

Program EVALPLOT  
(Version 2015-2)

by

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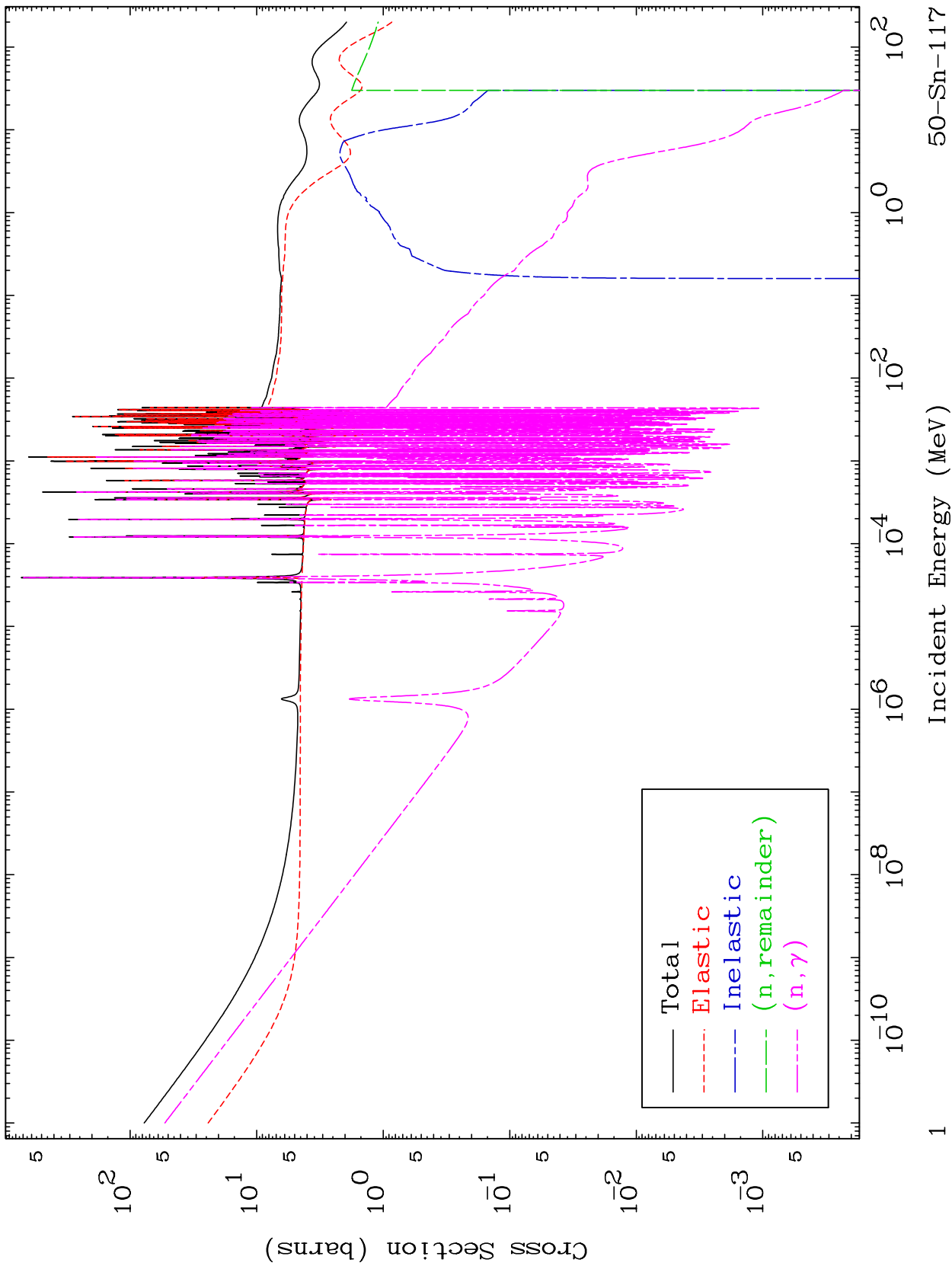
Press Mouse Button to Start

MAT 5040

Major

293 Kelvin Cross Sections

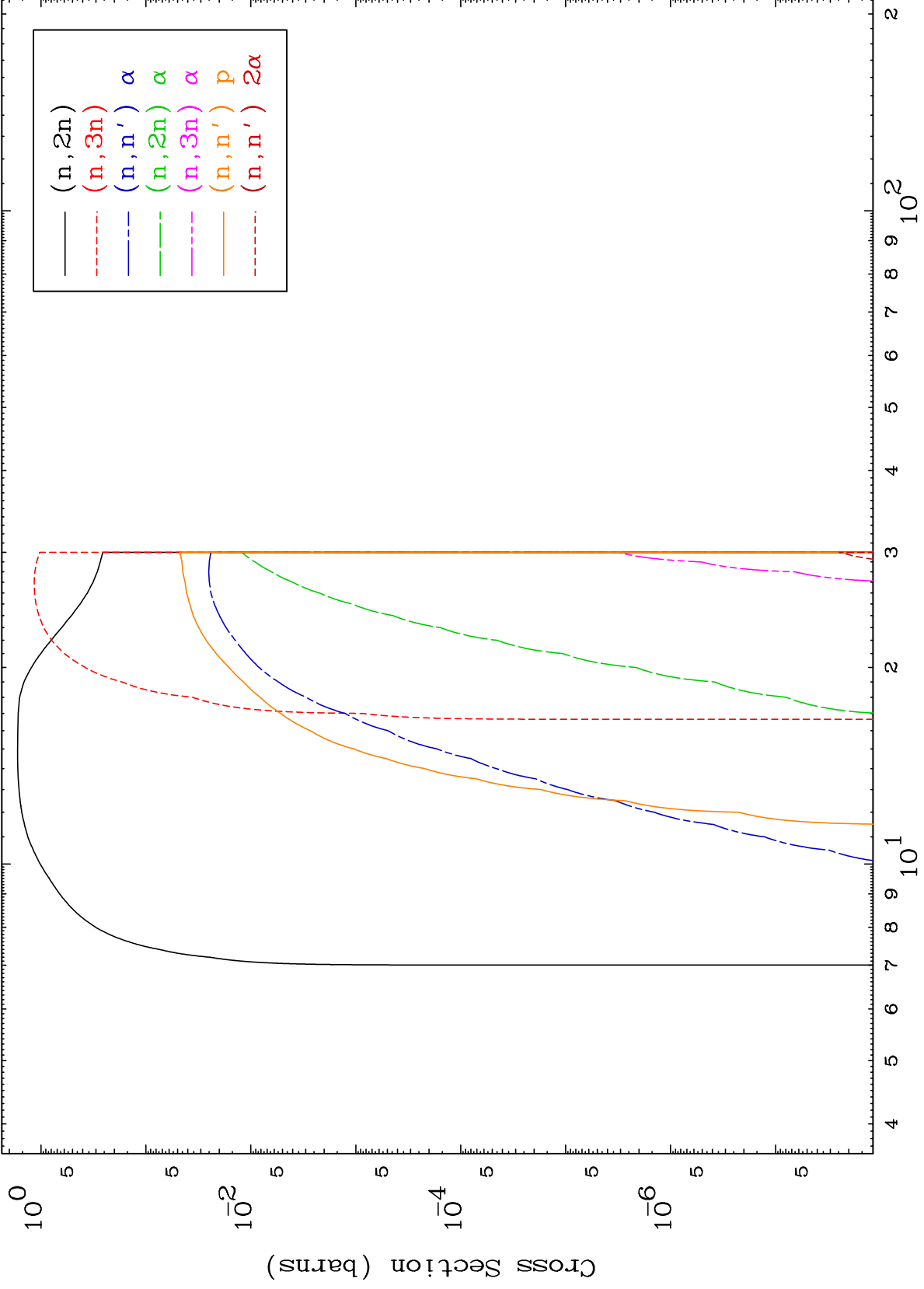
50-Sn-117



MAT 5040

Neutron Production  
293 Kelvin Cross Sections

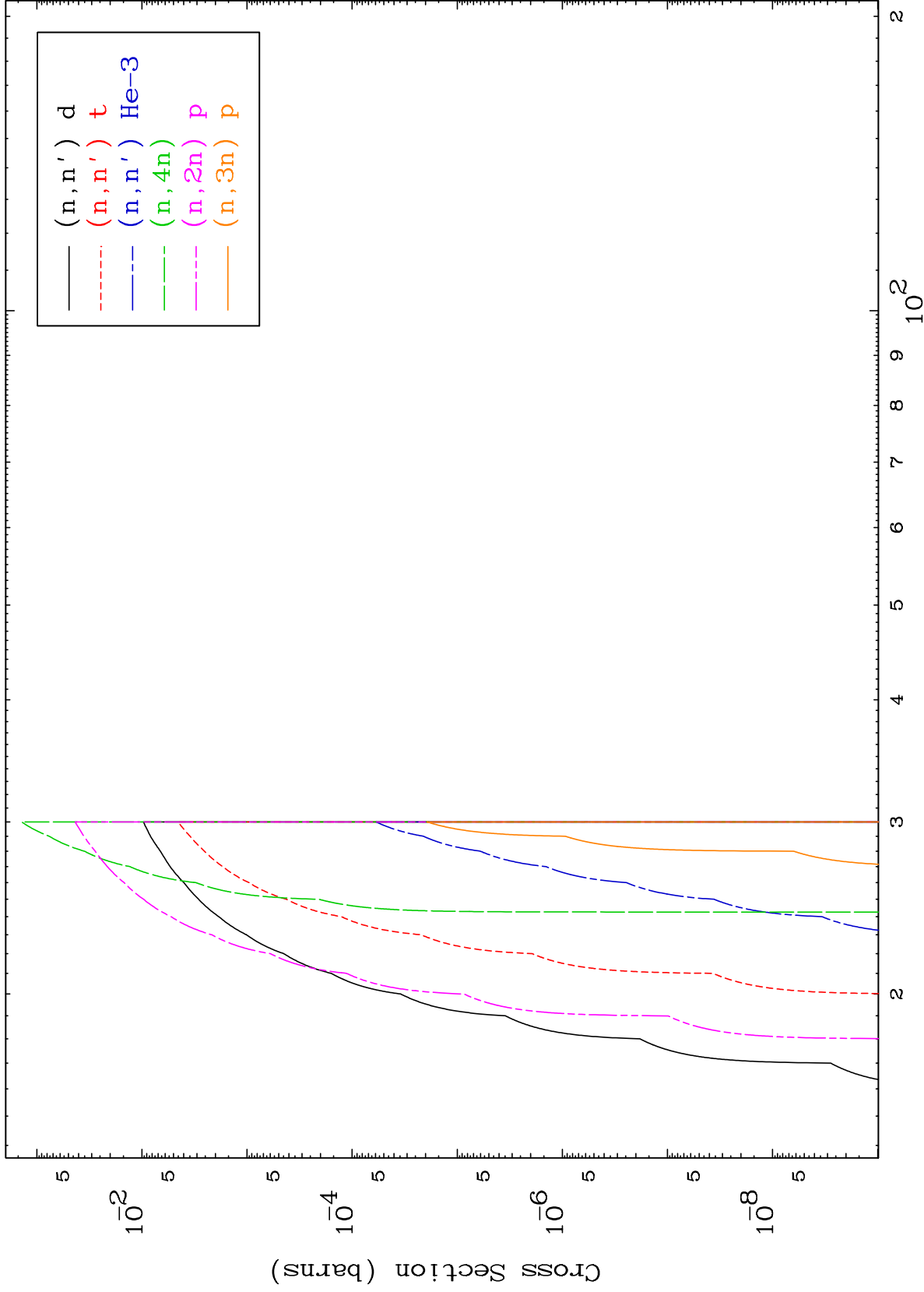
50-Sn-117



2

Incident Energy (MeV)

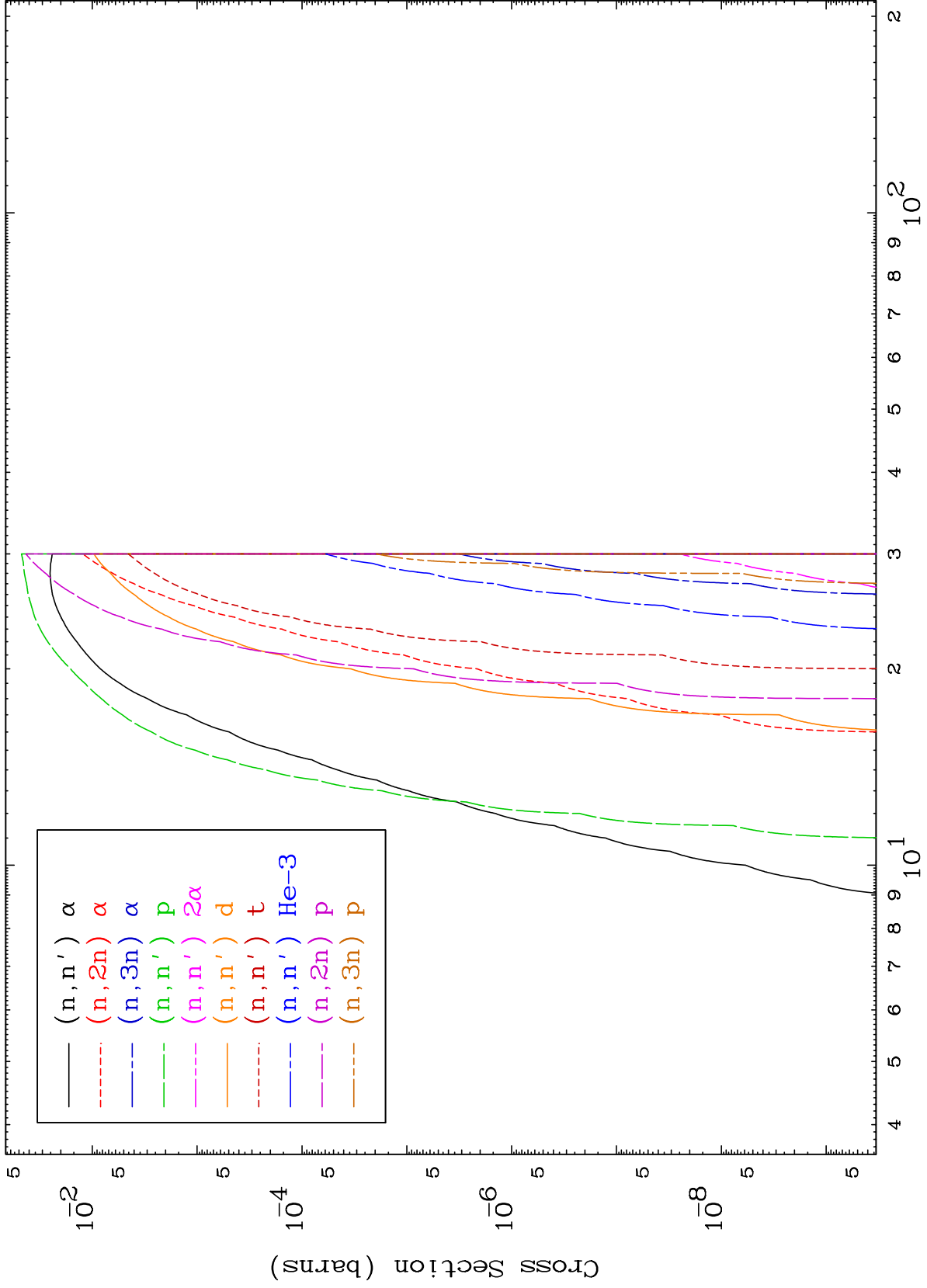
50-Sn-117



MAT 5040

Charged Particle  
293 Kelvin Cross Sections

50-Sn-117



50-Sn-117

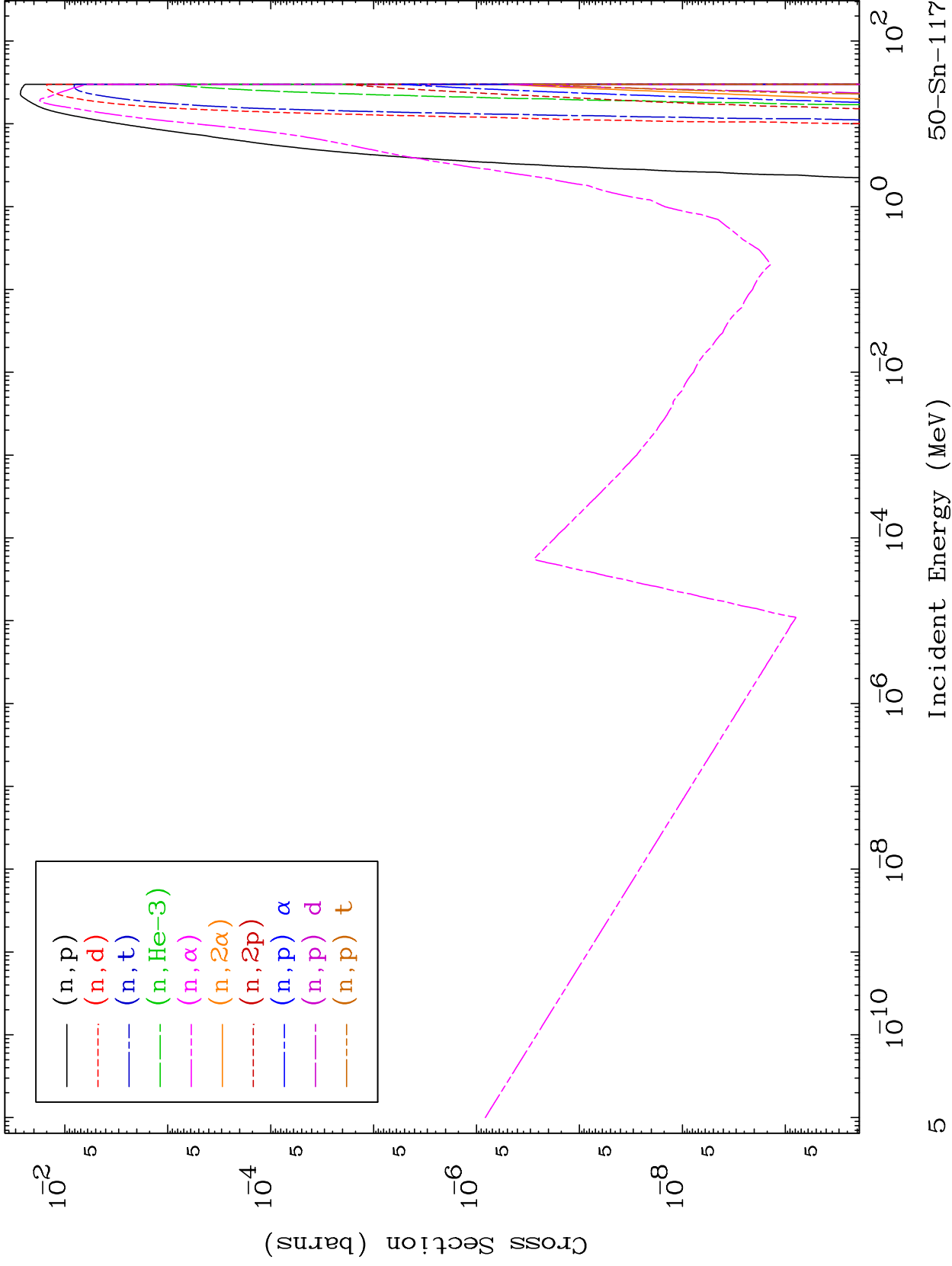
Incident Energy (MeV)

4

MAT 5040

Charged Particle  
293 Kelvin Cross Sections

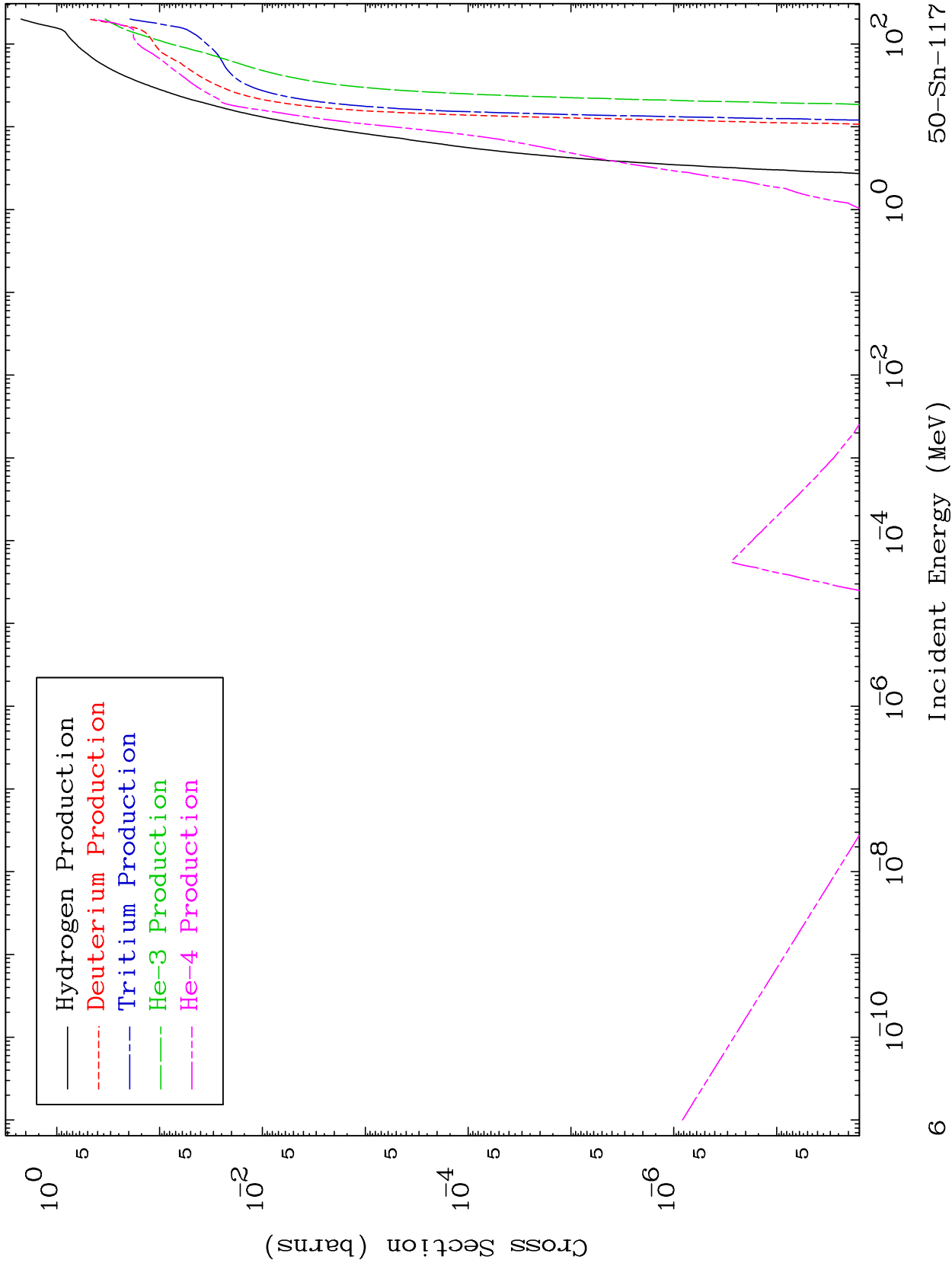
50-Sn-117



MAT 5040

Particle Production  
293 Kelvin Cross Sections

50-Sn-117

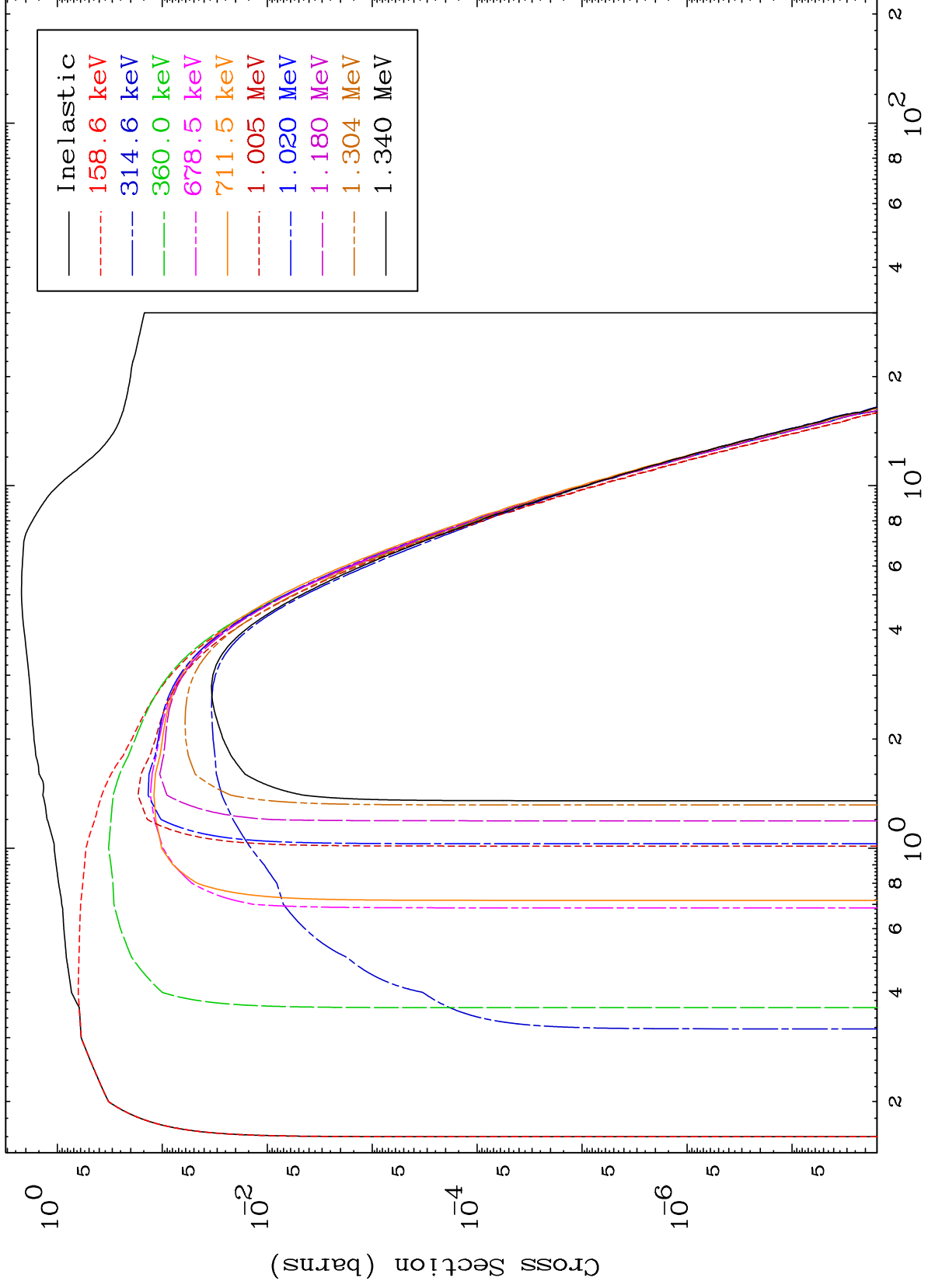


MAT 5040

(n,n') Level

50-Sn-117

293 Kelvin Cross Sections

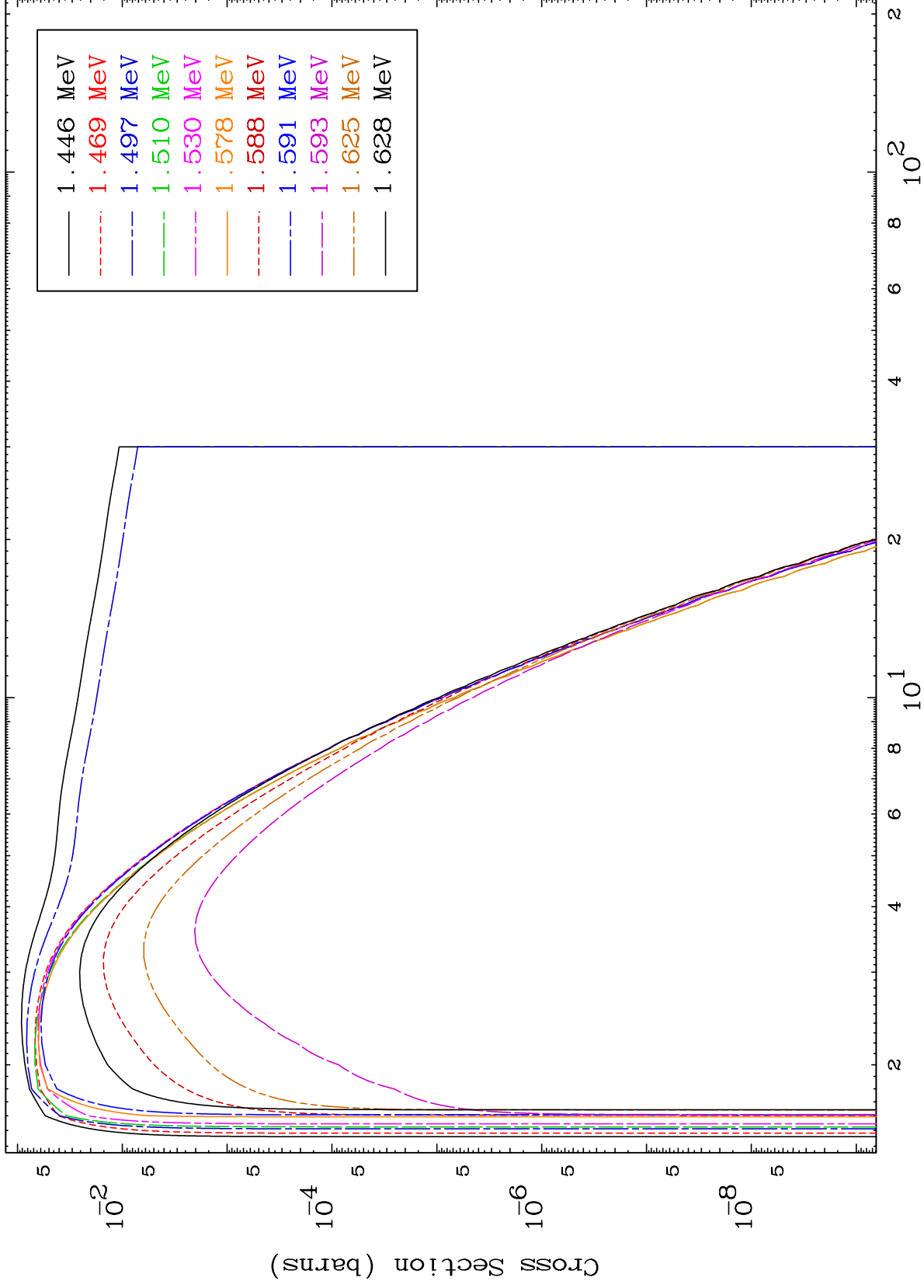




MAT 5040

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-117



8

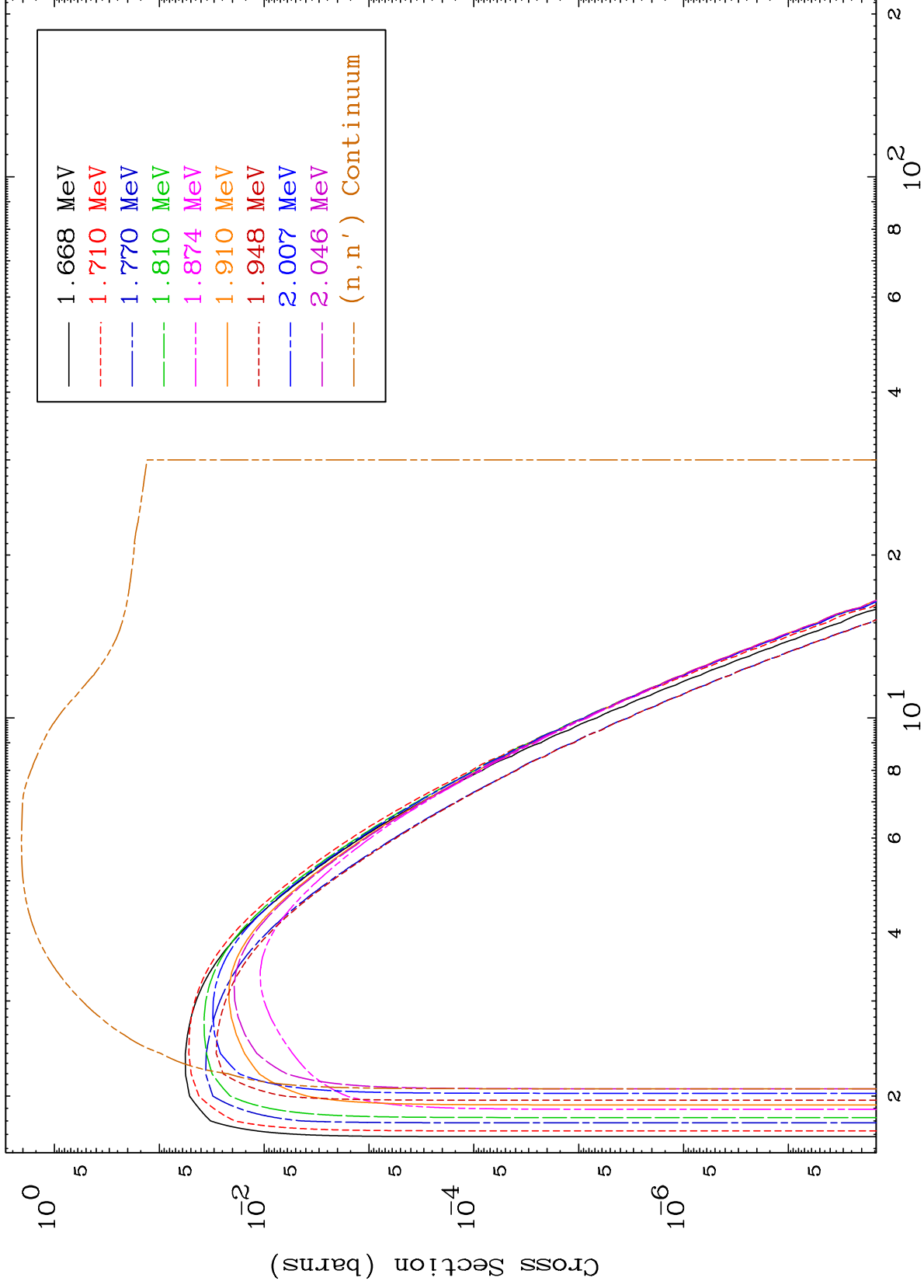
Incident Energy (MeV)

50-Sn-117

MAT 5040

(n,n') Level  
293 Kelvin Cross Sections

50-Sn-117



9

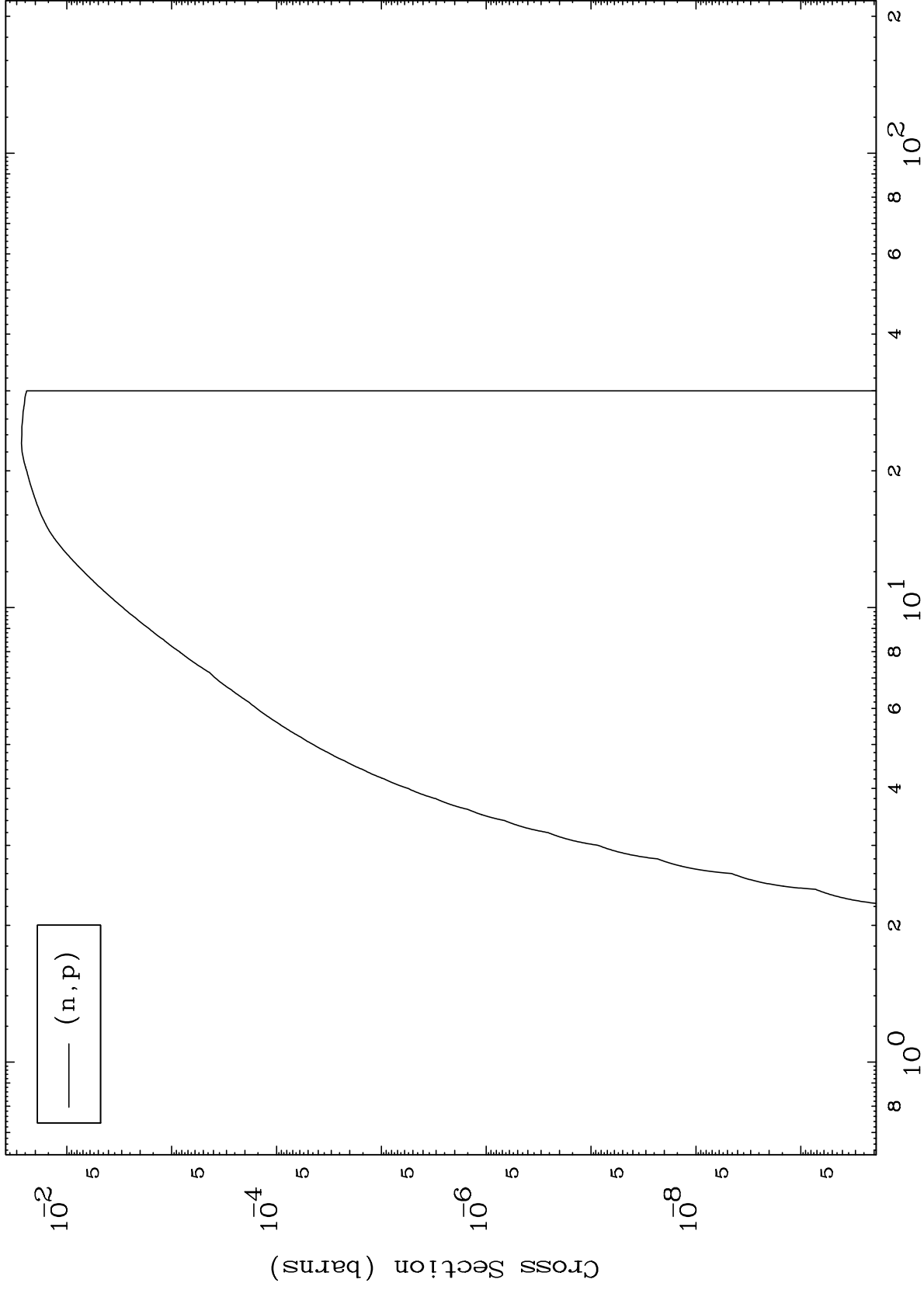
Incident Energy (MeV)

50-Sn-117

MAT 5040

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-117



10

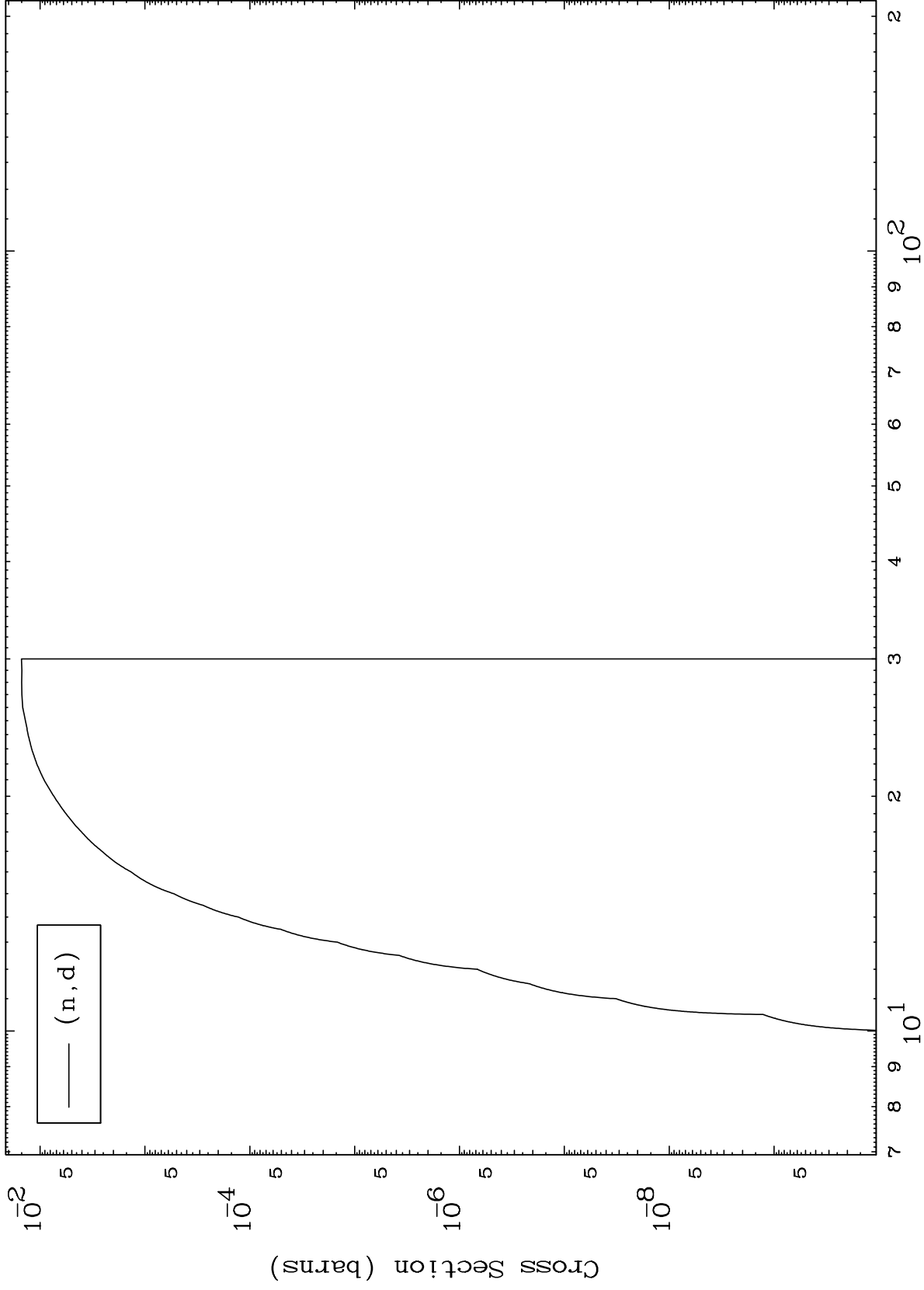
Incident Energy (MeV)

50-Sn-117

MAT 5040

(n,d) Levels  
293 Kelvin Cross Sections

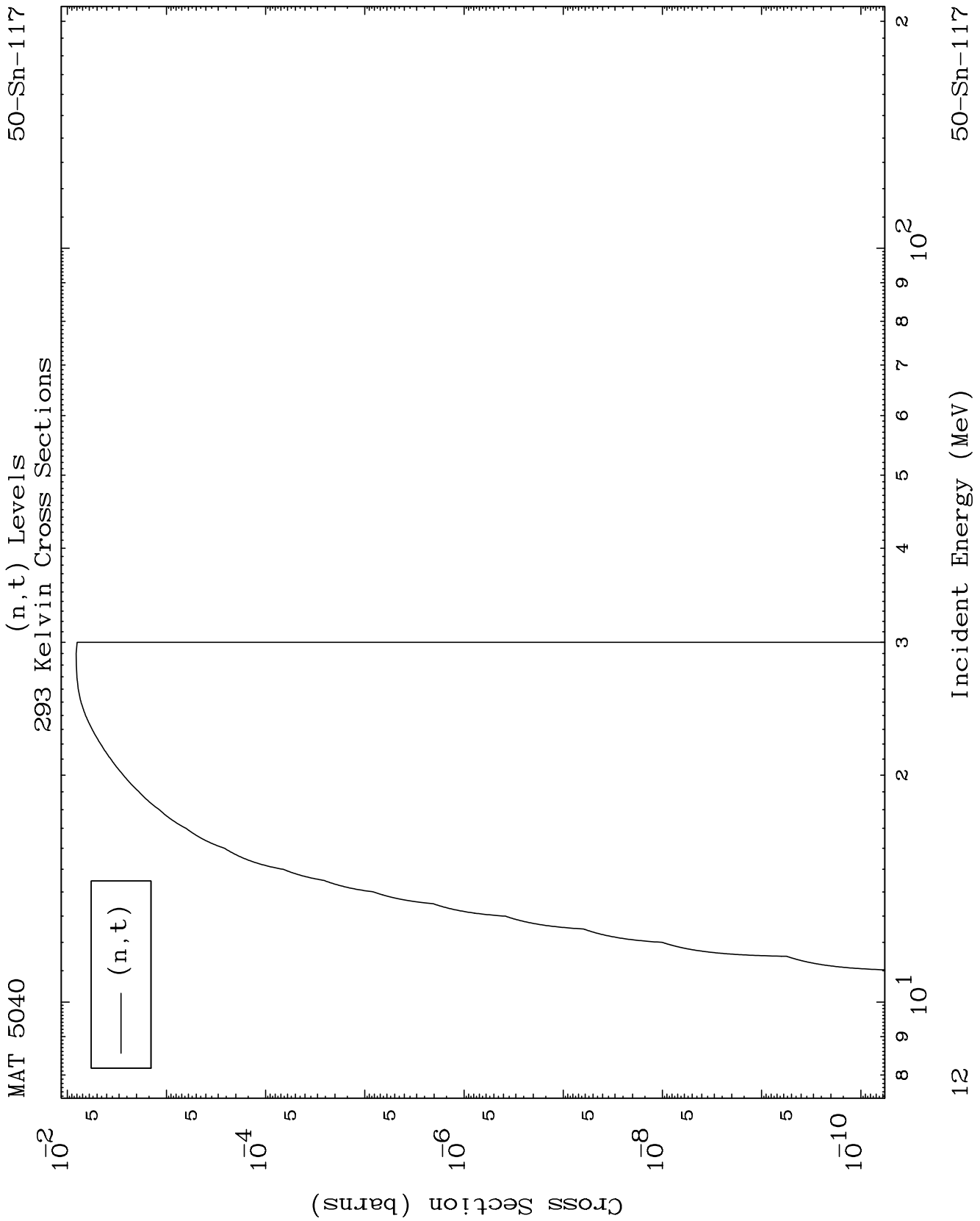
50-Sn-117



11

Incident Energy (MeV)

