

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

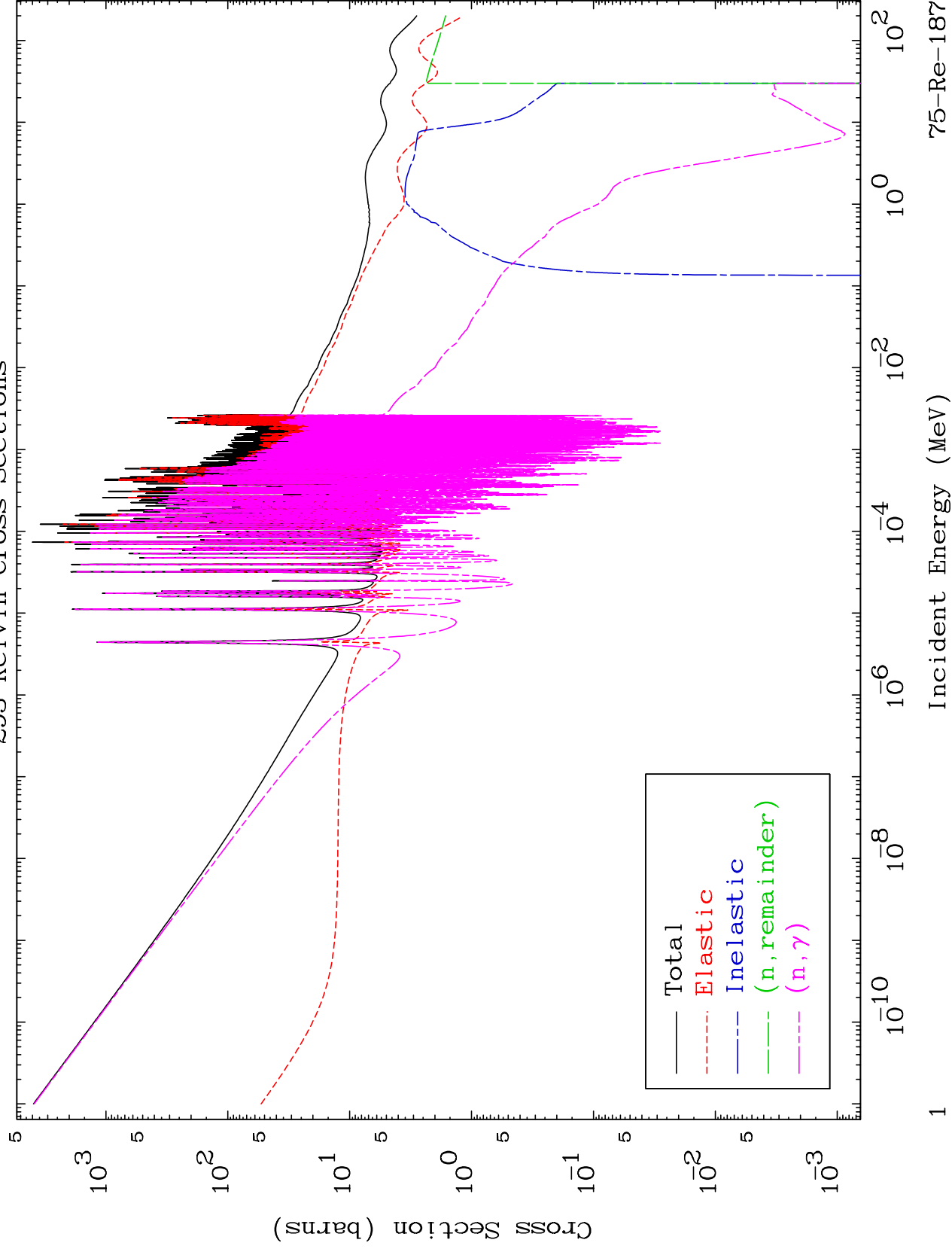
Press Mouse Button to Start

MAT 7531

Major

293 Kelvin Cross Sections

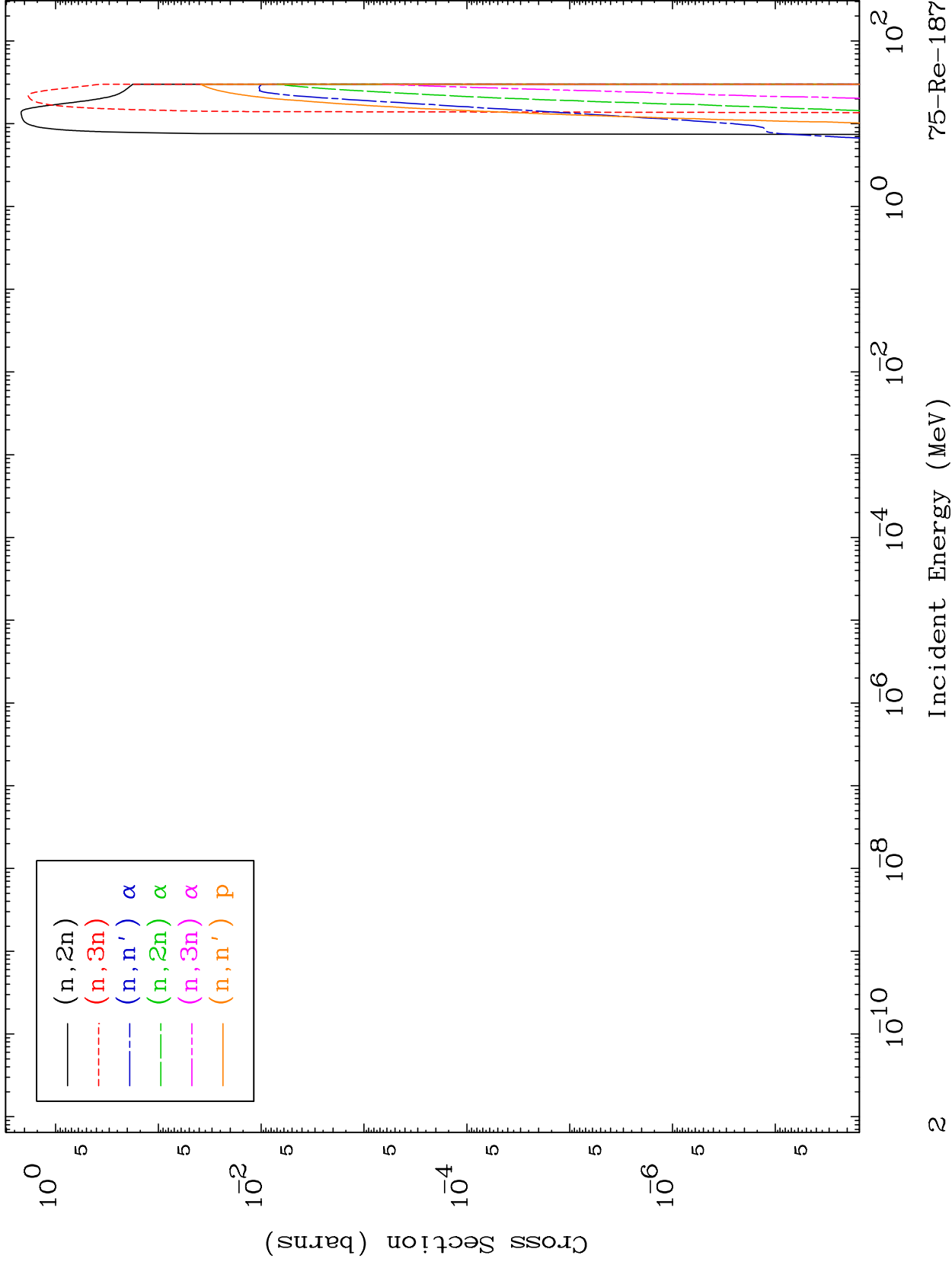
75-Re-187

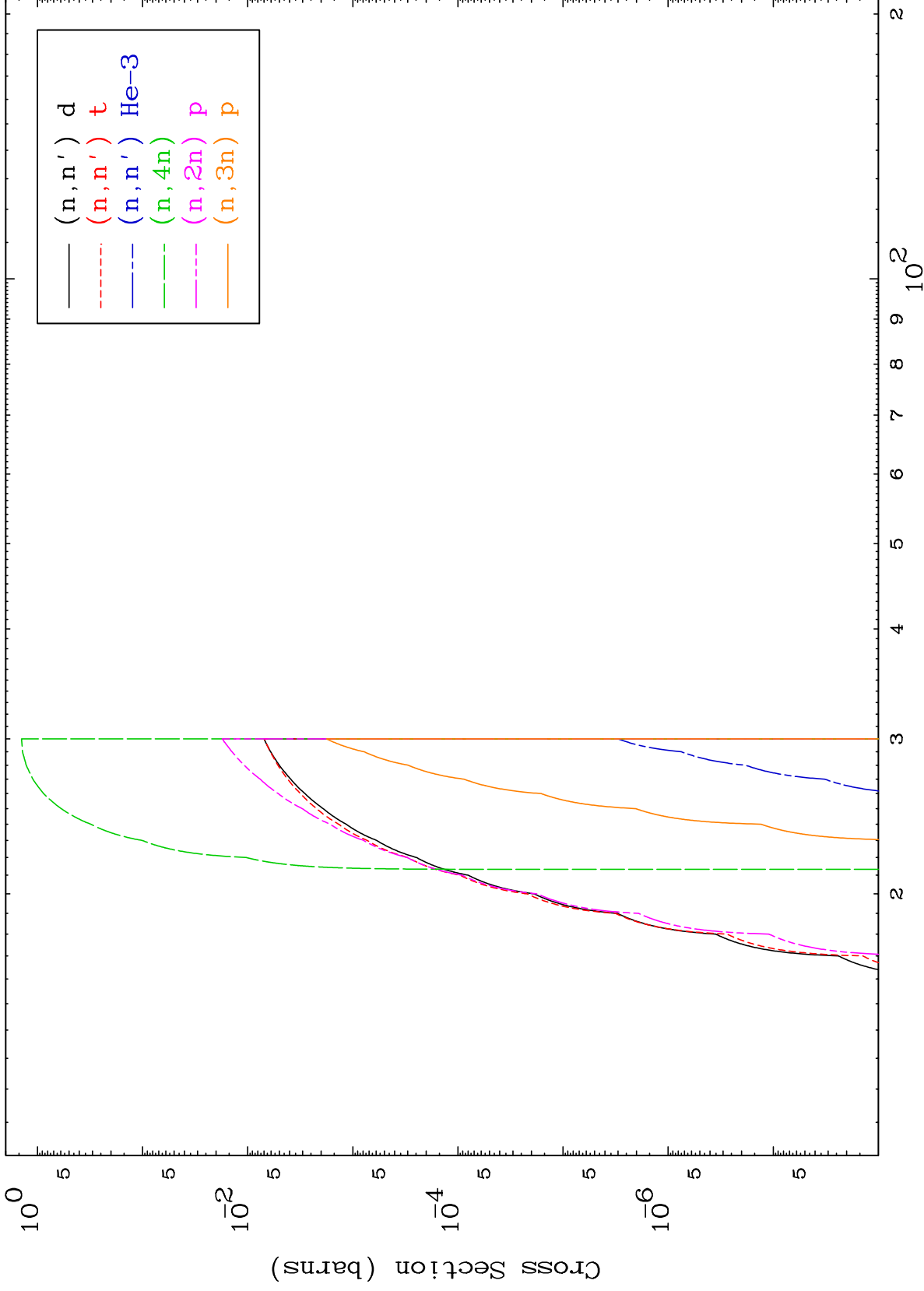


MAT 7531

Neutron Production  
293 Kelvin Cross Sections

75-Re-187

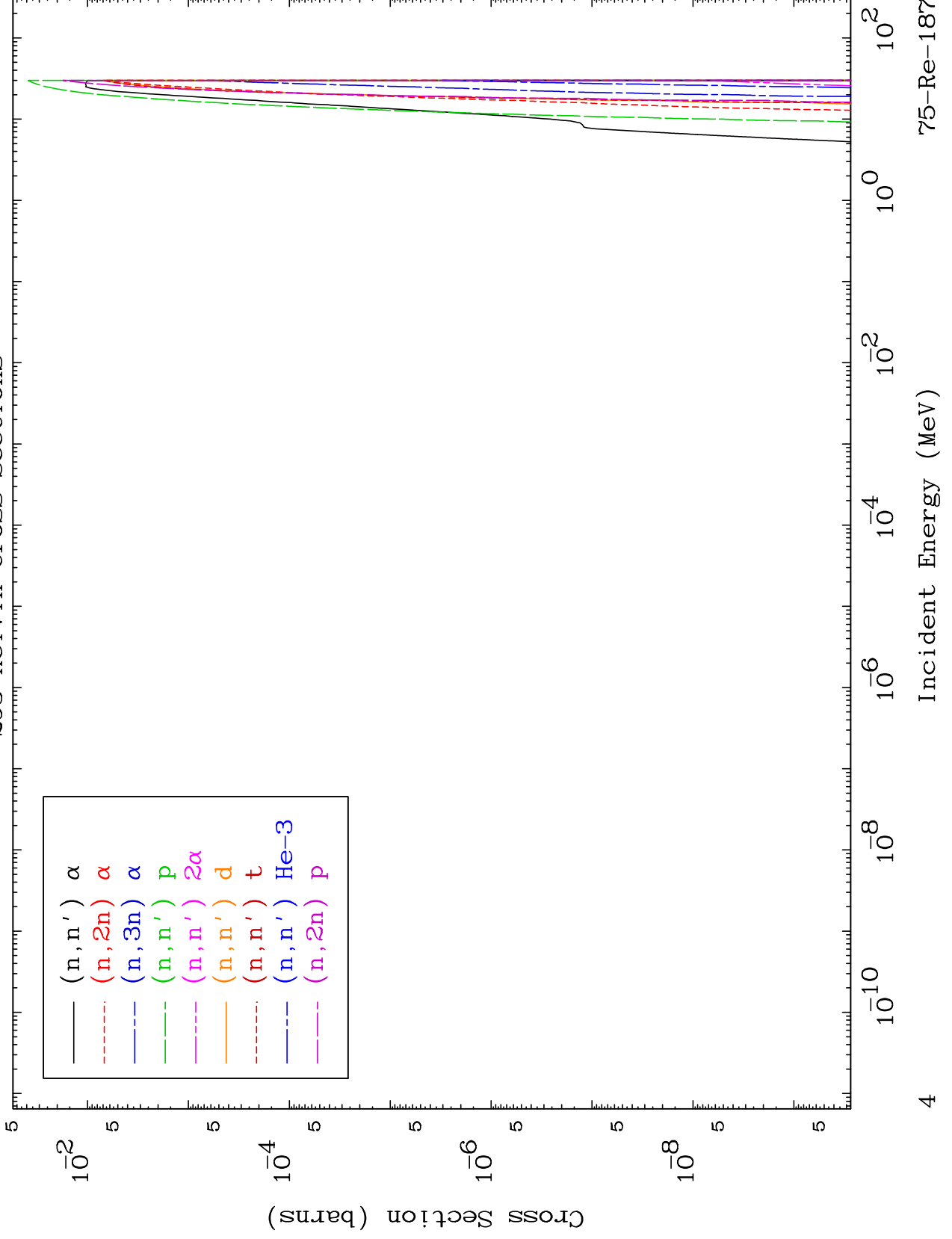




MAT 7531

Charged Particle  
293 Kelvin Cross Sections

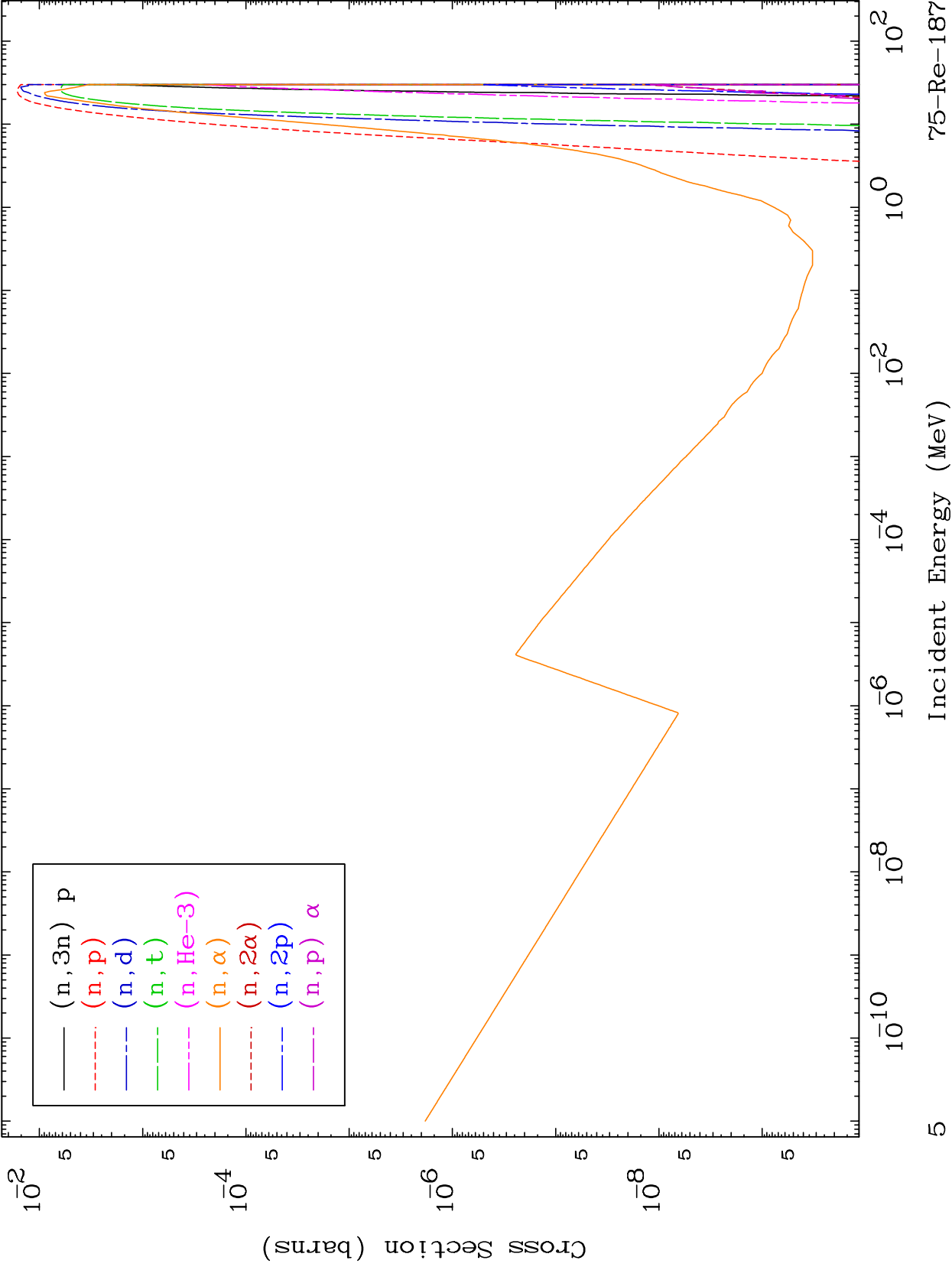
75-Re-187

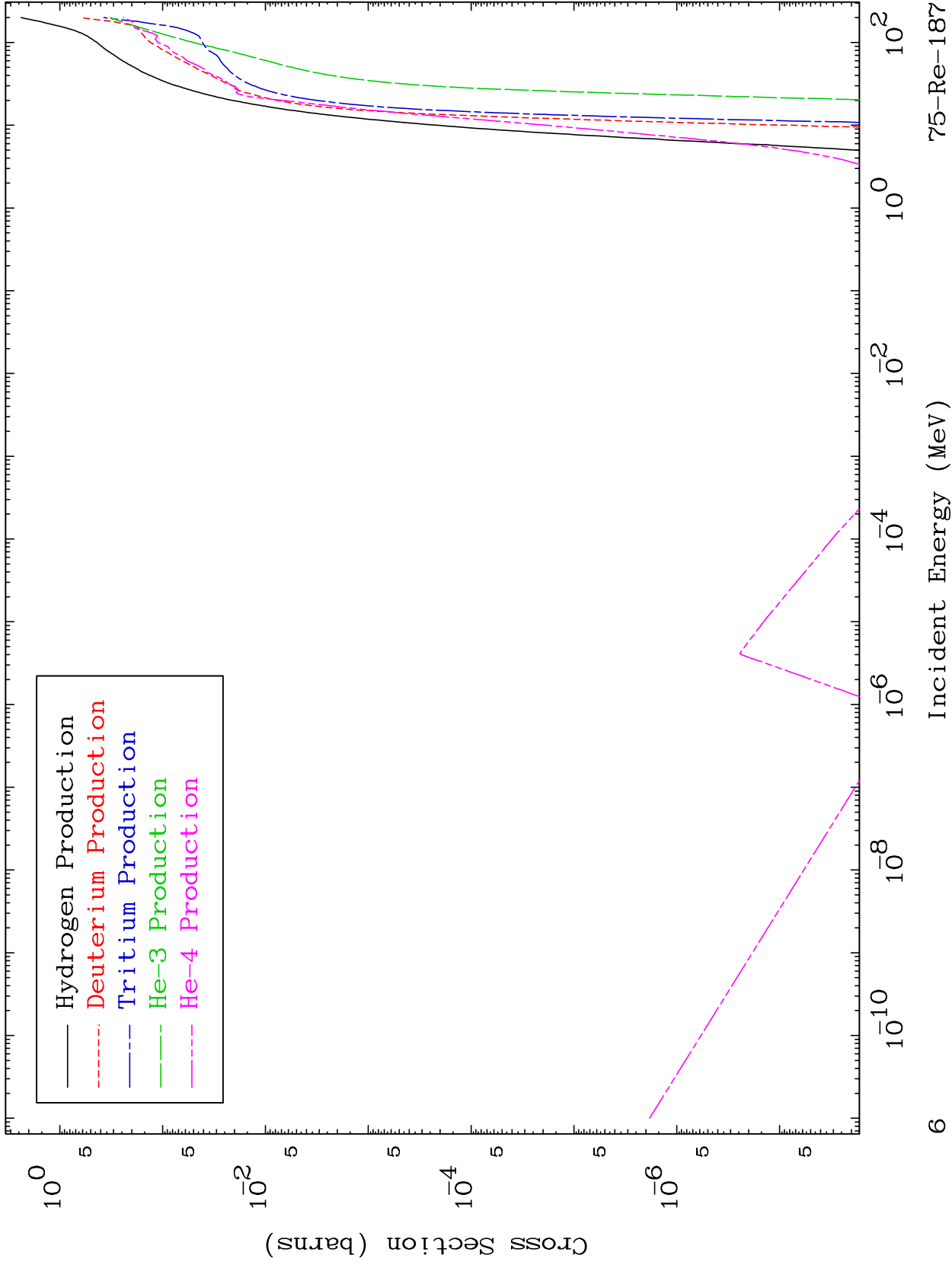


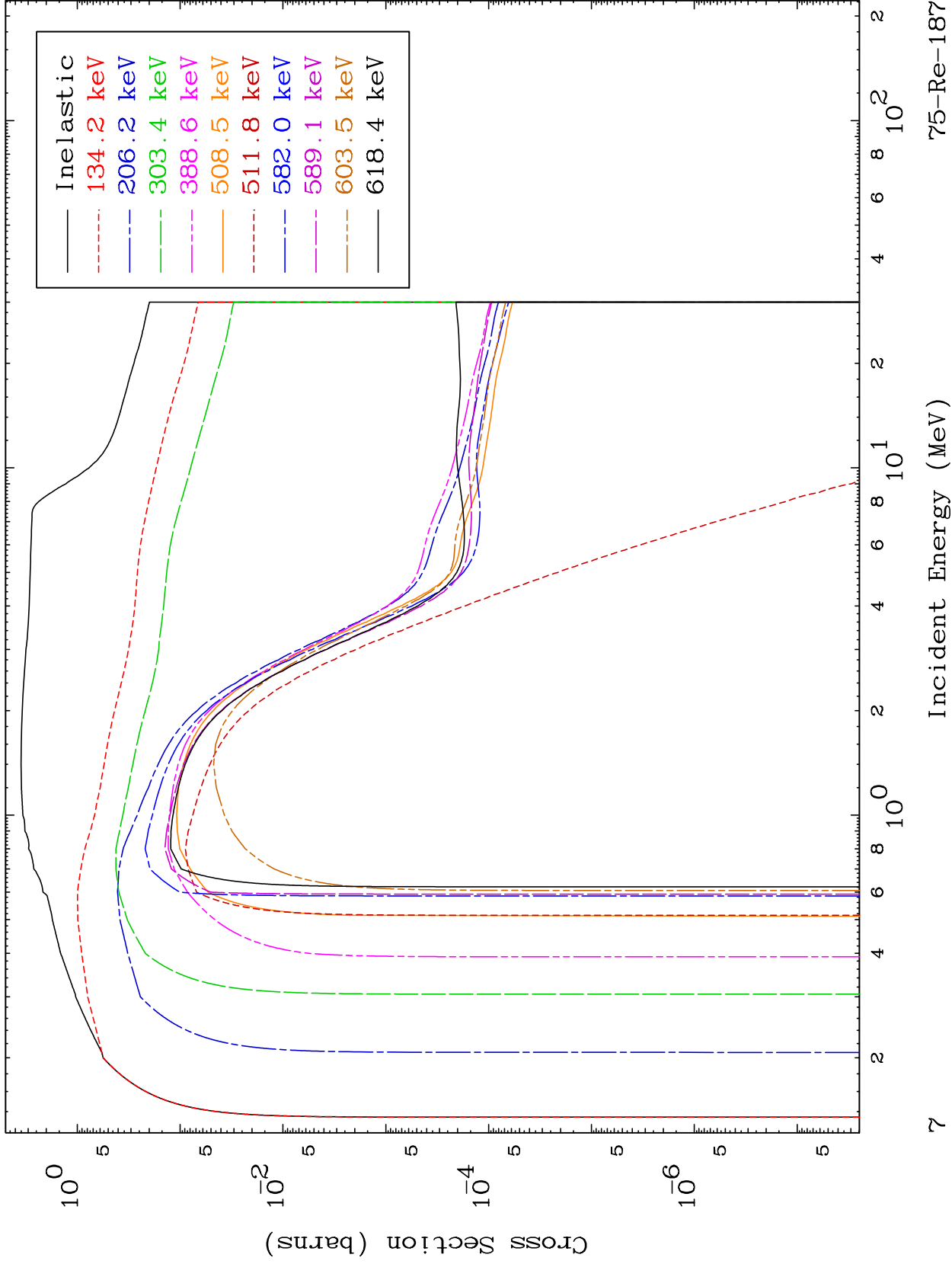
MAT 7531

Charged Particle  
293 Kelvin Cross Sections

75-Re-187





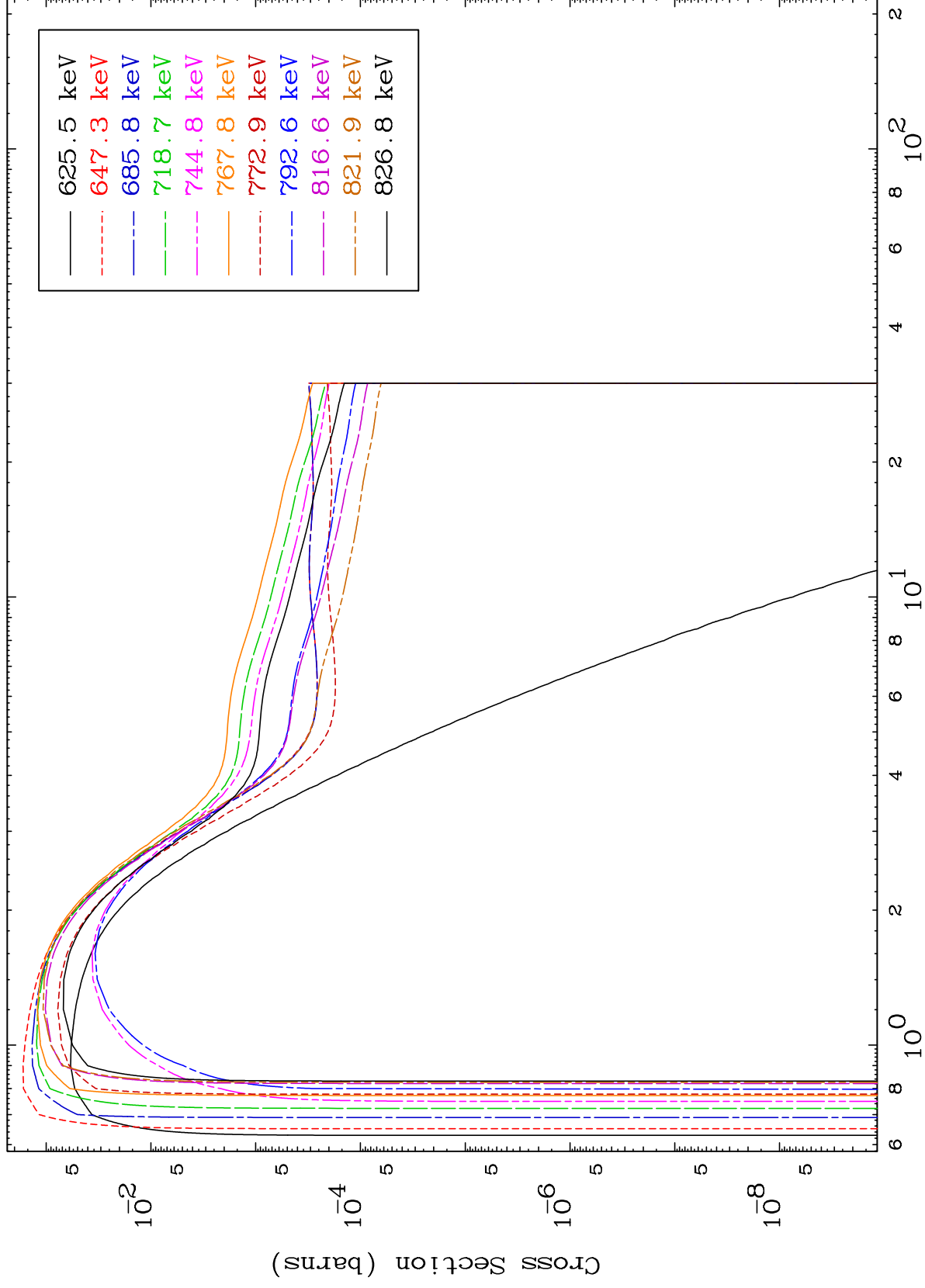




MAT 7531

(n,n') Level  
293 Kelvin Cross Sections

75-Re-187



Incident Energy (MeV)

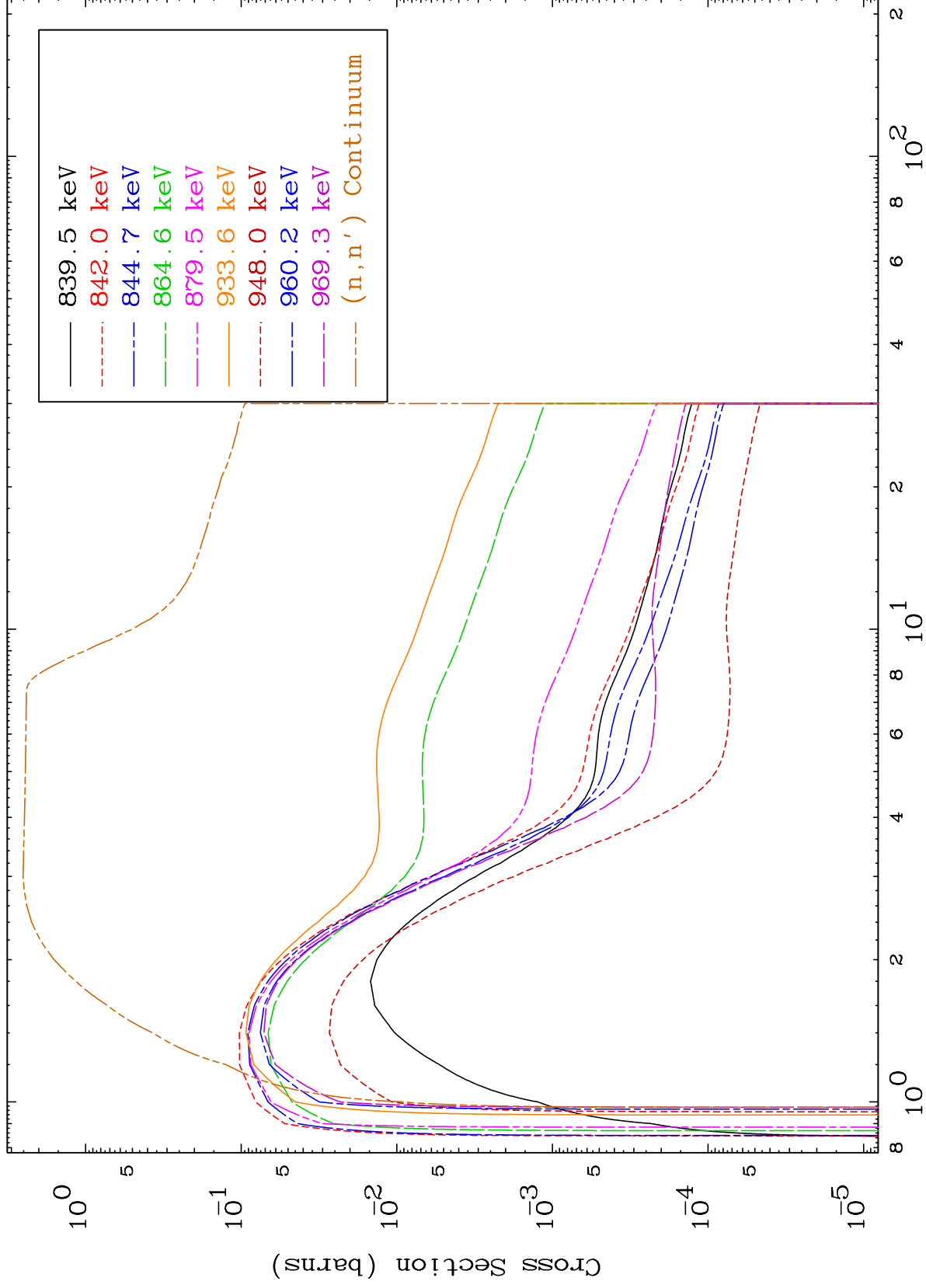
75-Re-187

MAT 7531

(n,n') Level

75-Re-187

293 Kelvin Cross Sections



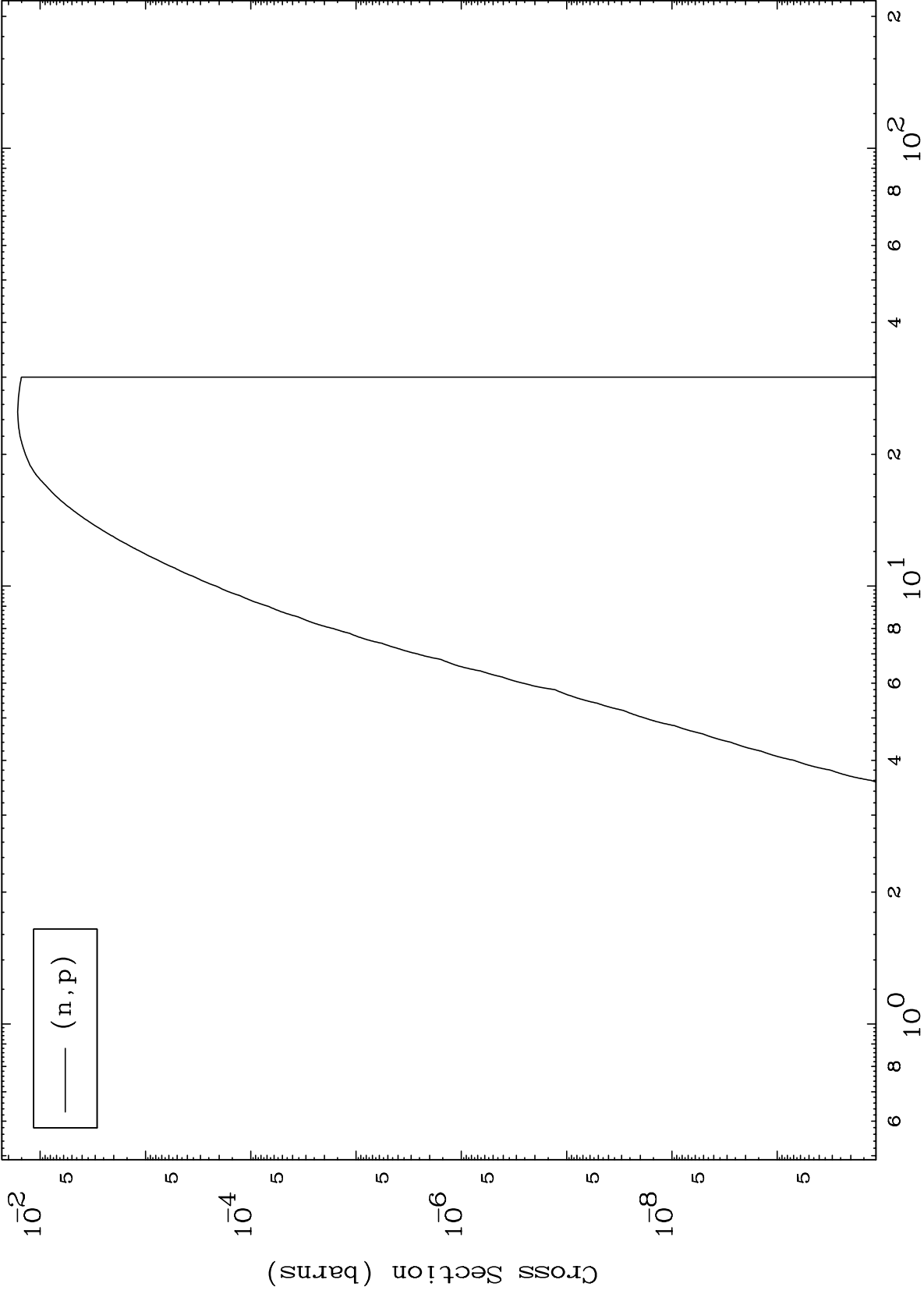
Incident Energy (MeV)

75-Re-187

MAT 7531

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-187



10

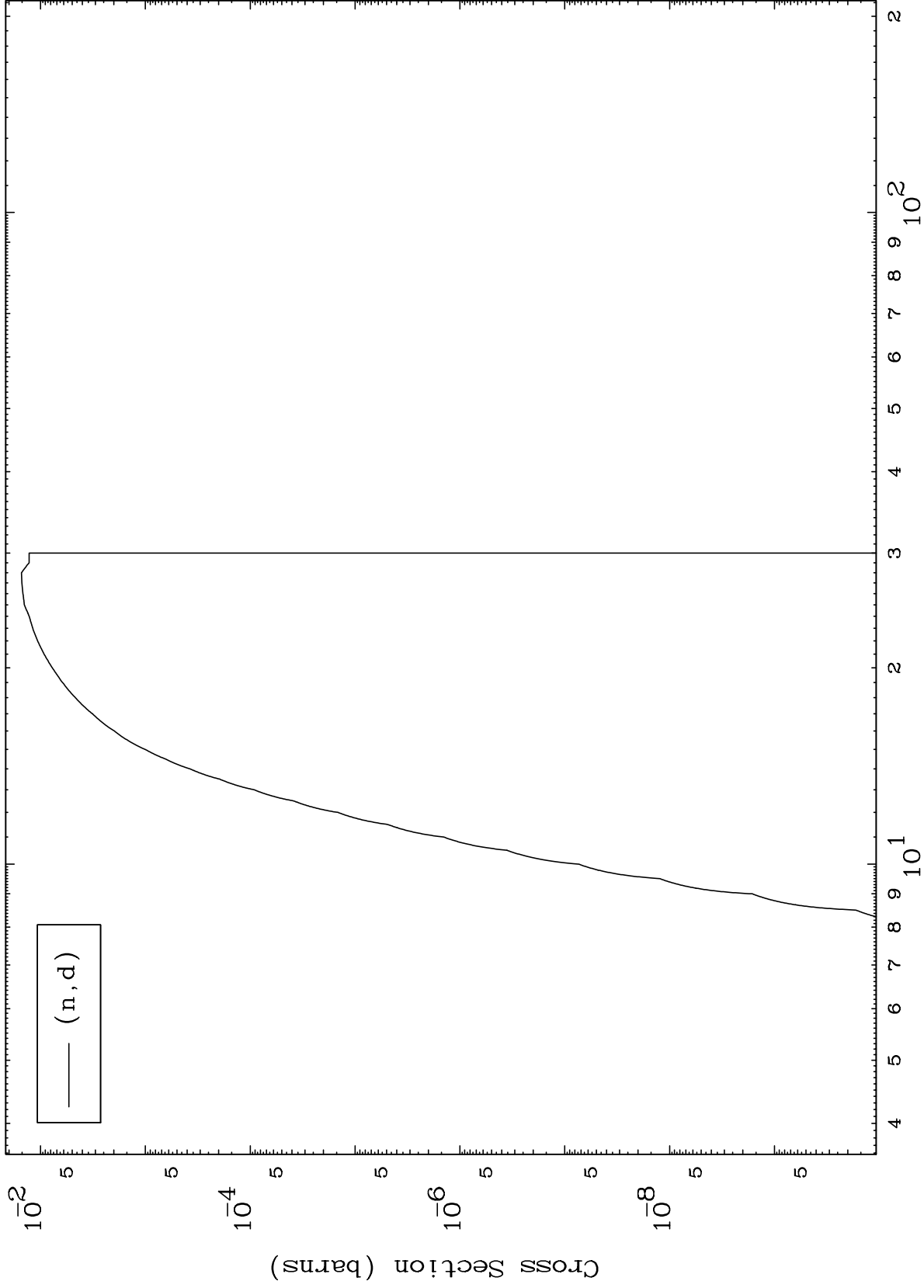
Incident Energy (MeV)

75-Re-187

MAT 7531

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-187



11

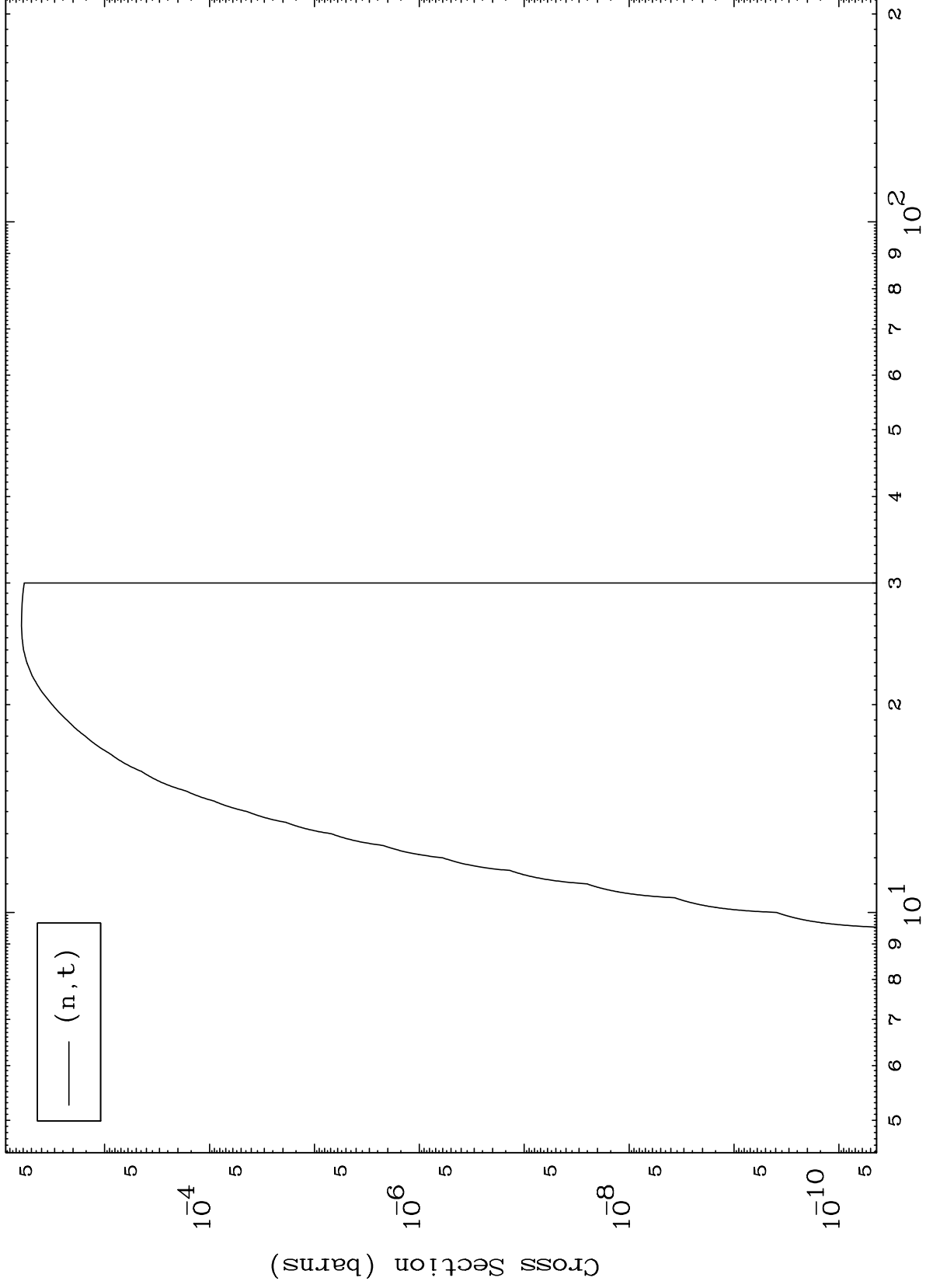
Incident Energy (MeV)

75-Re-187

MAT 7531

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-187



12

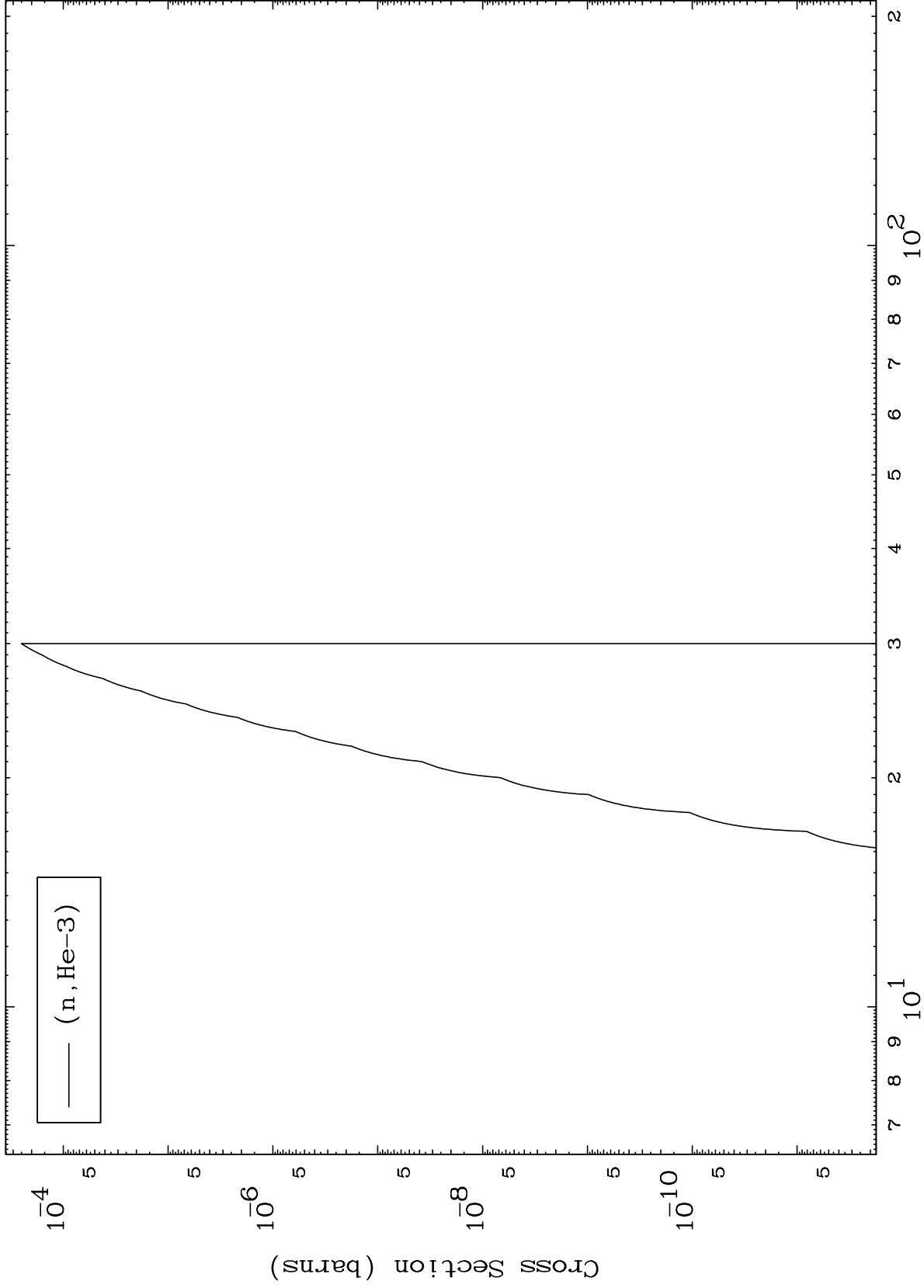
Incident Energy (MeV)

