

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

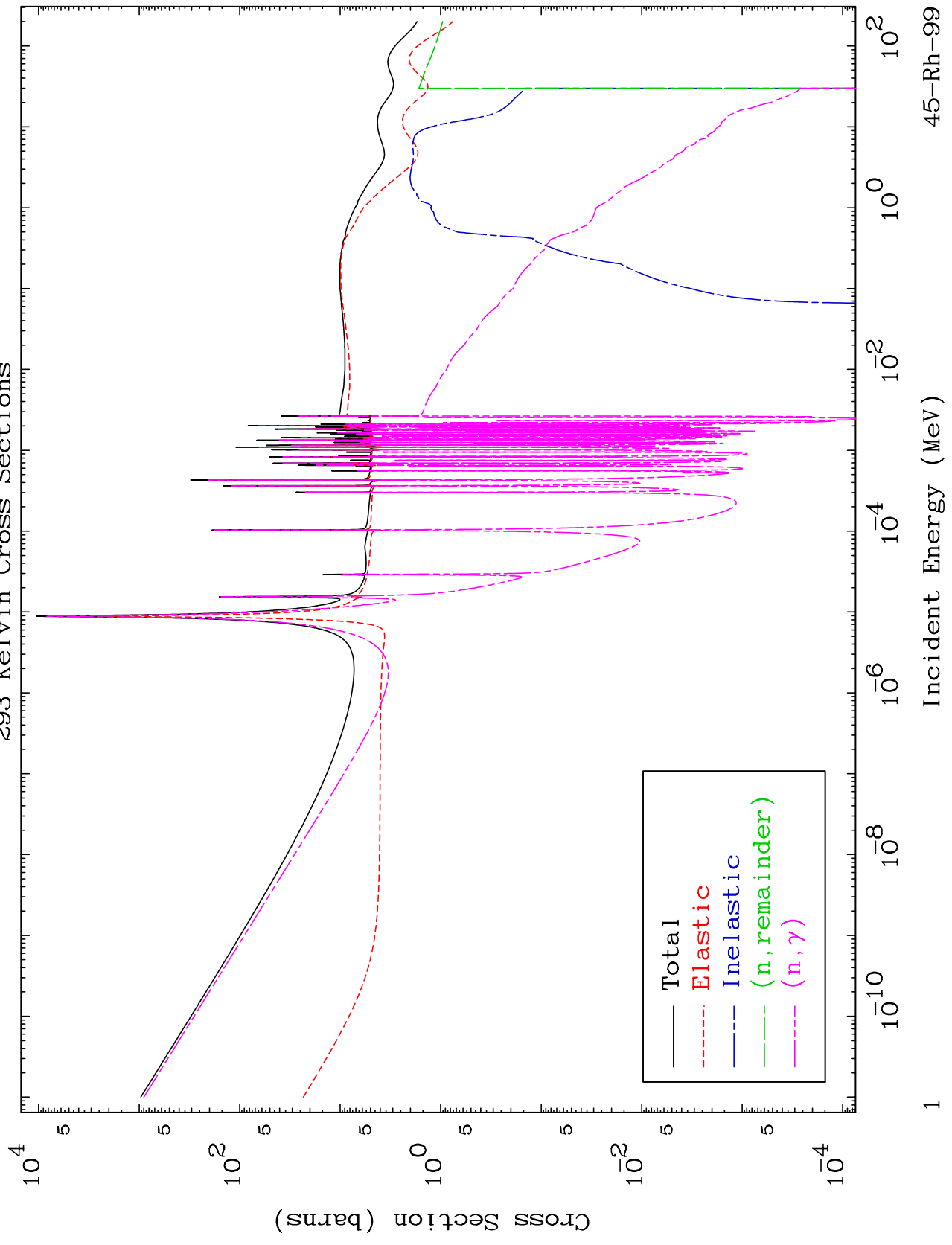
Press Mouse Button to Start

MAT 4513

Major

293 Kelvin Cross Sections

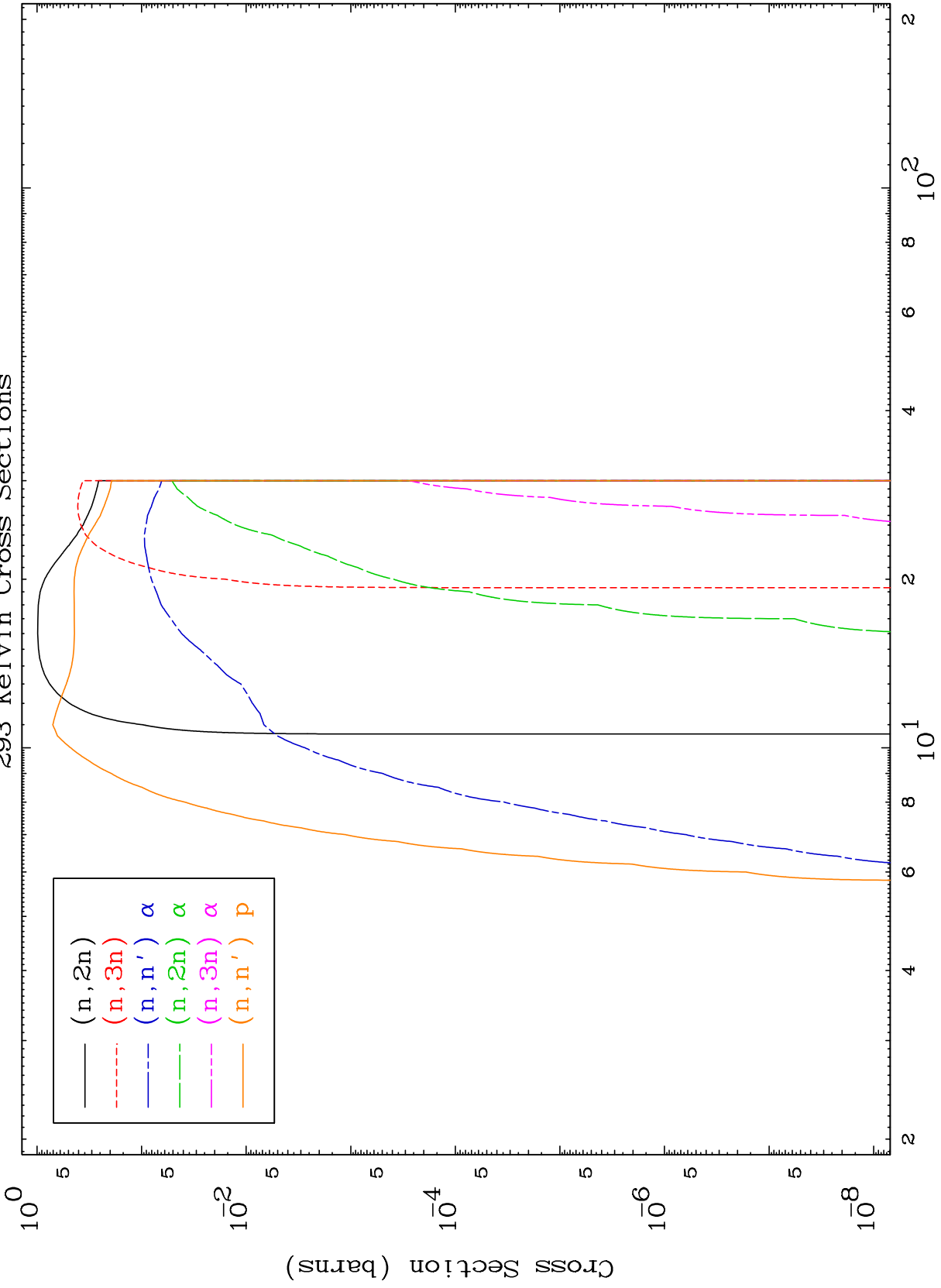
45-Rh-99



MAT 4513

Neutron Production  
293 Kelvin Cross Sections

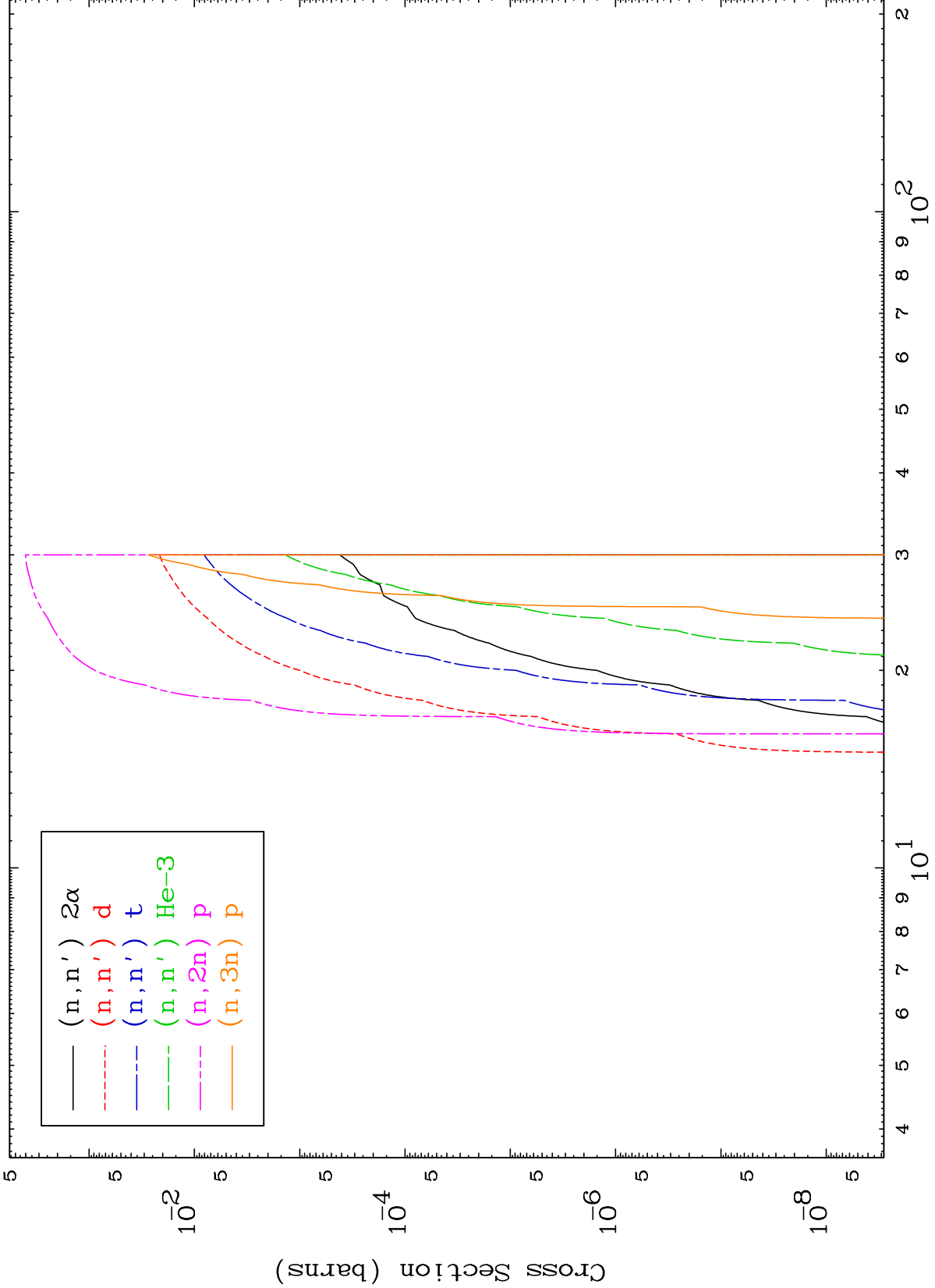
45-Rh-99



2

Incident Energy (MeV)

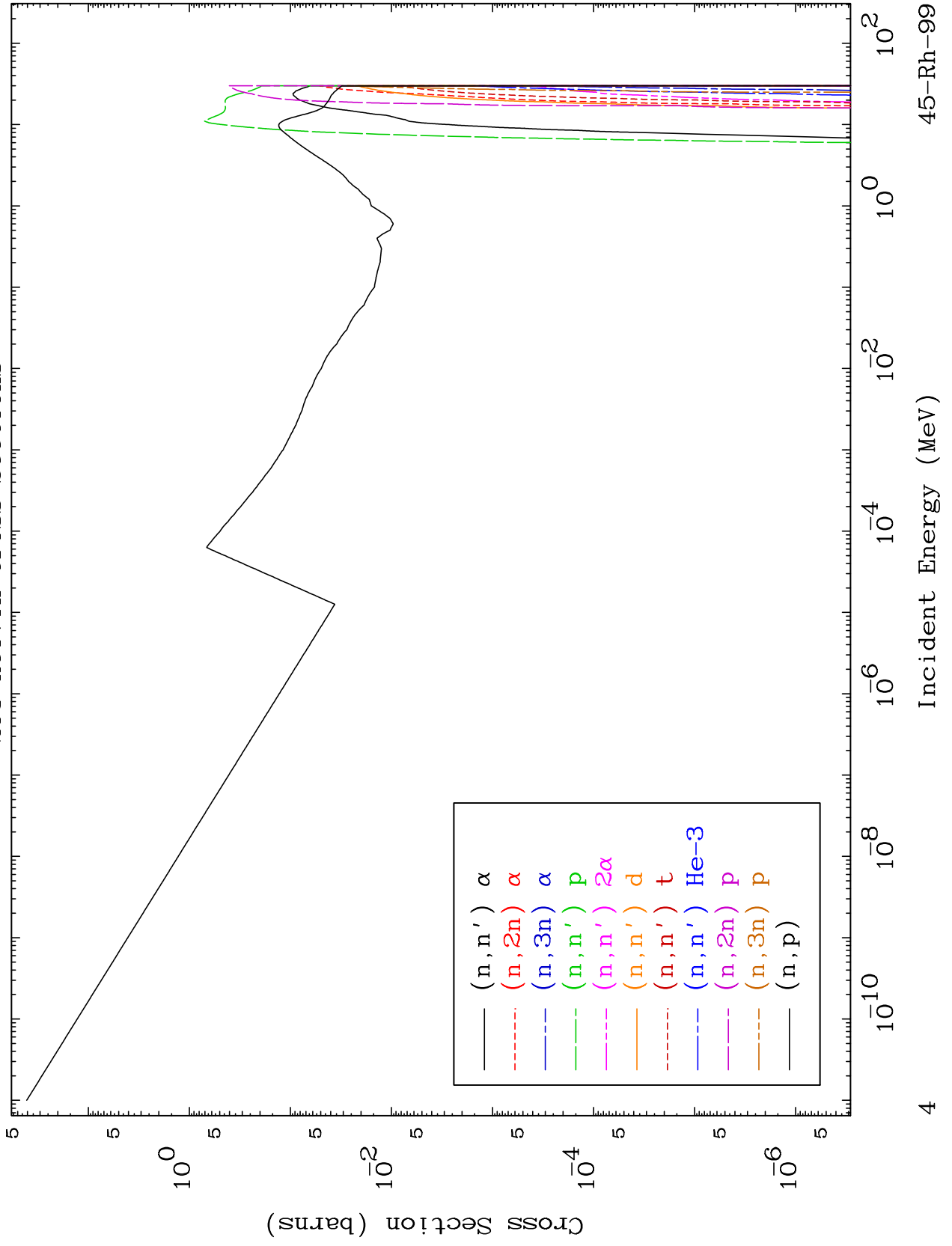
45-Rh-99



MAT 4513

Charged Particle  
293 Kelvin Cross Sections

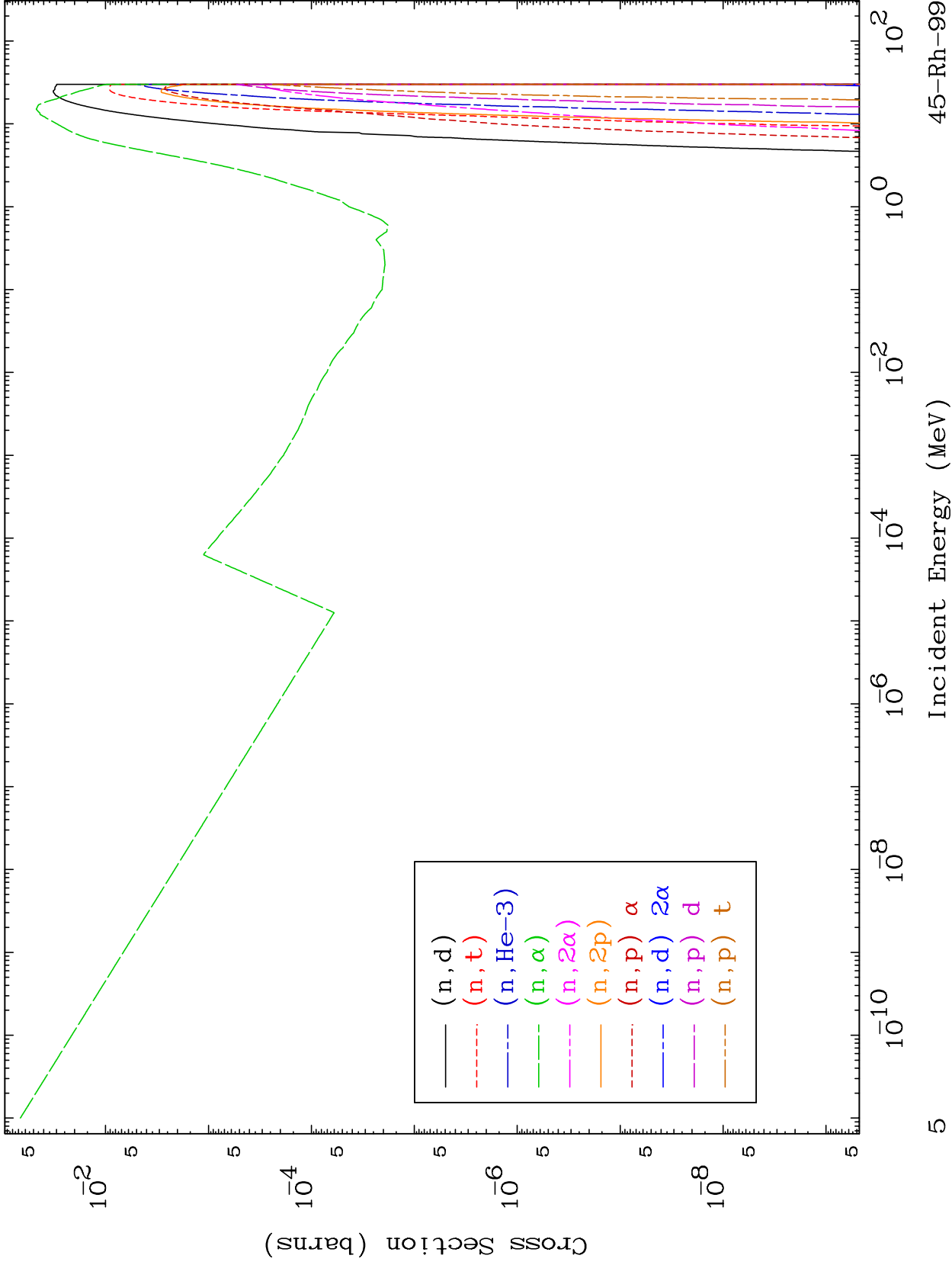
45-Rh-99



MAT 4513

Charged Particle  
293 Kelvin Cross Sections

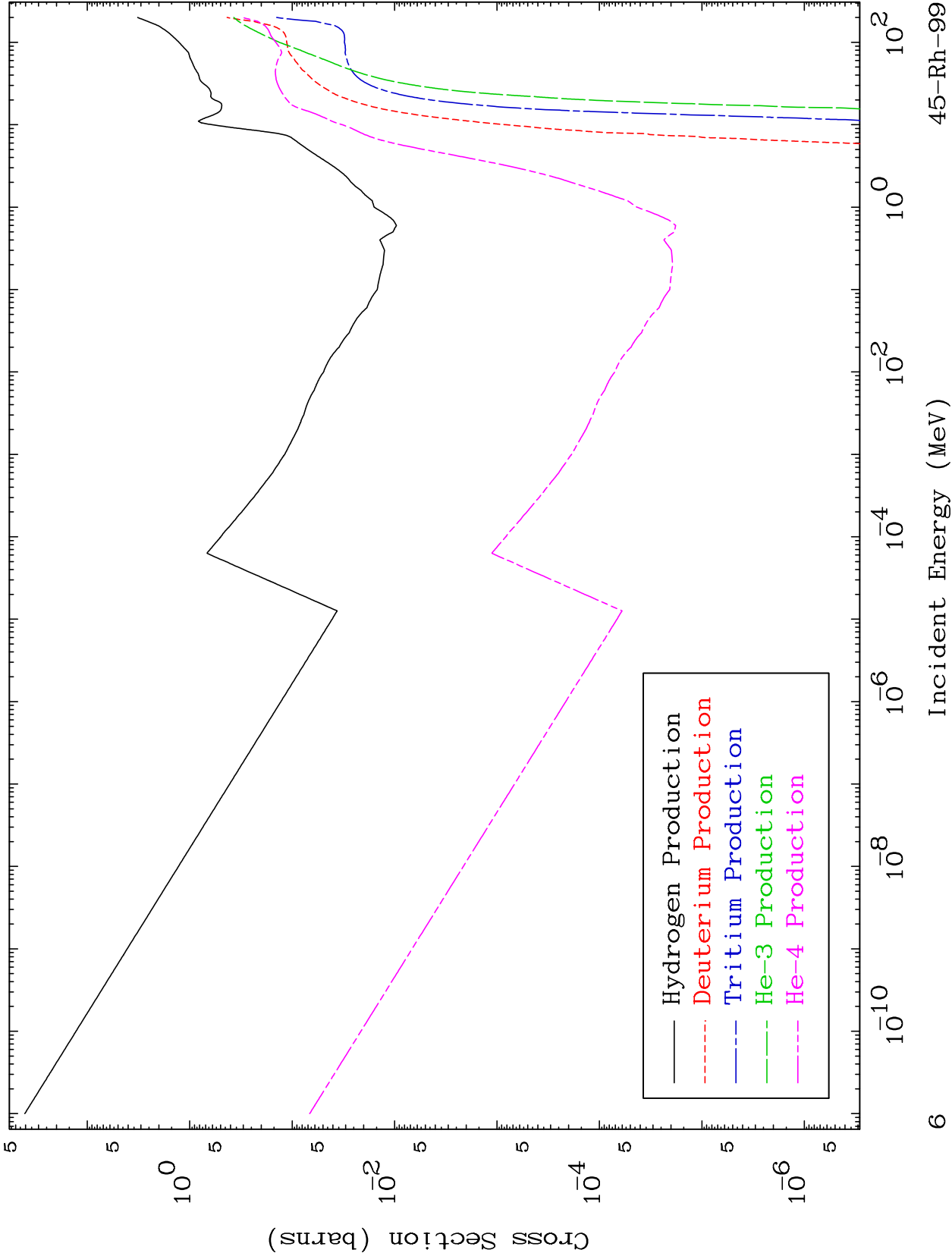
45-Rh-99



MAT 4513

Particle Production  
293 Kelvin Cross Sections

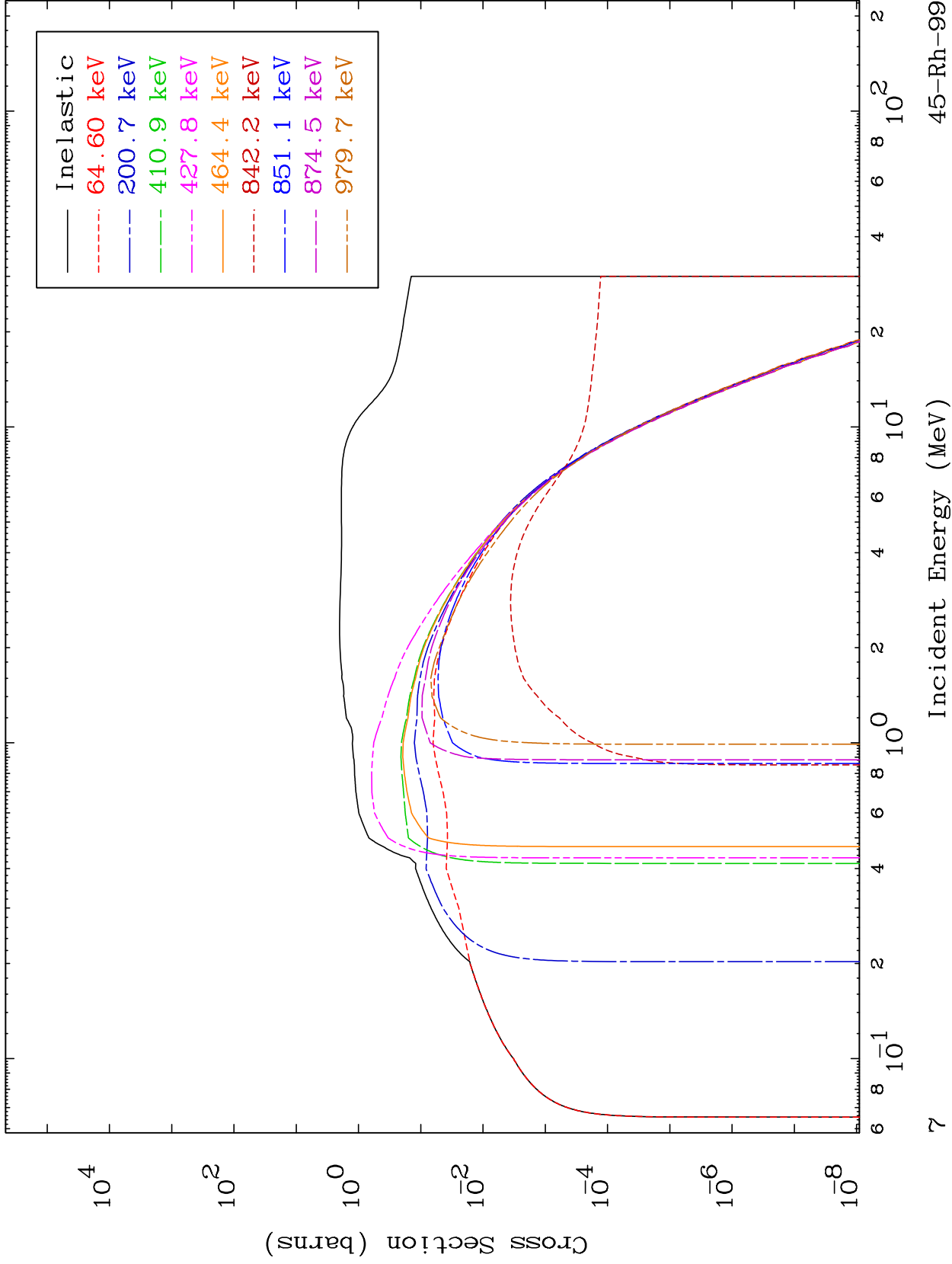
45-Rh-99



MAT 4513

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-99

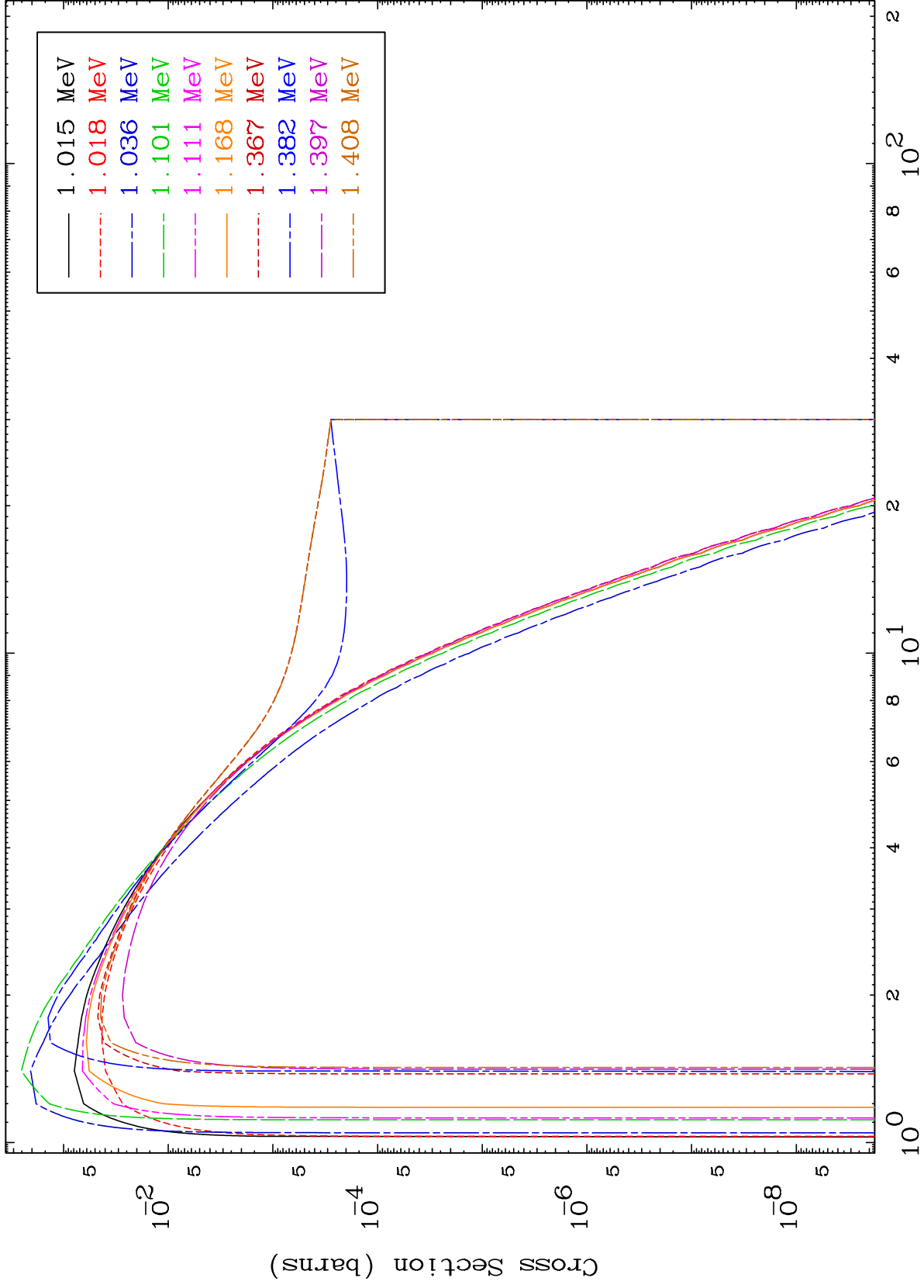




MAT 4513

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-99



Incident Energy (MeV)

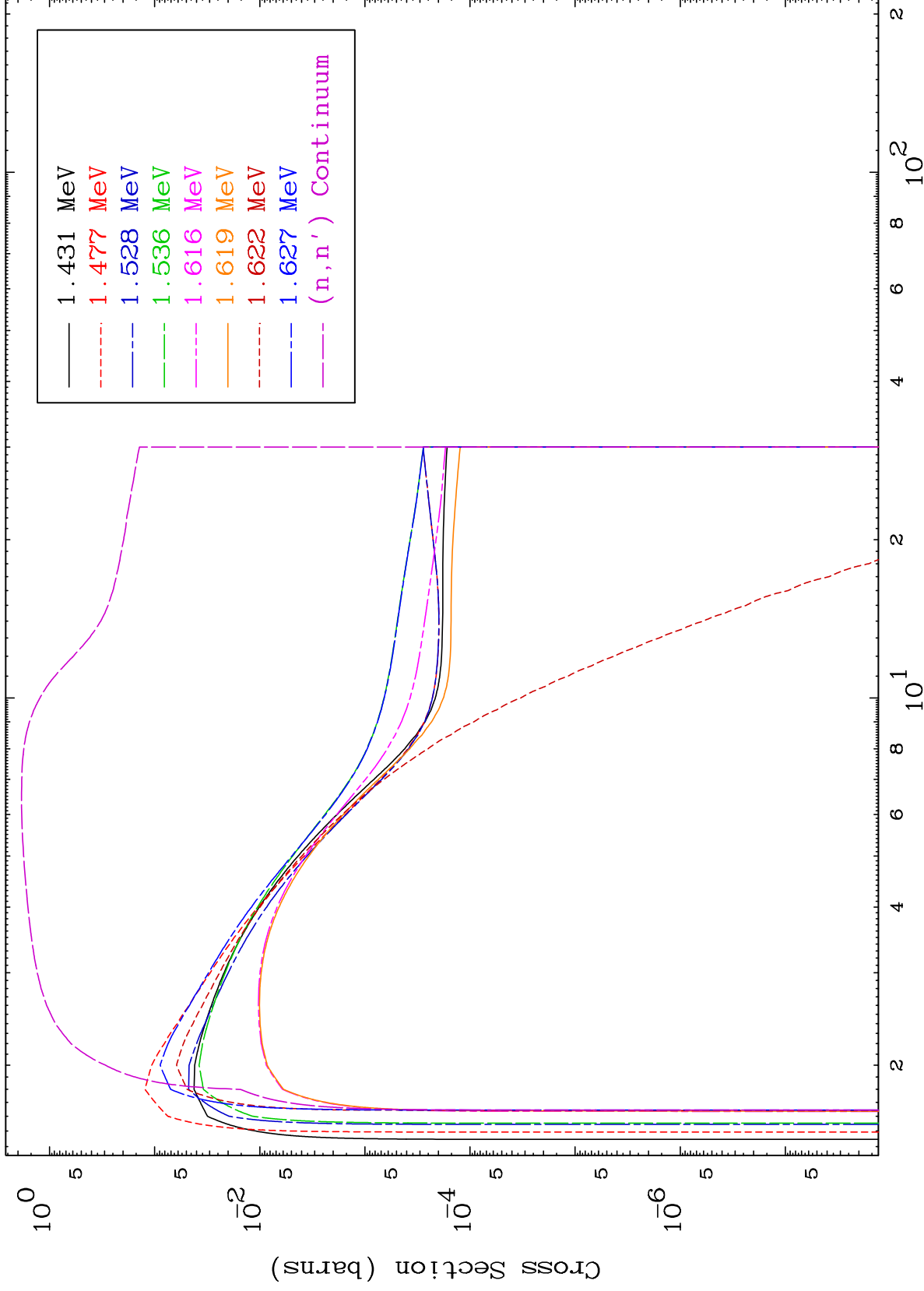
45-Rh-99

MAT 4513

(n,n') Level

45-Rh-99

293 Kelvin Cross Sections



9

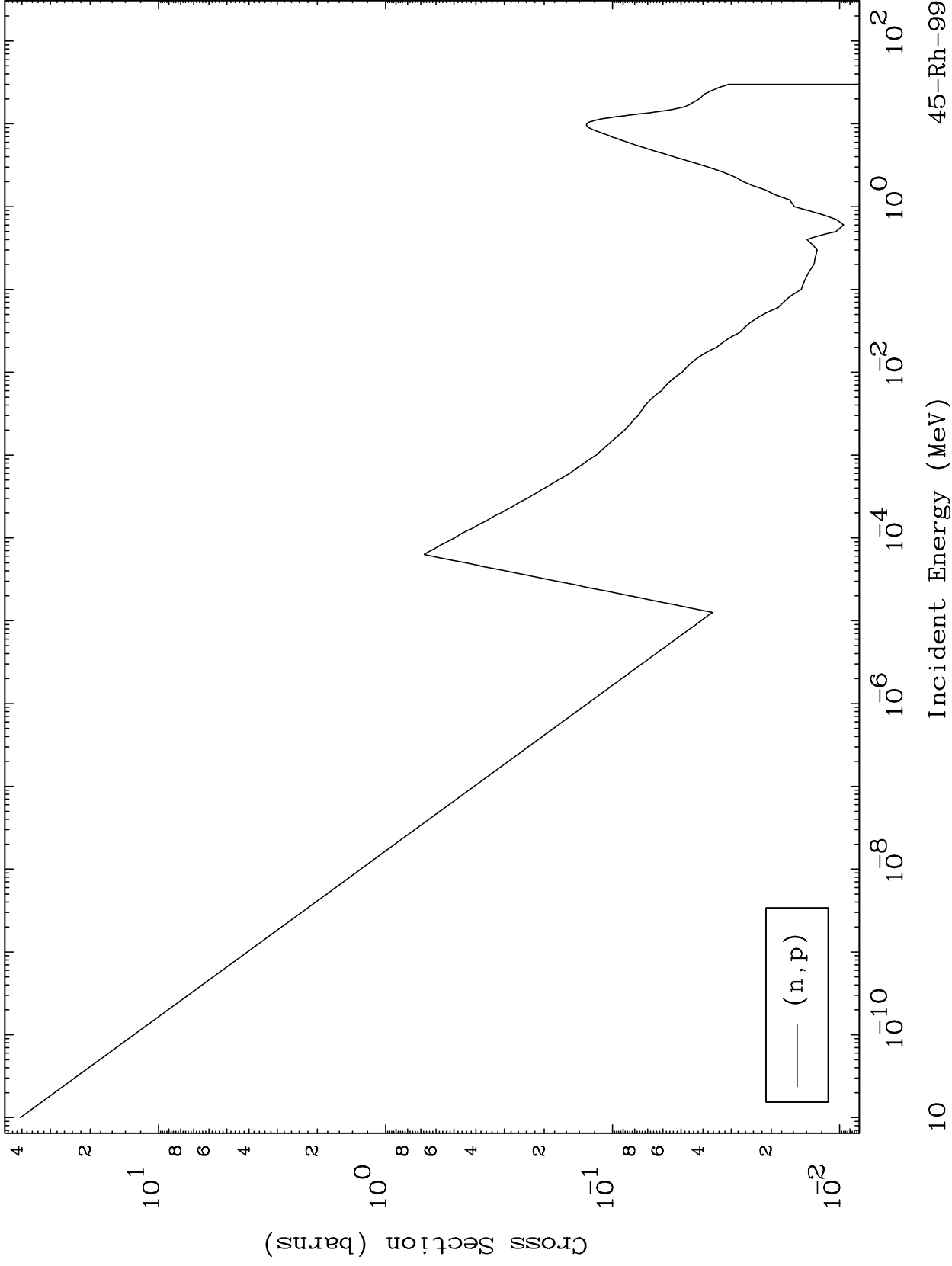
Incident Energy (MeV)

45-Rh-99

MAT 4513

(n,p) Levels  
293 Kelvin Cross Sections

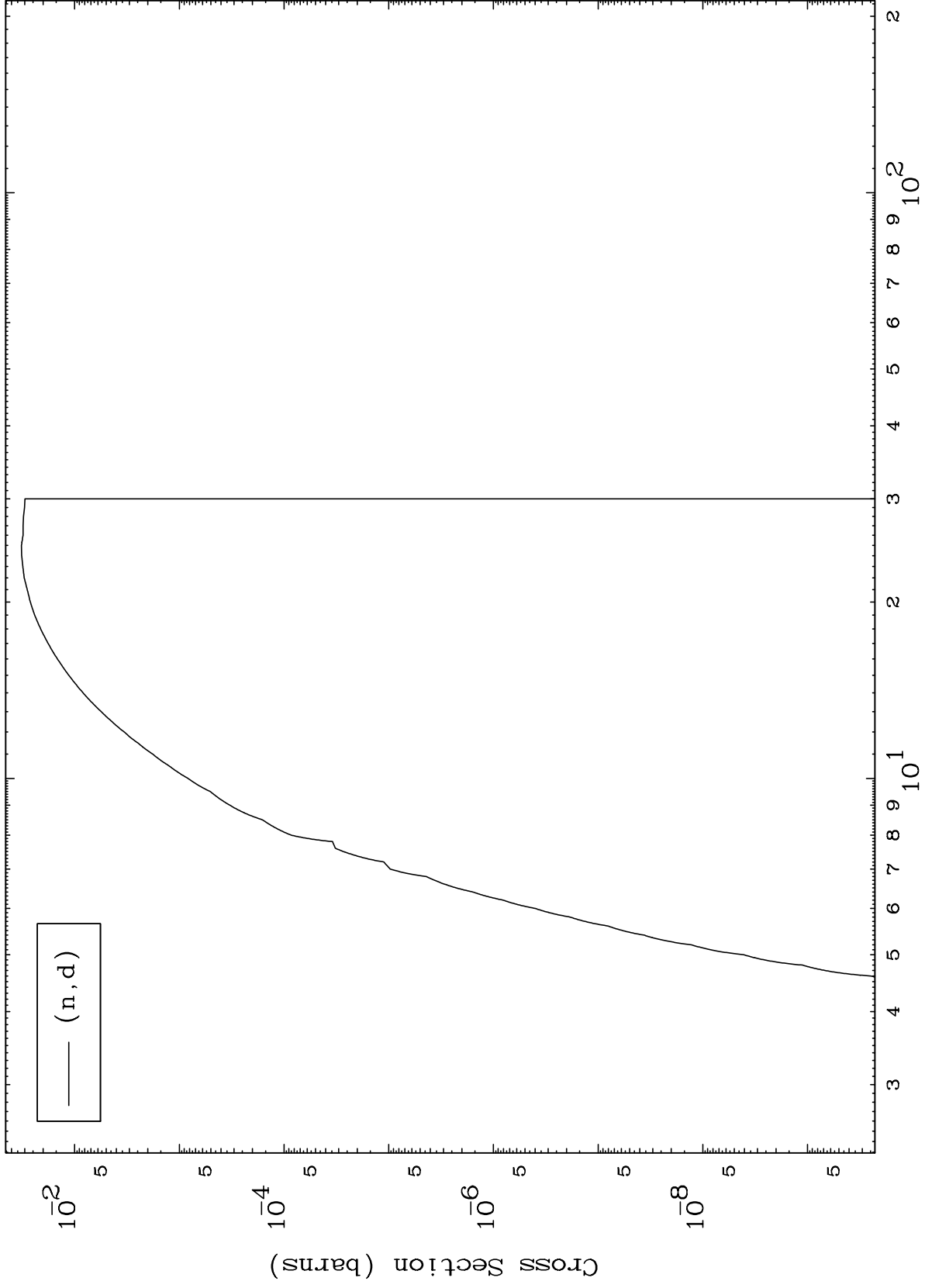
45-Rh-99



MAT 4513

(n,d) Levels  
293 Kelvin Cross Sections

45-Rh-99



11

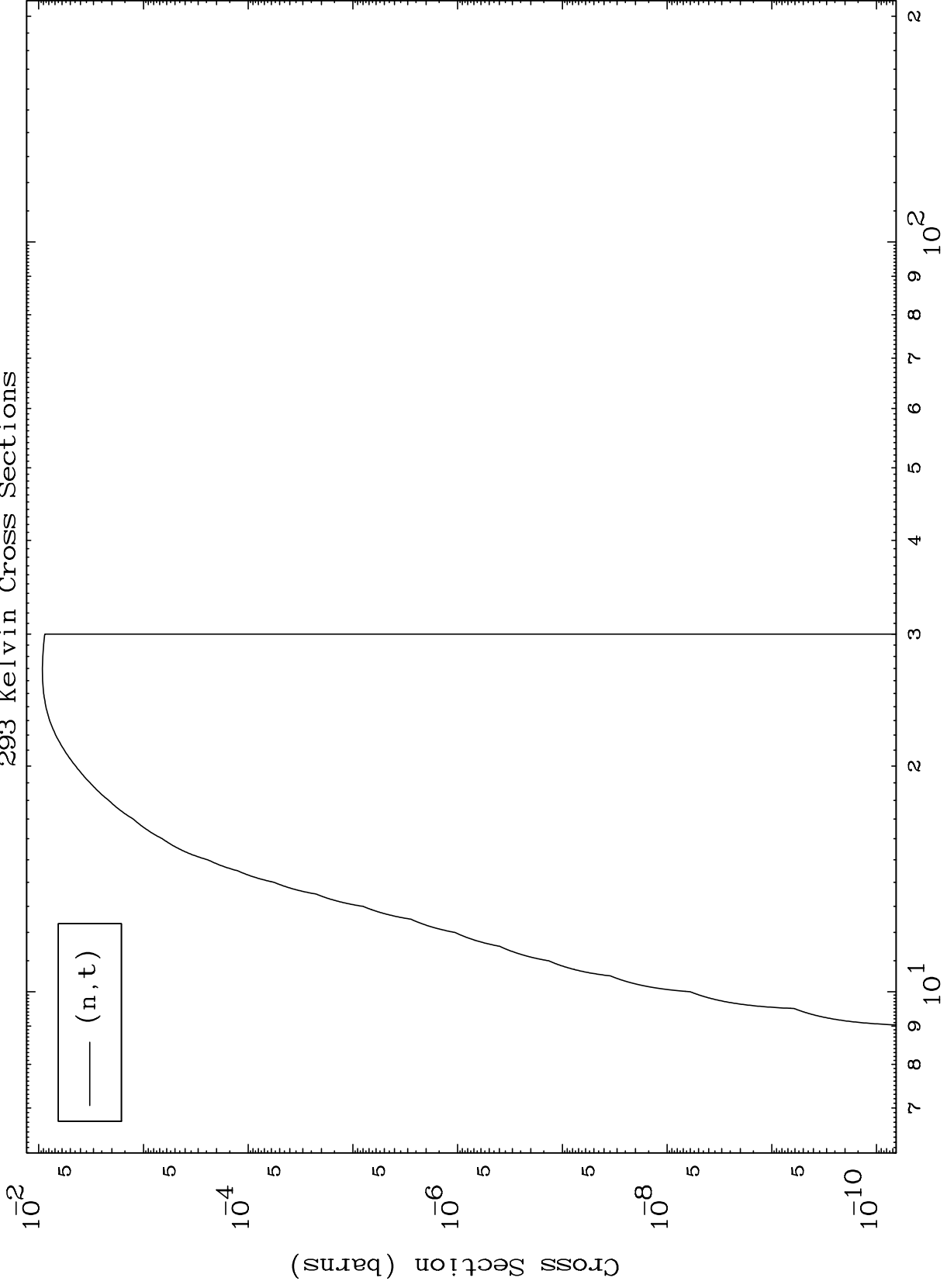
Incident Energy (MeV)

45-Rh-99

MAT 4513

(n, t) Levels  
293 Kelvin Cross Sections

45-Rh-99



12

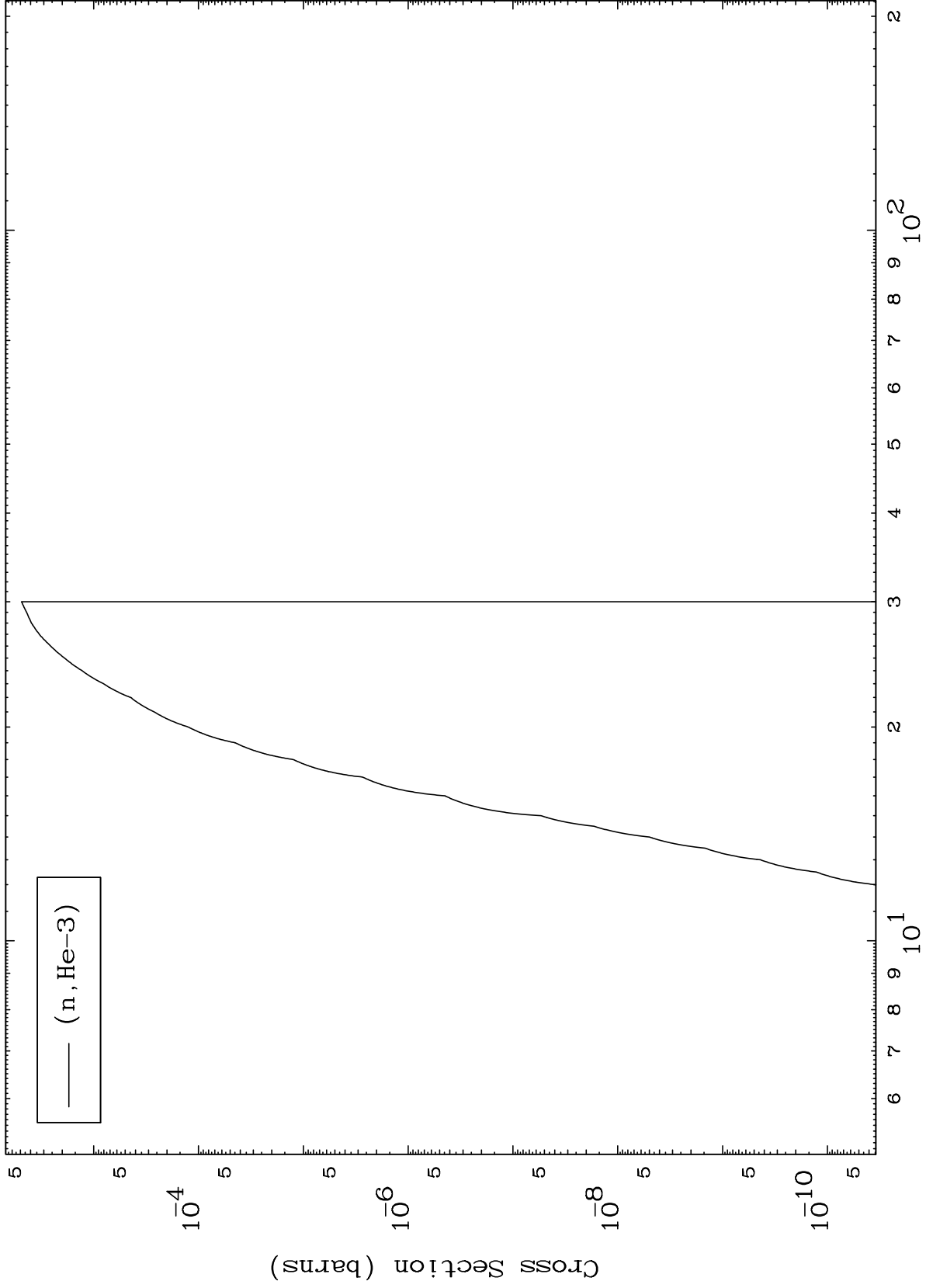
Incident Energy (MeV)