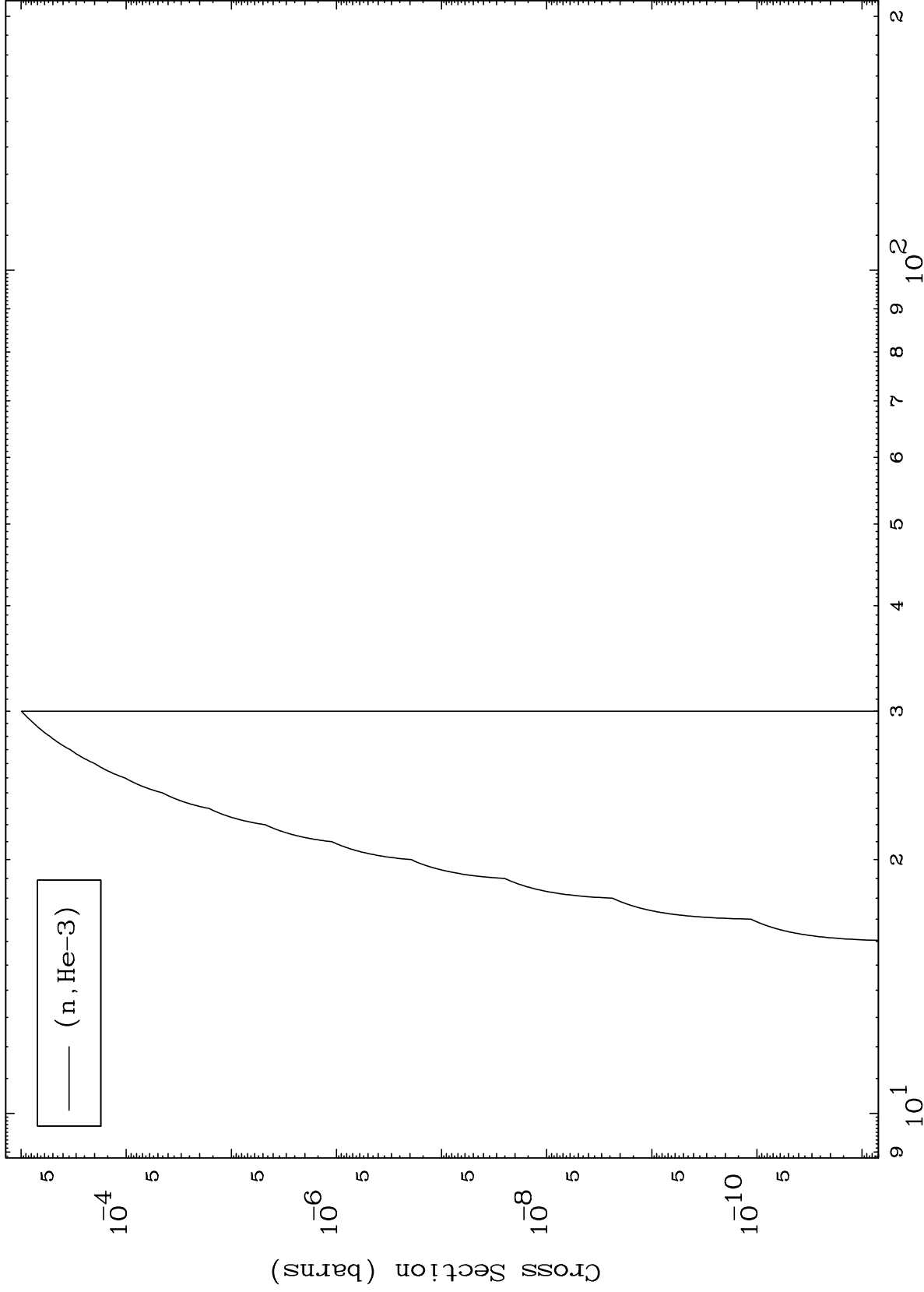
50-Sn-117



MAT 5040

(n,He3) Levels  
293 Kelvin Cross Sections

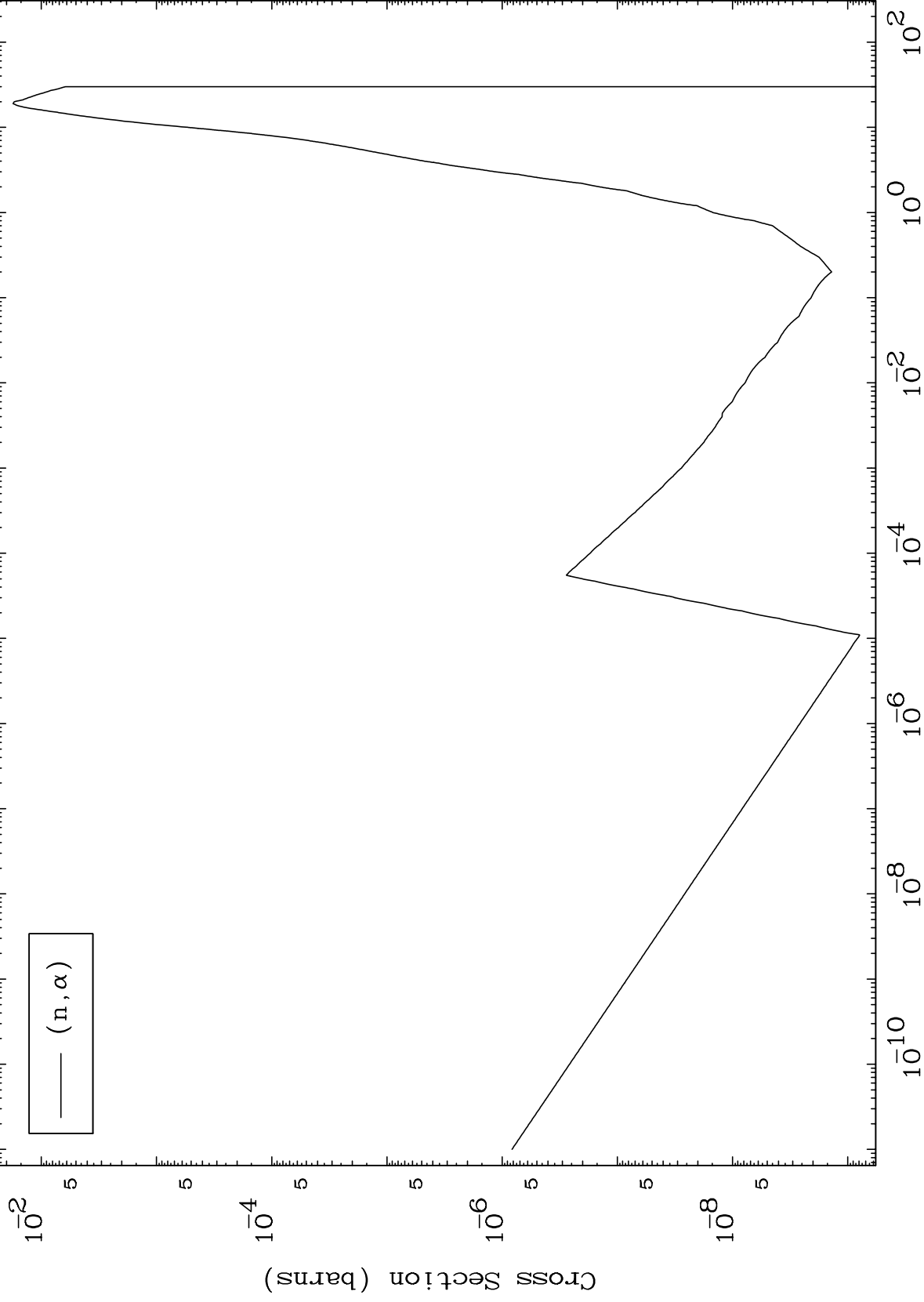
50-Sn-117



MAT 5040

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

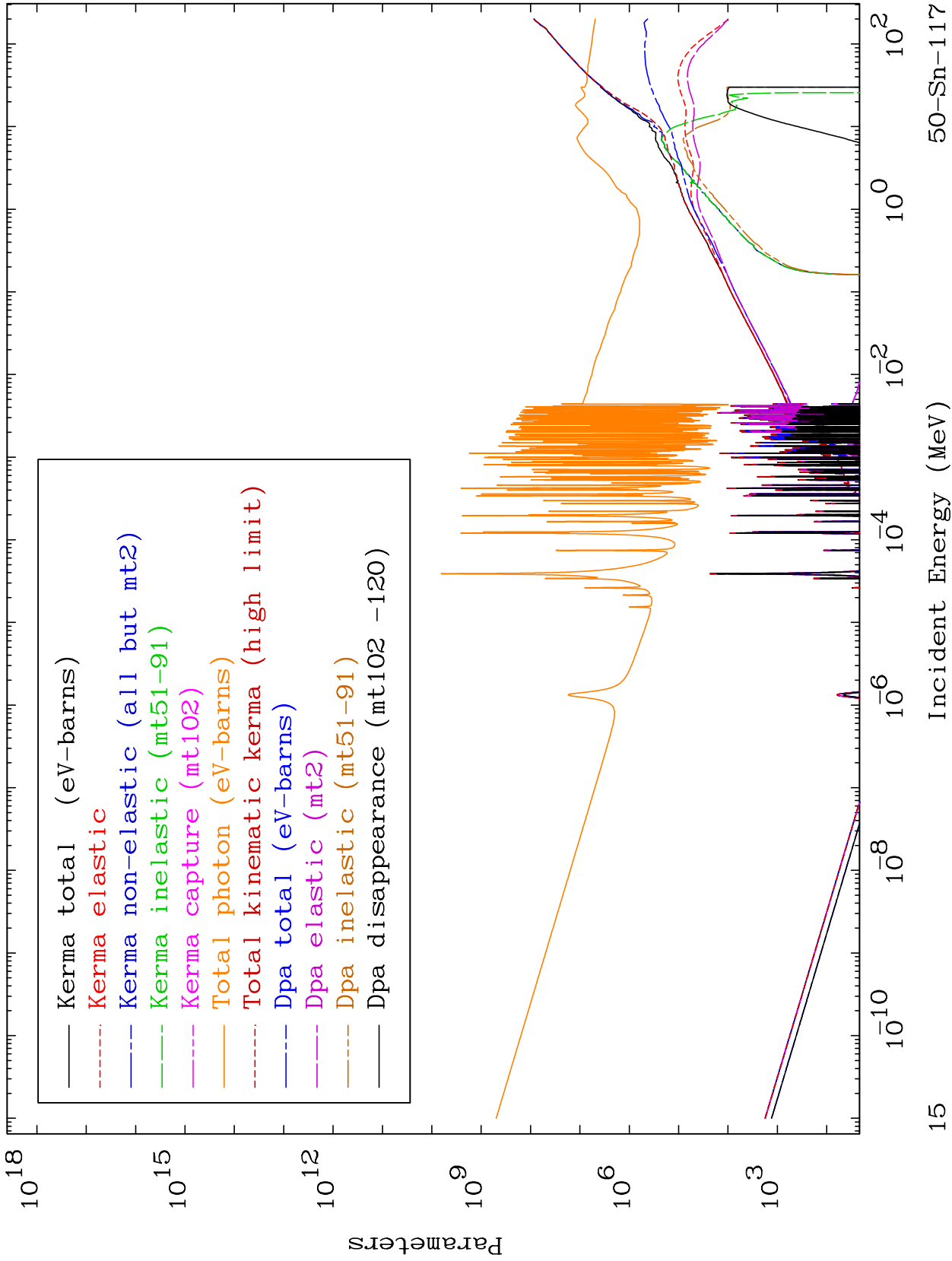
50-Sn-117



14

Incident Energy (MeV)

50-Sn-117

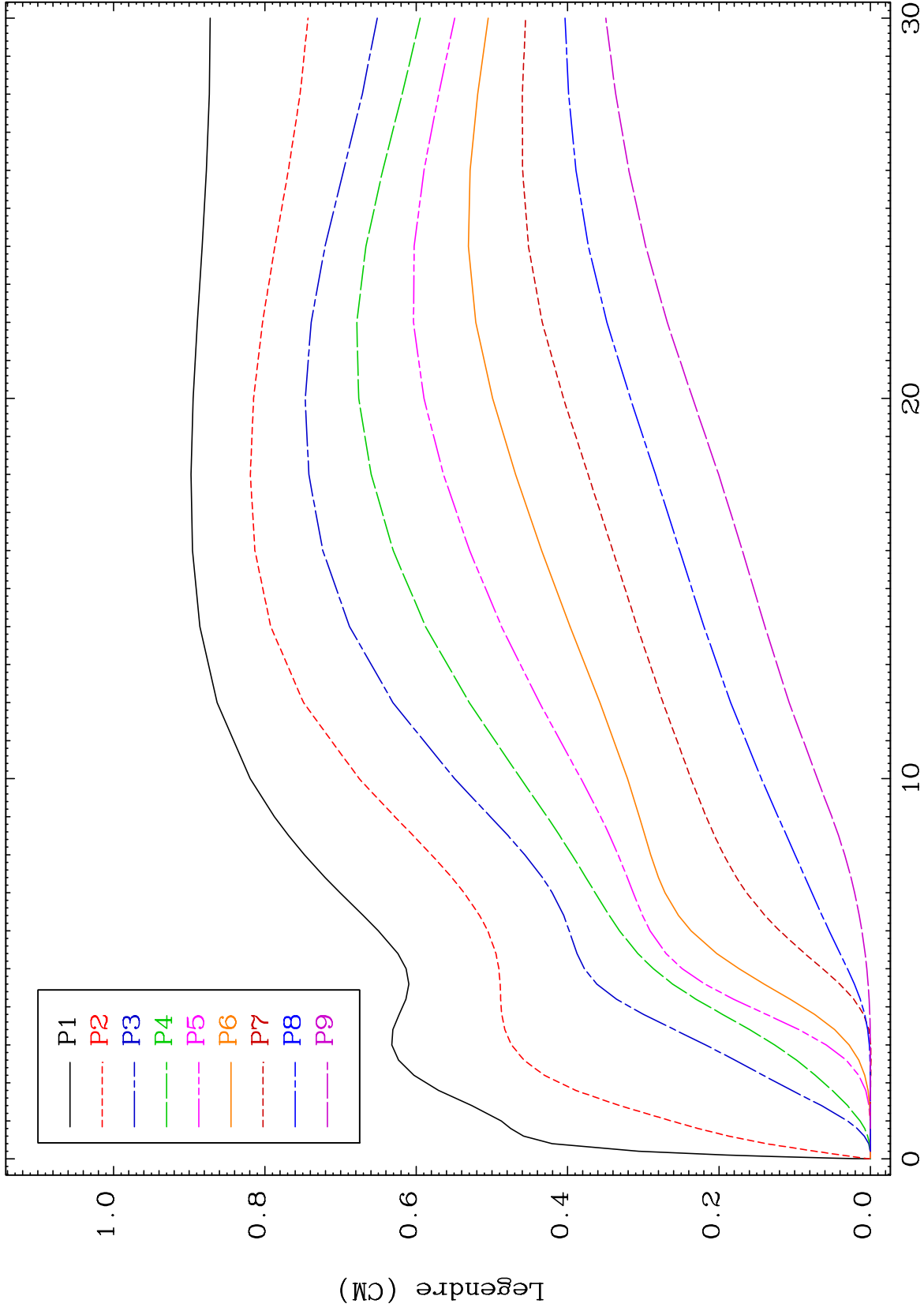




MAT 5040

Elastic Legendre Coefficients

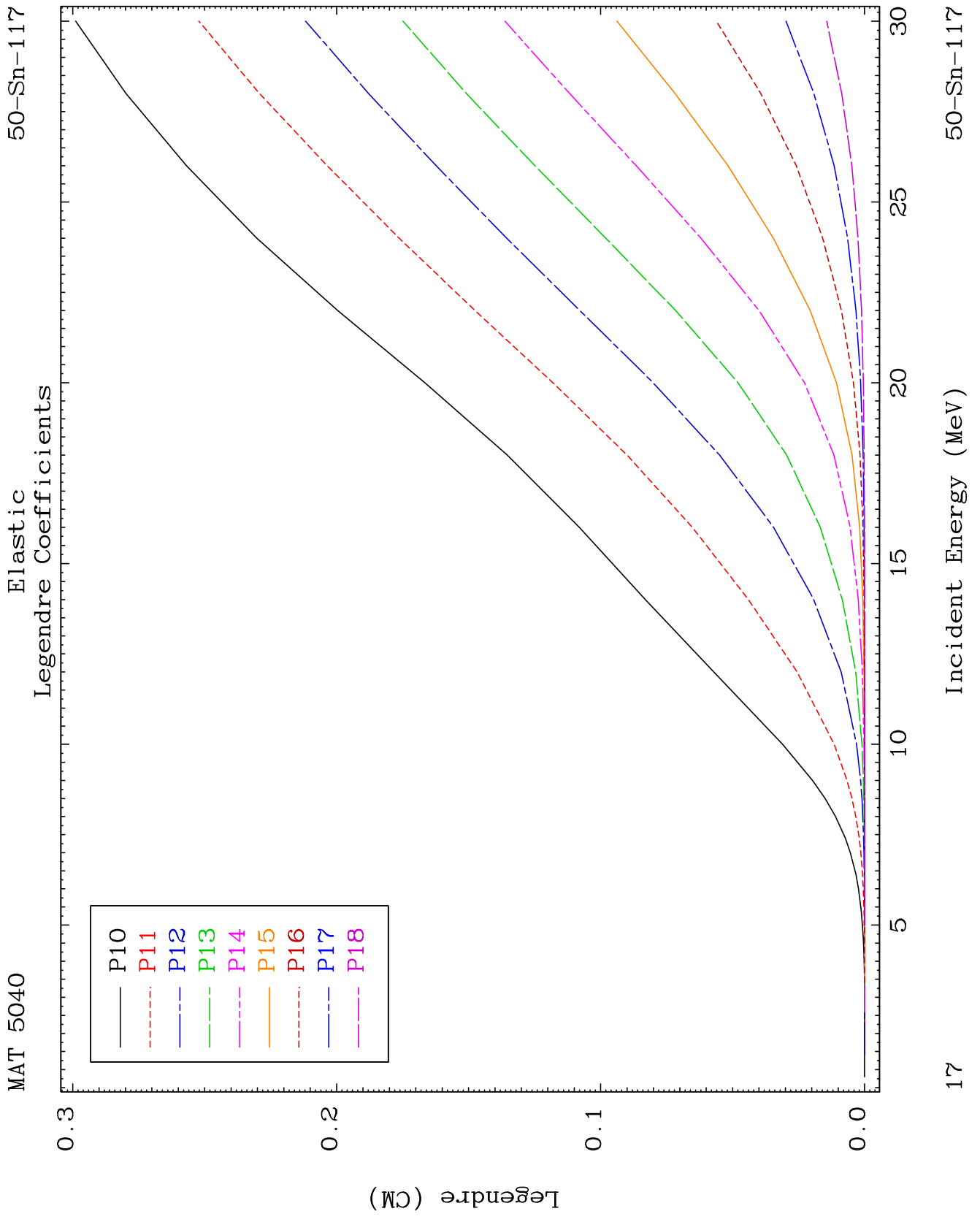
50-Sn-117



16

Incident Energy (MeV)

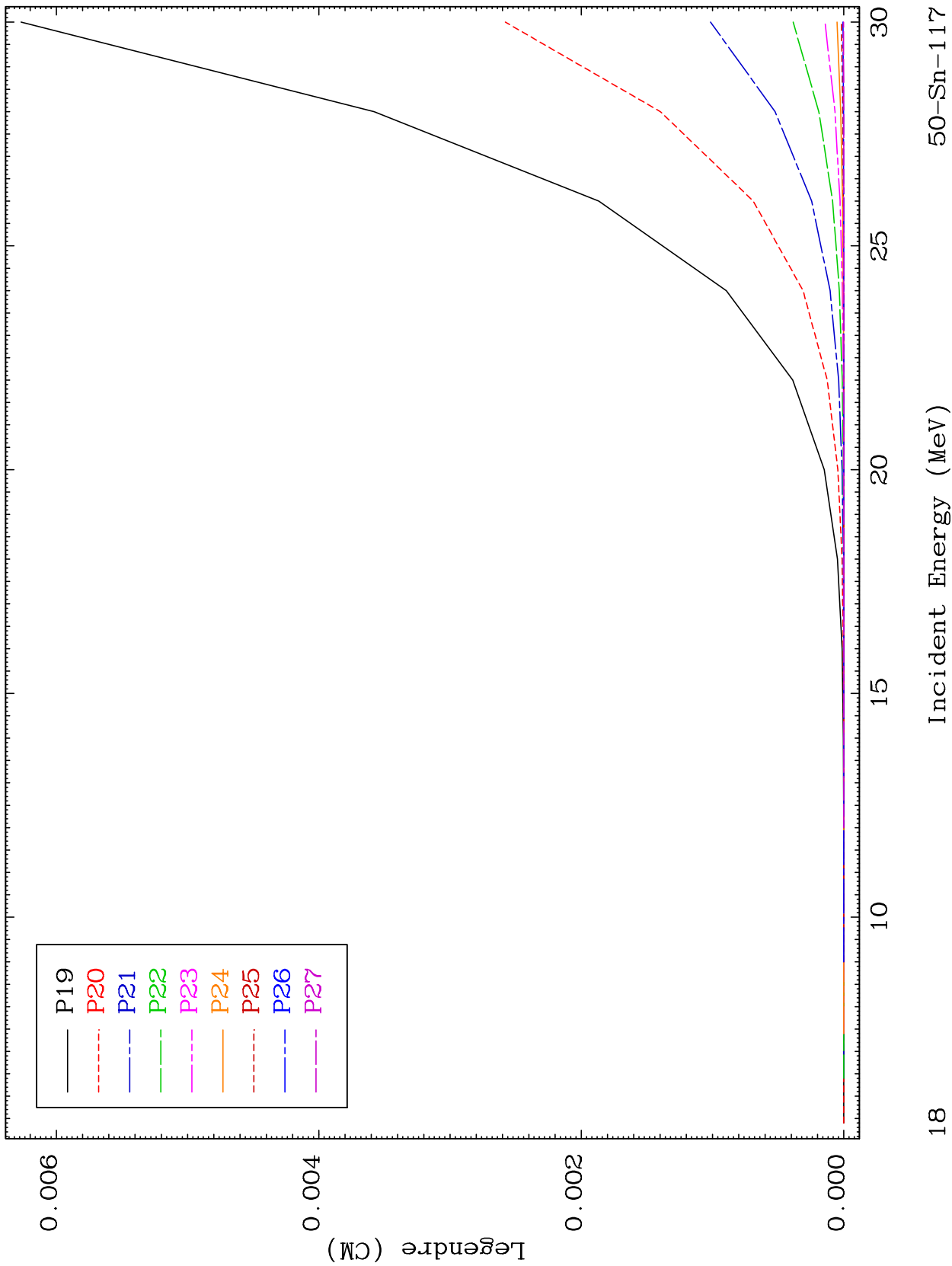
50-Sn-117



MAT 5040

Elastic Legendre Coefficients

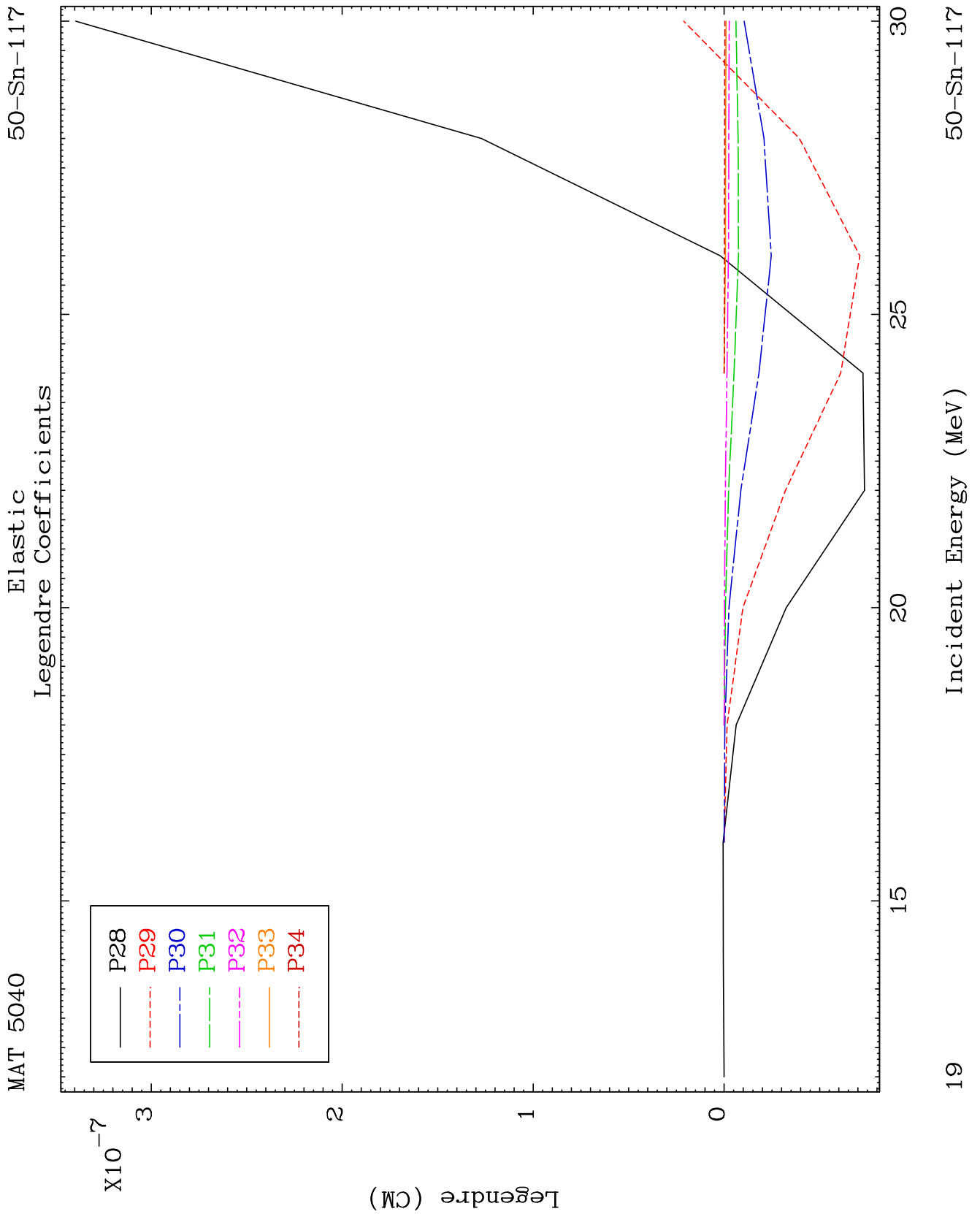
50-Sn-117



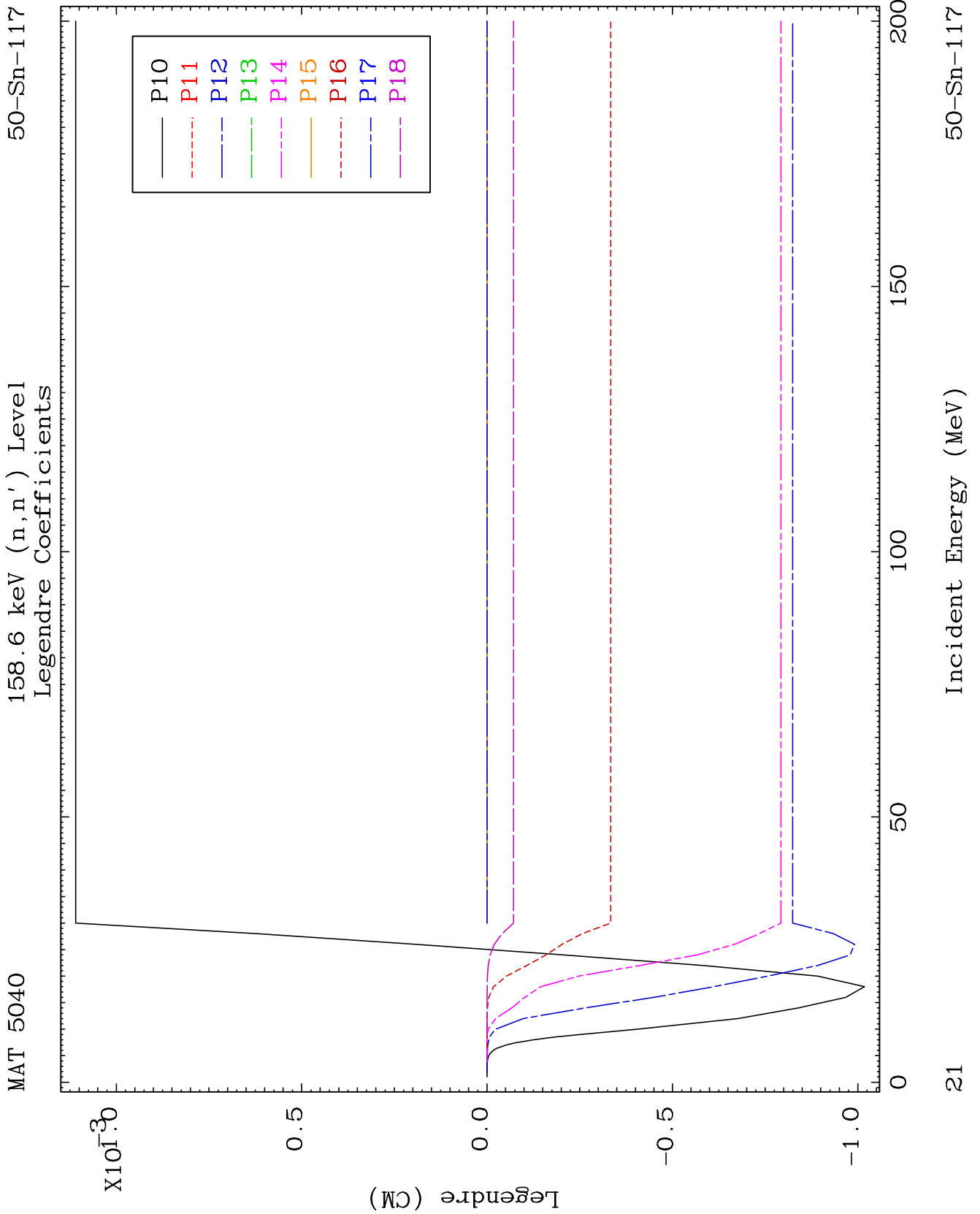
18

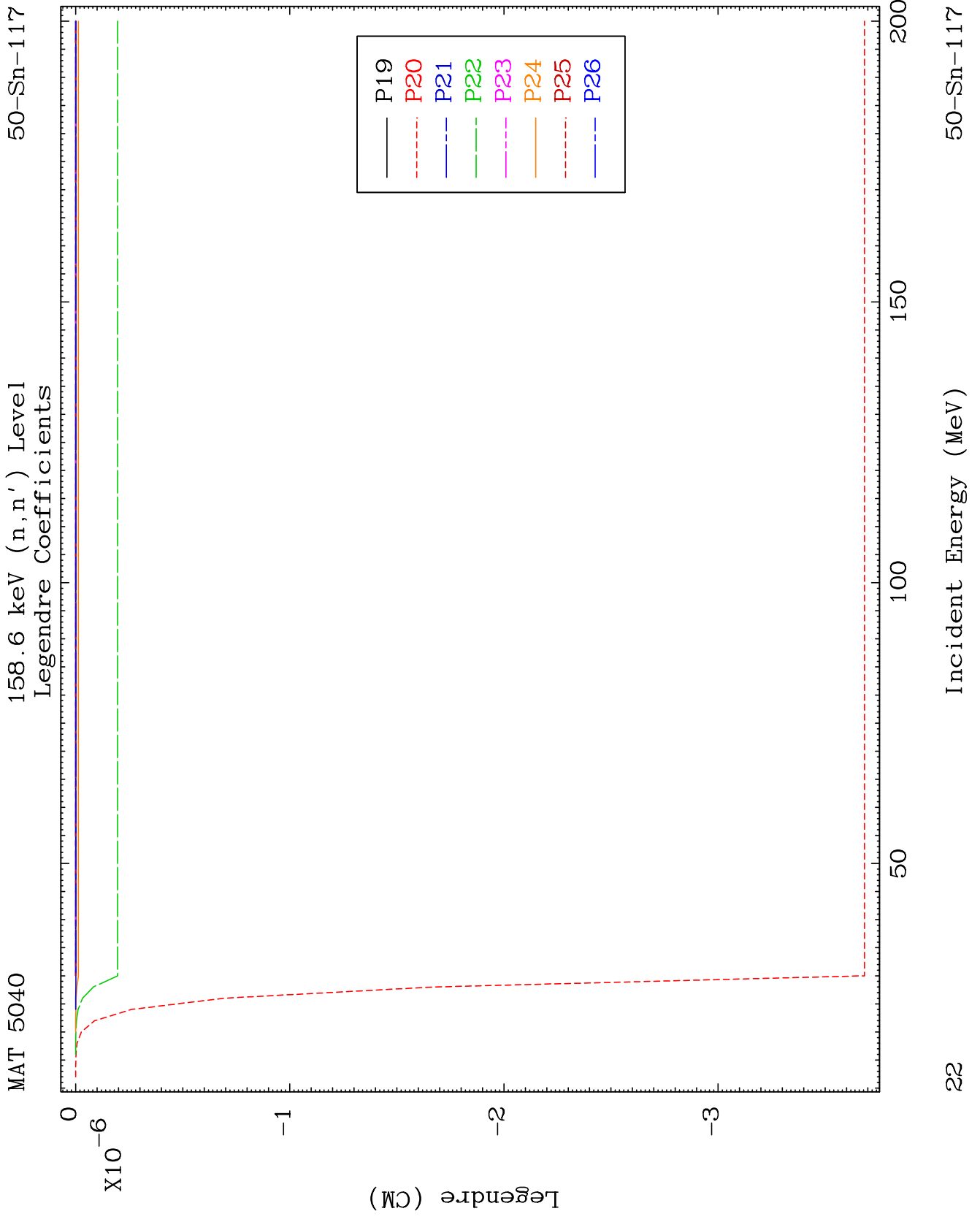
Incident Energy (MeV)