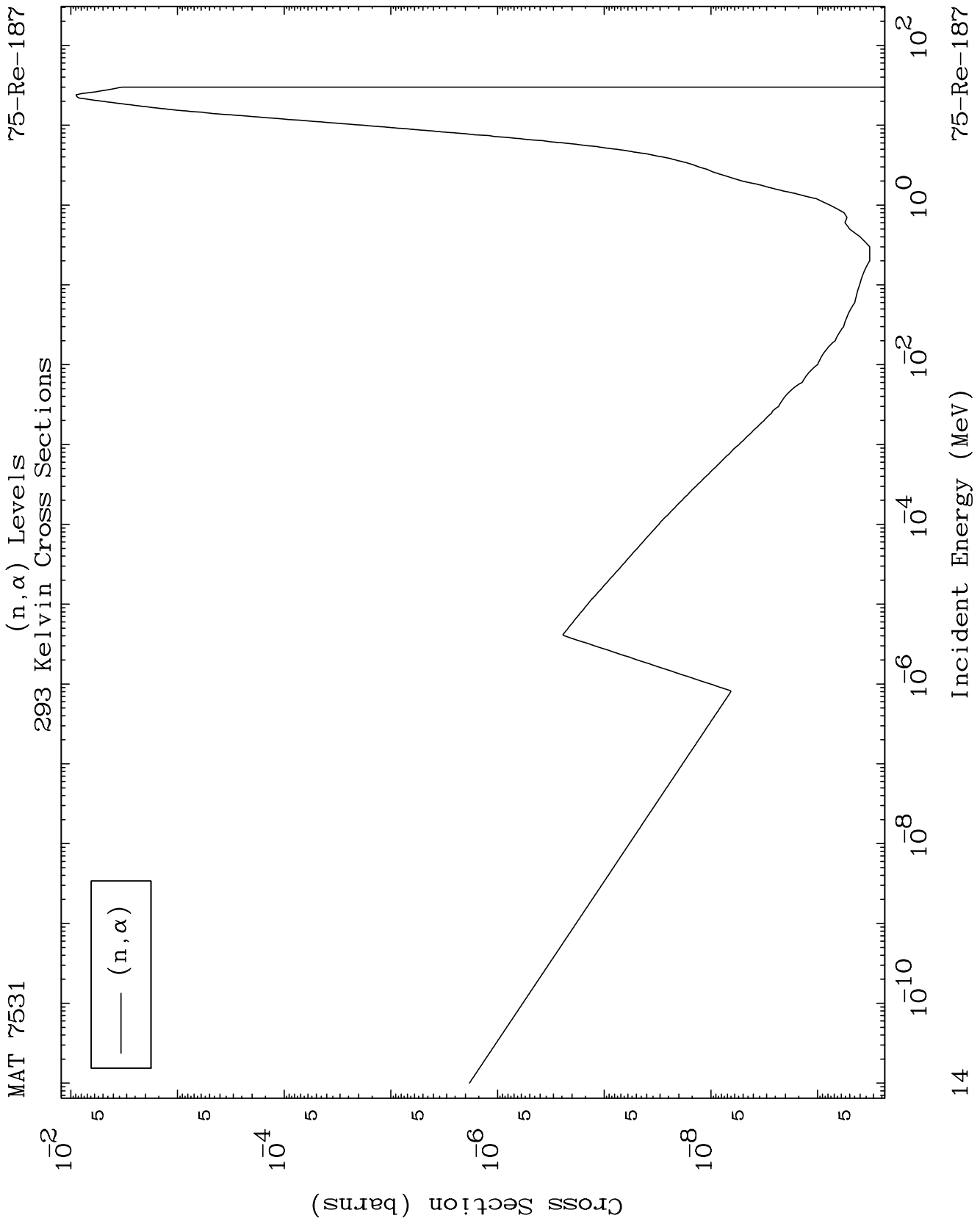
75-Re-187

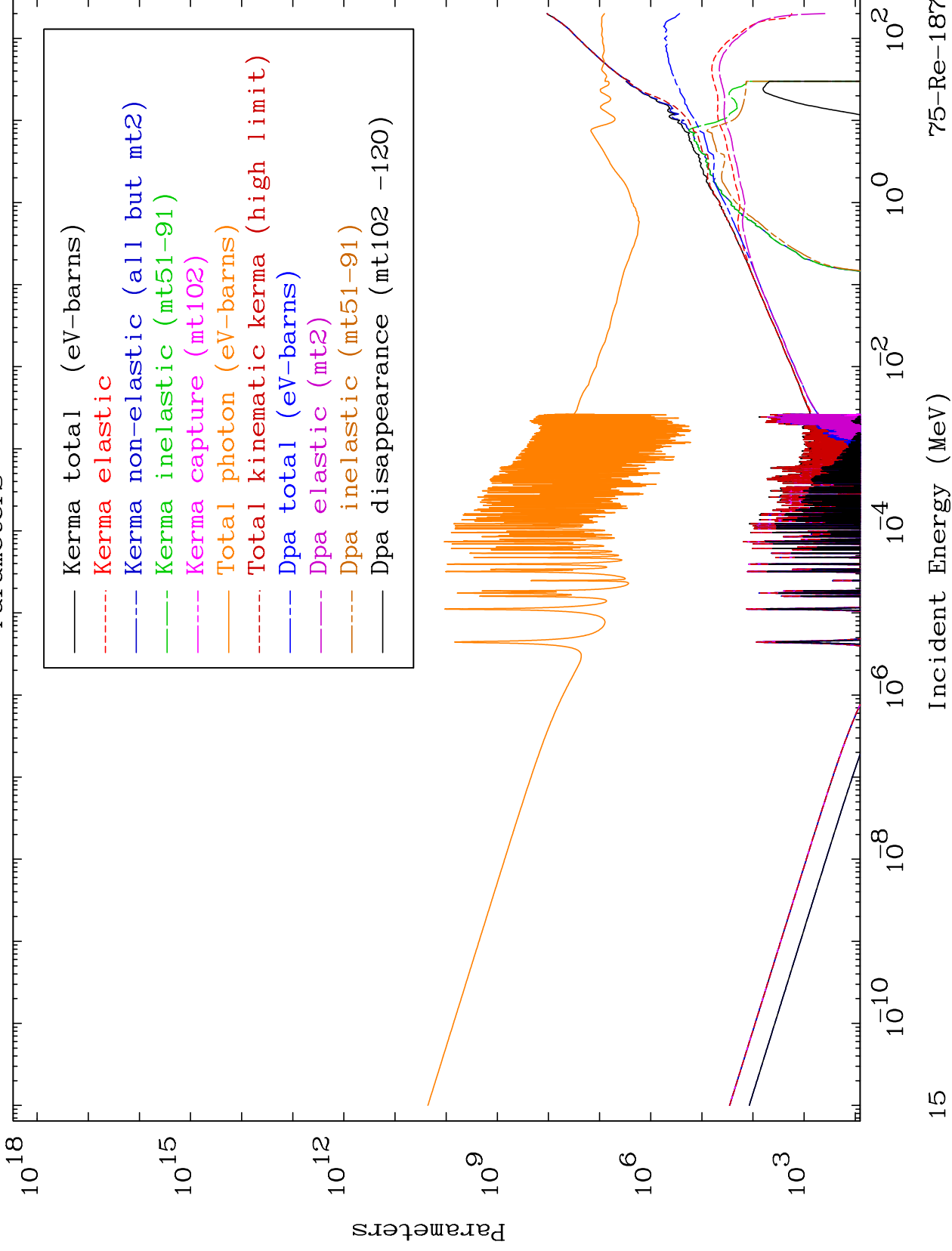
MAT 7531

(n,He3) Levels  
293 Kelvin Cross Sections

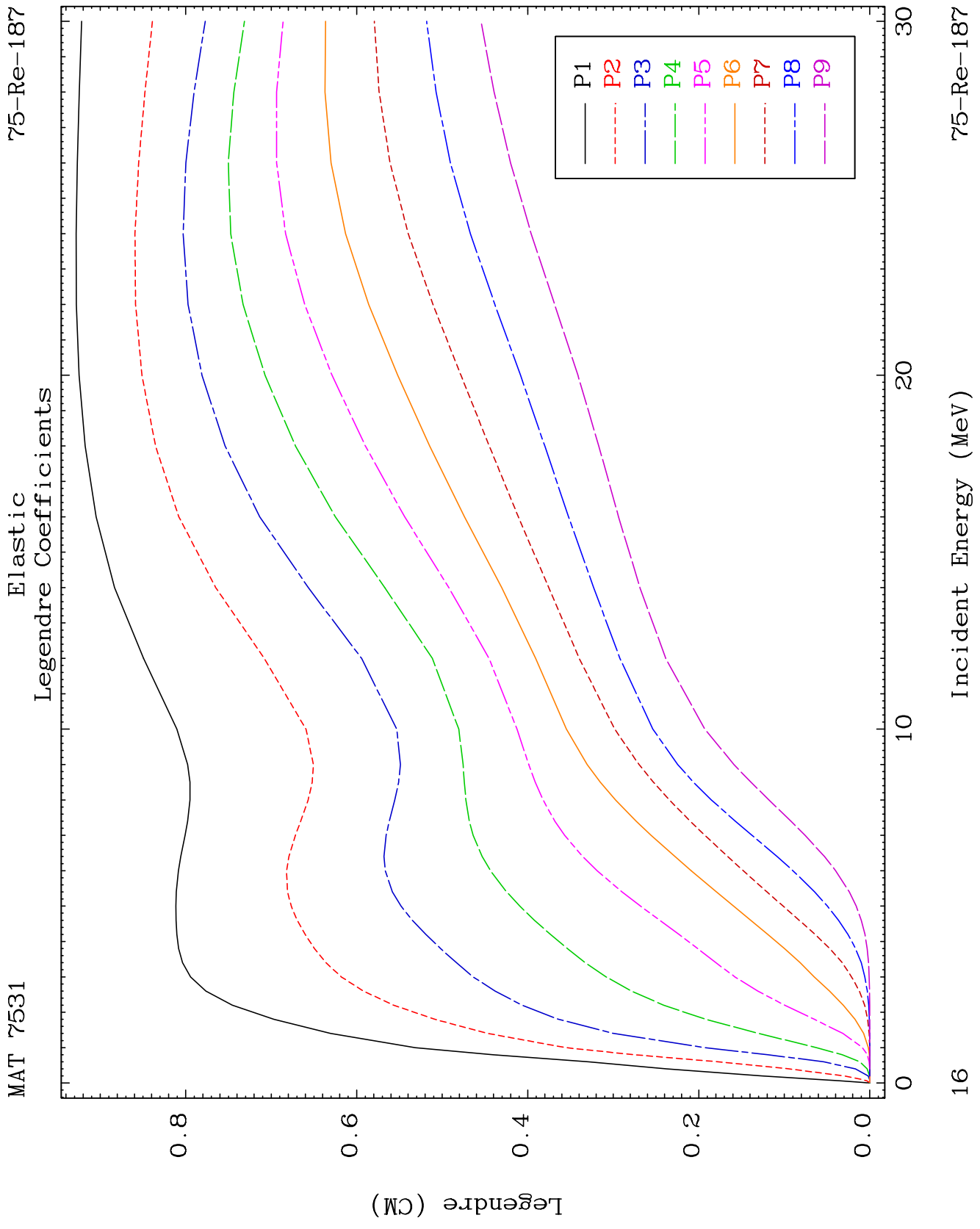
75-Re-187

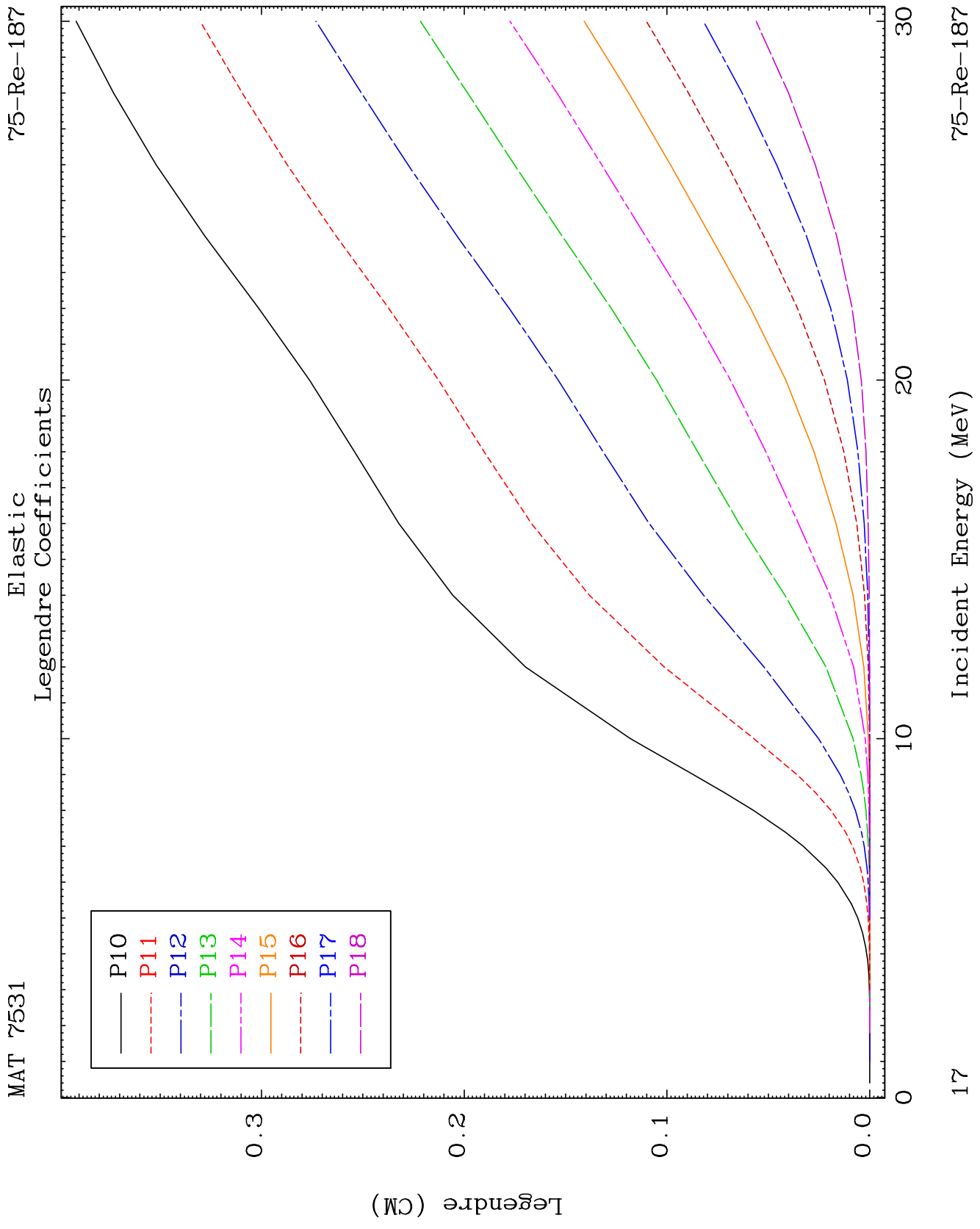








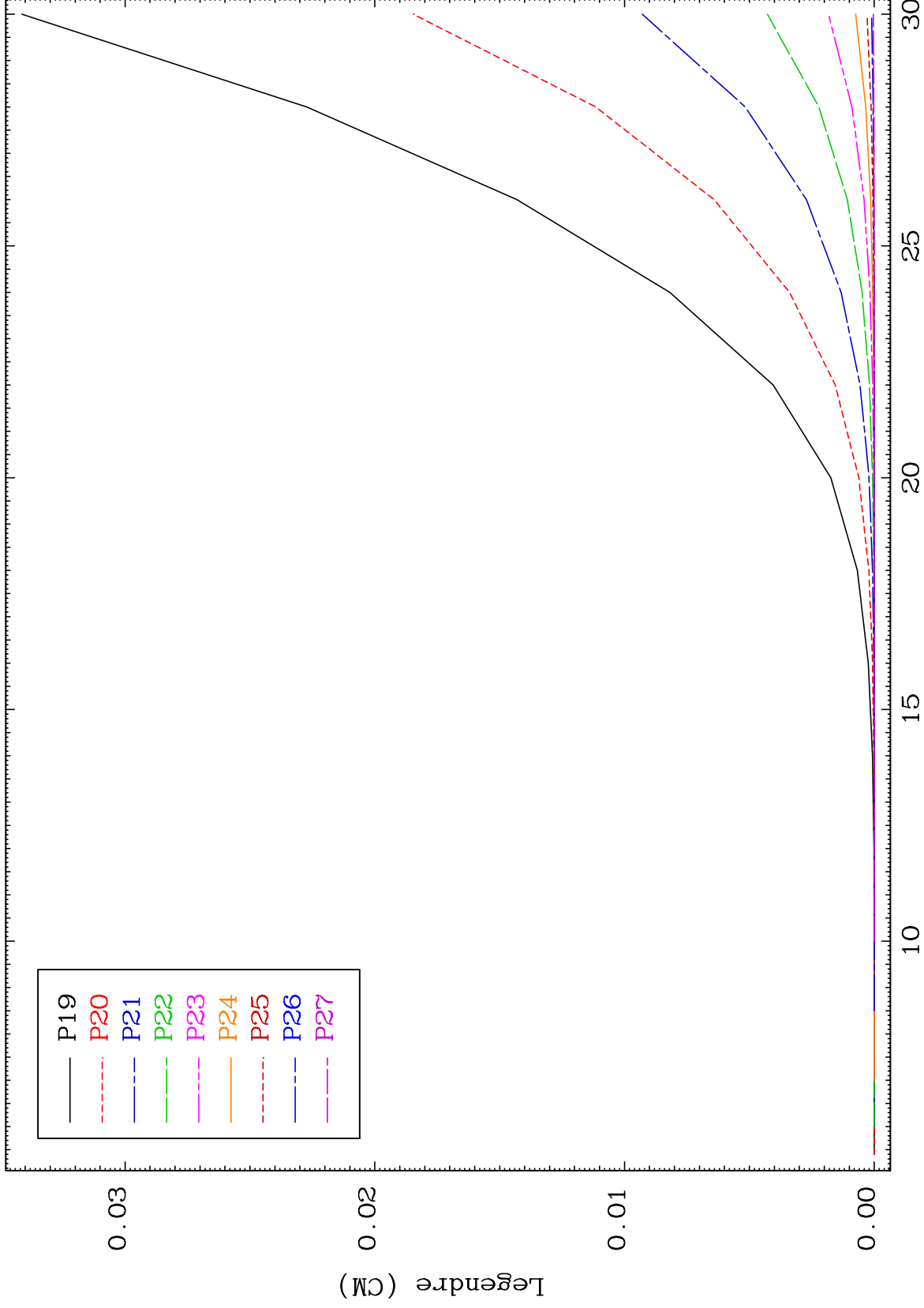




MAT 7531

Elastic  
Legendre Coefficients

75-Re-187

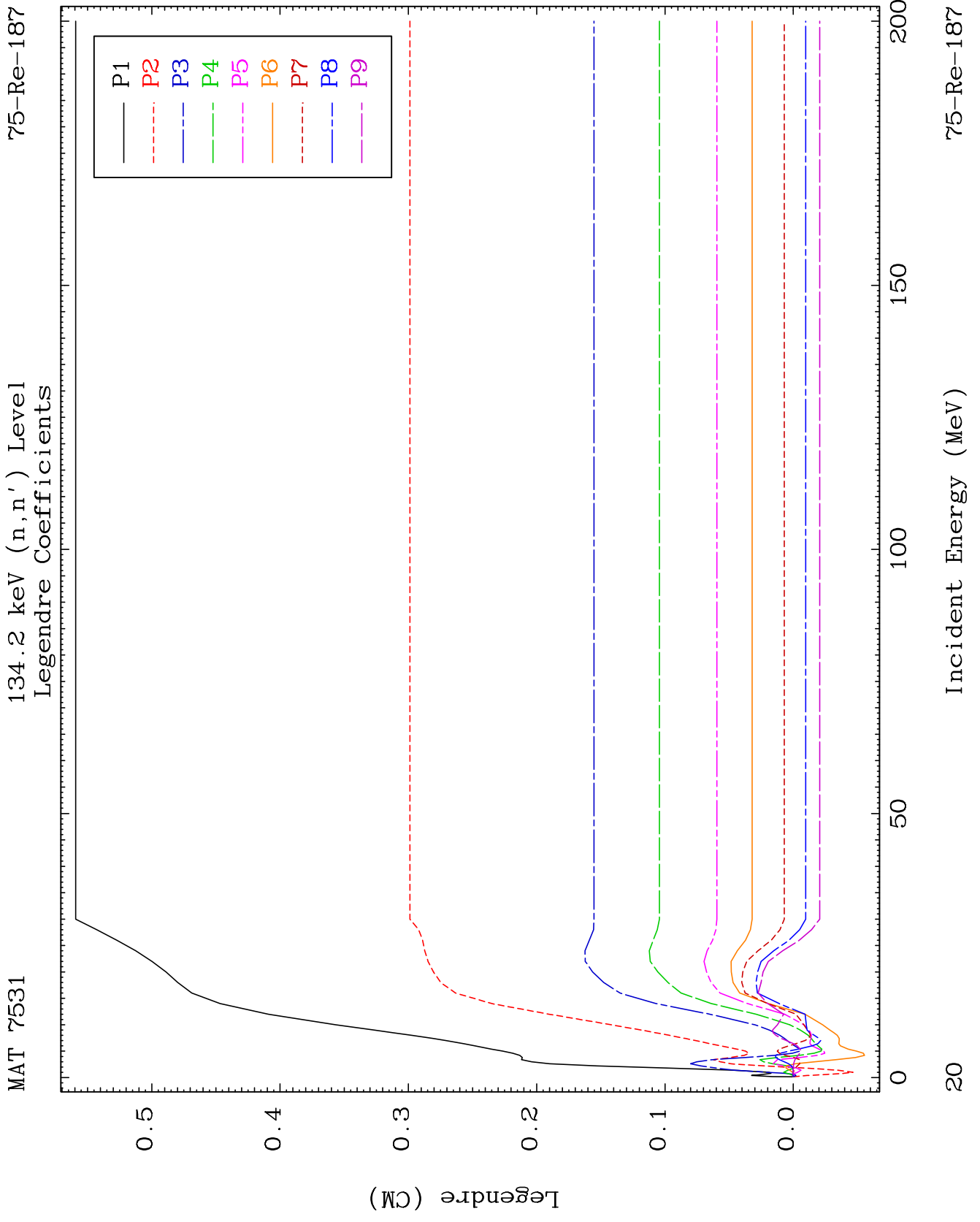


18

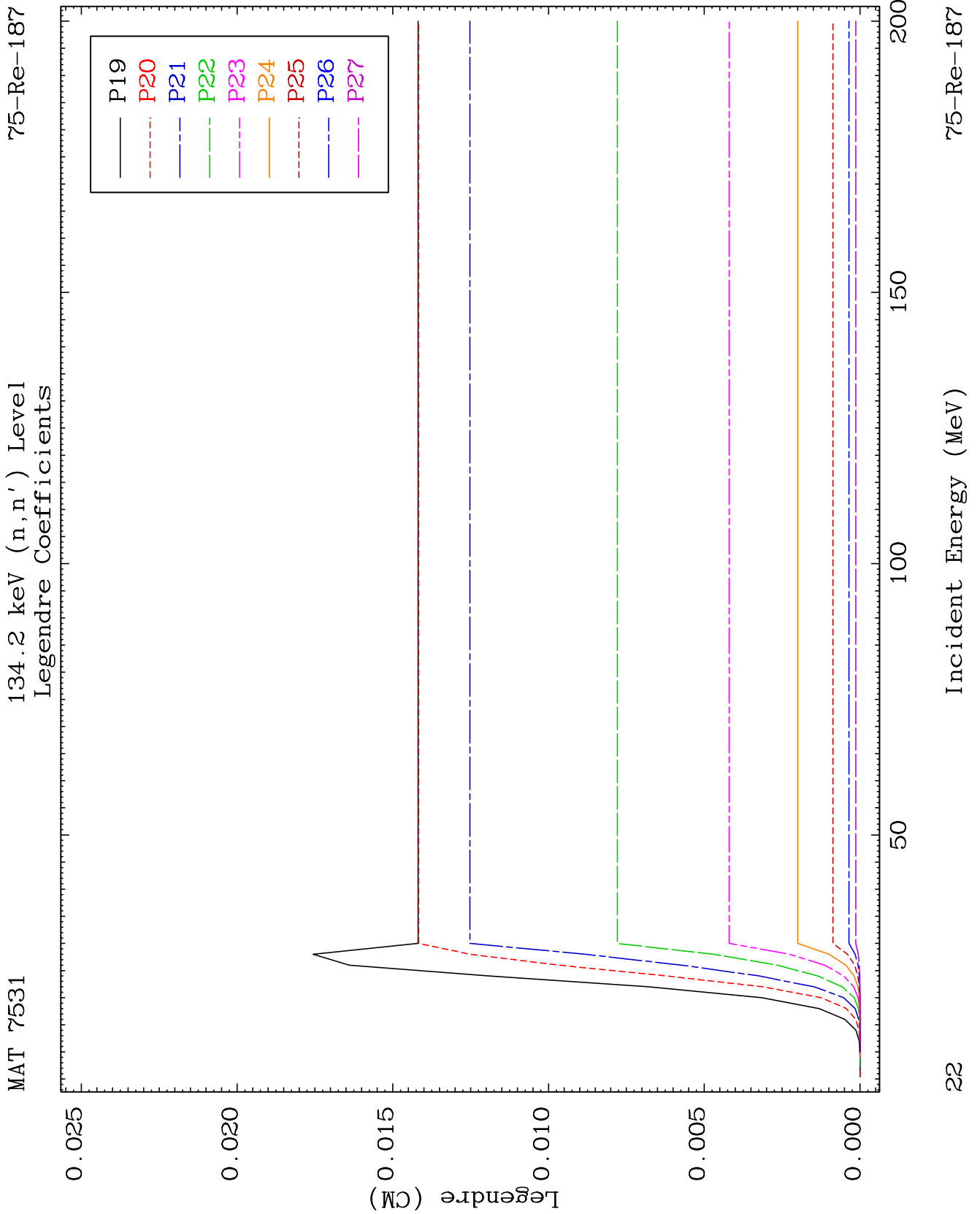
Incident Energy (MeV)

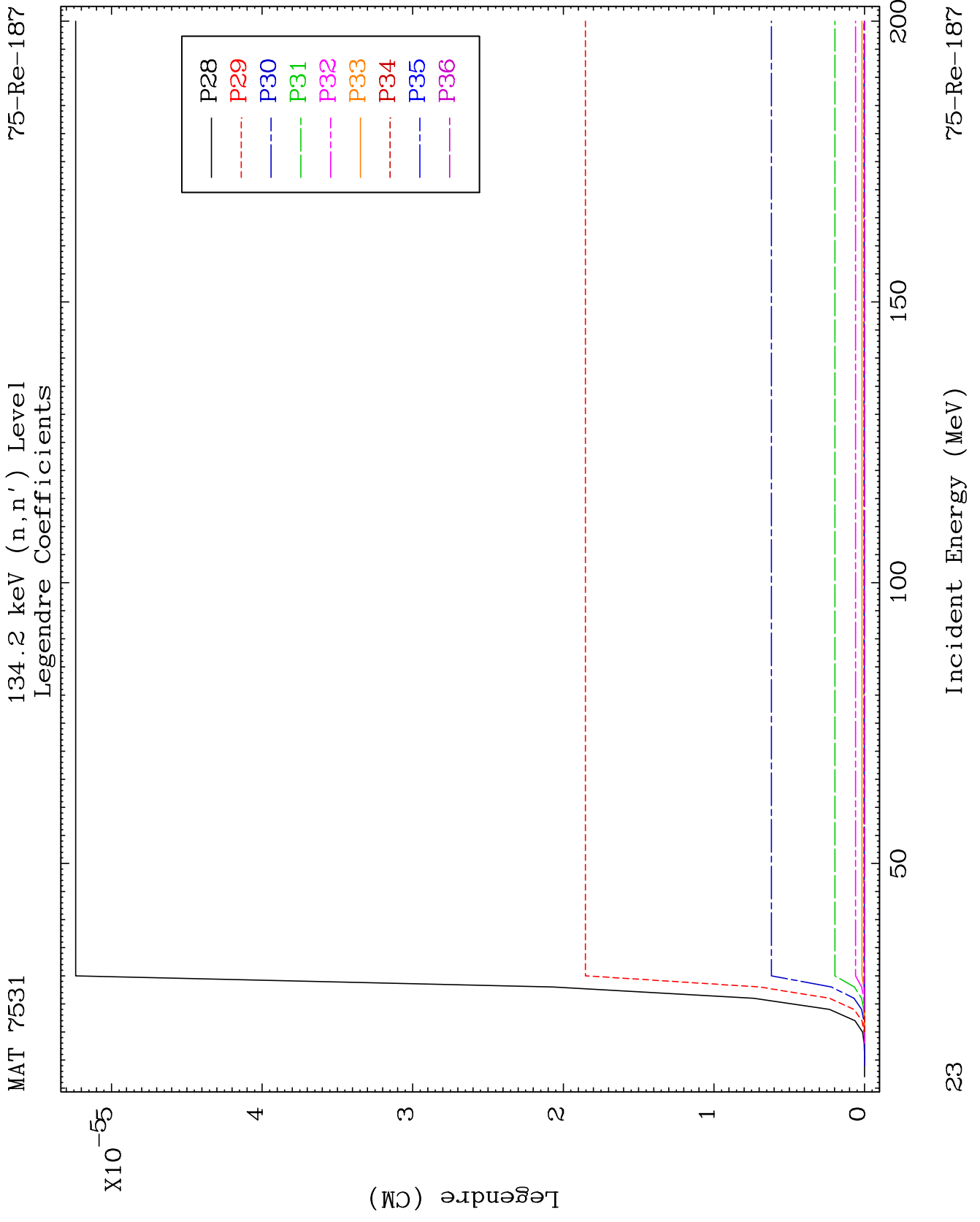
75-Re-187



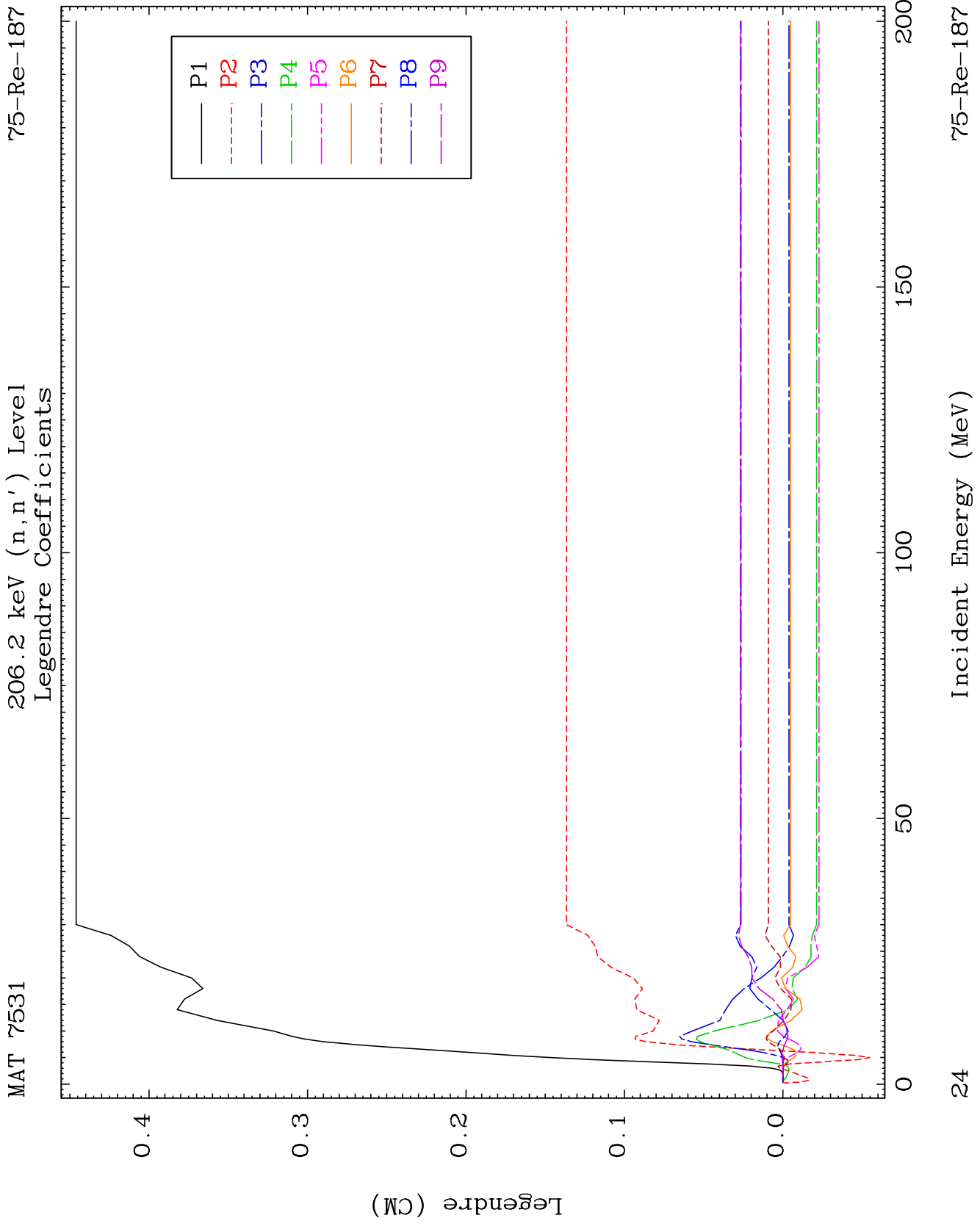


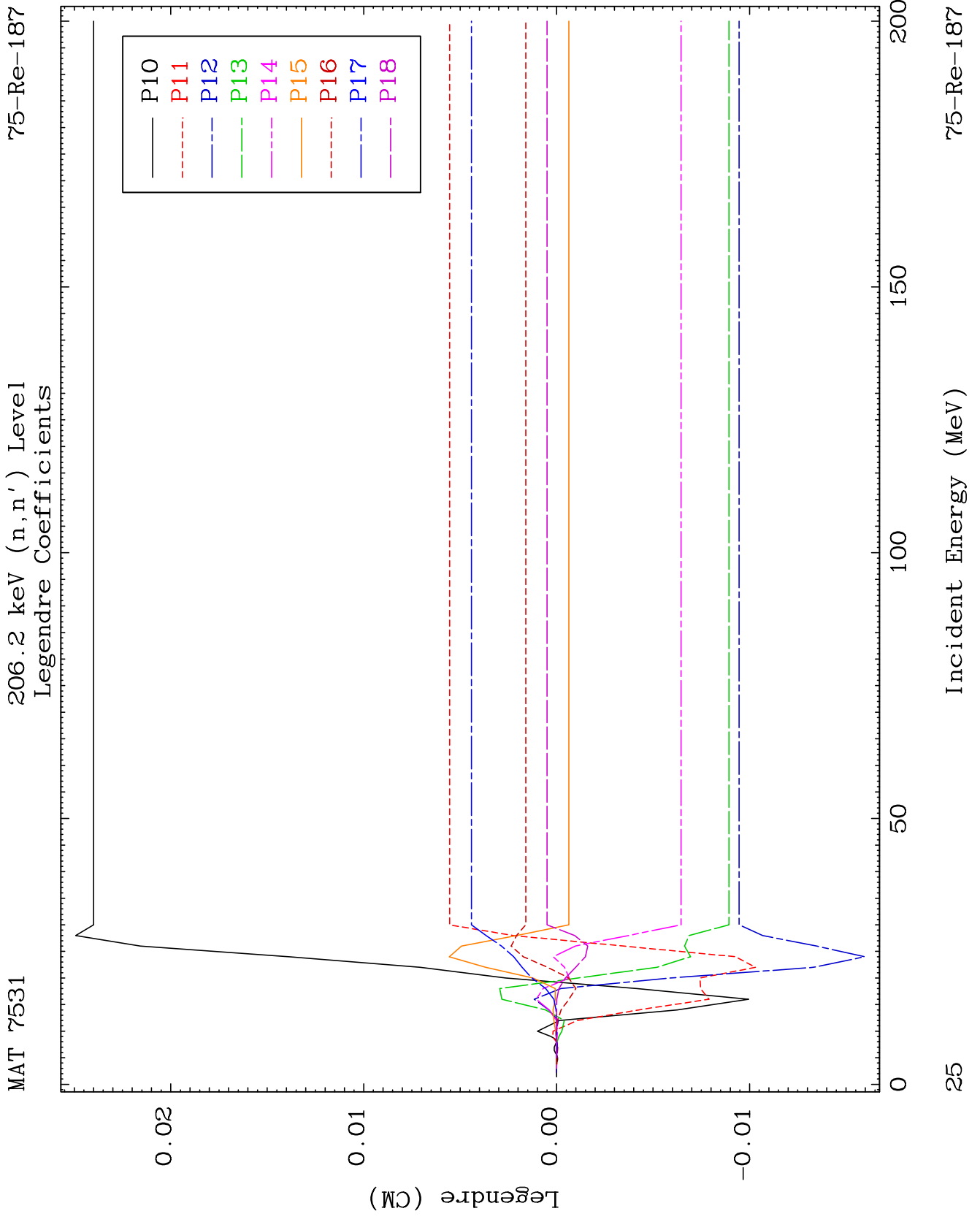


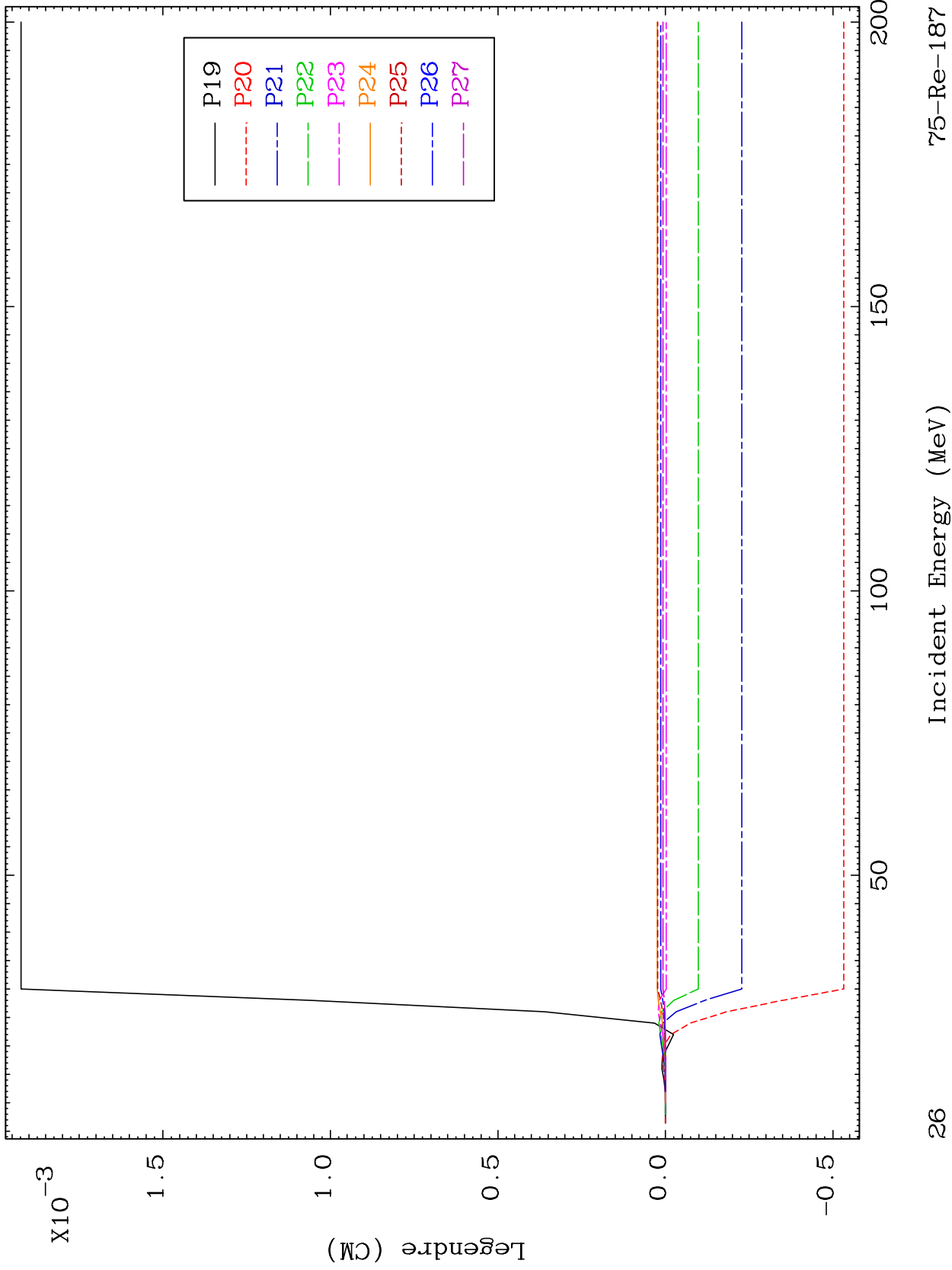


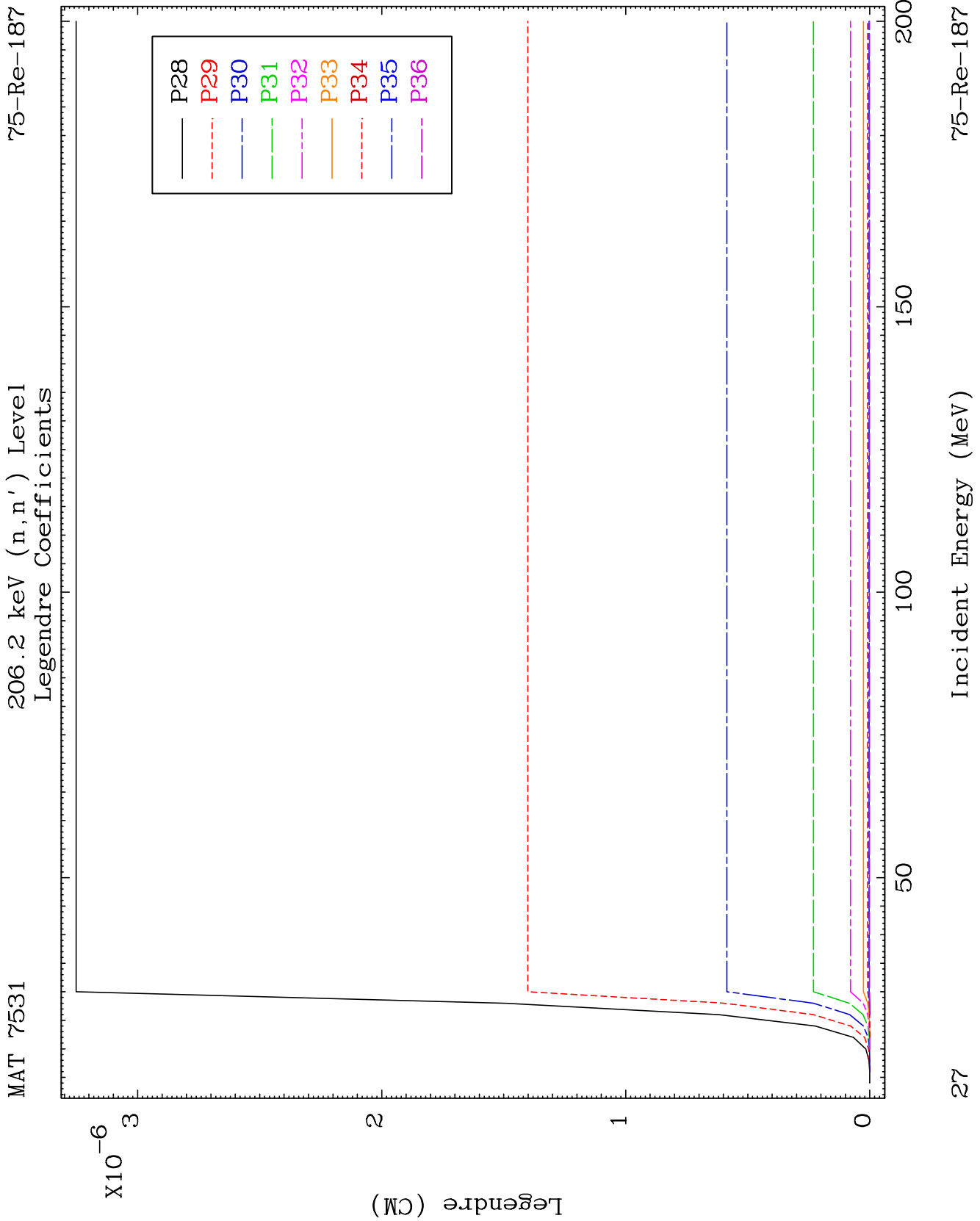


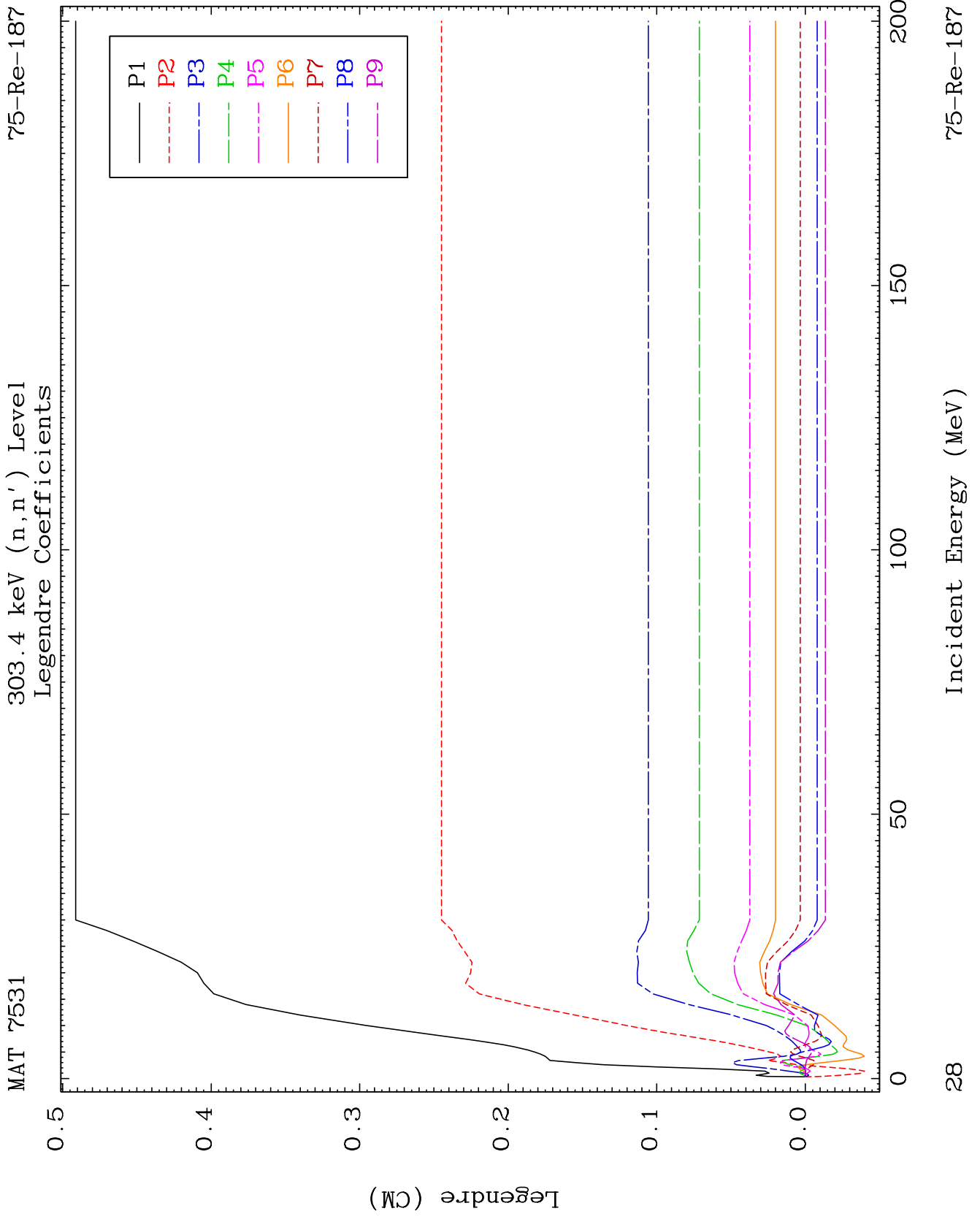








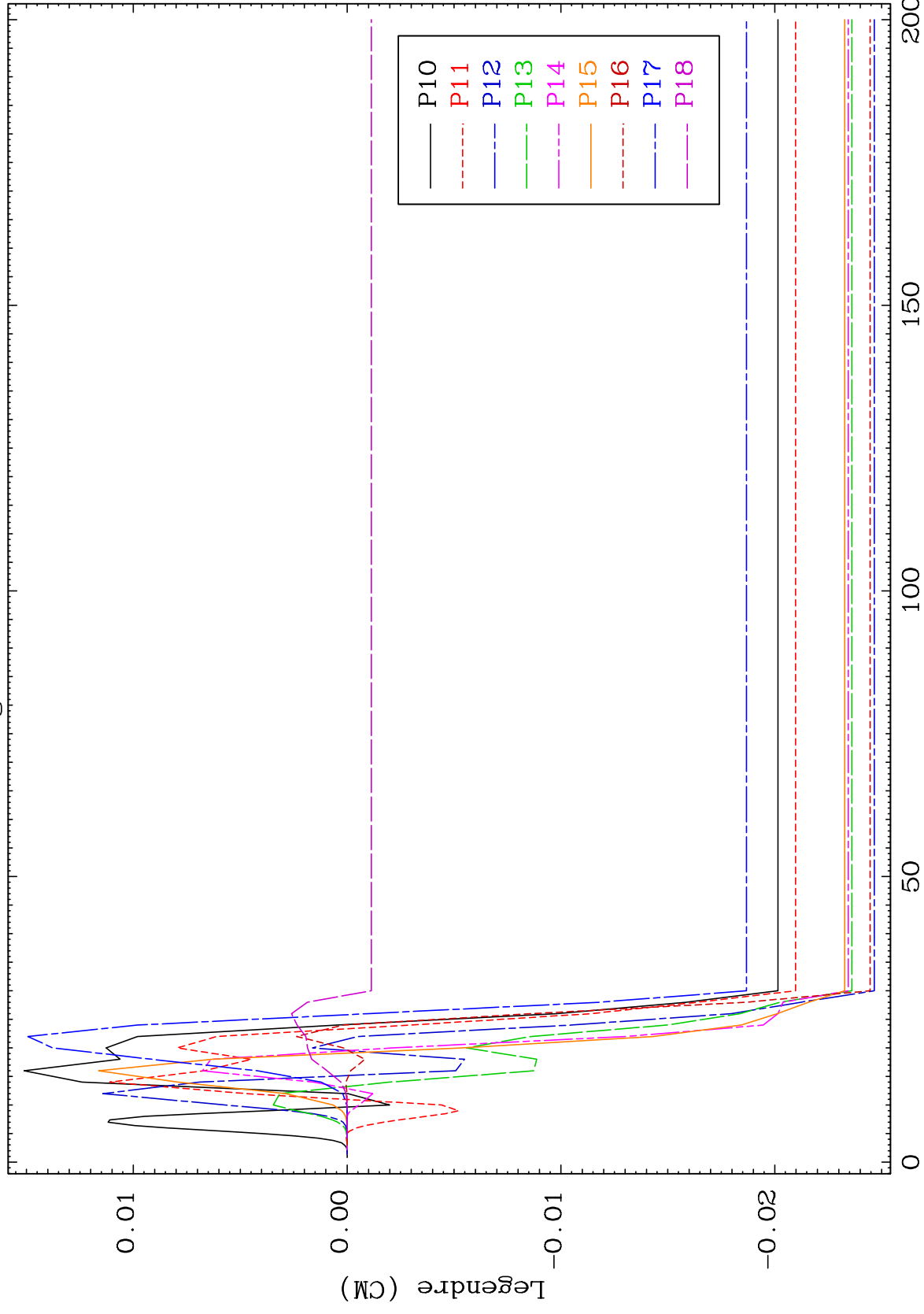




MAT 7531

303.4 keV (n,n') Level  
Legendre Coefficients

75-Re-187



29

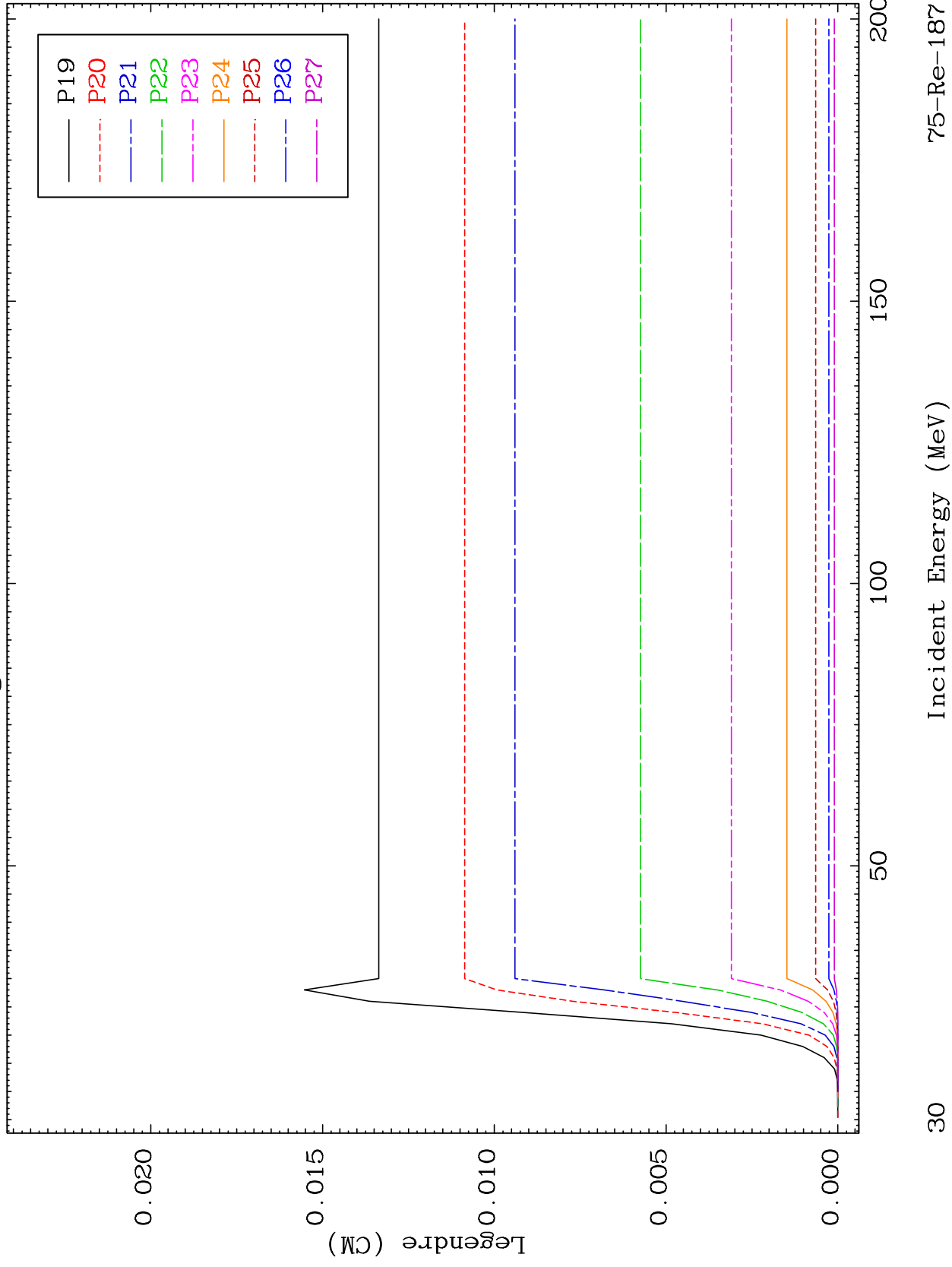
Incident Energy (MeV)

75-Re-187

MAT 7531

303.4 keV (n,n') Level  
Legendre Coefficients

75-Re-187



75-Re-187

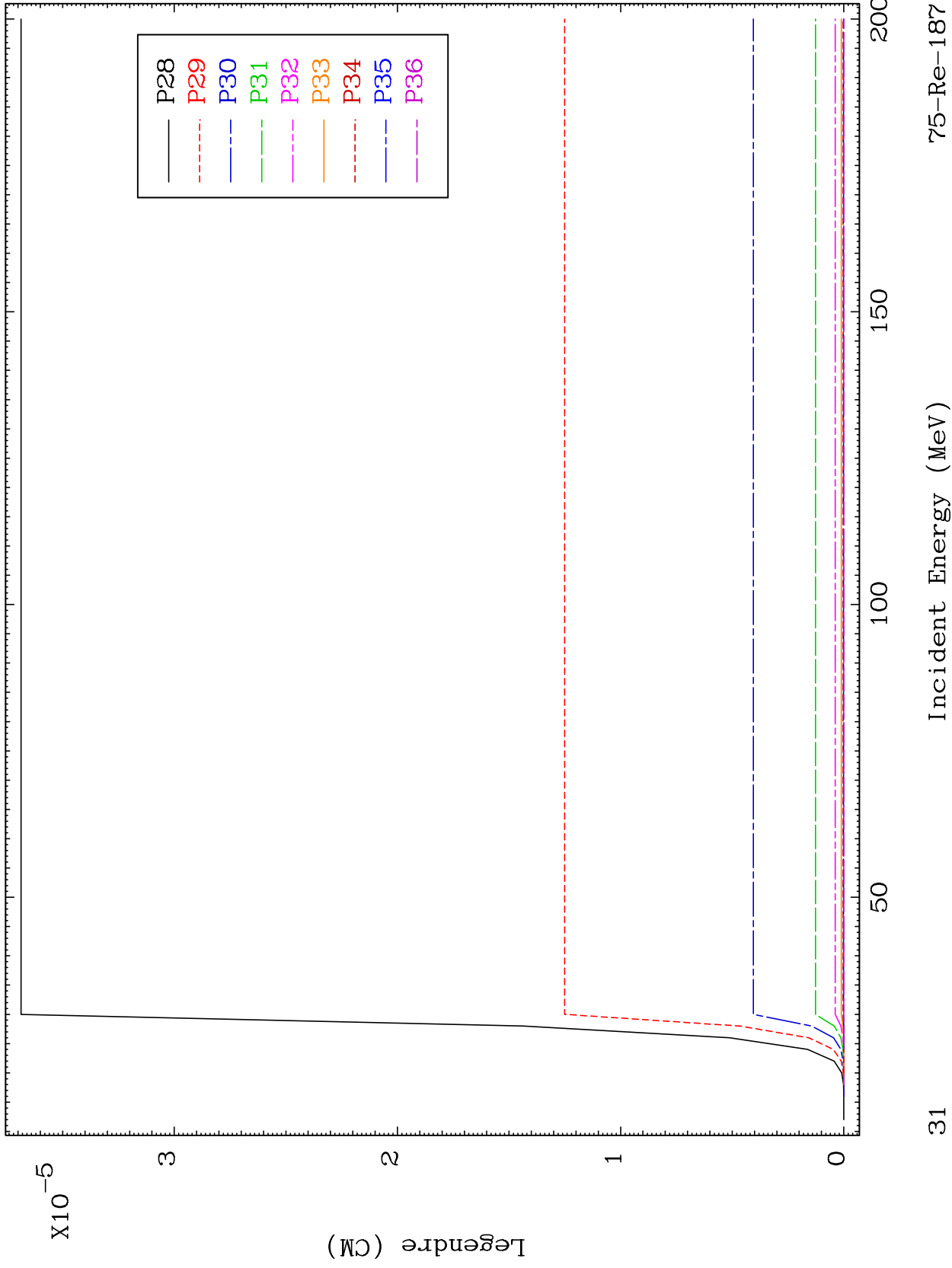
Incident Energy (MeV)

30

MAT 7531

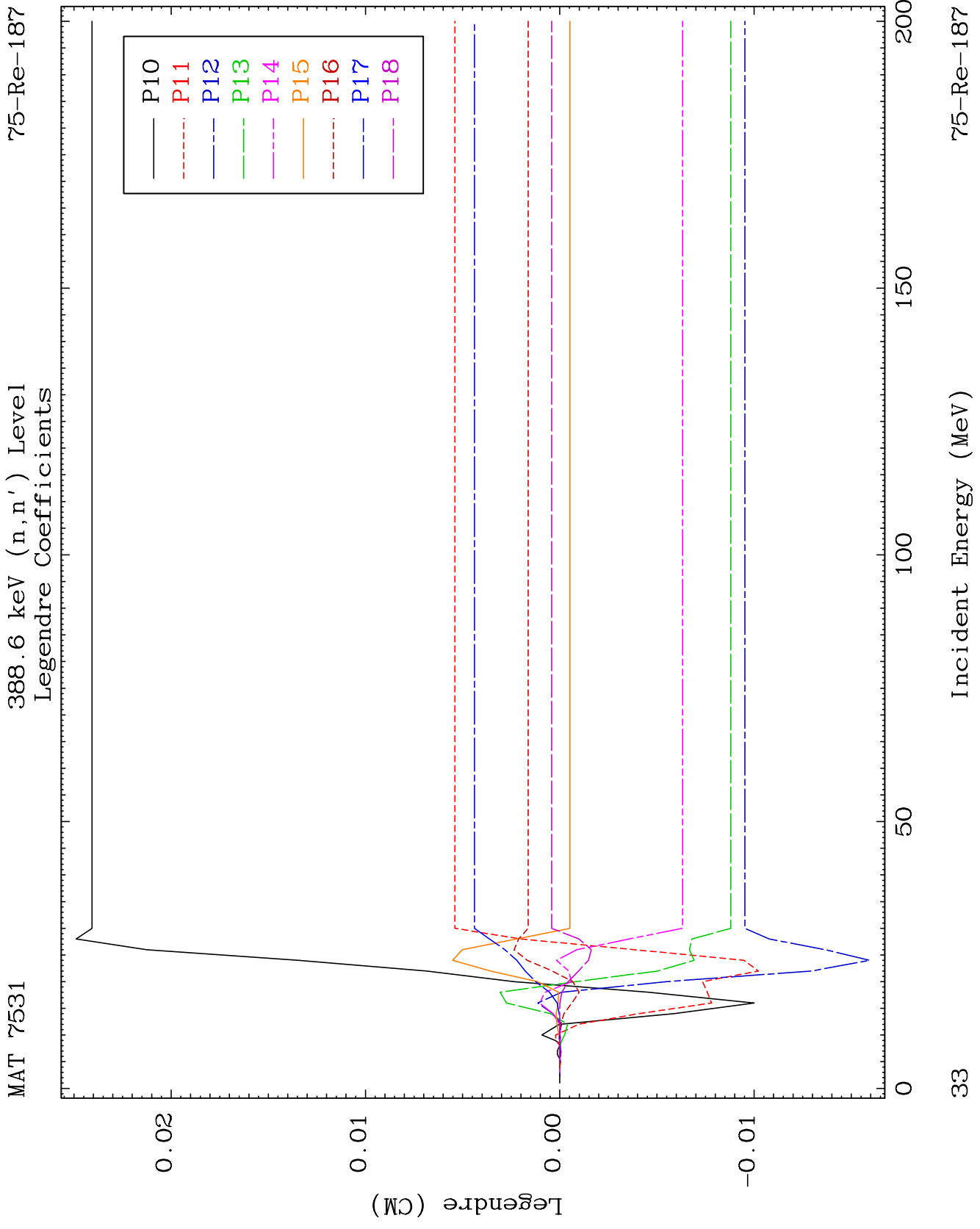
303.4 keV (n,n') Level  
Legendre Coefficients

75-Re-187





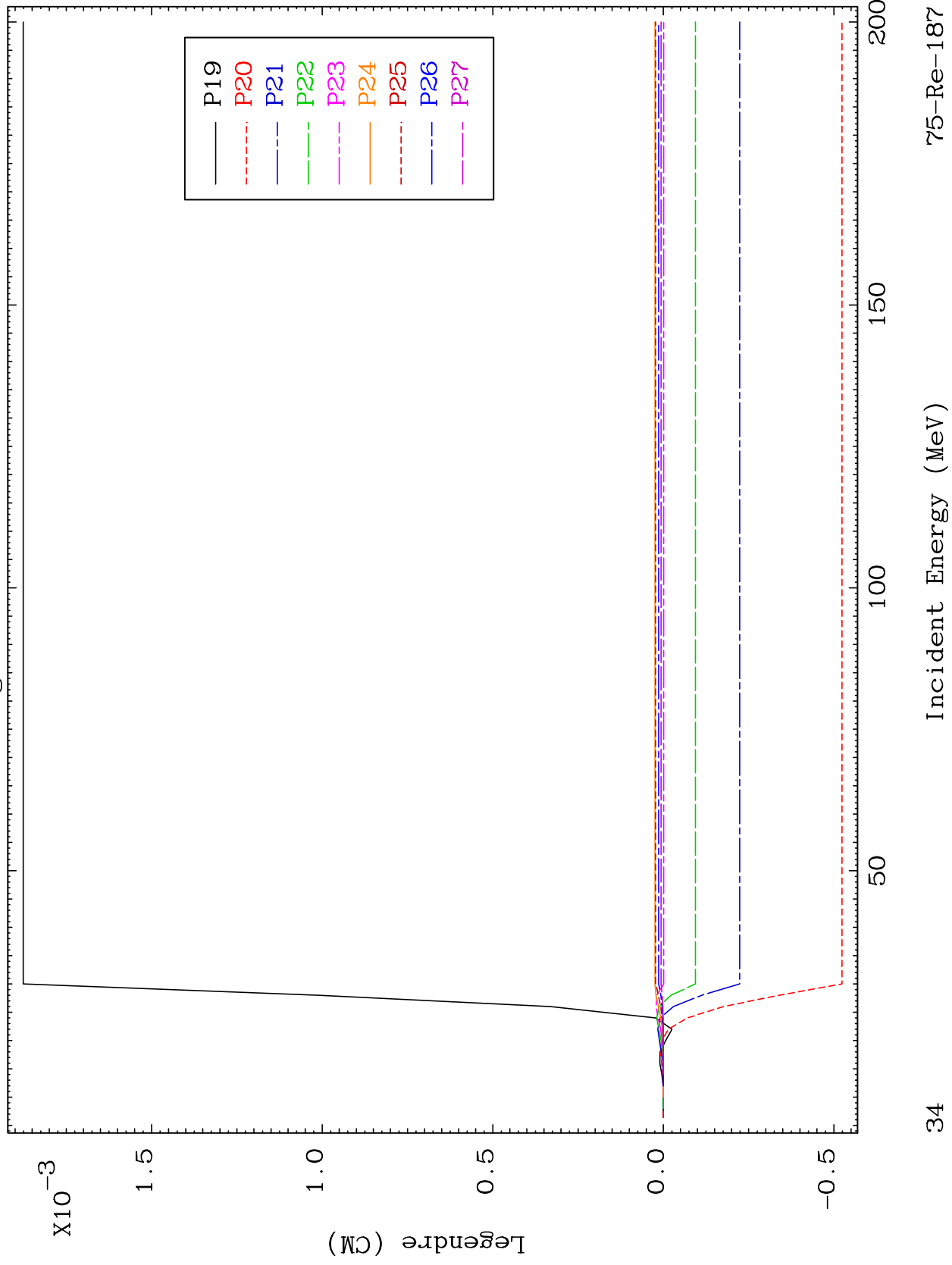




MAT 7531

388.6 keV (n,n') Level  
Legendre Coefficients

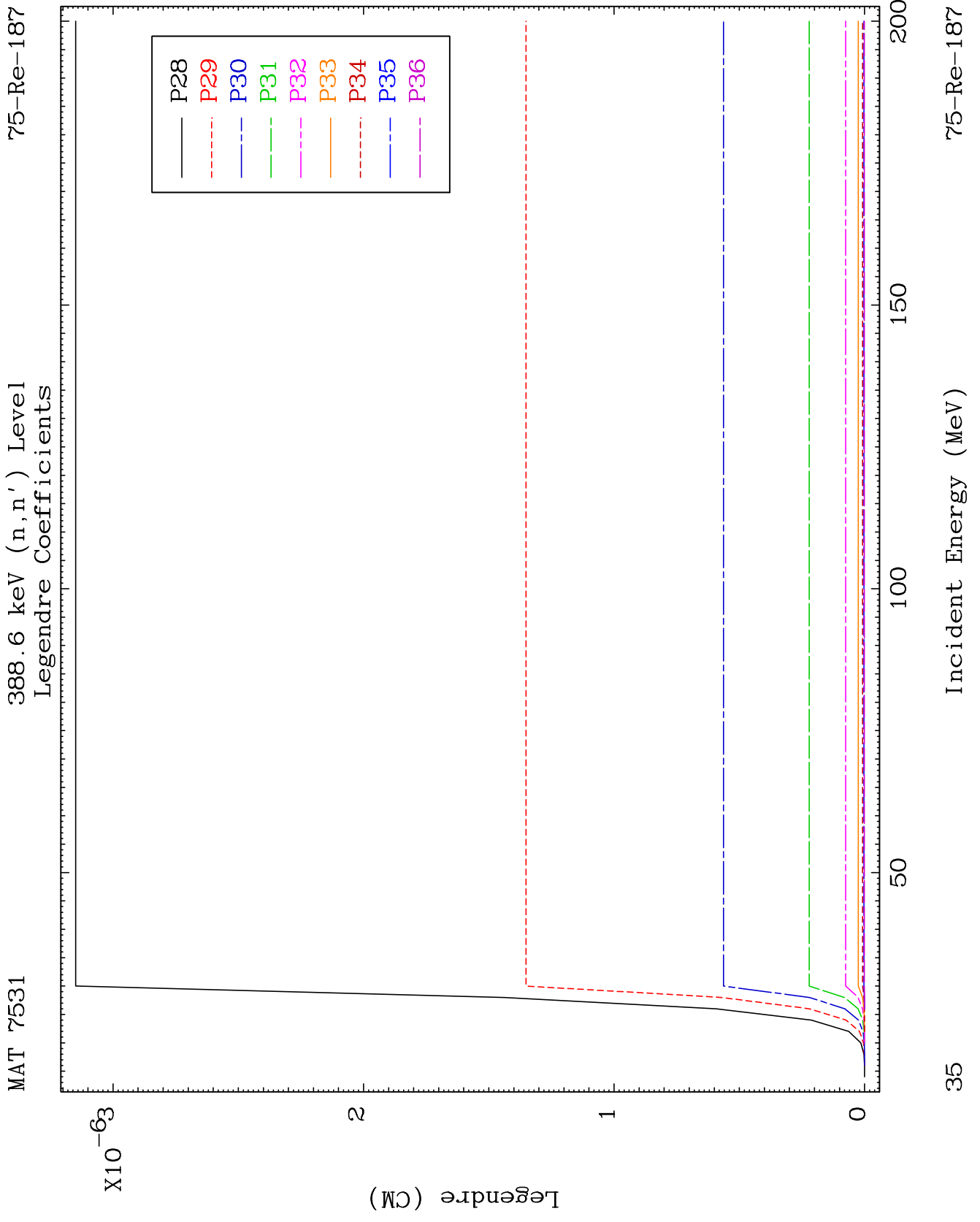
75-Re-187

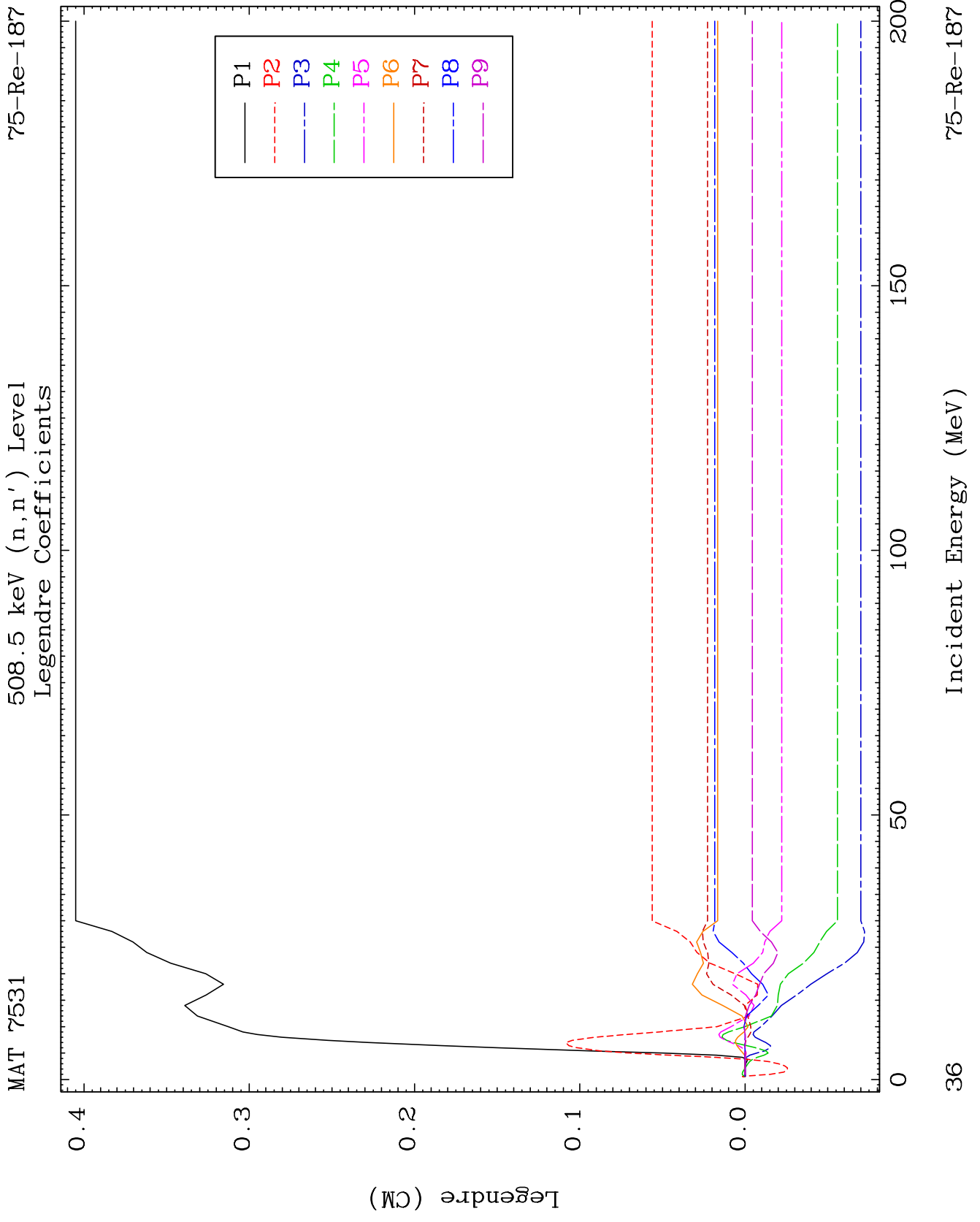


34

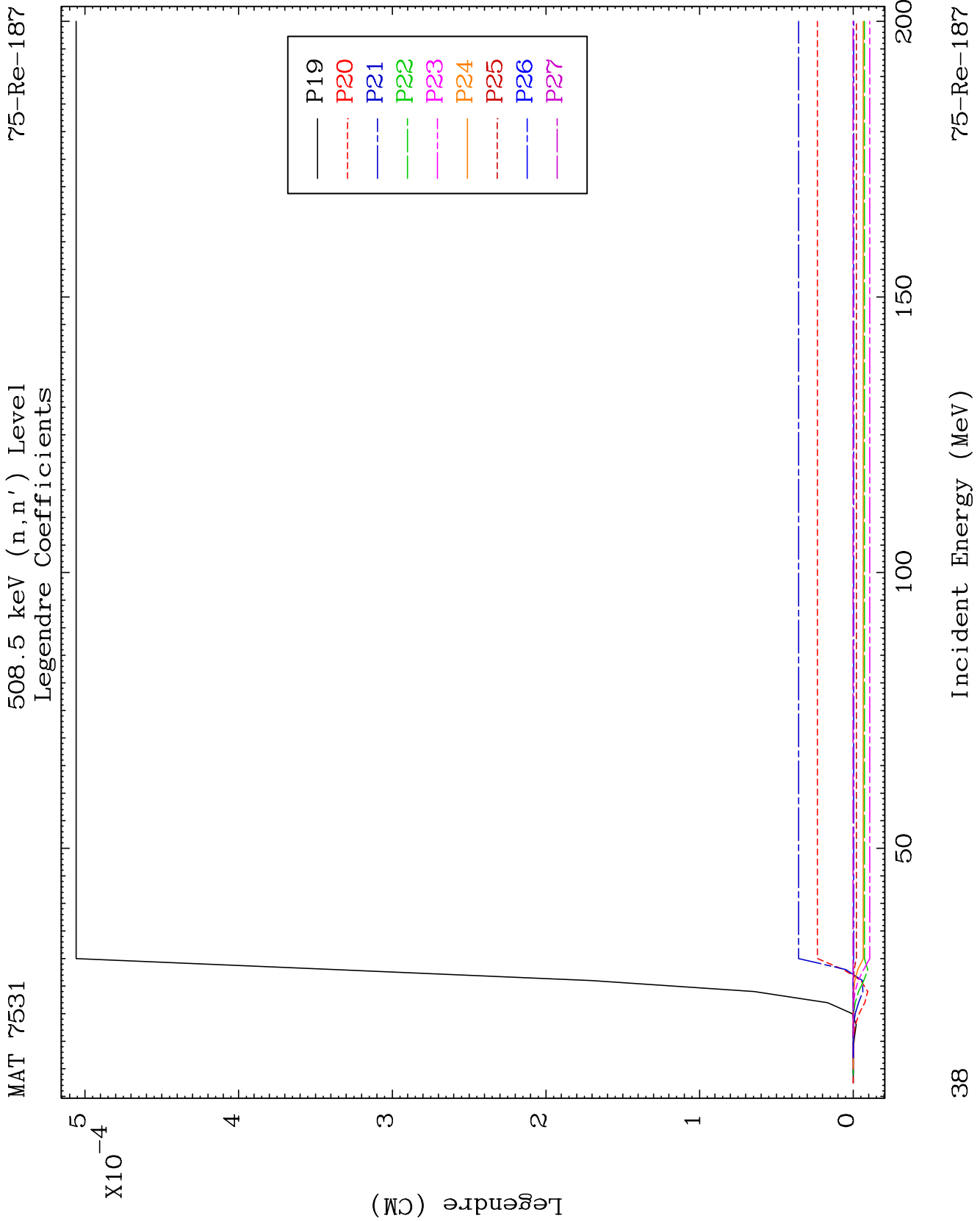
Incident Energy (MeV)

