

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

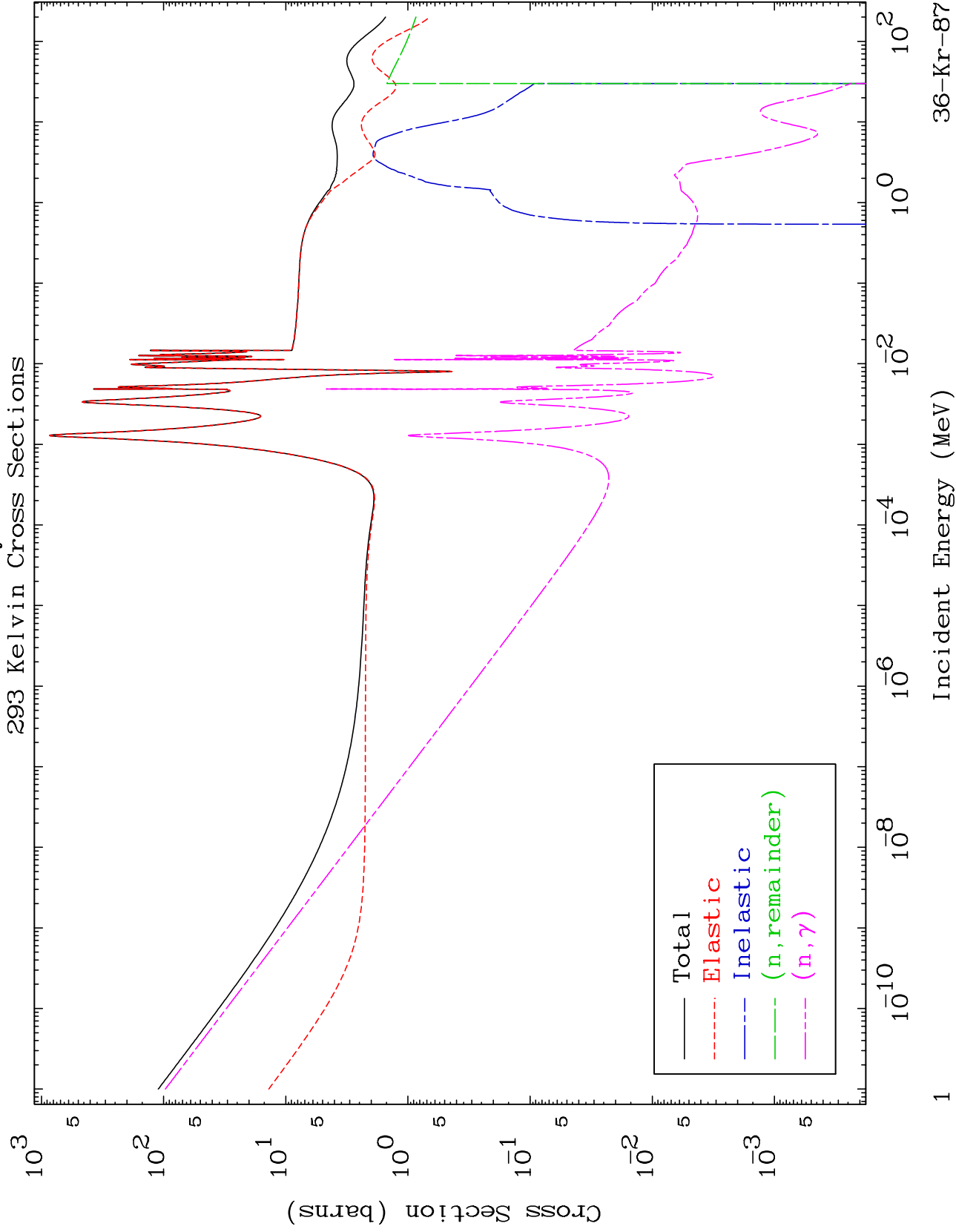
Press Mouse Button to Start

MAT 3652

Major

293 Kelvin Cross Sections

36-Kr-87



1

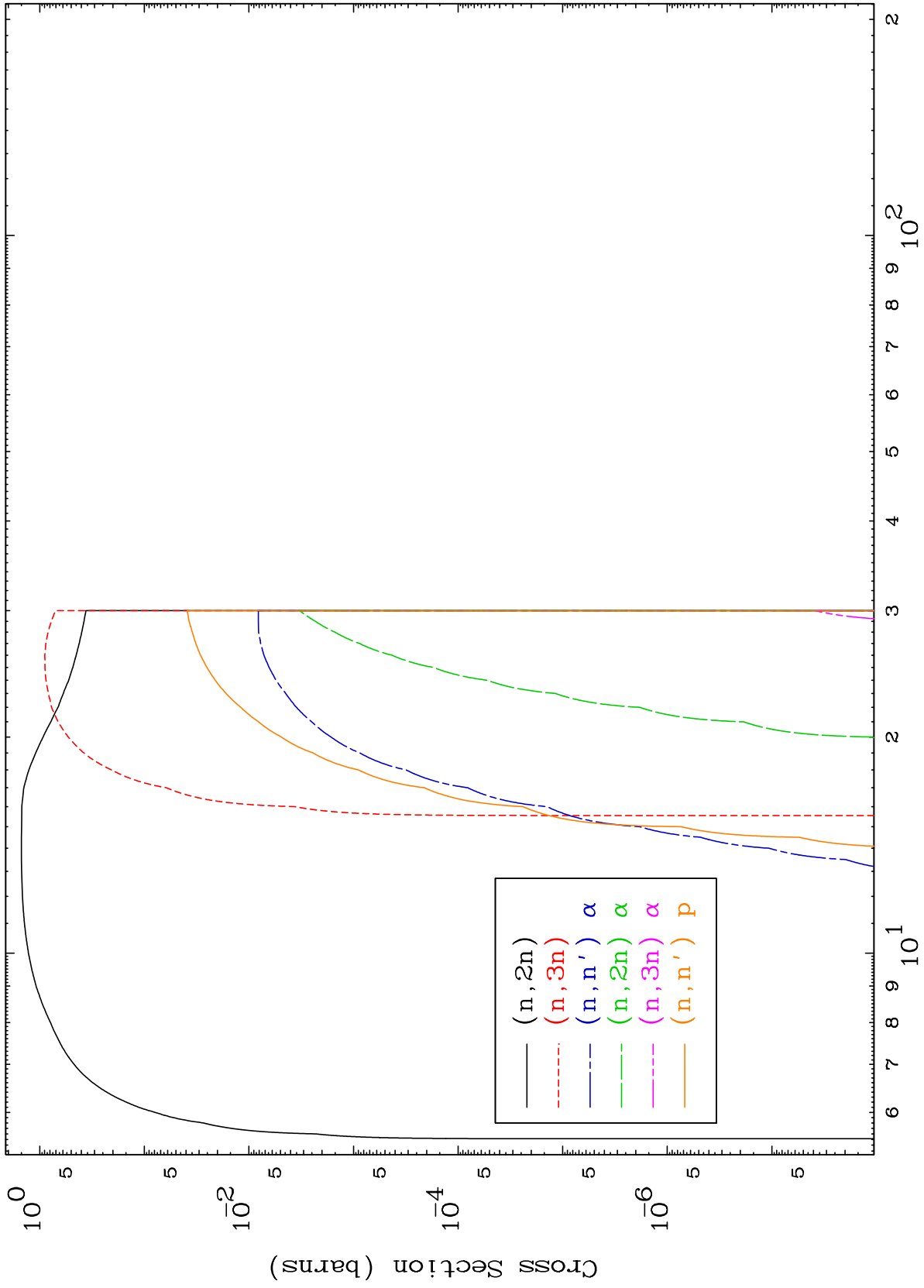
Incident Energy (MeV)

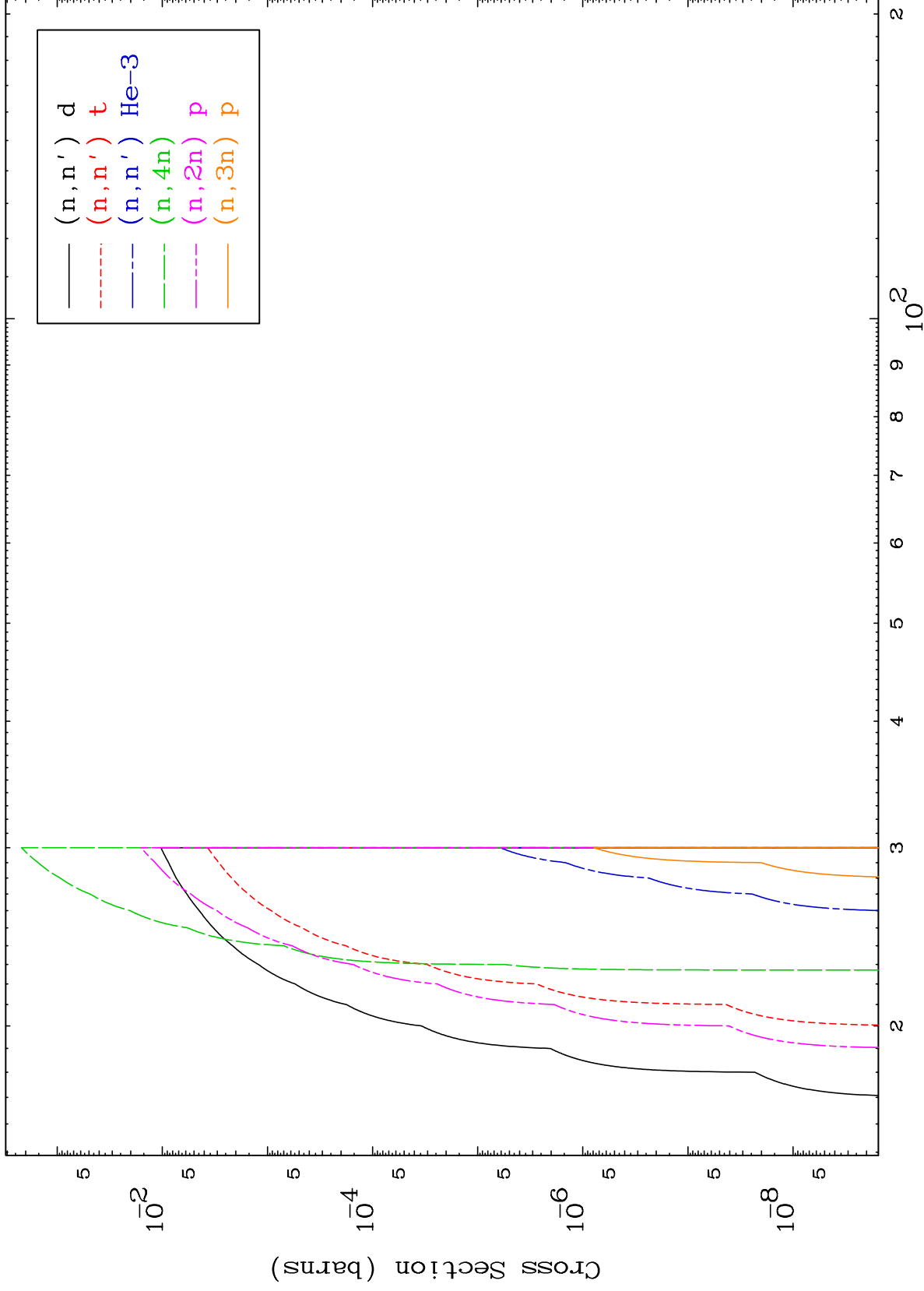
36-Kr-87

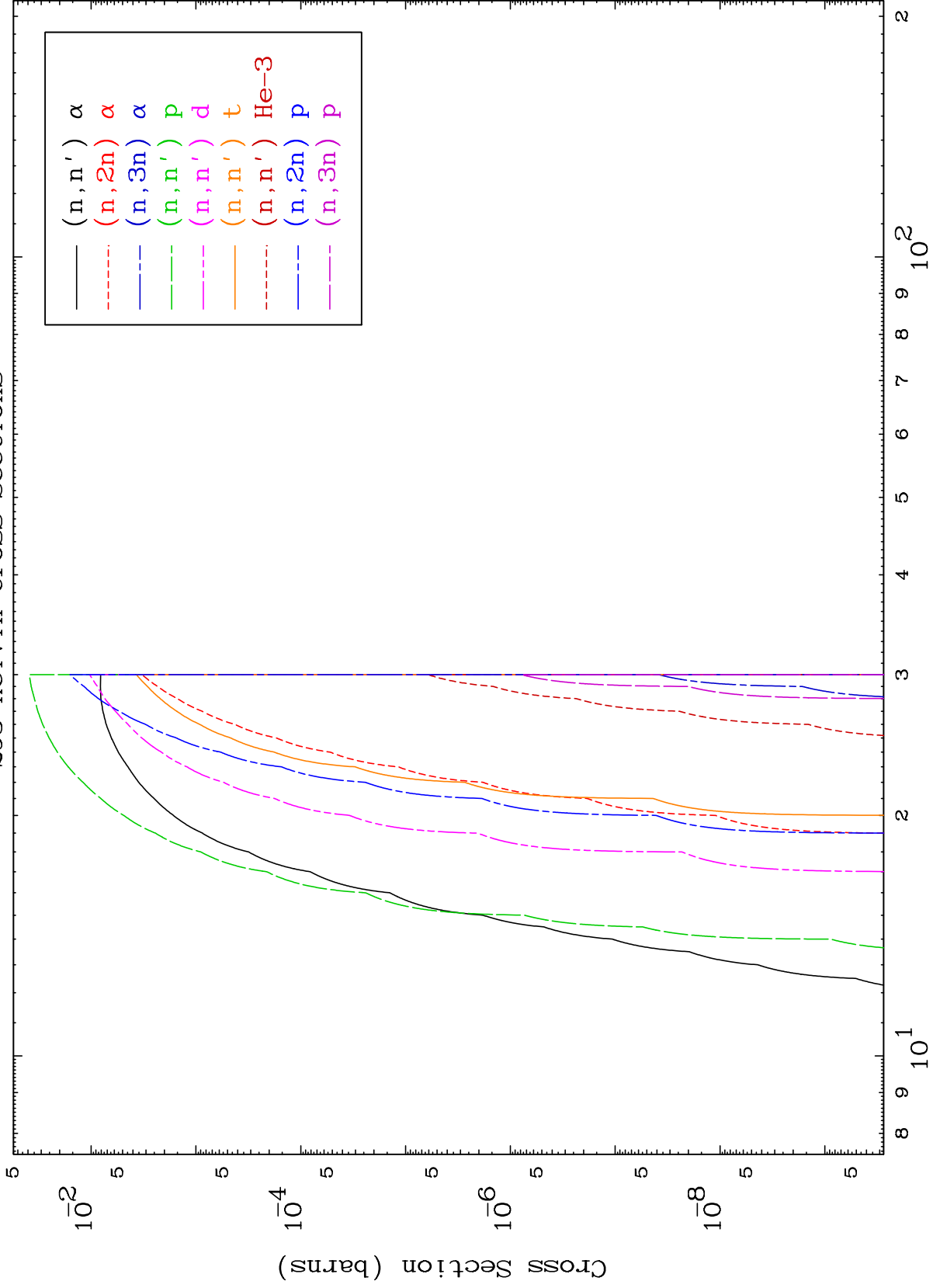
MAT 3652

Neutron Production  
293 Kelvin Cross Sections

36-Kr-87



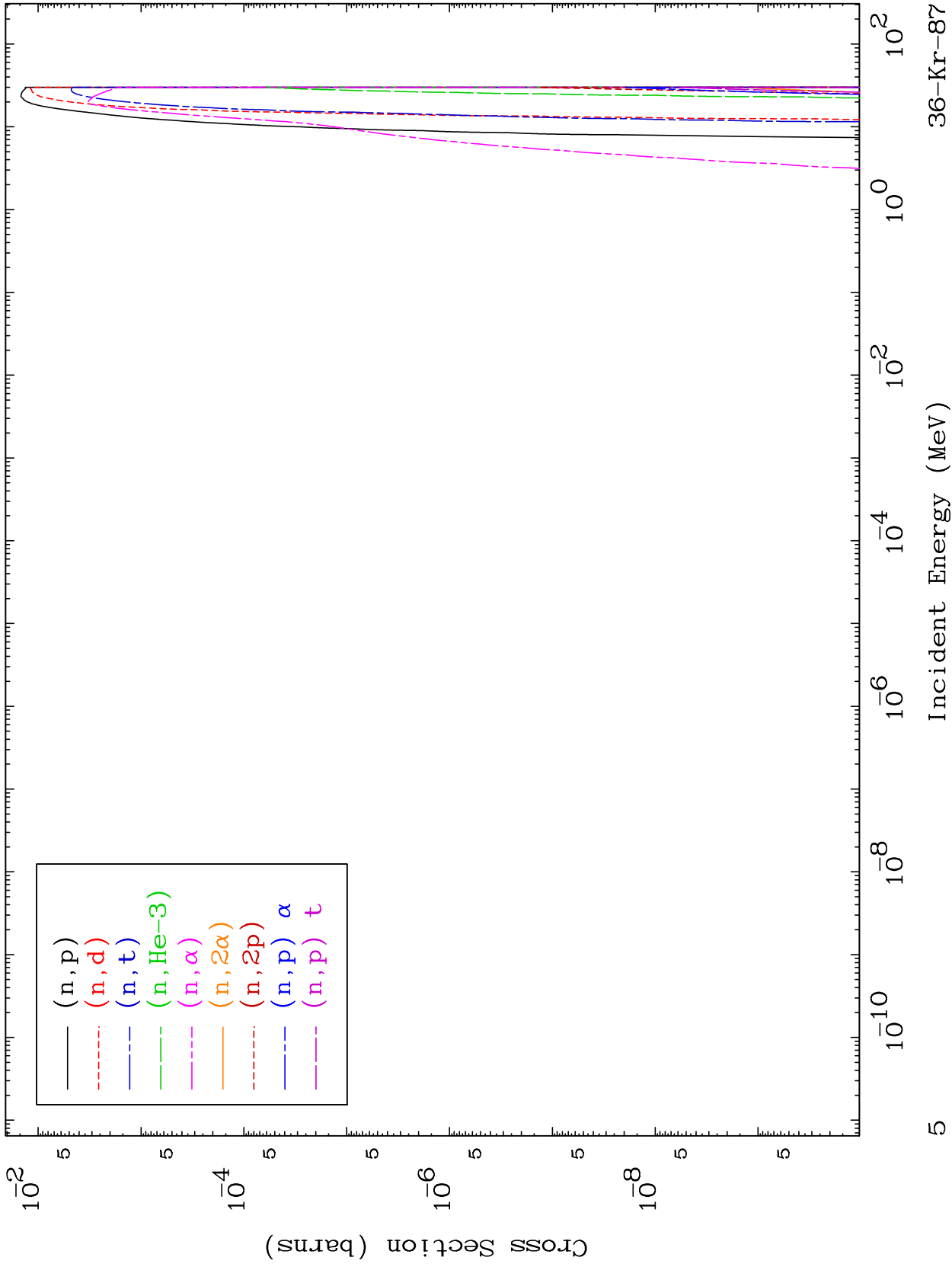




MAT 3652

Charged Particle  
293 Kelvin Cross Sections

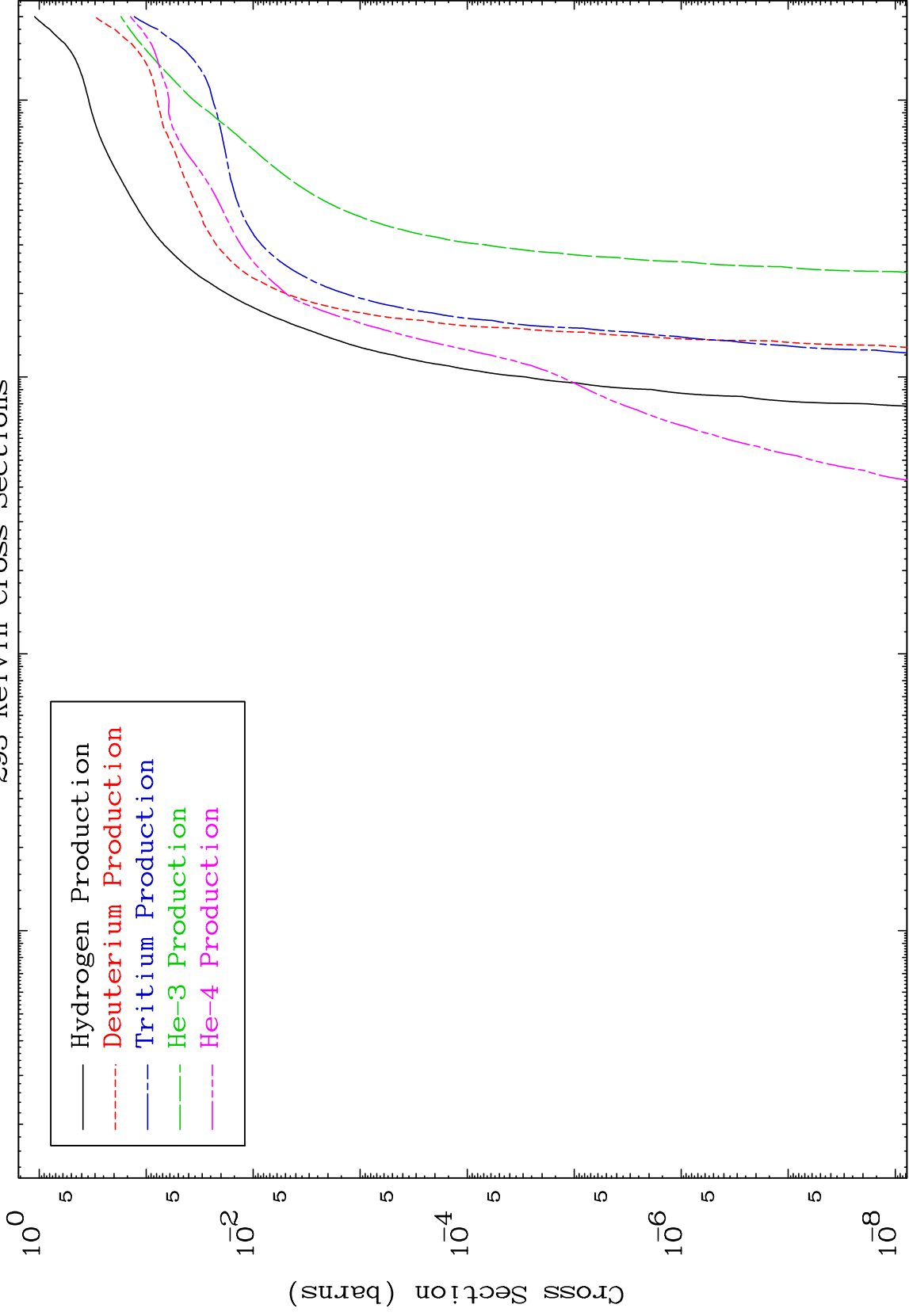
36-Kr-87



MAT 3652

Particle Production  
293 Kelvin Cross Sections

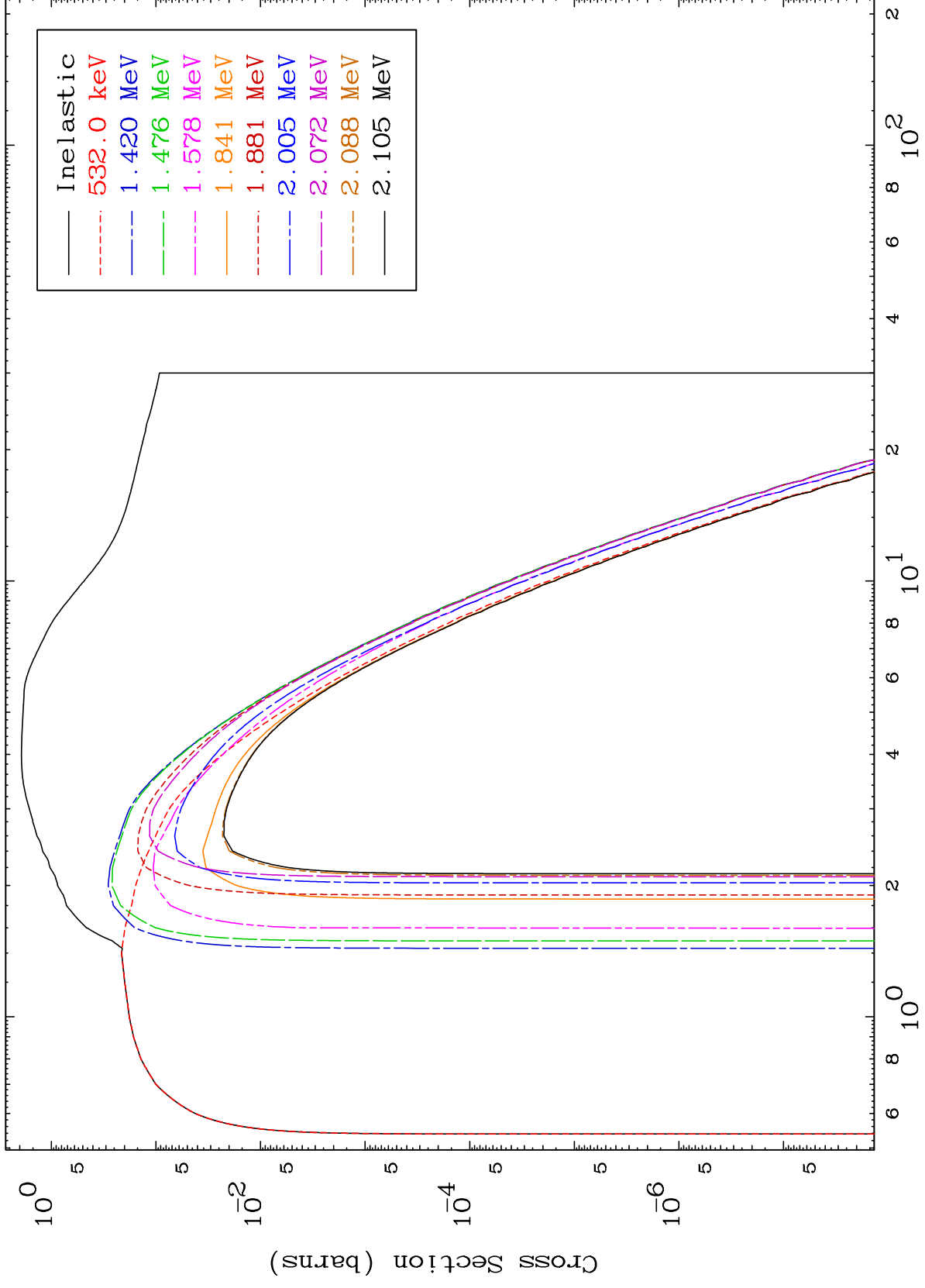
36-Kr-87



MAT 3652

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-87

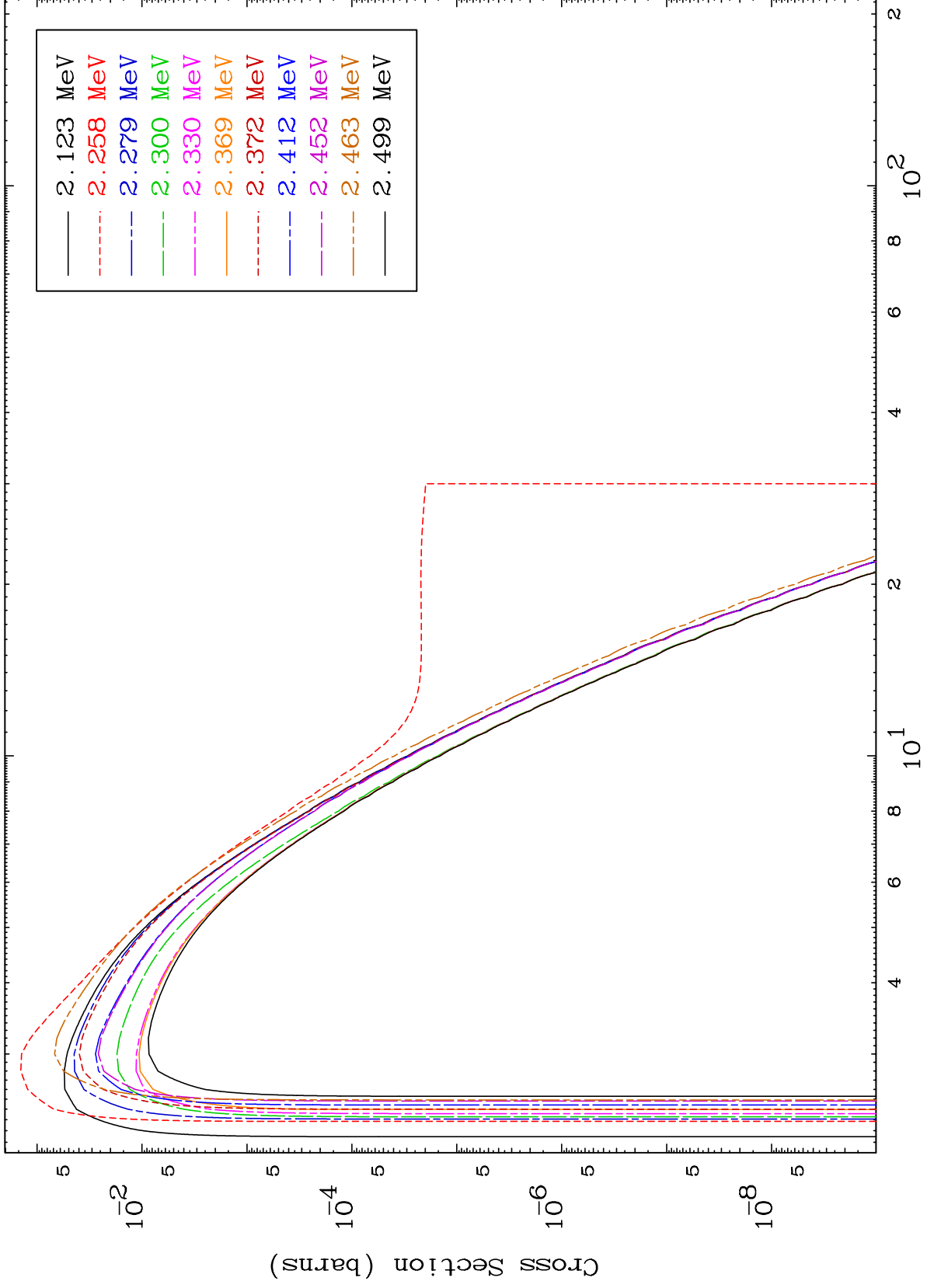




MAT 3652

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-87



8

Incident Energy (MeV)

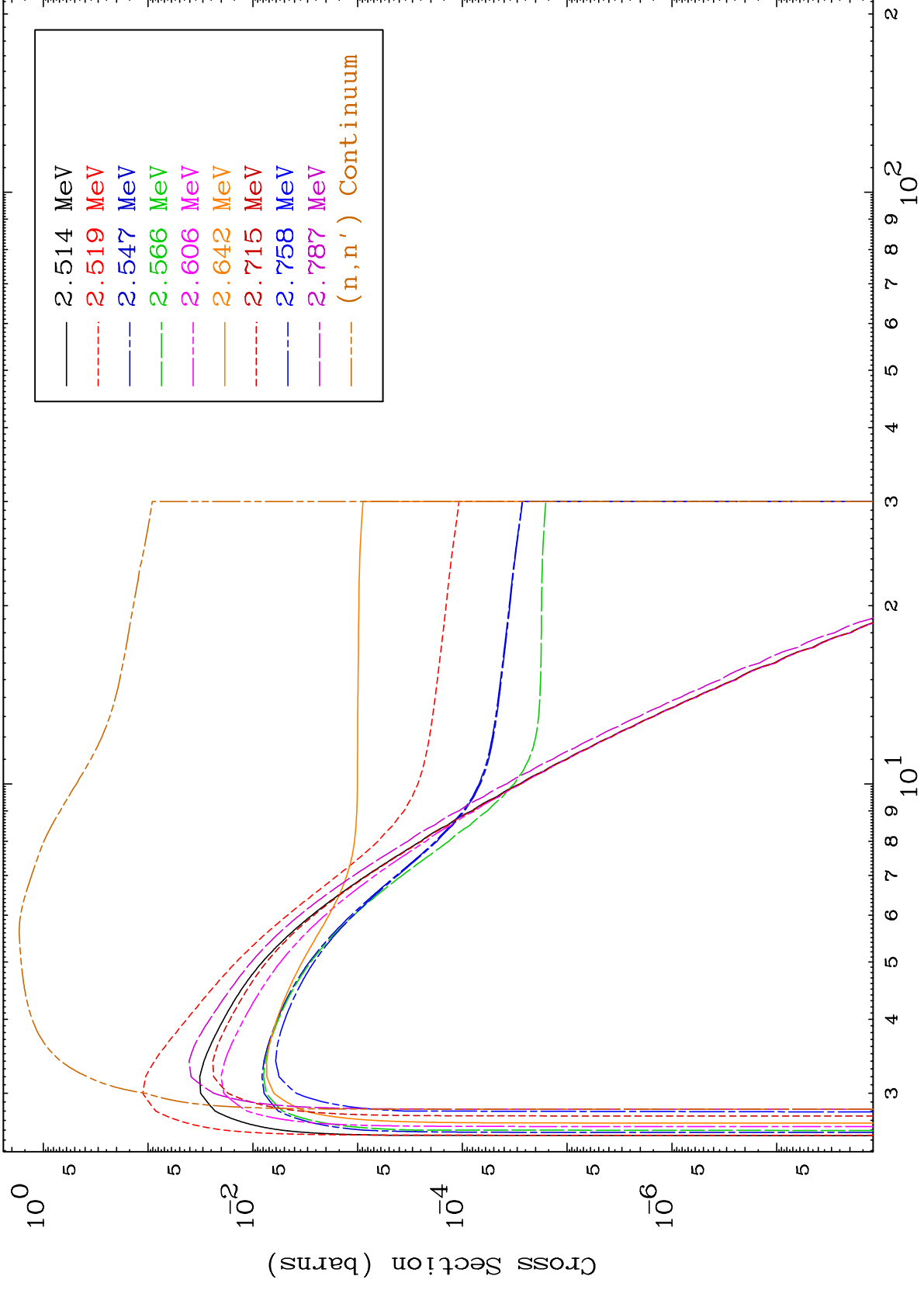
36-Kr-87

MAT 3652

(n,n') Level

36-Kr-87

293 Kelvin Cross Sections



9

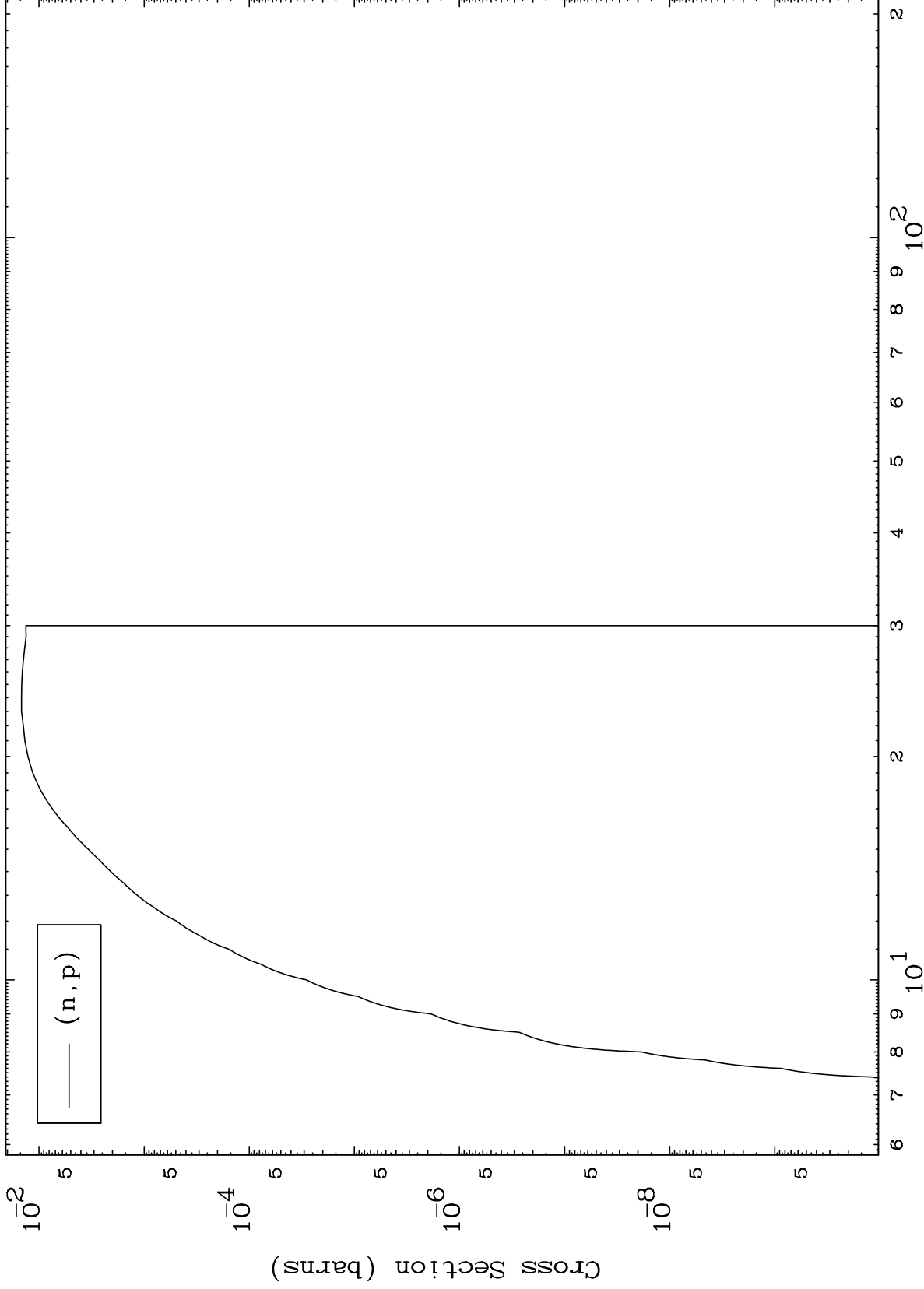
Incident Energy (MeV)

36-Kr-87

MAT 3652

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-87



10

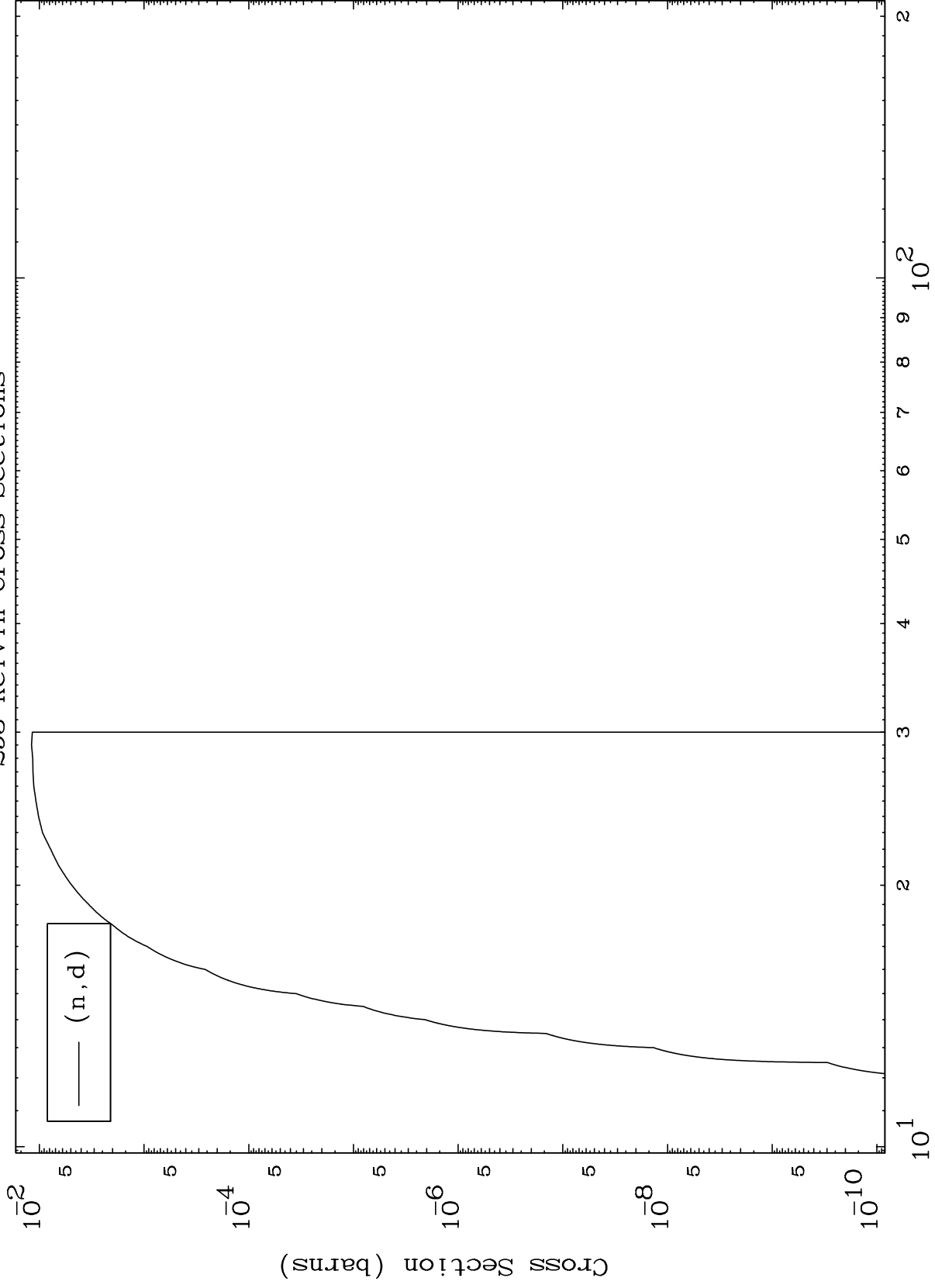
Incident Energy (MeV)

36-Kr-87

MAT 3652

(n,d) Levels  
293 Kelvin Cross Sections

36-Kr-87



11

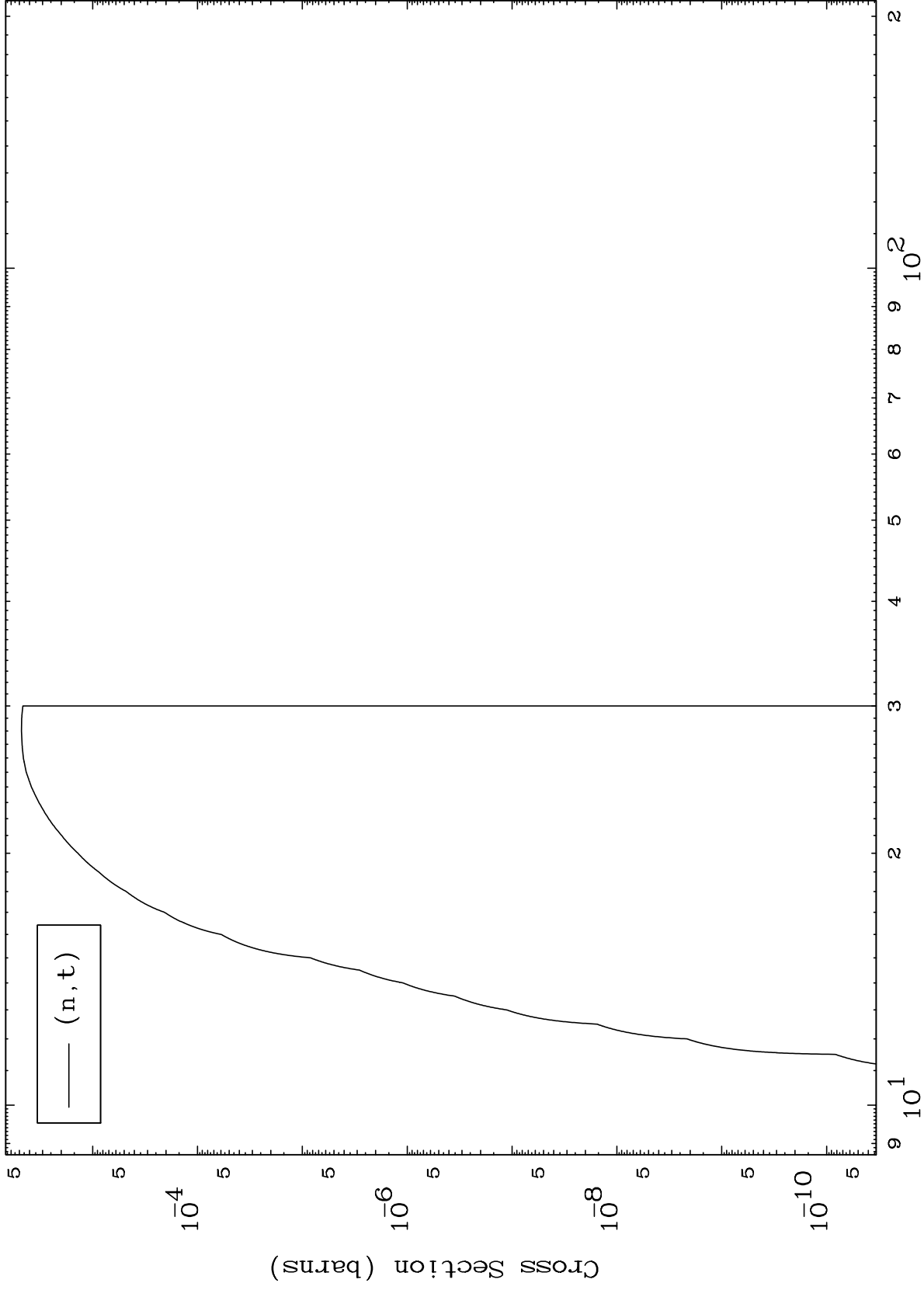
Incident Energy (MeV)

36-Kr-87

MAT 3652

(n,t) Levels  
293 Kelvin Cross Sections

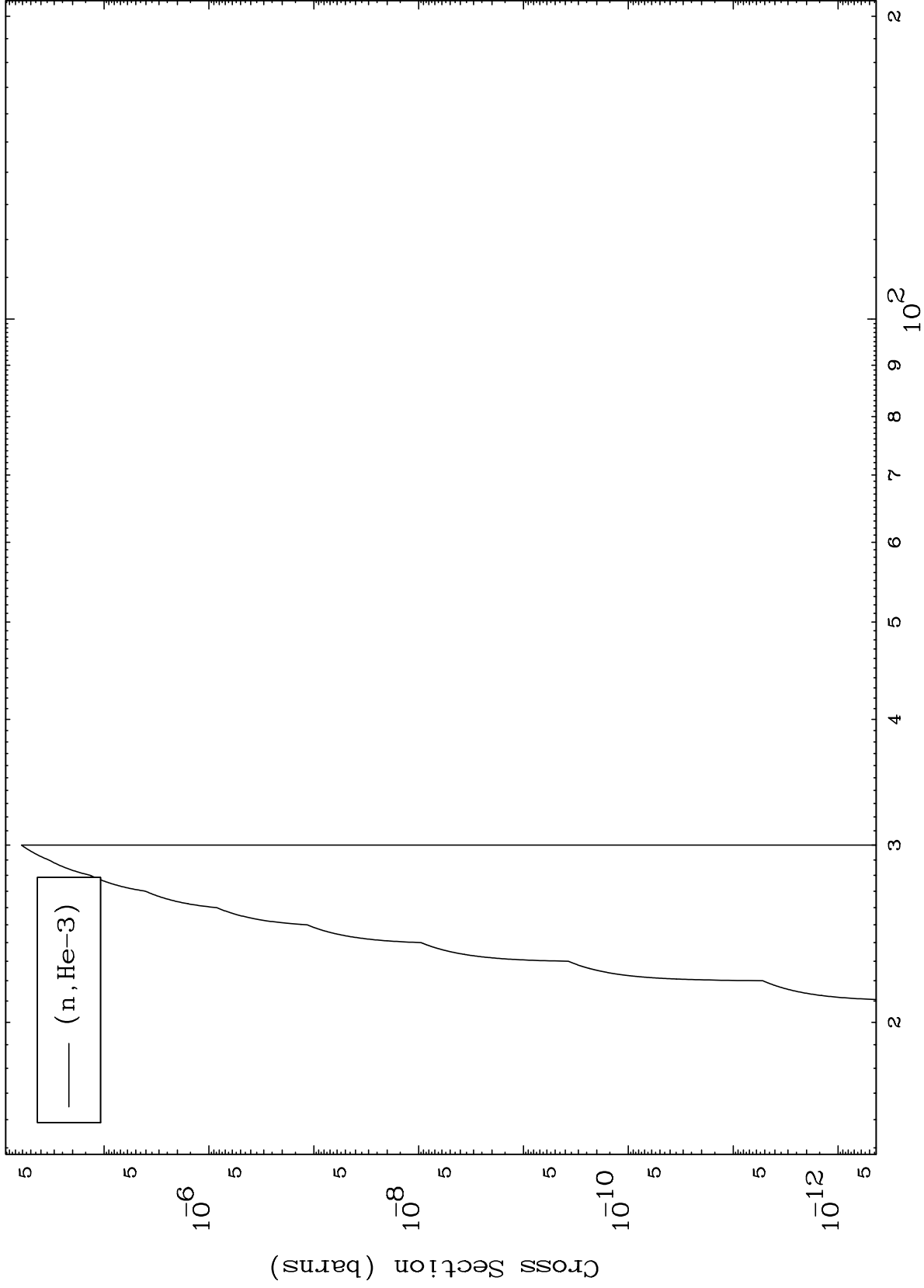
36-Kr-87



12

Incident Energy (MeV)

