

Program EVALPLOT  
(Version 2018-1)

by

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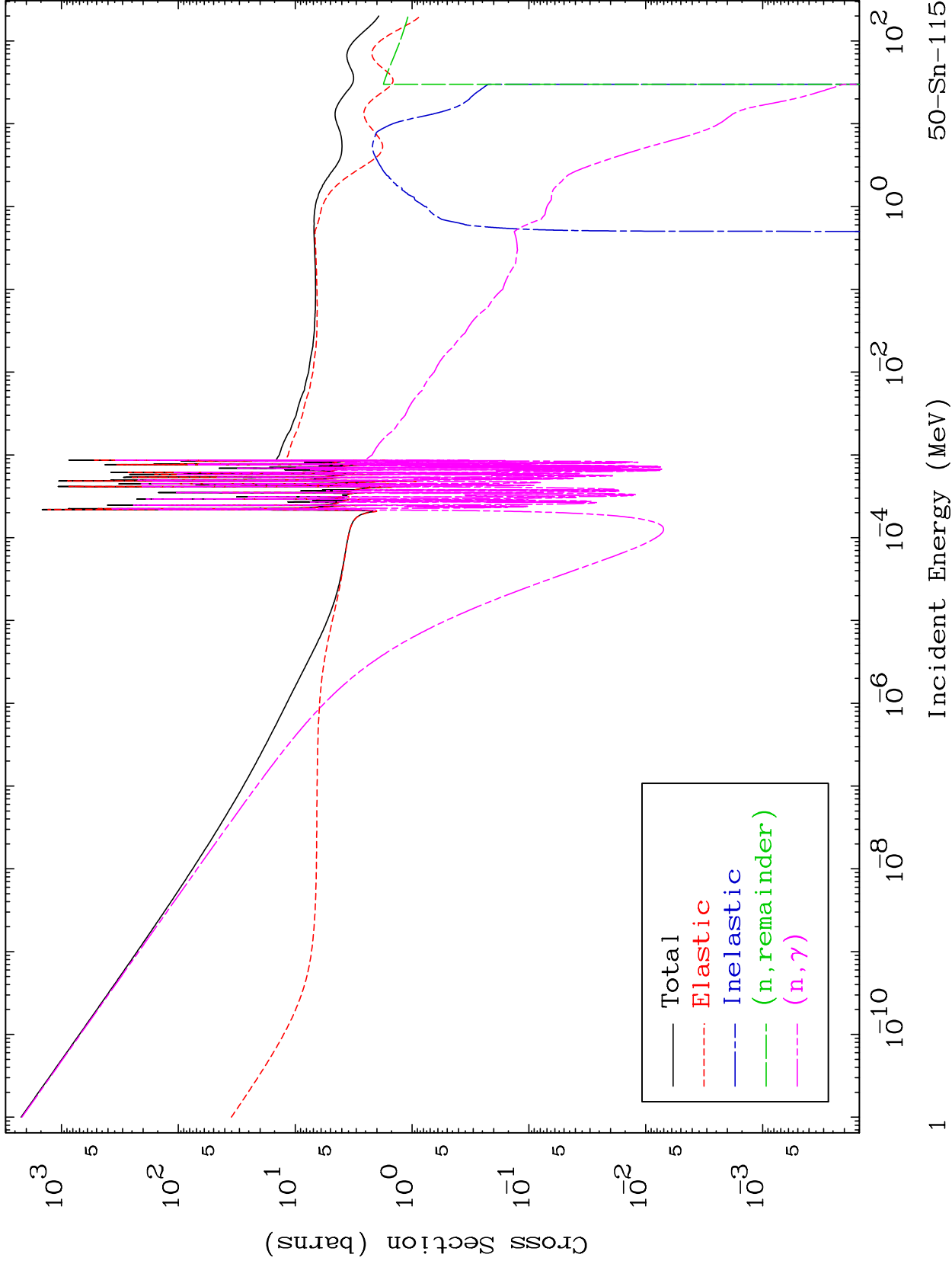
Press Mouse Button to Start

MAT 5034

Major

293 Kelvin Cross Sections

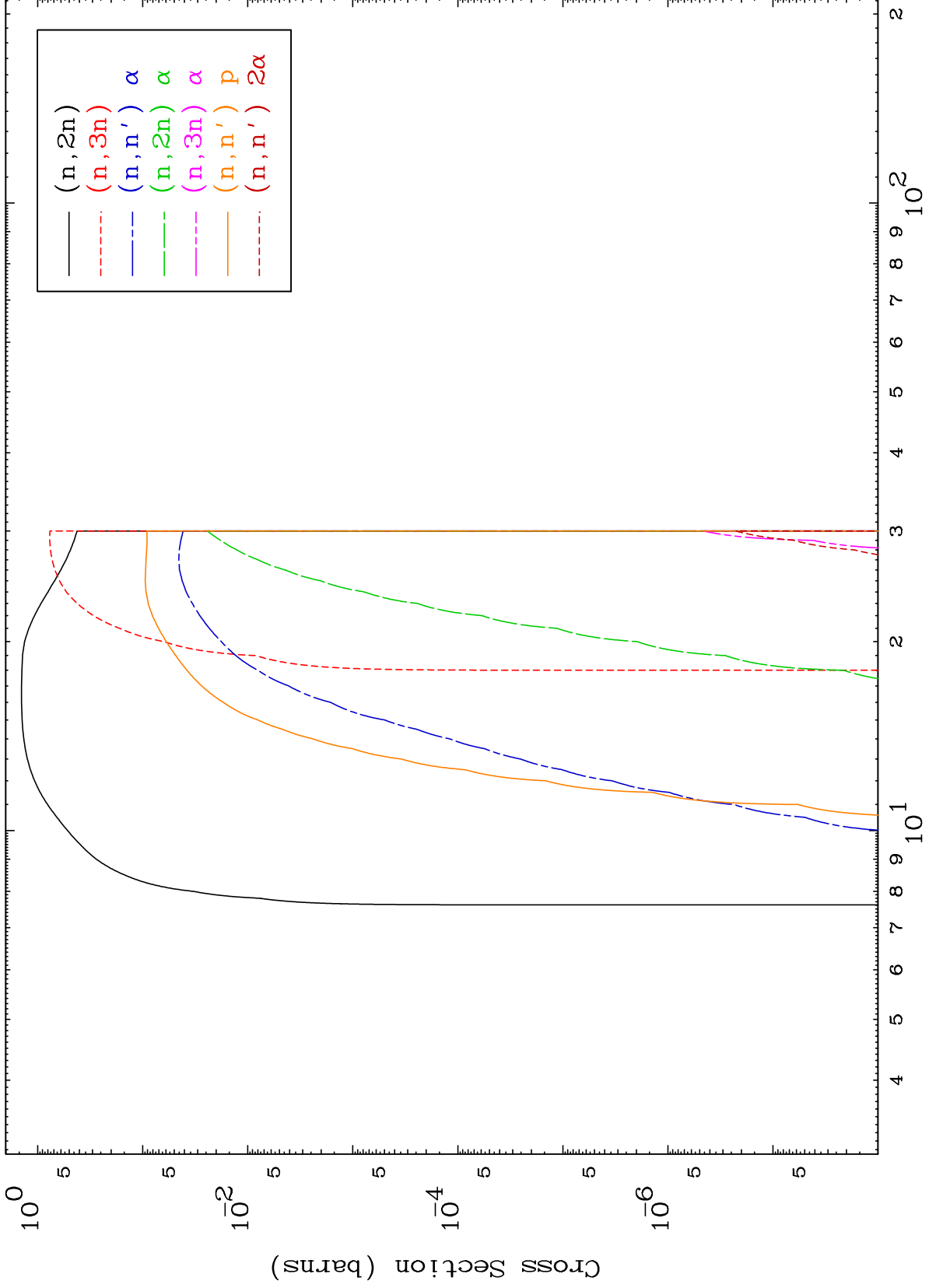
50-Sn-115



MAT 5034

Neutron Production  
293 Kelvin Cross Sections

50-Sn-115

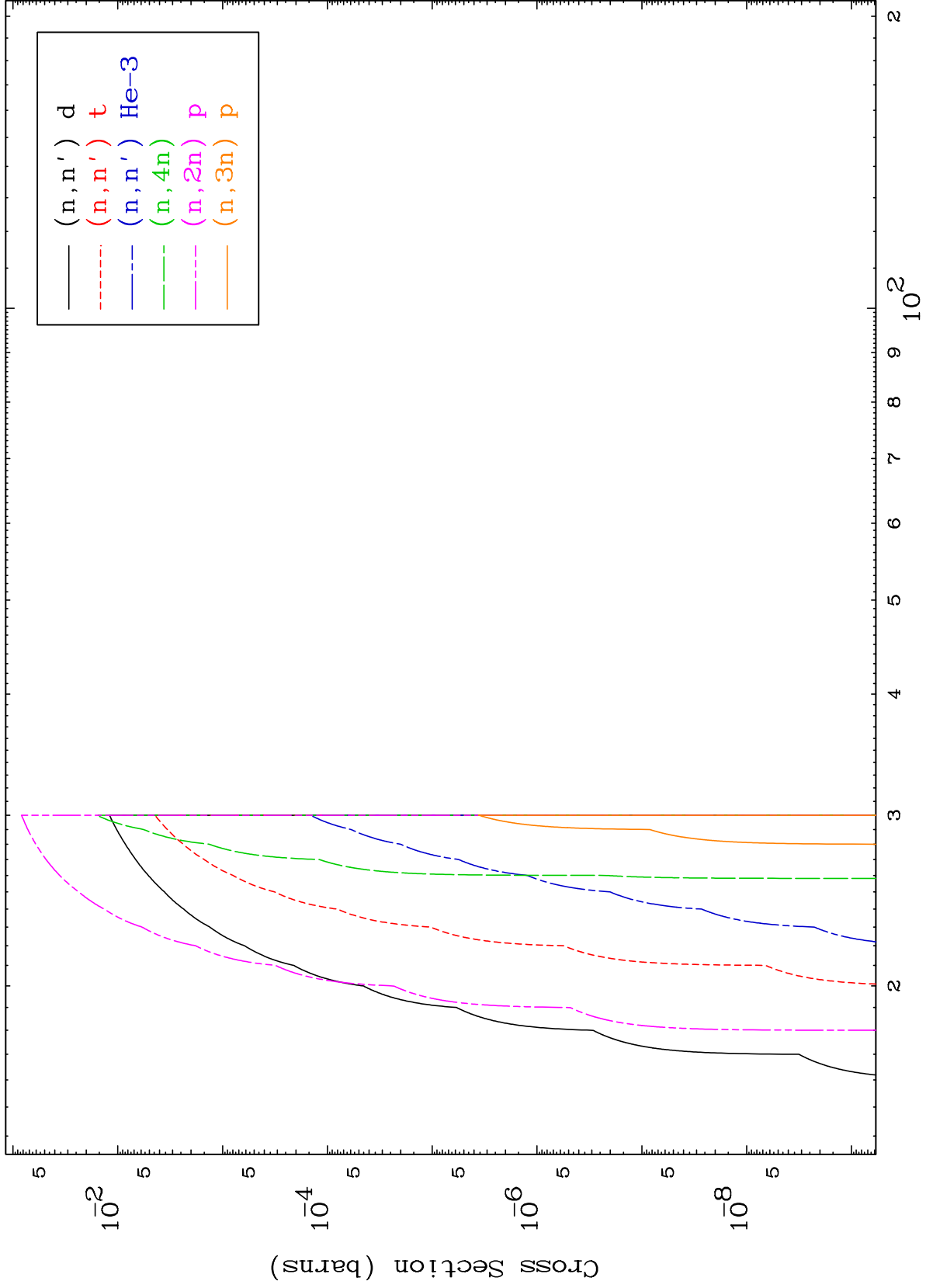


50-Sn-115

MAT 5034

Neutron Production  
293 Kelvin Cross Sections

50-Sn-115



3

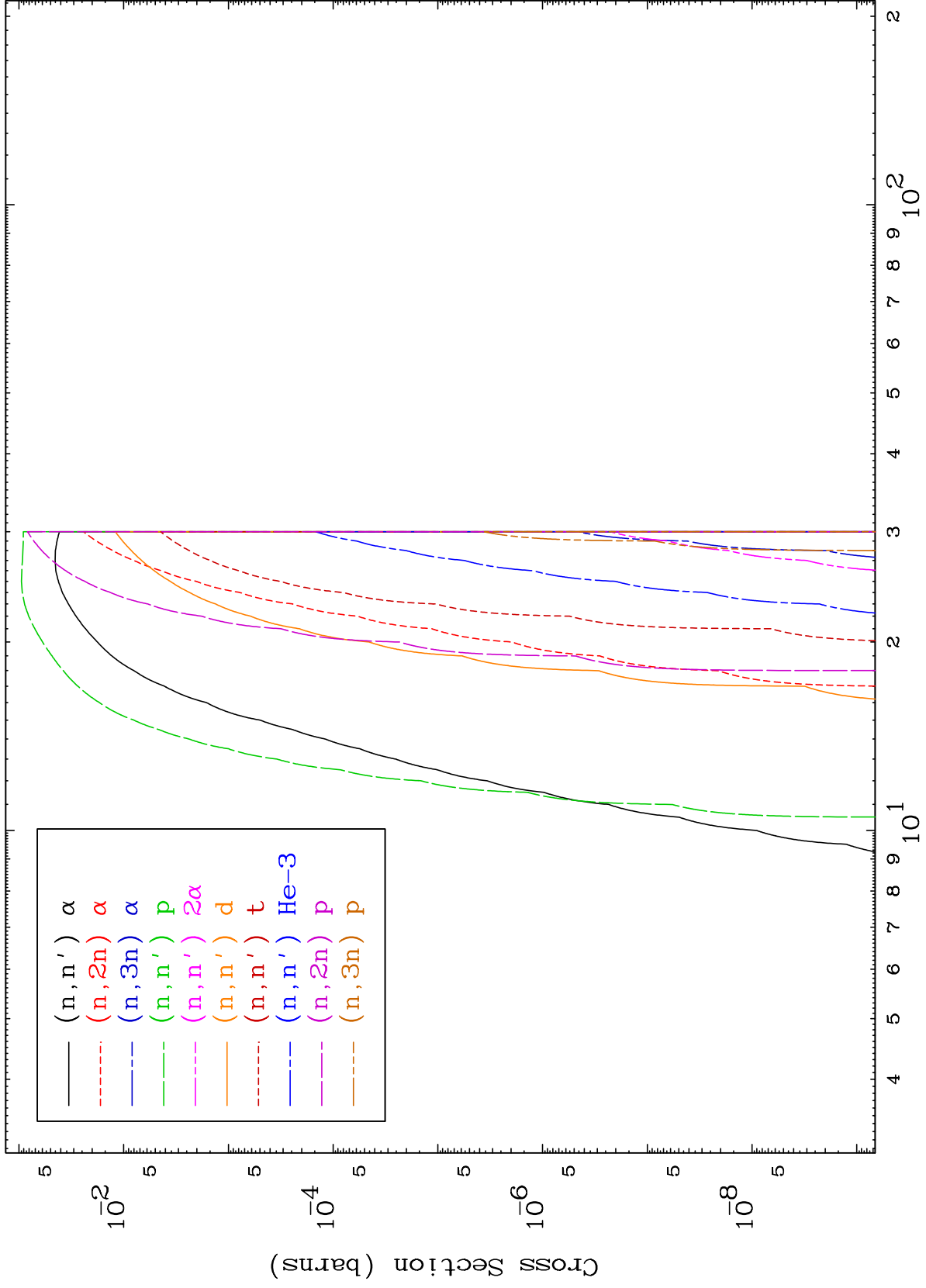
Incident Energy (MeV)

50-Sn-115

MAT 5034

Charged Particle  
293 Kelvin Cross Sections

50-Sn-115



4

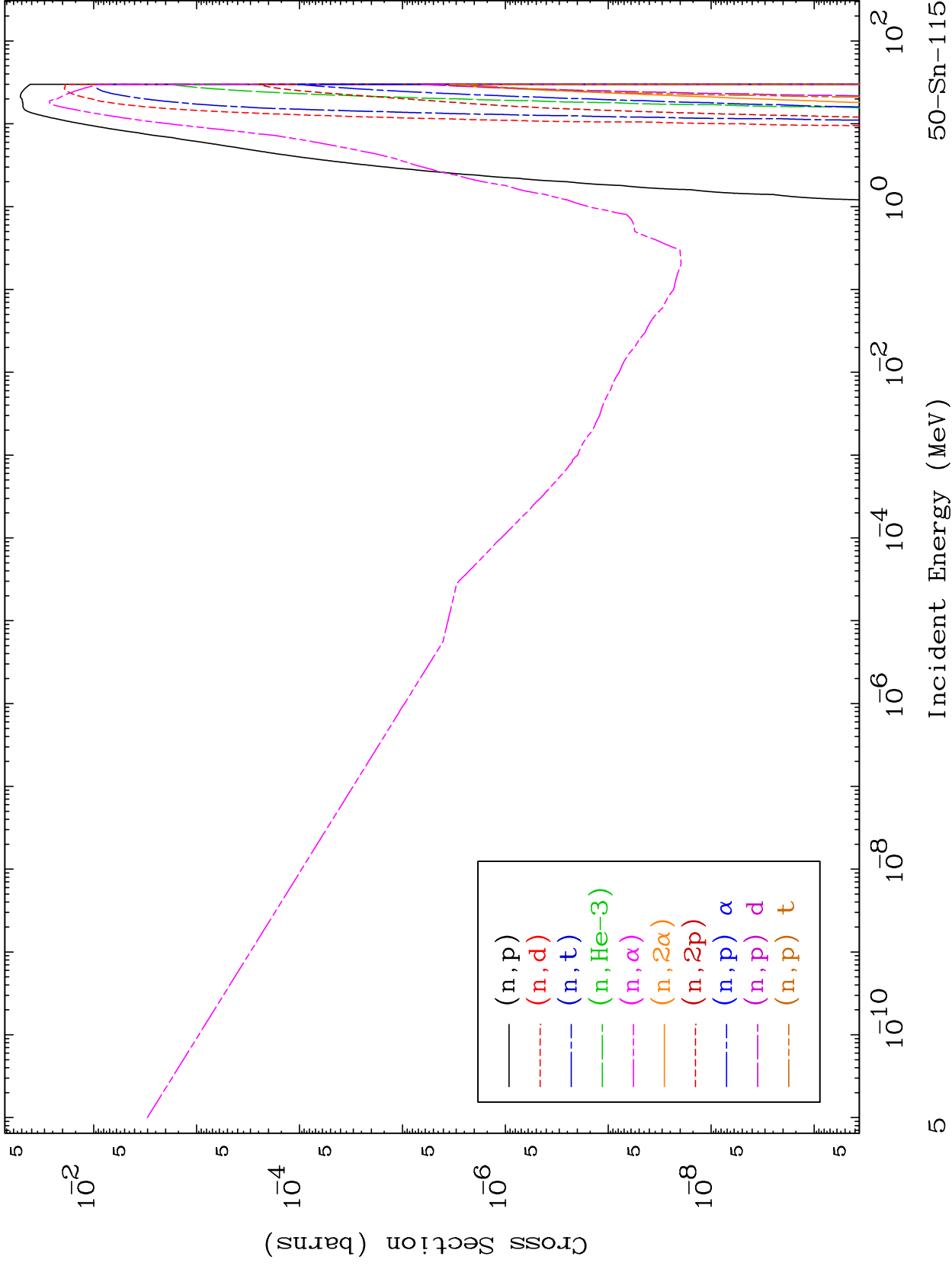
Incident Energy (MeV)

50-Sn-115

MAT 5034

Charged Particle  
293 Kelvin Cross Sections

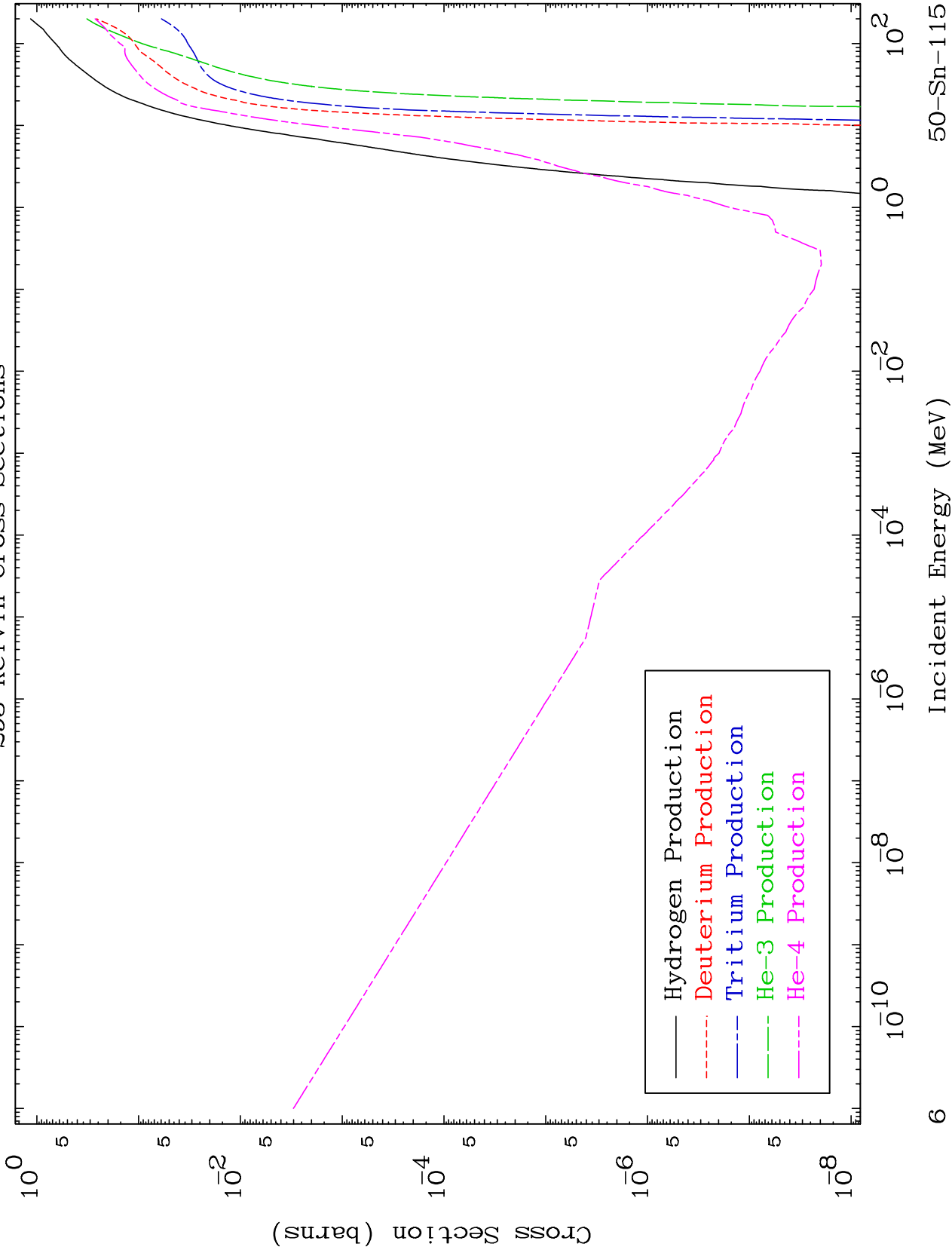
50-Sn-115



MAT 5034

Particle Production  
293 Kelvin Cross Sections

50-Sn-115

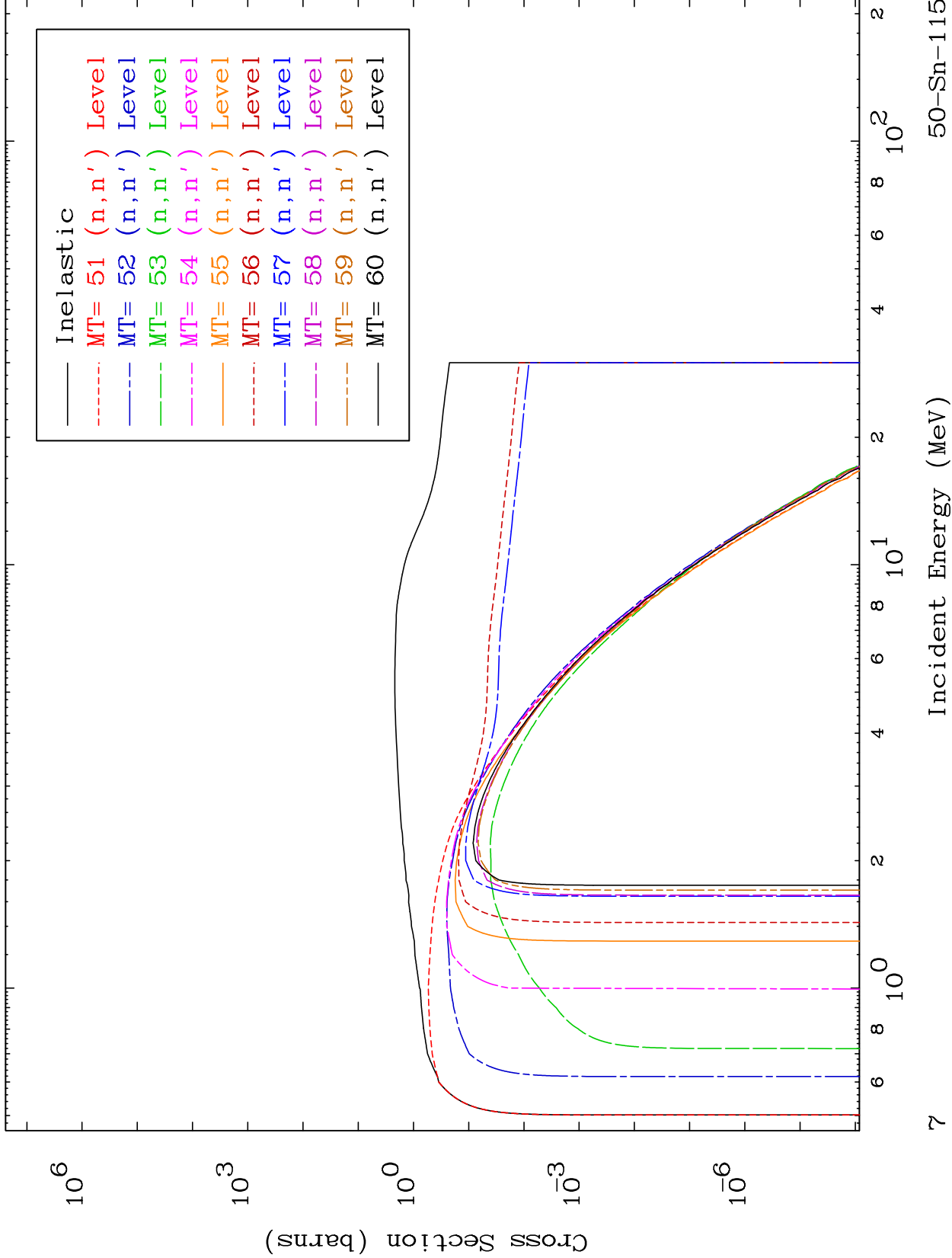


MAT 5034

(n,n') Level

50-Sn-115

293 Kelvin Cross Sections



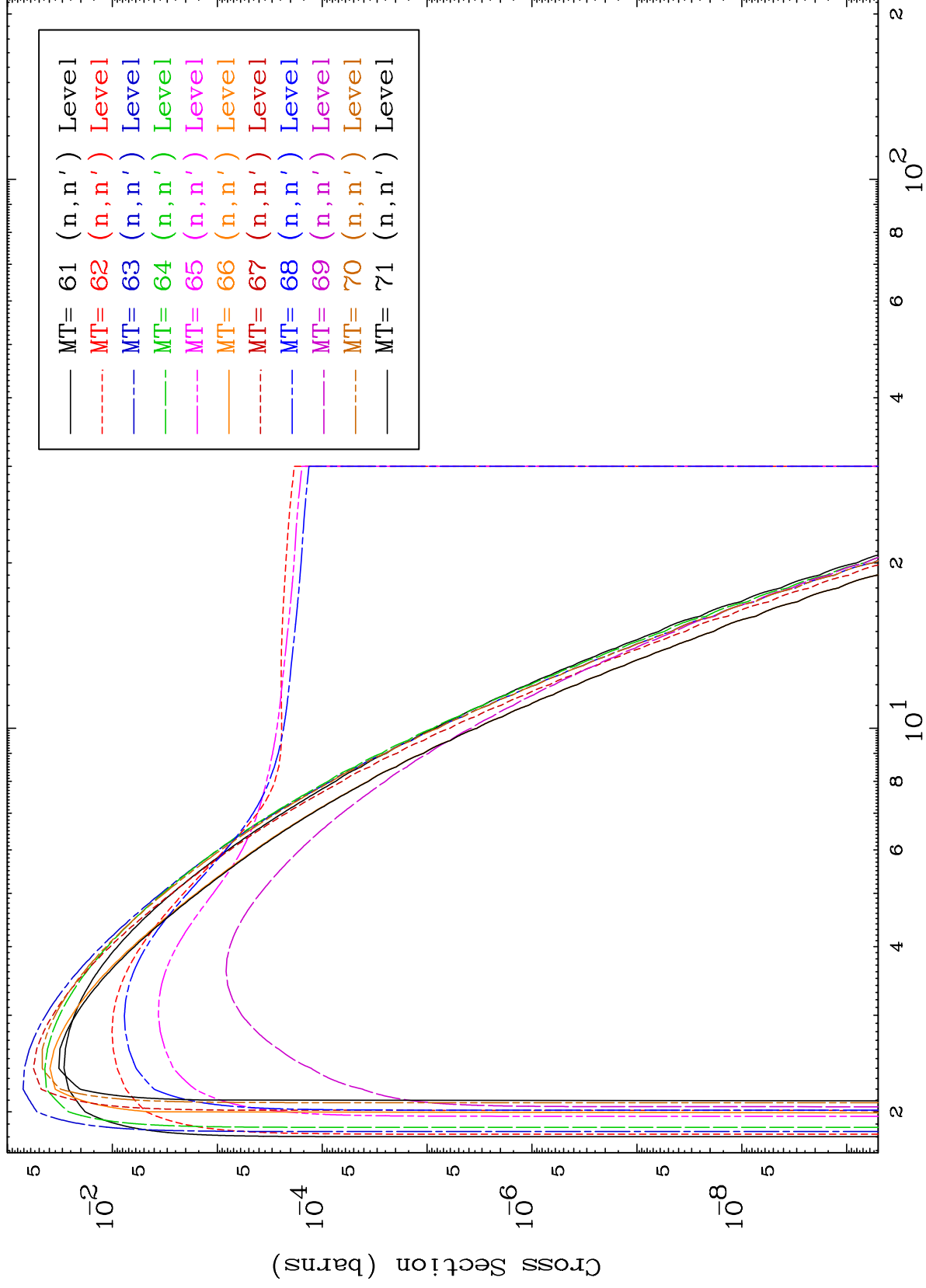


MAT 5034

(n,n') Level

50-Sn-115

293 Kelvin Cross Sections



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Incident Energy (MeV)

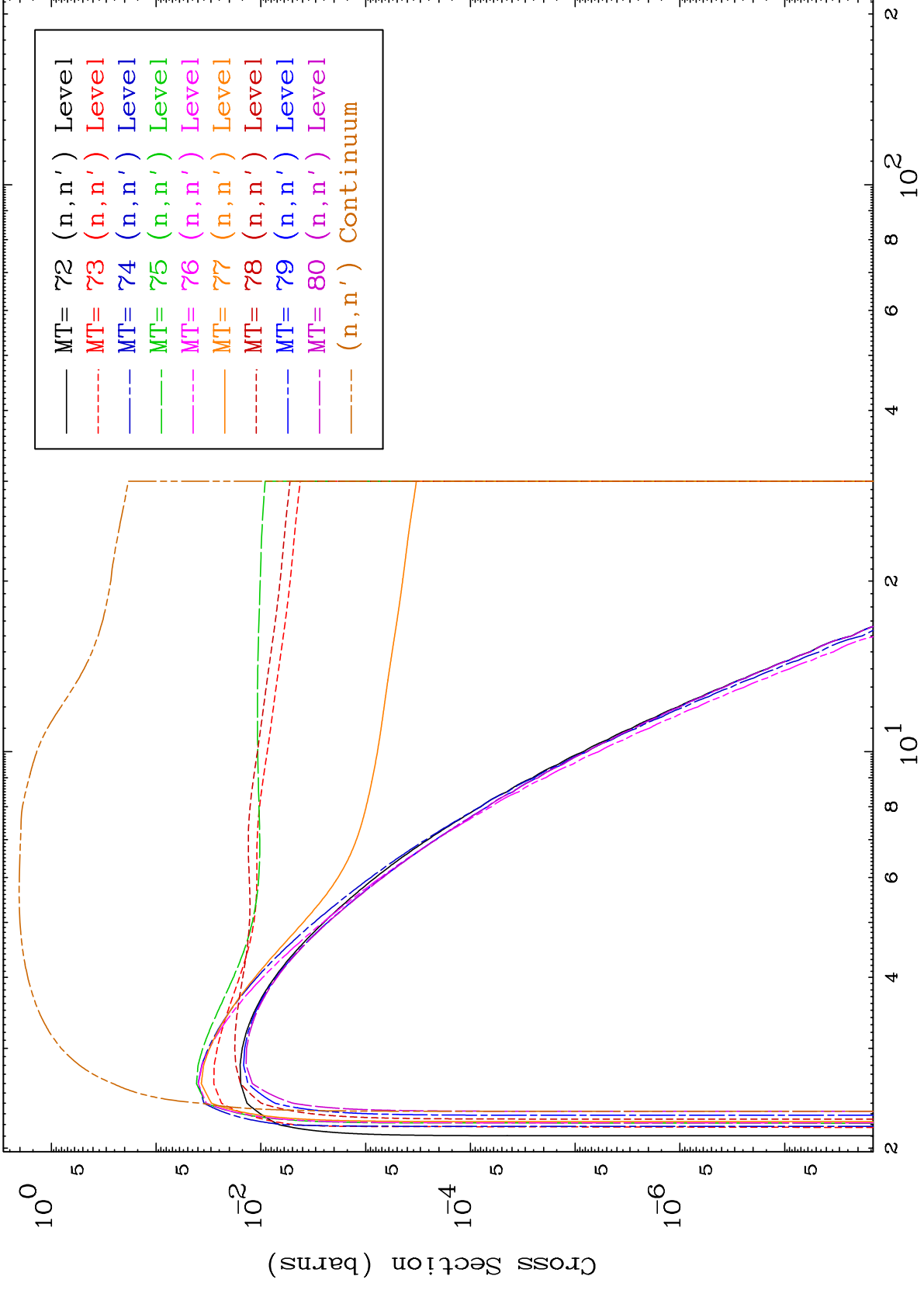
50-Sn-115

MAT 5034

(n,n') Level

50-Sn-115

293 Kelvin Cross Sections



9

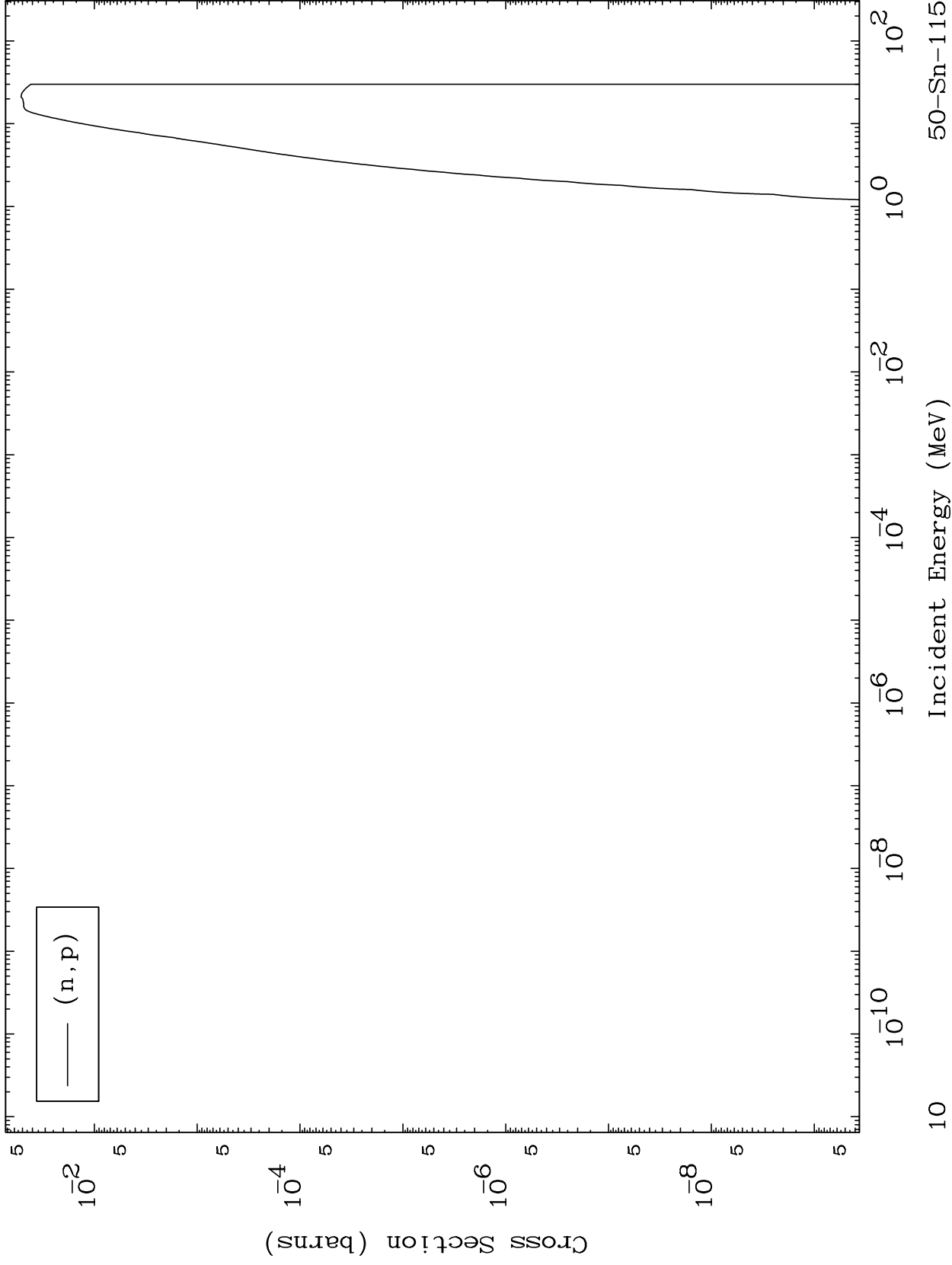
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,p) Levels  
293 Kelvin Cross Sections

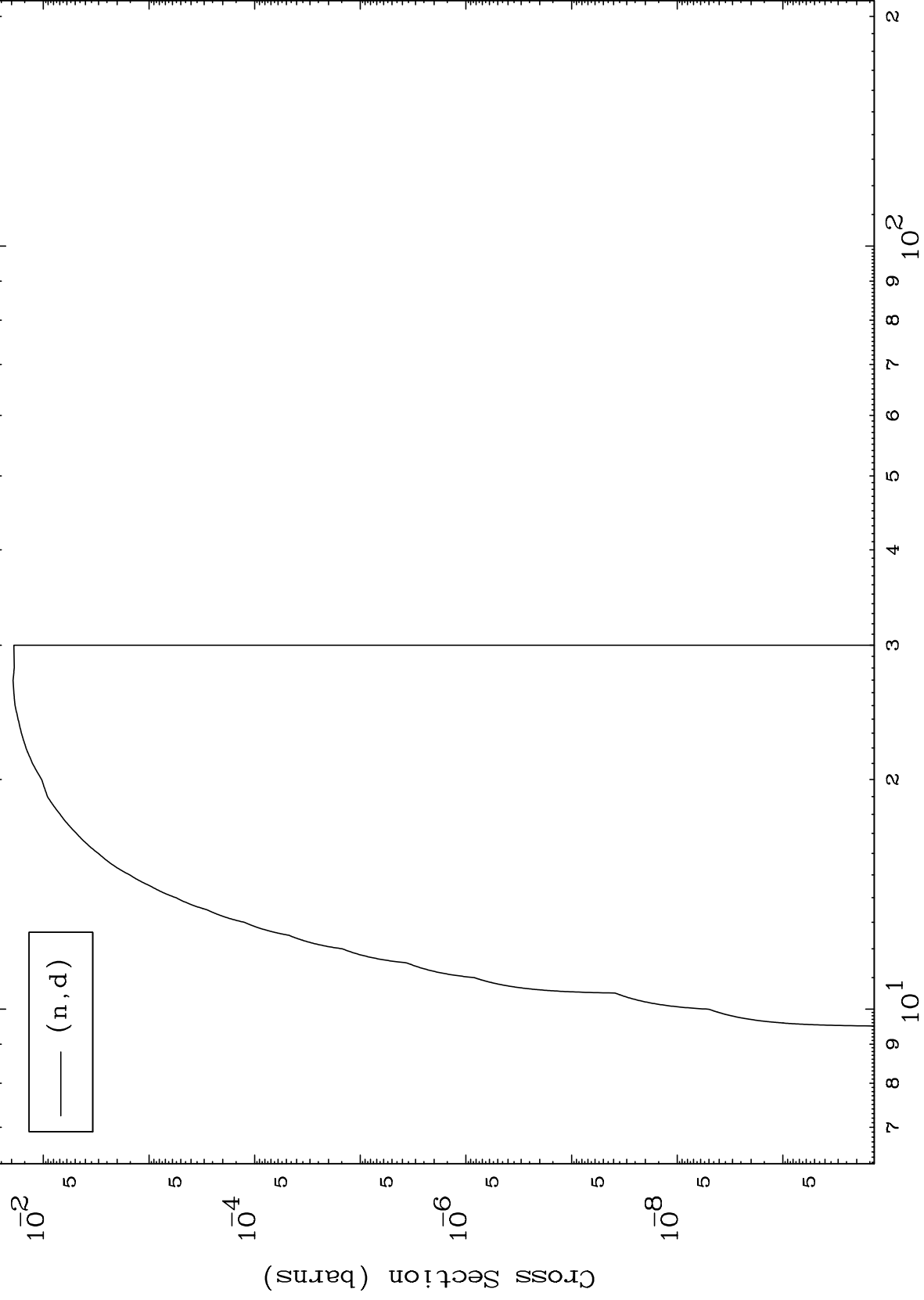
50-Sn-115



MAT 5034

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-115



11

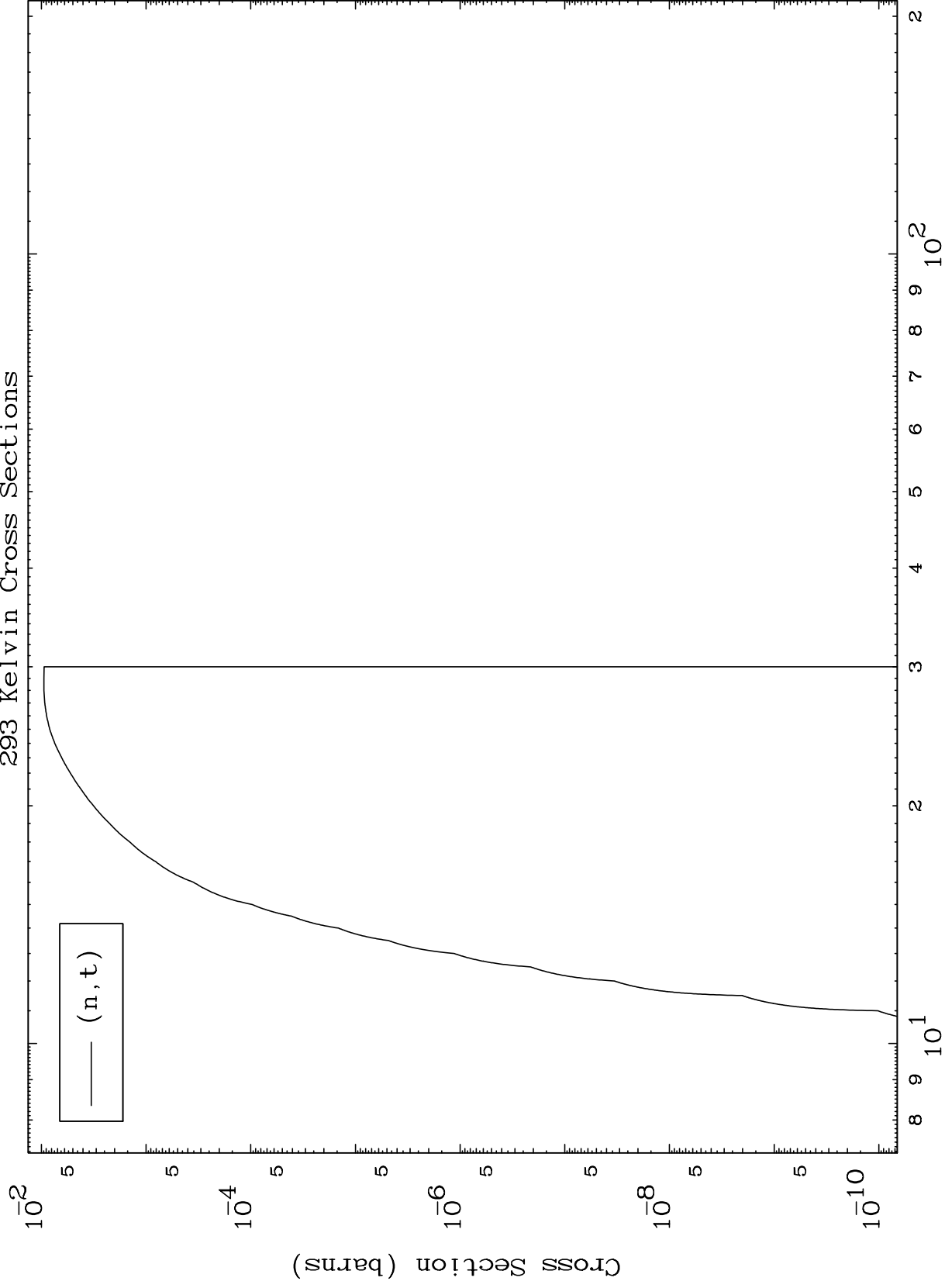
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-115



12

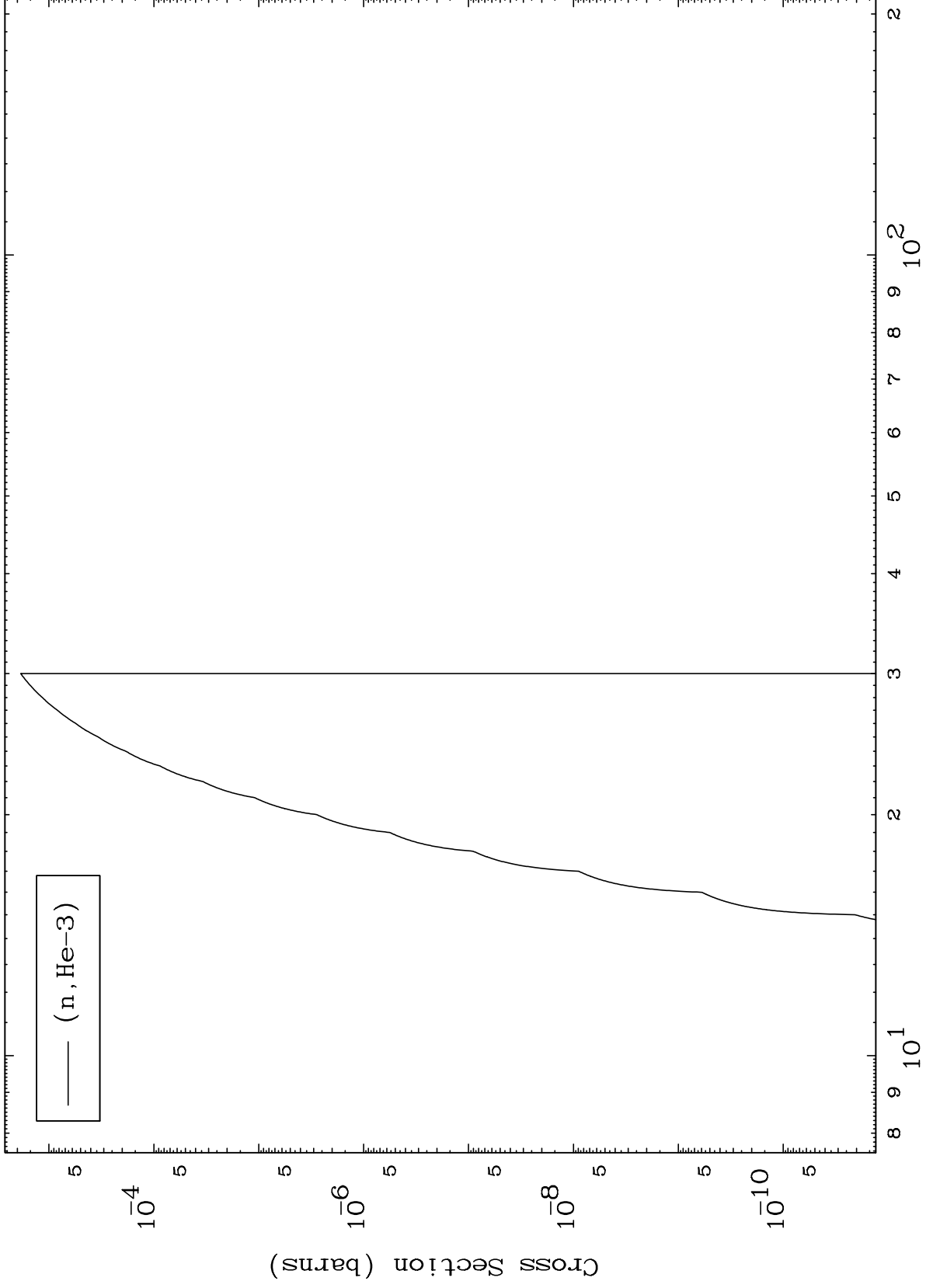
Incident Energy (MeV)

50-Sn-115

MAT 5034

(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-115



13

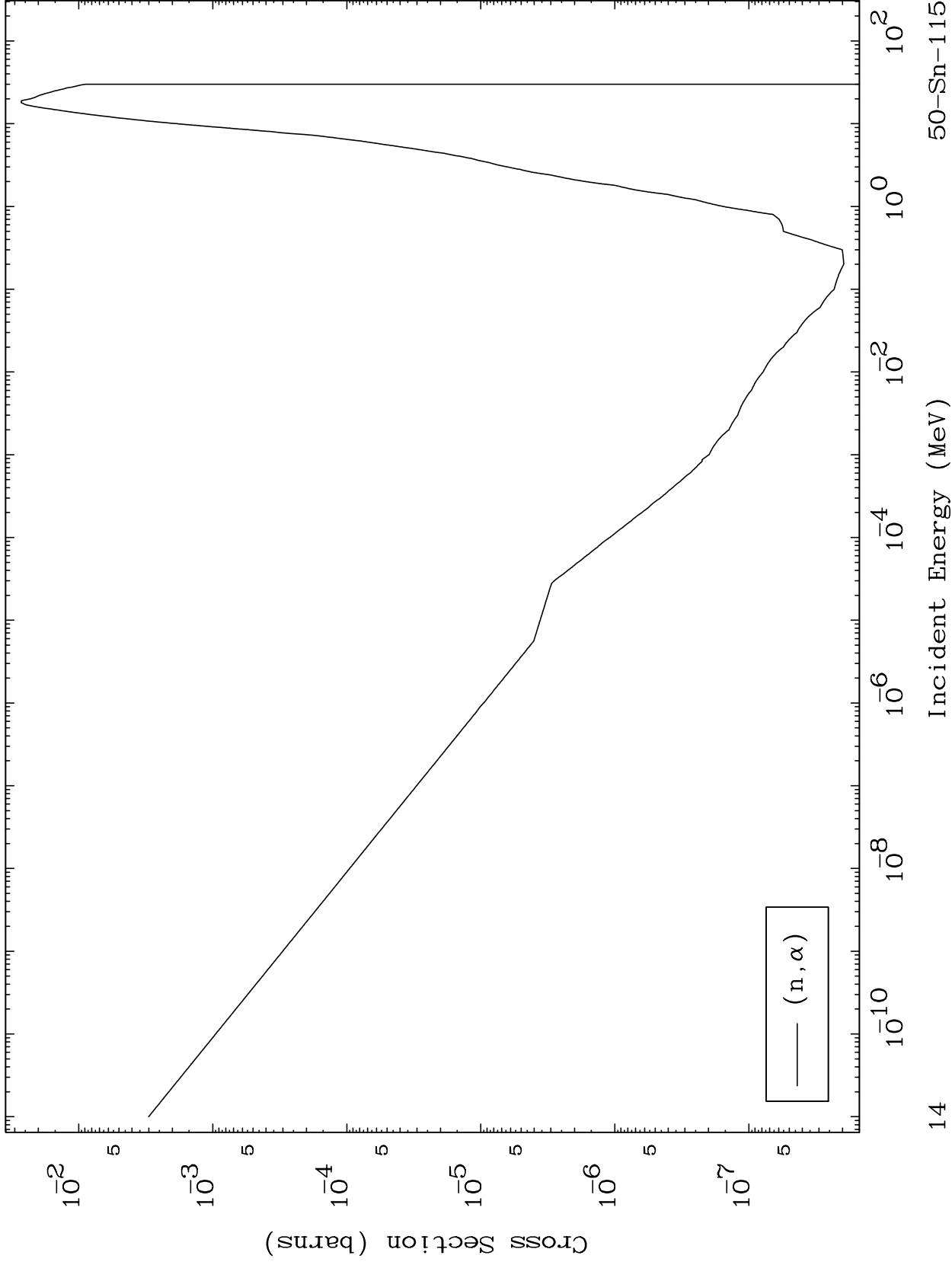
Incident Energy (MeV)

