

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

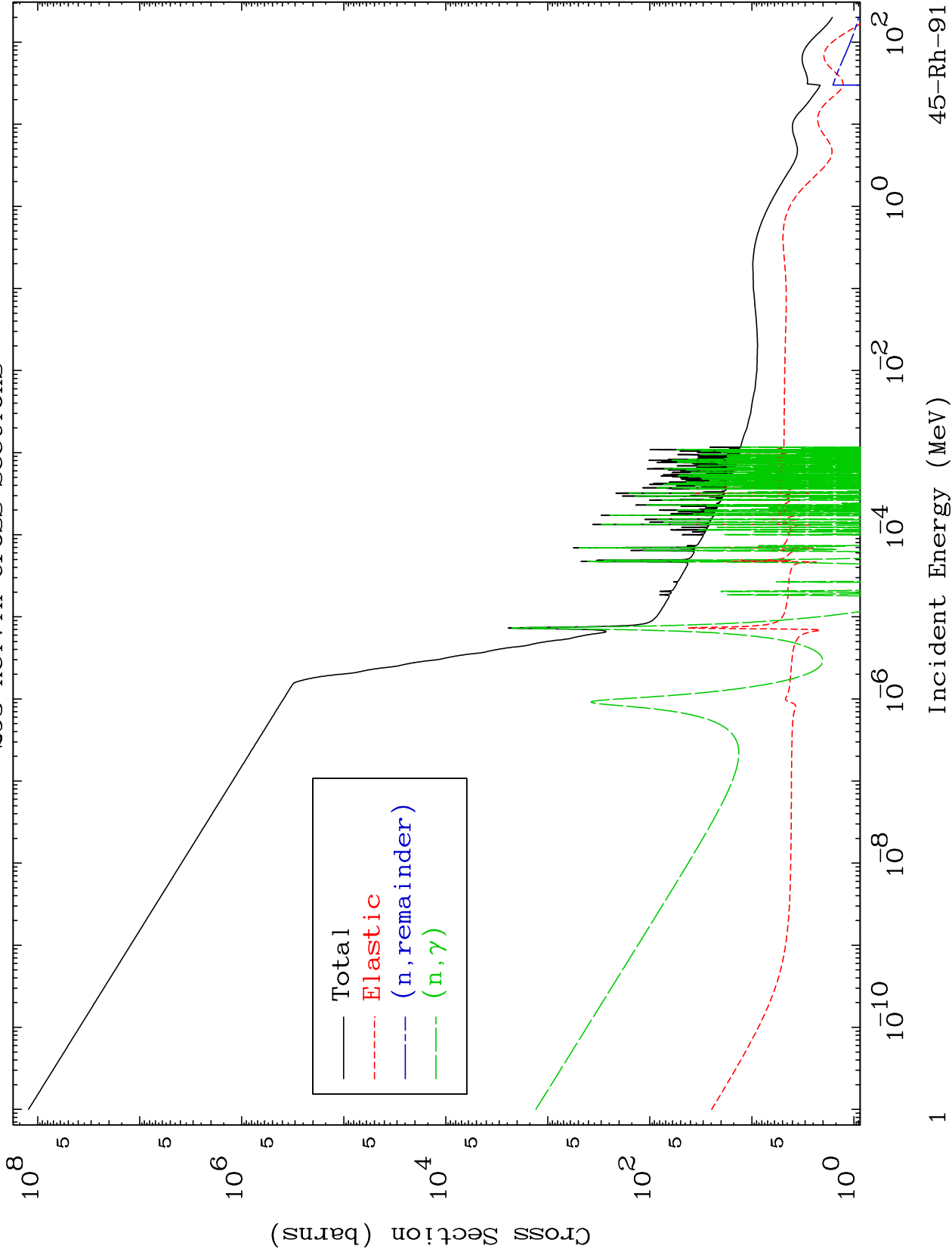
Press Mouse Button to Start

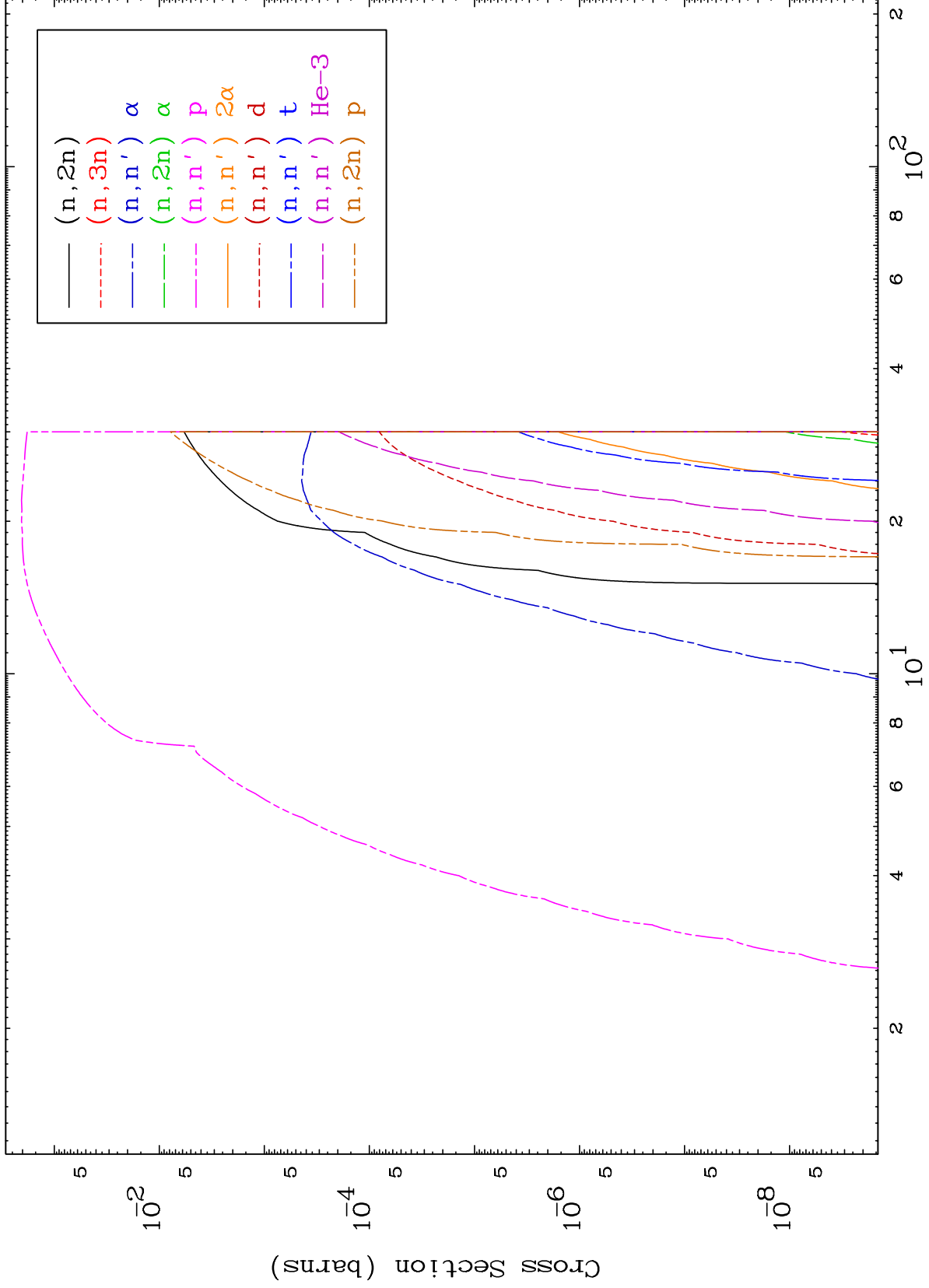
MAT 4489

Major

293 Kelvin Cross Sections

45-Rh-91

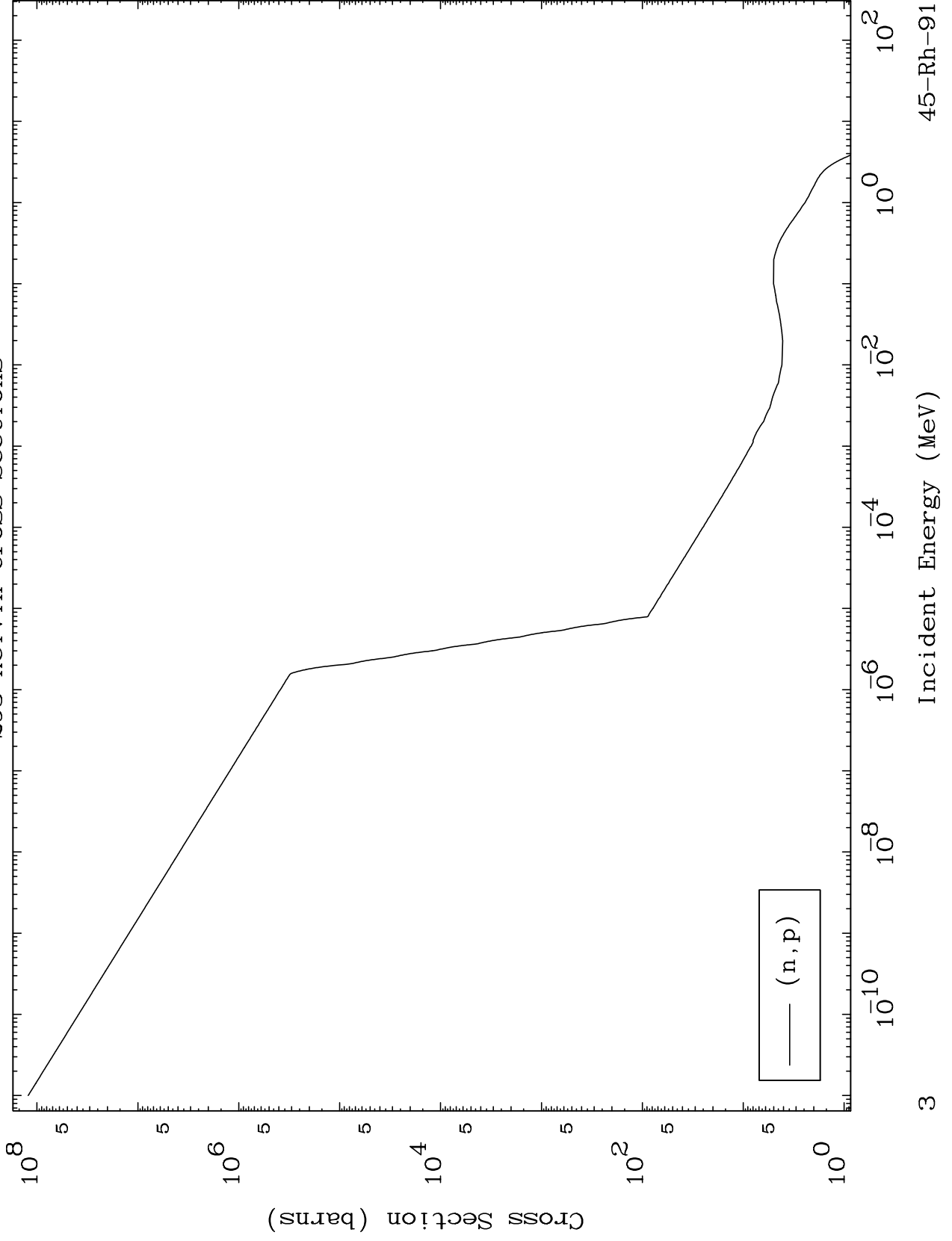


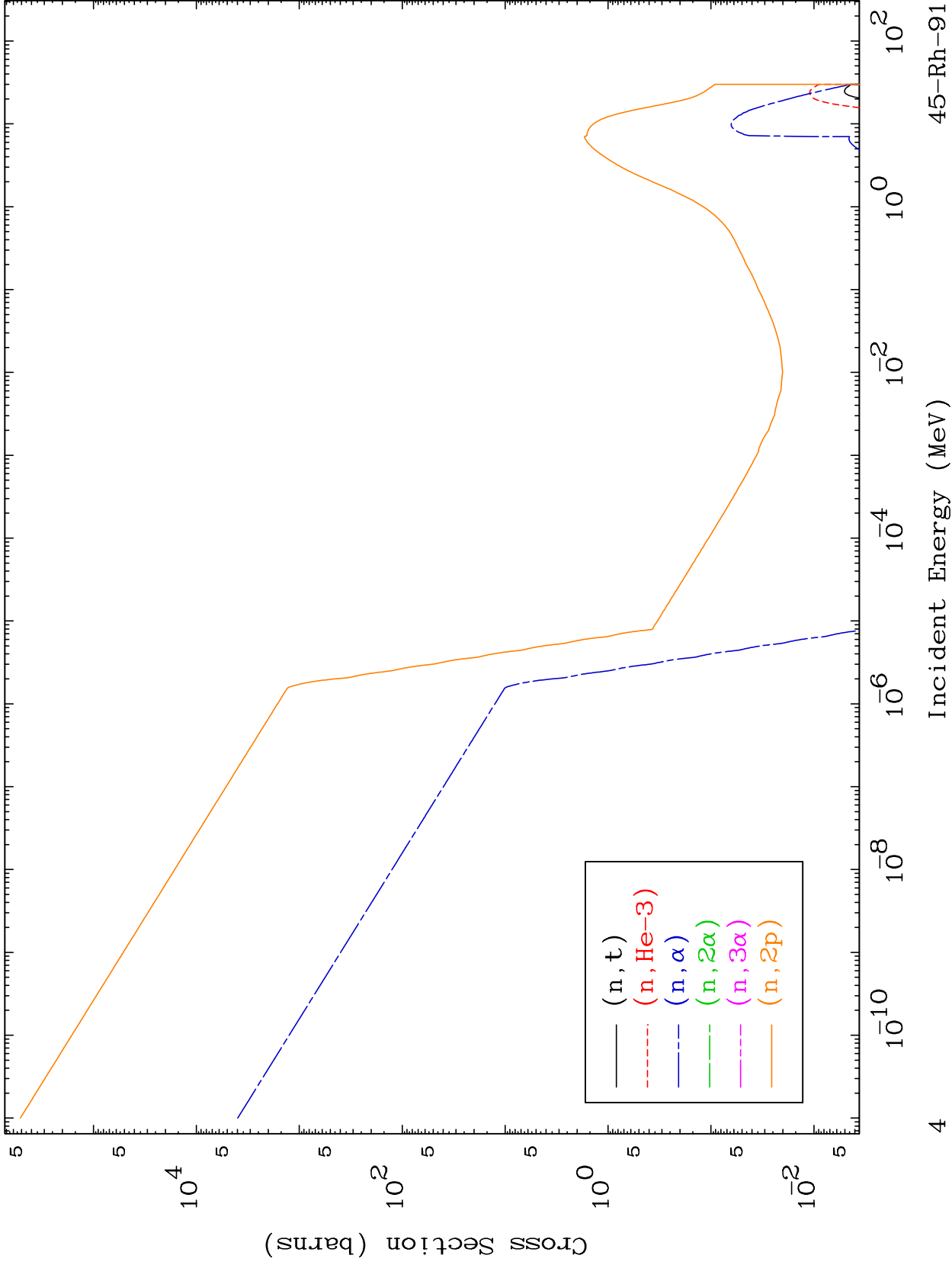


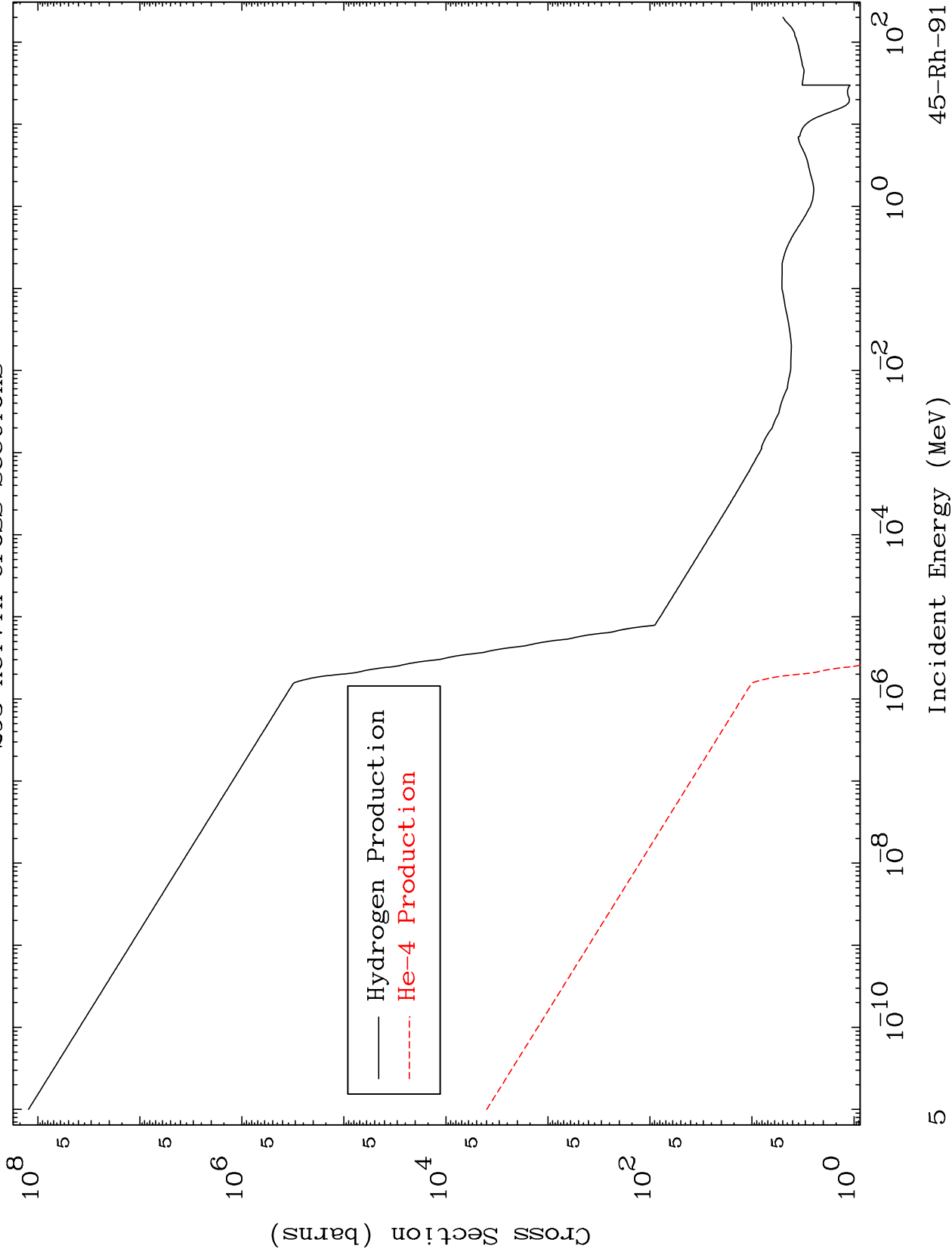
MAT 4489

Charged Particle  
293 Kelvin Cross Sections

45-Rh-91



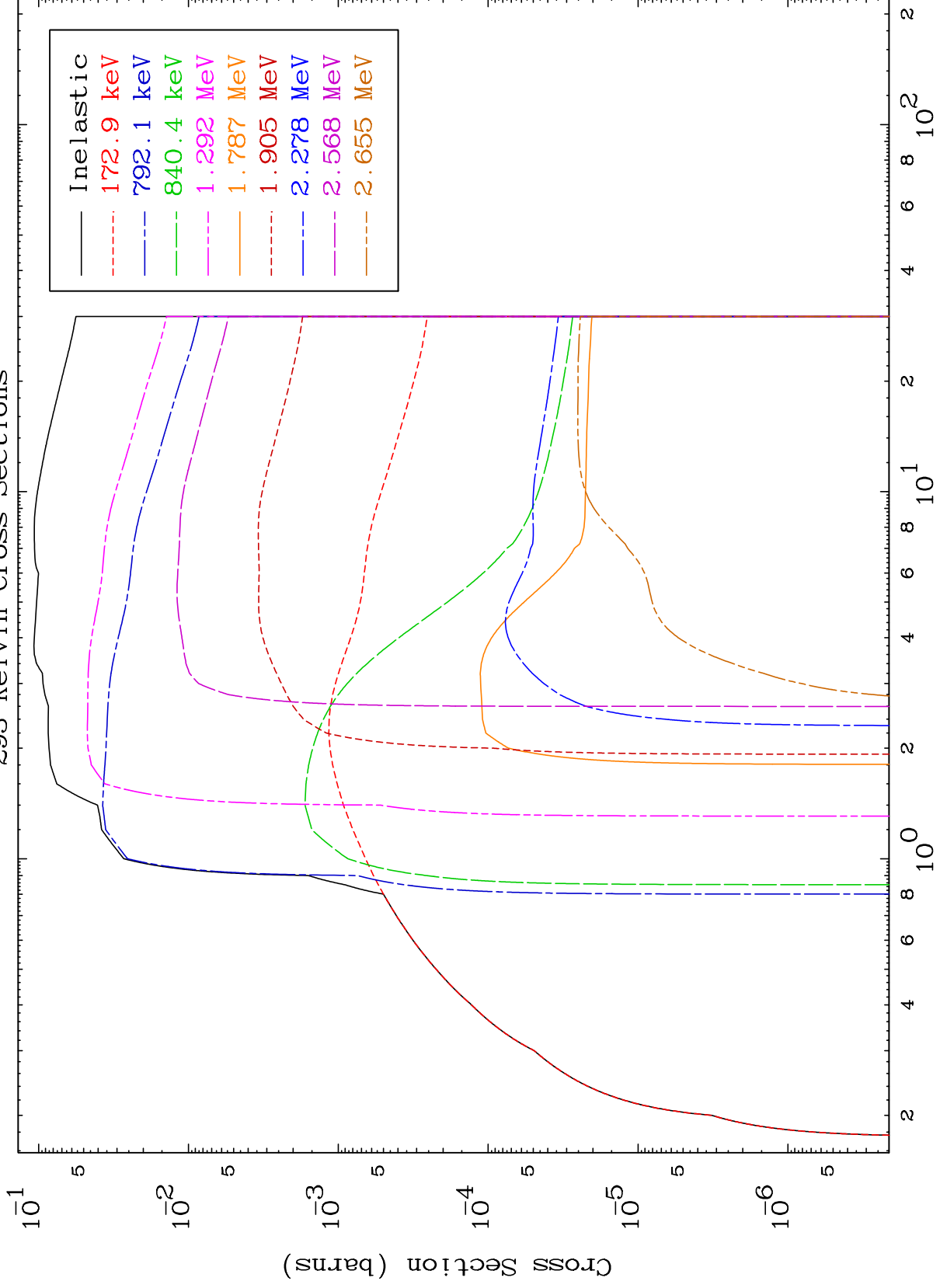




MAT 4489

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-91



6

Incident Energy (MeV)

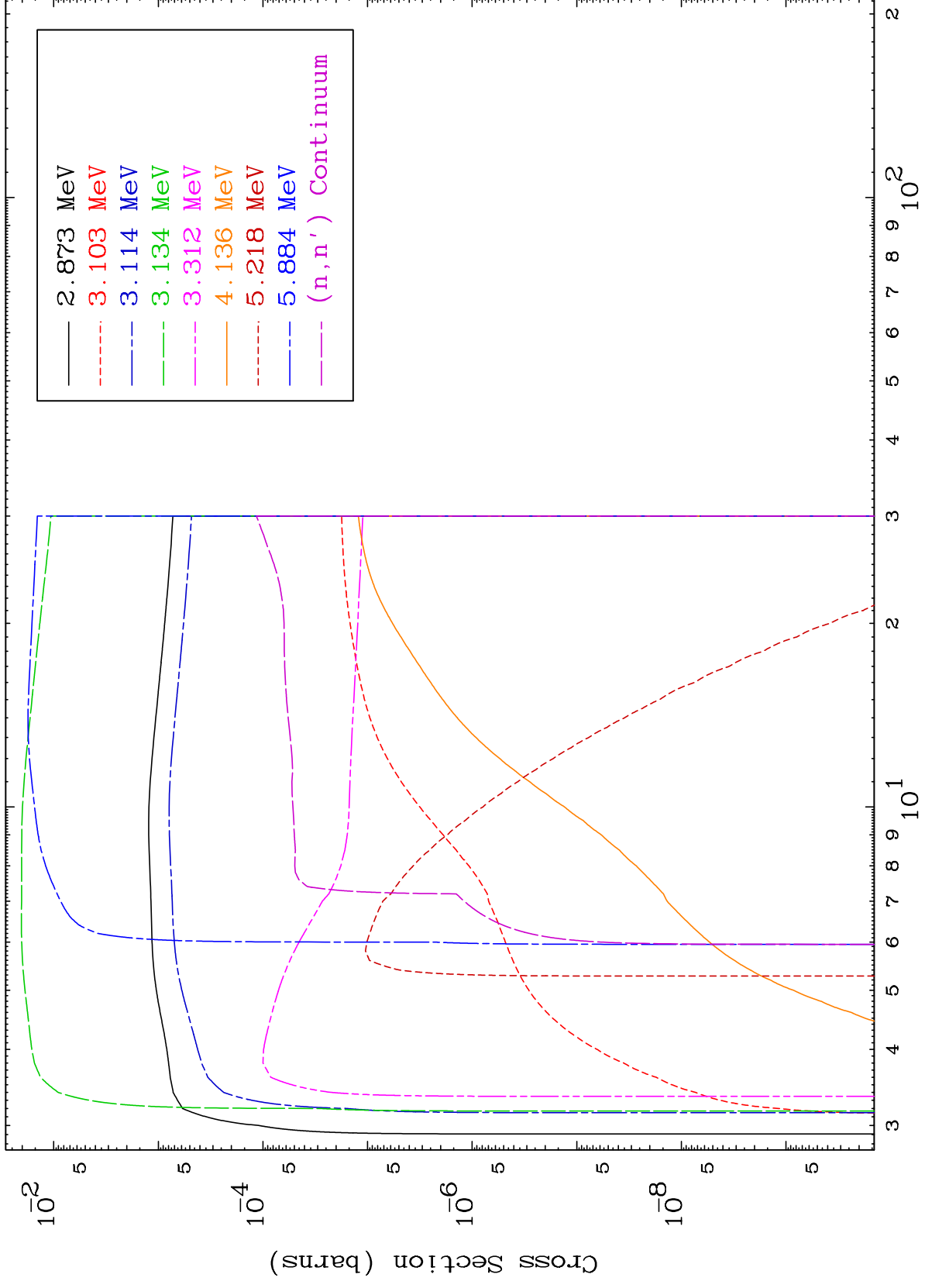
45-Rh-91

MAT 4489

(n,n') Level

45-Rh-91

293 Kelvin Cross Sections



7

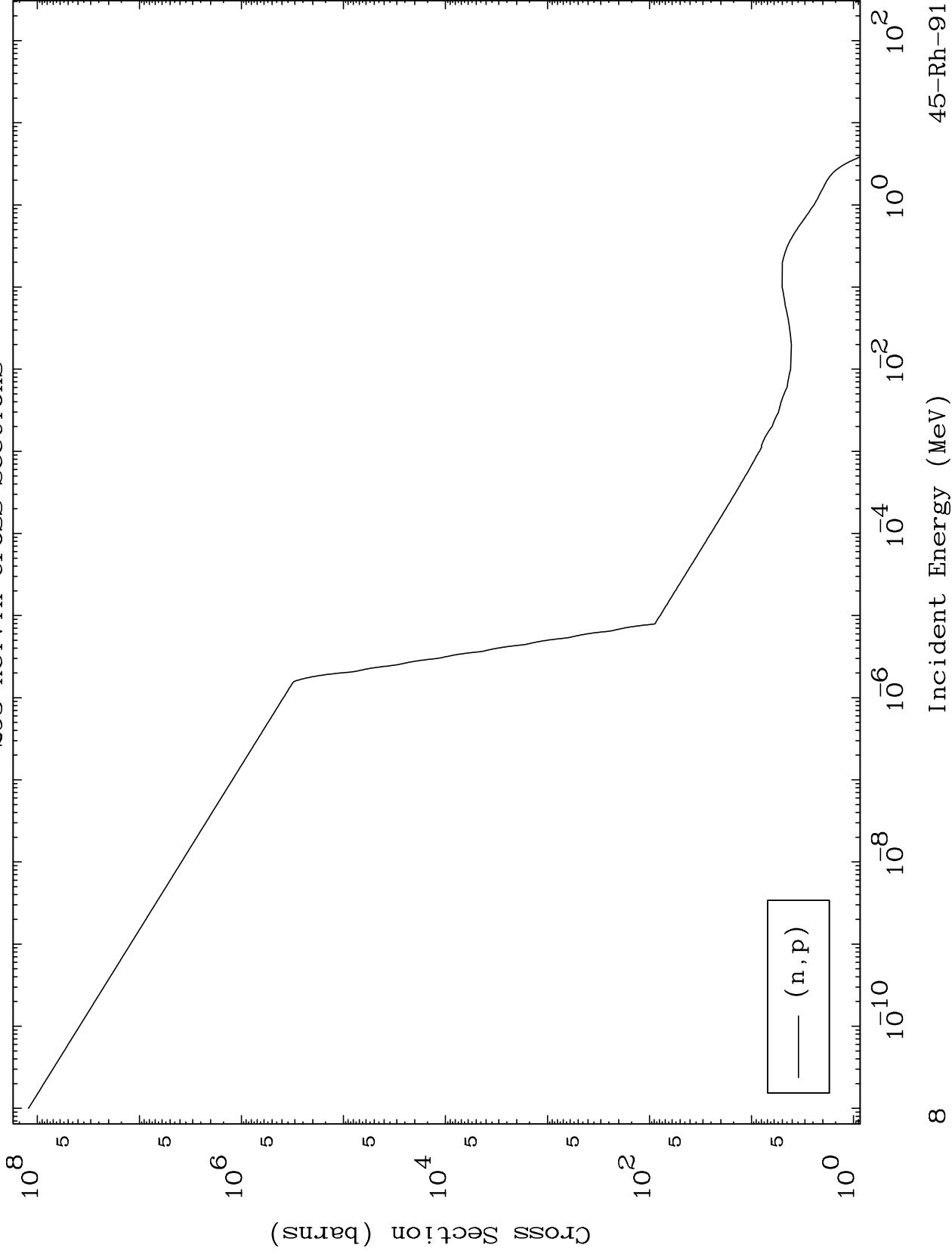
Incident Energy (MeV)

45-Rh-91

MAT 4489

(n,p) Levels  
293 Kelvin Cross Sections

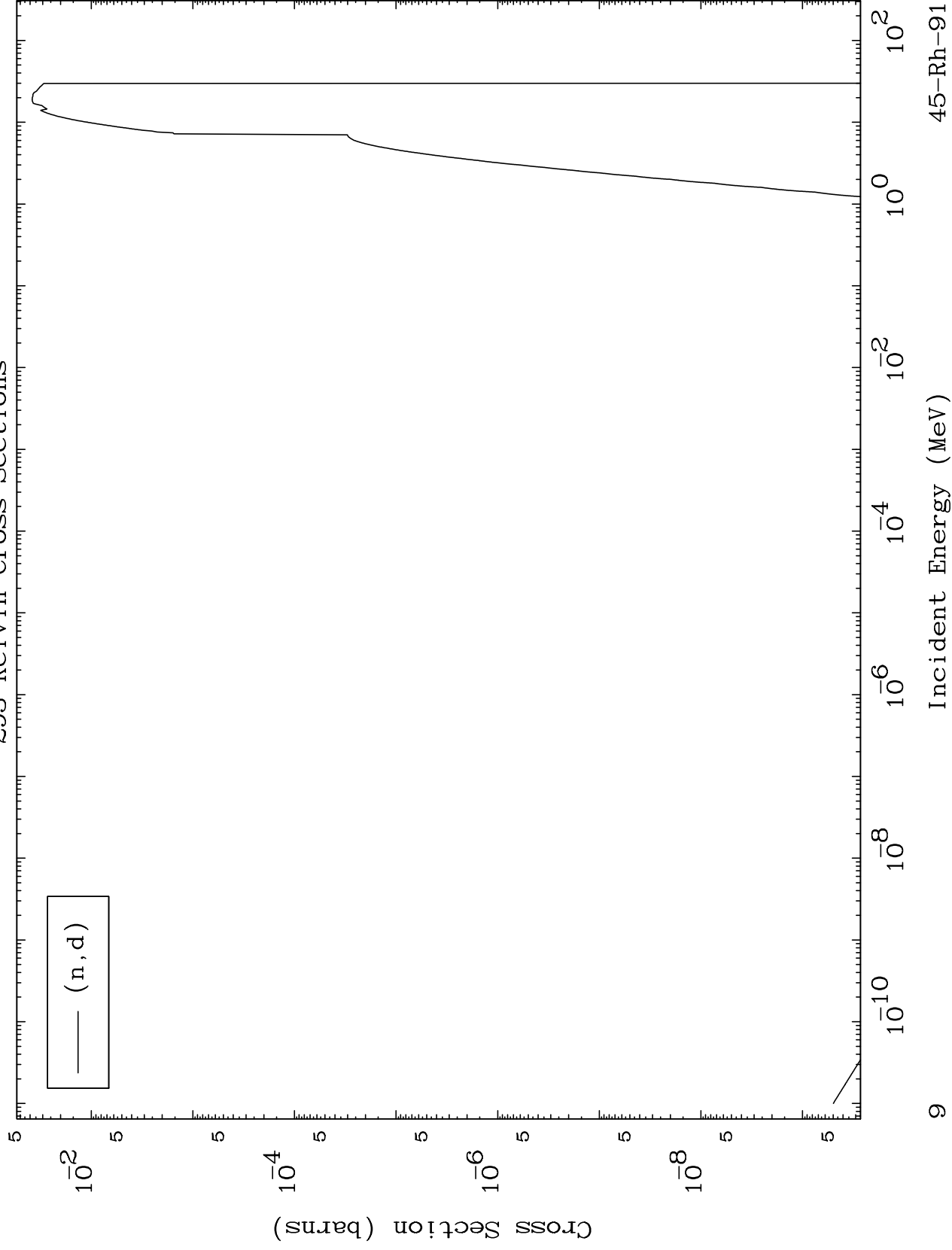
45-Rh-91



MAT 4489

(n,d) Levels  
293 Kelvin Cross Sections

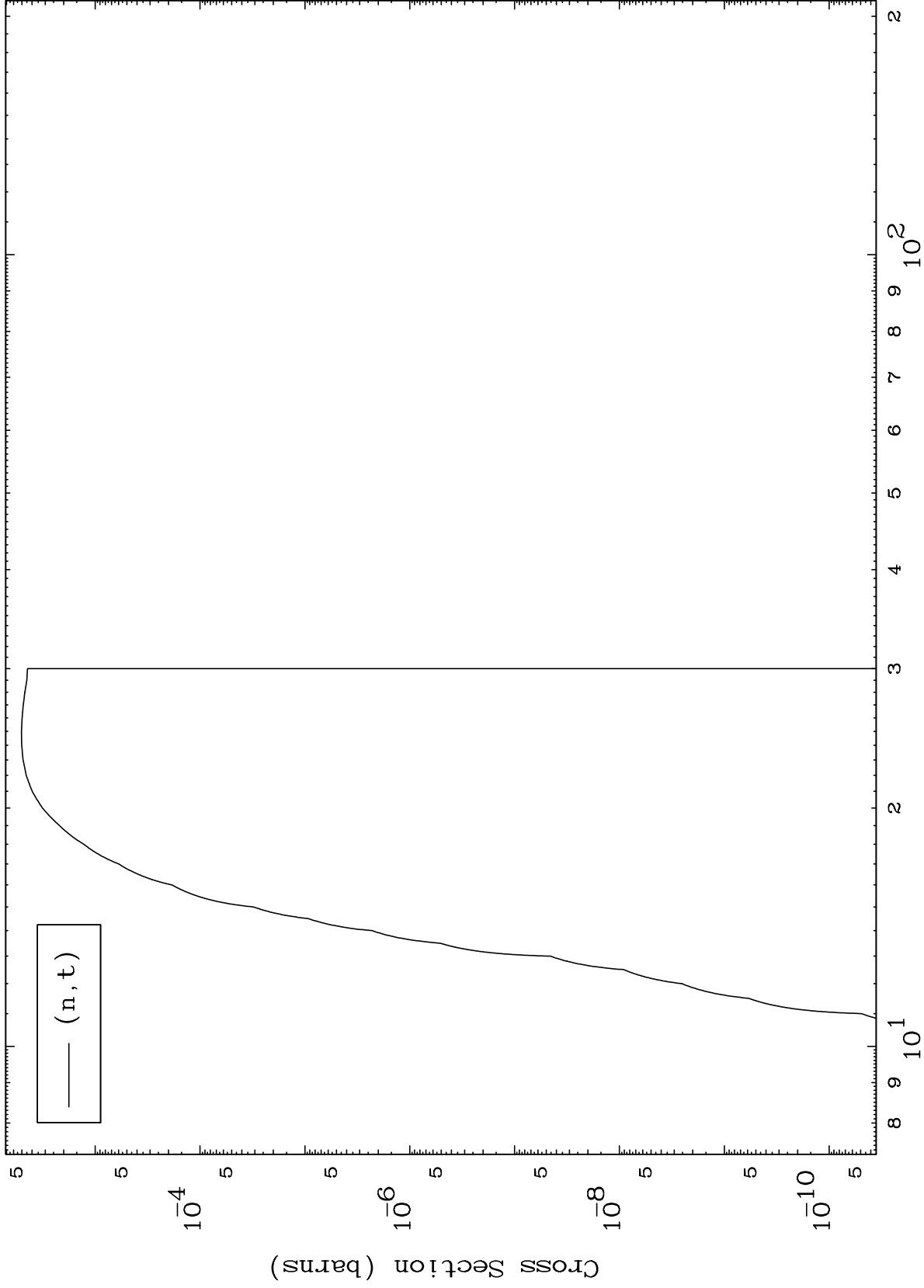
45-Rh-91



MAT 4489

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-91



10

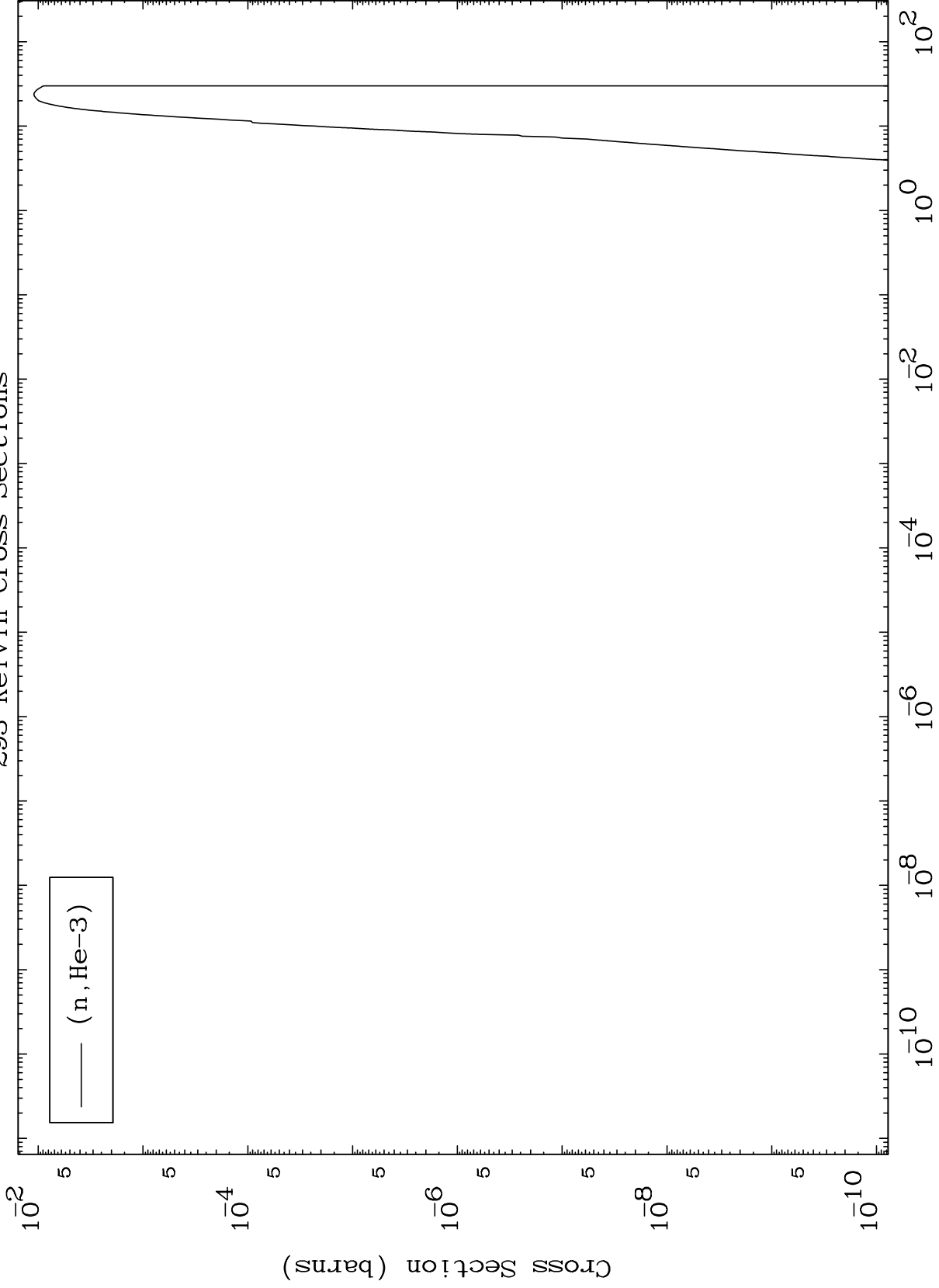
Incident Energy (MeV)

