

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

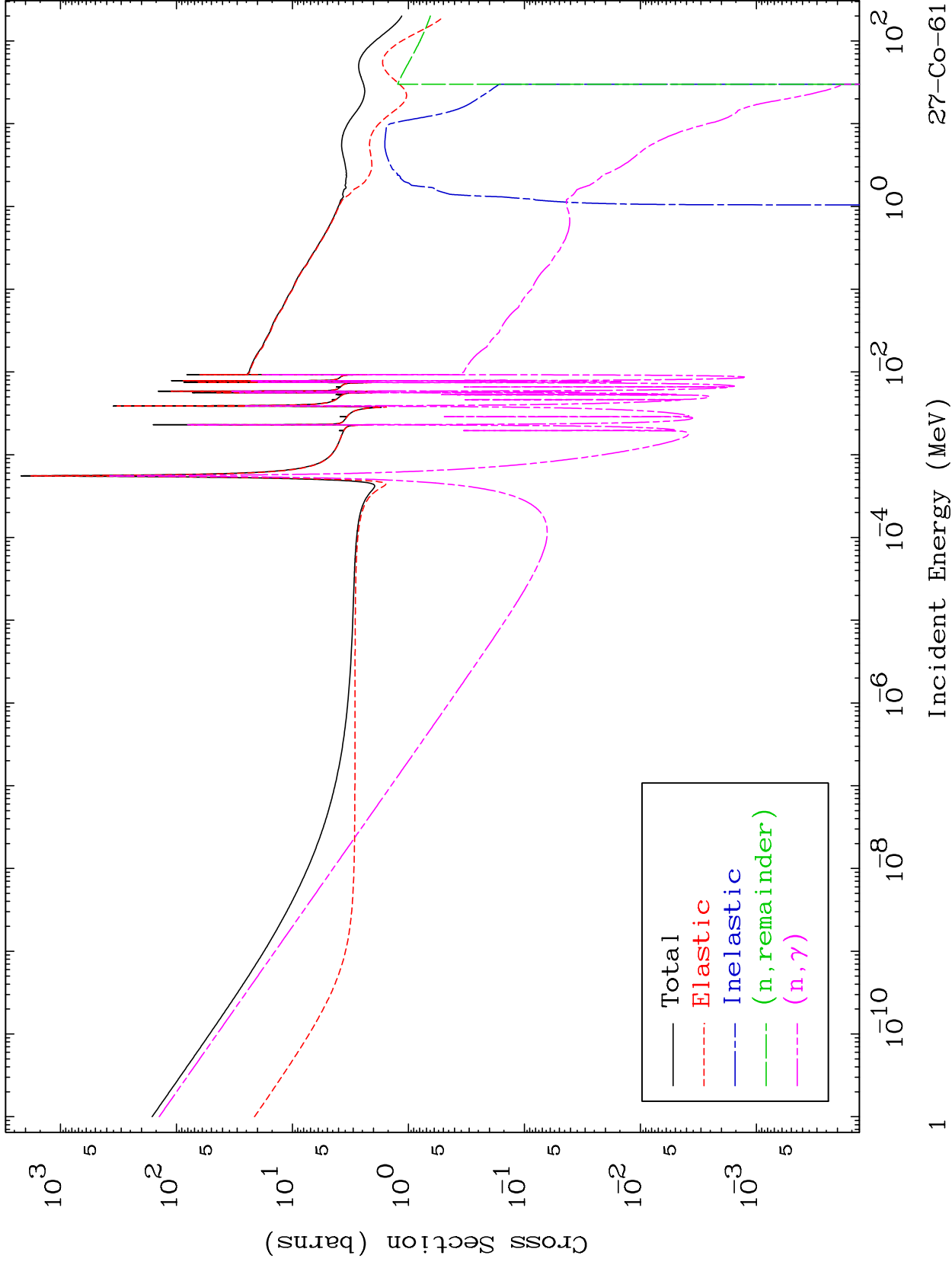
Press Mouse Button to Start

MAT 2731

Major

293 Kelvin Cross Sections

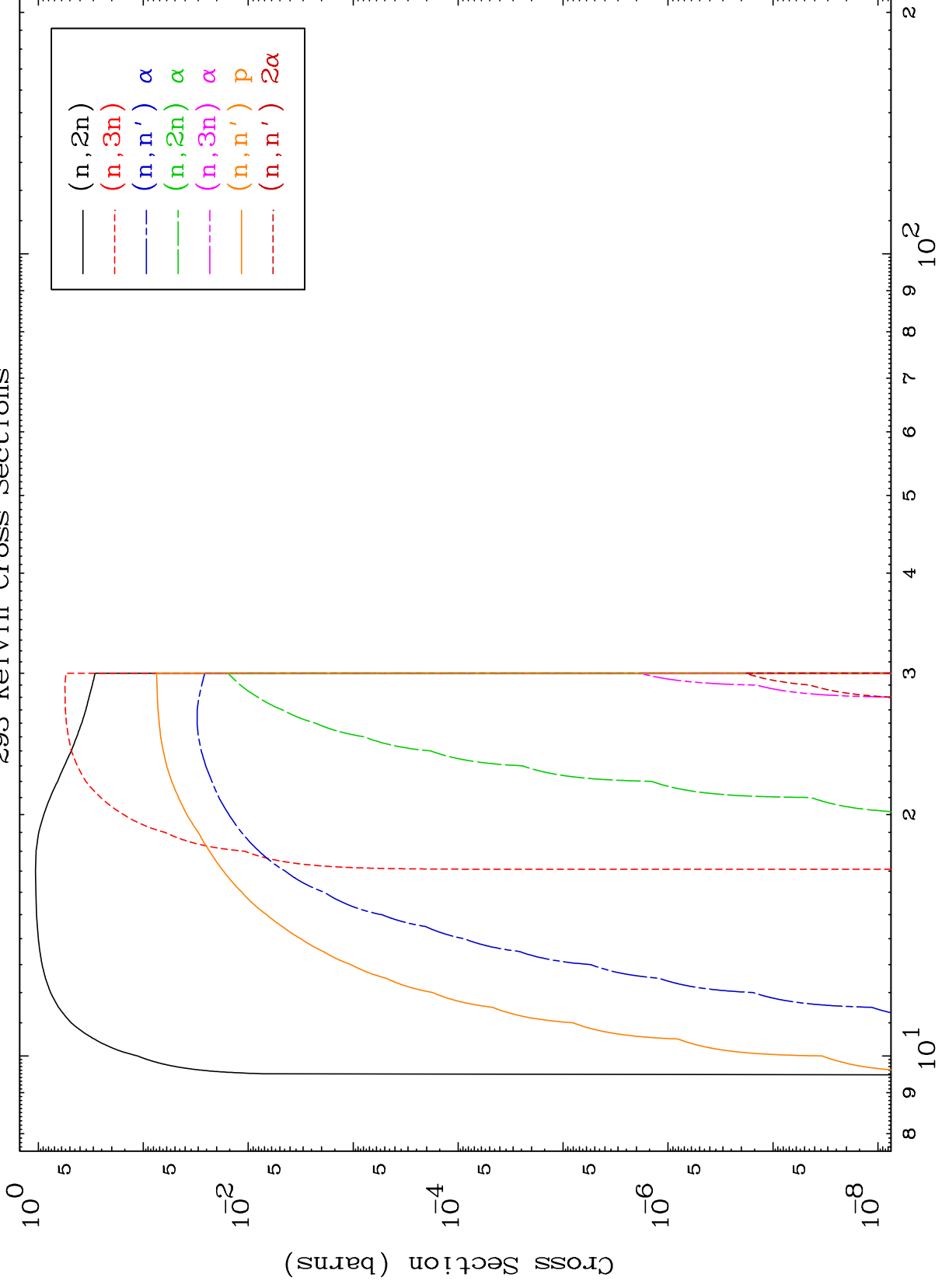
27-Co-61



MAT 2731

Neutron Production  
293 Kelvin Cross Sections

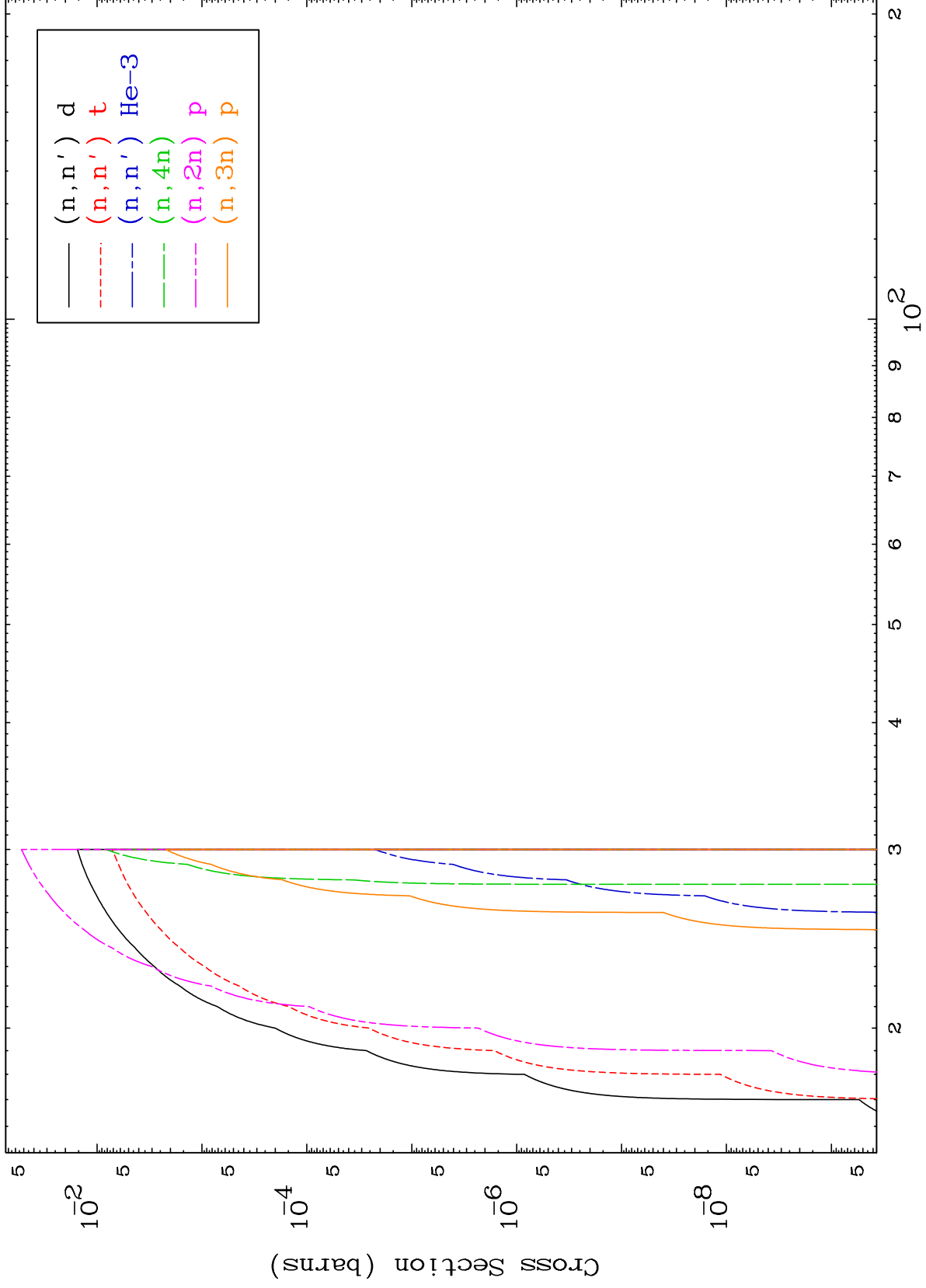
27-Co-61



2

Incident Energy (MeV)

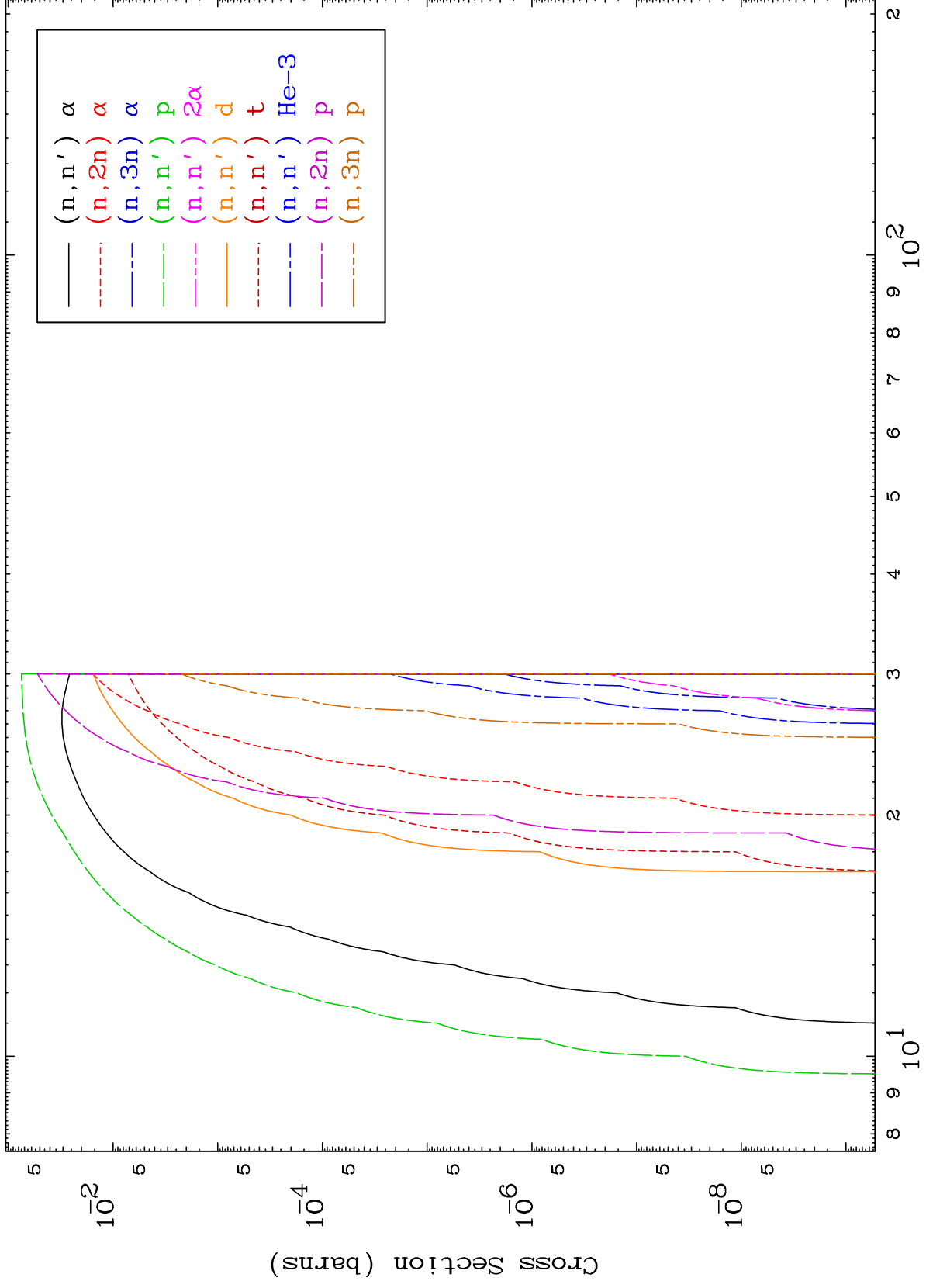
27-Co-61



MAT 2731

Charged Particle  
293 Kelvin Cross Sections

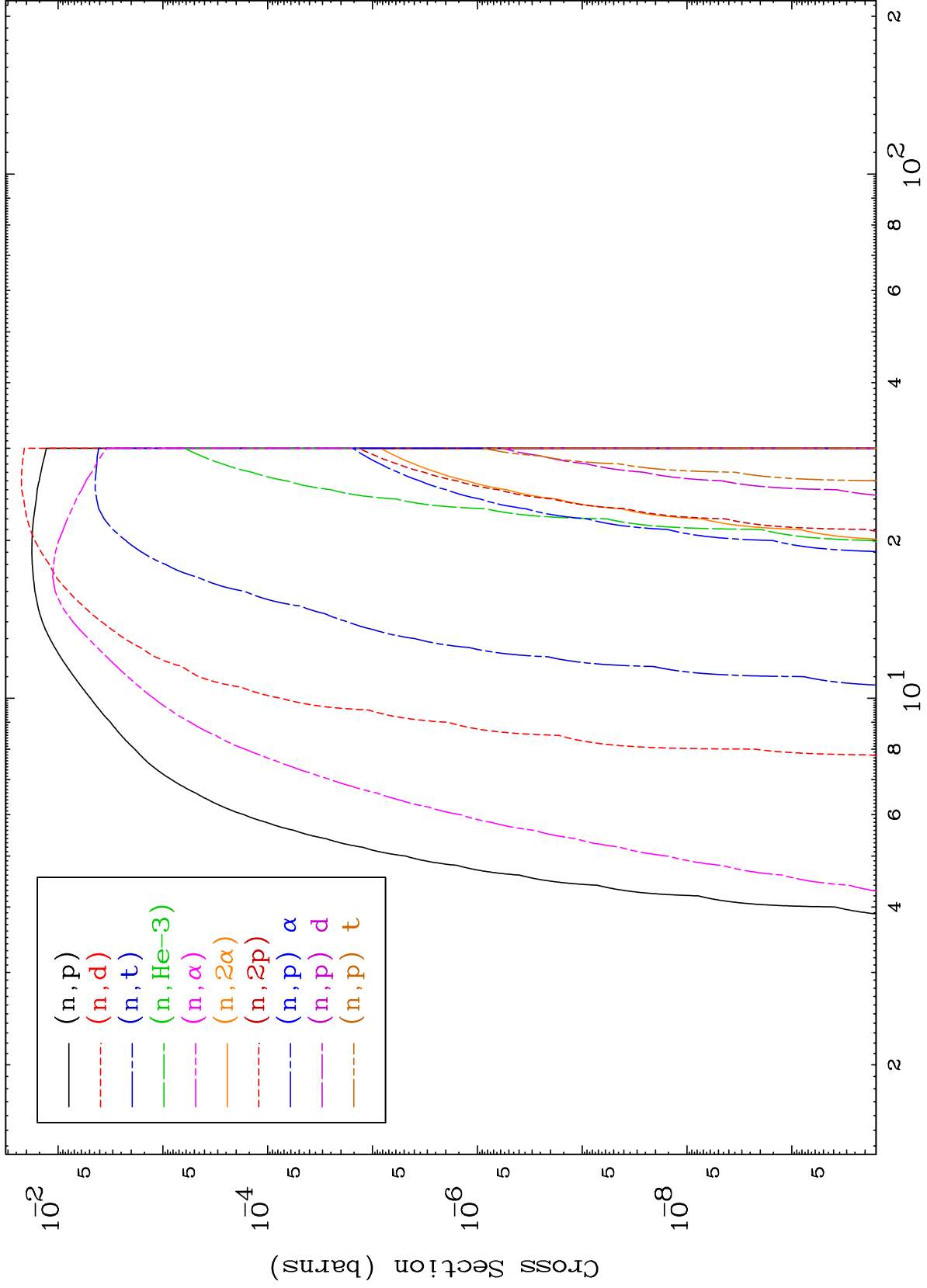
27-Co-61

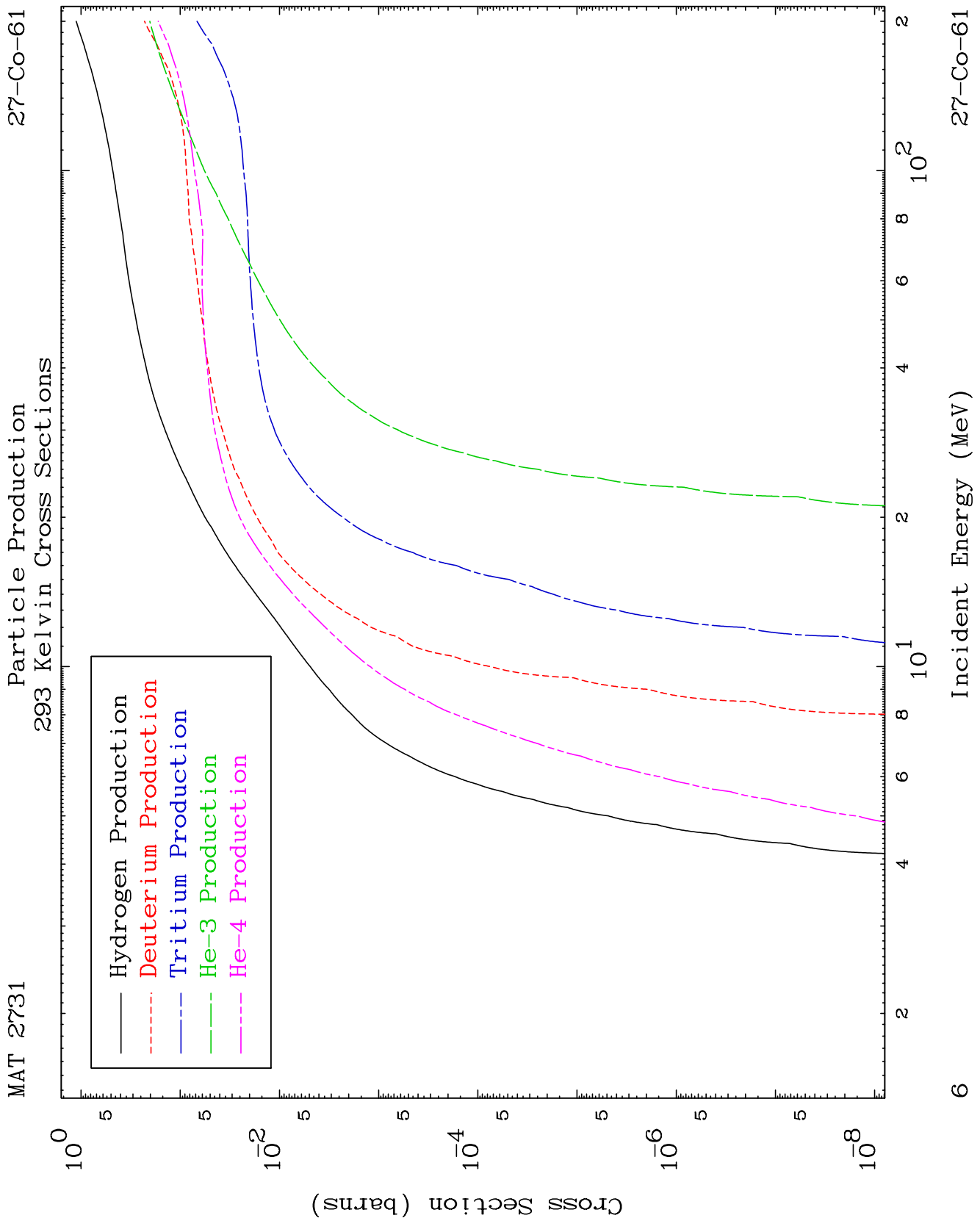


4

Incident Energy (MeV)

27-Co-61



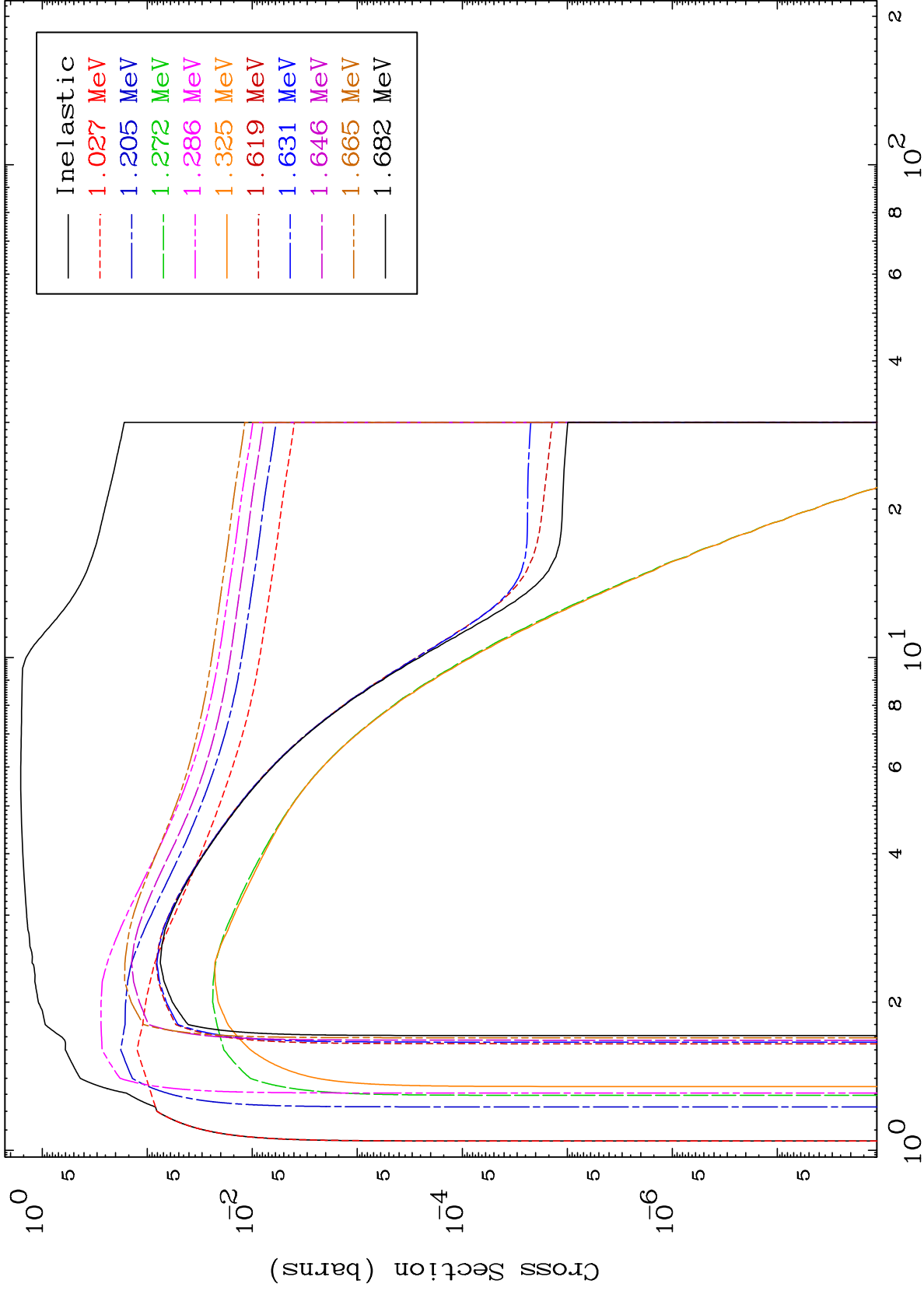


MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



Incident Energy (MeV)

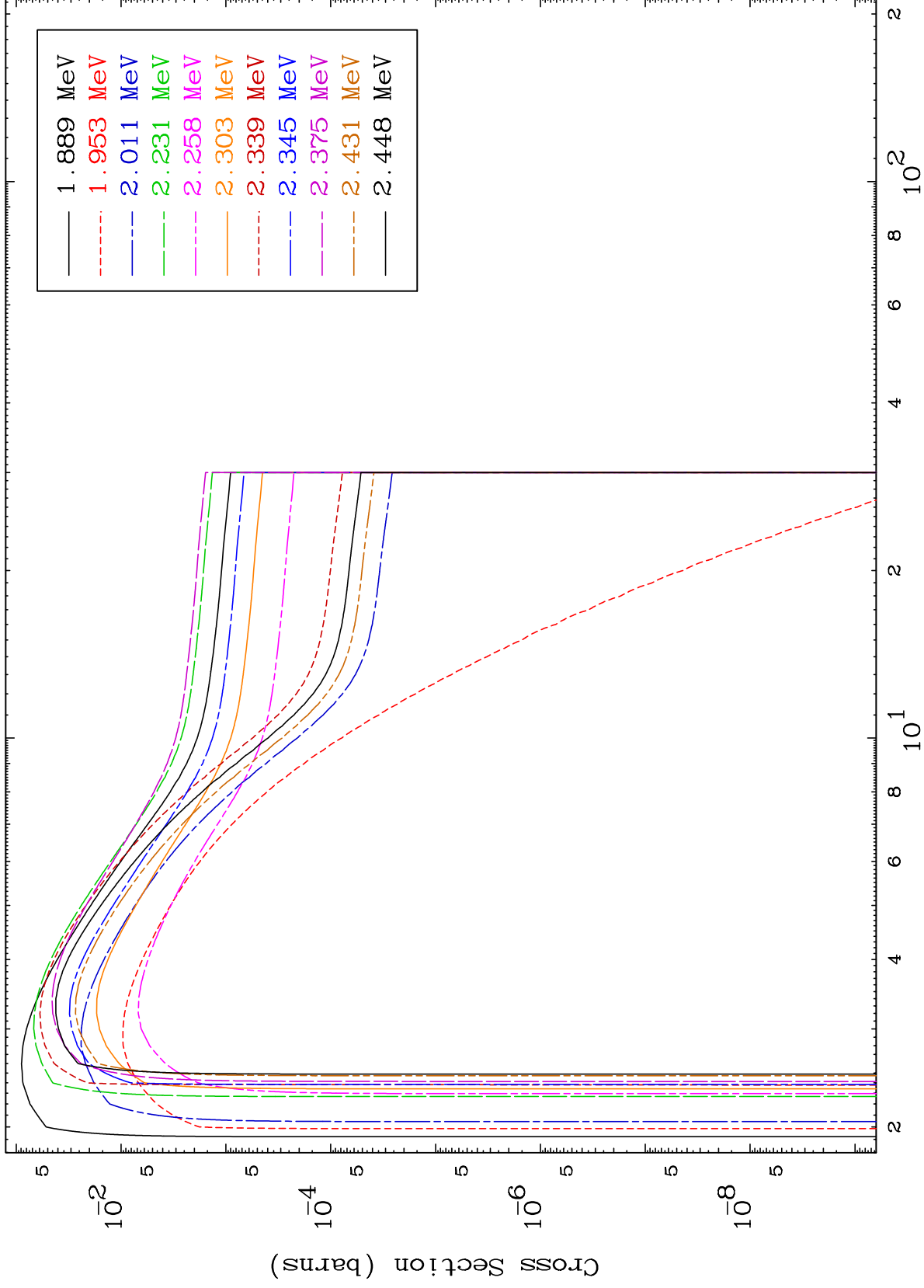
27-Co-61



MAT 2731

(n,n') Level  
293 Kelvin Cross Sections

27-Co-61



8

Incident Energy (MeV)

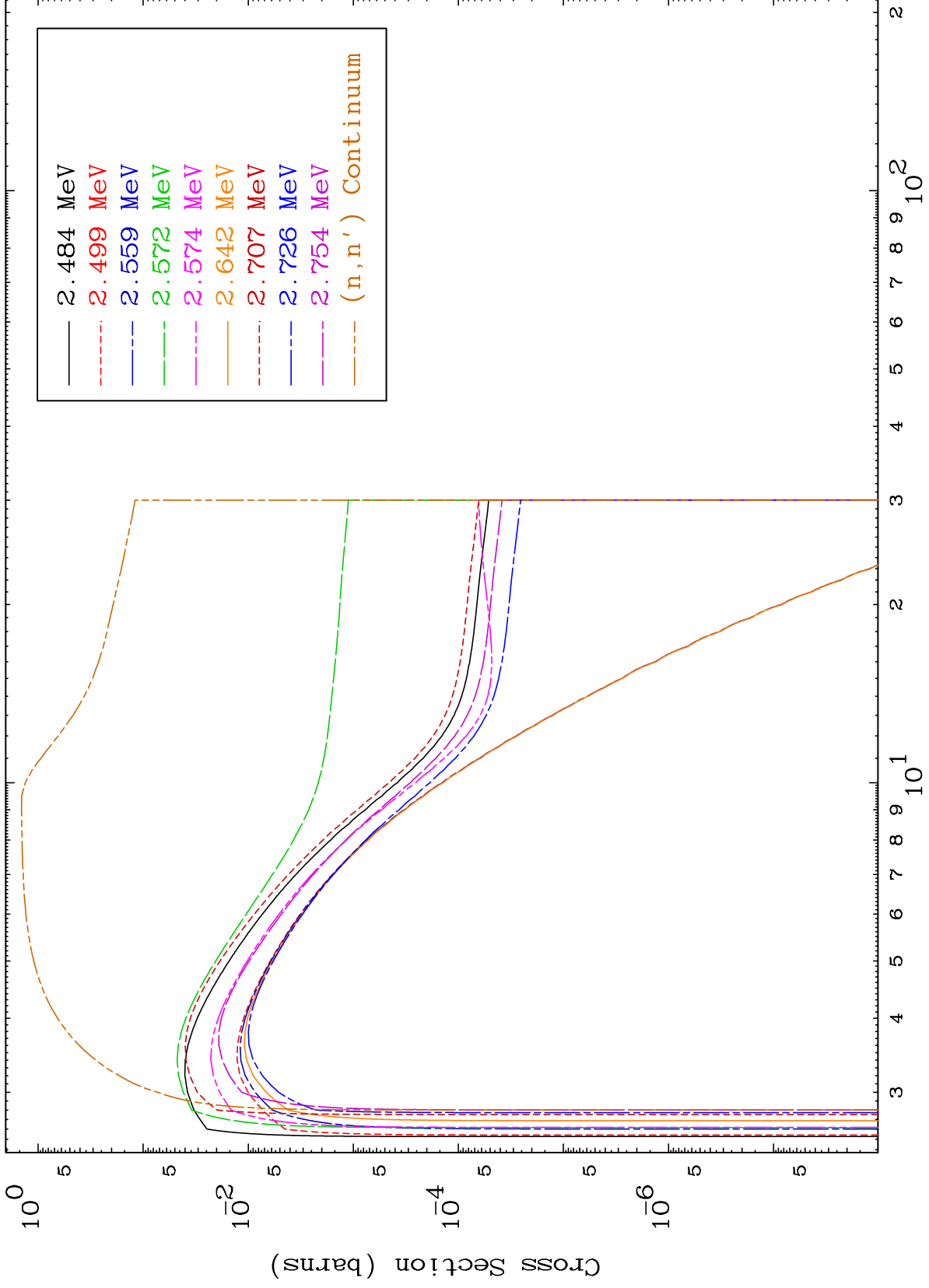
27-Co-61

MAT 2731

(n,n') Level

27-Co-61

293 Kelvin Cross Sections



9

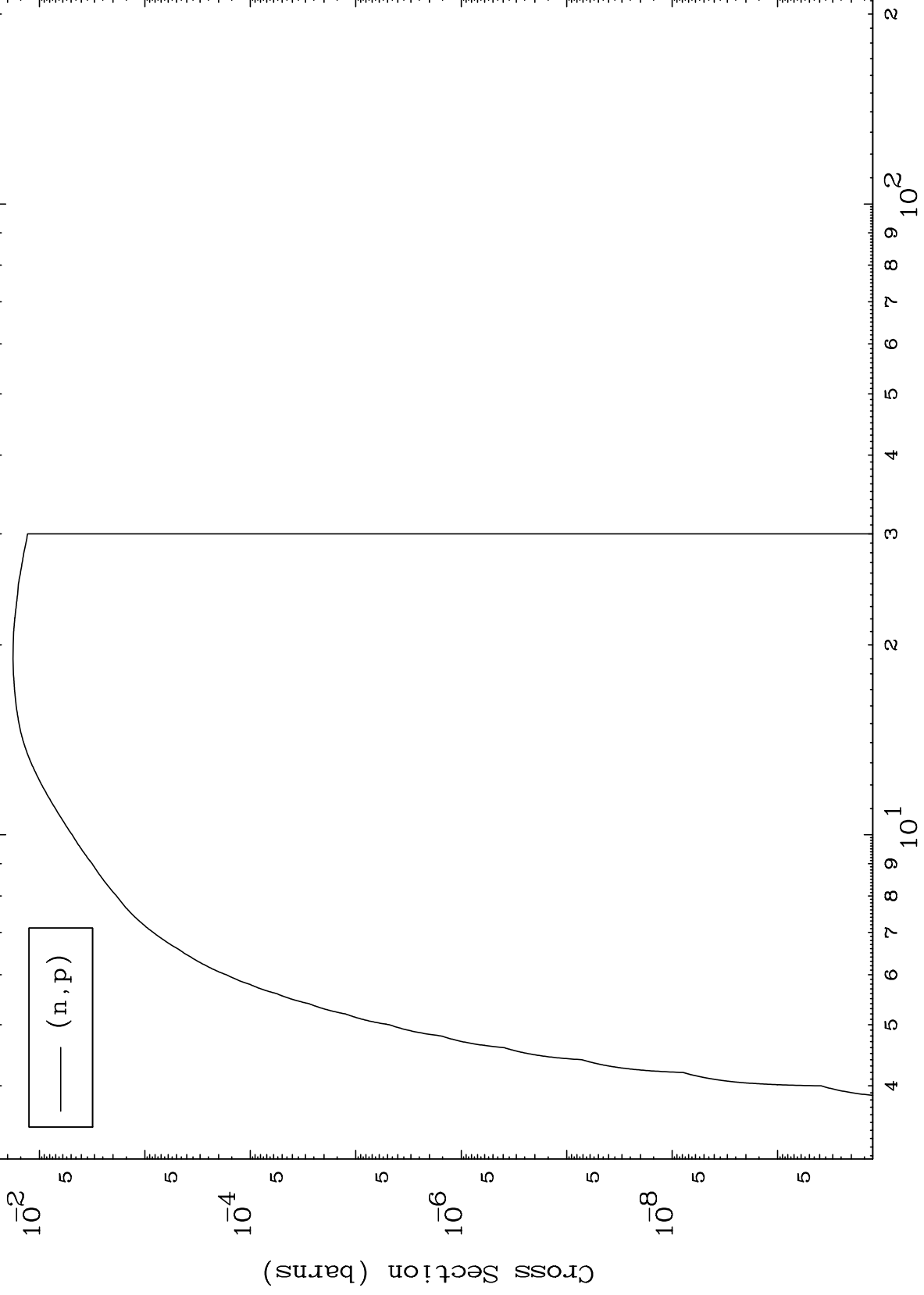
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,p) Levels  
293 Kelvin Cross Sections

<sup>27</sup>Co-61



10

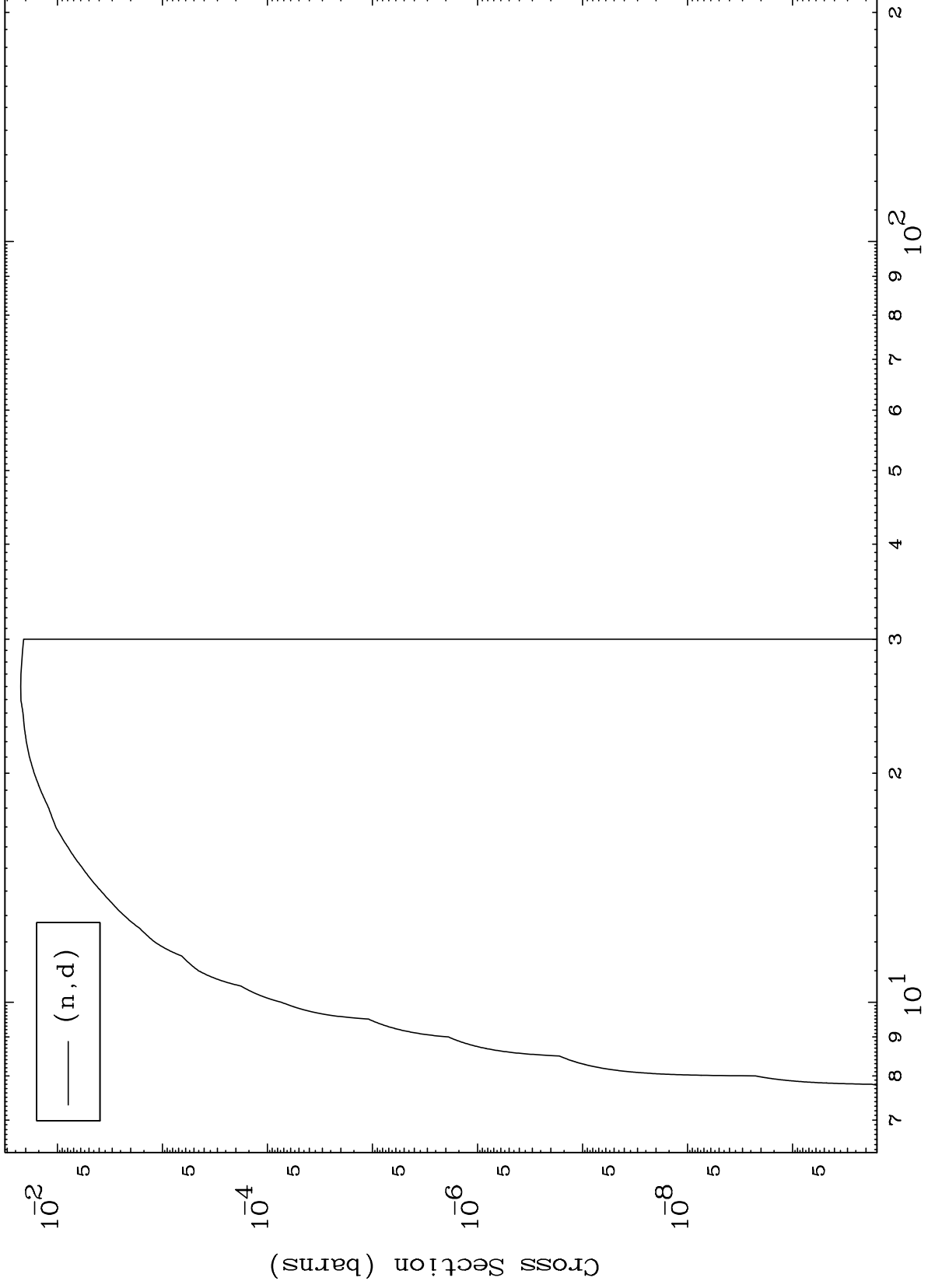
Incident Energy (MeV)