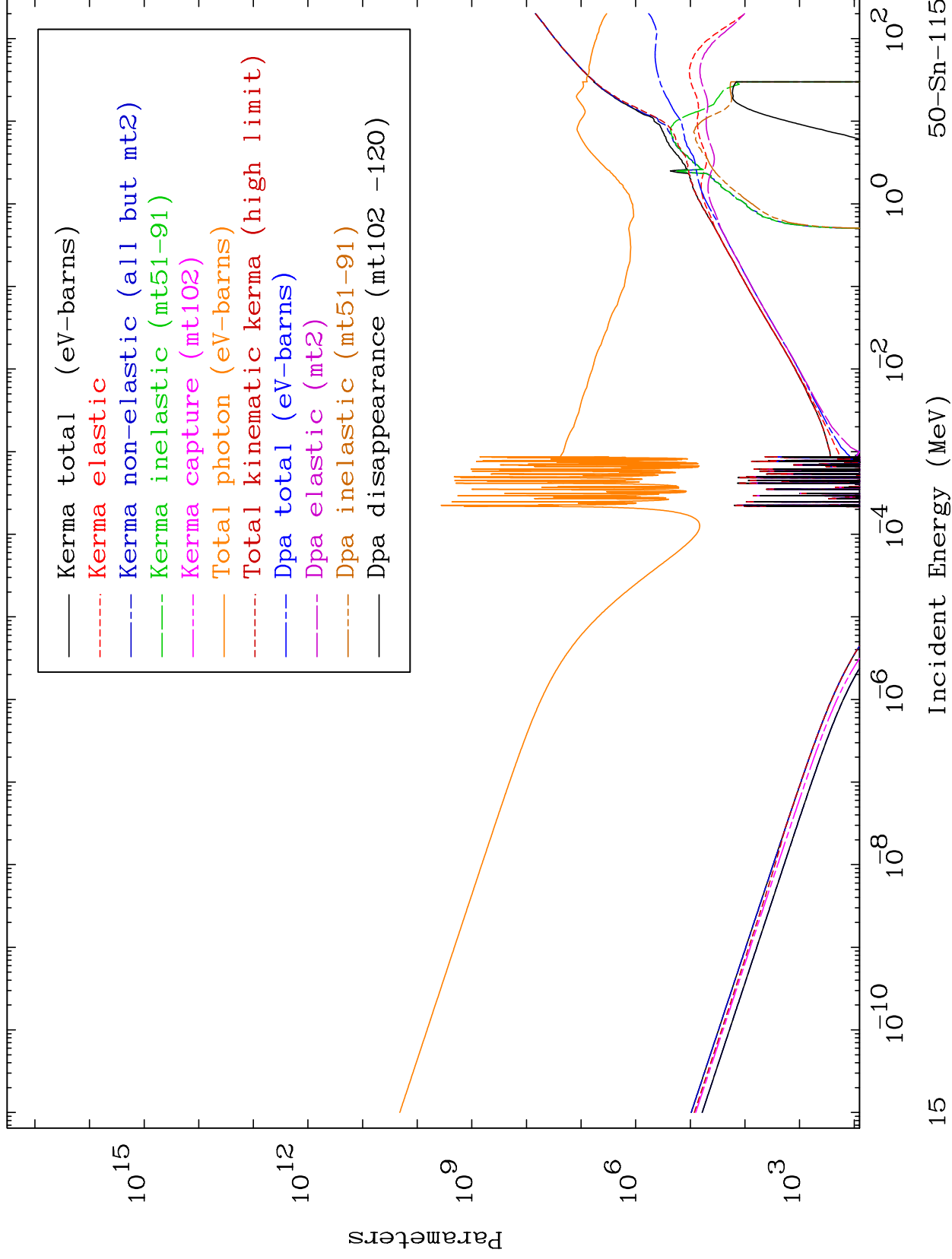
50-Sn-115

MAT 5034

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

50-Sn-115



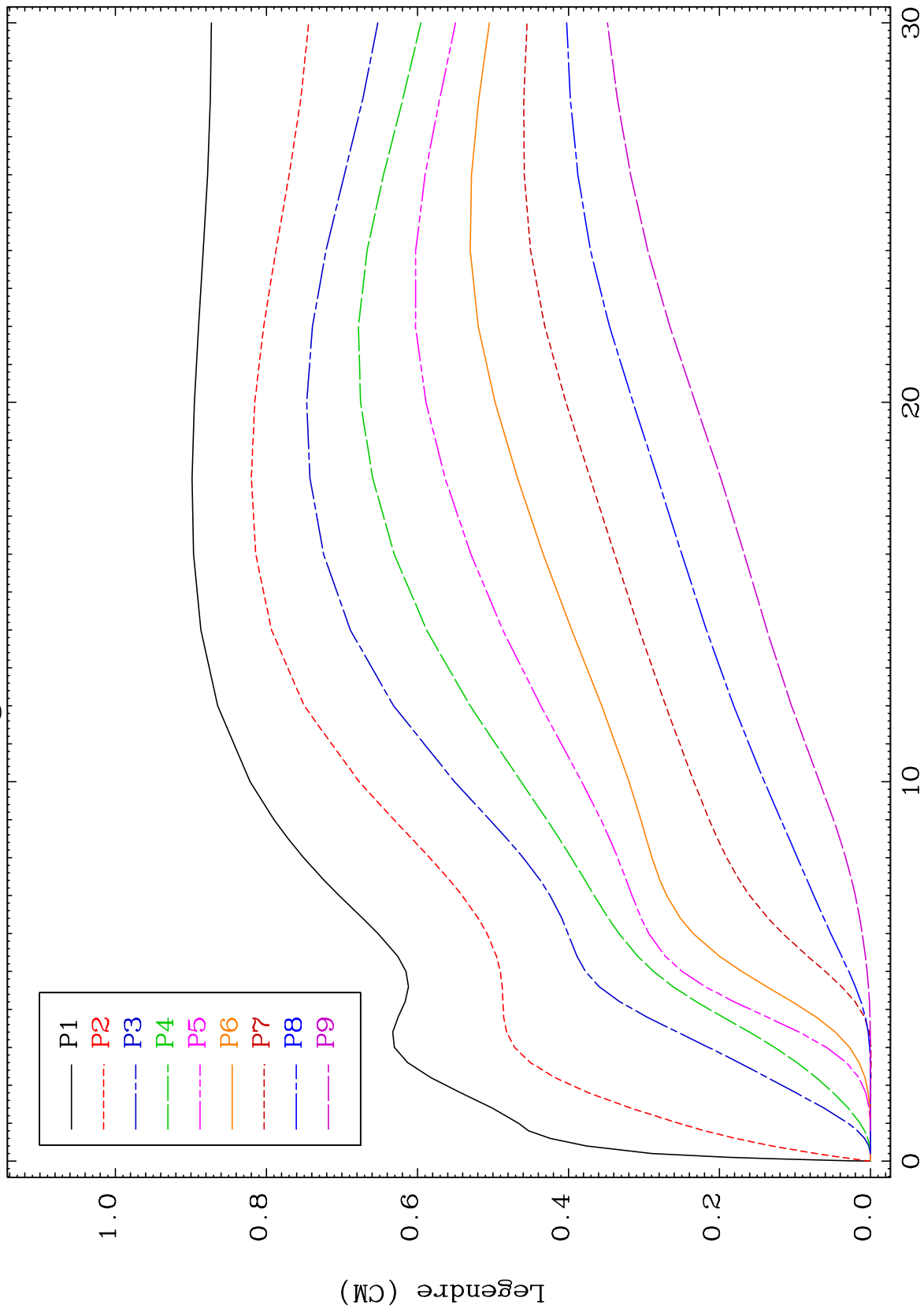




MAT 5034

Elastic Legendre Coefficients

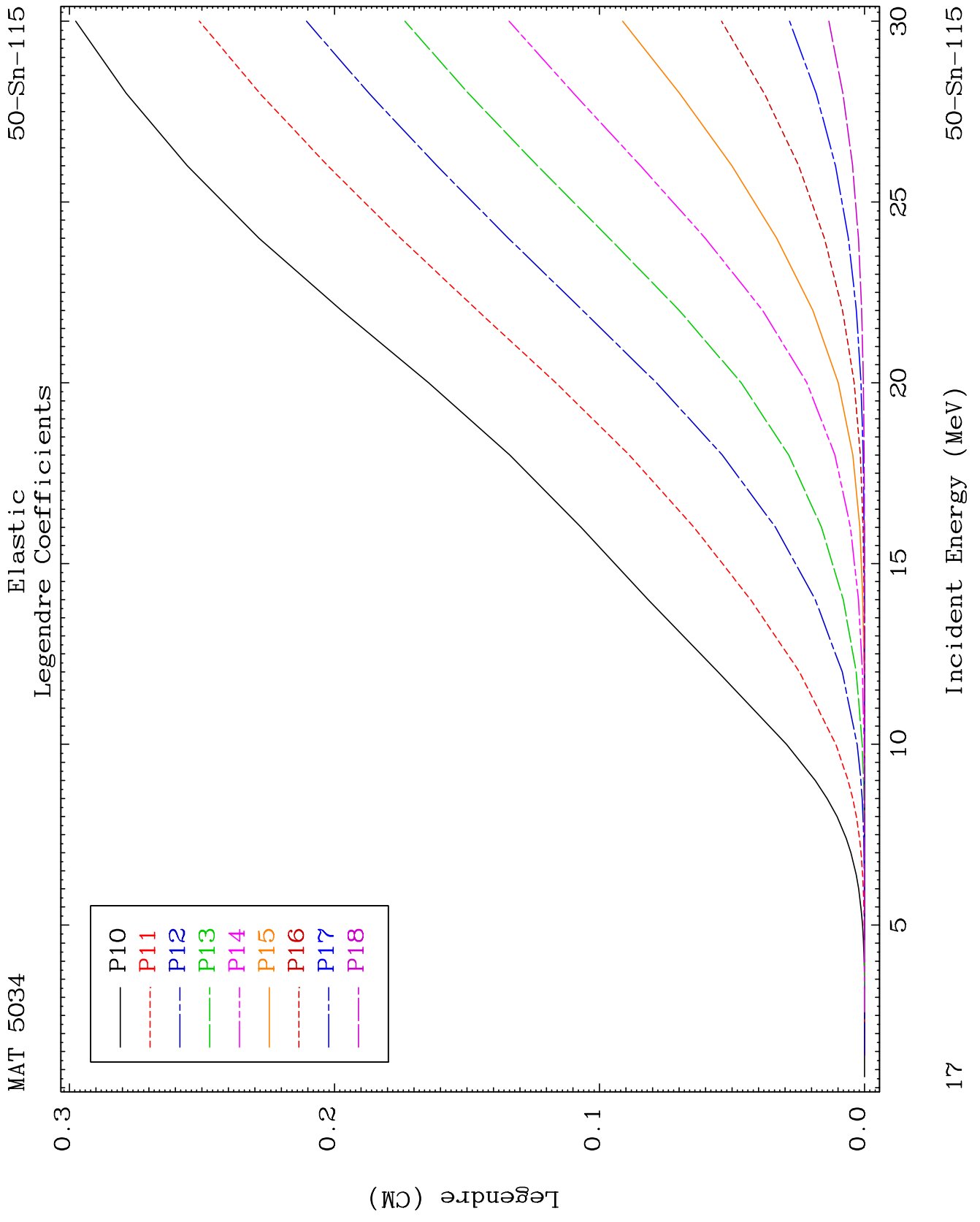
50-Sn-115



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Incident Energy (MeV)

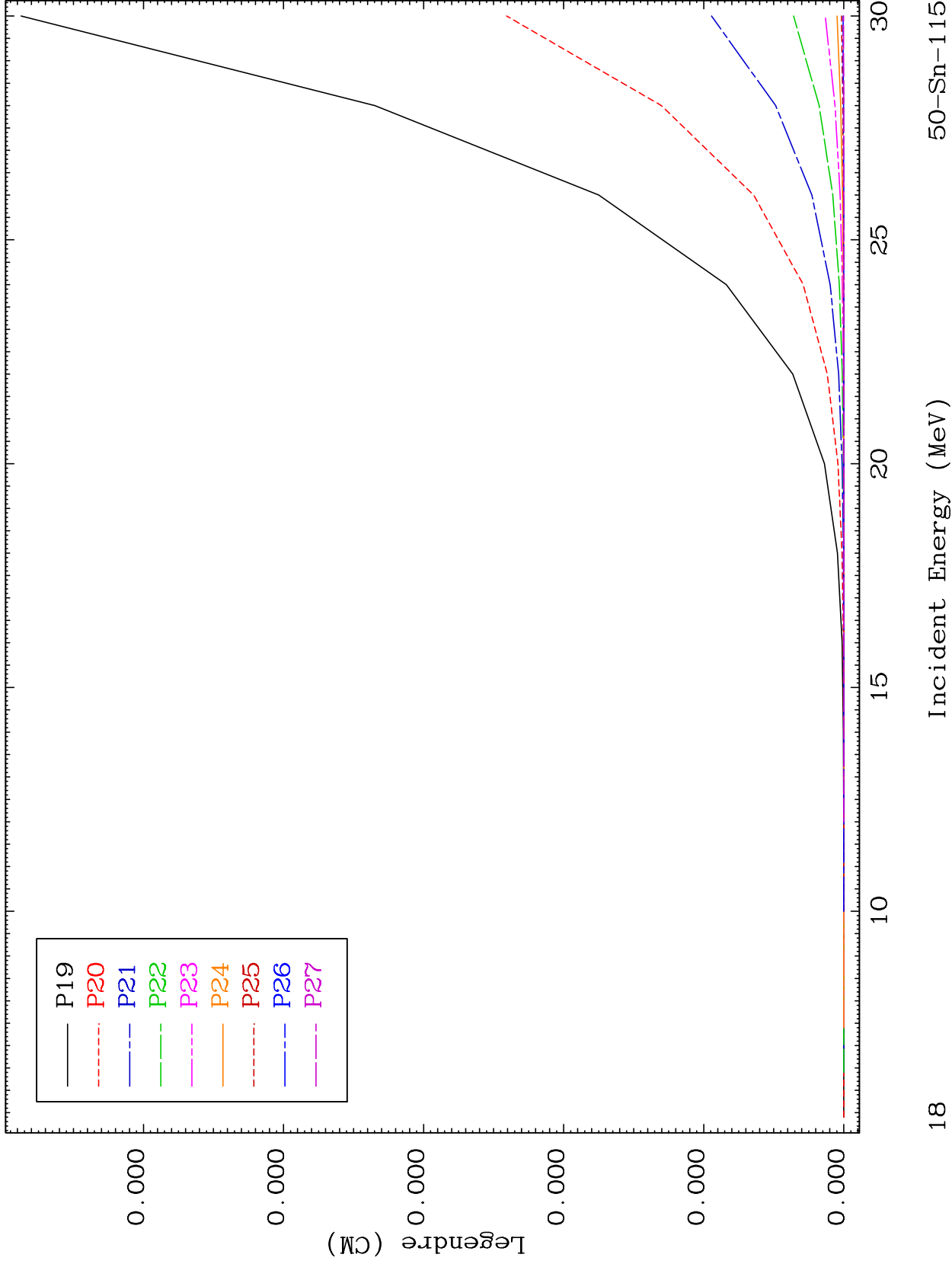
50-Sn-115



MAT 5034

### Elastic Legendre Coefficients

50-Sn-115

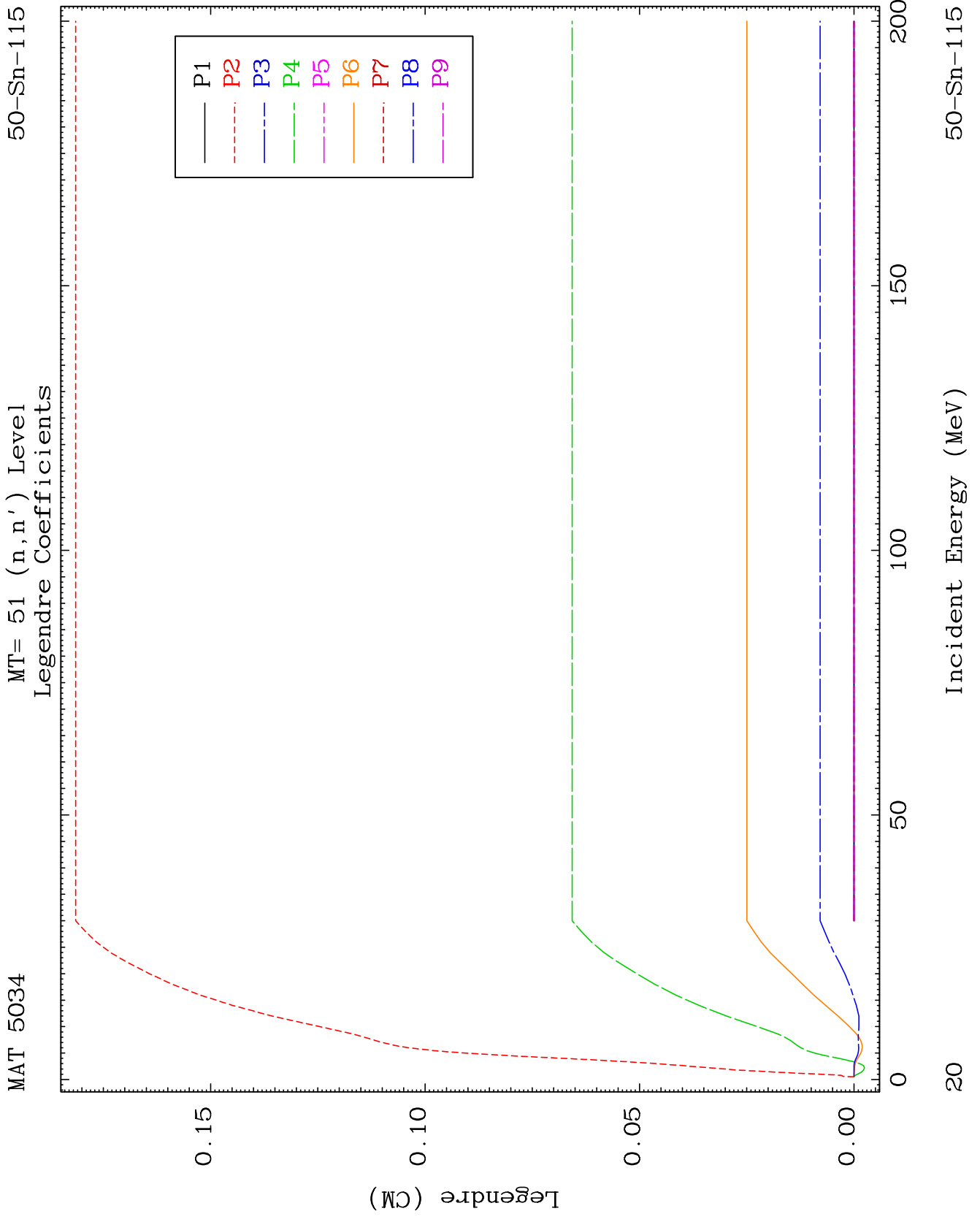


18

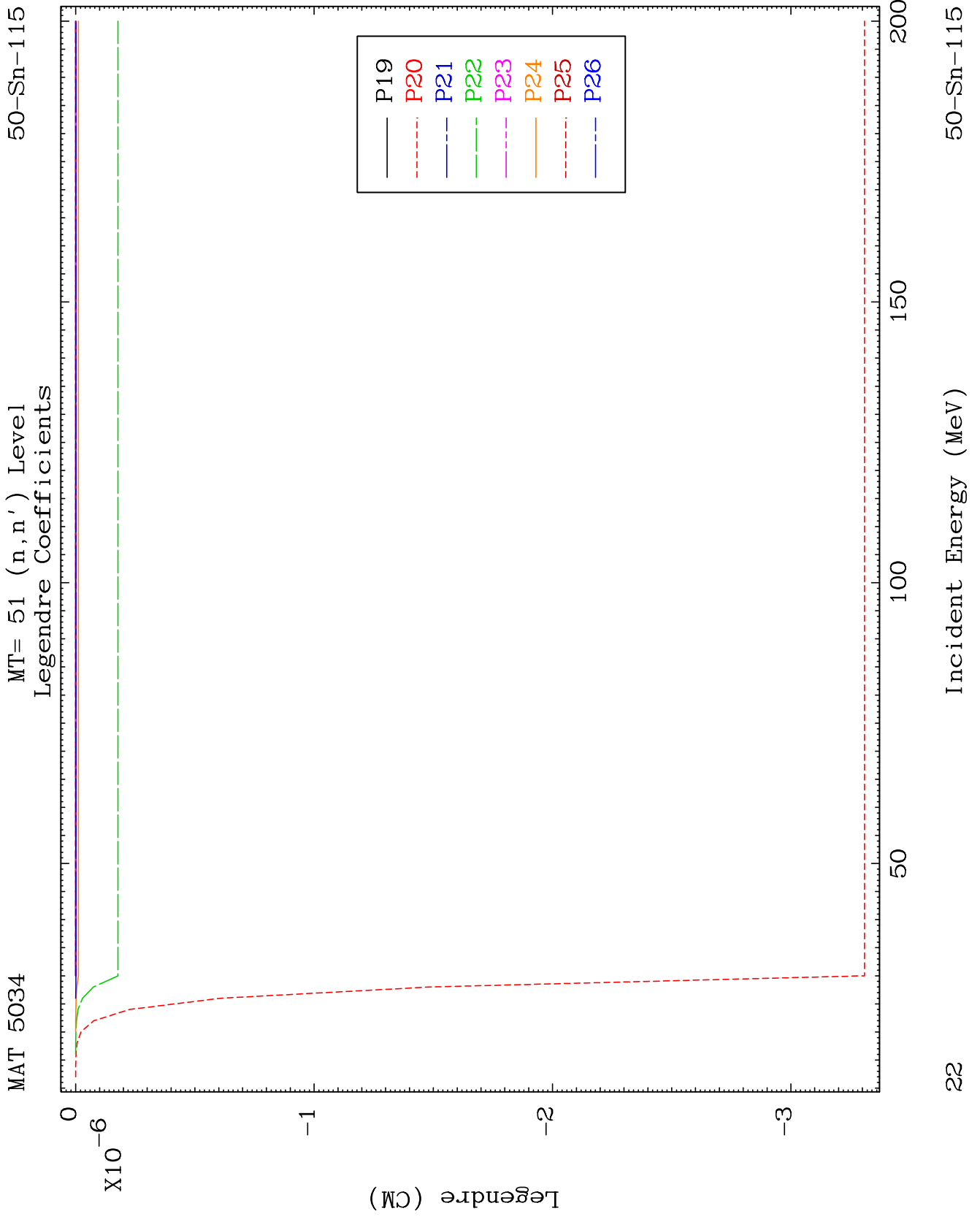
Incident Energy (MeV)

50-Sn-115



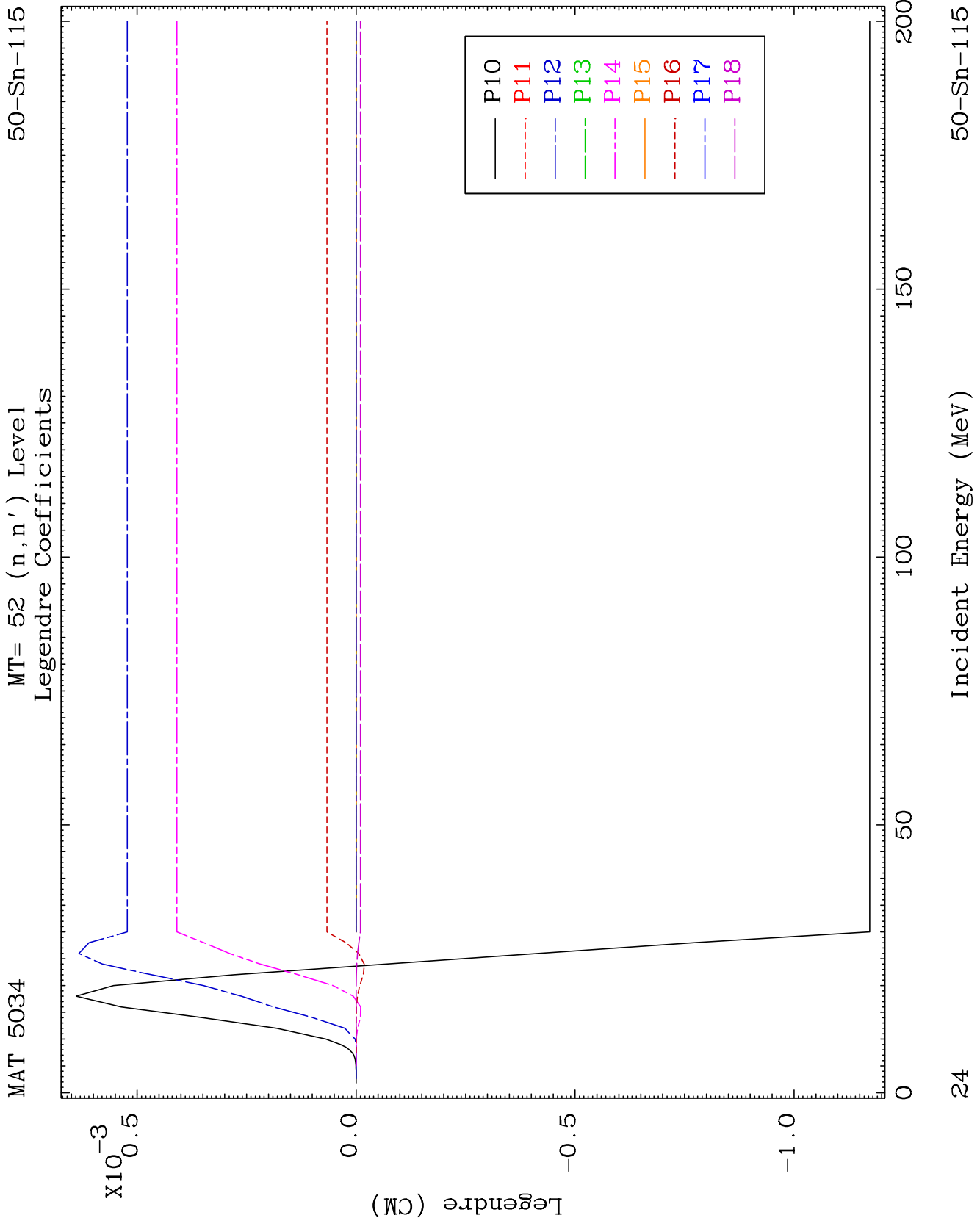


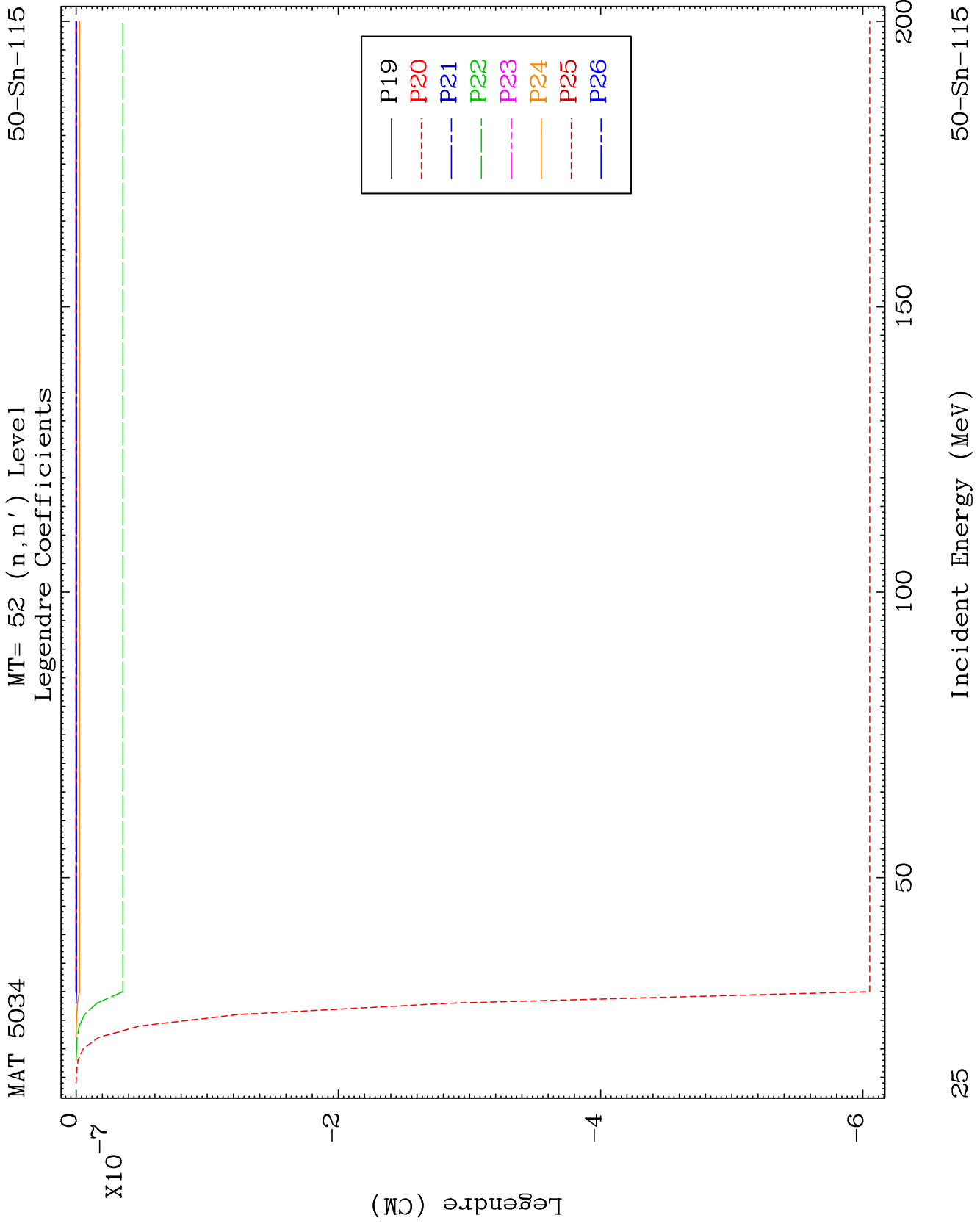










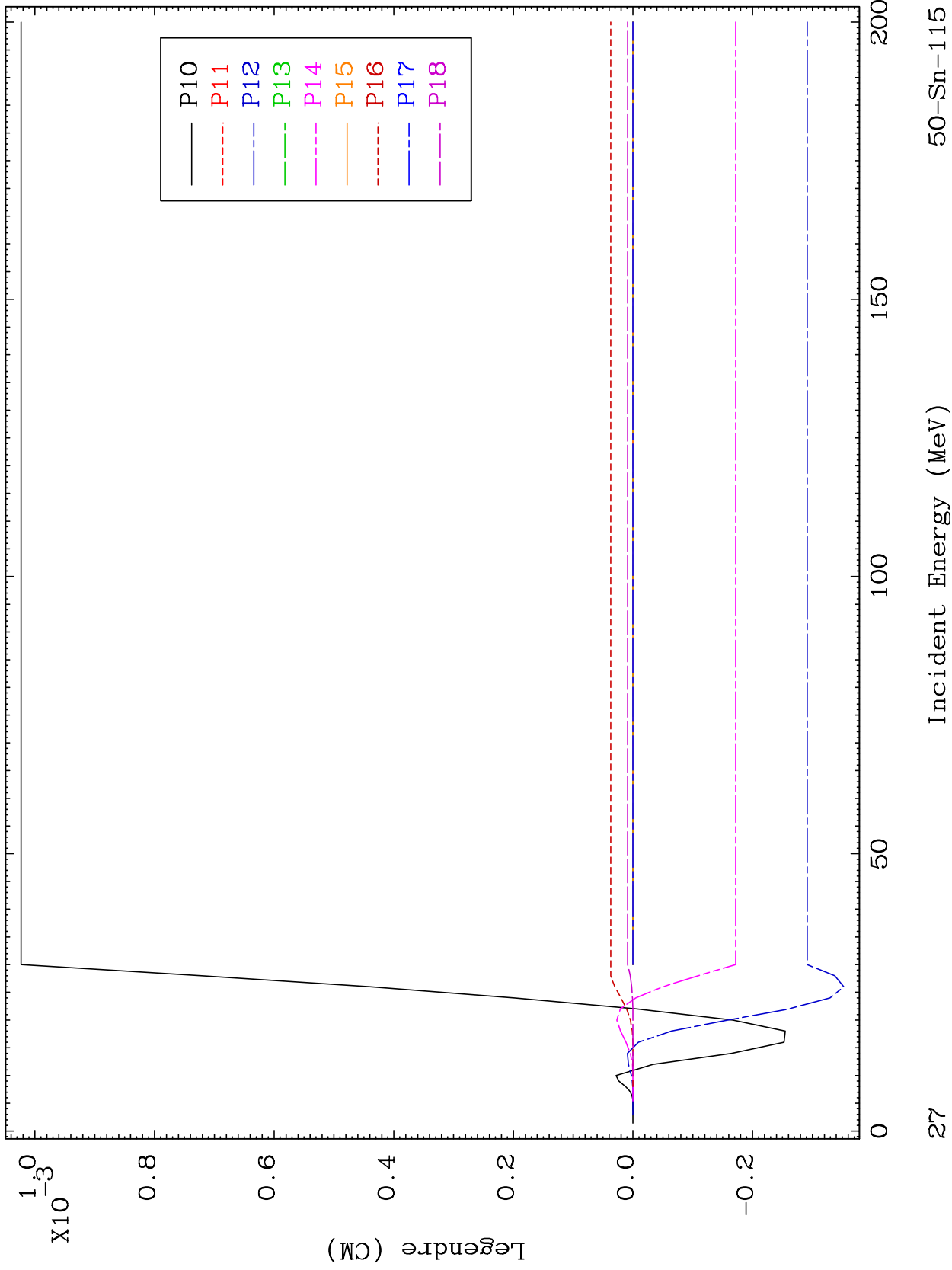




MAT 5034

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

50-Sn-115

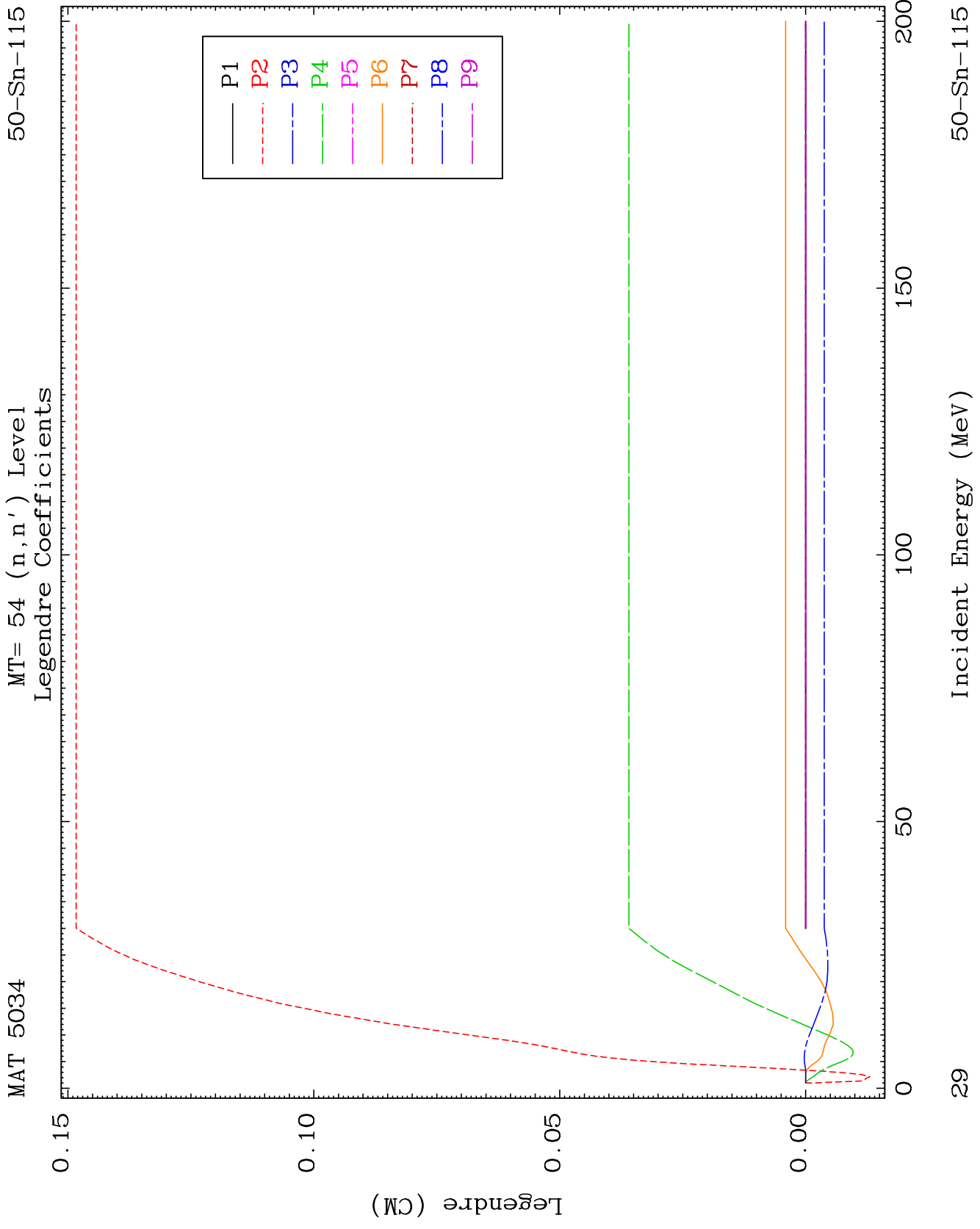


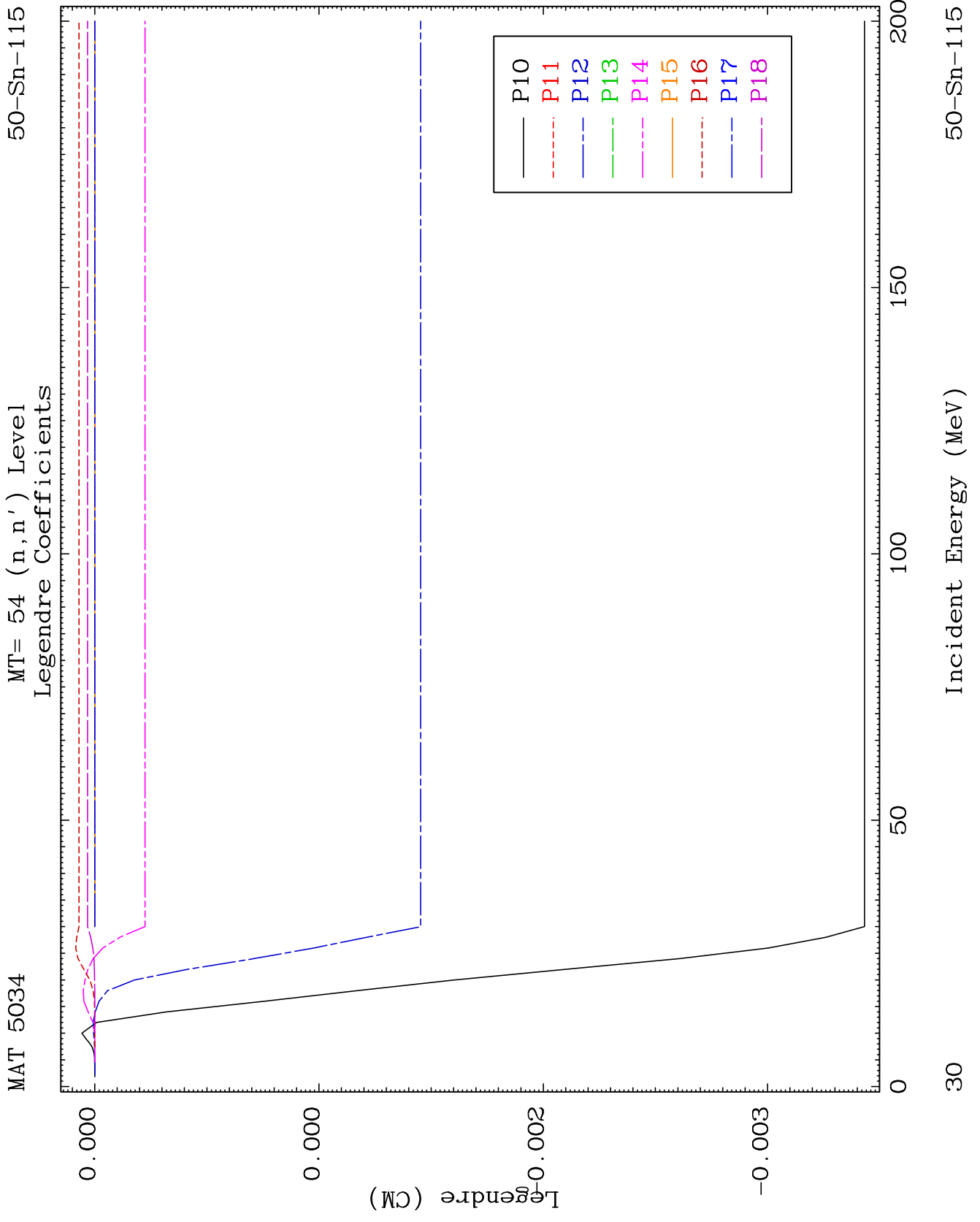
27

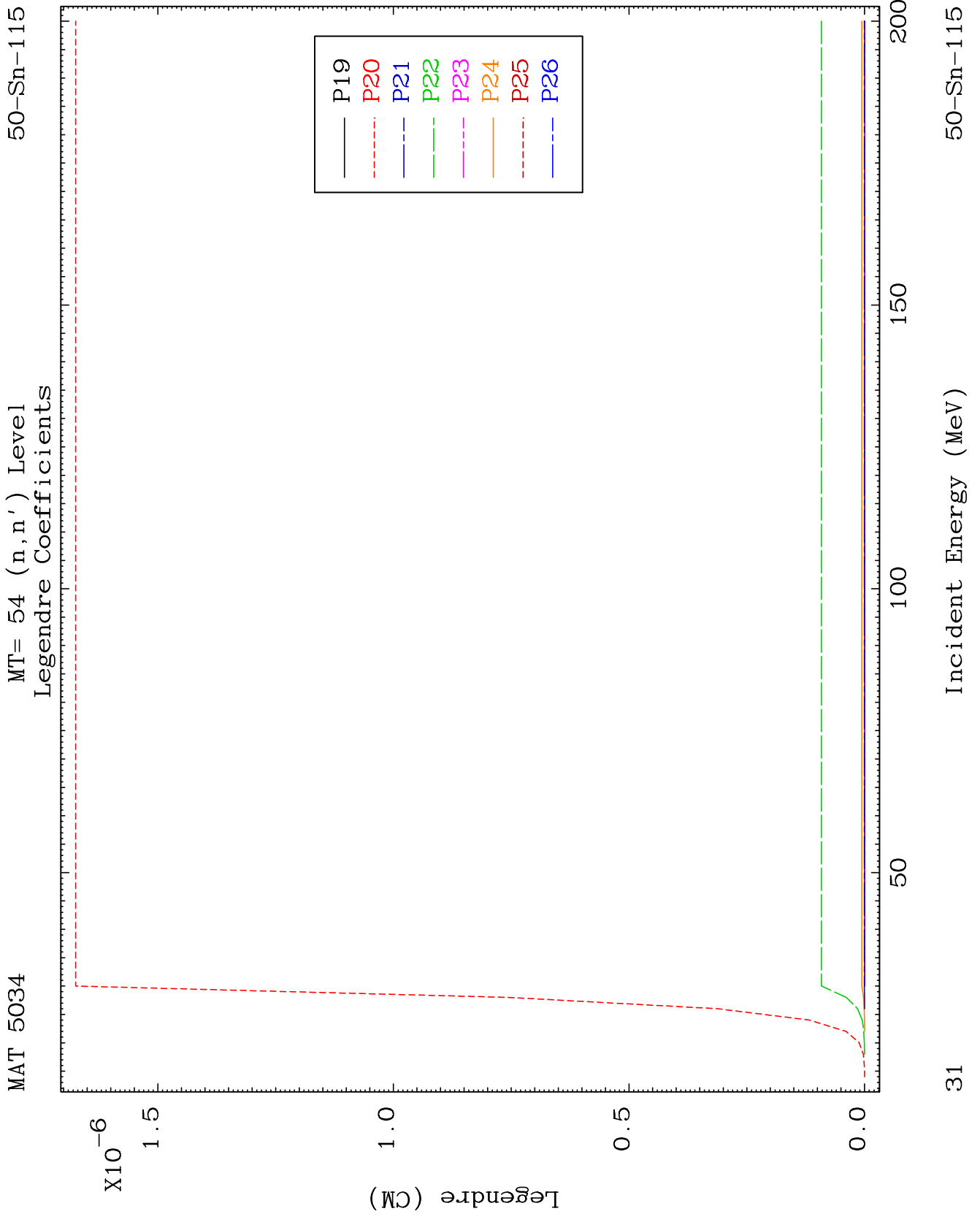
Incident Energy (MeV)