75-Re-187





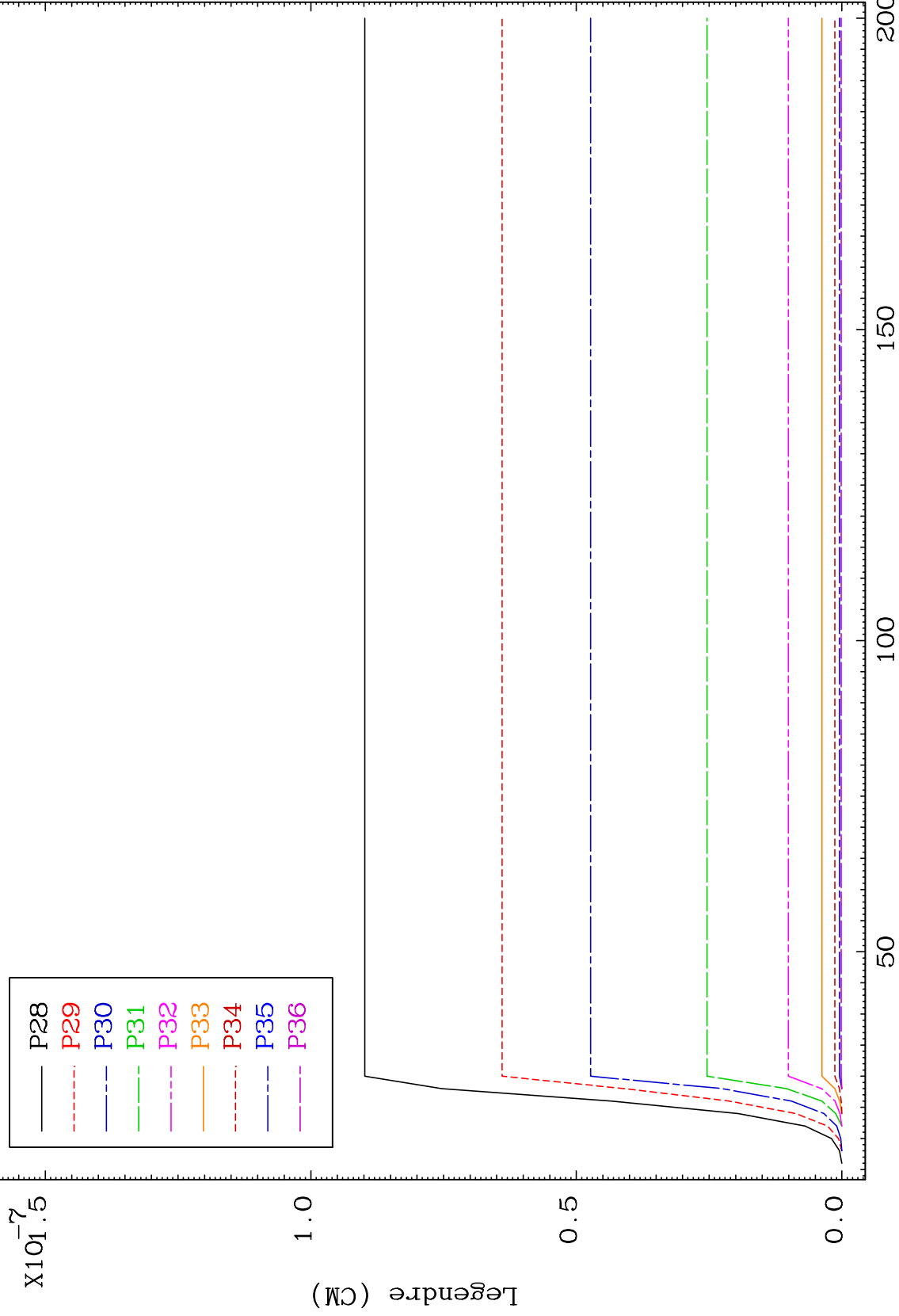
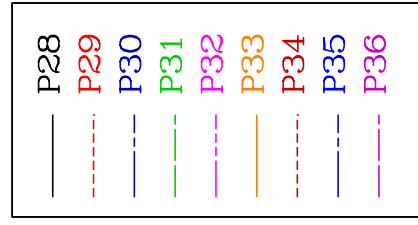




MAT 7531

508.5 keV (n,n') Level  
Legendre Coefficients

75-Re-187

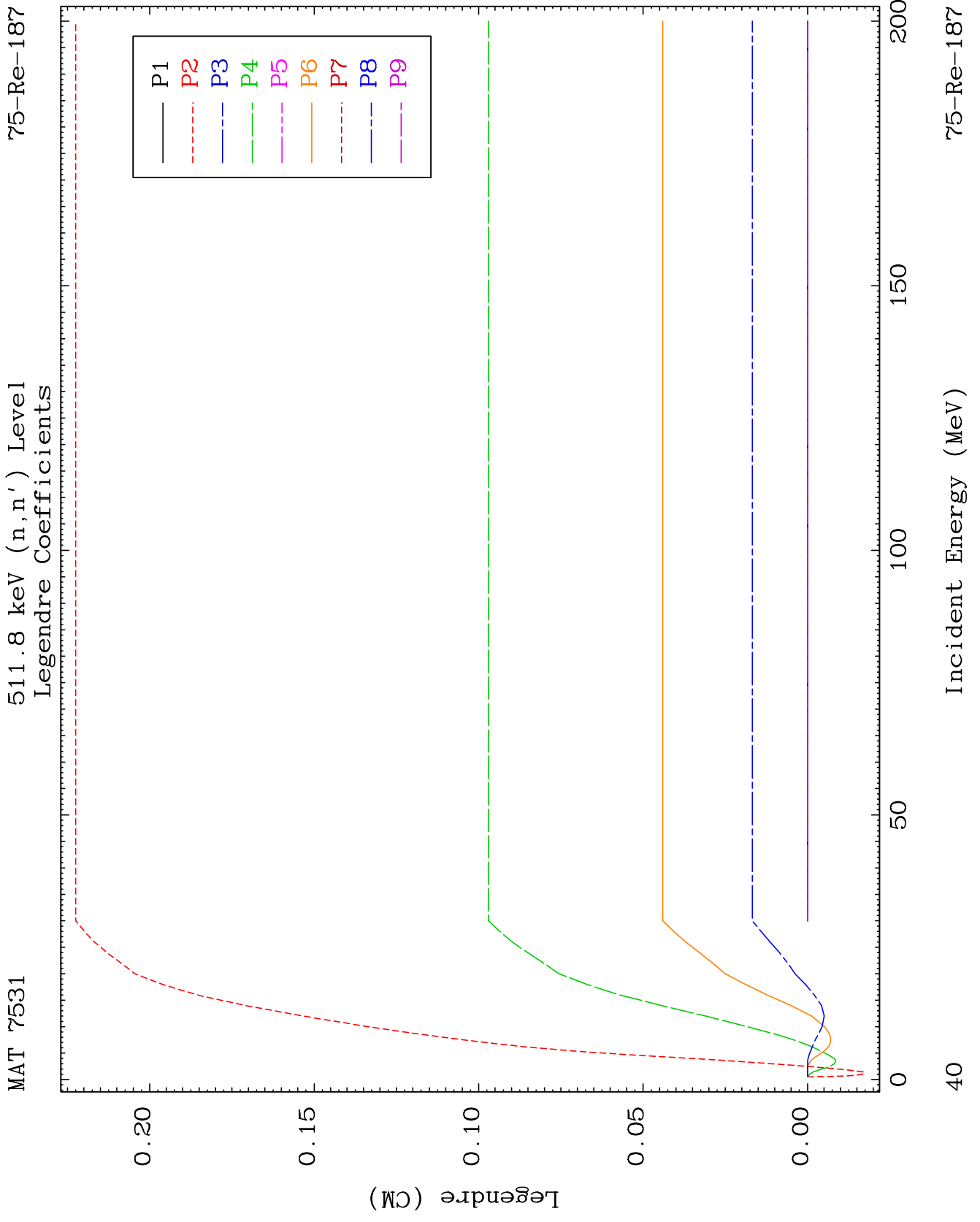


39

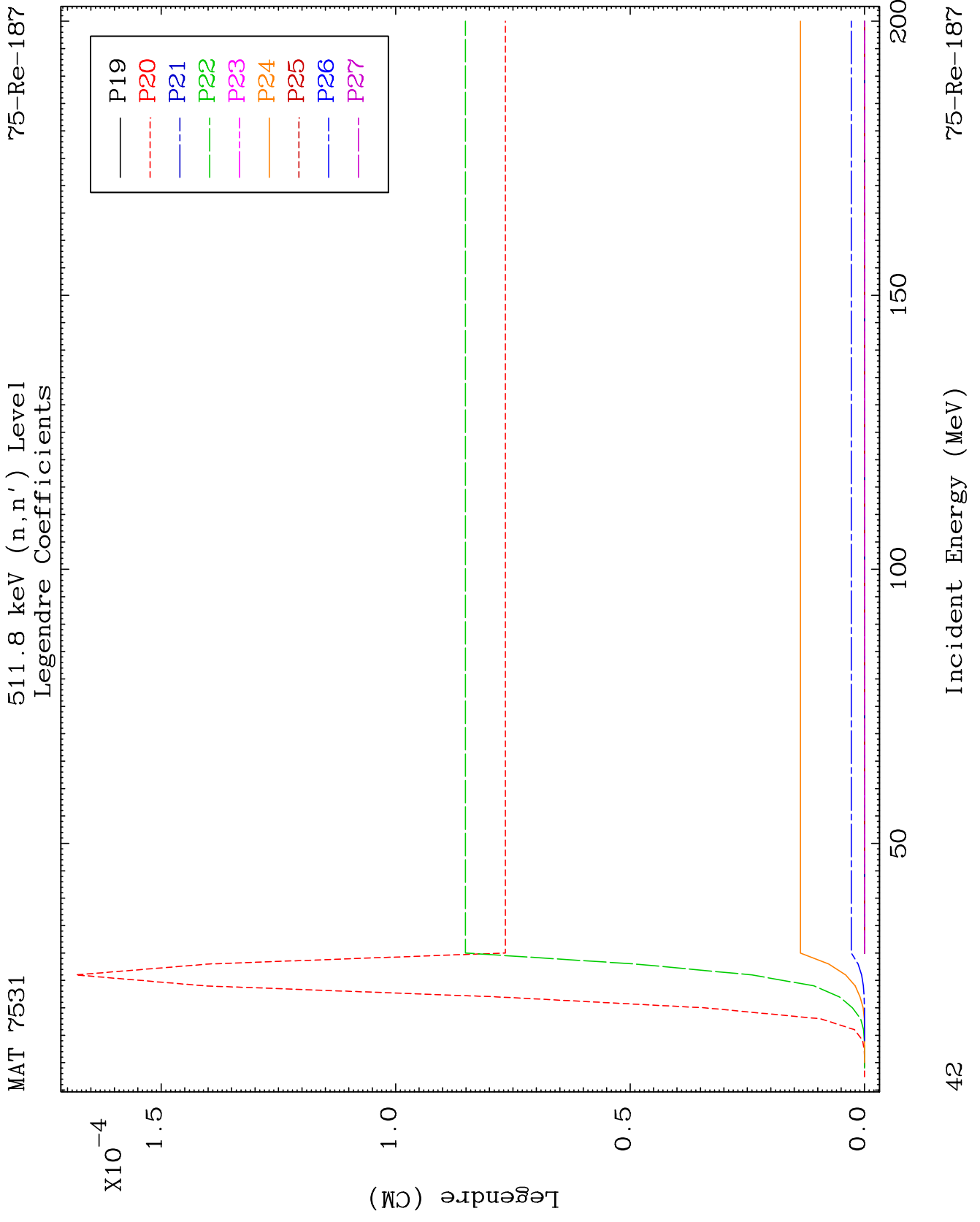
Incident Energy (MeV)

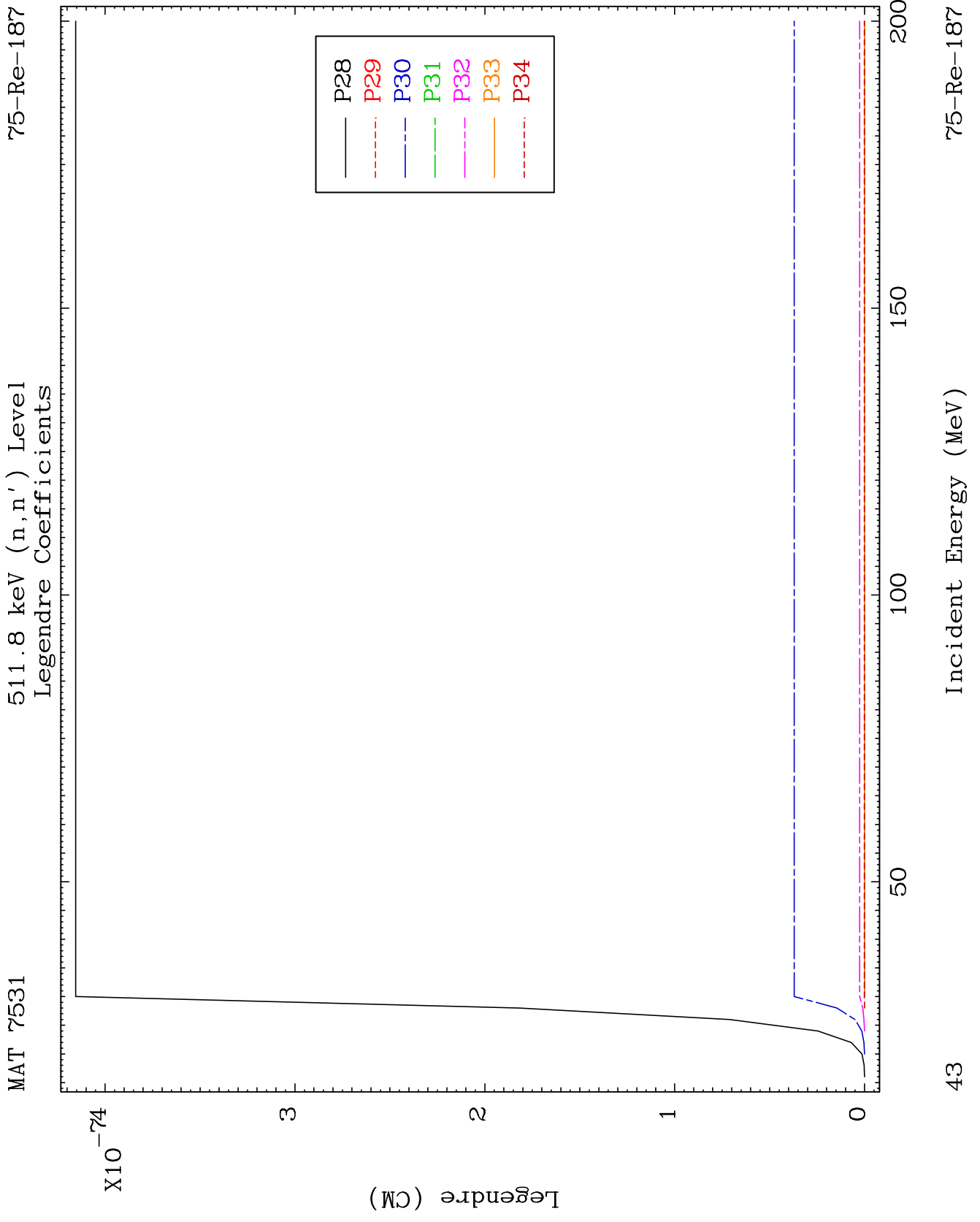
75-Re-187

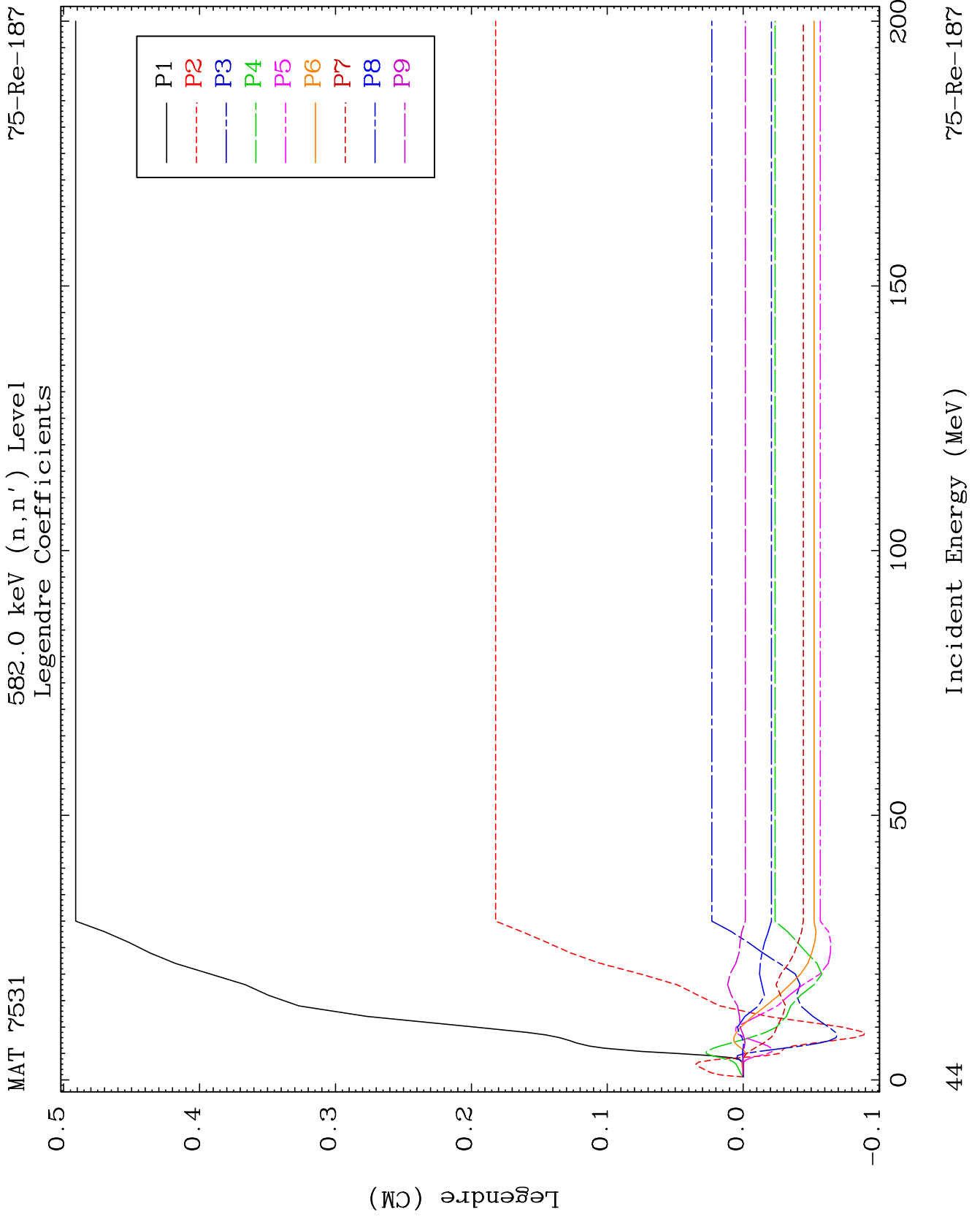


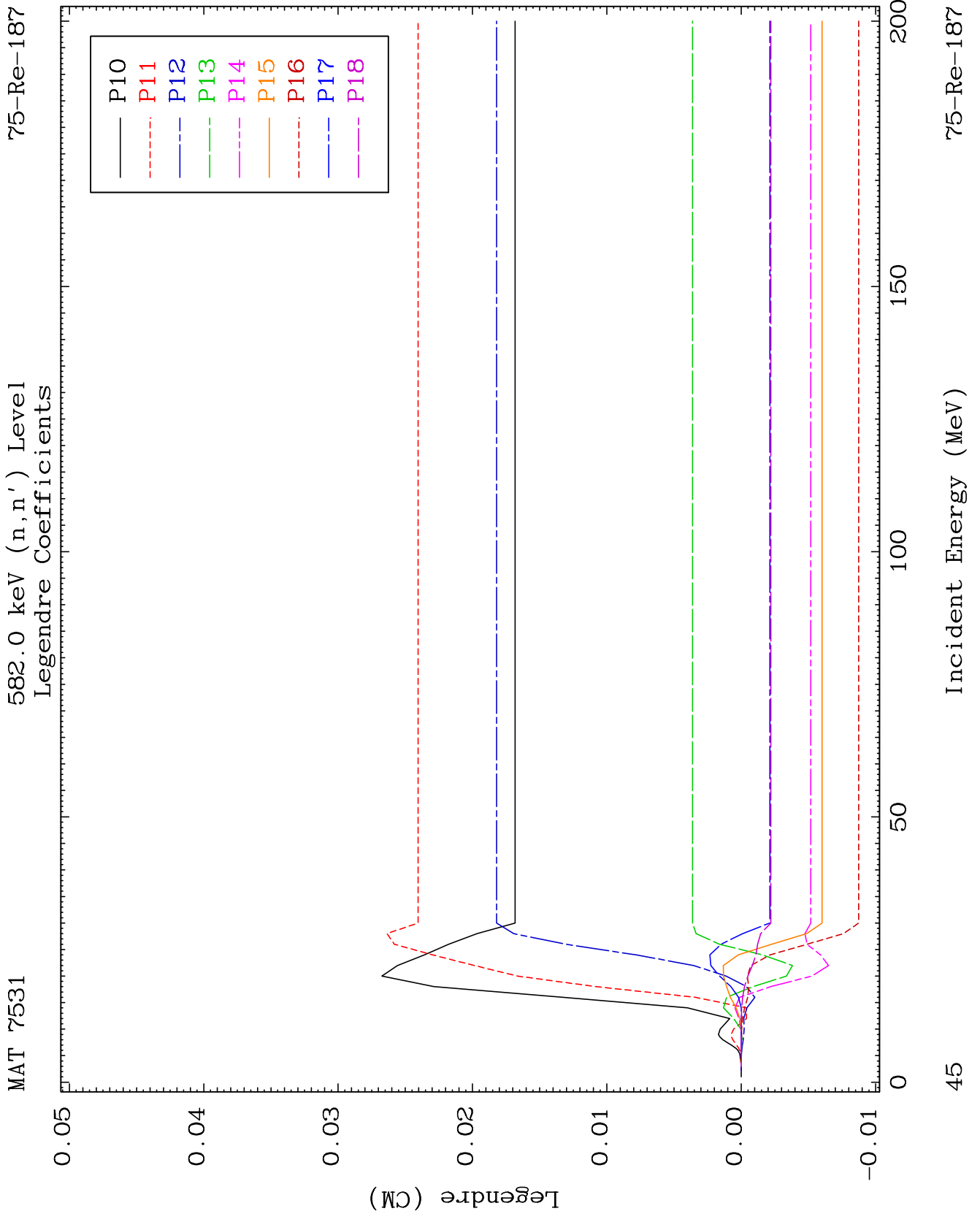


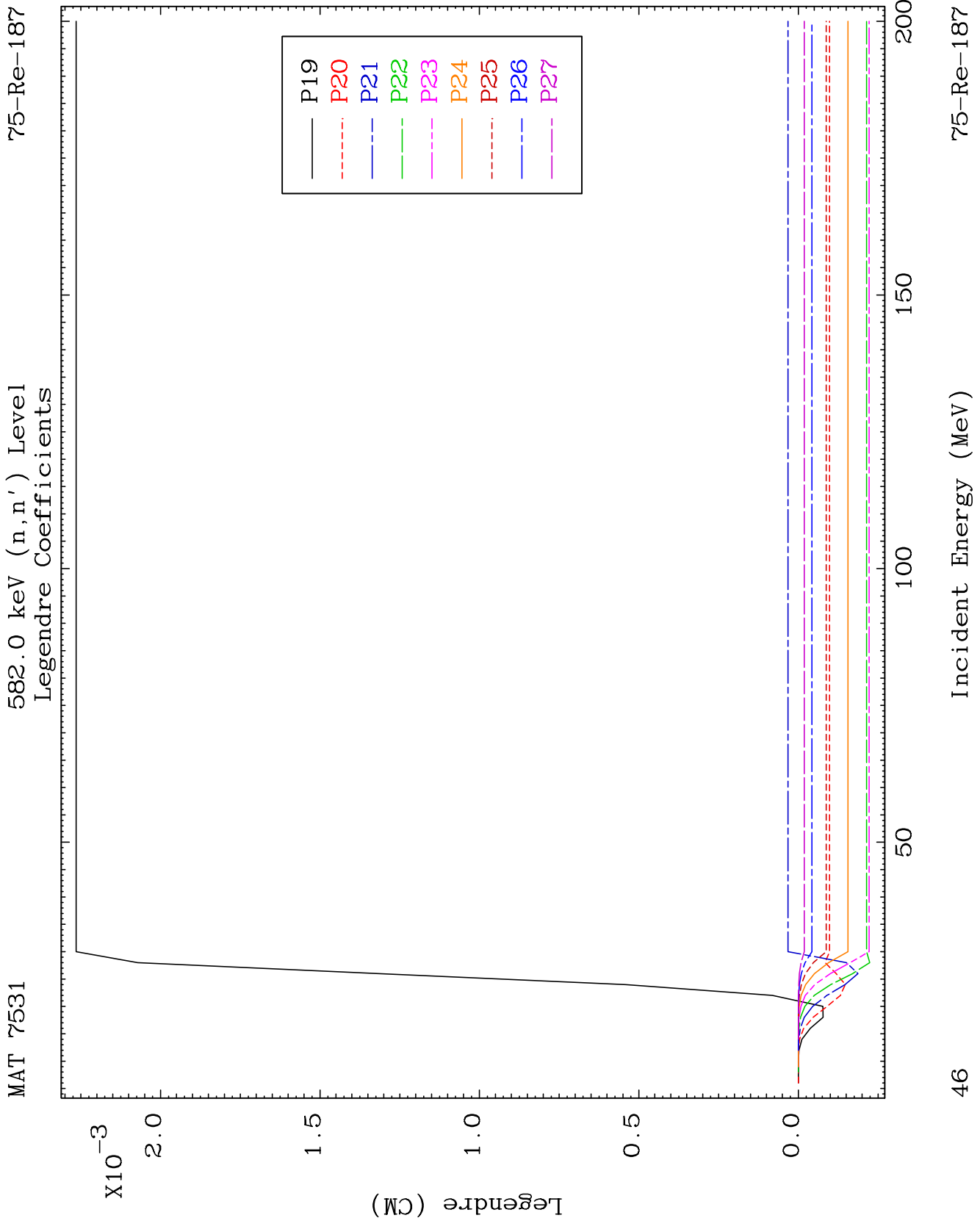






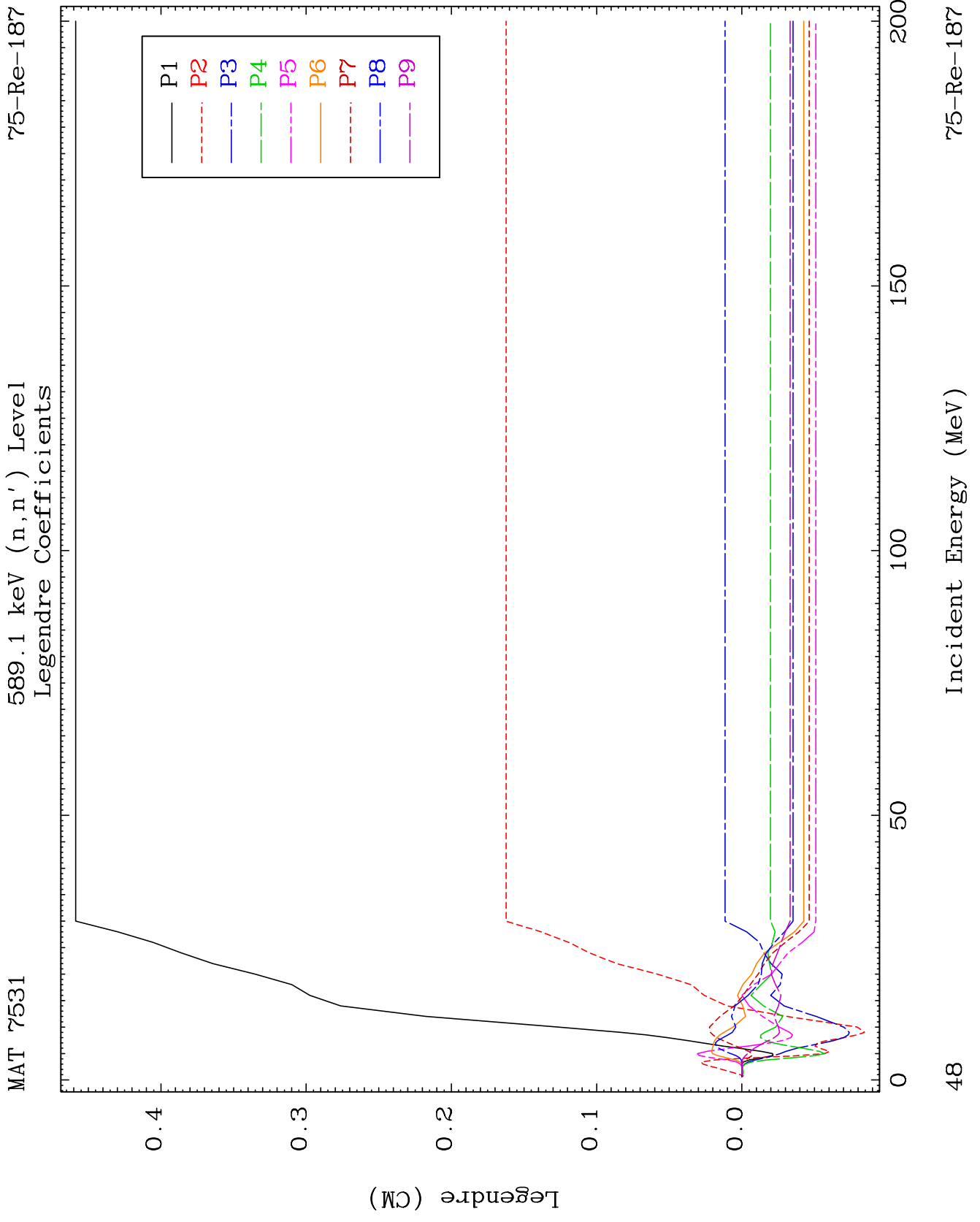




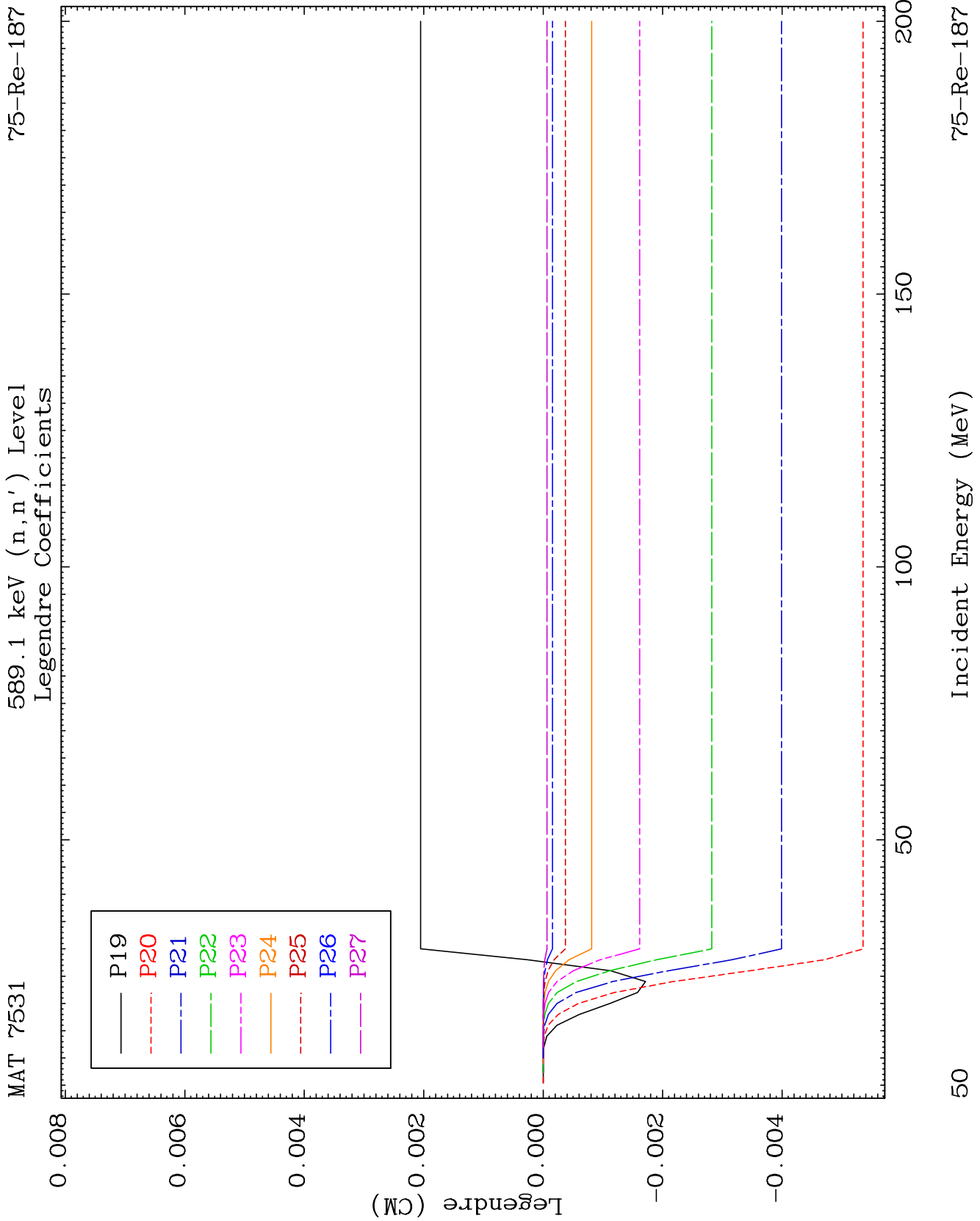


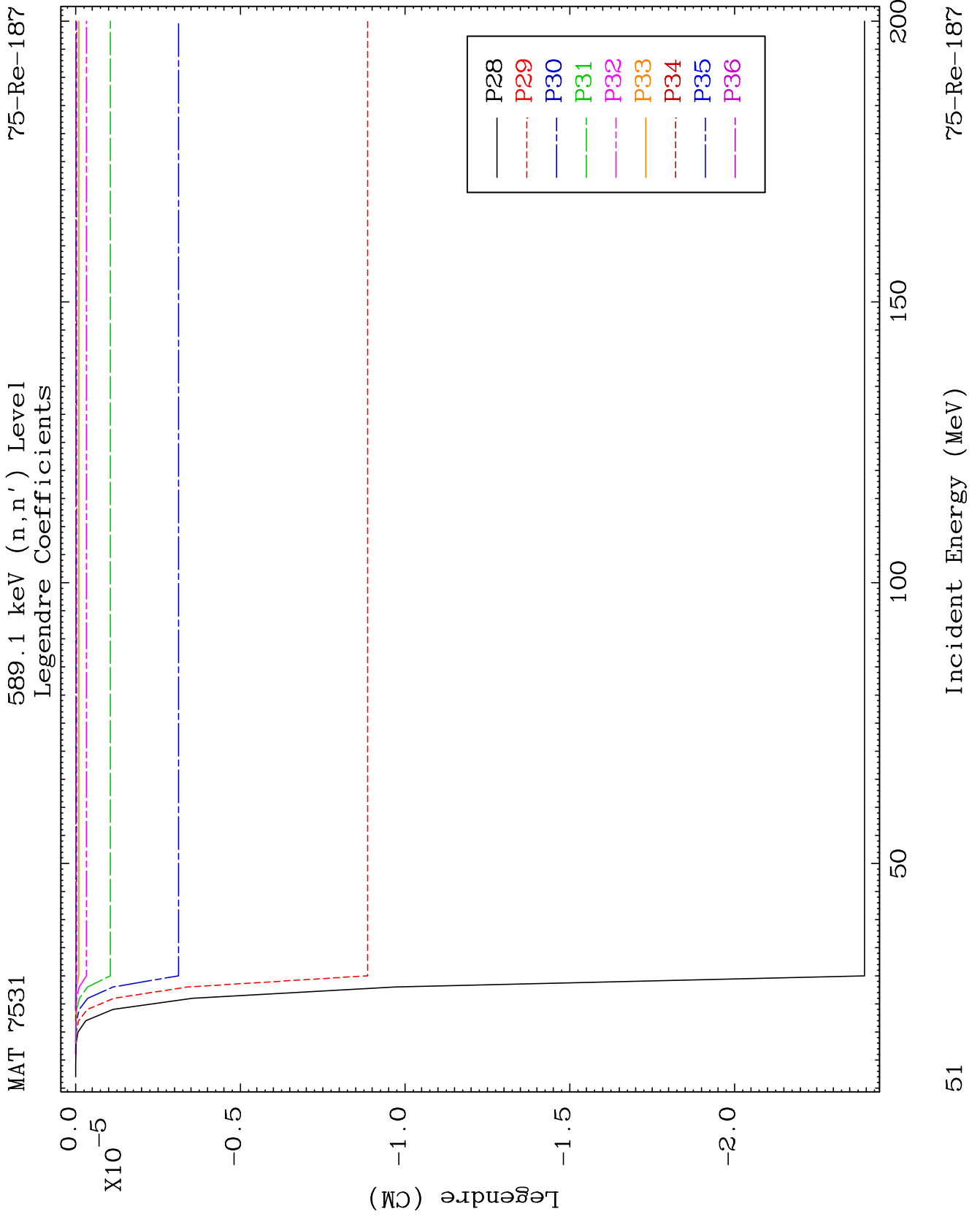


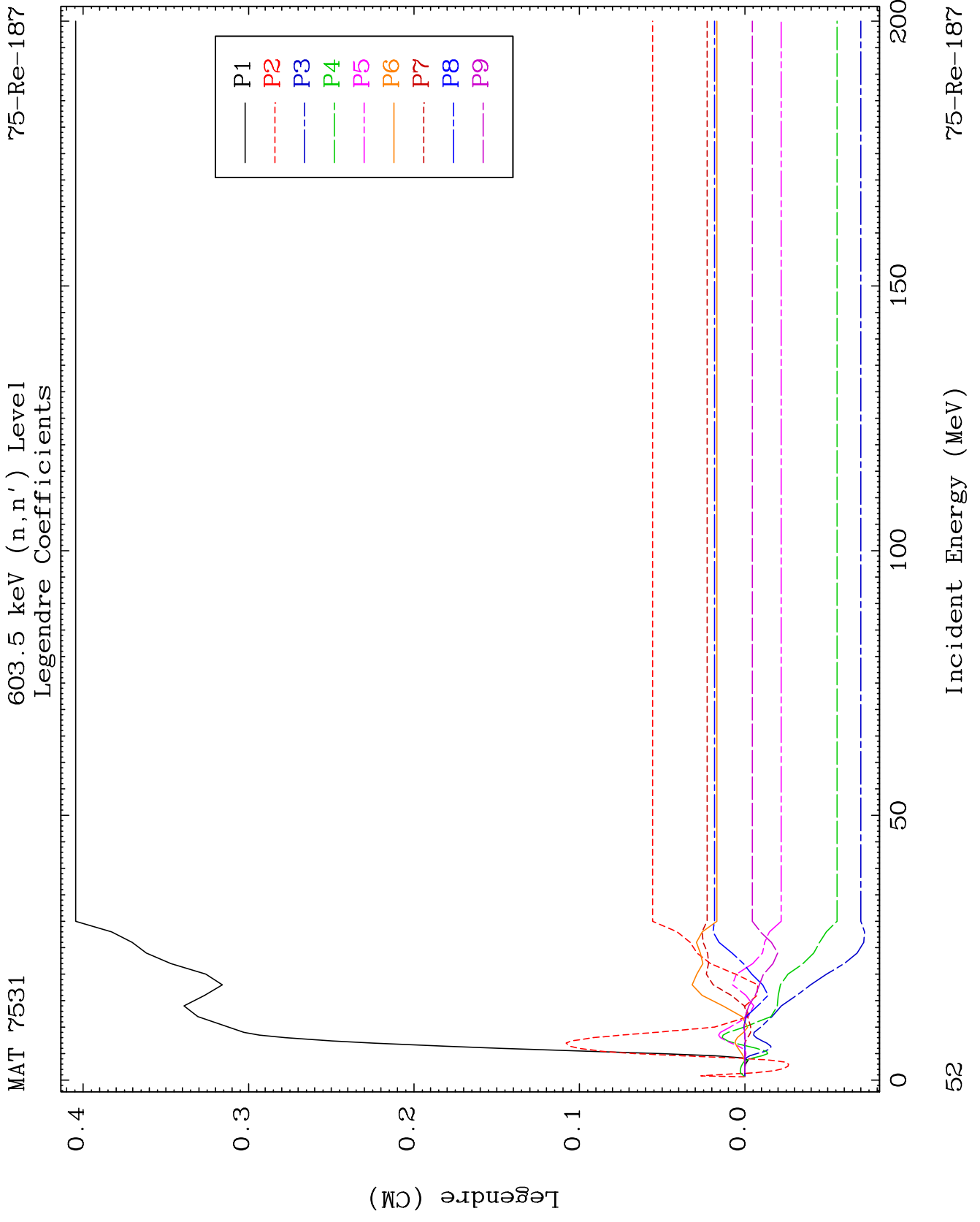








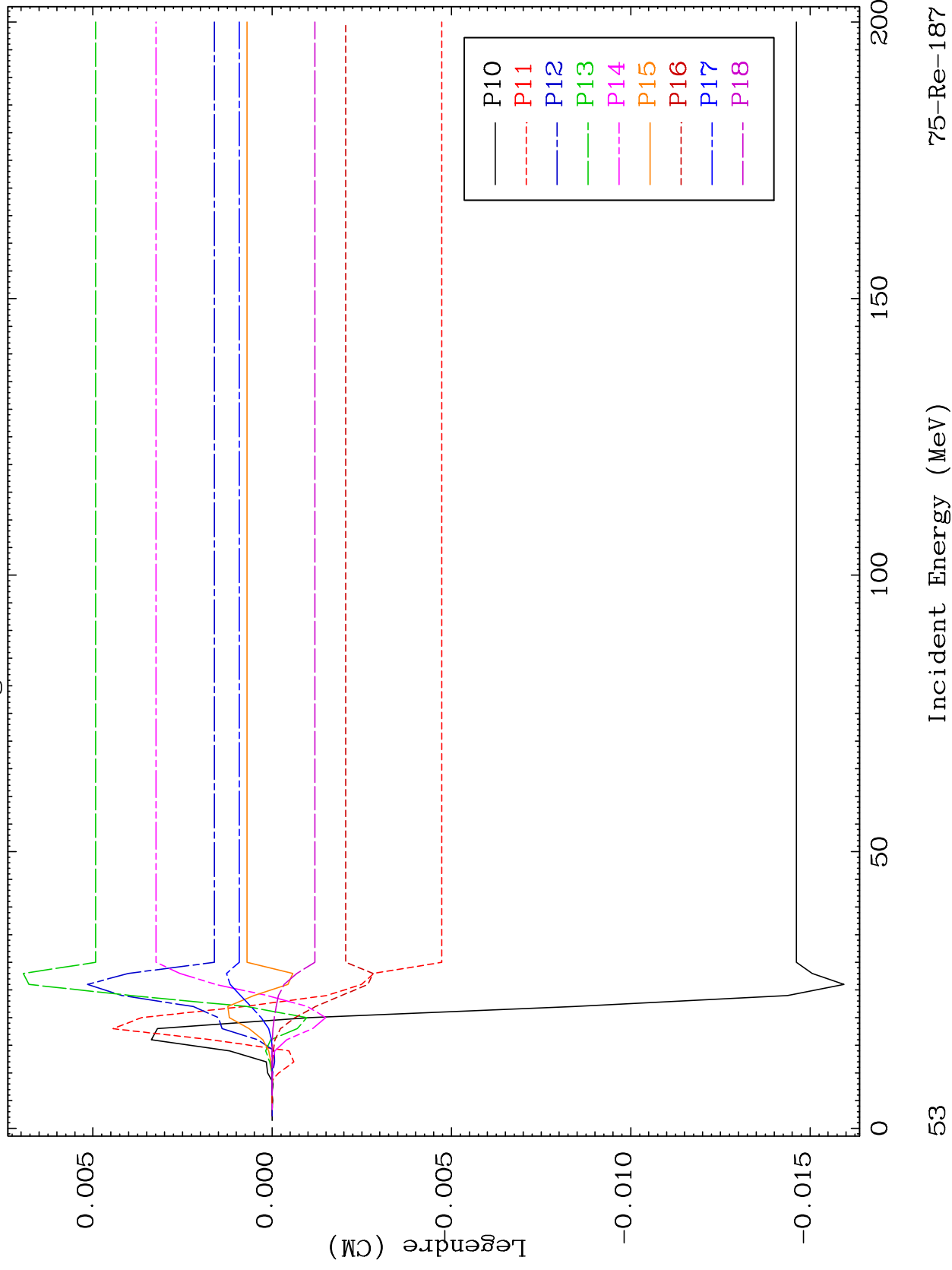




MAT 7531

603.5 keV (n,n') Level  
Legendre Coefficients

75-Re-187



75-Re-187

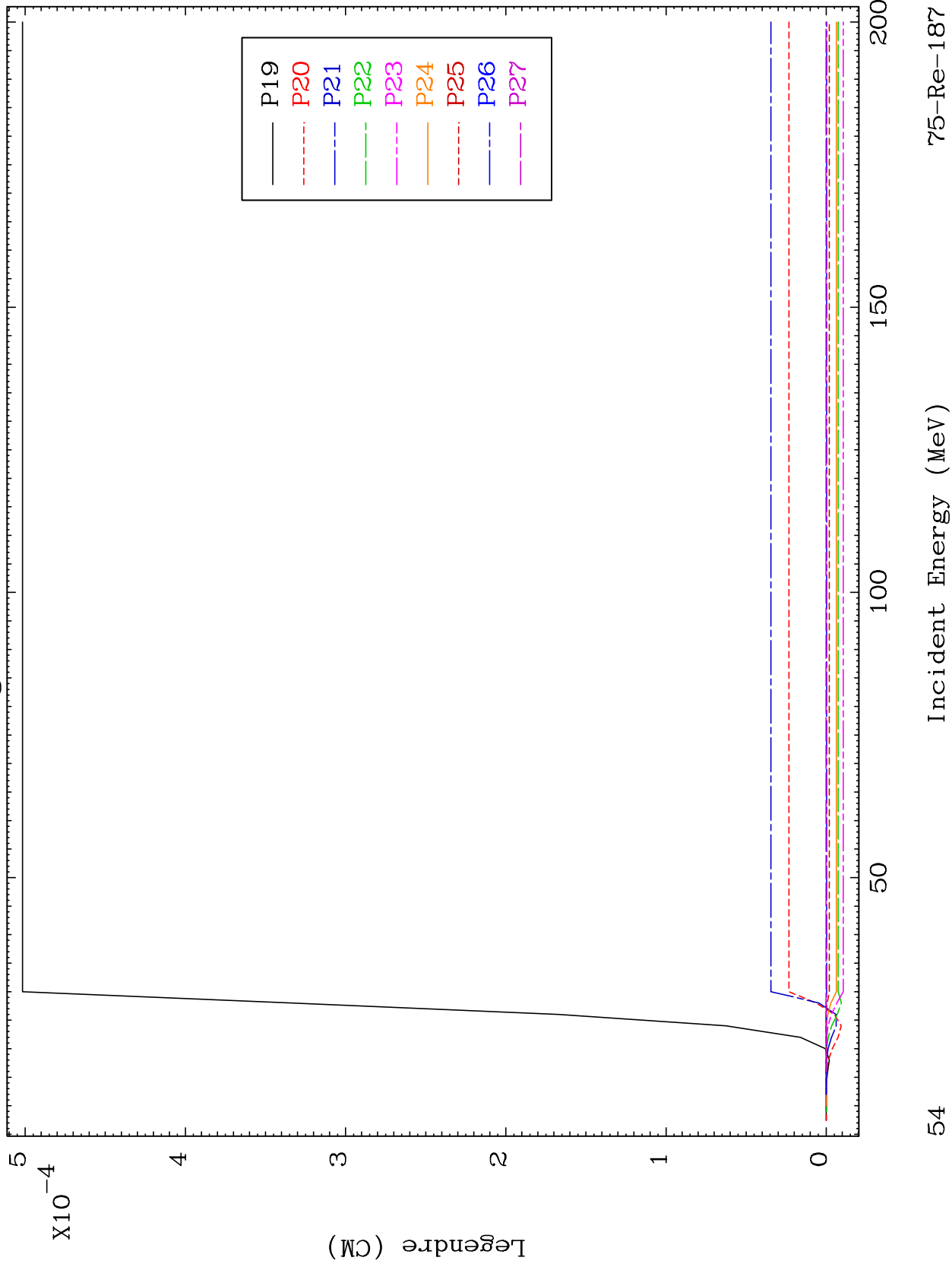
Incident Energy (MeV)

53

MAT 7531

603.5 keV (n,n') Level  
Legendre Coefficients

75-Re-187



54

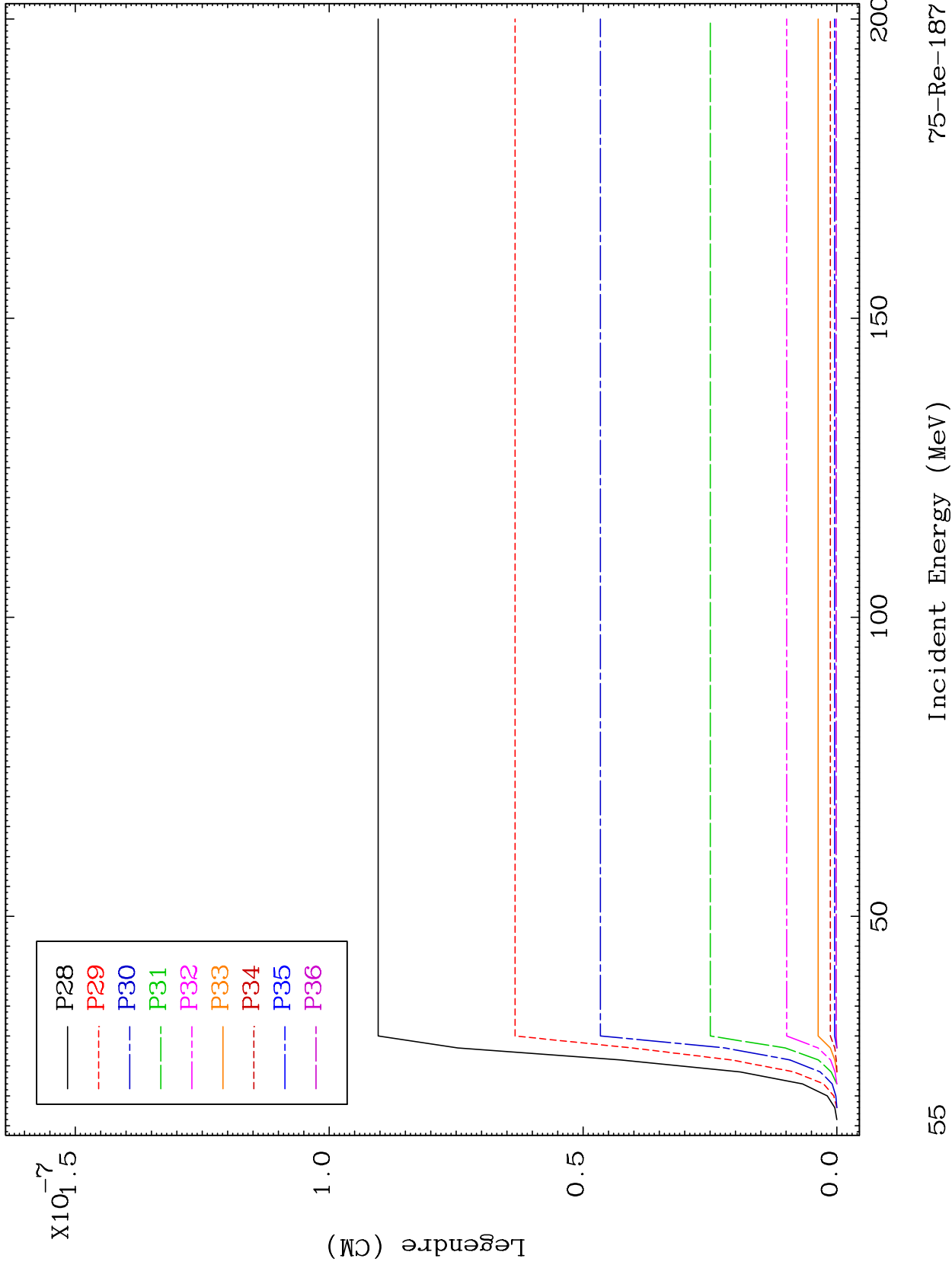
Incident Energy (MeV)

75-Re-187

MAT 7531

603.5 keV (n,n') Level  
Legendre Coefficients

75-Re-187

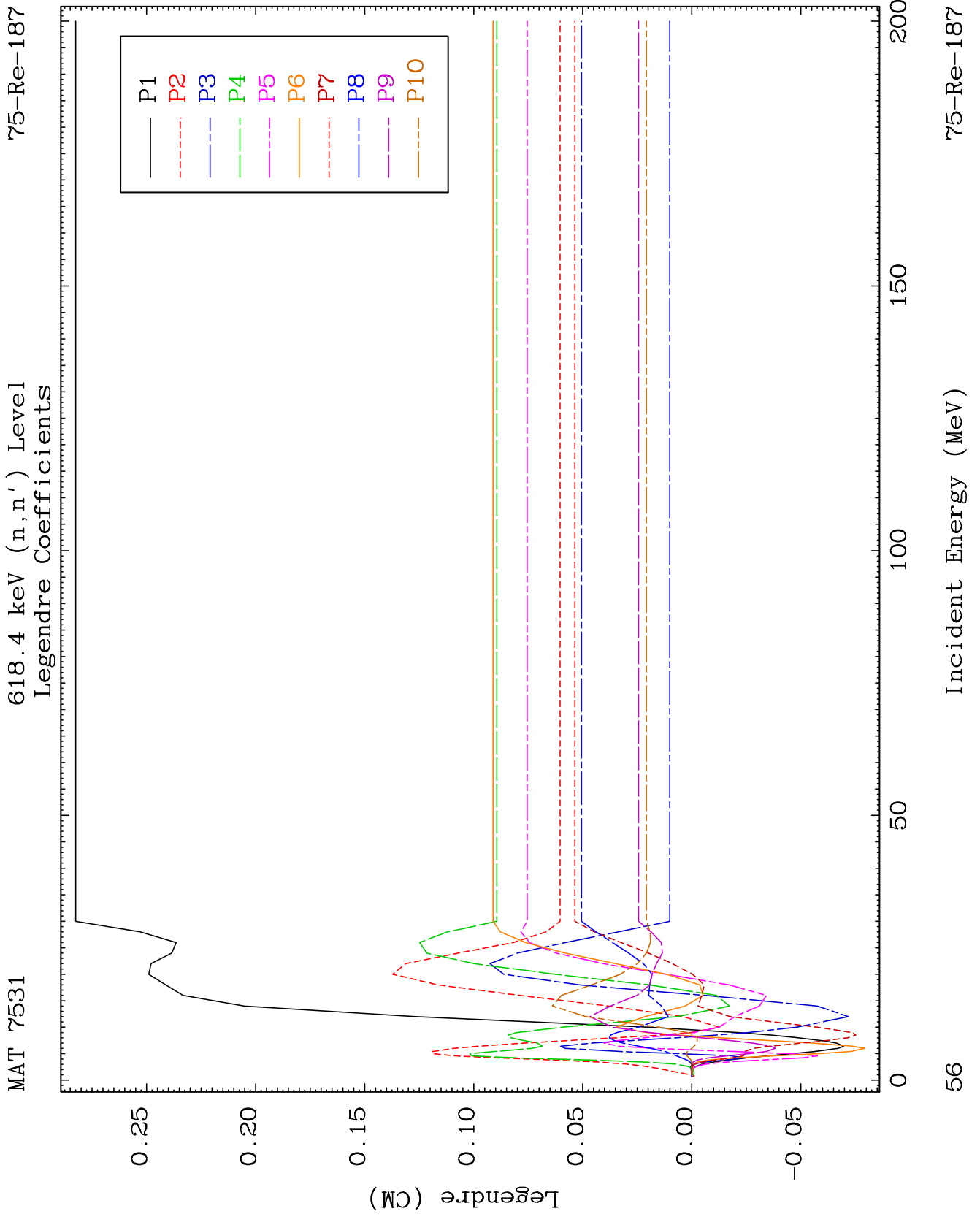


55

Incident Energy (MeV)

