

Program EVALPLOT
(Version 2015-2)

by

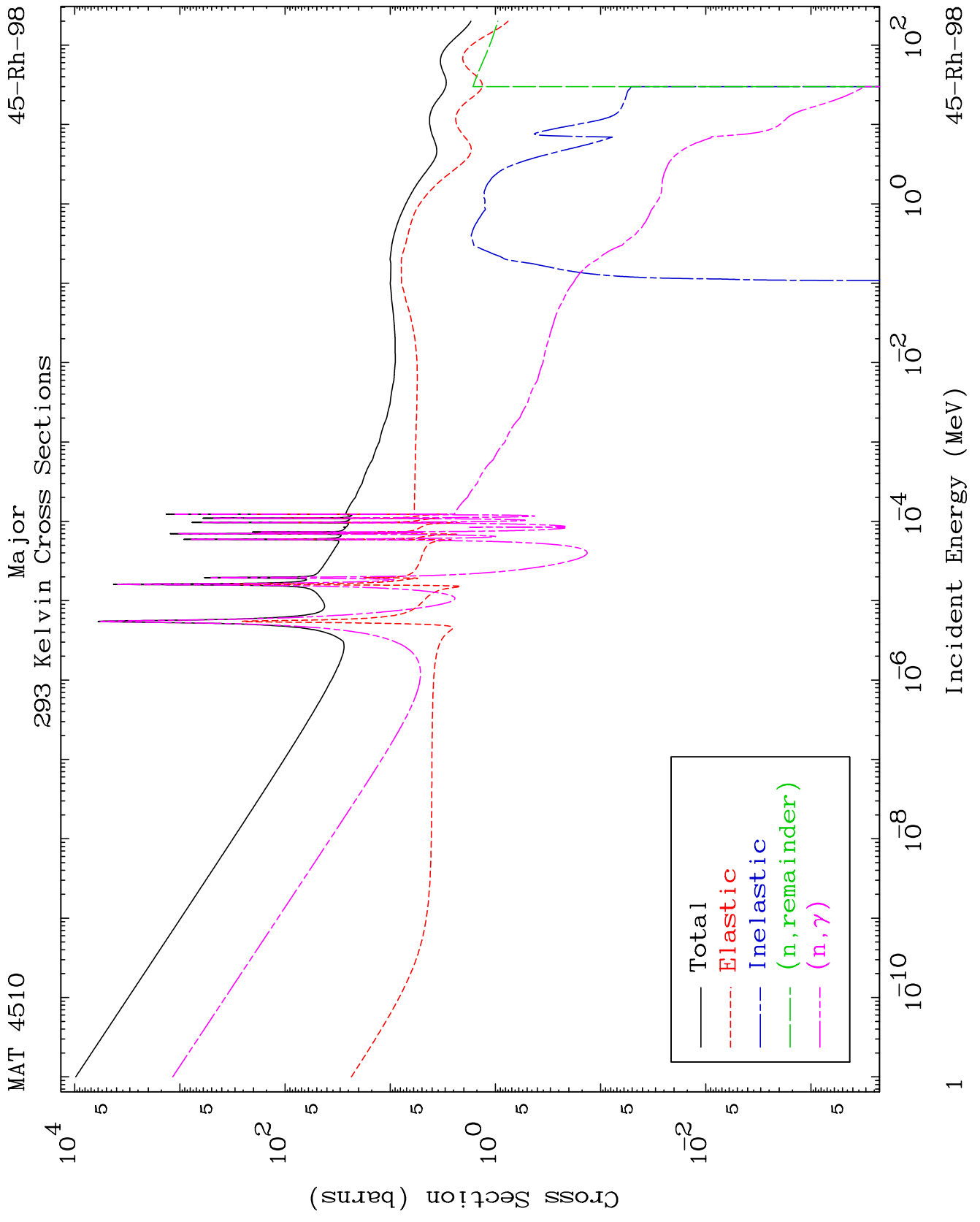
Dermott E. Cullen
(Present Contact Information)

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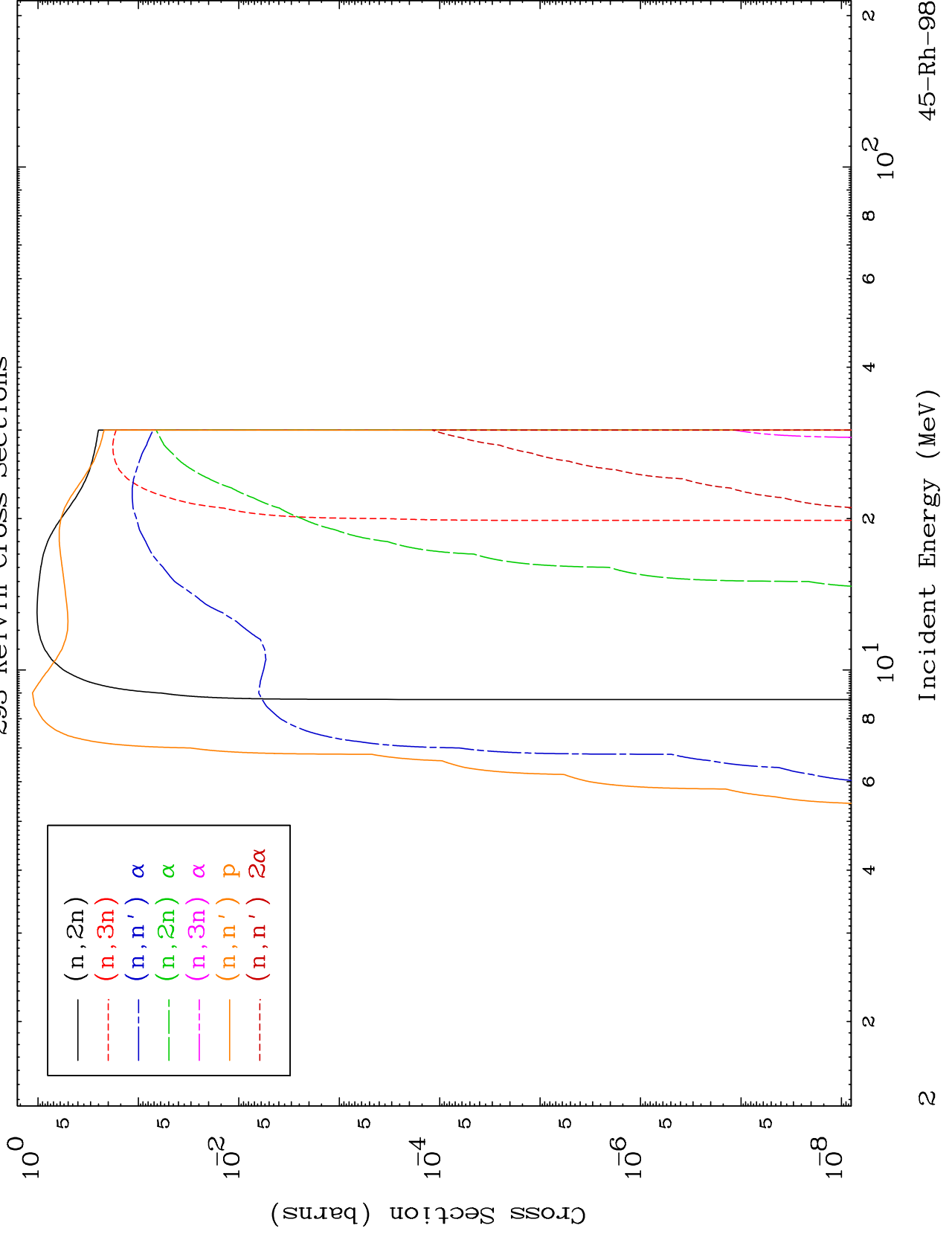
Press Mouse Button to Start

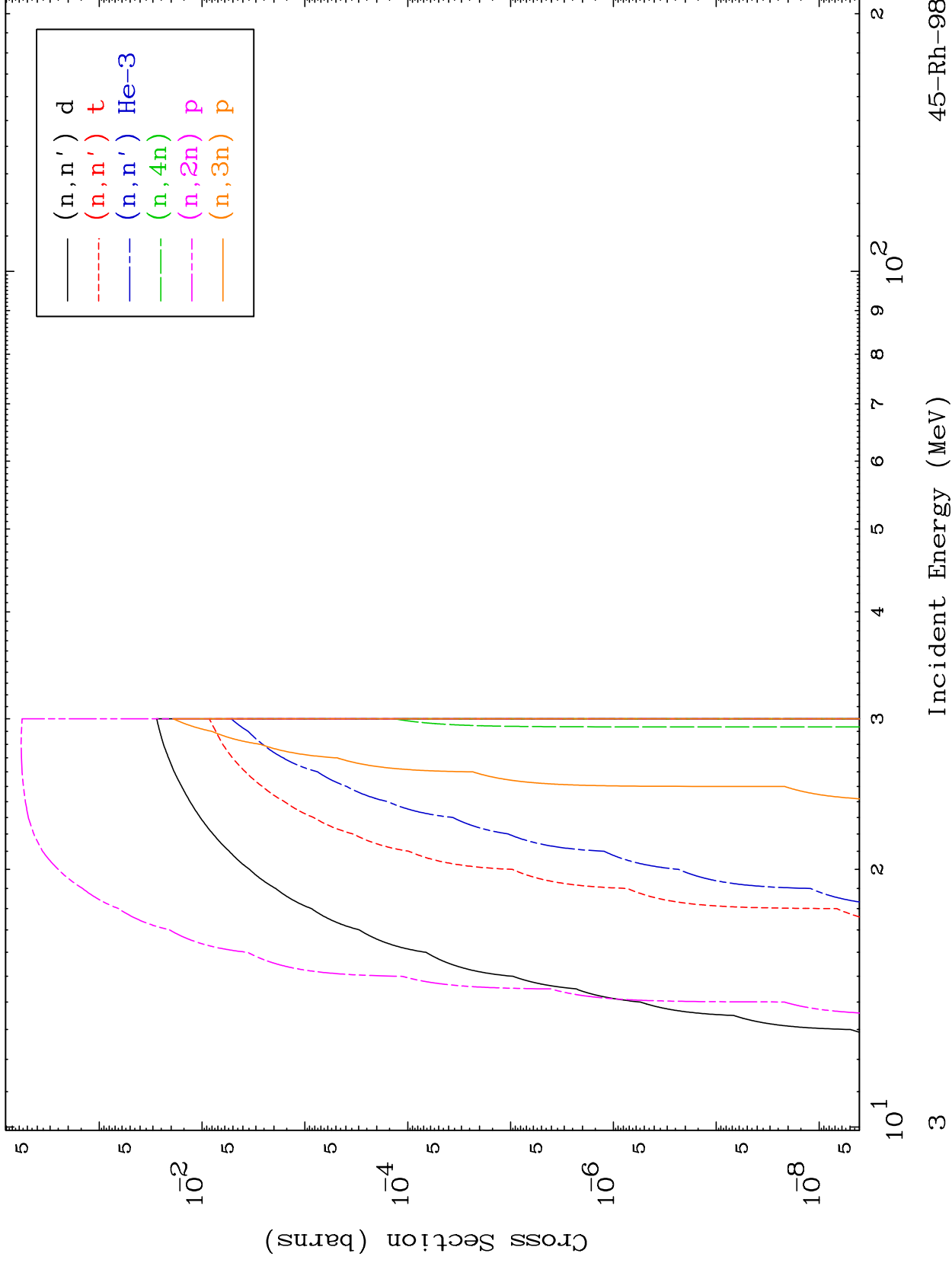


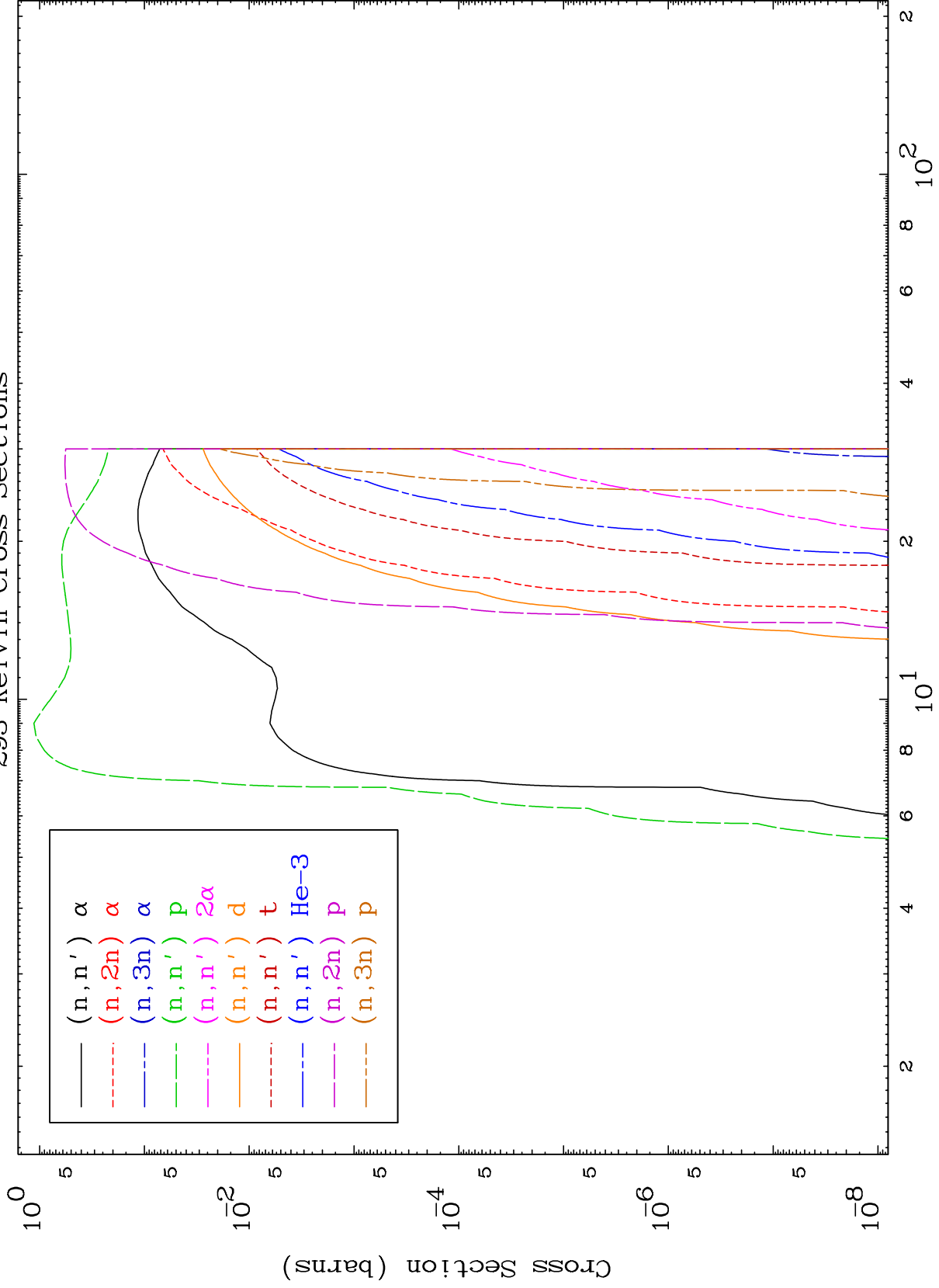
MAT 4510

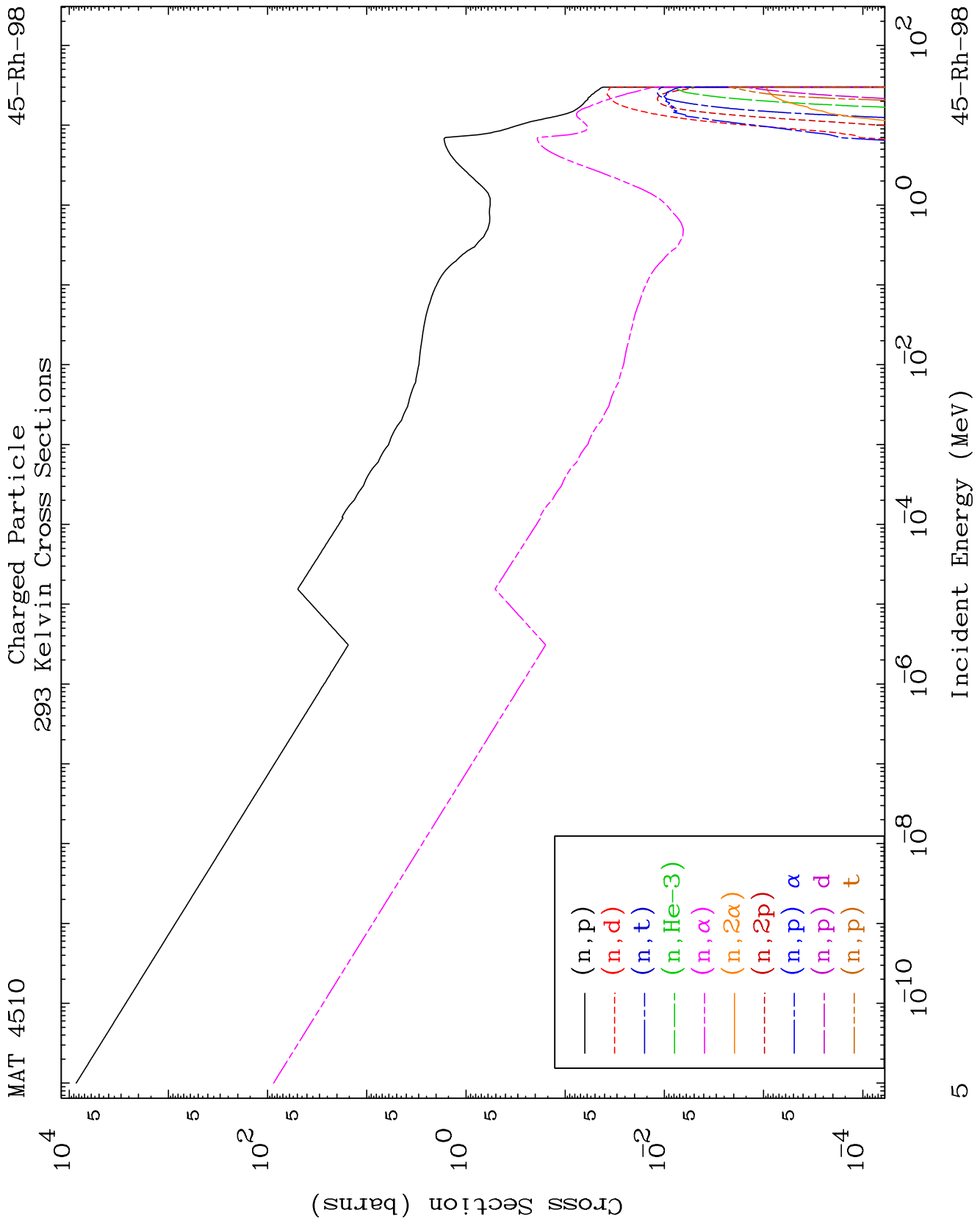
Neutron Production
293 Kelvin Cross Sections

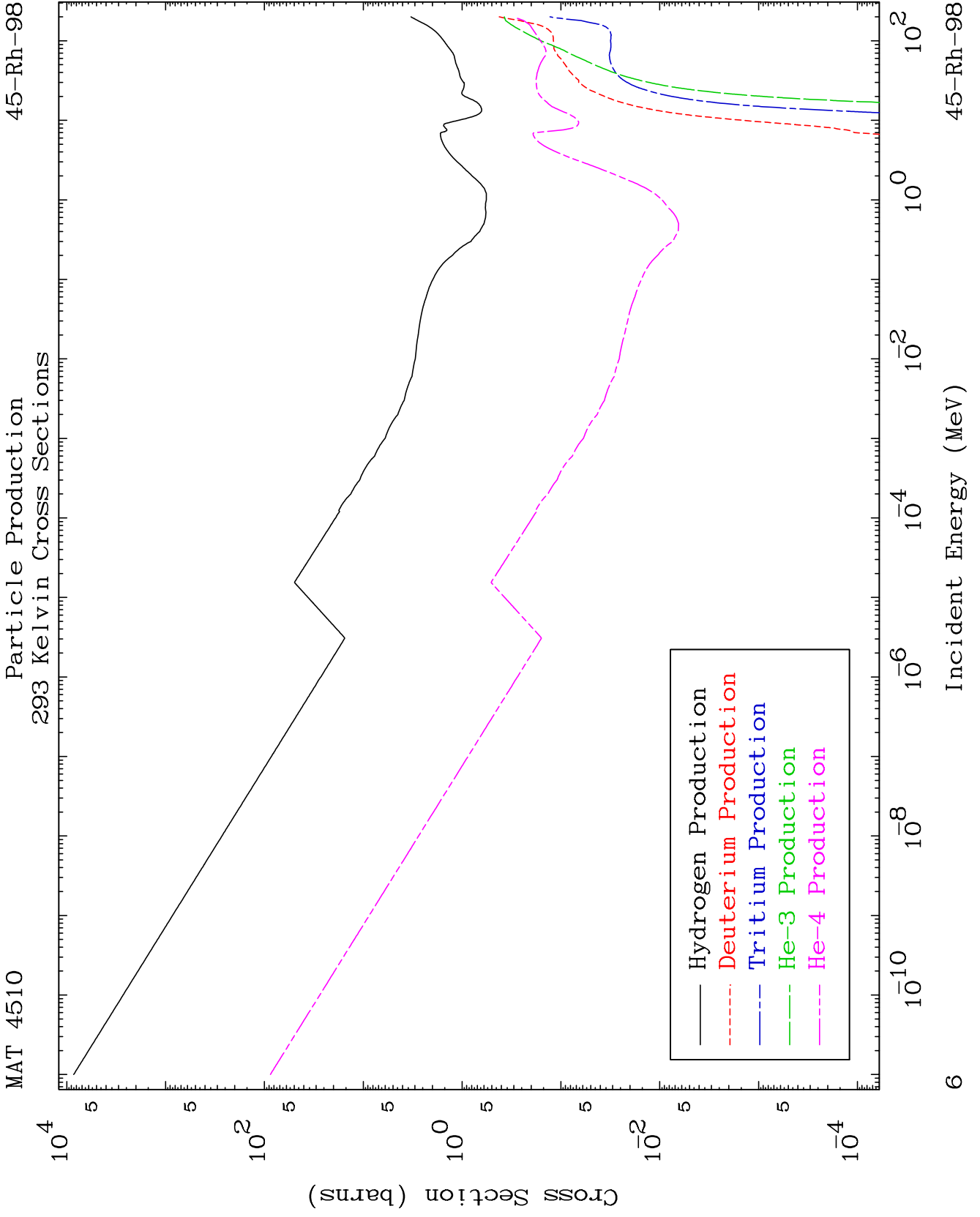
45-Rh-98









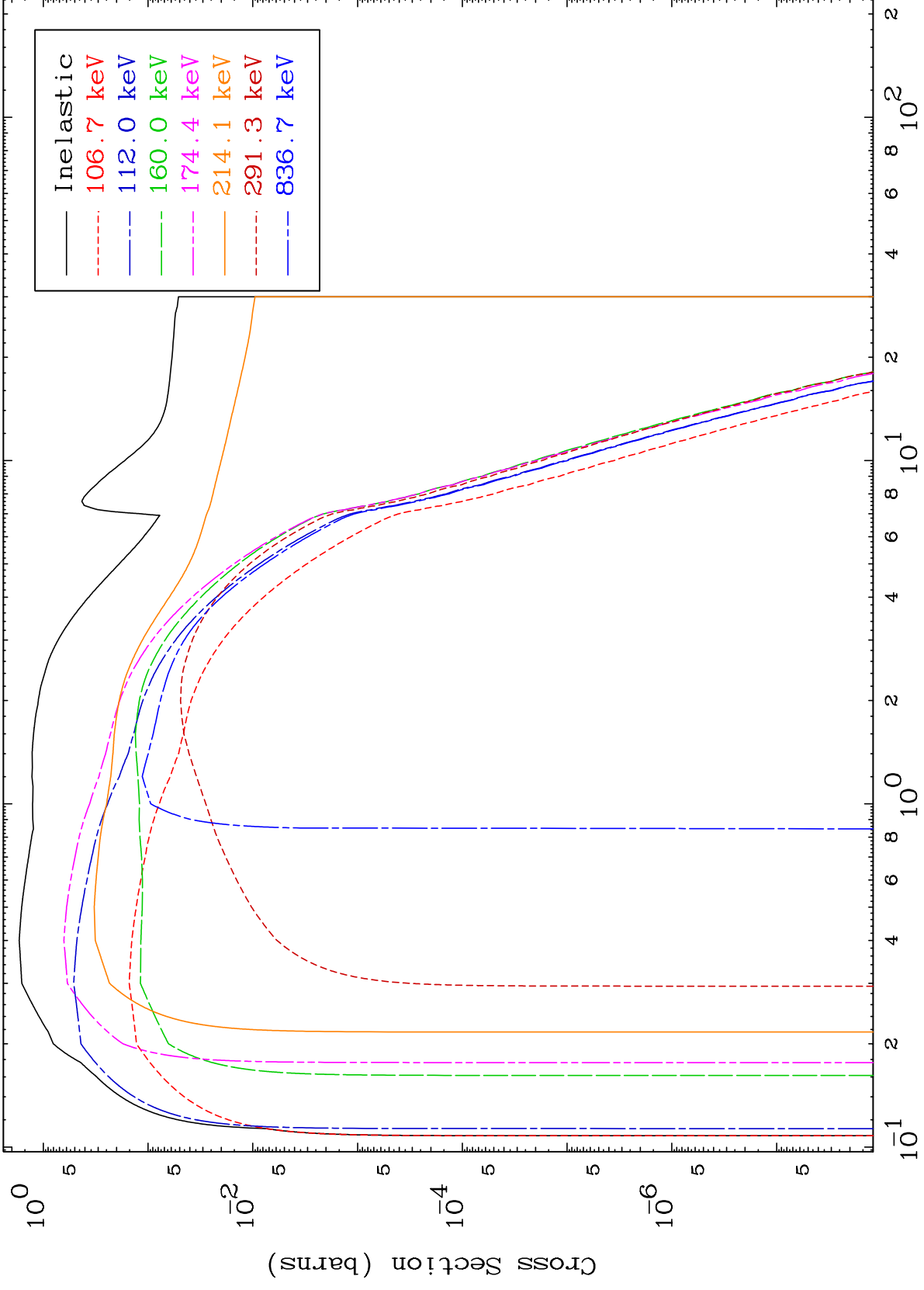


MAT 4510

(n,n') Level

45-Rh-98

293 Kelvin Cross Sections



Incident Energy (MeV)