45-Rh-91

MAT 4489

(n,He3) Levels  
293 Kelvin Cross Sections

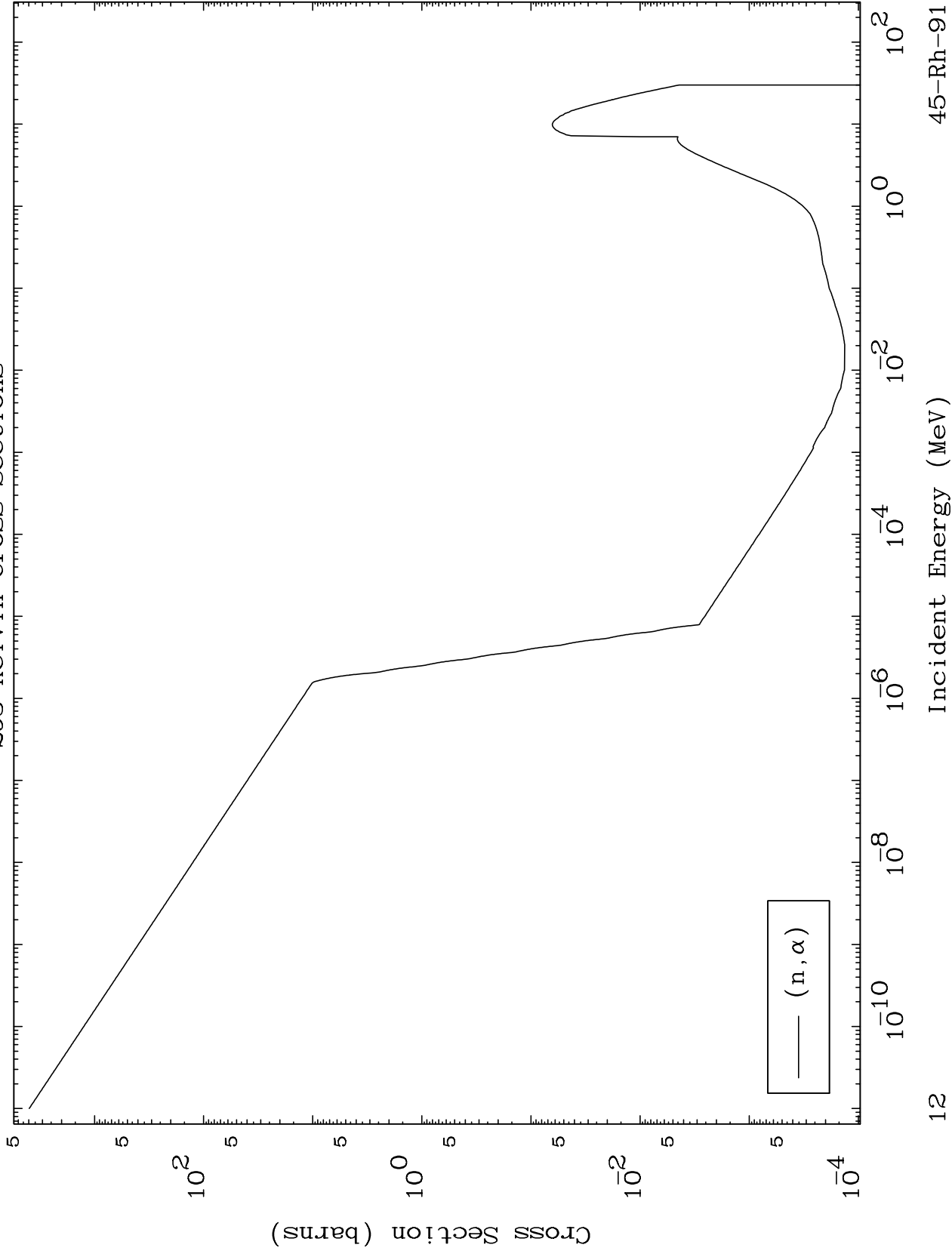
45-Rh-91



MAT 4489

(n,α) Levels  
293 Kelvin Cross Sections

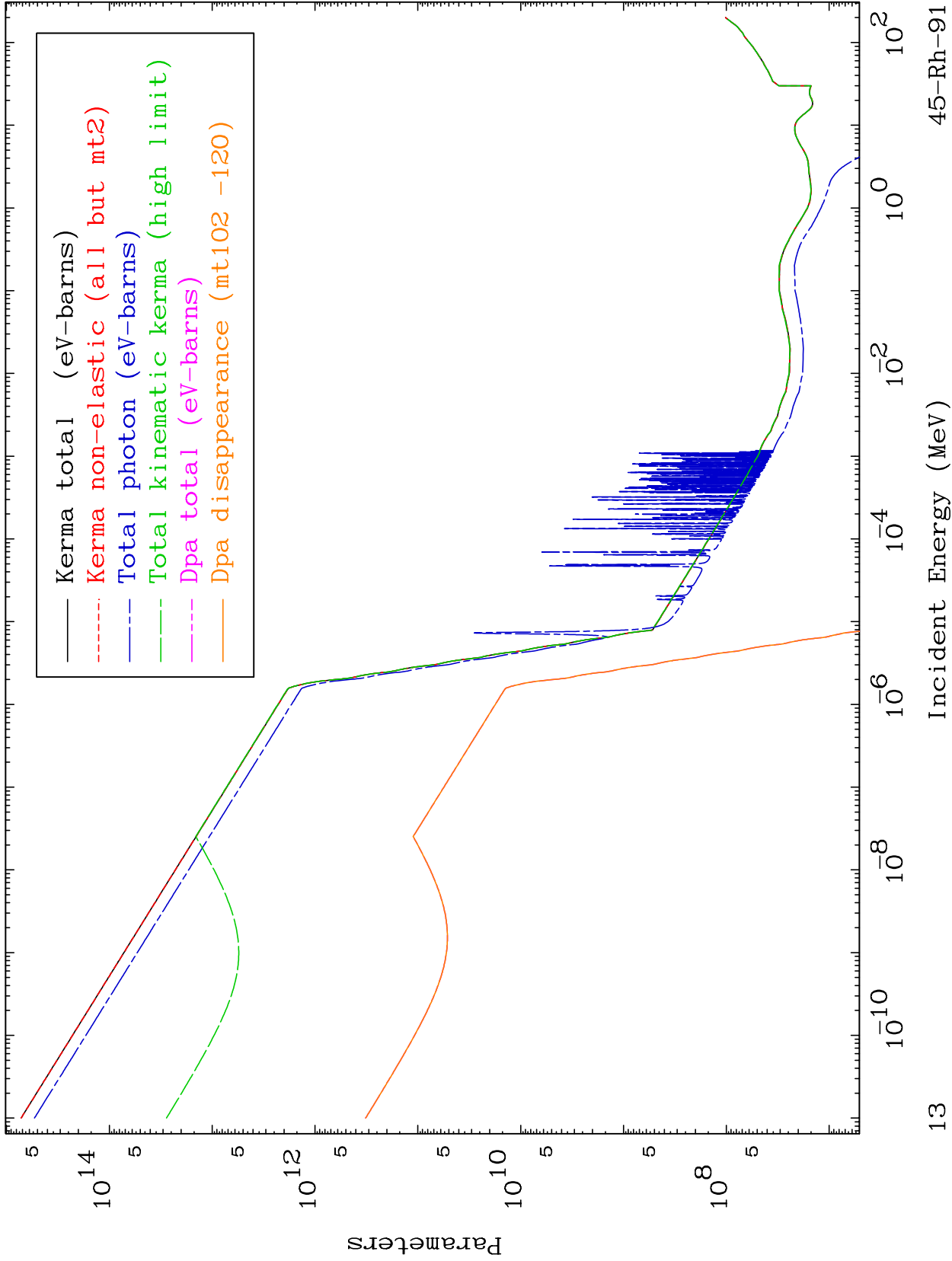
45-Rh-91



12

Incident Energy (MeV)

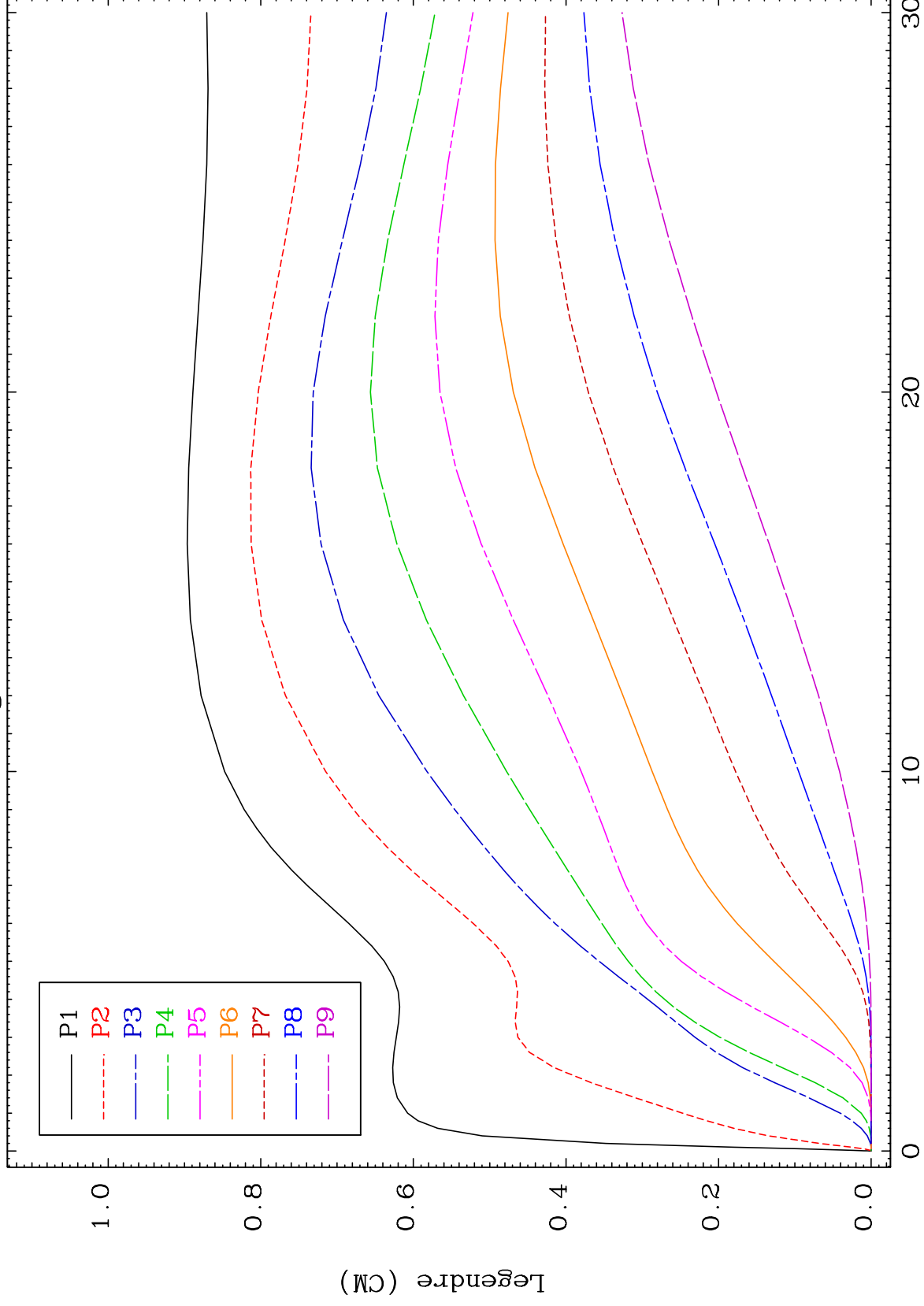
45-Rh-91



MAT 4489

Elastic Legendre Coefficients

45-Rh-91



14

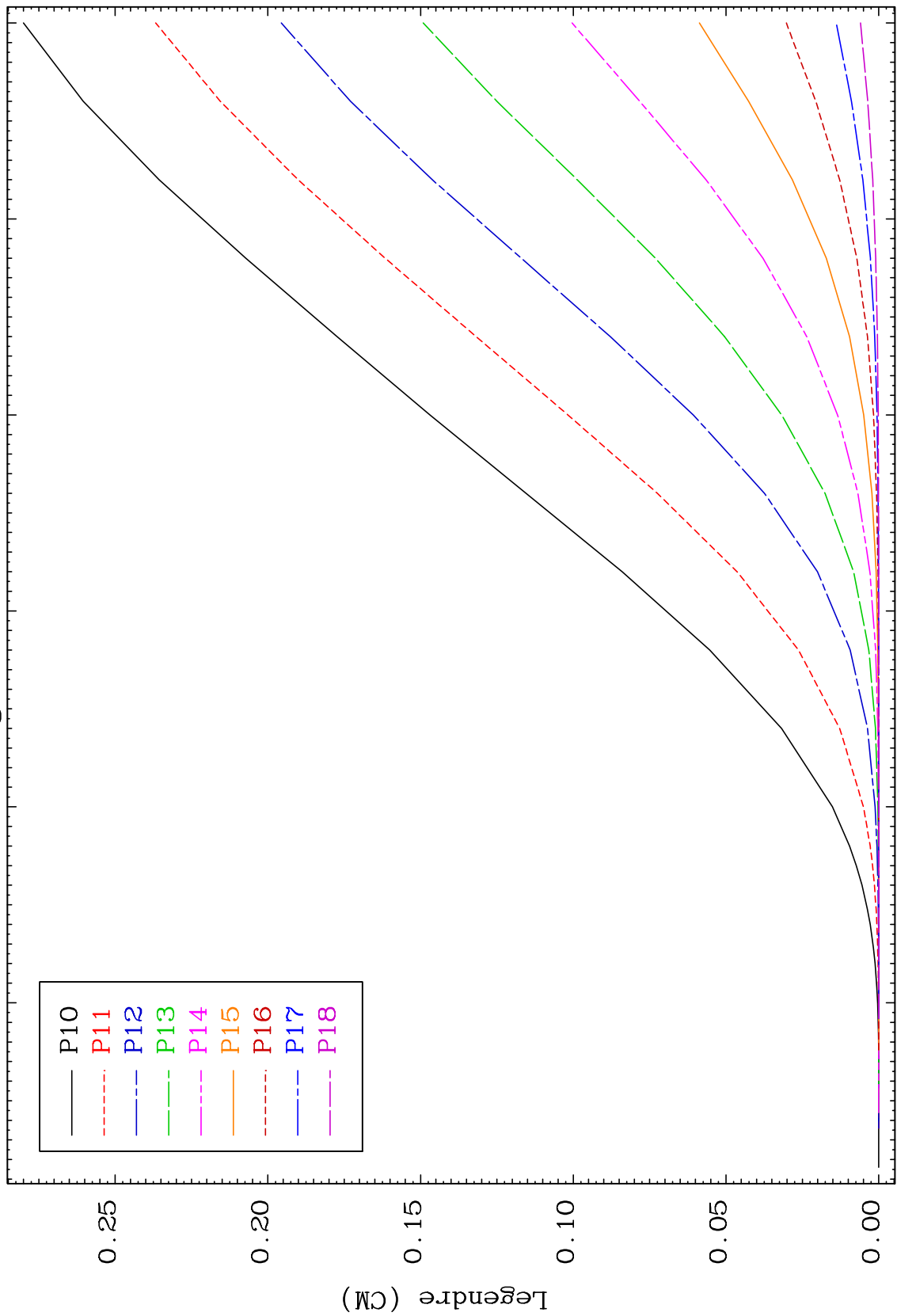
Incident Energy (MeV)

45-Rh-91

MAT 4489

Elastic Legendre Coefficients

45-Rh-91



15

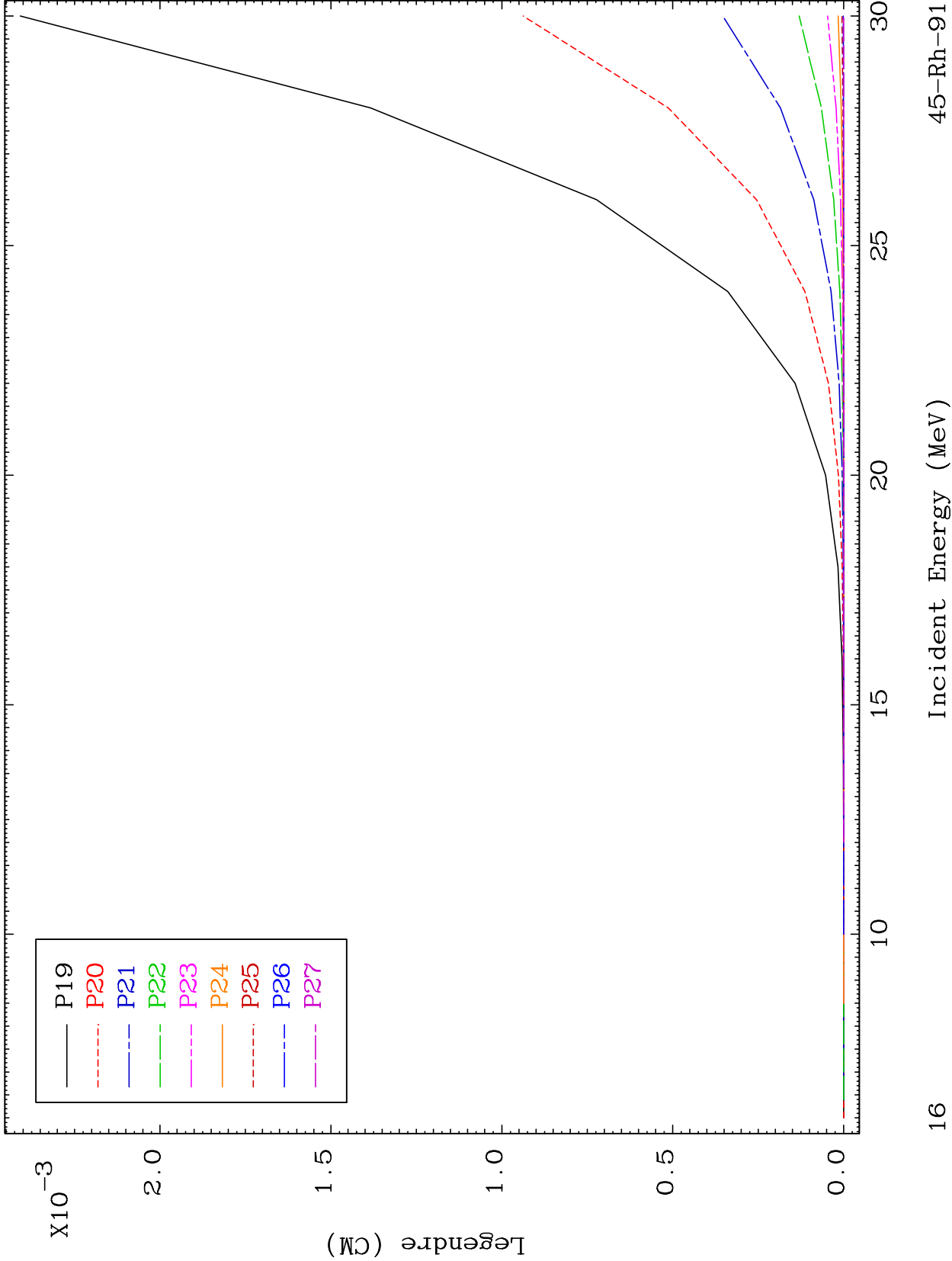
Incident Energy (MeV)

45-Rh-91

MAT 4489

Elastic Legendre Coefficients

45-Rh-91



16

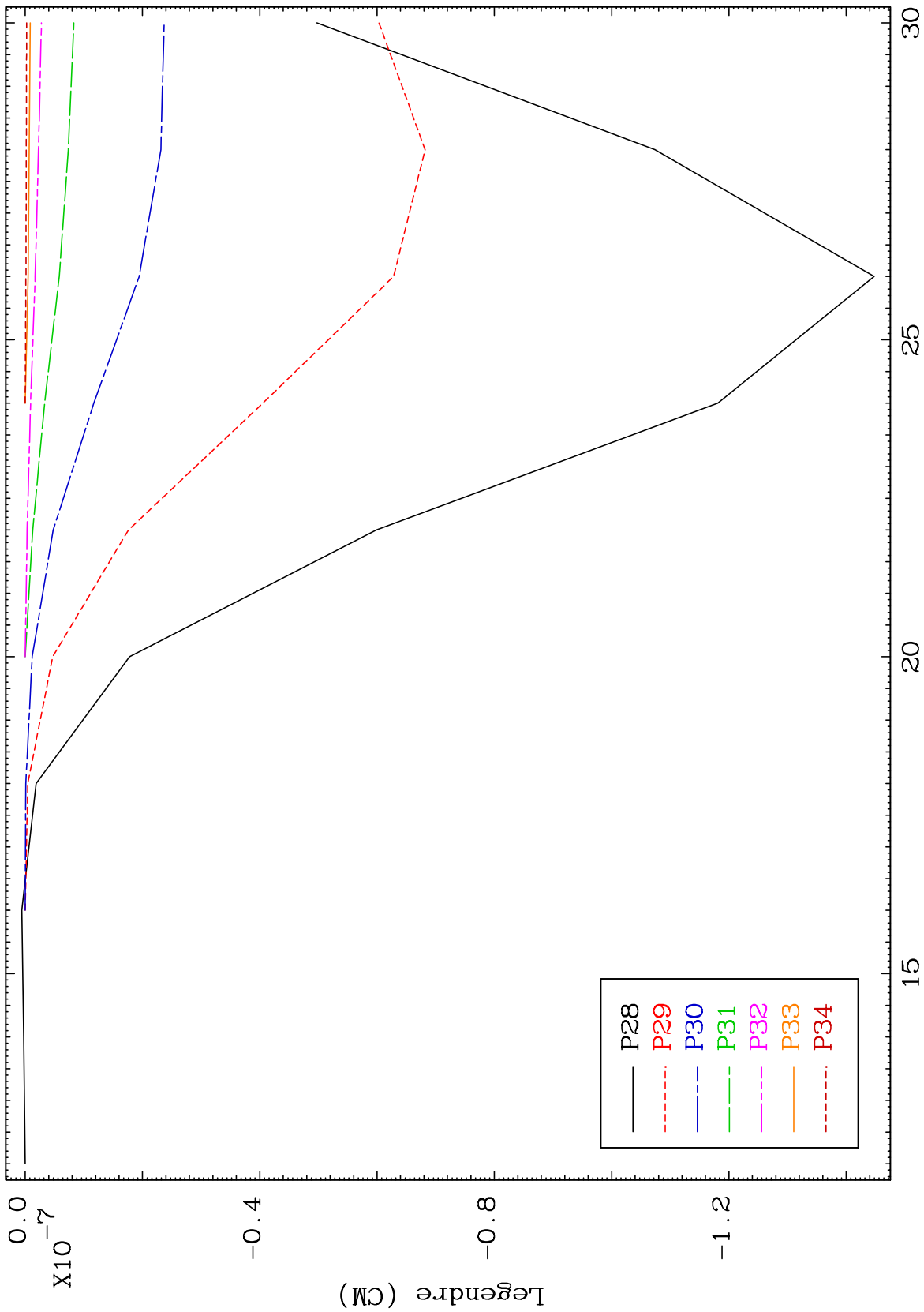
Incident Energy (MeV)

45-Rh-91

MAT 4489

45-Rh-91

Elastic Legendre Coefficients



17

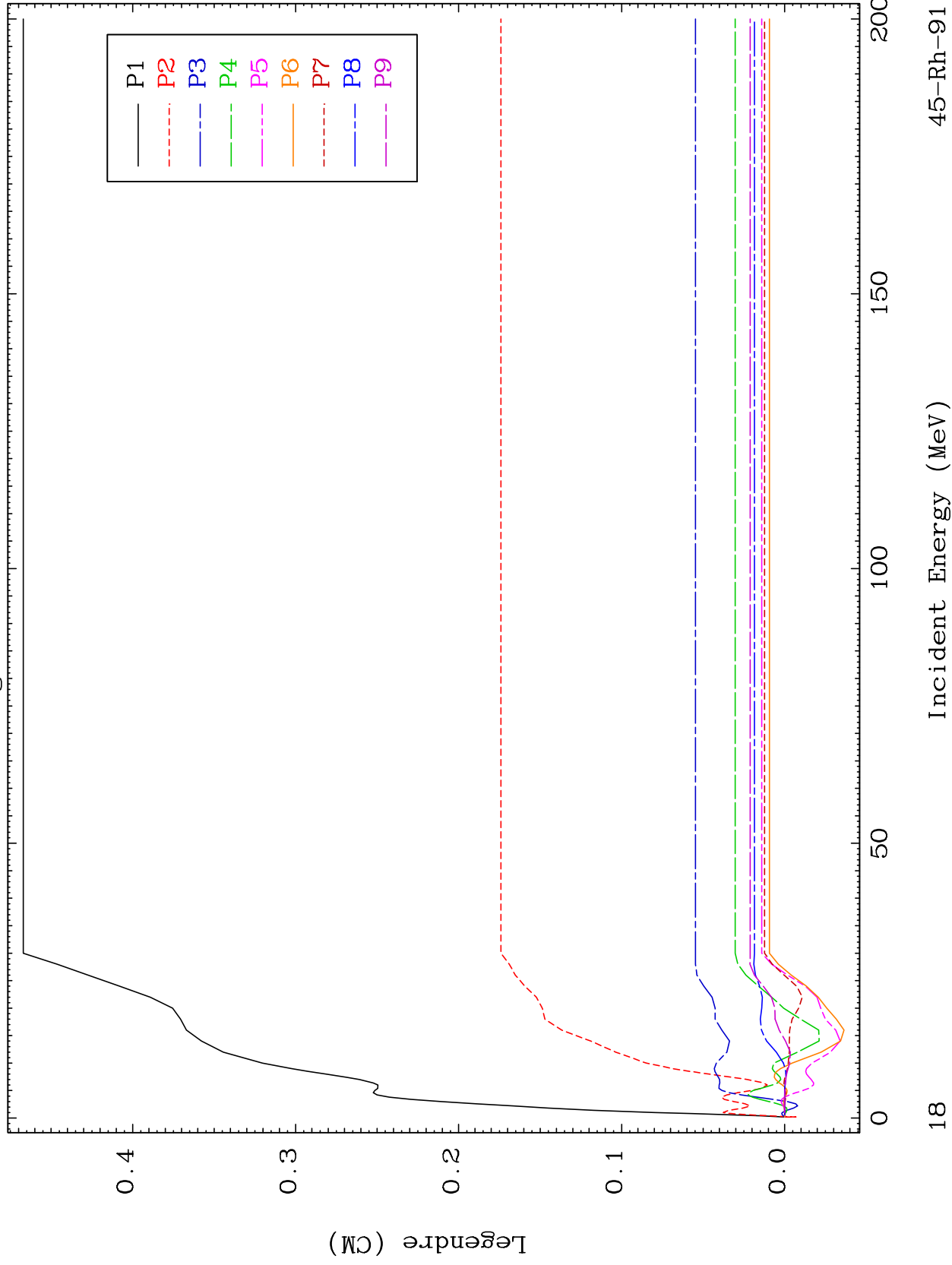
Incident Energy (MeV)

45-Rh-91

MAT 4489

172.9 keV (n,n') Level  
Legendre Coefficients

45-Rh-91



45-Rh-91

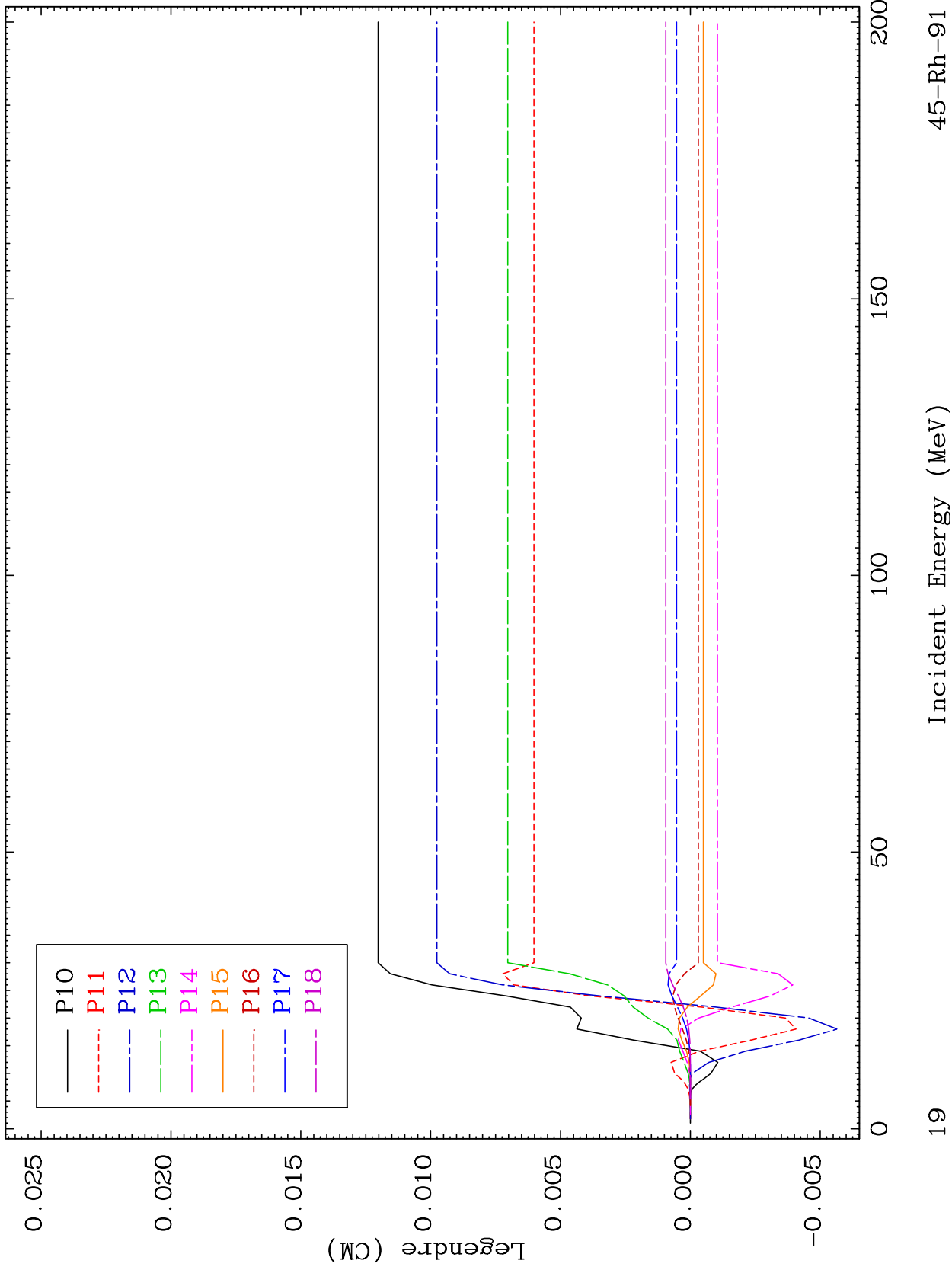
Incident Energy (MeV)

18

MAT 4489

172.9 keV (n,n') Level  
Legendre Coefficients

45-Rh-91



19

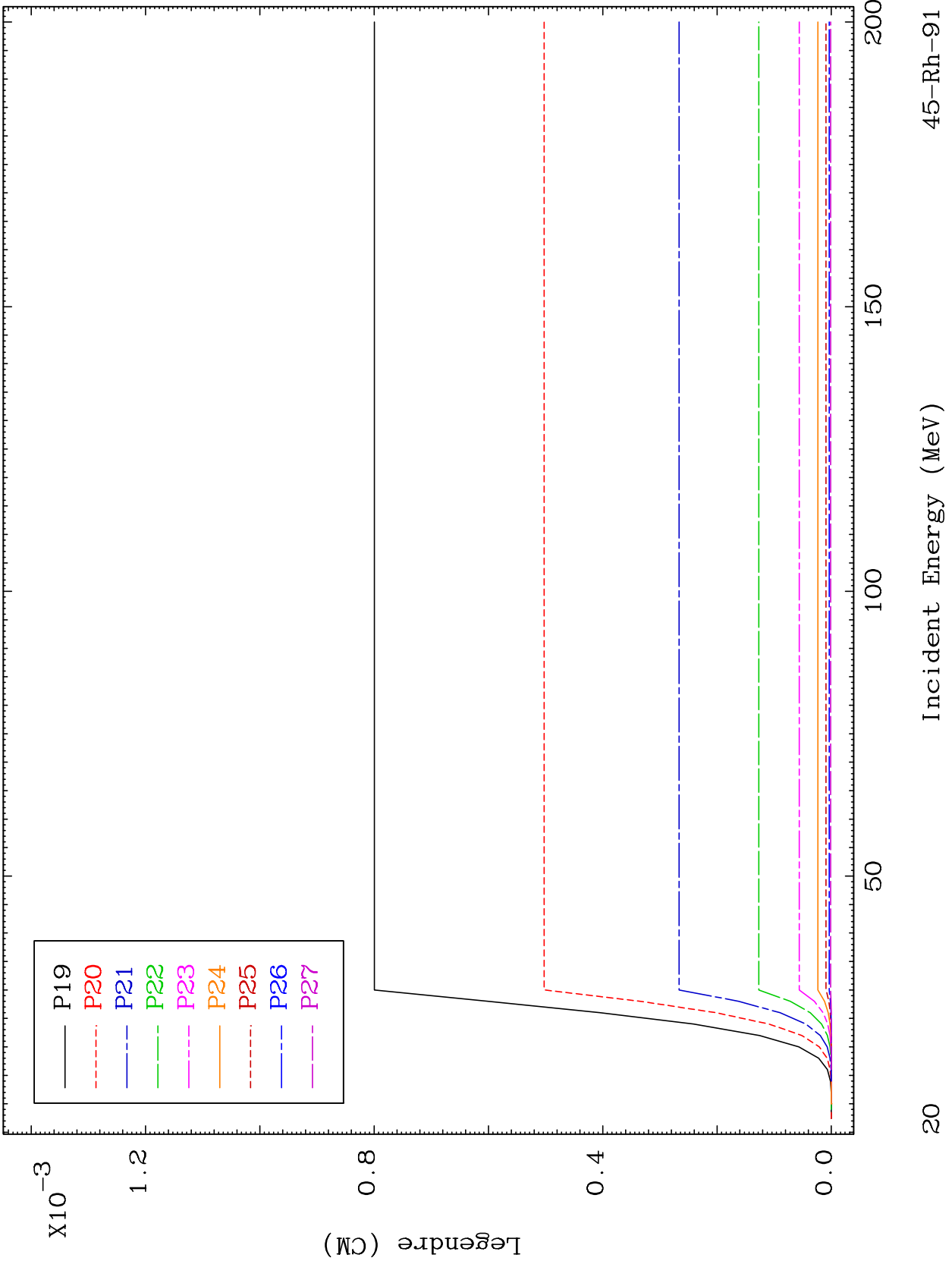
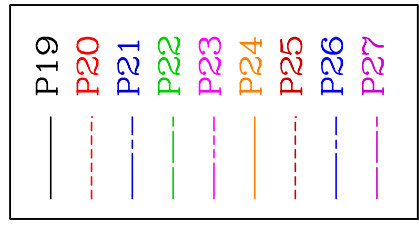
Incident Energy (MeV)