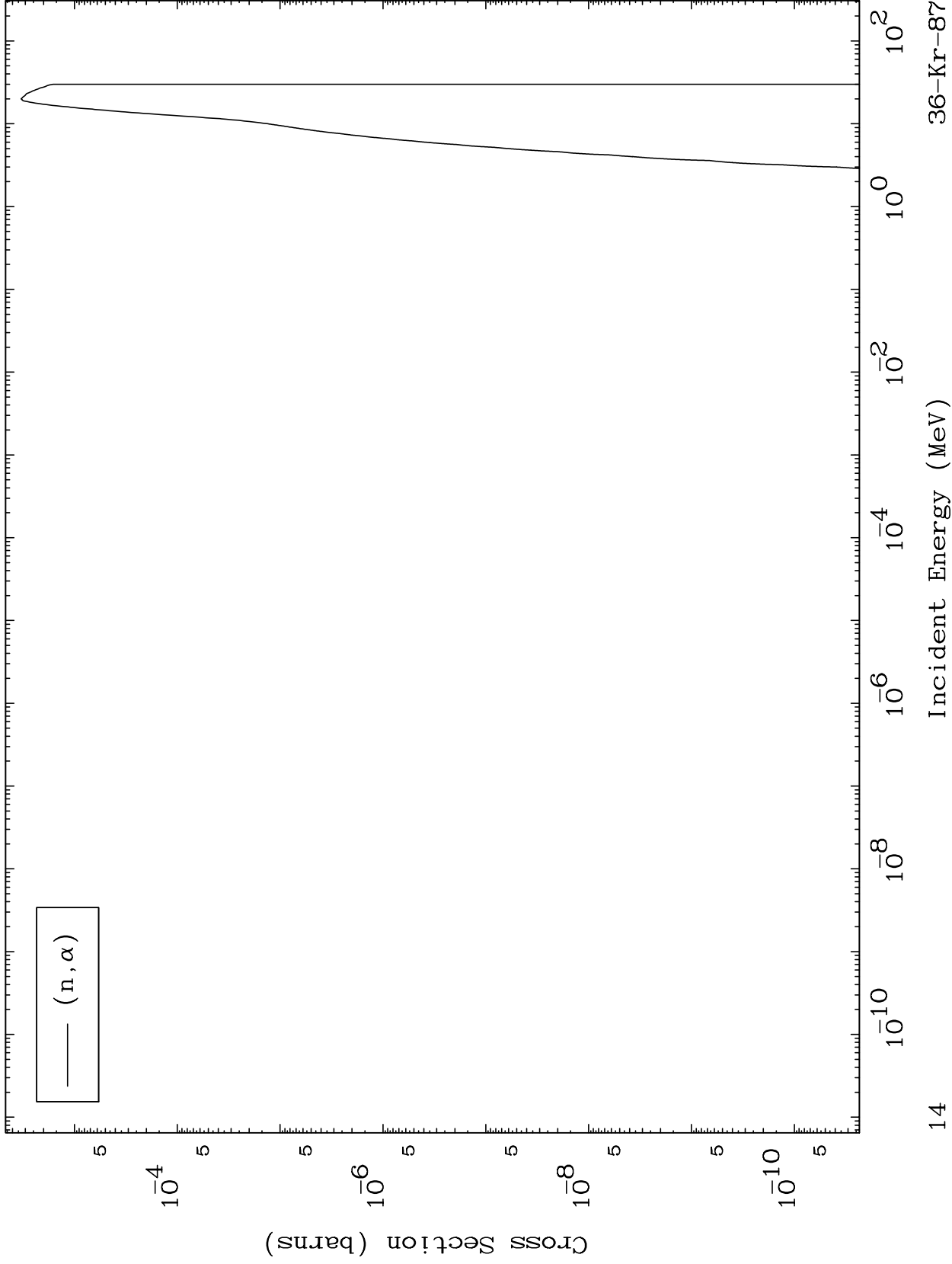
36-Kr-87

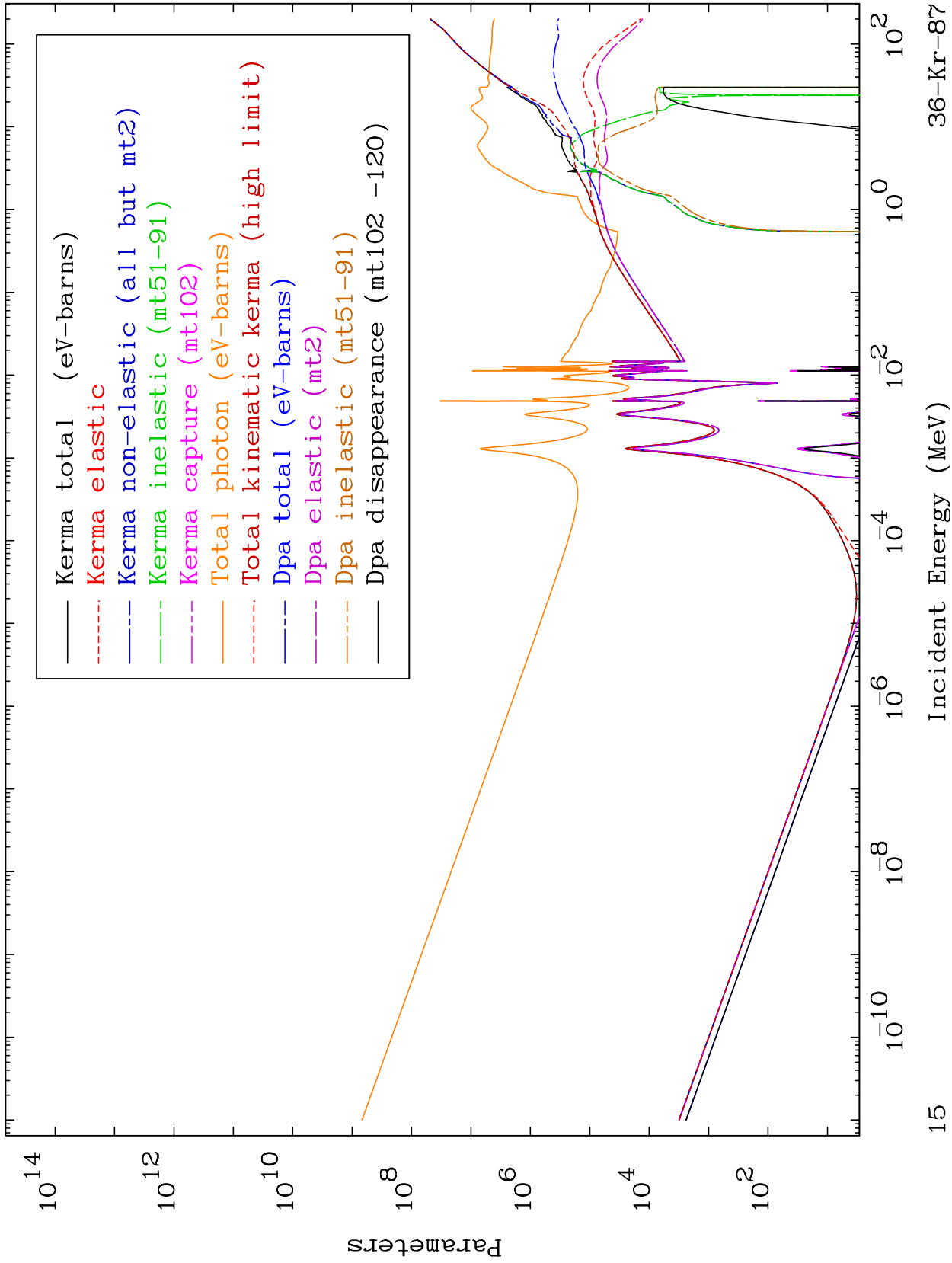


MAT 3652

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

36-Kr-87



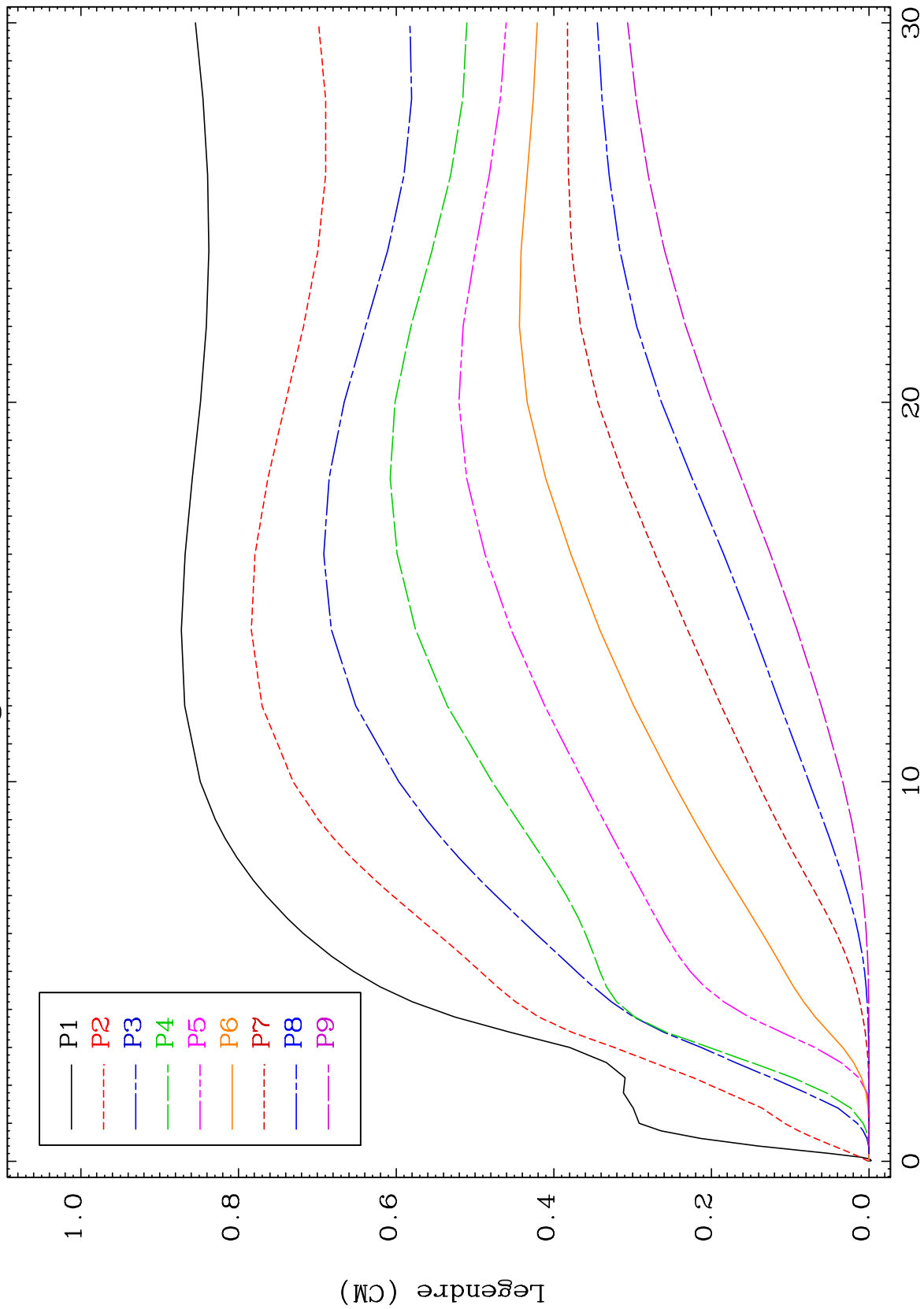




MAT 3652

Elastic Legendre Coefficients

36-Kr-87



16

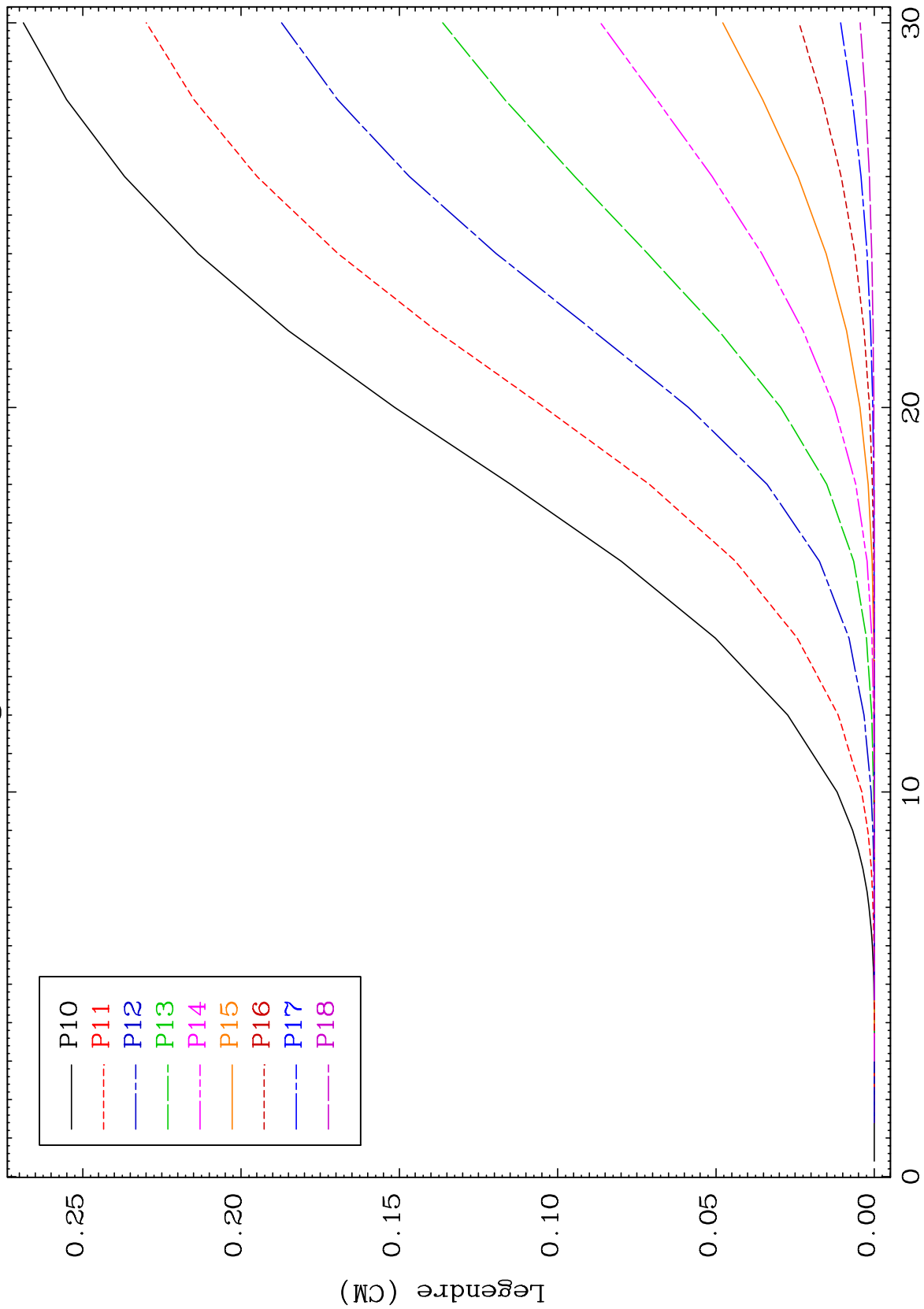
Incident Energy (MeV)

36-Kr-87

MAT 3652

Elastic Legendre Coefficients

<sup>36</sup>Kr-87



17

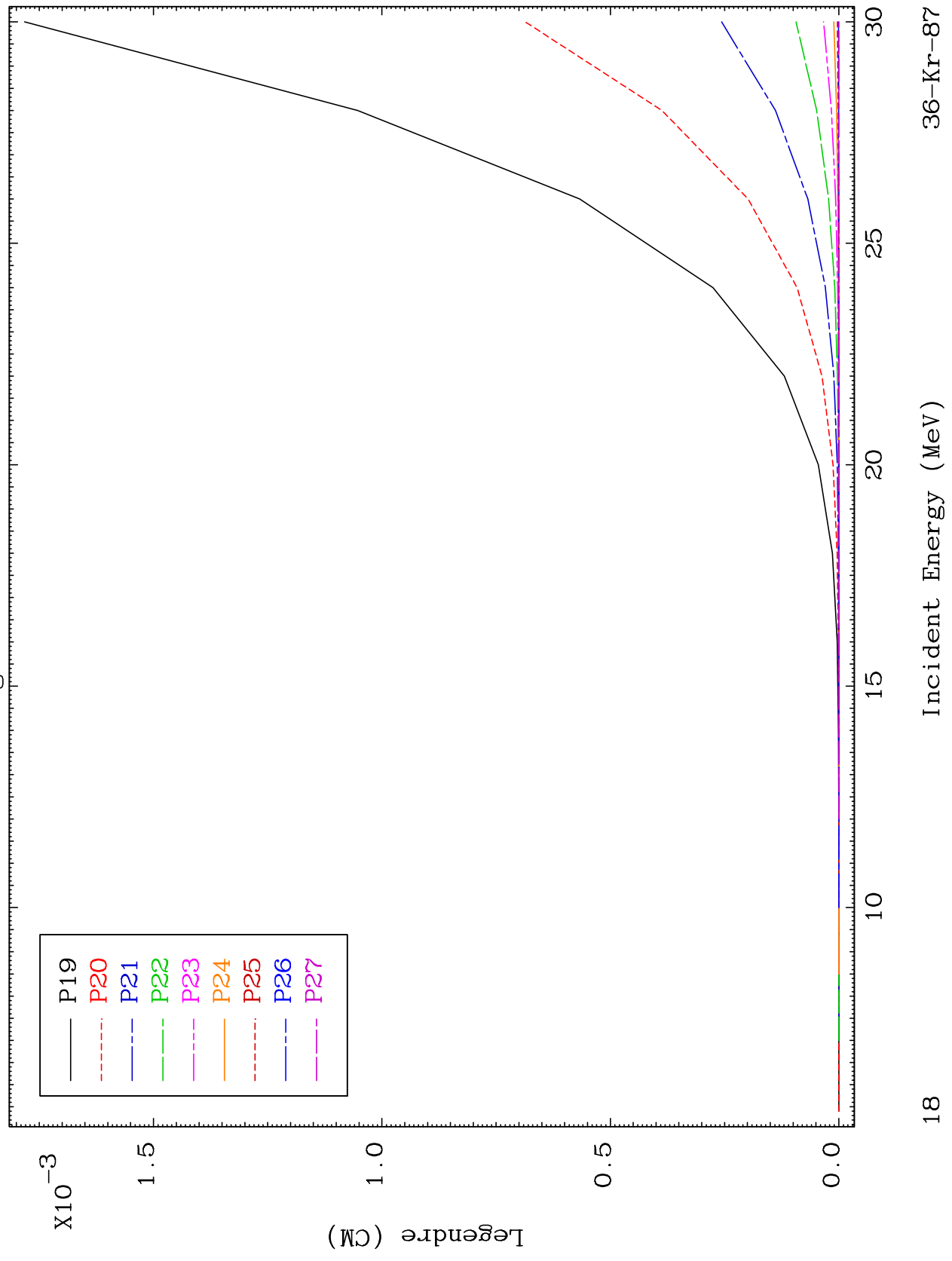
Incident Energy (MeV)

<sup>36</sup>Kr-87

MAT 3652

Elastic Legendre Coefficients

36-Kr-87



18

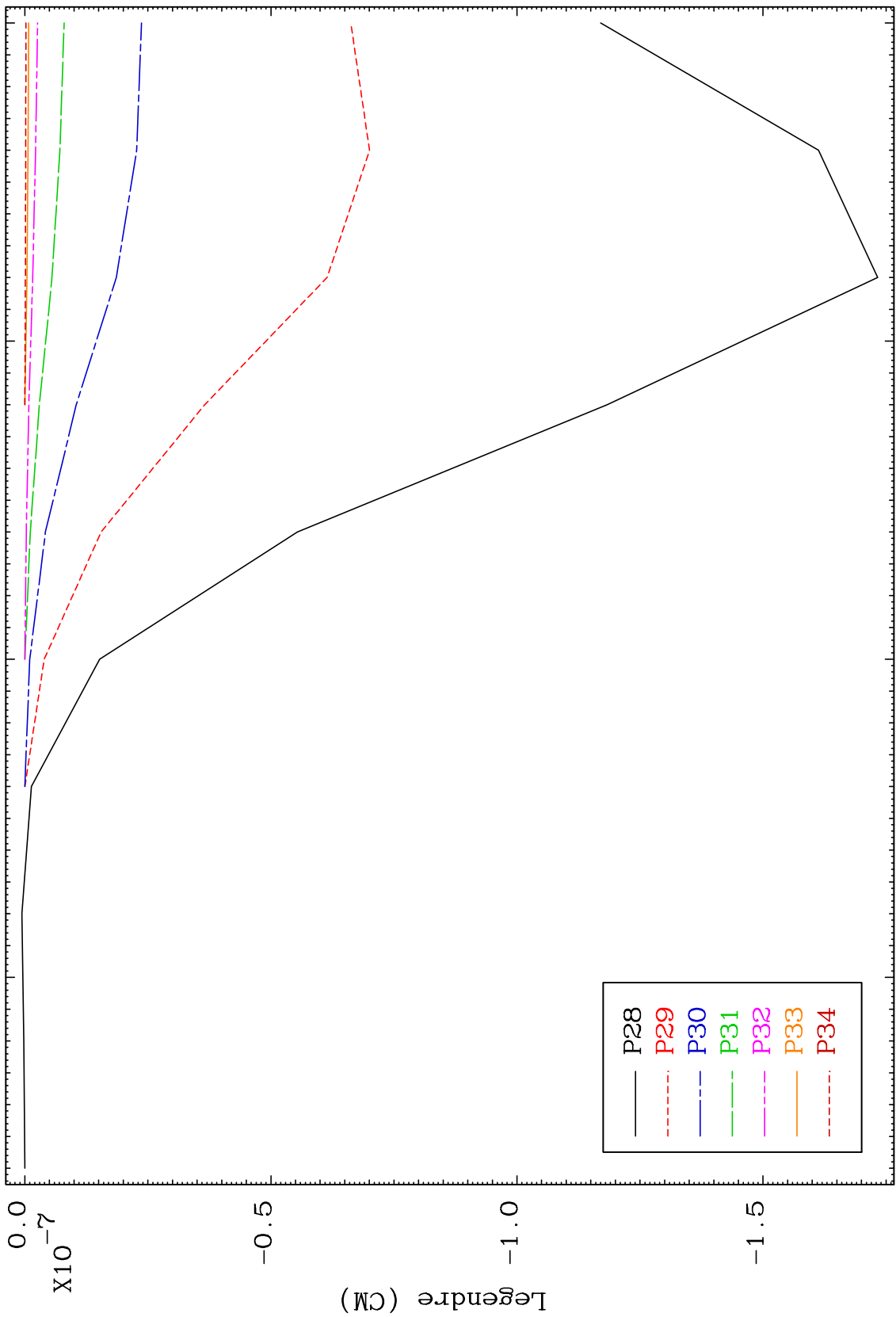
Incident Energy (MeV)

36-Kr-87

MAT 3652

36-Kr-87

Elastic Legendre Coefficients



19

Incident Energy (MeV)

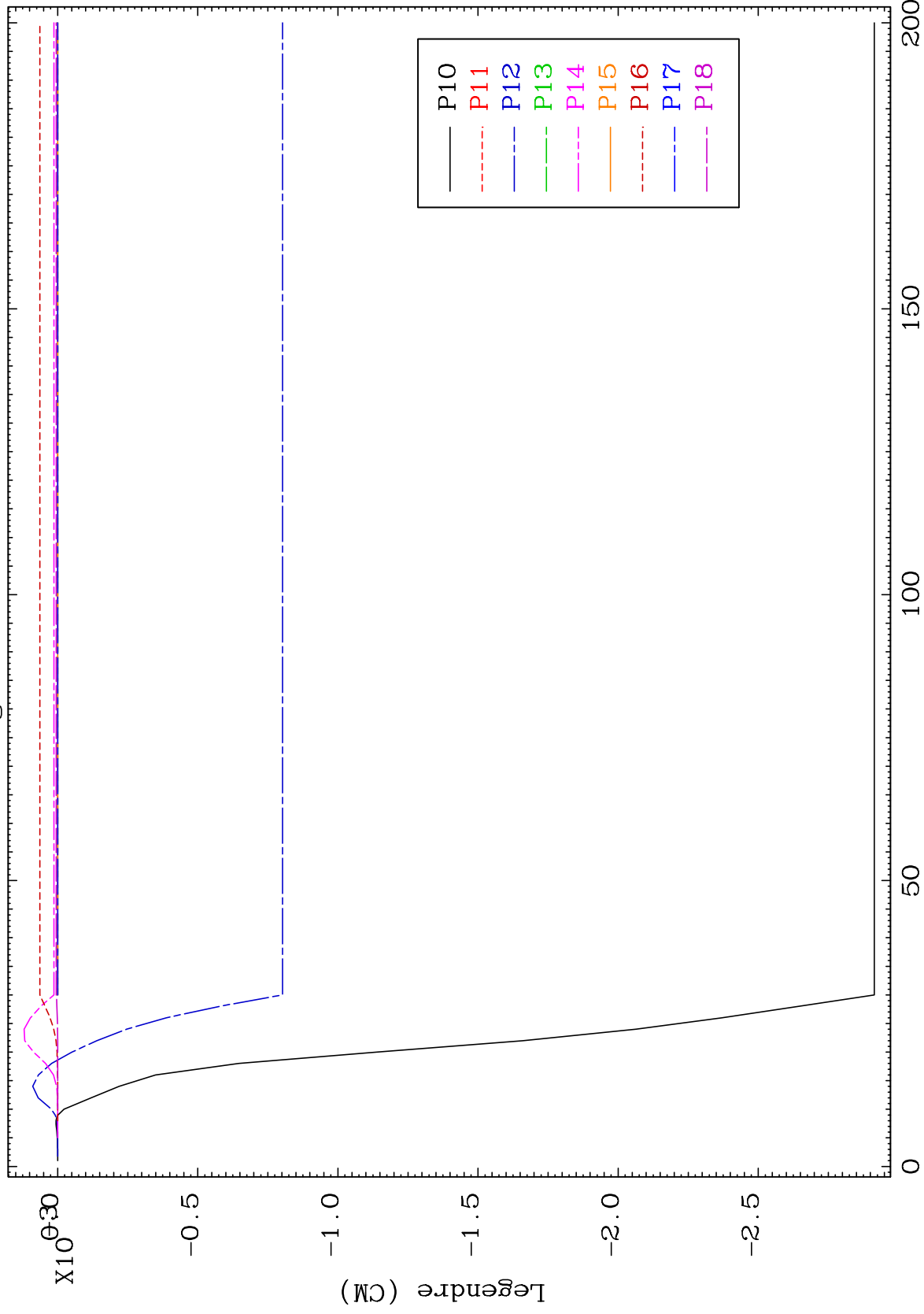
36-Kr-87



MAT 3652

532.0 keV (n,n') Level  
Legendre Coefficients

36-Kr-87

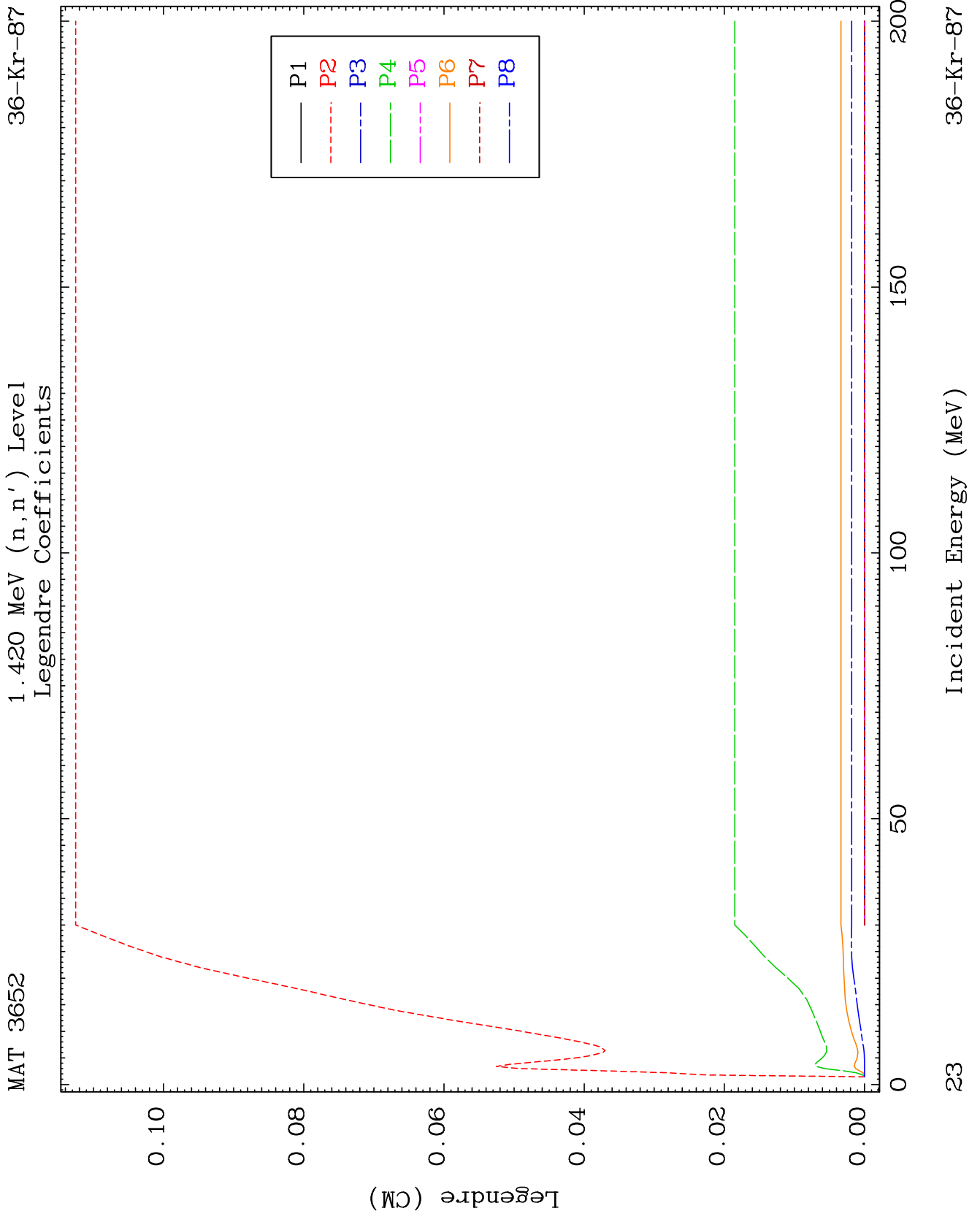


21

Incident Energy (MeV)

36-Kr-87



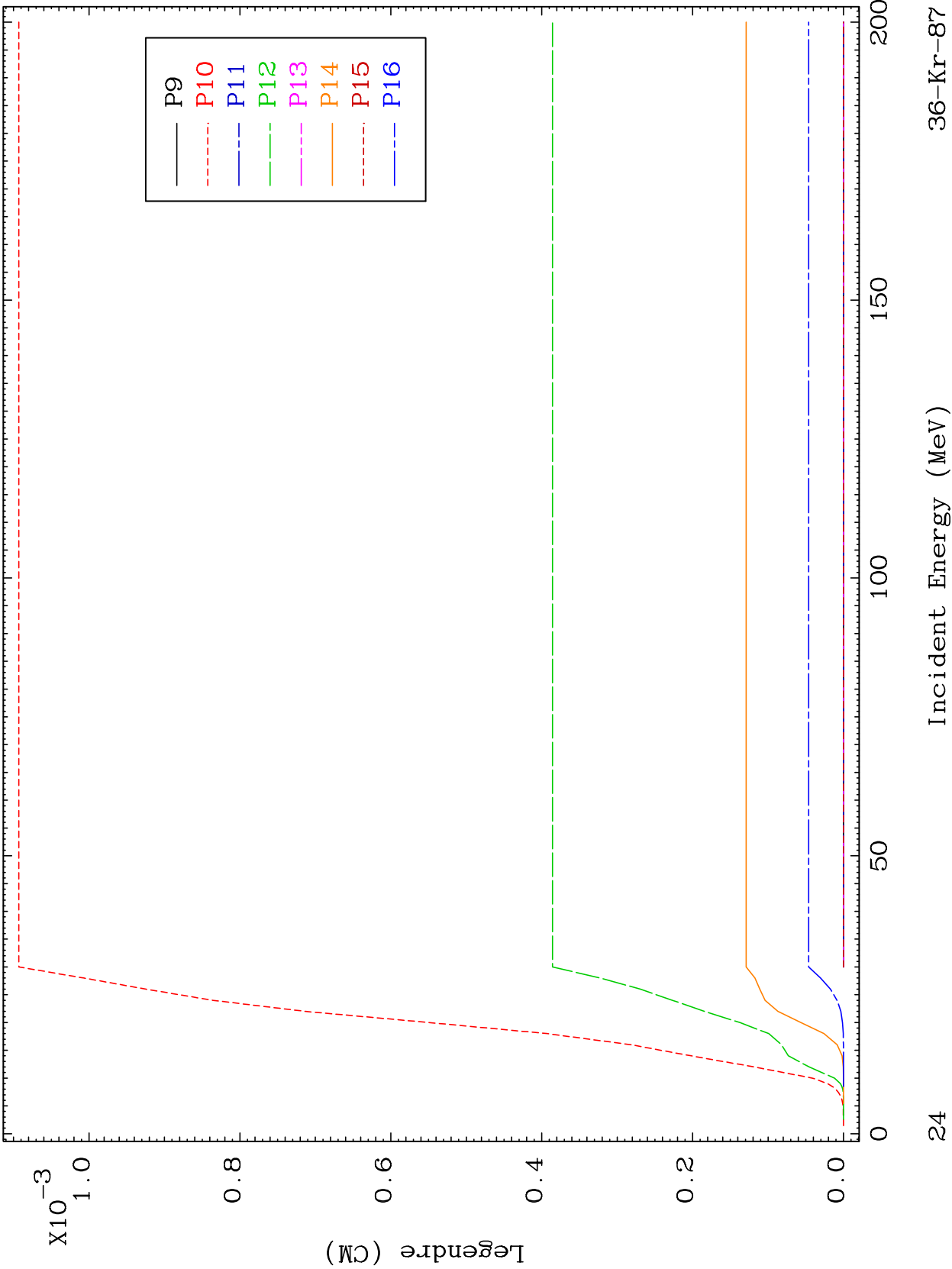




MAT 3652

1.420 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87



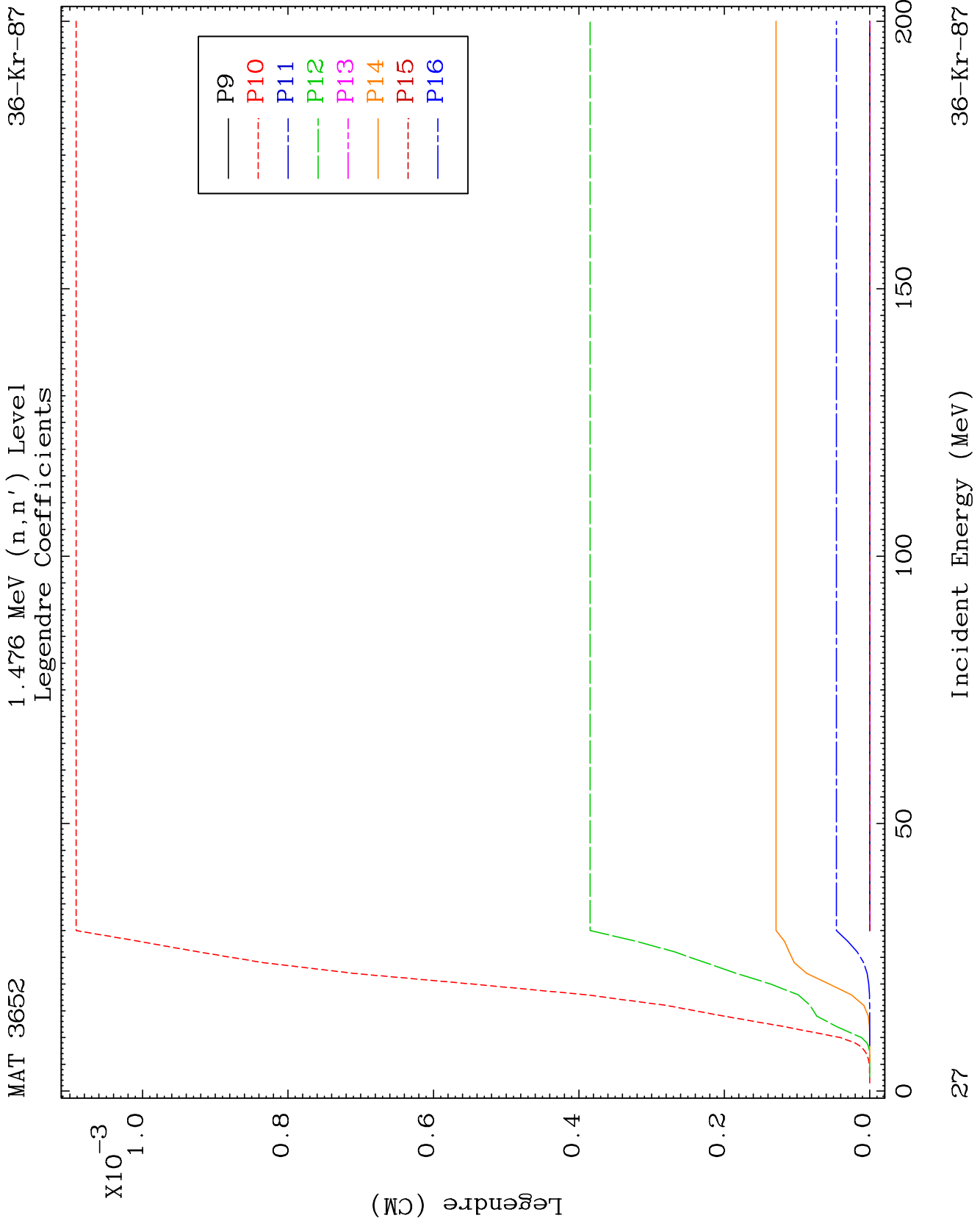
24

Incident Energy (MeV)

