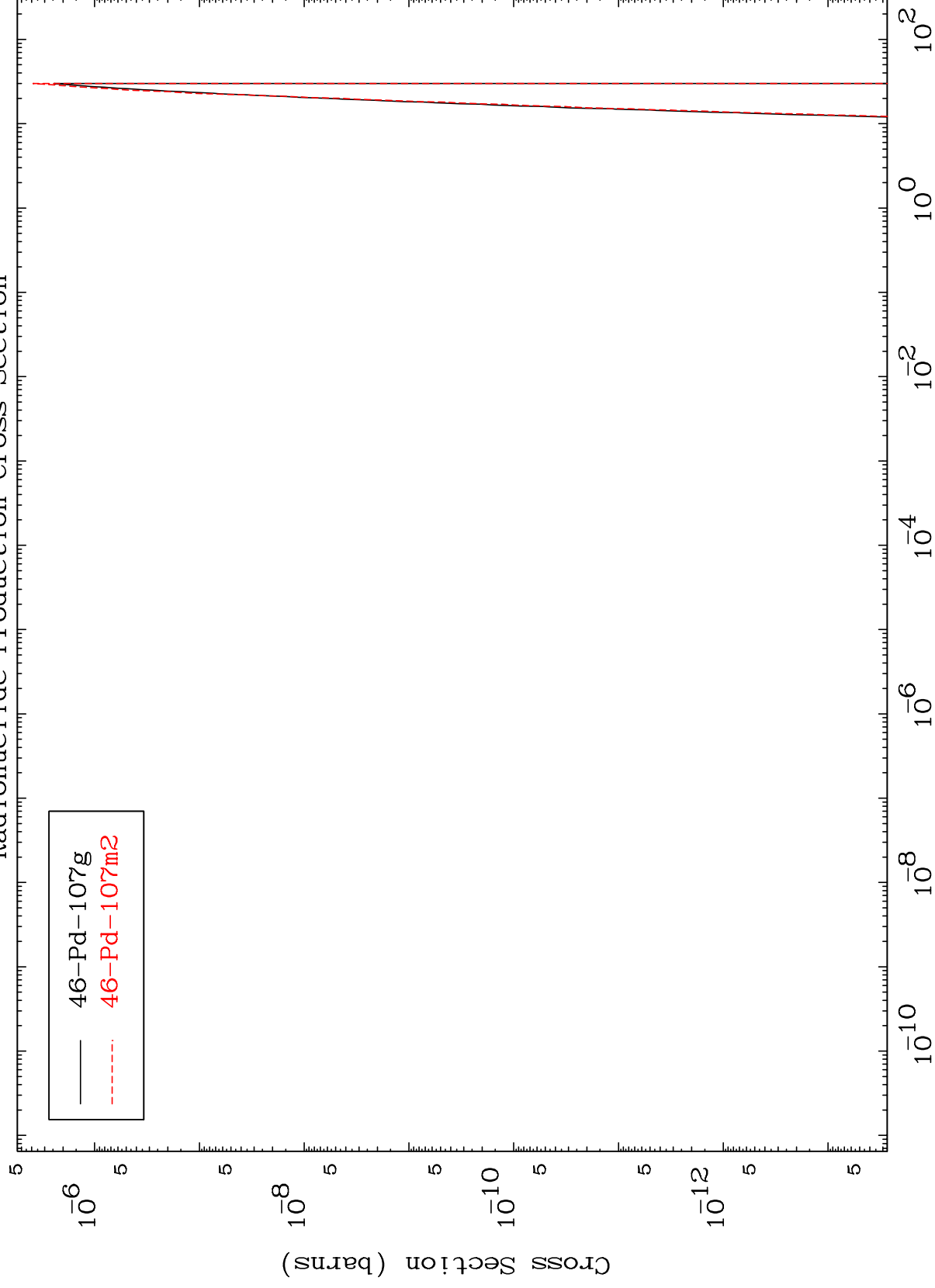
145

MAT 5031

(n,2α)