45-Rh-91

MAT 4489

172.9 keV (n,n') Level  
Legendre Coefficients

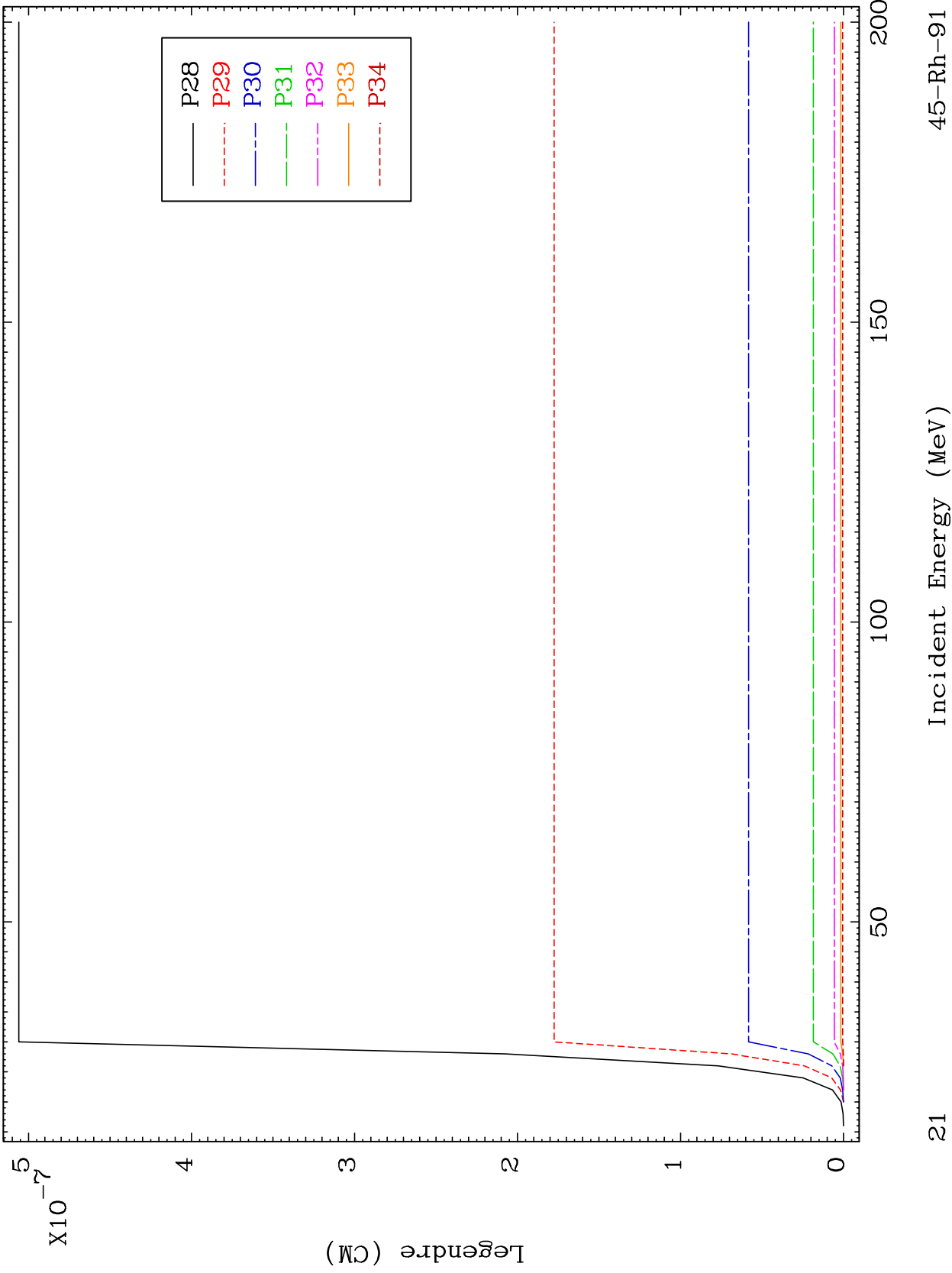
45-Rh-91



MAT 4489

172.9 keV (n,n') Level  
Legendre Coefficients

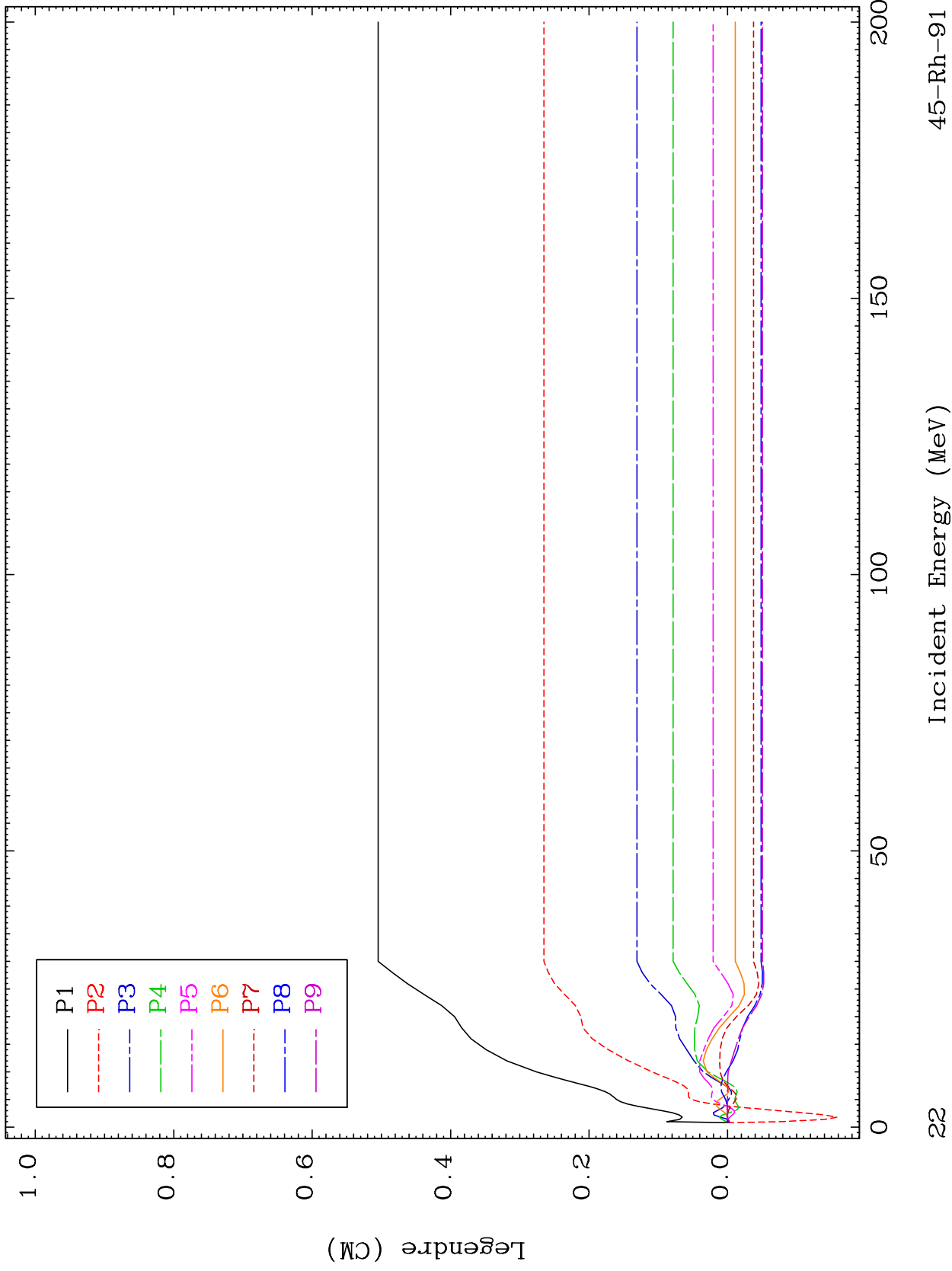
45-Rh-91



21

Incident Energy (MeV)

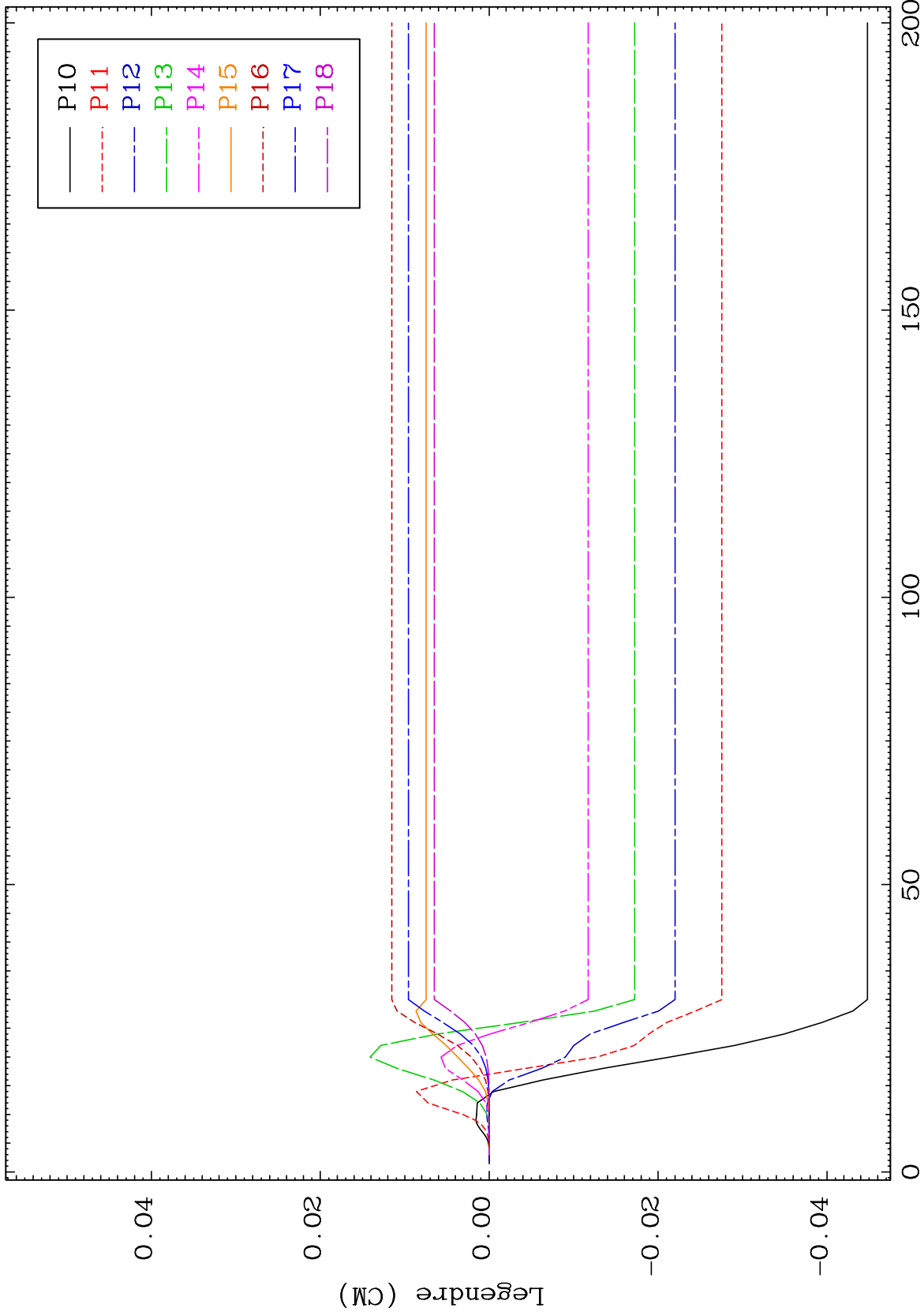
45-Rh-91



MAT 4489

792.1 keV (n,n') Level  
Legendre Coefficients

45-Rh-91



23

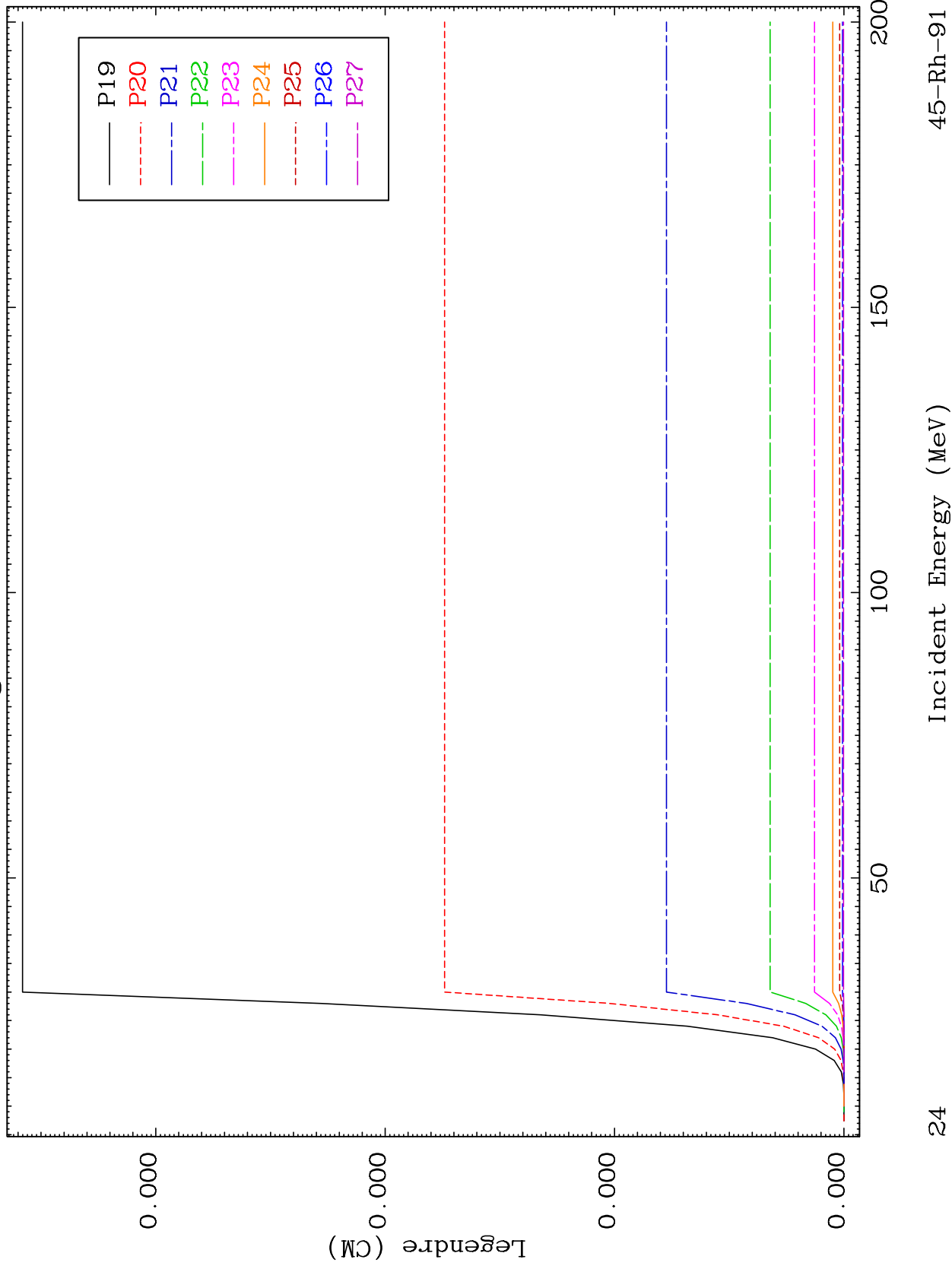
Incident Energy (MeV)

45-Rh-91

MAT 4489

792.1 keV (n,n') Level  
Legendre Coefficients

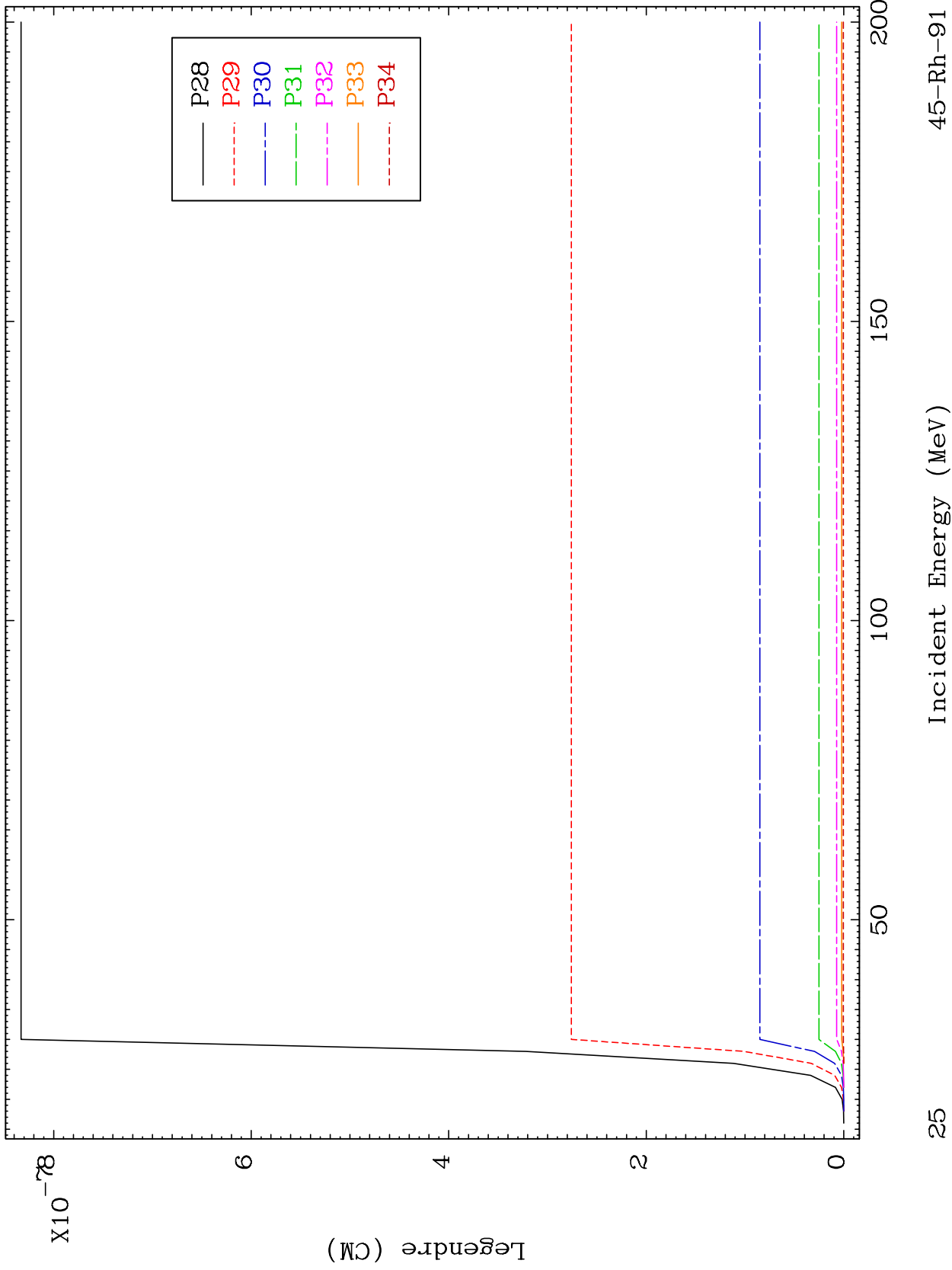
45-Rh-91



MAT 4489

792.1 keV (n,n') Level  
Legendre Coefficients

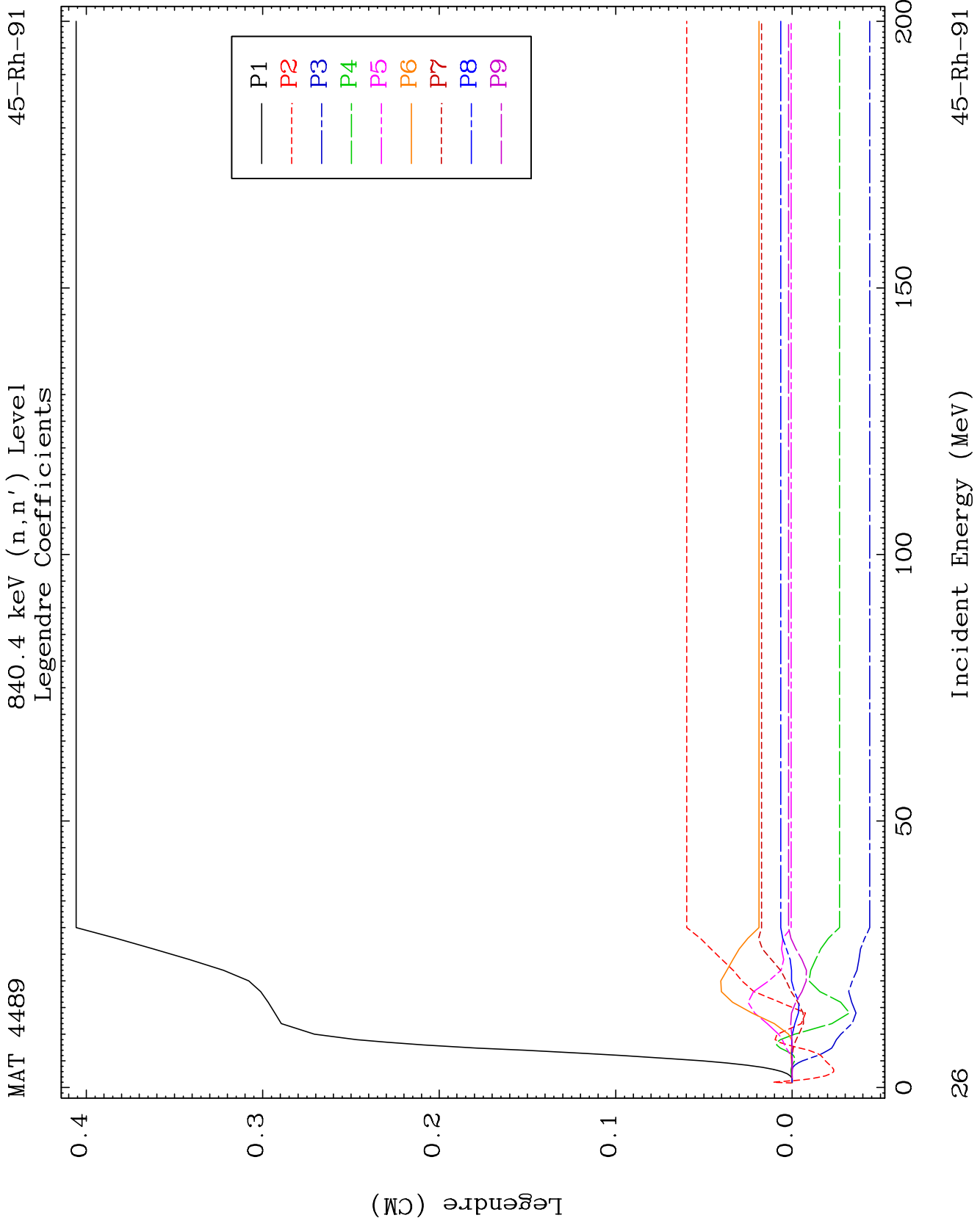
45-Rh-91



45-Rh-91

Incident Energy (MeV)

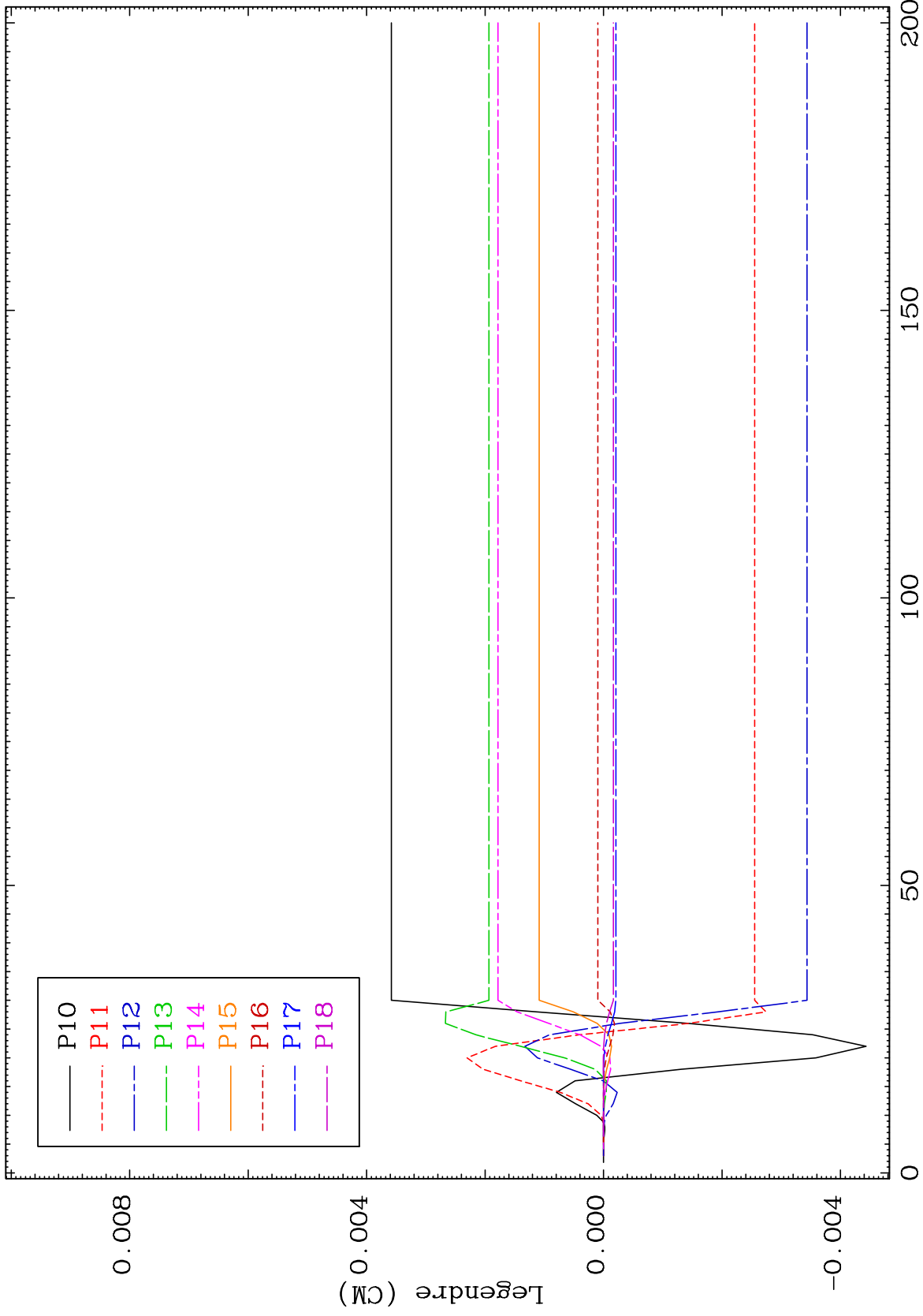
25



MAT 4489

840.4 keV (n,n') Level  
Legendre Coefficients

45-Rh-91



27

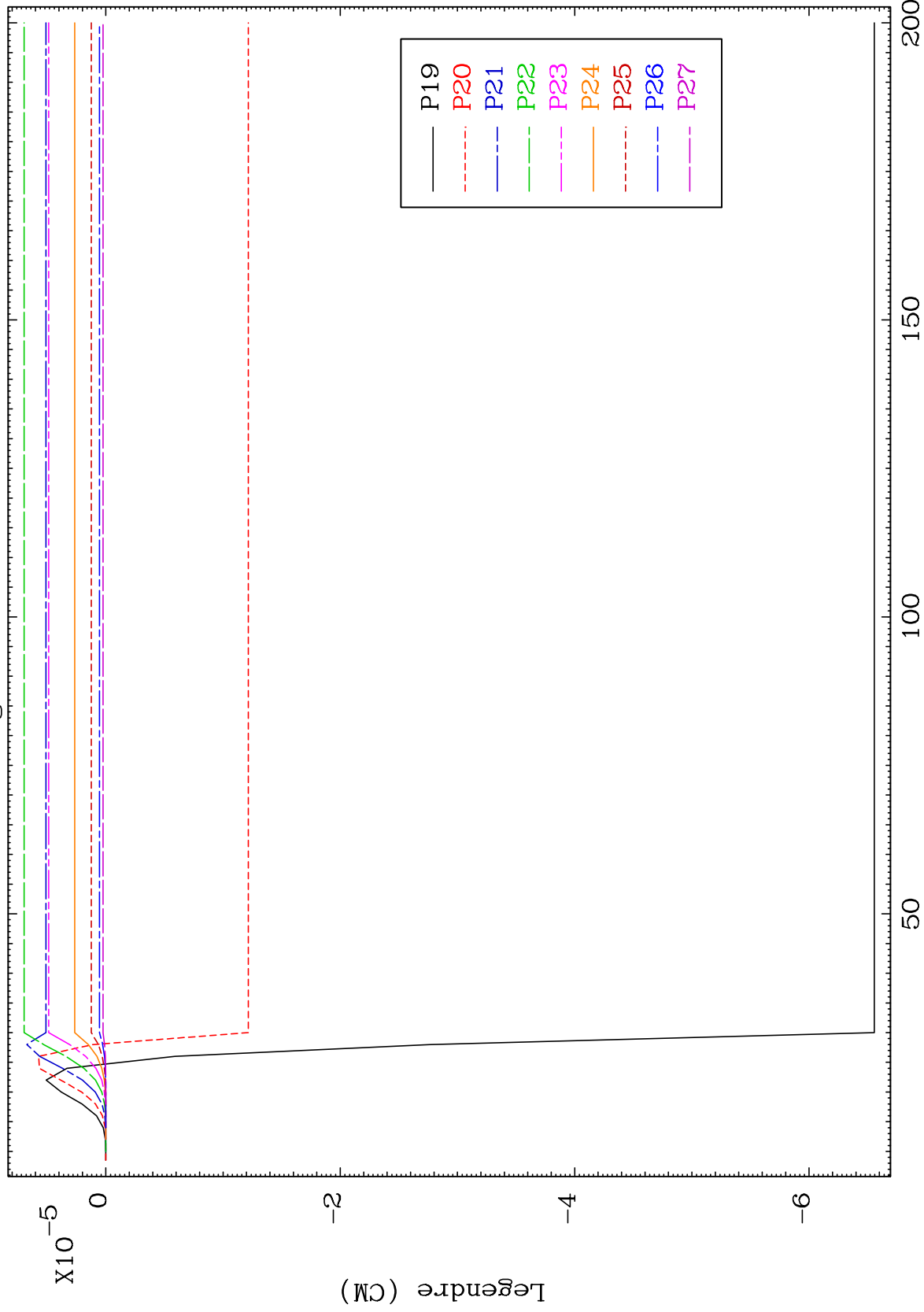
Incident Energy (MeV)

45-Rh-91

MAT 4489

840.4 keV (n,n') Level  
Legendre Coefficients

45-Rh-91



28

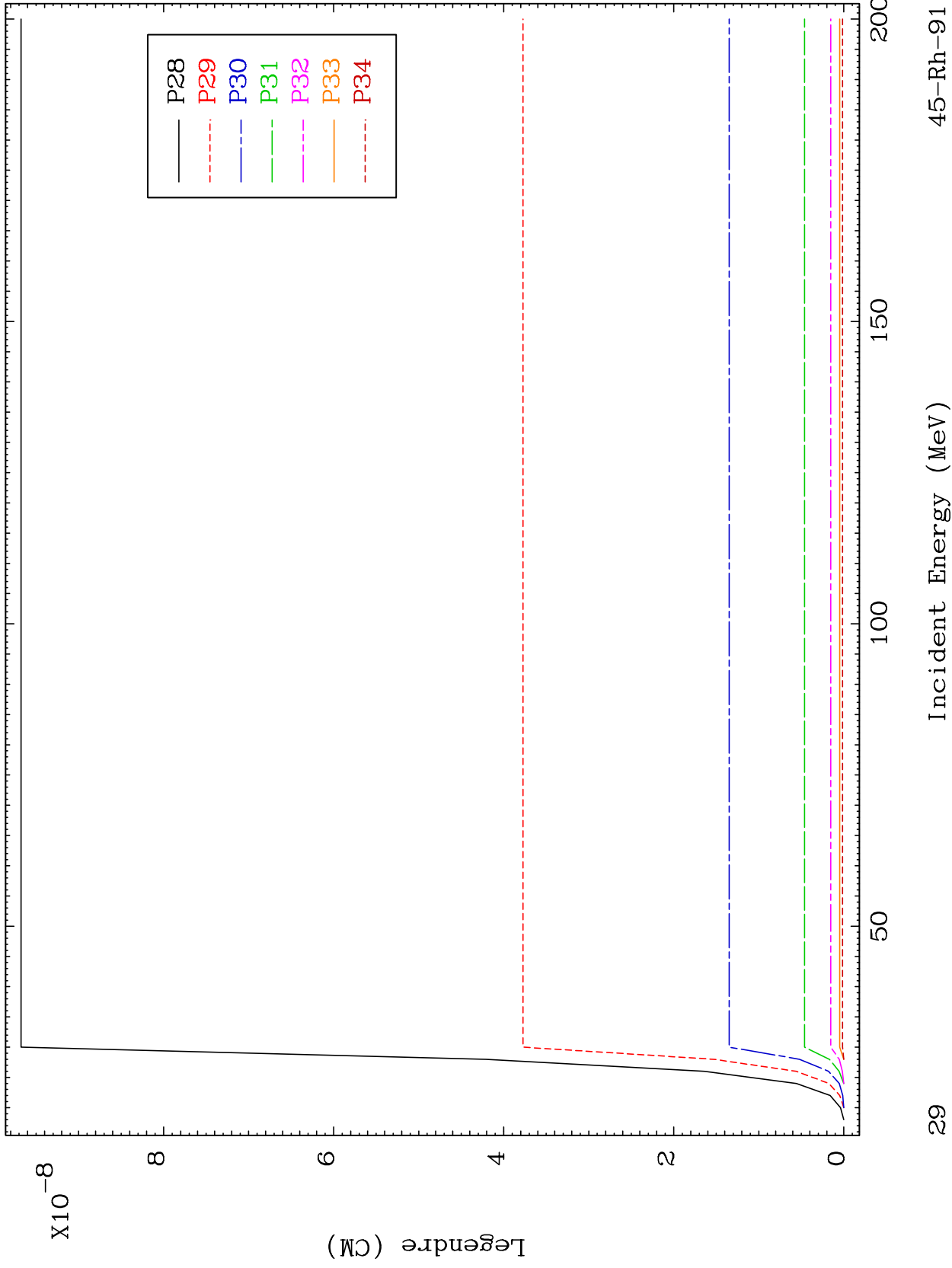
Incident Energy (MeV)

45-Rh-91

MAT 4489

840.4 keV (n,n') Level  
Legendre Coefficients

45-Rh-91

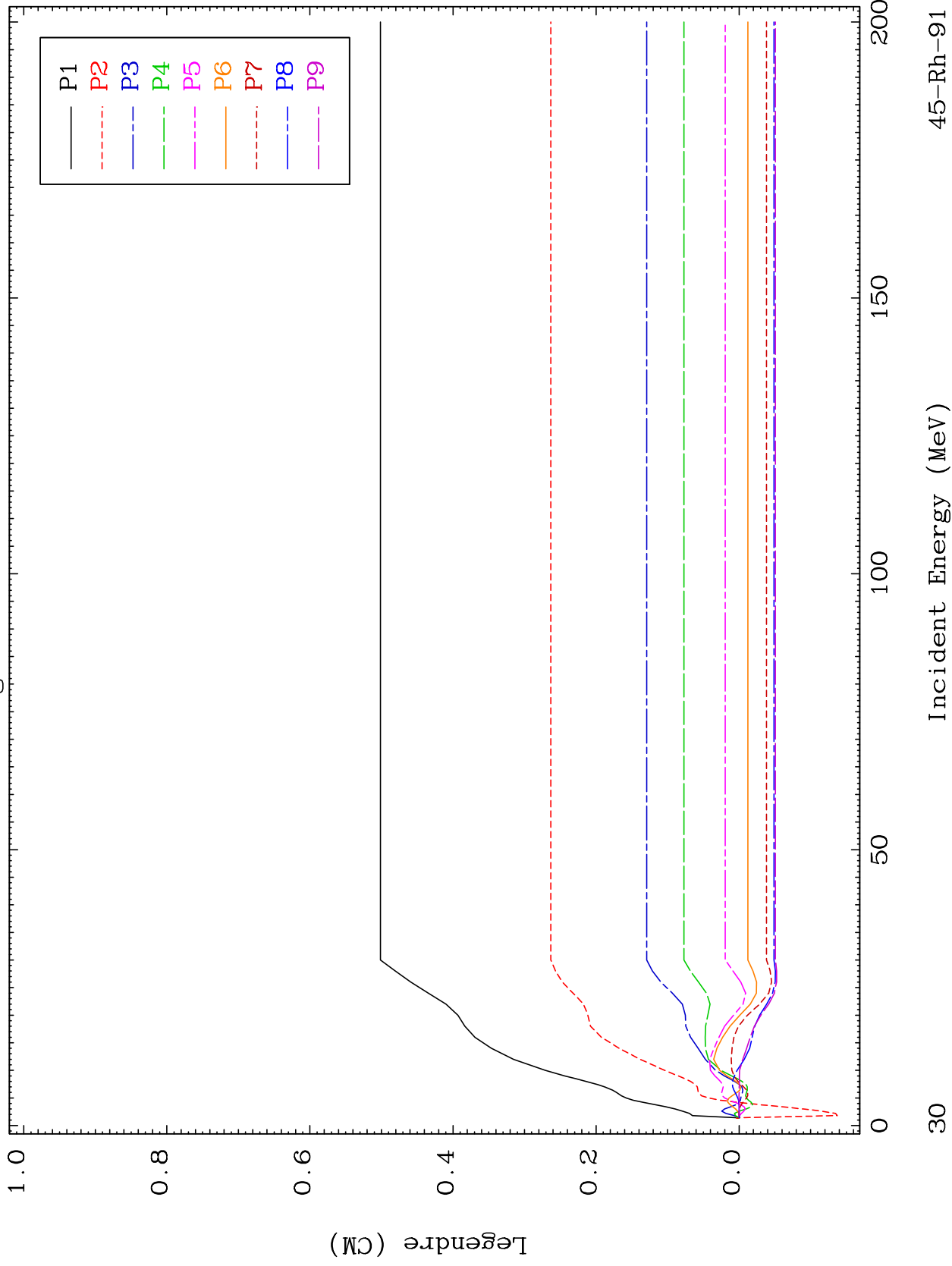


29

MAT 4489

1.292 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91

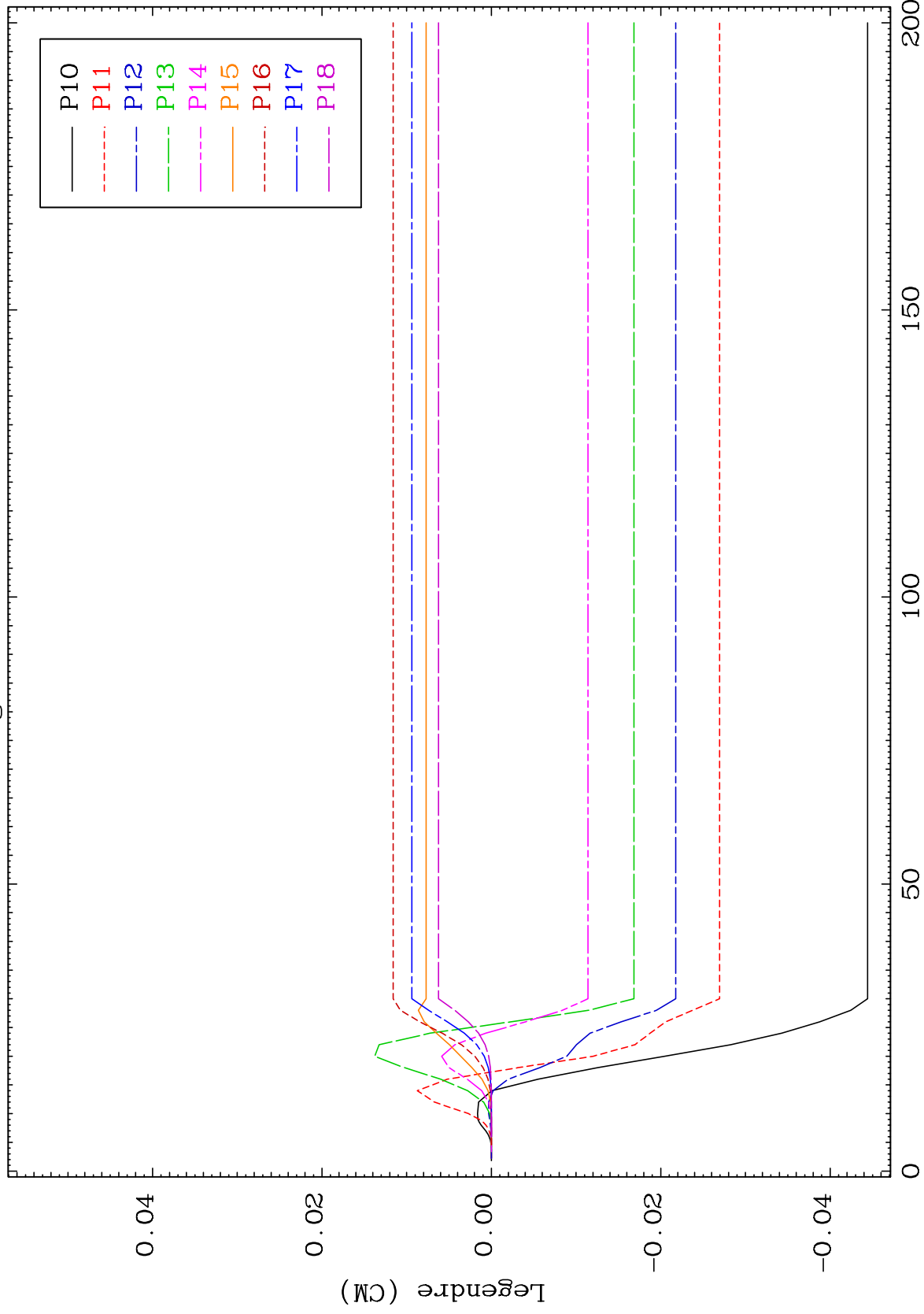


45-Rh-91

MAT 4489

1.292 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



31

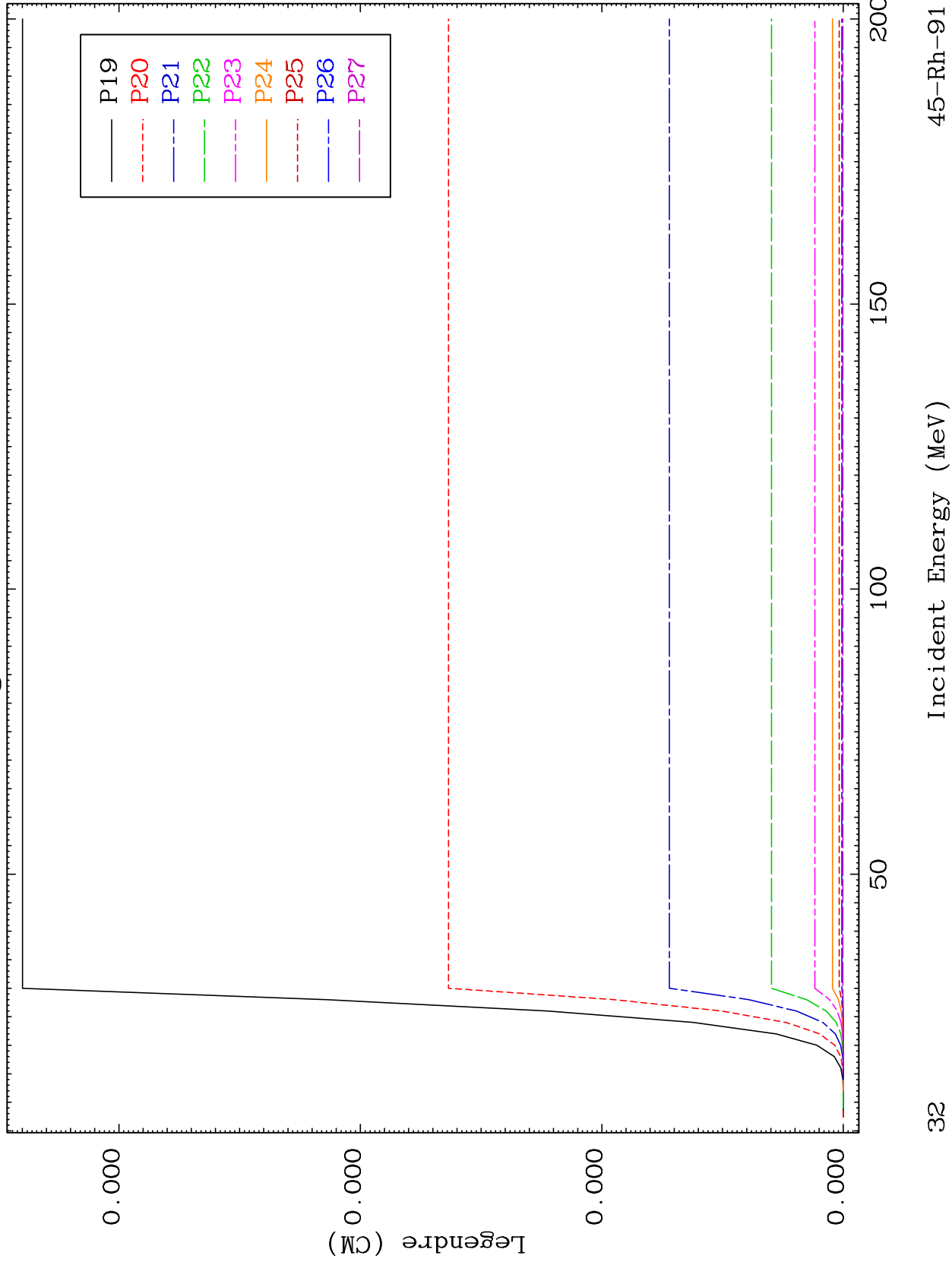
Incident Energy (MeV)