36-Kr-87

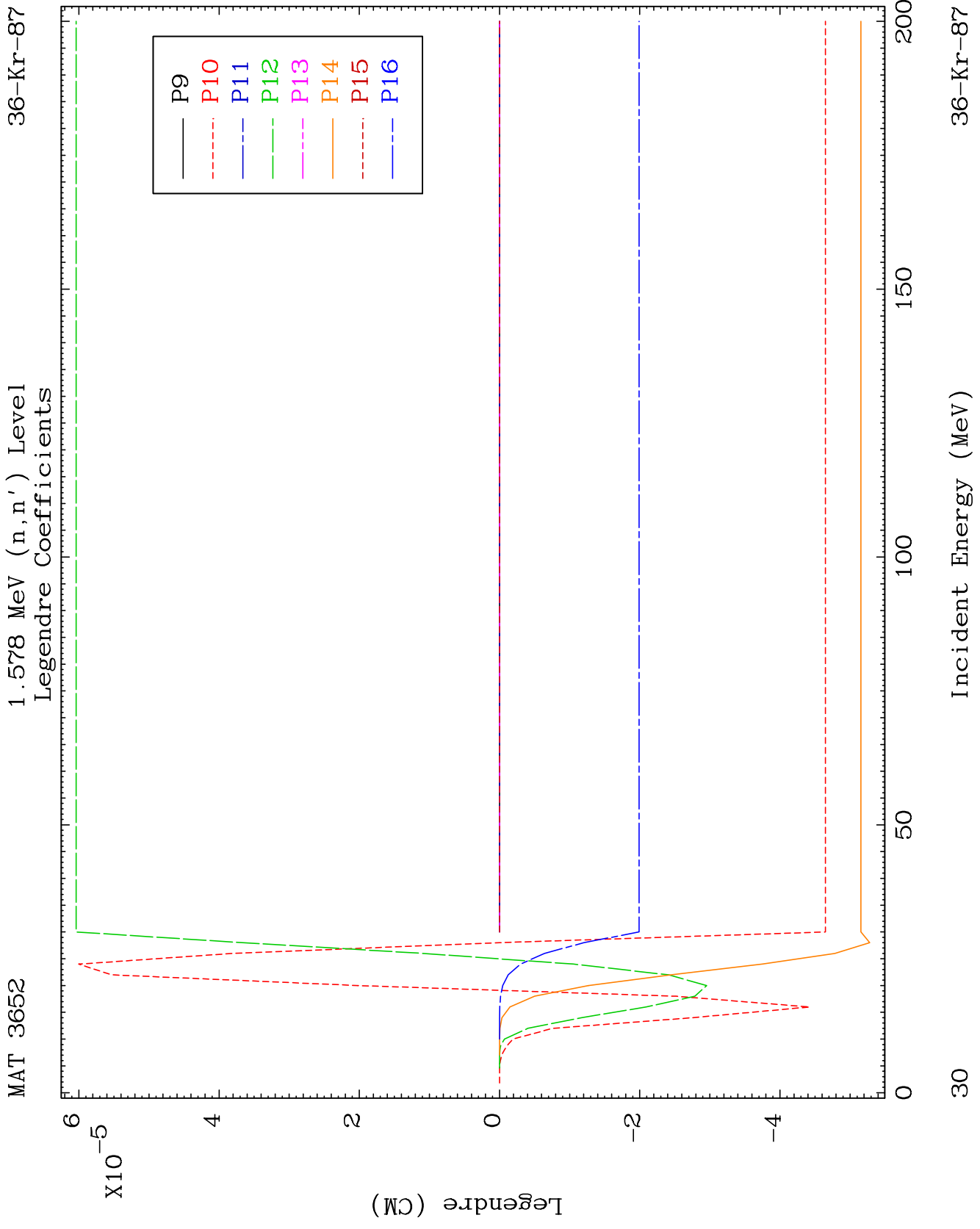


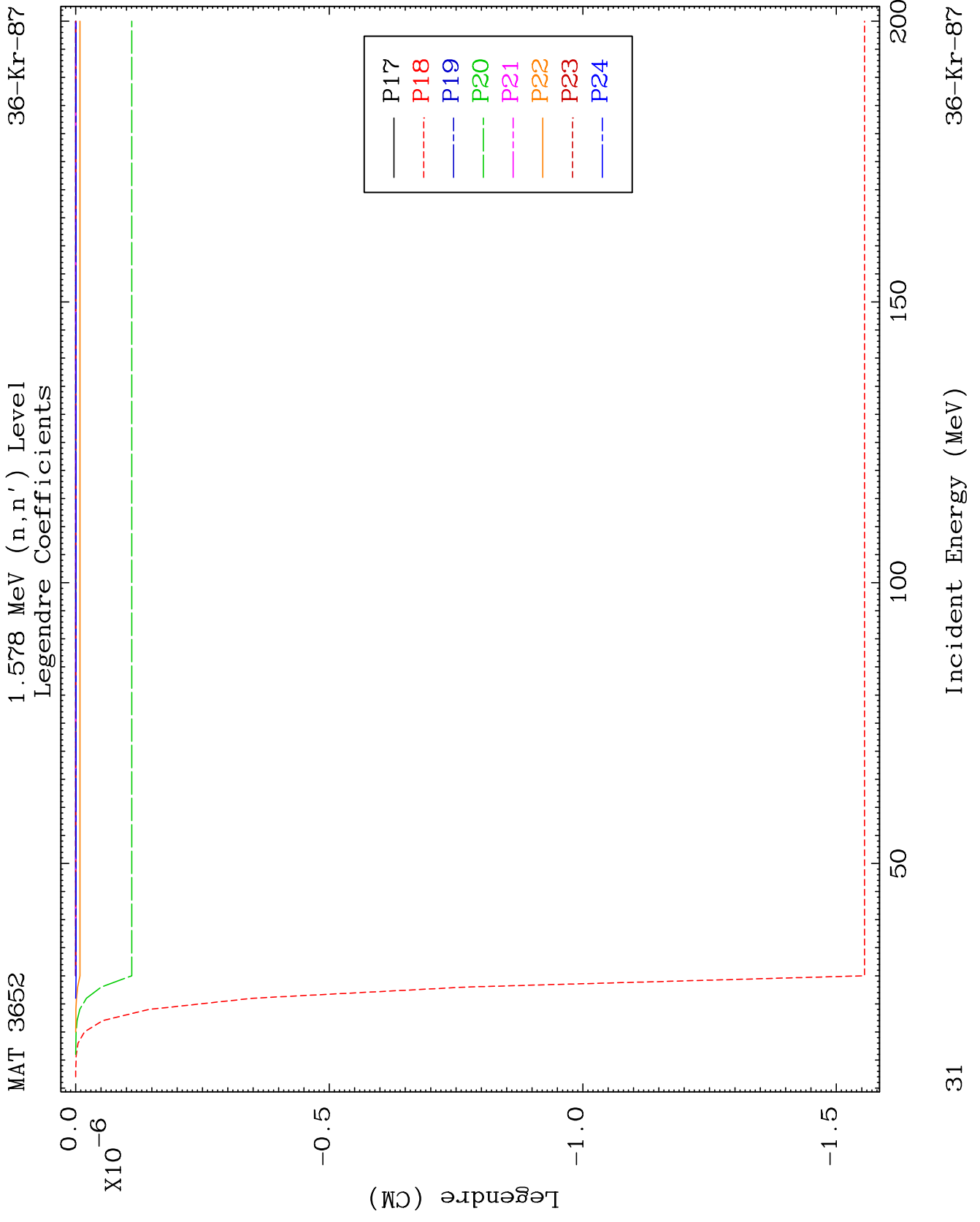




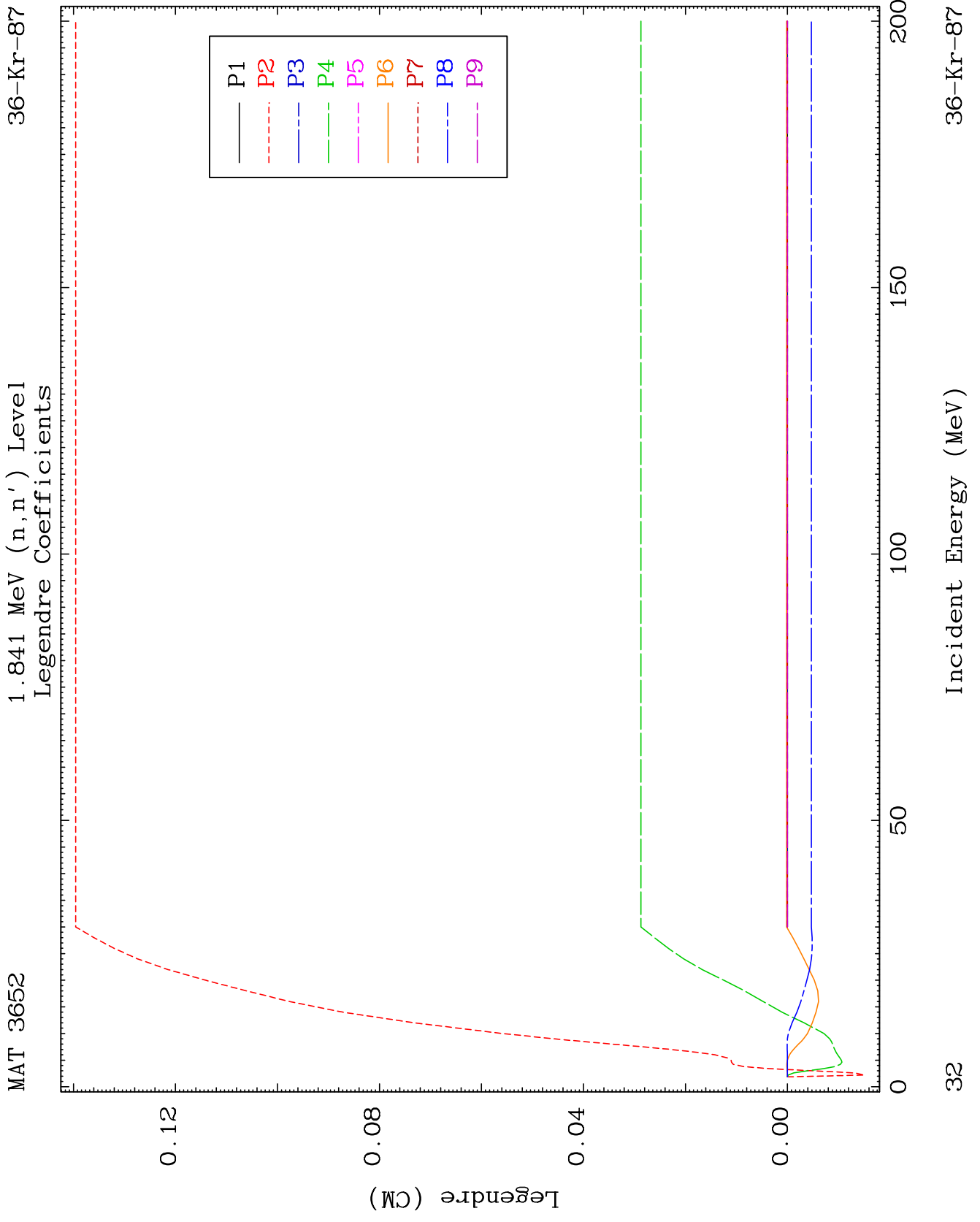


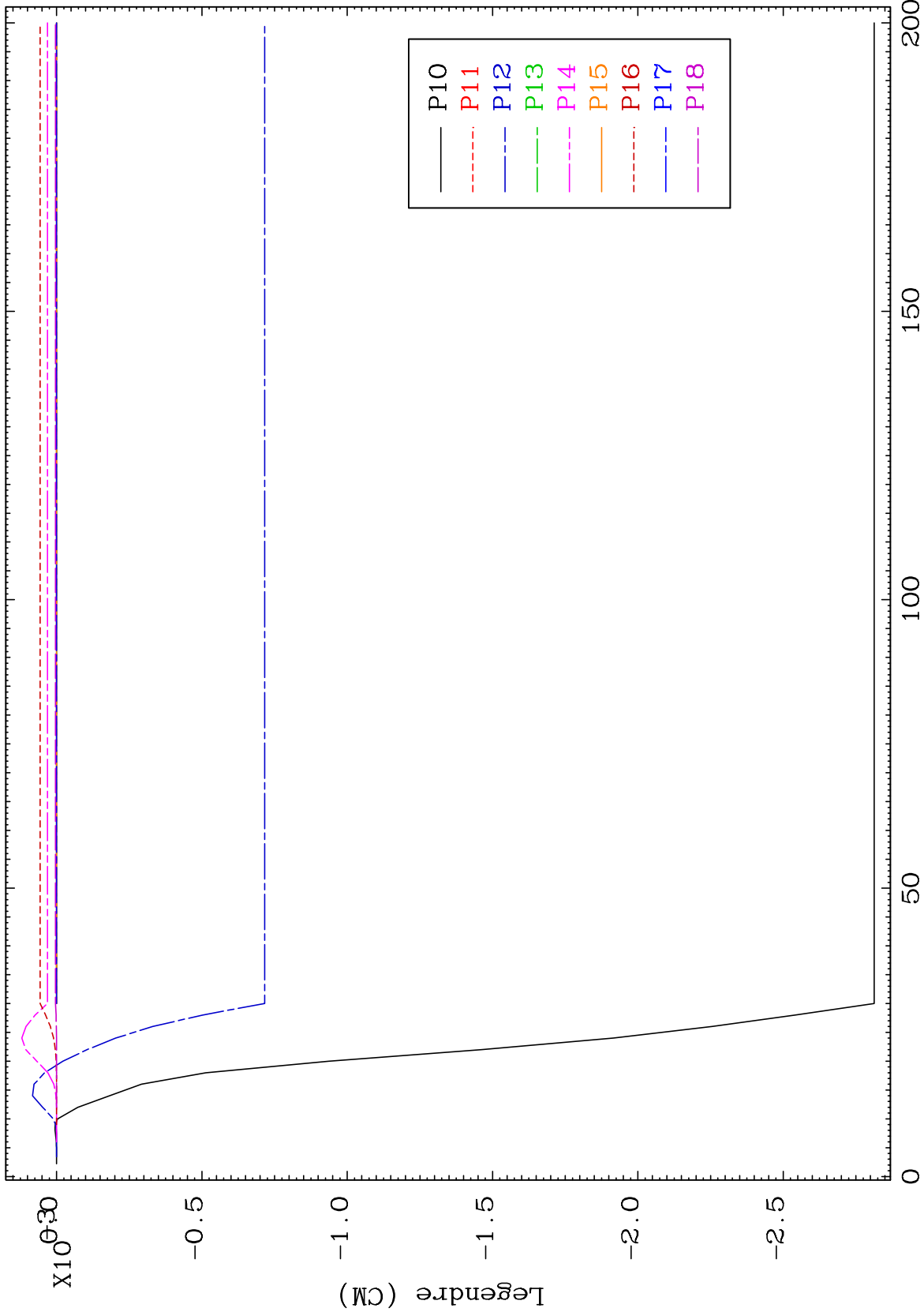




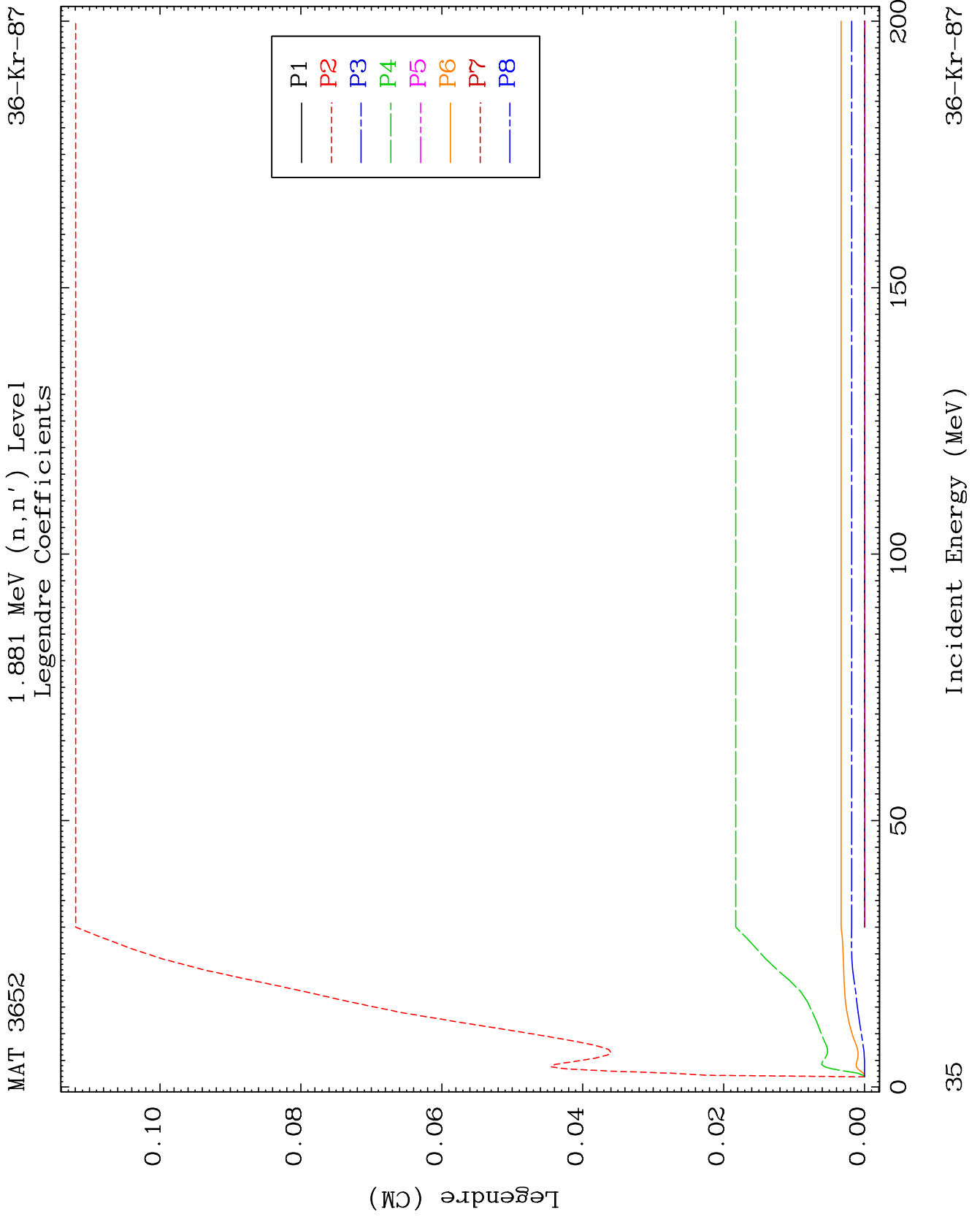


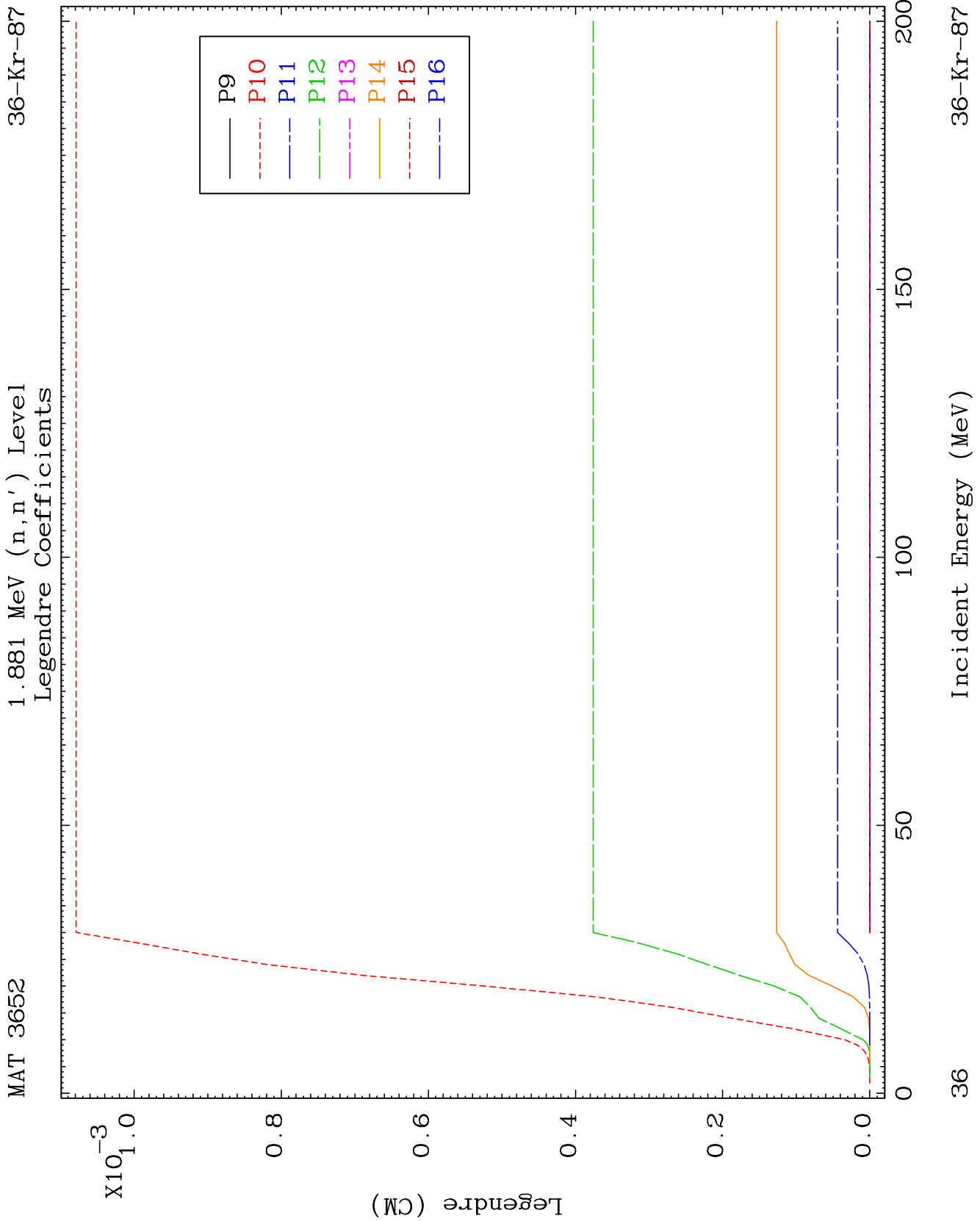


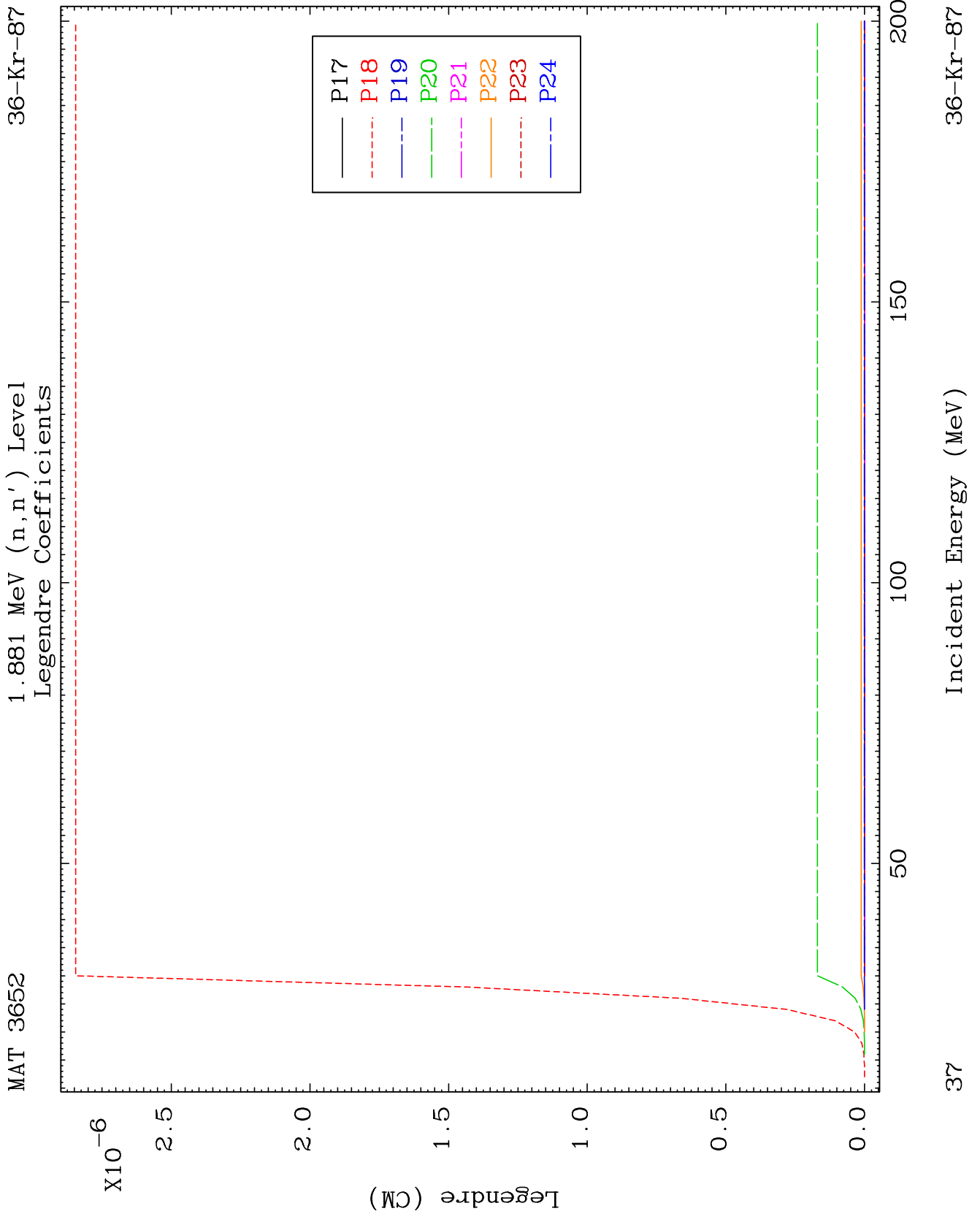


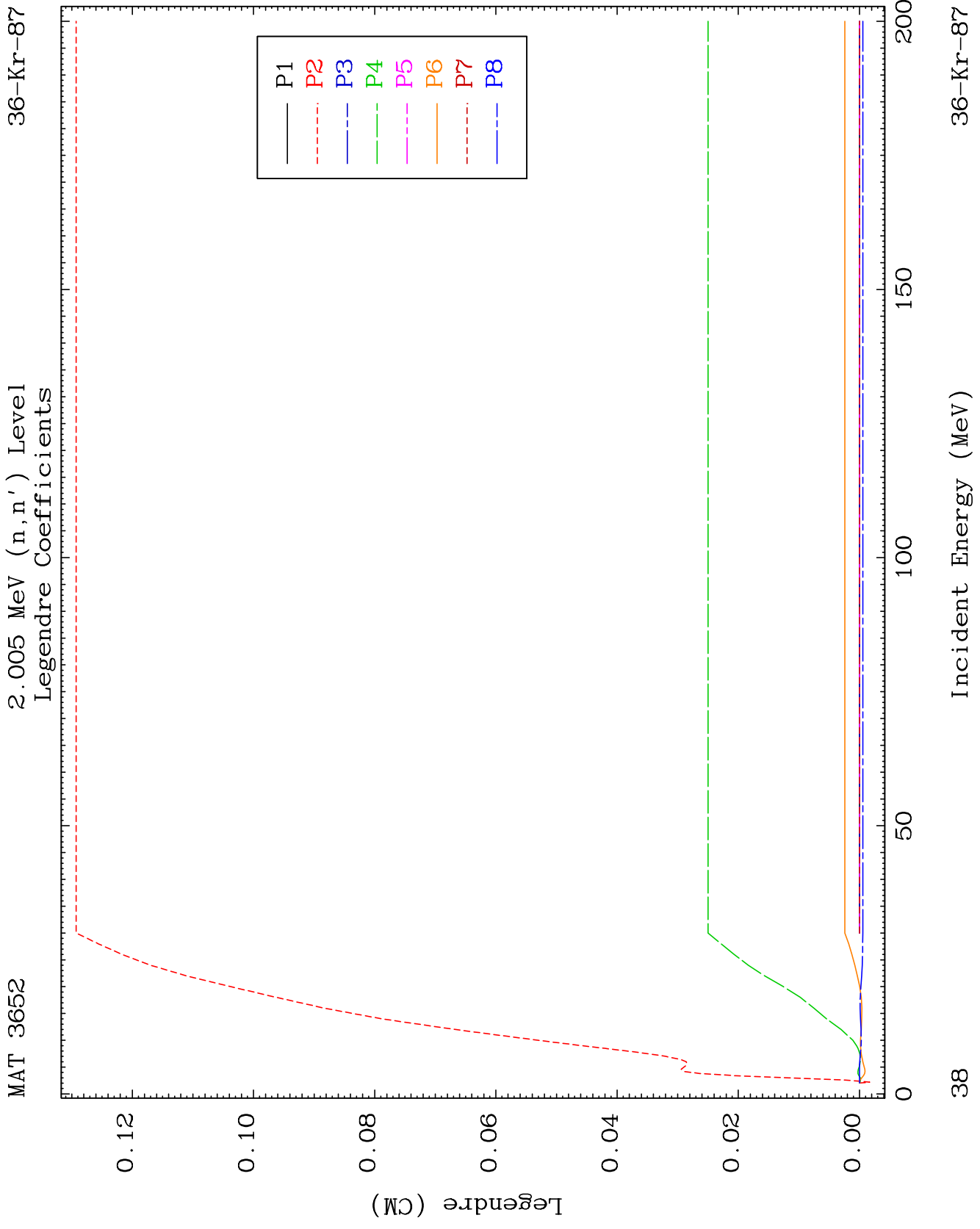






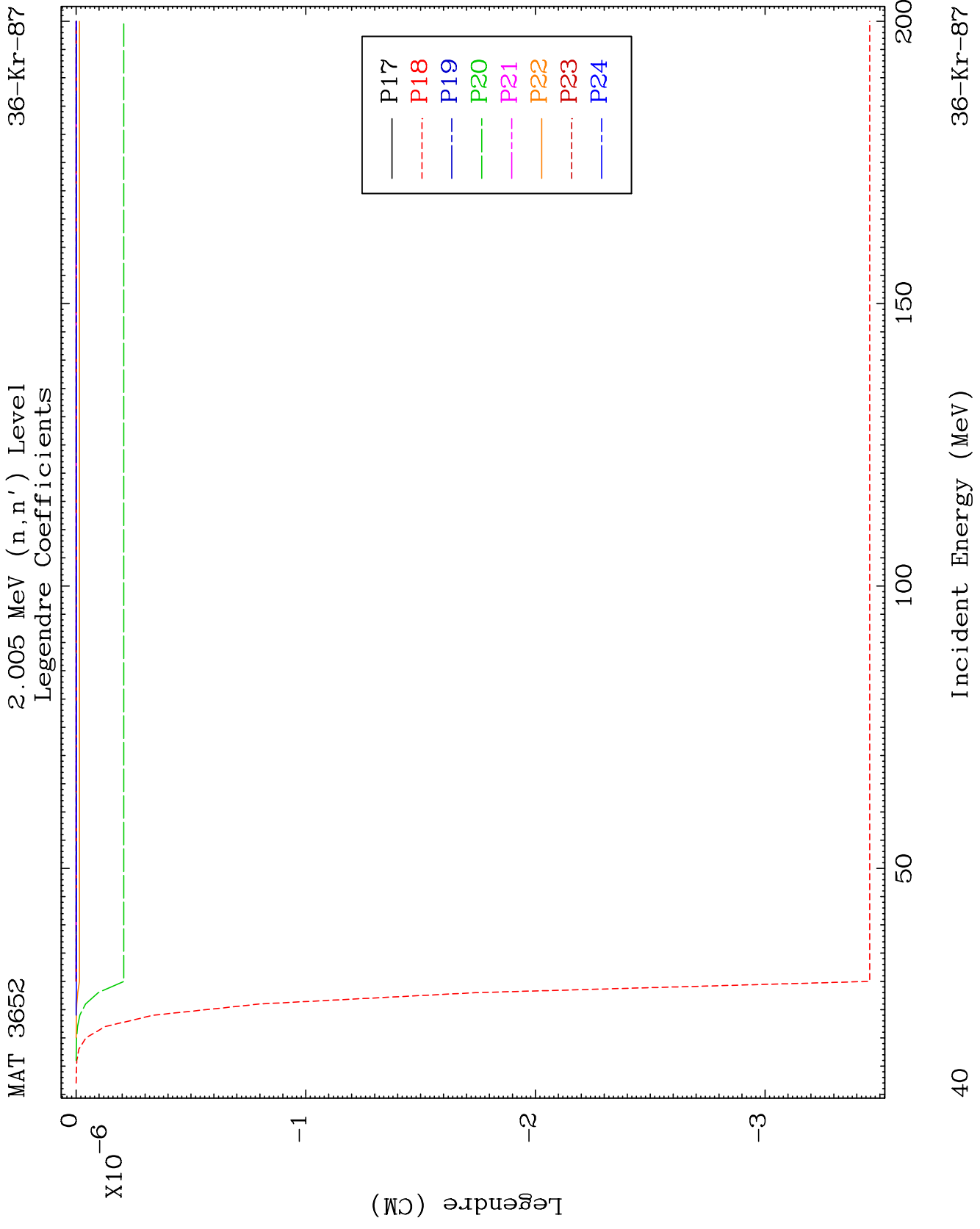


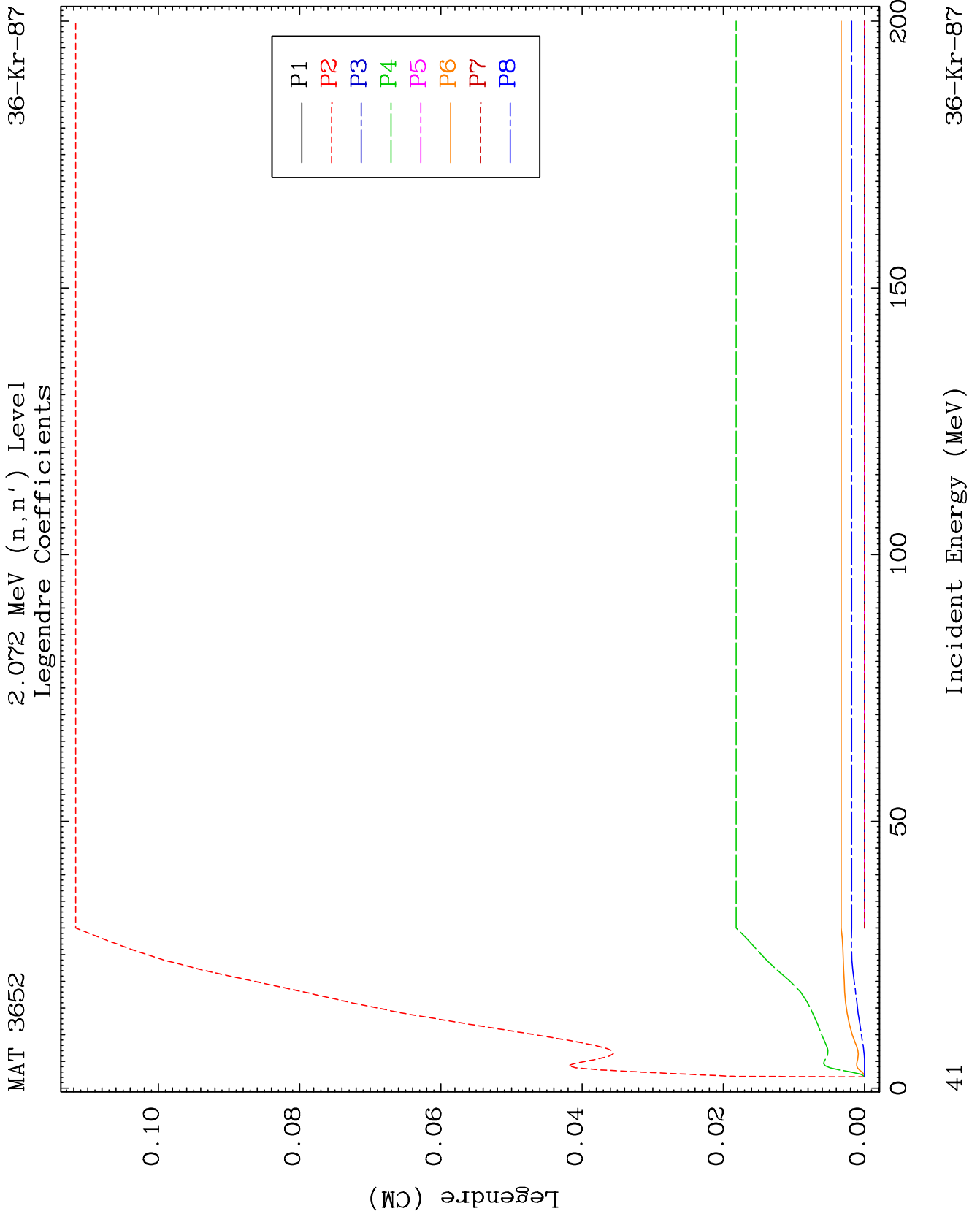


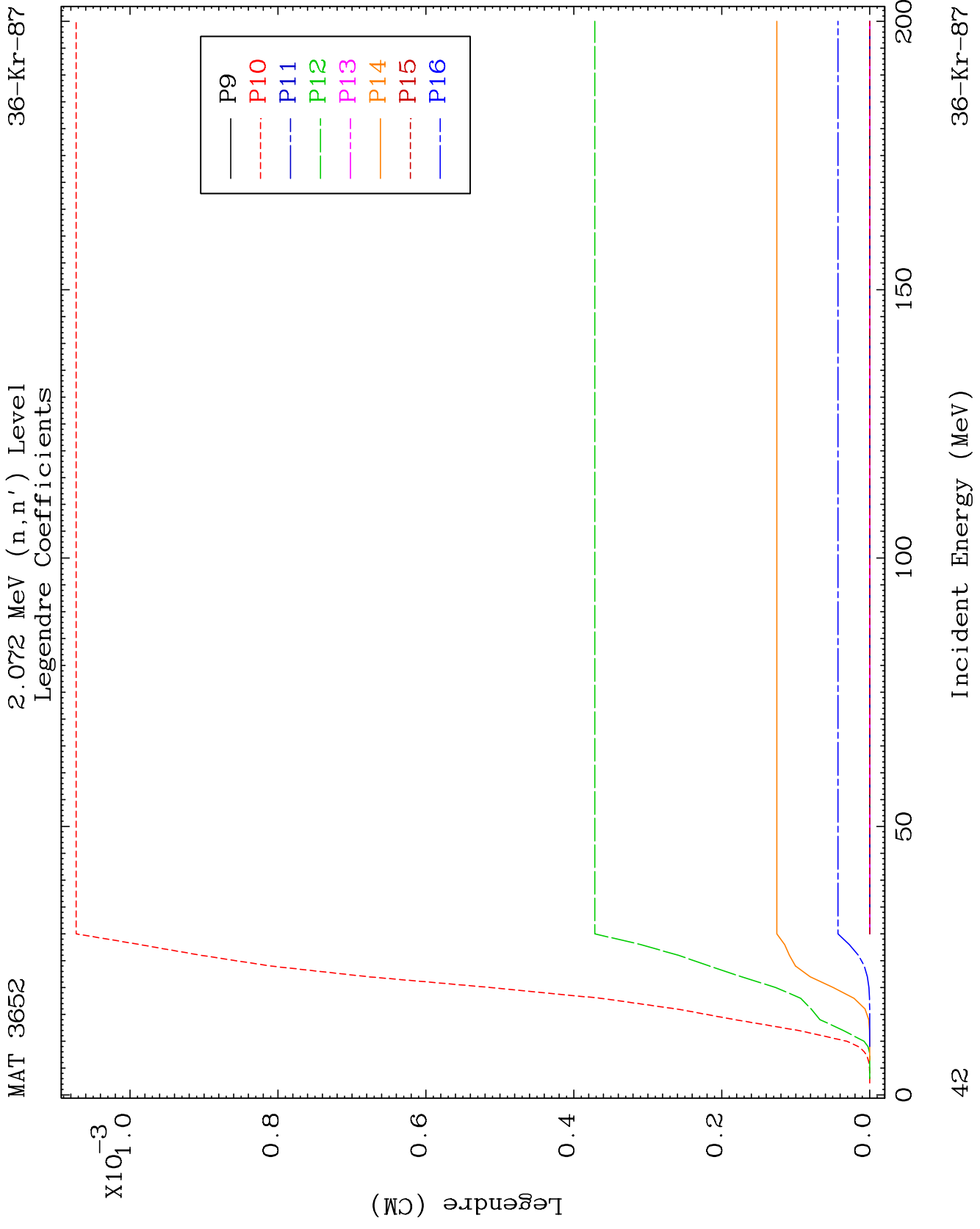


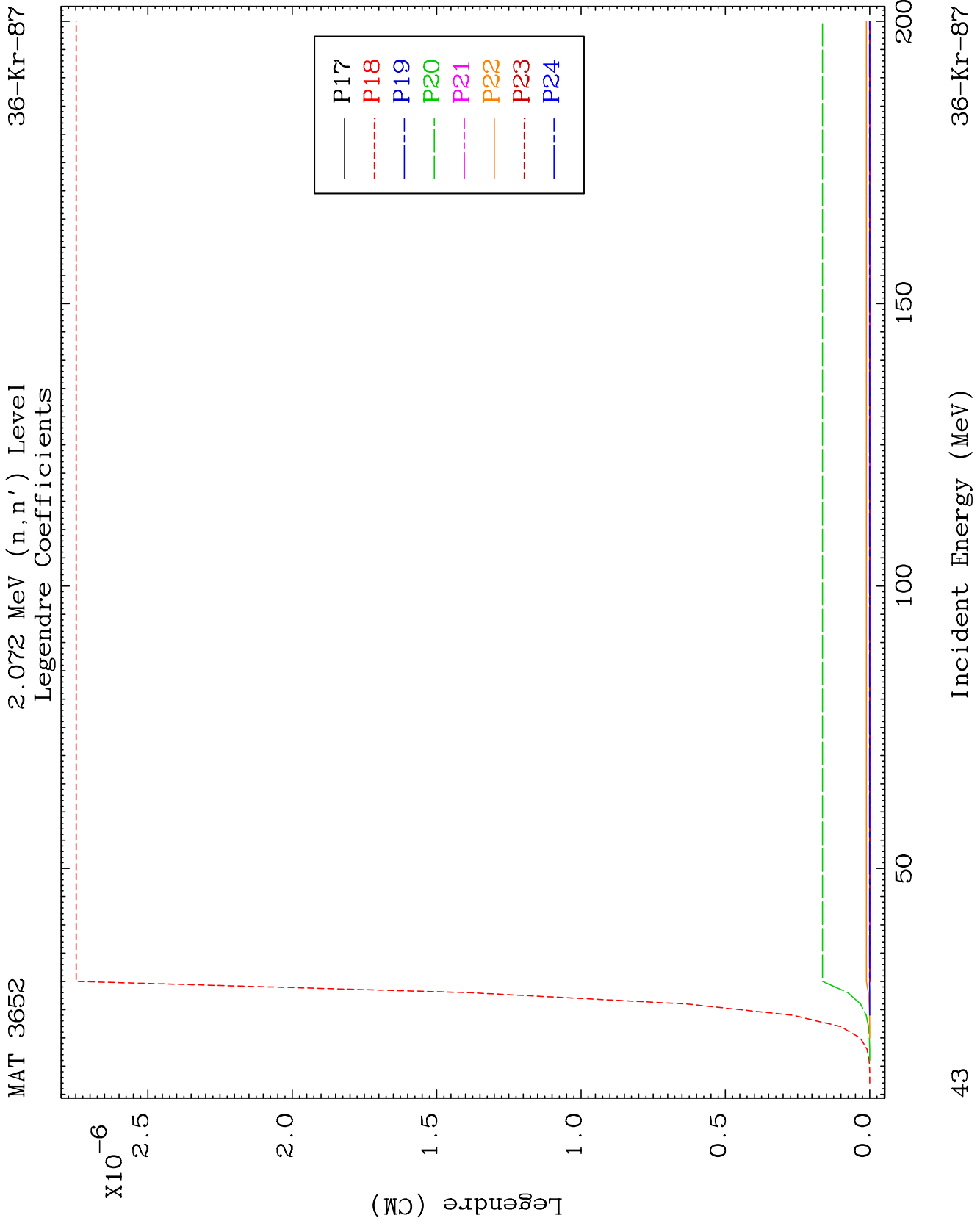


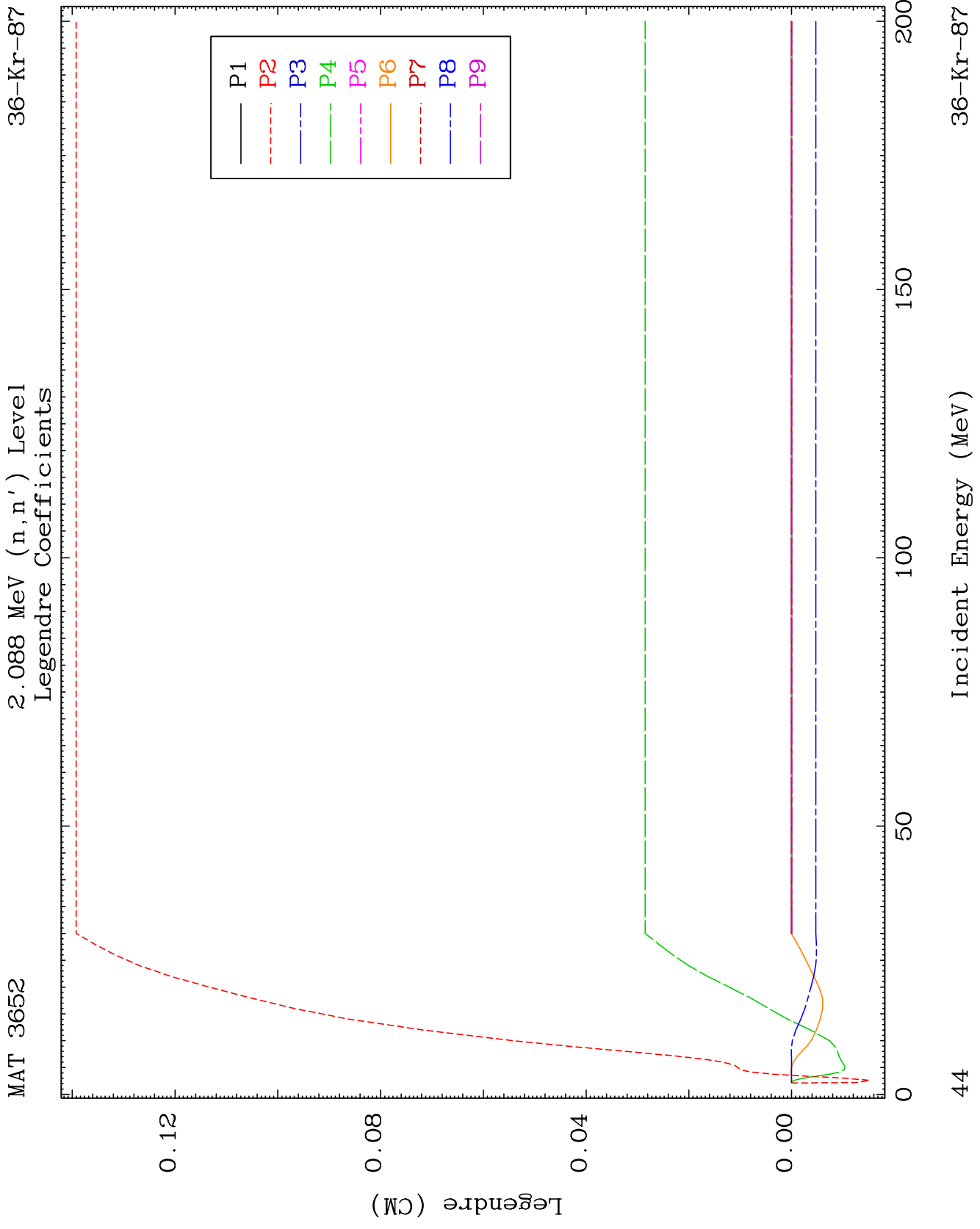


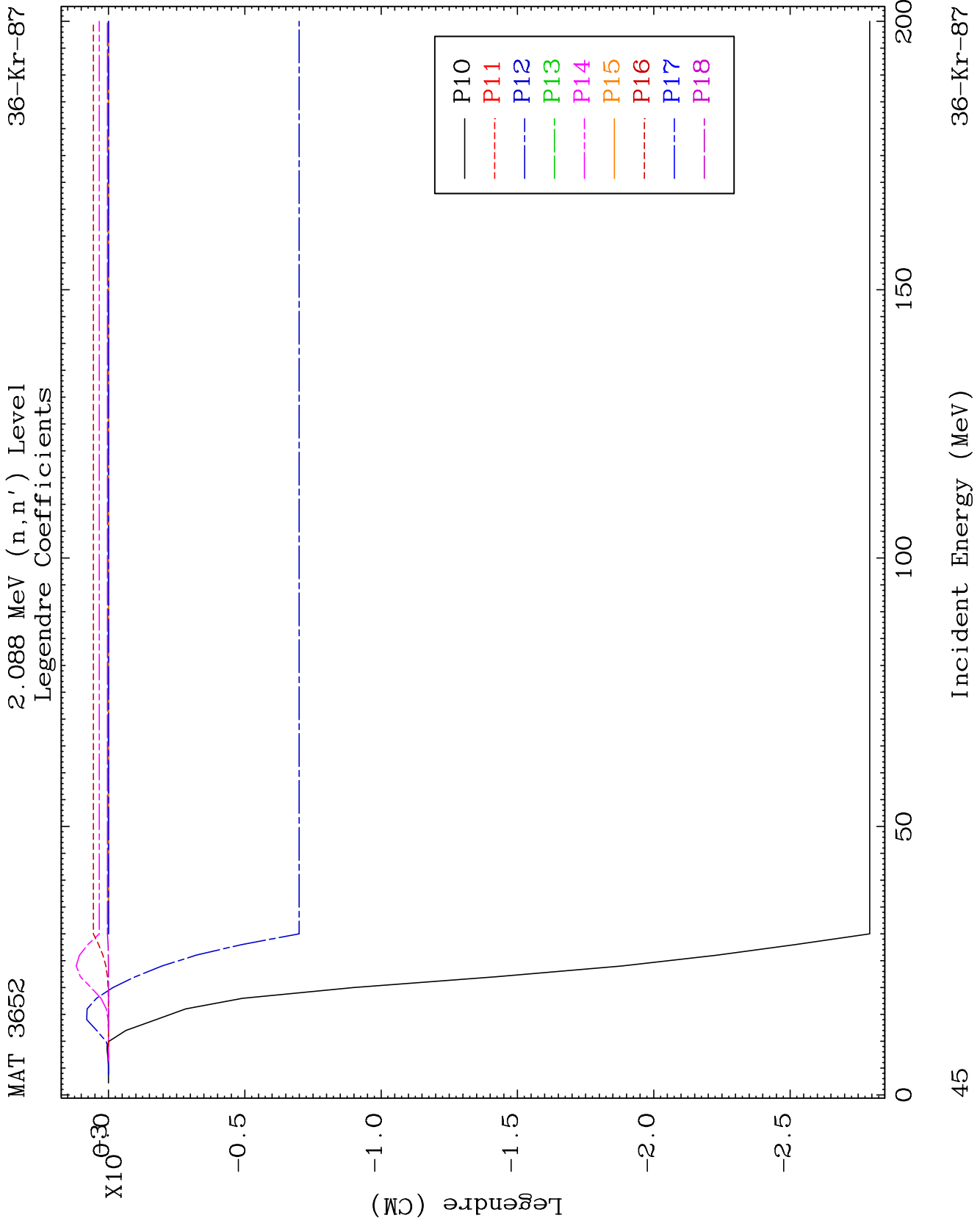


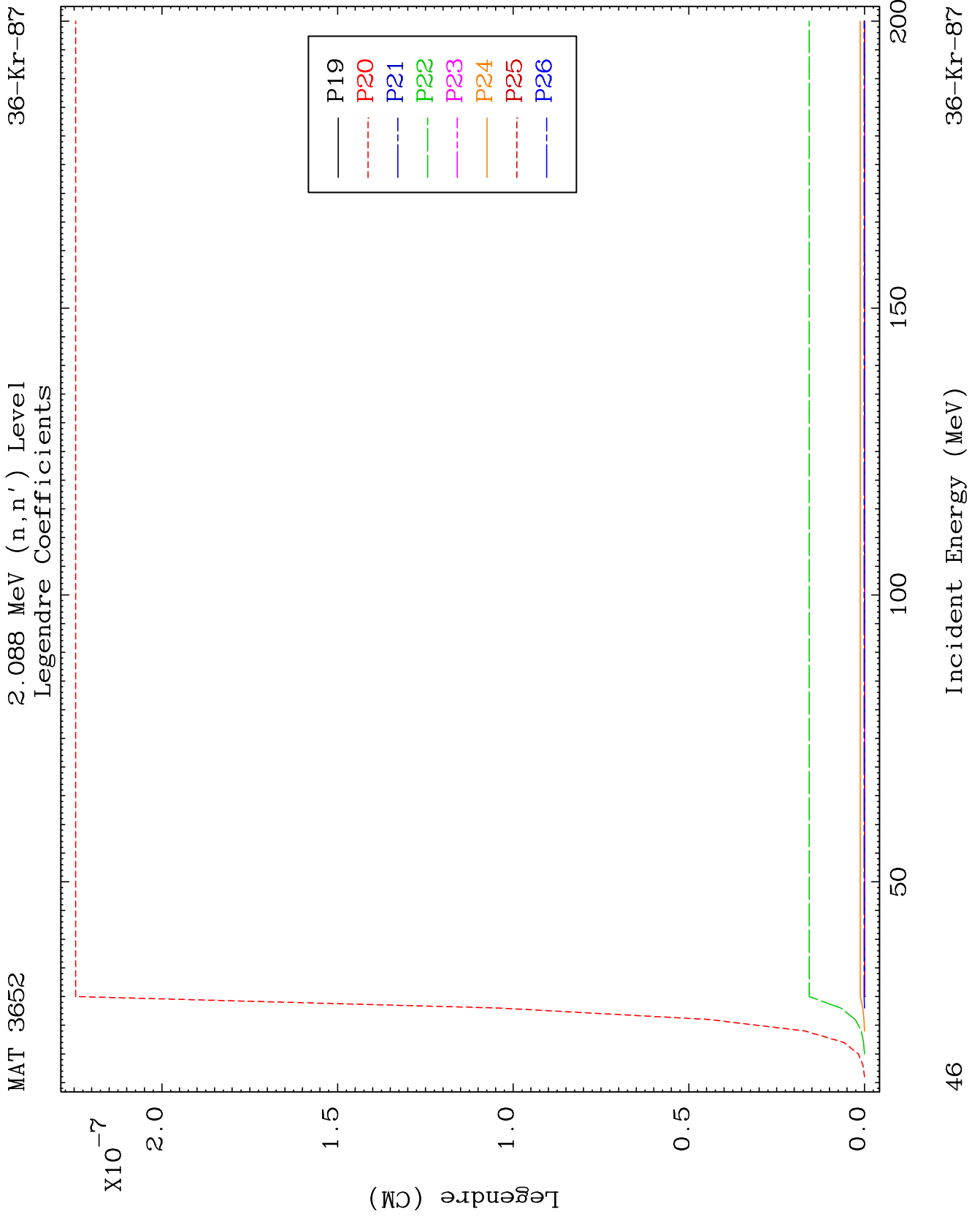


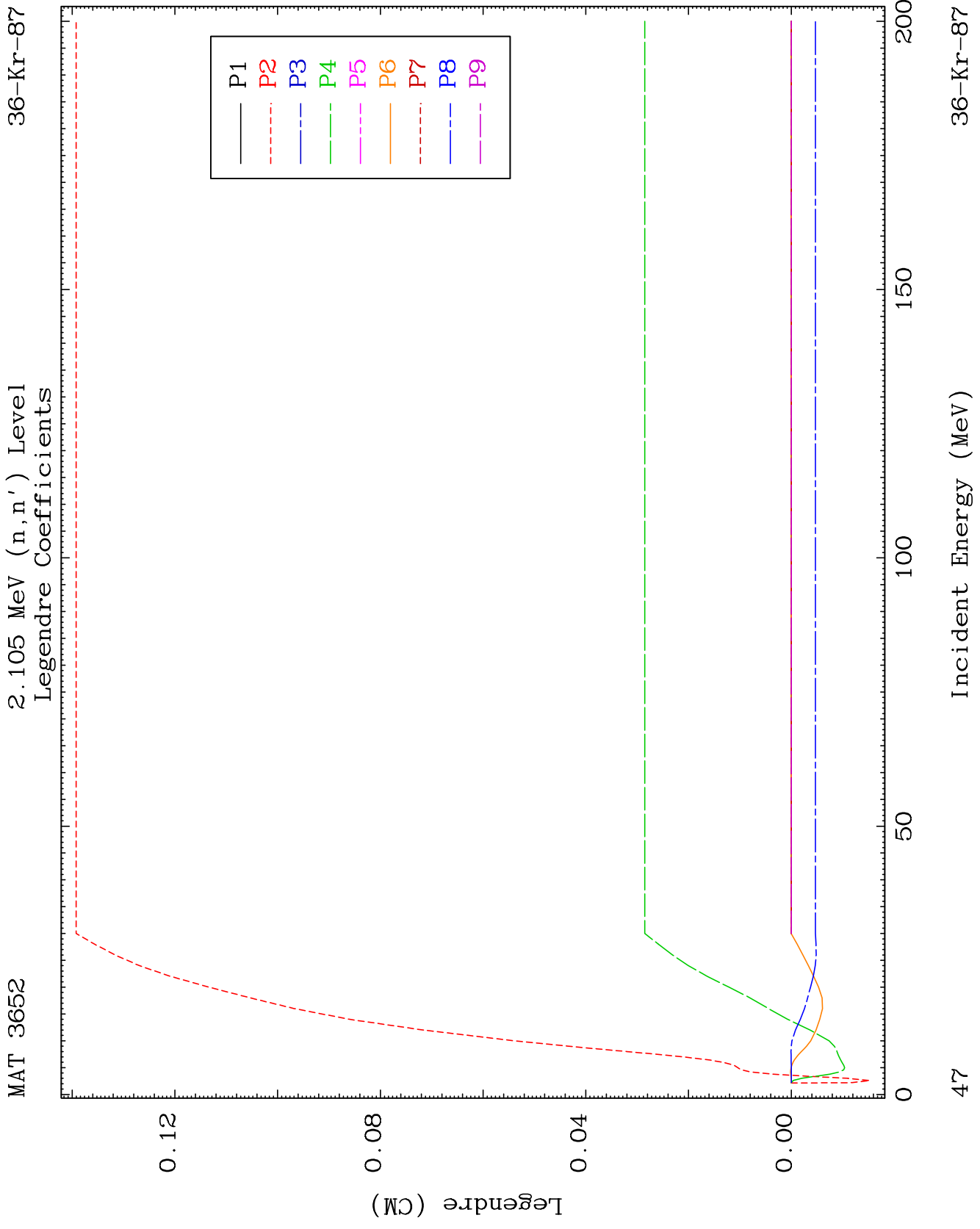










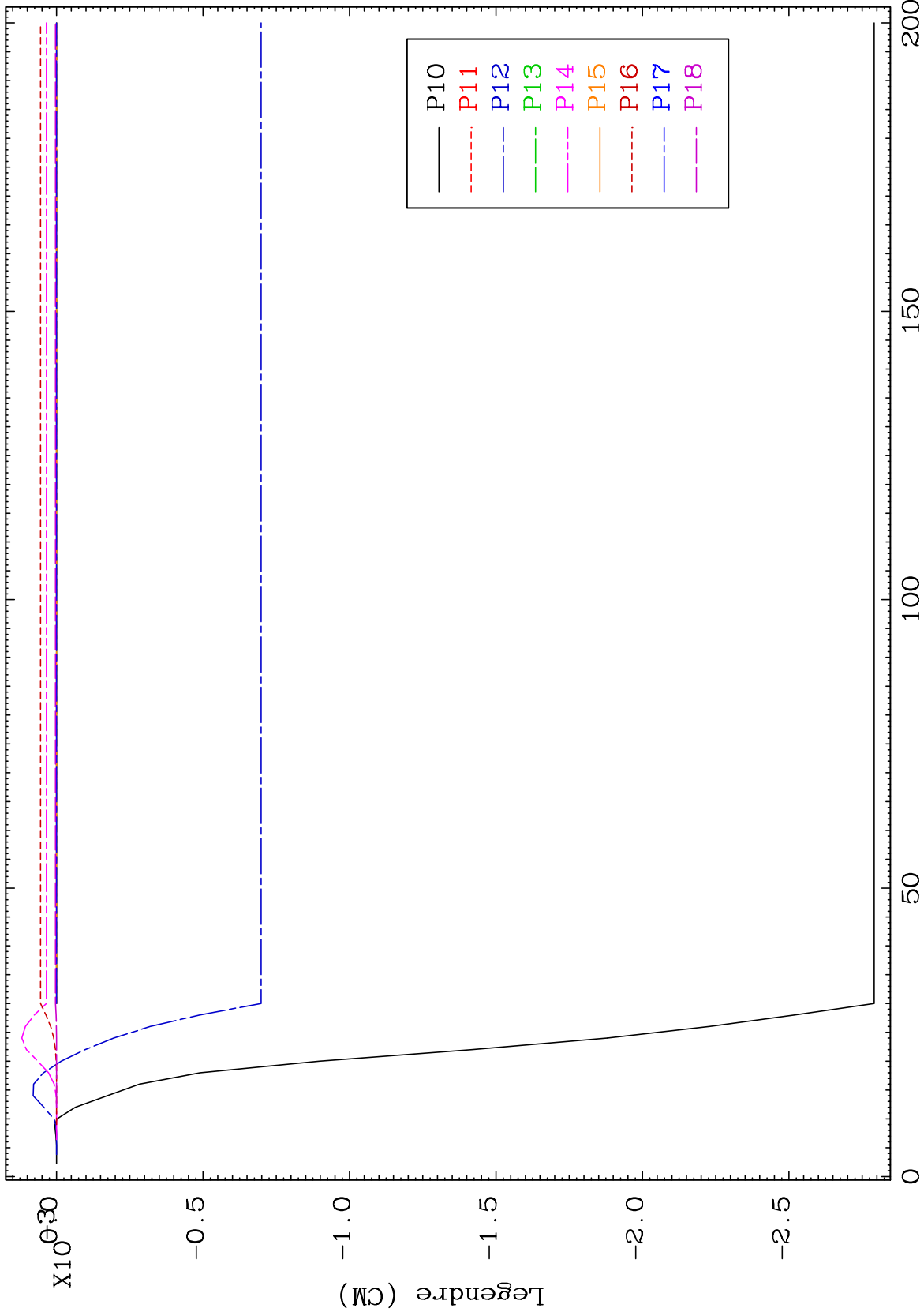




MAT 3652

