

Program EVALPLOT  
(Version 2015-2)

by

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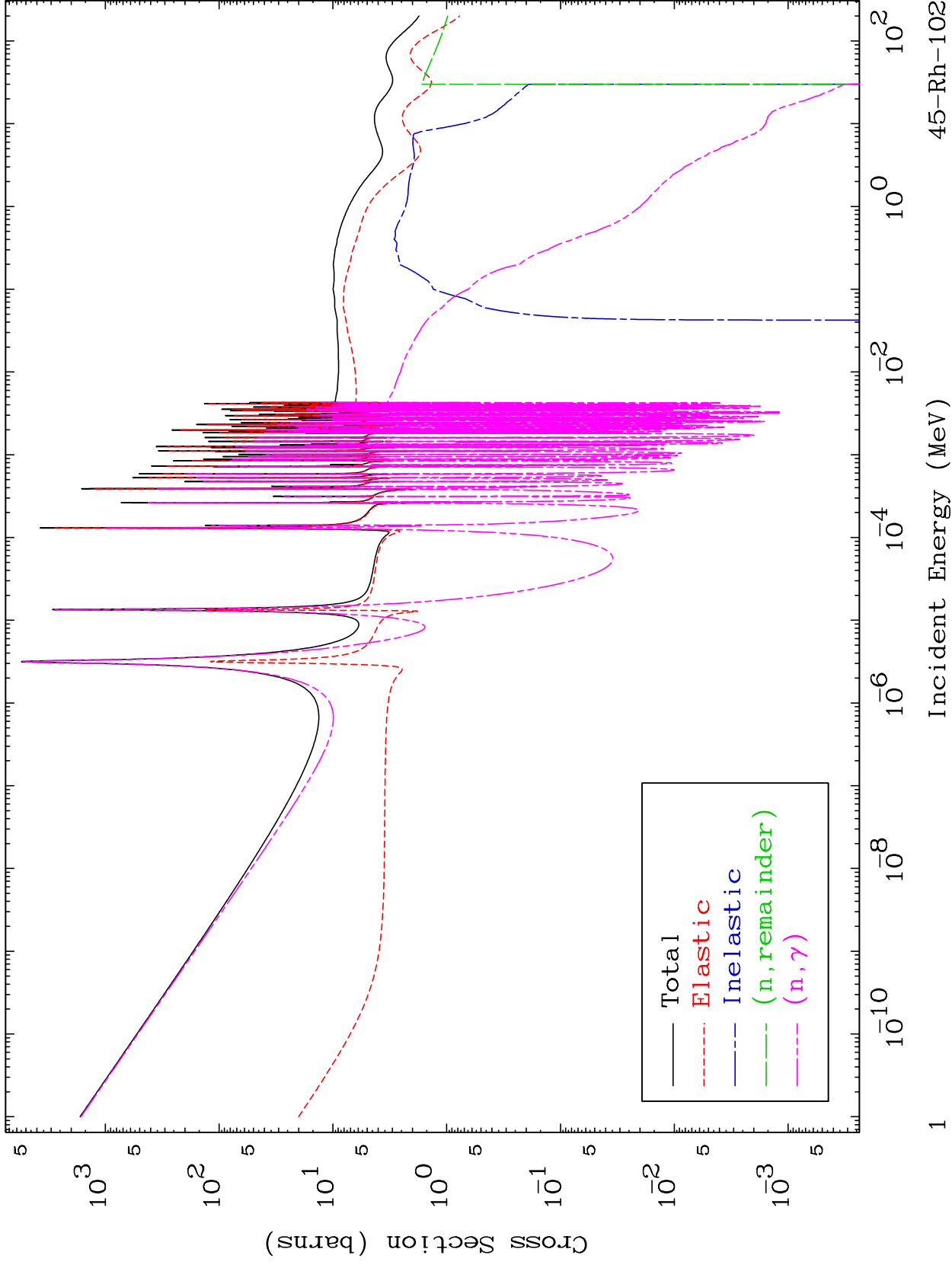
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 4522

Major  
293 Kelvin Cross Sections

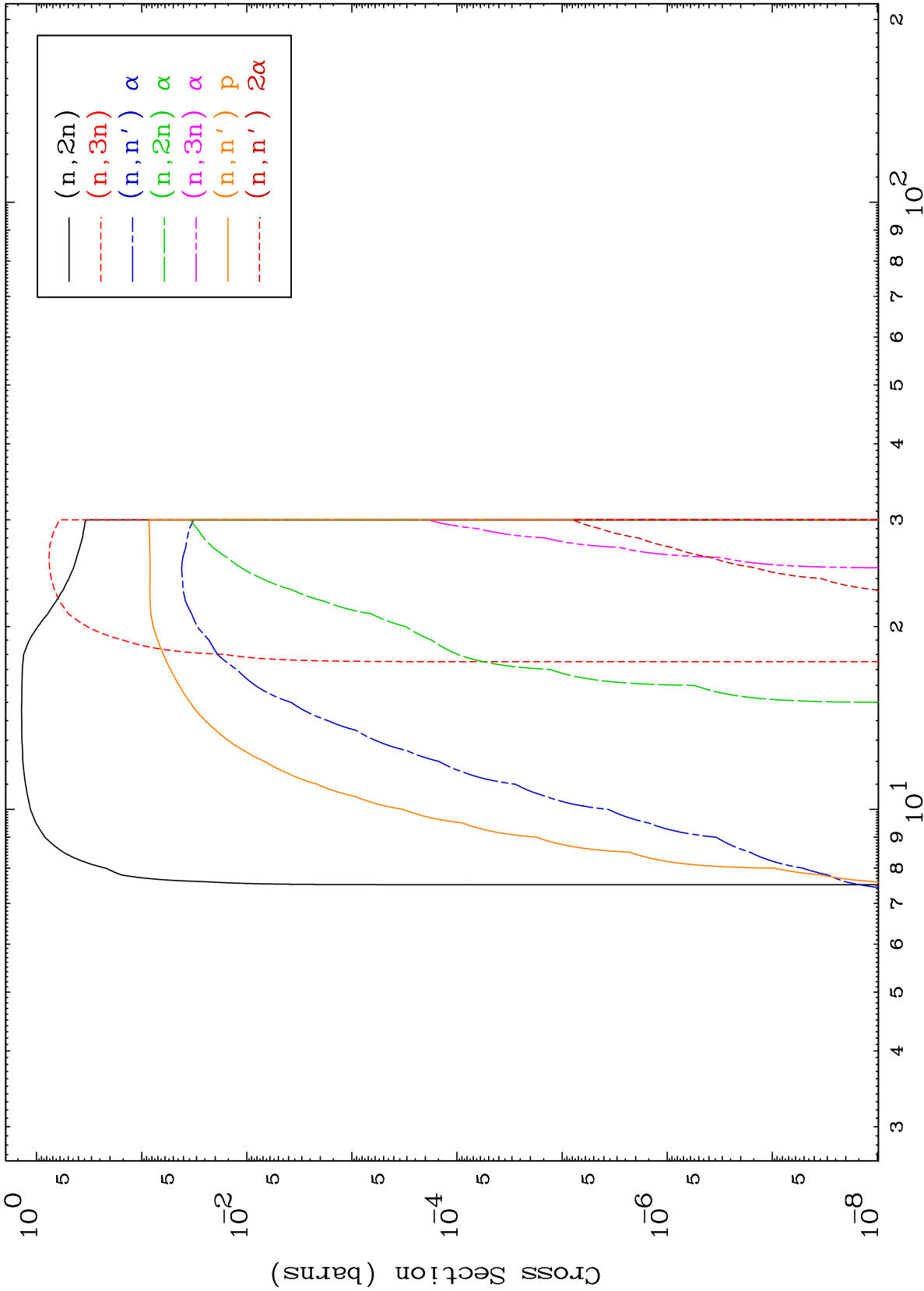
45-Rh-102



MAT 4522

Neutron Production  
293 Kelvin Cross Sections

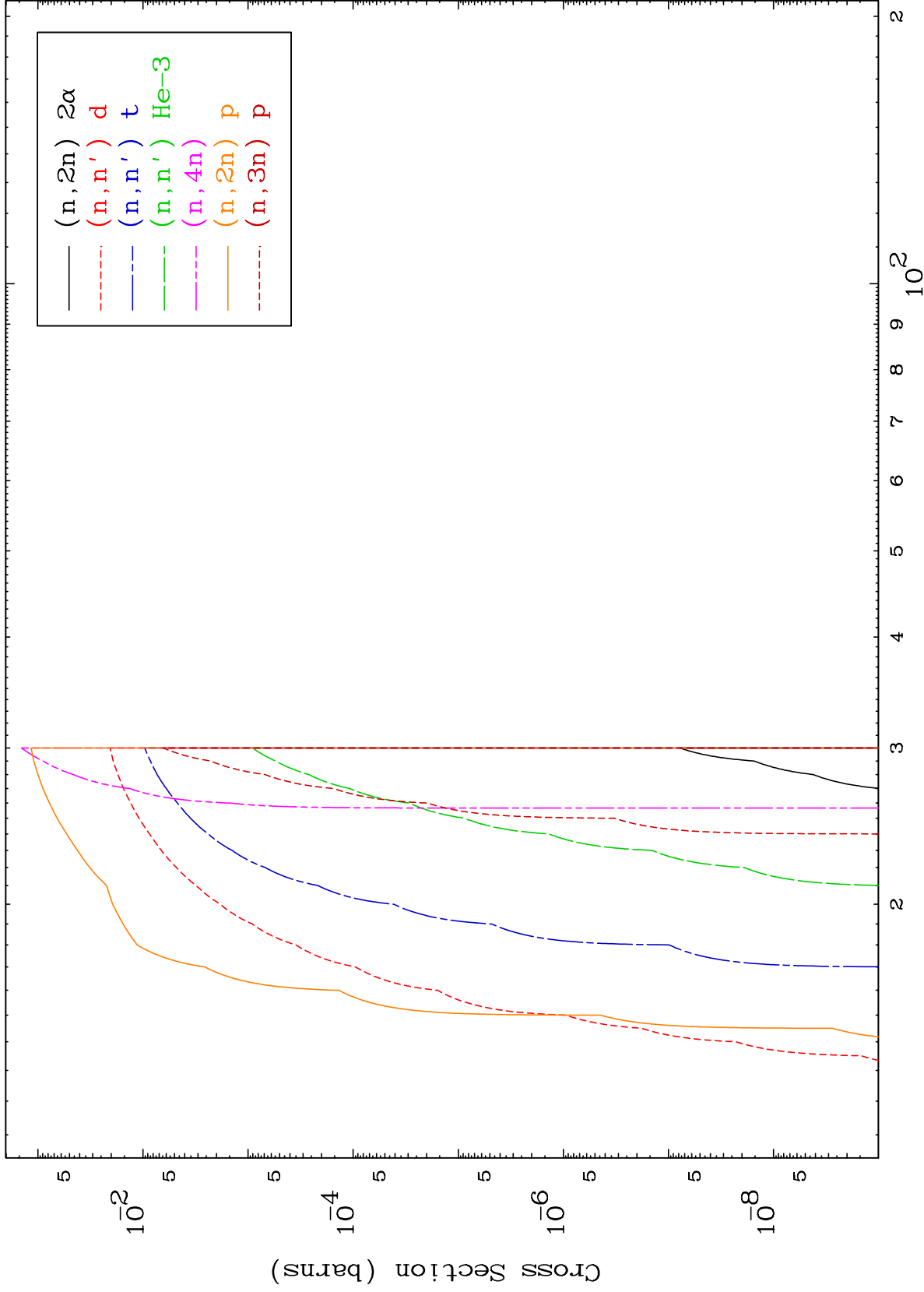
45-Rh-102

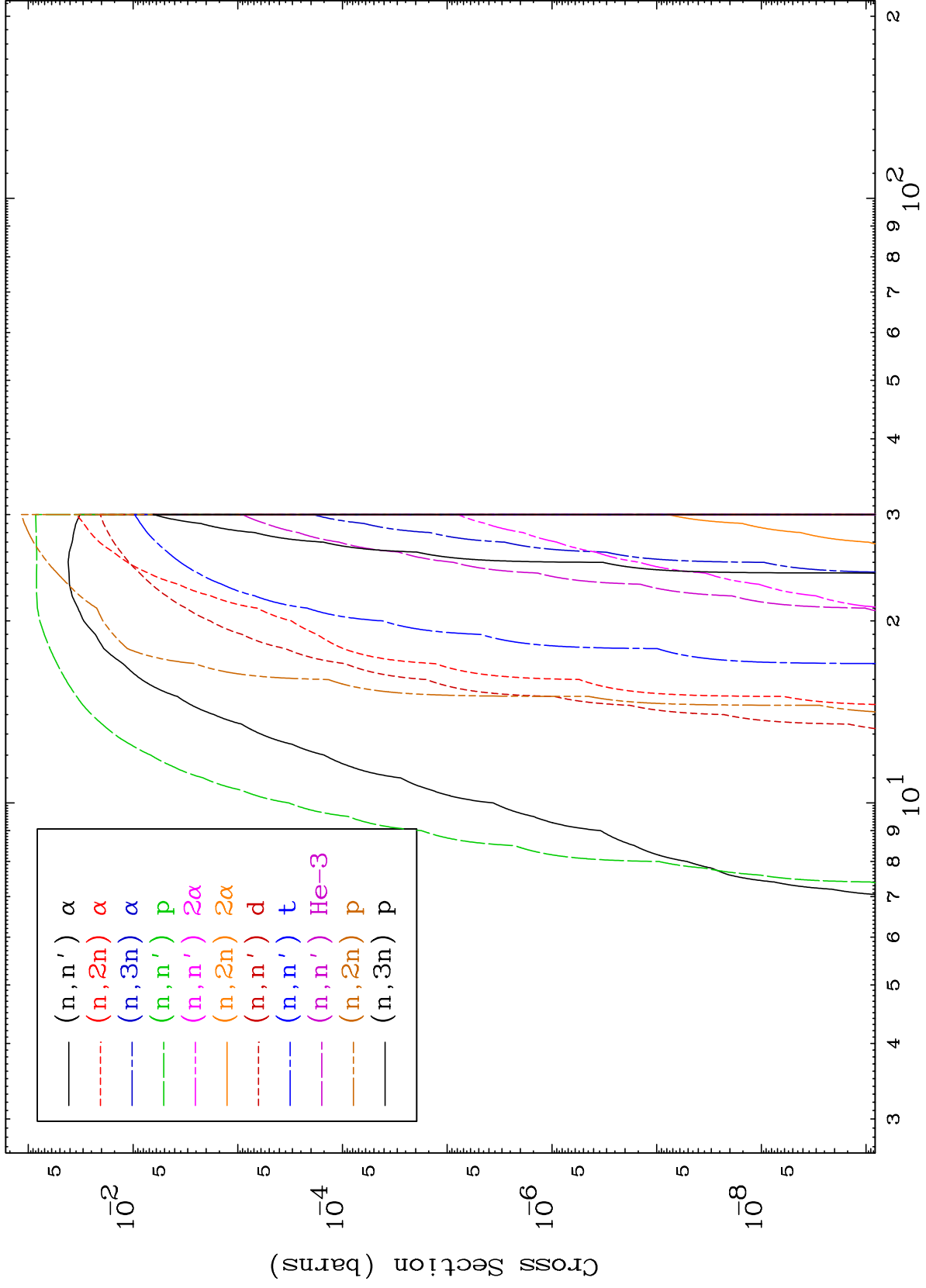


45-Rh-102

Incident Energy (MeV)

2

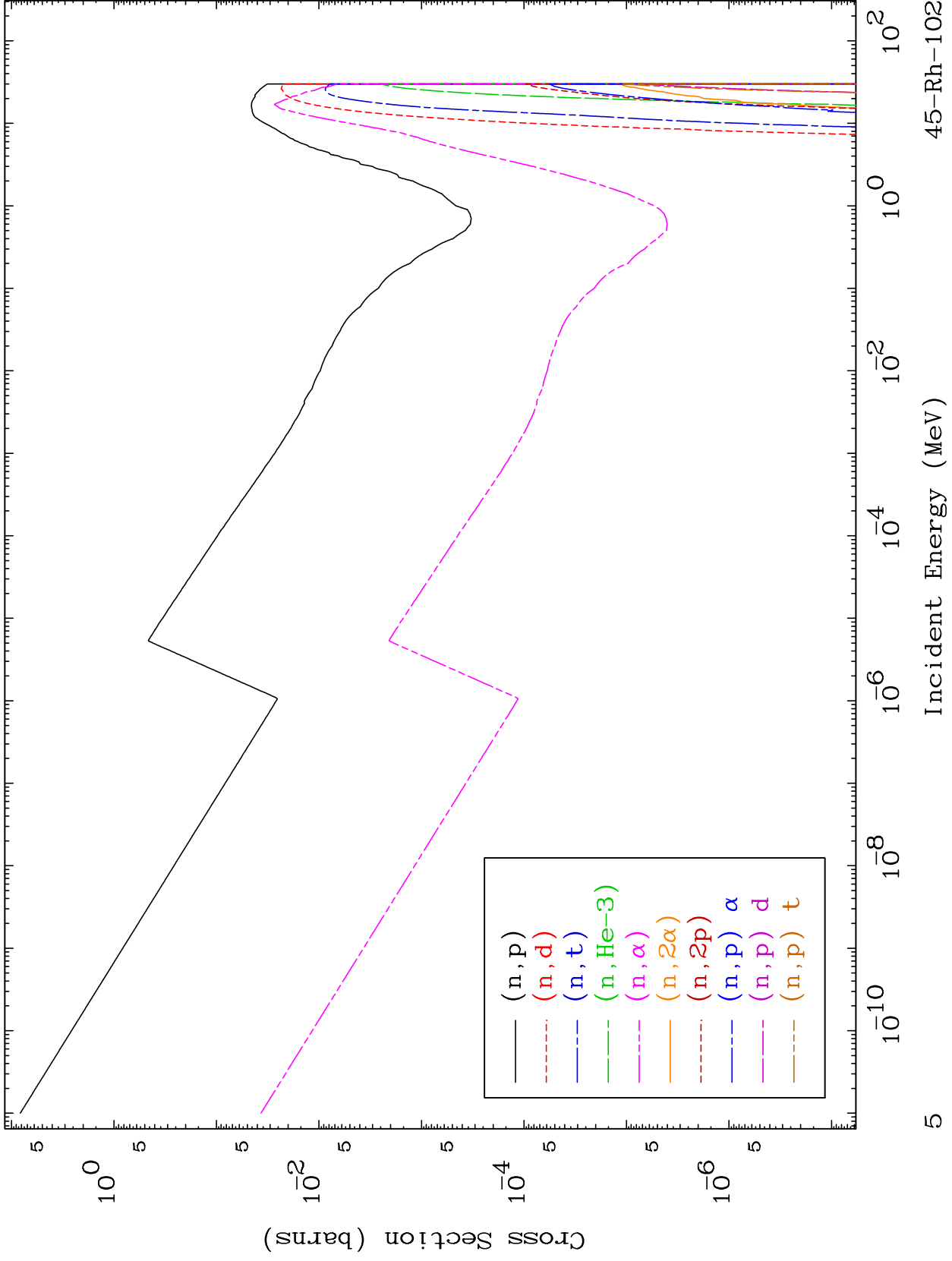


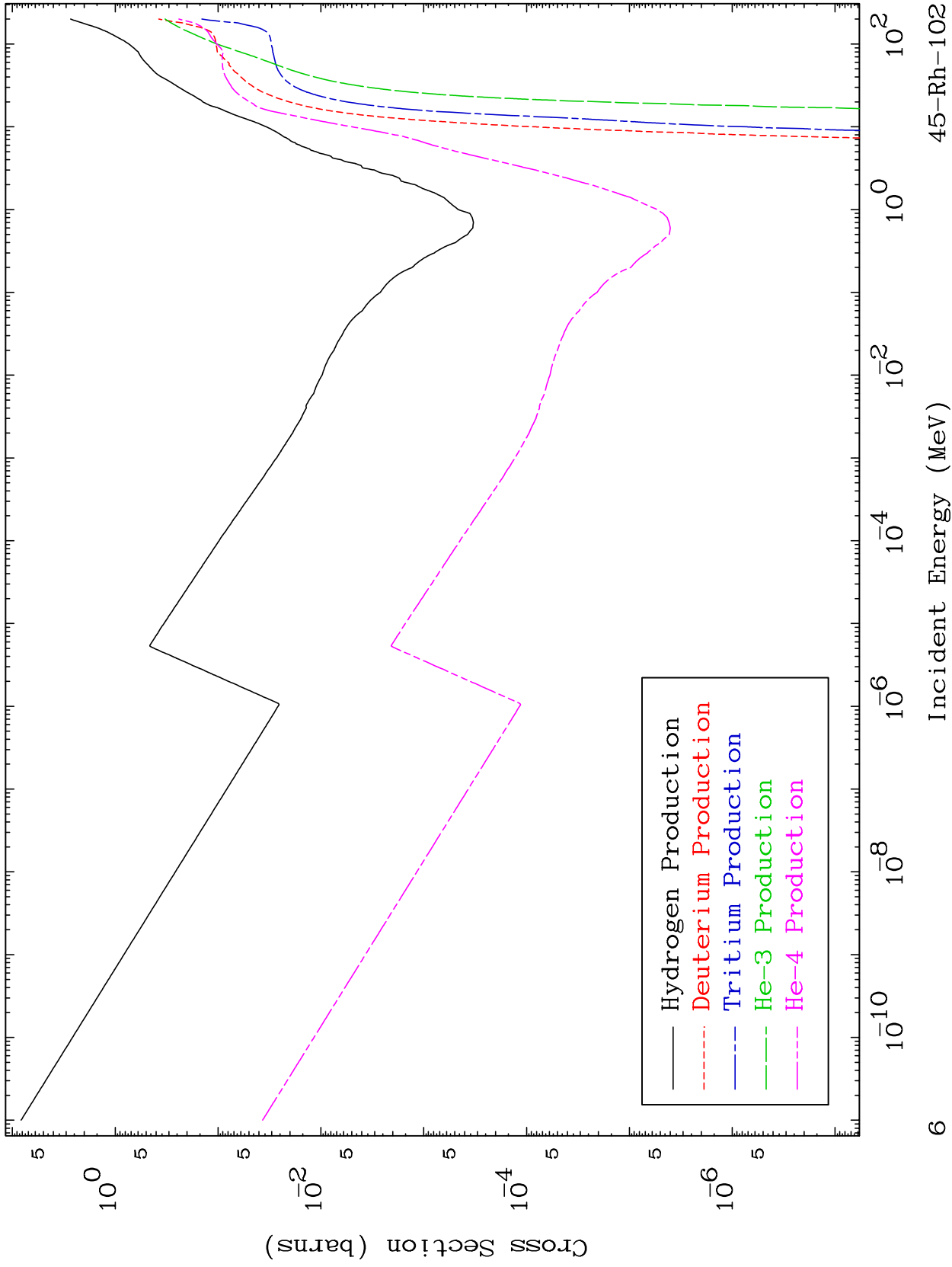


MAT 4522

Charged Particle  
293 Kelvin Cross Sections

45-Rh-102



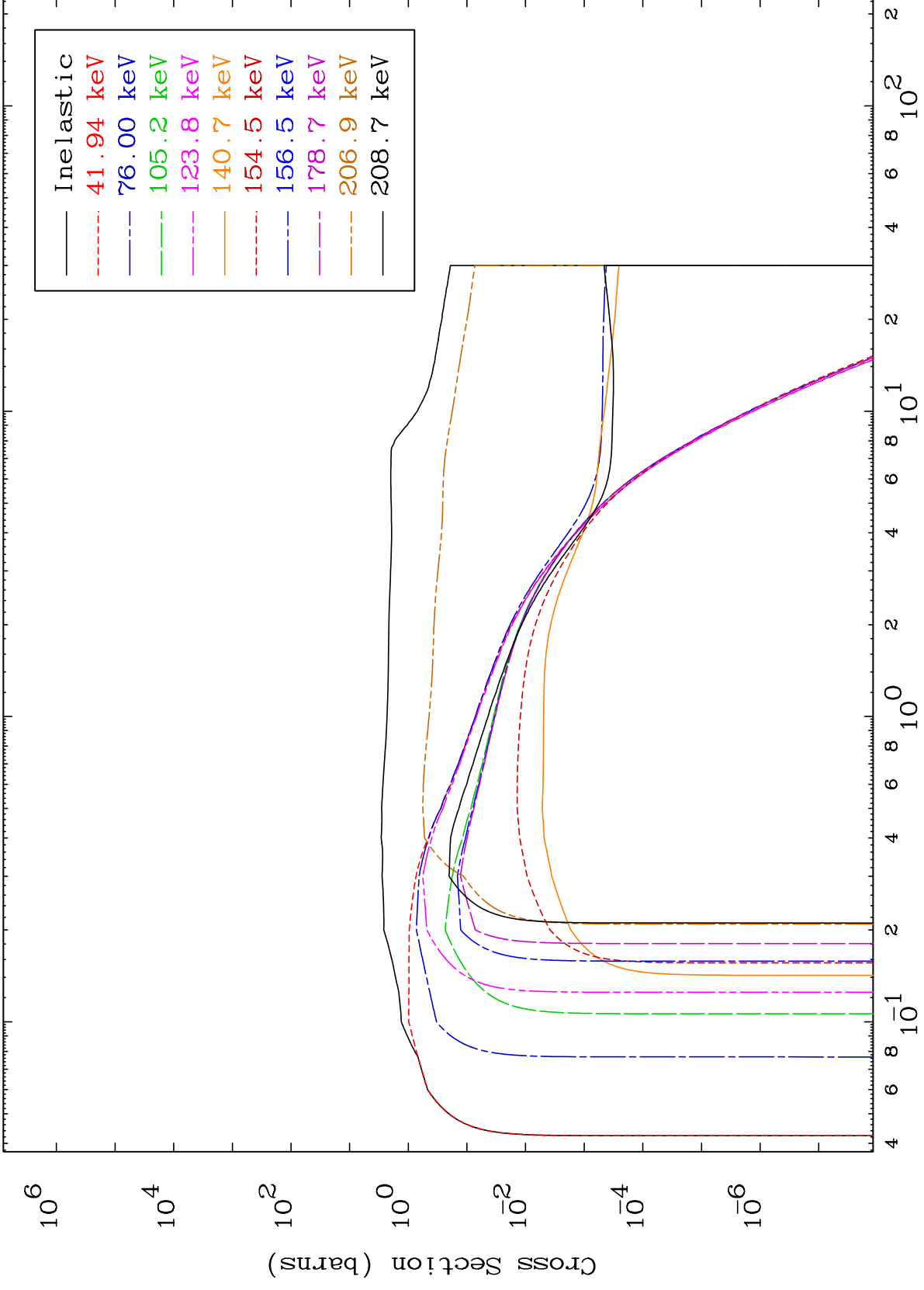


MAT 4522

(n,n') Level

45-Rh-102

293 Kelvin Cross Sections

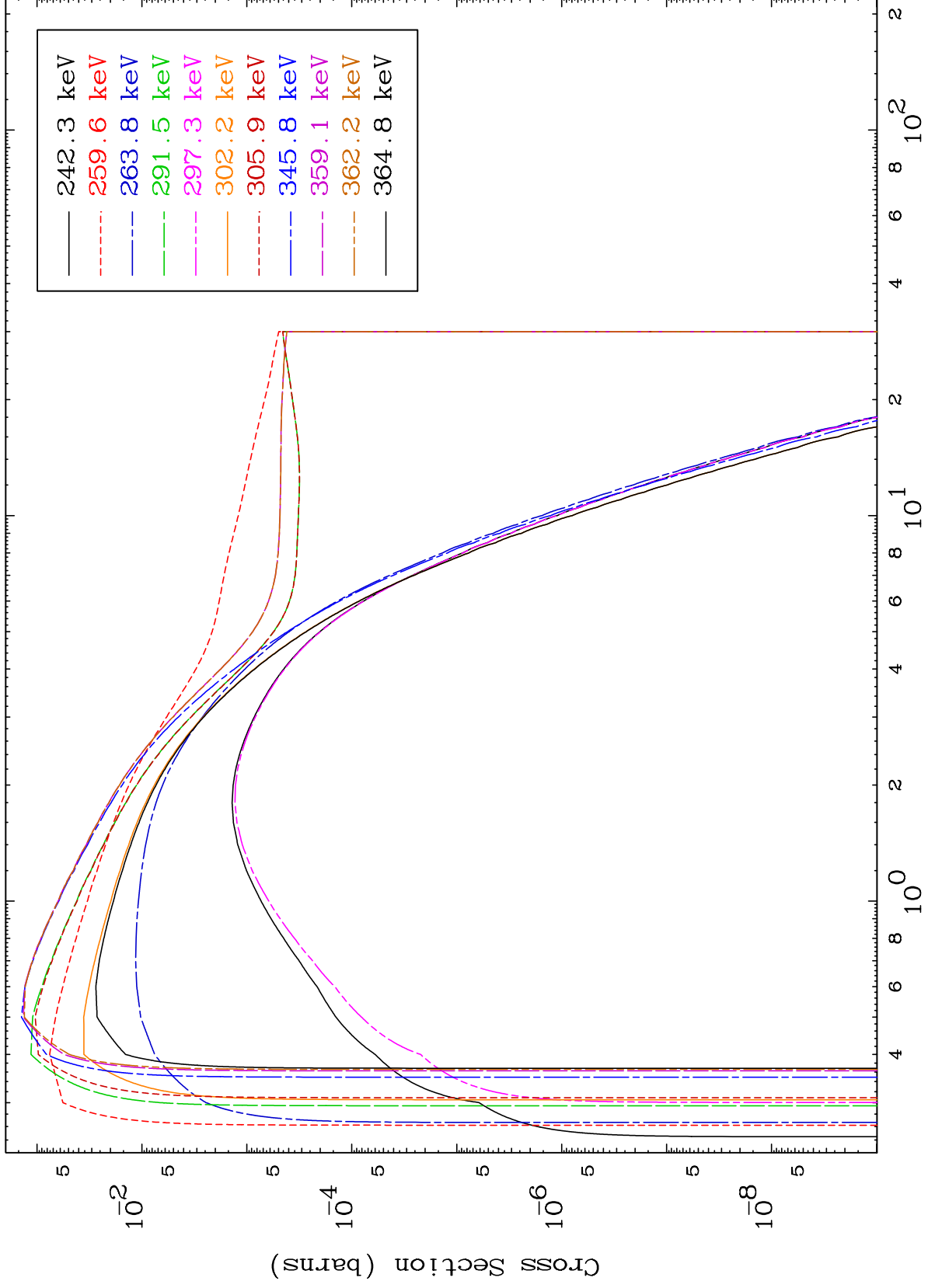




MAT 4522

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-102



8

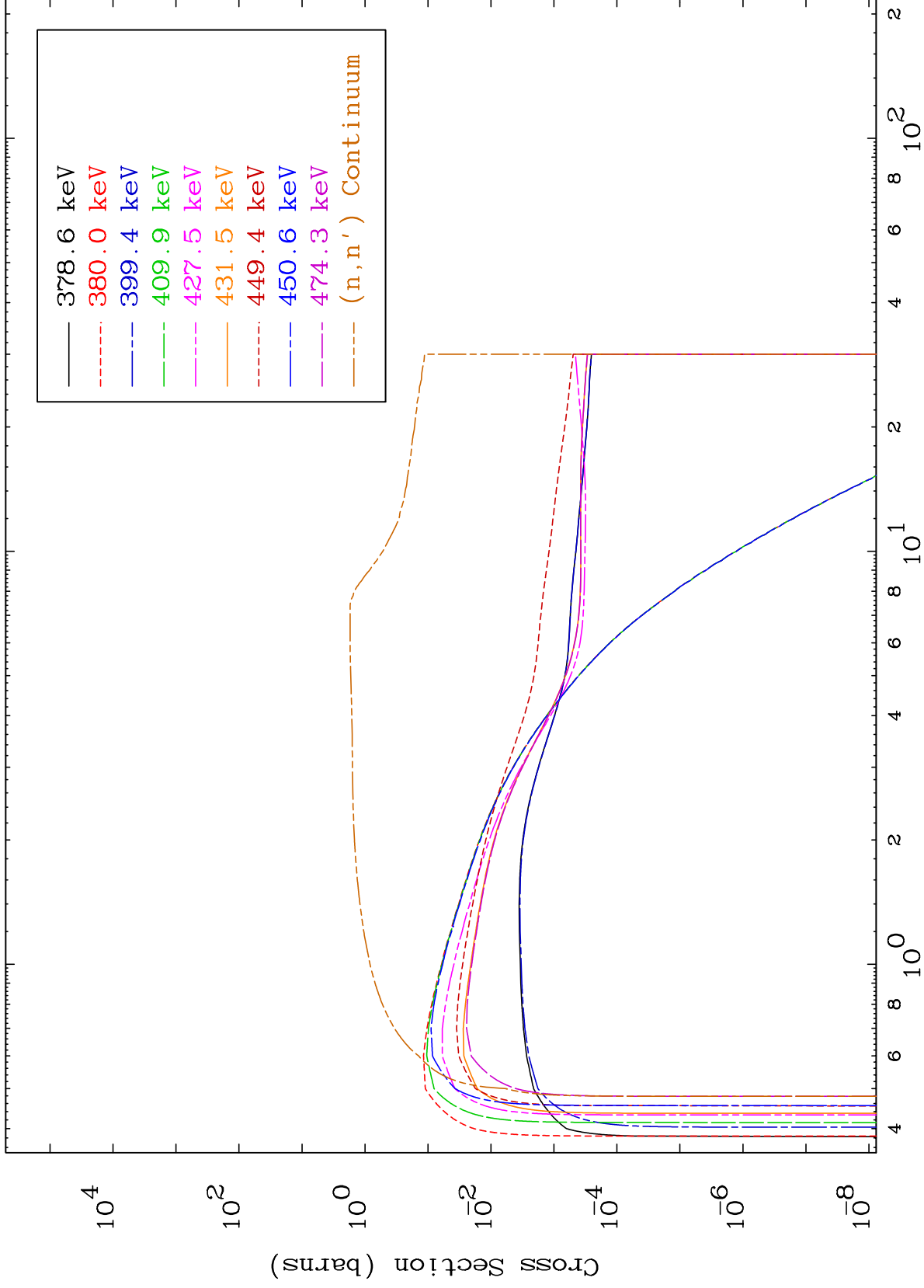
Incident Energy (MeV)

45-Rh-102

MAT 4522

(n,n') Level  
293 Kelvin Cross Sections

45-Rh-102



9

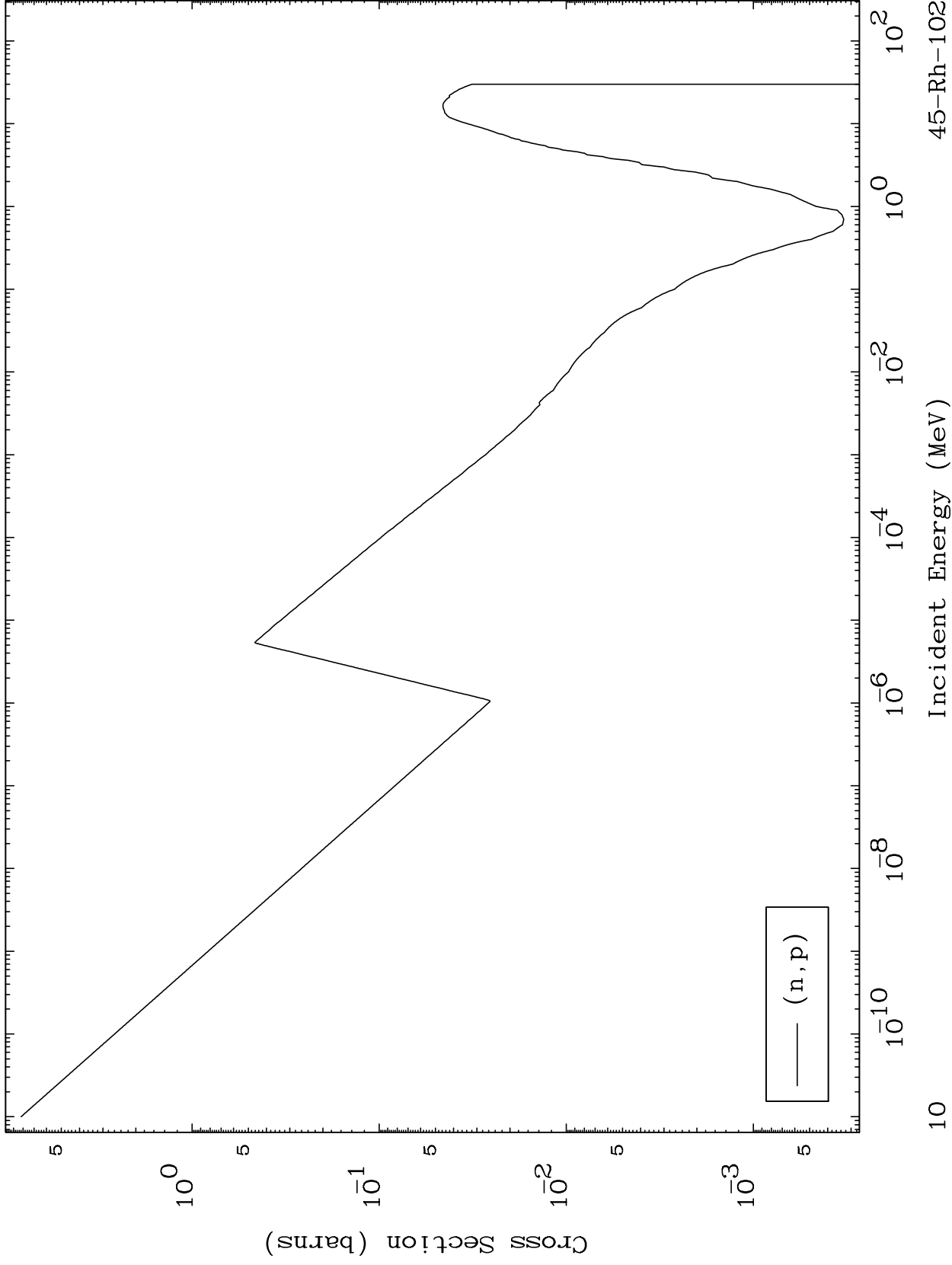
Incident Energy (MeV)

45-Rh-102

MAT 4522

(n,p) Levels  
293 Kelvin Cross Sections

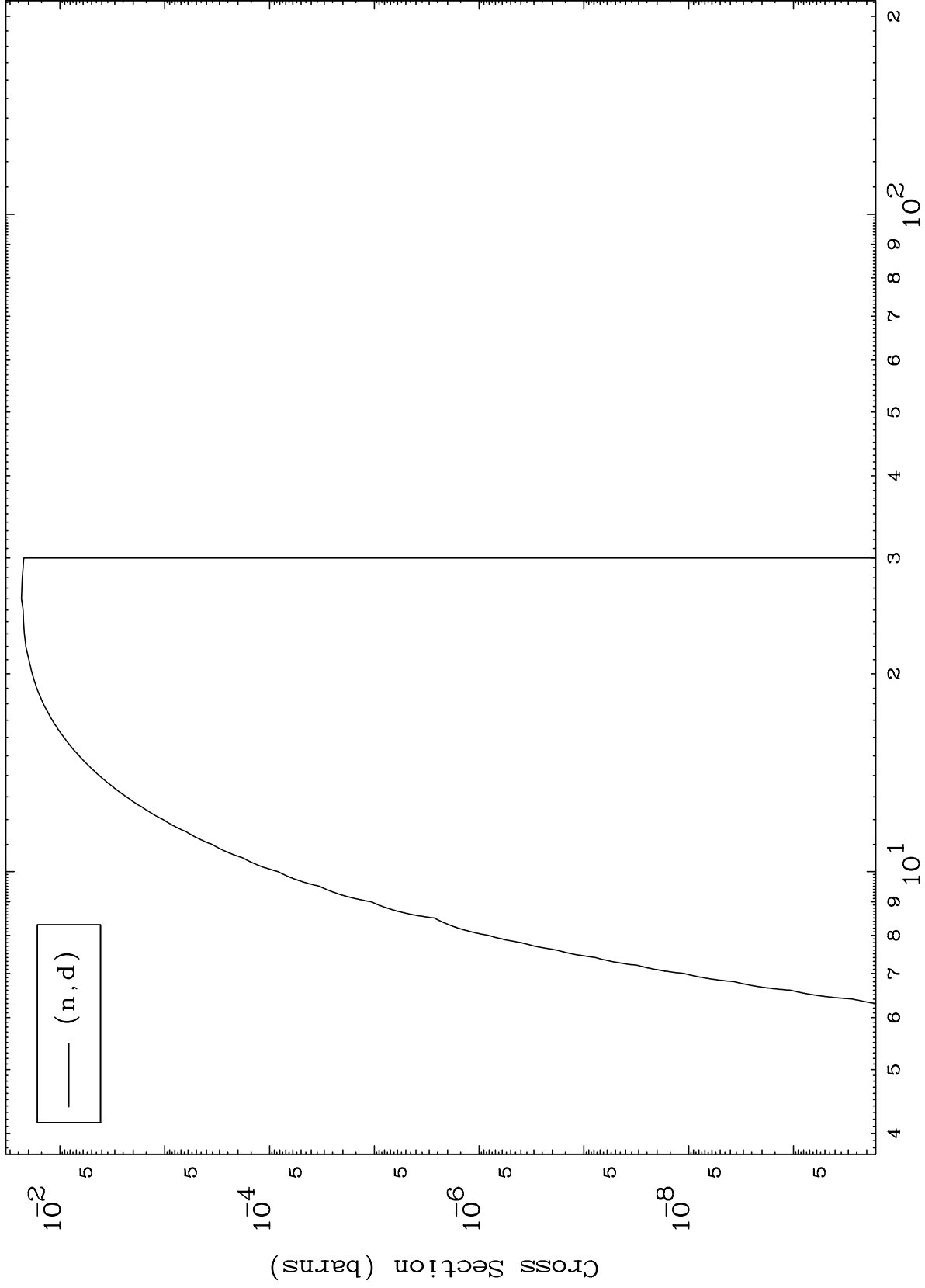
45-Rh-102



MAT 4522

(n,d) Levels  
293 Kelvin Cross Sections

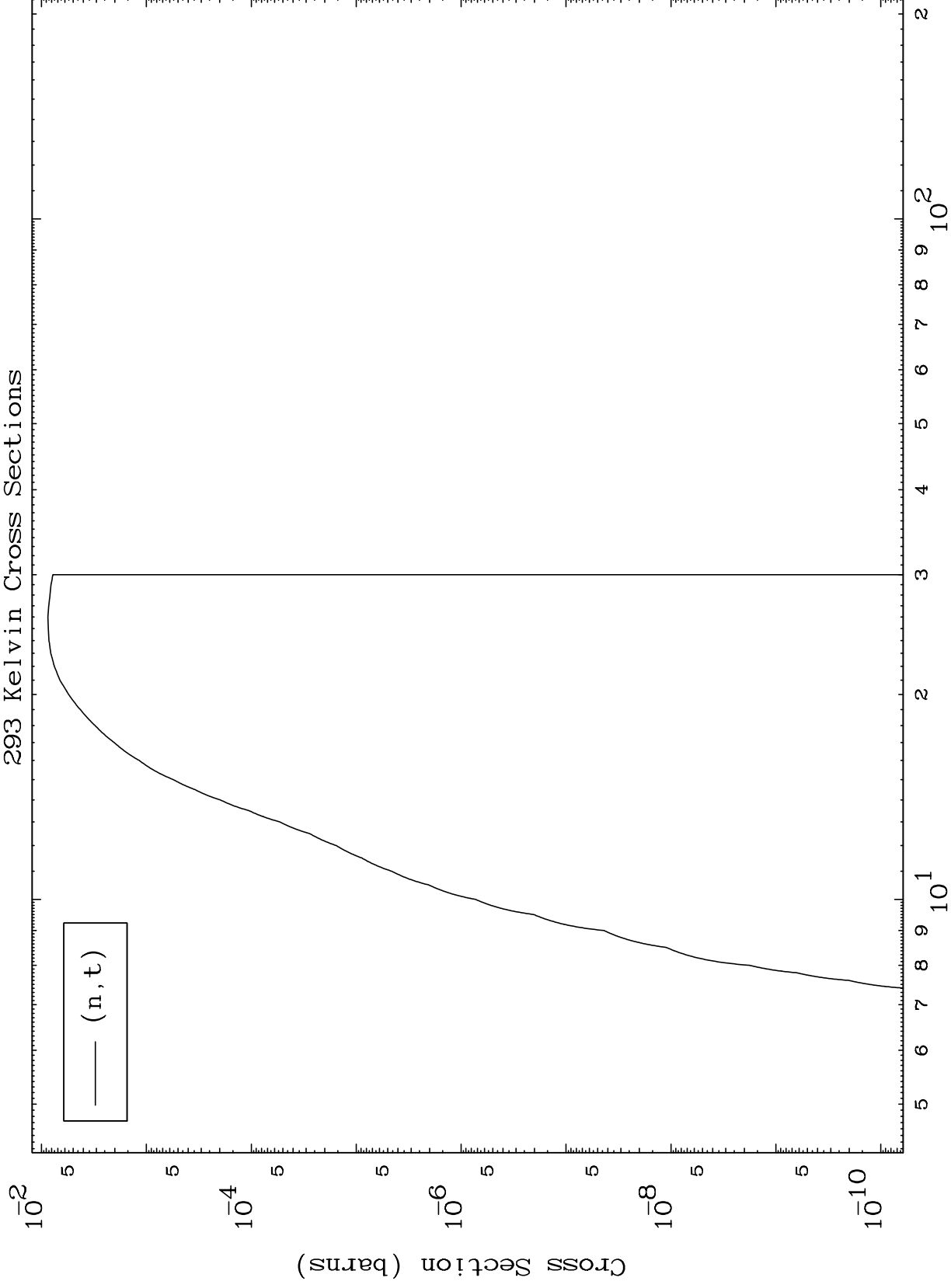
45-Rh-102



MAT 4522

(n,t) Levels  
293 Kelvin Cross Sections

45-Rh-102



12

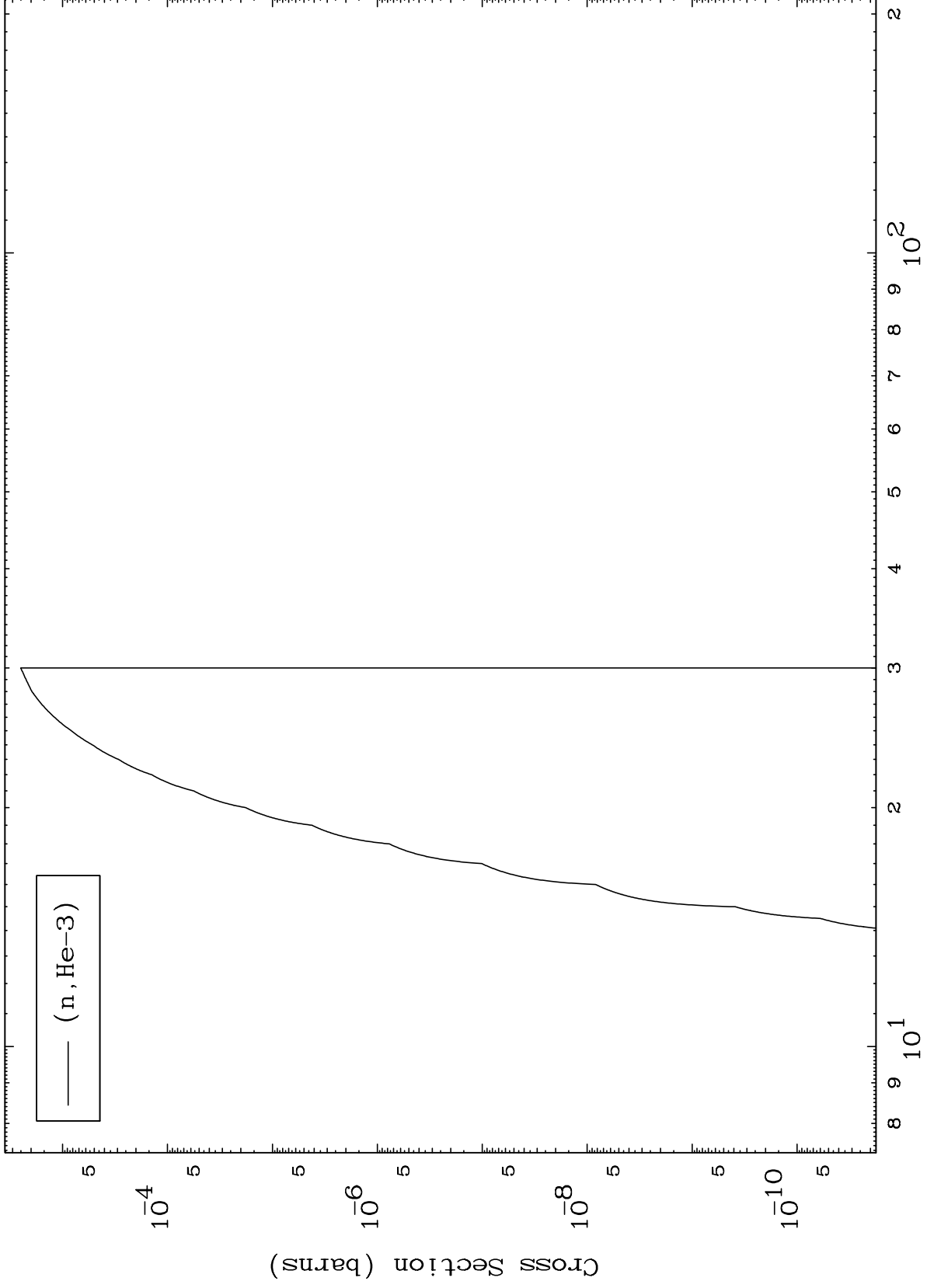
Incident Energy (MeV)

45-Rh-102

MAT 4522

(n,He3) Levels  
293 Kelvin Cross Sections

45-Rh-102



13

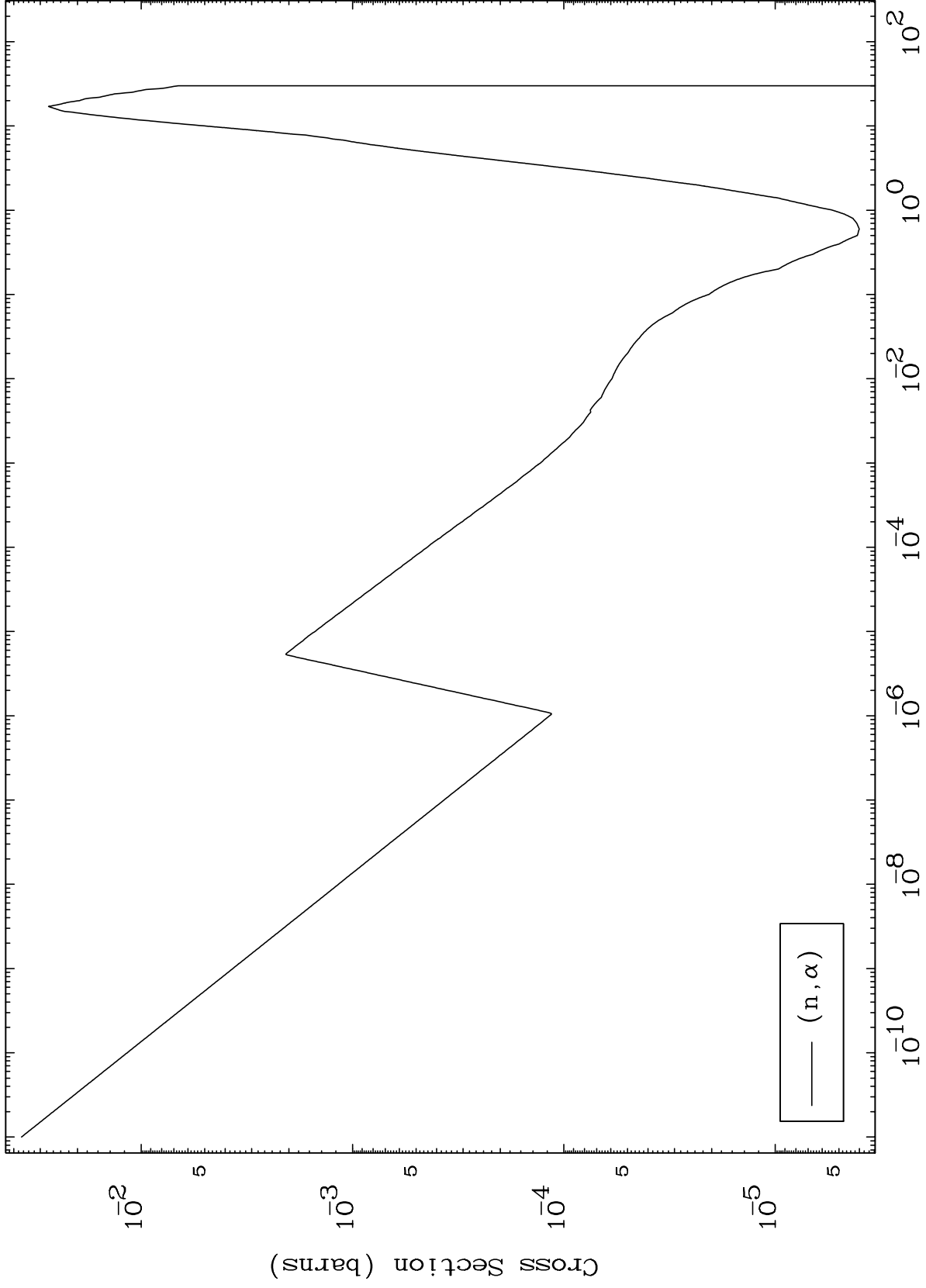
Incident Energy (MeV)