45-Rh-98

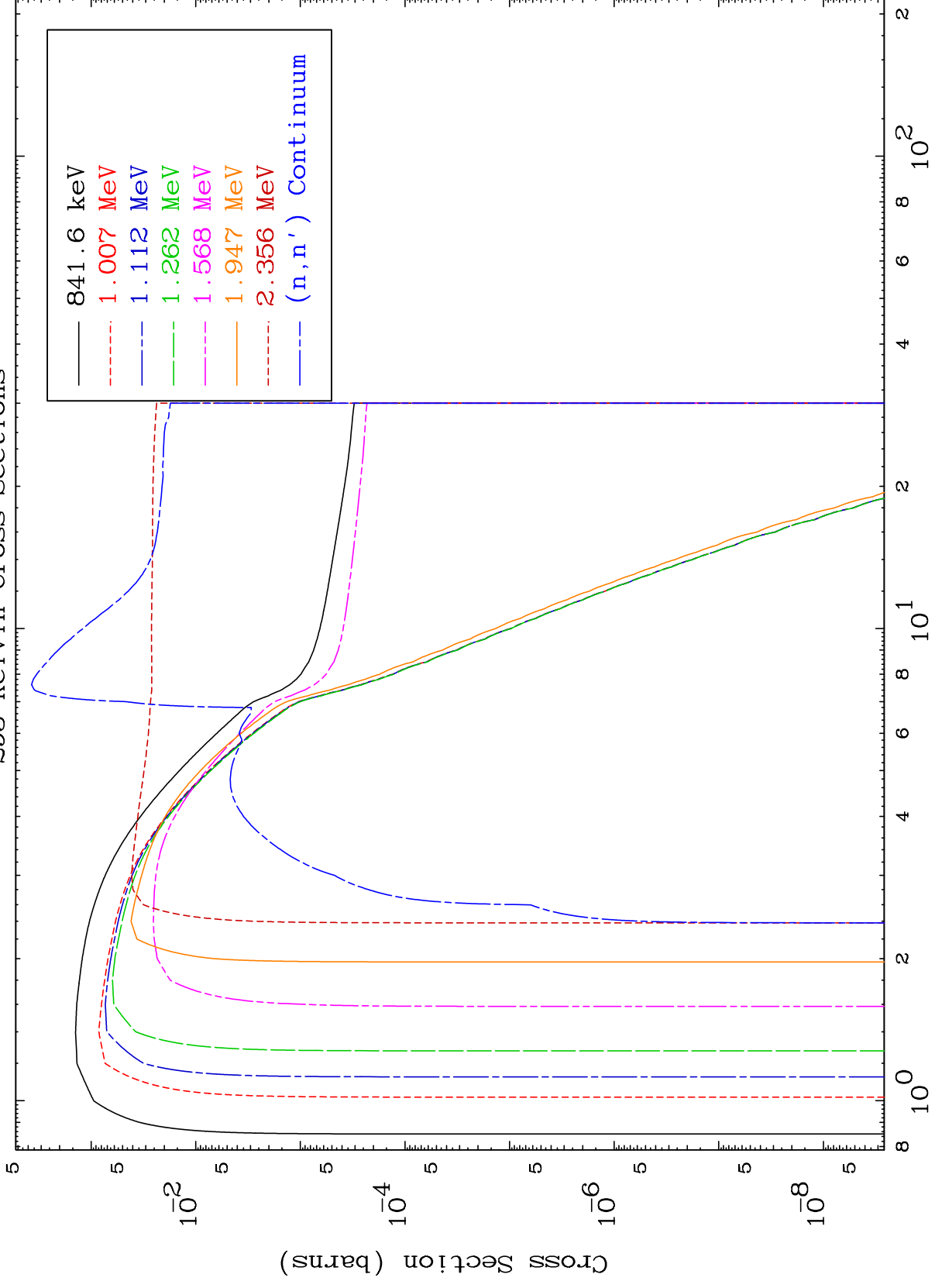
7

MAT 4510

(n,n') Level

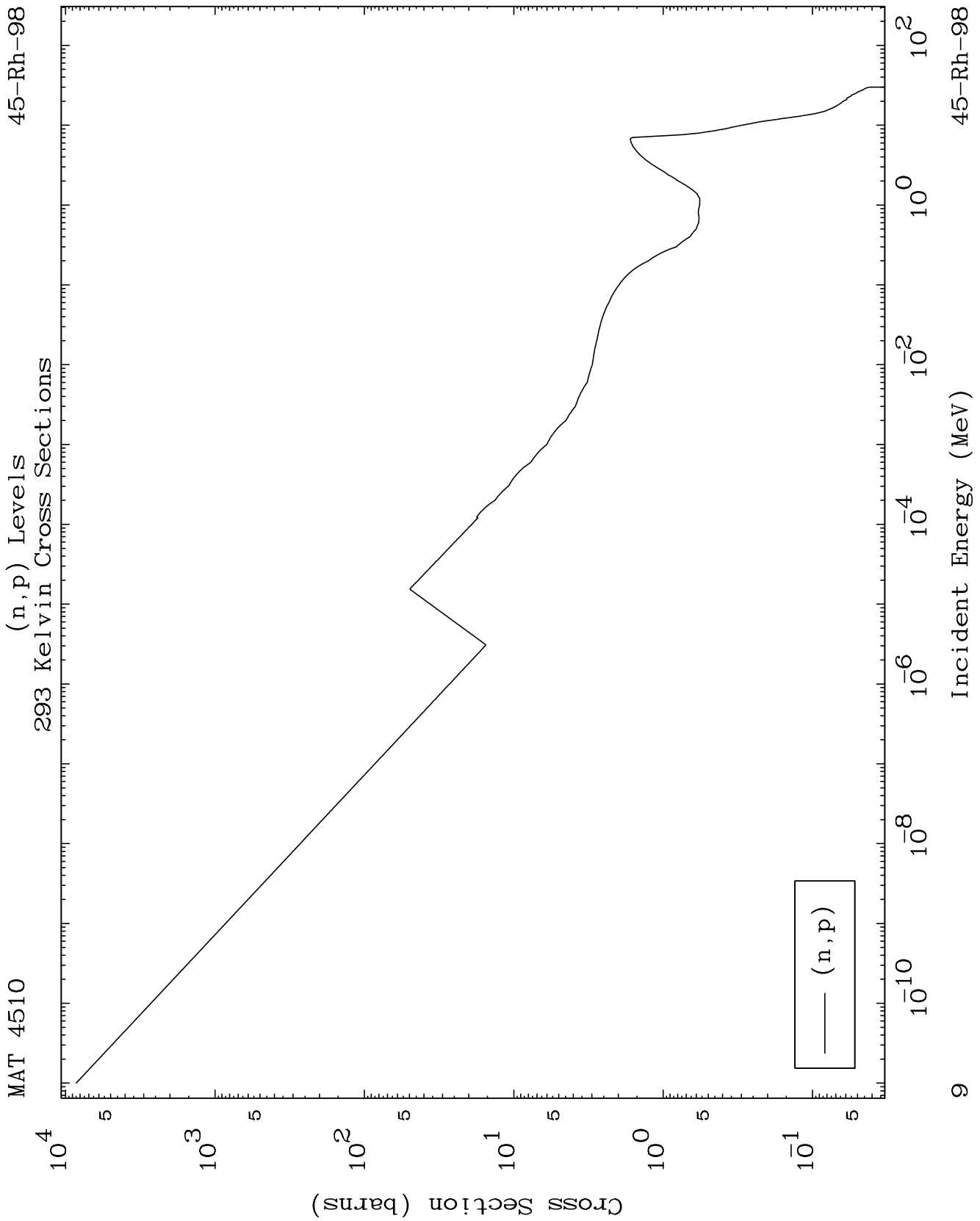
45-Rh-98

293 Kelvin Cross Sections



Incident Energy (MeV)

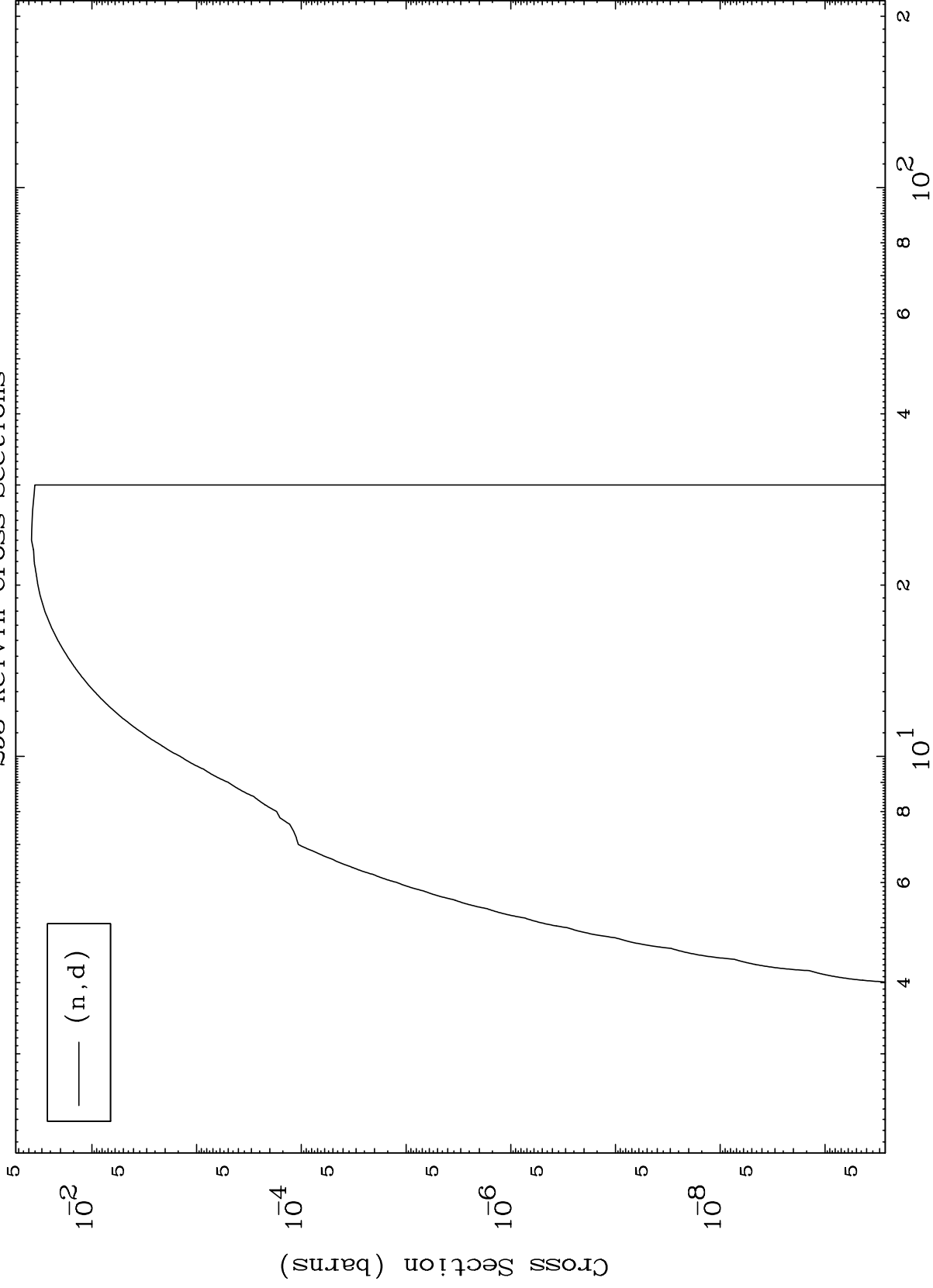
45-Rh-98



MAT 4510

(n,d) Levels
293 Kelvin Cross Sections

45-Rh-98



10

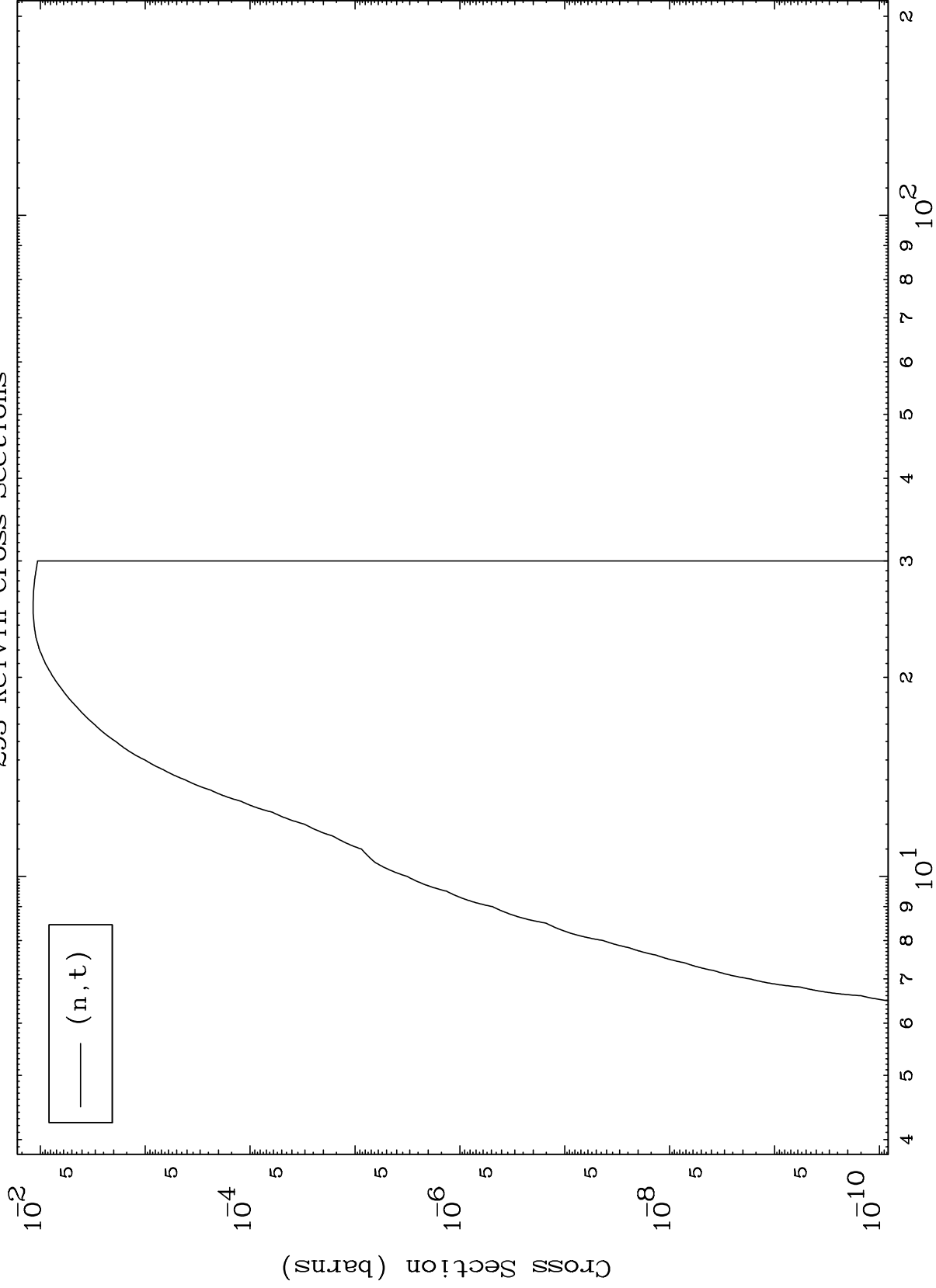
Incident Energy (MeV)

45-Rh-98

MAT 4510

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-98



11

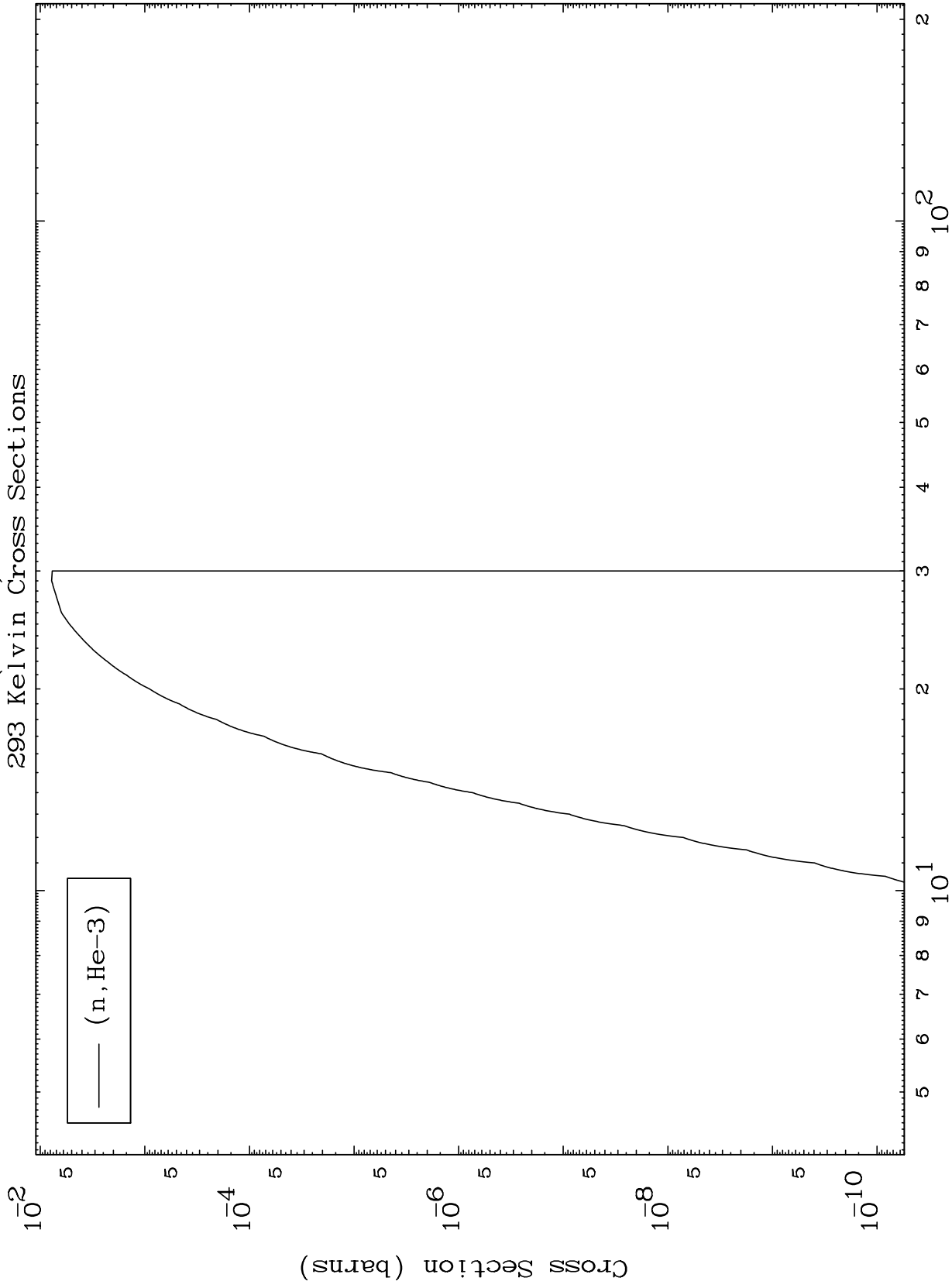
Incident Energy (MeV)