45-Rh-99

MAT 4513

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-99



(n, He-3)

13

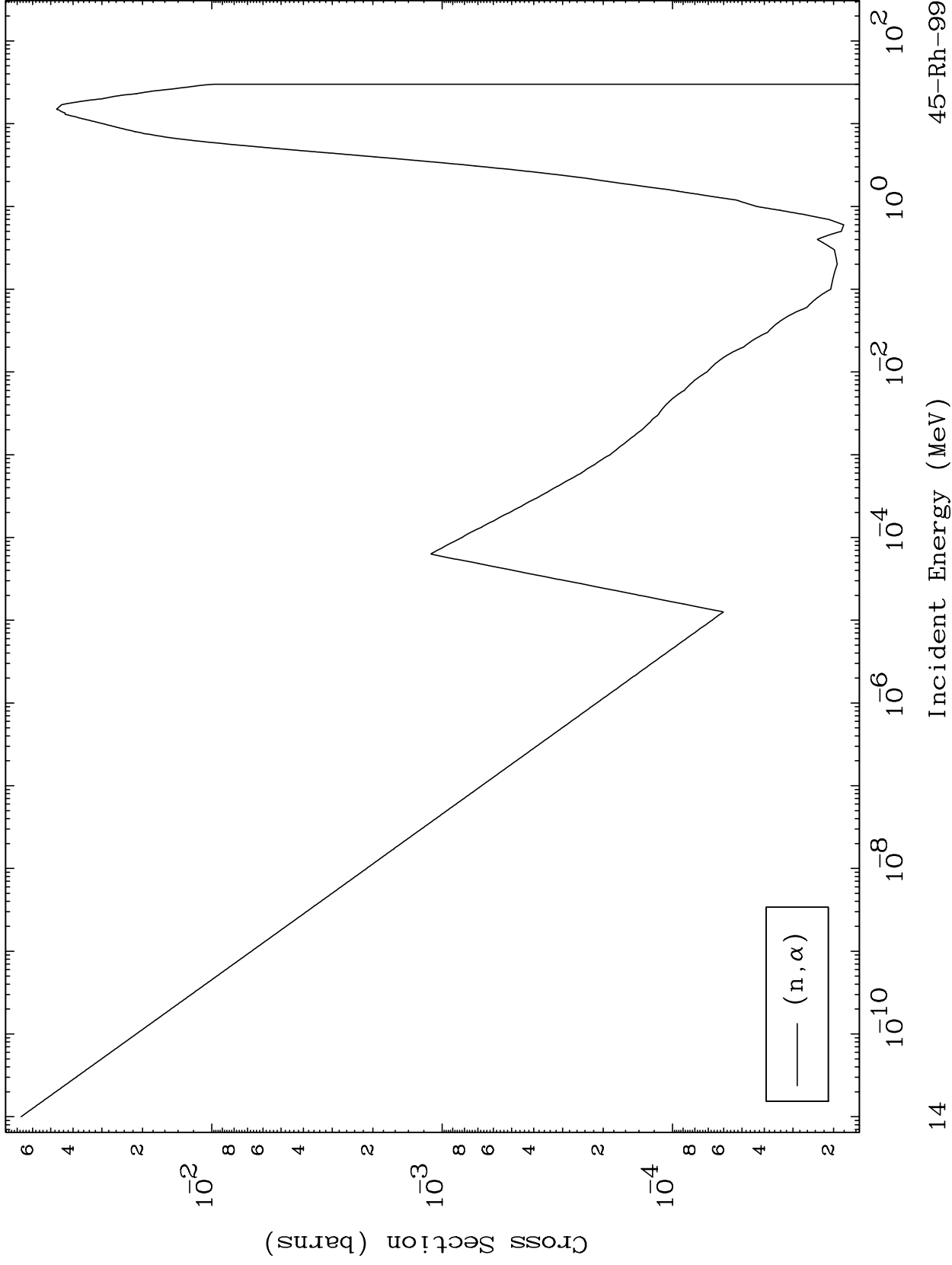
Incident Energy (MeV)

45-Rh-99

MAT 4513

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

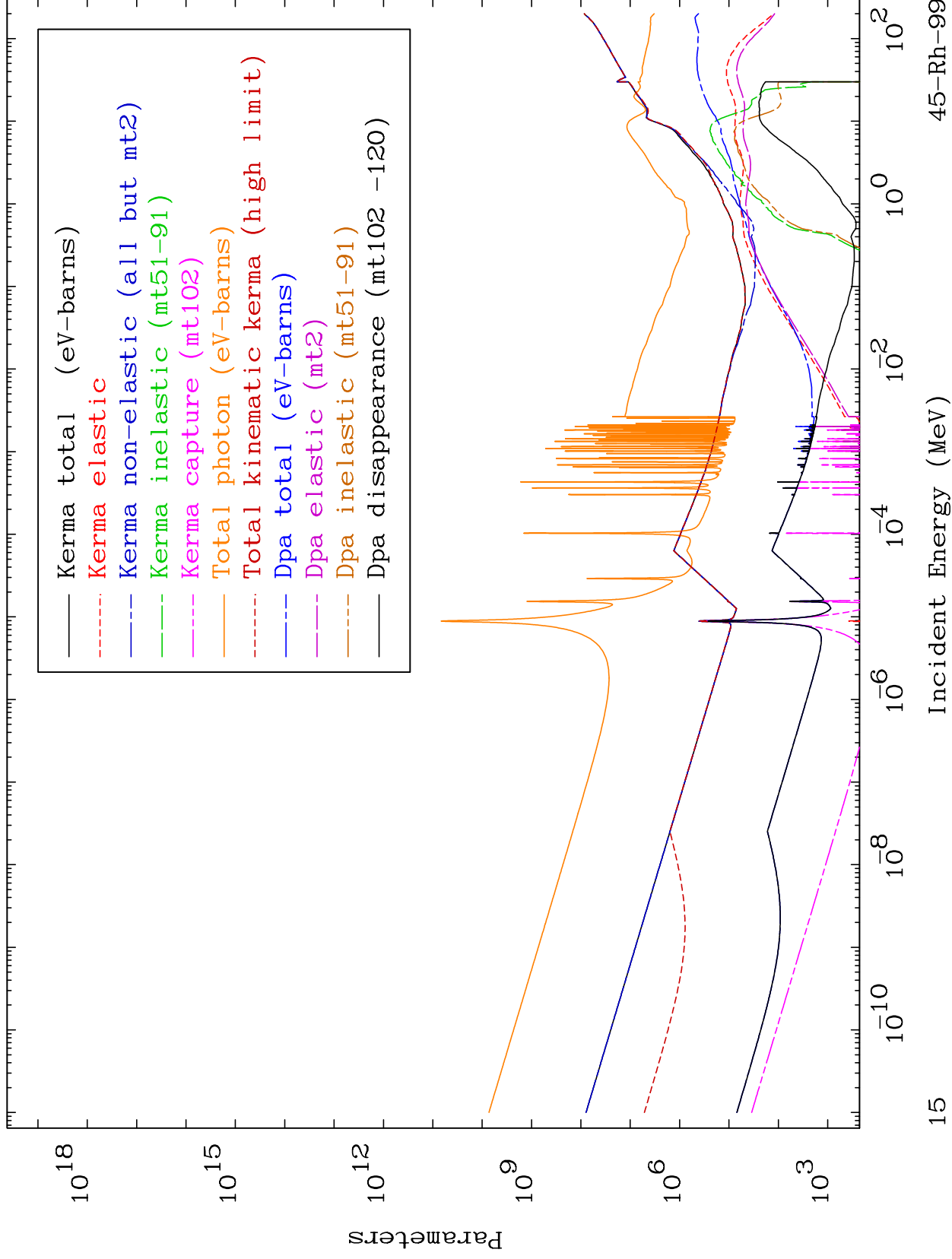
45-Rh-99



14

Incident Energy (MeV)

45-Rh-99

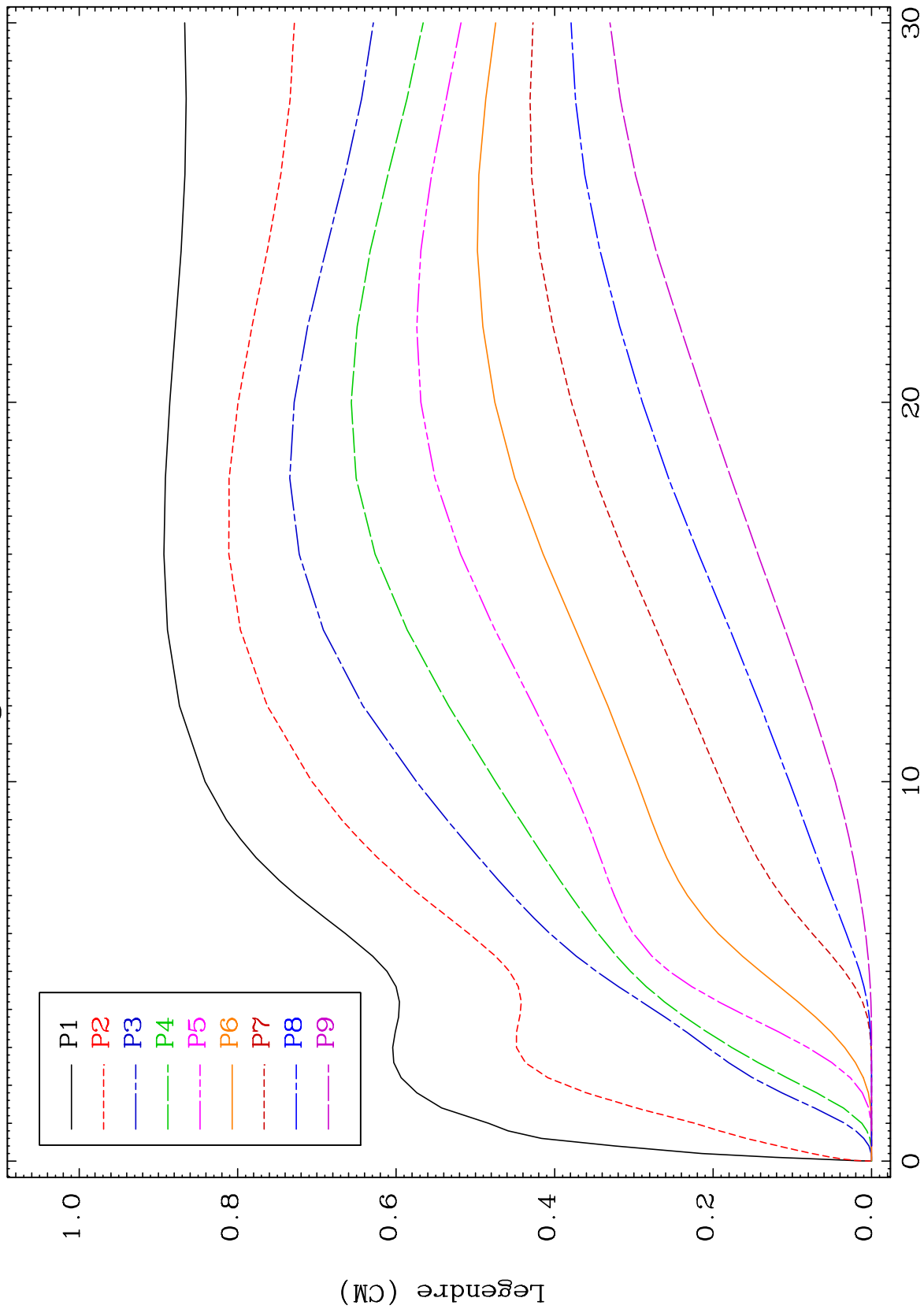




MAT 4513

Elastic Legendre Coefficients

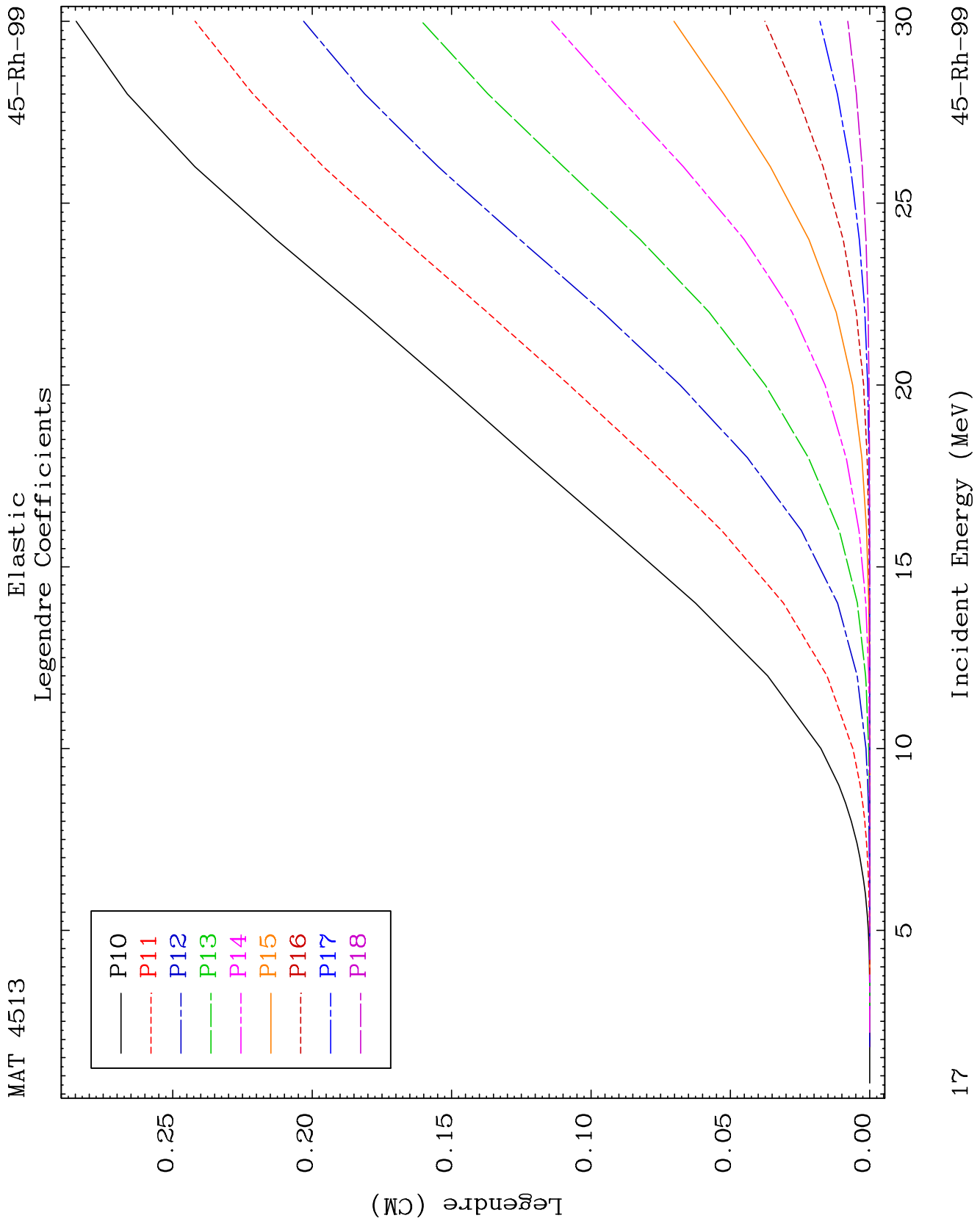
45-Rh-99



16

Incident Energy (MeV)

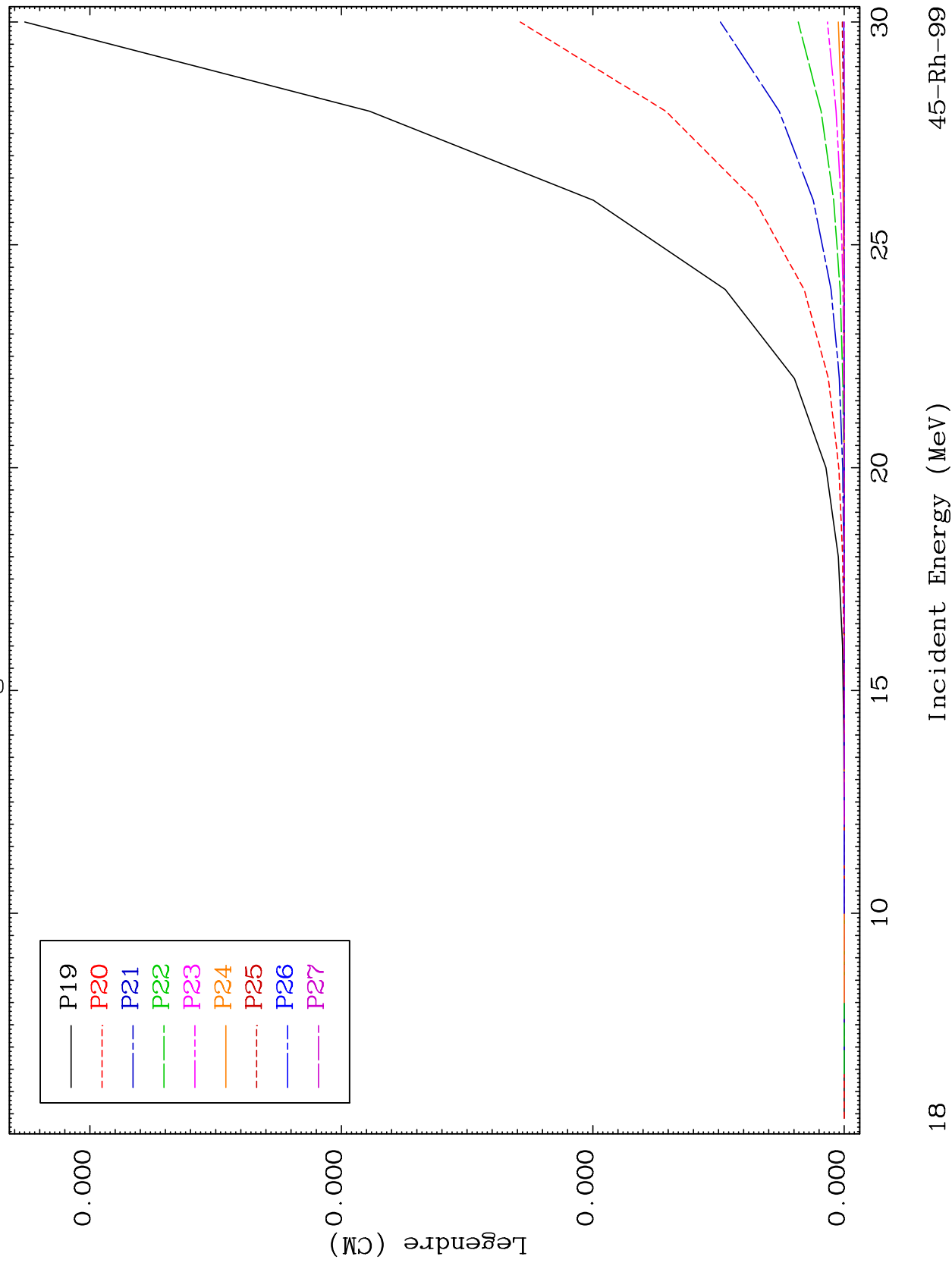
45-Rh-99



MAT 4513

### Elastic Legendre Coefficients

45-Rh-99



18

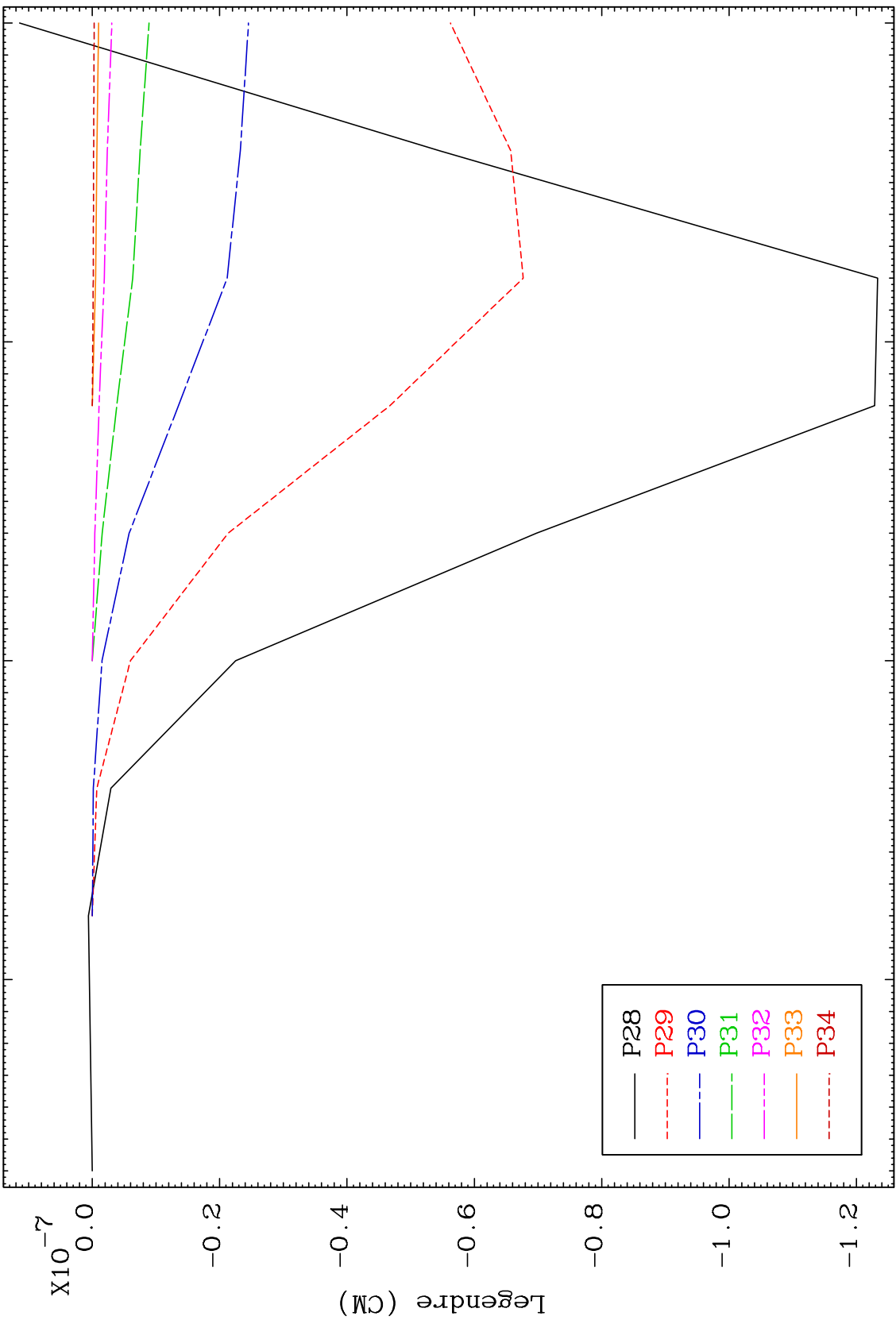
Incident Energy (MeV)

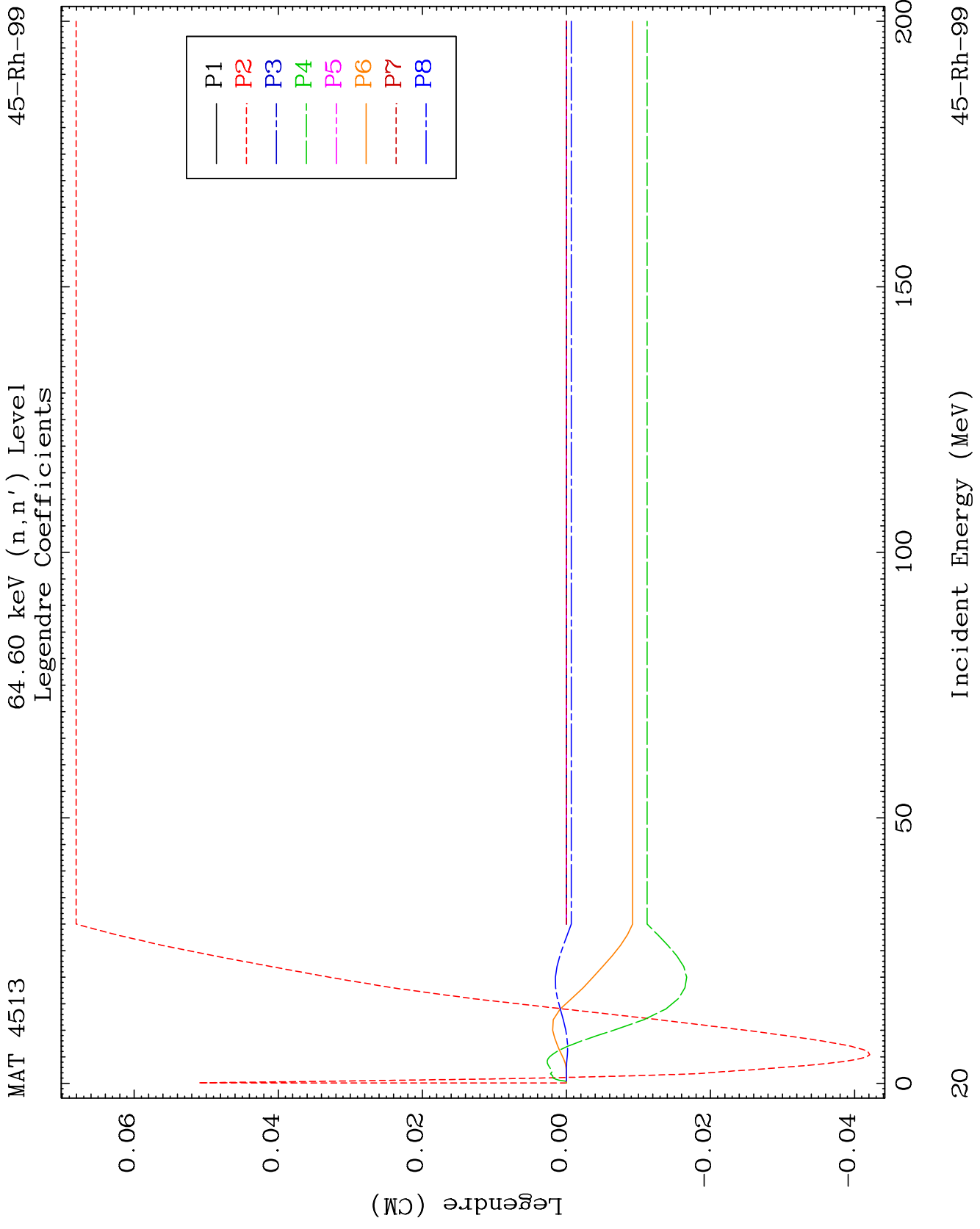
45-Rh-99

MAT 4513

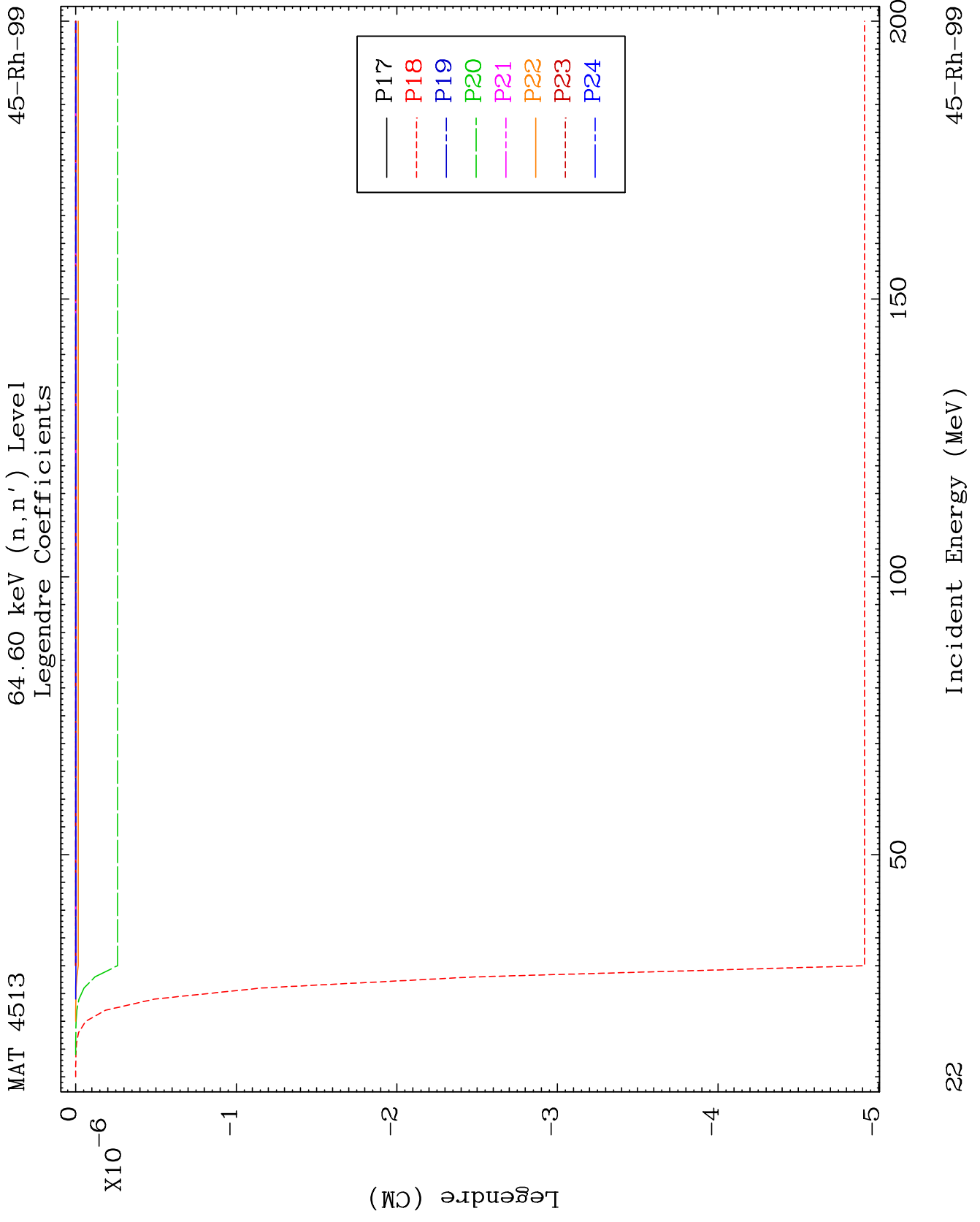
Elastic Legendre Coefficients

45-Rh-99









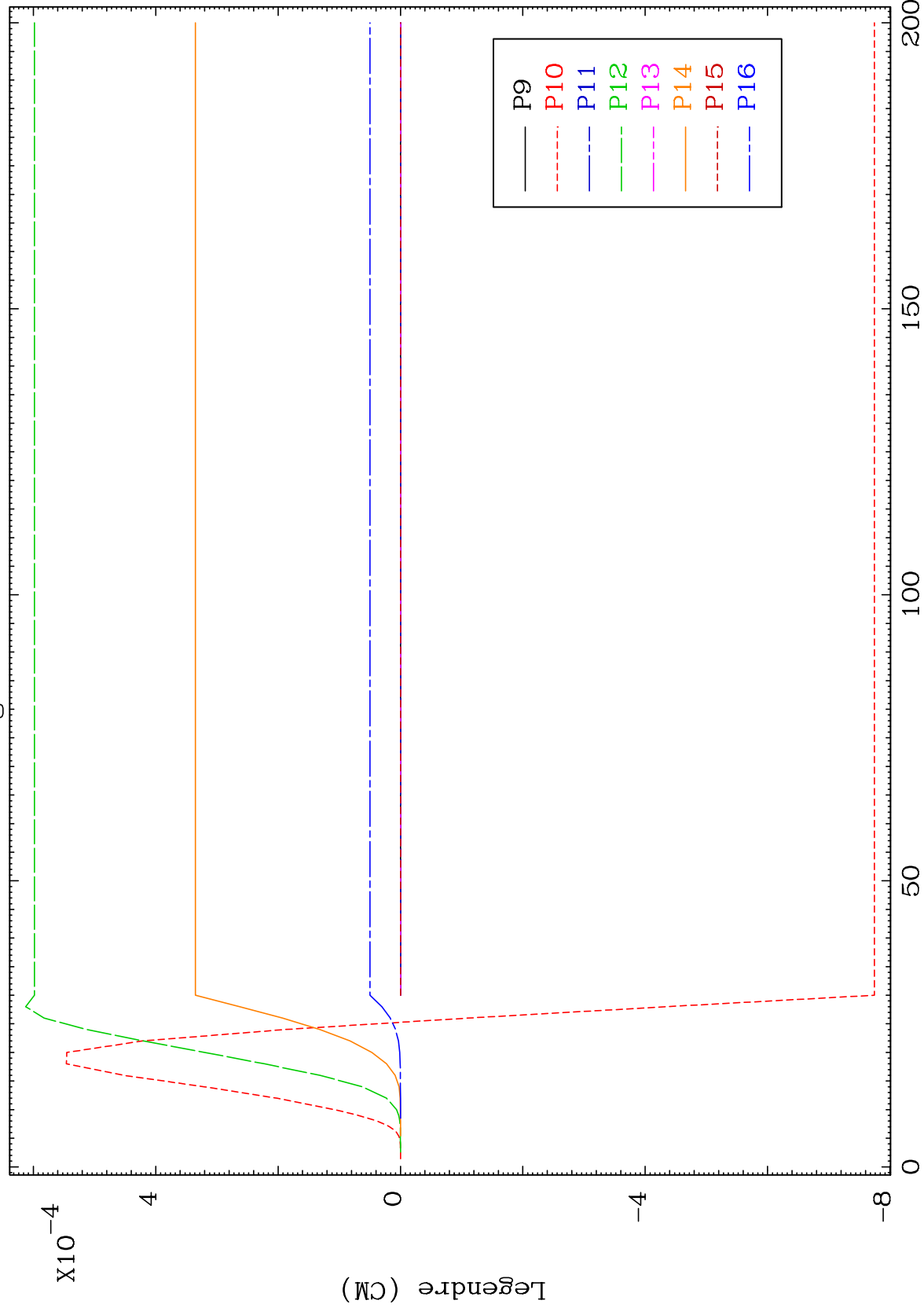




MAT 4513

200.7 keV (n,n') Level  
Legendre Coefficients

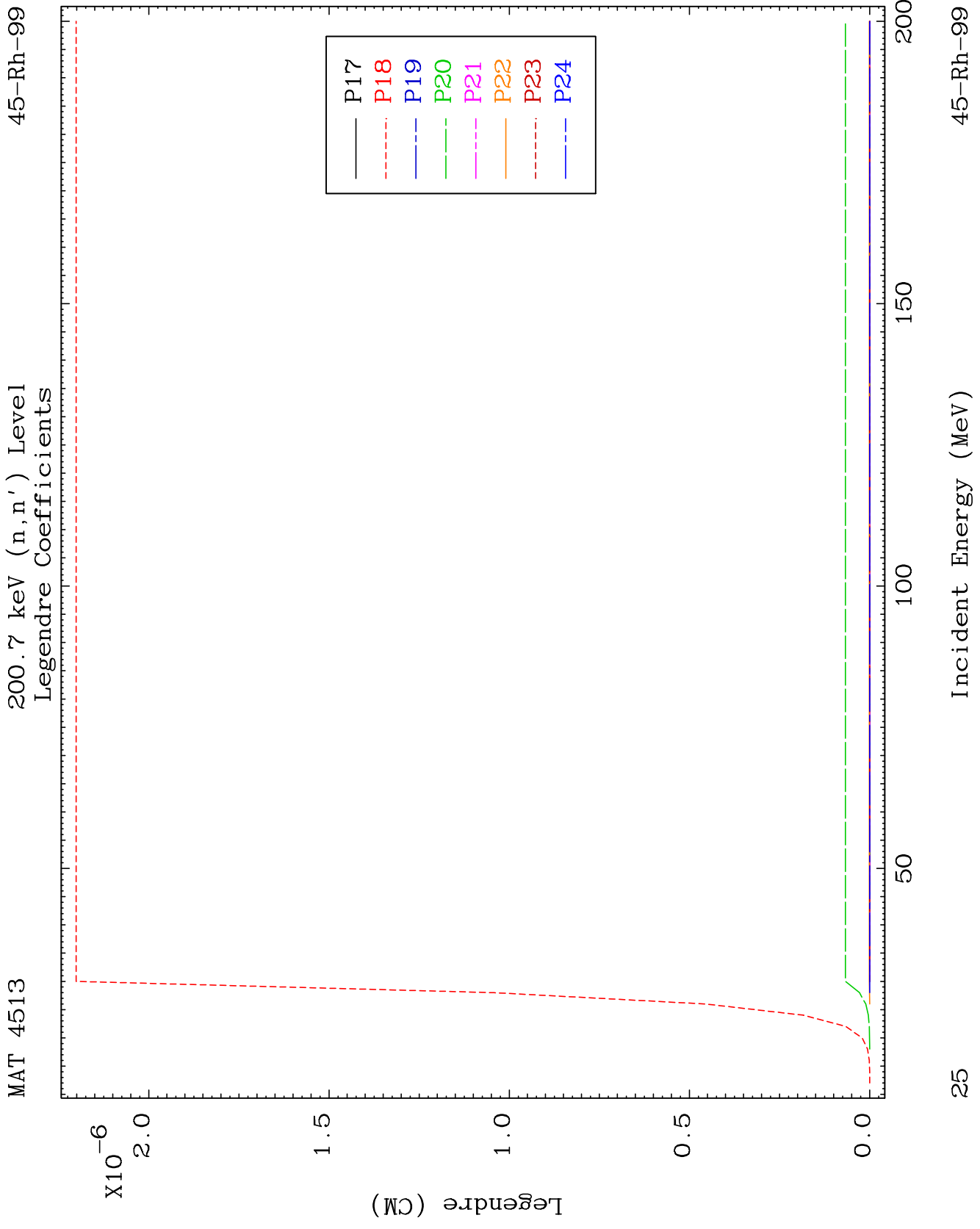
45-Rh-99

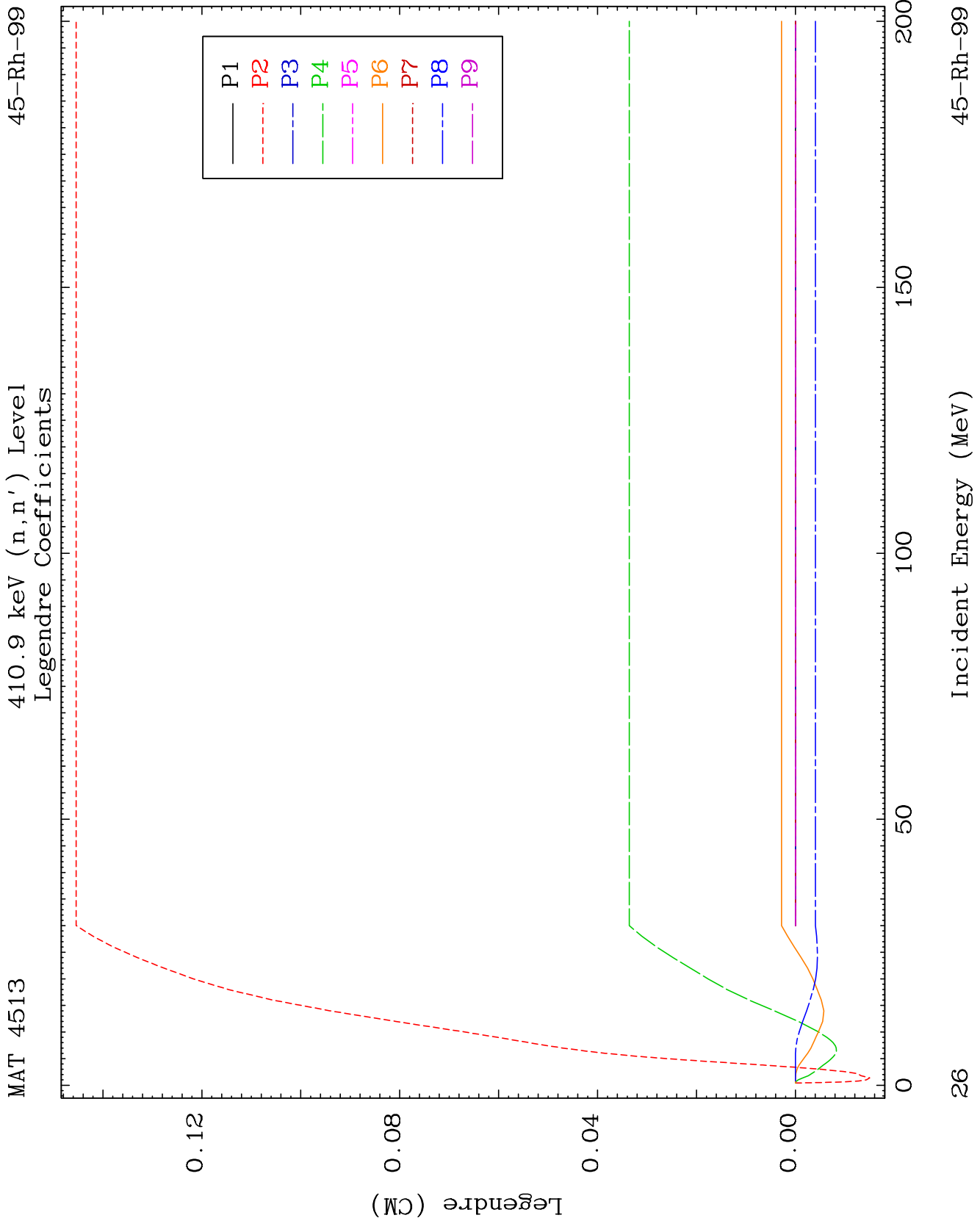


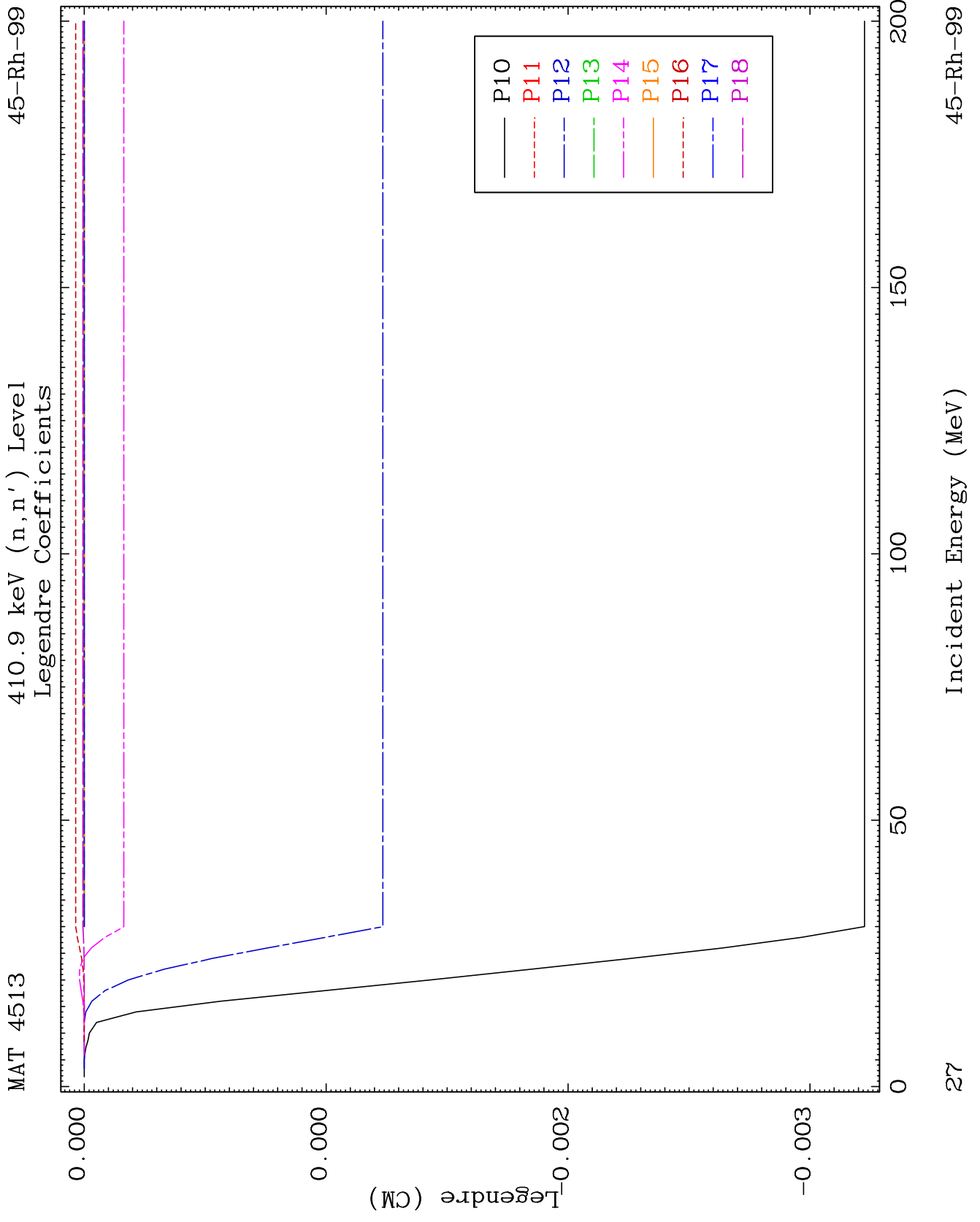
24

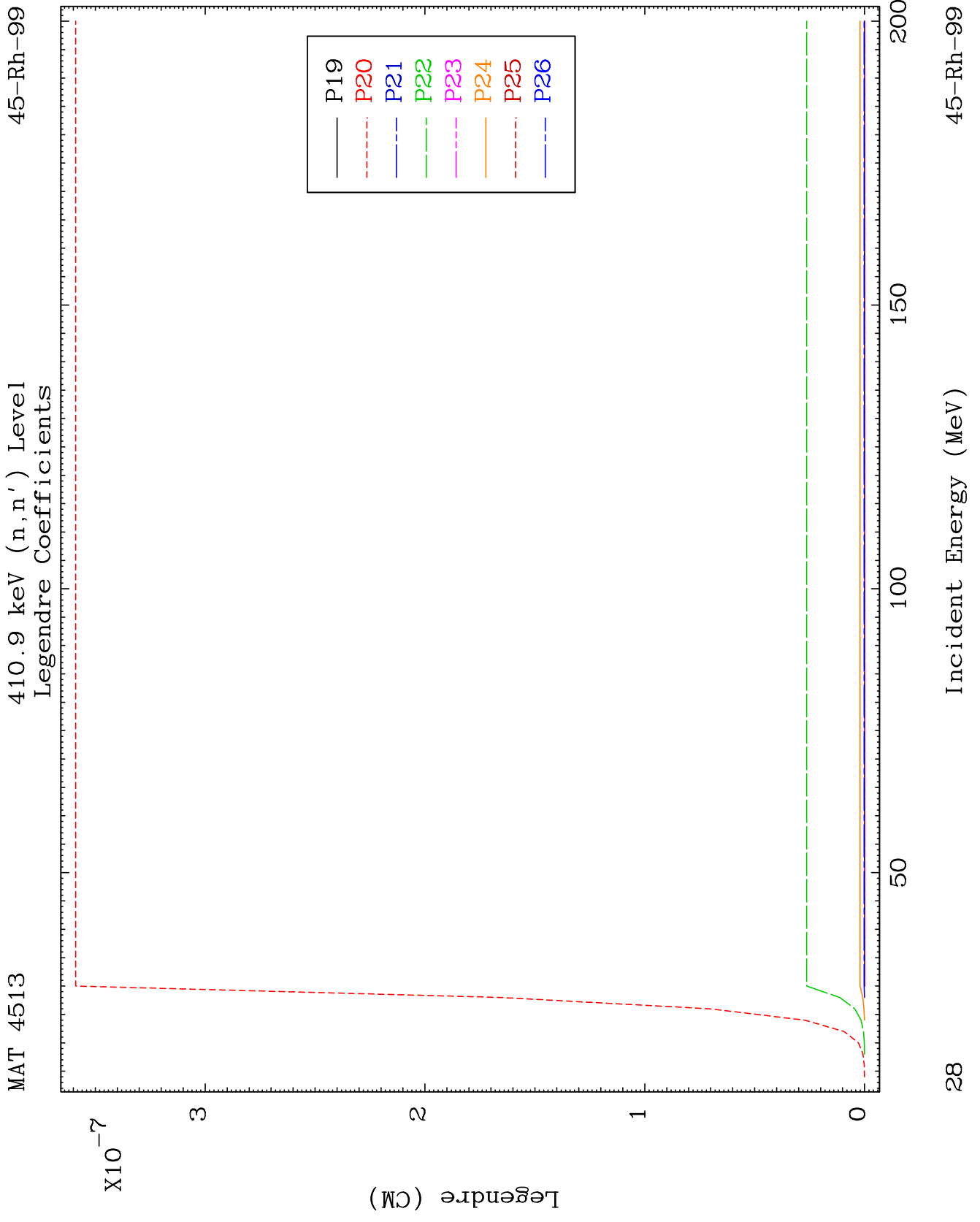
Incident Energy (MeV)