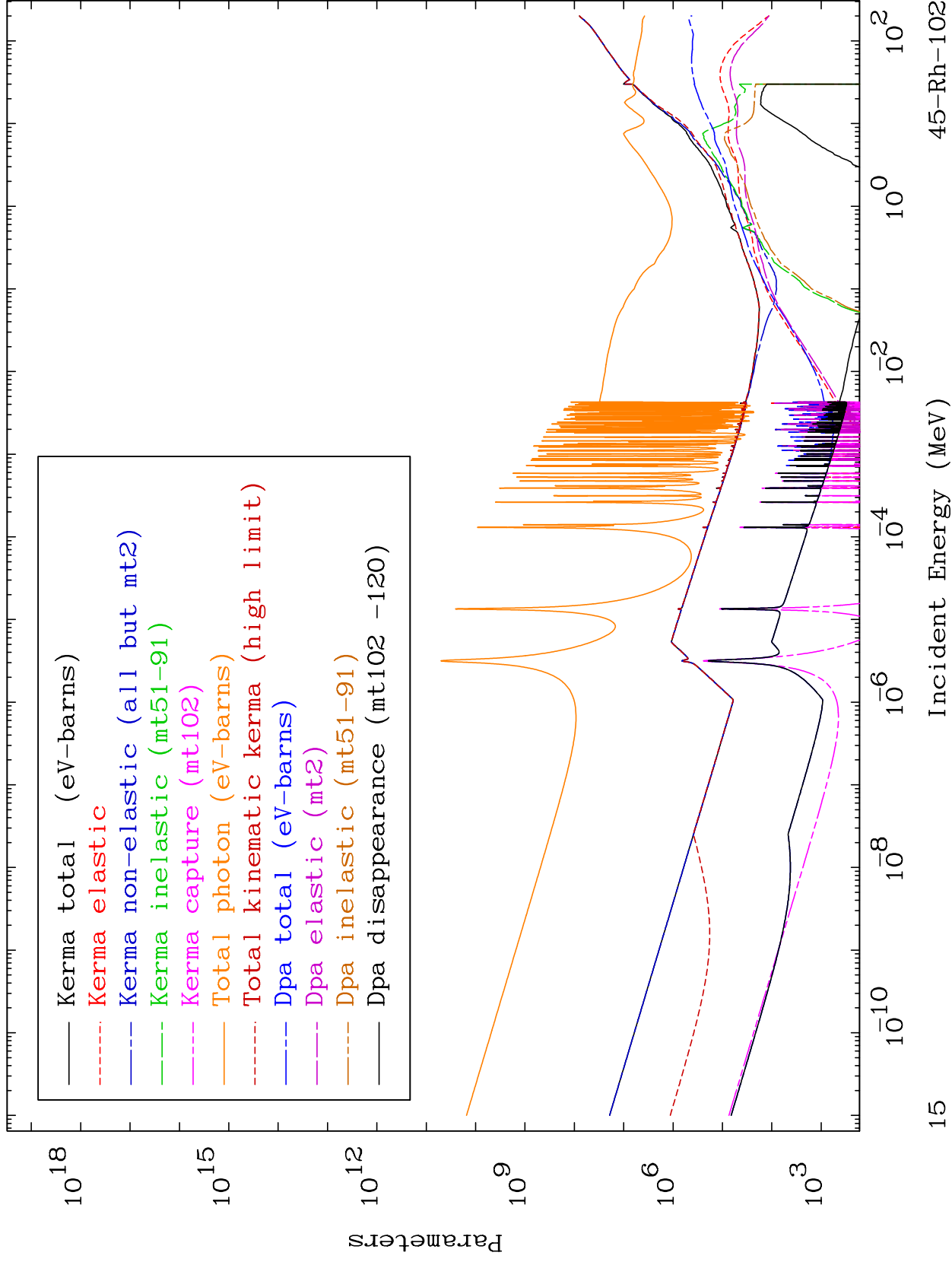
45-Rh-102

MAT 4522

(n,α) Levels  
293 Kelvin Cross Sections

45-Rh-102



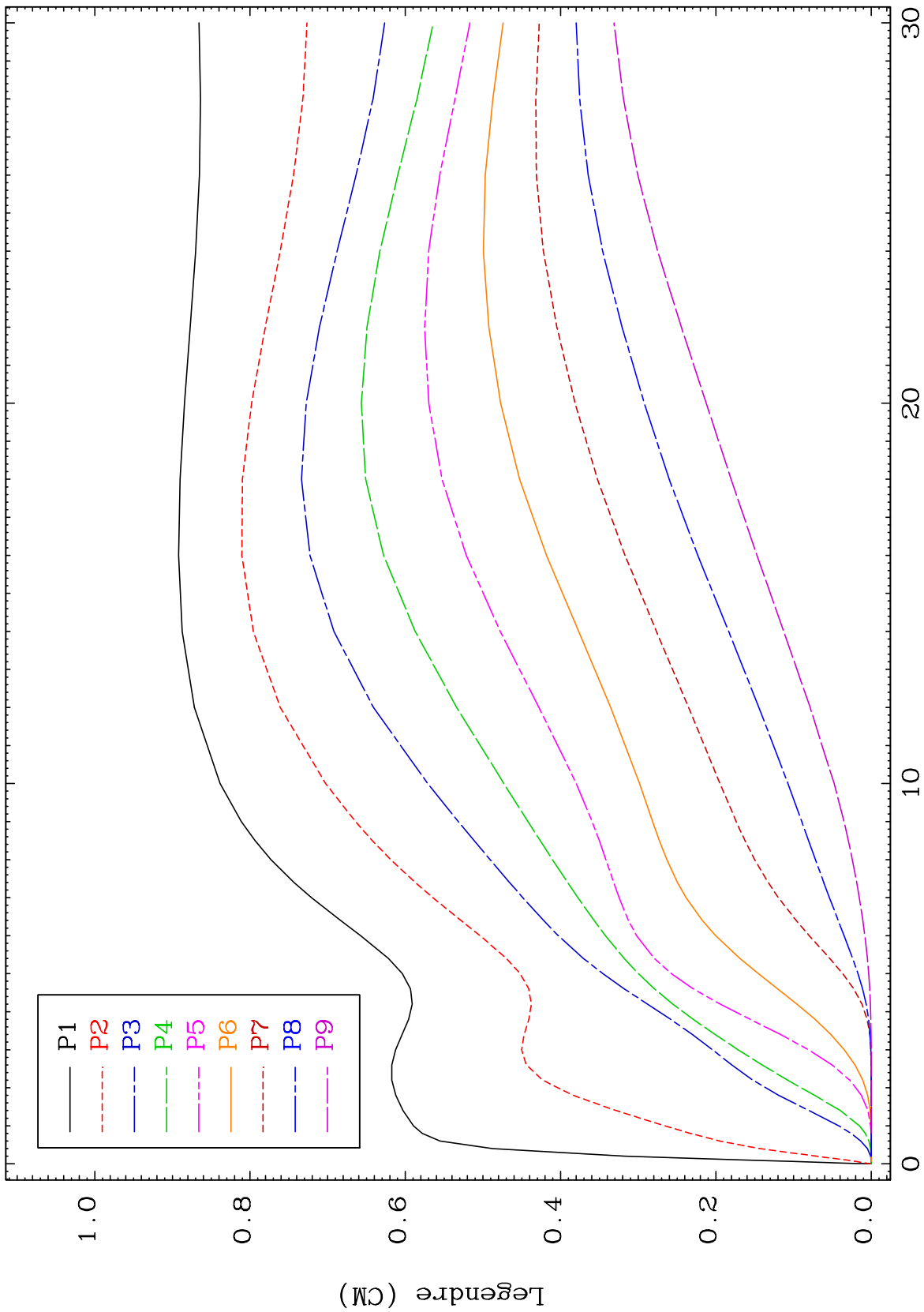




MAT 4522

Elastic Legendre Coefficients

45-Rh-102



16

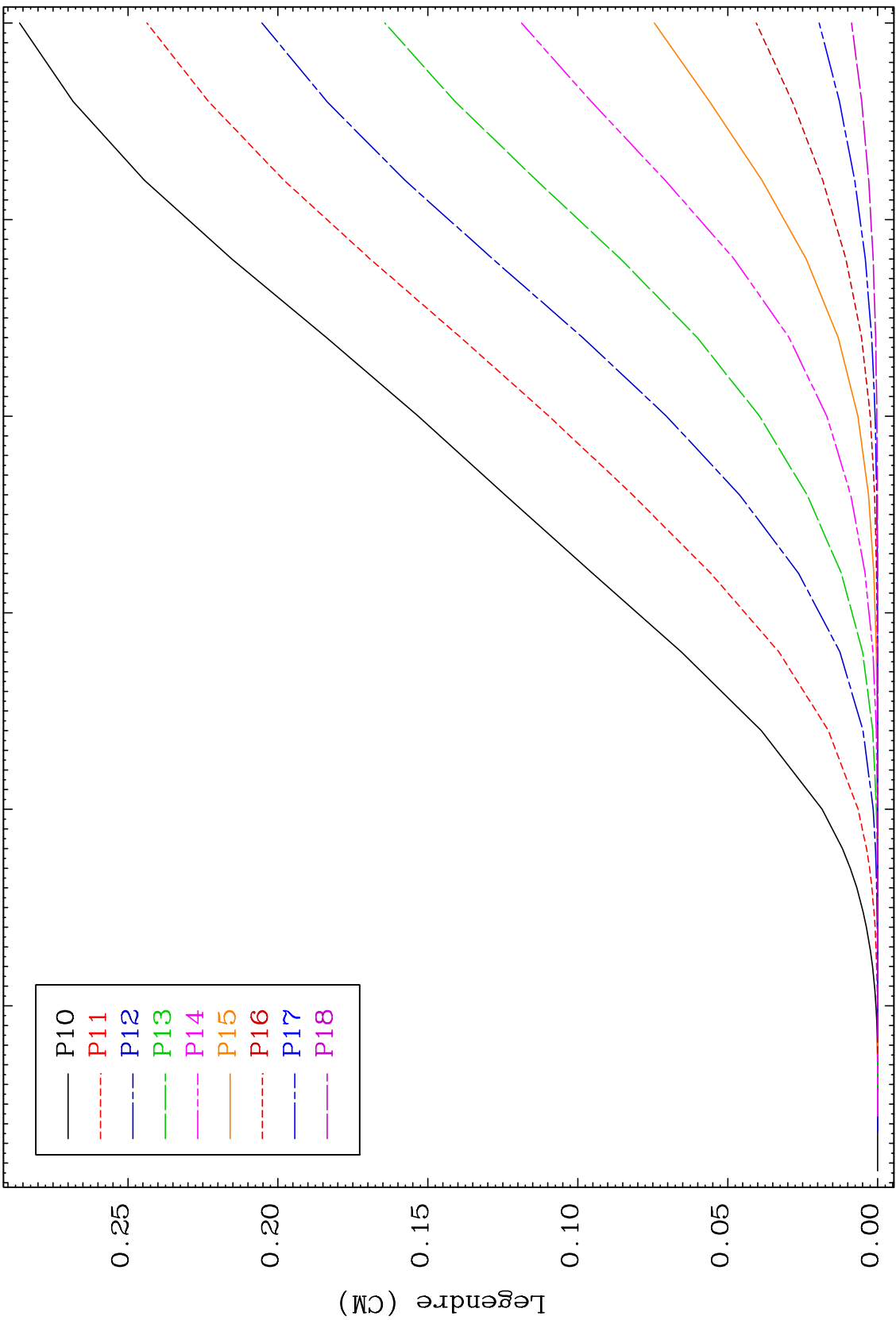
Incident Energy (MeV)

45-Rh-102

MAT 4522

Elastic Legendre Coefficients

45-Rh-102



17

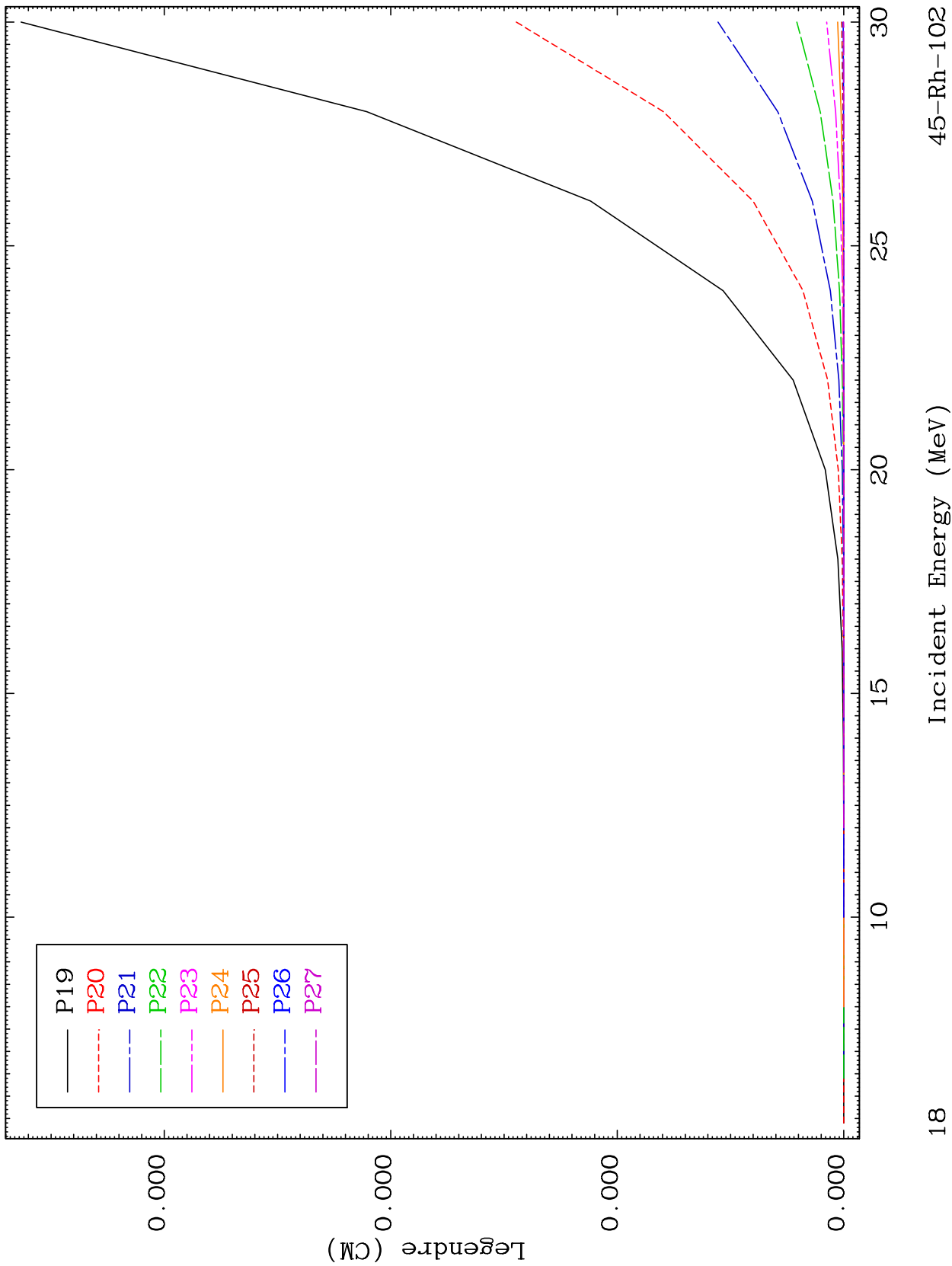
Incident Energy (MeV)

45-Rh-102

MAT 4522

### Elastic Legendre Coefficients

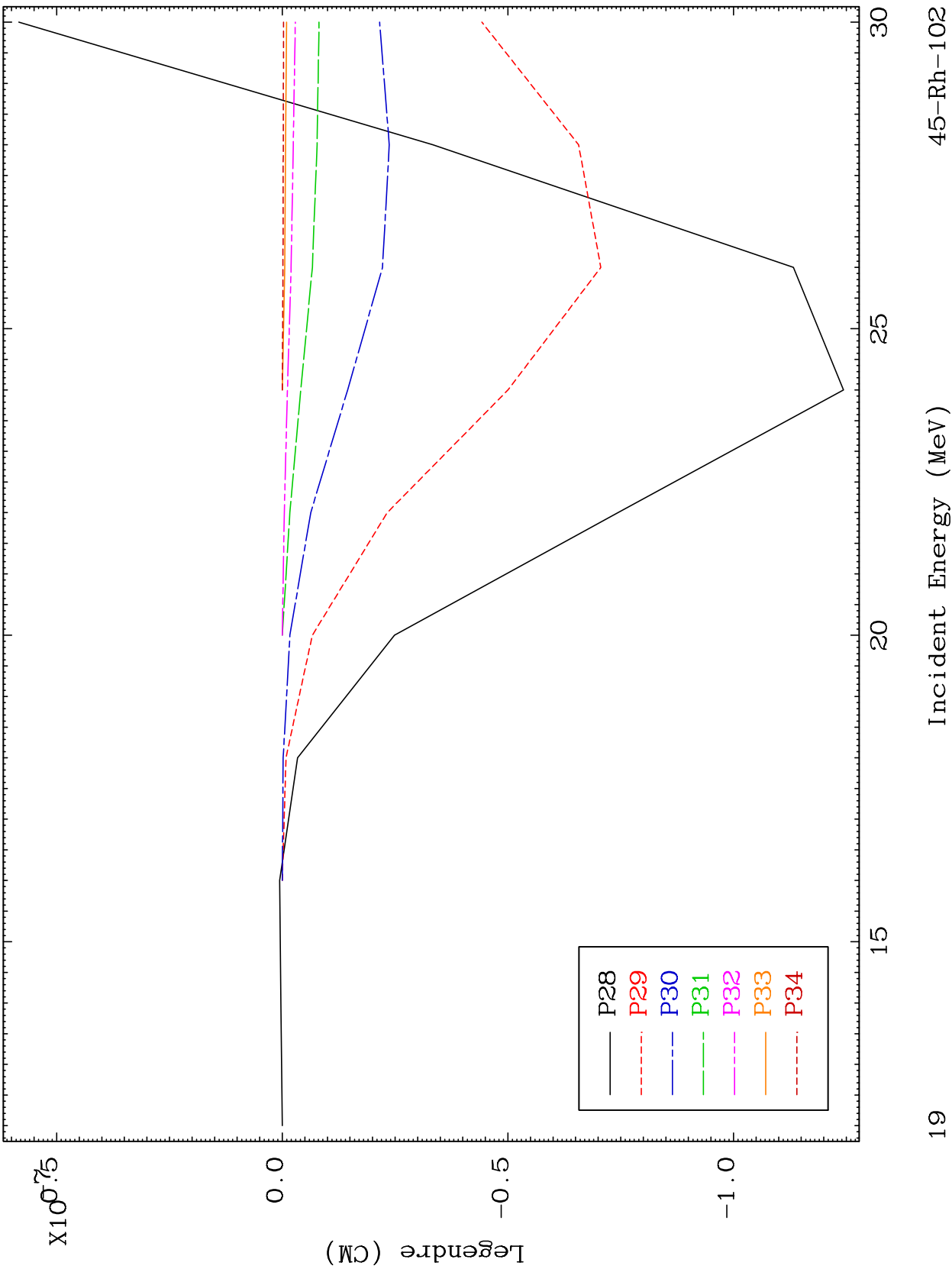
45-Rh-102

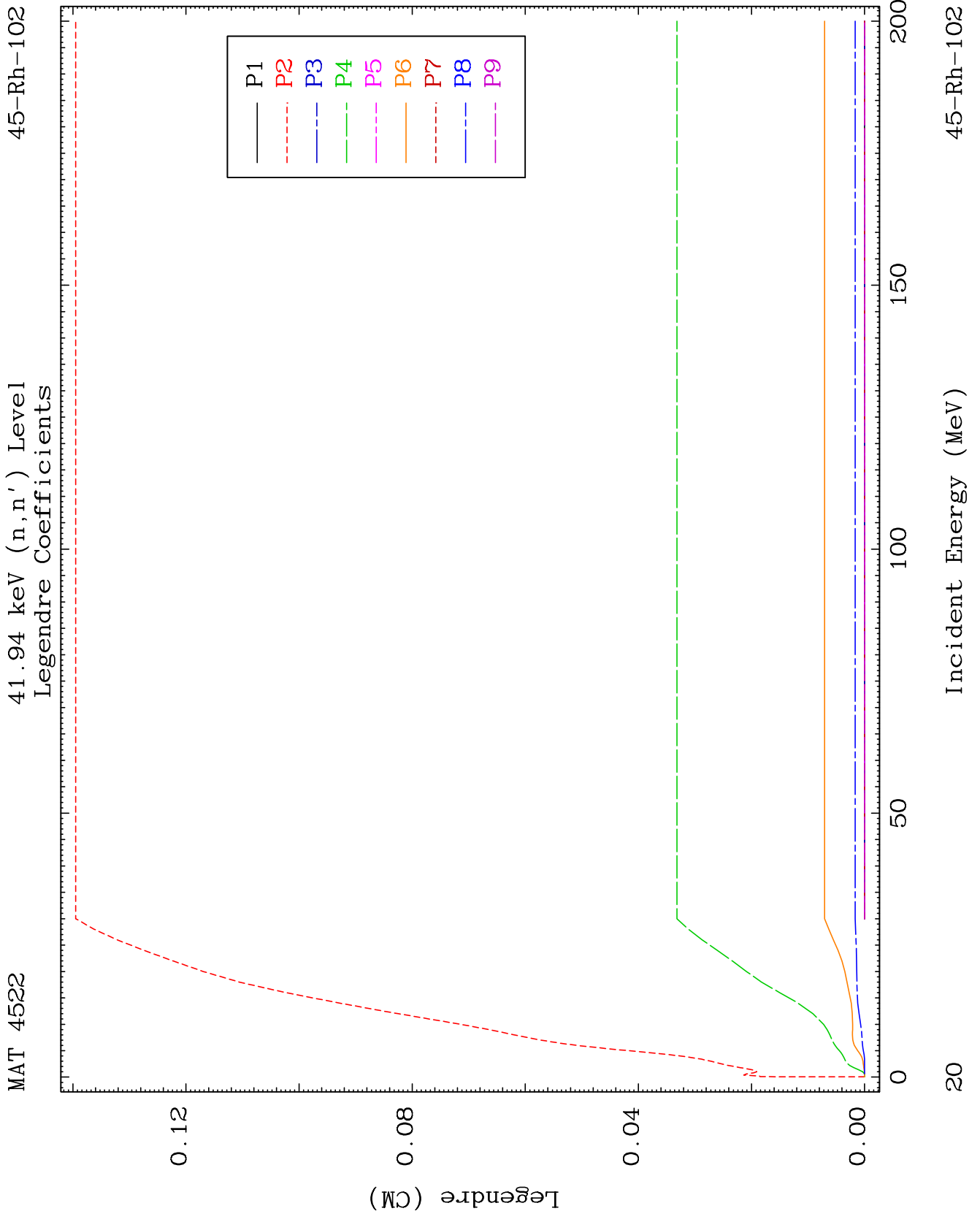


18

Incident Energy (MeV)

45-Rh-102

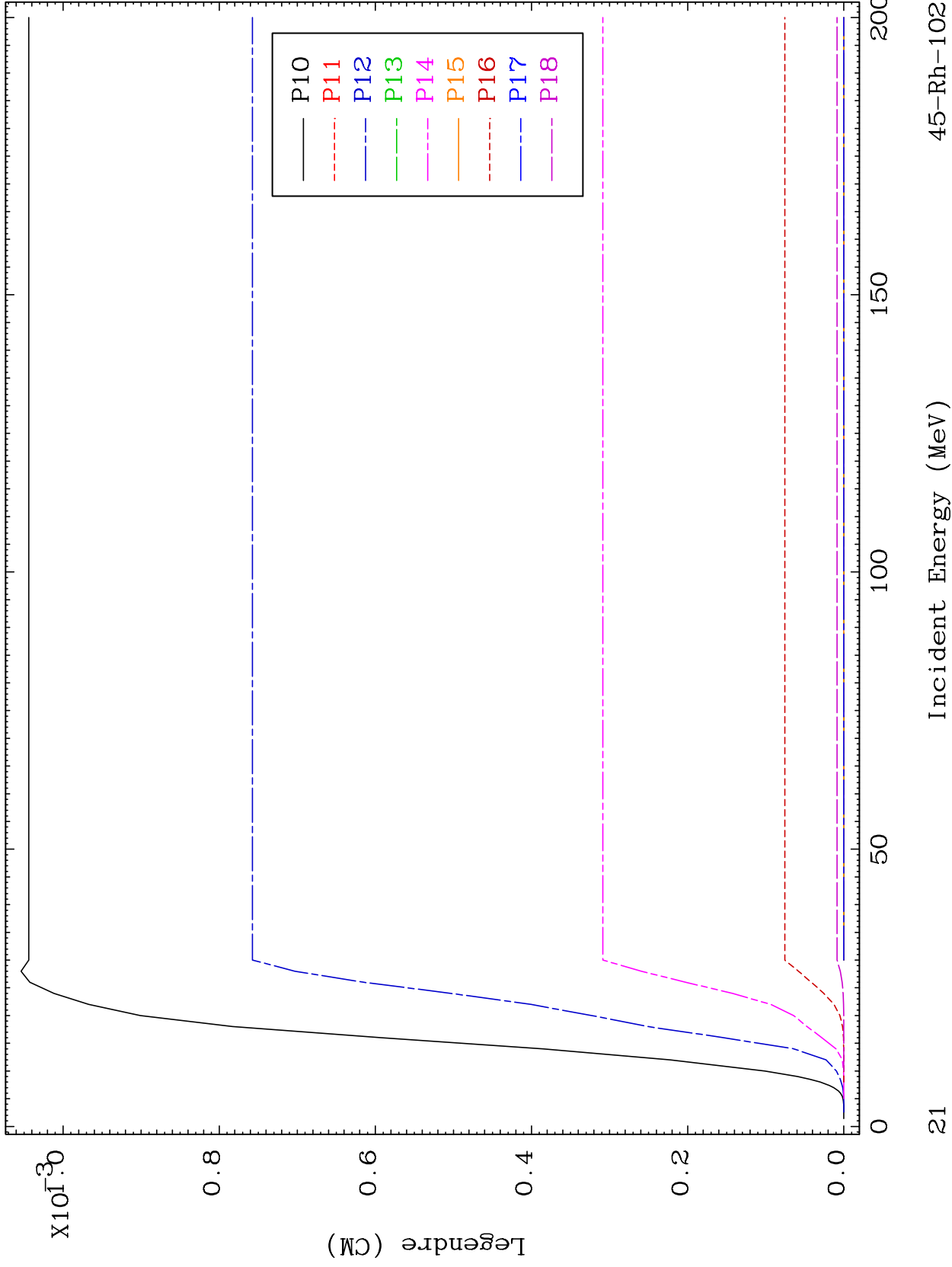




MAT 4522

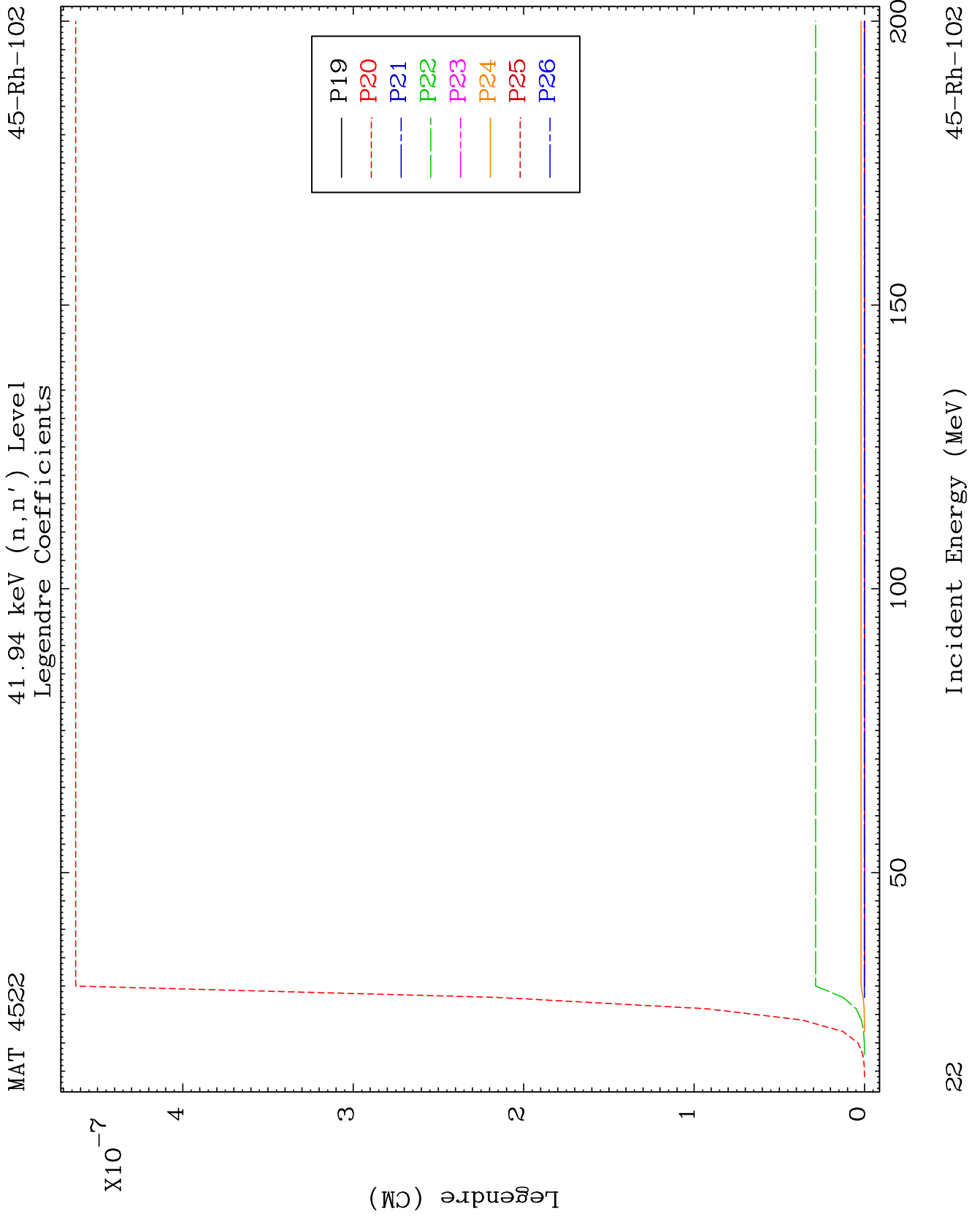
41.94 keV (n,n') Level  
Legendre Coefficients

45-Rh-102



21

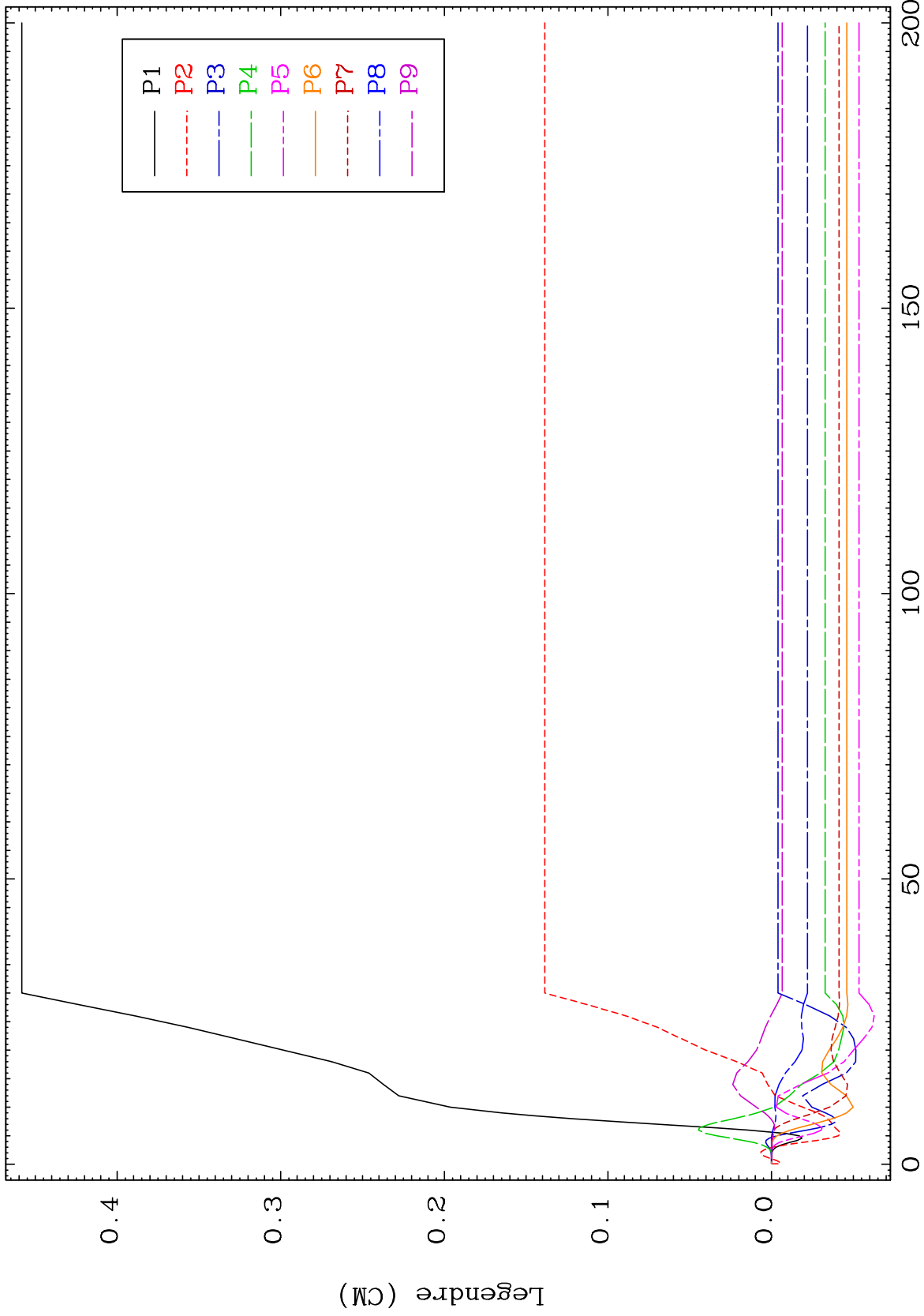
45-Rh-102



MAT 4522

76.00 keV (n,n') Level  
Legendre Coefficients

45-Rh-102



23

Incident Energy (MeV)

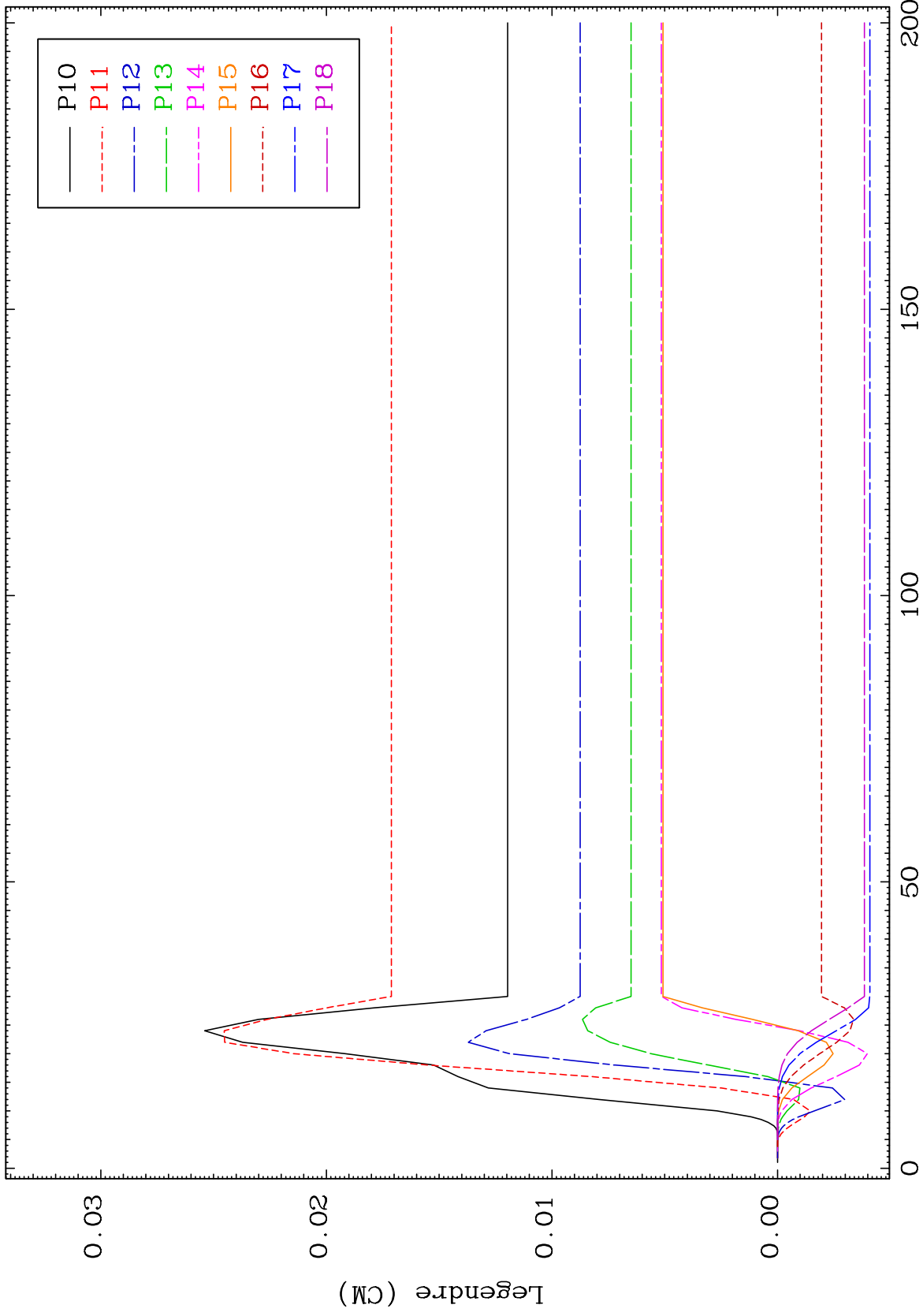
45-Rh-102



MAT 4522

76.00 keV (n,n') Level  
Legendre Coefficients

45-Rh-102

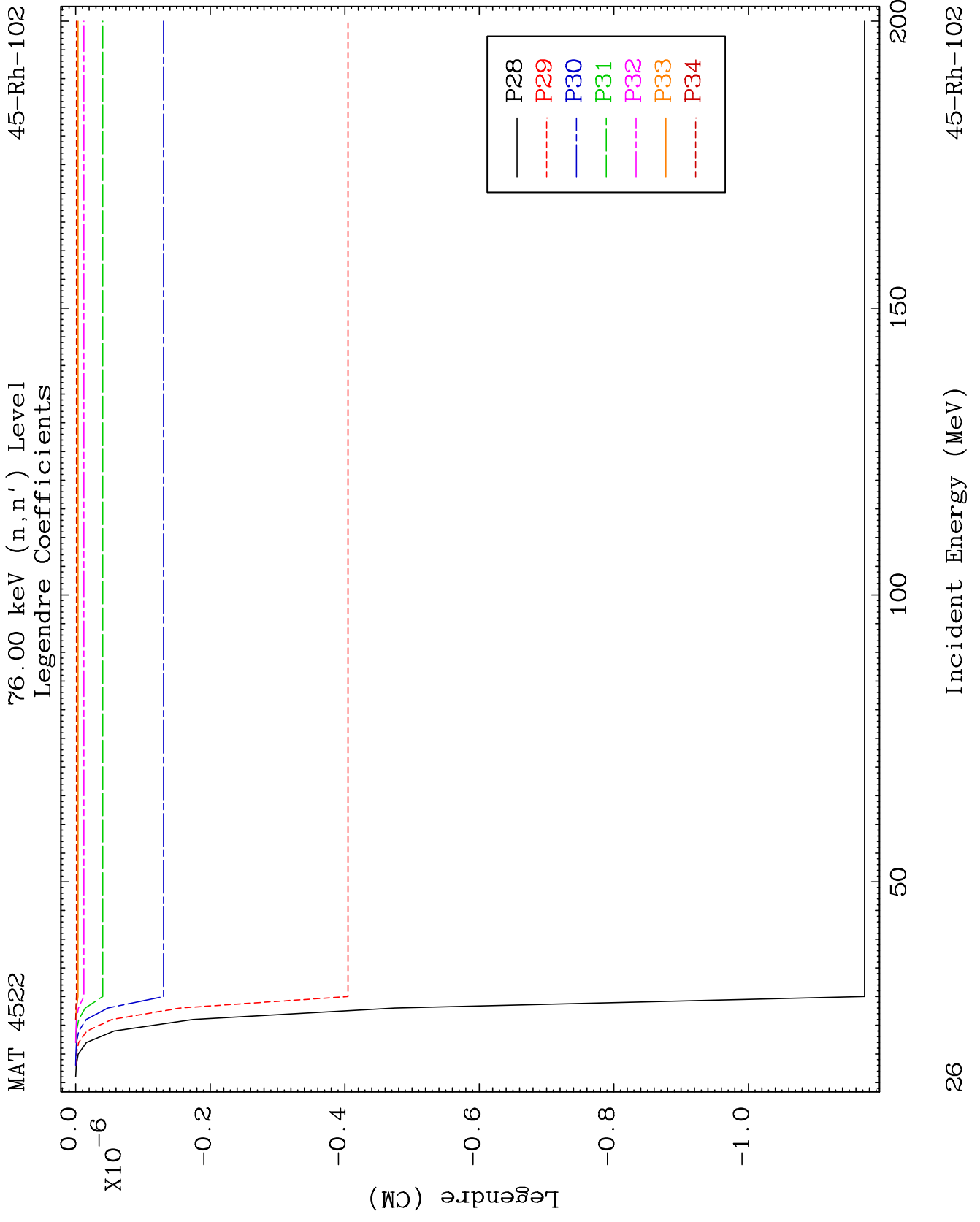


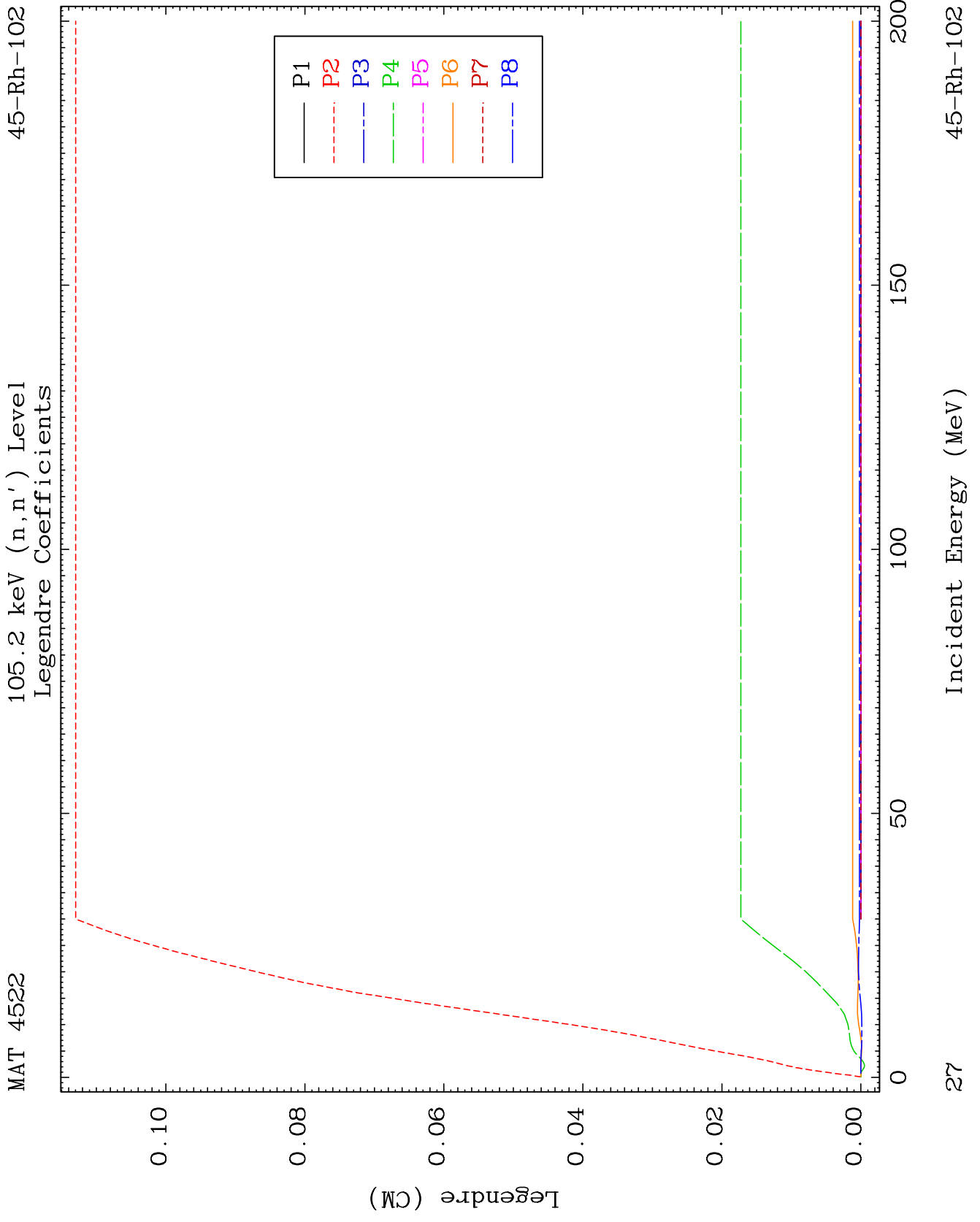
24

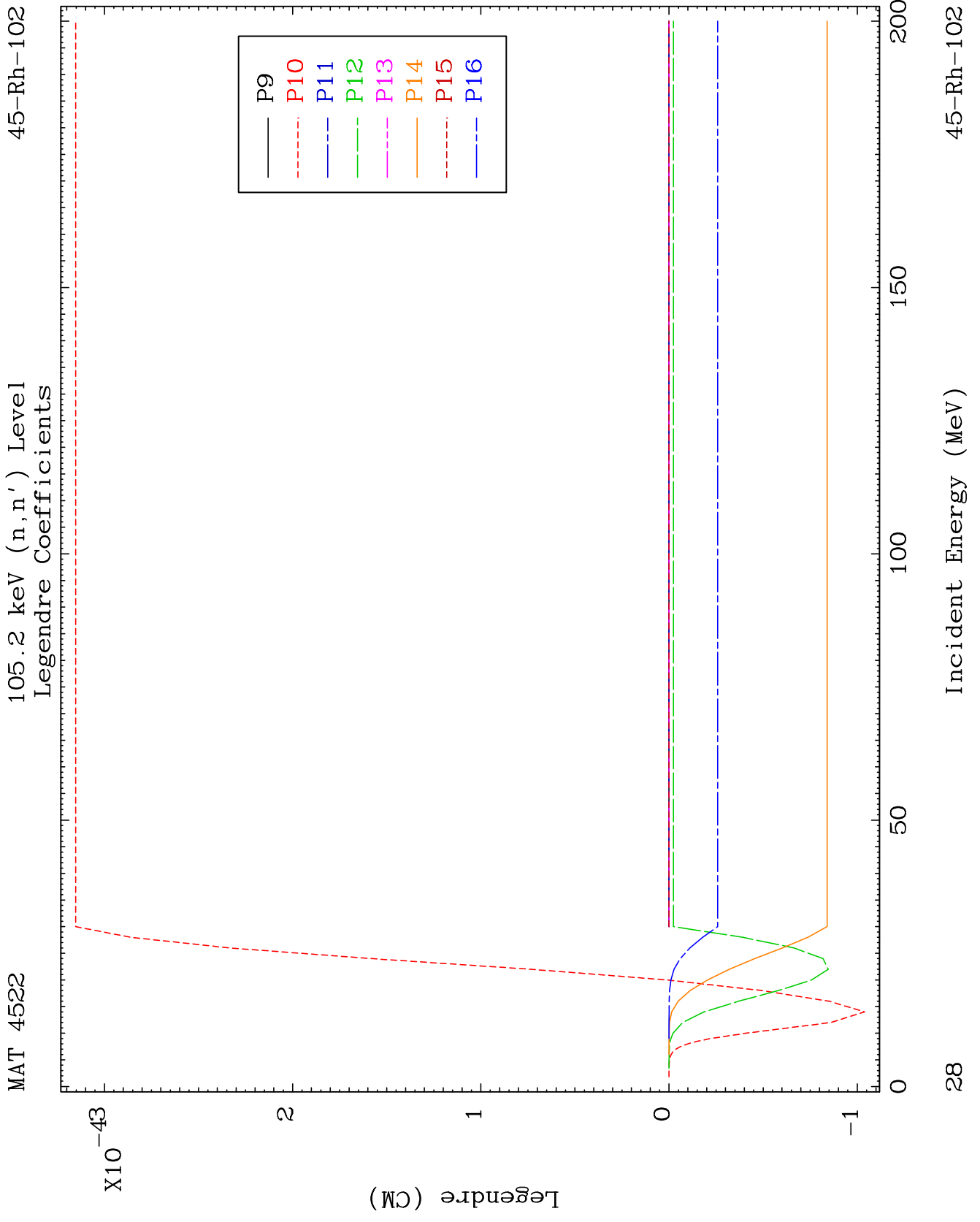
Incident Energy (MeV)