45-Rh-98

MAT 4510

(n,He3) Levels
293 Kelvin Cross Sections

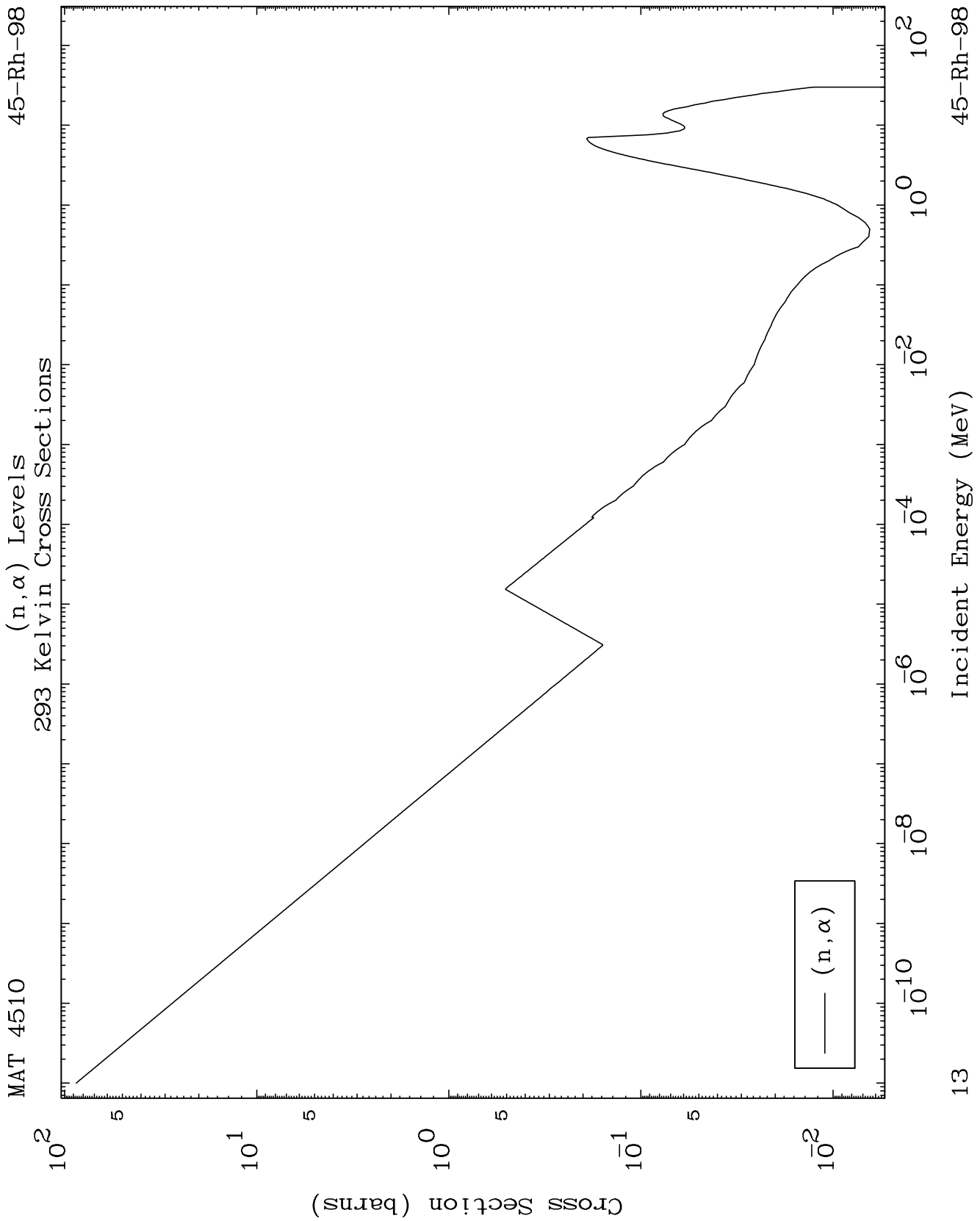
45-Rh-98

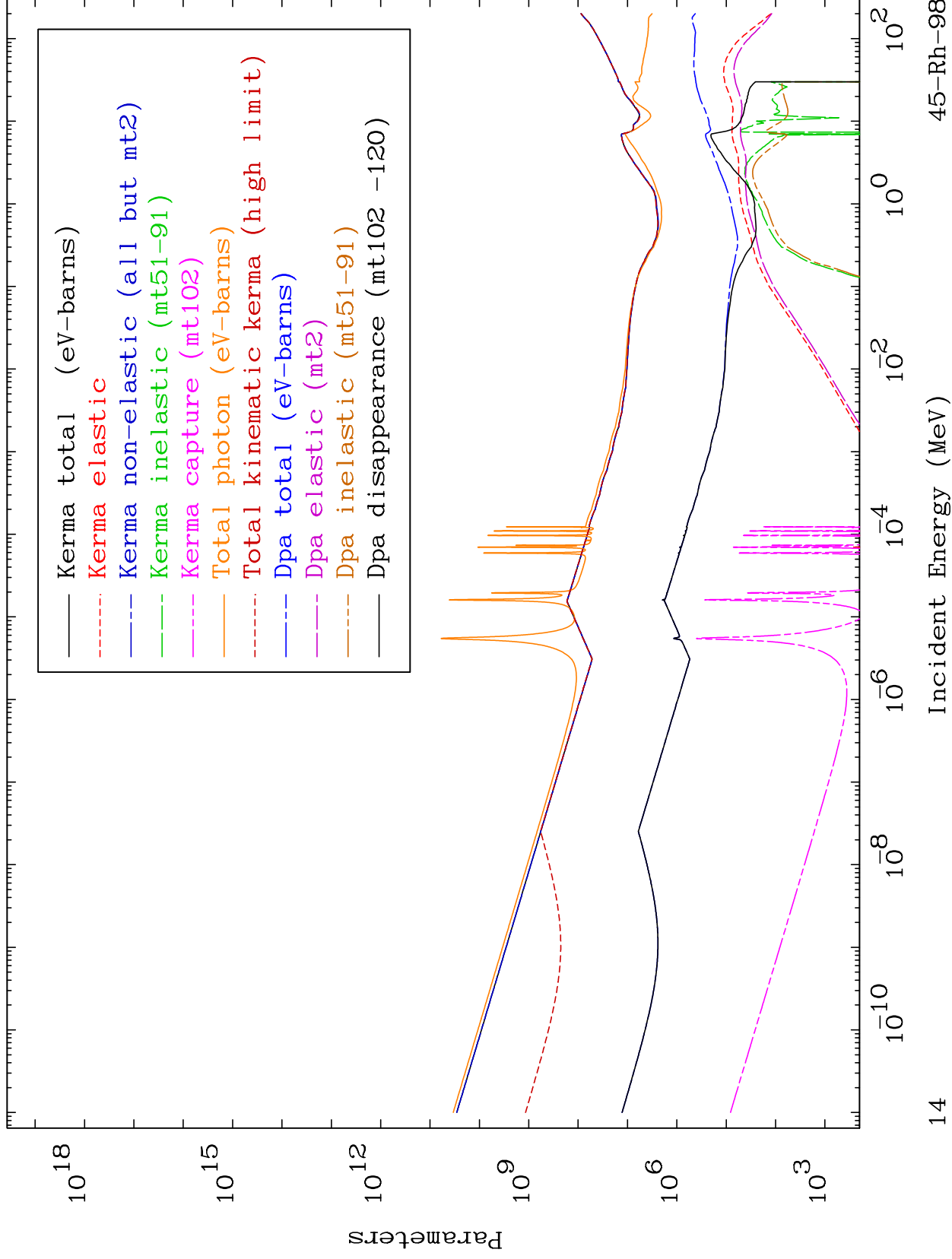


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Incident Energy (MeV)

45-Rh-98

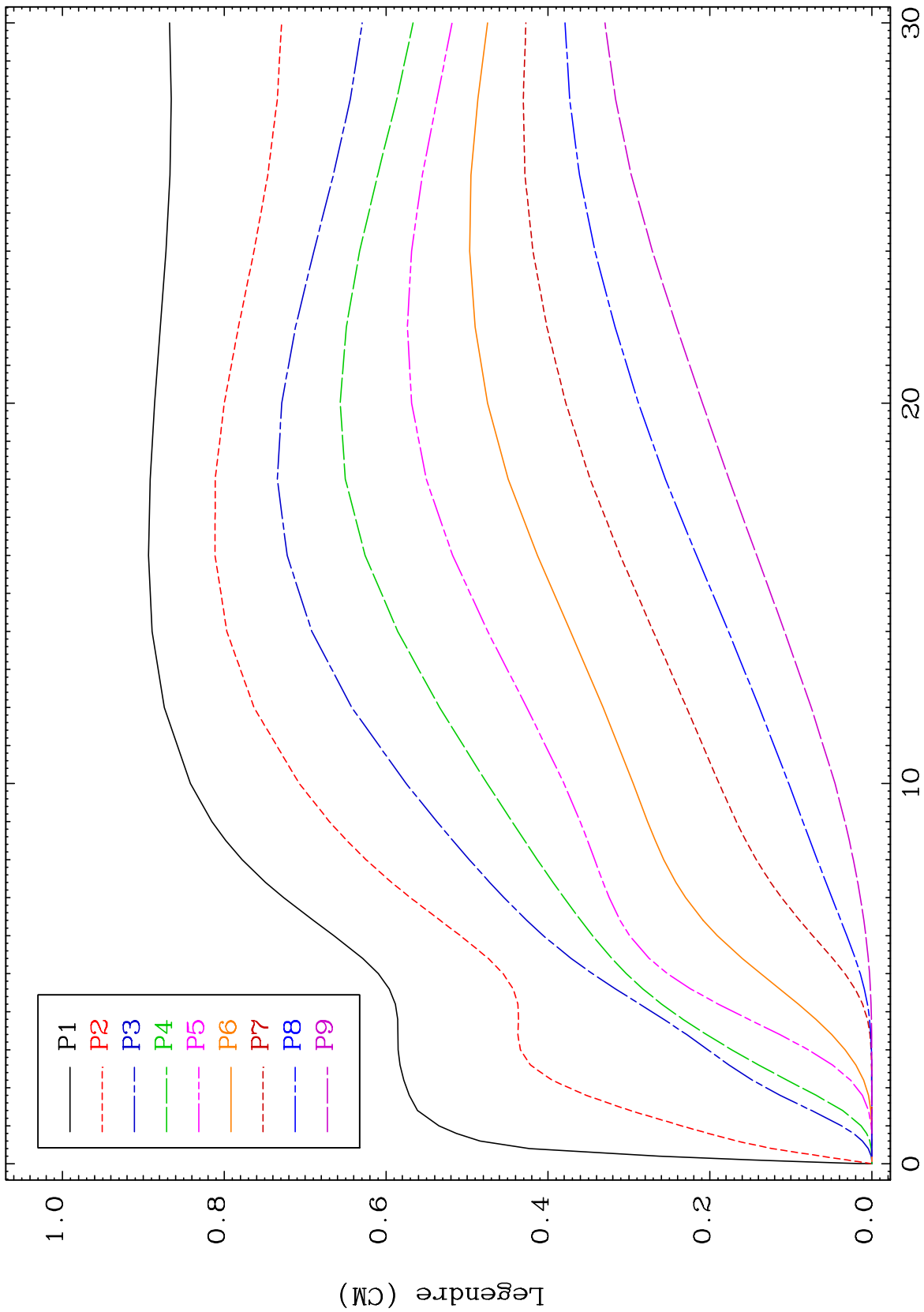




MAT 4510

Elastic Legendre Coefficients

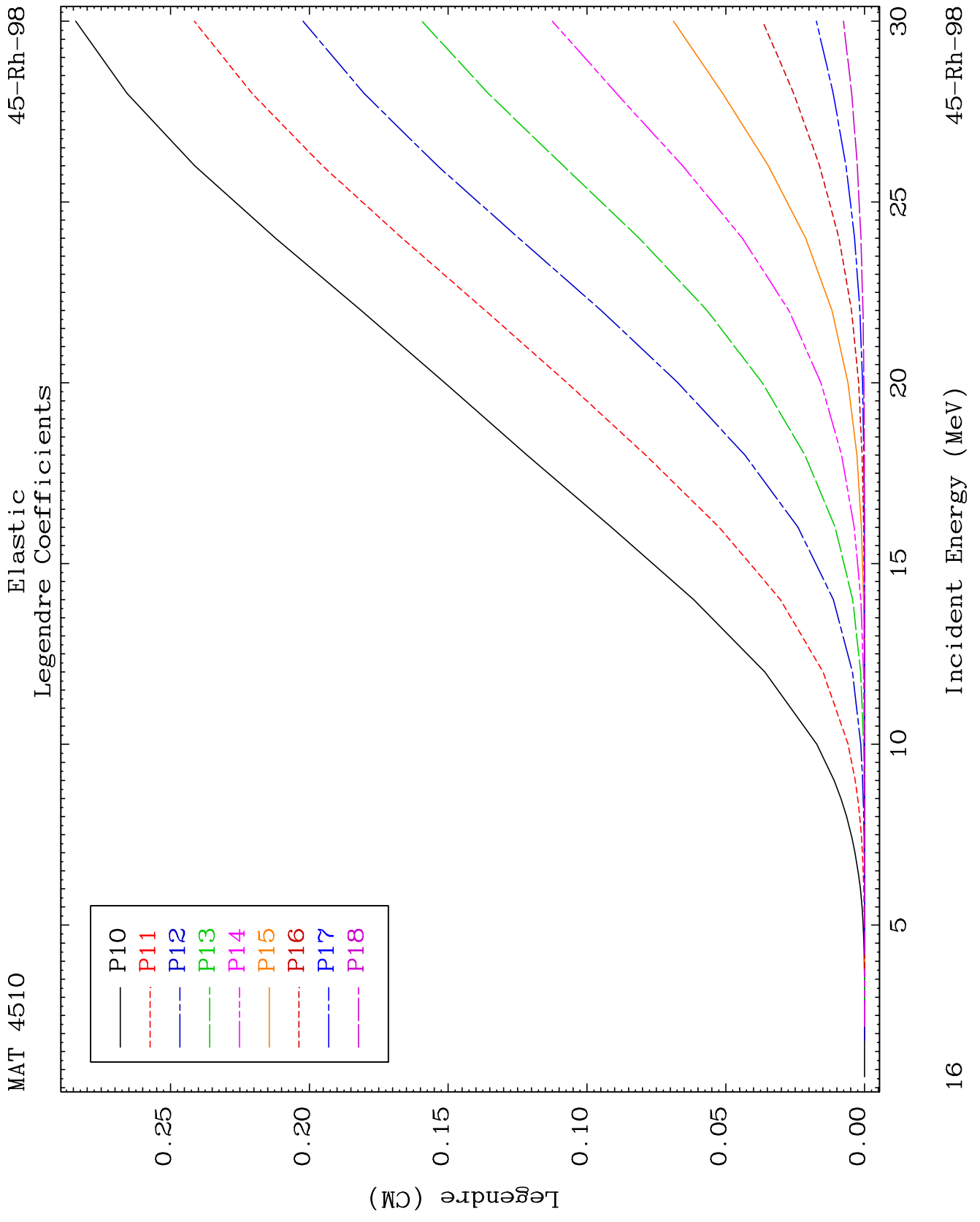
45-Rh-98



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Incident Energy (MeV)