<sup>27</sup>Co-61

MAT 2731

(n,d) Levels  
293 Kelvin Cross Sections

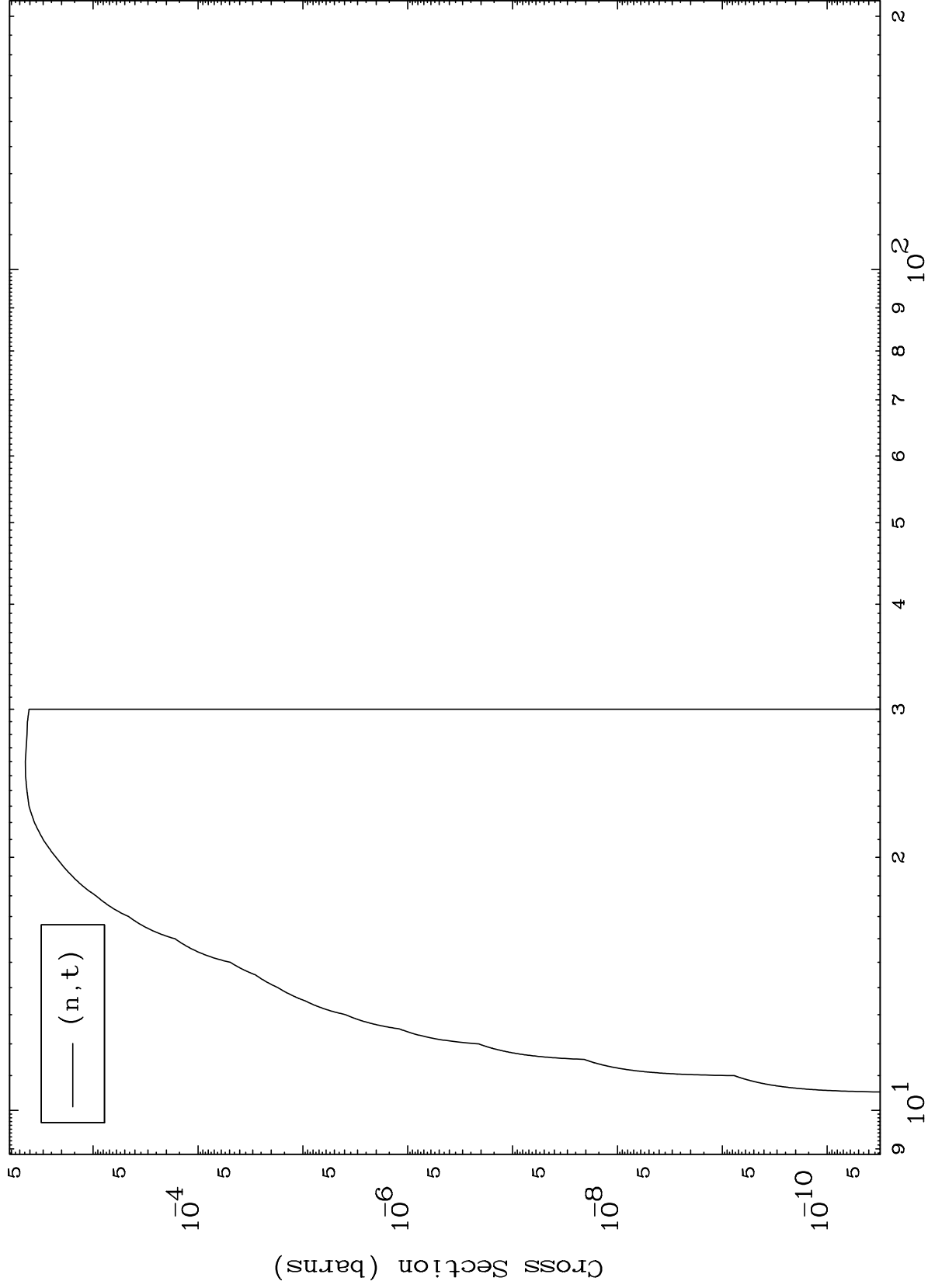
27-Co-61



MAT 2731

(n,t) Levels  
293 Kelvin Cross Sections

27-Co-61



12

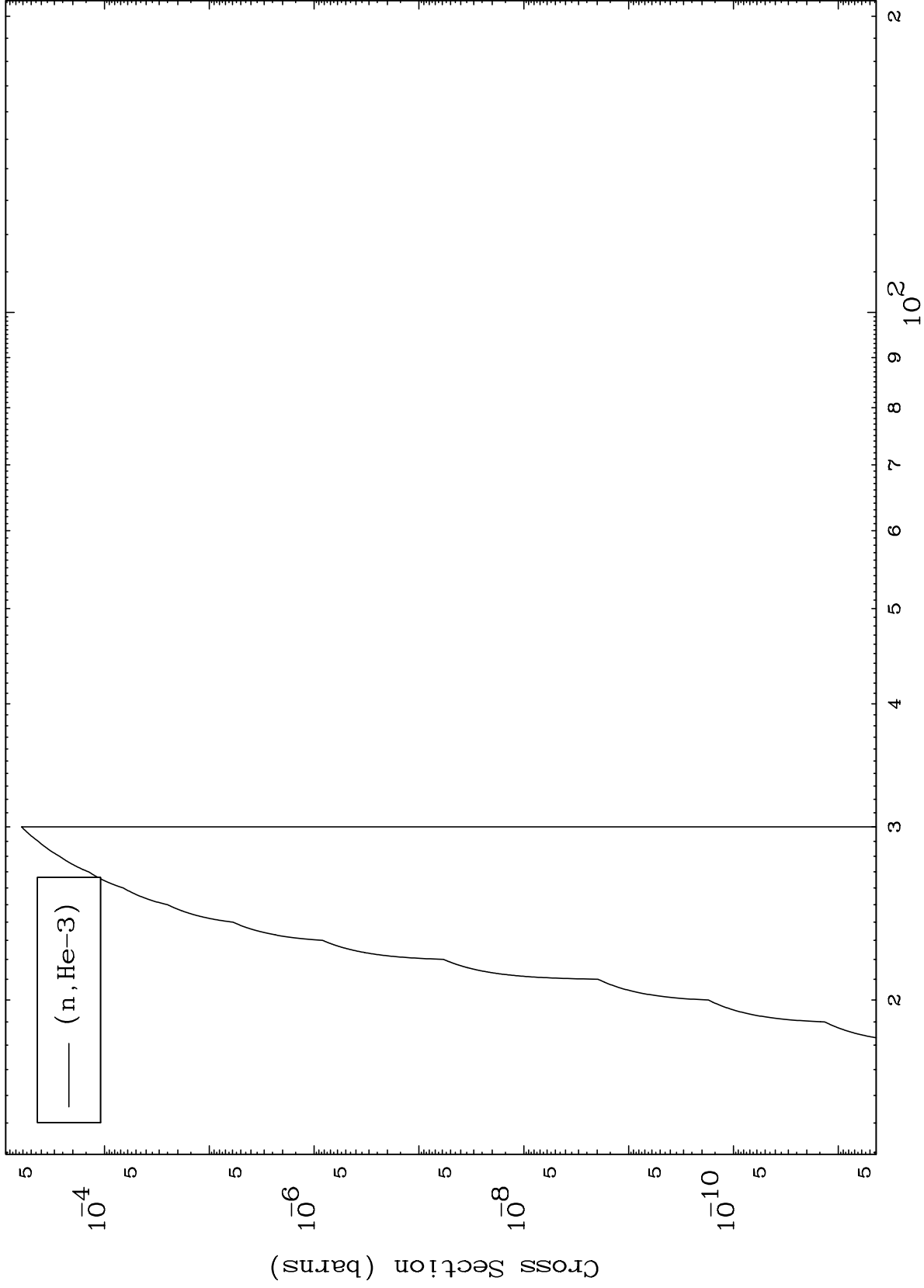
Incident Energy (MeV)

27-Co-61

MAT 2731

(n,He3) Levels  
293 Kelvin Cross Sections

27-Co-61



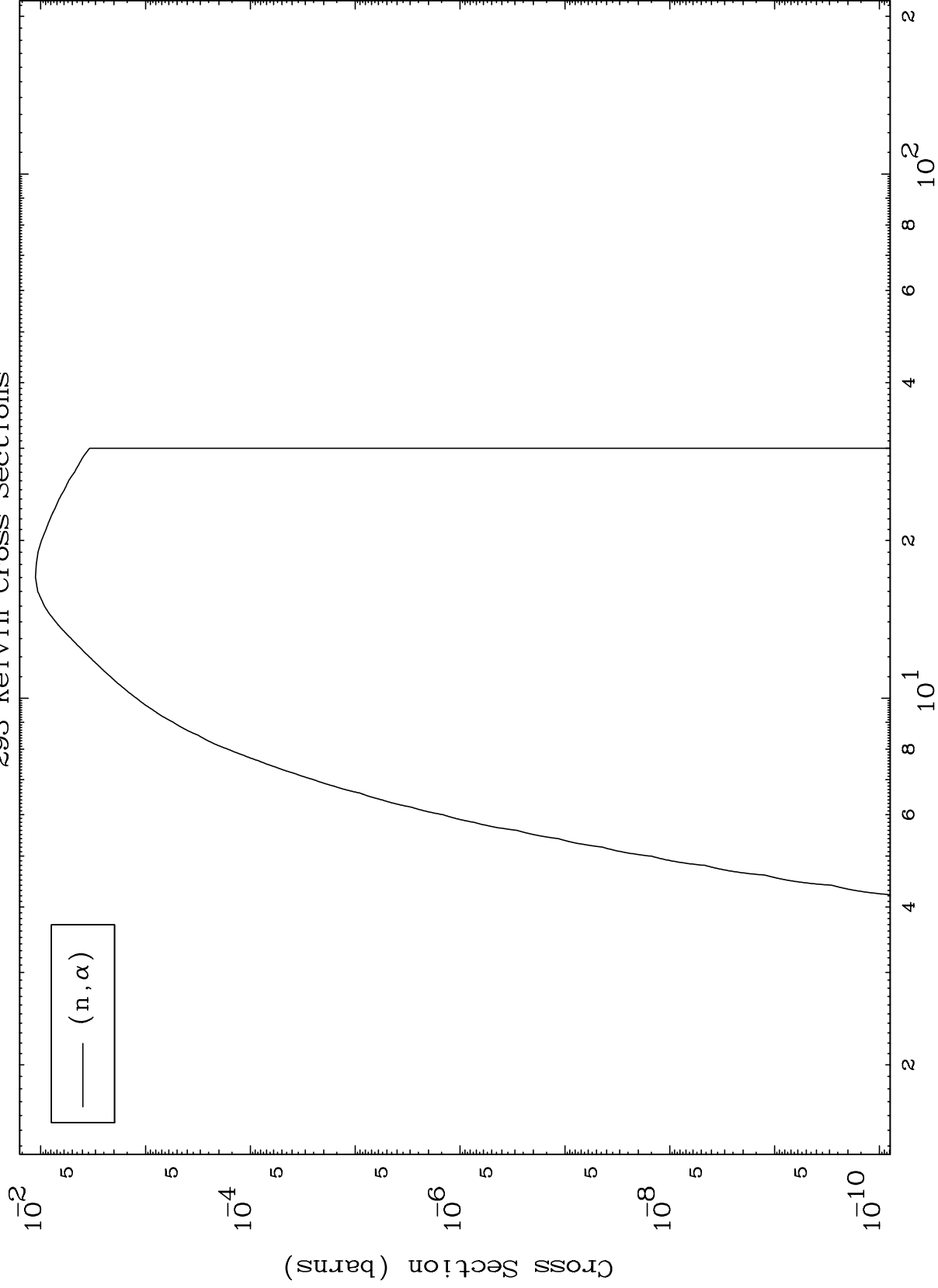
13

27-Co-61

MAT 2731

27-Co-61

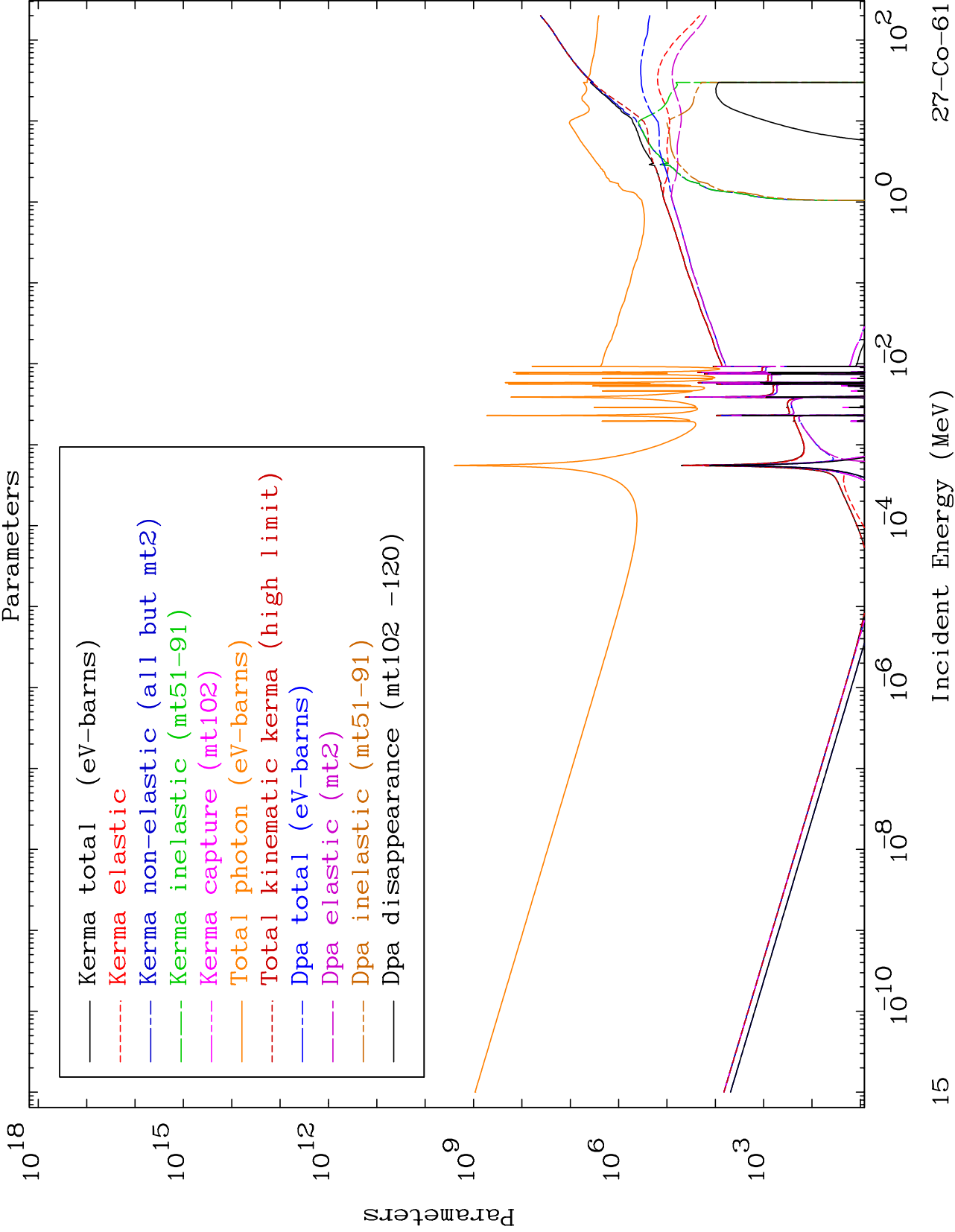
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections



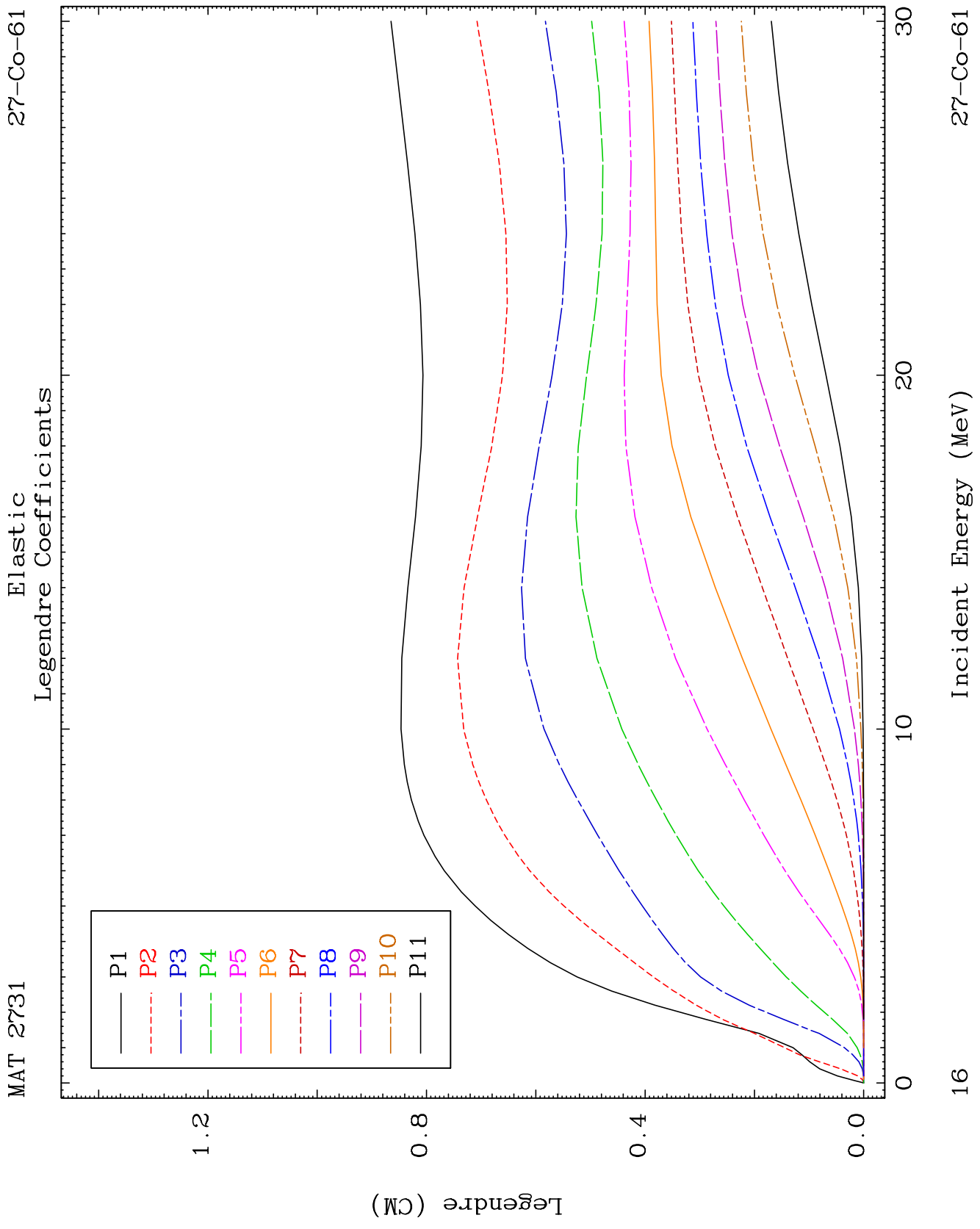
27-Co-61

Incident Energy (MeV)

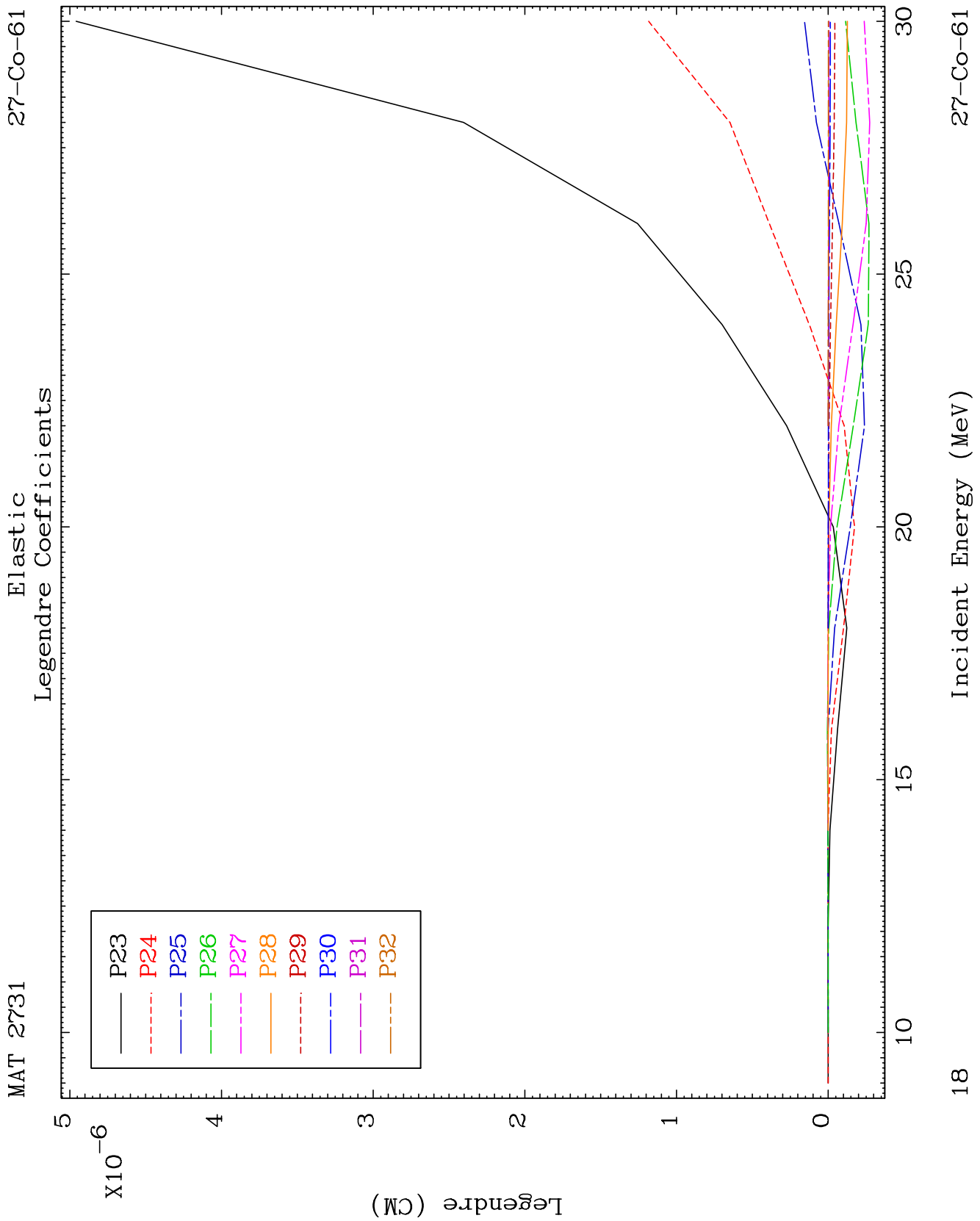
14

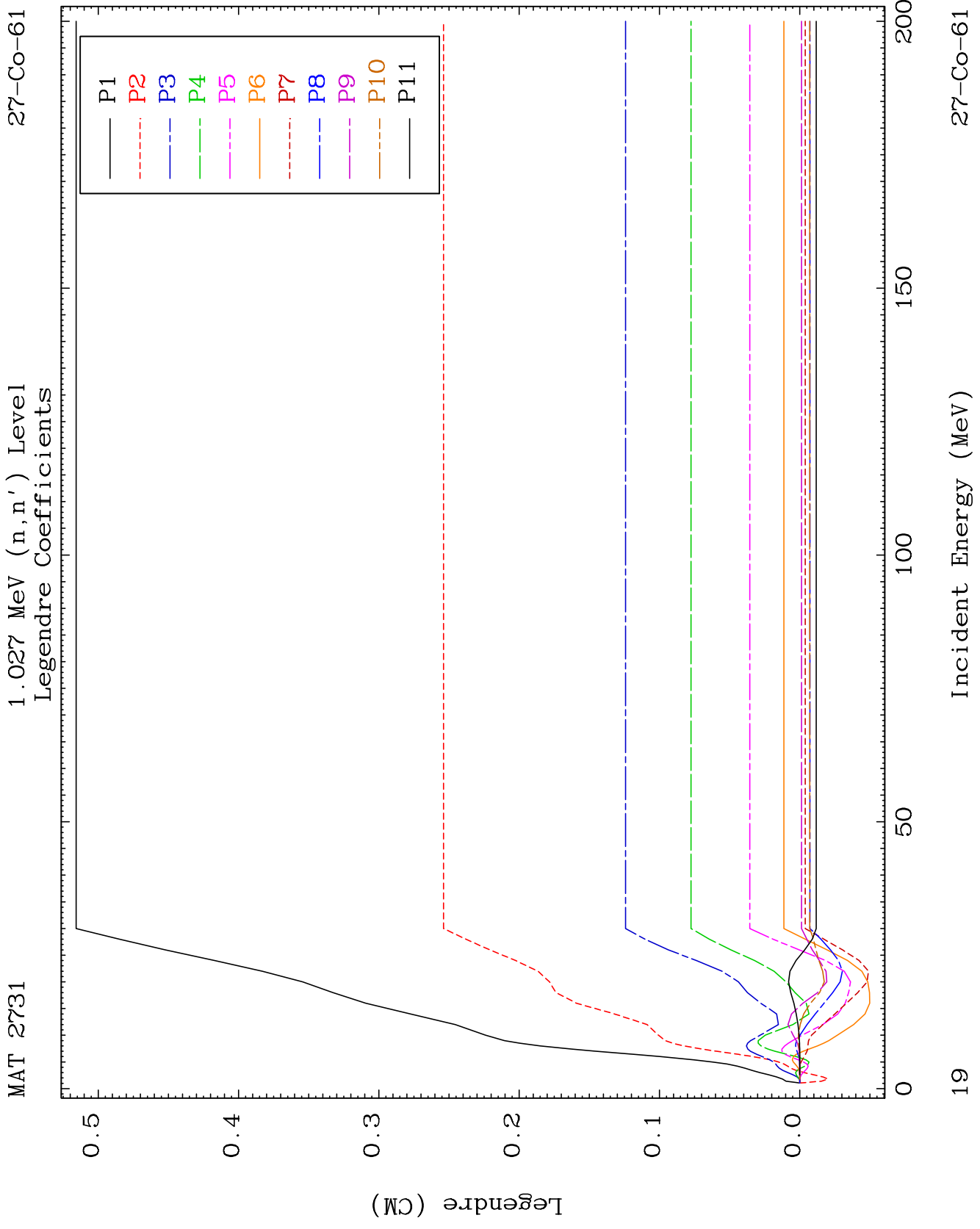








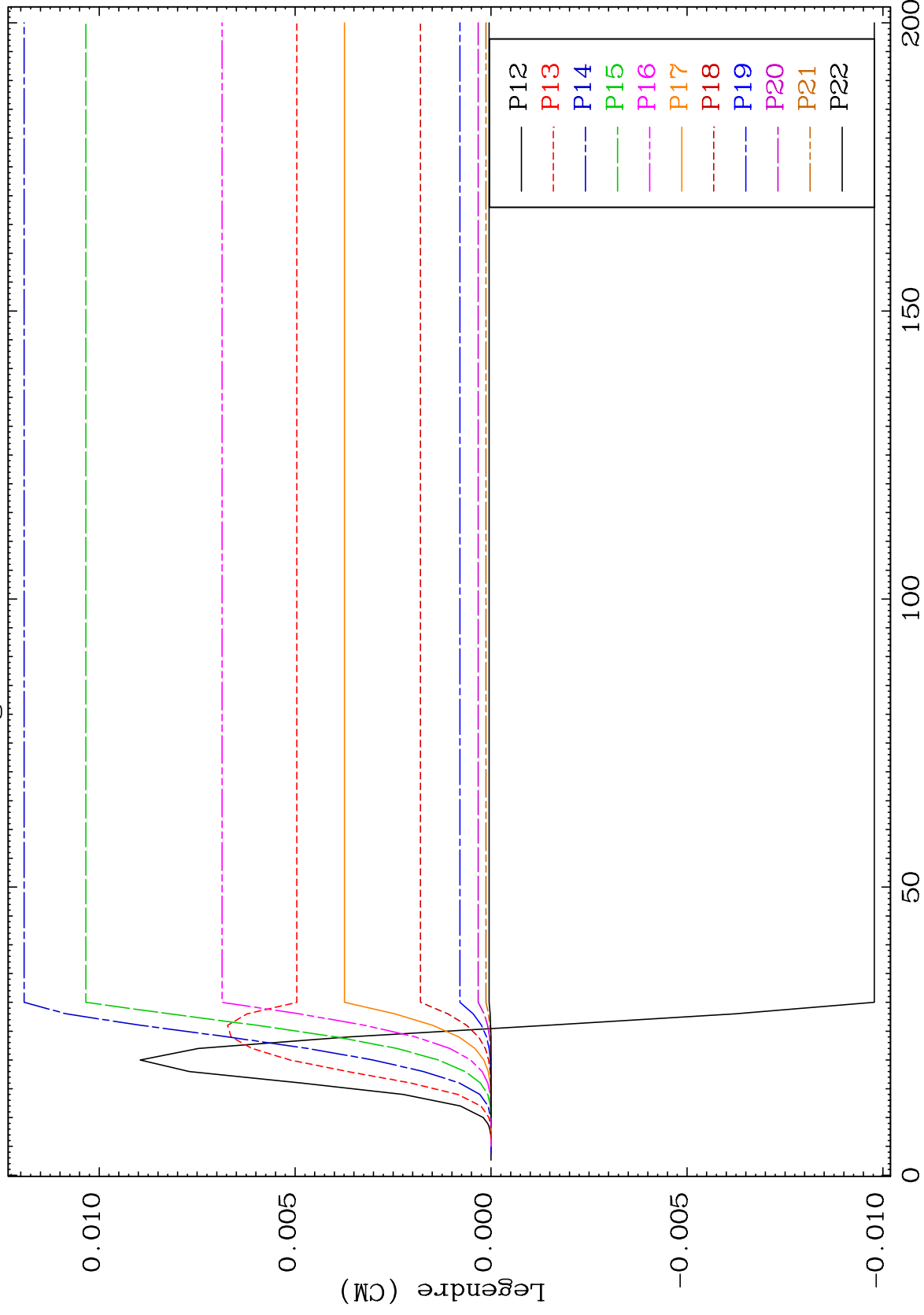




MAT 2731

1.027 MeV (n,n') Level  
Legendre Coefficients

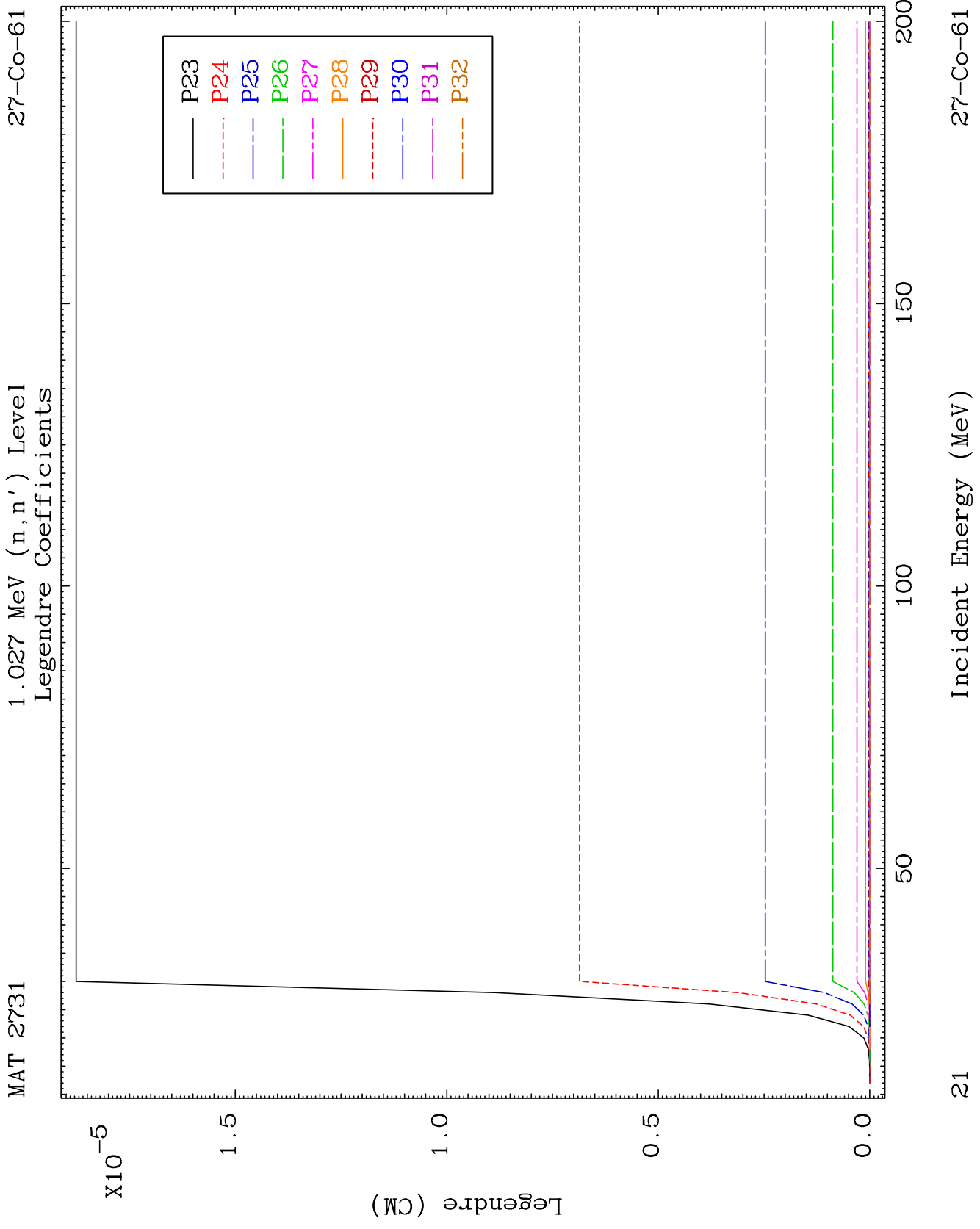
27-Co-61

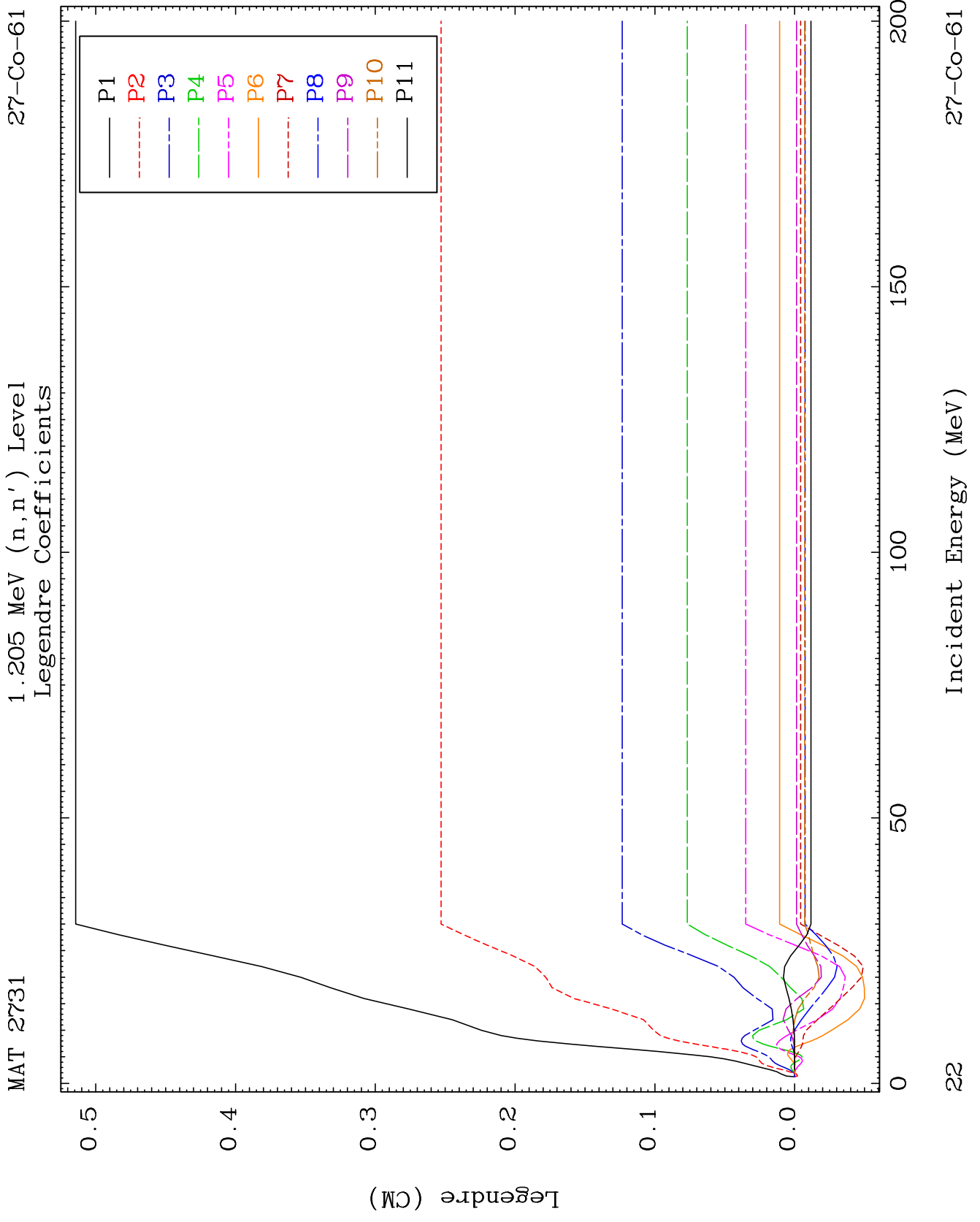


20

Incident Energy (MeV)

27-Co-61

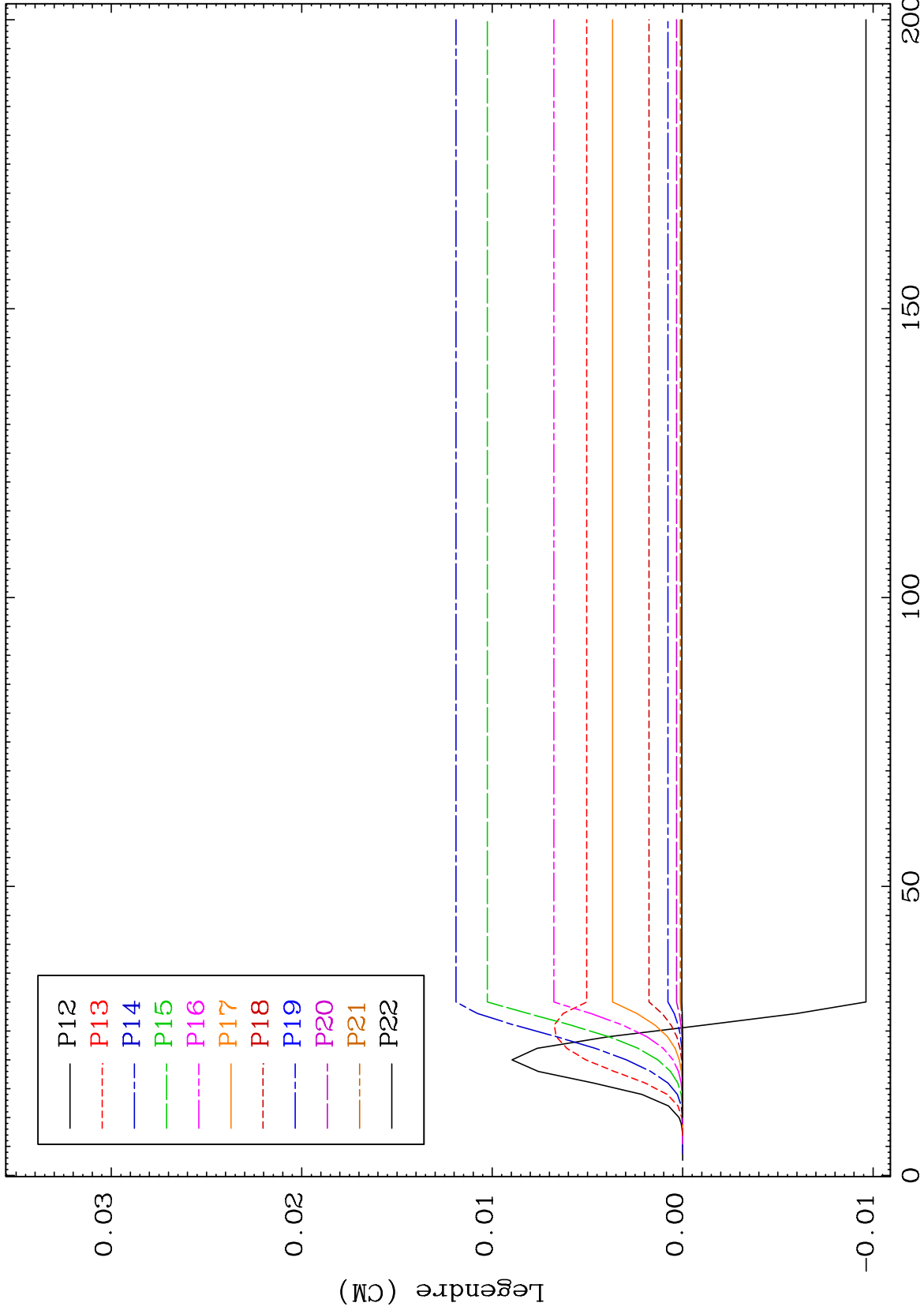




MAT 2731

1.205 MeV (n,n') Level  
Legendre Coefficients

27-Co-61

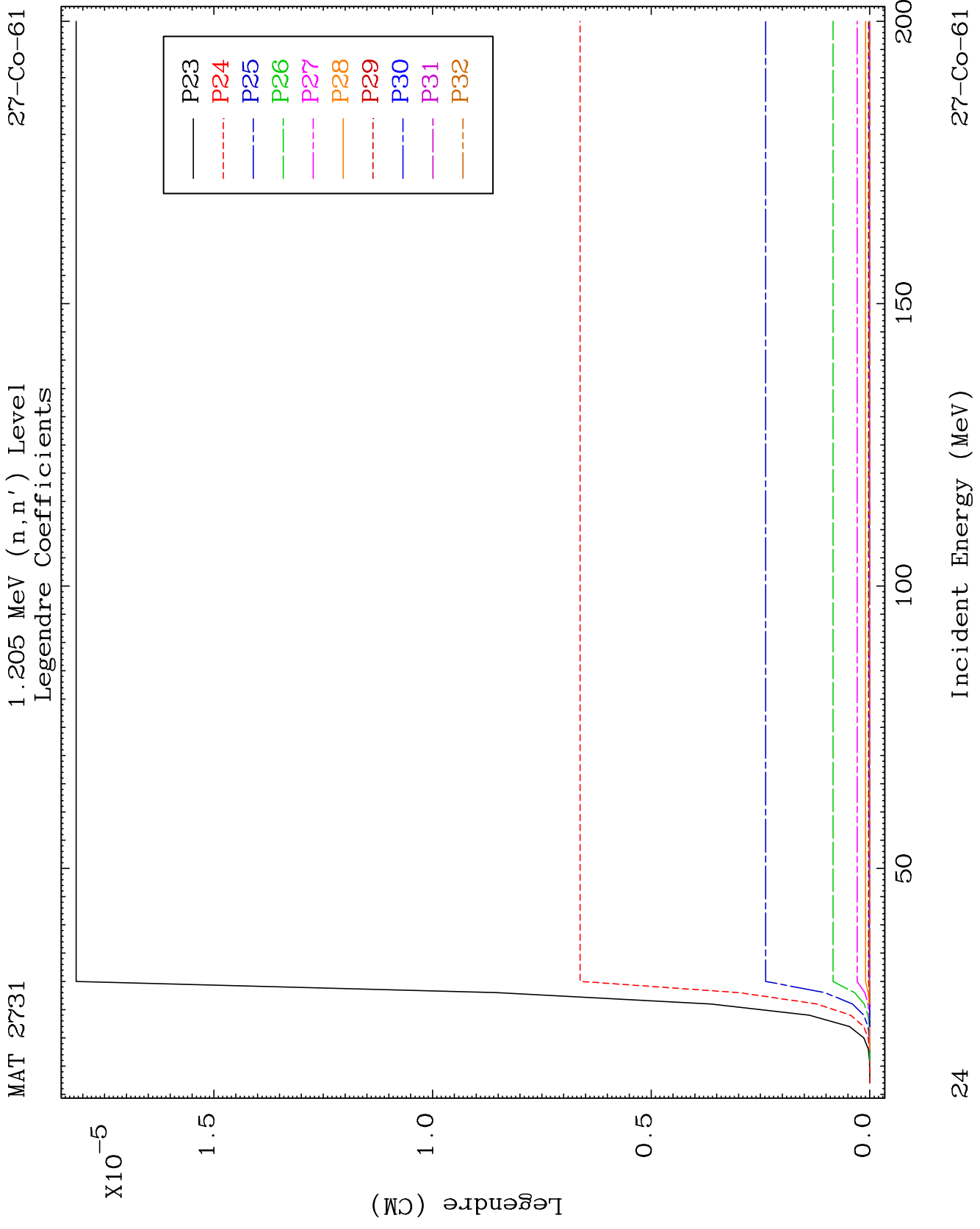


23

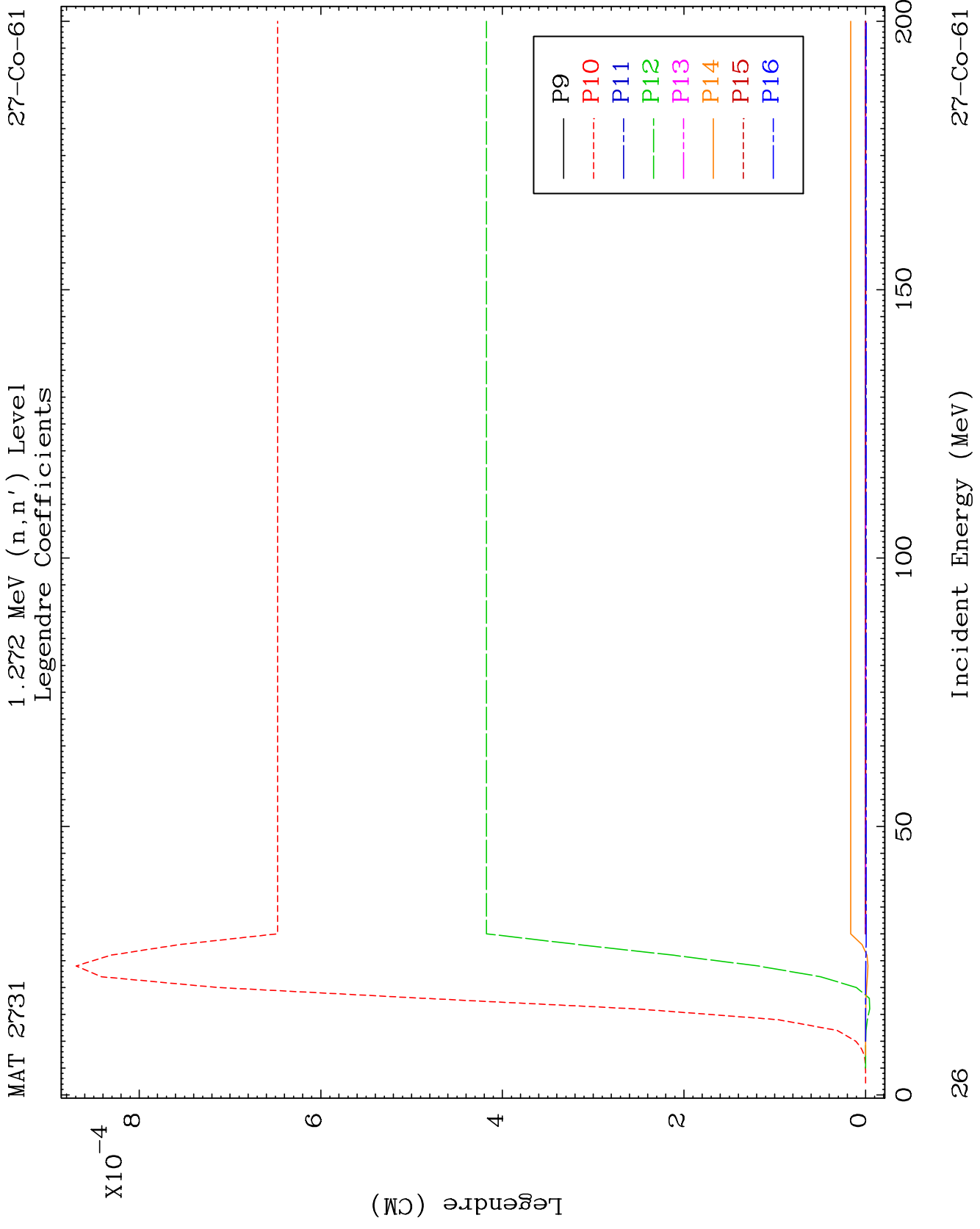
Incident Energy (MeV)