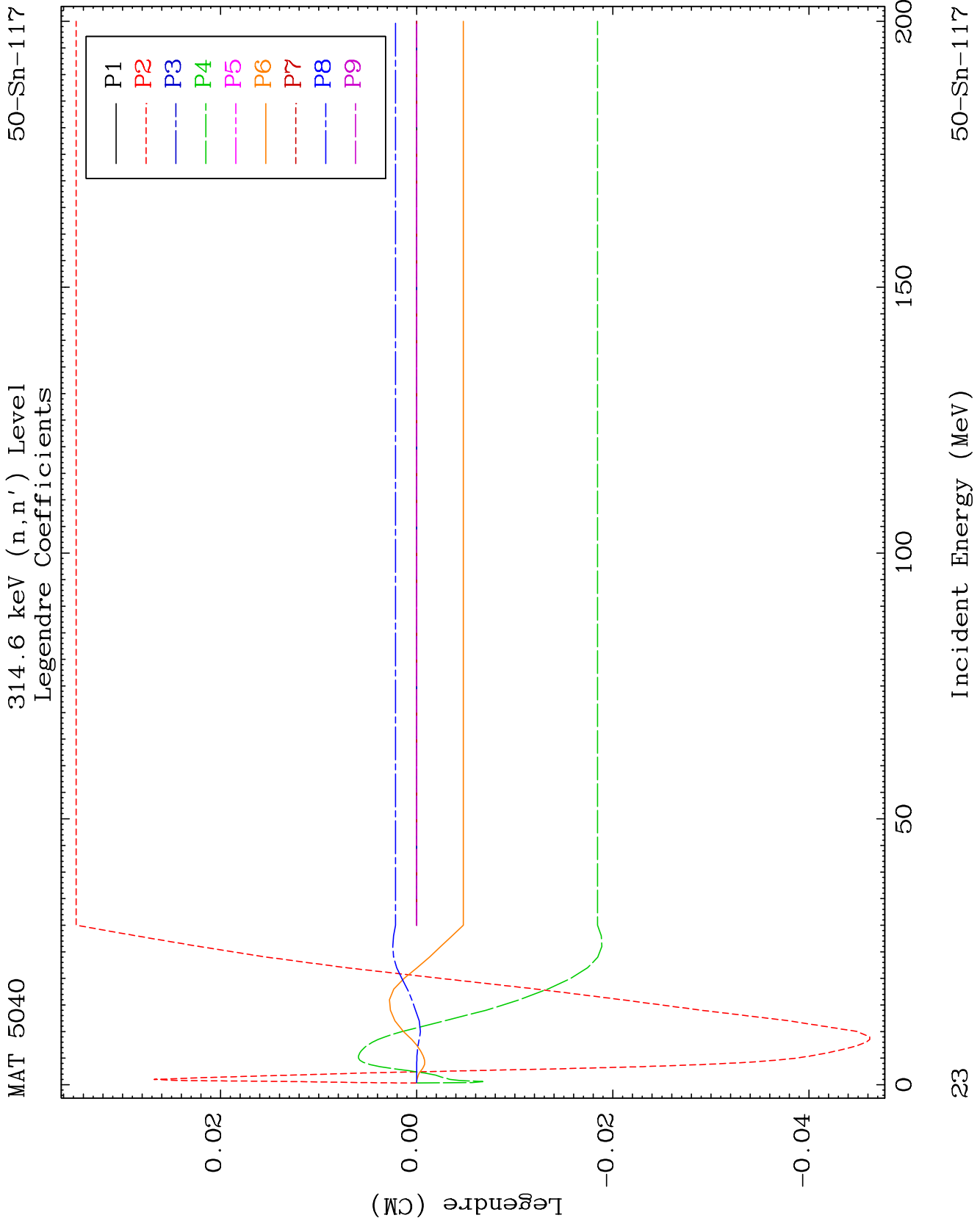
50-Sn-117



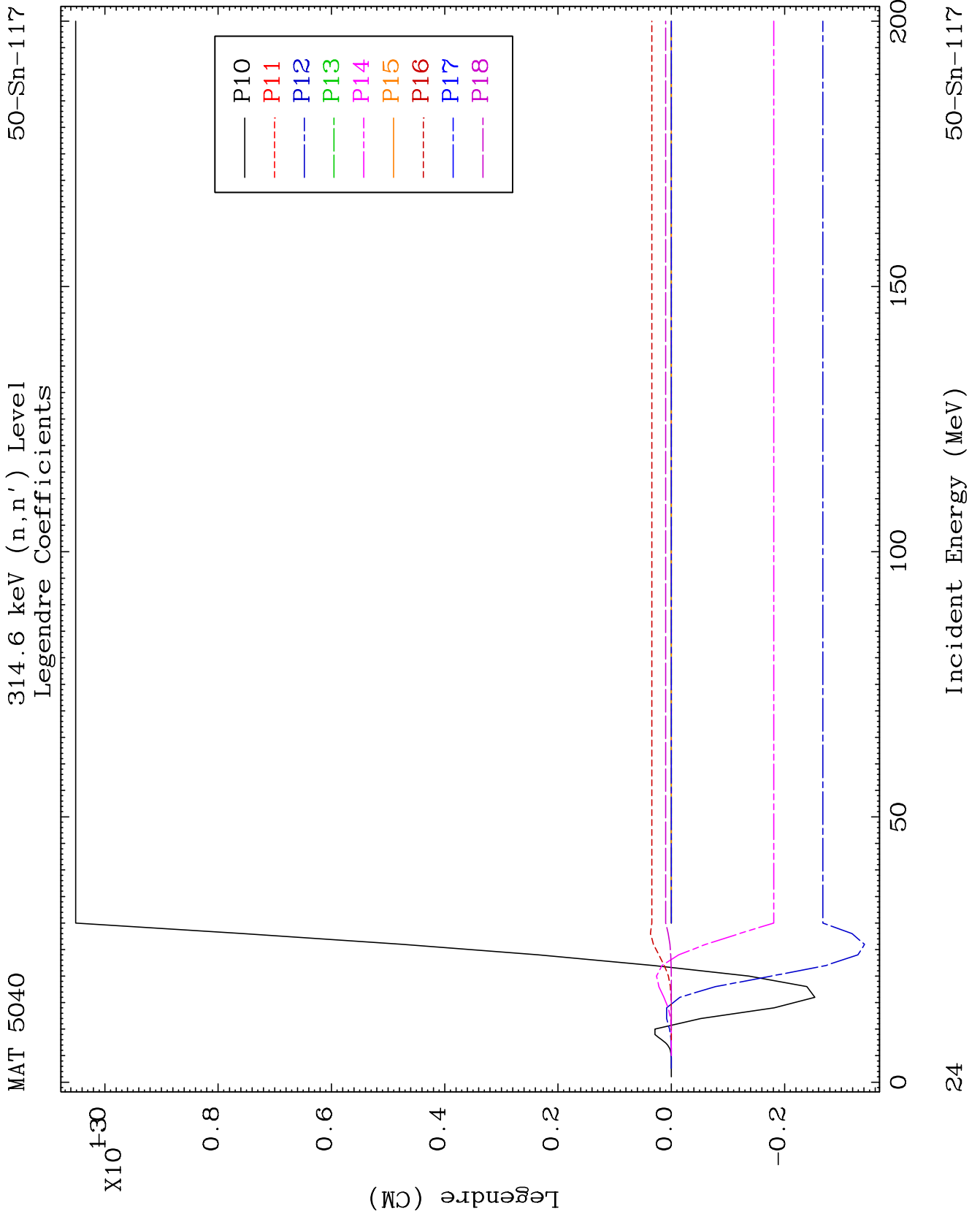


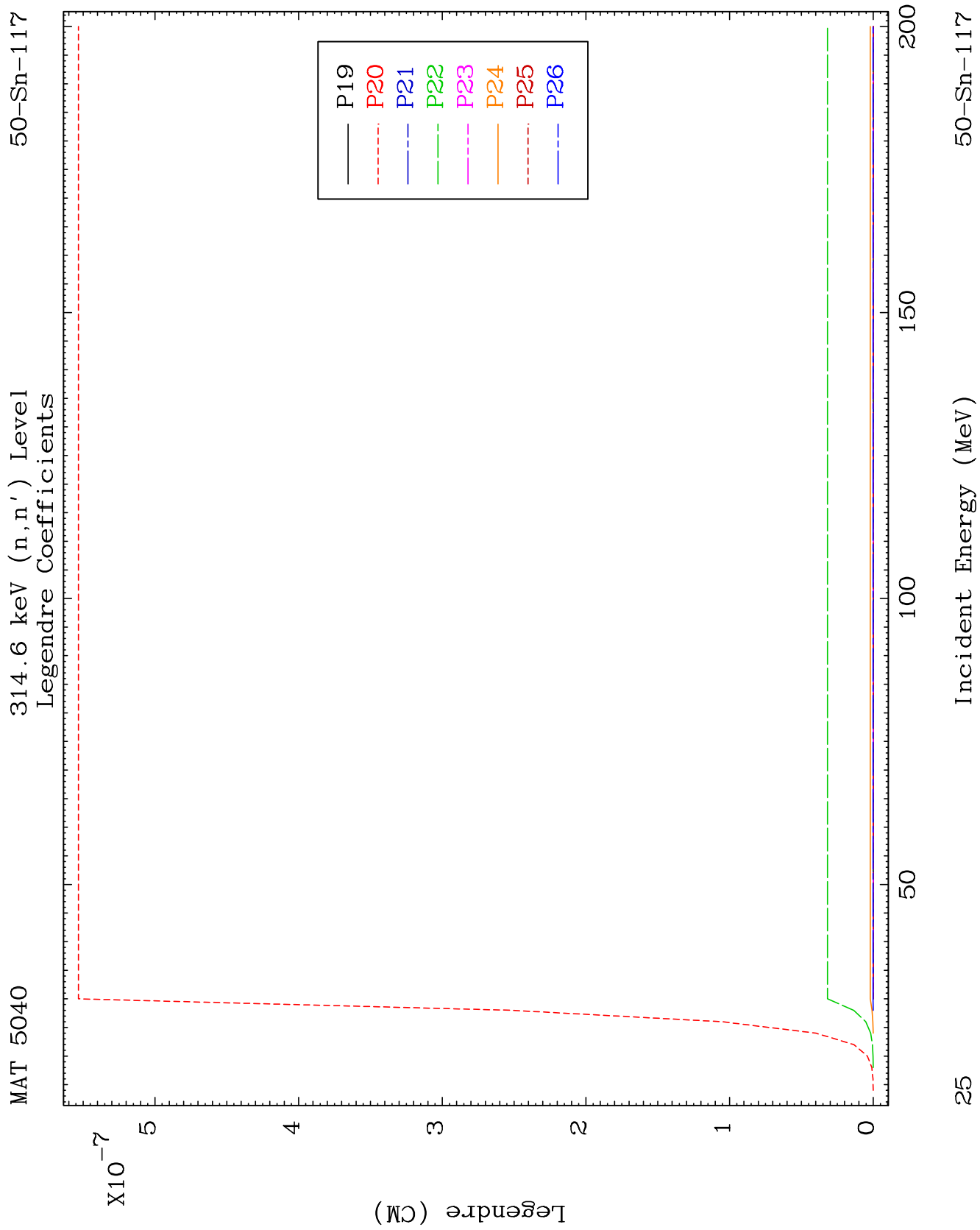






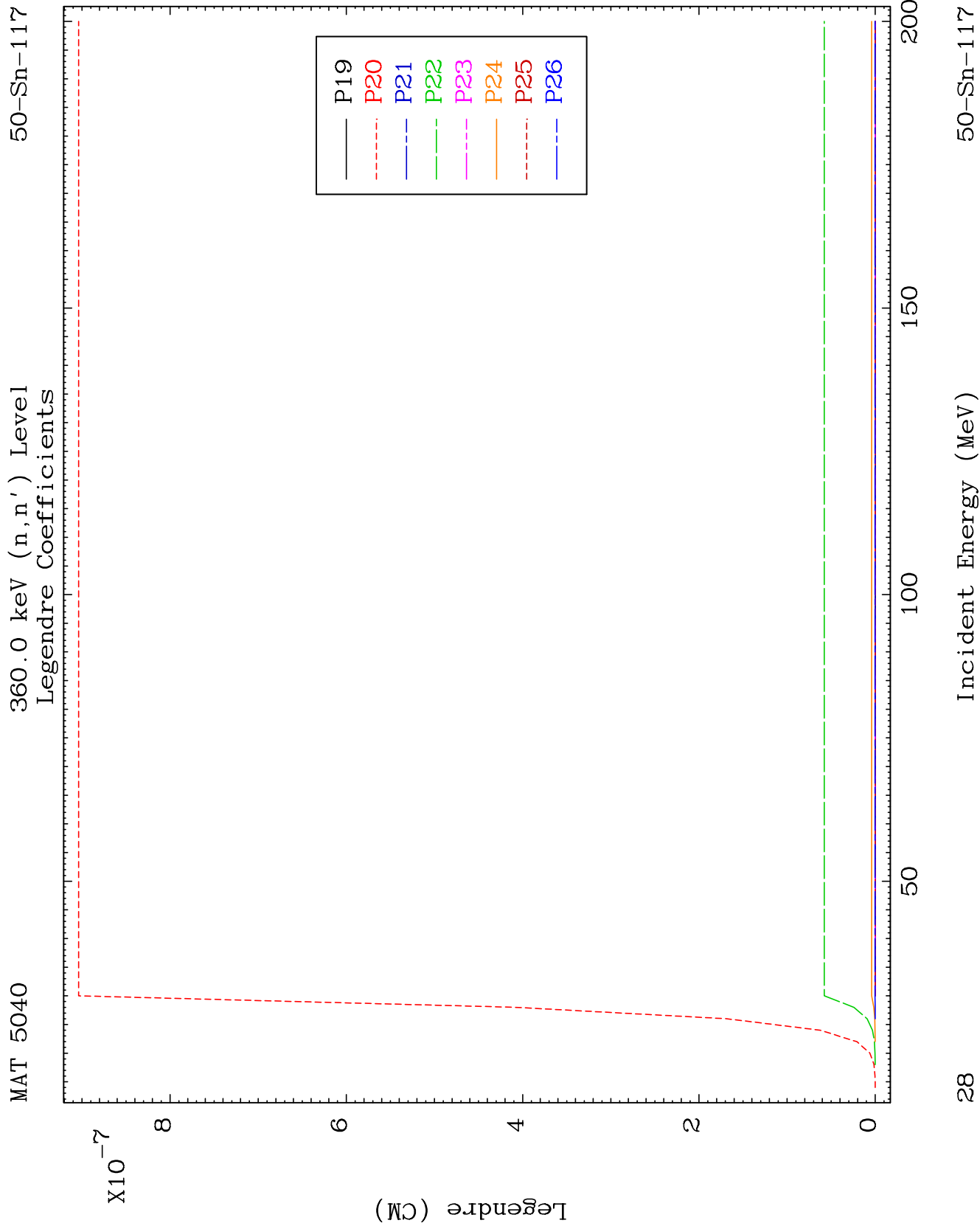










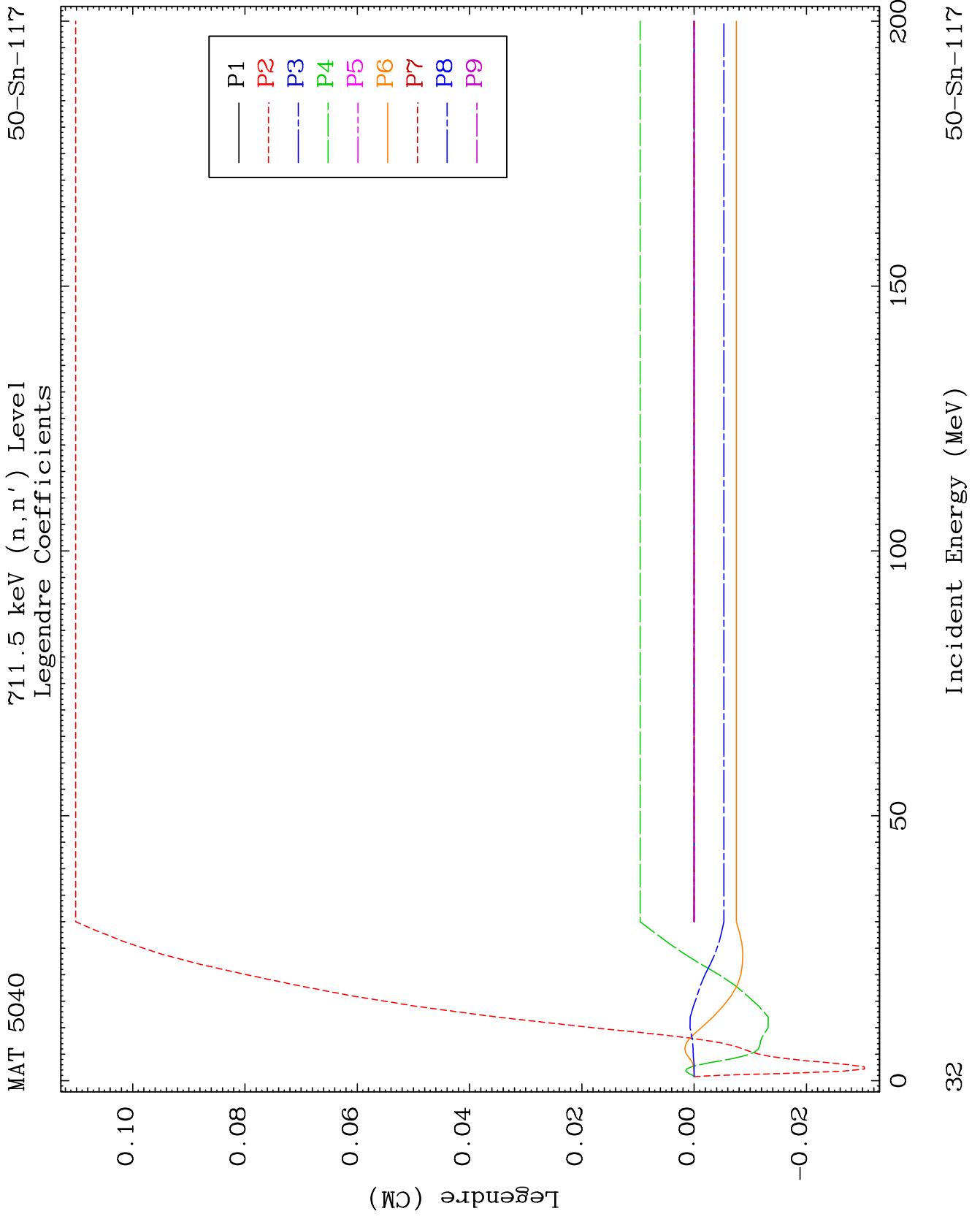


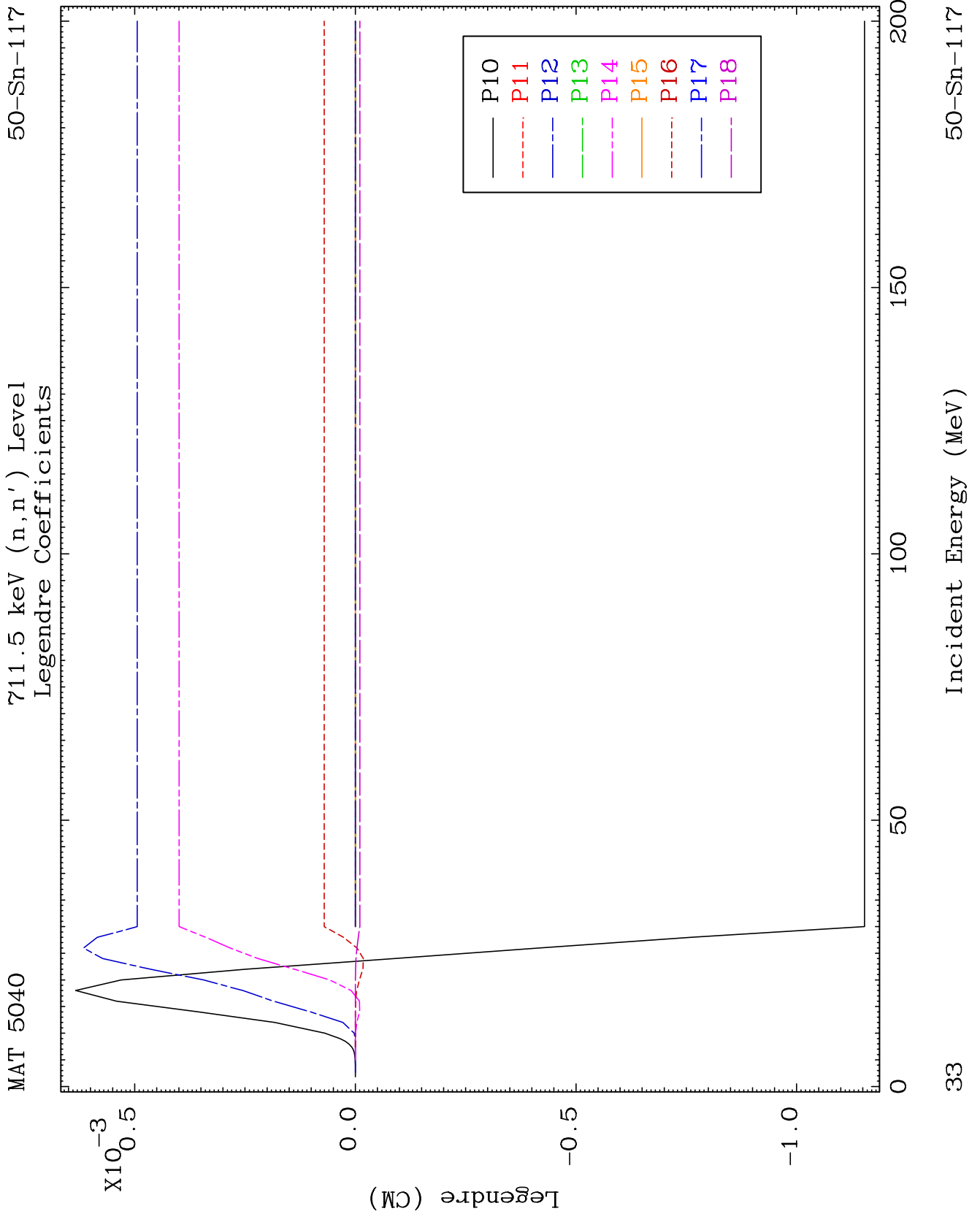


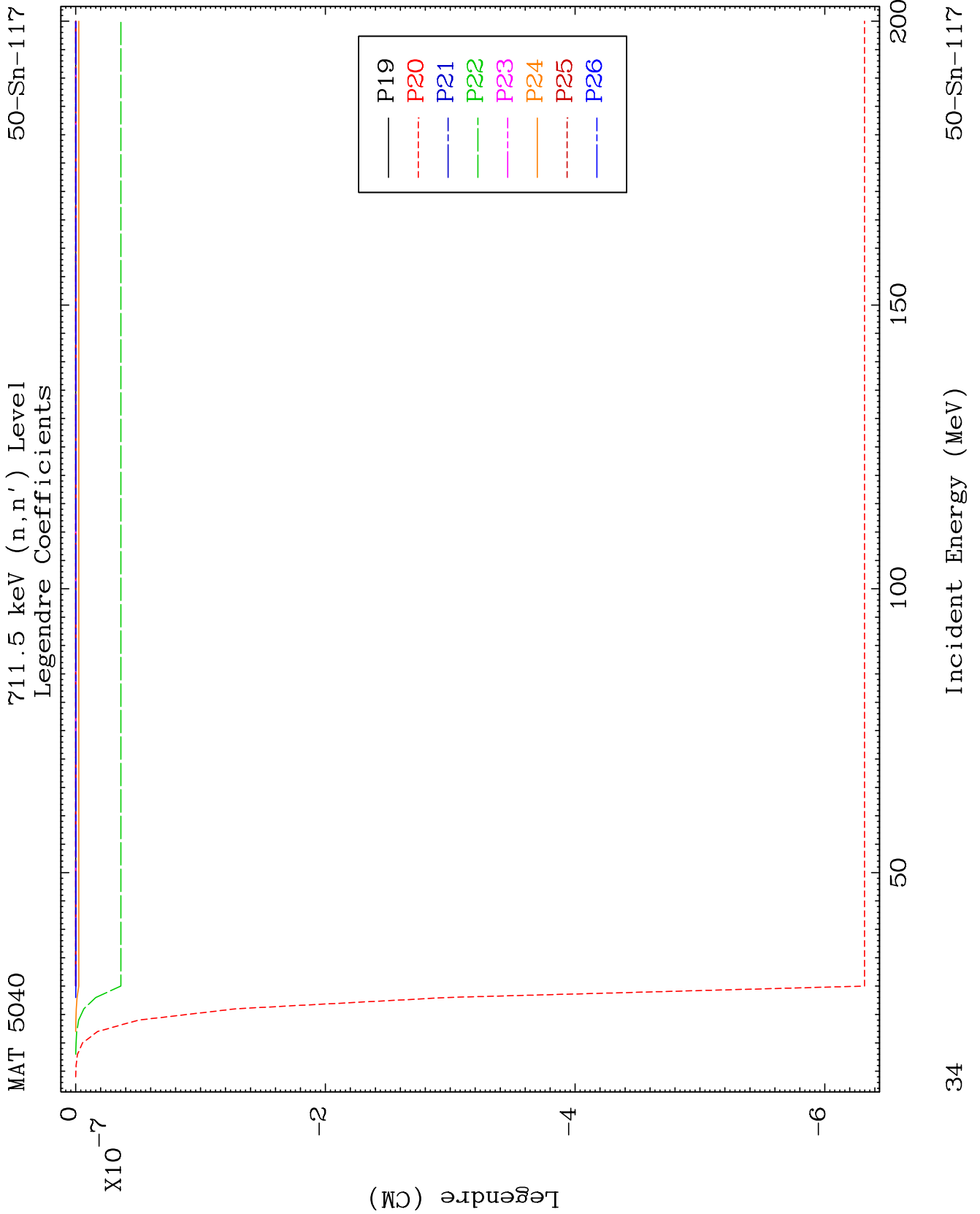






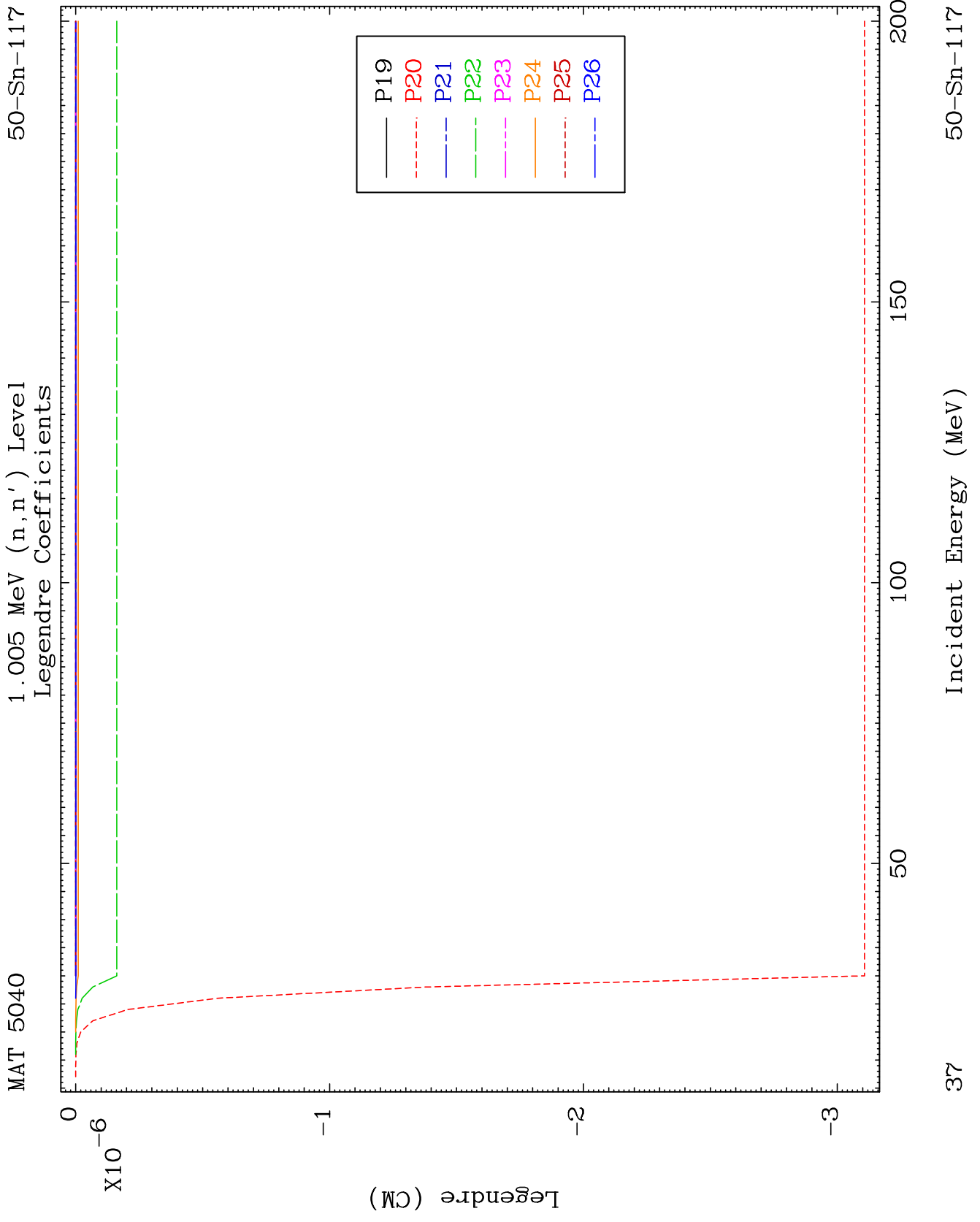


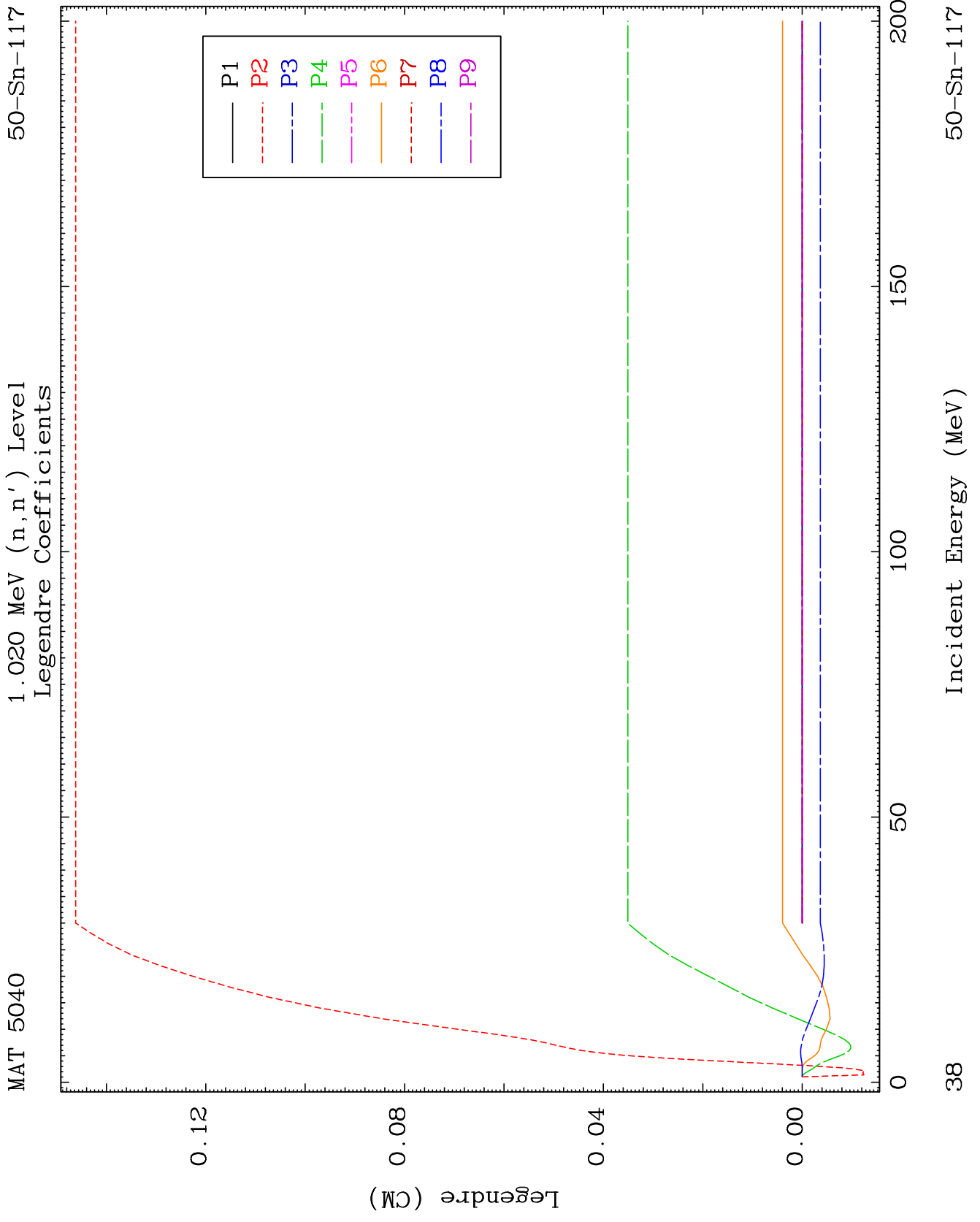






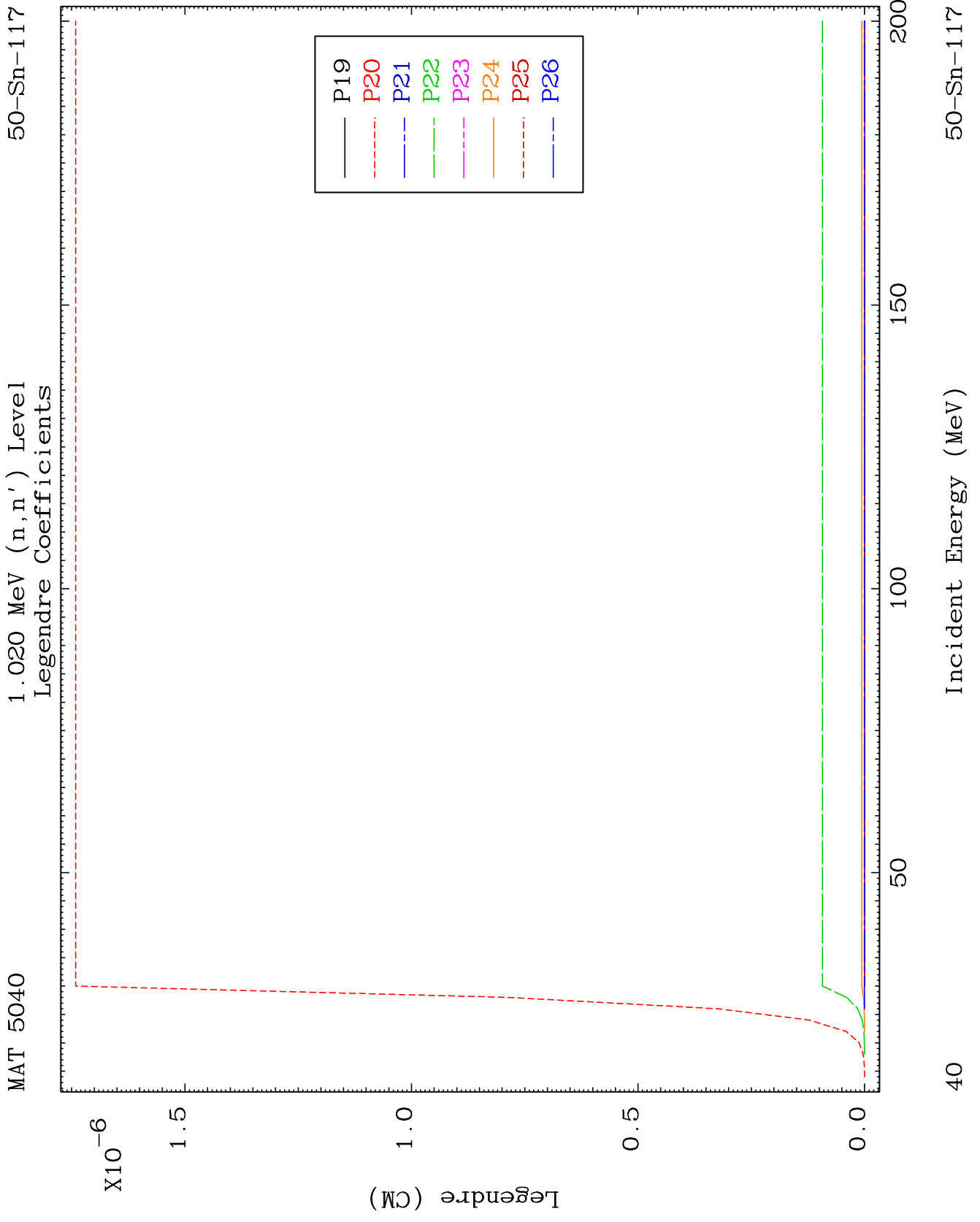






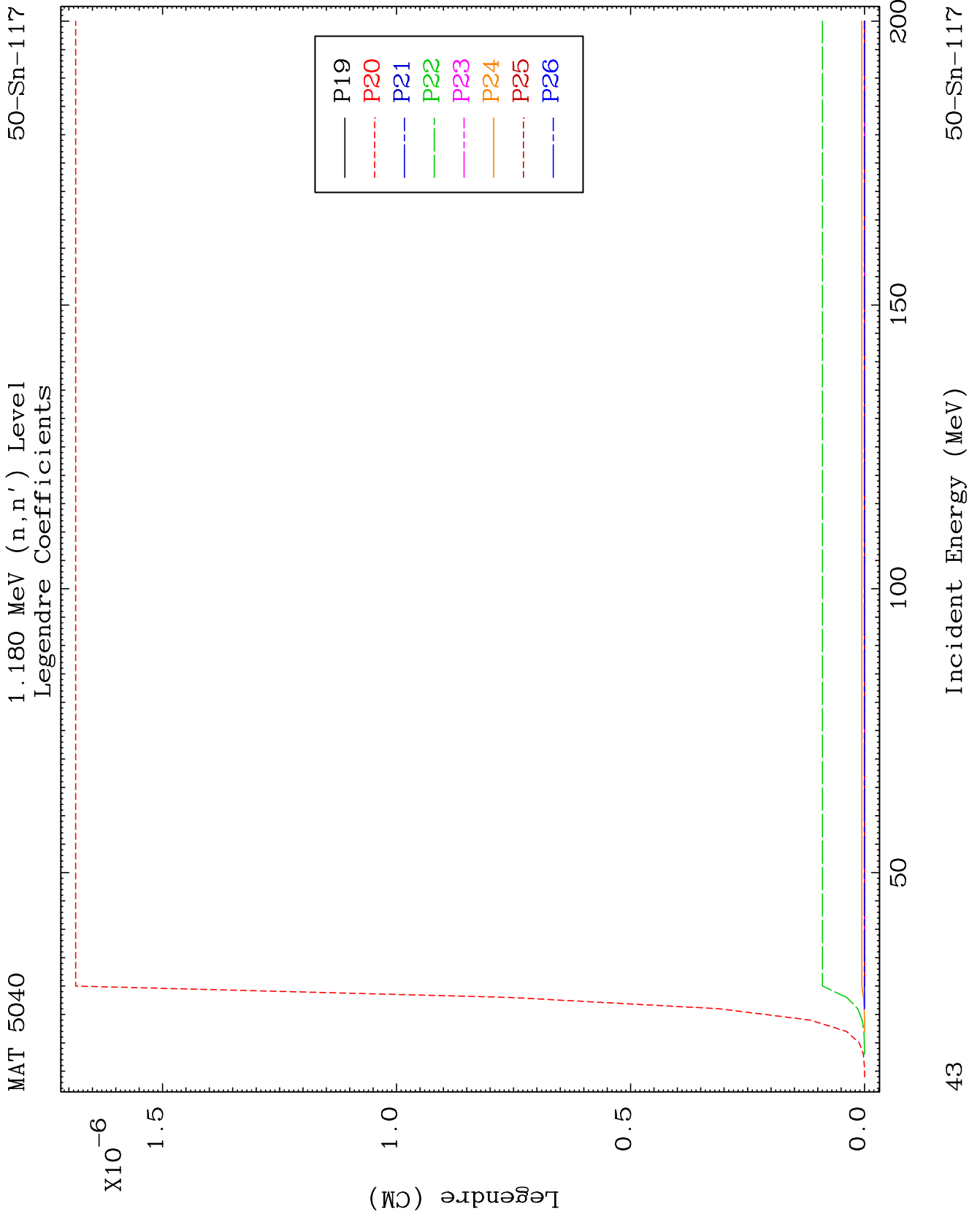


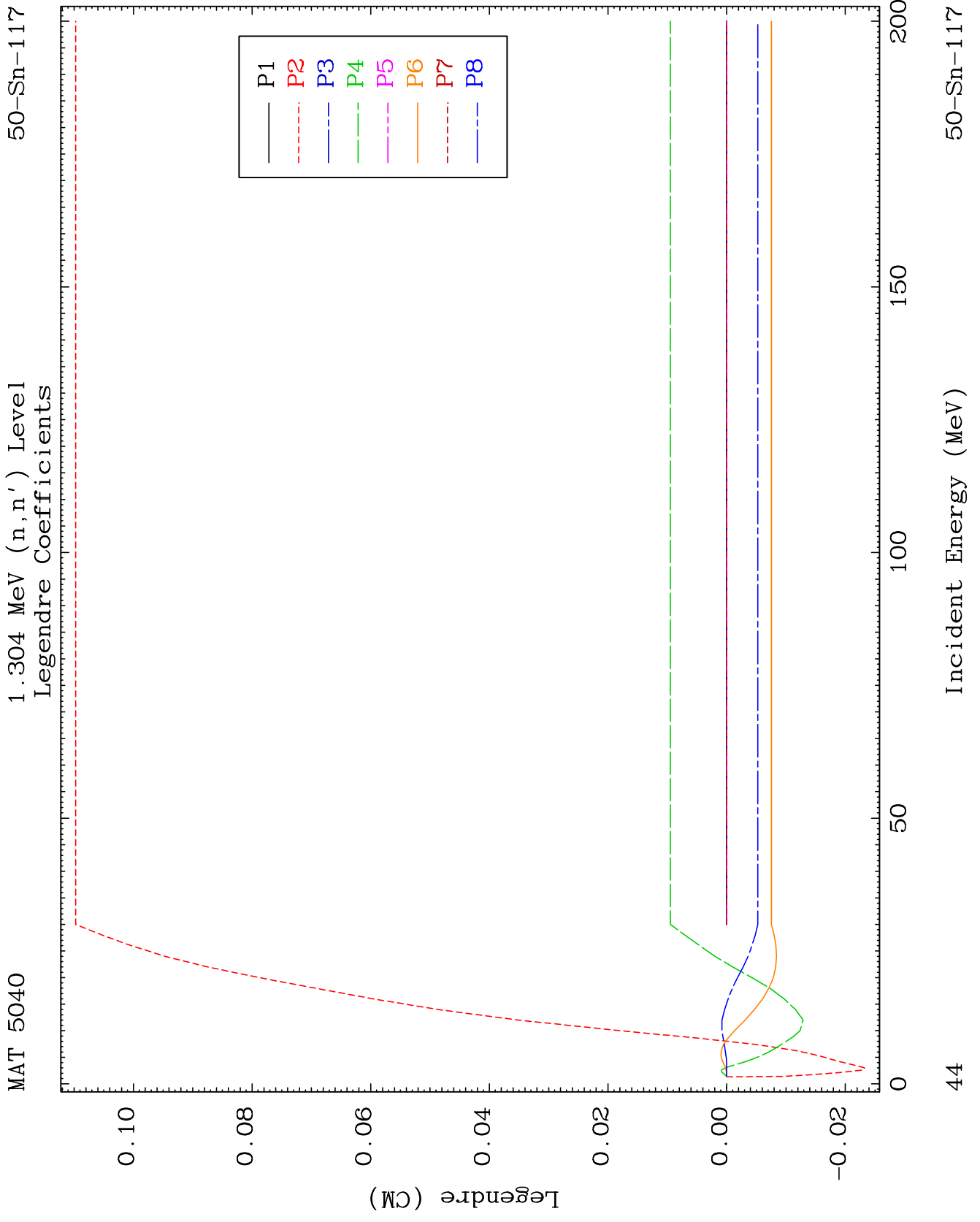


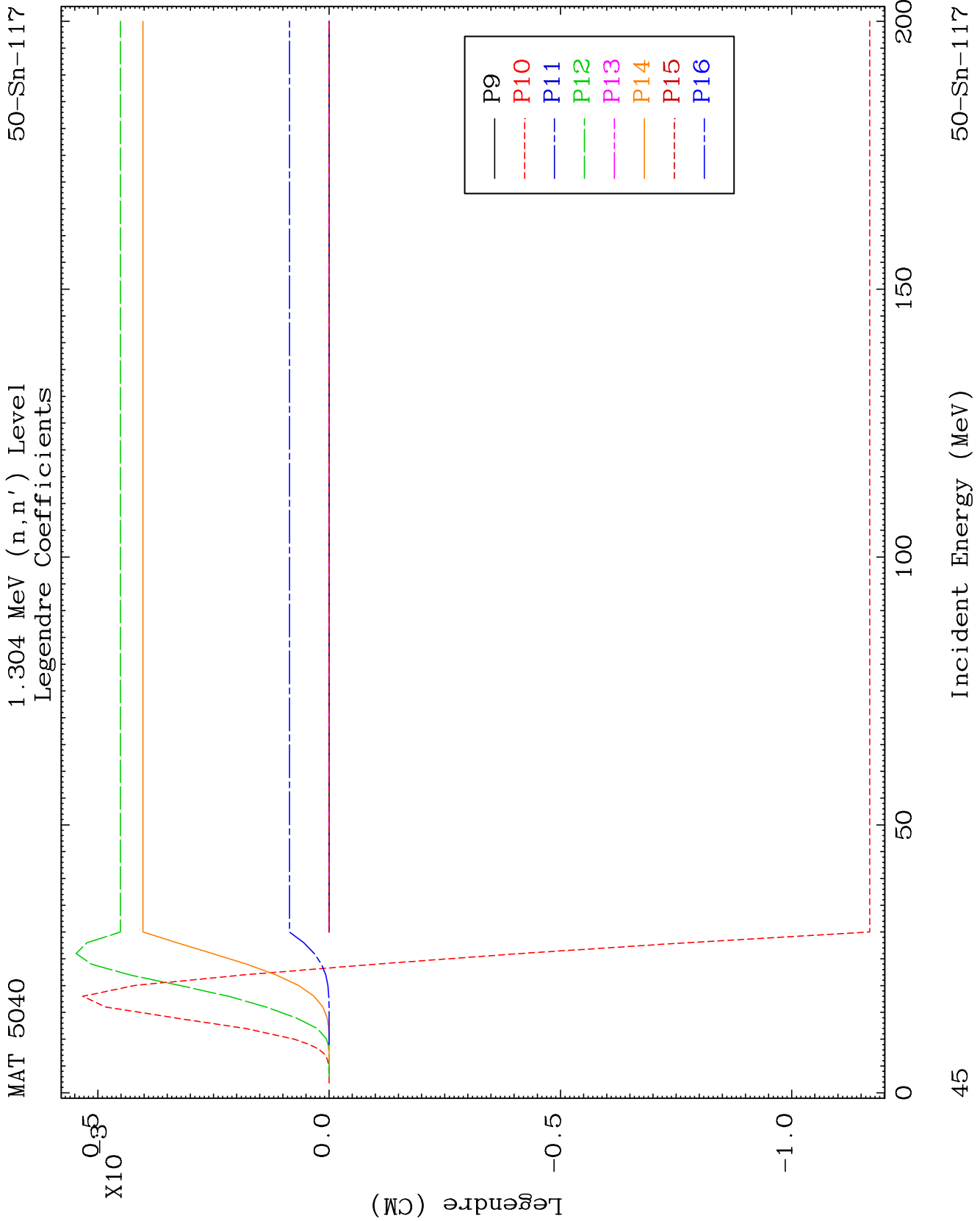


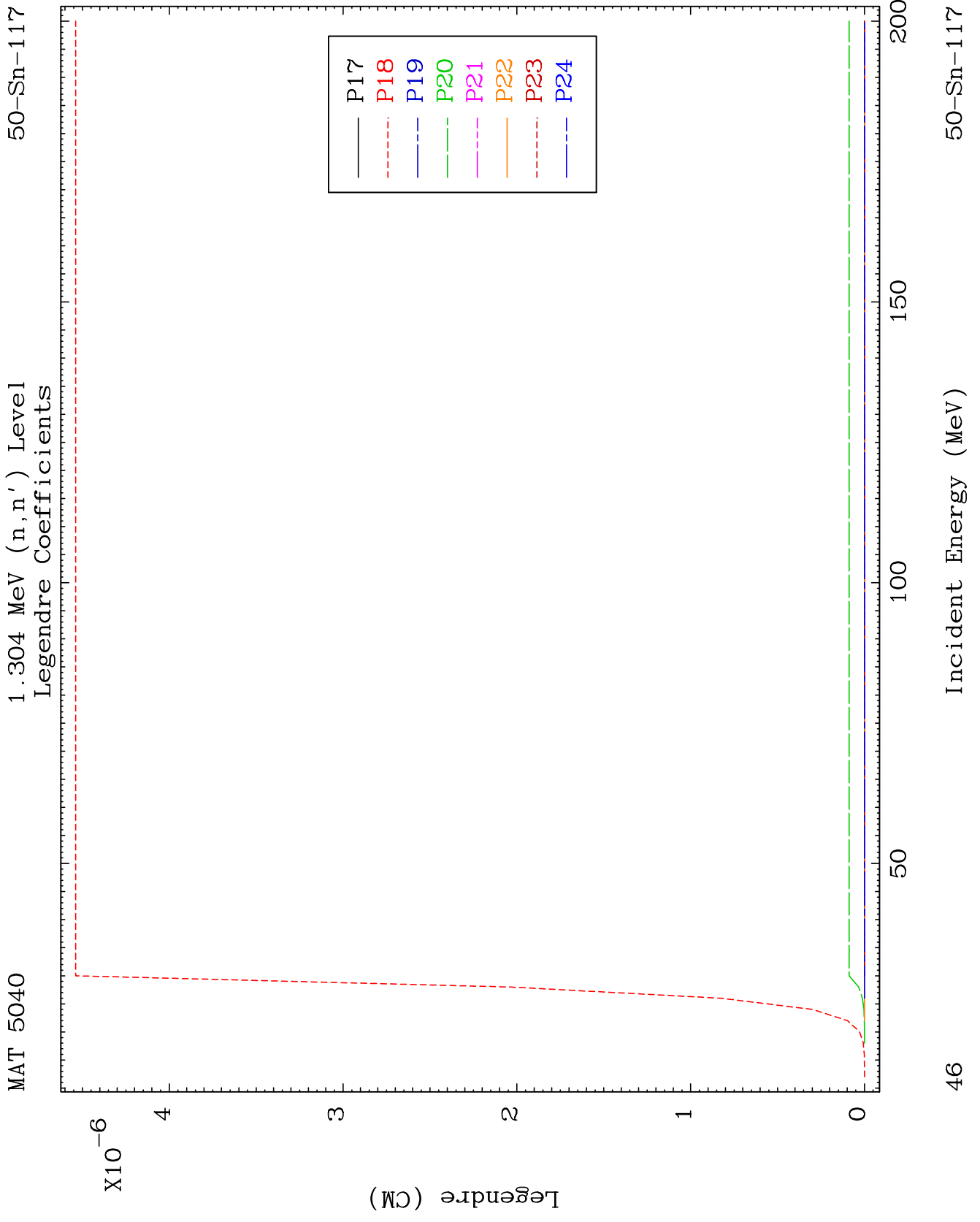








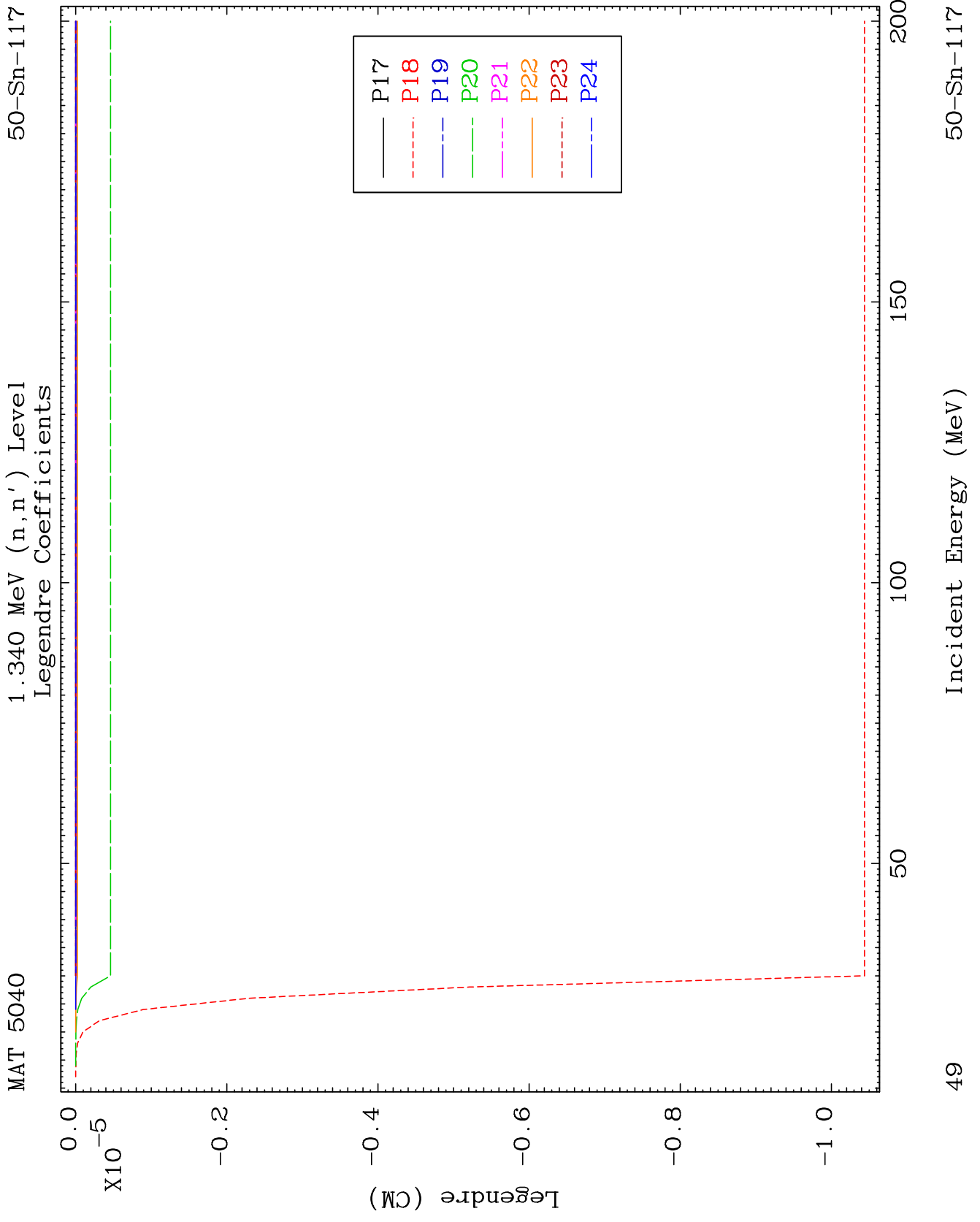