2.105 MeV (n, n') Level  
Legendre Coefficients

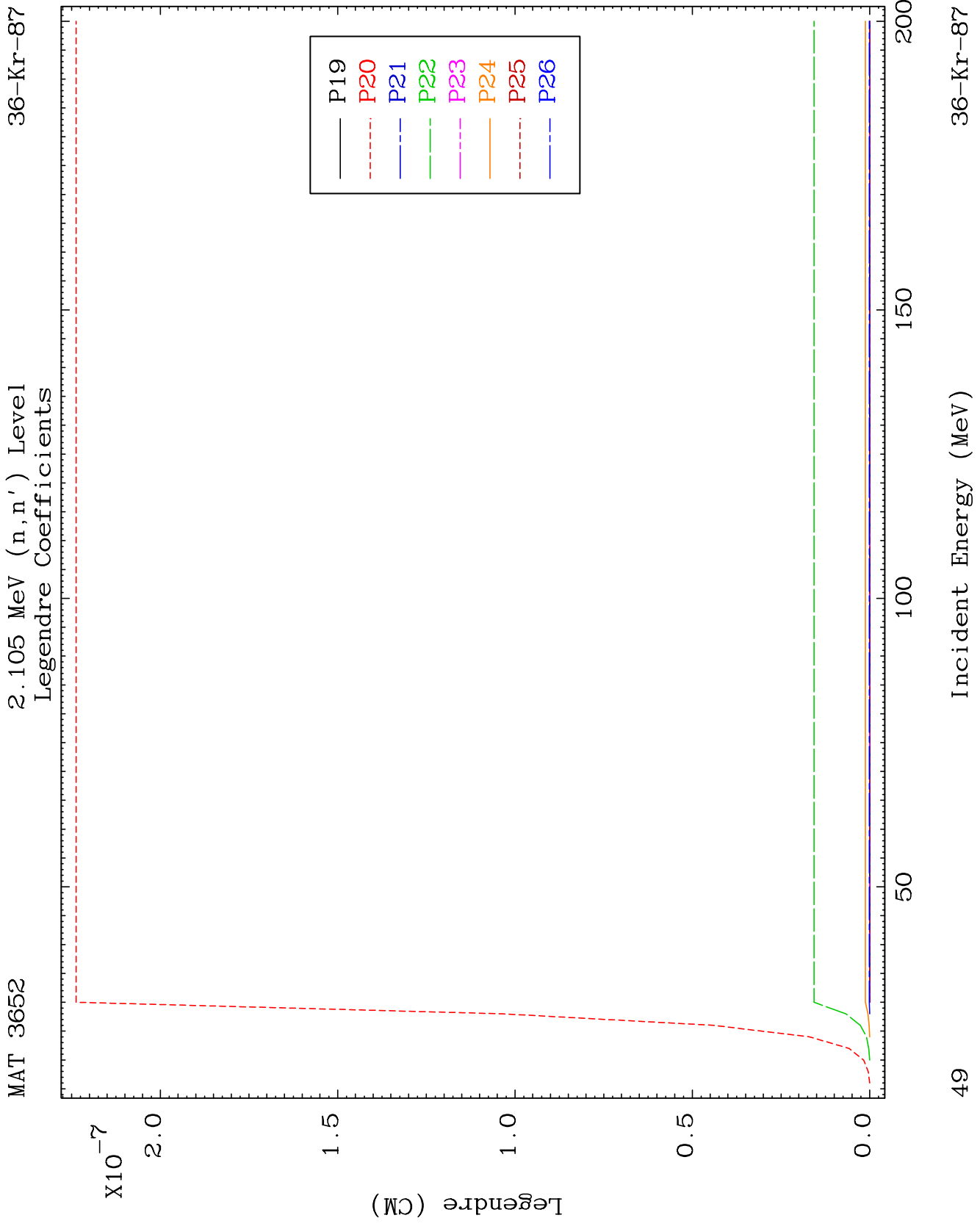
36-Kr-87

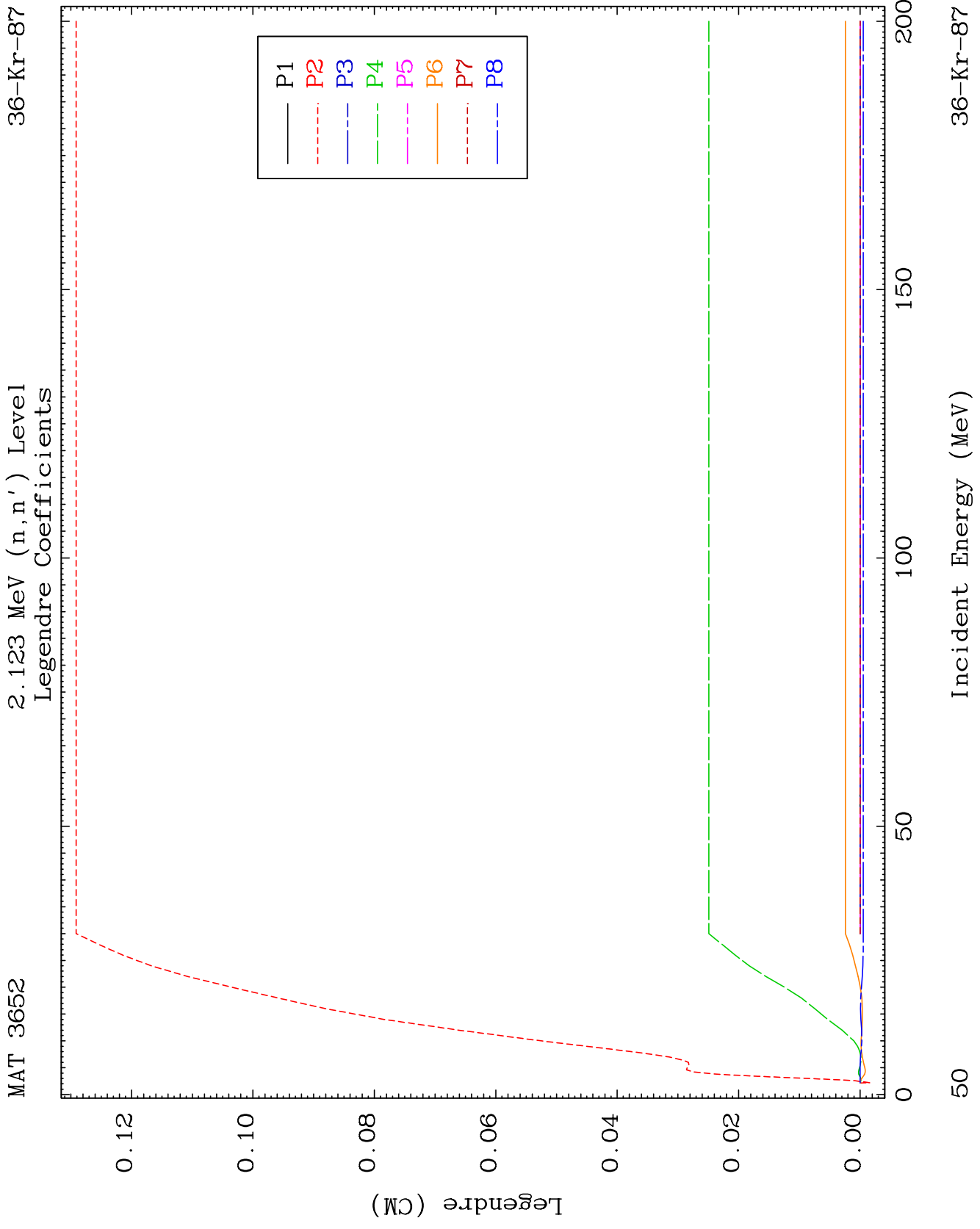


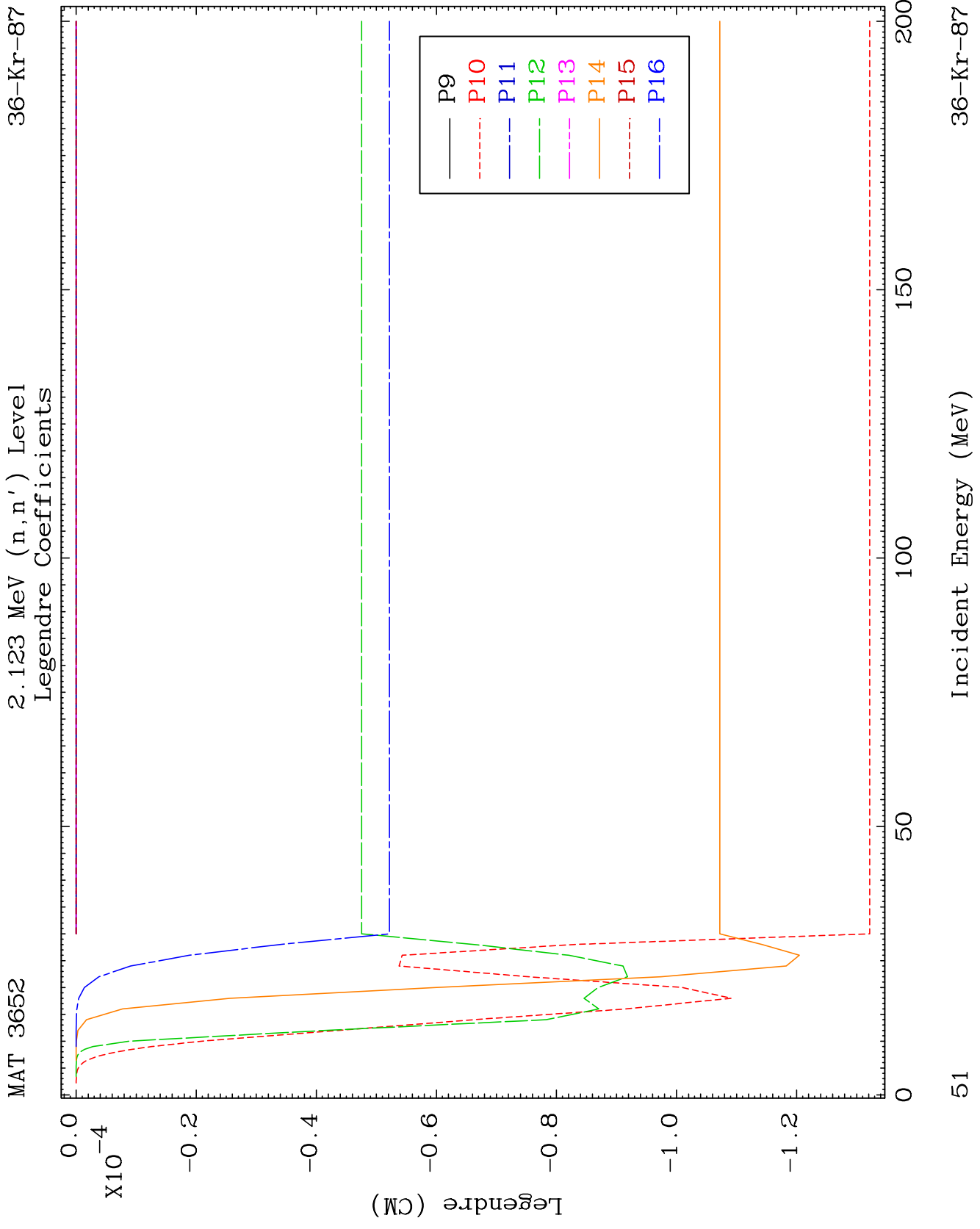
48

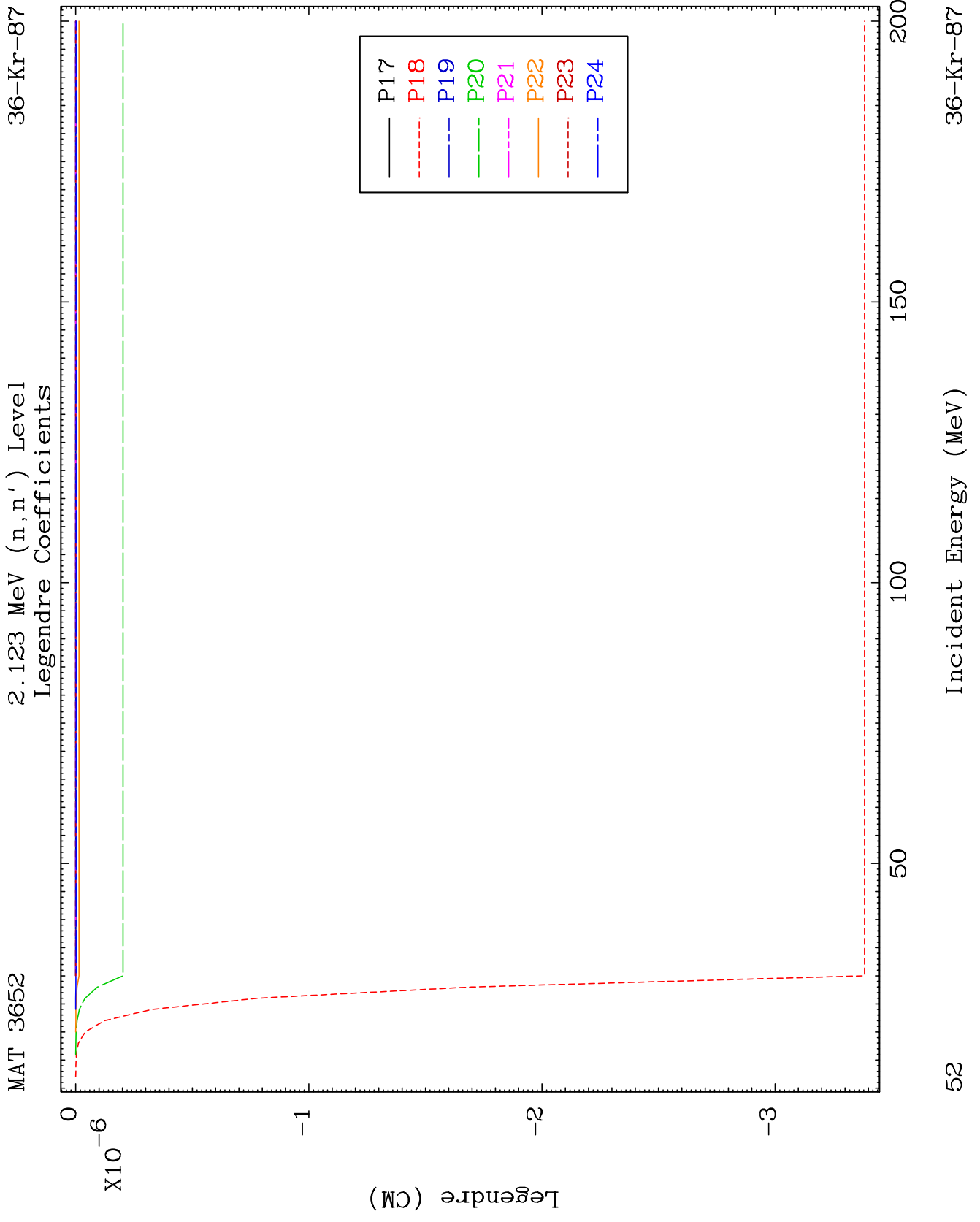
Incident Energy (MeV)

36-Kr-87





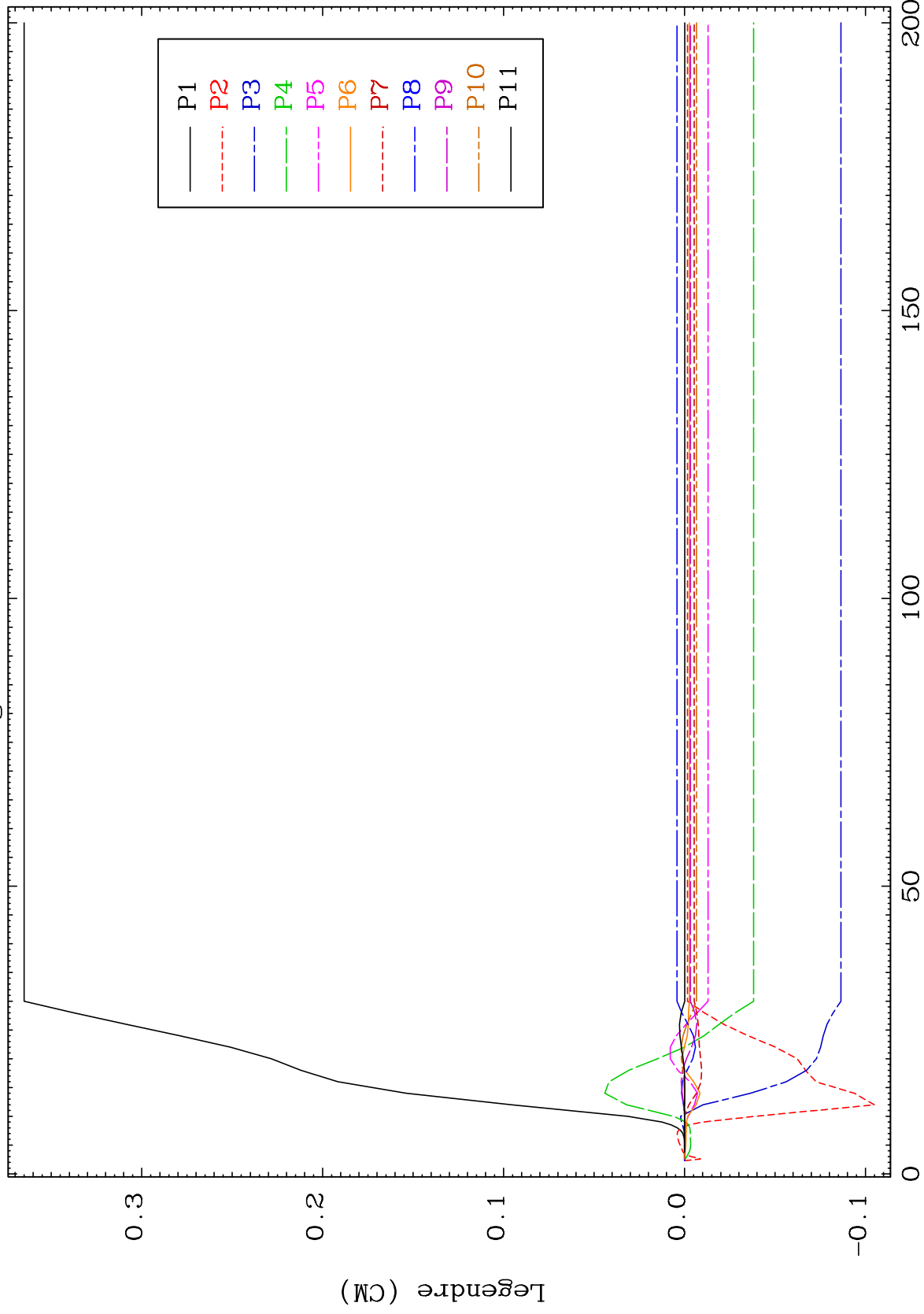




MAT 3652

2.258 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87



53

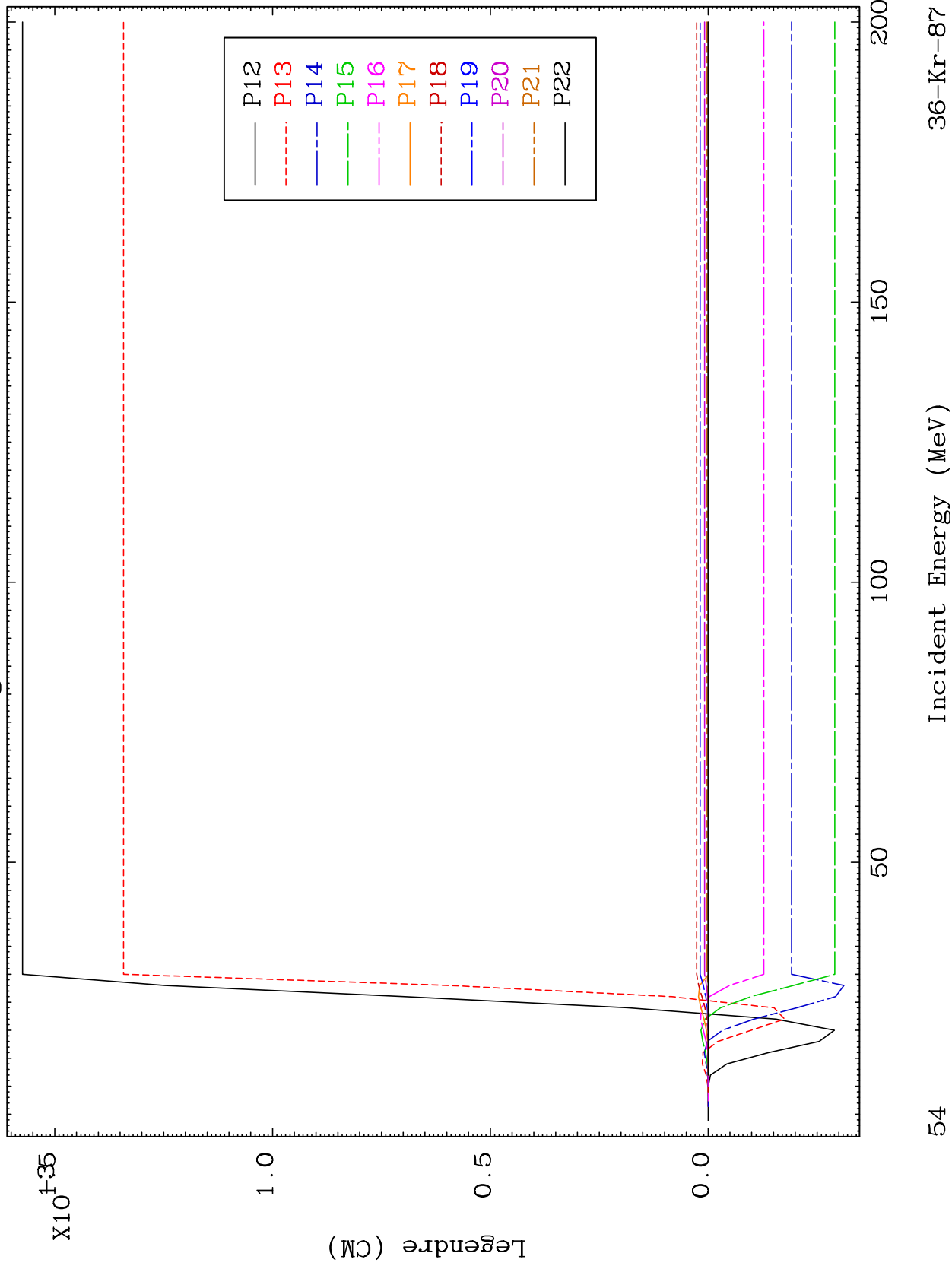
Incident Energy (MeV)

36-Kr-87

MAT 3652

2.258 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87



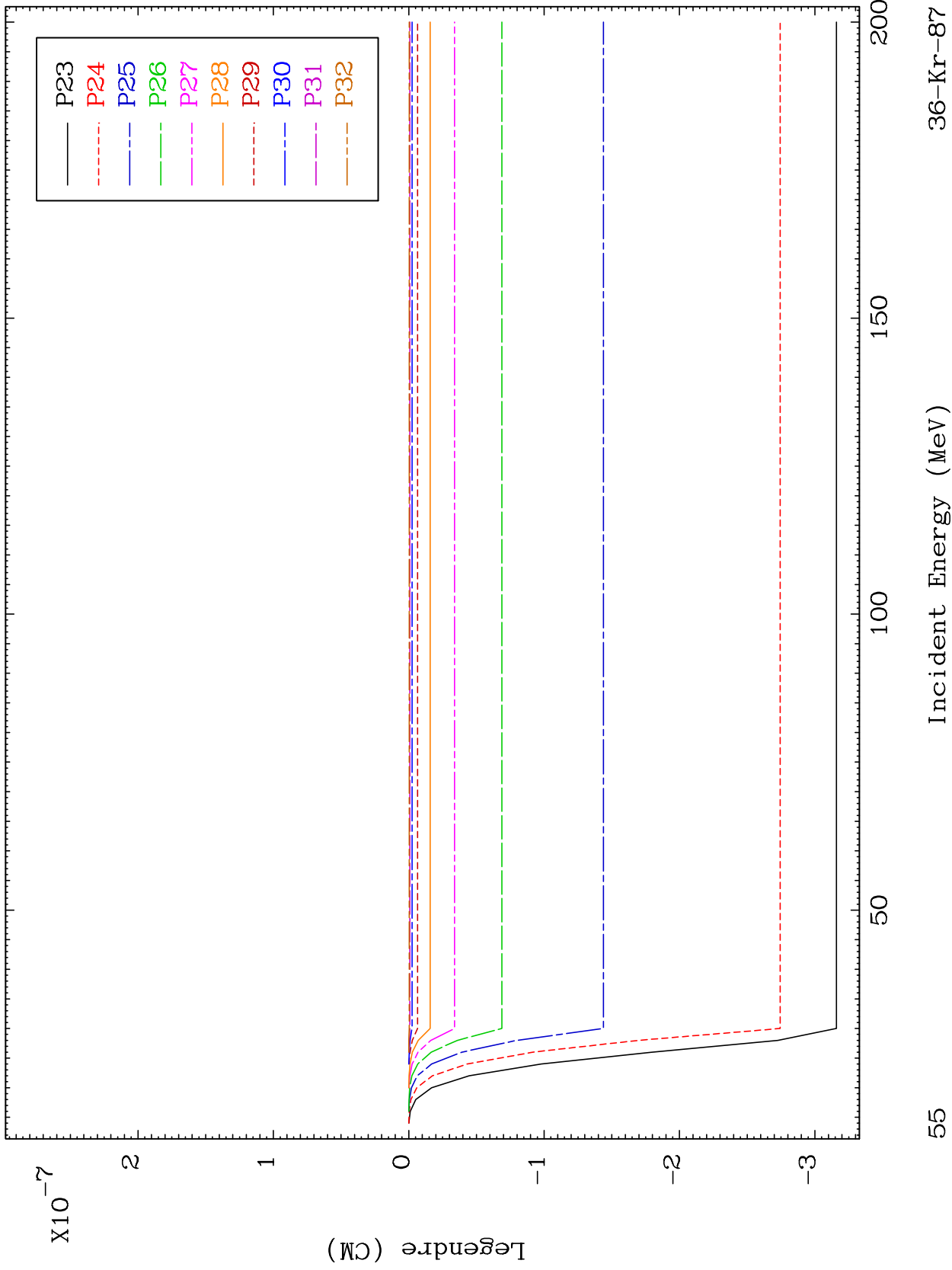
54

36-Kr-87

MAT 3652

2.258 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87



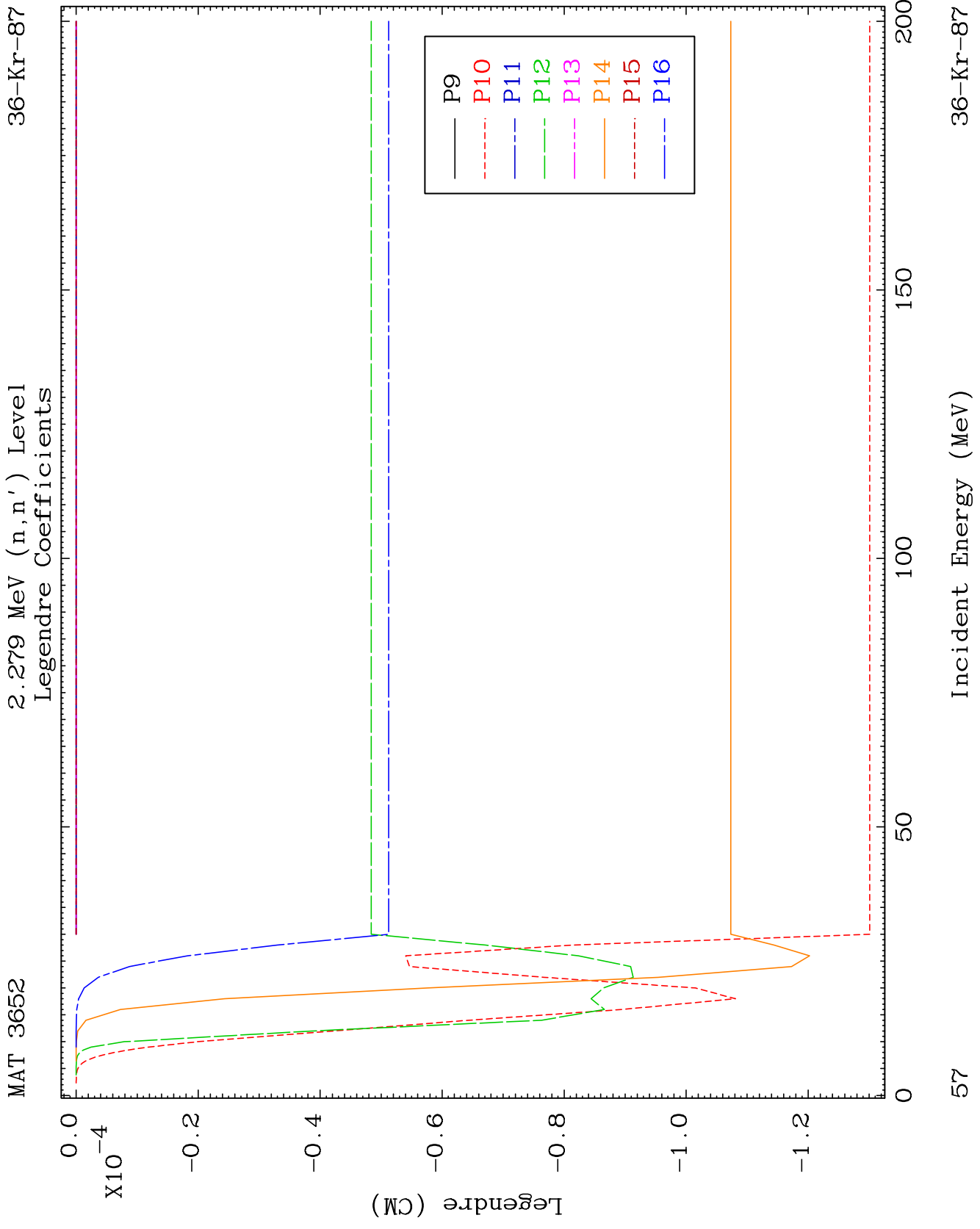
55

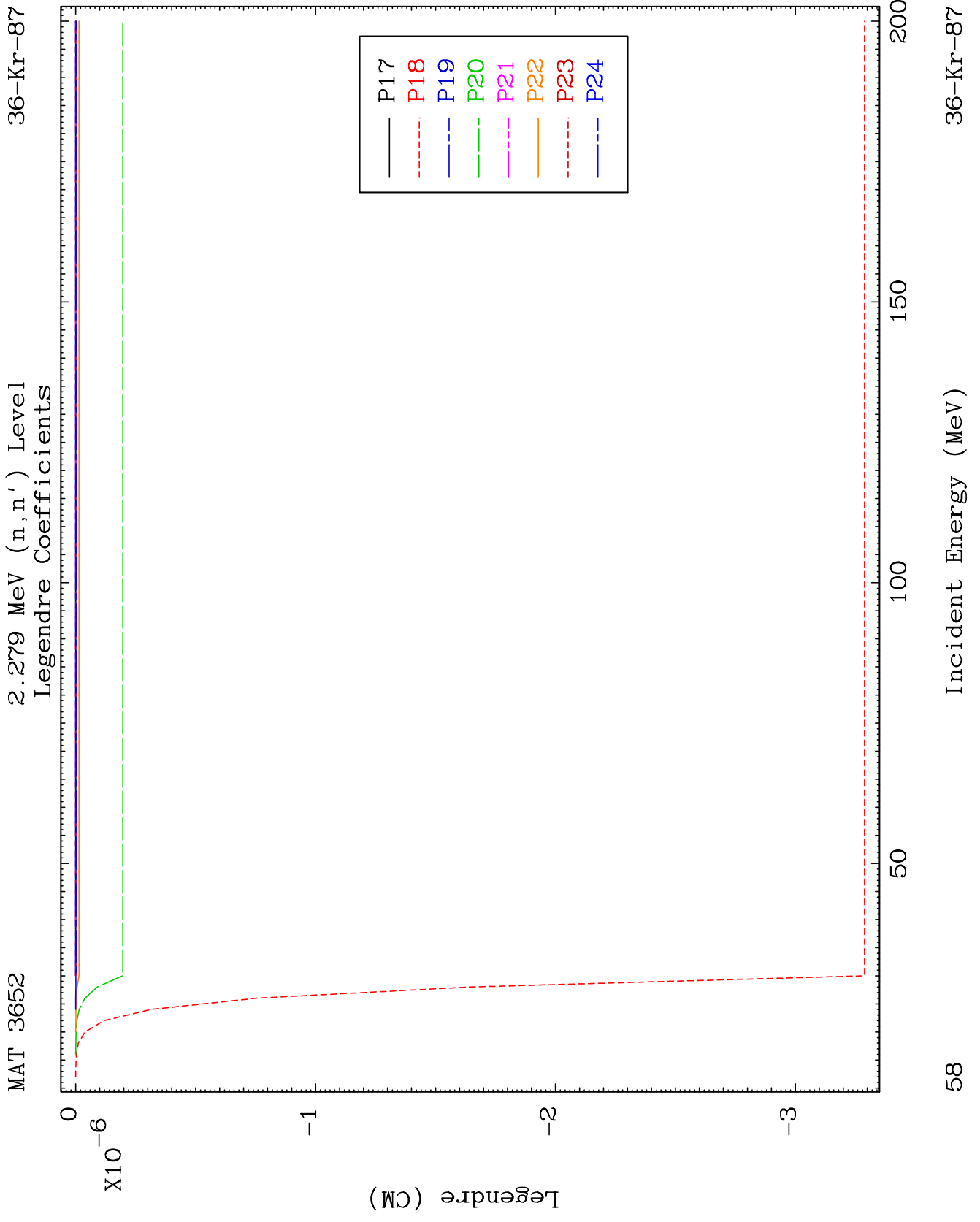
Incident Energy (MeV)