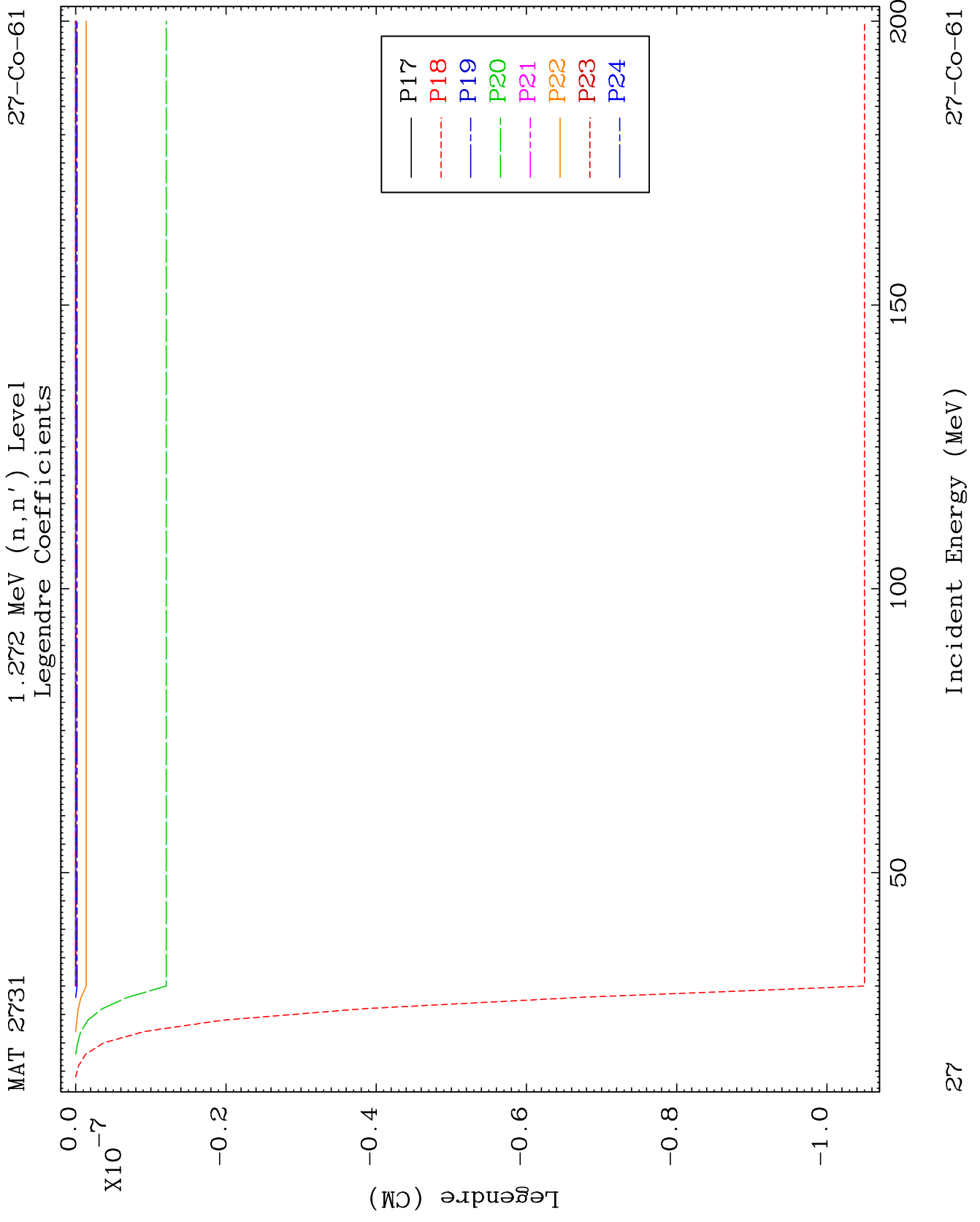
27-Co-61

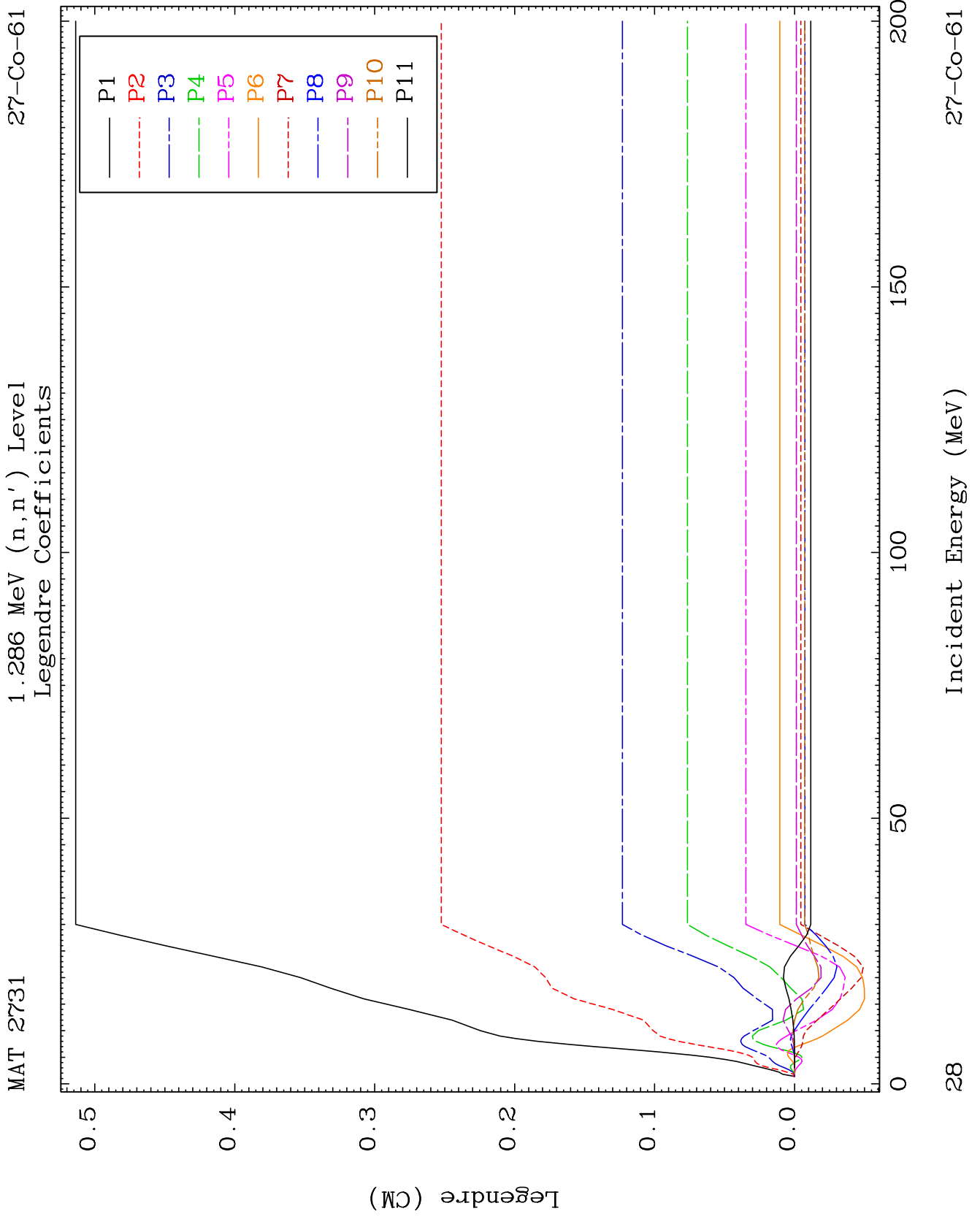


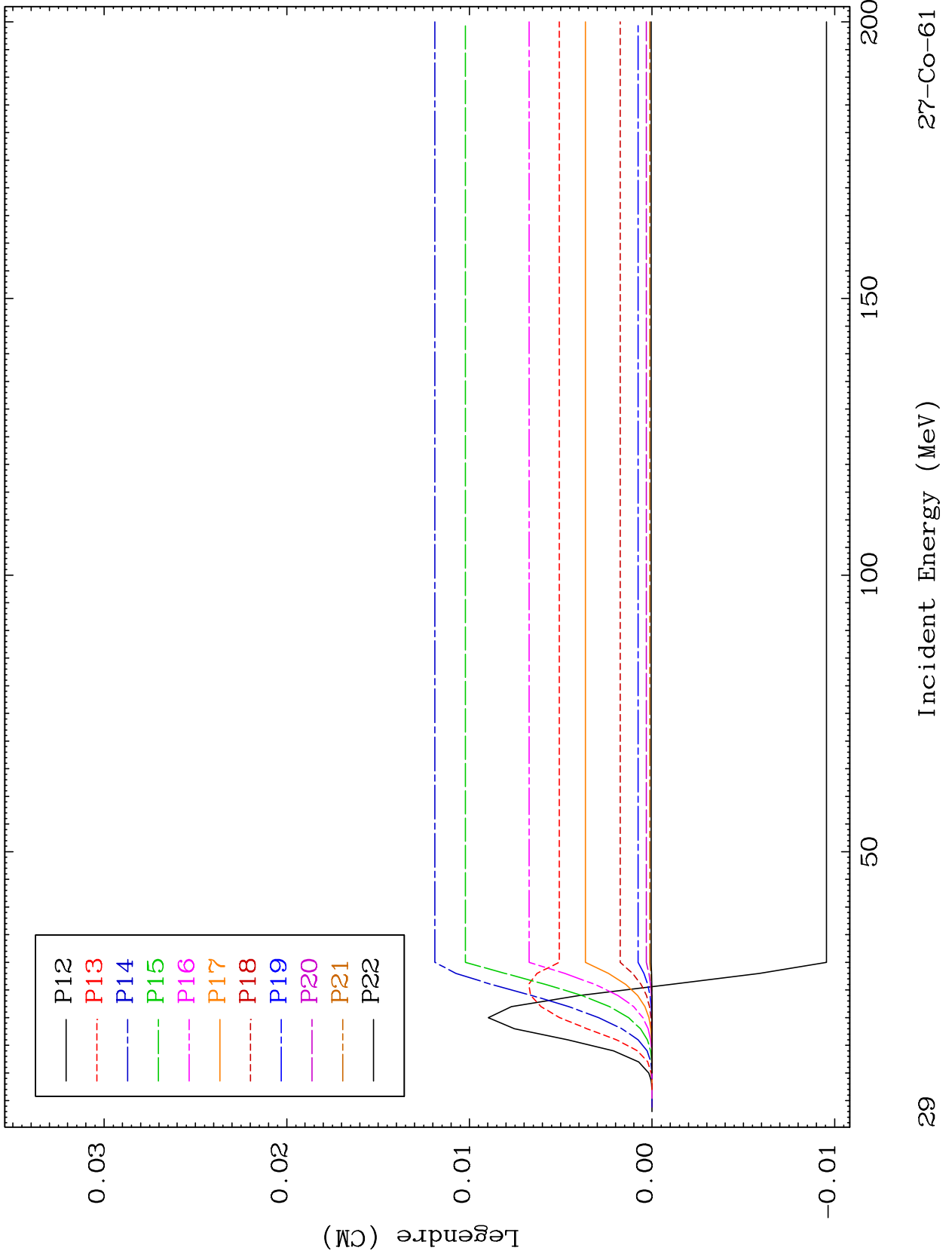


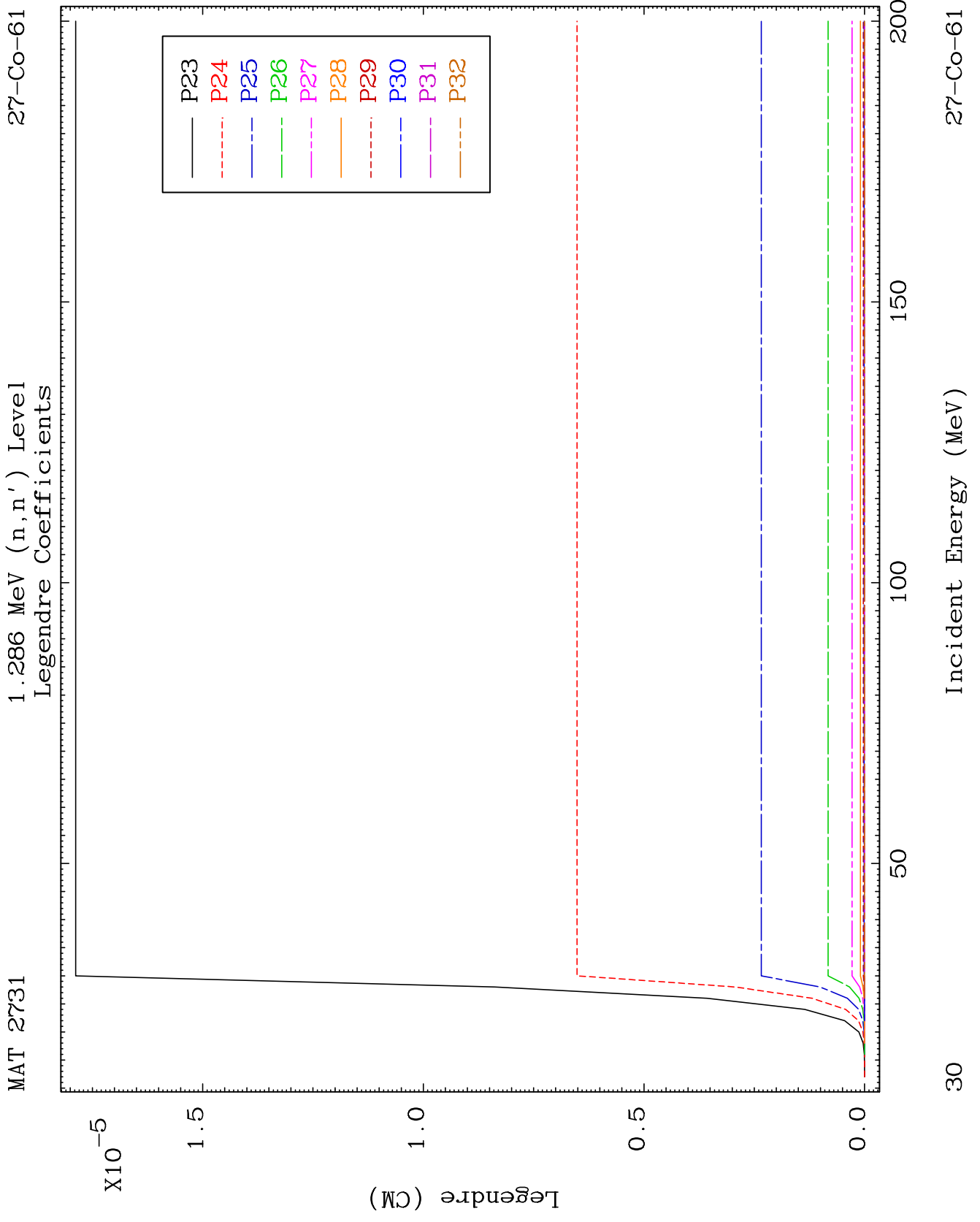


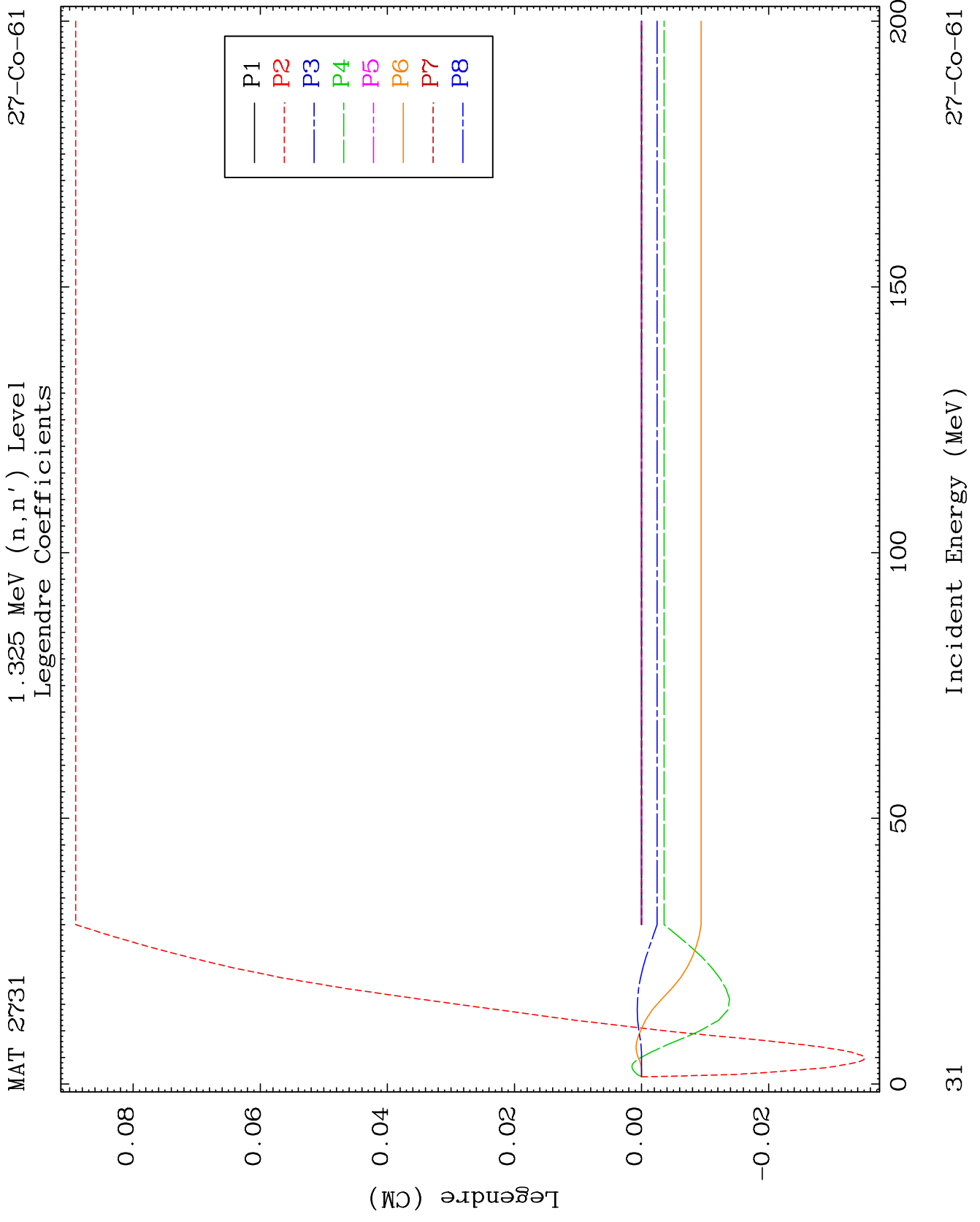










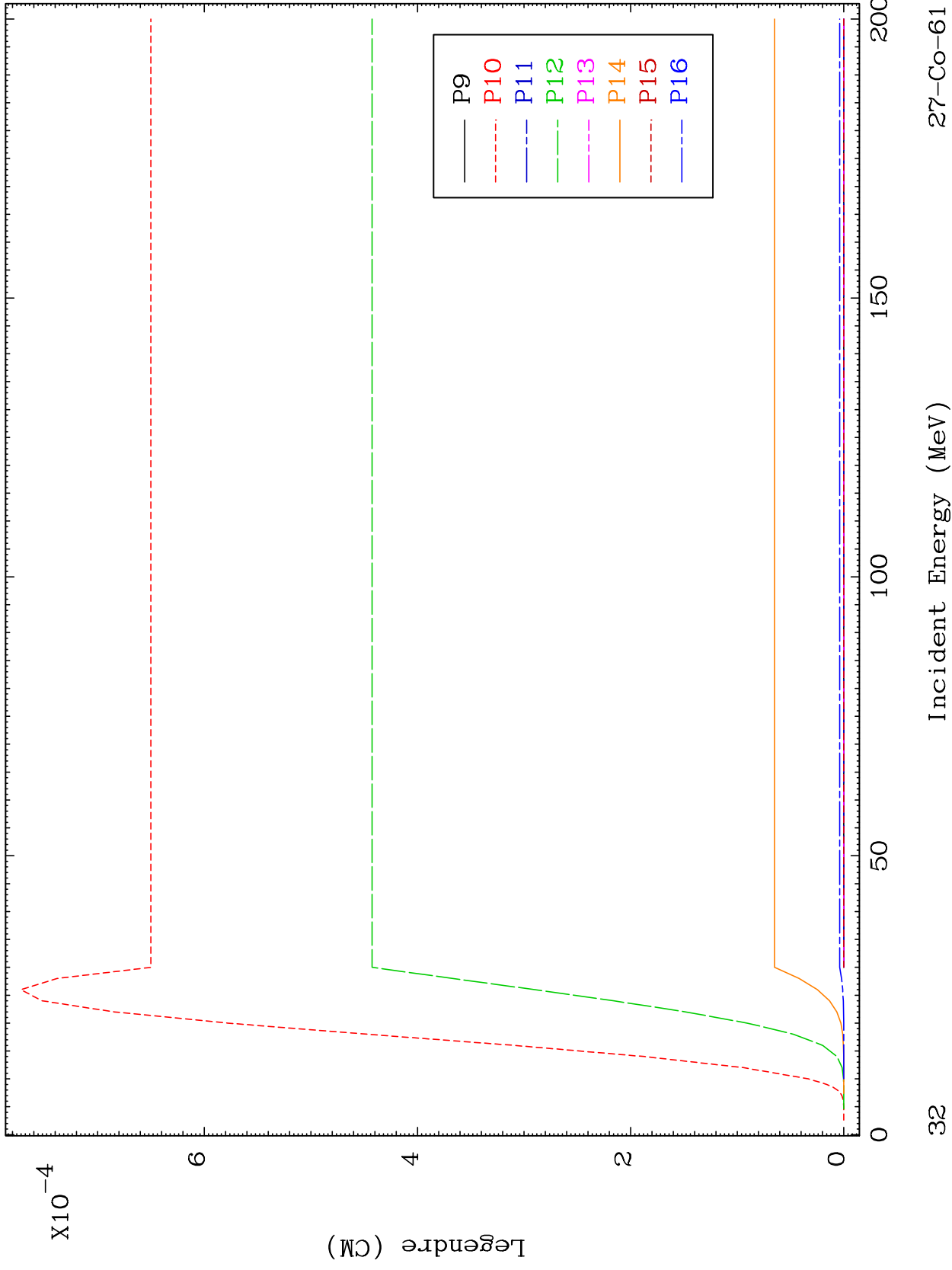




MAT 2731

1.325 MeV (n,n') Level  
Legendre Coefficients

27-Co-61



32

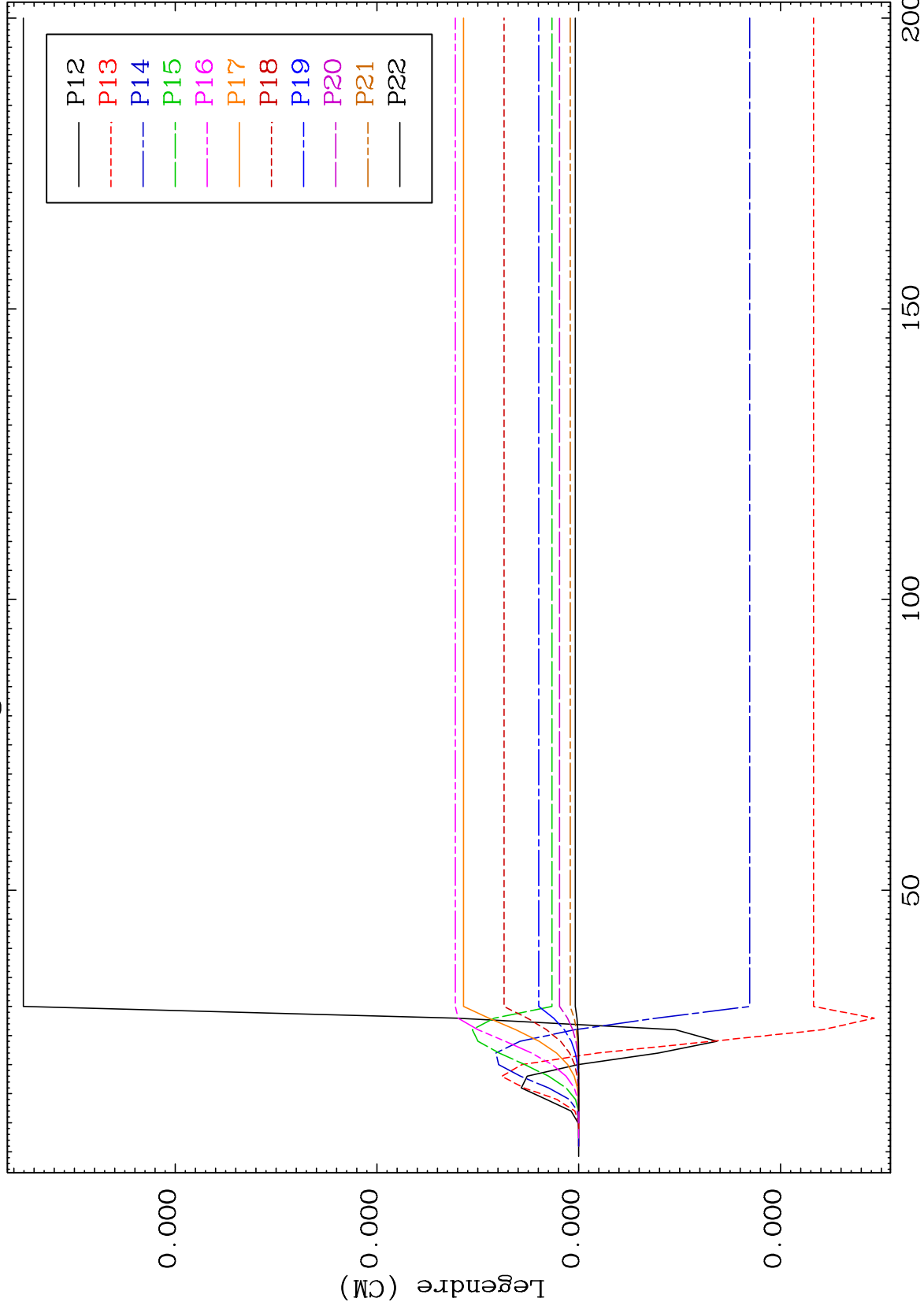




MAT 2731

1.619 MeV (n,n') Level  
Legendre Coefficients

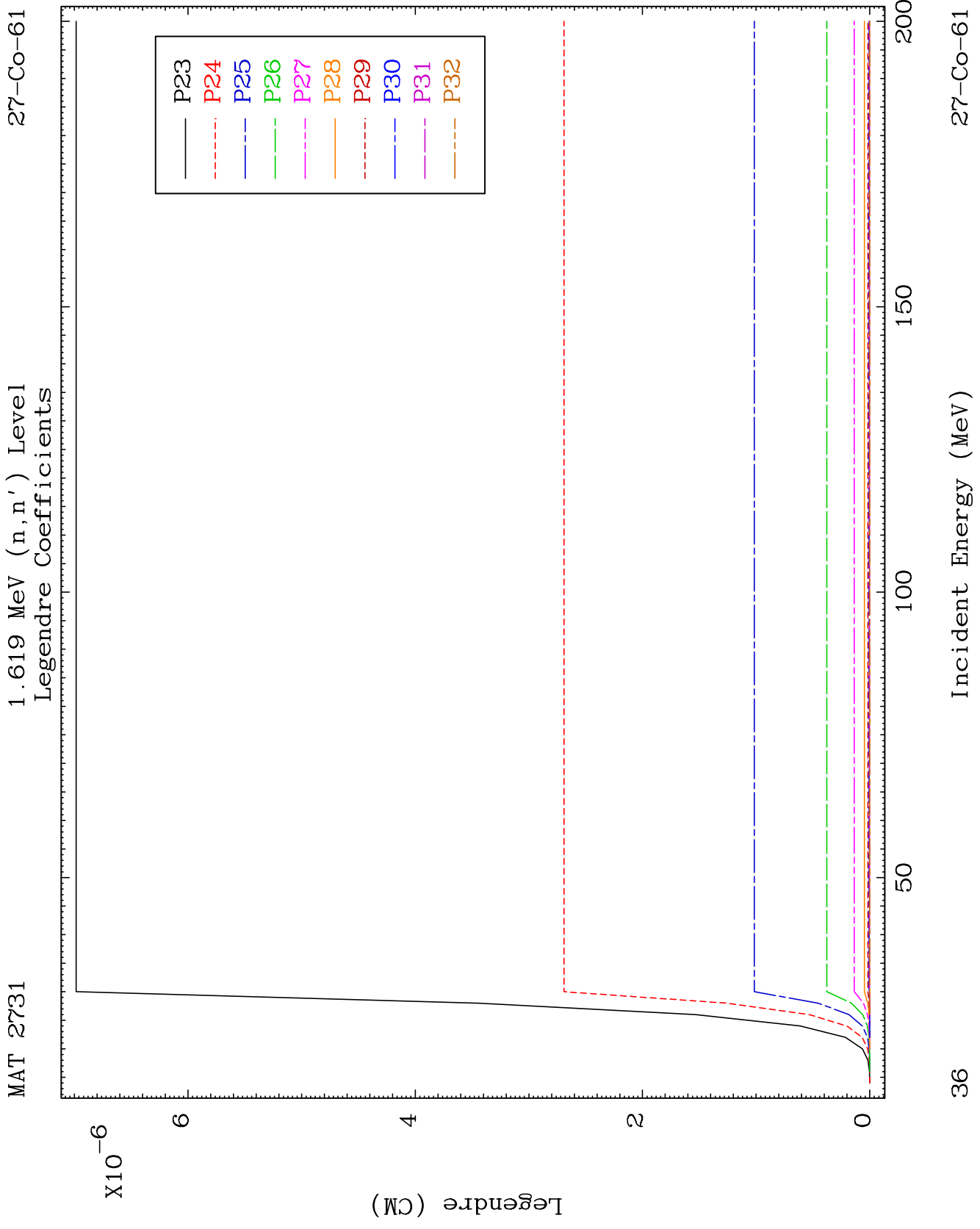
27-Co-61



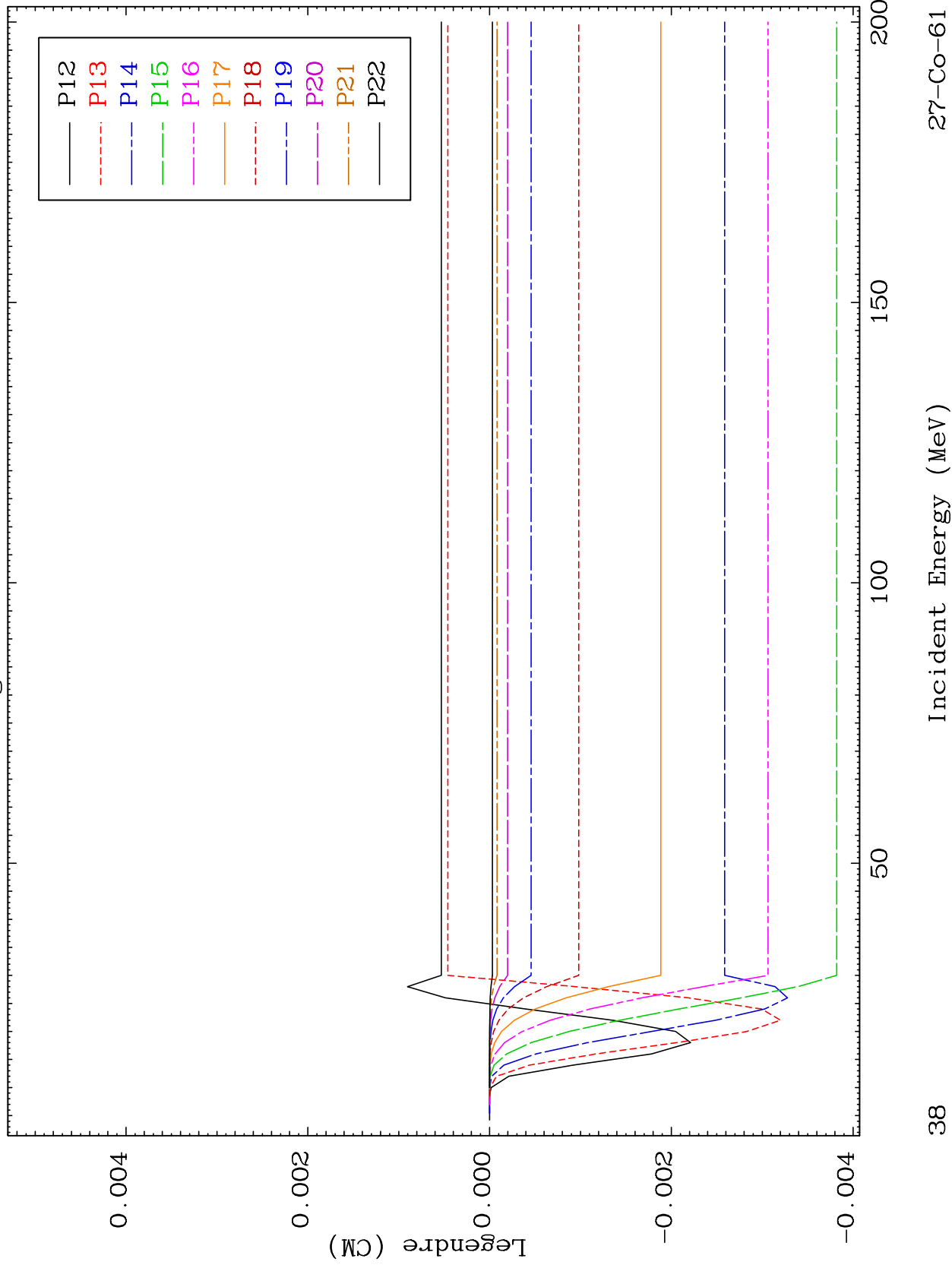
35

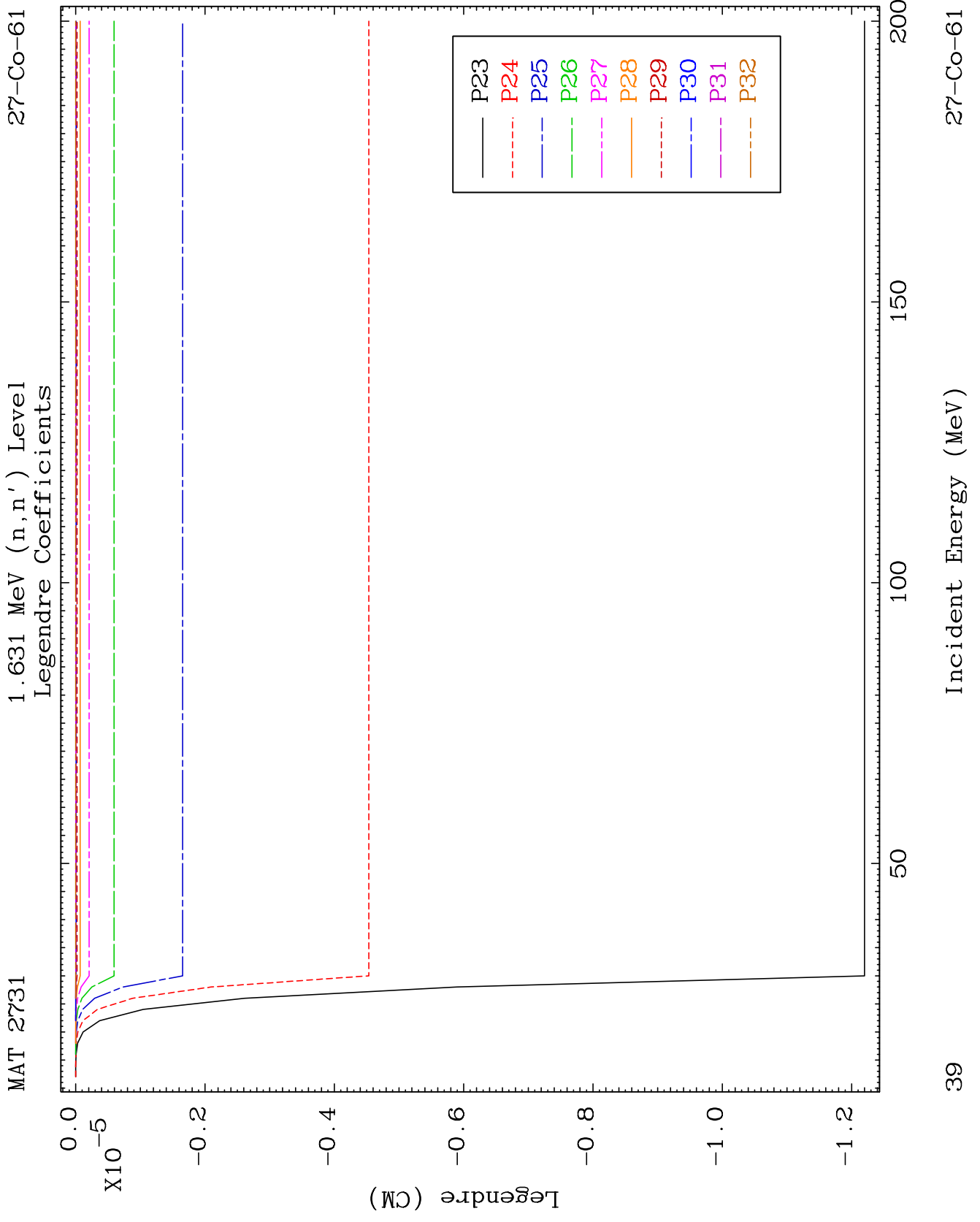
Incident Energy (MeV)