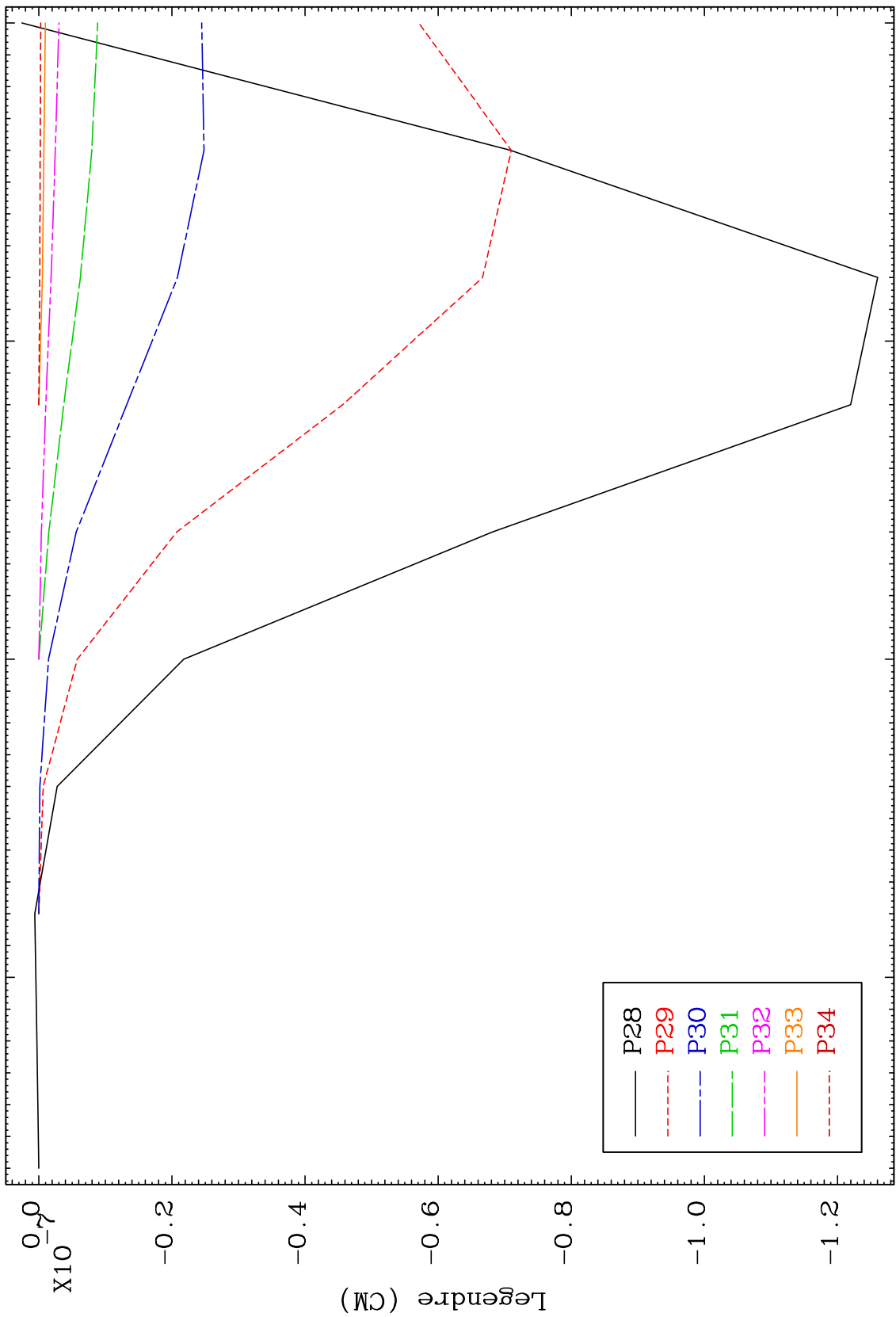
45-Rh-98



MAT 4510

45-Rh-98

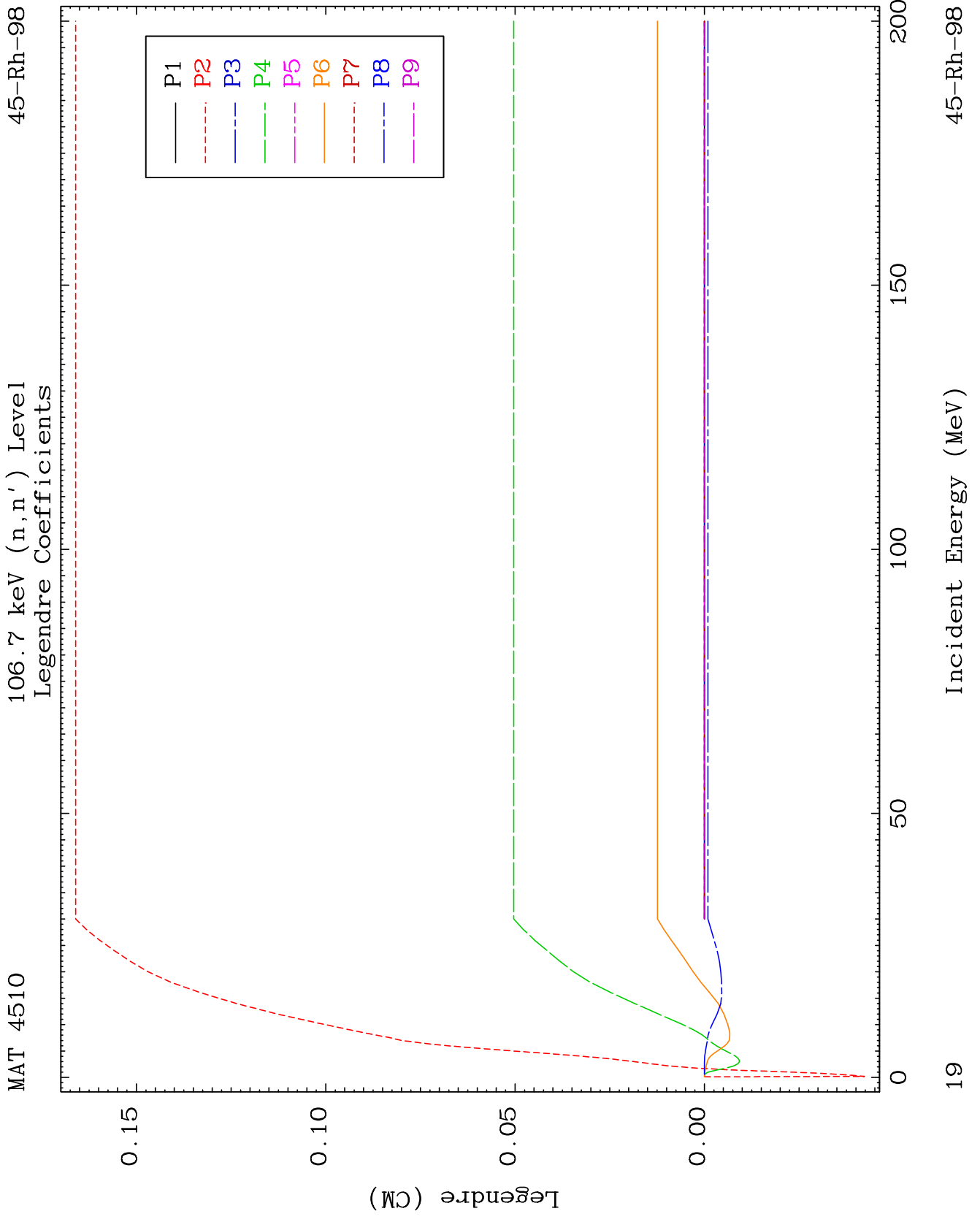
Elastic Legendre Coefficients

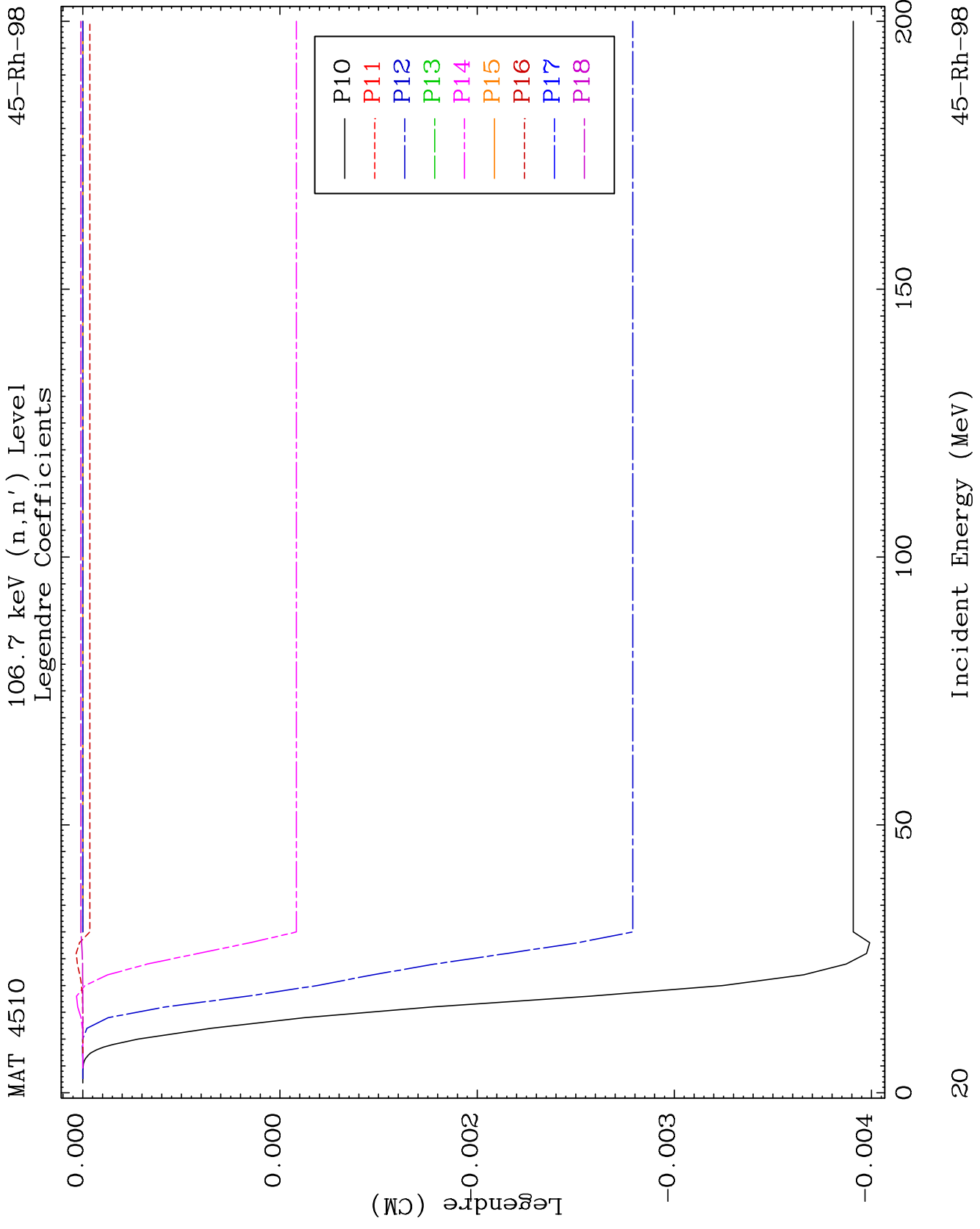


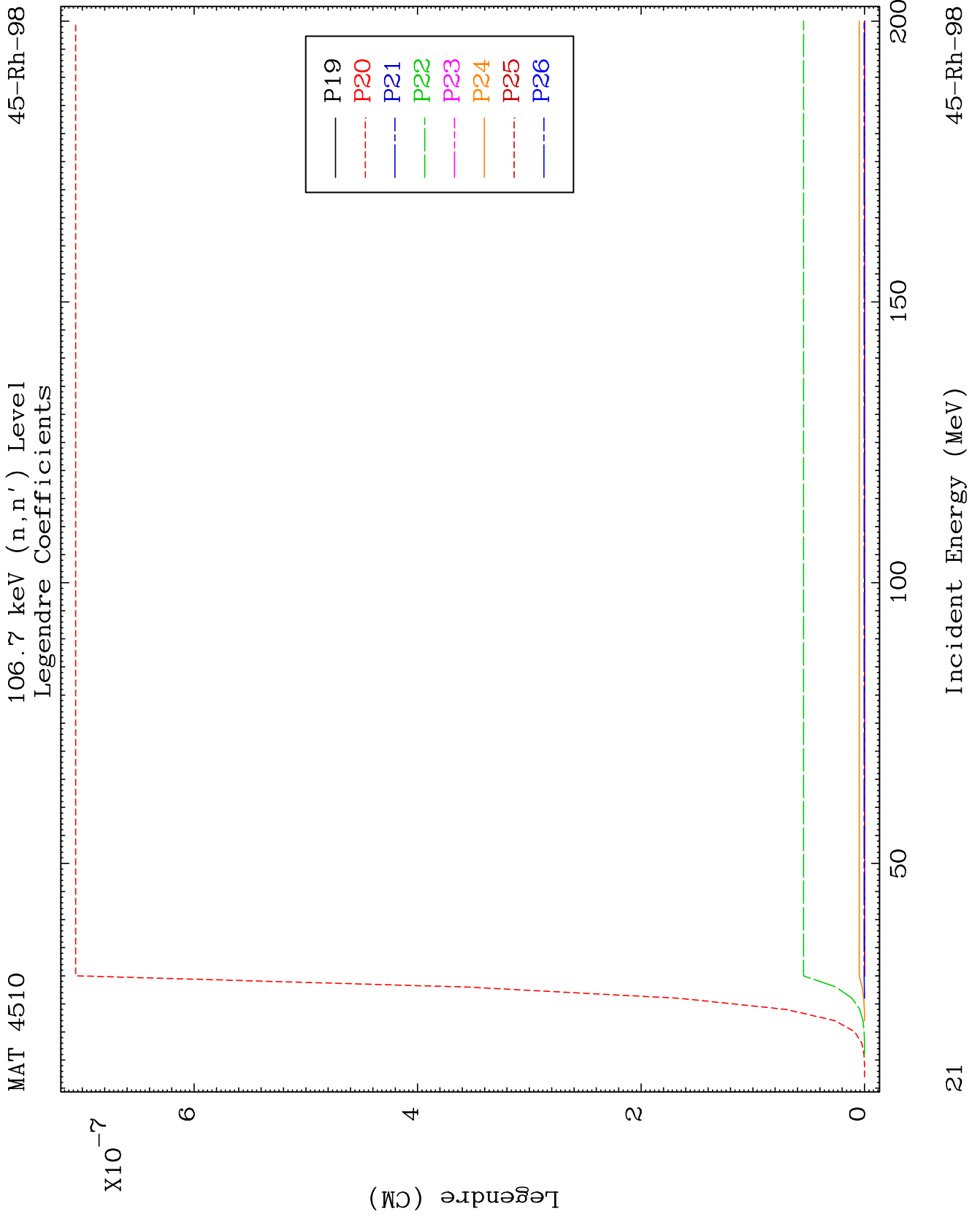
18

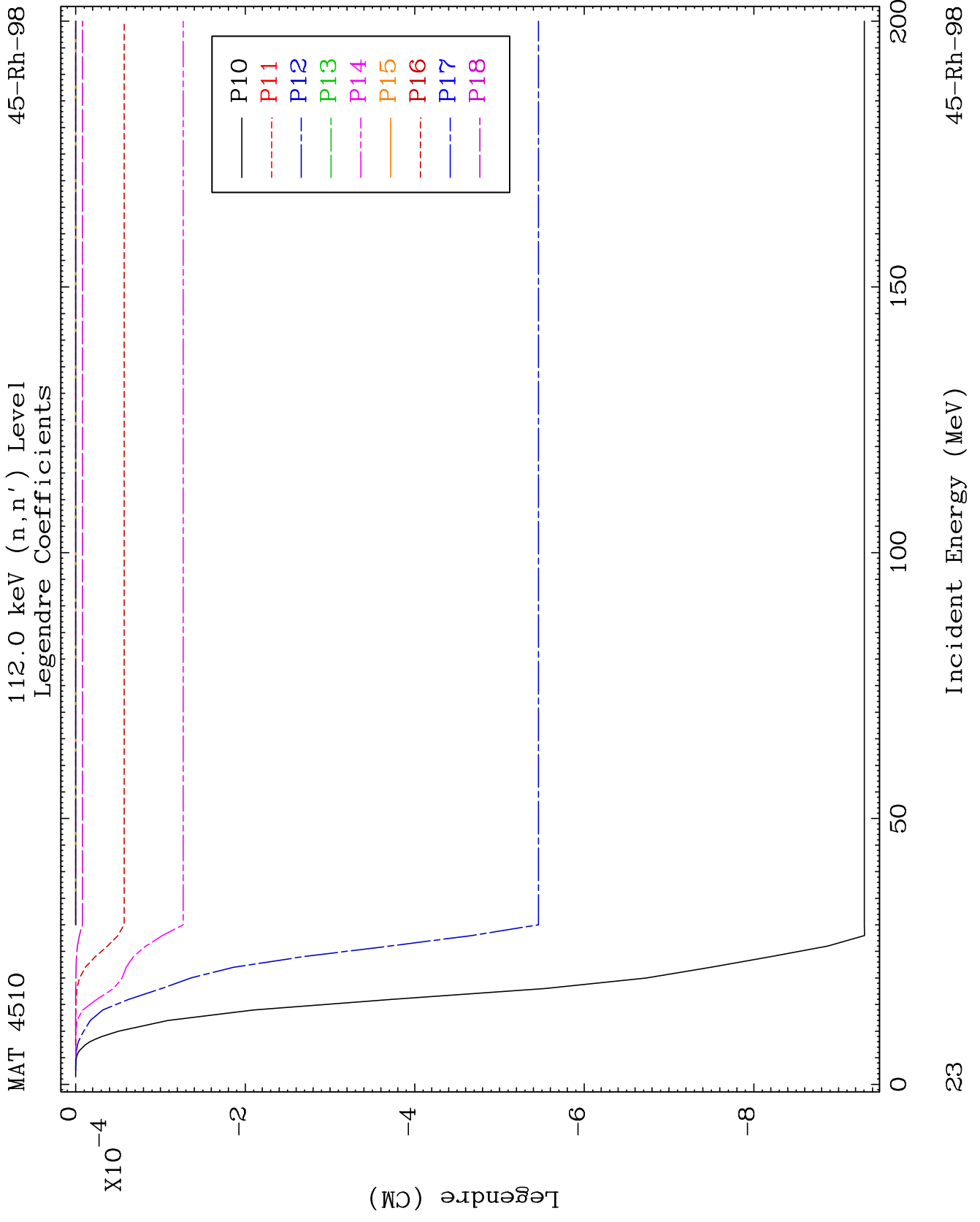
Incident Energy (MeV)

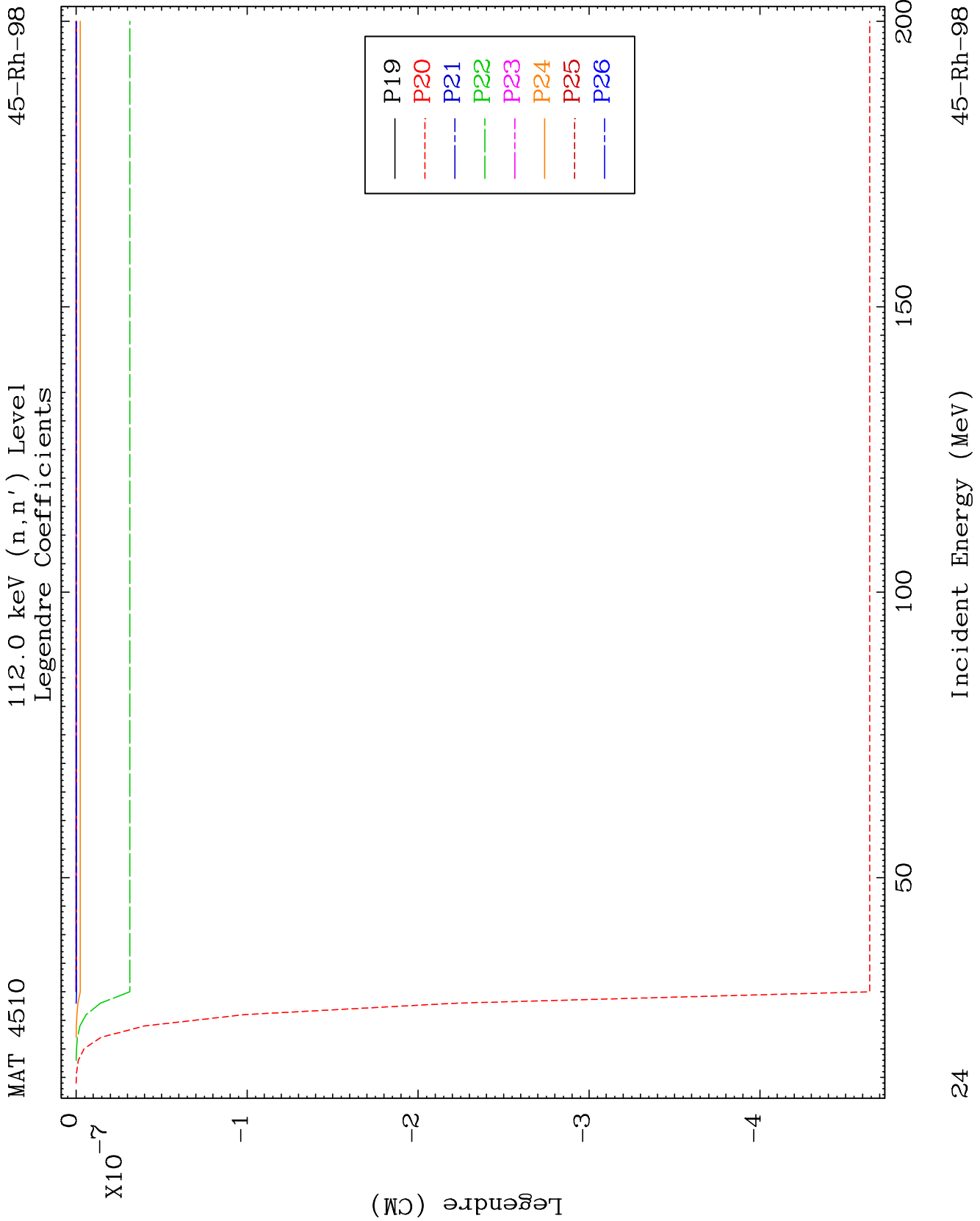
45-Rh-98

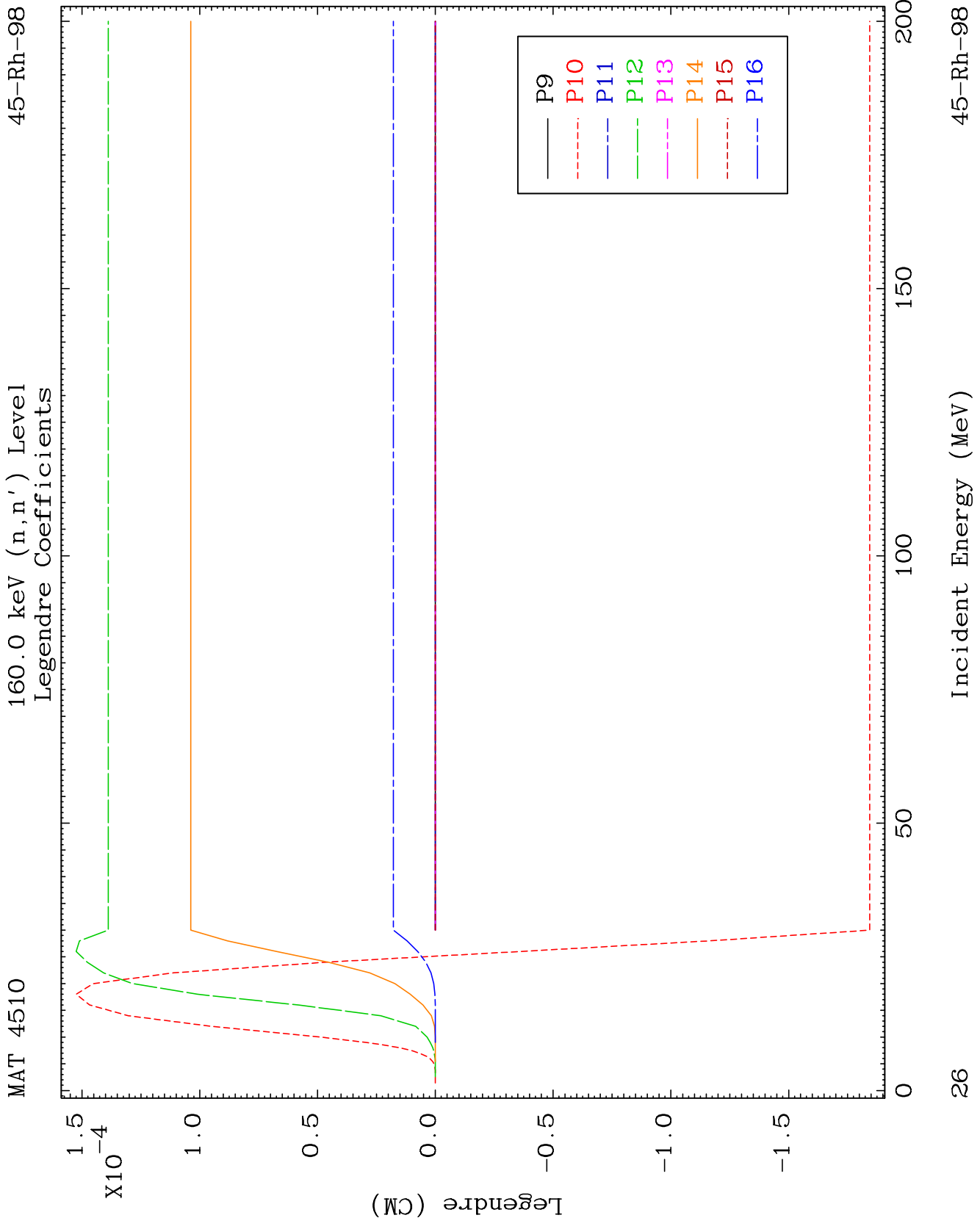








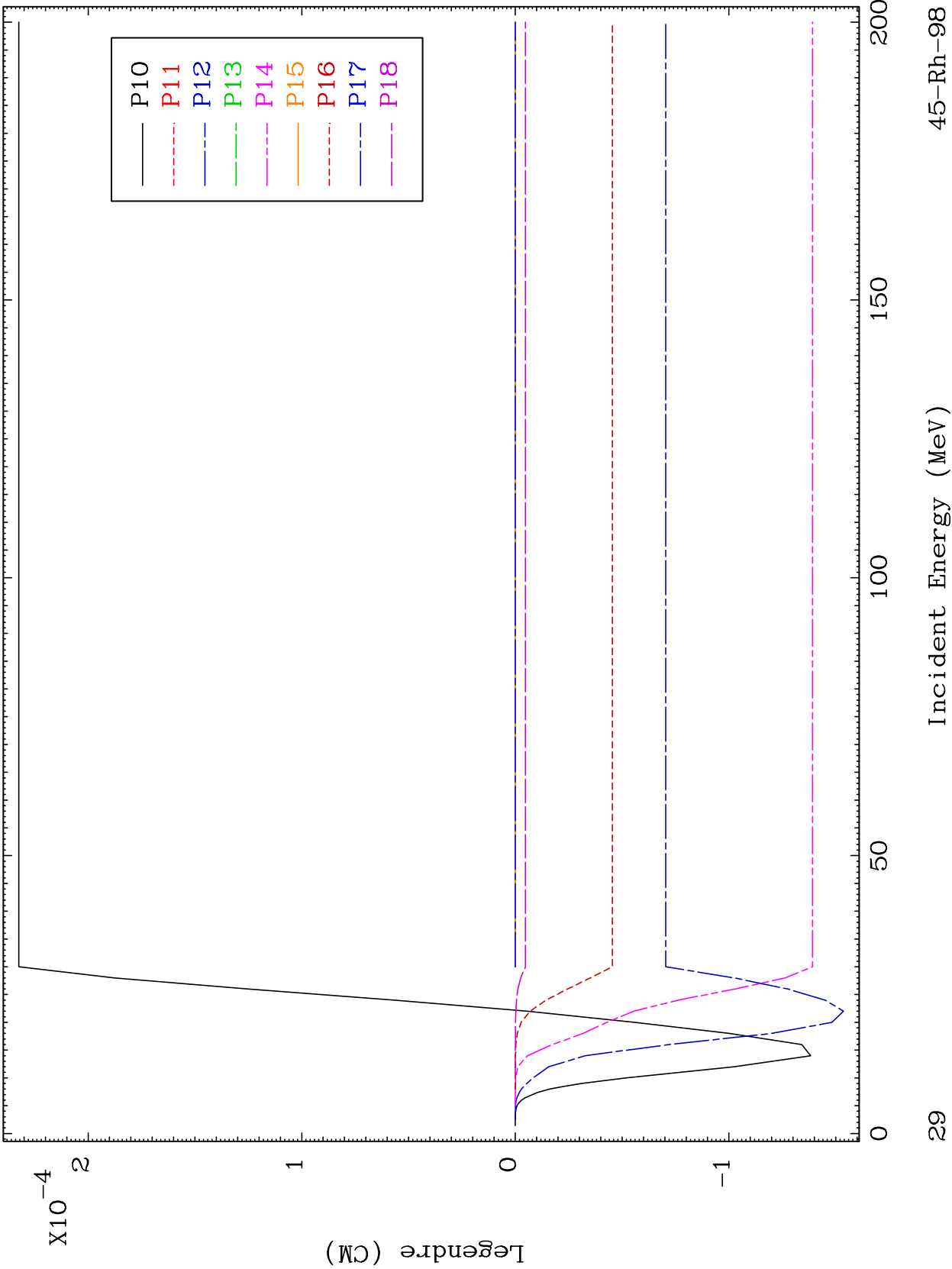




MAT 4510

174.4 keV (n,n') Level
Legendre Coefficients

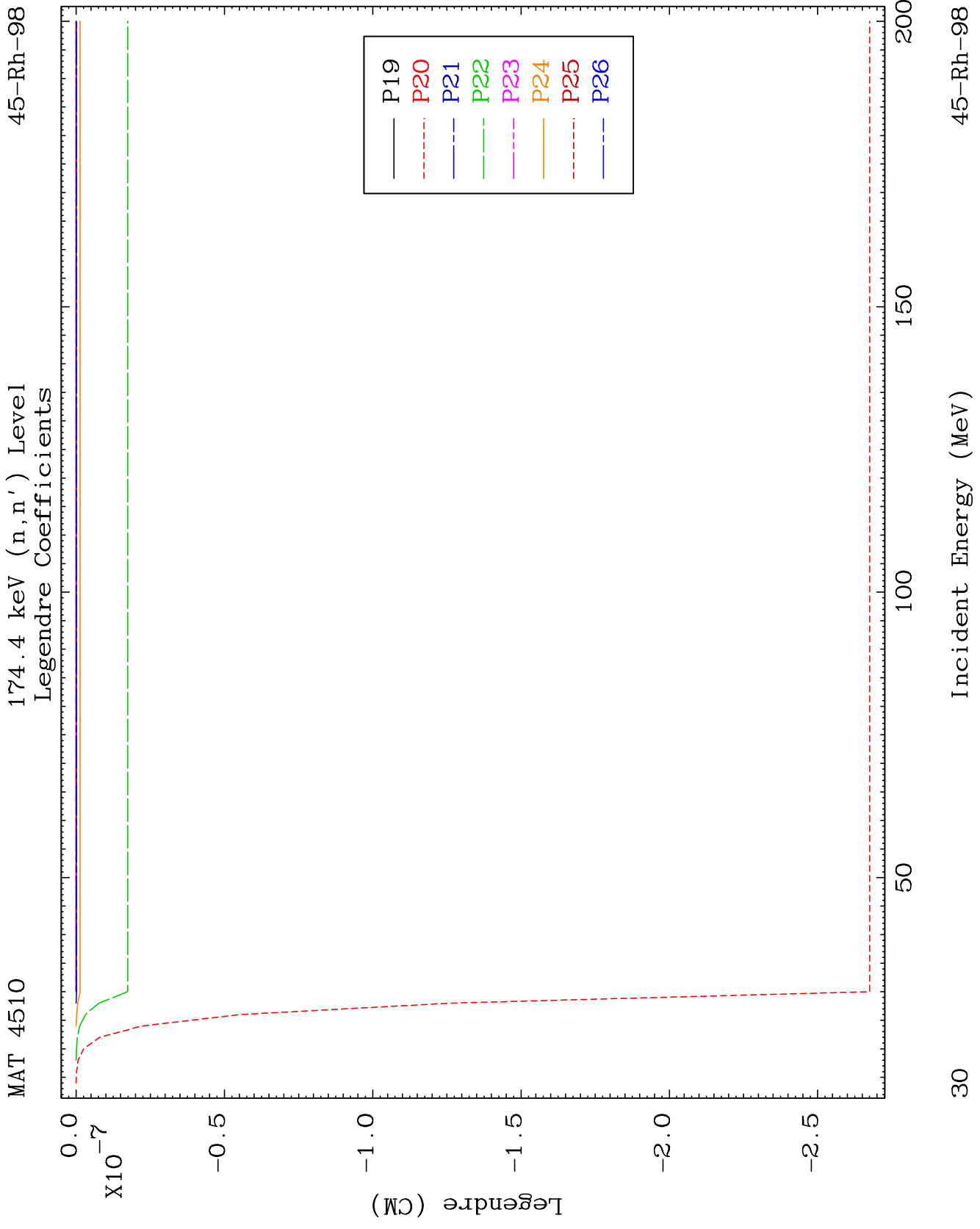
45-Rh-98



29

Incident Energy (MeV)