45-Rh-99





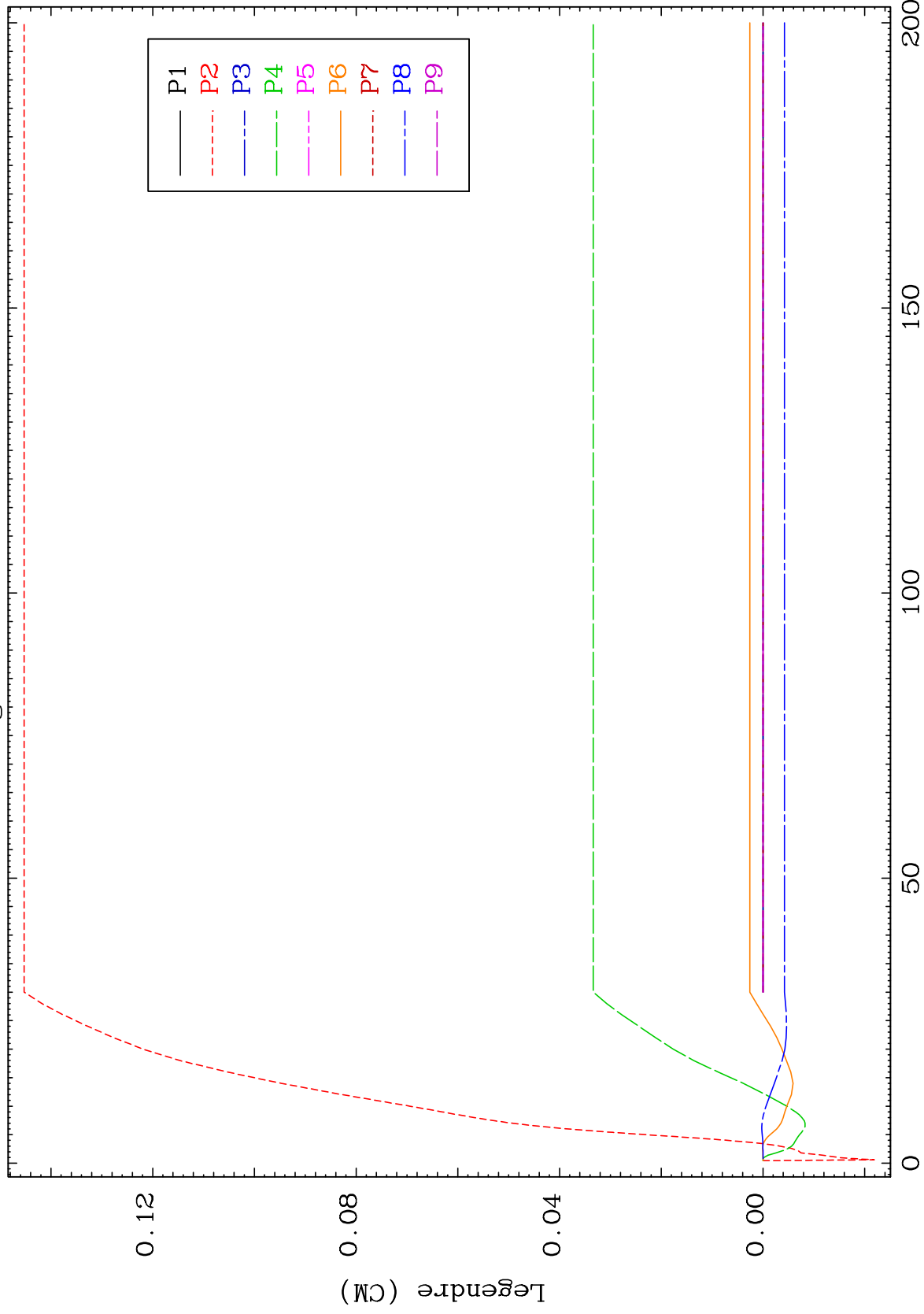




MAT 4513

427.8 keV (n,n') Level  
Legendre Coefficients

45-Rh-99



29

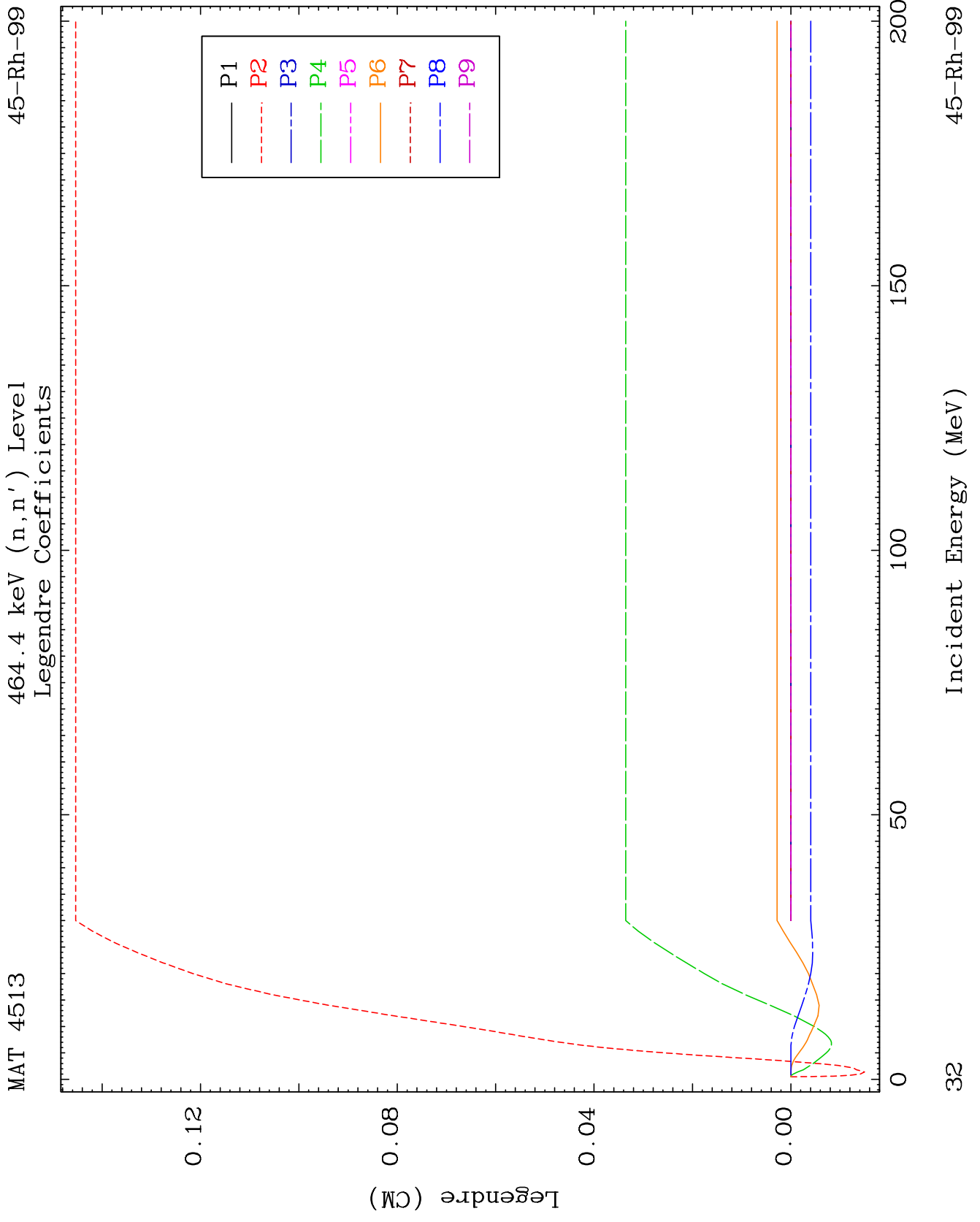
Incident Energy (MeV)

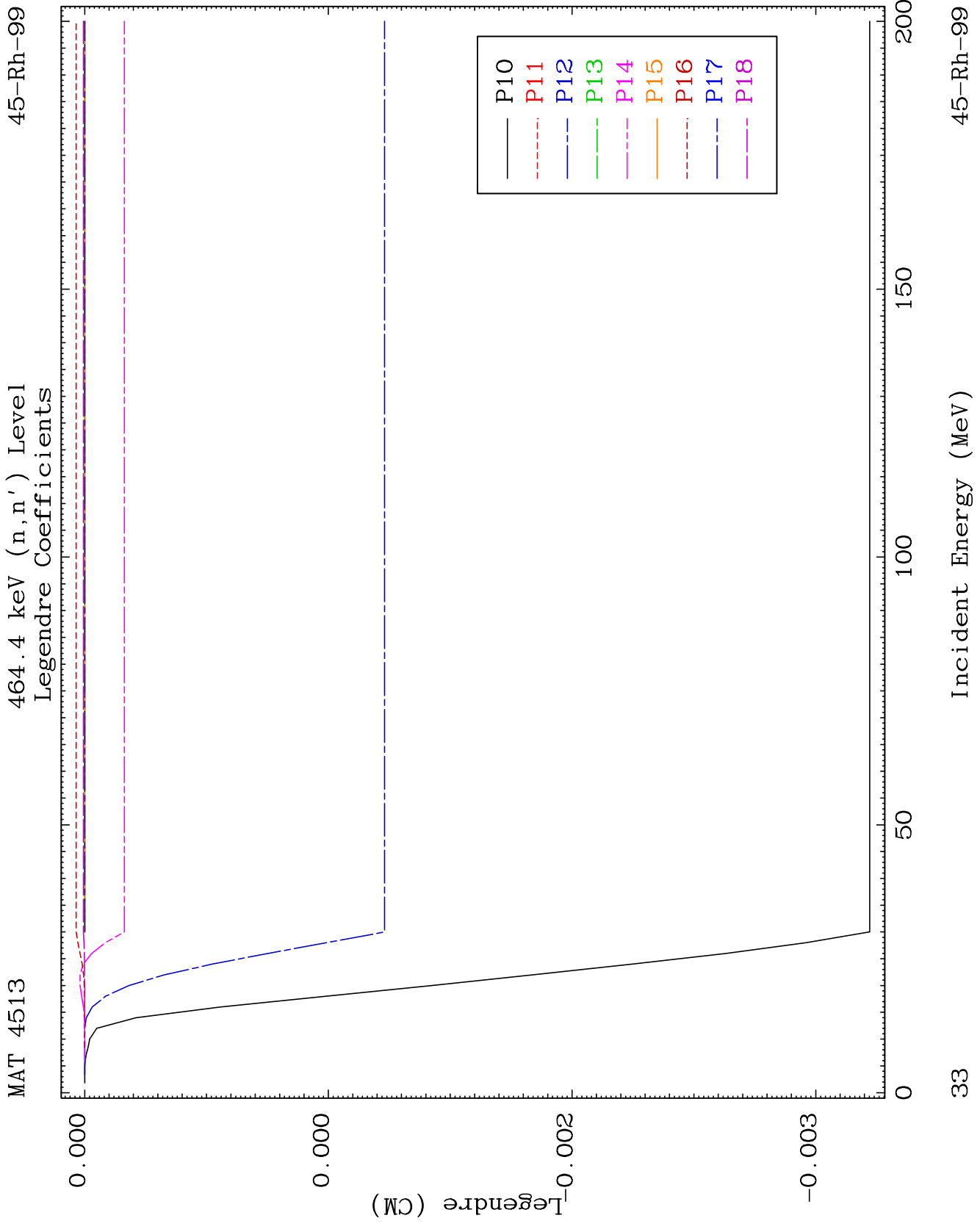
45-Rh-99









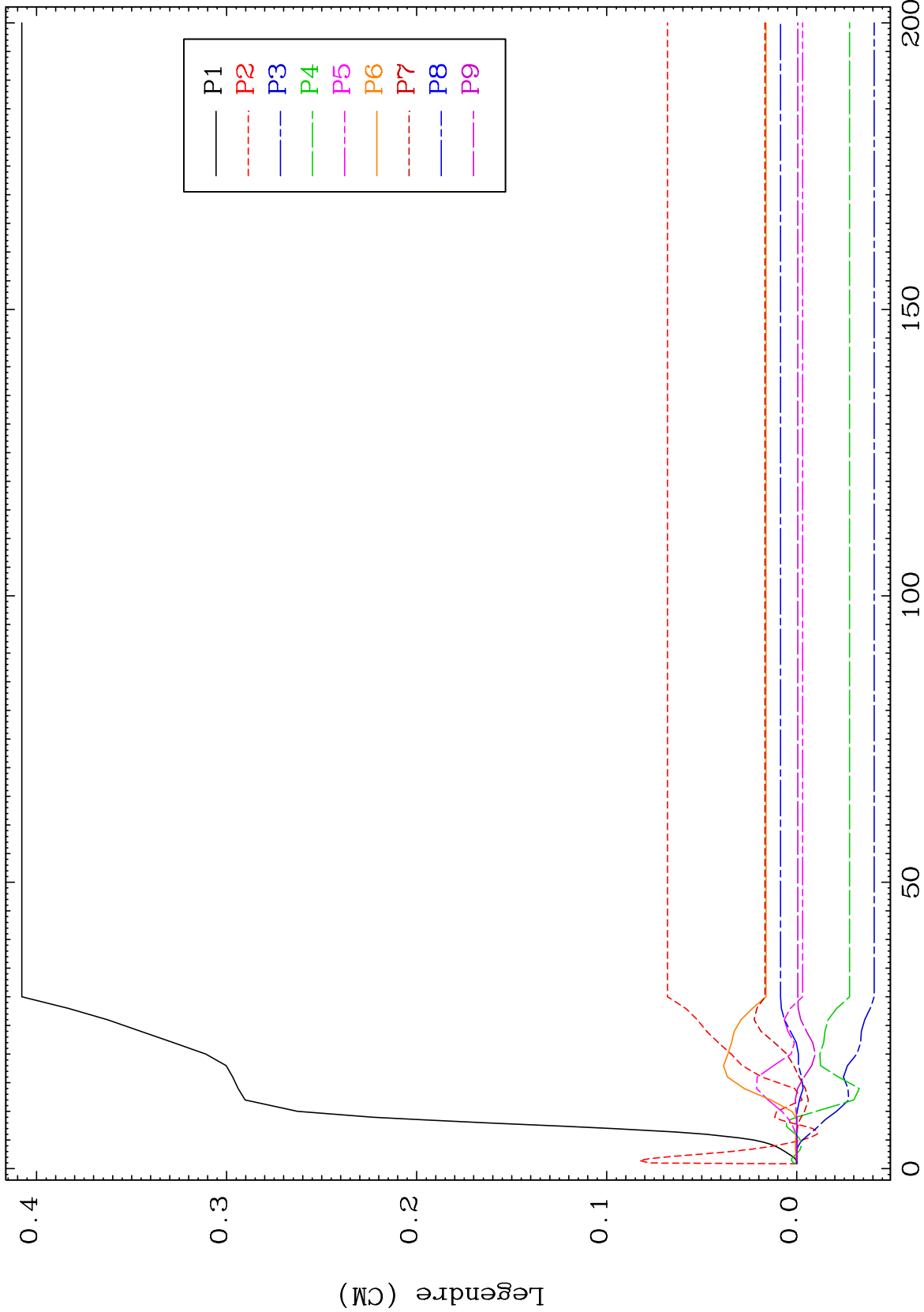




MAT 4513

842.2 keV (n,n') Level  
Legendre Coefficients

45-Rh-99



45-Rh-99

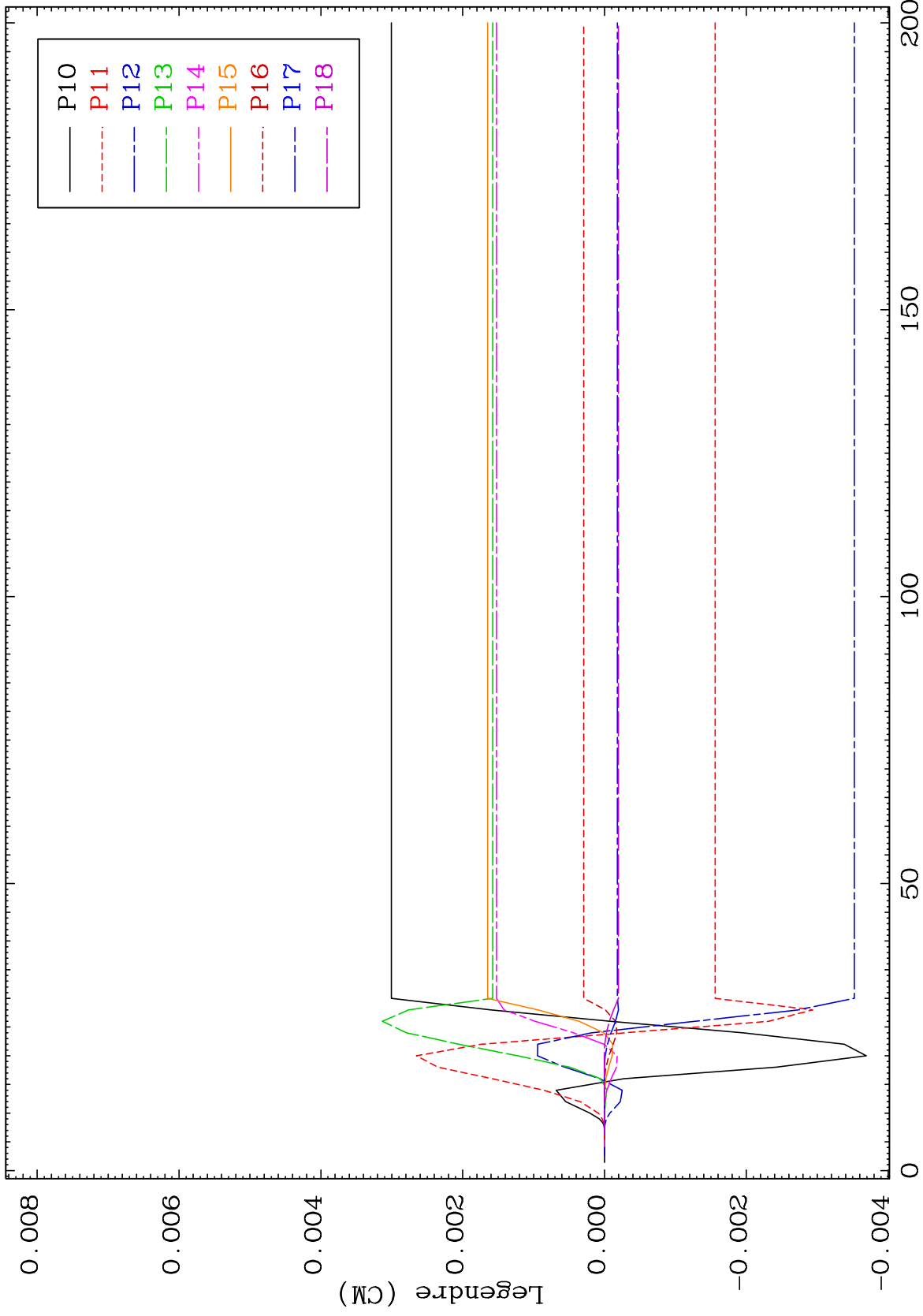
Incident Energy (MeV)

35

MAT 4513

842.2 keV (n,n') Level  
Legendre Coefficients

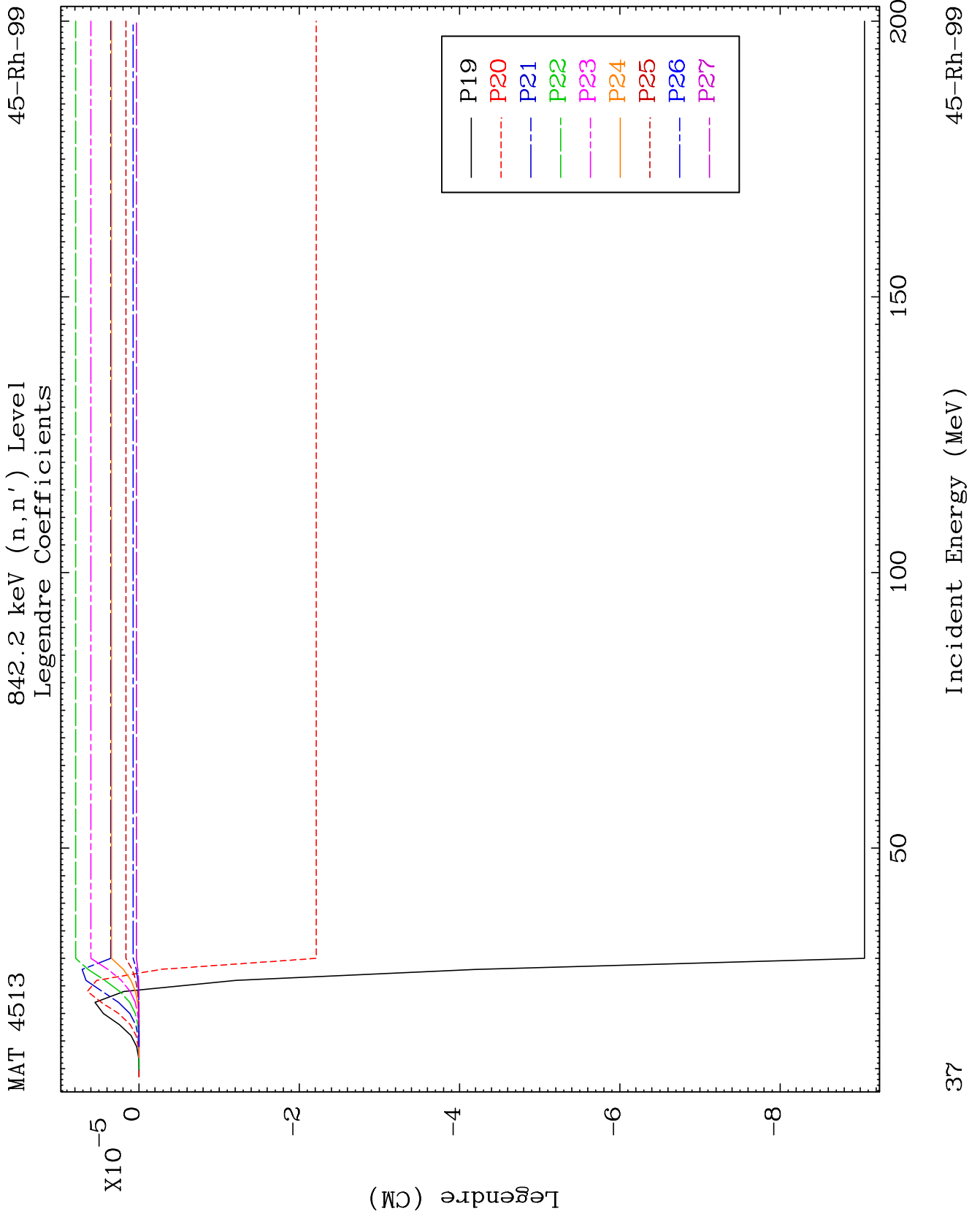
45-Rh-99



36

Incident Energy (MeV)

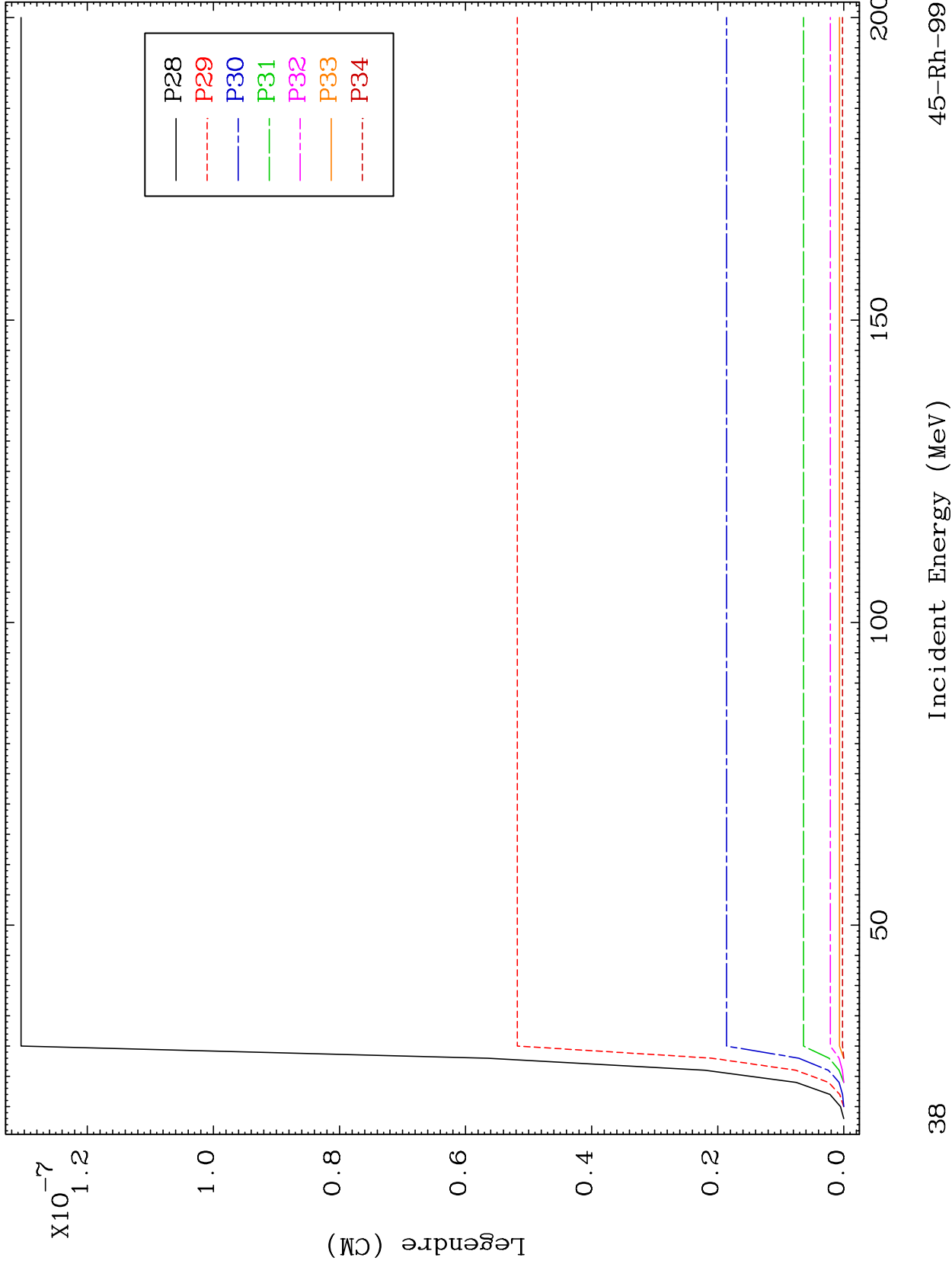
45-Rh-99



MAT 4513

842.2 keV (n,n') Level  
Legendre Coefficients

45-Rh-99

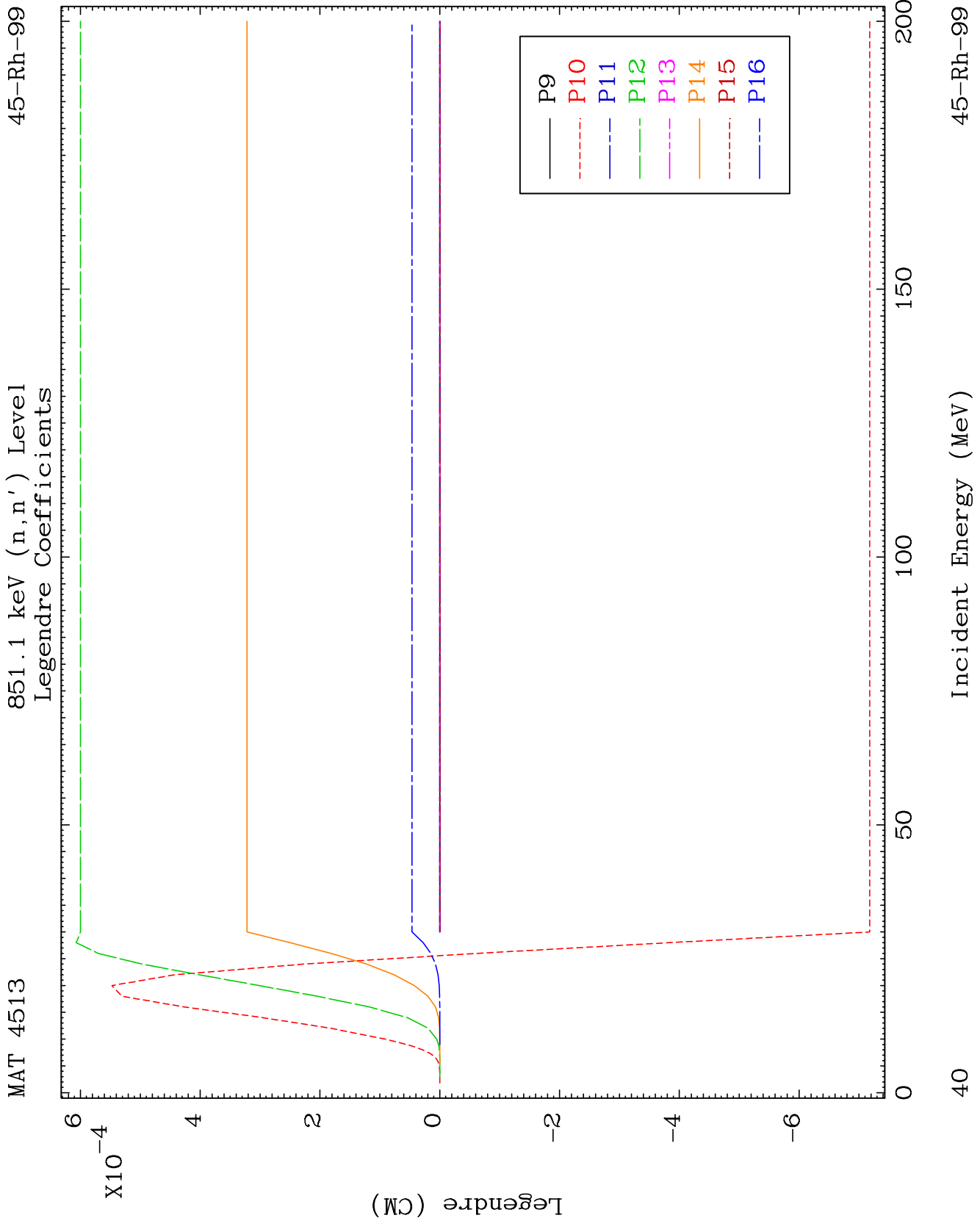


38

45-Rh-99





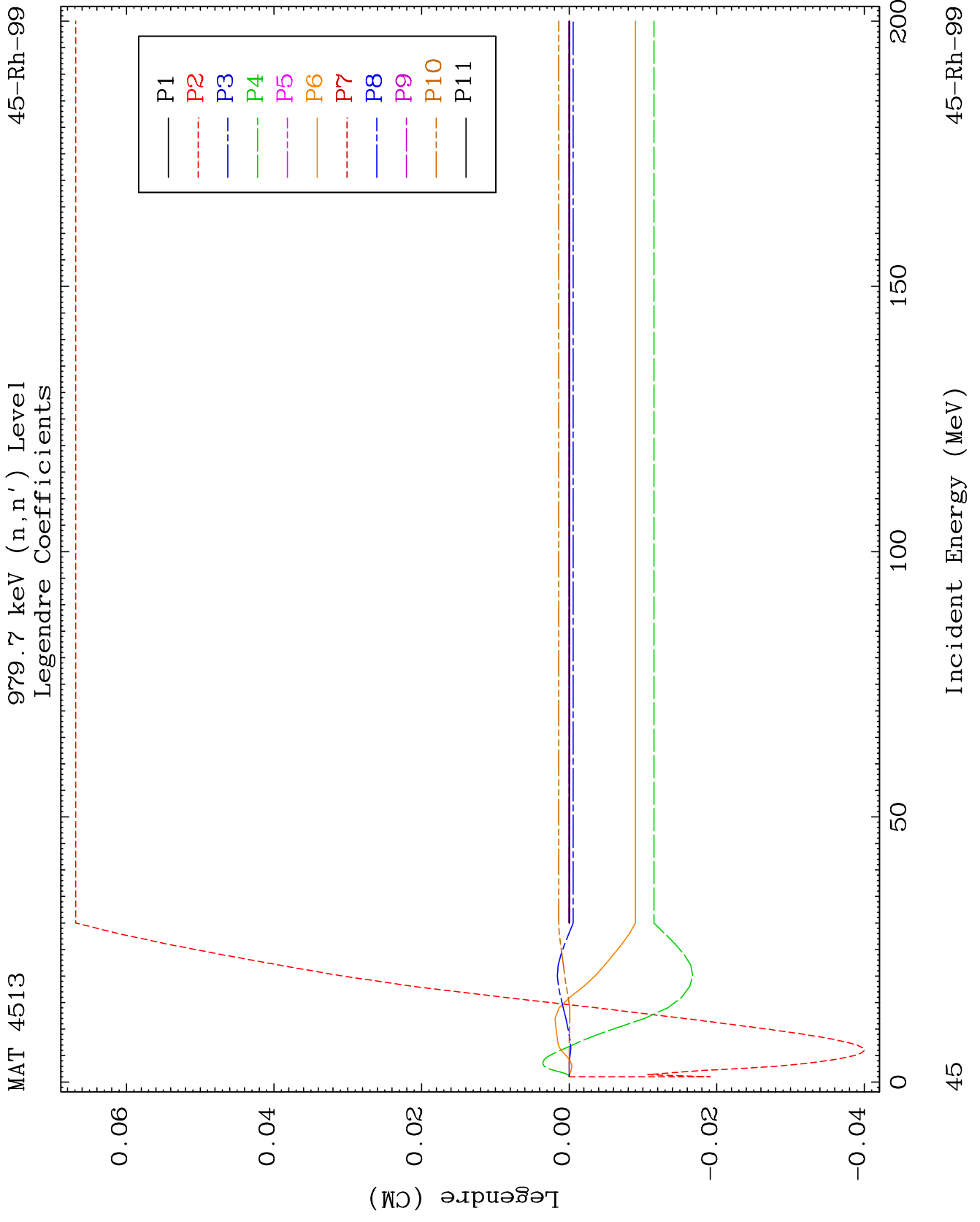








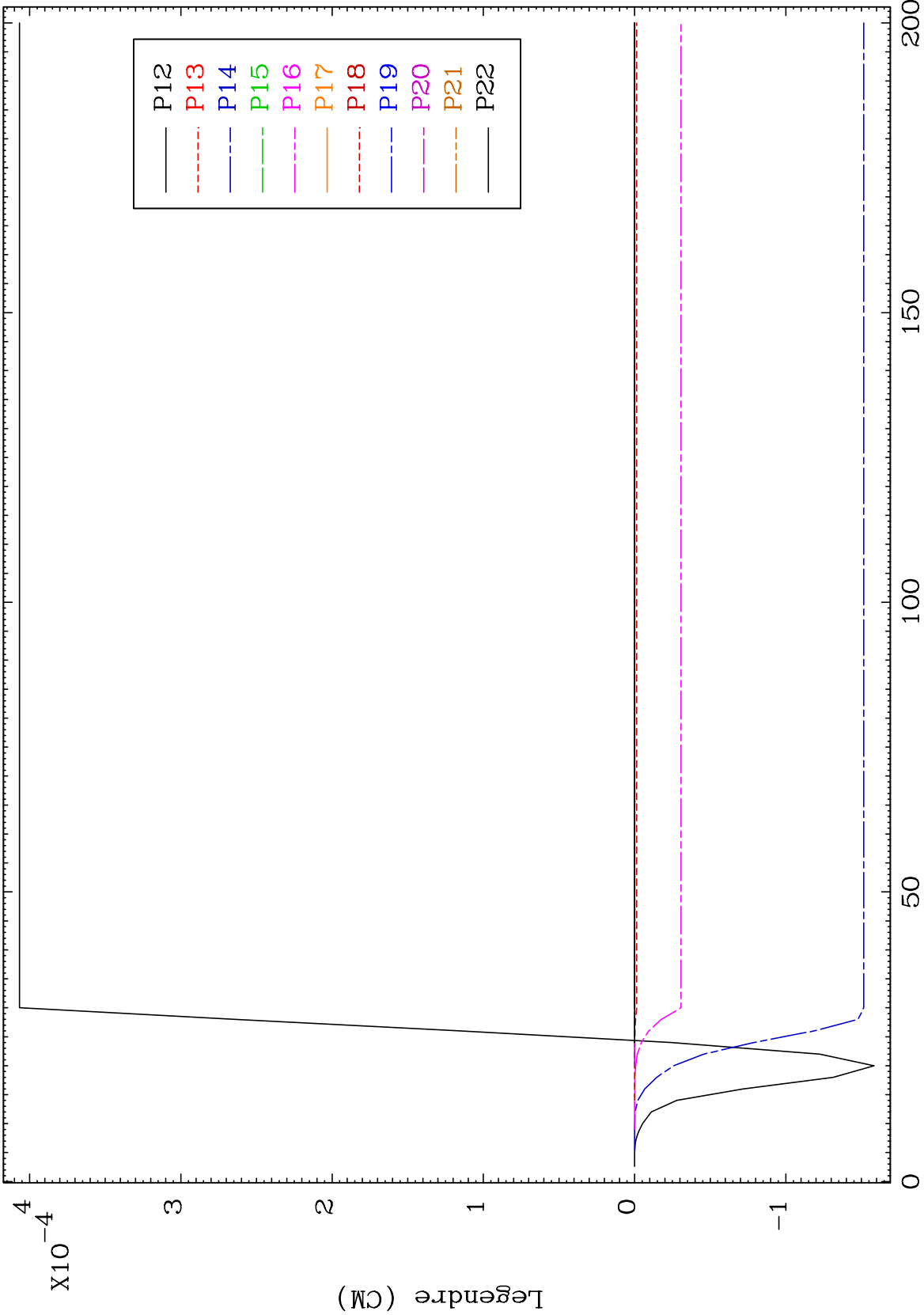




MAT 4513

979.7 keV (n,n') Level  
Legendre Coefficients

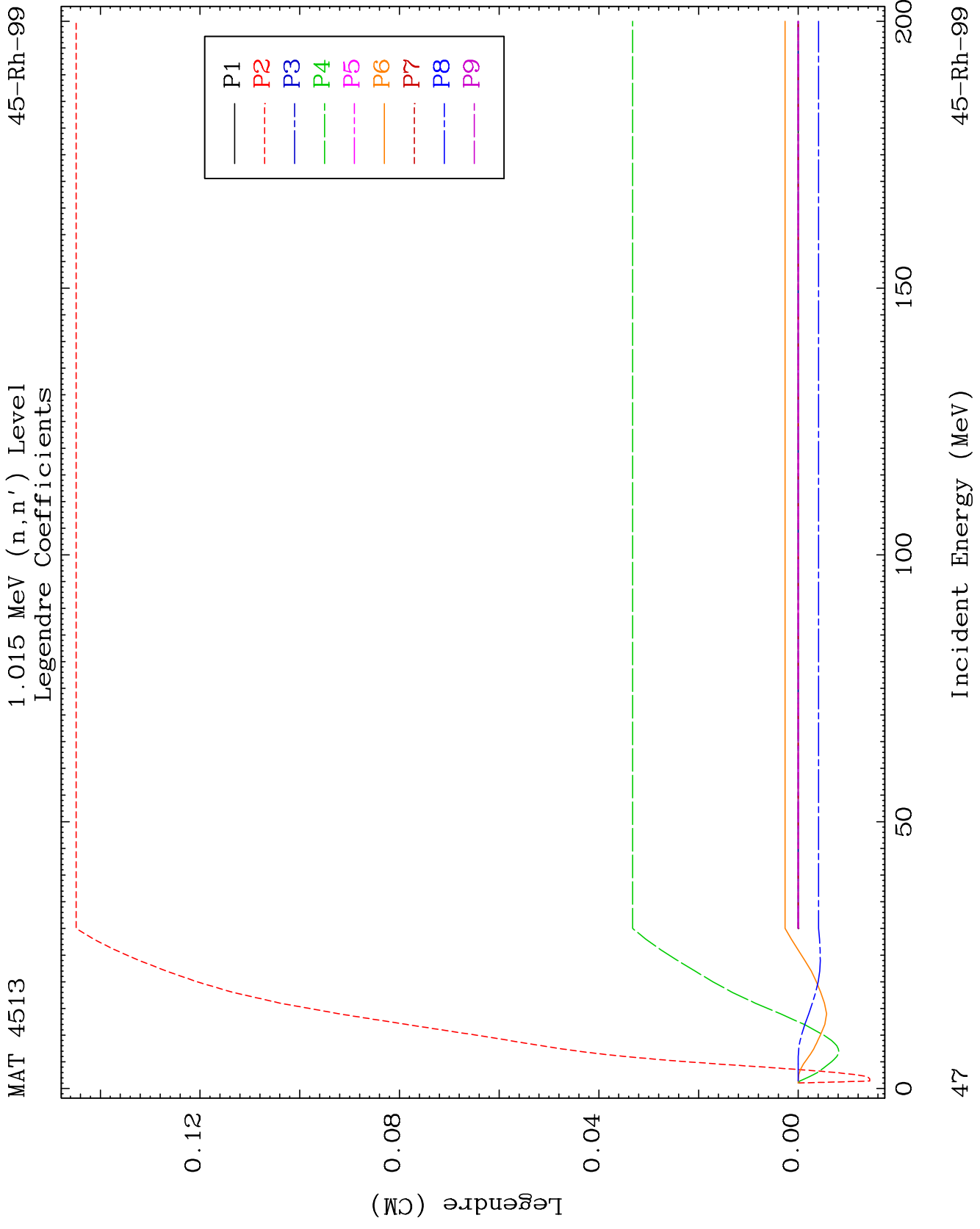
45-Rh-99



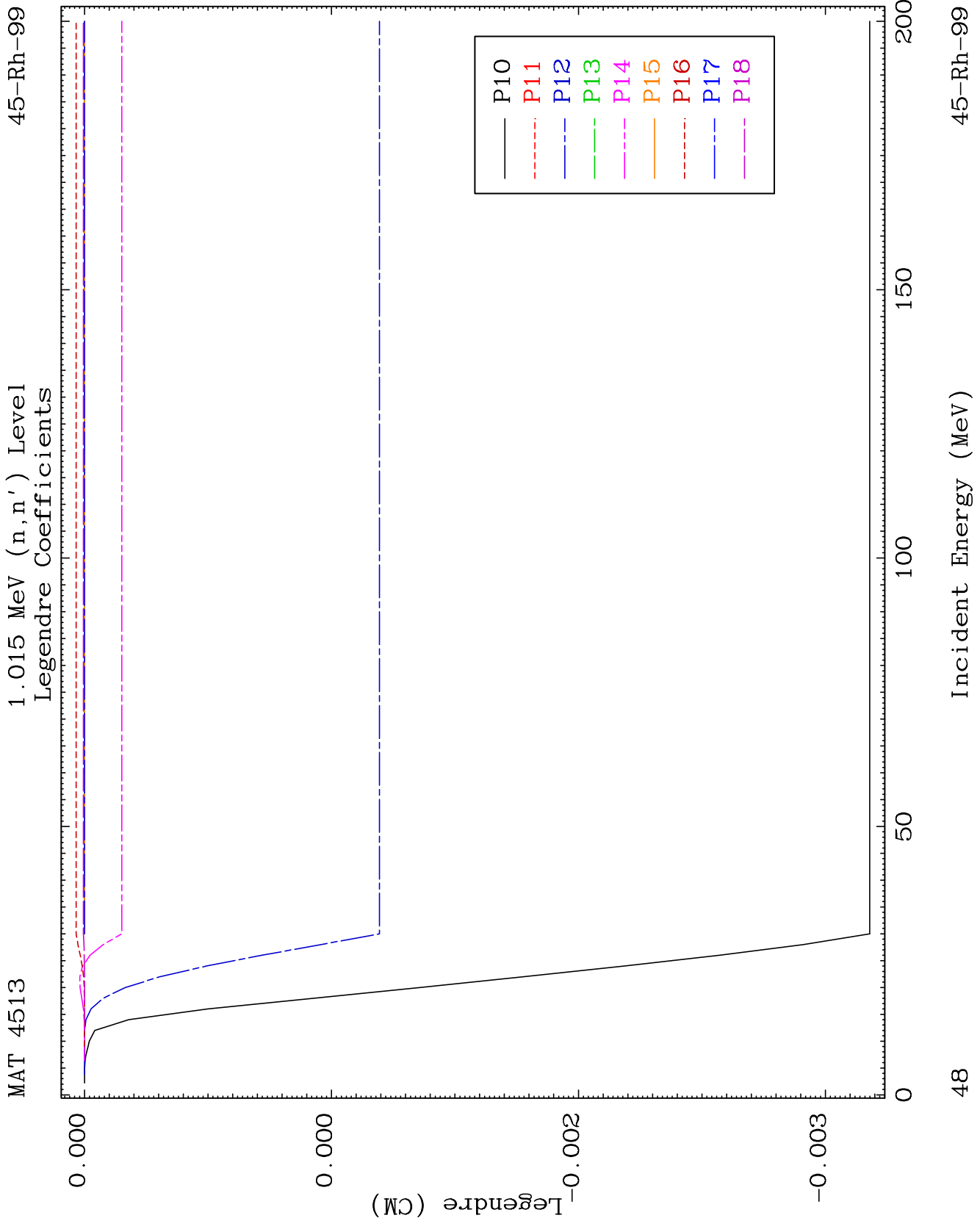
46

Incident Energy (MeV)