50-Sn-115



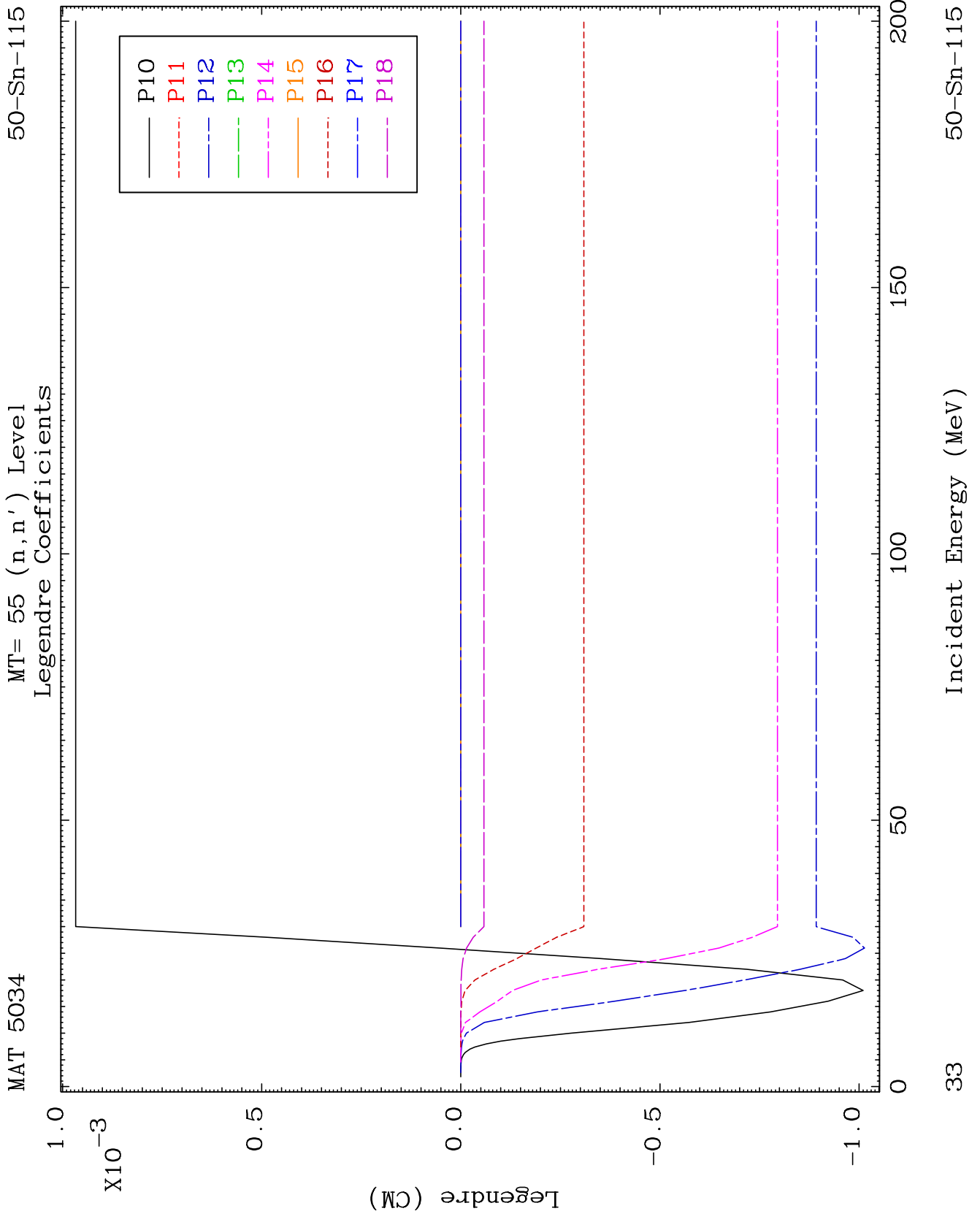


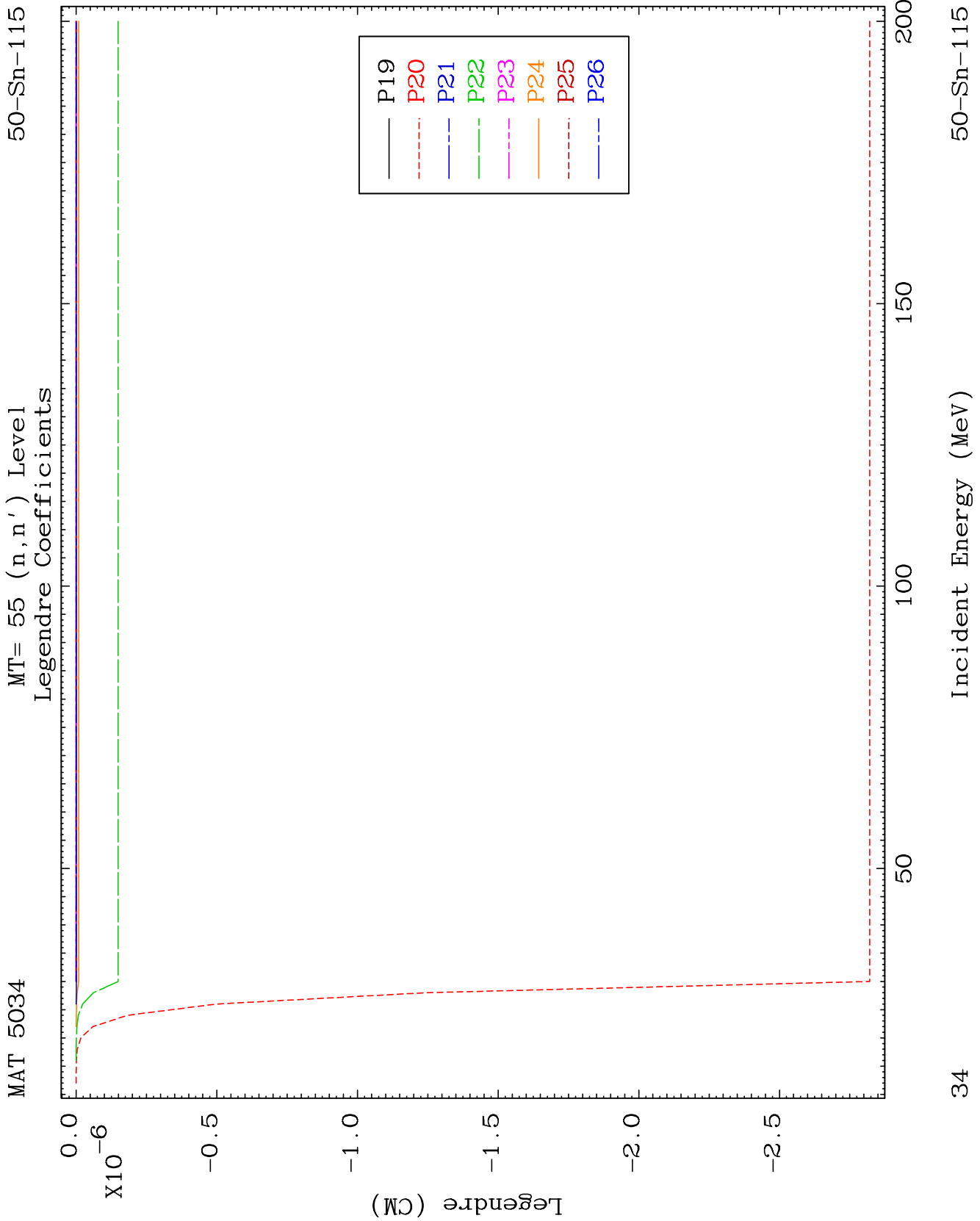


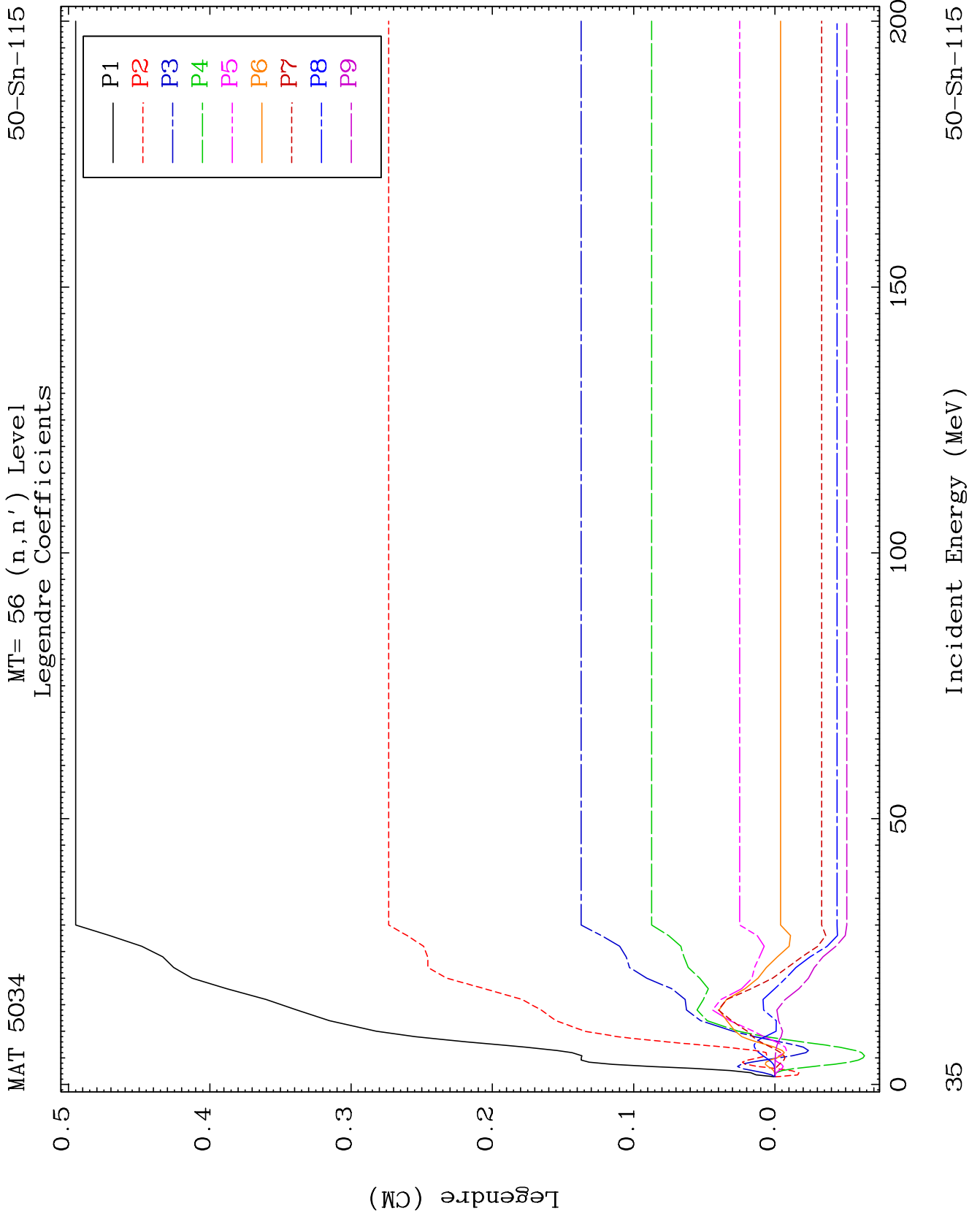


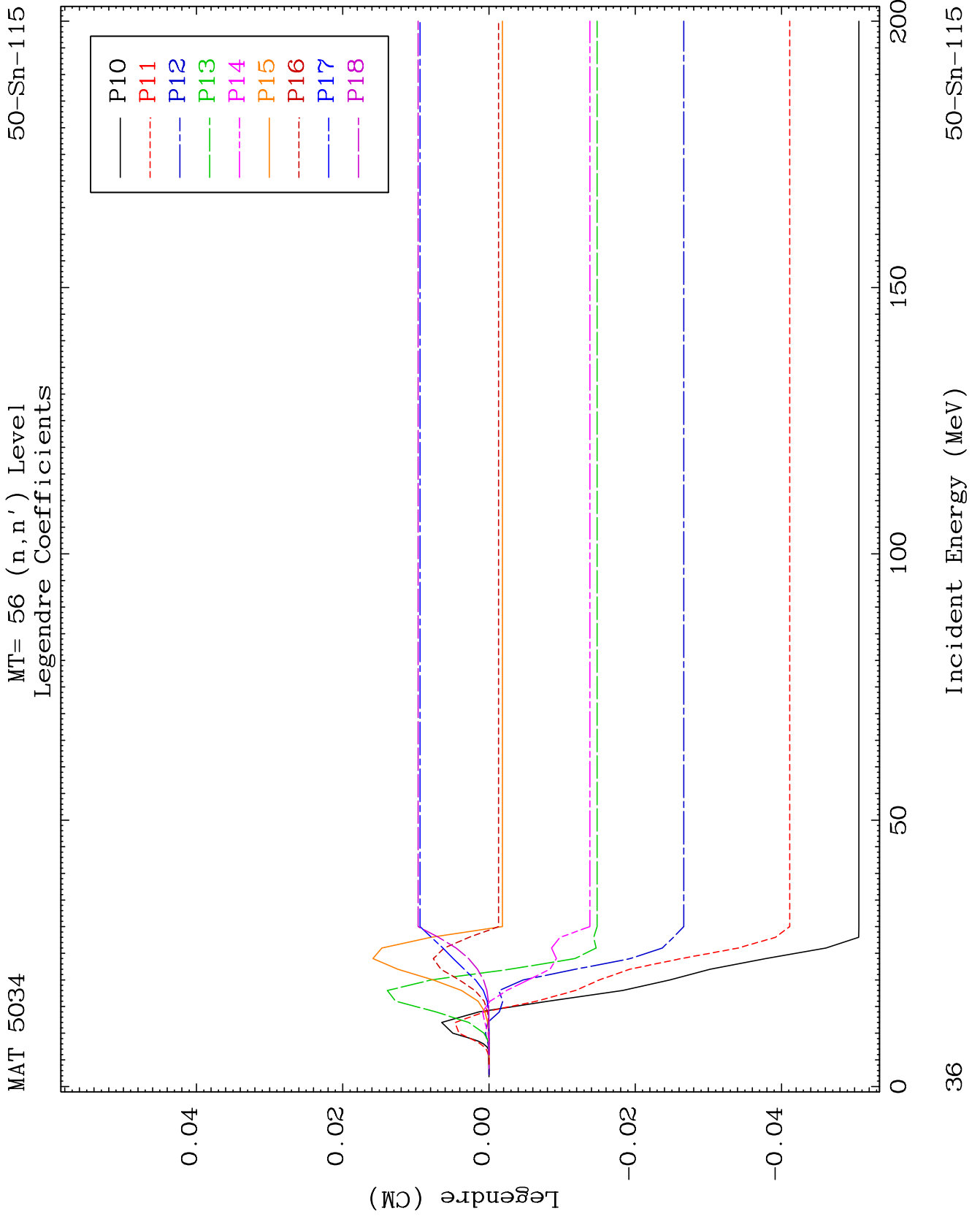




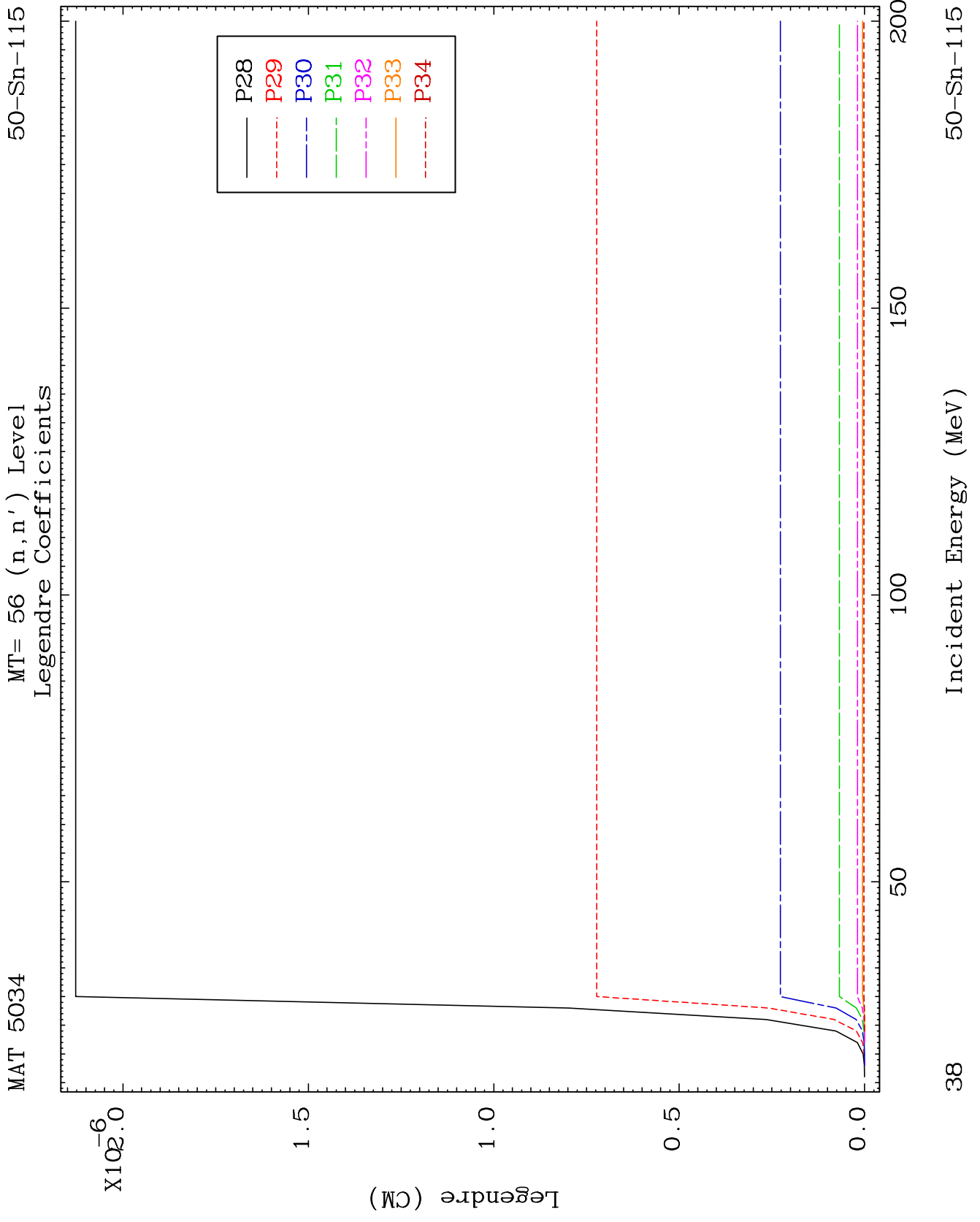


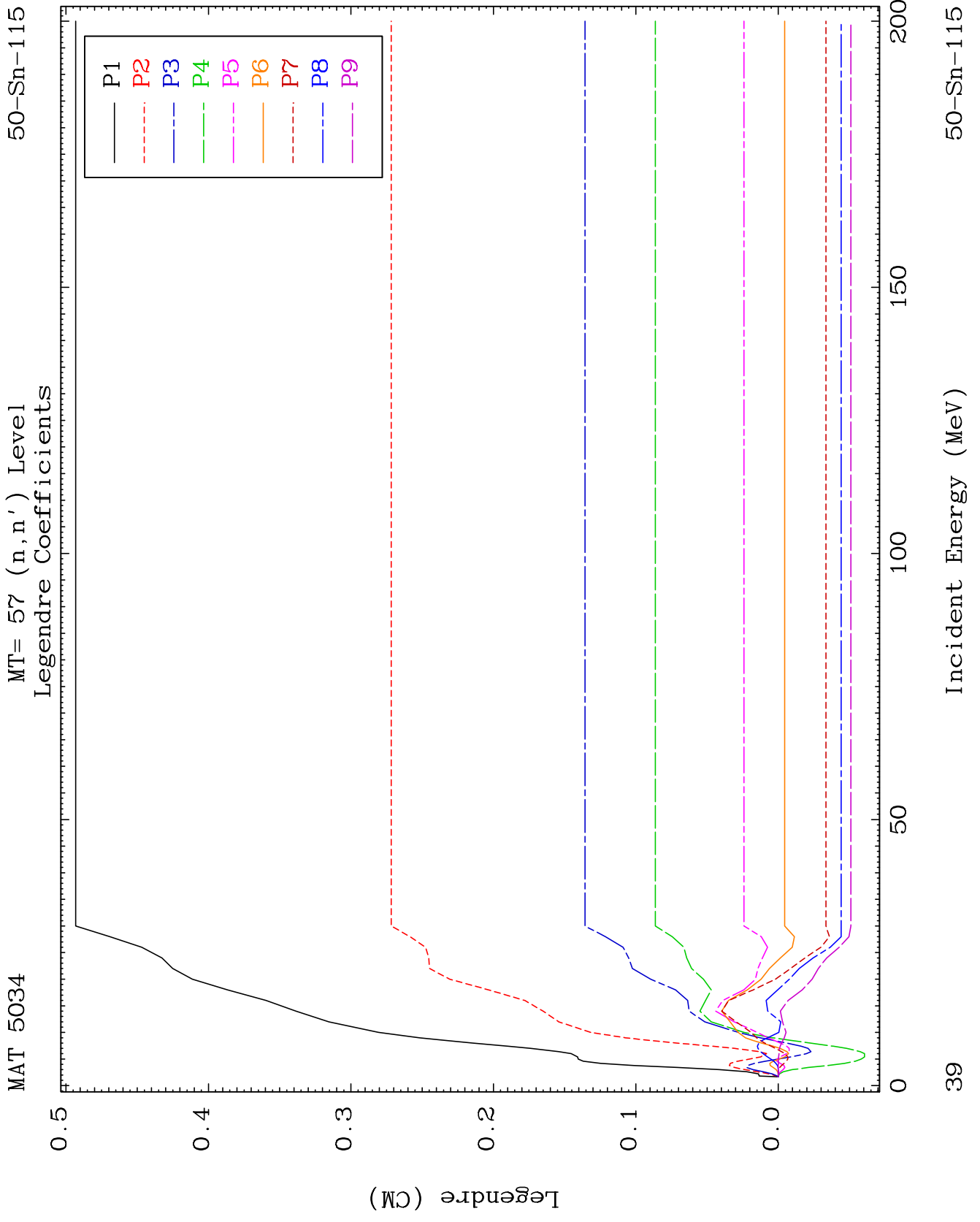










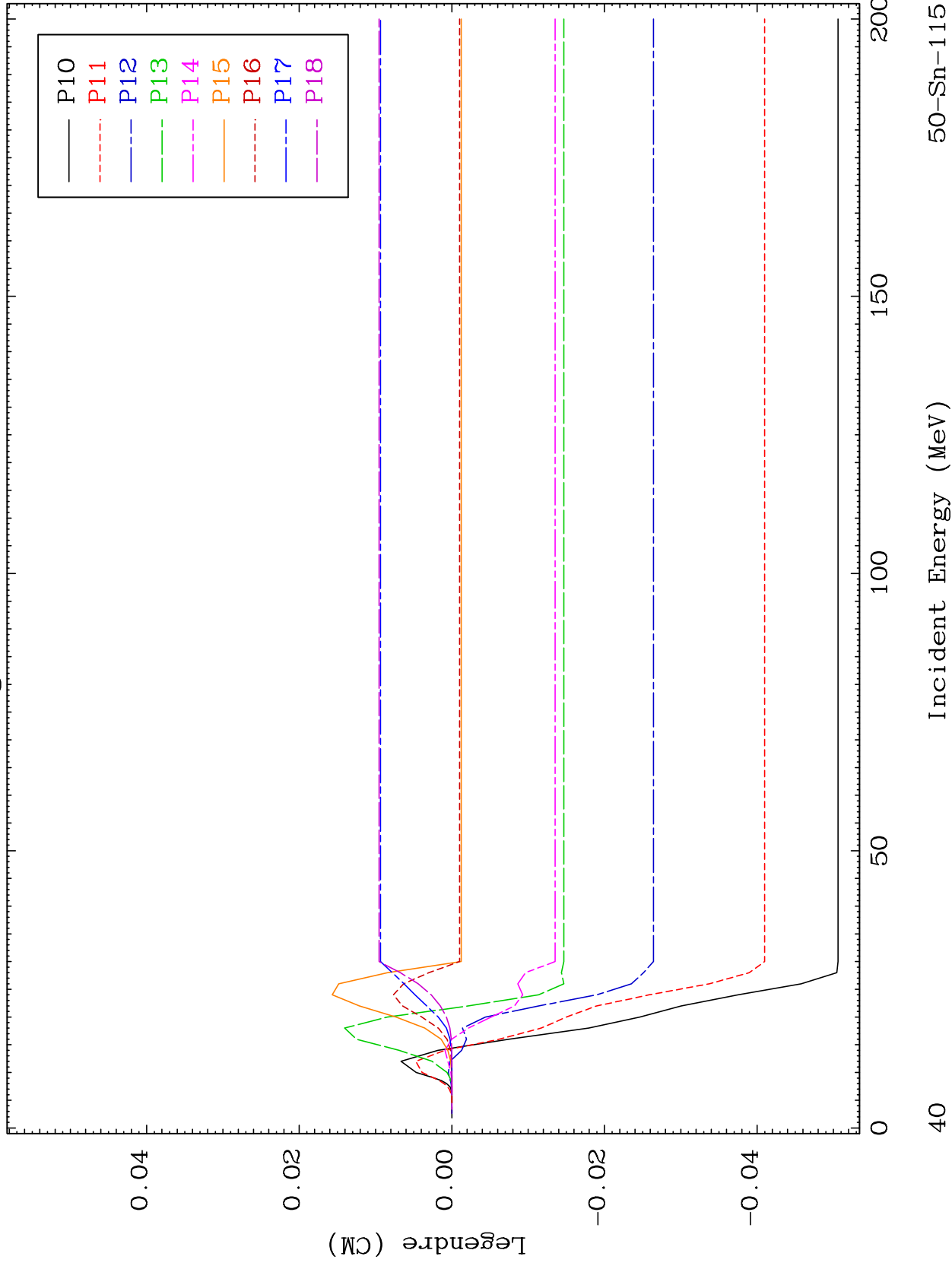




MAT 5034

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

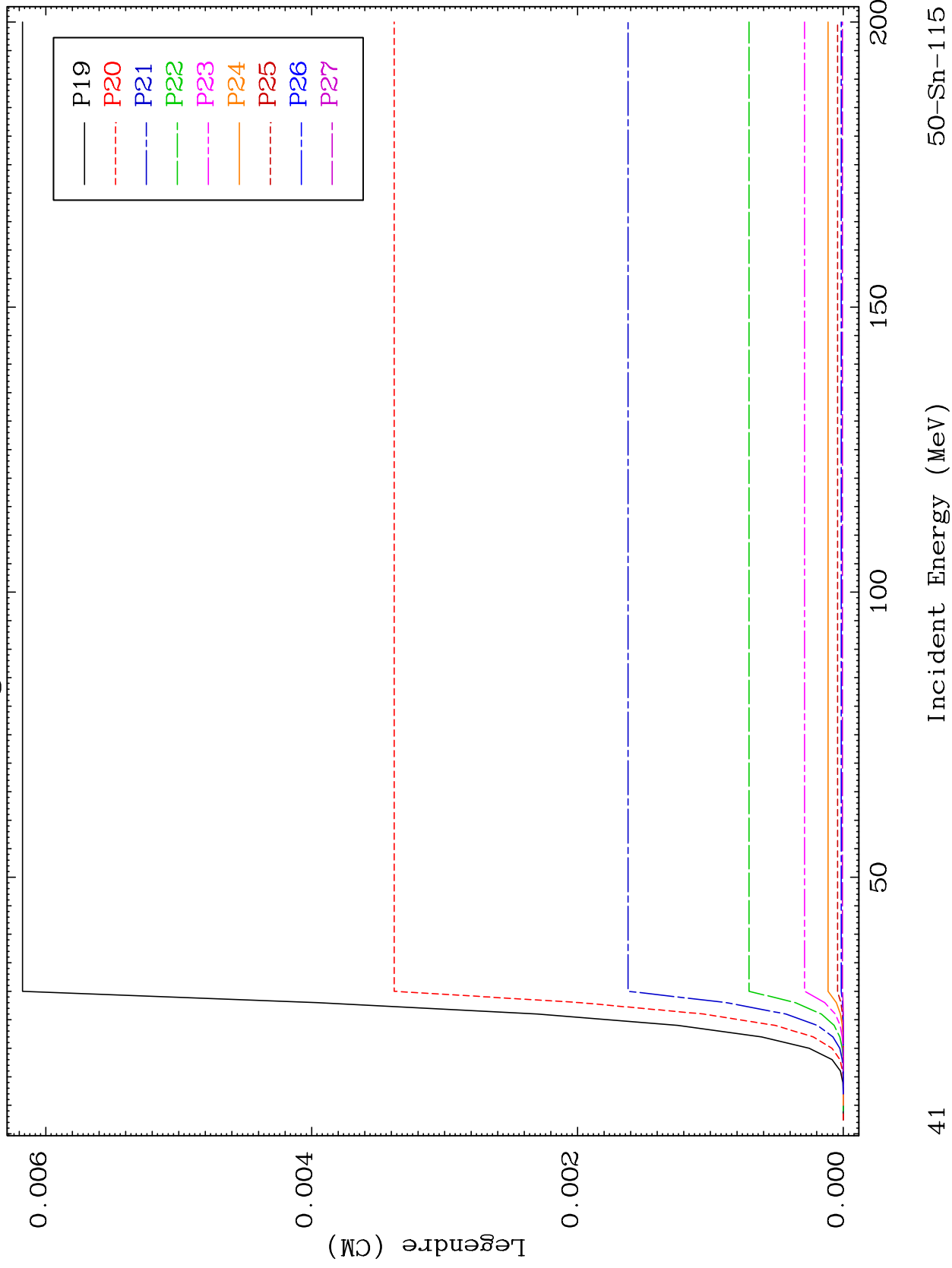
50-Sn-115



MAT 5034

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

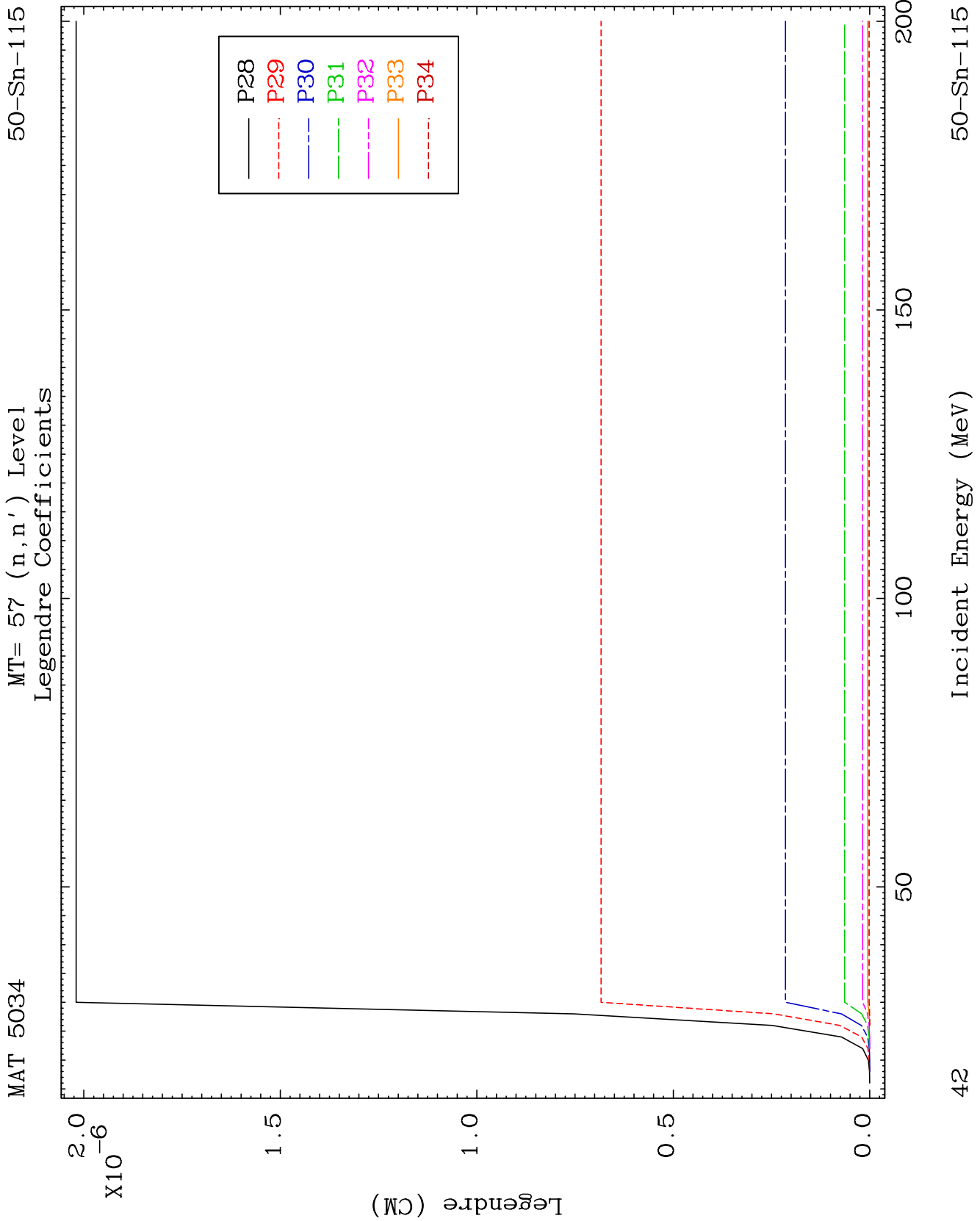
50-Sn-115

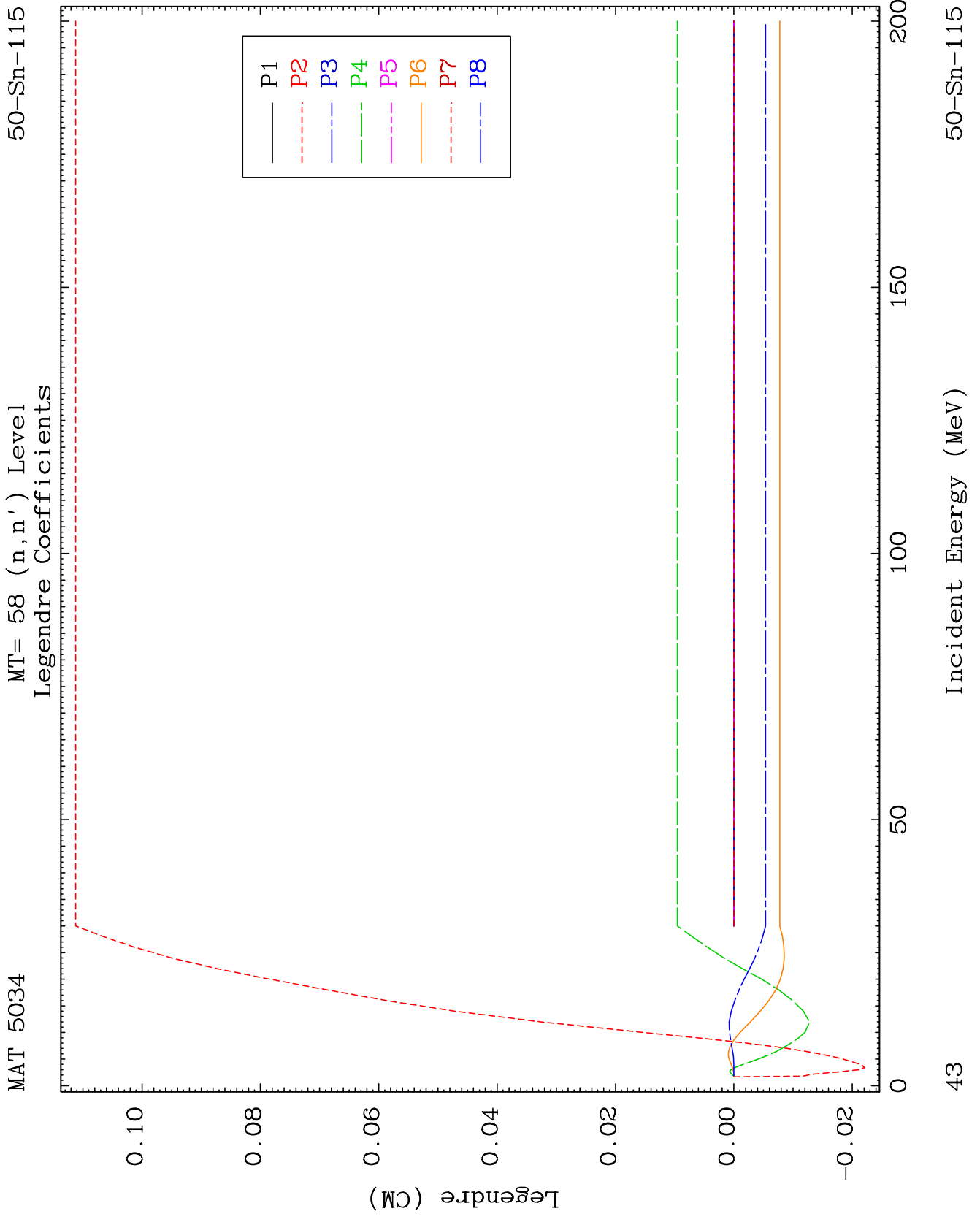


41

Incident Energy (MeV)

50-Sn-115

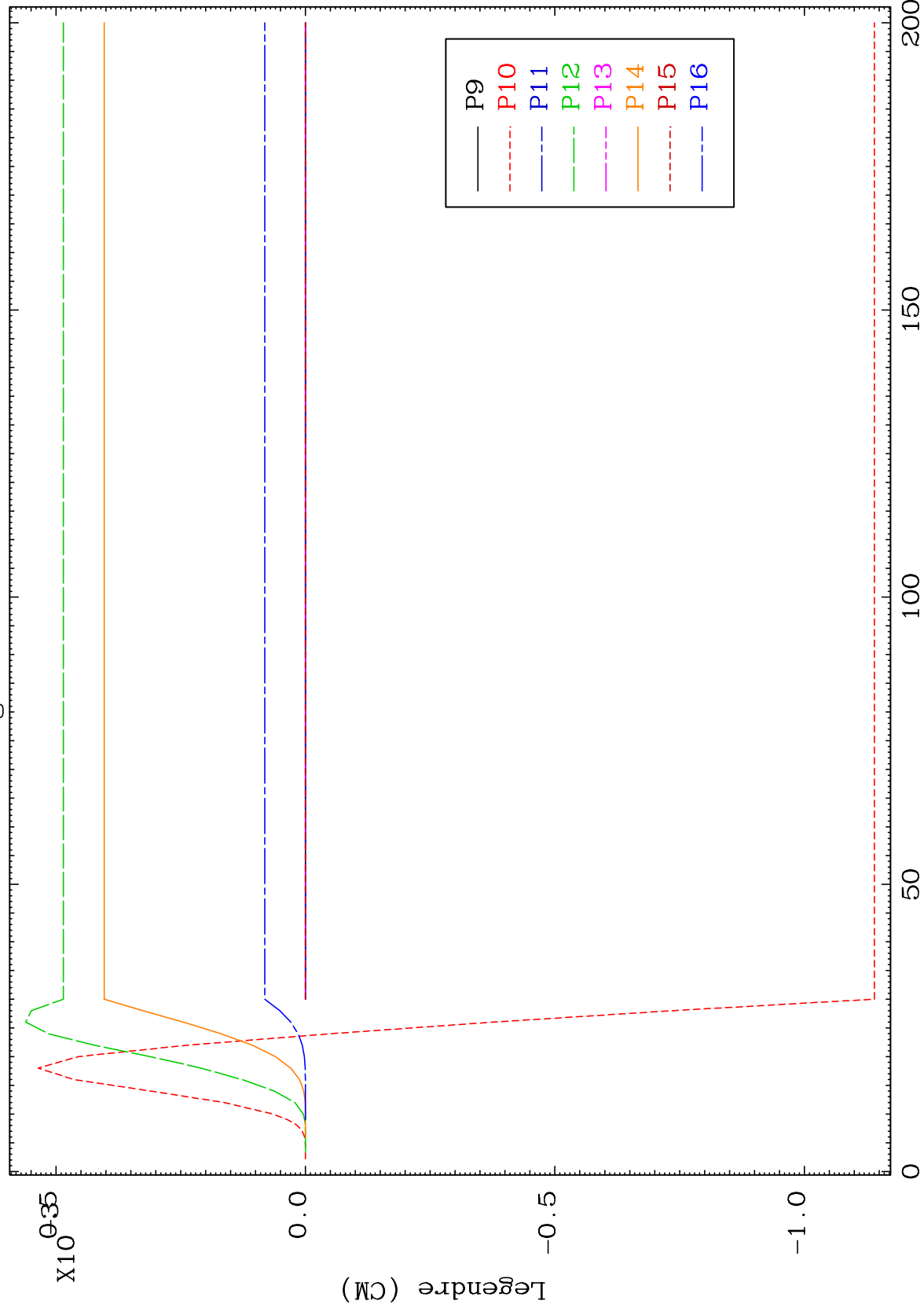




MAT 5034

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

50-Sn-115

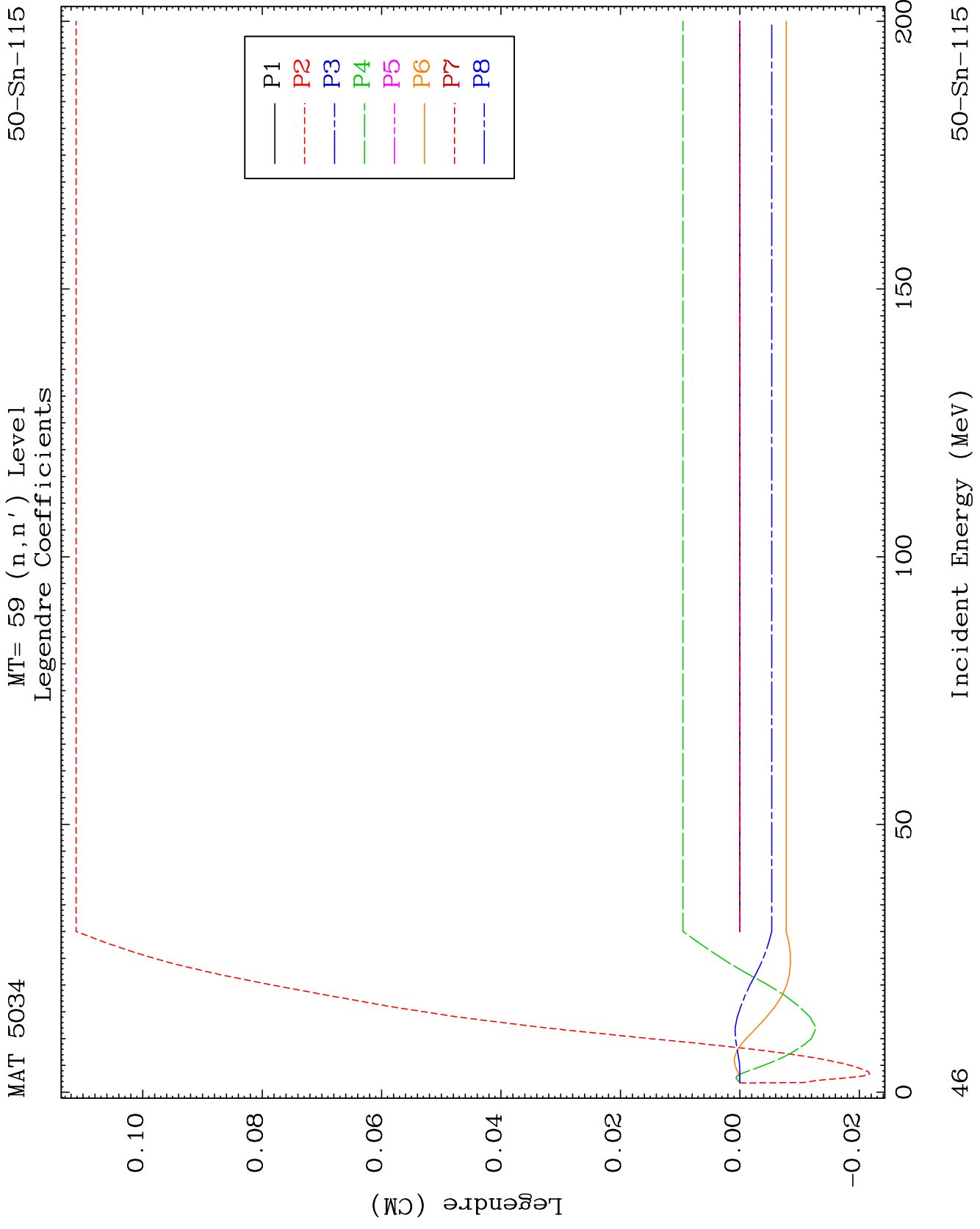


44

Incident Energy (MeV)

50-Sn-115

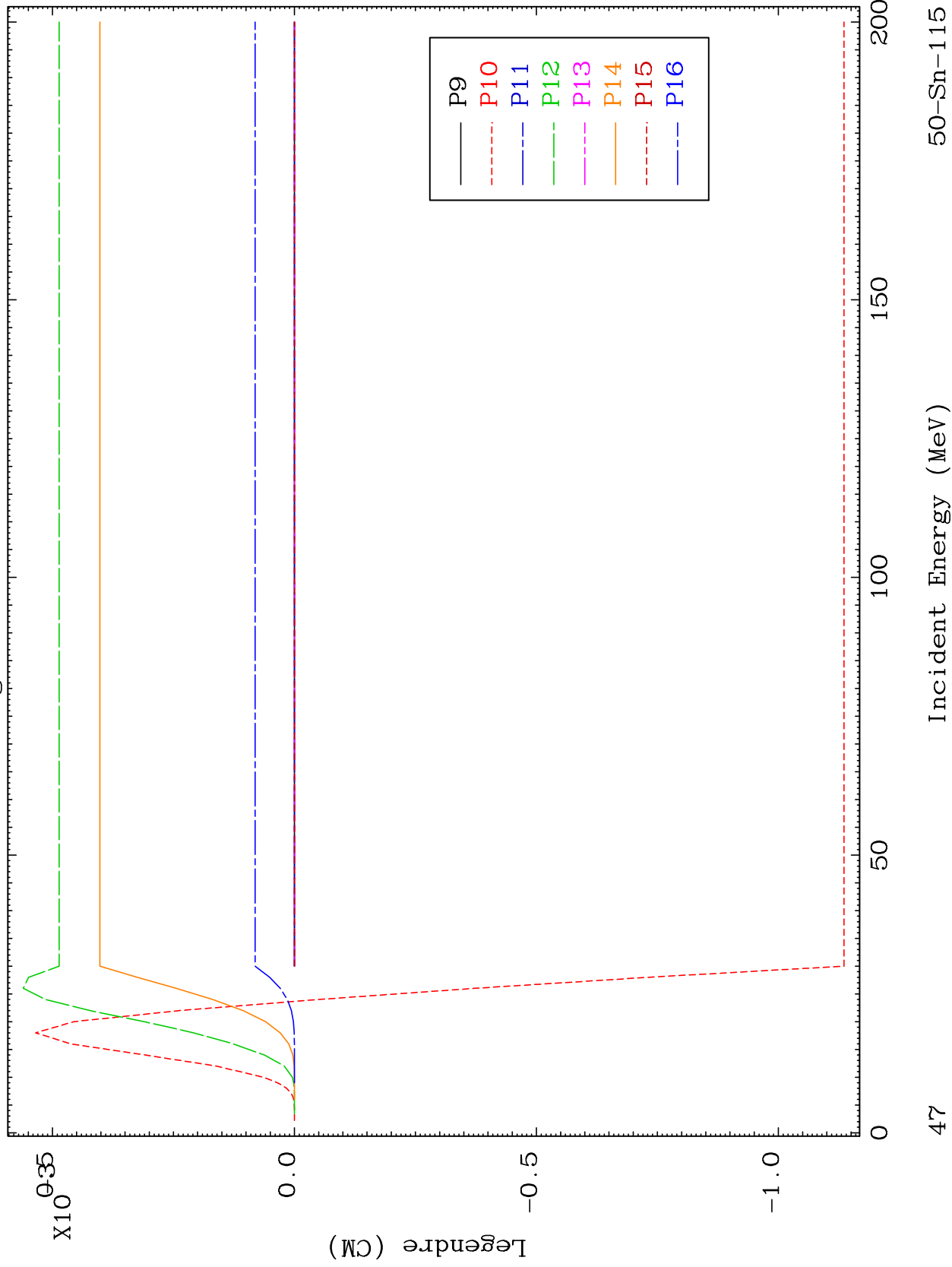




MAT 5034

50-Sn-115

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

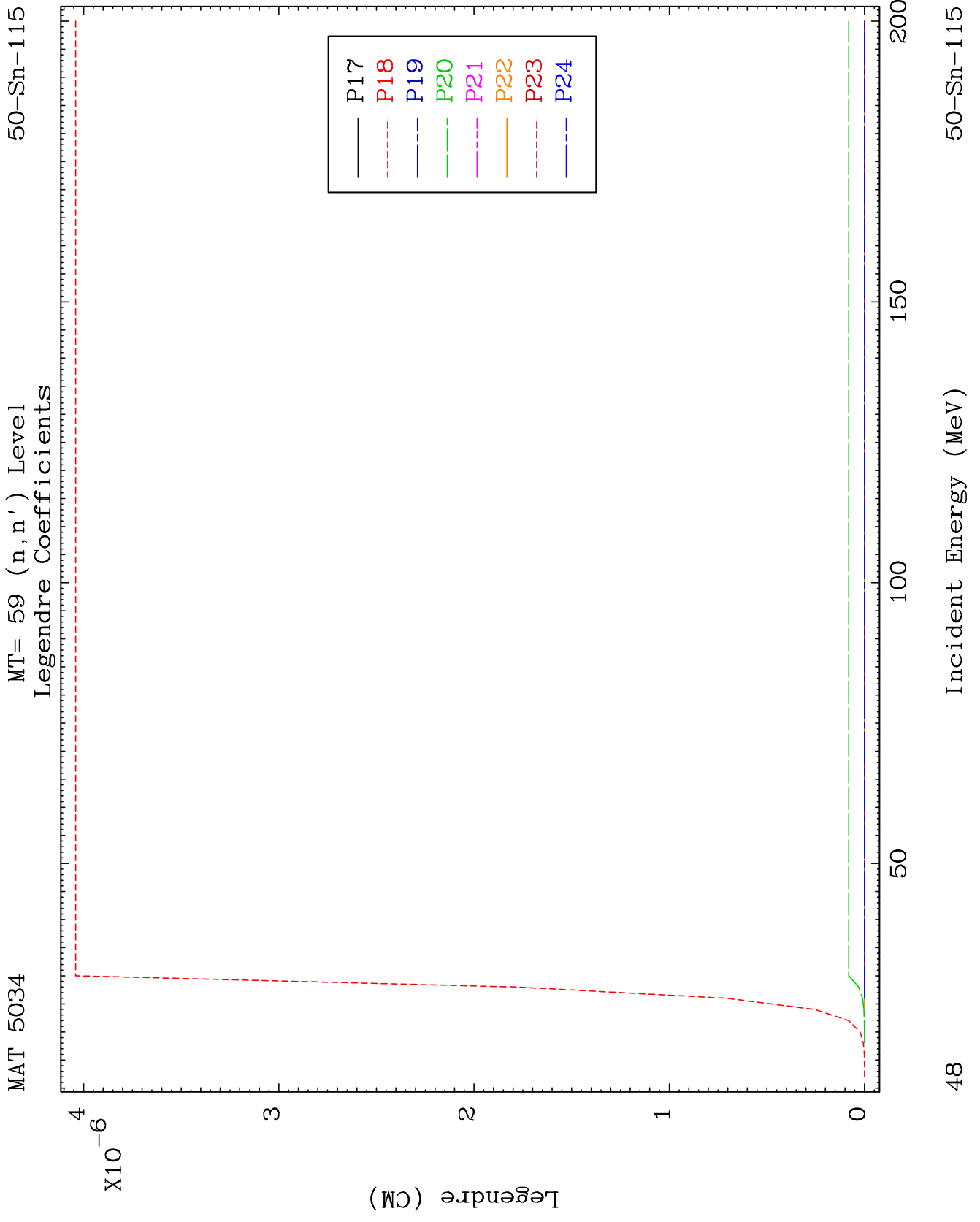


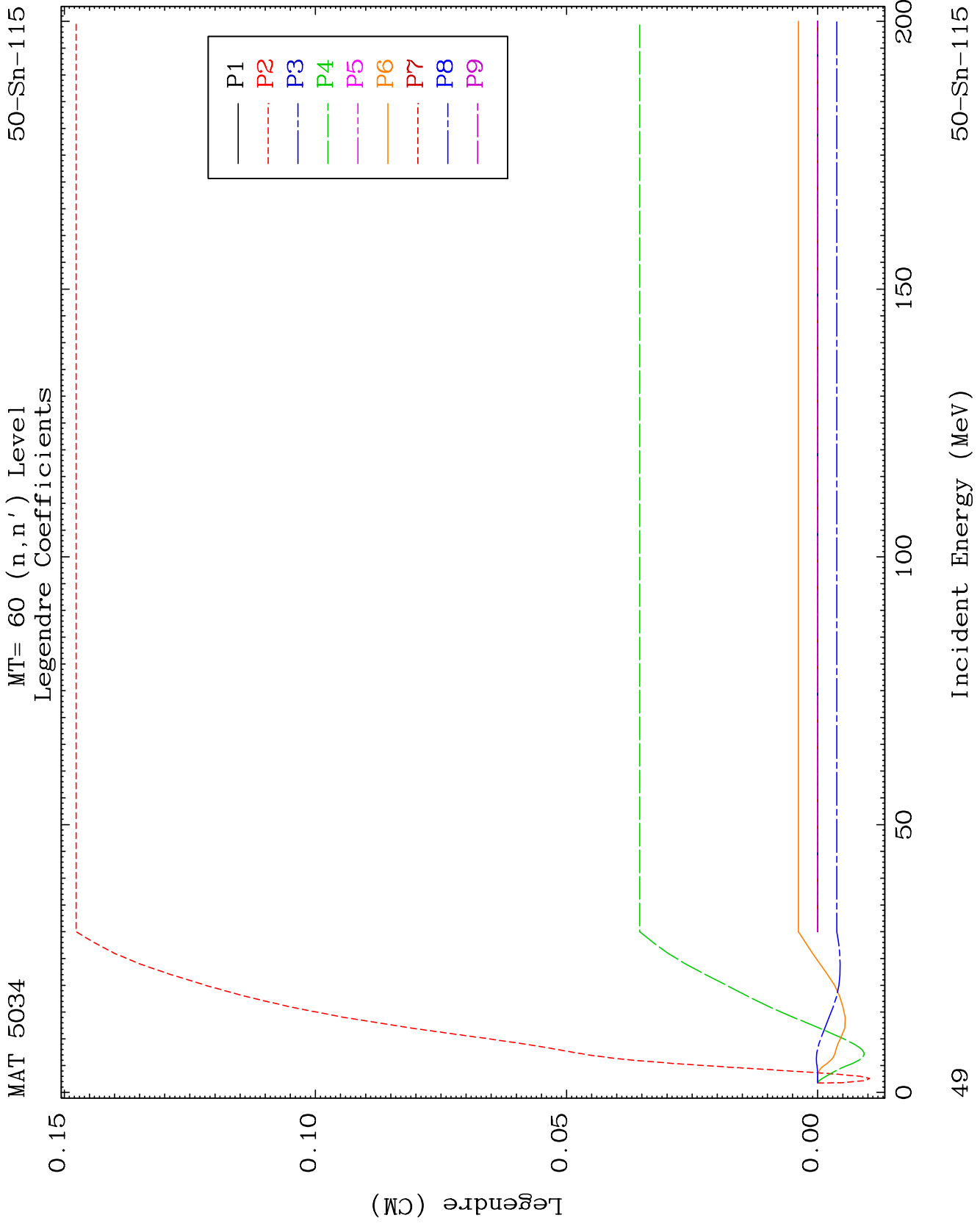
47

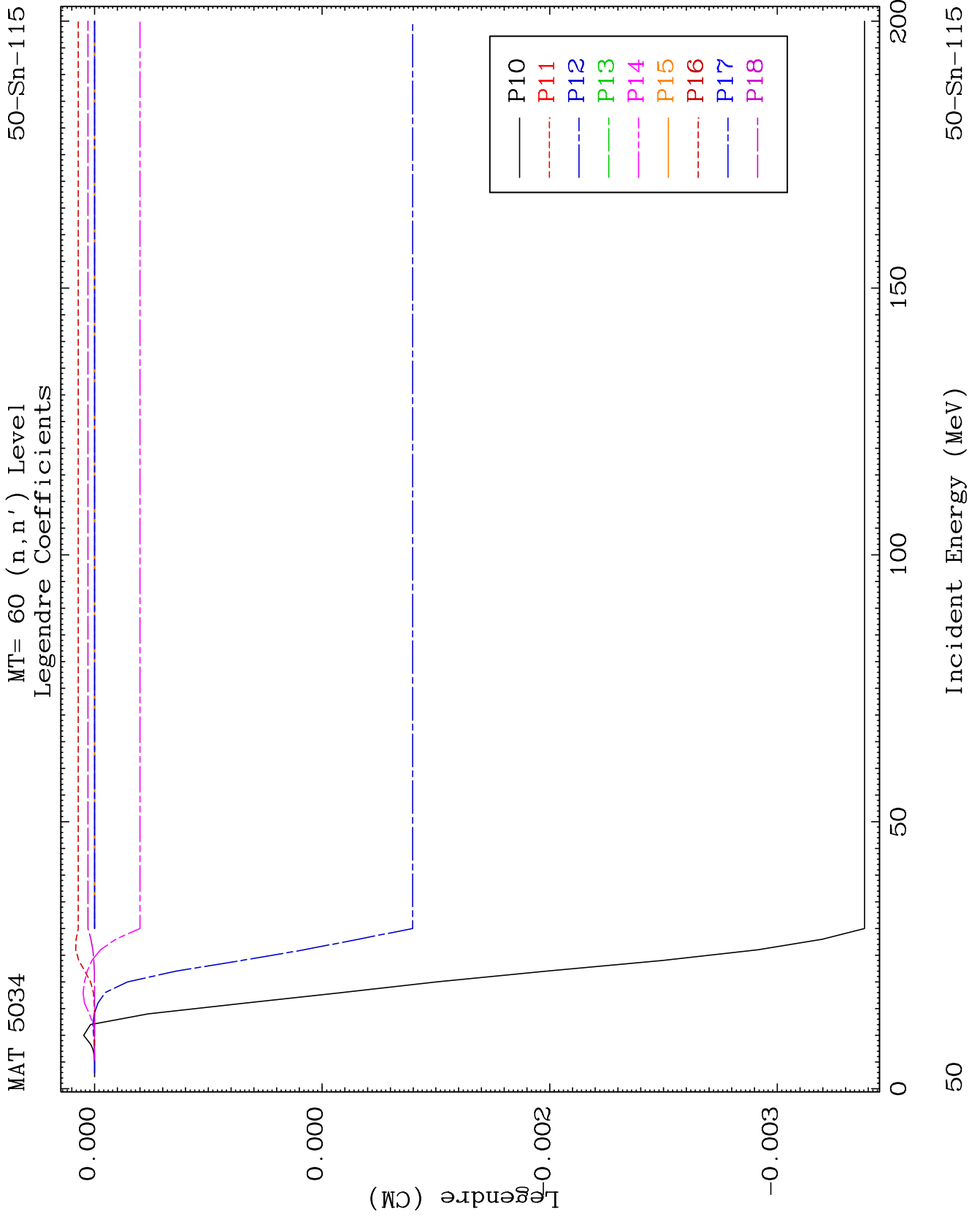
Incident Energy (MeV)