50-Sn-114

Radionuclide Production Cross Section



146

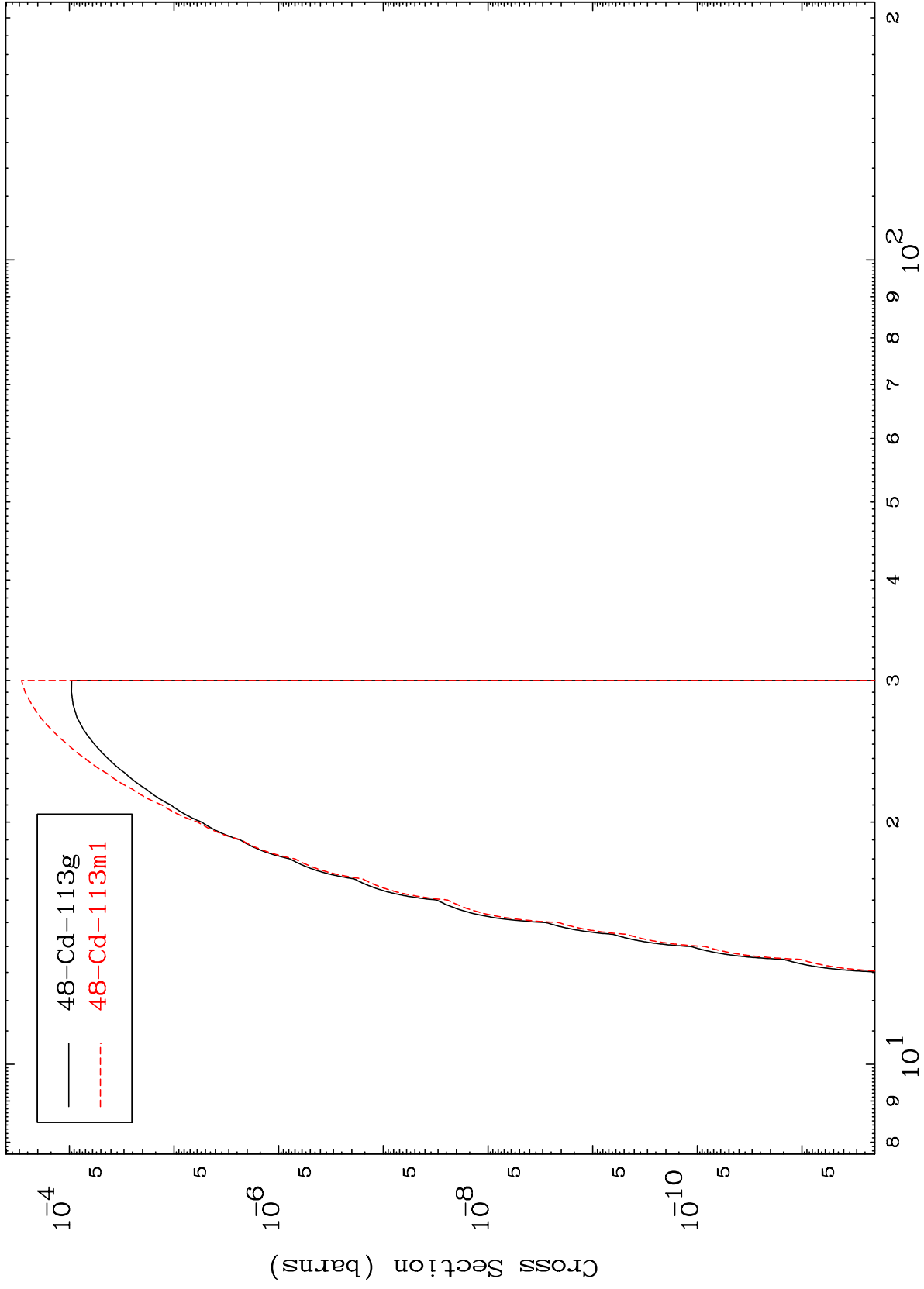
Incident Energy (MeV)