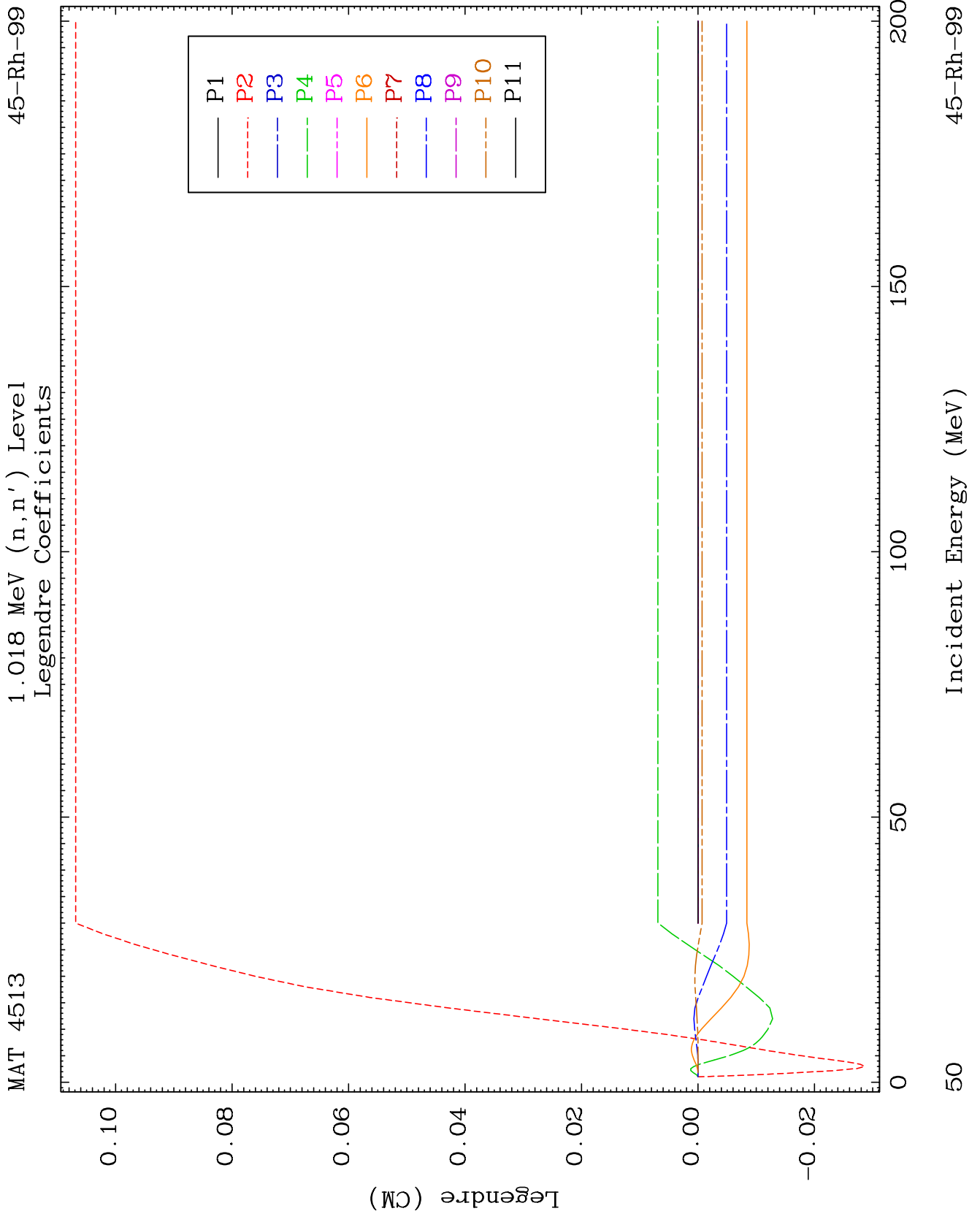
45-Rh-99







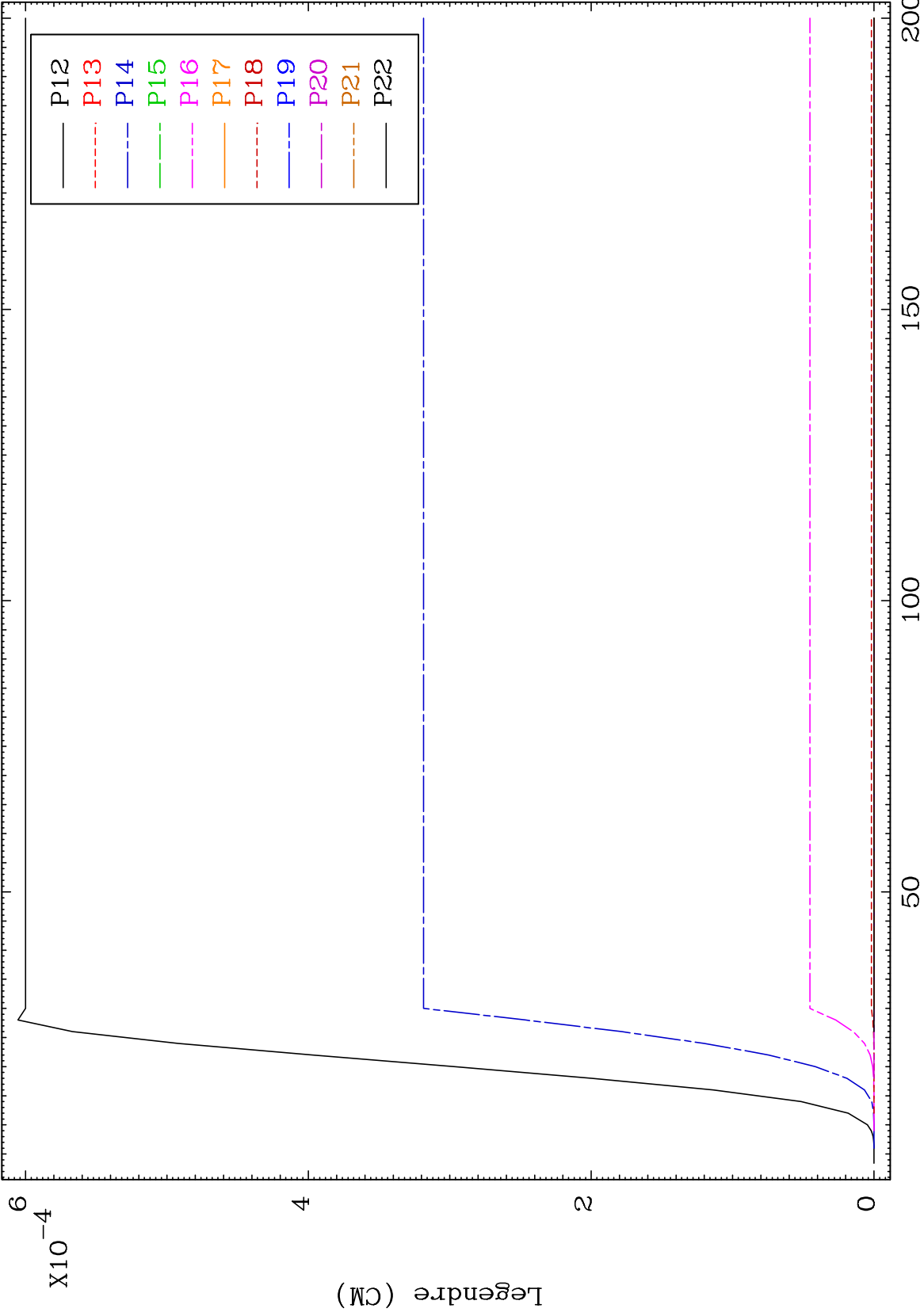




MAT 4513

1.018 MeV (n,n') Level  
Legendre Coefficients

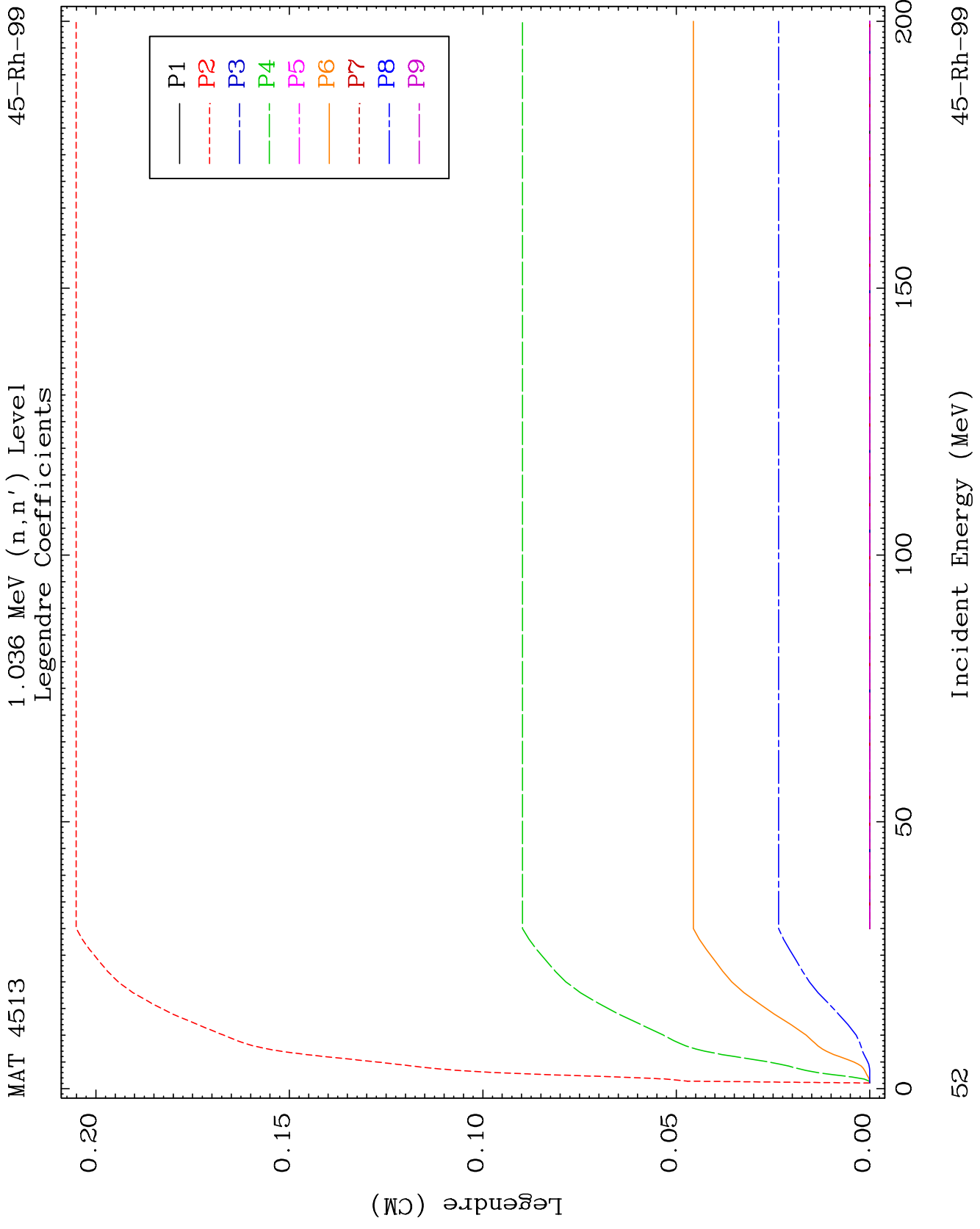
45-Rh-99



51

Incident Energy (MeV)

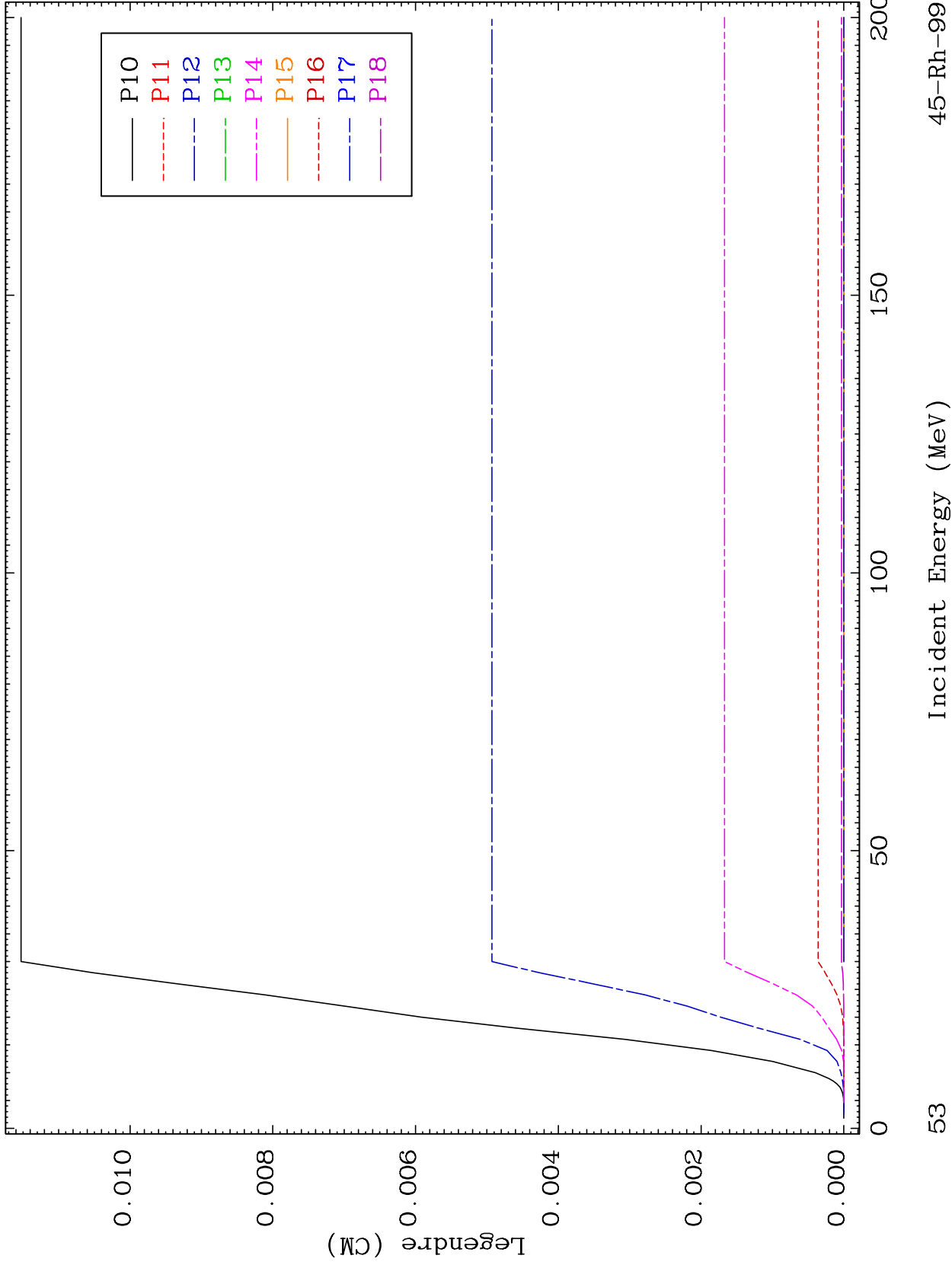
45-Rh-99



MAT 4513

1.036 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99



53

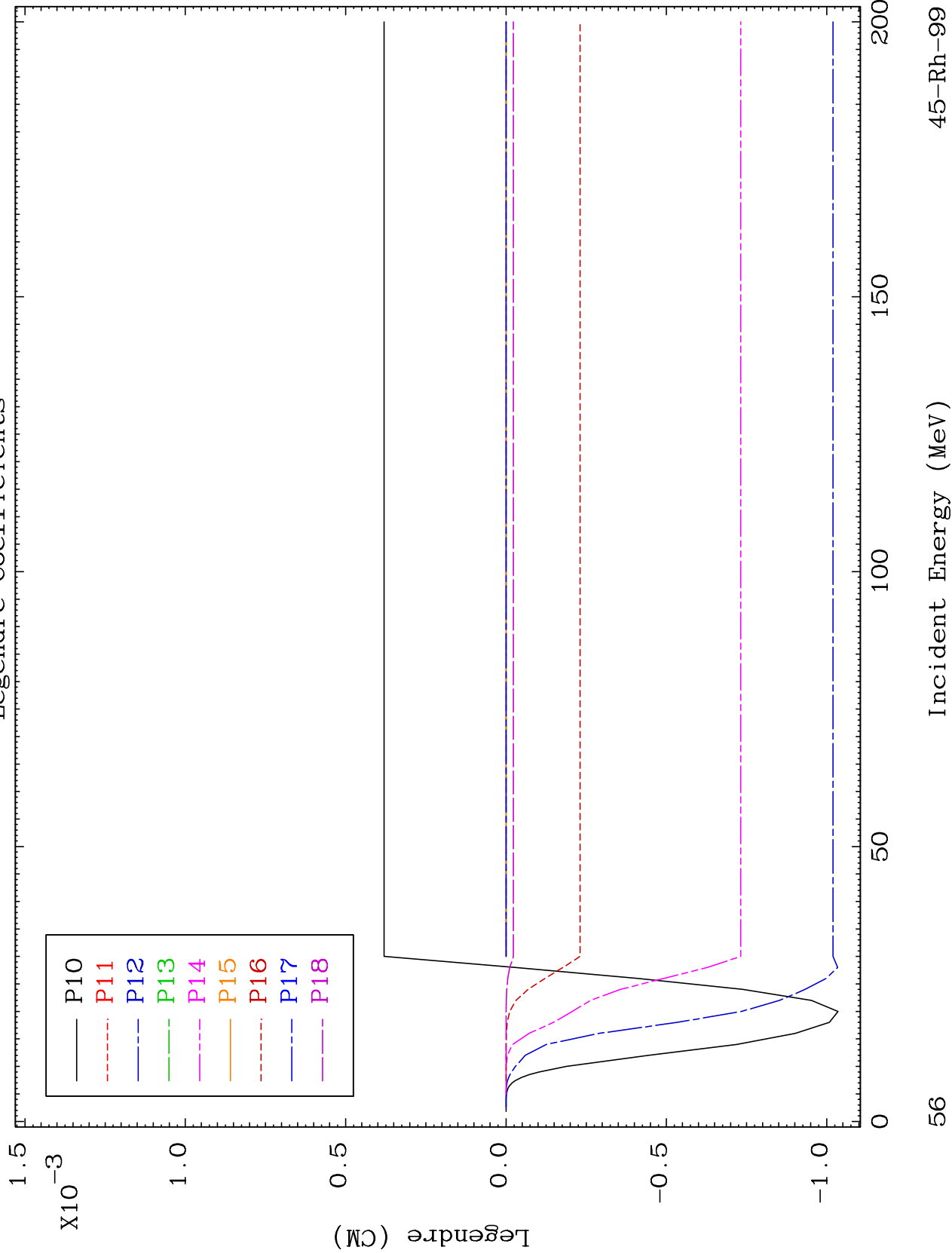
Incident Energy (MeV)

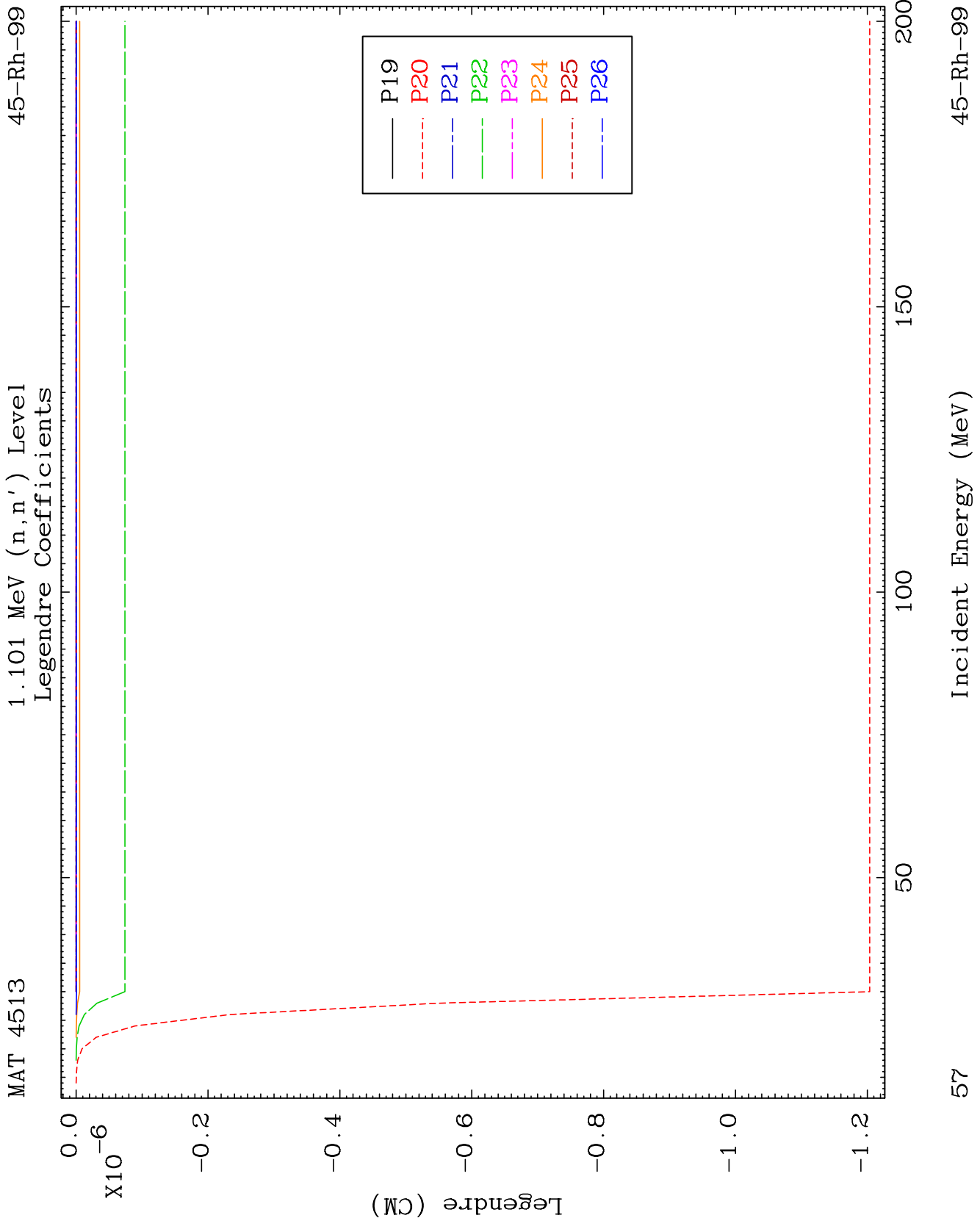
45-Rh-99





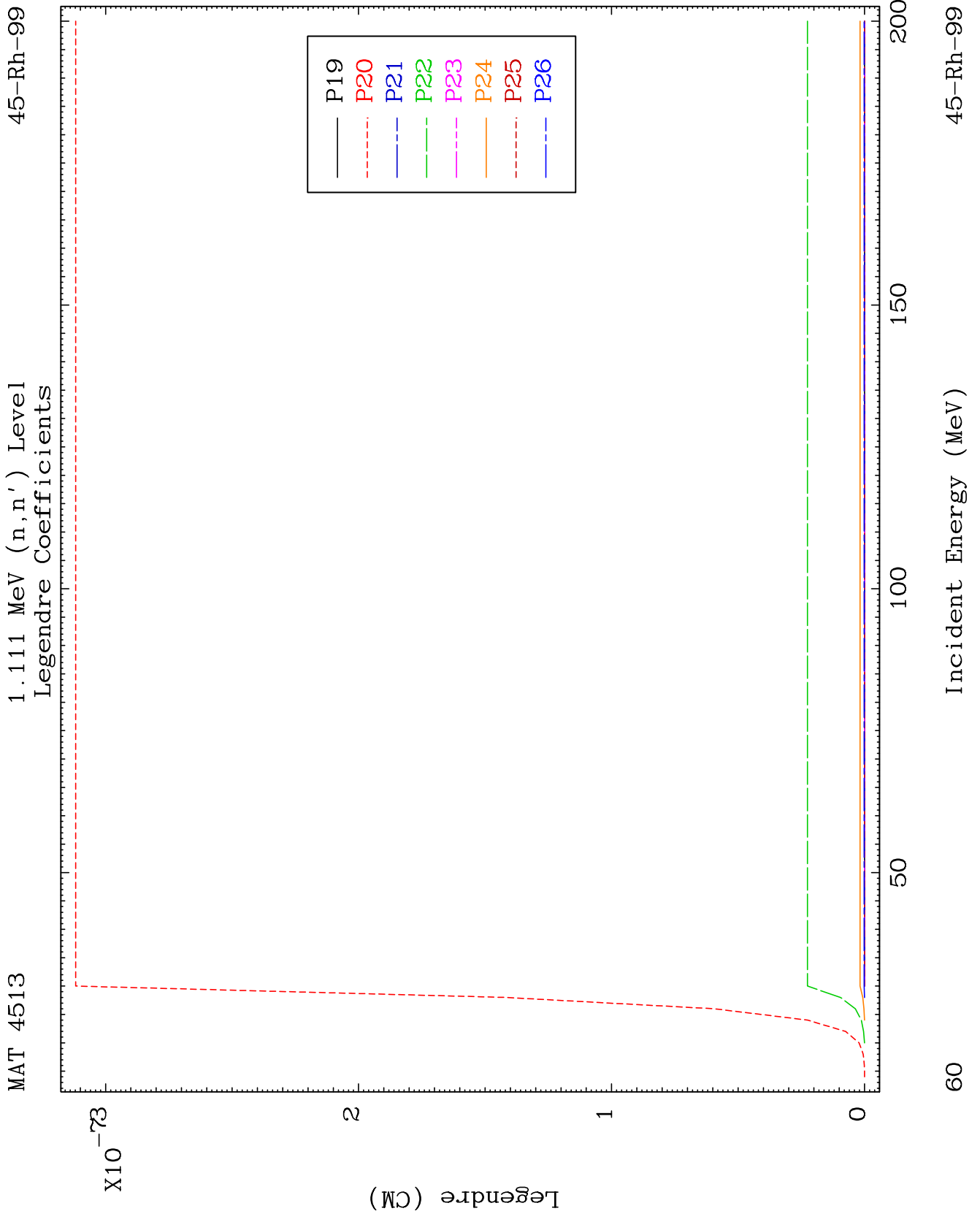


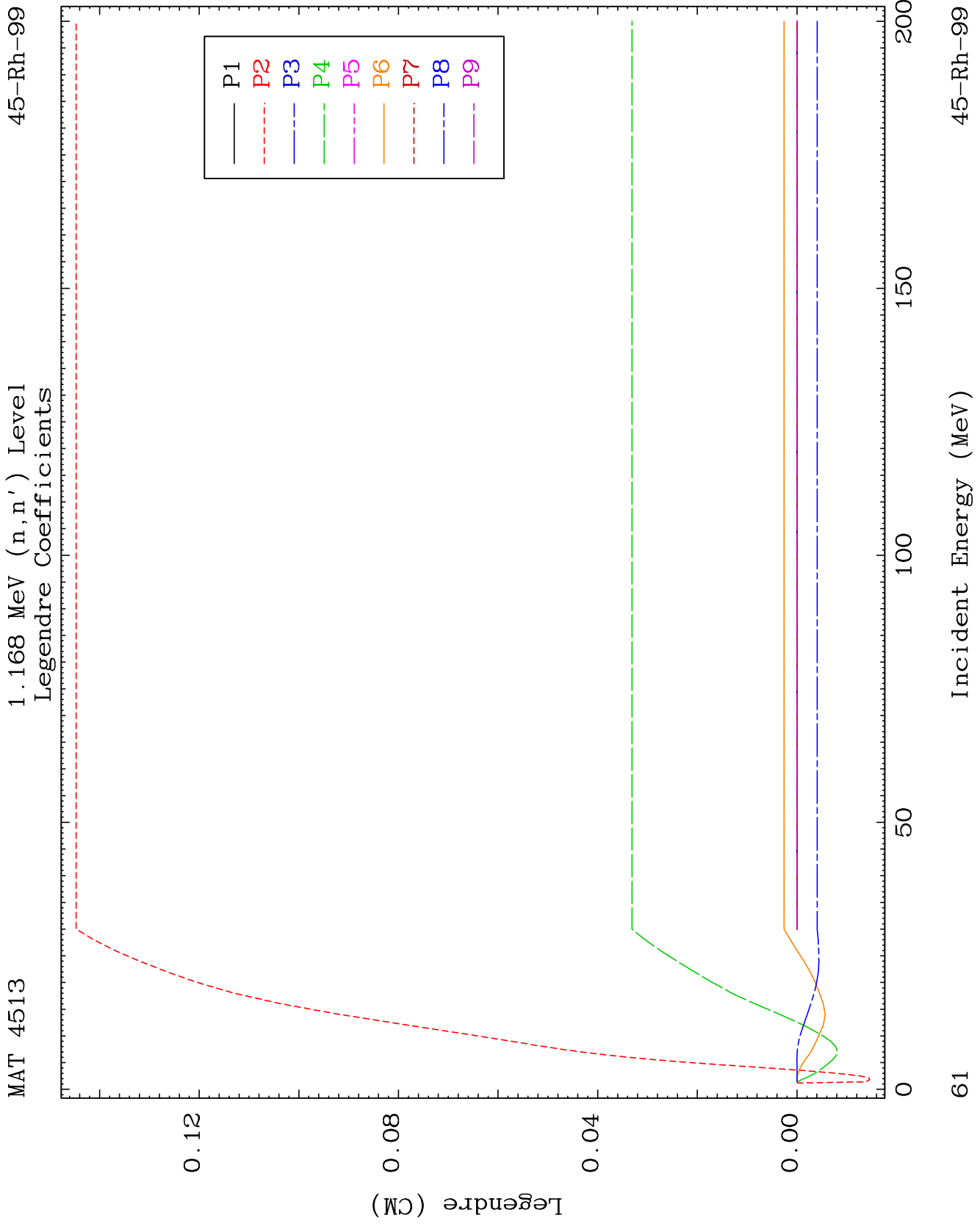


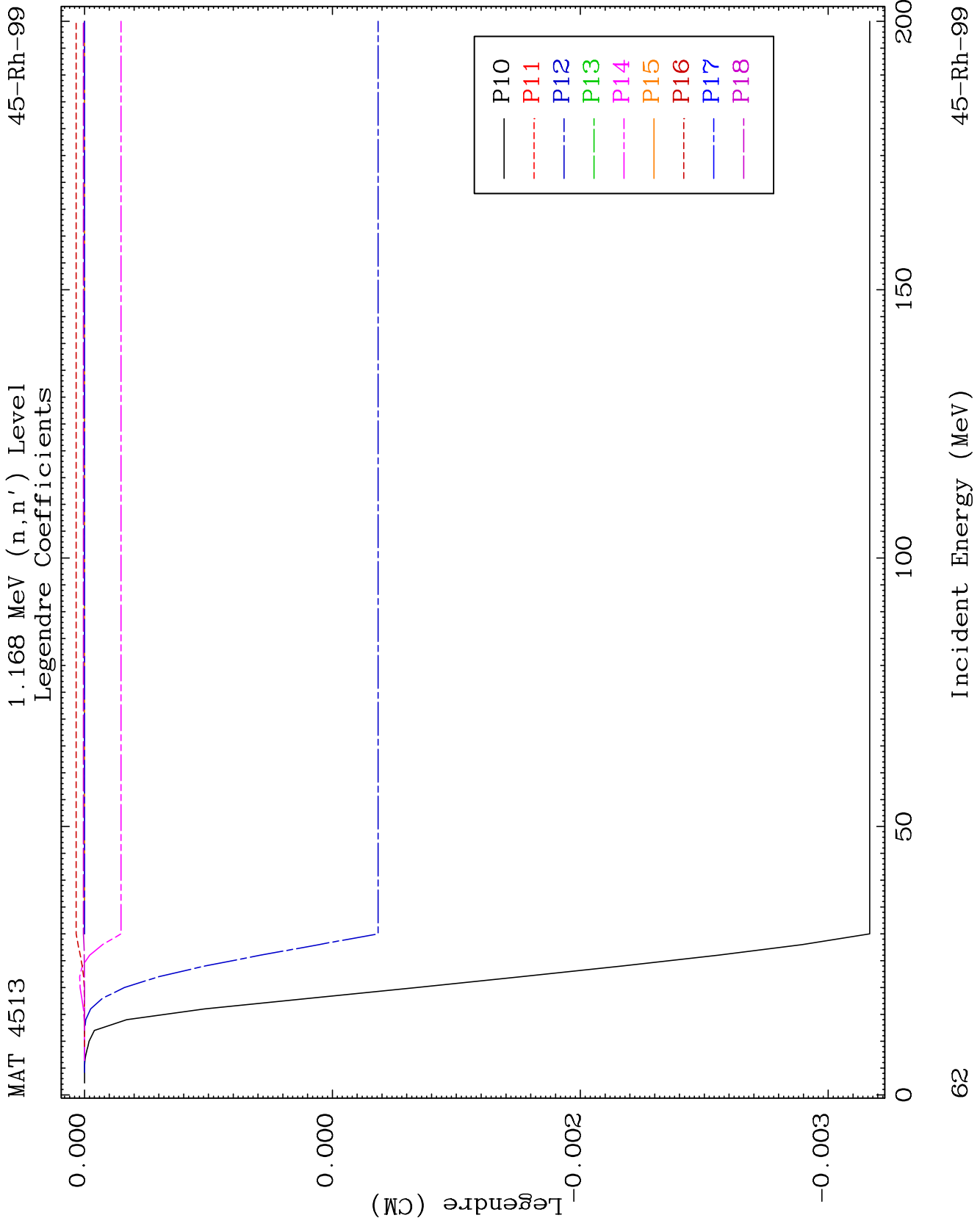


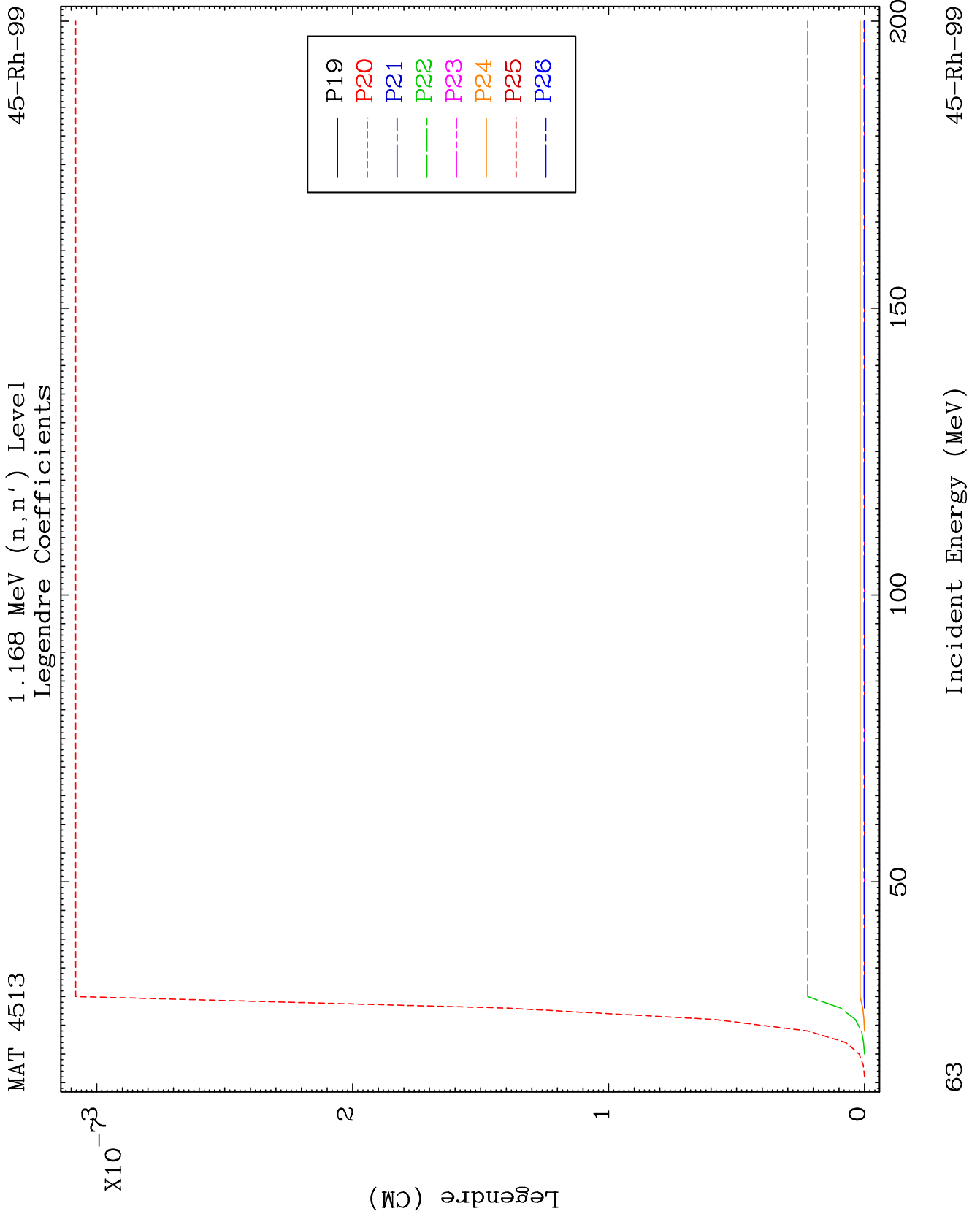




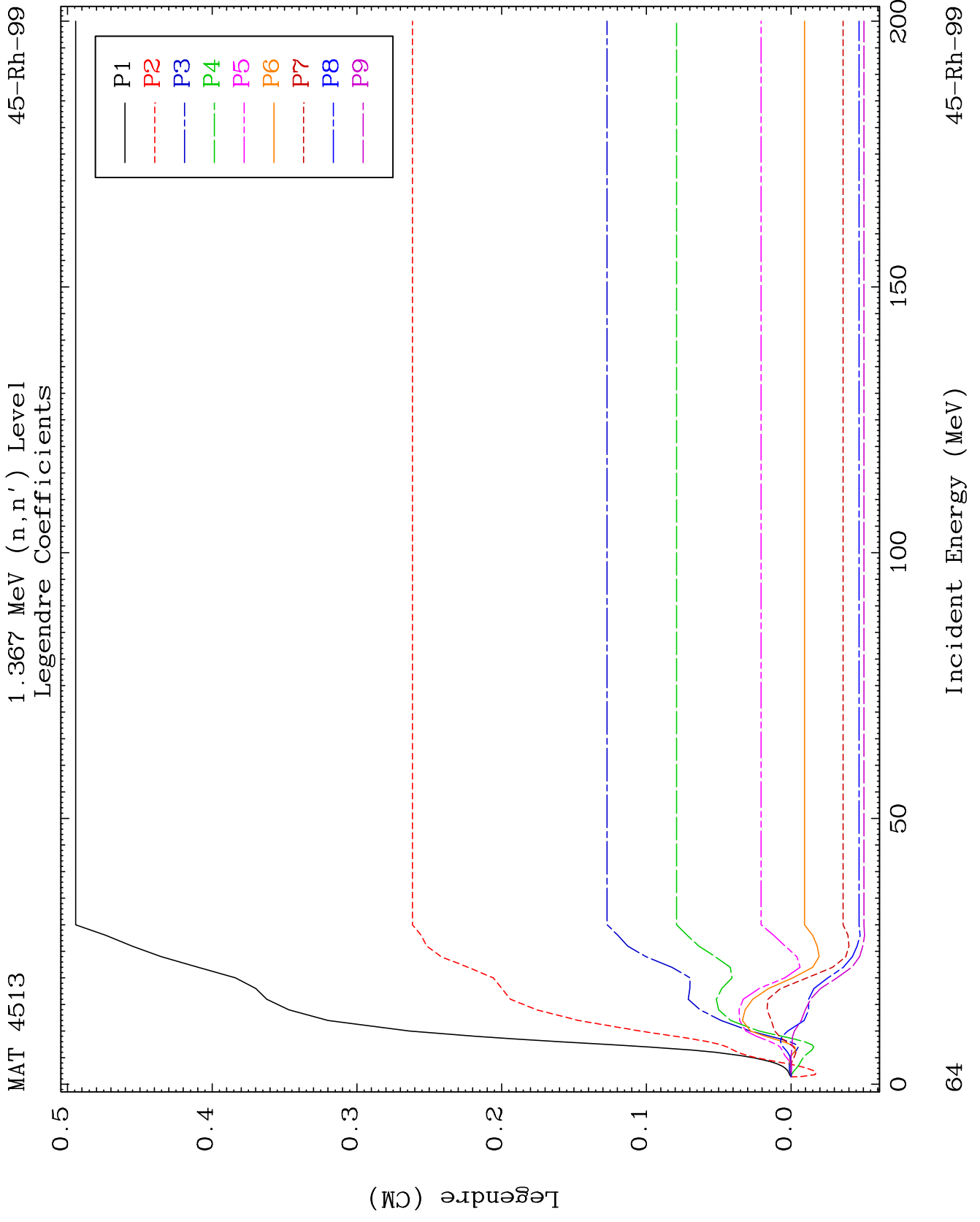


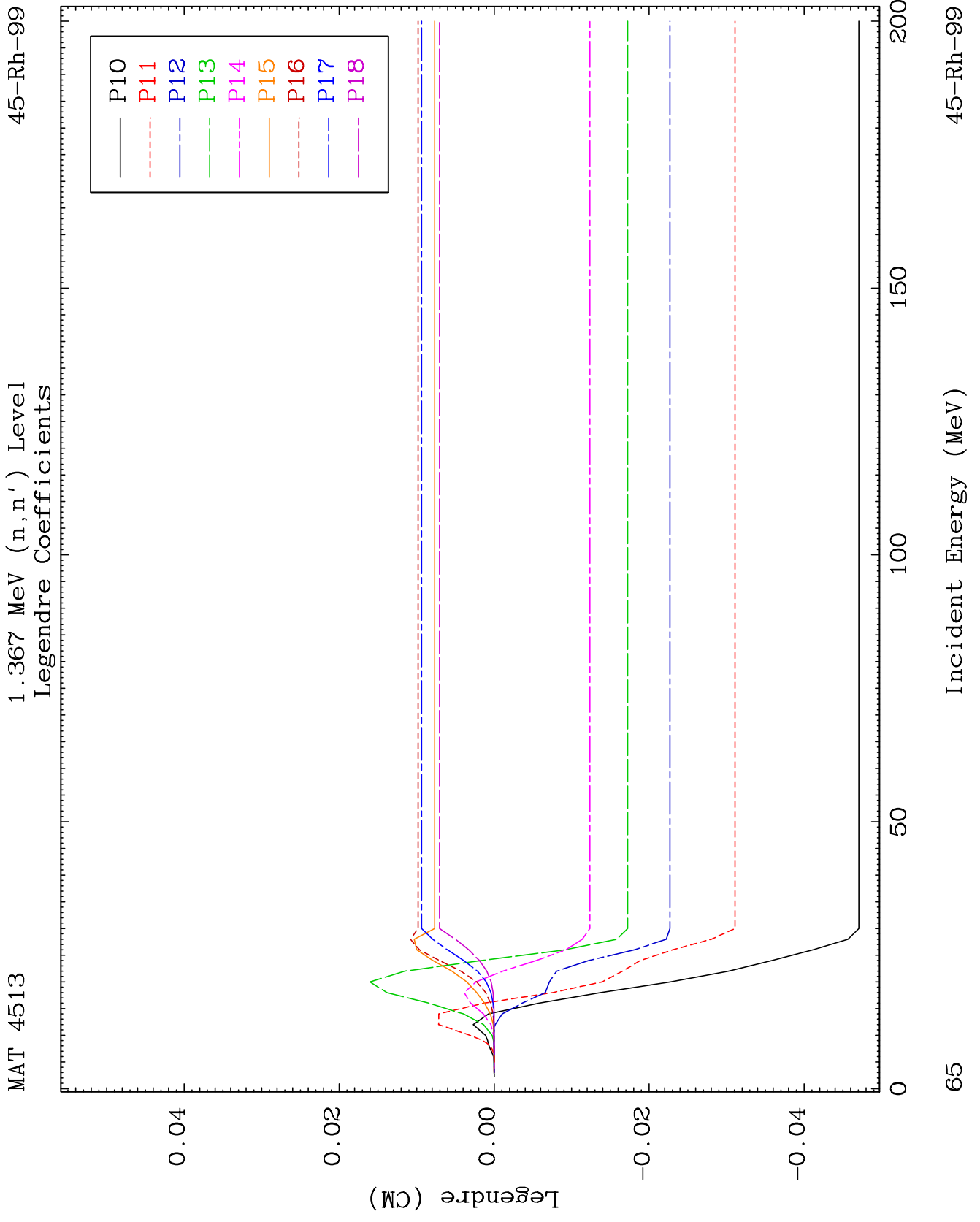










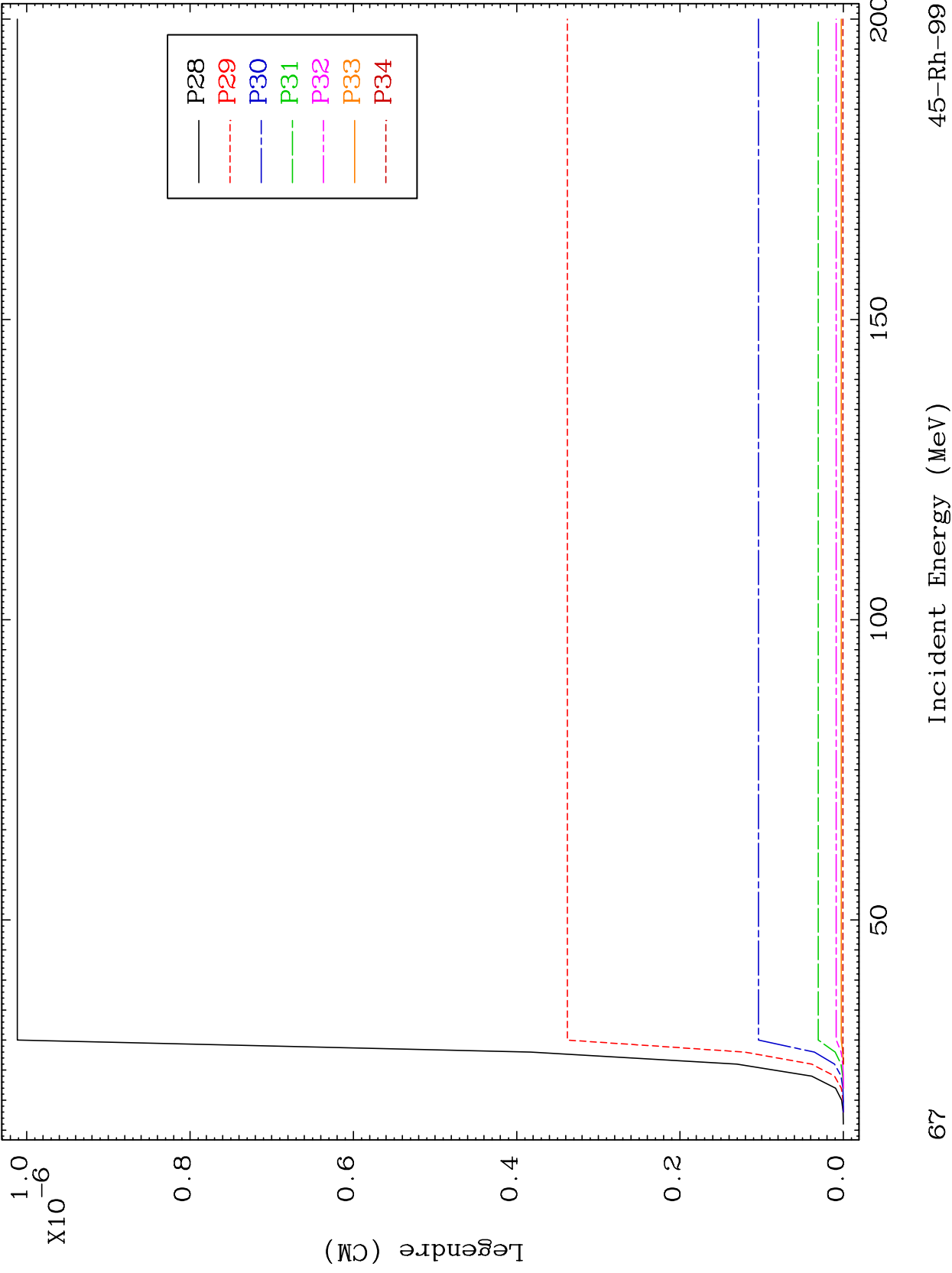




MAT 4513

1.367 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99



67

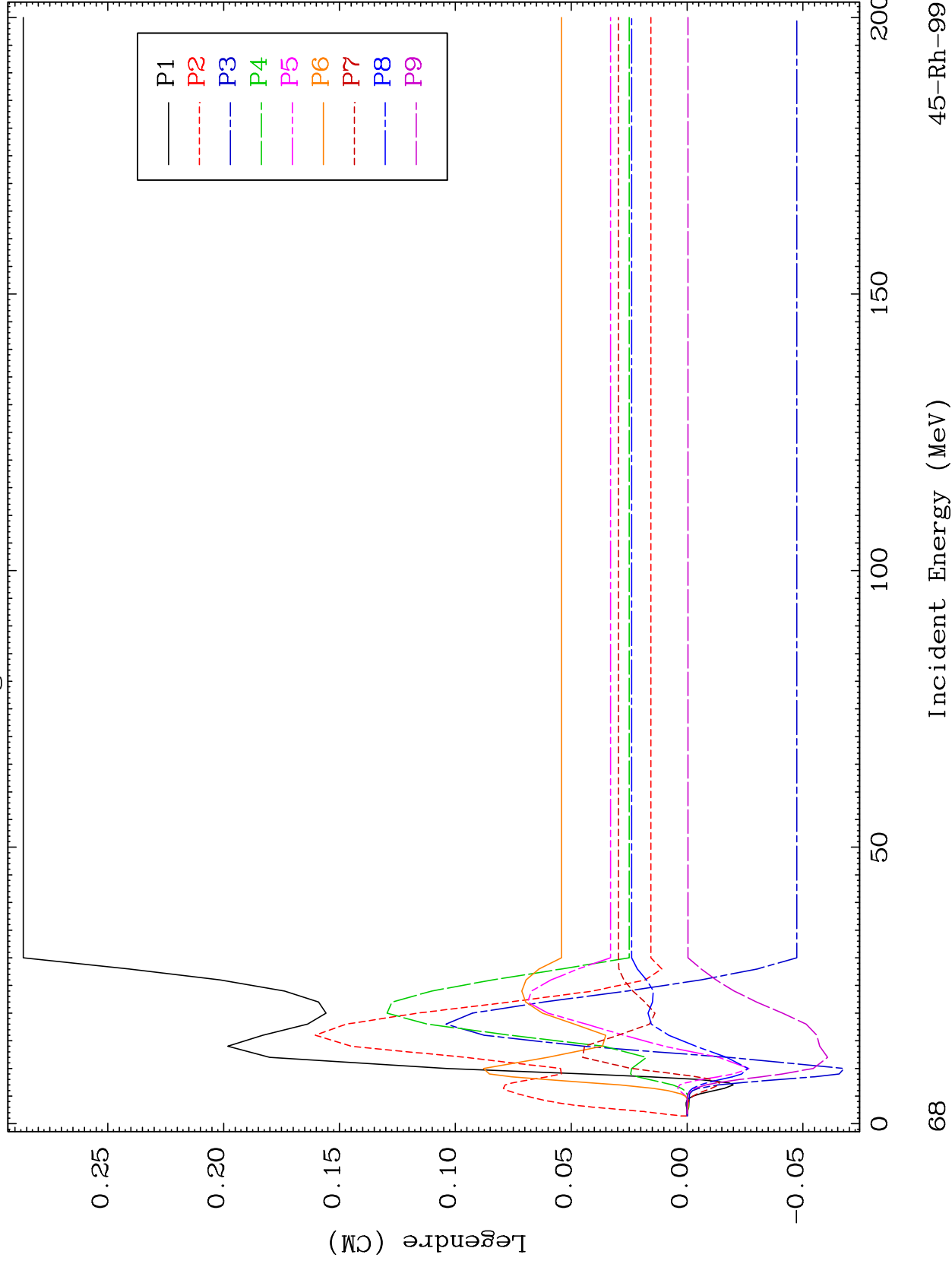
Incident Energy (MeV)