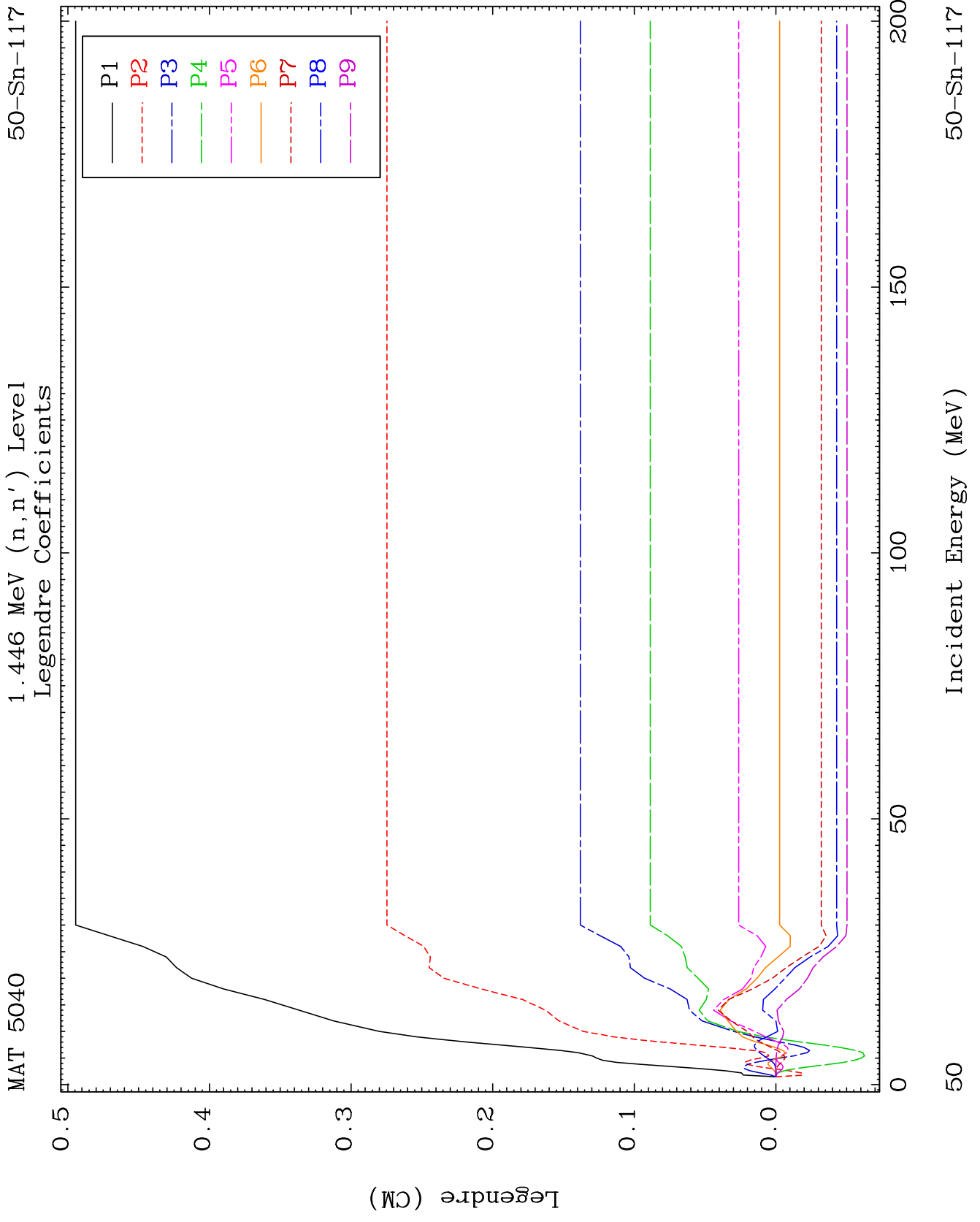


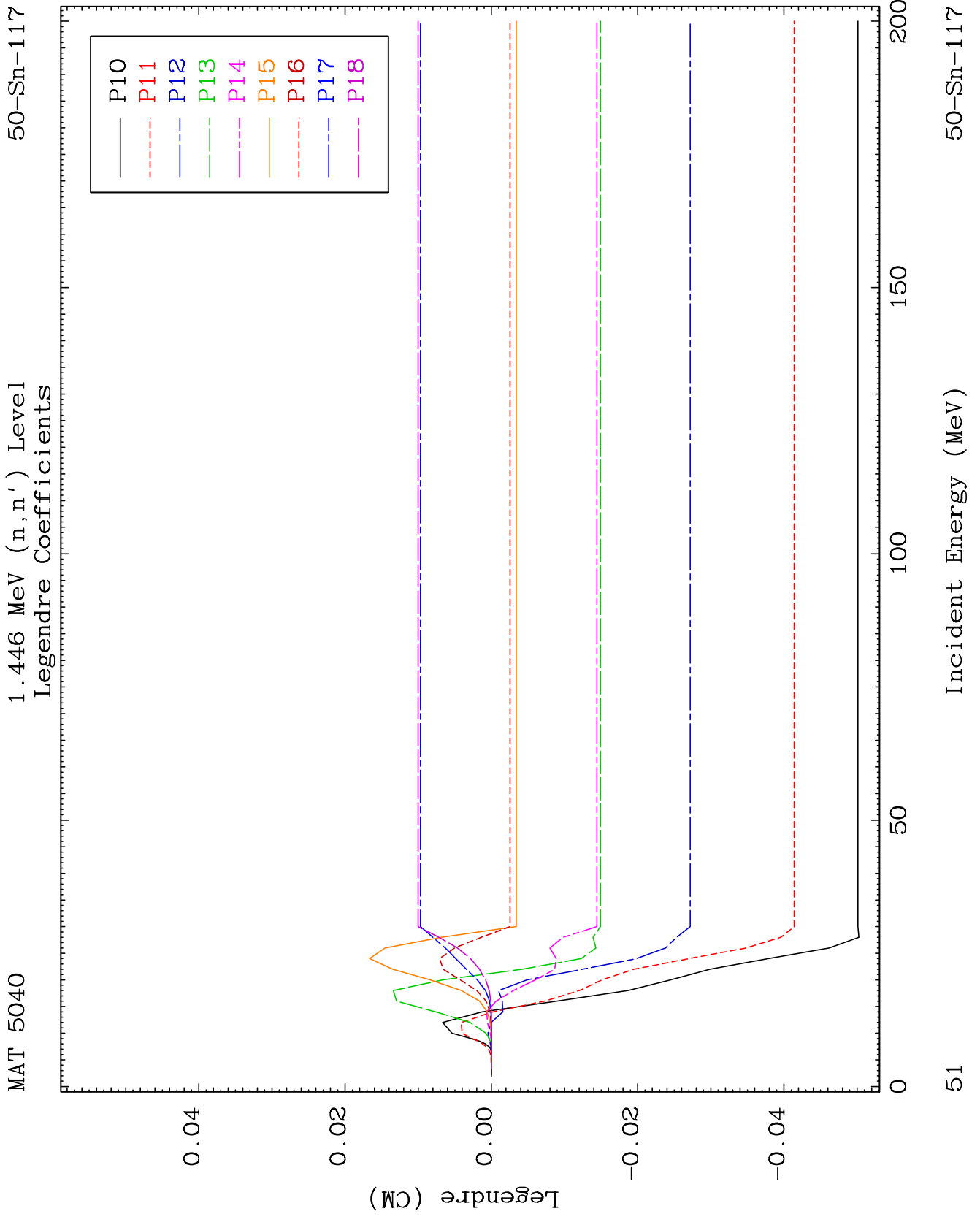


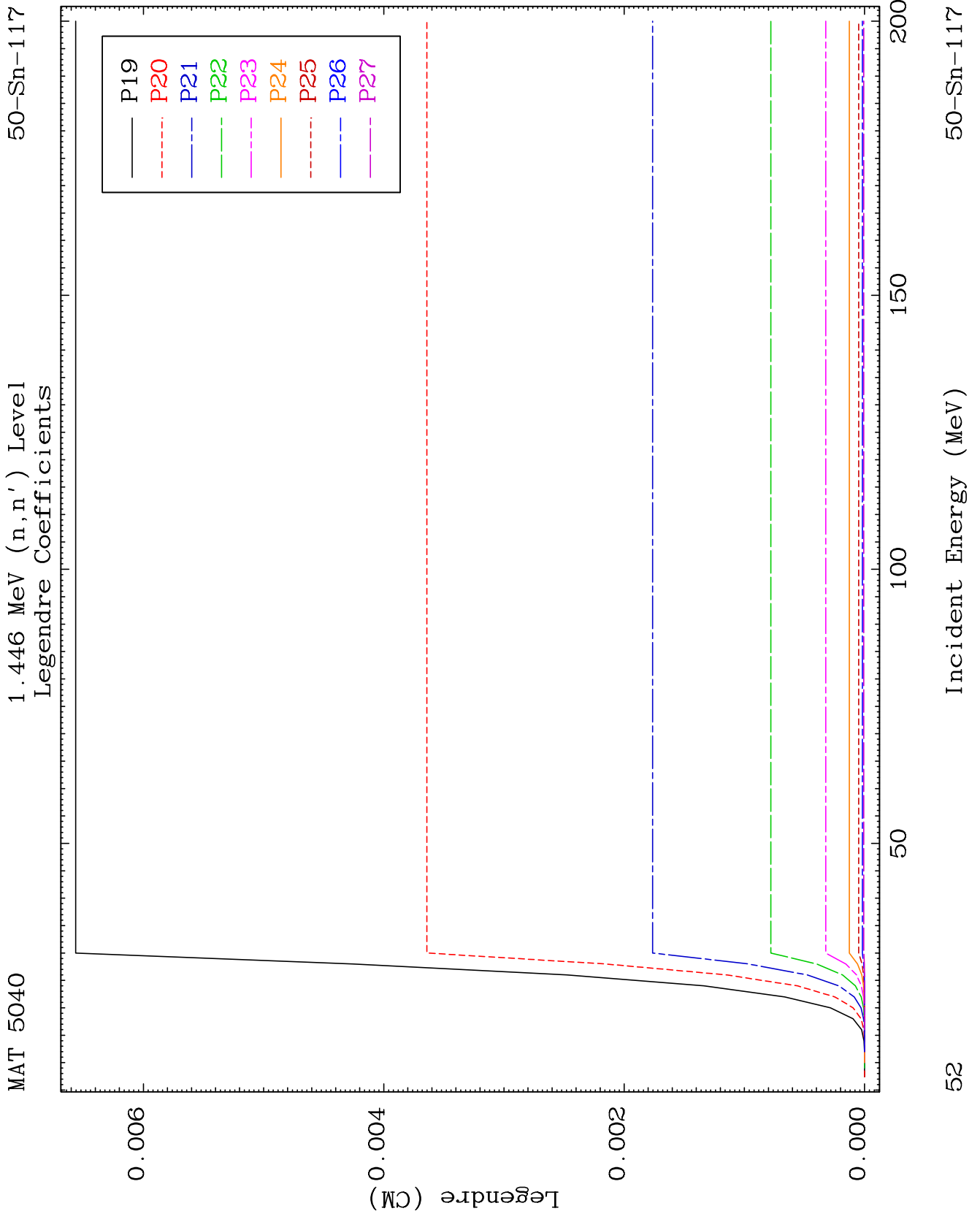


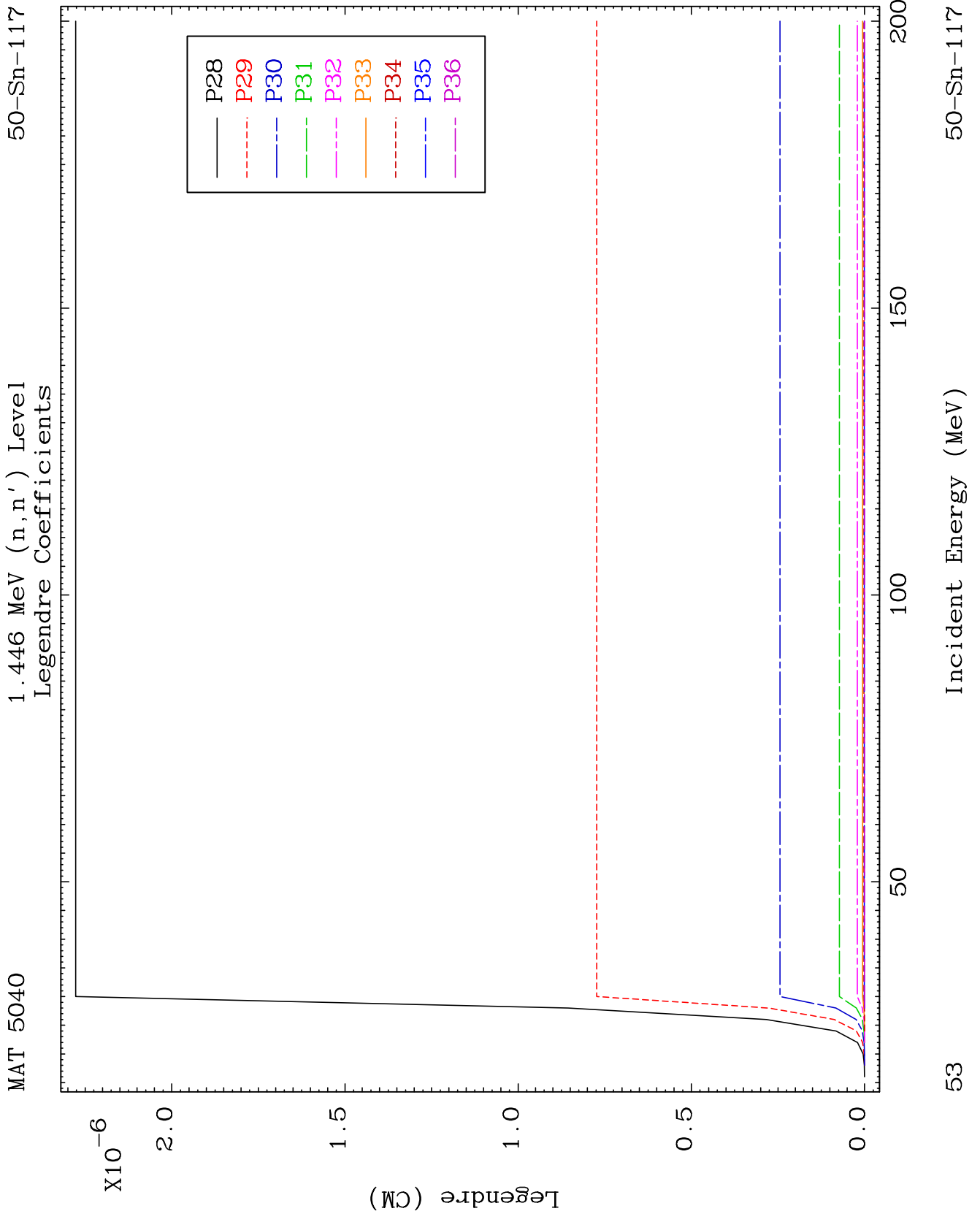


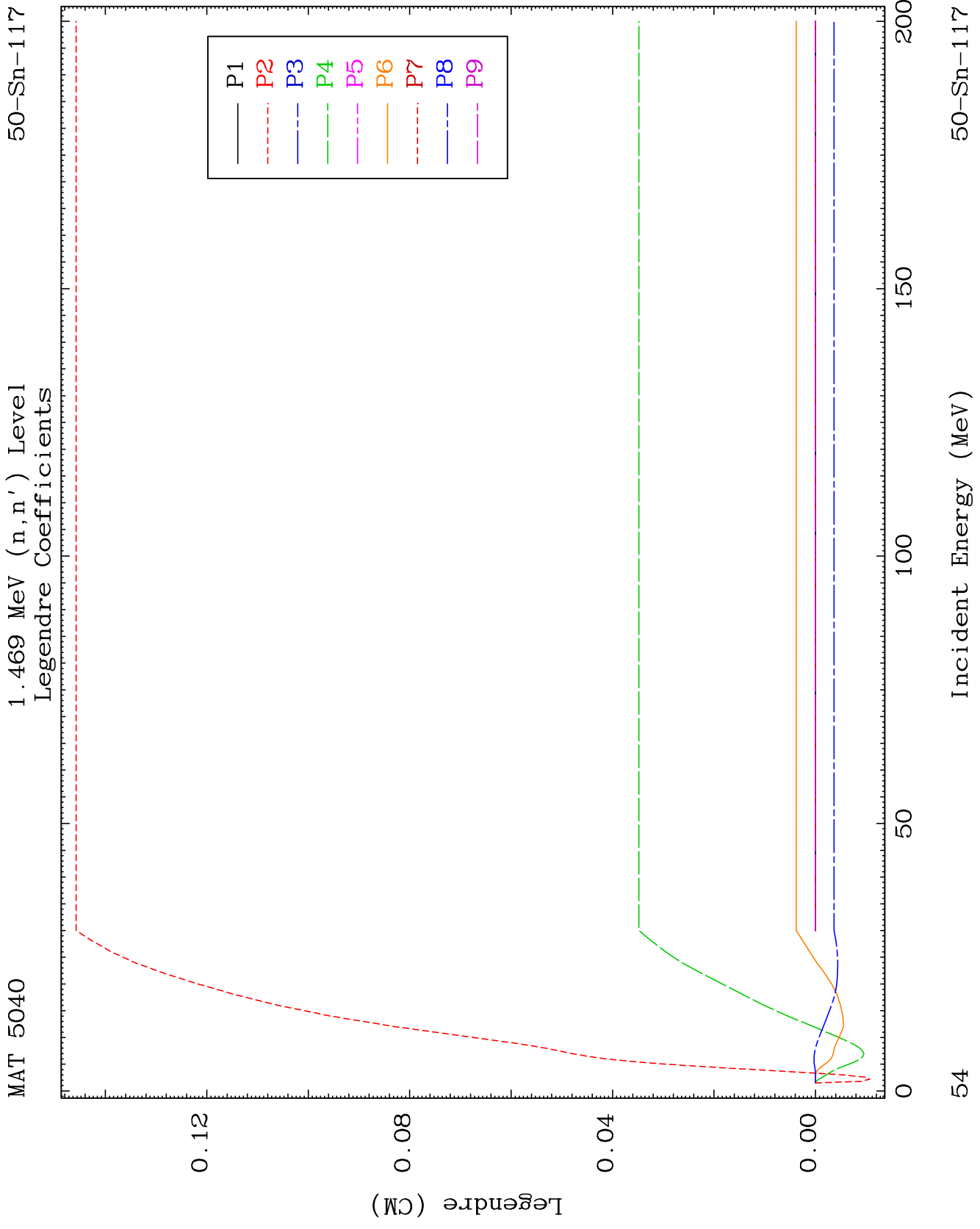






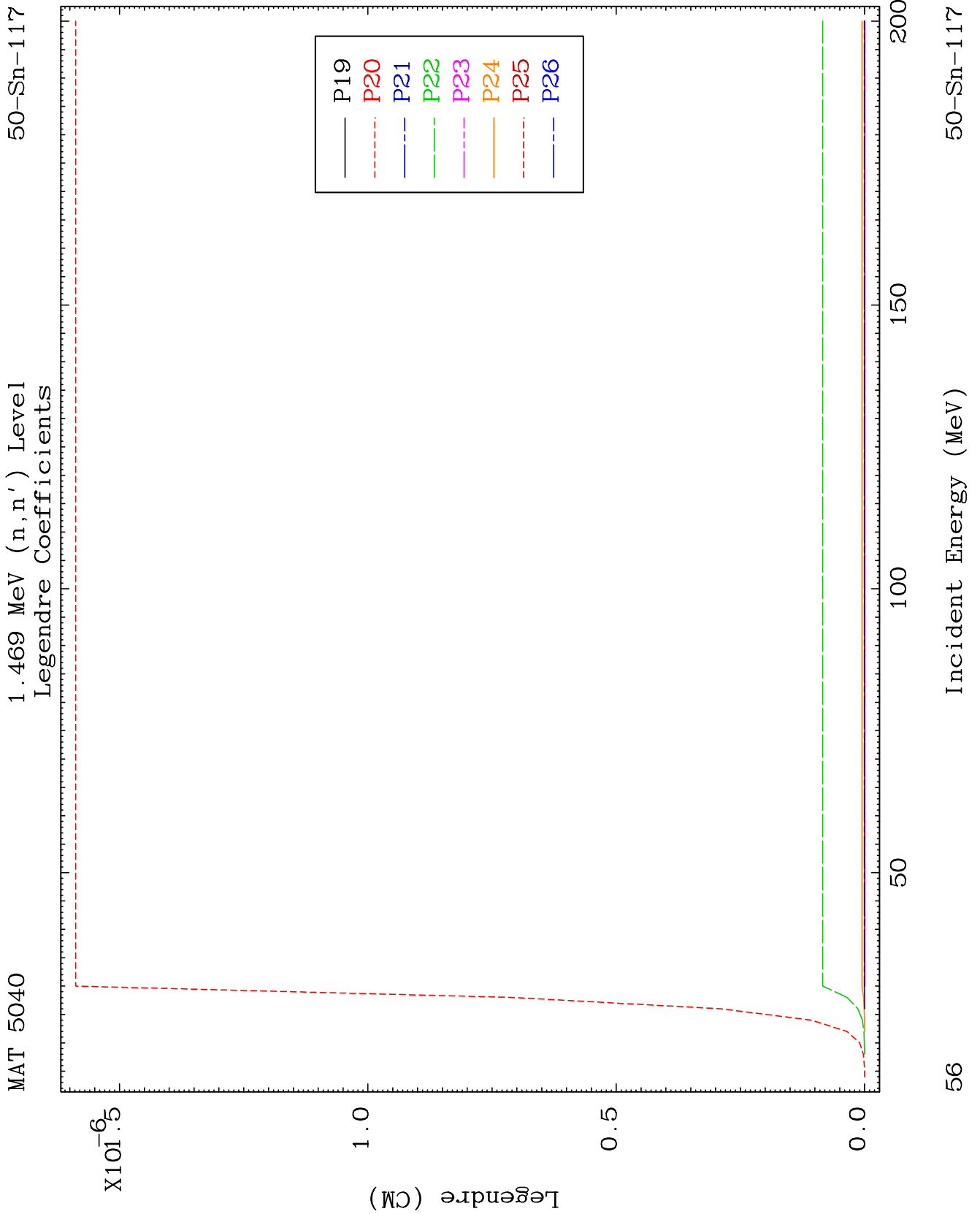


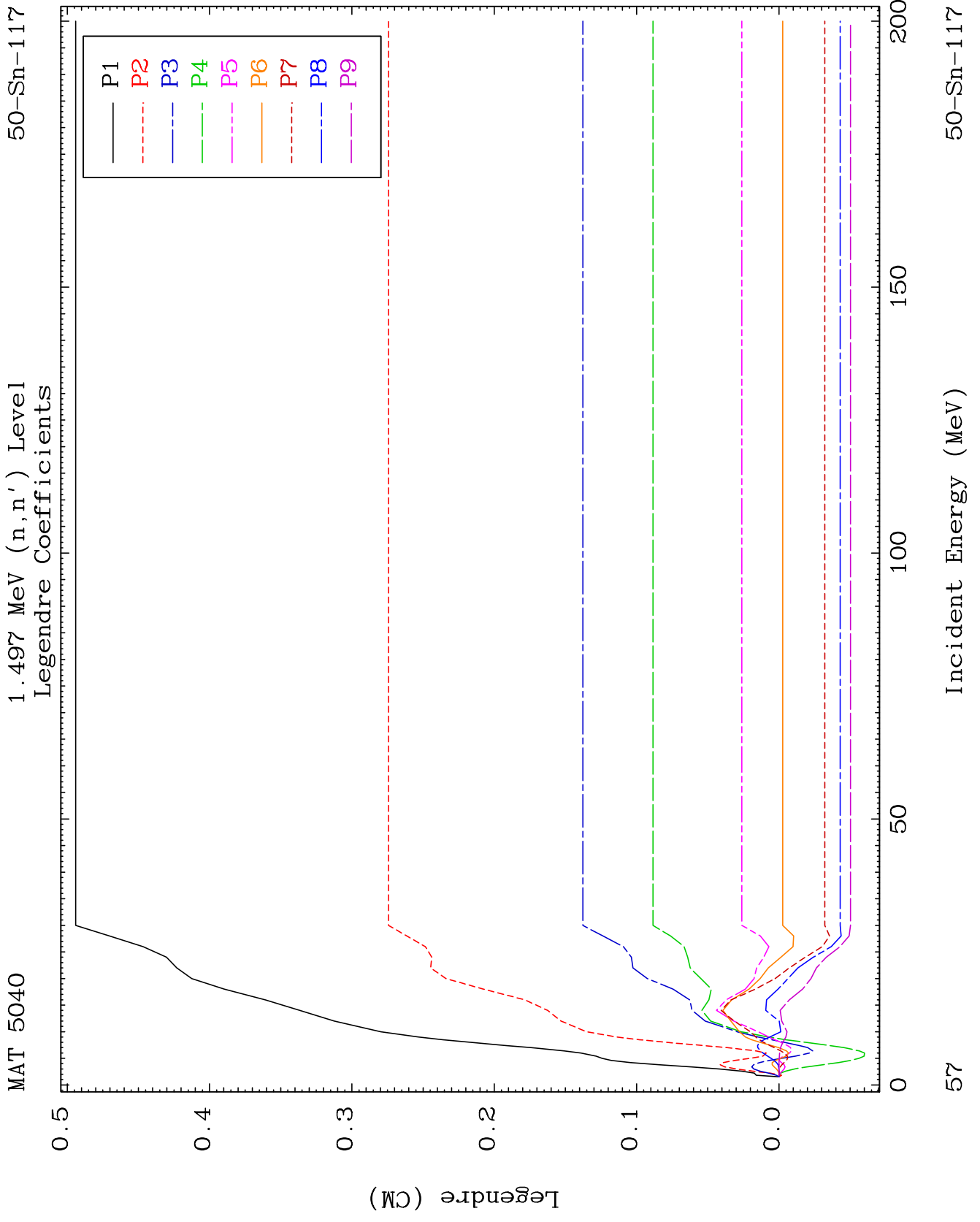


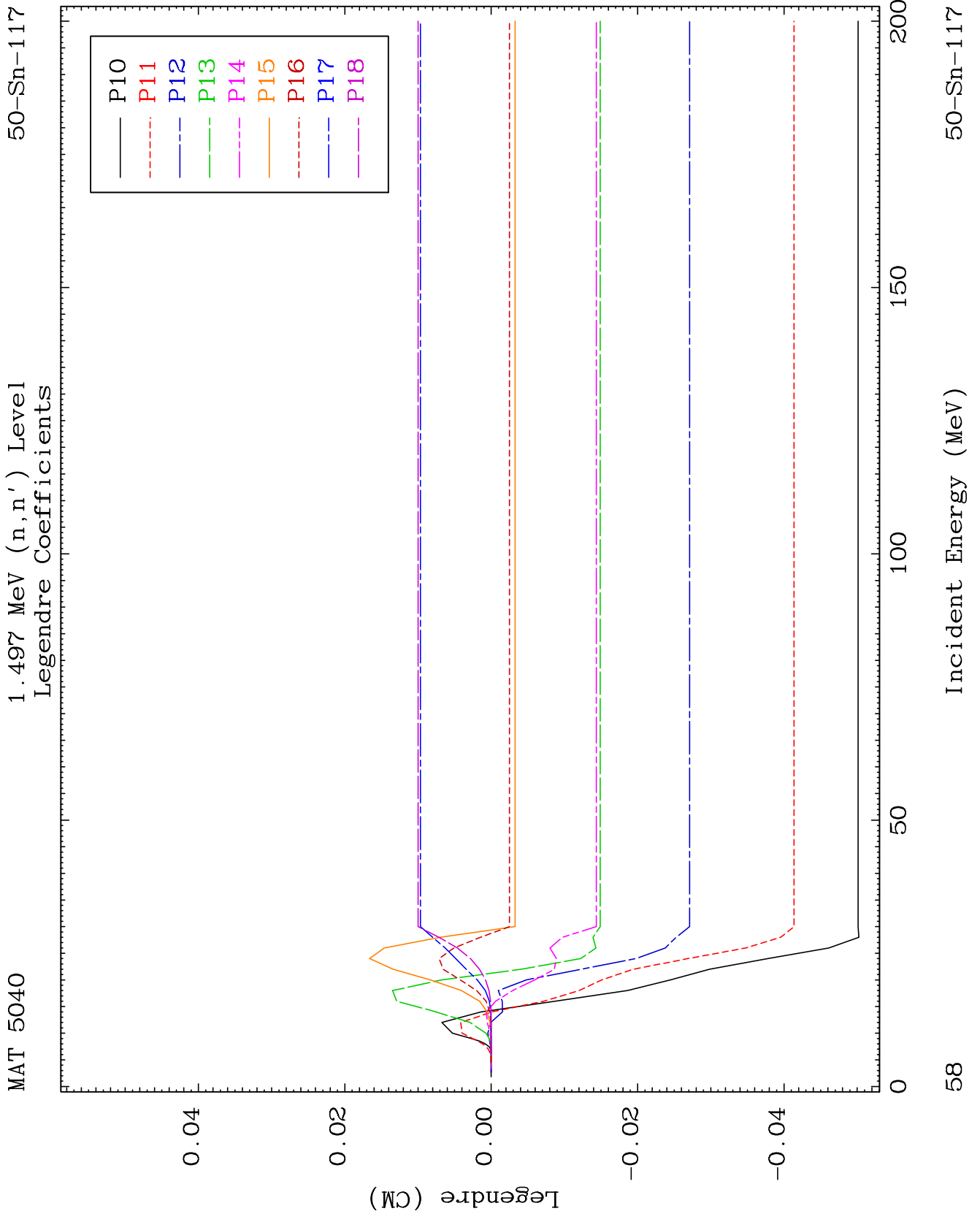


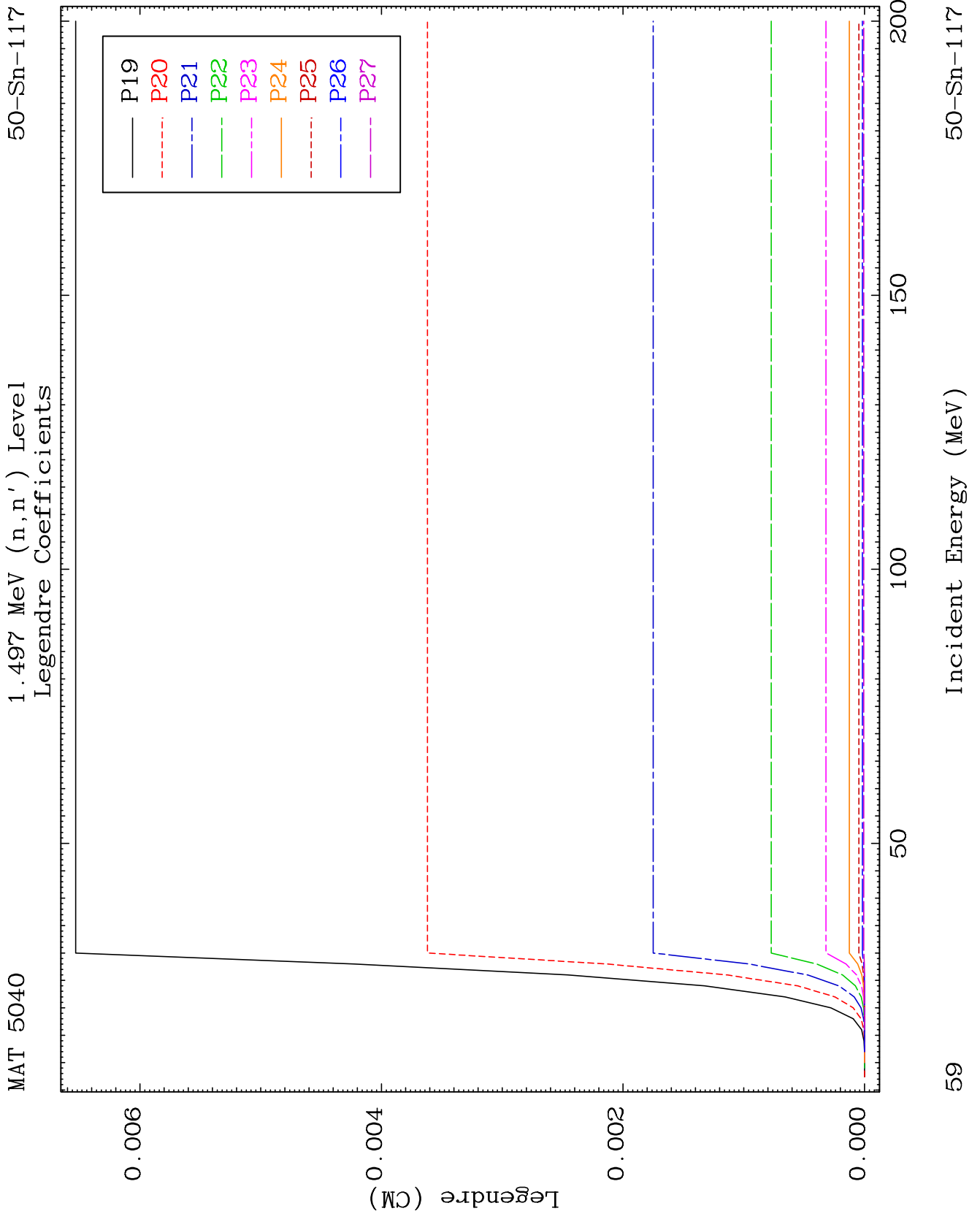


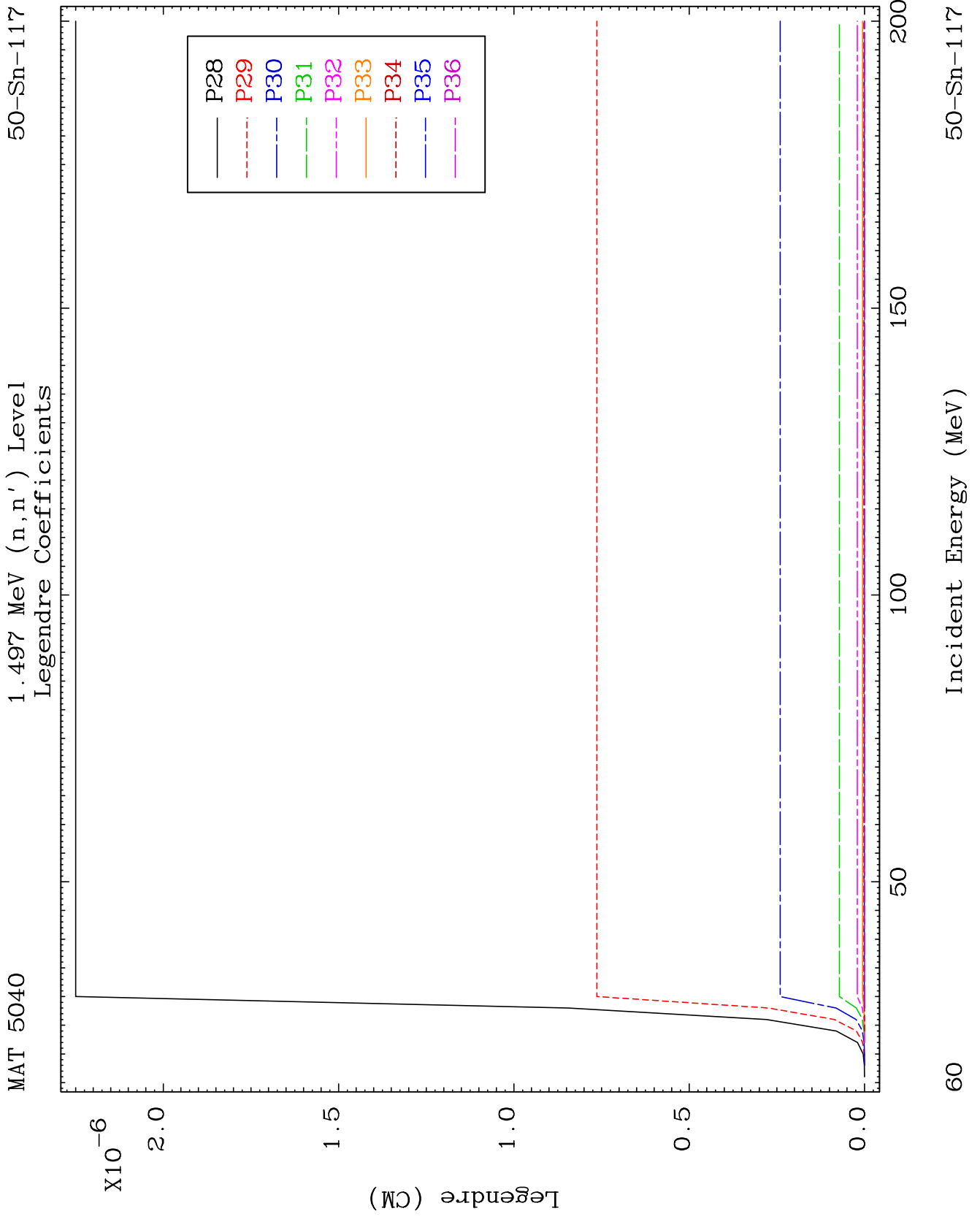




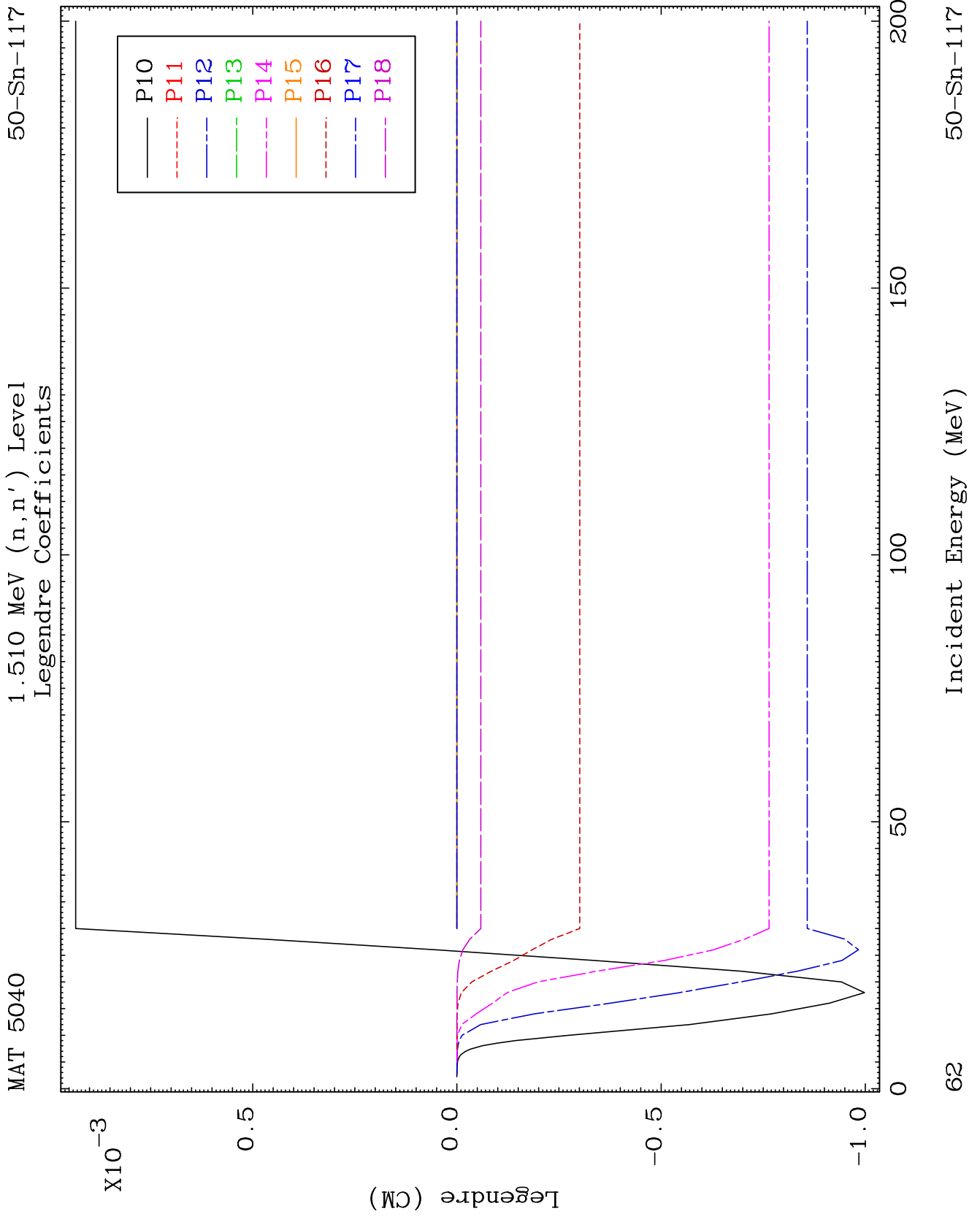


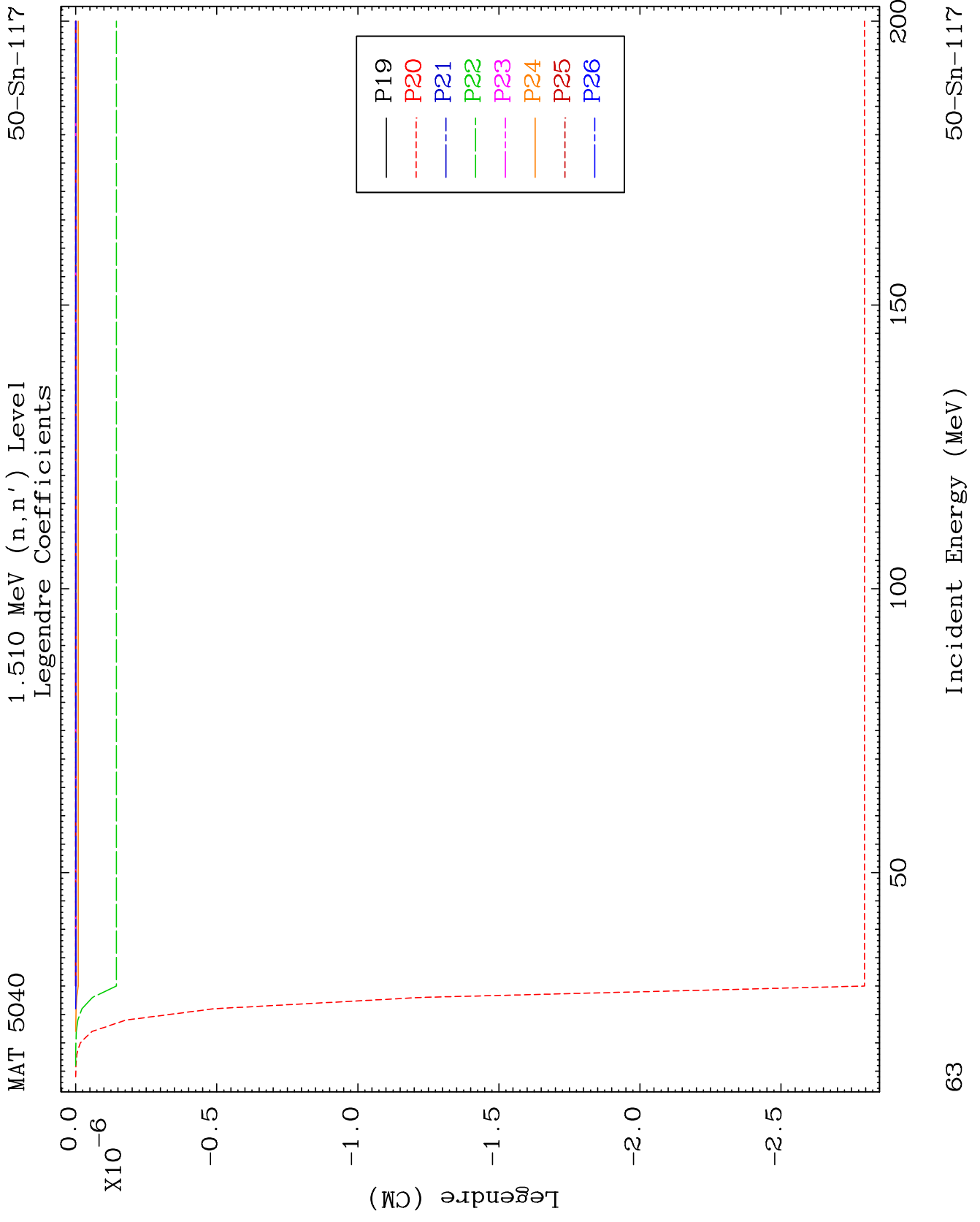








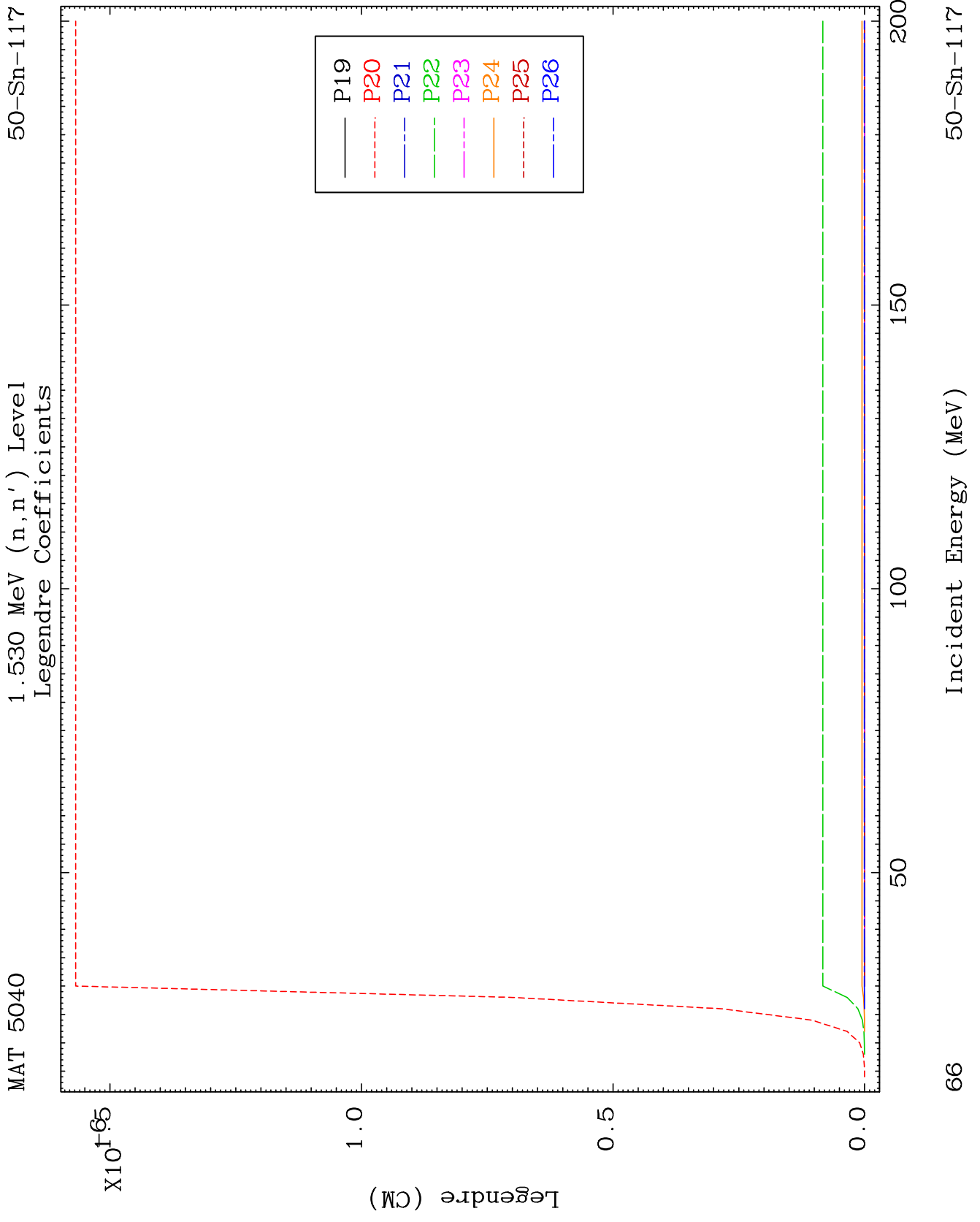




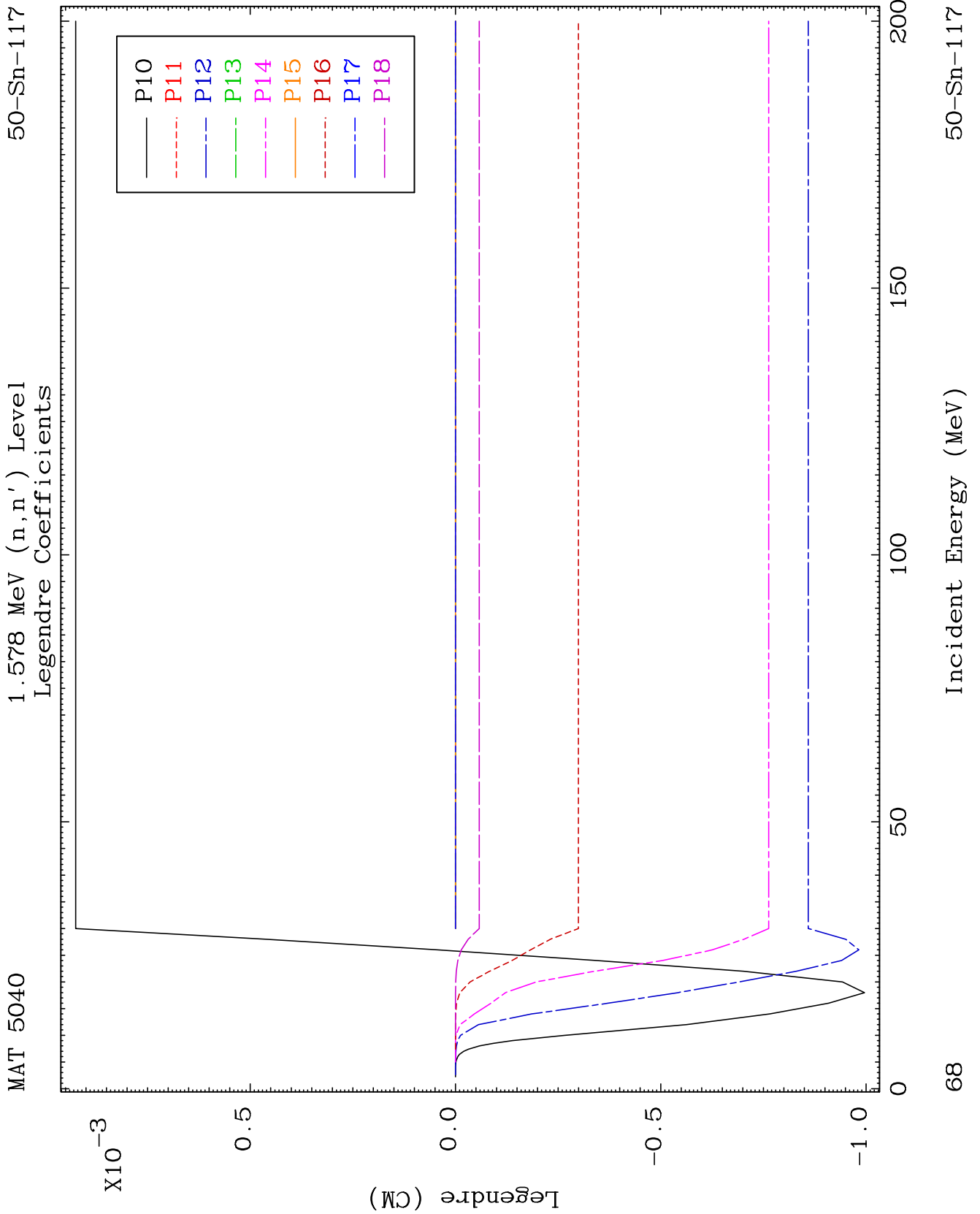


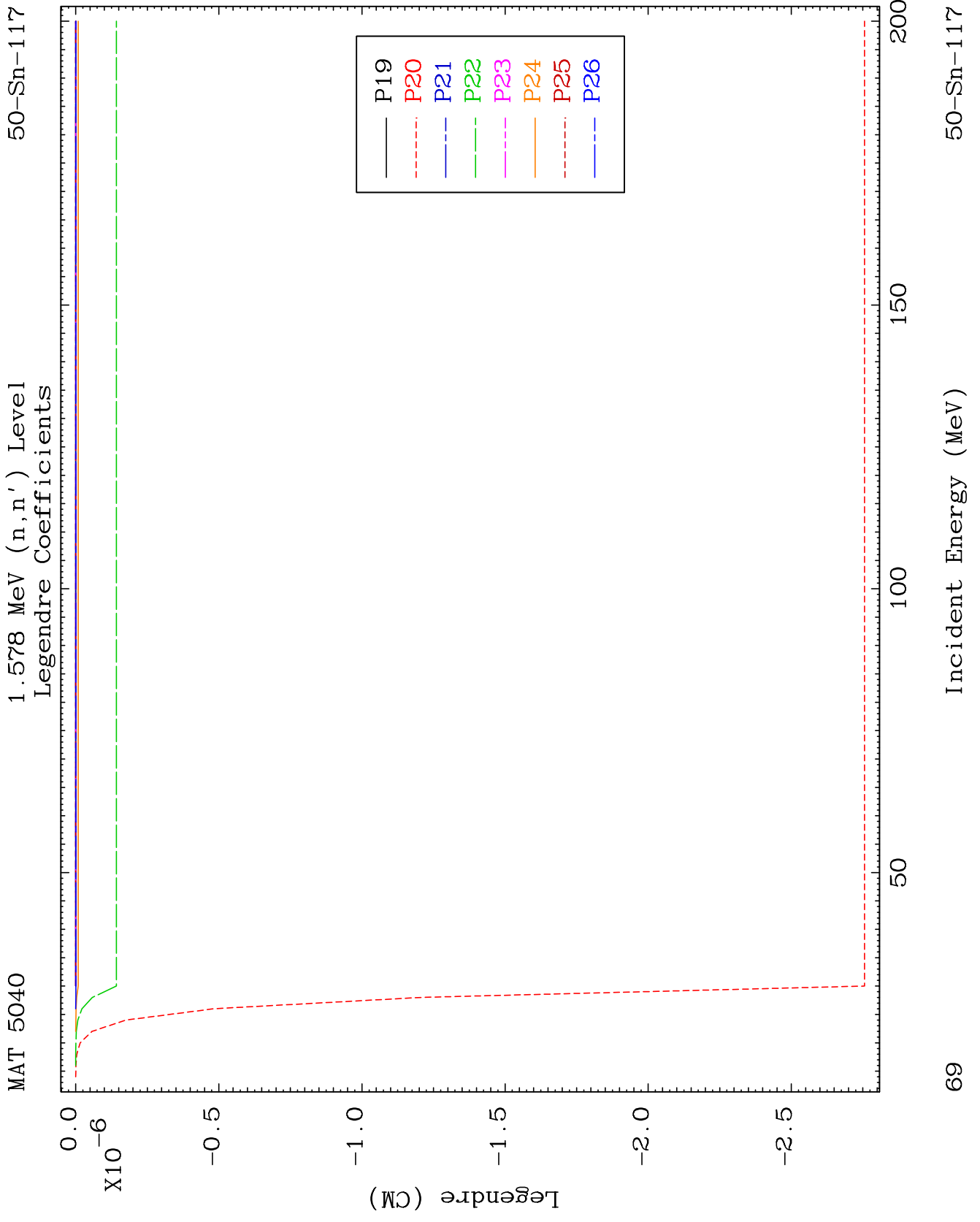


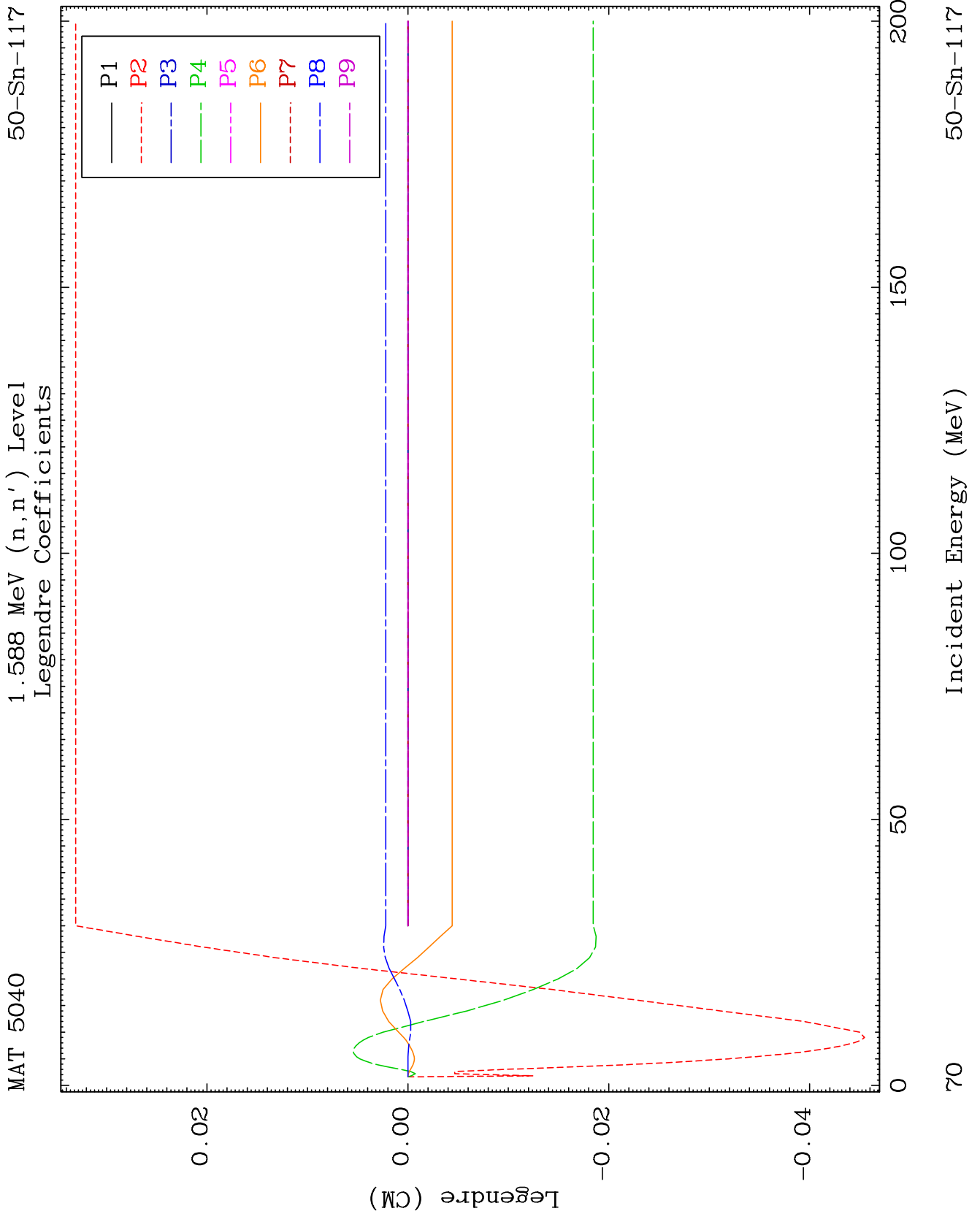