45-Rh-91

MAT 4489

1.292 MeV (n,n') Level  
Legendre Coefficients

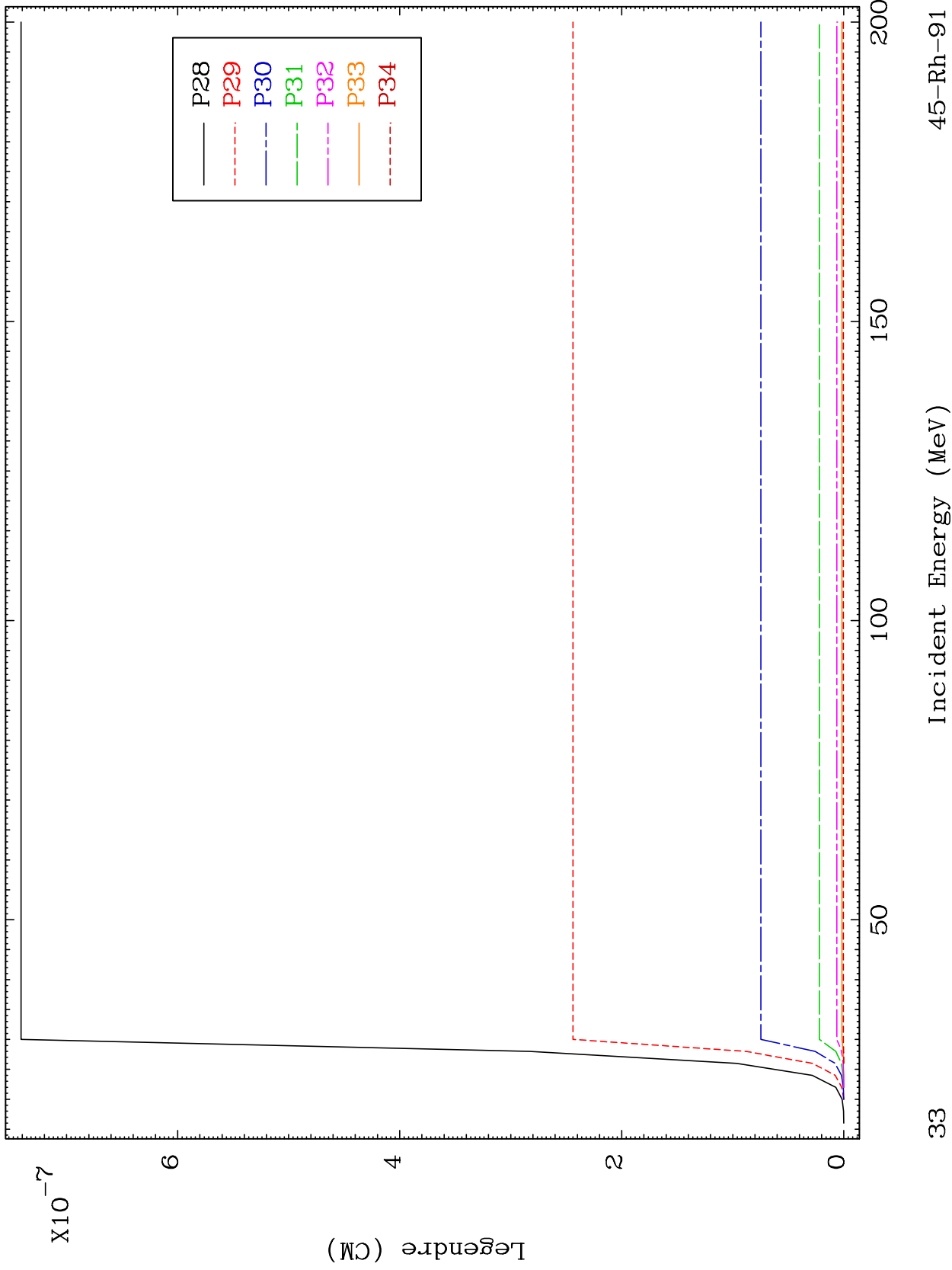
45-Rh-91



MAT 4489

1.292 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91

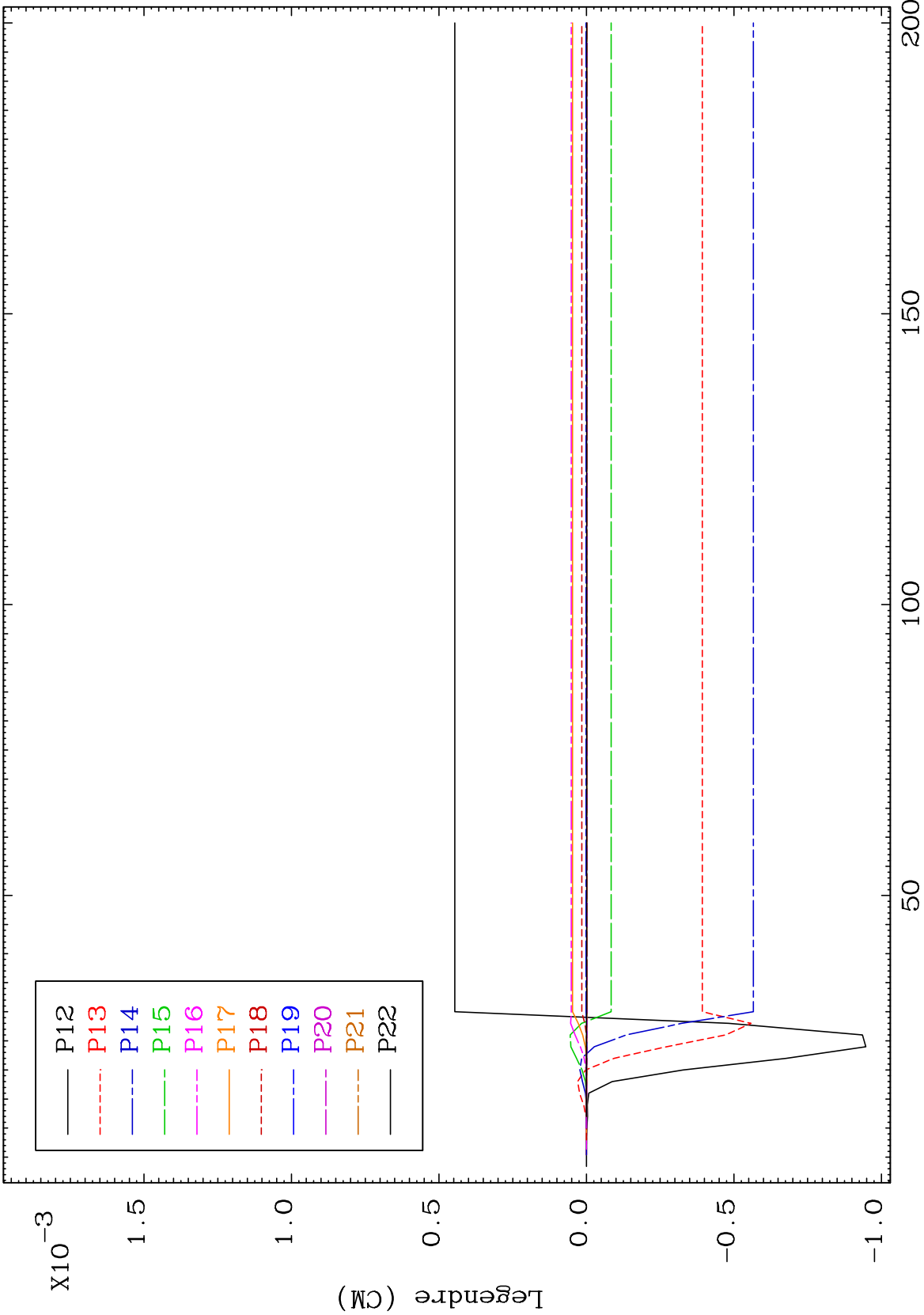


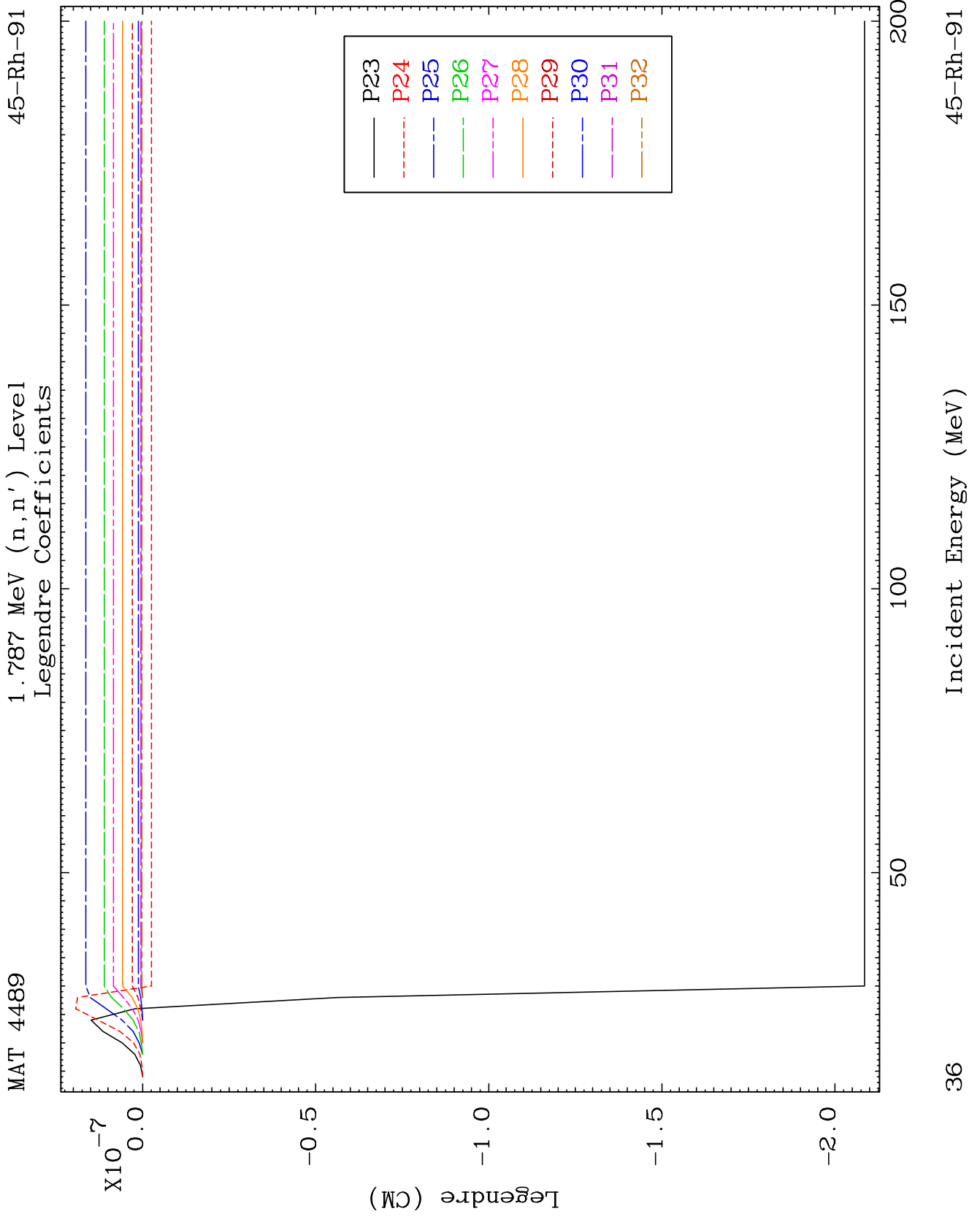
33

Incident Energy (MeV)

45-Rh-91



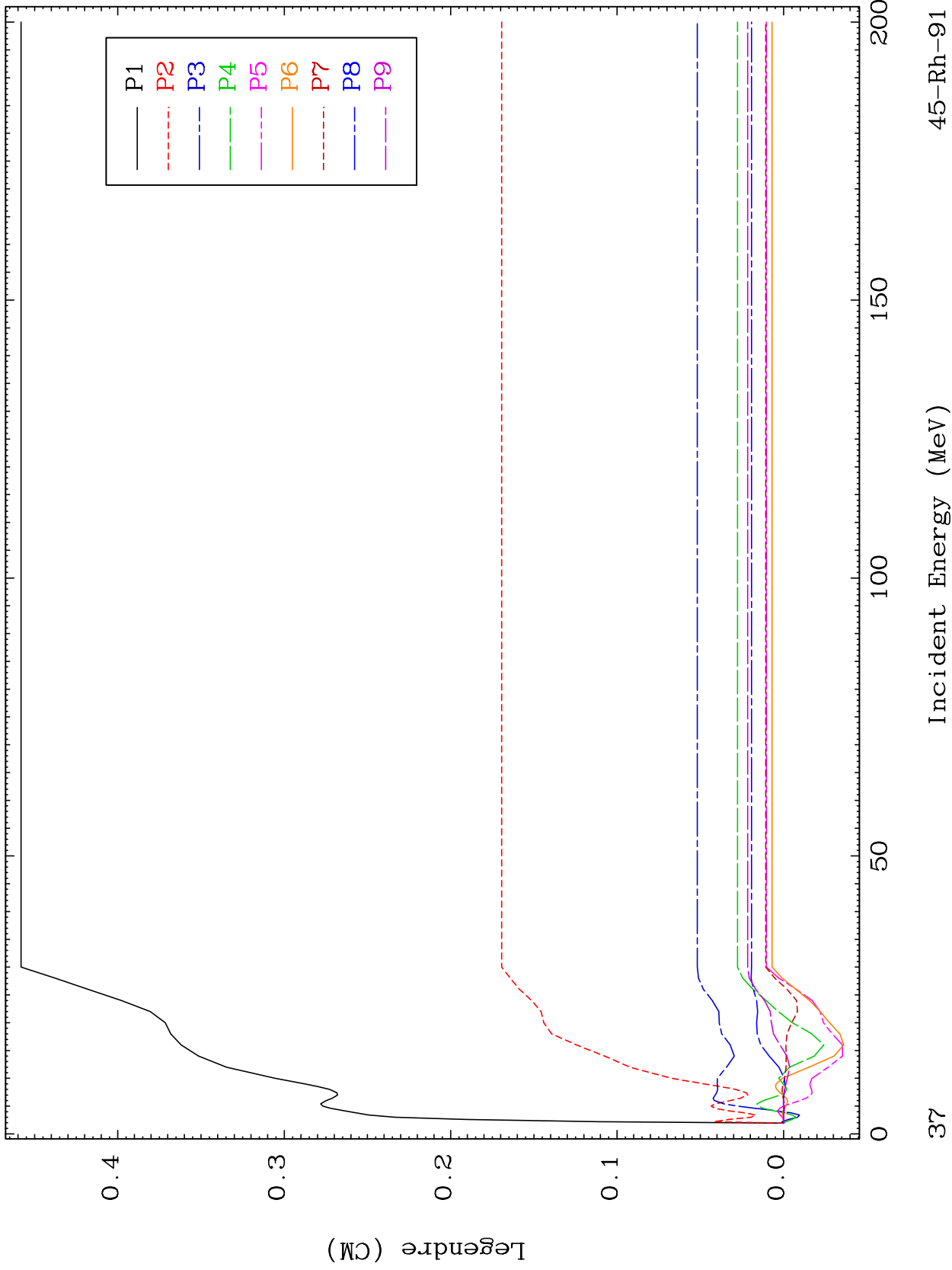




MAT 4489

1.905 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



45-Rh-91

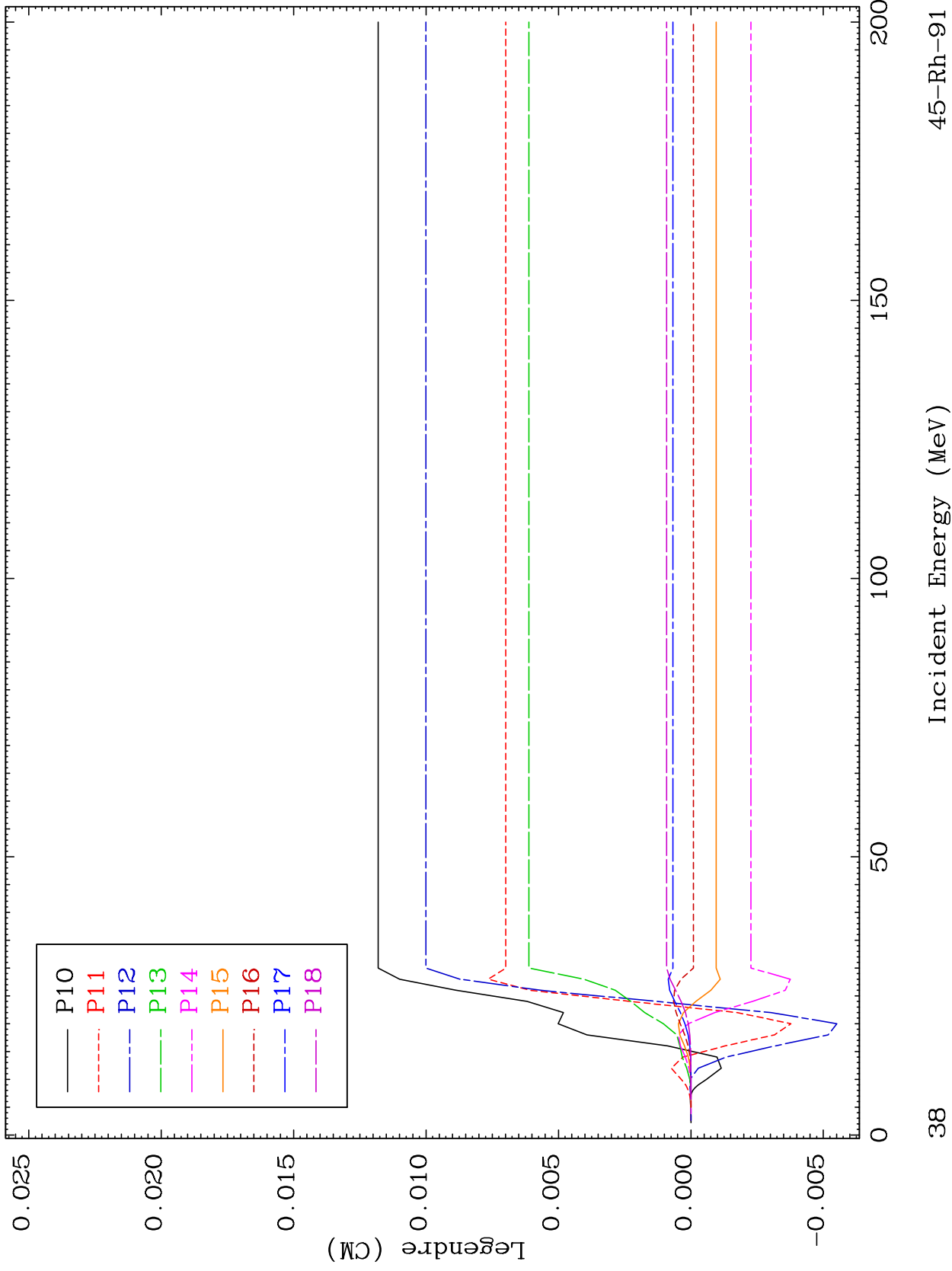
Incident Energy (MeV)

37

MAT 4489

1.905 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



38

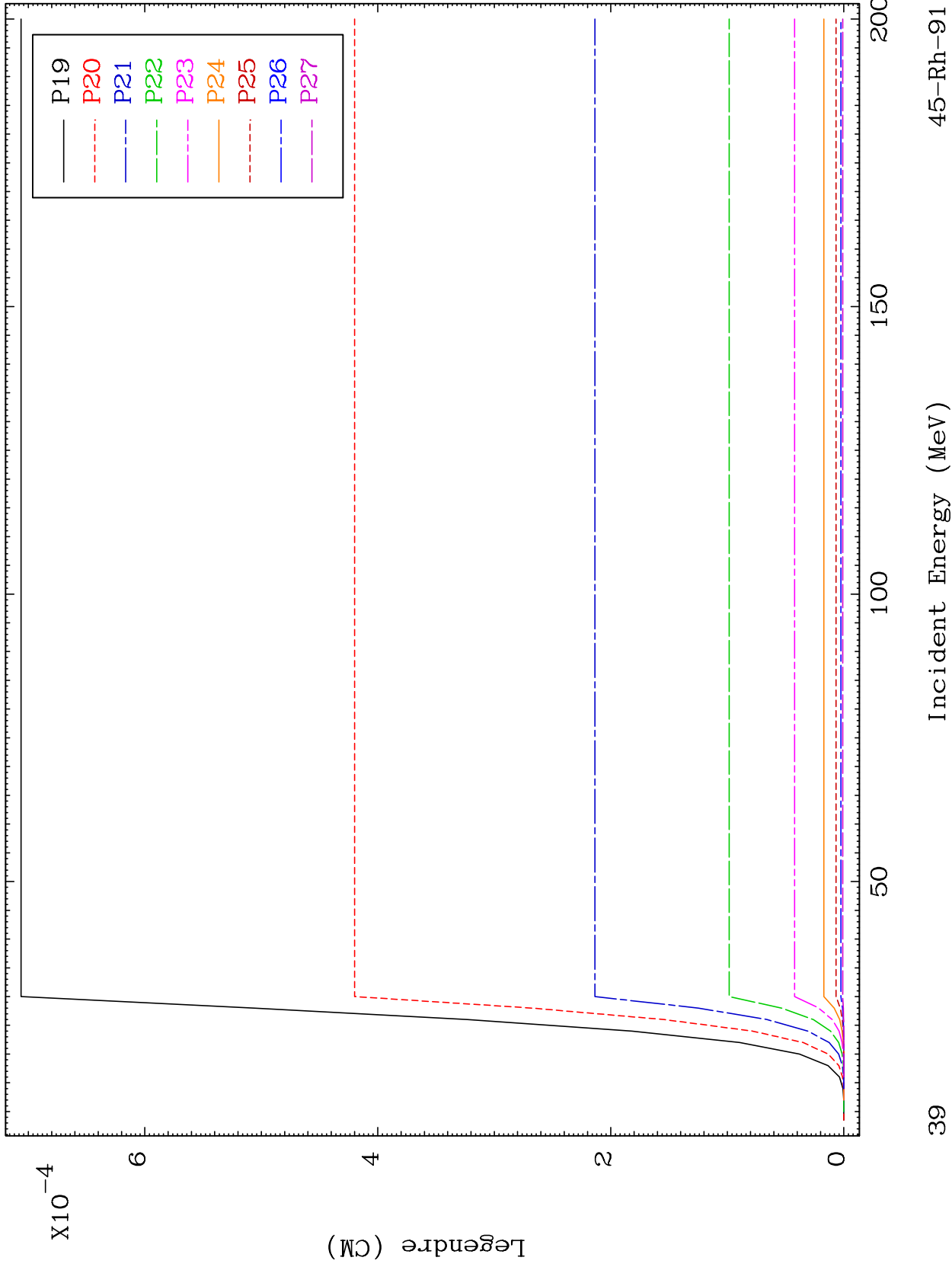
Incident Energy (MeV)

45-Rh-91

MAT 4489

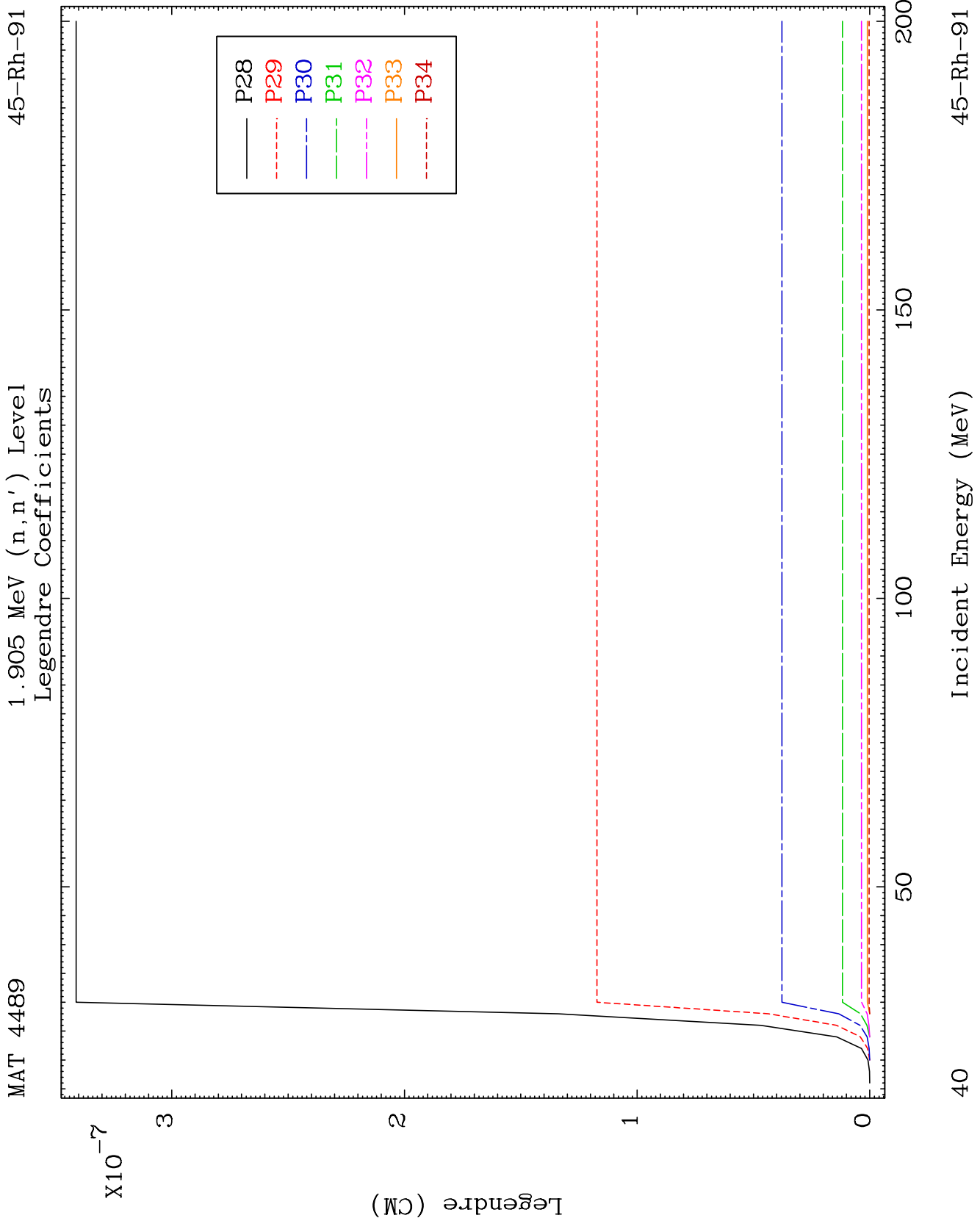
1.905 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



39

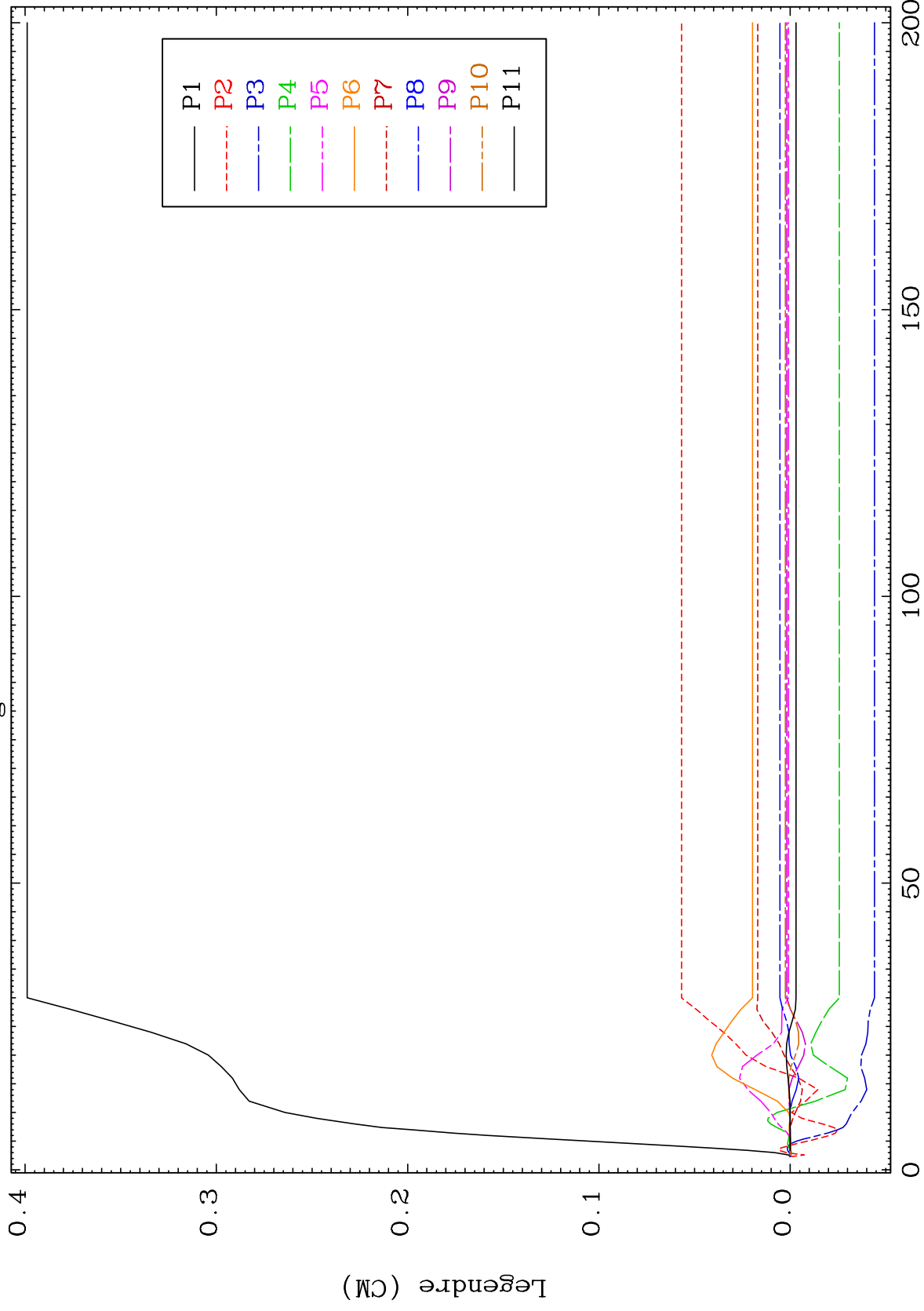
200



MAT 4489

2.278 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



41

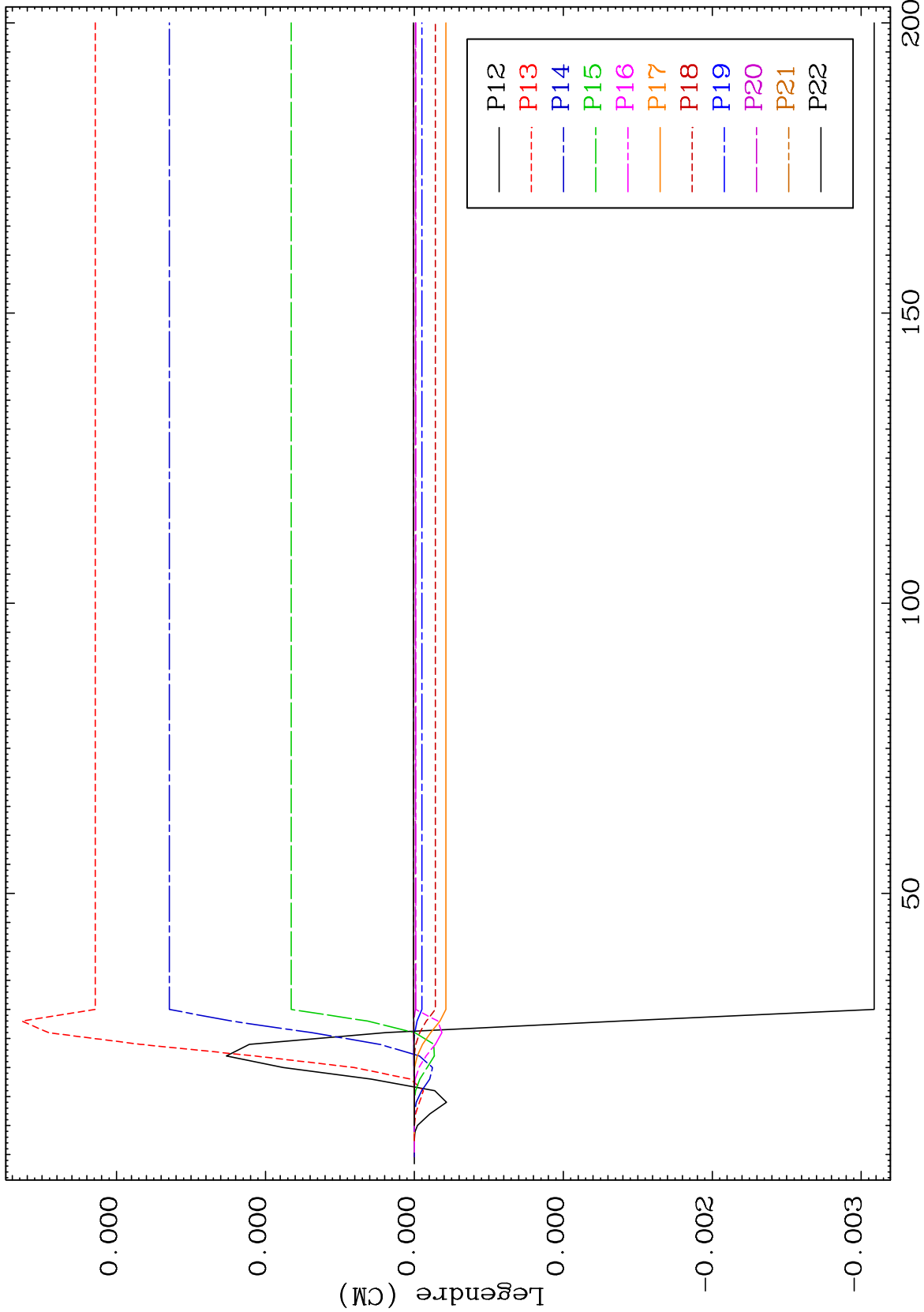
Incident Energy (MeV)