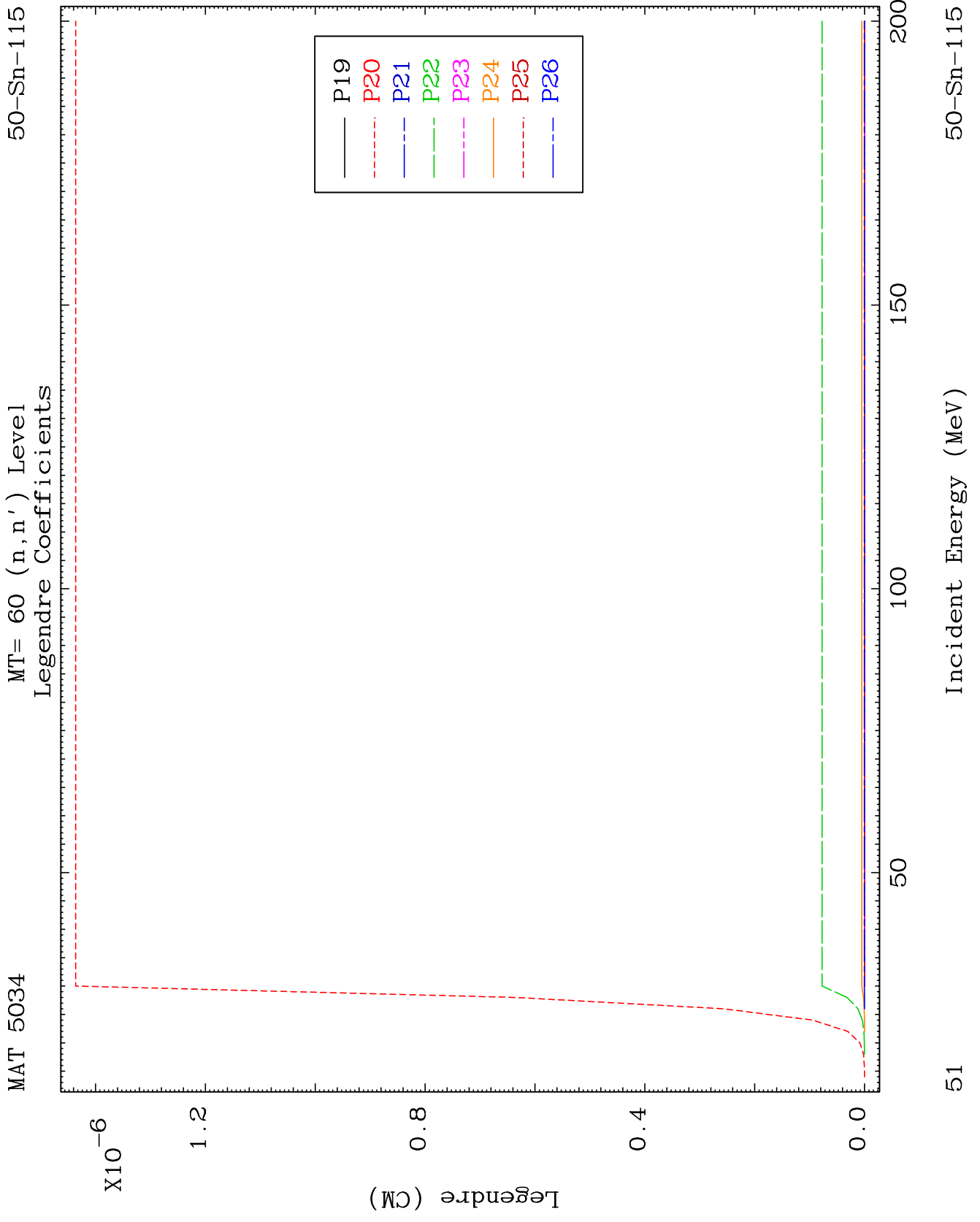
50-Sn-115







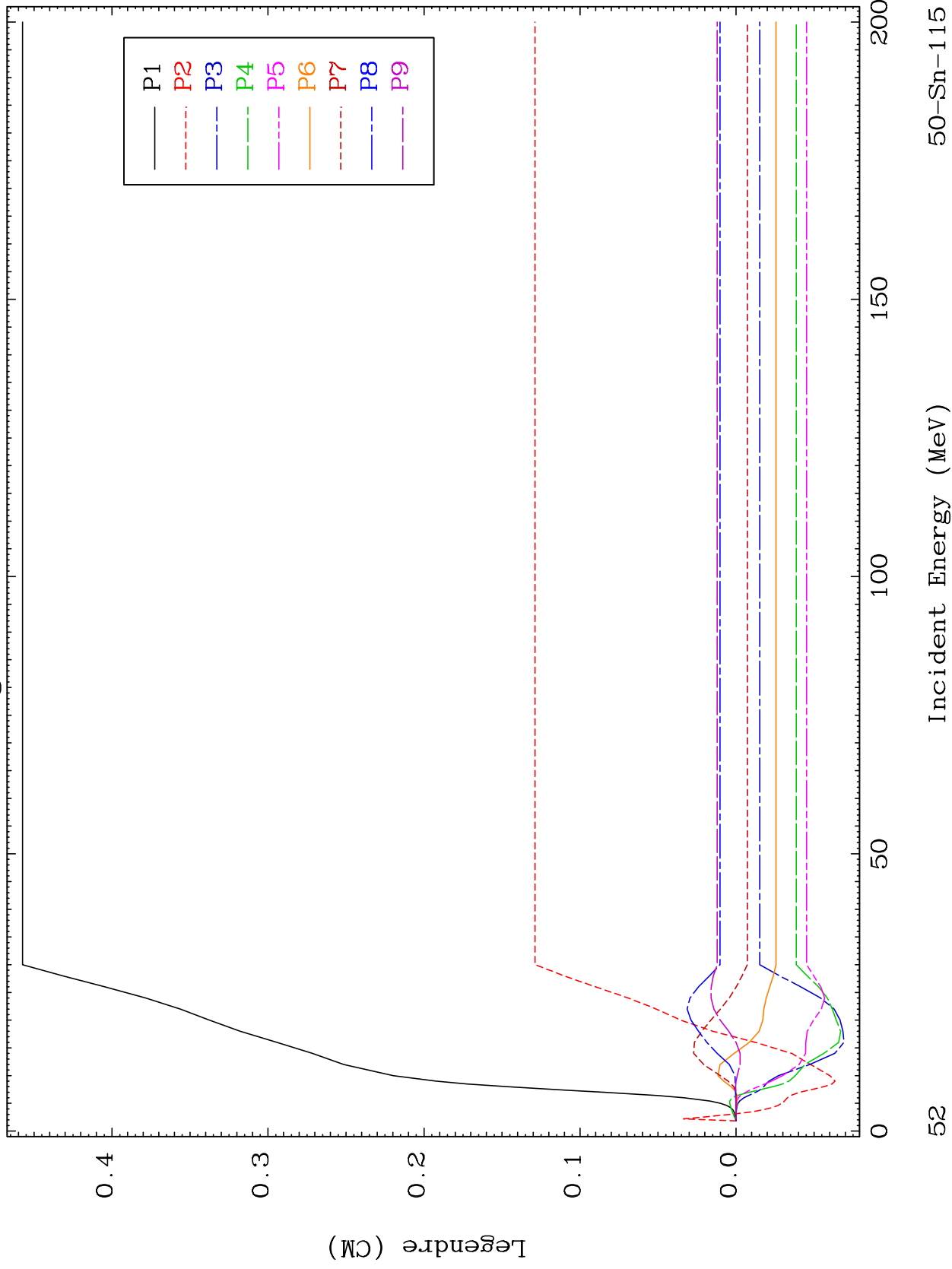




MAT 5034

MT= 62 (n,n') Level  
Legendre Coefficients

50-Sn-115



50-Sn-115

Incident Energy (MeV)

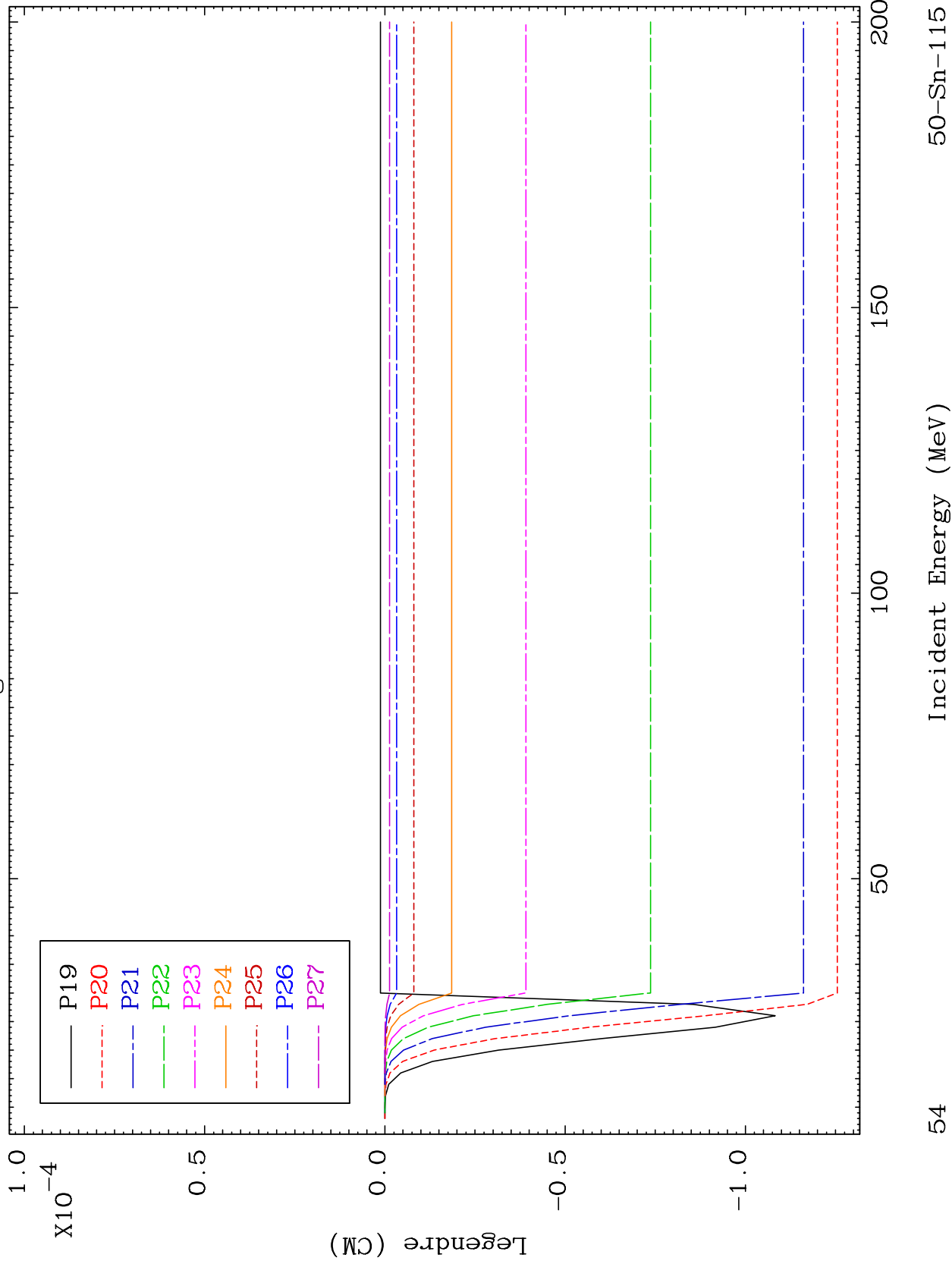
52



MAT 5034

MT= 62 (n,n') Level  
Legendre Coefficients

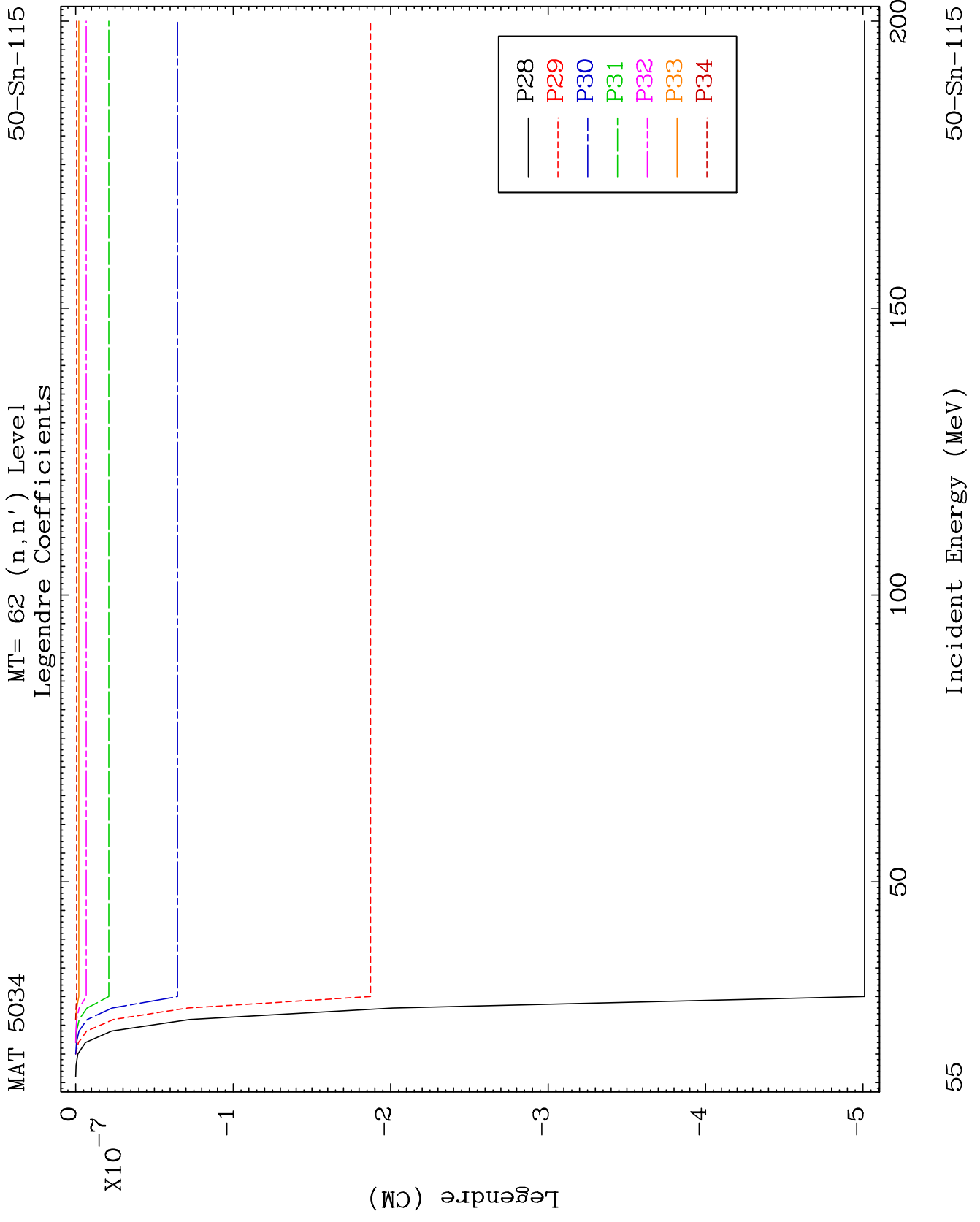
50-Sn-115



54

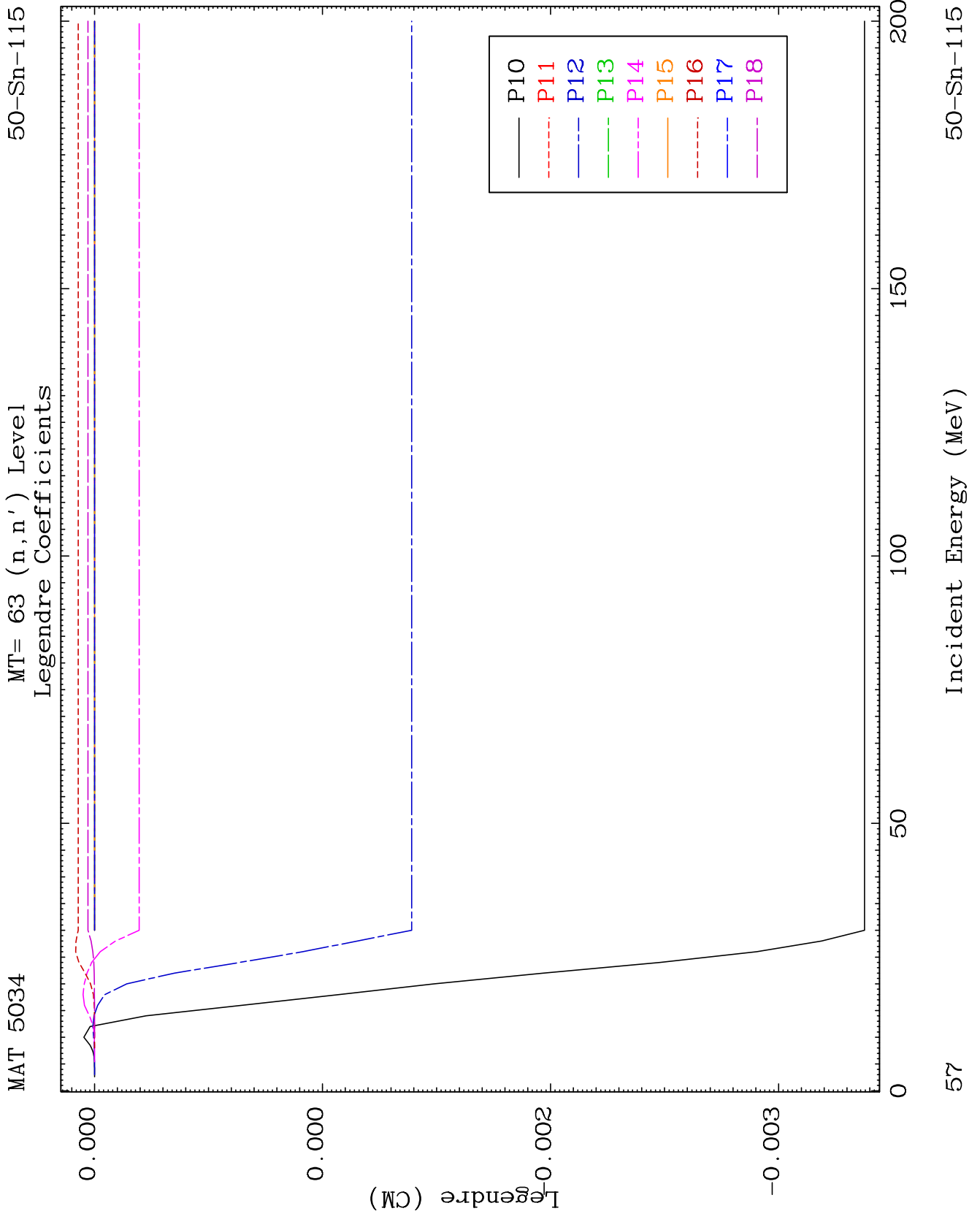
Incident Energy (MeV)

50-Sn-115

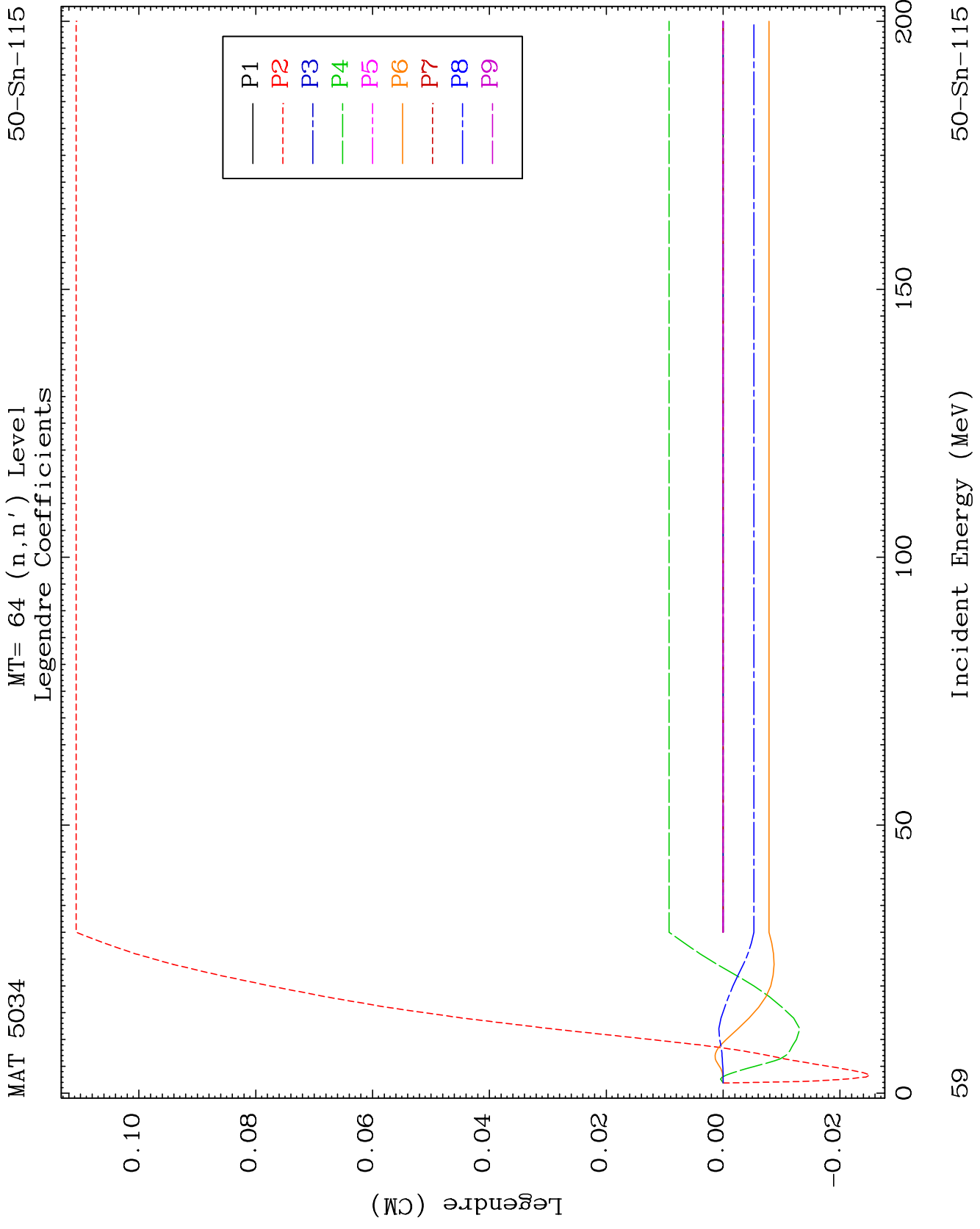








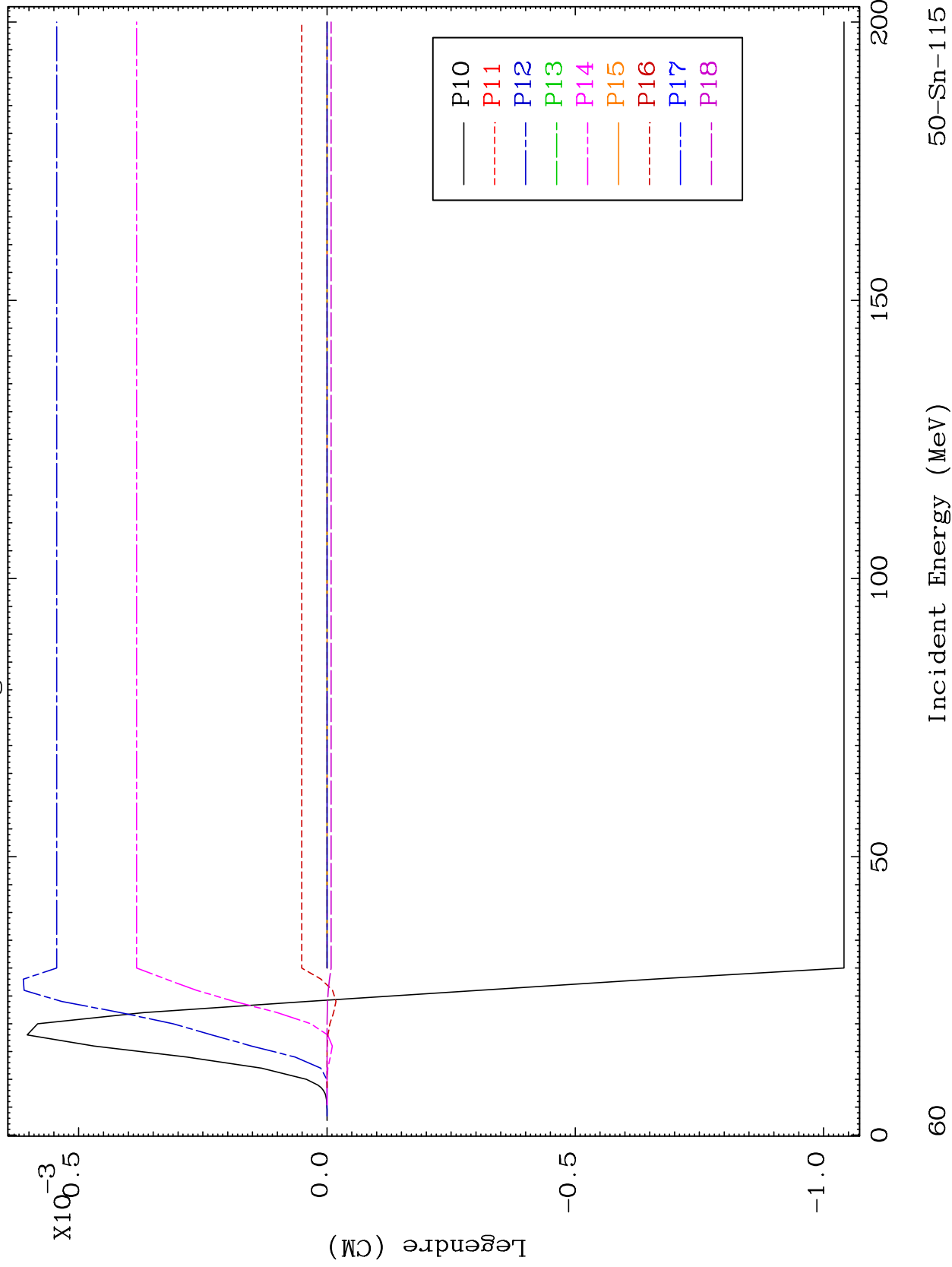


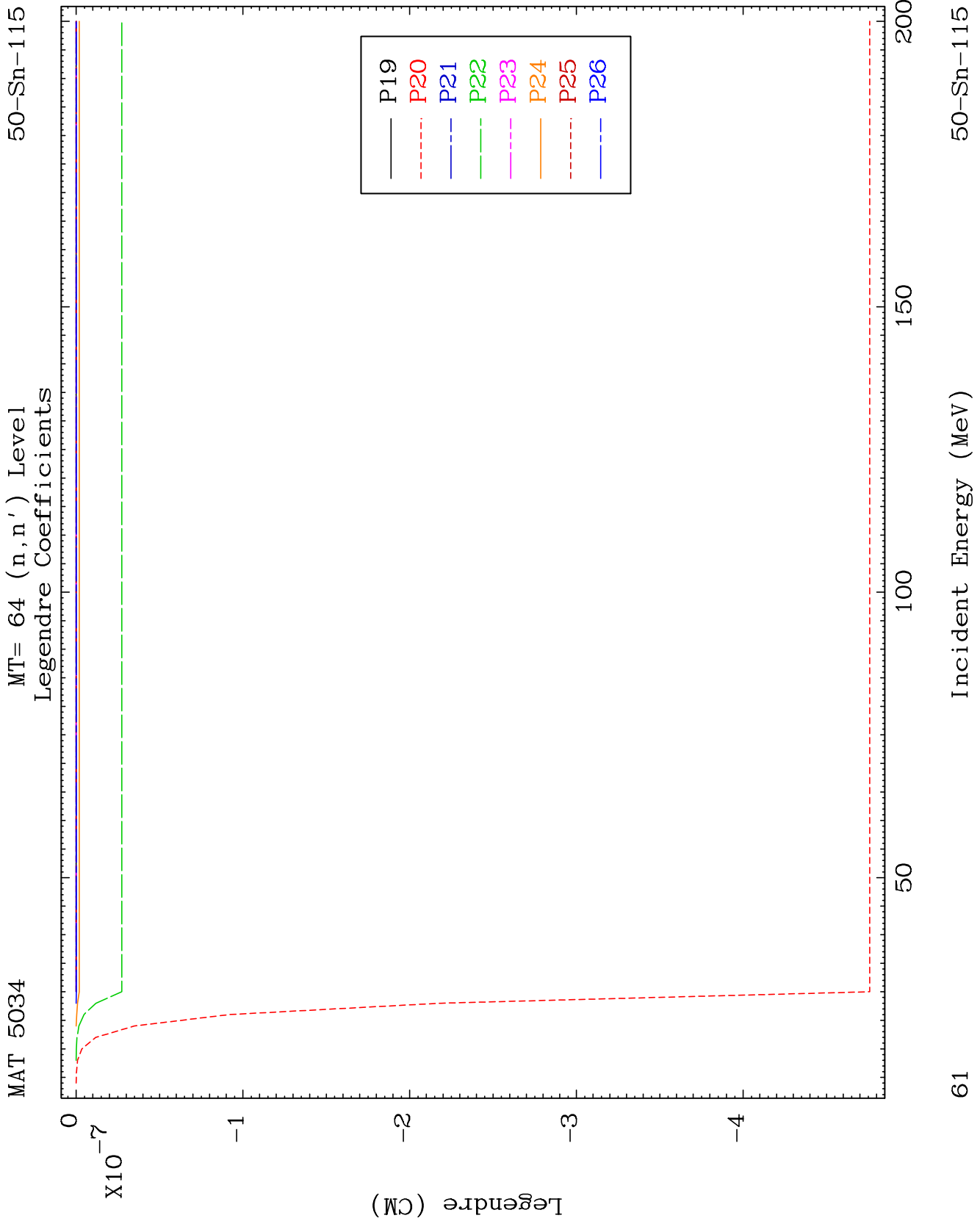


MAT 5034

50-Sn-115

MT= 64 (n,n') Level  
Legendre Coefficients



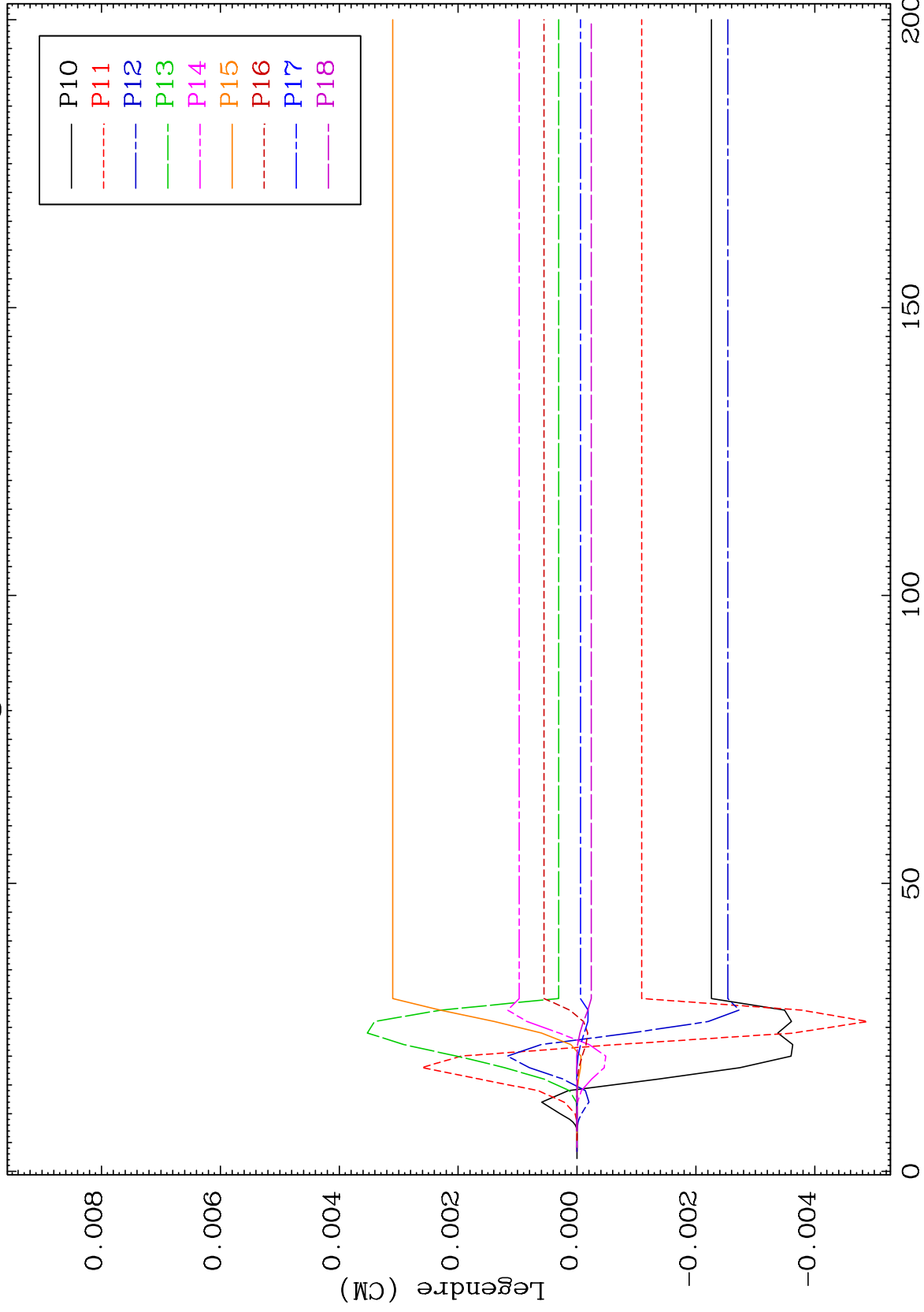




MAT 5034

MT= 65 (n,n') Level  
Legendre Coefficients

50-Sn-115

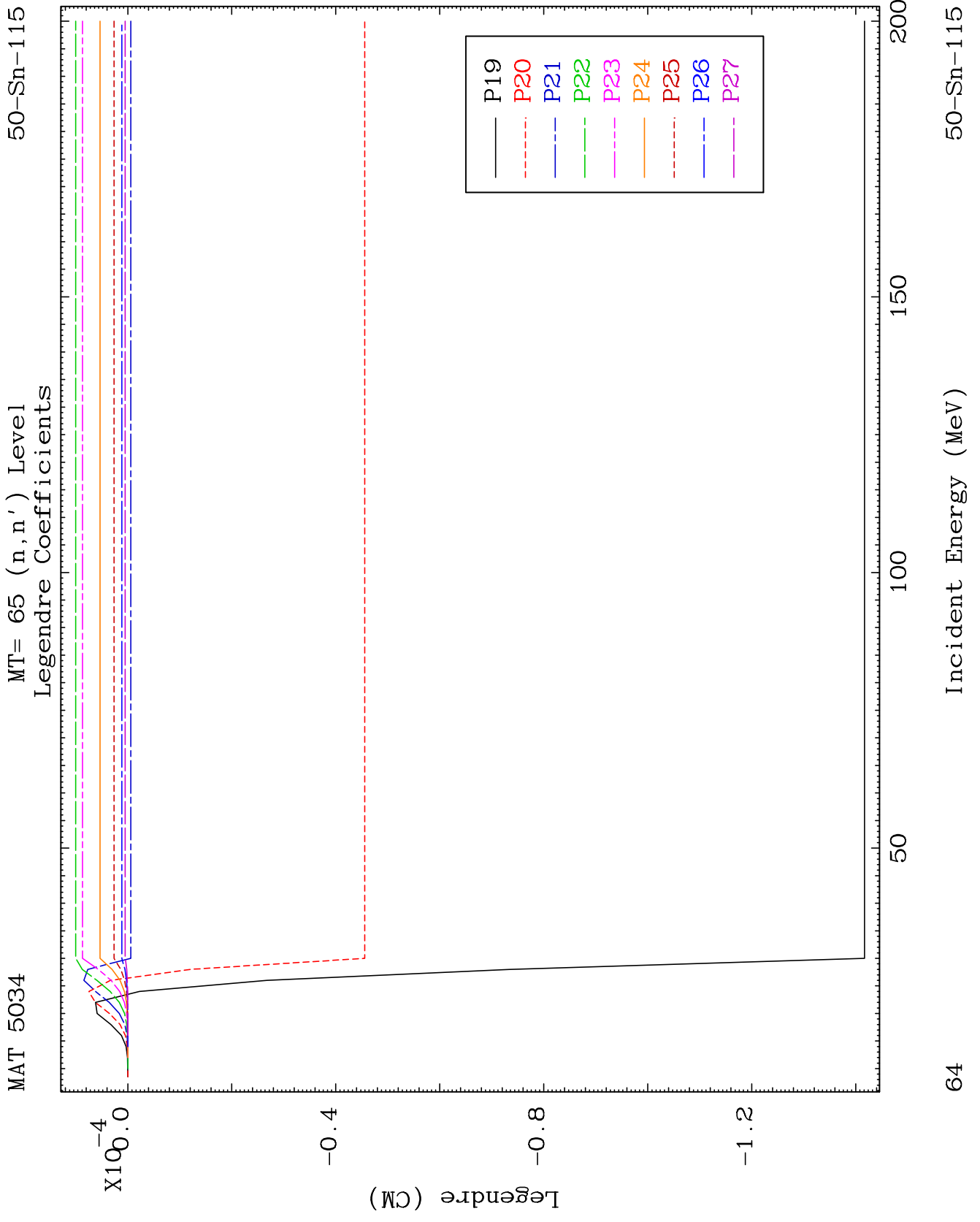


63

Incident Energy (MeV)