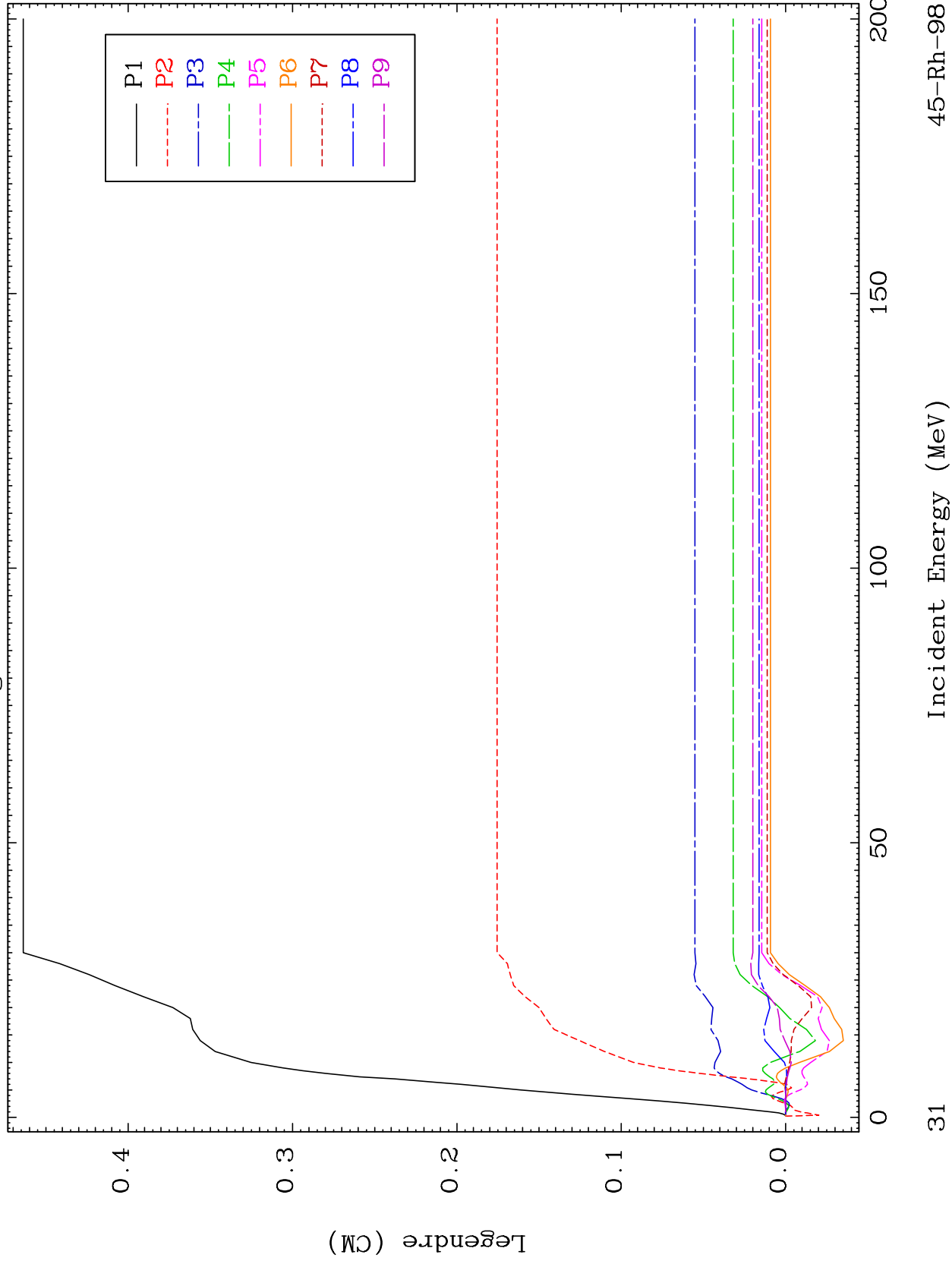
45-Rh-98



MAT 4510

214.1 keV (n,n') Level
Legendre Coefficients

45-Rh-98



31

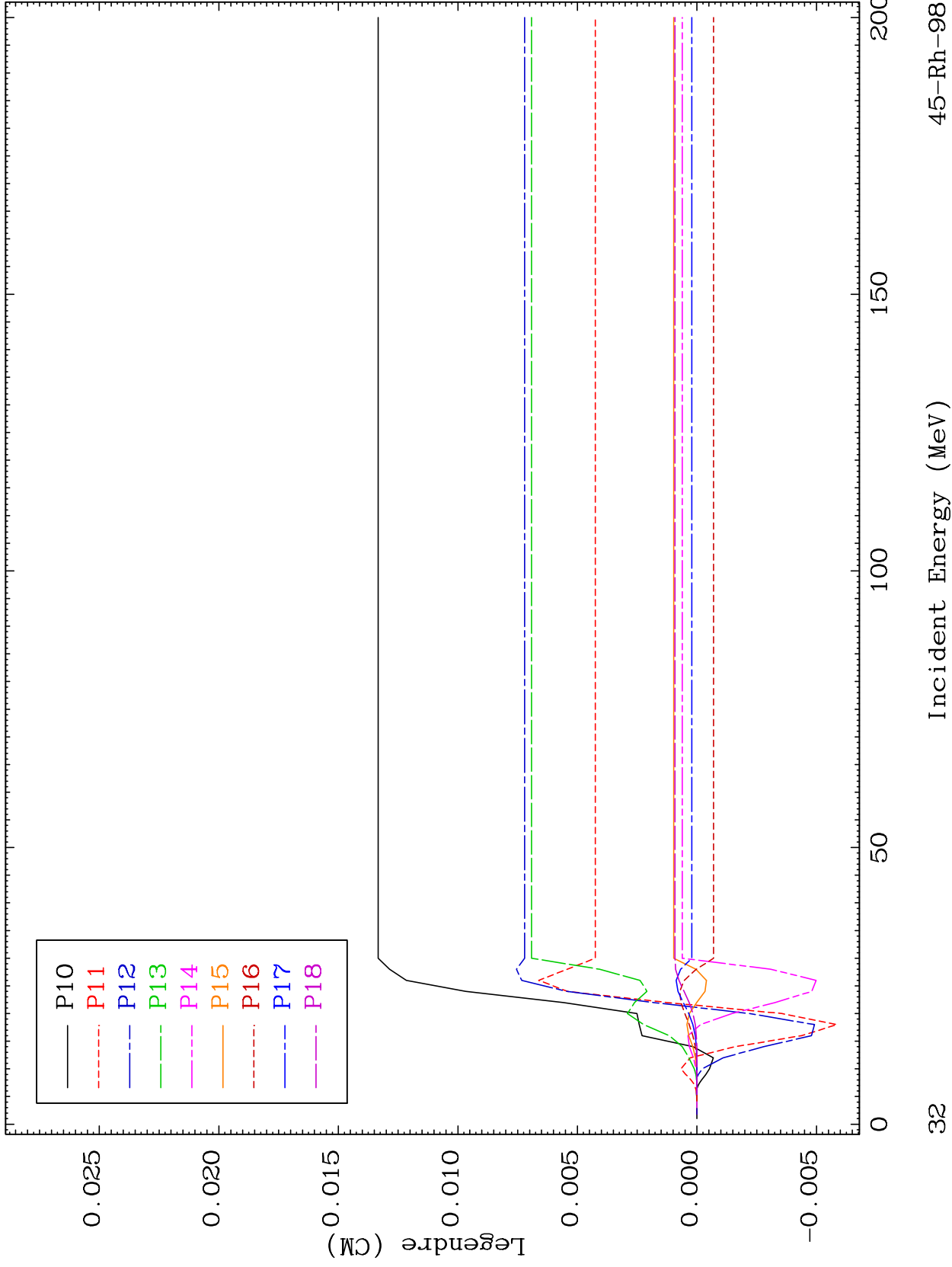
Incident Energy (MeV)

45-Rh-98

MAT 4510

214.1 keV (n,n') Level
Legendre Coefficients

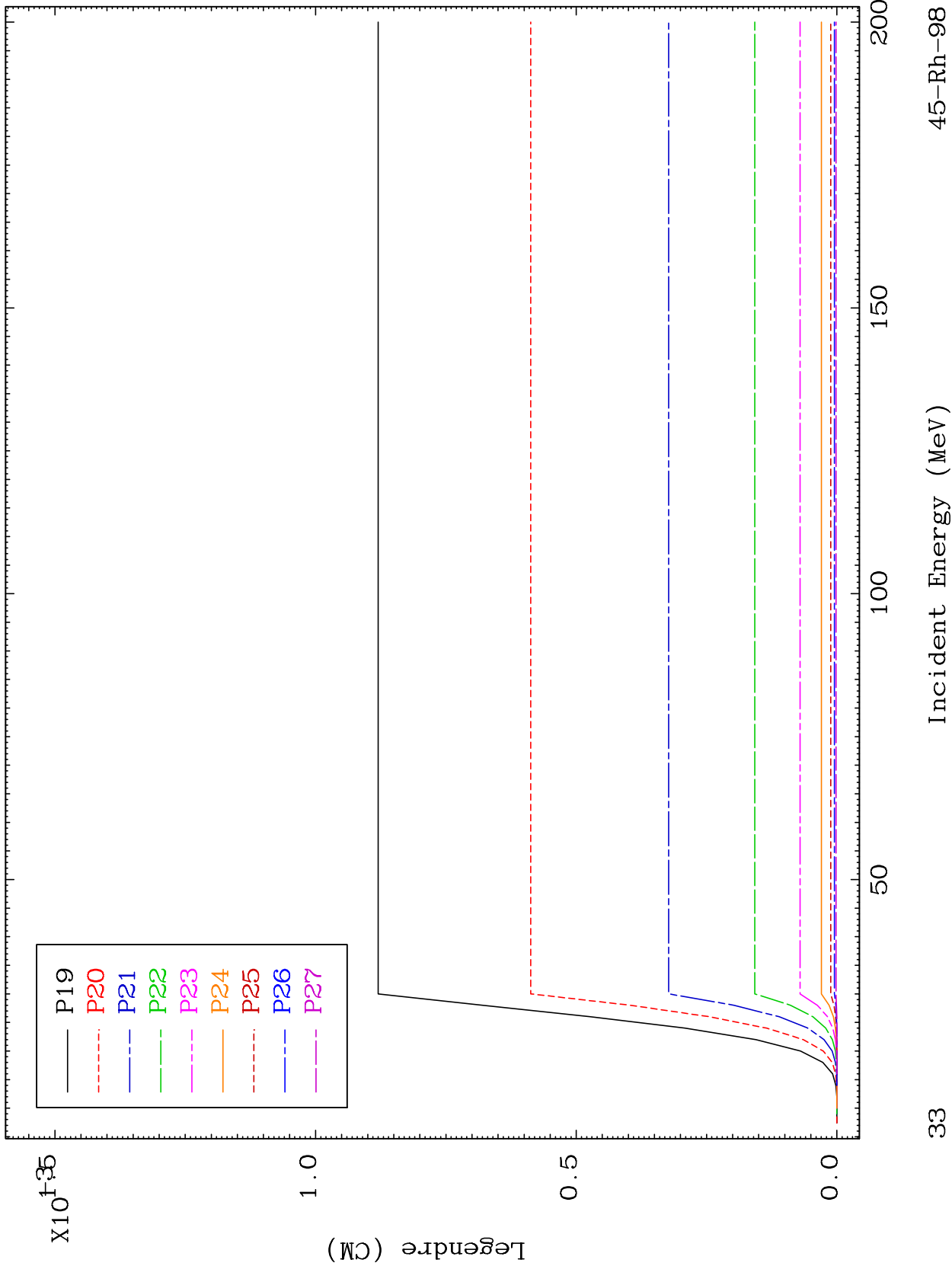
45-Rh-98

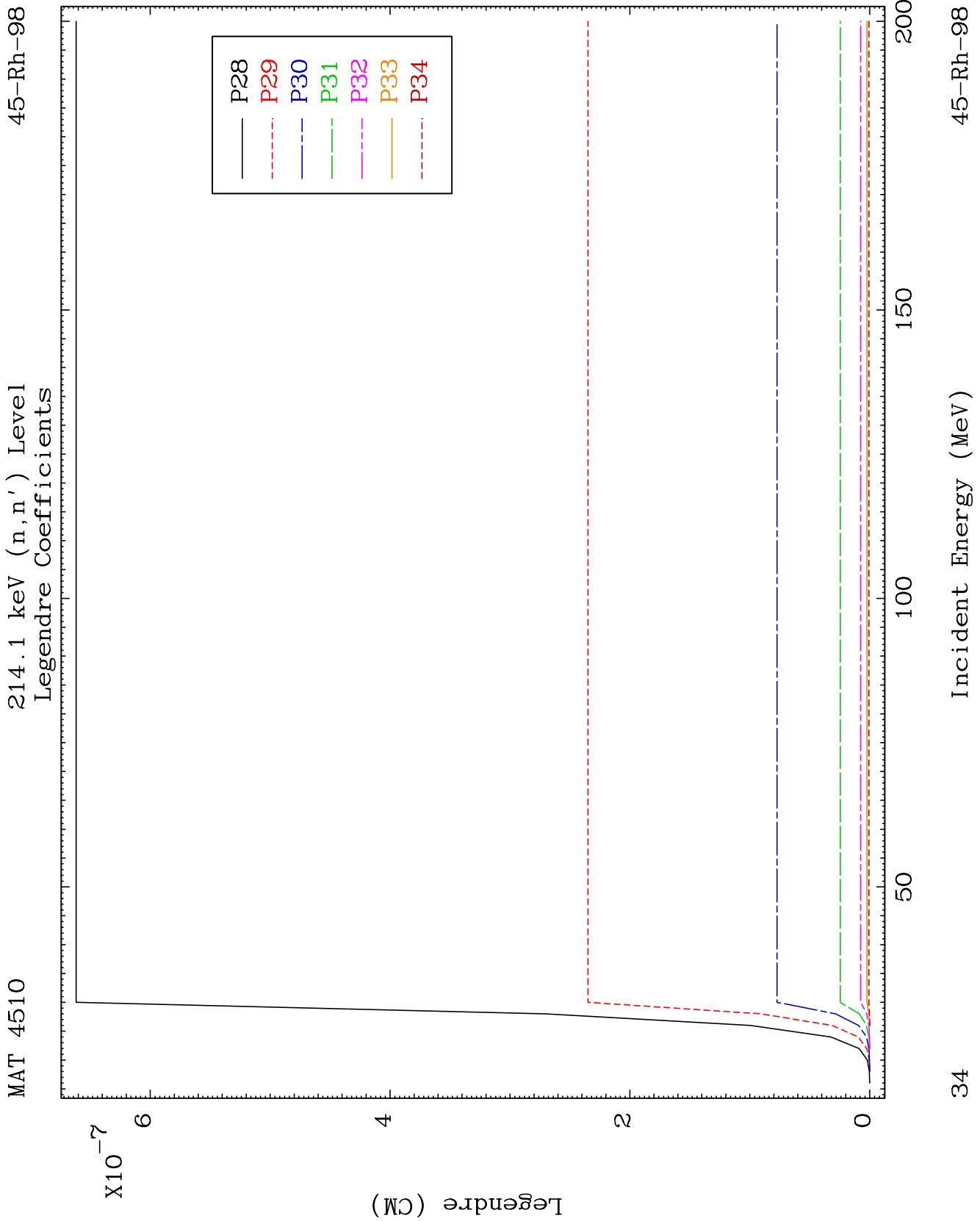


32

Incident Energy (MeV)

45-Rh-98

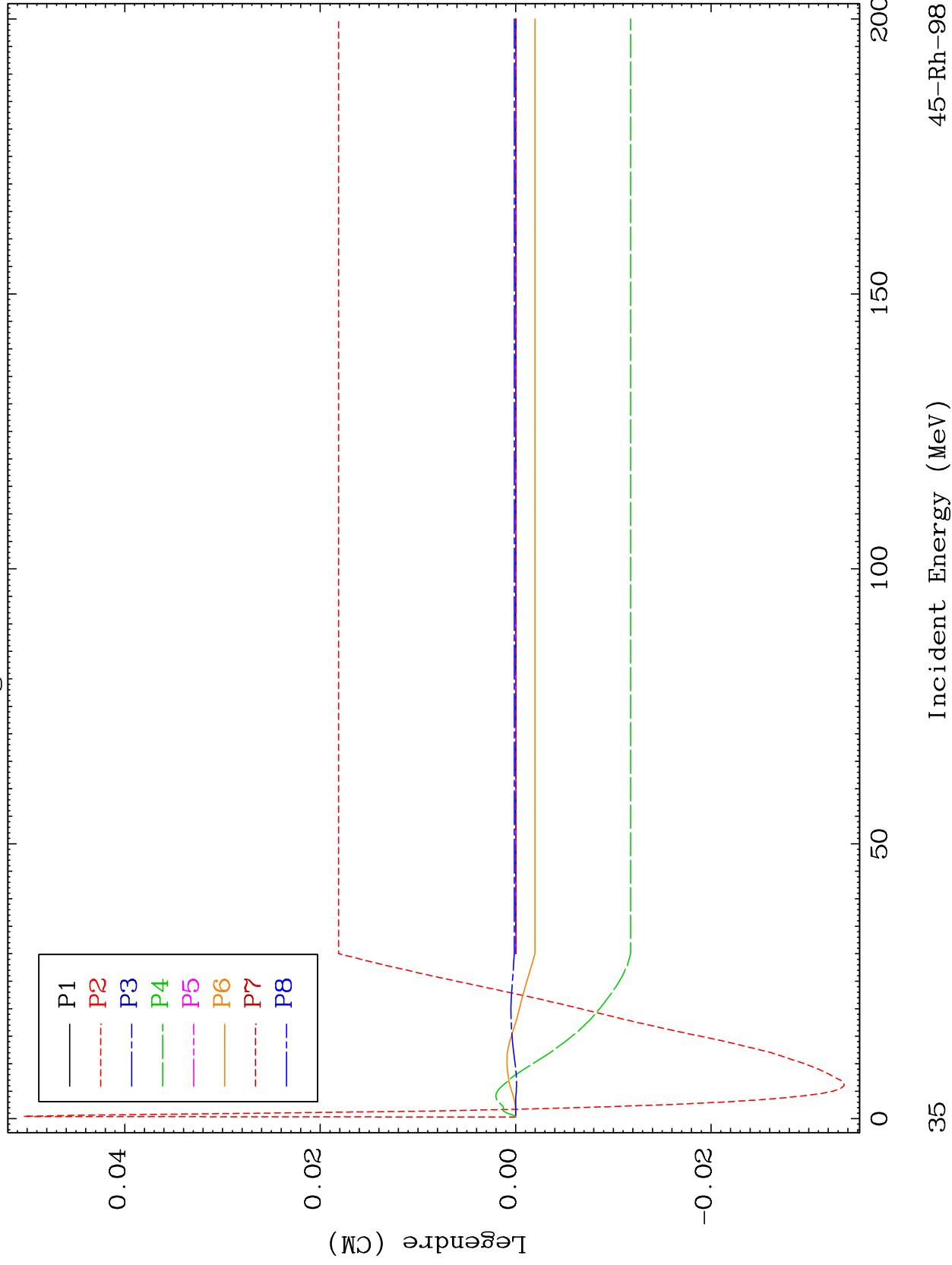




MAT 4510

291.3 keV (n,n') Level
Legendre Coefficients

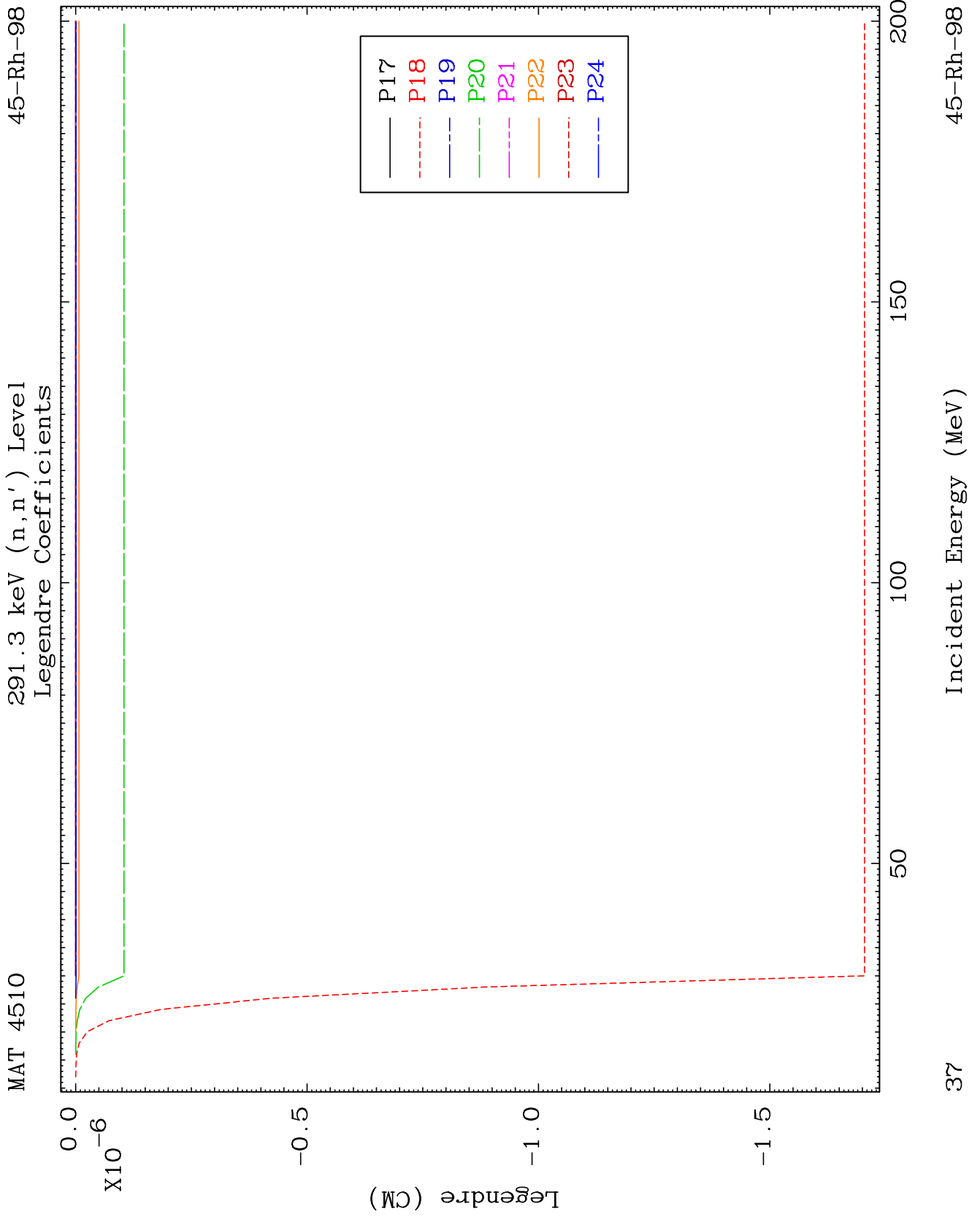
45-Rh-98



45-Rh-98

Incident Energy (MeV)