45-Rh-91

MAT 4489

2.278 MeV (n,n') Level  
Legendre Coefficients

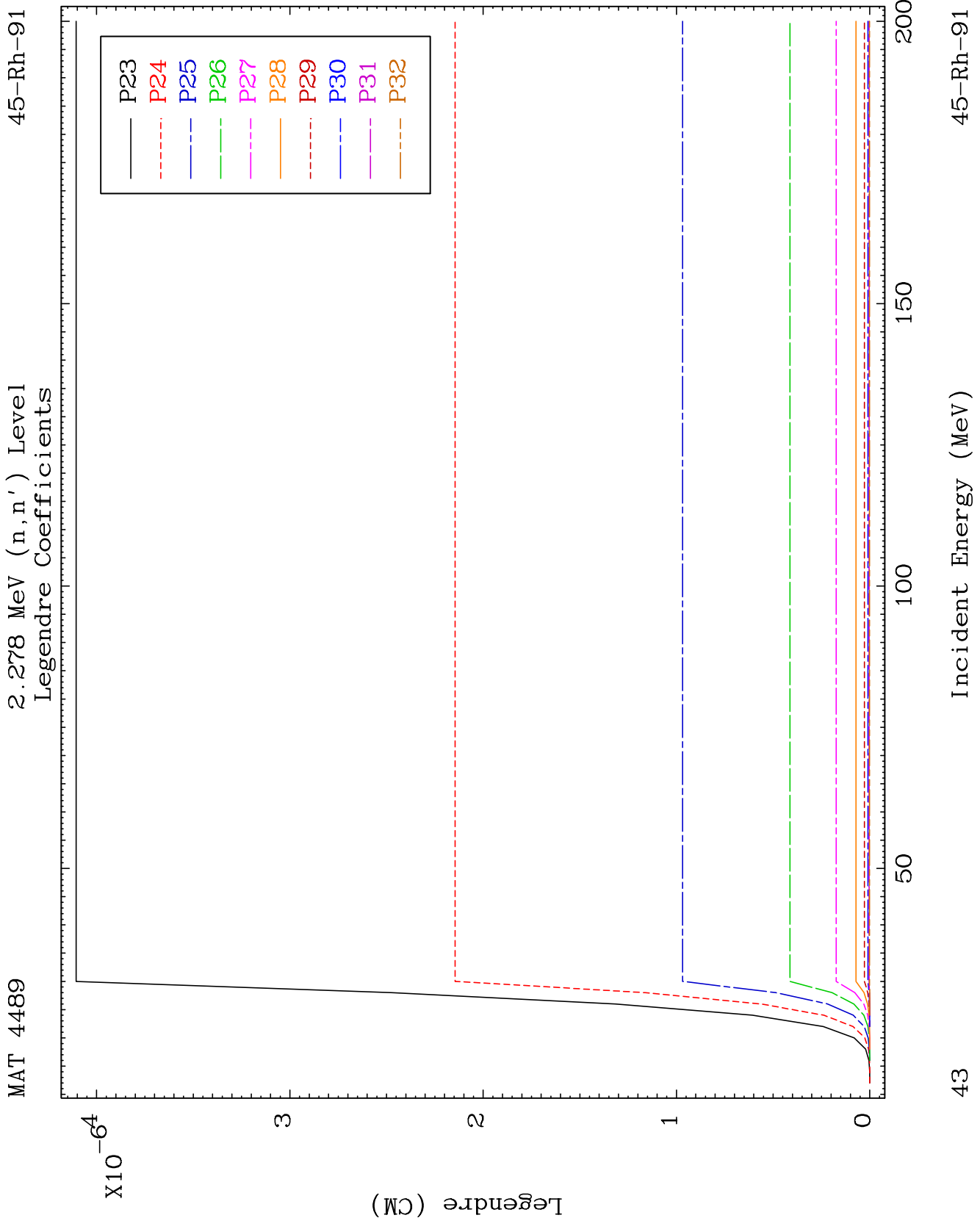
45-Rh-91



42

Incident Energy (MeV)

45-Rh-91

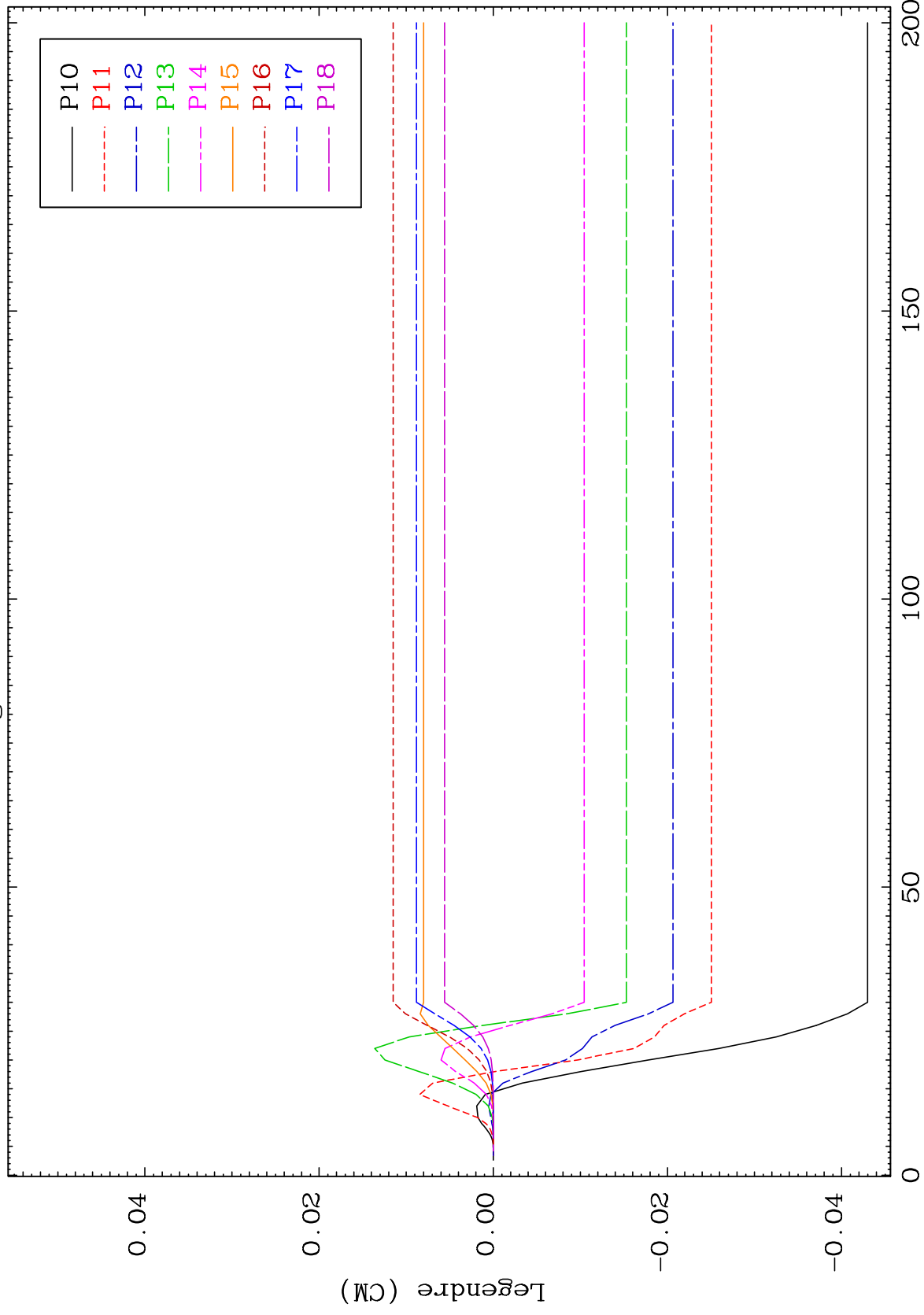




MAT 4489

2.568 MeV (n,n') Level  
Legendre Coefficients

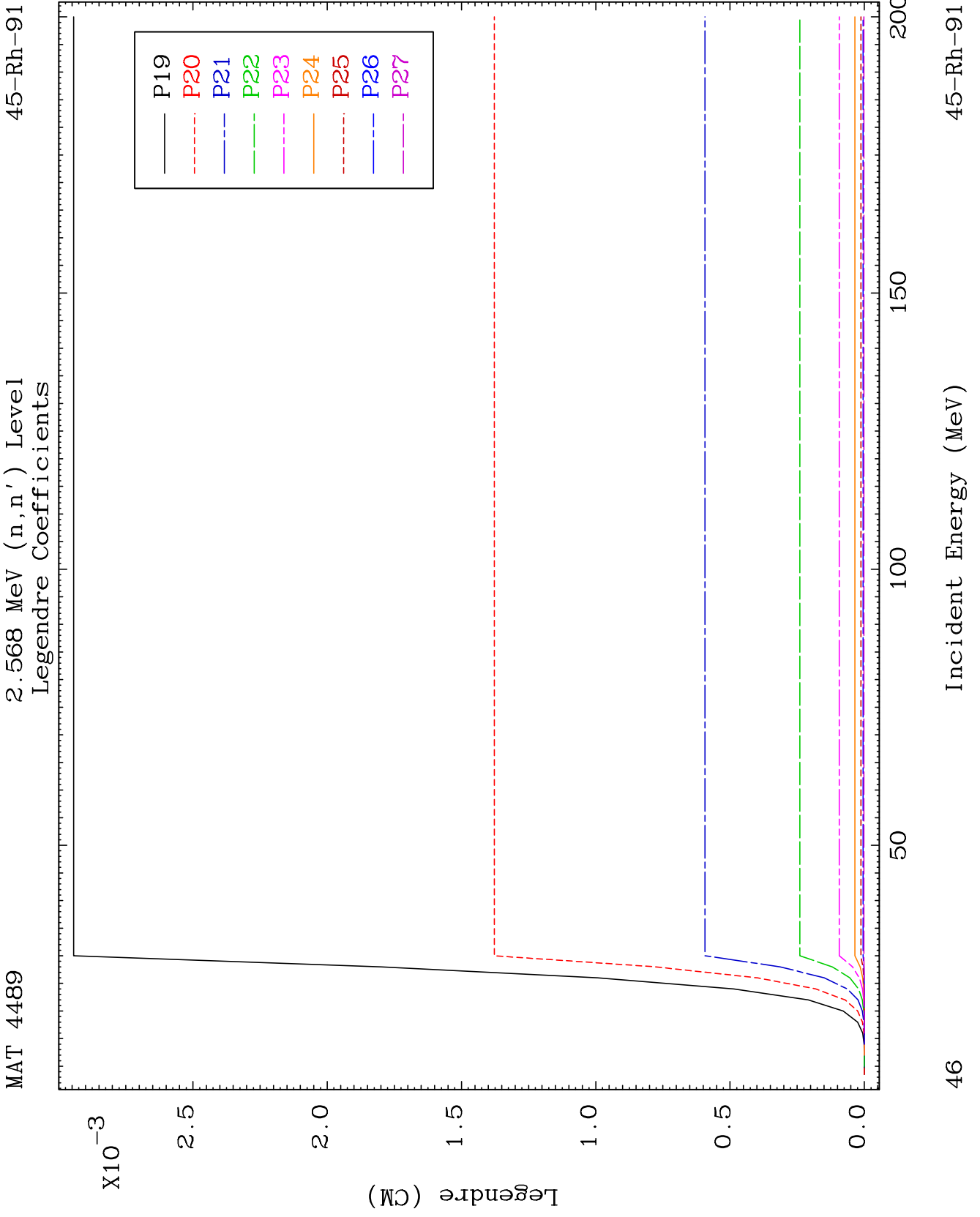
45-Rh-91



45

Incident Energy (MeV)

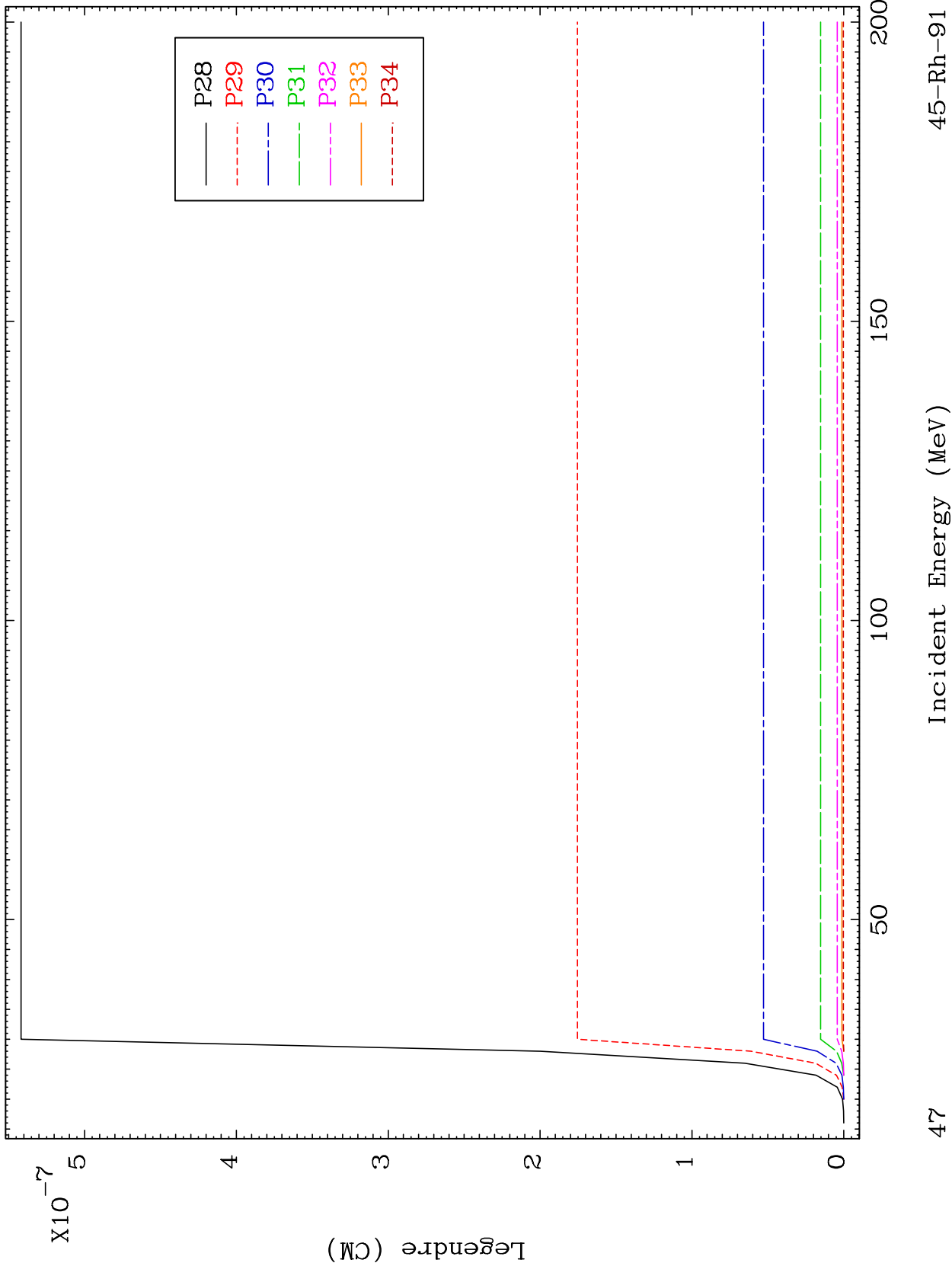
45-Rh-91



MAT 4489

2.568 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



47

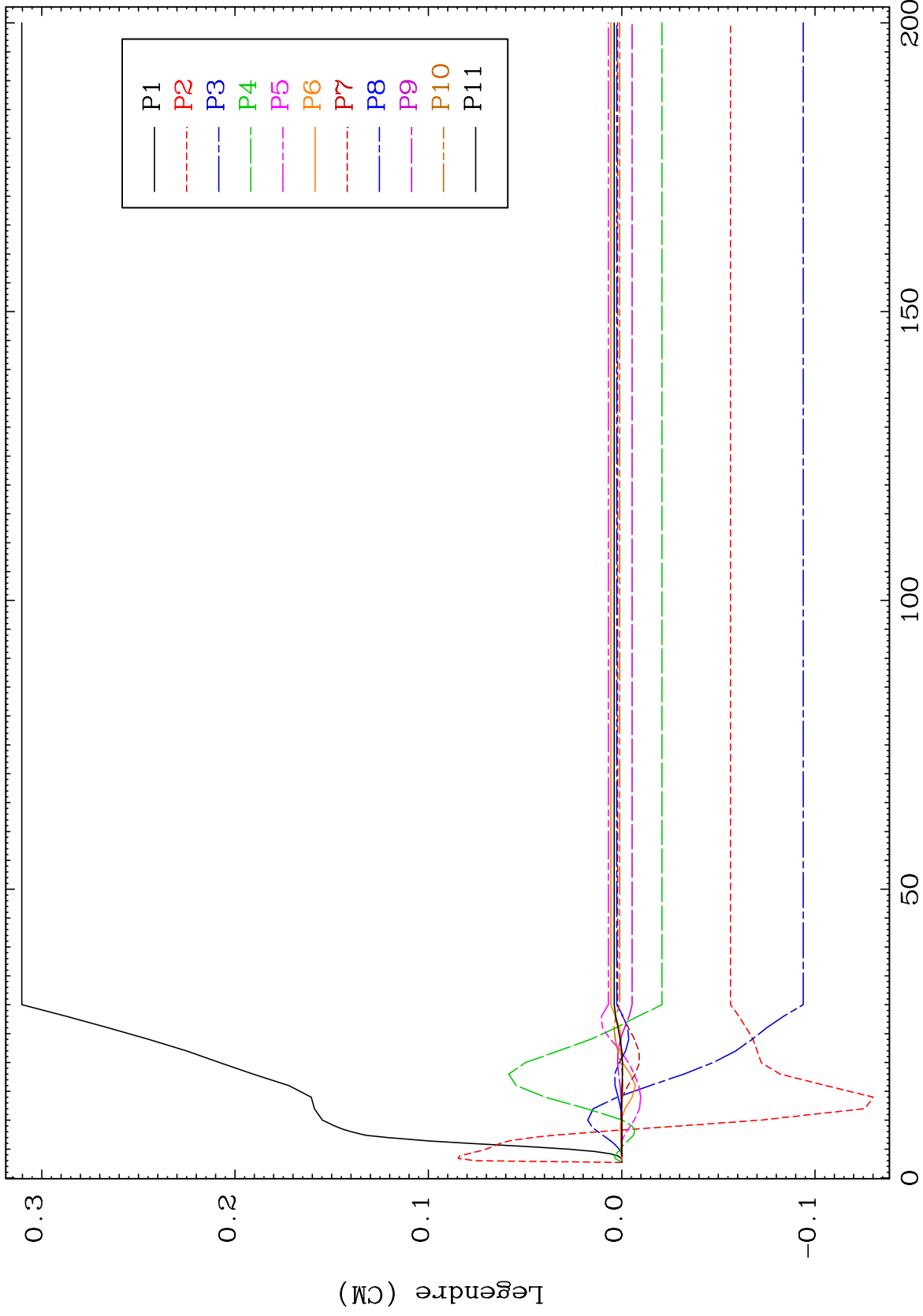
Incident Energy (MeV)

45-Rh-91

MAT 4489

2.655 MeV (n,n') Level  
Legendre Coefficients

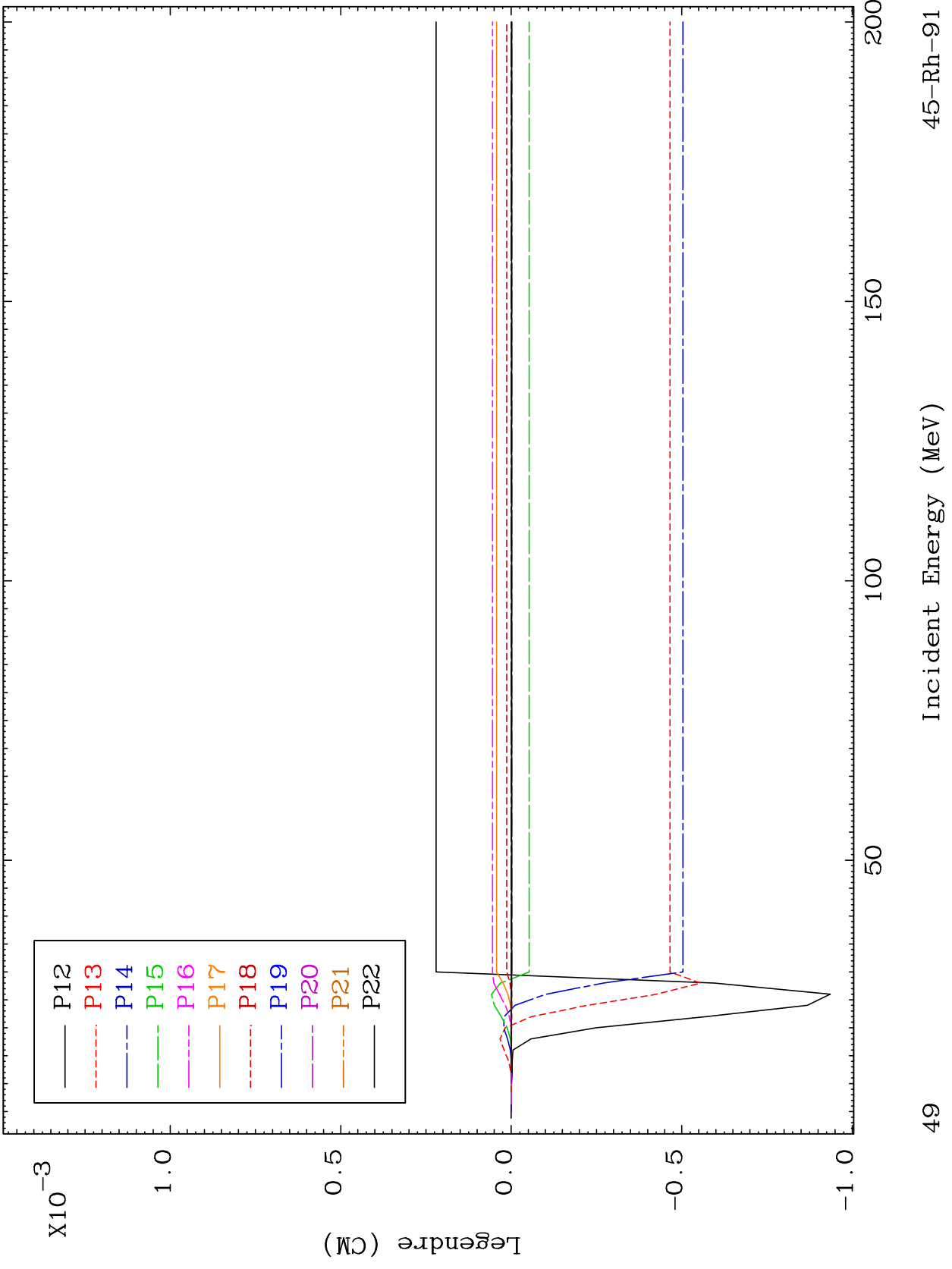
45-Rh-91

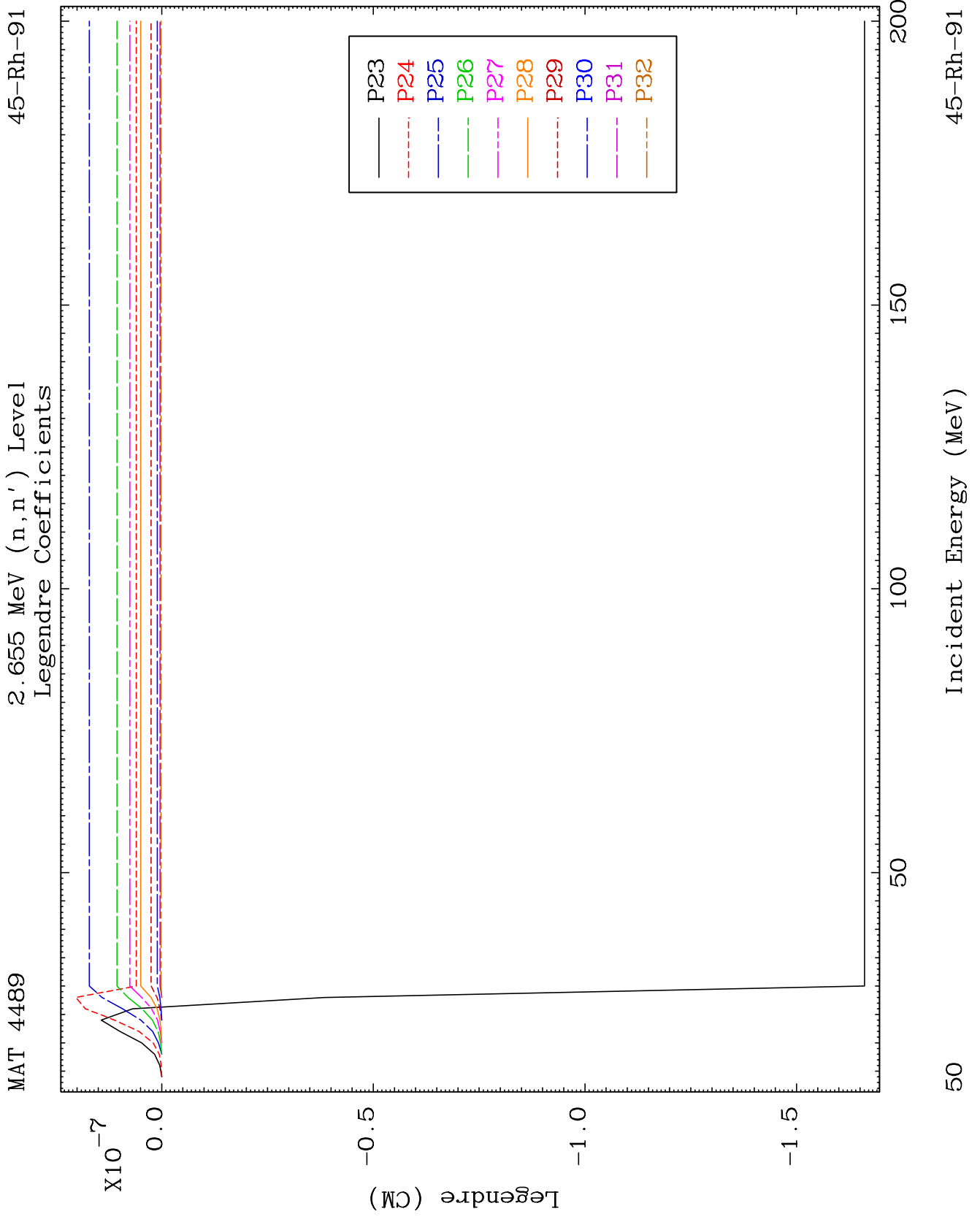


48

Incident Energy (MeV)

45-Rh-91

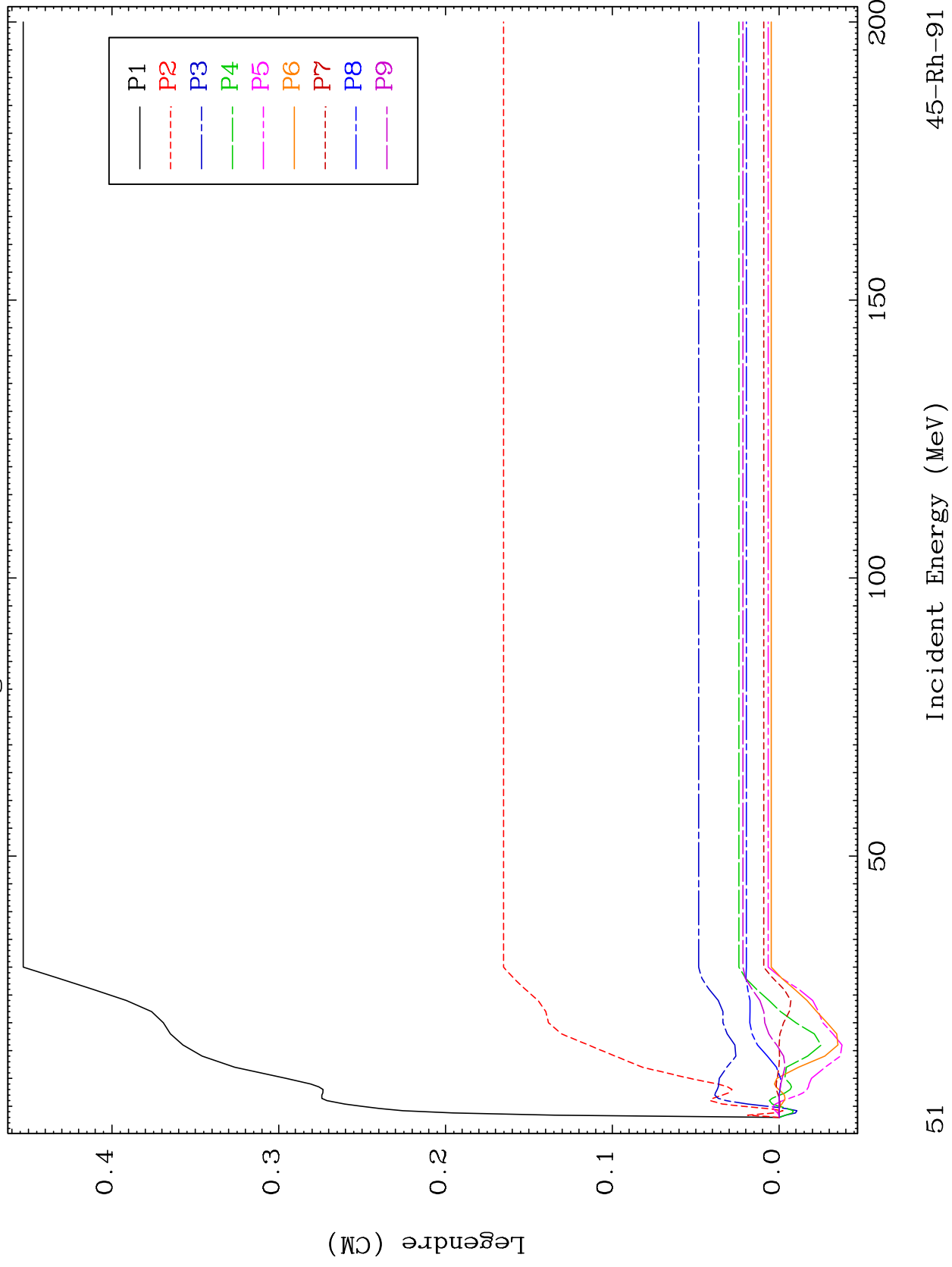




MAT 4489

2.873 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



51

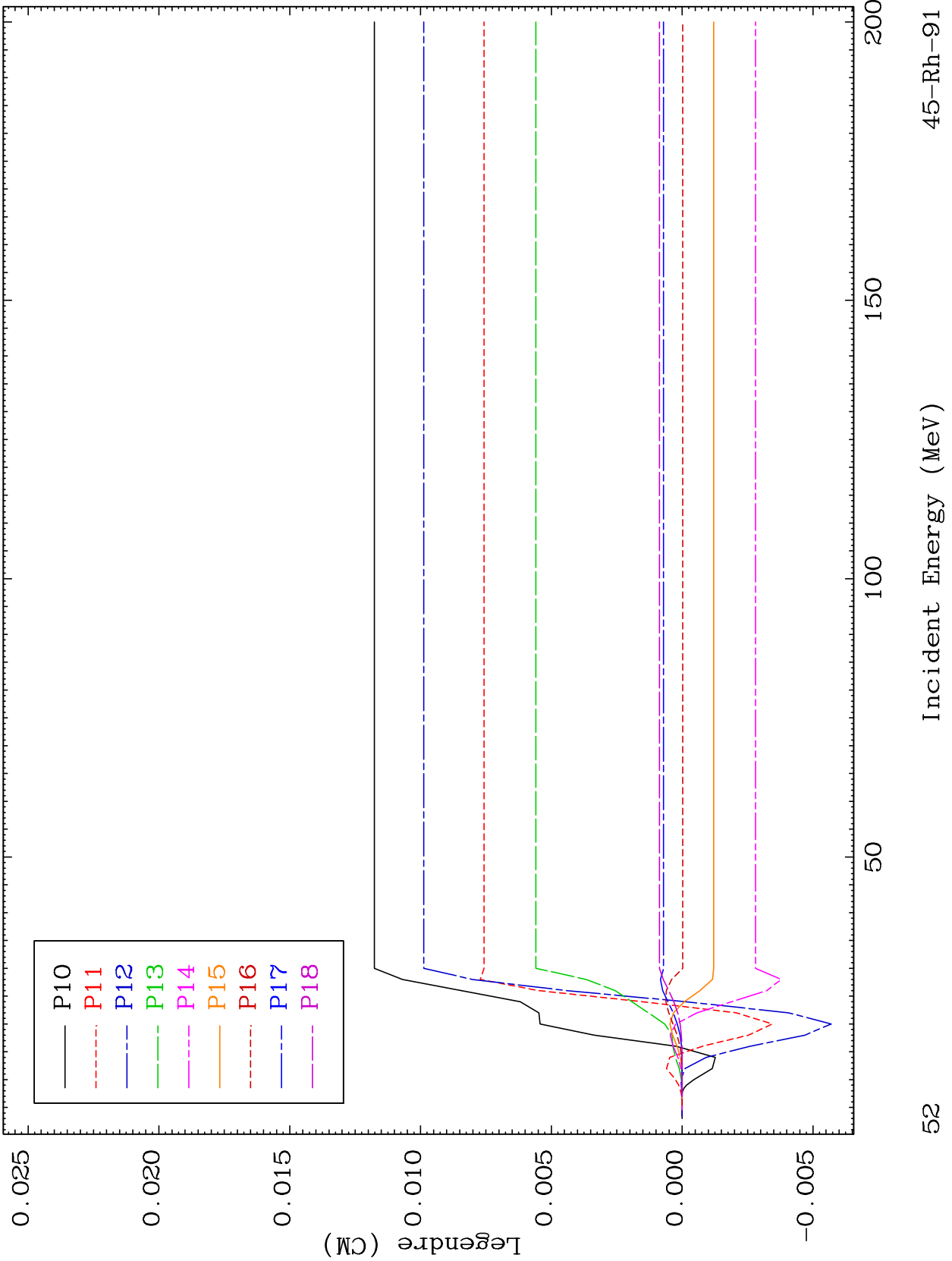
Incident Energy (MeV)