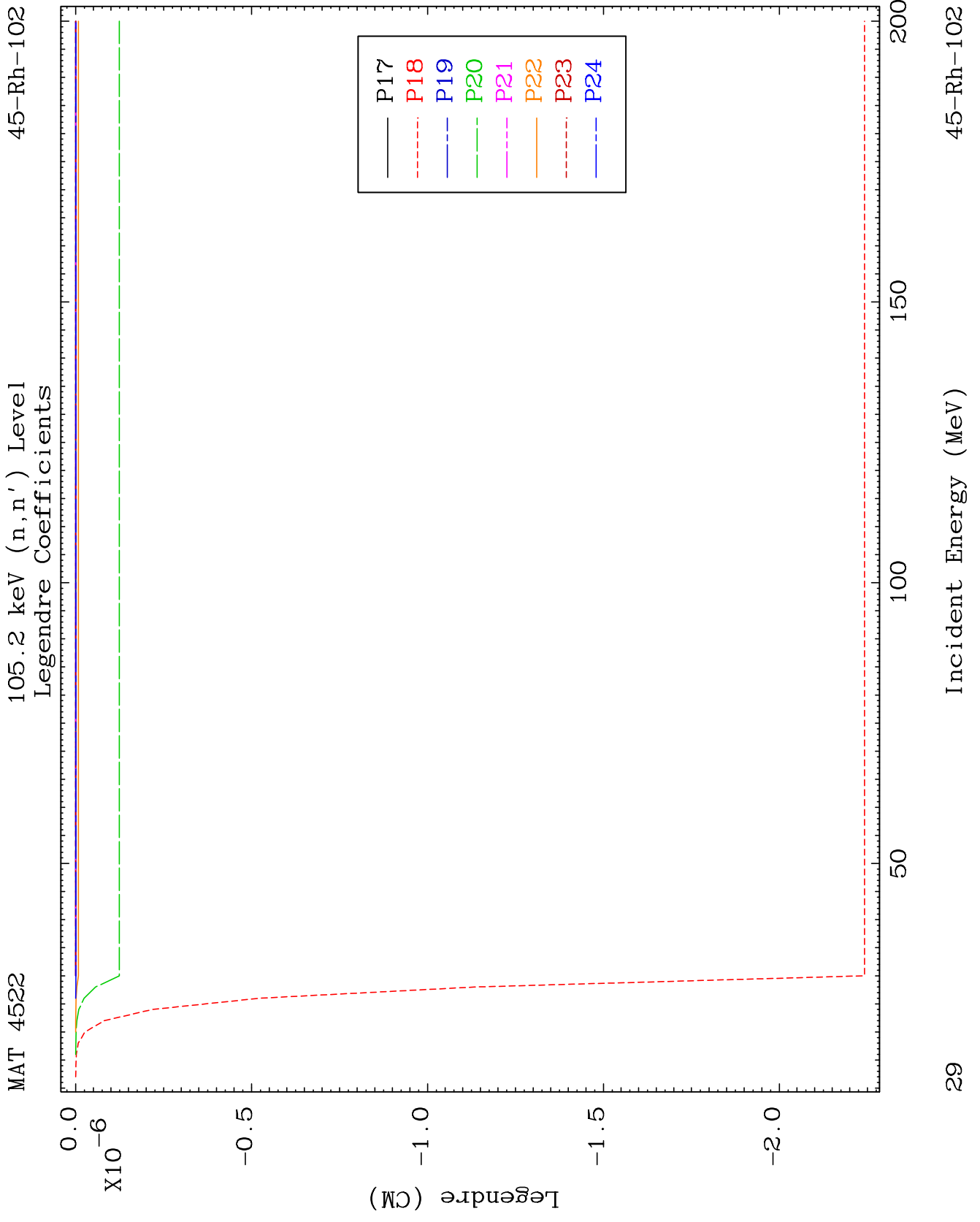
45-Rh-102









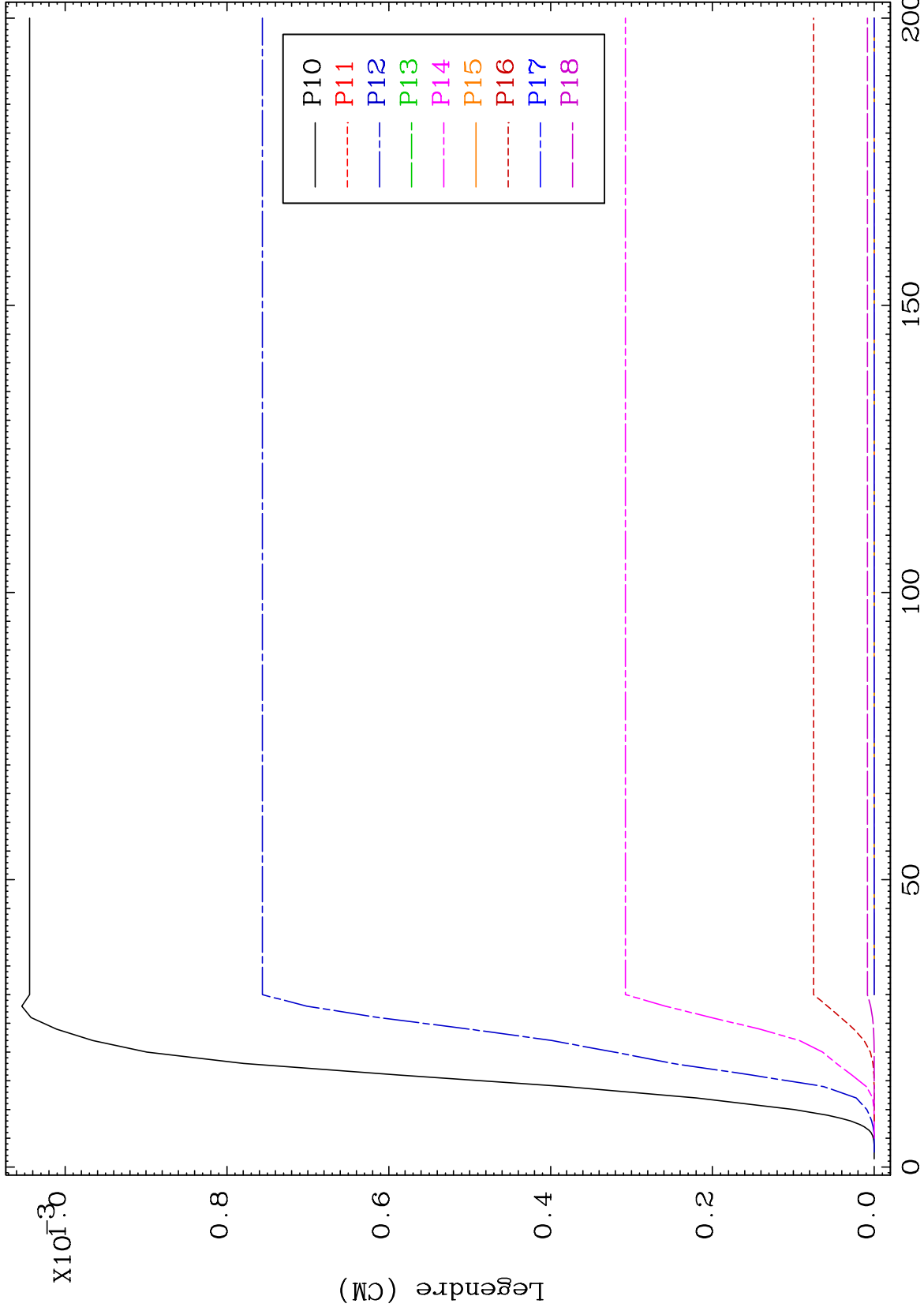




MAT 4522

123.8 keV (n, n') Level  
Legendre Coefficients

45-Rh-102

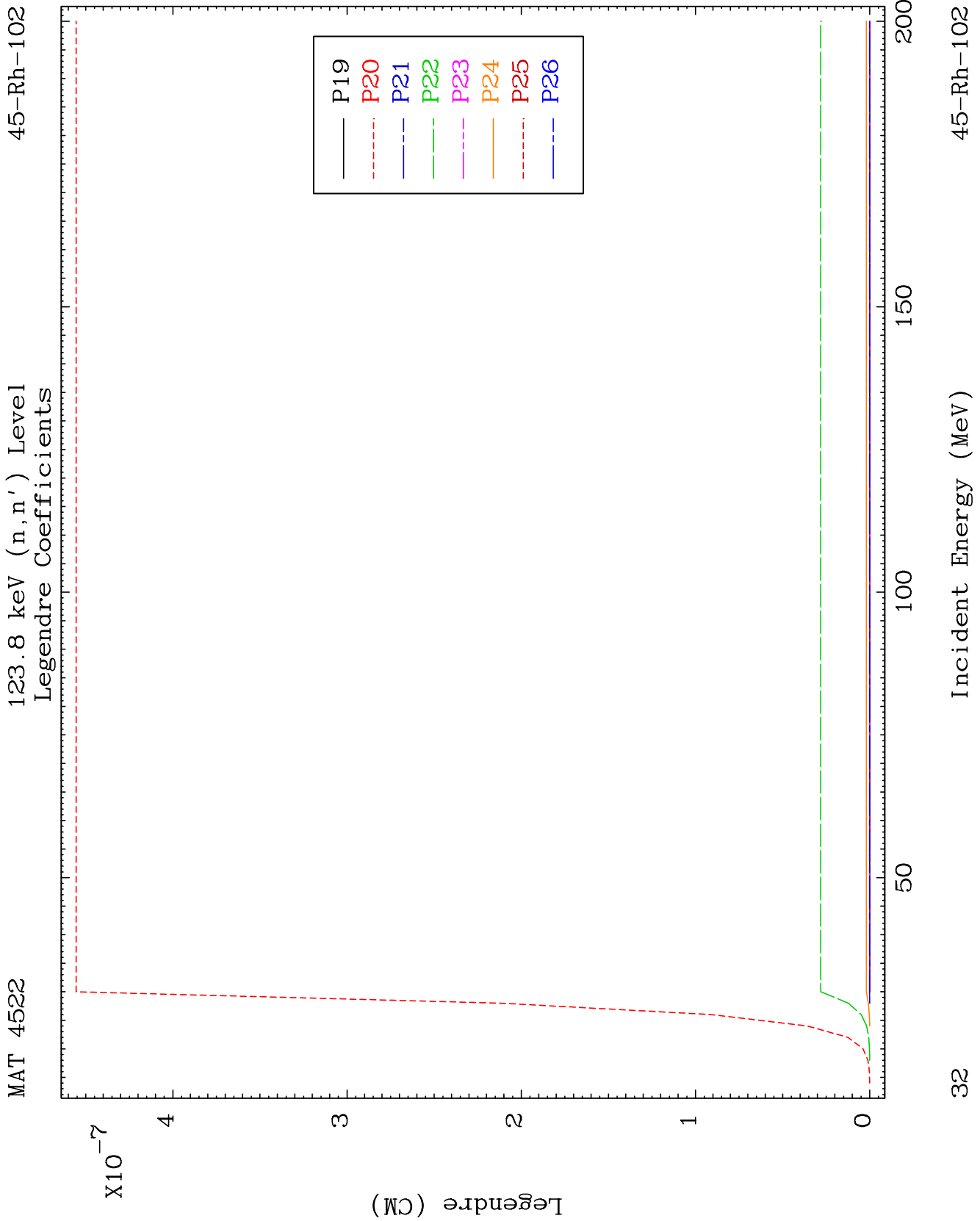


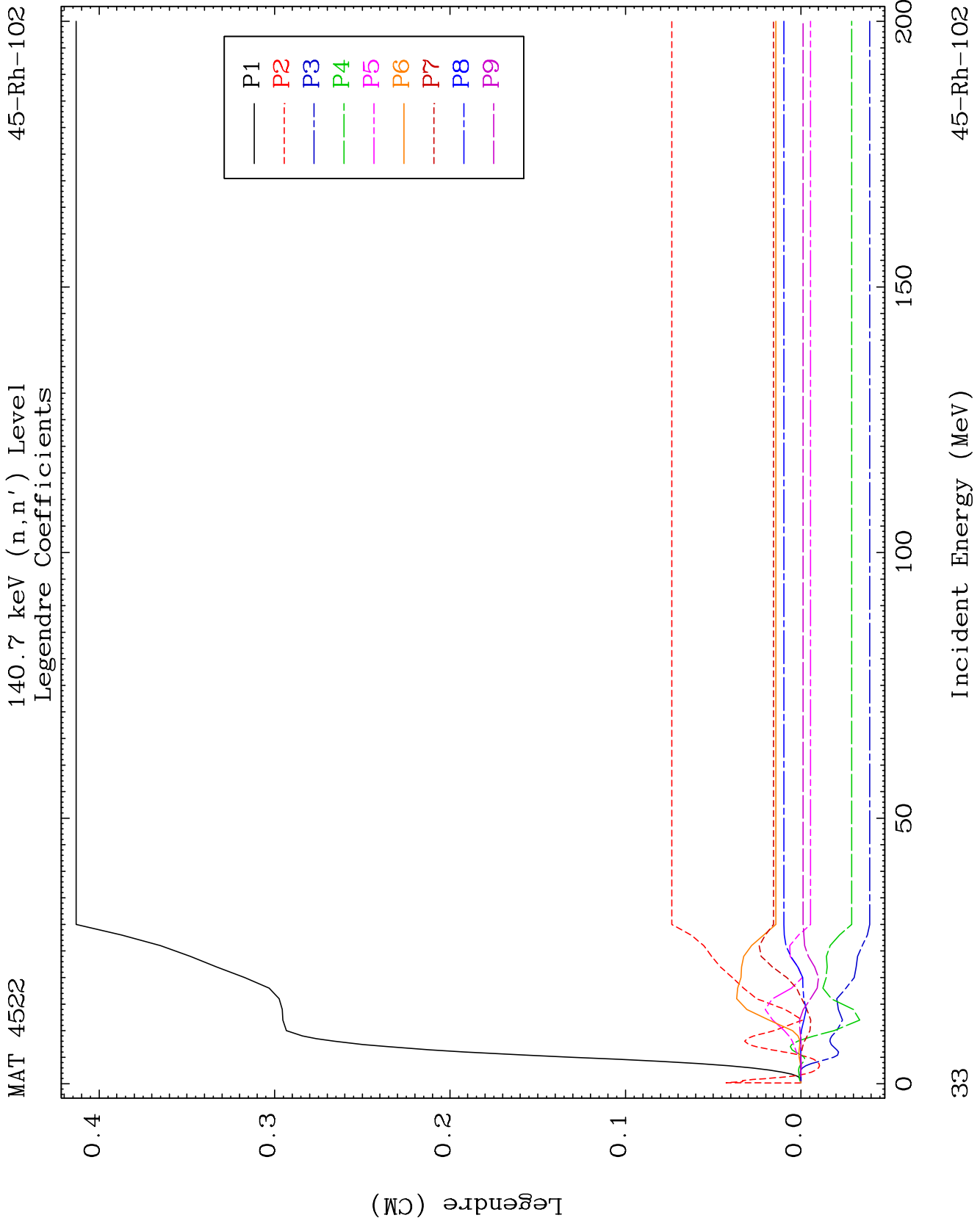
31

Incident Energy (MeV)

45-Rh-102



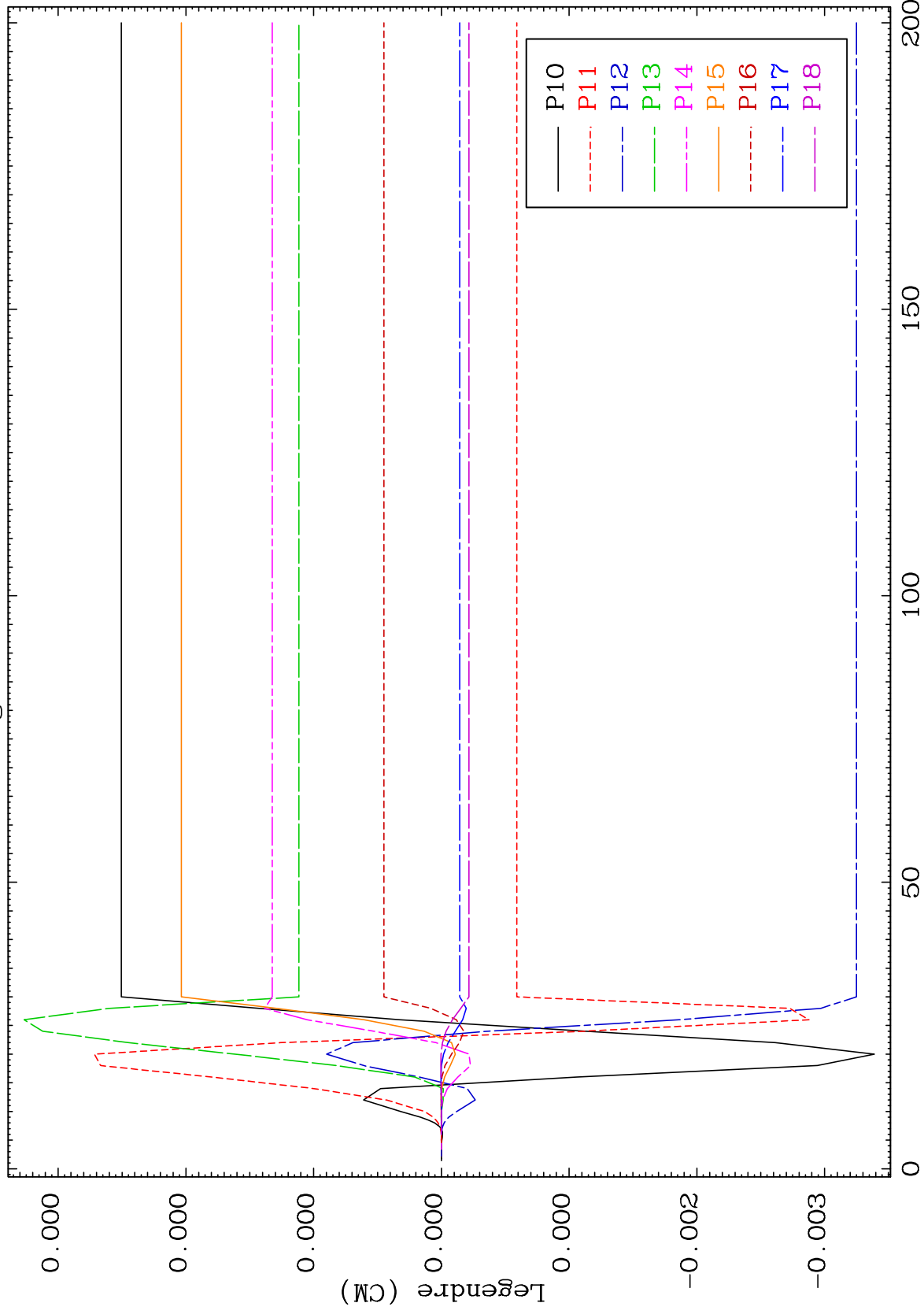




MAT 4522

140.7 keV (n,n') Level  
Legendre Coefficients

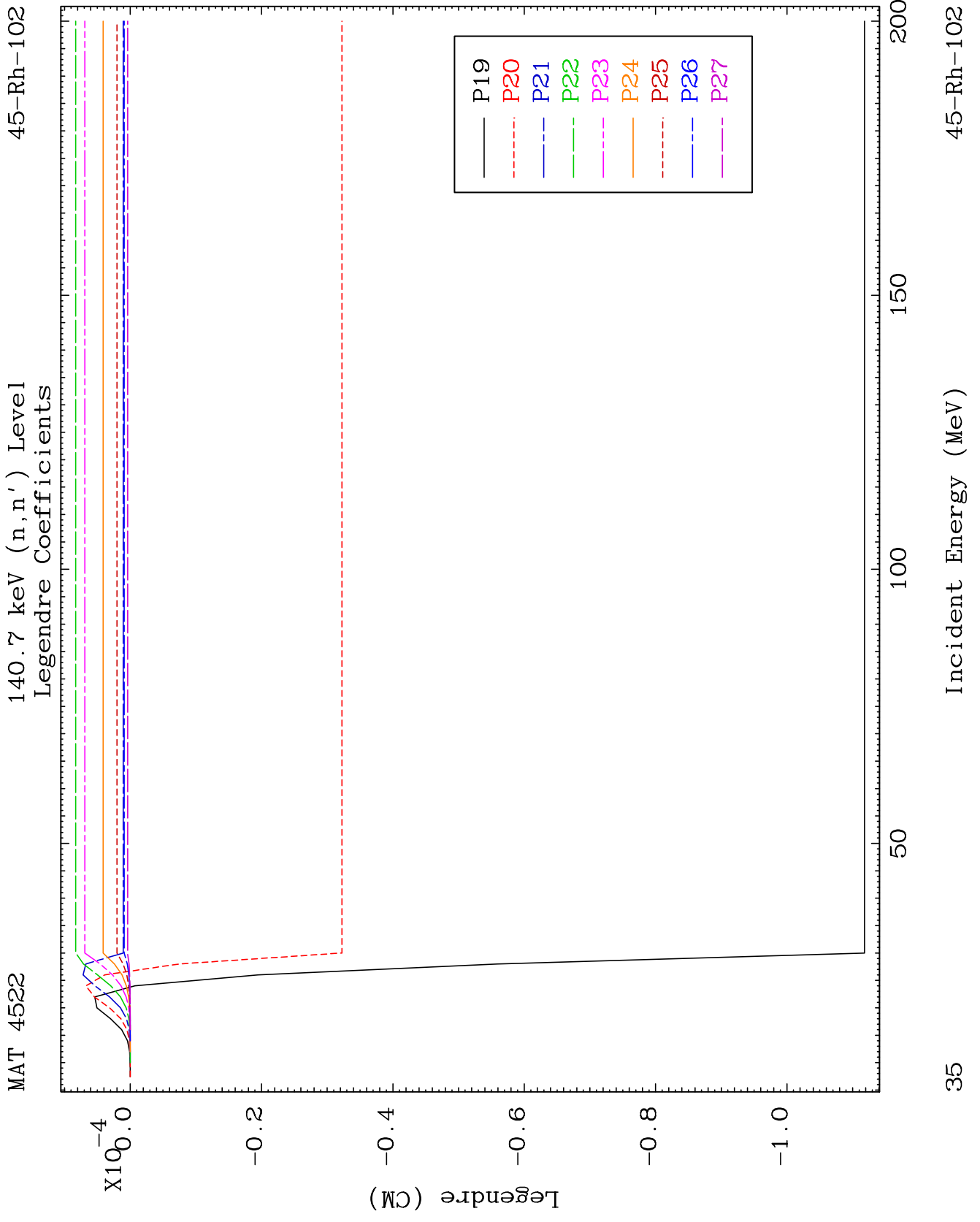
45-Rh-102

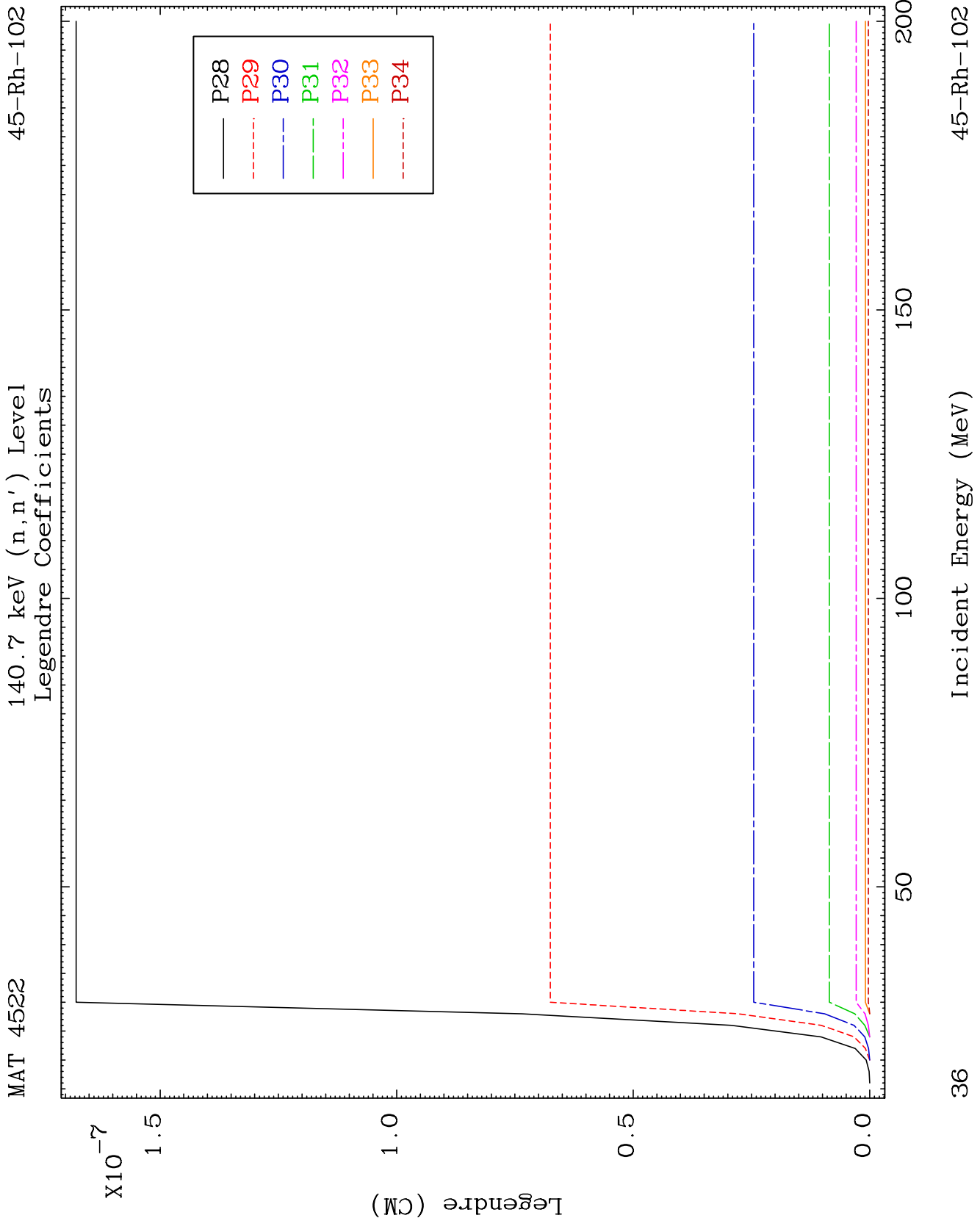


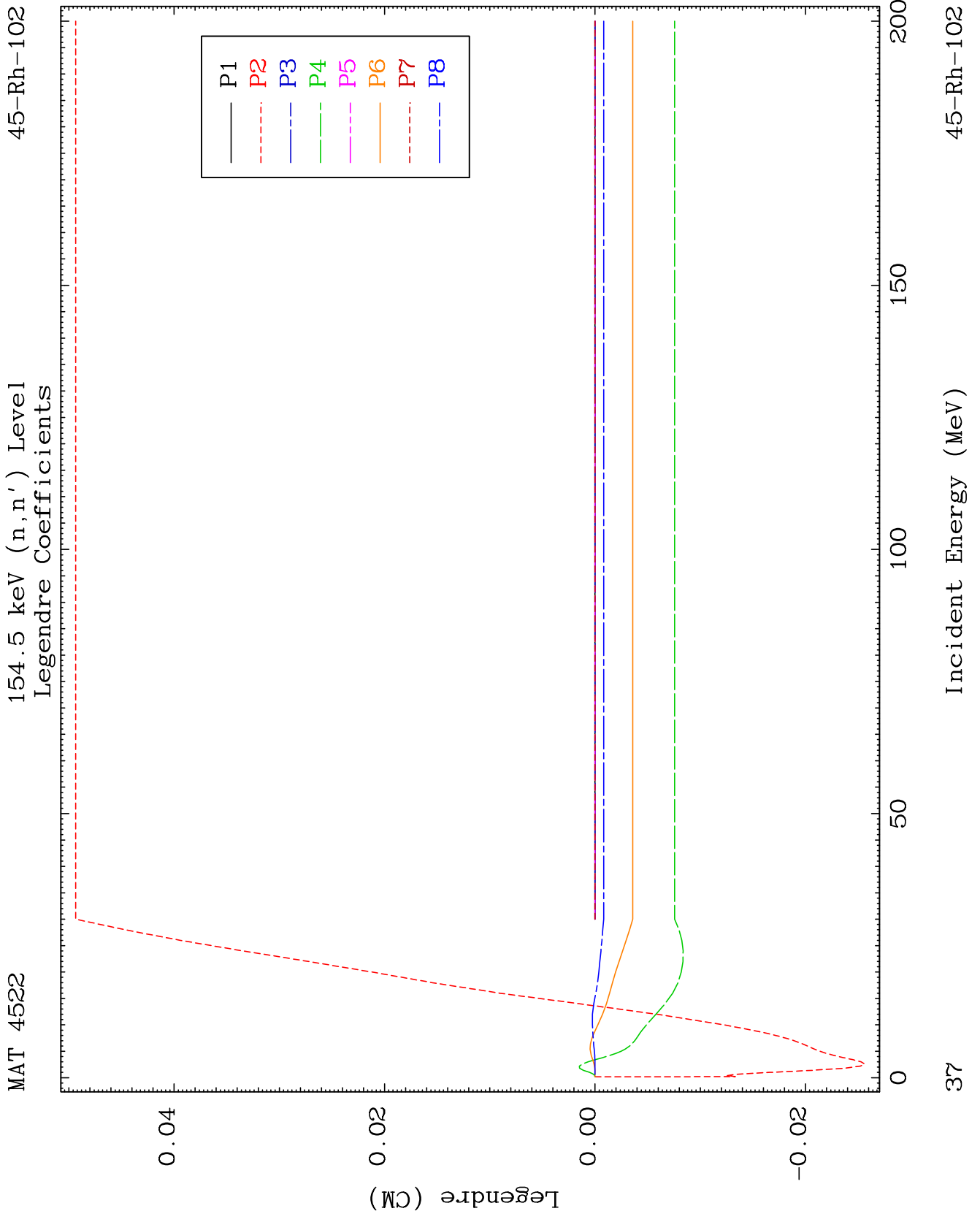
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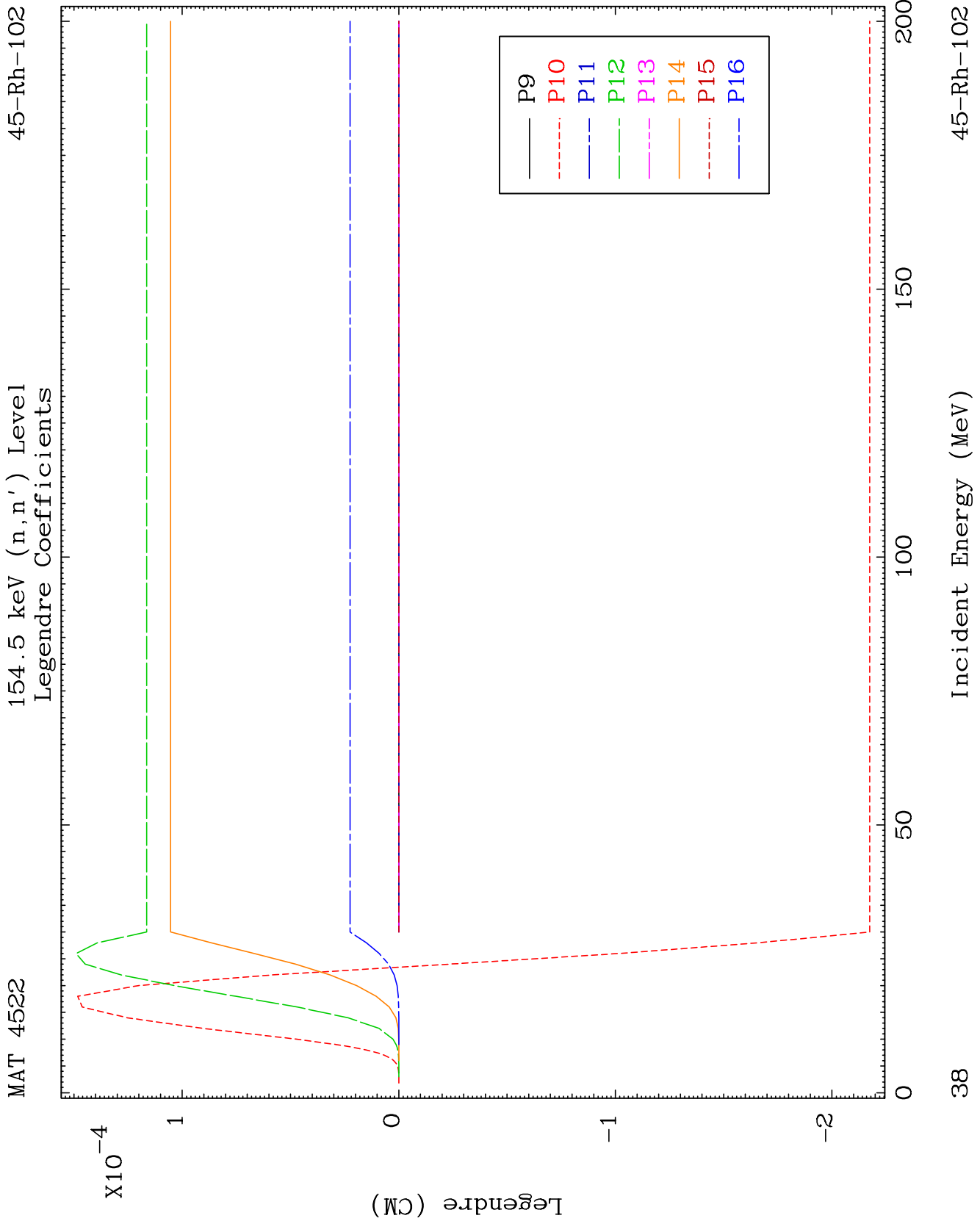
Incident Energy (MeV)

45-Rh-102





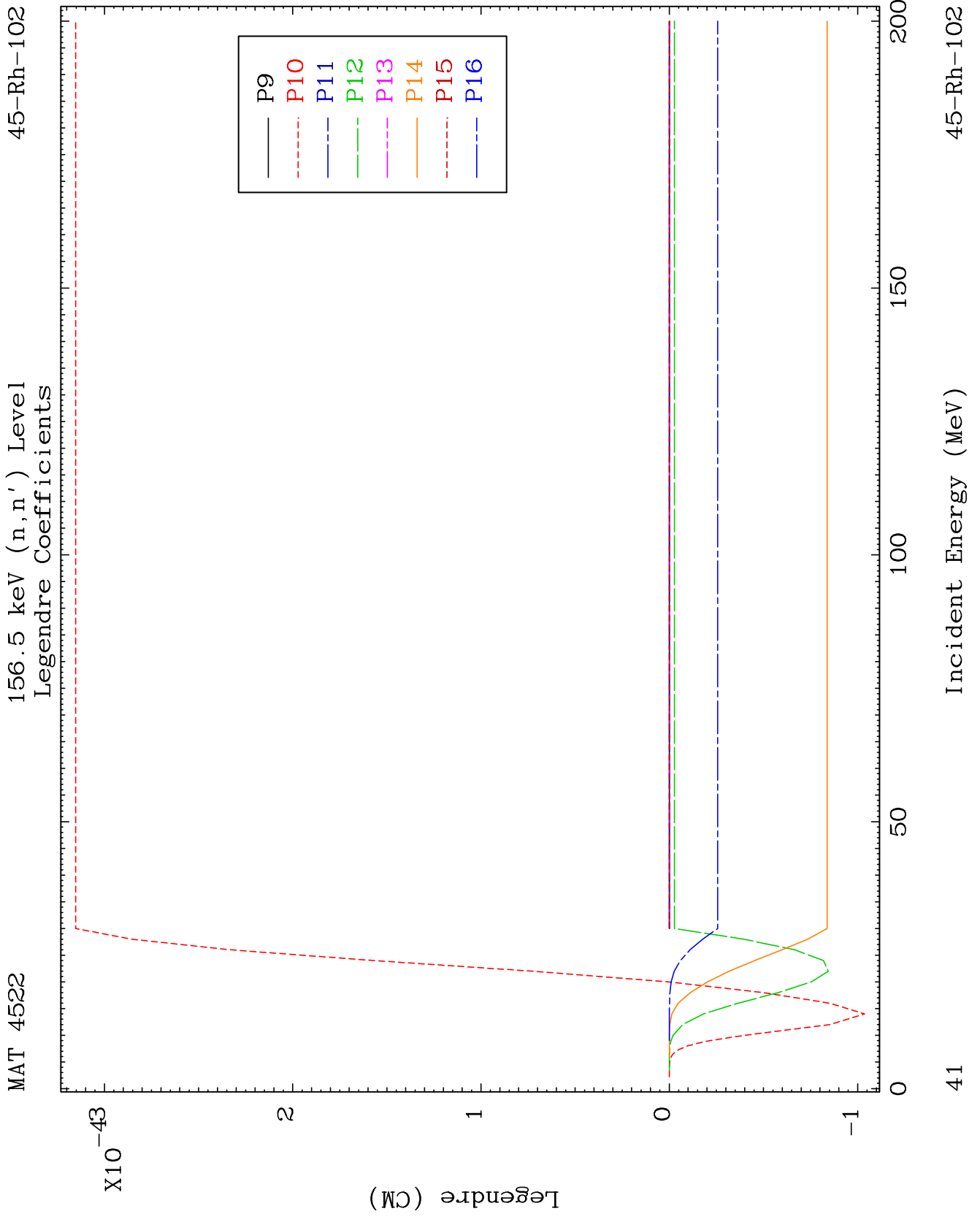




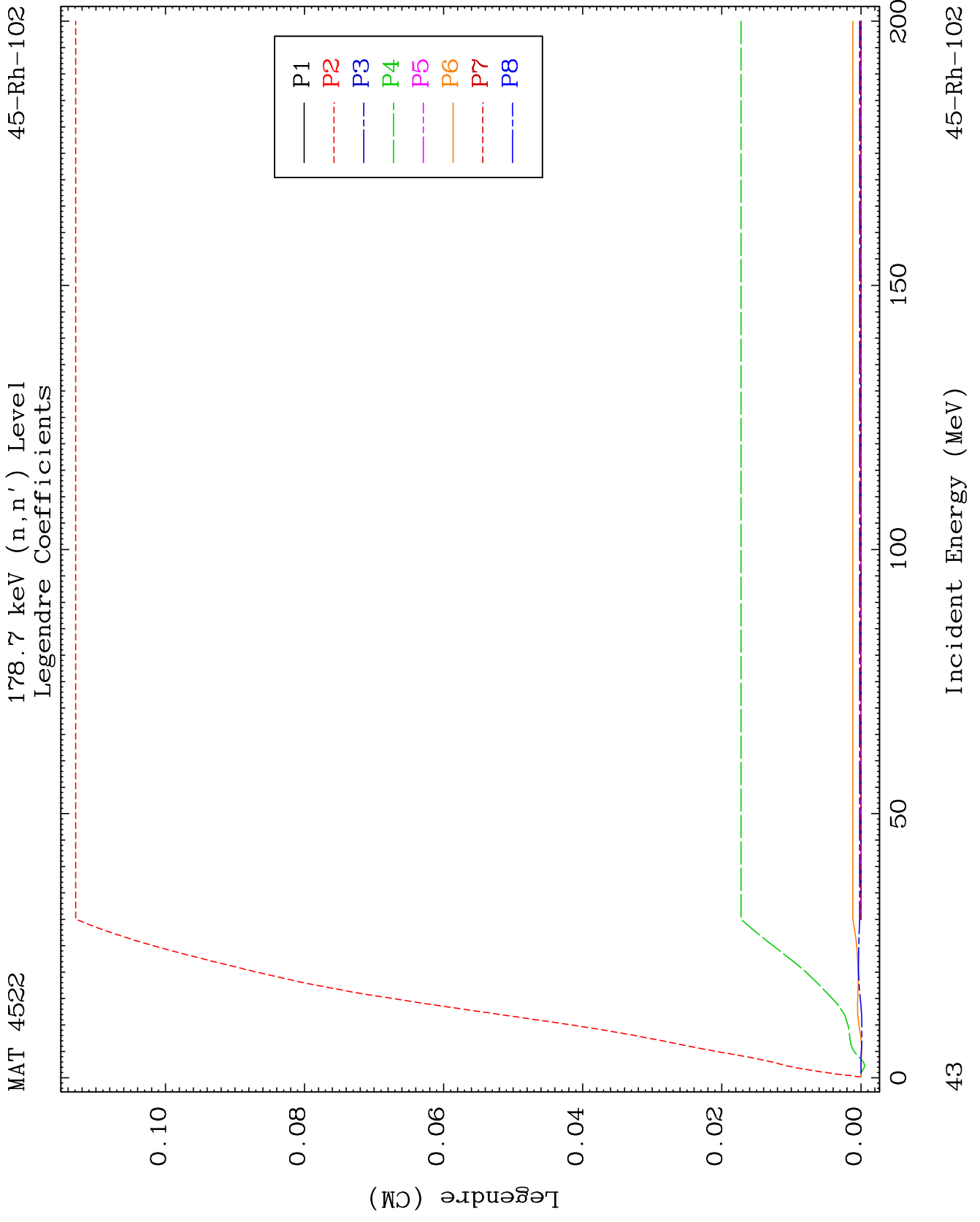


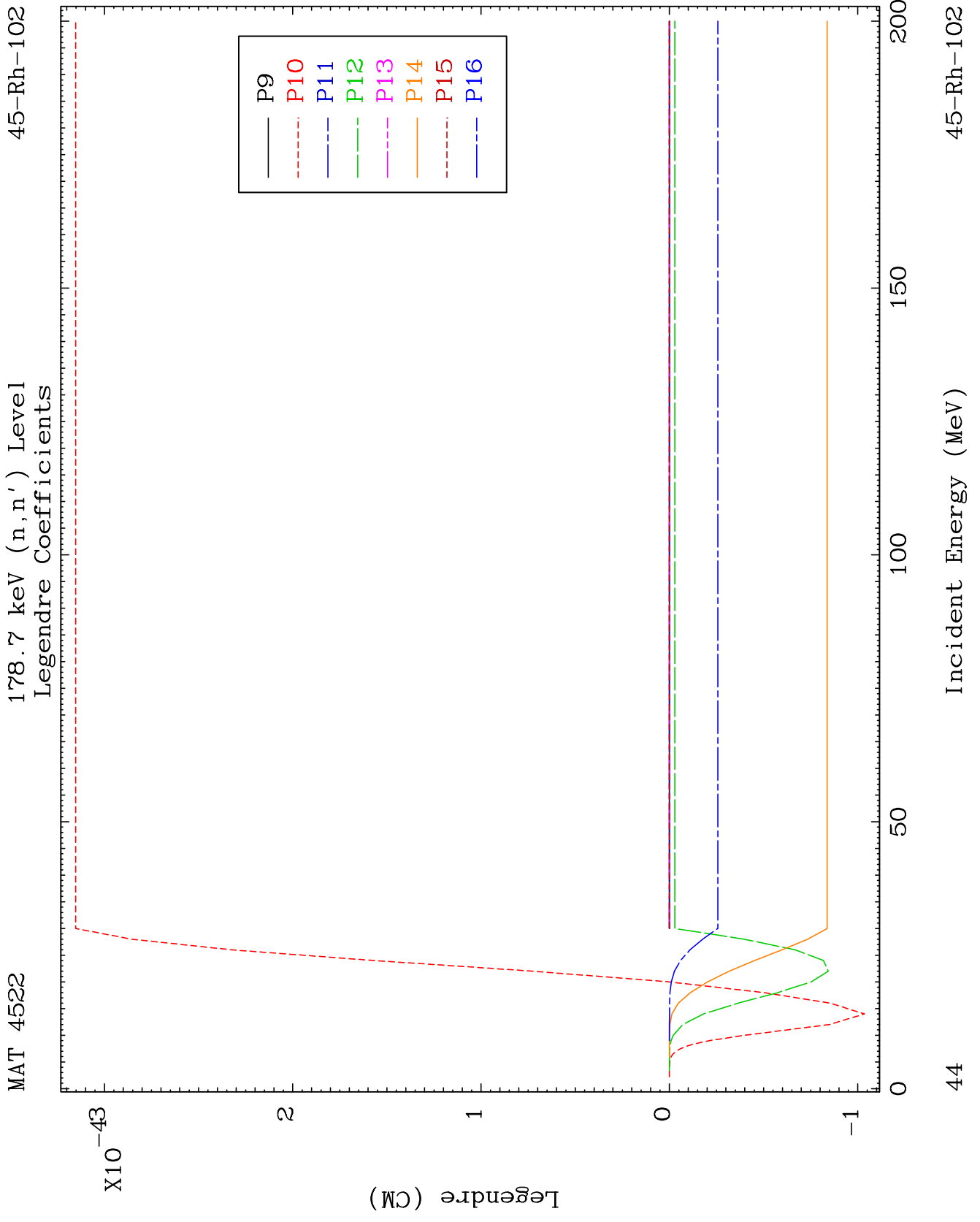


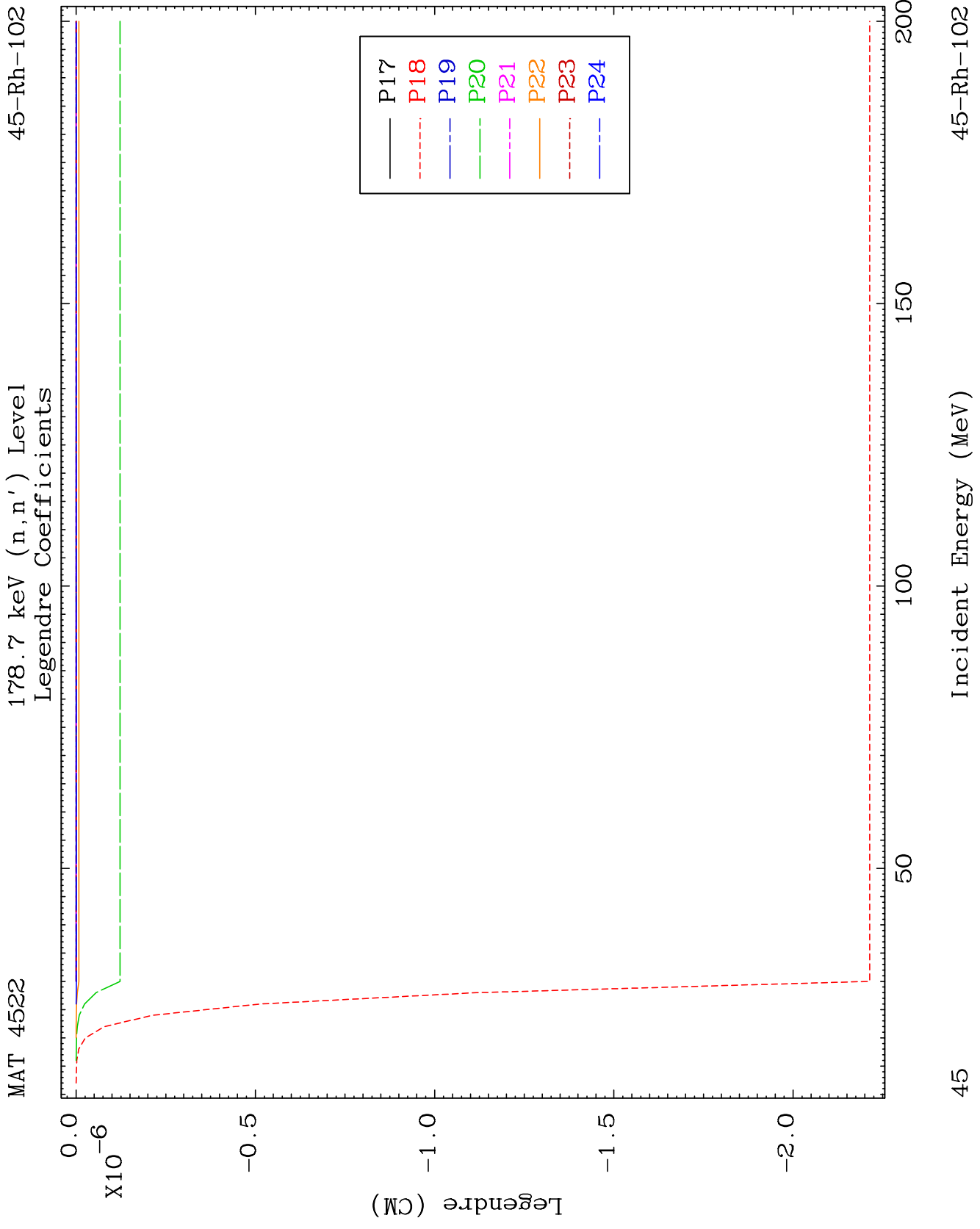








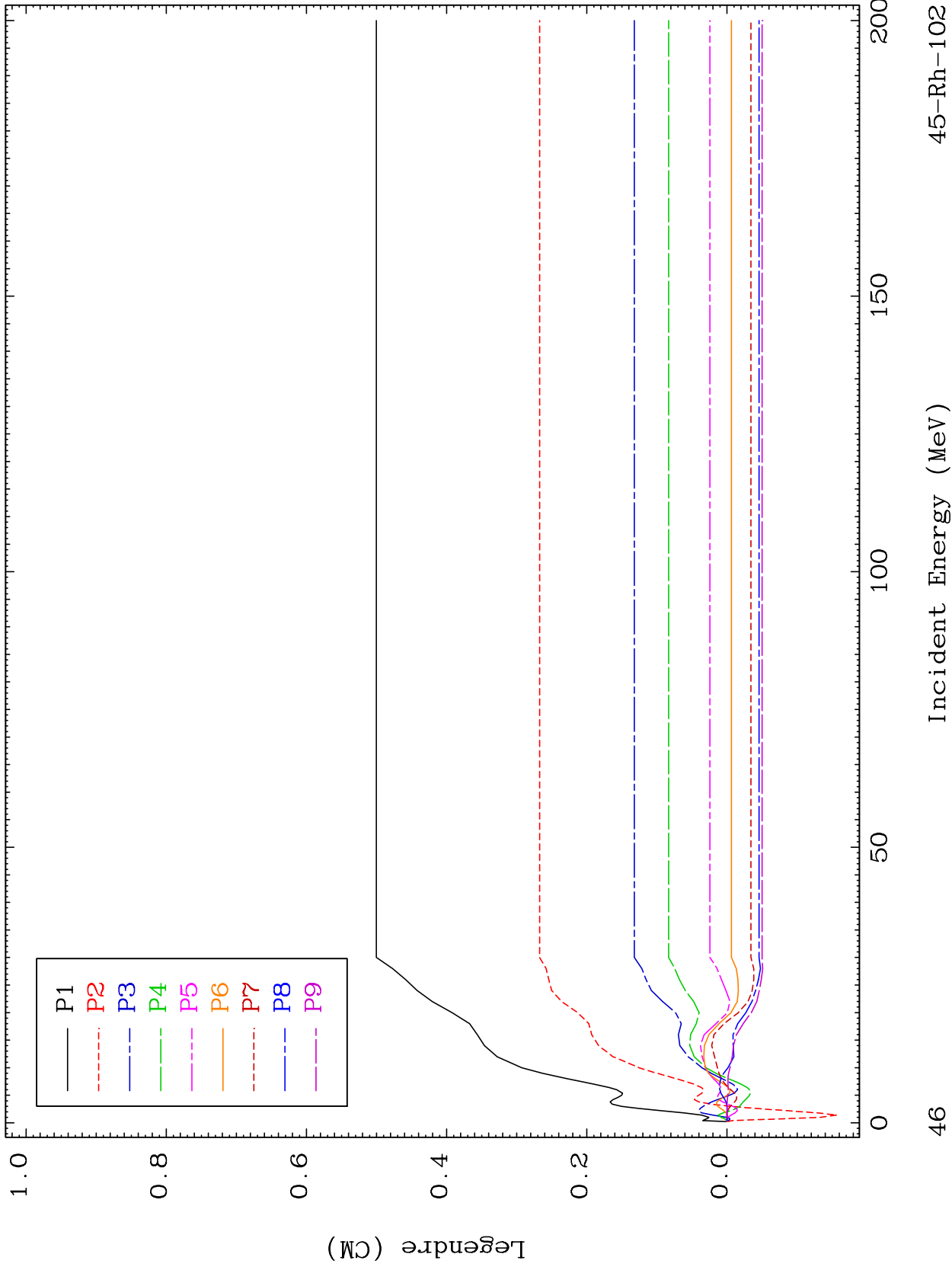




MAT 4522

206.9 keV (n,n') Level  
Legendre Coefficients

45-Rh-102



45-Rh-102

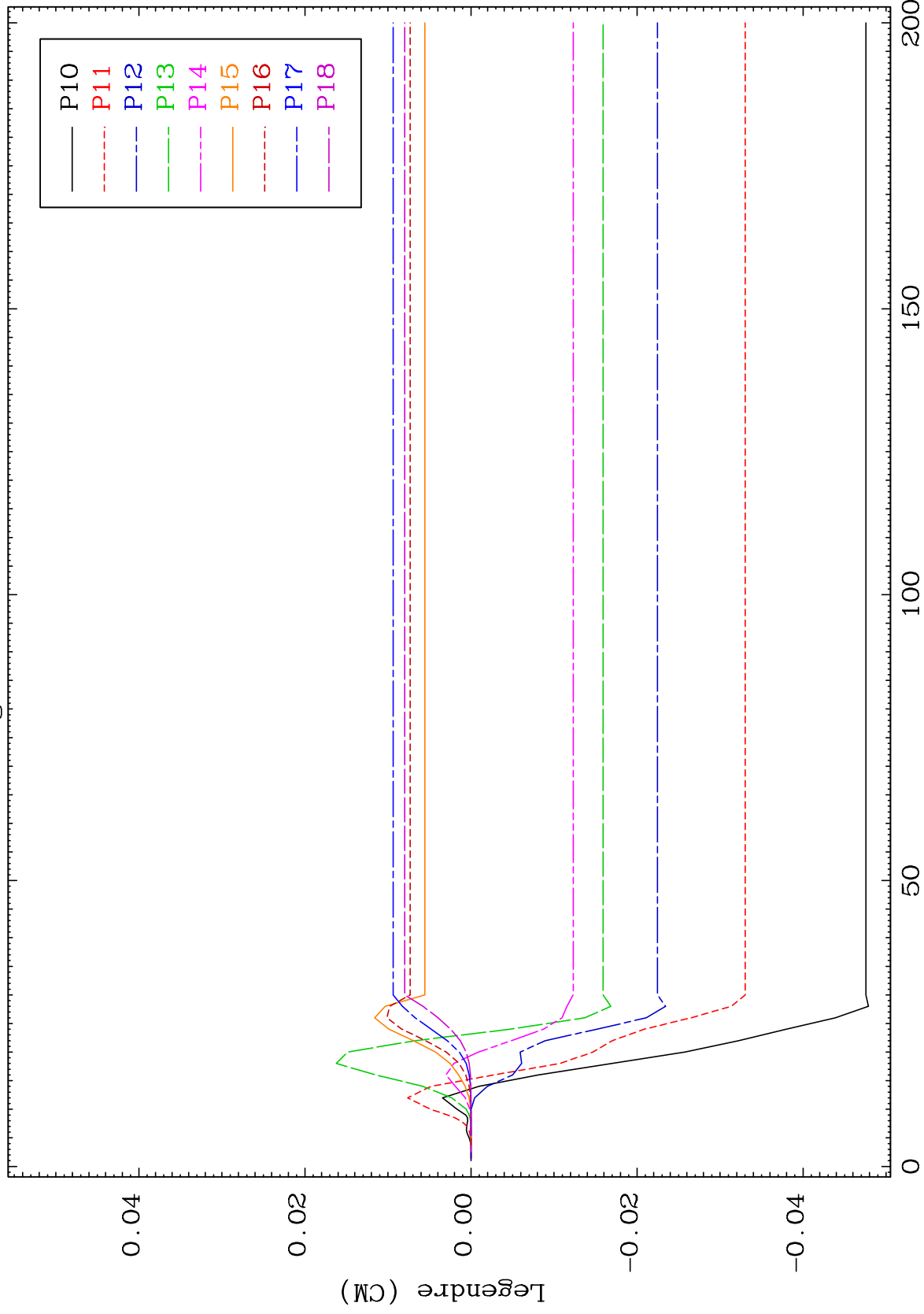
Incident Energy (MeV)