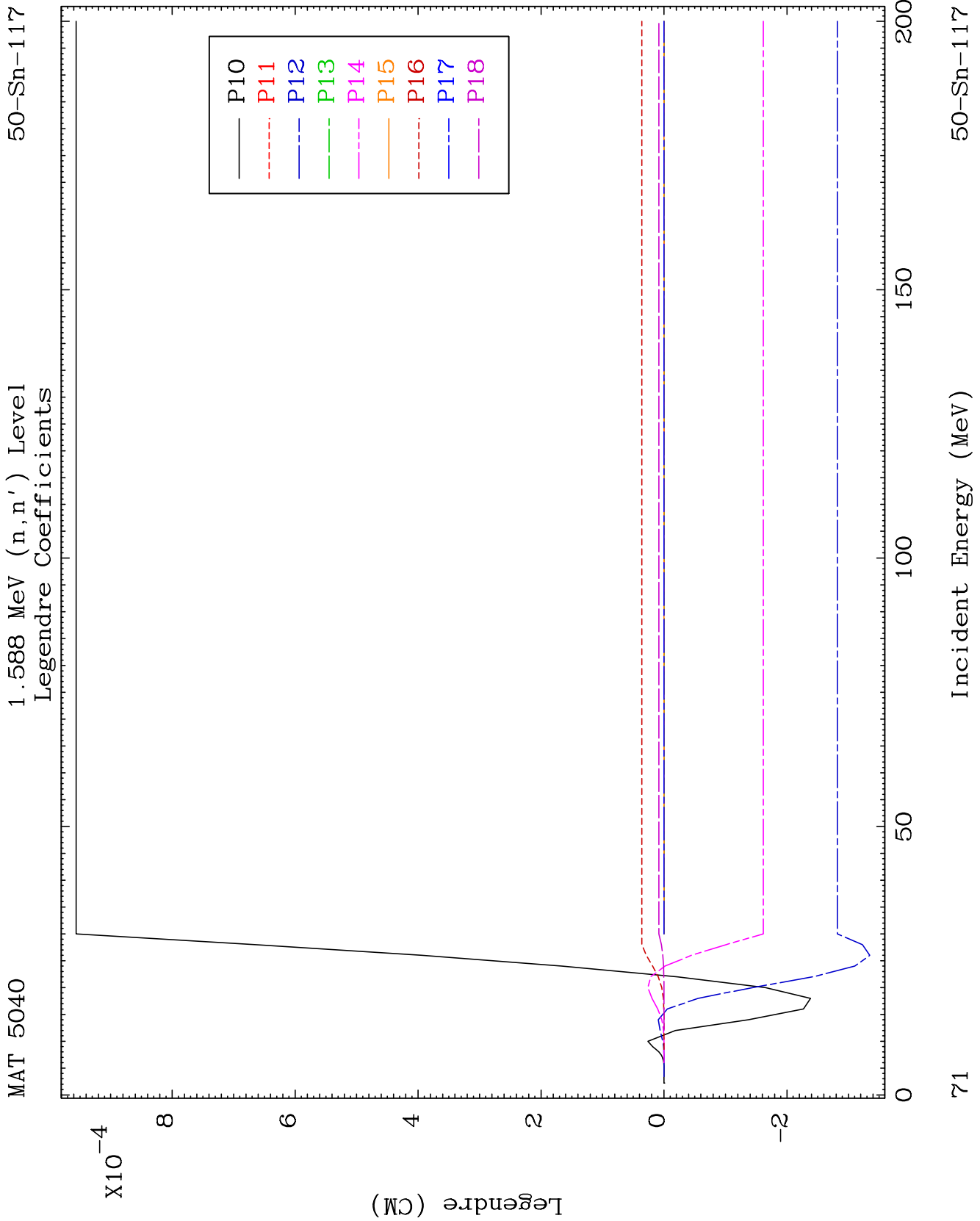














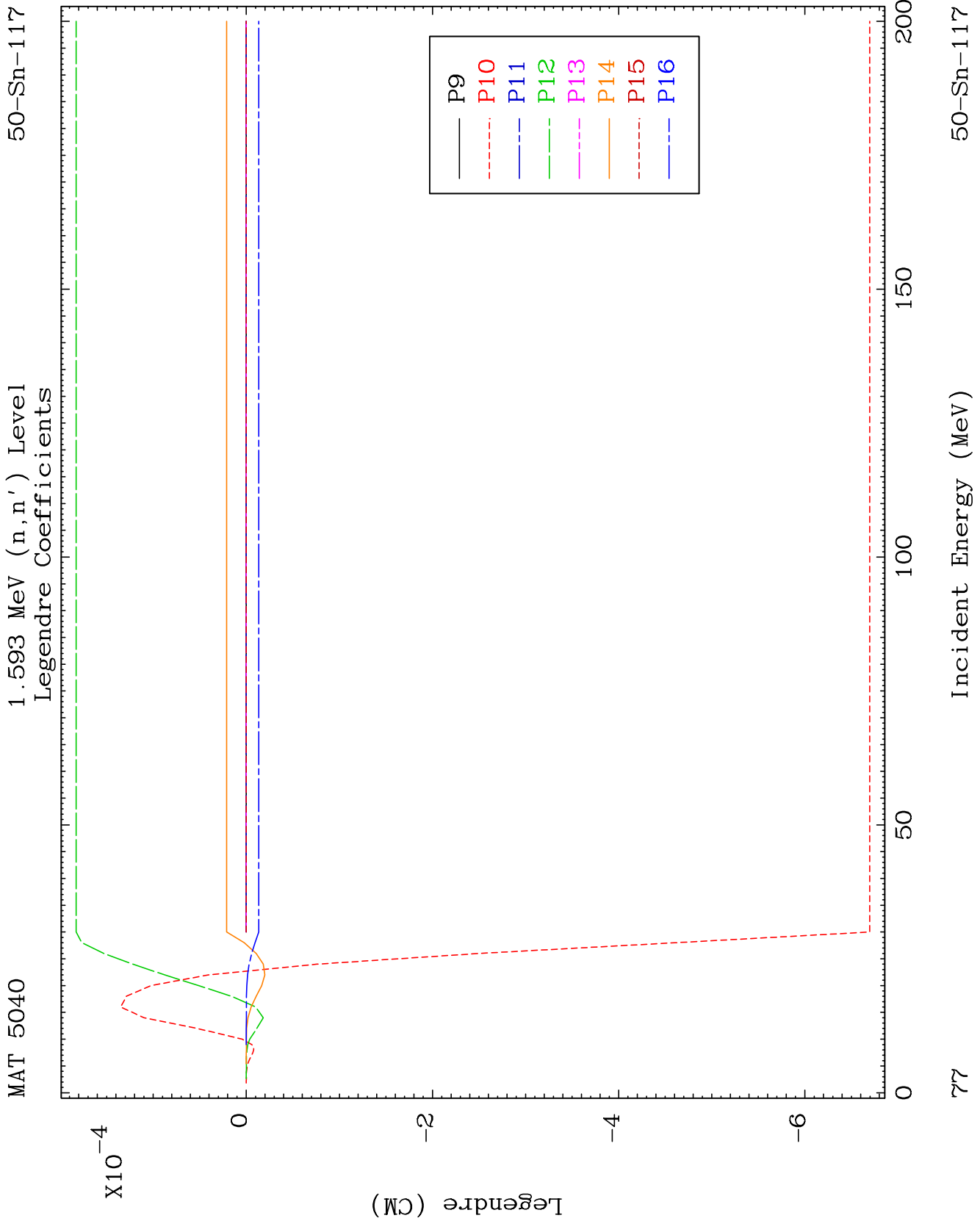


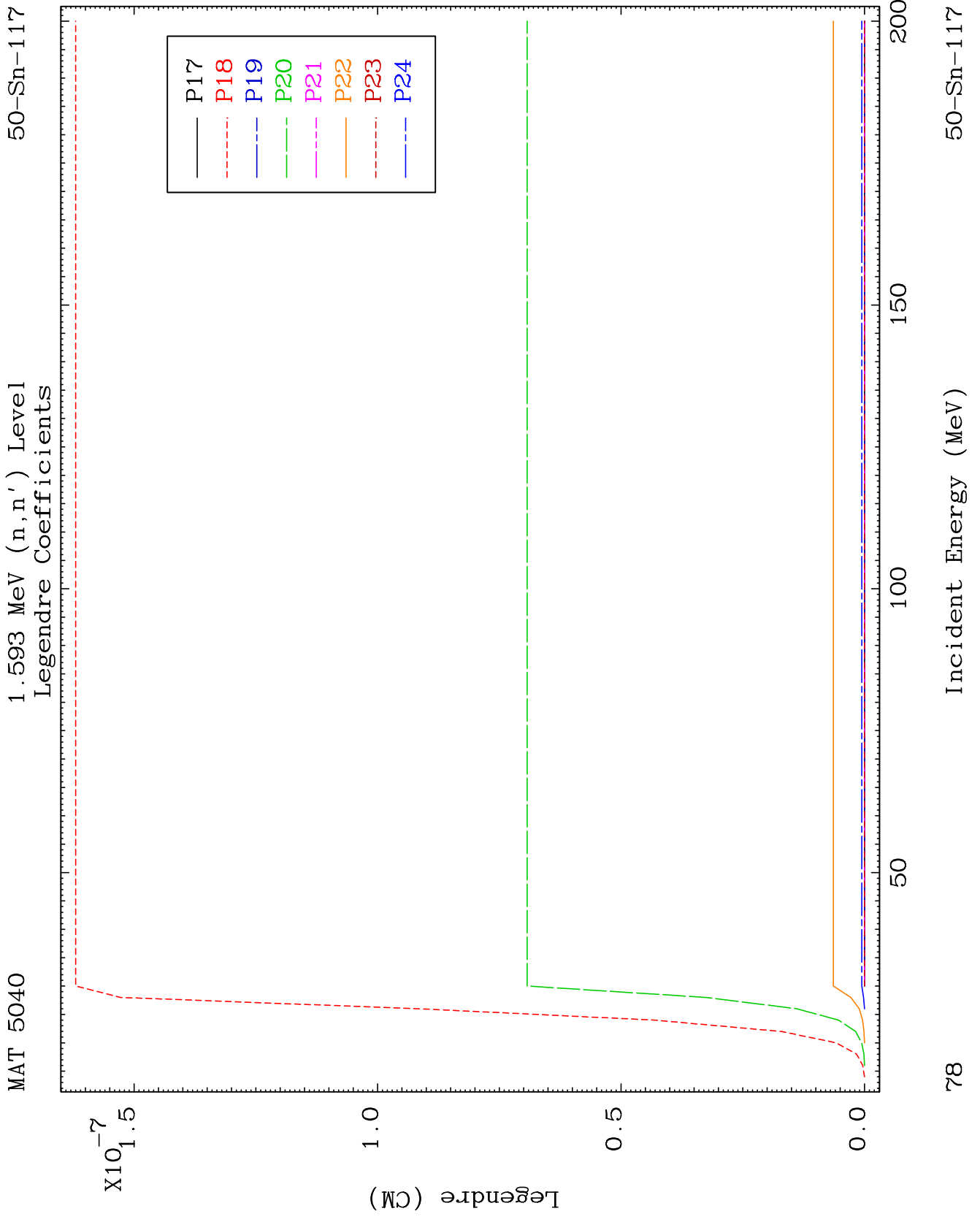






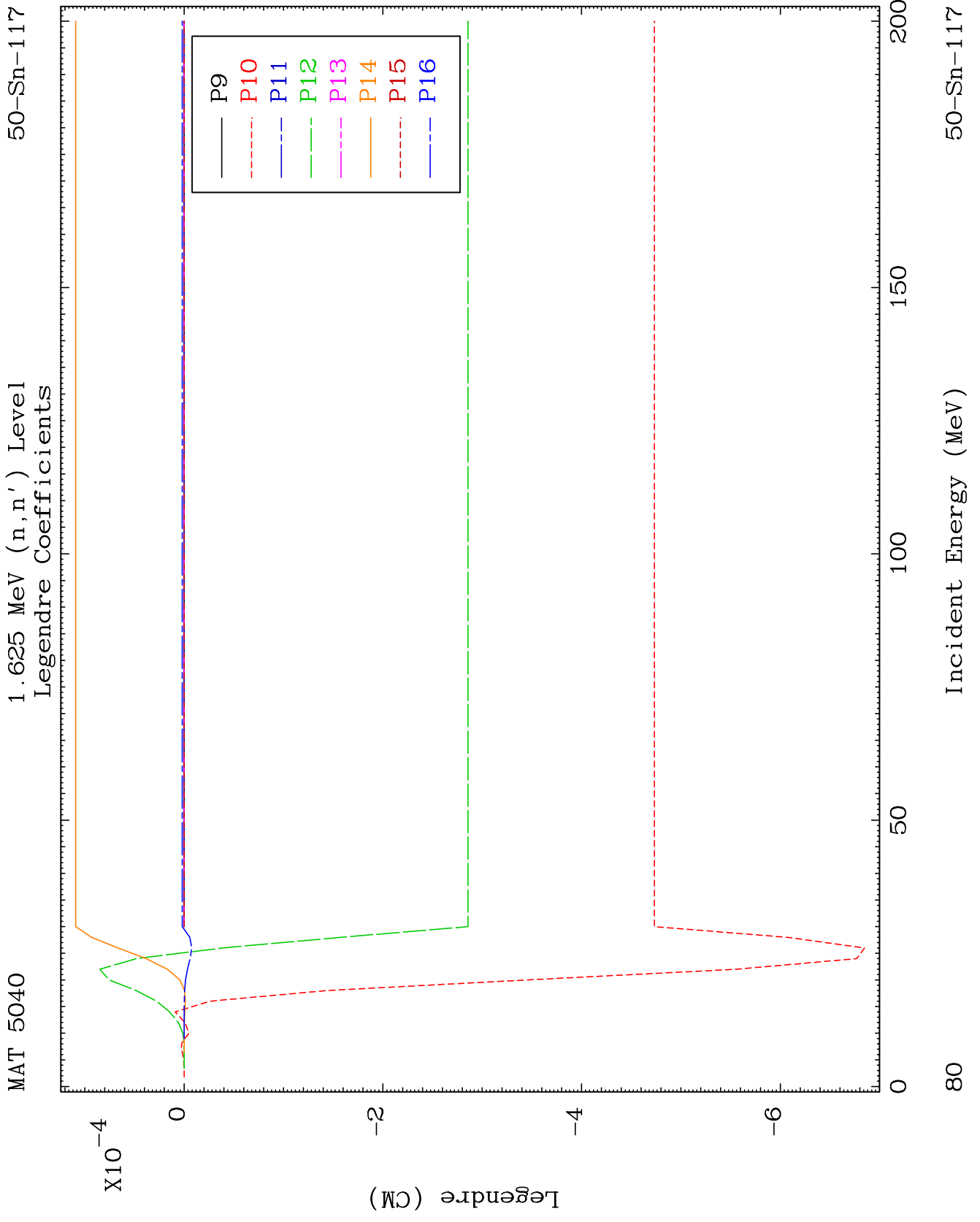


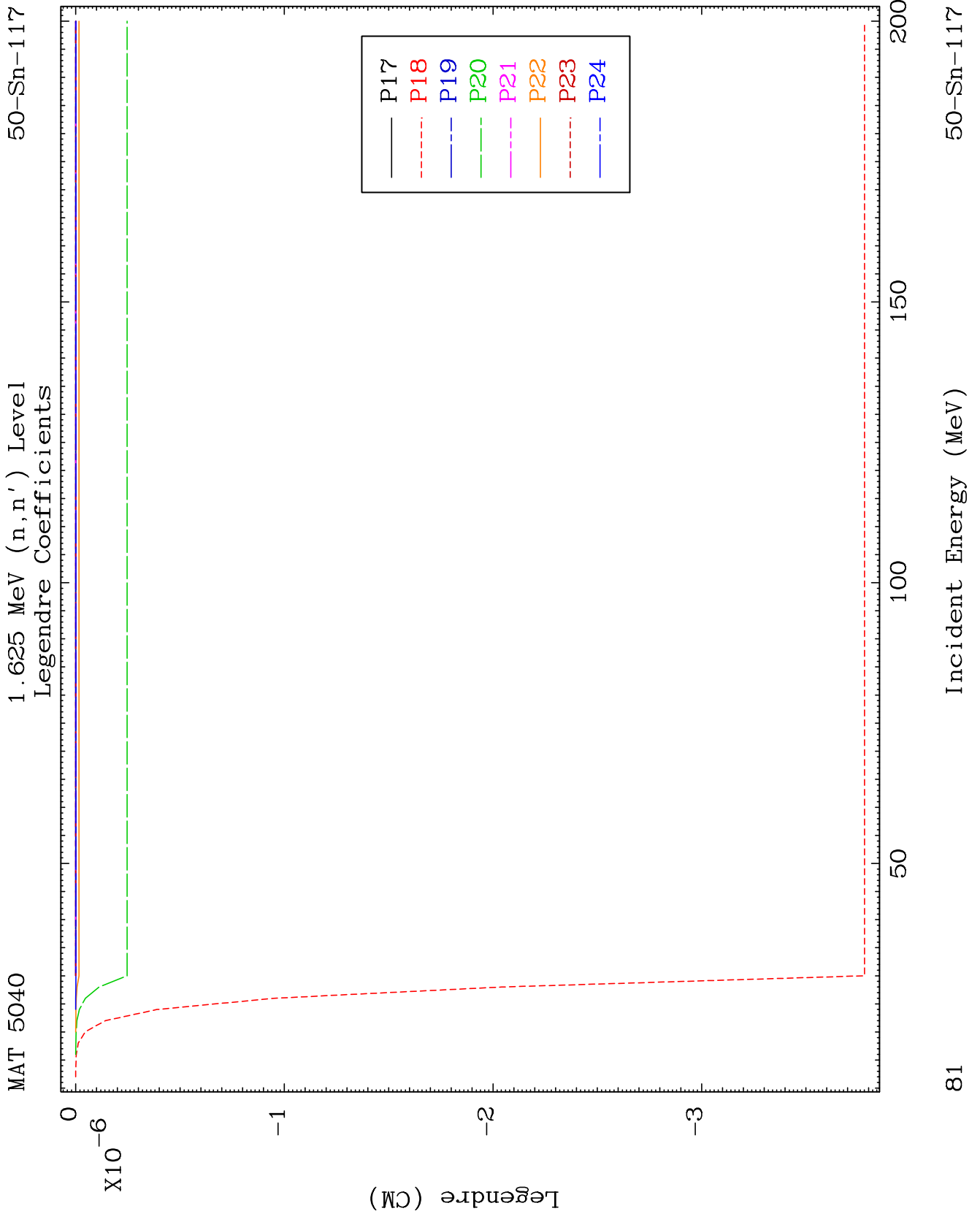


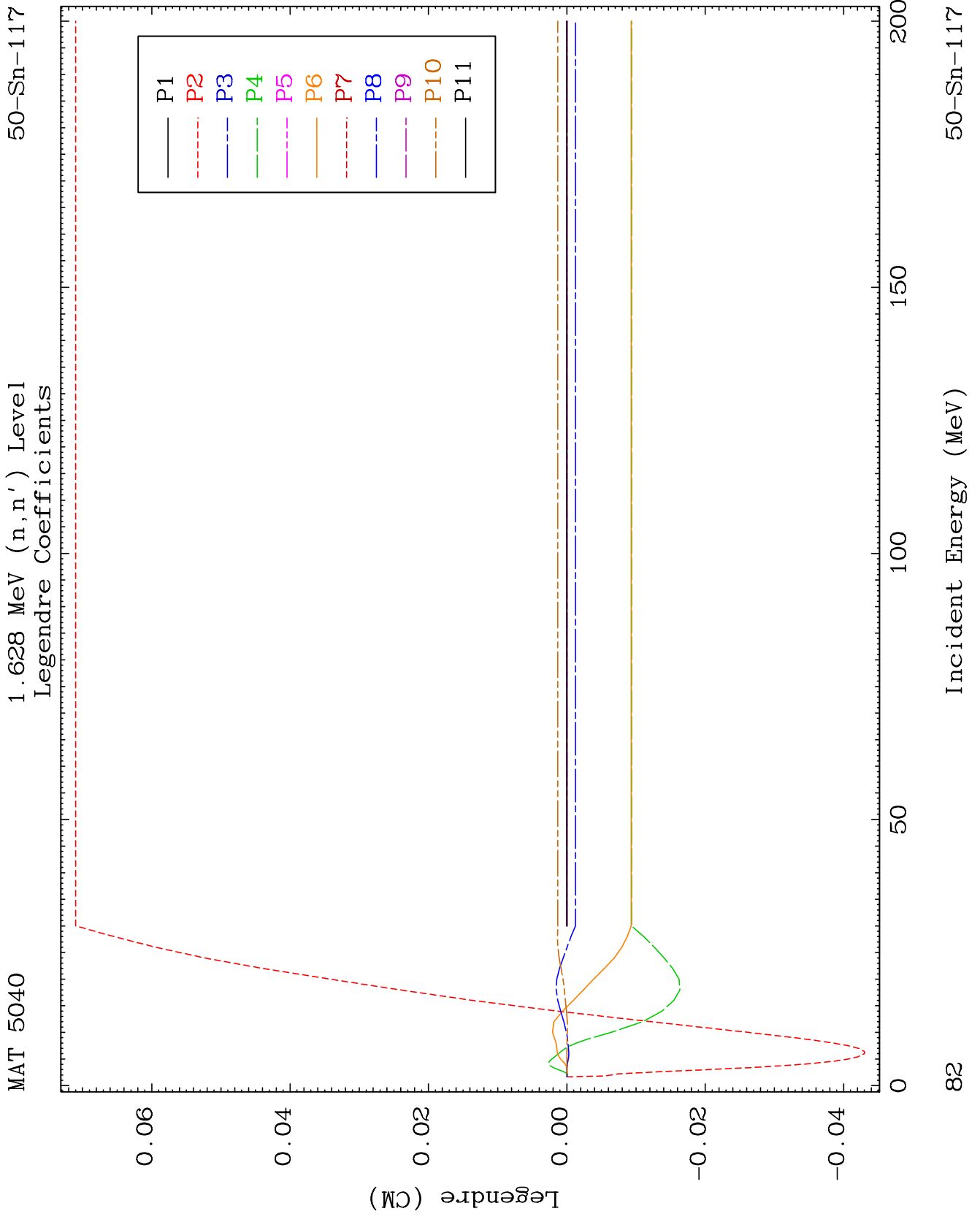


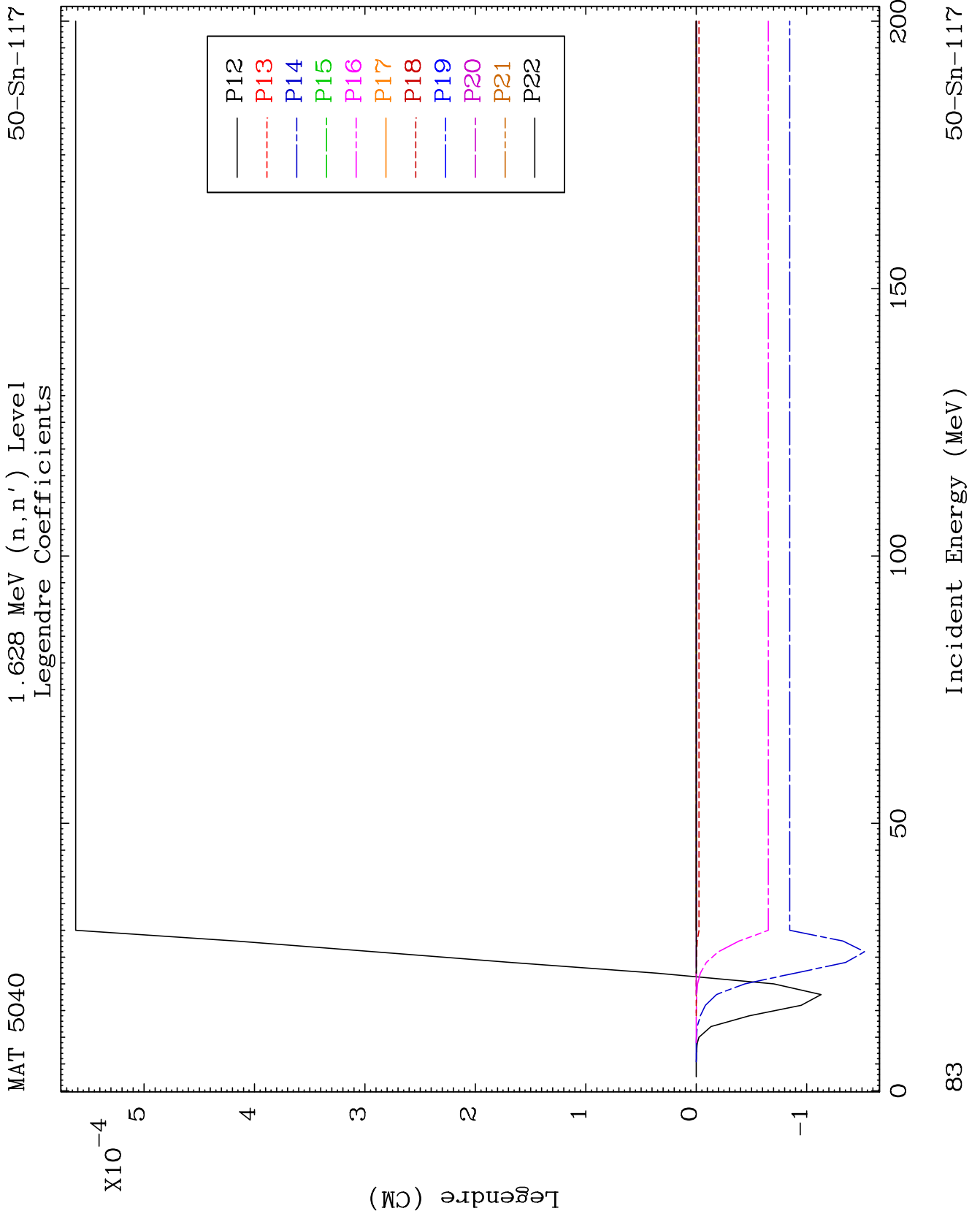




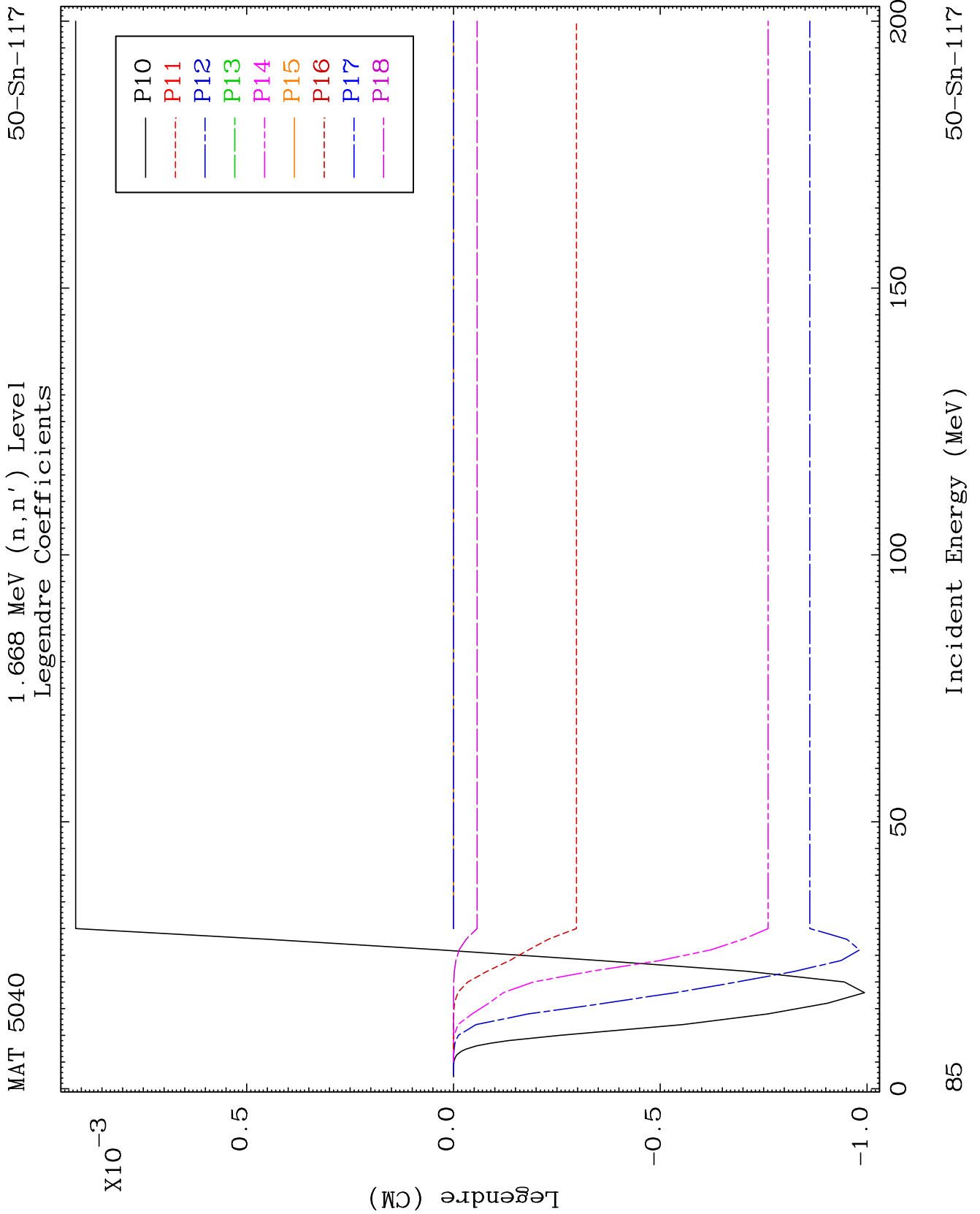


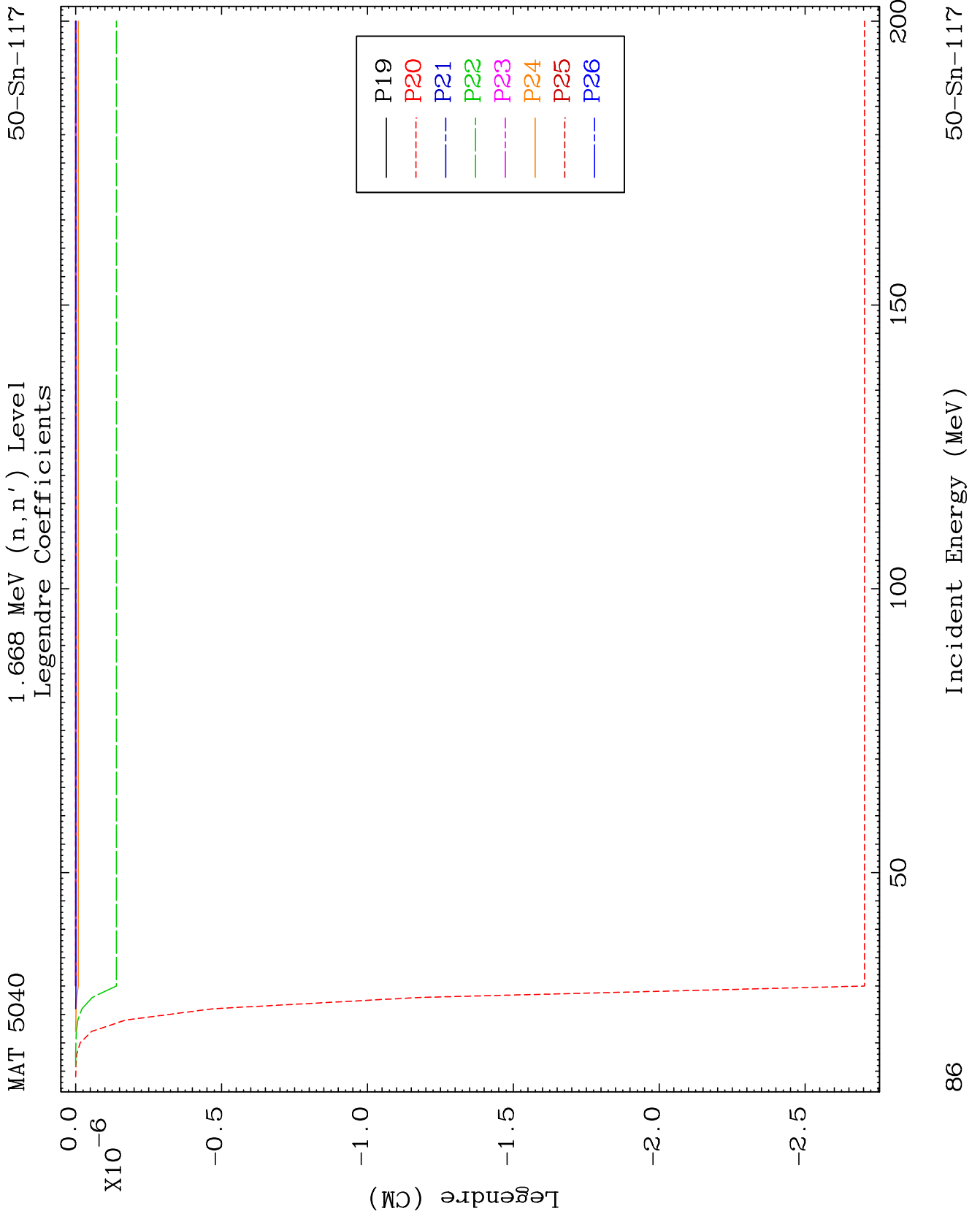


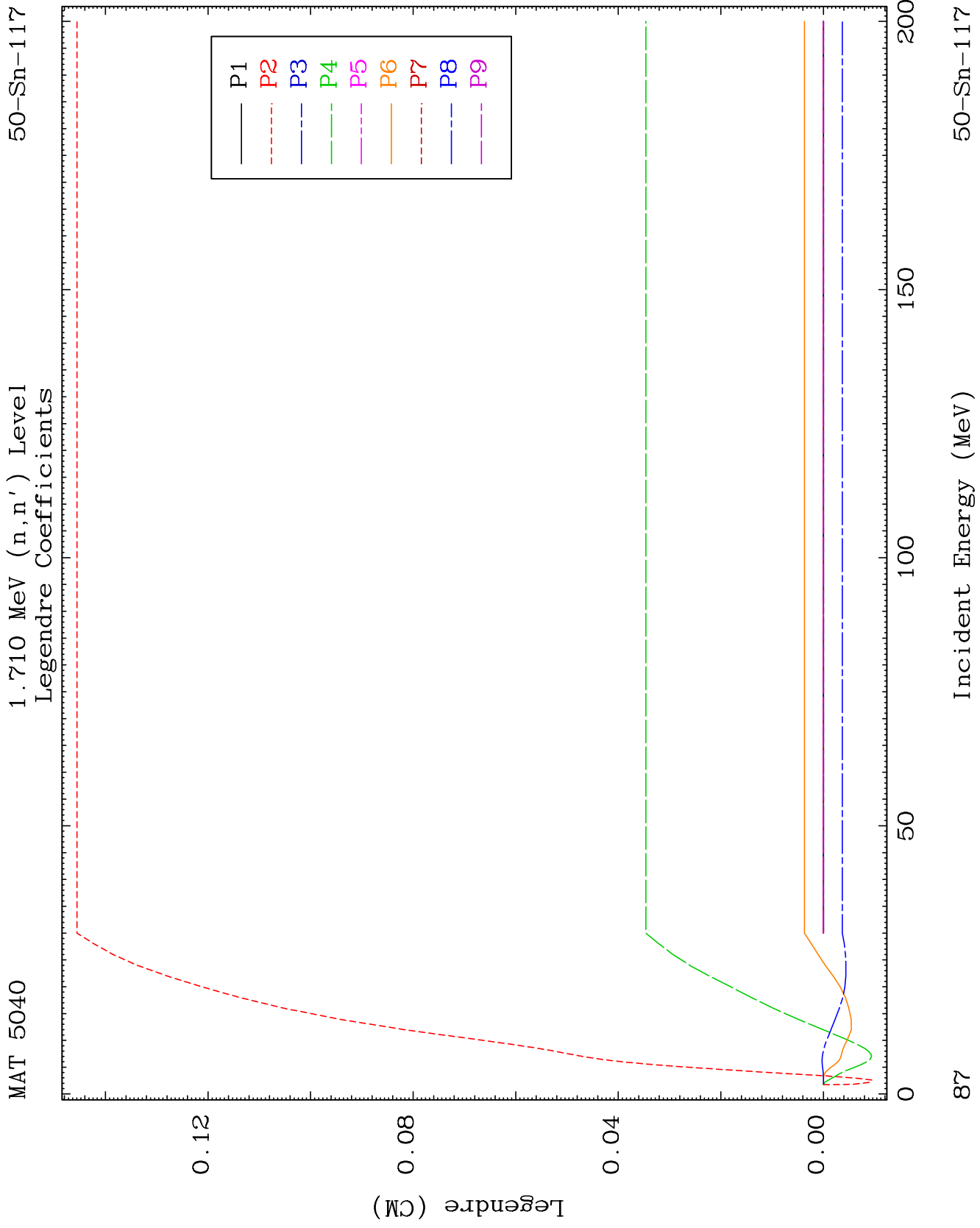




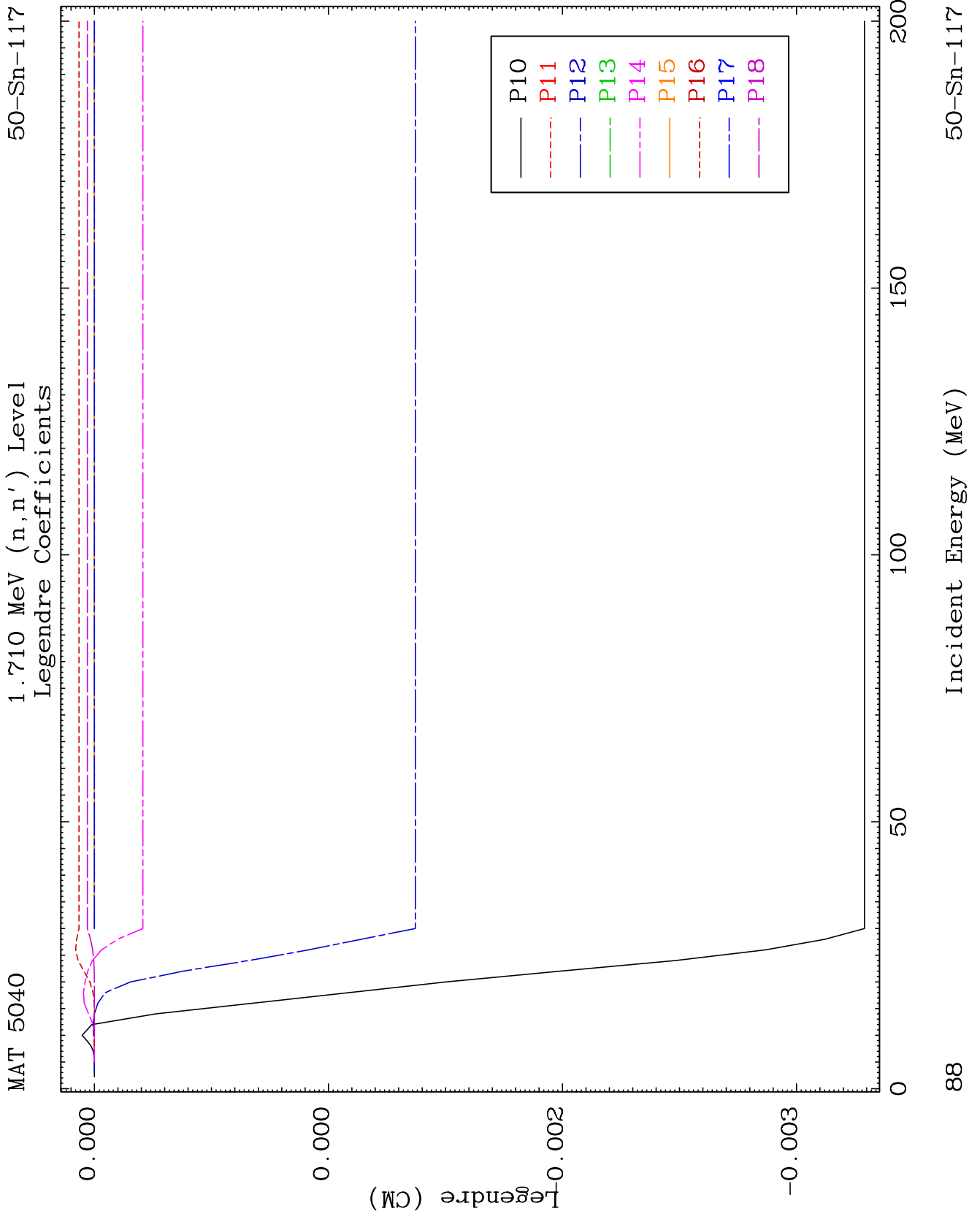


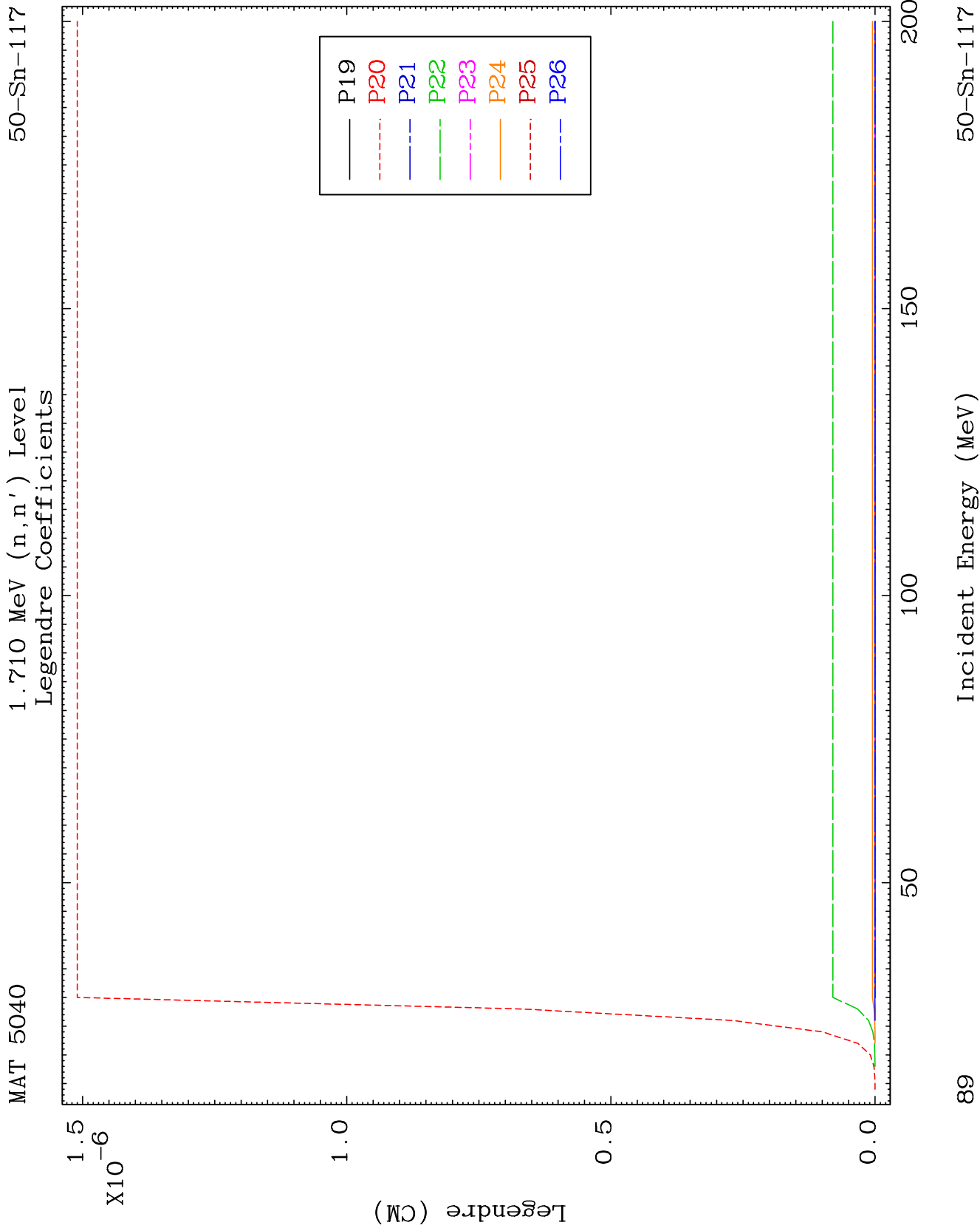


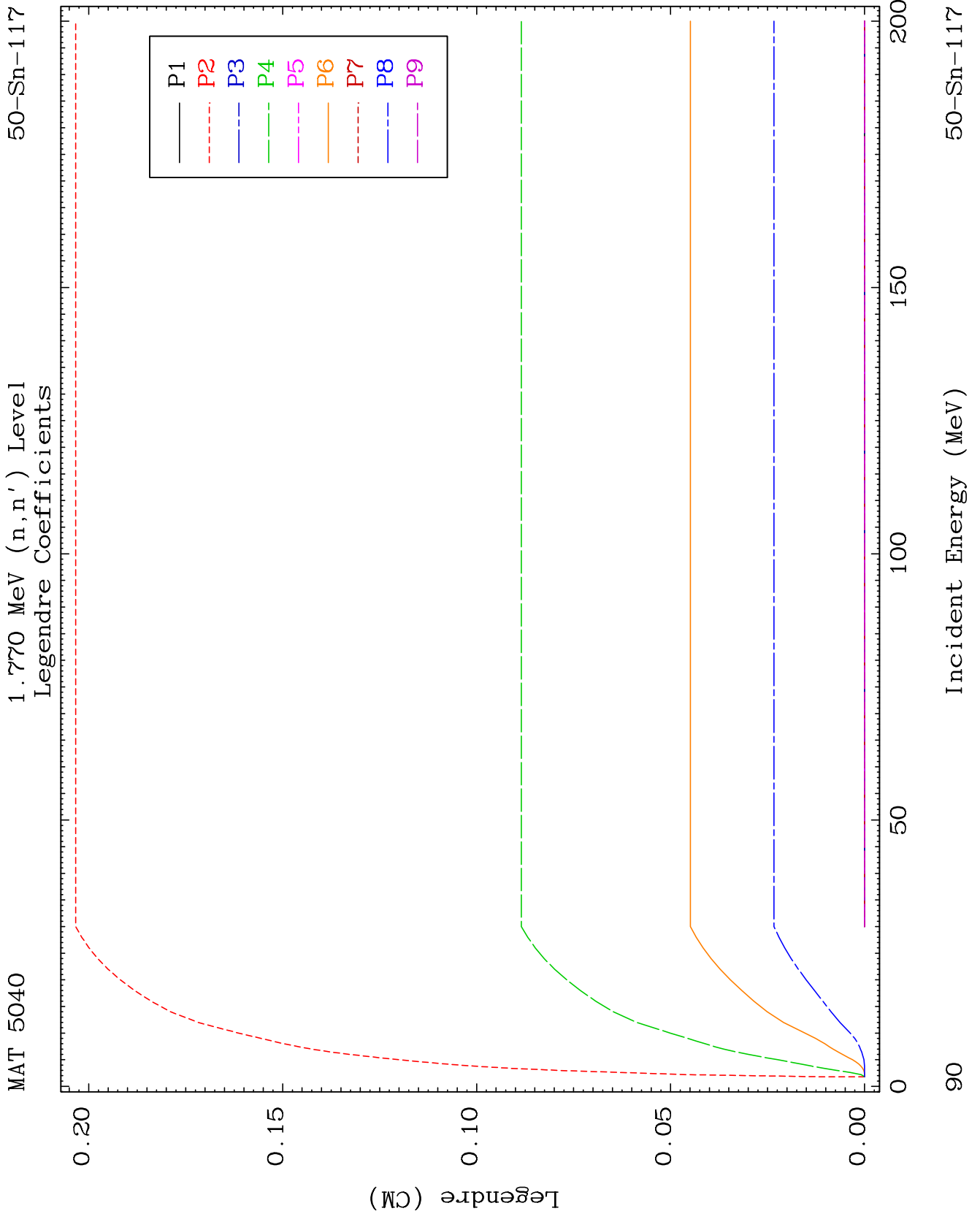




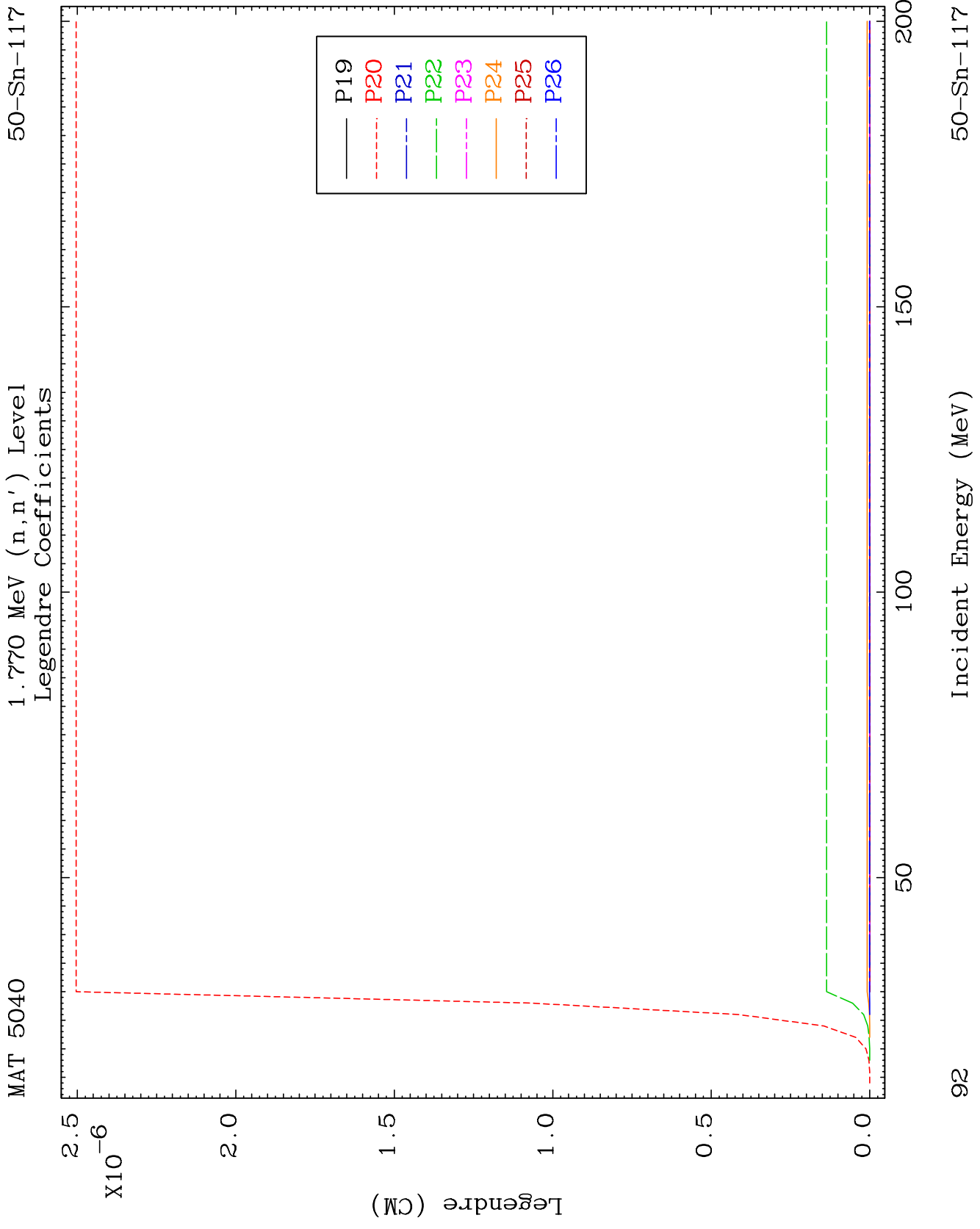


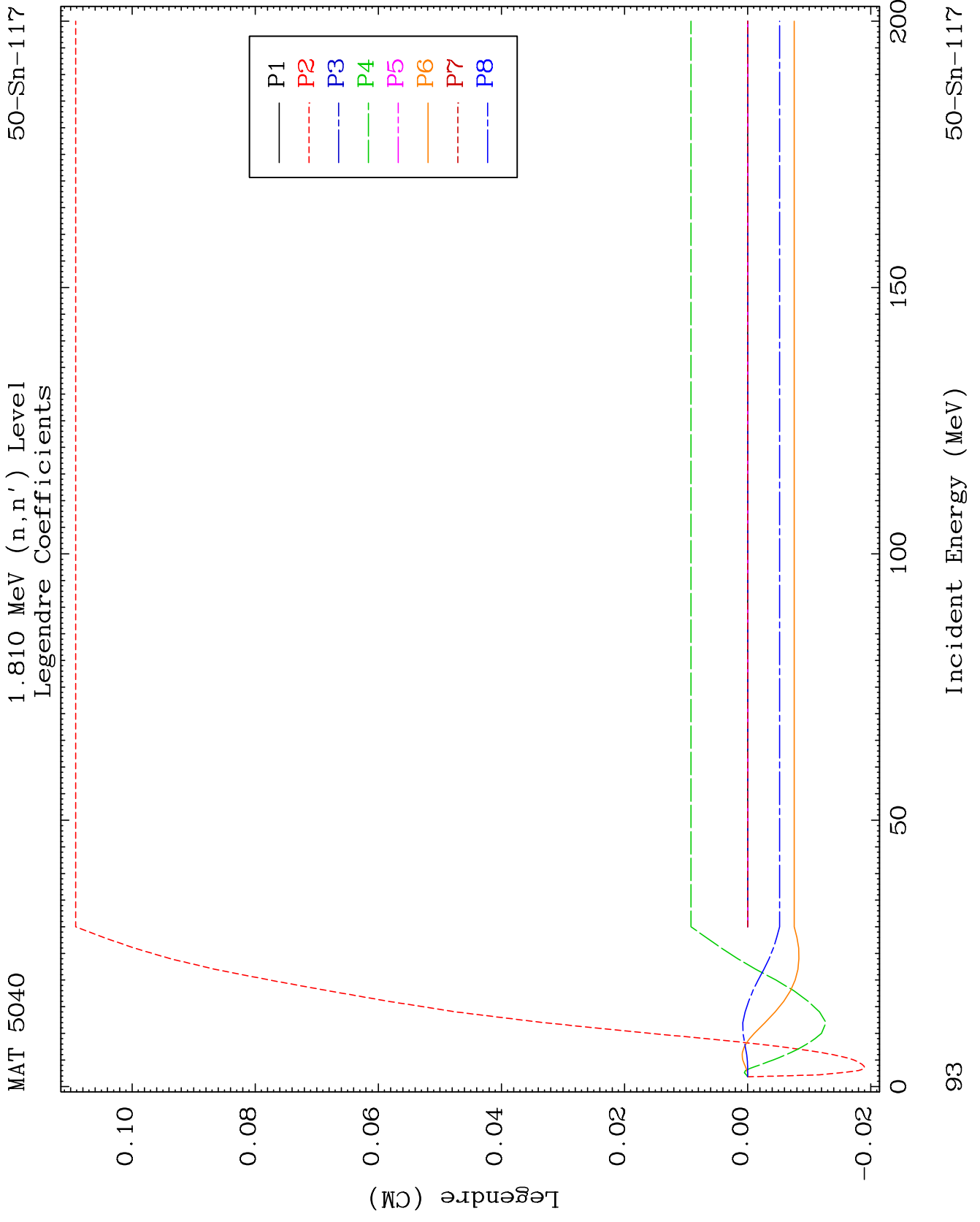


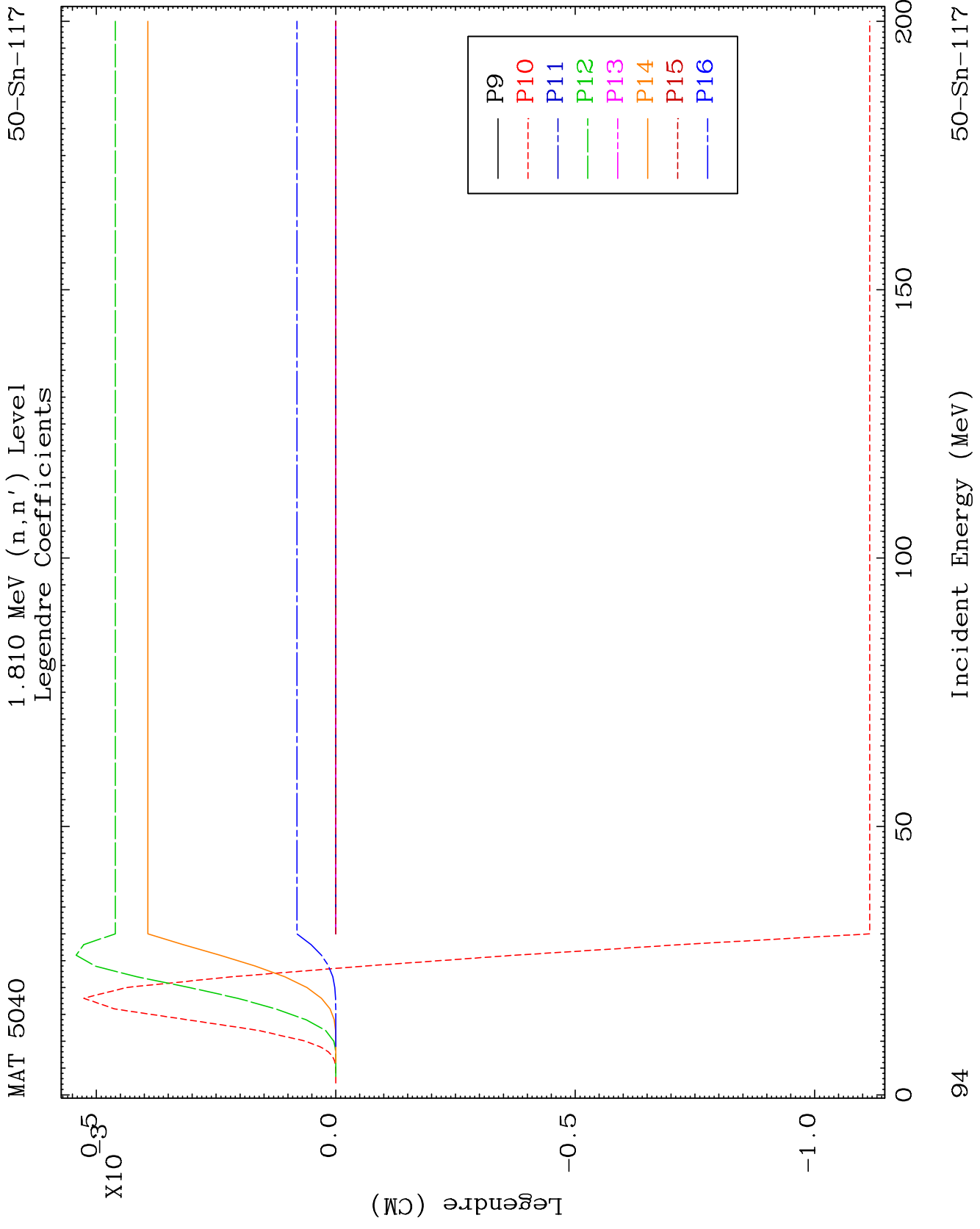