50-Sn-114

MAT 5031

50-Sn-114

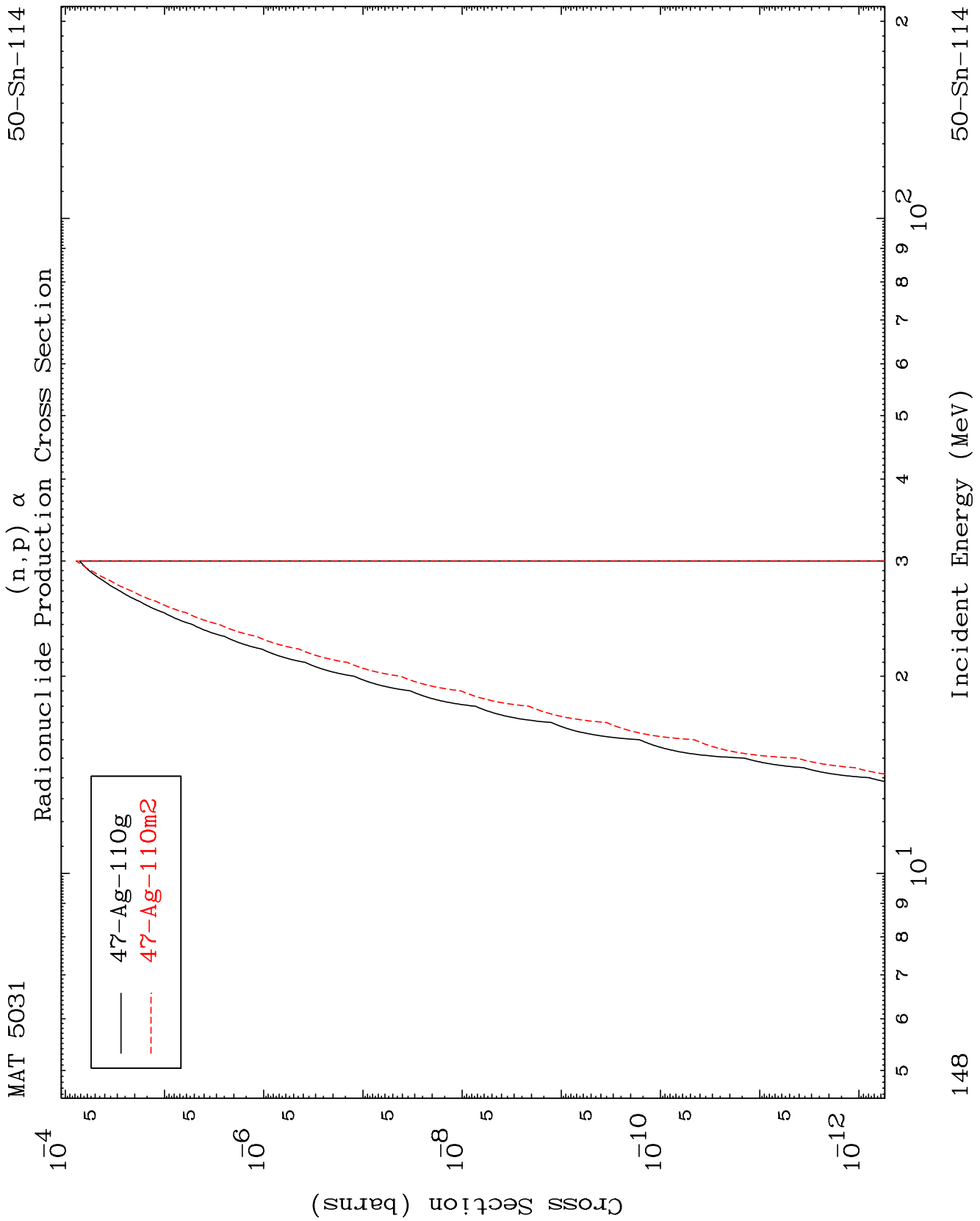
(n,2p)  
Radionuclide Production Cross Section