46

MAT 4522

206.9 keV (n,n') Level  
Legendre Coefficients

45-Rh-102

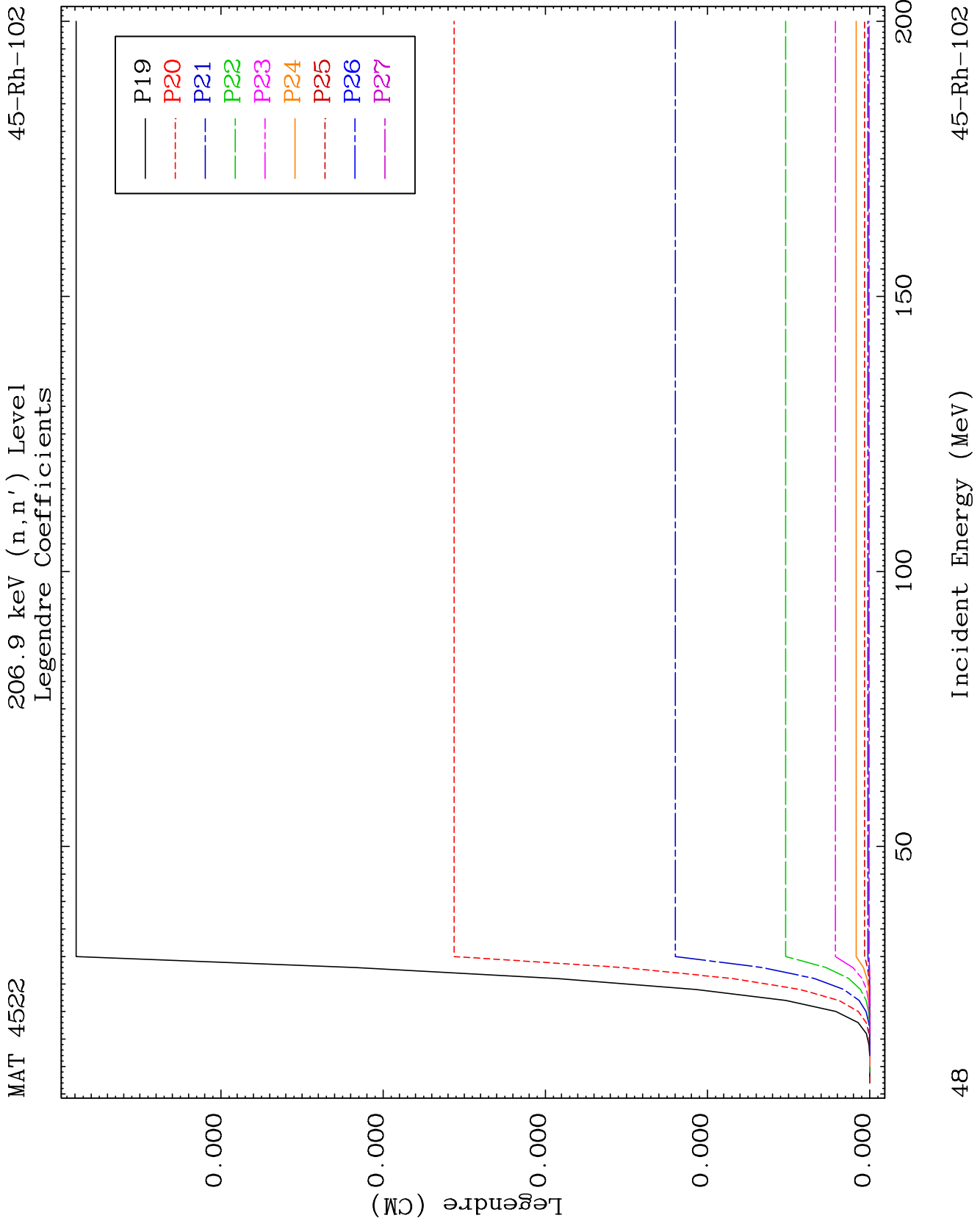


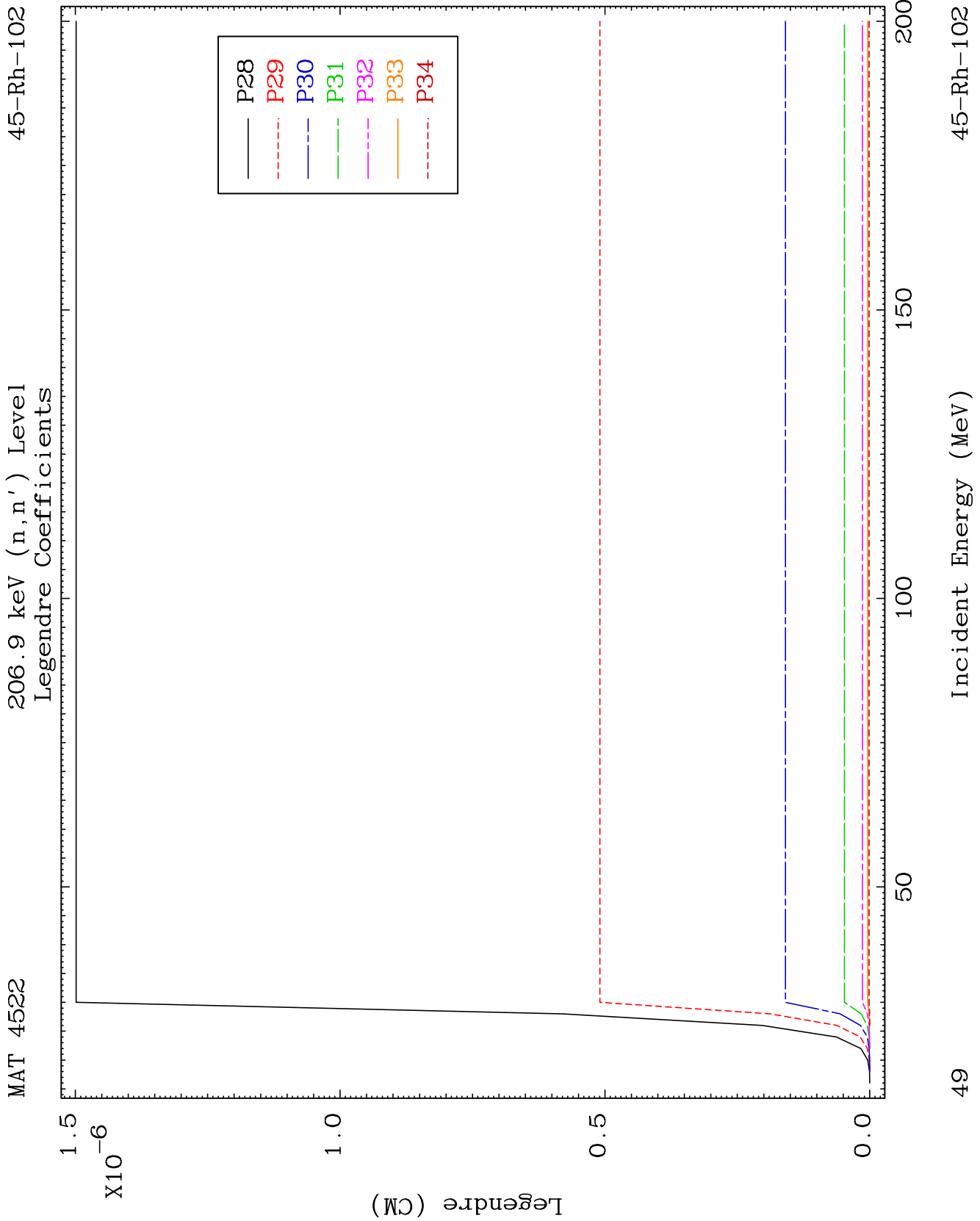
47

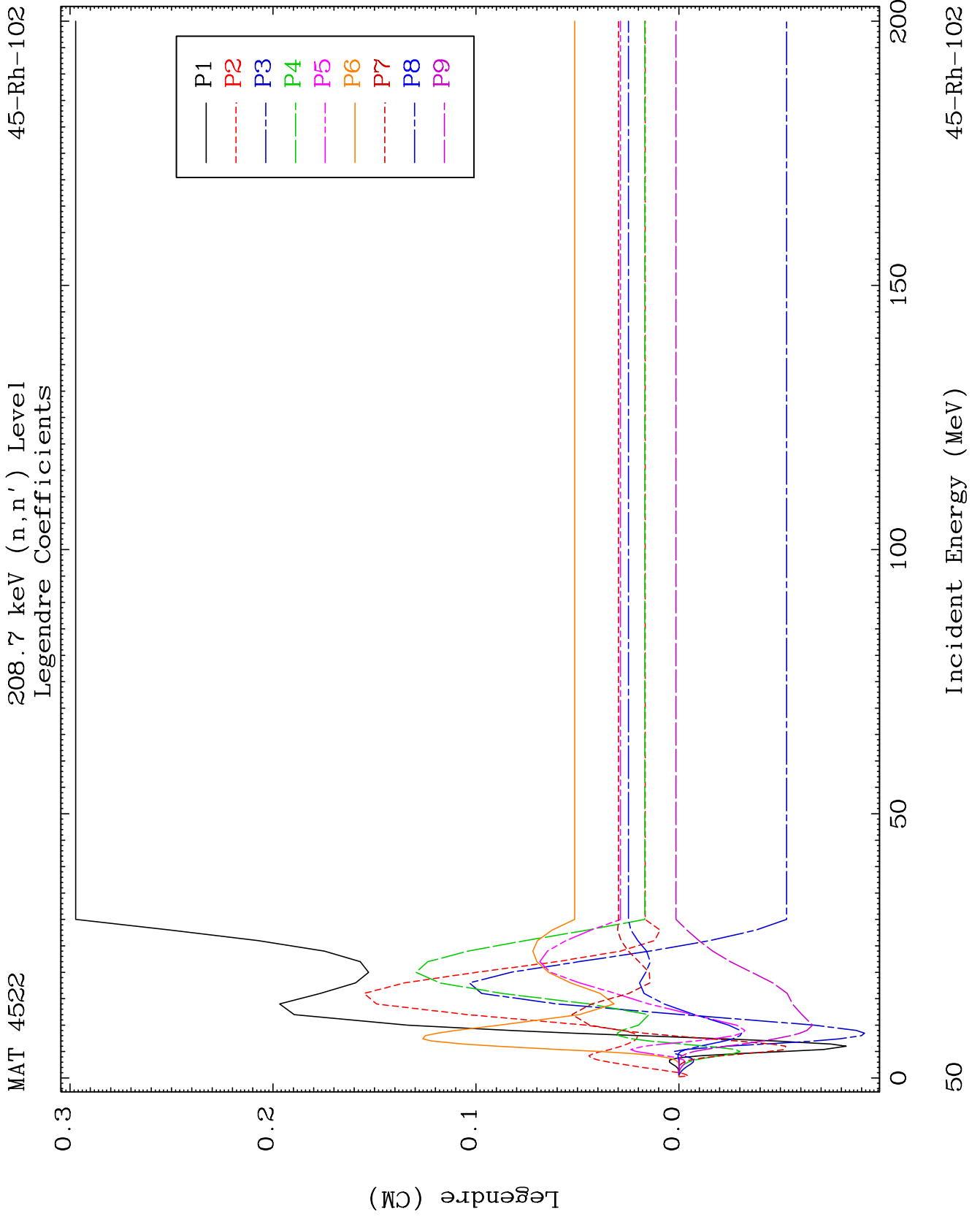
Incident Energy (MeV)

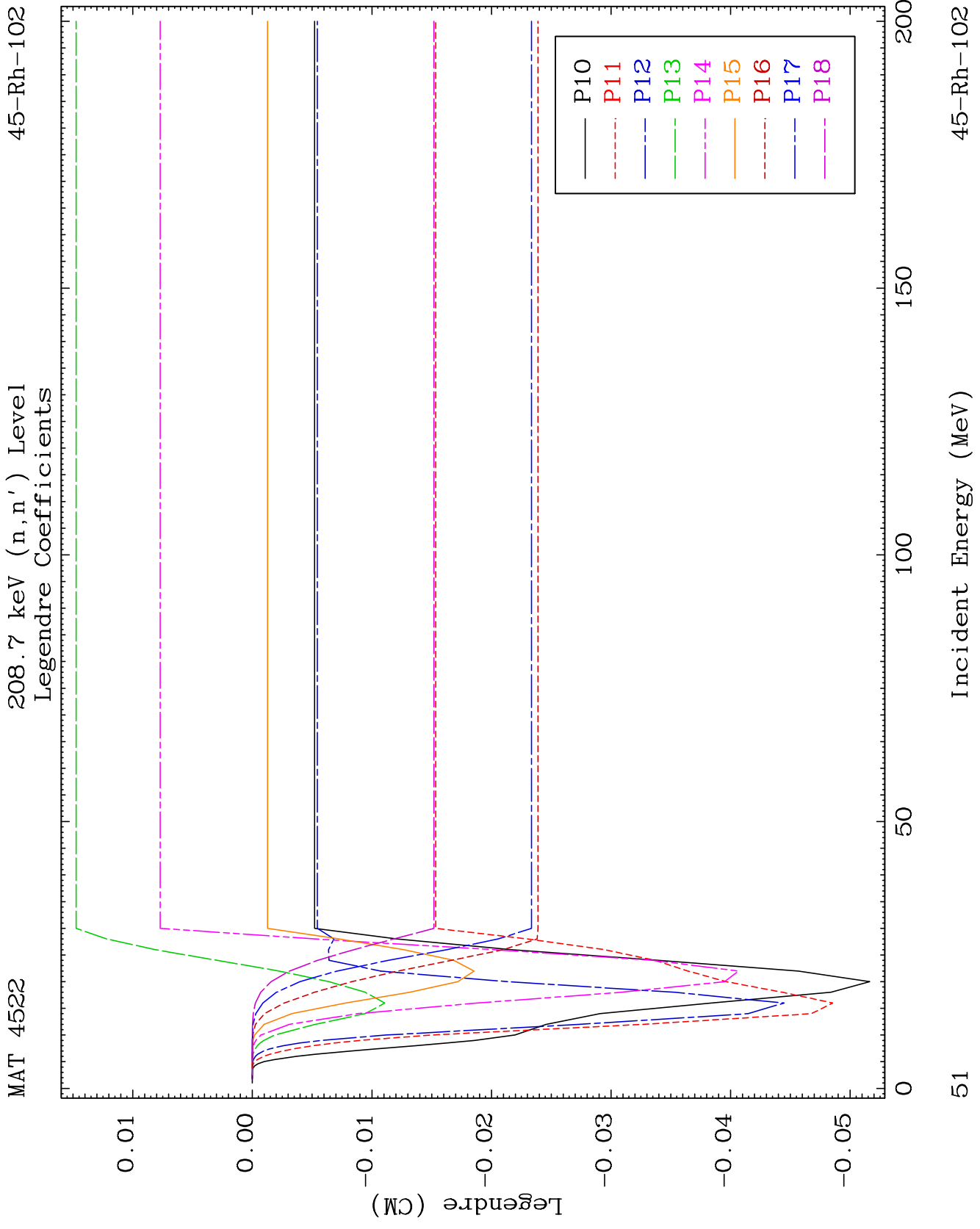
45-Rh-102

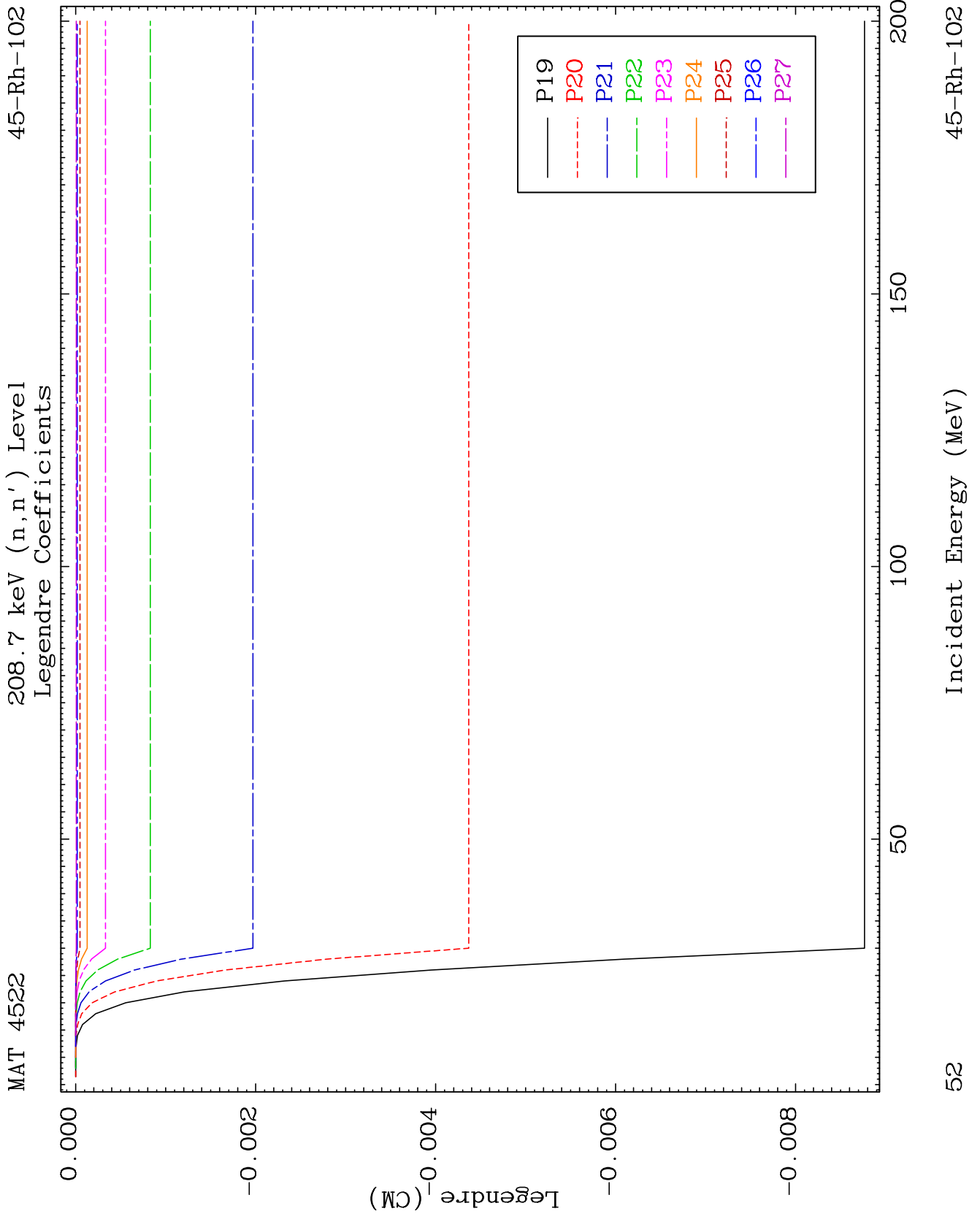


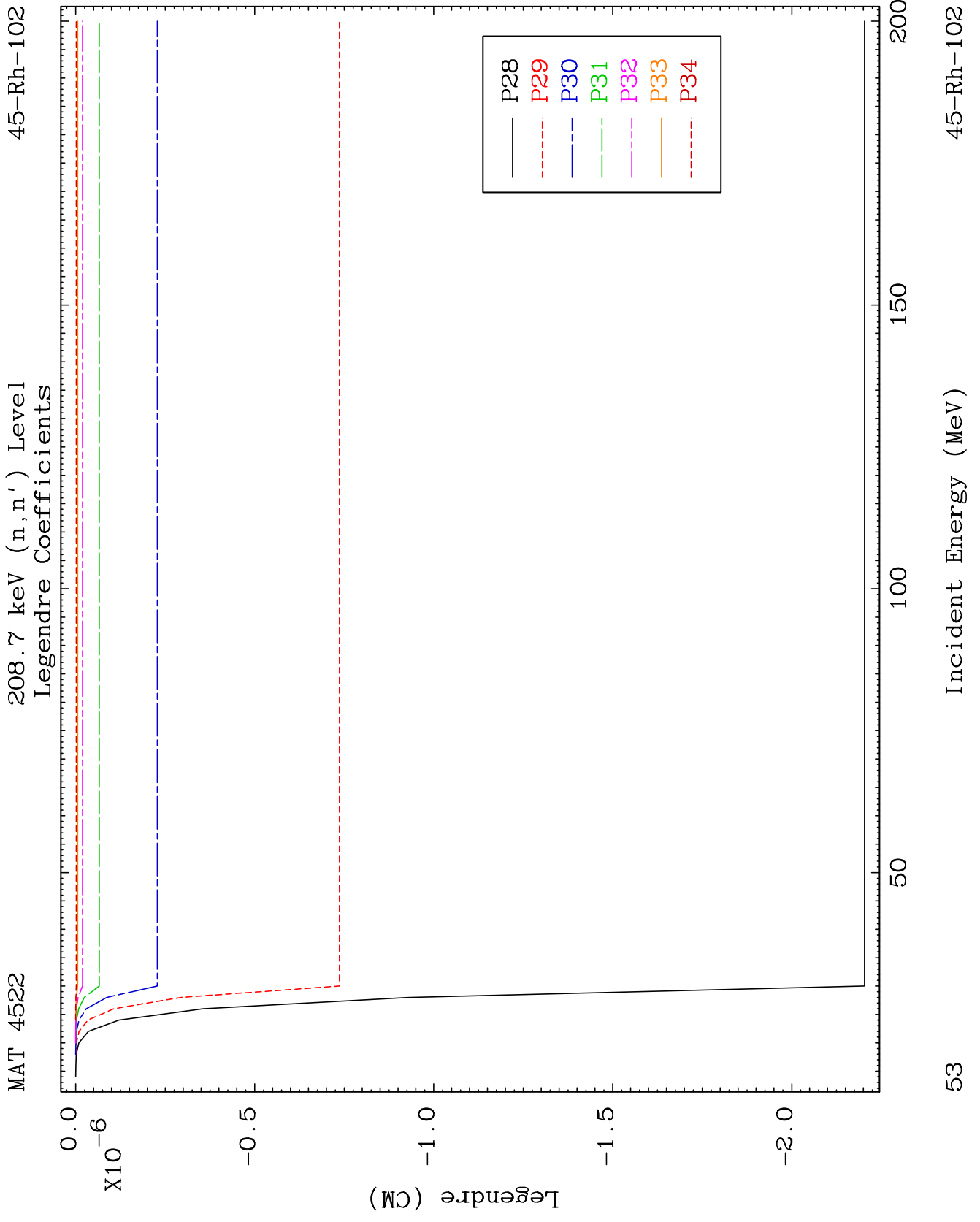








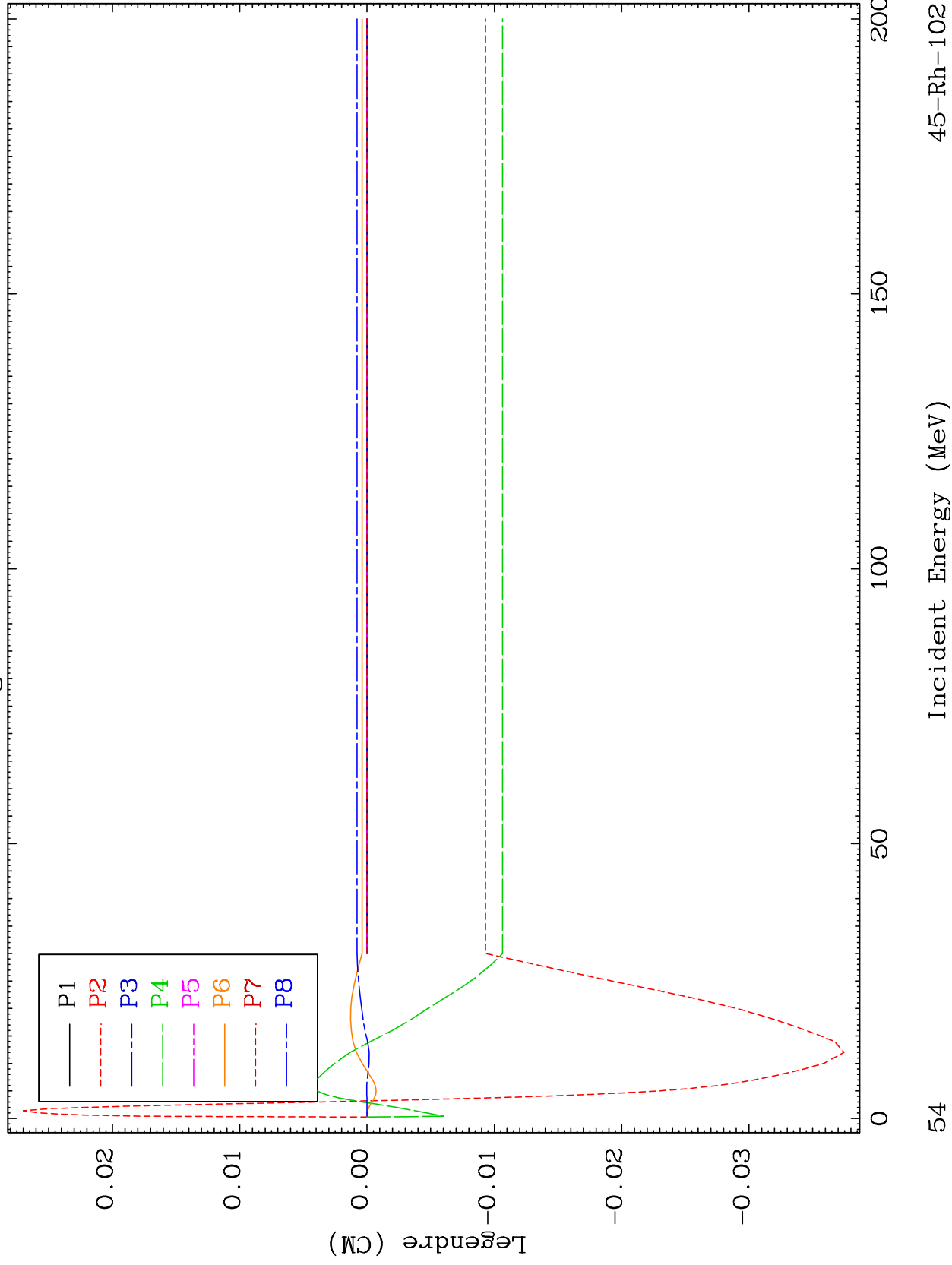




MAT 4522

242.3 keV (n,n') Level  
Legendre Coefficients

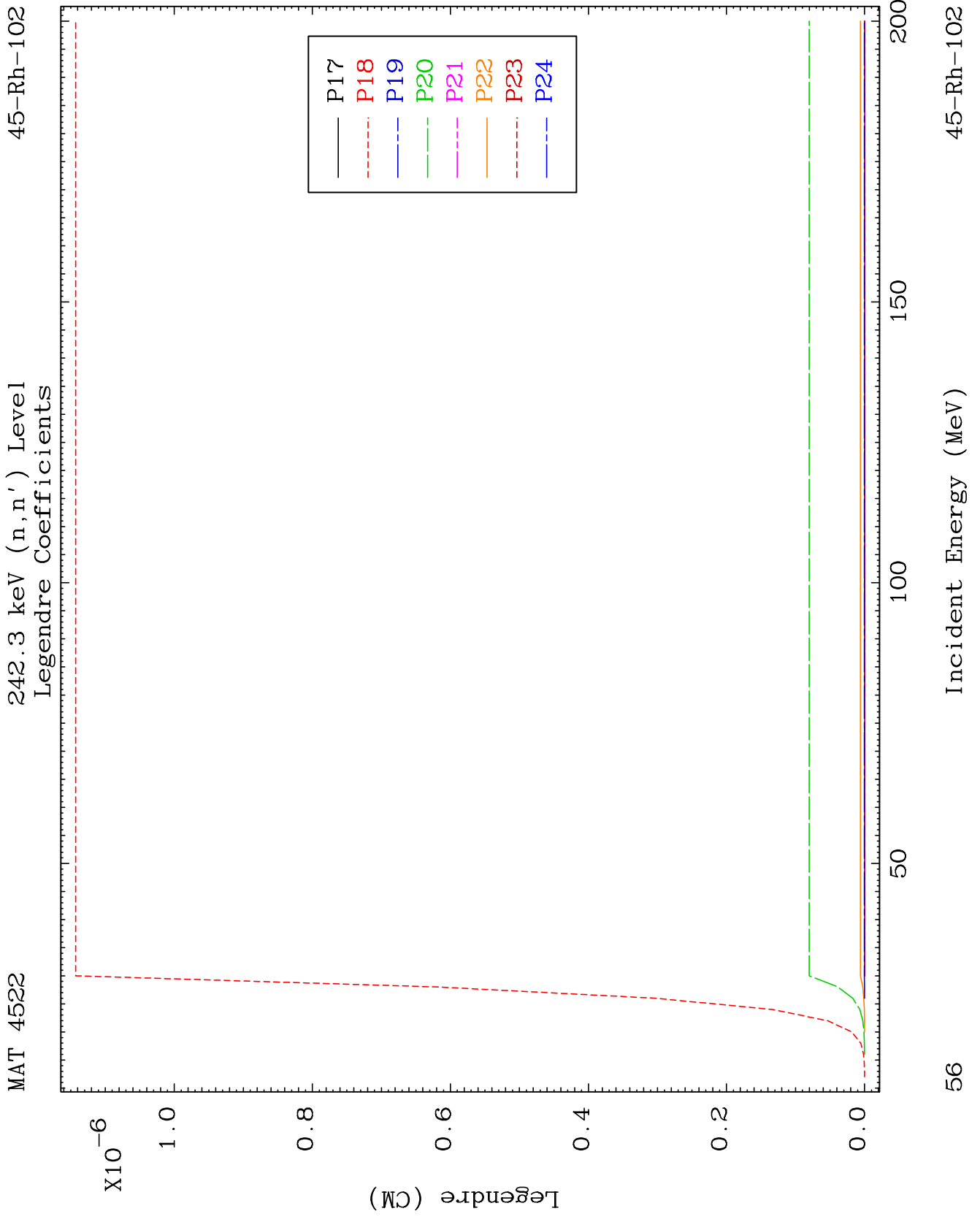
45-Rh-102

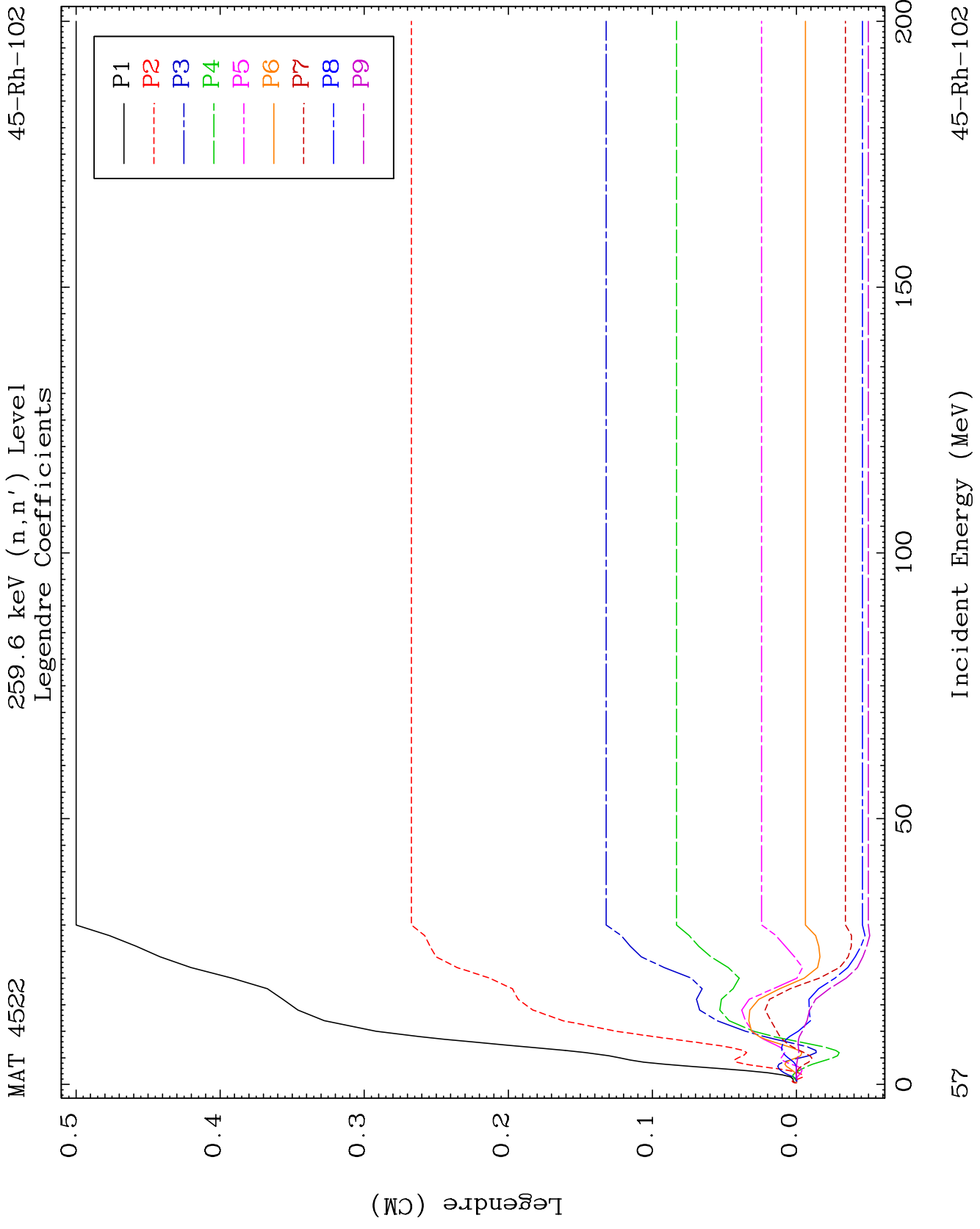


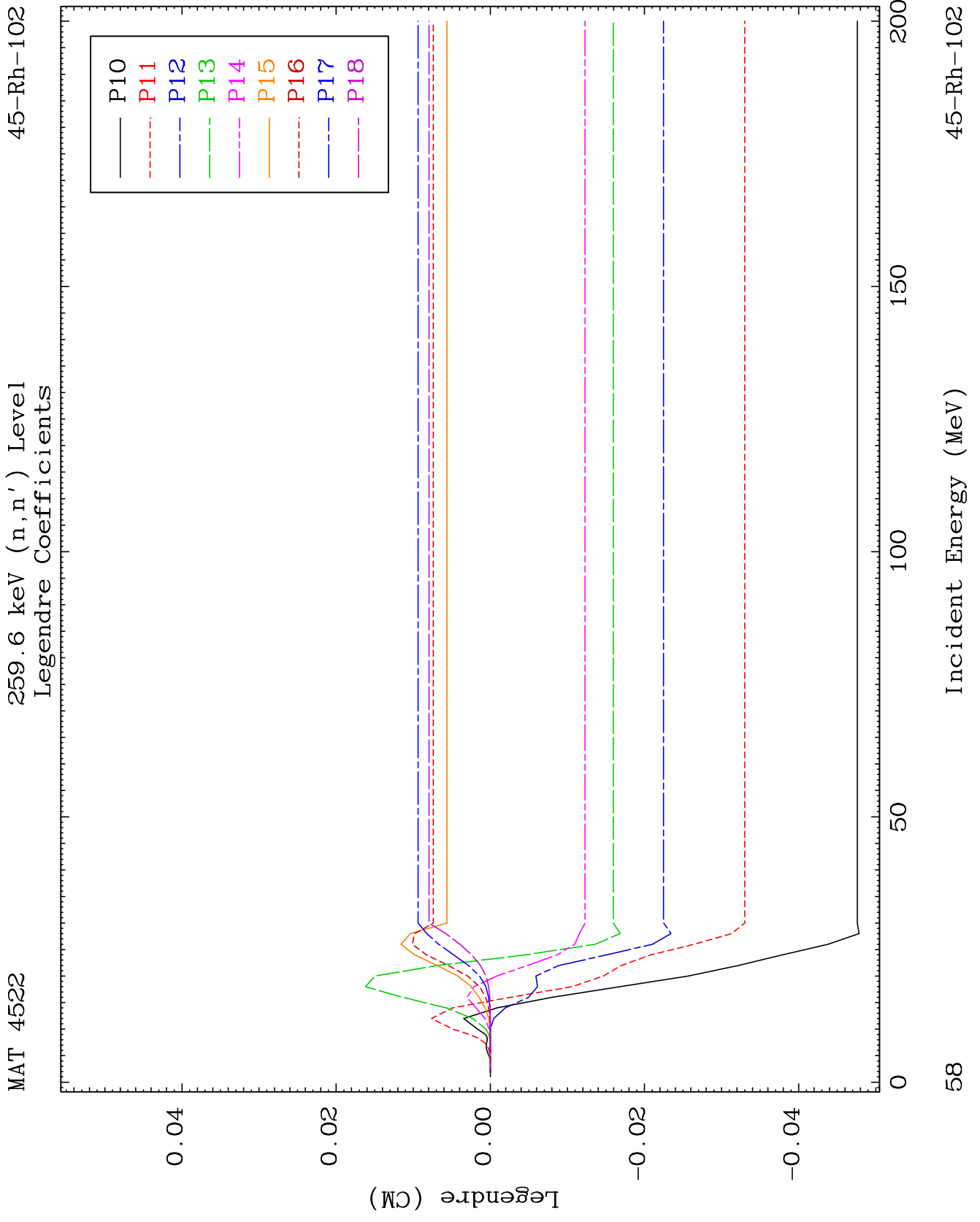
54







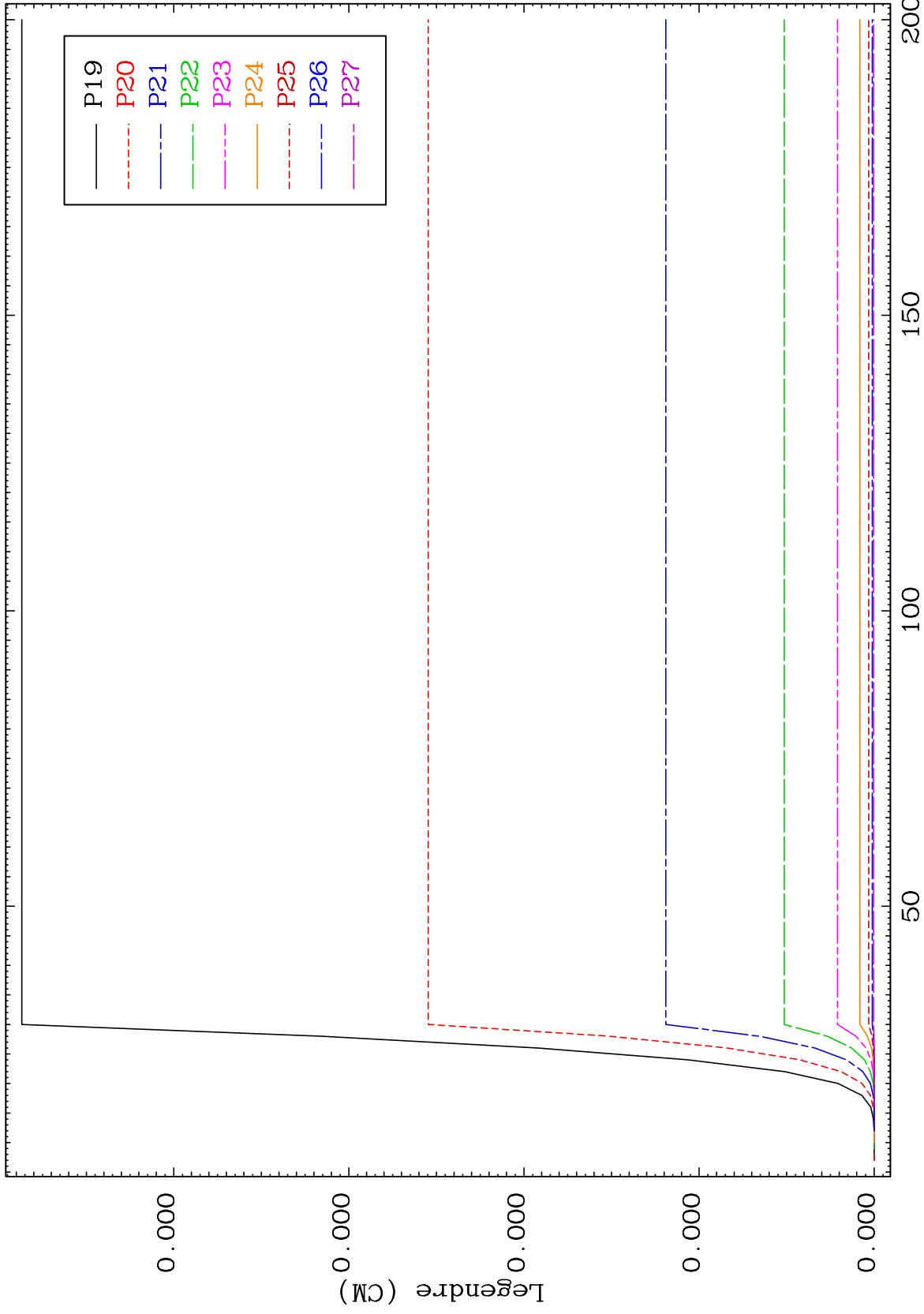




MAT 4522

259.6 keV (n,n') Level  
Legendre Coefficients

45-Rh-102



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Incident Energy (MeV)

45-Rh-102

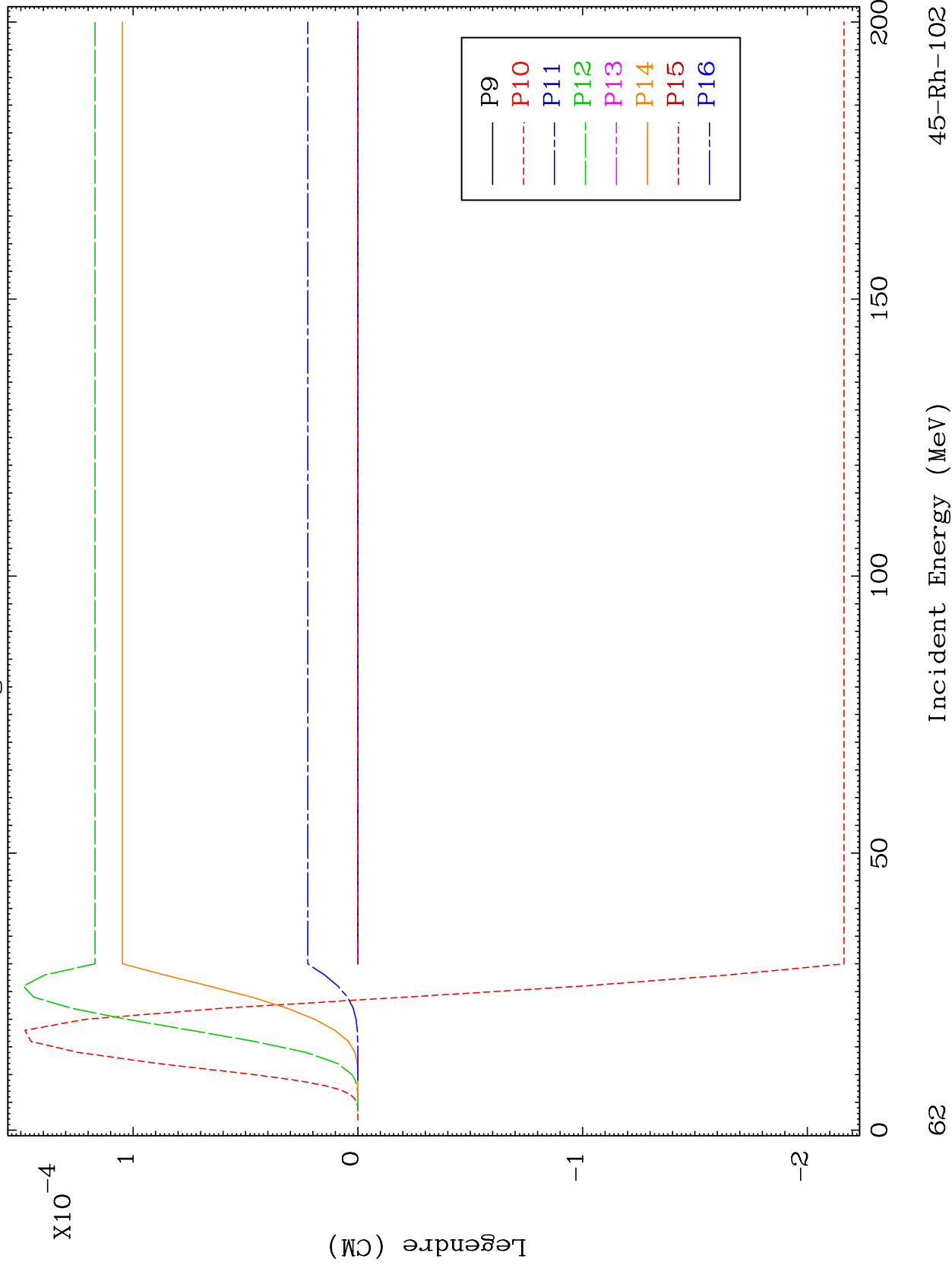




MAT 4522

263.8 keV (n,n') Level  
Legendre Coefficients

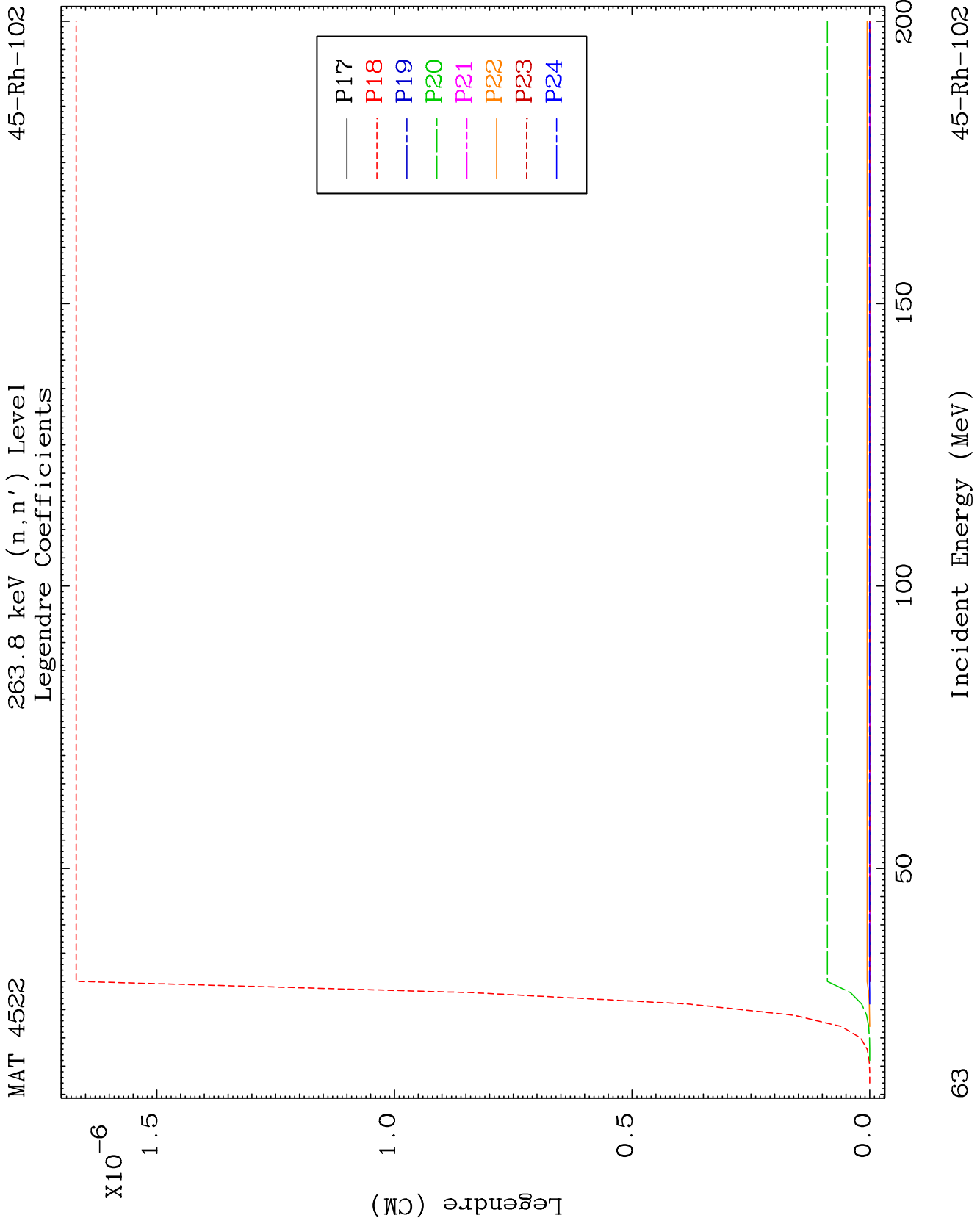
45-Rh-102



45-Rh-102

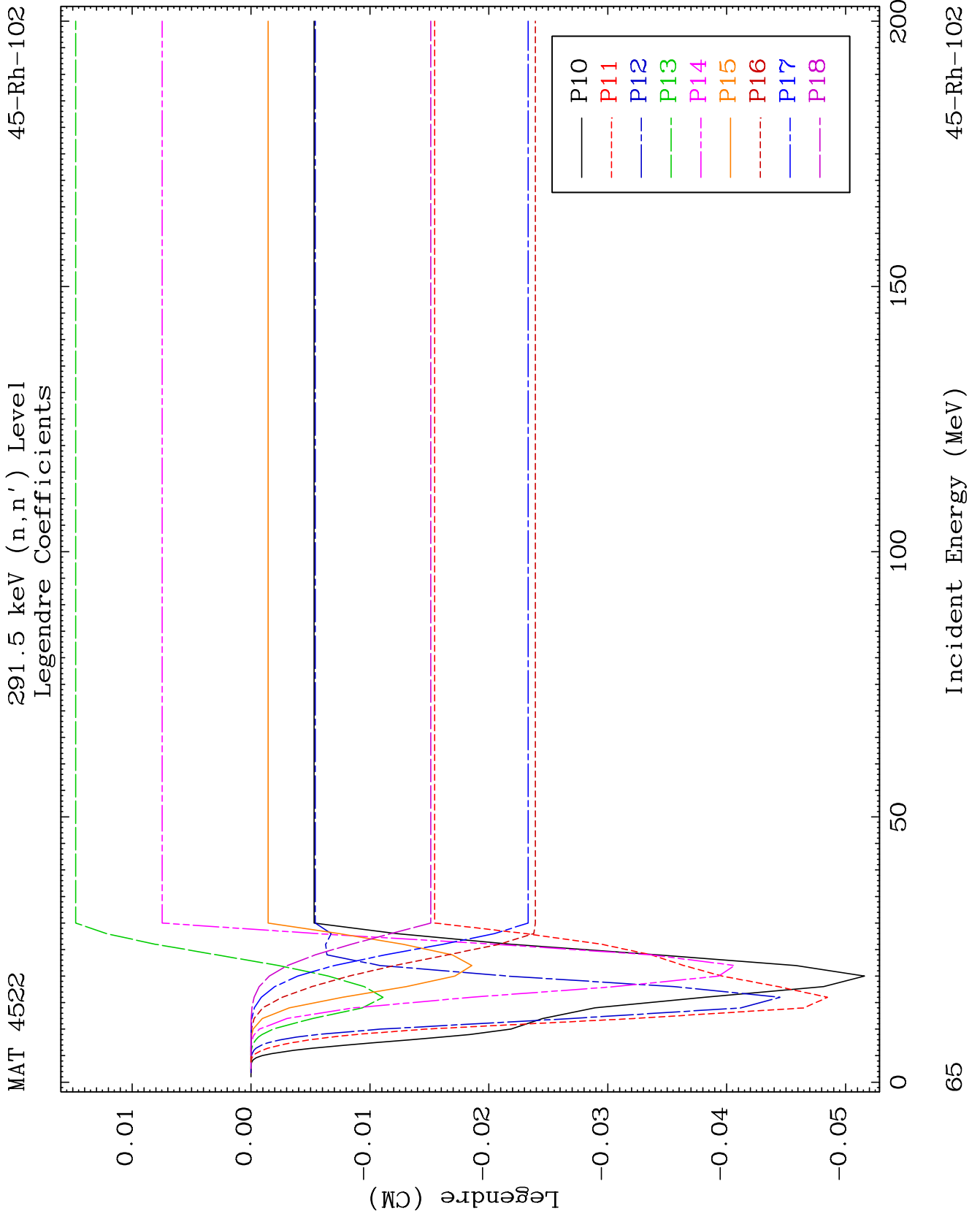
Incident Energy (MeV)