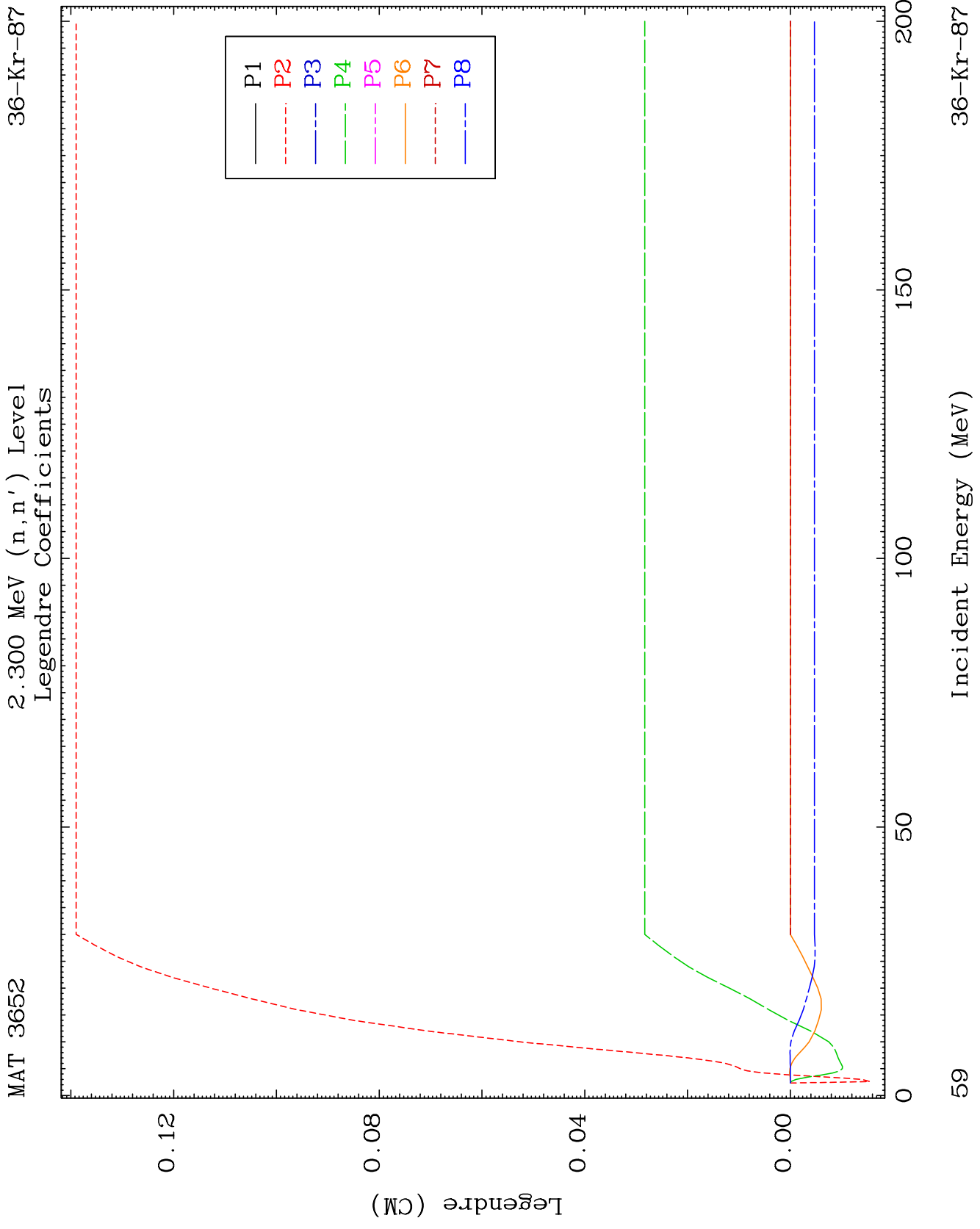
36-Kr-87

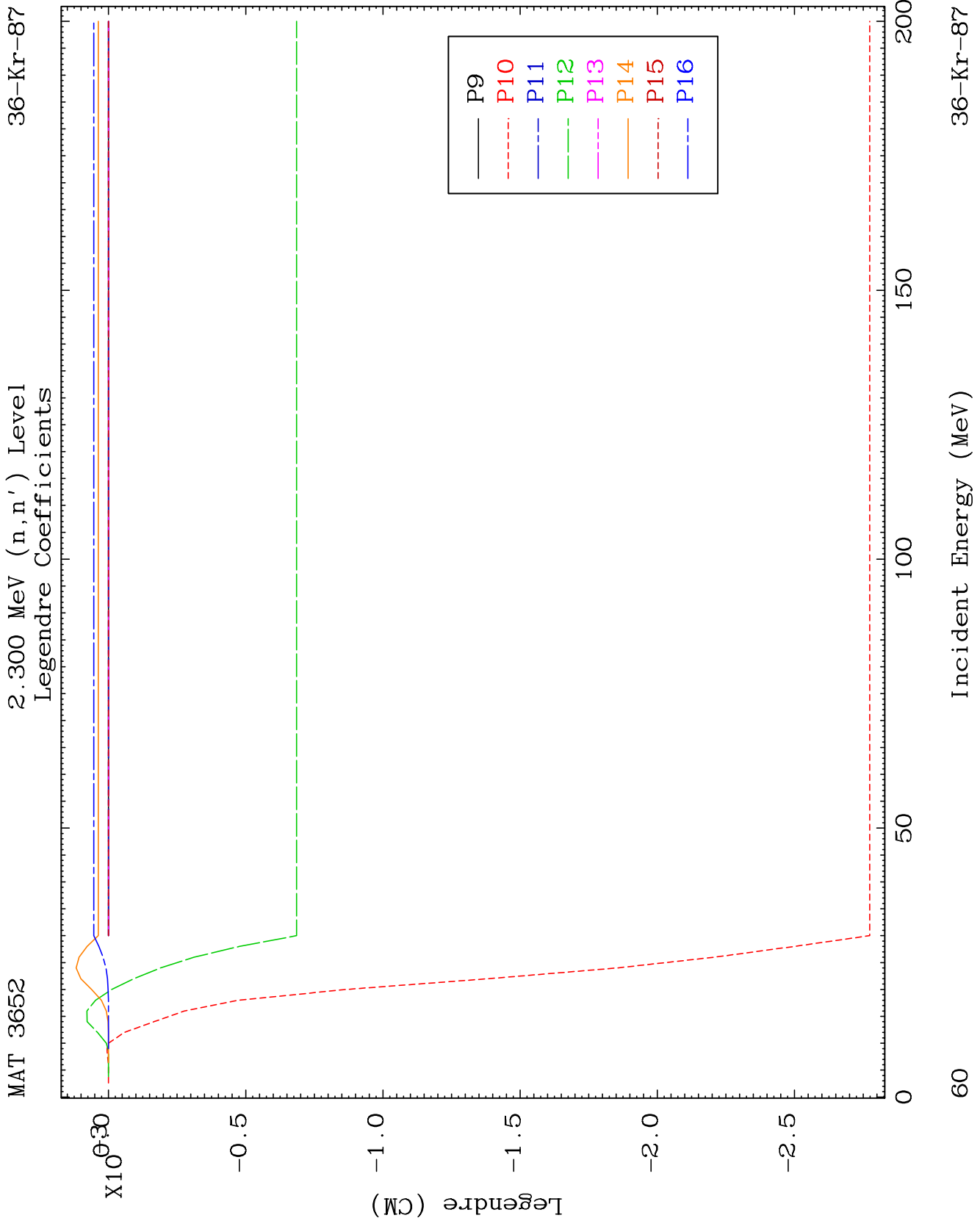




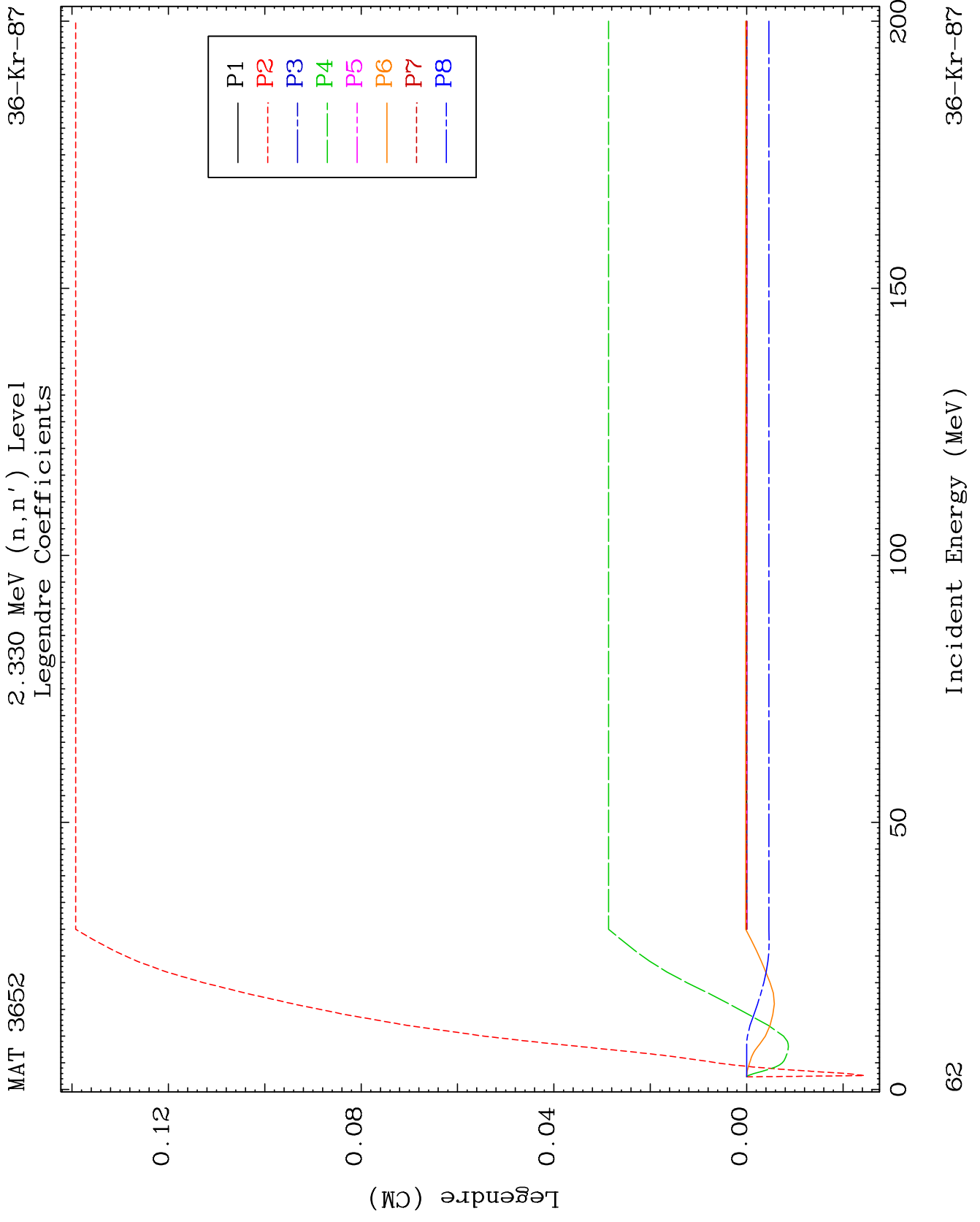


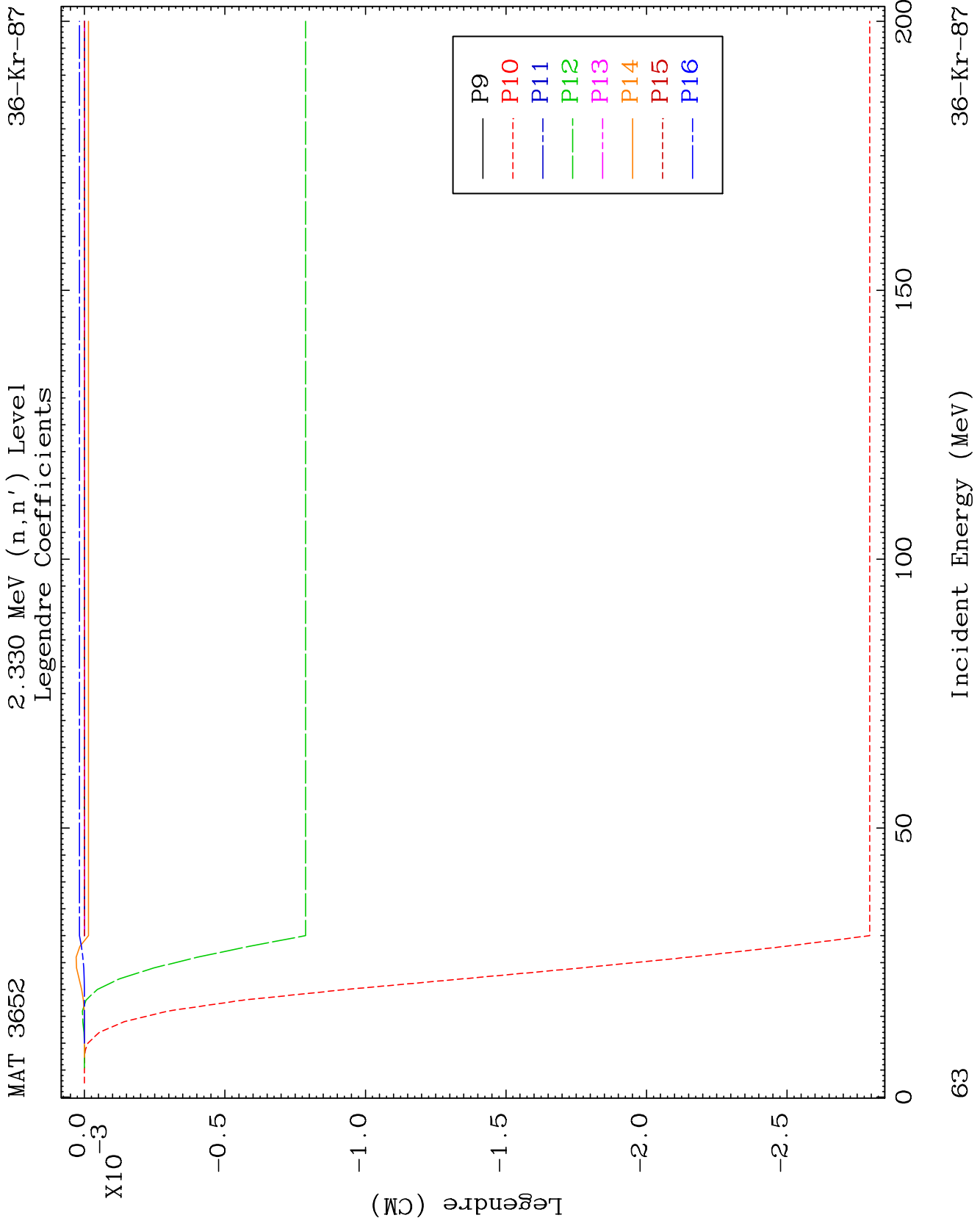






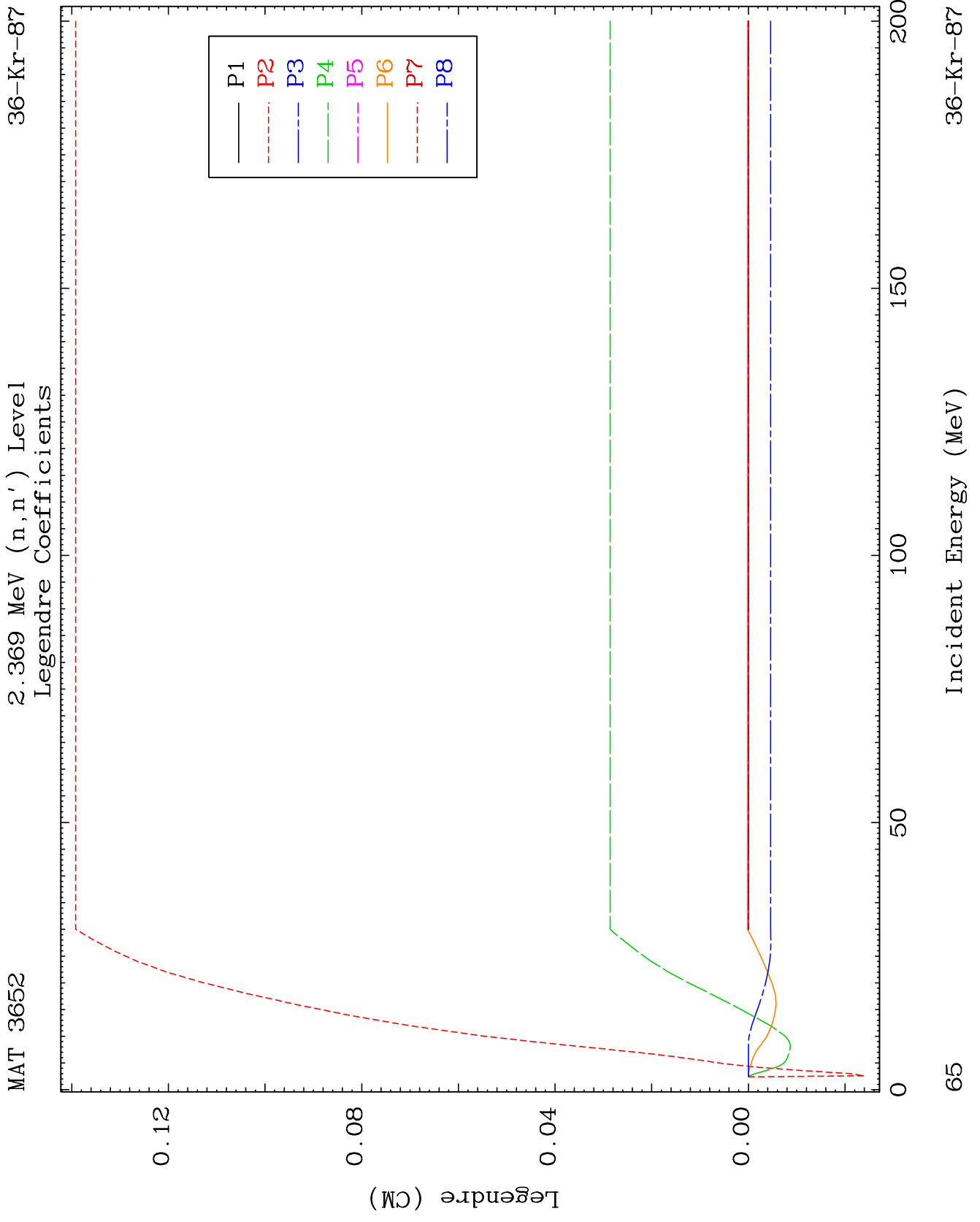


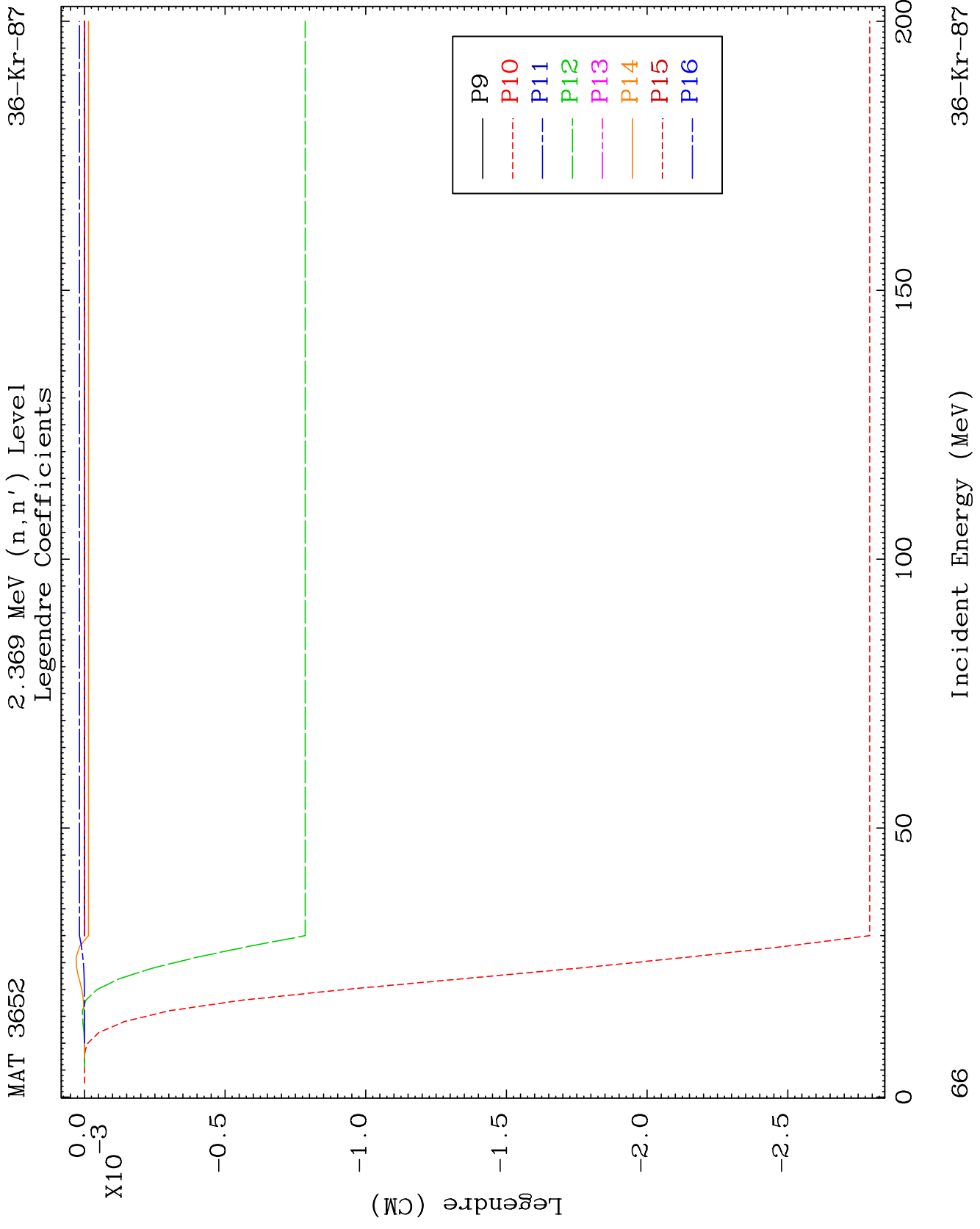




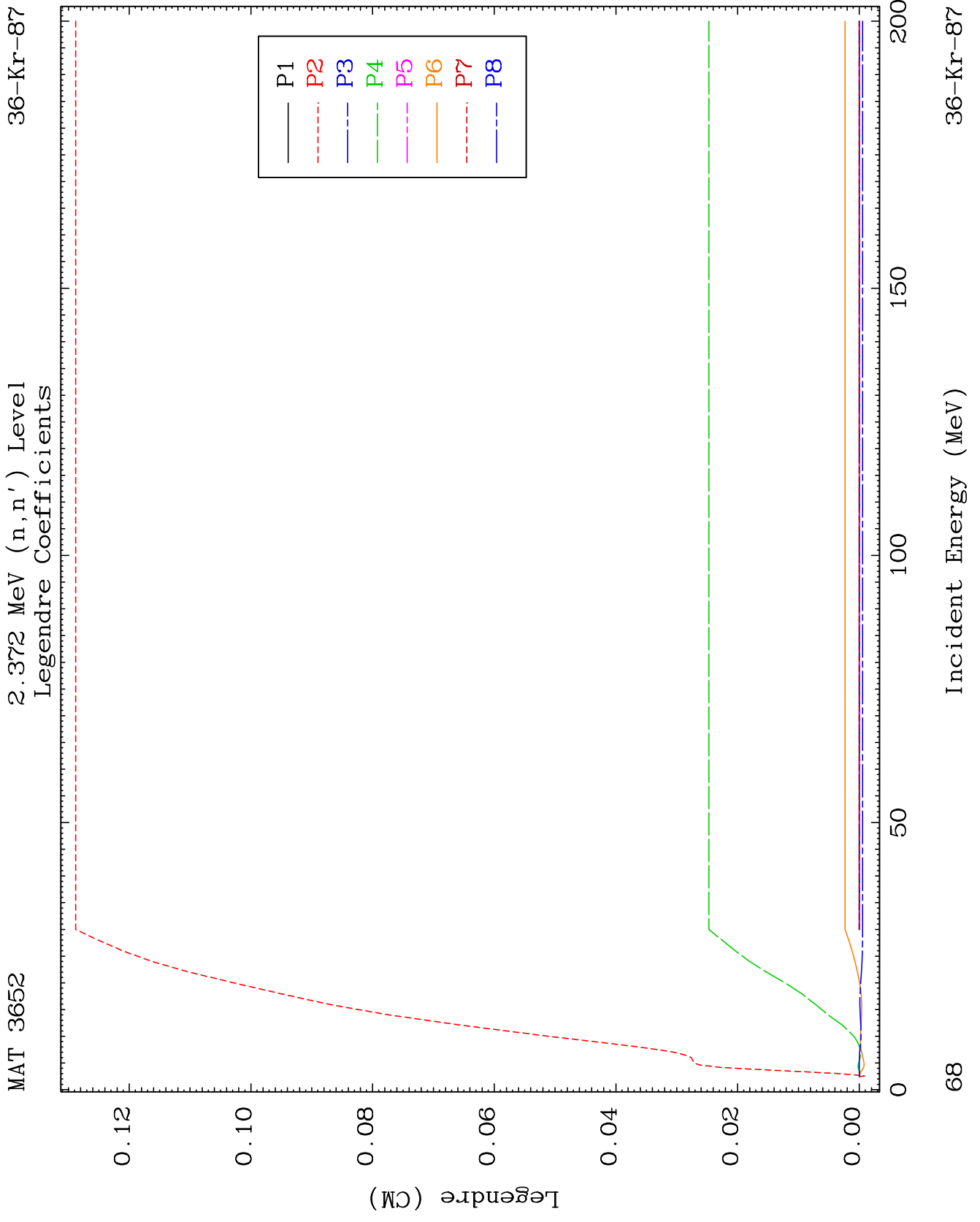


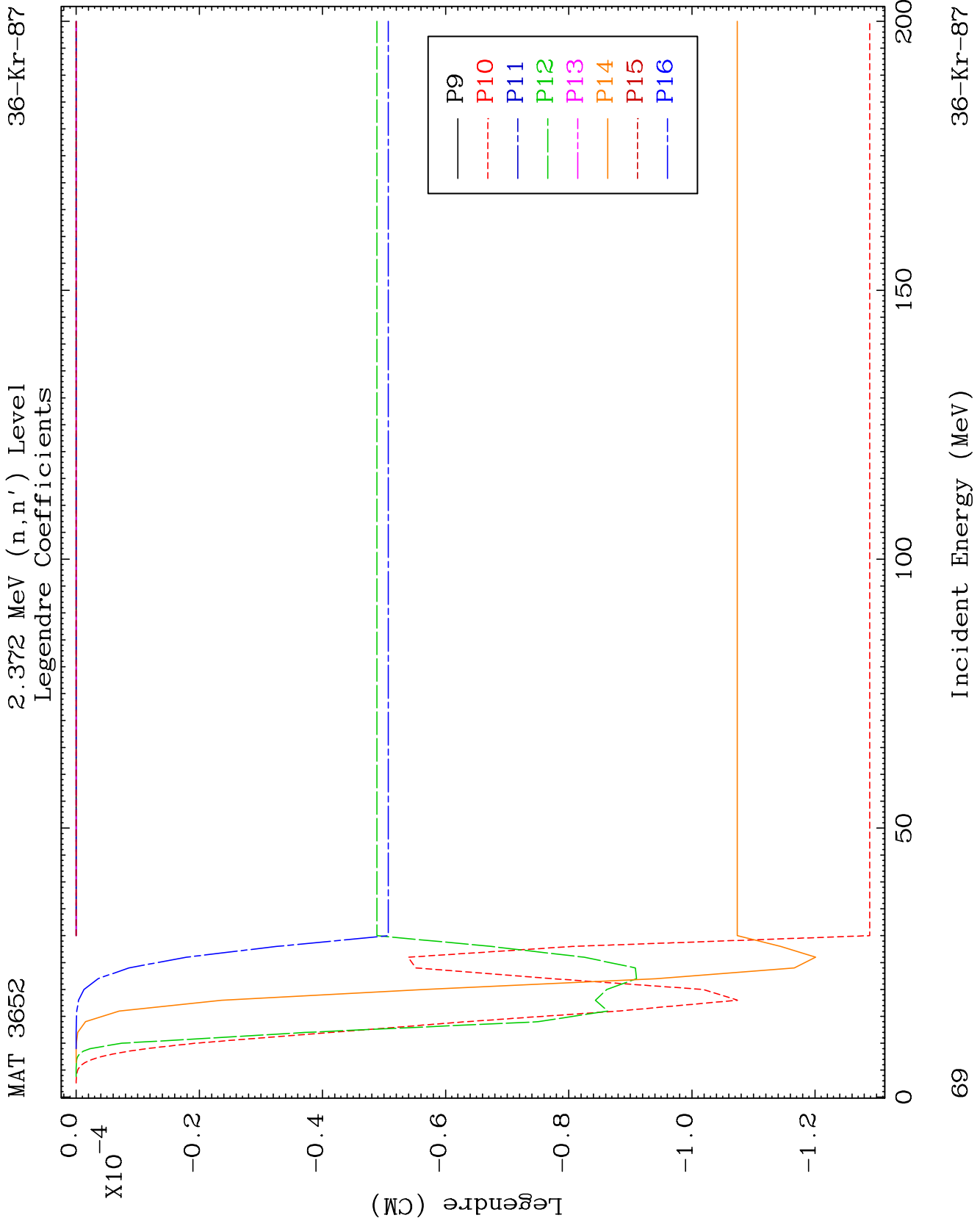


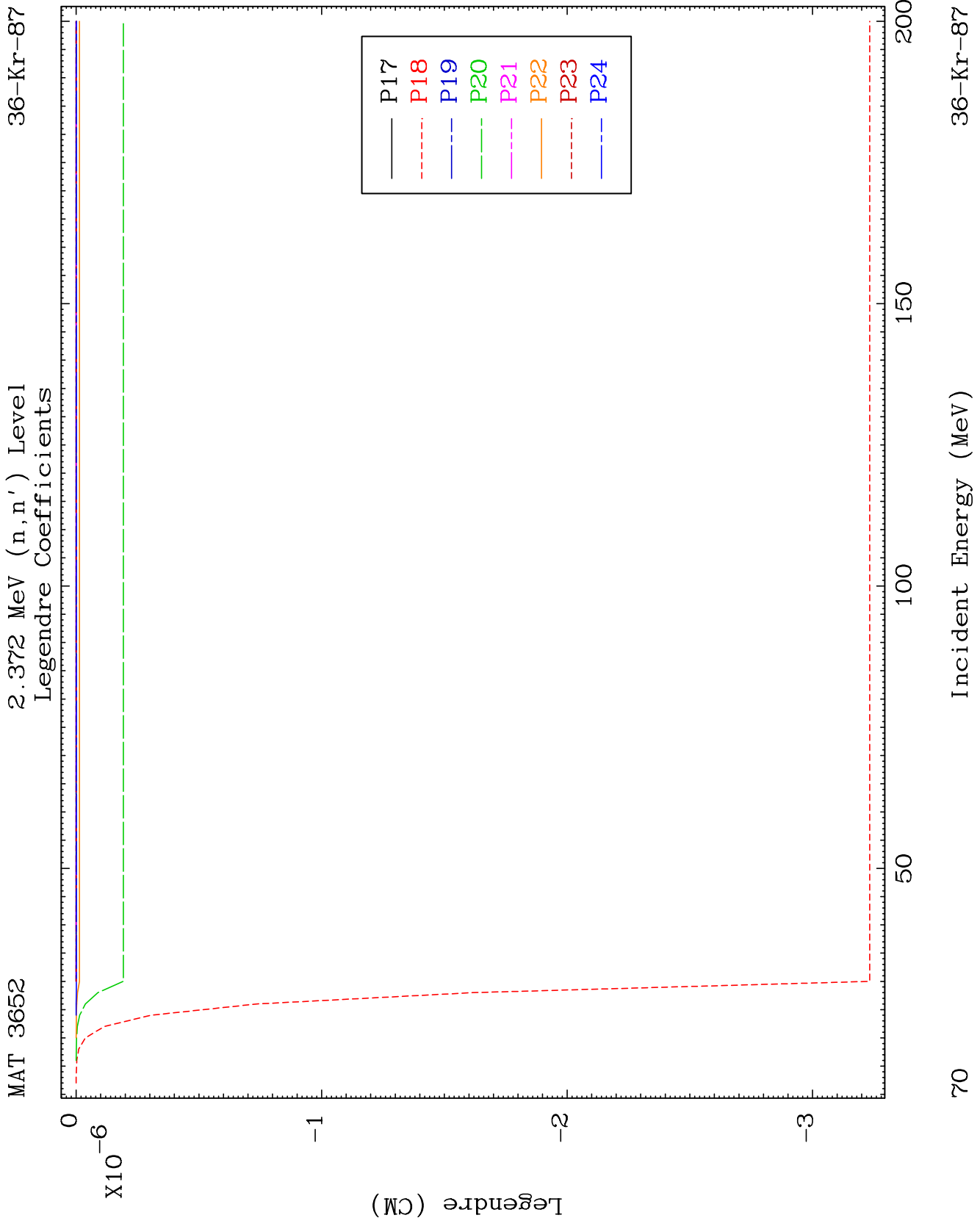


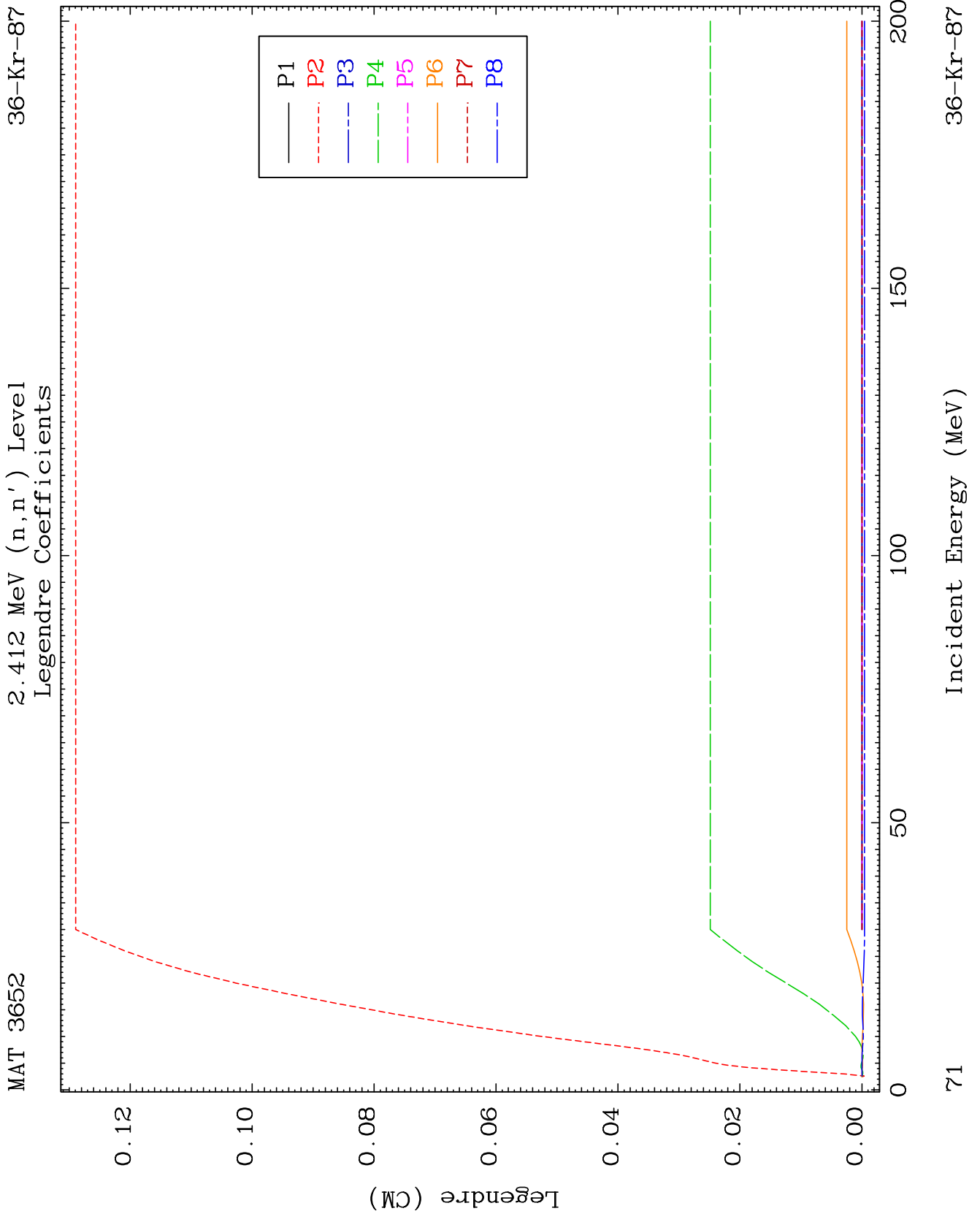










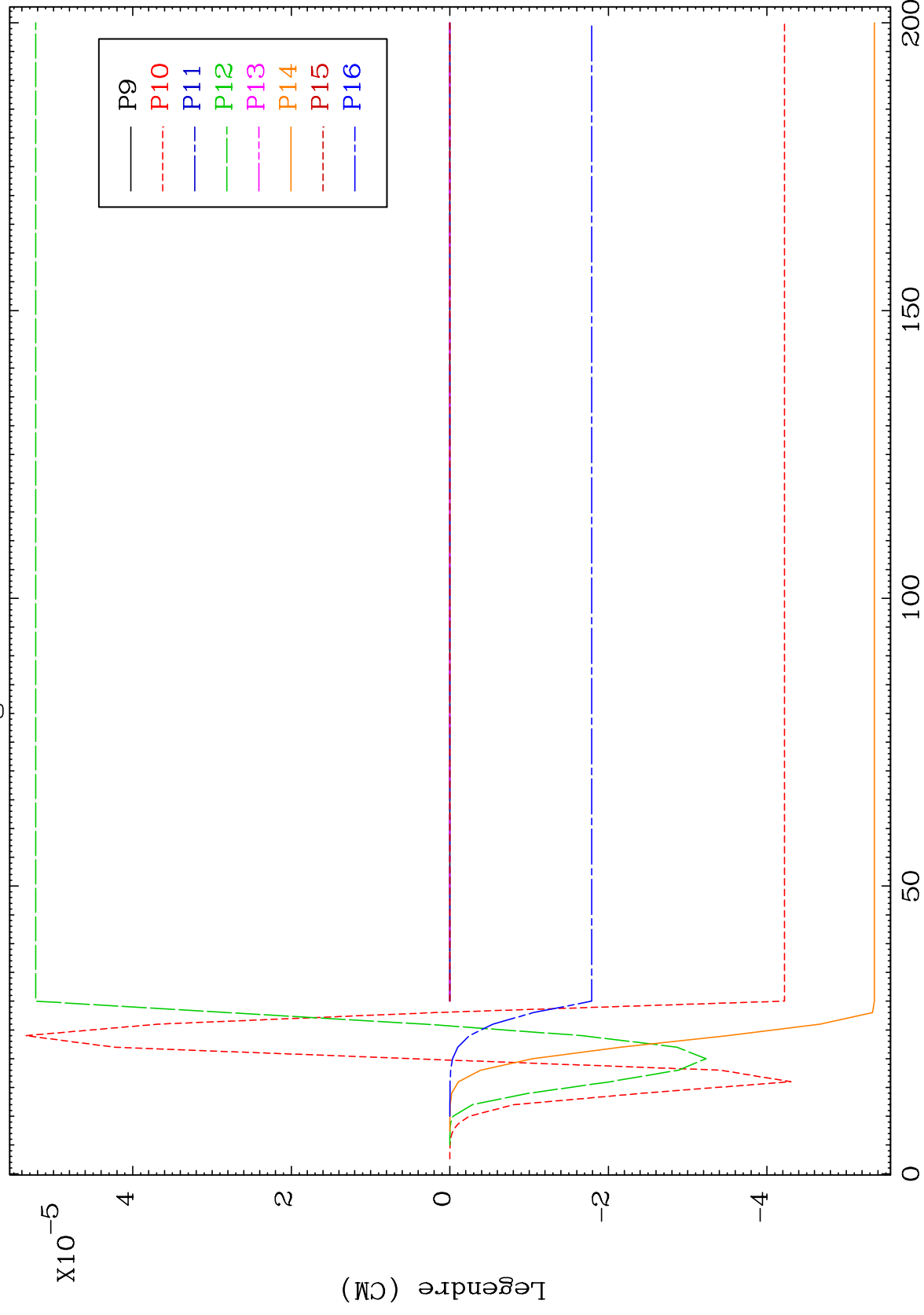




MAT 3652

2.412 MeV (n,n') Level  
Legendre Coefficients

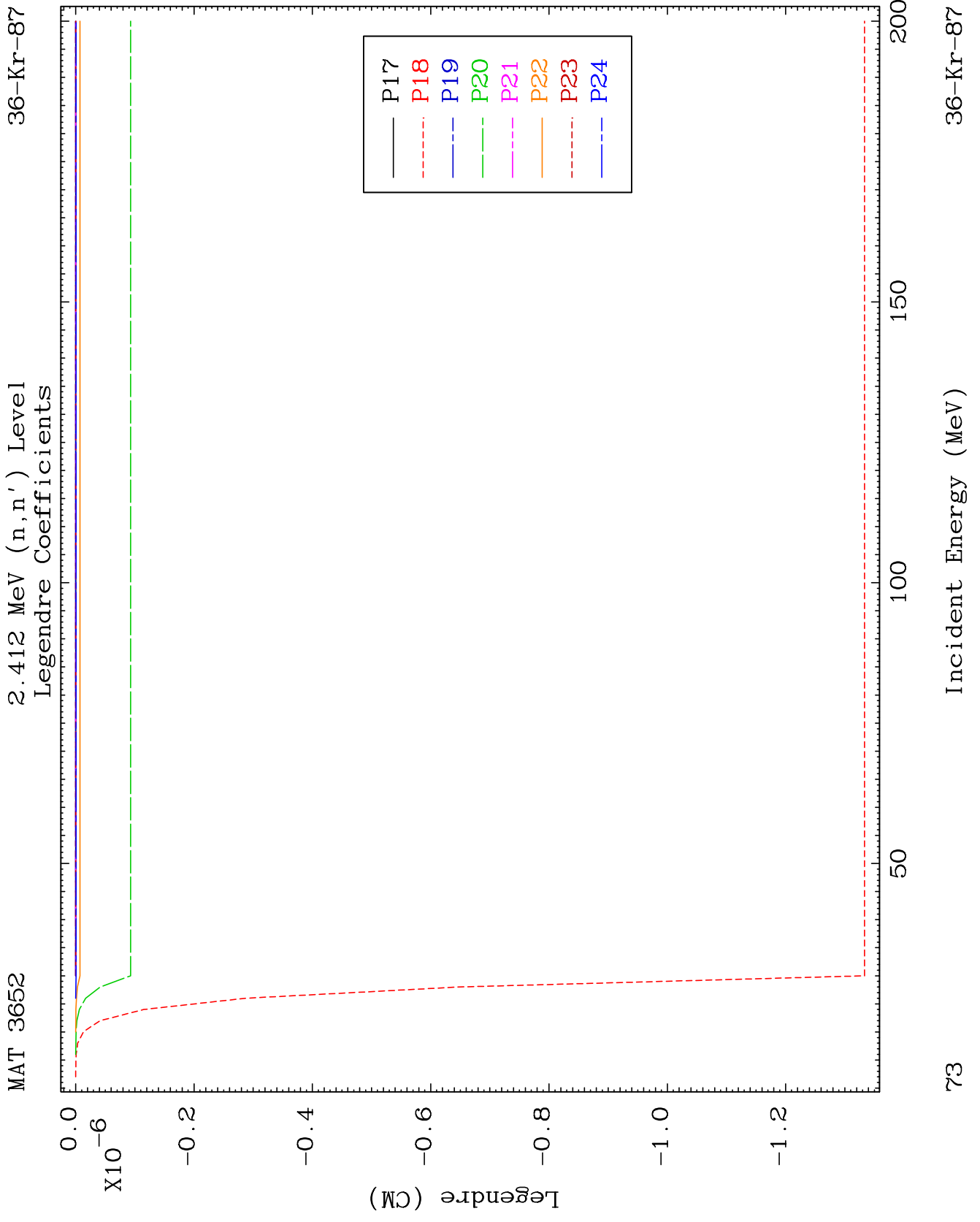
36-Kr-87

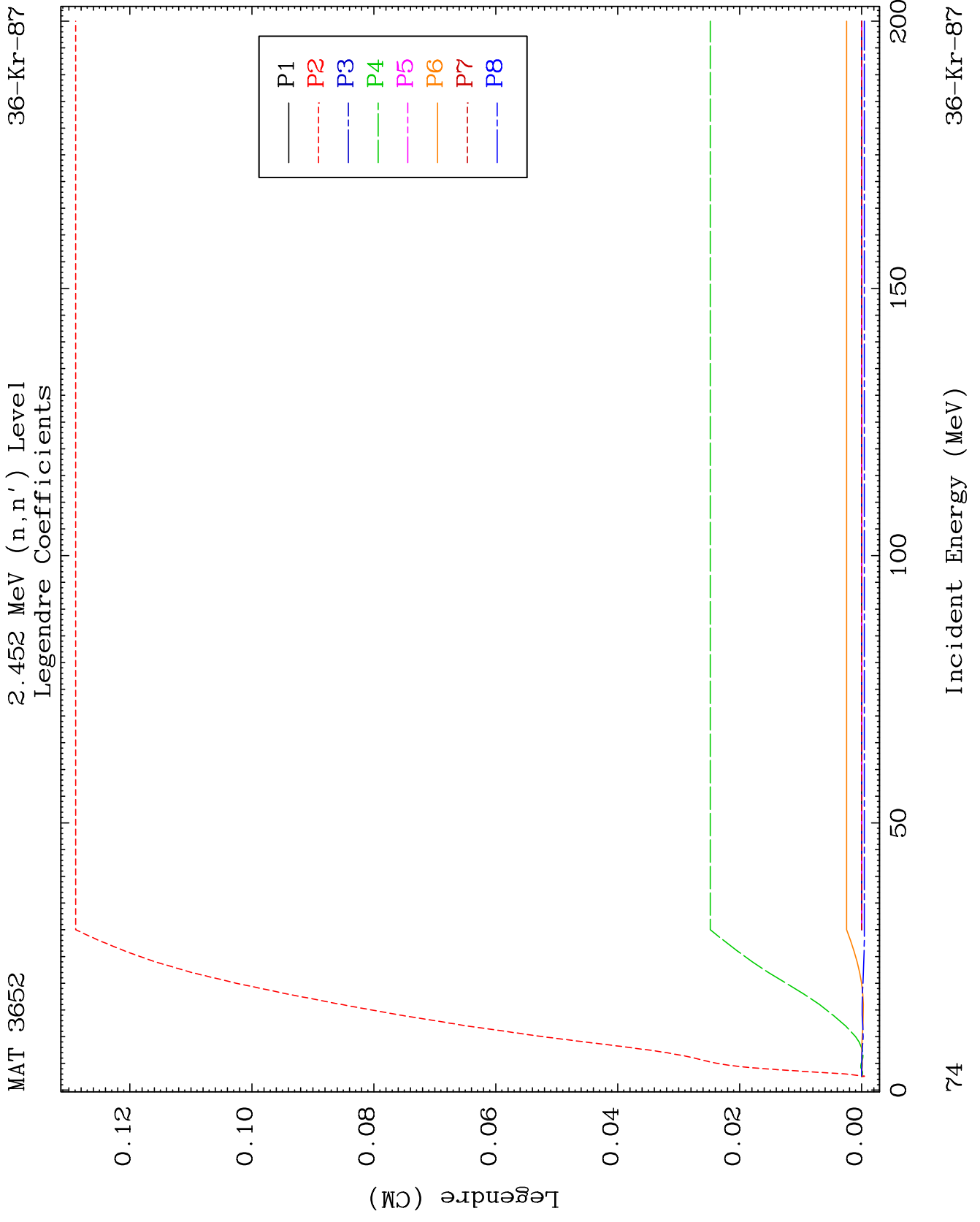


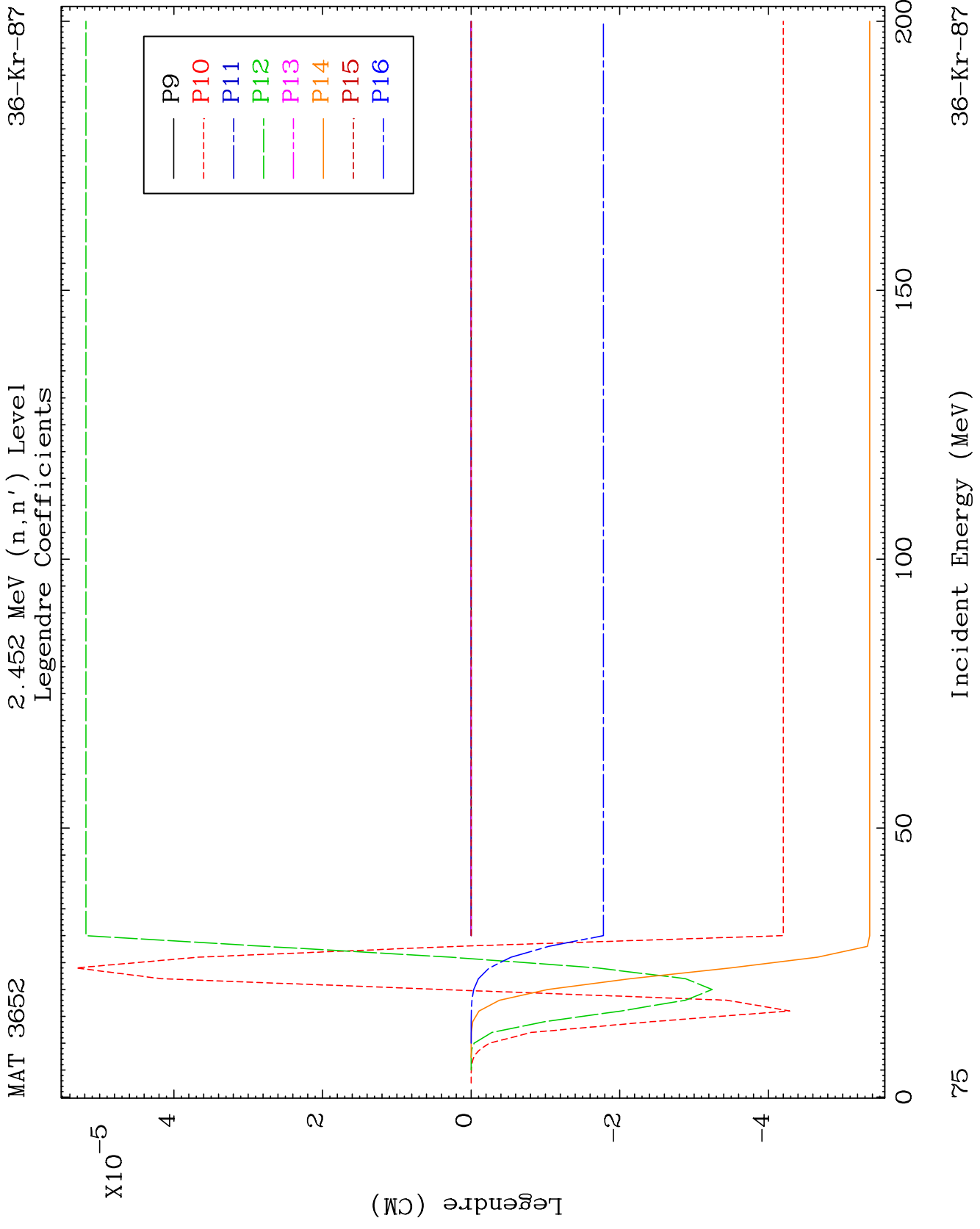
72

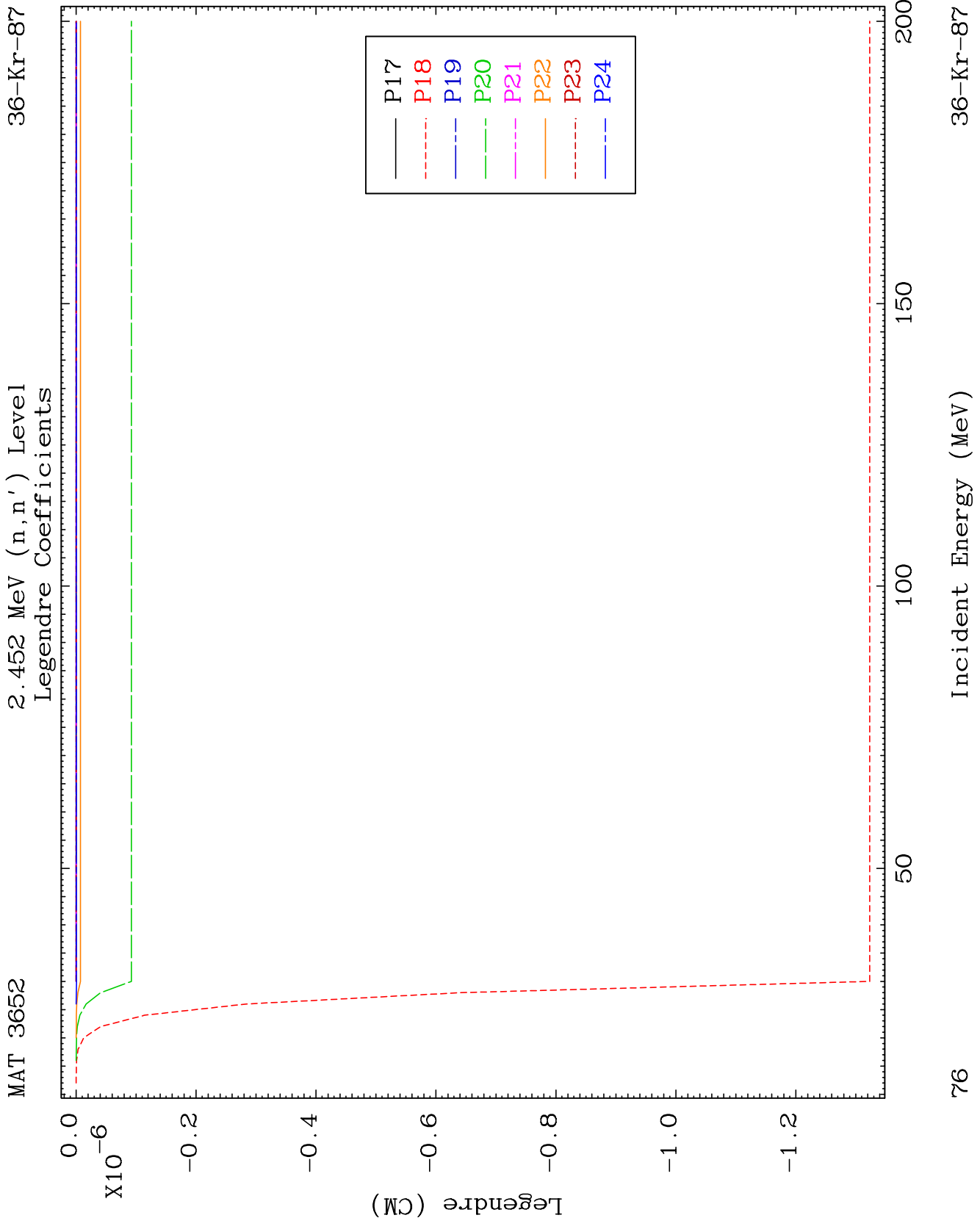
Incident Energy (MeV)