75-Re-187

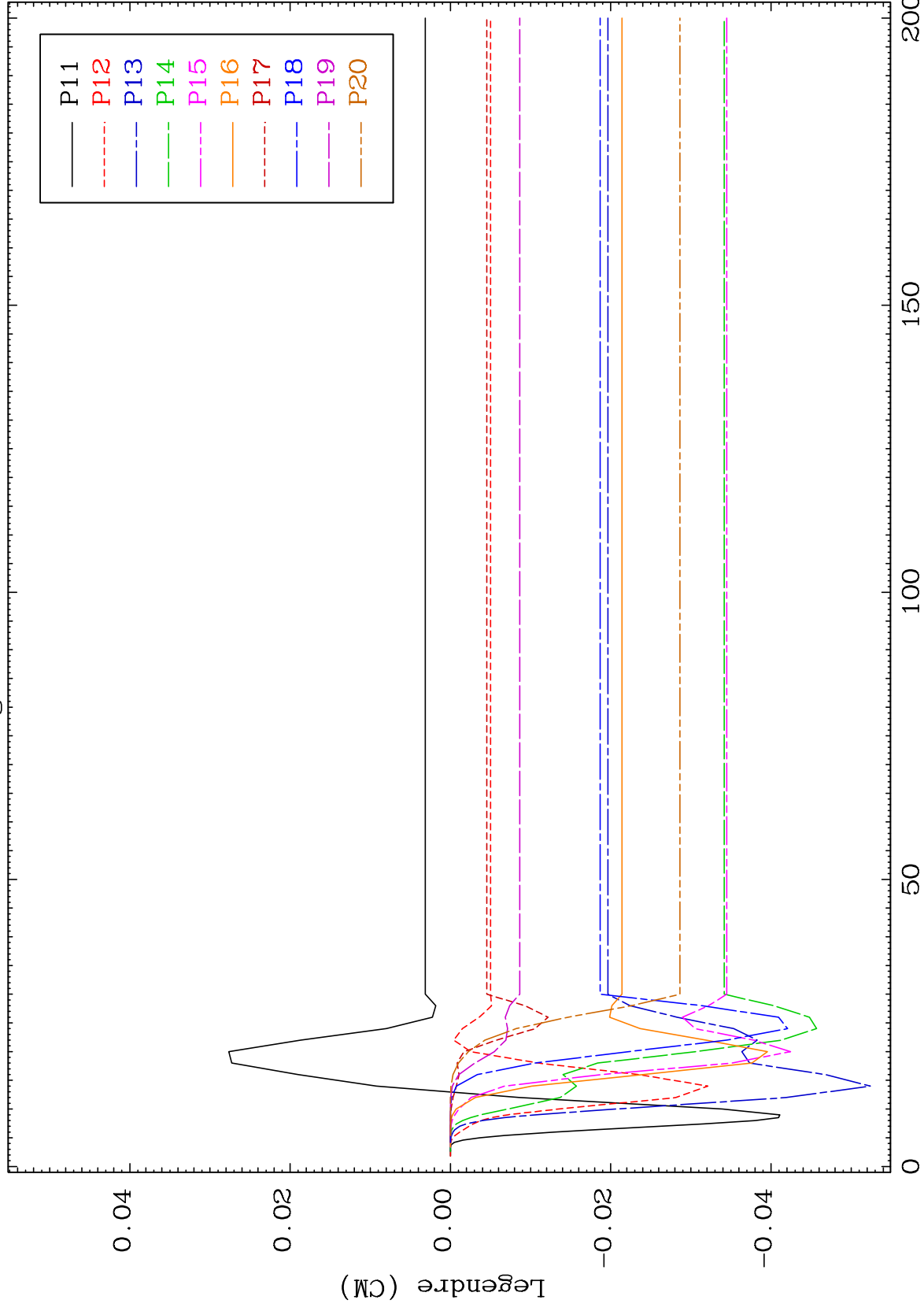




MAT 7531

618.4 keV (n,n') Level  
Legendre Coefficients

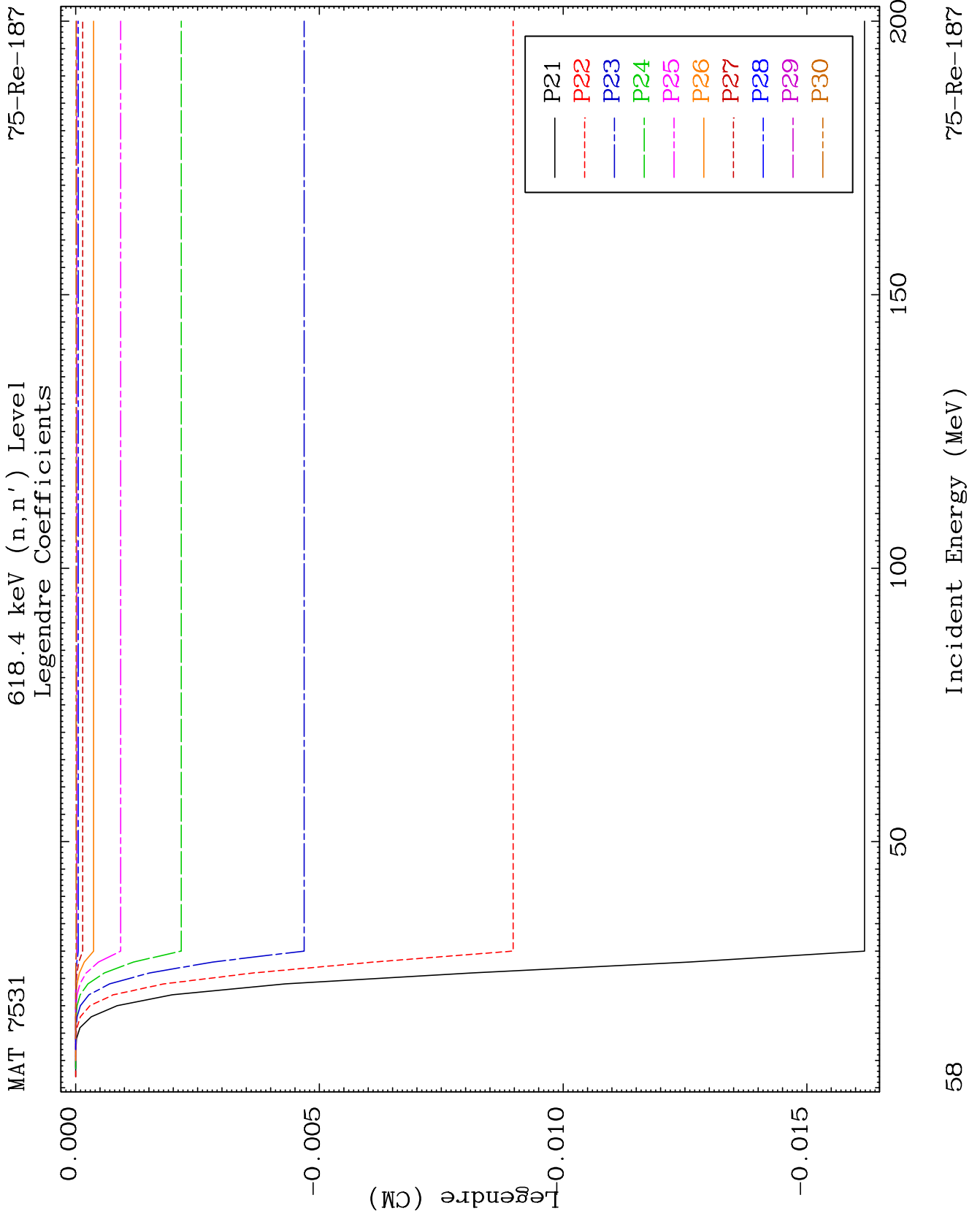
75-Re-187

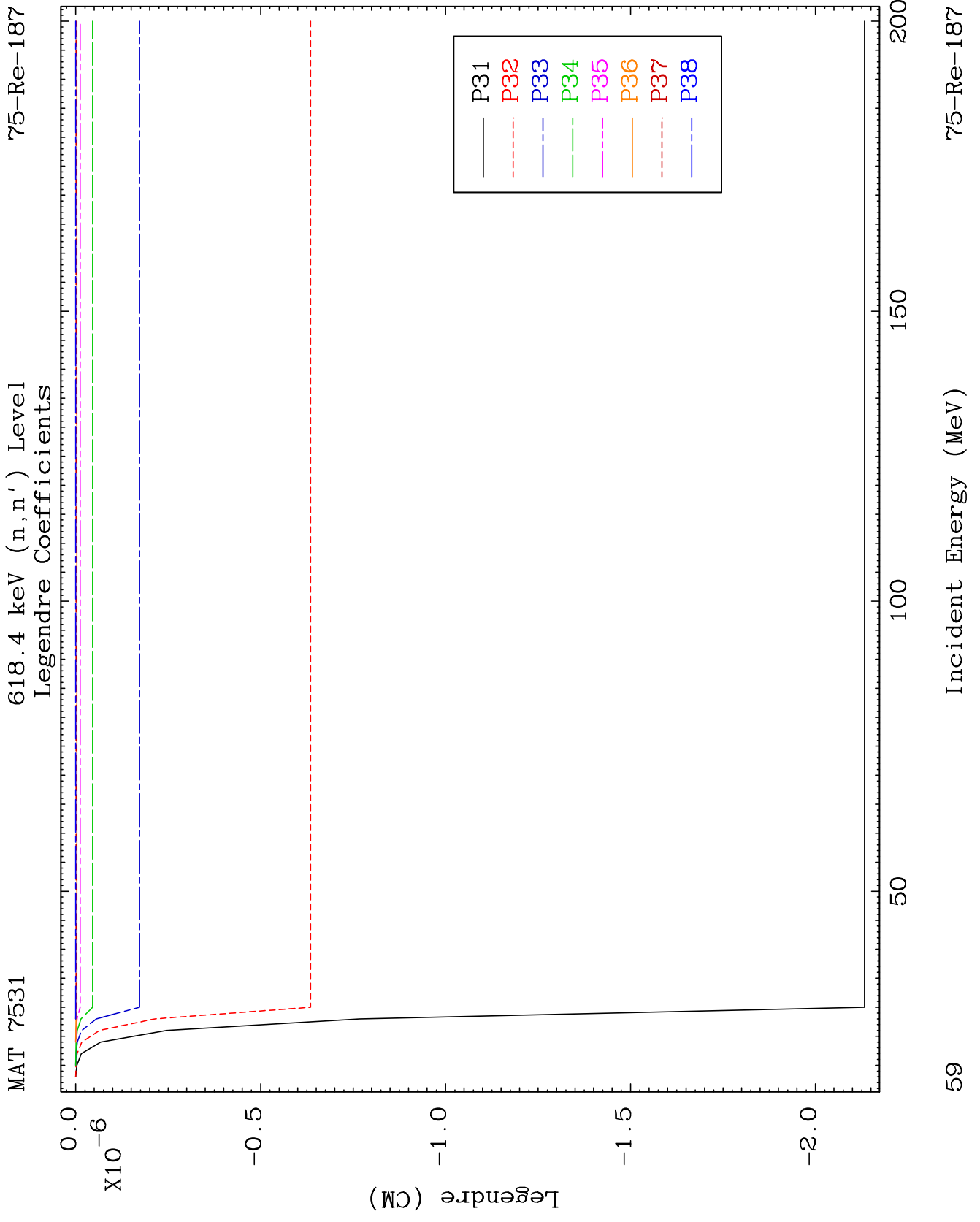


57

Incident Energy (MeV)

75-Re-187



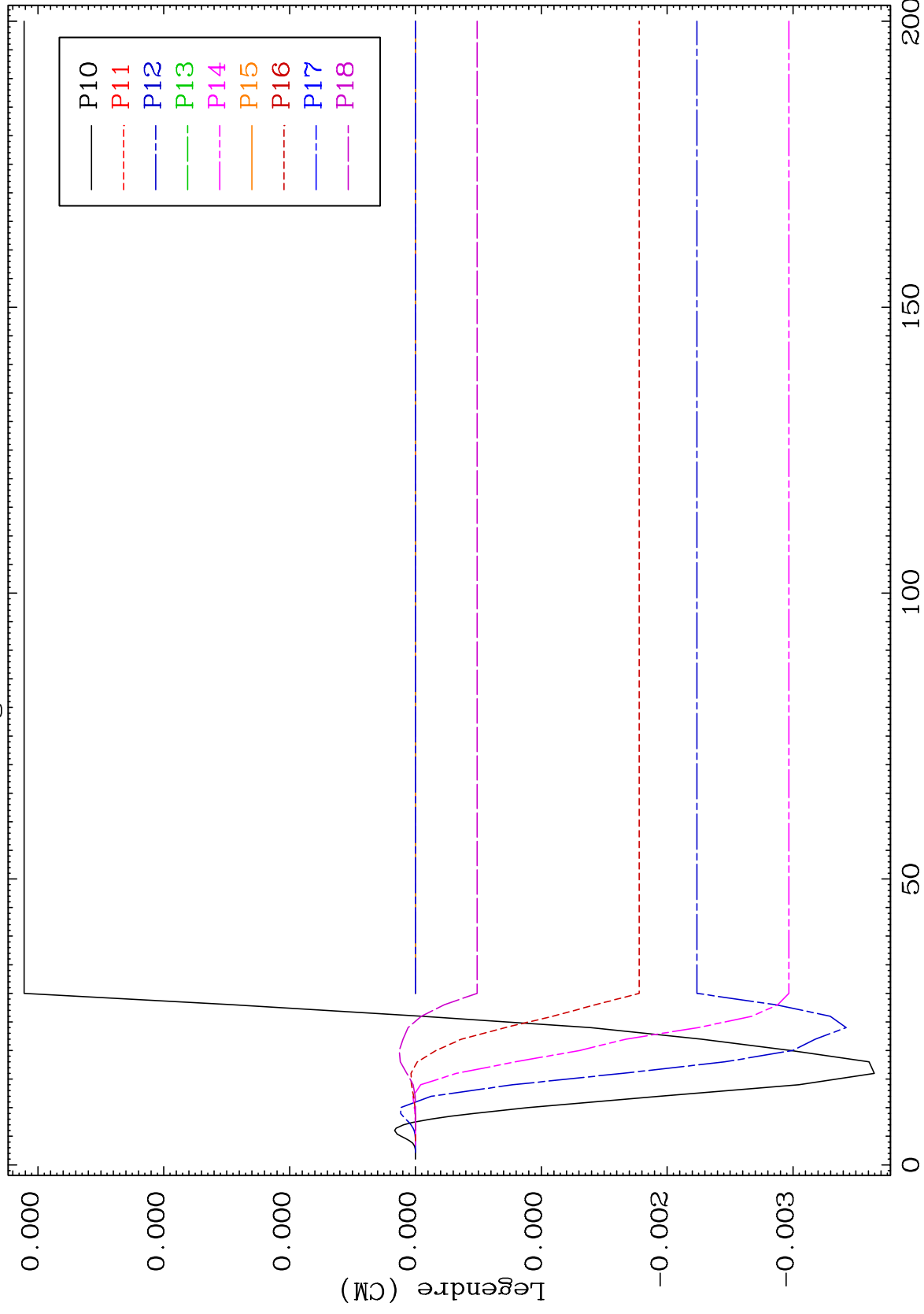




MAT 7531

625.5 keV (n,n') Level  
Legendre Coefficients

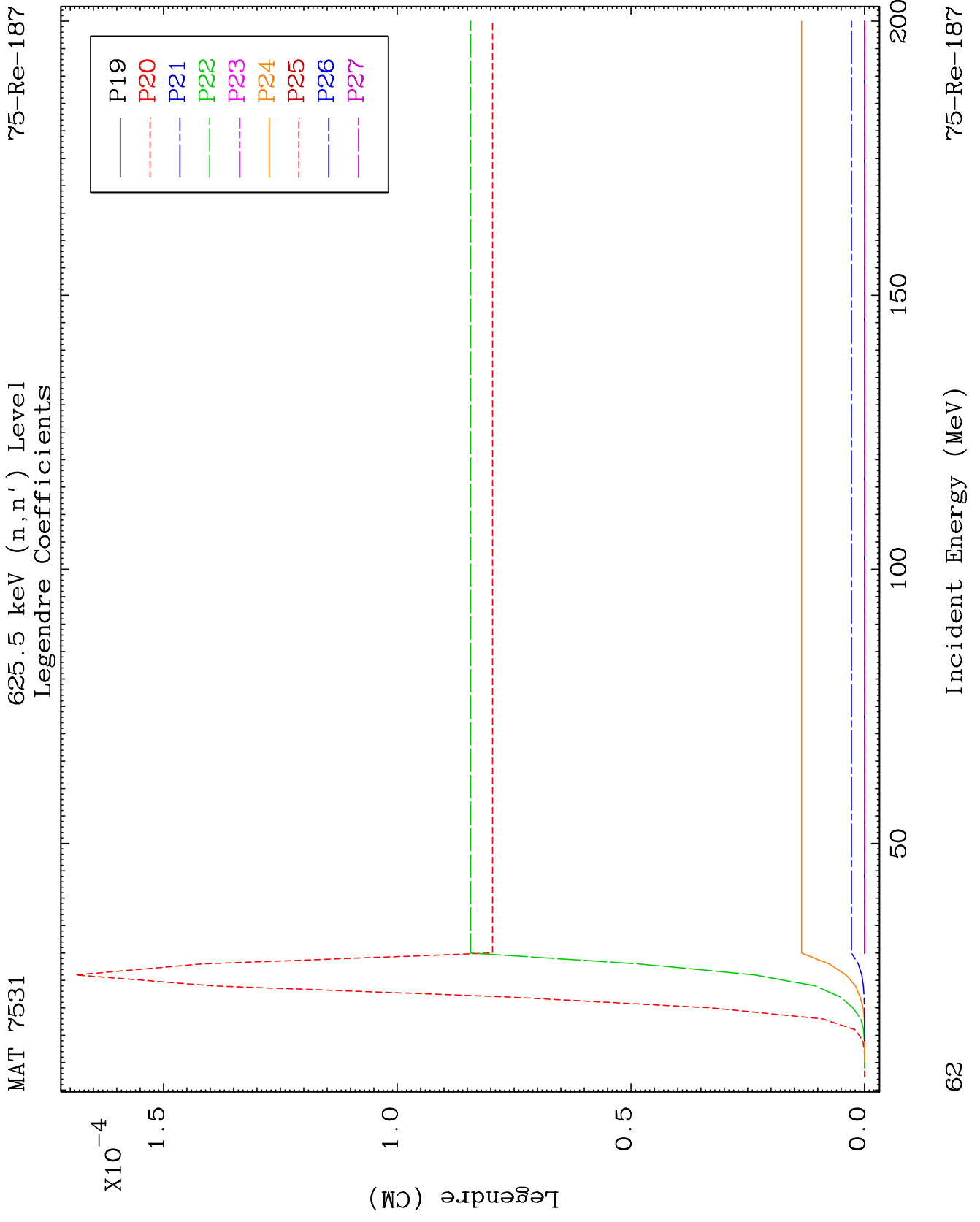
75-Re-187

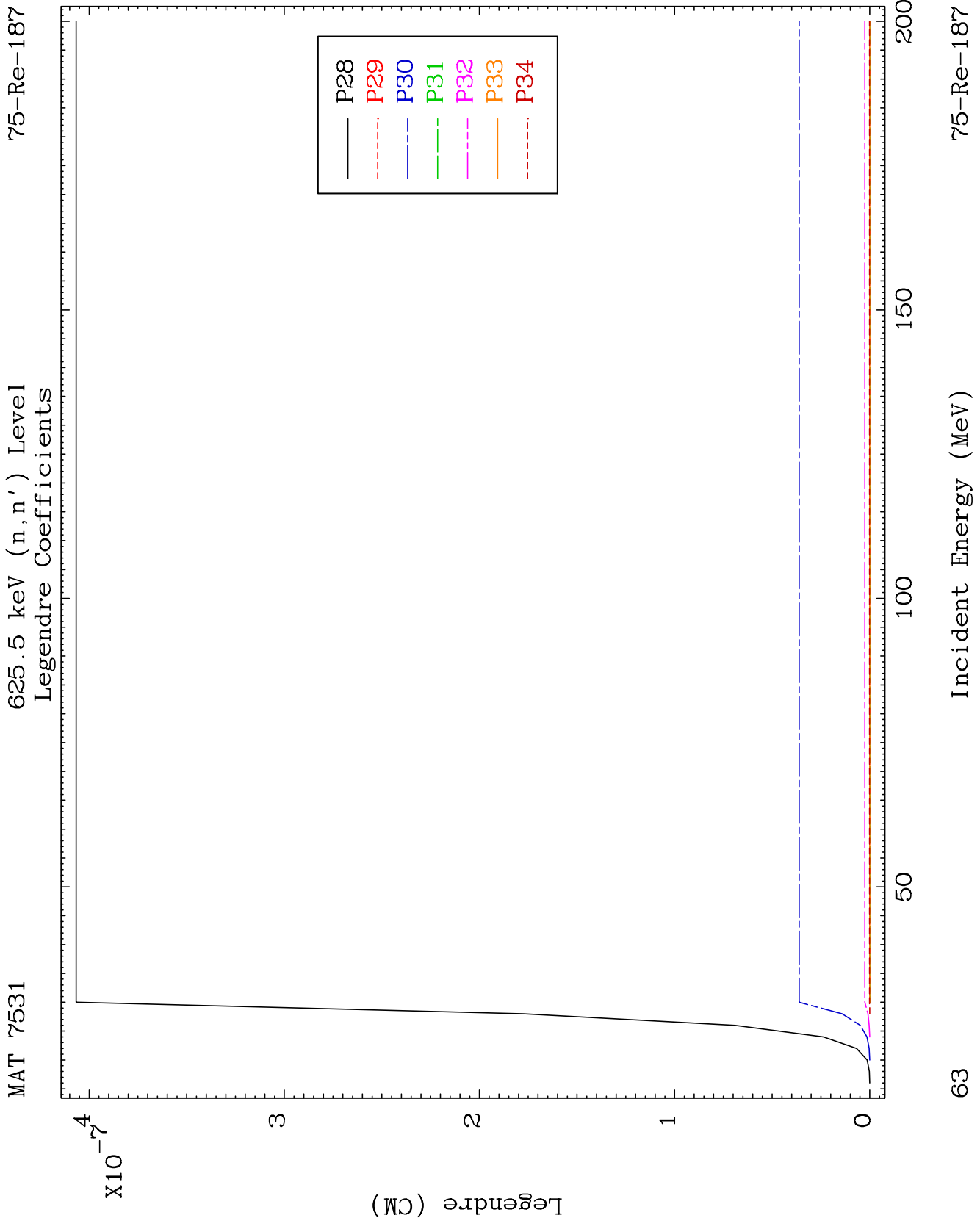


61

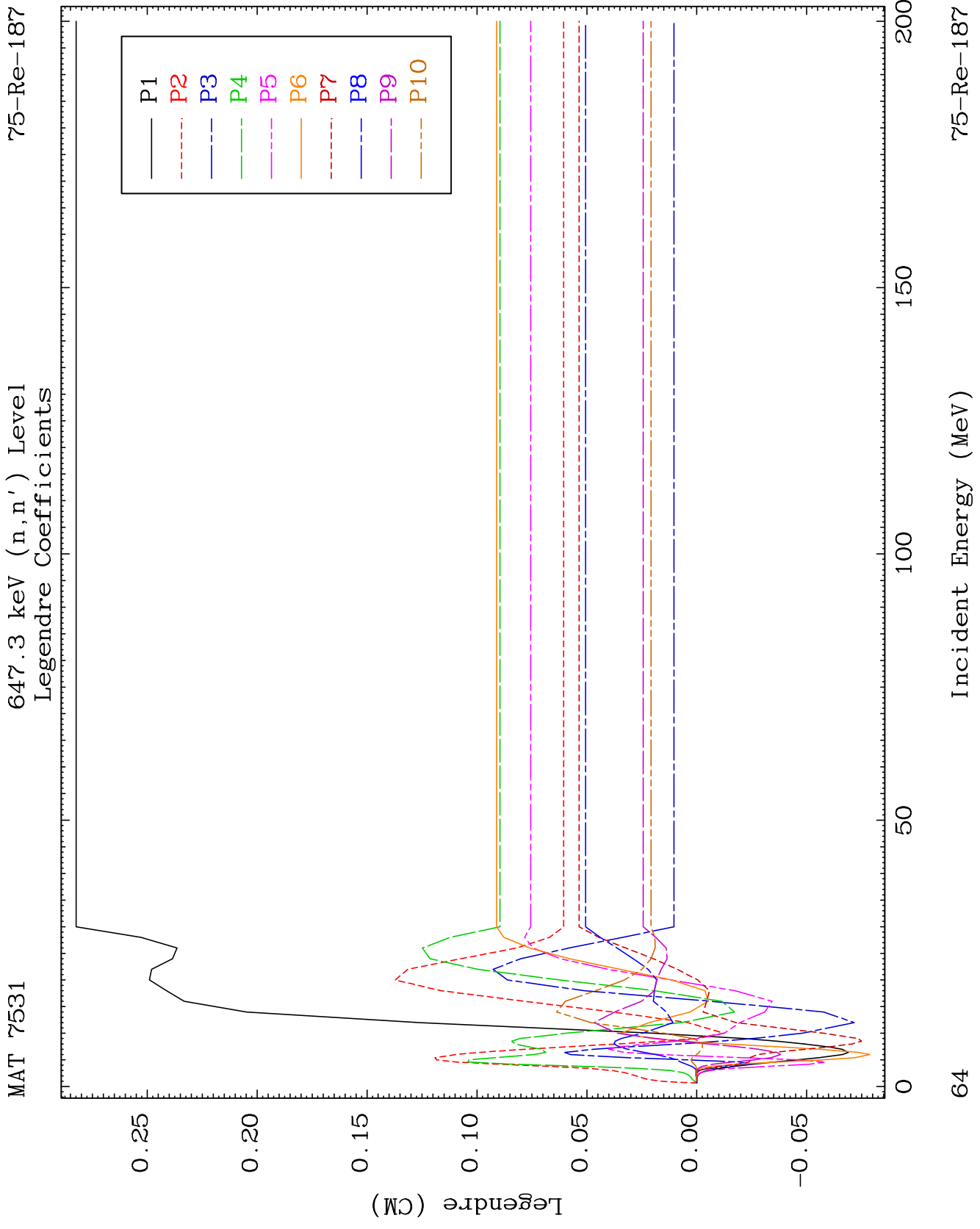
Incident Energy (MeV)