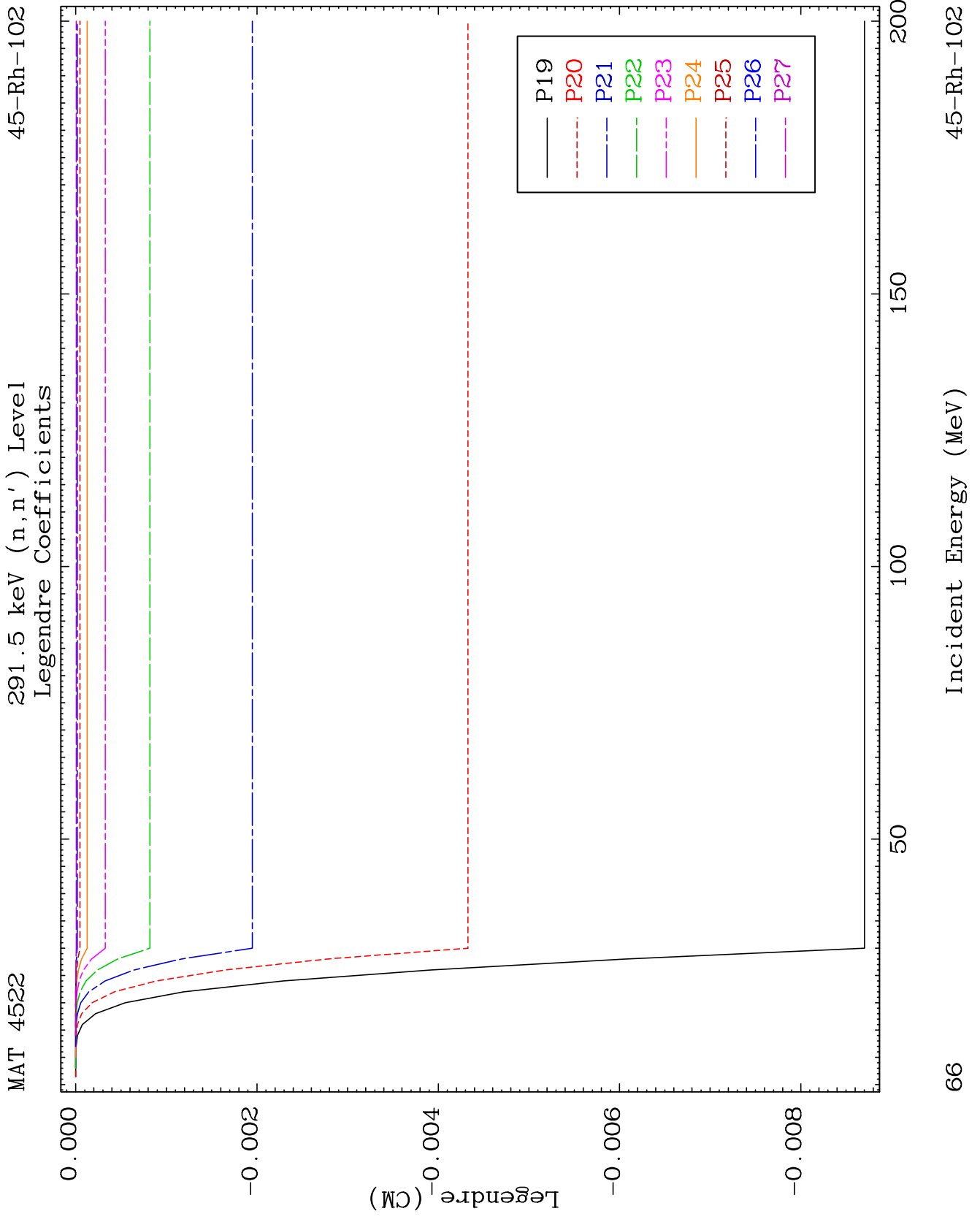
62

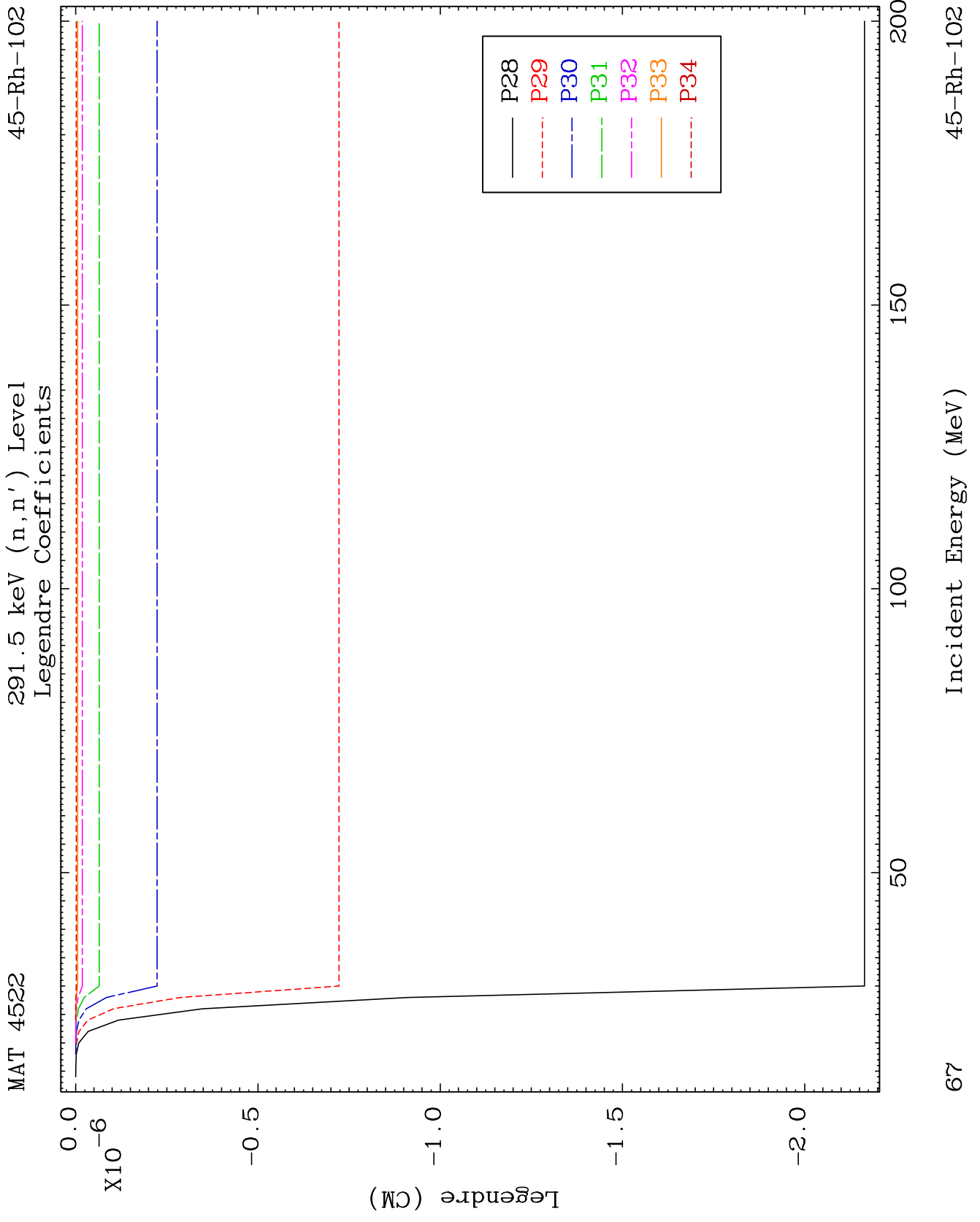








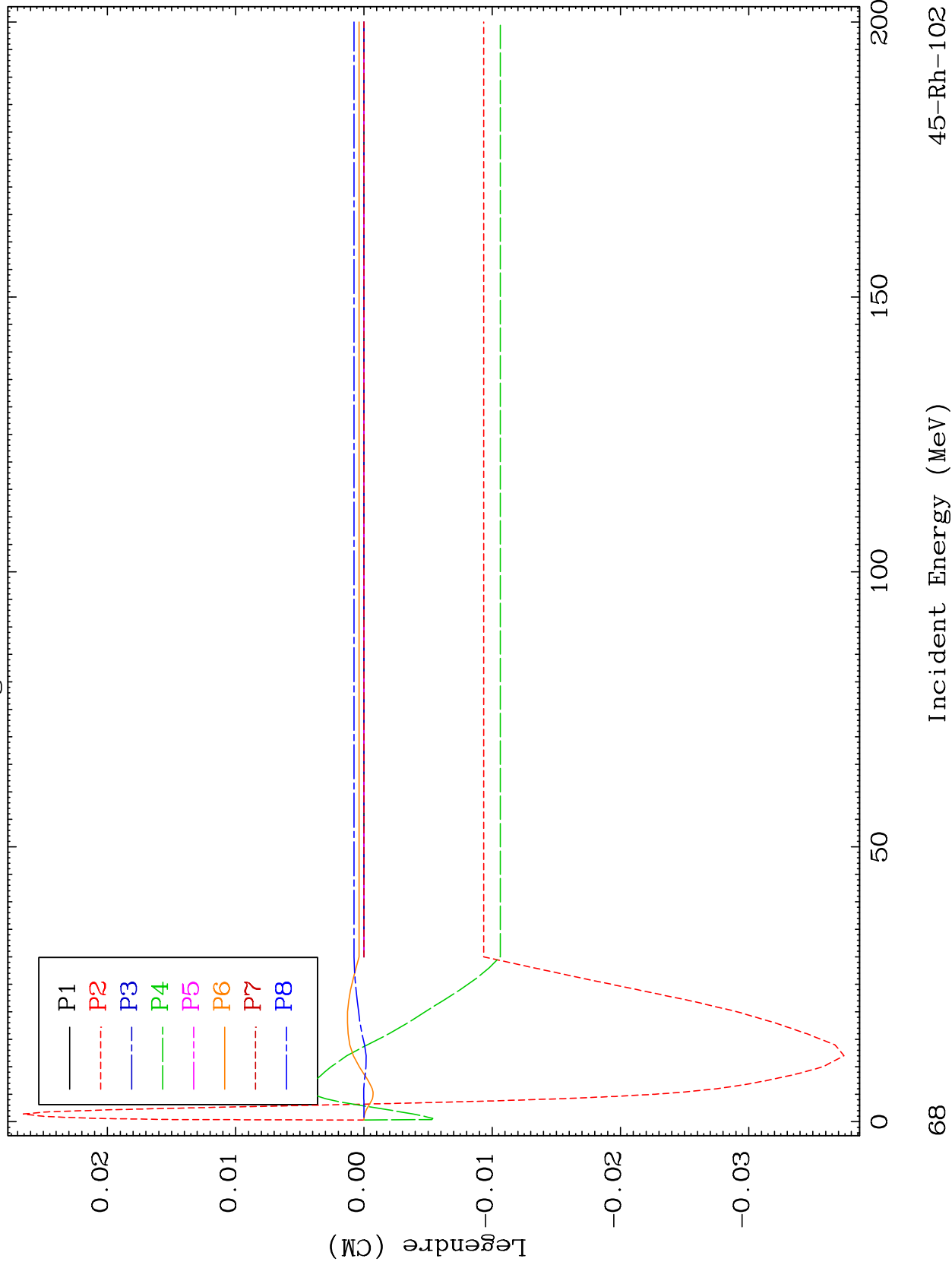




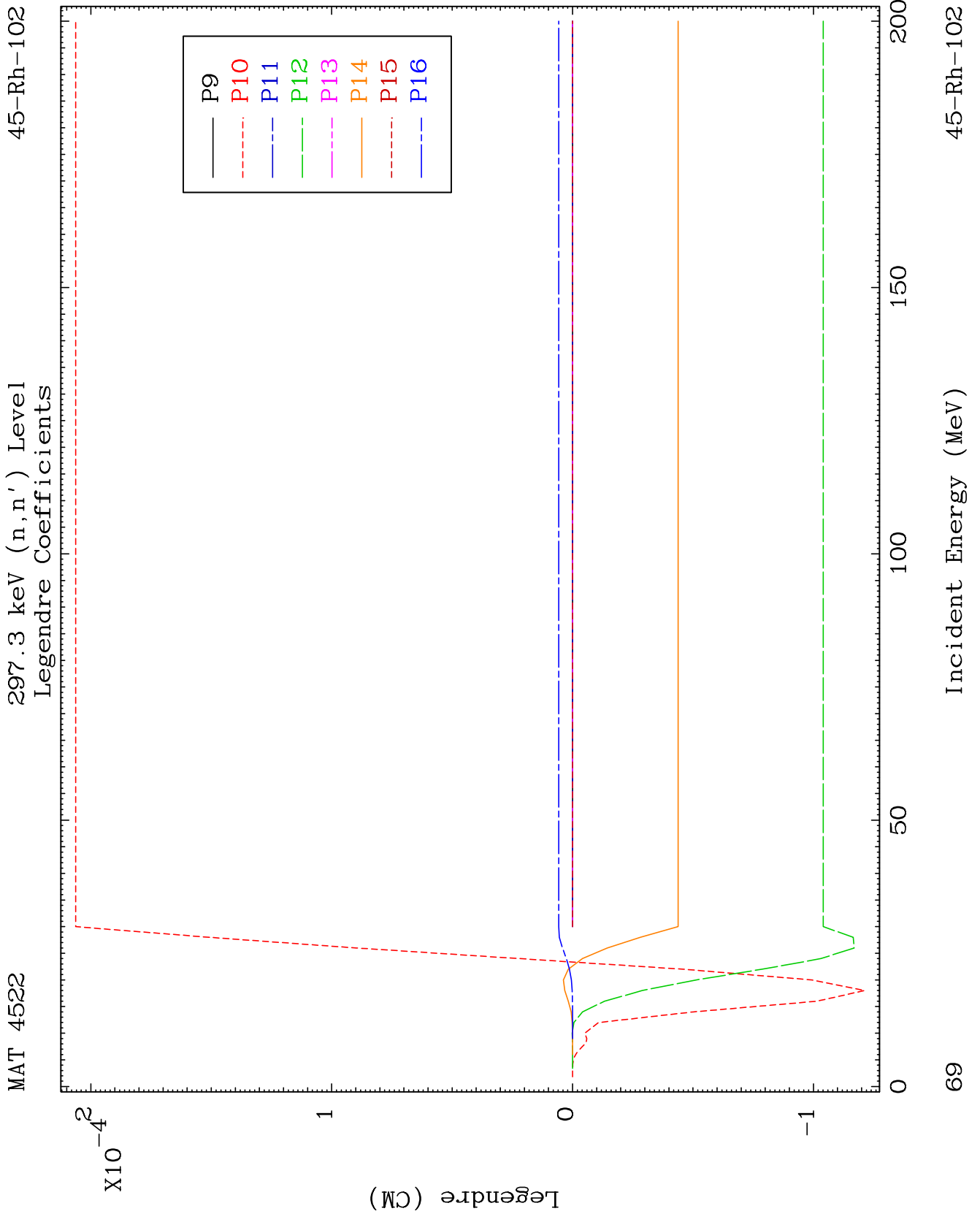
MAT 4522

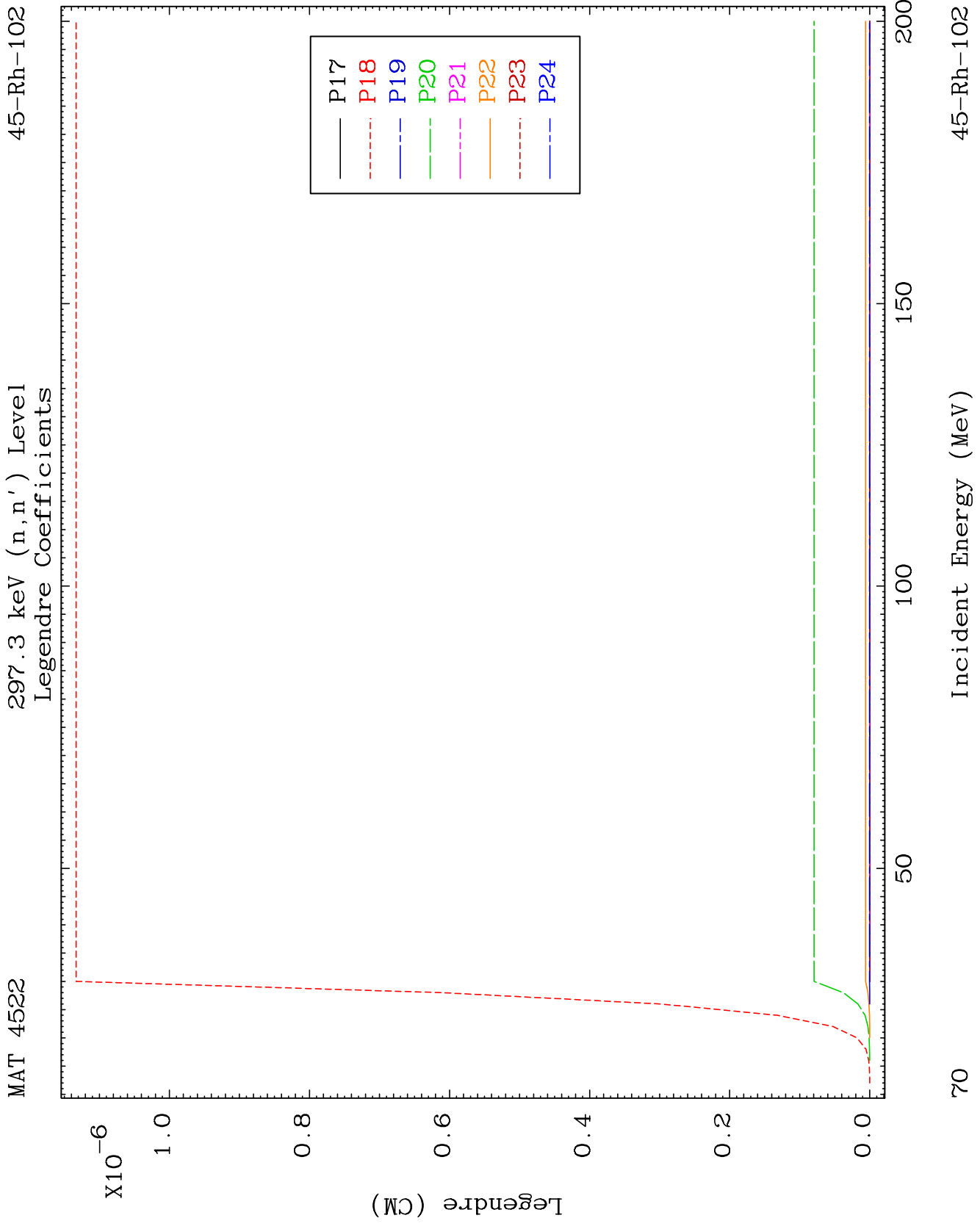
297.3 keV (n,n') Level  
Legendre Coefficients

45-Rh-102



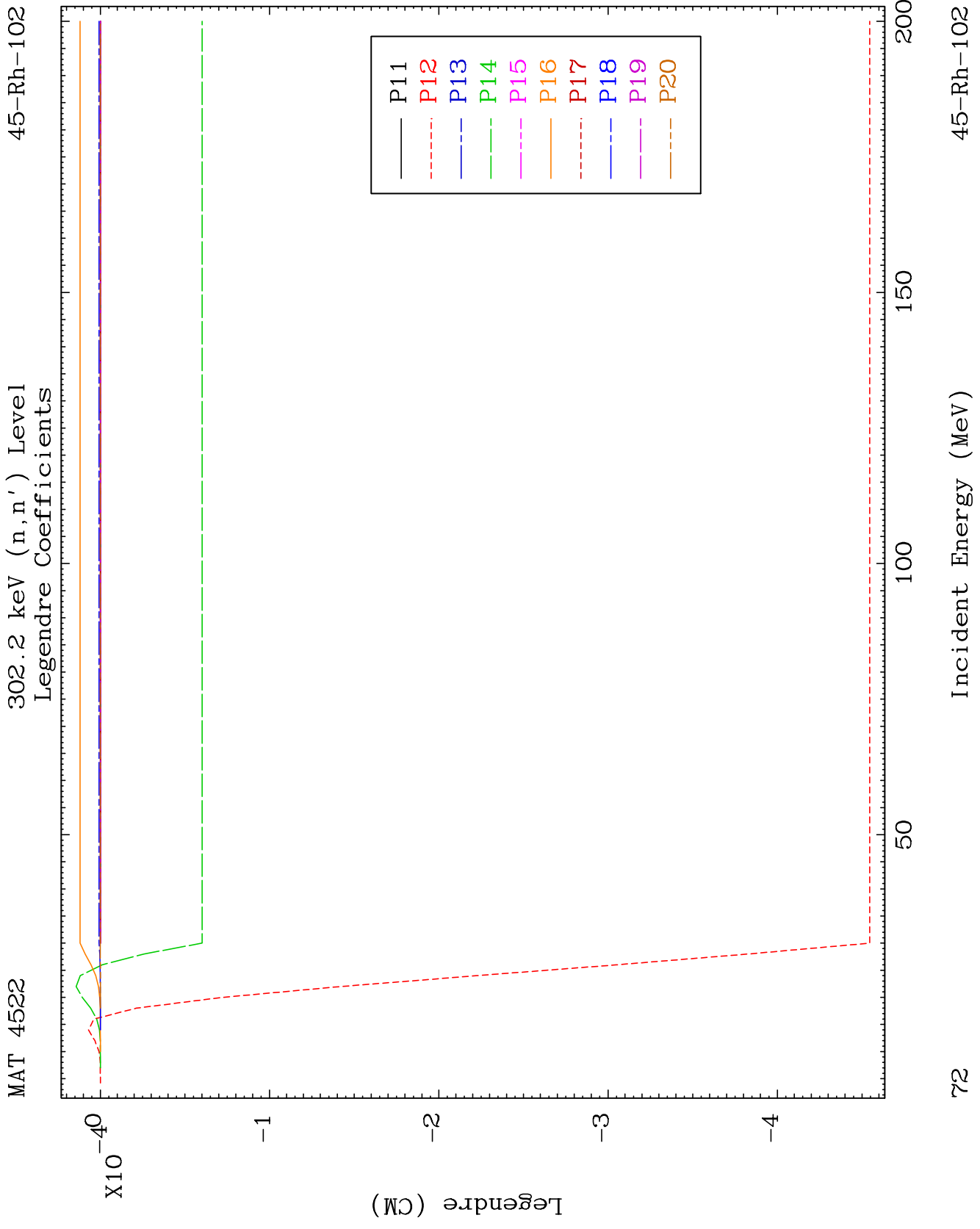
68

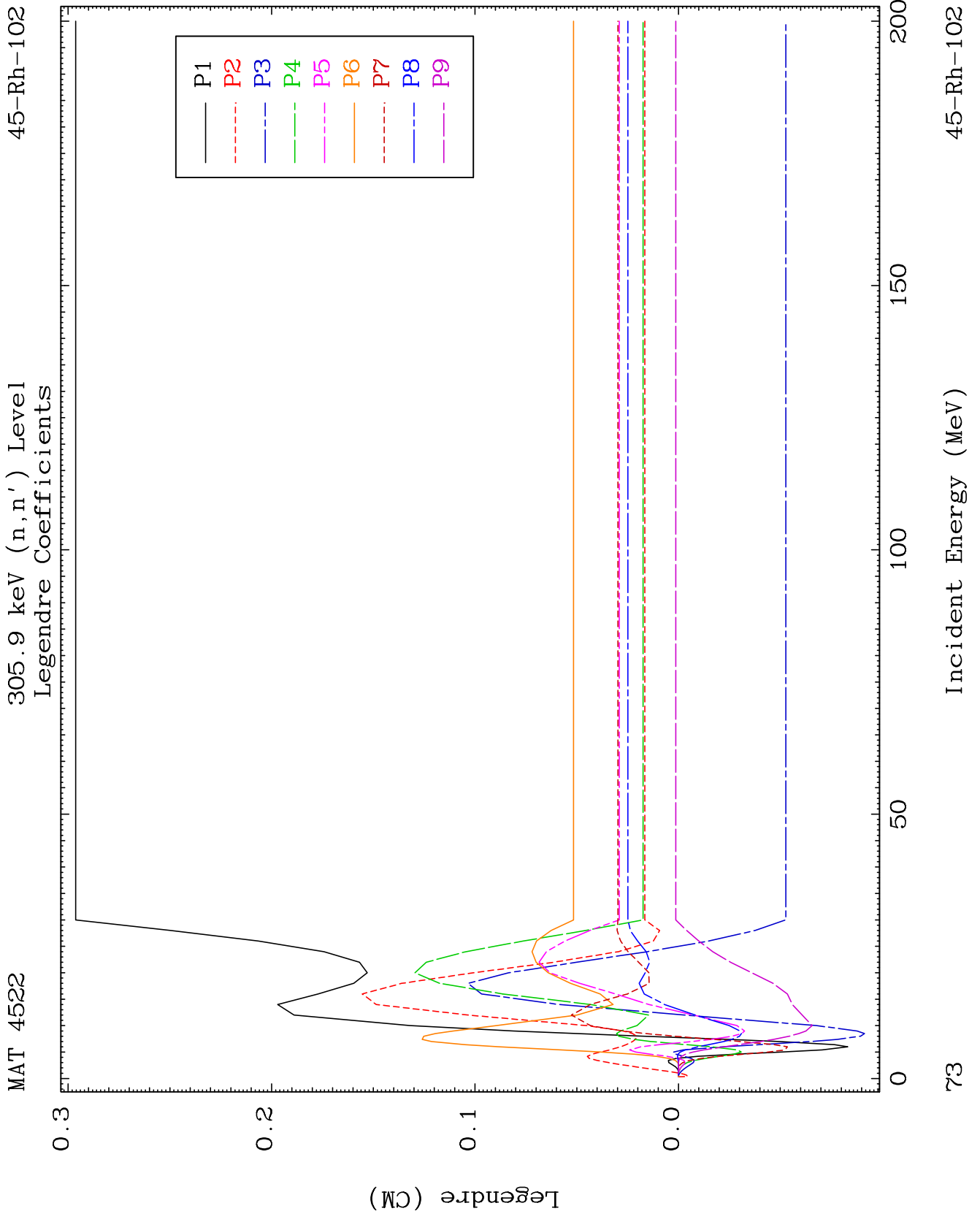




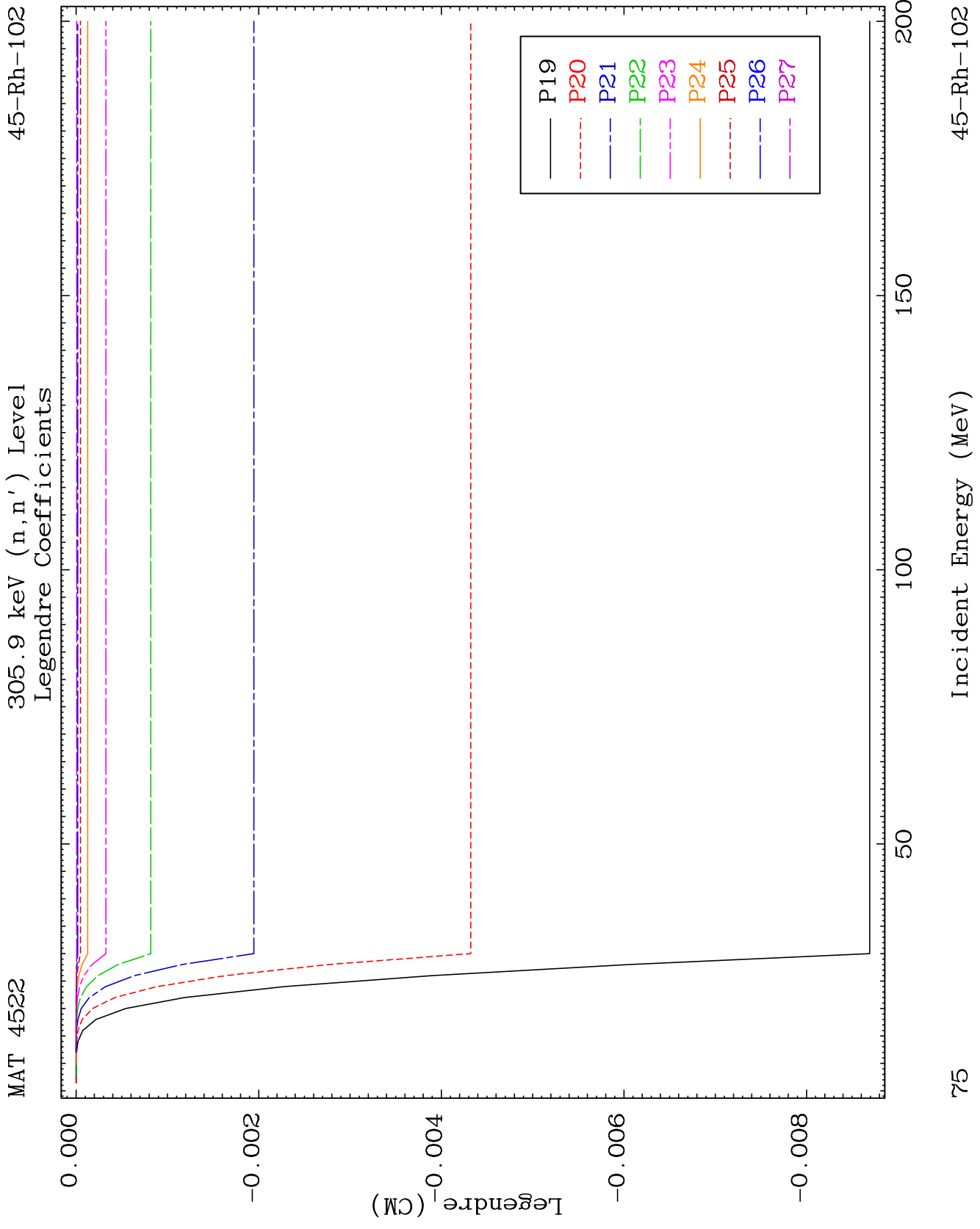


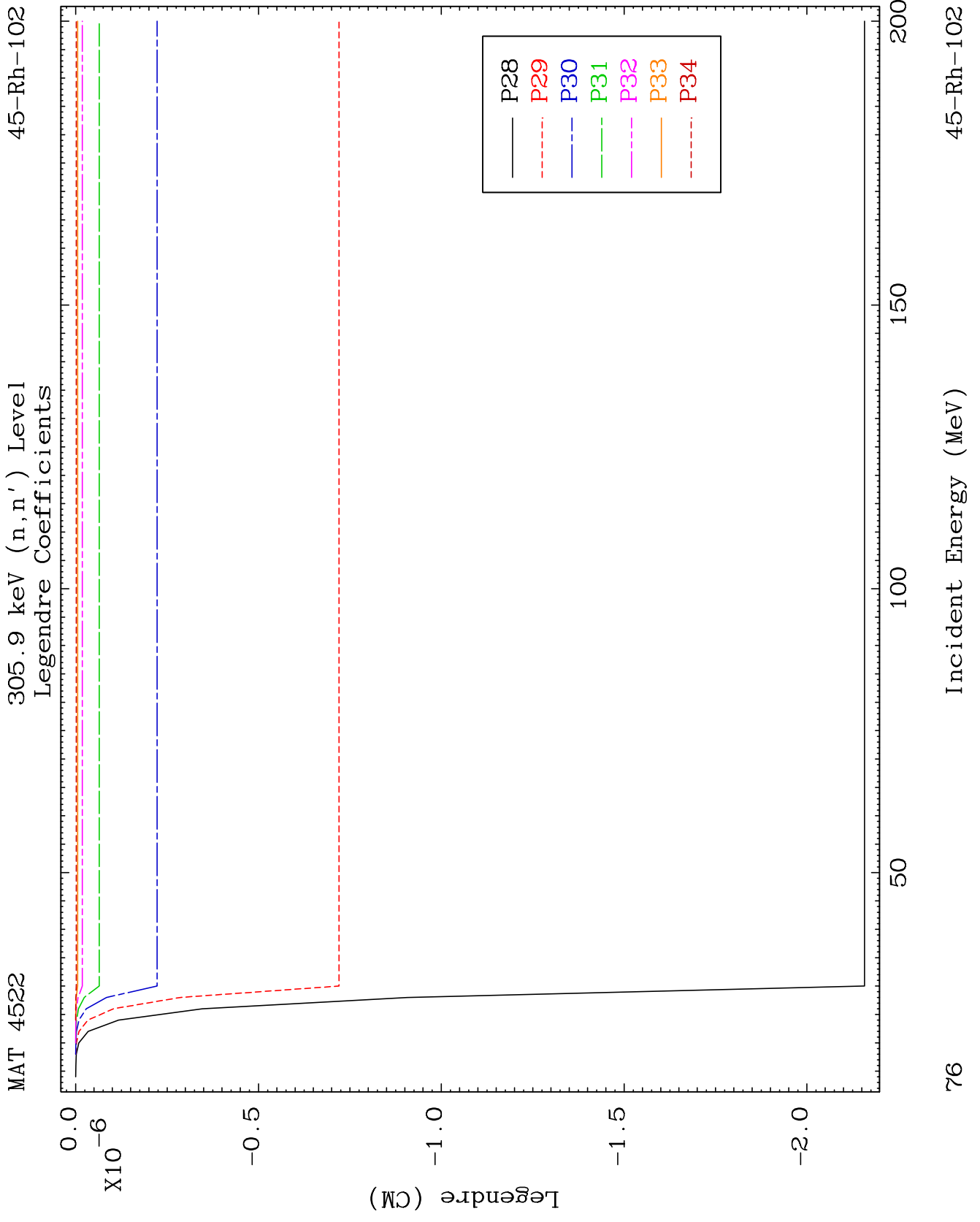


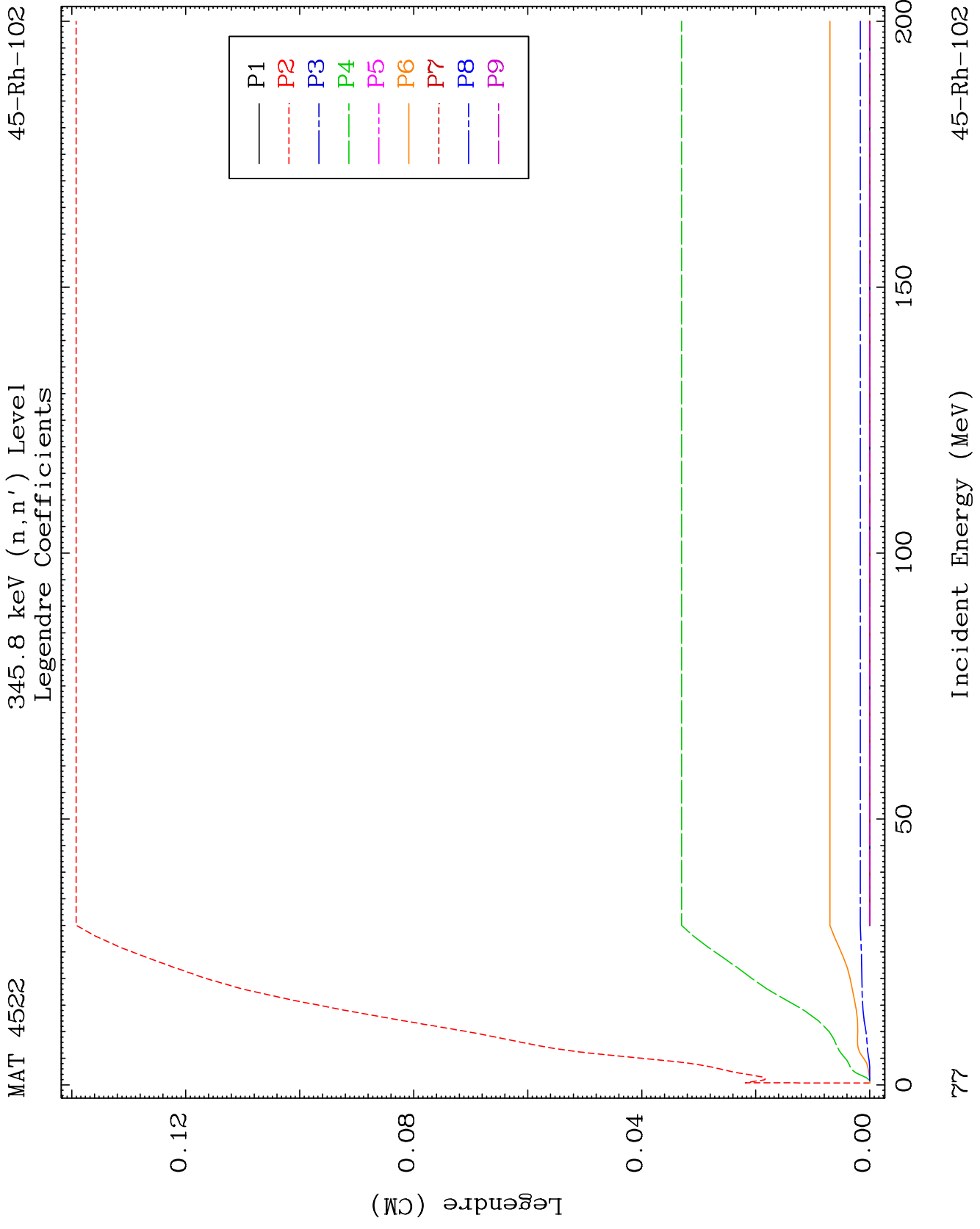








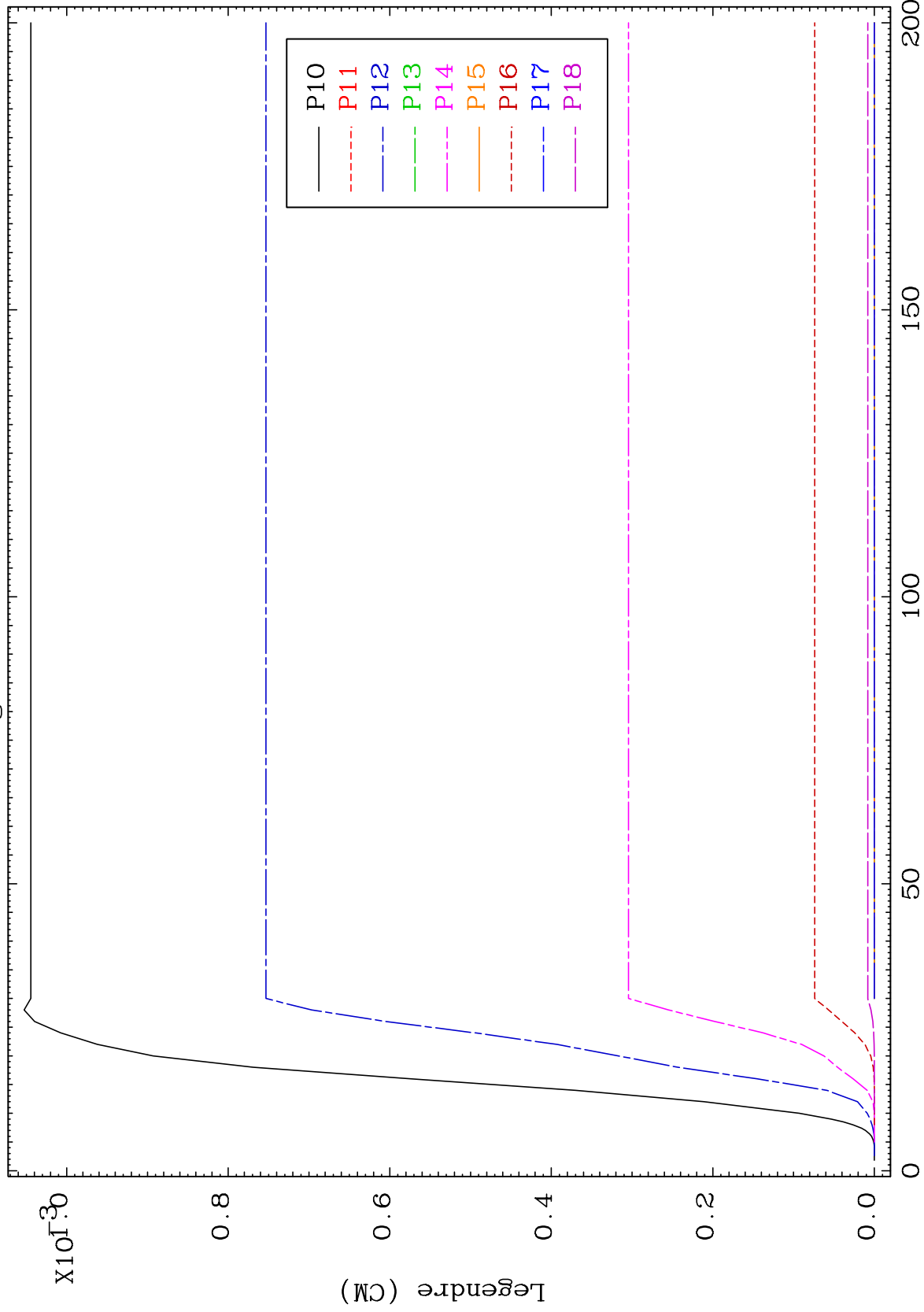




MAT 4522

345.8 keV (n, n') Level  
Legendre Coefficients

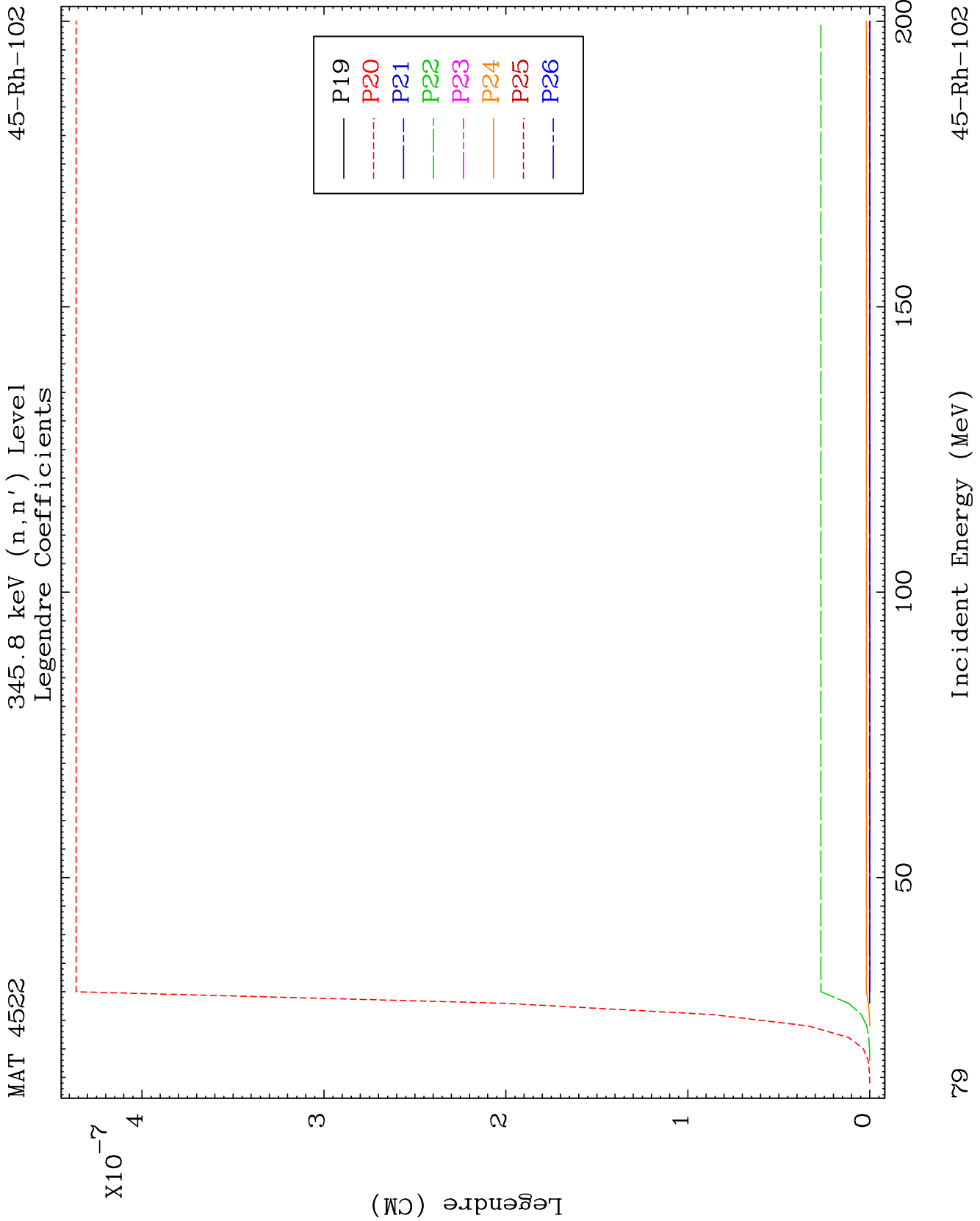
45-Rh-102



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Incident Energy (MeV)

45-Rh-102



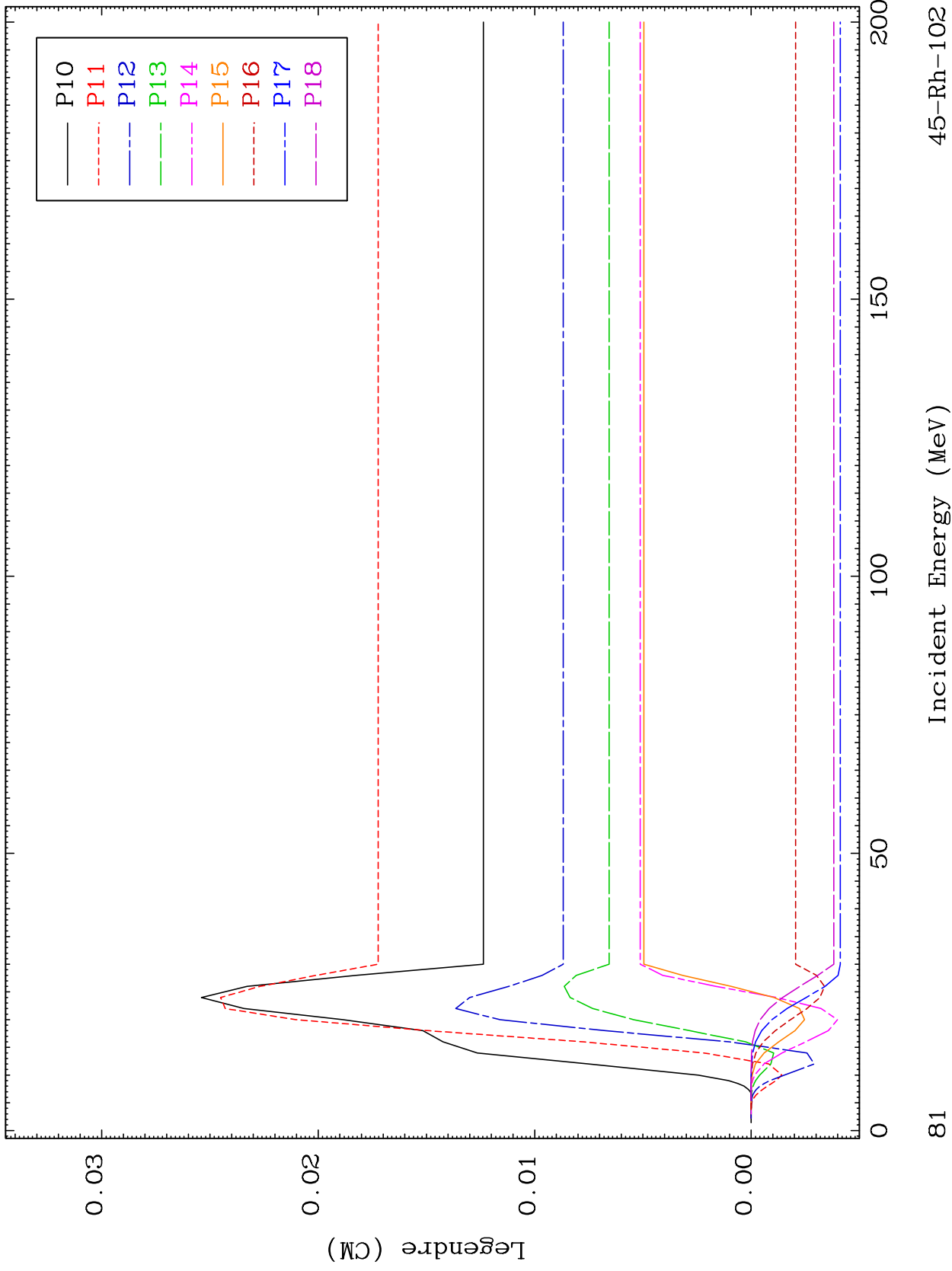




MAT 4522

359.1 keV (n,n') Level  
Legendre Coefficients

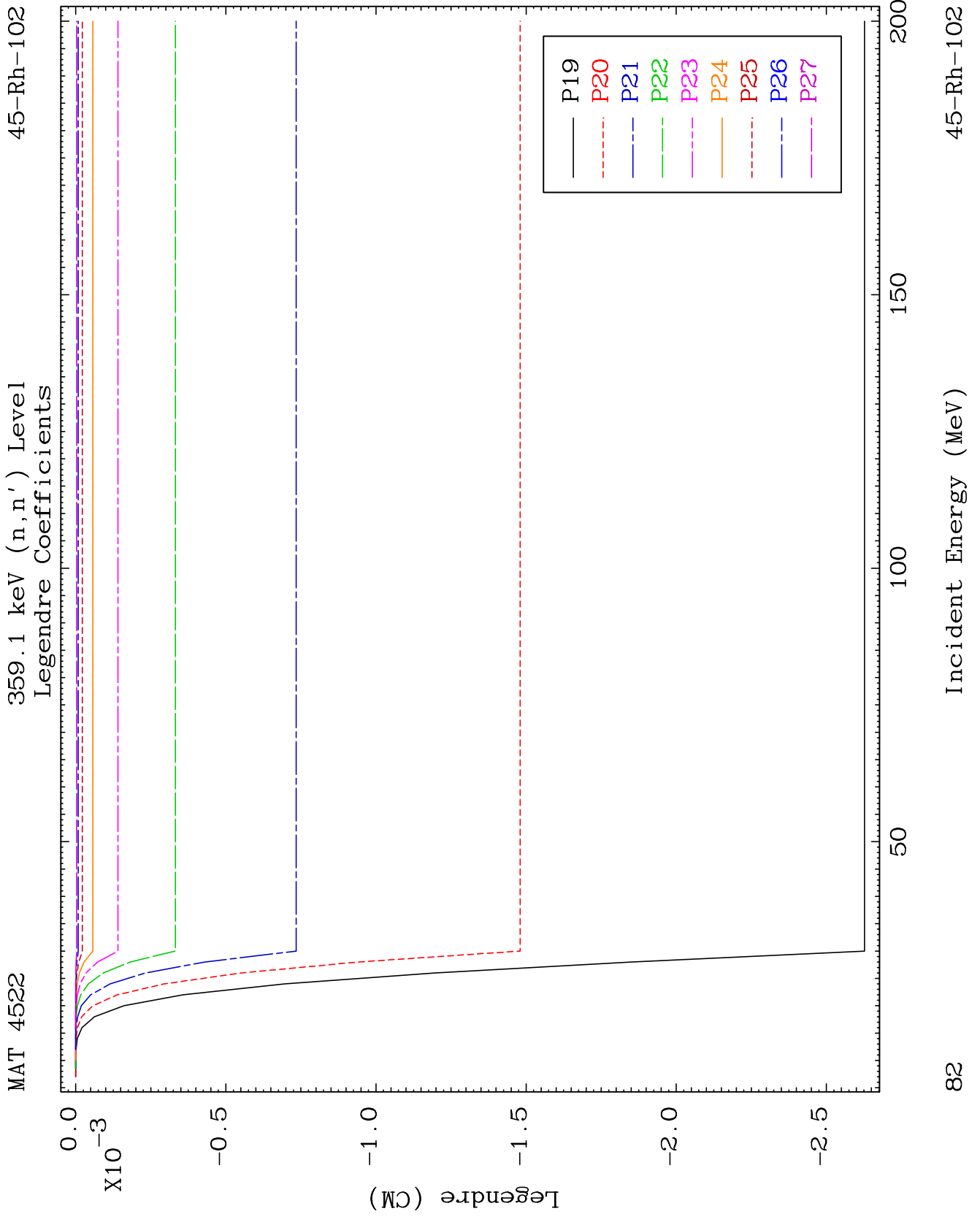
45-Rh-102

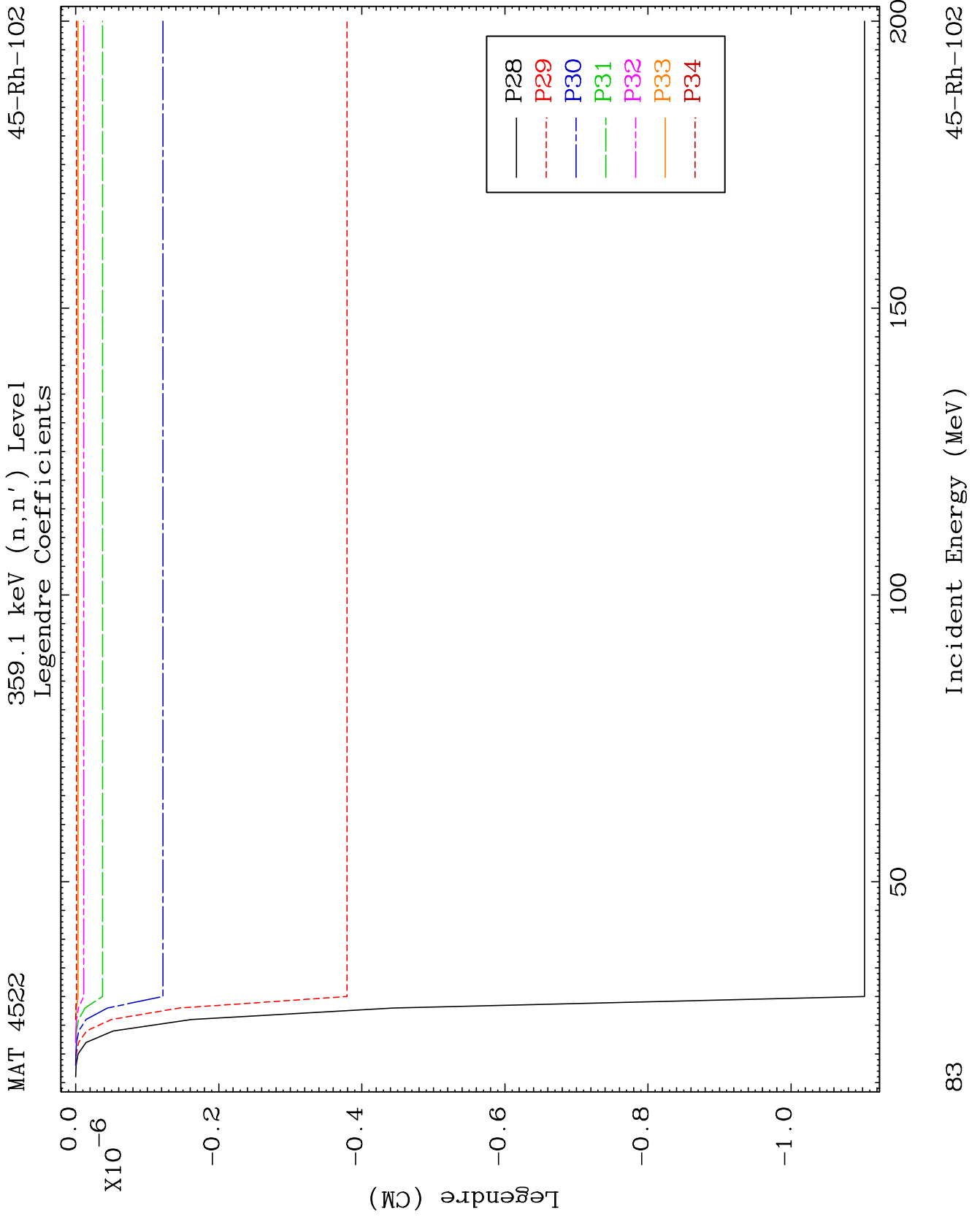


81

Incident Energy (MeV)

