

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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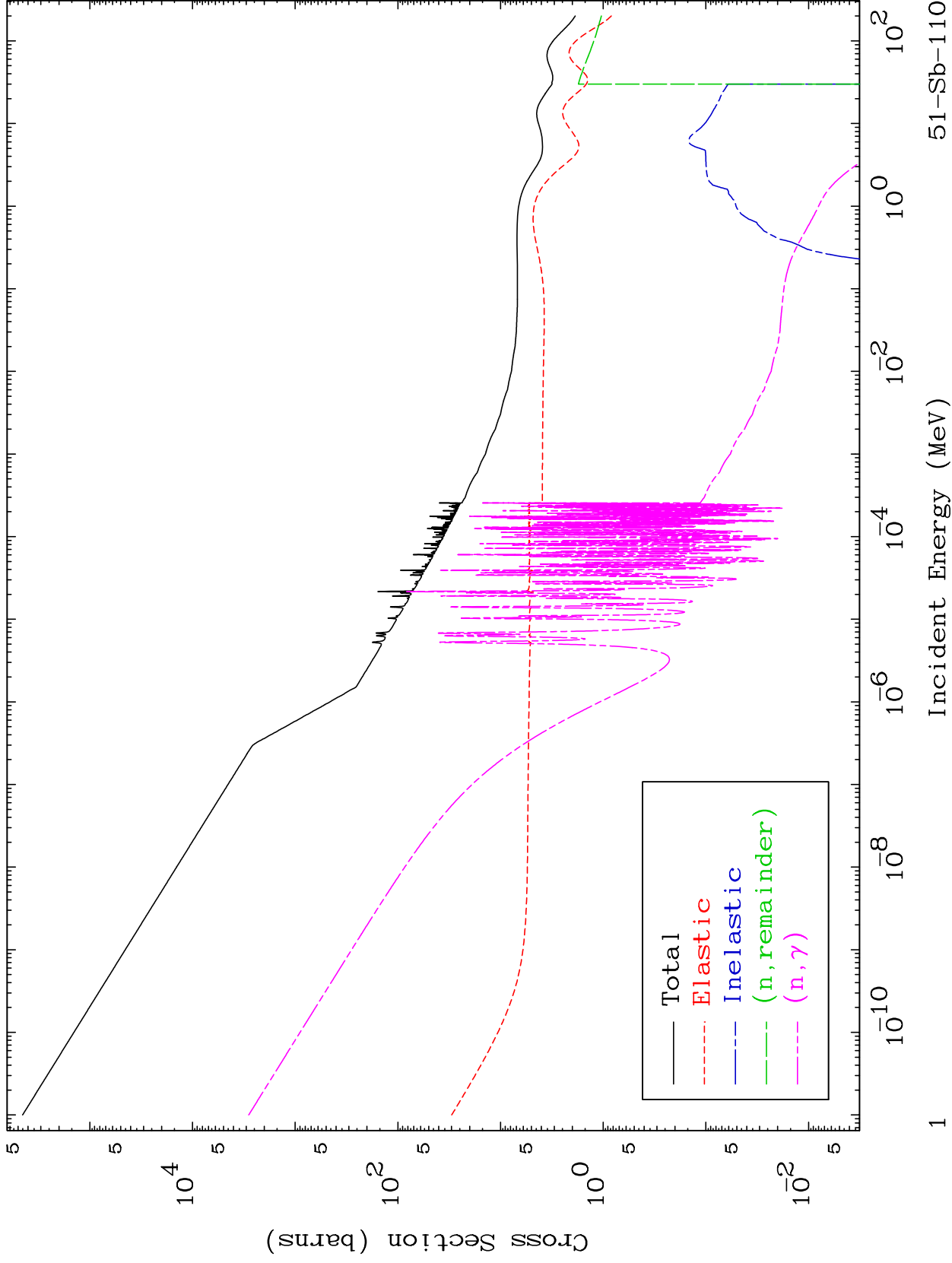
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5092

Major  
293 Kelvin Cross Sections

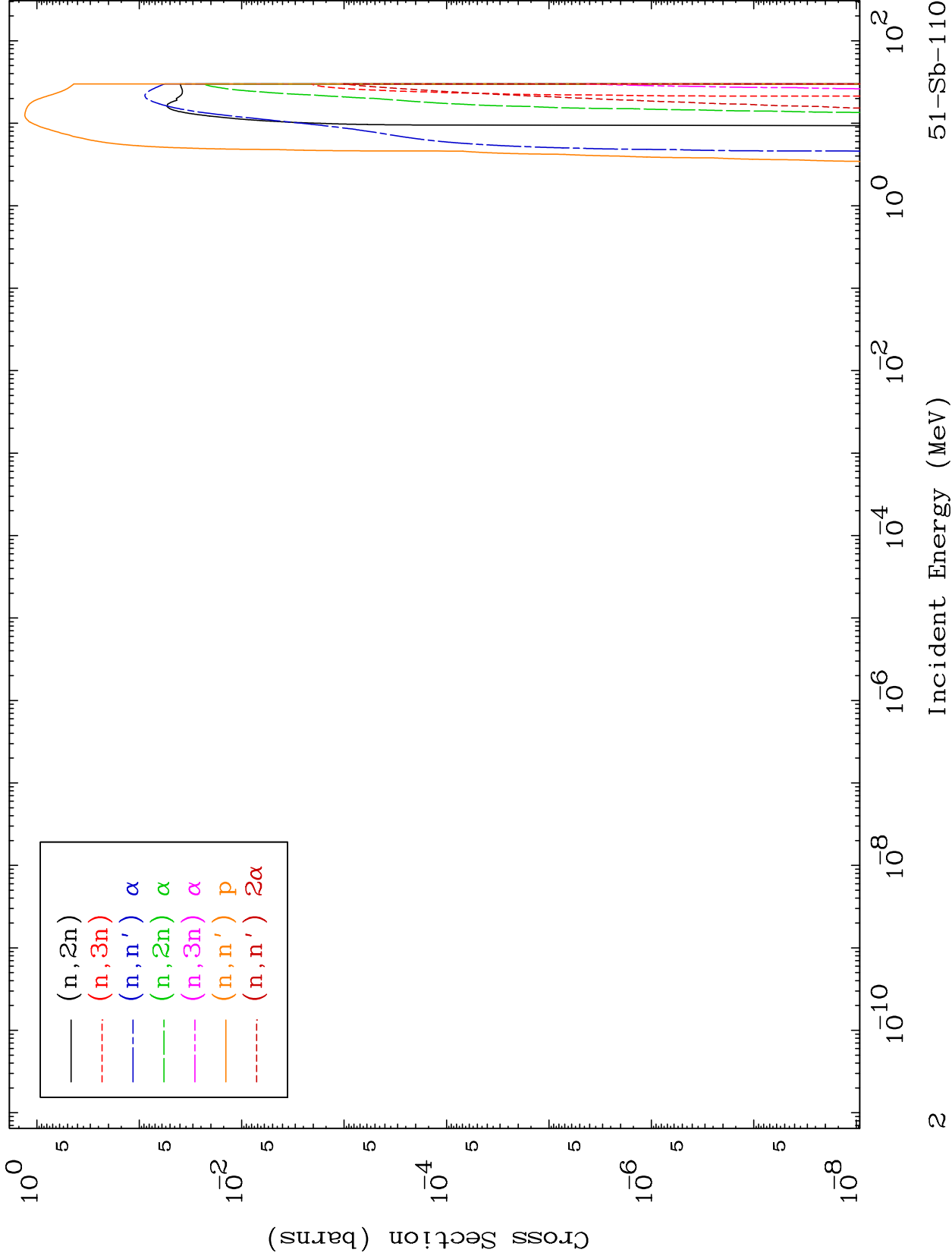
51-Sb-110

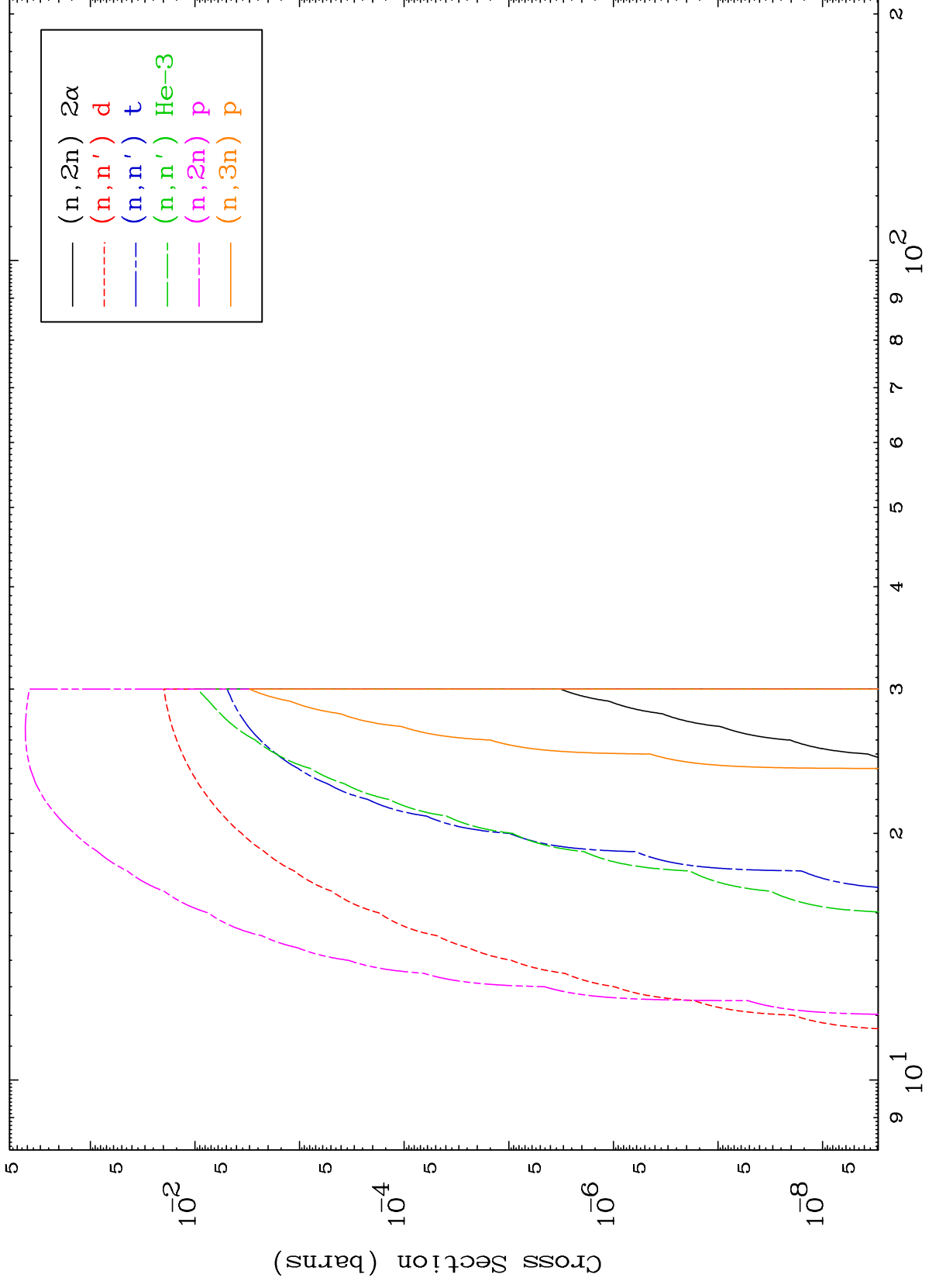


MAT 5092

Neutron Production  
293 Kelvin Cross Sections

51-Sb-110

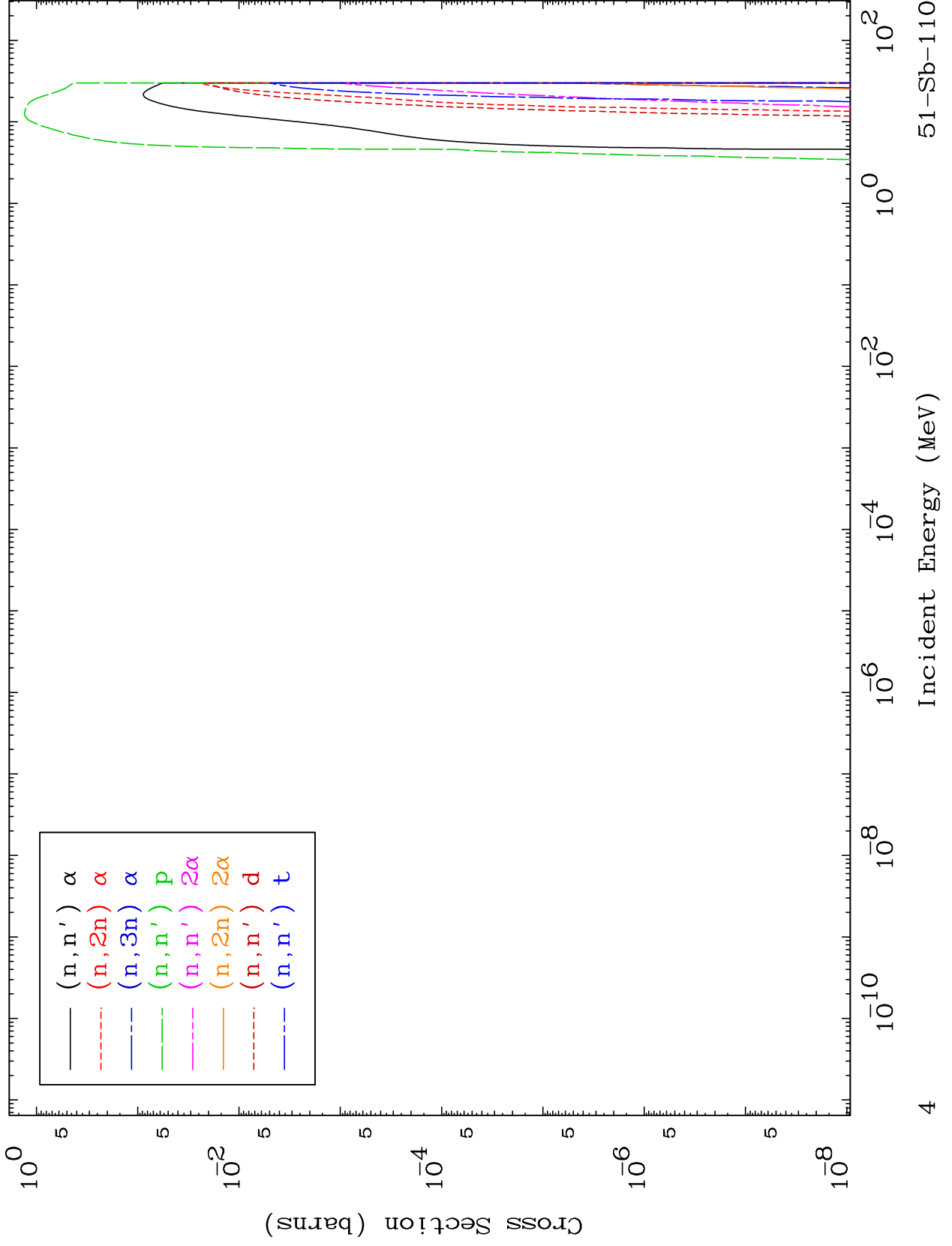


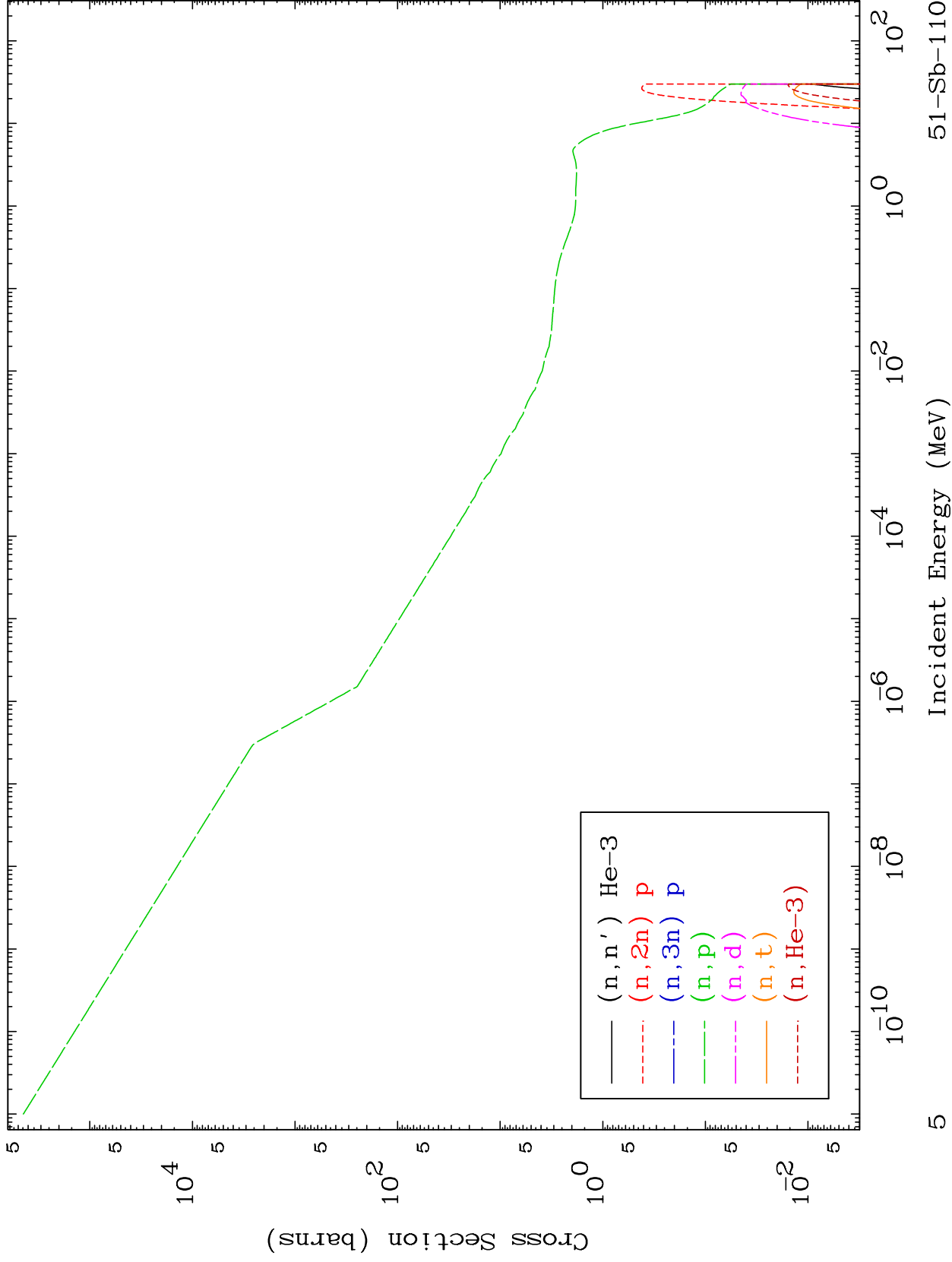


MAT 5092

Charged Particle  
293 Kelvin Cross Sections

51-Sb-110

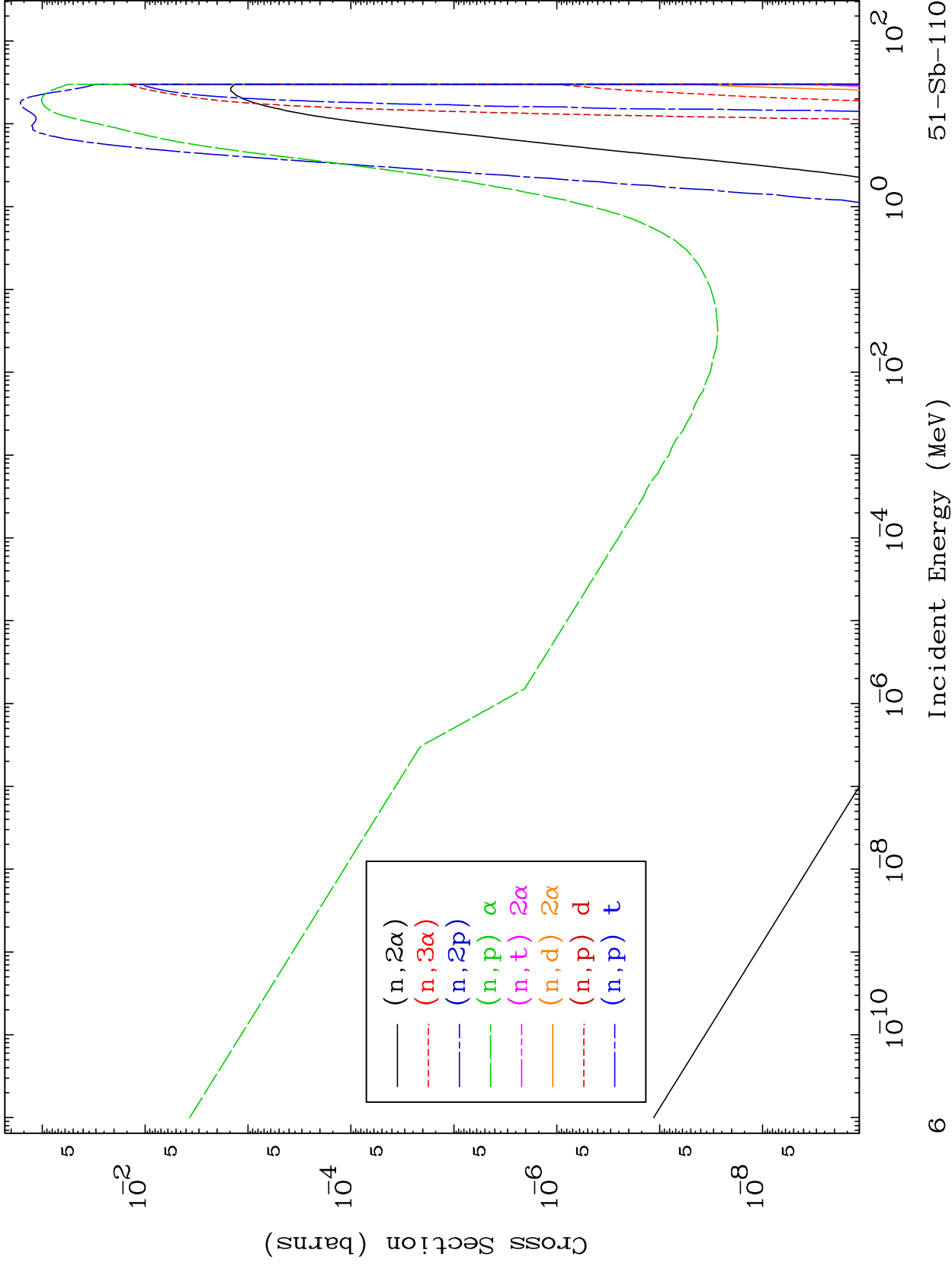




MAT 5092

Charged Particle  
293 Kelvin Cross Sections

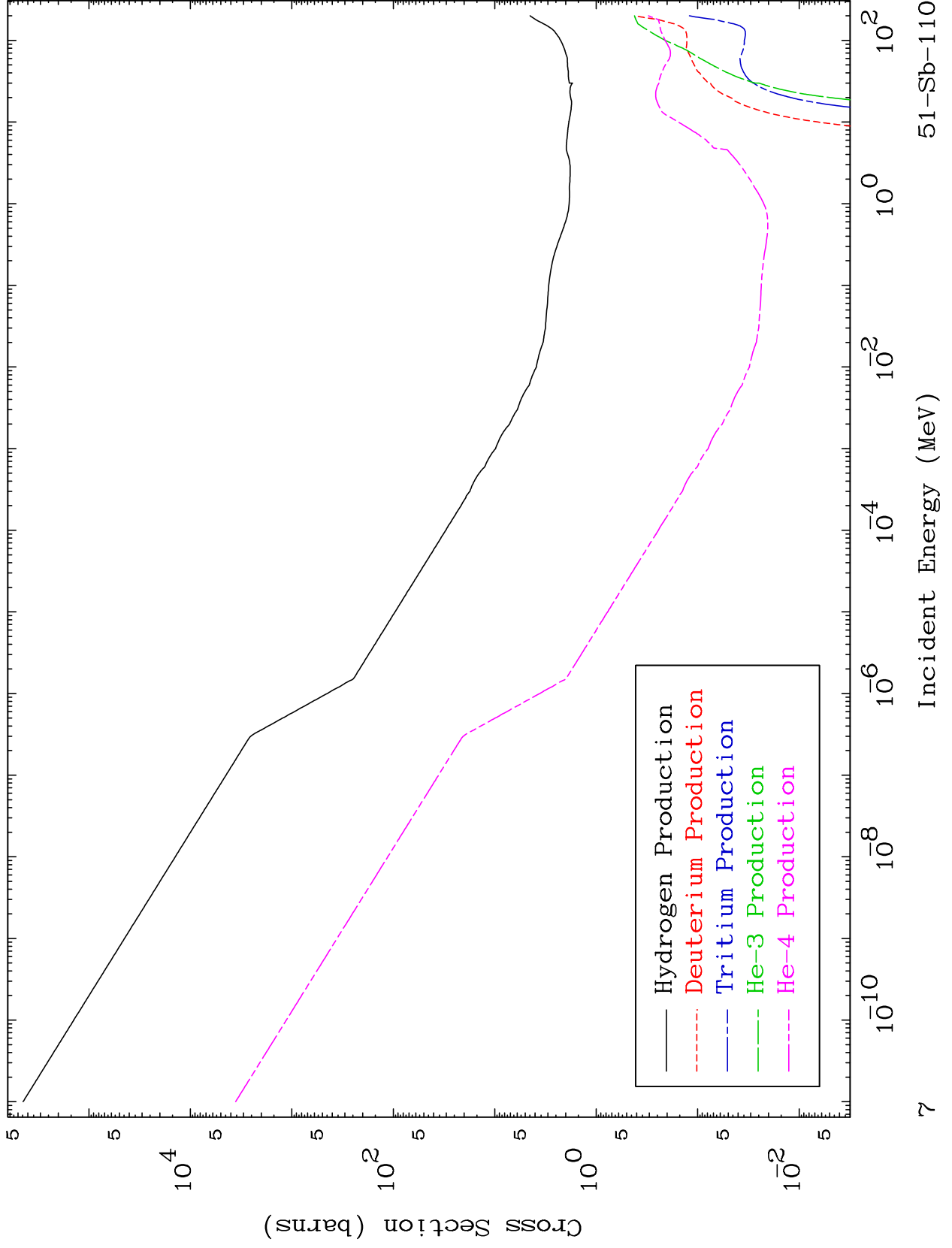
51-Sb-110



MAT 5092

Particle Production  
293 Kelvin Cross Sections

51-Sb-110



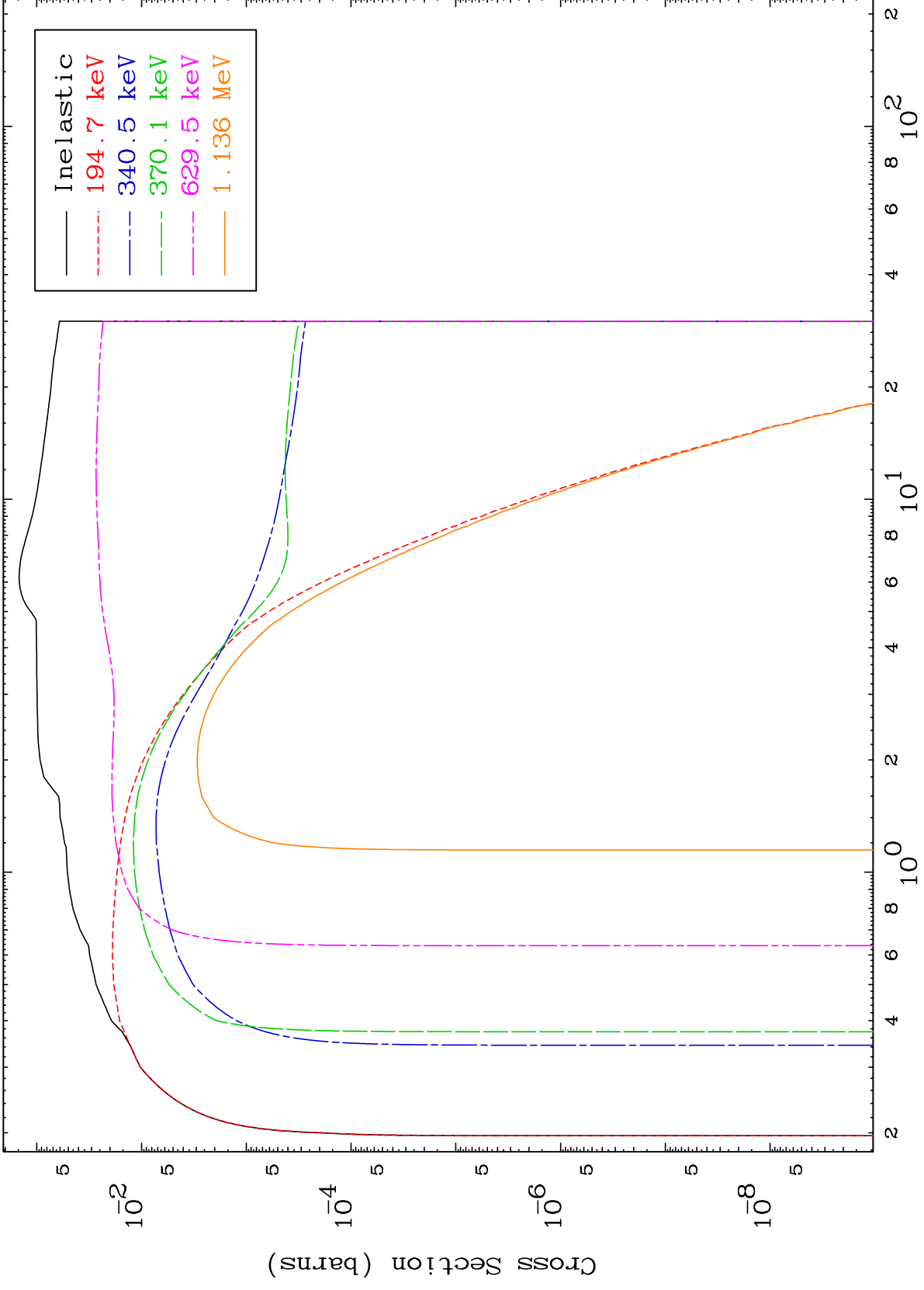


MAT 5092

(n,n') Level

51-Sb-110

293 Kelvin Cross Sections



8

Incident Energy (MeV)