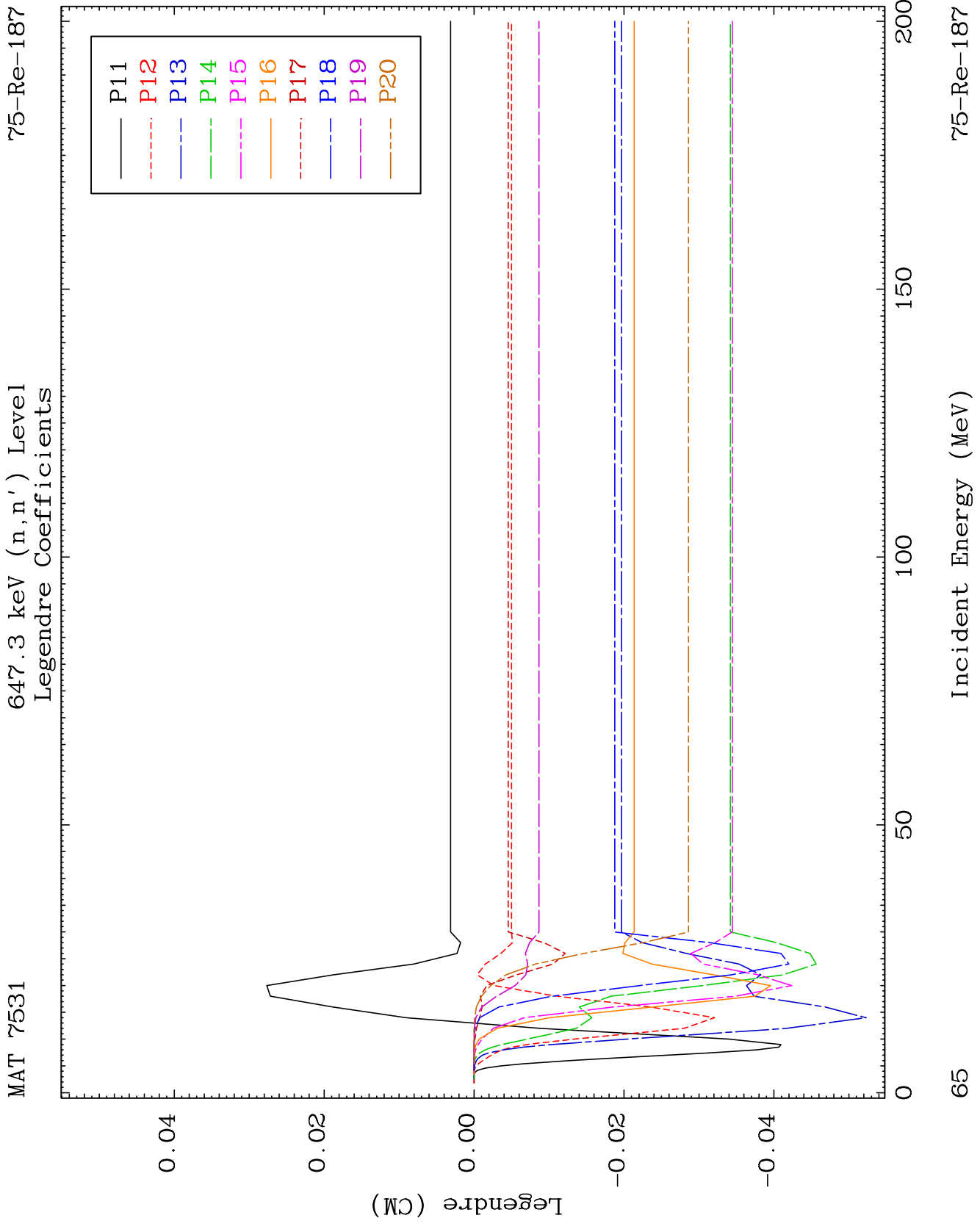
75-Re-187

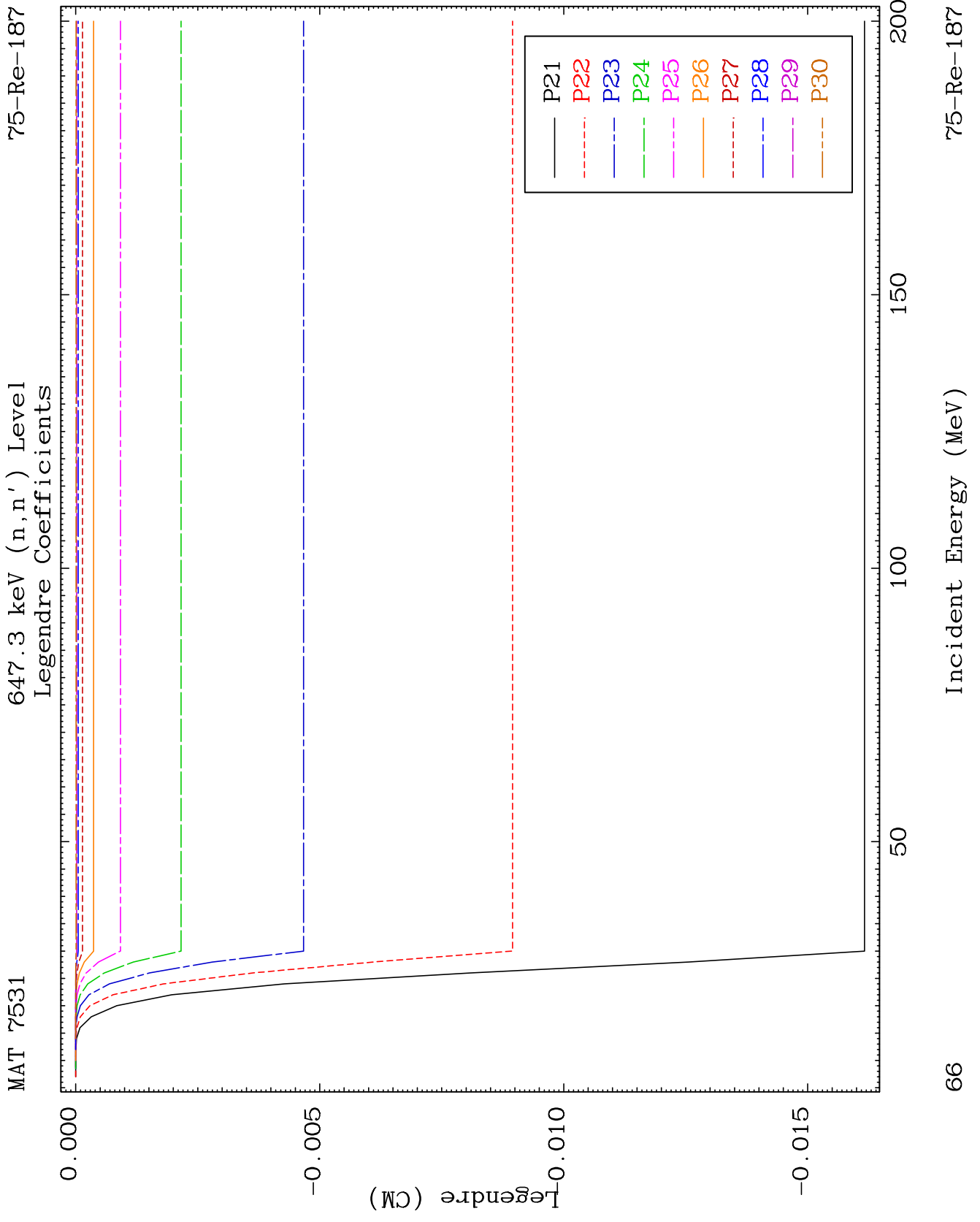


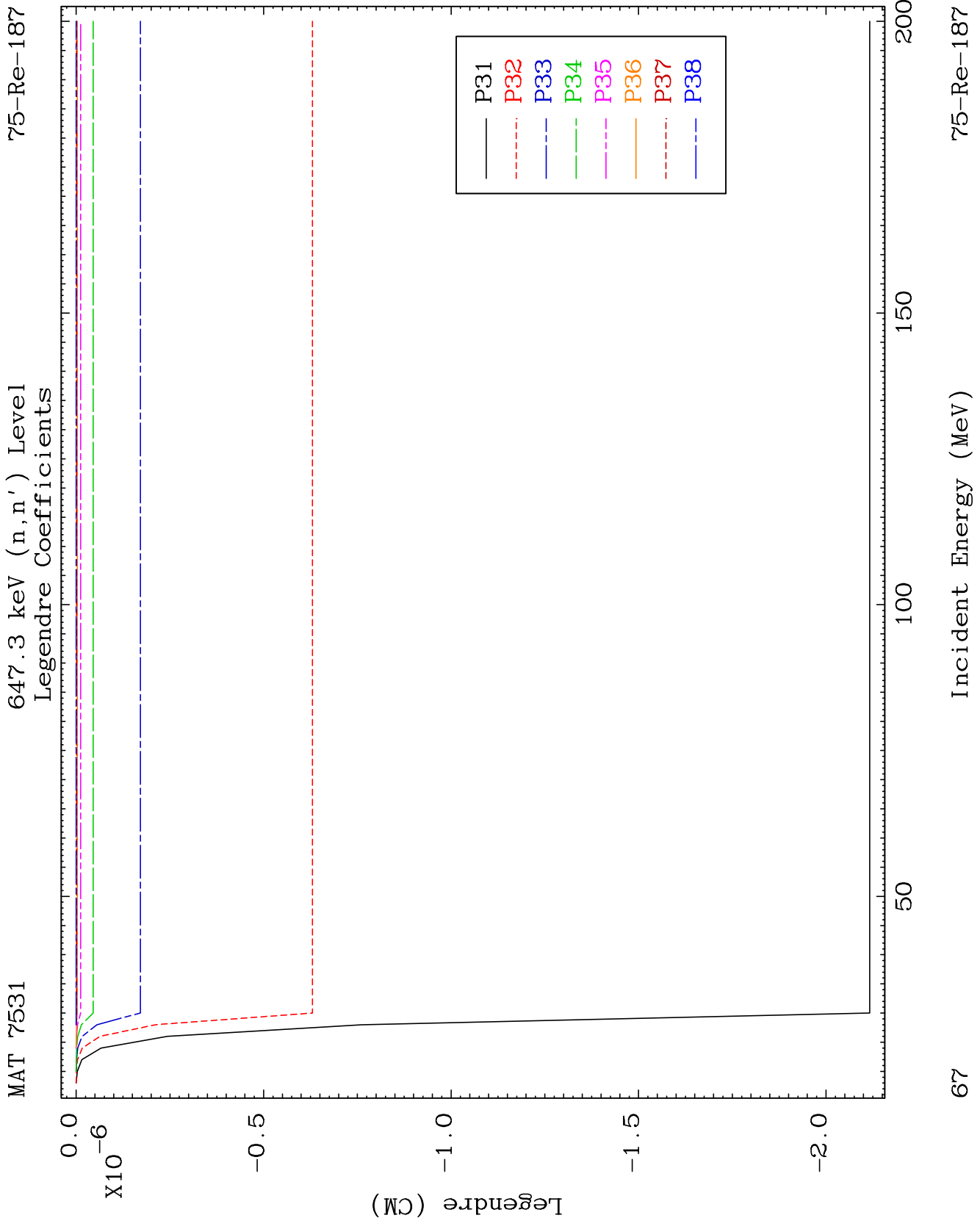


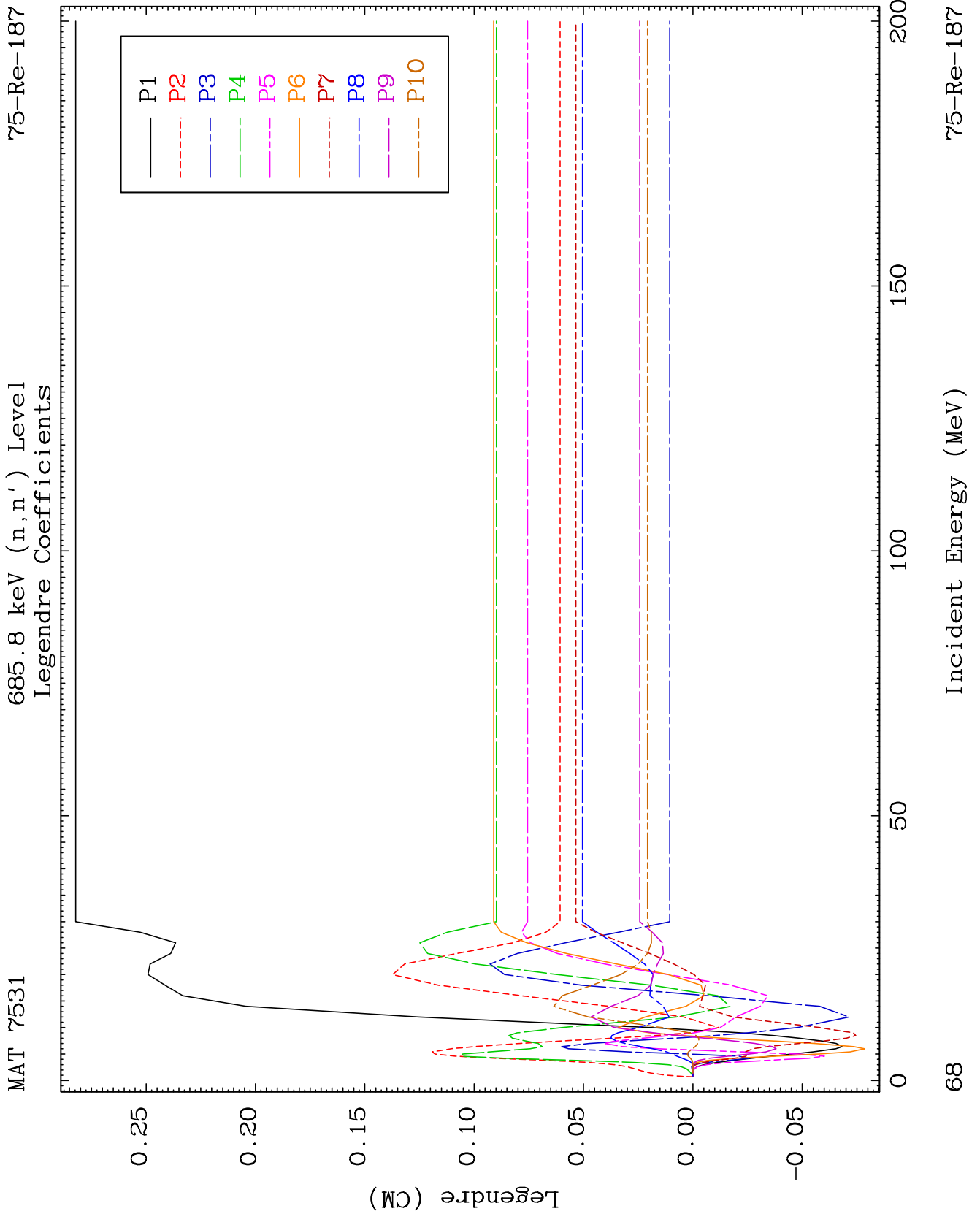


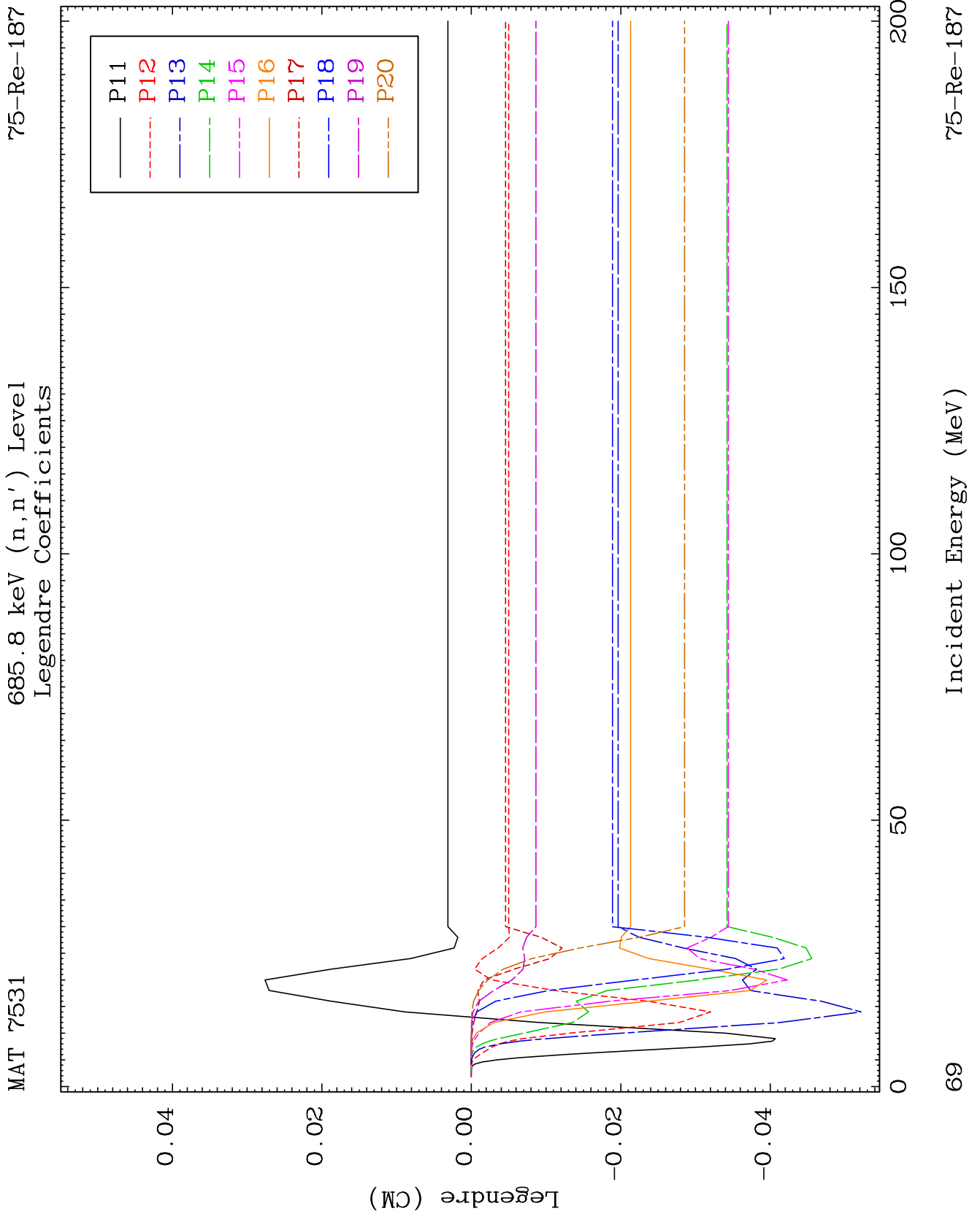




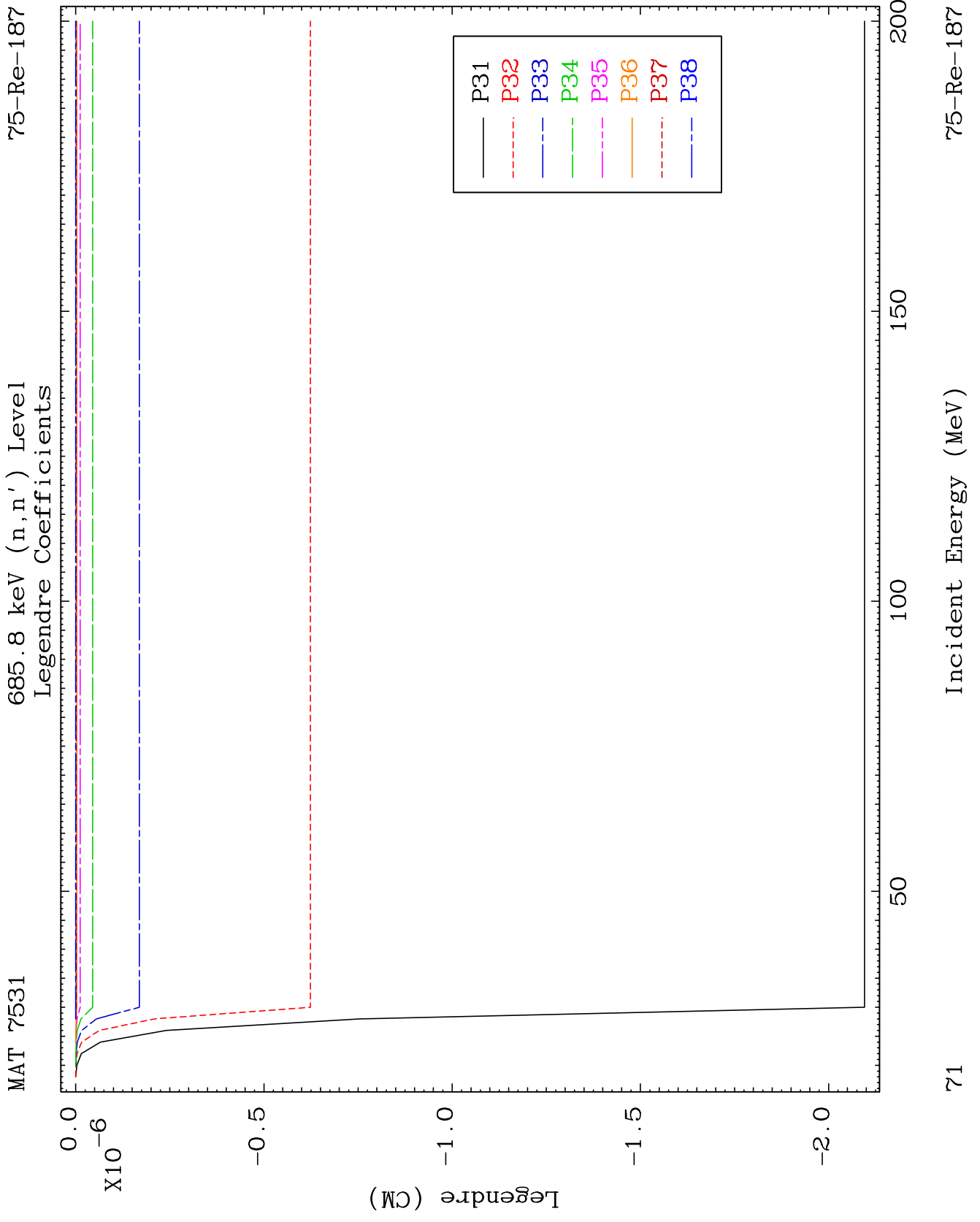






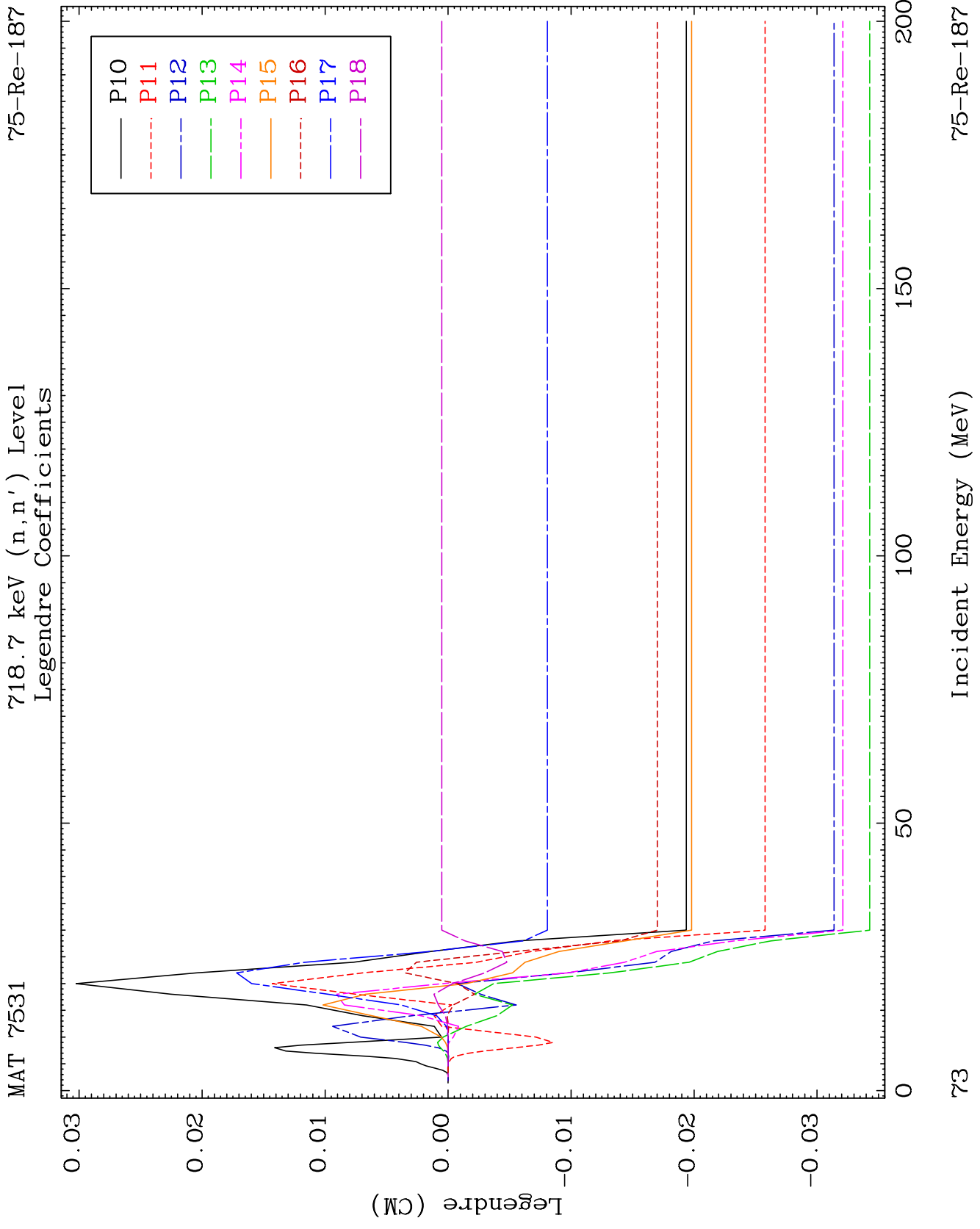




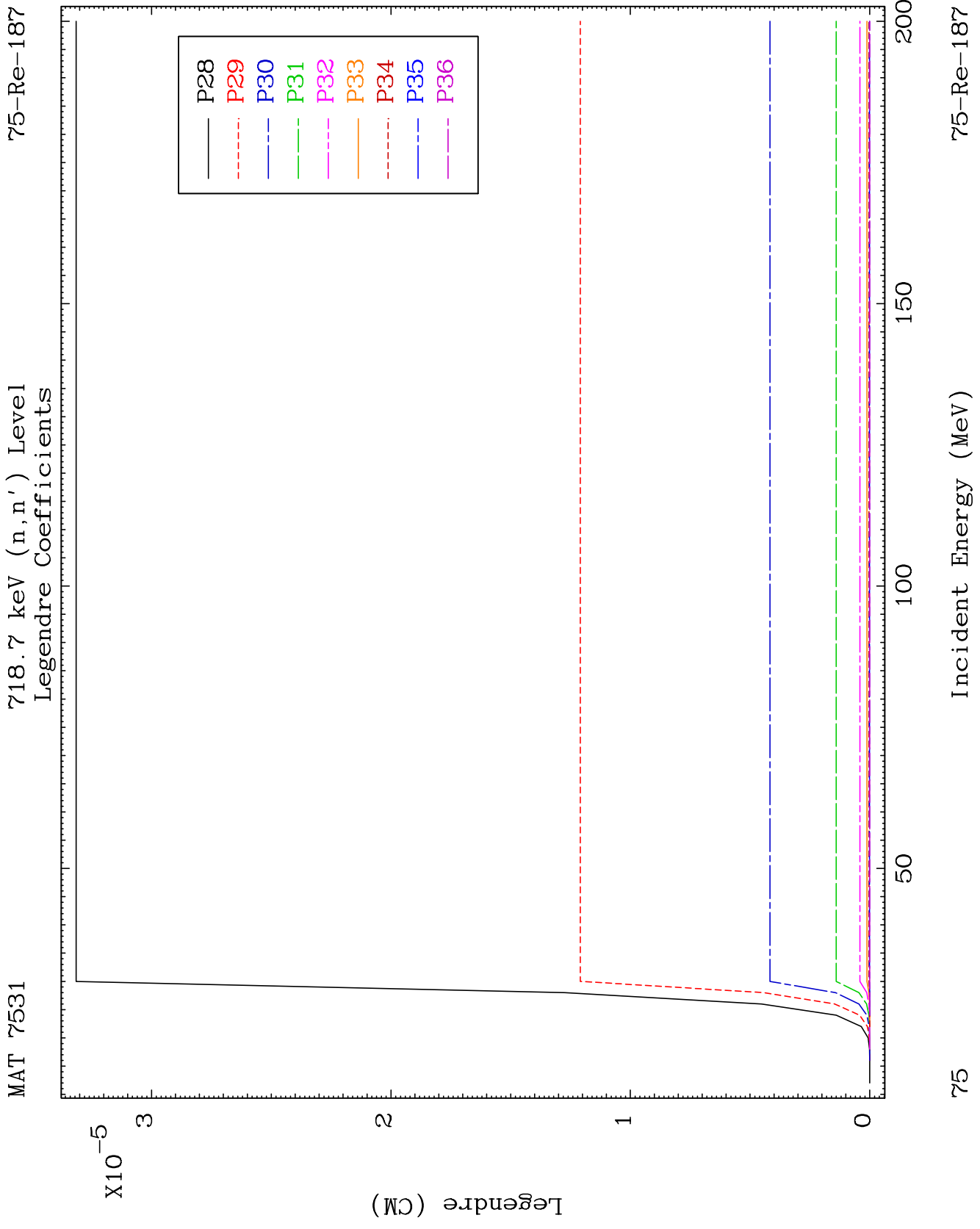


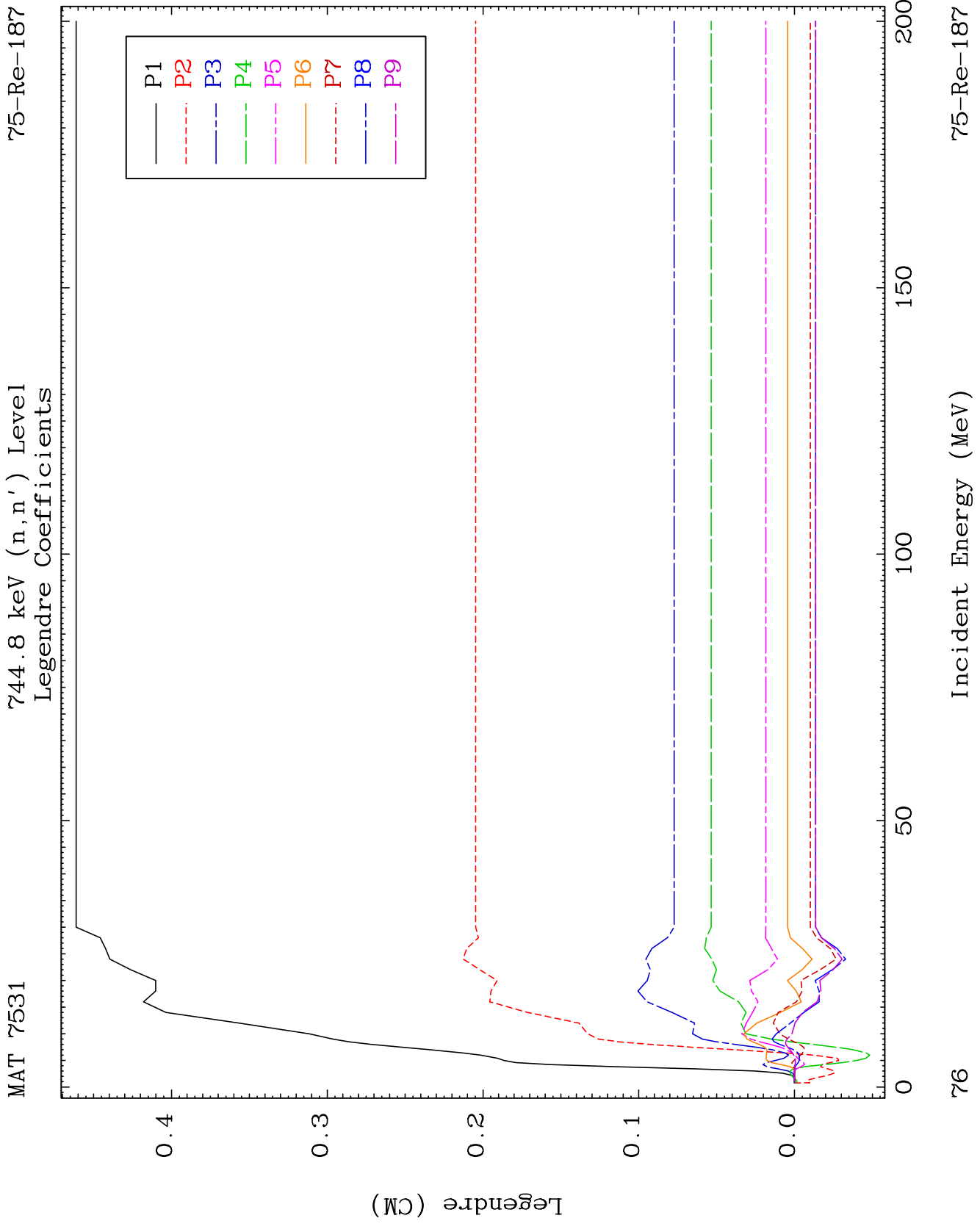


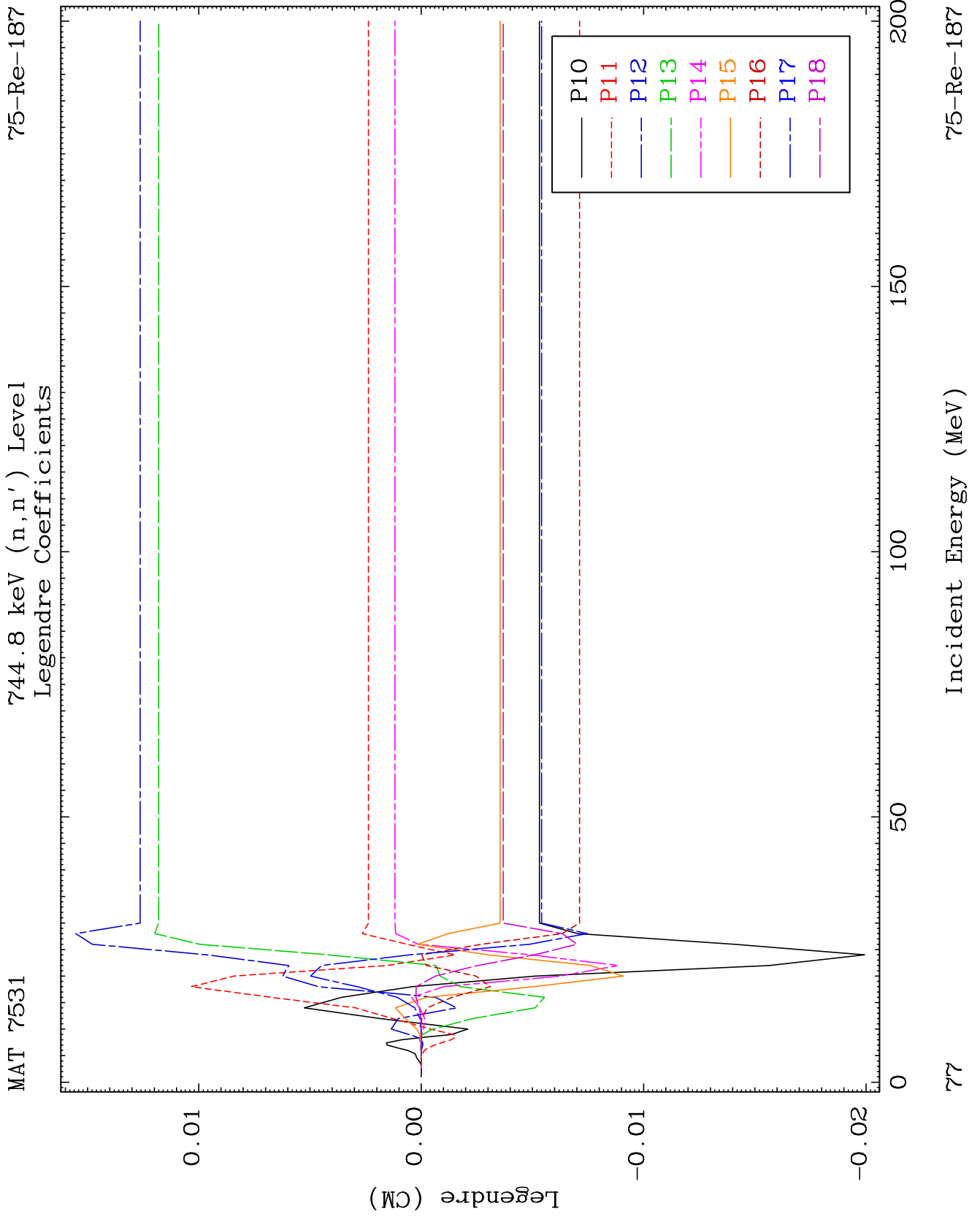


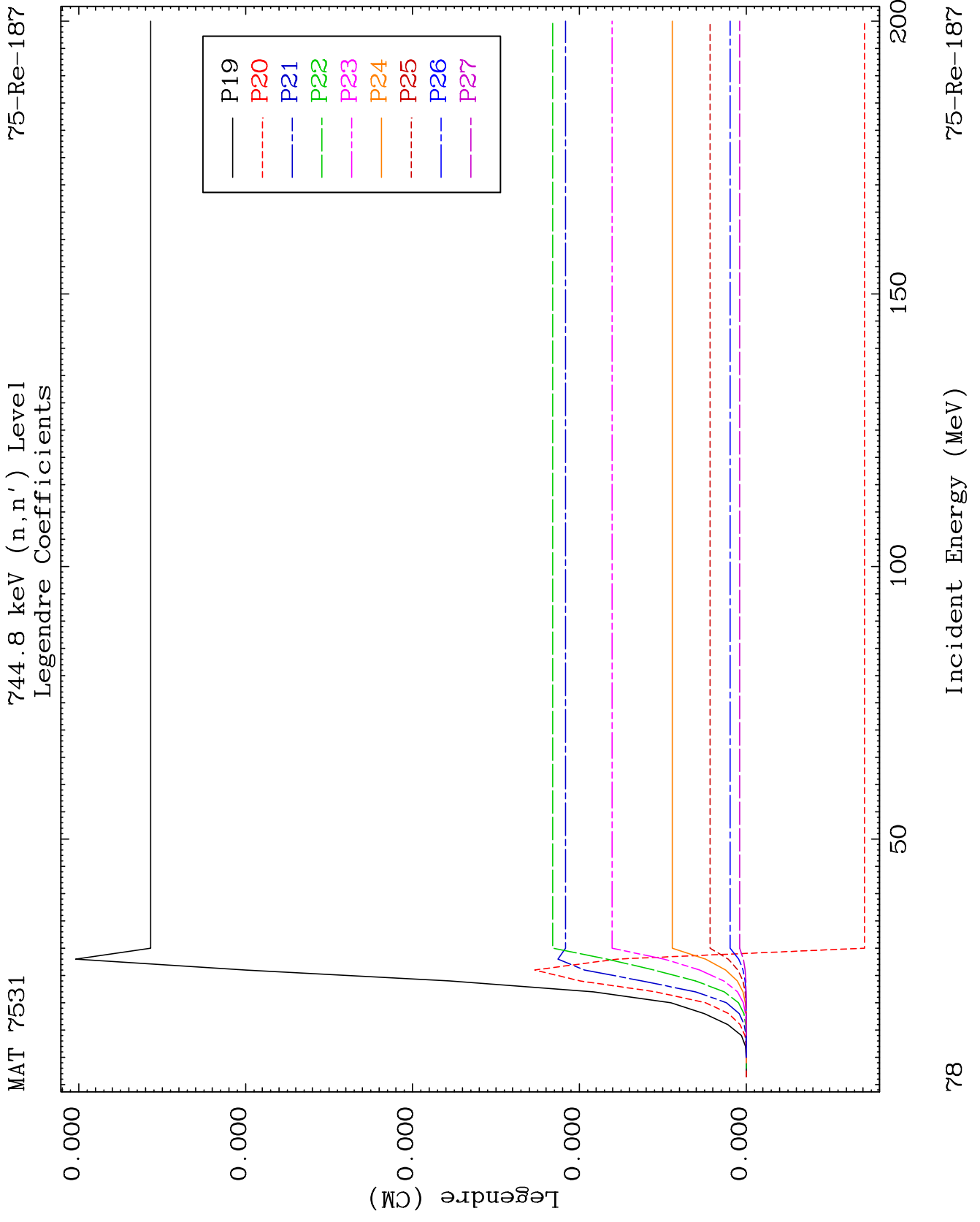


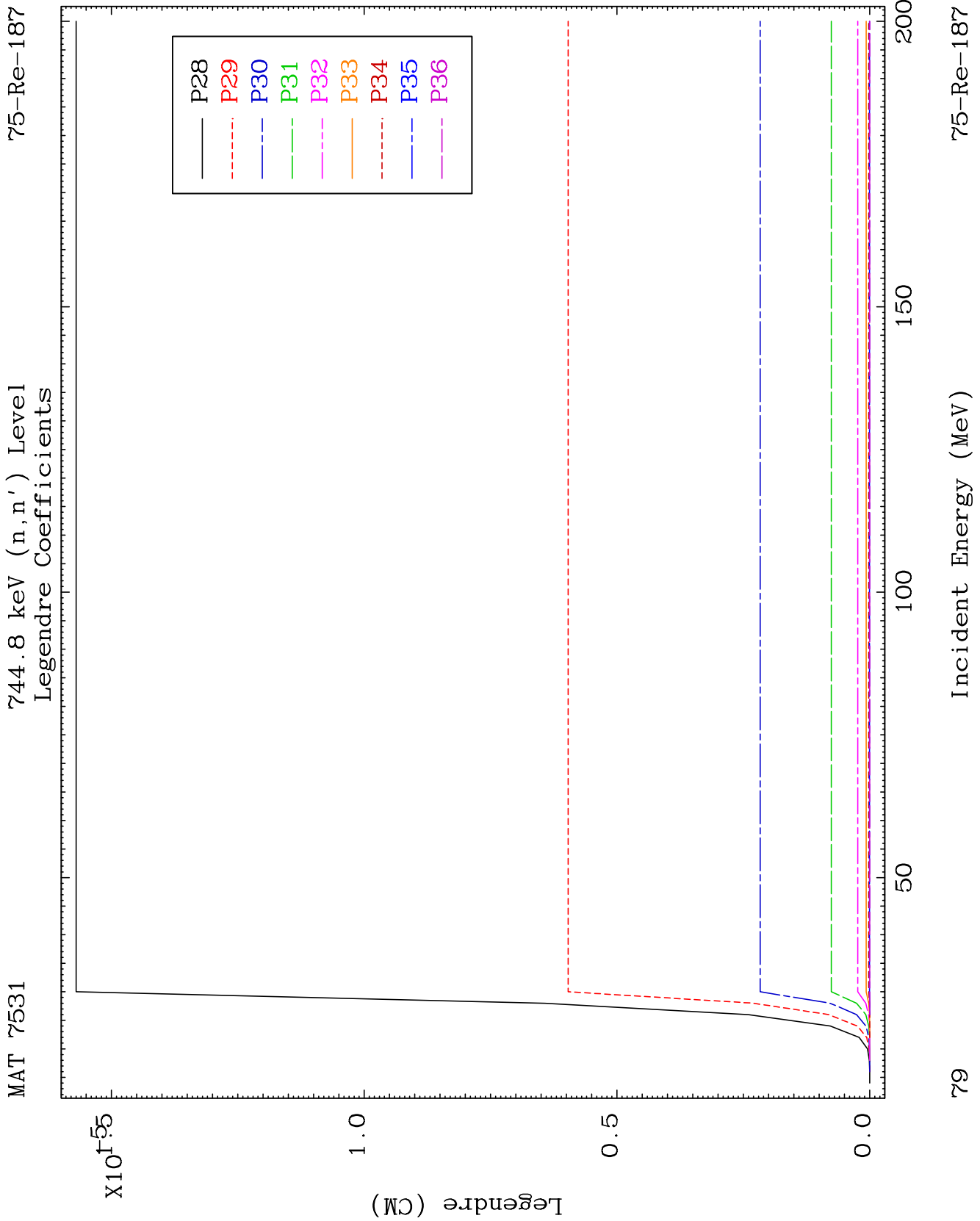






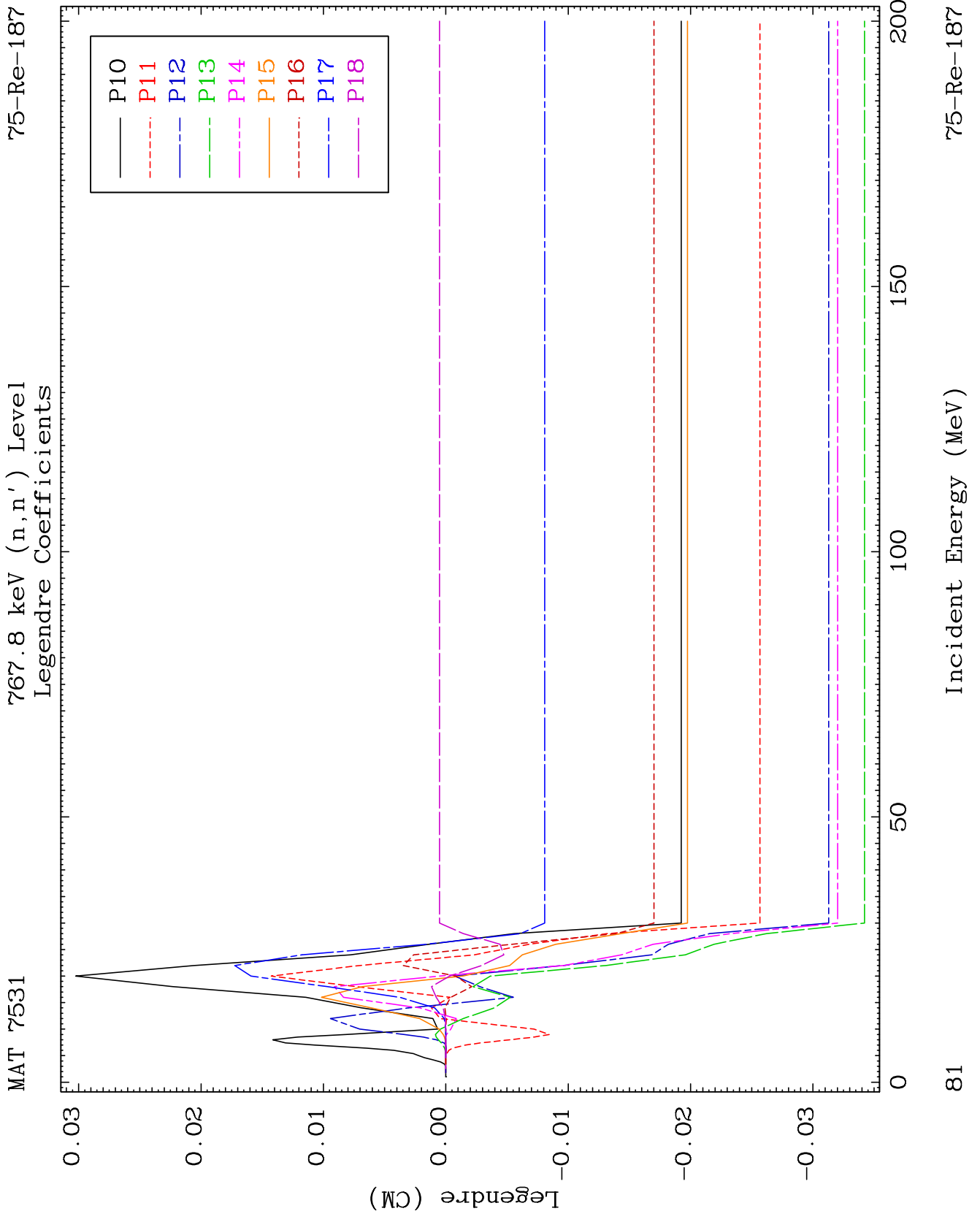


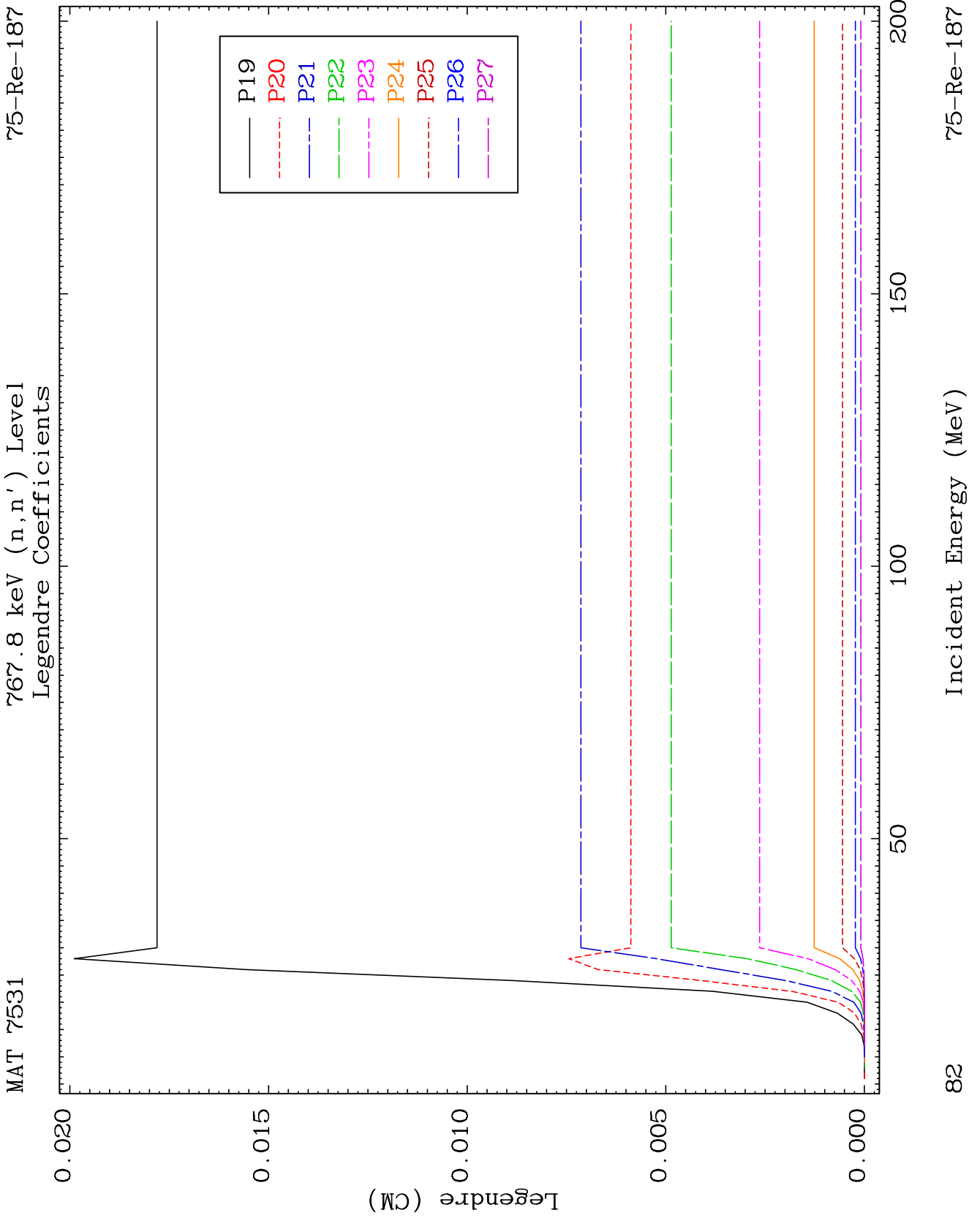


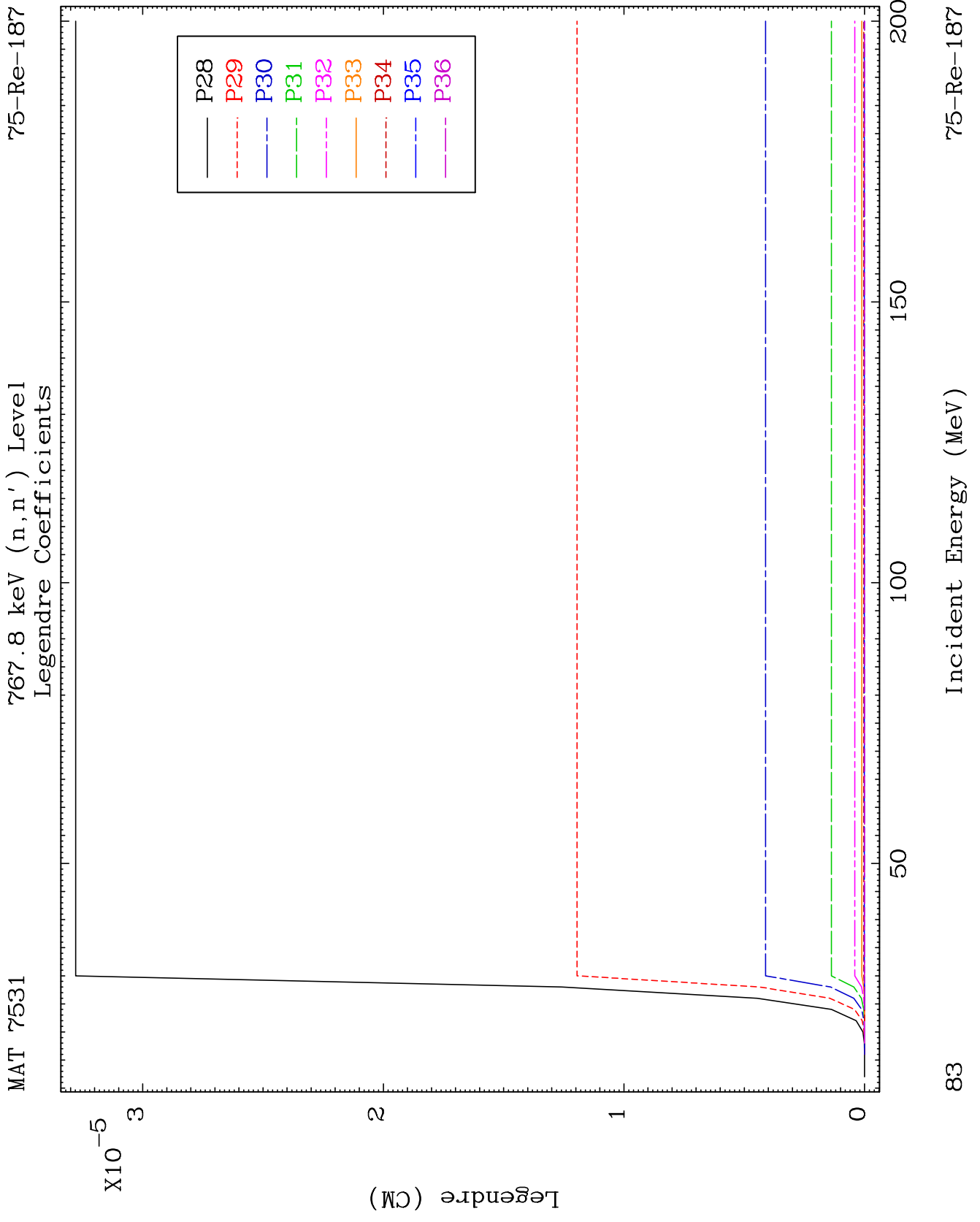


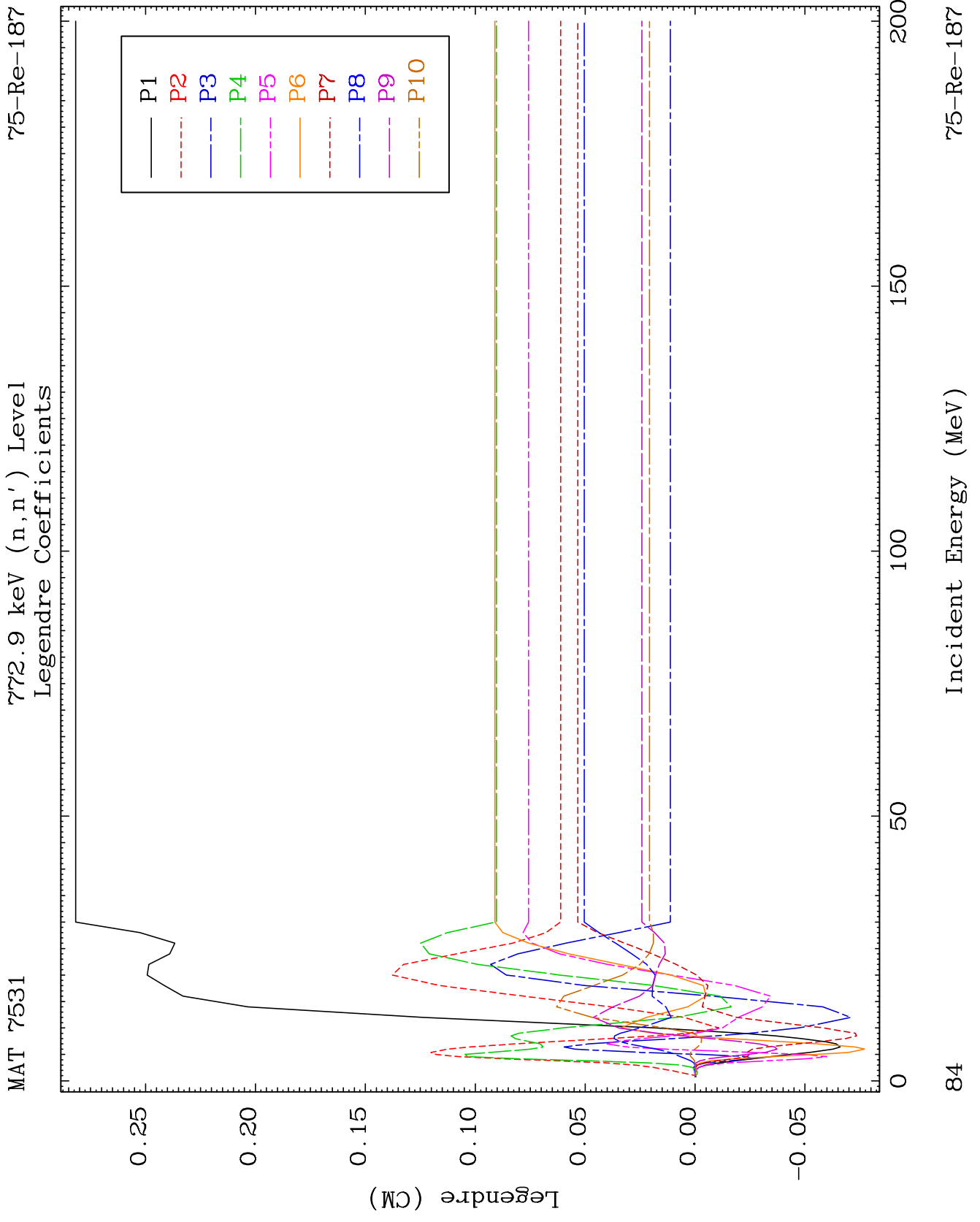


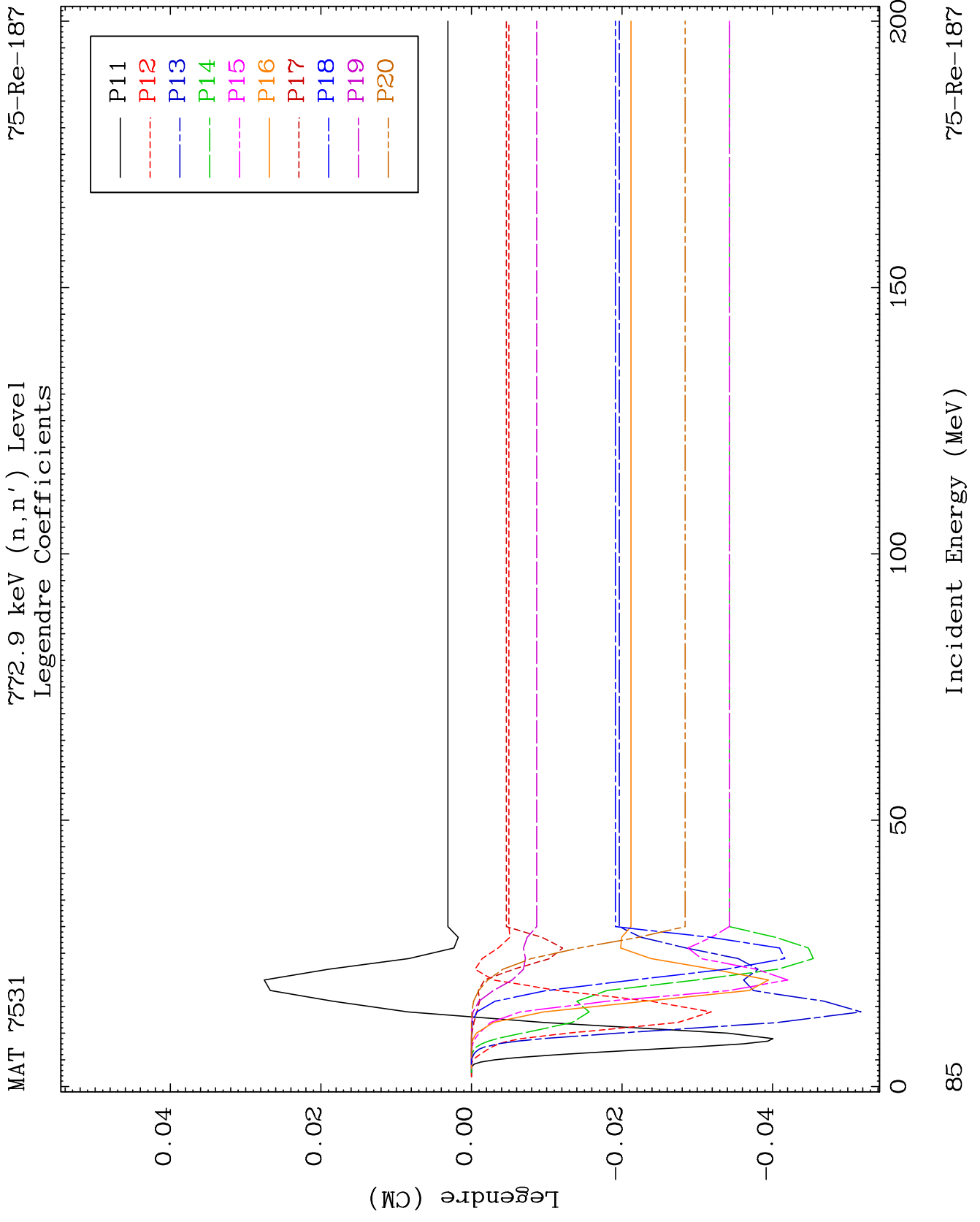


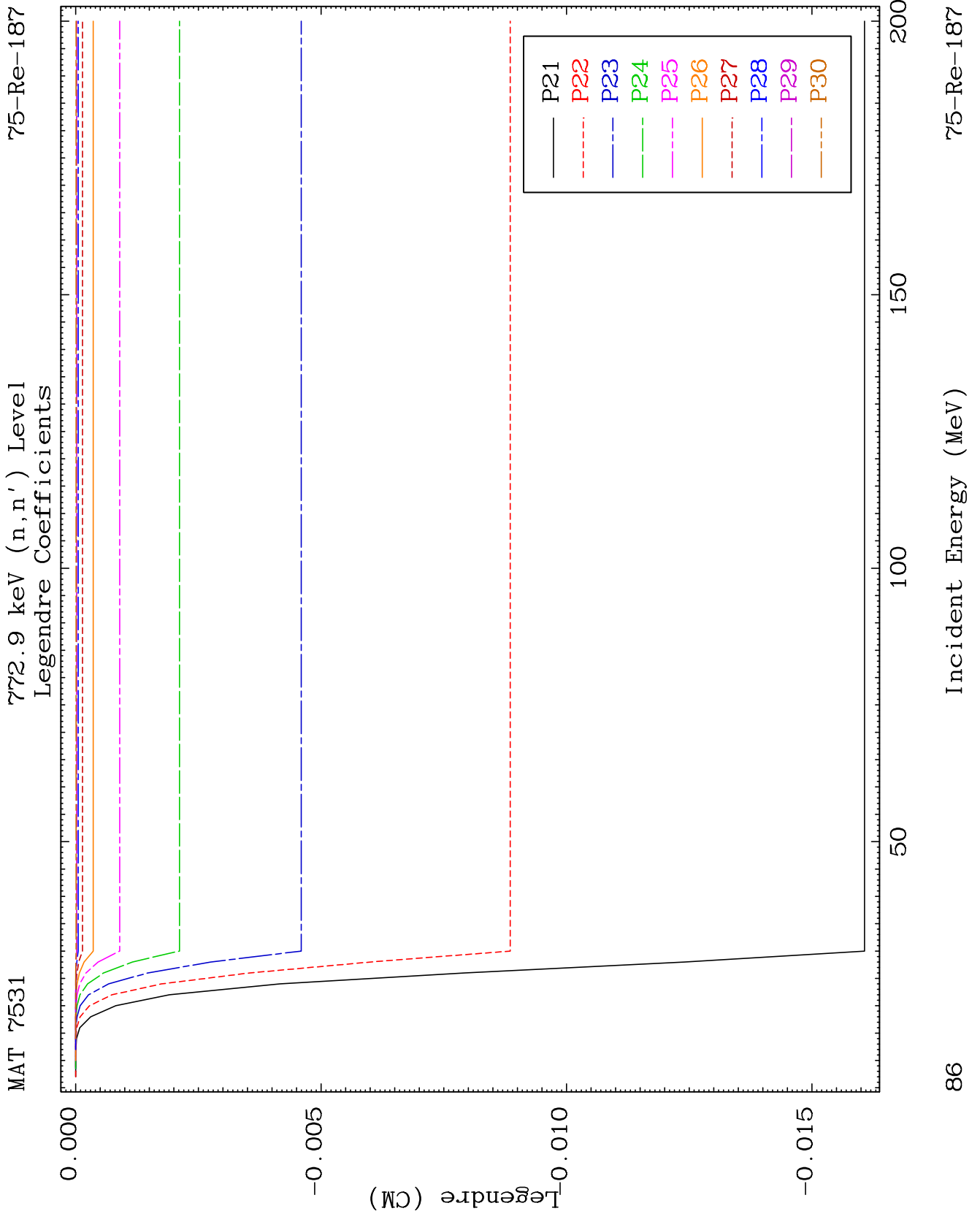






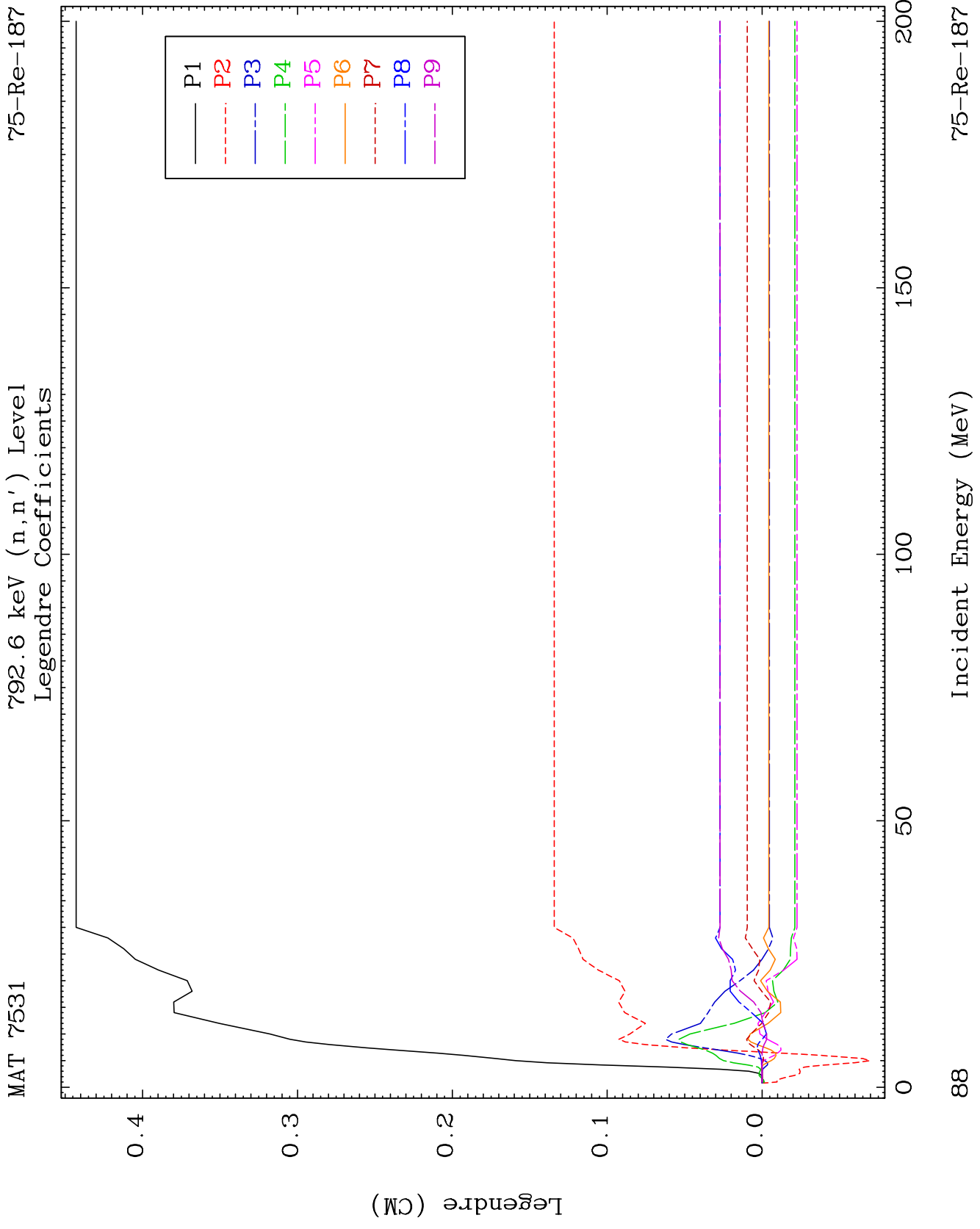


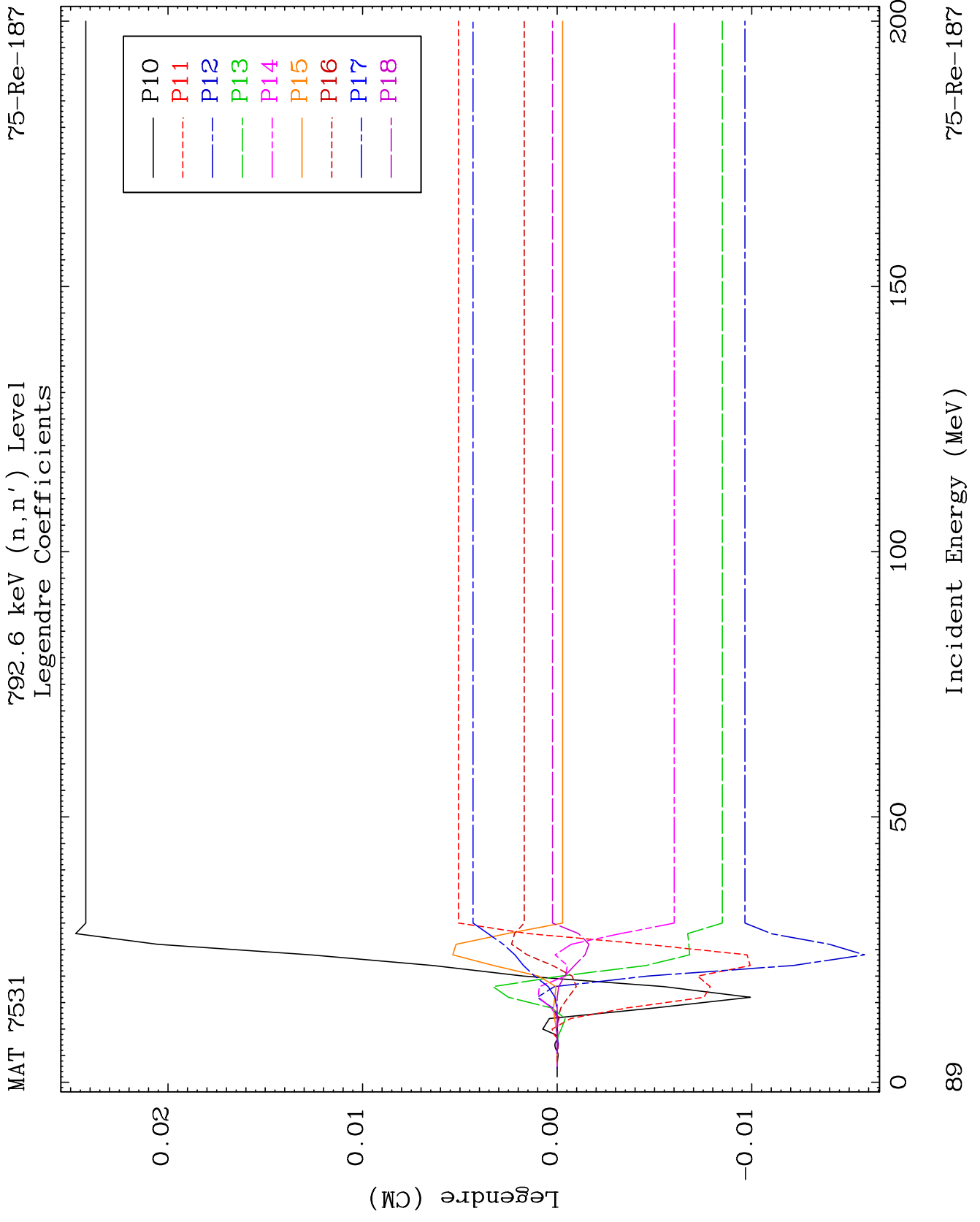