45-Rh-102

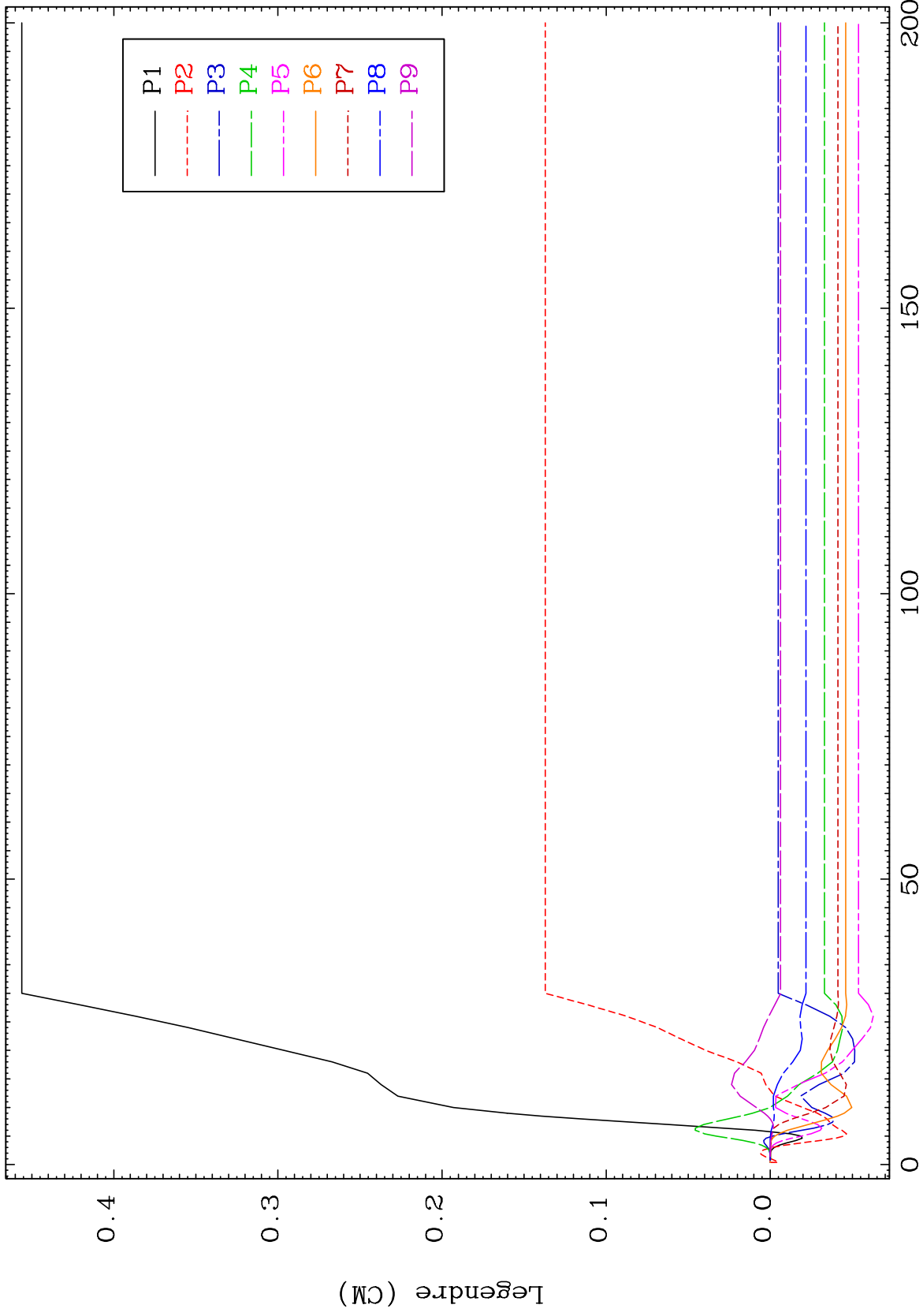




MAT 4522

362.2 keV (n,n') Level  
Legendre Coefficients

45-Rh-102

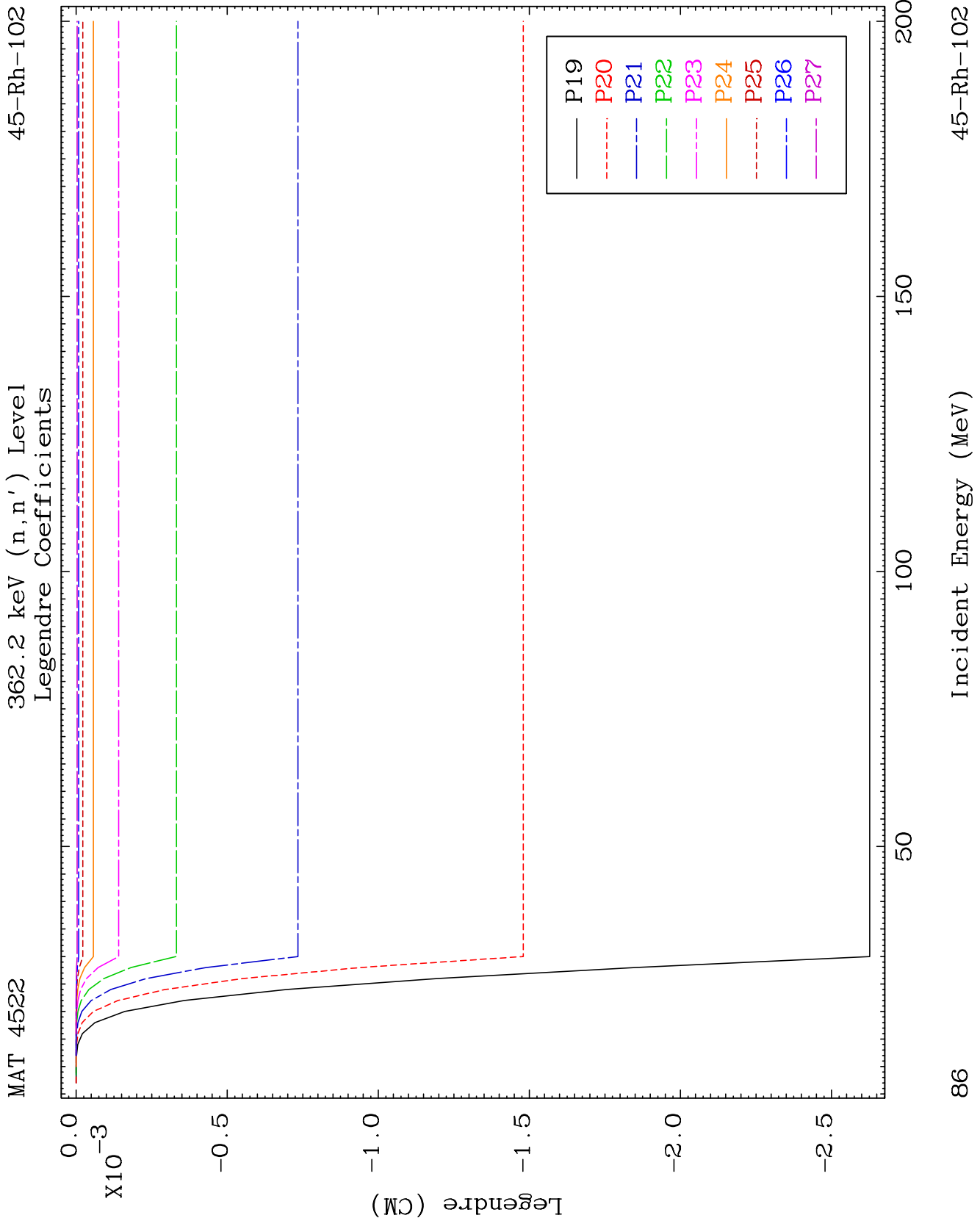


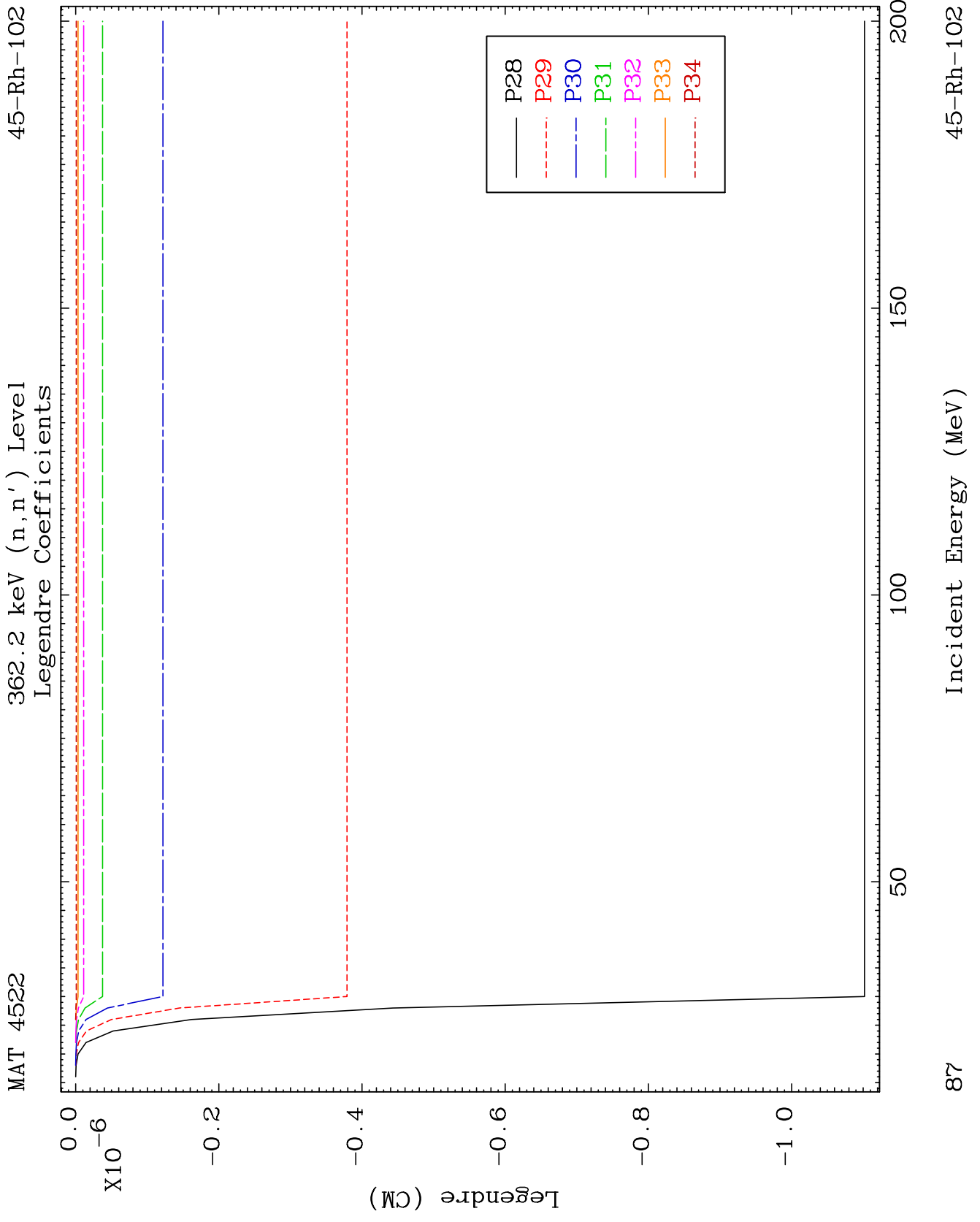
84

Incident Energy (MeV)

45-Rh-102

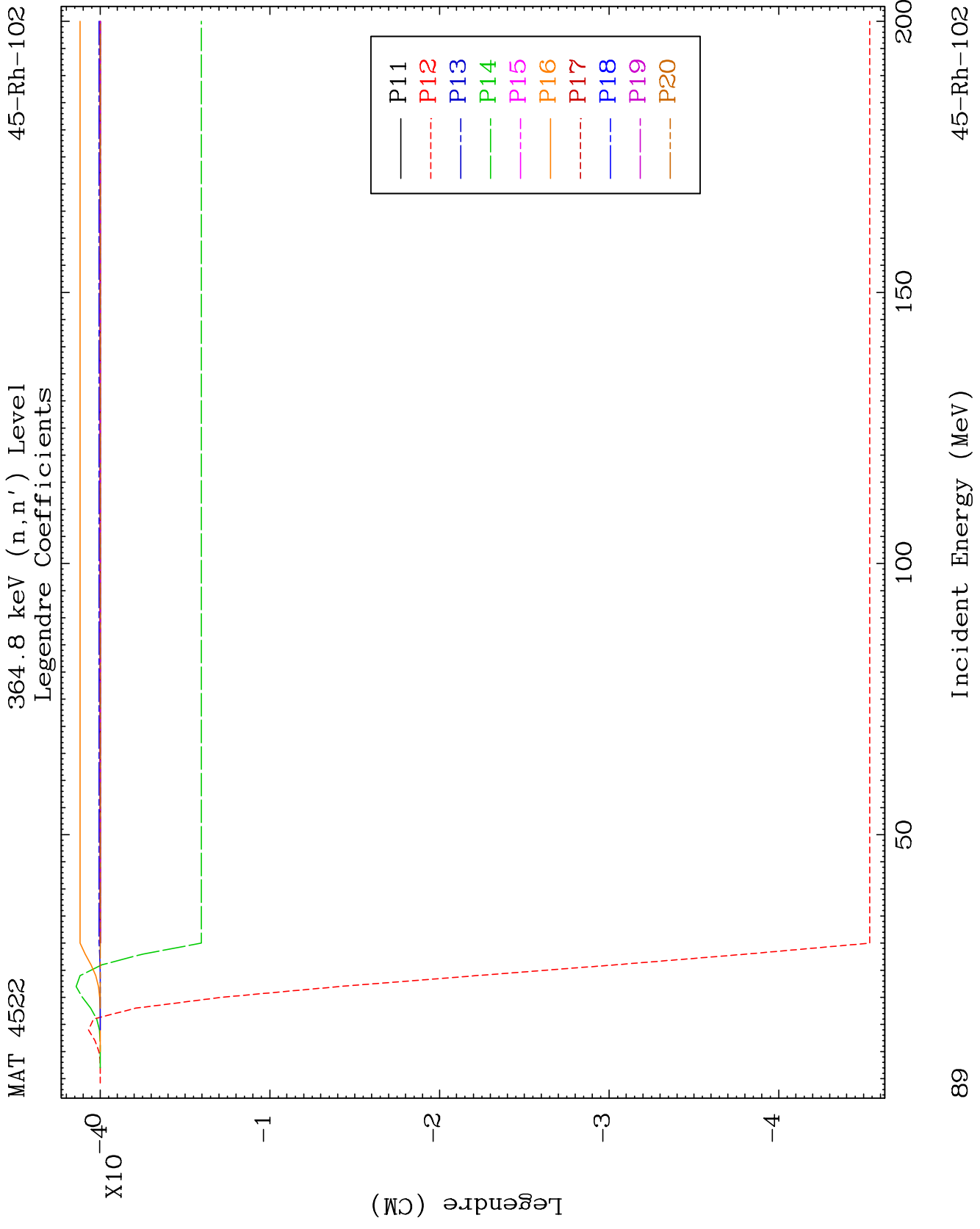










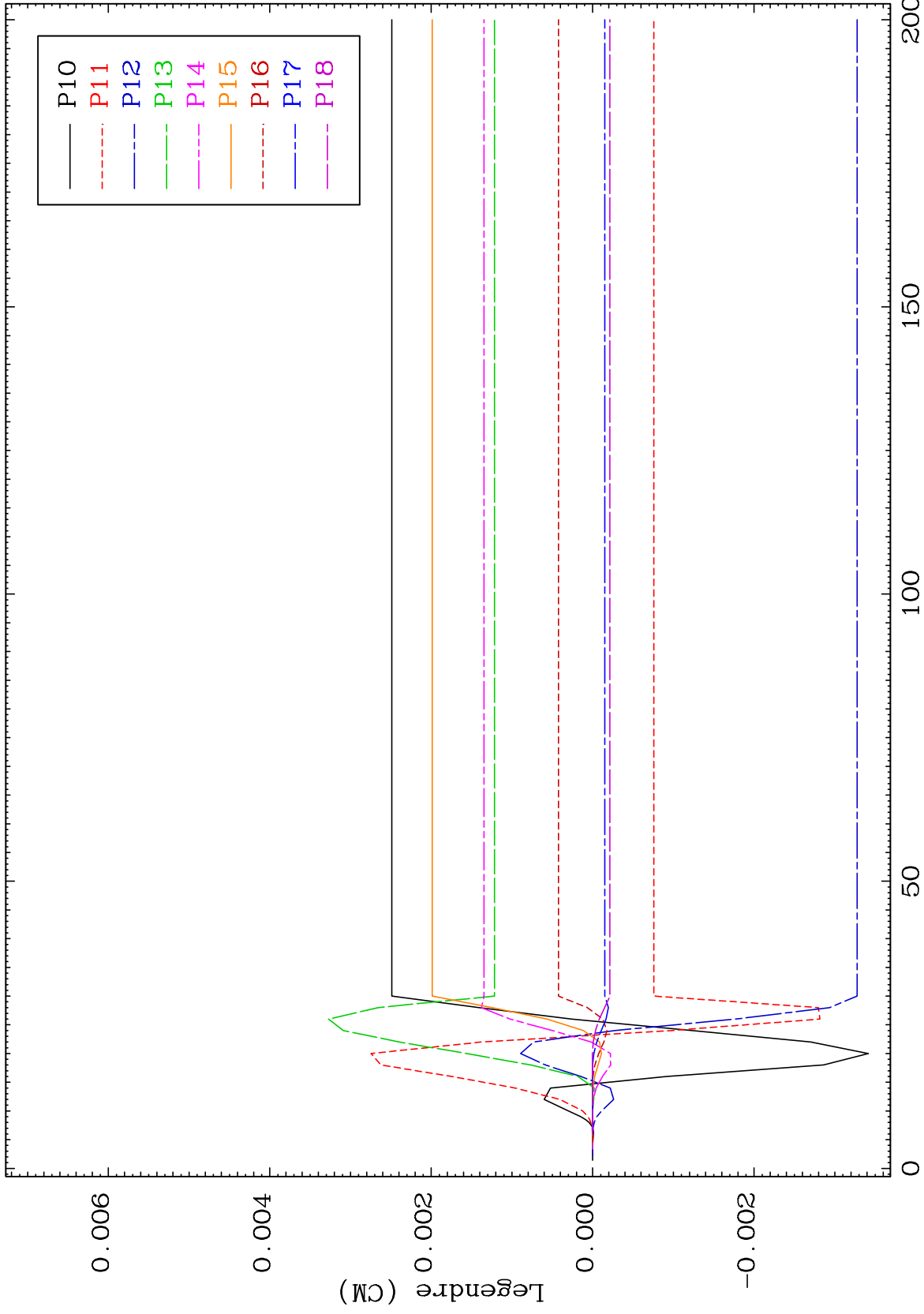




MAT 4522

378.6 keV (n,n') Level  
Legendre Coefficients

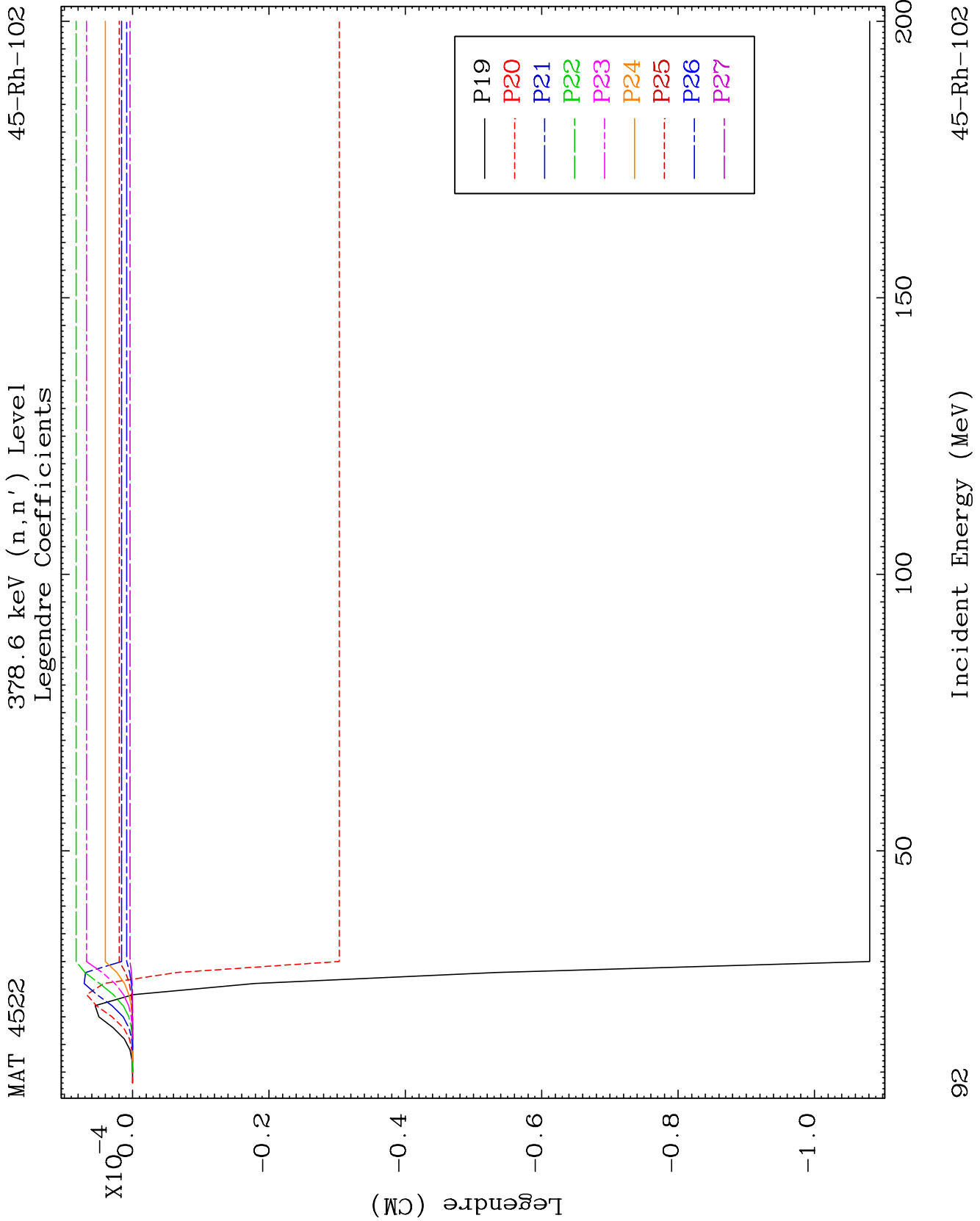
45-Rh-102



91

Incident Energy (MeV)

45-Rh-102



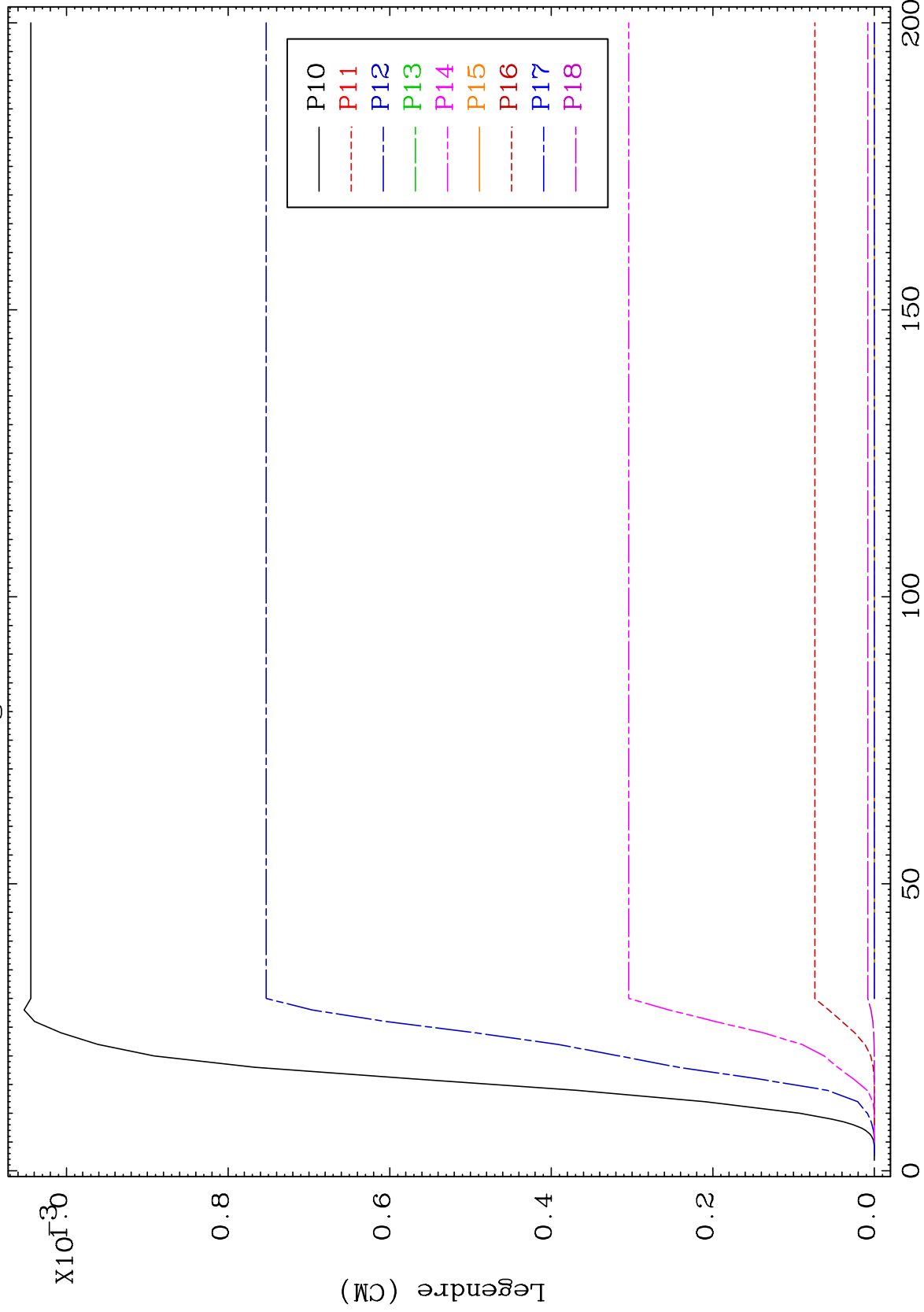




MAT 4522

380.0 keV (n,n') Level  
Legendre Coefficients

45-Rh-102

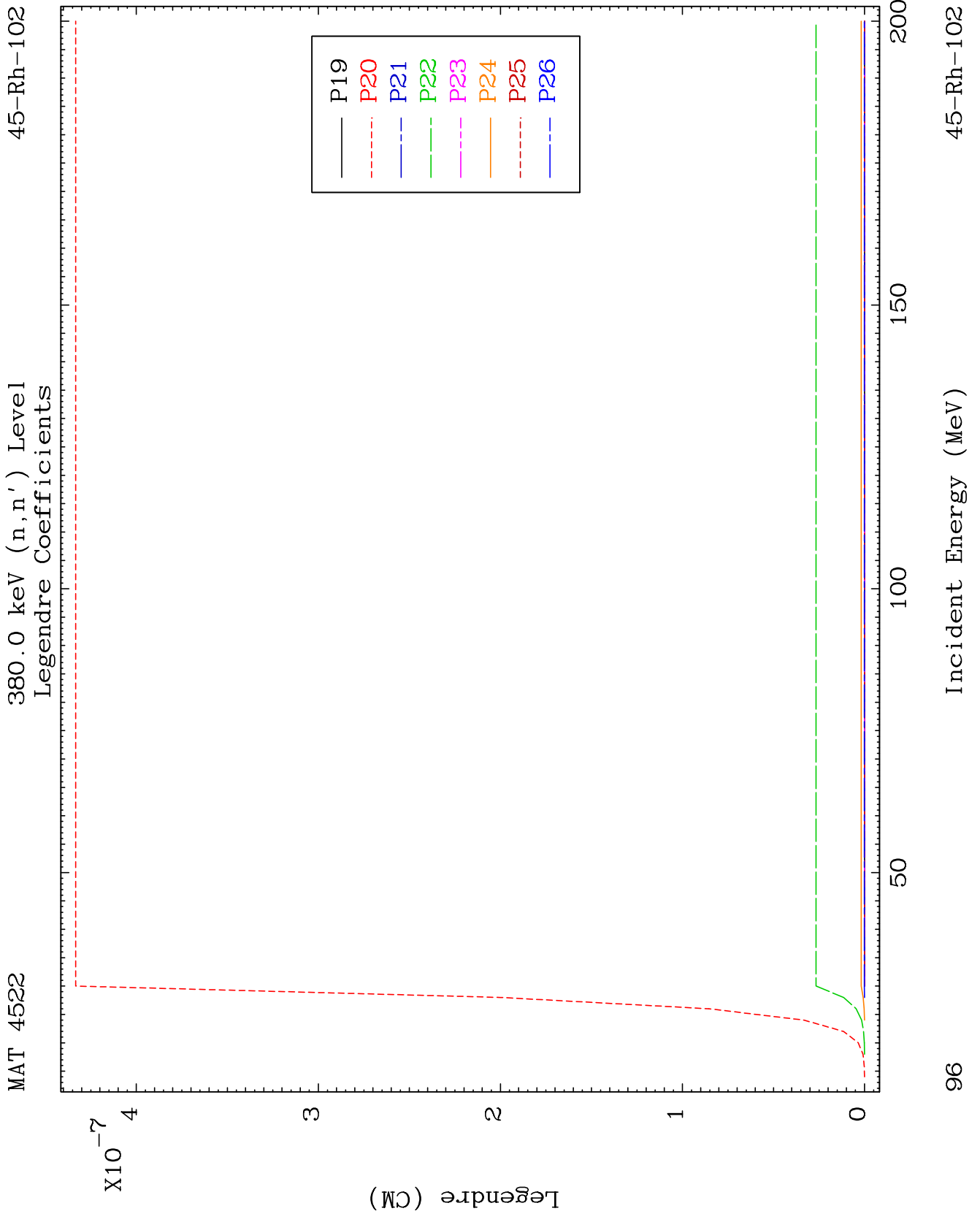


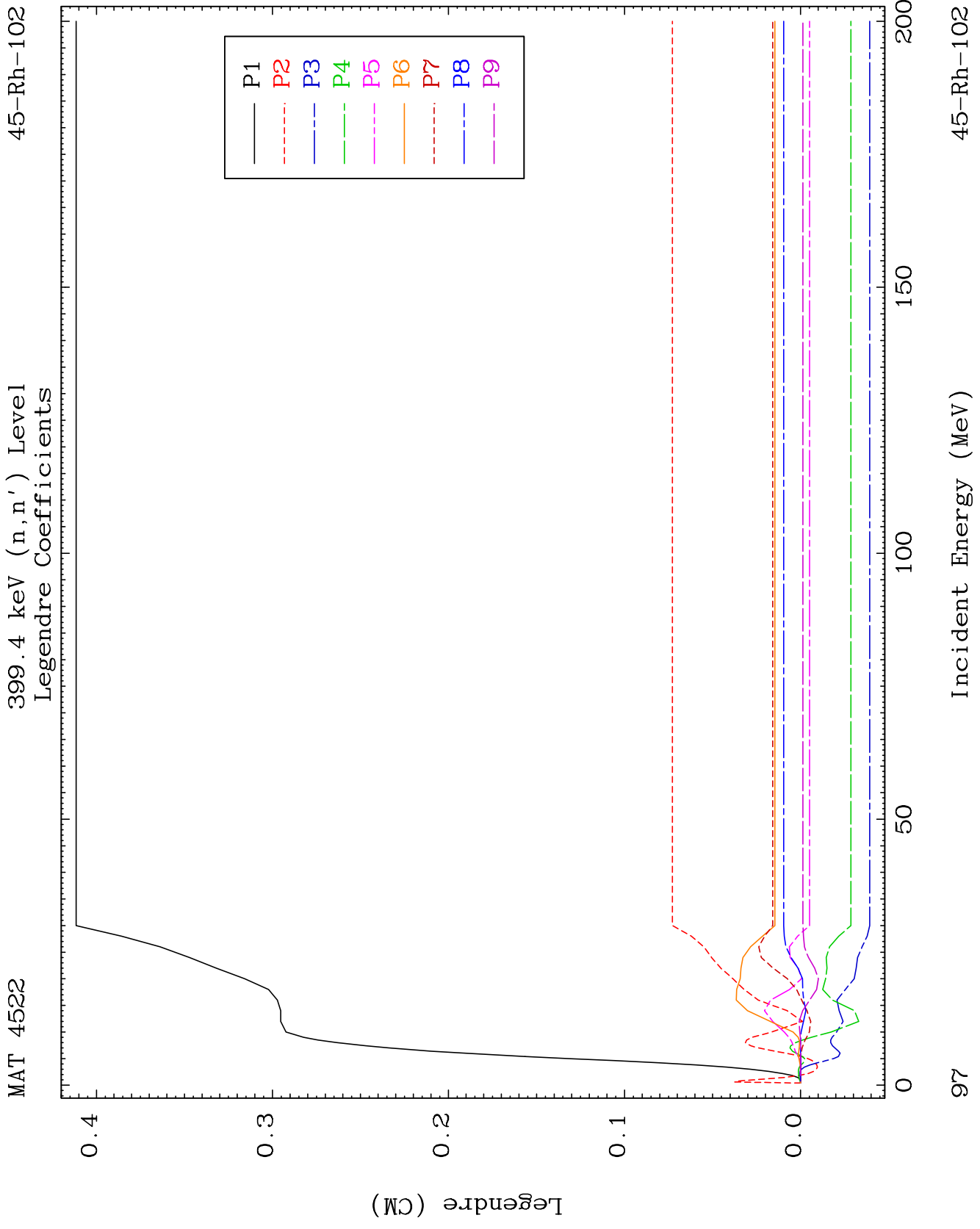
95

Incident Energy (MeV)

45-Rh-102



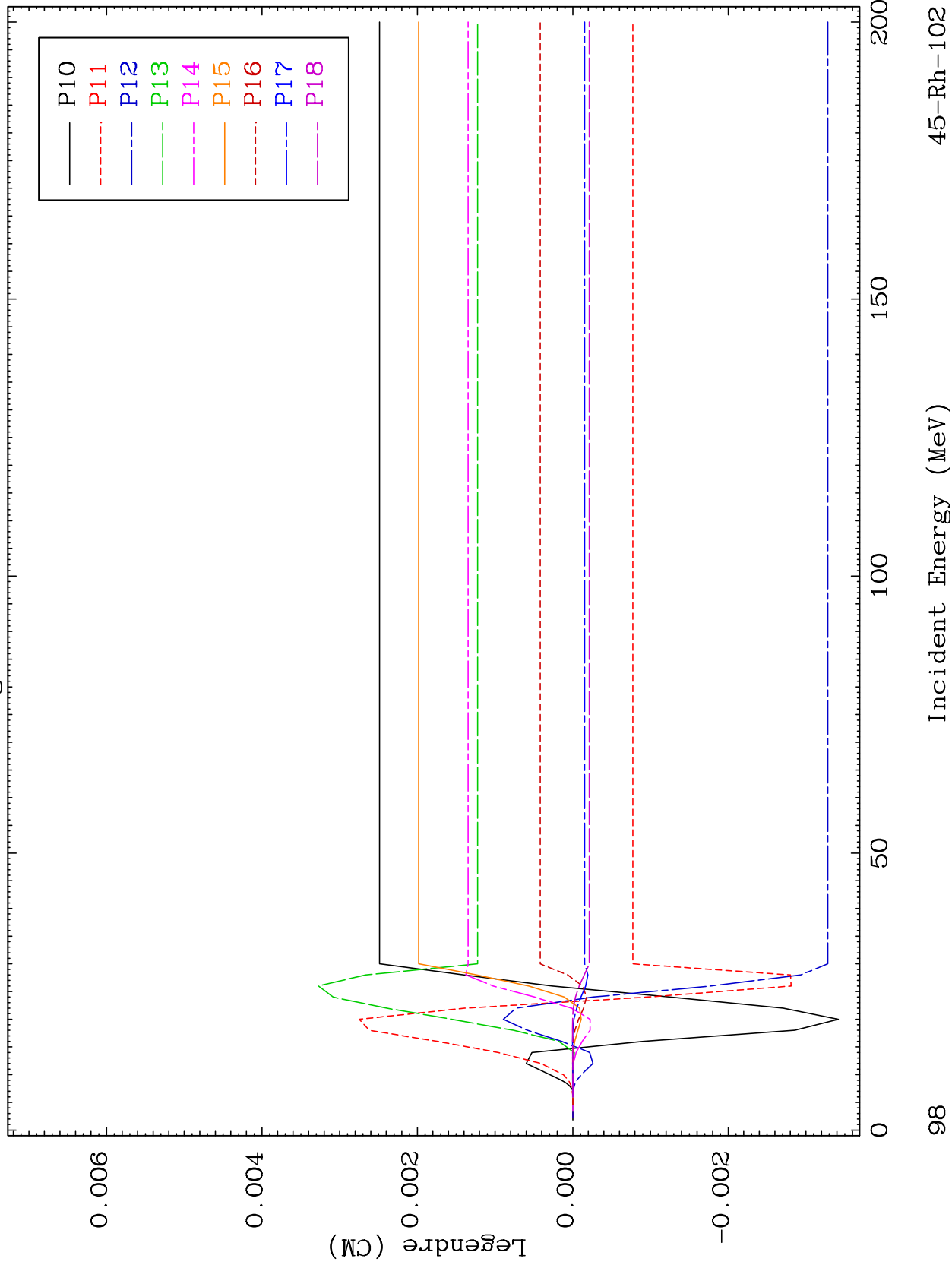




MAT 4522

399.4 keV (n,n') Level  
Legendre Coefficients

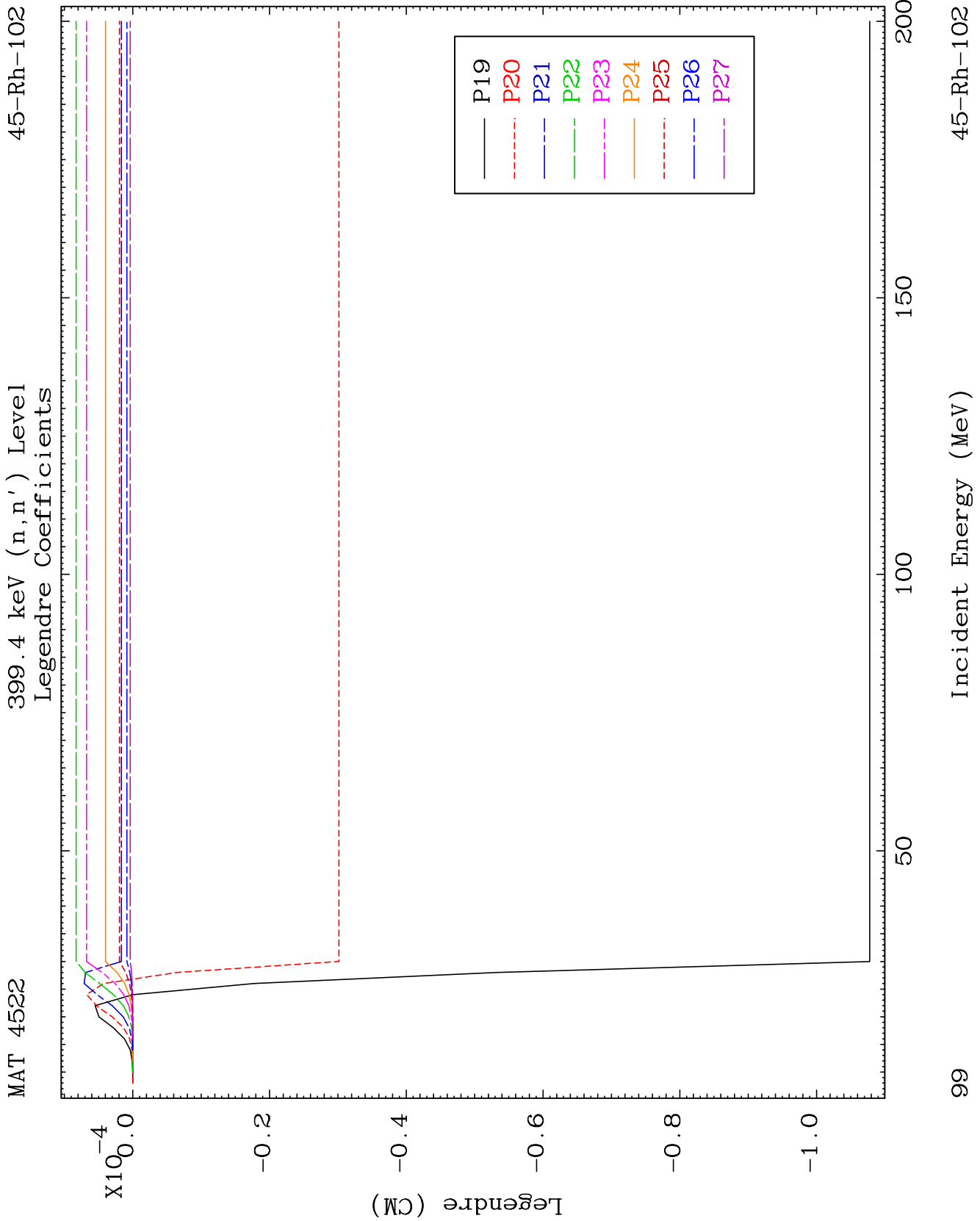
45-Rh-102

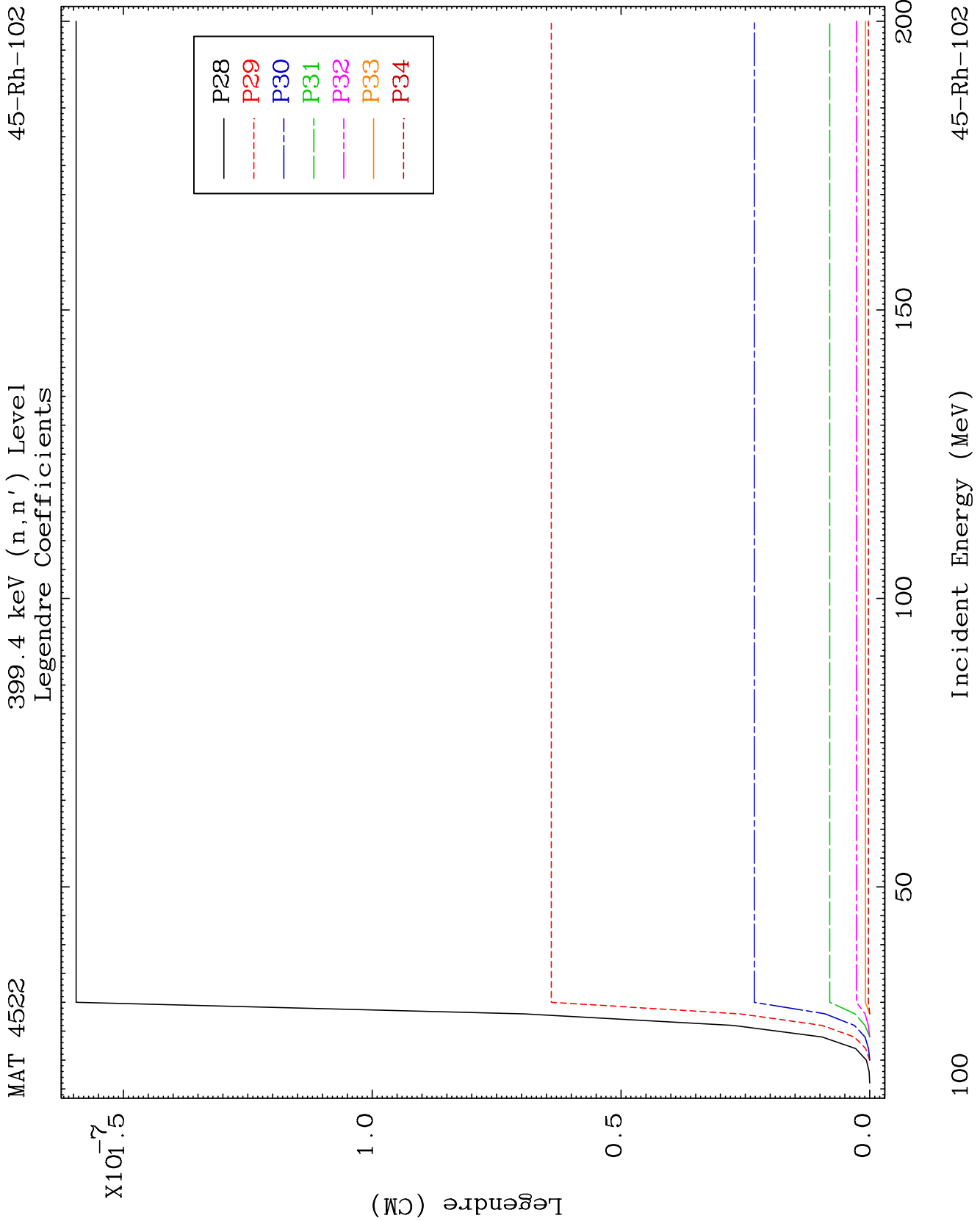


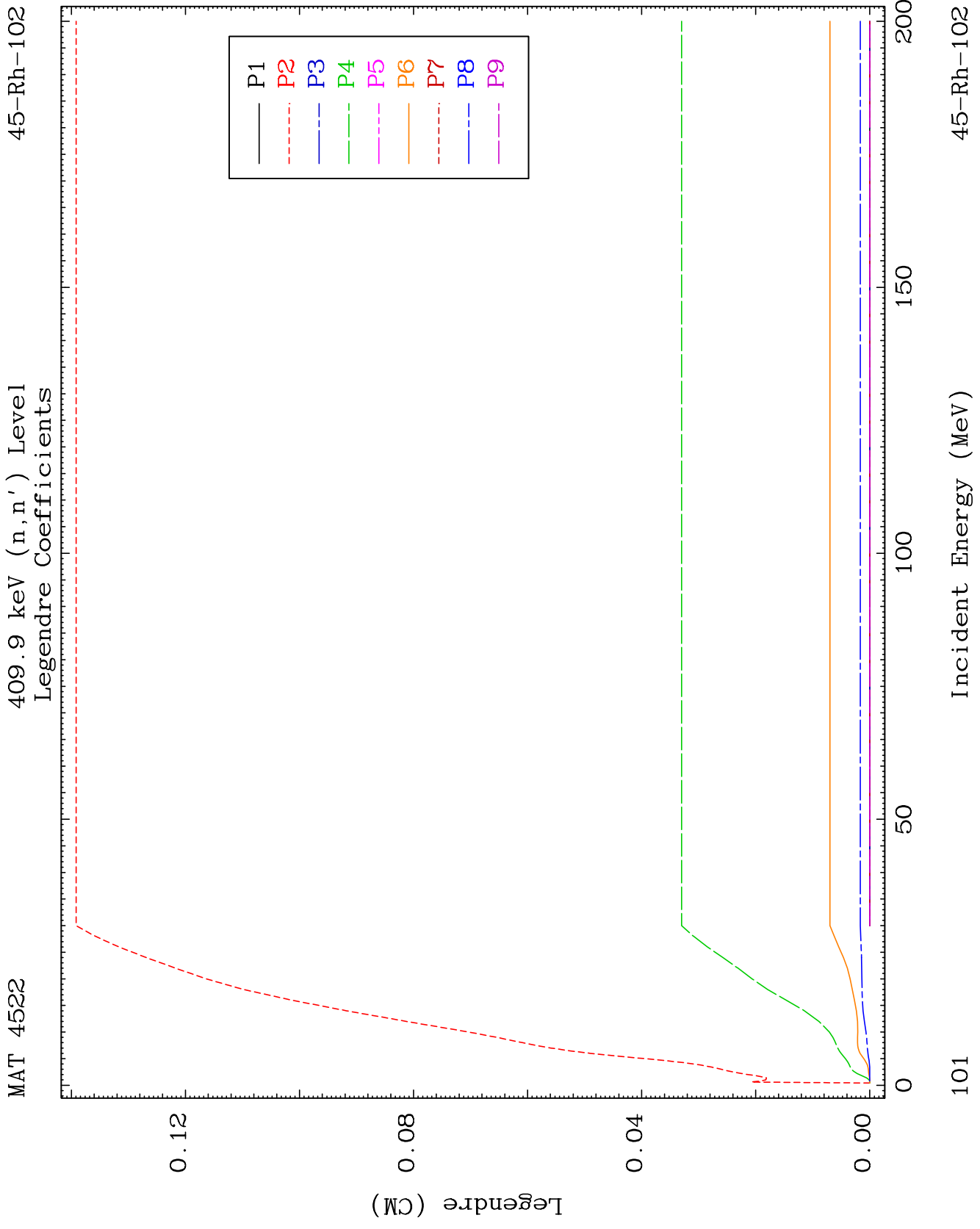
98

Incident Energy (MeV)