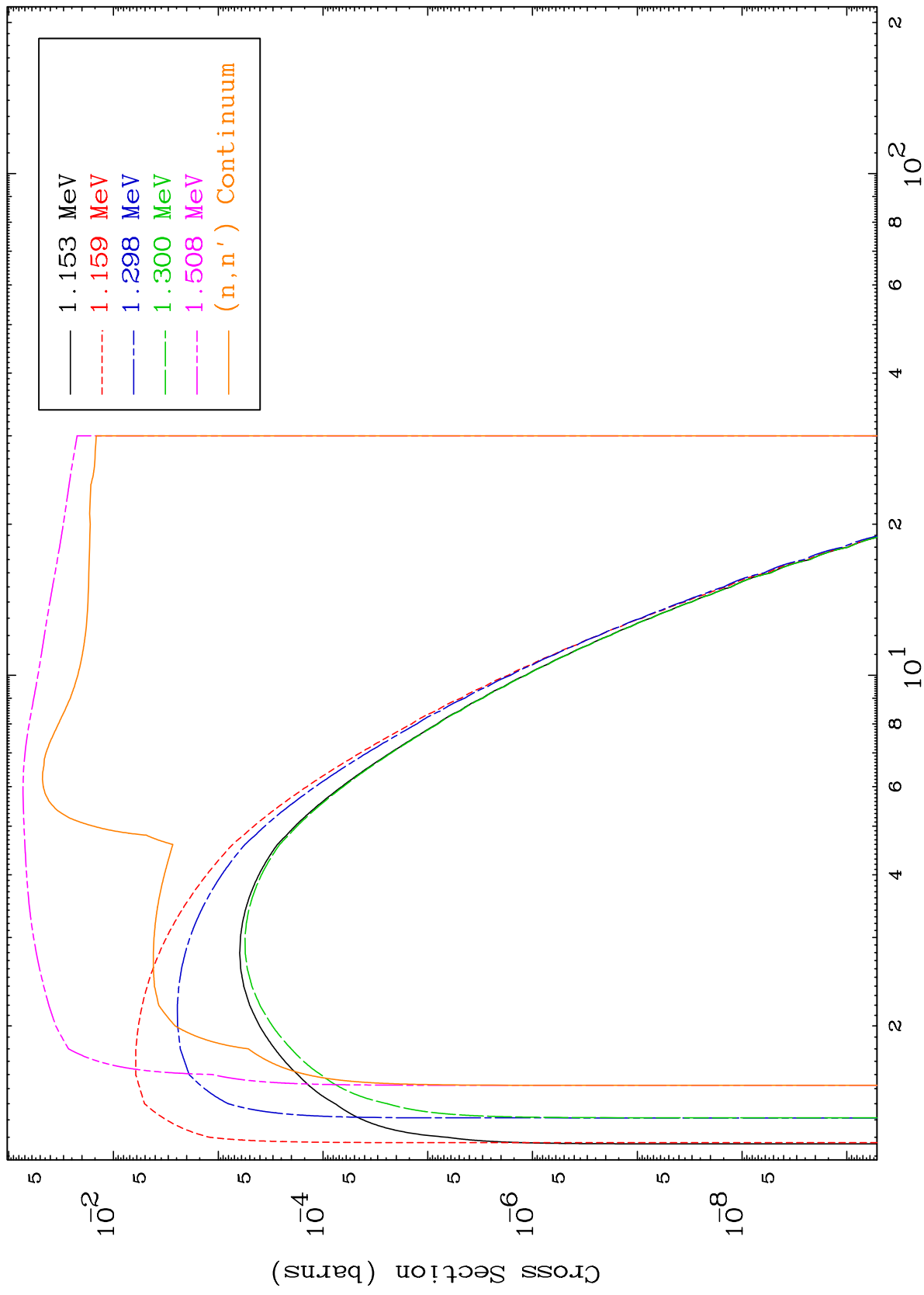
51-Sb-110

MAT 5092

(n,n') Level

51-Sb-110

293 Kelvin Cross Sections



9

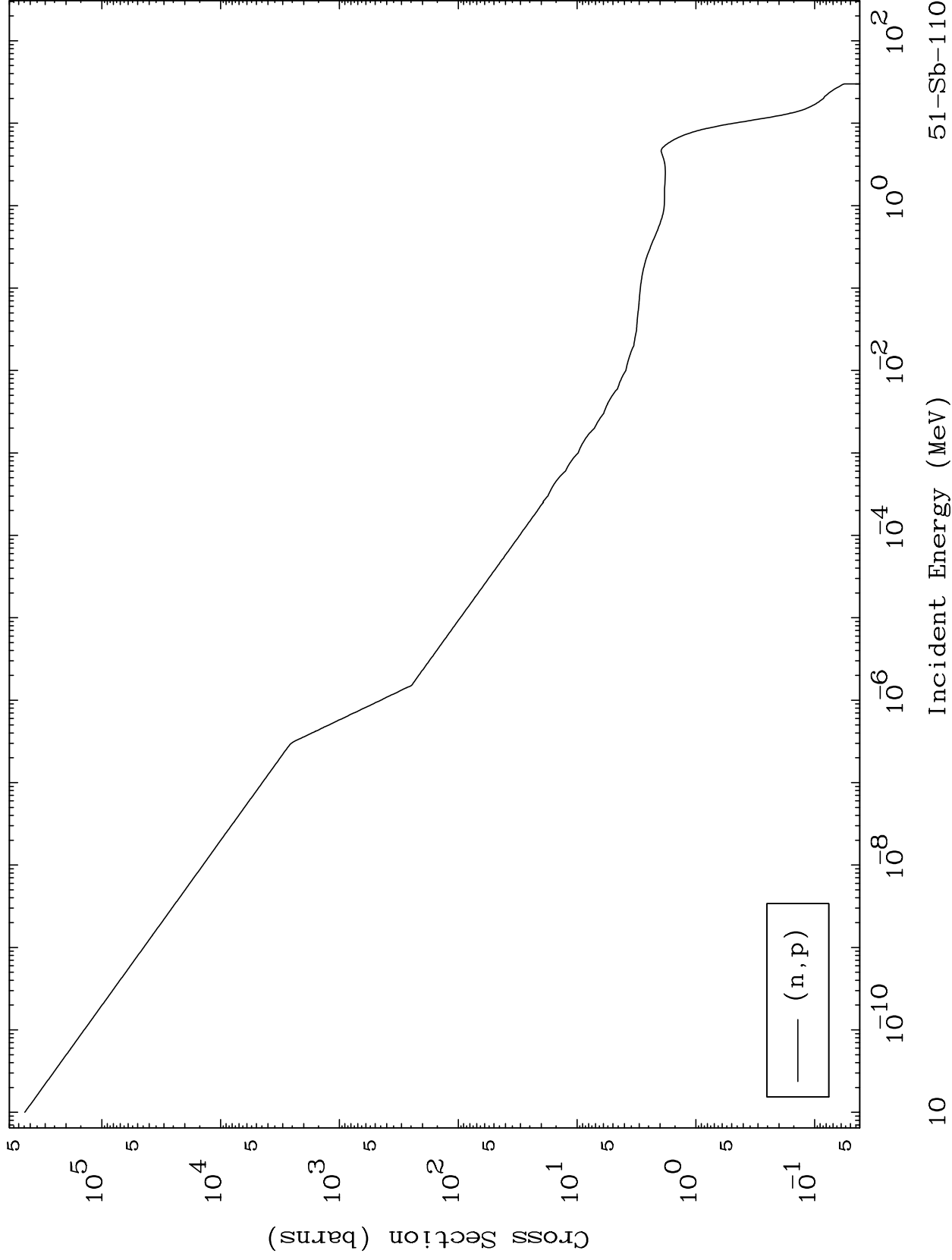
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,p) Levels  
293 Kelvin Cross Sections

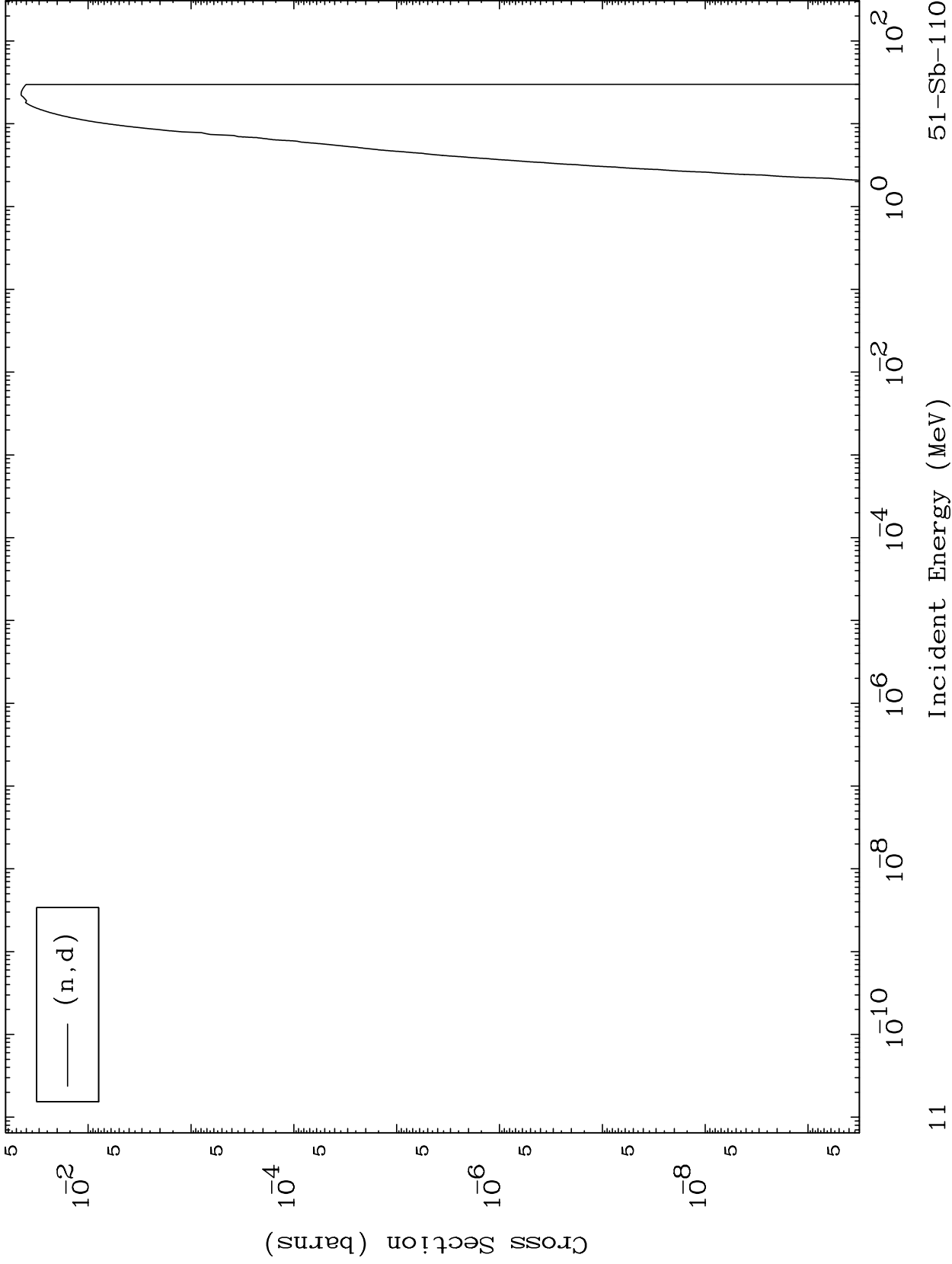
51-Sb-110



MAT 5092

(n,d) Levels  
293 Kelvin Cross Sections

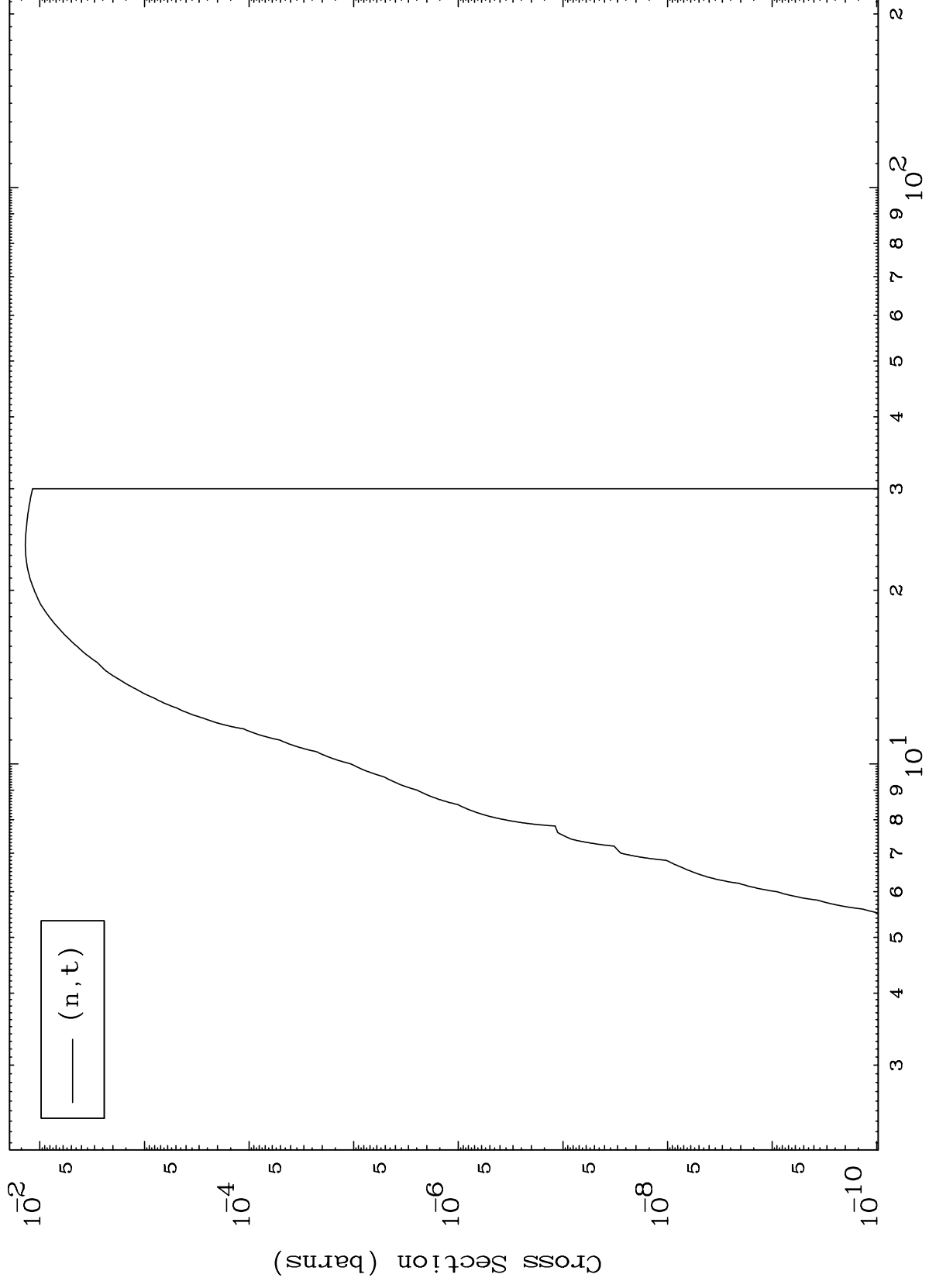
51-Sb-110



MAT 5092

(n,t) Levels  
293 Kelvin Cross Sections

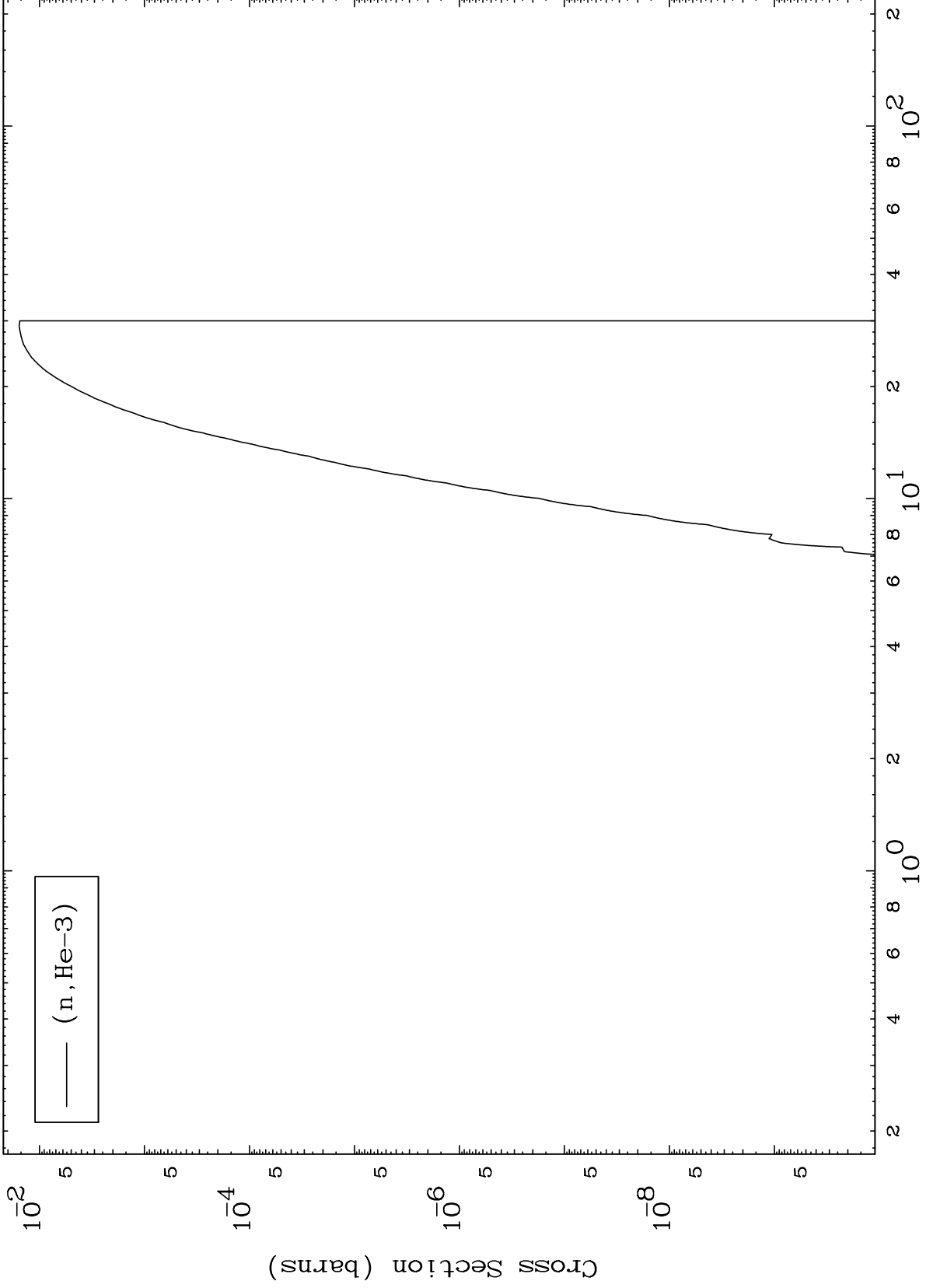
51-Sb-110



MAT 5092

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-110



13

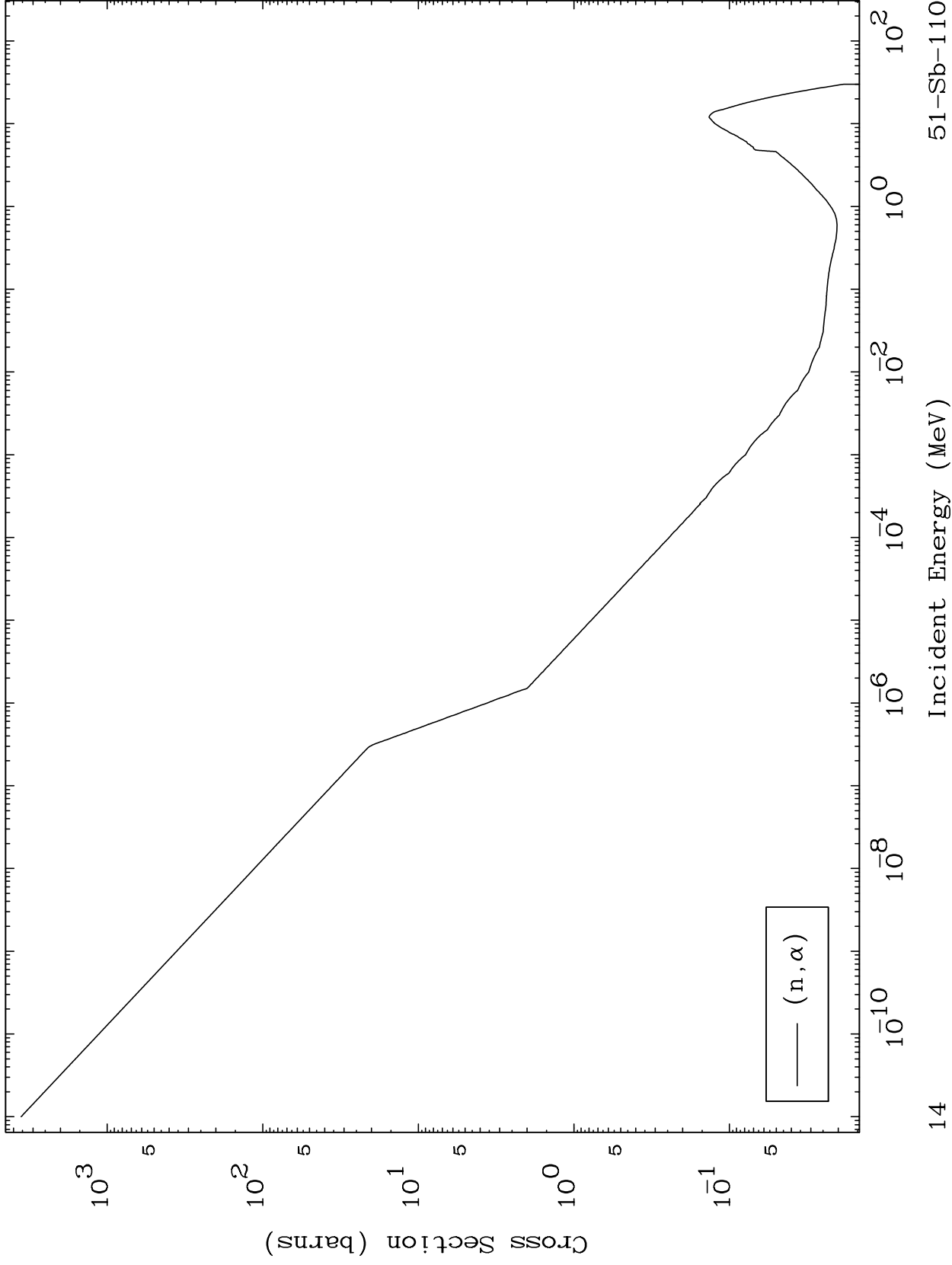
Incident Energy (MeV)