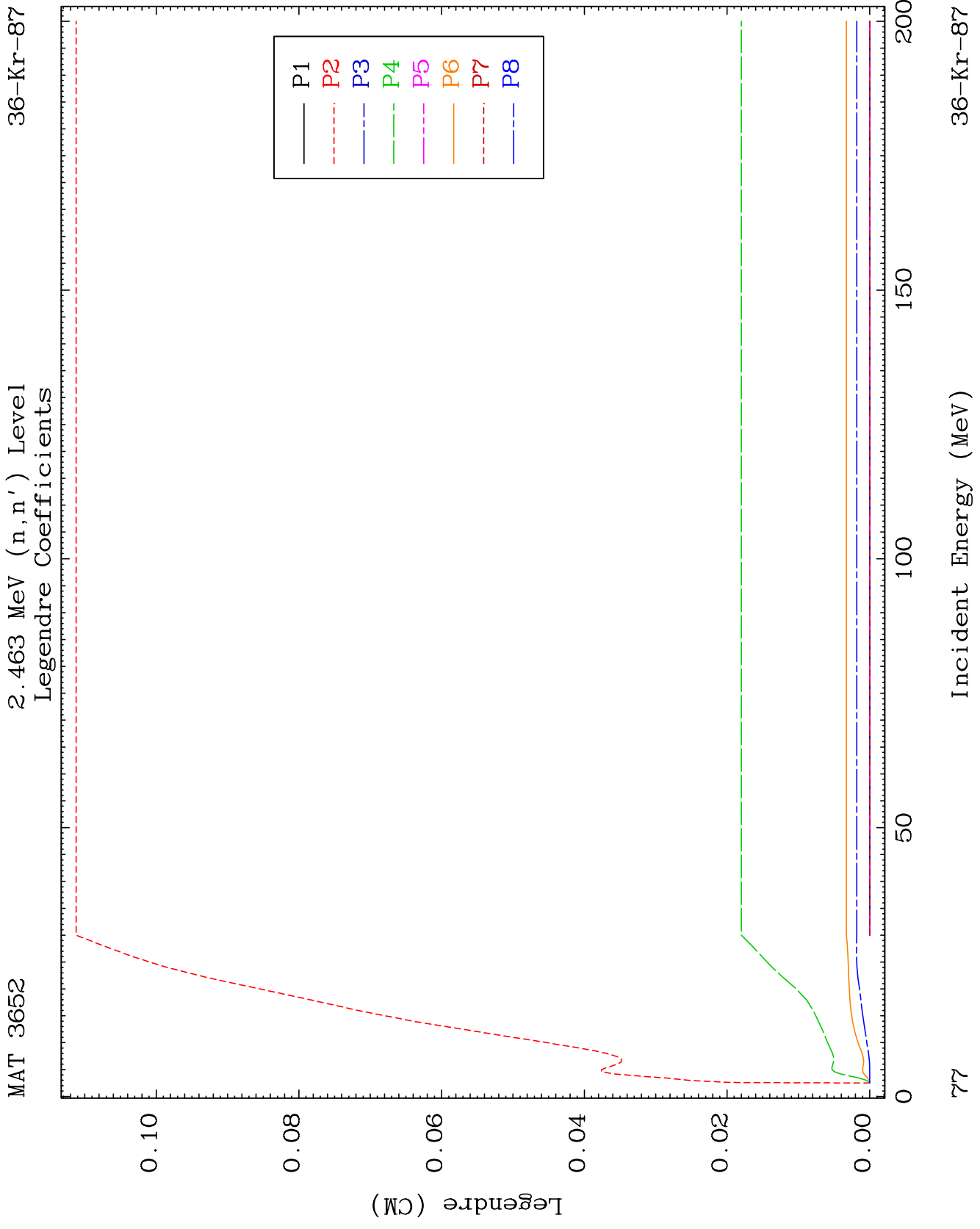
36-Kr-87

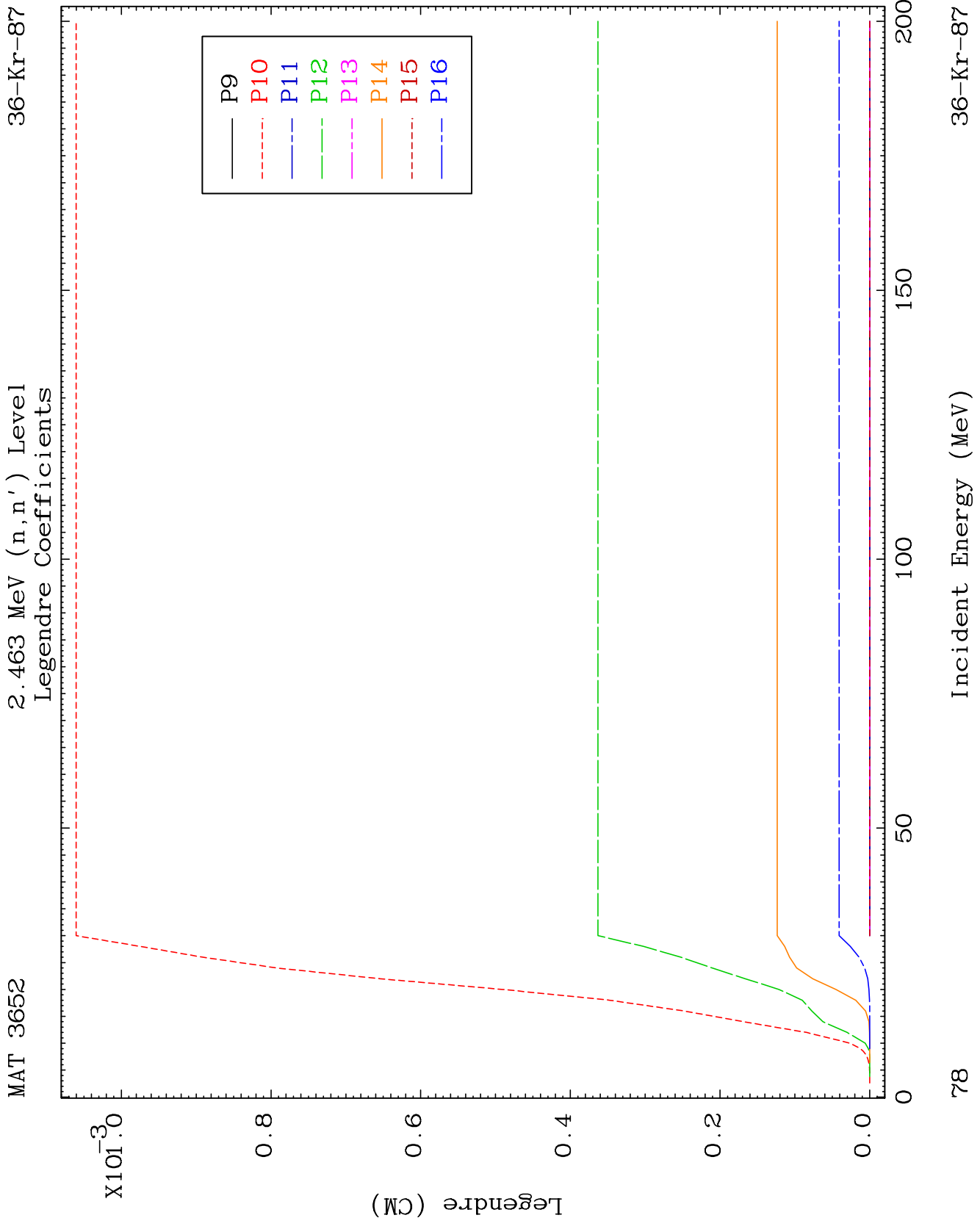






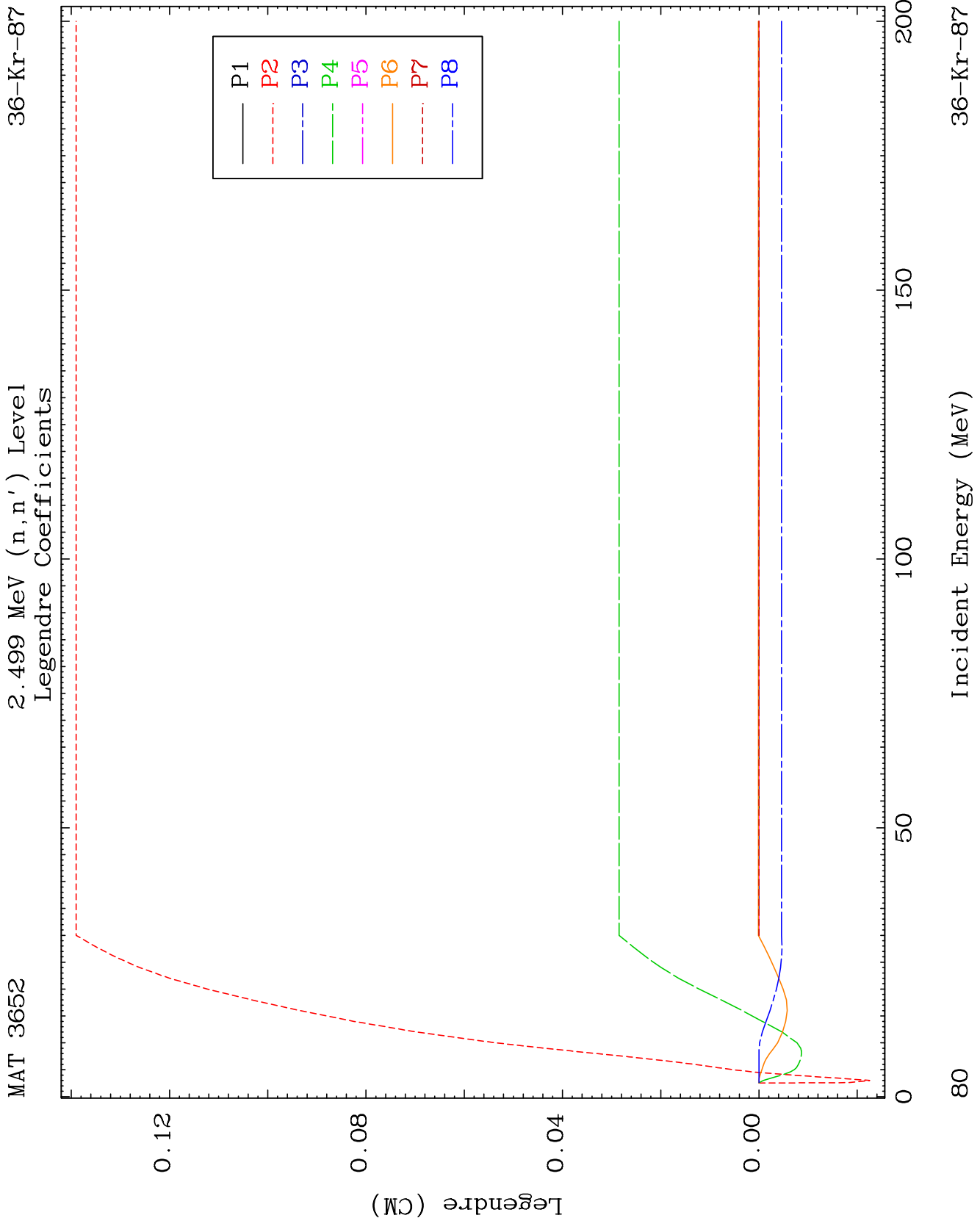


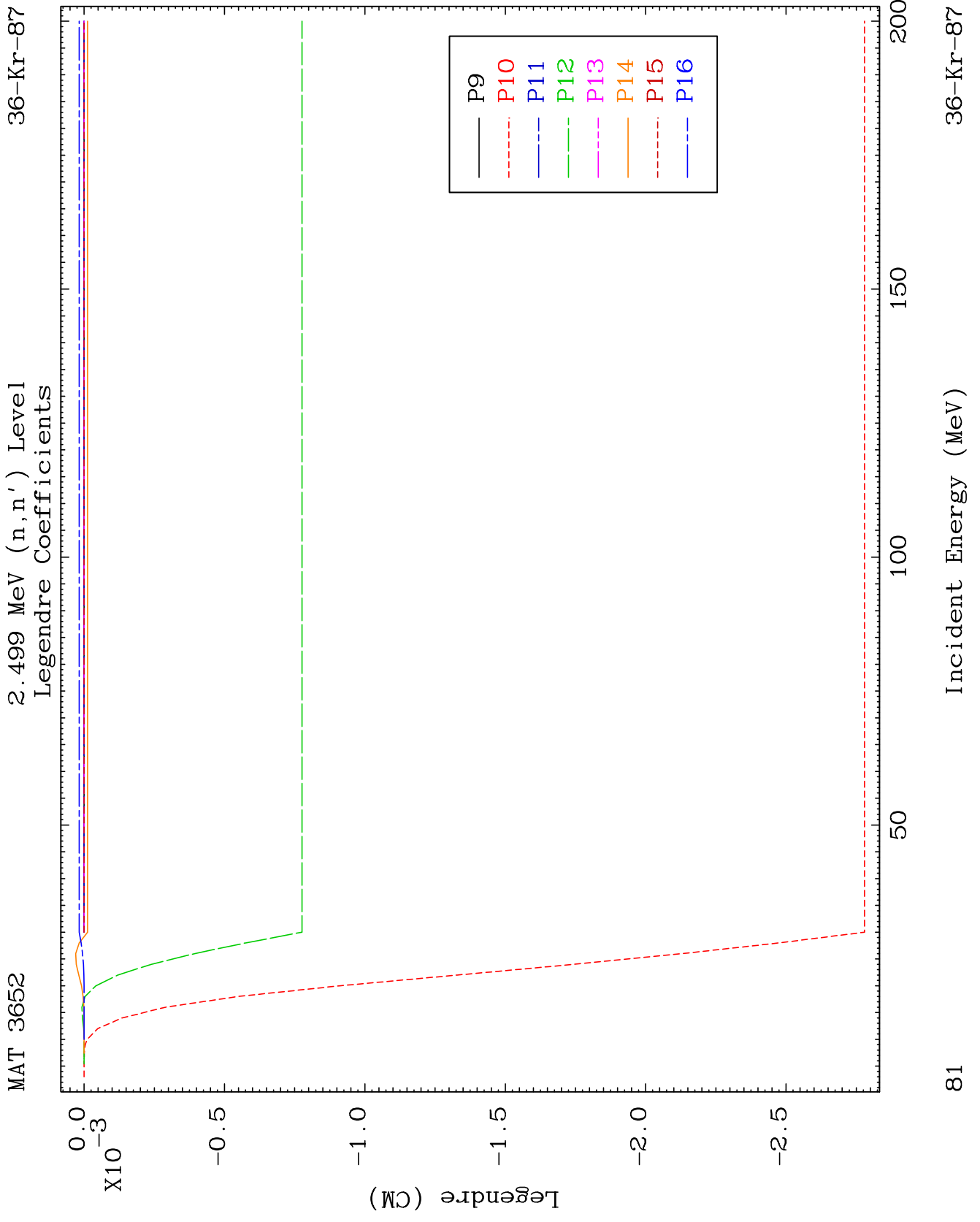


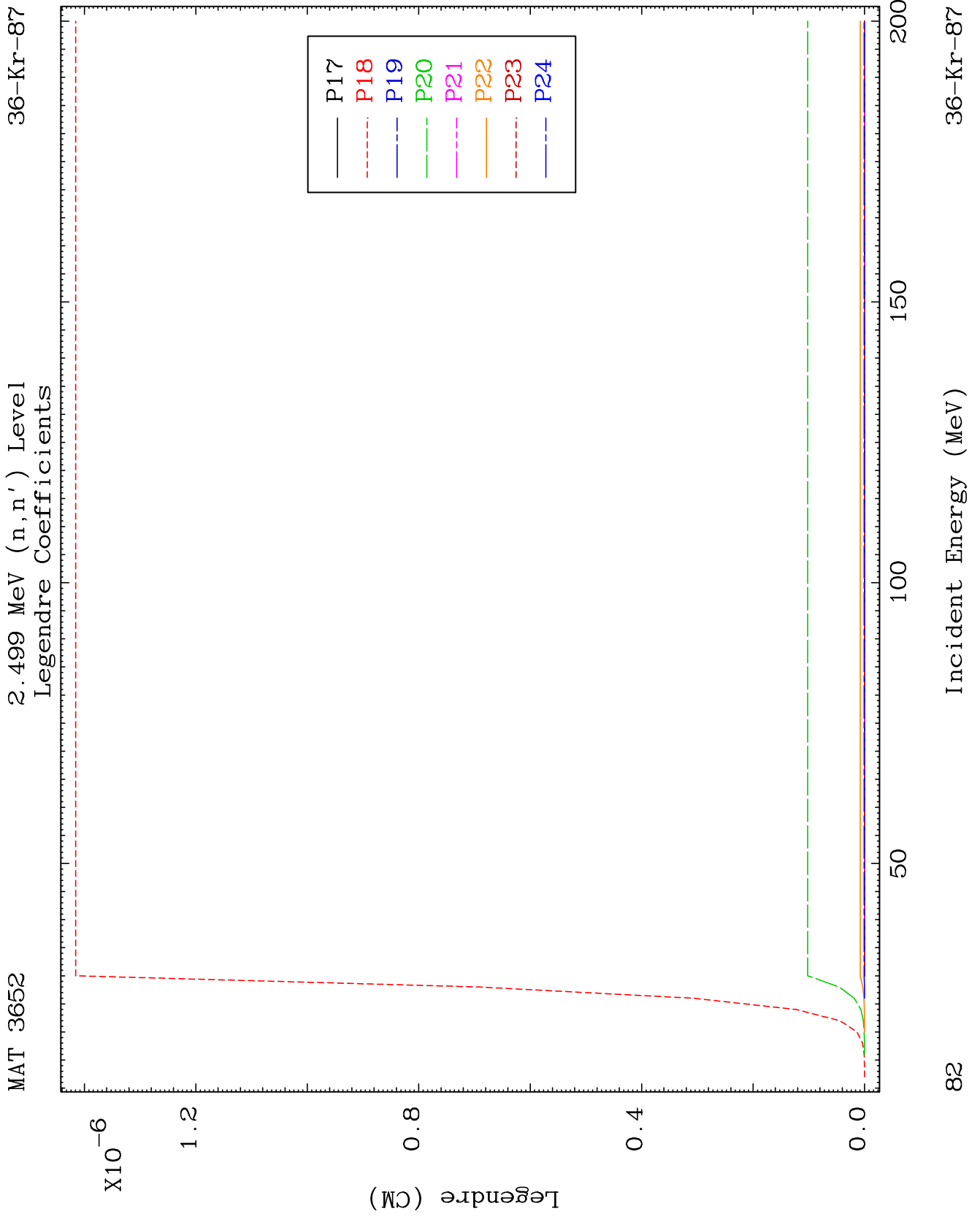






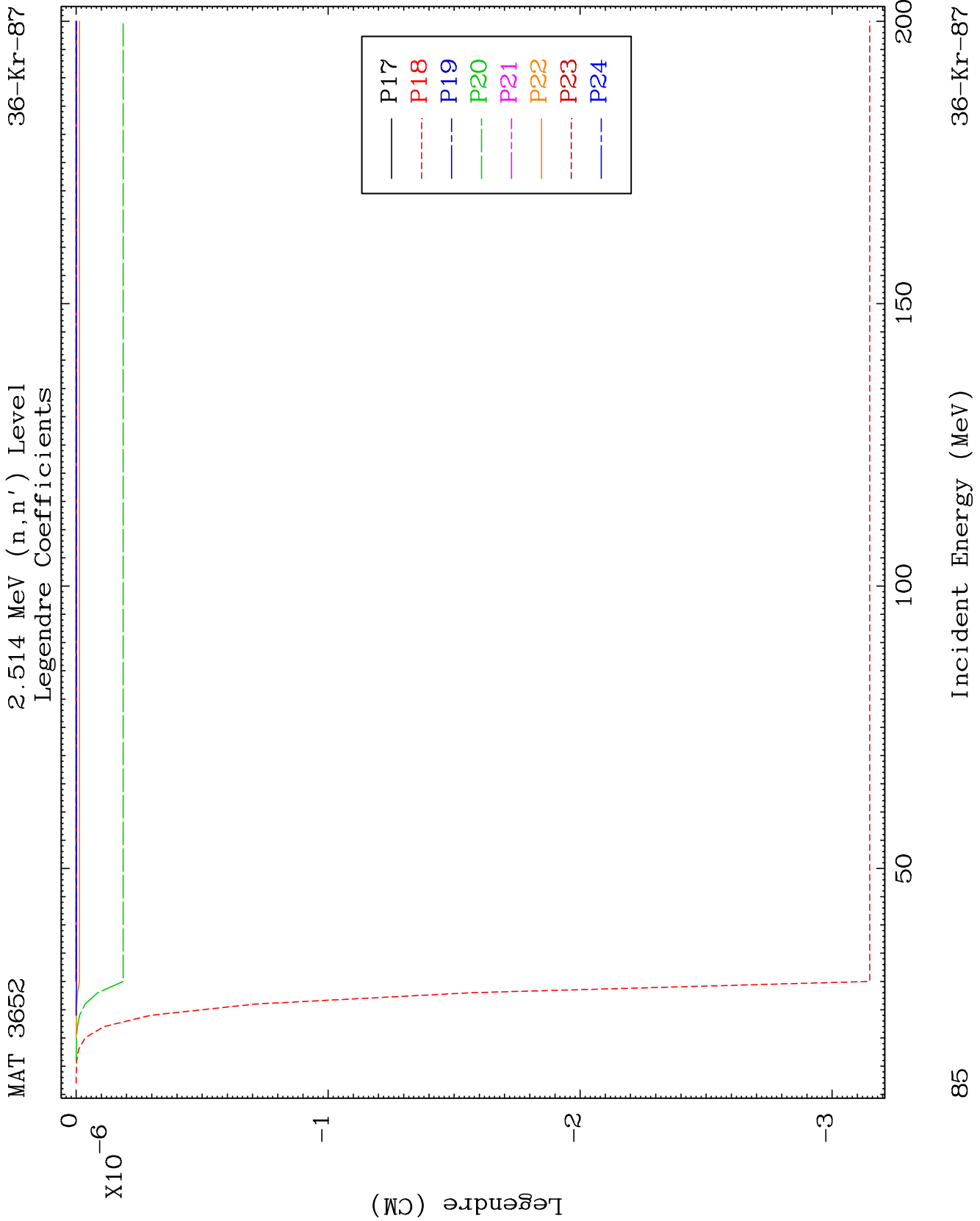








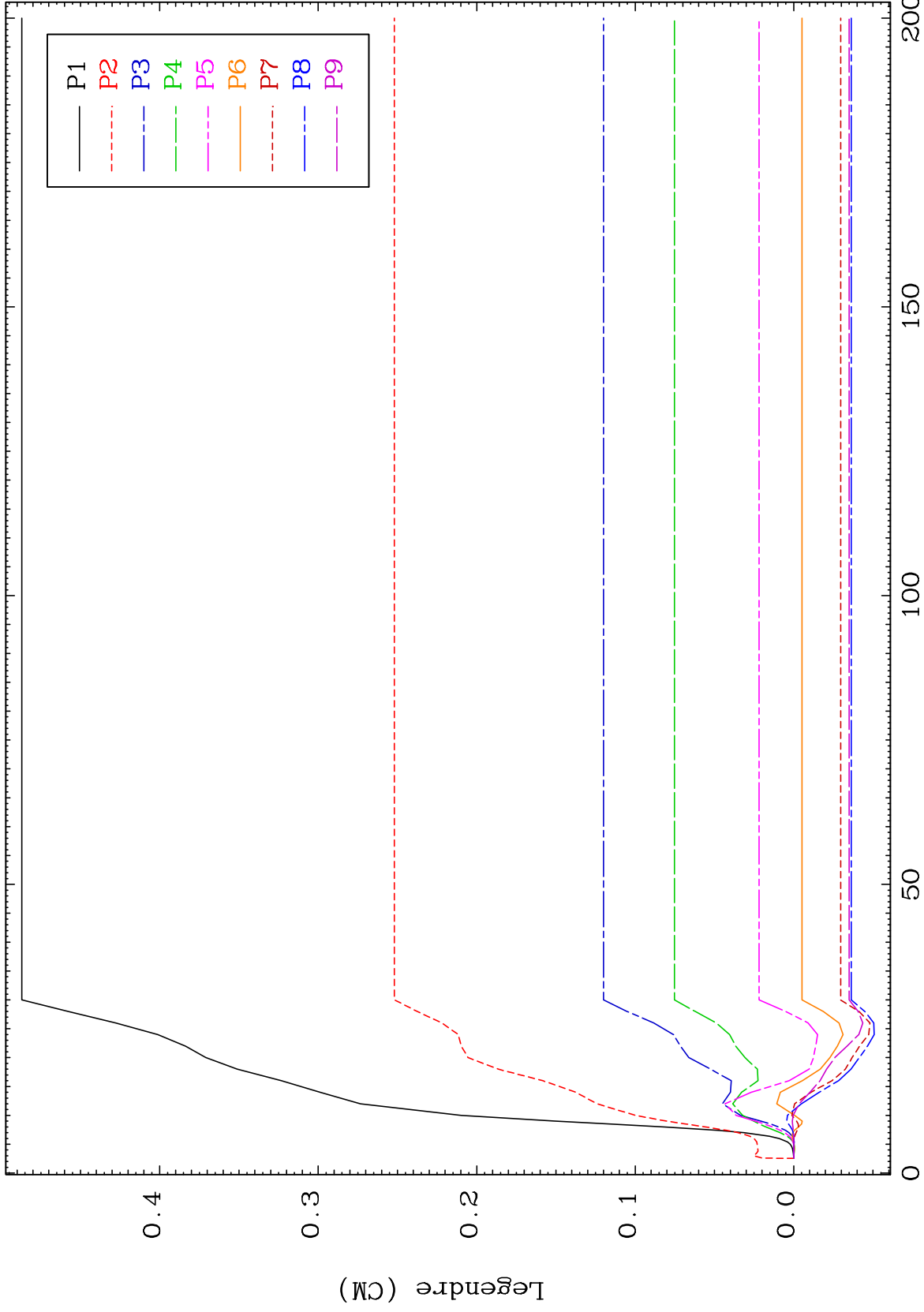




MAT 3652

2.519 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87



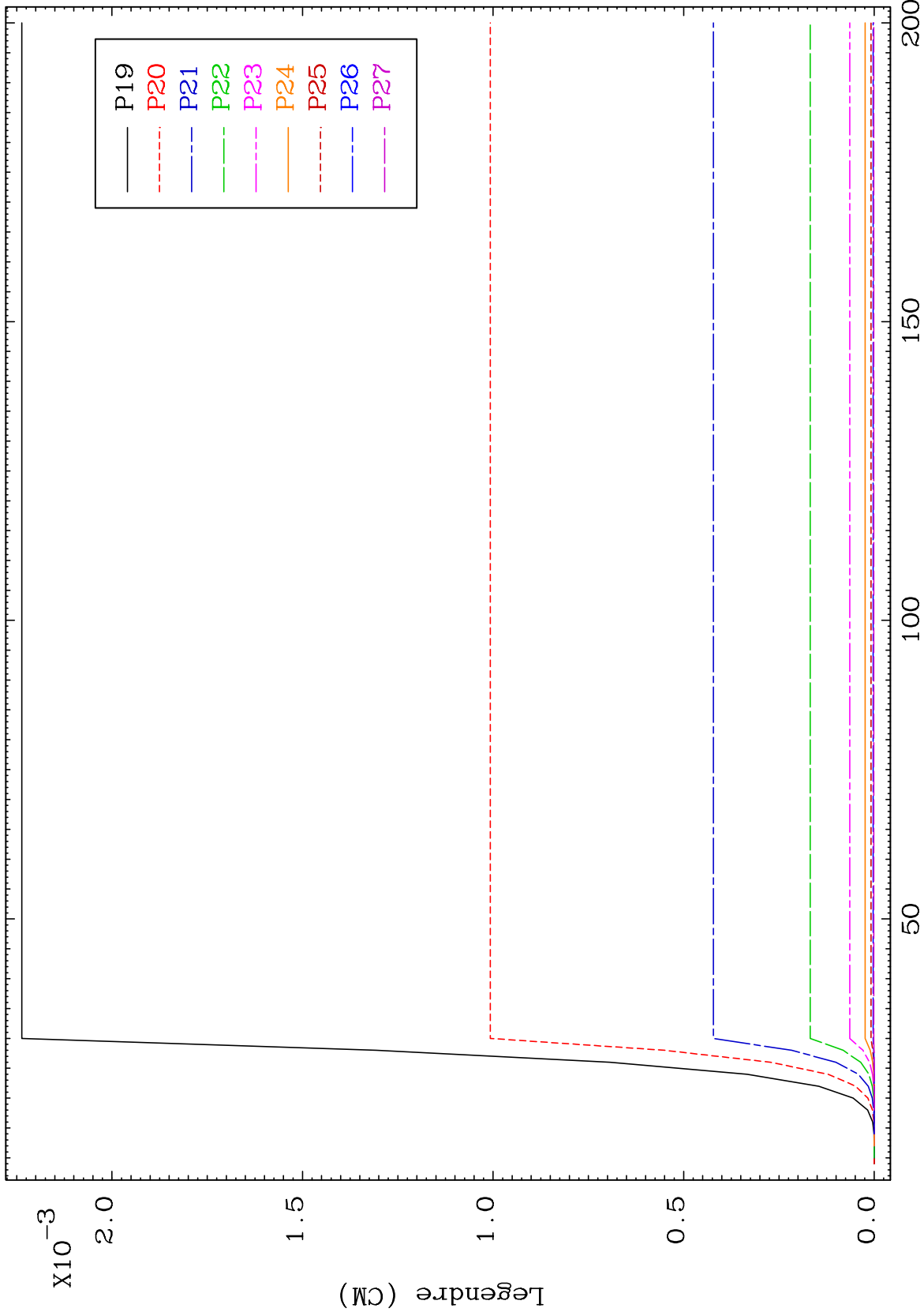
86

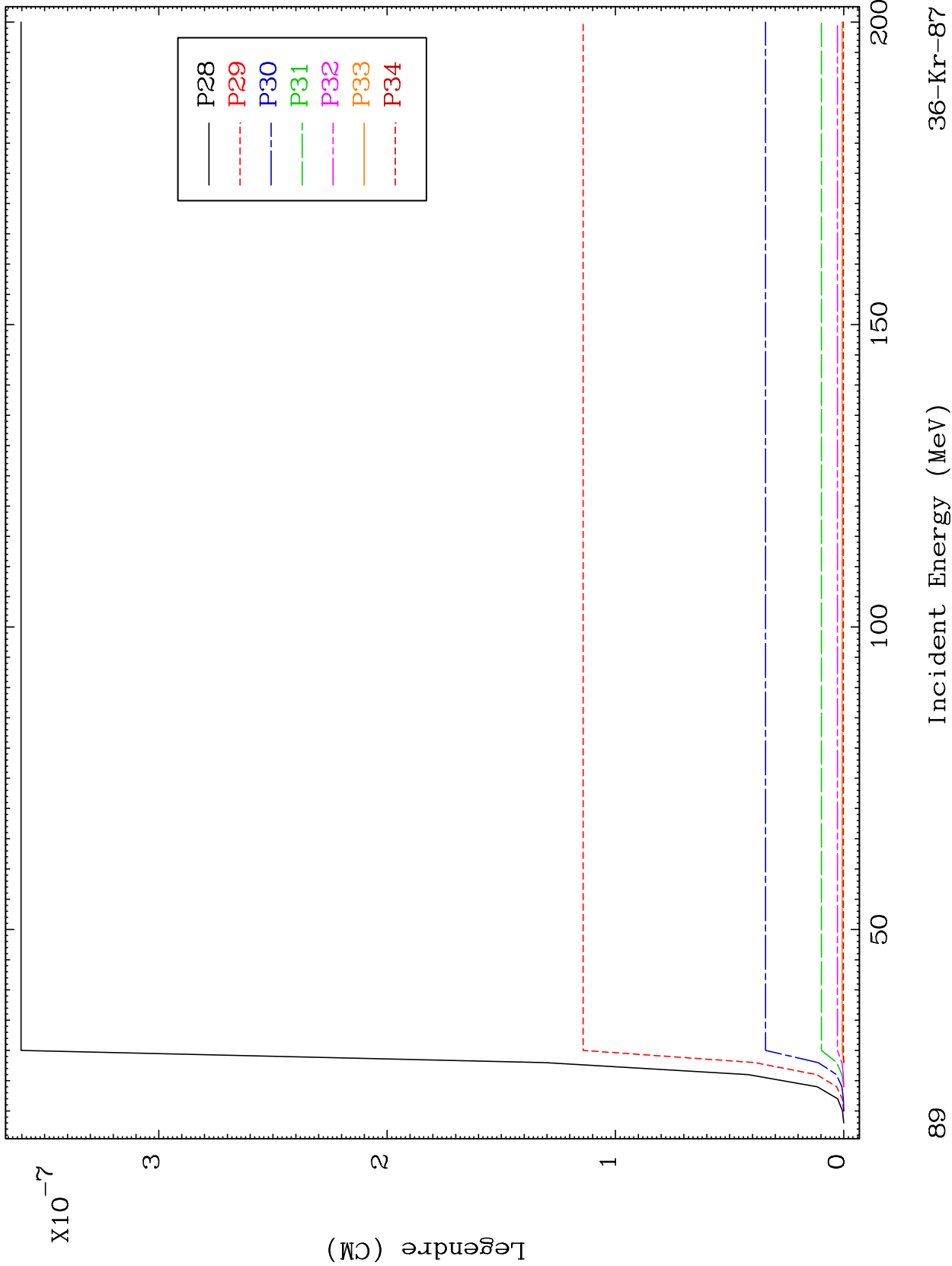
Incident Energy (MeV)

36-Kr-87





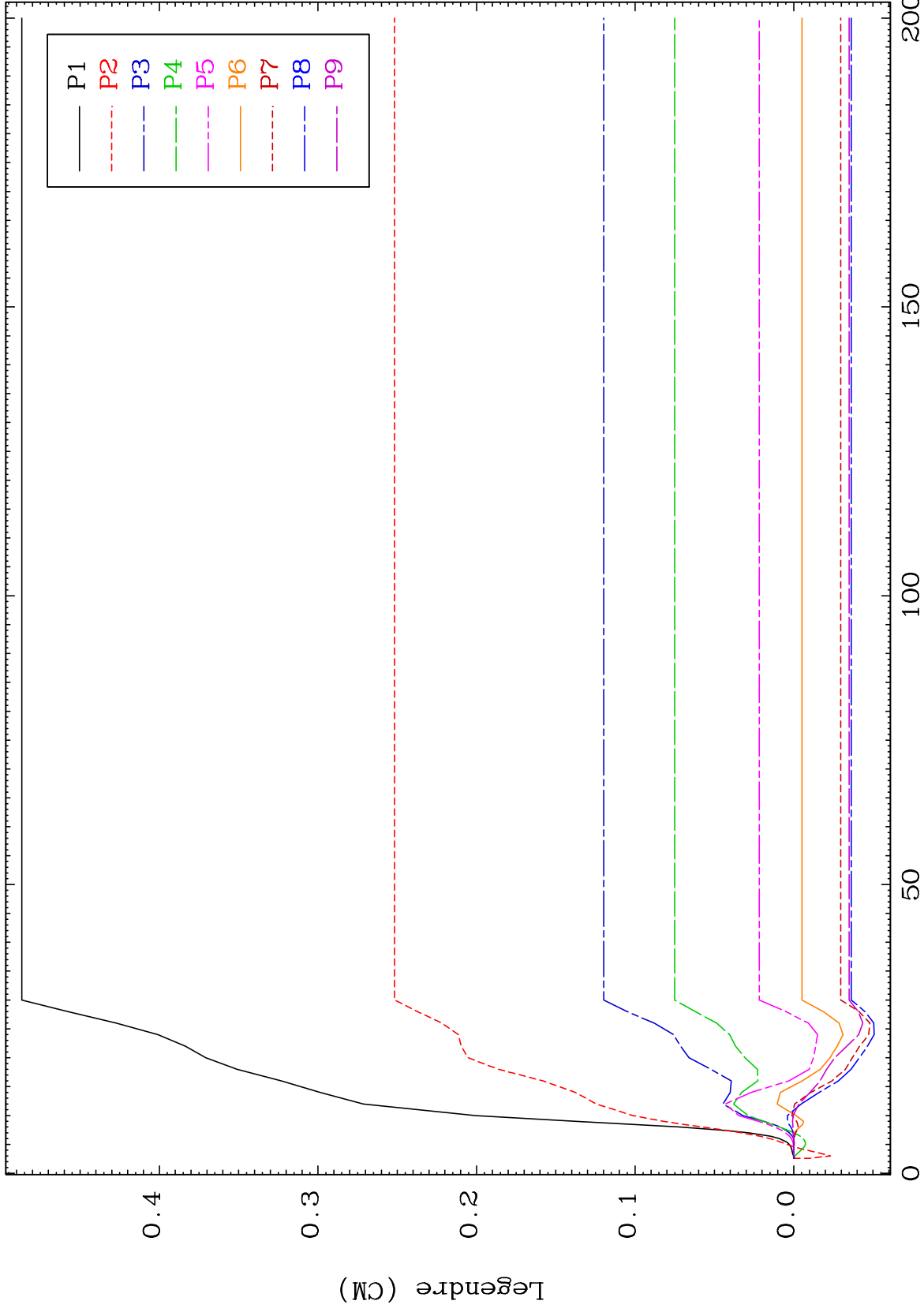




MAT 3652

2.547 MeV (n,n') Level  
Legendre Coefficients

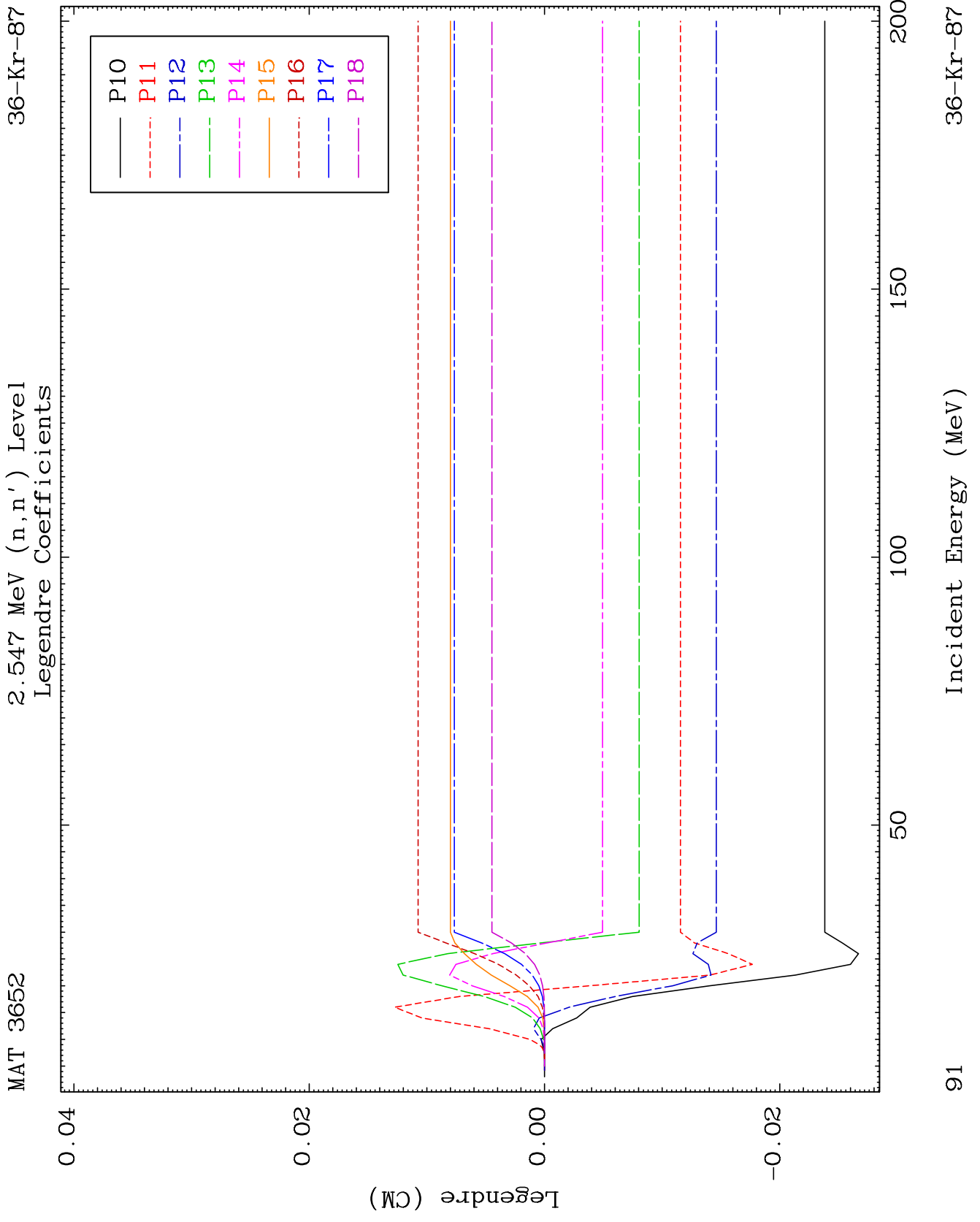
36-Kr-87



90

Incident Energy (MeV)

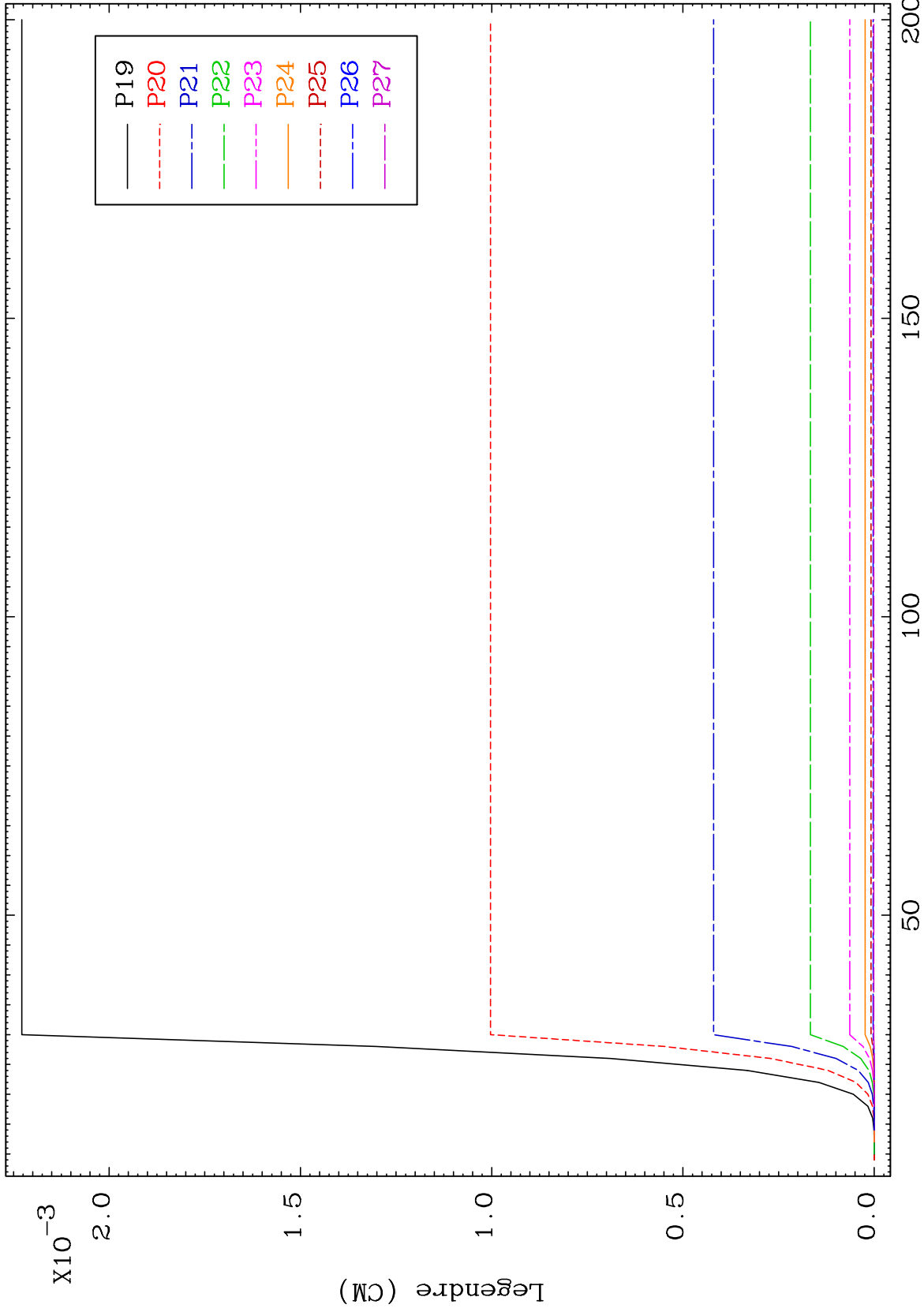
36-Kr-87



MAT 3652

2.547 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87



92

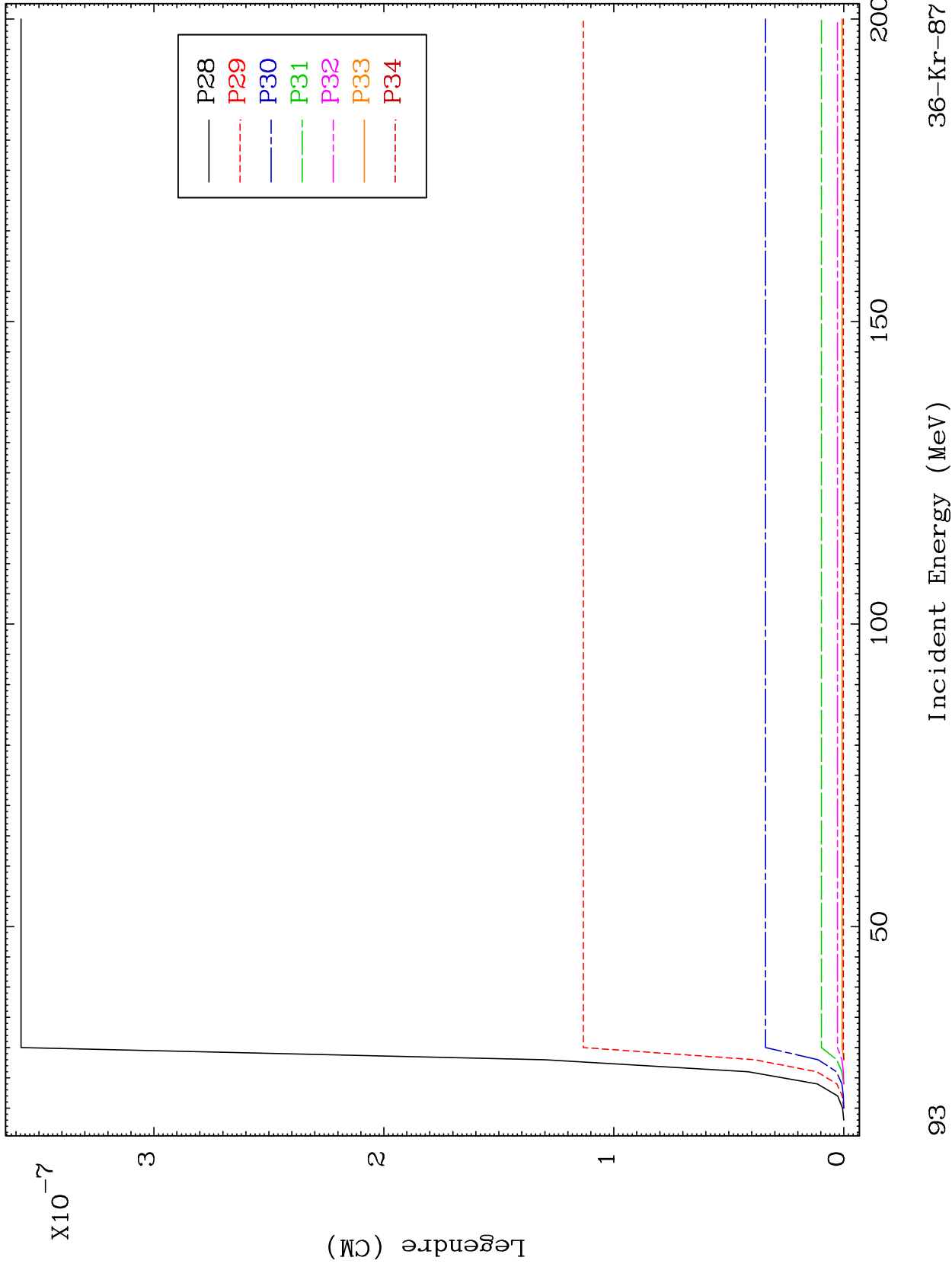
Incident Energy (MeV)