45-Rh-102



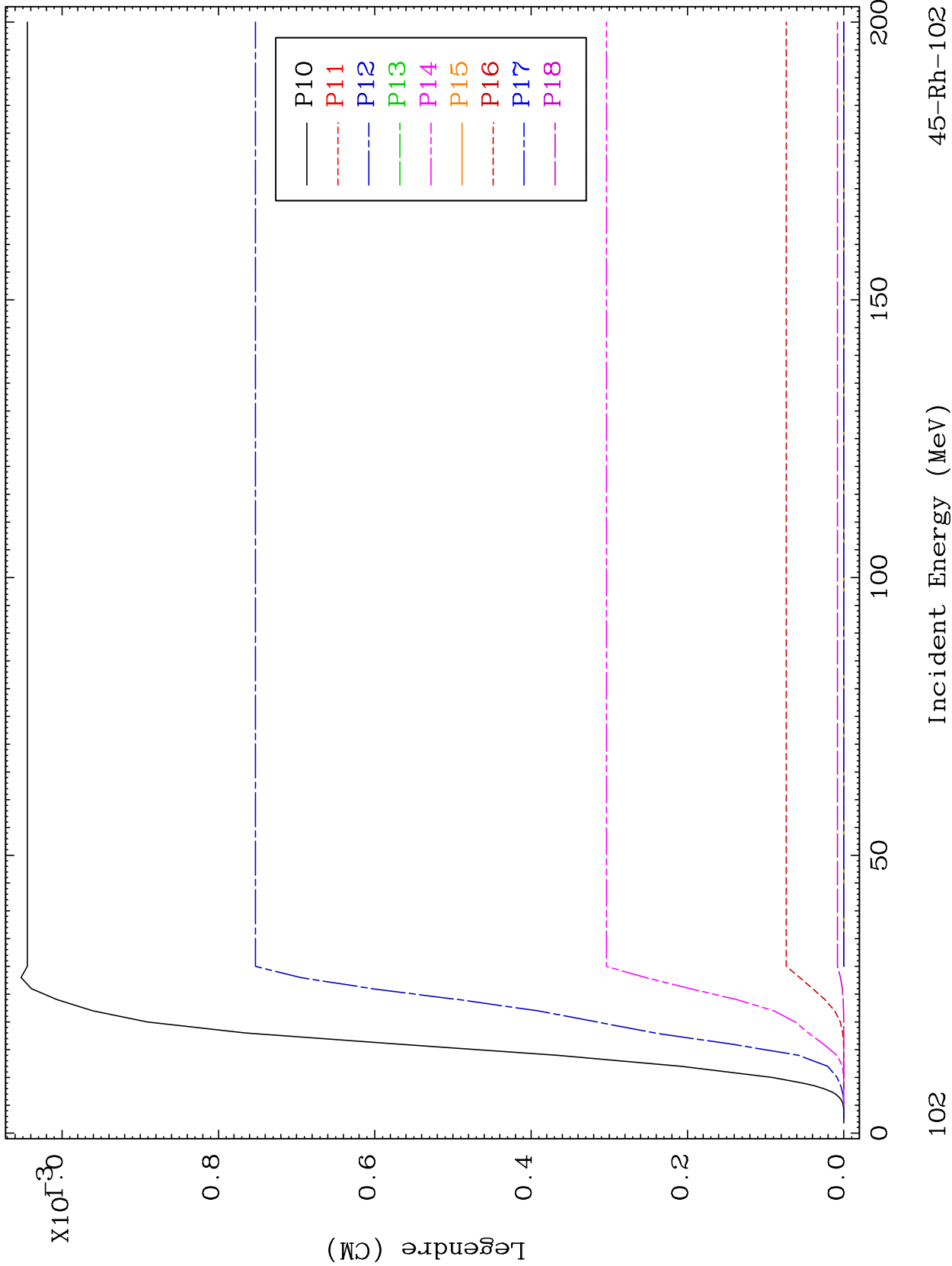




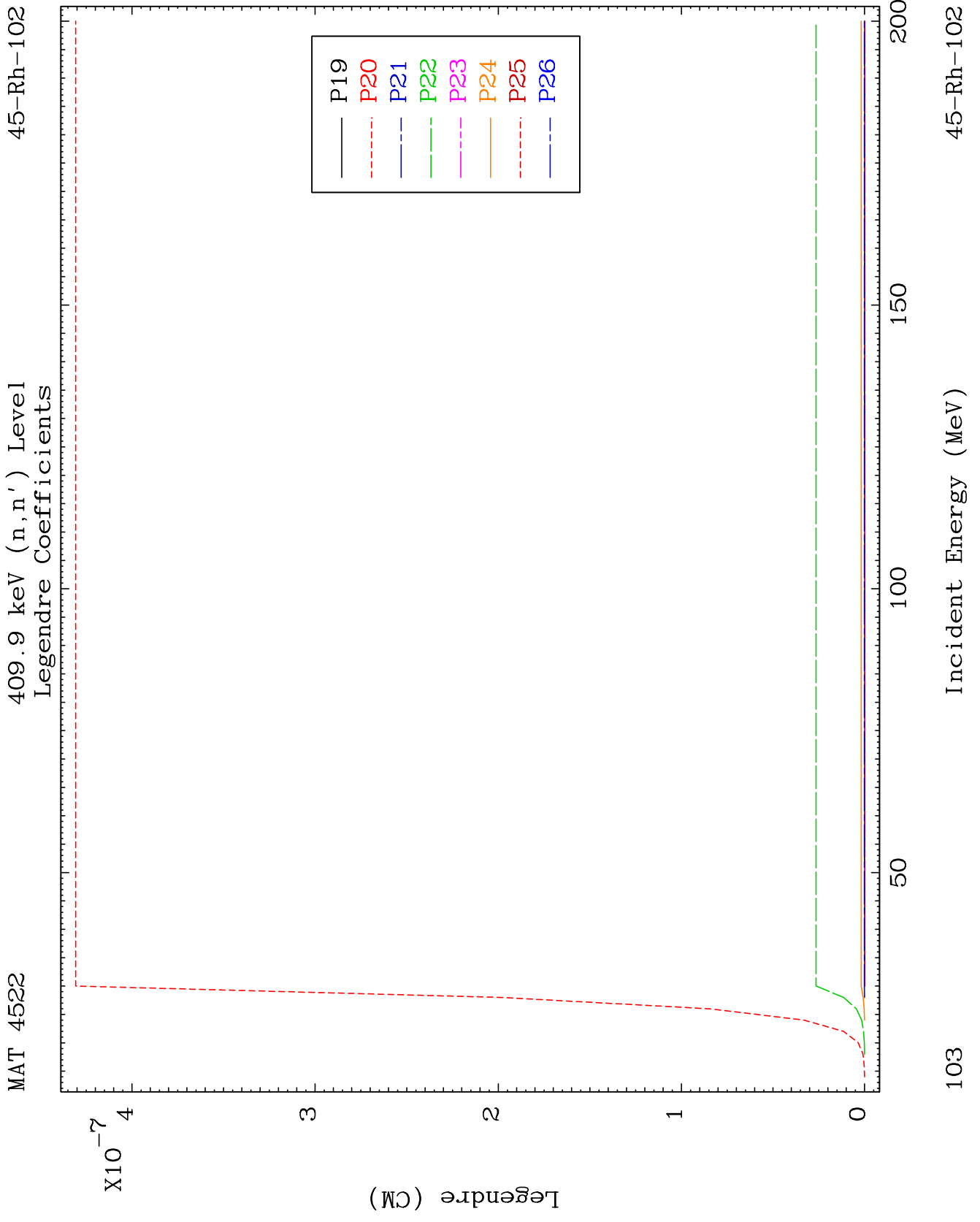
MAT 4522

409.9 keV (n, n') Level  
Legendre Coefficients

45-Rh-102



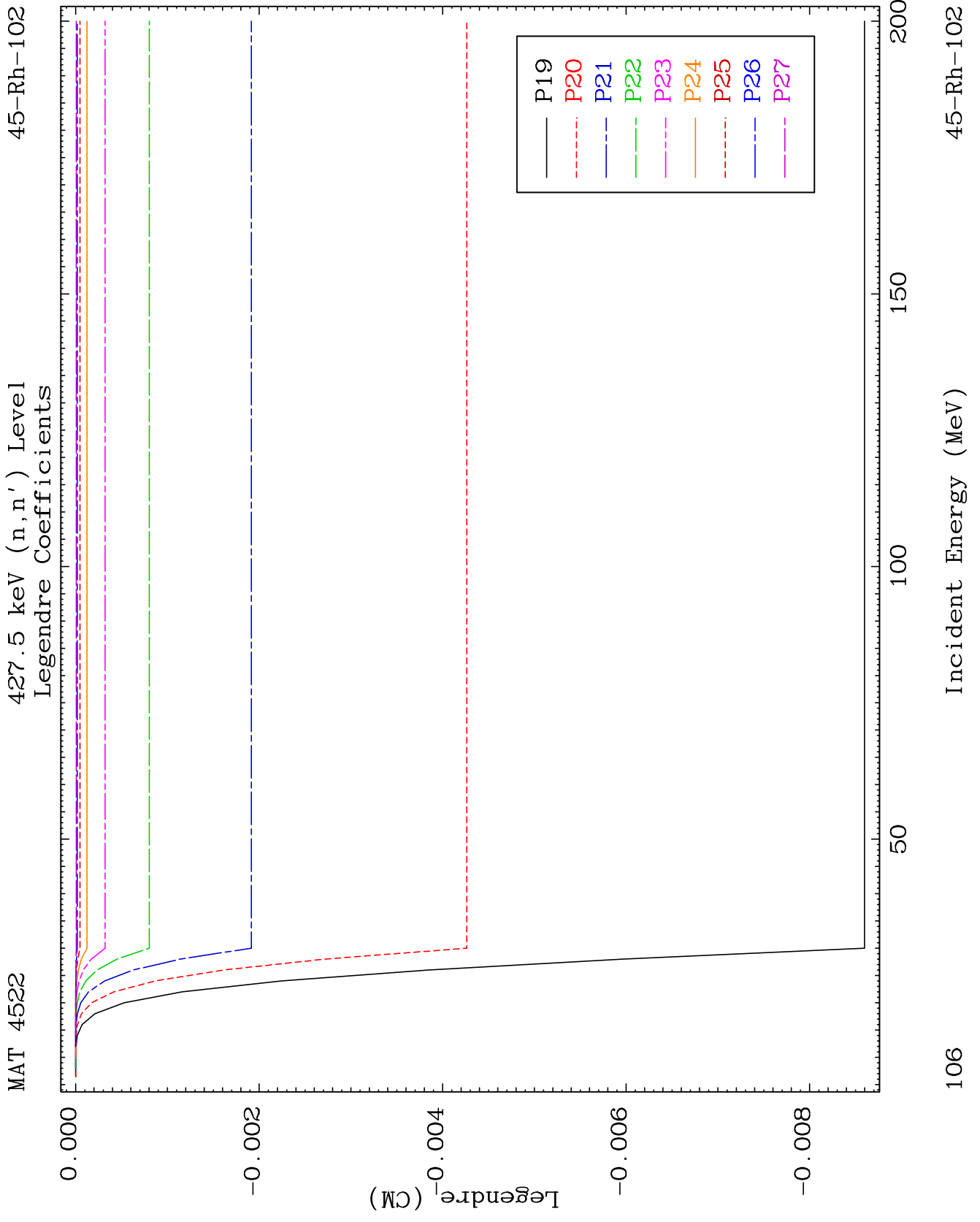
45-Rh-102

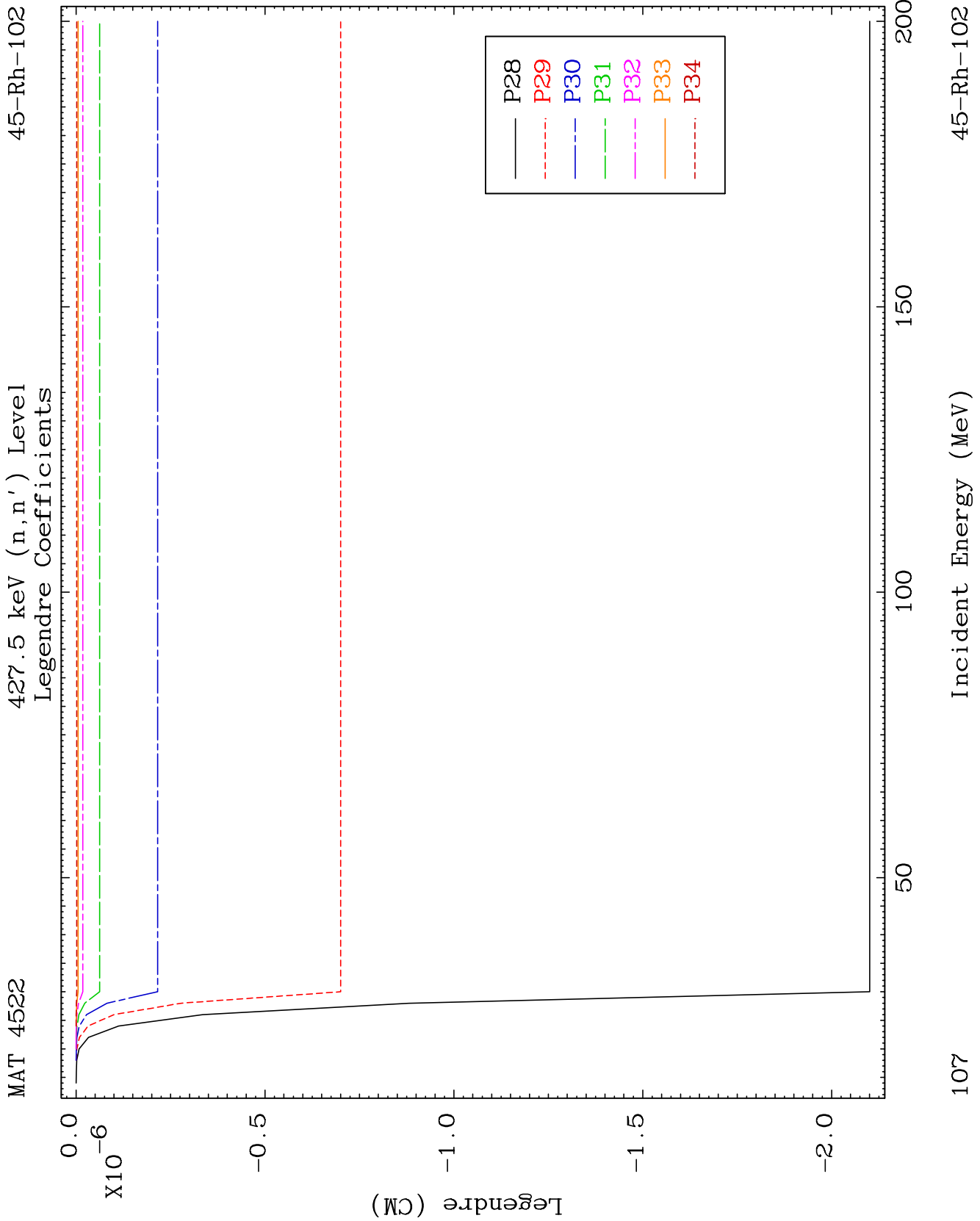


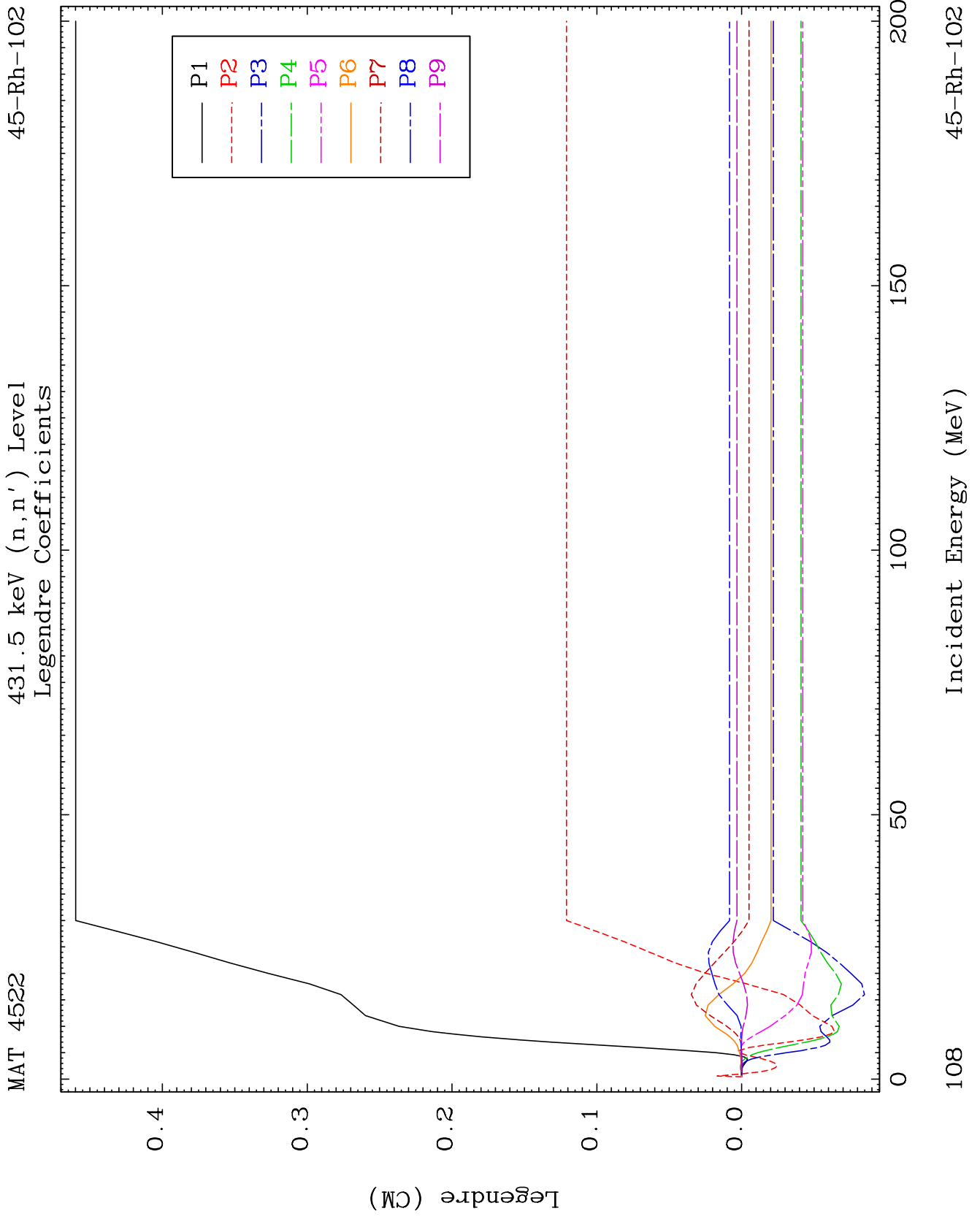




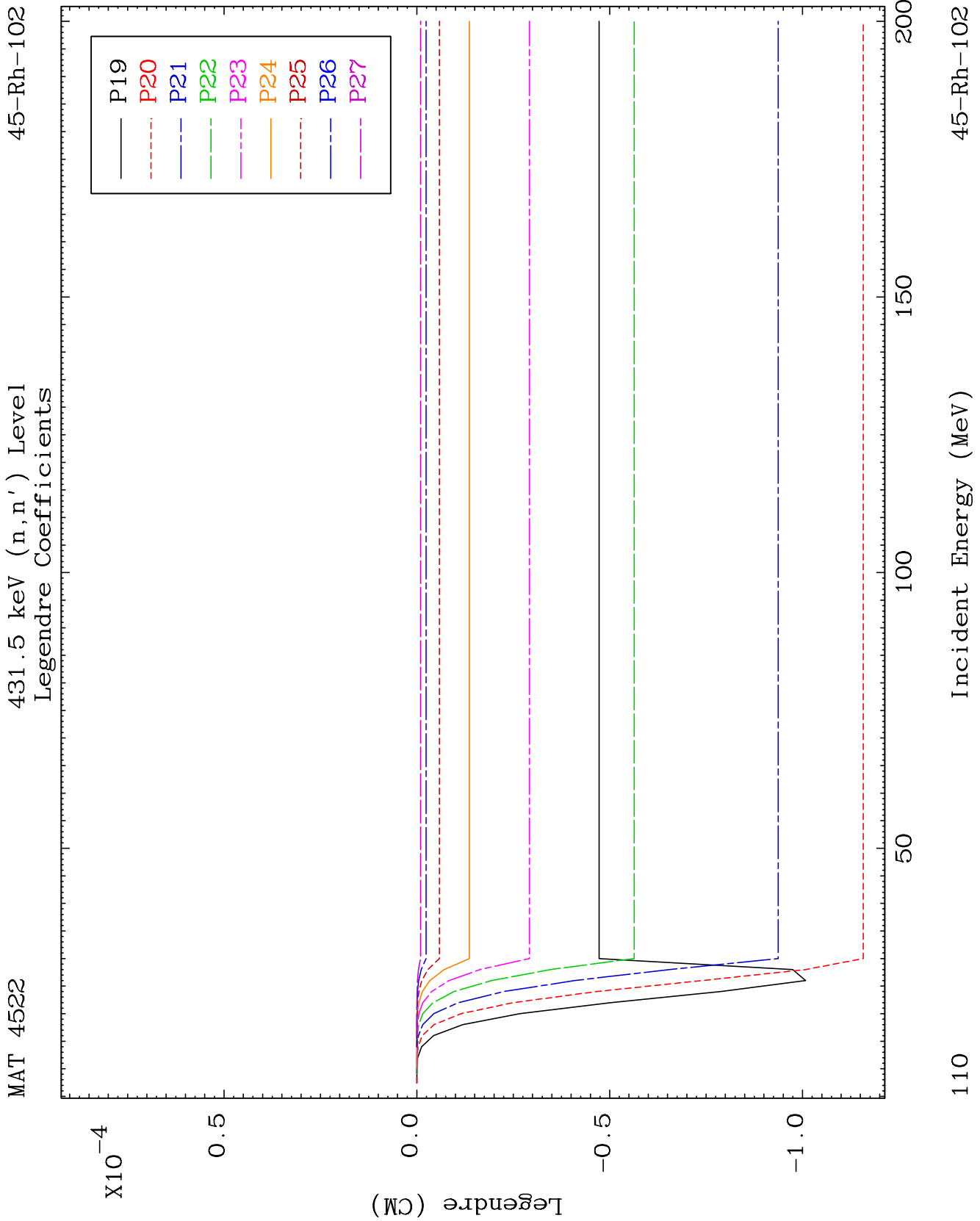


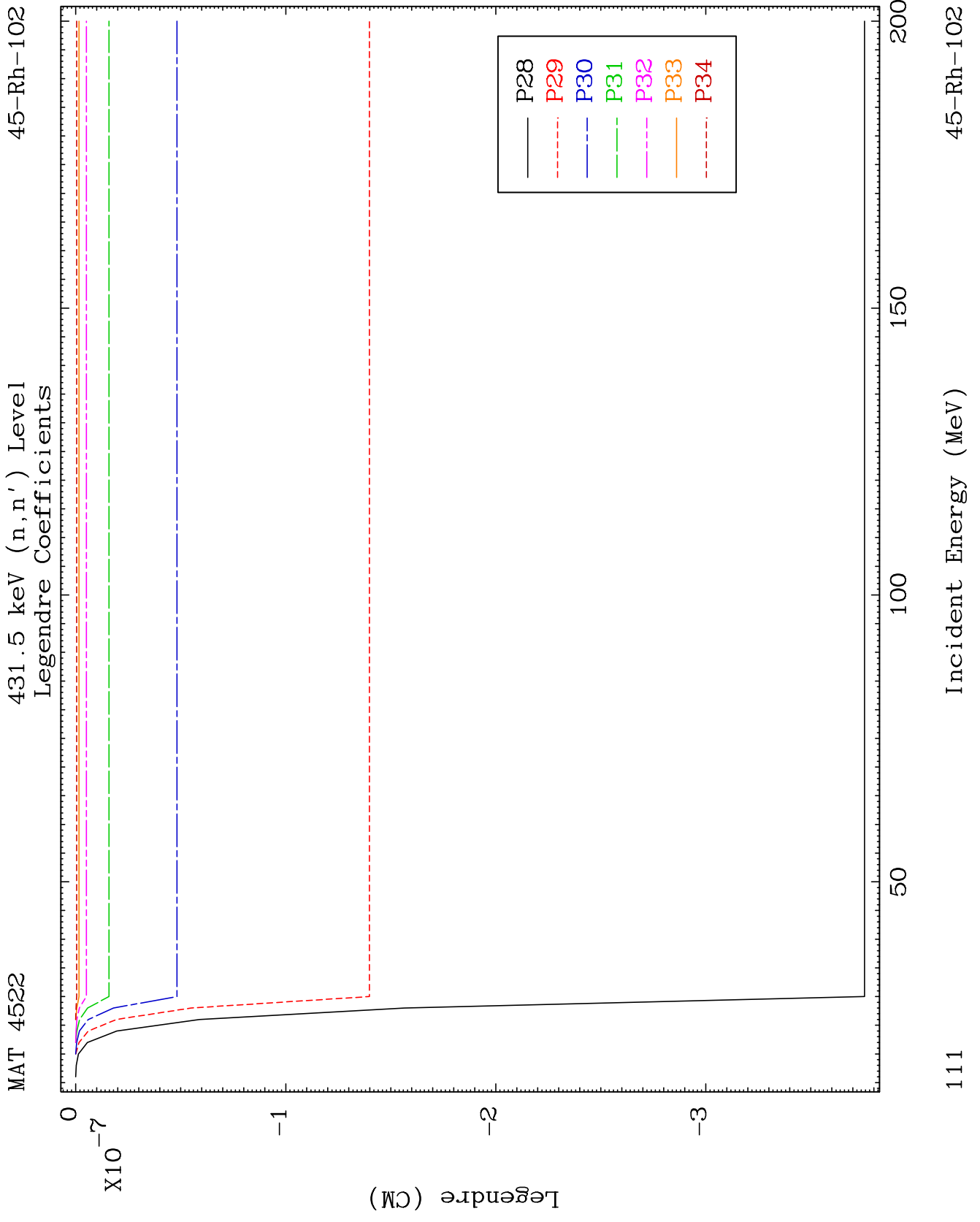




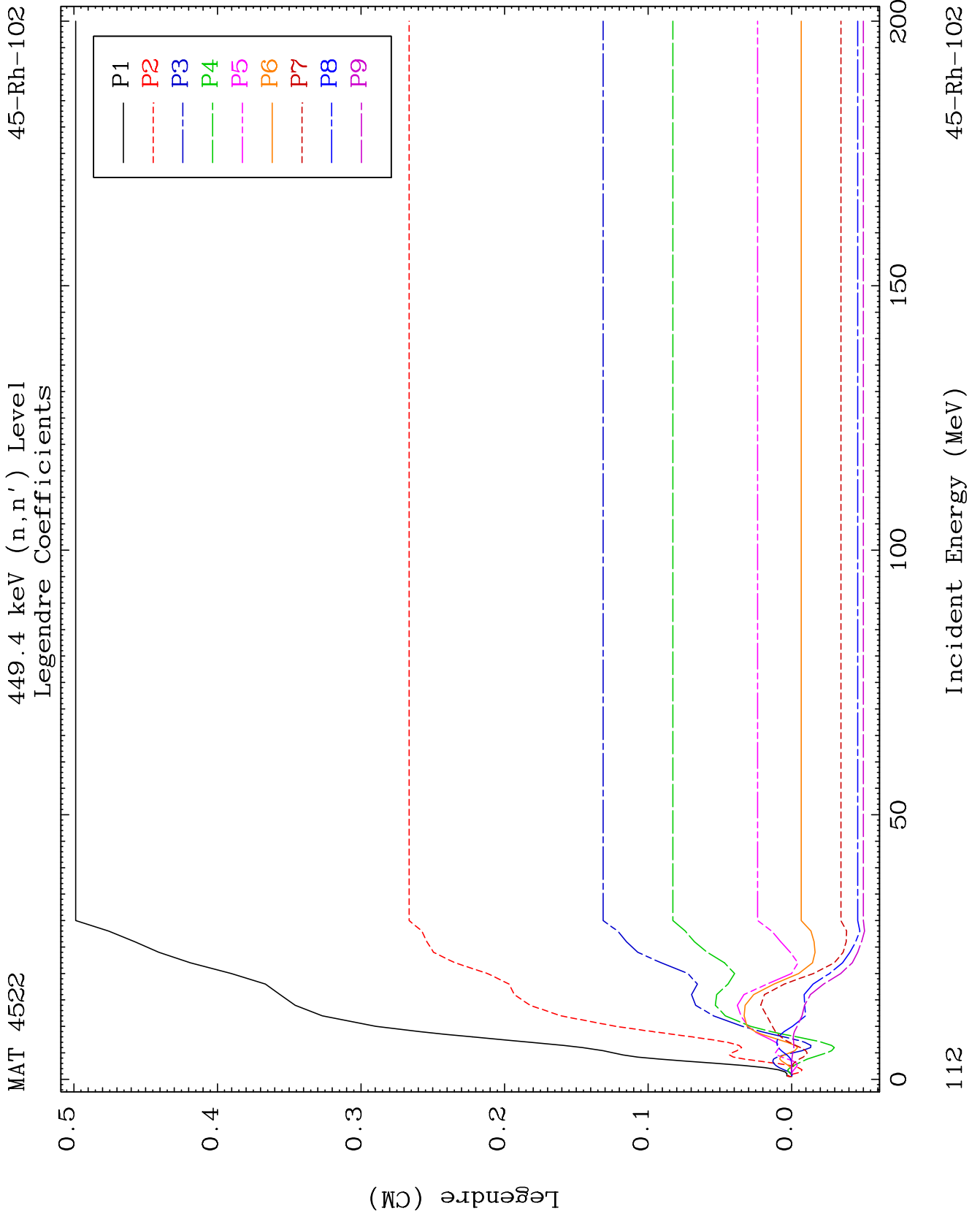


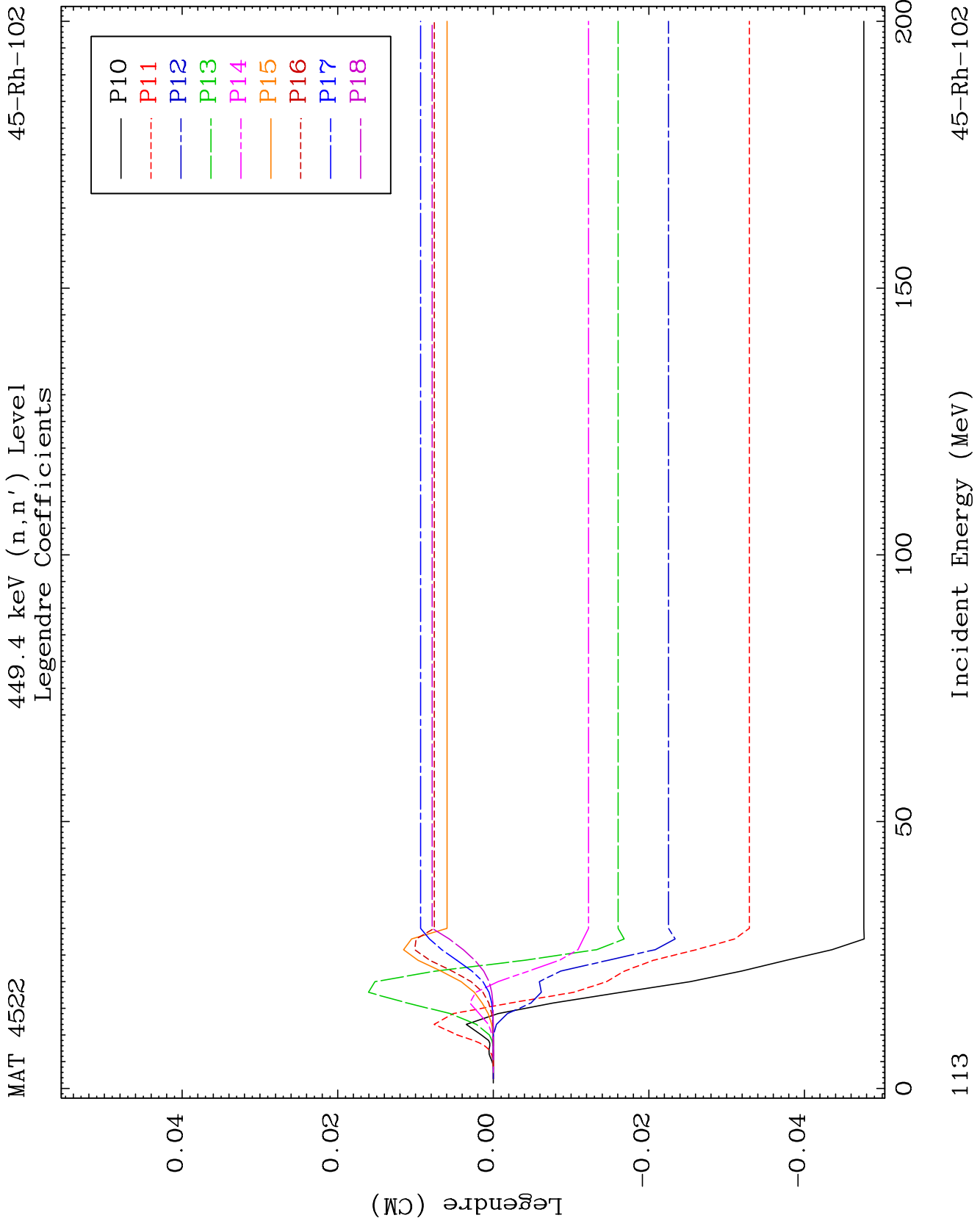


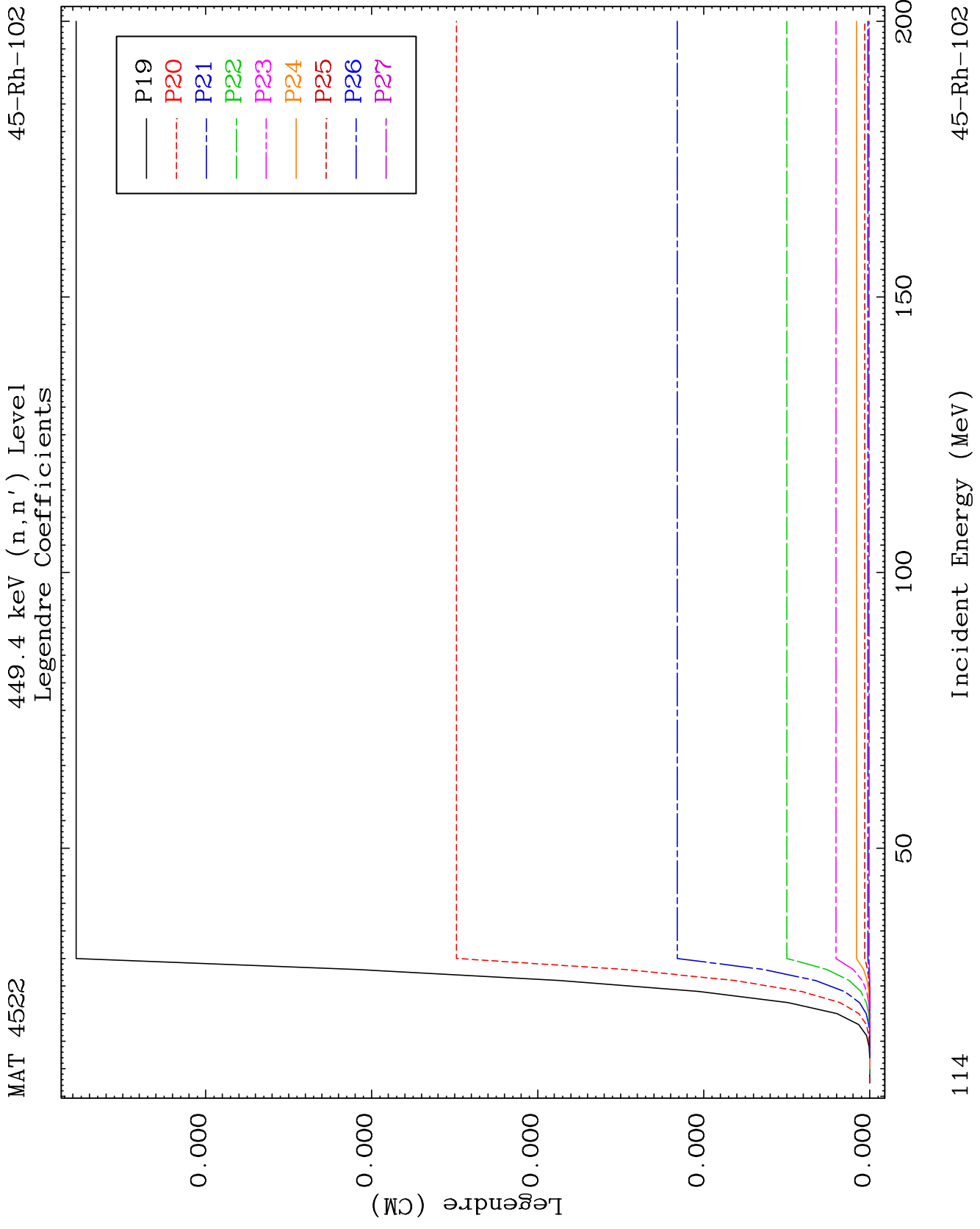


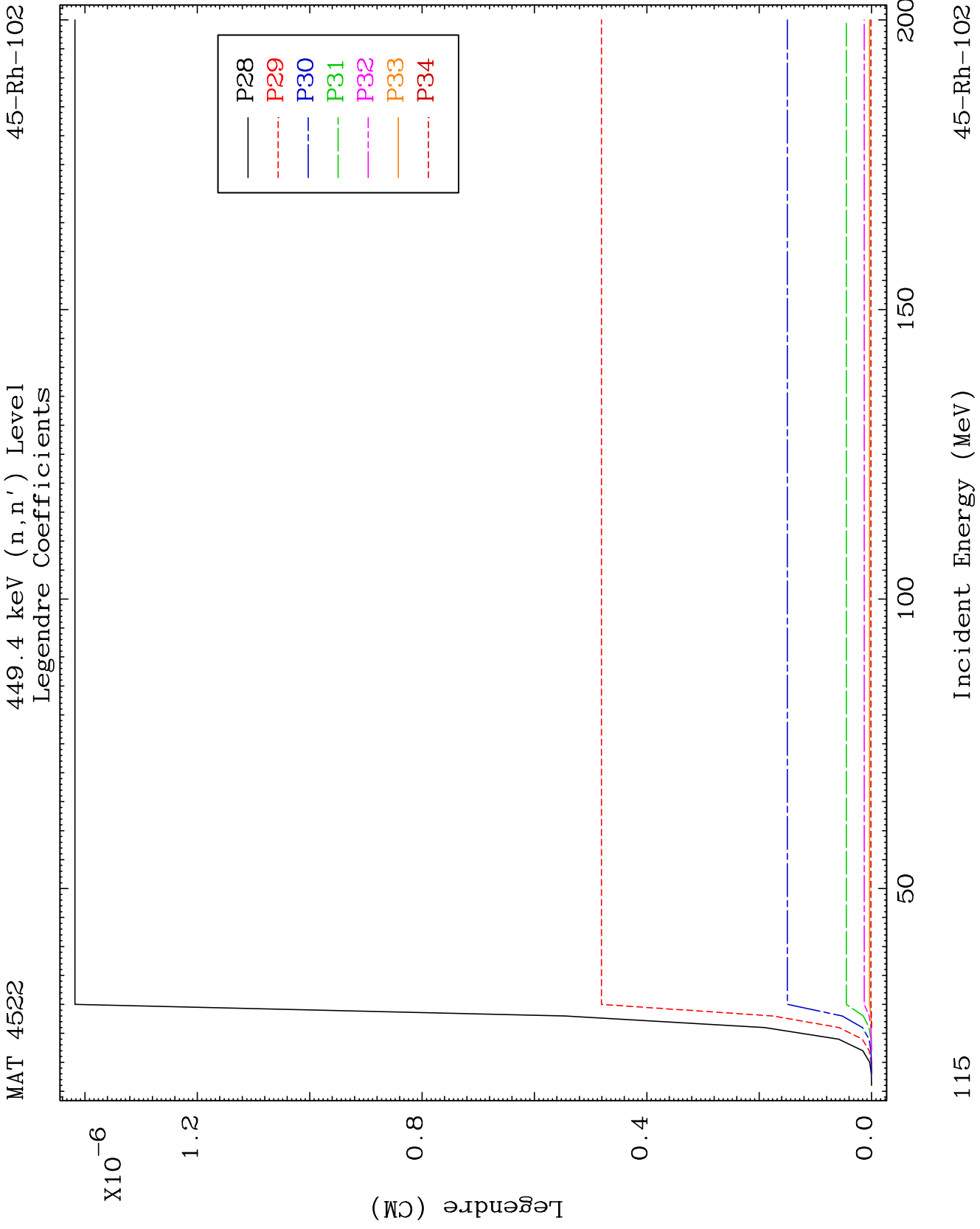










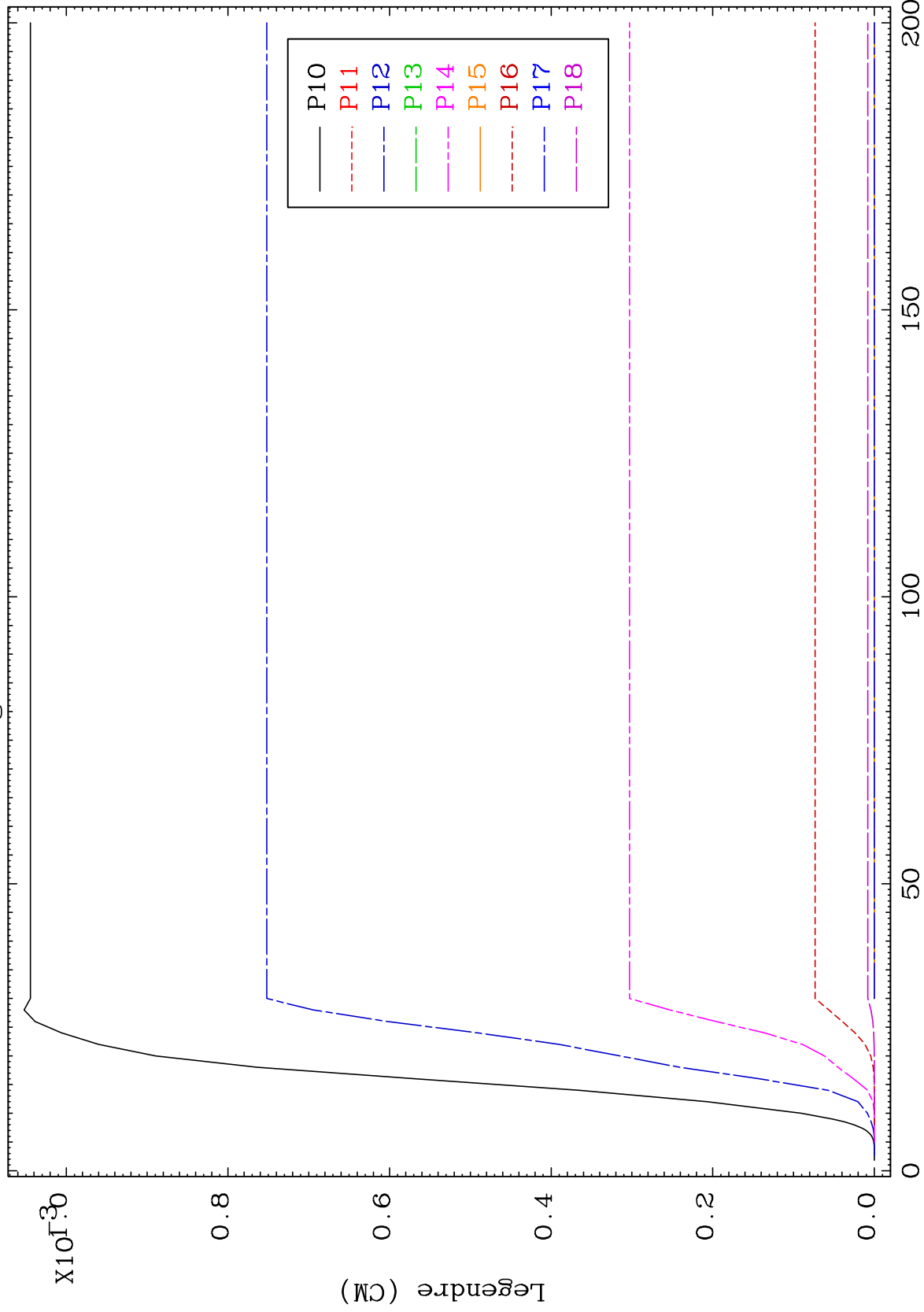




MAT 4522

450.6 keV (n,n') Level  
Legendre Coefficients

45-Rh-102

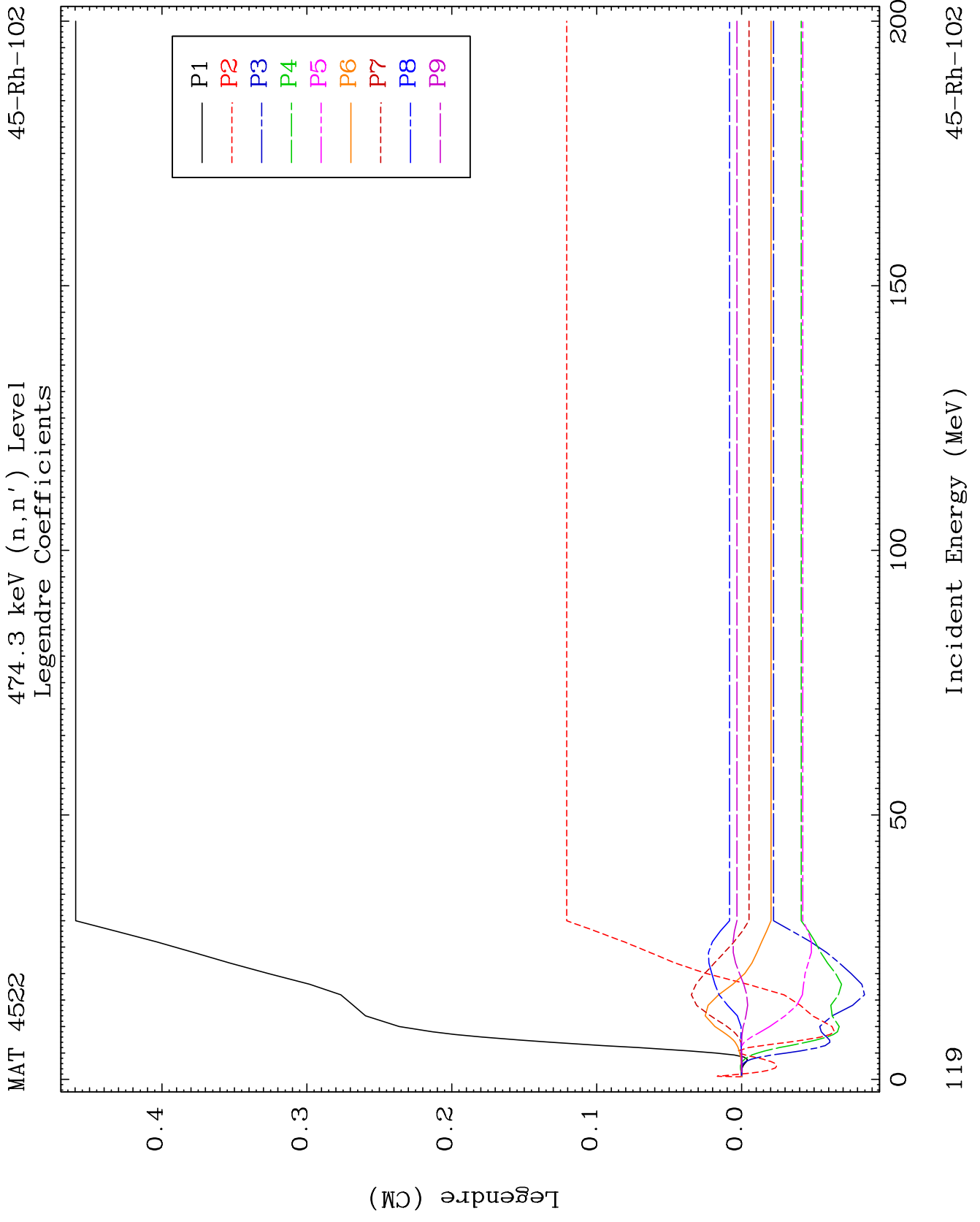


117

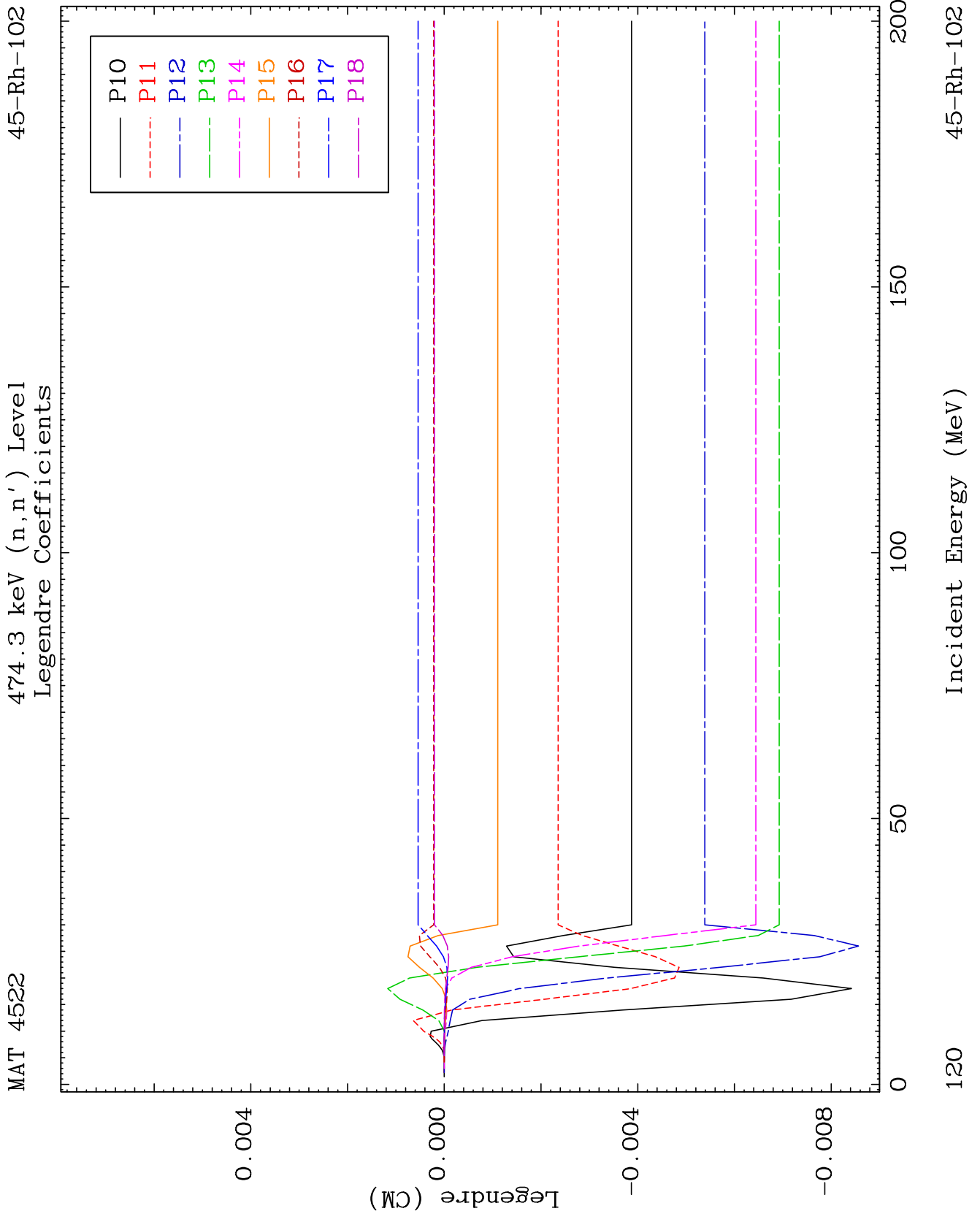
Incident Energy (MeV)