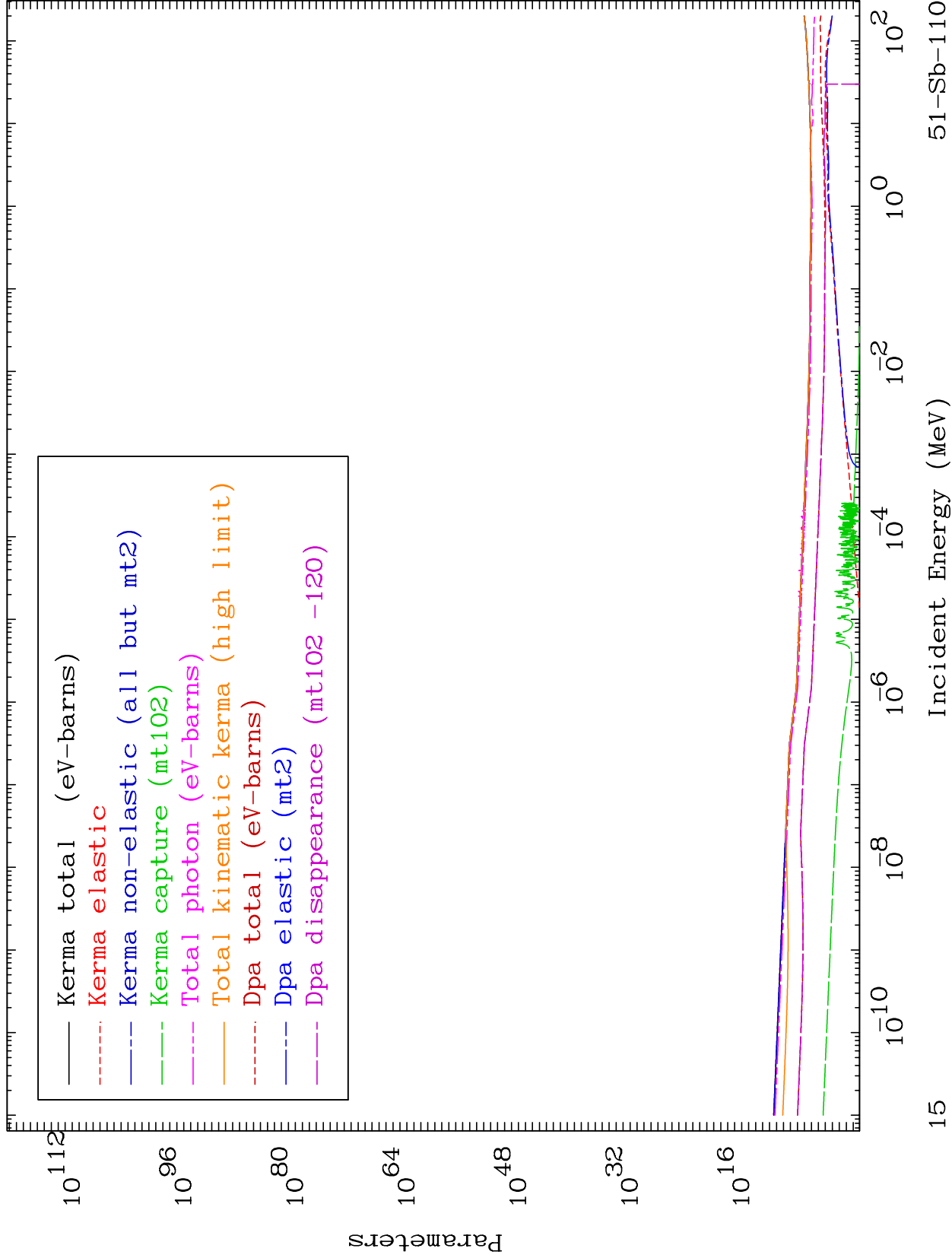
51-Sb-110

MAT 5092

(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-110



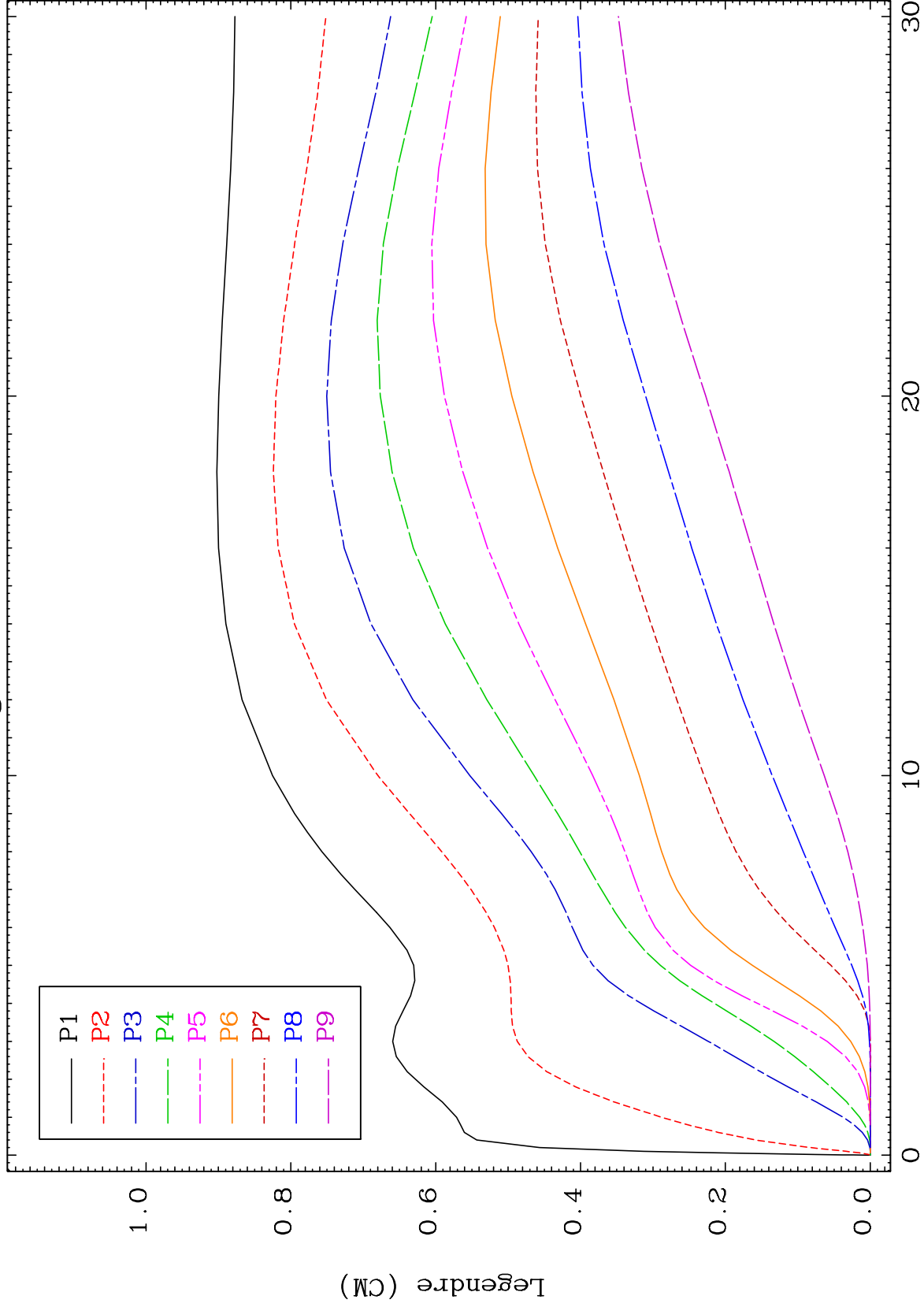




MAT 5092

Elastic Legendre Coefficients

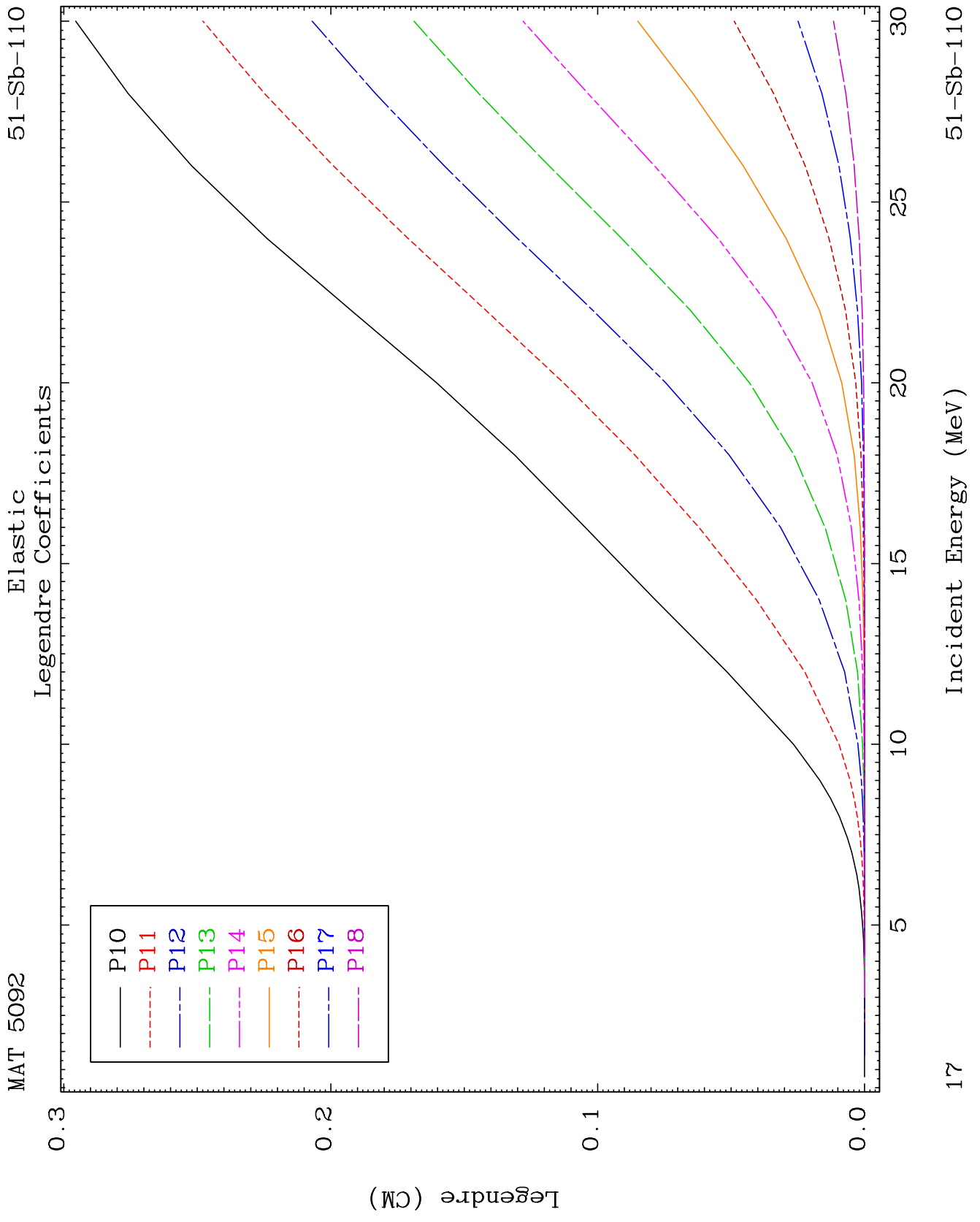
51-Sb-110



16

Incident Energy (MeV)

51-Sb-110

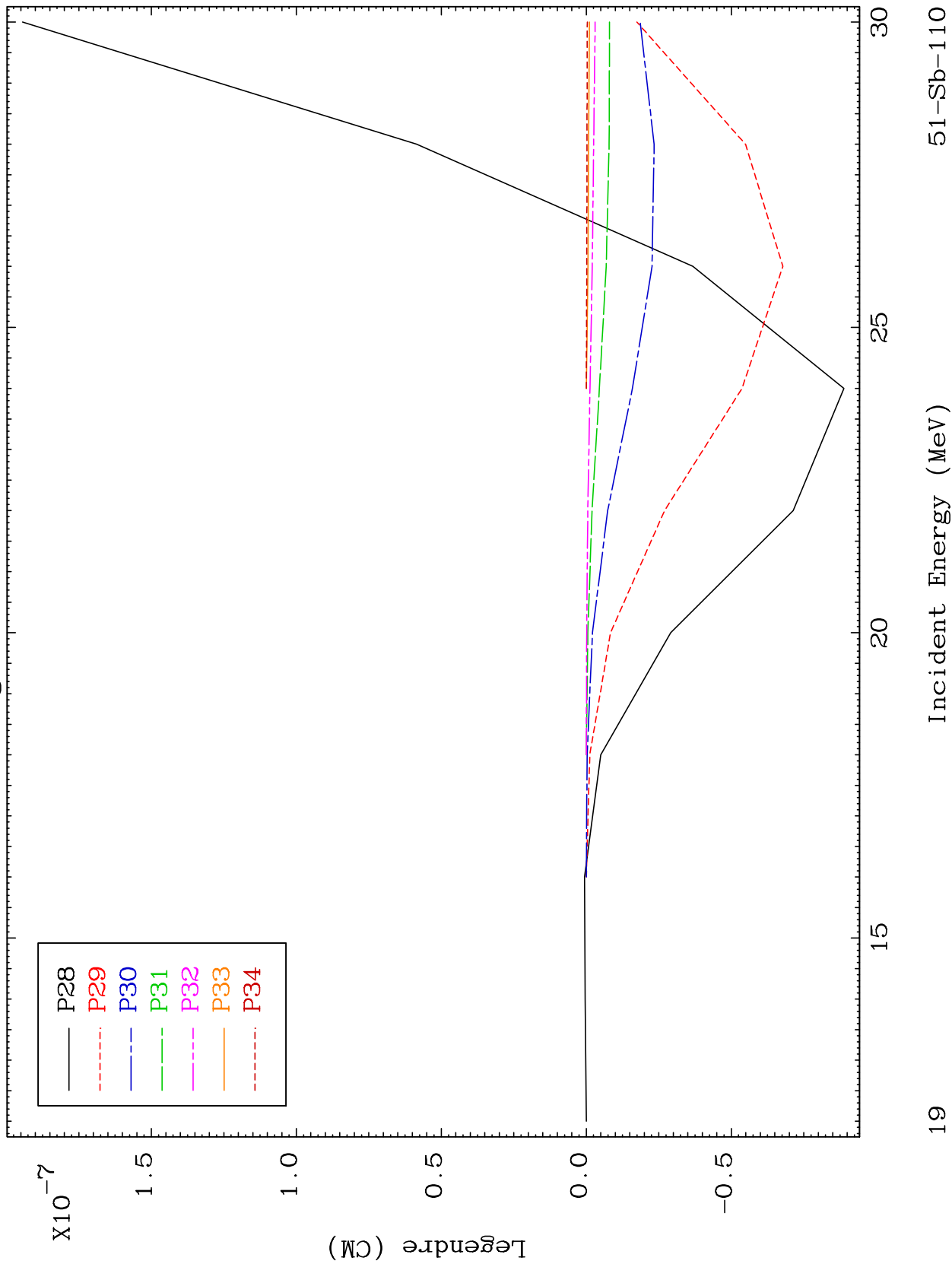




MAT 5092

Elastic  
Legendre Coefficients

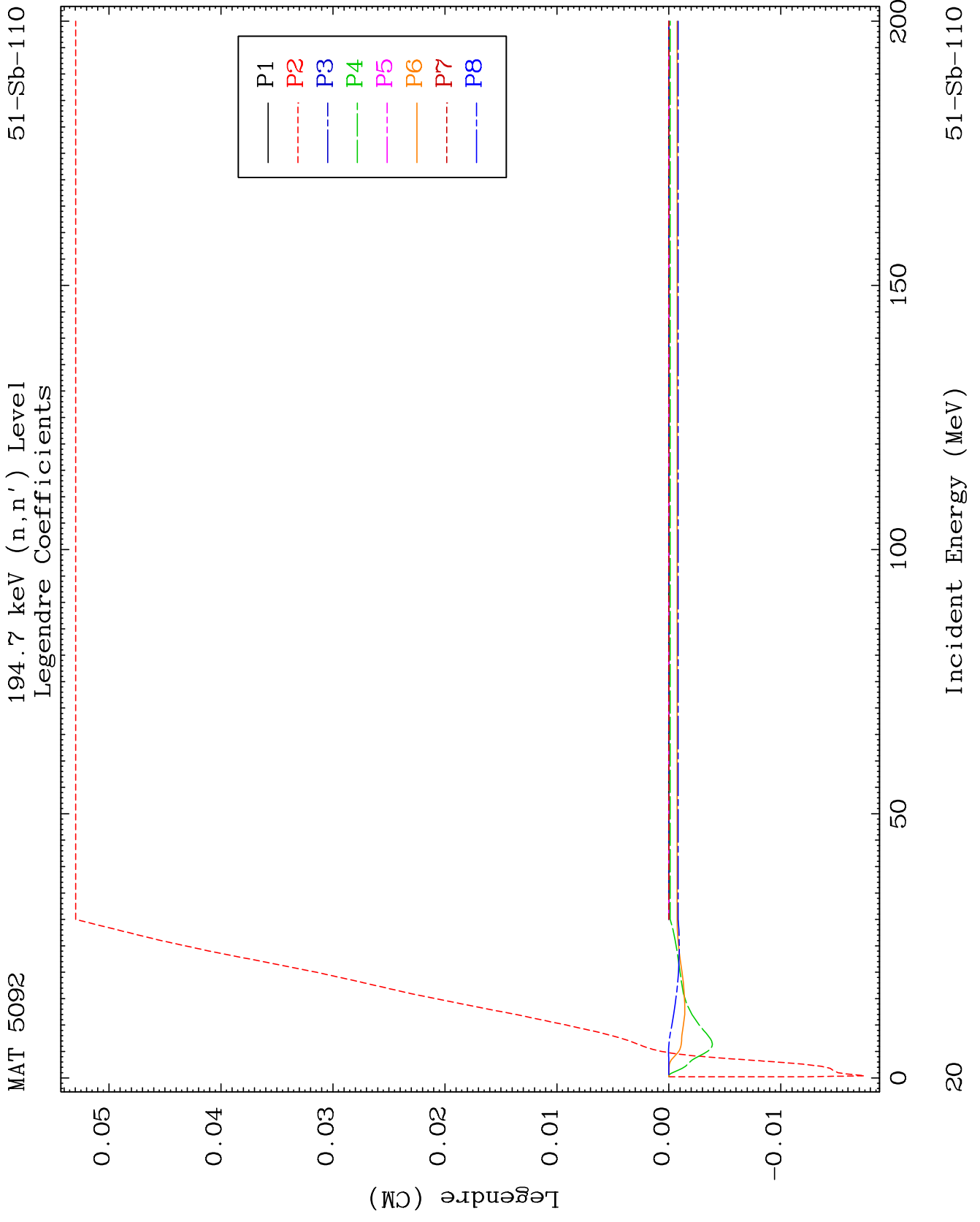
51-Sb-110

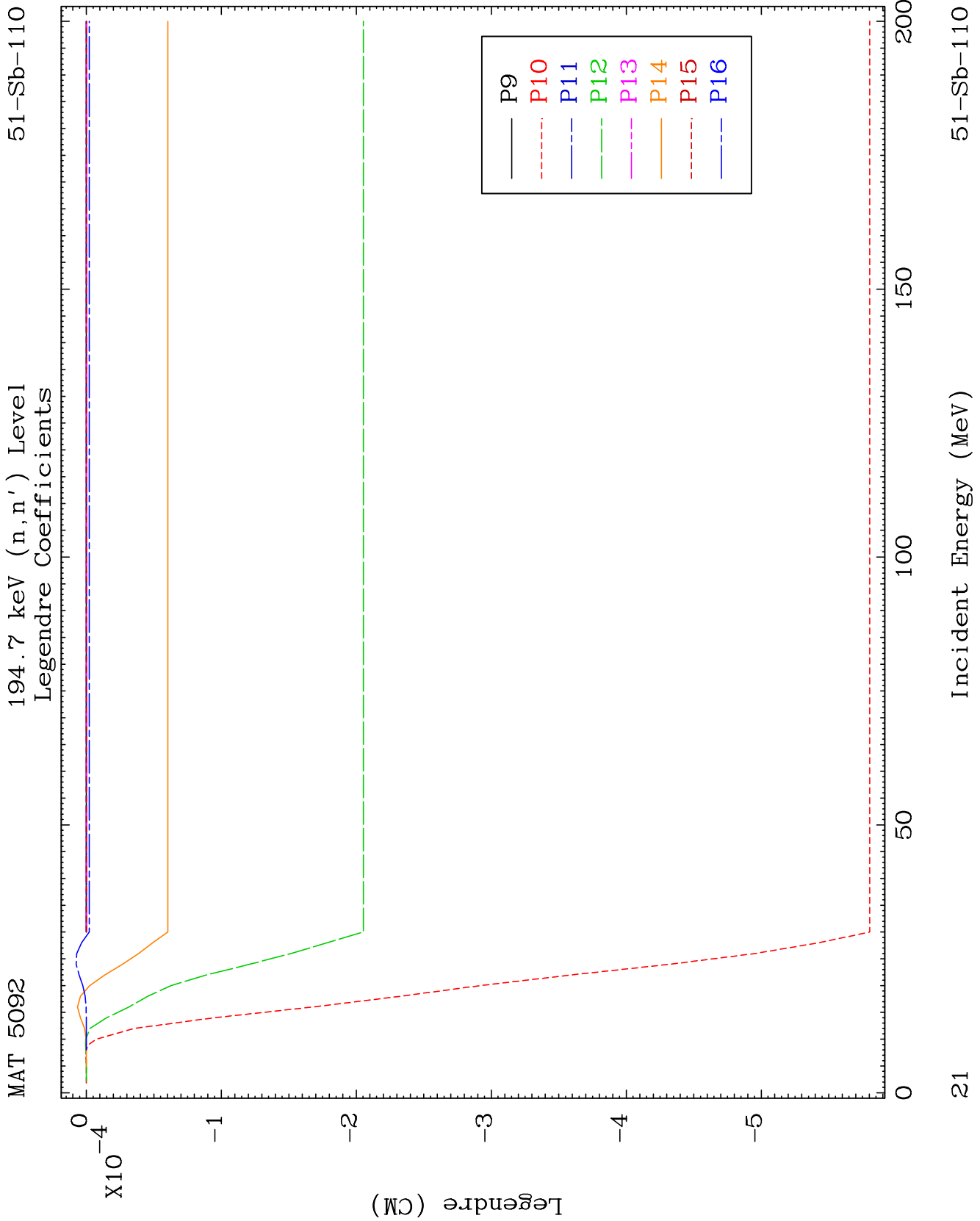


19

Incident Energy (MeV)