27-Co-61

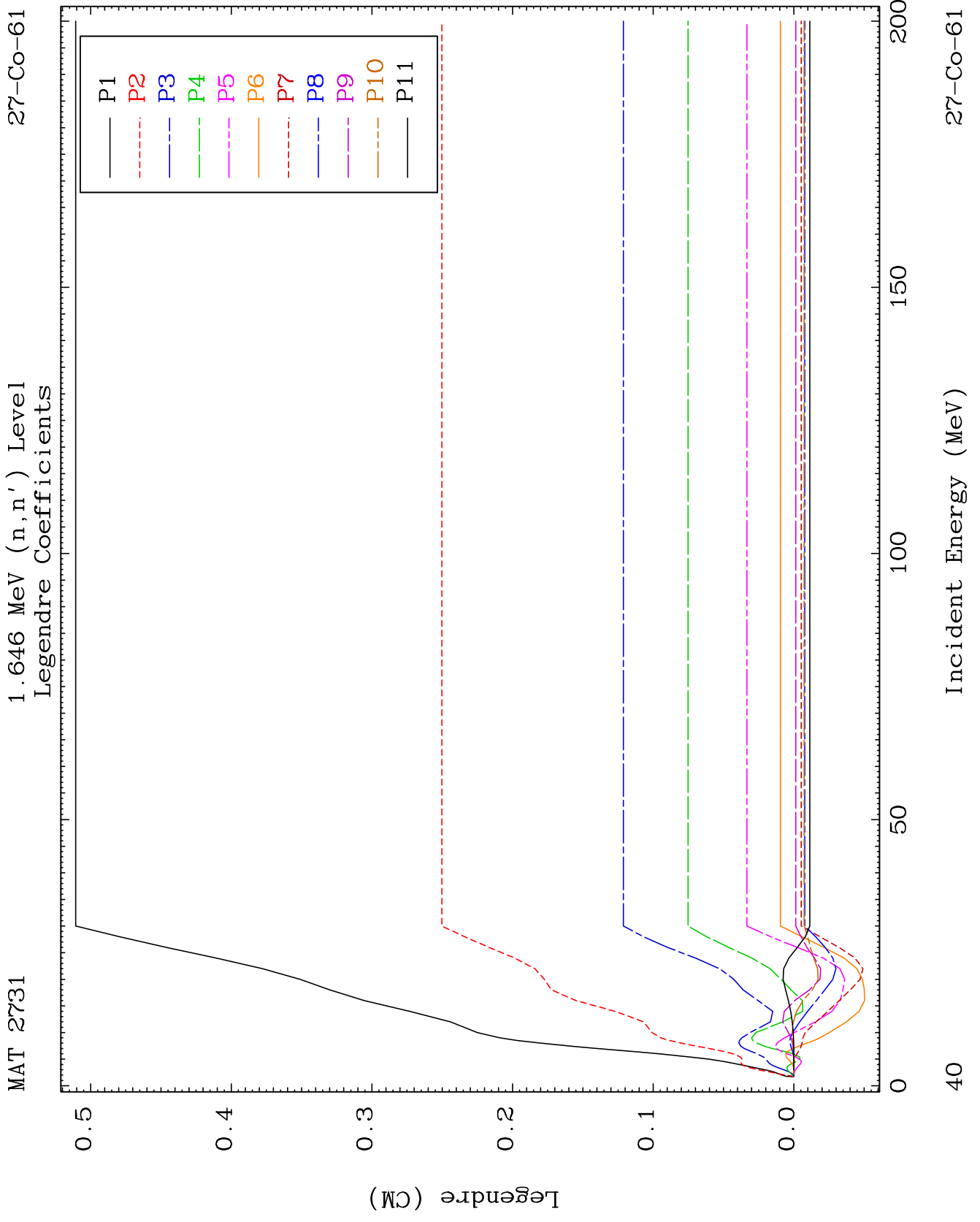


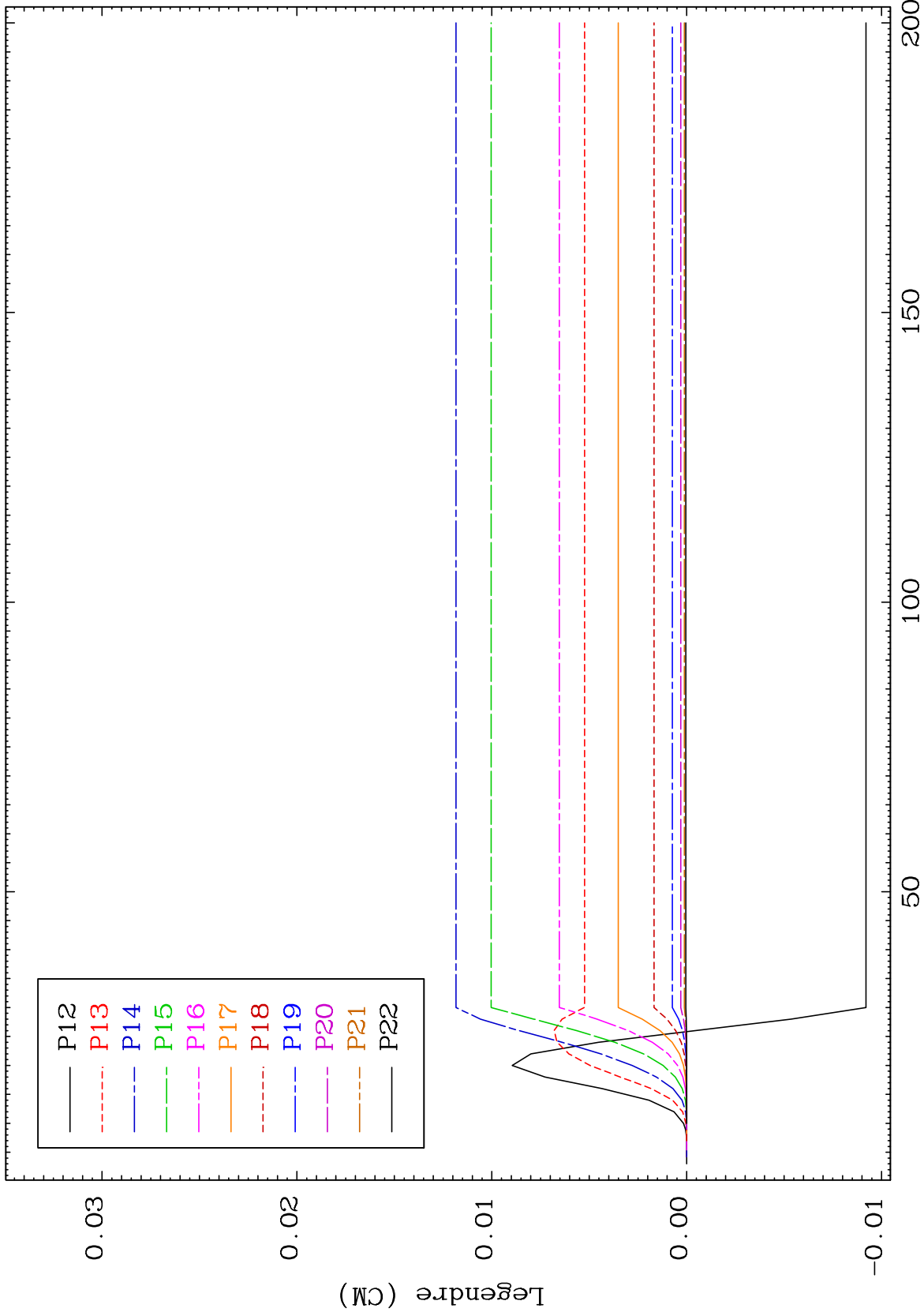




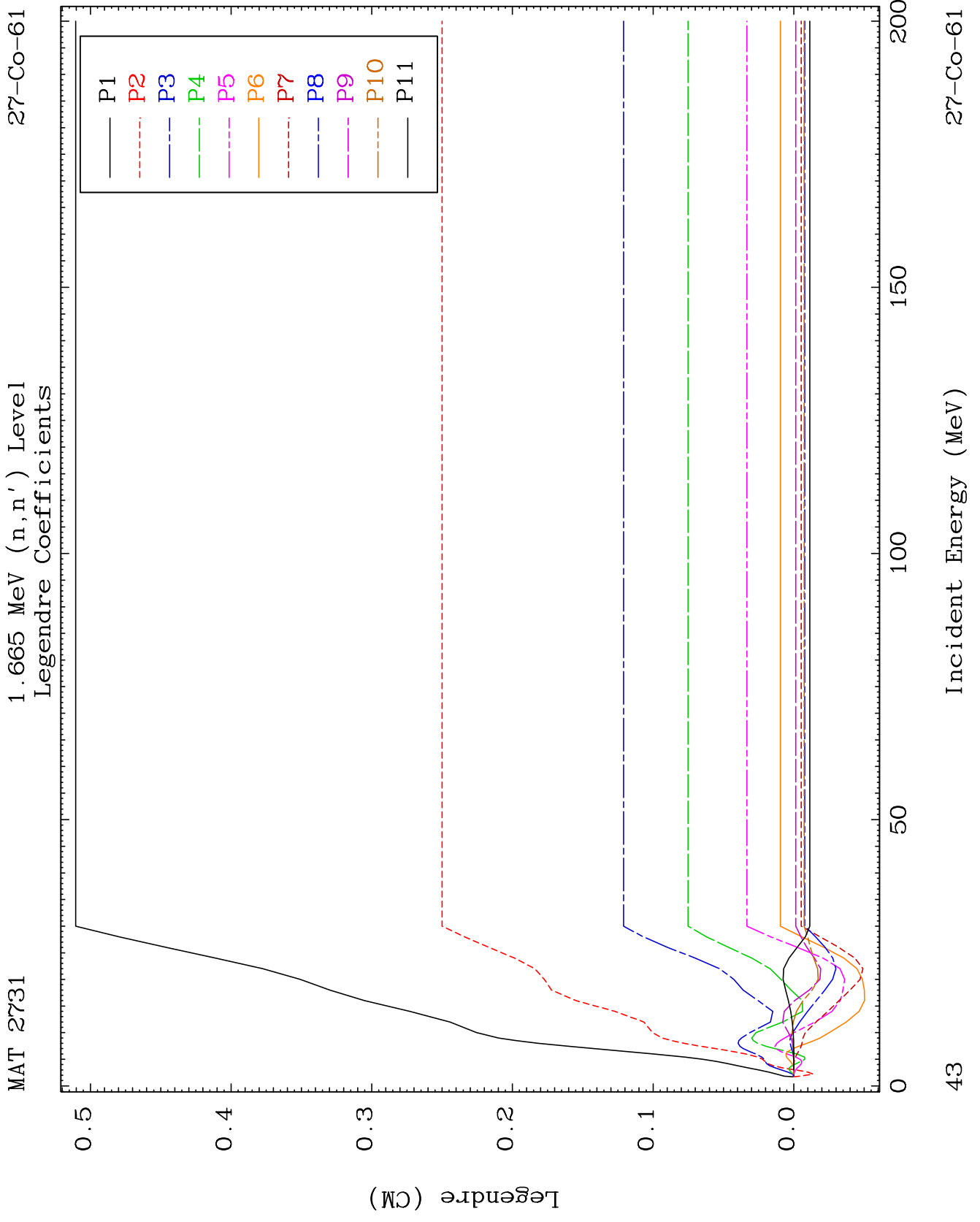








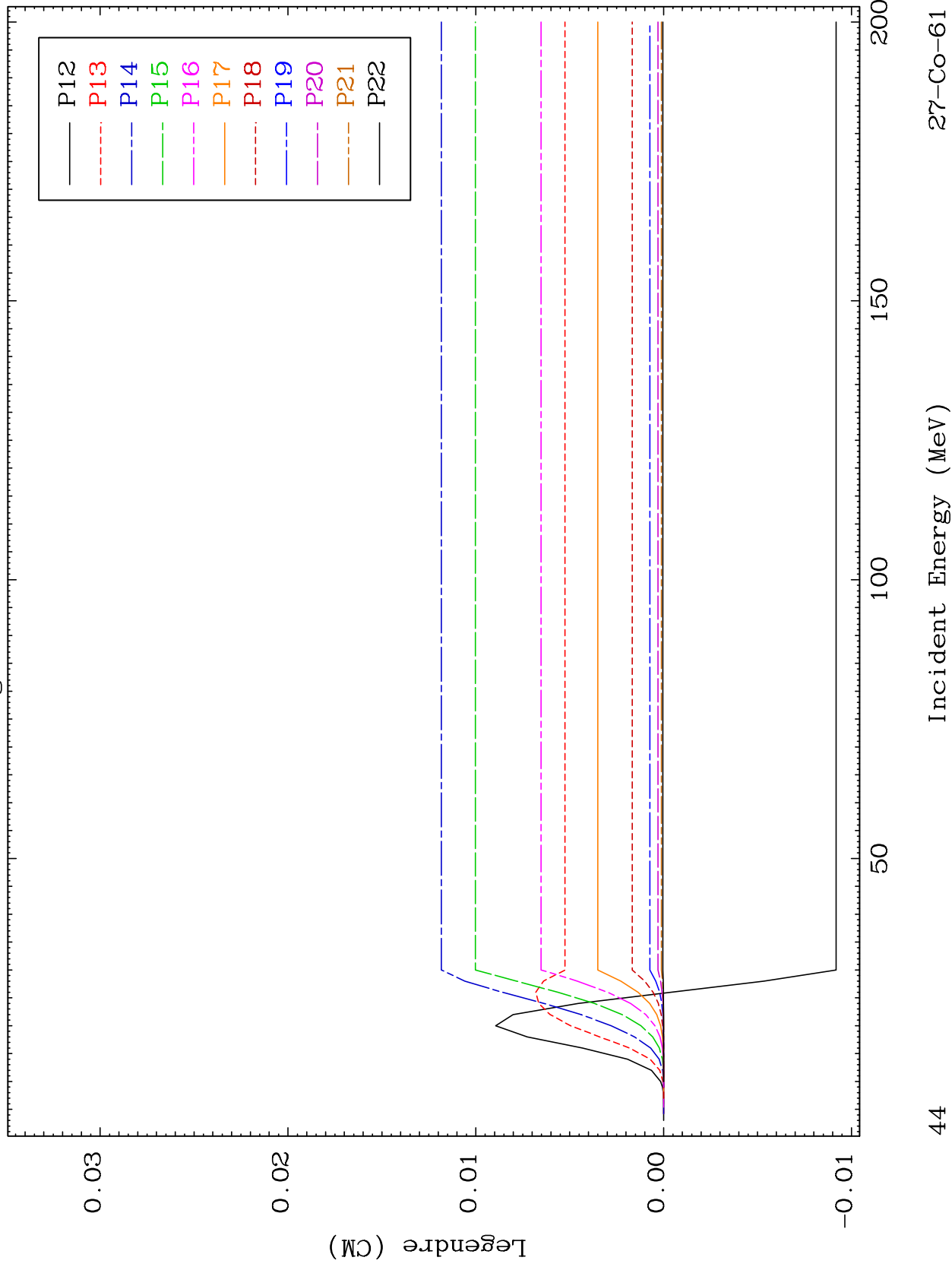




MAT 2731

1.665 MeV (n,n') Level  
Legendre Coefficients

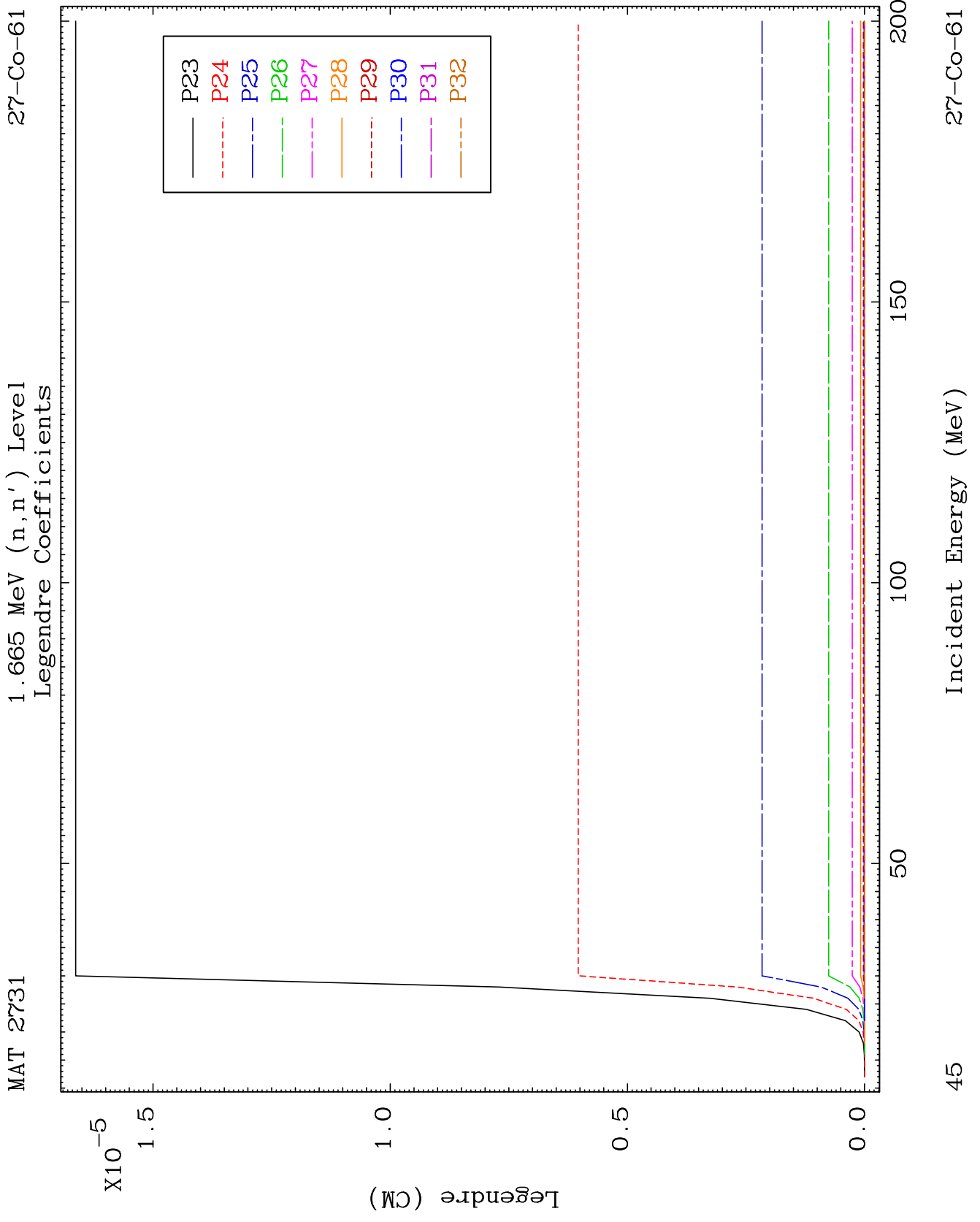
27-Co-61



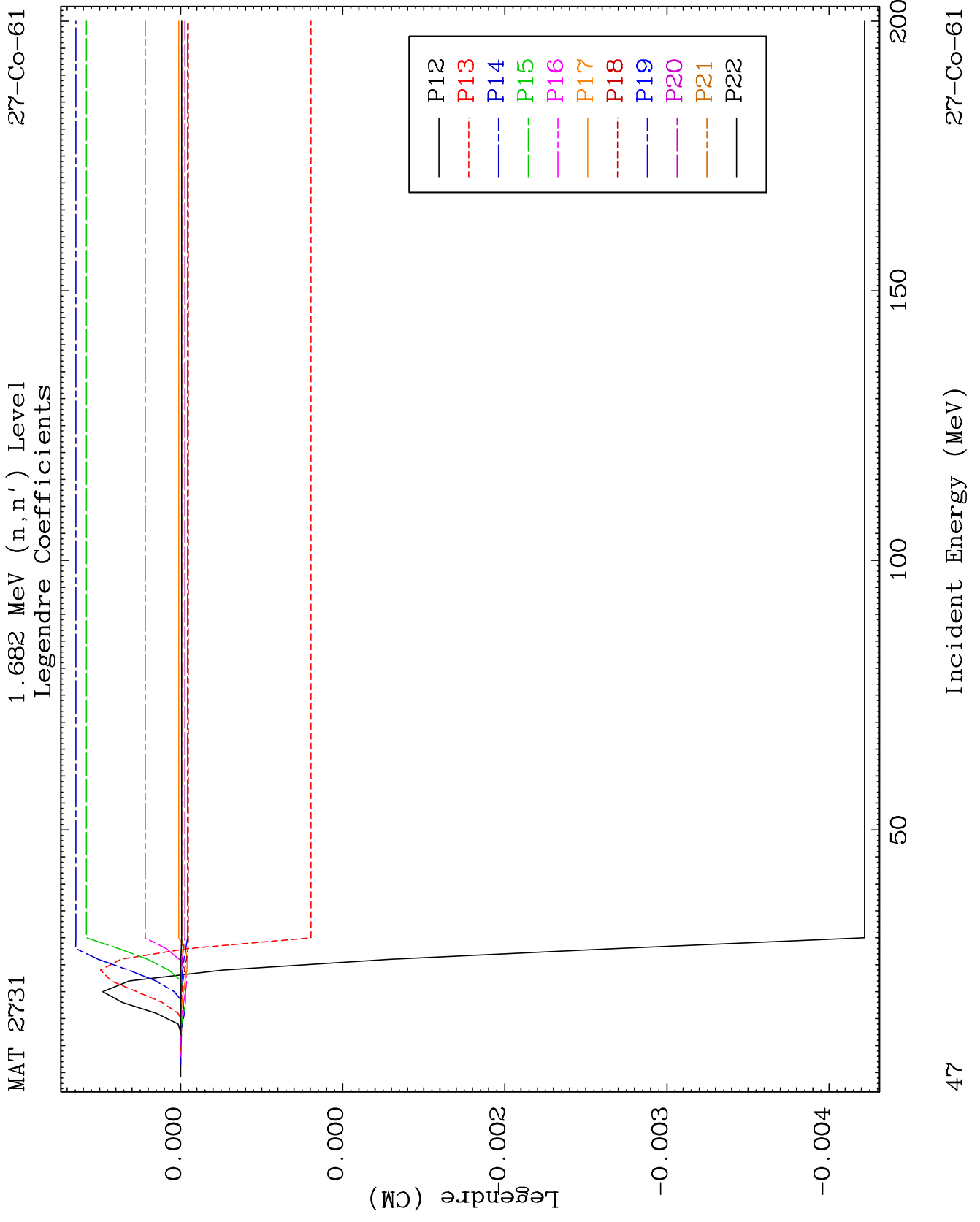
44

Incident Energy (MeV)

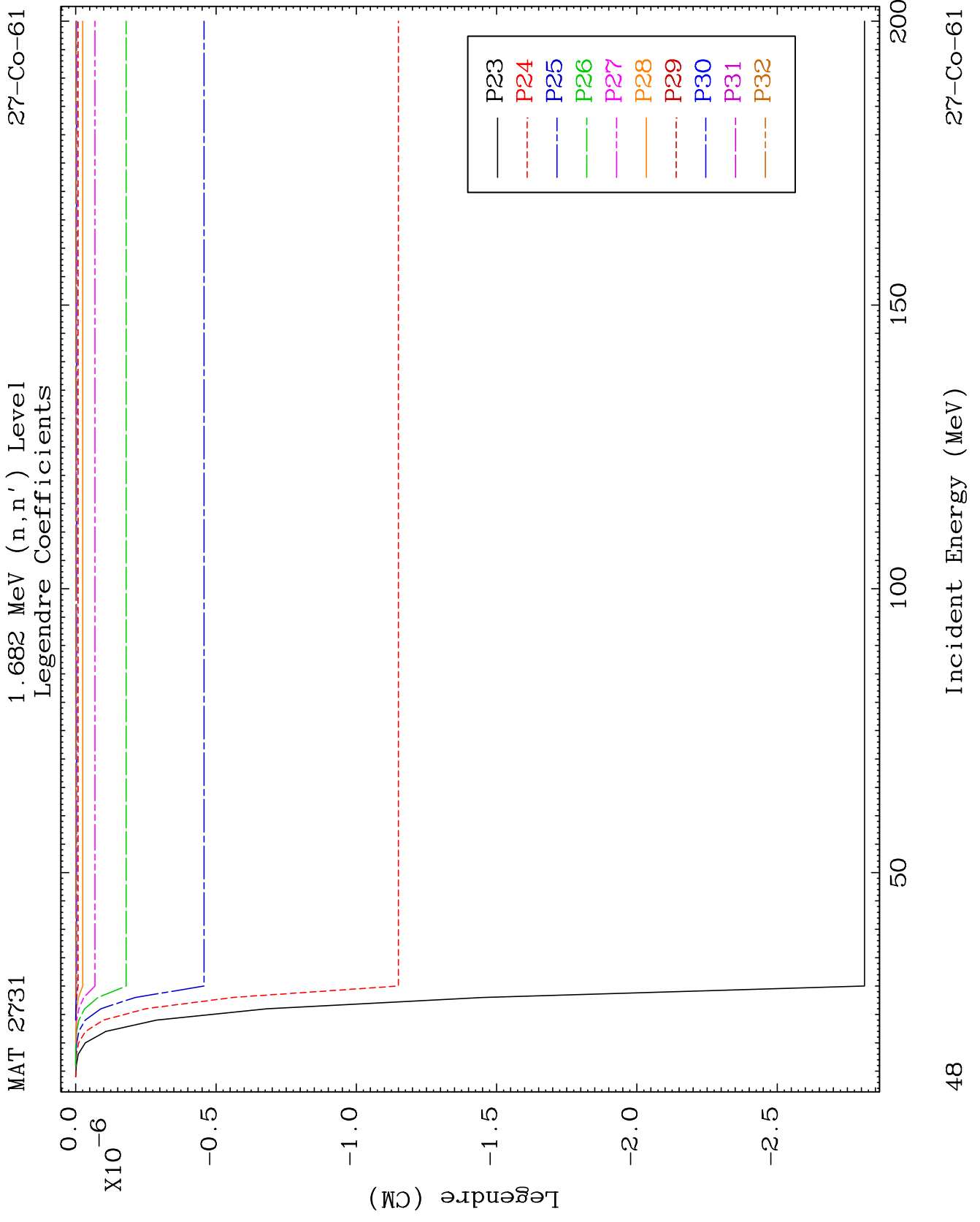
27-Co-61









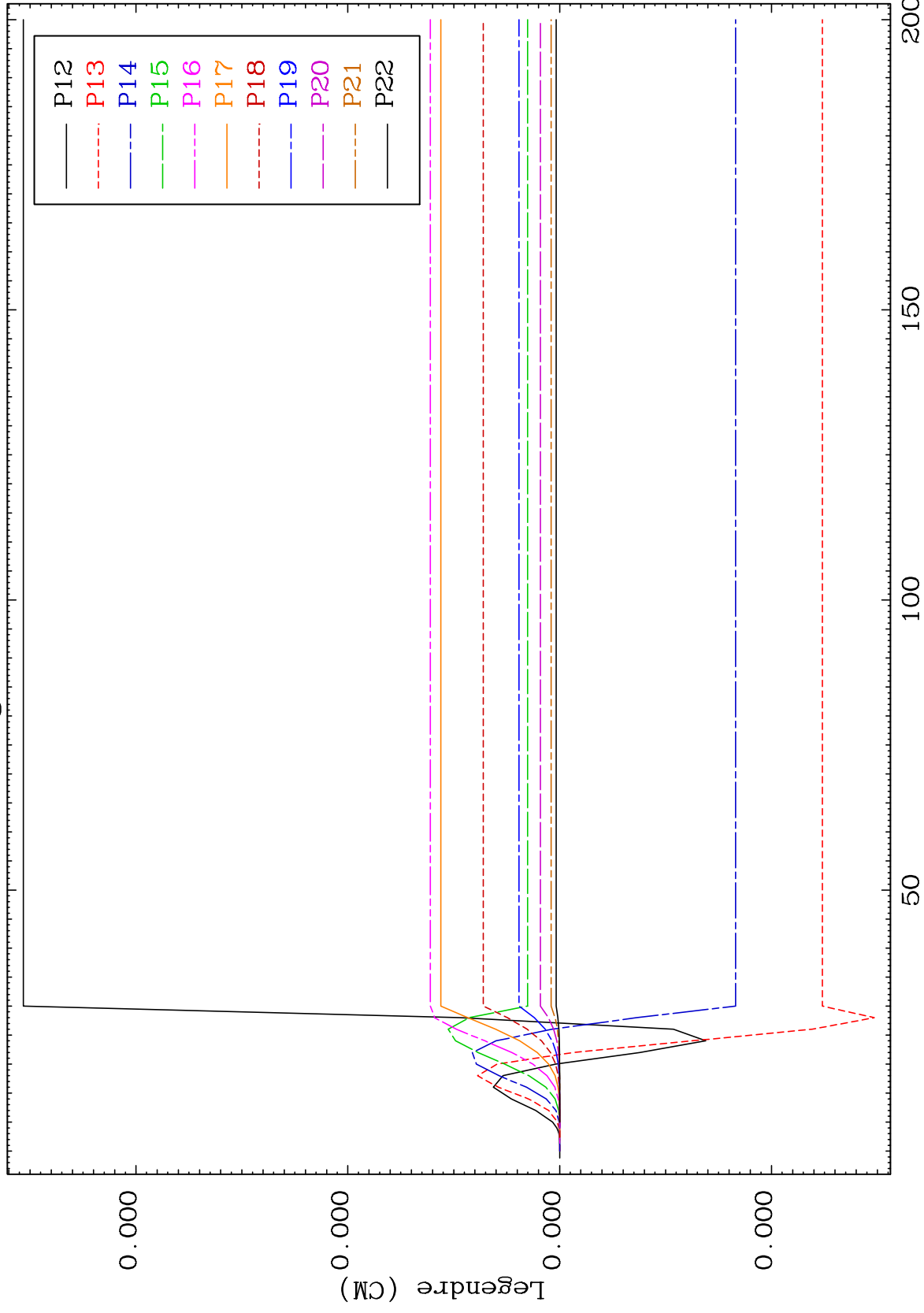




MAT 2731

1.889 MeV (n,n') Level  
Legendre Coefficients

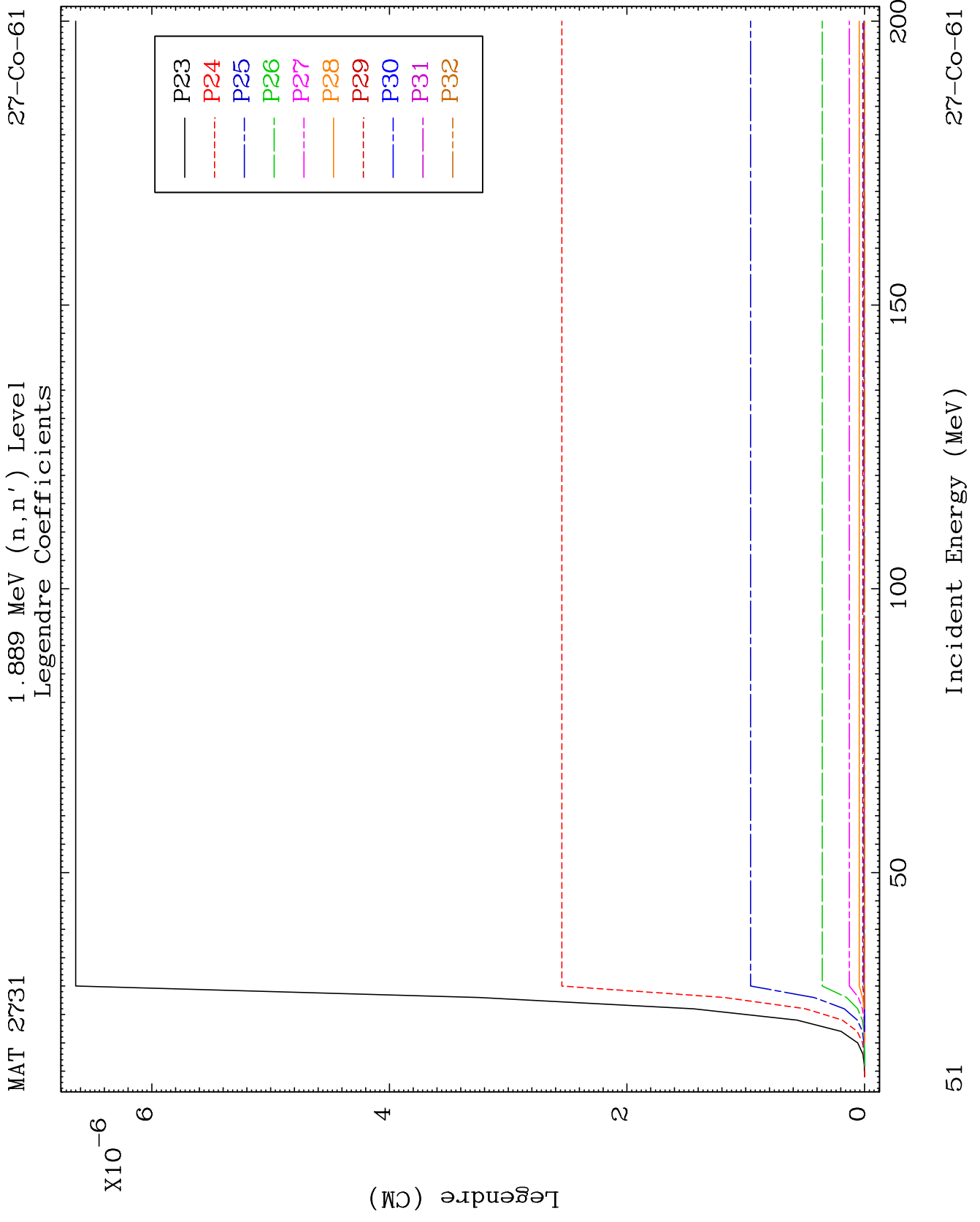
27-Co-61



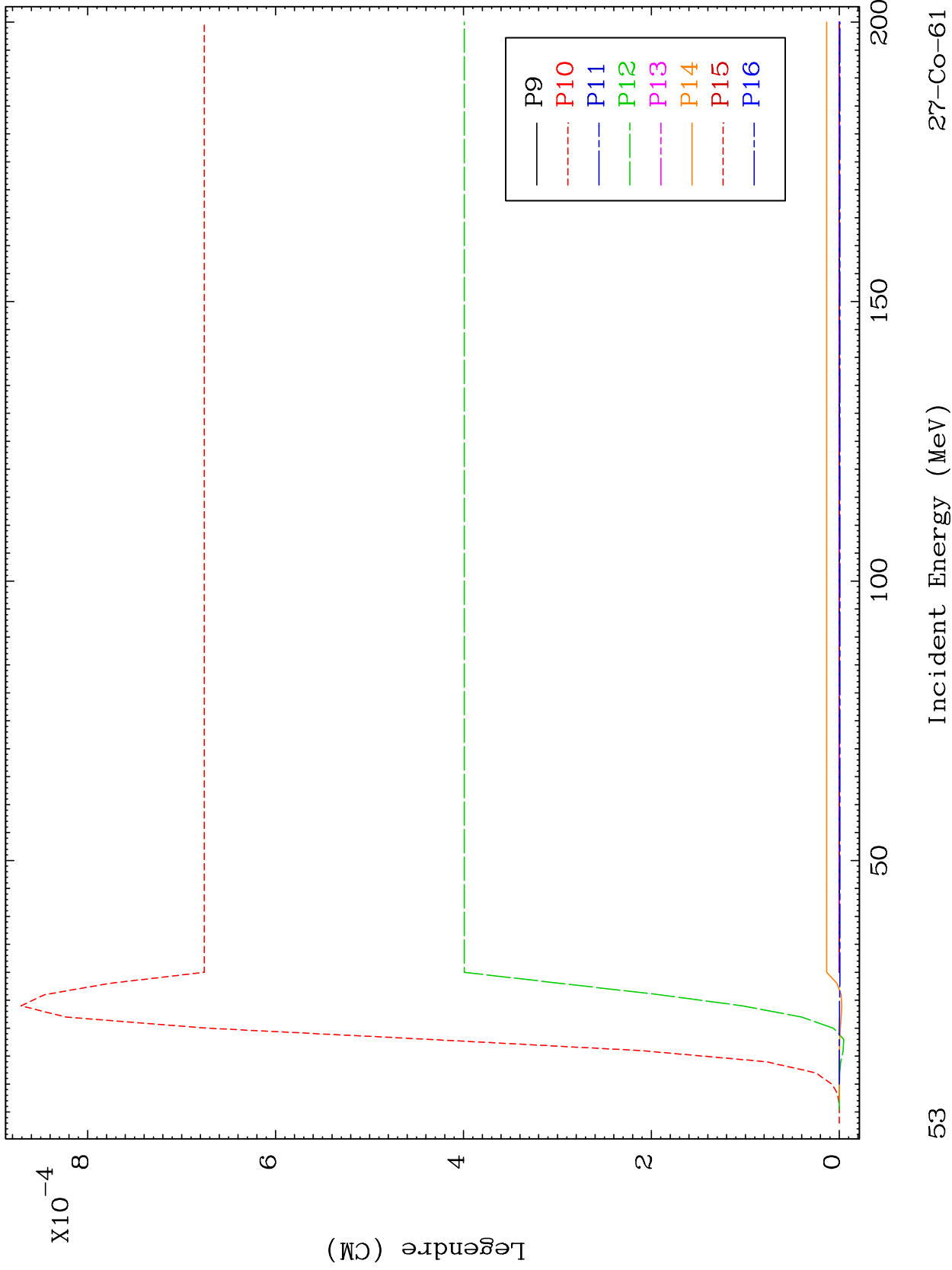
50

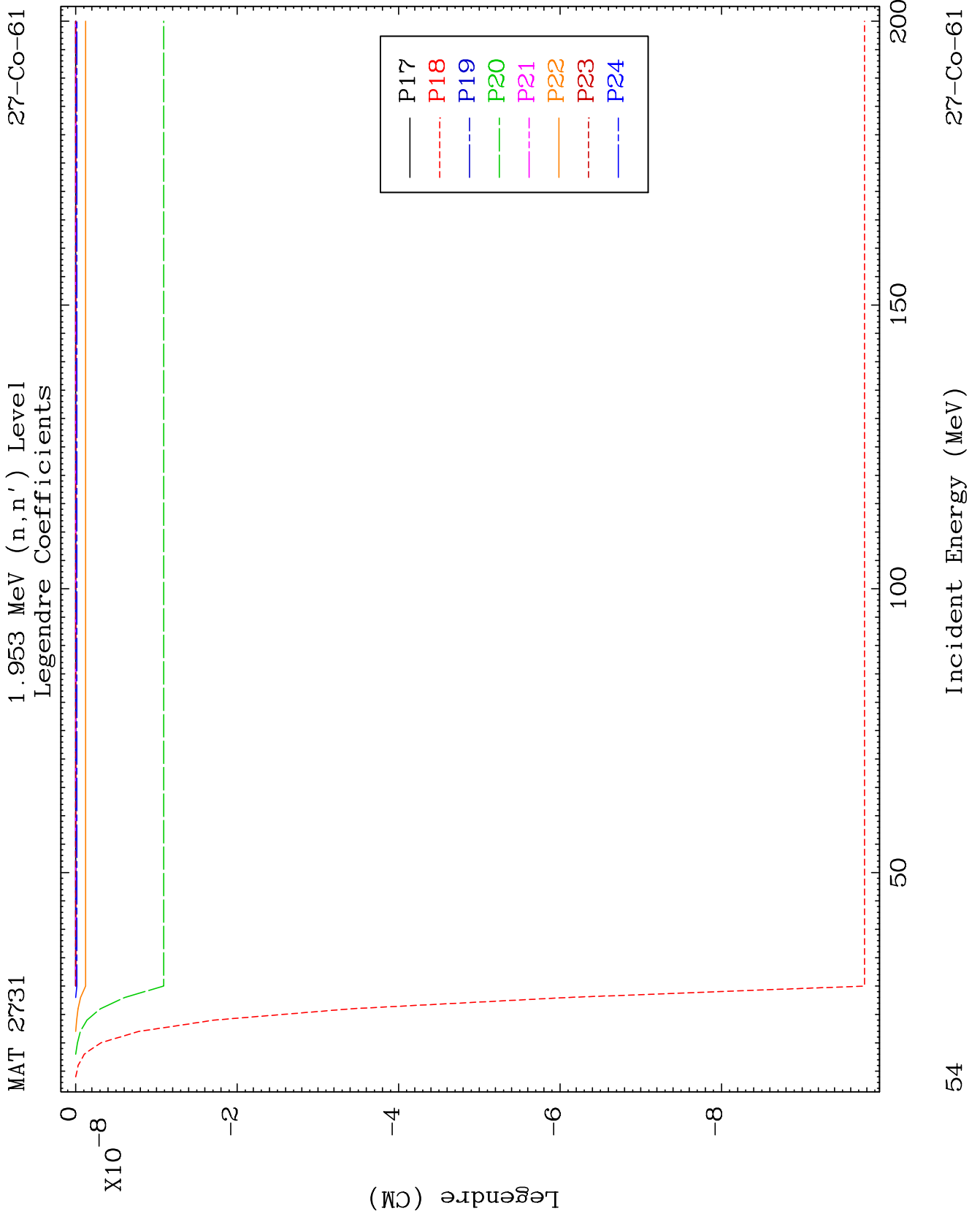
Incident Energy (MeV)