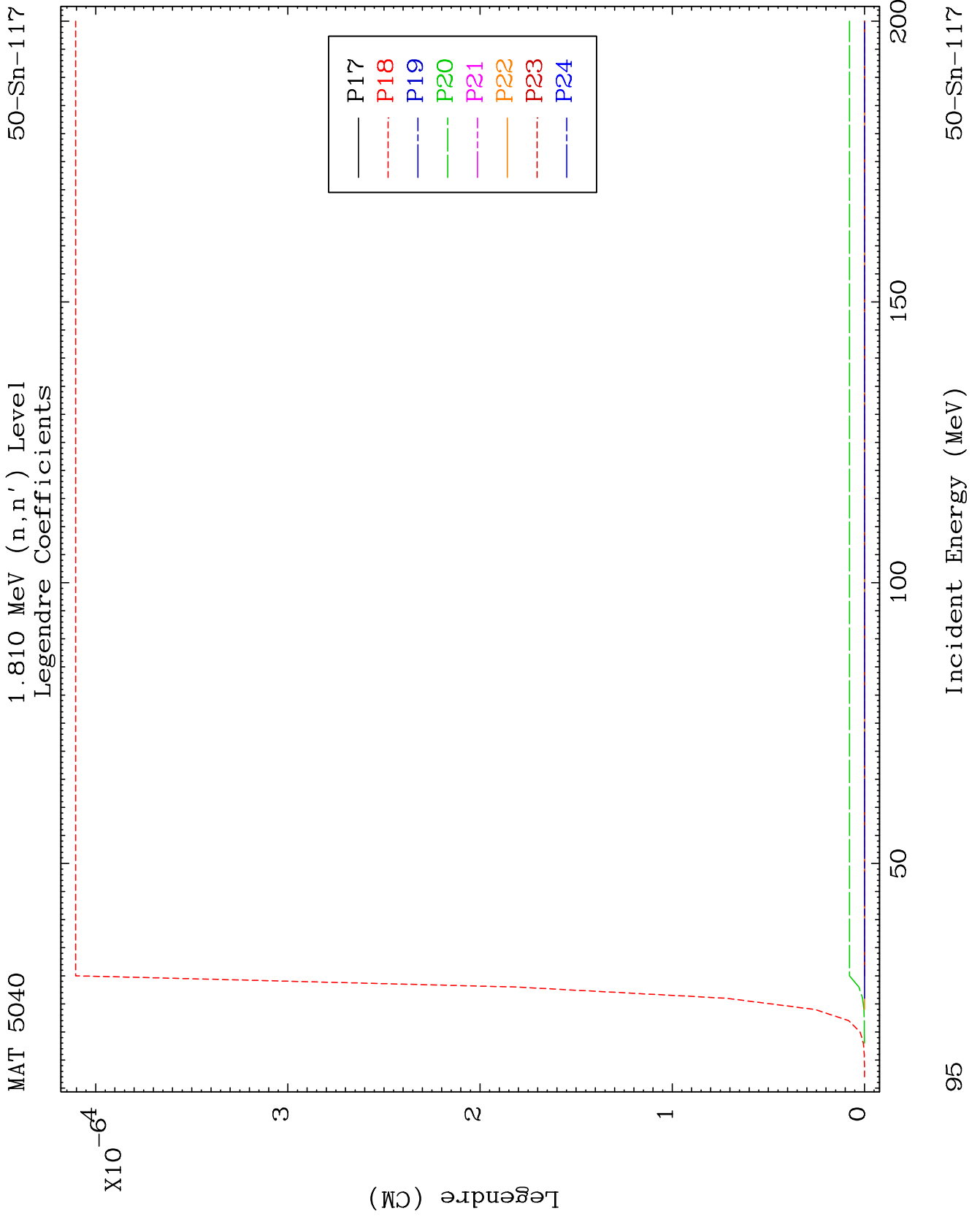




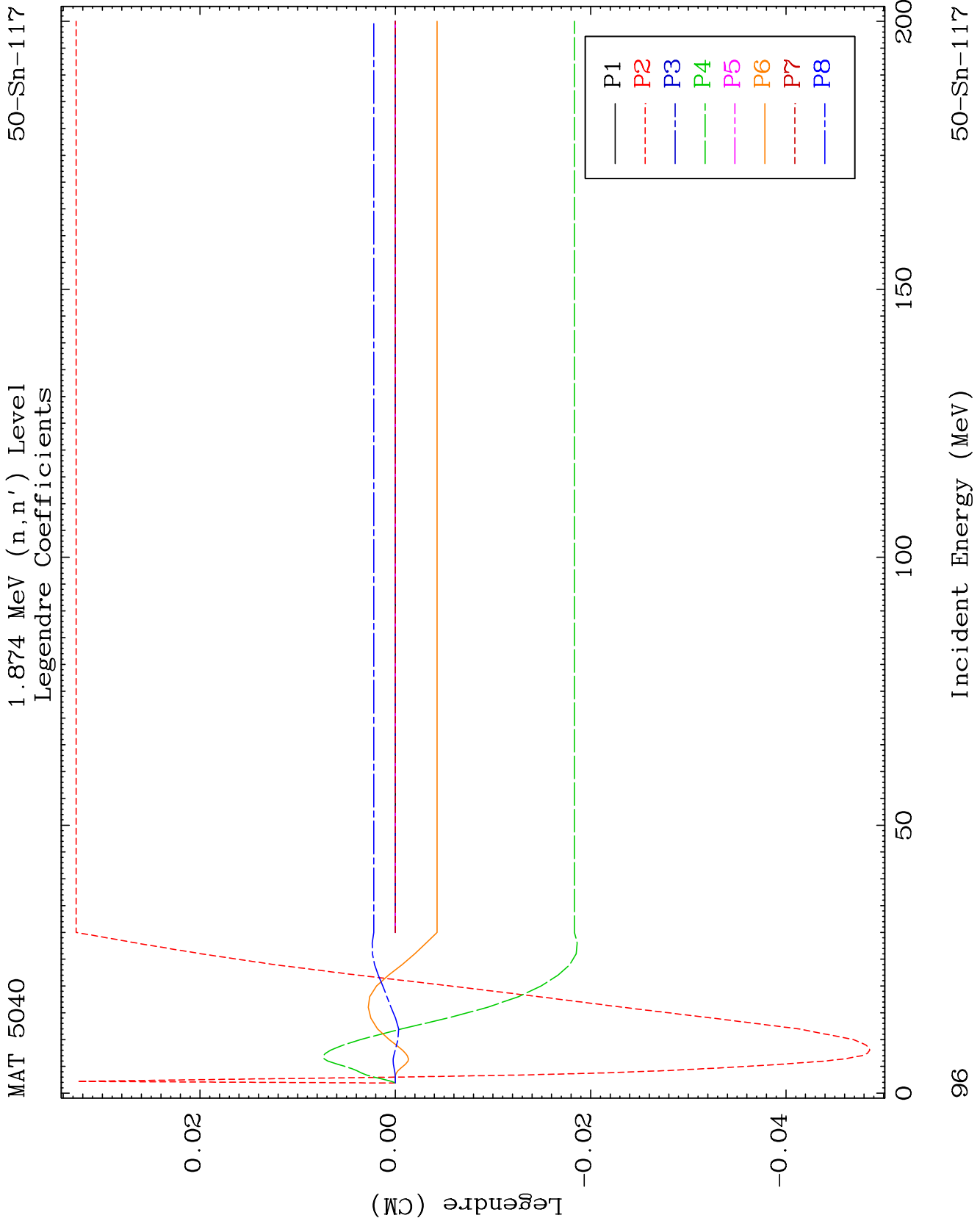


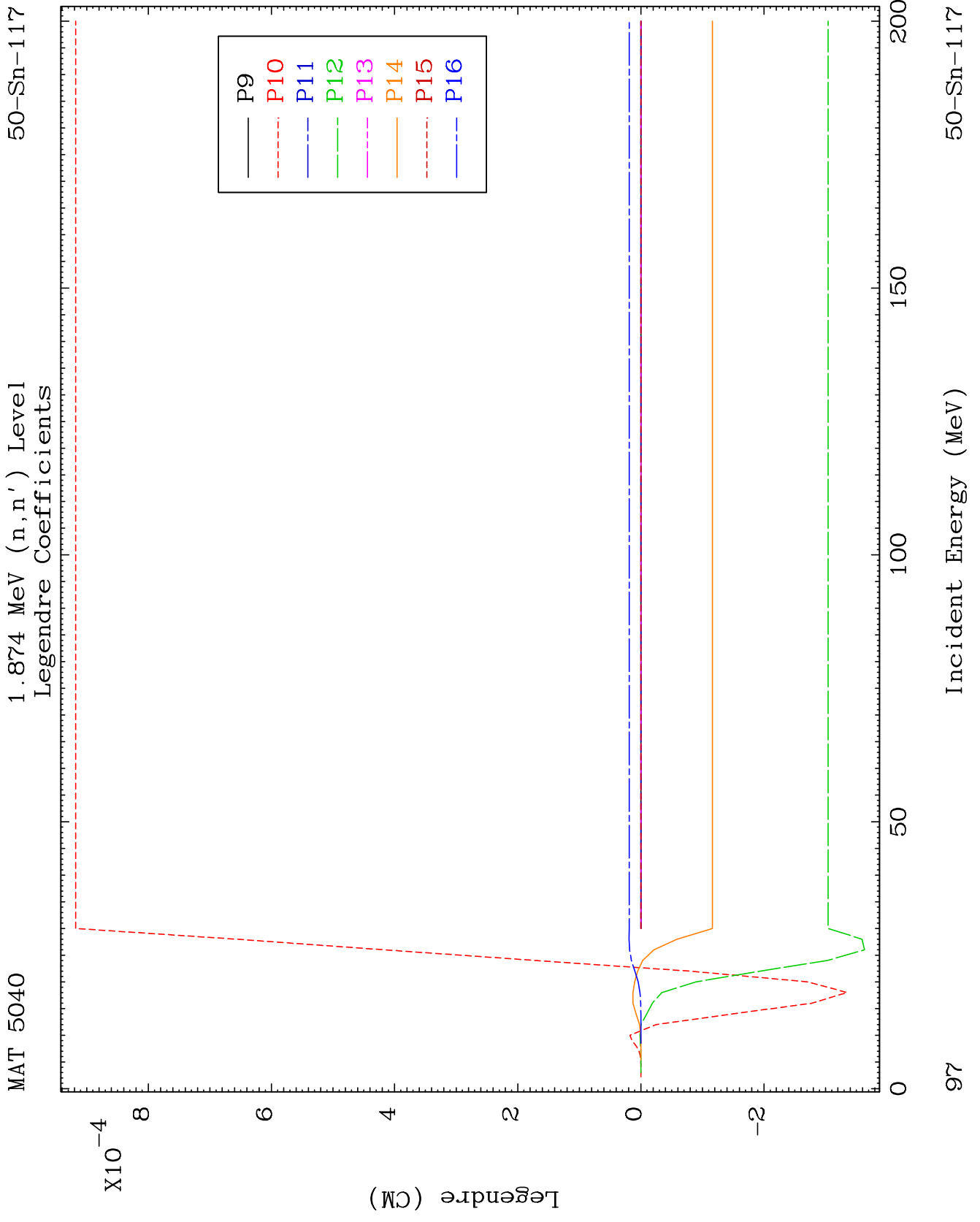


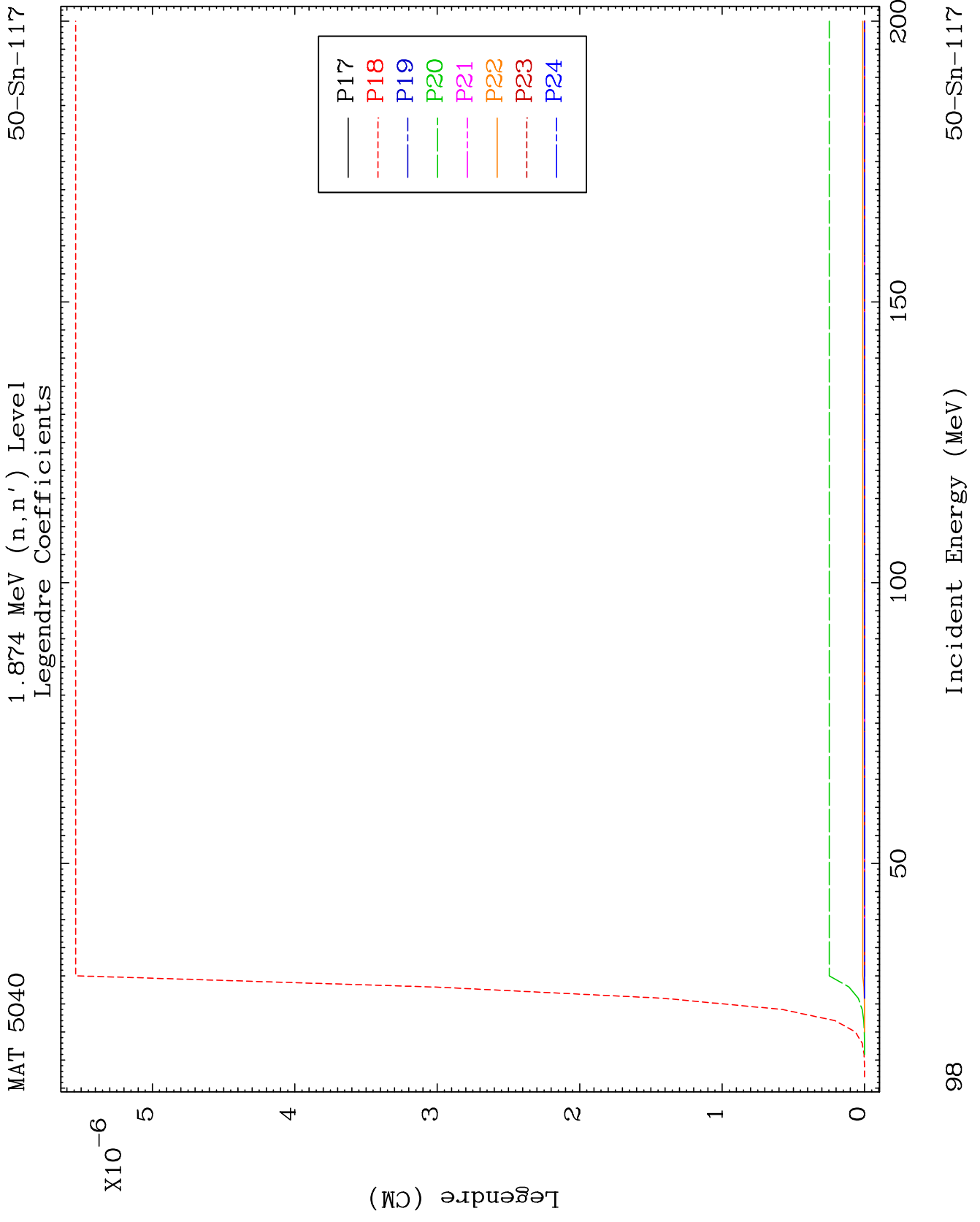


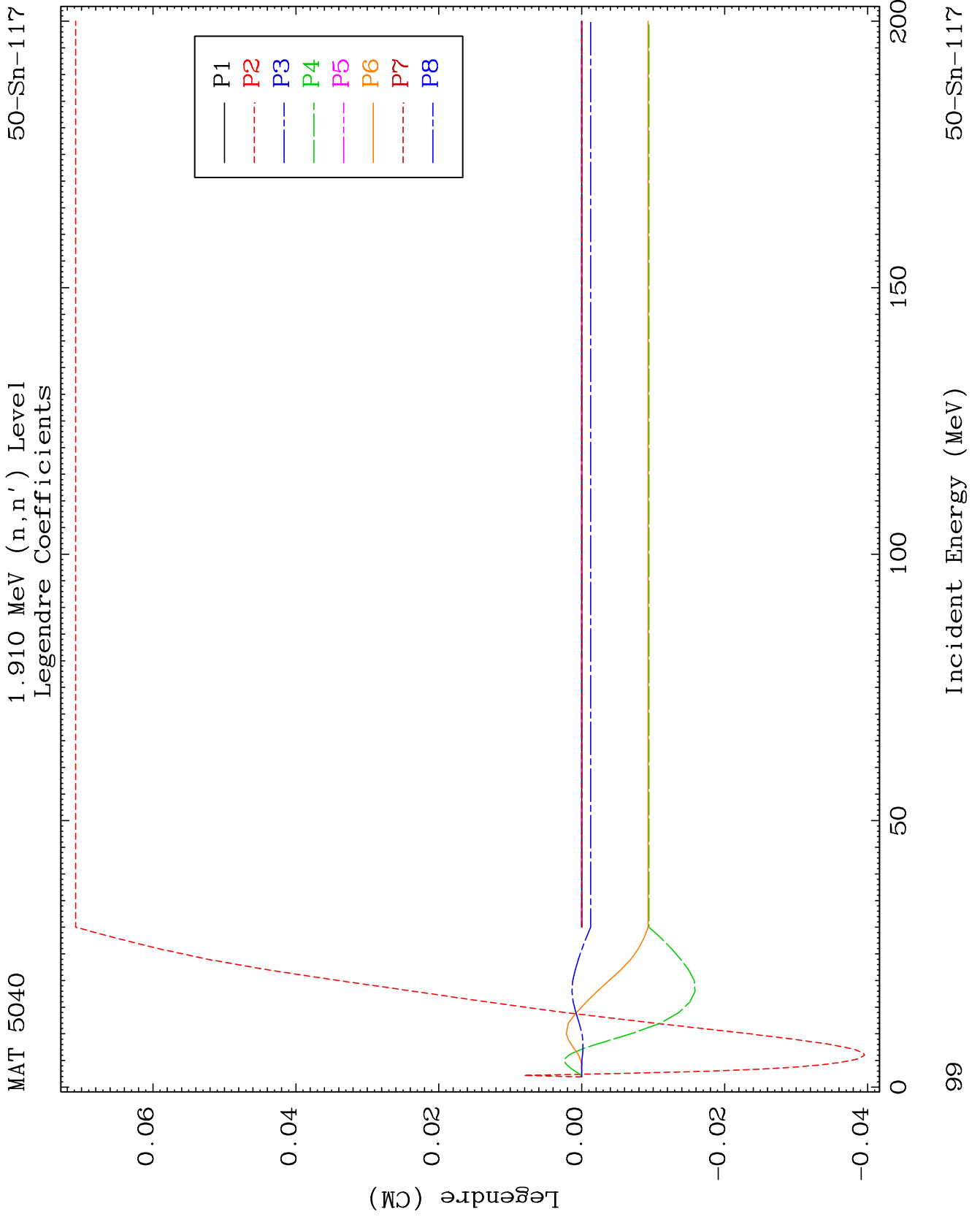




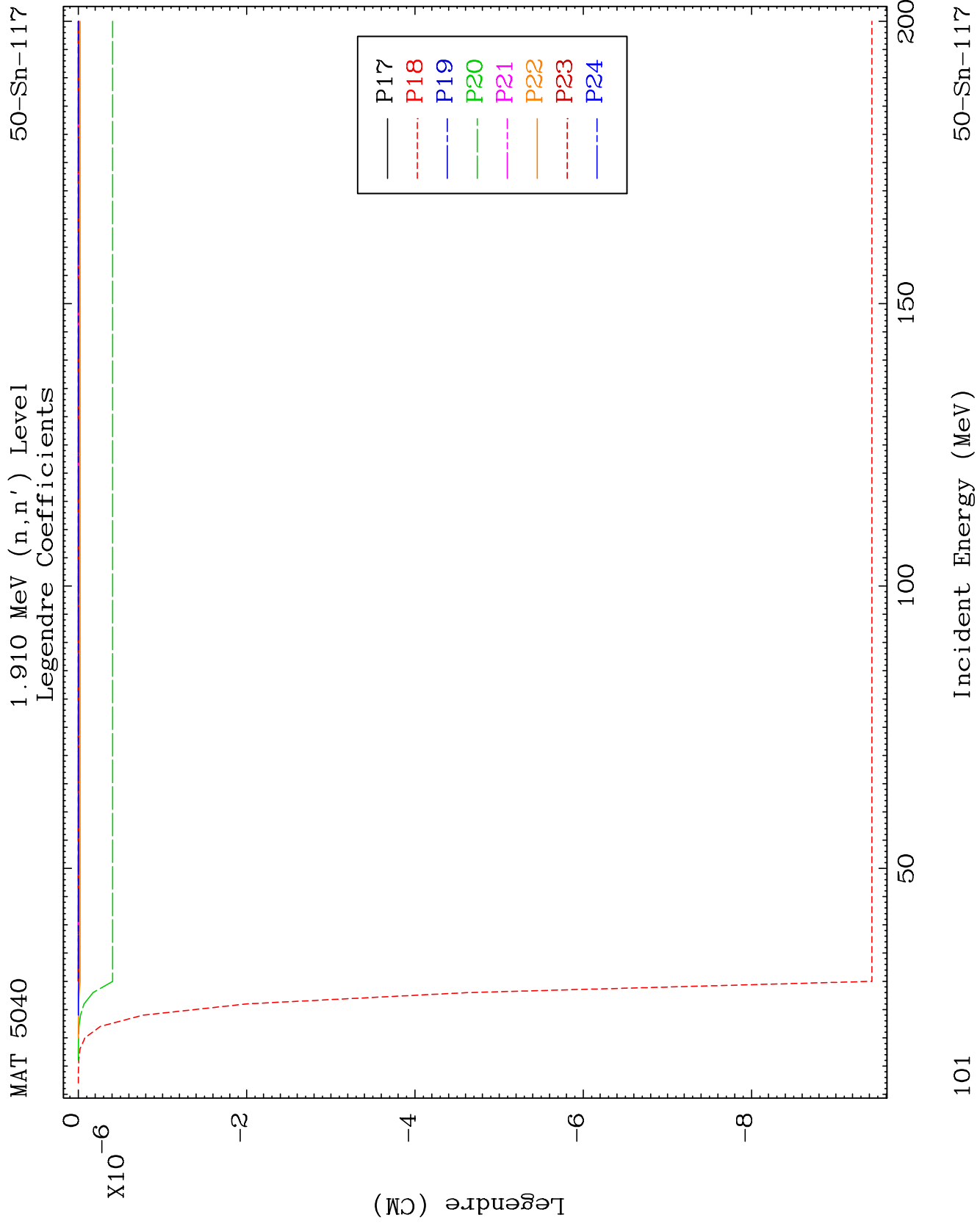








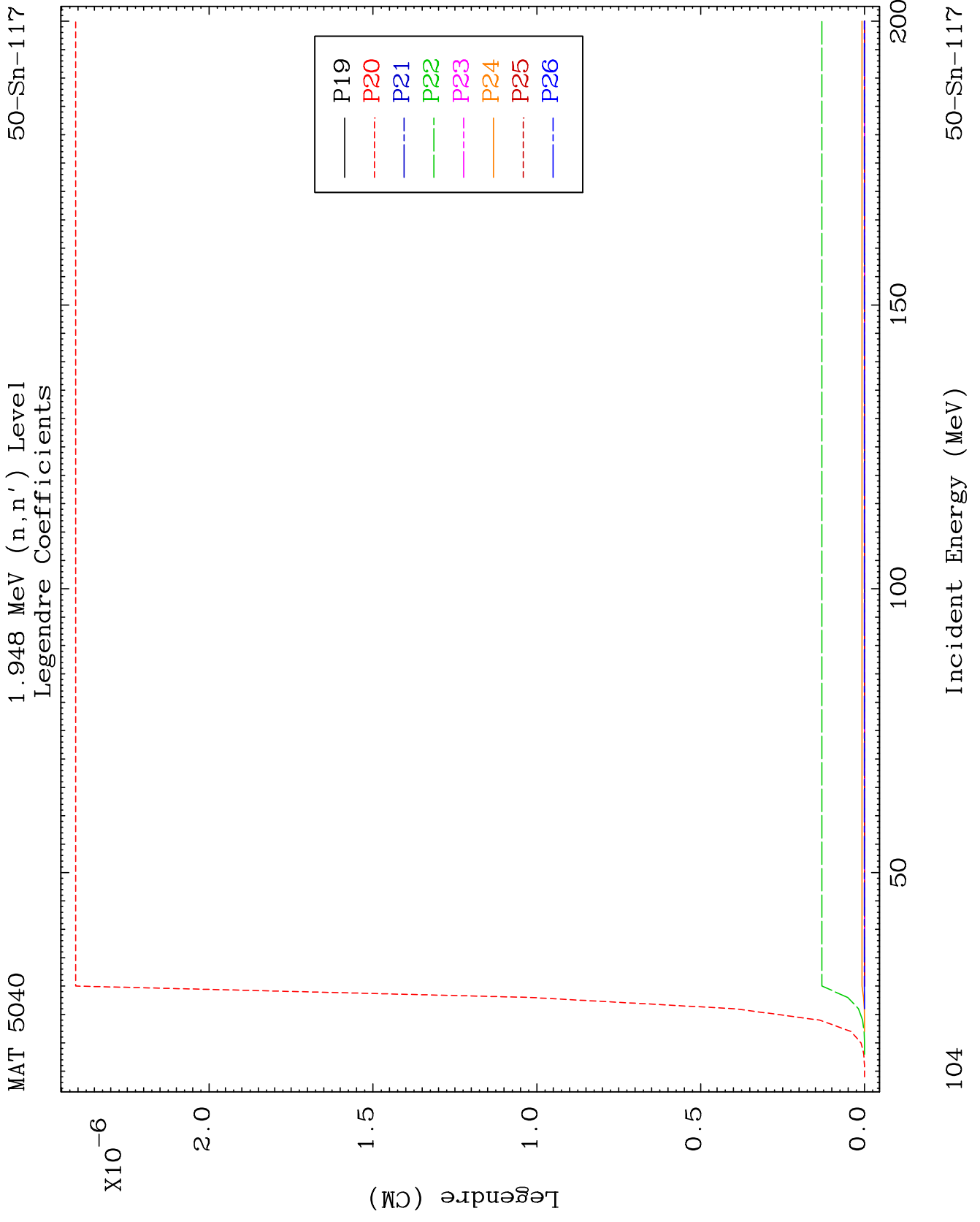




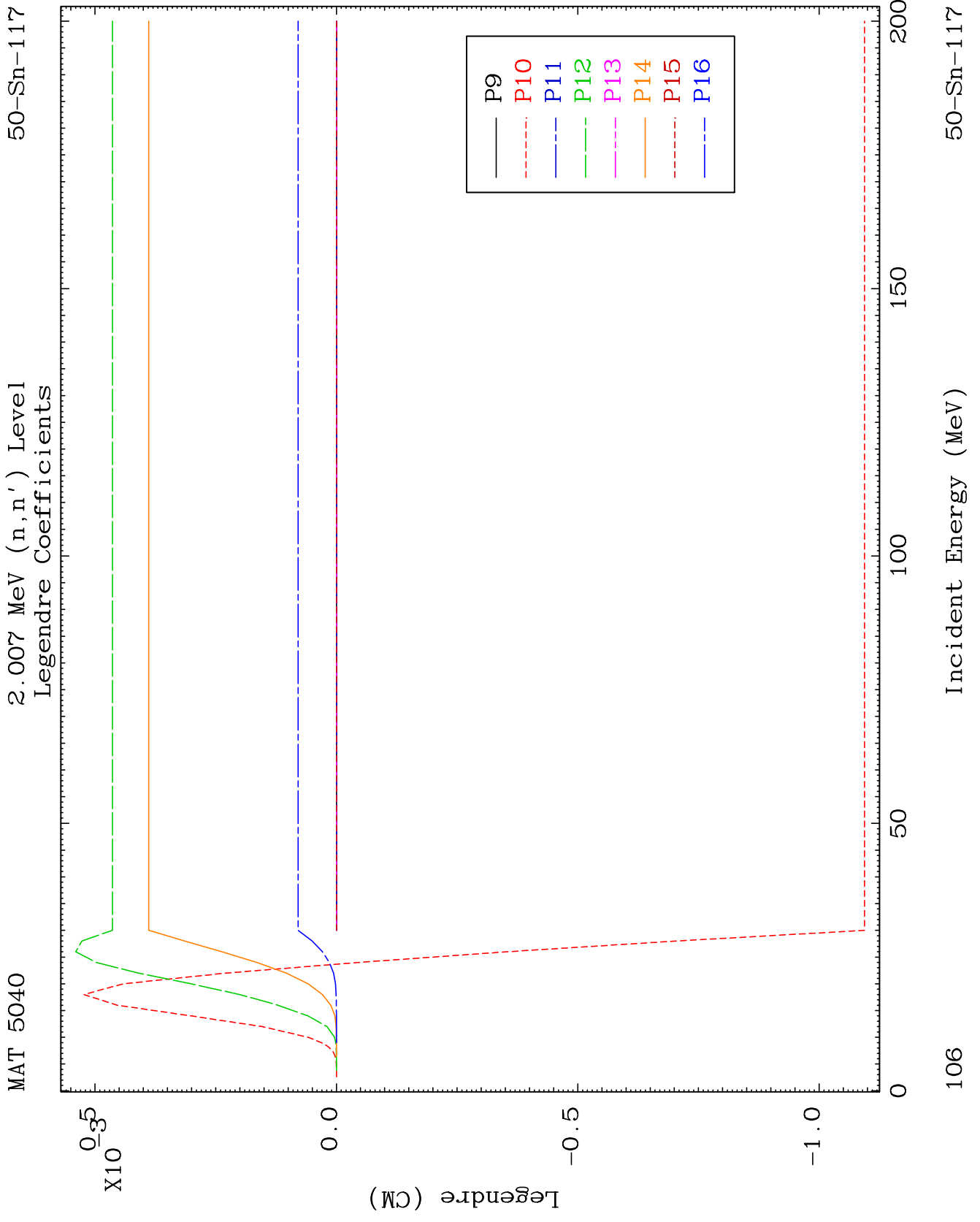


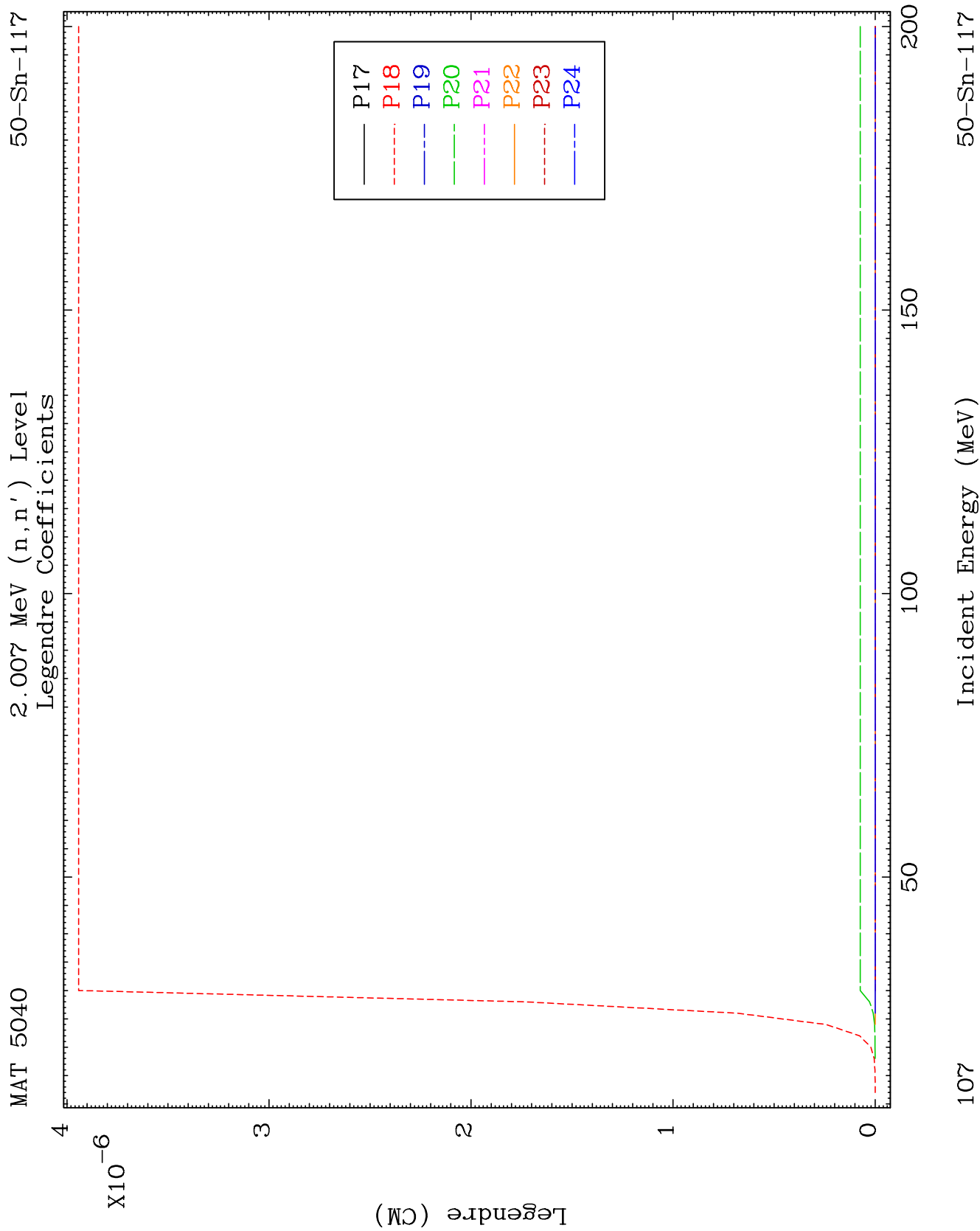




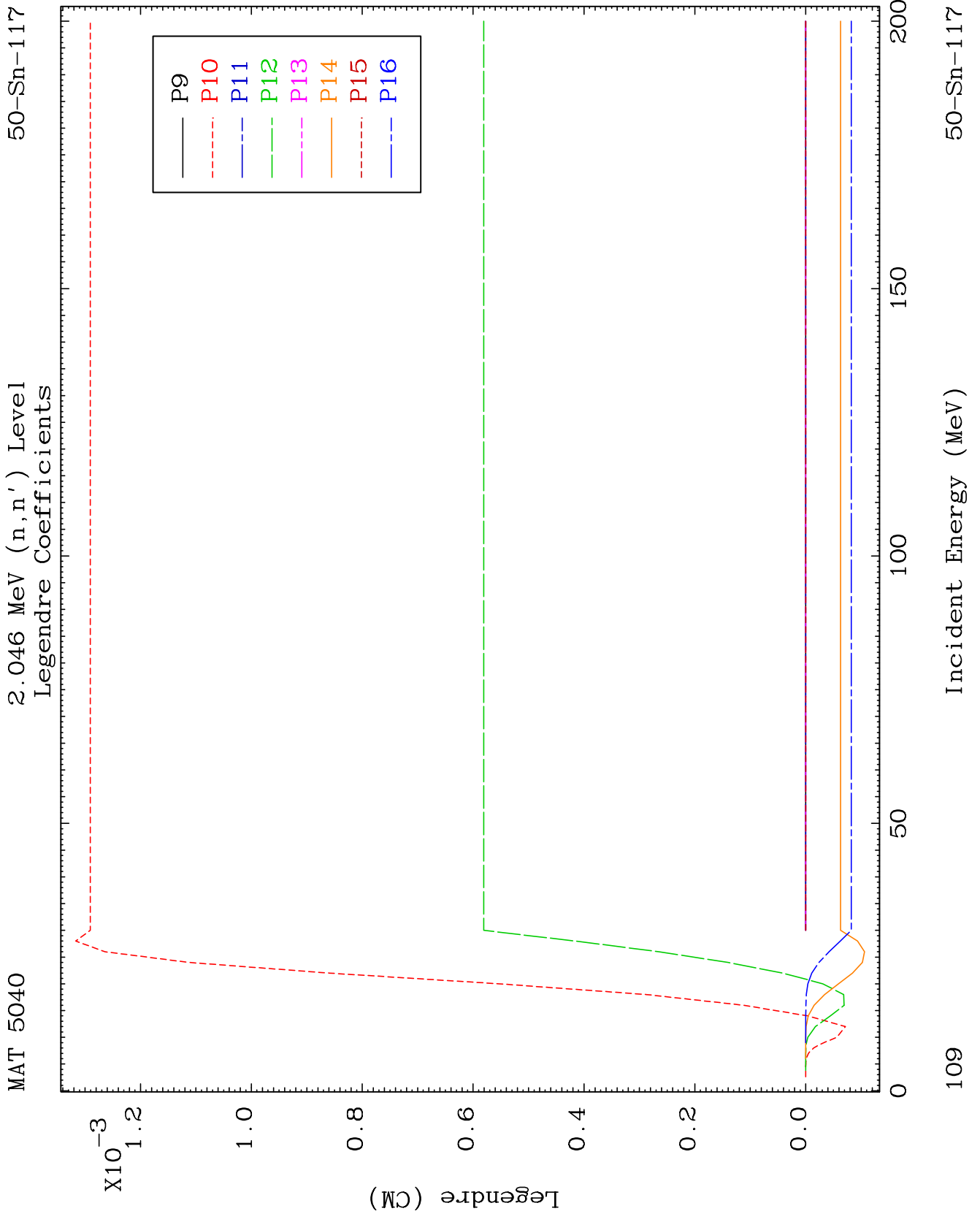


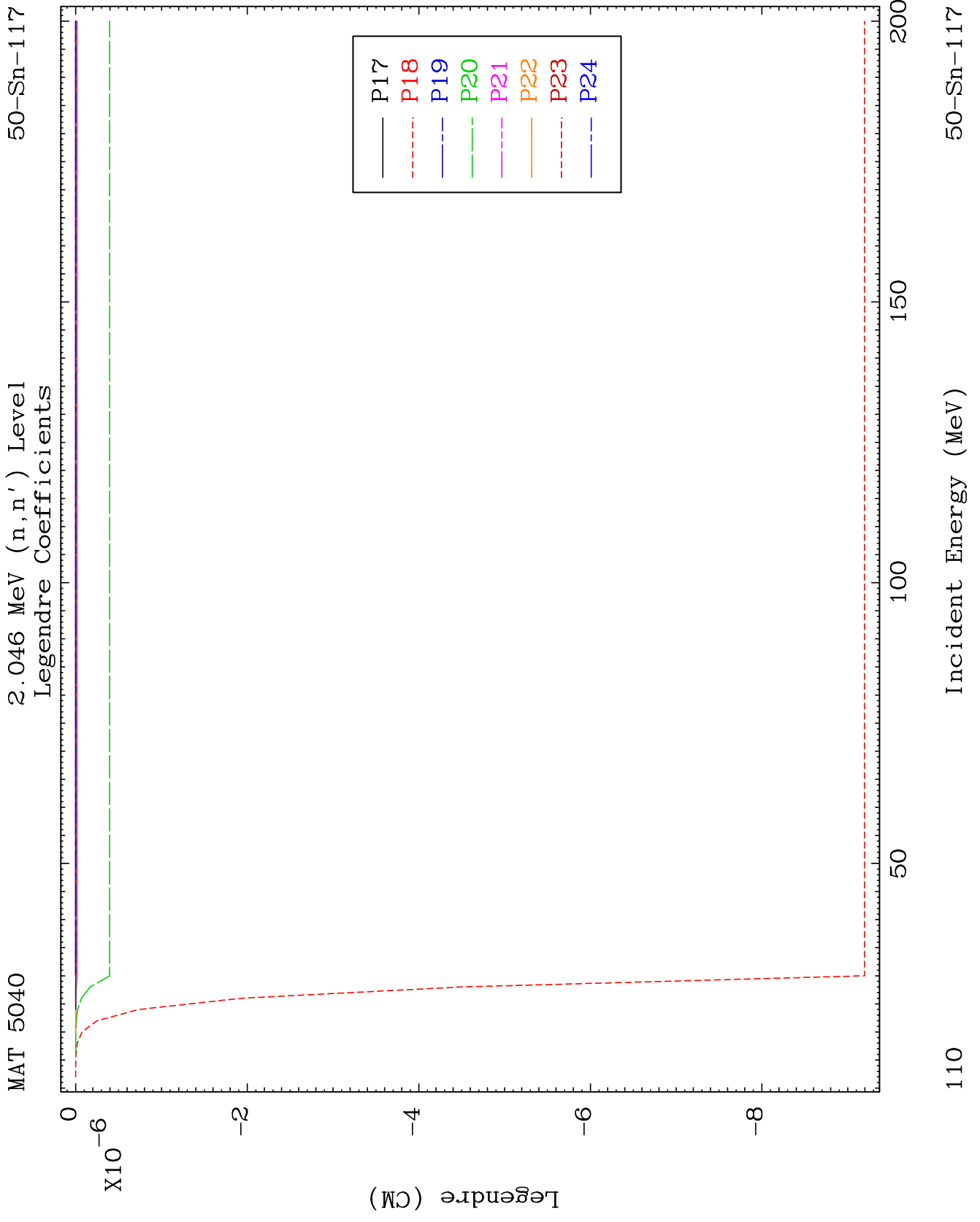








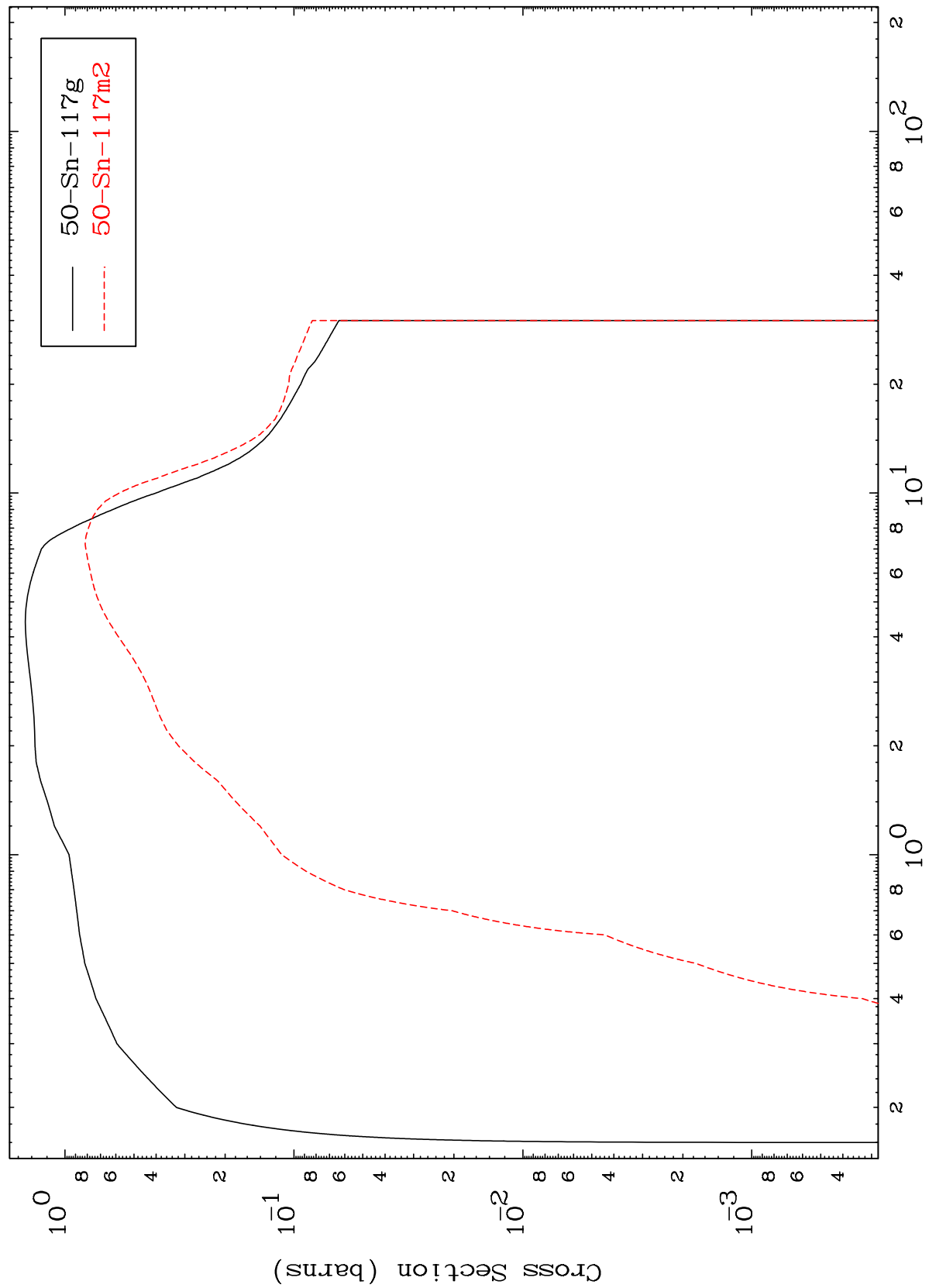




MAT 5040

50-Sn-117

Inelastic  
Radionuclide Production Cross Section



— 50-Sn-117g  
- - - 50-Sn-117m2

111

Incident Energy (MeV)

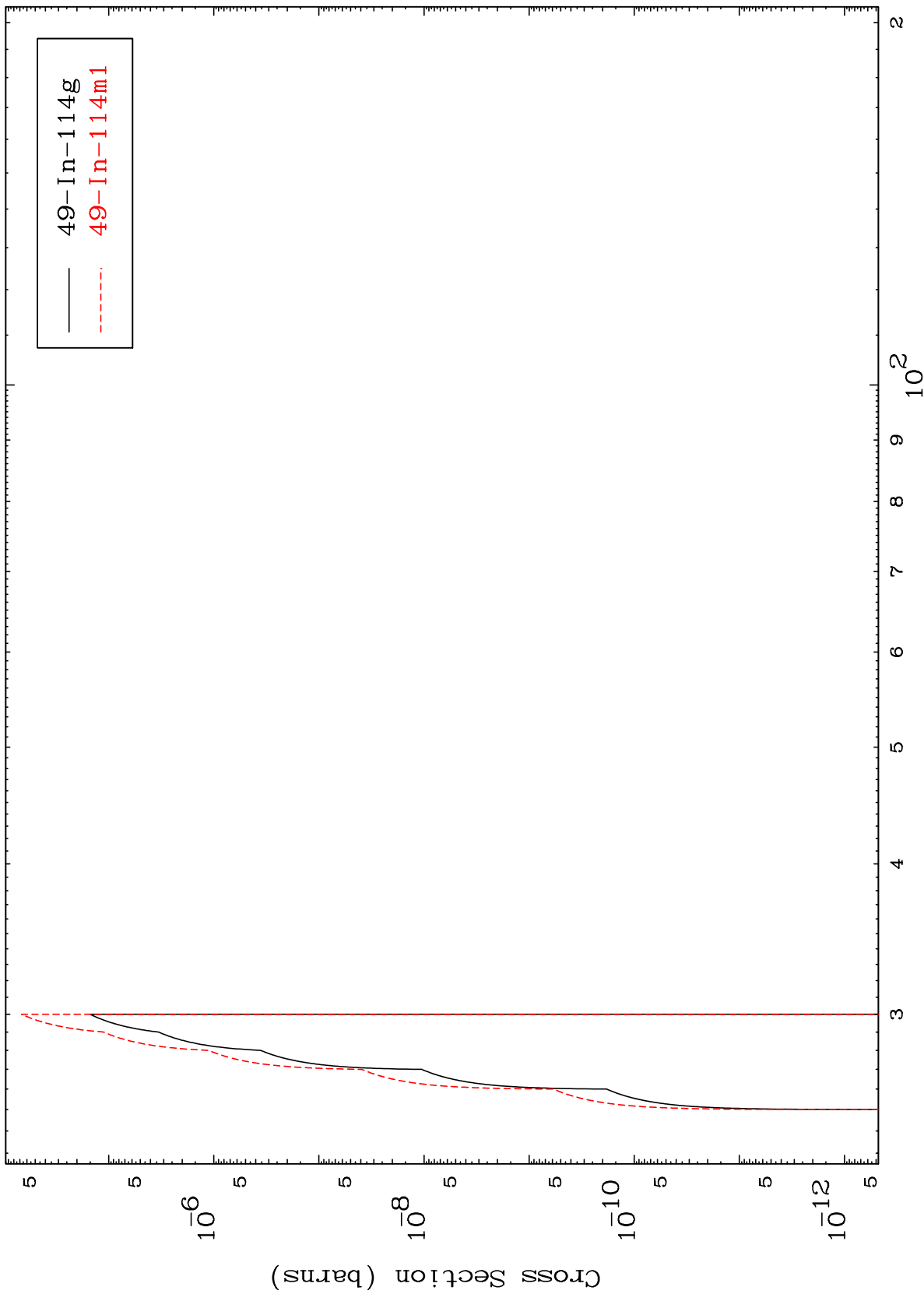