45-Rh-99

MAT 4513

1.382 MeV (n,n') Level  
Legendre Coefficients

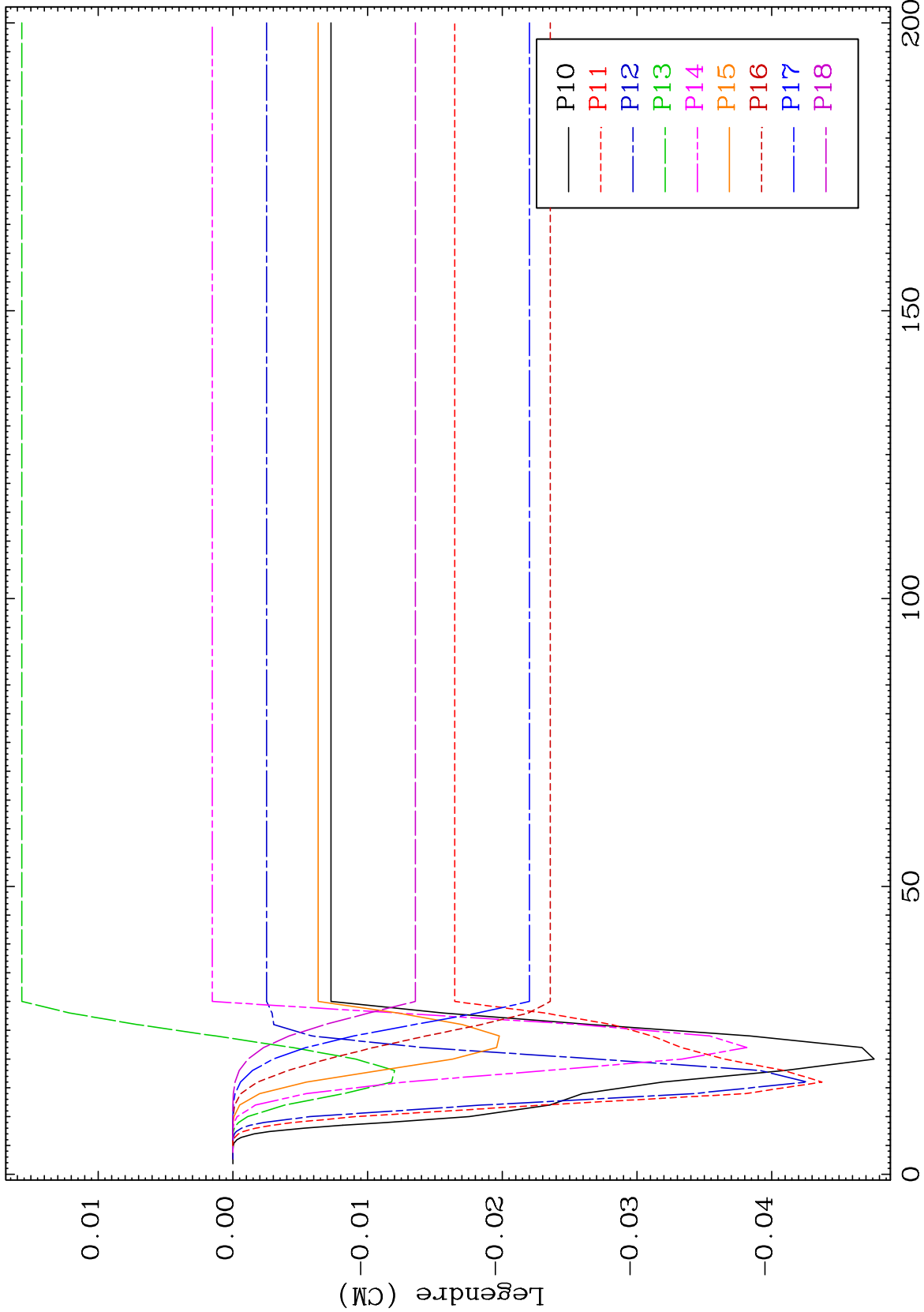
45-Rh-99

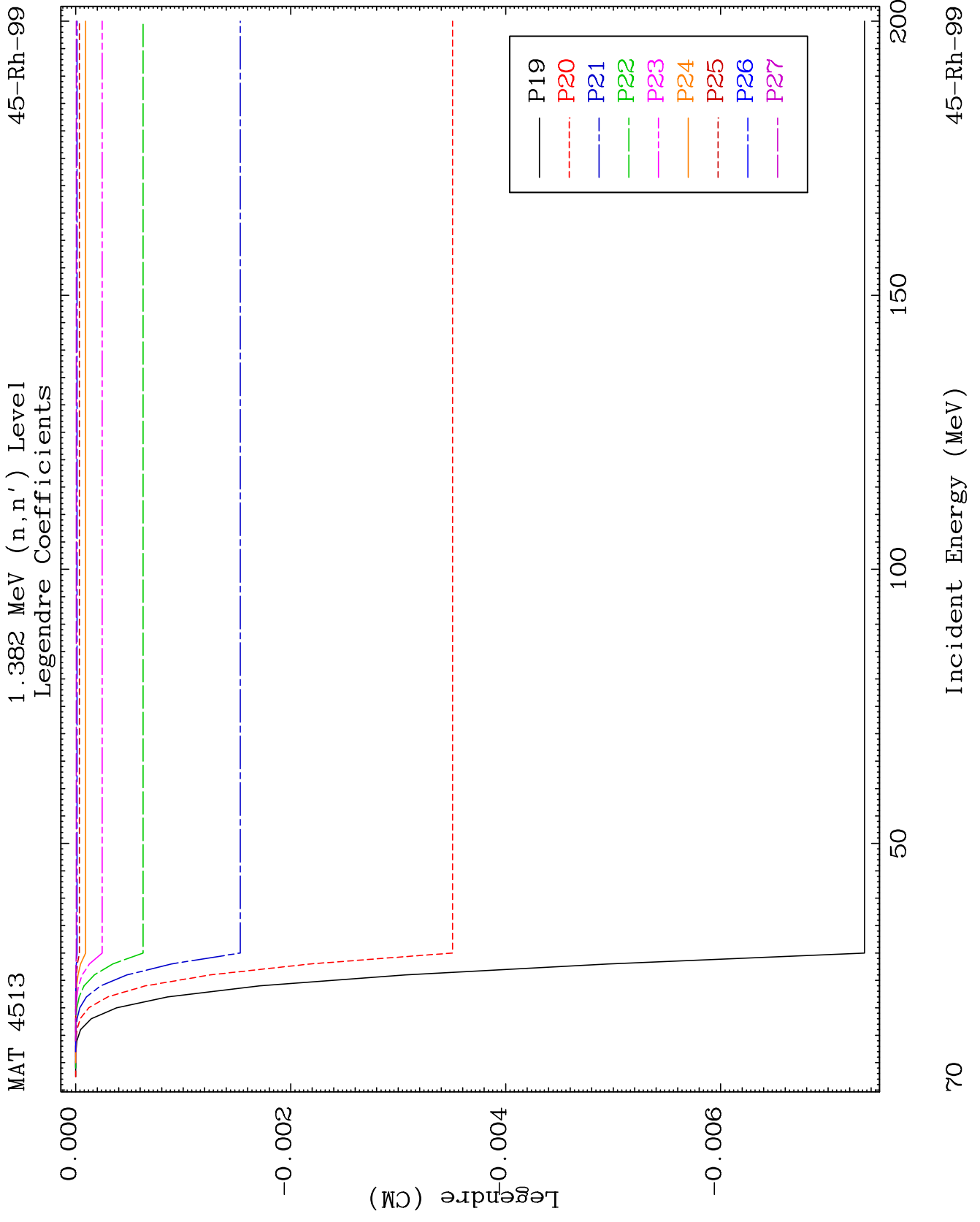


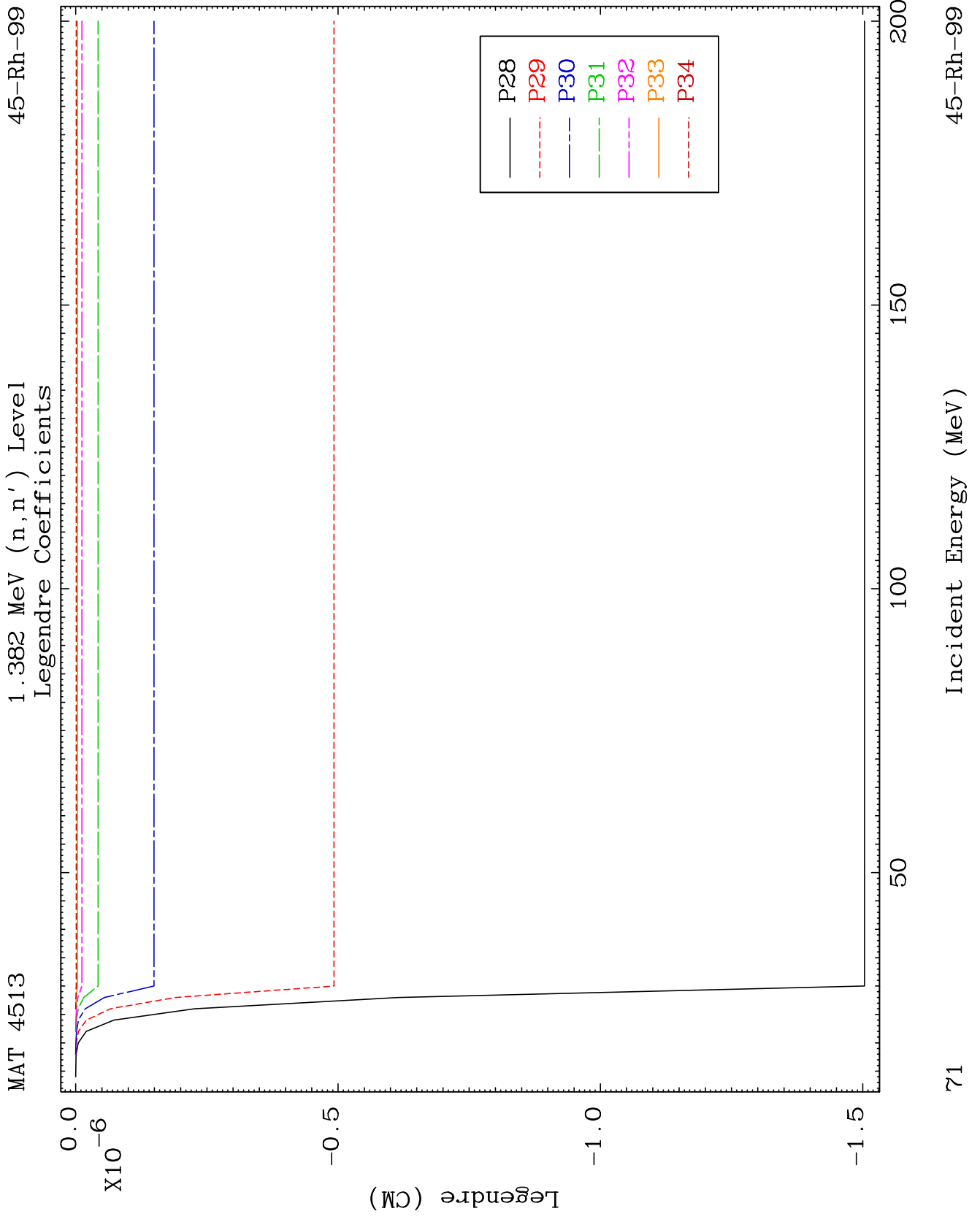
68

Incident Energy (MeV)

45-Rh-99





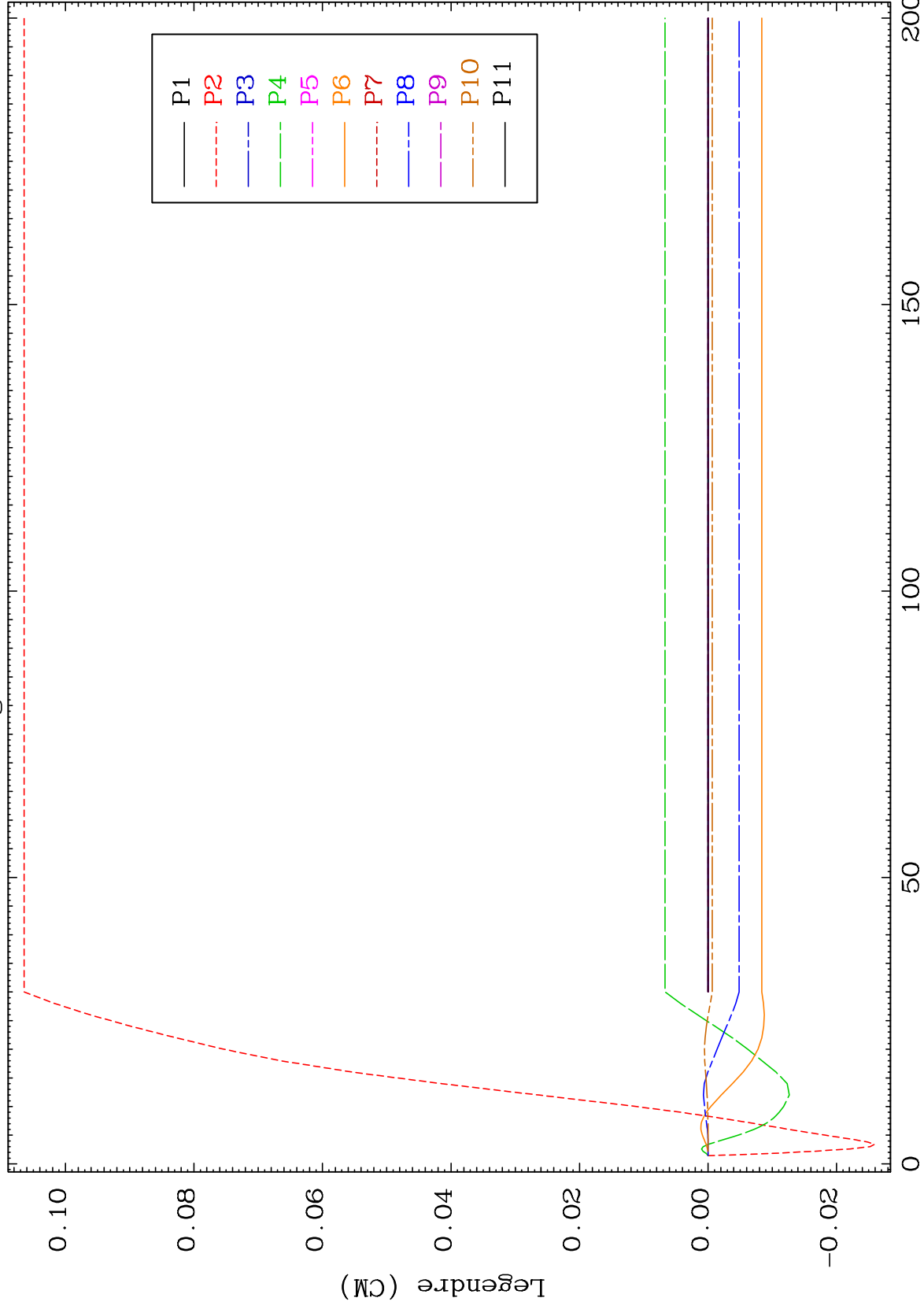




MAT 4513

1.397 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

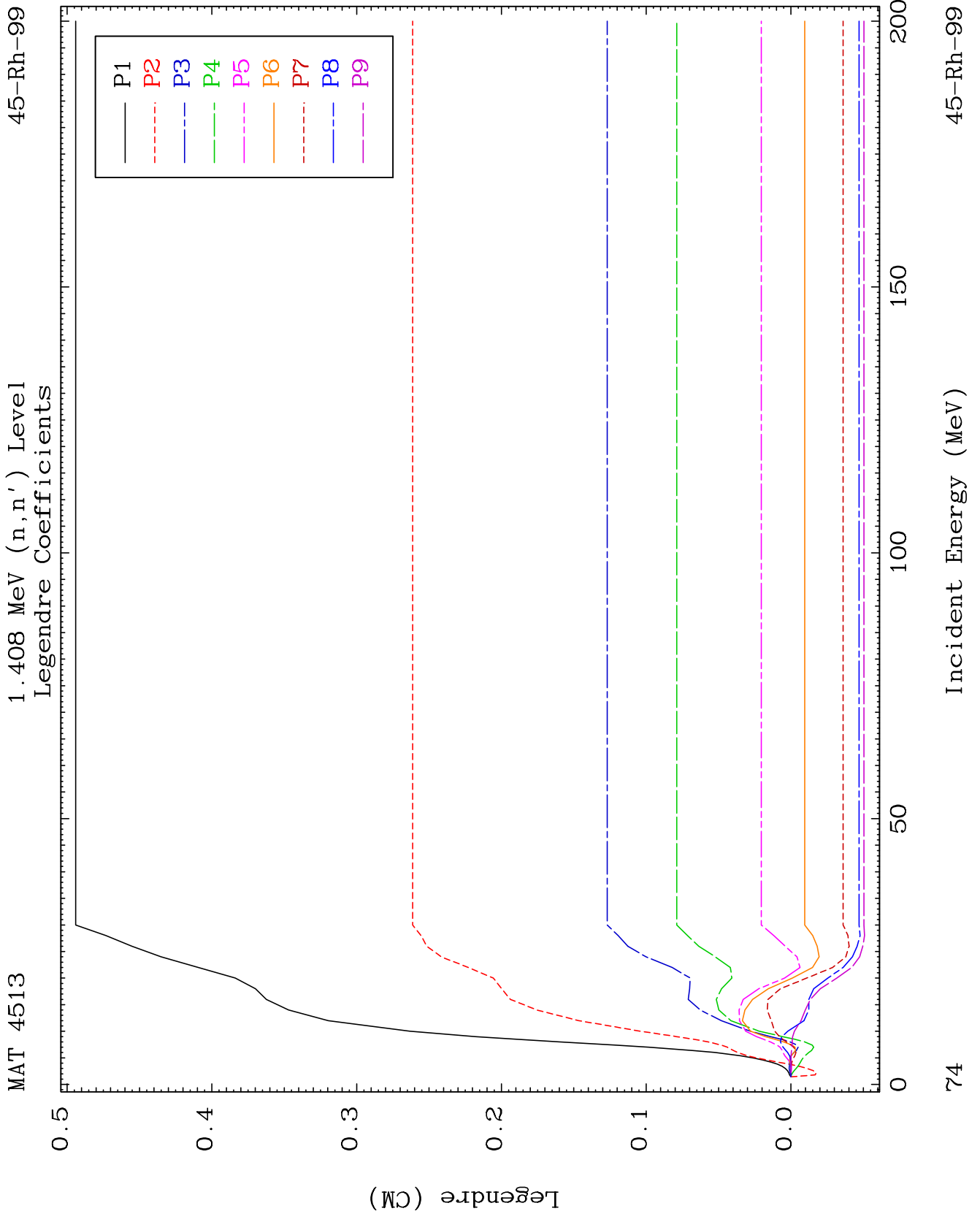


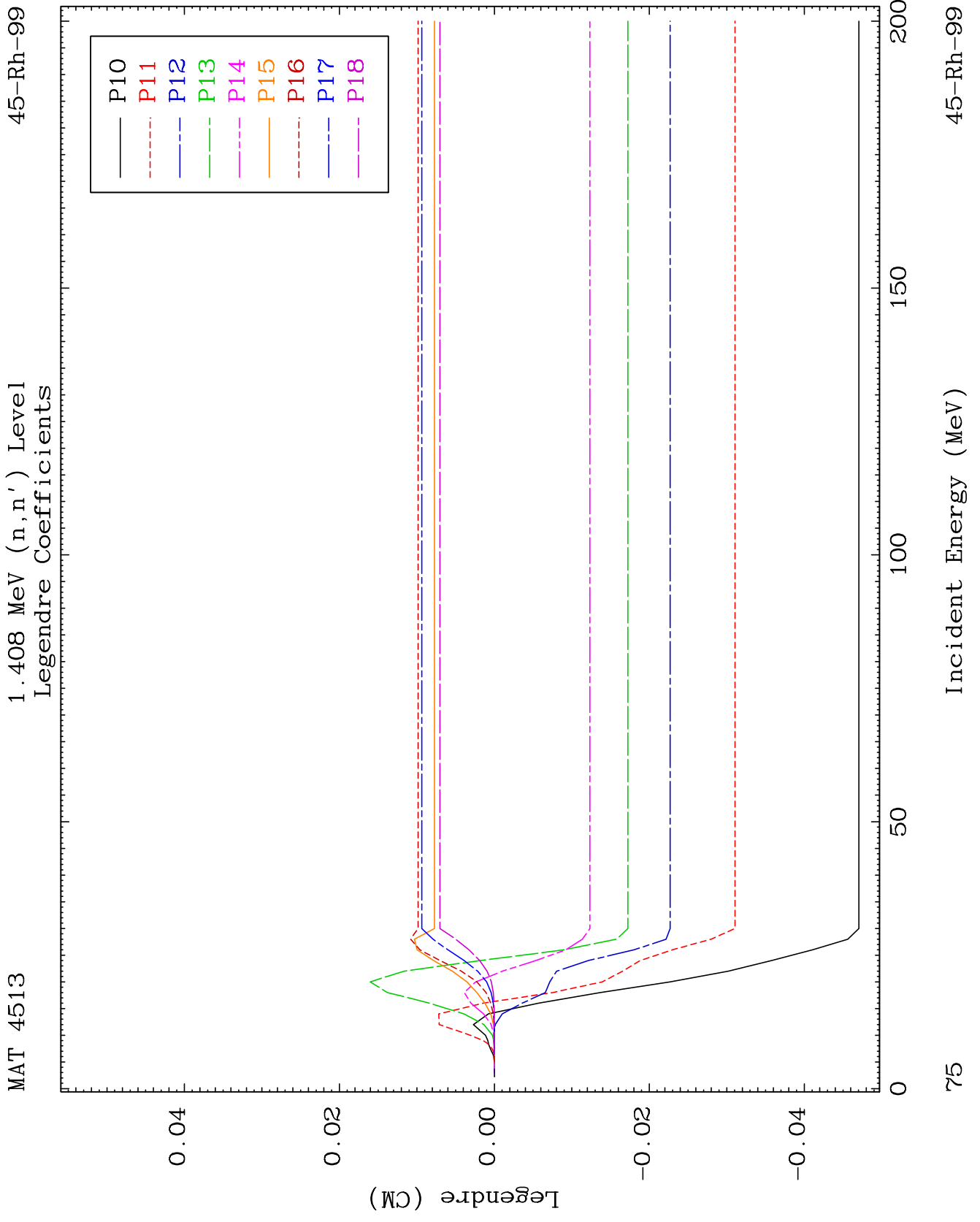
72

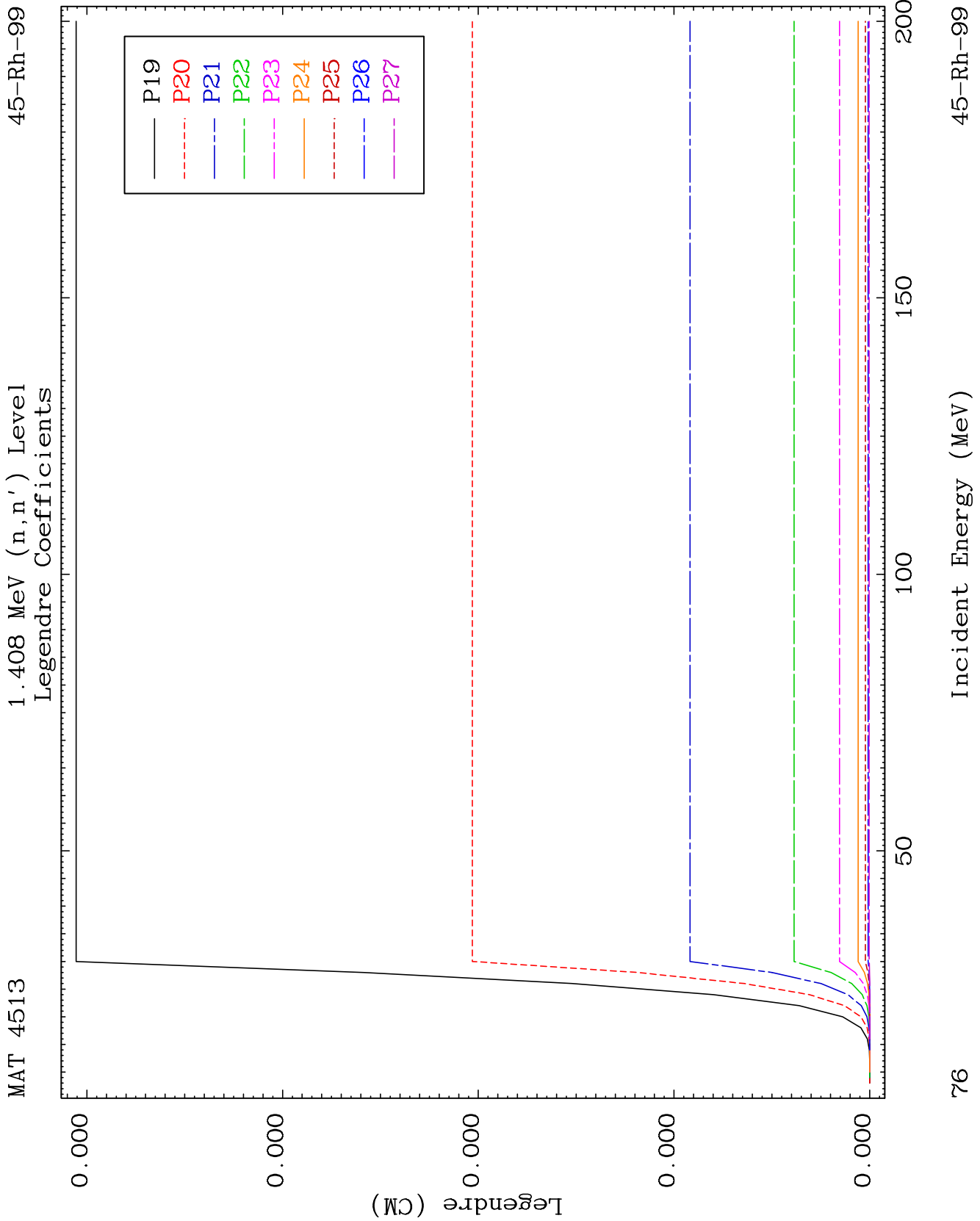
Incident Energy (MeV)

45-Rh-99







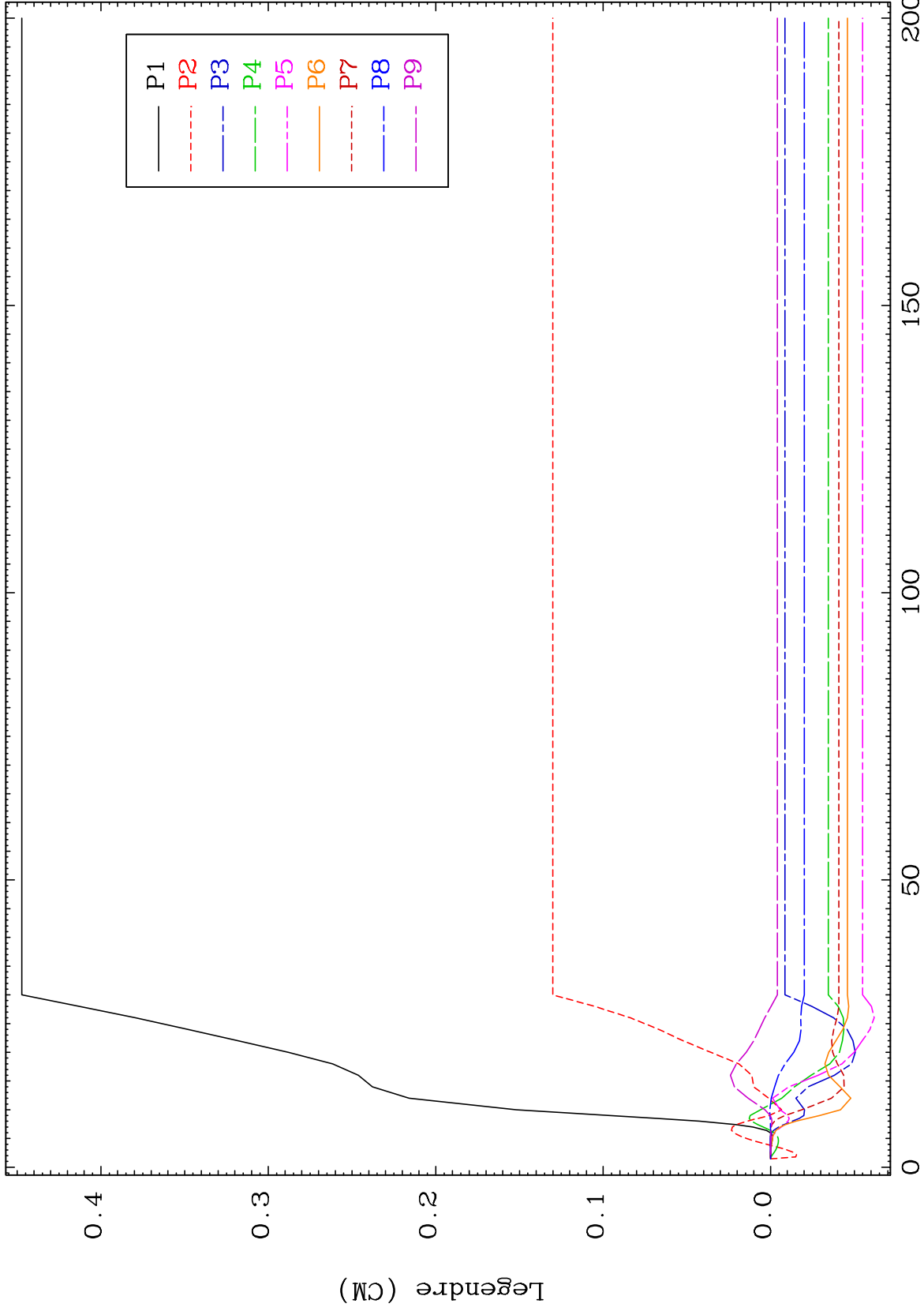




MAT 4513

1.431 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99



78

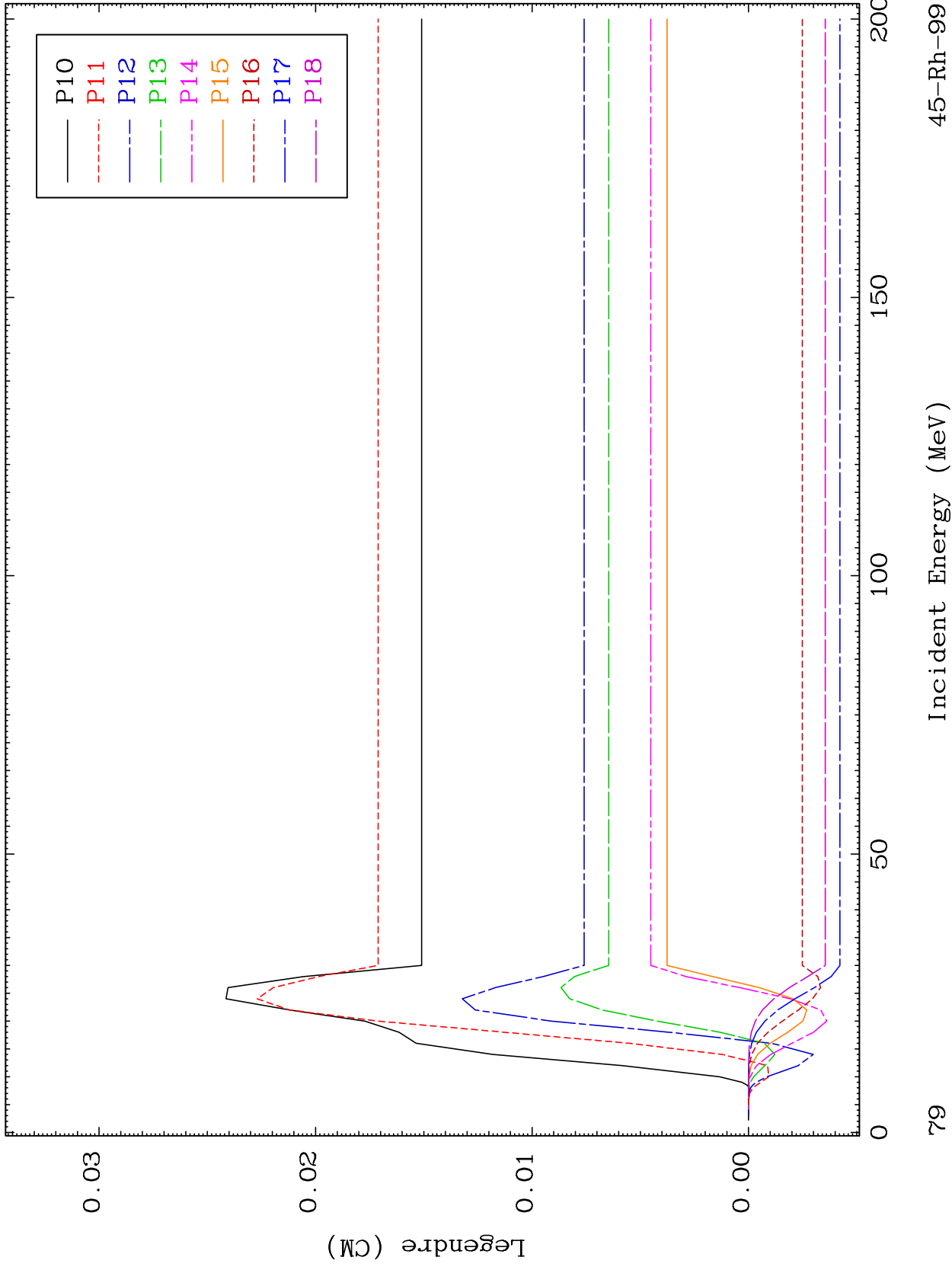
Incident Energy (MeV)

45-Rh-99

MAT 4513

1.431 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

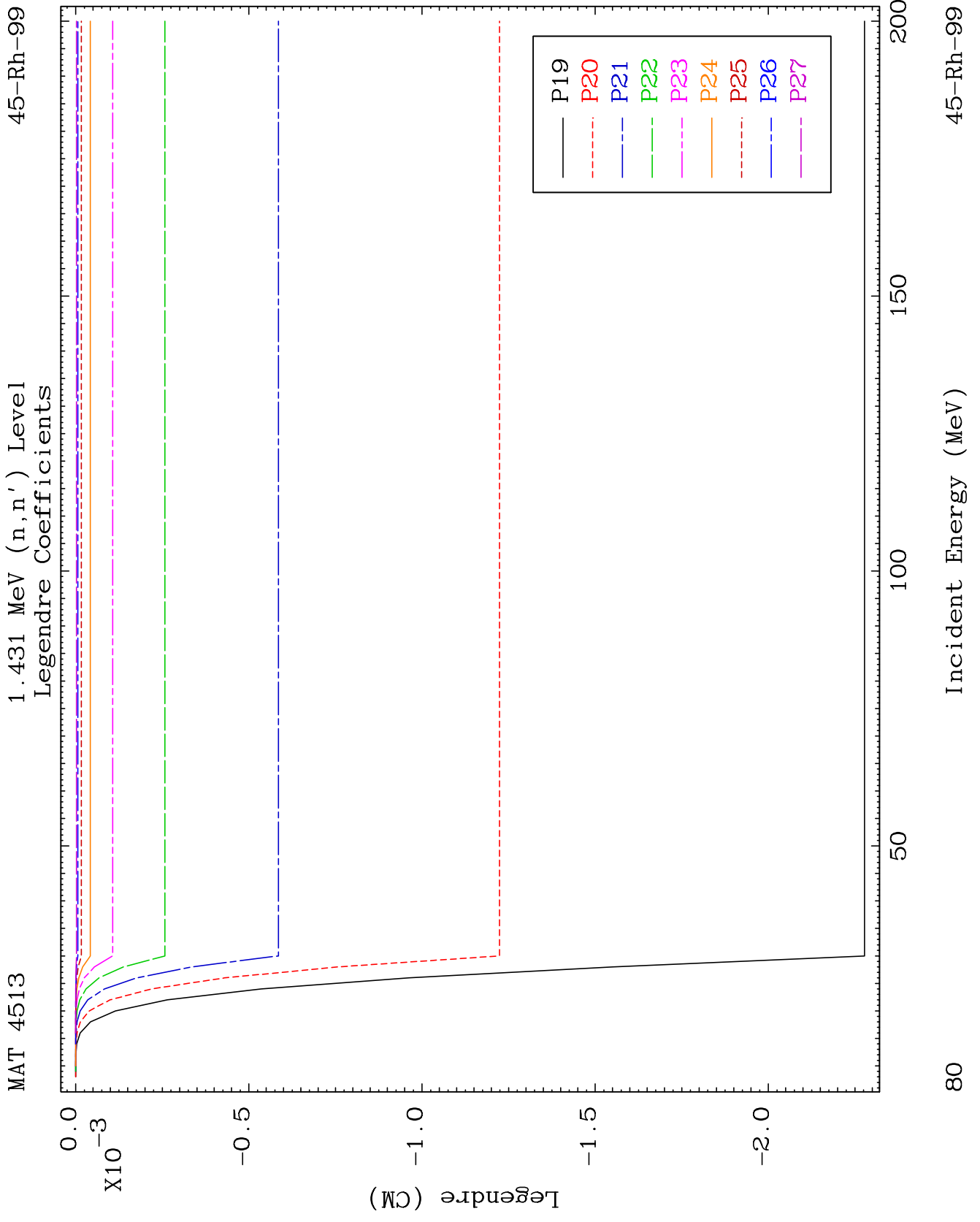


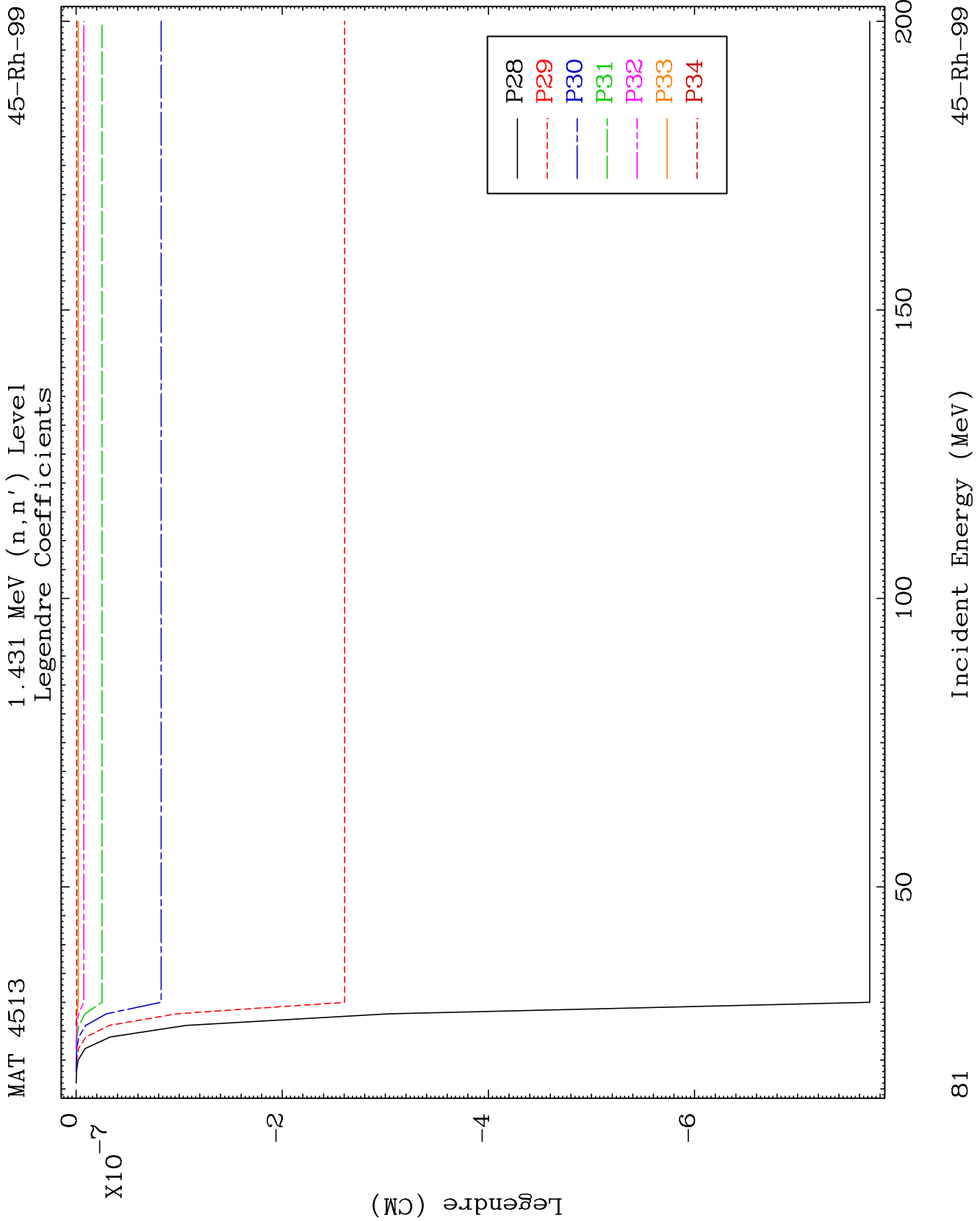
79

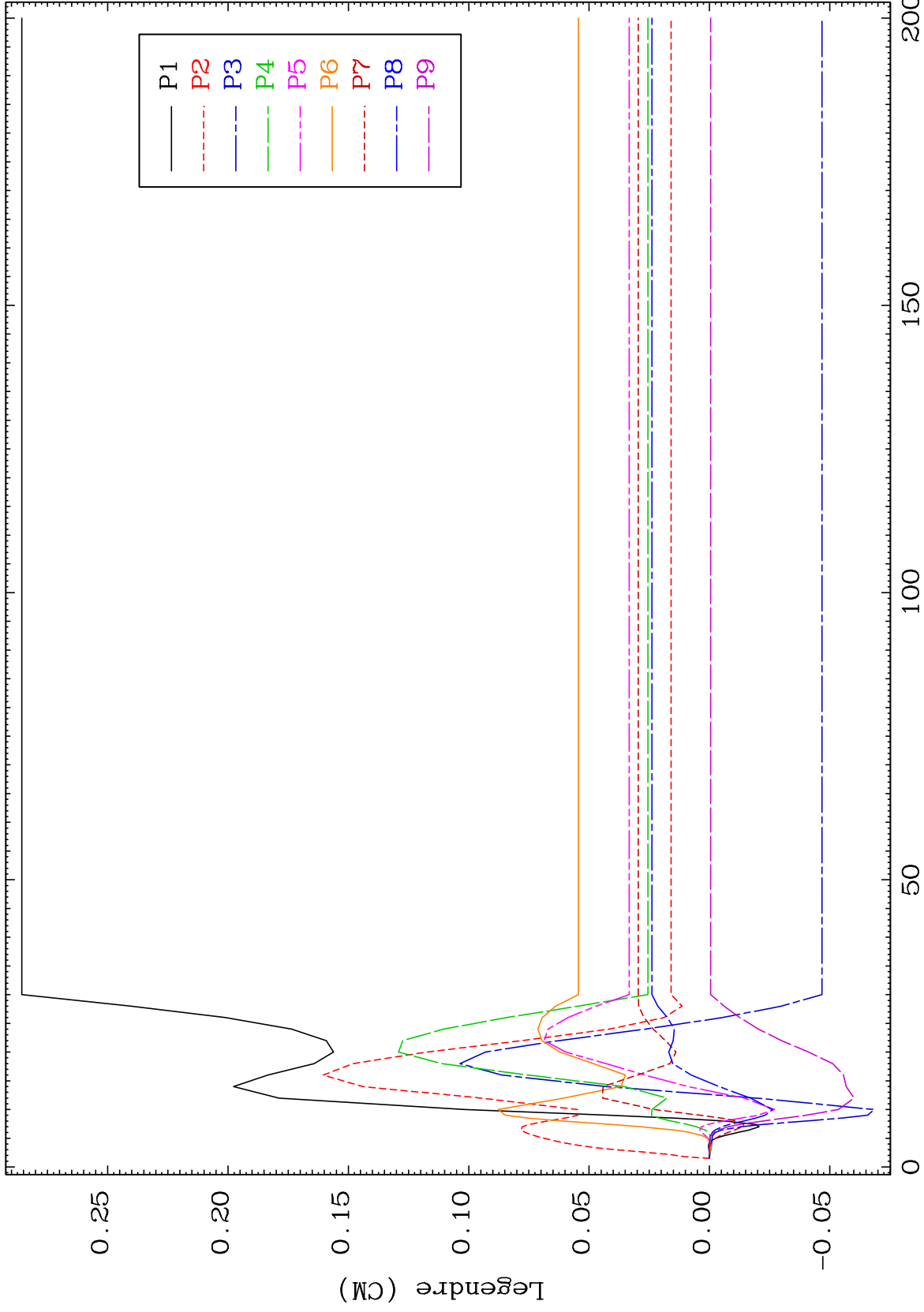
Incident Energy (MeV)