50-Sn-115

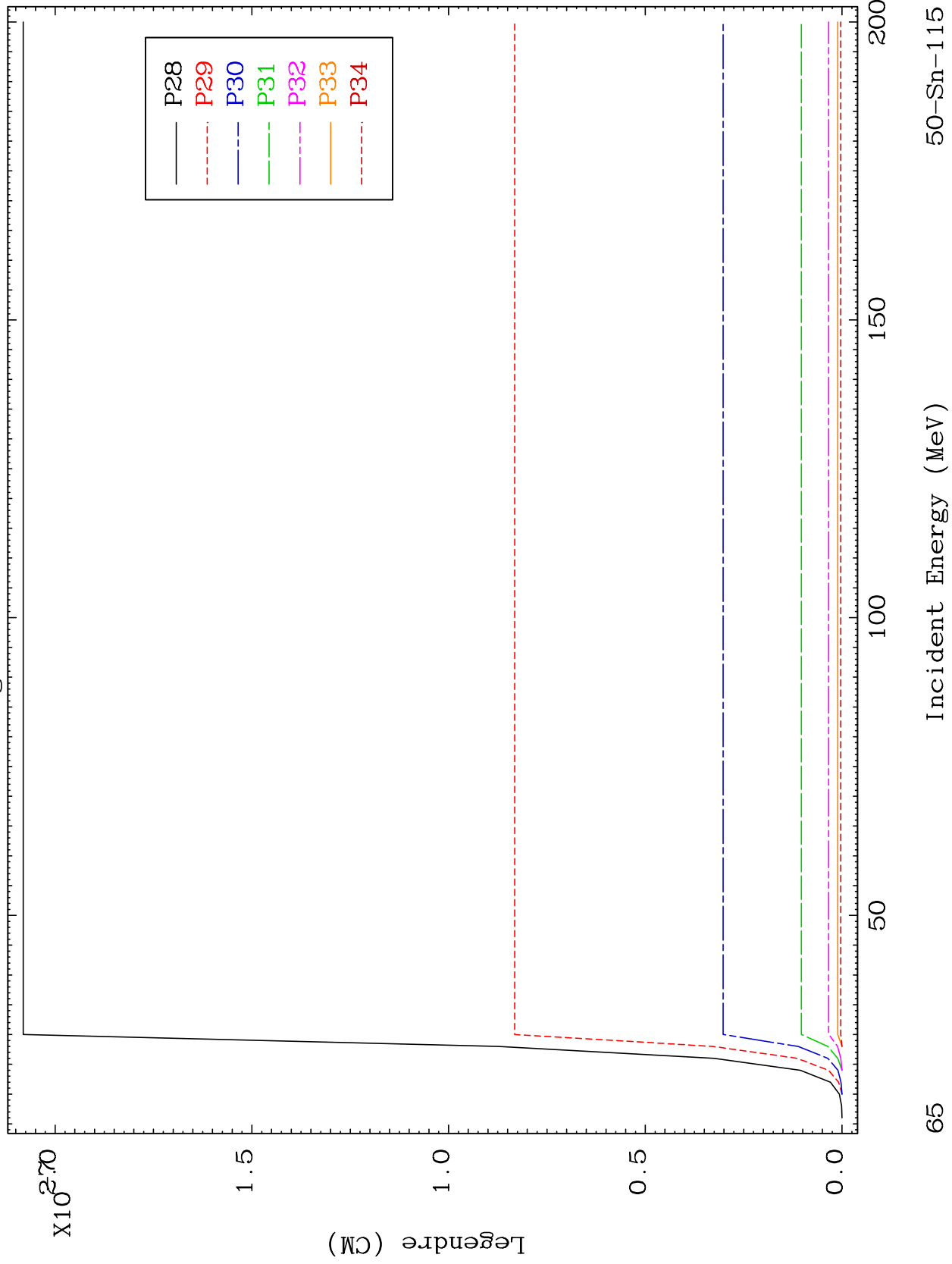


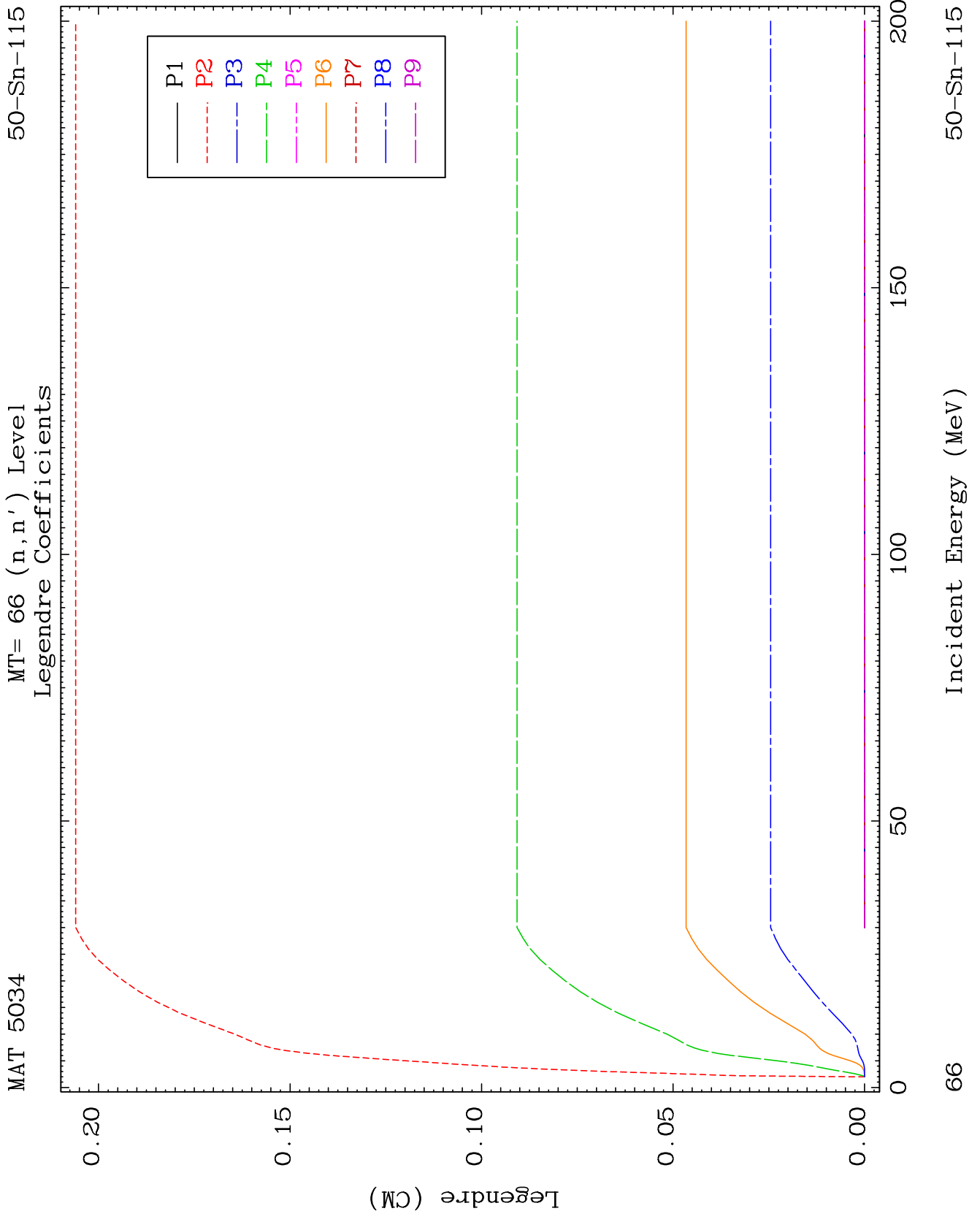


MAT 5034

MT= 65 (n,n') Level  
Legendre Coefficients

50-Sn-115

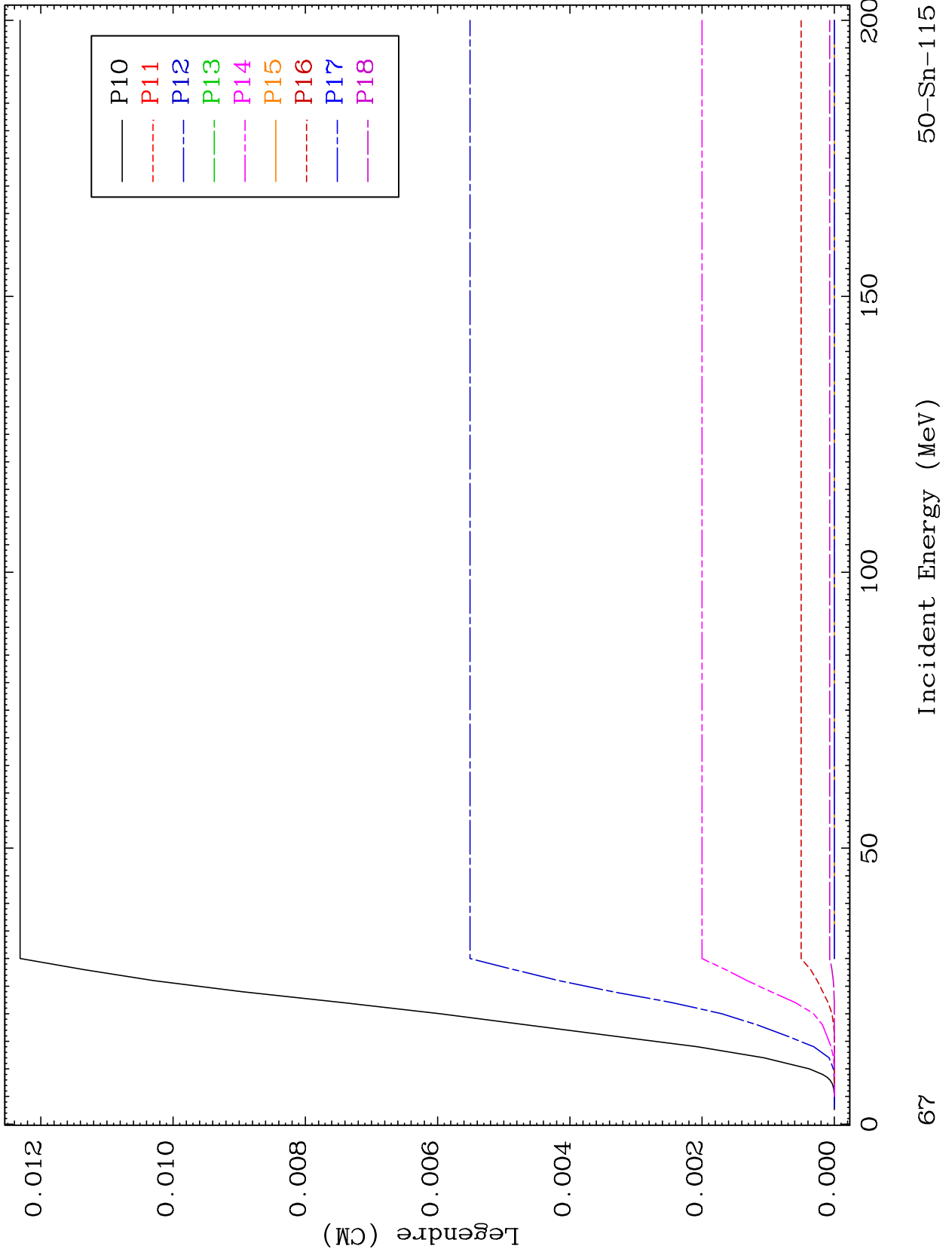


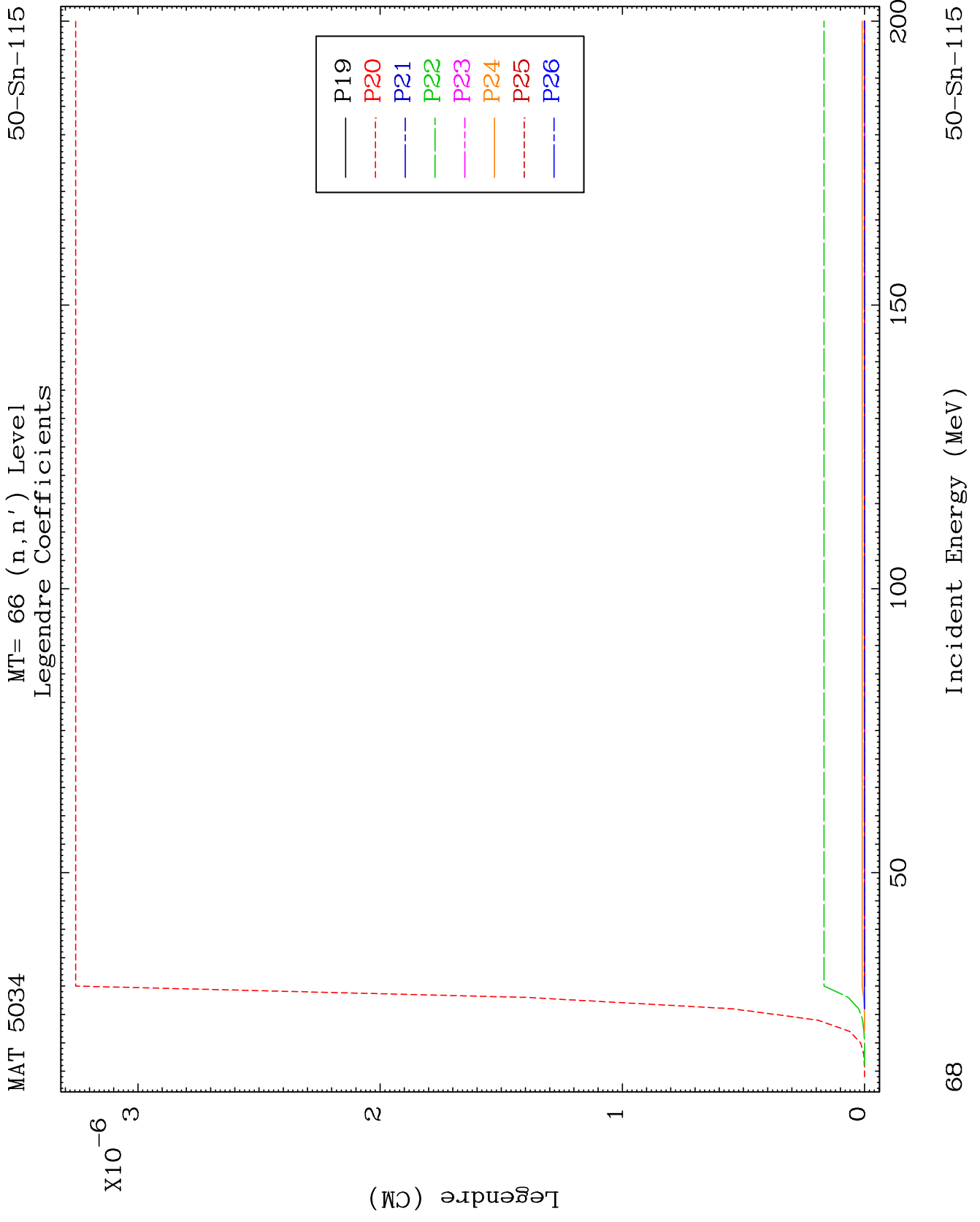


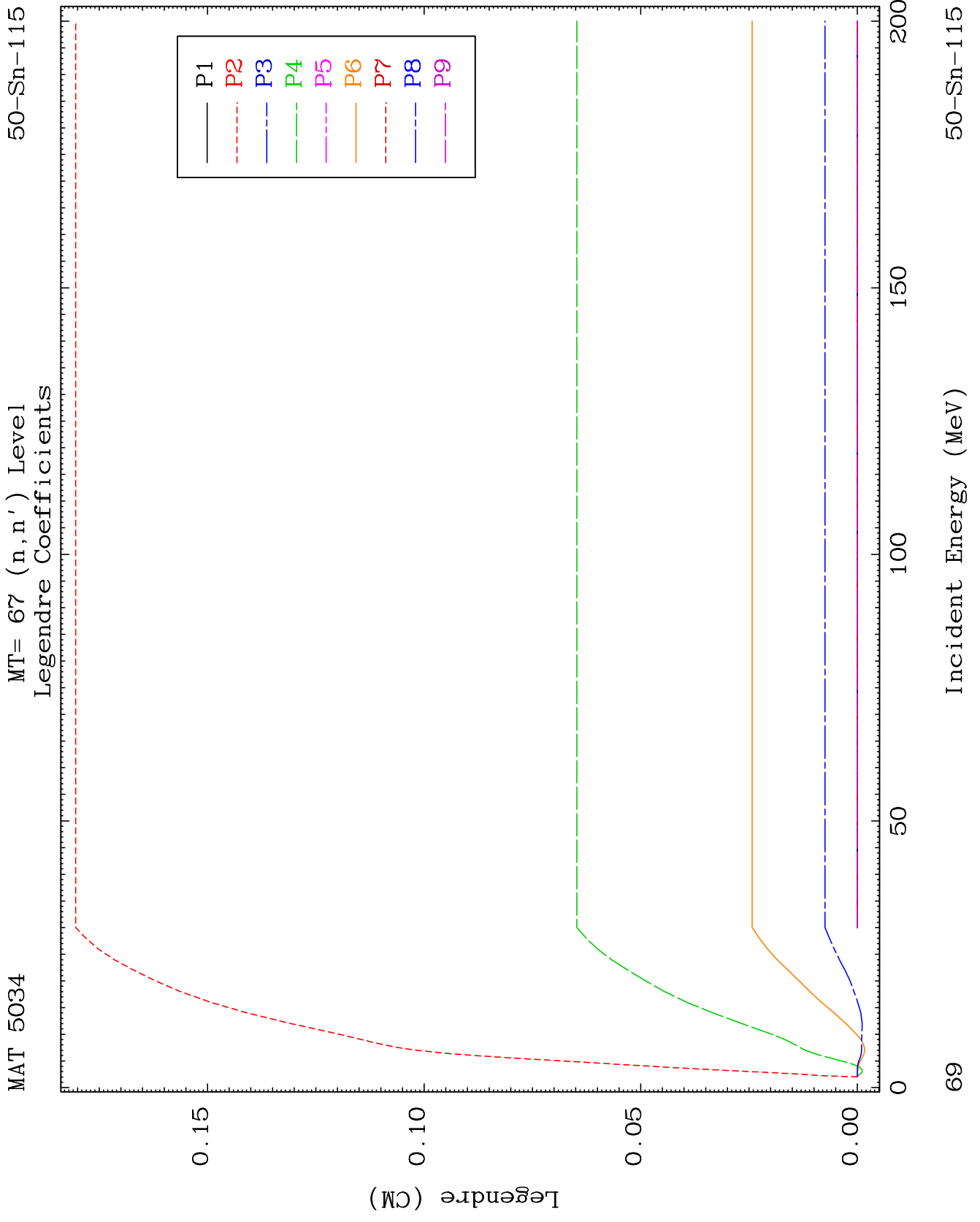
MAT 5034

MT= 66 (n,n') Level  
Legendre Coefficients

50-Sn-115



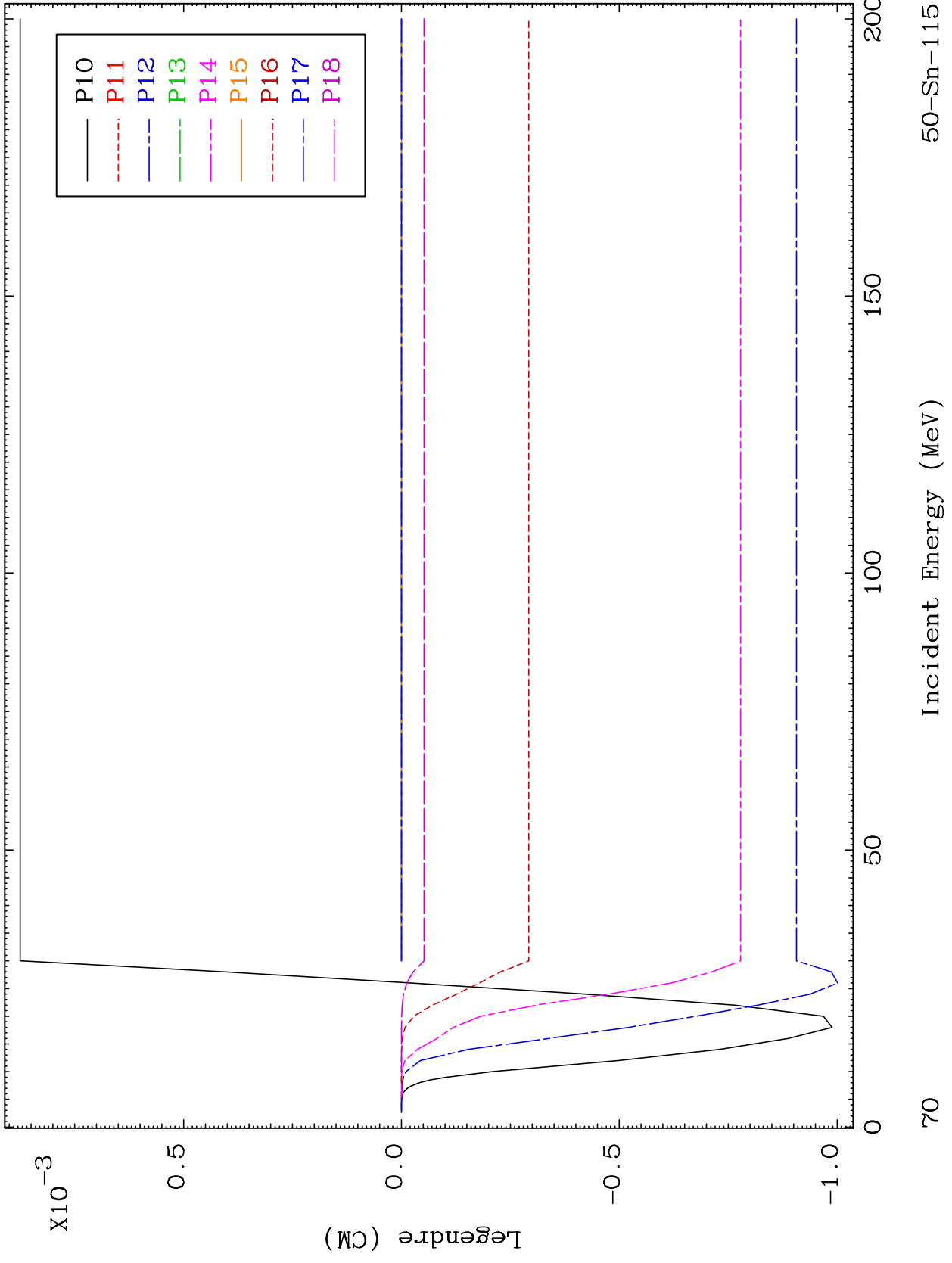




MAT 5034

MT= 67 (n,n') Level  
Legendre Coefficients

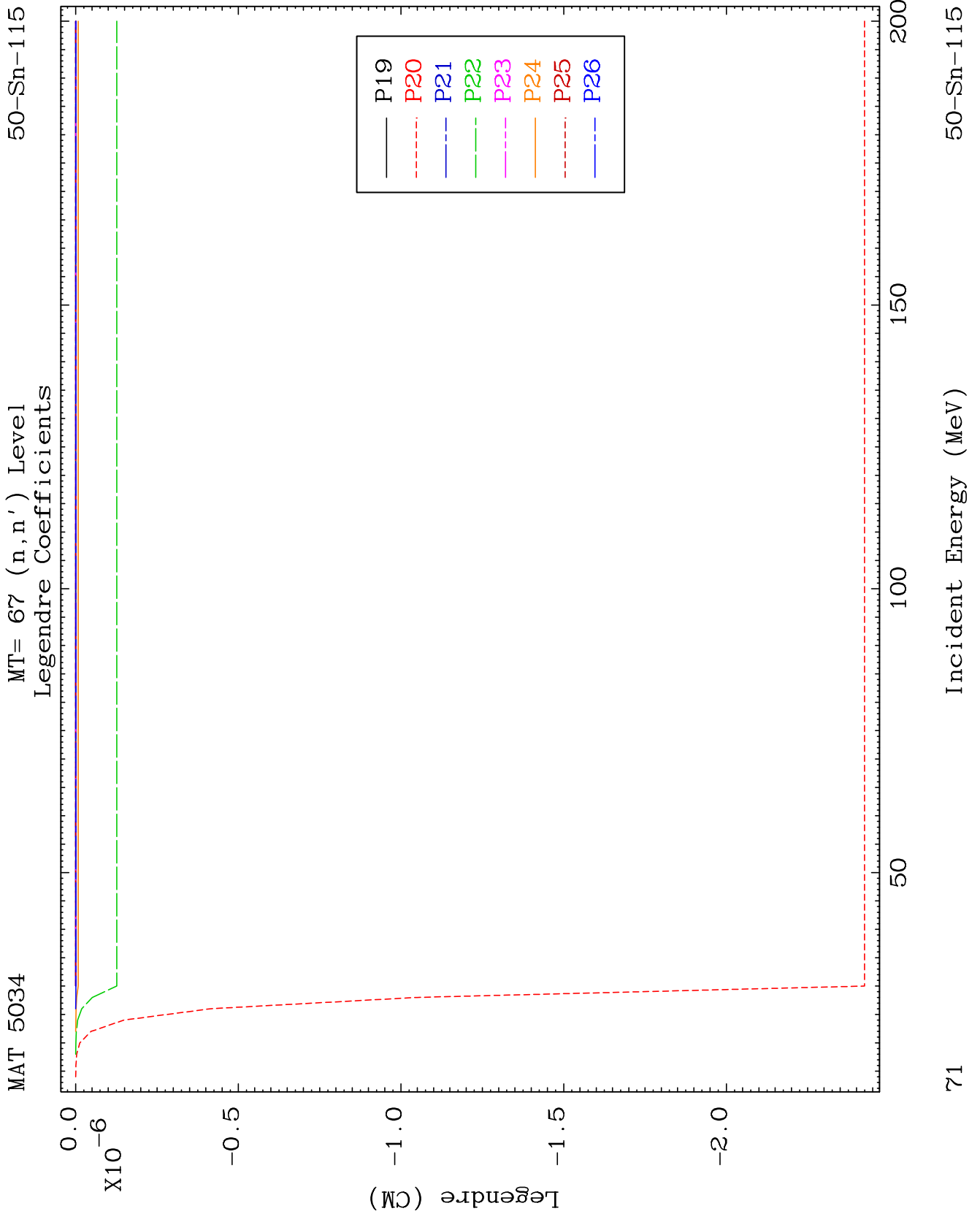
50-Sn-115



50-Sn-115

Incident Energy (MeV)

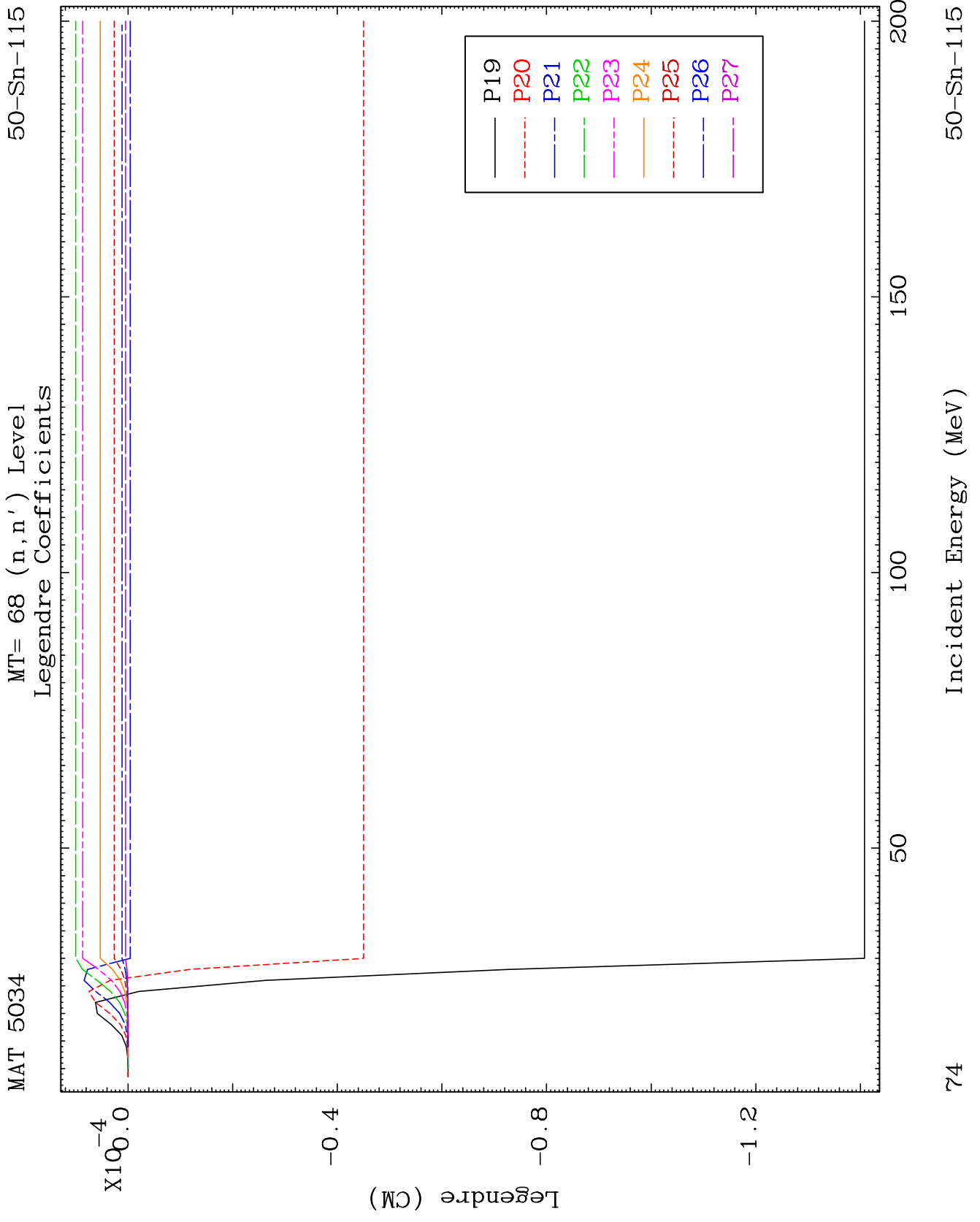
70







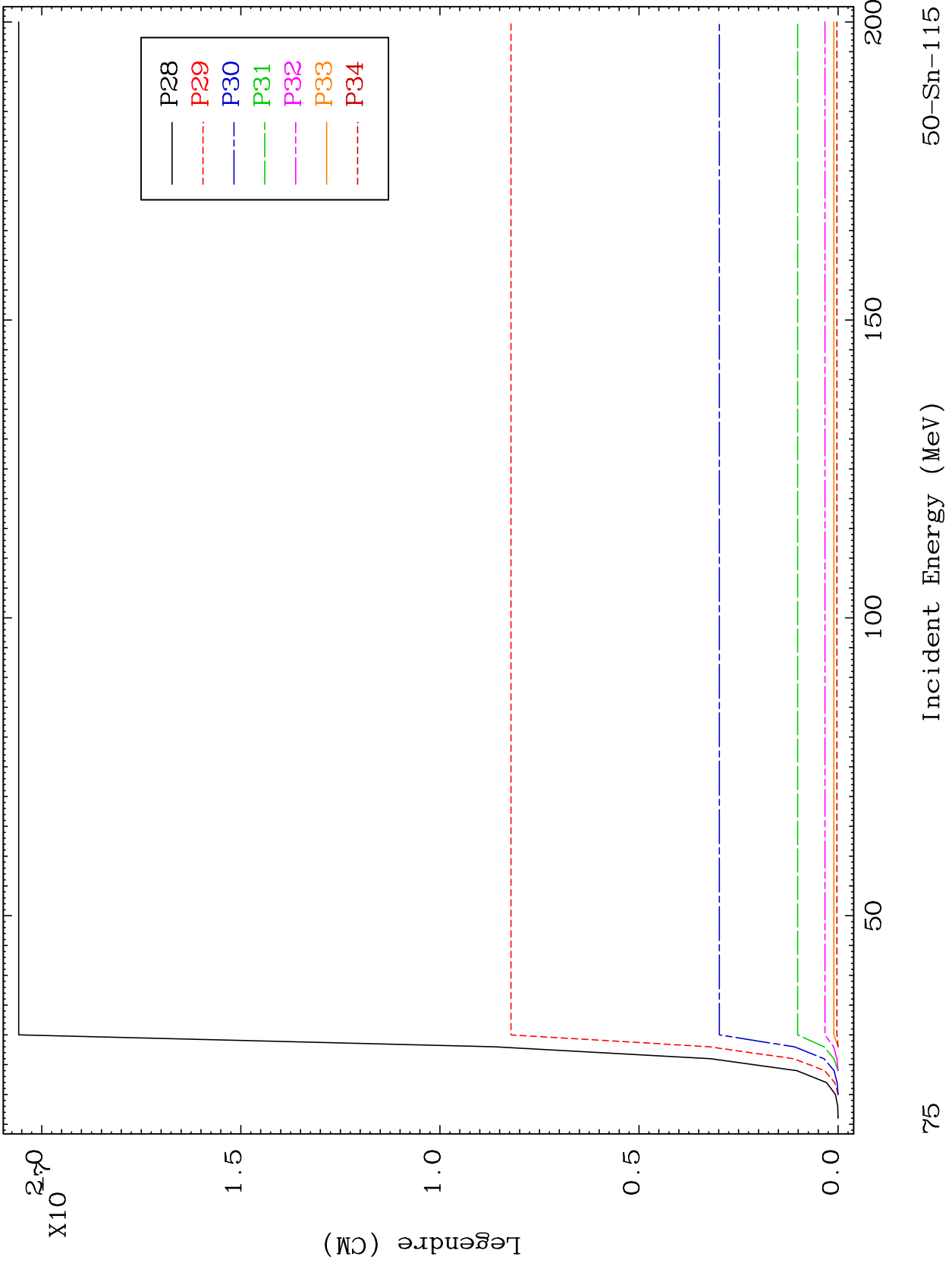




MAT 5034

MT= 68 (n,n') Level  
Legendre Coefficients

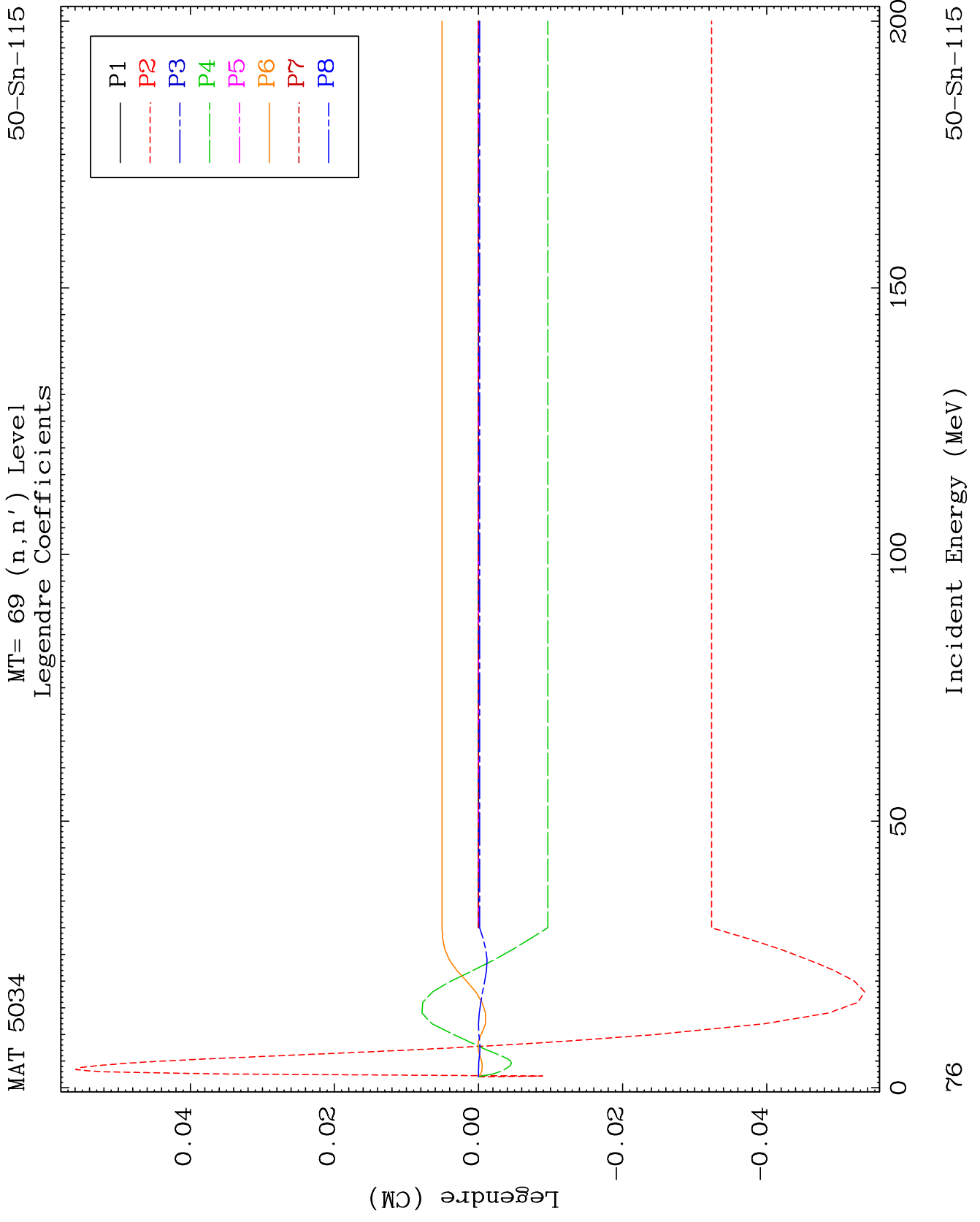
50-Sn-115

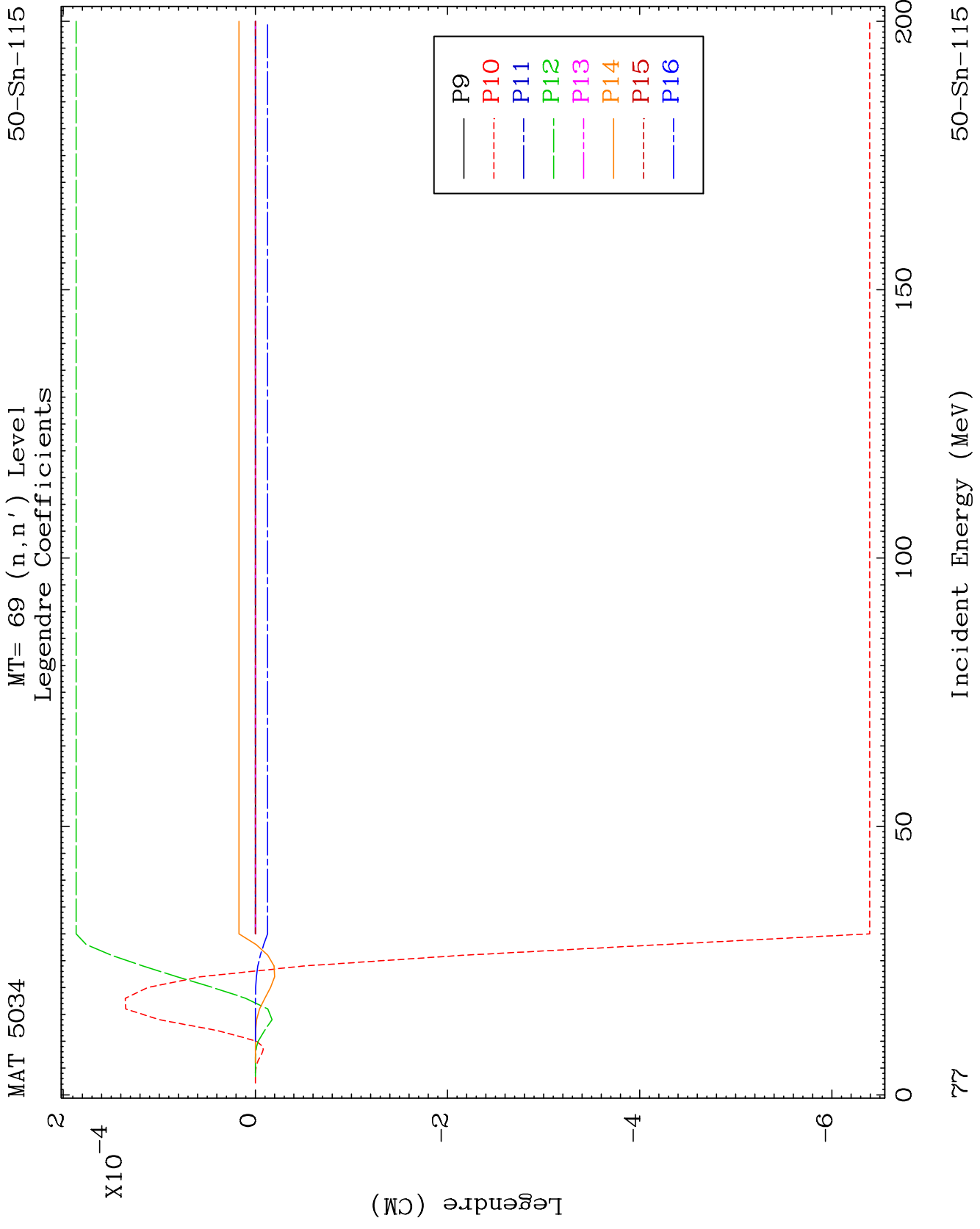


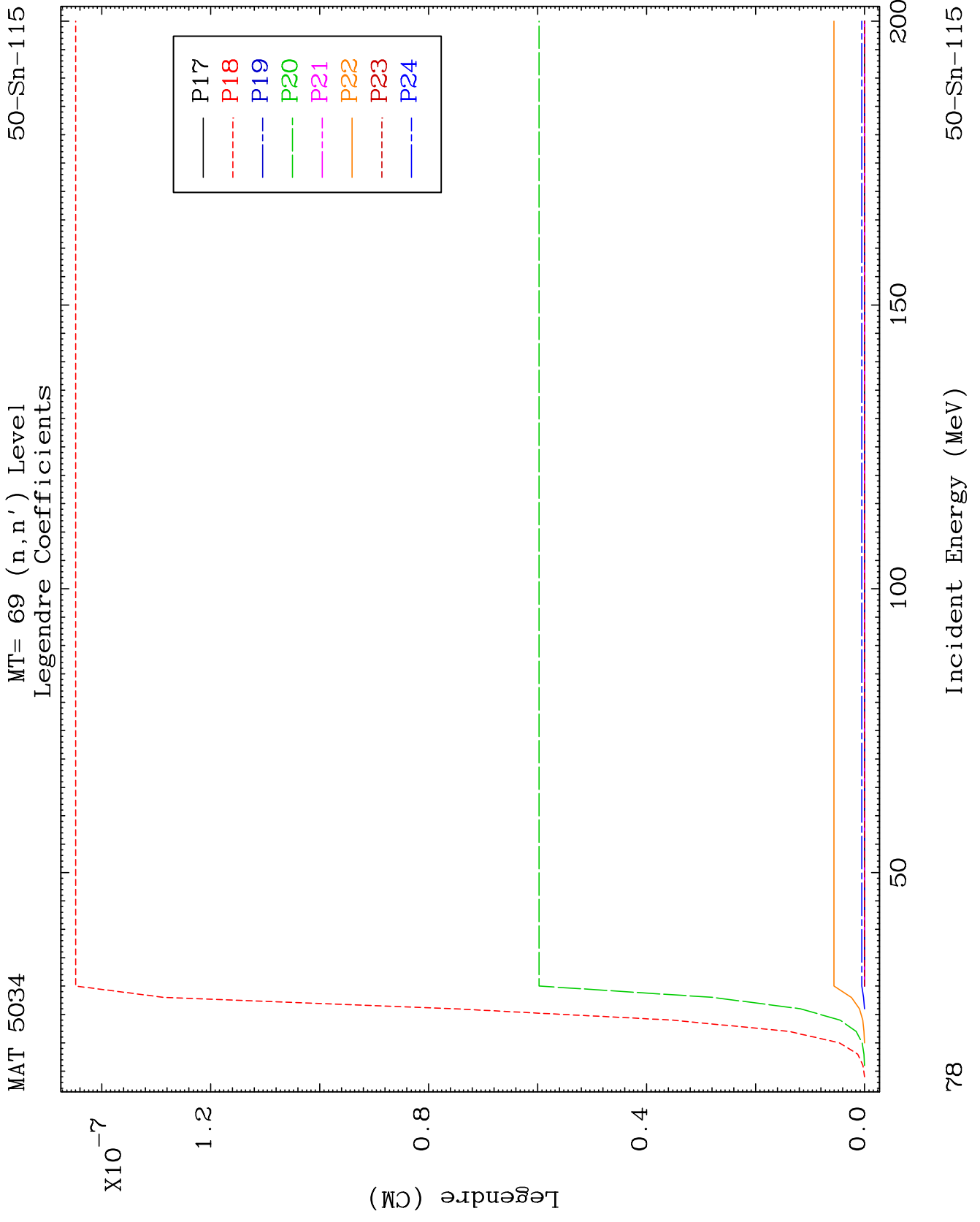
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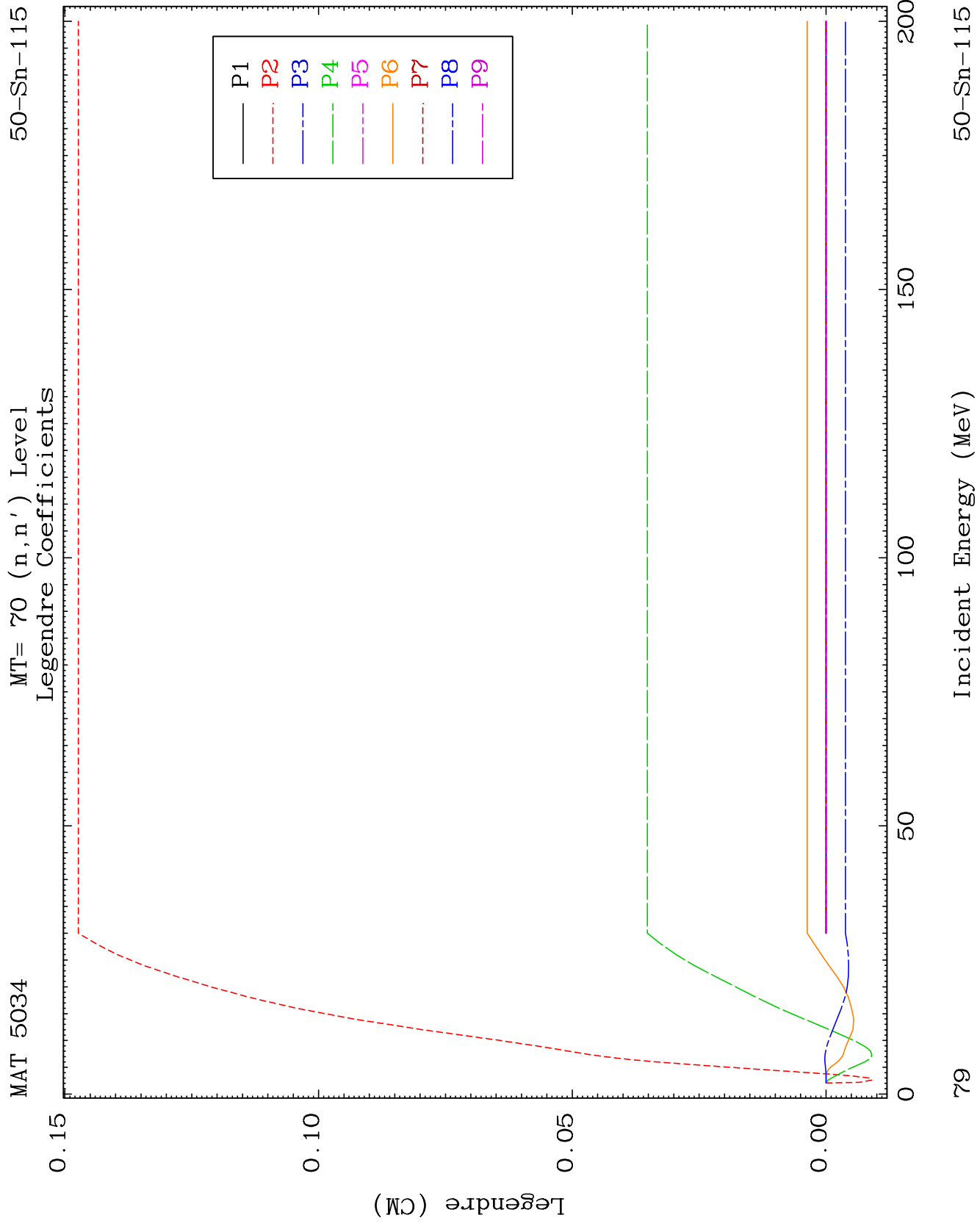
Incident Energy (MeV)

50-Sn-115



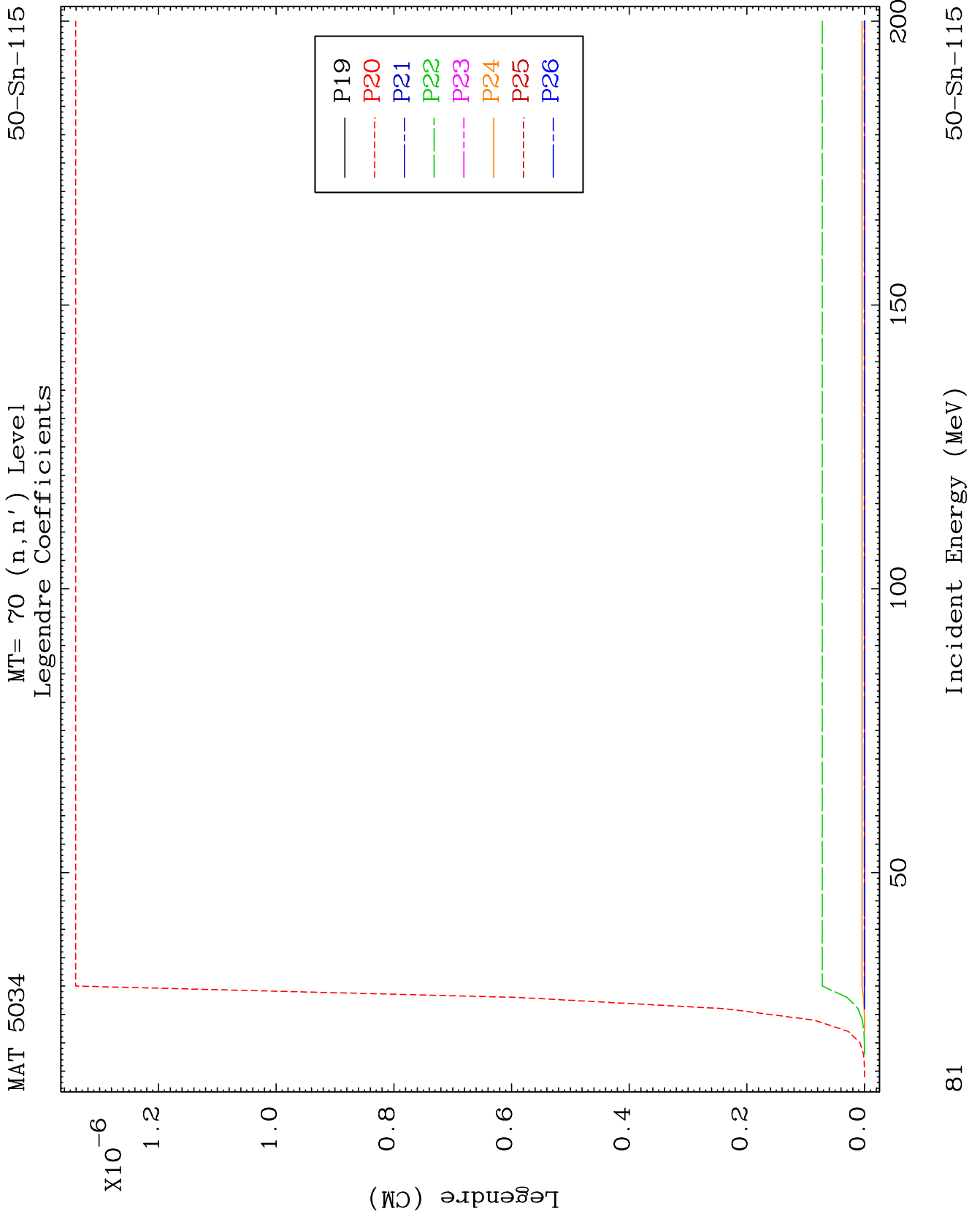


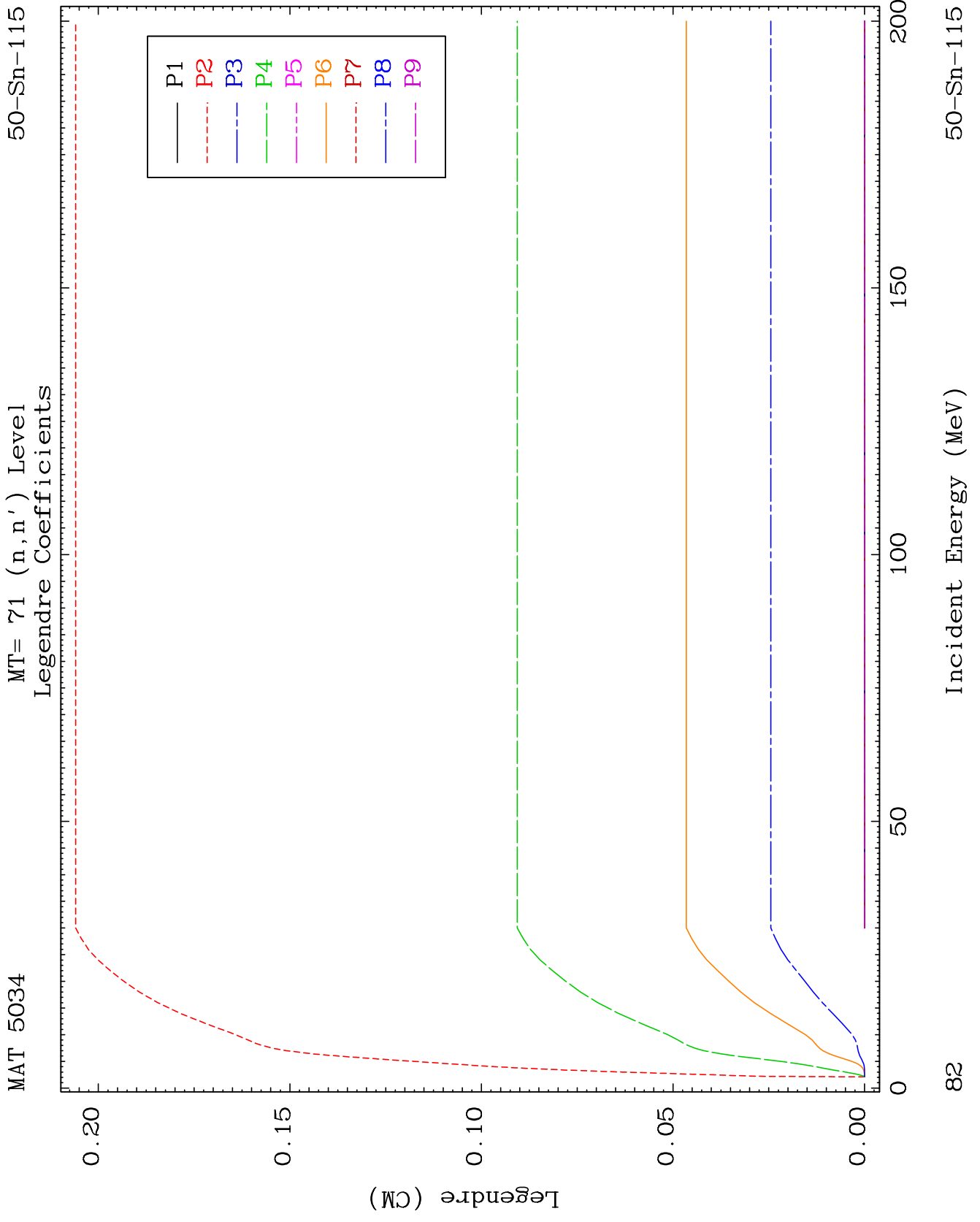








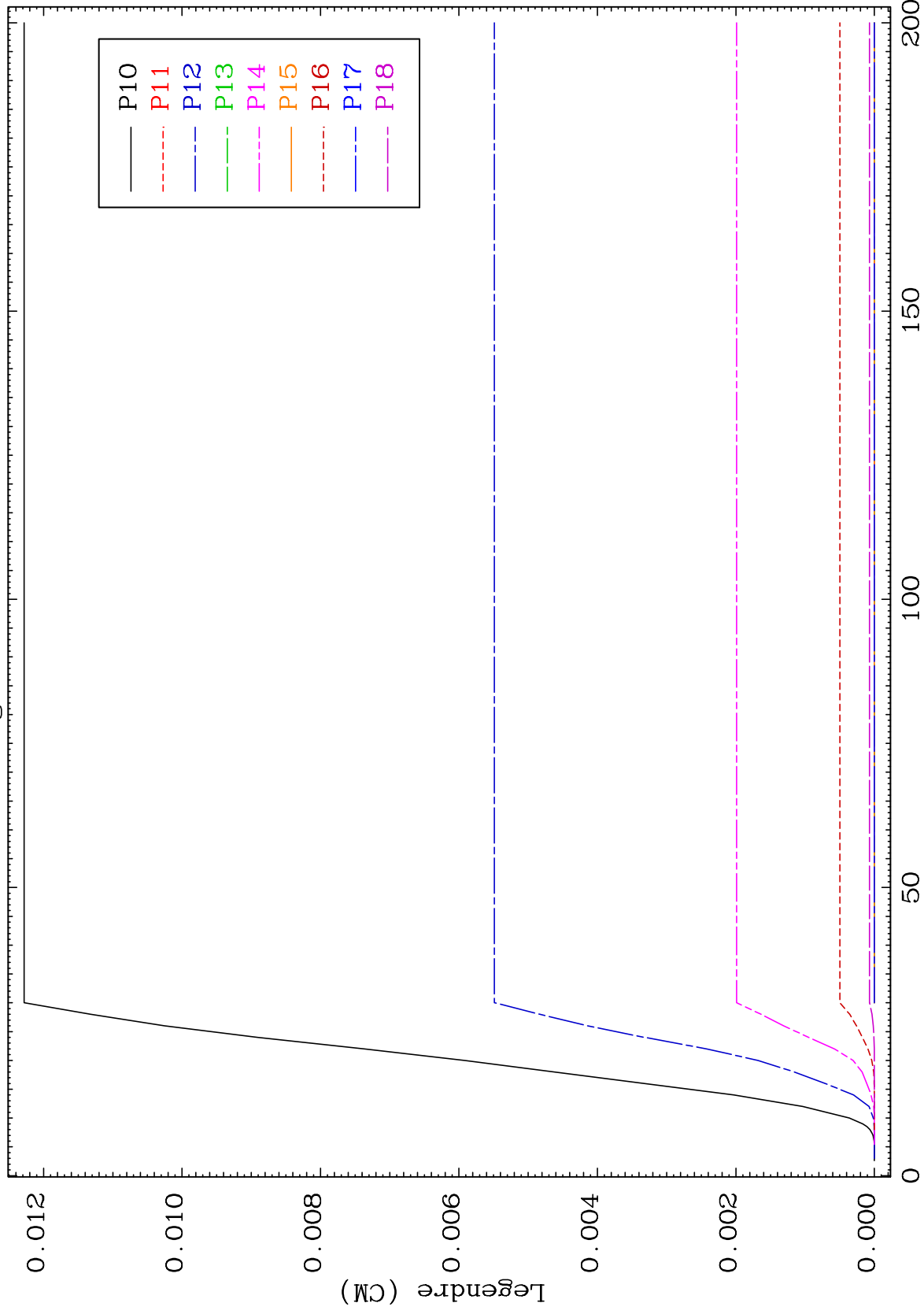




MAT 5034

MT= 71 (n,n') Level  
Legendre Coefficients

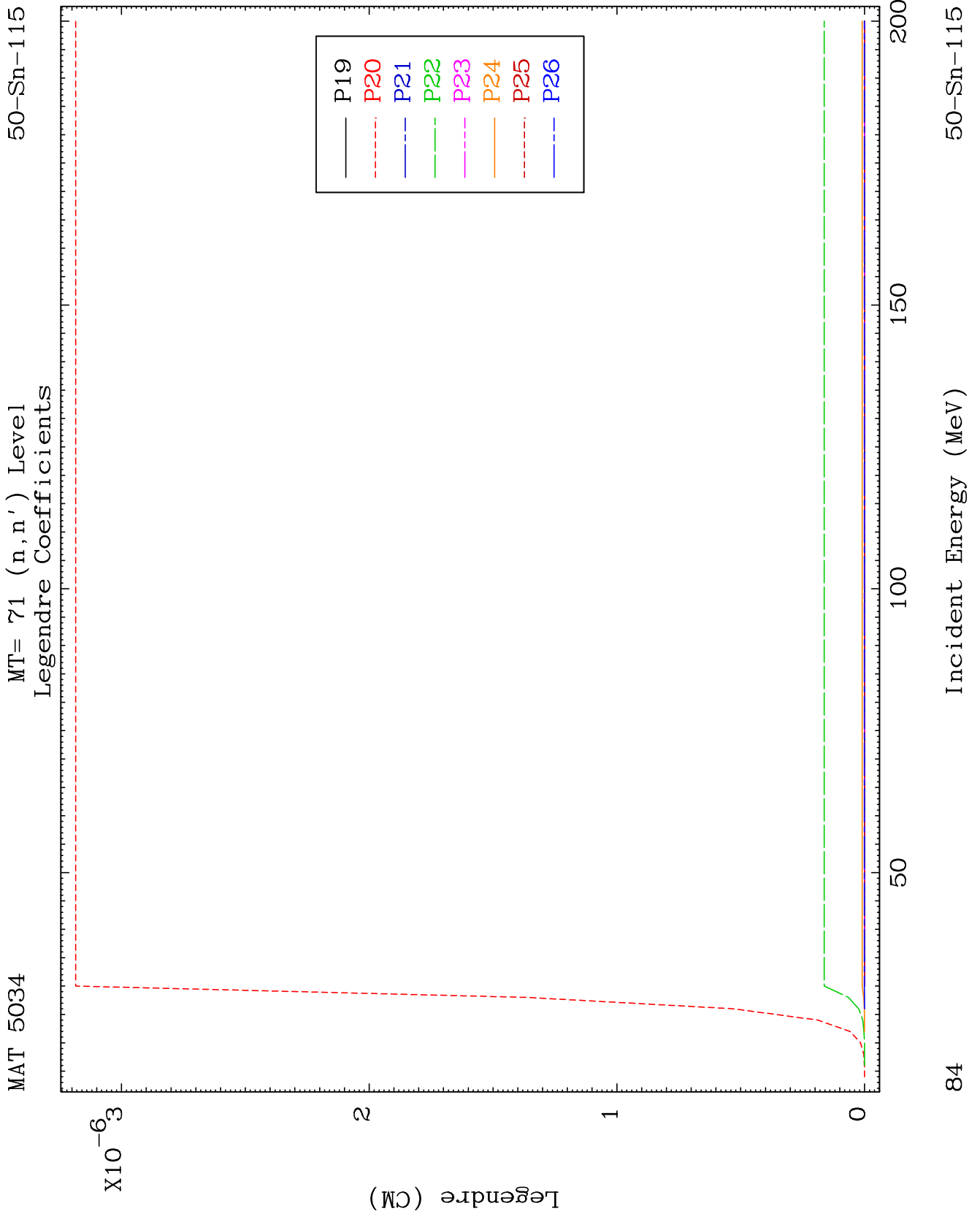
50-Sn-115

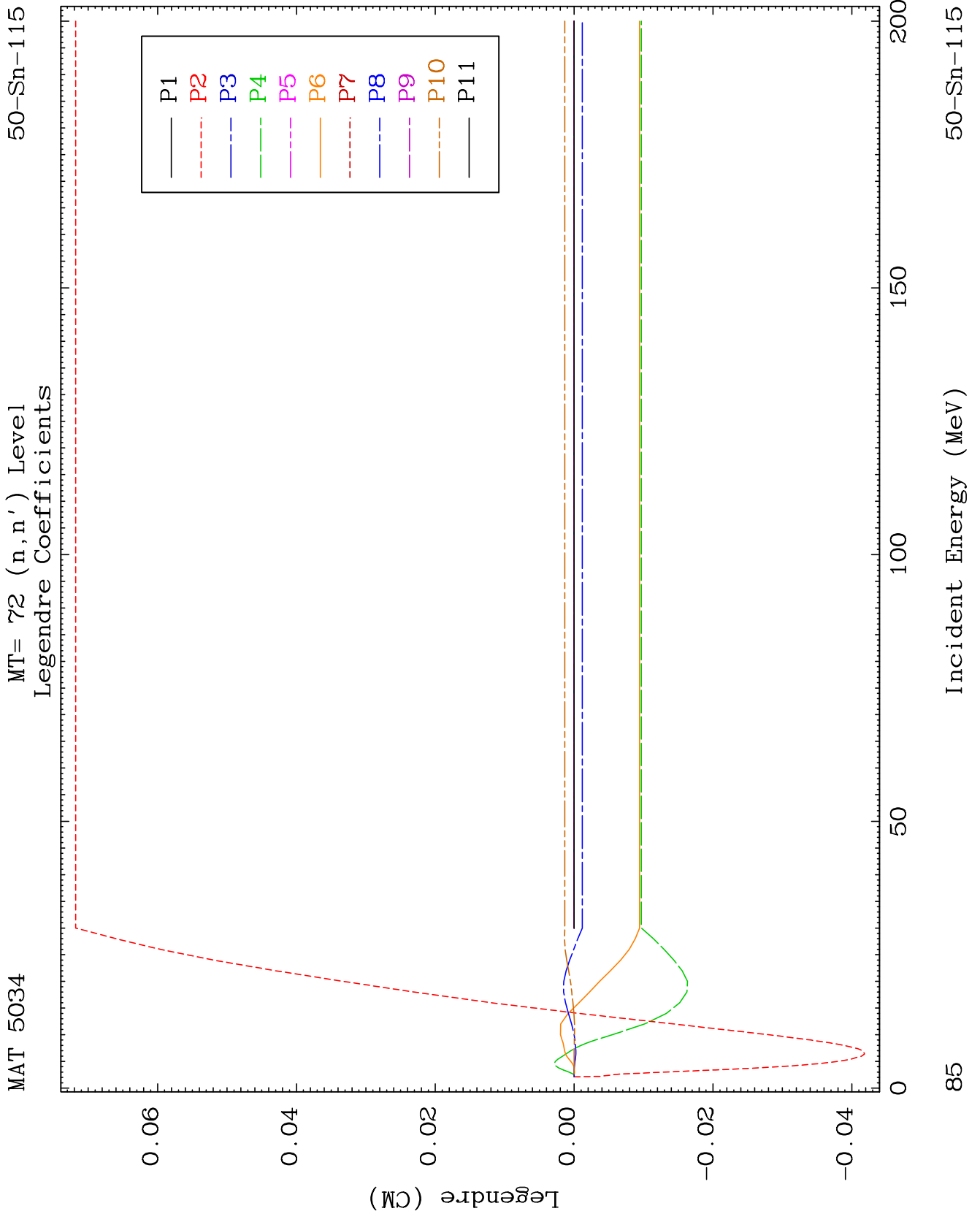


83

Incident Energy (MeV)