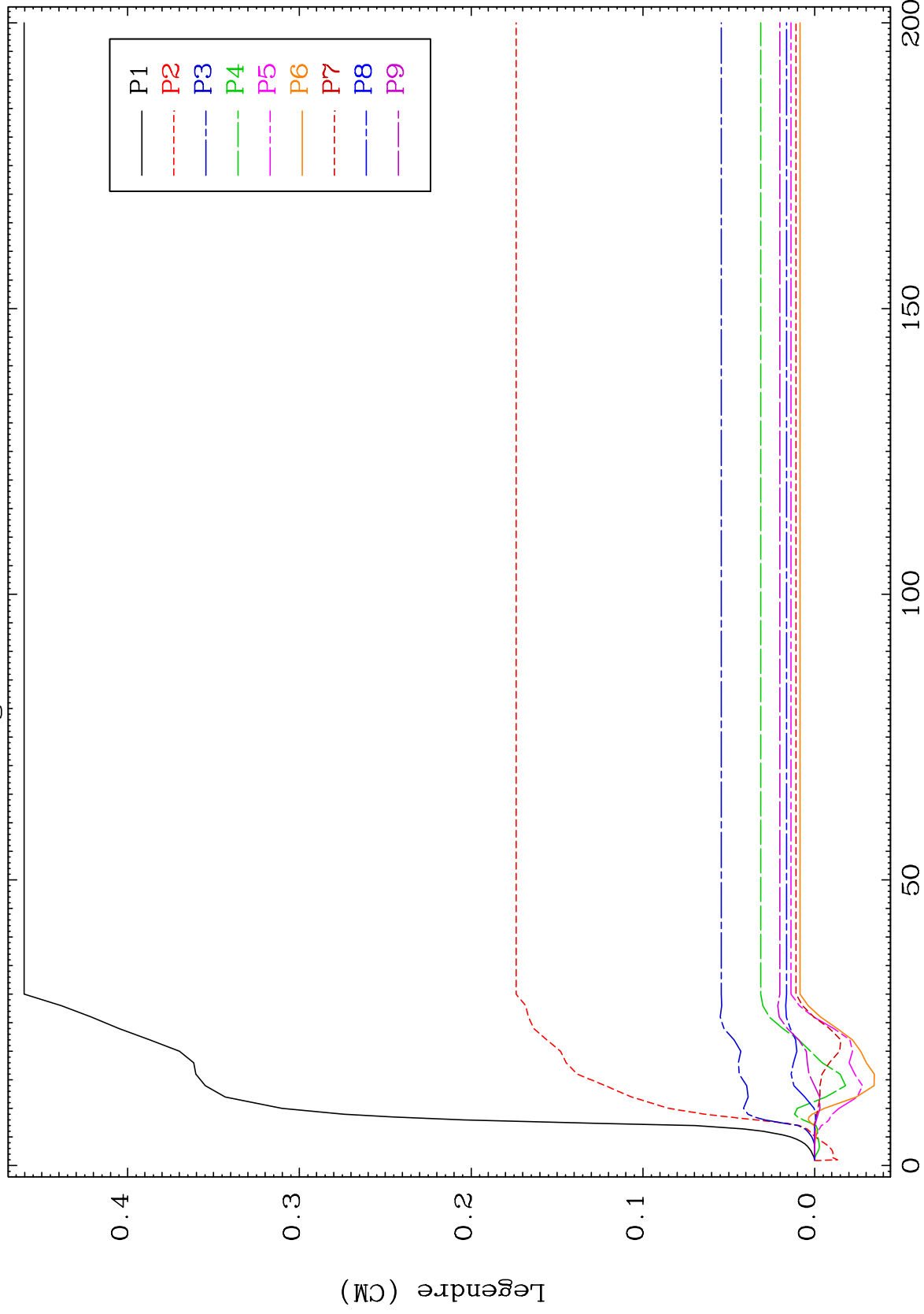
35



MAT 4510

841.6 keV (n,n') Level
Legendre Coefficients

45-Rh-98



41

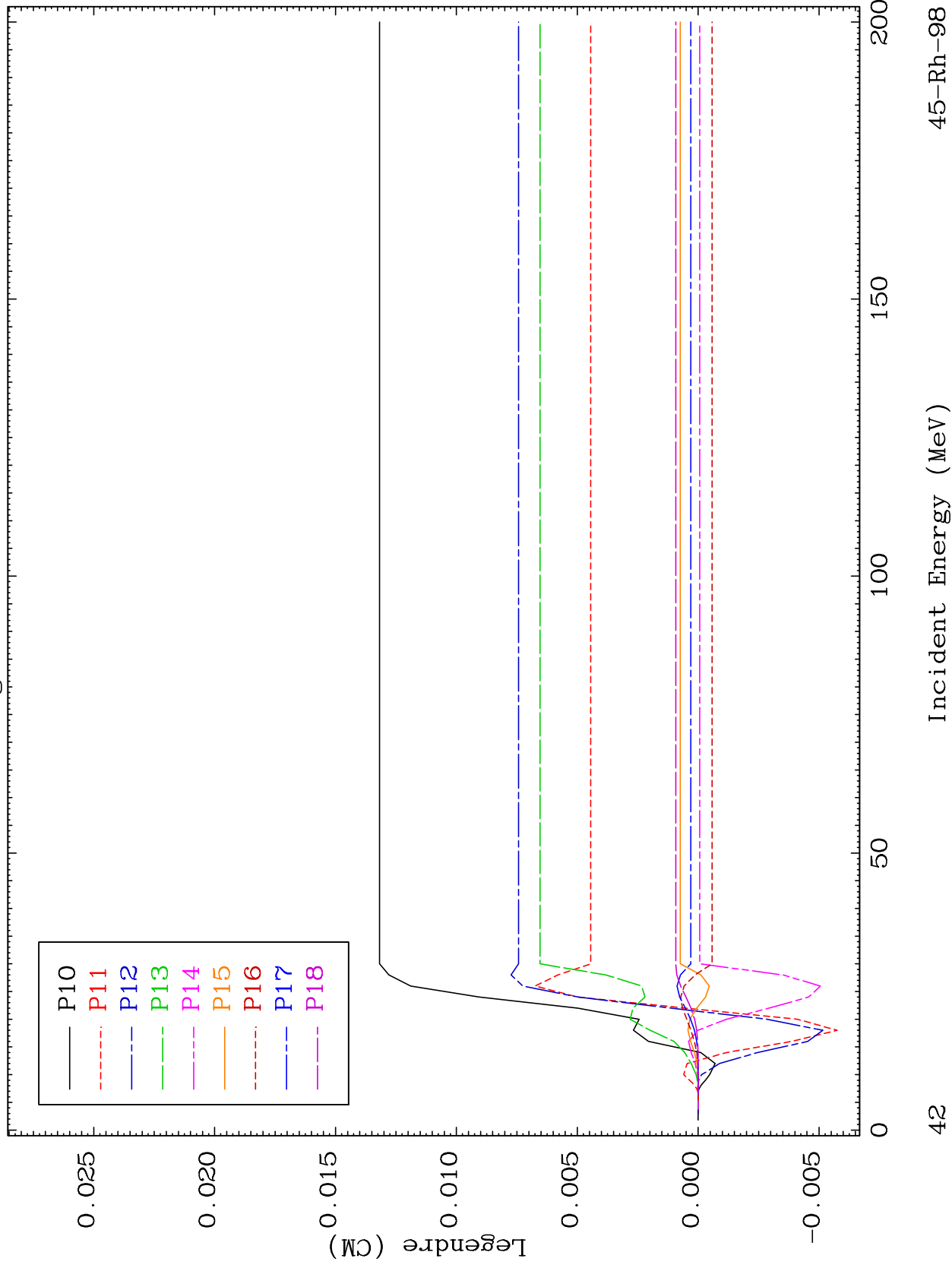
Incident Energy (MeV)

45-Rh-98

MAT 4510

841.6 keV (n,n') Level
Legendre Coefficients

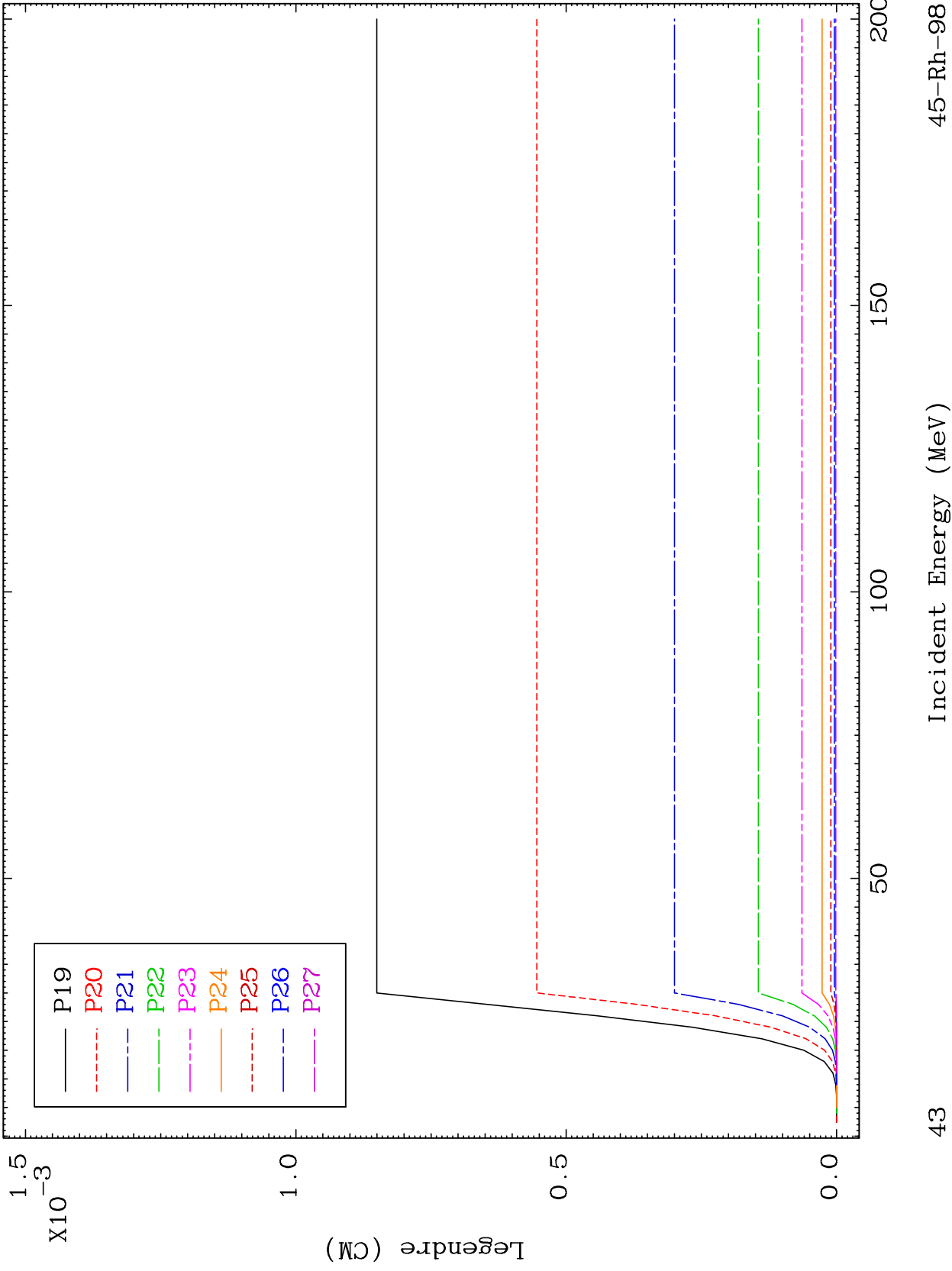
45-Rh-98

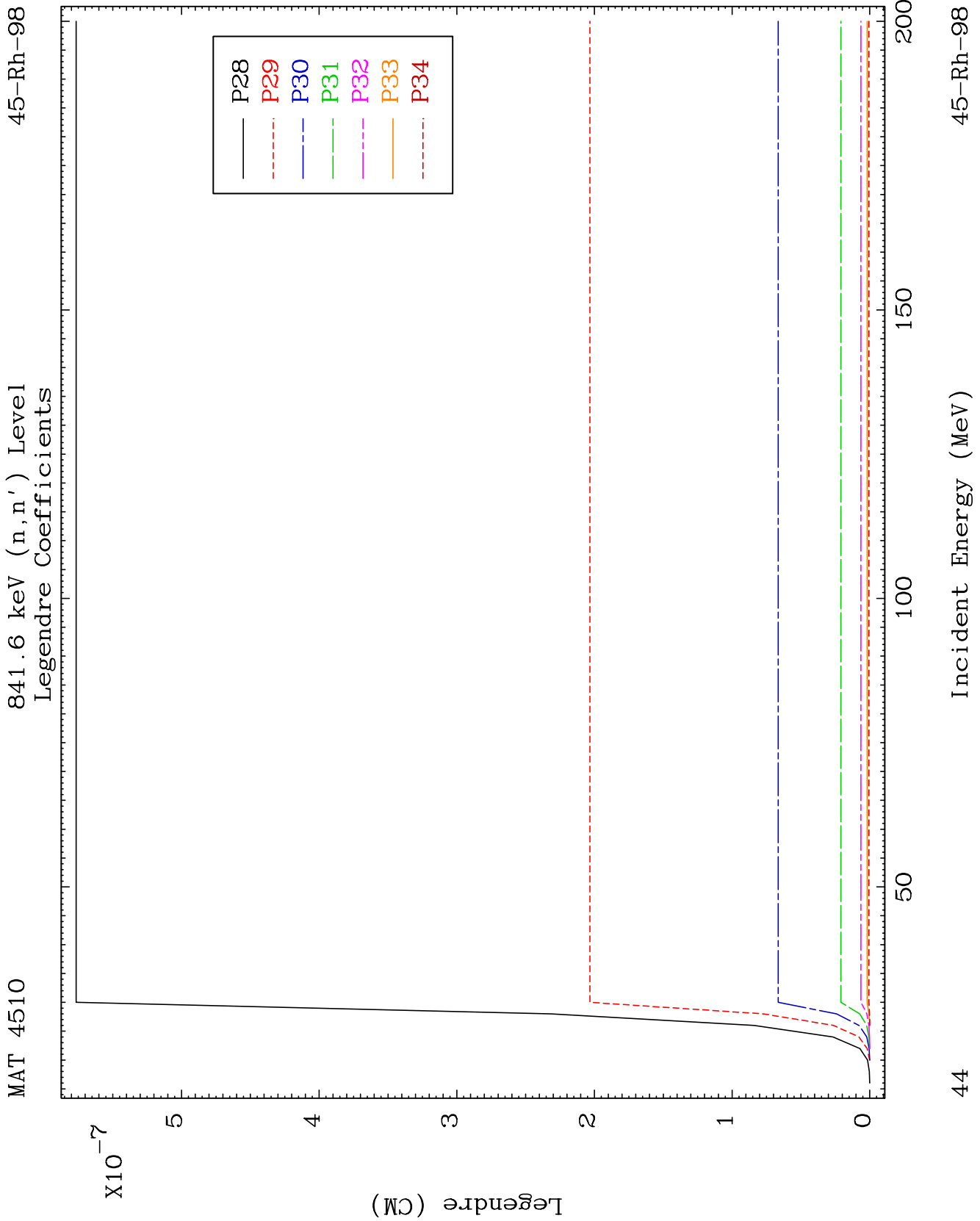


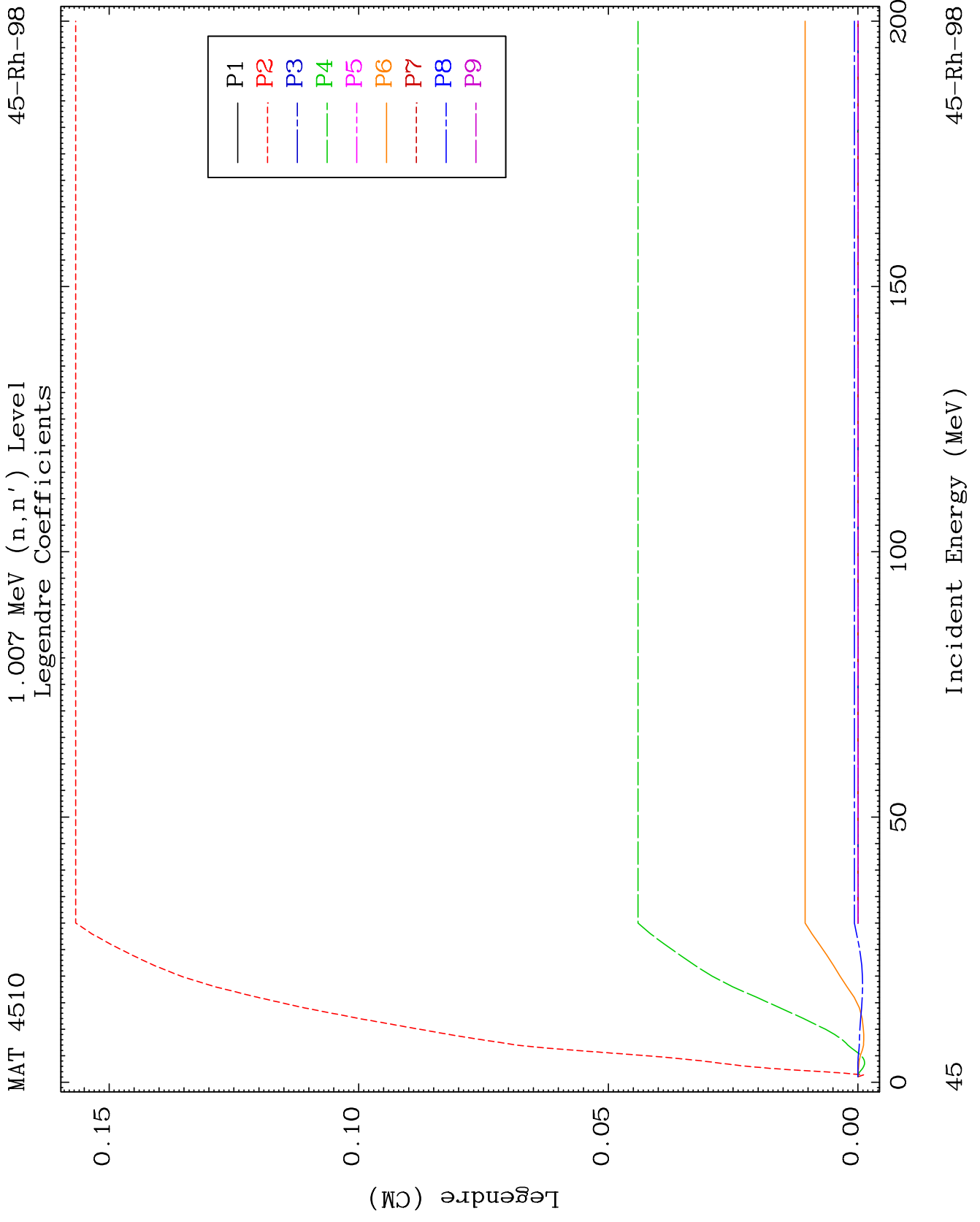
45-Rh-98

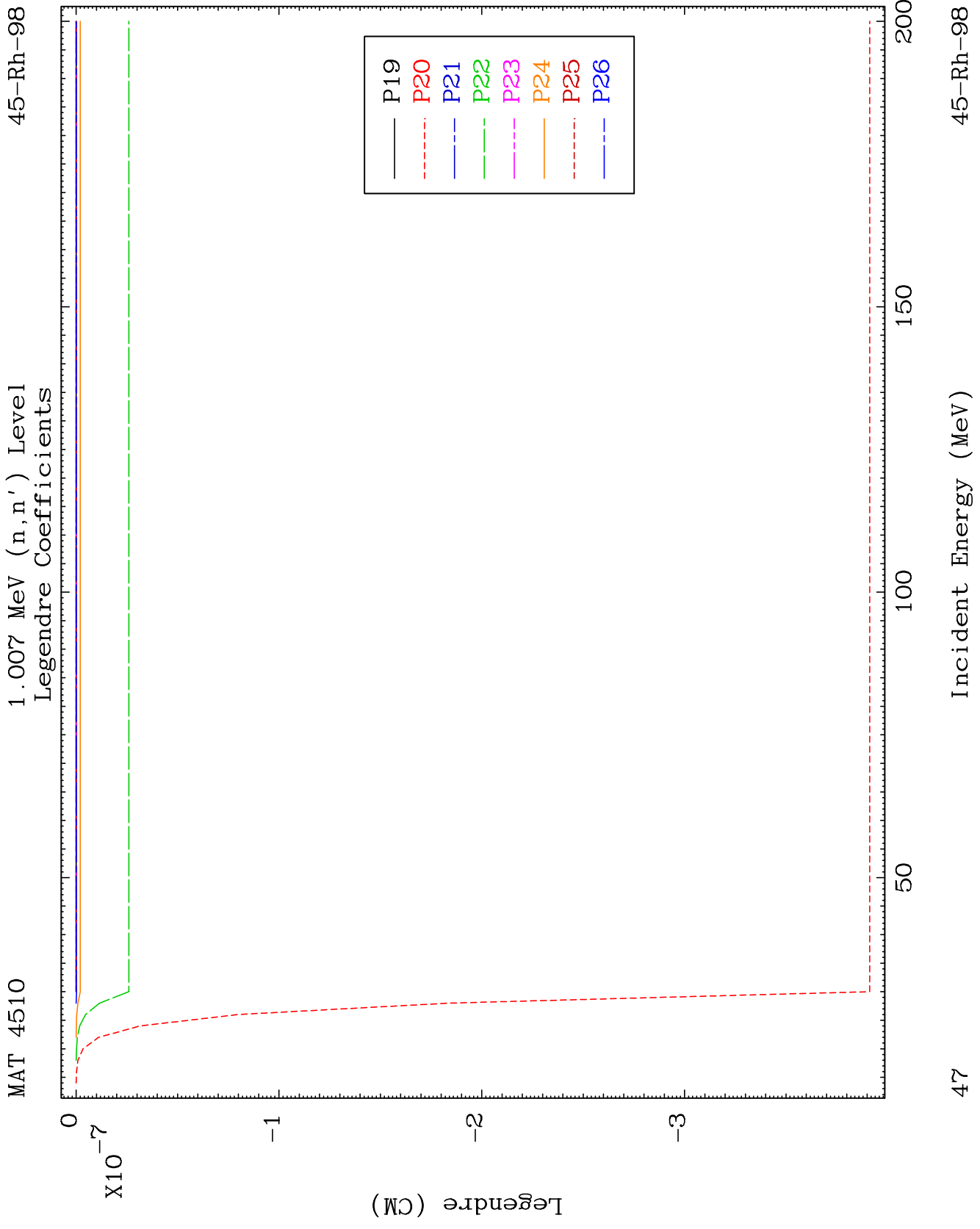
Incident Energy (MeV)