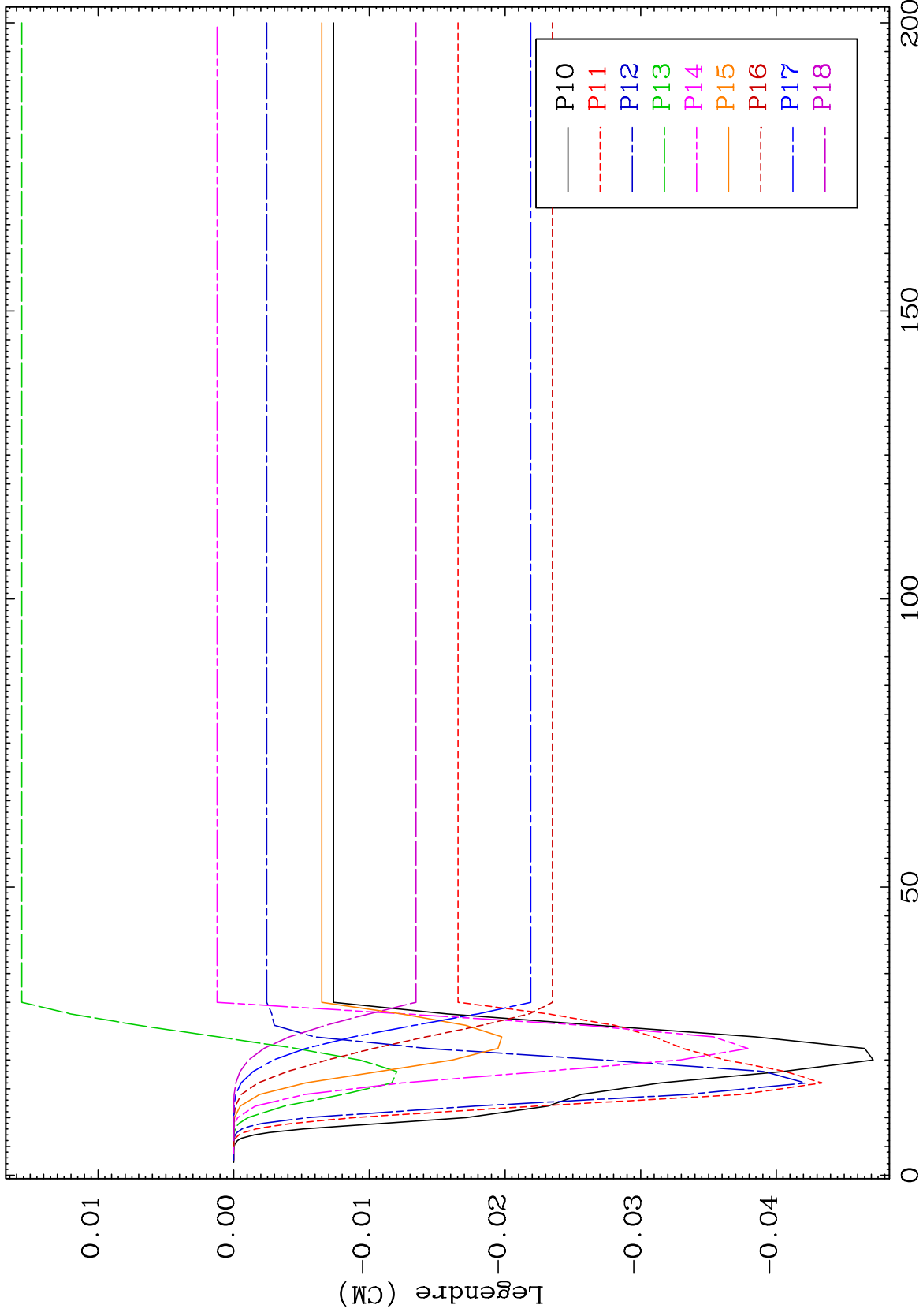
45-Rh-99

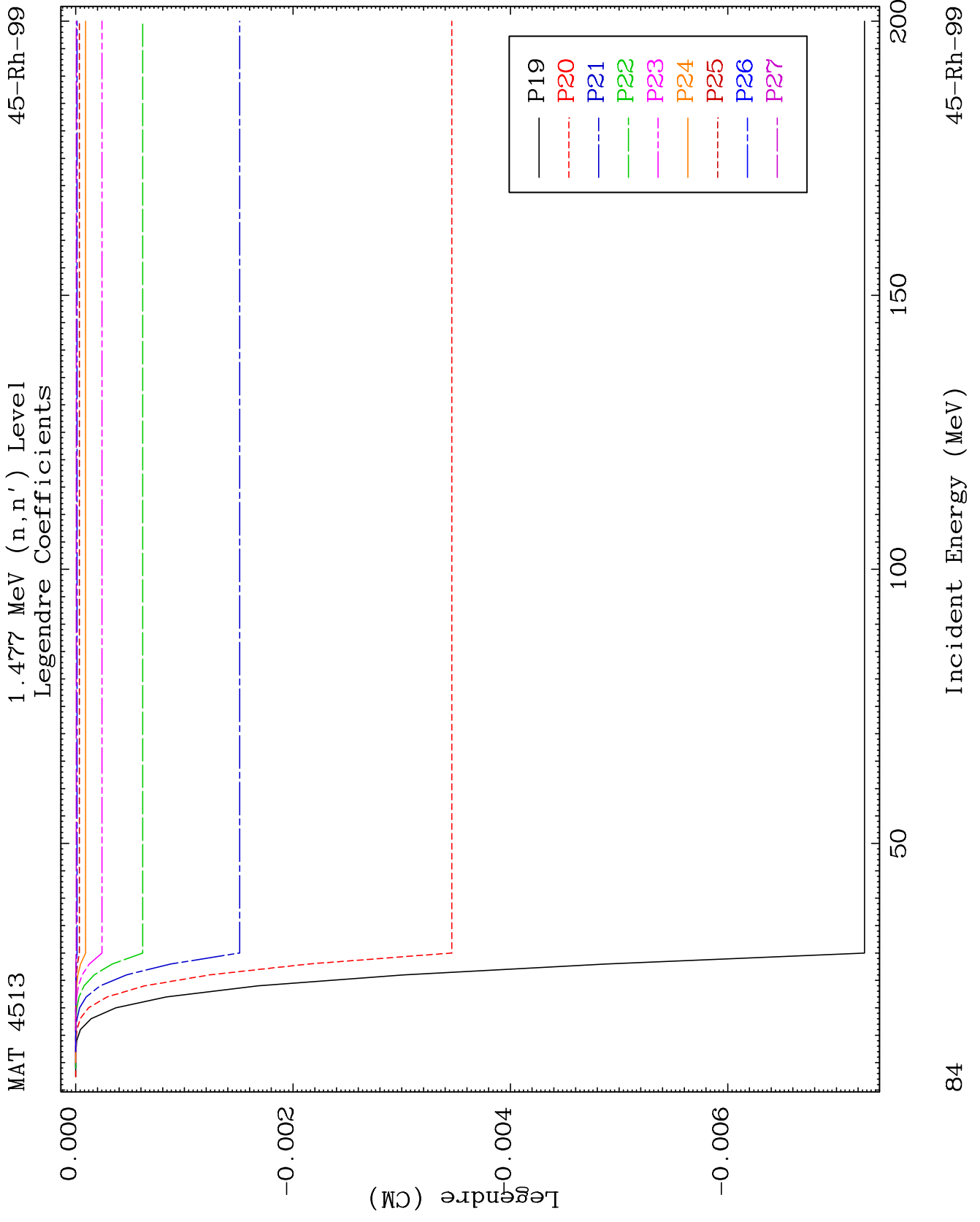


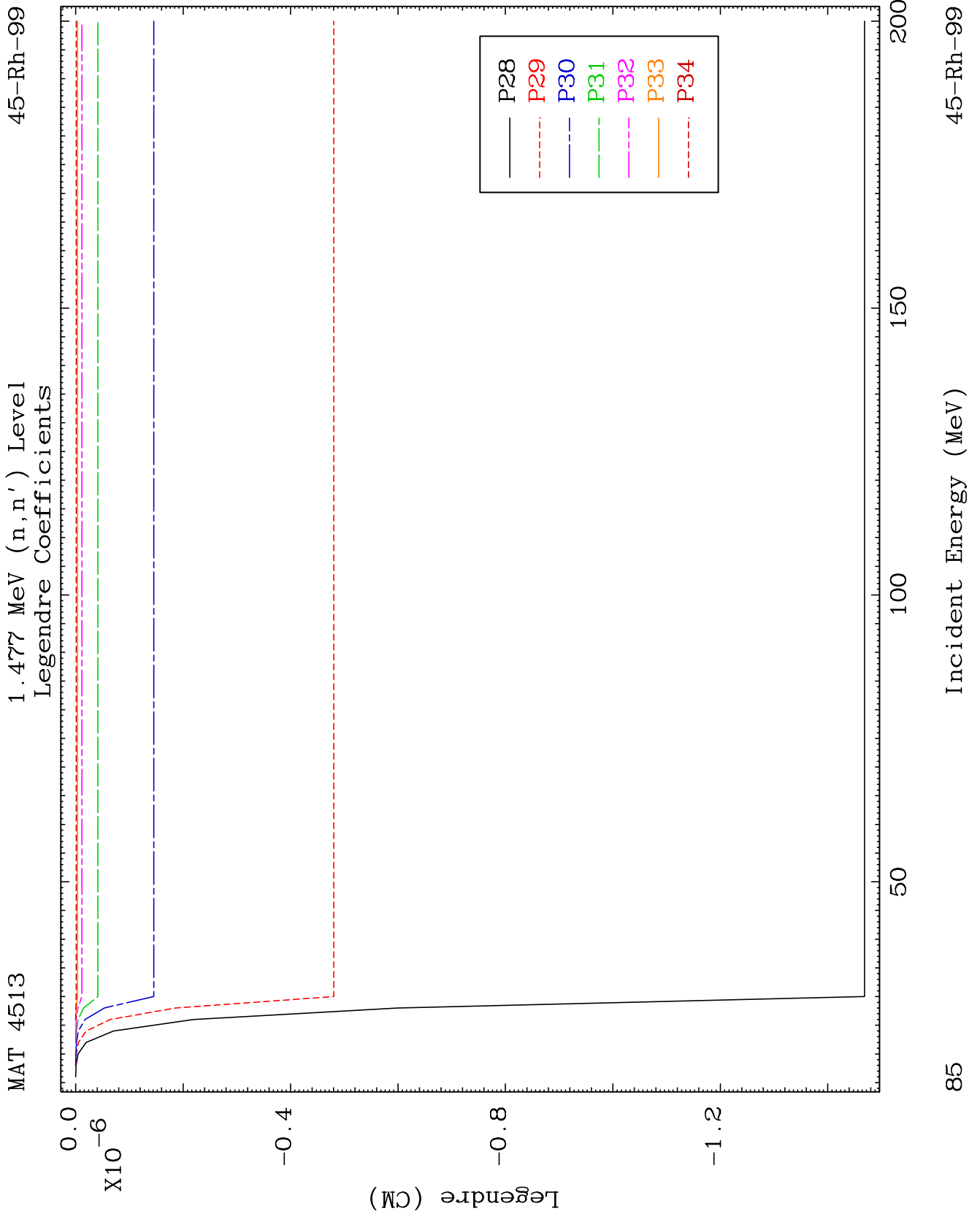








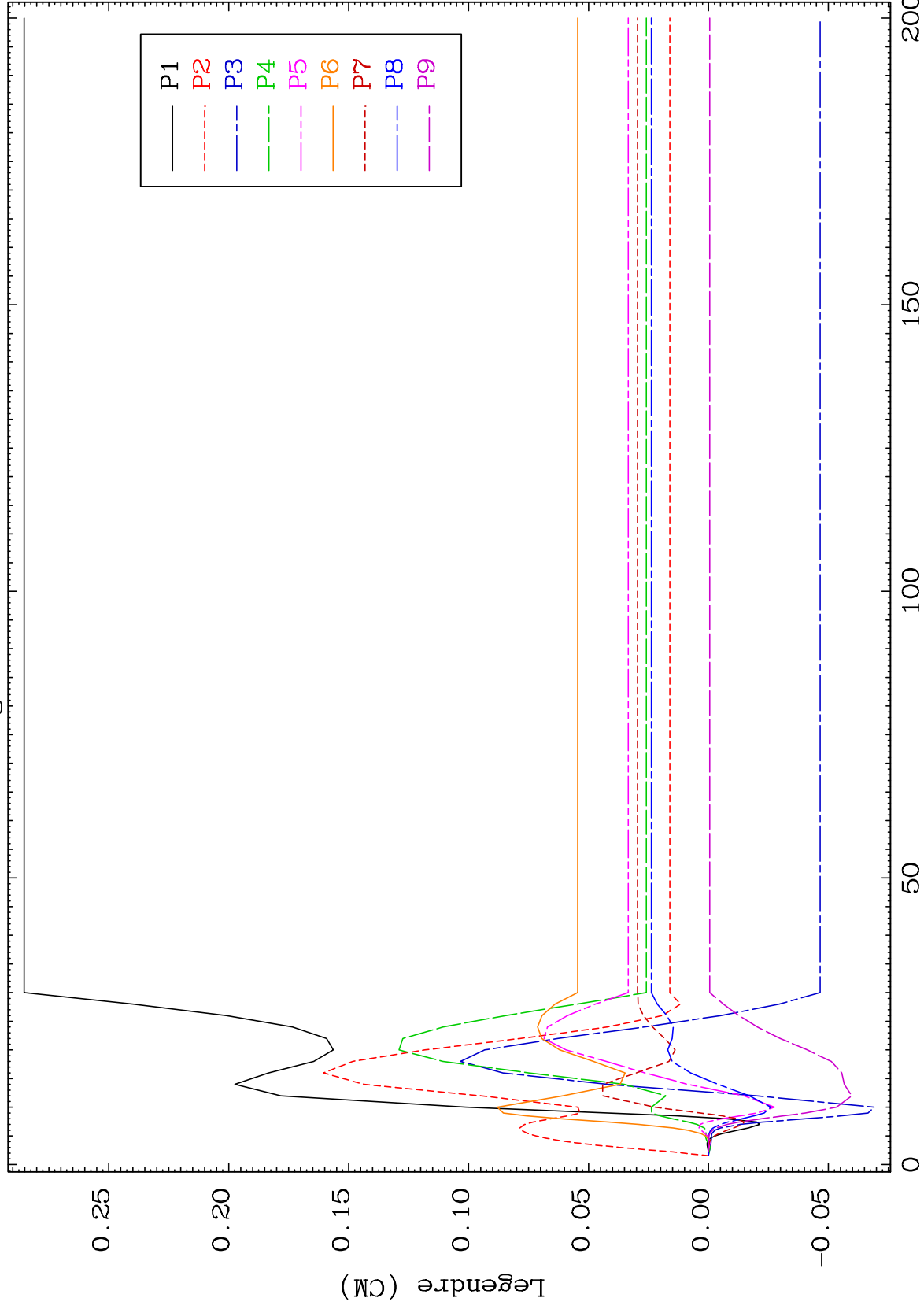




MAT 4513

1.528 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99



86

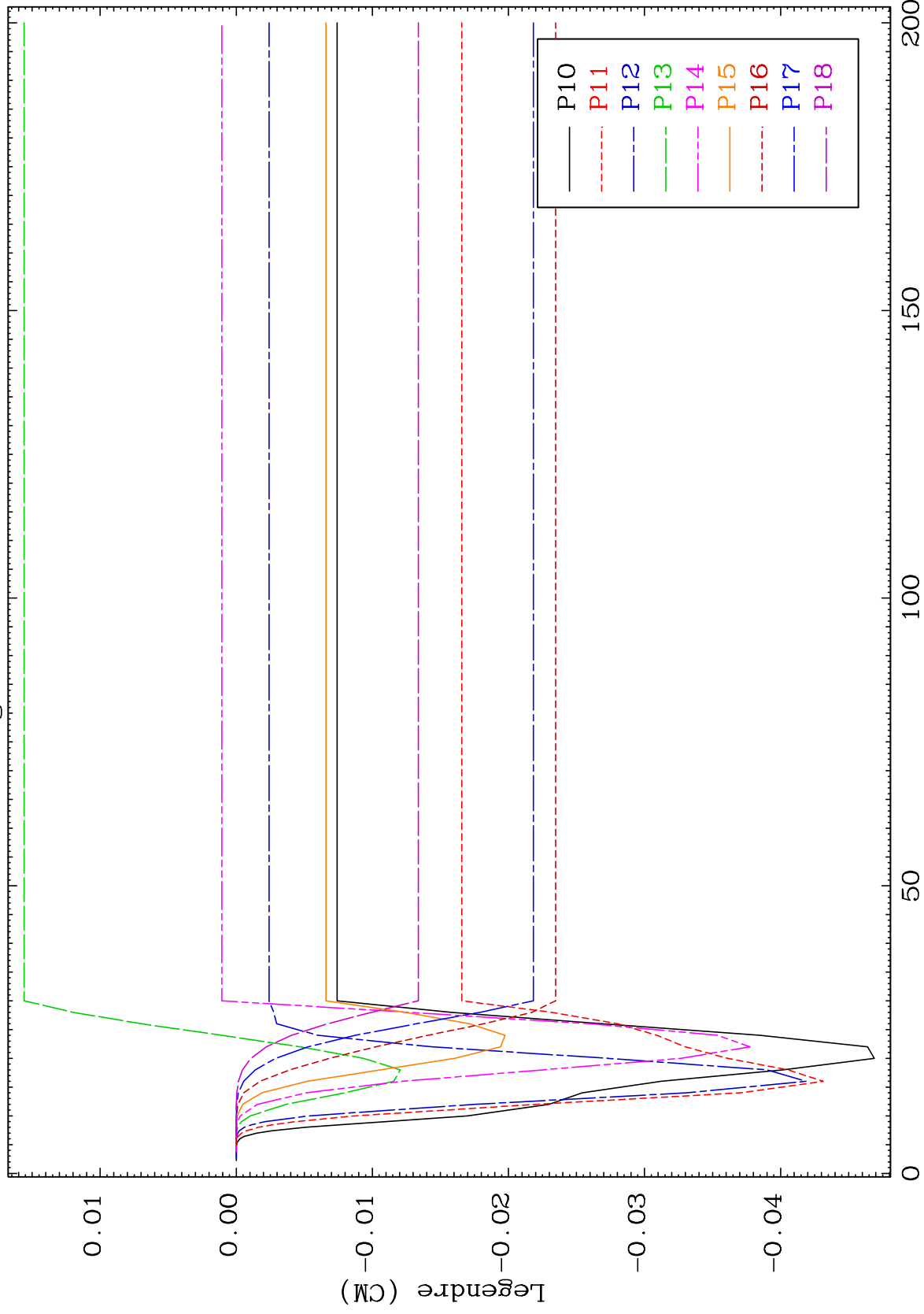
Incident Energy (MeV)

45-Rh-99

MAT 4513

1.528 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

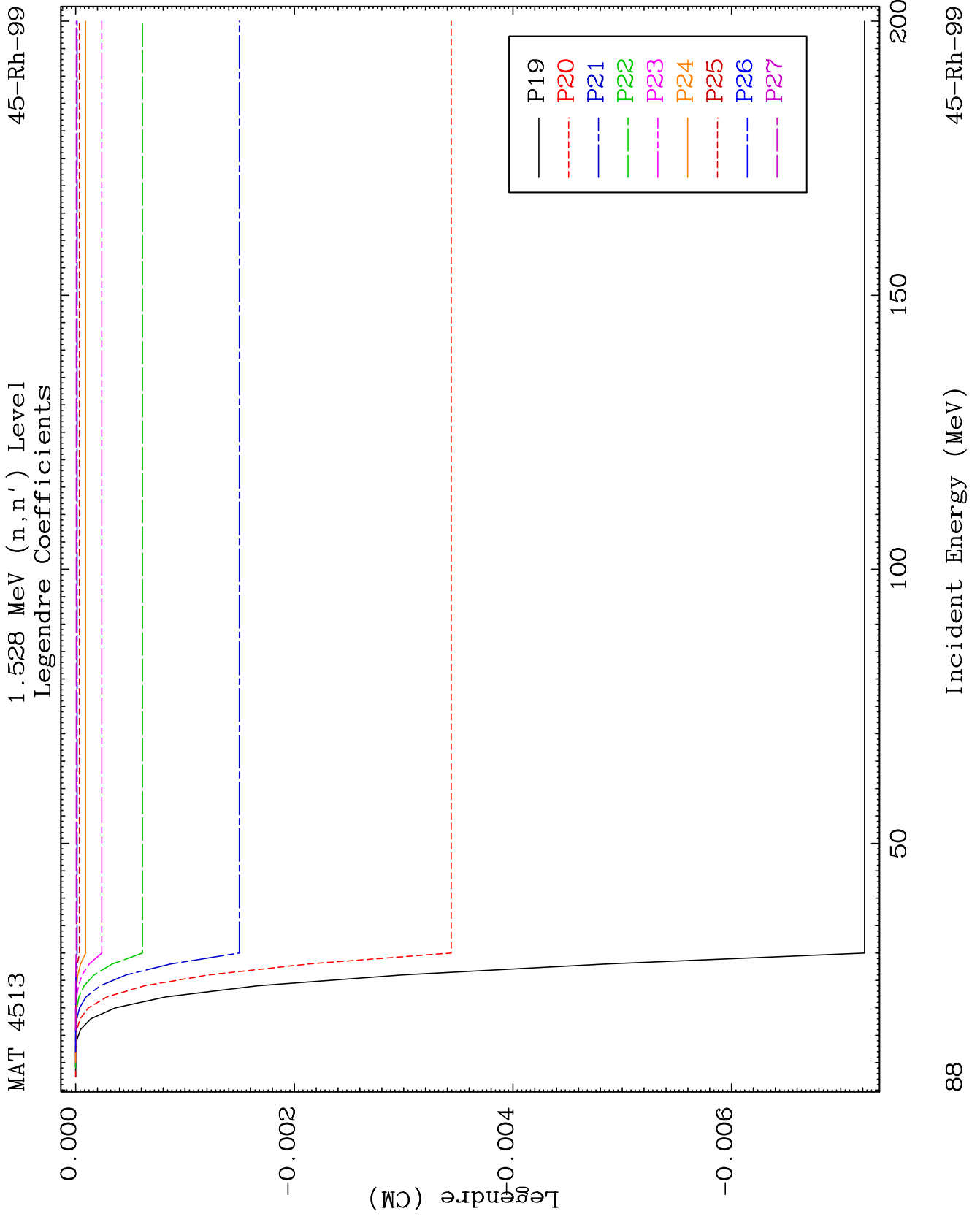


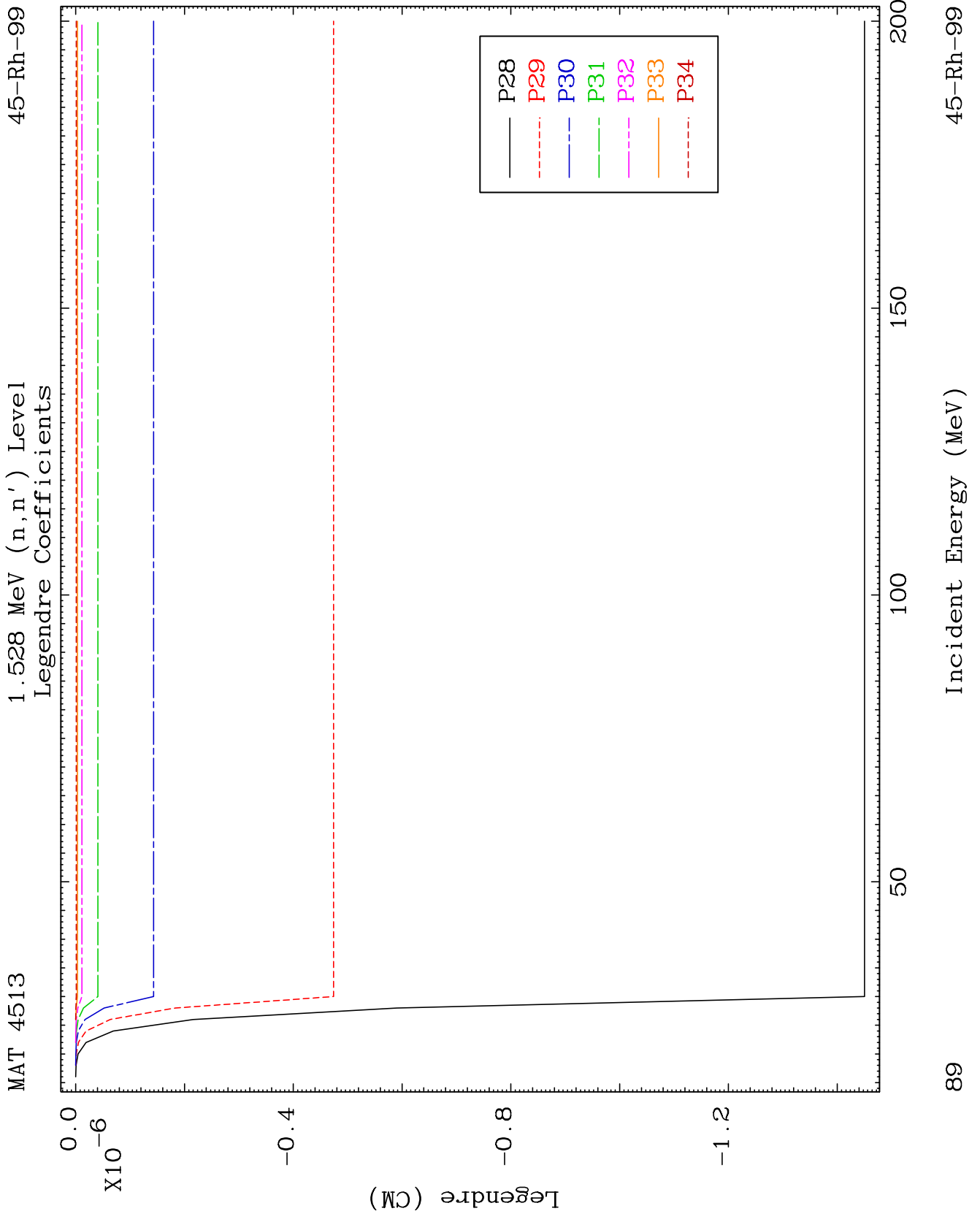
87

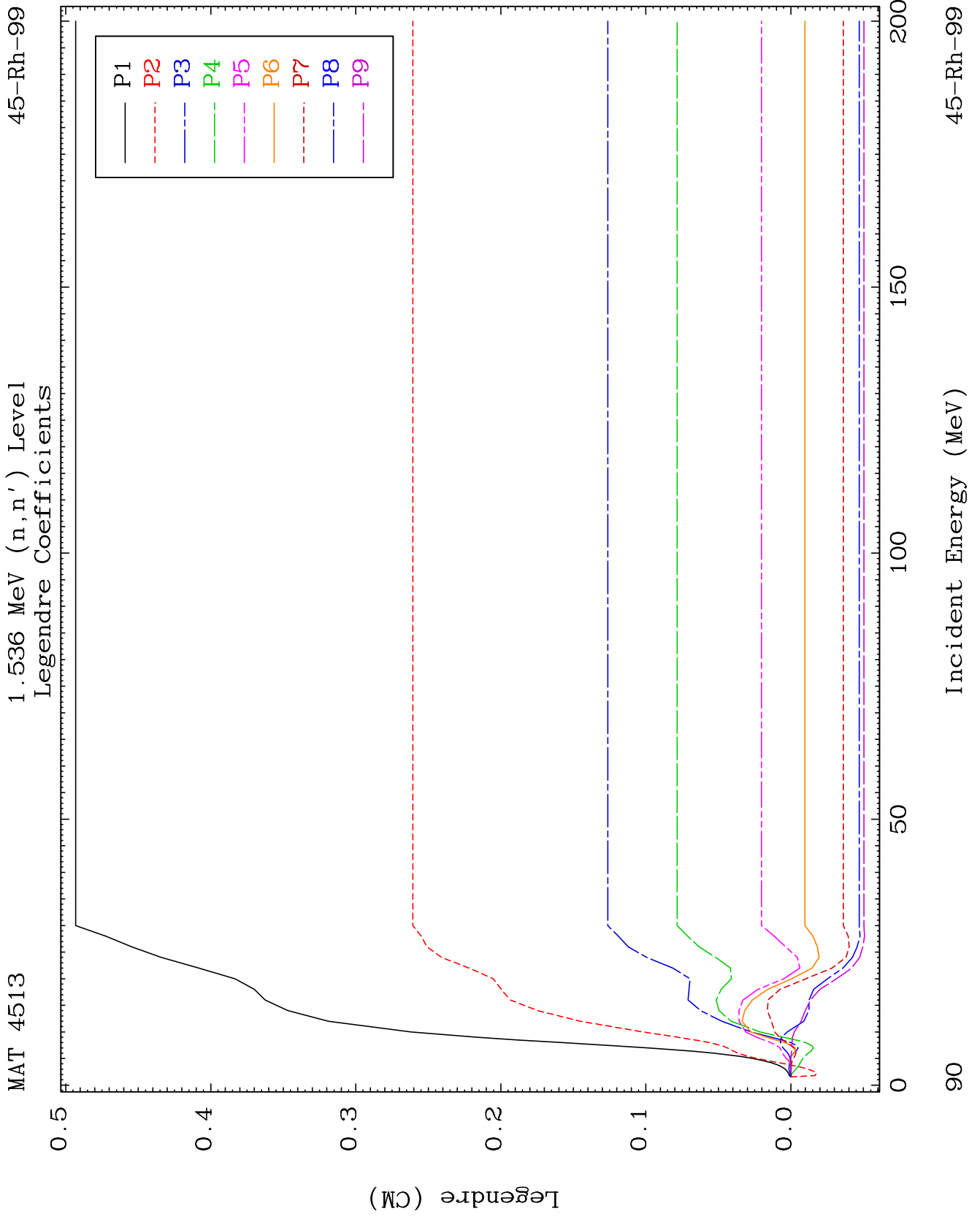
Incident Energy (MeV)

45-Rh-99





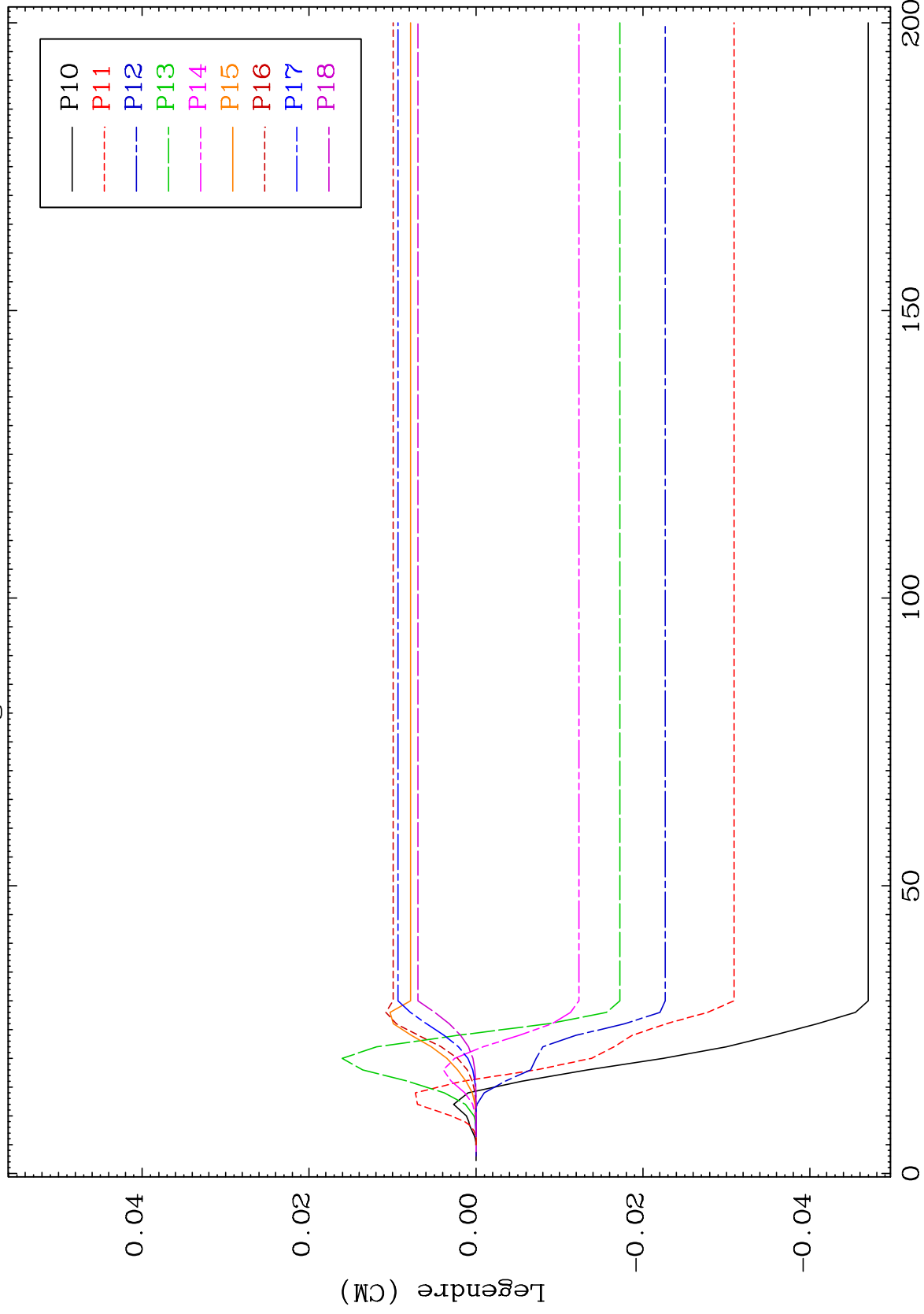




MAT 4513

1.536 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

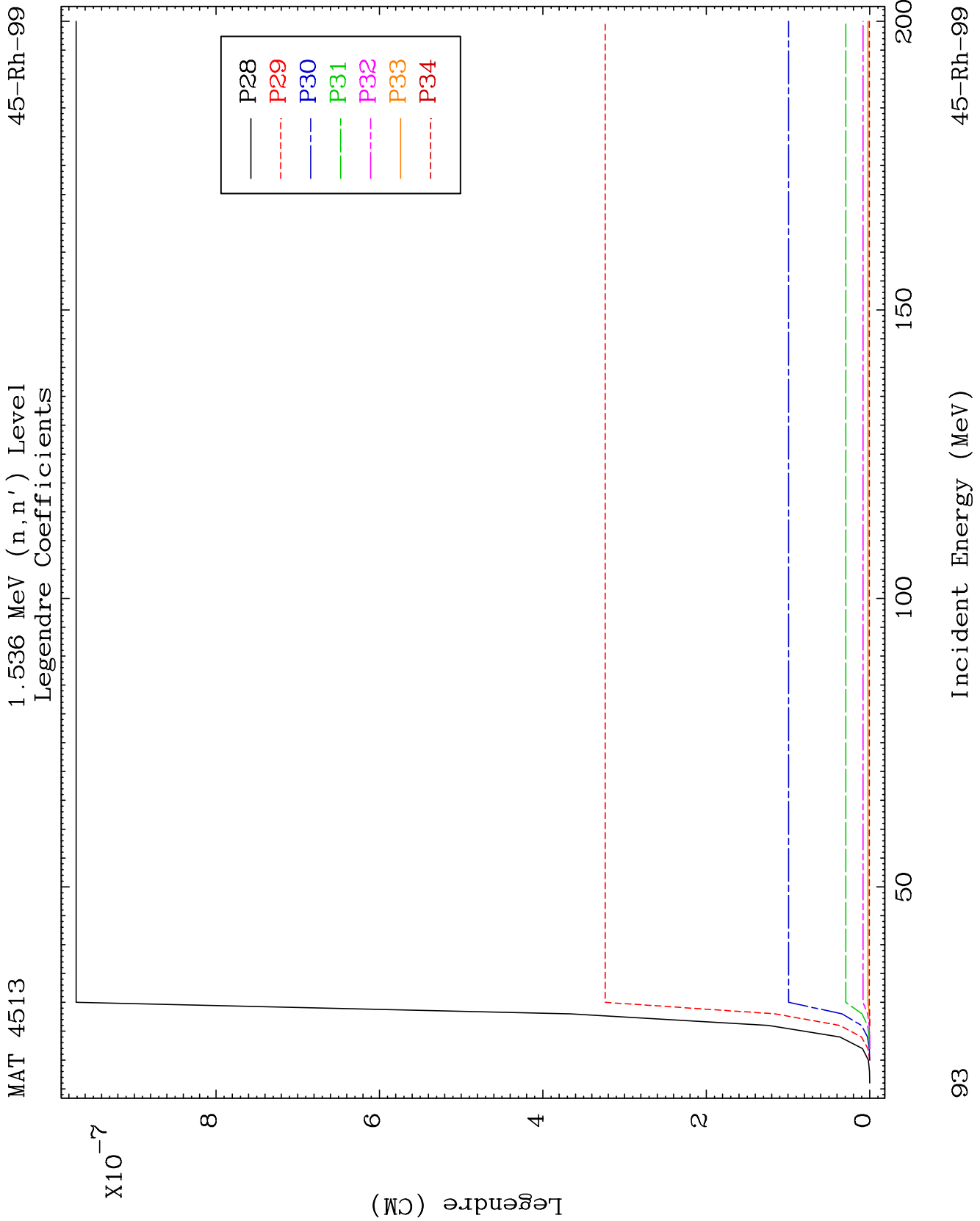


91

Incident Energy (MeV)

45-Rh-99

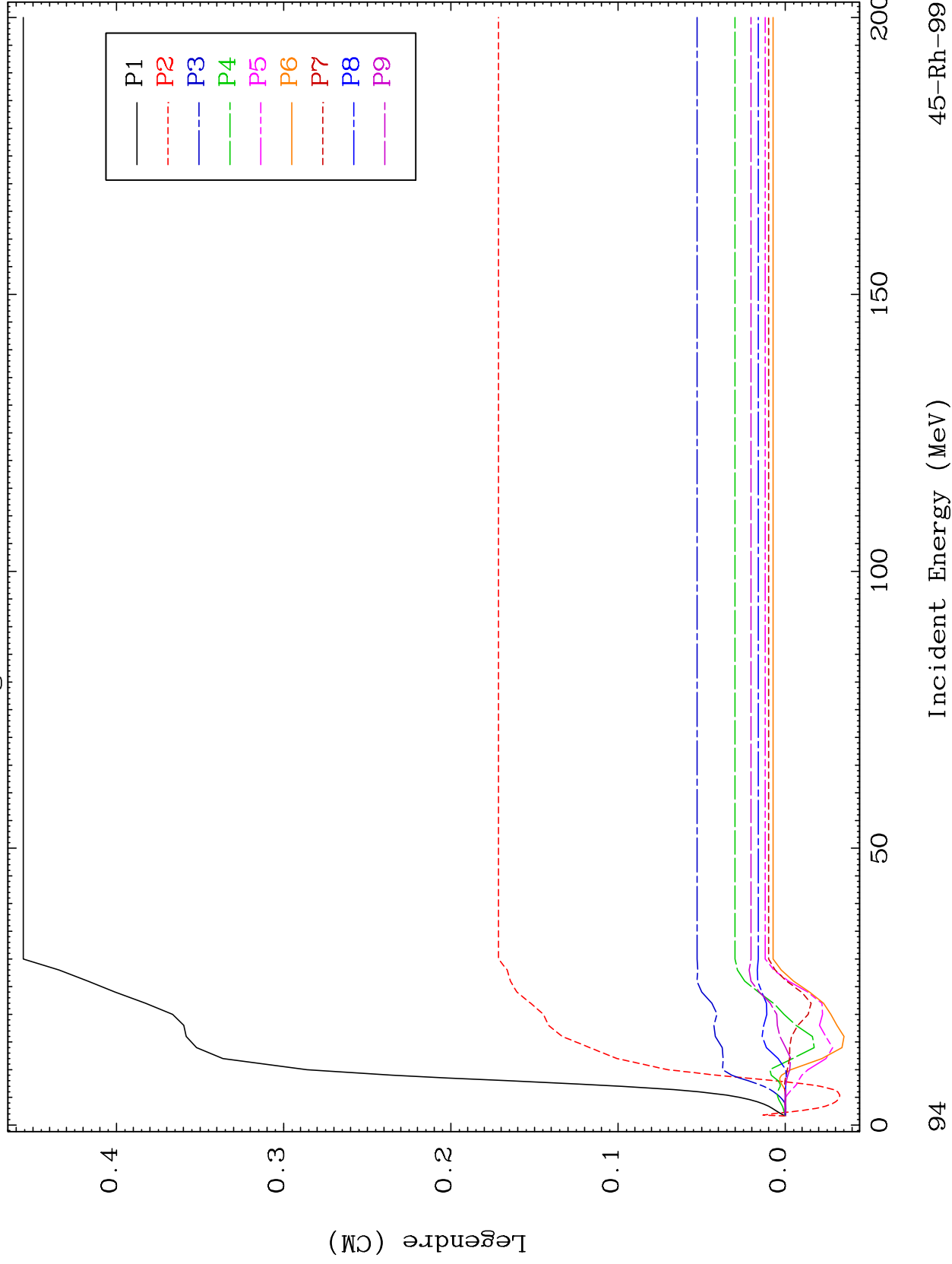




MAT 4513

1.616 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99



94

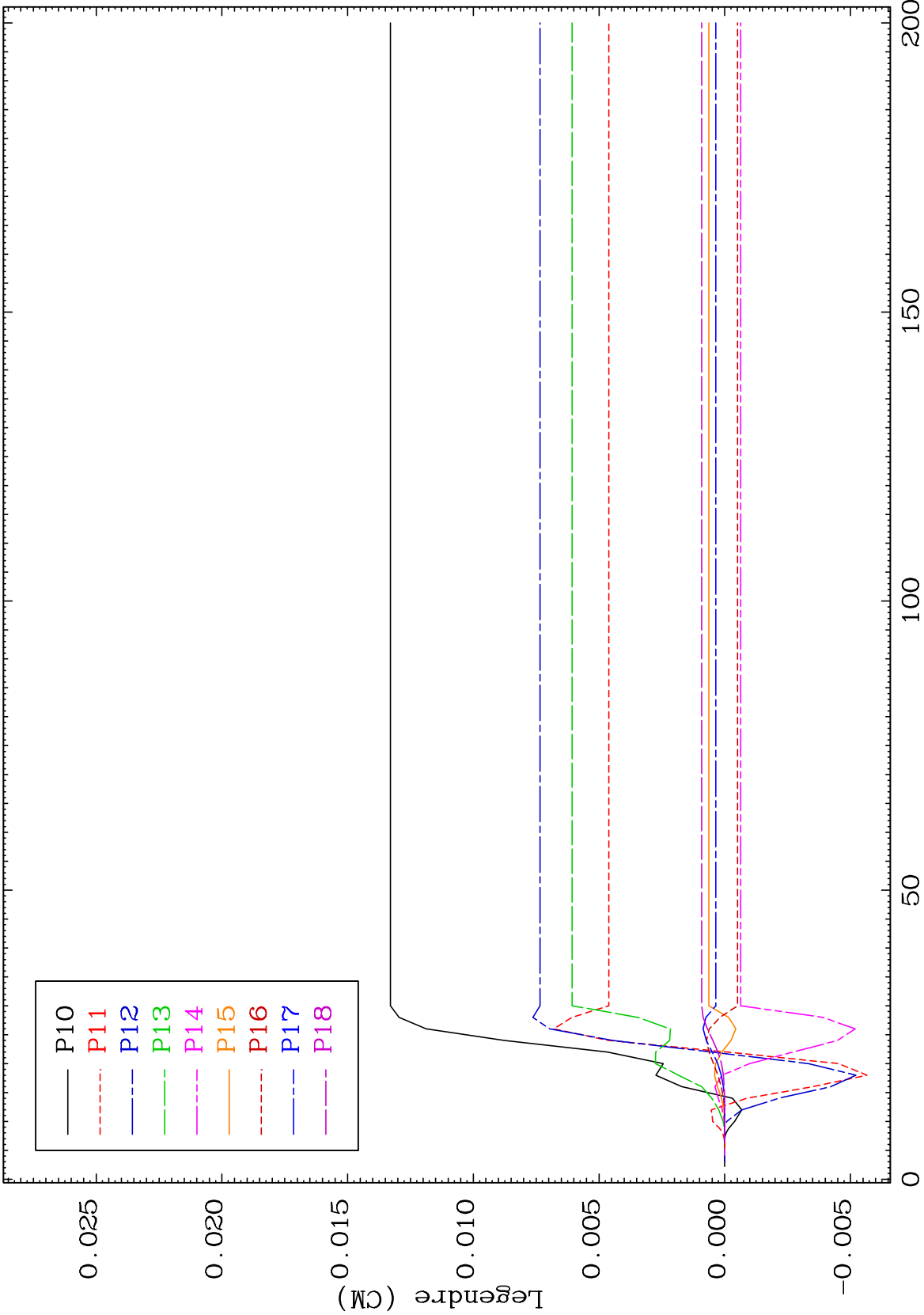
Incident Energy (MeV)