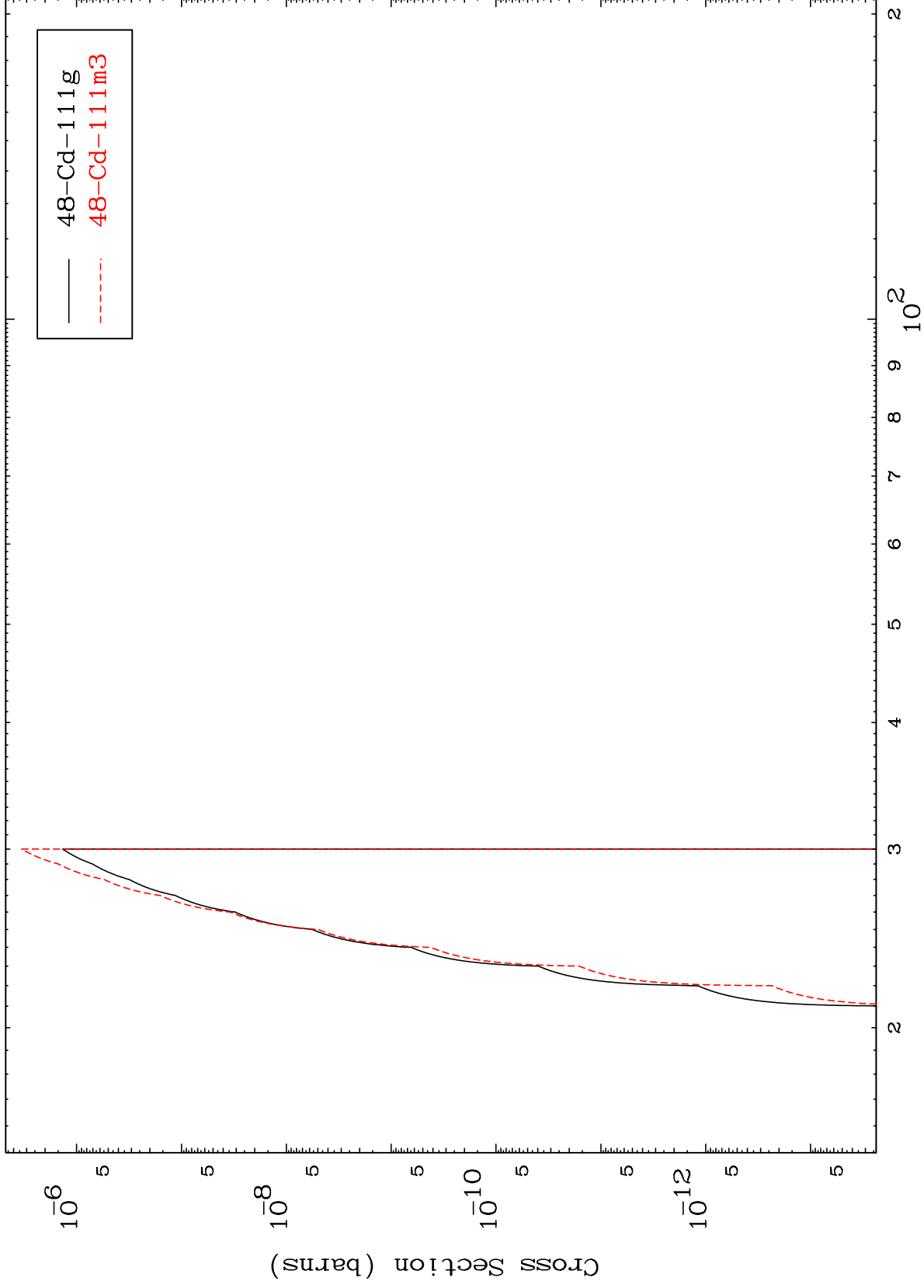
50-Sn-114

Incident Energy (MeV)