50-Sn-115

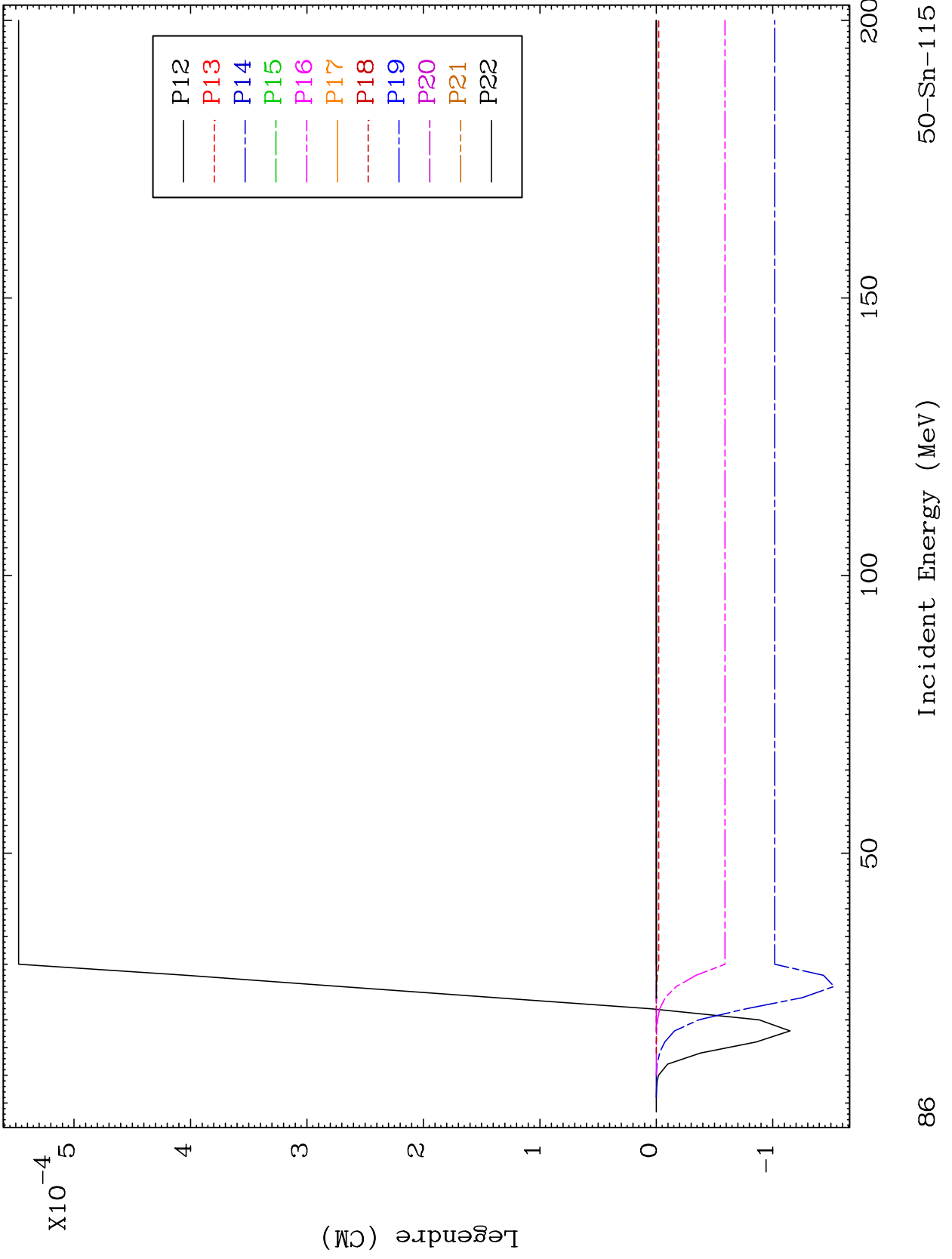




MAT 5034

MT= 72 (n,n') Level  
Legendre Coefficients

50-Sn-115



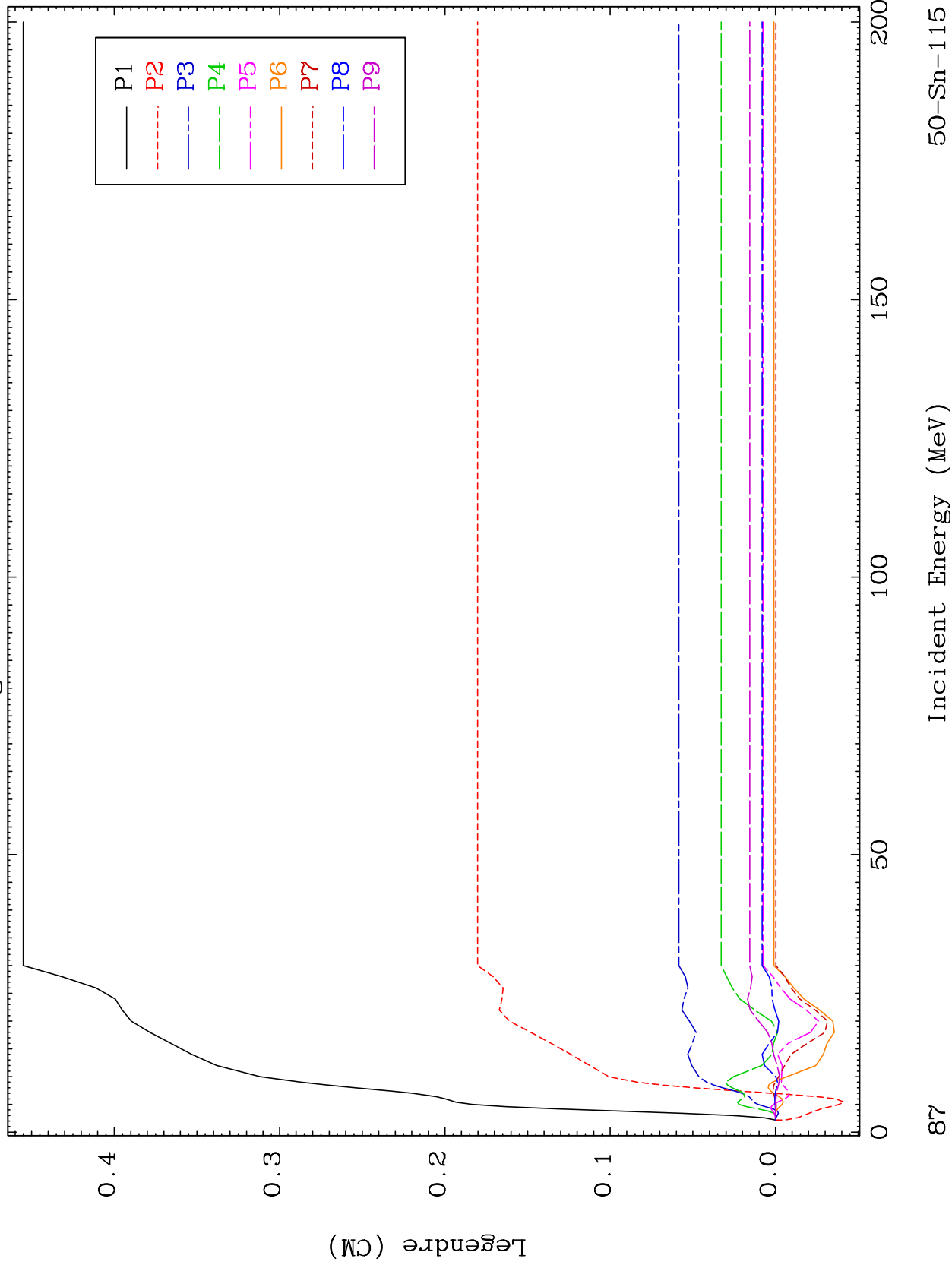
86

50-Sn-115

MAT 5034

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-115



50-Sn-115

Incident Energy (MeV)

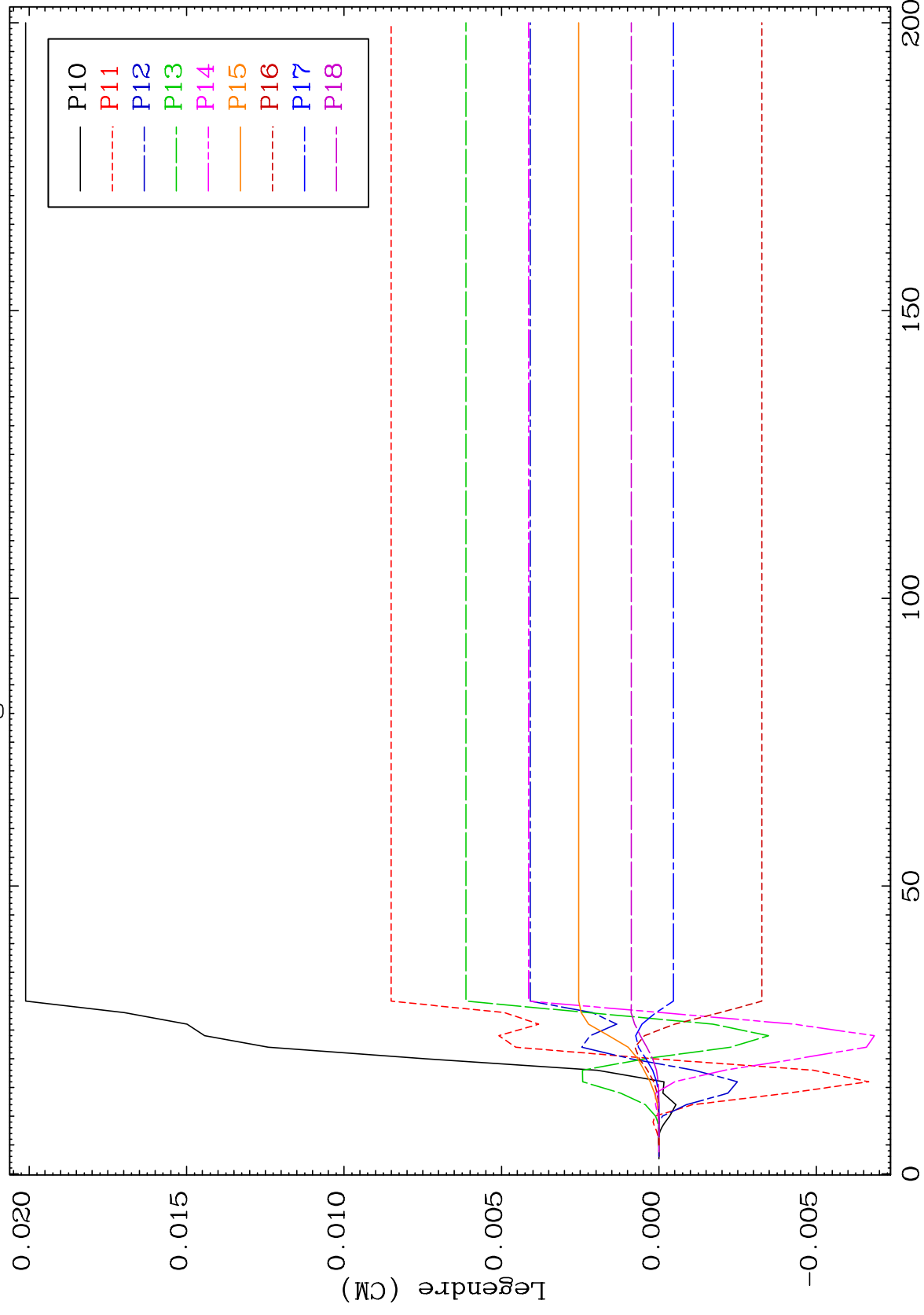
87



MAT 5034

MT= 73 (n,n') Level  
Legendre Coefficients

50-Sn-115



88

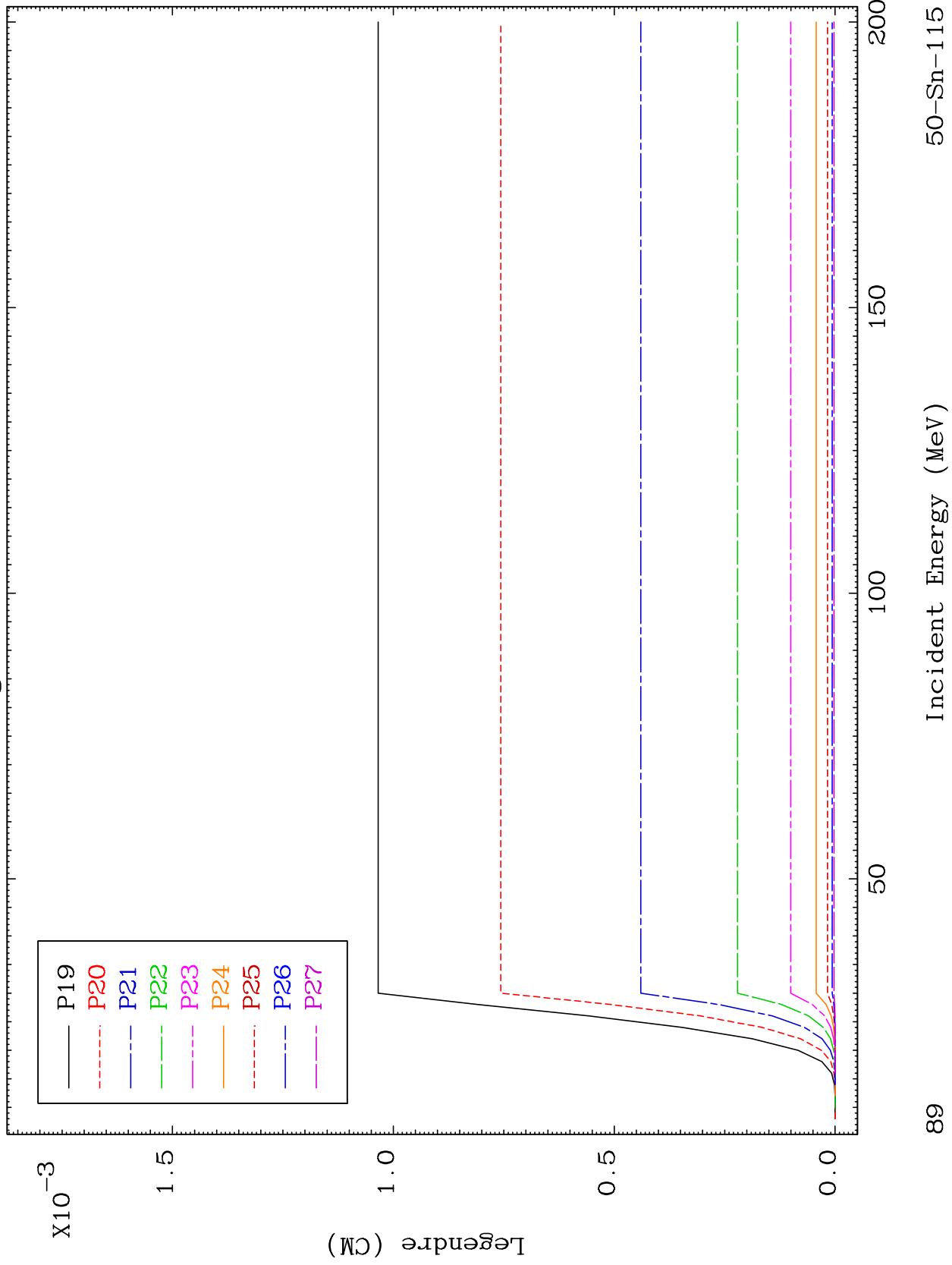
Incident Energy (MeV)

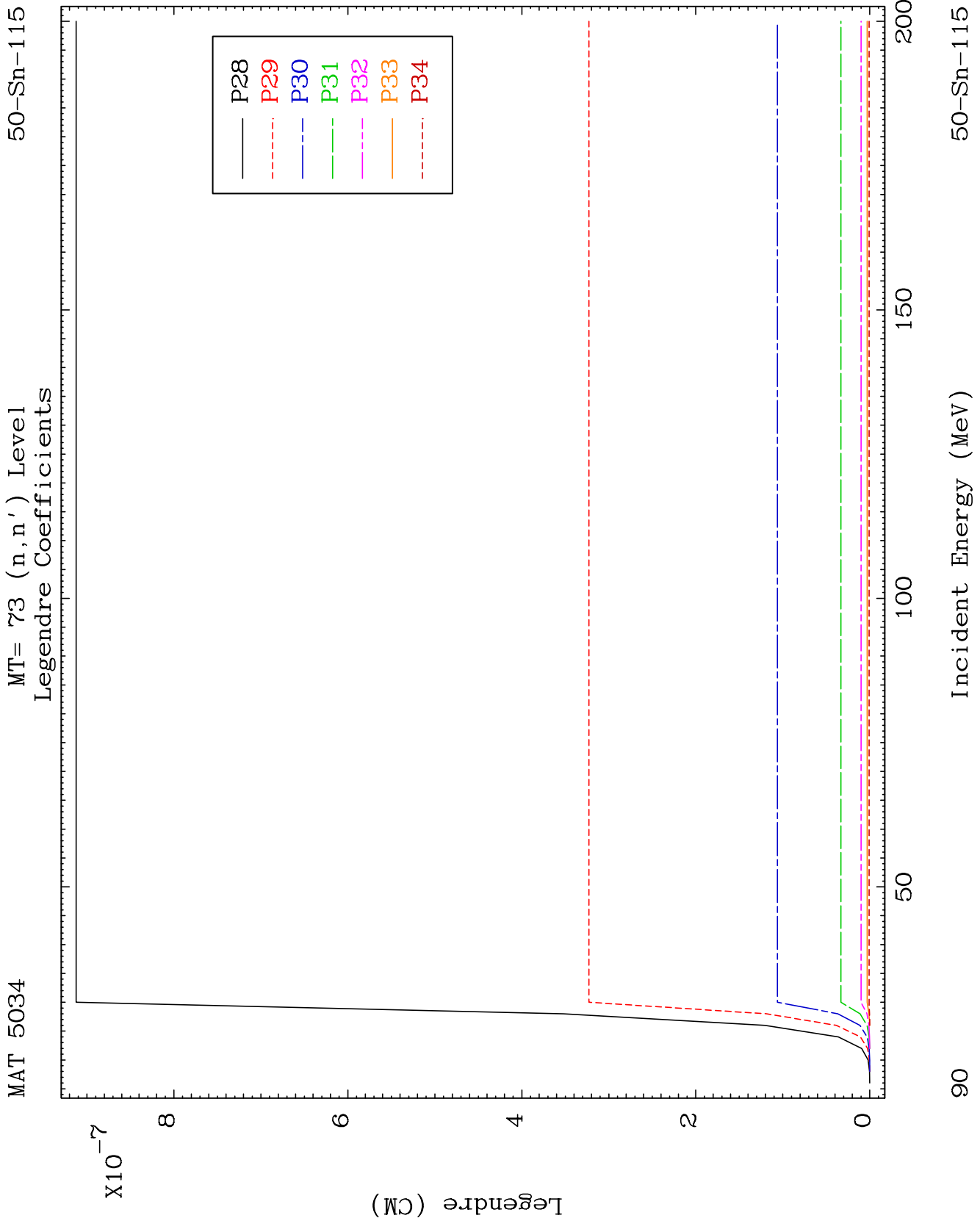
50-Sn-115

MAT 5034

MT= 73 (n,n') Level  
Legendre Coefficients

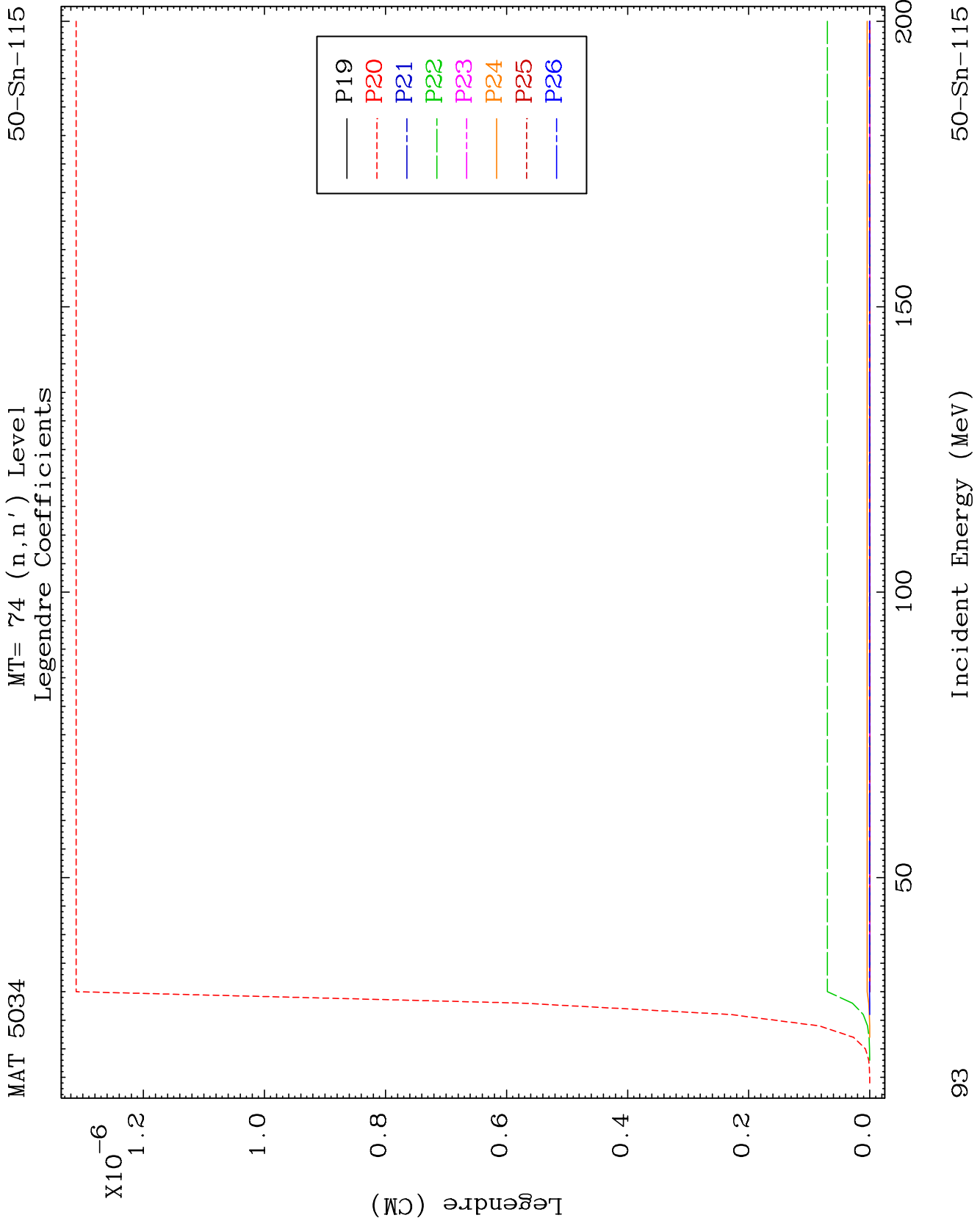
50-Sn-115







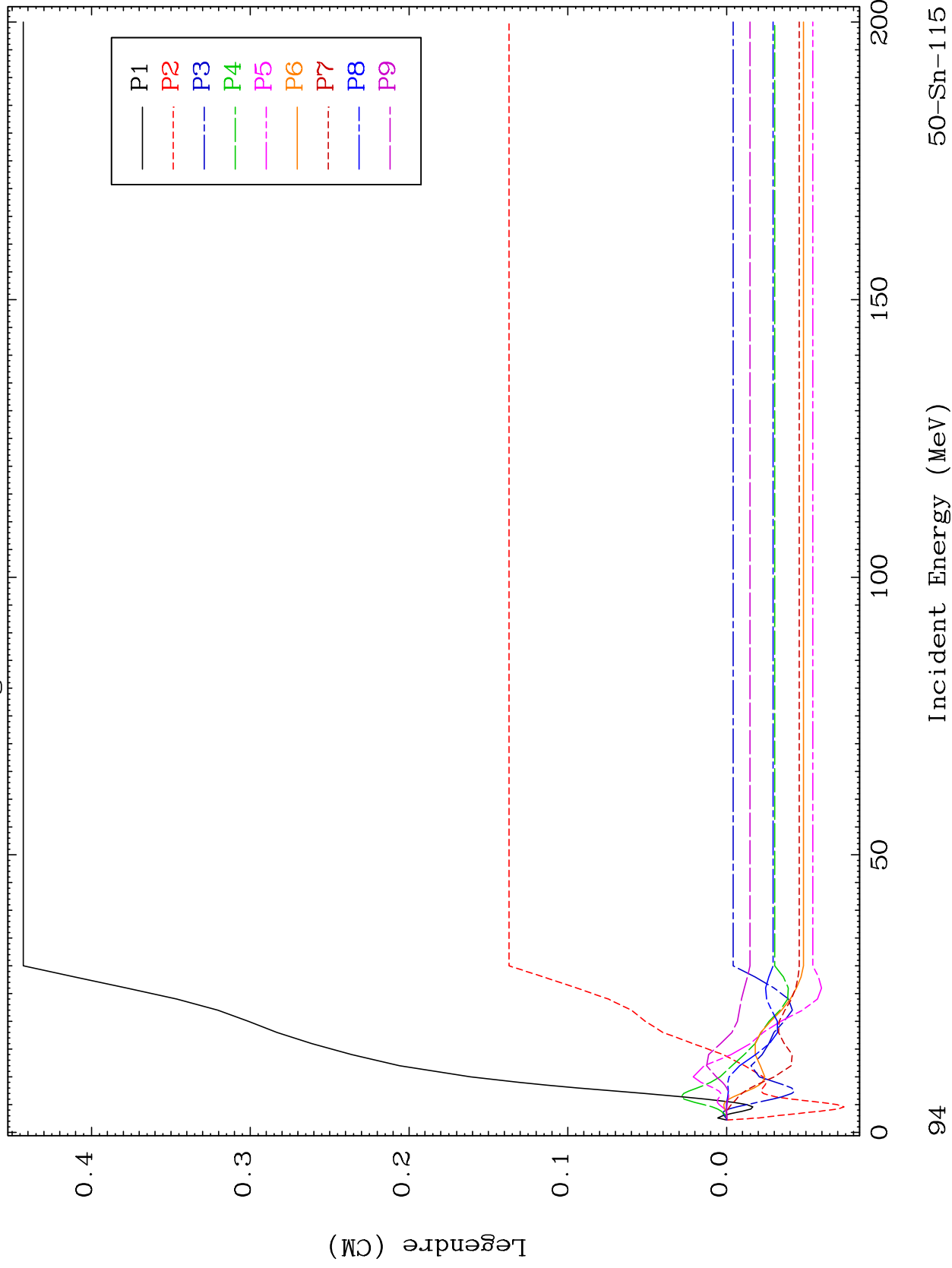




MAT 5034

MT= 75 (n,n') Level  
Legendre Coefficients

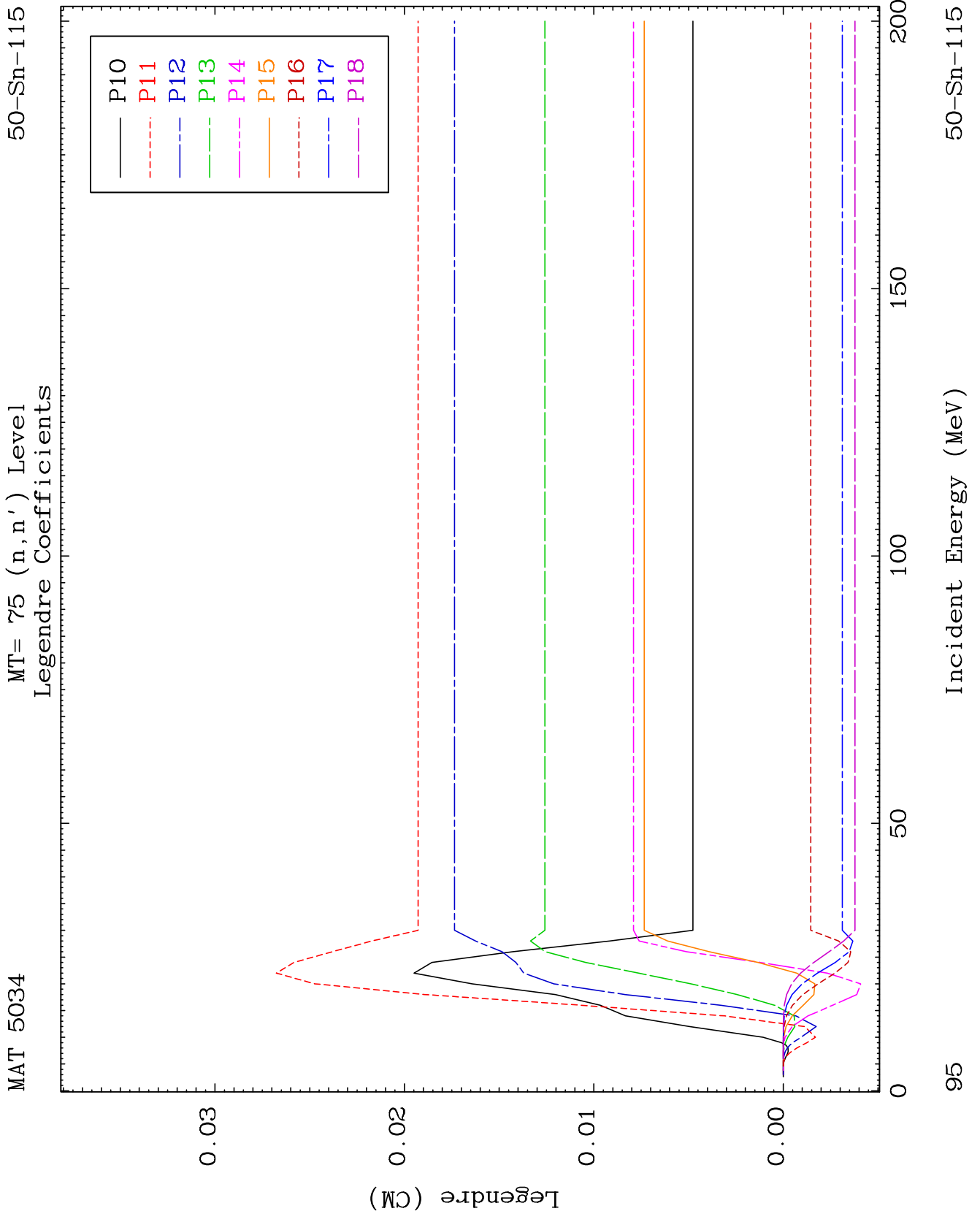
50-Sn-115



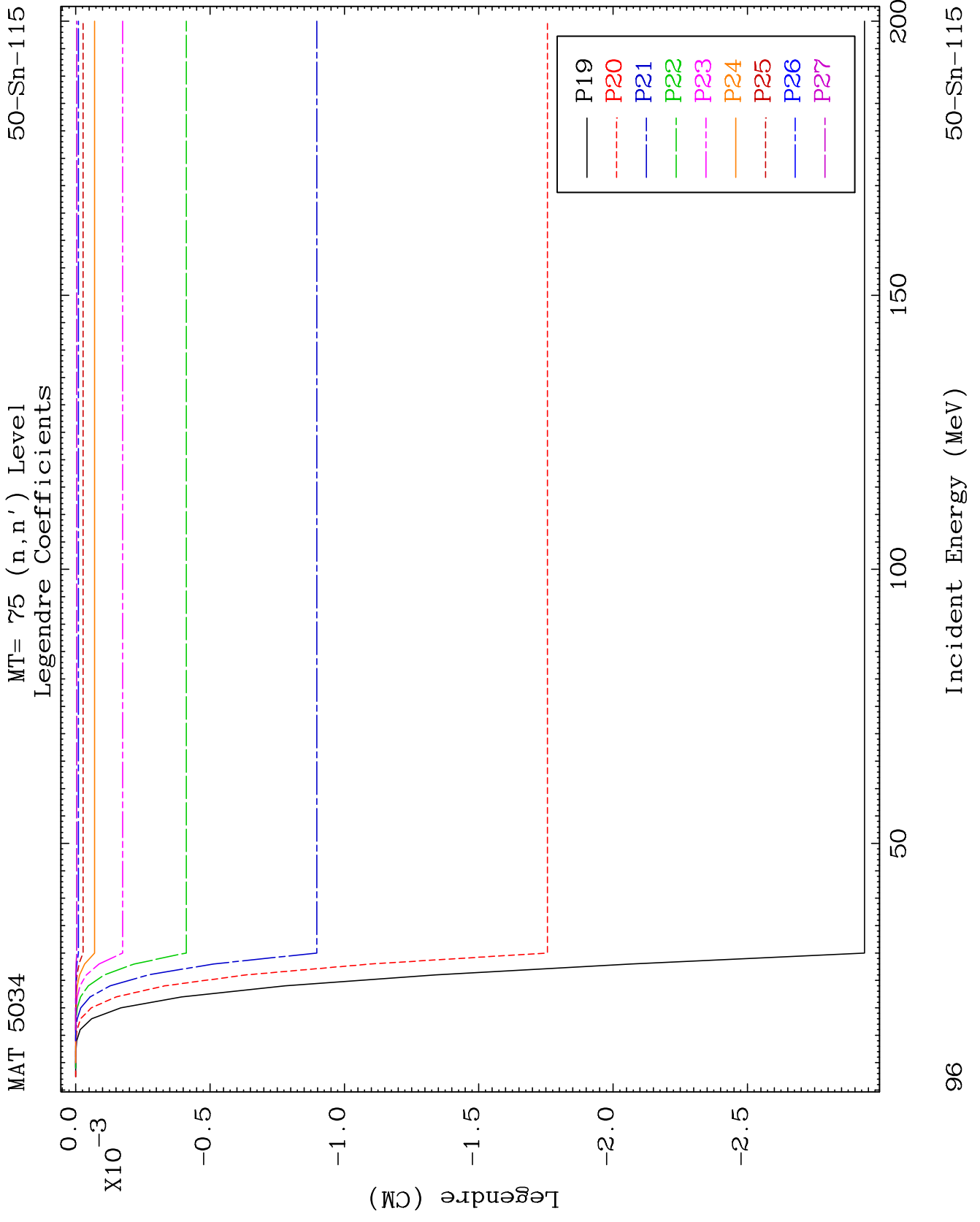
94

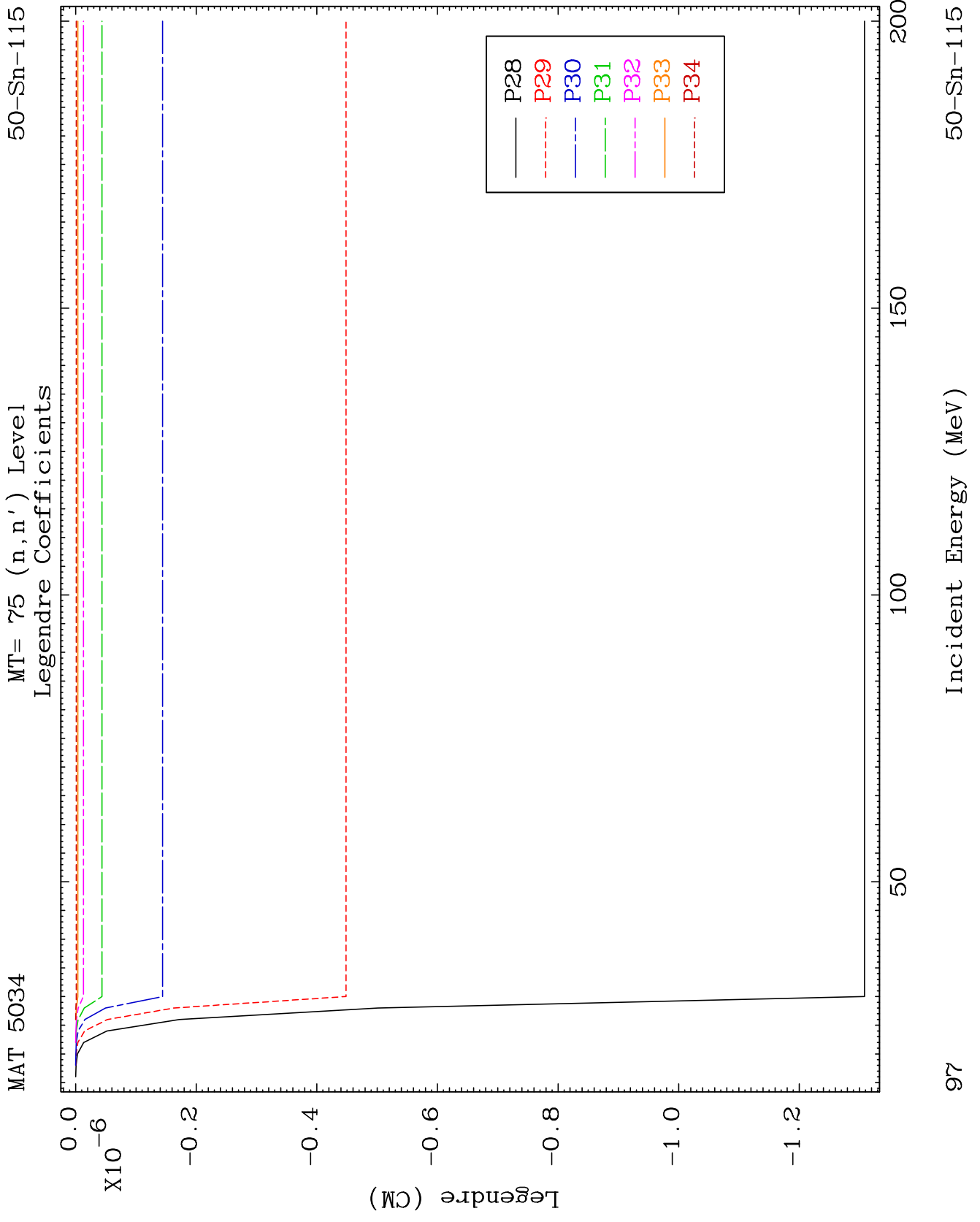
Incident Energy (MeV)

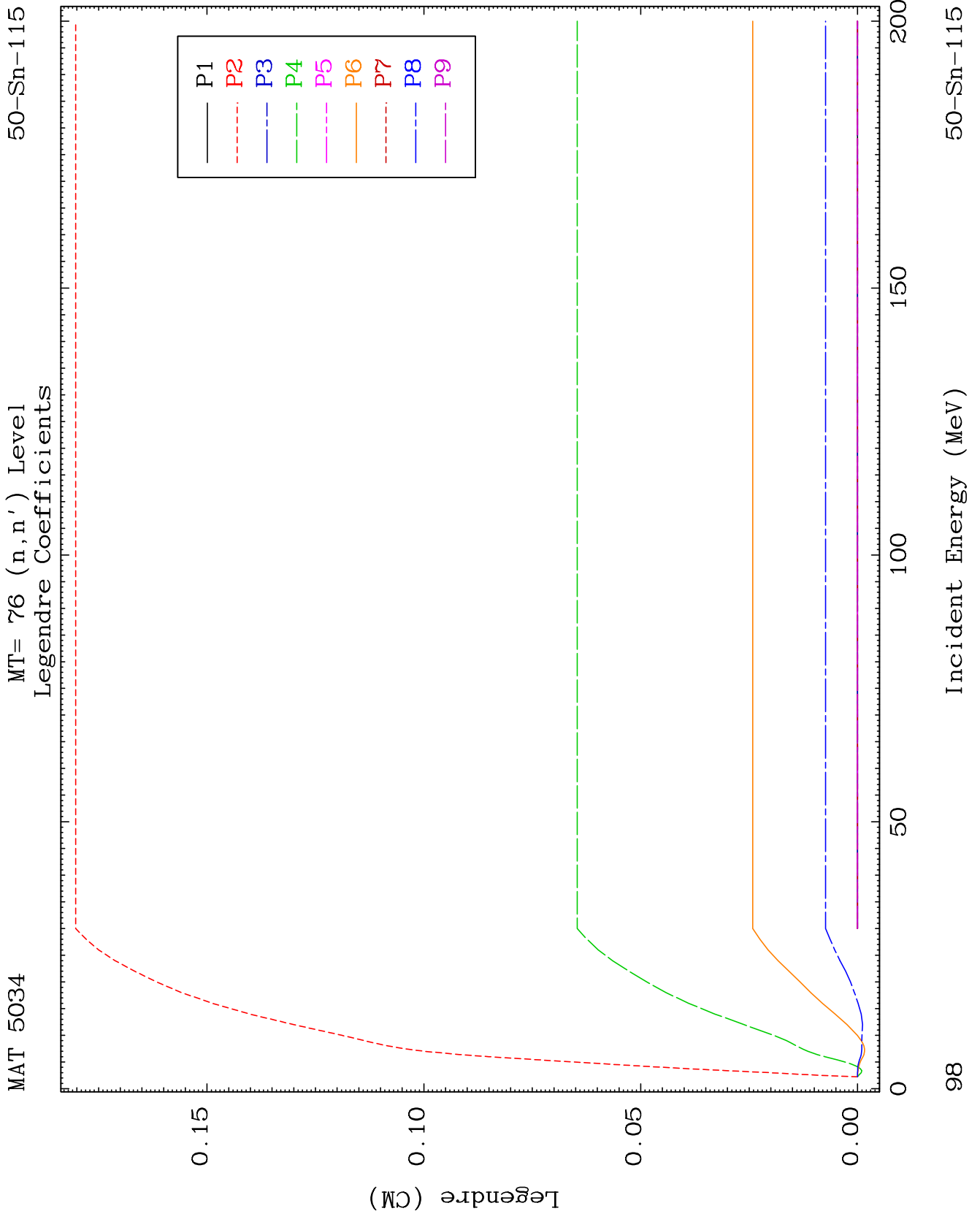
50-Sn-115







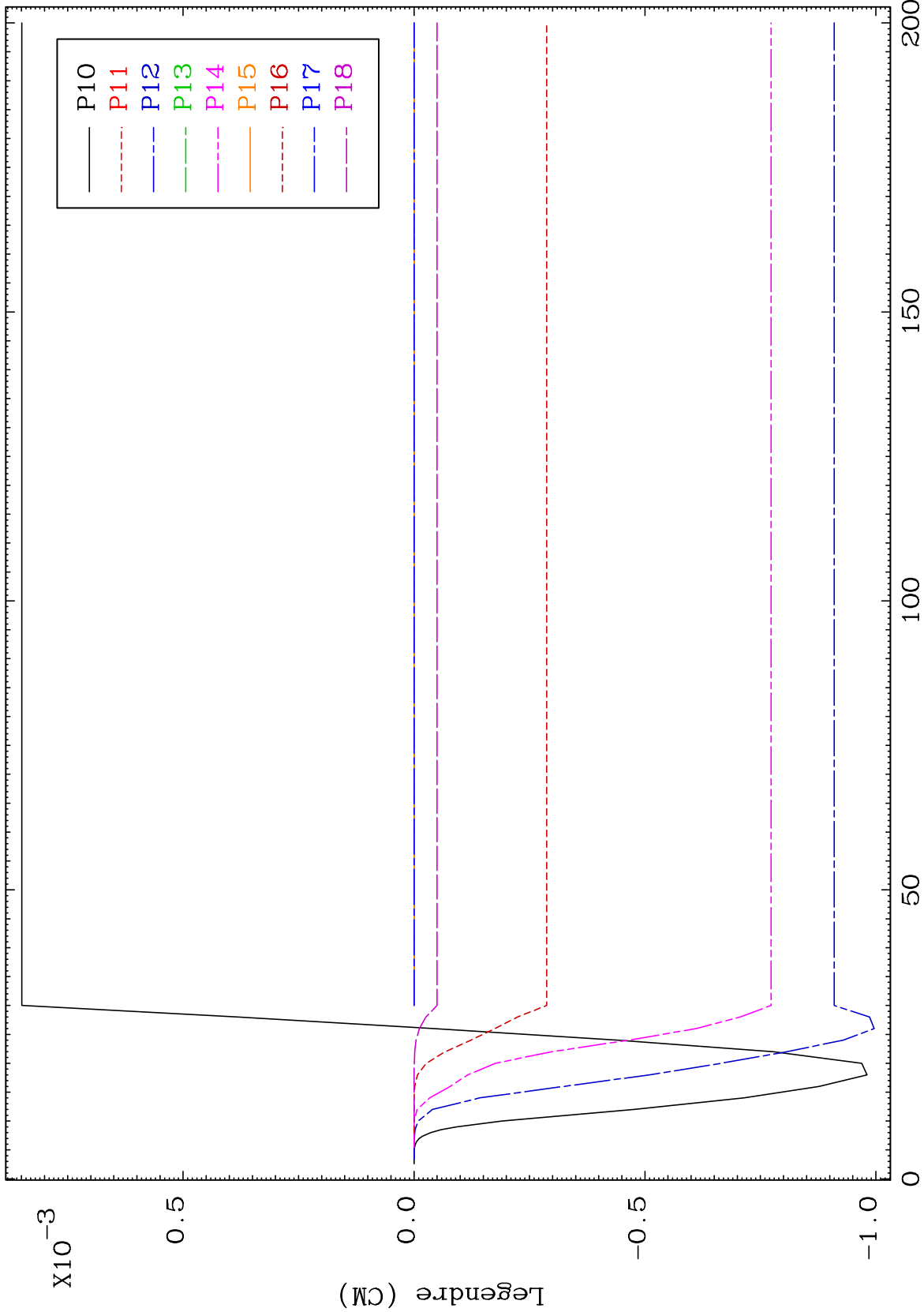




MAT 5034

MT= 76 (n,n') Level  
Legendre Coefficients

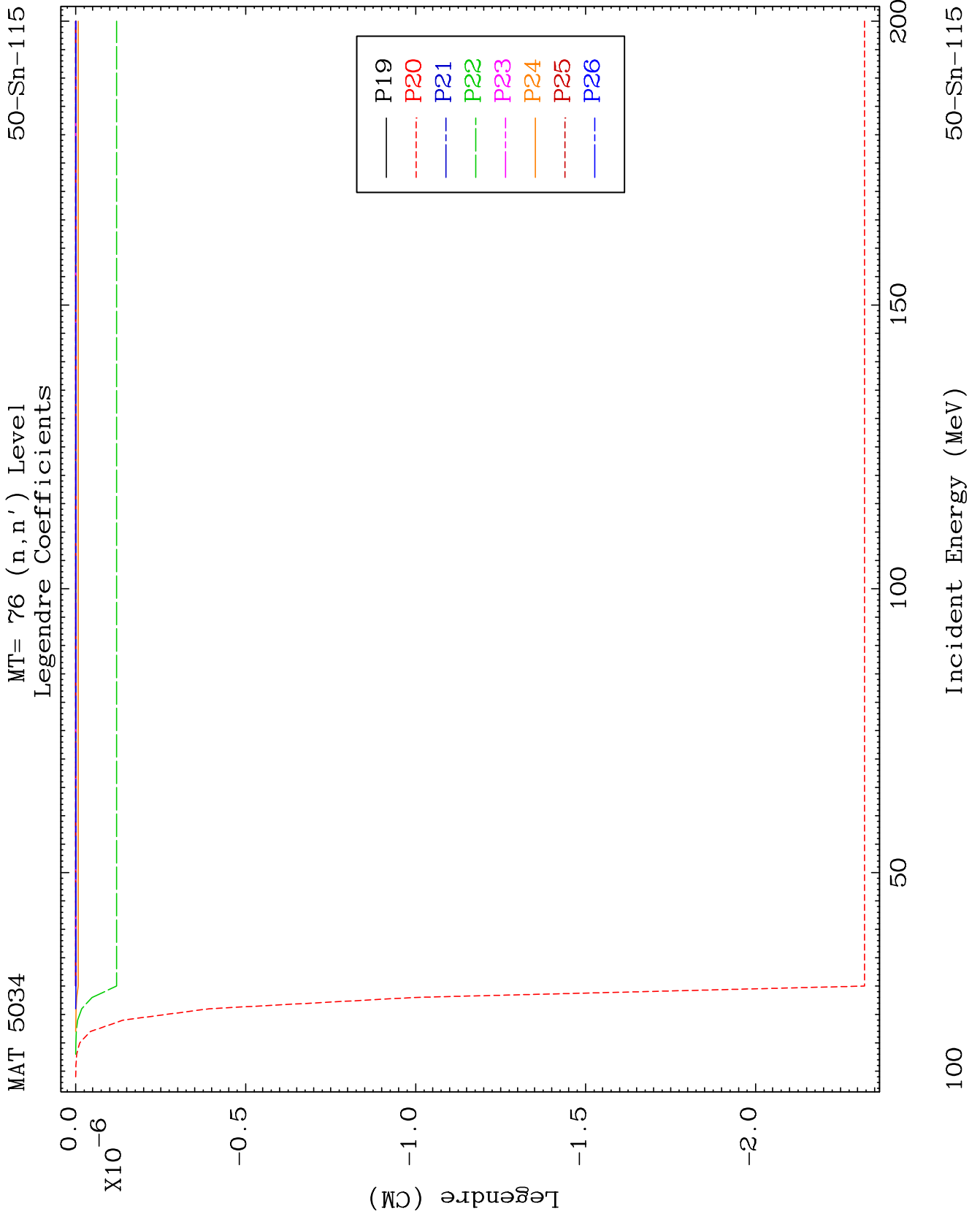
50-Sn-115

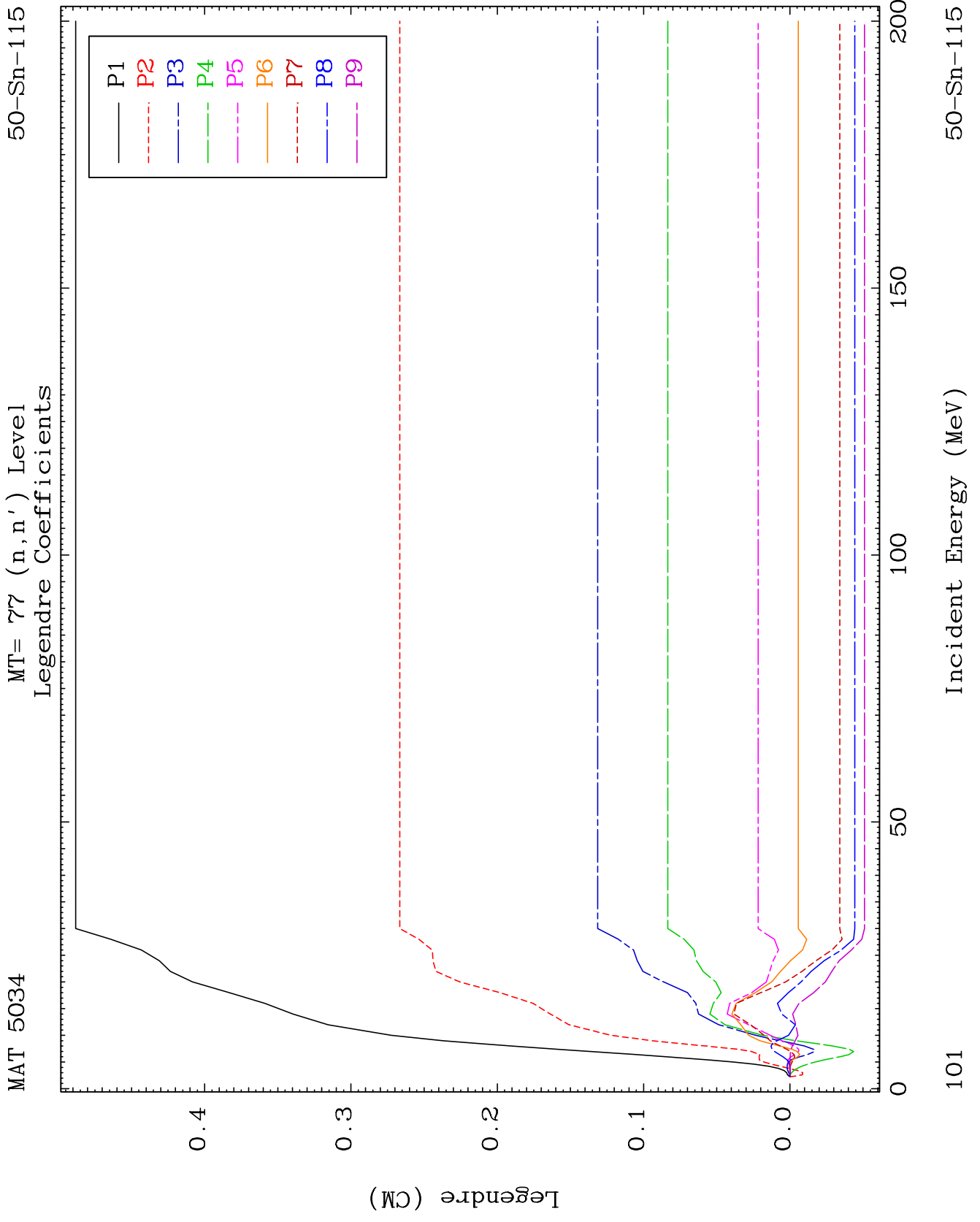


99

Incident Energy (MeV)

50-Sn-115

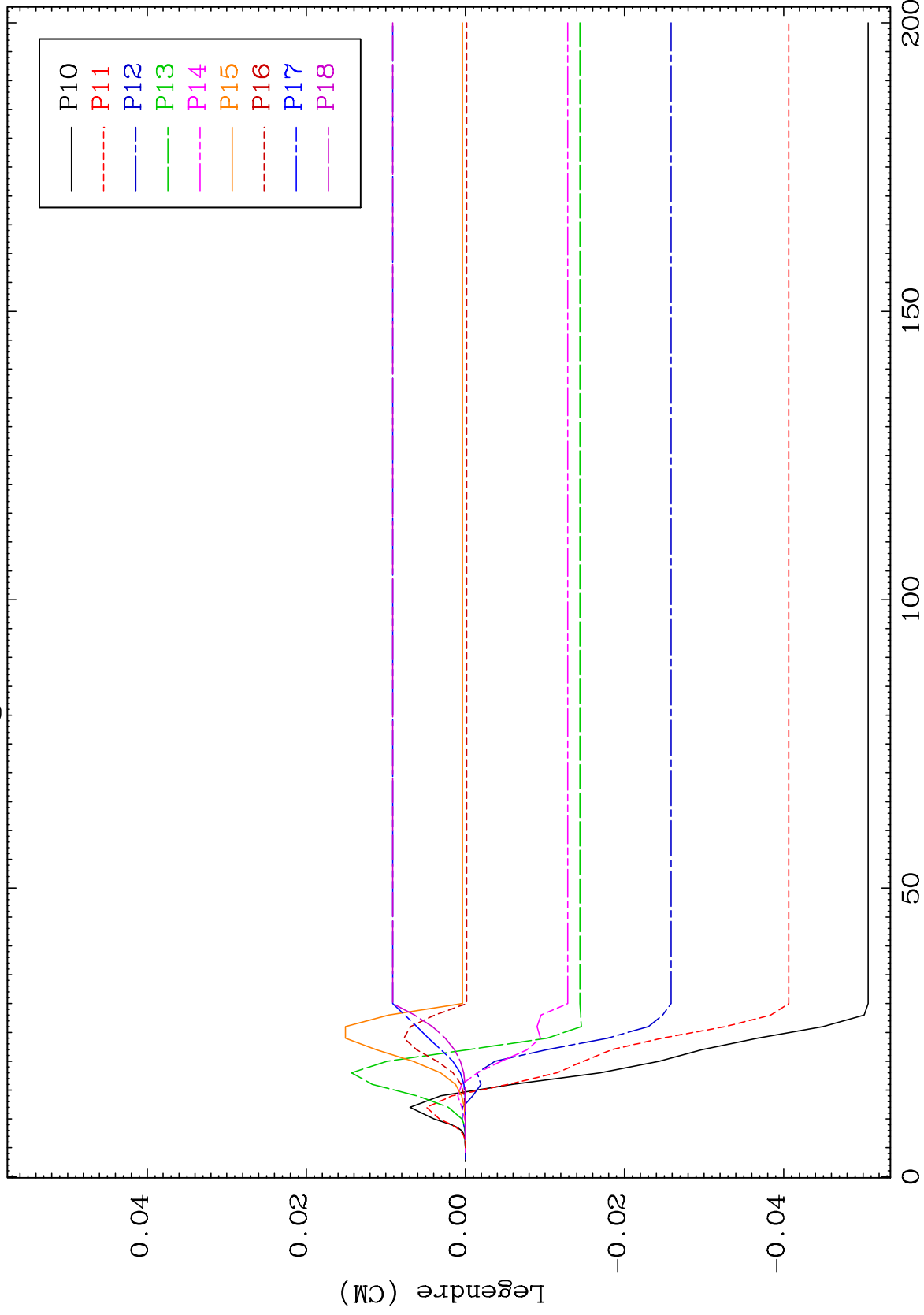




MAT 5034

MT= 77 (n,n') Level  
Legendre Coefficients

50-Sn-115



102

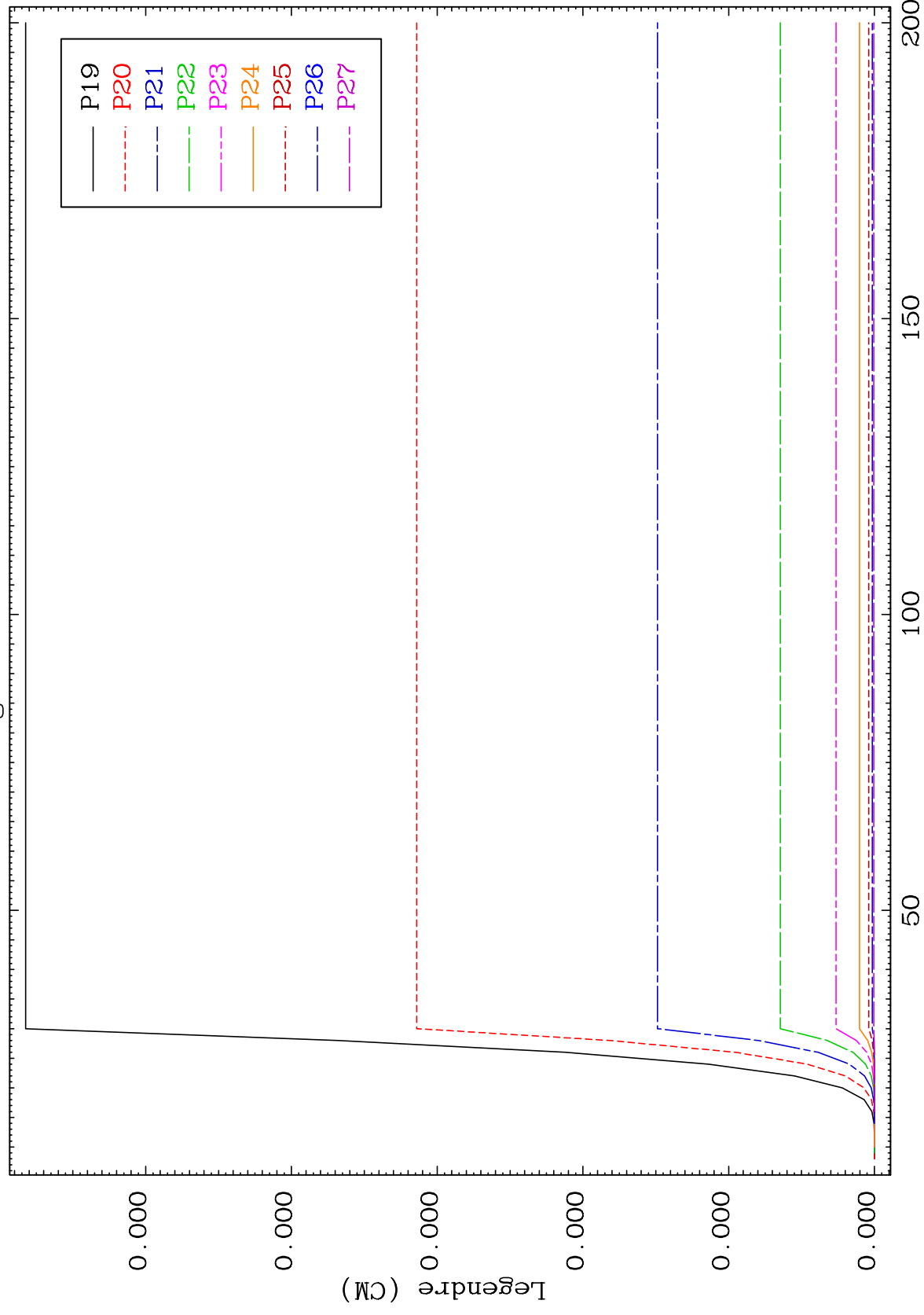
Incident Energy (MeV)