45-Rh-99

MAT 4513

1.616 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

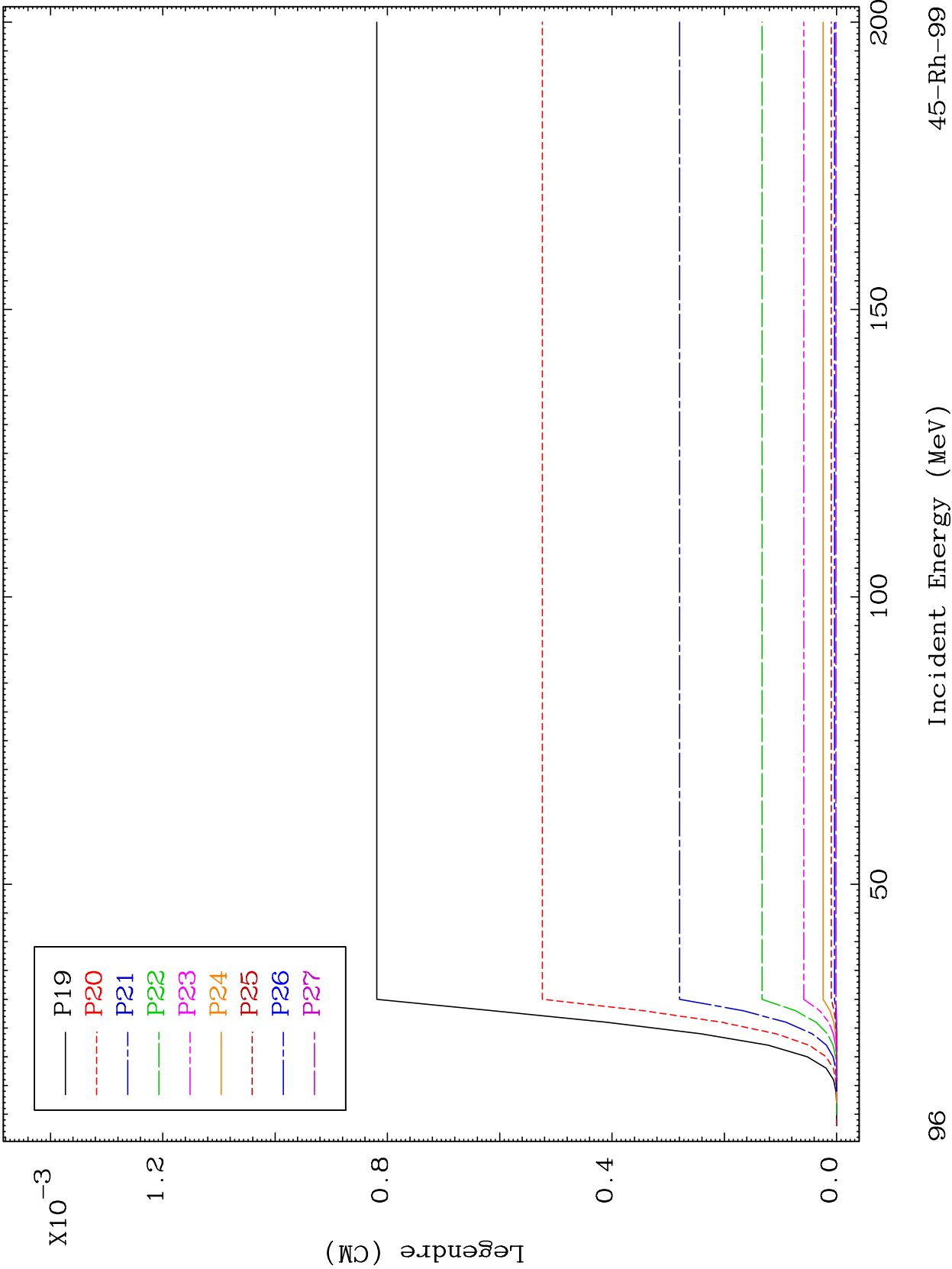


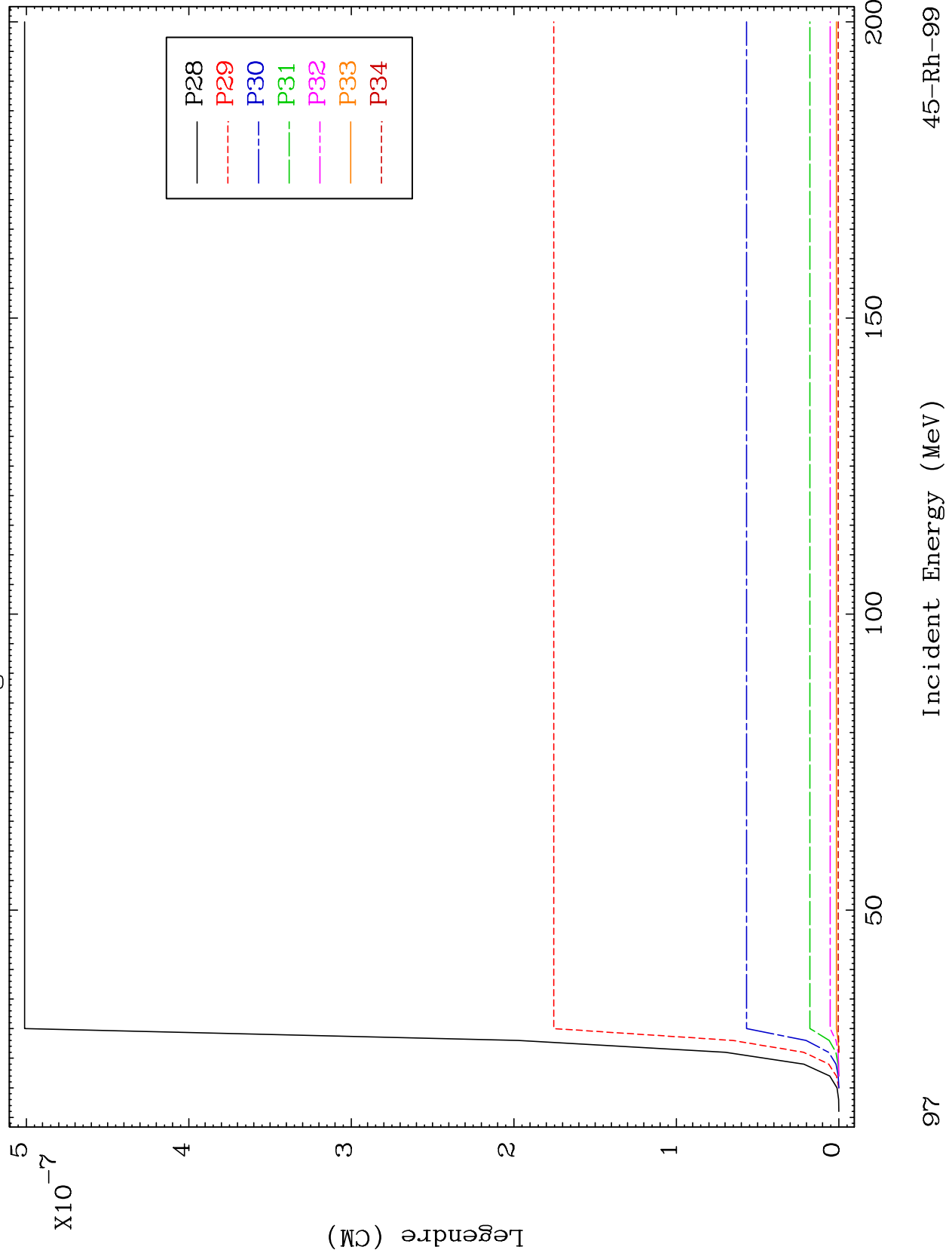
45-Rh-99

Incident Energy (MeV)

95



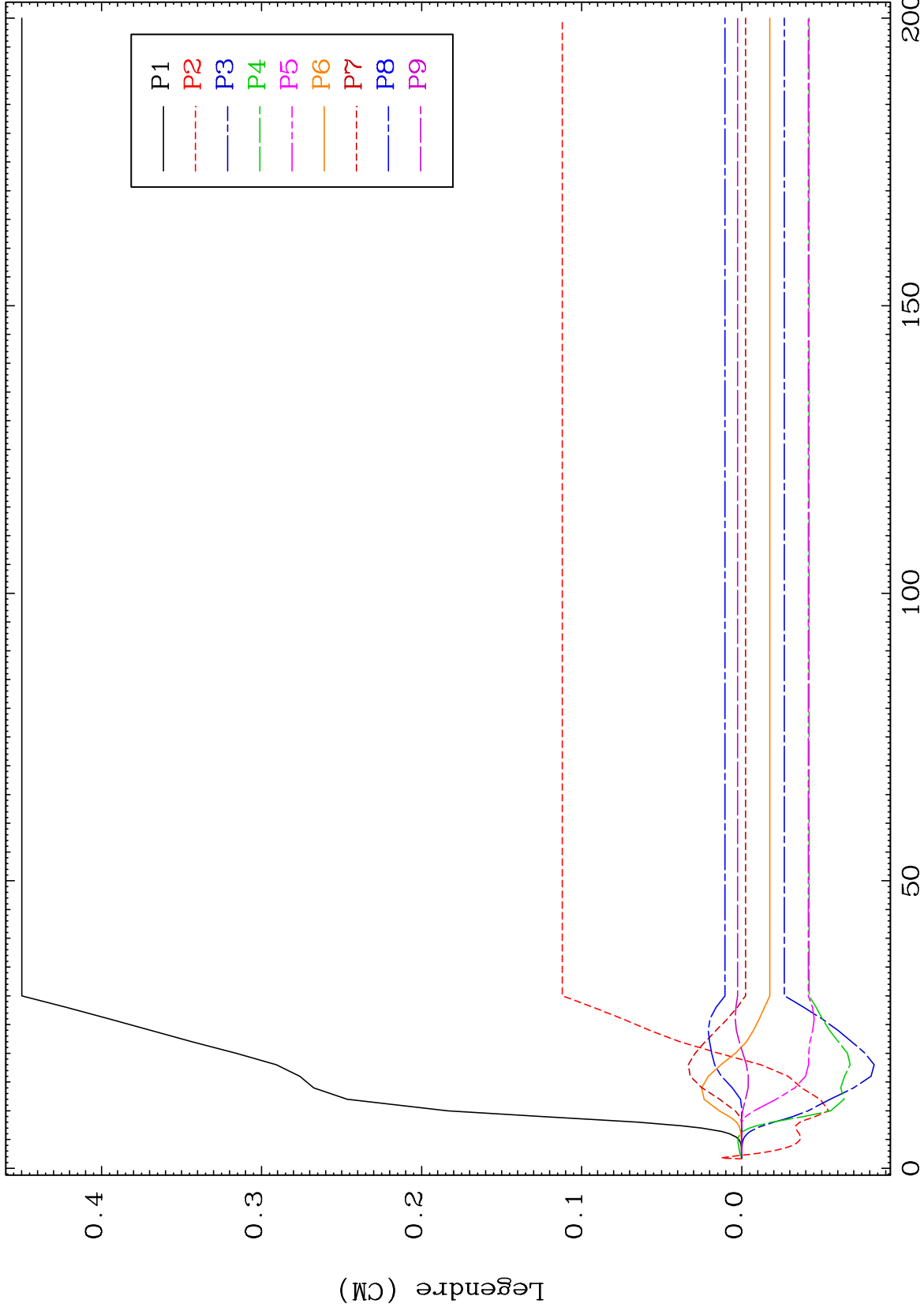




MAT 4513

1.619 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

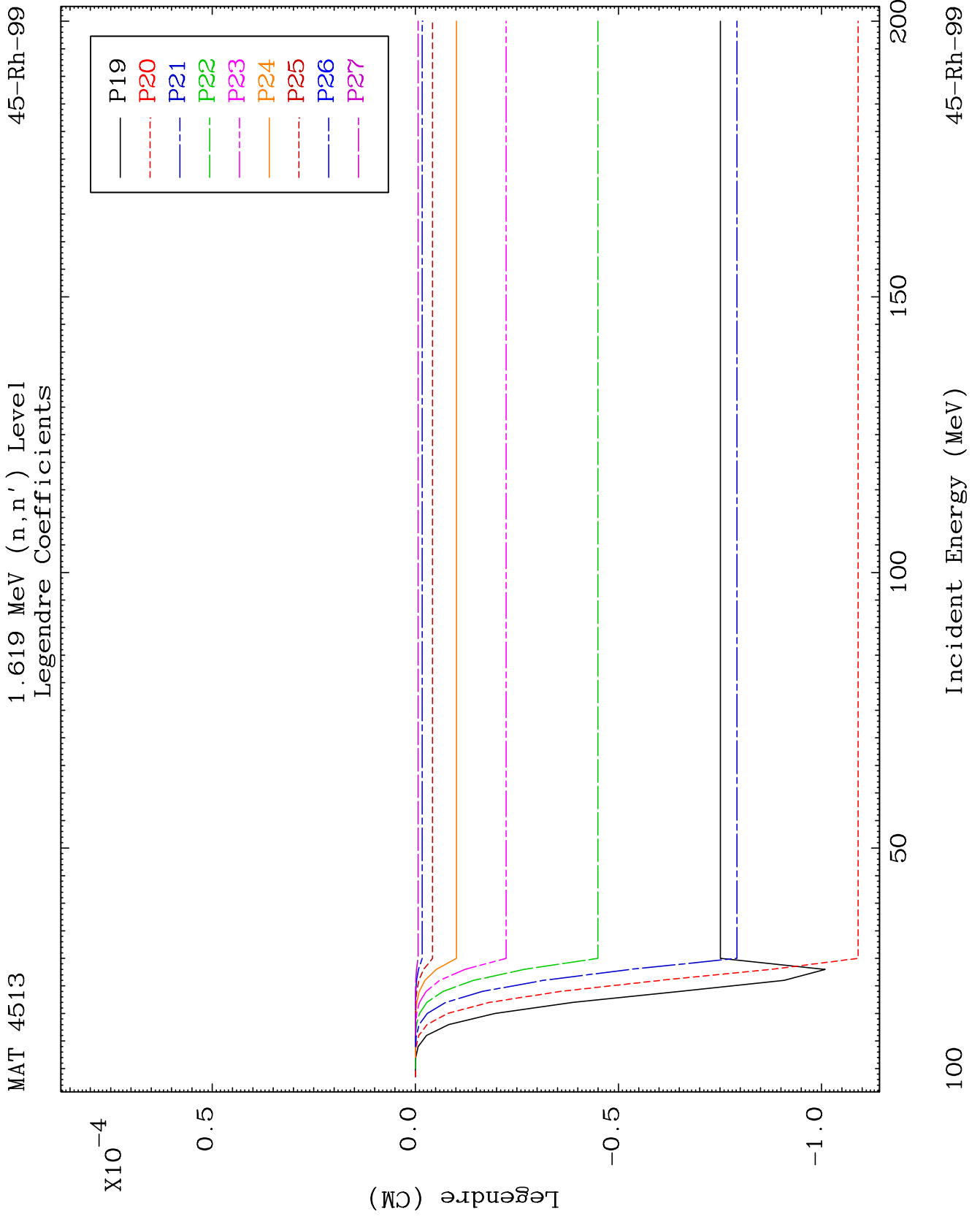


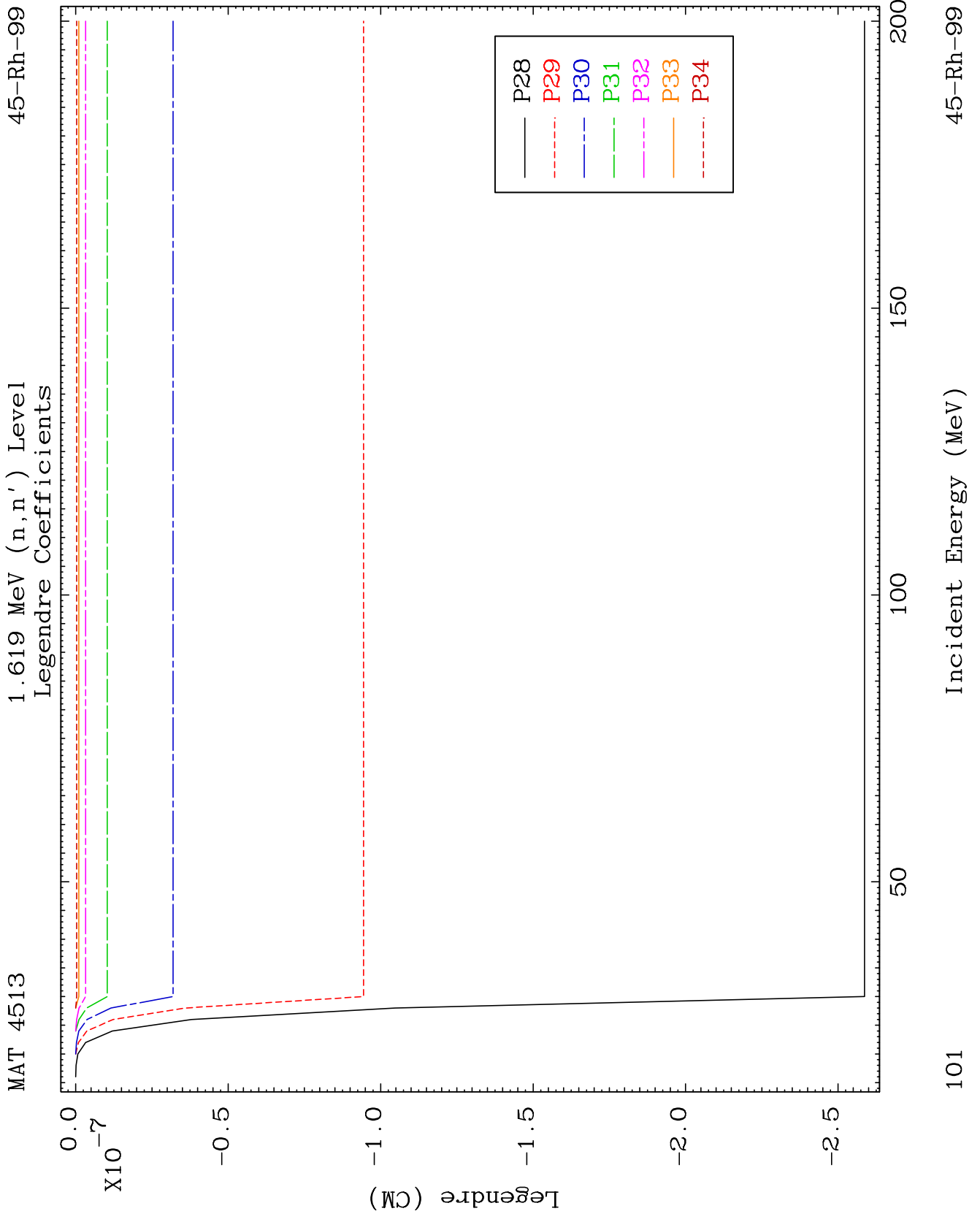
98

Incident Energy (MeV)

45-Rh-99





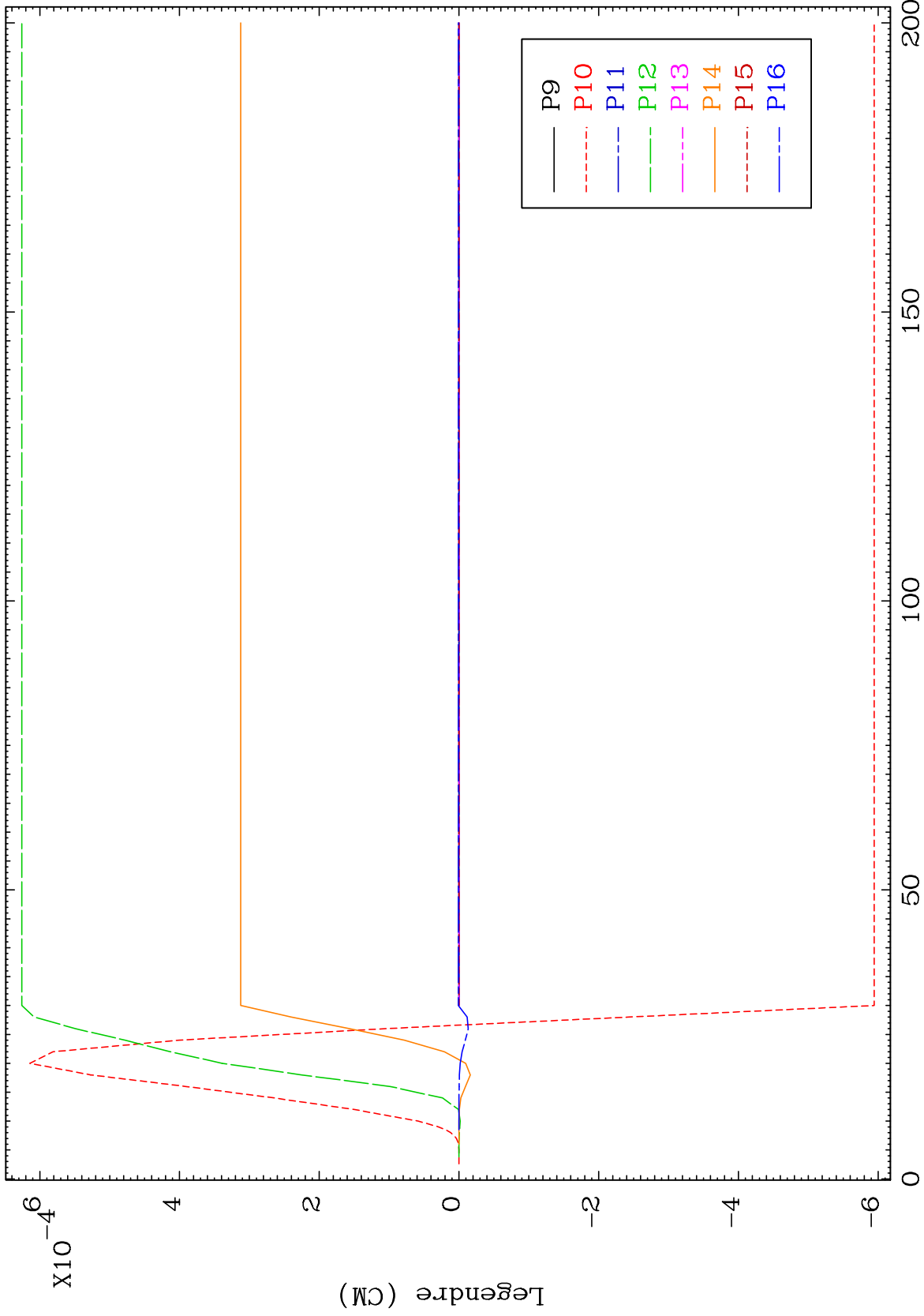




MAT 4513

1.622 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

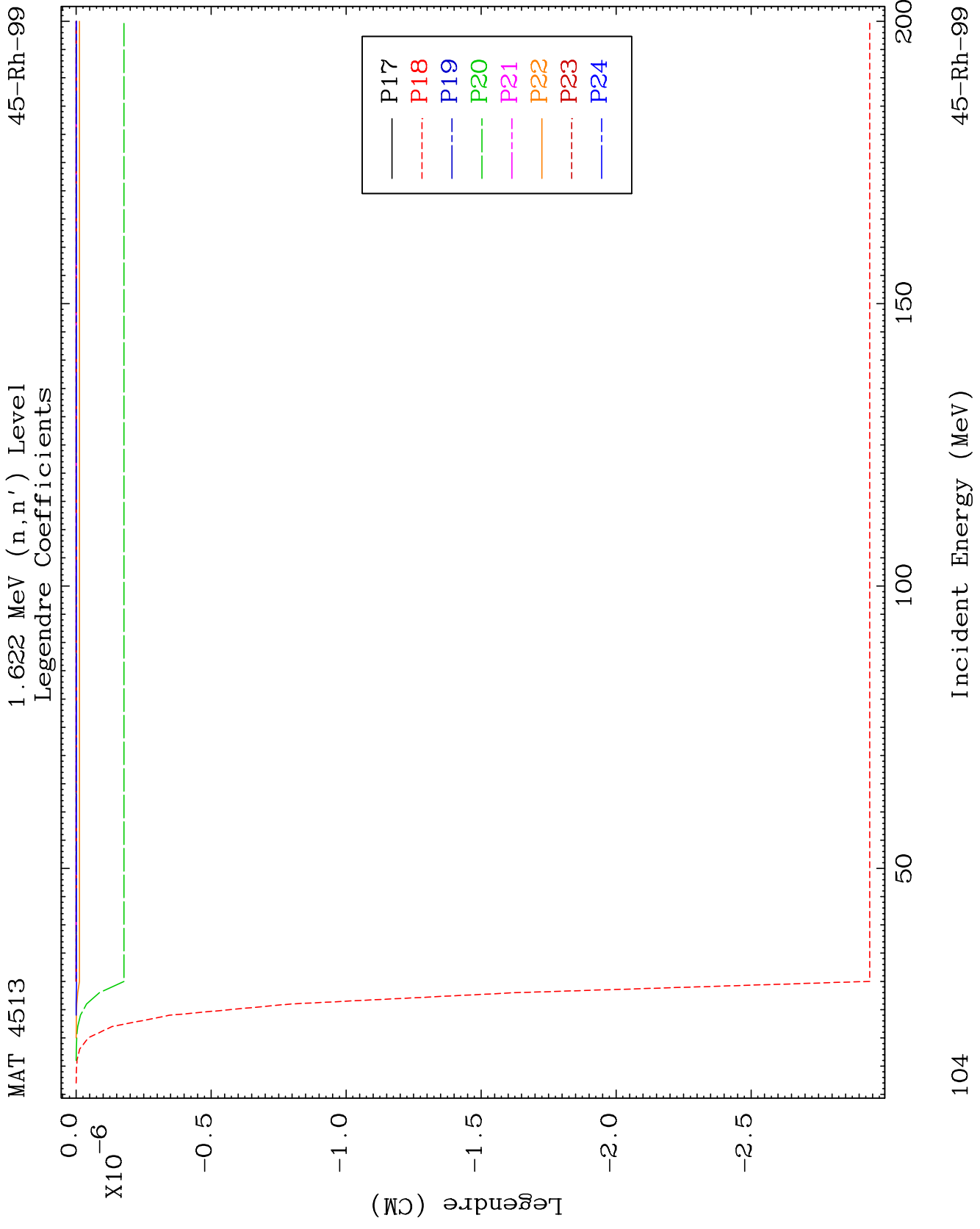


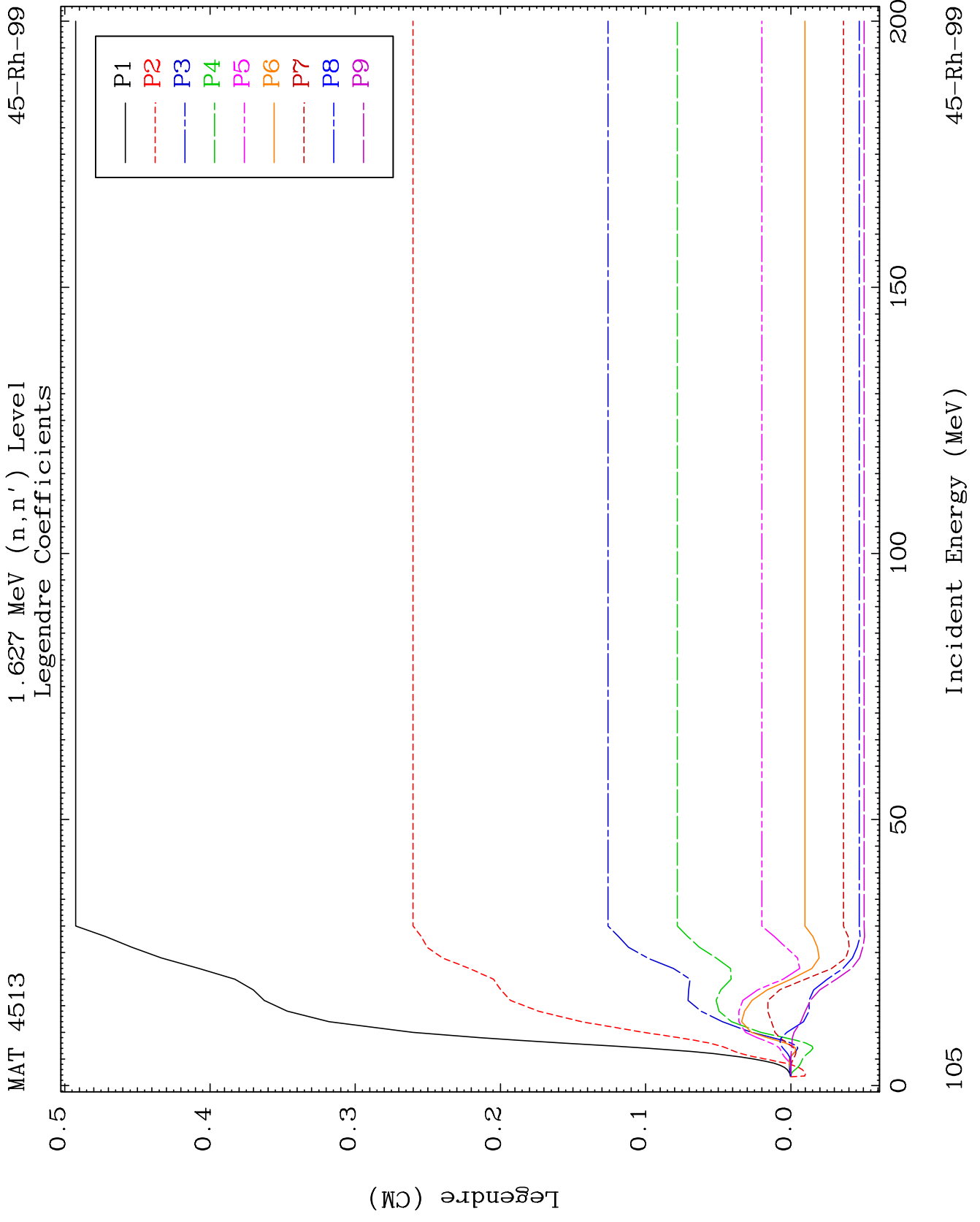
103

Incident Energy (MeV)

45-Rh-99



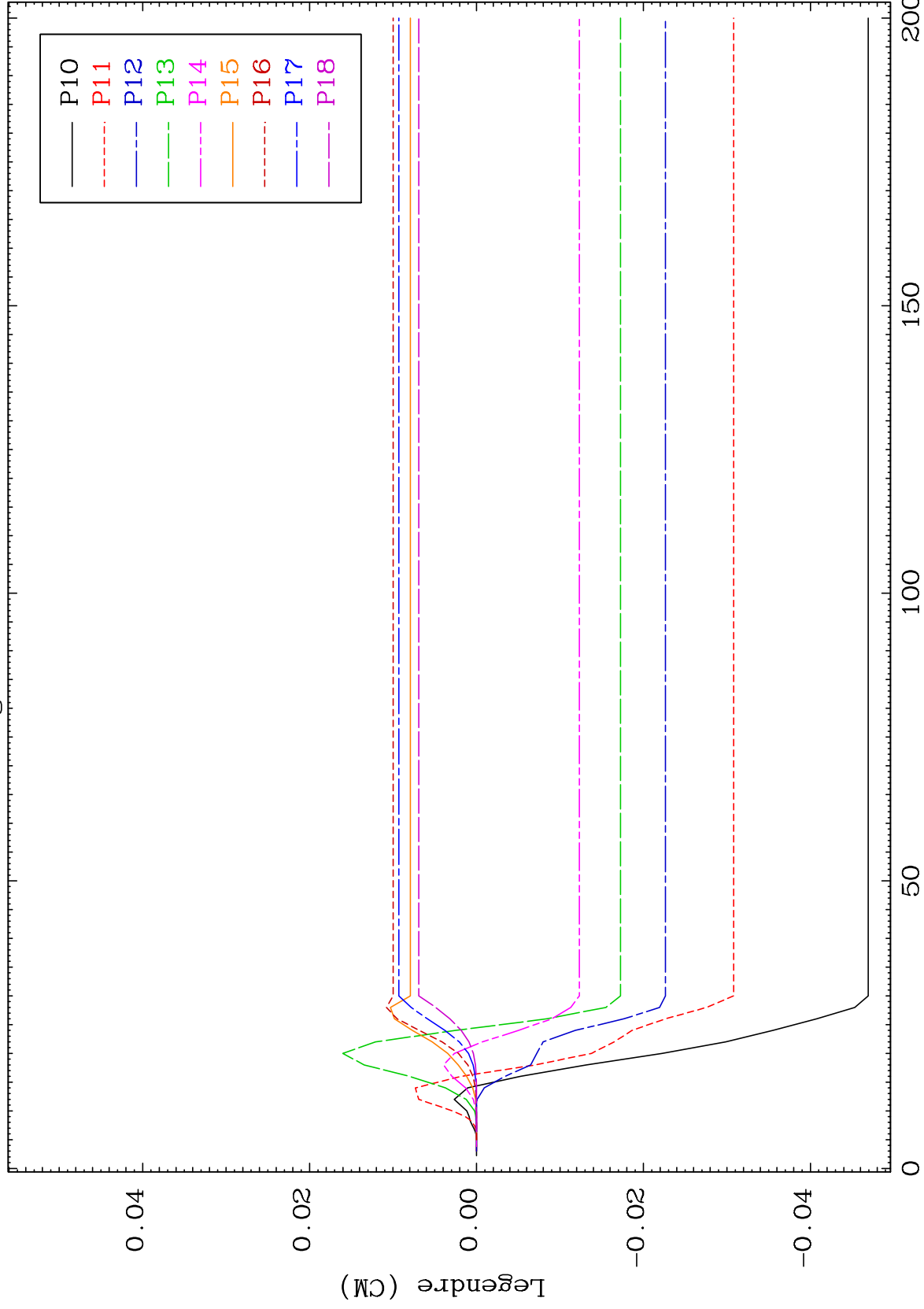




MAT 4513

1.627 MeV (n,n') Level  
Legendre Coefficients

45-Rh-99

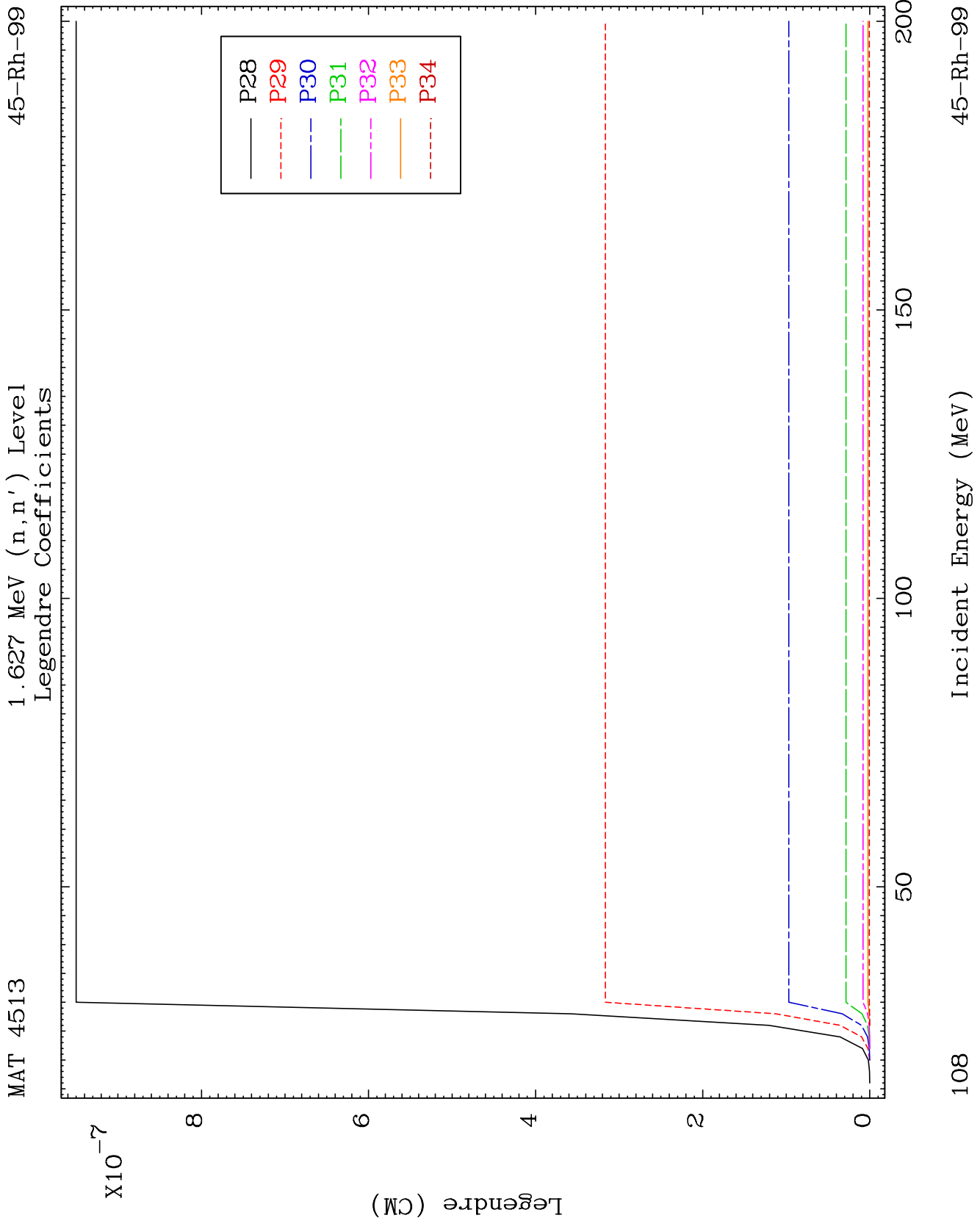


106

Incident Energy (MeV)

45-Rh-99

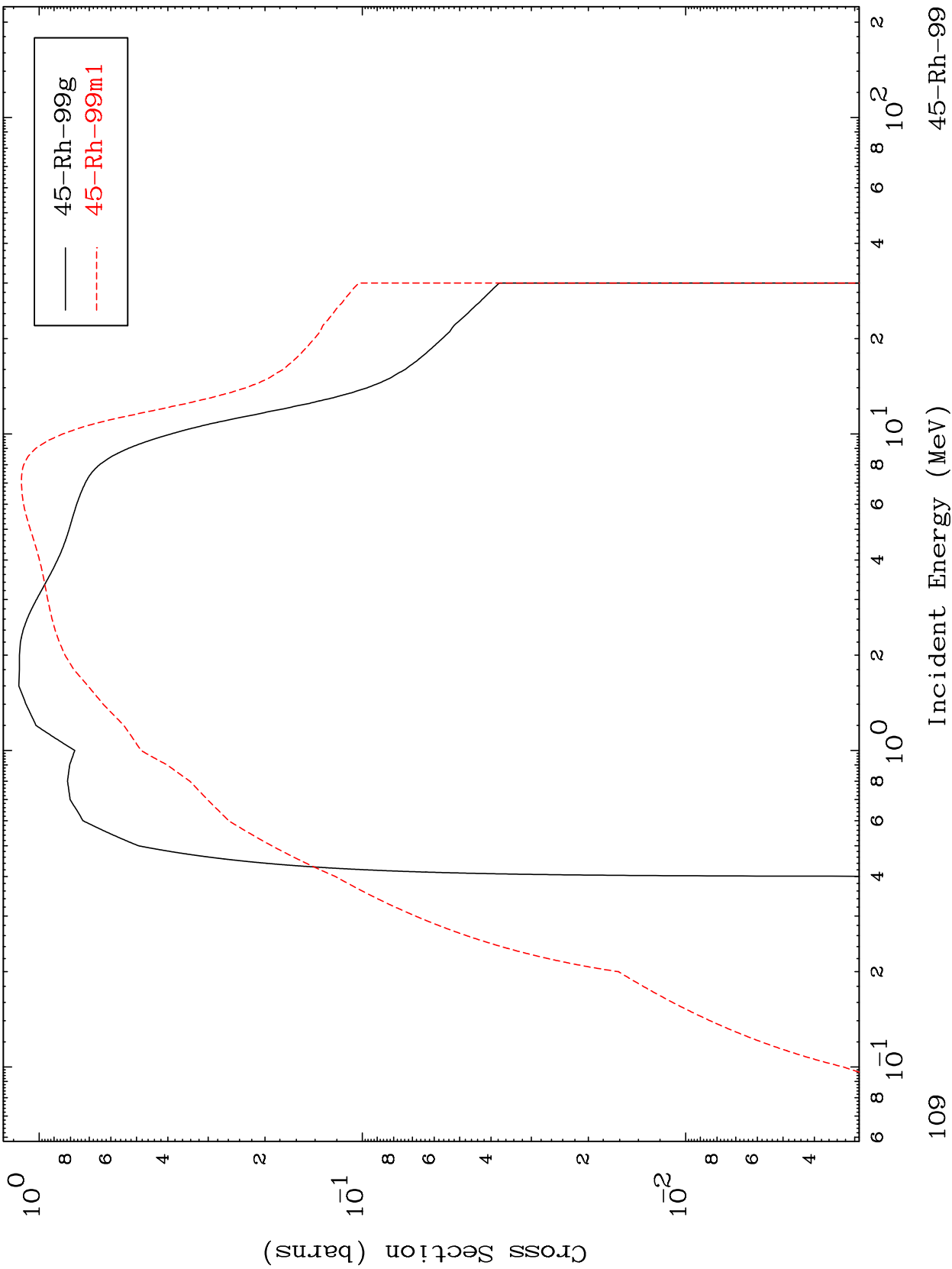




MAT 4513

45-Rh-99

Inelastic  
Radionuclide Production Cross Section



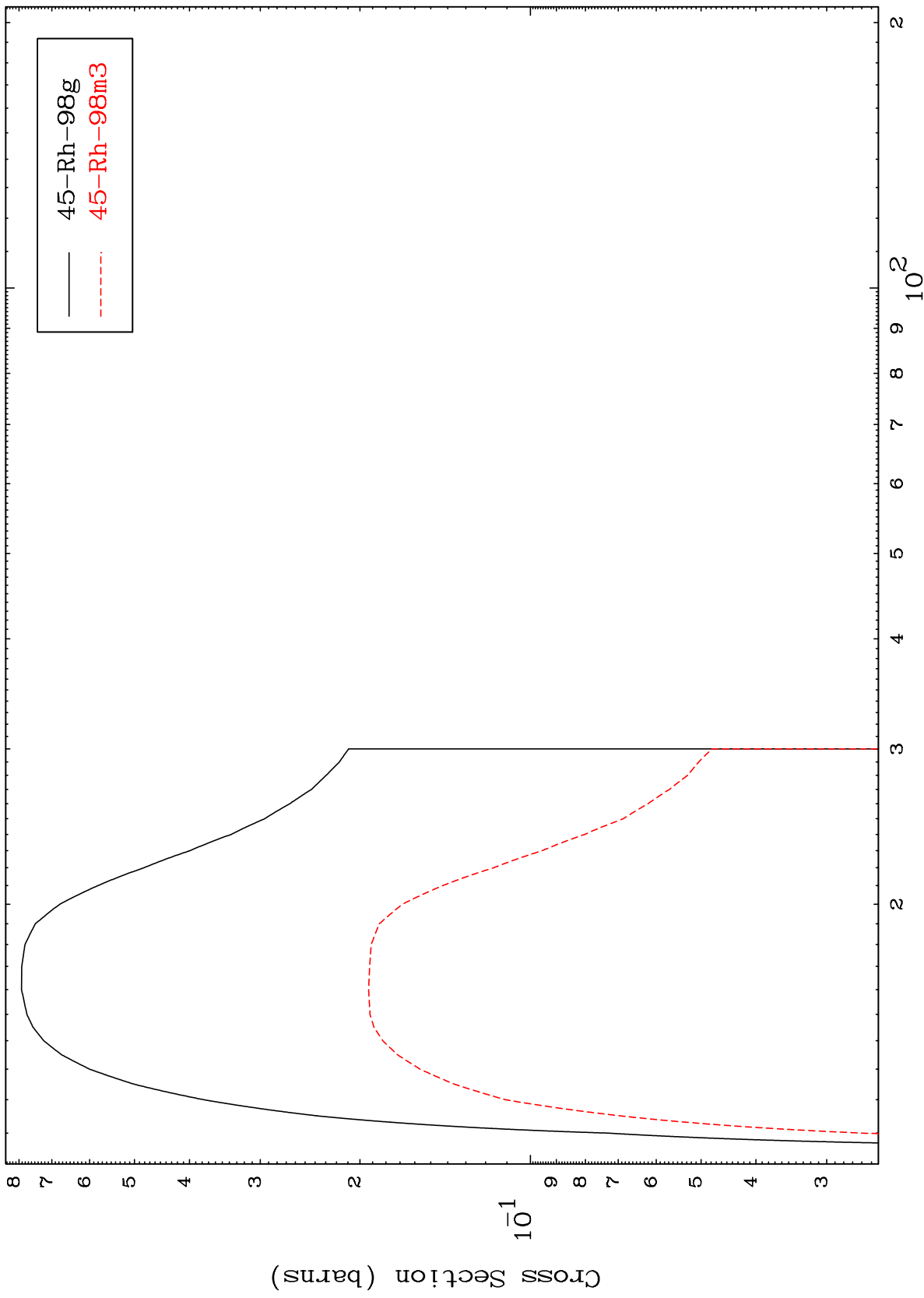
109

45-Rh-99

MAT 4513

45-Rh-99

(n,2n)  
Radionuclide Production Cross Section



110

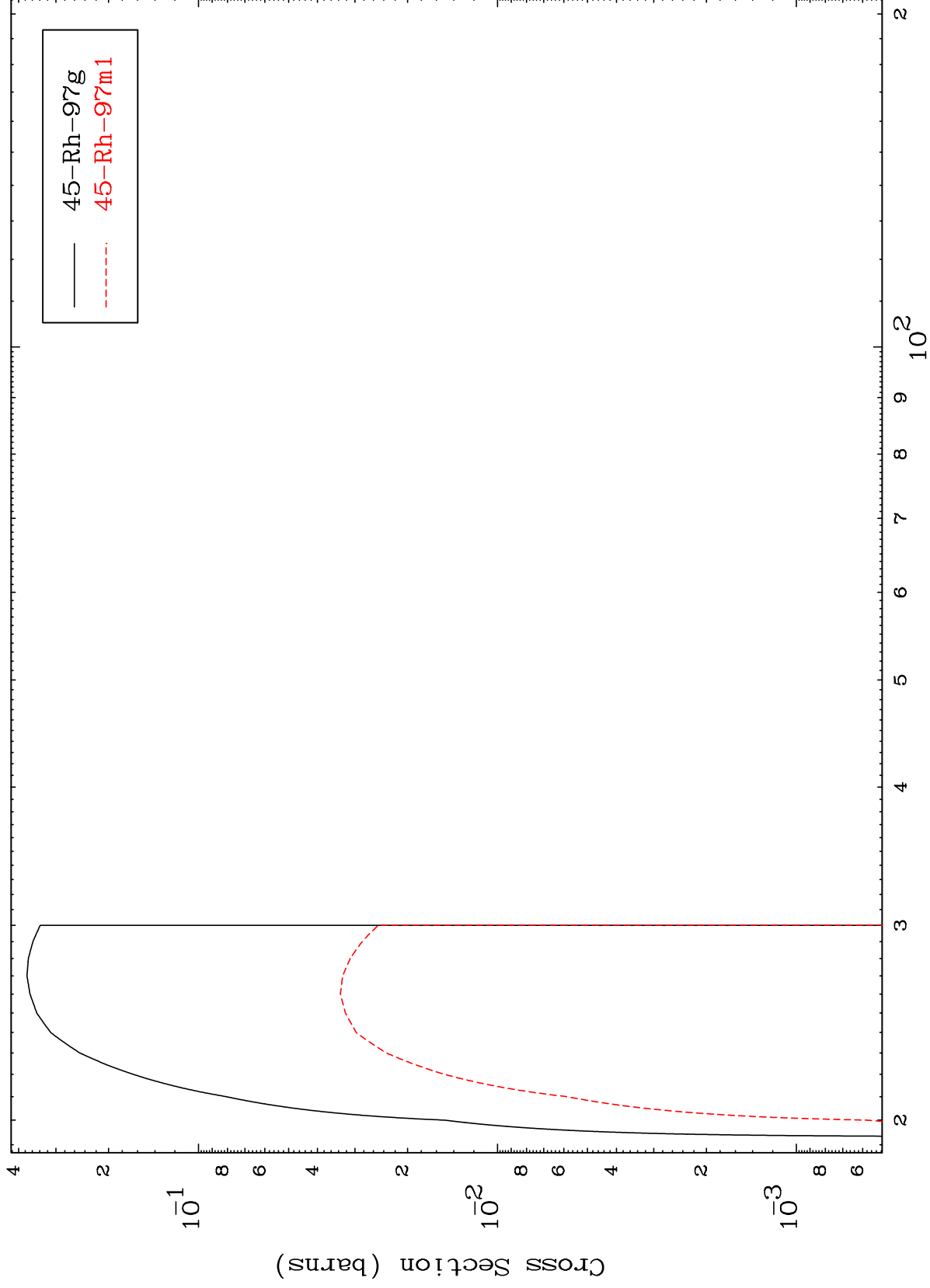
Incident Energy (MeV)

45-Rh-99

MAT 4513

45-Rh-99

(n,3n)  
Radionuclide Production Cross Section



111

Incident Energy (MeV)