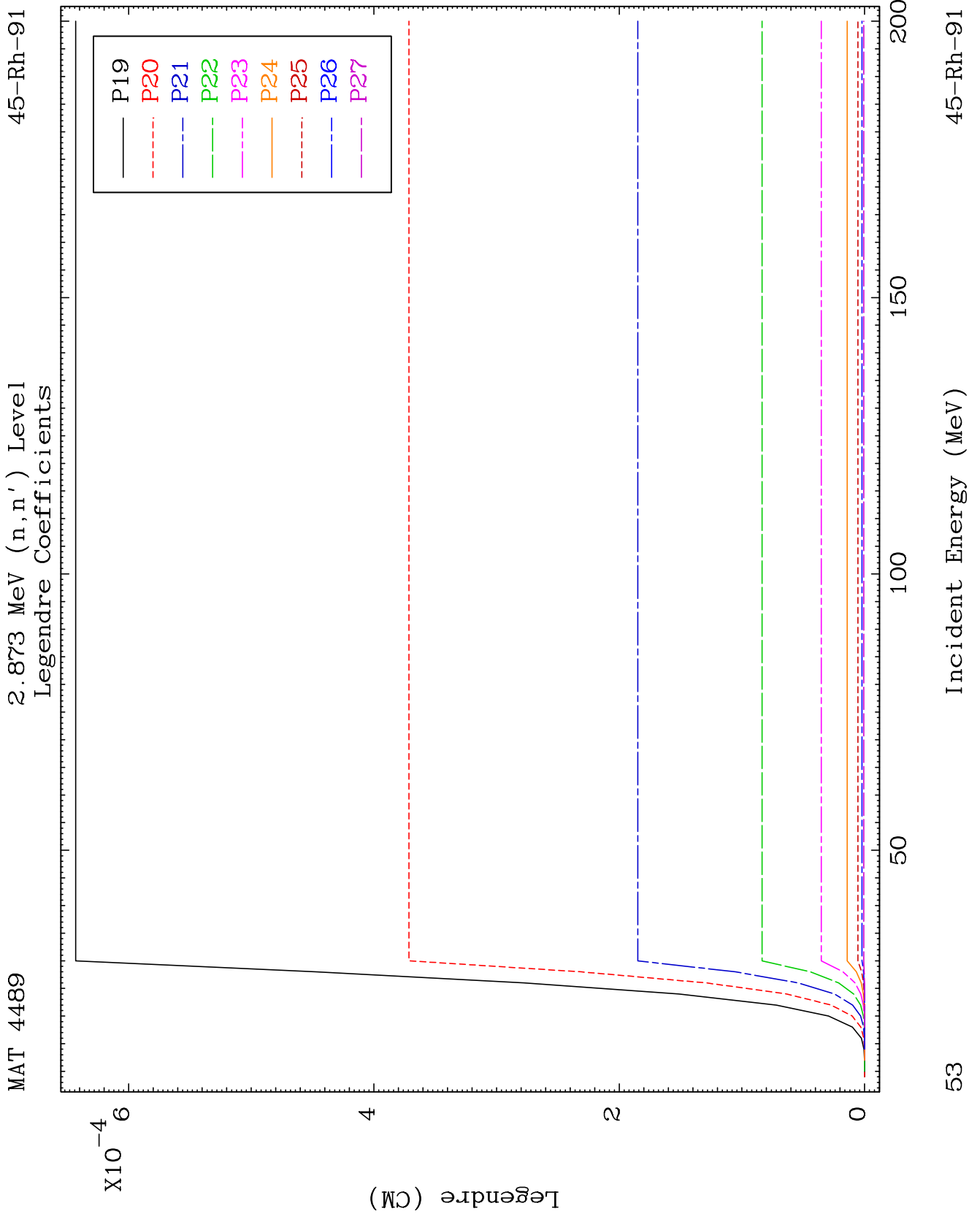
45-Rh-91

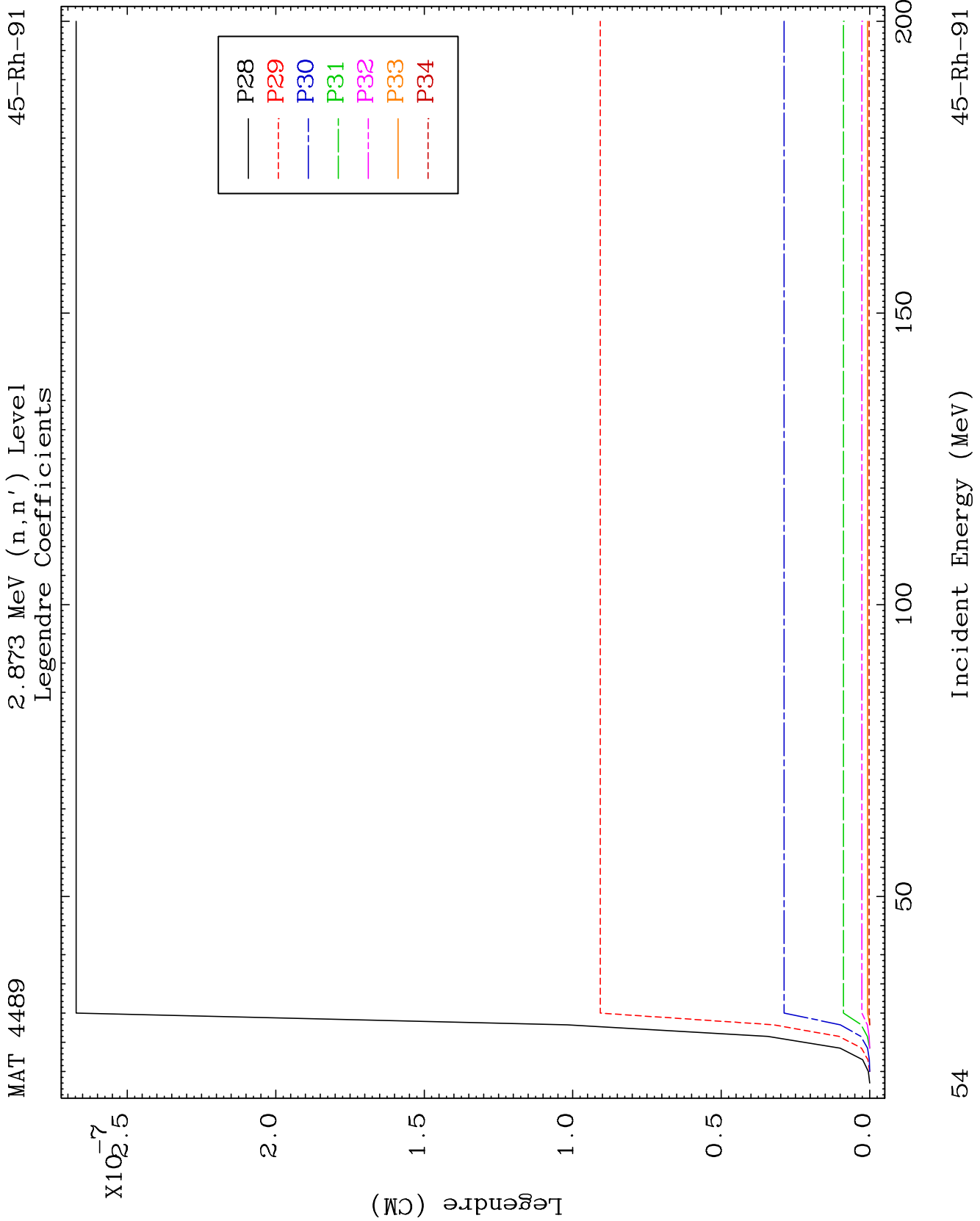
MAT 4489

2.873 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



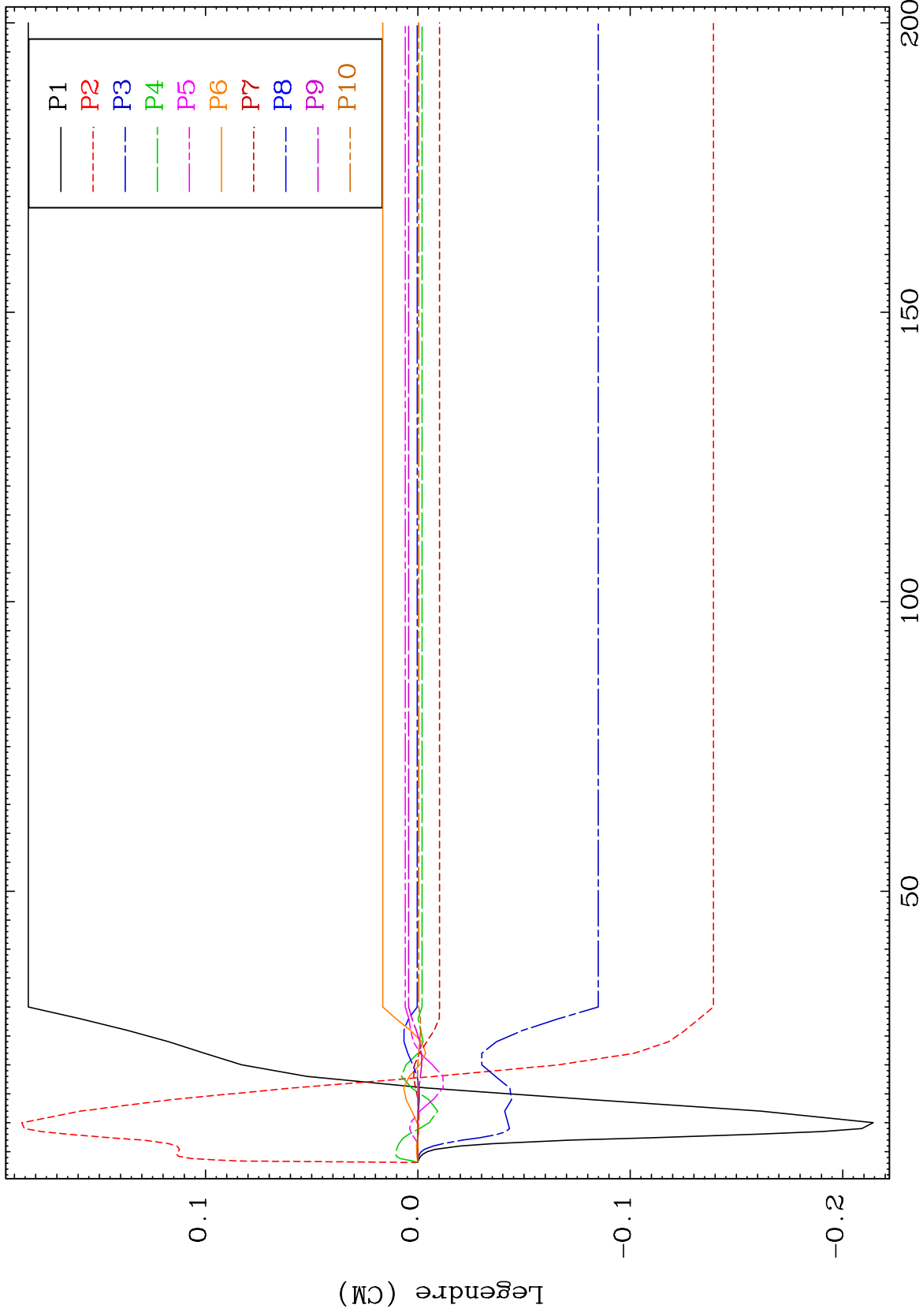




MAT 4489

3.103 MeV (n,n') Level  
Legendre Coefficients

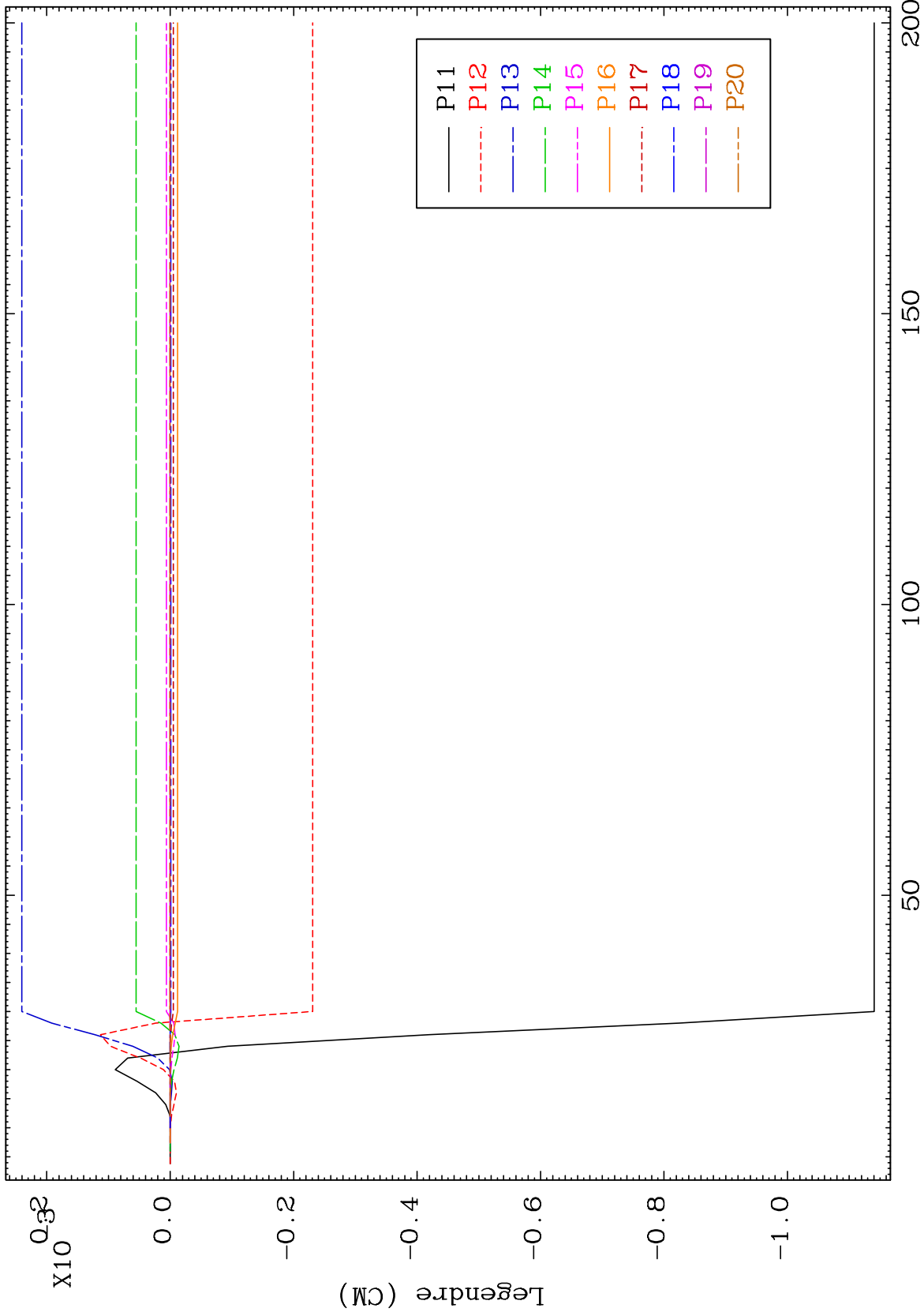
45-Rh-91



55

Incident Energy (MeV)

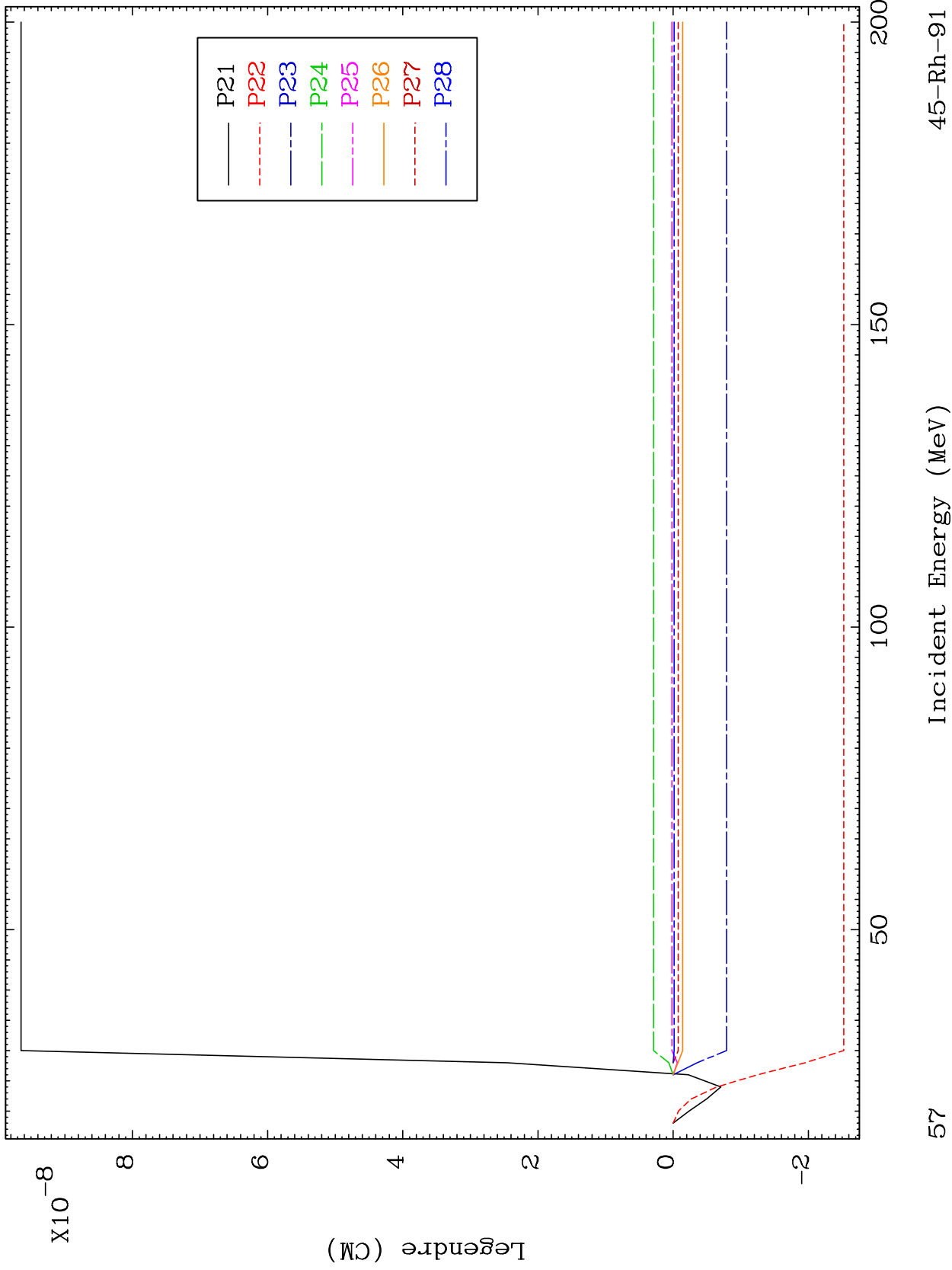
45-Rh-91



MAT 4489

3.103 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



57

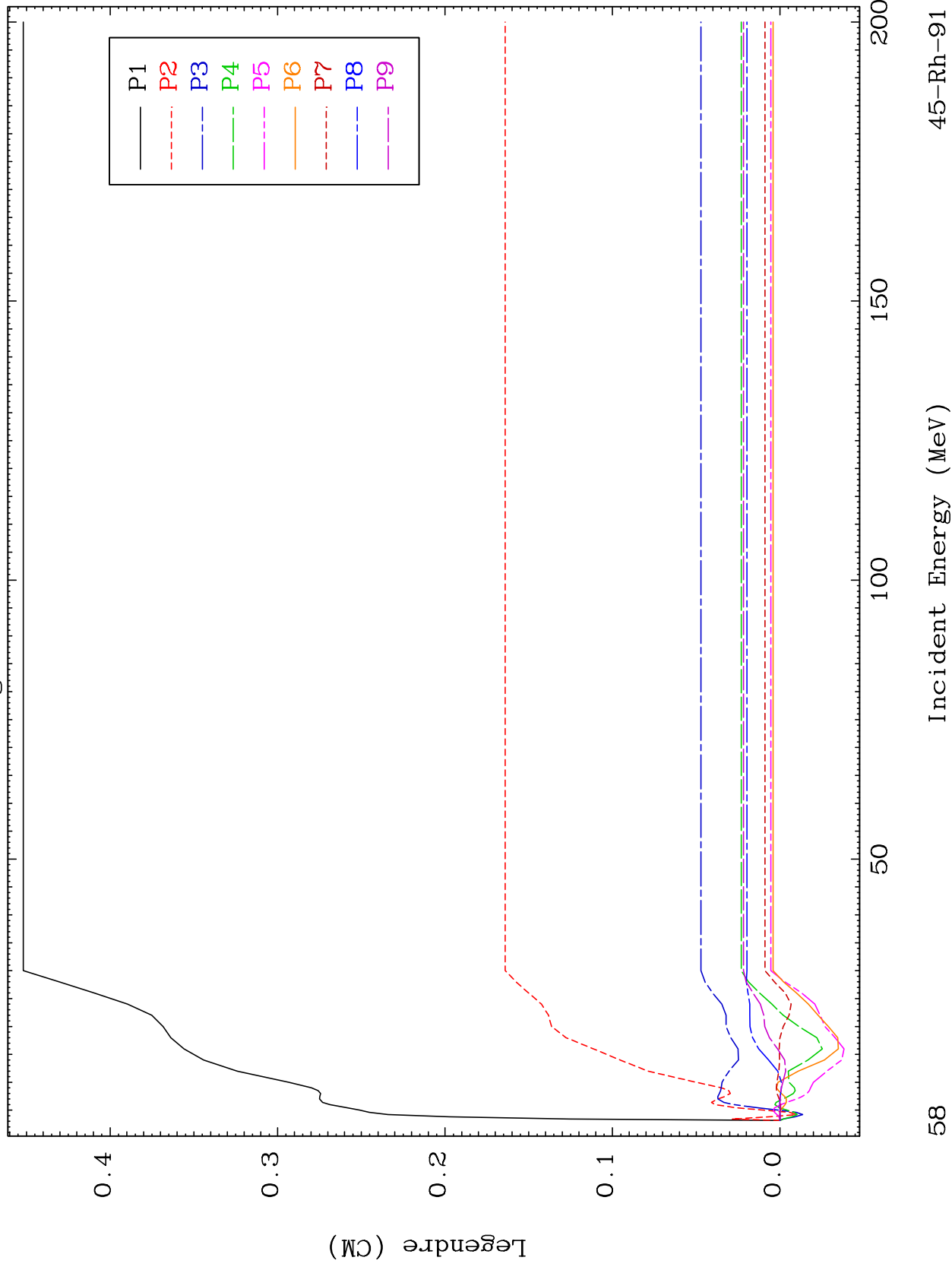
Incident Energy (MeV)

45-Rh-91

MAT 4489

3.114 MeV (n,n') Level  
Legendre Coefficients

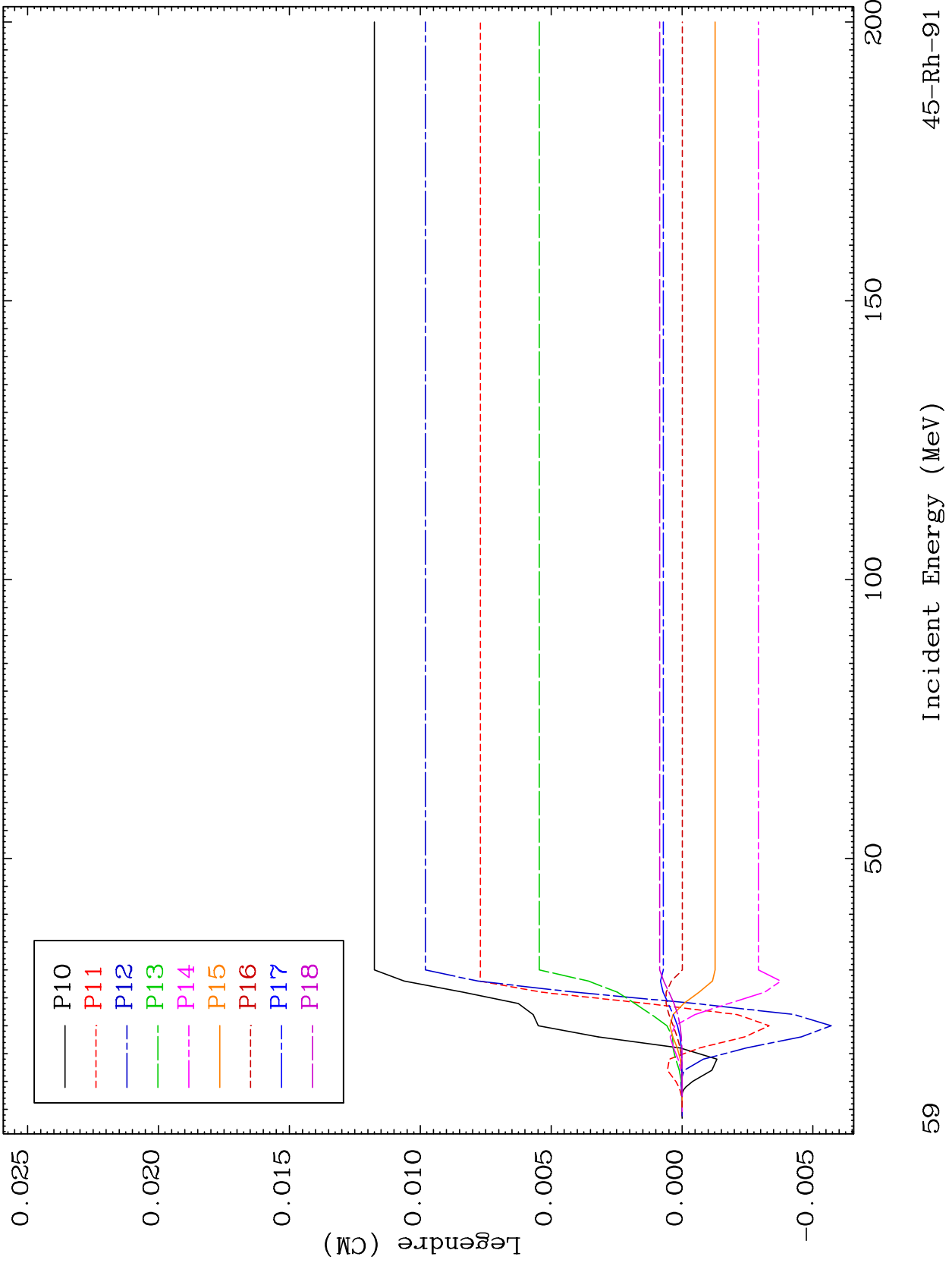
45-Rh-91

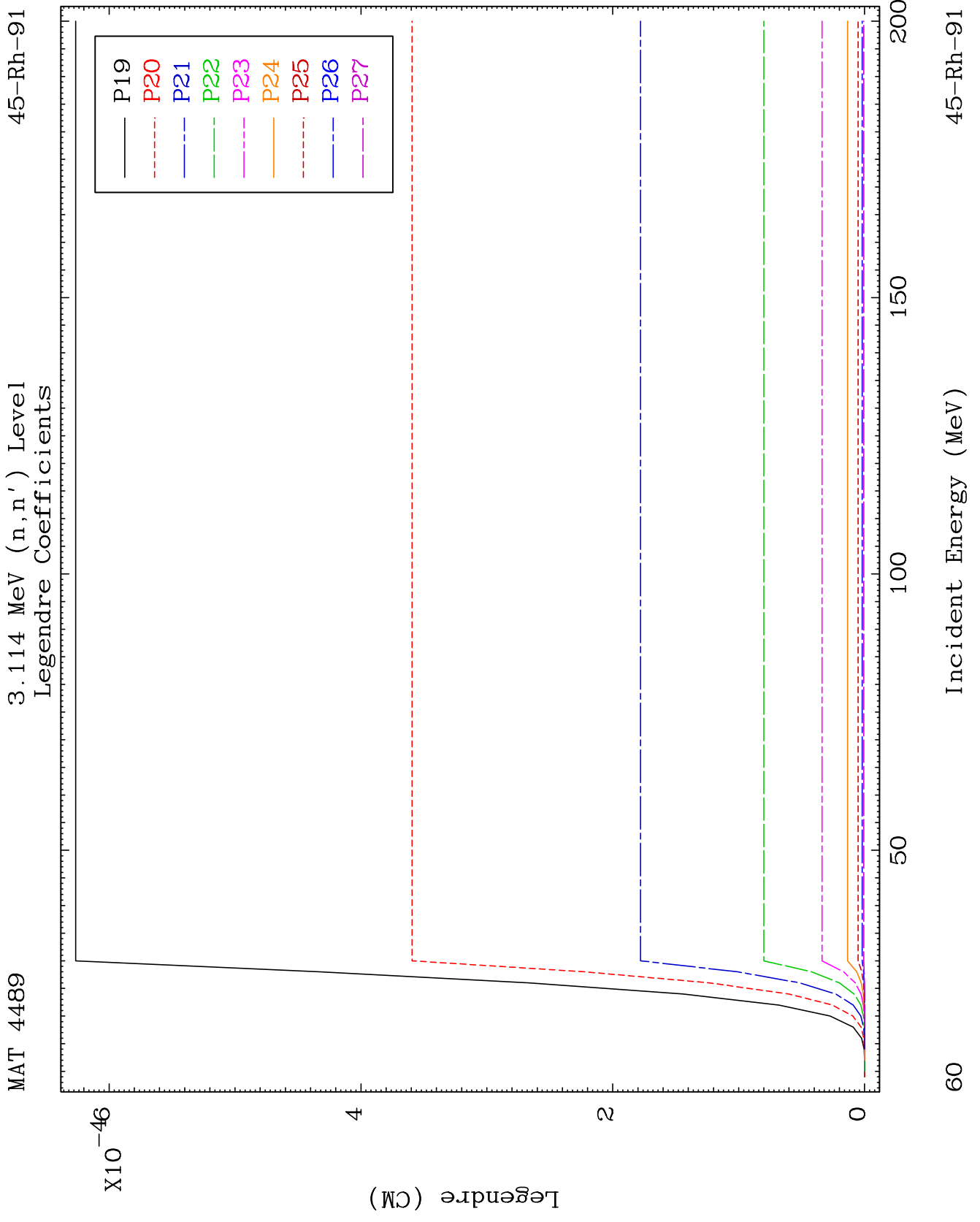


58

Incident Energy (MeV)

45-Rh-91

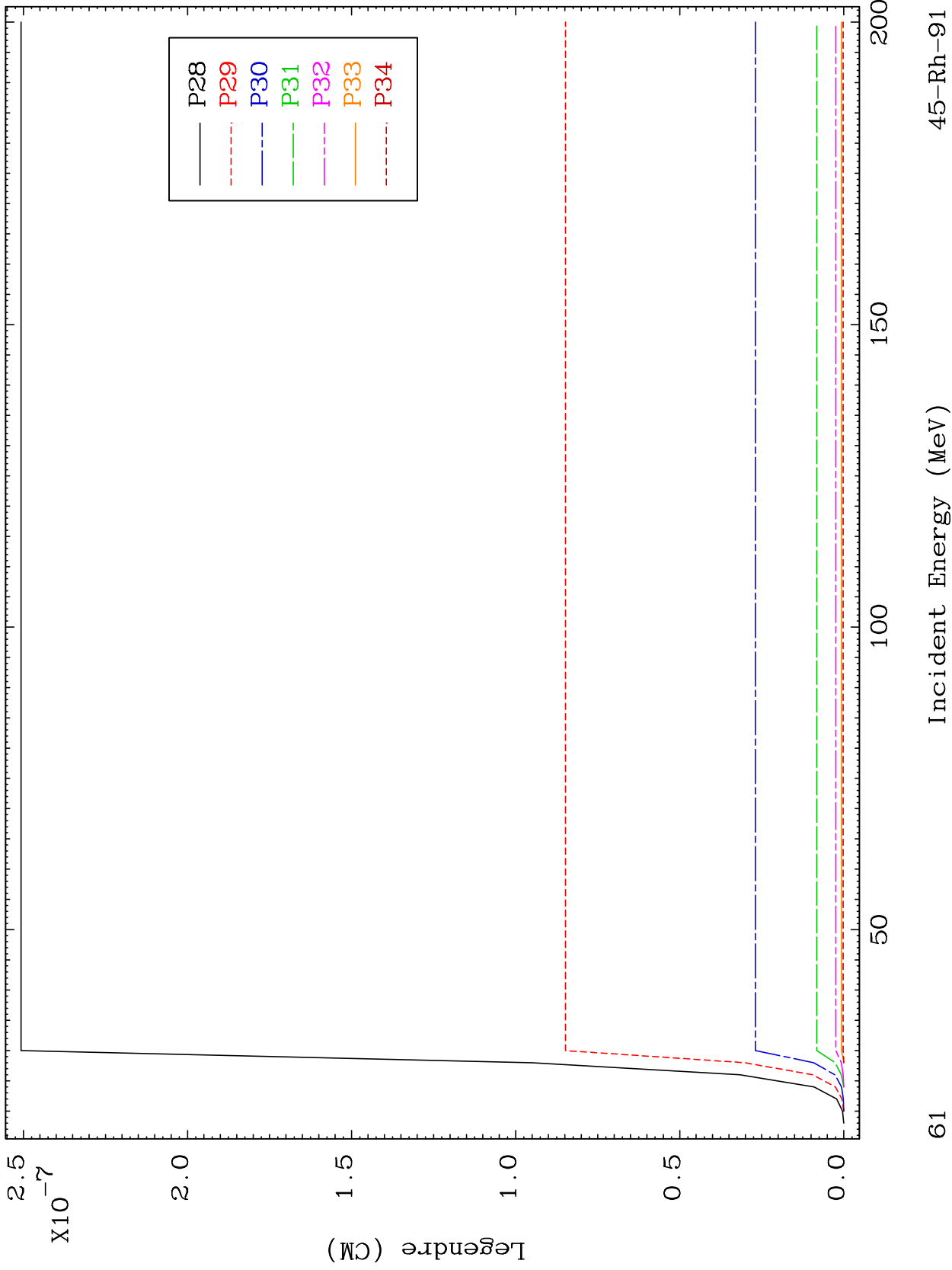




MAT 4489

3.114 MeV (n, n') Level  
Legendre Coefficients

45-Rh-91

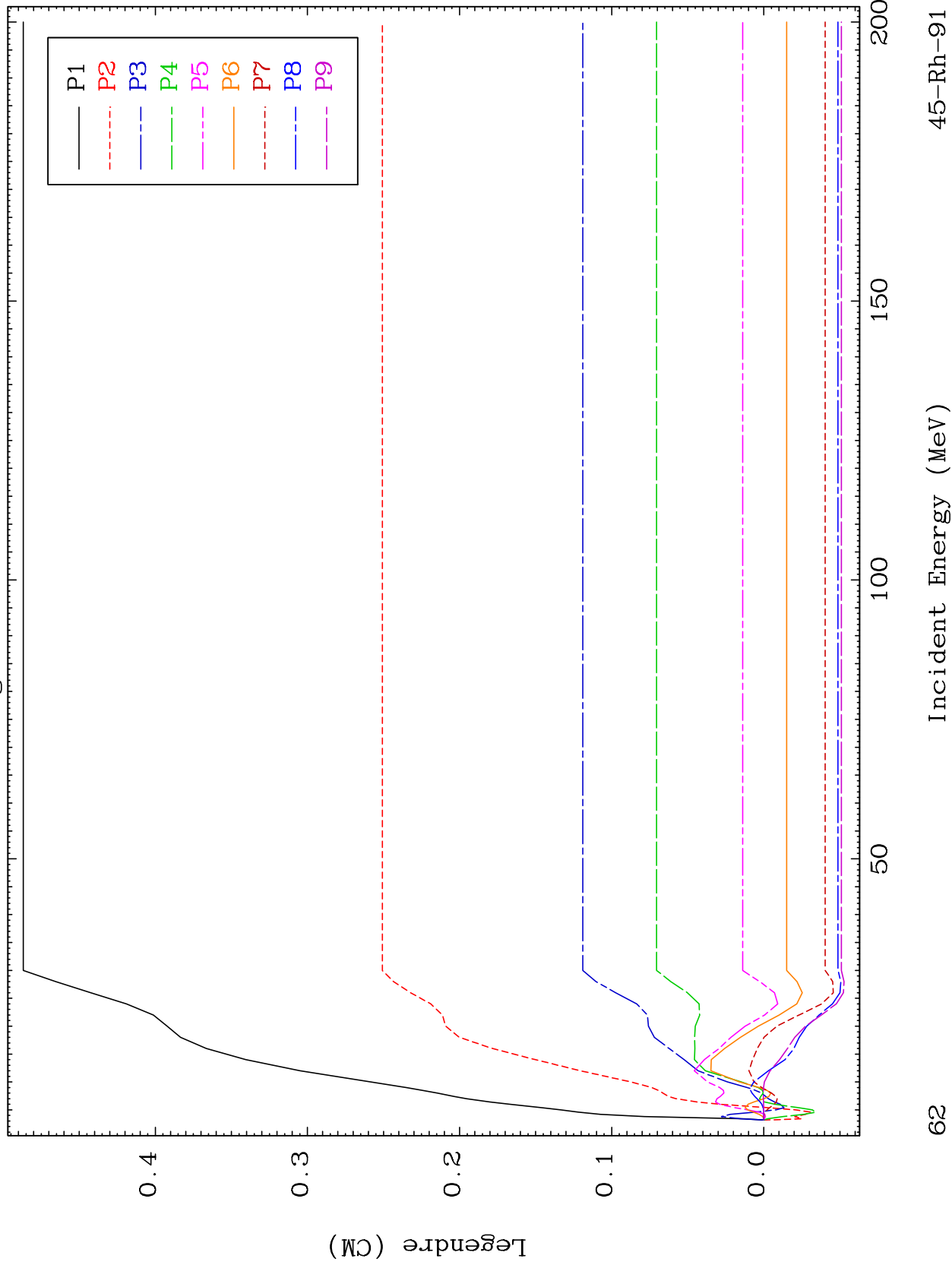


61

MAT 4489

3.134 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91

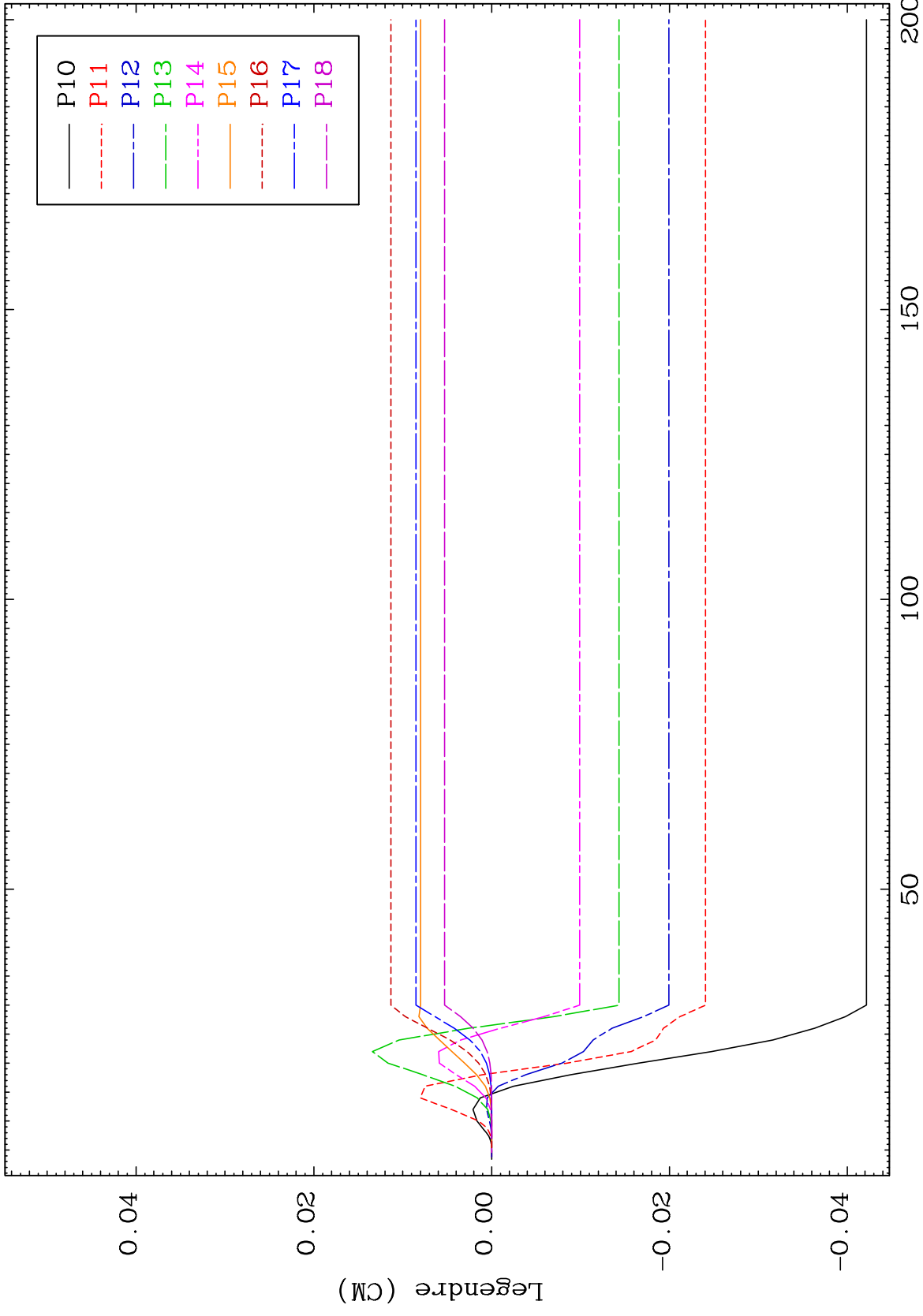


62

MAT 4489

3.134 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



63

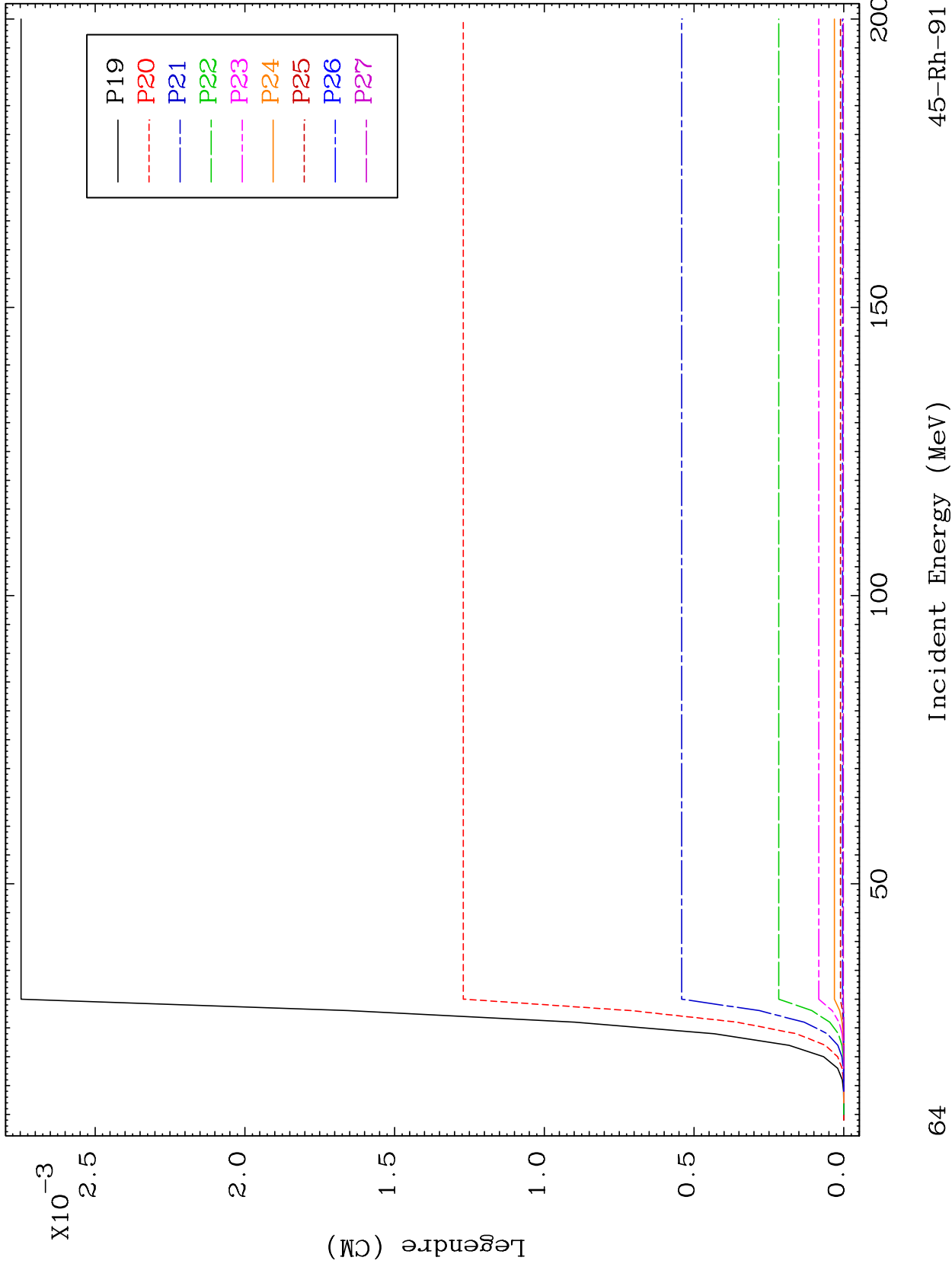
Incident Energy (MeV)