50-Sn-117



MAT 5040

50-Sn-117

(n,2n) d  
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

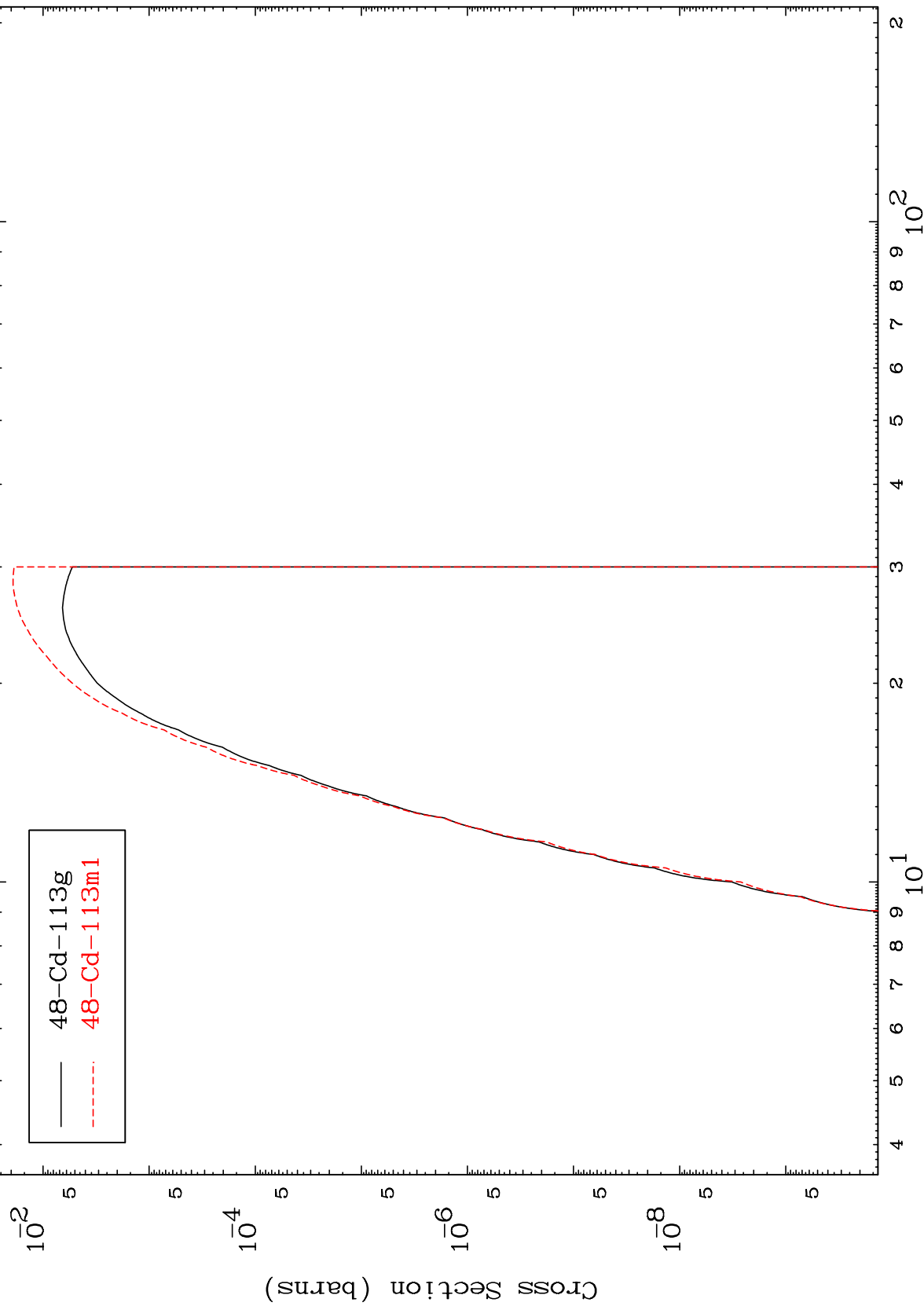
112

MAT 5040

$(n, n') \alpha$

50-Sn-117

Radionuclide Production Cross Section



— 48-Cd-113g  
- - - 48-Cd-113m1

113

Incident Energy (MeV)

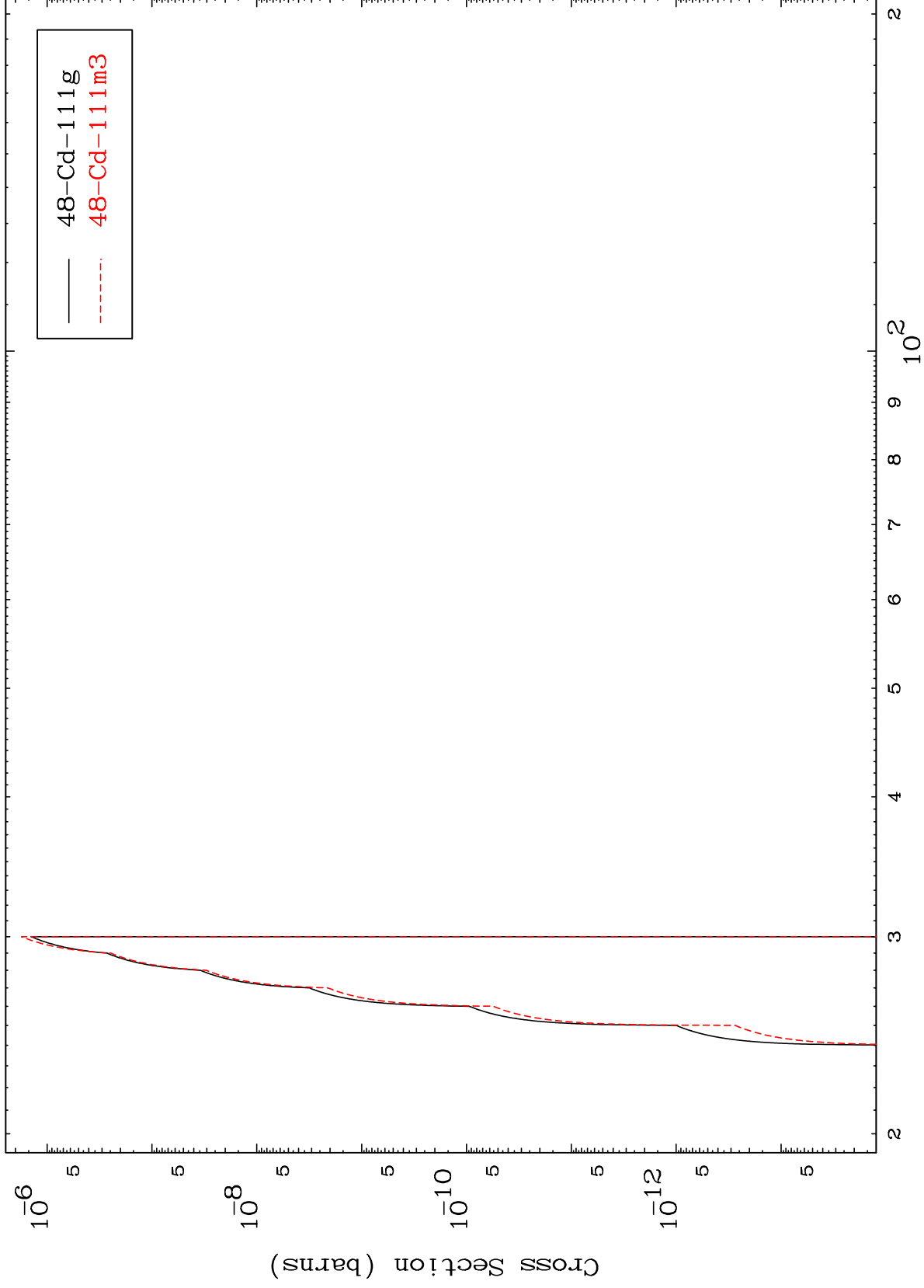
50-Sn-117

MAT 5040

(n,3n)  $\alpha$

50-Sn-117

Radionuclide Production Cross Section



114

Incident Energy (MeV)

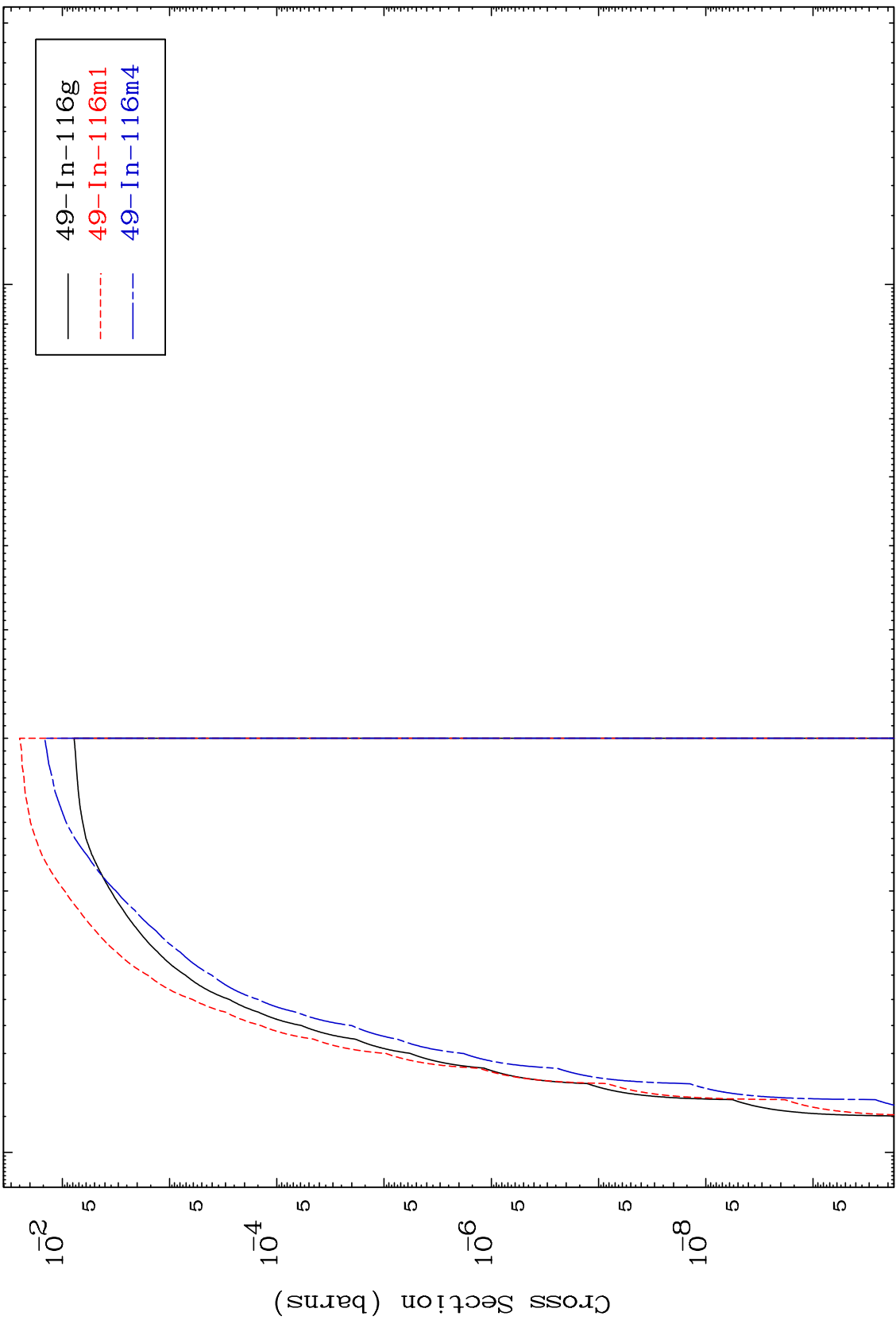
50-Sn-117

MAT 5040

(n,n') p

50-Sn-117

Radionuclide Production Cross Section



50-Sn-117

10<sup>2</sup>

10<sup>1</sup>

2

3

4

5

6

7

8

9

10

10<sup>1</sup>

10<sup>2</sup>

Incident Energy (MeV)