36-Kr-87

MAT 3652

2.547 MeV (n,n') Level  
Legendre Coefficients

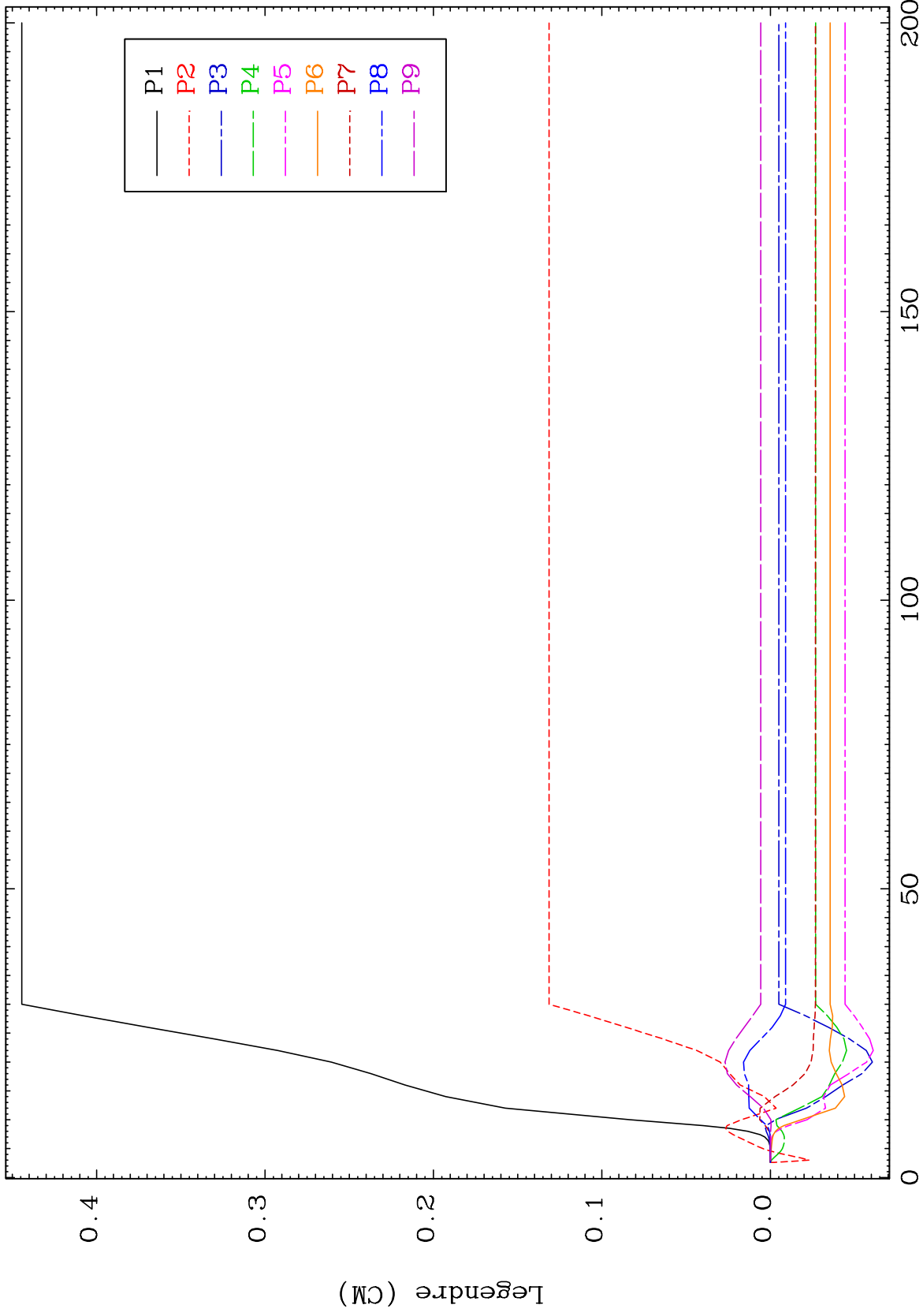
36-Kr-87



MAT 3652

2.566 MeV (n,n') Level  
Legendre Coefficients

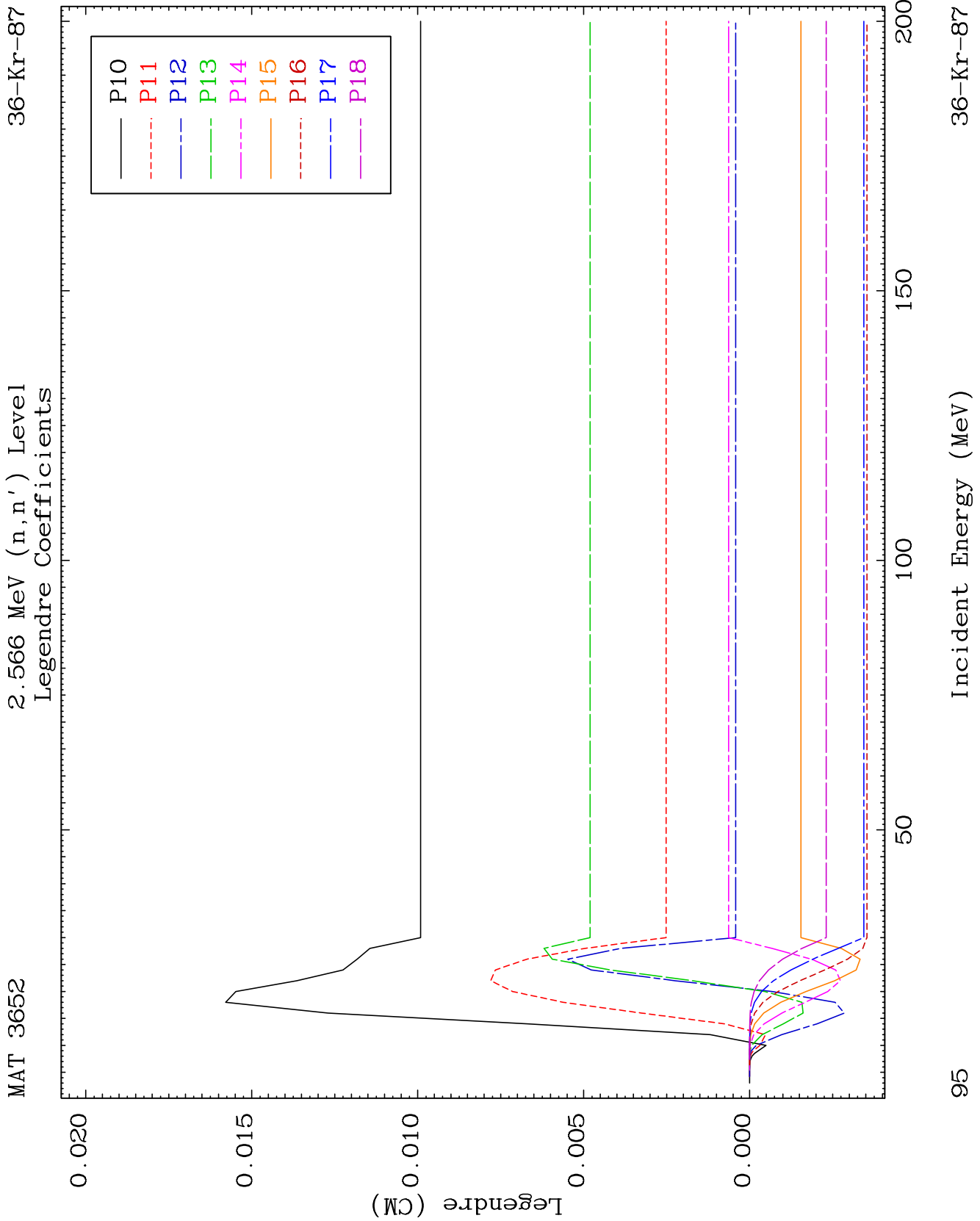
36-Kr-87



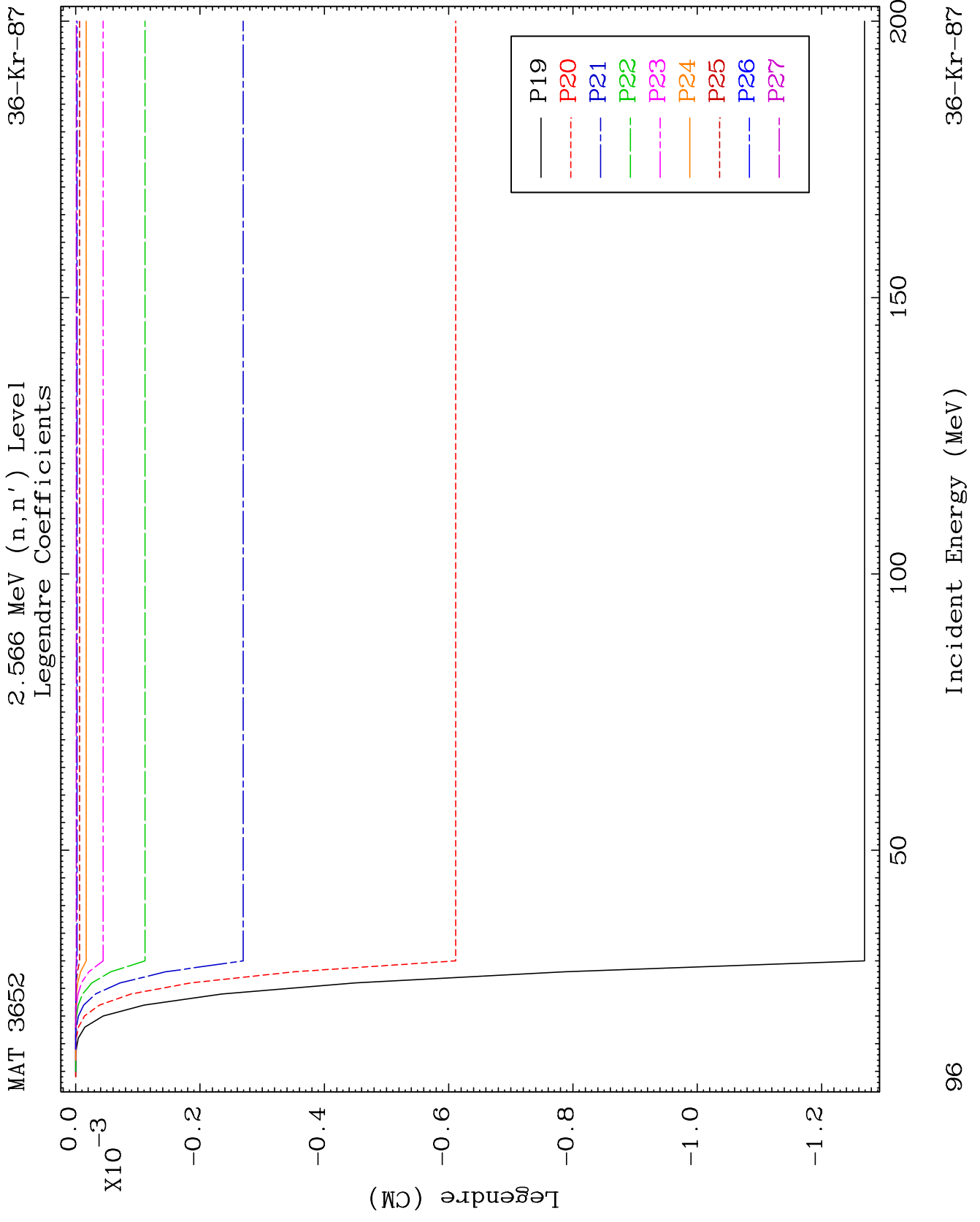
94

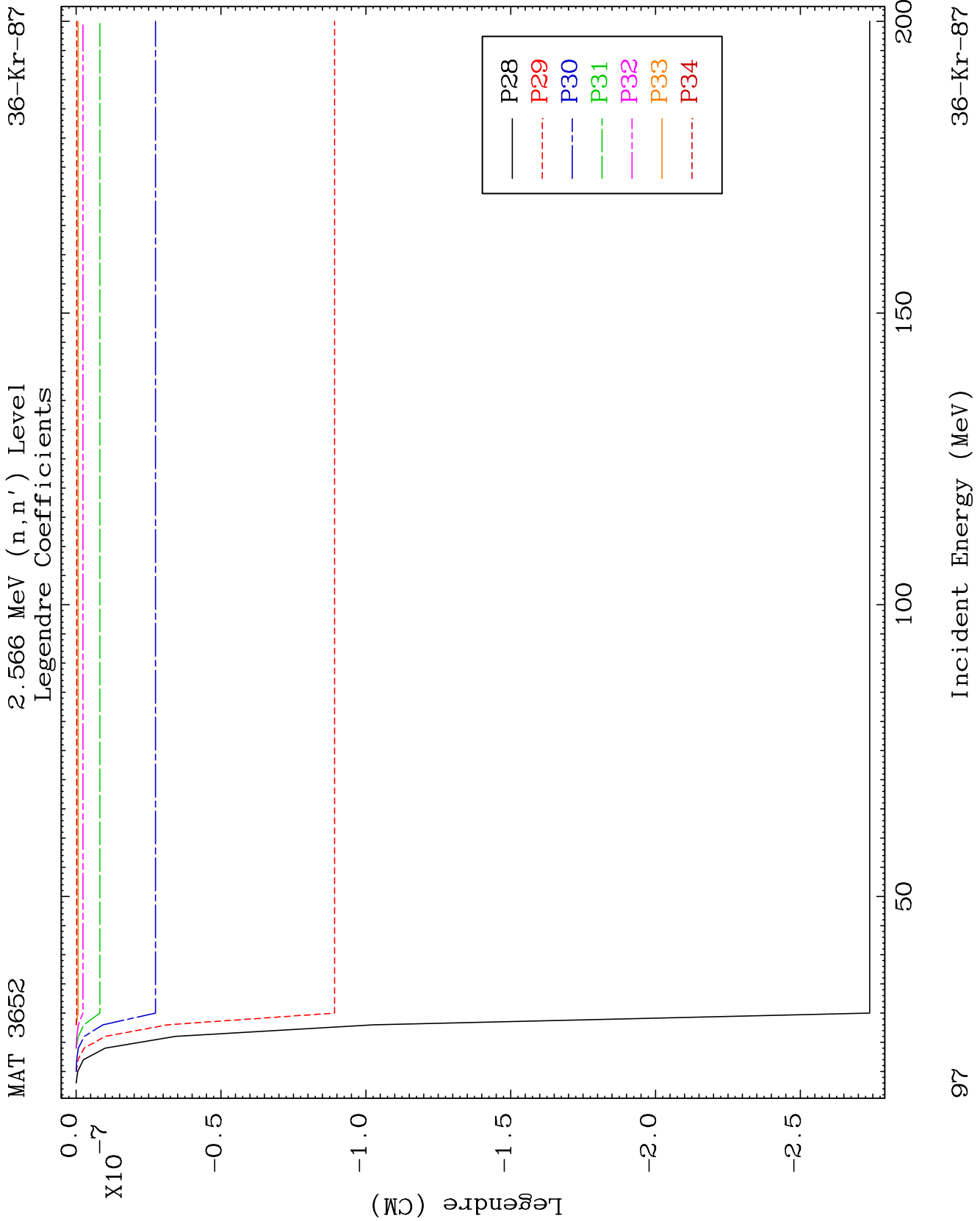
Incident Energy (MeV)

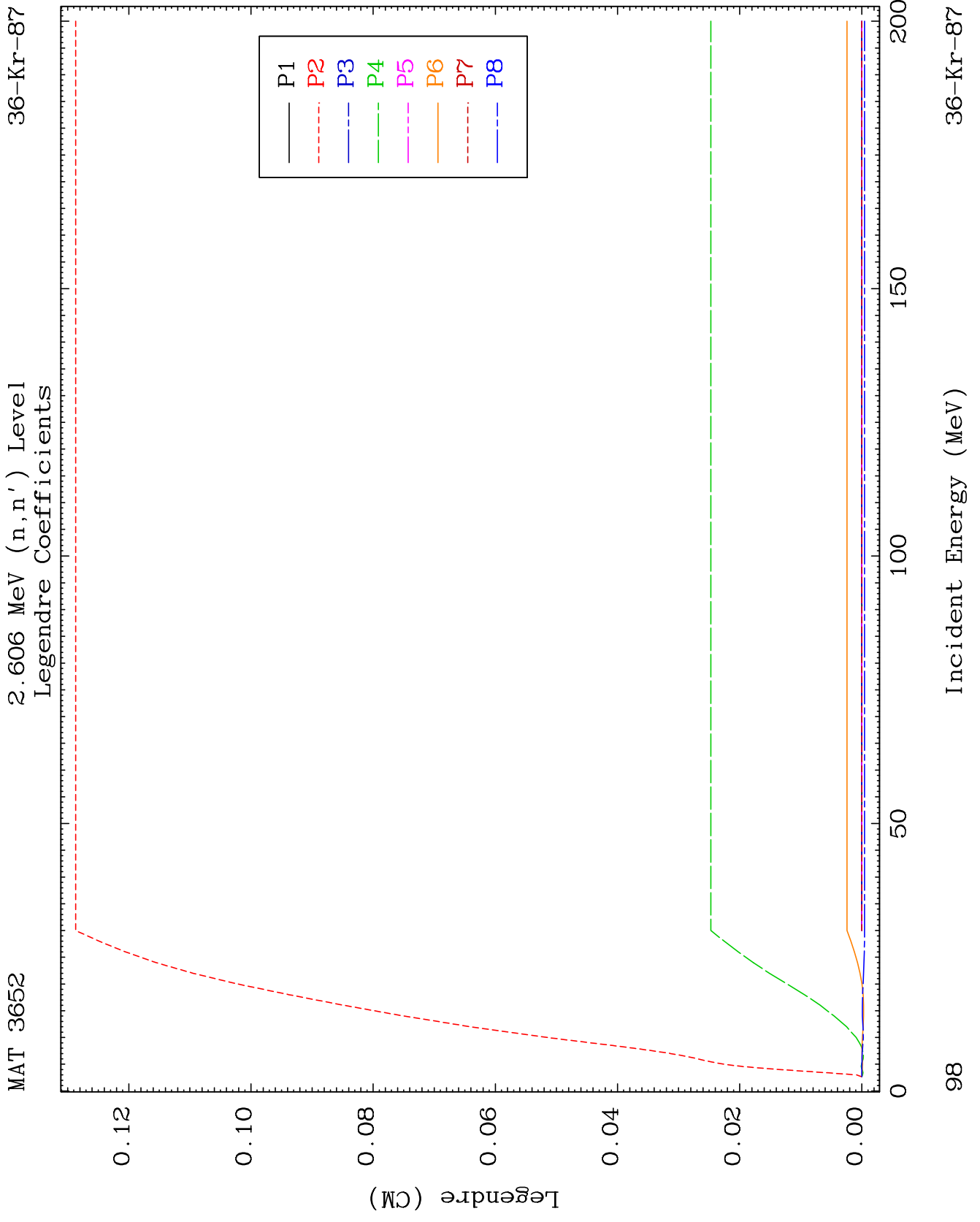
36-Kr-87

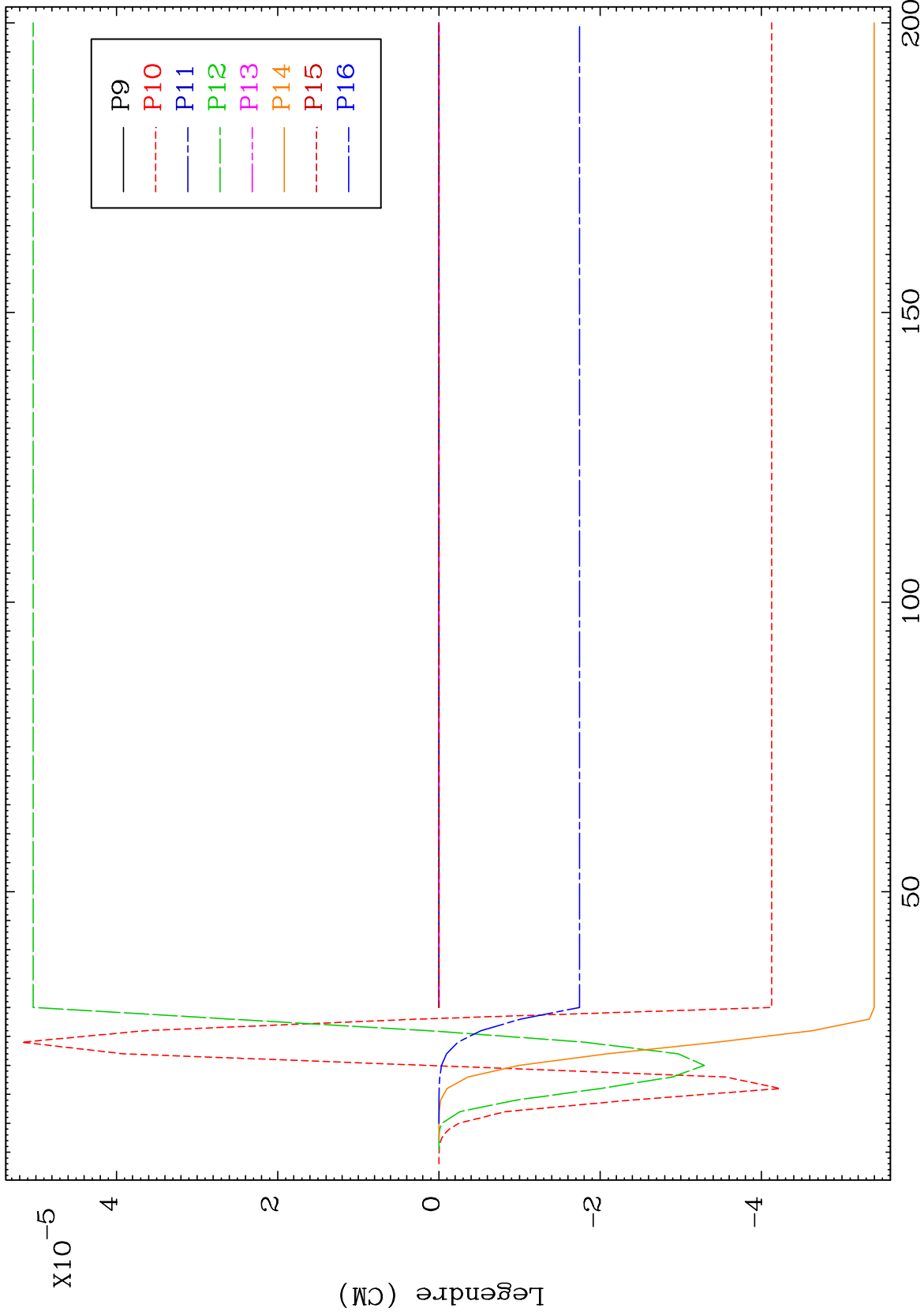


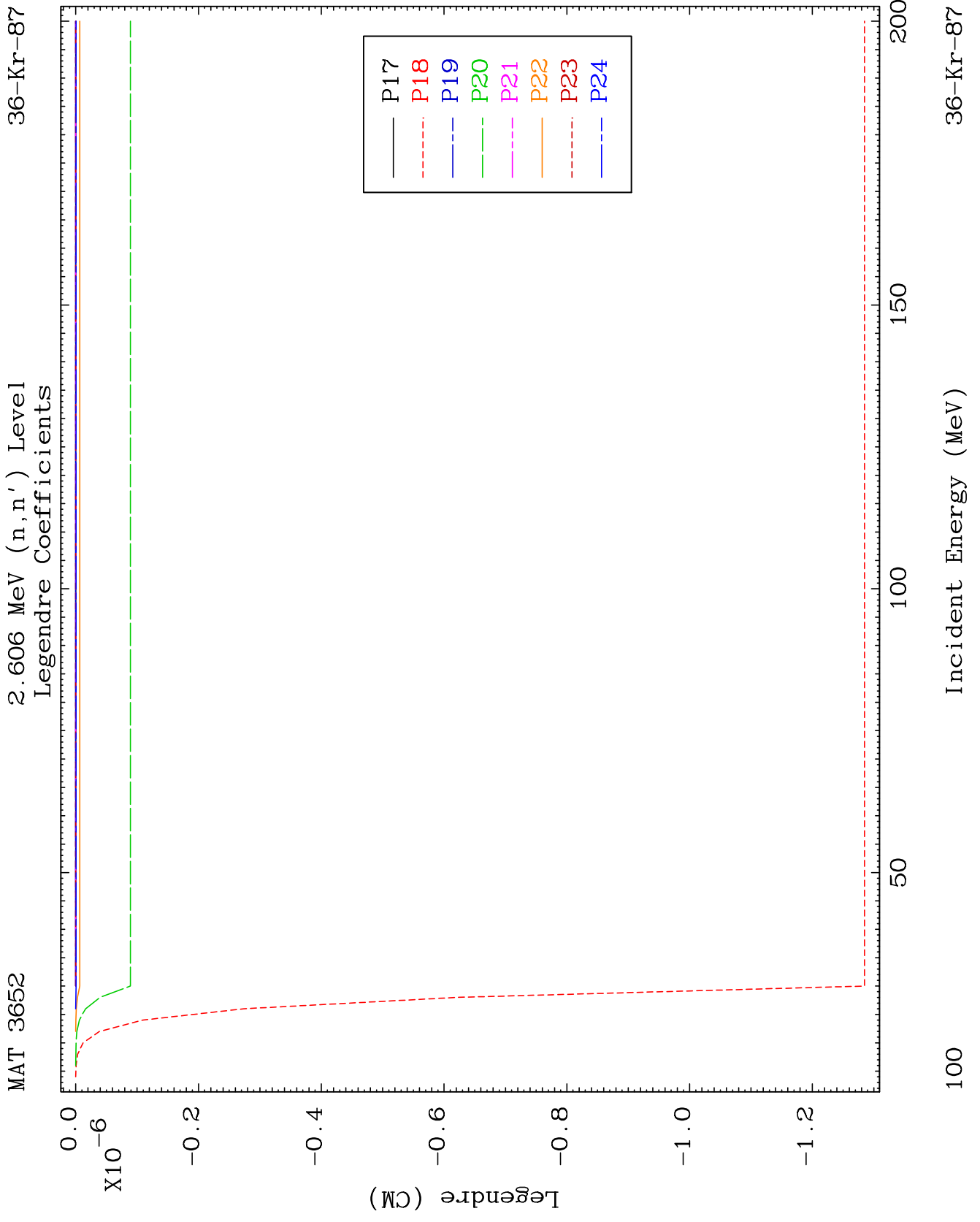








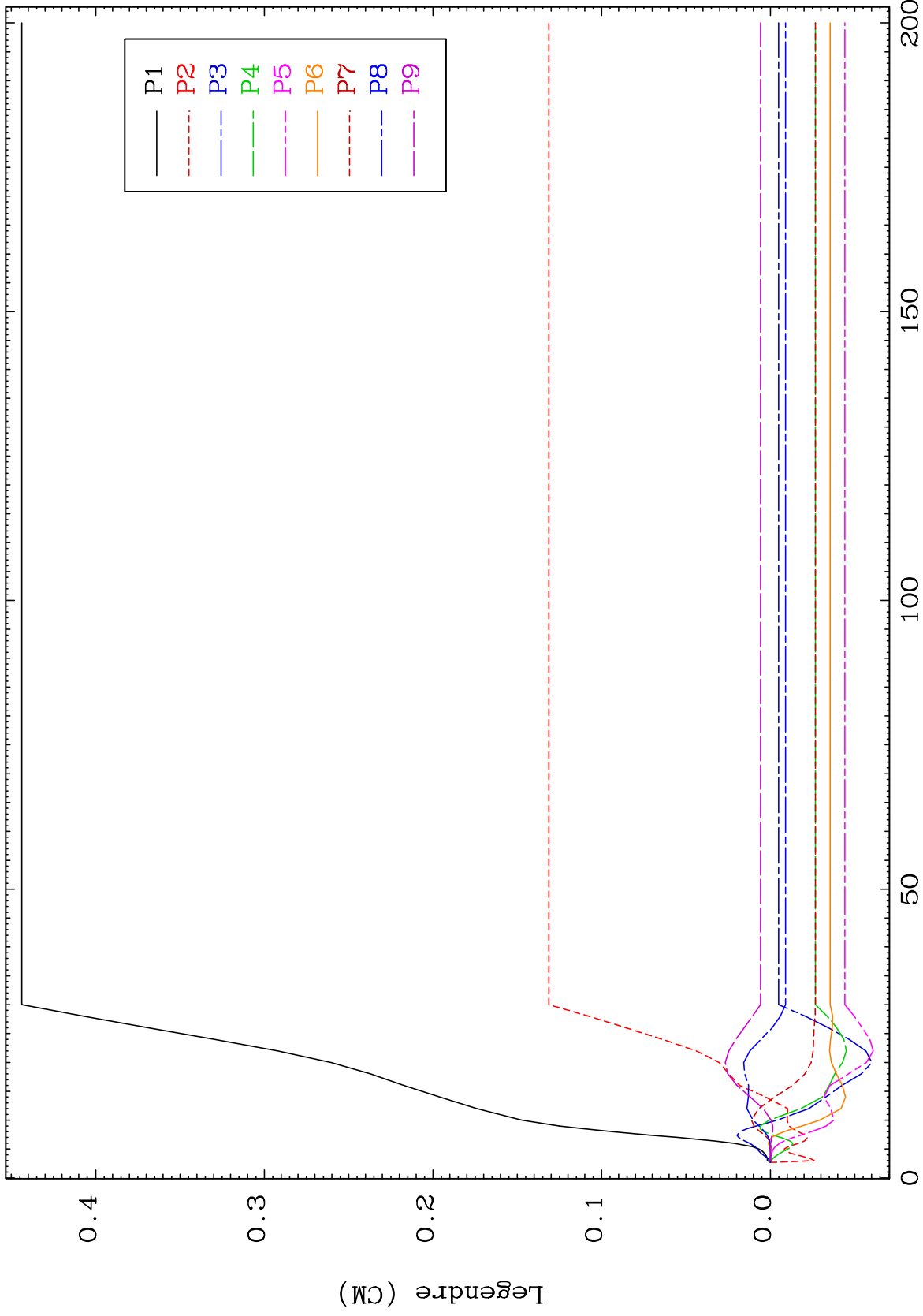




MAT 3652

2.642 MeV (n,n') Level  
Legendre Coefficients

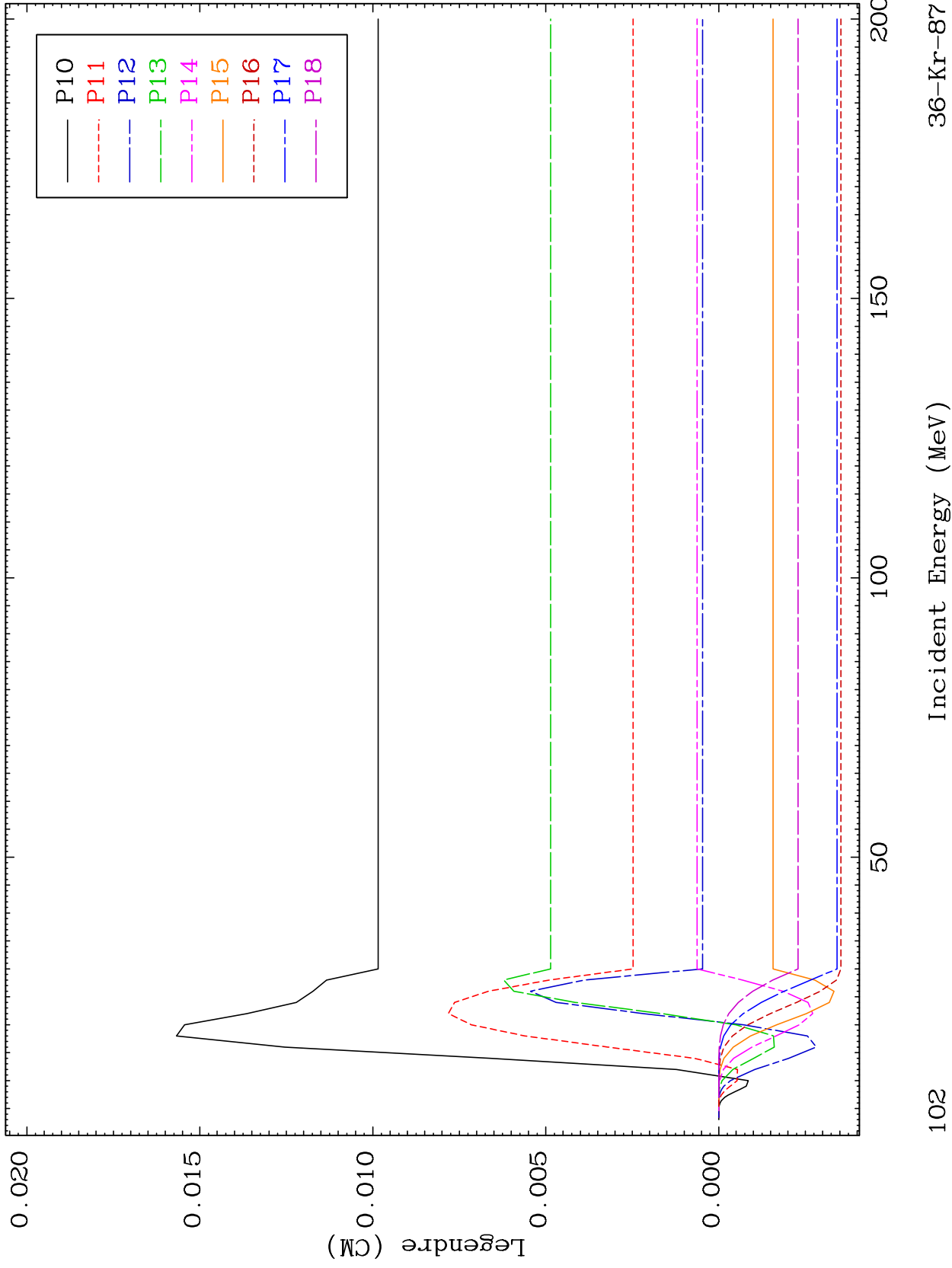
36-Kr-87

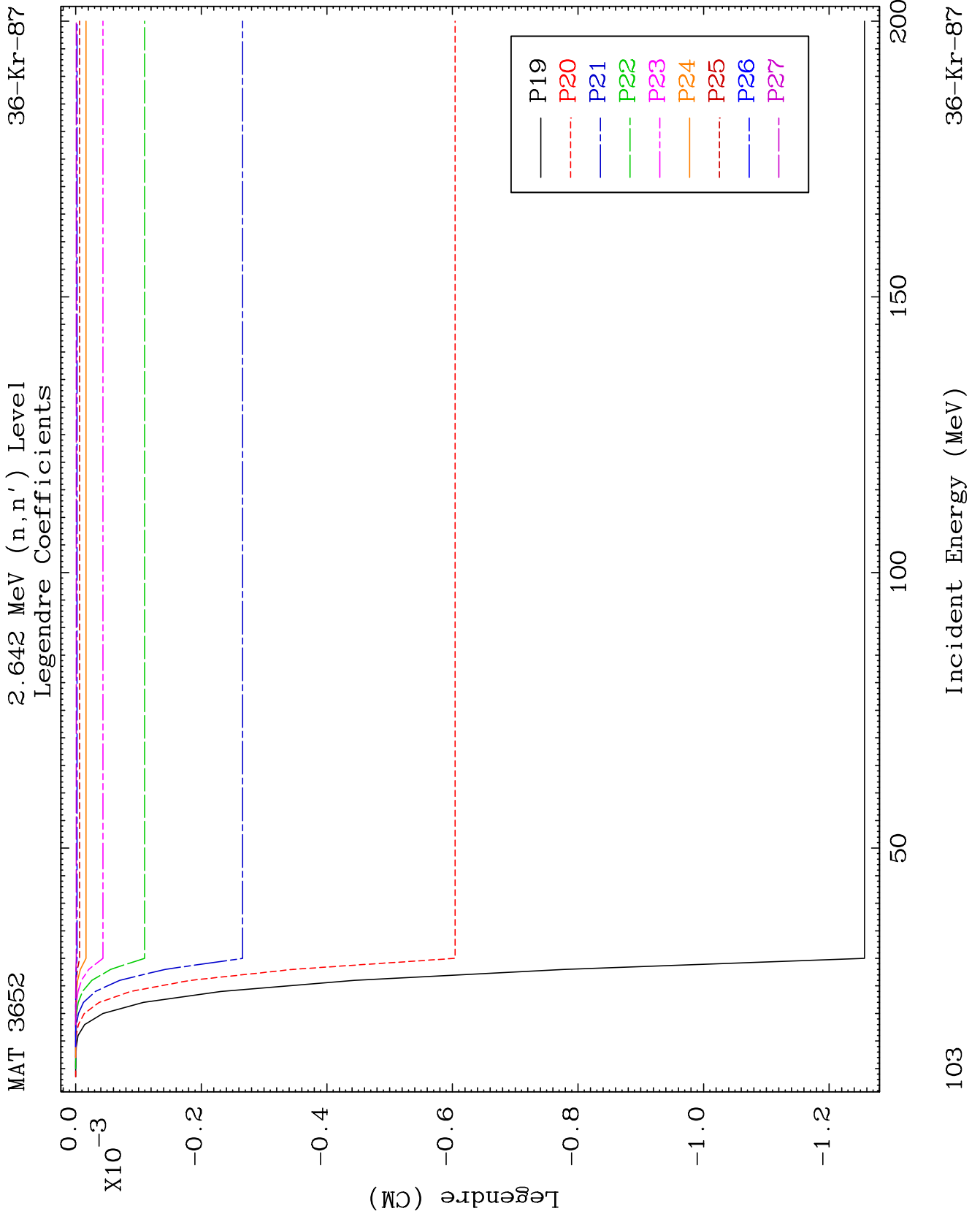


101

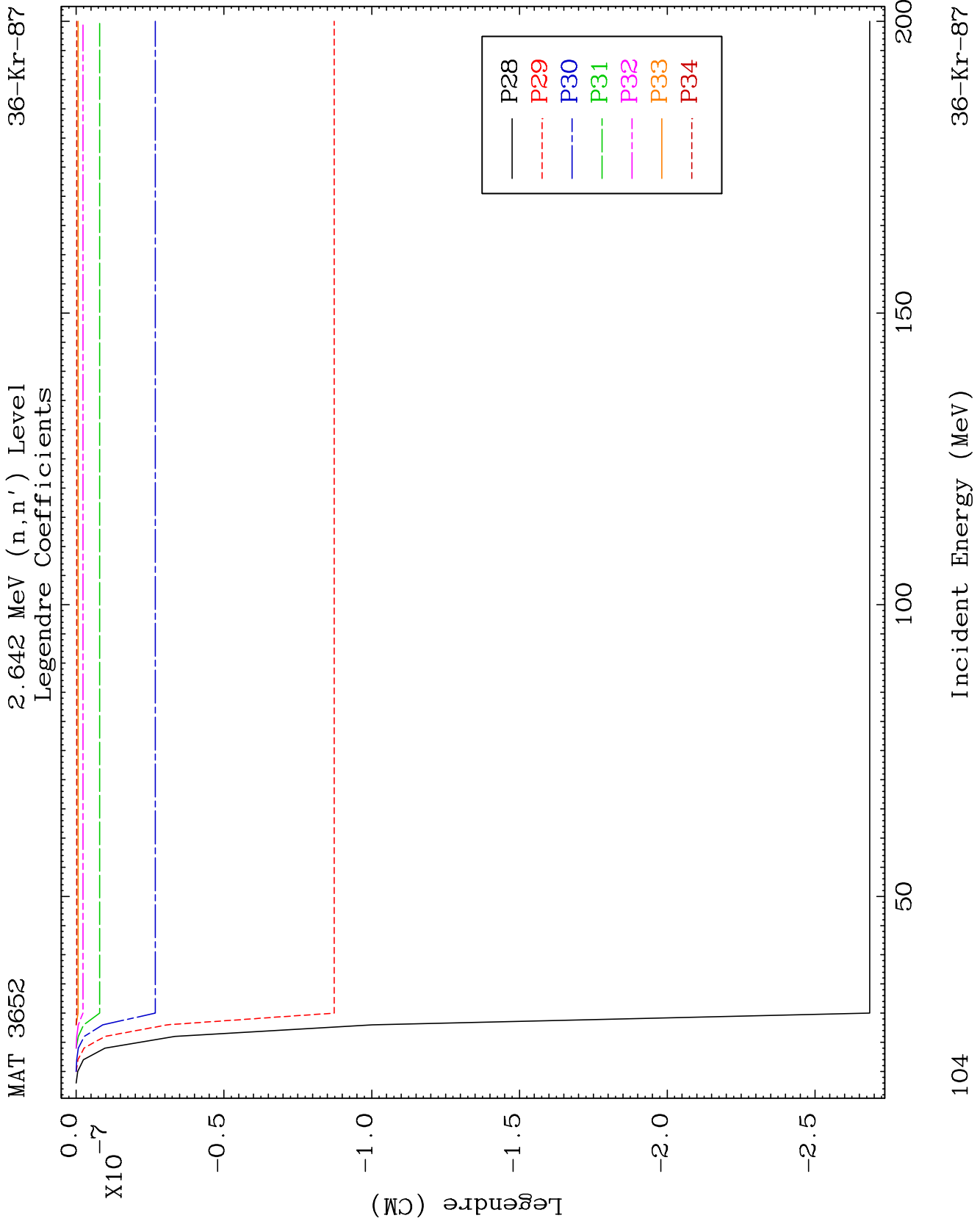
Incident Energy (MeV)