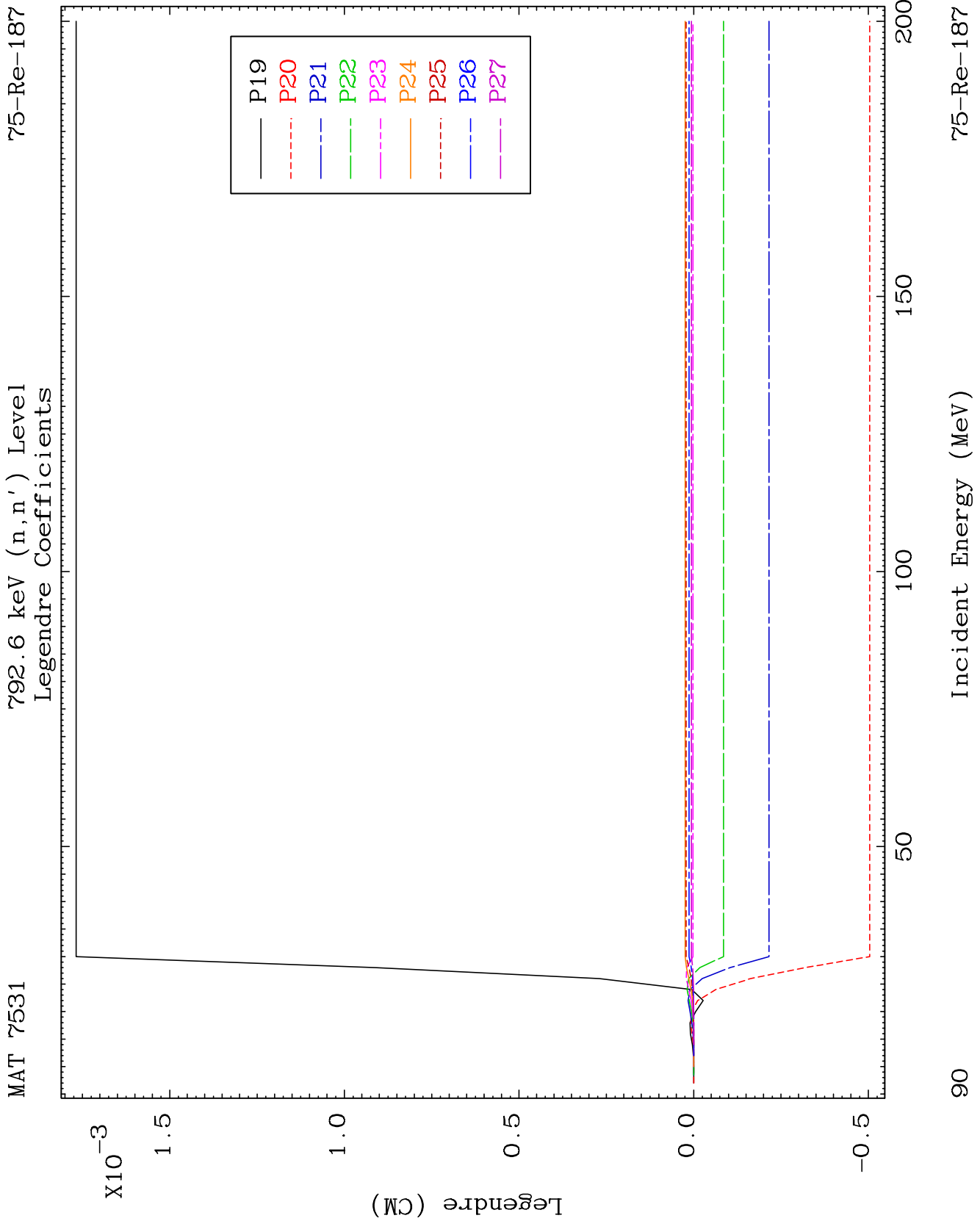




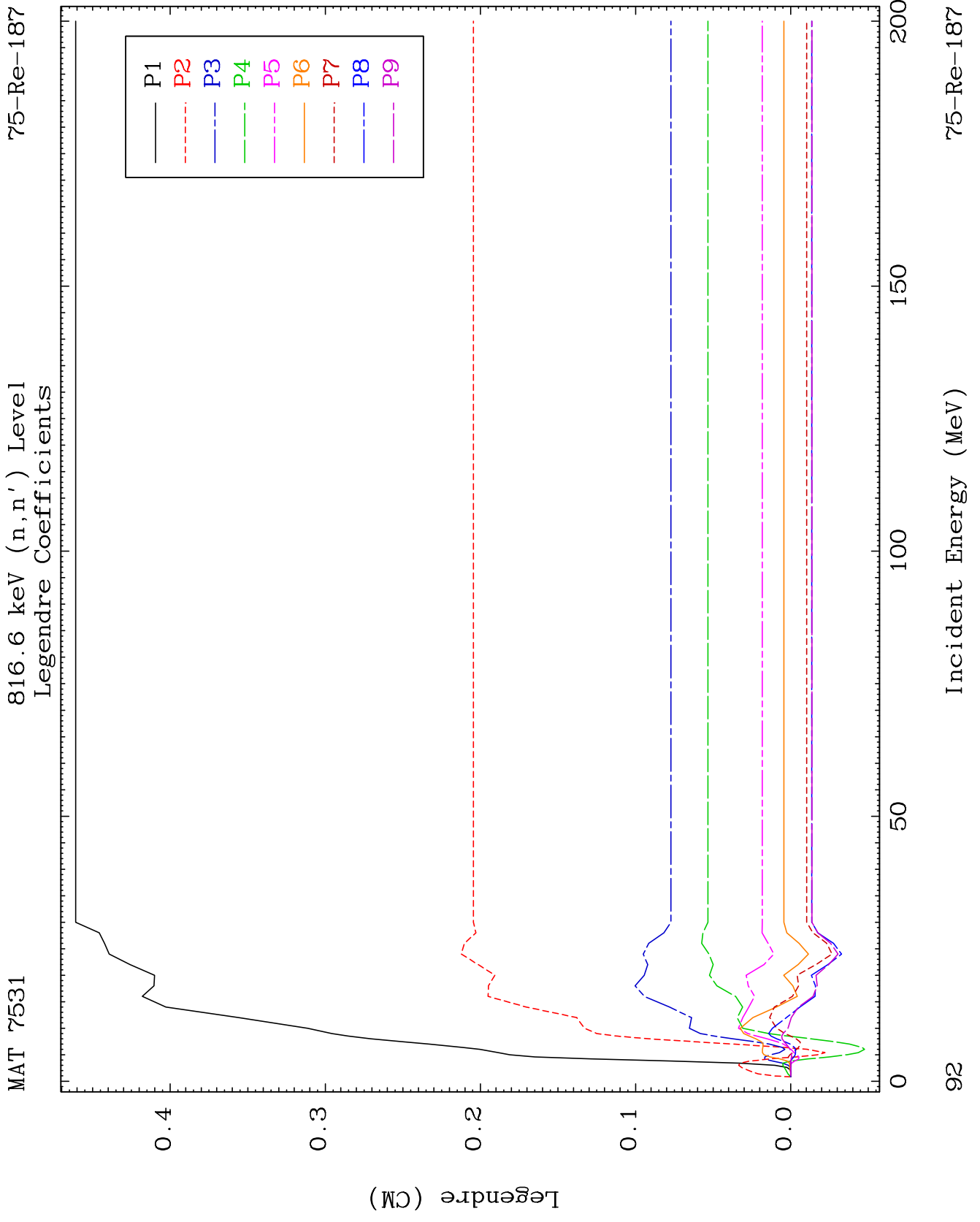


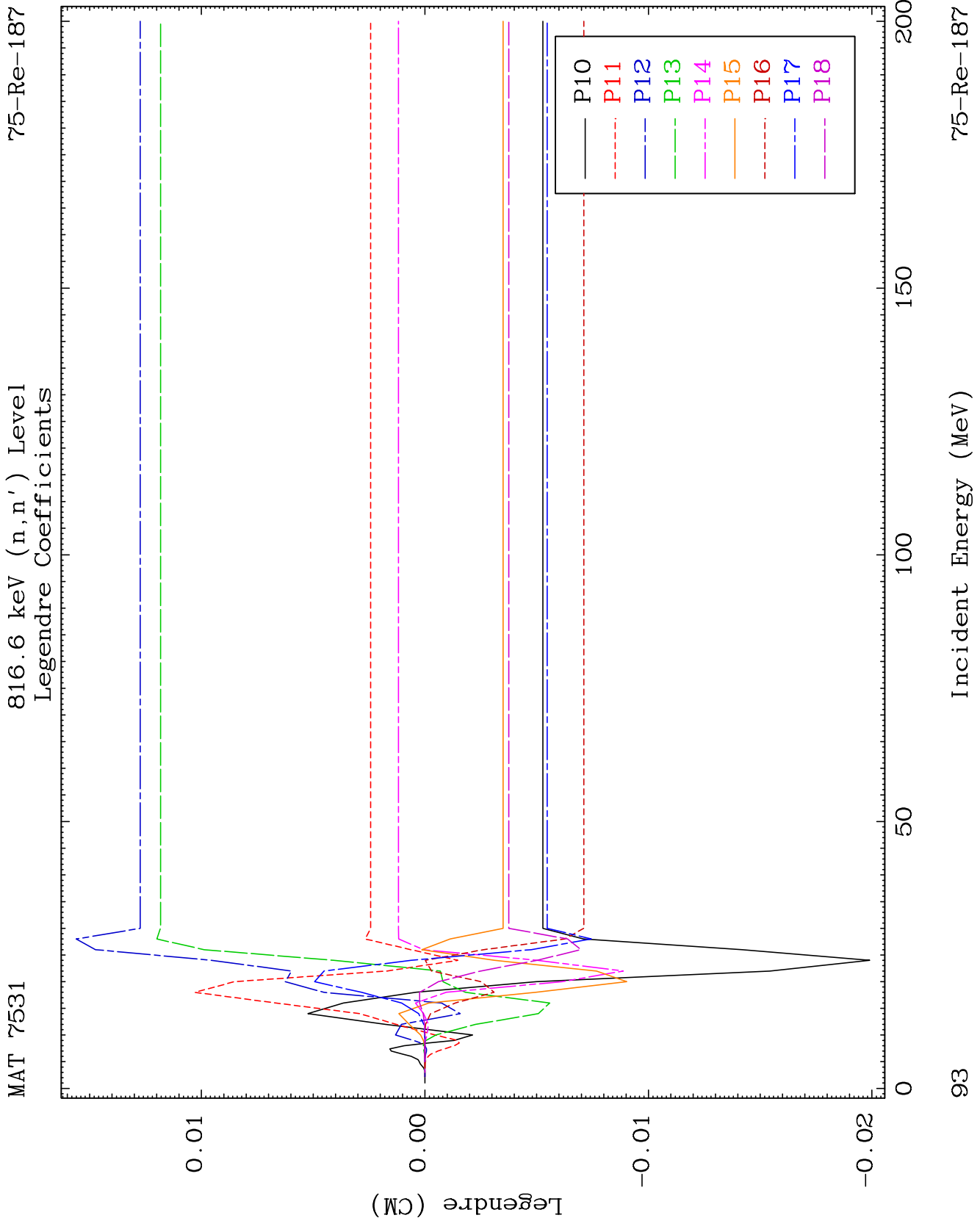


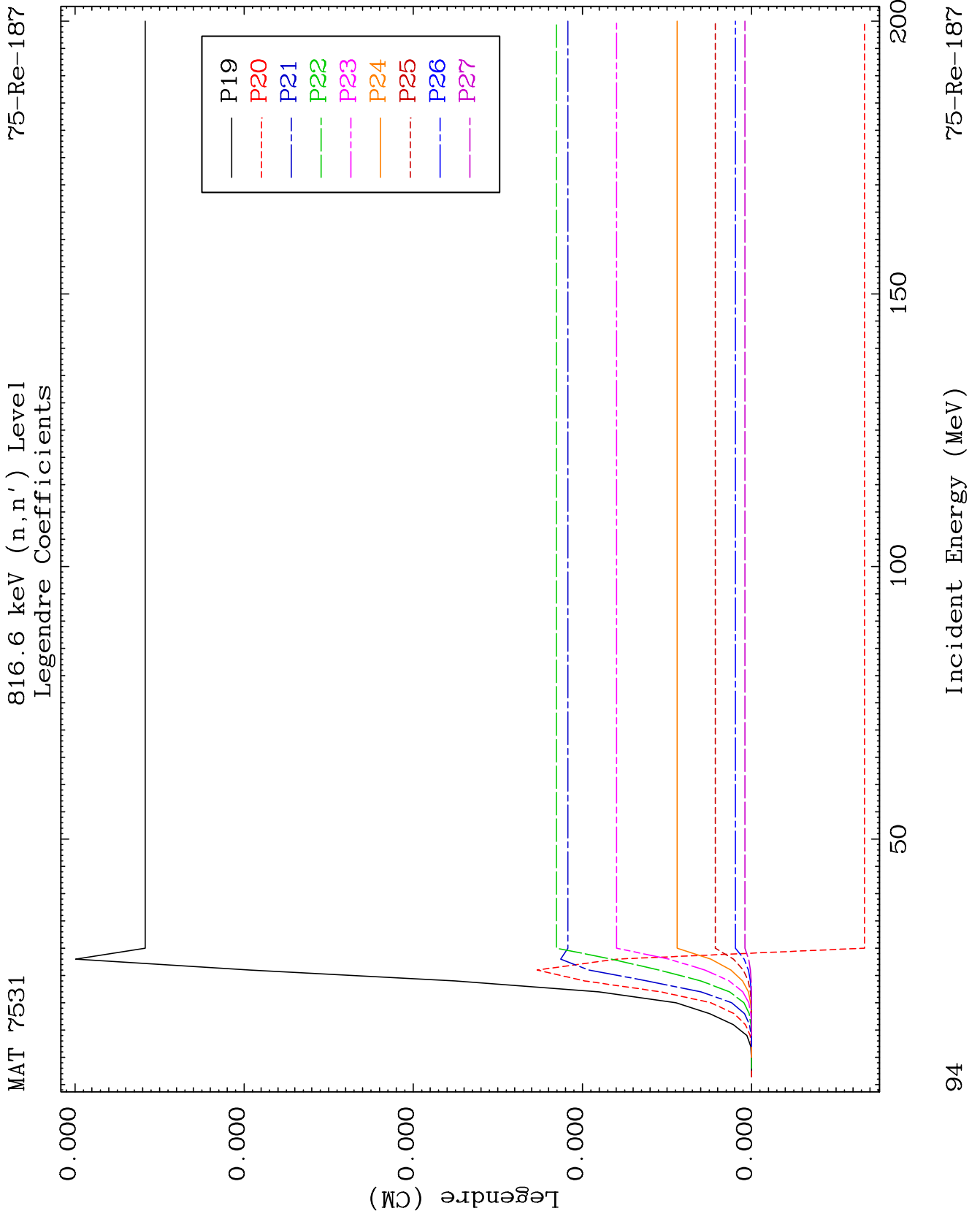


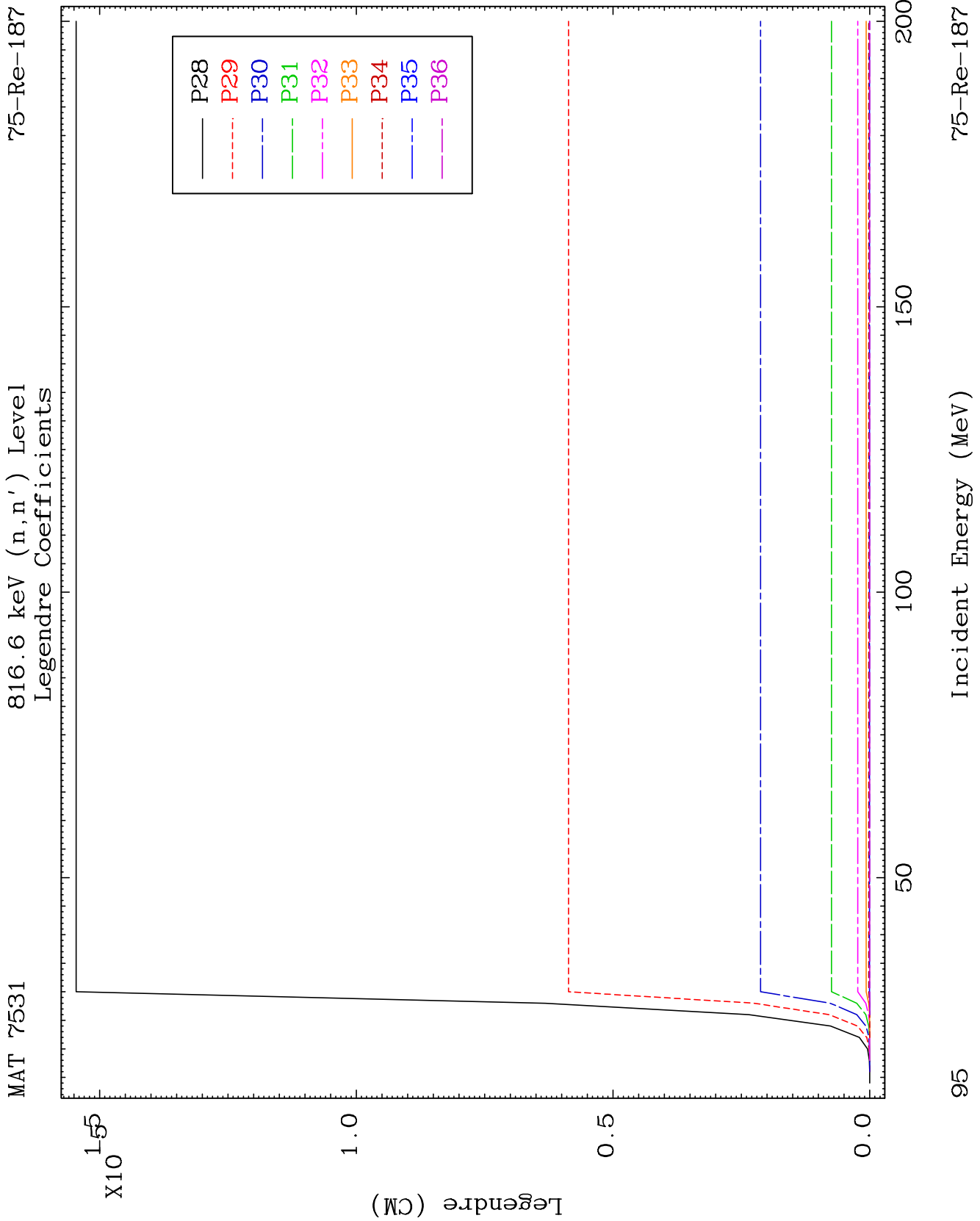




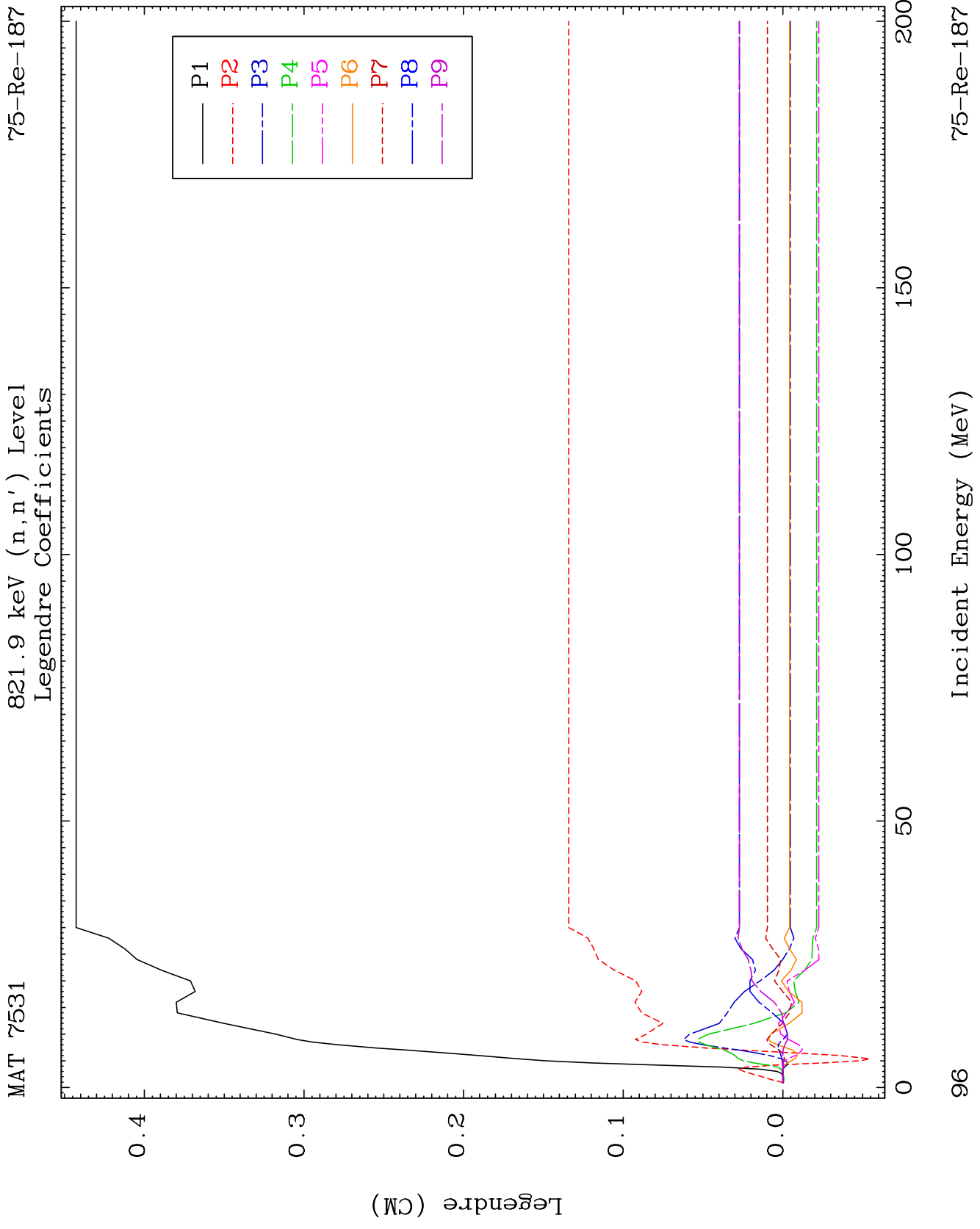


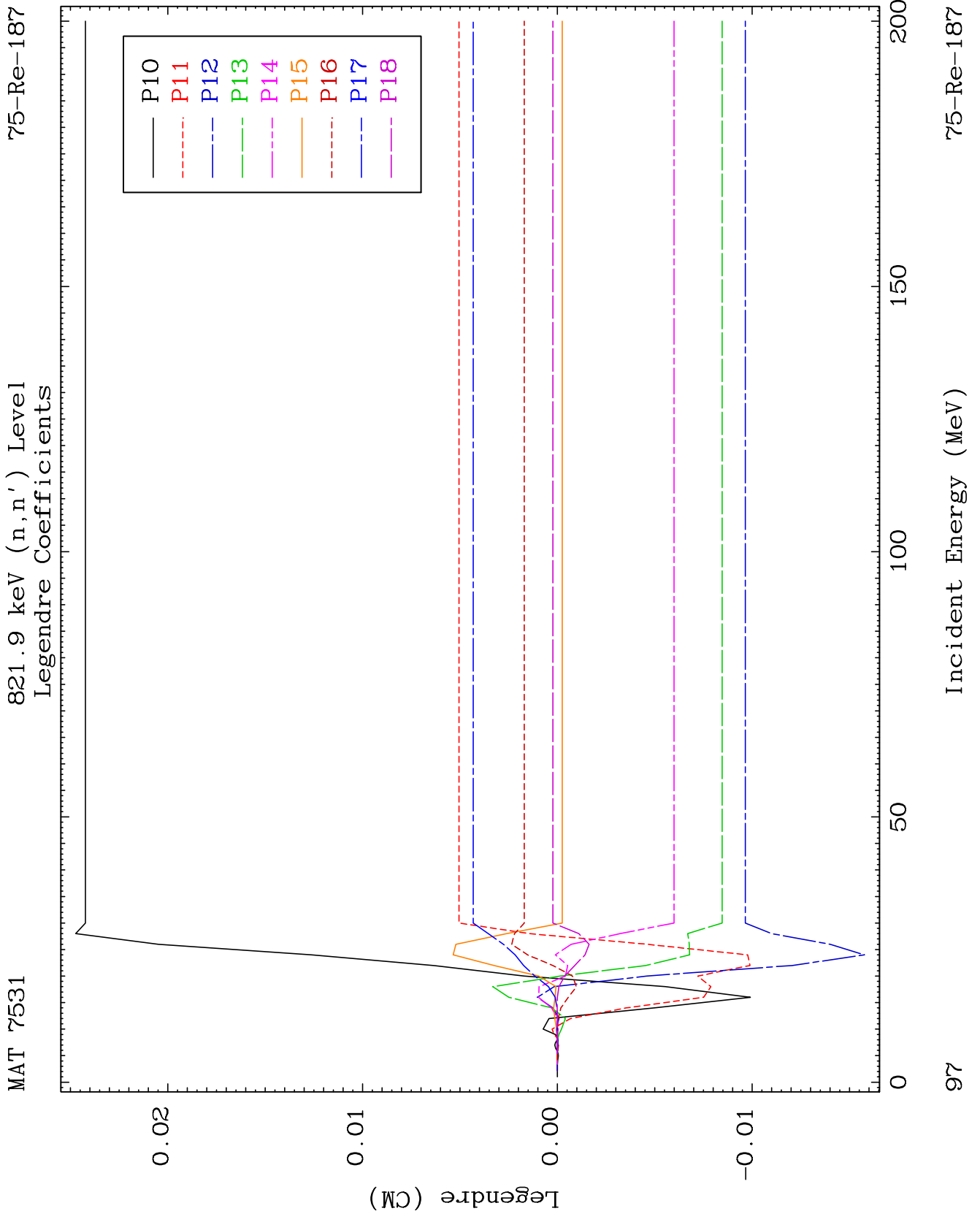


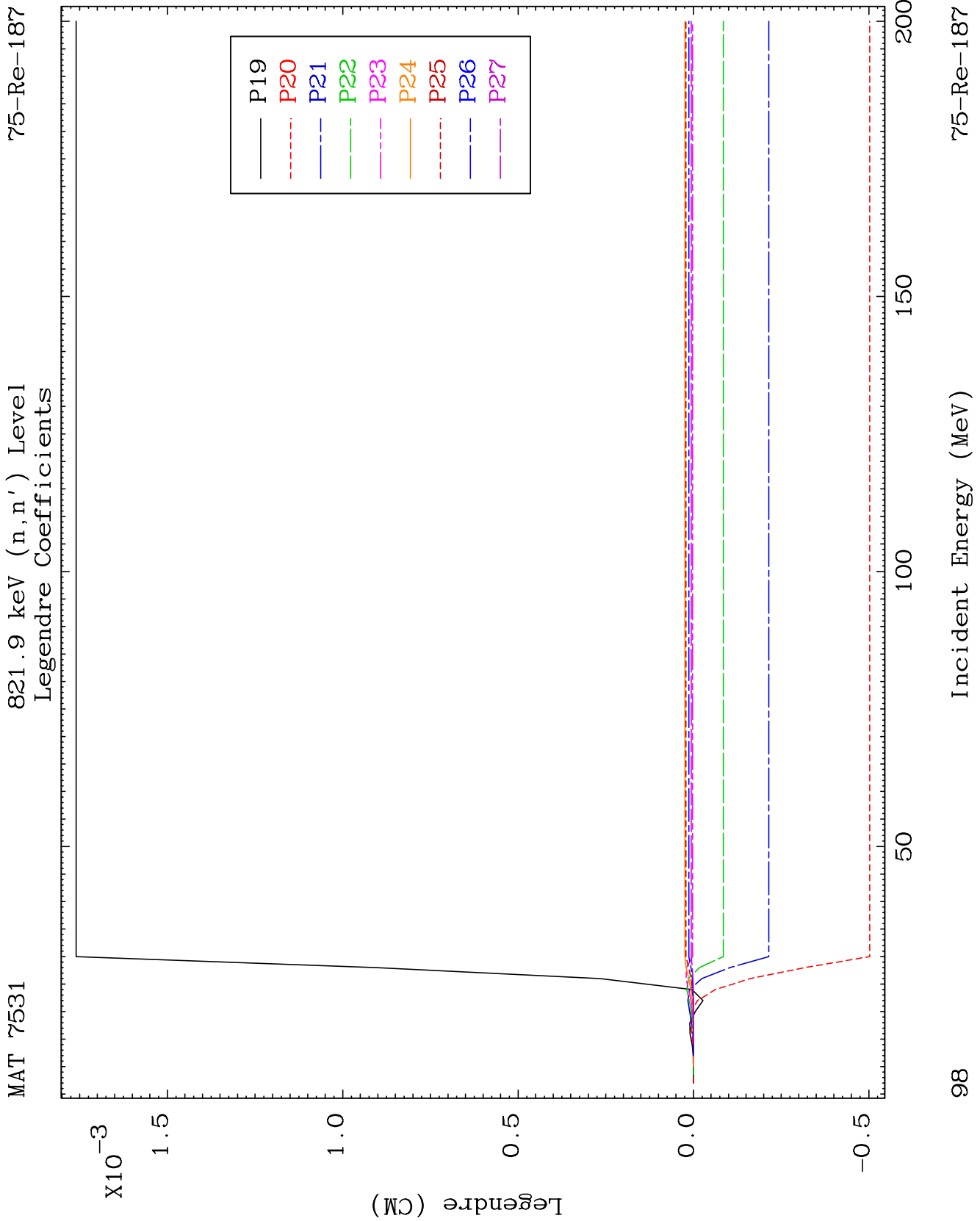


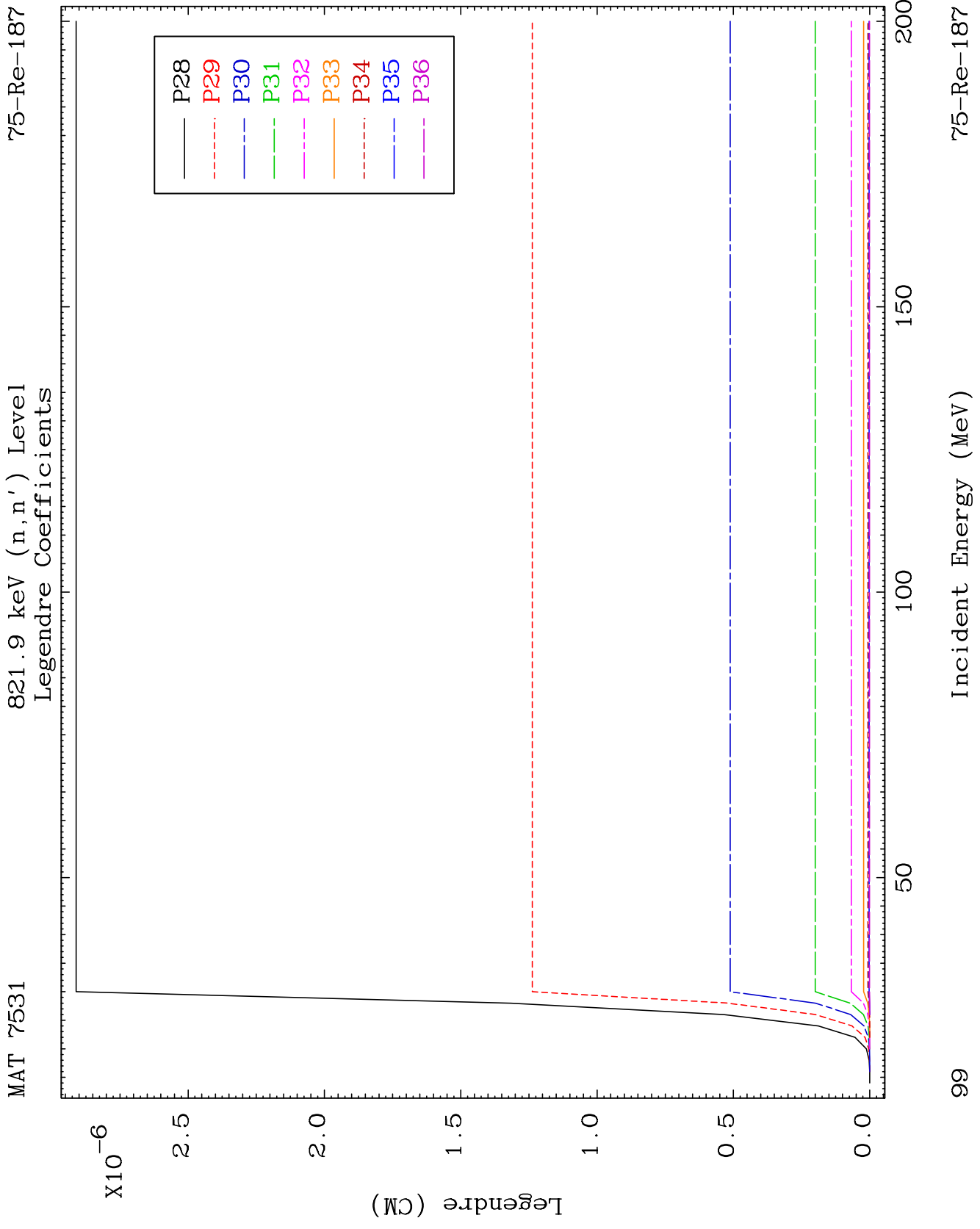


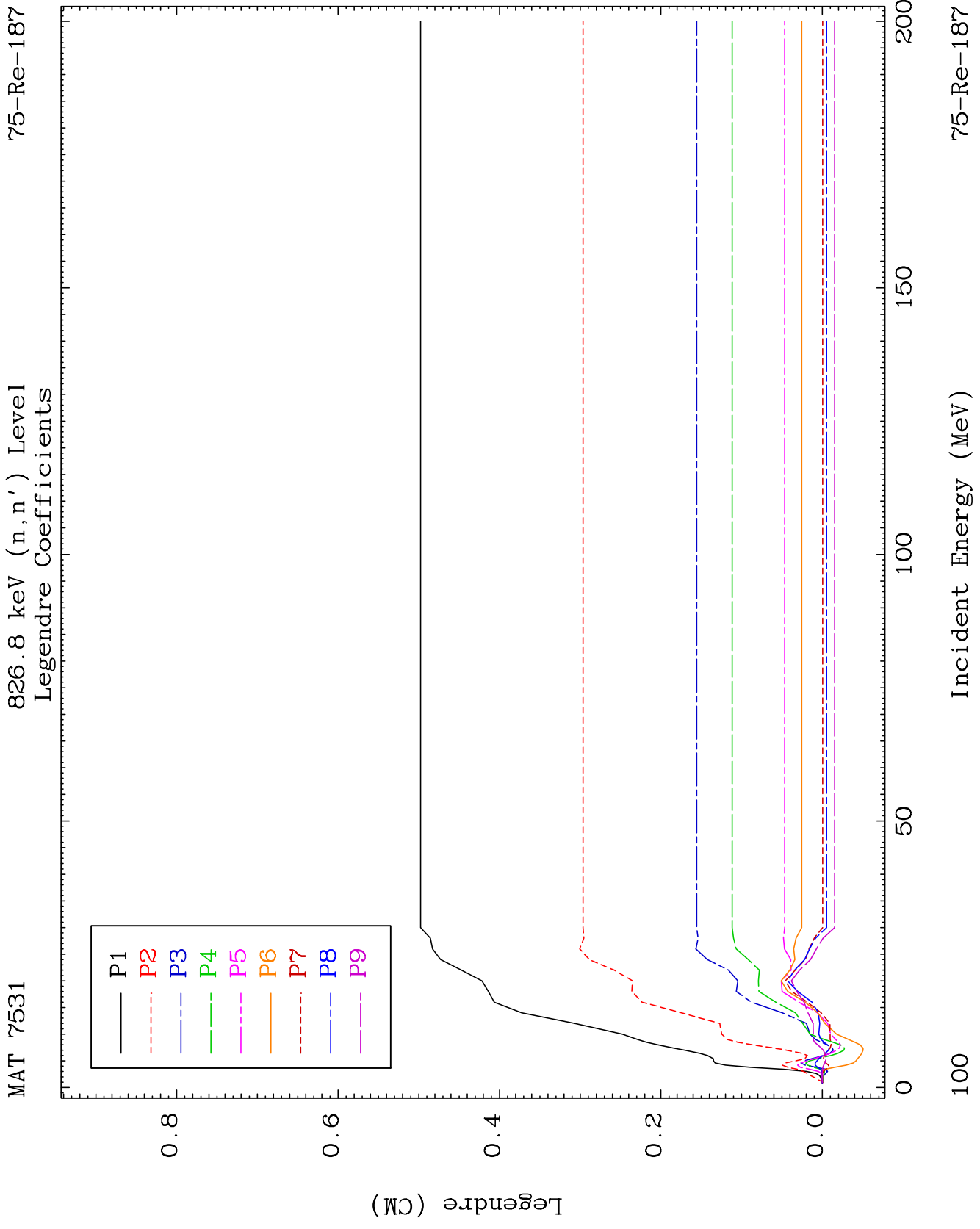


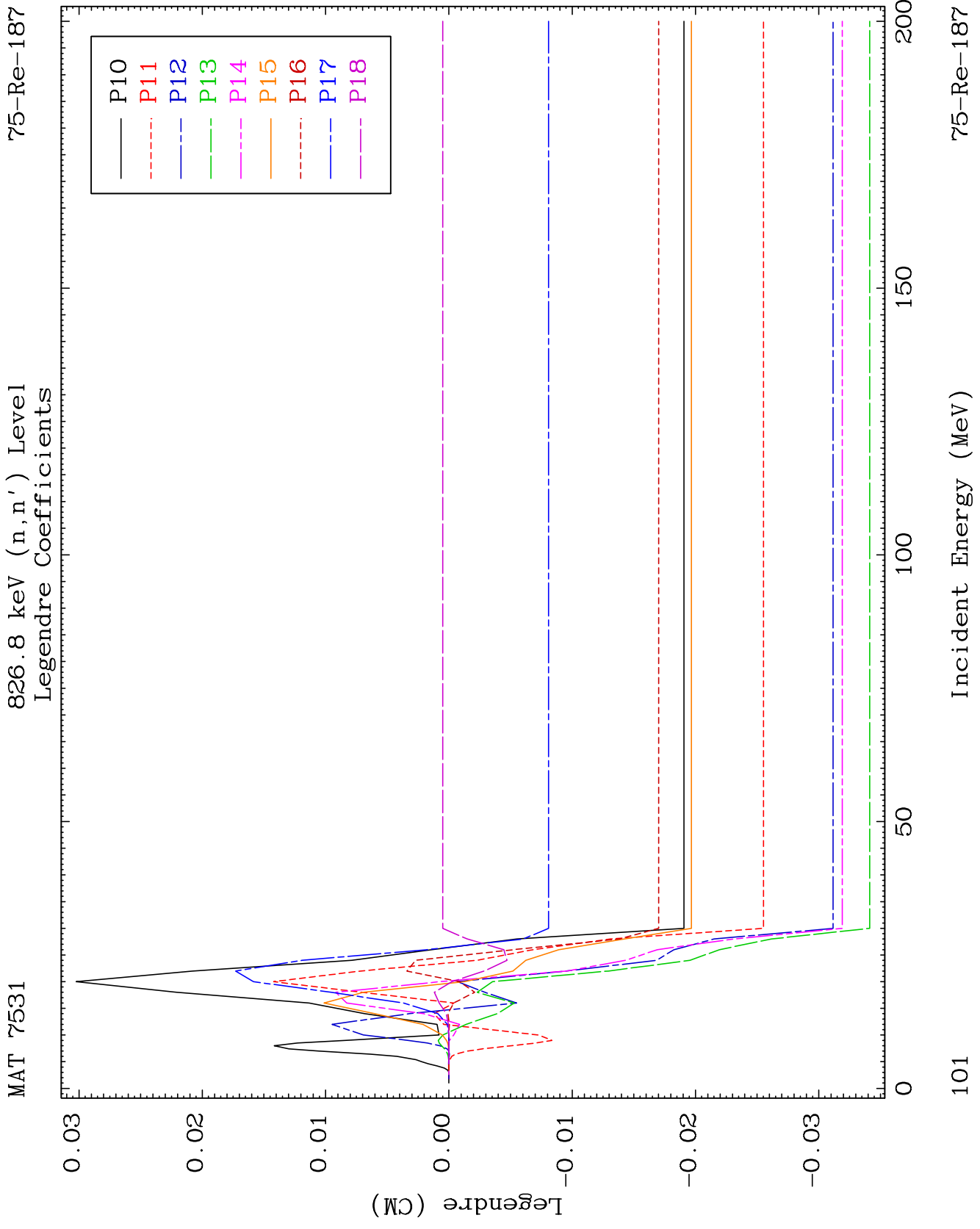


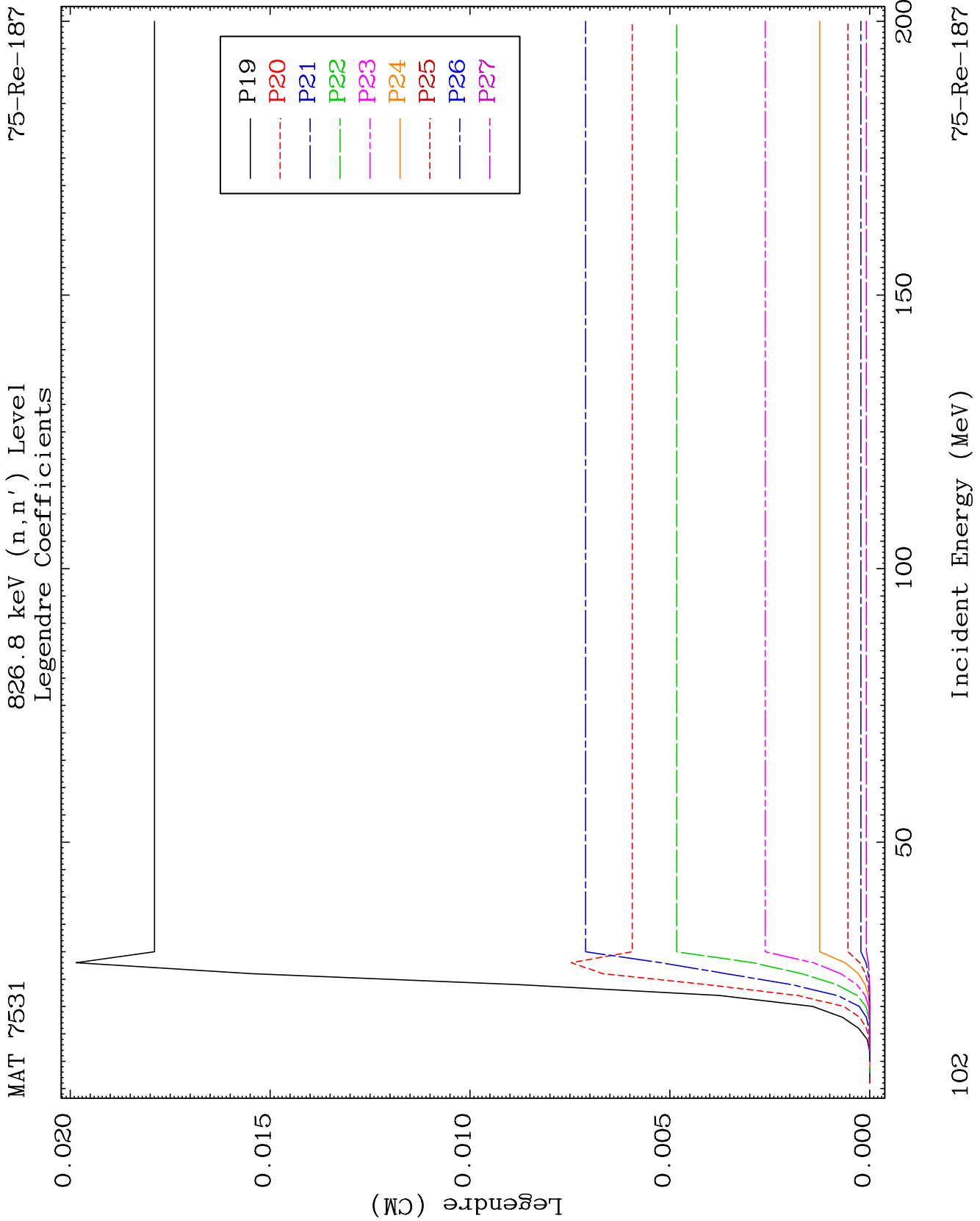


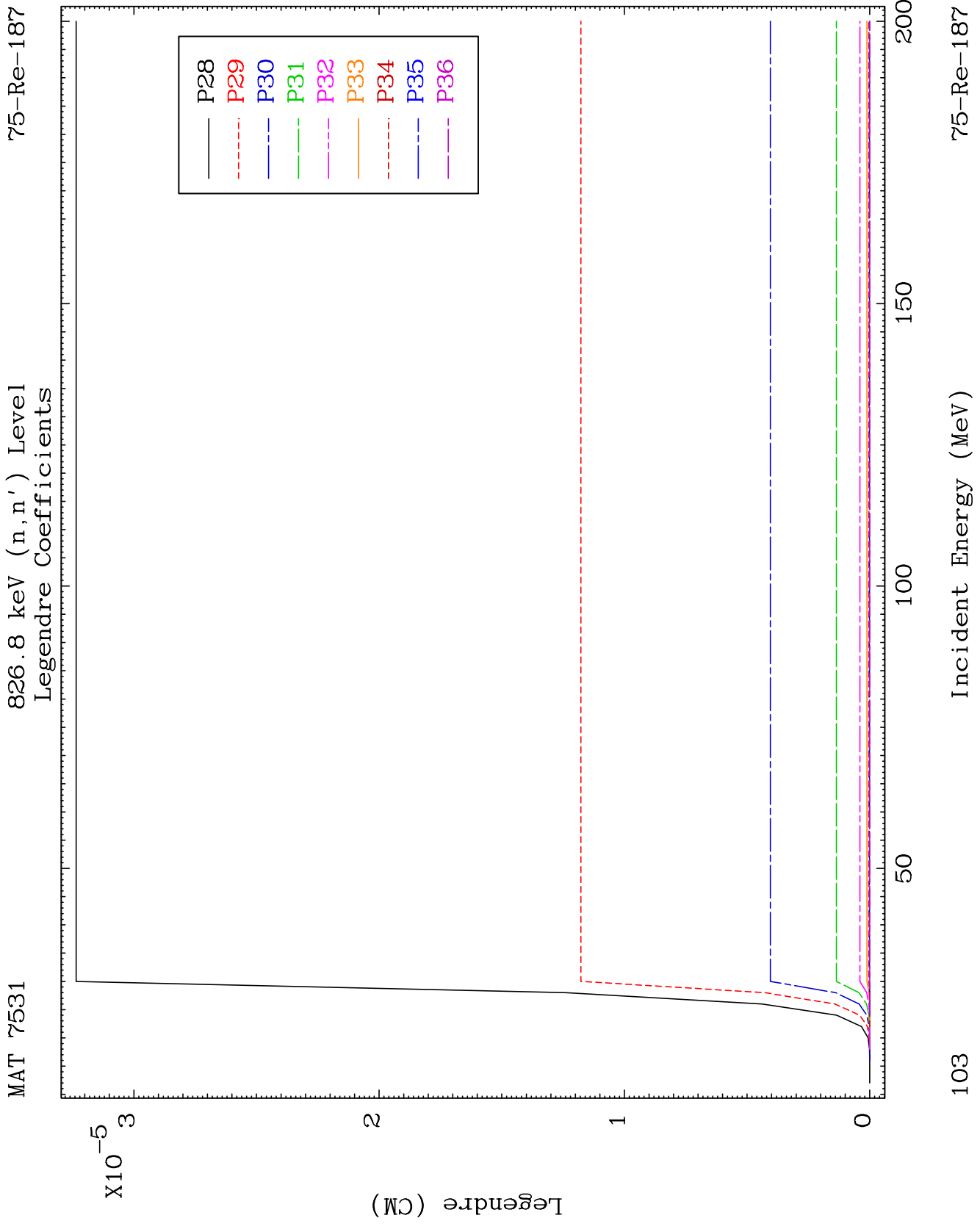






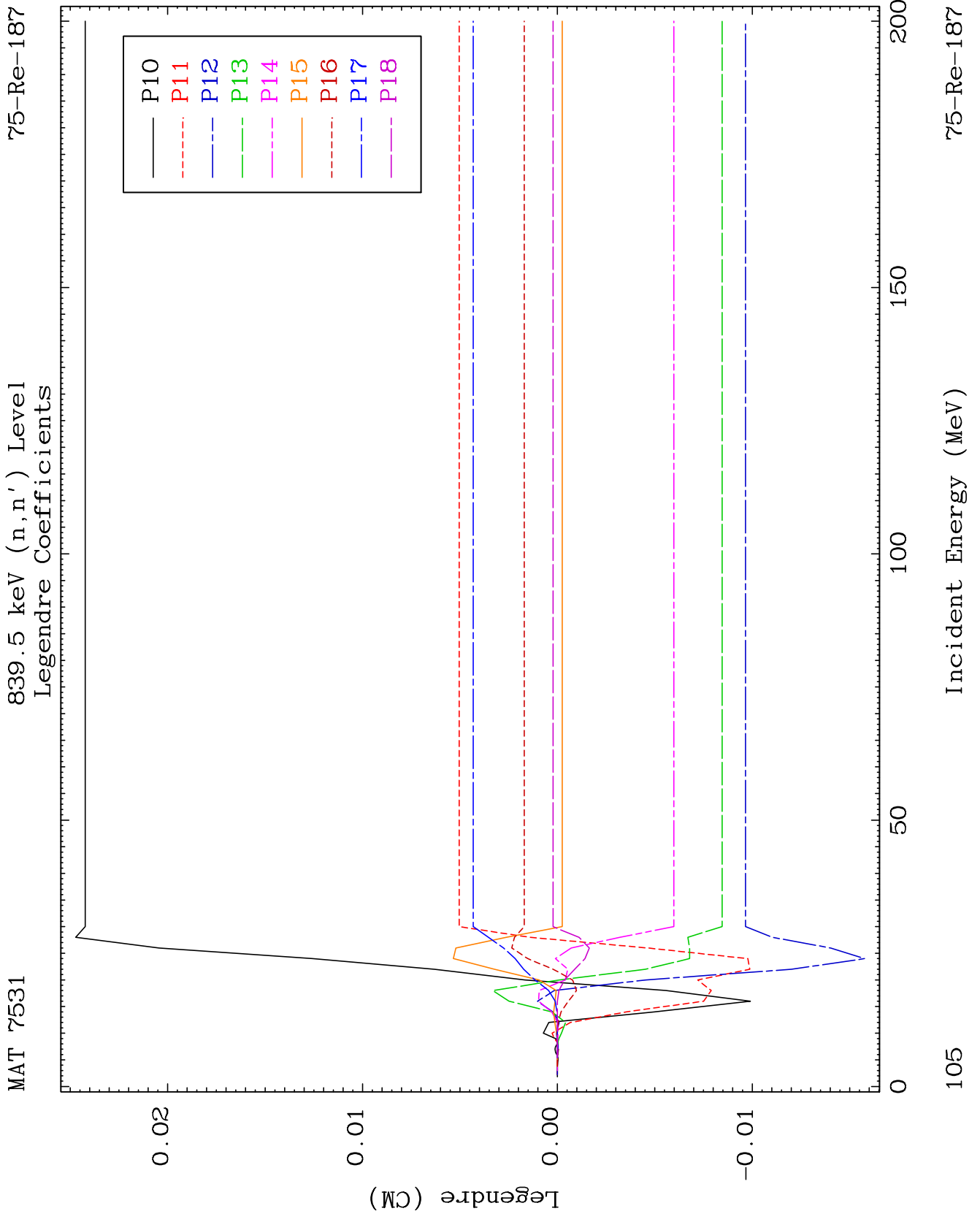


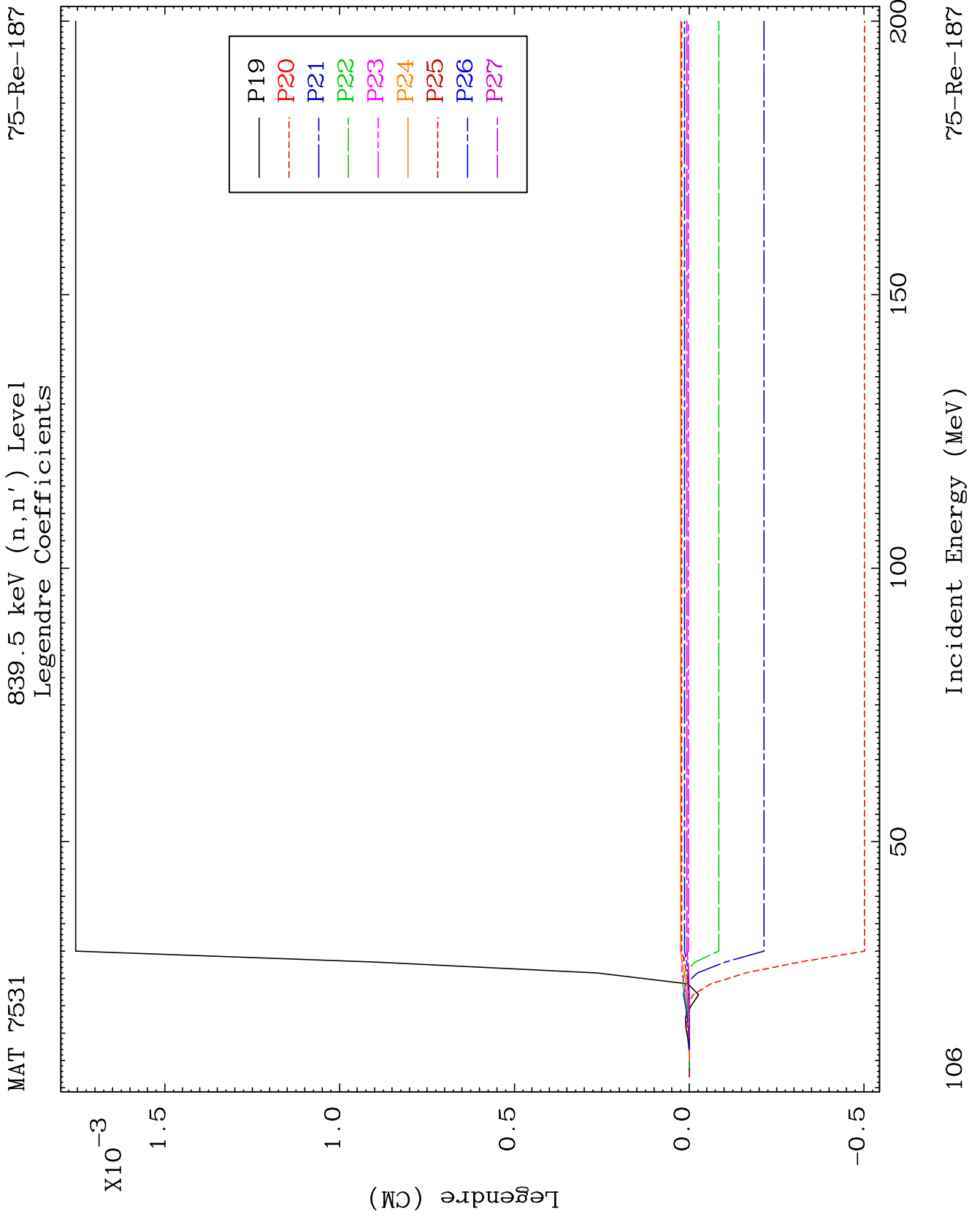


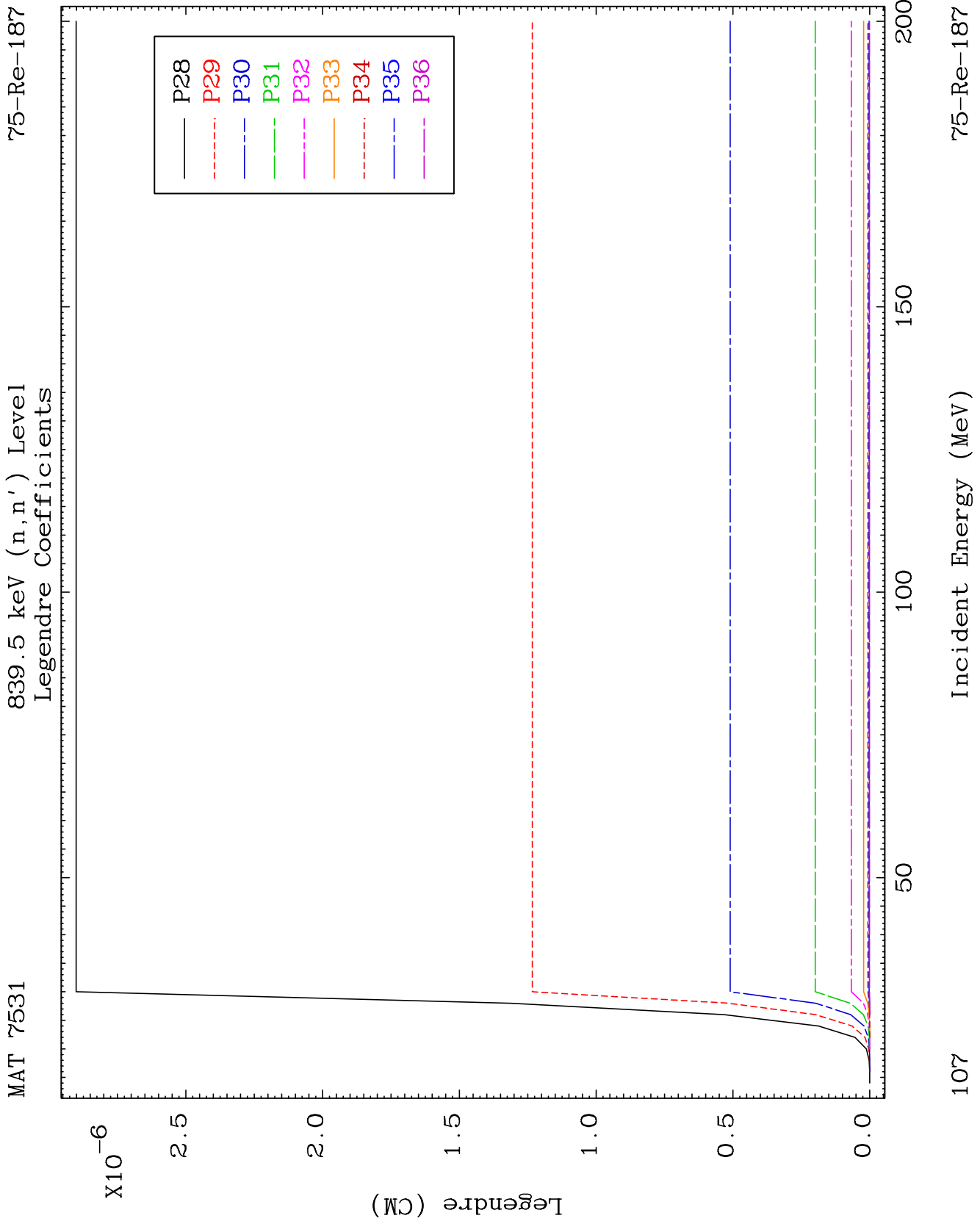


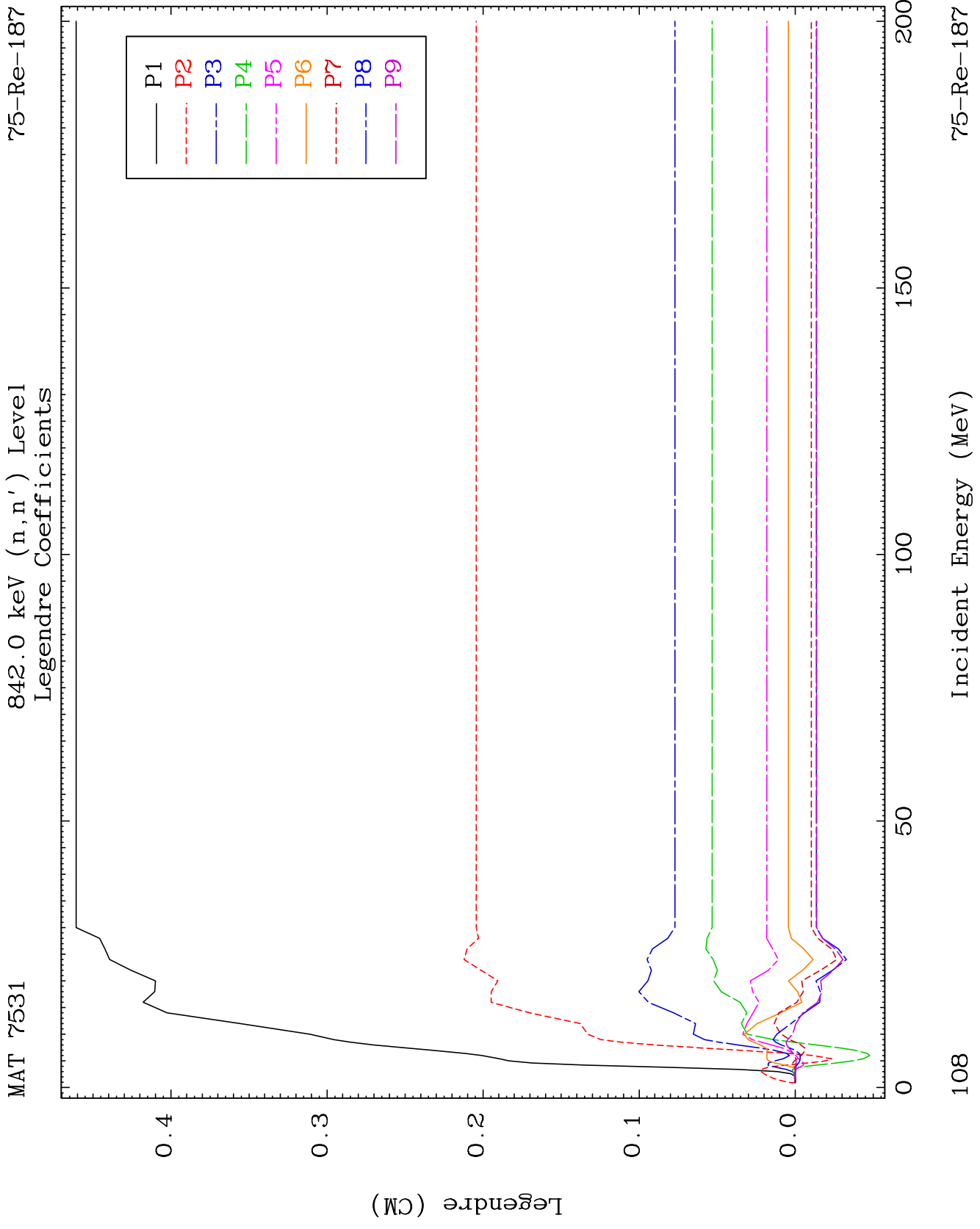


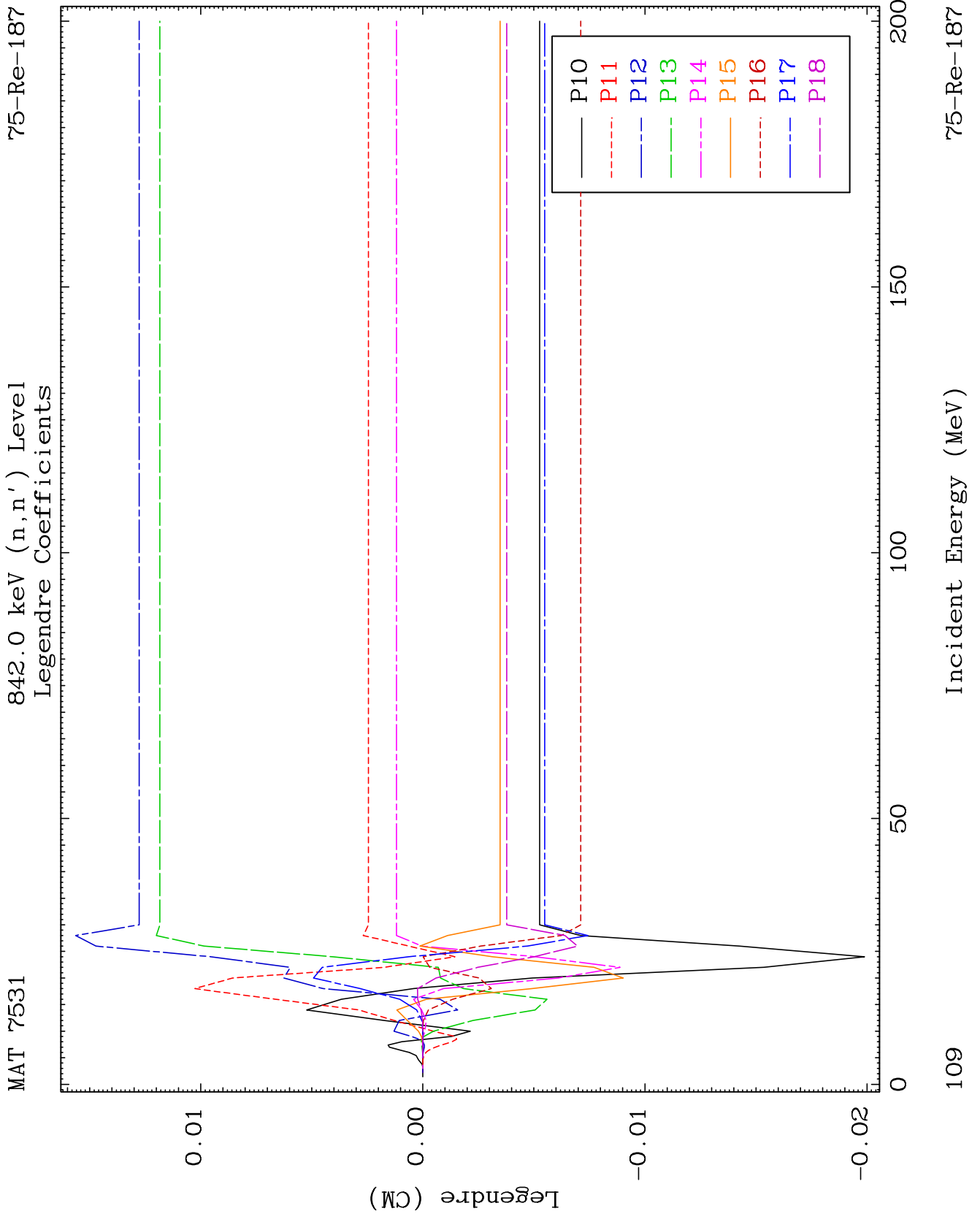


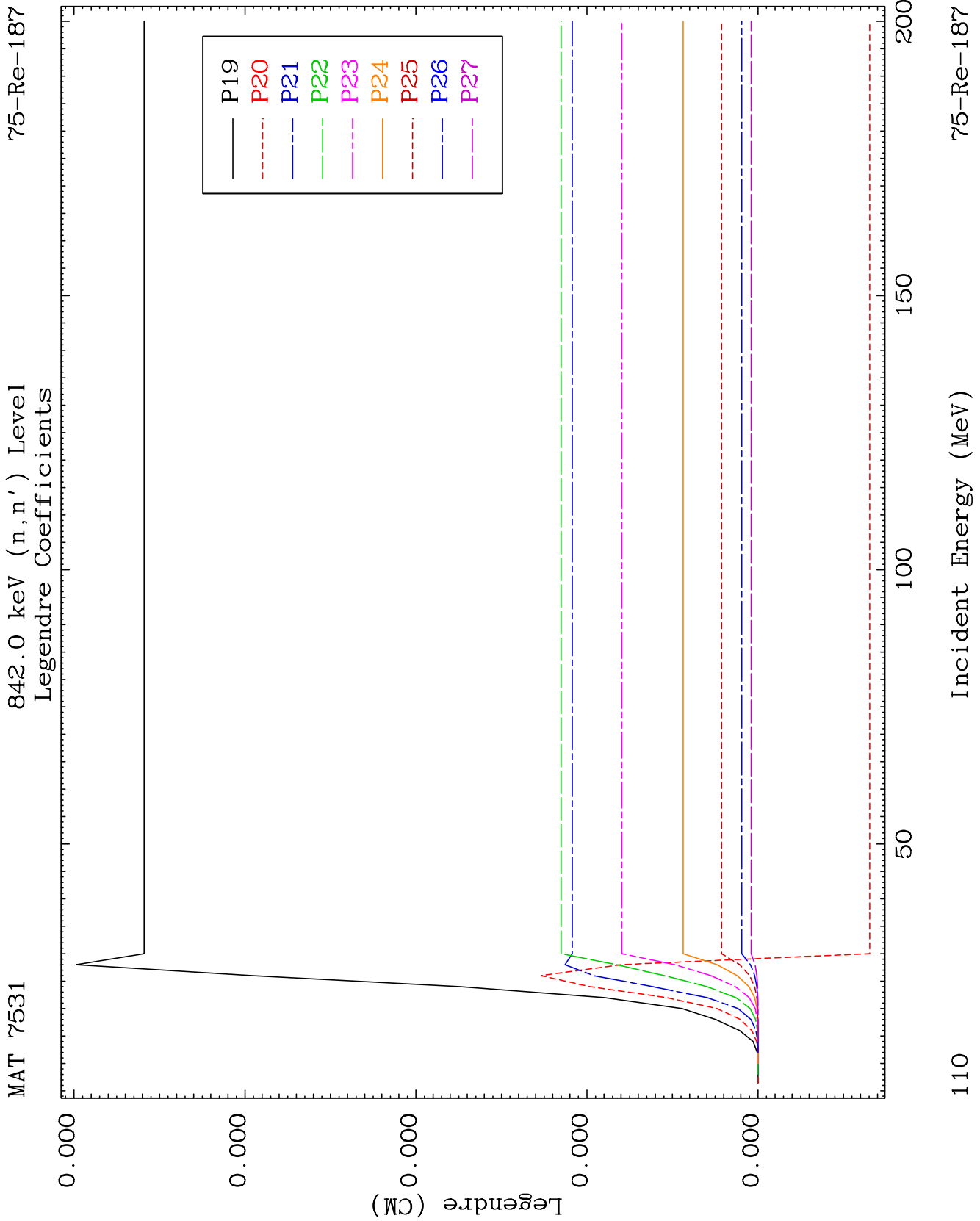


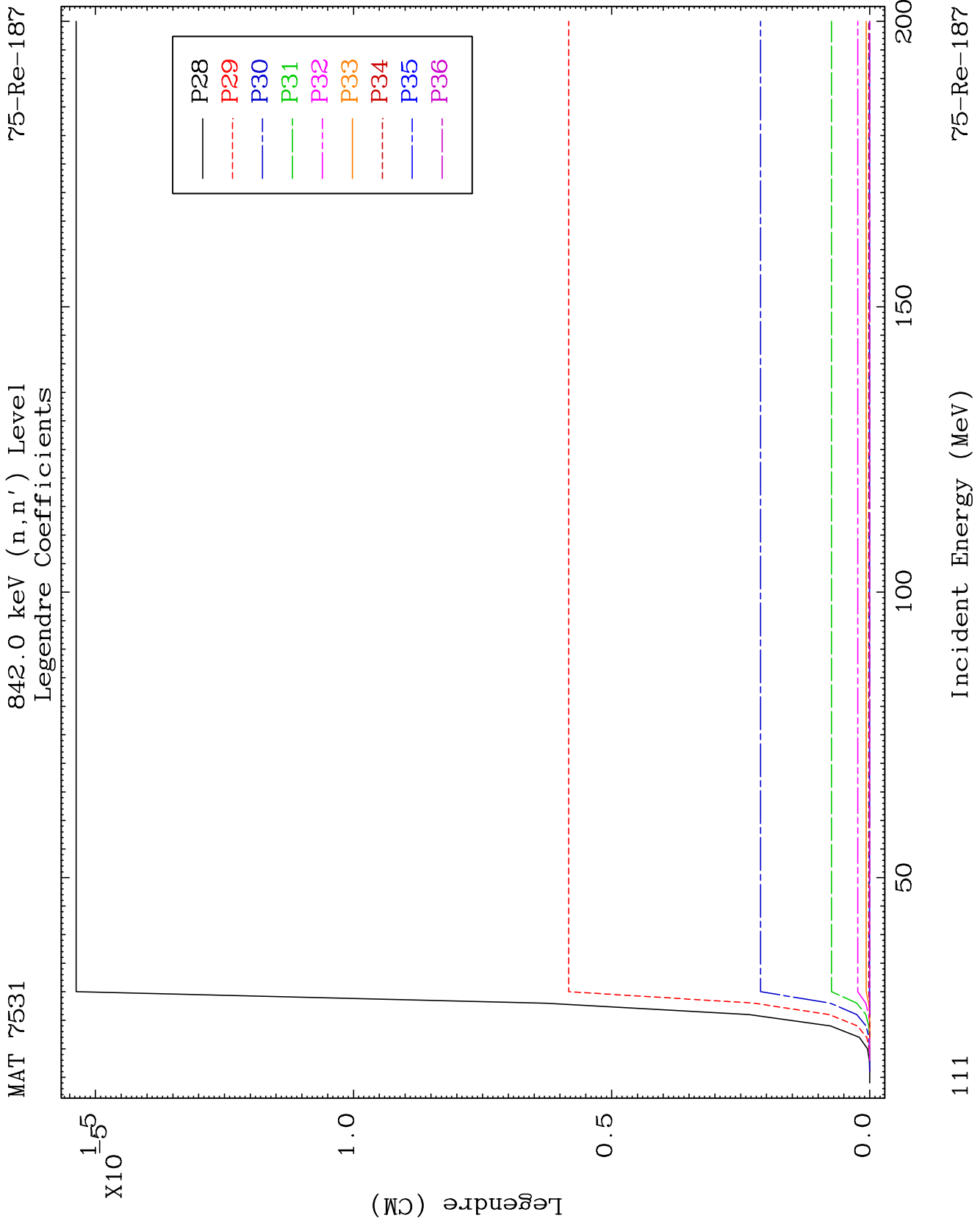




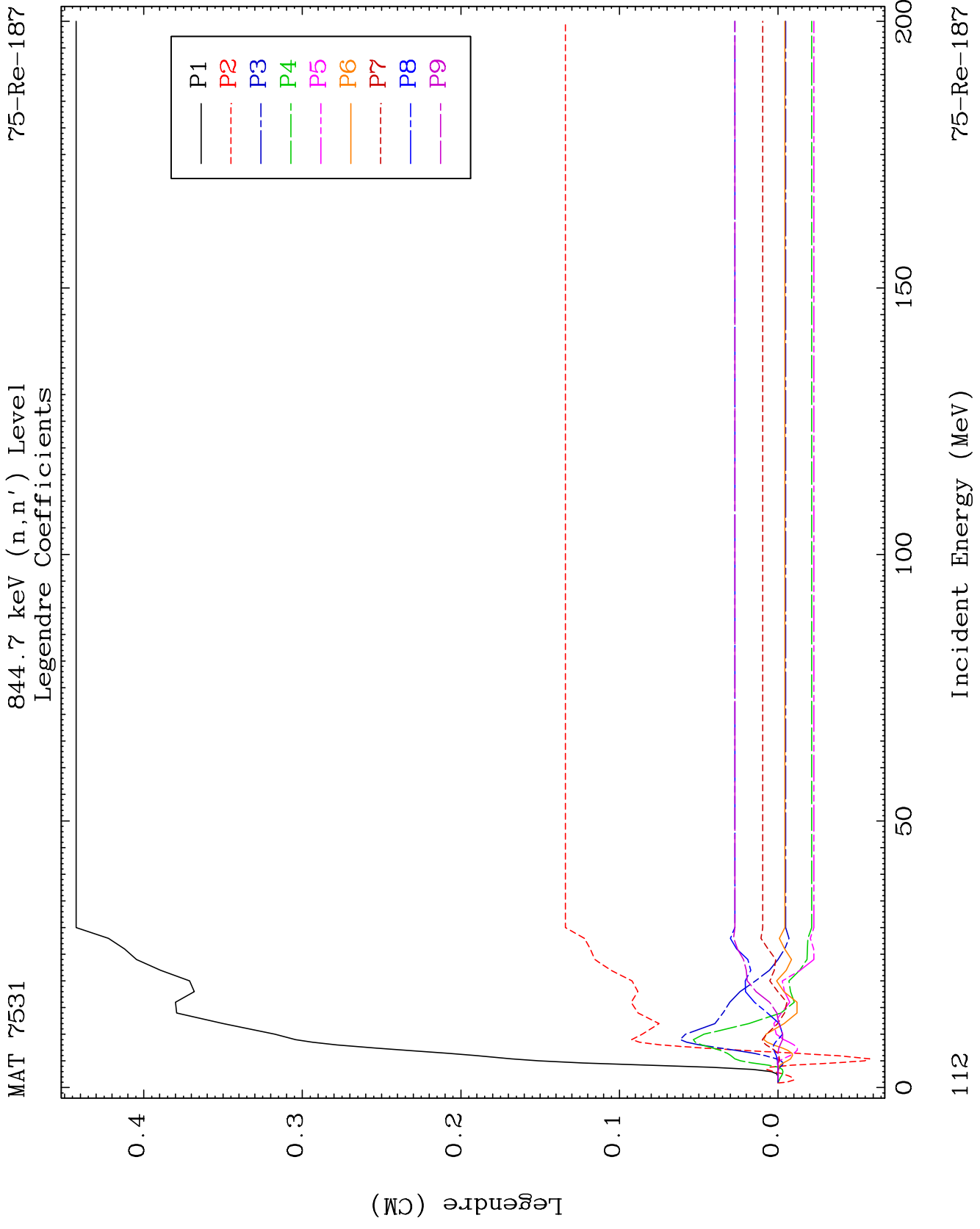