51-Sb-110

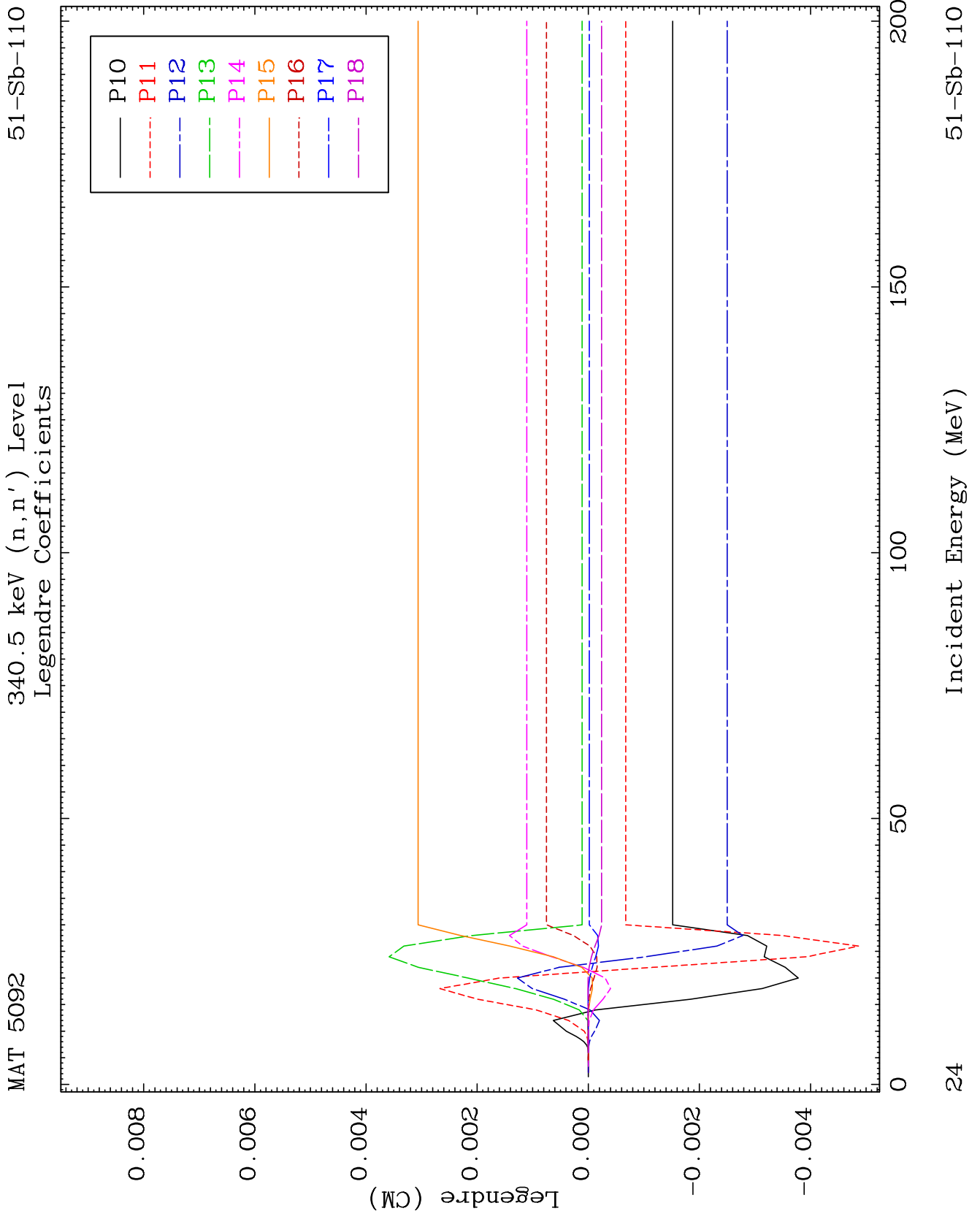


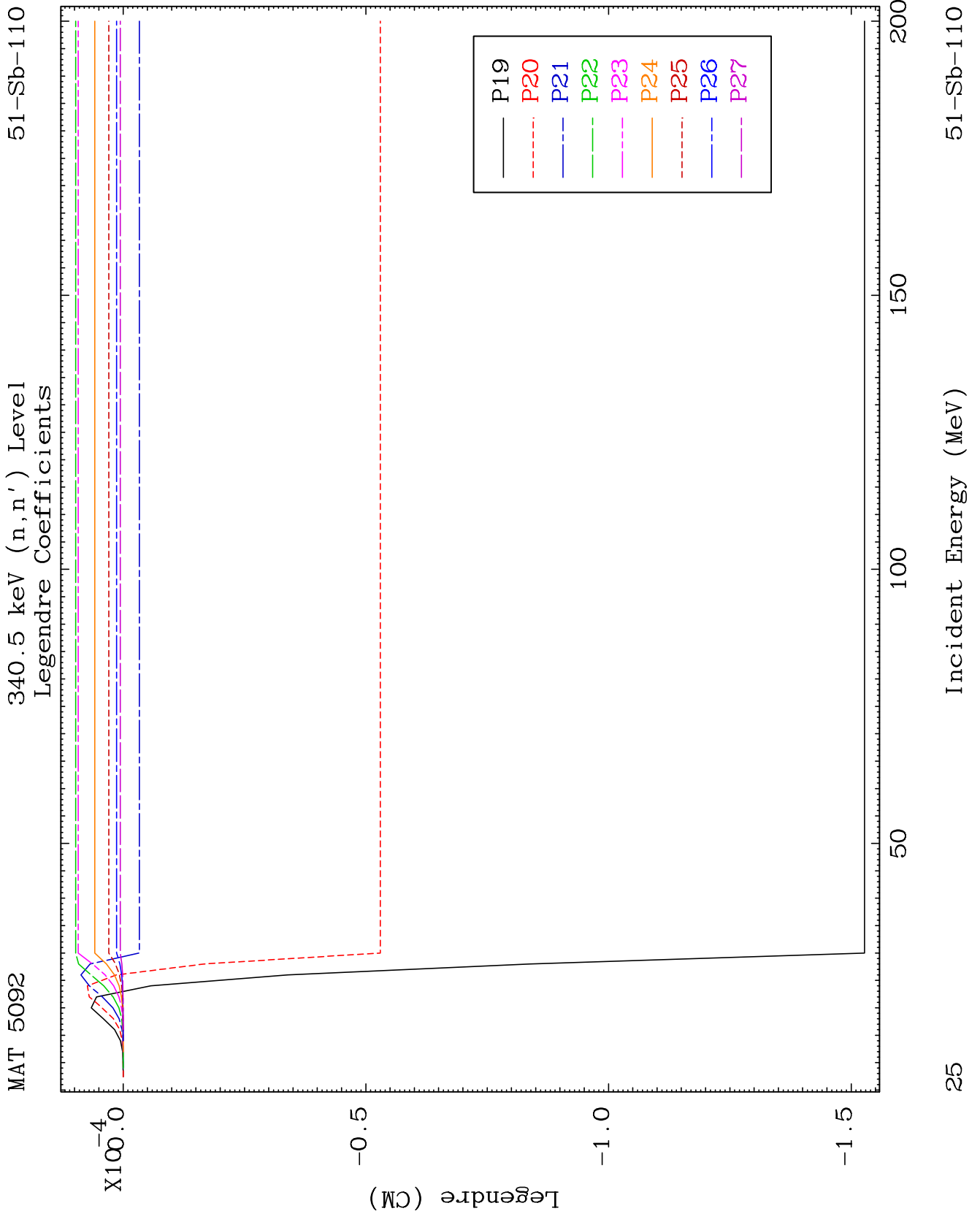


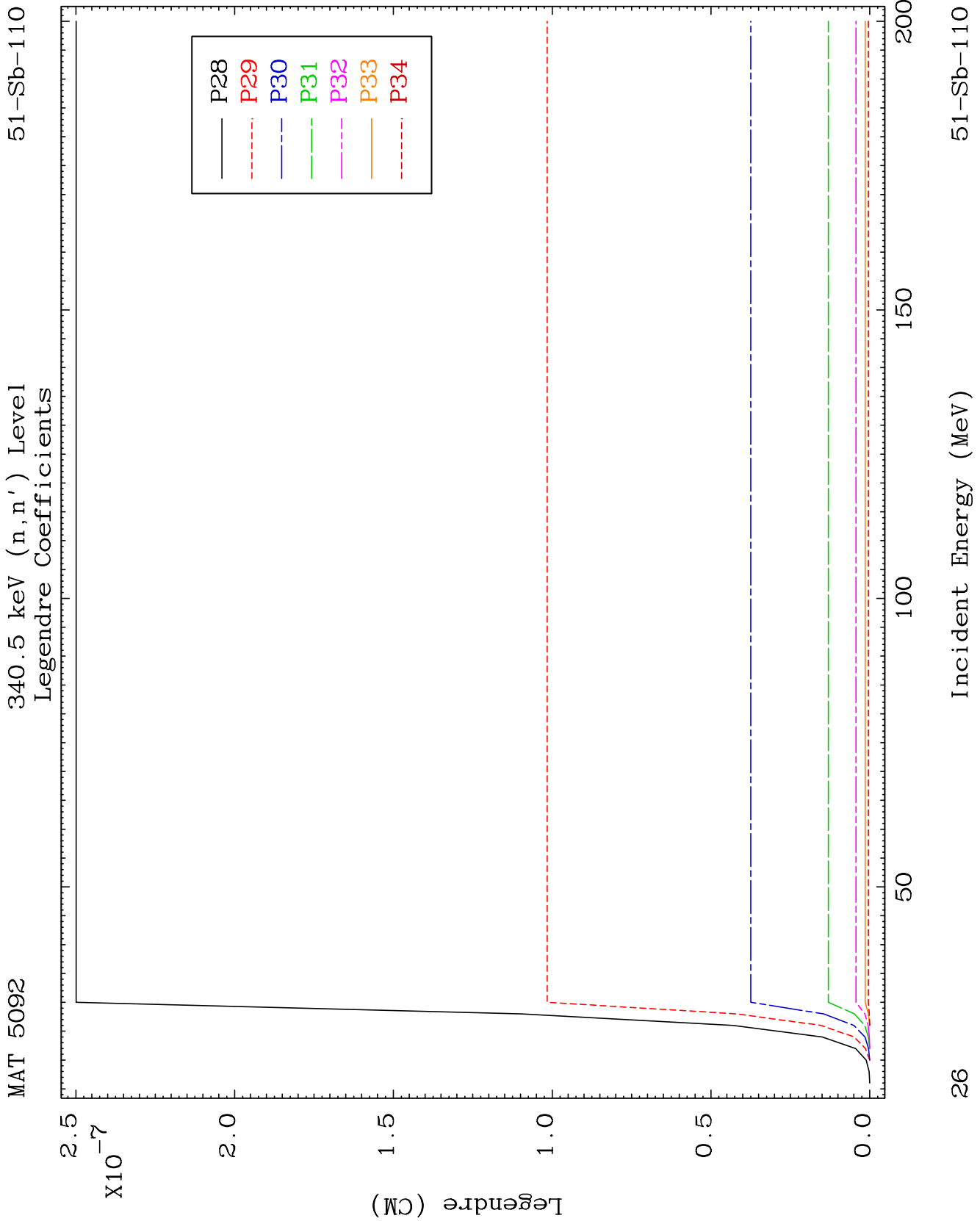


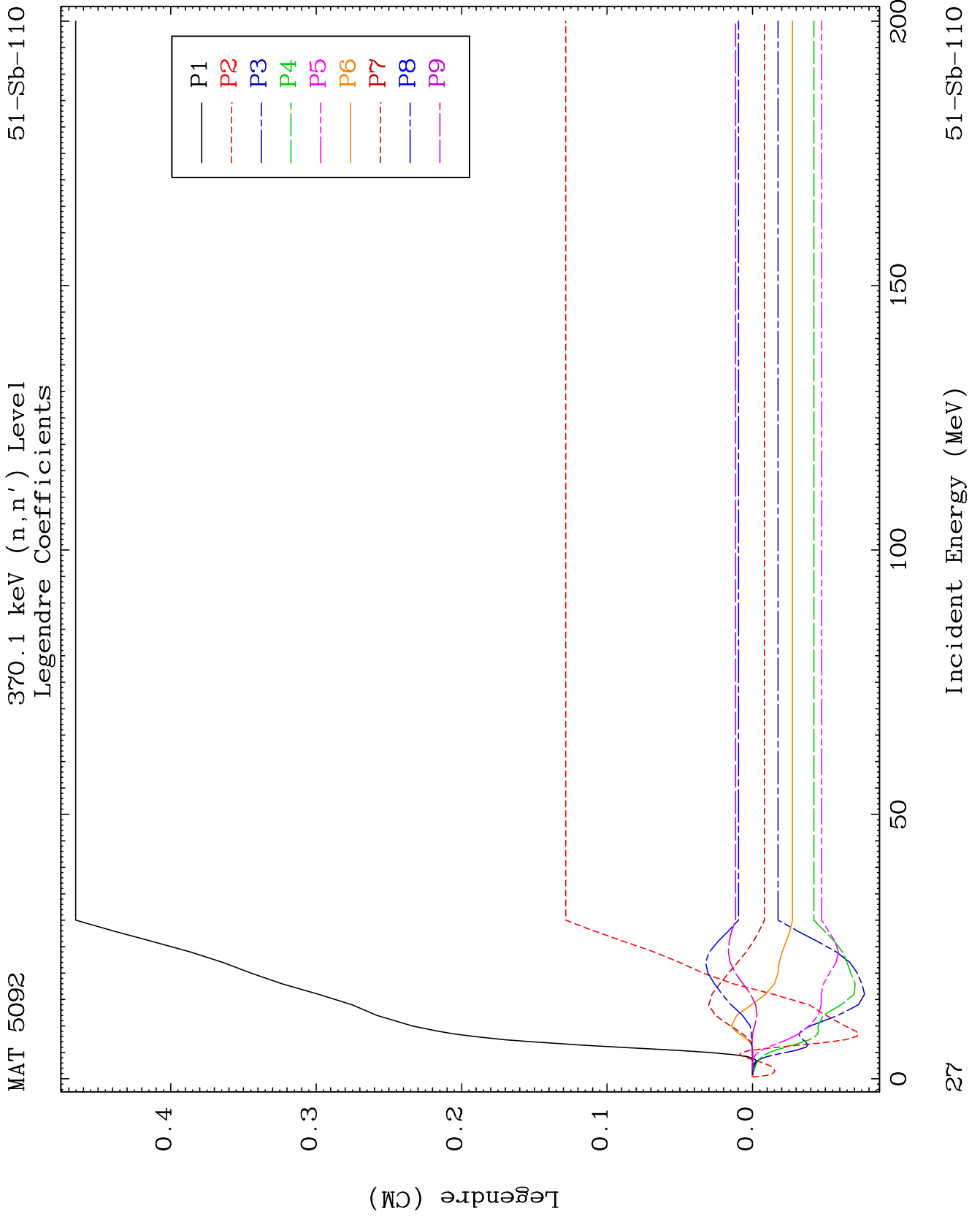


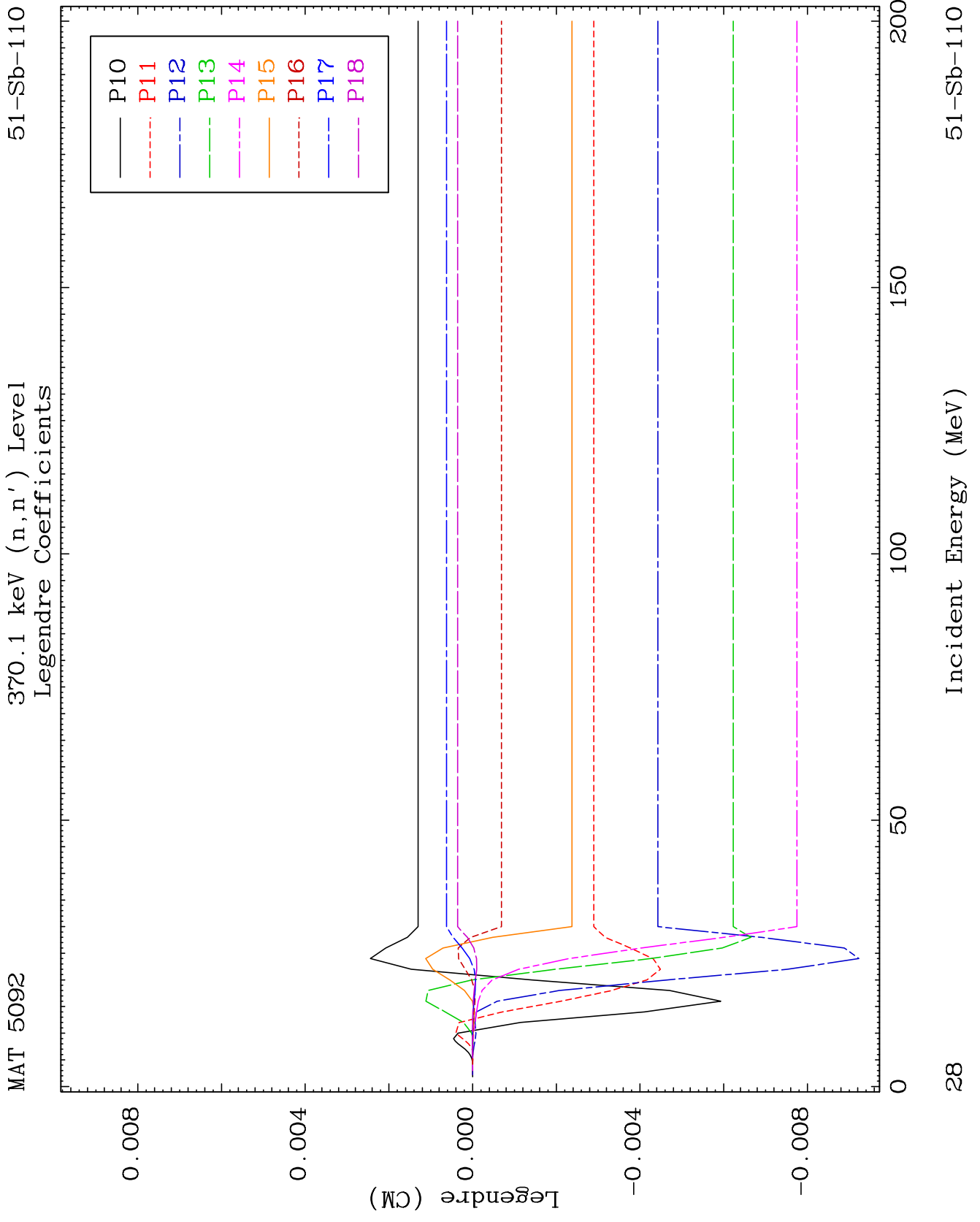


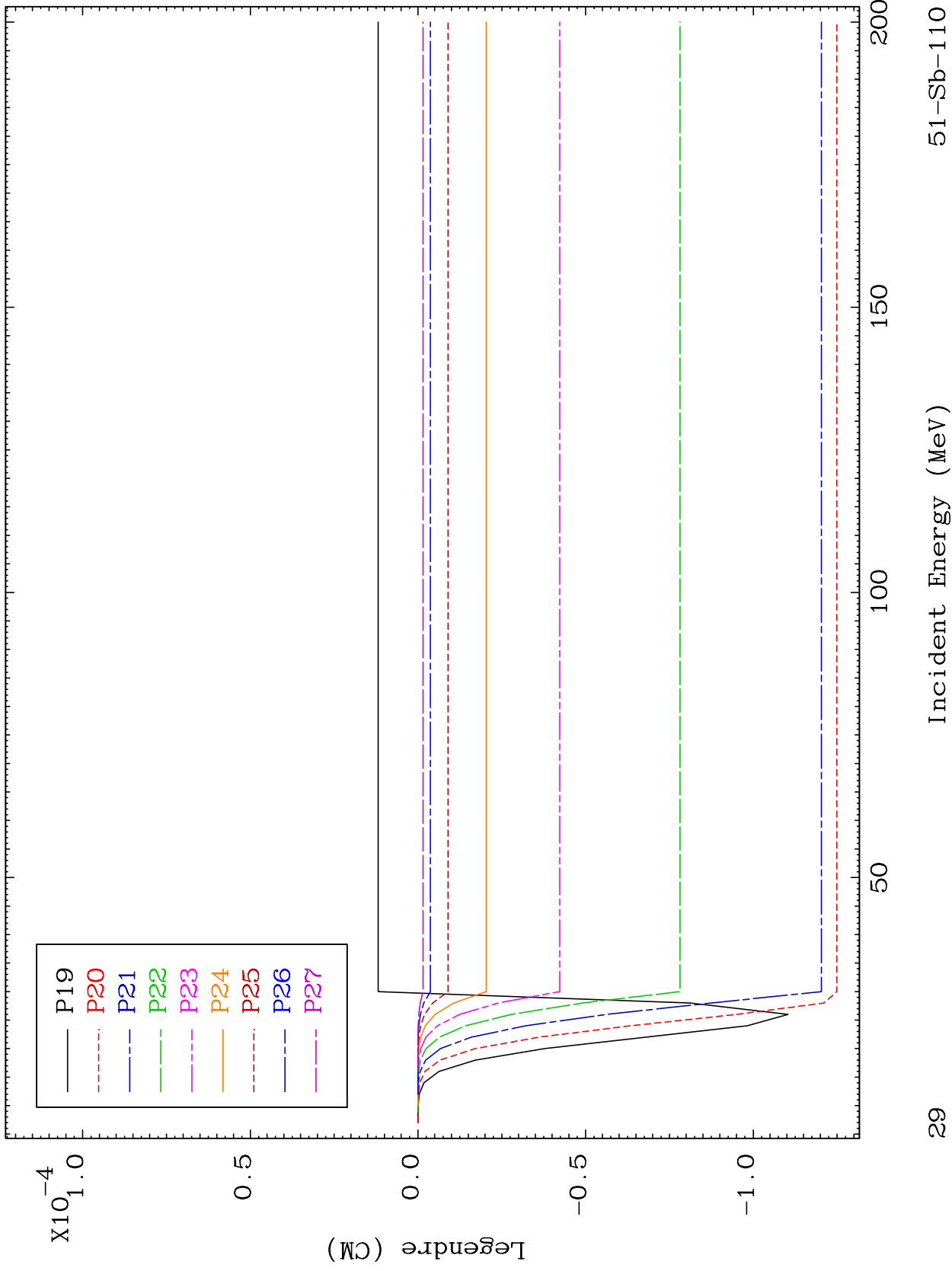


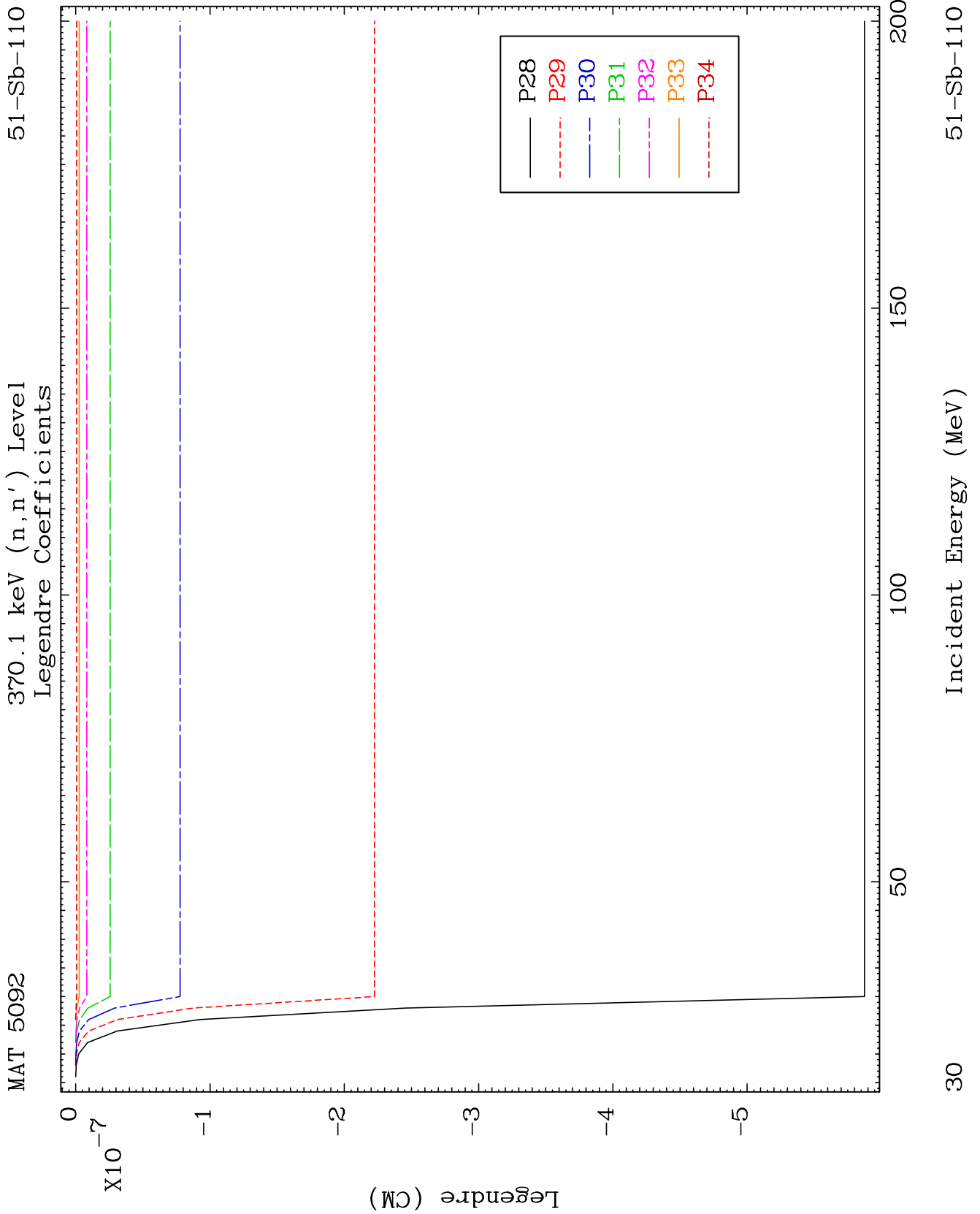








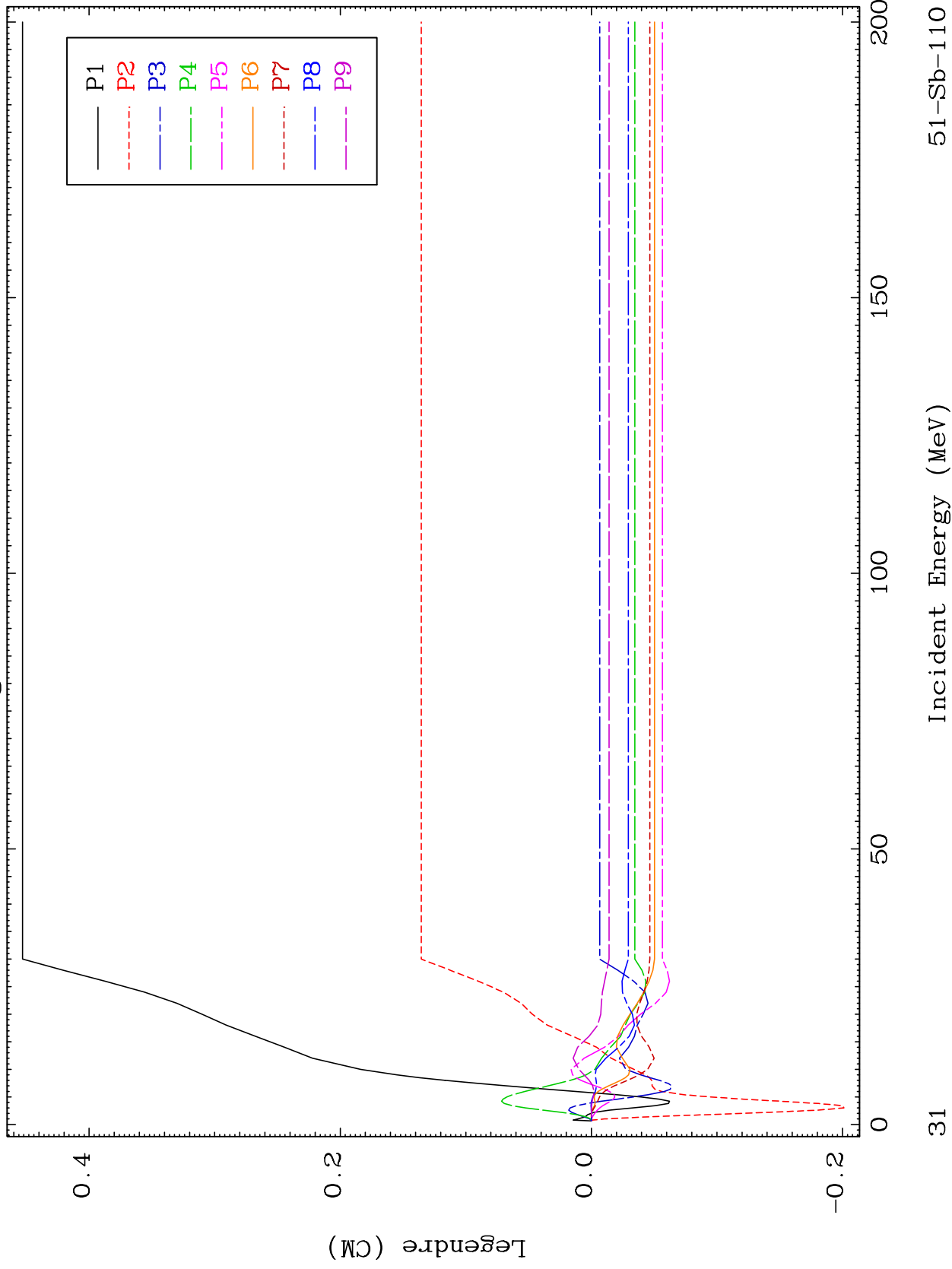




MAT 5092

629.5 keV (n,n') Level  
Legendre Coefficients

51-Sb-110



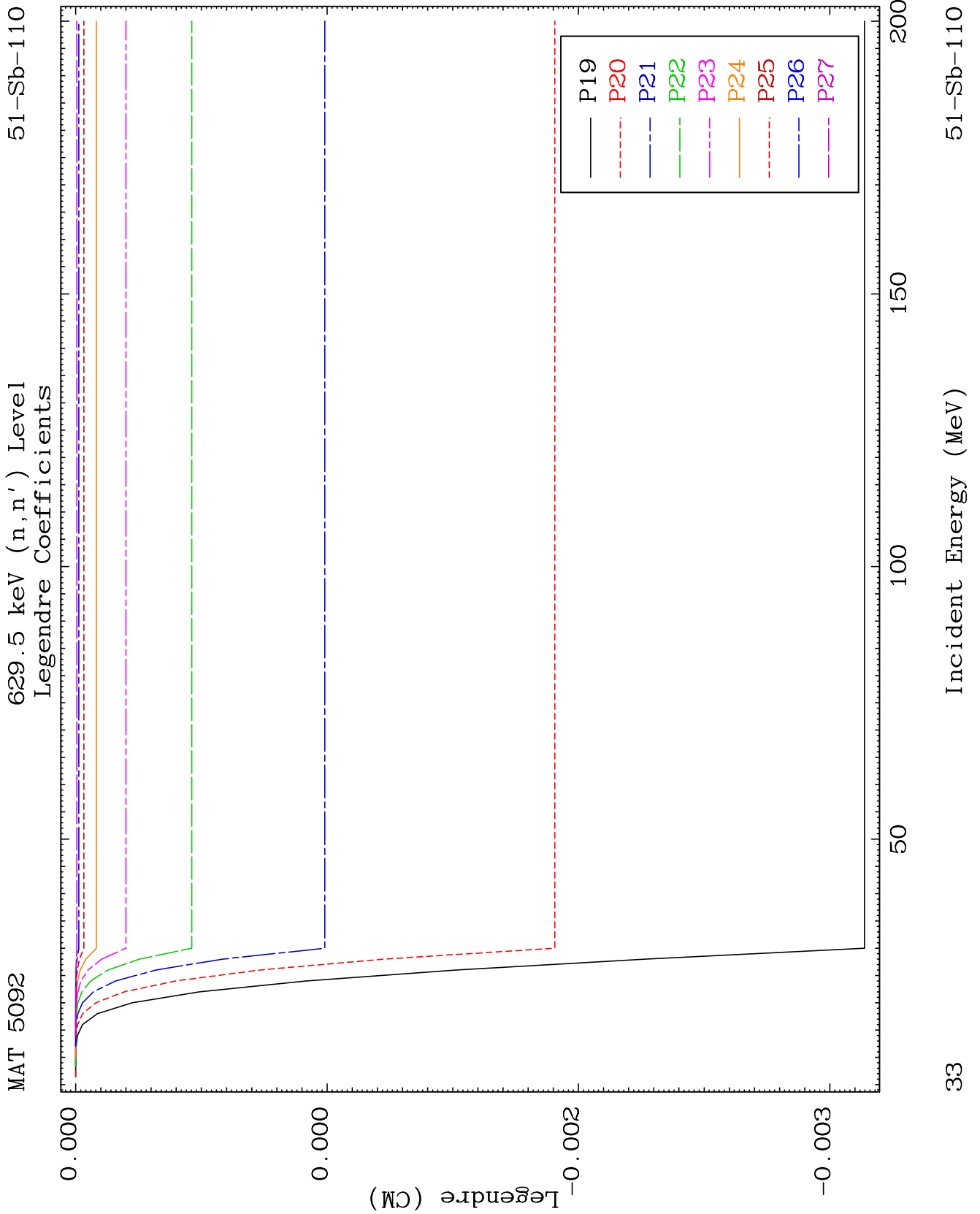
51-Sb-110

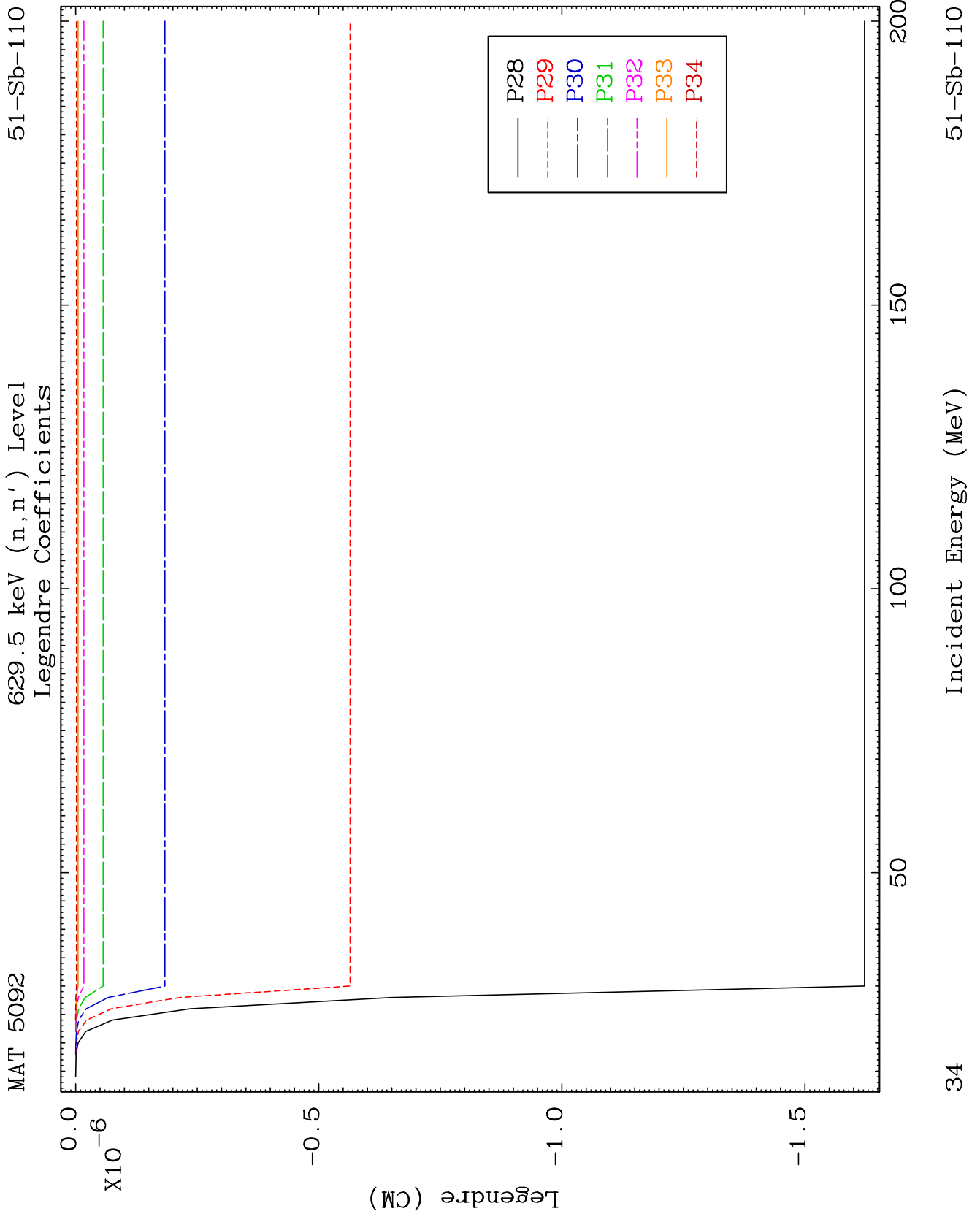
Incident Energy (MeV)