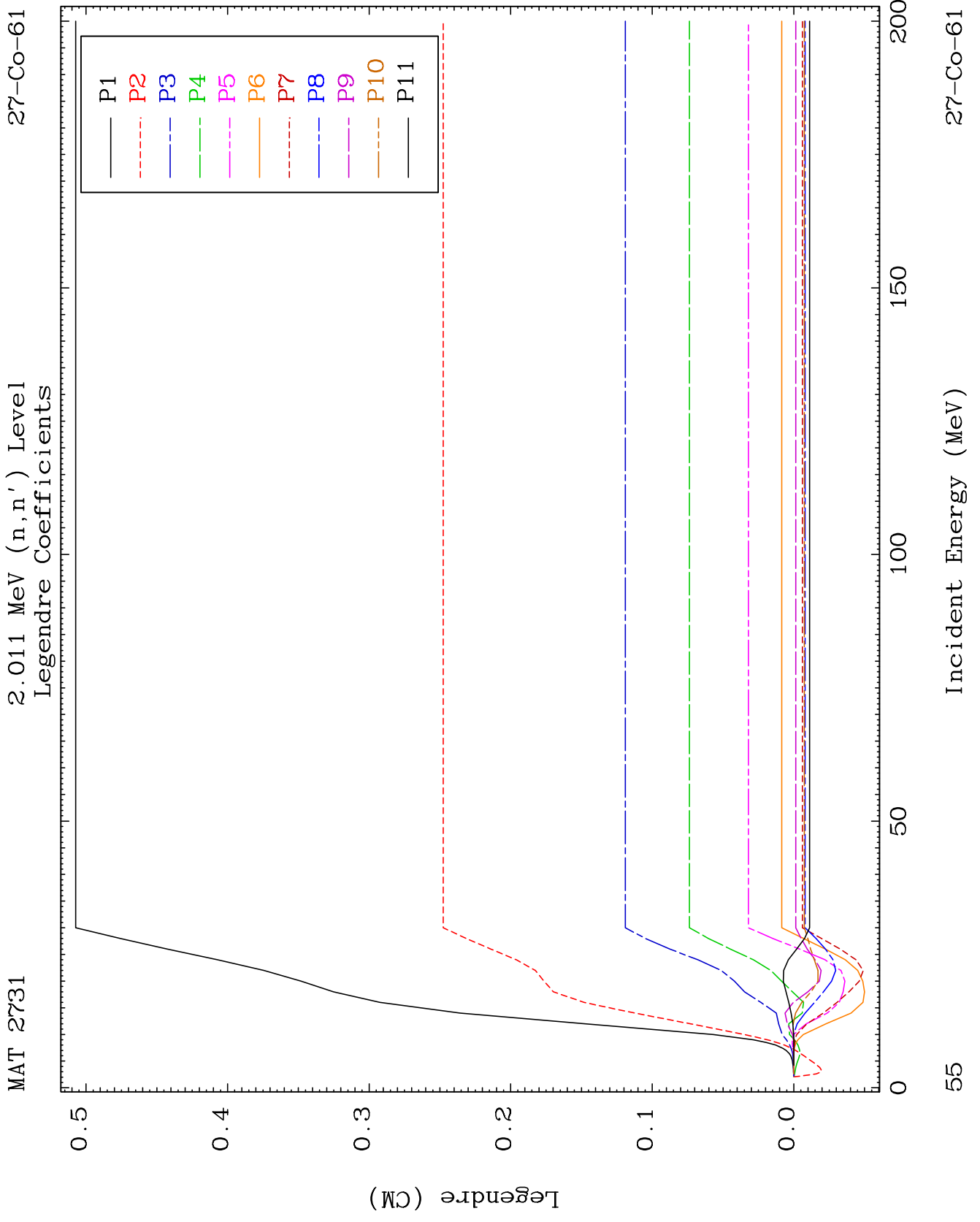
27-Co-61



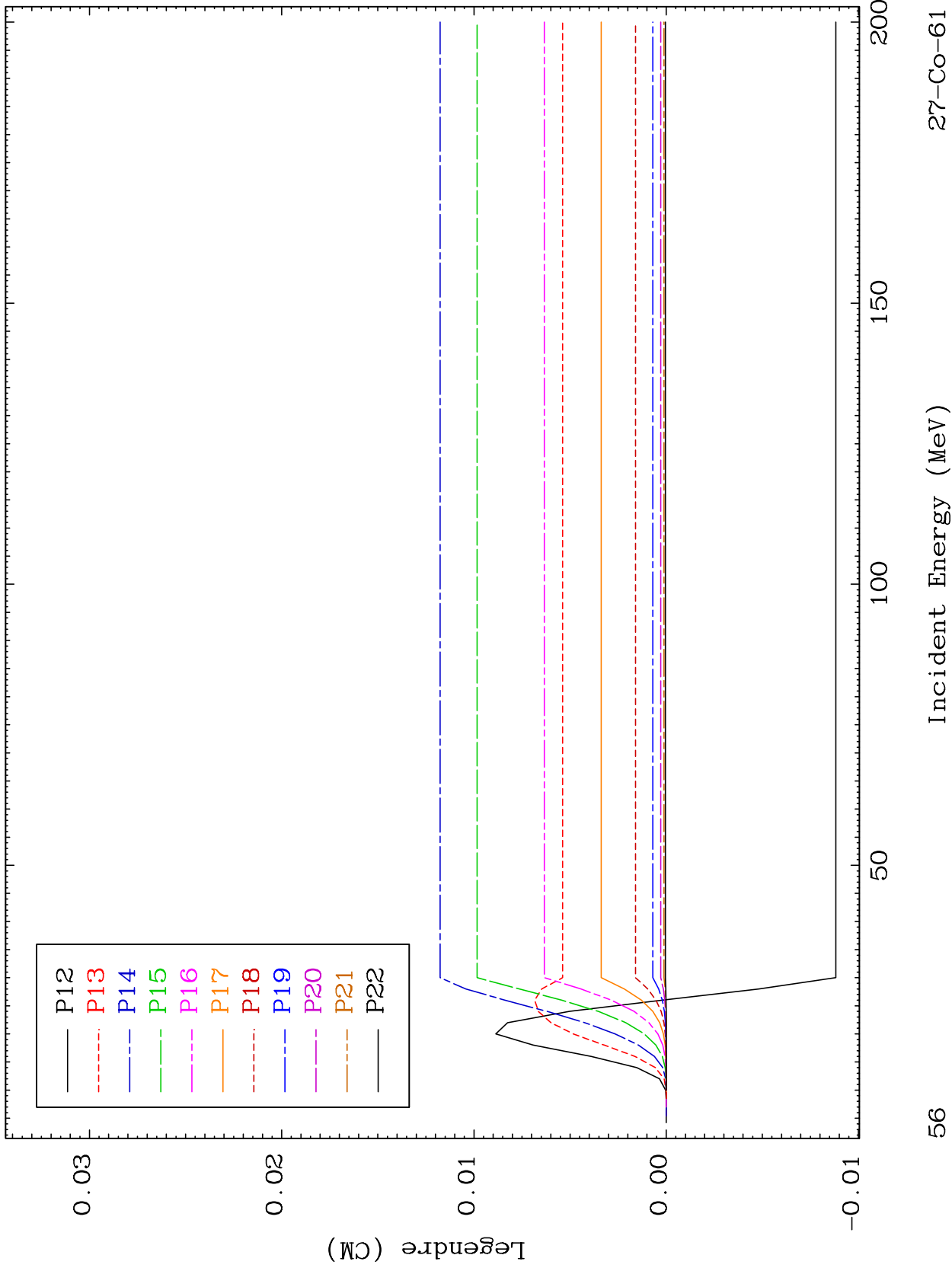


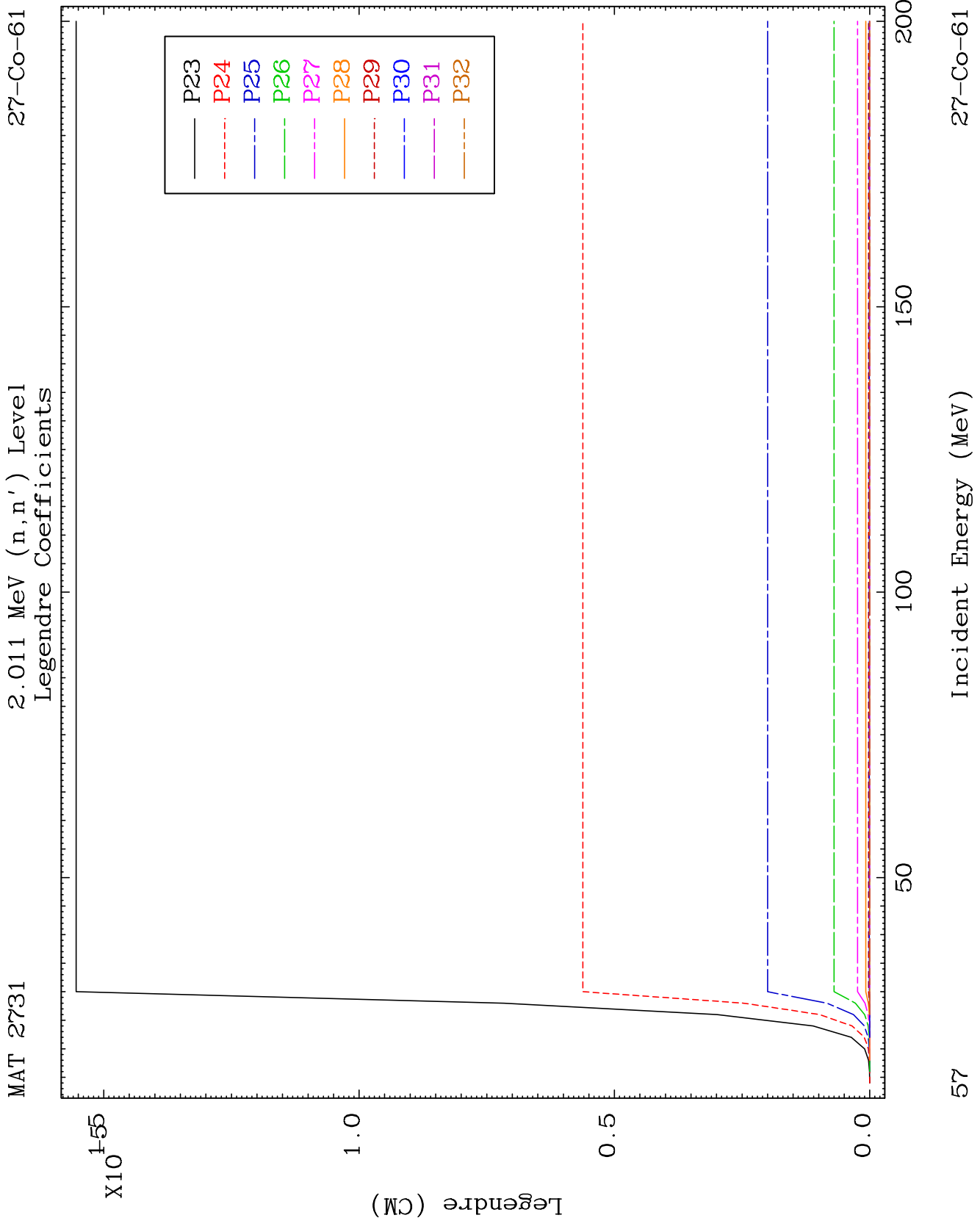


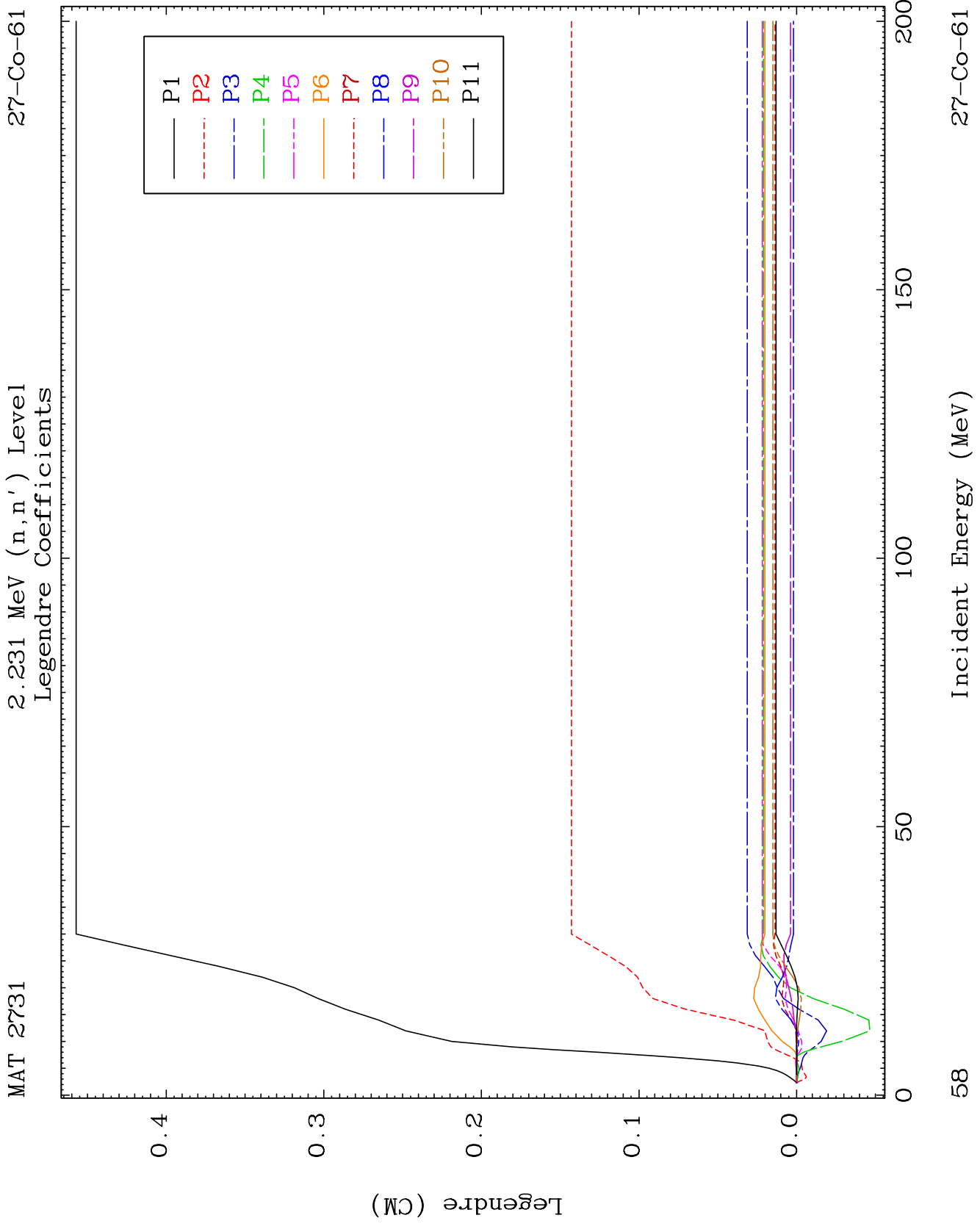


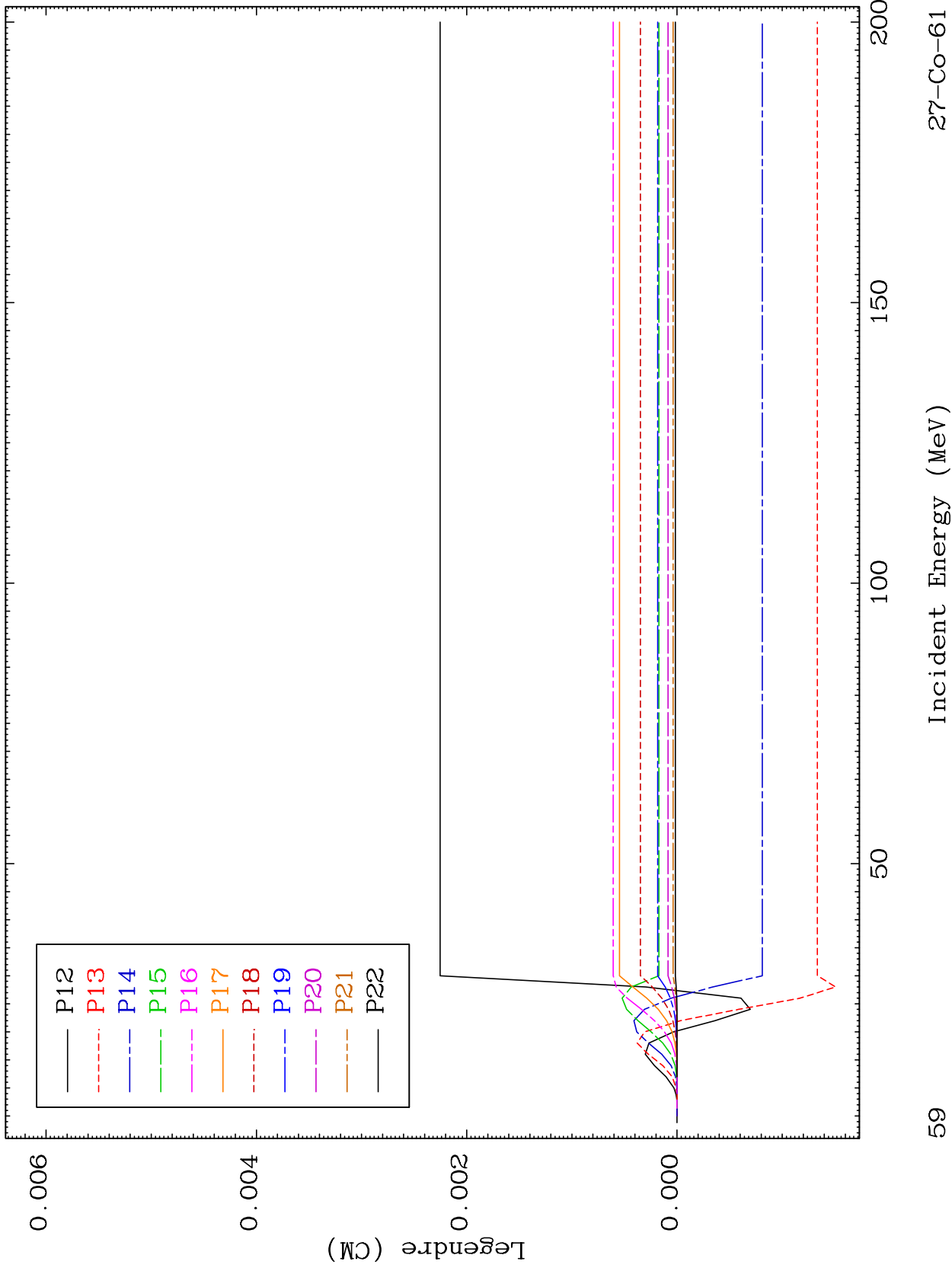


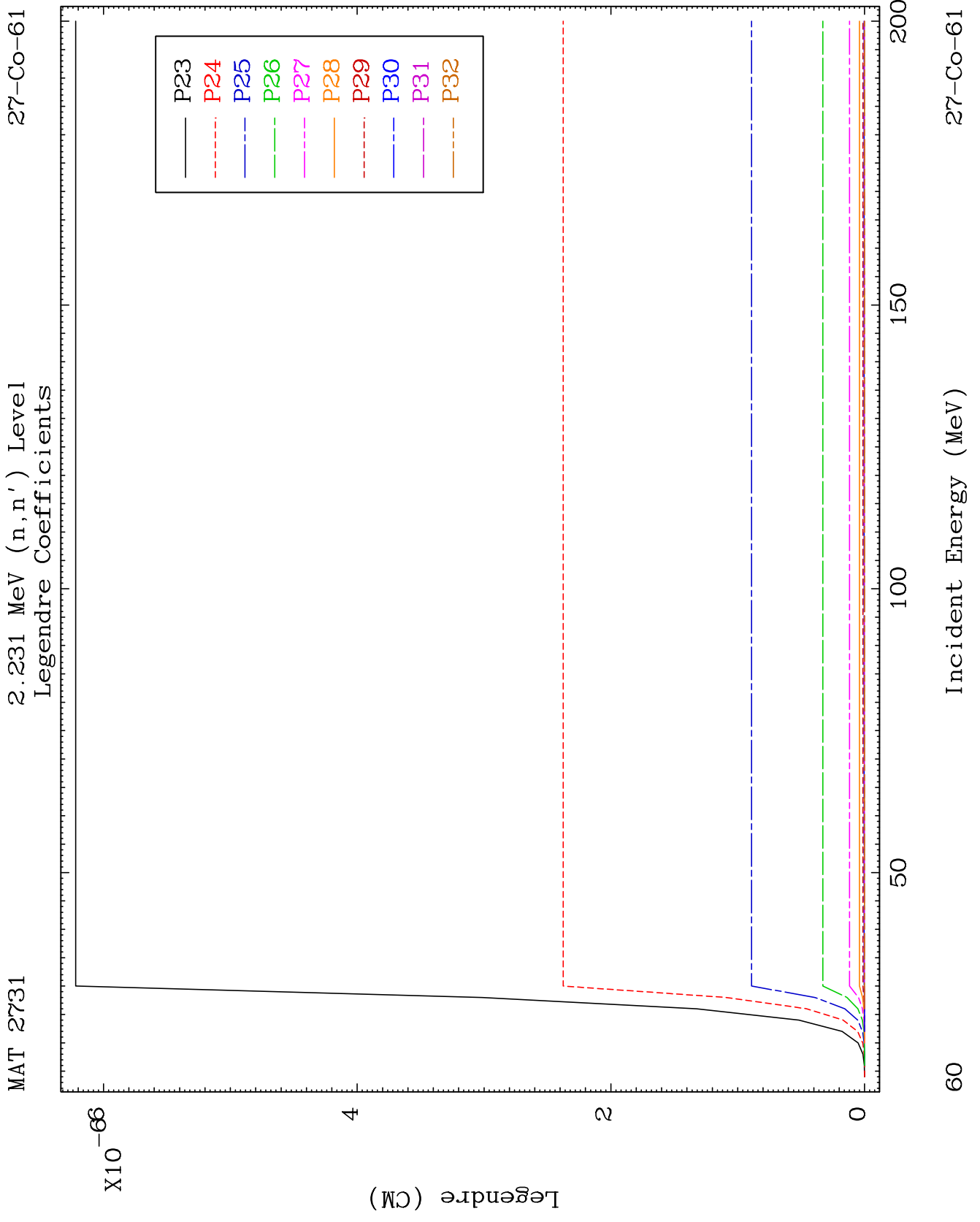










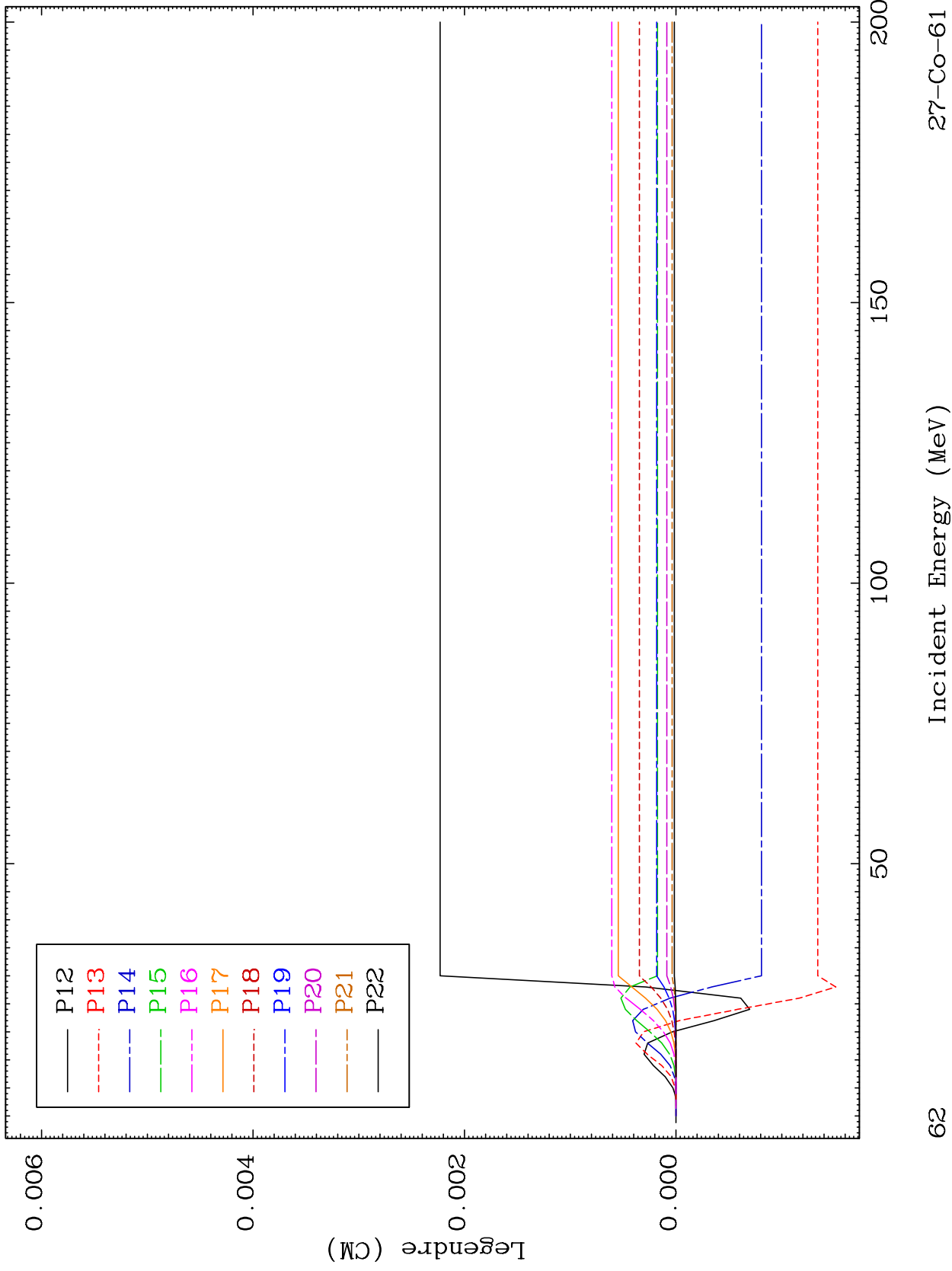




MAT 2731

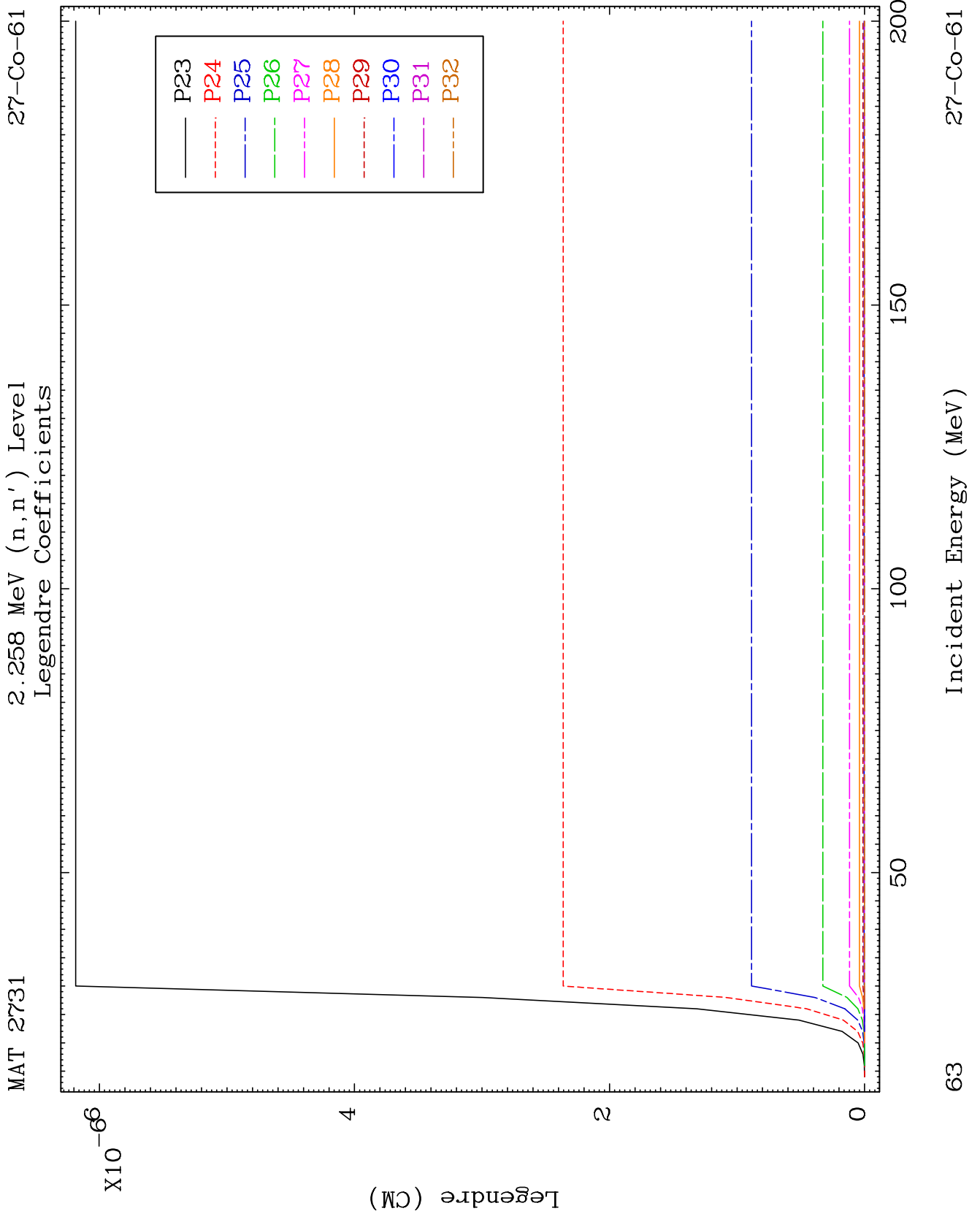
2.258 MeV (n,n') Level  
Legendre Coefficients

27-Co-61

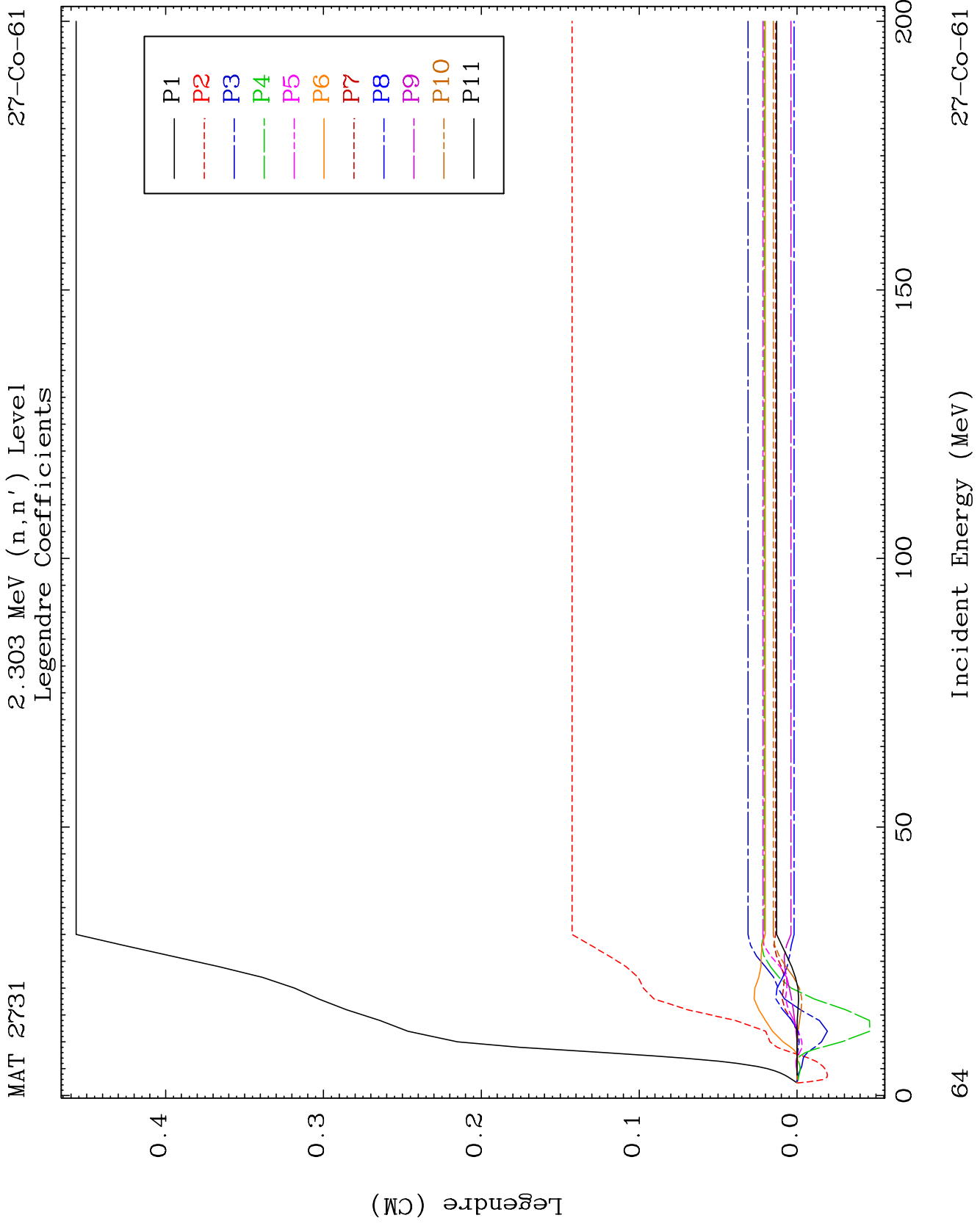


62

27-Co-61



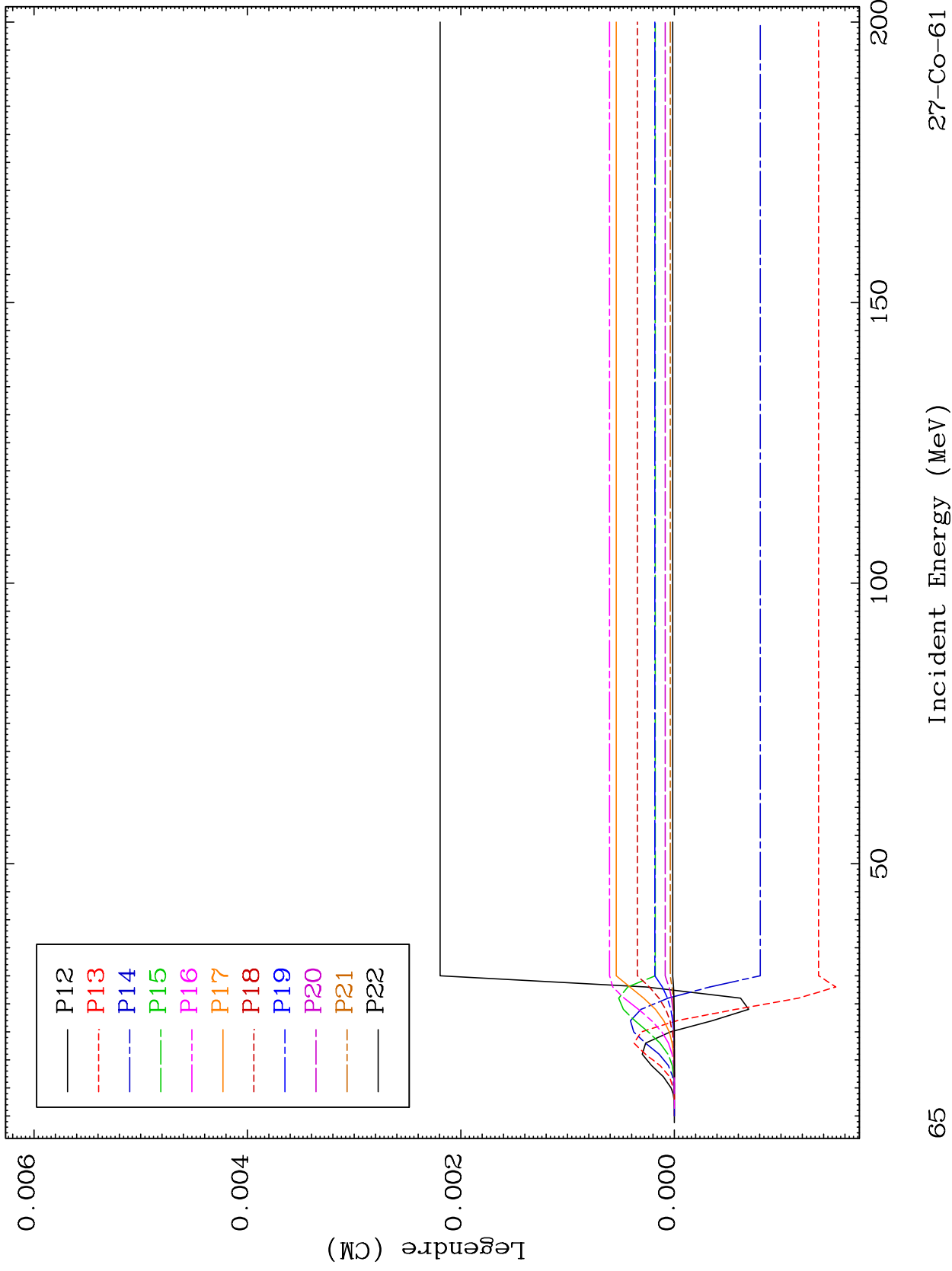




MAT 2731

2.303 MeV (n,n') Level  
Legendre Coefficients

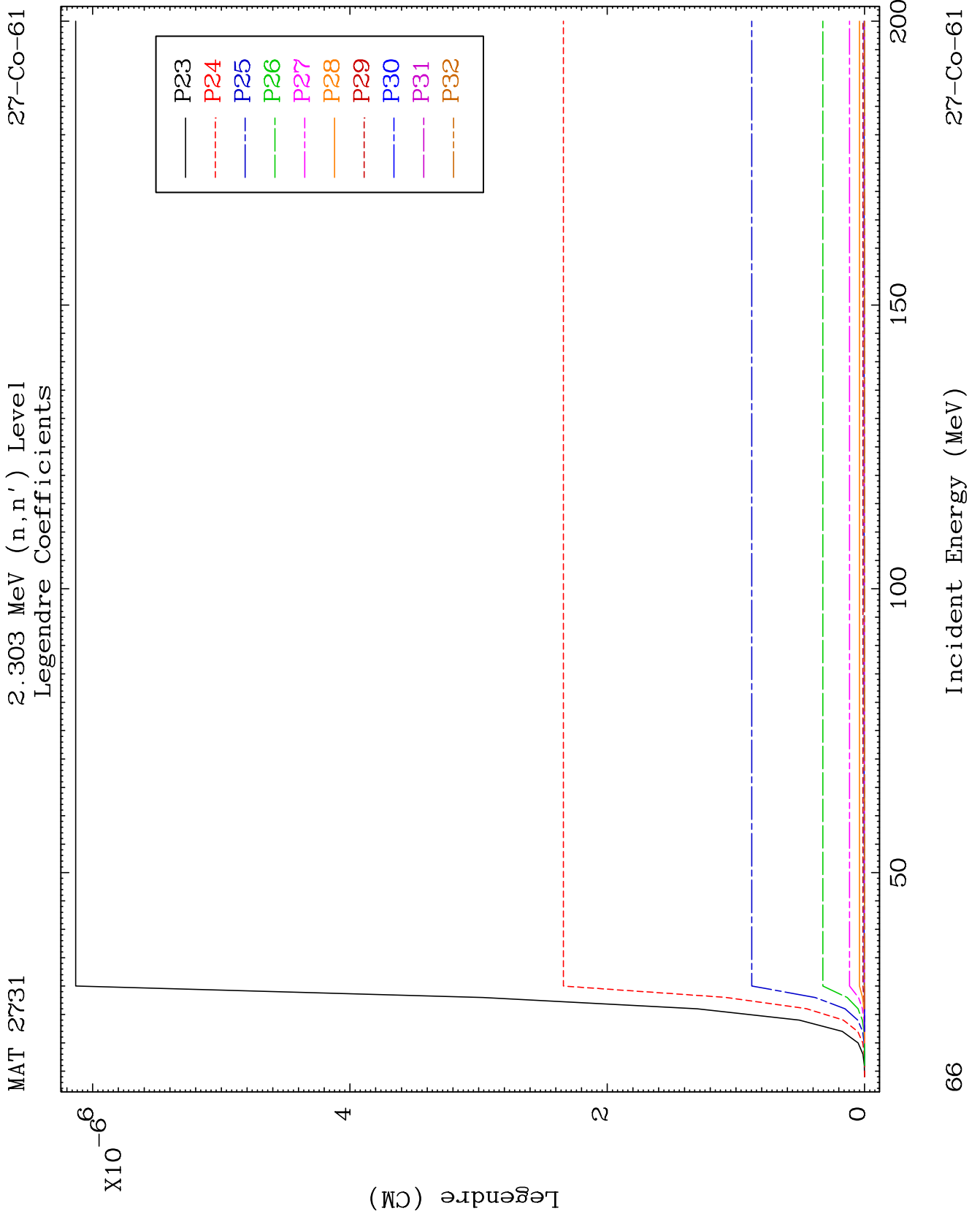
27-Co-61

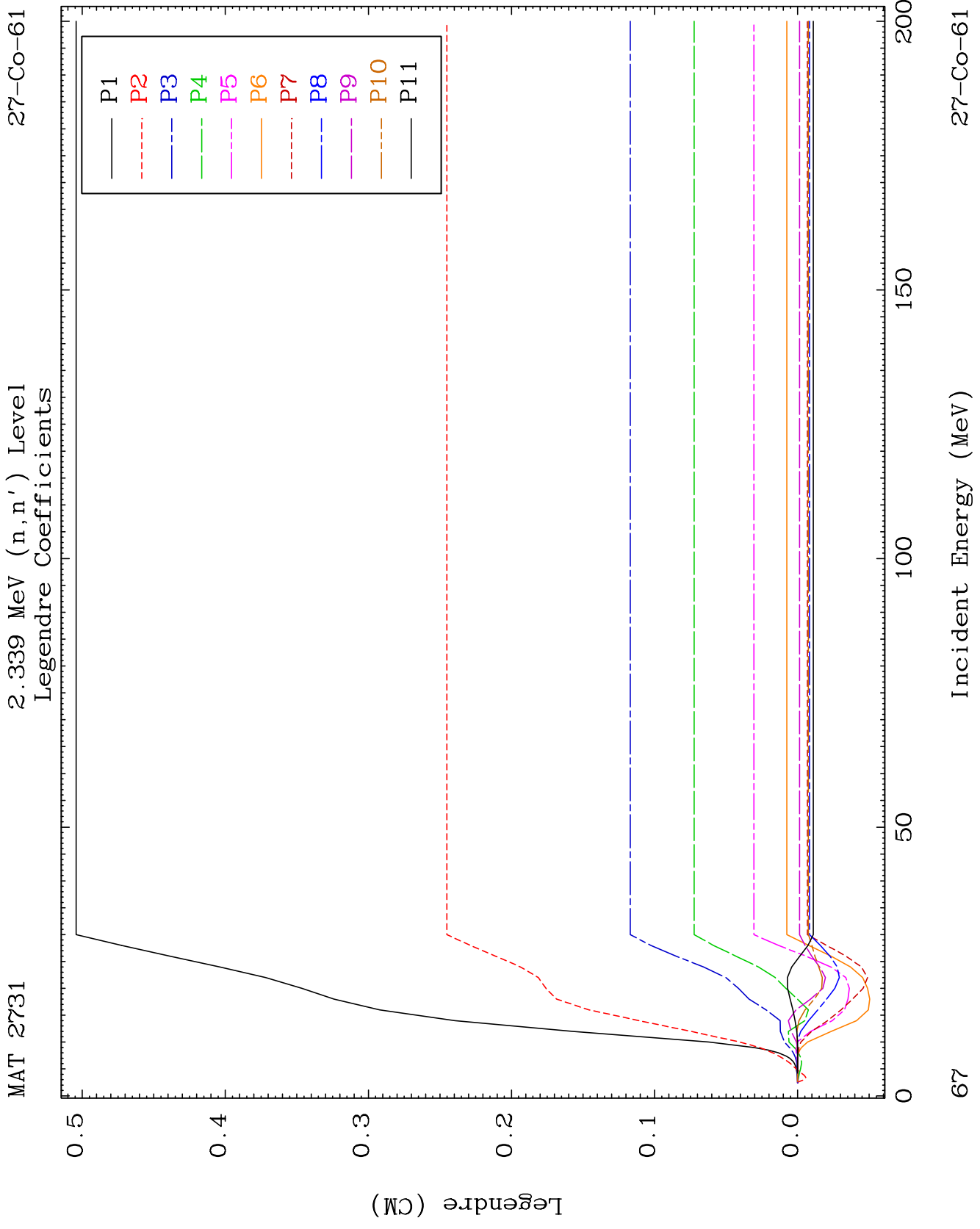


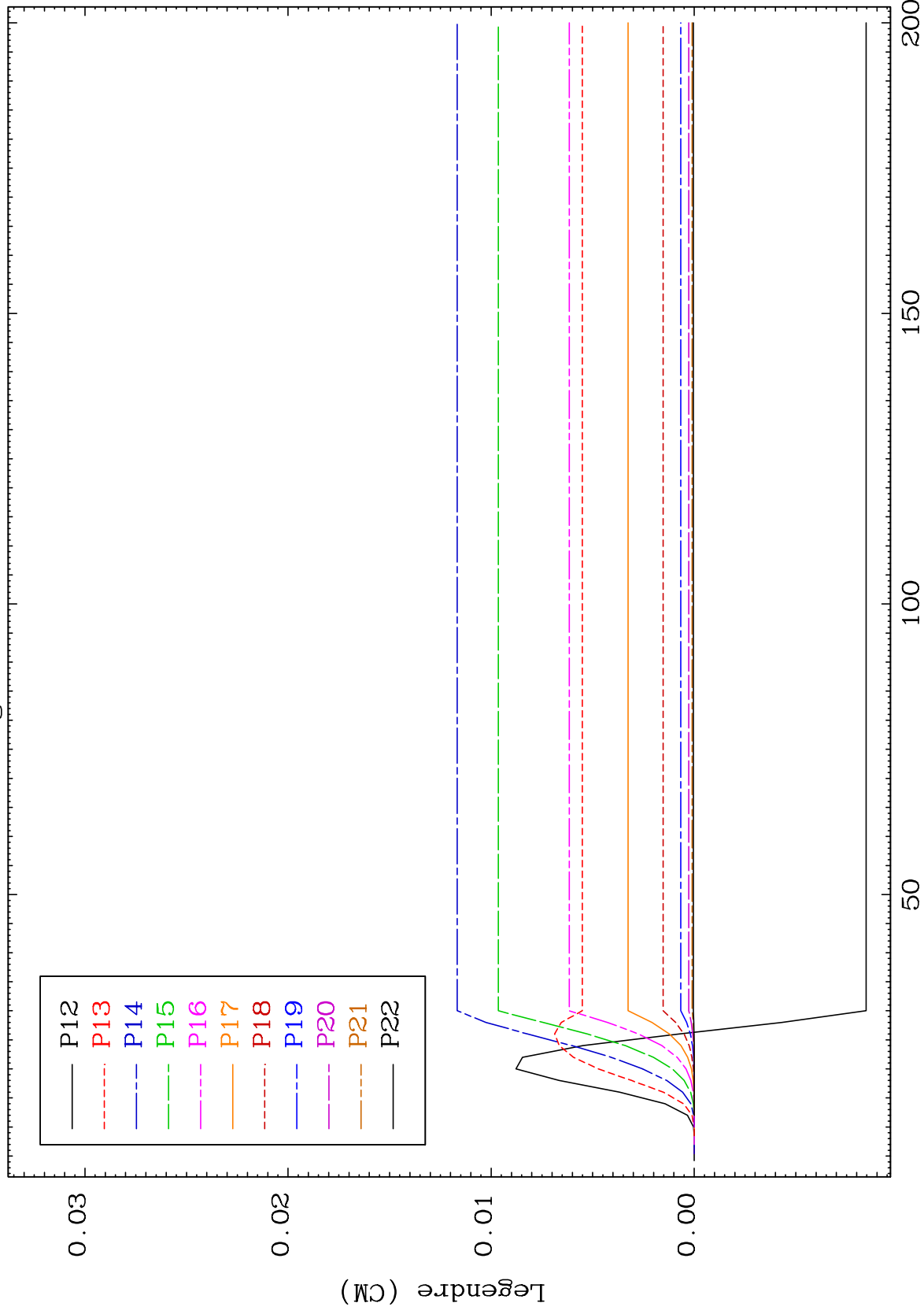
65

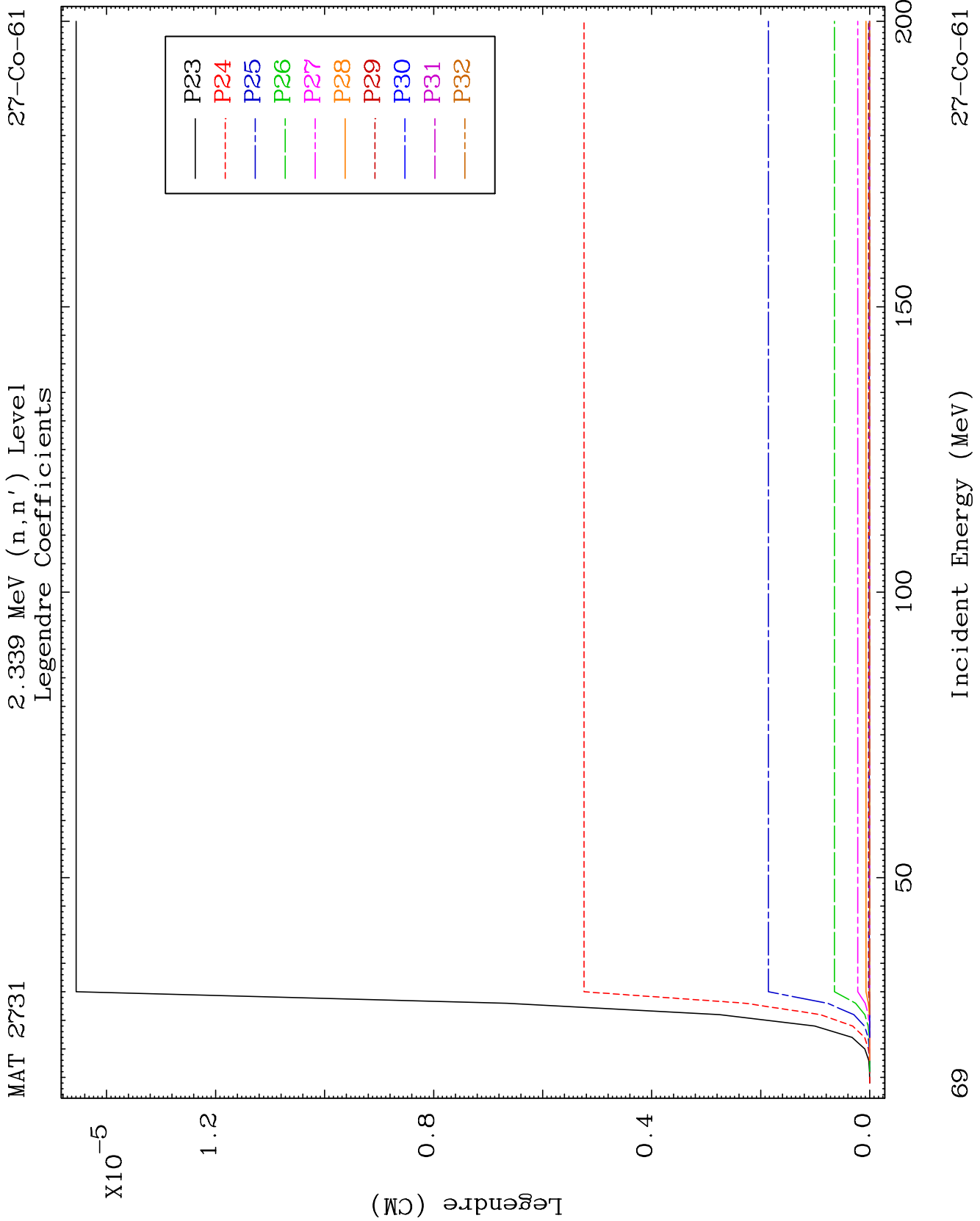
Incident Energy (MeV)