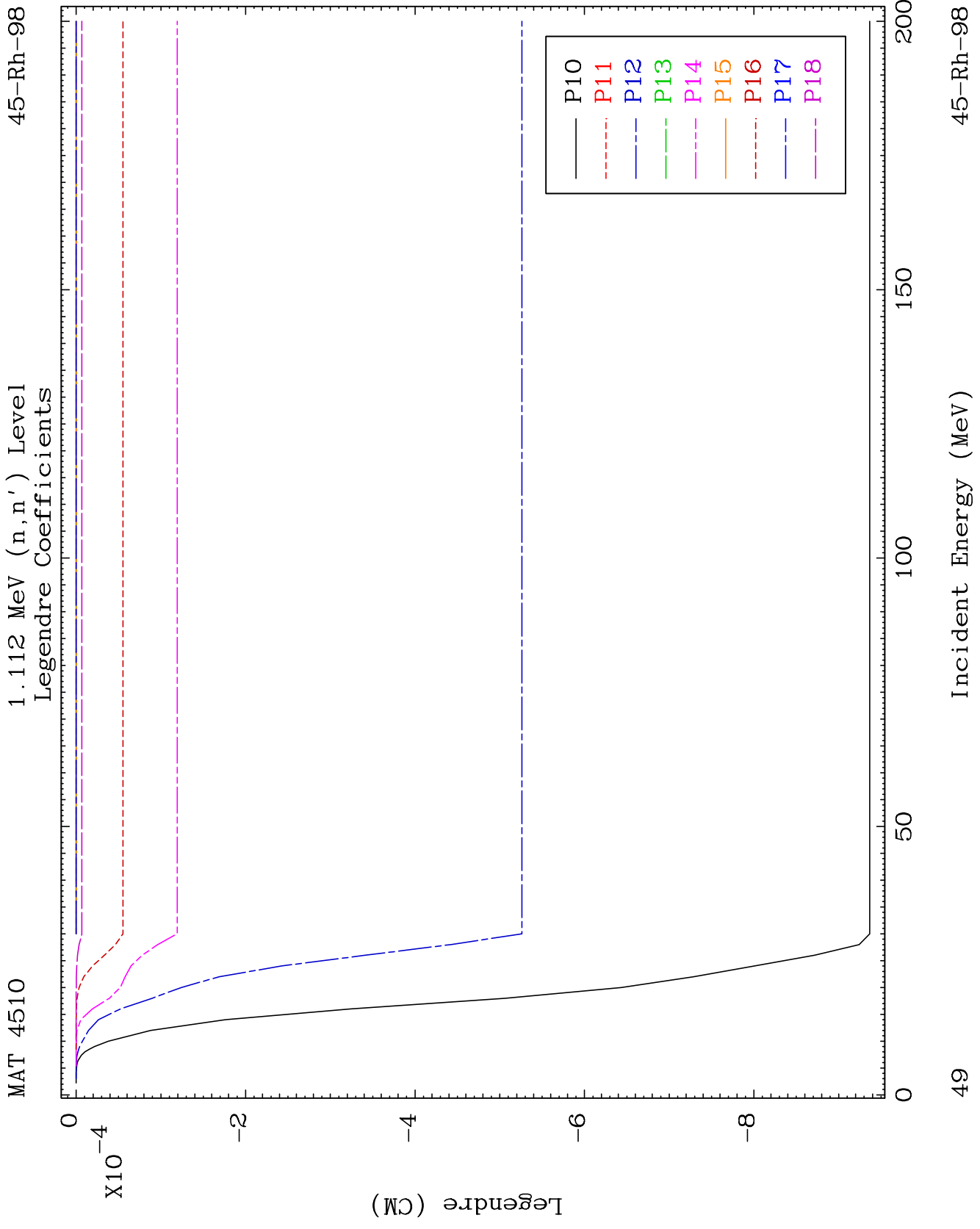
42

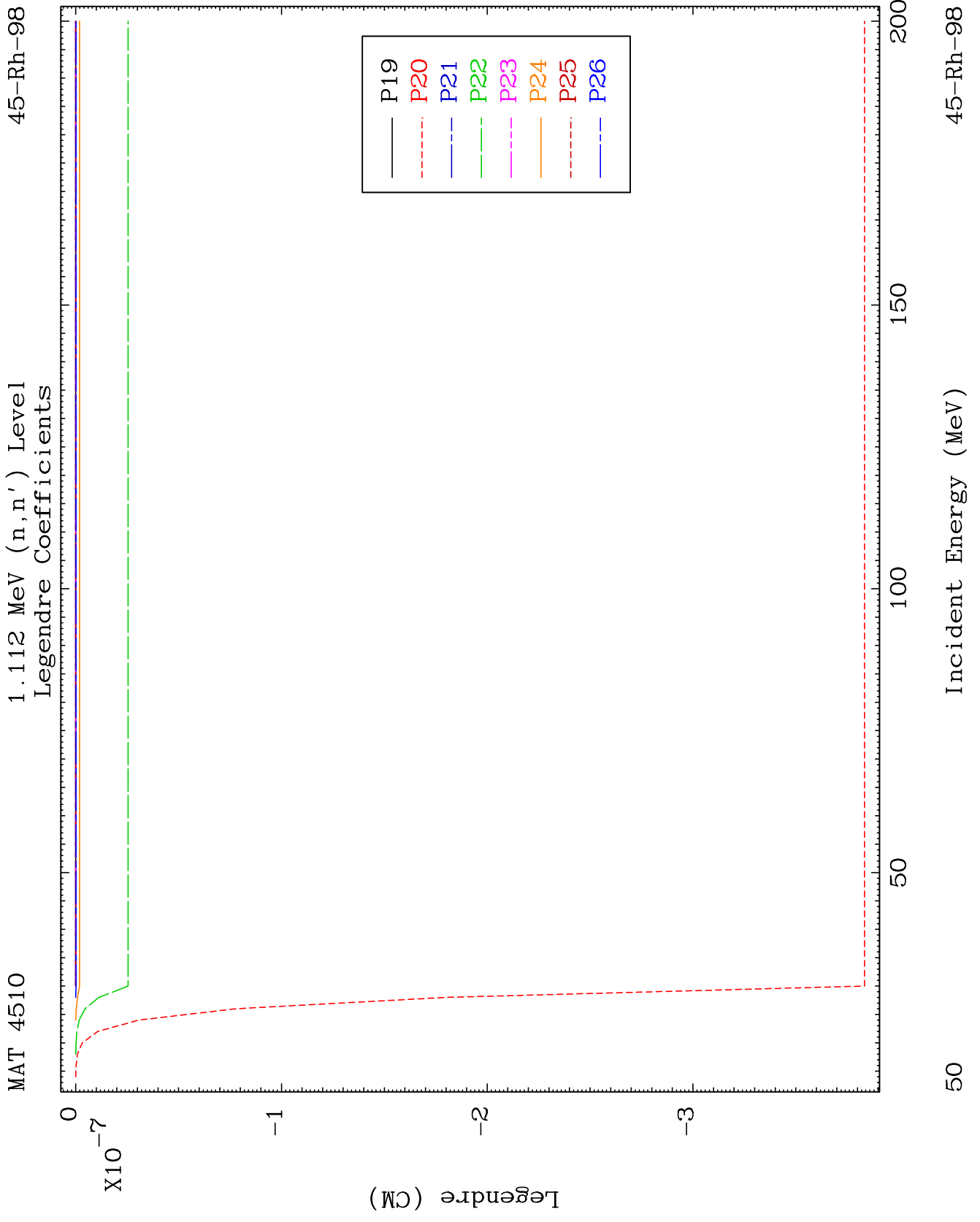


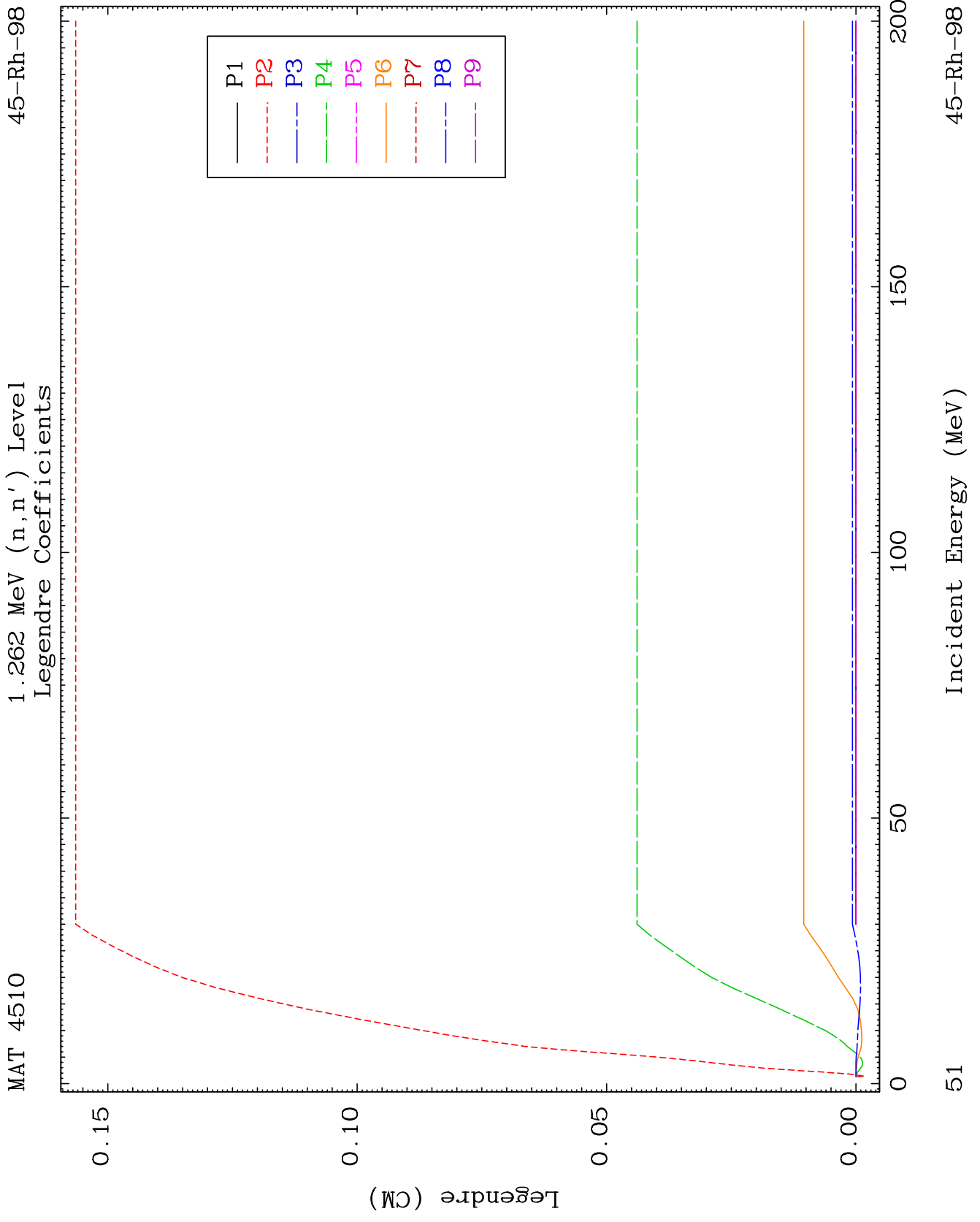


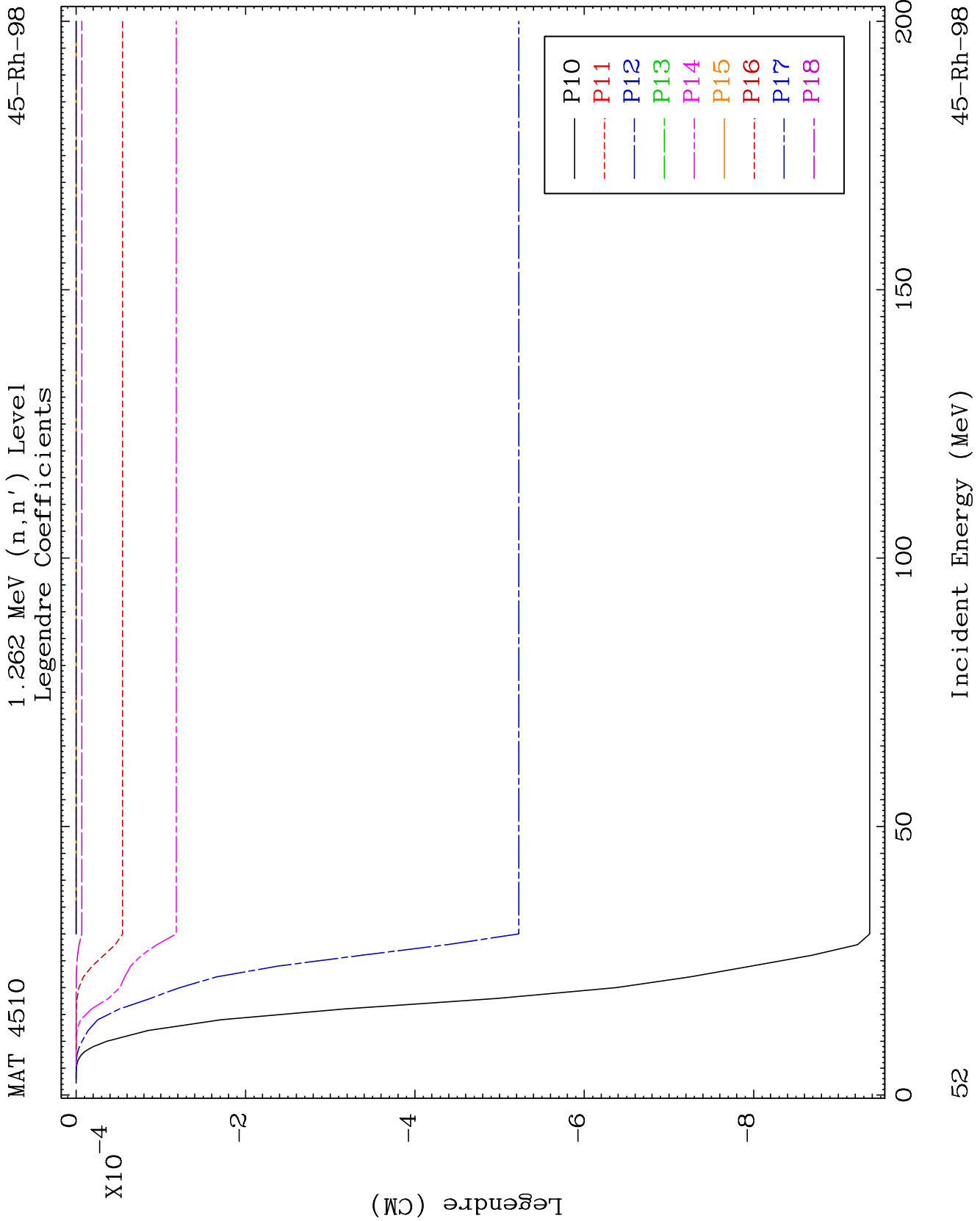


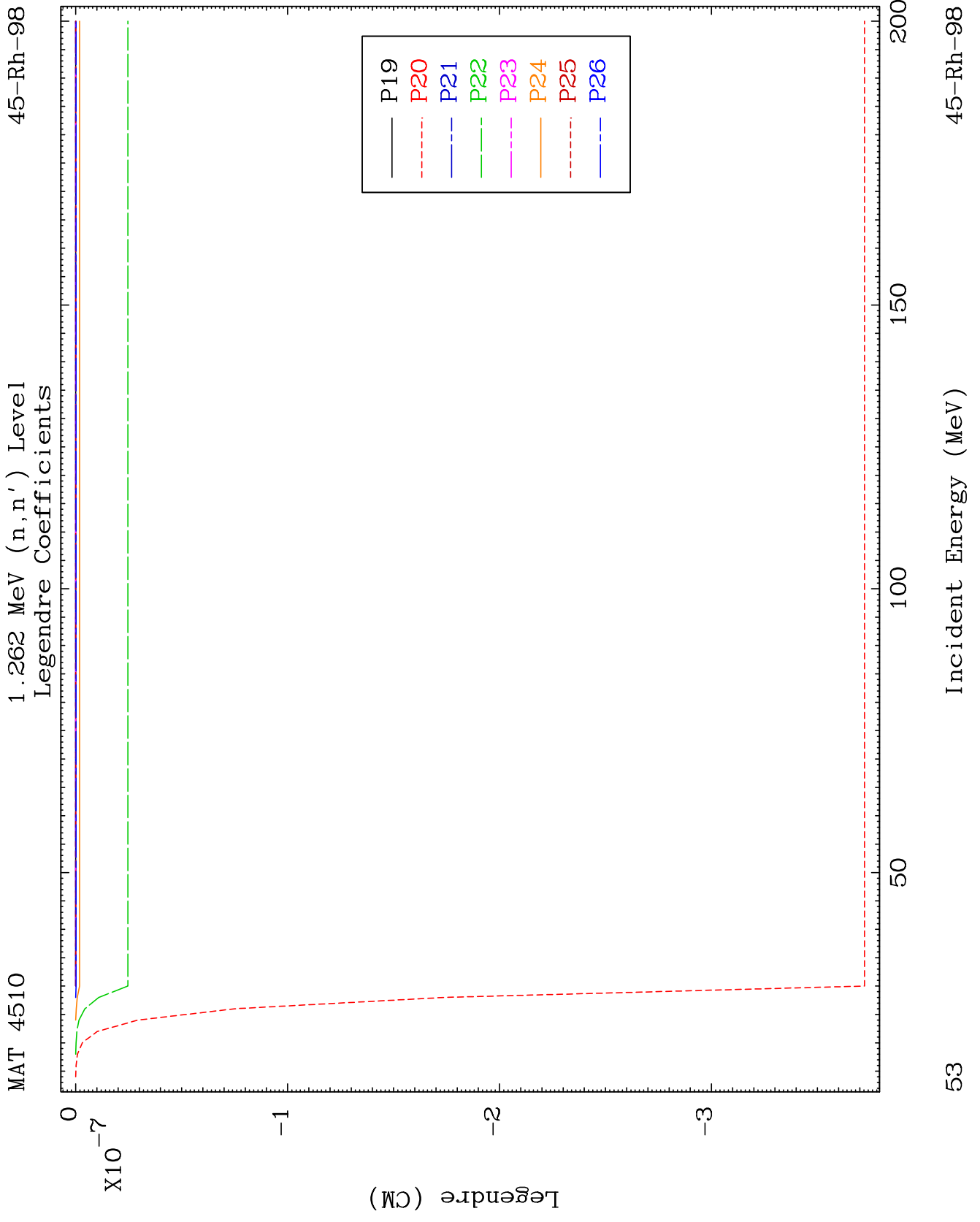


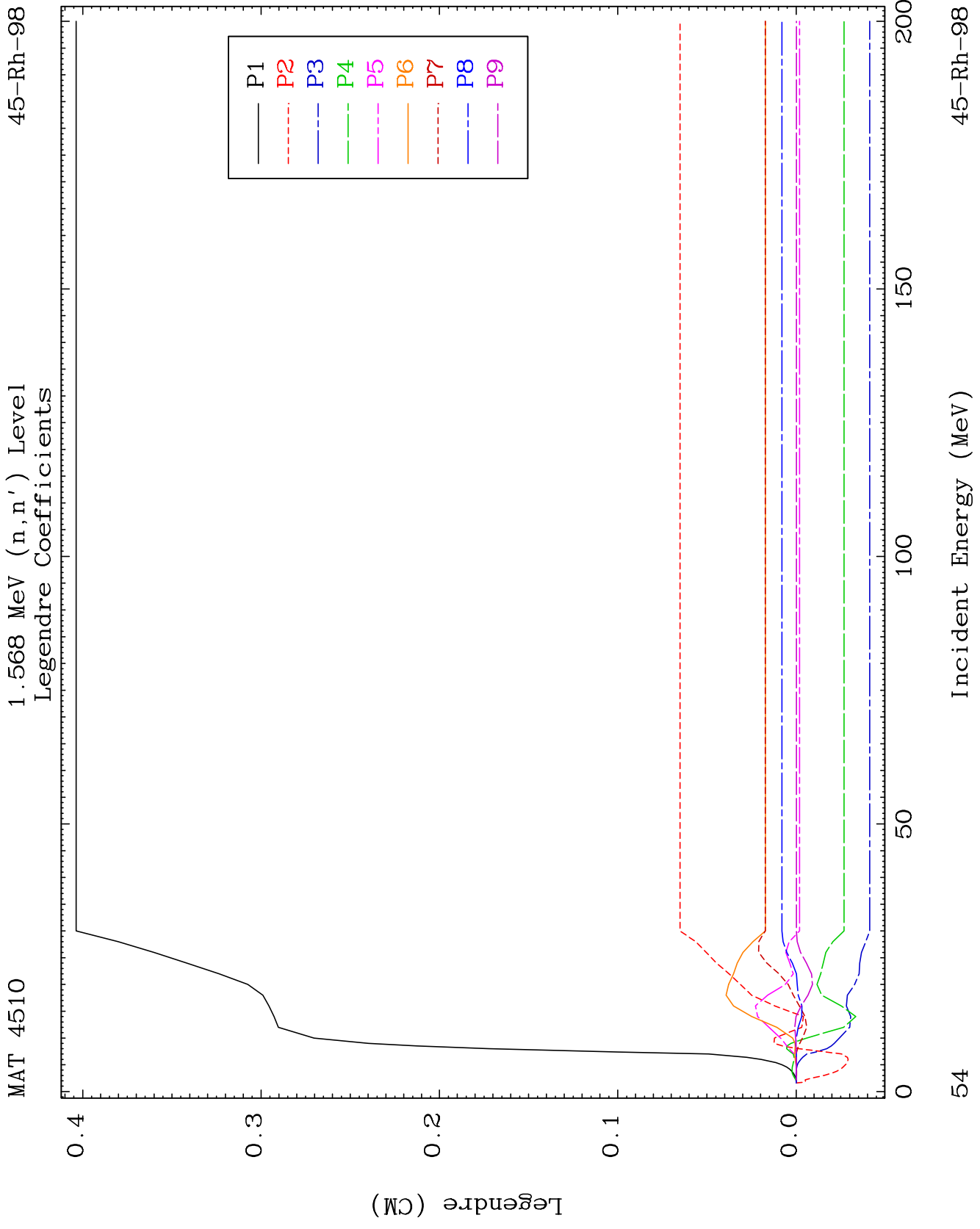


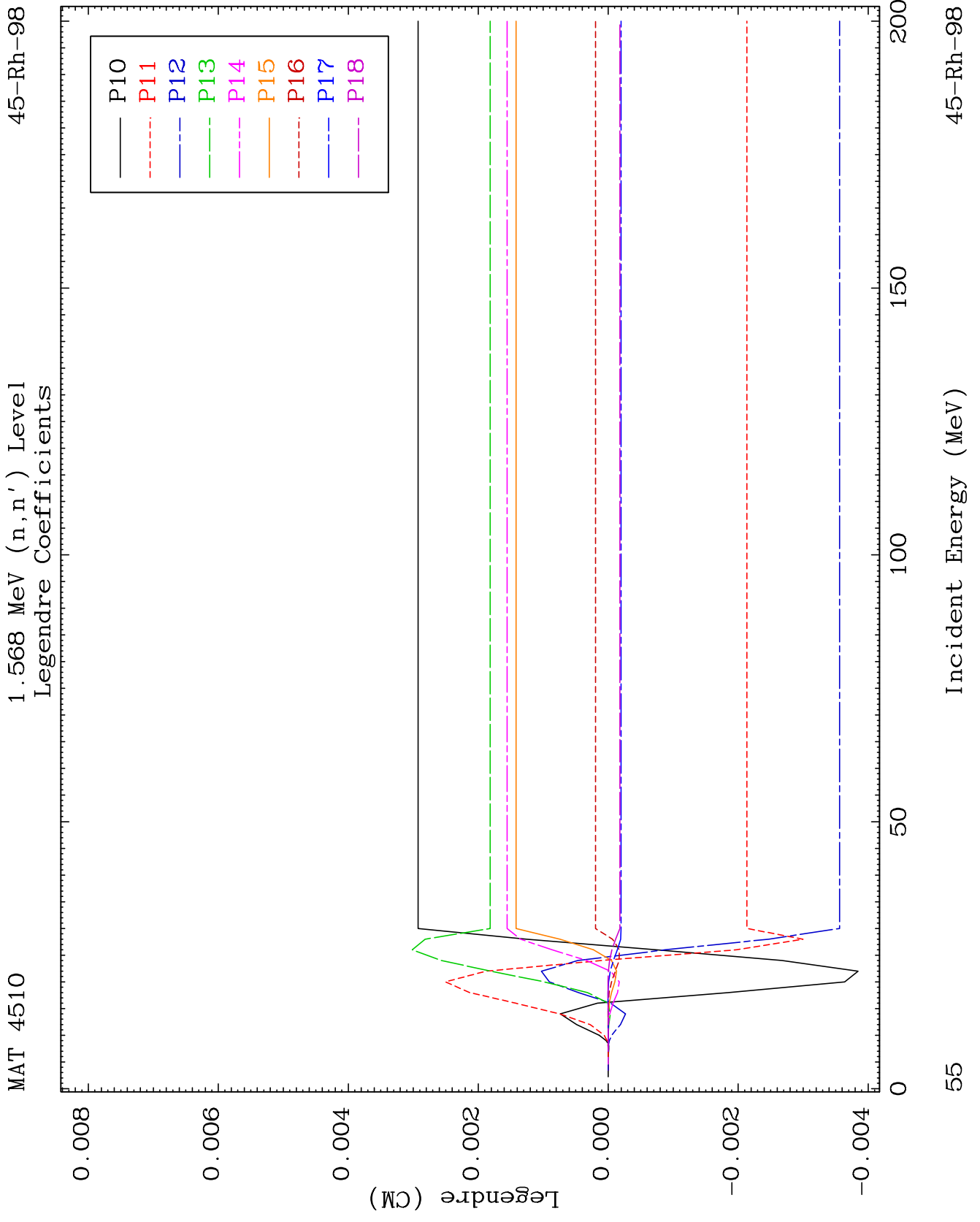


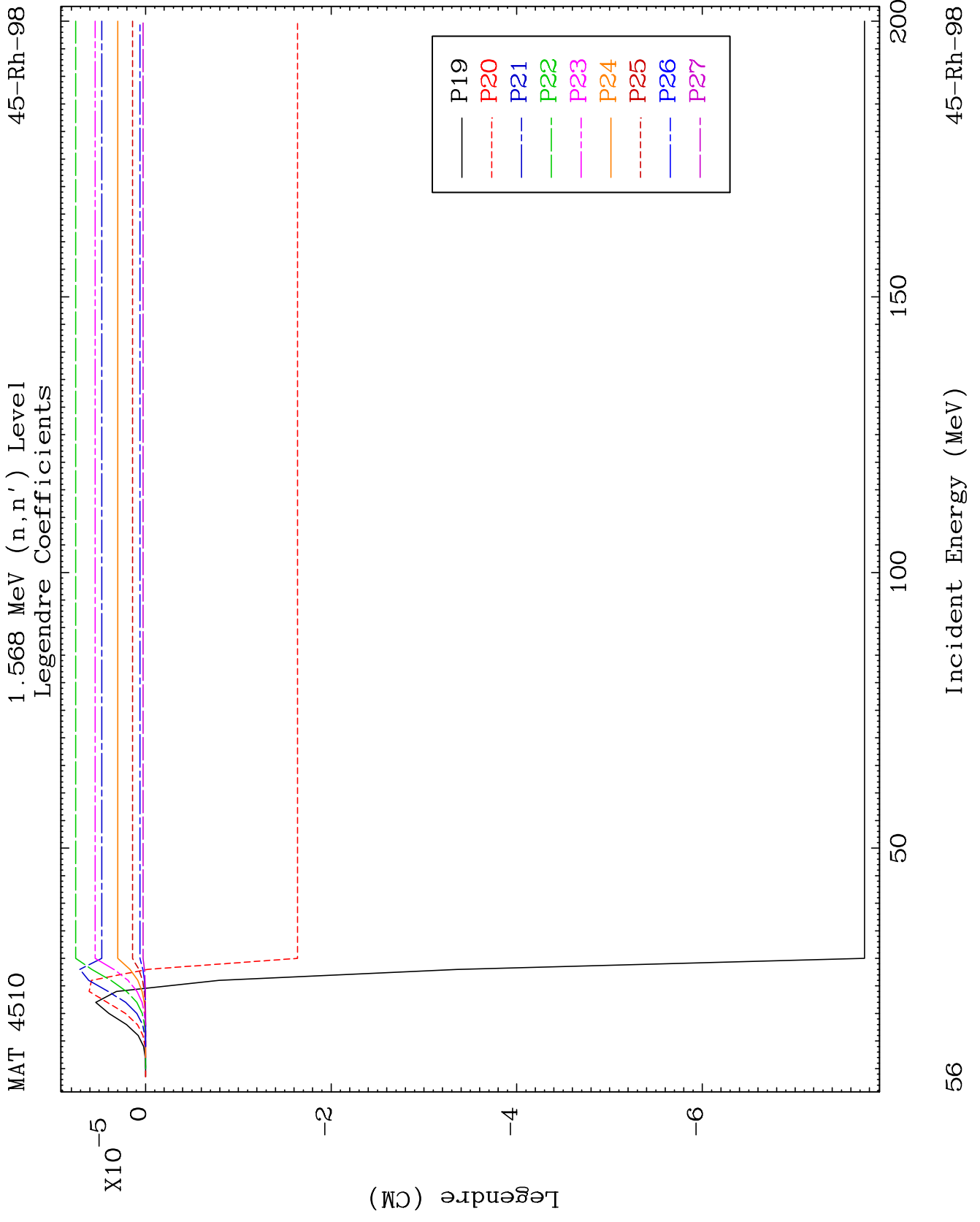