147



Radionuclide Production Cross Section

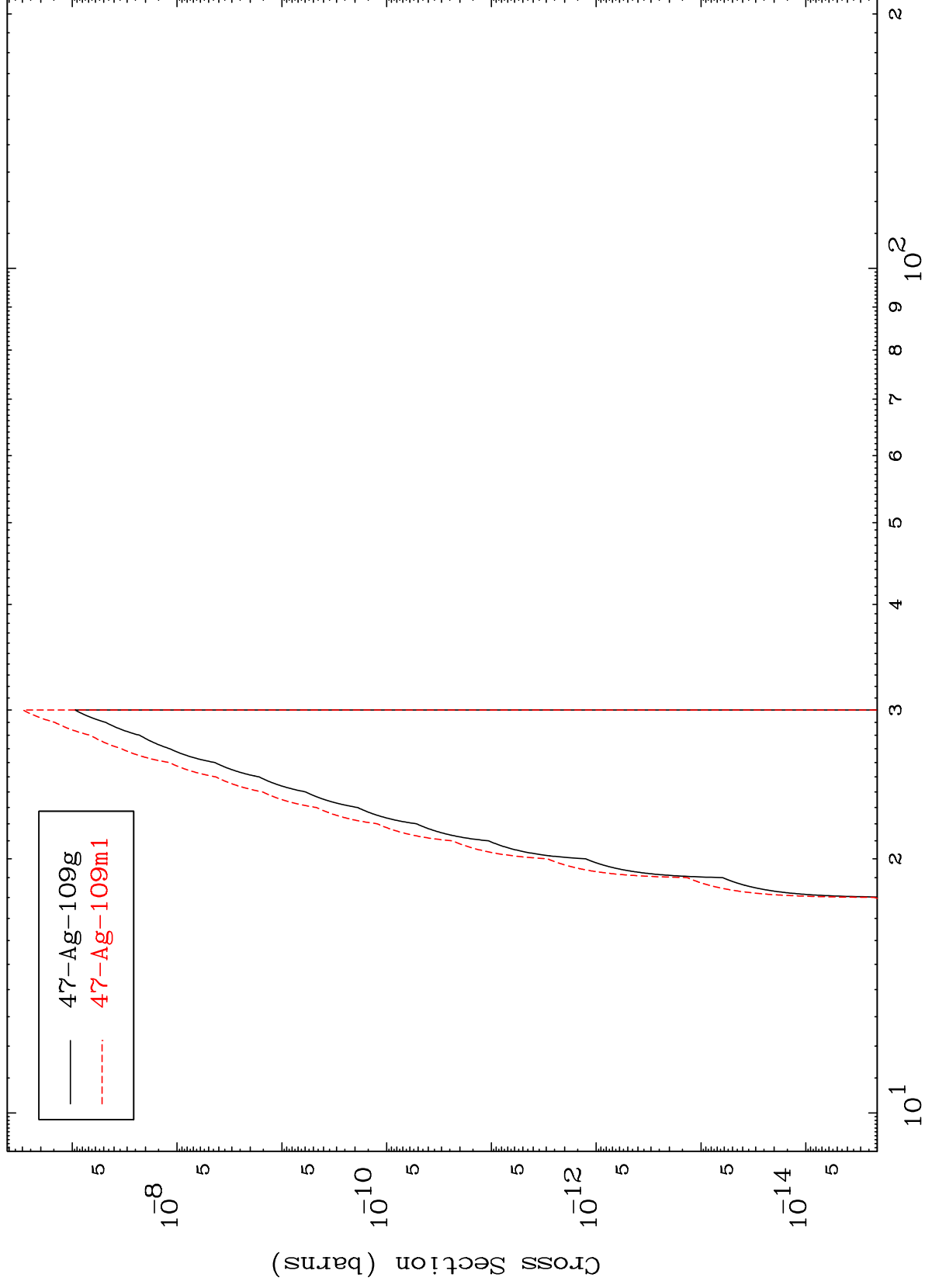


MAT 5031

50-Sn-114

(n,d)  $\alpha$

Radionuclide Production Cross Section



50-Sn-114

Incident Energy (MeV)

150