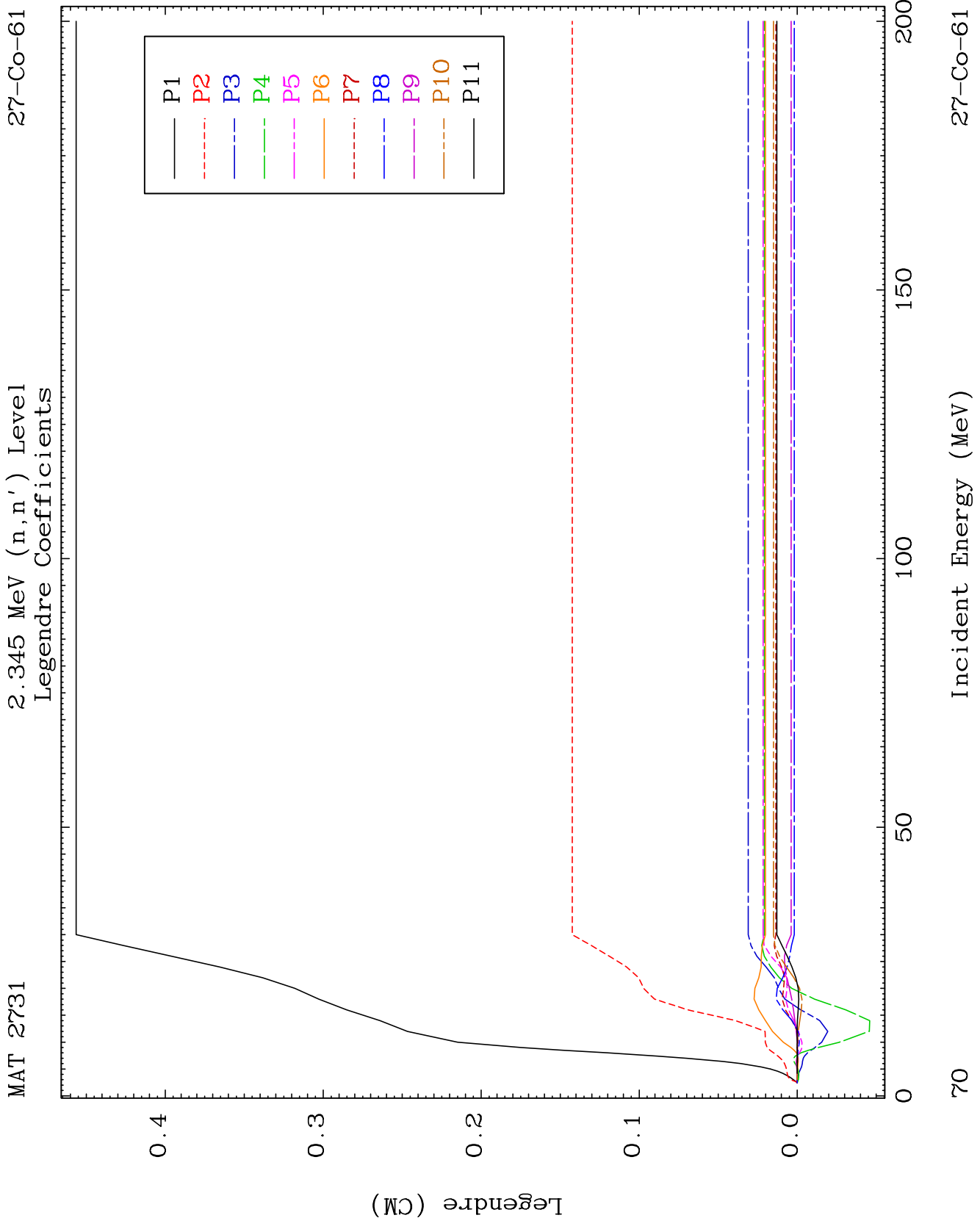
27-Co-61







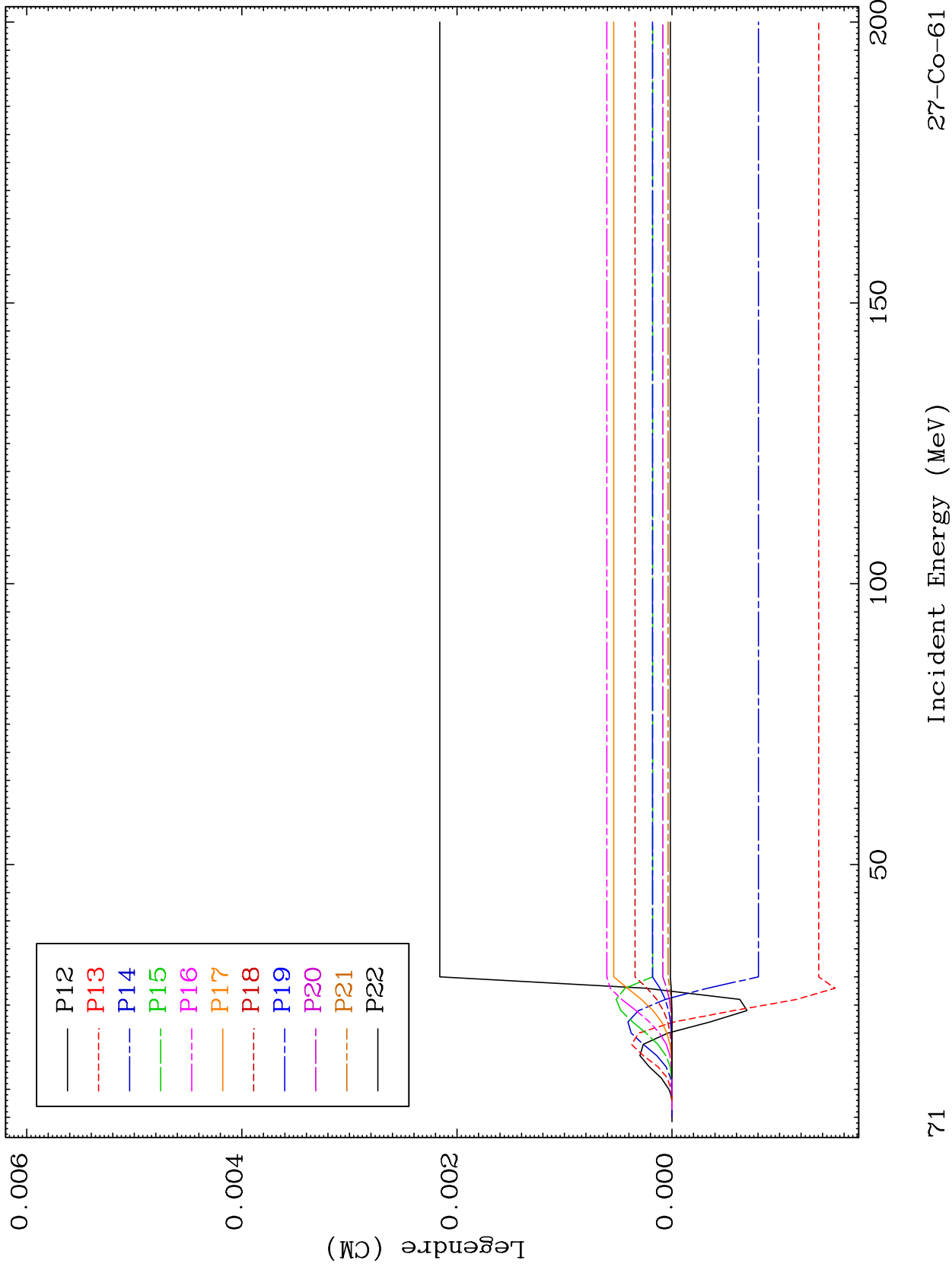




MAT 2731

2.345 MeV (n,n') Level  
Legendre Coefficients

27-Co-61

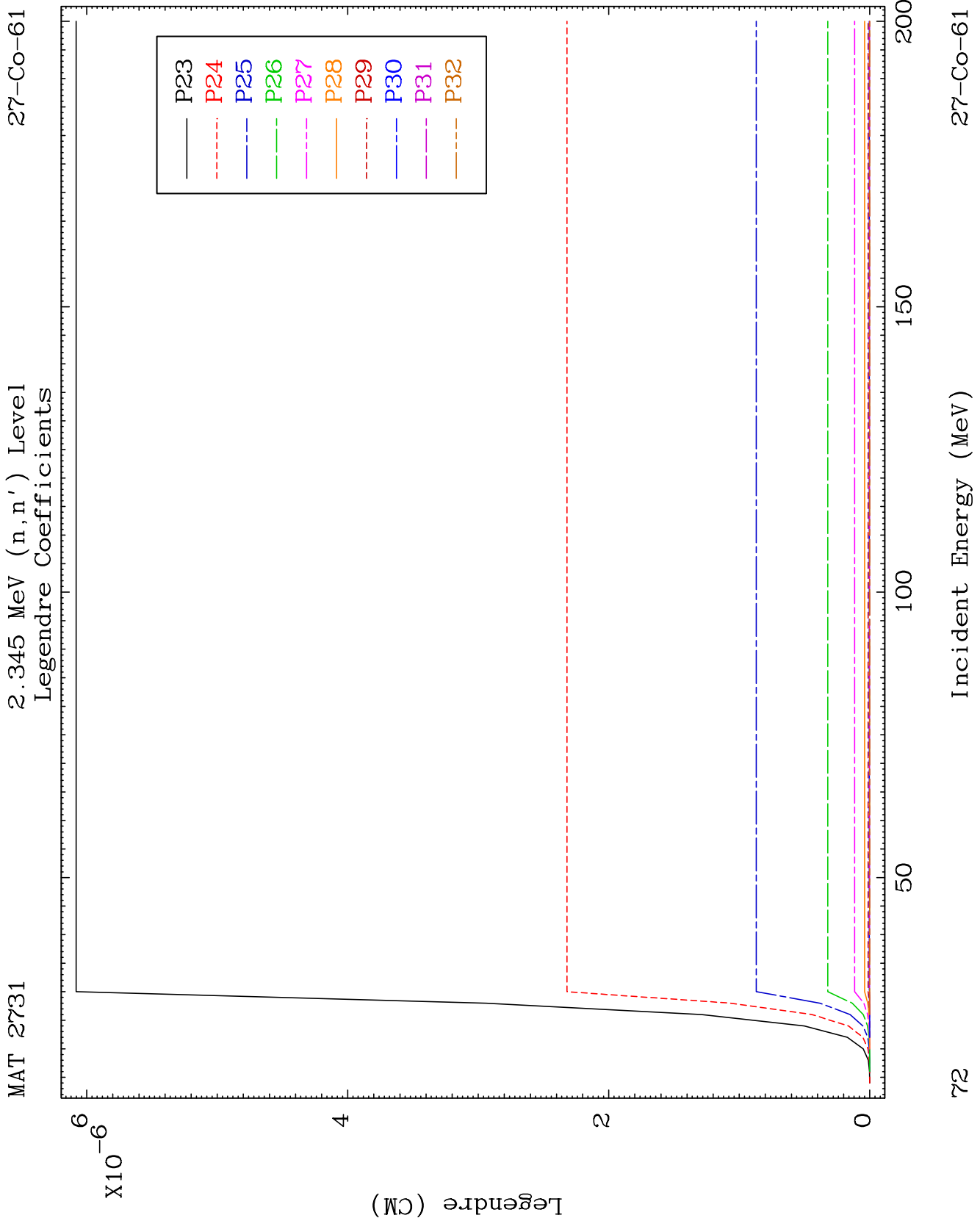


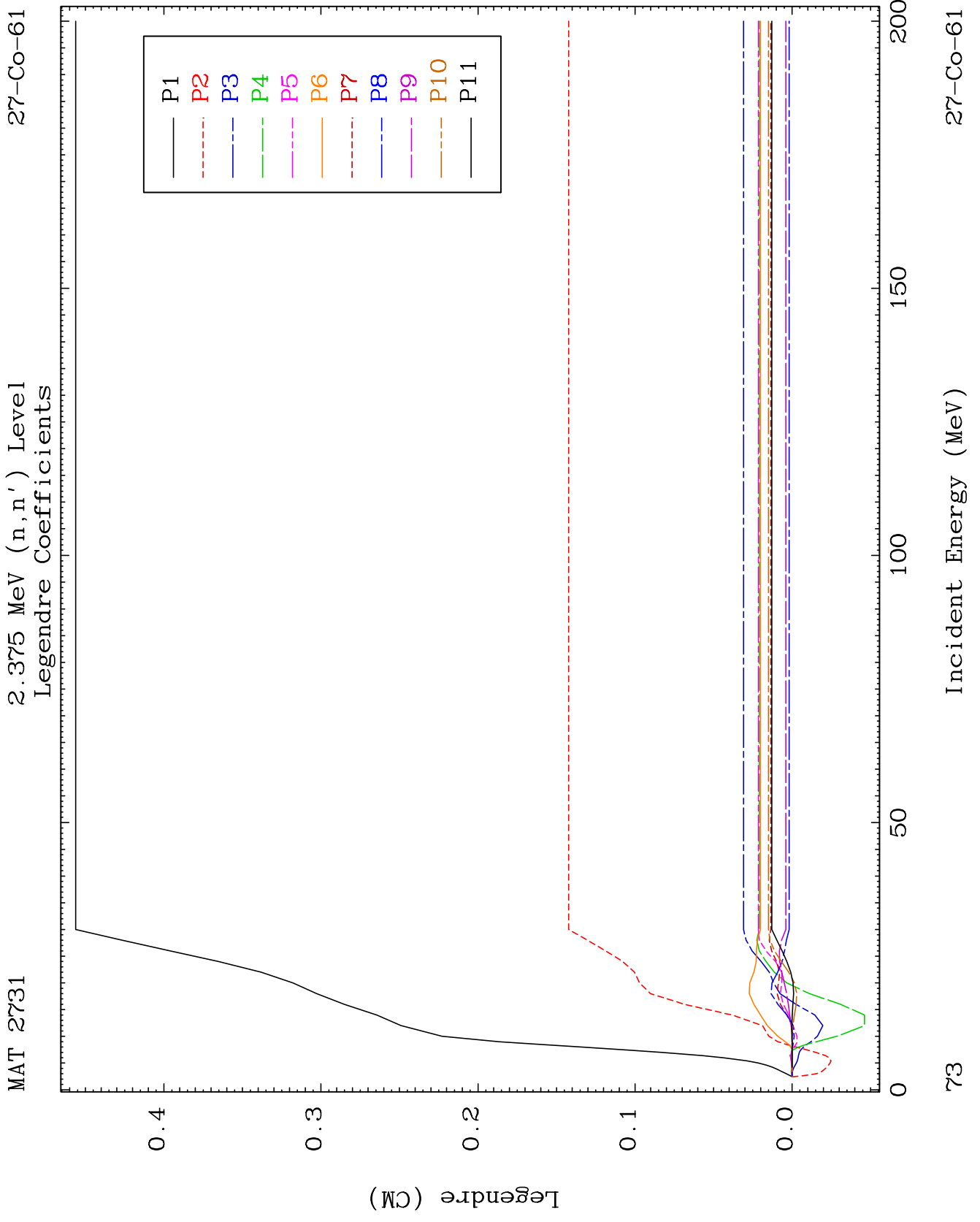
71

Incident Energy (MeV)

27-Co-61



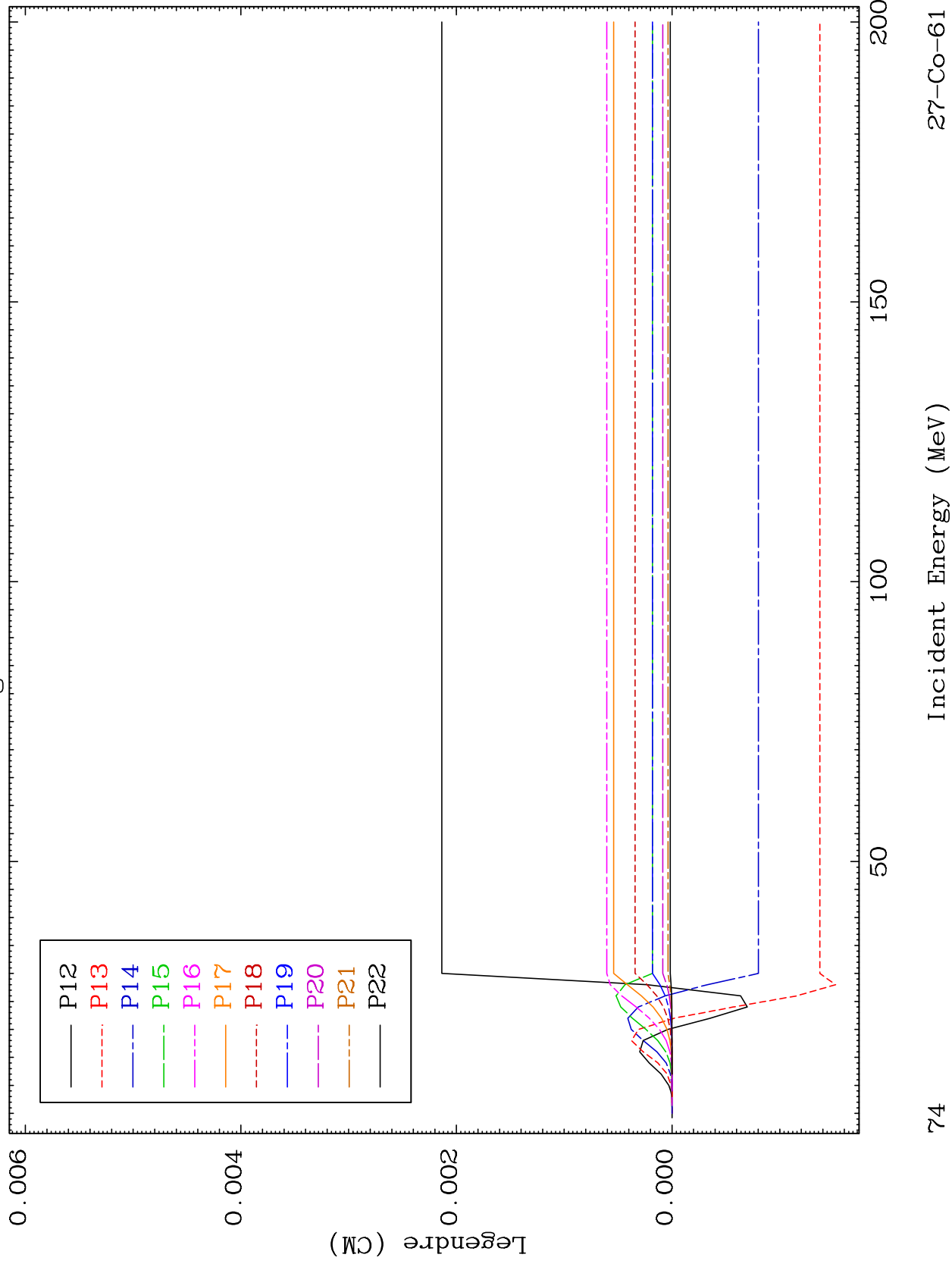




MAT 2731

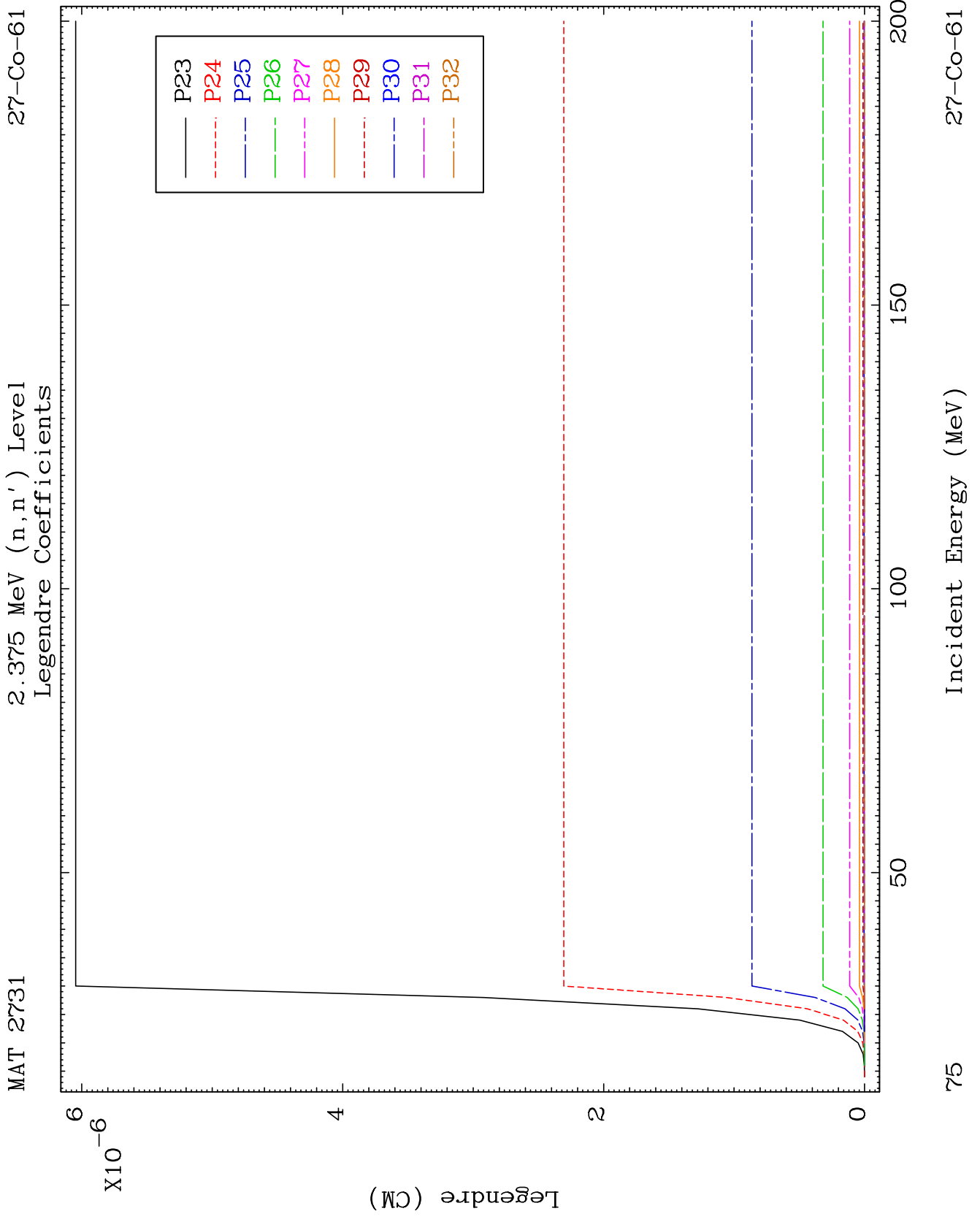
2.375 MeV (n,n') Level  
Legendre Coefficients

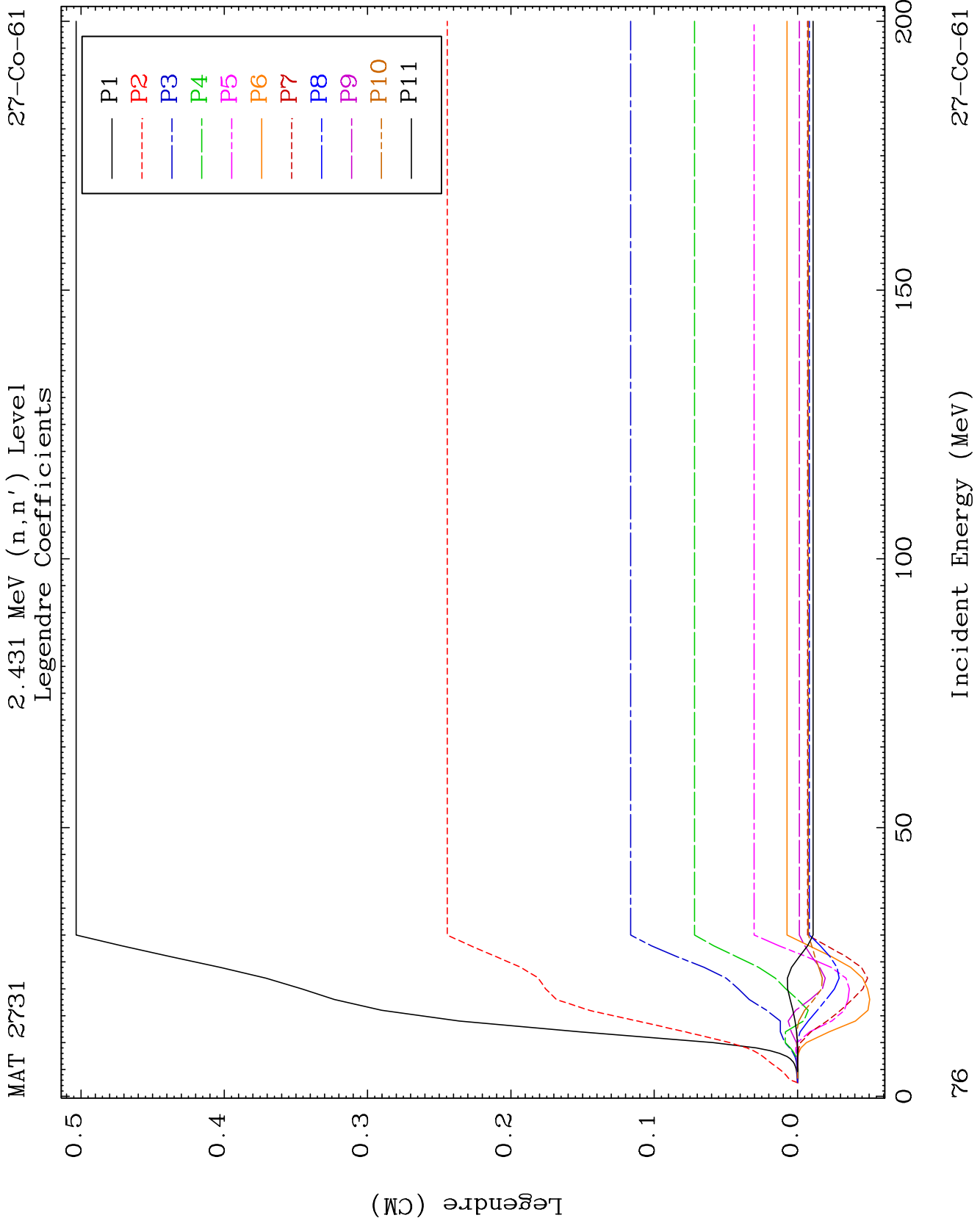
27-Co-61

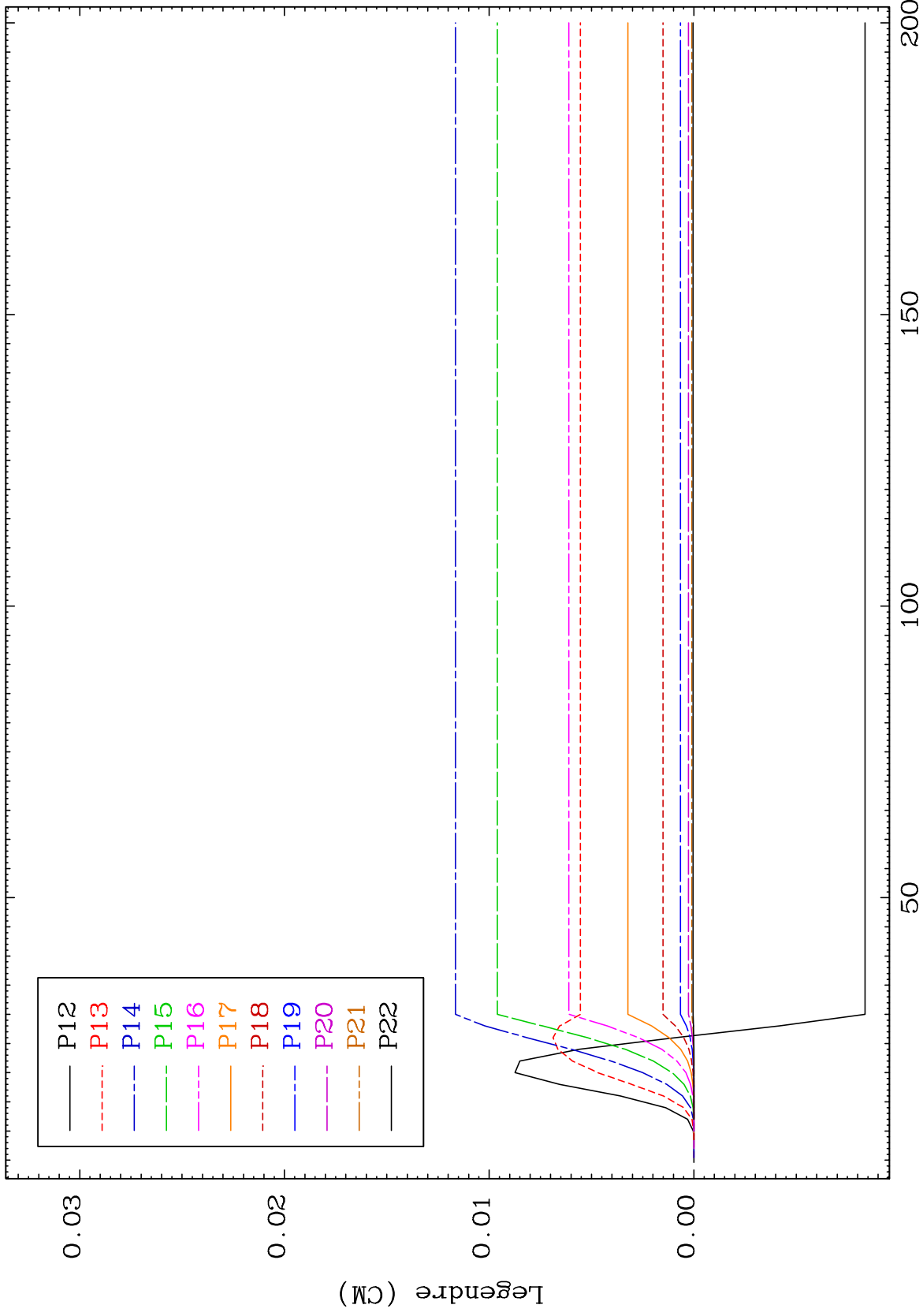


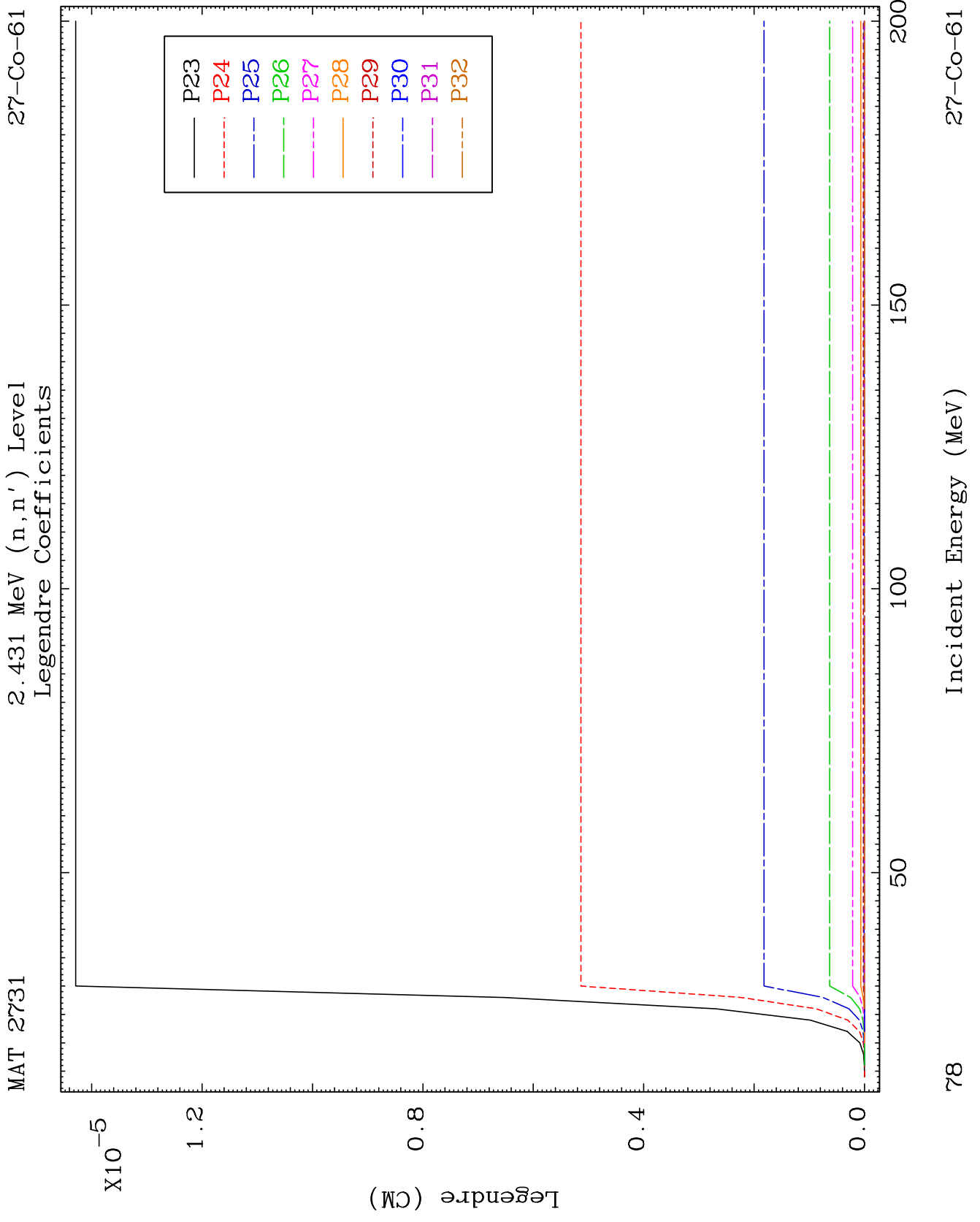
74

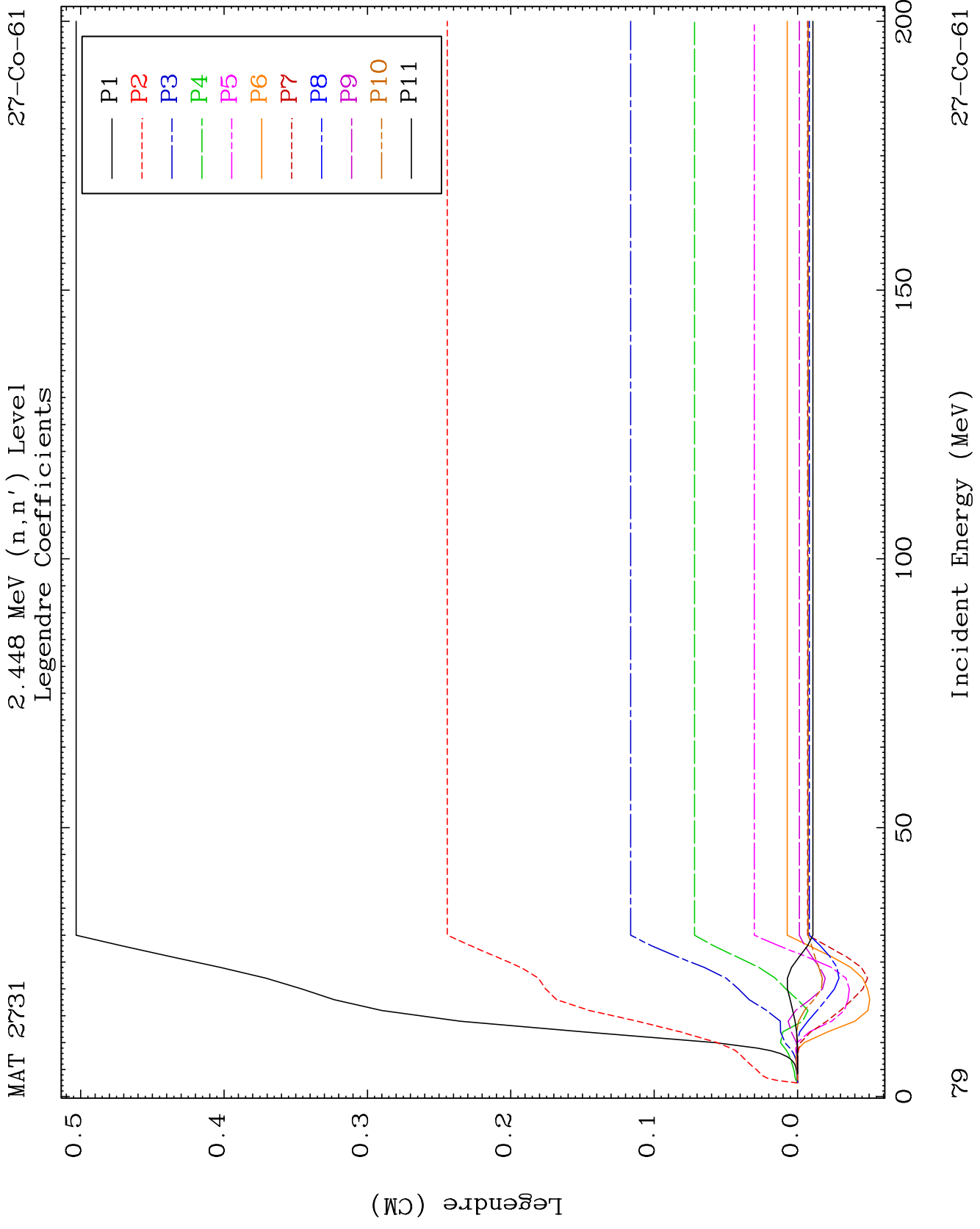
27-Co-61









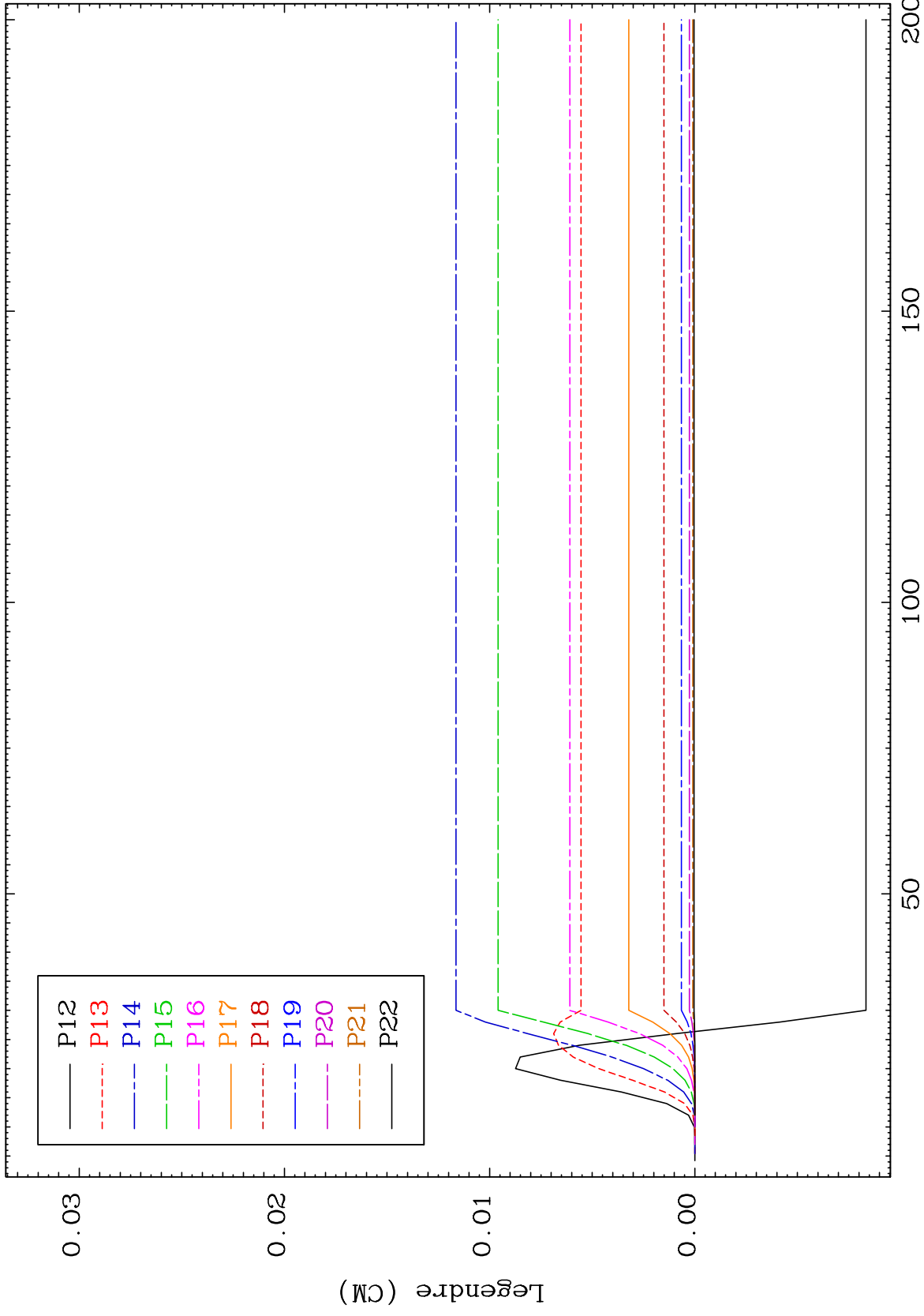




MAT 2731

2.448 MeV (n,n') Level  
Legendre Coefficients

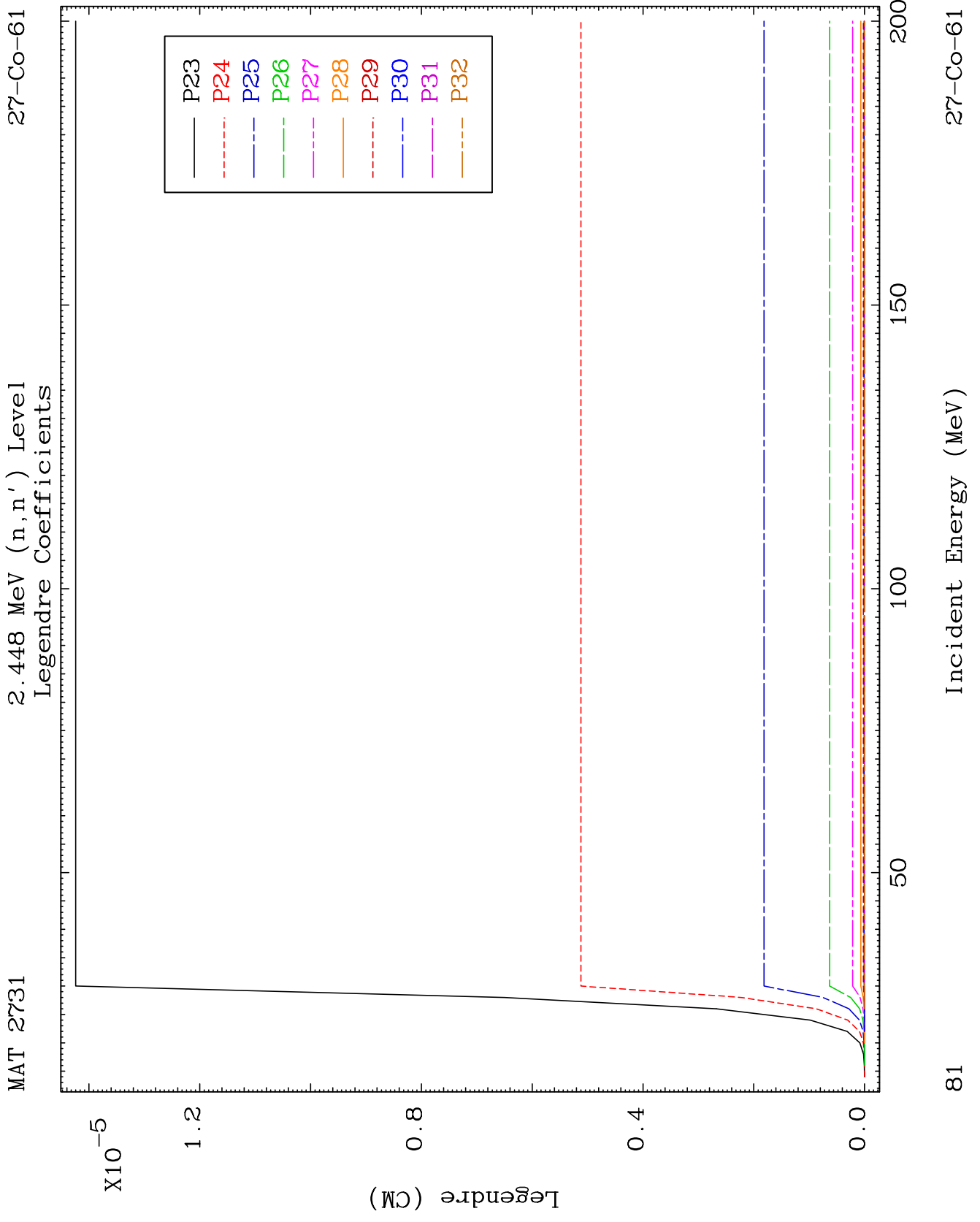
27-Co-61

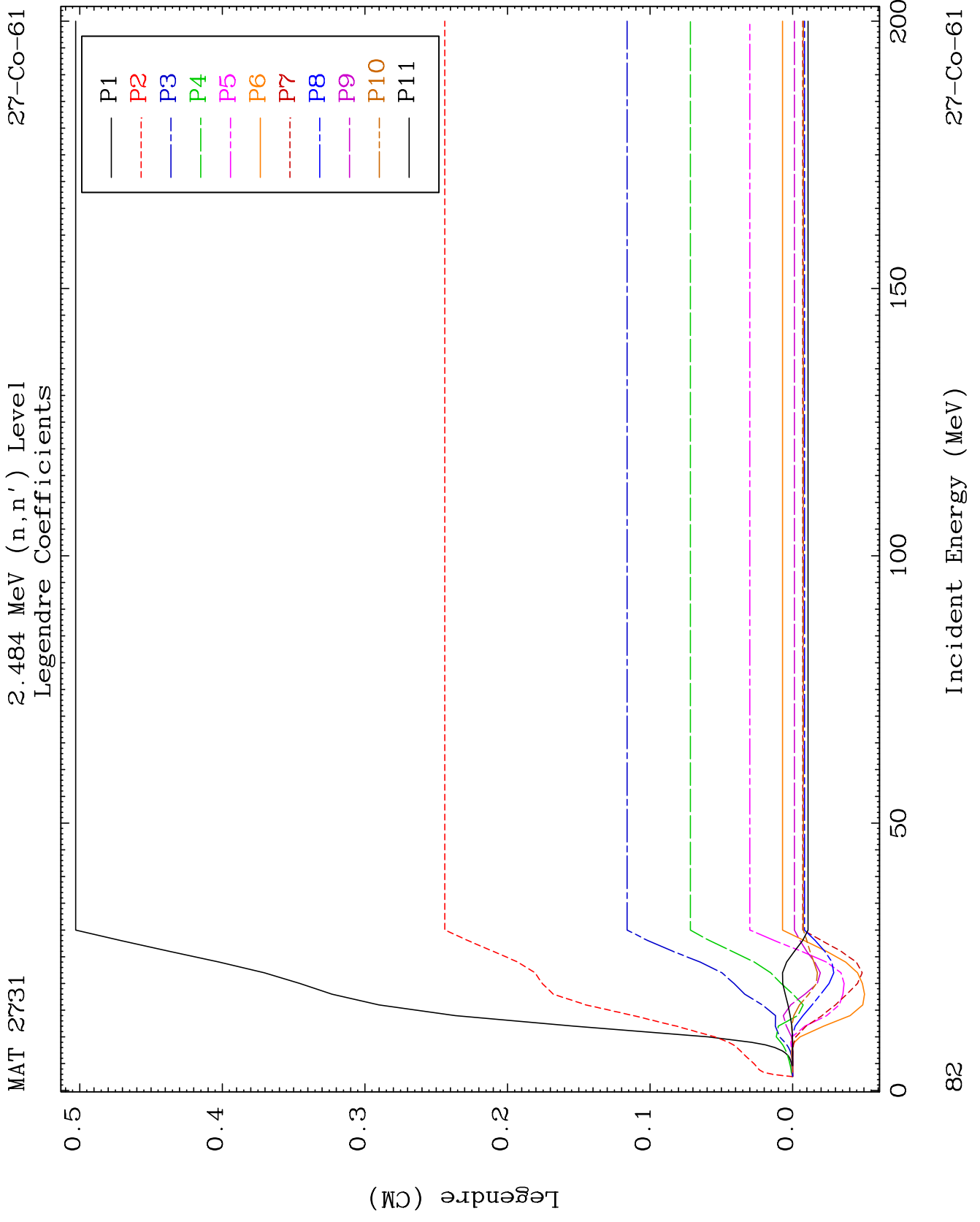


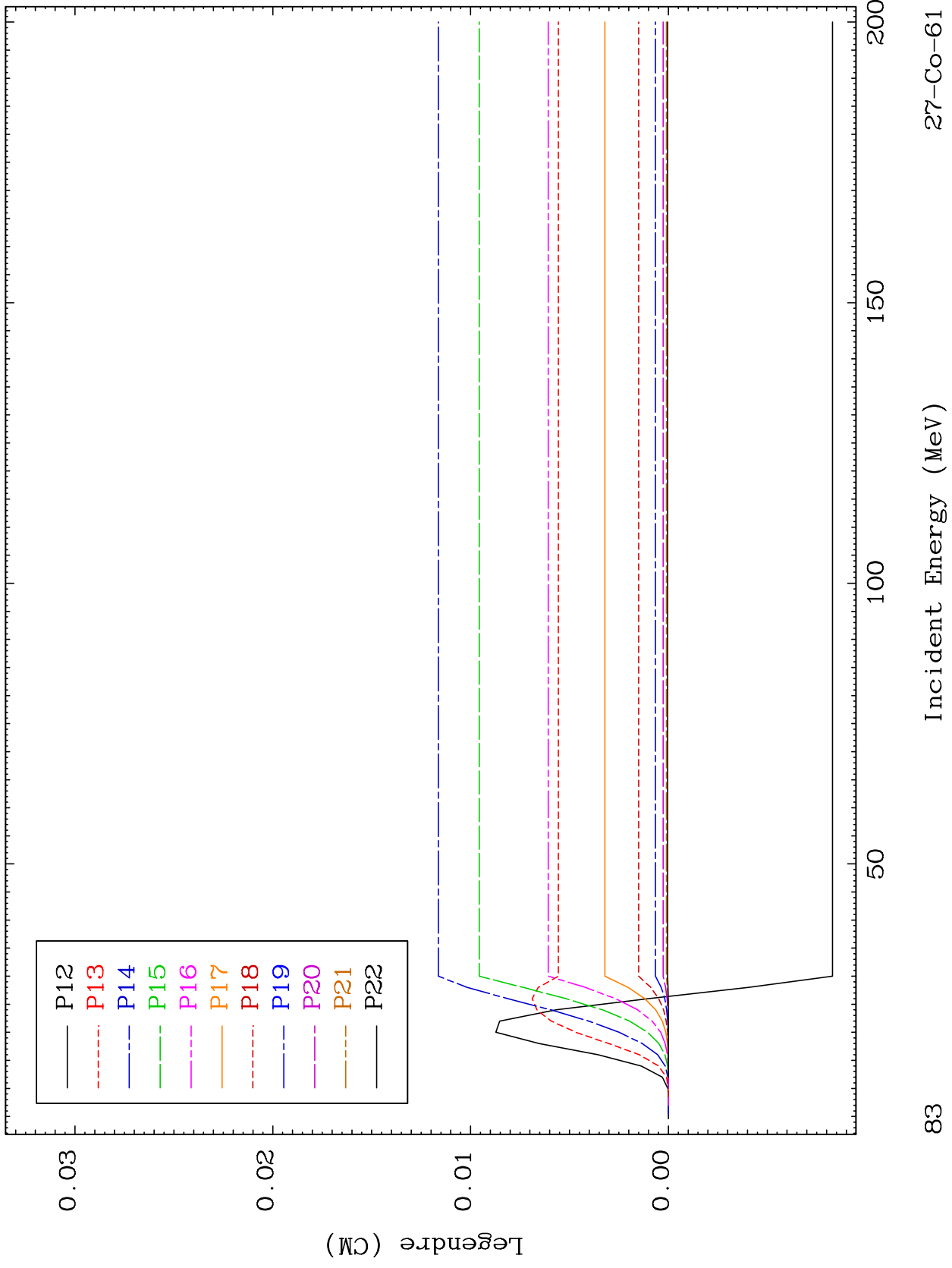
80

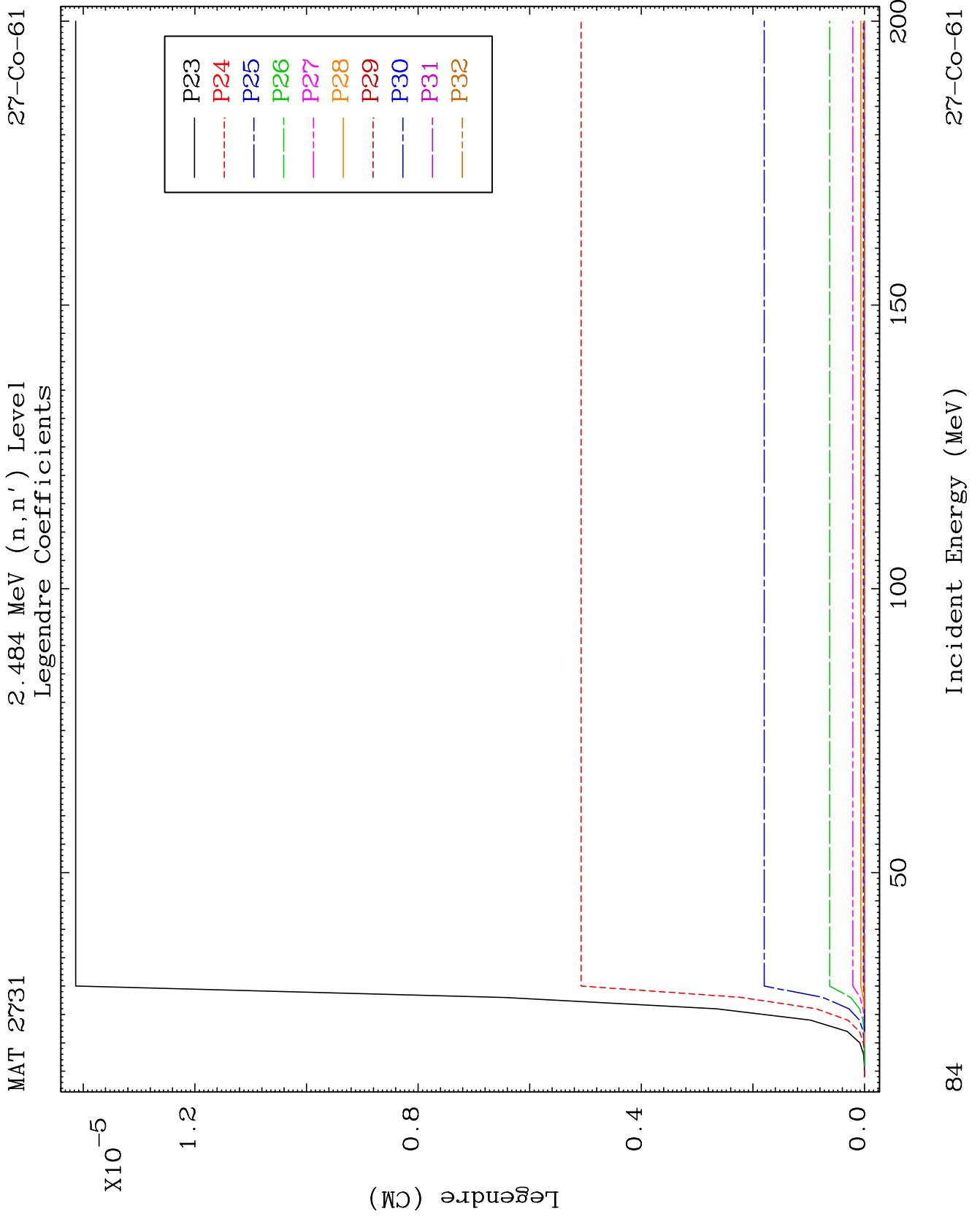
Incident Energy (MeV)