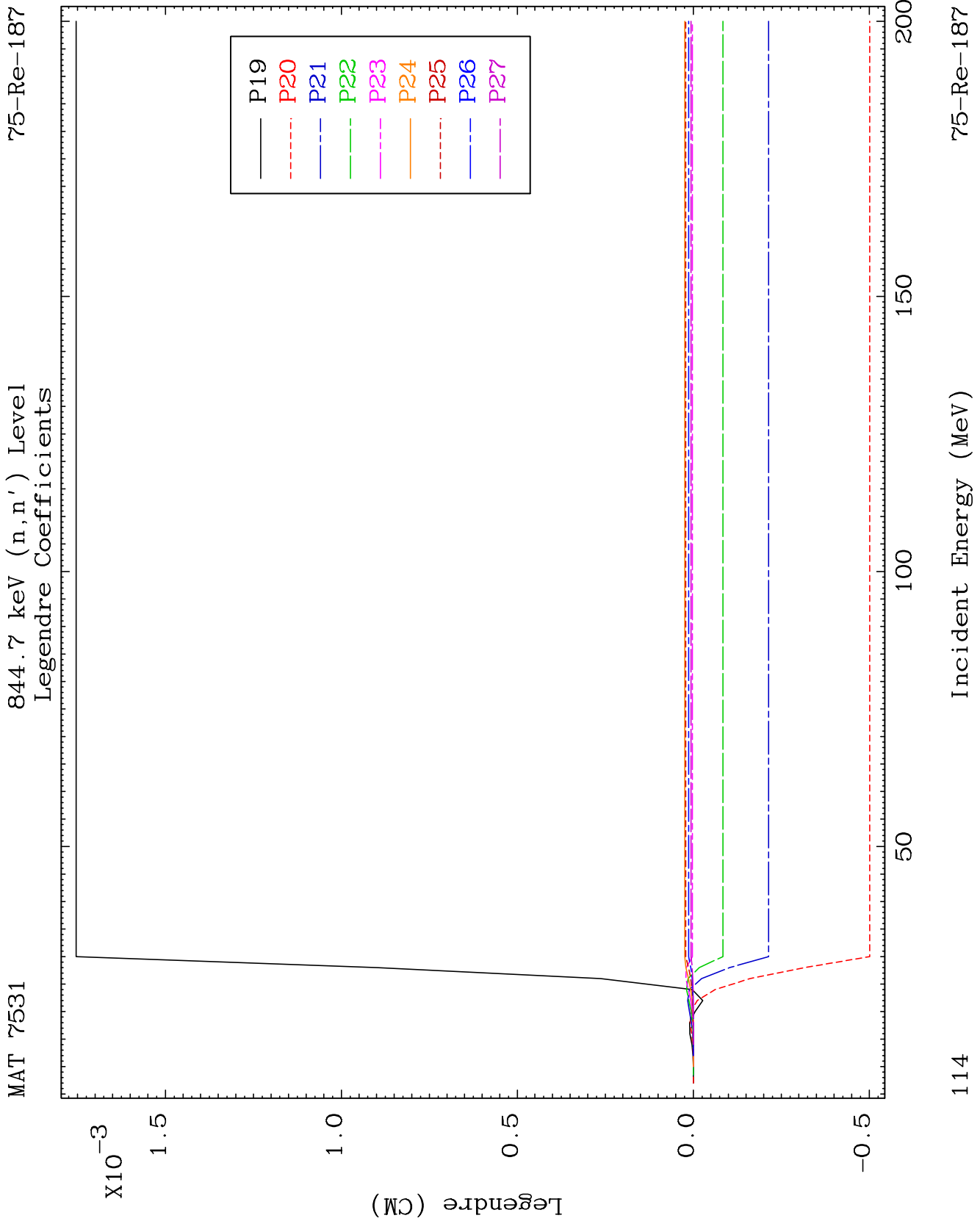


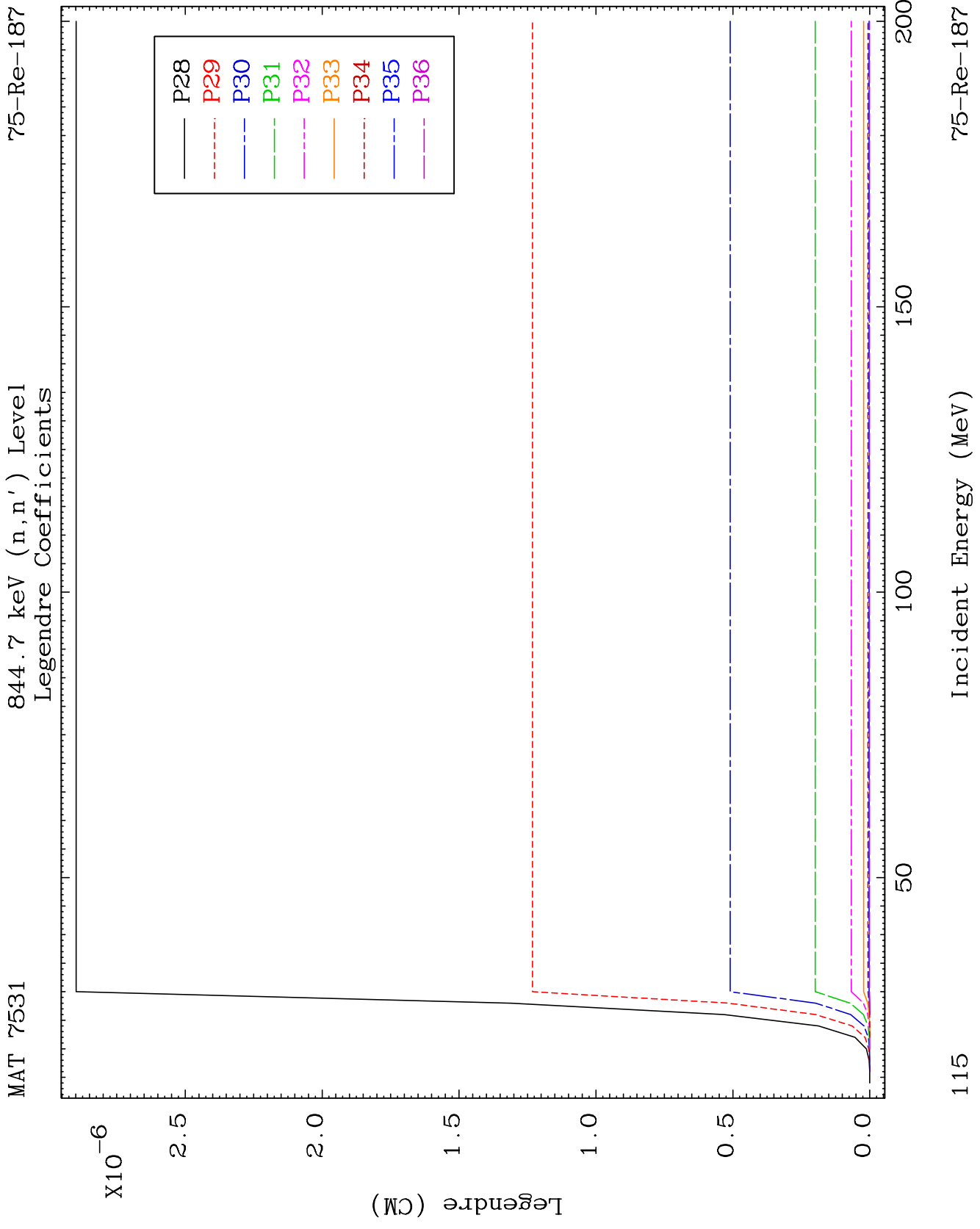


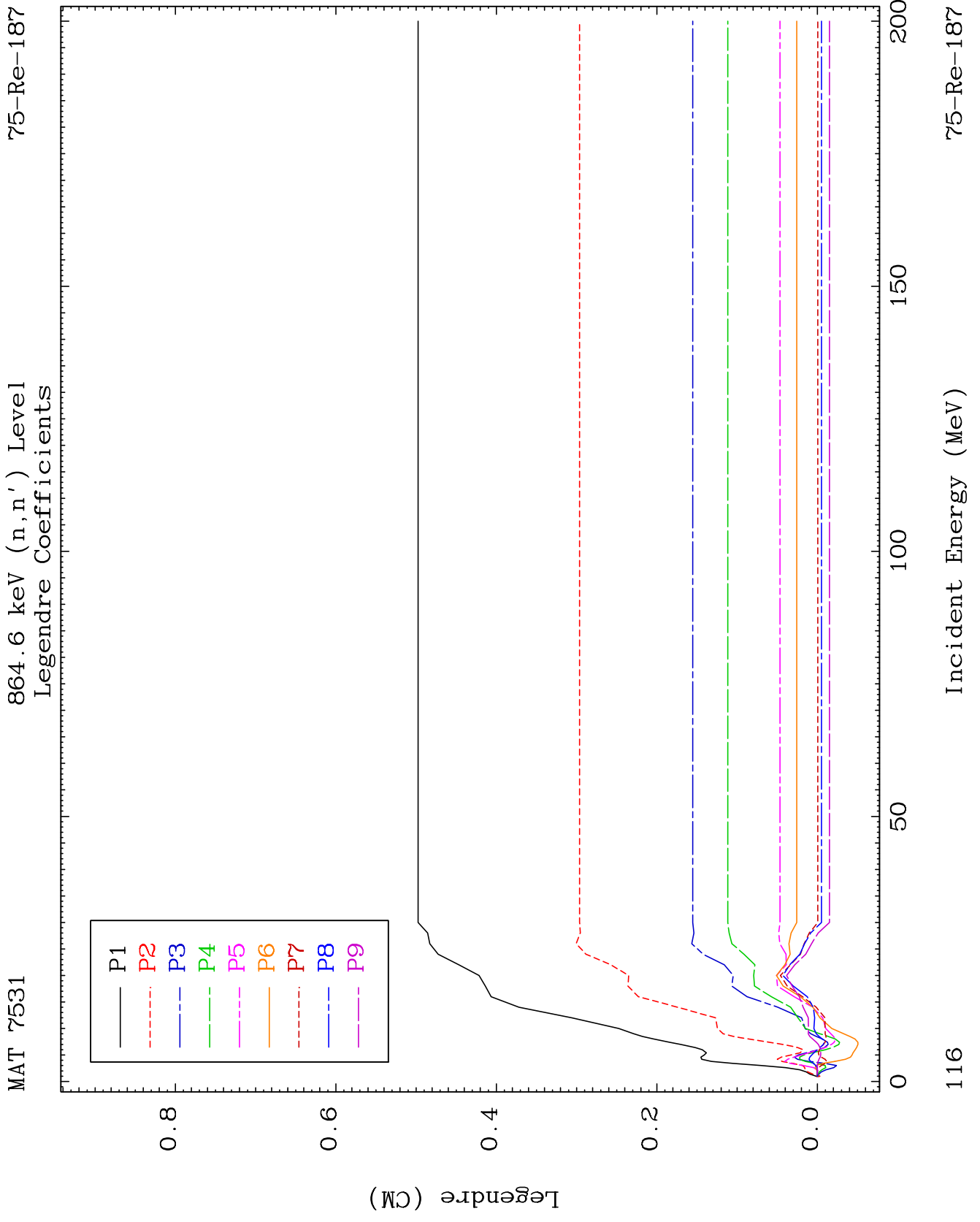


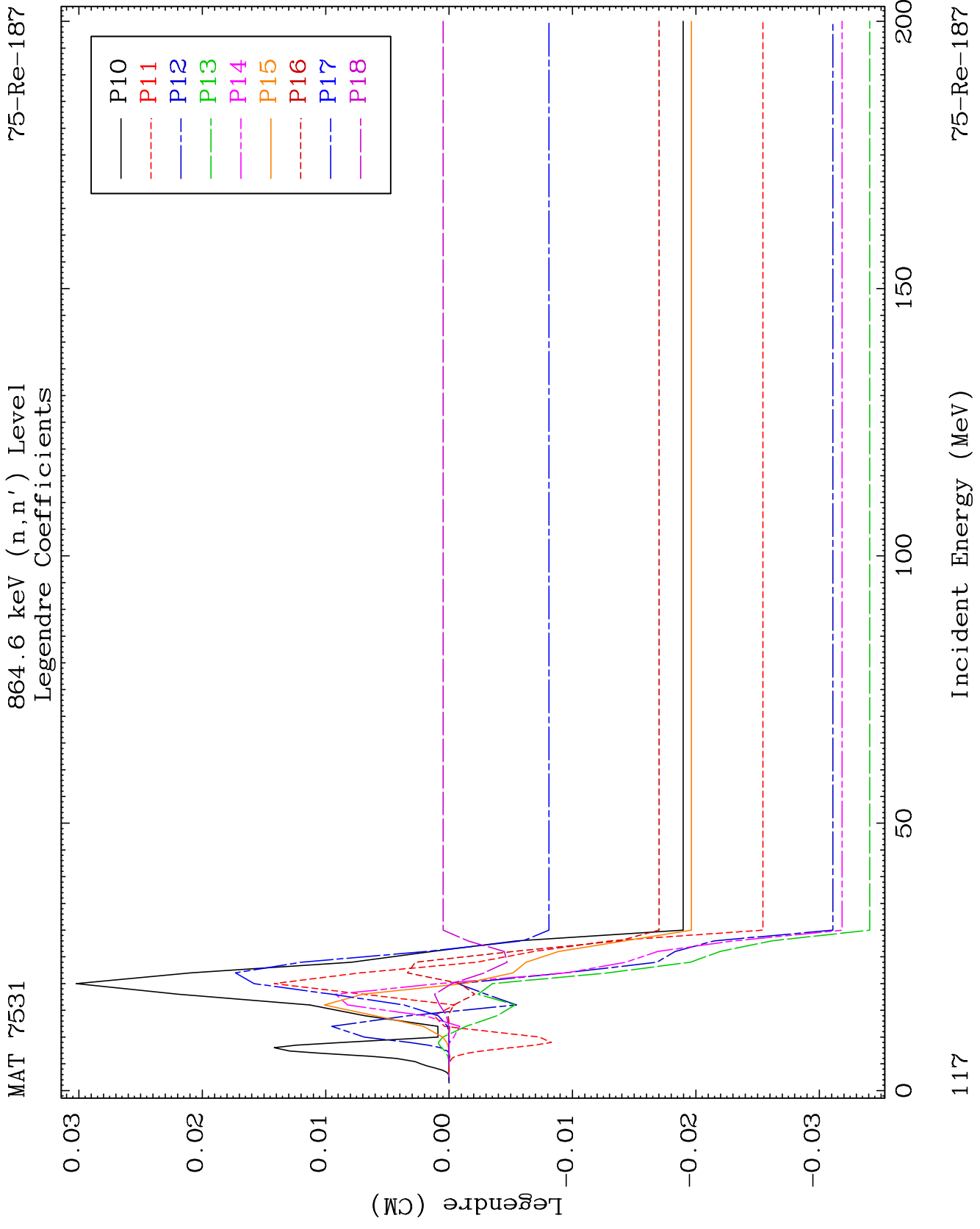


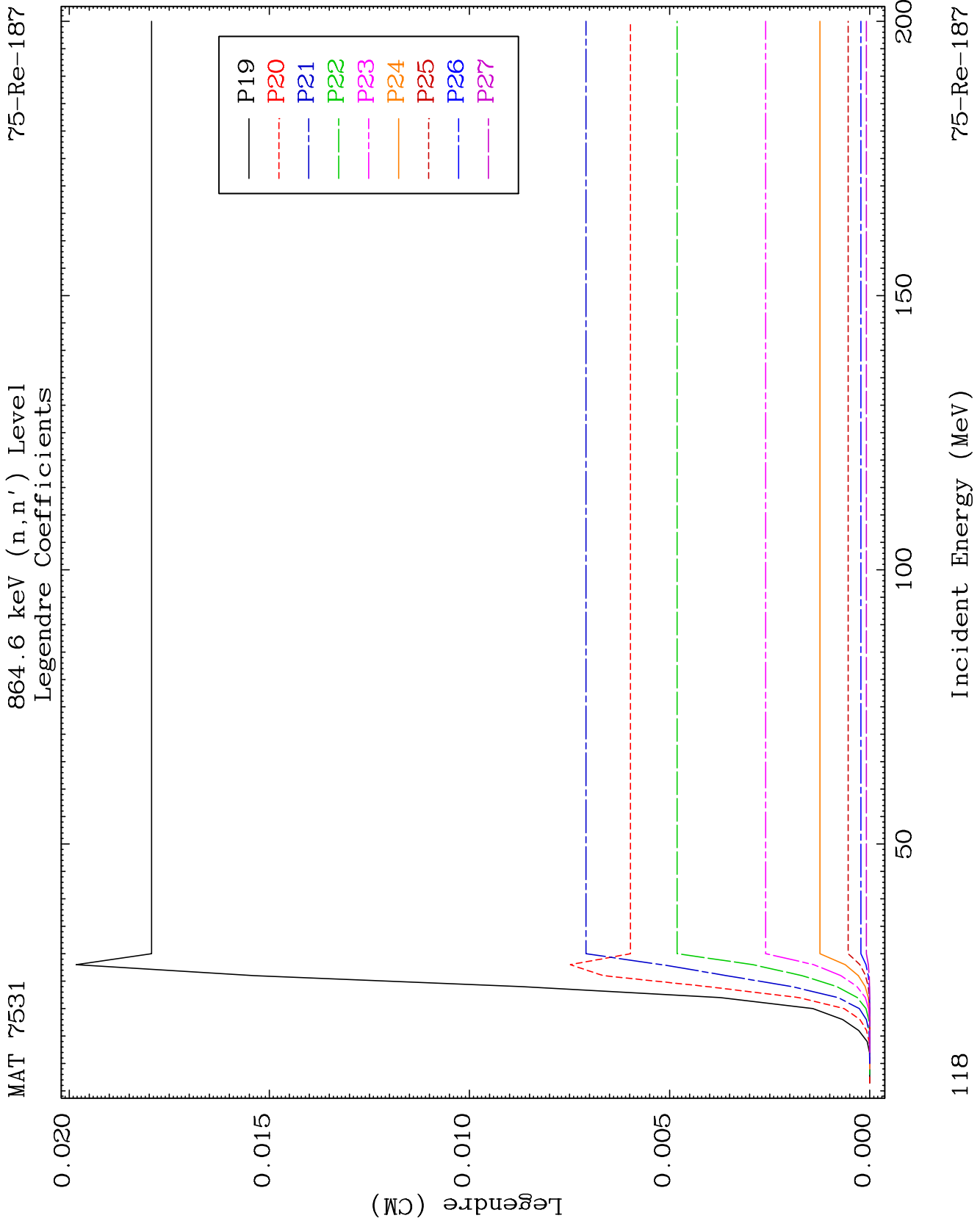


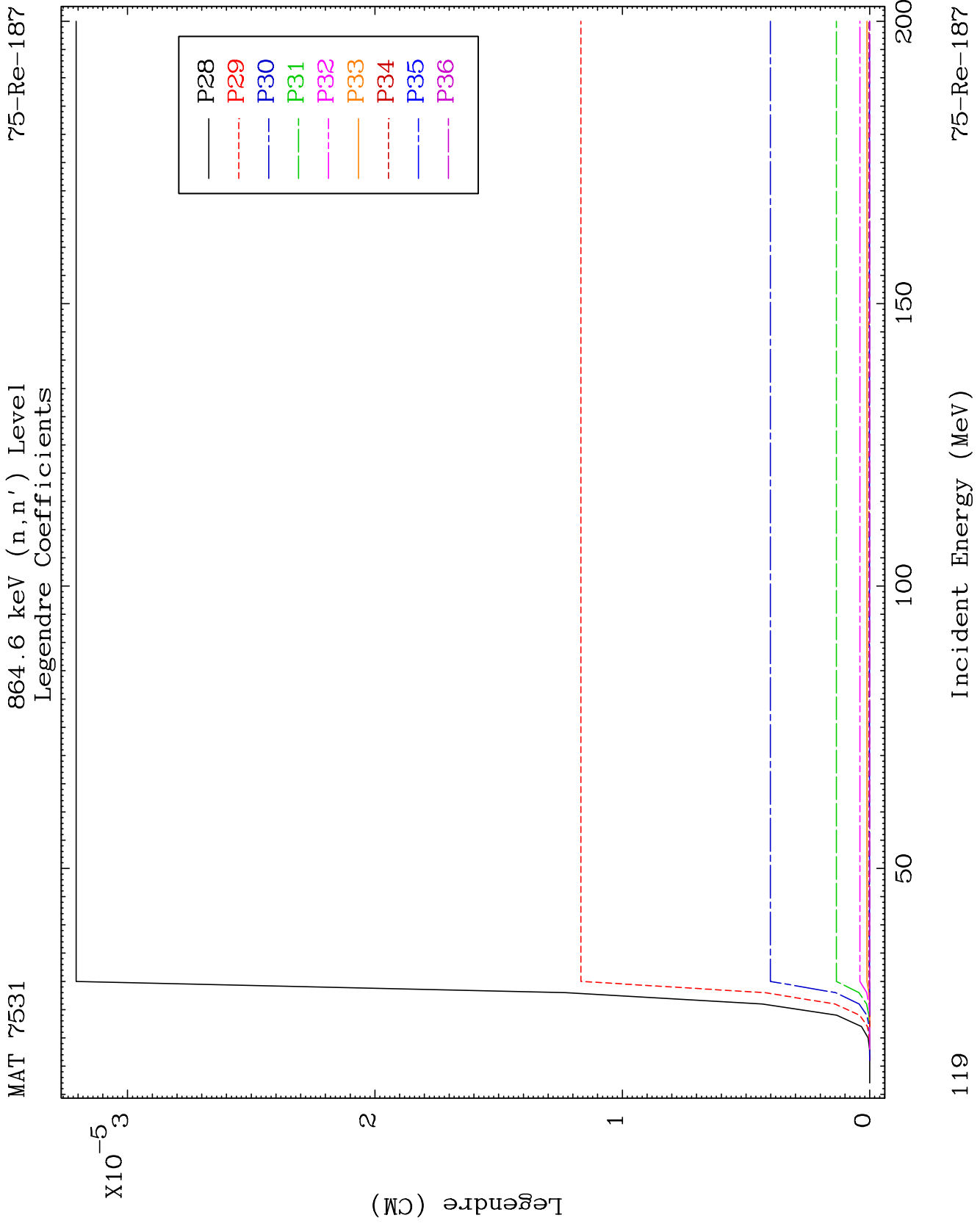




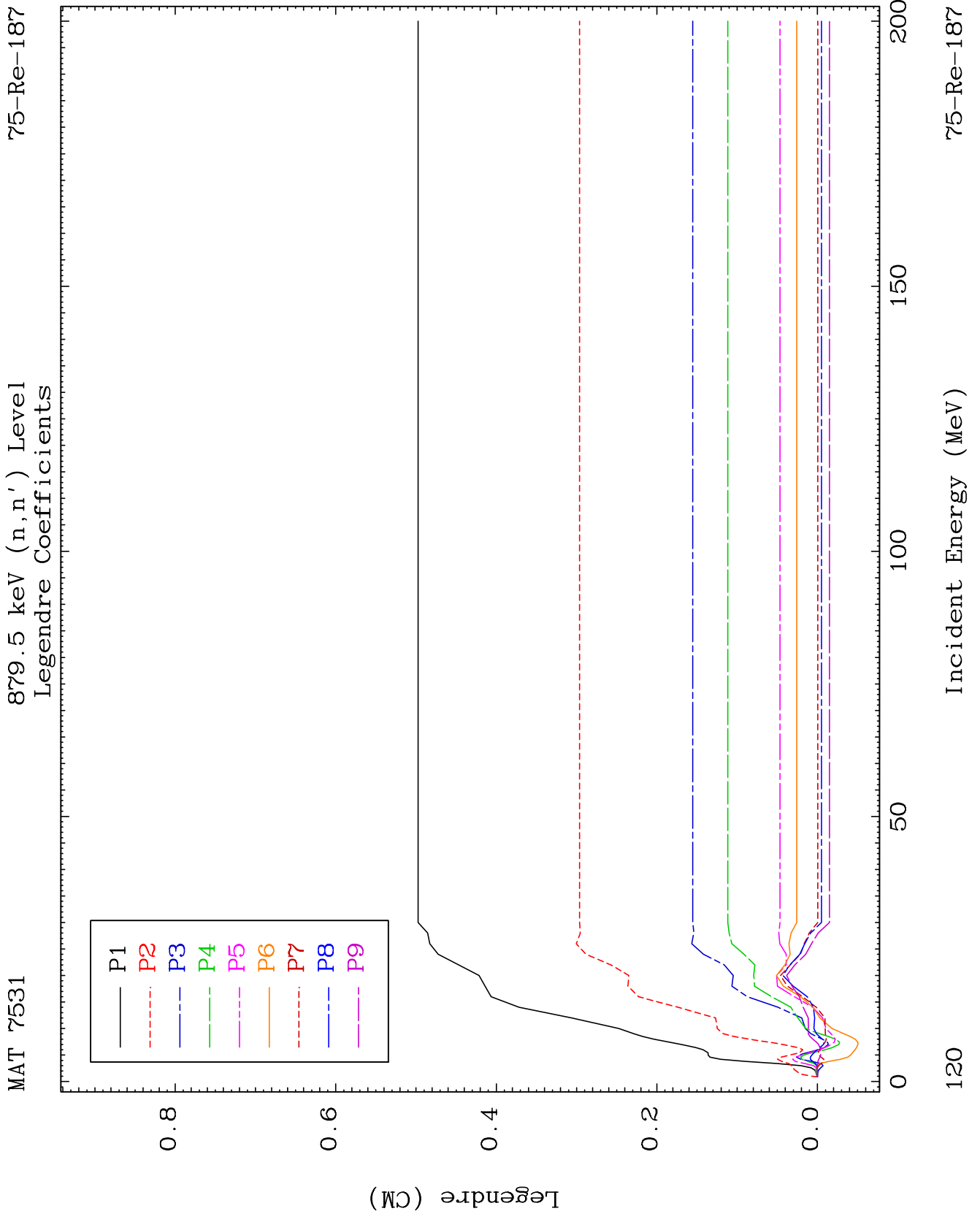


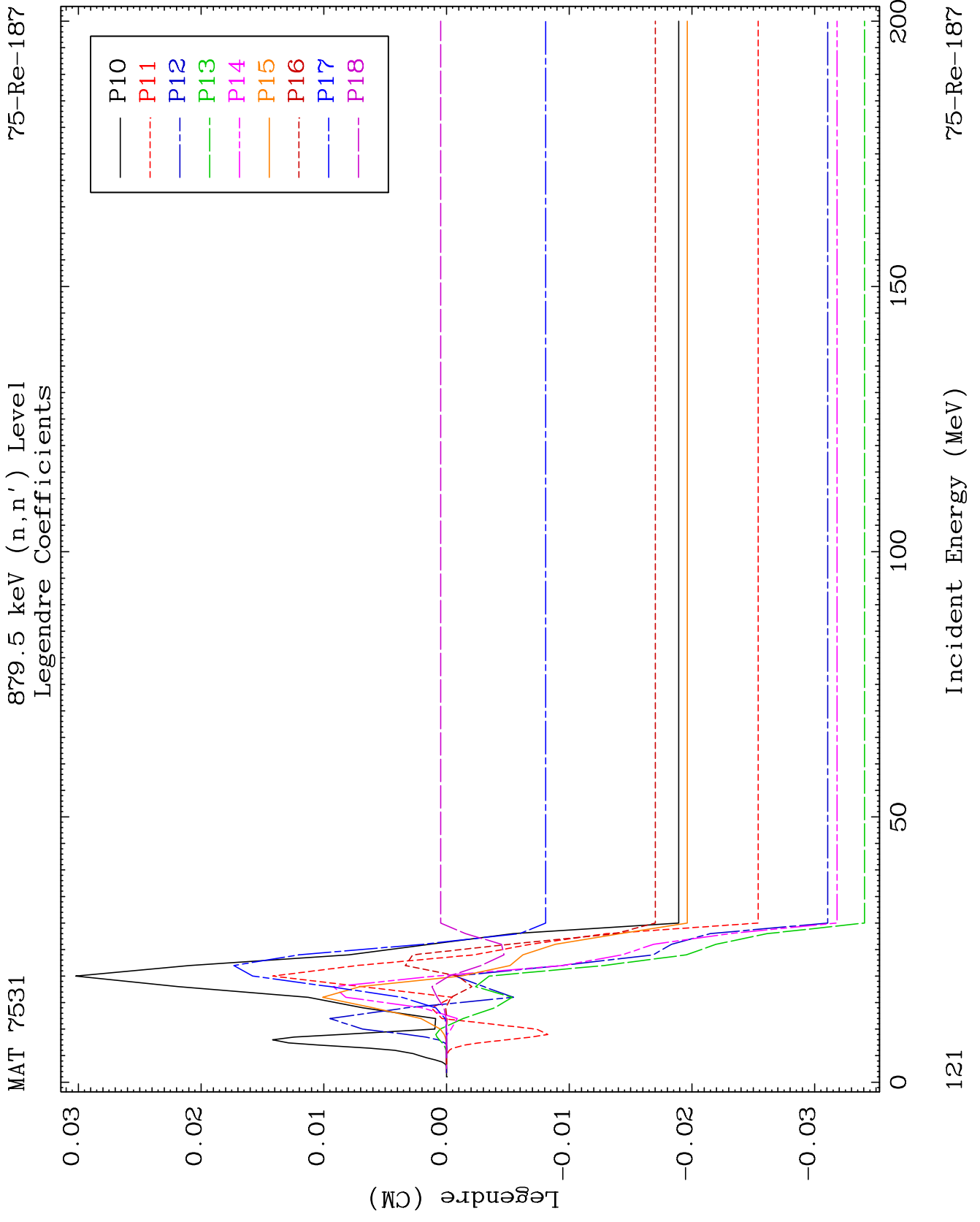


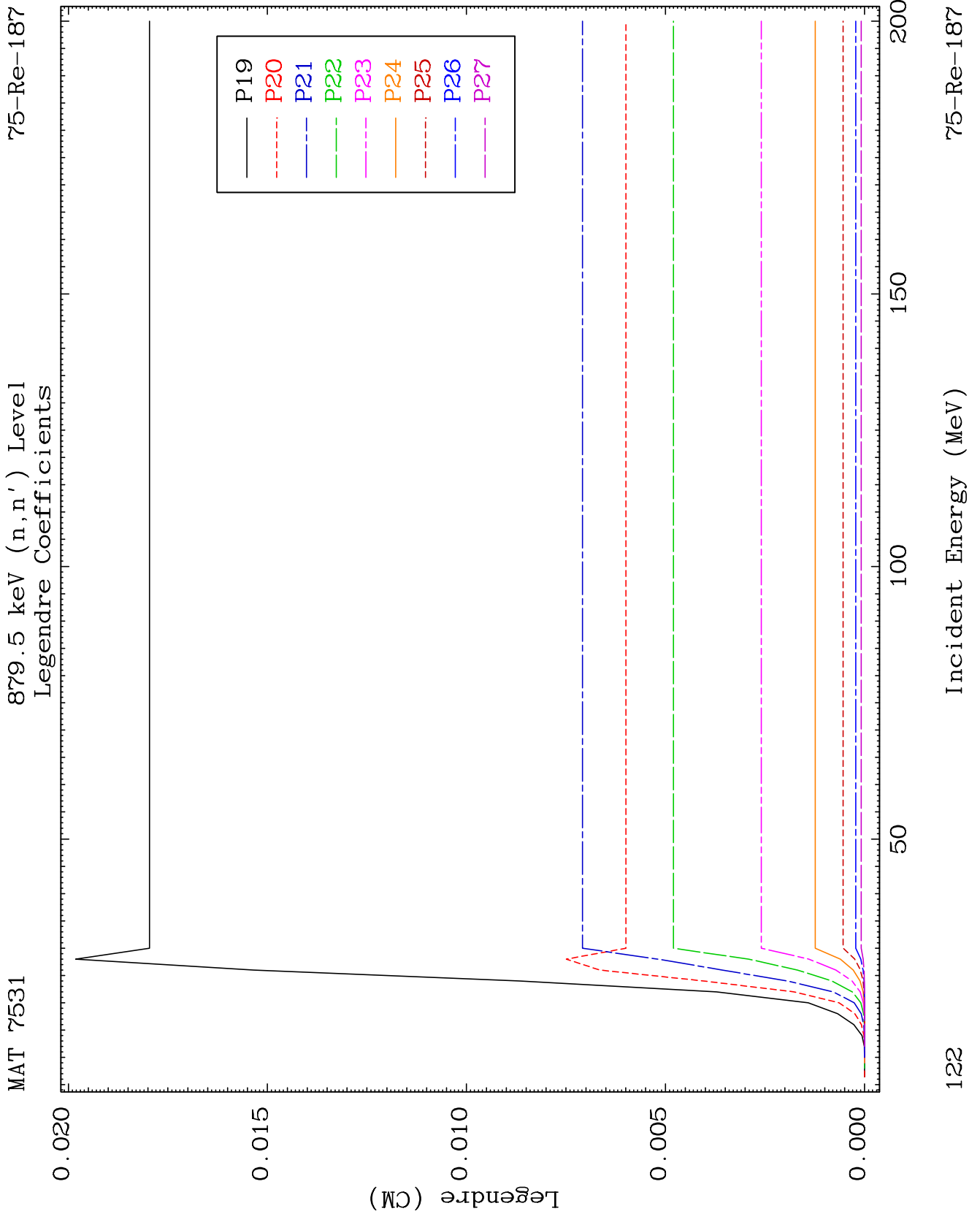


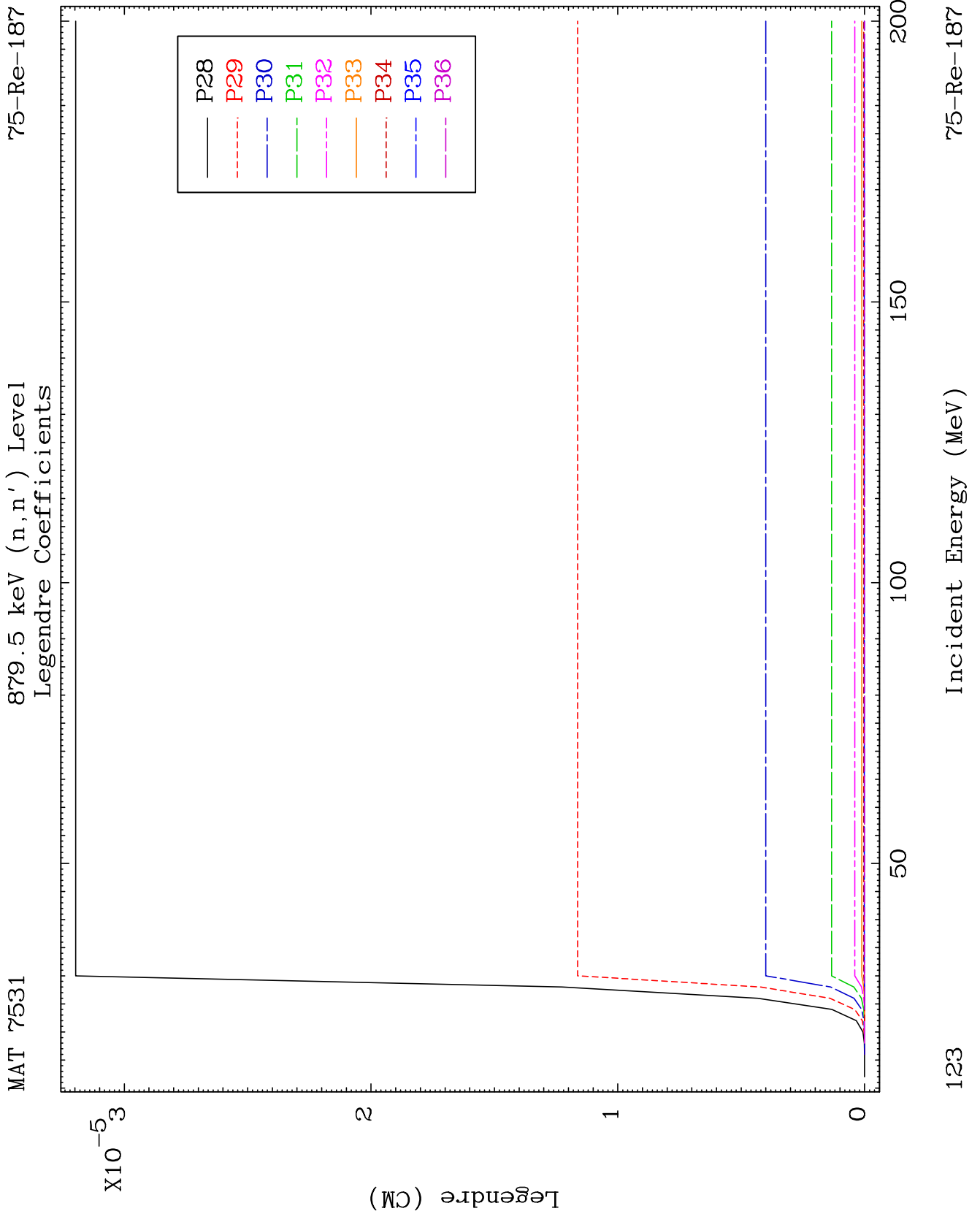




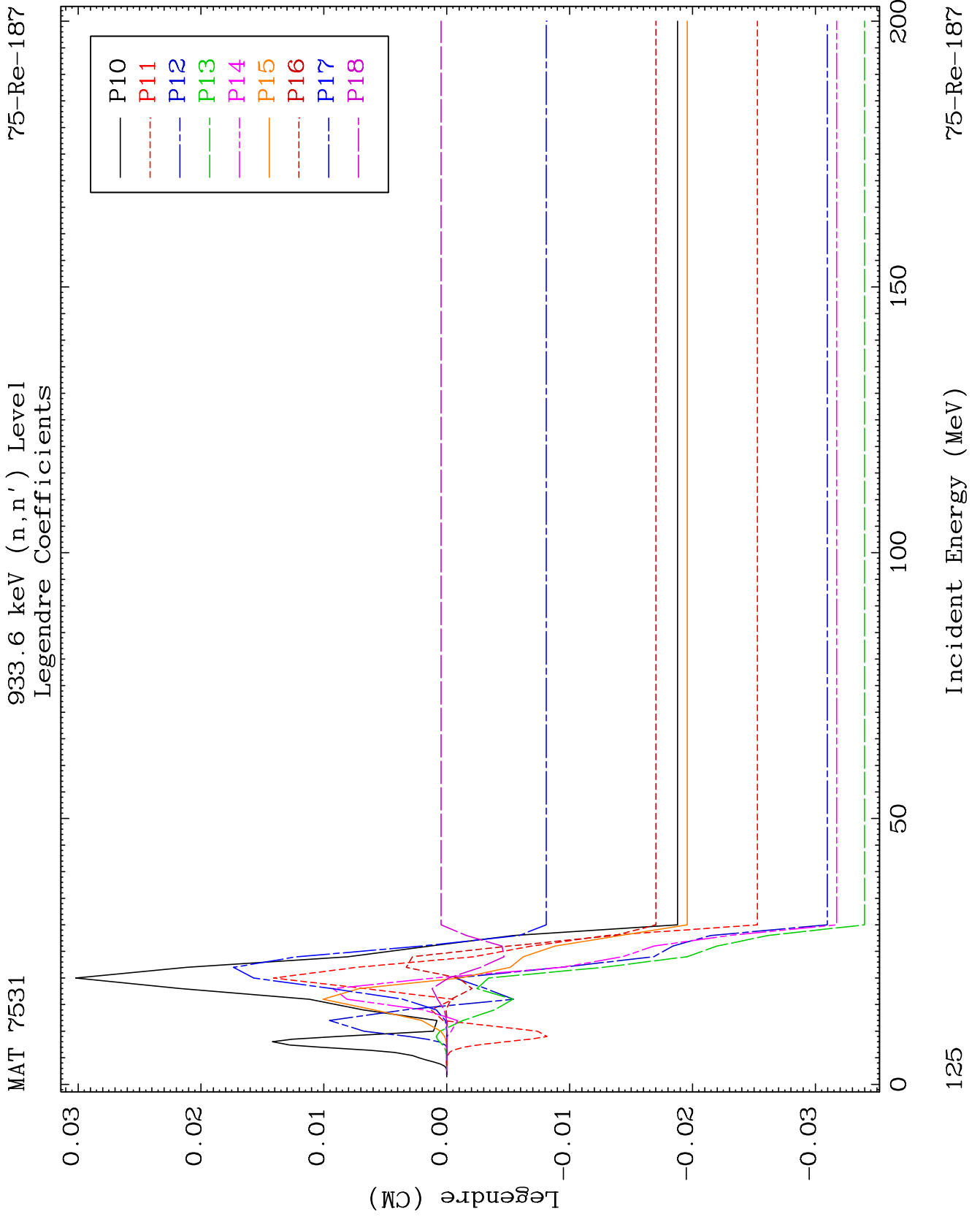


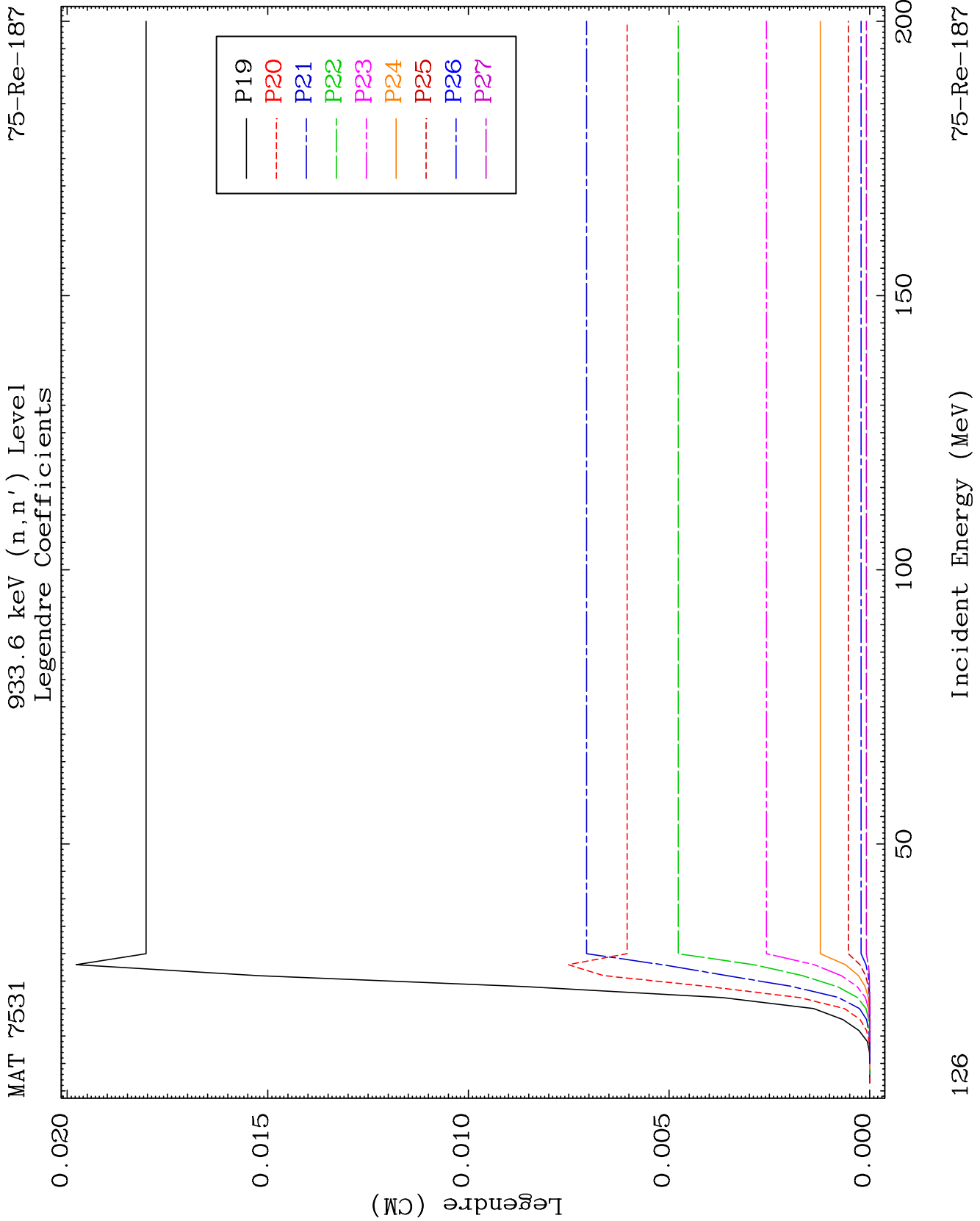


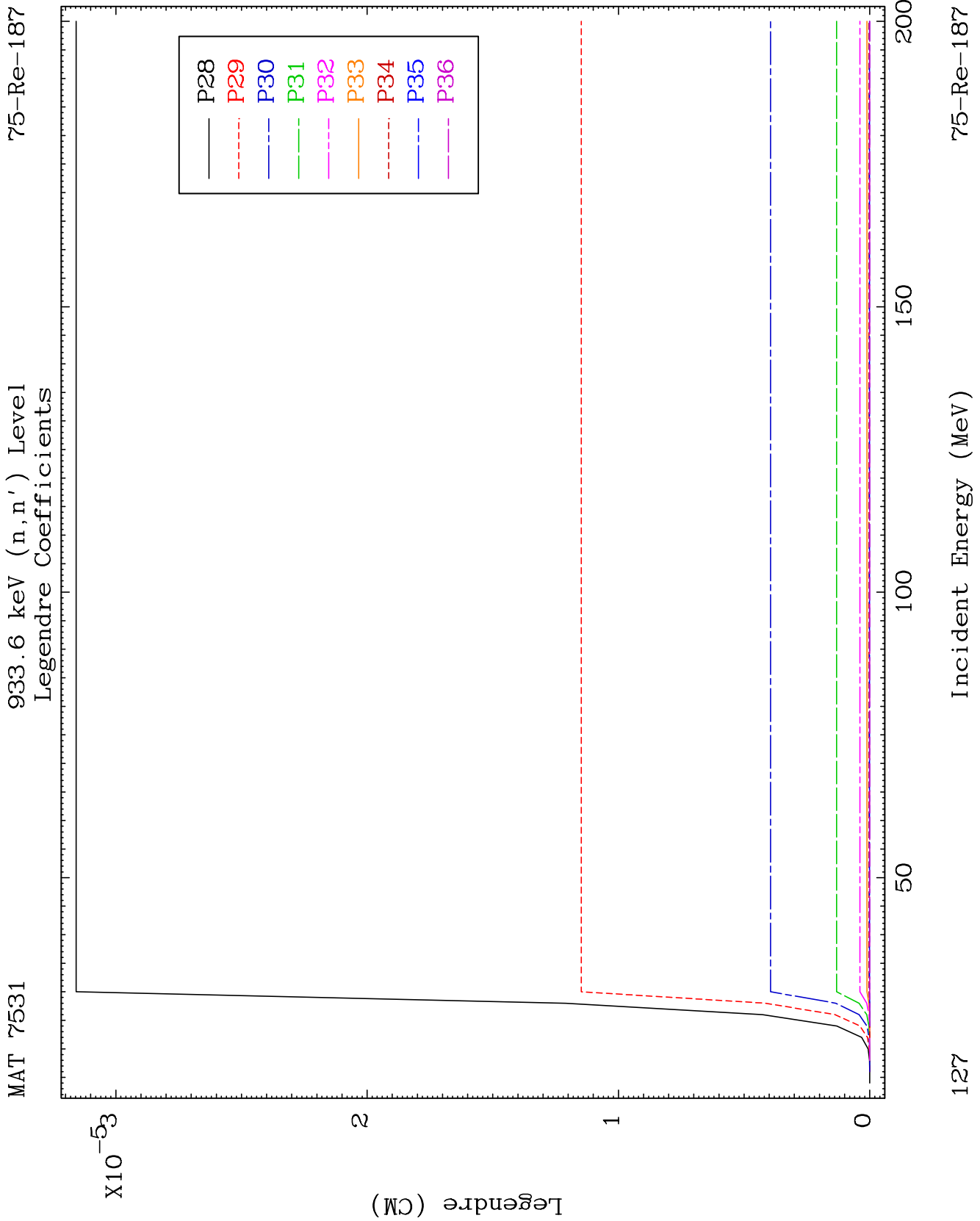




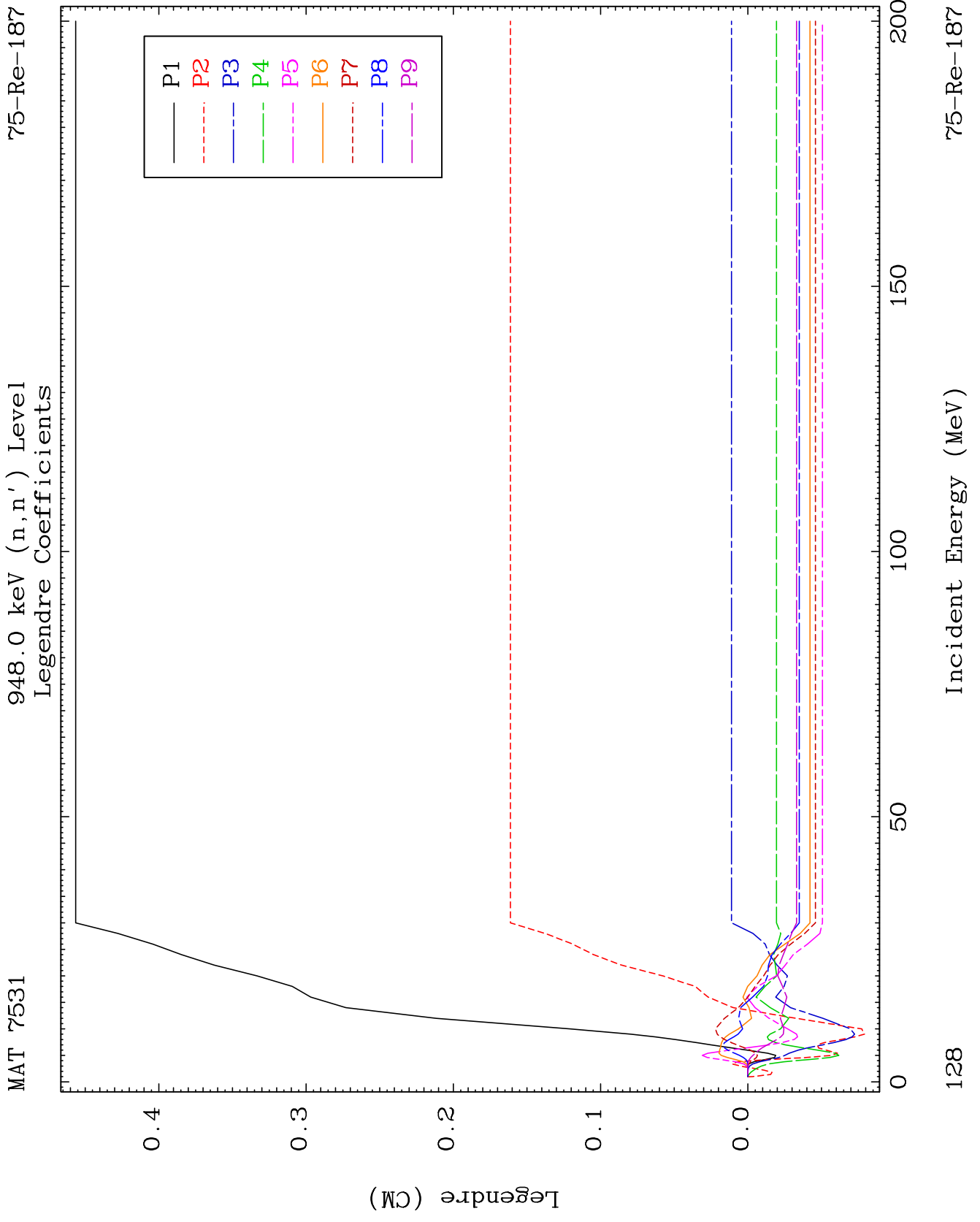


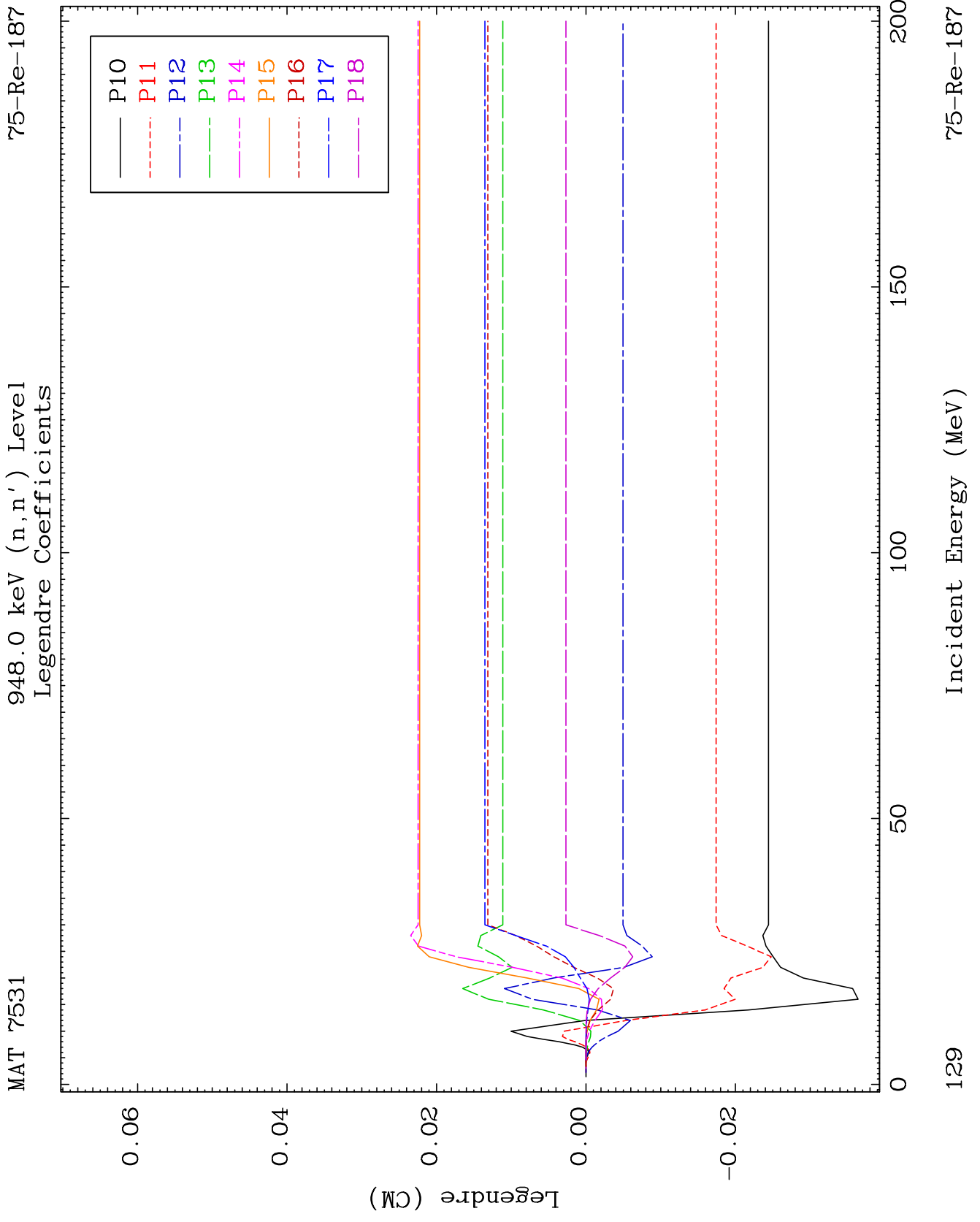








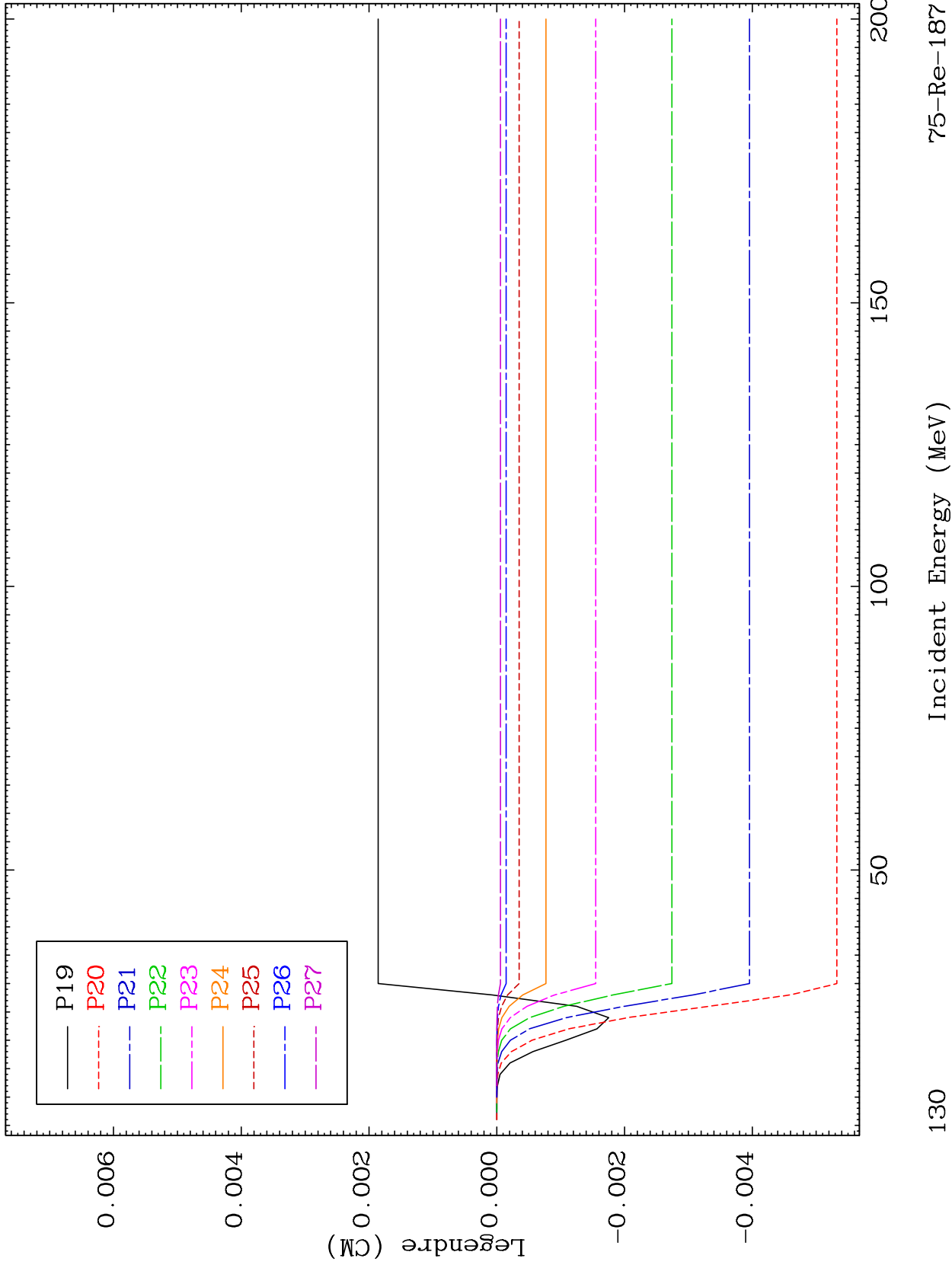




MAT 7531

948.0 keV (n,n') Level  
Legendre Coefficients

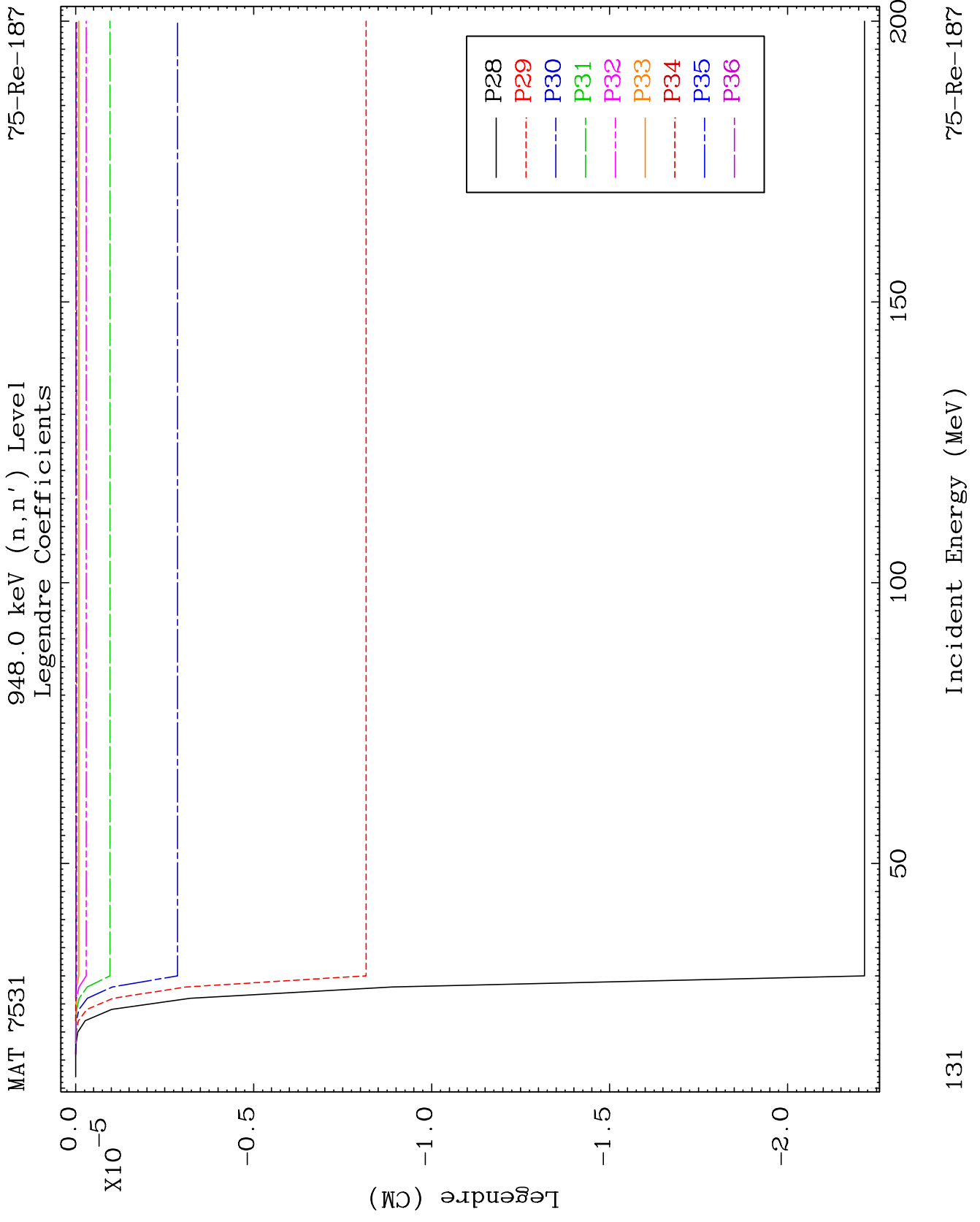
75-Re-187

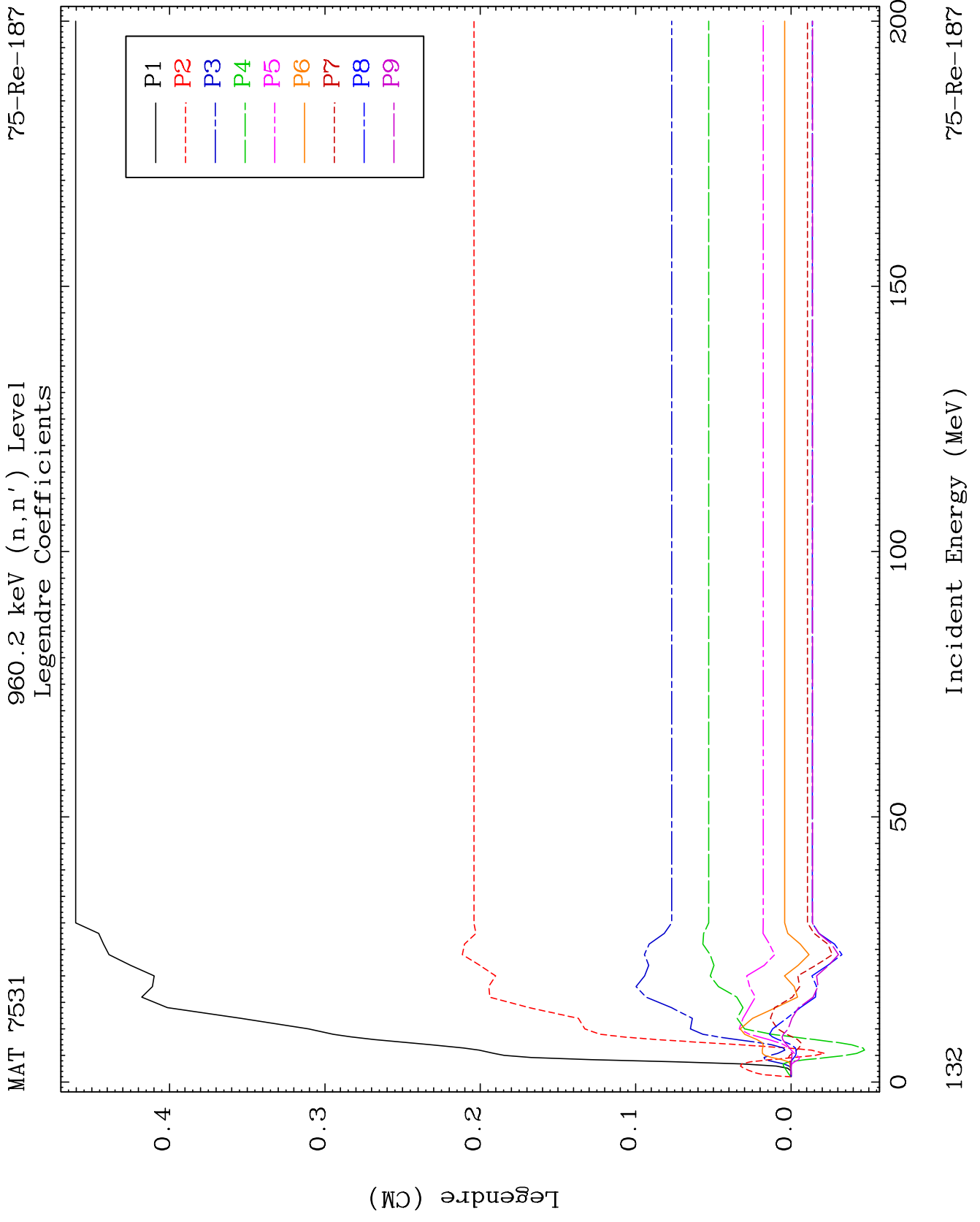


130

Incident Energy (MeV)