45-Rh-91

MAT 4489

3.134 MeV (n,n') Level  
Legendre Coefficients

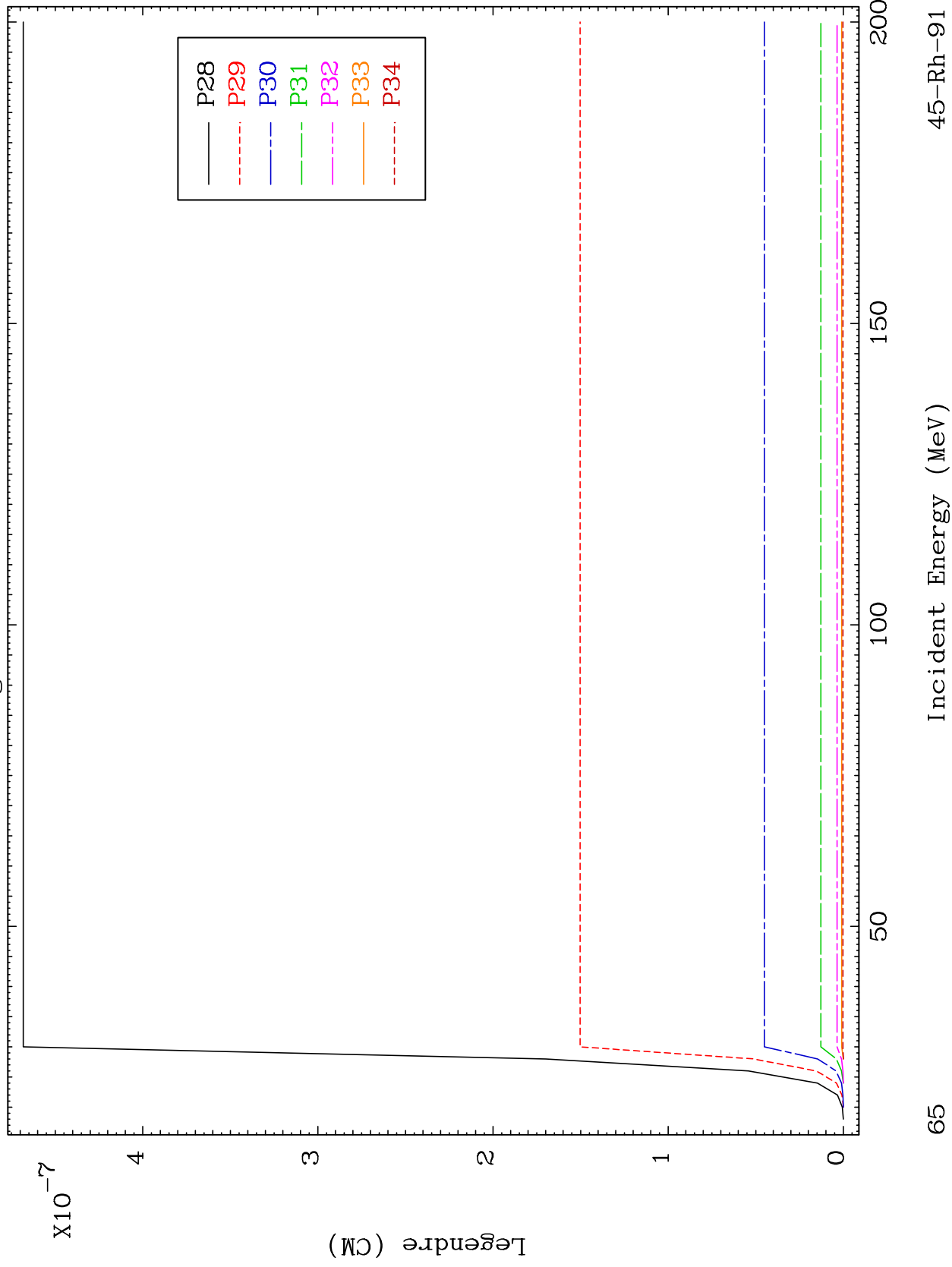
45-Rh-91

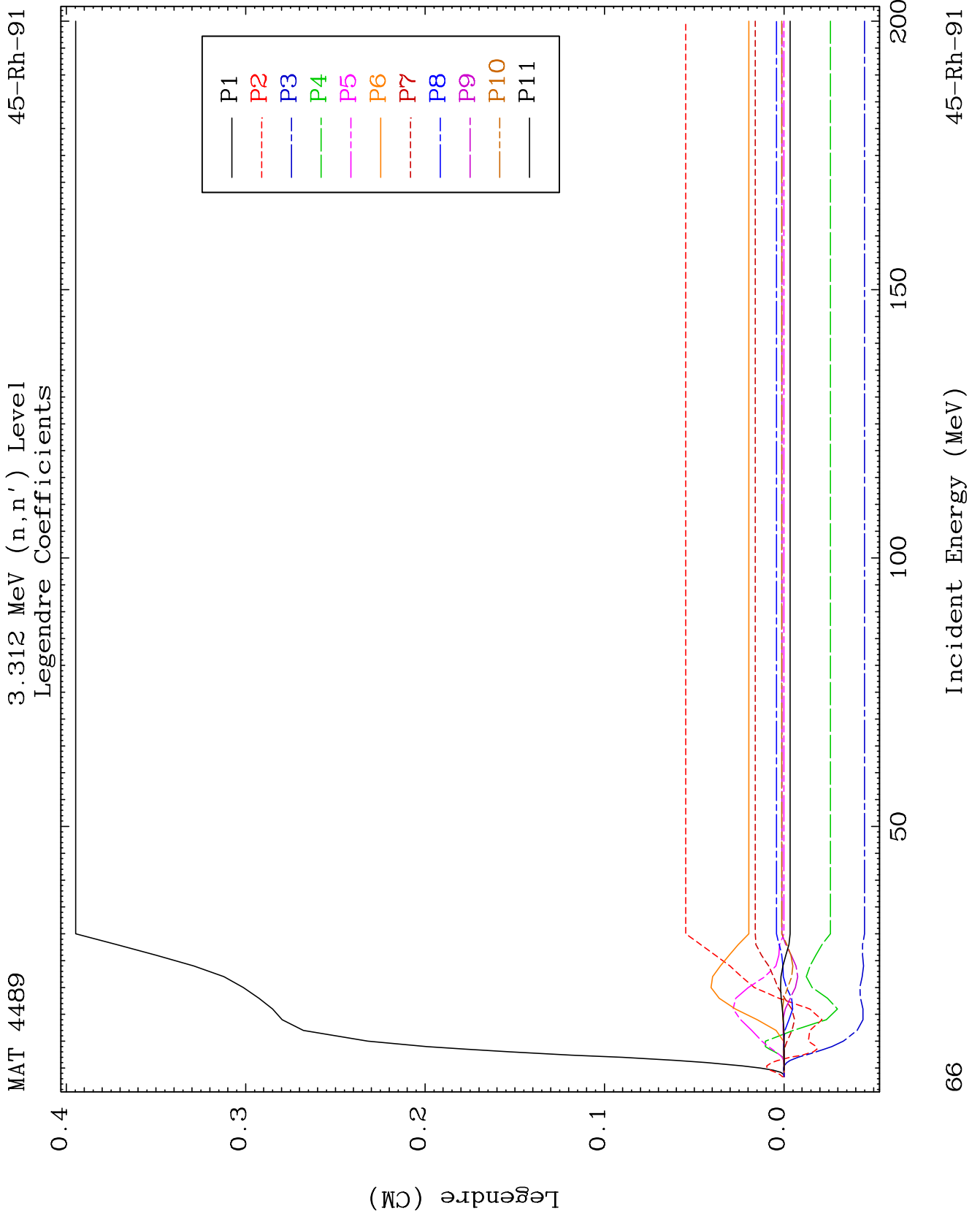


MAT 4489

3.134 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91

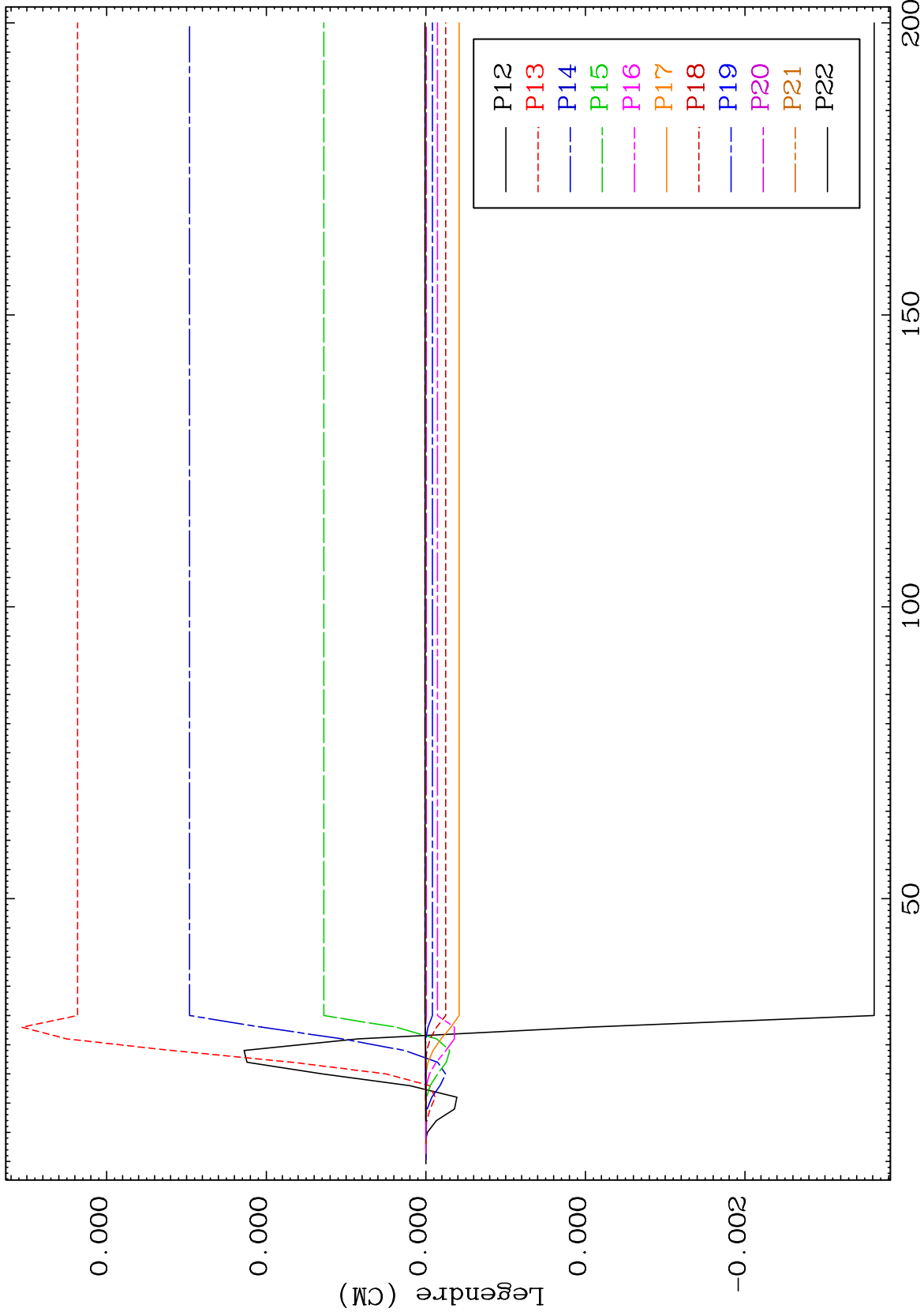




MAT 4489

3.312 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



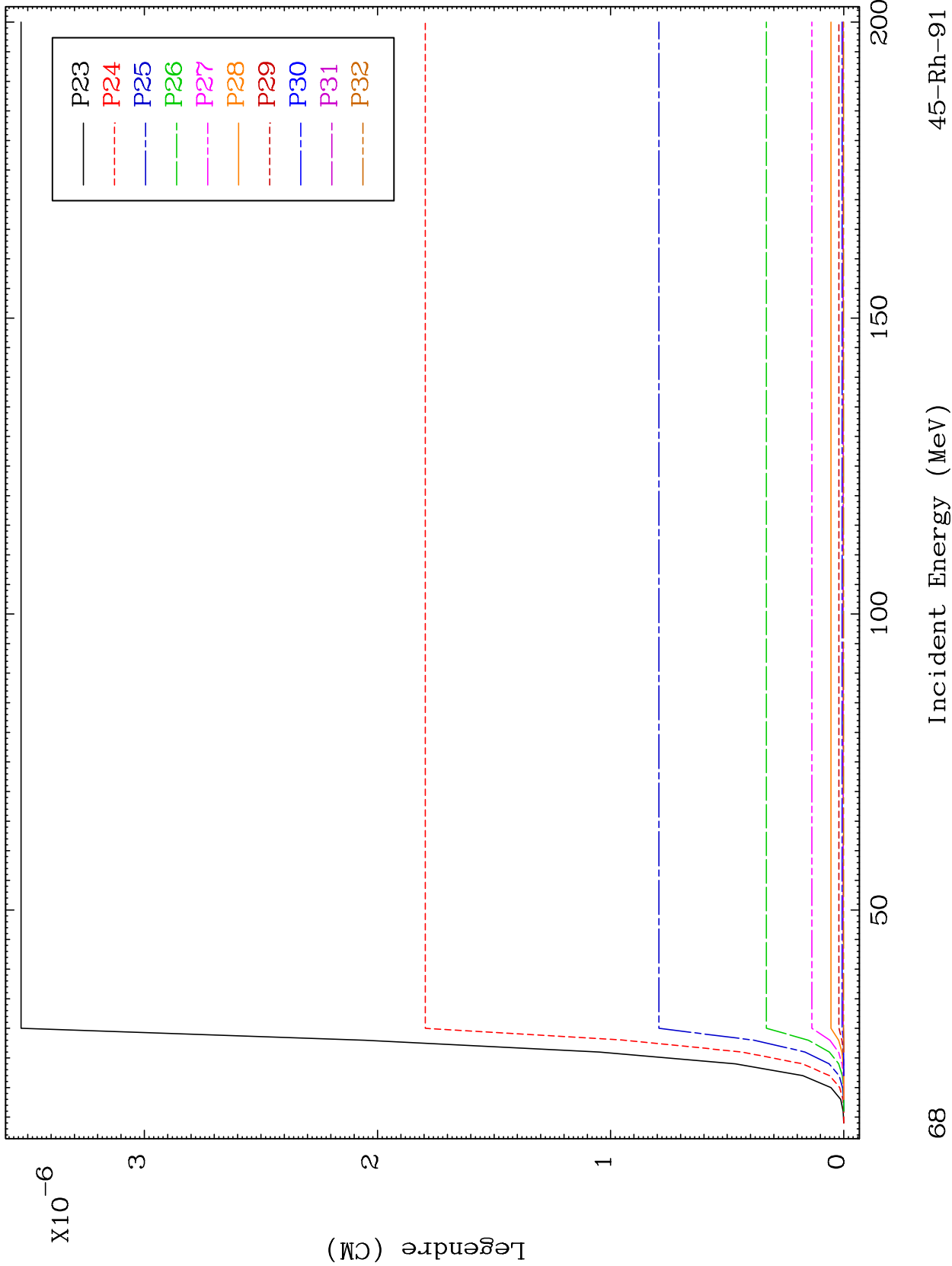
67

45-Rh-91

MAT 4489

3.312 MeV (n,n') Level  
Legendre Coefficients

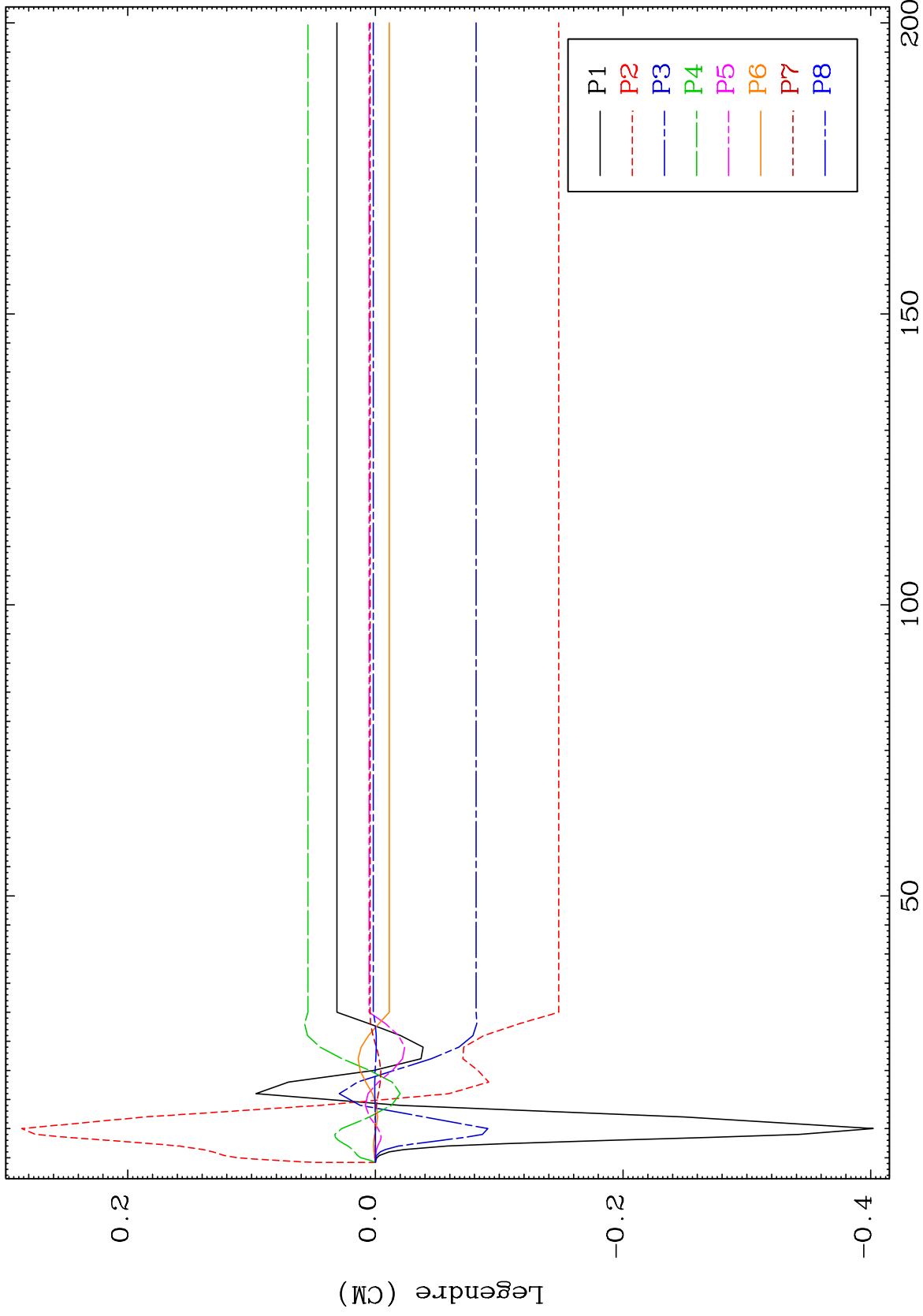
45-Rh-91



68

Incident Energy (MeV)

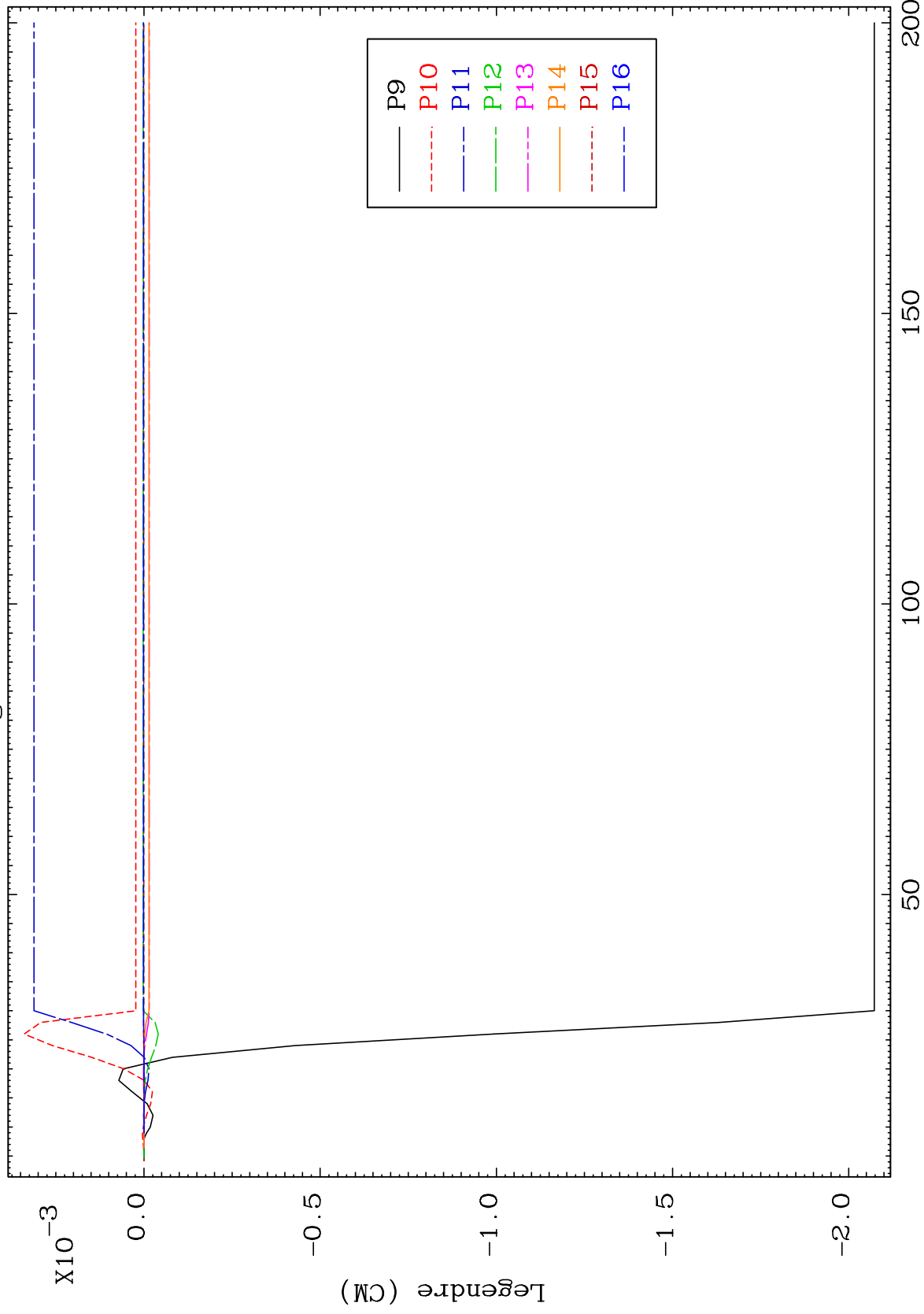
45-Rh-91



MAT 4489

4.136 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



70

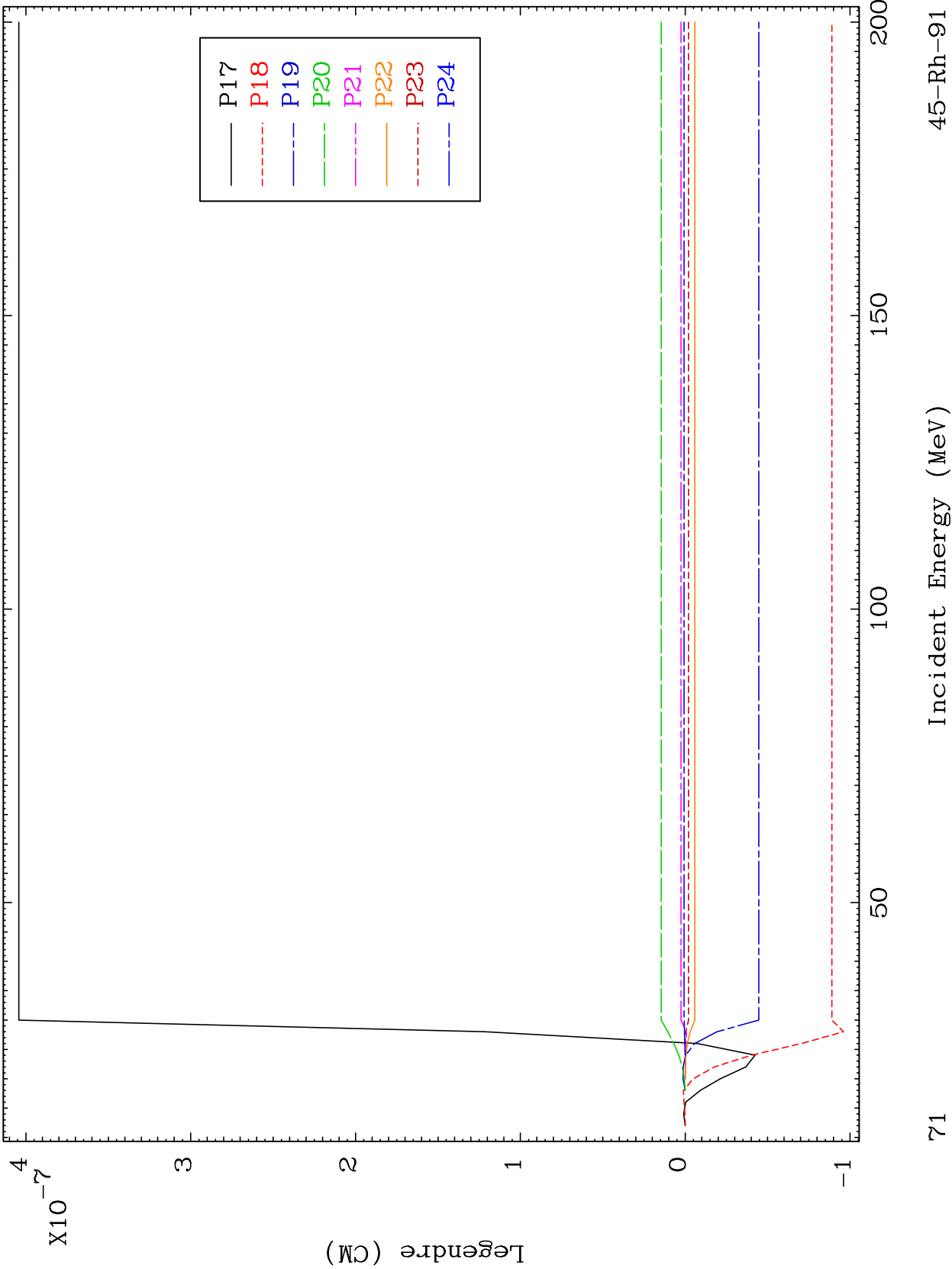
Incident Energy (MeV)

45-Rh-91

MAT 4489

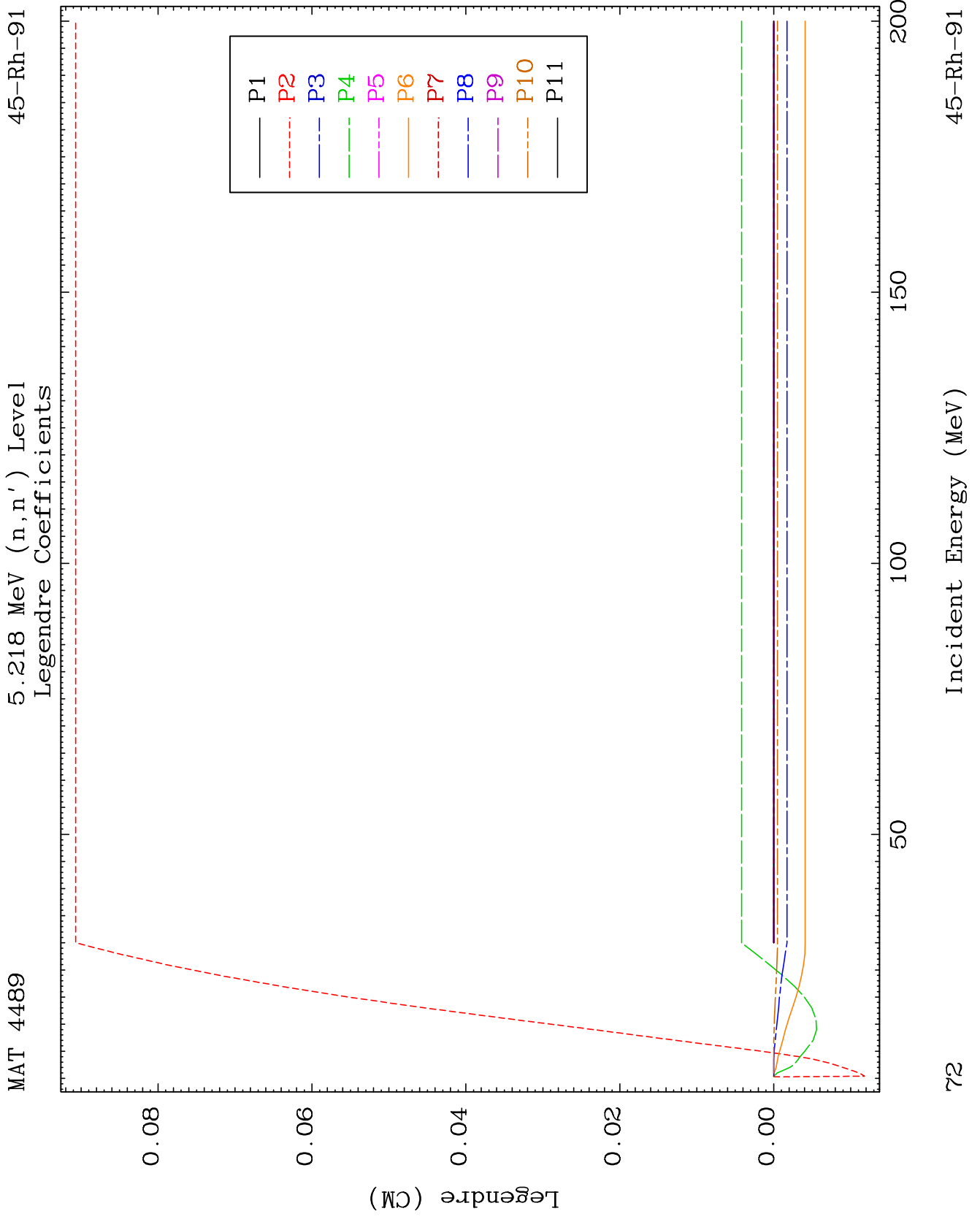
4.136 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



71

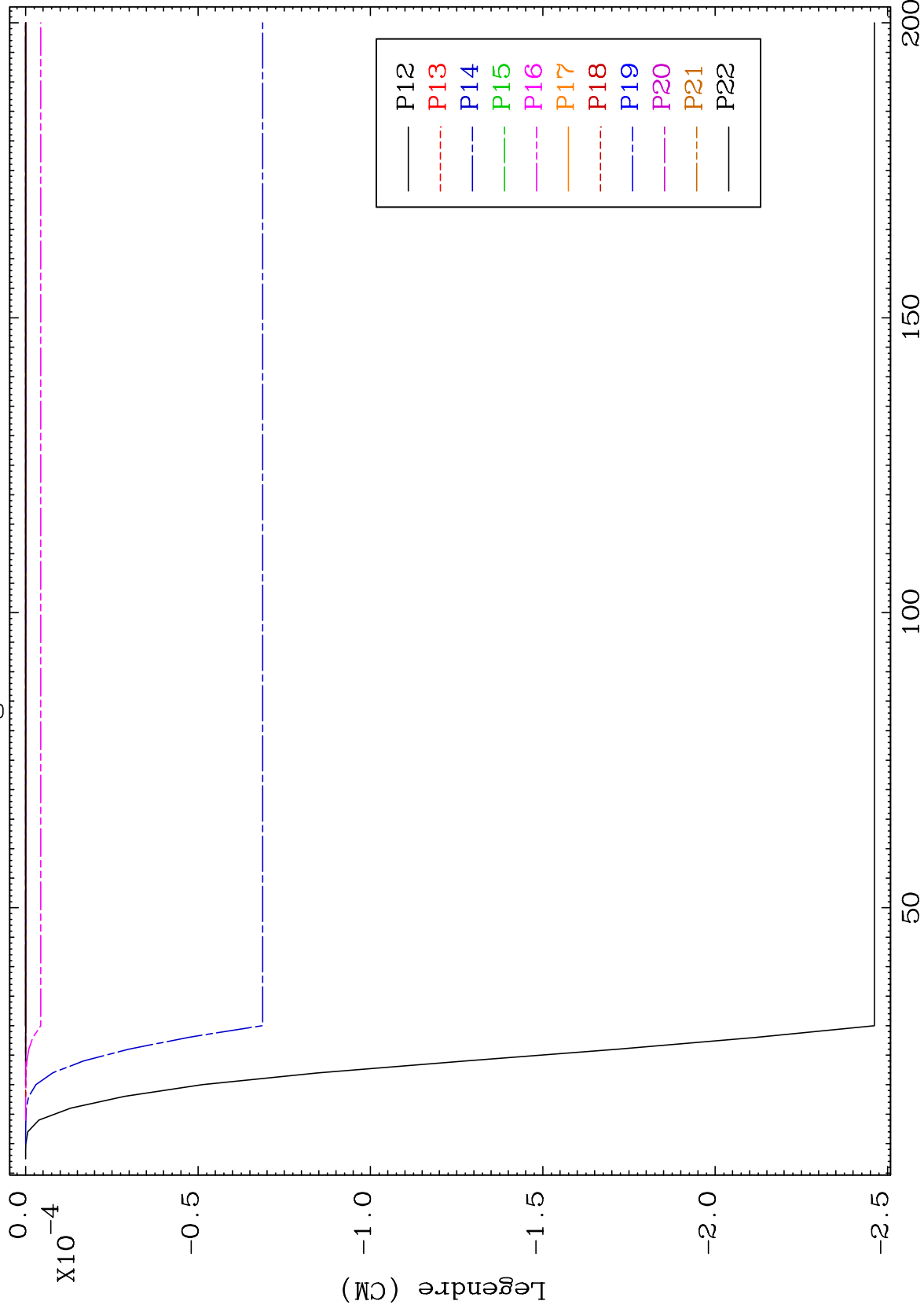
45-Rh-91



MAT 4489

5.218 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



73

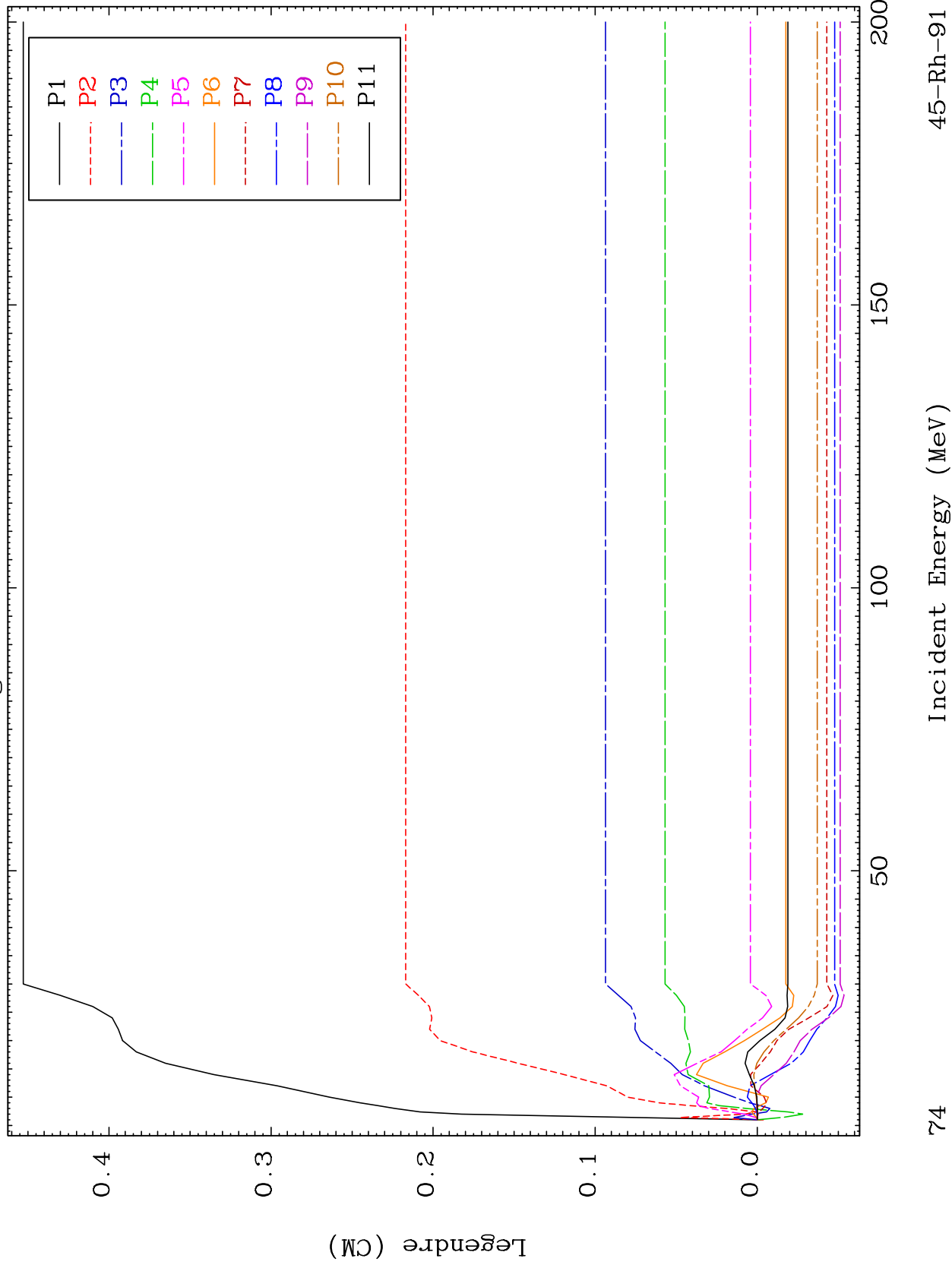
Incident Energy (MeV)

45-Rh-91

MAT 4489

5.884 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



74

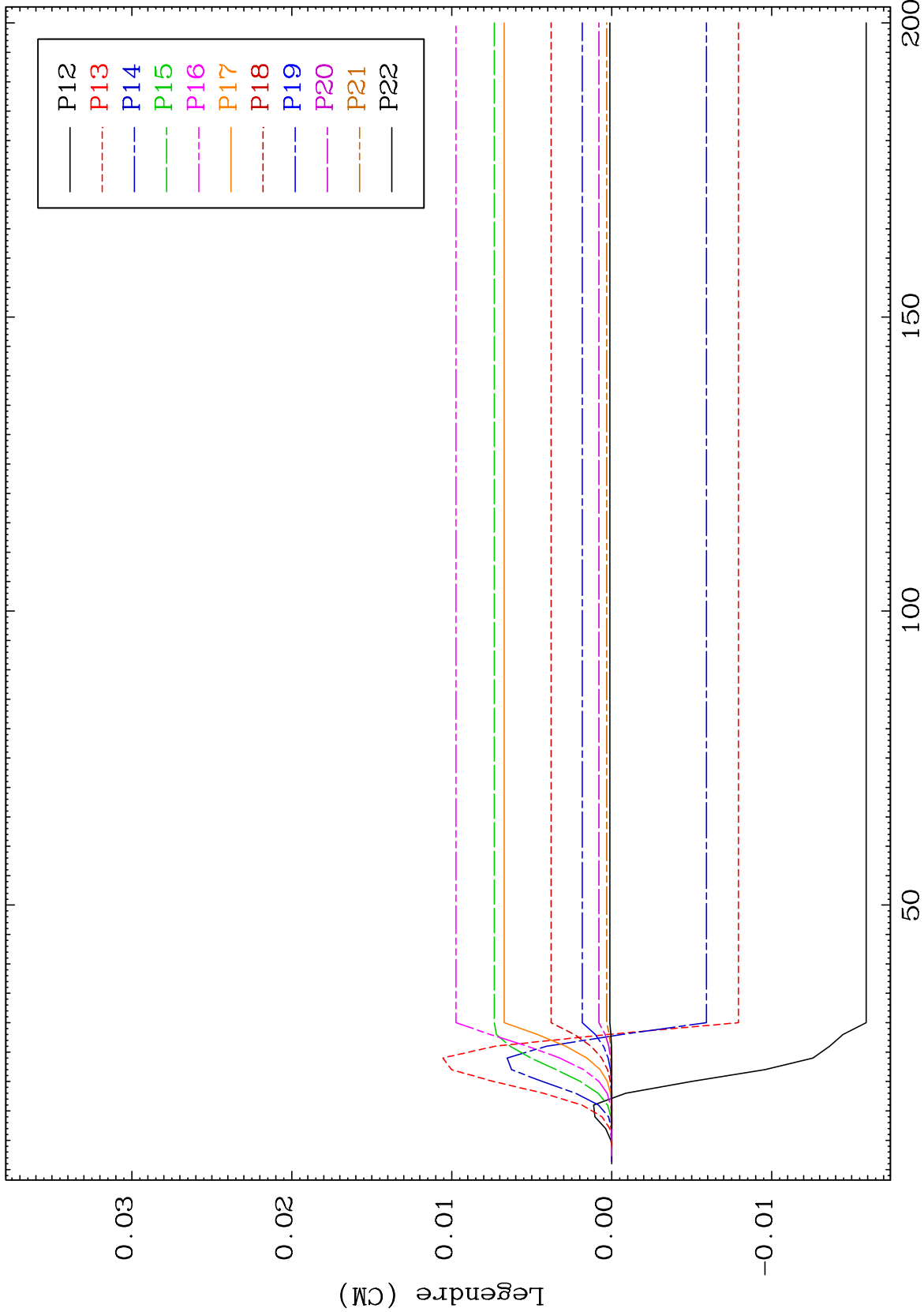
Incident Energy (MeV)