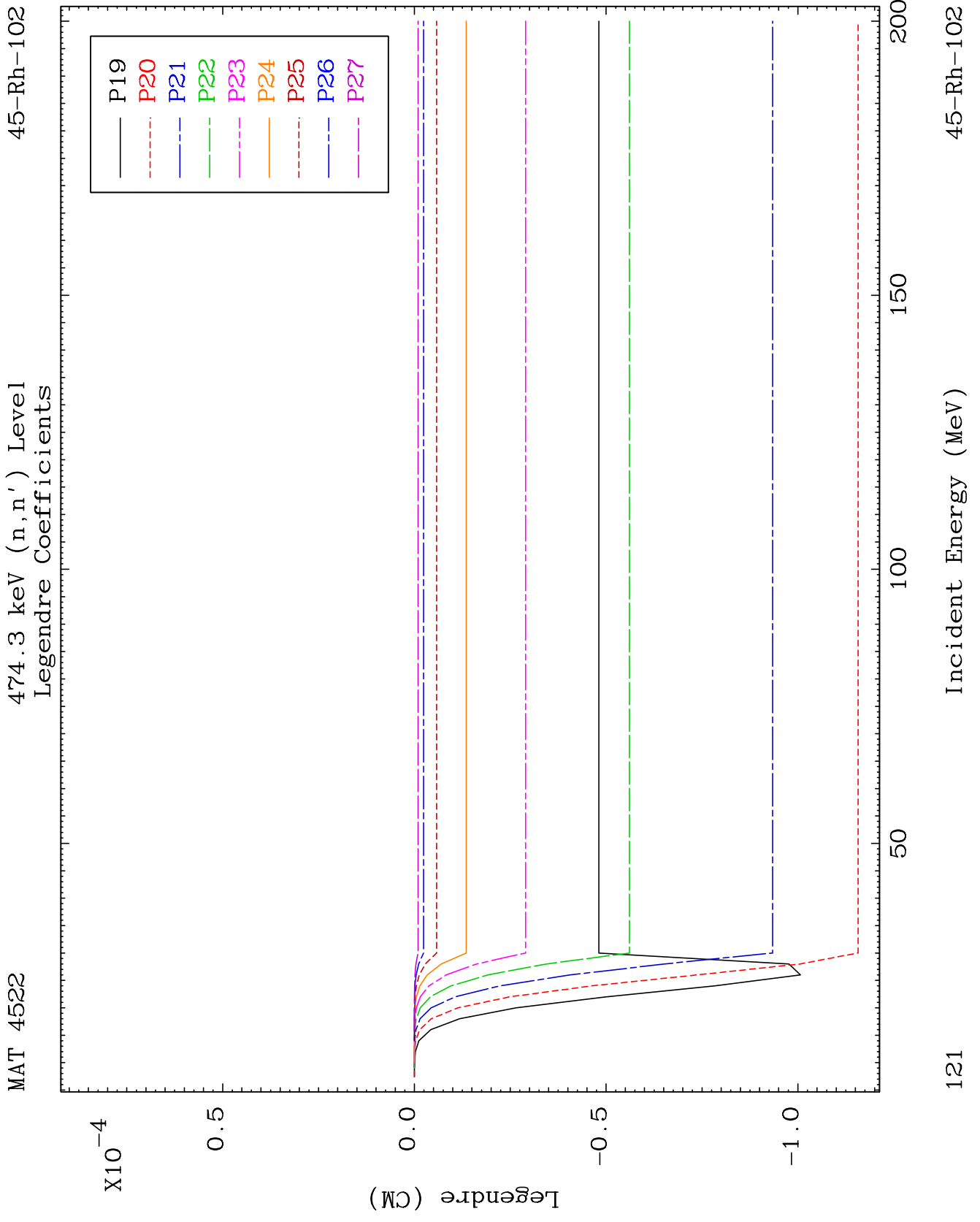
45-Rh-102

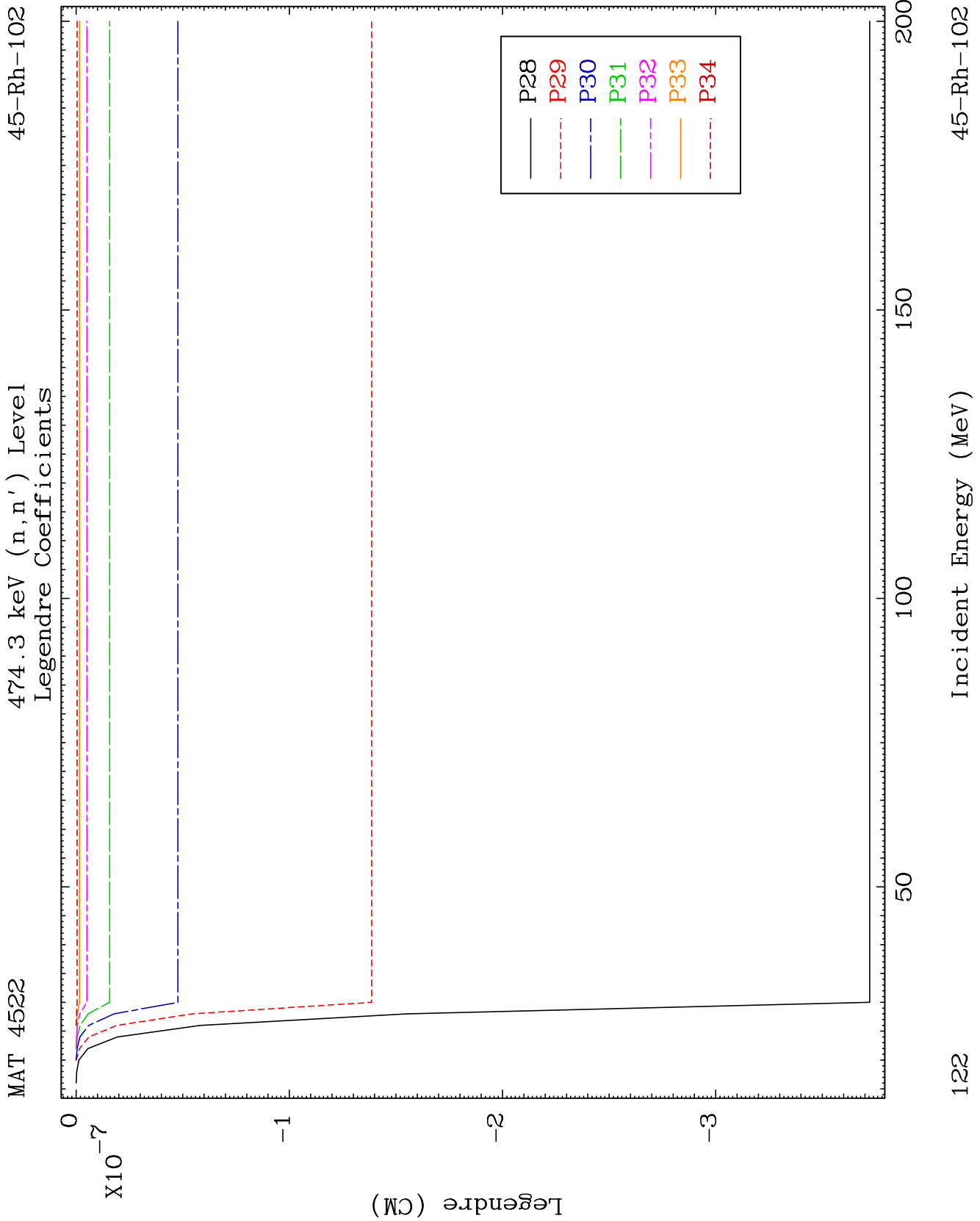








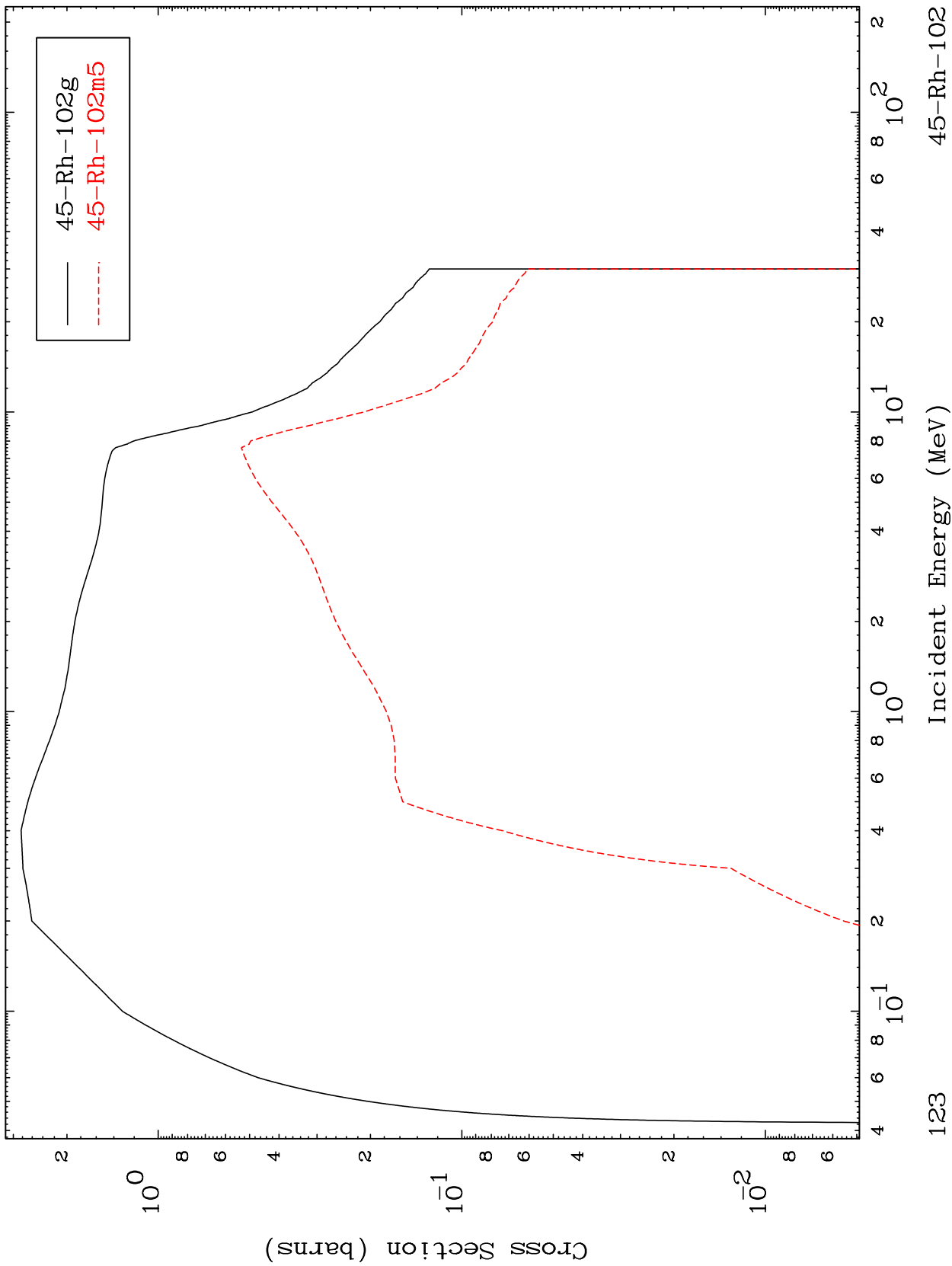




MAT 4522

45-Rh-102

Inelastic  
Radionuclide Production Cross Section



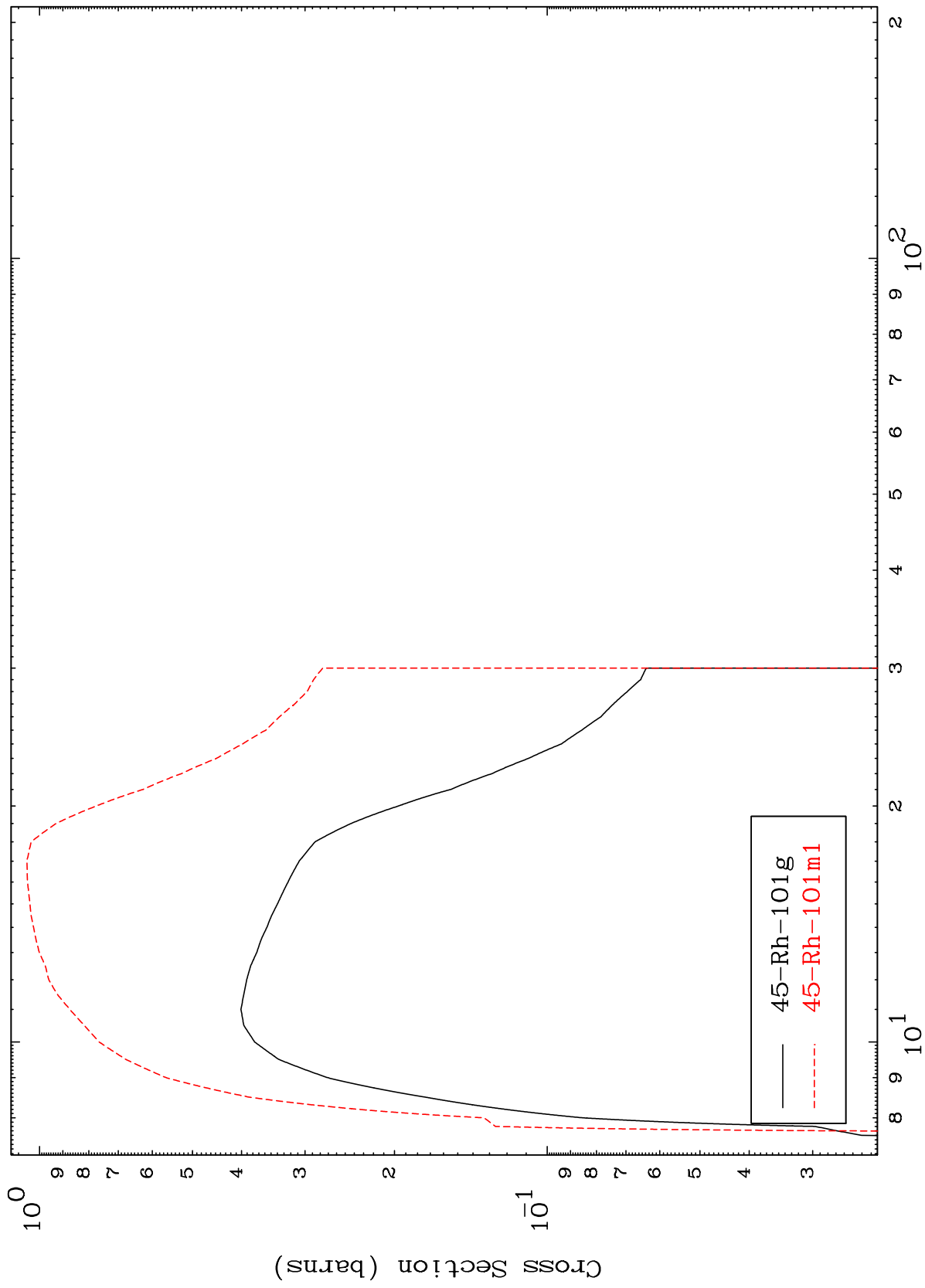
123

45-Rh-102

MAT 4522

45-Rh-102

(n,2n)  
Radionuclide Production Cross Section



124

Incident Energy (MeV)

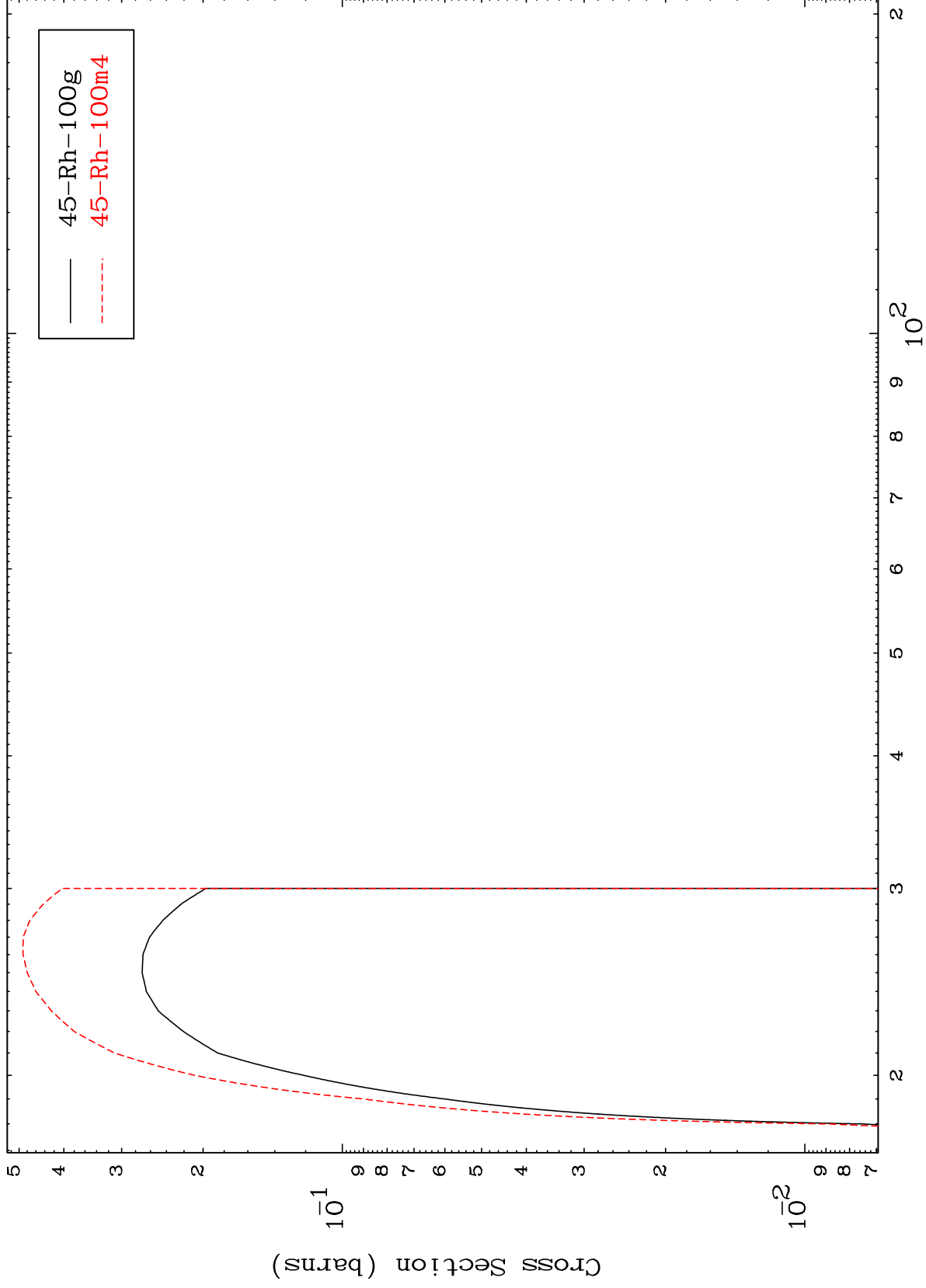
45-Rh-102

MAT 4522

(n,3n)

45-Rh-102

Radionuclide Production Cross Section



125

Incident Energy (MeV)

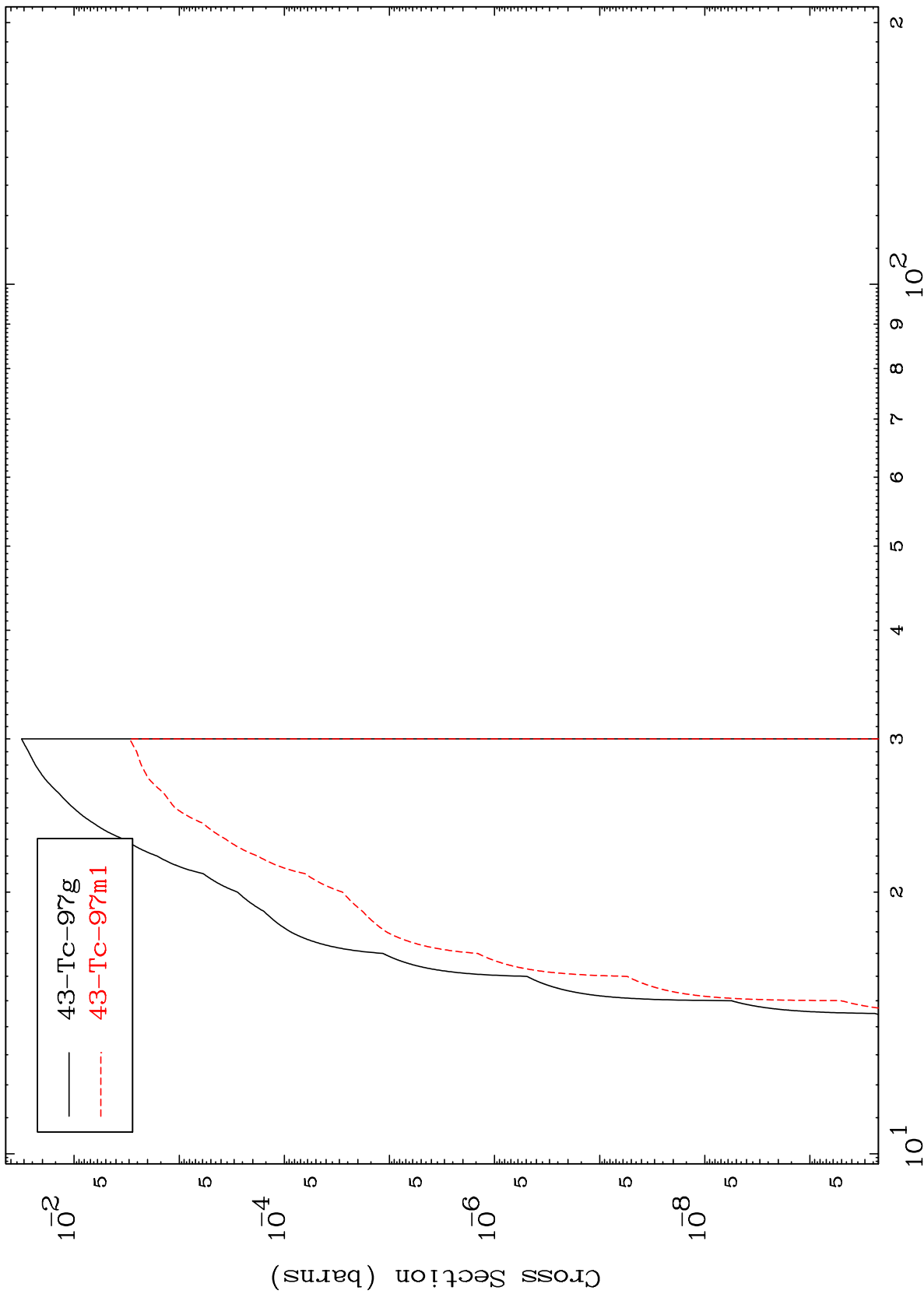
45-Rh-102

MAT 4522

(n,2n)  $\alpha$

45-Rh-102

Radionuclide Production Cross Section



— 43-Tc-97g  
- - - 43-Tc-97m1

Incident Energy (MeV)

45-Rh-102

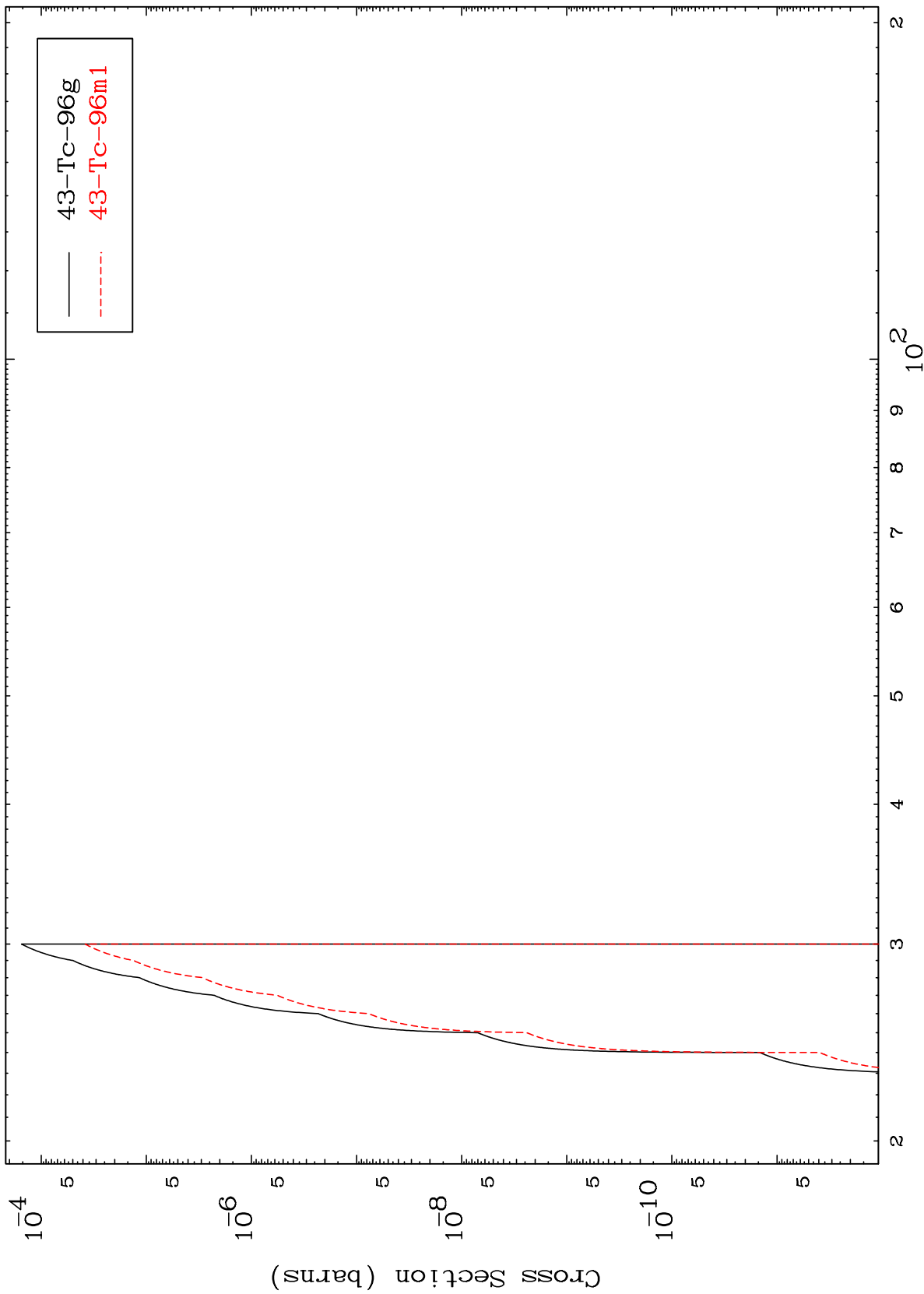
126

MAT 4522

(n,3n)  $\alpha$

45-Rh-102

Radionuclide Production Cross Section



127

Incident Energy (MeV)

45-Rh-102

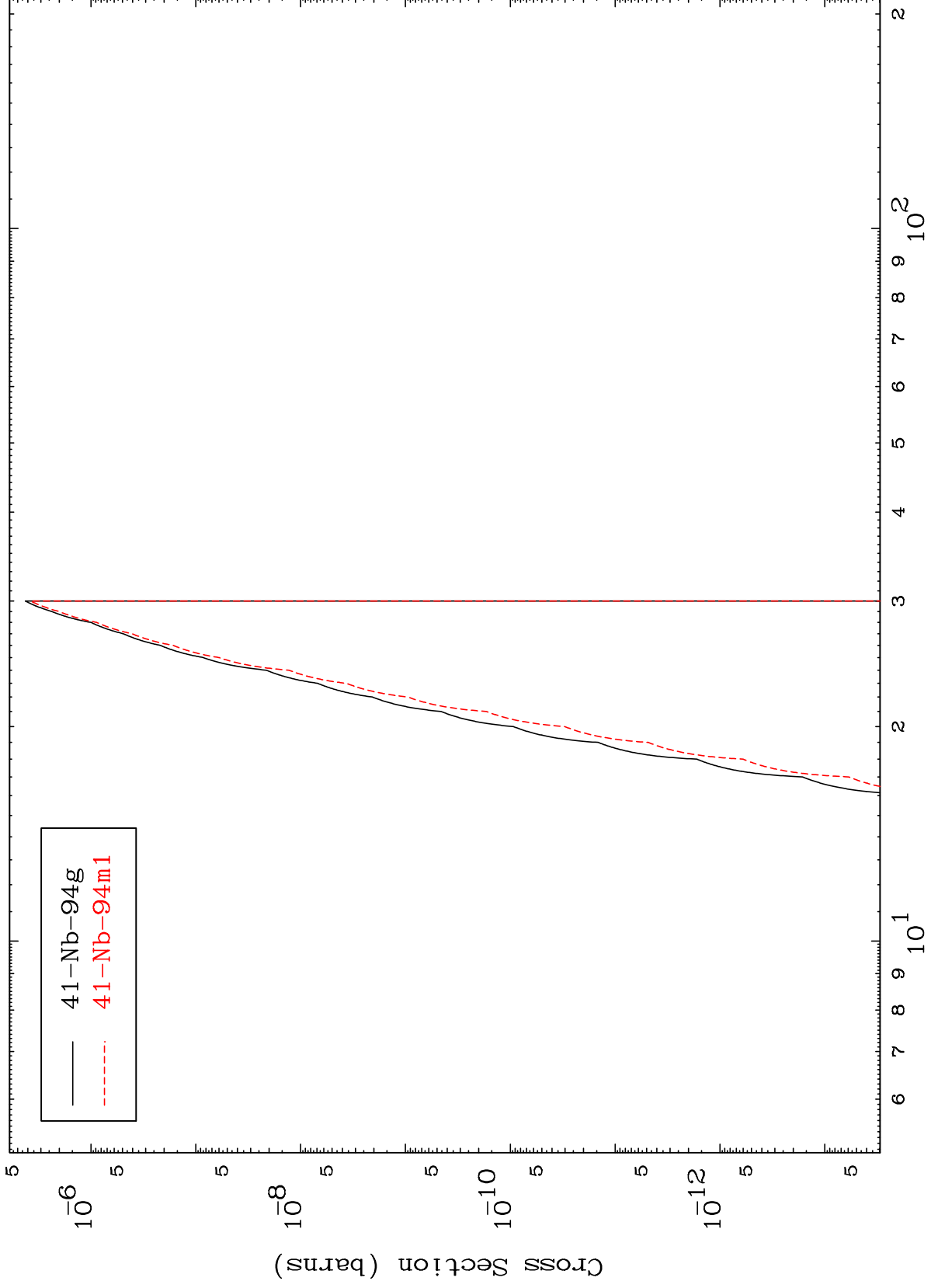


MAT 4522

(n,n') 2α

45-Rh-102

Radionuclide Production Cross Section



128

Incident Energy (MeV)

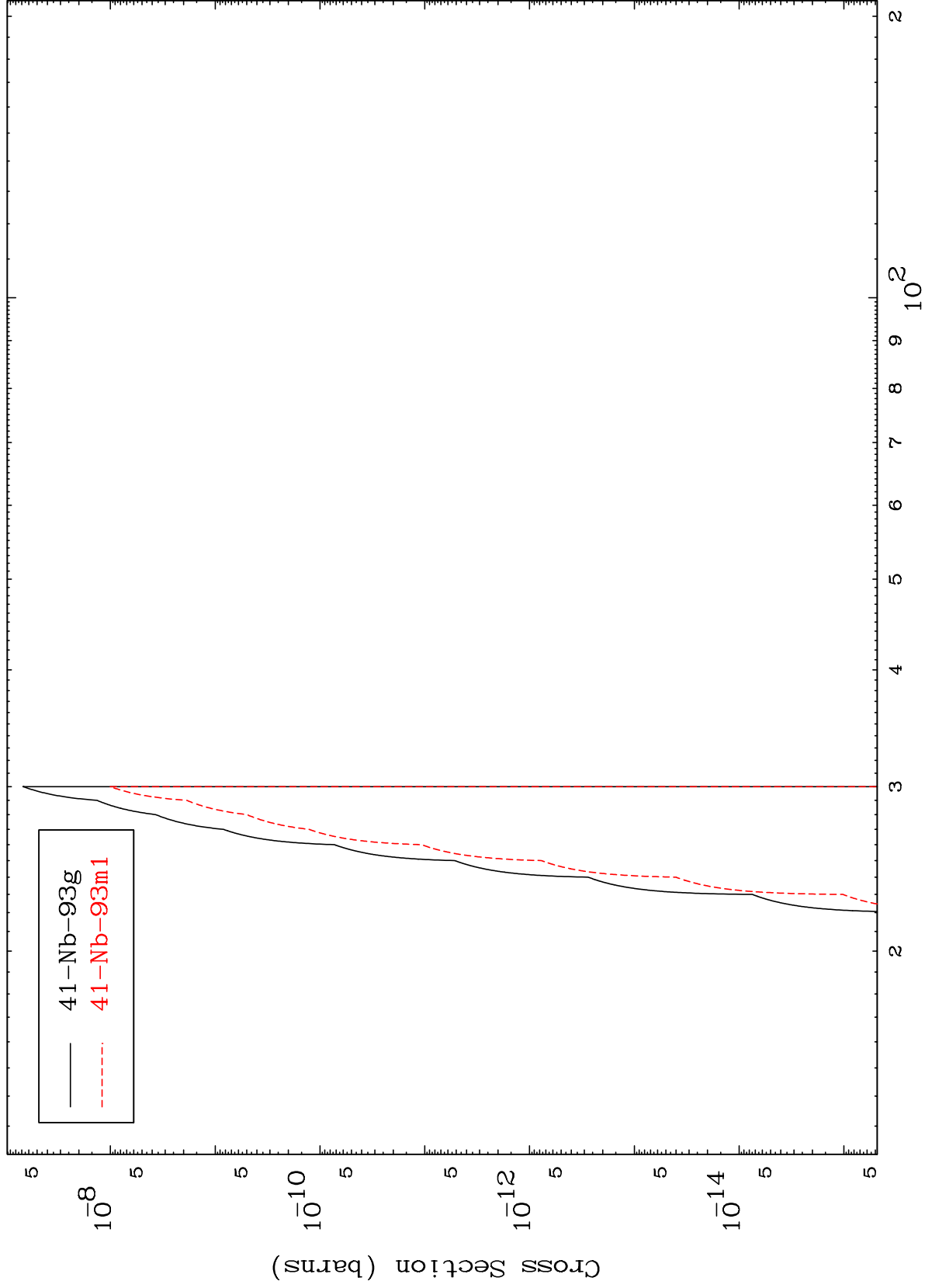
45-Rh-102

MAT 4522

(n,2n) 2α

45-Rh-102

Radionuclide Production Cross Section



129

Incident Energy (MeV)

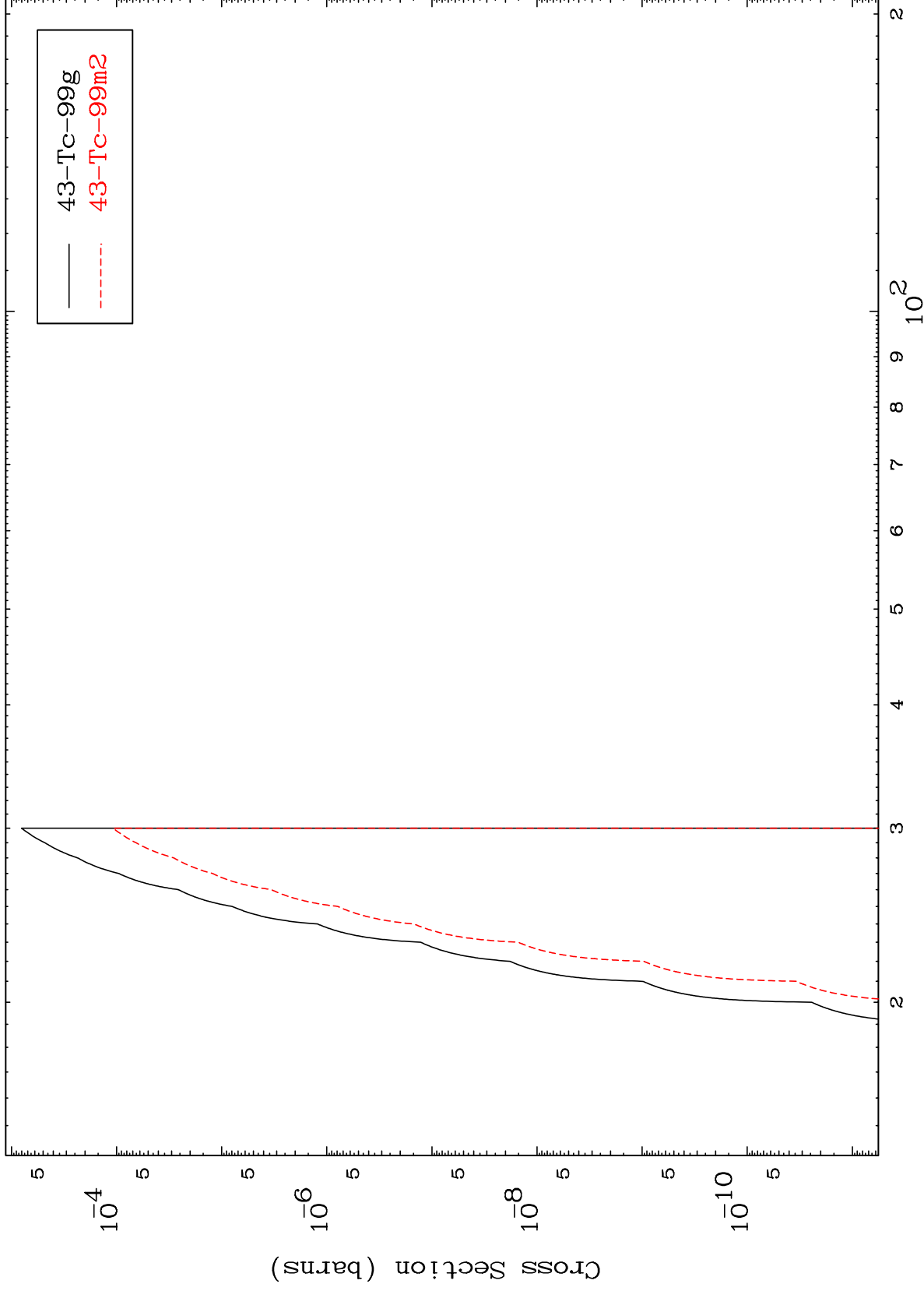
45-Rh-102

MAT 4522

(n,n') He-3

45-Rh-102

Radionuclide Production Cross Section



130

Incident Energy (MeV)

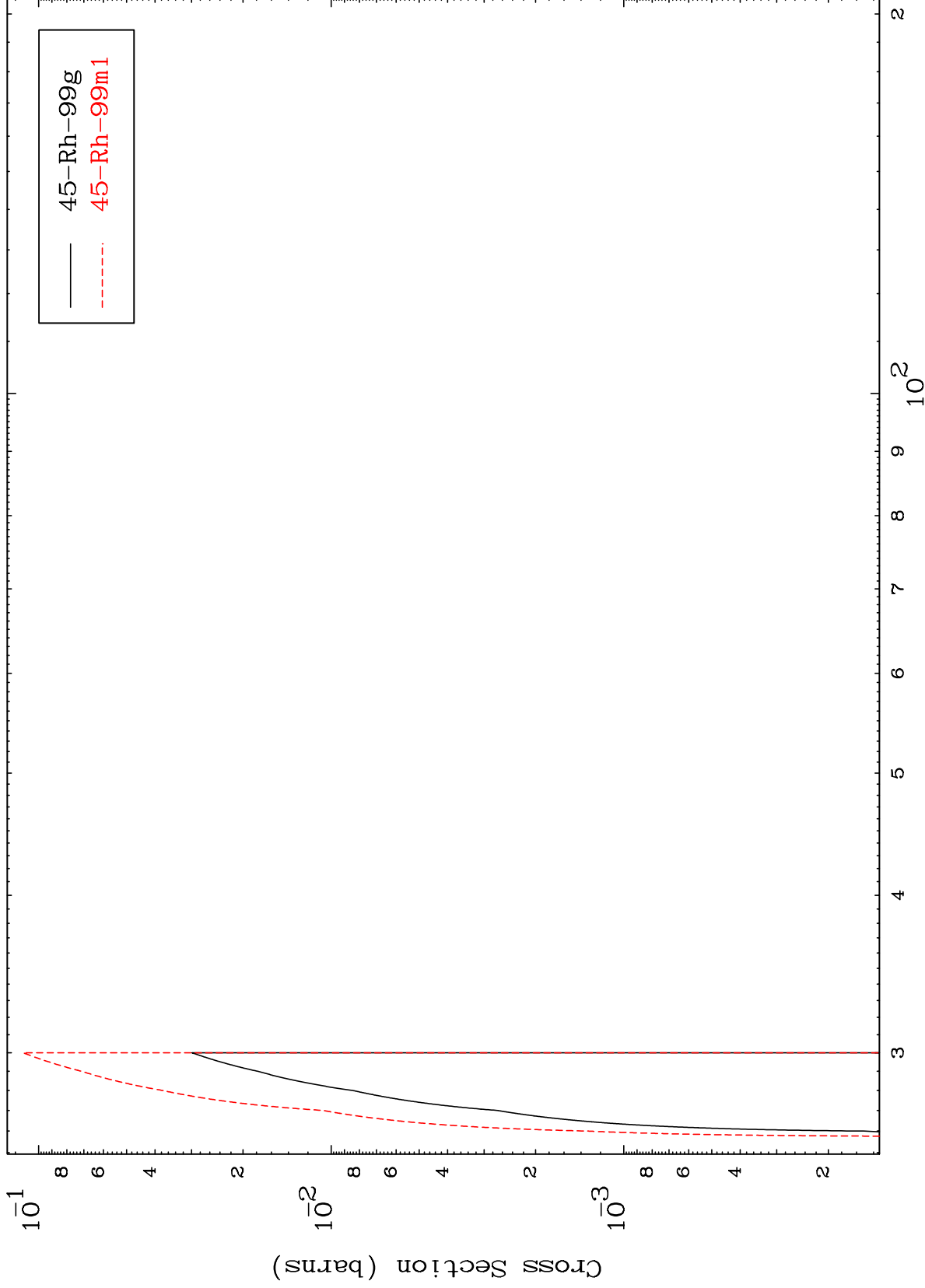
45-Rh-102

MAT 4522

(n,4n)

45-Rh-102

Radionuclide Production Cross Section



131

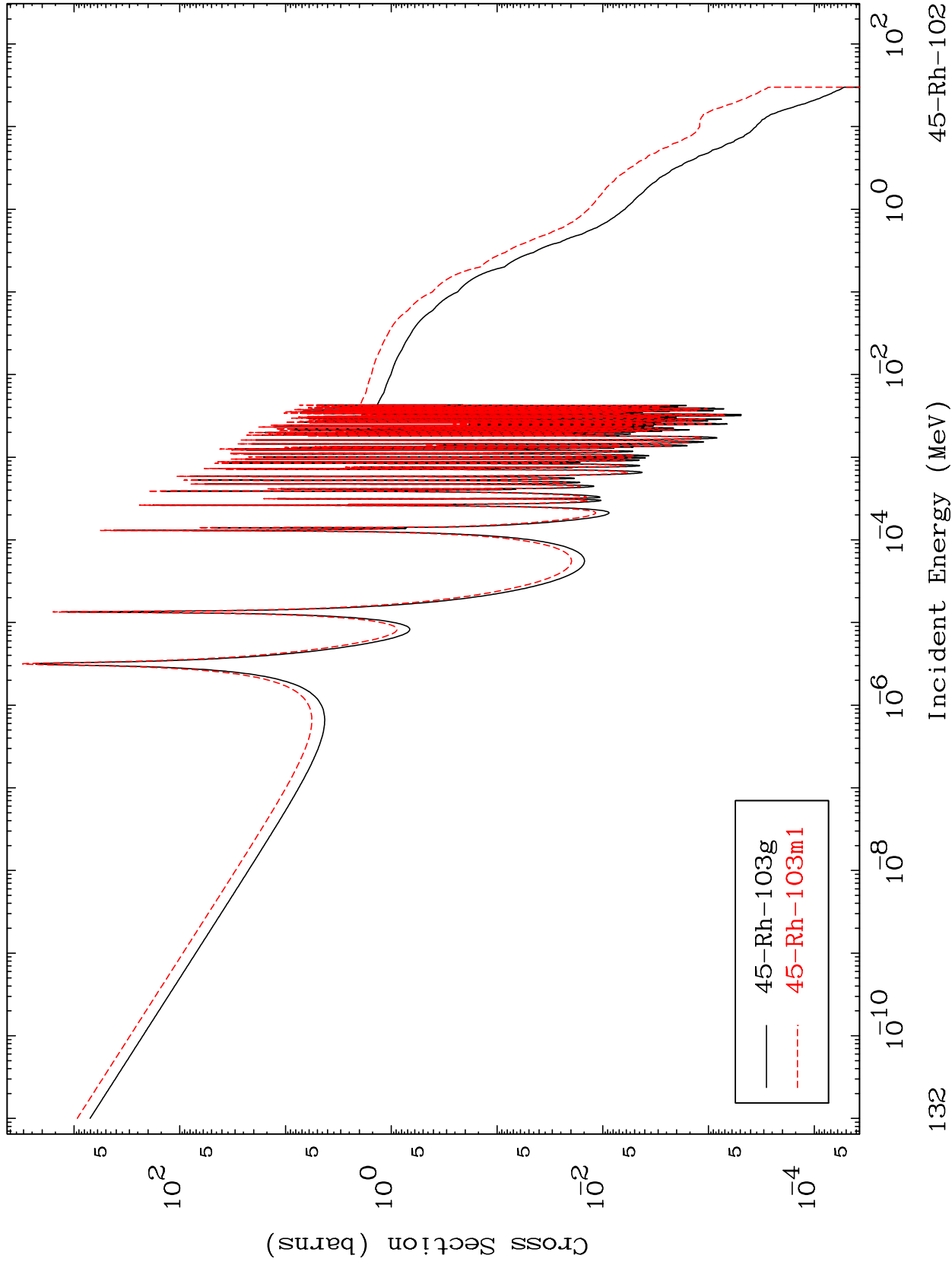
Incident Energy (MeV)

45-Rh-102

MAT 4522

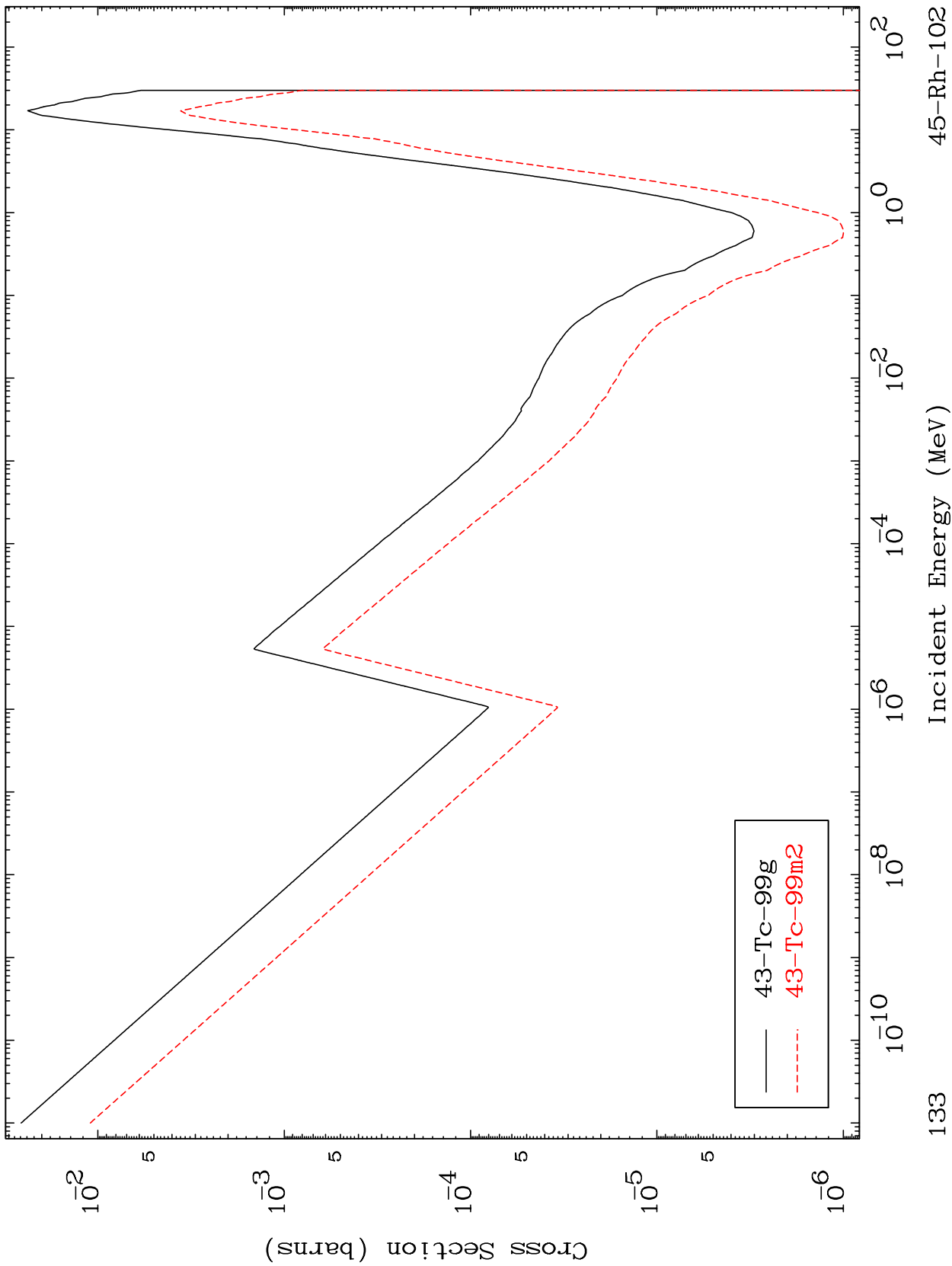
45-Rh-102

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



132

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

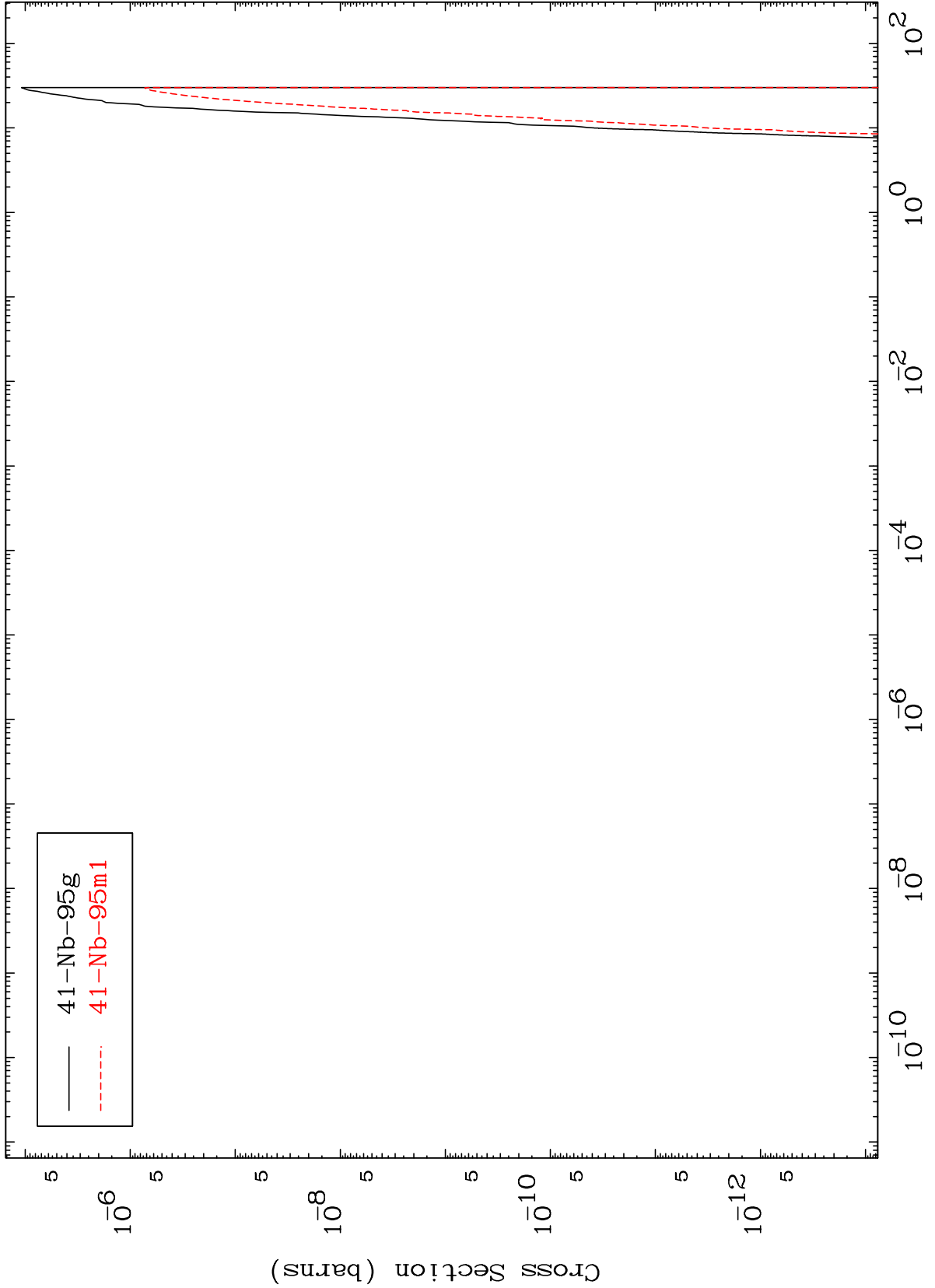


MAT 4522

(n,2α)

45-Rh-102

Radionuclide Production Cross Section



— 41-Nb-95g  
- - - 41-Nb-95m1

134

Incident Energy (MeV)

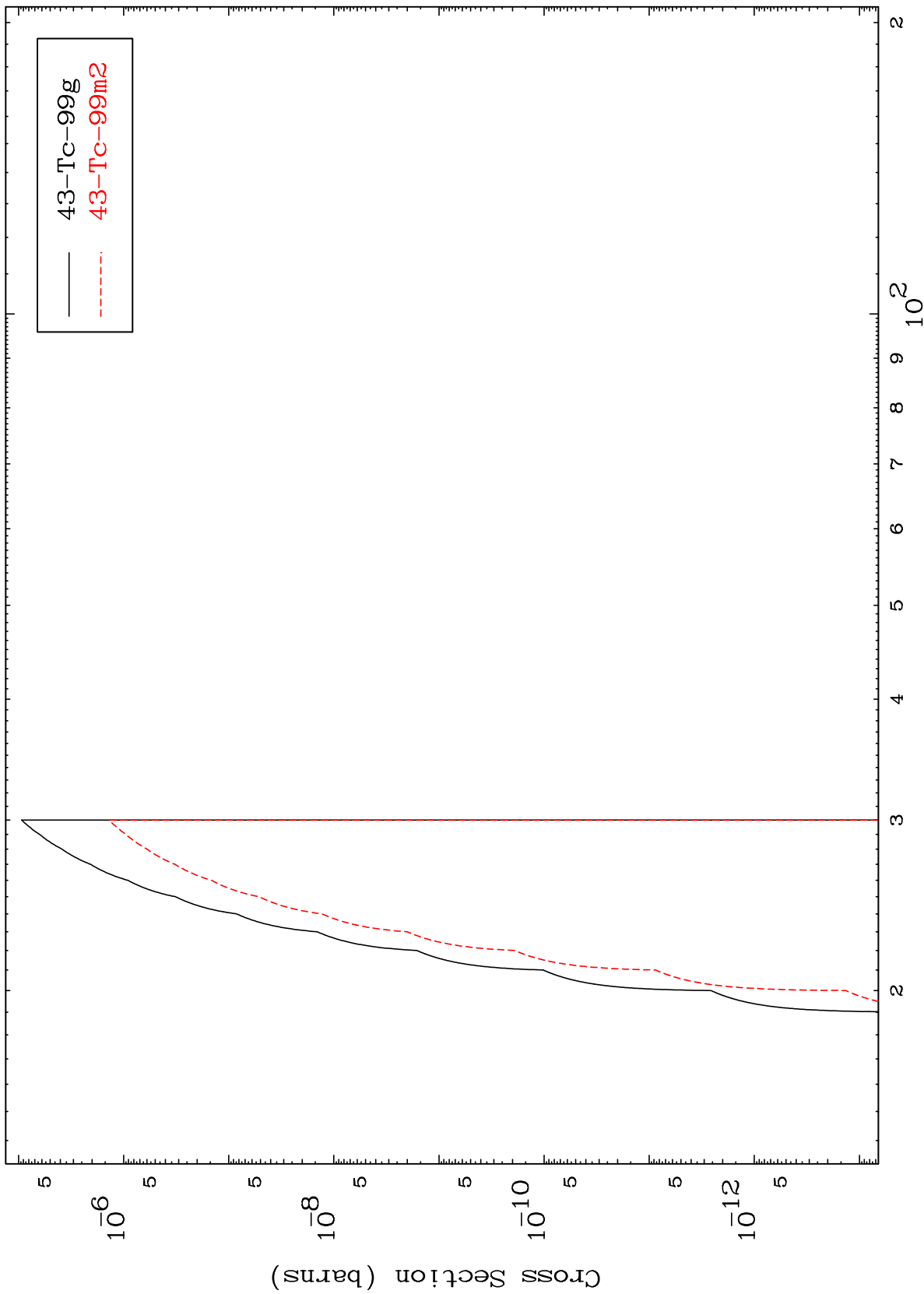
45-Rh-102

MAT 4522

(n,p) t

45-Rh-102

Radionuclide Production Cross Section



43-Tc-99g  
43-Tc-99m2

135

Incident Energy (MeV)

45-Rh-102