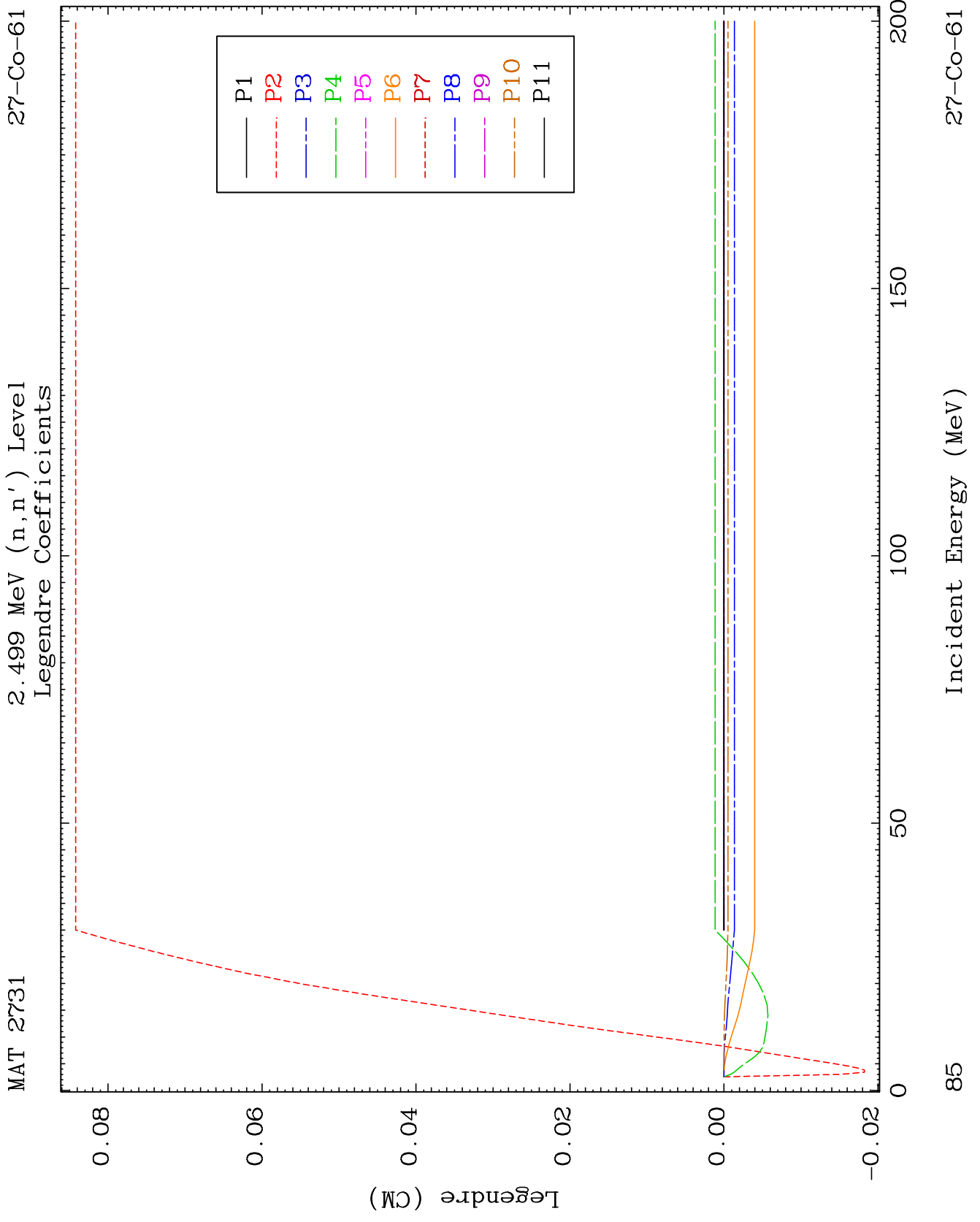
27-Co-61

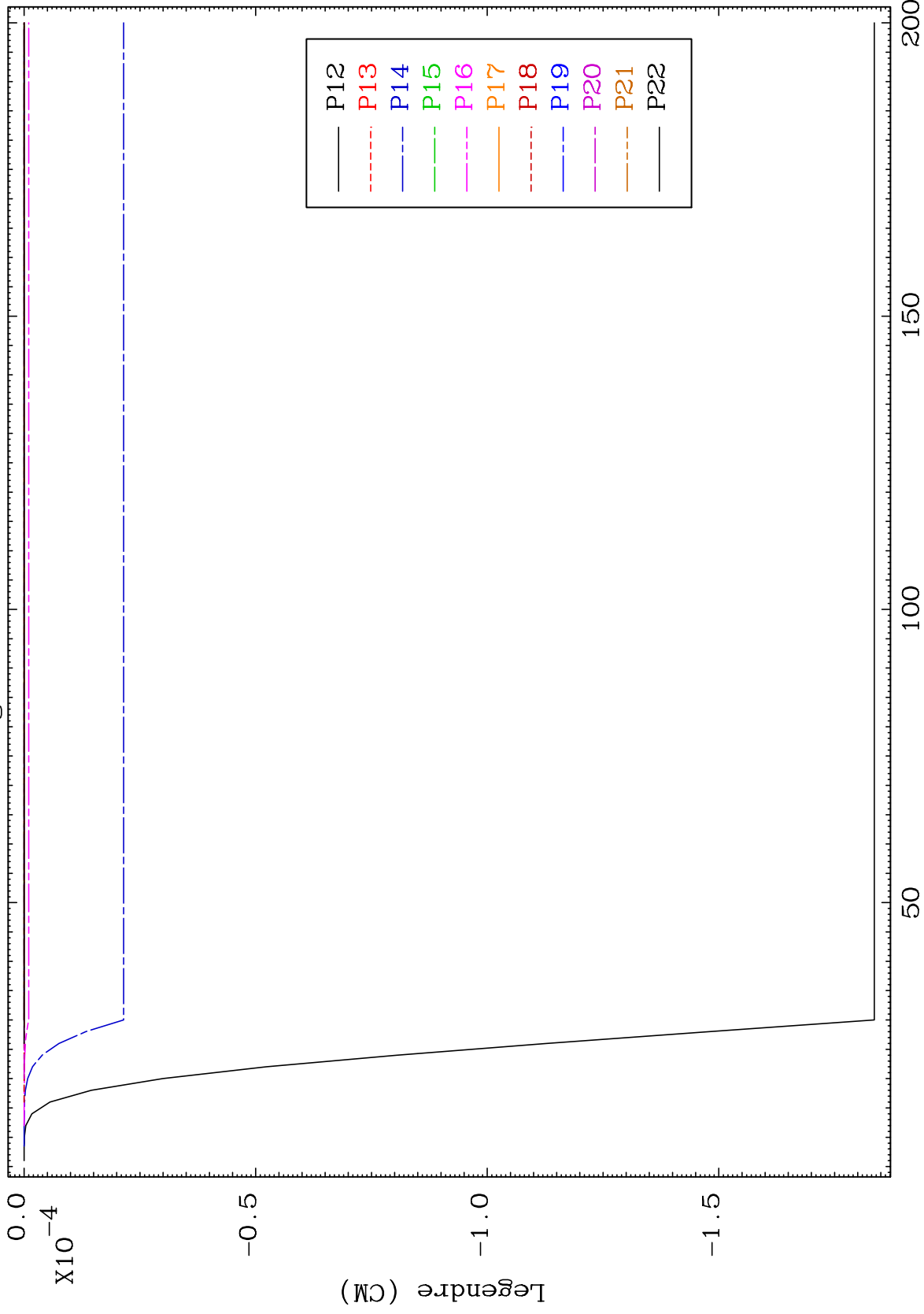








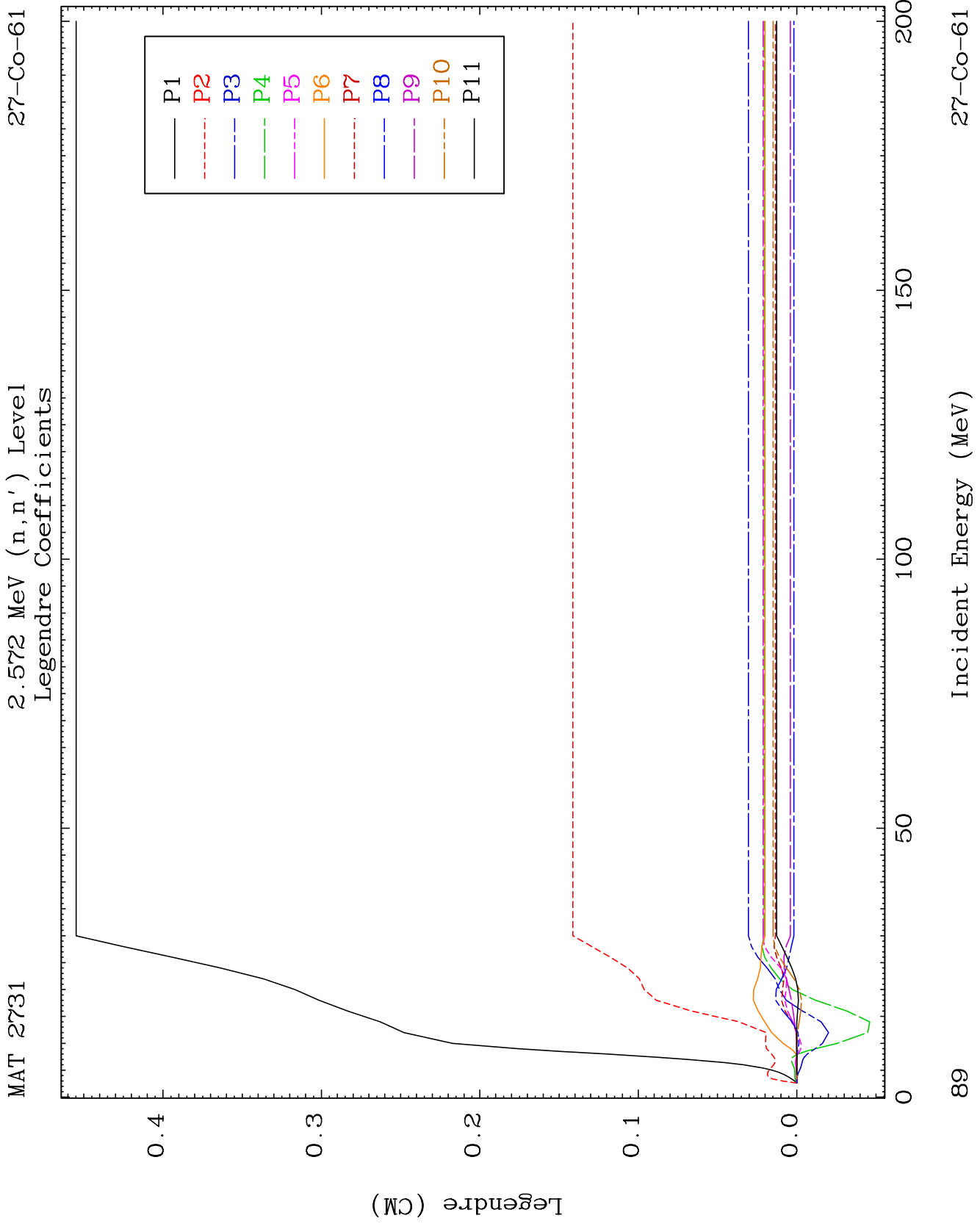








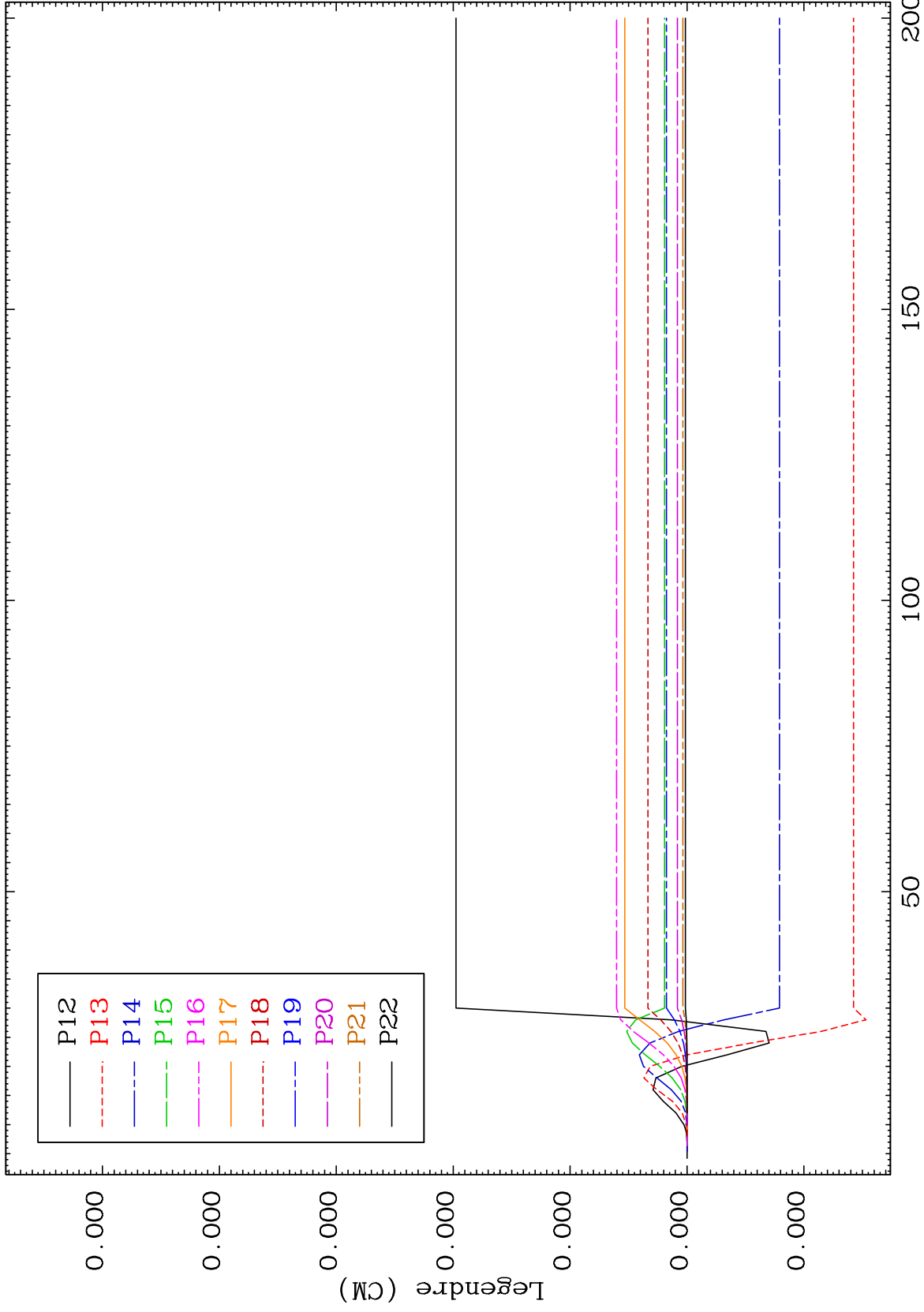




MAT 2731

2.572 MeV (n,n') Level  
Legendre Coefficients

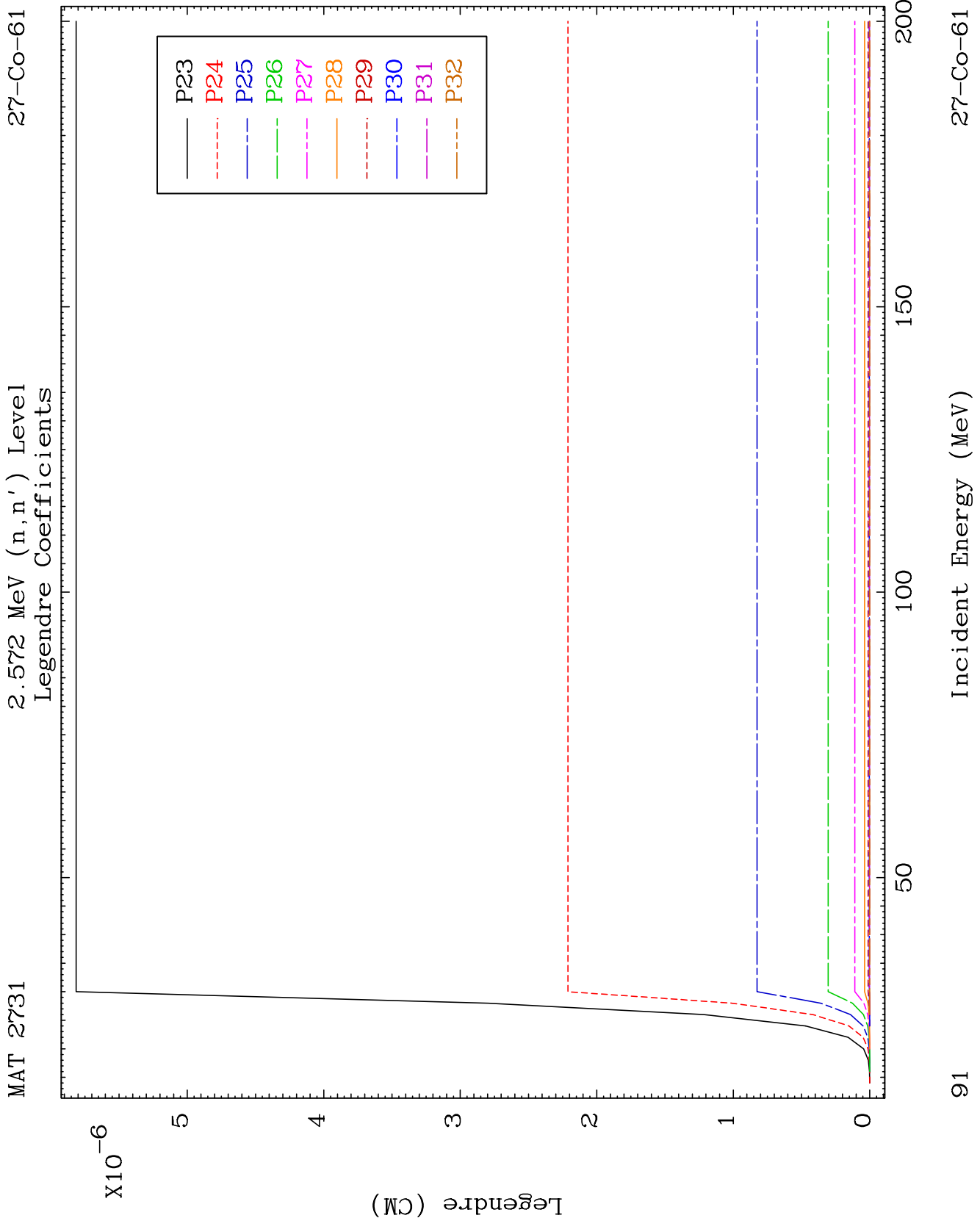
27-Co-61



90

Incident Energy (MeV)

27-Co-61

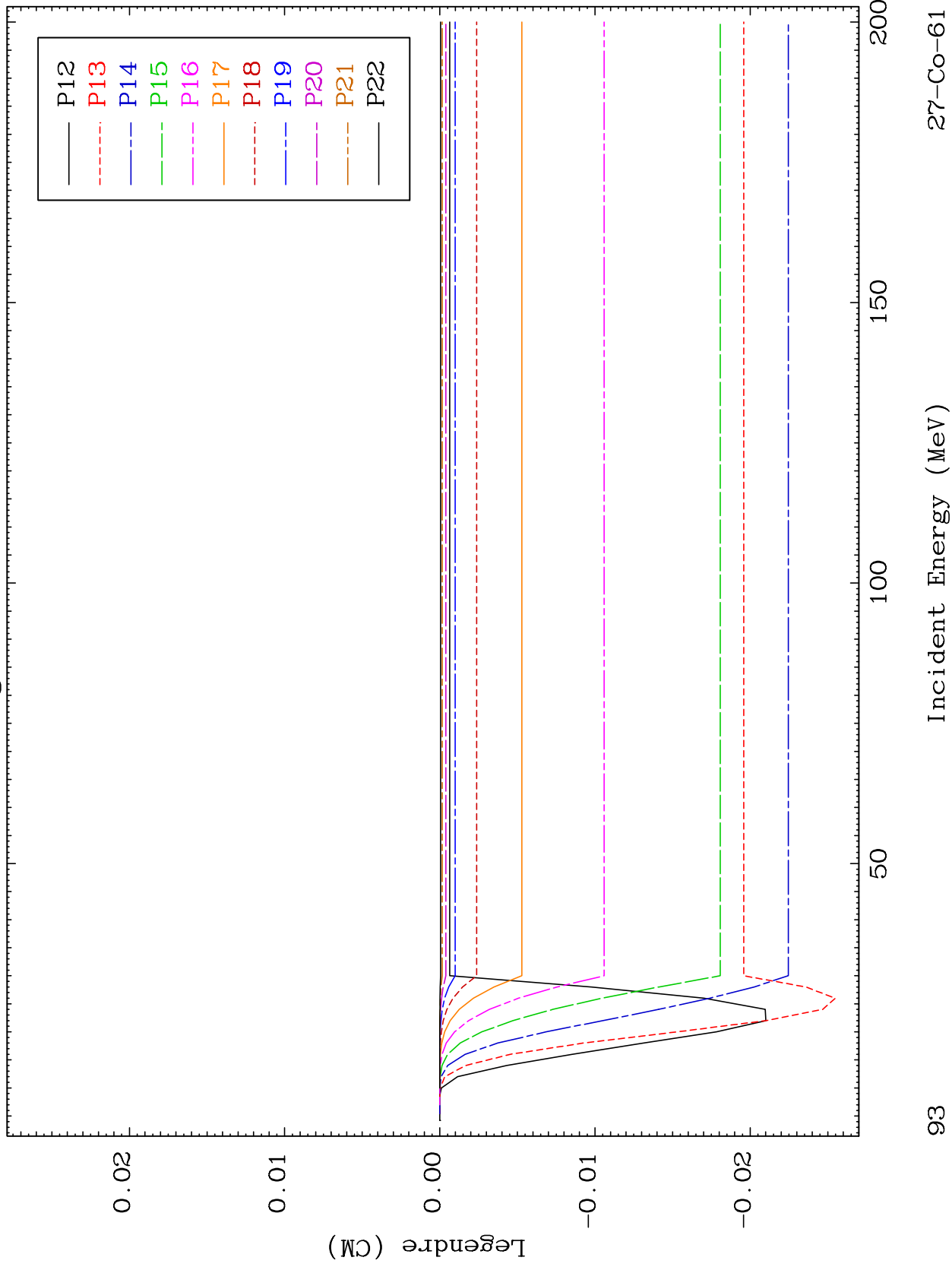




MAT 2731

2.574 MeV (n,n') Level  
Legendre Coefficients

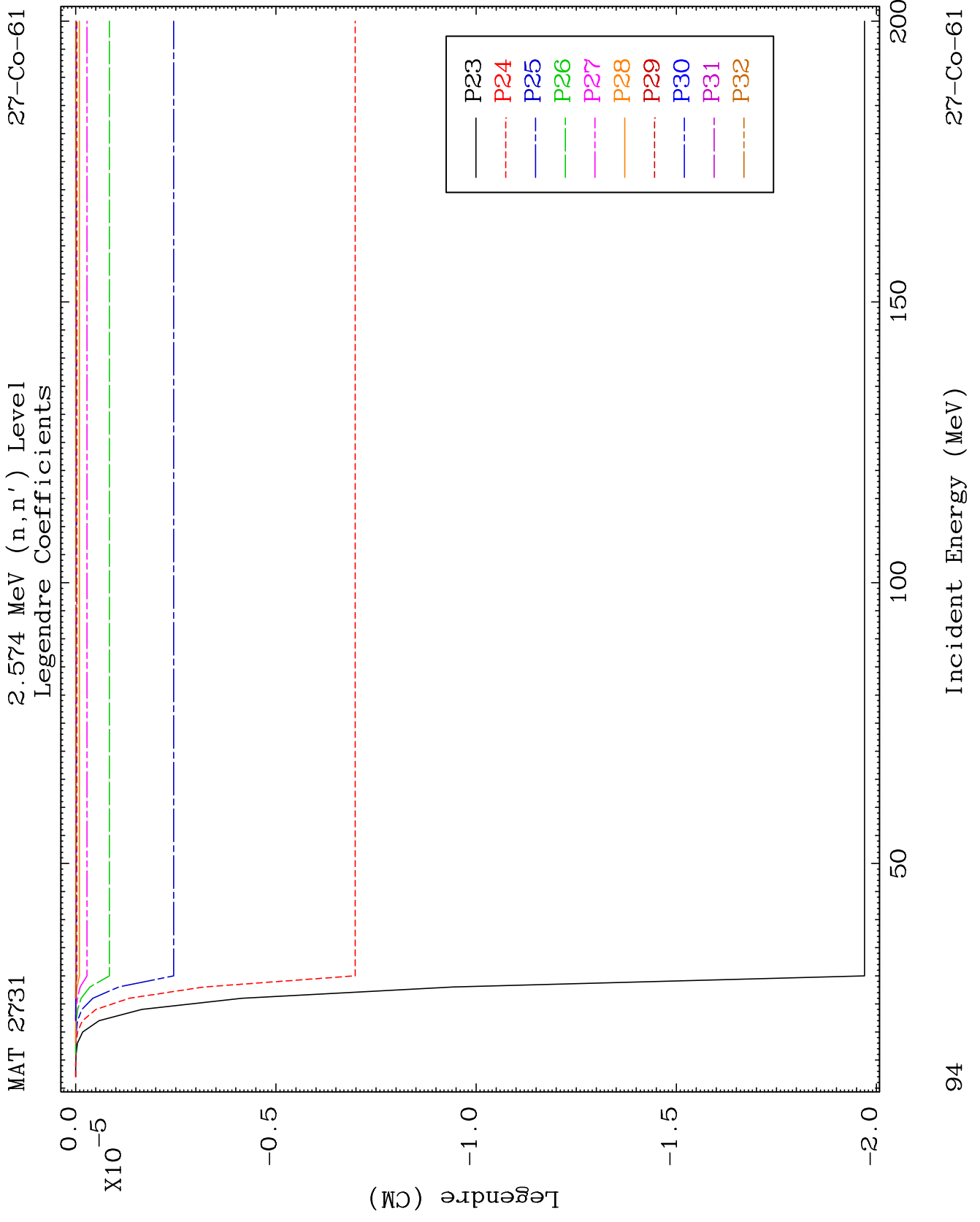
27-Co-61

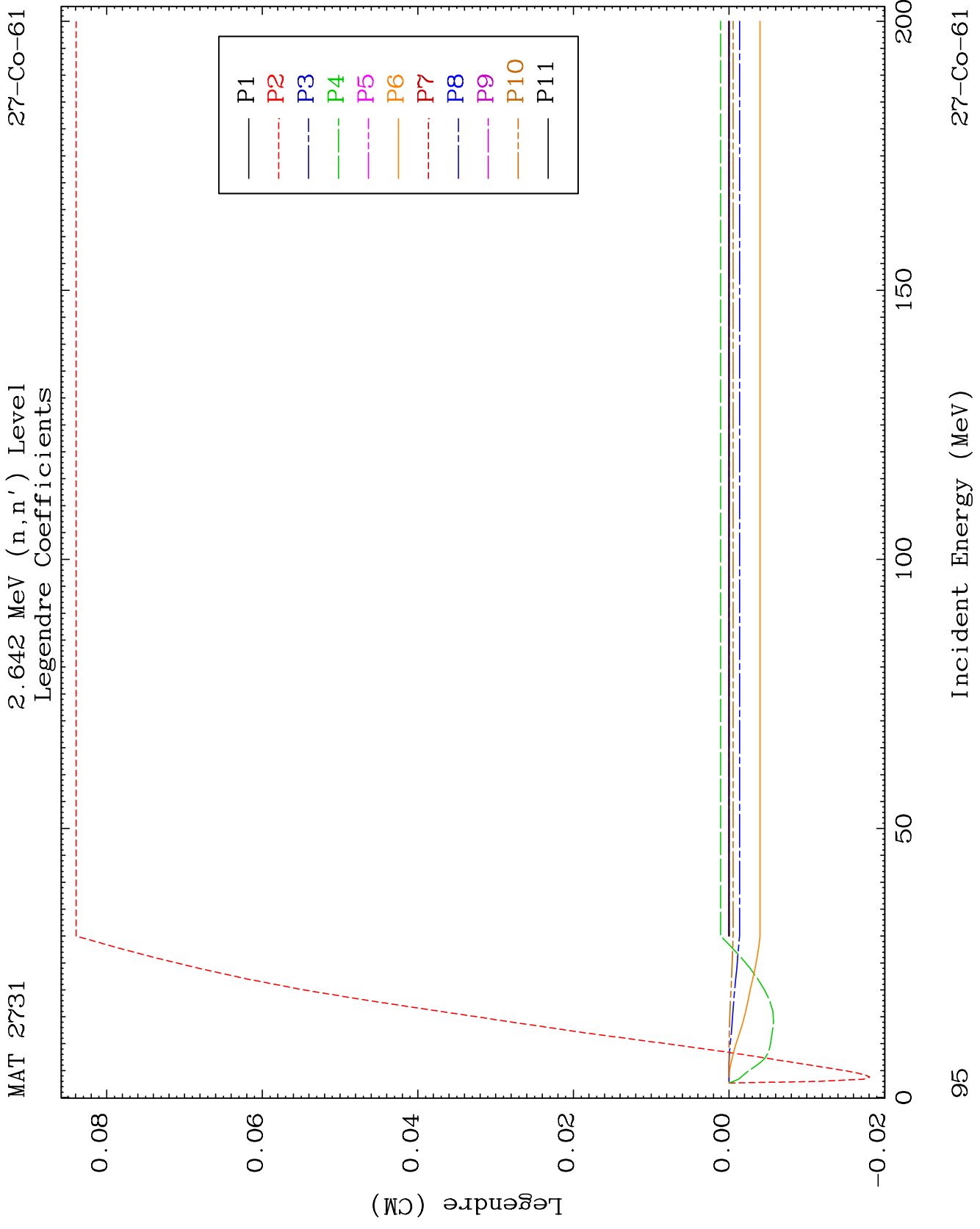


93

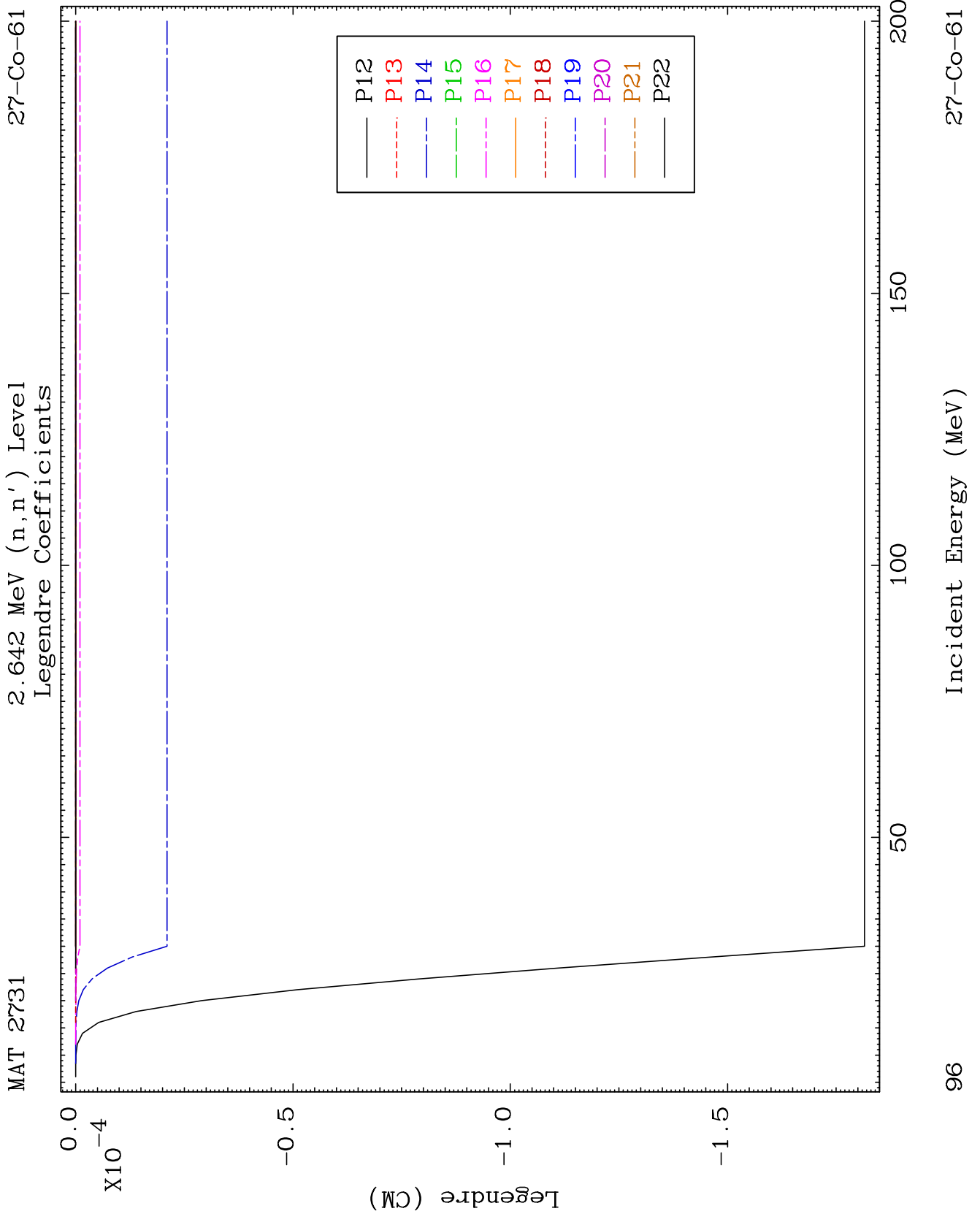
Incident Energy (MeV)