31





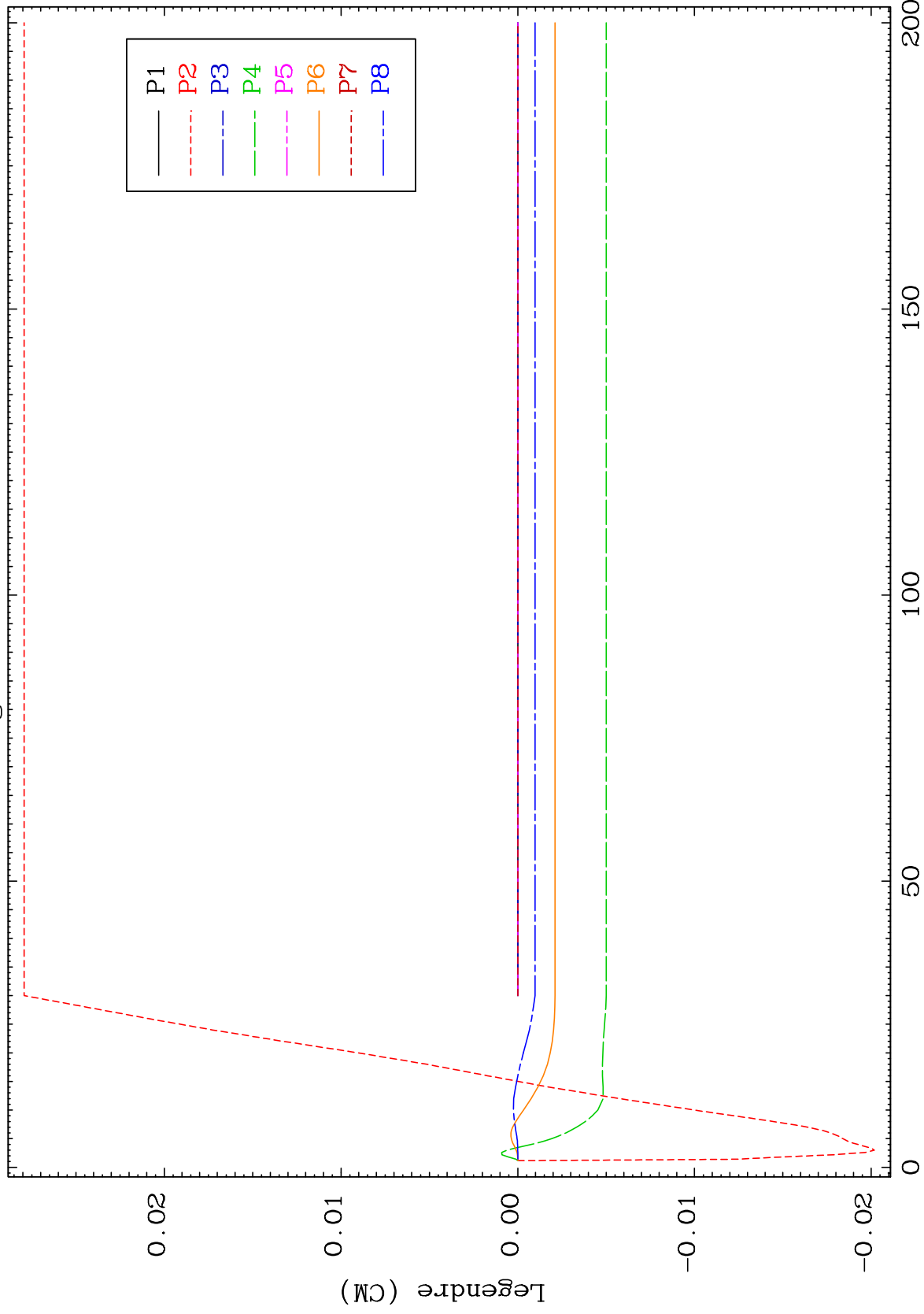




MAT 5092

1.136 MeV (n,n') Level  
Legendre Coefficients

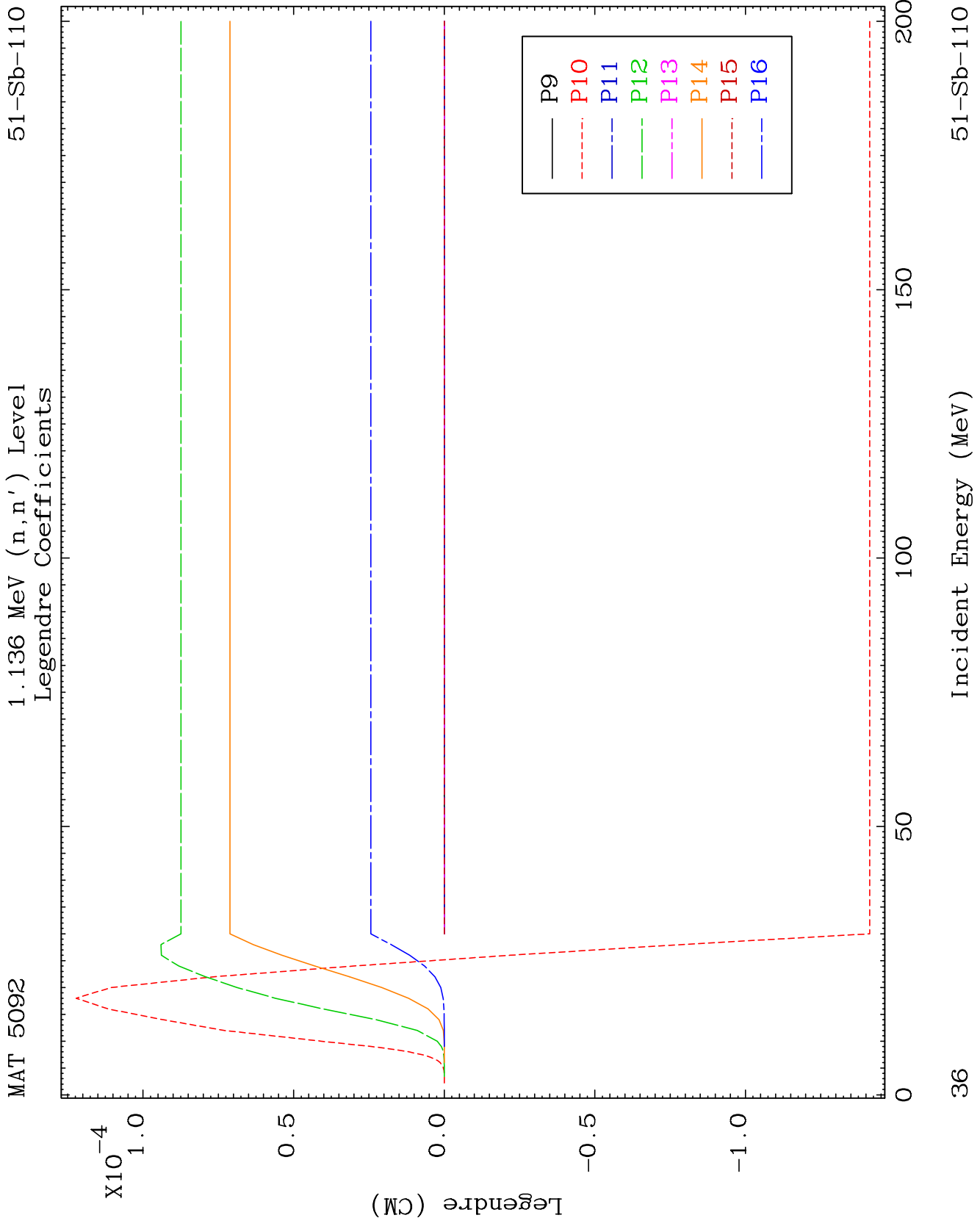
51-Sb-110

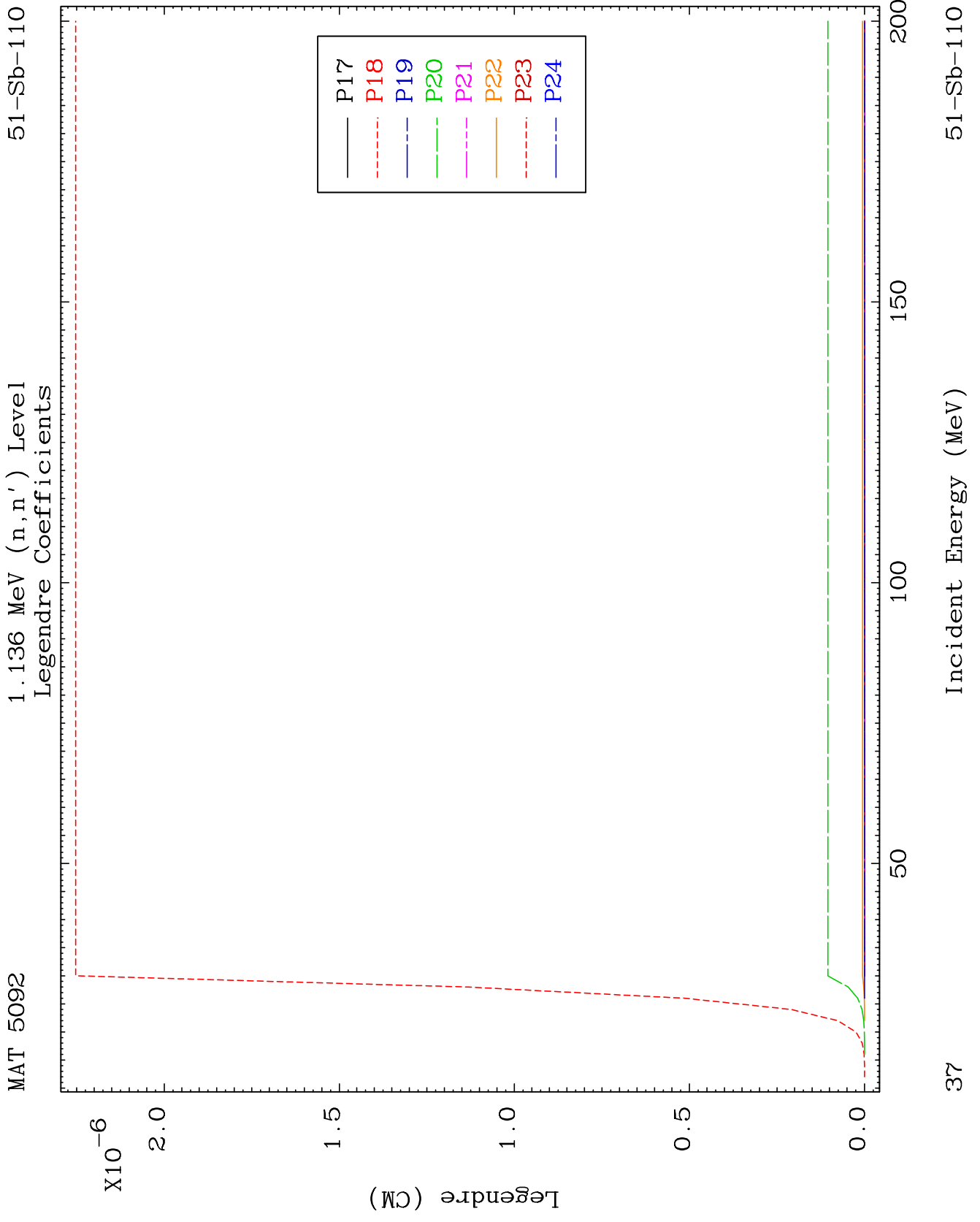


51-Sb-110

Incident Energy (MeV)

35

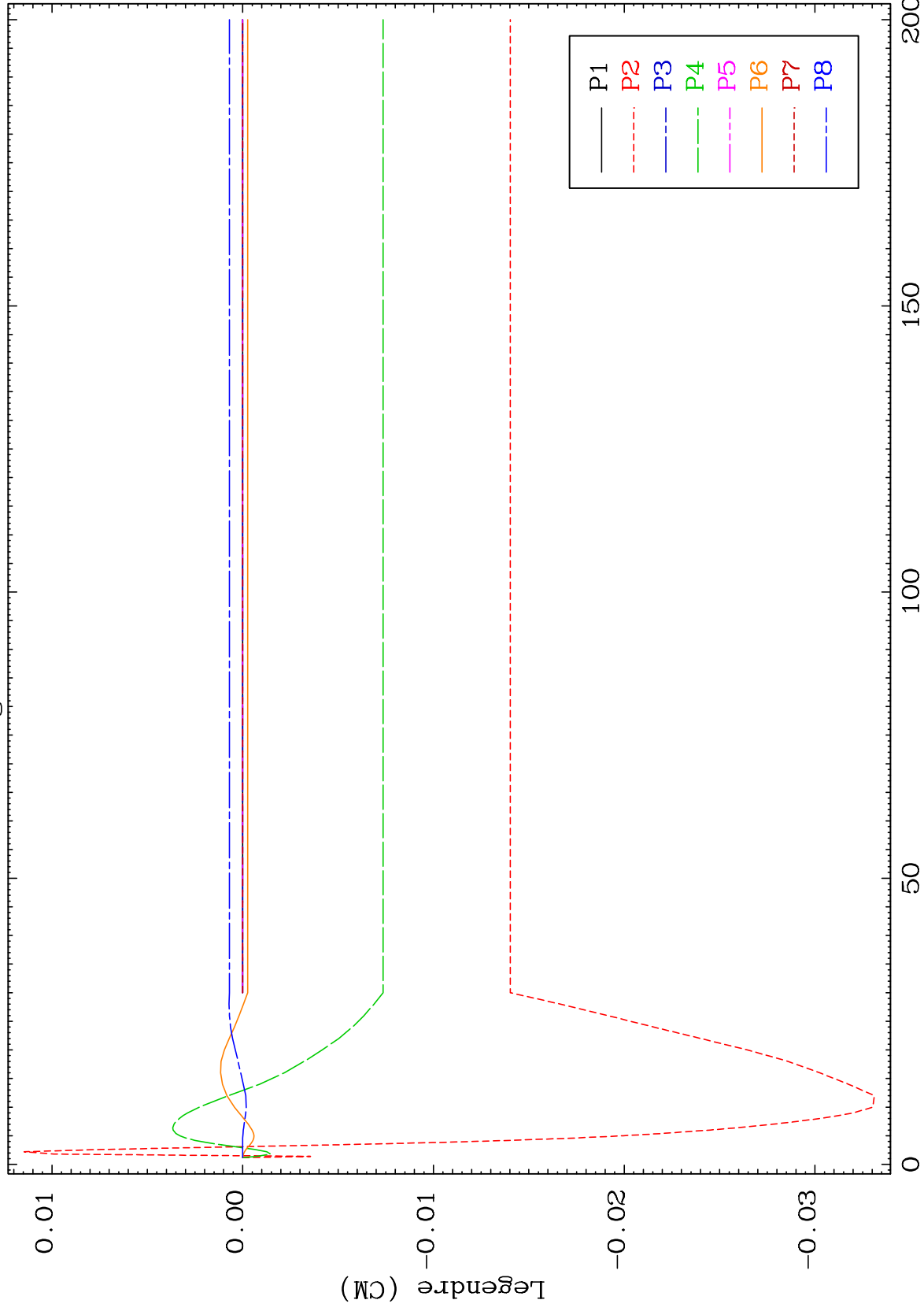




MAT 5092

1.153 MeV (n,n') Level  
Legendre Coefficients

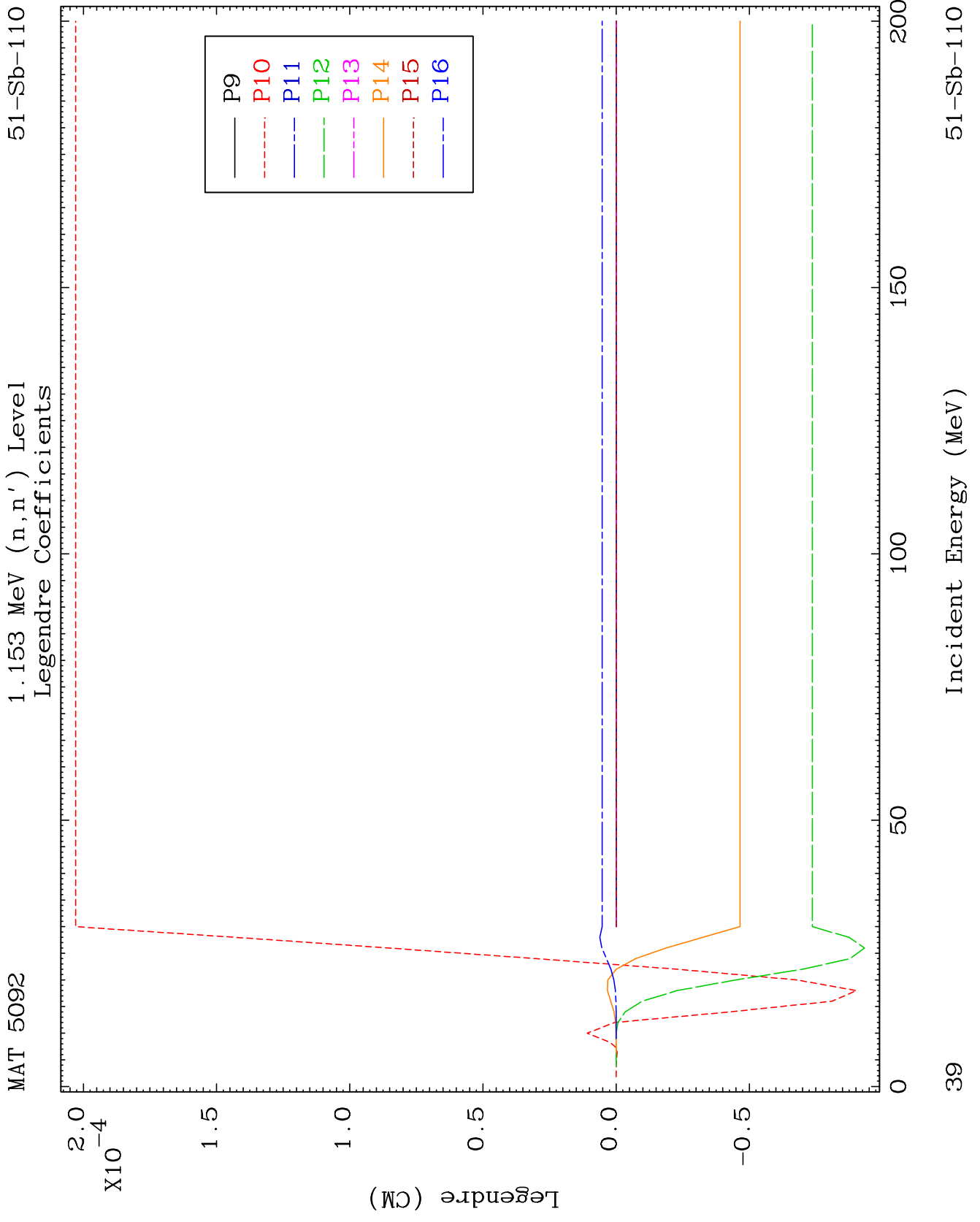
51-Sb-110



51-Sb-110

Incident Energy (MeV)