50-Sn-115

MAT 5034

MT= 77 (n,n') Level  
Legendre Coefficients

50-Sn-115



103

Incident Energy (MeV)

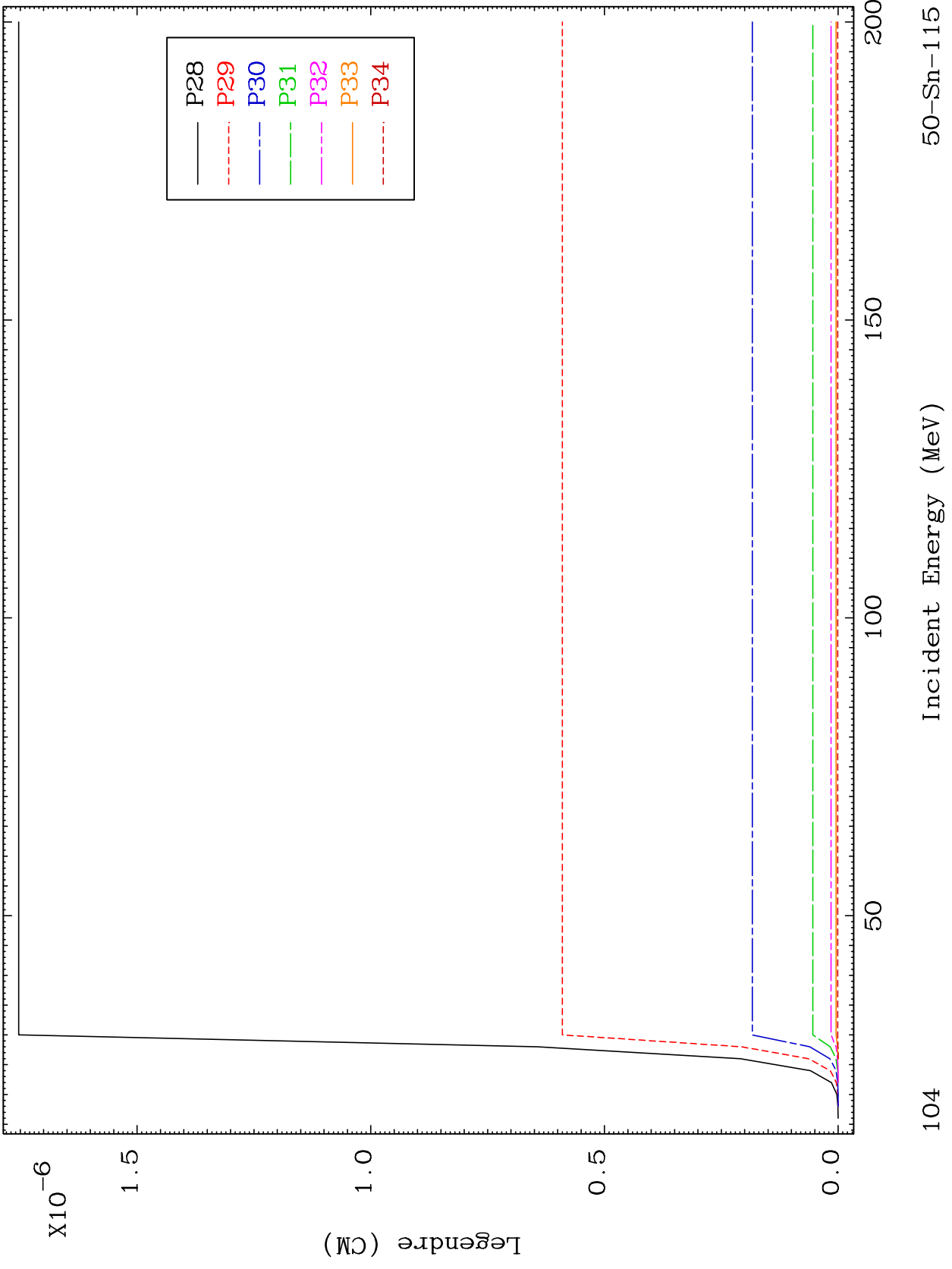
50-Sn-115



MAT 5034

MT= 77 (n,n') Level  
Legendre Coefficients

50-Sn-115



104

Incident Energy (MeV)

50-Sn-115

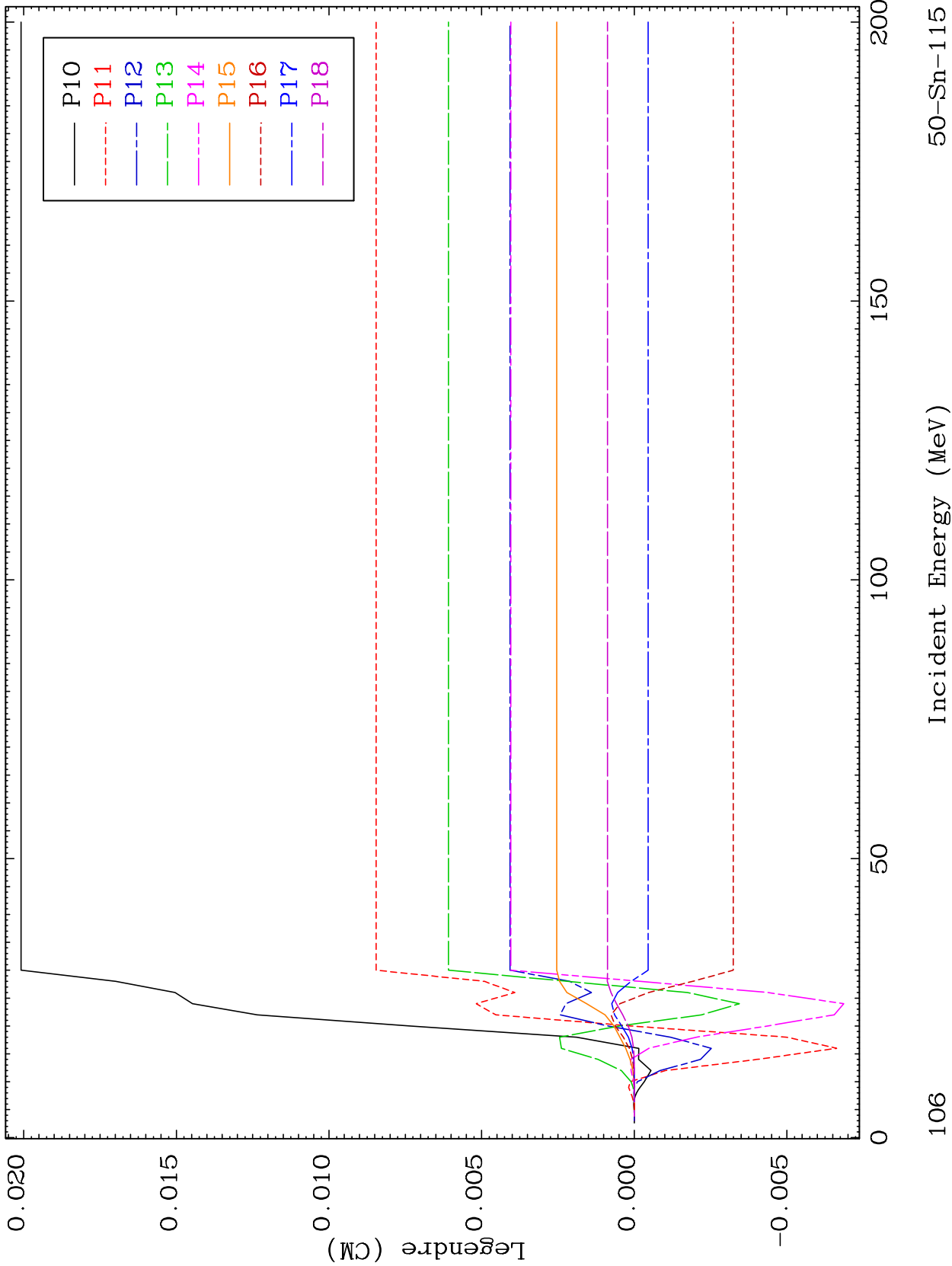


MAT 5034

MT= 78 (n,n') Level

50-Sn-115

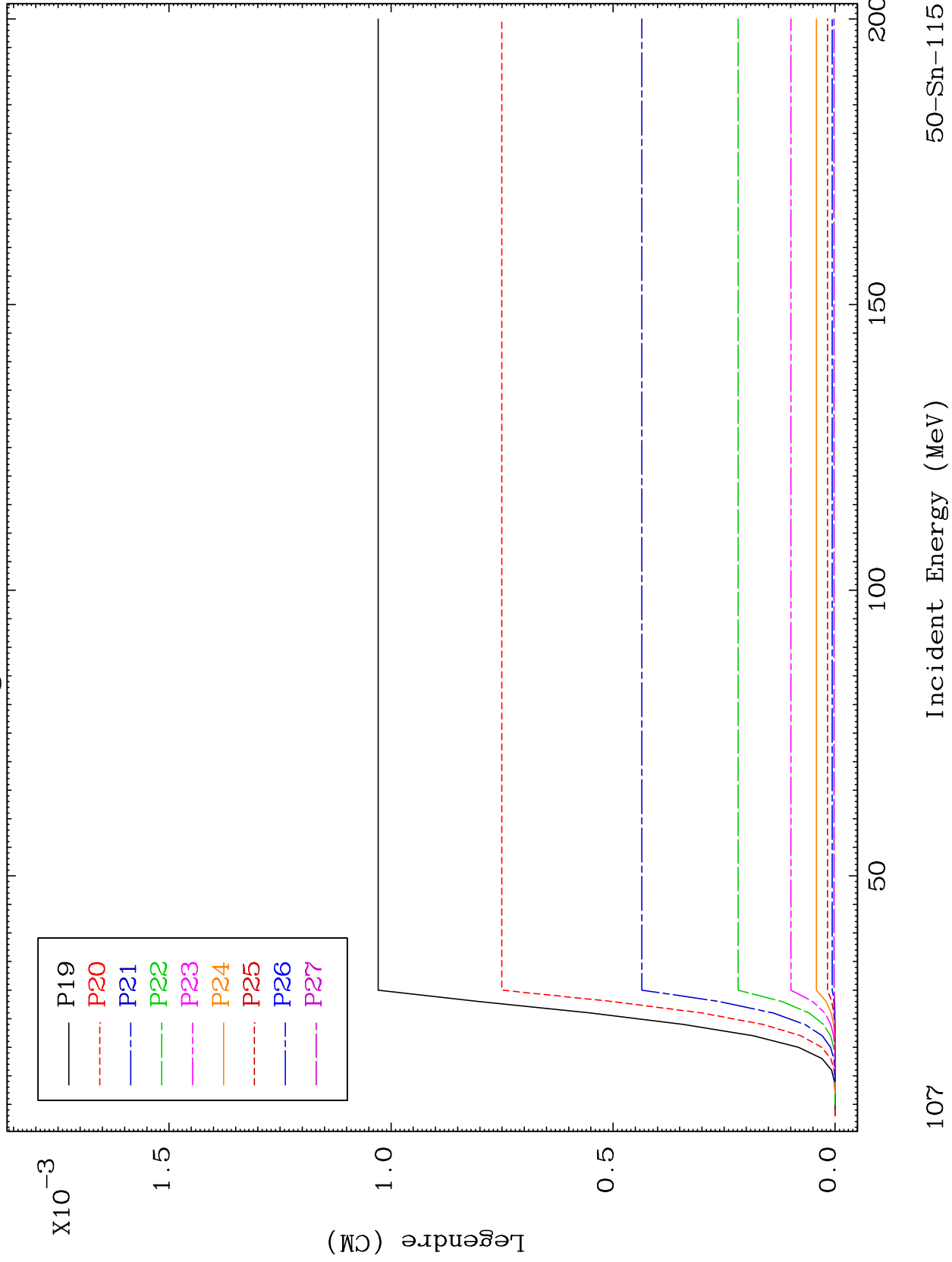
Legendre Coefficients



MAT 5034

MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-115



107

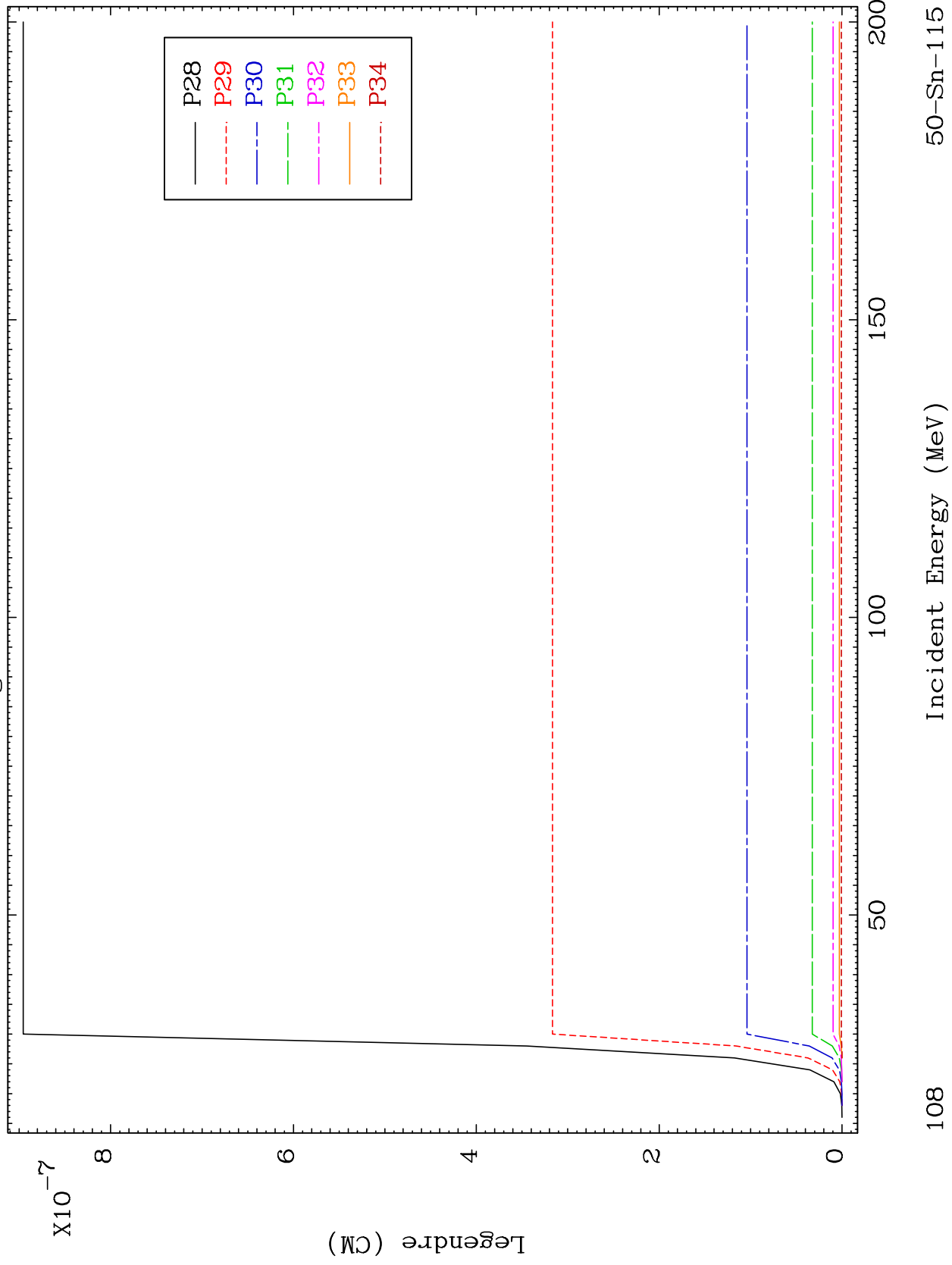
Incident Energy (MeV)

50-Sn-115

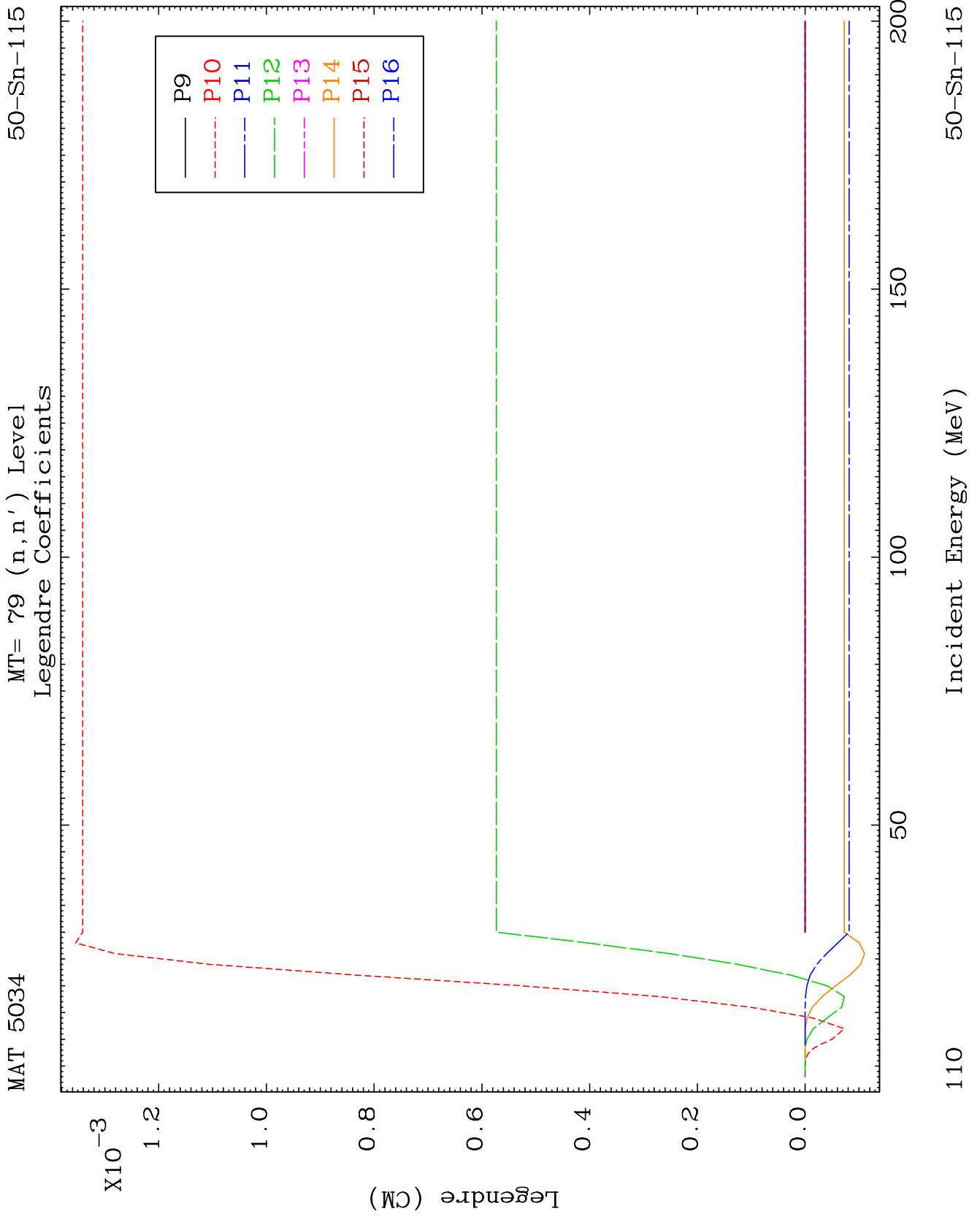
MAT 5034

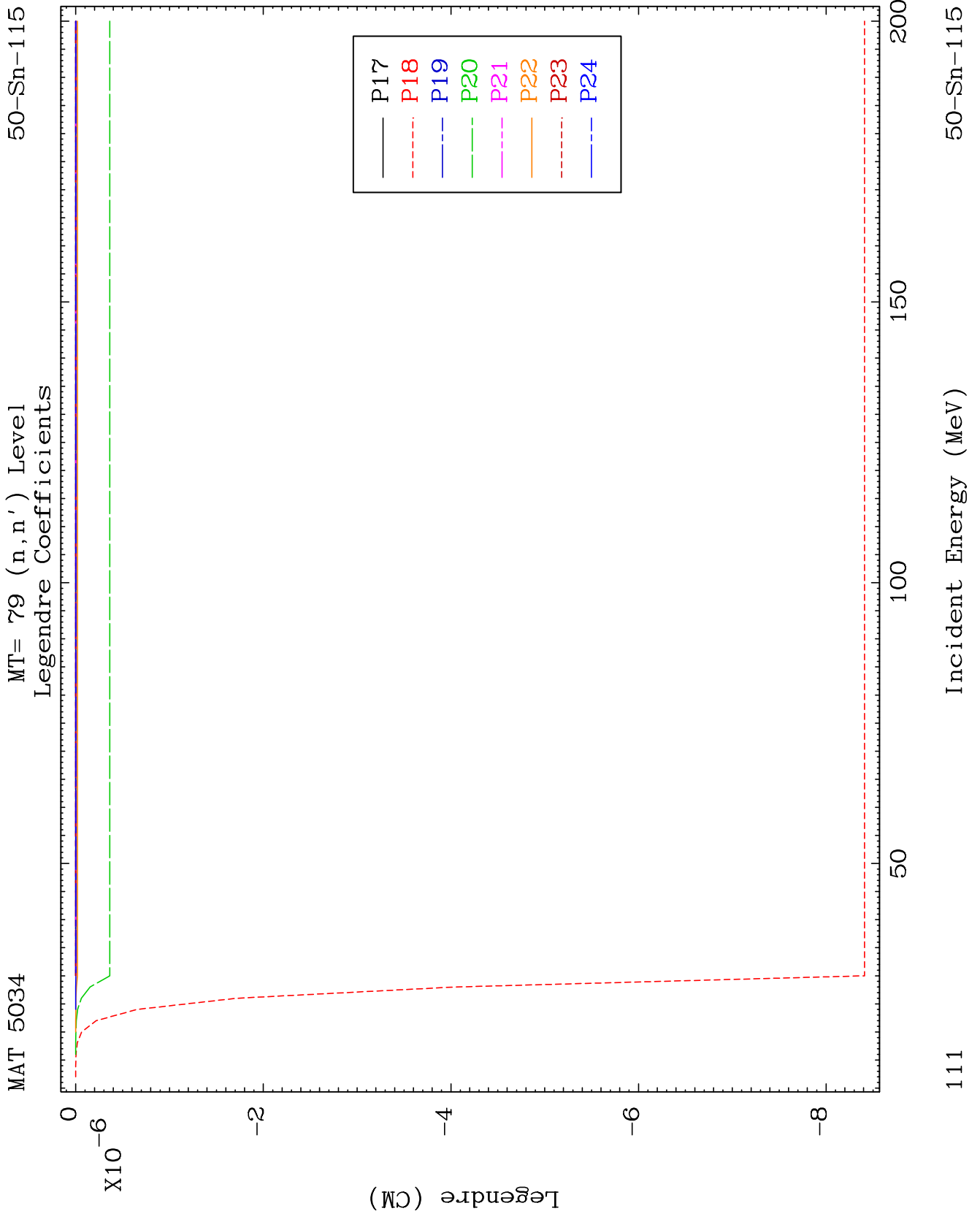
MT= 78 (n,n') Level  
Legendre Coefficients

50-Sn-115

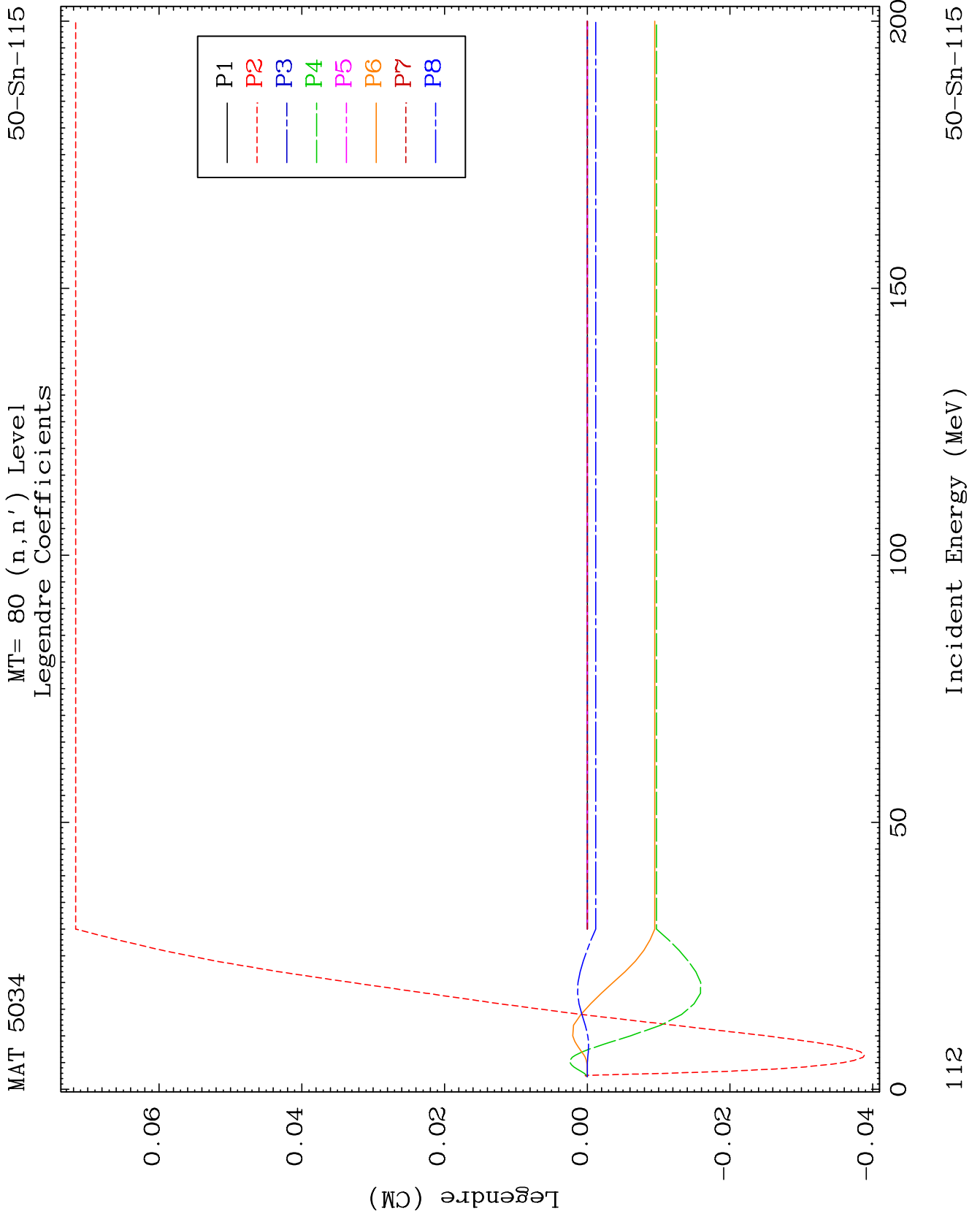


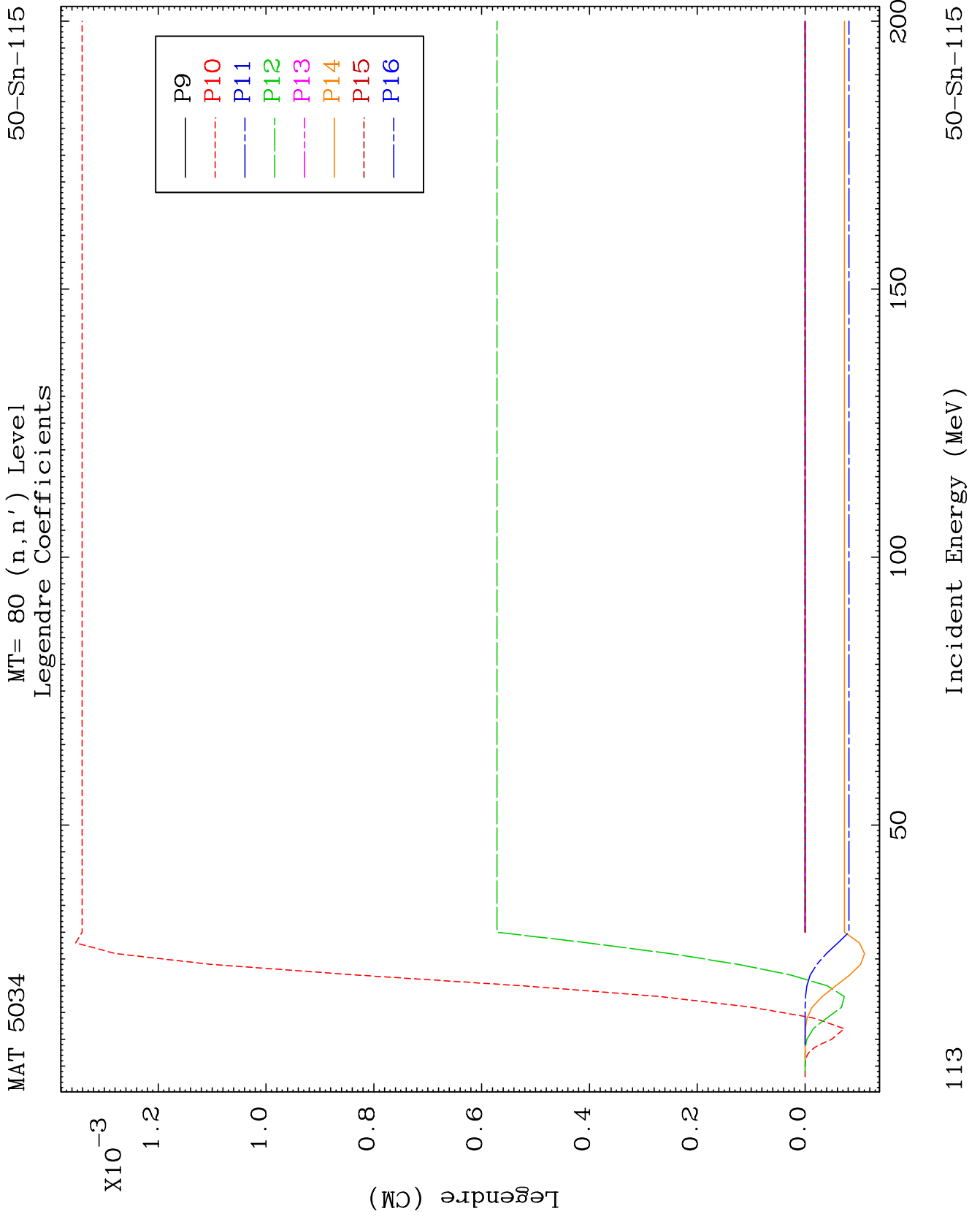


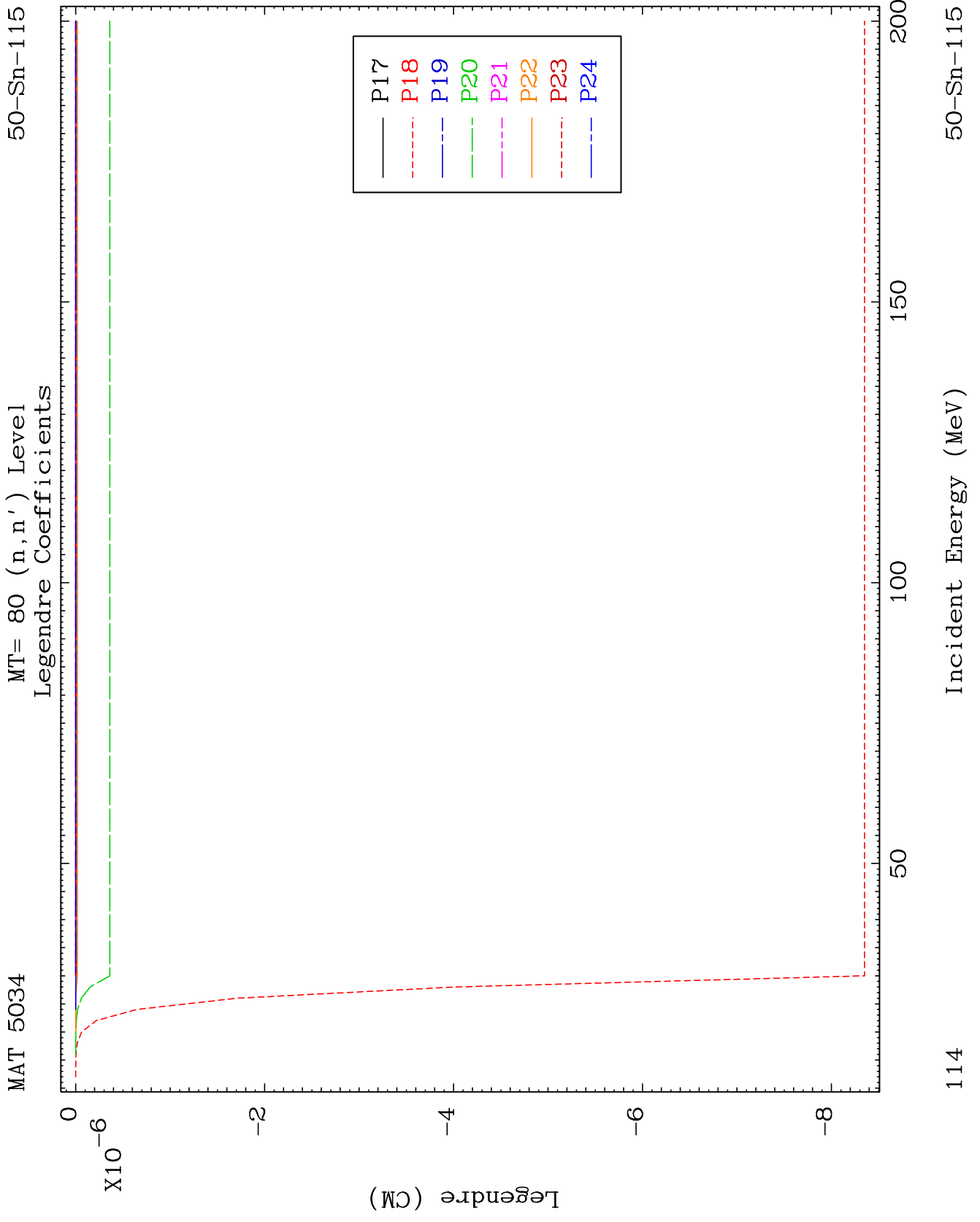










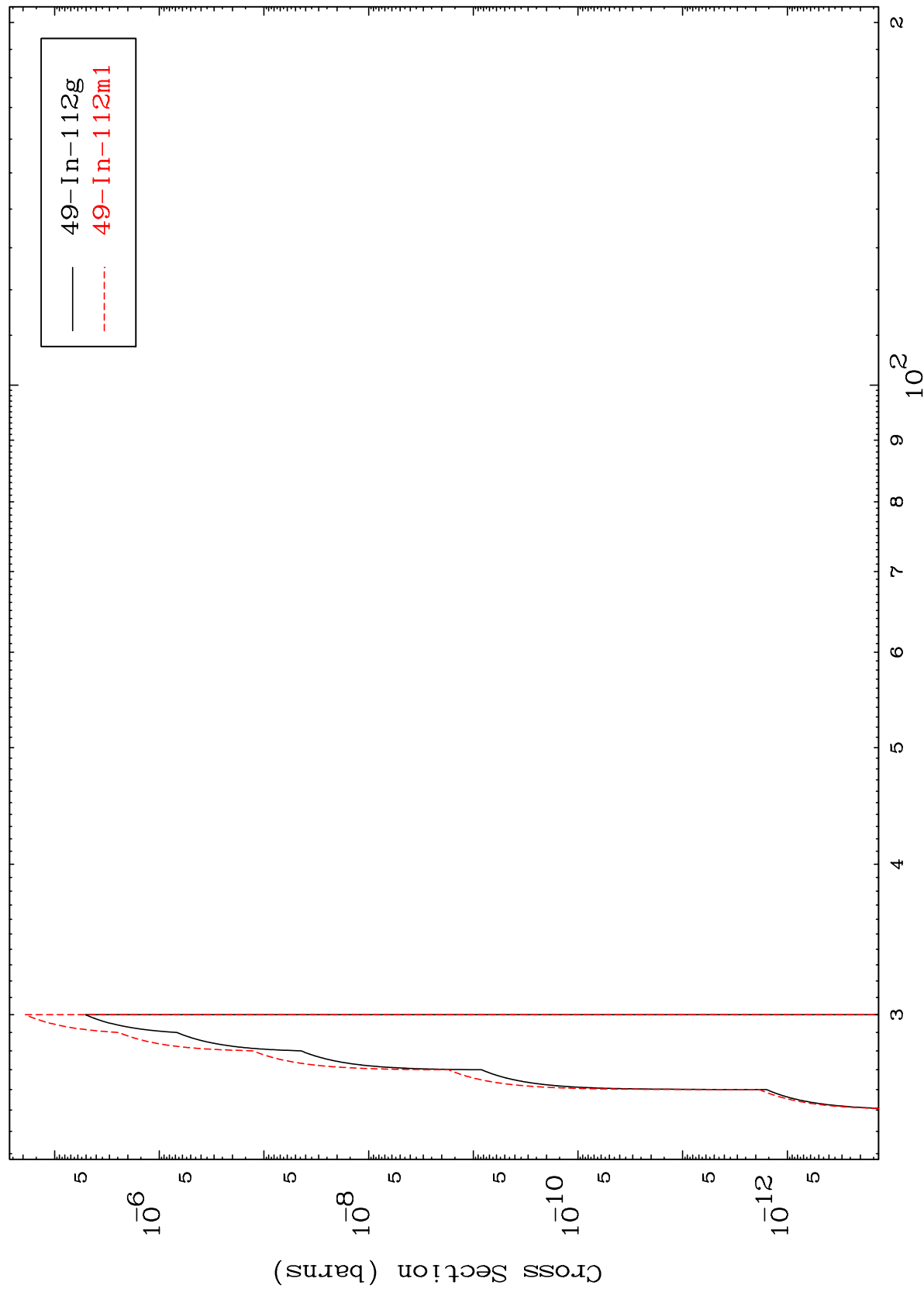


MAT 5034

(n,2n) d

50-Sn-115

Radionuclide Production Cross Section



49-In-112g  
49-In-112m1

115

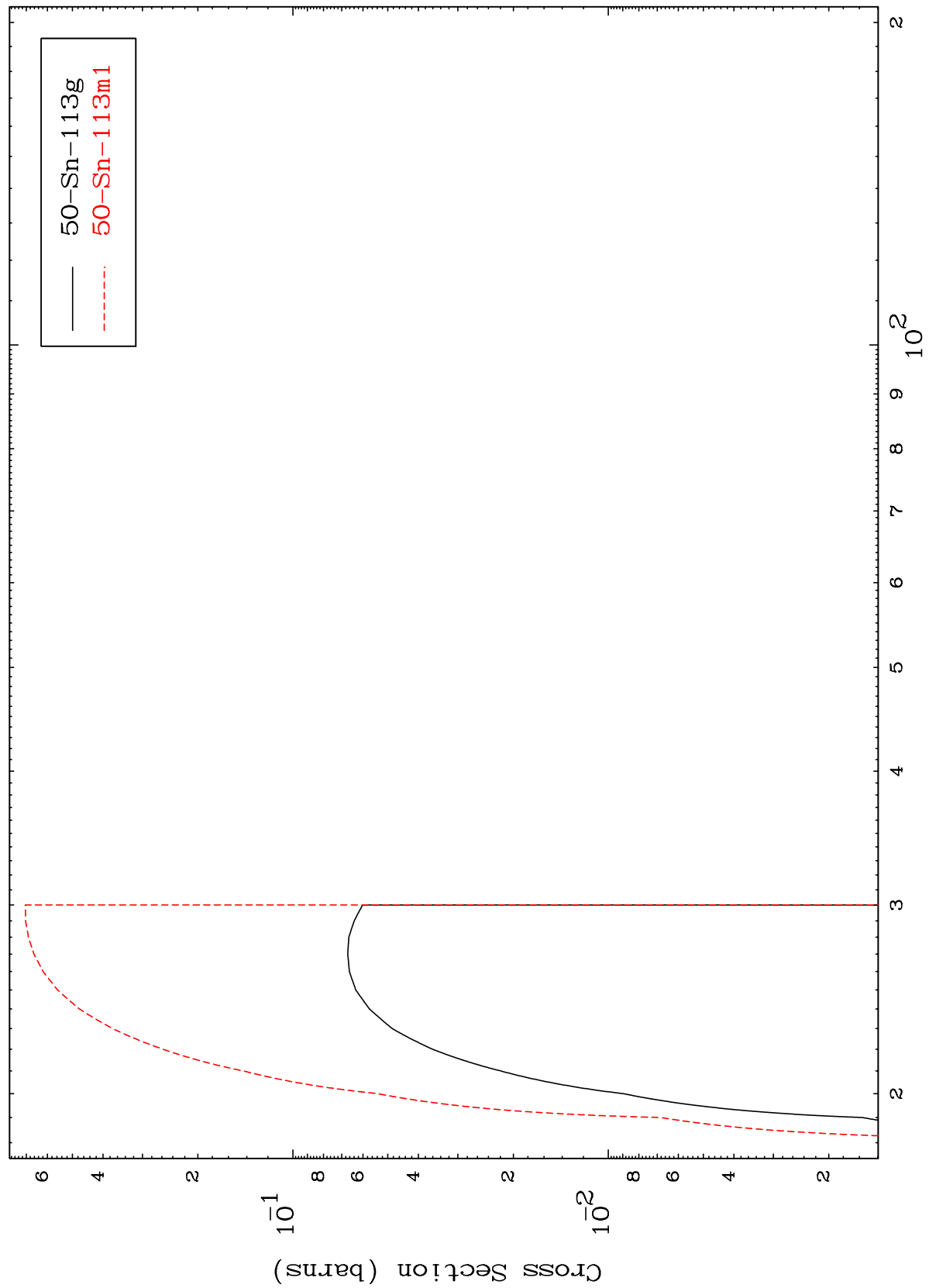
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,3n)  
Radionuclide Production Cross Section



50-Sn-115

Incident Energy (MeV)

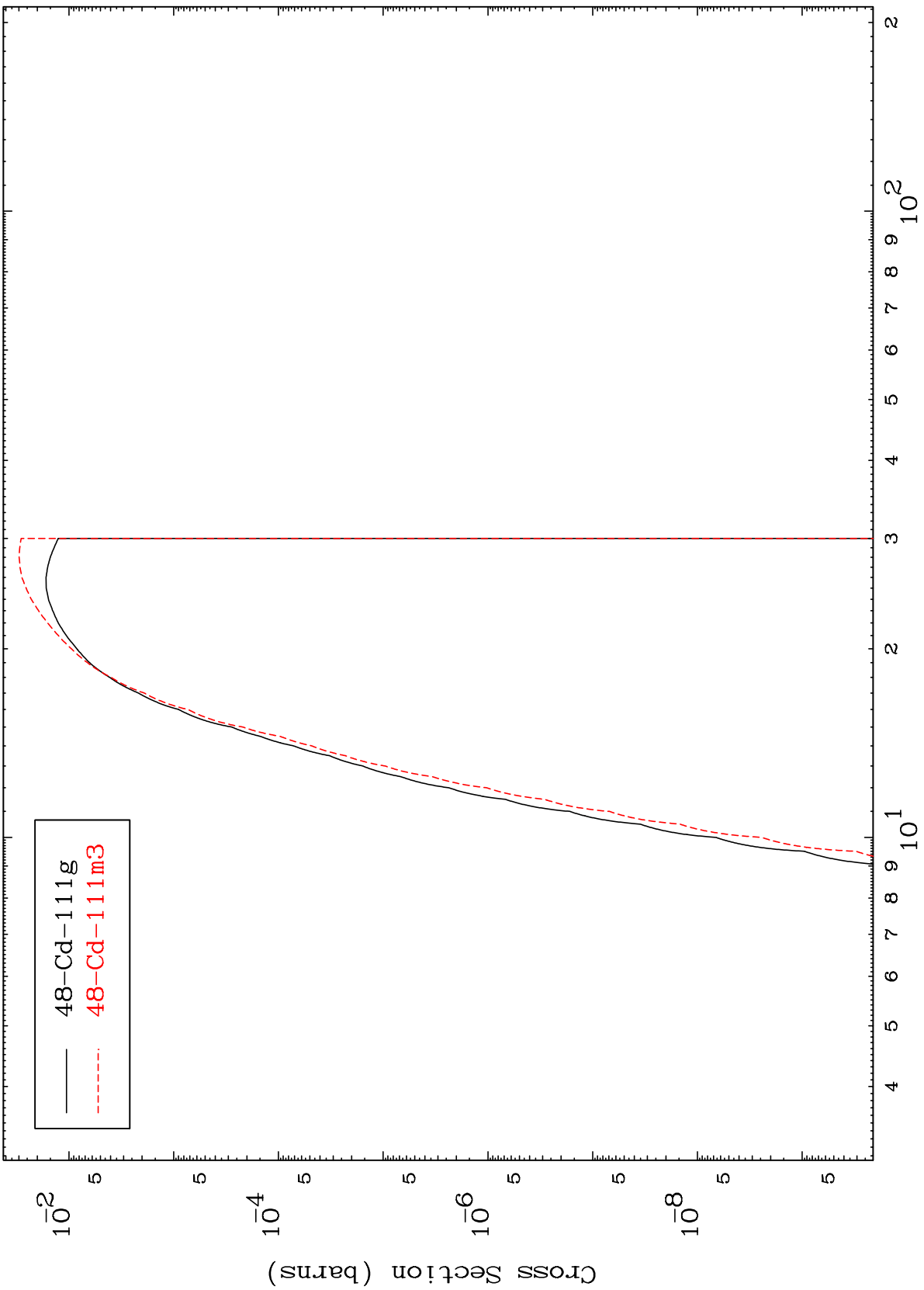
116

MAT 5034

(n,n')  $\alpha$

50-Sn-115

Radionuclide Production Cross Section



— 48-Cd-111g  
- - - 48-Cd-111m3

117

Incident Energy (MeV)

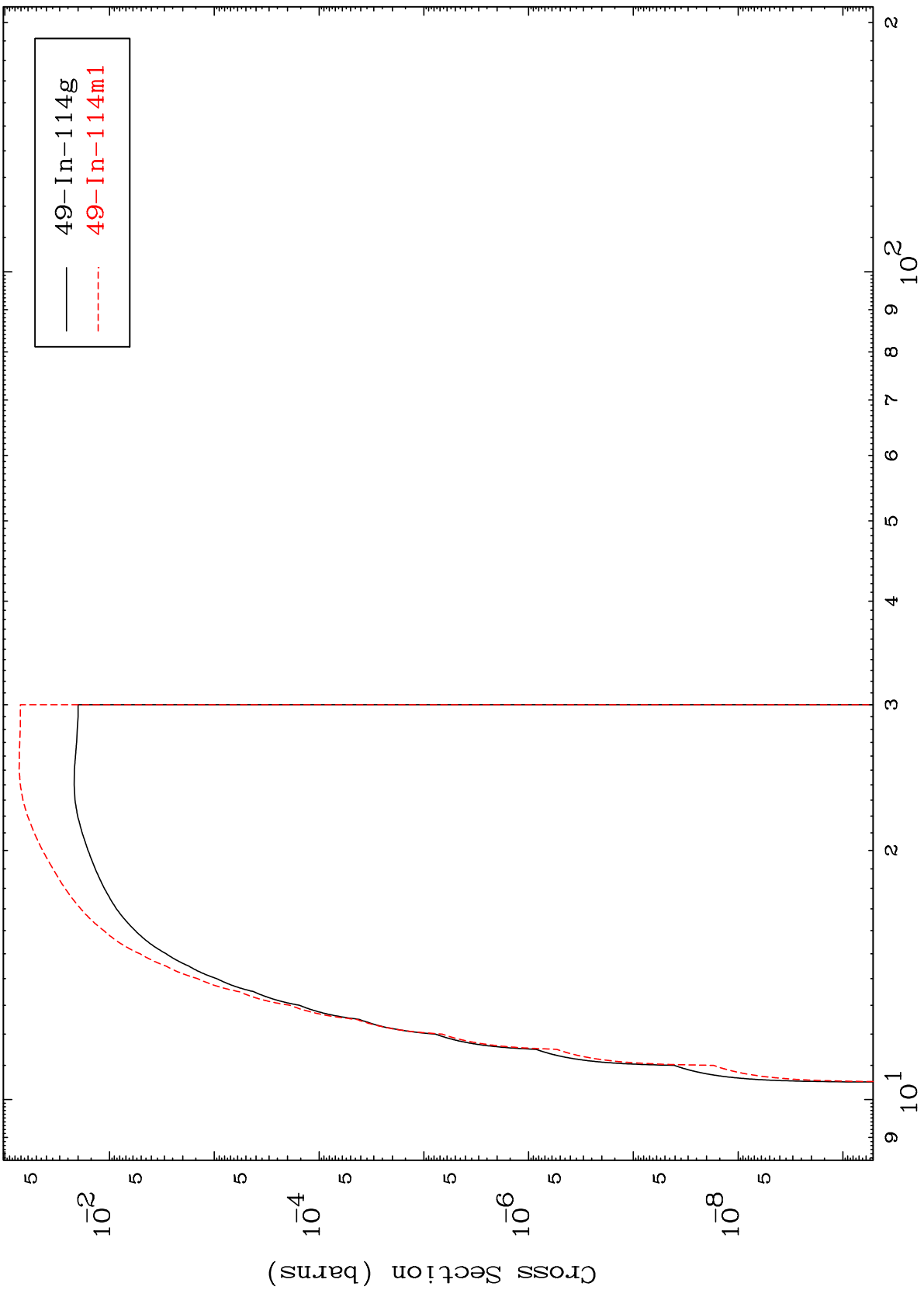
50-Sn-115

MAT 5034

(n,n') p

50-Sn-115

Radionuclide Production Cross Section



118

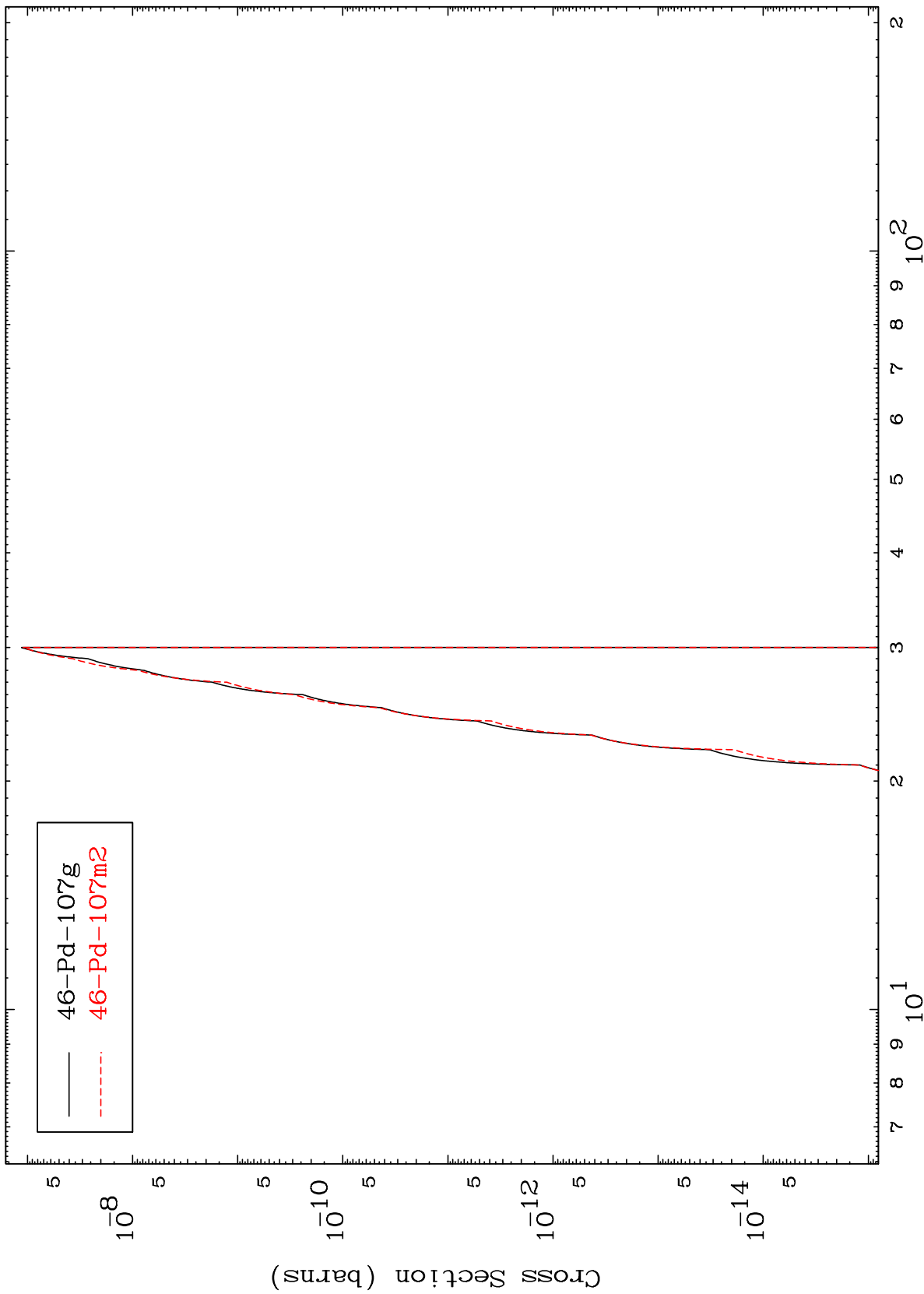
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,n') 2α  
Radionuclide Production Cross Section