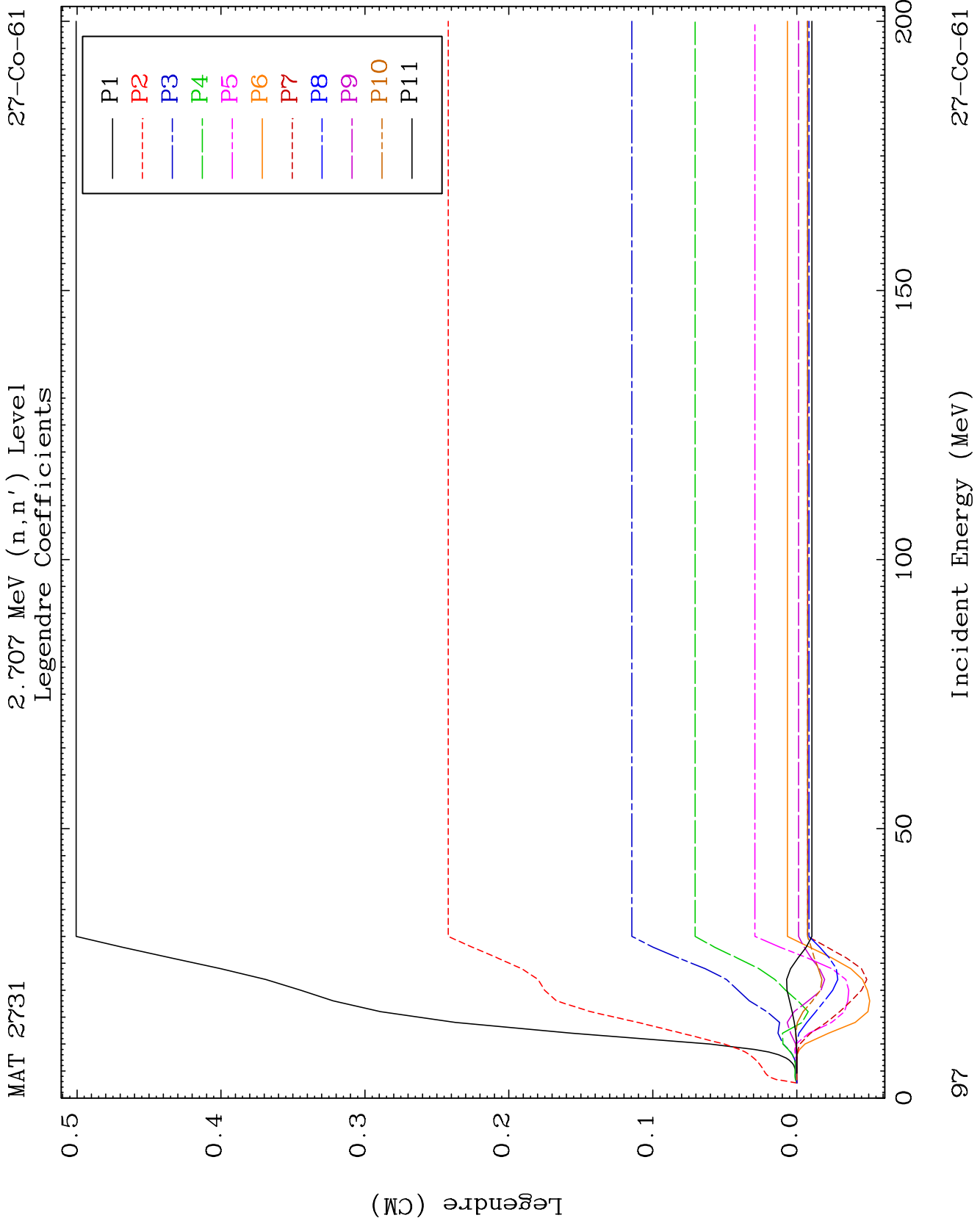
27-Co-61

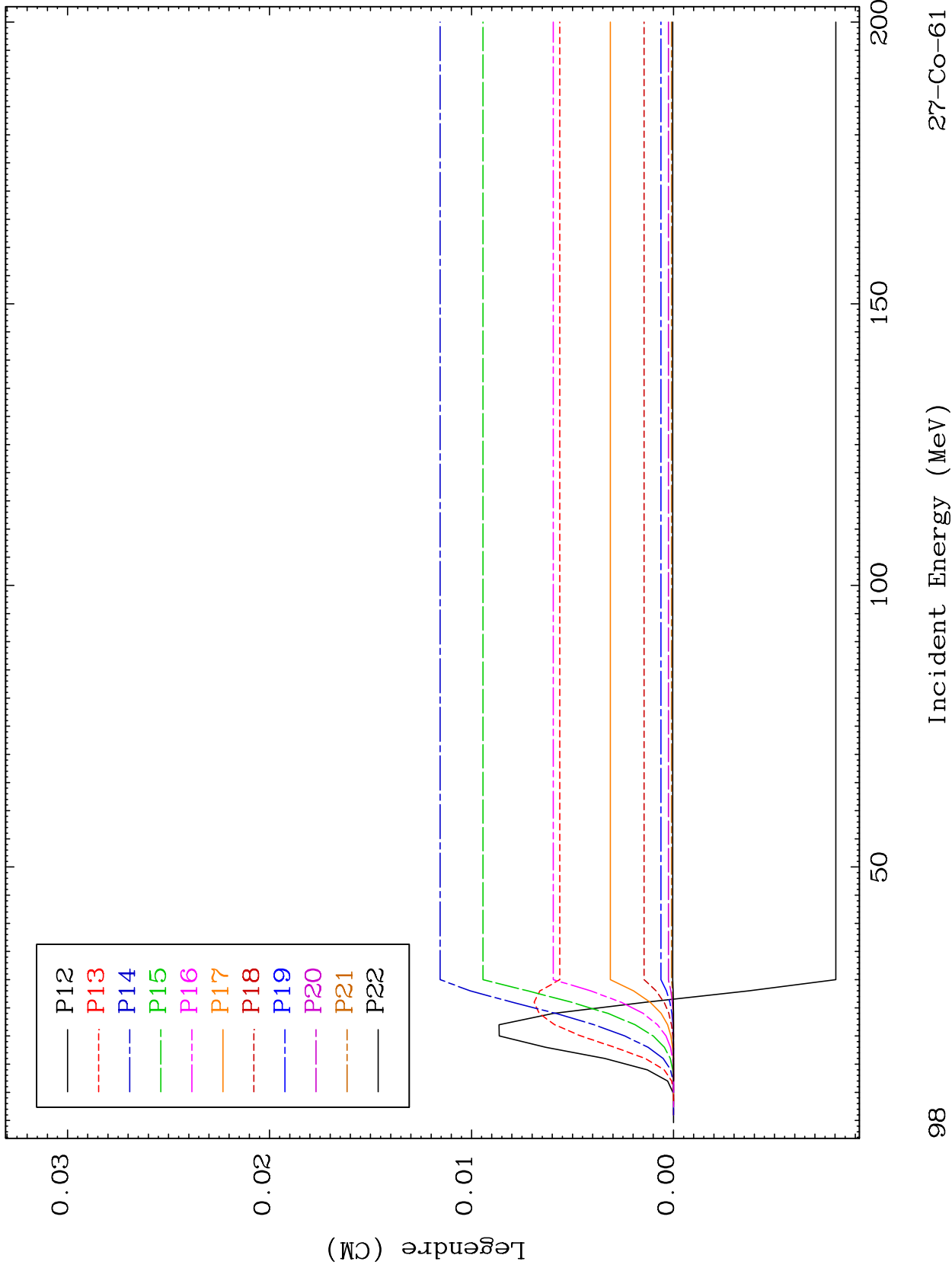




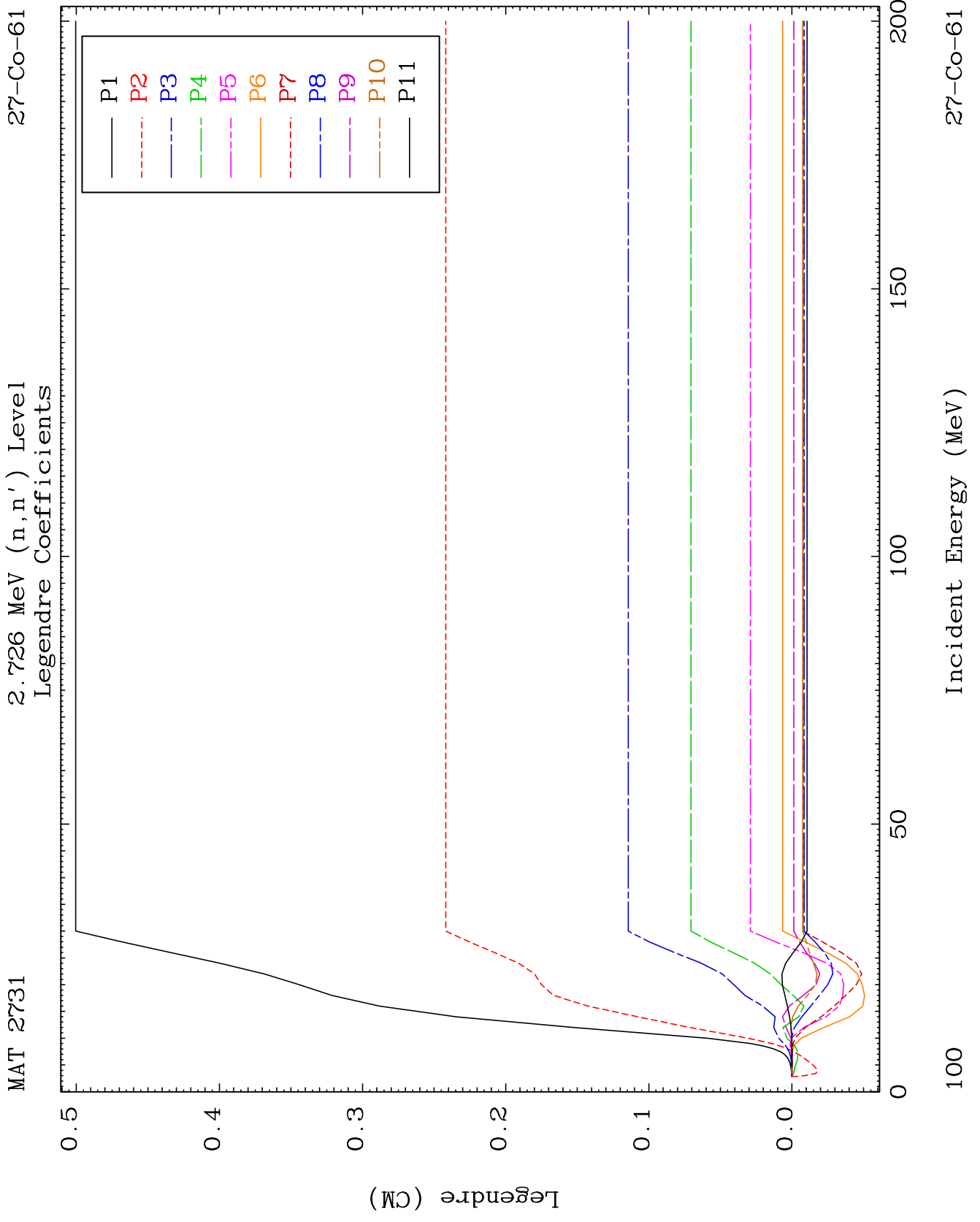








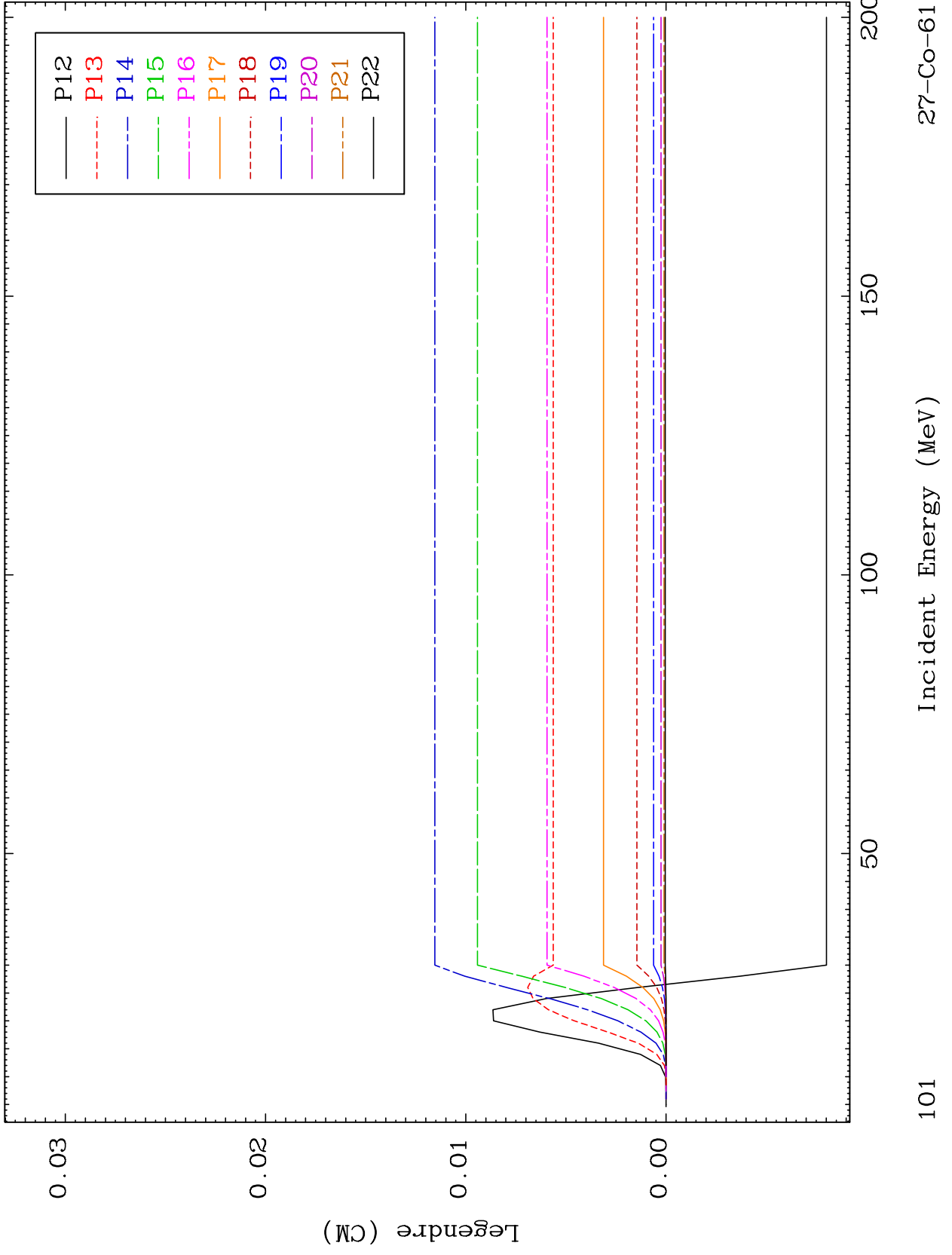




MAT 2731

2.726 MeV (n,n') Level  
Legendre Coefficients

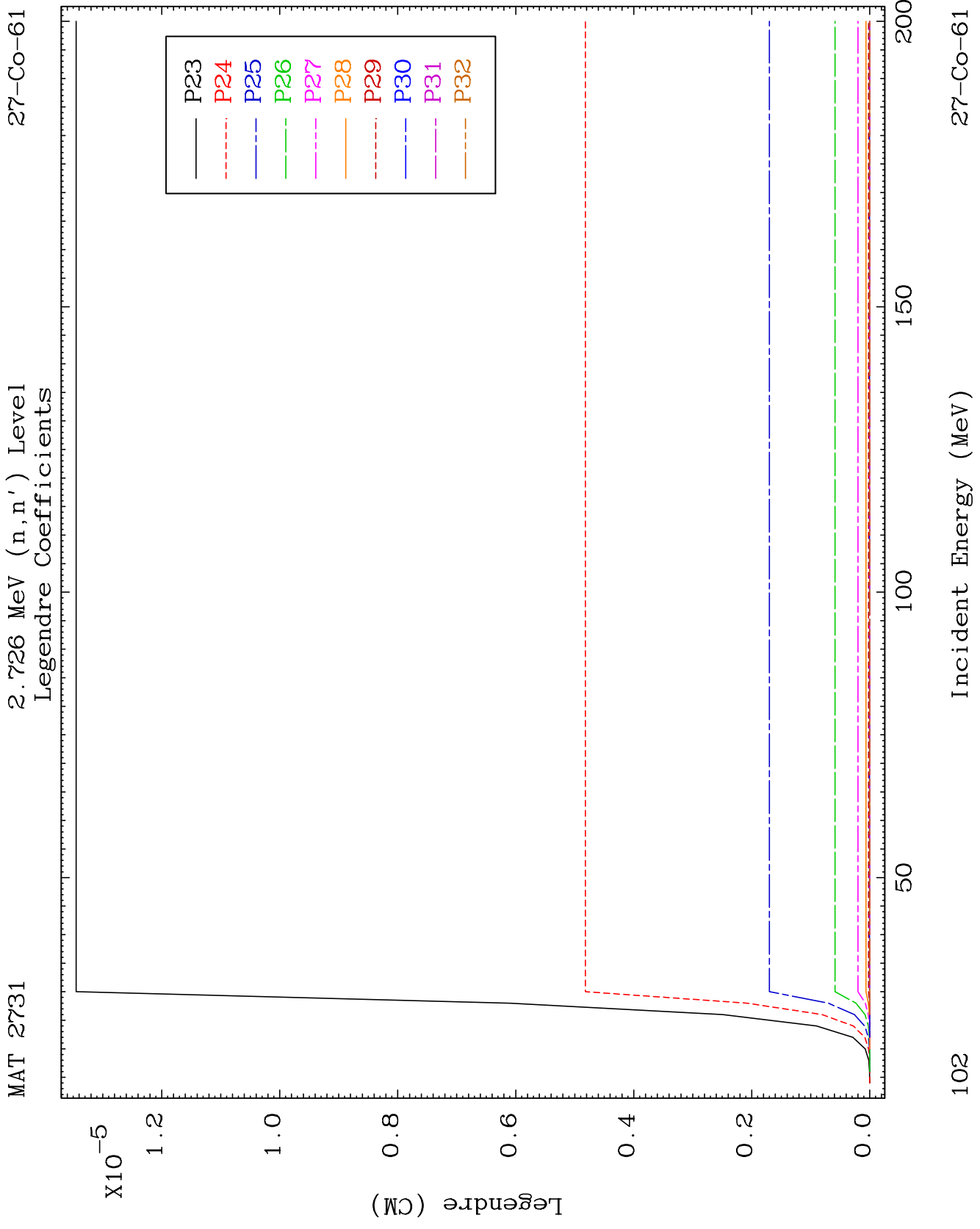
27-Co-61

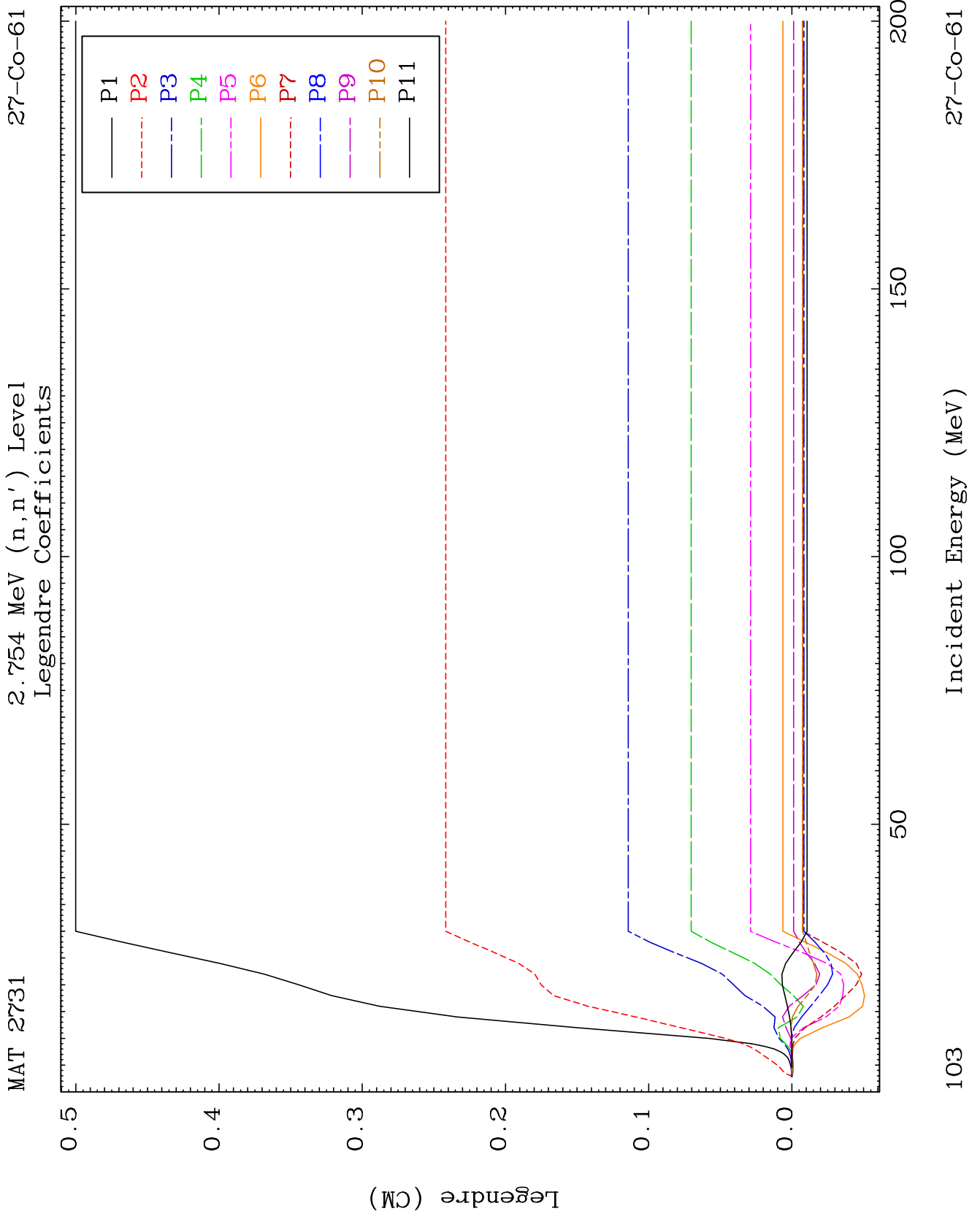


101

Incident Energy (MeV)

27-Co-61



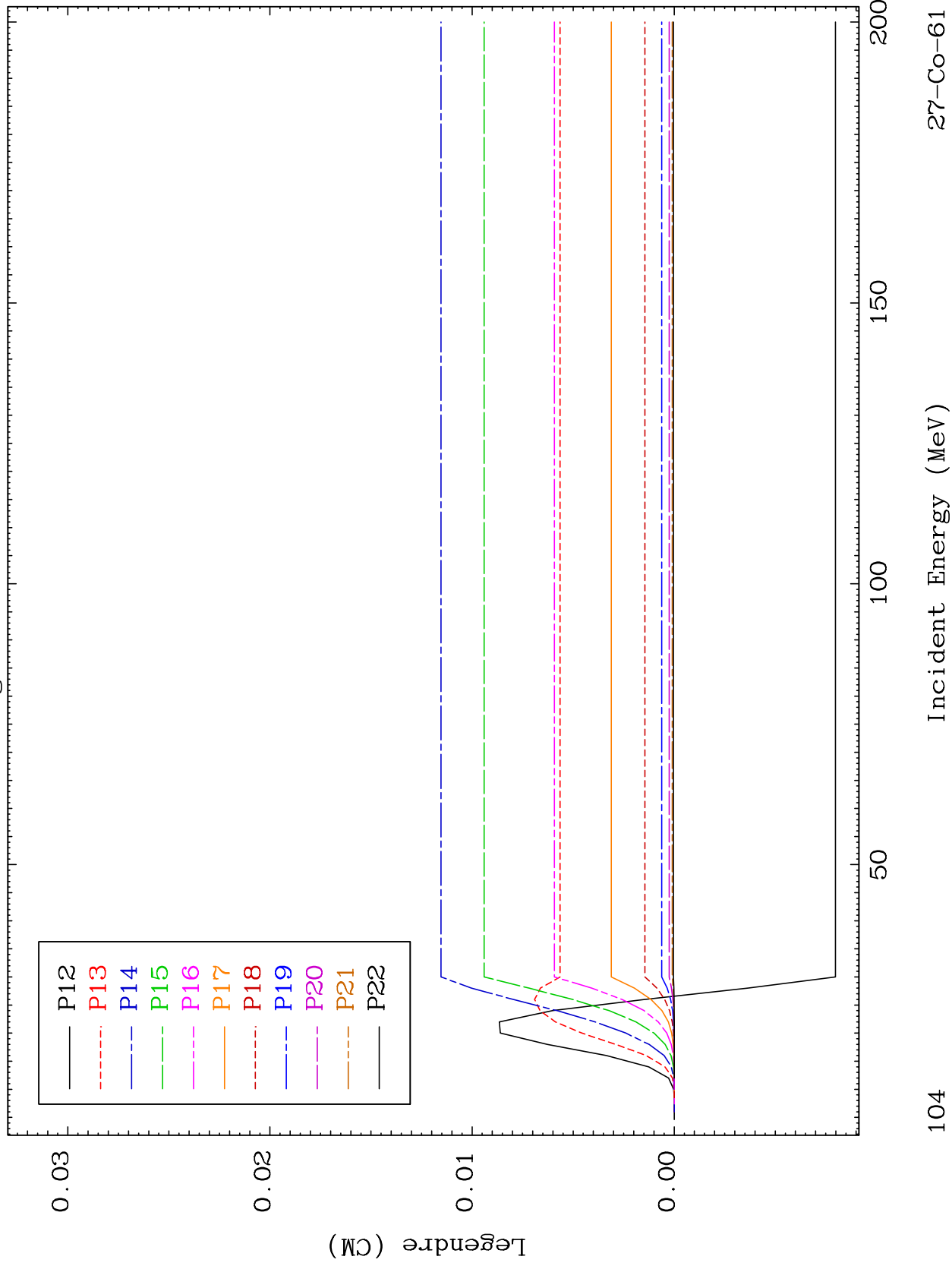




MAT 2731

2.754 MeV (n,n') Level  
Legendre Coefficients

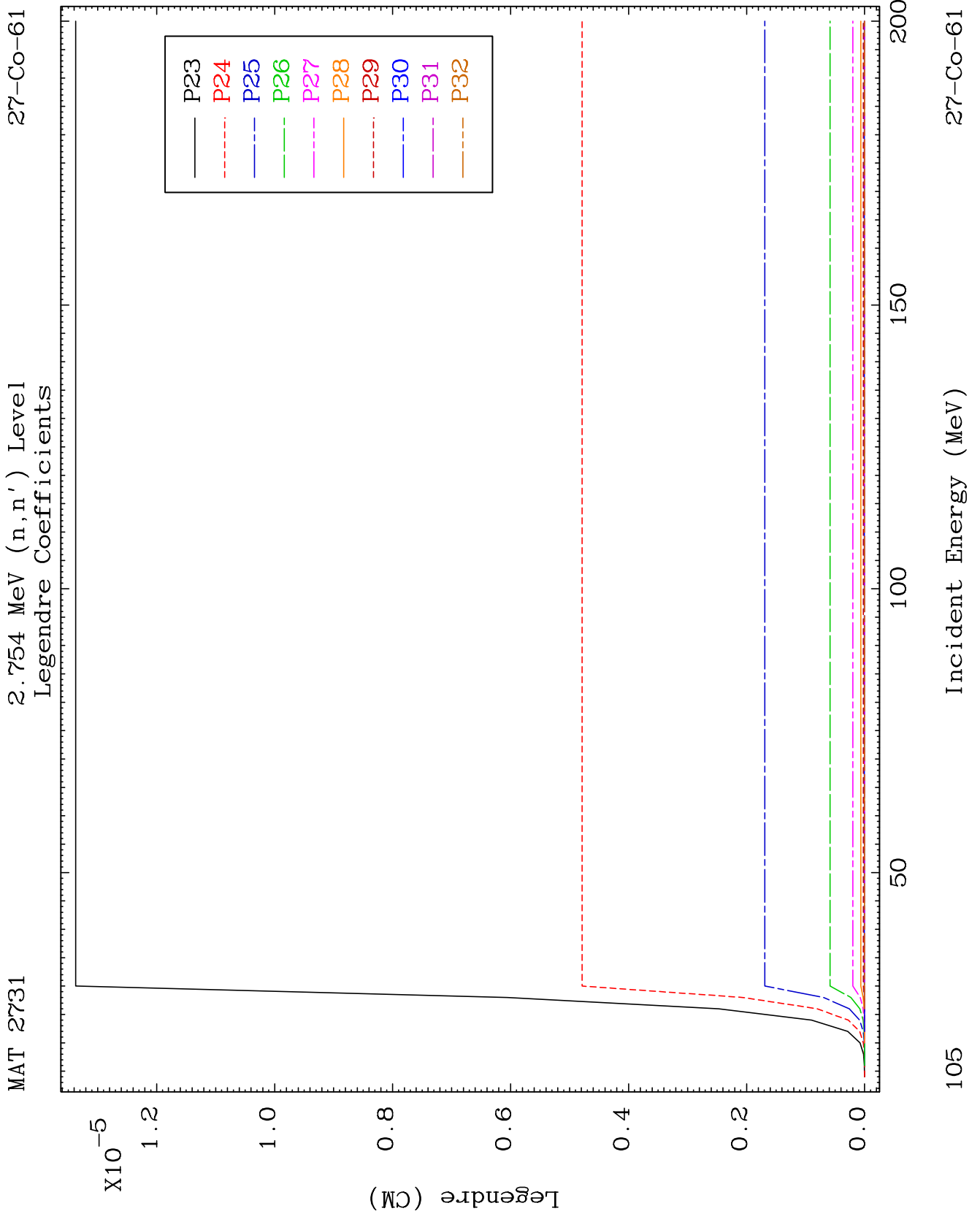
27-Co-61



104

Incident Energy (MeV)

27-Co-61

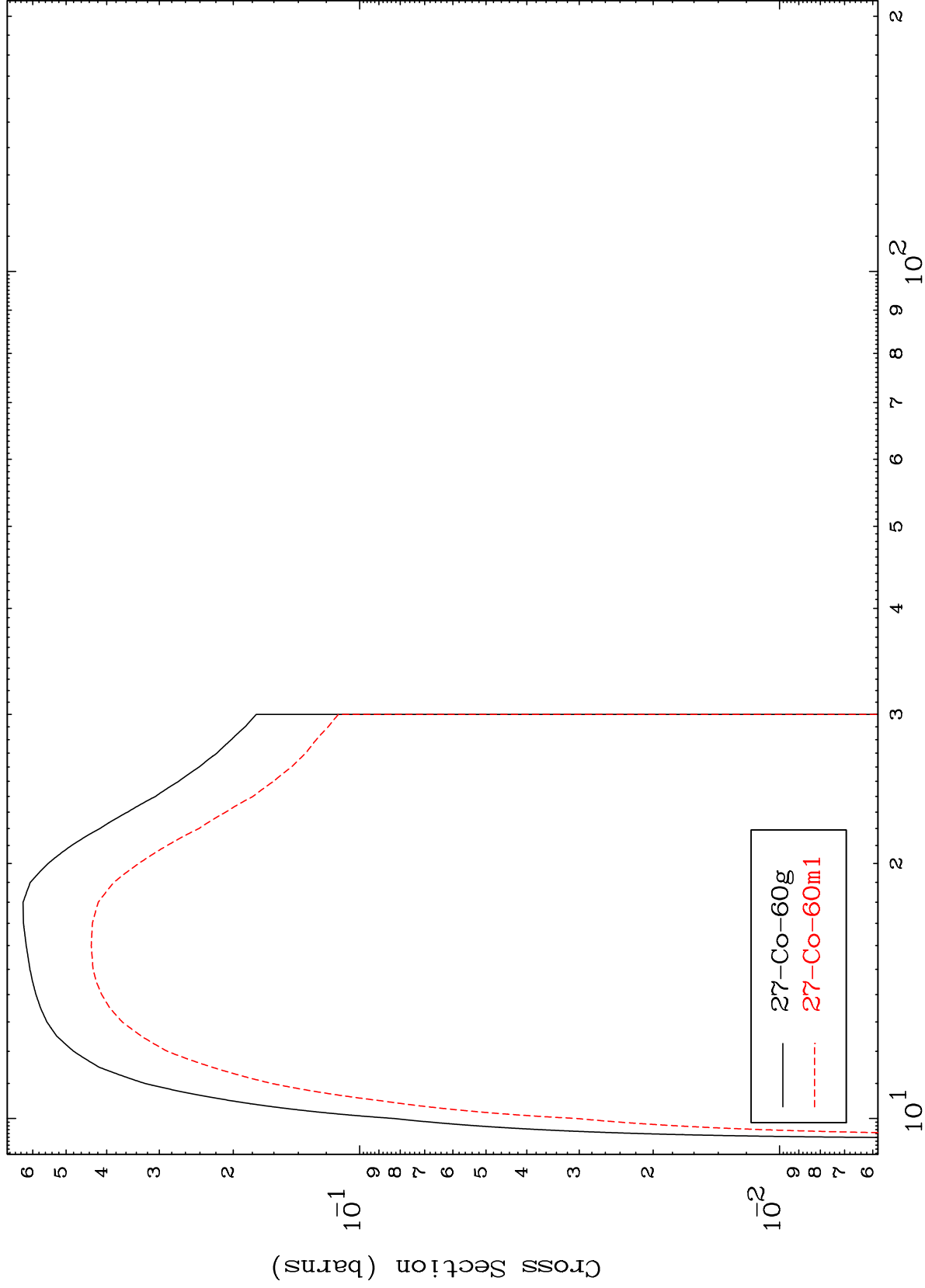


MAT 2731

<sup>27</sup>Co-61

Radionuclide Production Cross Section

(n,2n)



<sup>27</sup>Co-61

Incident Energy (MeV)

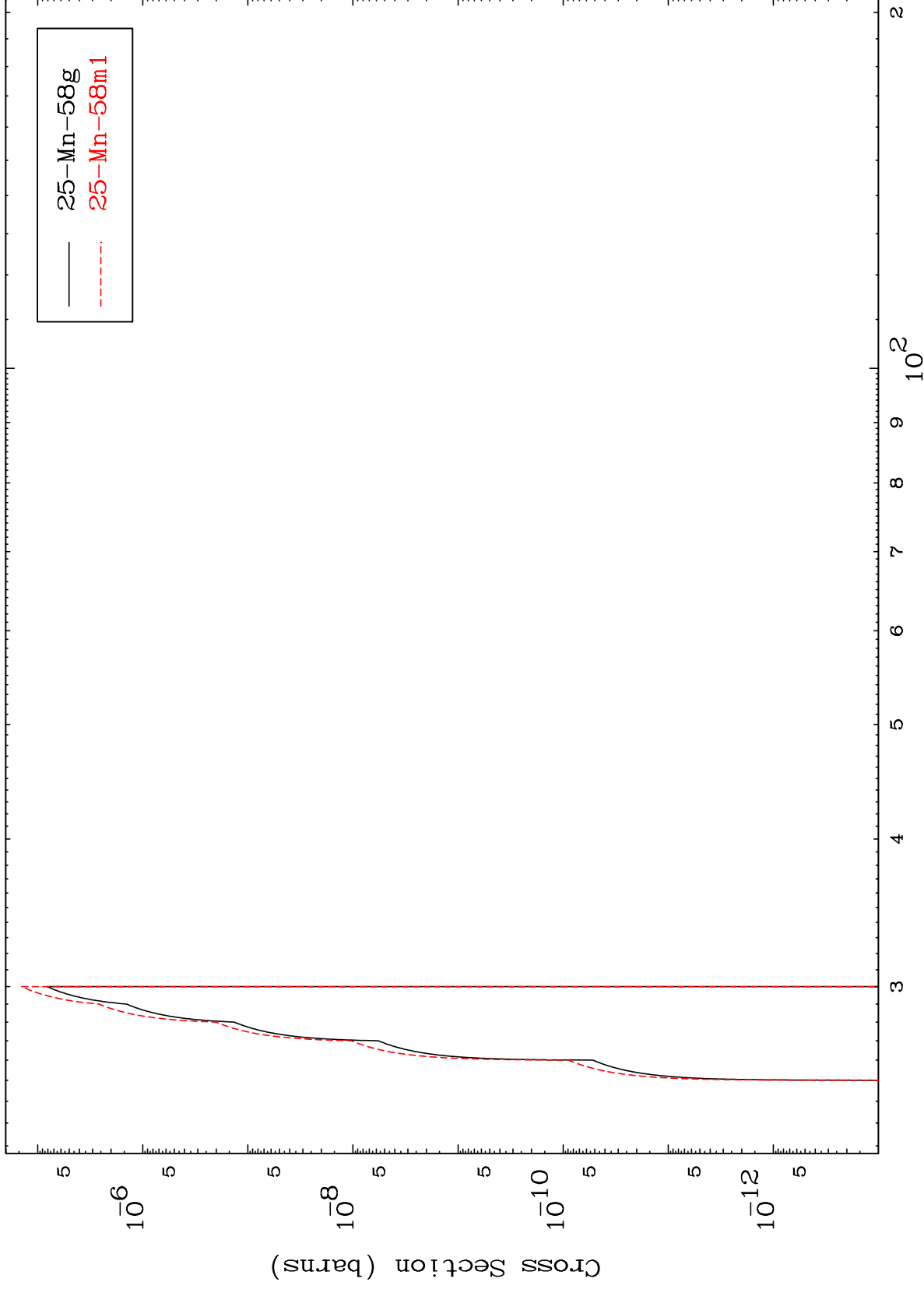
106

MAT 2731

(n,n') He-3

27-Co-61

Radionuclide Production Cross Section



107

Incident Energy (MeV)

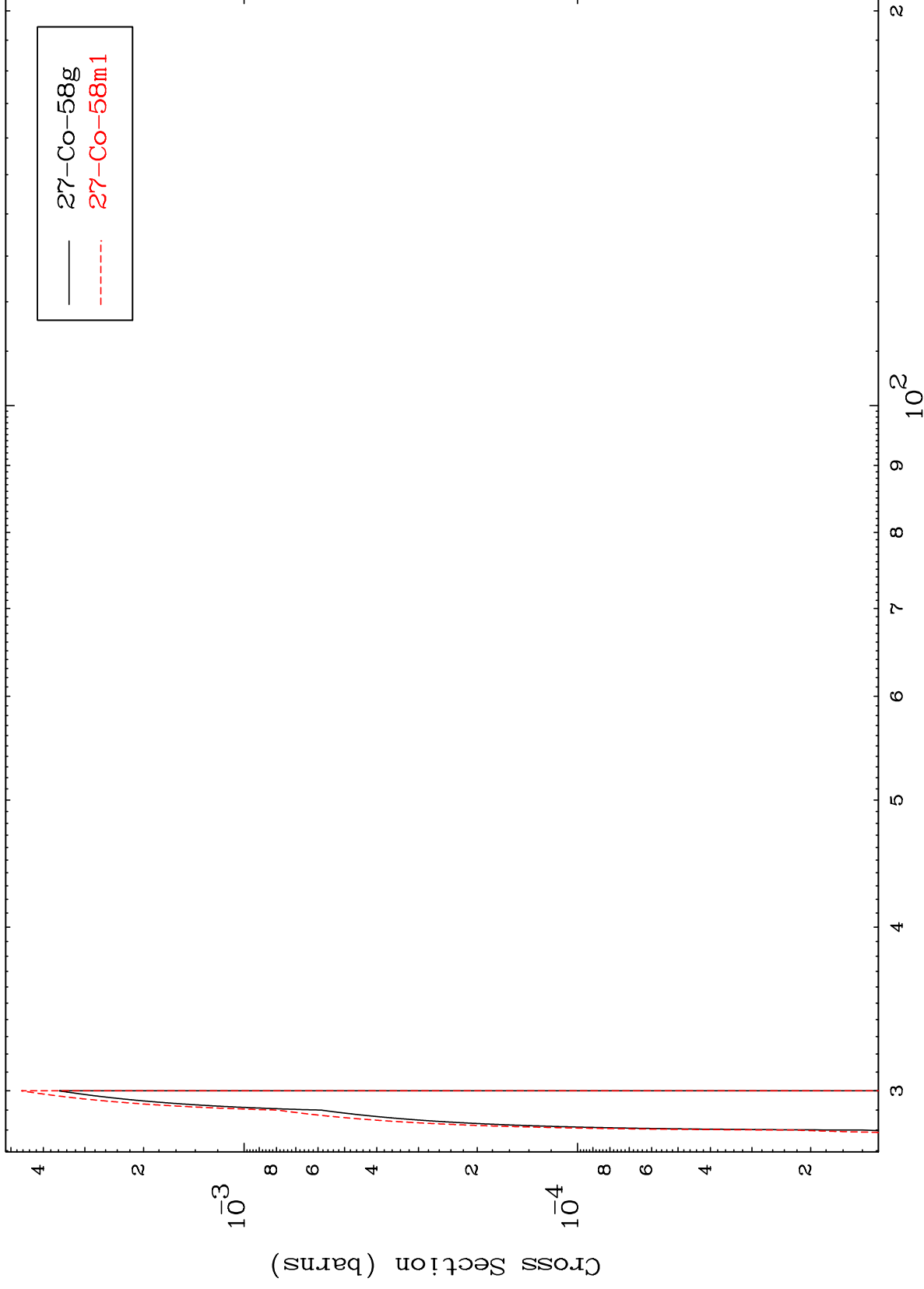
27-Co-61

MAT 2731

(n,4n)

<sup>27</sup>Co-61

Radionuclide Production Cross Section



108

Incident Energy (MeV)

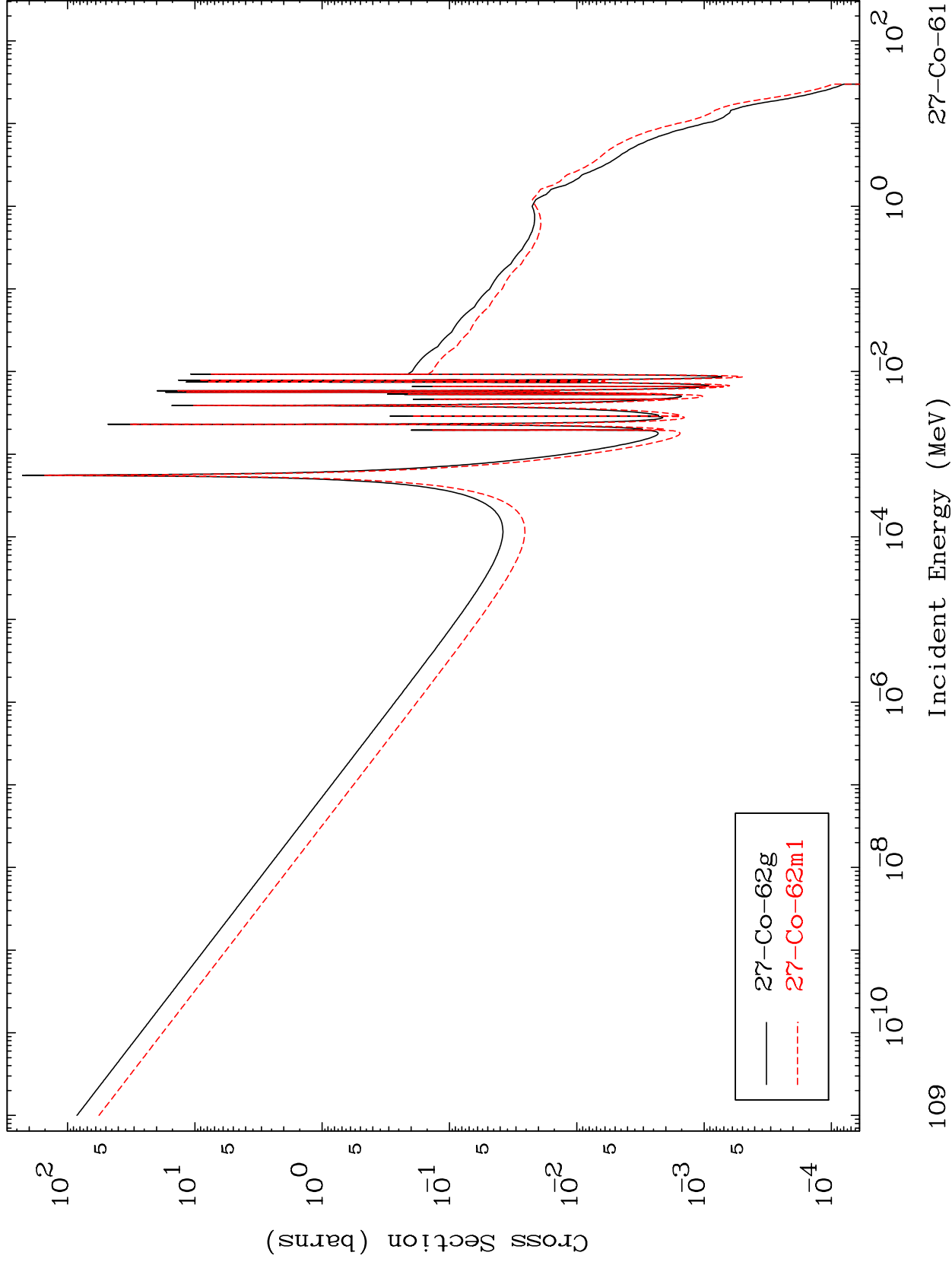
<sup>27</sup>Co-61

MAT 2731

<sup>27</sup>Co-61

Radionuclide Production Cross Section

(n,γ)

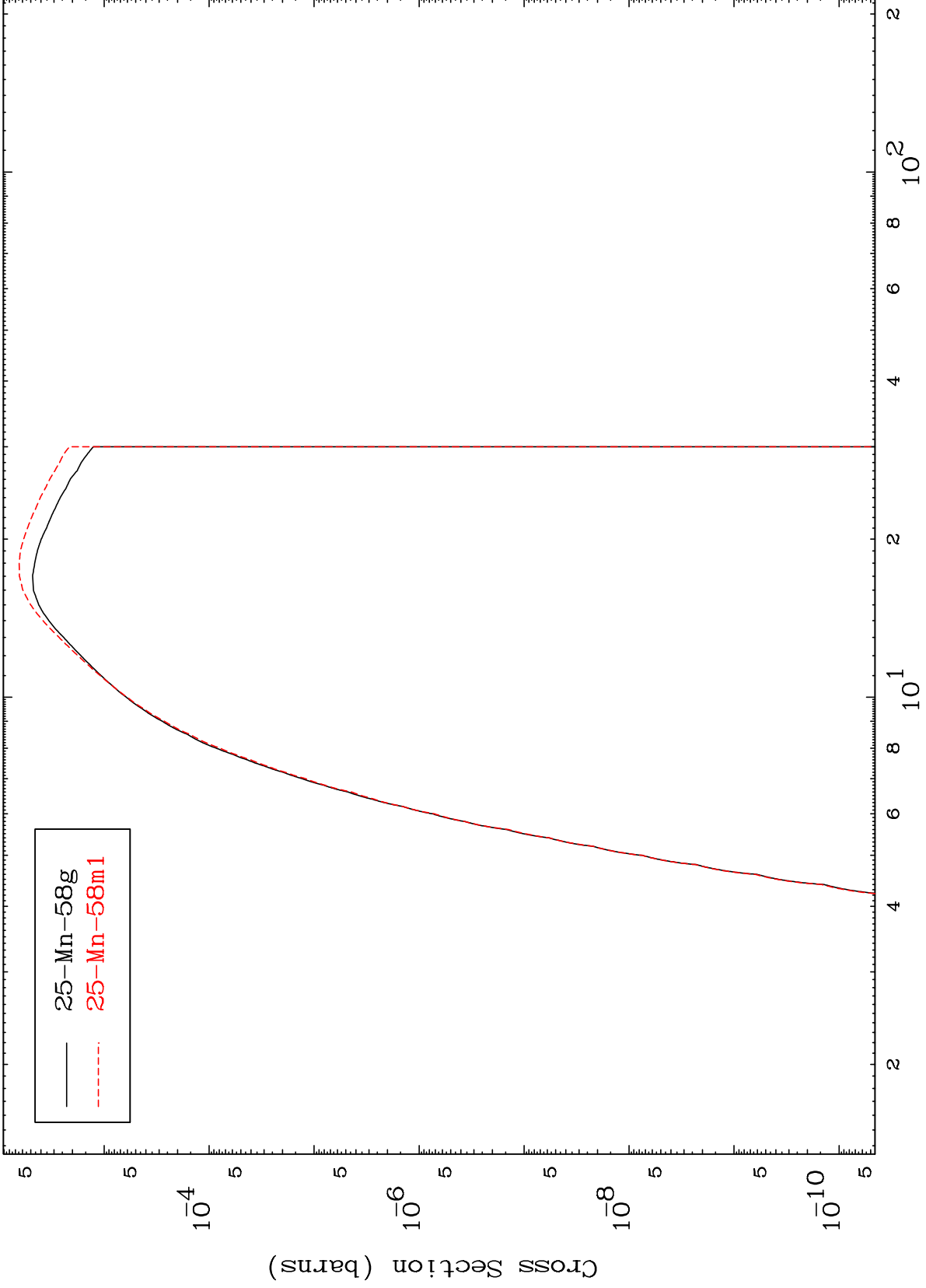


109

MAT 2731

27-Co-61

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



— 25-Mn-58g  
- - - 25-Mn-58m1

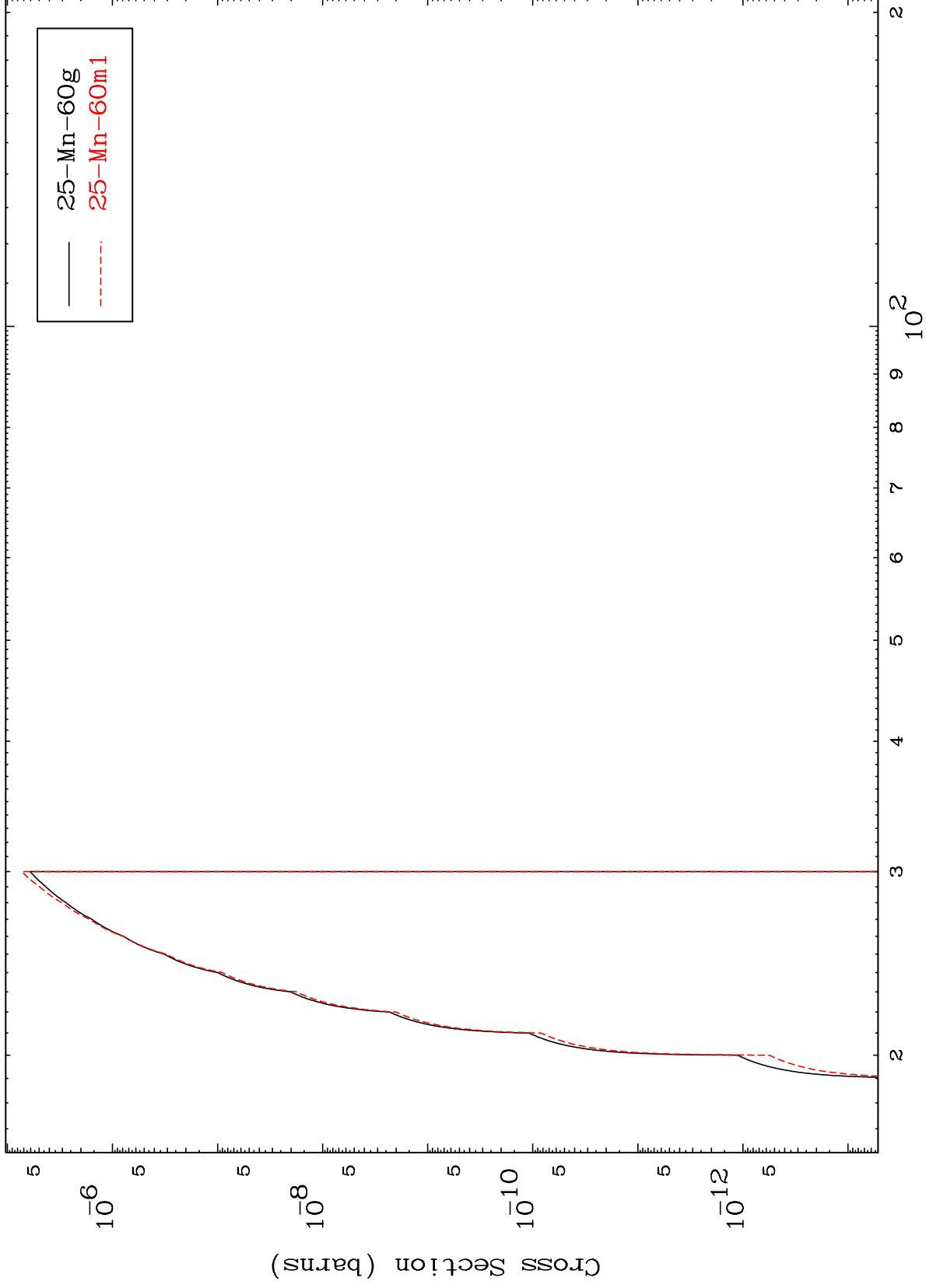
110

27-Co-61

MAT 2731

27-Co-61

(n,2p)  
Radionuclide Production Cross Section



111

Incident Energy (MeV)

27-Co-61



Radionuclide Production Cross Section