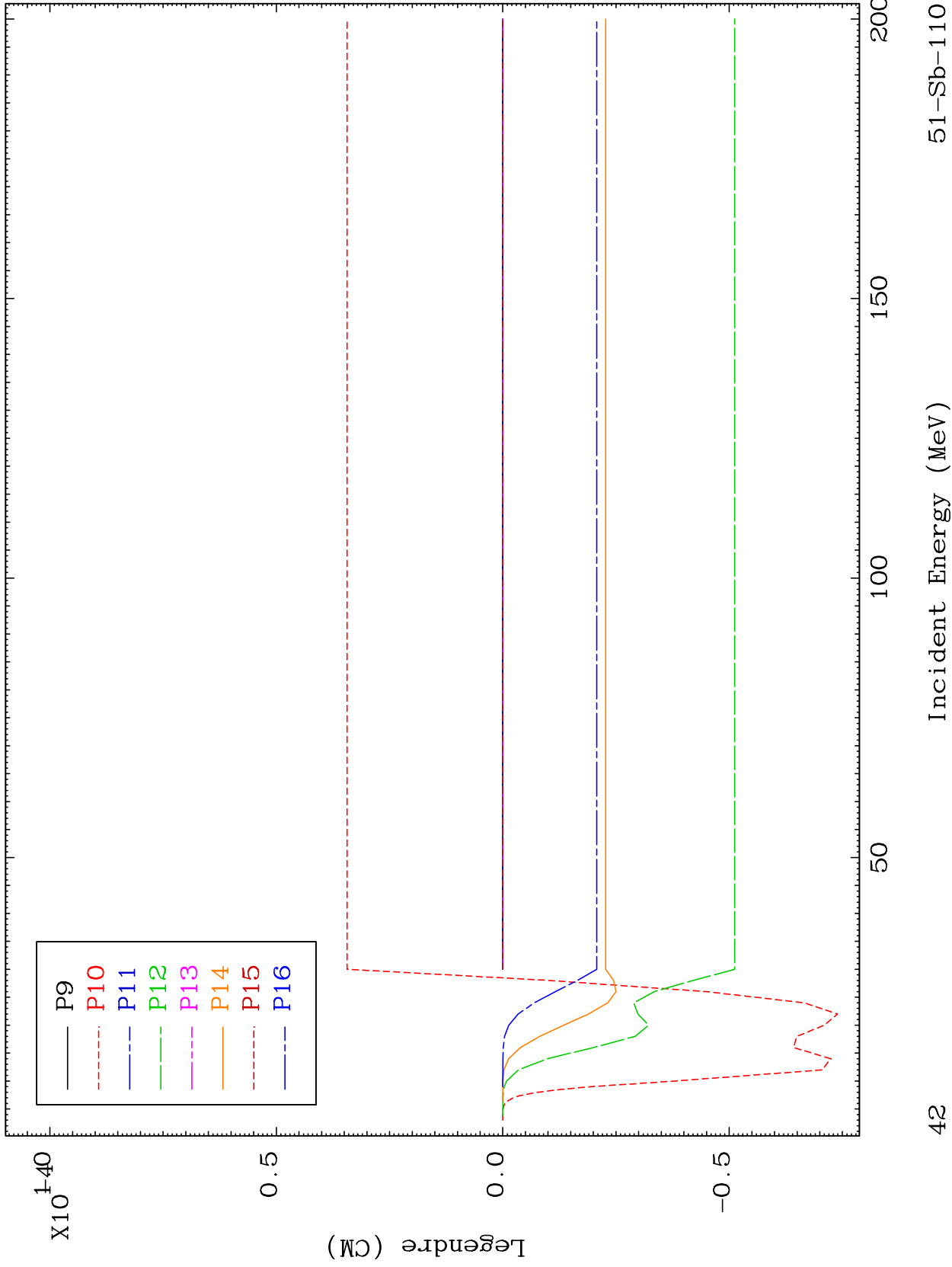
38

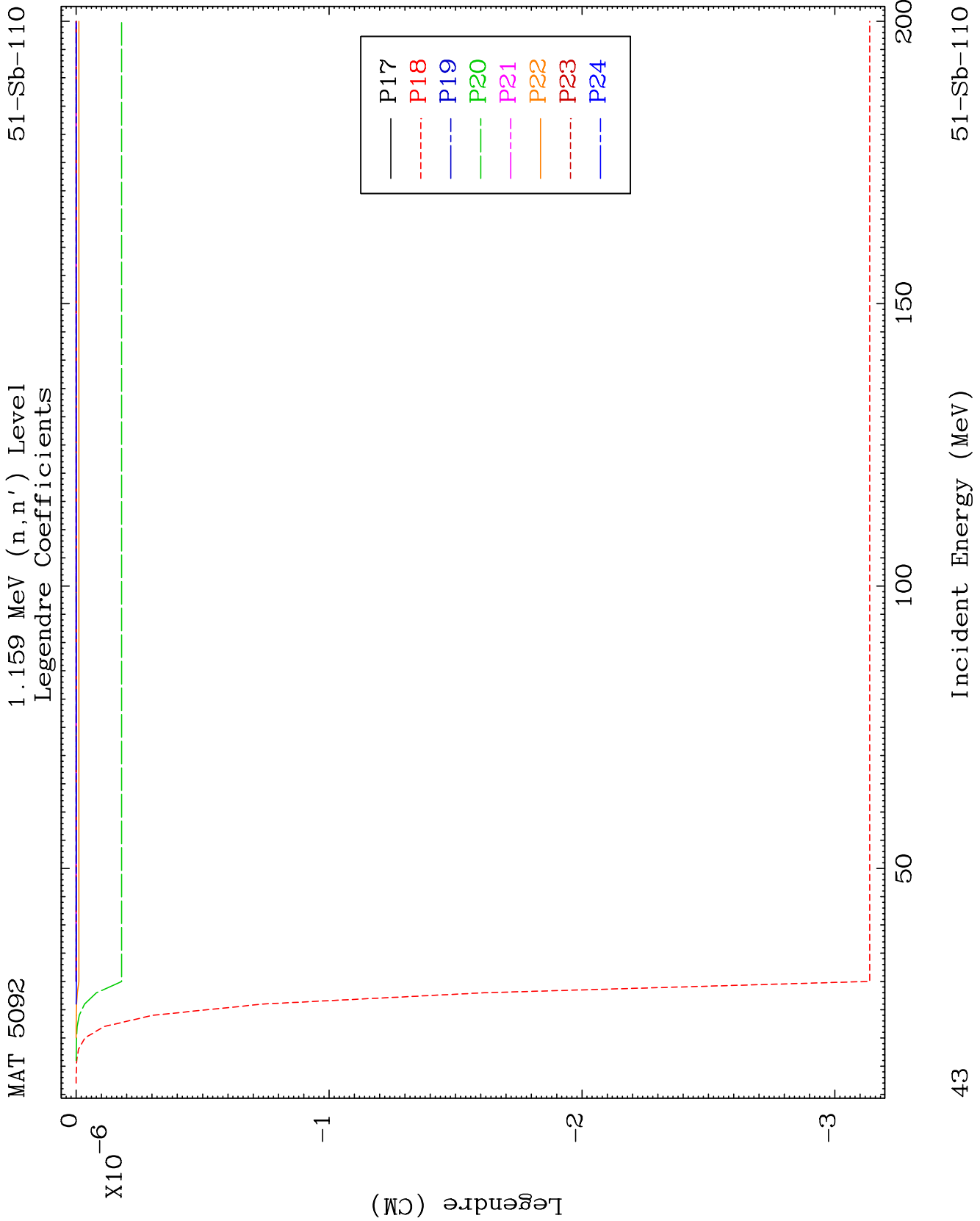






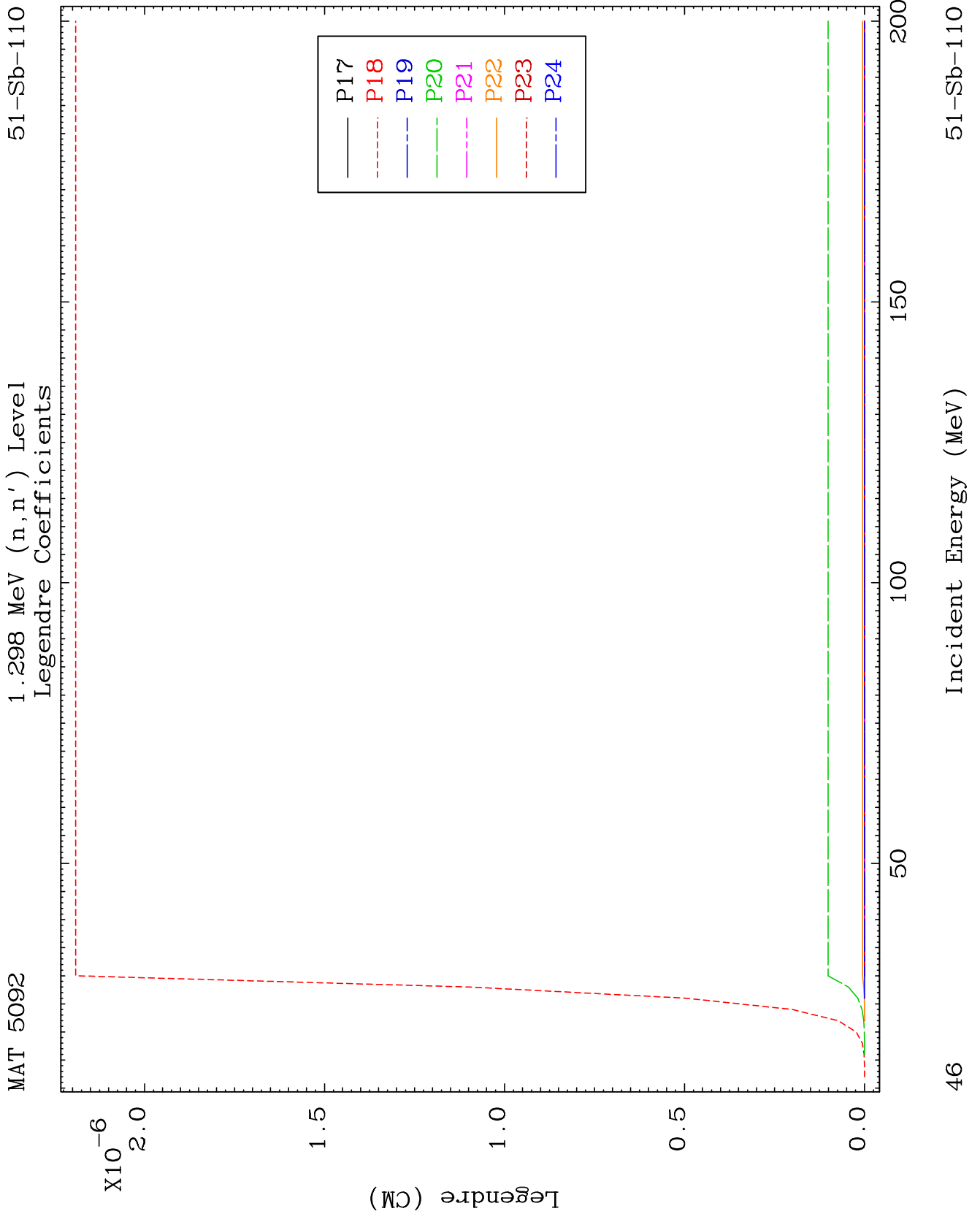


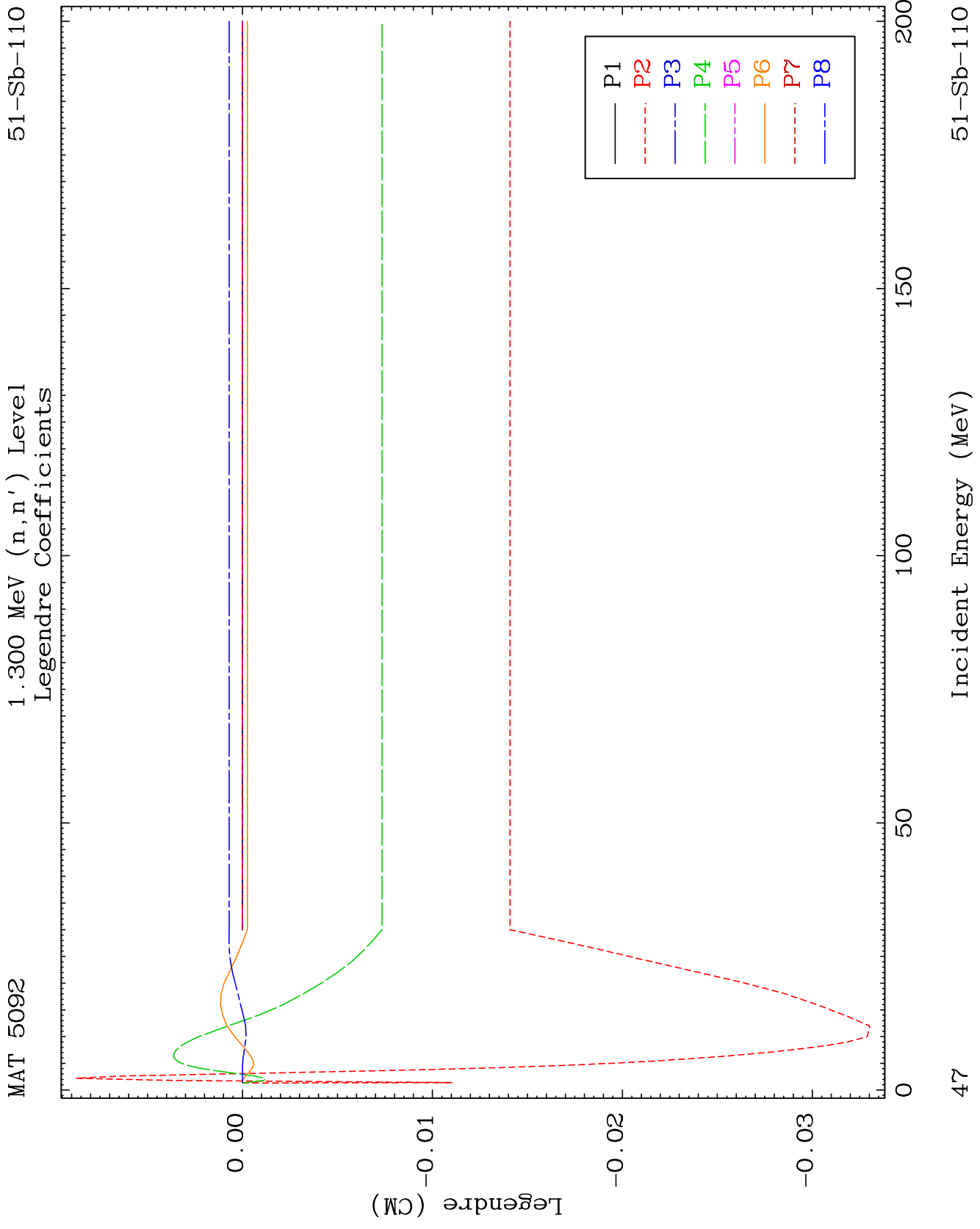




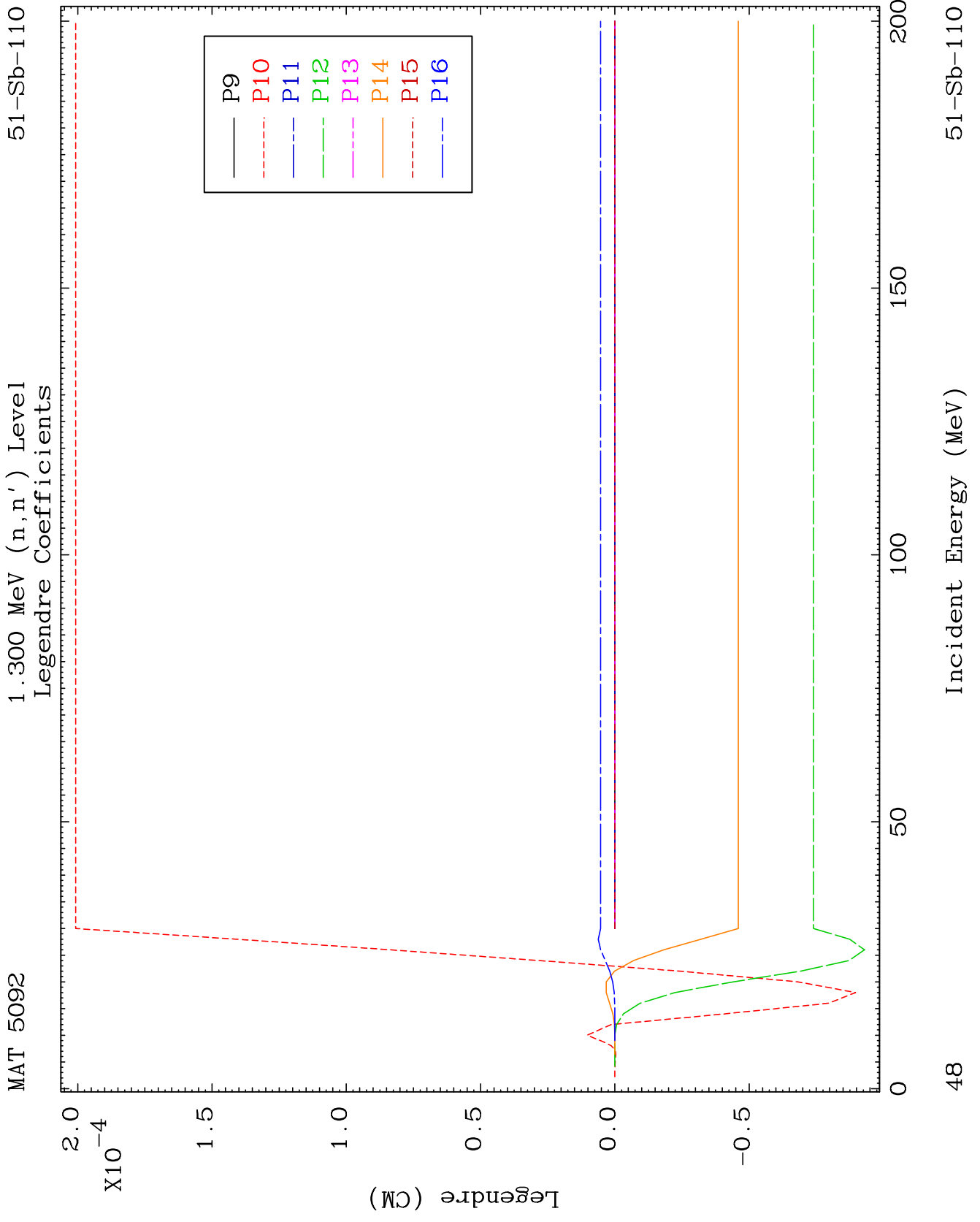


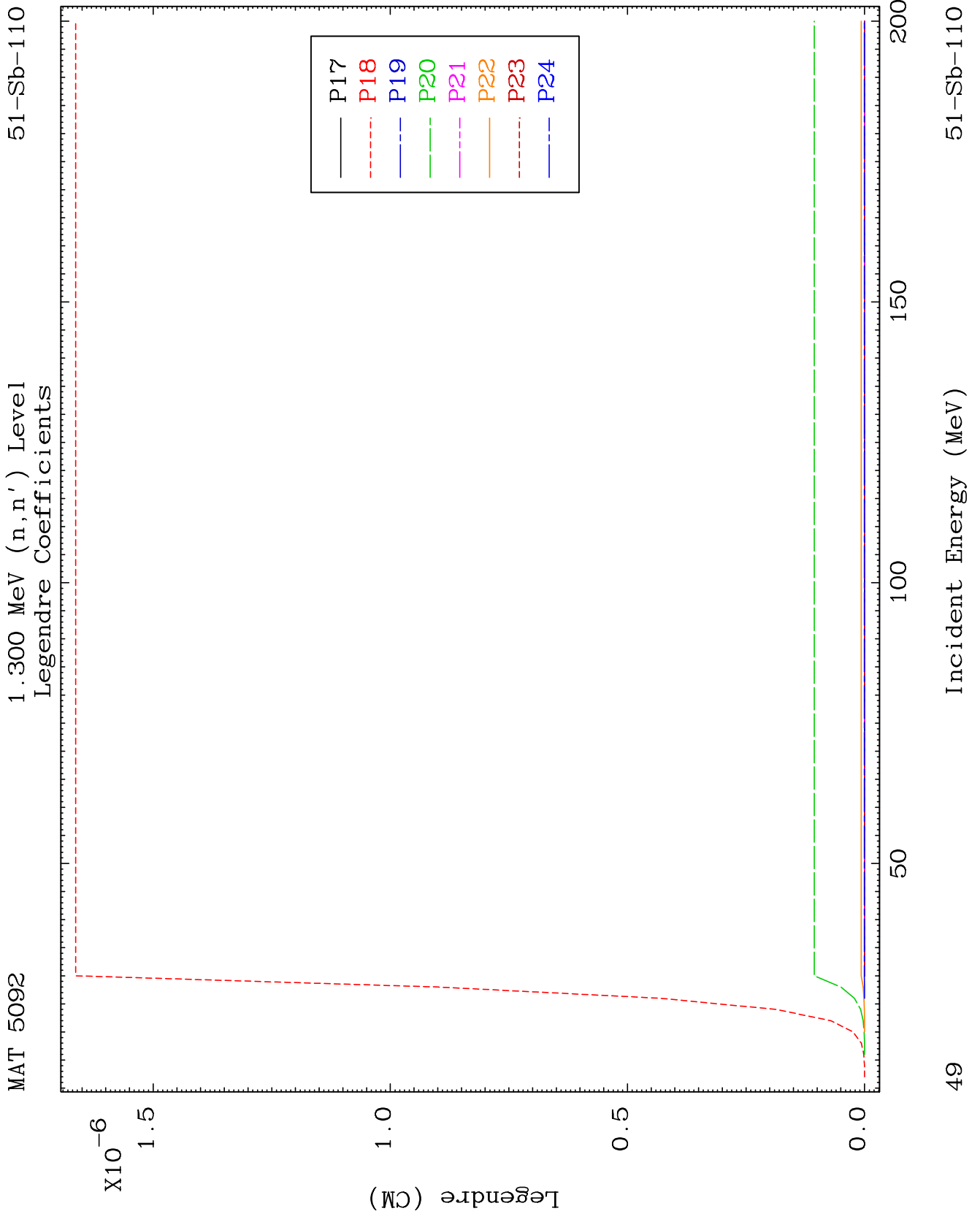


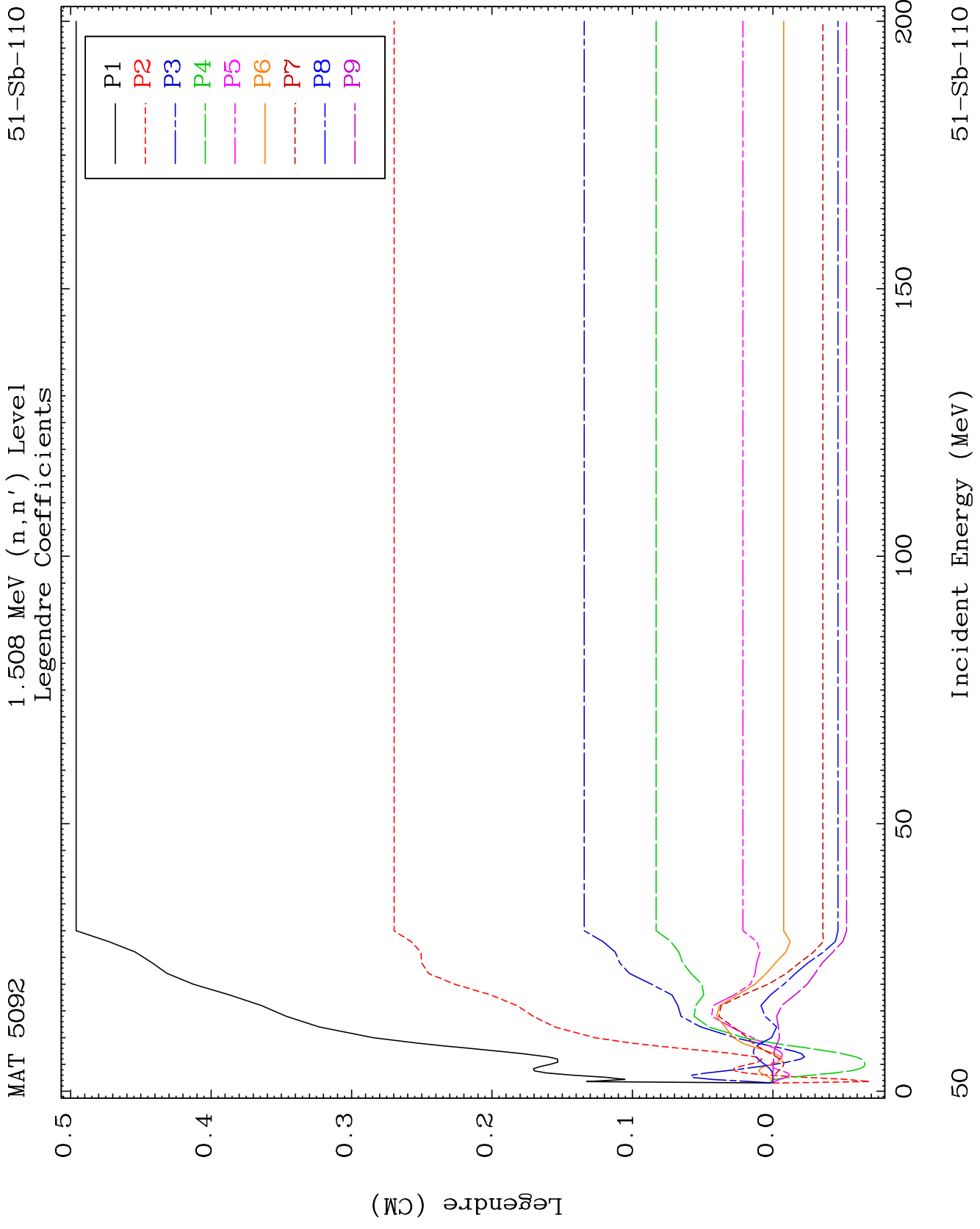


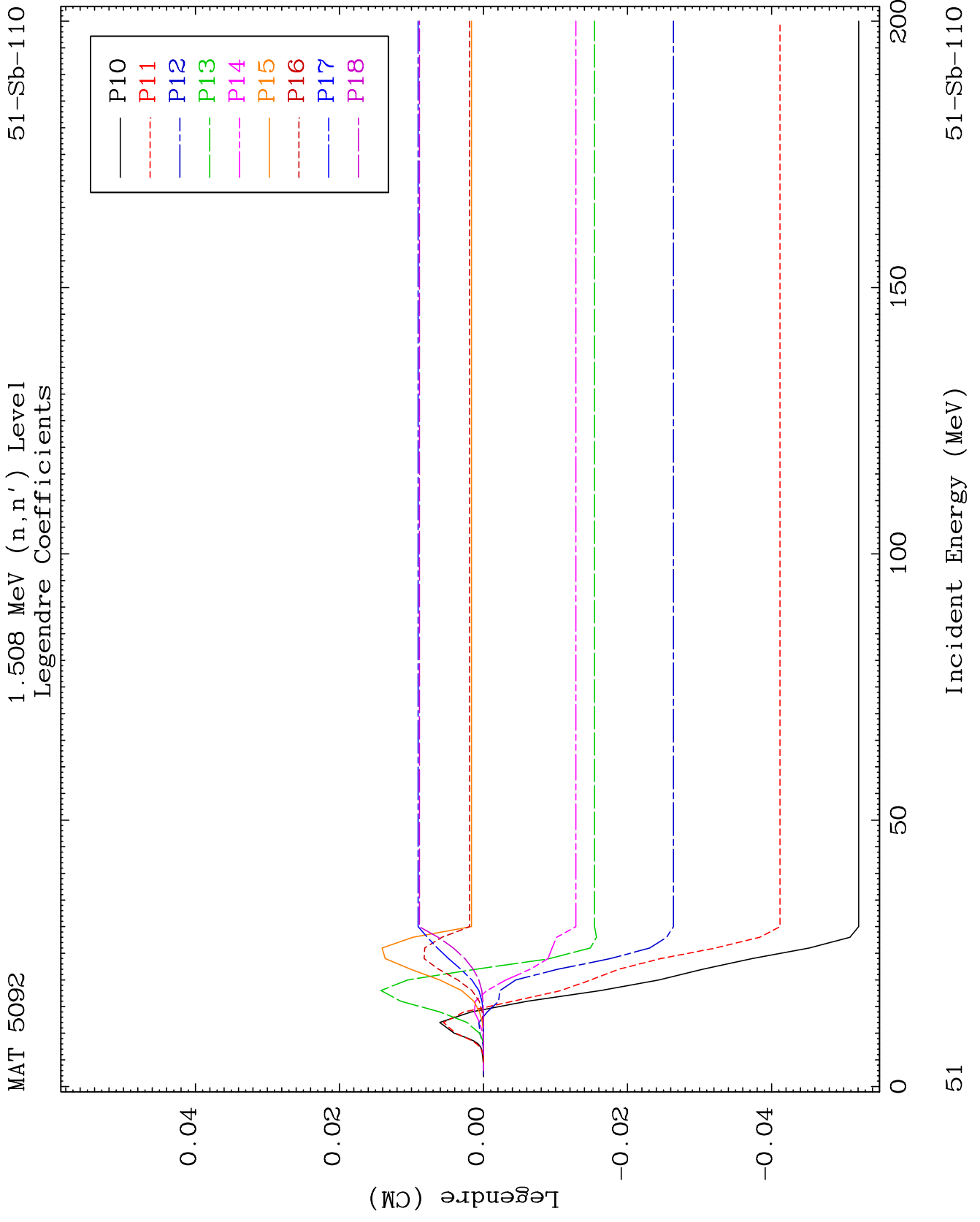


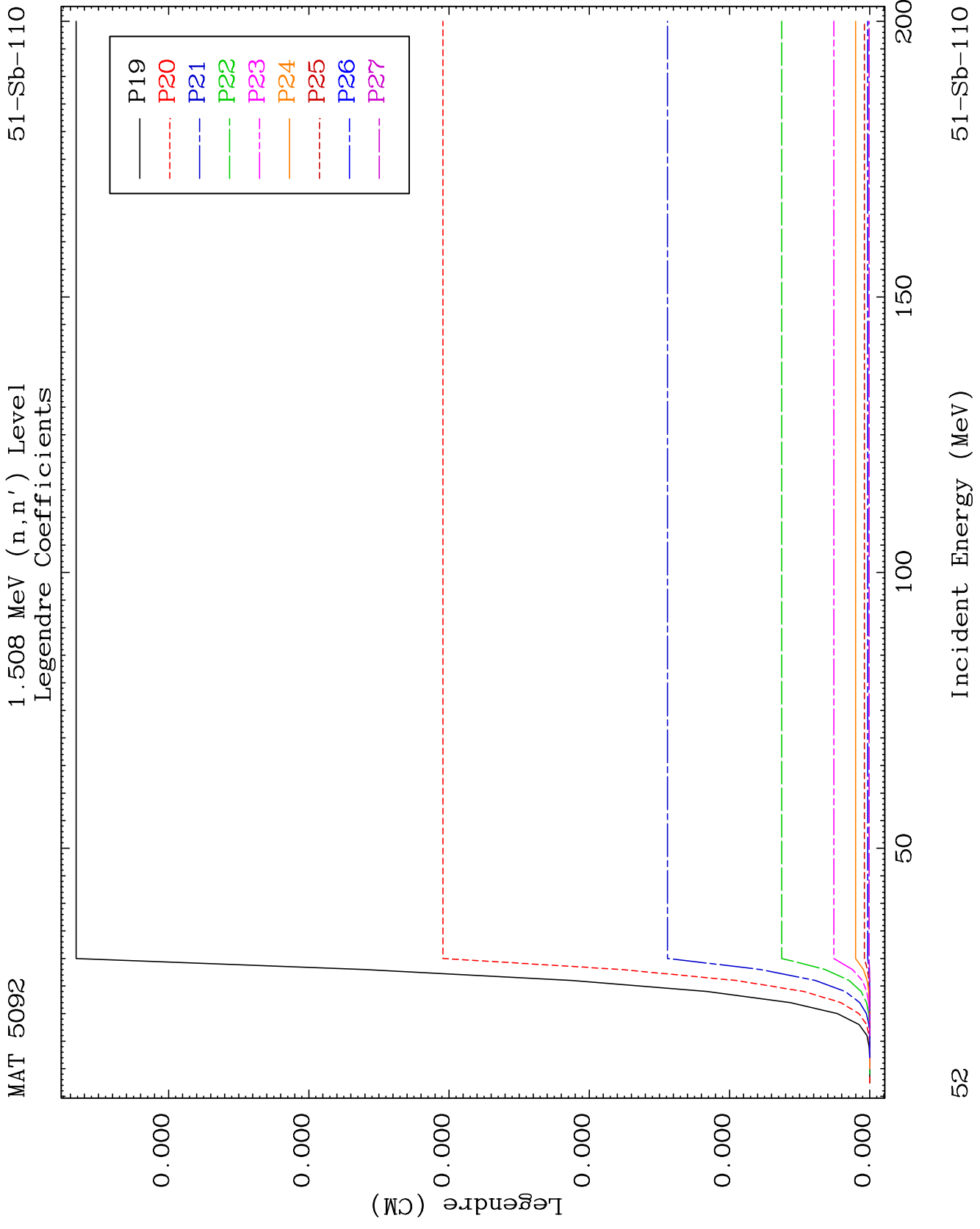


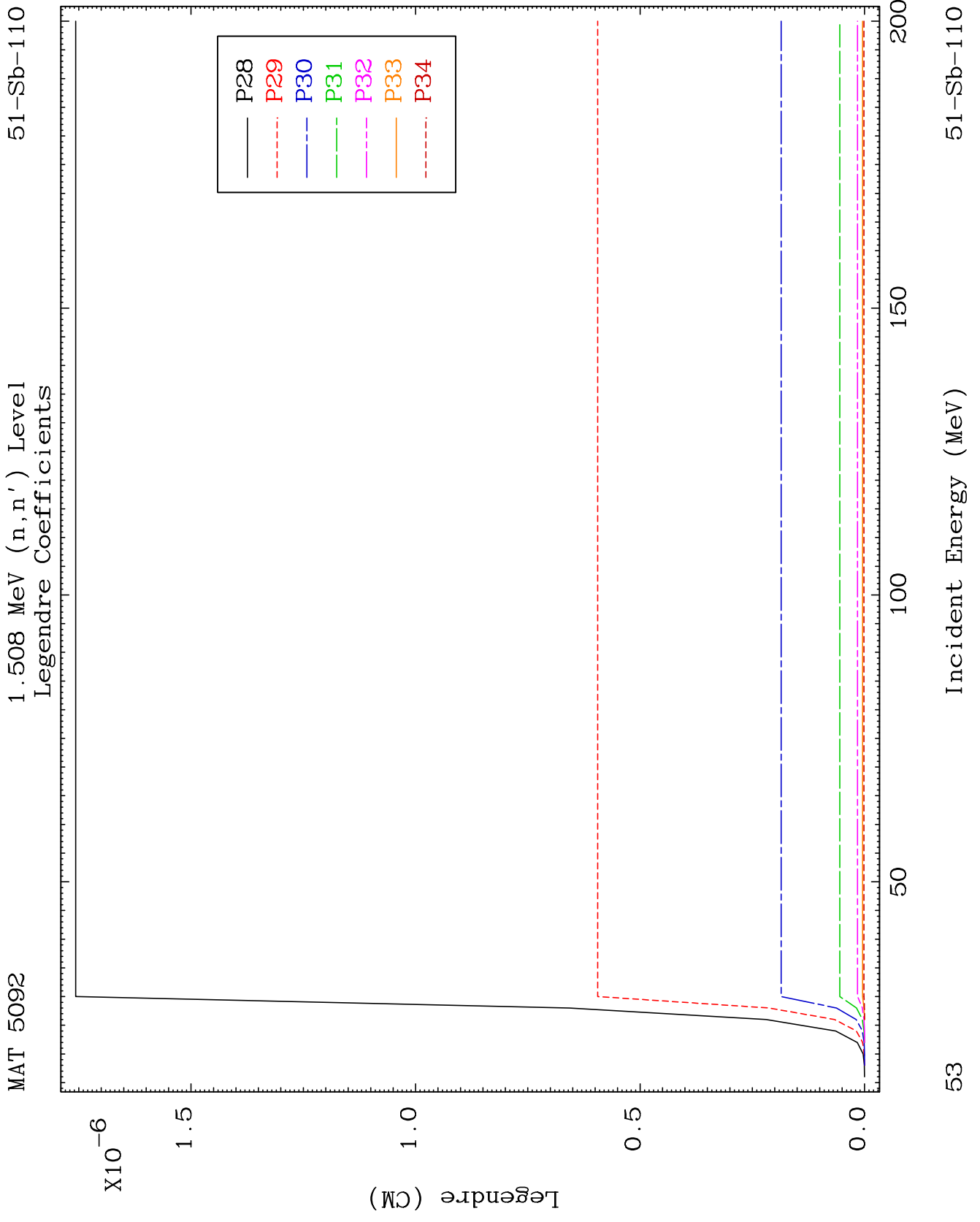










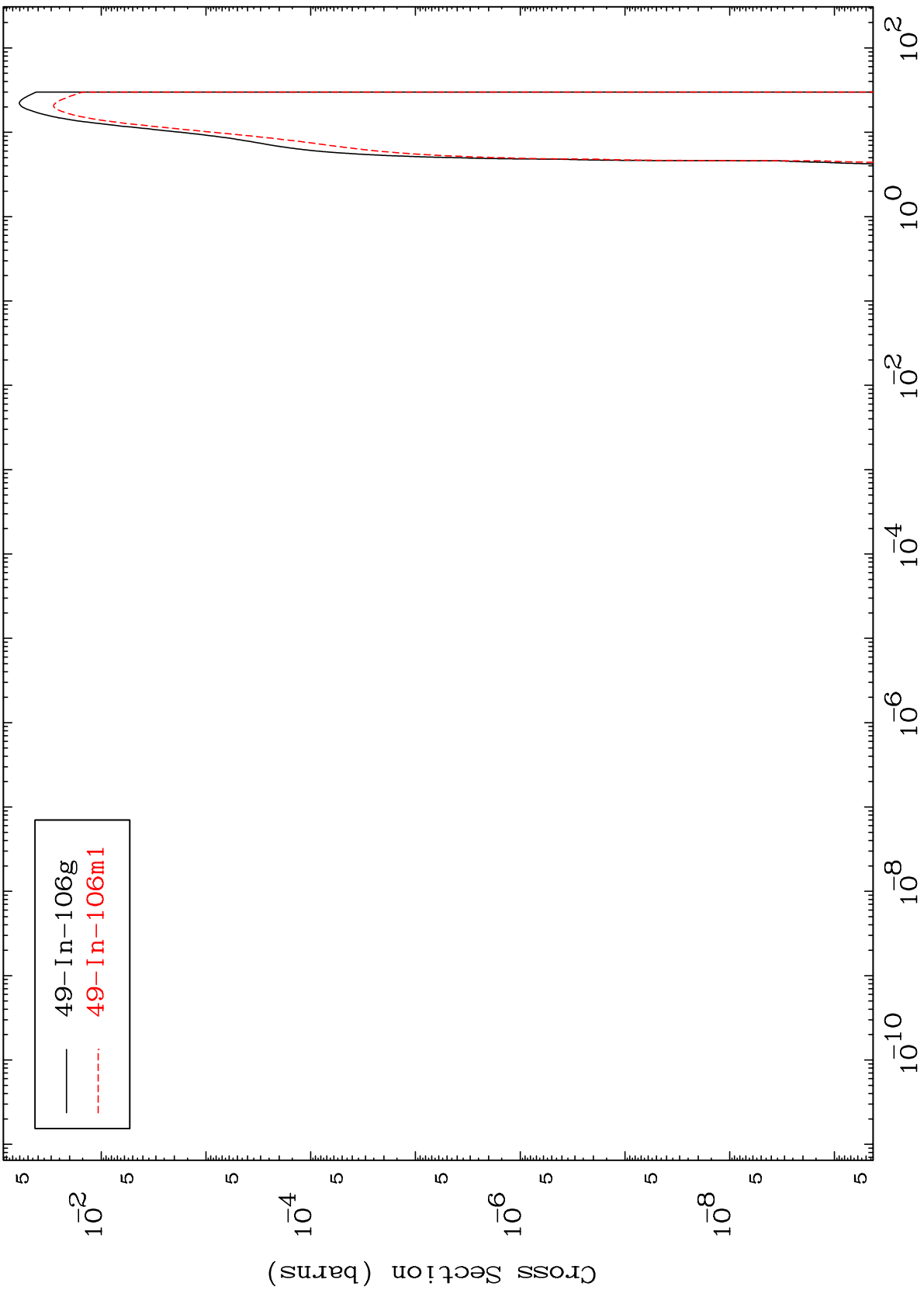


MAT 5092

$(n, n') \alpha$

51-Sb-110

Radionuclide Production Cross Section



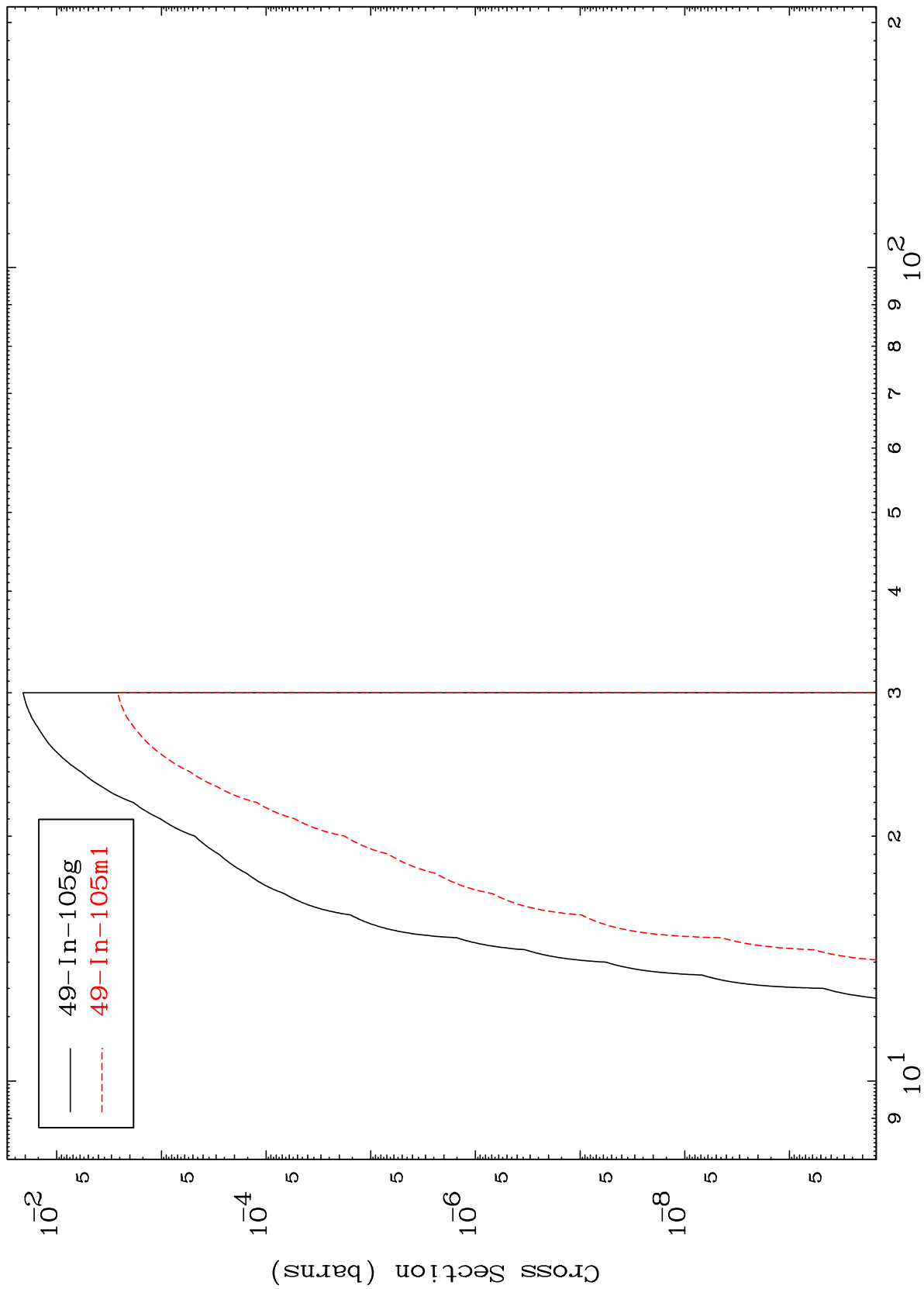
— 49-In-106g  
- - - 49-In-106m1

MAT 5092

(n,2n)  $\alpha$

51-Sb-110

Radionuclide Production Cross Section



55

Incident Energy (MeV)