45-Rh-91

MAT 4489

5.884 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



75

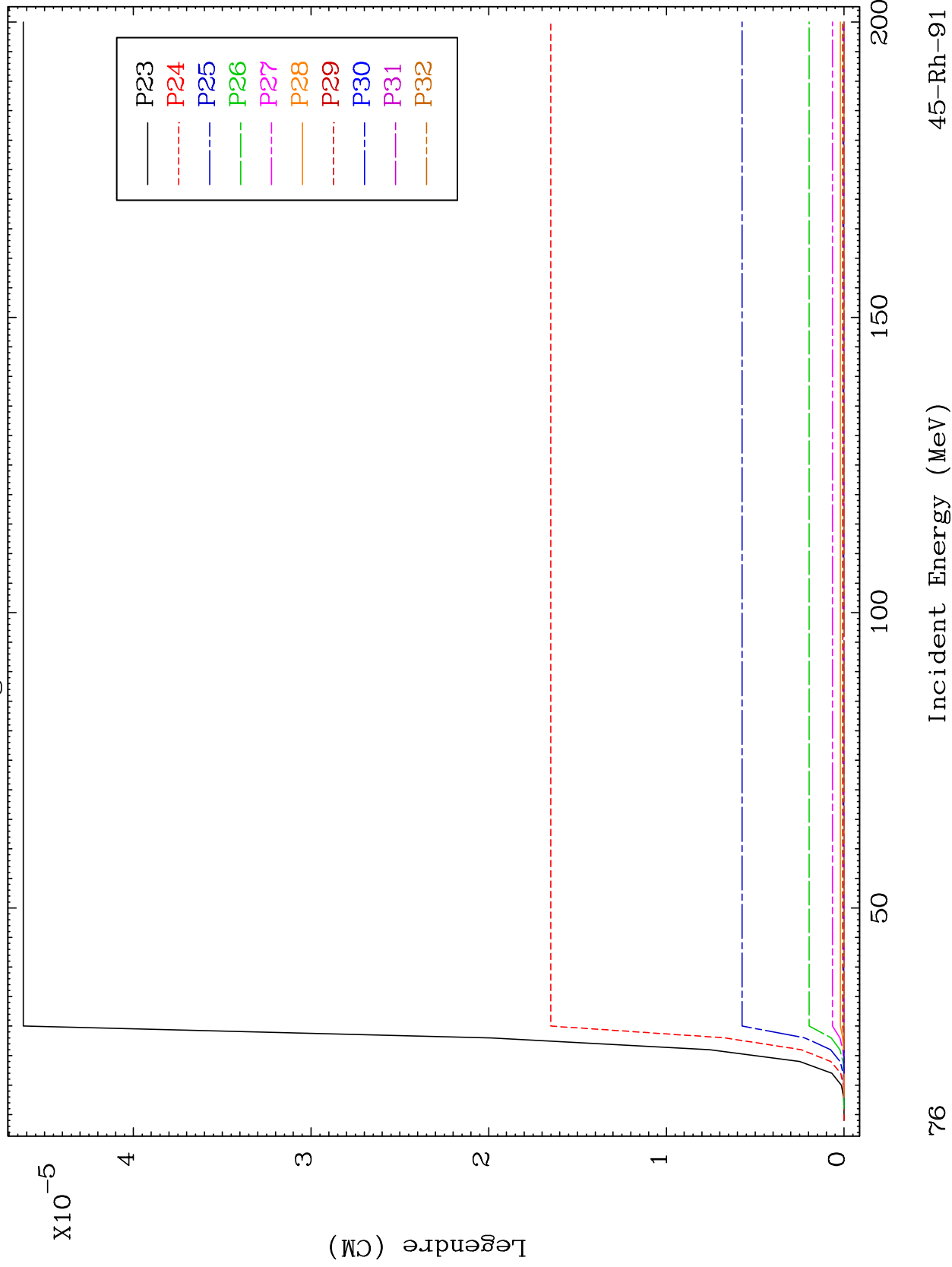
Incident Energy (MeV)

45-Rh-91

MAT 4489

5.884 MeV (n,n') Level  
Legendre Coefficients

45-Rh-91



76

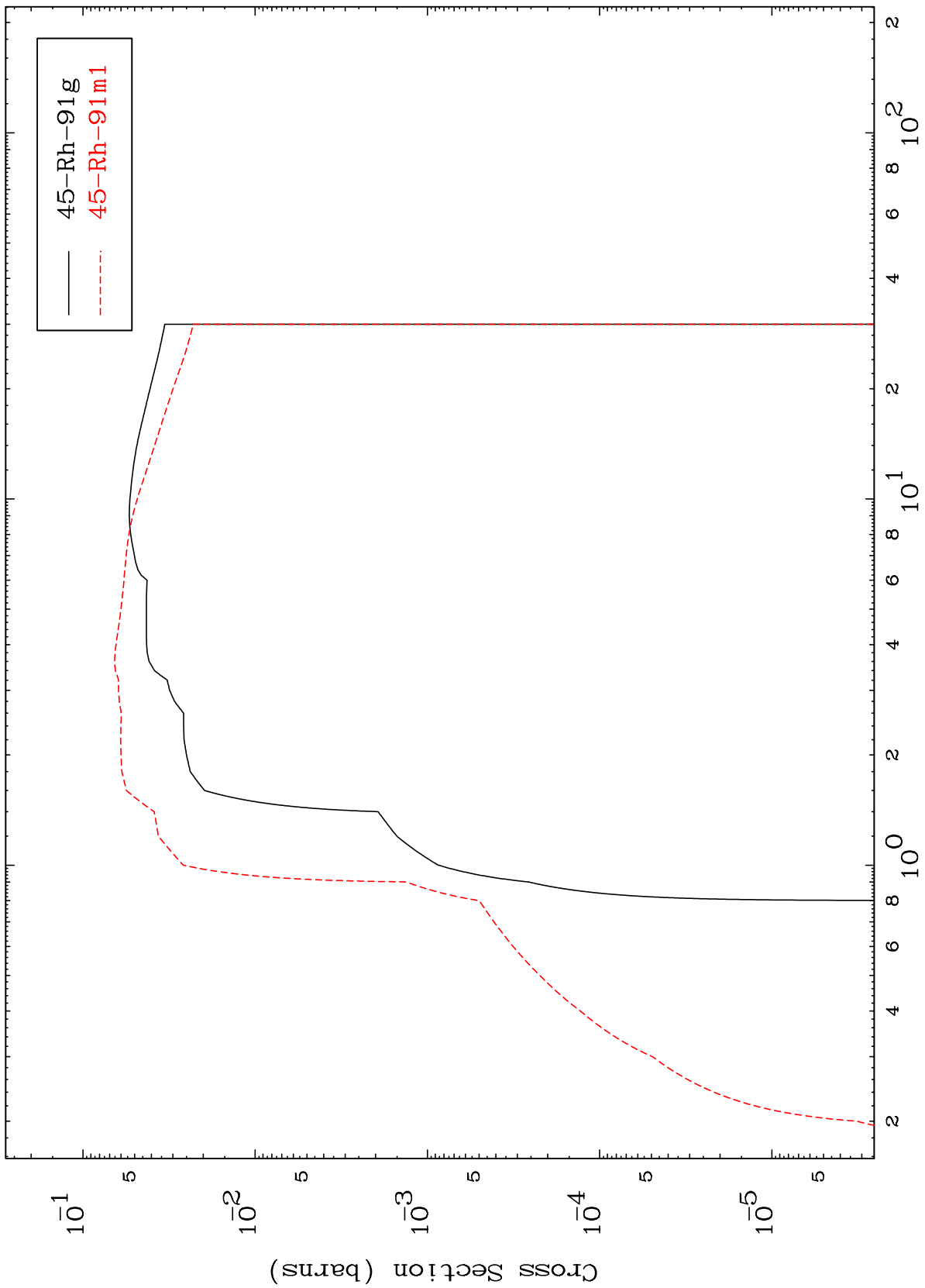
Incident Energy (MeV)

45-Rh-91

MAT 4489

45-Rh-91

Inelastic  
Radionuclide Production Cross Section



77

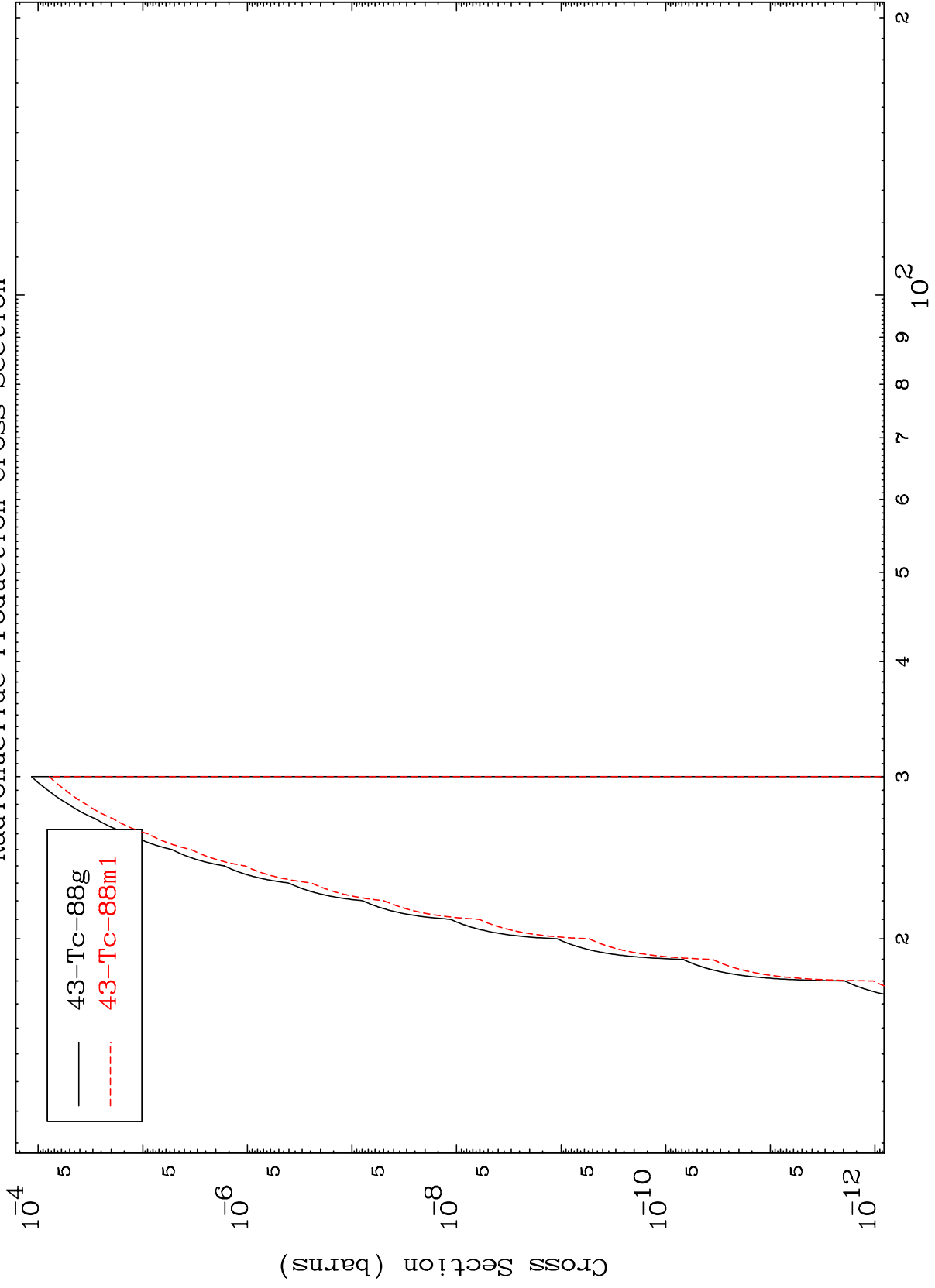
45-Rh-91

MAT 4489

(n,n') He-3

45-Rh-91

Radionuclide Production Cross Section



78

Incident Energy (MeV)

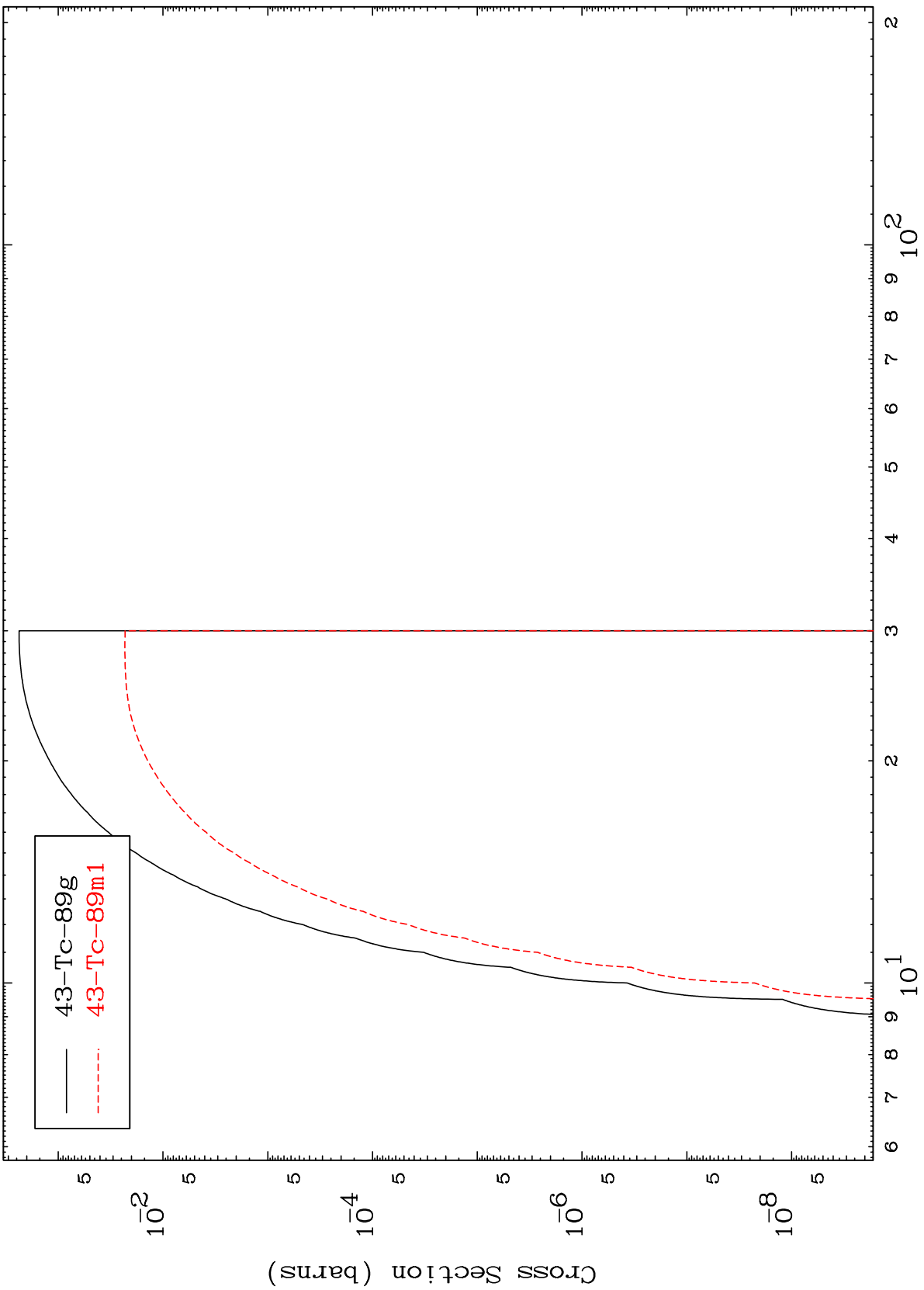
45-Rh-91

MAT 4489

(n,2n) p

45-Rh-91

Radionuclide Production Cross Section



43-Tc-89g  
43-Tc-89m1

79

Incident Energy (MeV)

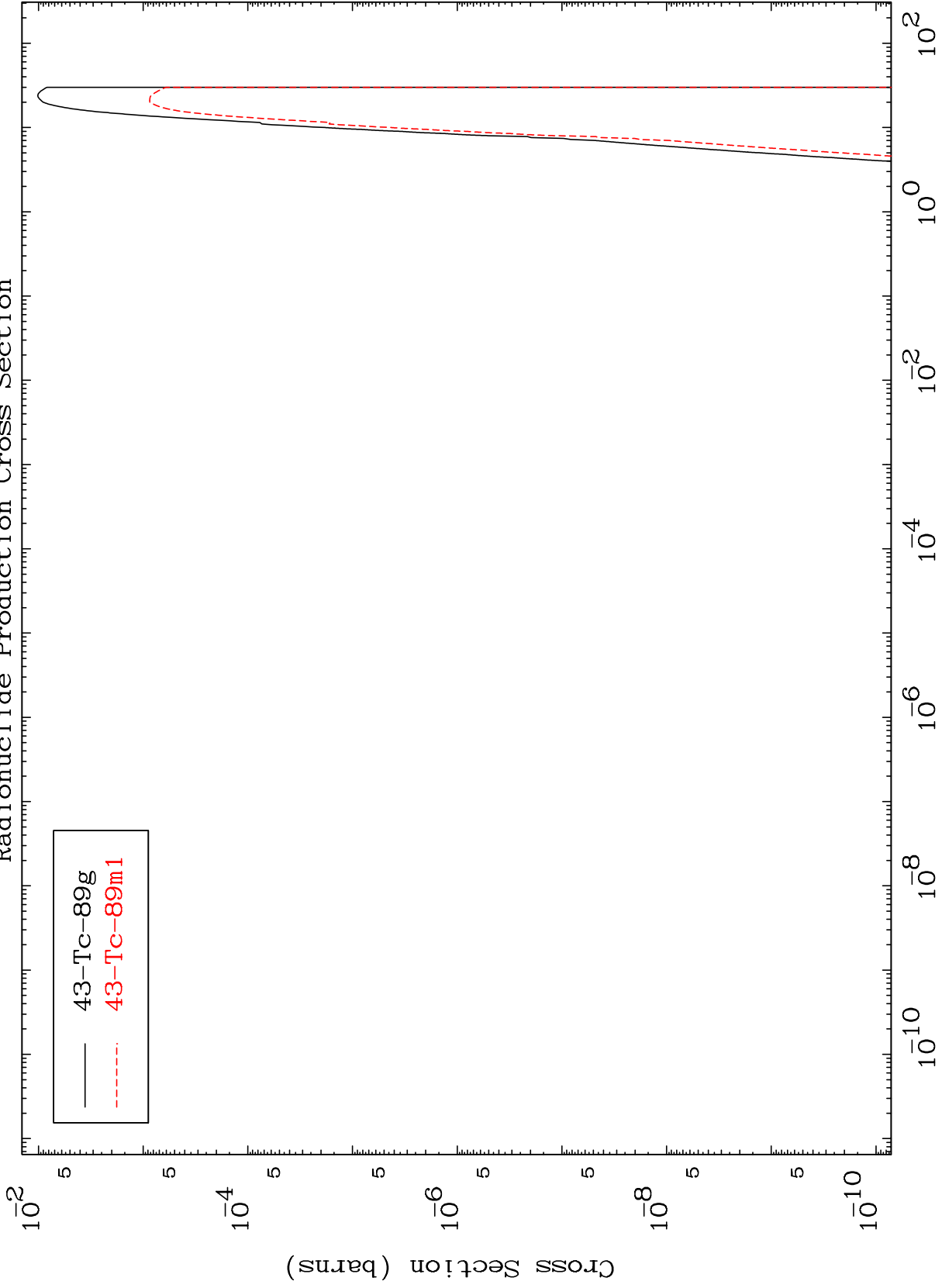
45-Rh-91

MAT 4489

(n,He-3)

45-Rh-91

Radionuclide Production Cross Section



— 43-Tc-89g  
- - - 43-Tc-89m1

Incident Energy (MeV)

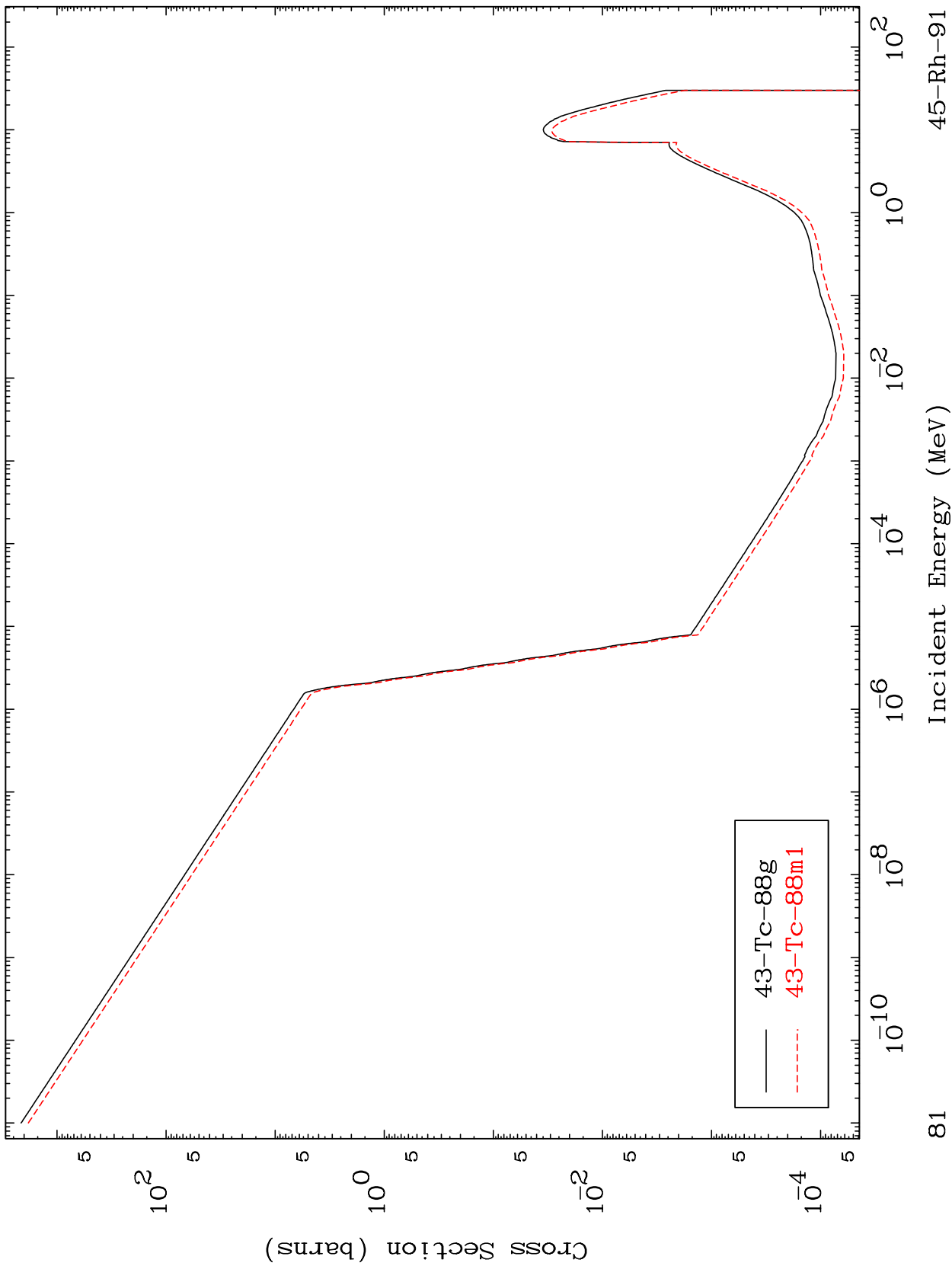
45-Rh-91

80

MAT 4489

45-Rh-91

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

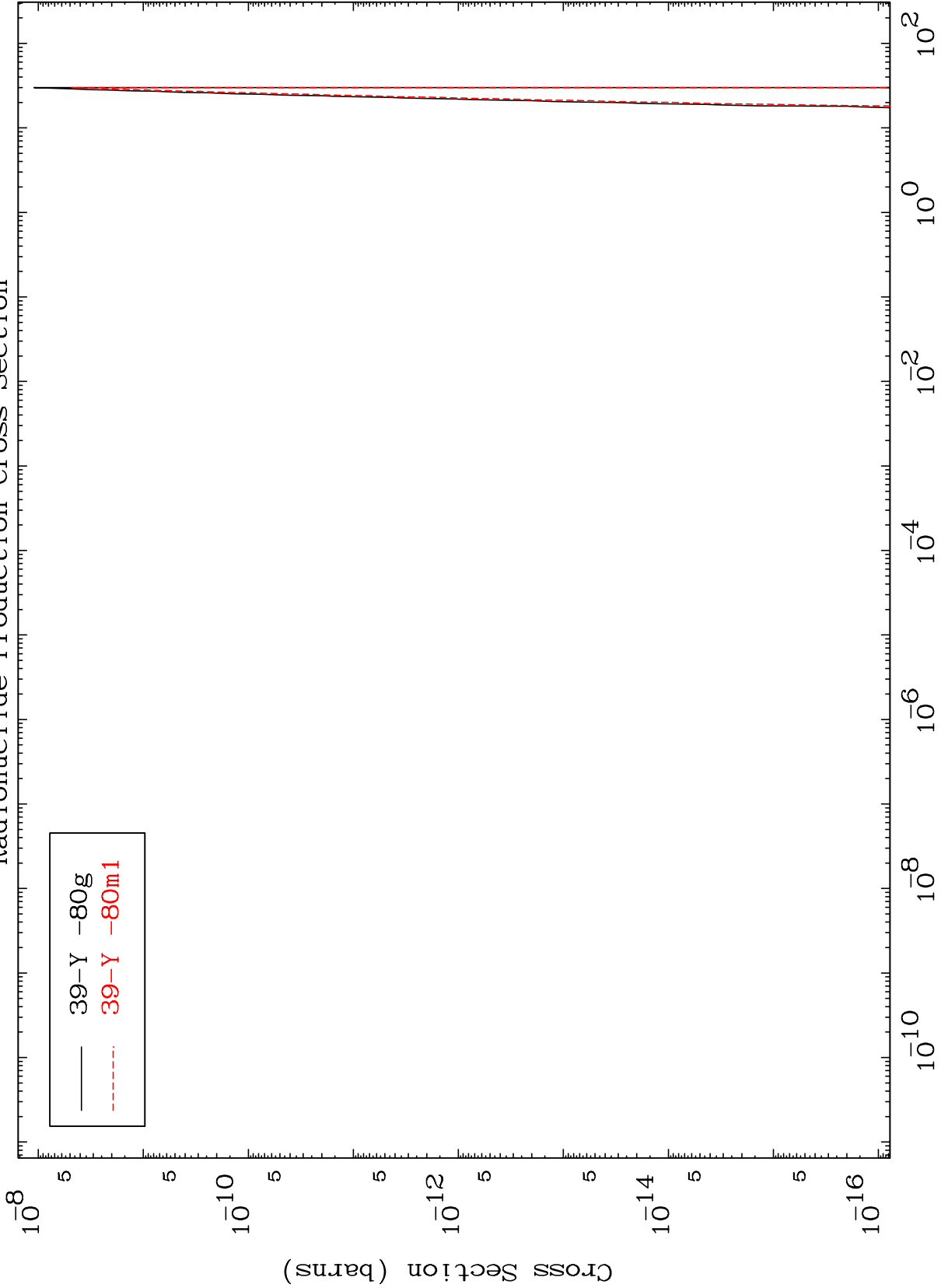


MAT 4489

(n,3α)

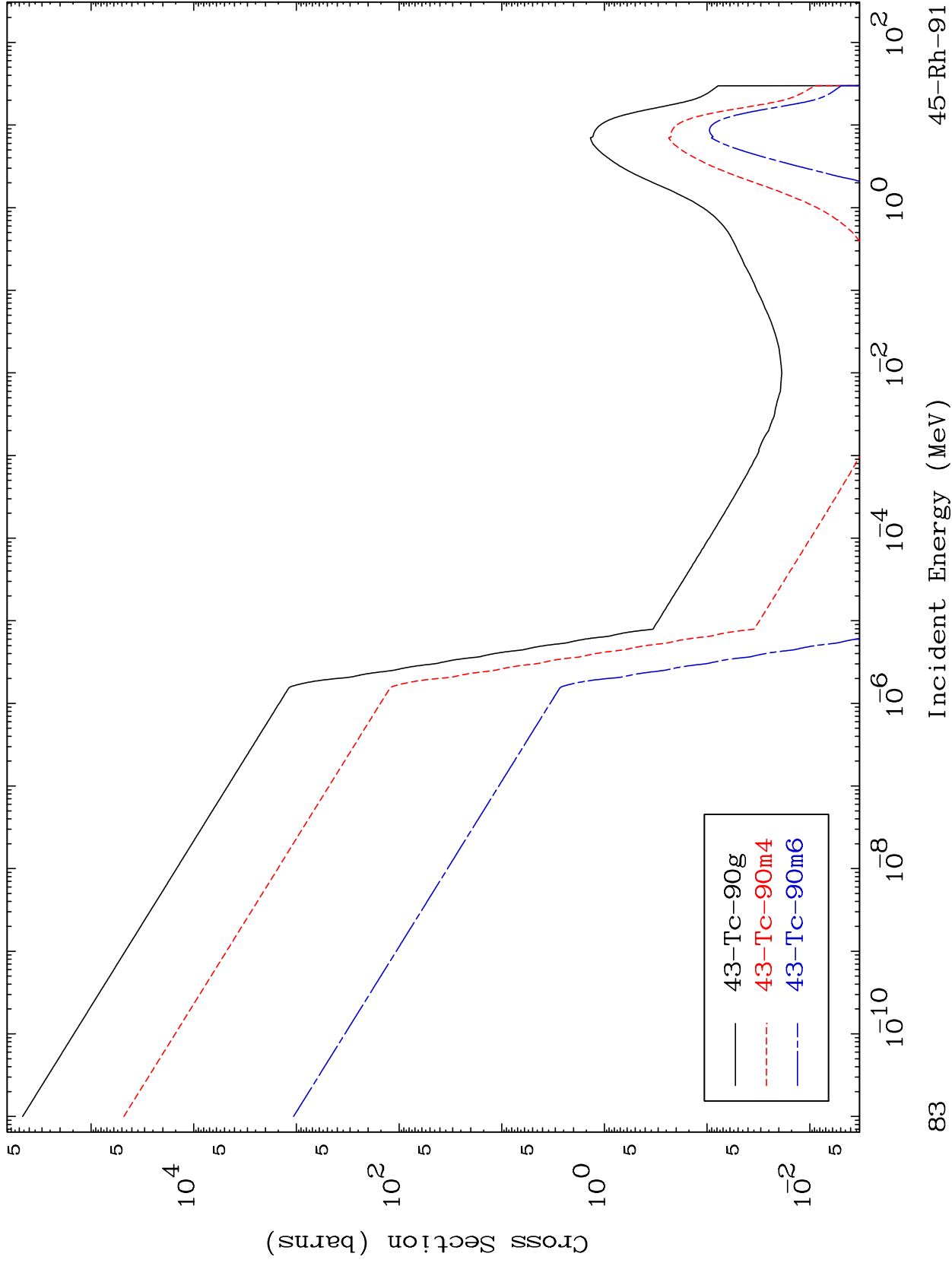
45-Rh-91

Radionuclide Production Cross Section



39-Y -80g  
39-Y -80m1

Radionuclide Production Cross Section

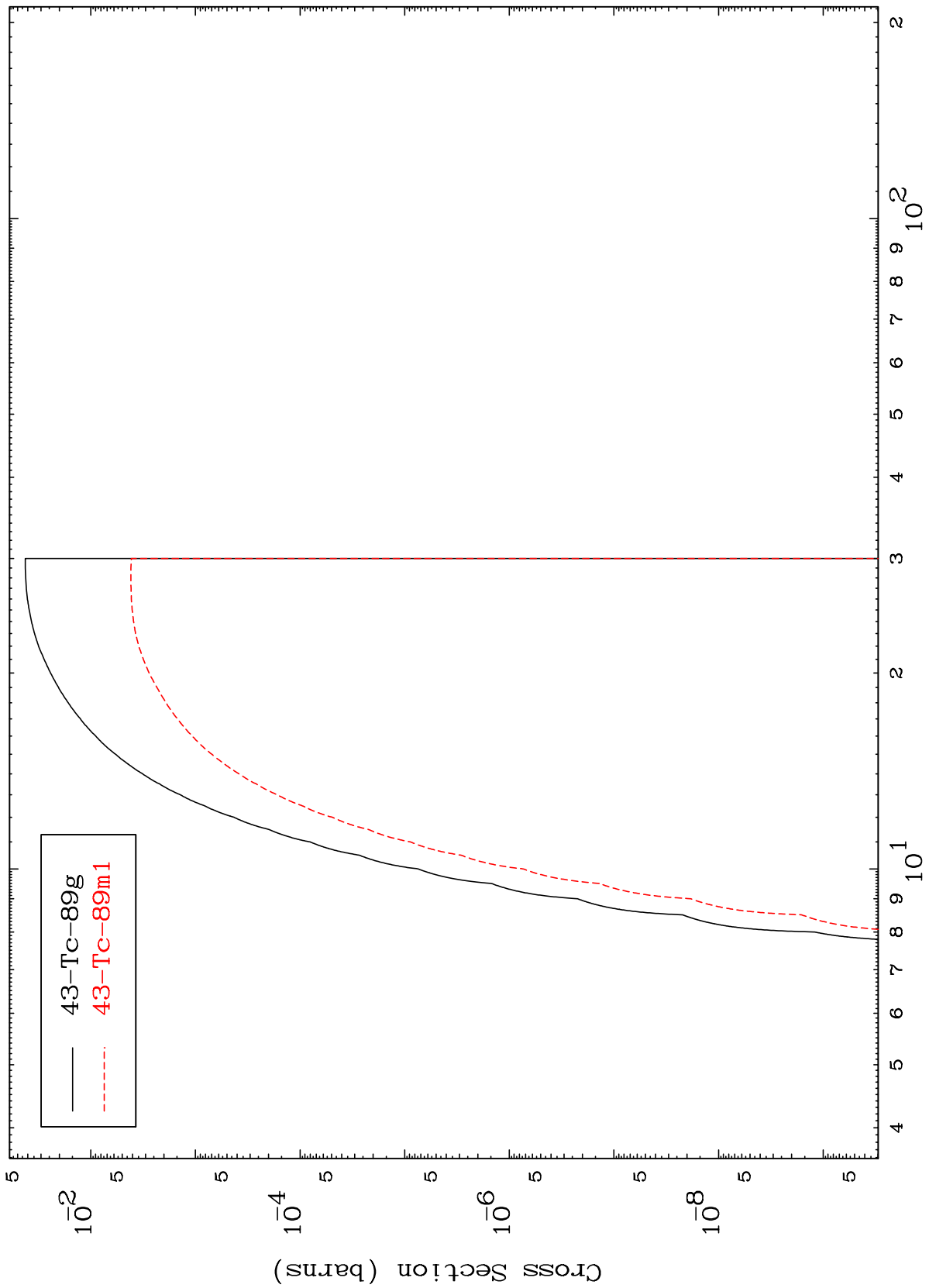


MAT 4489

(n,p) d

45-Rh-91

Radionuclide Production Cross Section



43-Tc-89g  
43-Tc-89m1

84

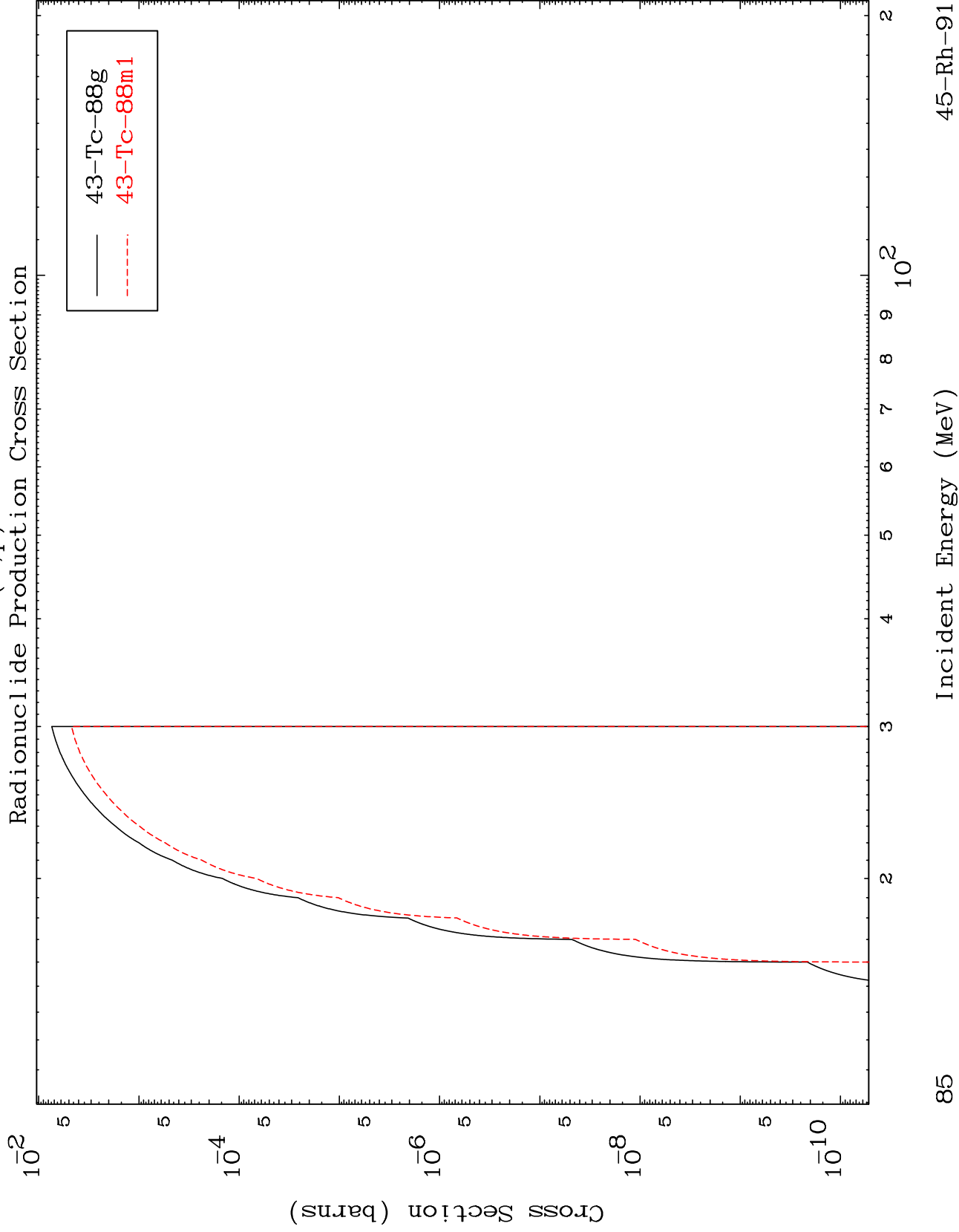
Incident Energy (MeV)

45-Rh-91

MAT 4489

(n,p) t

45-Rh-91



85