45-Rh-99

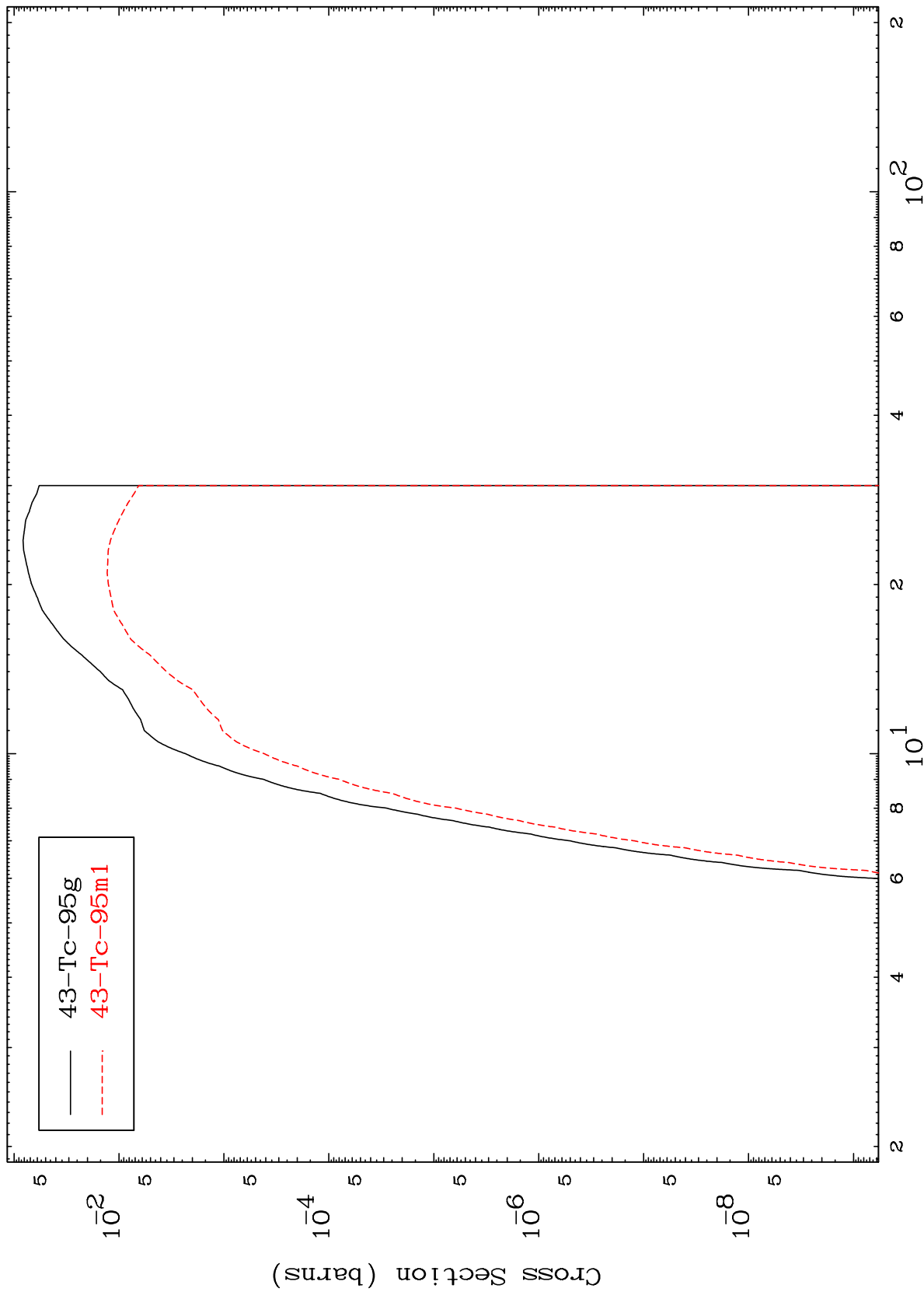


MAT 4513

(n,n')  $\alpha$

45-Rh-99

Radionuclide Production Cross Section

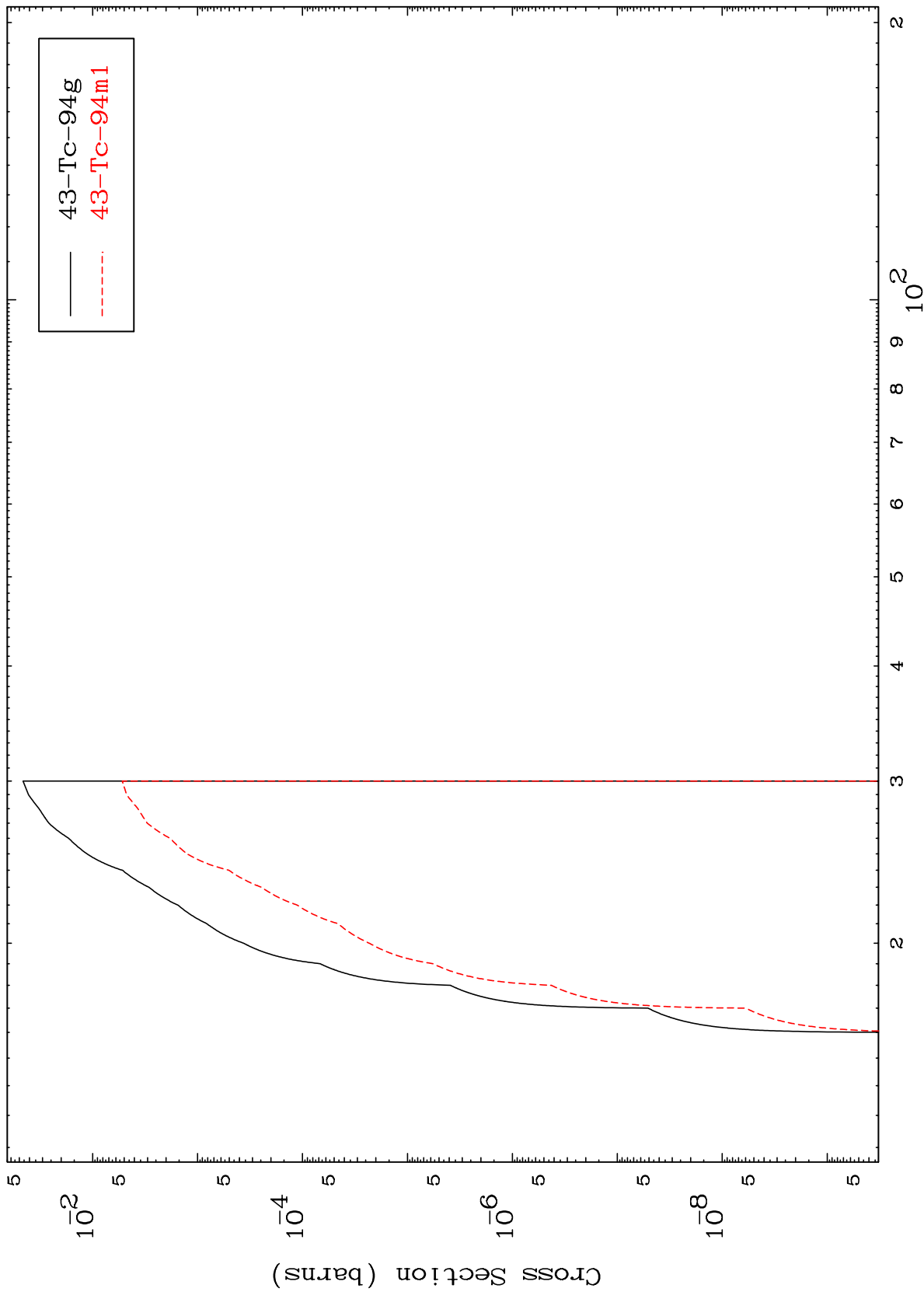


112

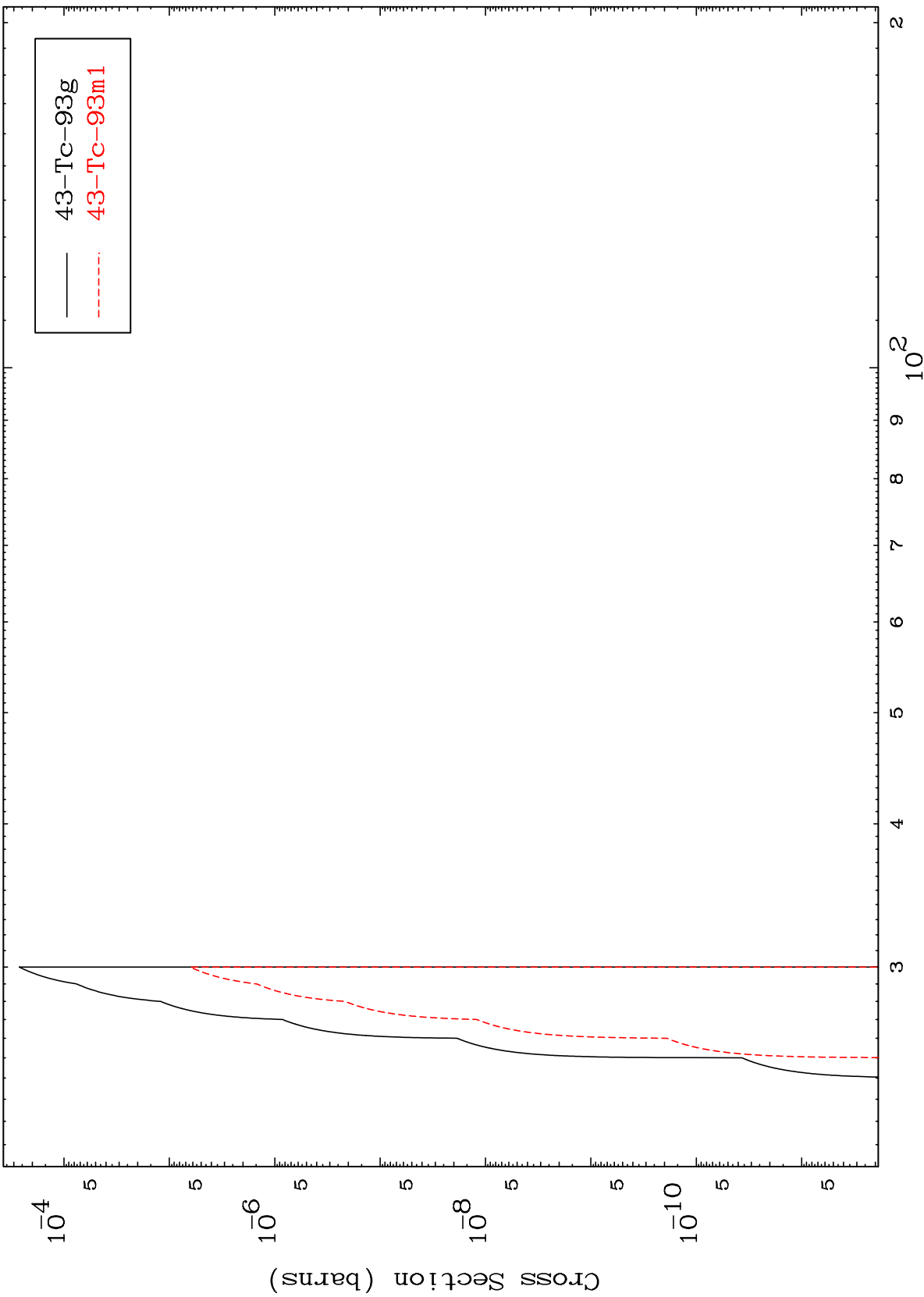
Incident Energy (MeV)

45-Rh-99

Radionuclide Production Cross Section



Radionuclide Production Cross Section

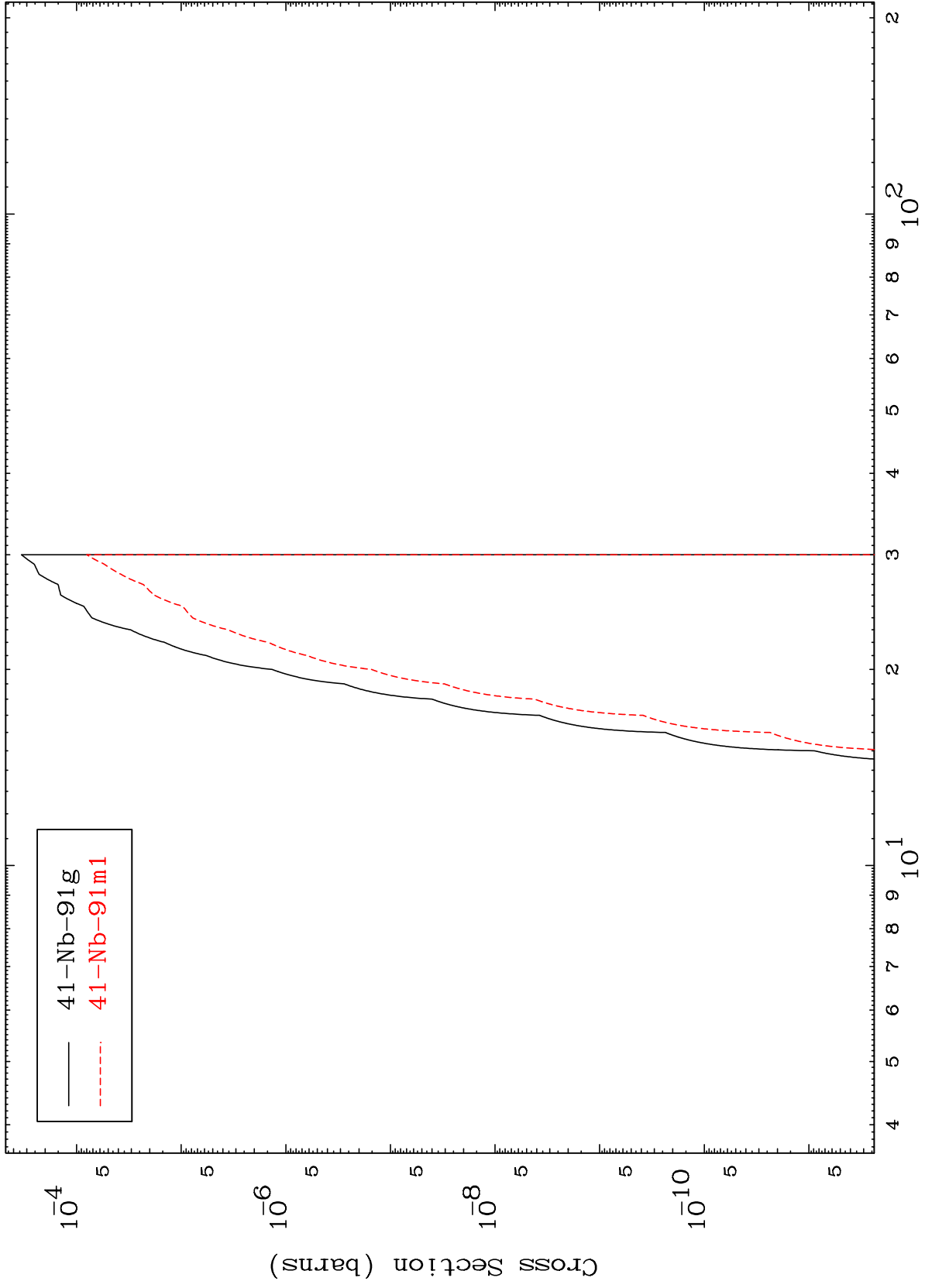


MAT 4513

(n,n') 2α

45-Rh-99

Radionuclide Production Cross Section



— 41-Nb-91g  
- - - 41-Nb-91m1

115

Incident Energy (MeV)

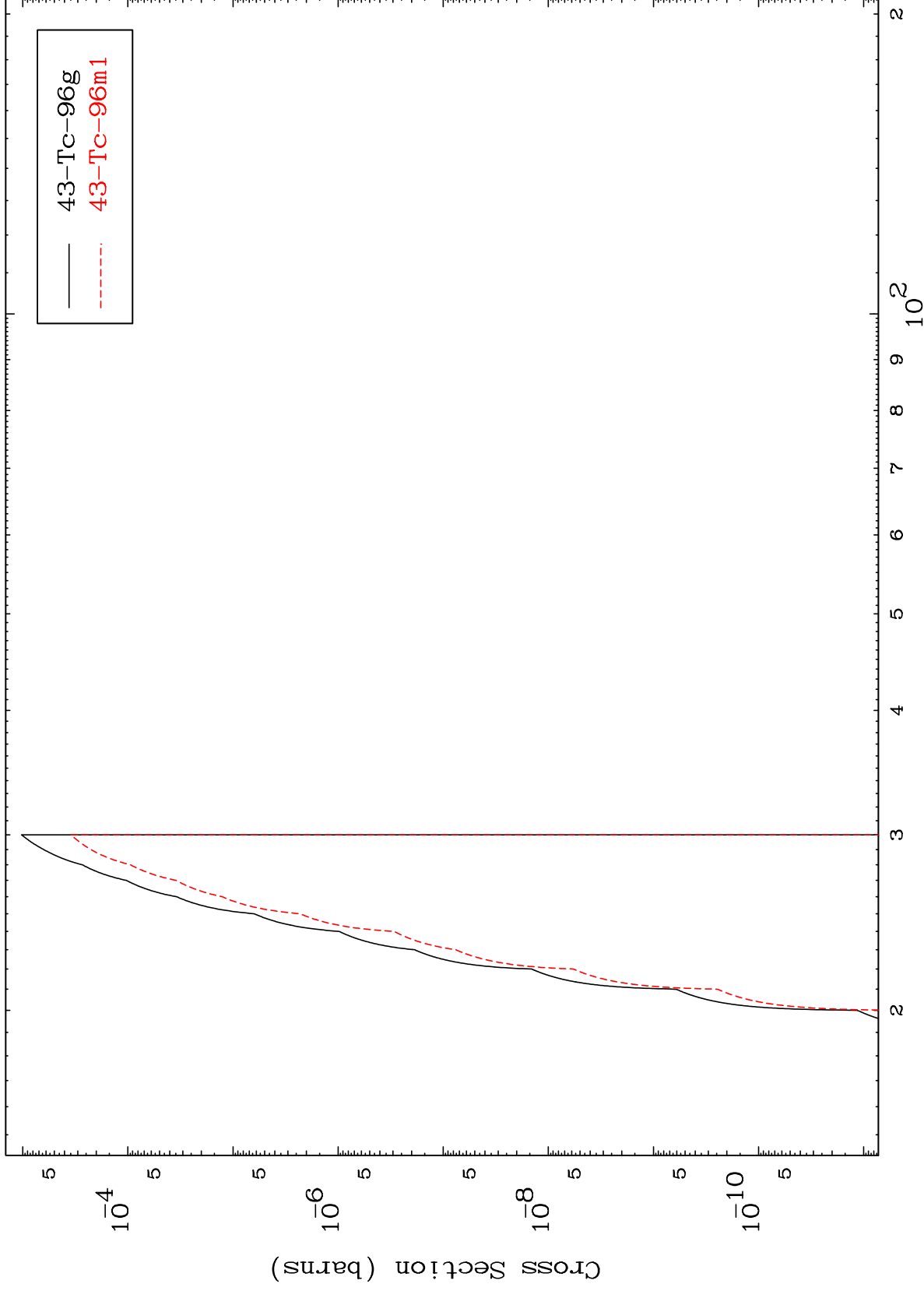
45-Rh-99

MAT 4513

(n,n') He-3

45-Rh-99

Radionuclide Production Cross Section



116

Incident Energy (MeV)

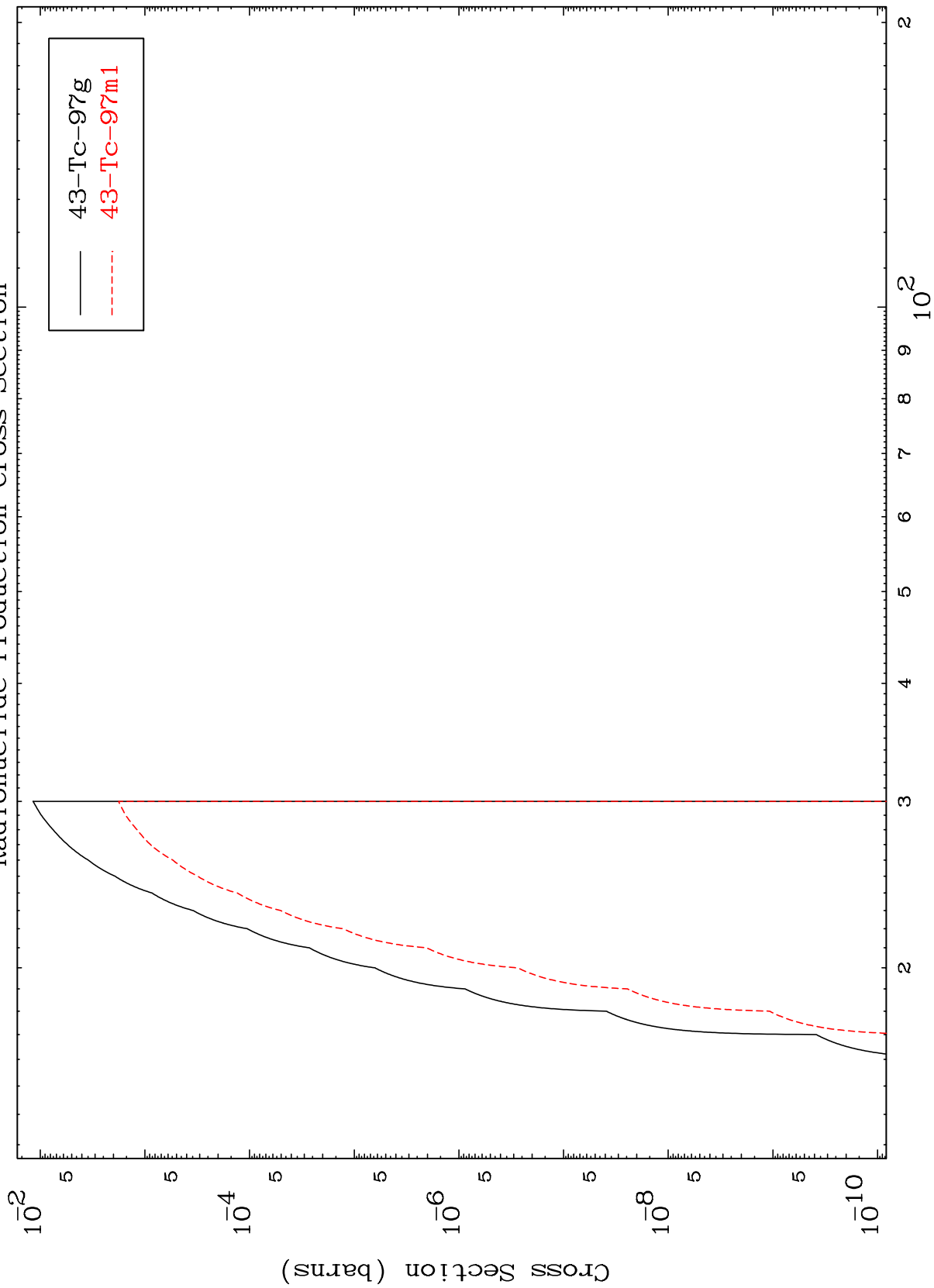
45-Rh-99

MAT 4513

(n,2n) p

45-Rh-99

Radionuclide Production Cross Section



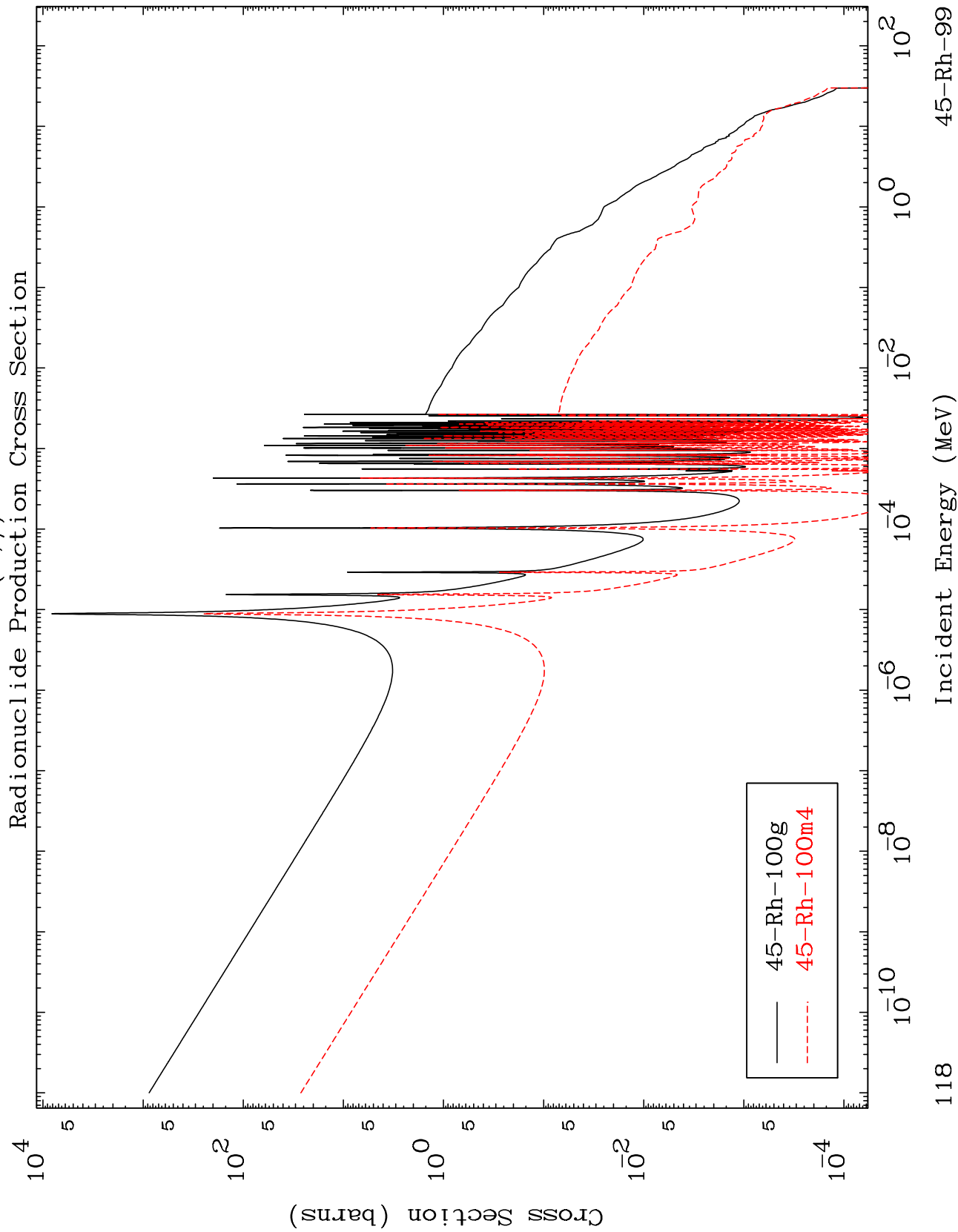
117

Incident Energy (MeV)

45-Rh-99

MAT 4513

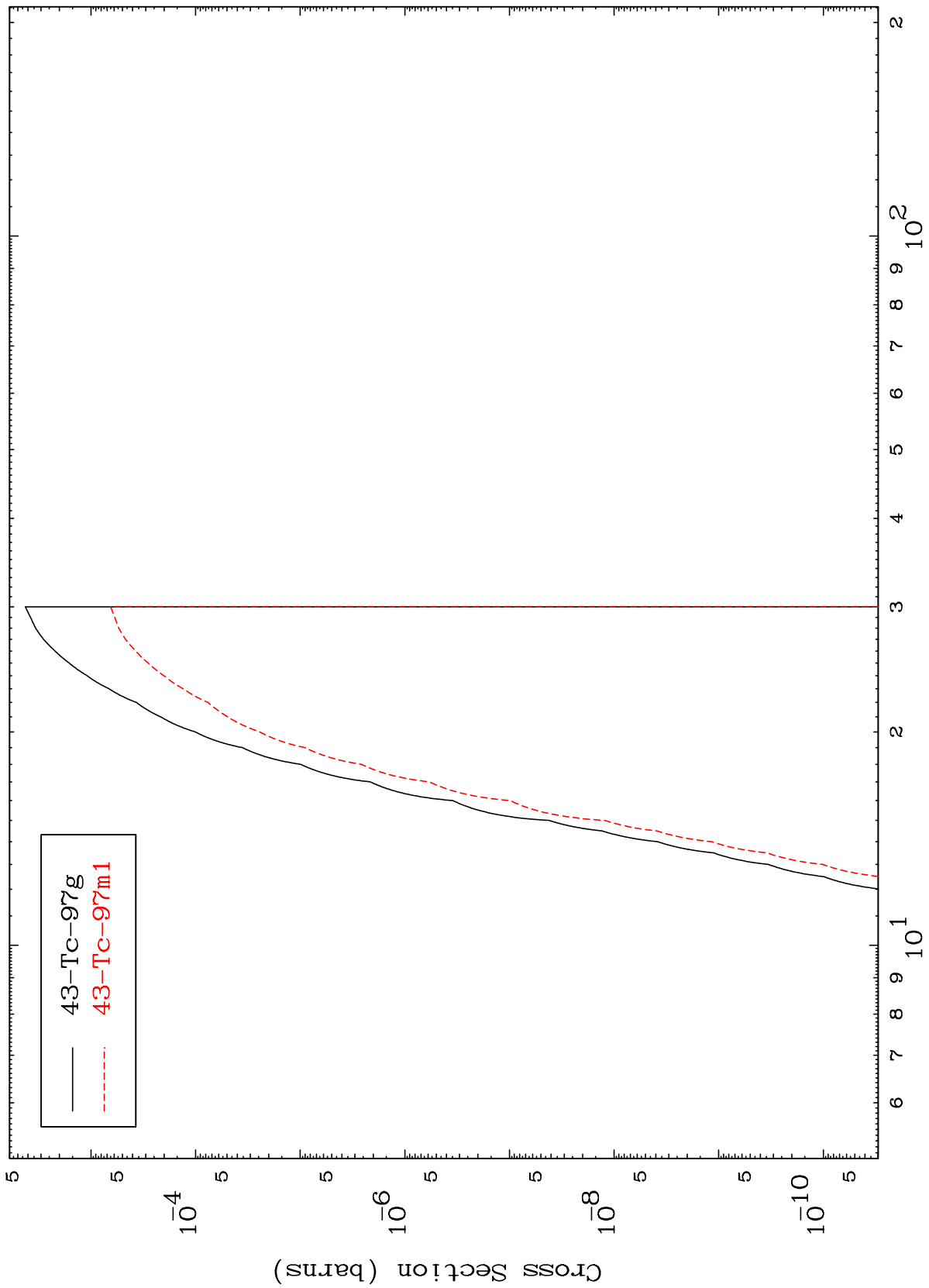
45-Rh-99



MAT 4513

45-Rh-99

Radionuclide Production Cross Section  
(n,He-3)



43-Tc-97g  
43-Tc-97m1

119

Incident Energy (MeV)

45-Rh-99

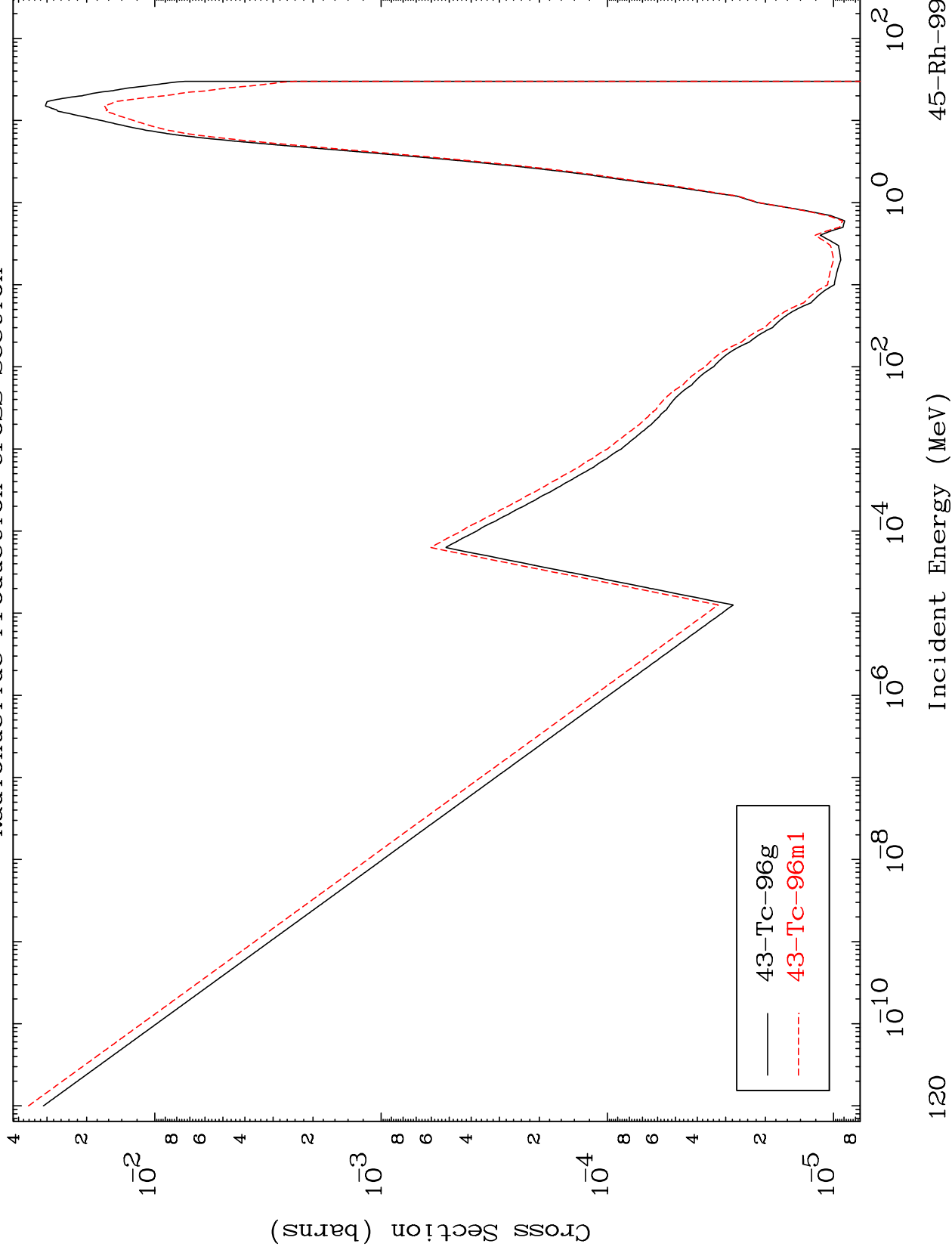


MAT 4513

(n,  $\alpha$ )

45-Rh-99

Radionuclide Production Cross Section



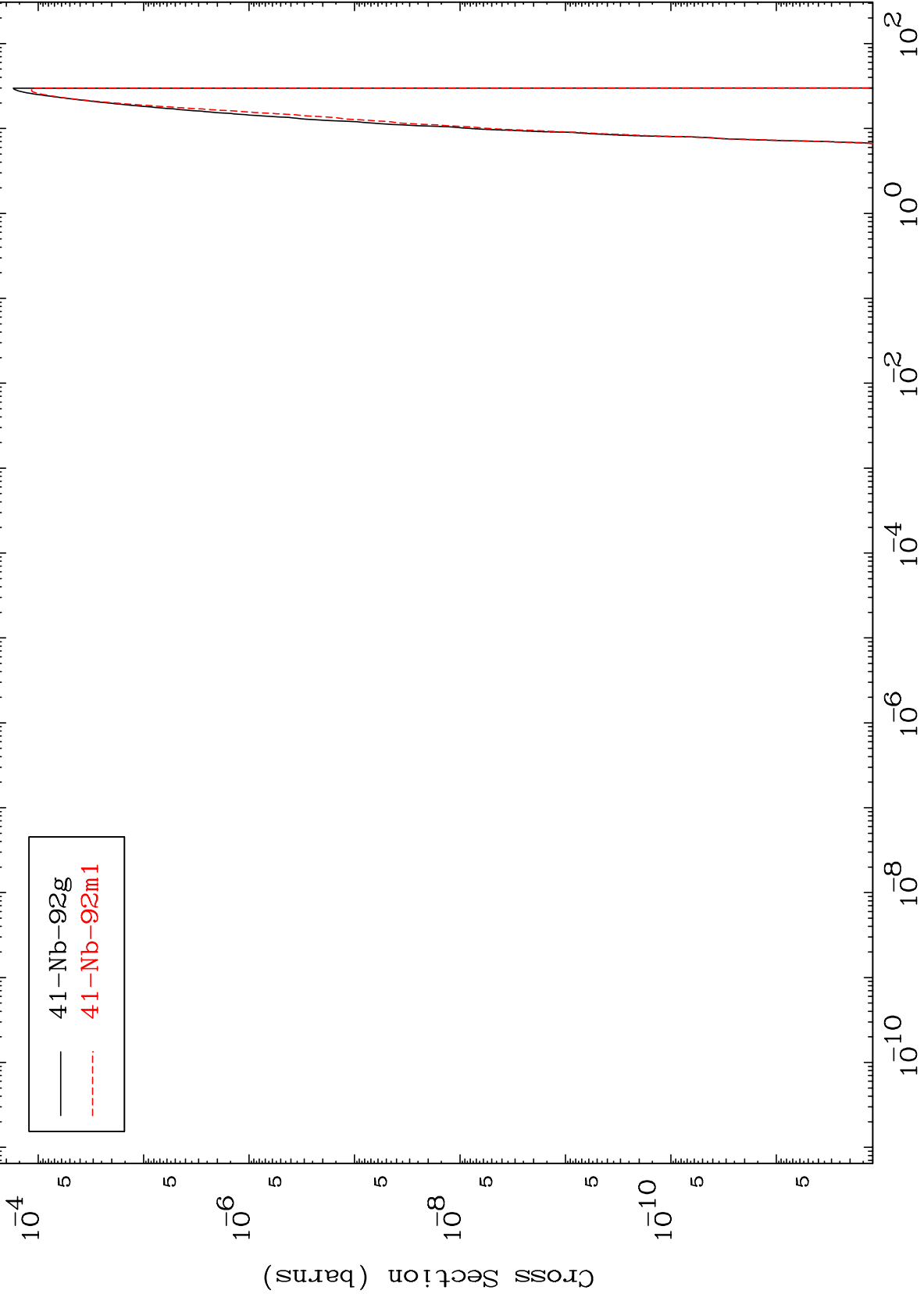
120

MAT 4513

(n,2α)

45-Rh-99

Radionuclide Production Cross Section



— 41-Nb-92g  
- - - 41-Nb-92m1

121

Incident Energy (MeV)

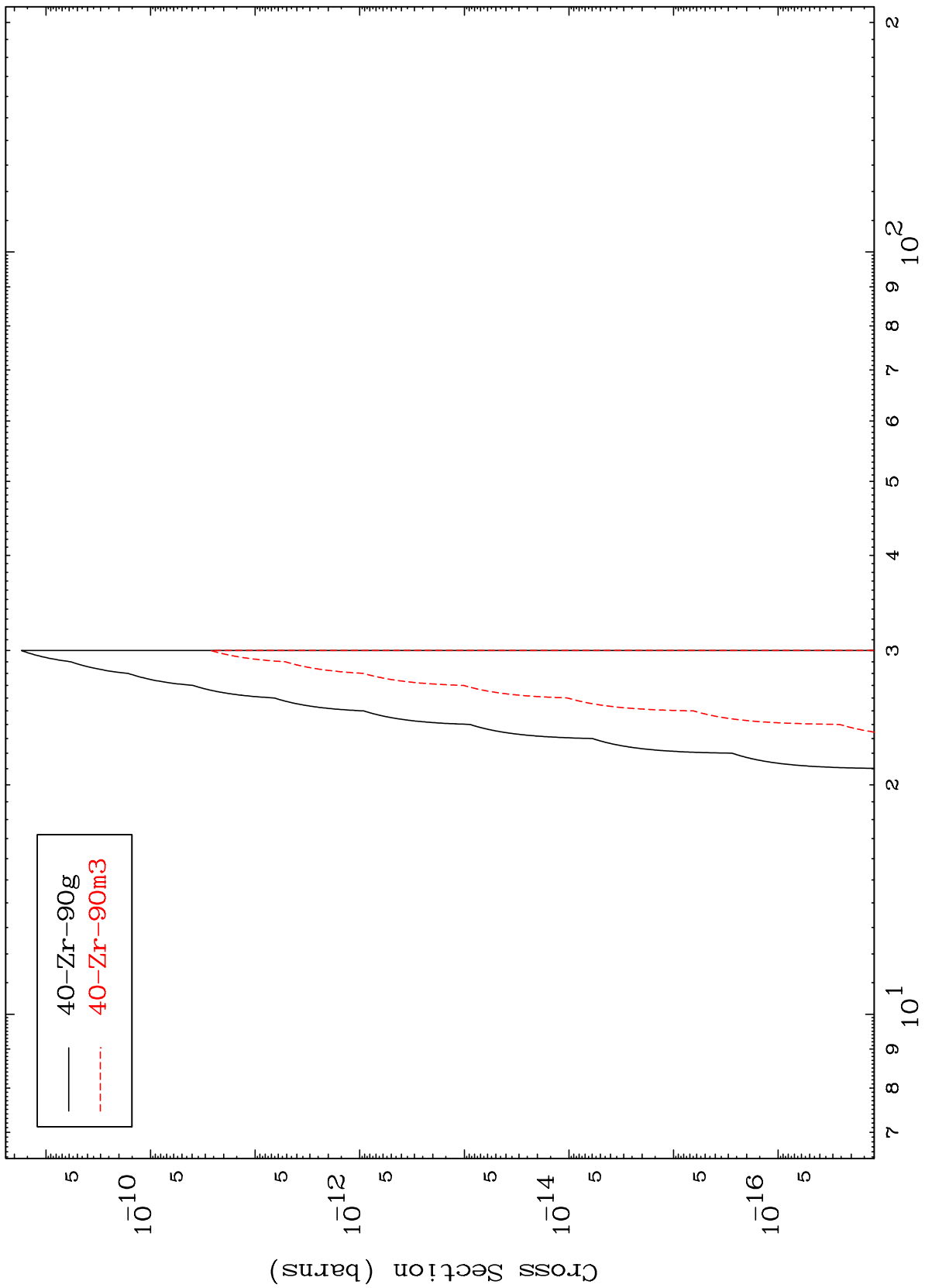
45-Rh-99

MAT 4513

(n,d) 2α

45-Rh-99

Radionuclide Production Cross Section



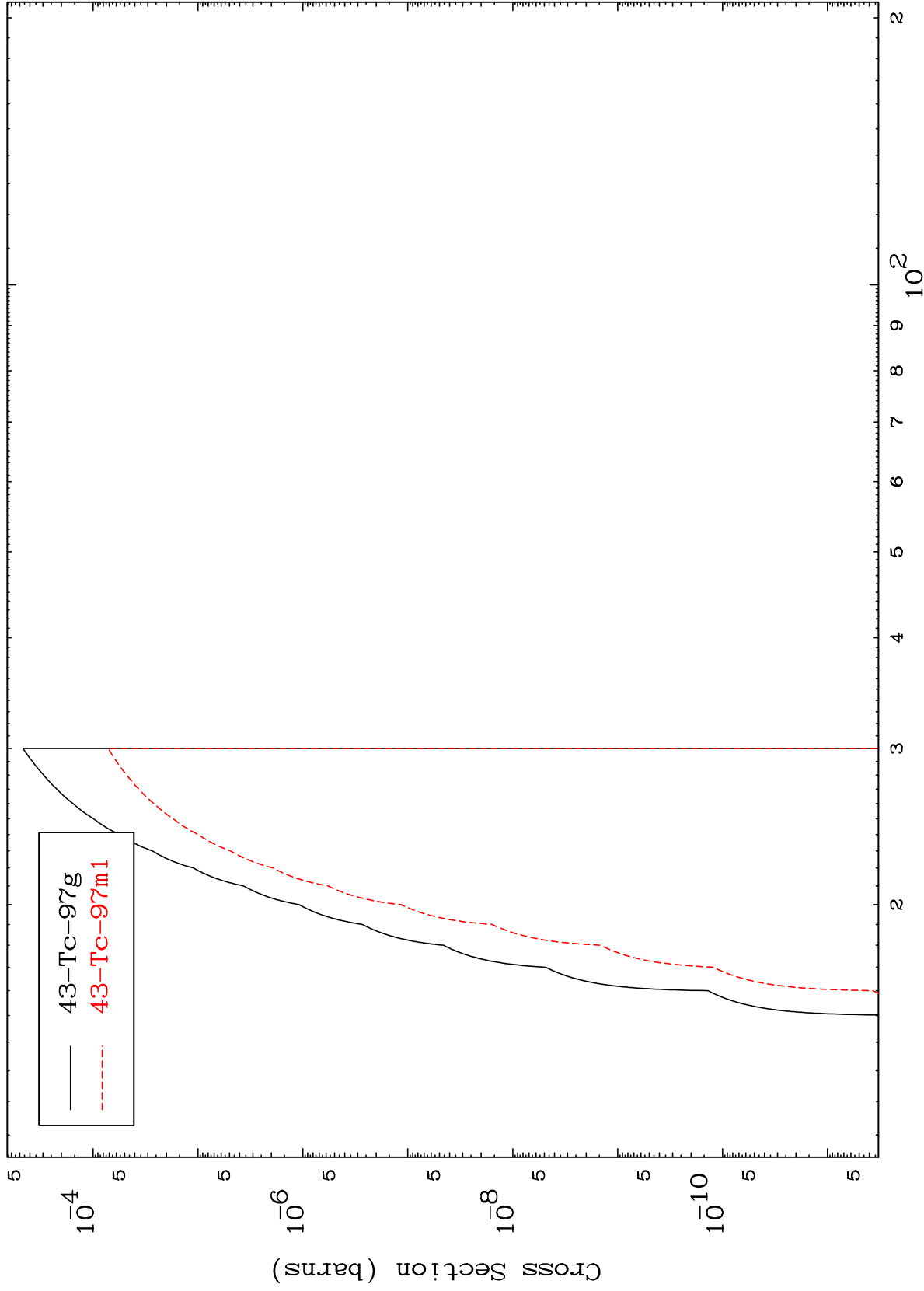
40-Zr-90g  
40-Zr-90m3

122

Incident Energy (MeV)

45-Rh-99

Radionuclide Production Cross Section

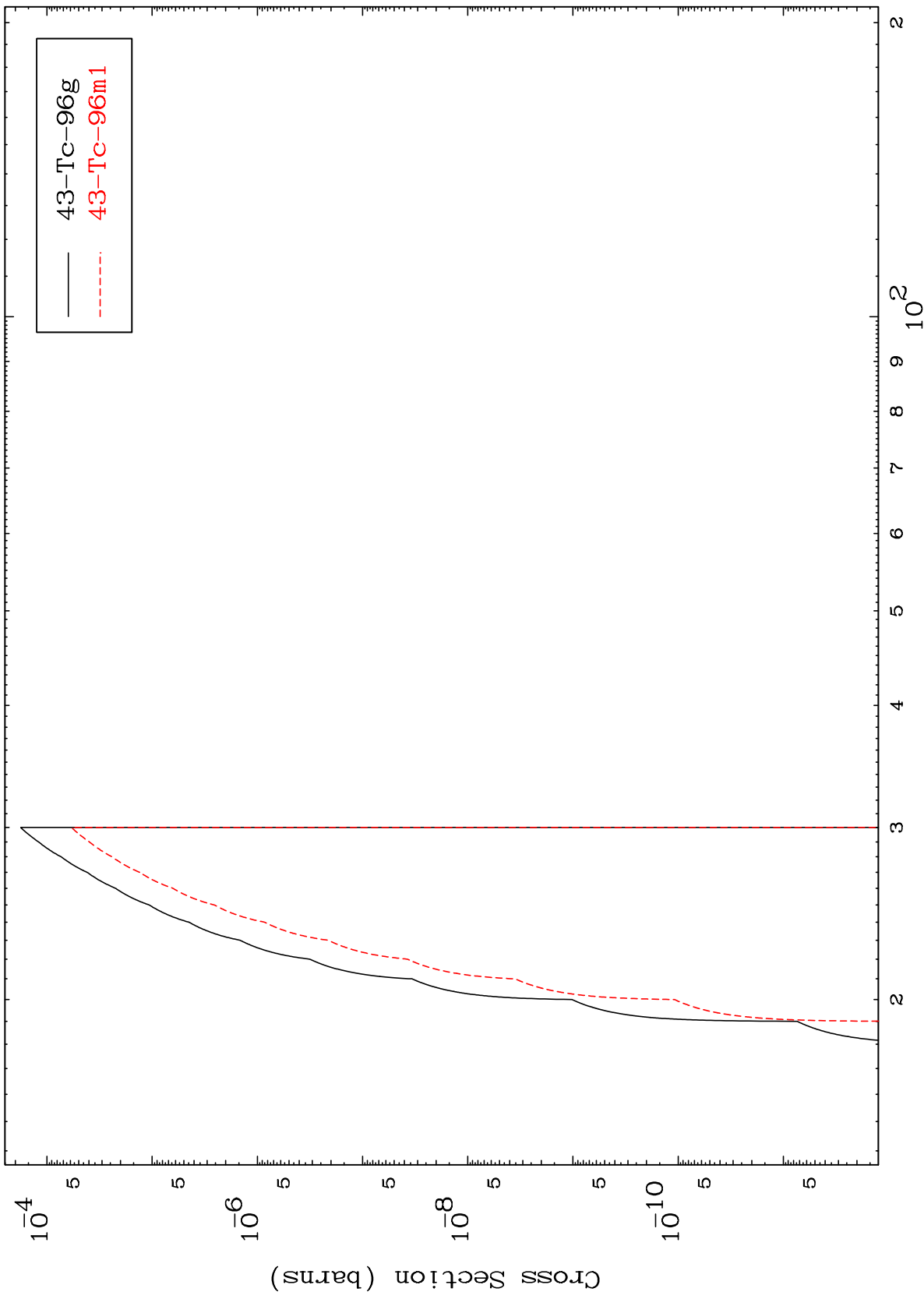


MAT 4513

(n,p) t

45-Rh-99

Radionuclide Production Cross Section



124

Incident Energy (MeV)

45-Rh-99