51-Sb-110

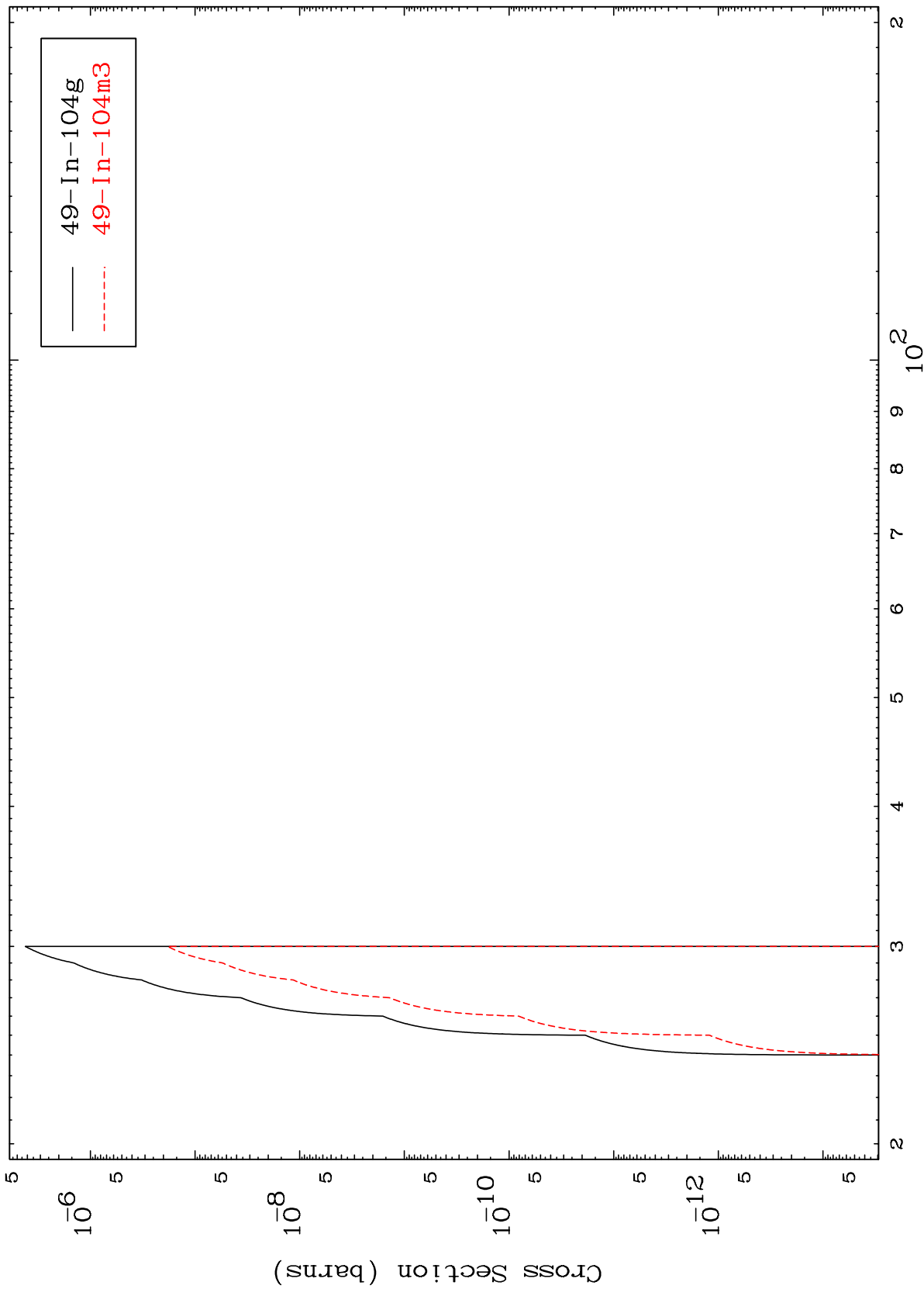


MAT 5092

(n,3n)  $\alpha$

51-Sb-110

Radionuclide Production Cross Section



56

Incident Energy (MeV)

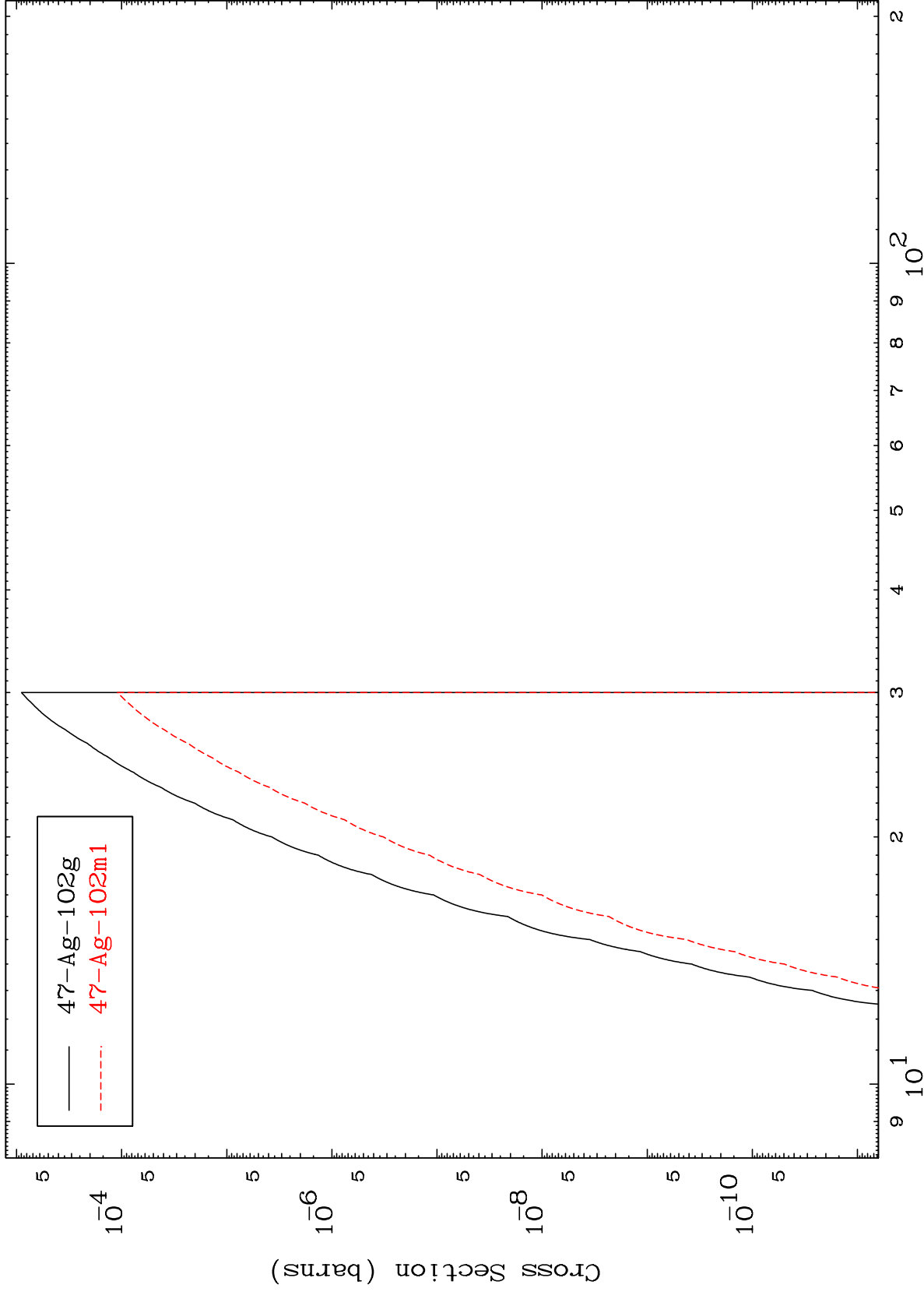
51-Sb-110

MAT 5092

(n,n') 2α

51-Sb-110

Radionuclide Production Cross Section



57

Incident Energy (MeV)

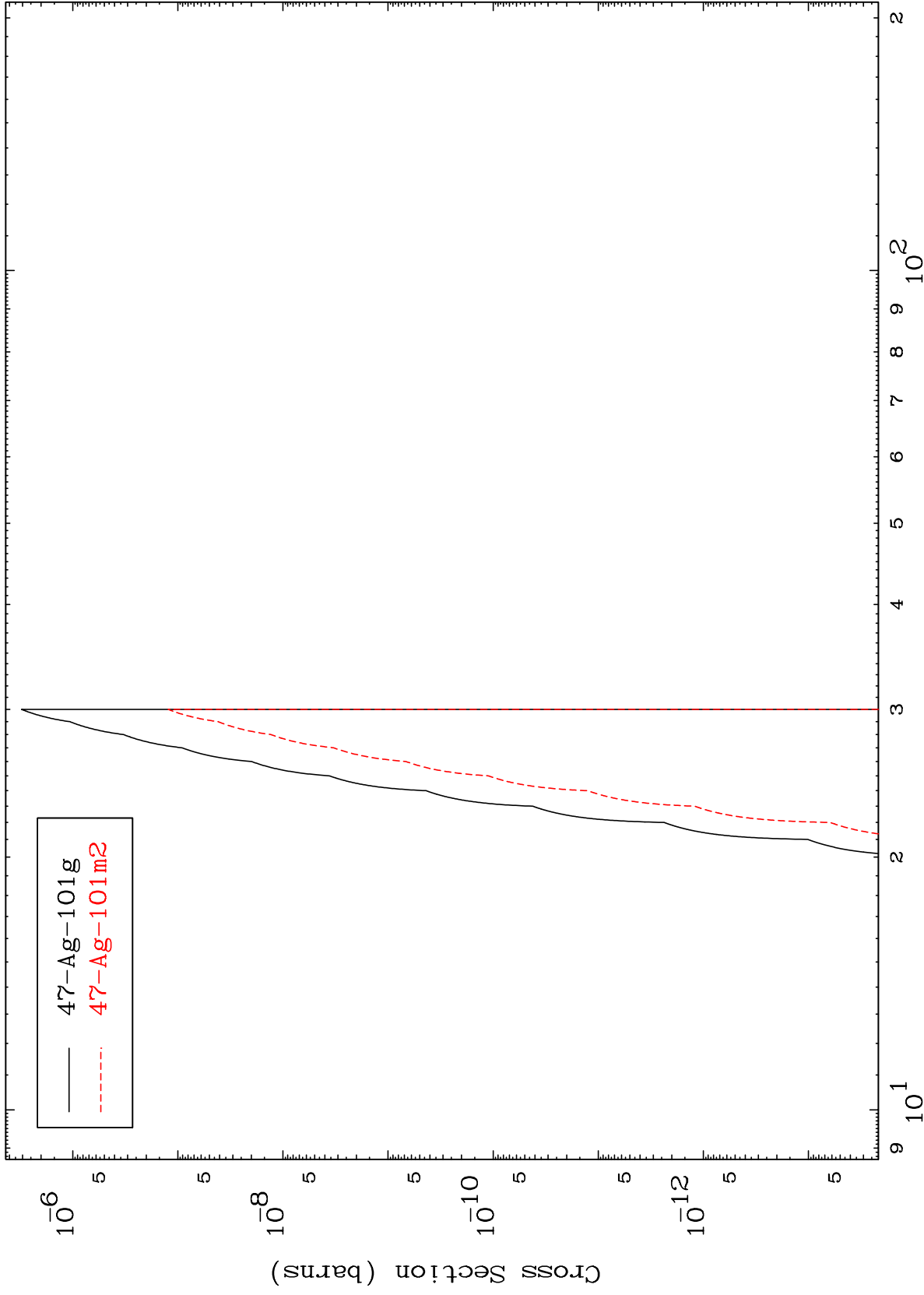
51-Sb-110

MAT 5092

(n,2n) 2α

51-Sb-110

Radionuclide Production Cross Section



— 47-Ag-101g  
- - - 47-Ag-101m2

58

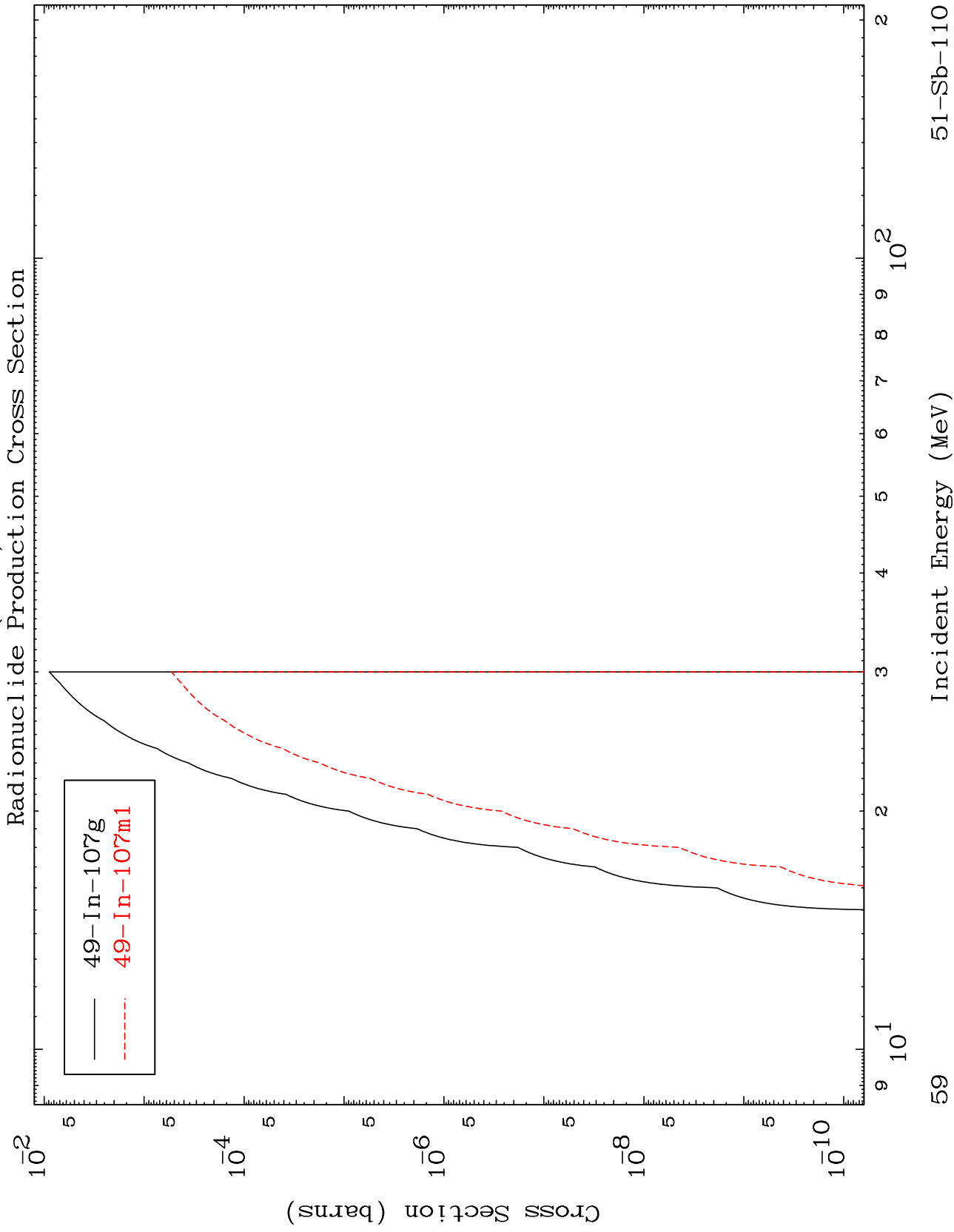
Incident Energy (MeV)

51-Sb-110

MAT 5092

(n,n') He-3

51-Sb-110



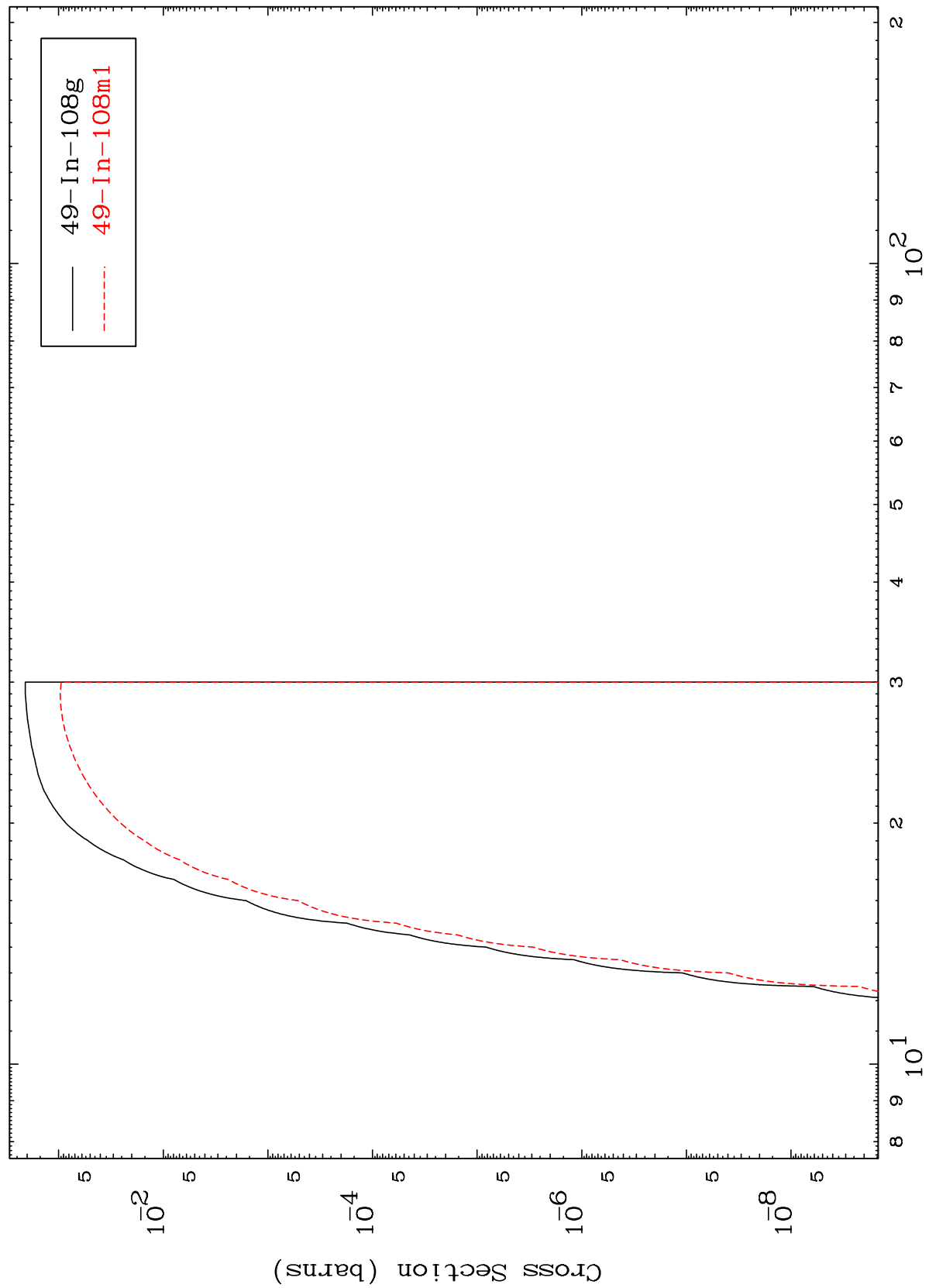
59

MAT 5092

(n,2n) p

51-Sb-110

Radionuclide Production Cross Section



60

Incident Energy (MeV)