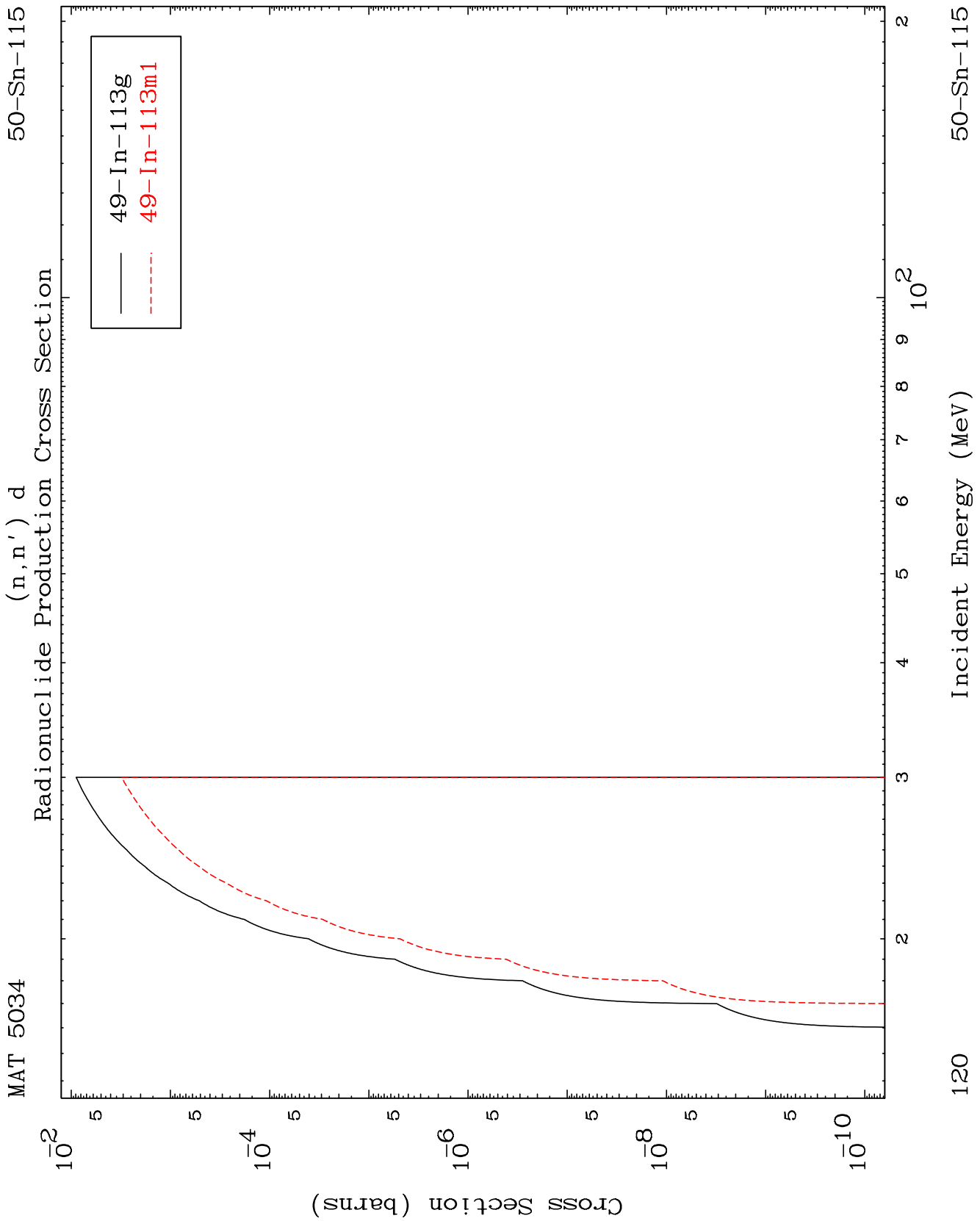


119

Incident Energy (MeV)

50-Sn-115



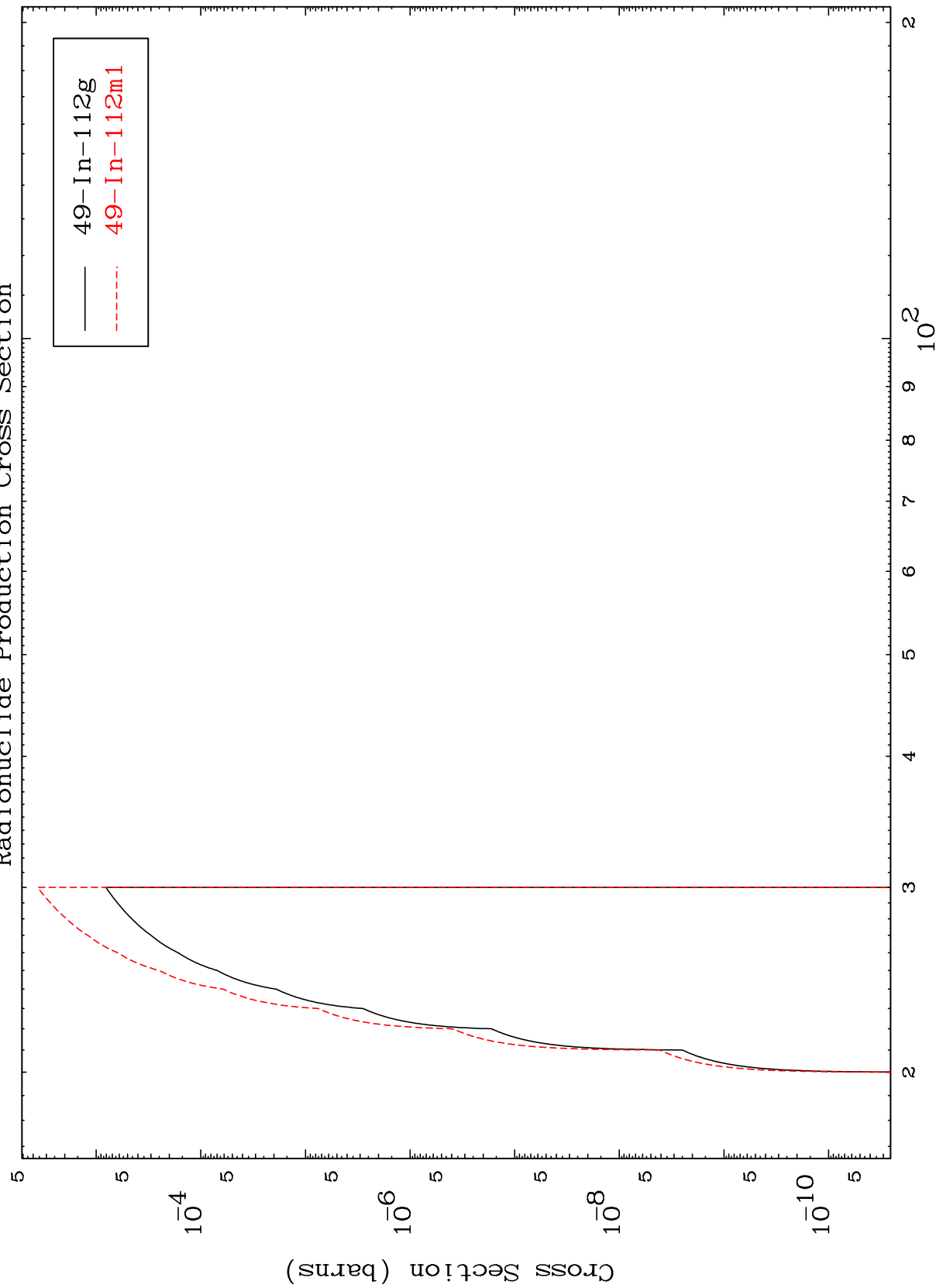


MAT 5034

(n,n') t

50-Sn-115

Radionuclide Production Cross Section



121

Incident Energy (MeV)

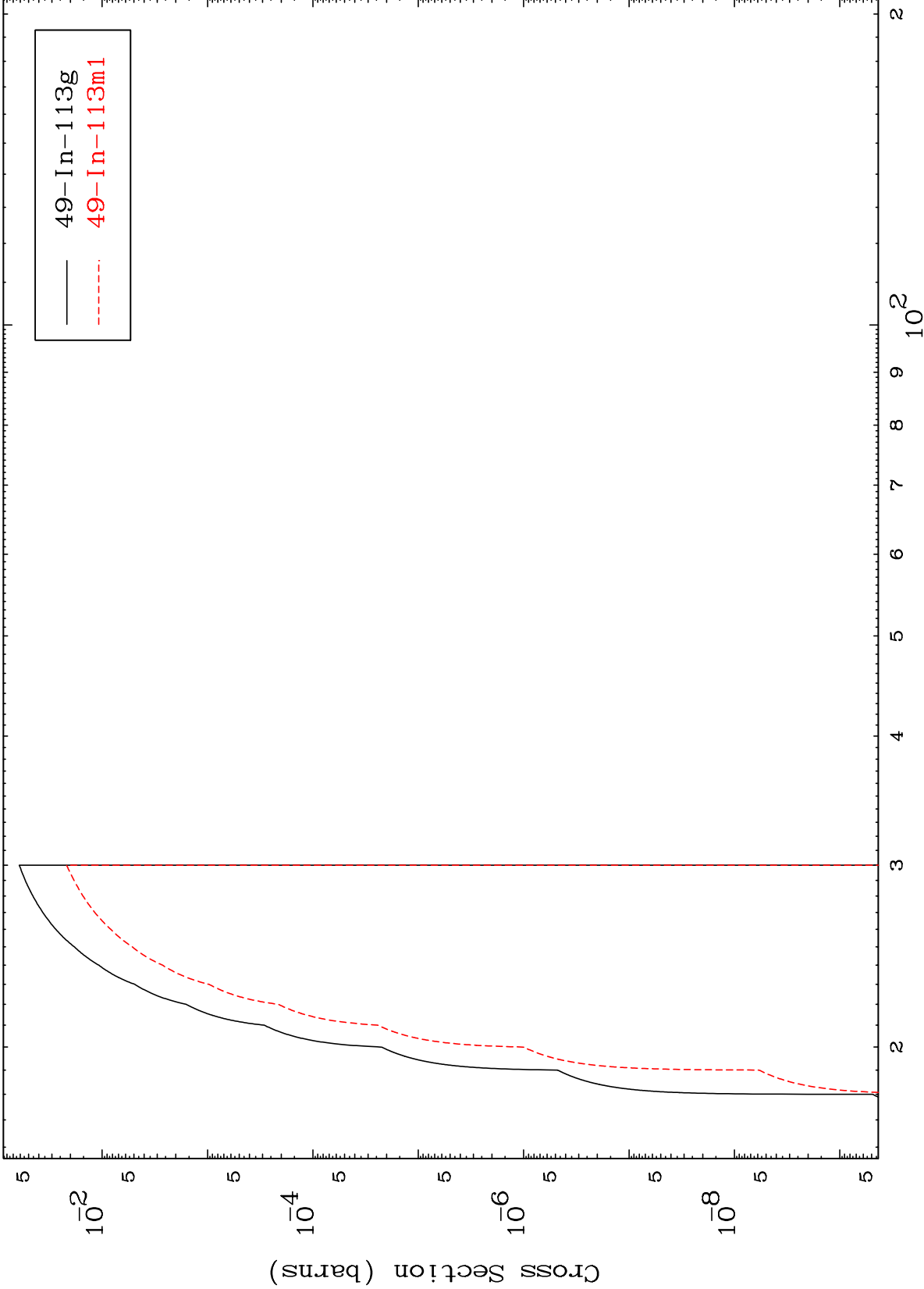
50-Sn-115

MAT 5034

(n,2n) p

50-Sn-115

Radionuclide Production Cross Section



122

Incident Energy (MeV)

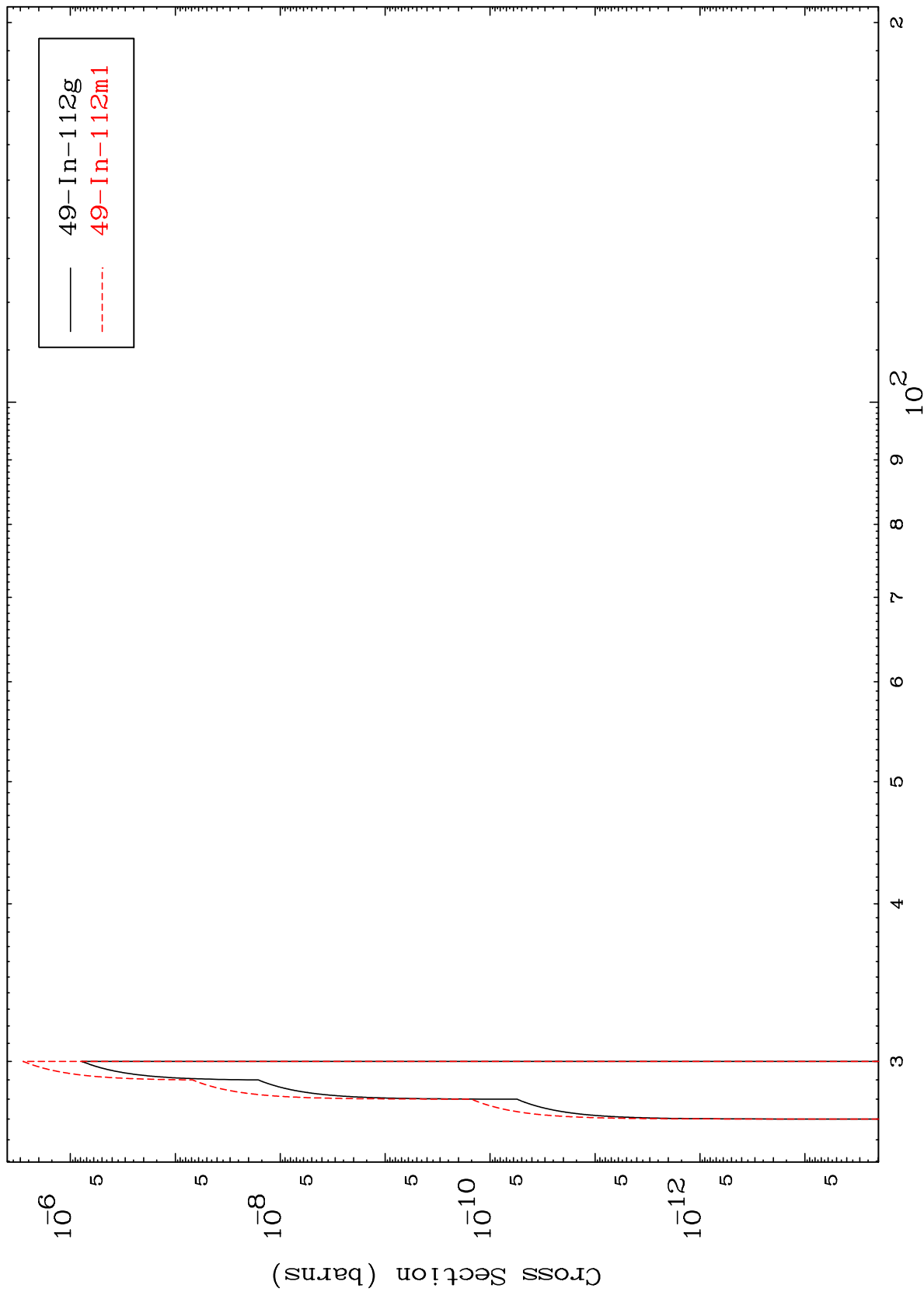
50-Sn-115

MAT 5034

50-Sn-115

(n,3n) p

Radionuclide Production Cross Section



123

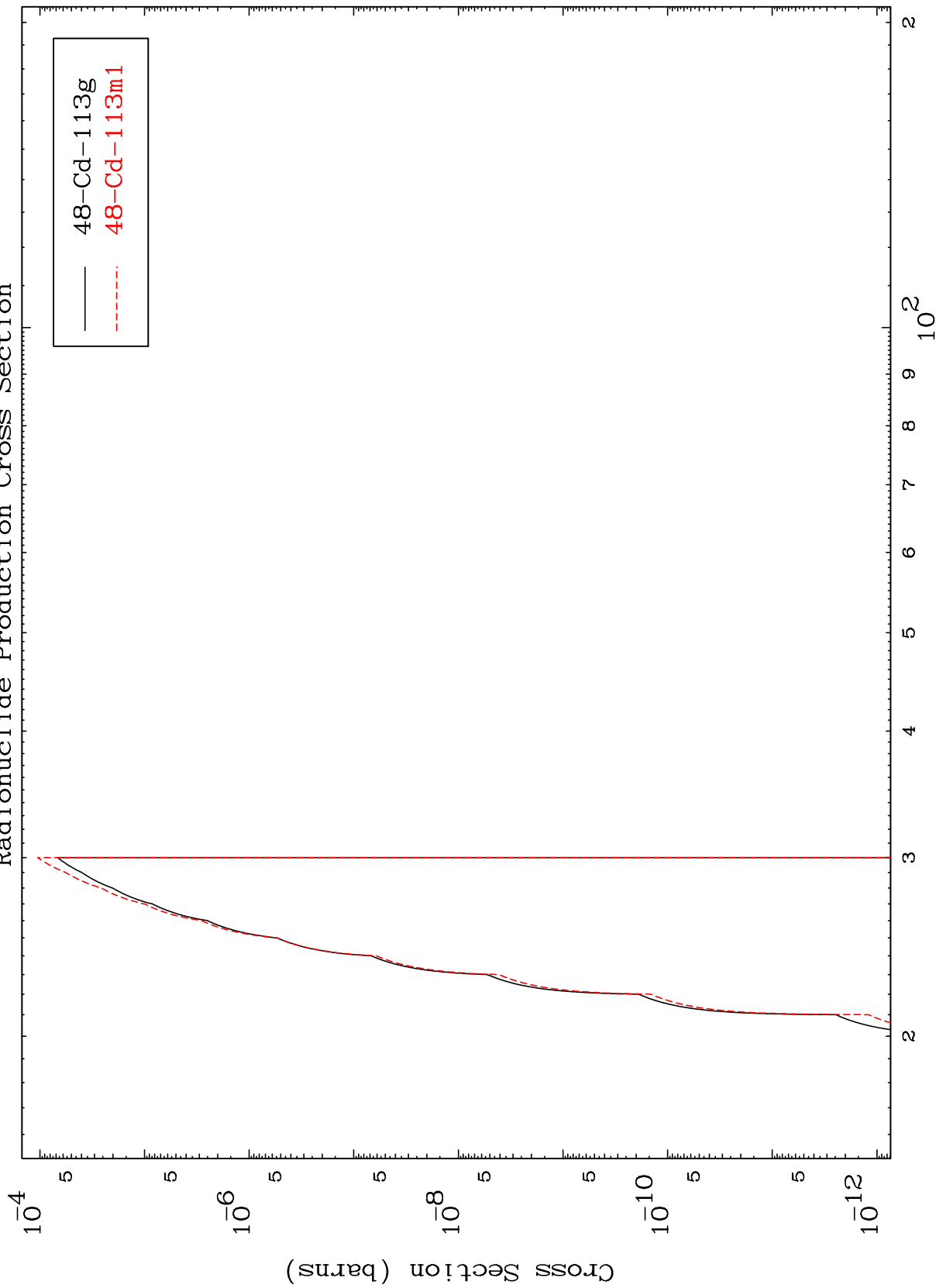
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,2n) p  
Radionuclide Production Cross Section



124

Incident Energy (MeV)

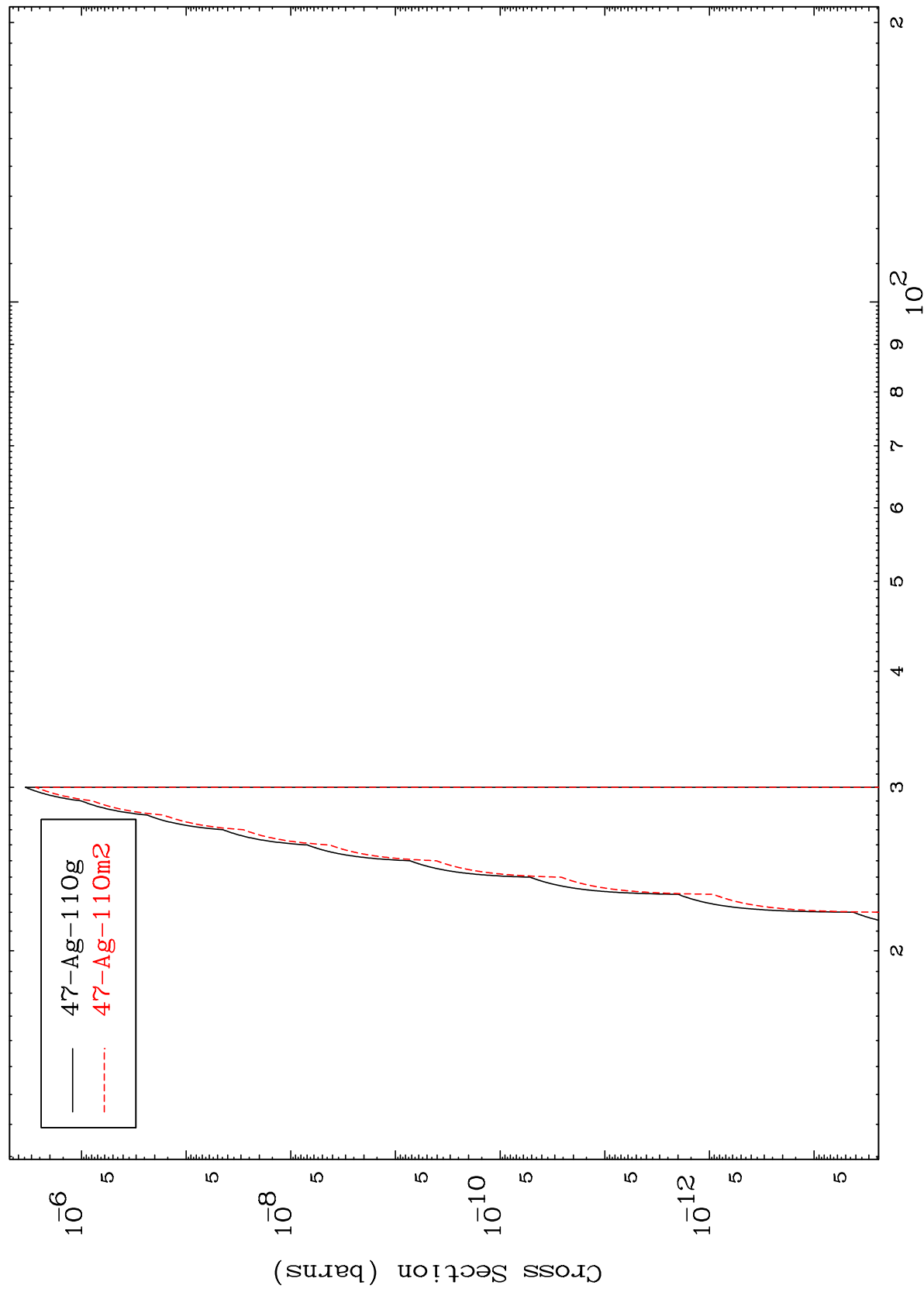
50-Sn-115

MAT 5034

(n,n') p  $\alpha$

50-Sn-115

Radionuclide Production Cross Section



125

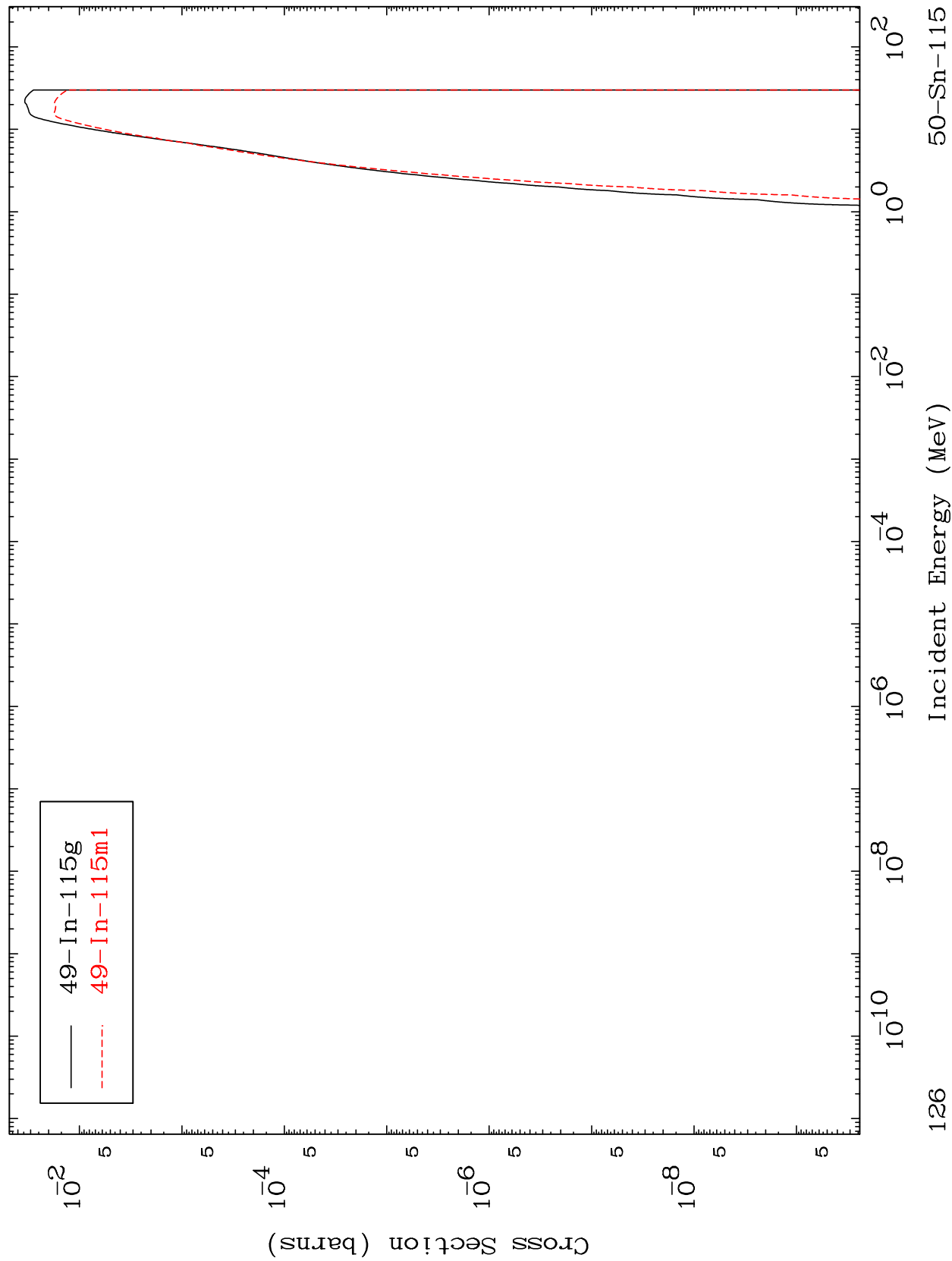
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,p)  
Radionuclide Production Cross Section



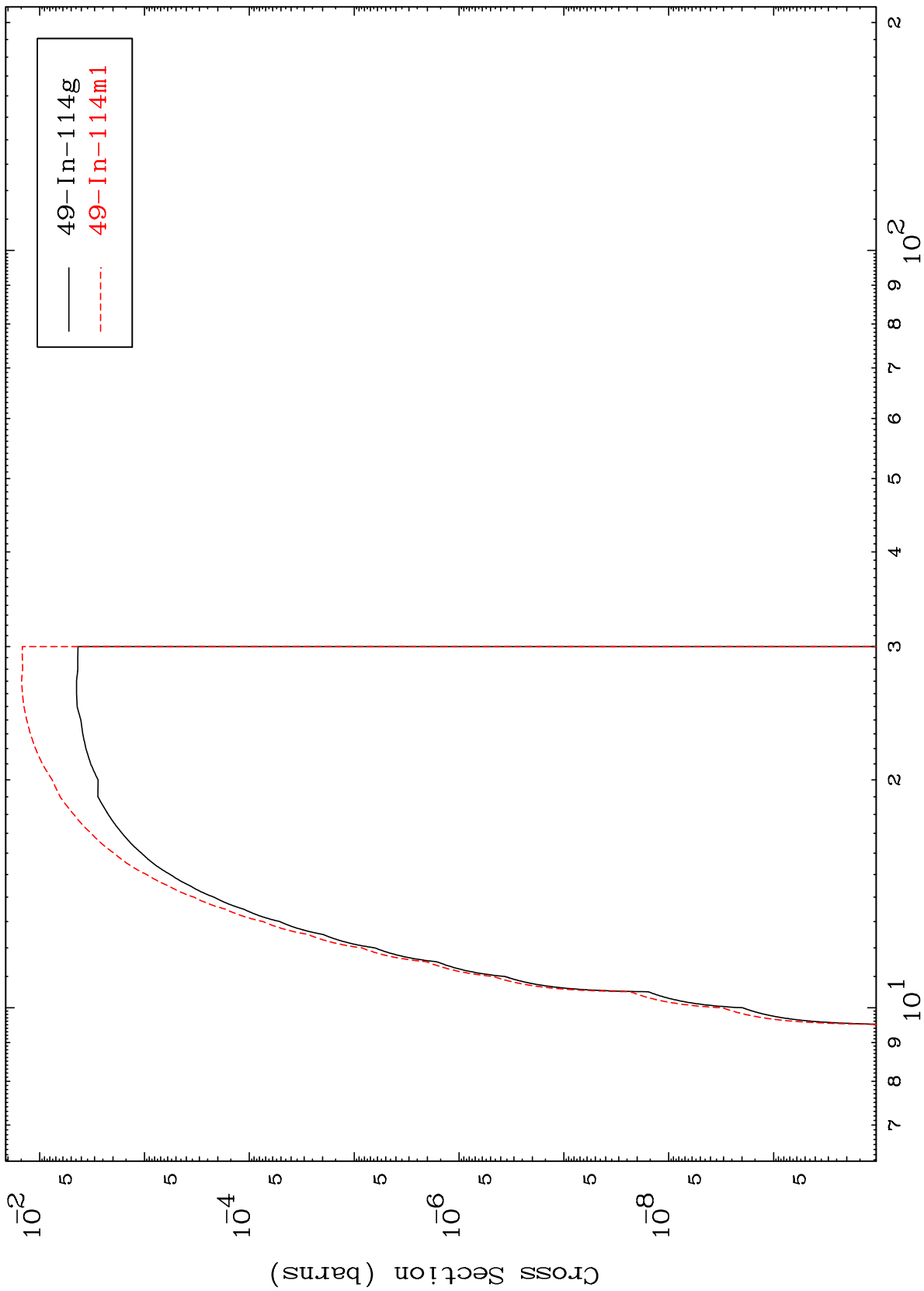
— 49-In-115g  
- - - 49-In-115m1

MAT 5034

(n,d)

50-Sn-115

Radionuclide Production Cross Section



127

Incident Energy (MeV)

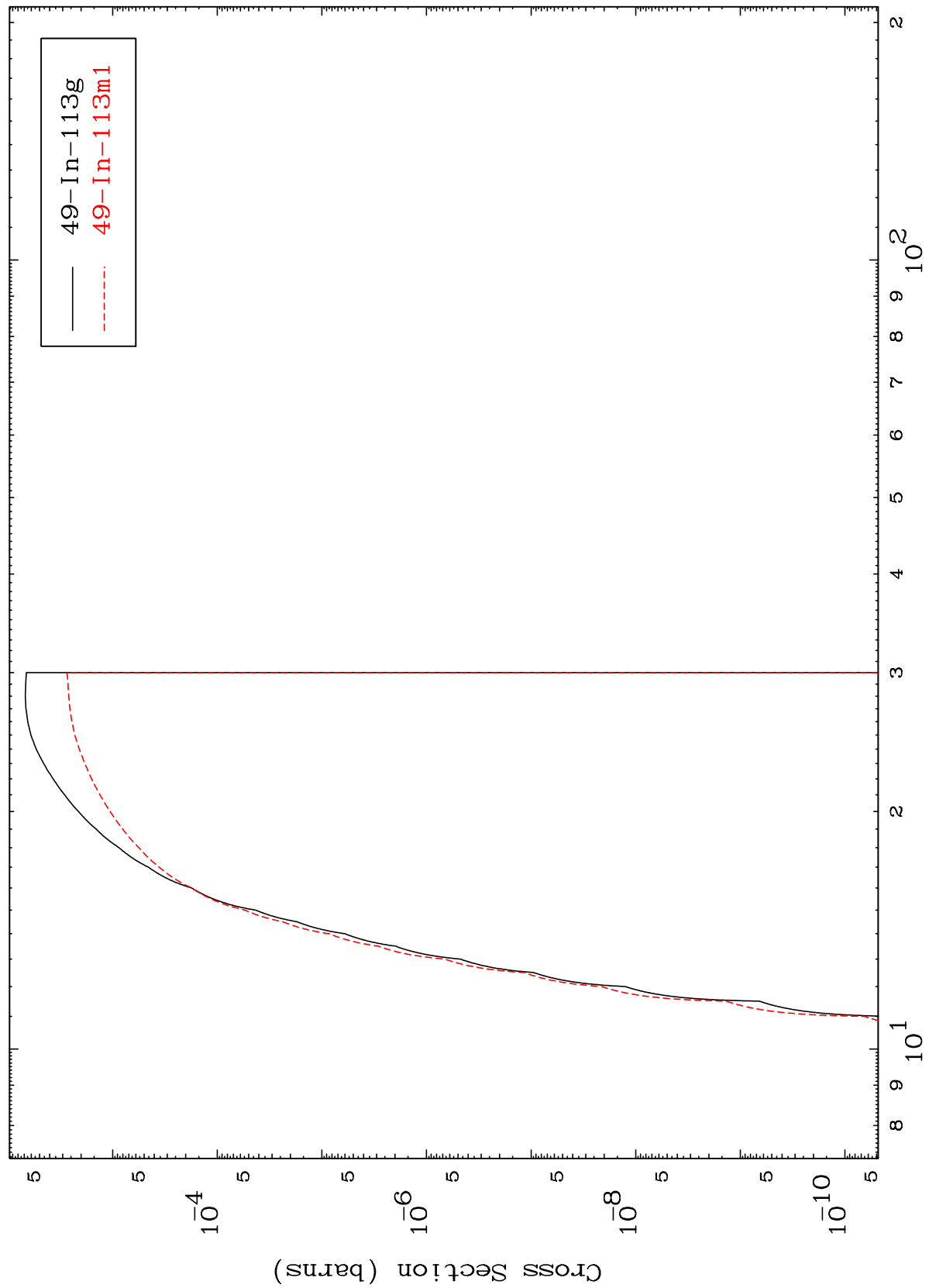
50-Sn-115



MAT 5034

50-Sn-115

(n,t)  
Radionuclide Production Cross Section



50-Sn-115

Incident Energy (MeV)

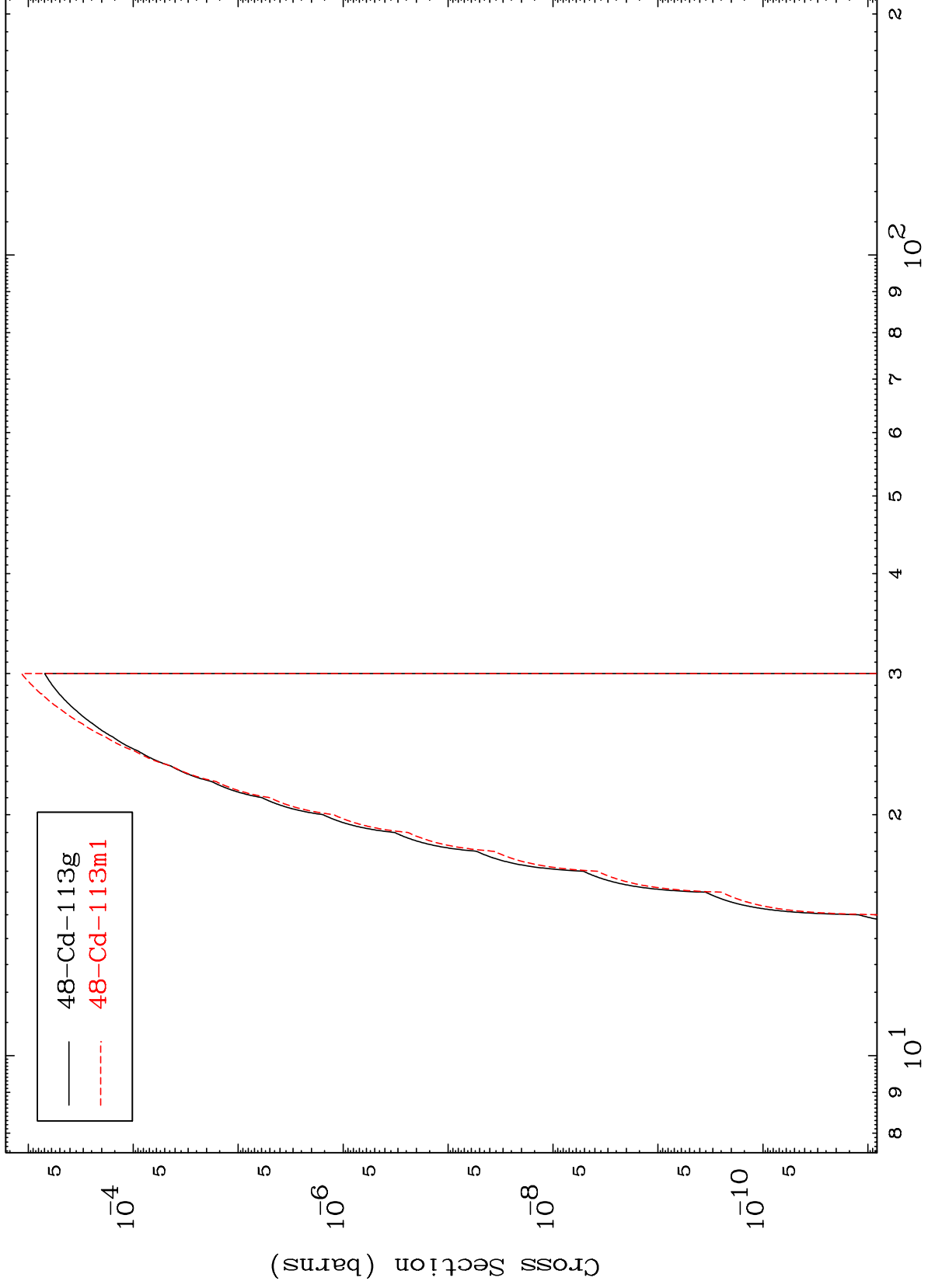
128

MAT 5034

(n,He-3)

50-Sn-115

Radionuclide Production Cross Section

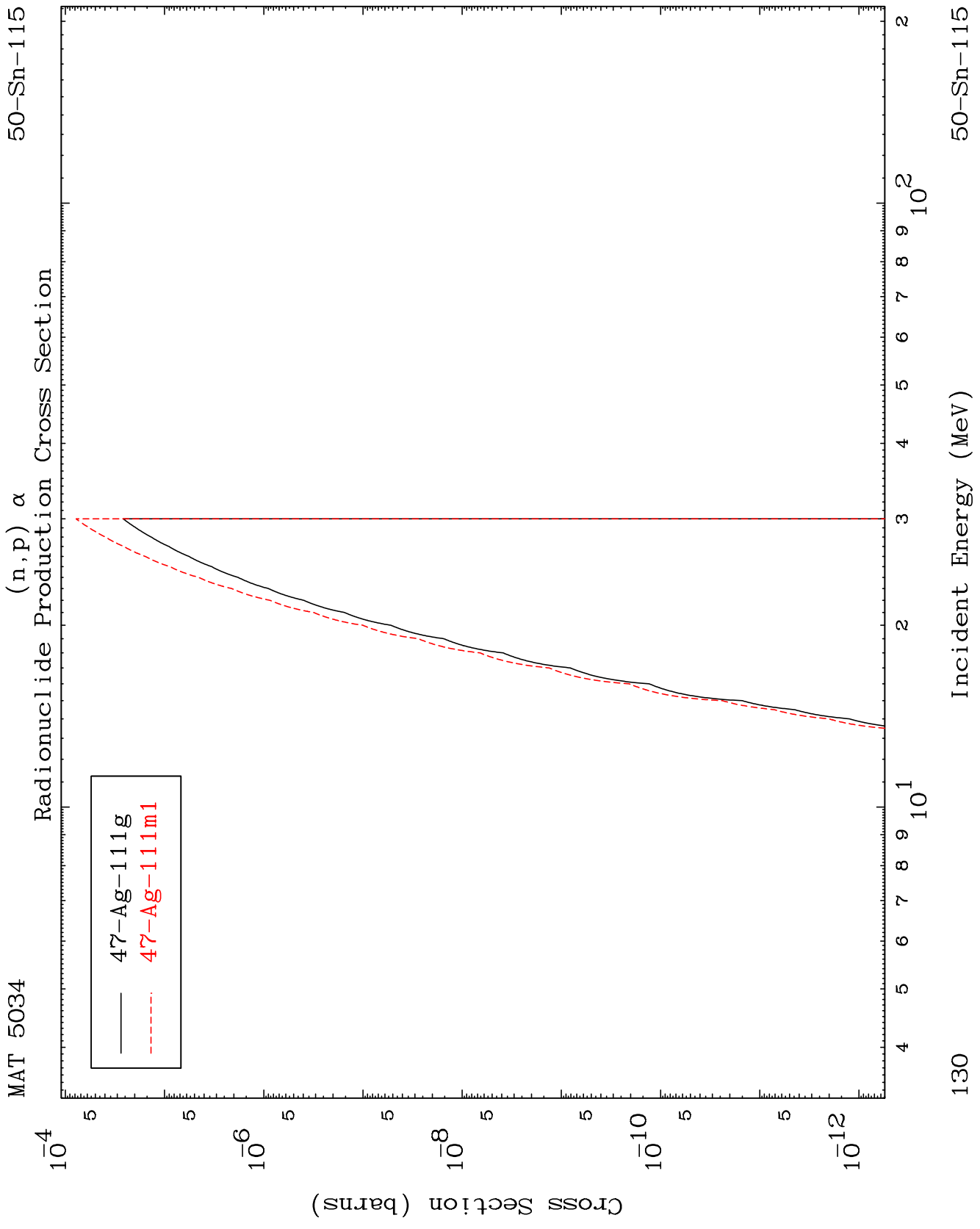


48-Cd-113g  
48-Cd-113m1

129

Incident Energy (MeV)

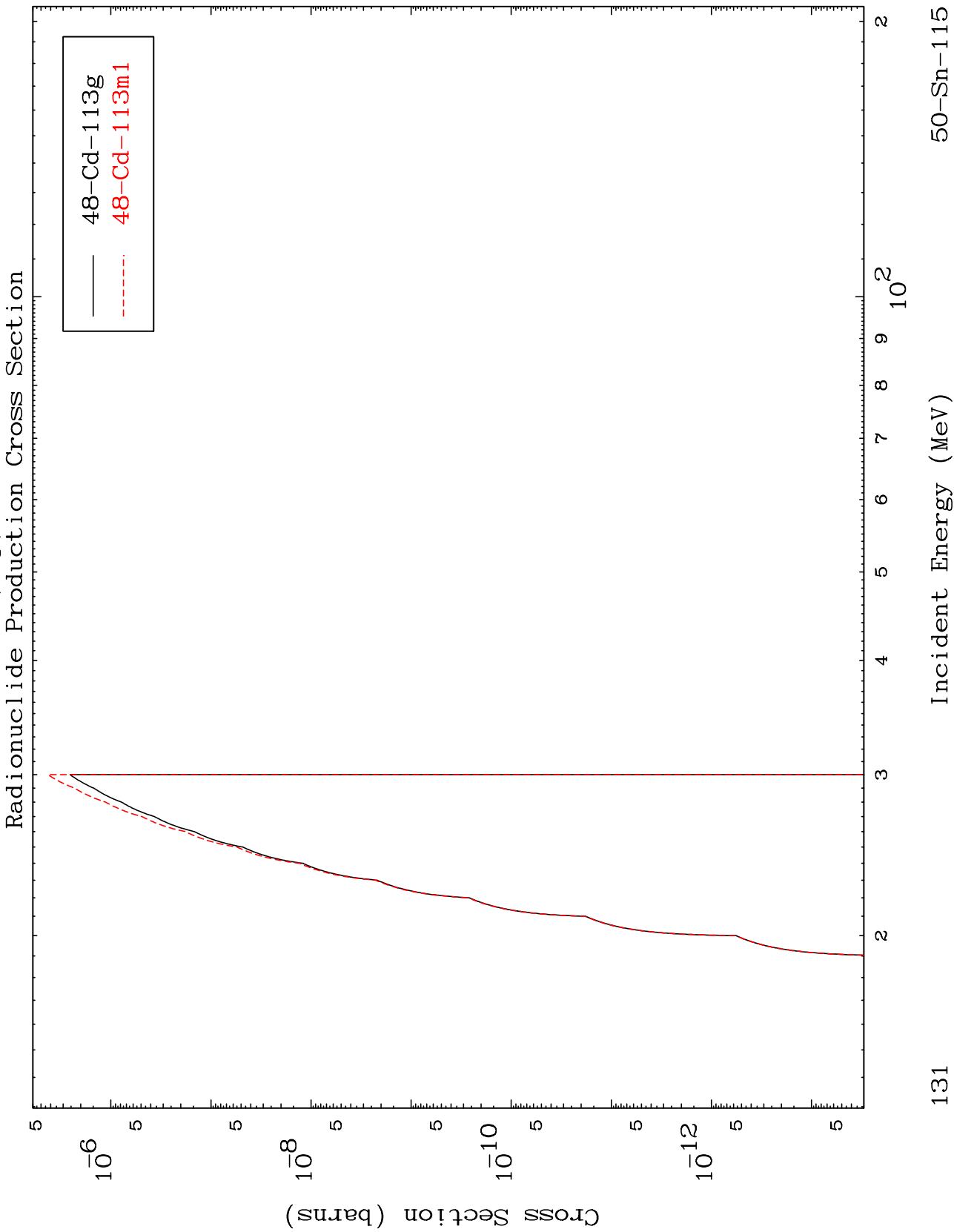
50-Sn-115



MAT 5034

(n,p) d

50-Sn-115



131

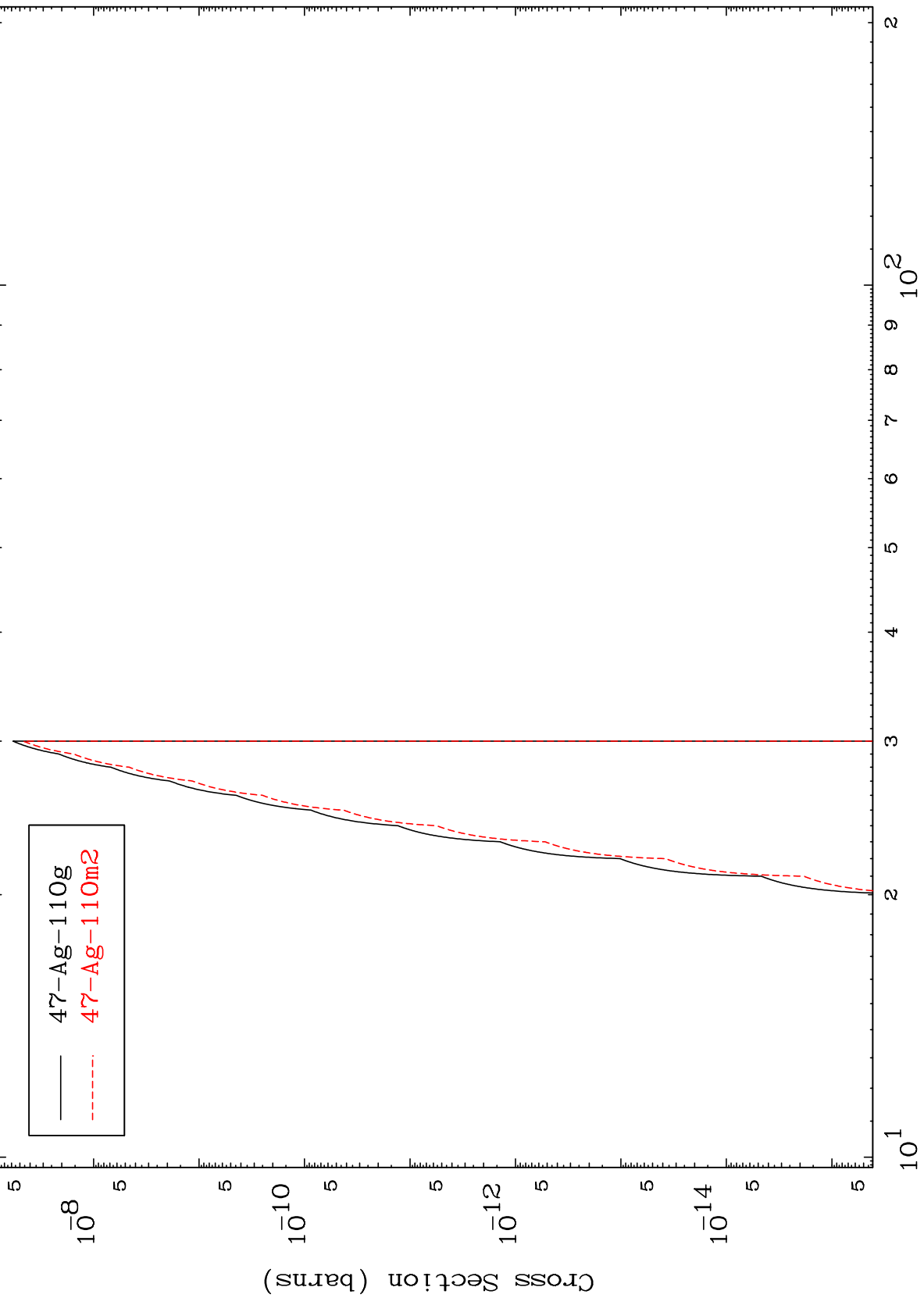
50-Sn-115

MAT 5034

(n,d)  $\alpha$

50-Sn-115

Radionuclide Production Cross Section



132

Incident Energy (MeV)

50-Sn-115