50-Sn-117

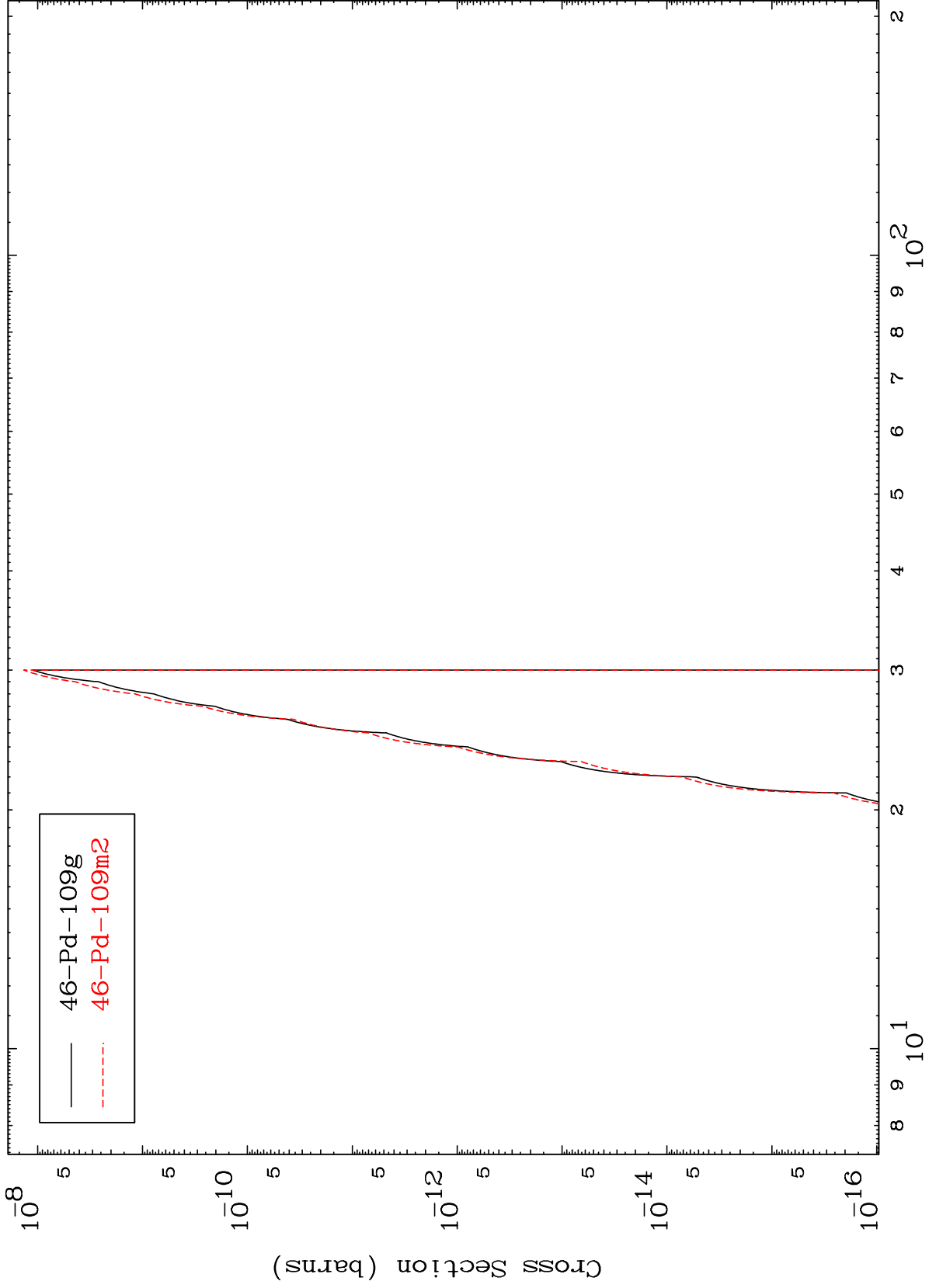
115

MAT 5040

(n,n') 2α

50-Sn-117

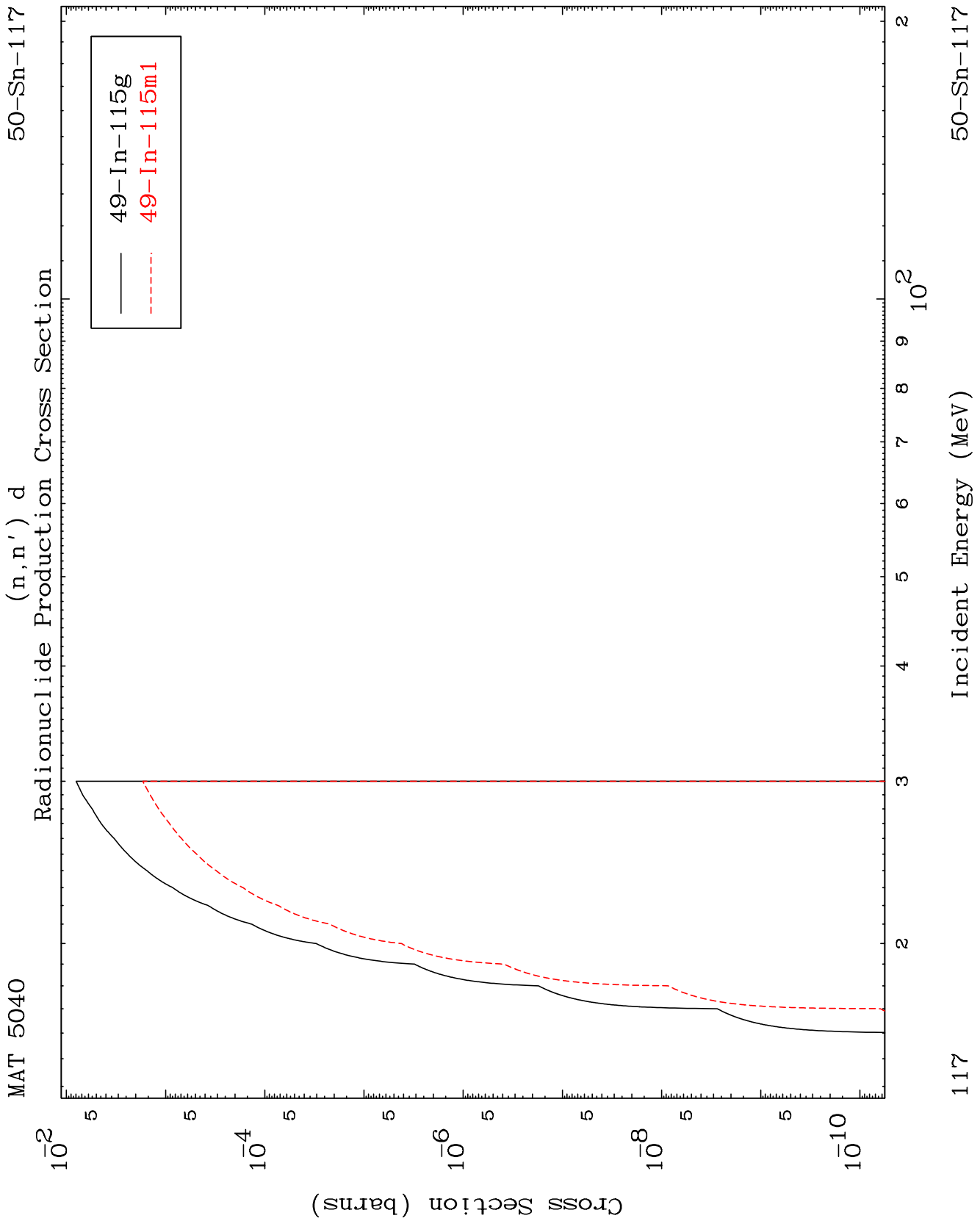
Radionuclide Production Cross Section



116

Incident Energy (MeV)

50-Sn-117

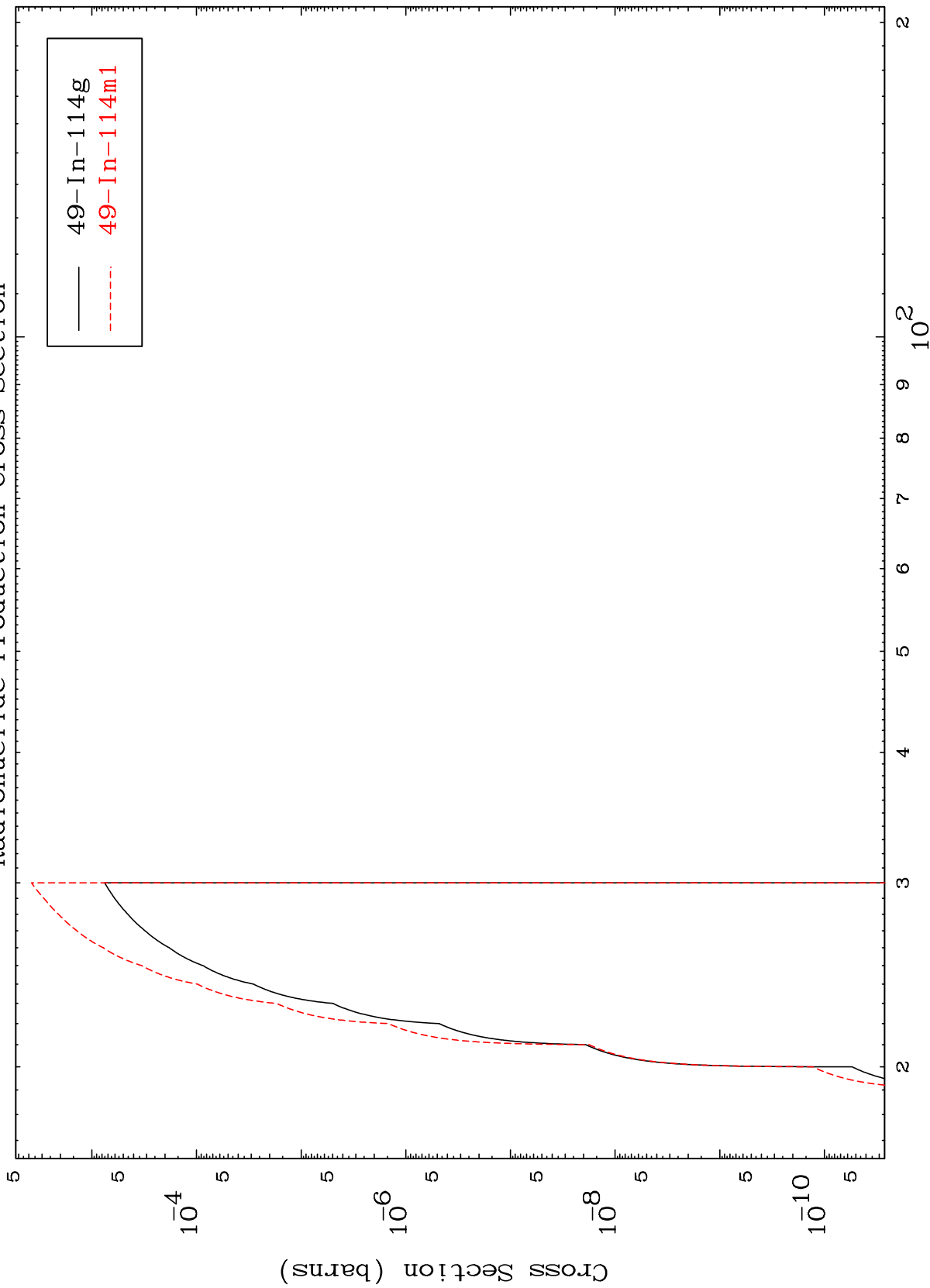


MAT 5040

(n,n') t

50-Sn-117

Radionuclide Production Cross Section



118

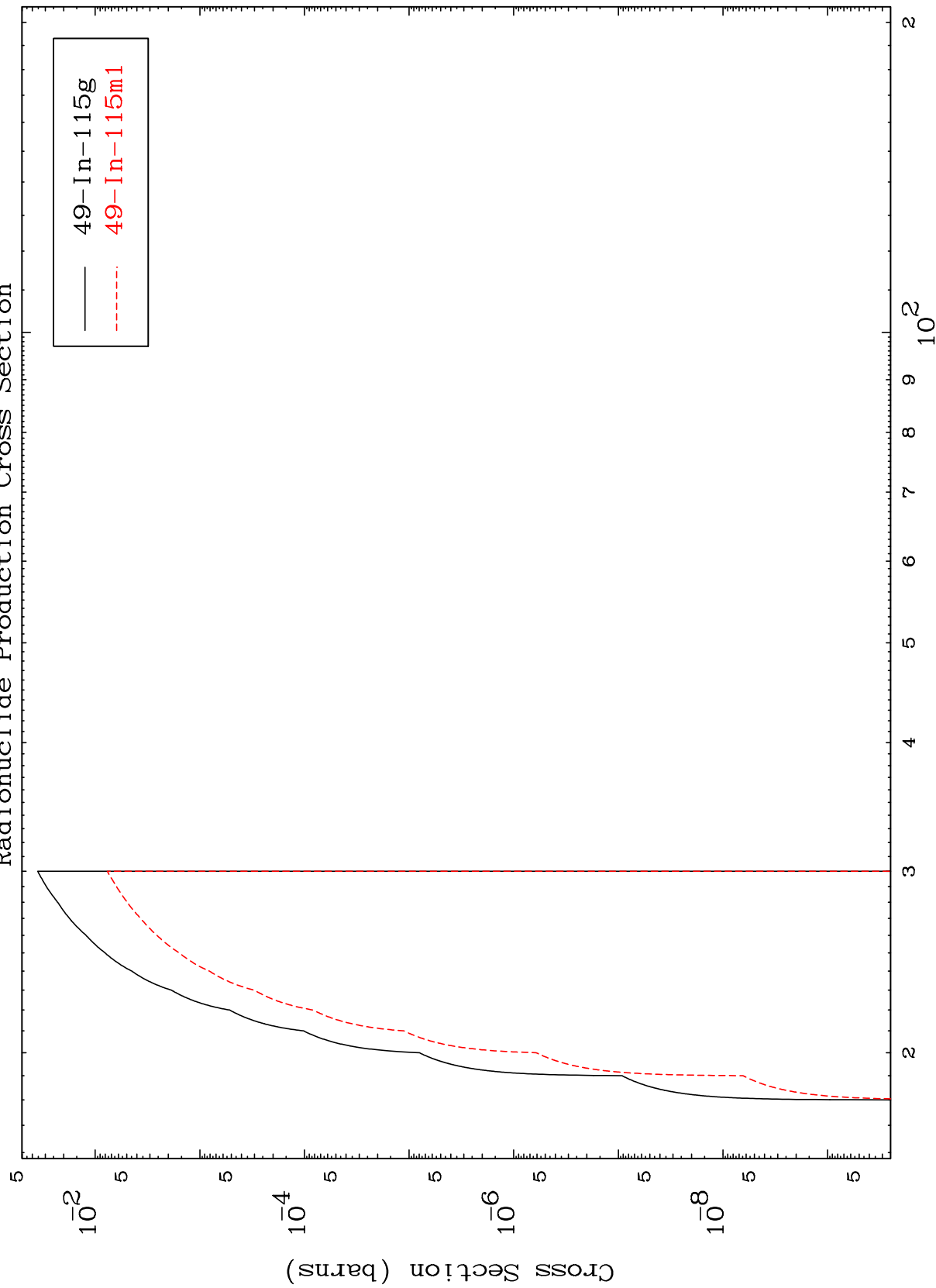
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,2n) p  
Radionuclide Production Cross Section



— 49-In-115g  
- - - 49-In-115m1

119

Incident Energy (MeV)

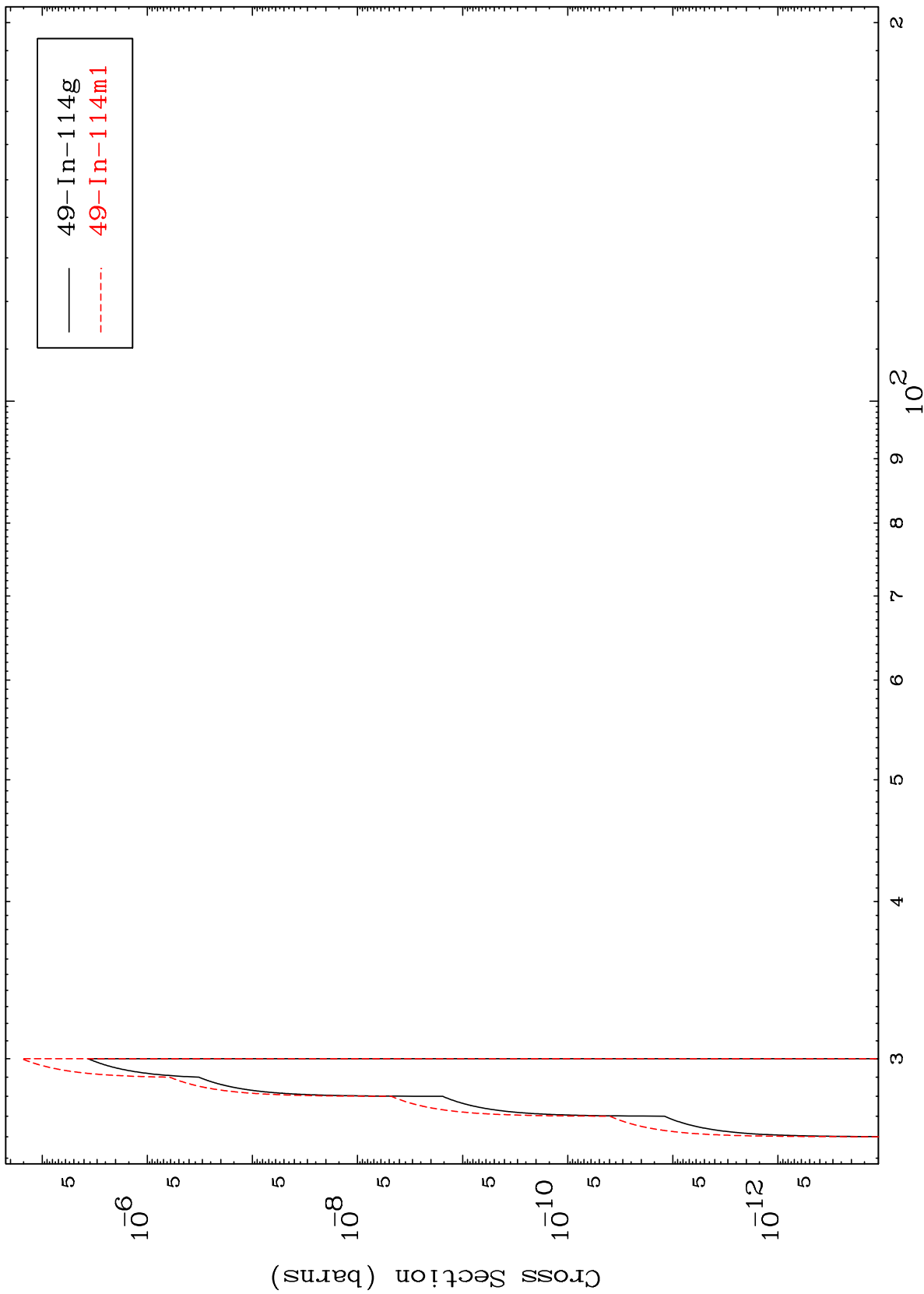
50-Sn-117



MAT 5040

50-Sn-117

(n,3n) p  
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

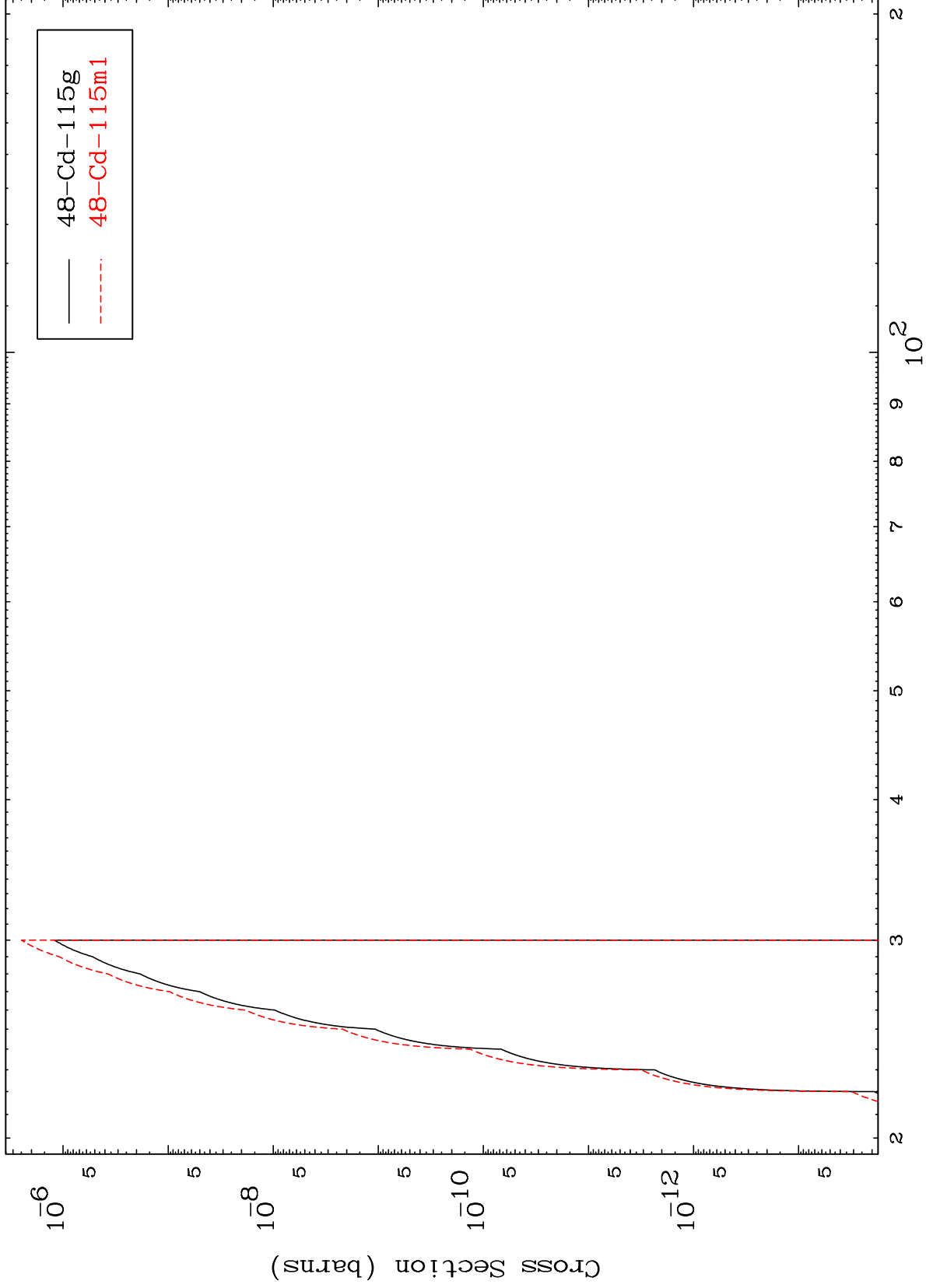
120

MAT 5040

(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



121

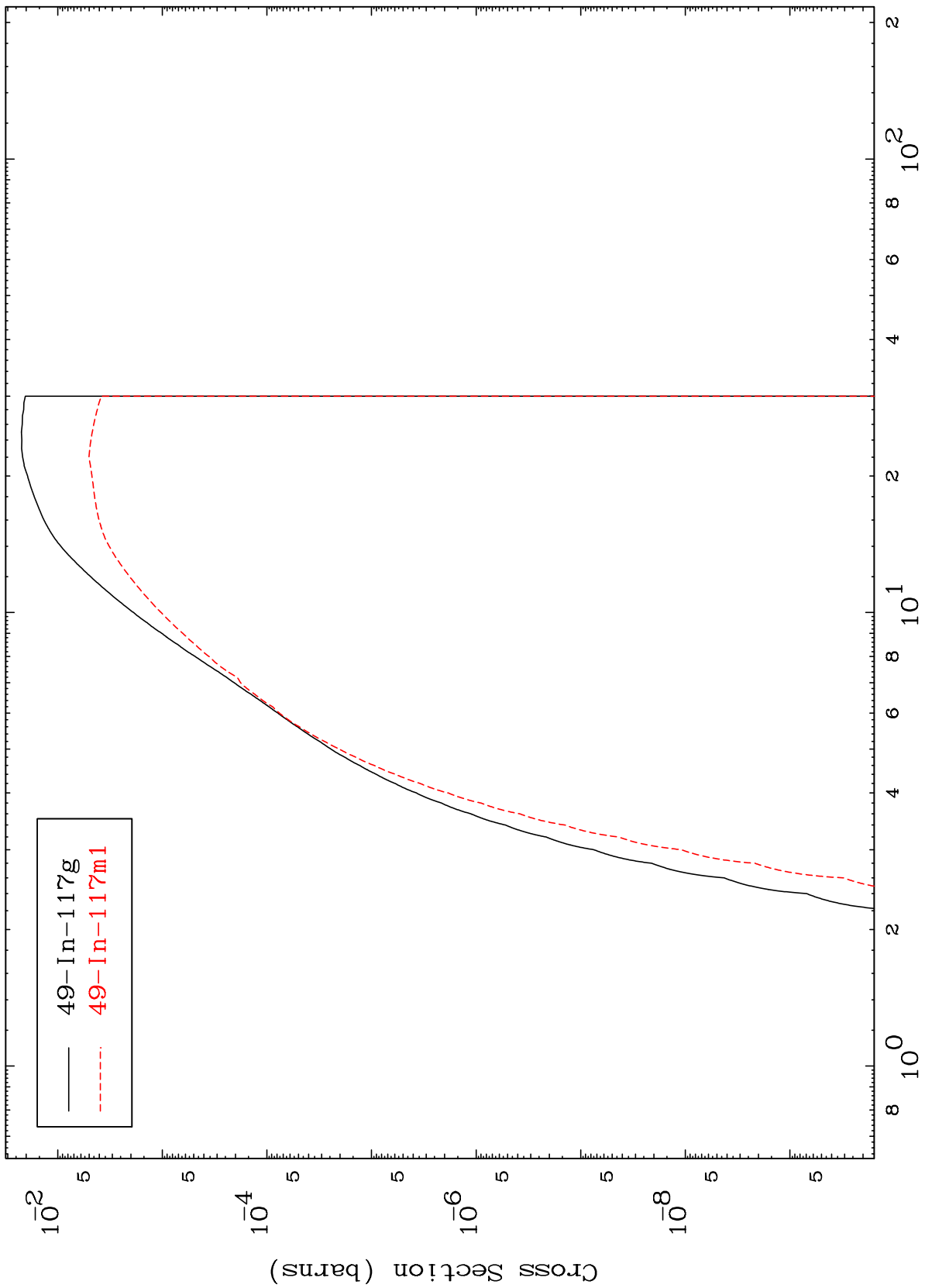
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

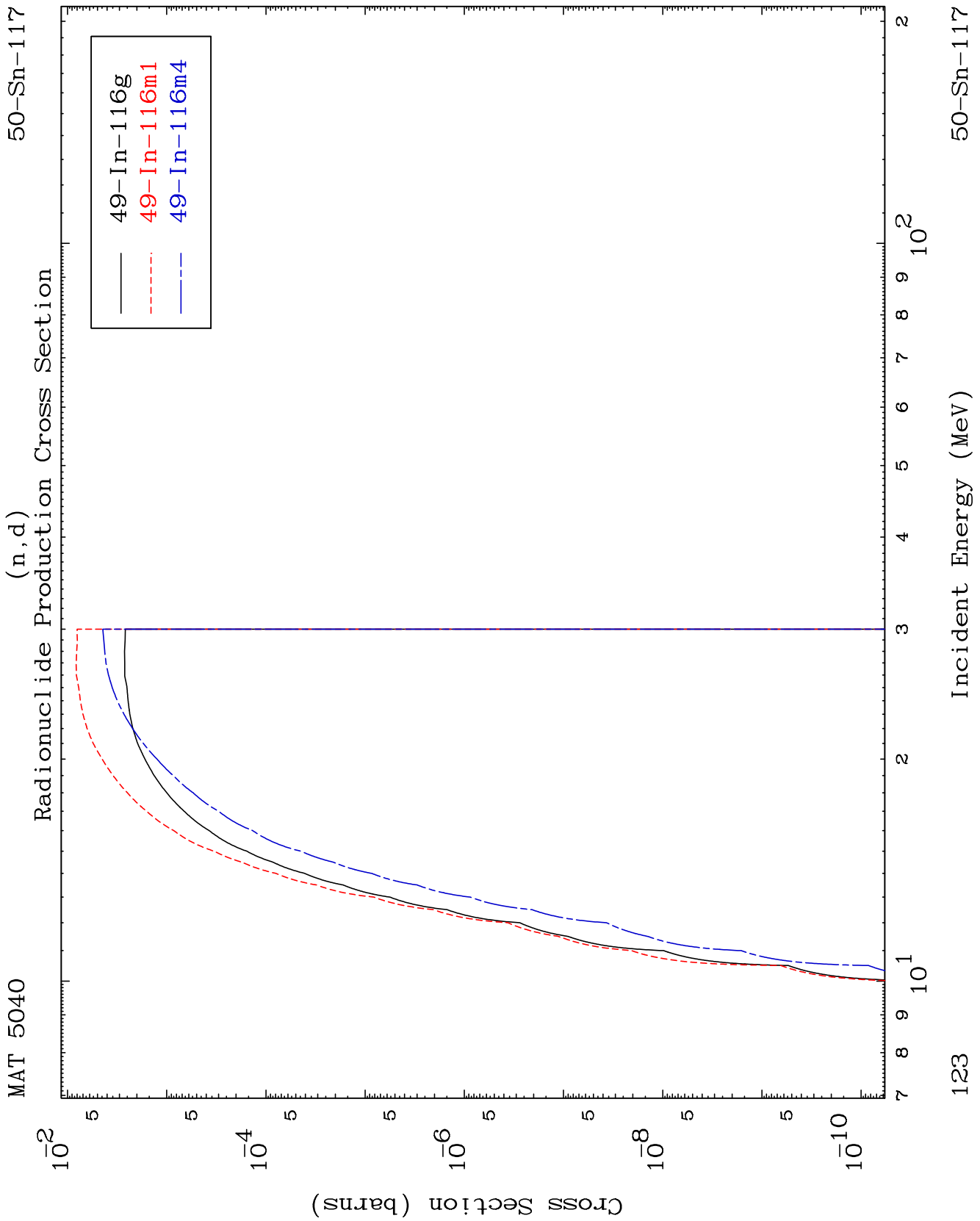
(n,p)  
Radionuclide Production Cross Section



122

50-Sn-117

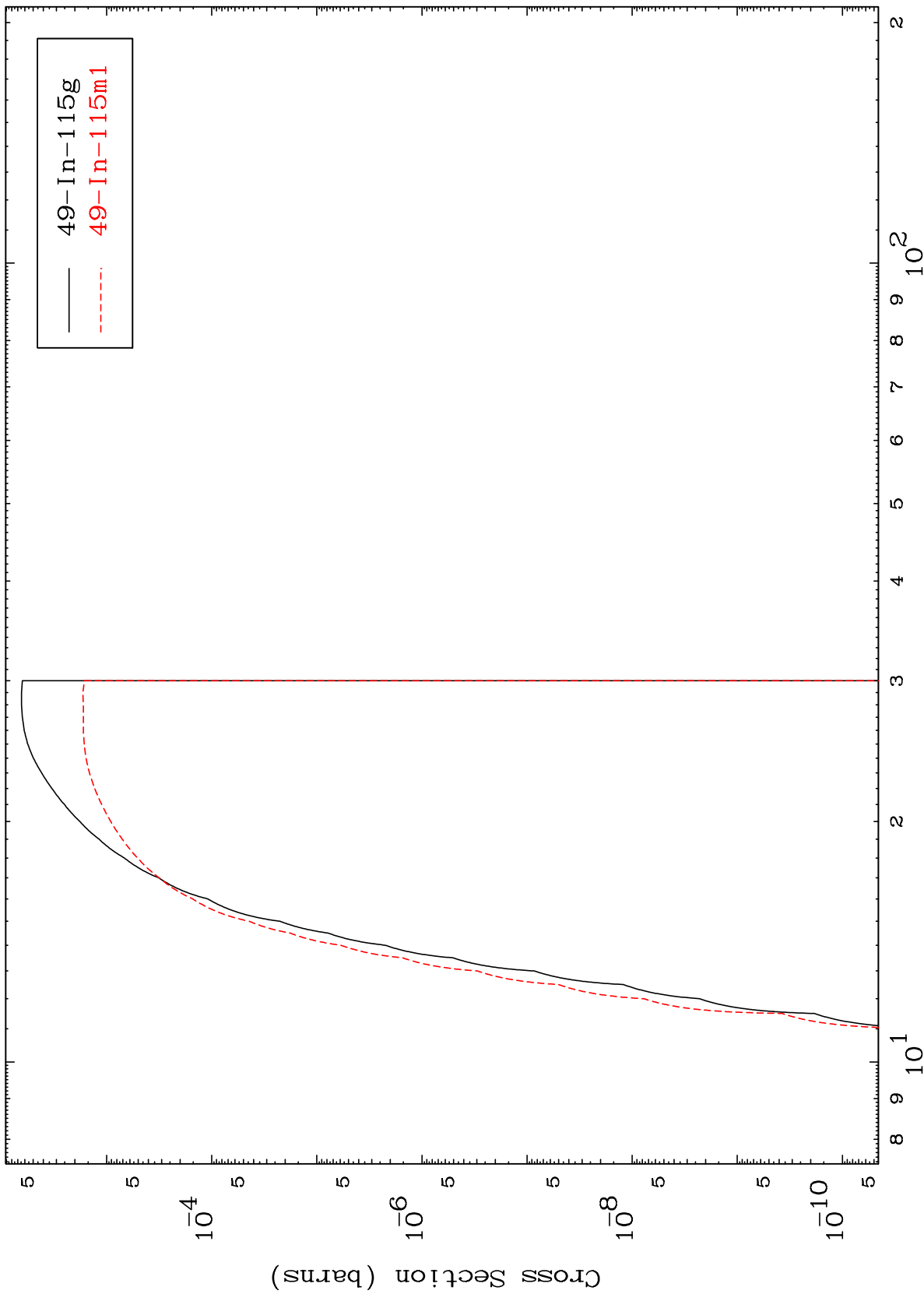
Incident Energy (MeV)



MAT 5040

50-Sn-117

(n,t)  
Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

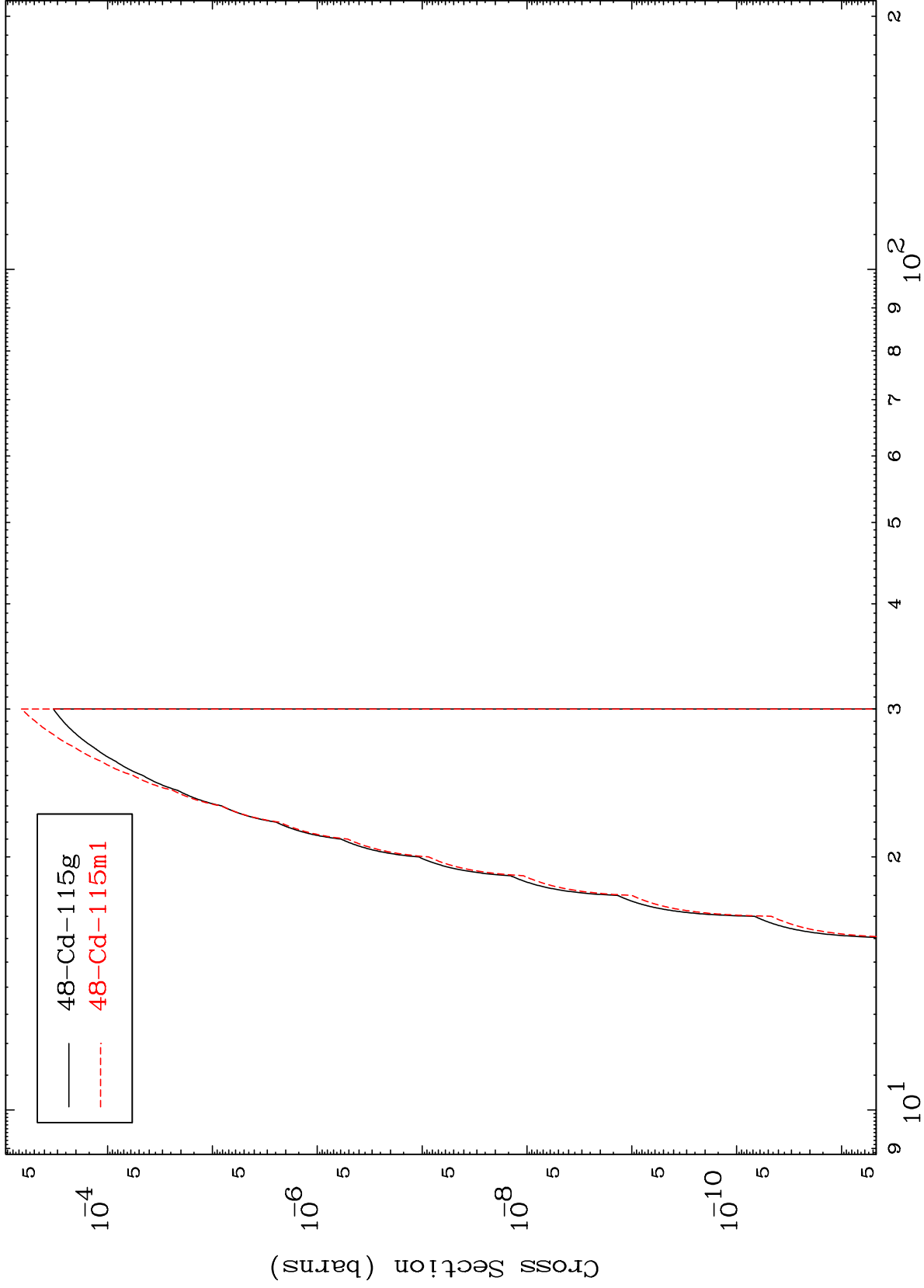
124

MAT 5040

(n,He-3)

50-Sn-117

Radionuclide Production Cross Section



125

Incident Energy (MeV)

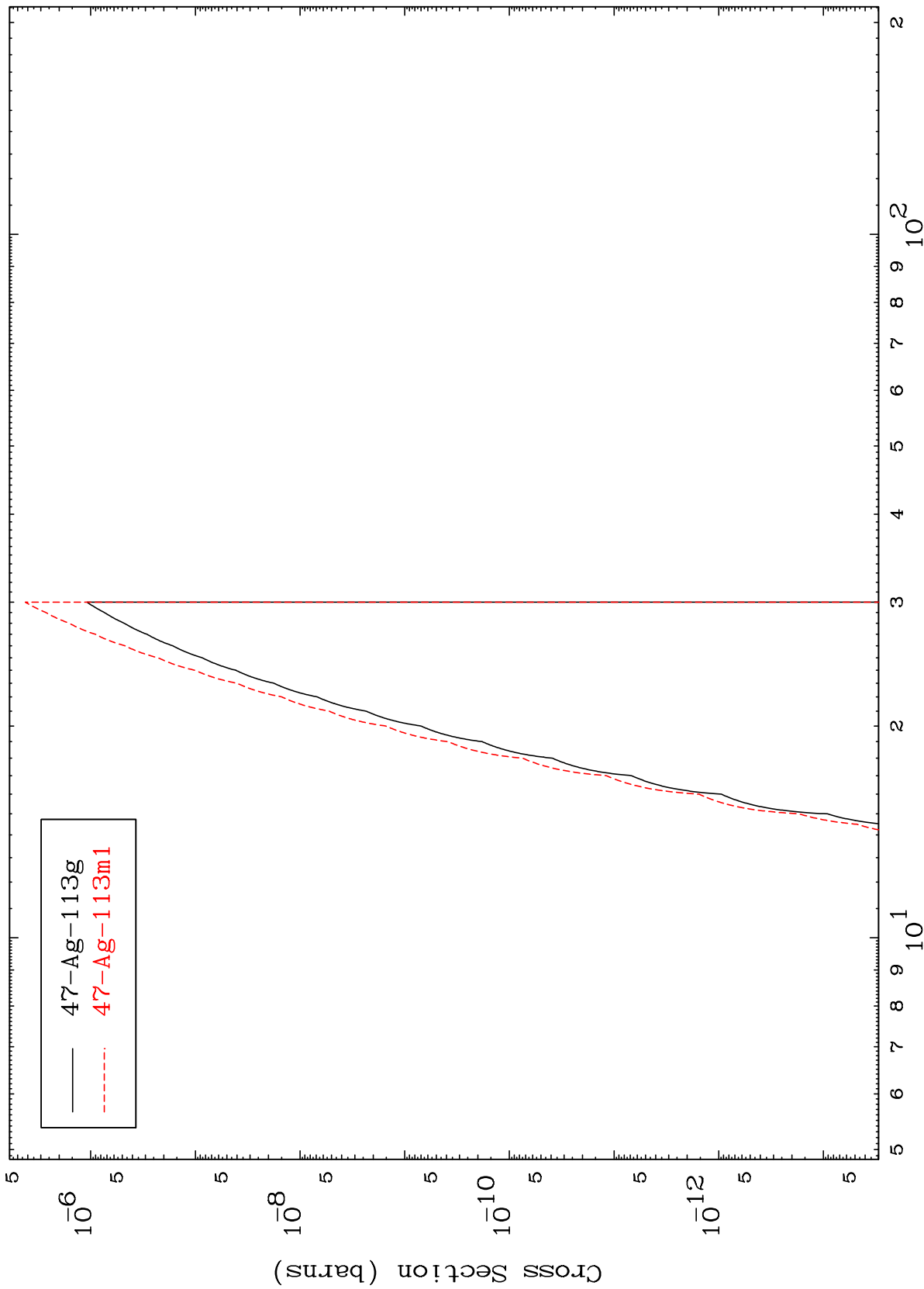
50-Sn-117

MAT 5040

(n,p)  $\alpha$

50-Sn-117

Radionuclide Production Cross Section



126

Incident Energy (MeV)

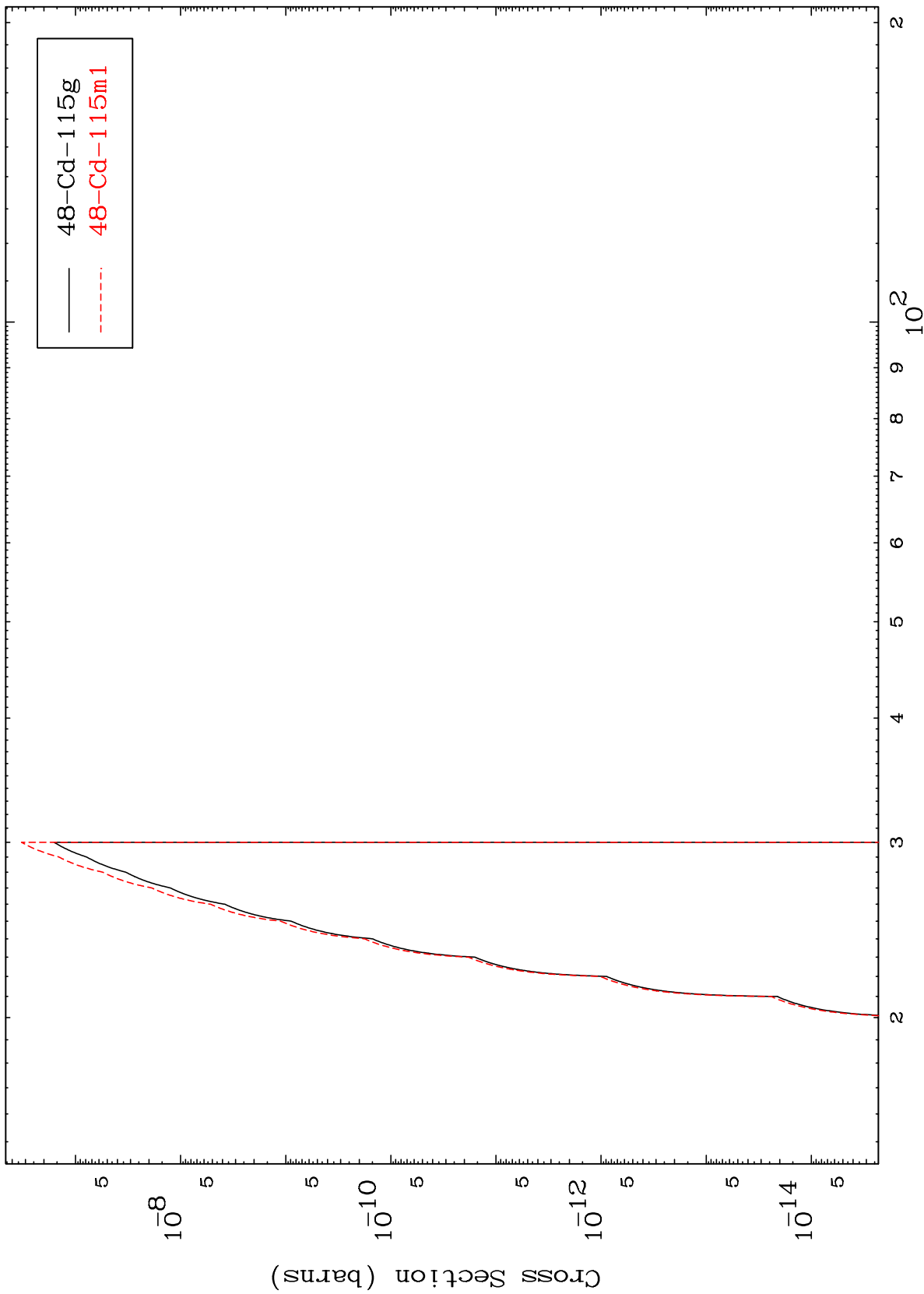
50-Sn-117

MAT 5040

(n,p) d

50-Sn-117

Radionuclide Production Cross Section



127

Incident Energy (MeV)

50-Sn-117