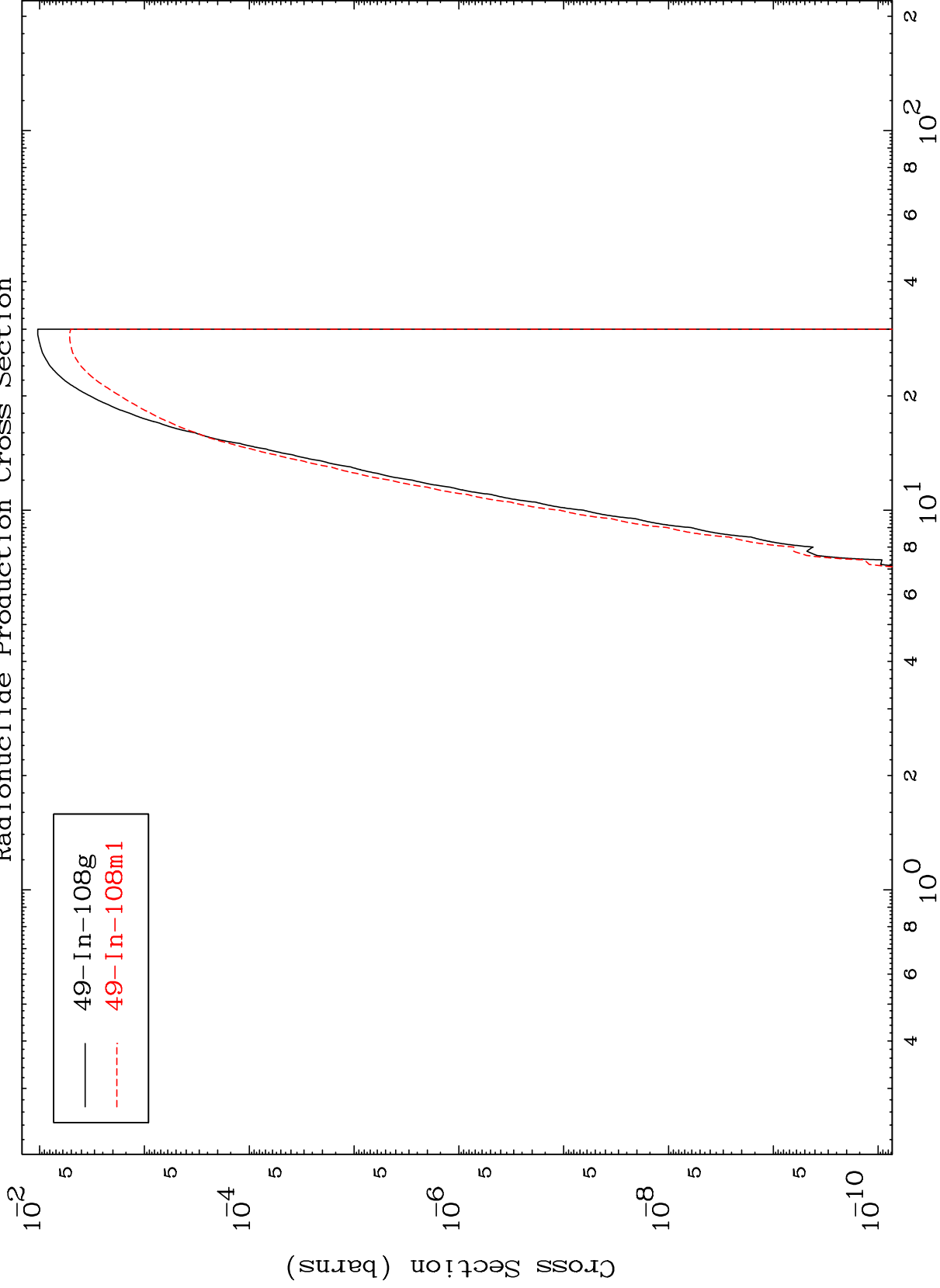
51-Sb-110

MAT 5092

(n,He-3)

51-Sb-110

Radionuclide Production Cross Section



61

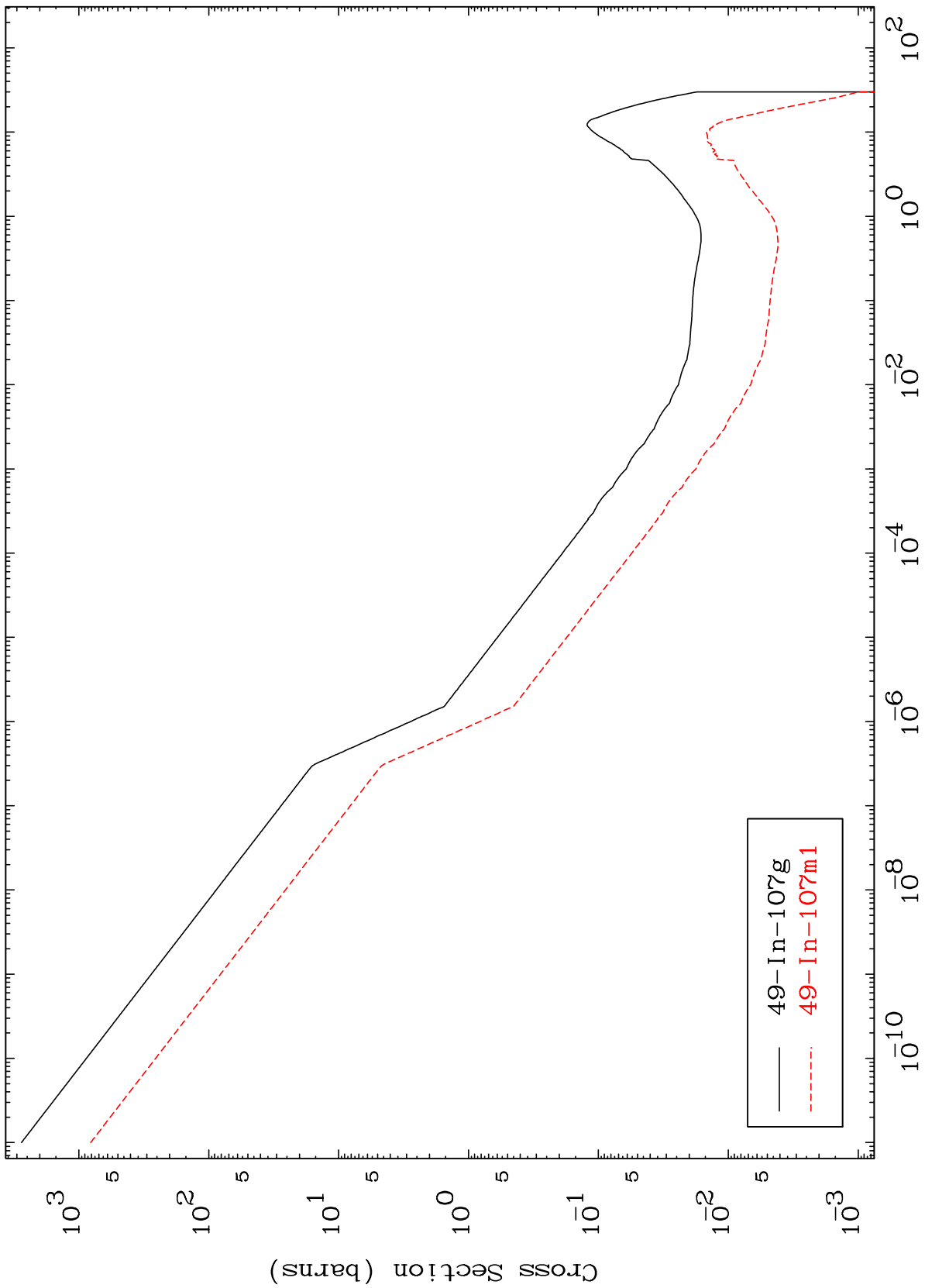
Incident Energy (MeV)

51-Sb-110

MAT 5092

51-Sb-110

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



51-Sb-110

Incident Energy (MeV)

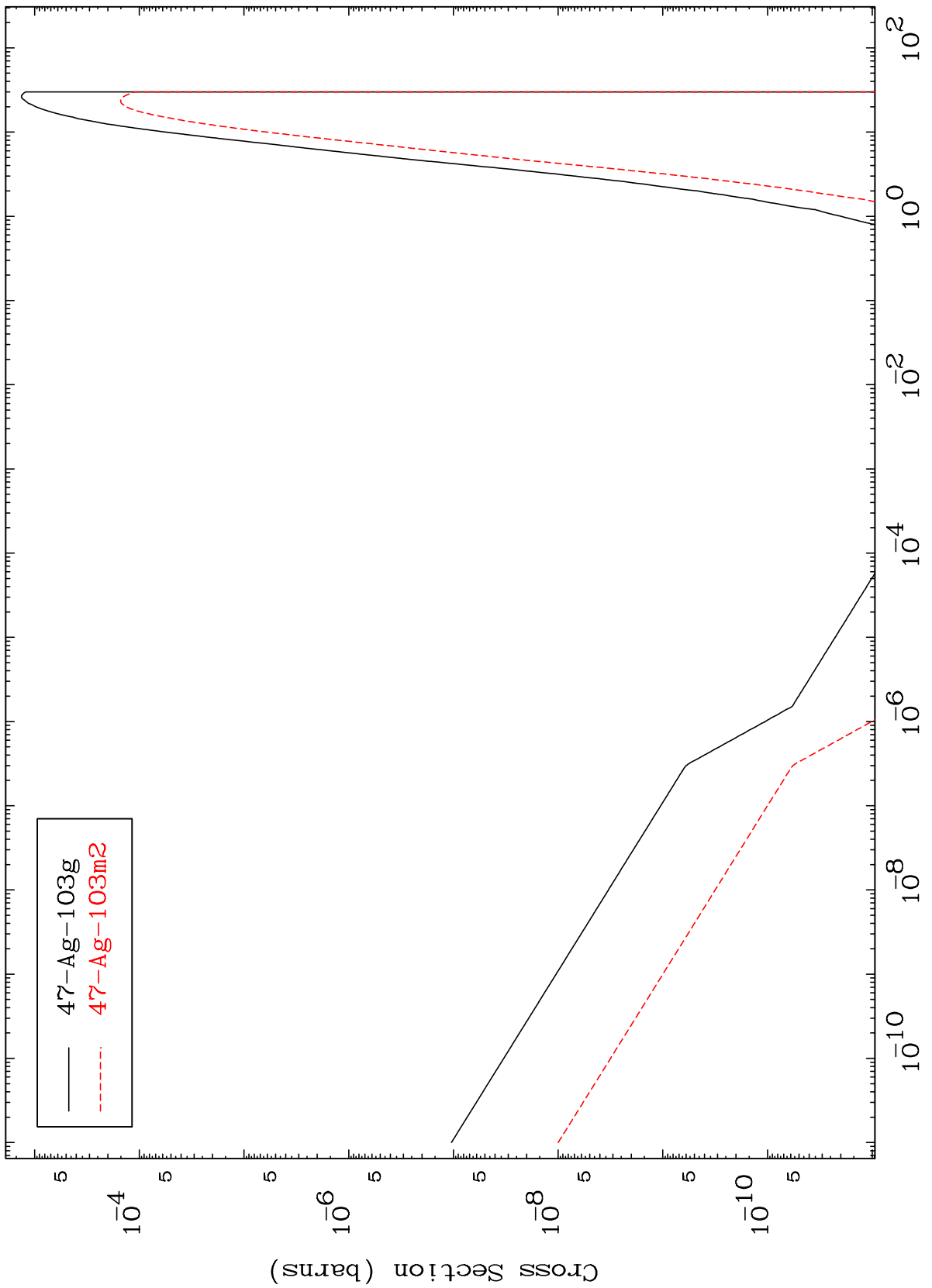
62

MAT 5092

51-Sb-110

51-Sb-110

Radionuclide Production Cross Section



Incident Energy (MeV)

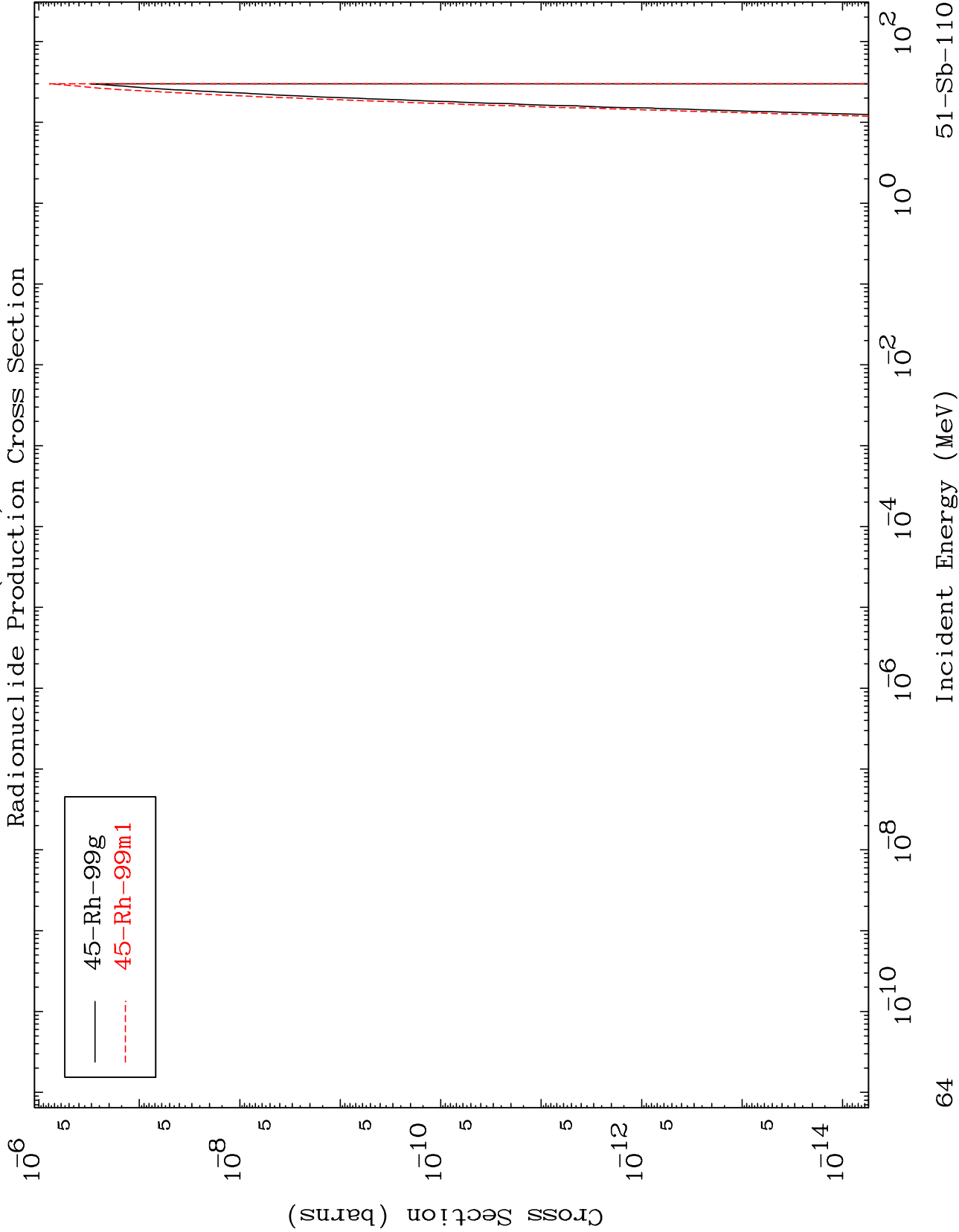
63



MAT 5092

(n,3 $\alpha$ )

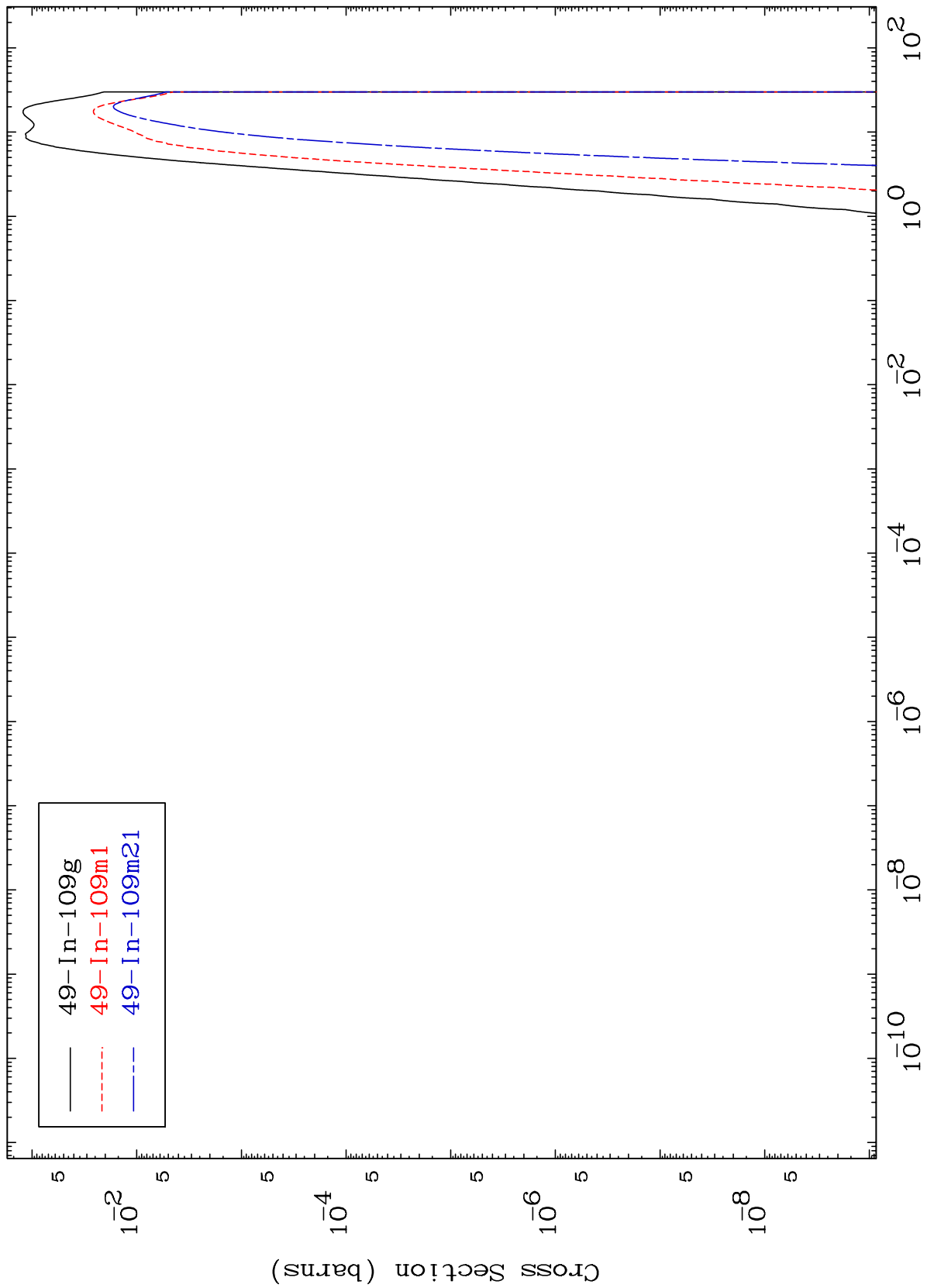
51-Sb-110



MAT 5092

51-Sb-110

Radionuclide Production Cross Section



65

51-Sb-110

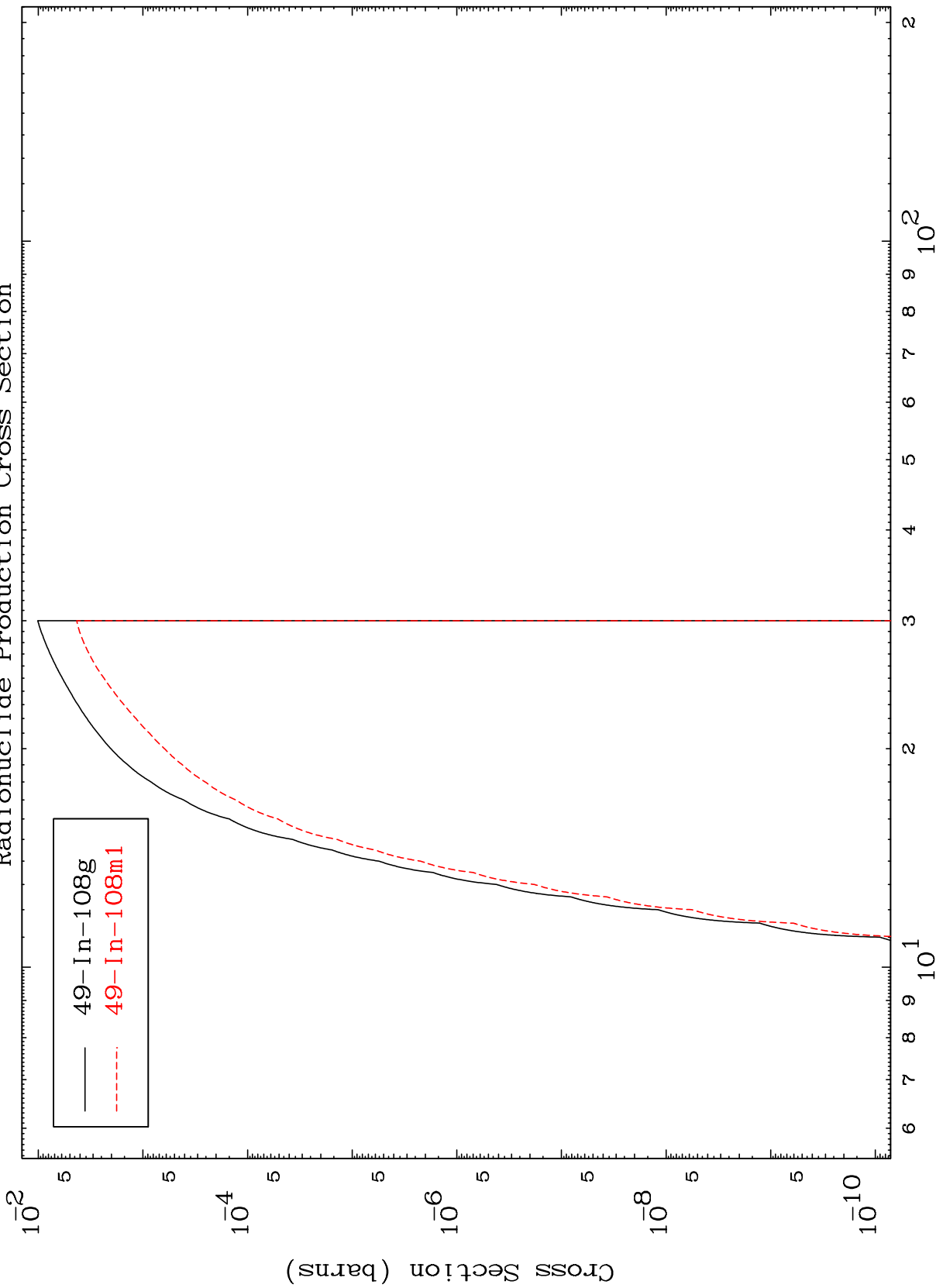
Incident Energy (MeV)

MAT 5092

(n,p) d

51-Sb-110

Radionuclide Production Cross Section



49-In-108g  
49-In-108m1

66

Incident Energy (MeV)

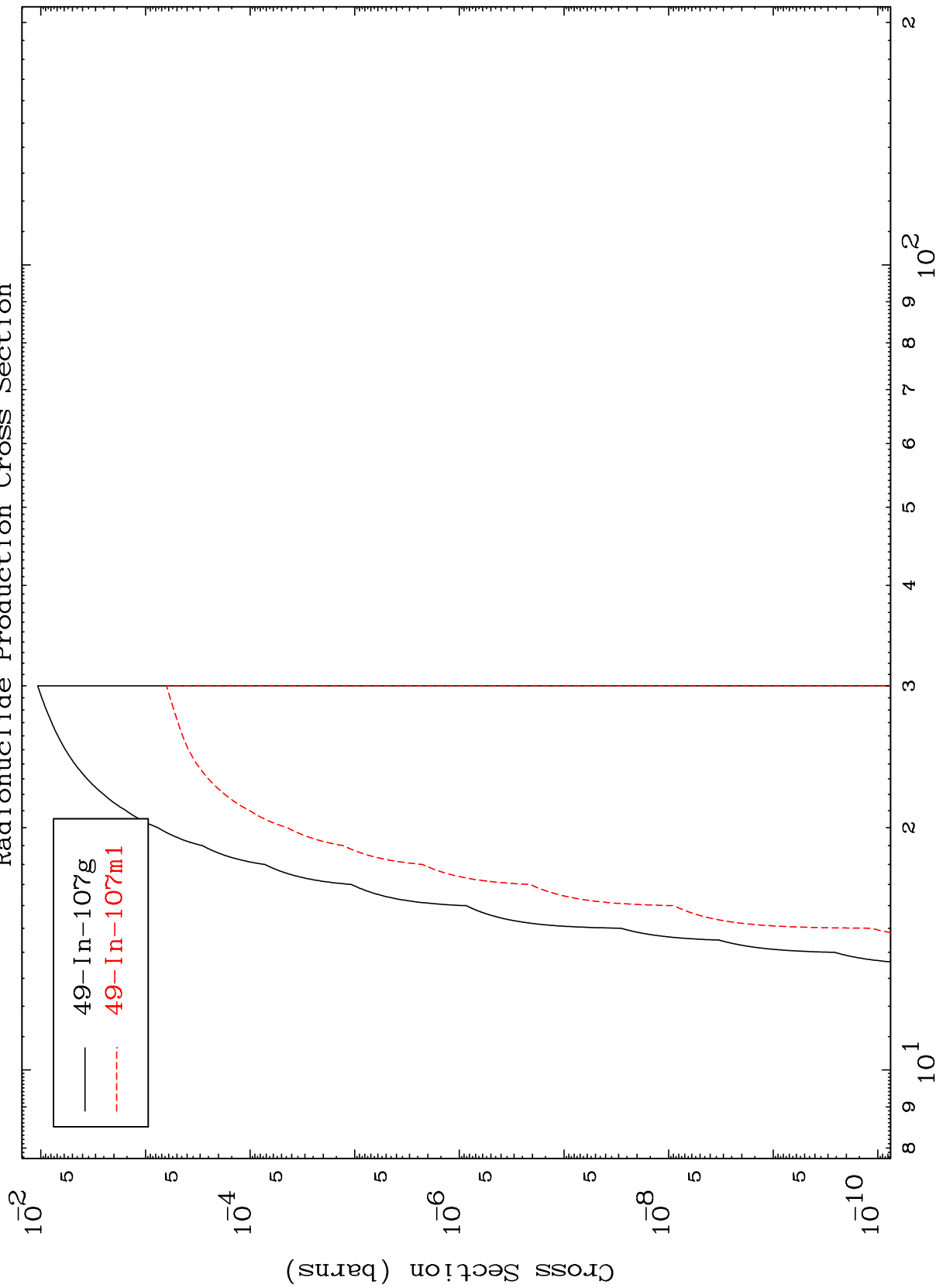
51-Sb-110

MAT 5092

(n,p) t

51-Sb-110

Radionuclide Production Cross Section



49-In-107g  
49-In-107m1

Incident Energy (MeV)

51-Sb-110

67