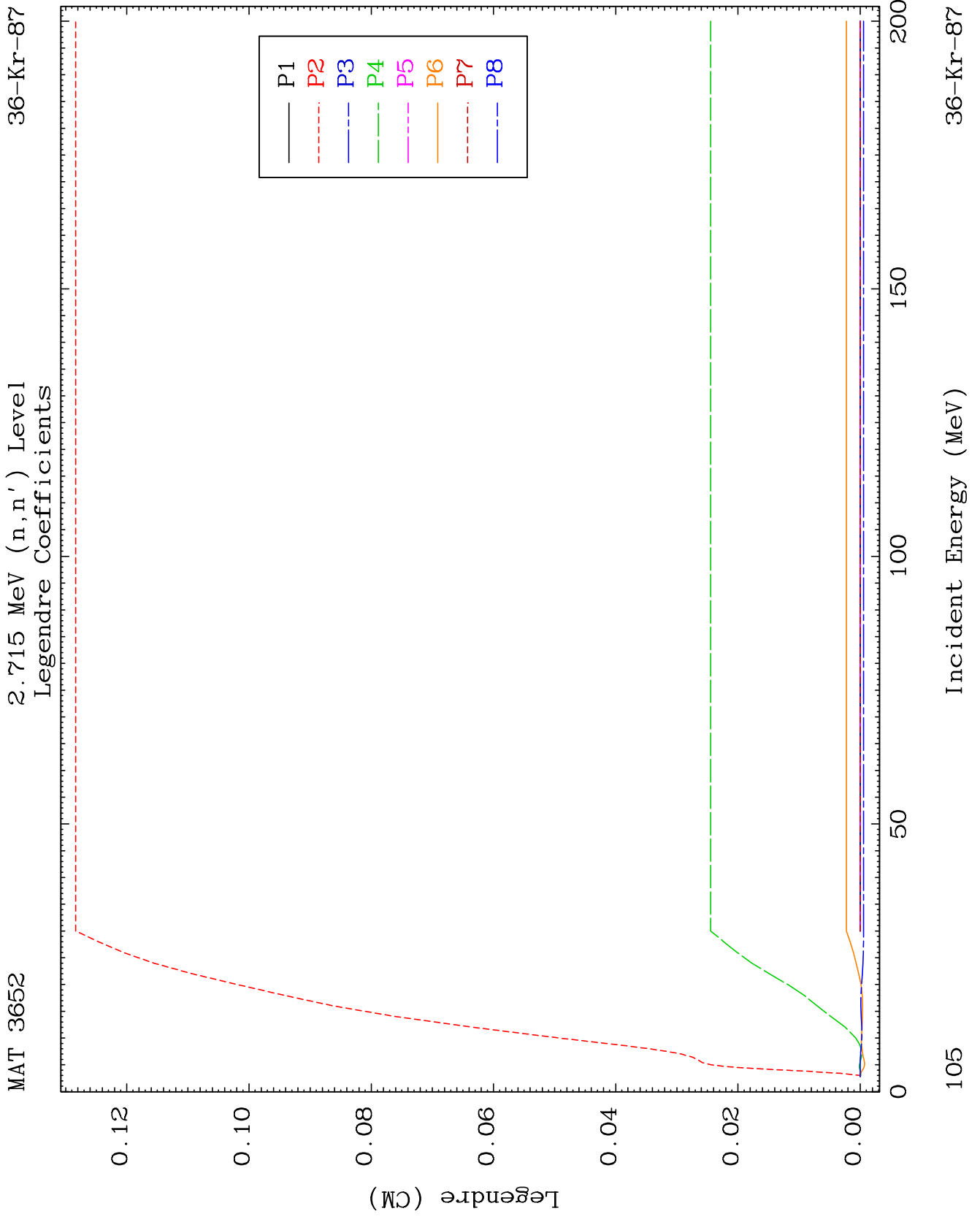
36-Kr-87

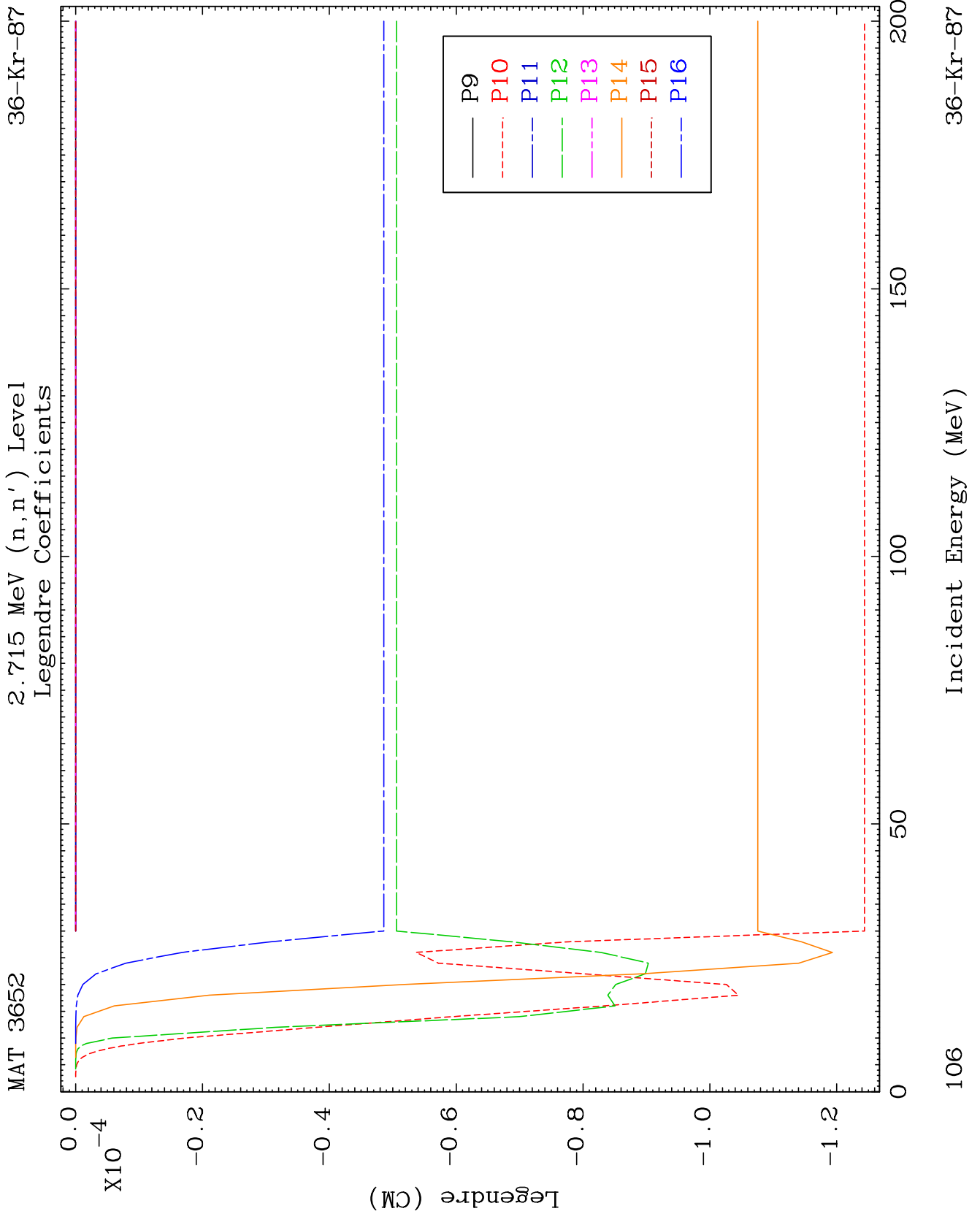


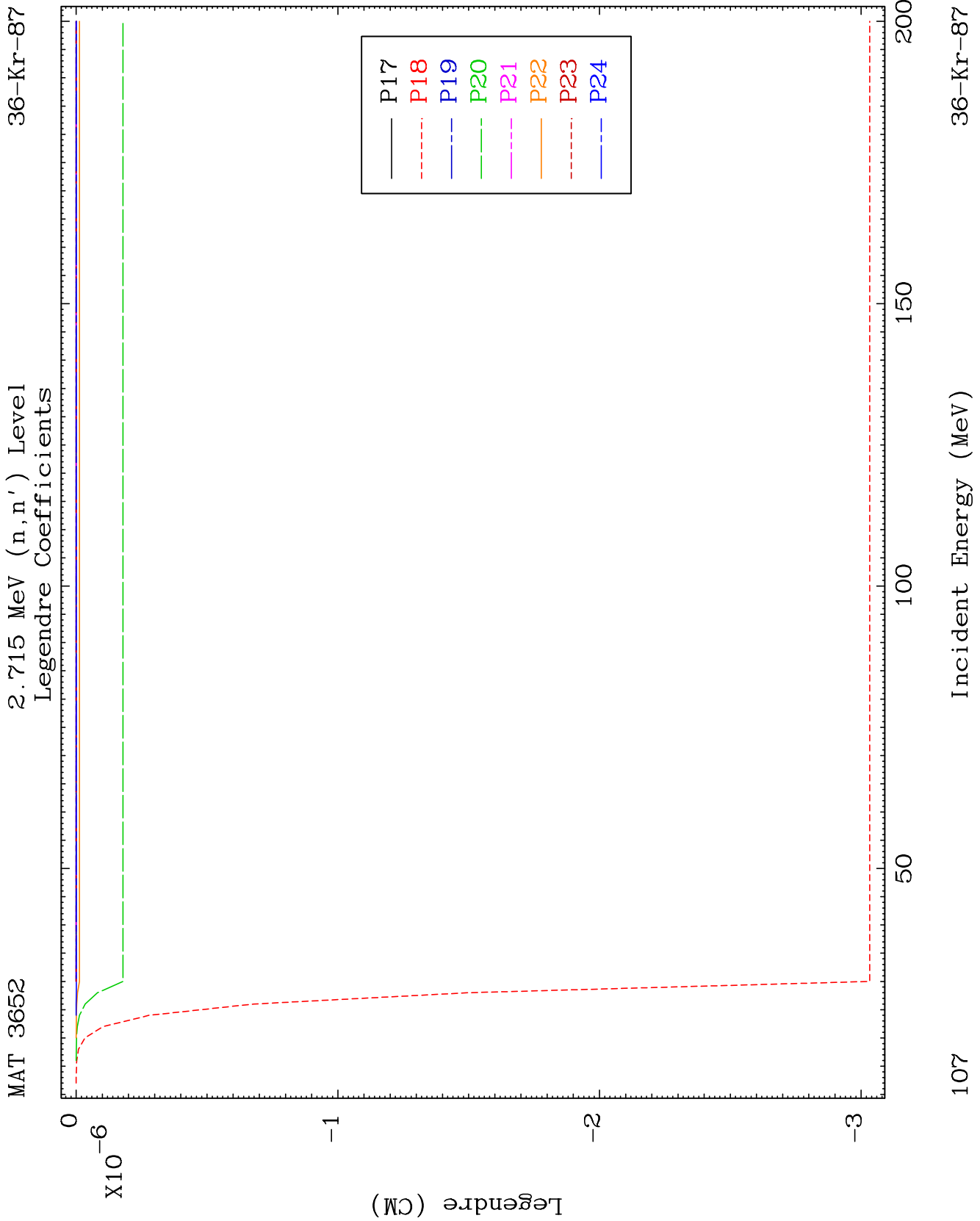








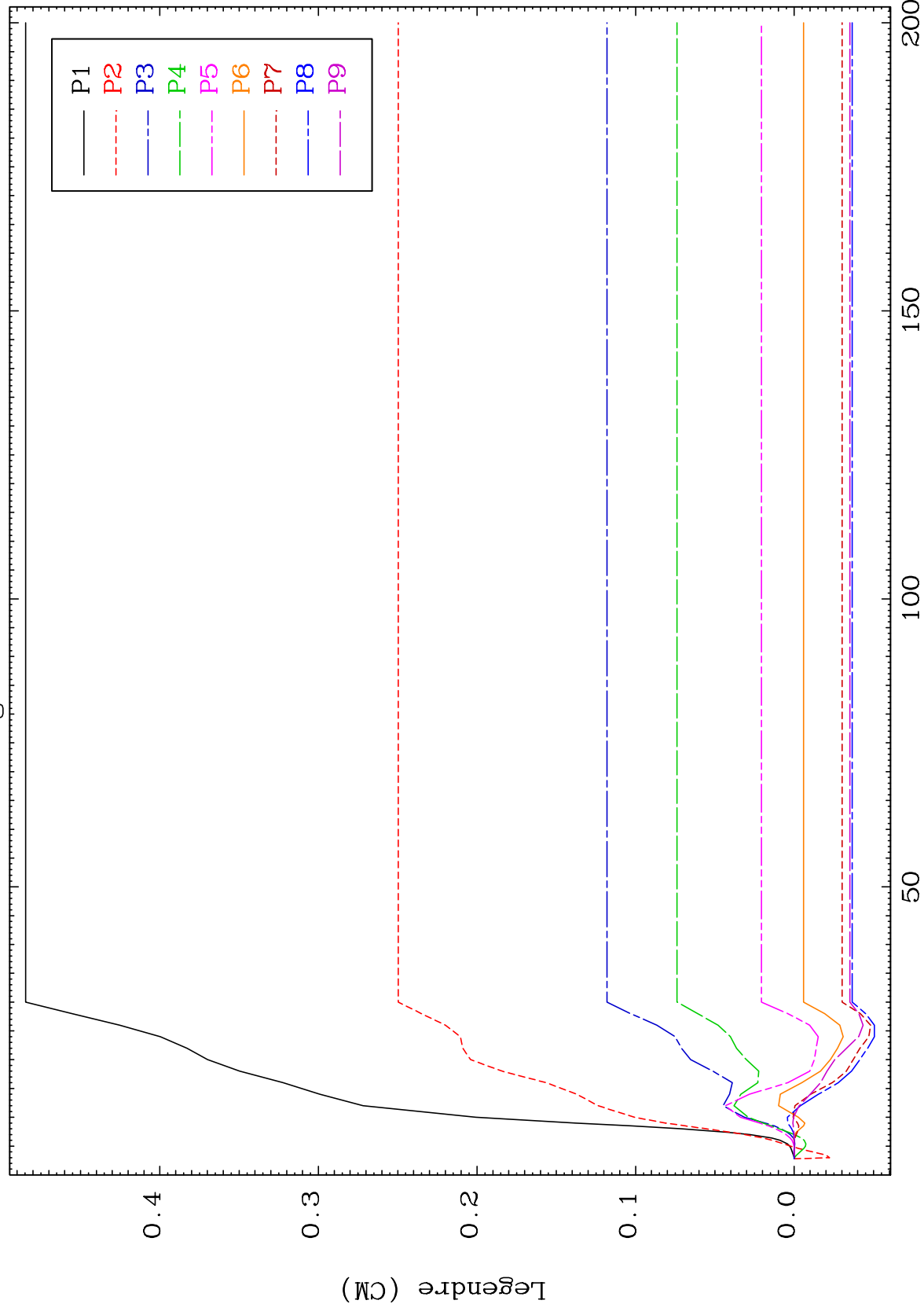




MAT 3652

2.758 MeV (n,n') Level  
Legendre Coefficients

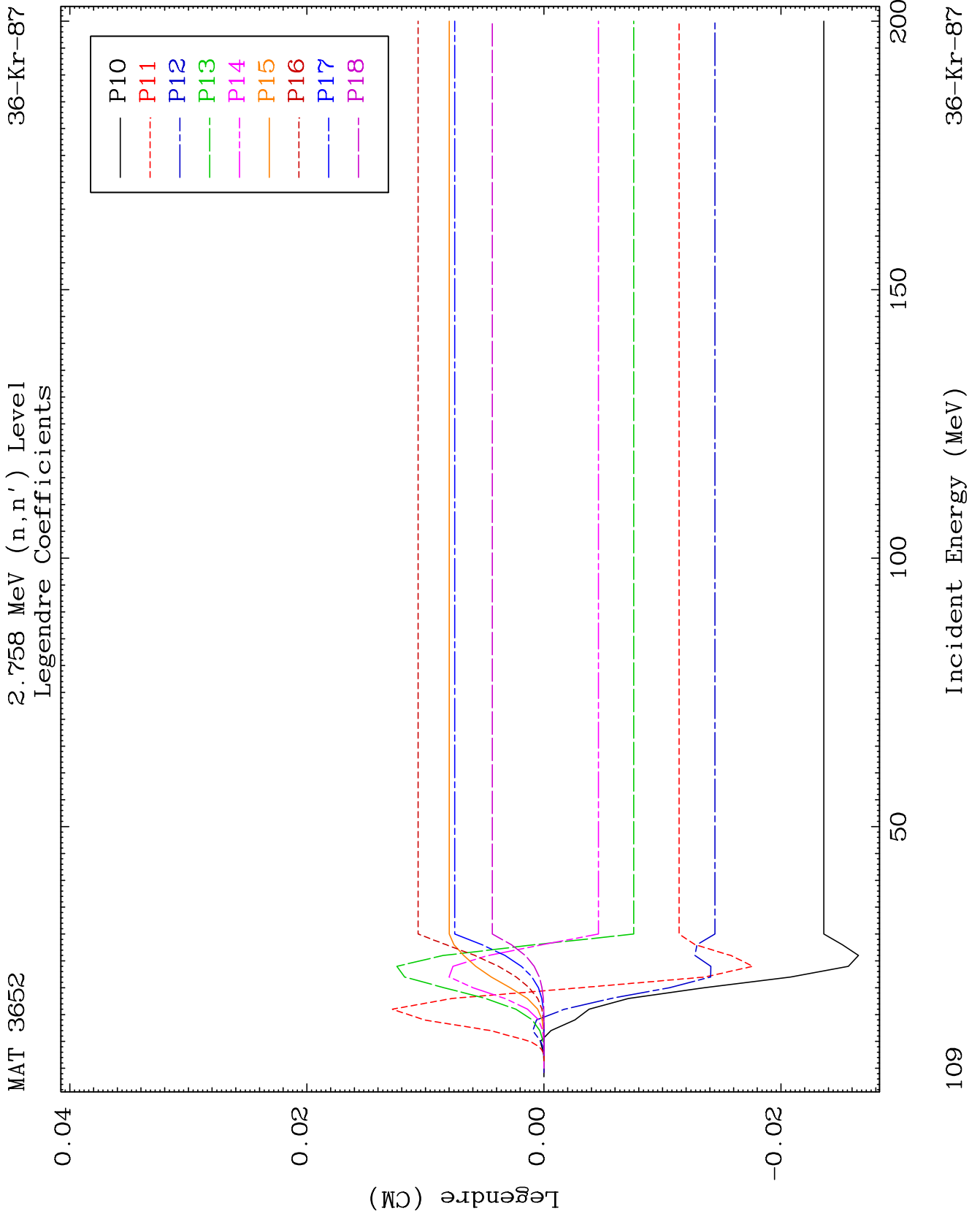
36-Kr-87

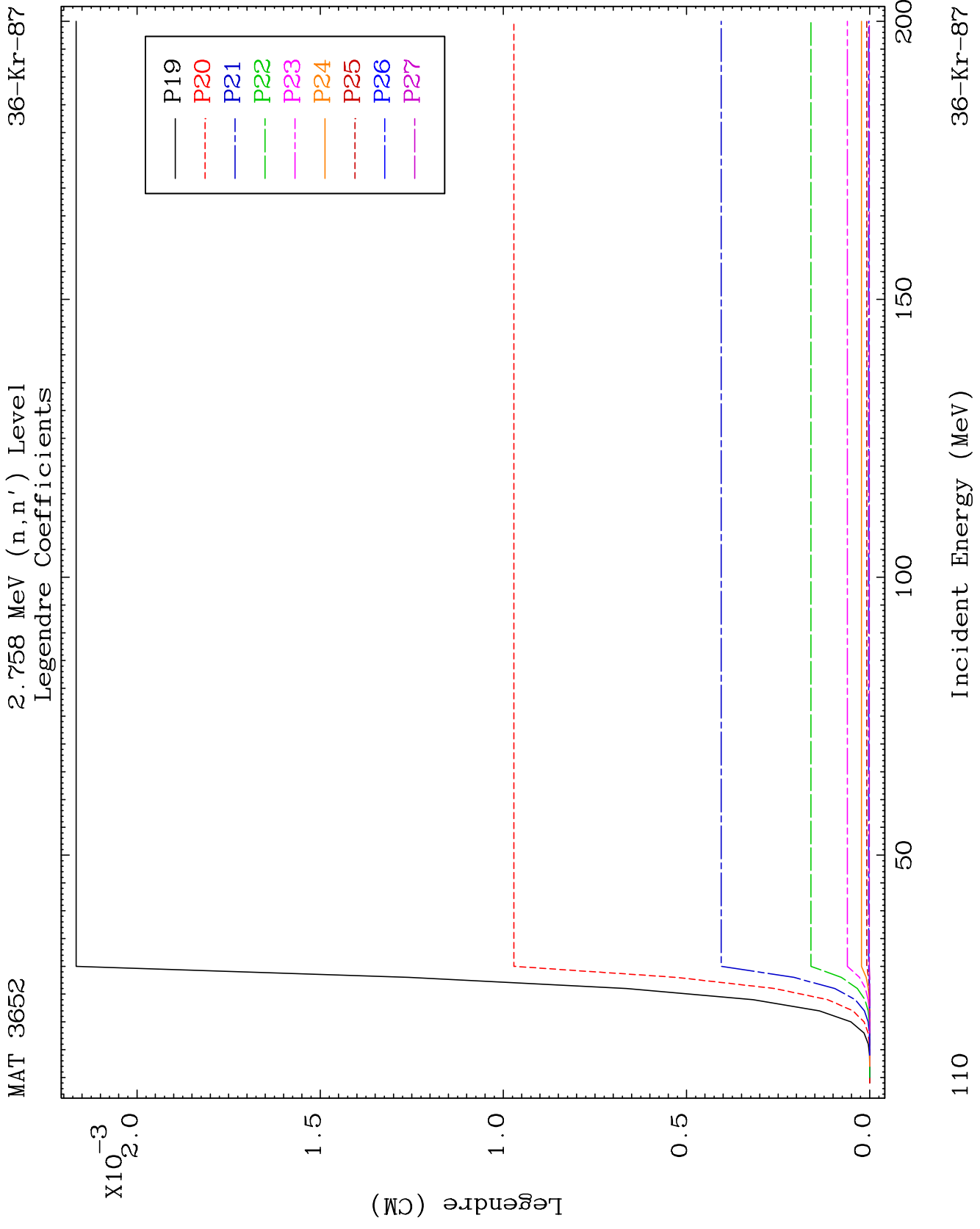


108

Incident Energy (MeV)

36-Kr-87

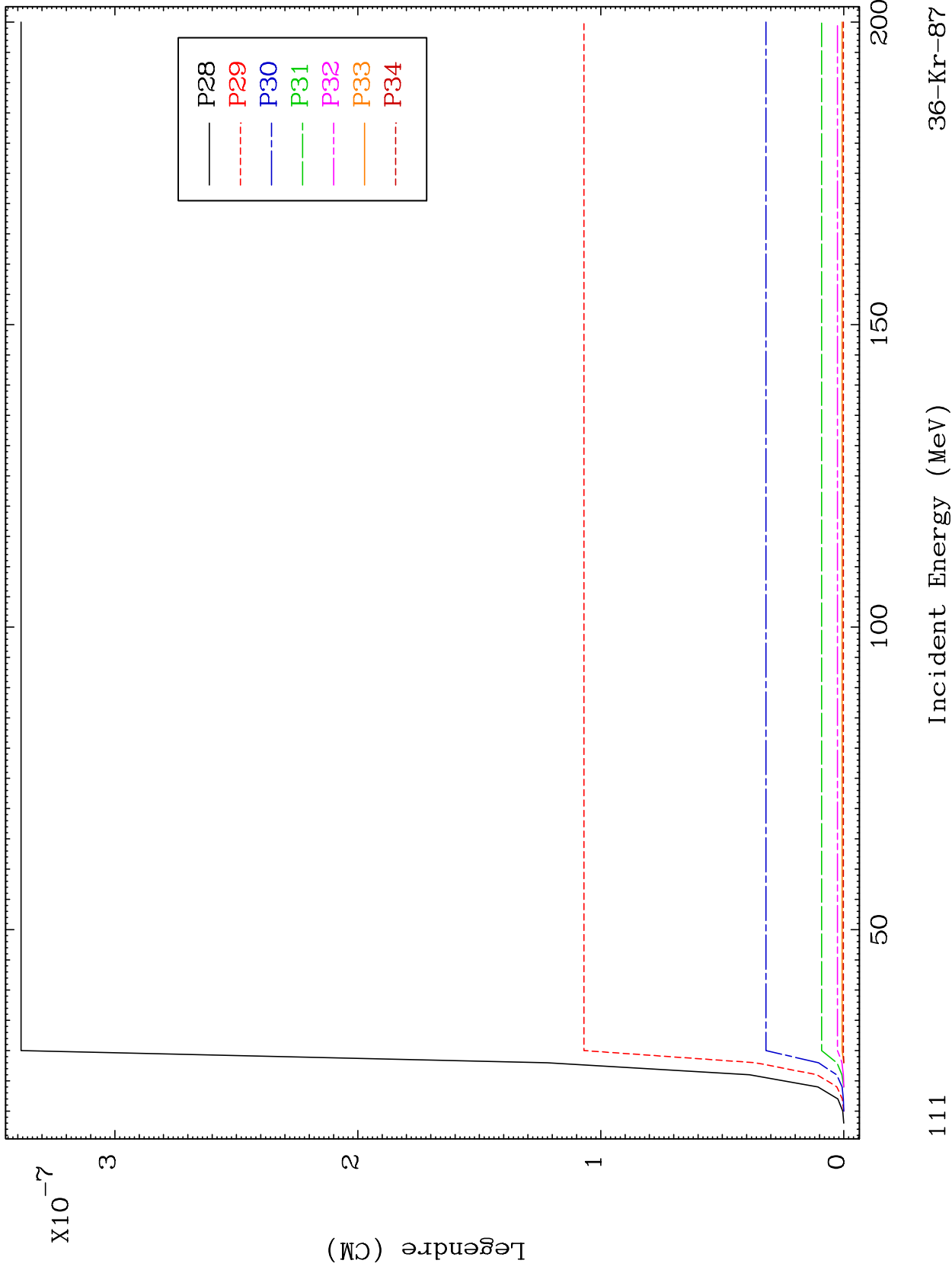




MAT 3652

2.758 MeV (n,n') Level  
Legendre Coefficients

36-Kr-87

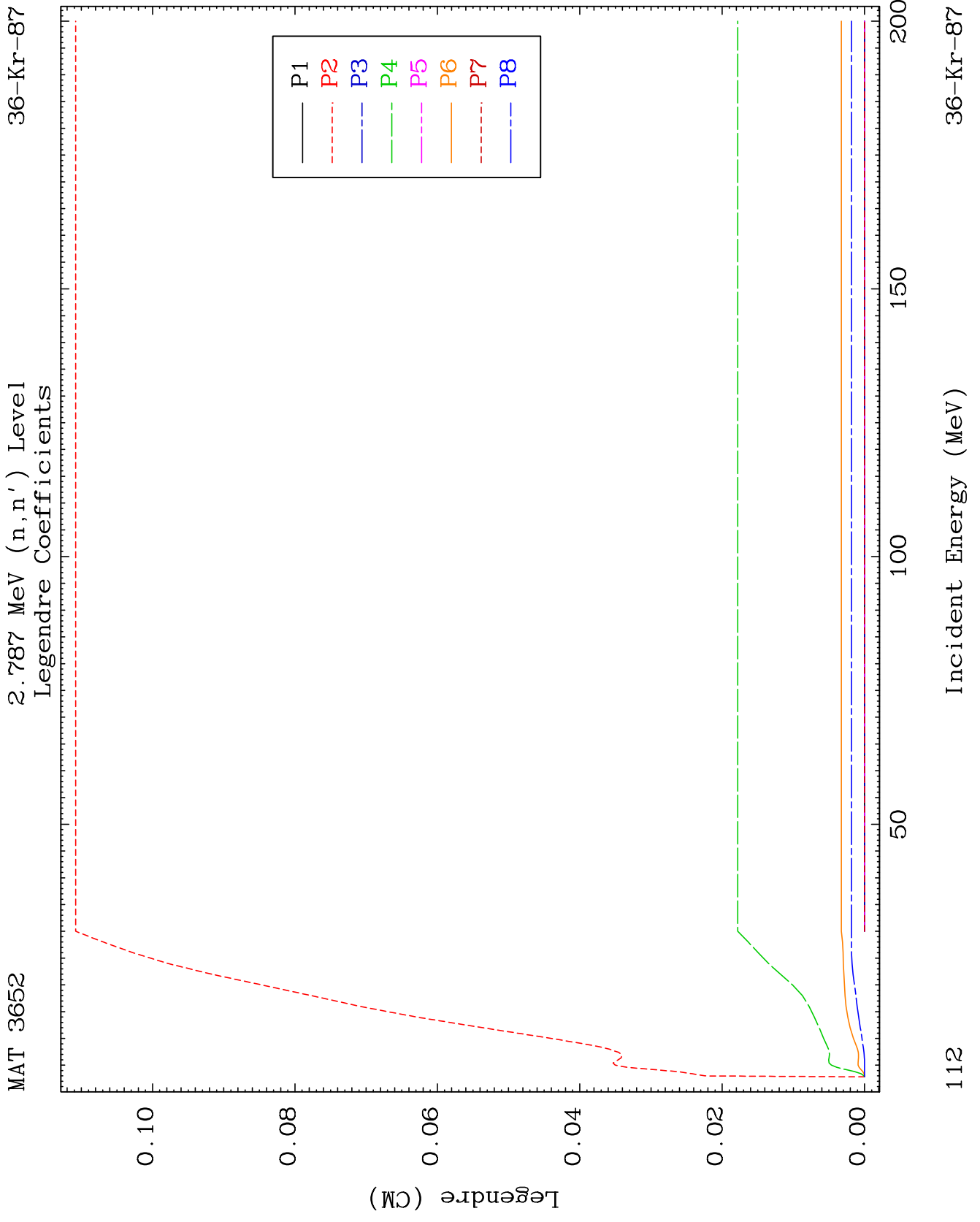


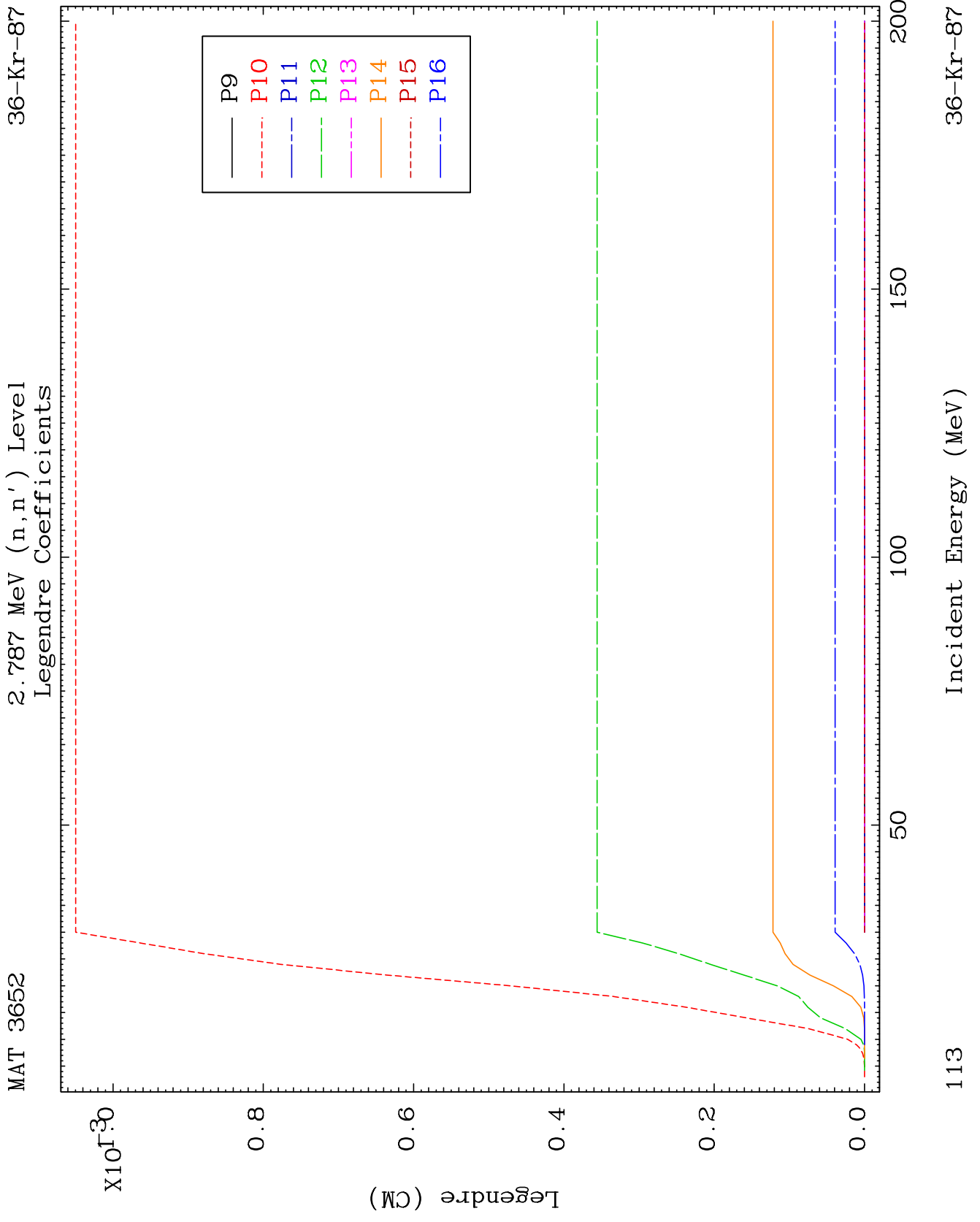
111

Incident Energy (MeV)

36-Kr-87

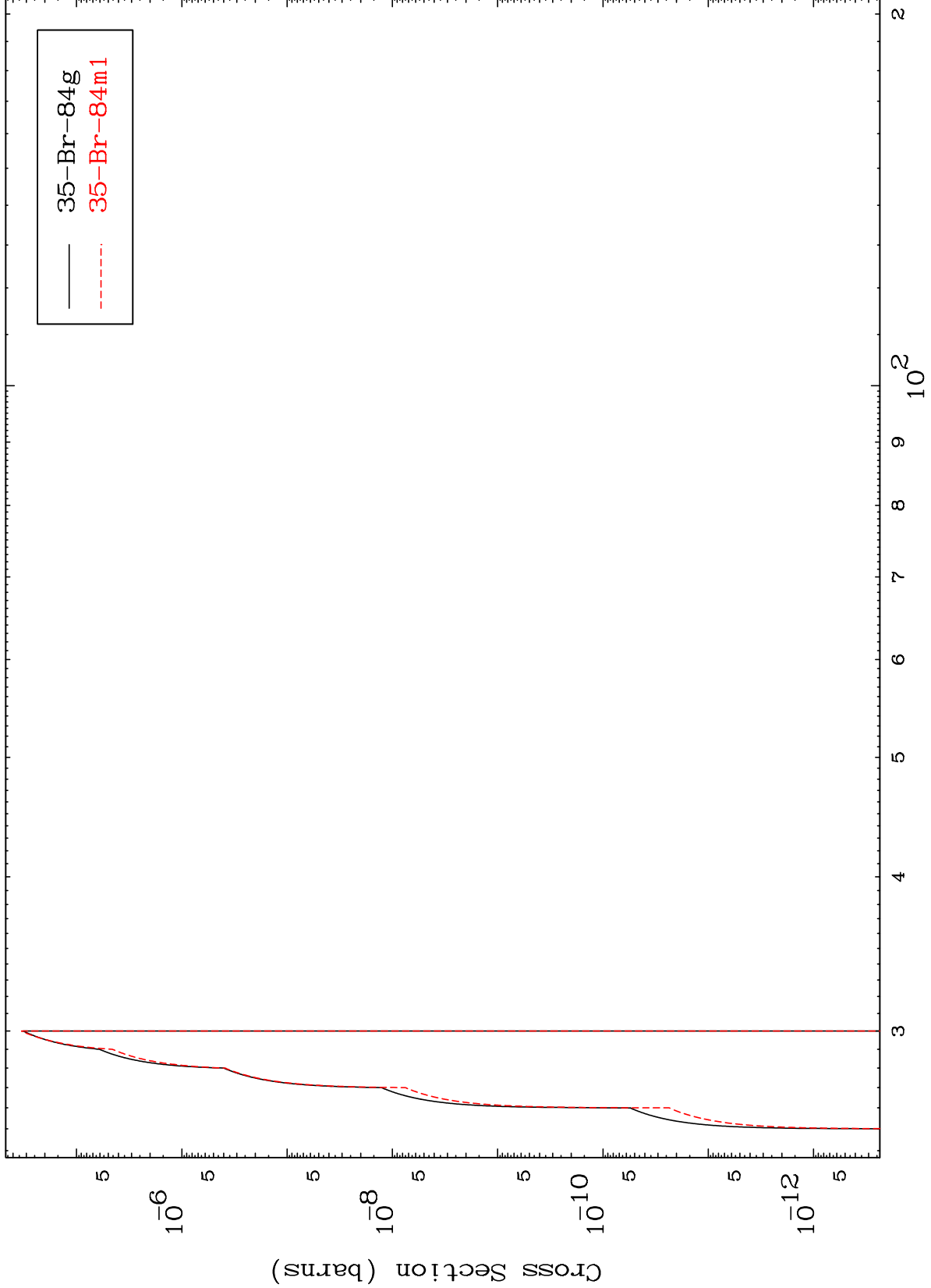








Radionuclide Production Cross Section



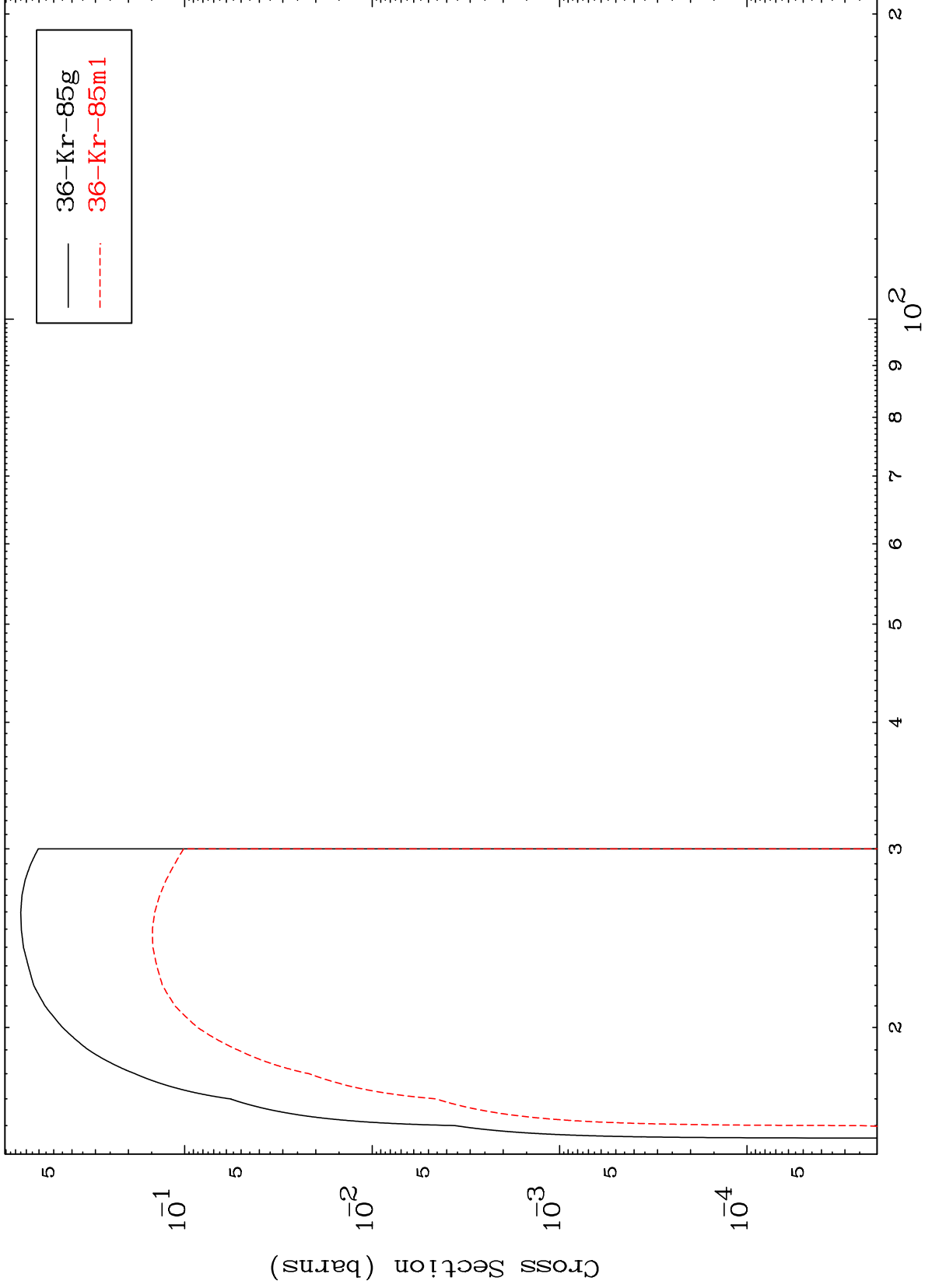
35-Br-84g  
35-Br-84m1

MAT 3652

(n,3n)

36-Kr-87

Radionuclide Production Cross Section



116

Incident Energy (MeV)

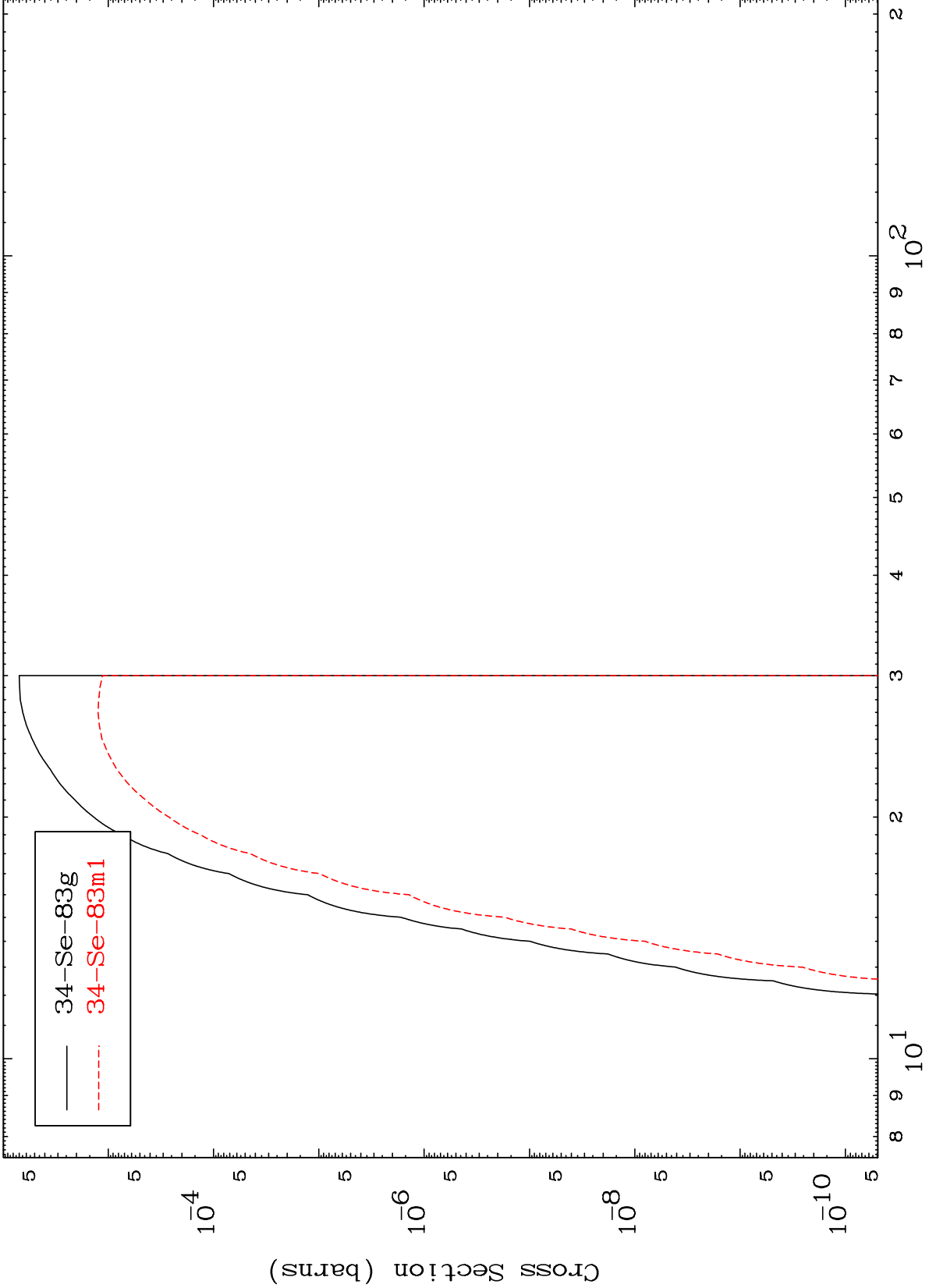
36-Kr-87

MAT 3652

$(n, n') \alpha$

36-Kr-87

Radionuclide Production Cross Section



— 34-Se-83g  
- - - 34-Se-83m1

117

Incident Energy (MeV)

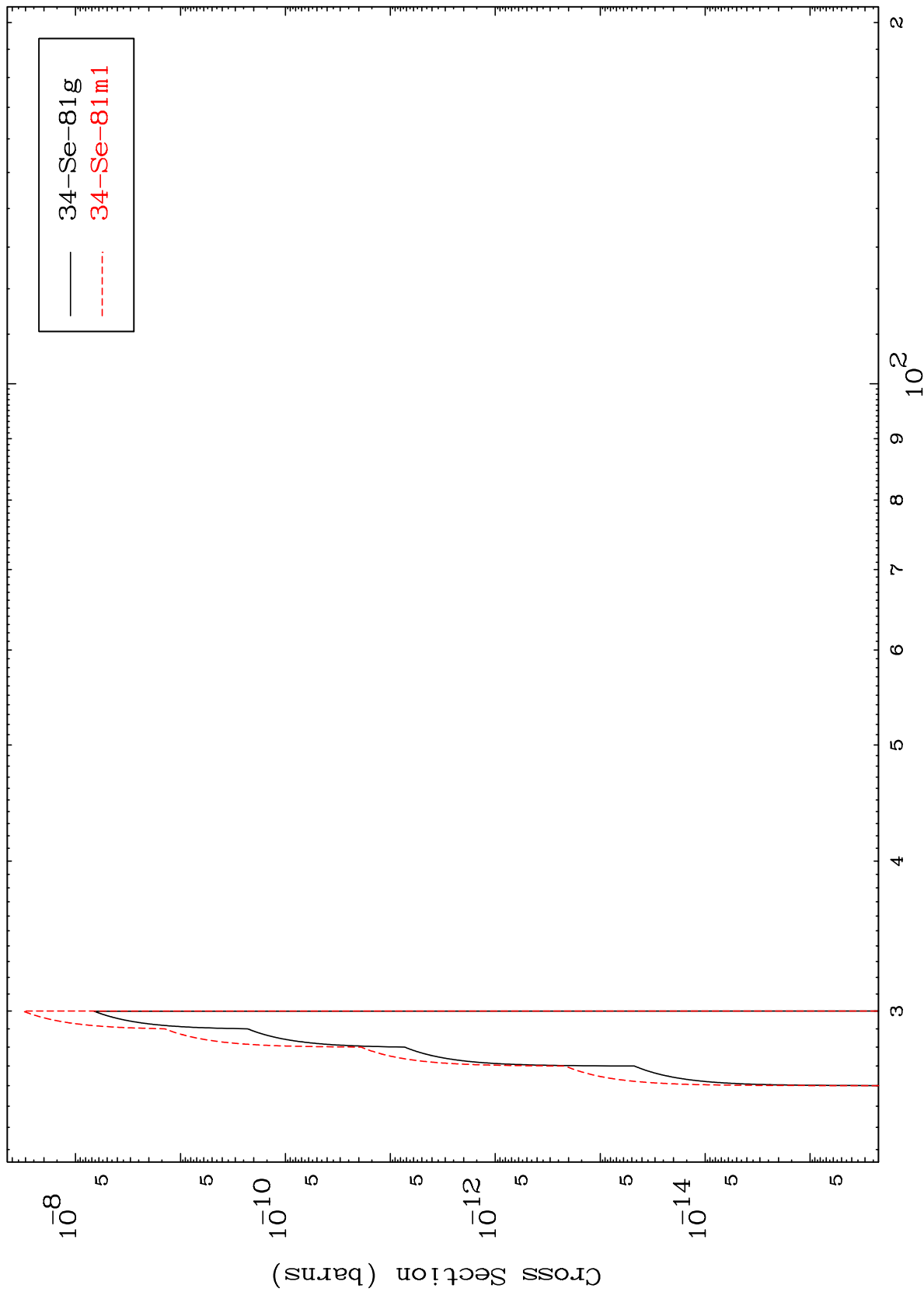
36-Kr-87

MAT 3652

(n,3n)  $\alpha$

36-Kr-87

Radionuclide Production Cross Section

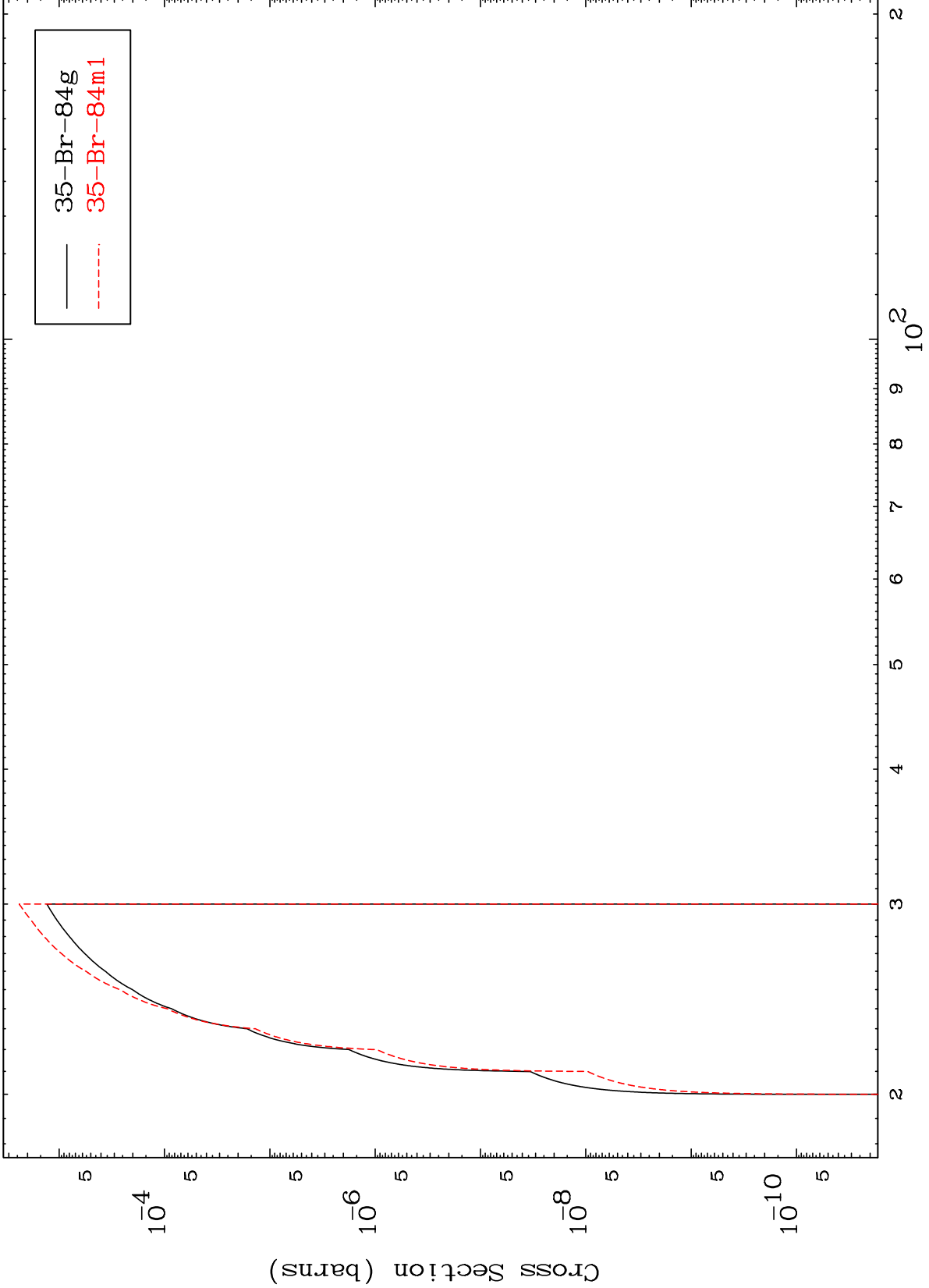


118

Incident Energy (MeV)

36-Kr-87

Radionuclide Production Cross Section



35-Br-84g  
35-Br-84m1

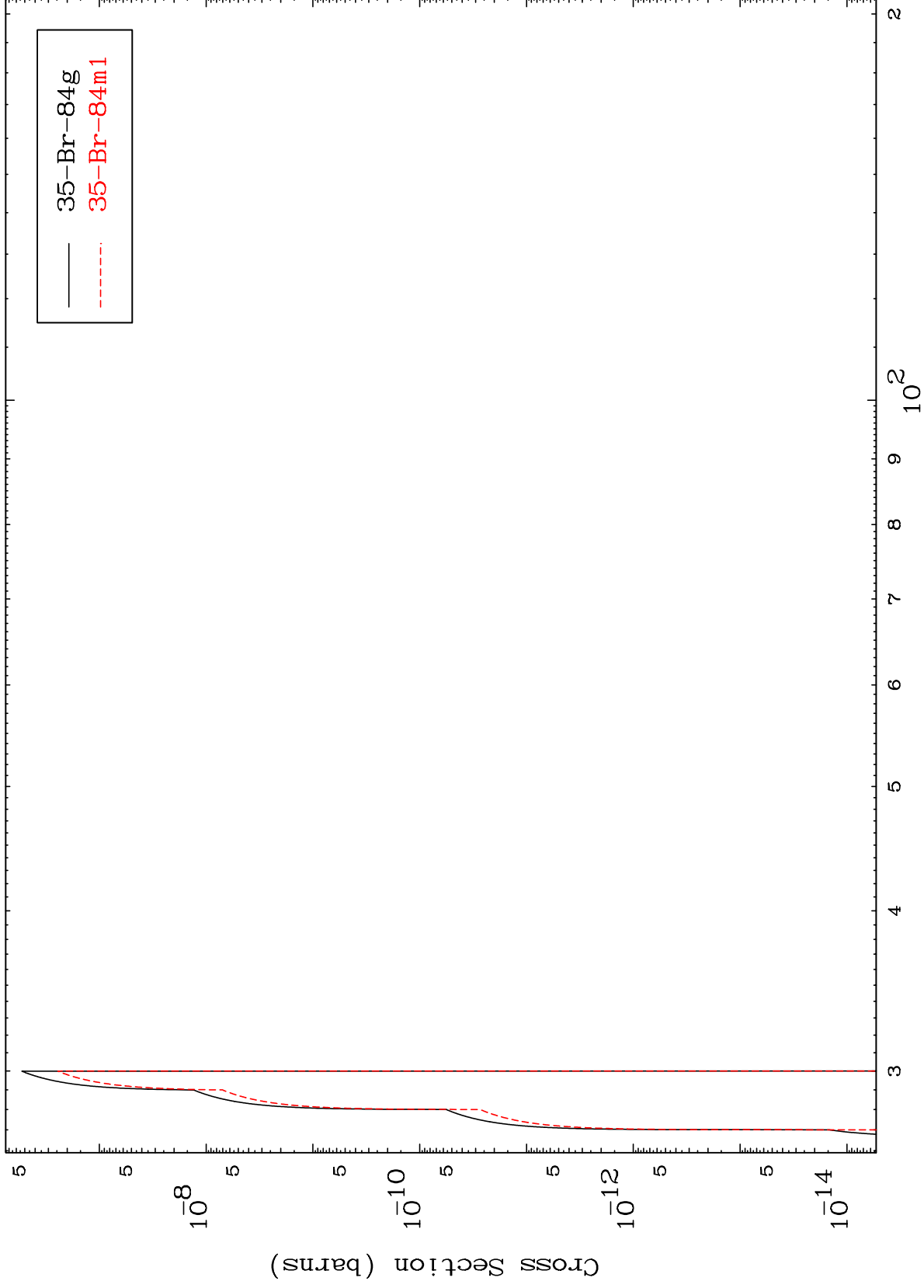


MAT 3652

(n,3n) p

36-Kr-87

Radionuclide Production Cross Section



120

Incident Energy (MeV)

36-Kr-87