75-Re-187

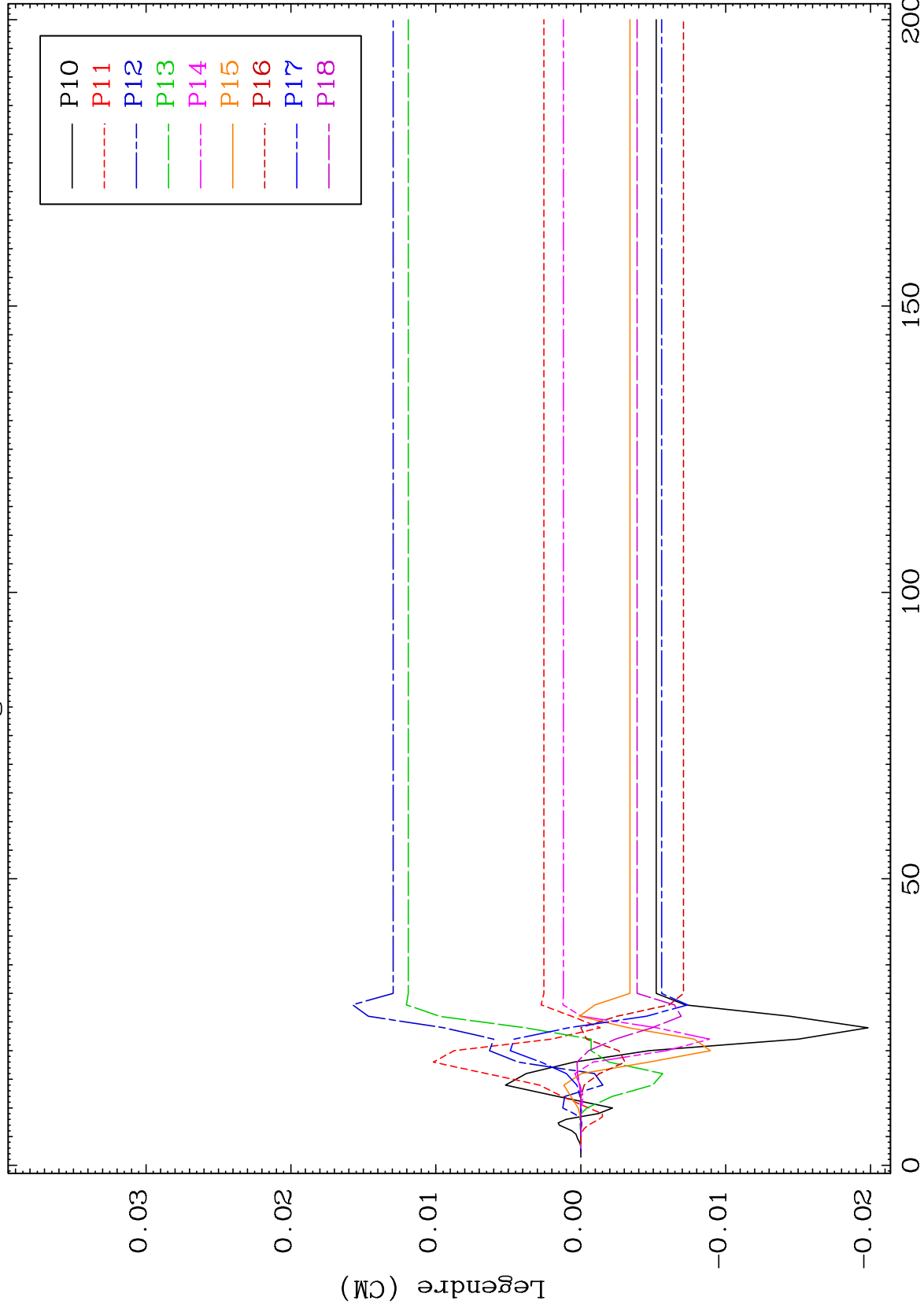




MAT 7531

960.2 keV (n,n') Level  
Legendre Coefficients

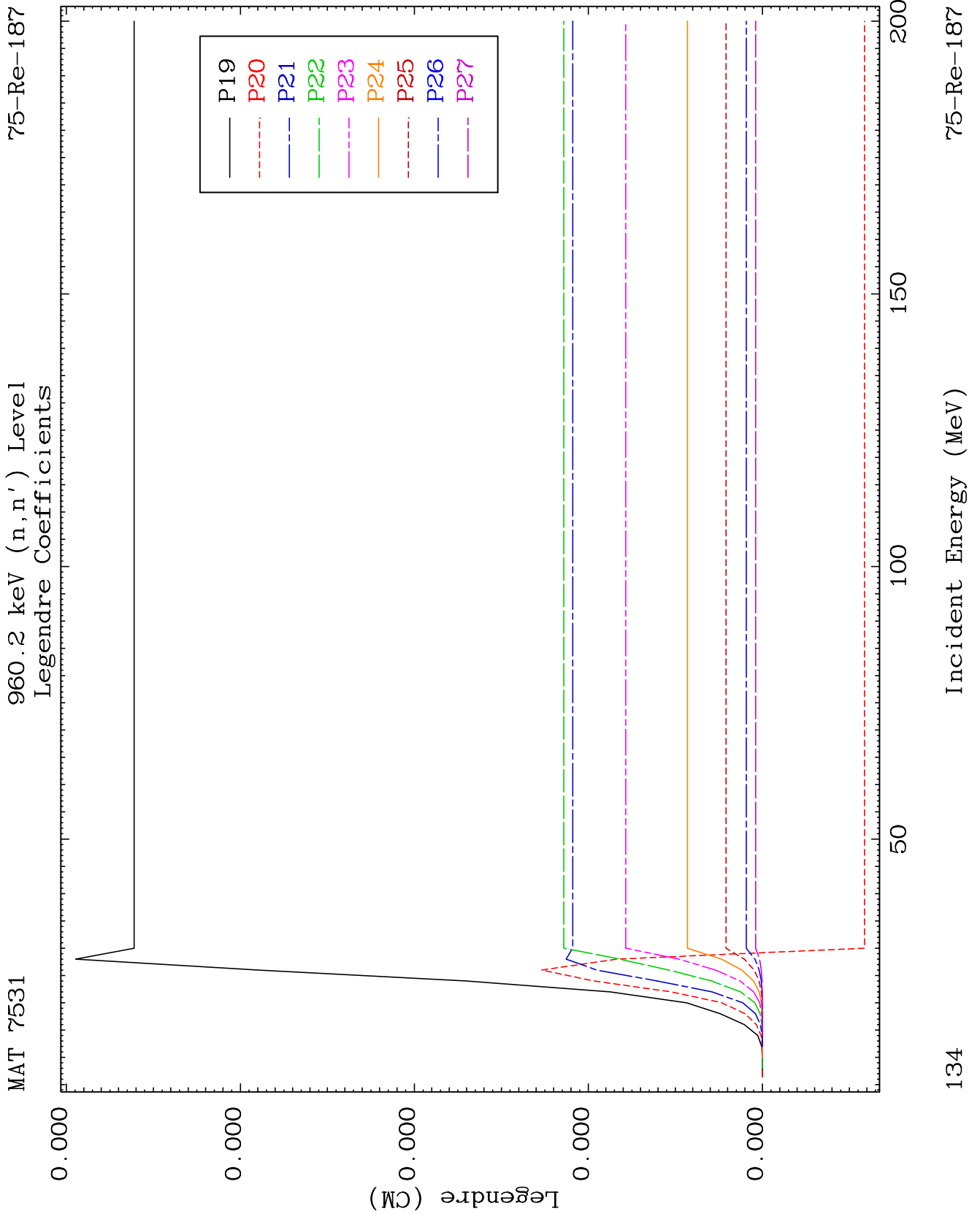
75-Re-187

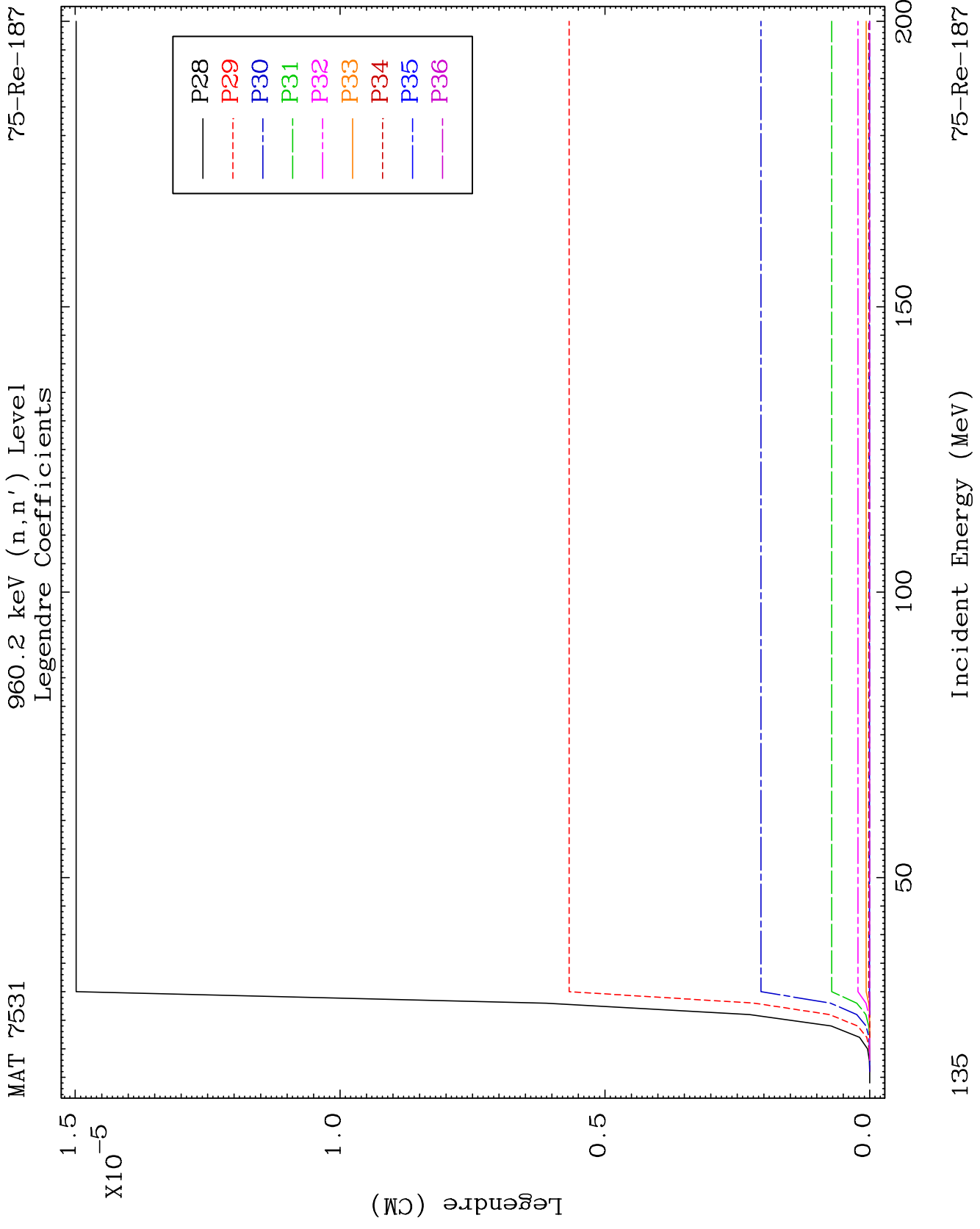


133

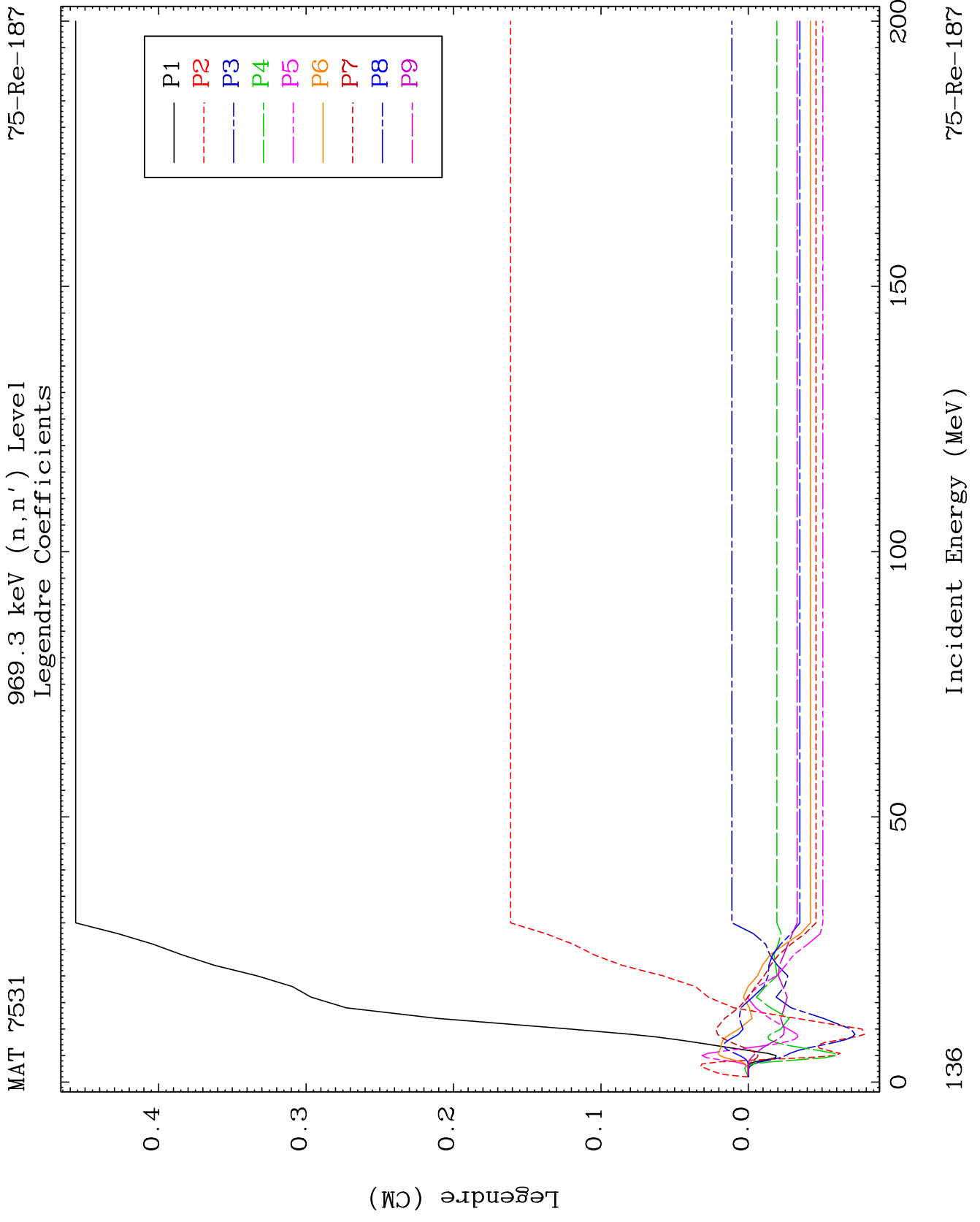
Incident Energy (MeV)

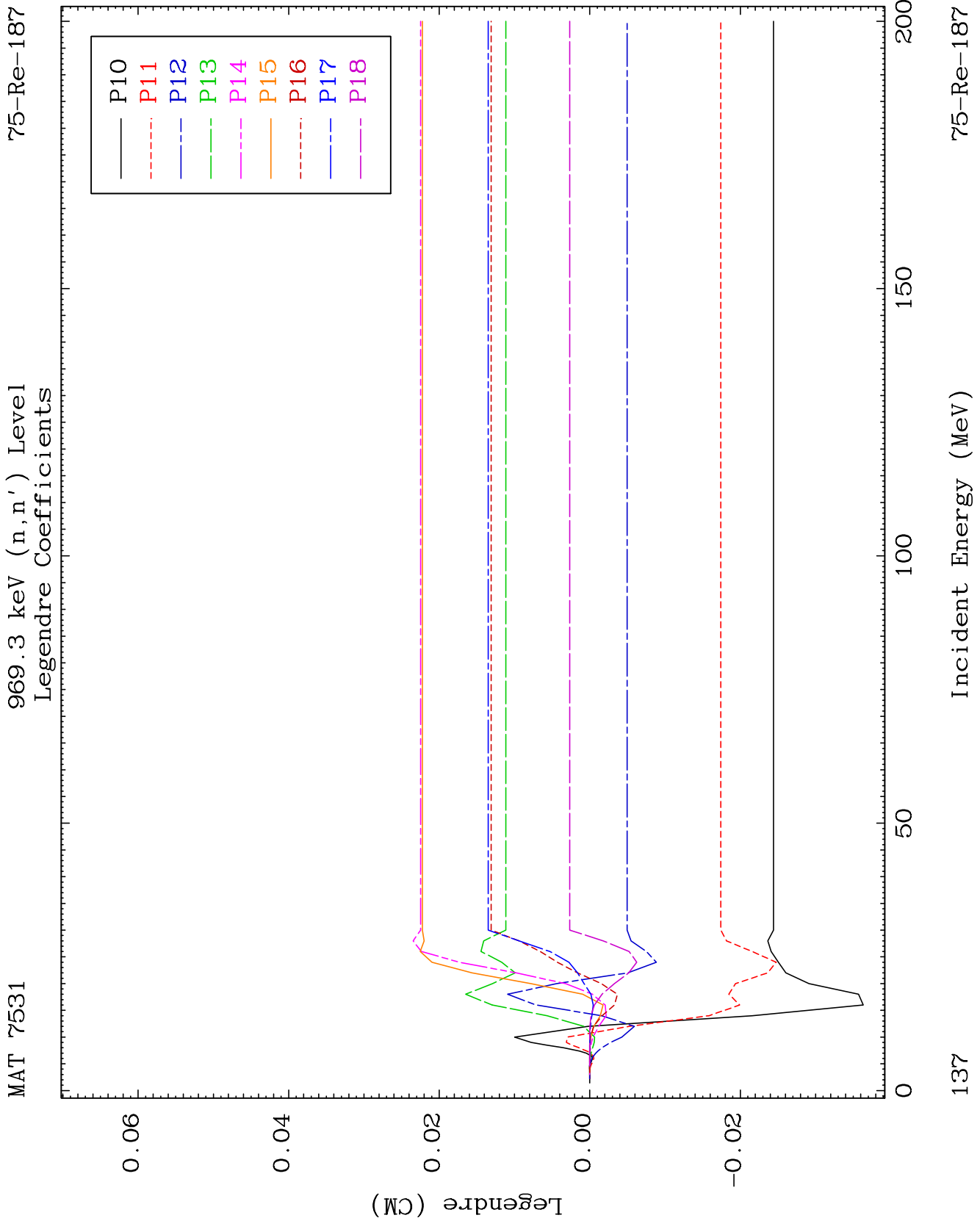
75-Re-187

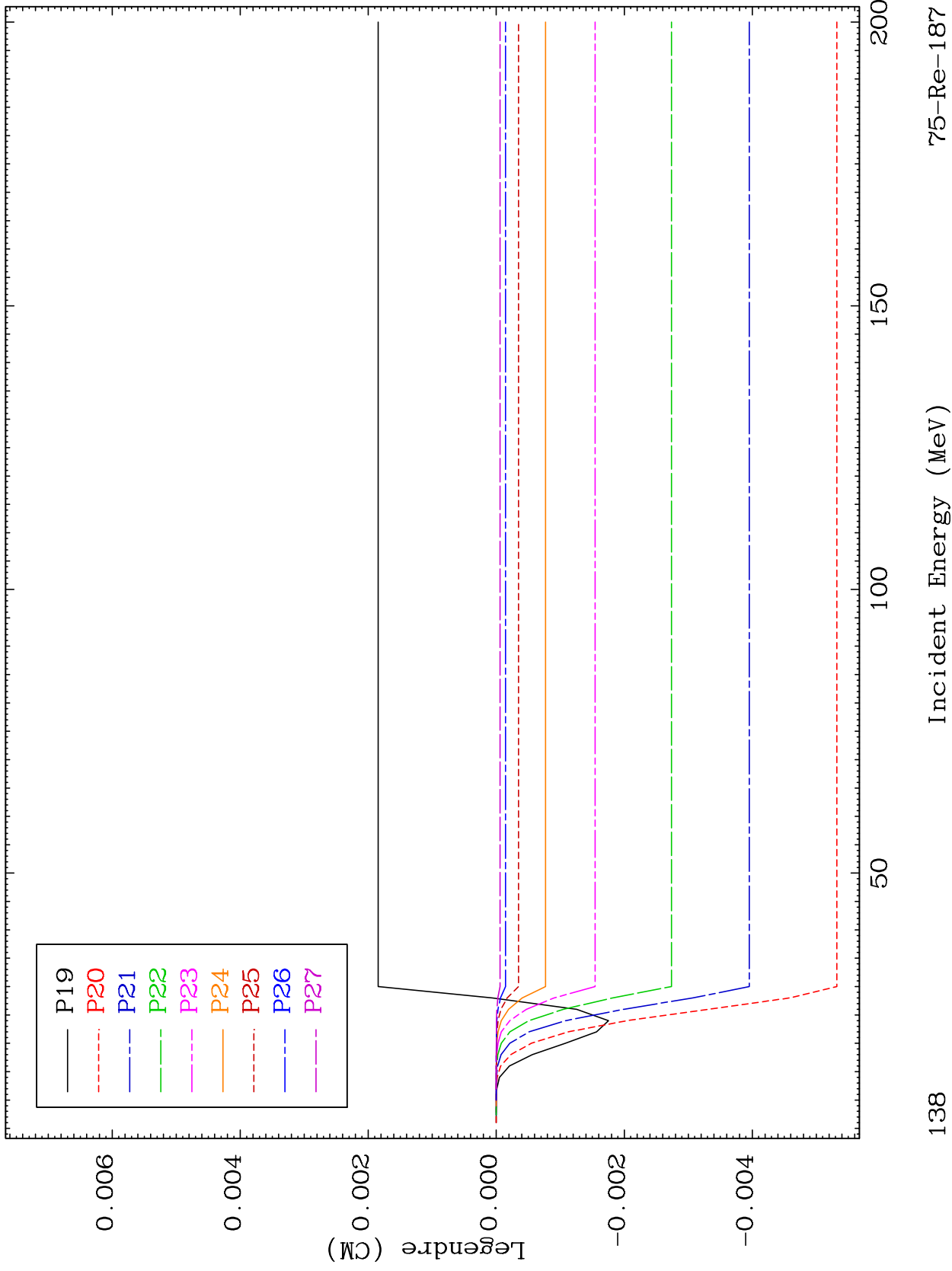


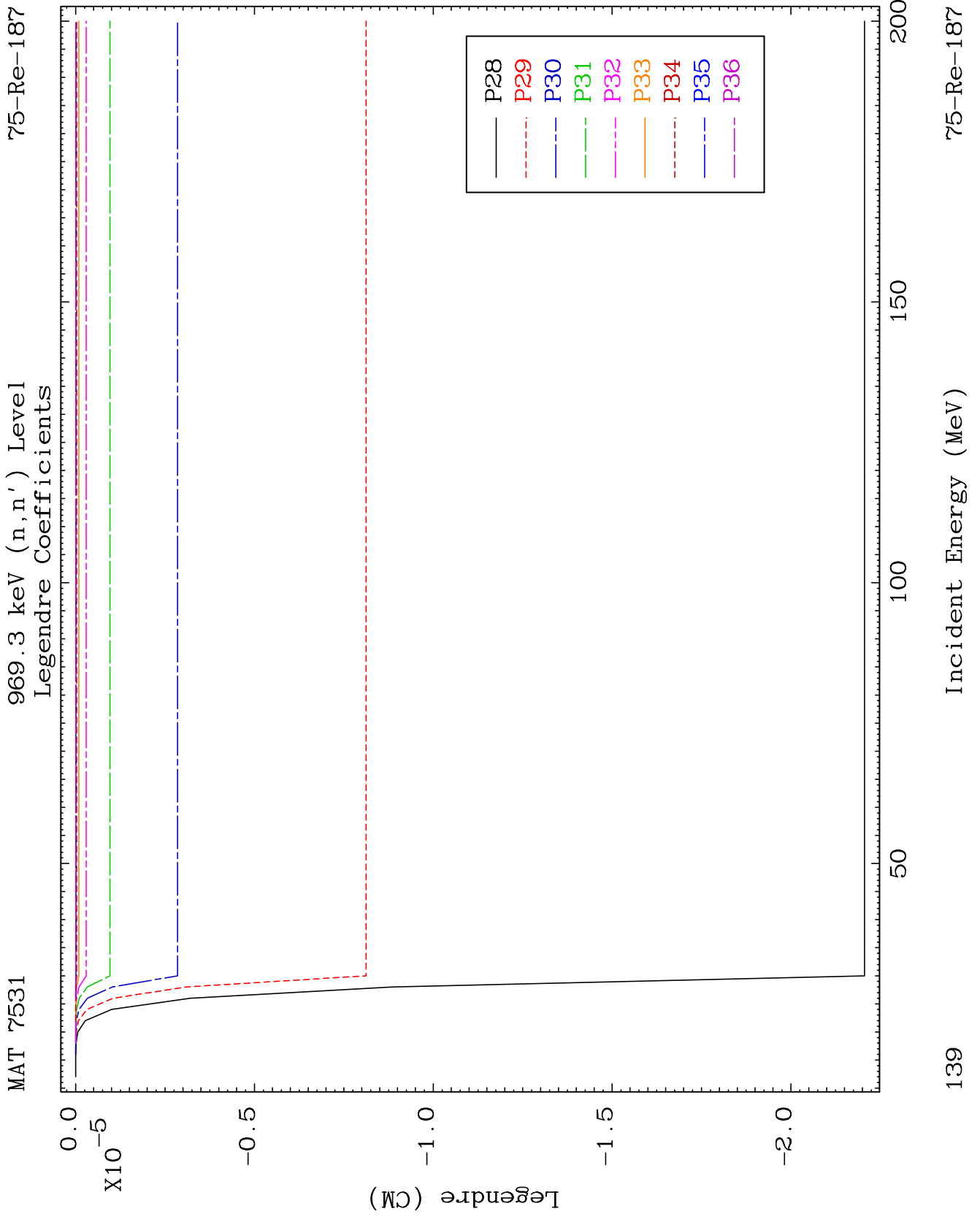








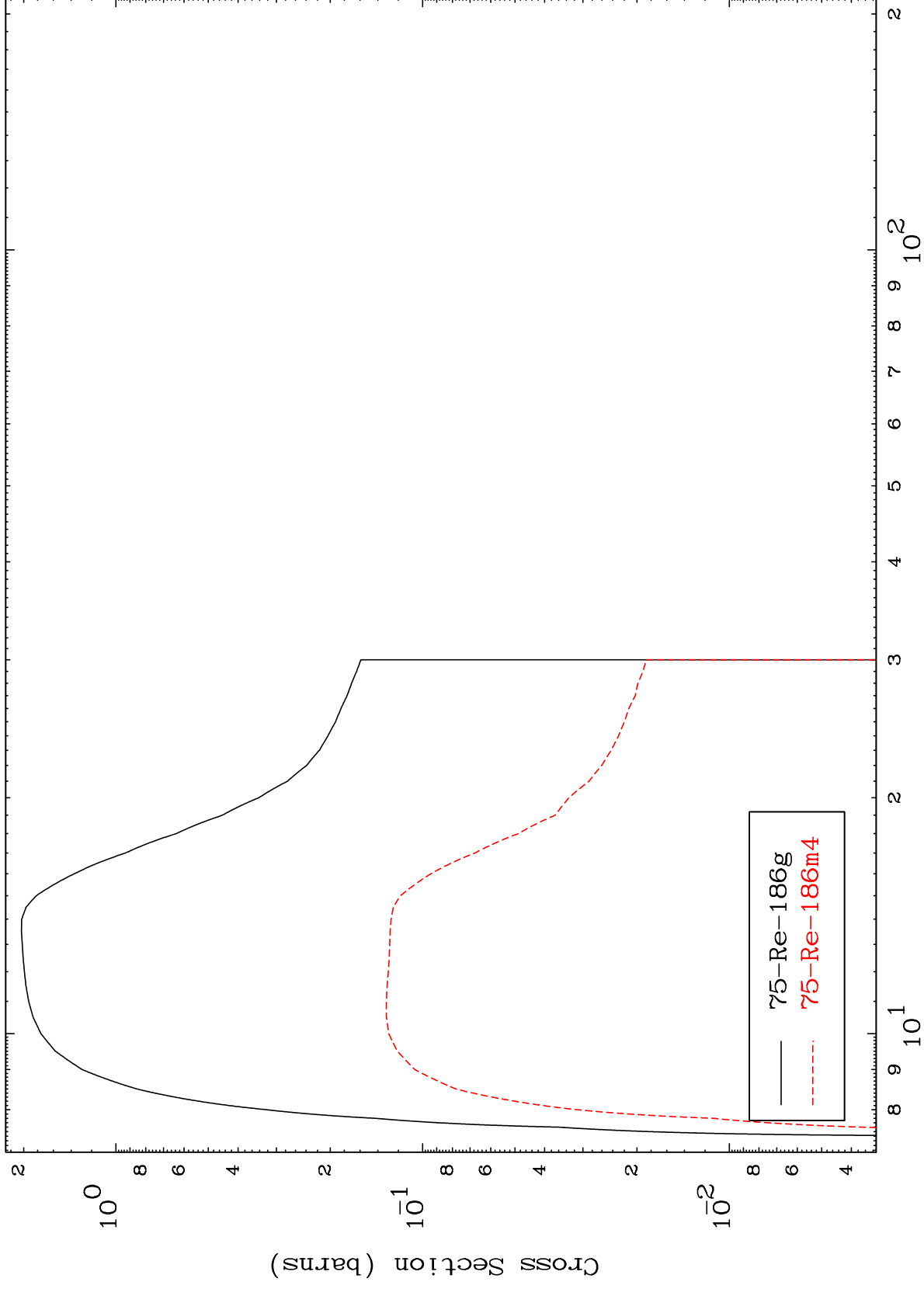




MAT 7531

75-Re-187

(n,2n)  
Radionuclide Production Cross Section



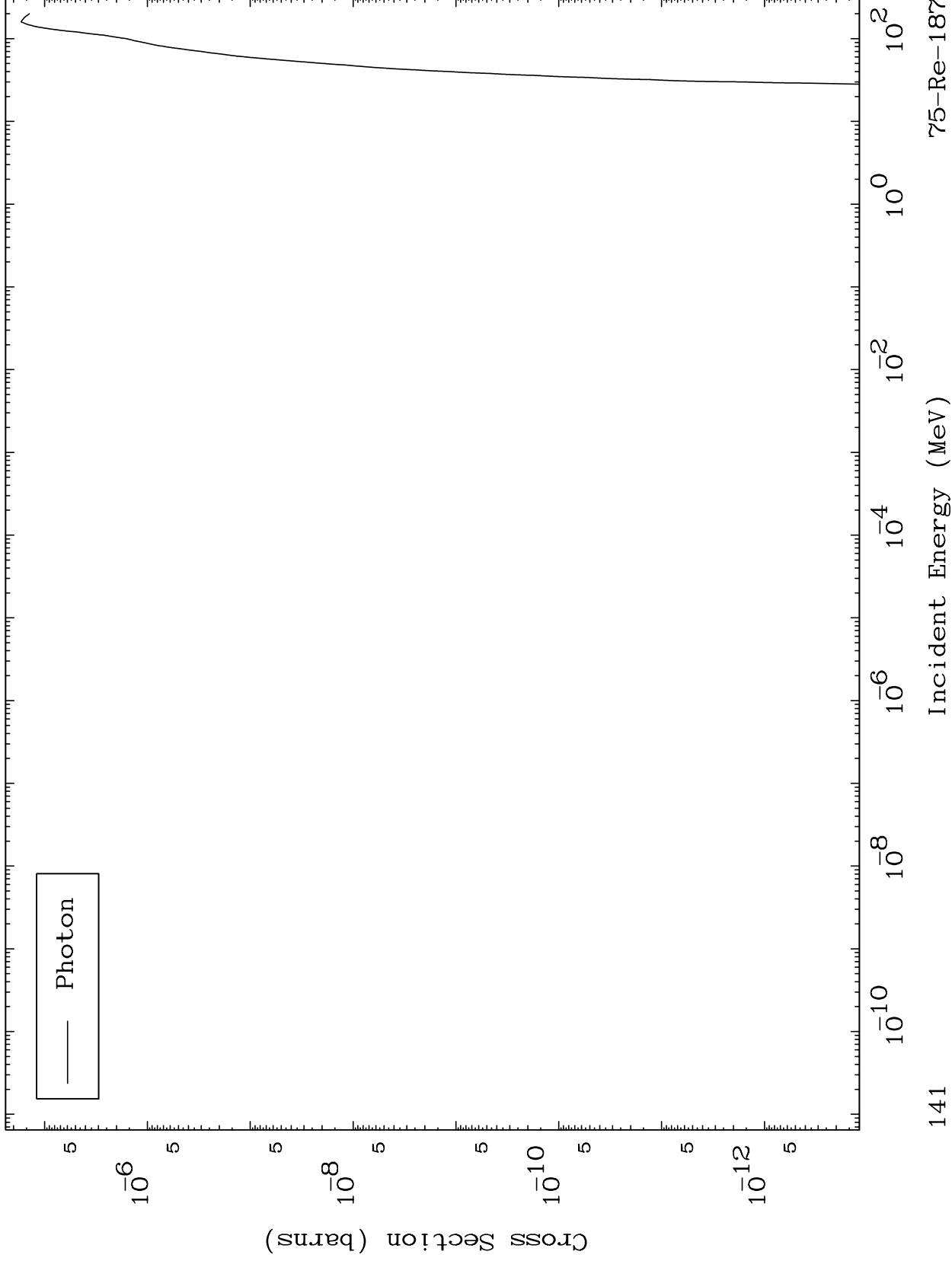
75-Re-187

MAT 7531

Fission

<sup>75</sup>Re-187

Radionuclide Production Cross Section

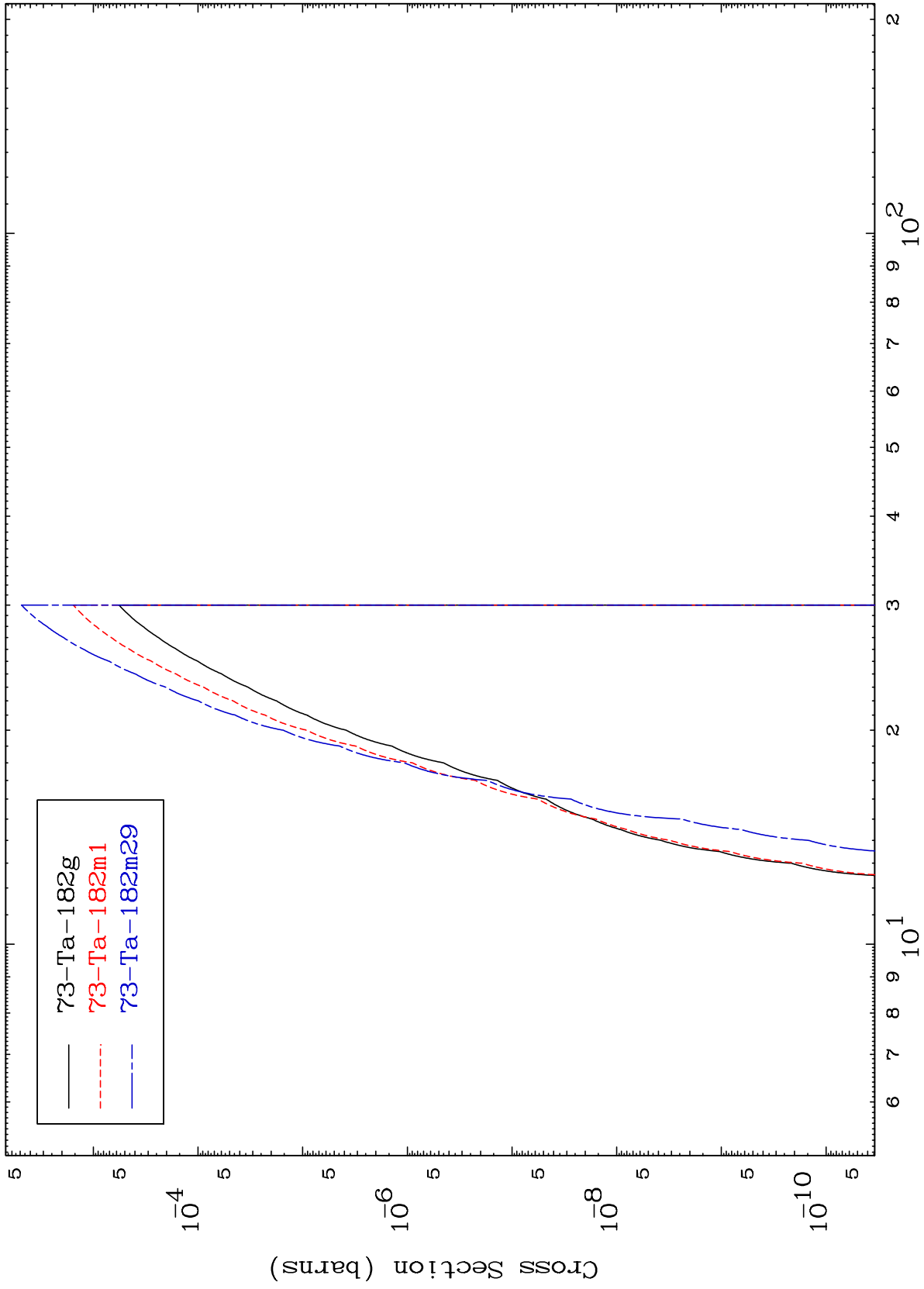


MAT 7531

75-Re-187

(n,2n)  $\alpha$

Radionuclide Production Cross Section



142

Incident Energy (MeV)

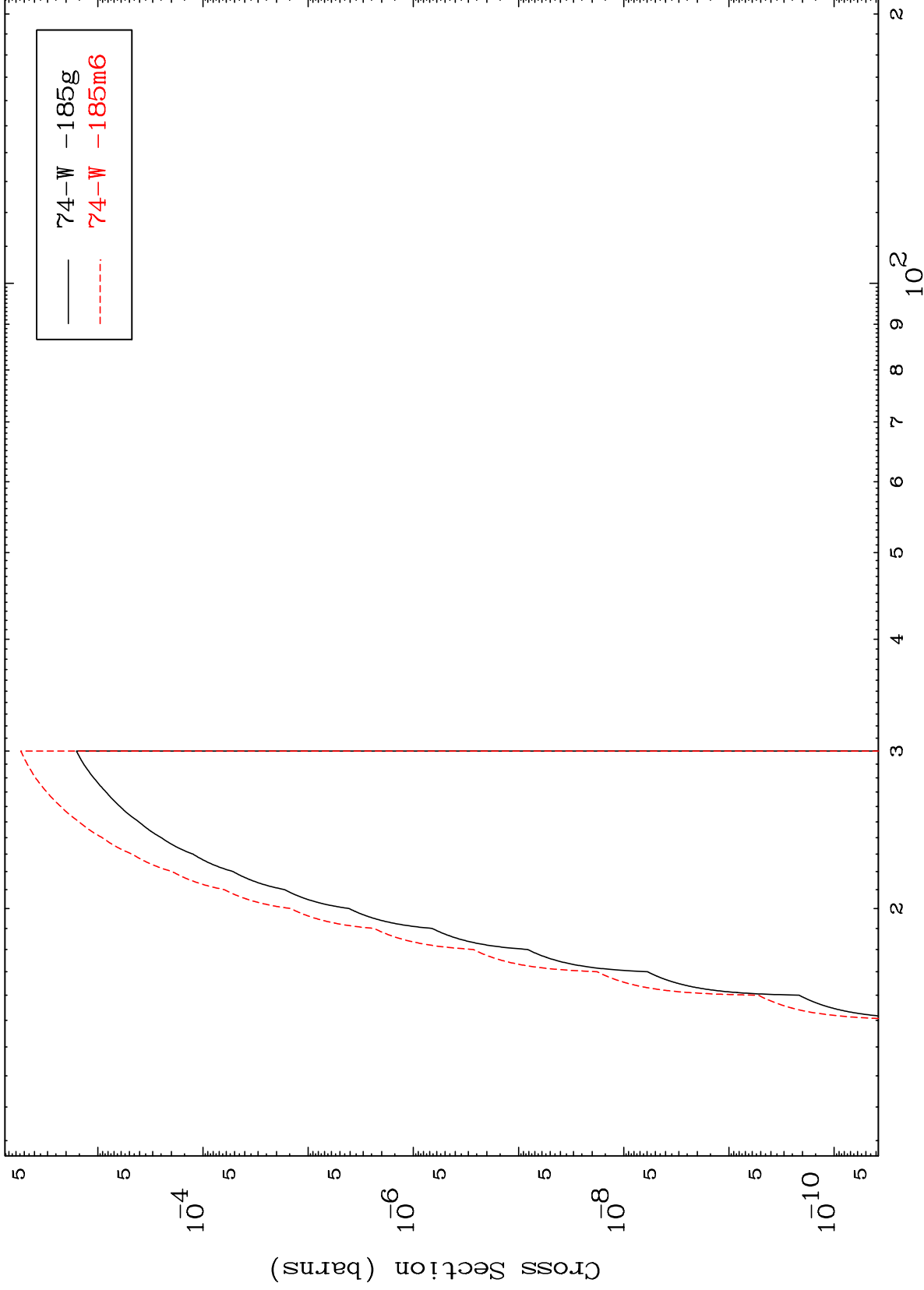
75-Re-187

MAT 7531

(n,n') d

75-Re-187

Radionuclide Production Cross Section



143

Incident Energy (MeV)

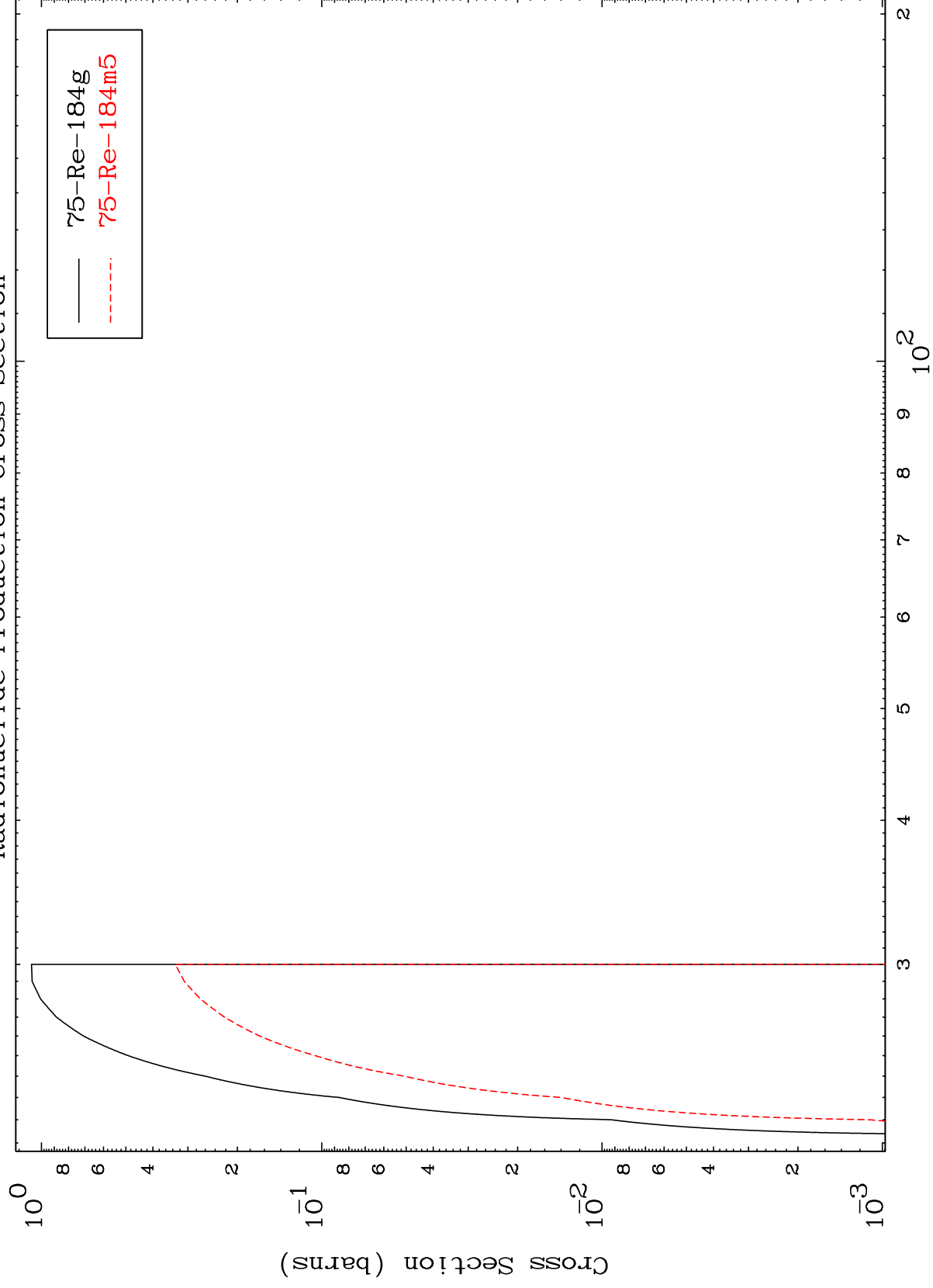
75-Re-187



MAT 7531

75-Re-187

(n,4n)  
Radionuclide Production Cross Section



144

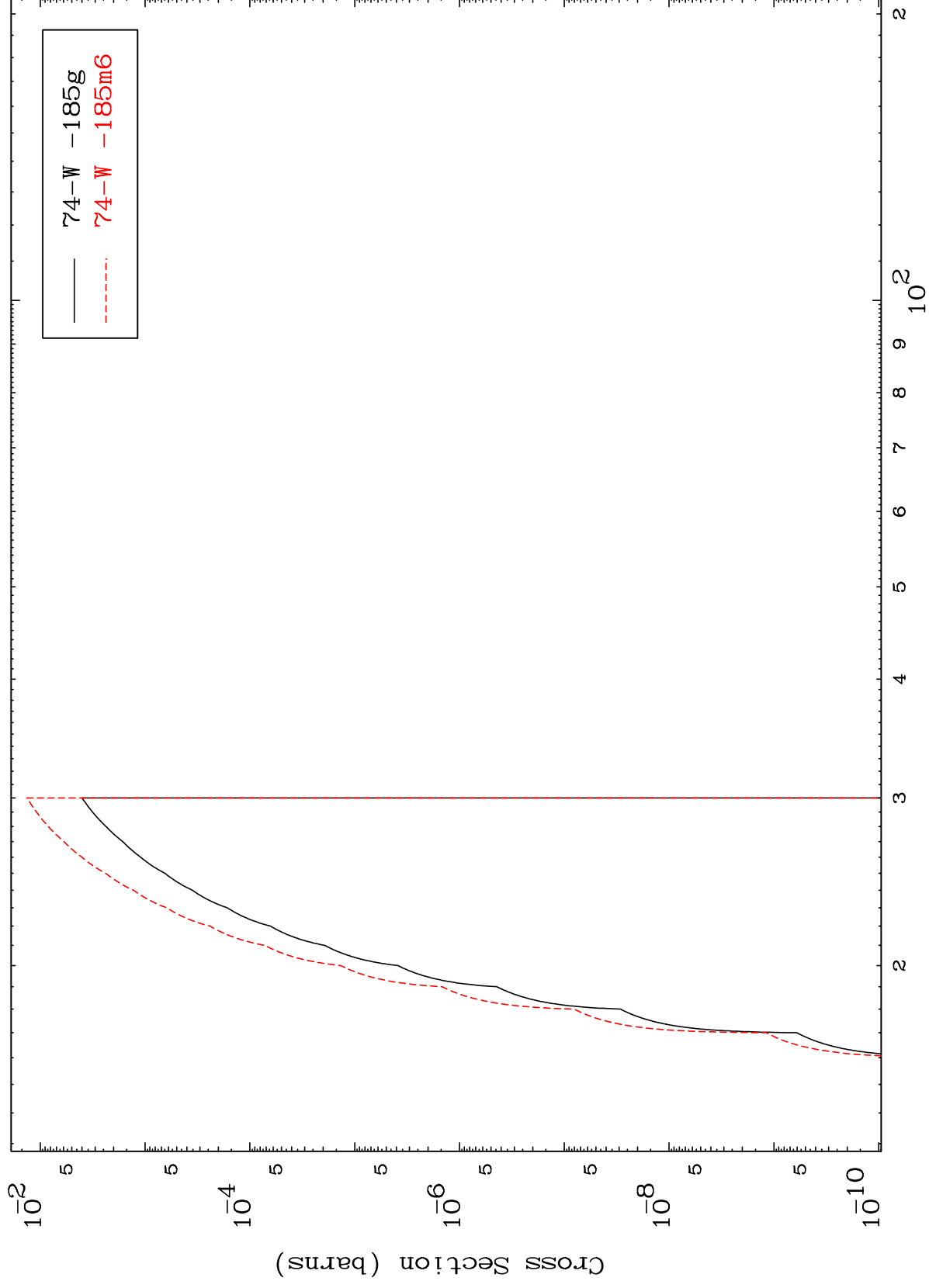
Incident Energy (MeV)

75-Re-187

MAT 7531

75-Re-187

(n,2n) p  
Radionuclide Production Cross Section



75-Re-187

Incident Energy (MeV)

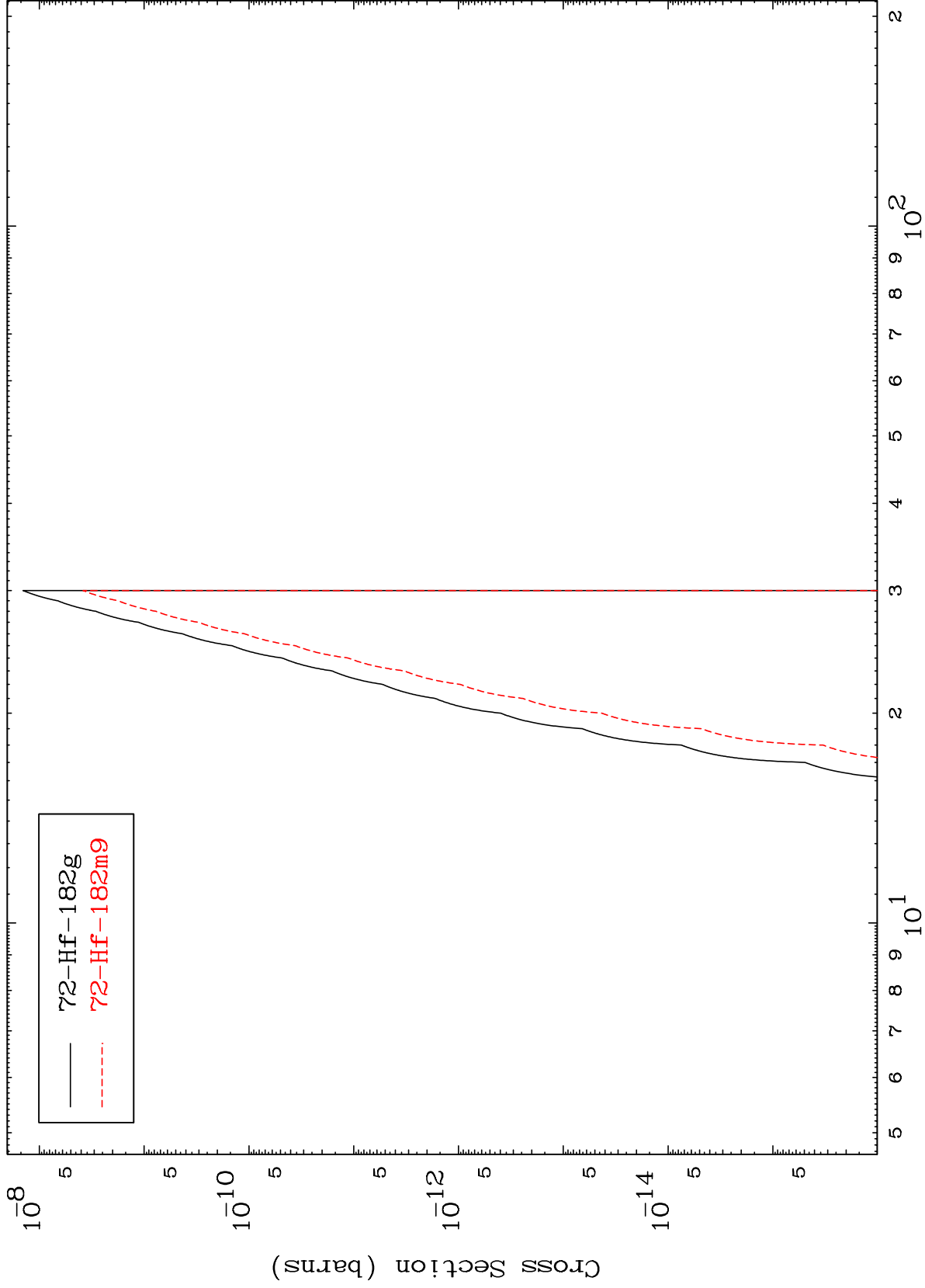
145

MAT 7531

(n,n') p  $\alpha$

75-Re-187

Radionuclide Production Cross Section



72-Hf-182g  
72-Hf-182m9

146

Incident Energy (MeV)

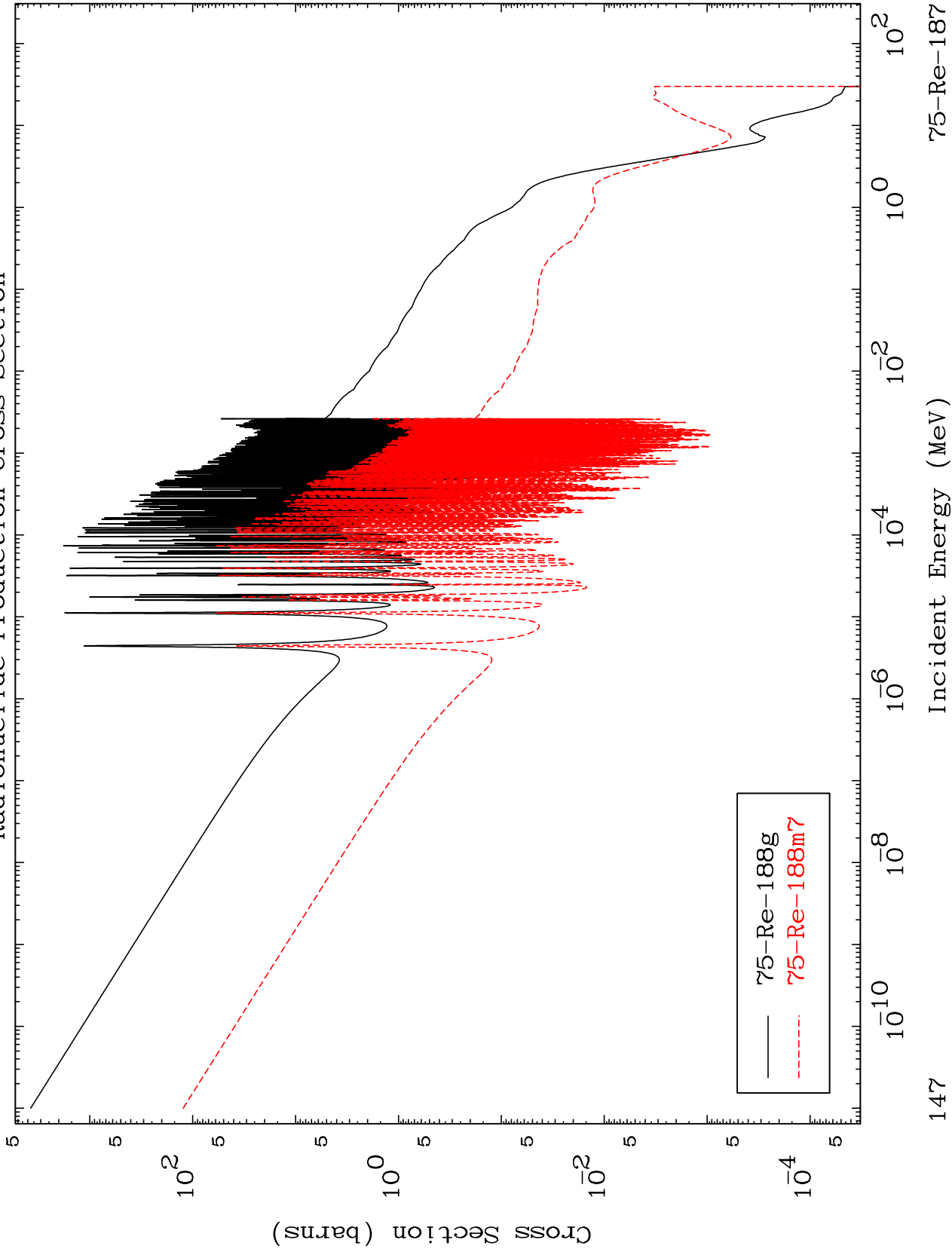
75-Re-187

MAT 7531

<sup>75</sup>Re-187

Radionuclide Production Cross Section

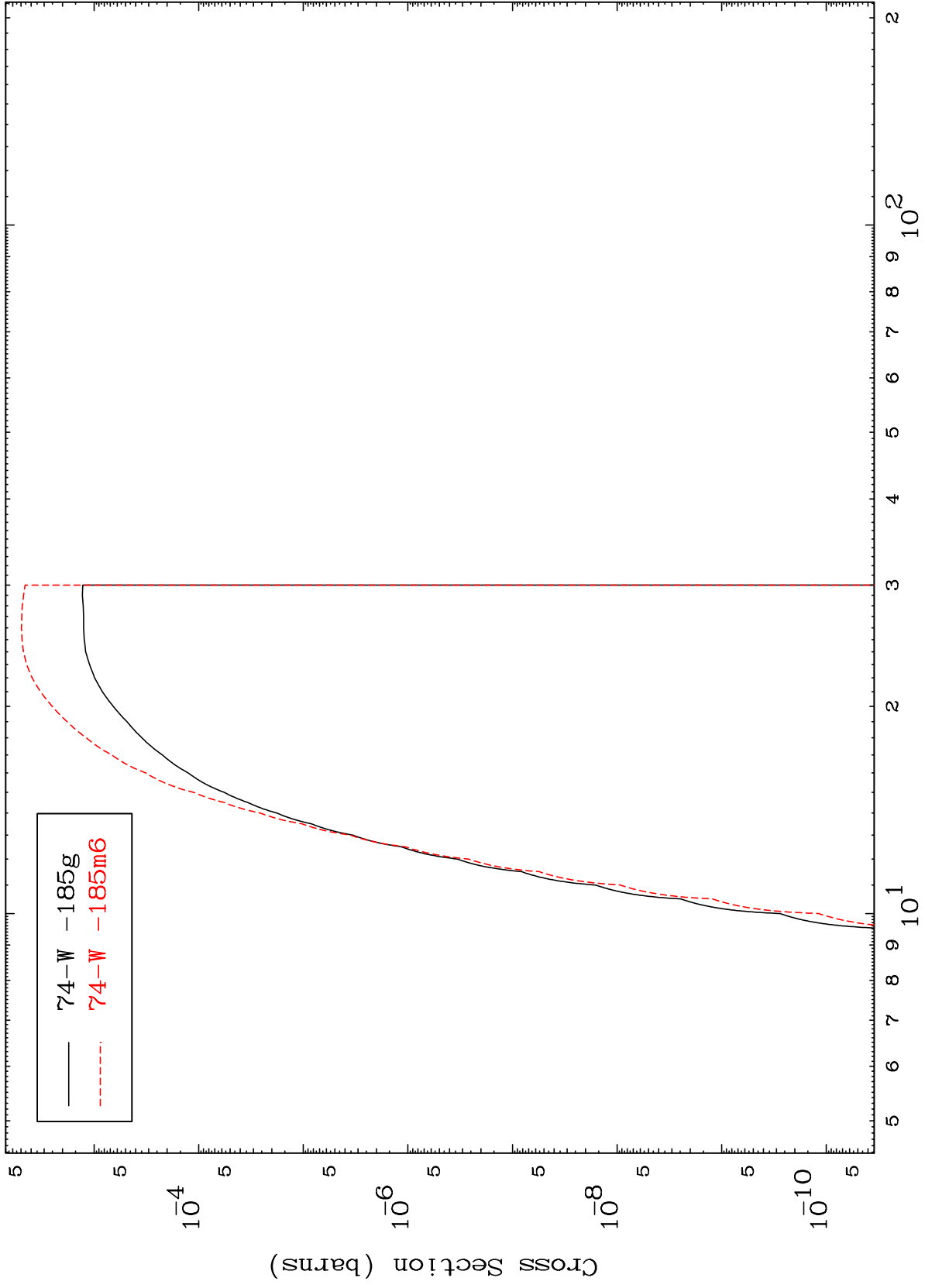
(n,  $\gamma$ )



MAT 7531

75-Re-187

(n, t)  
Radionuclide Production Cross Section



148

Incident Energy (MeV)

75-Re-187