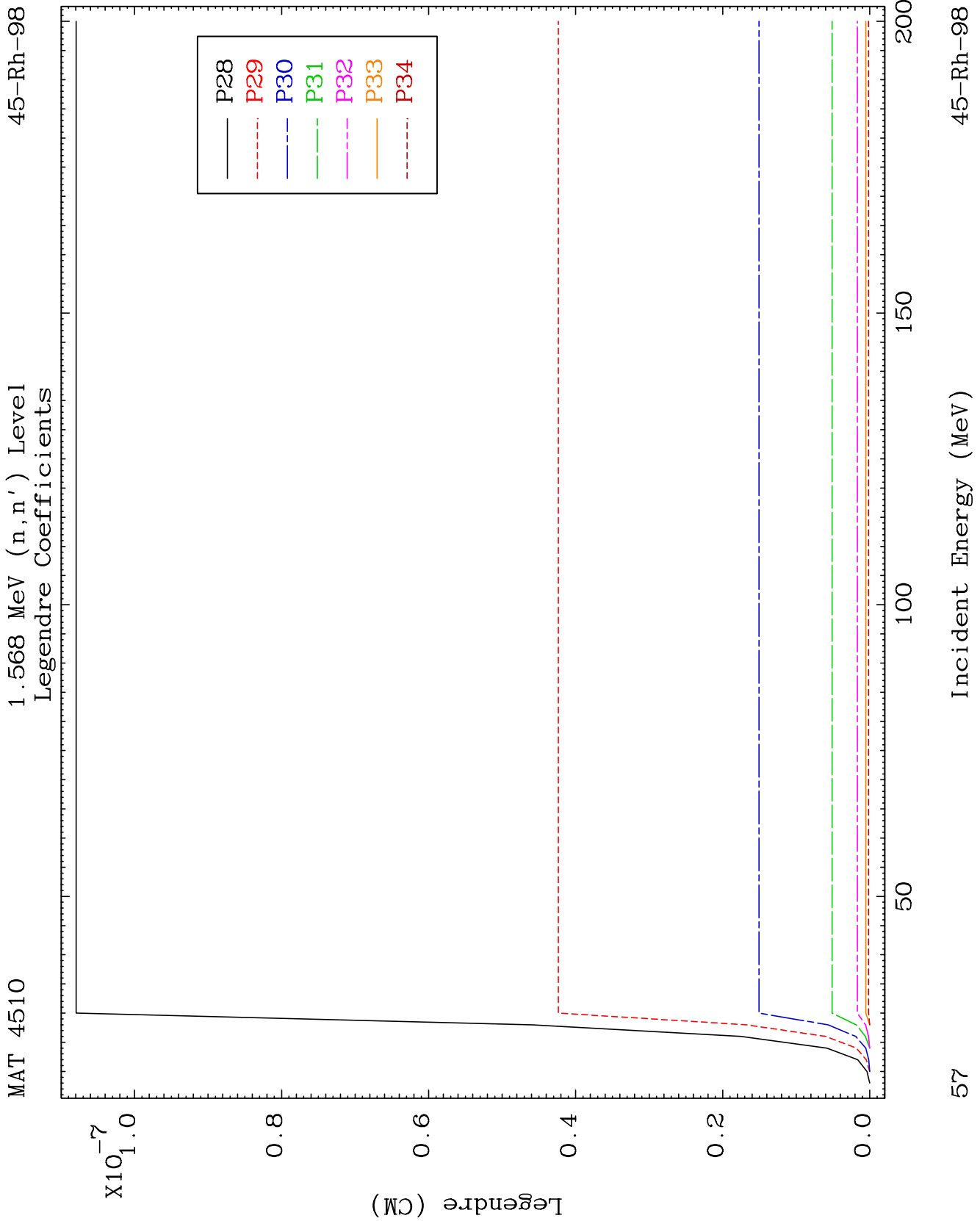


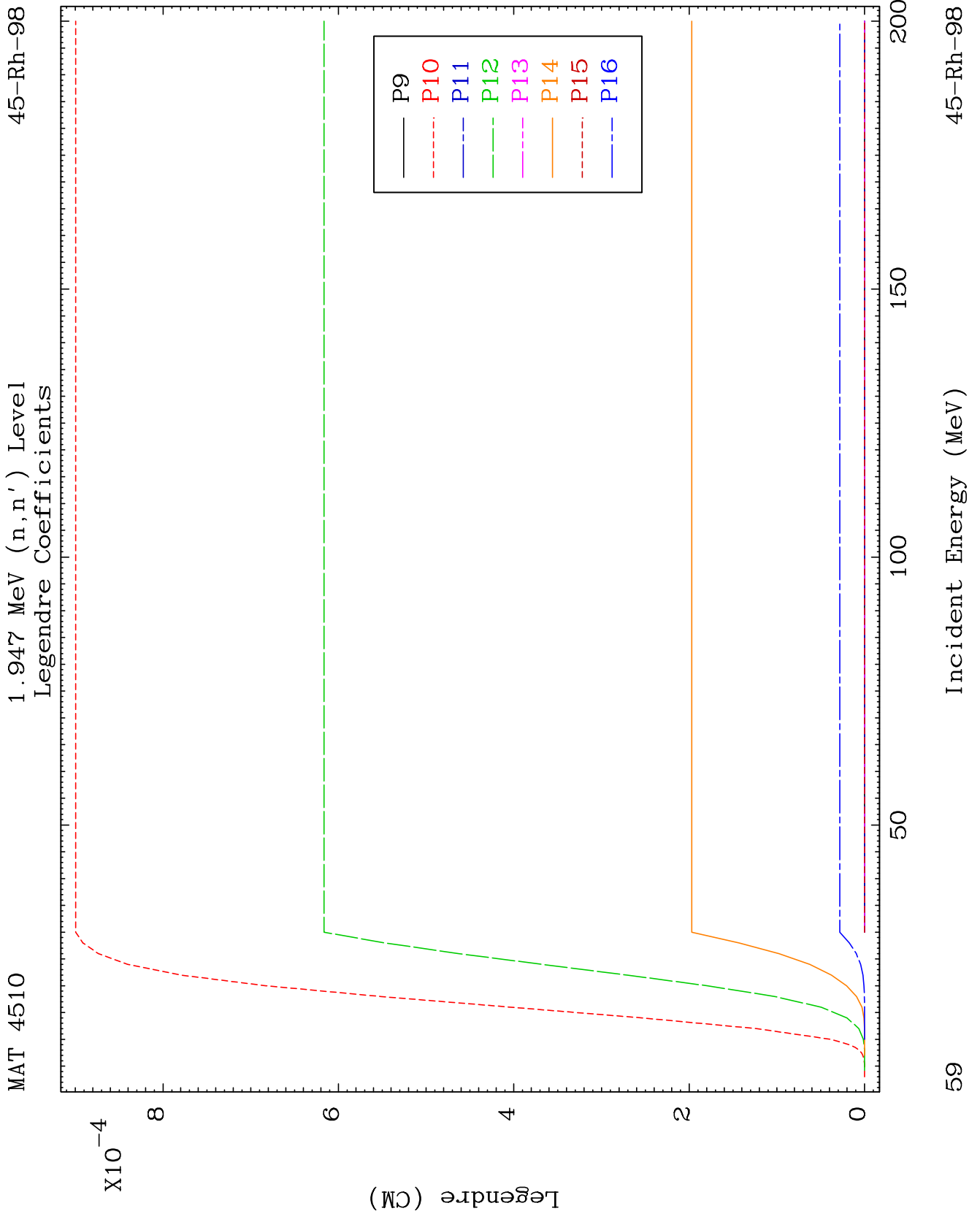


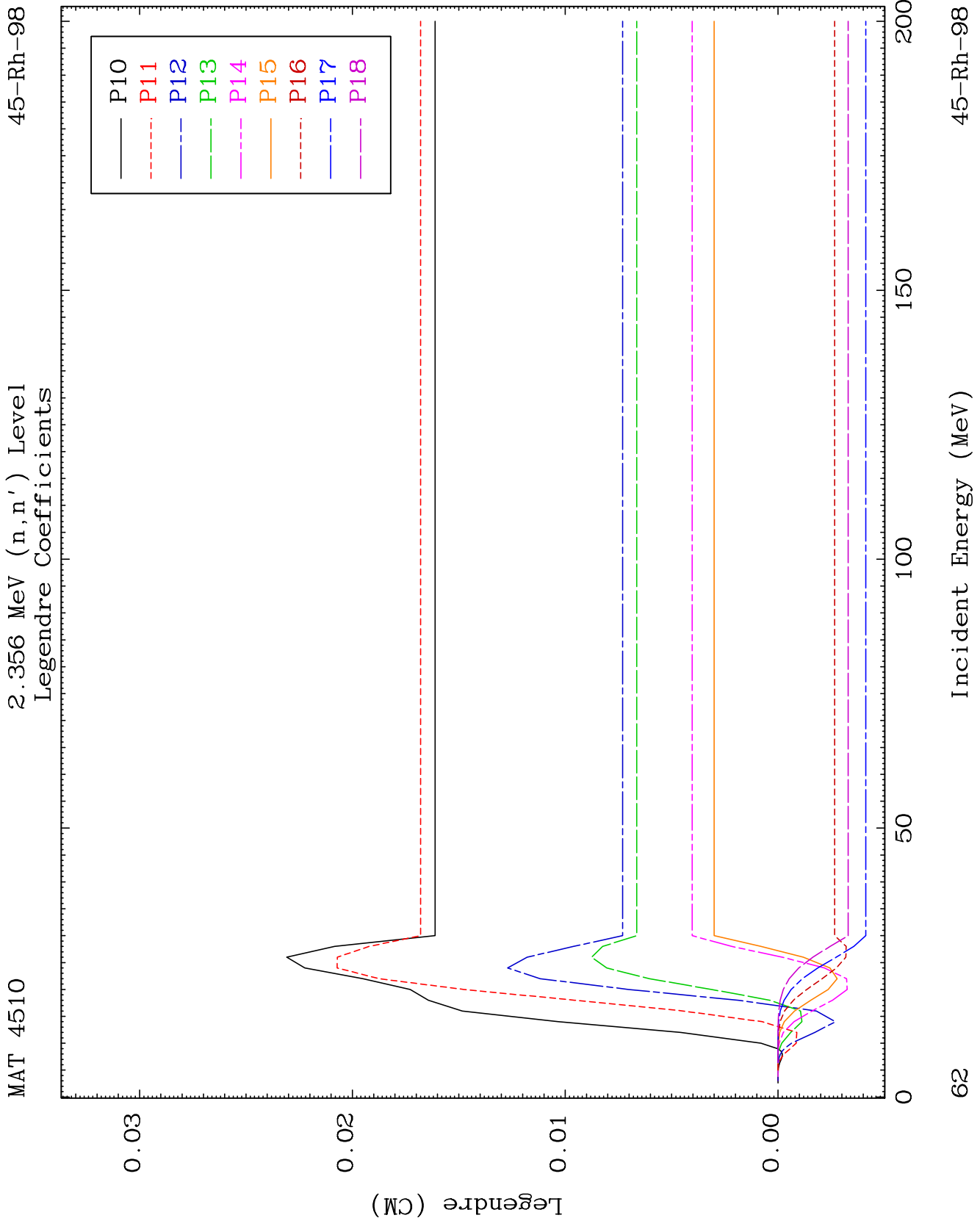


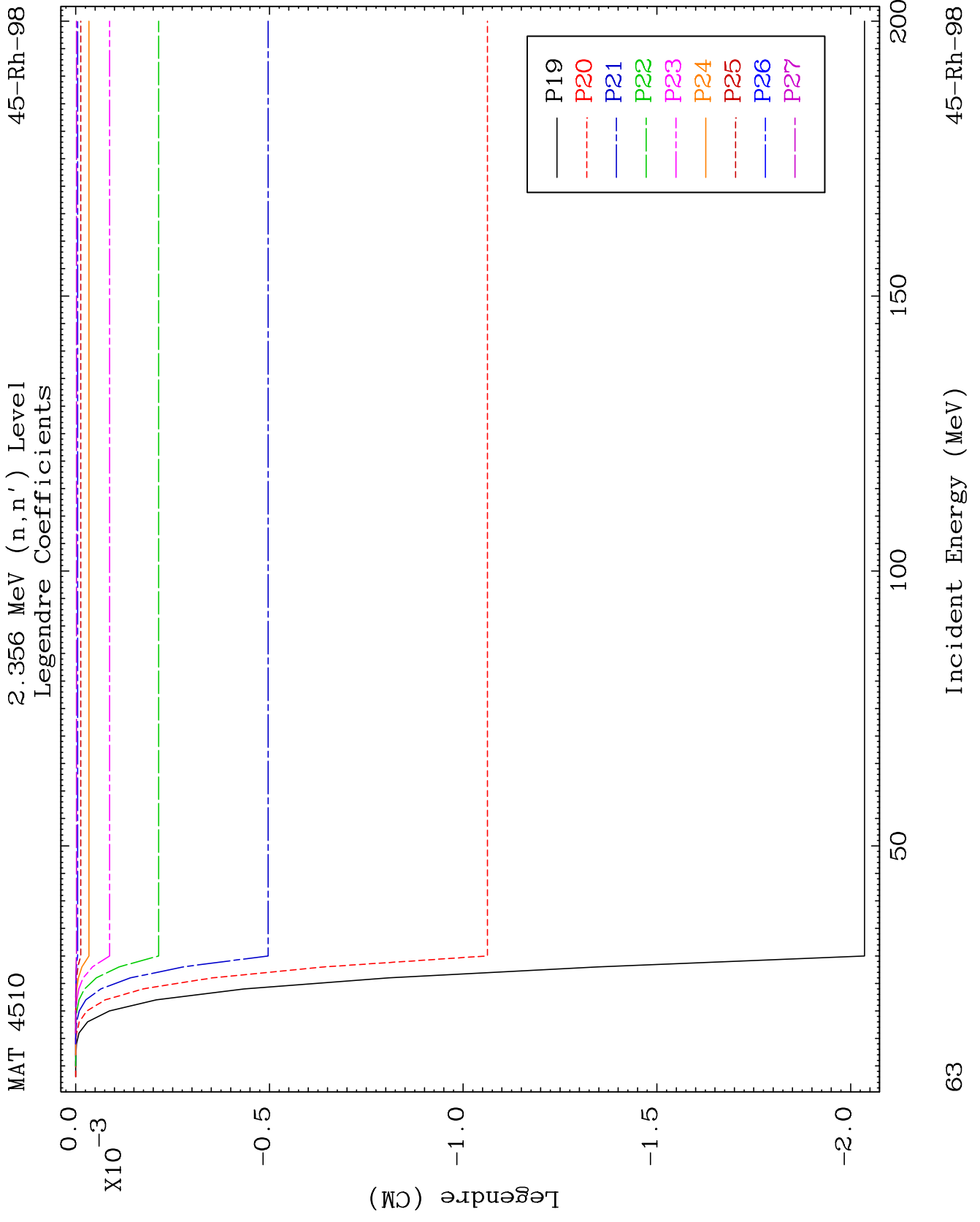


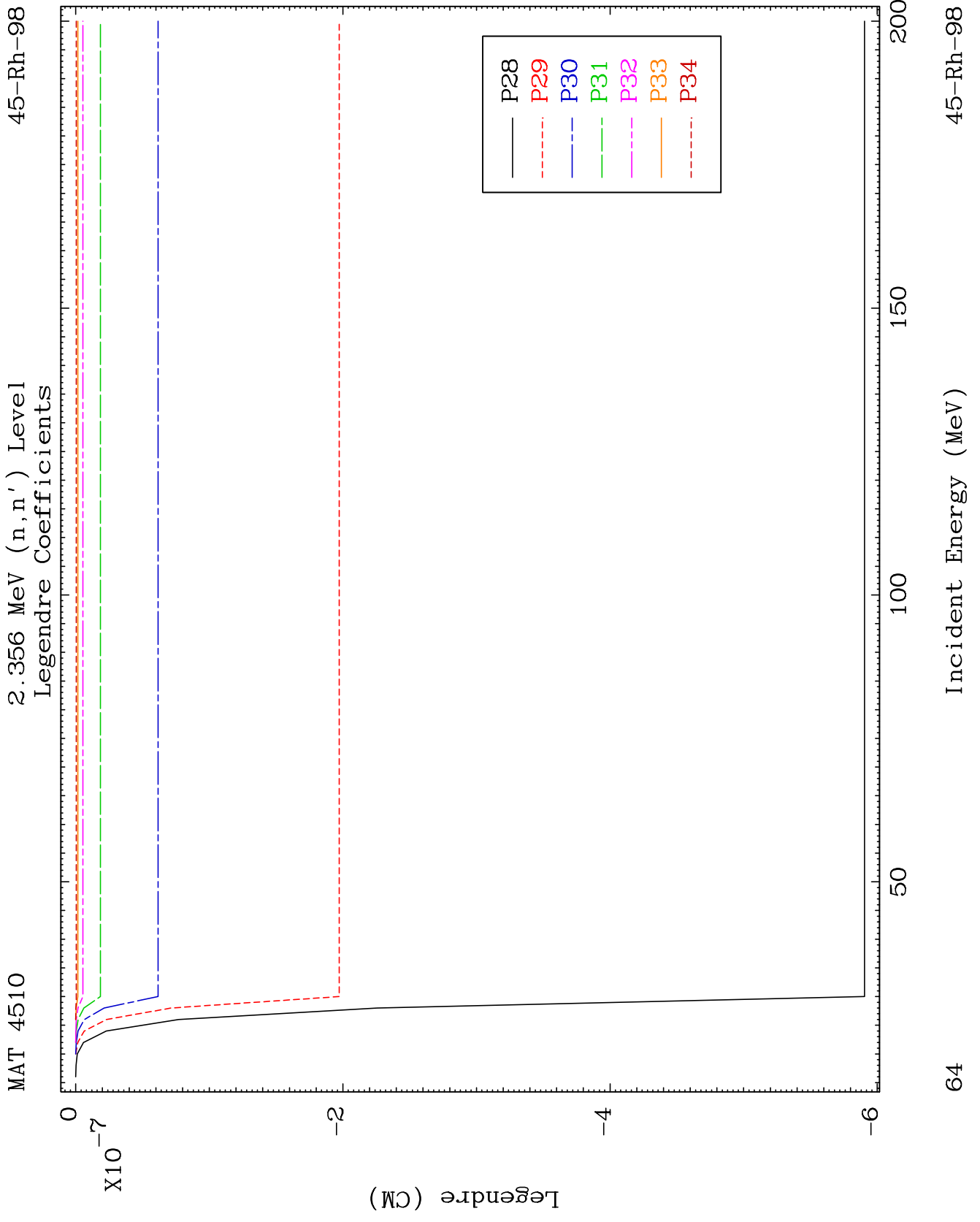








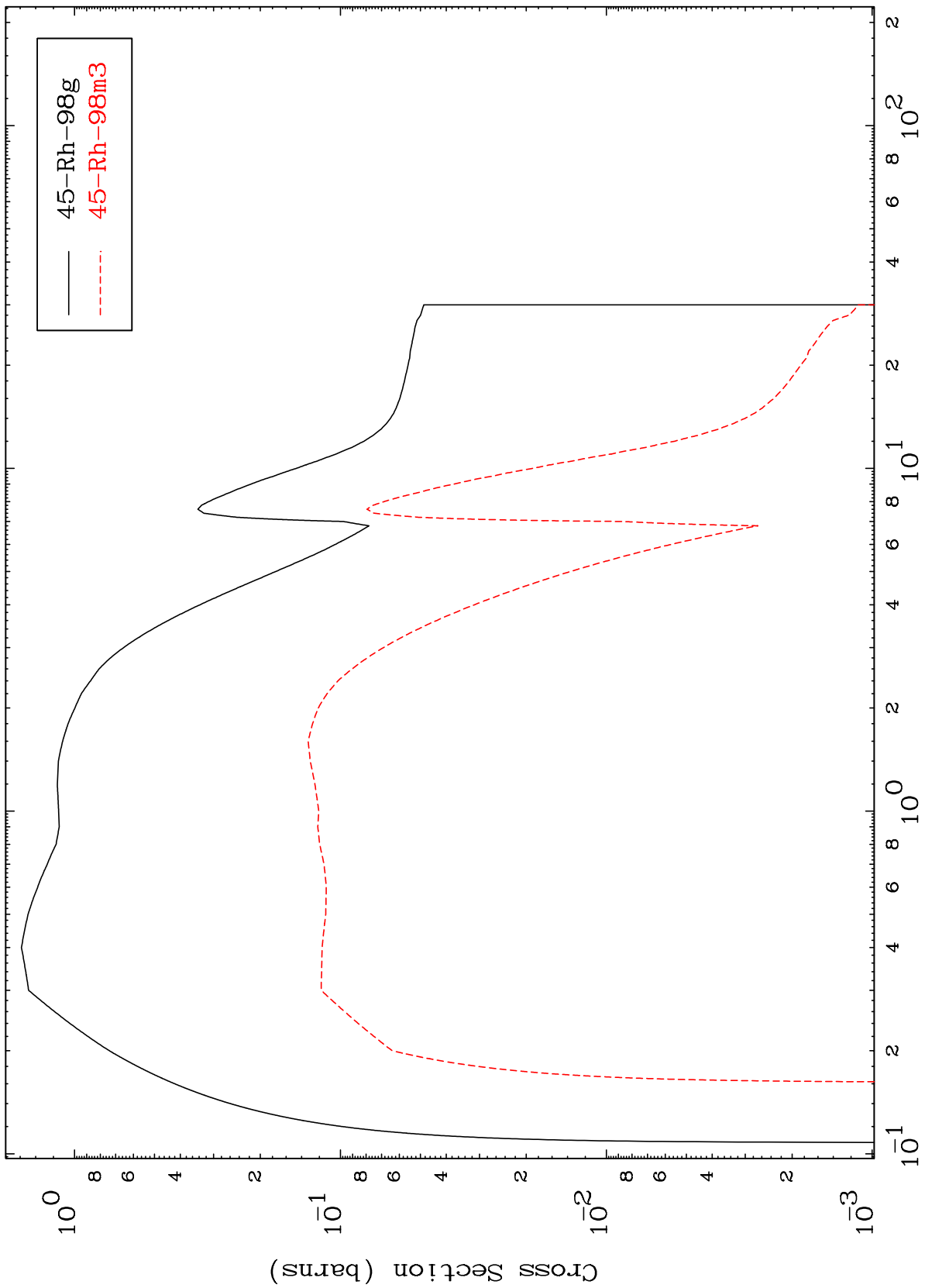




MAT 4510

45-Rh-98

Inelastic
Radionuclide Production Cross Section



45-Rh-98

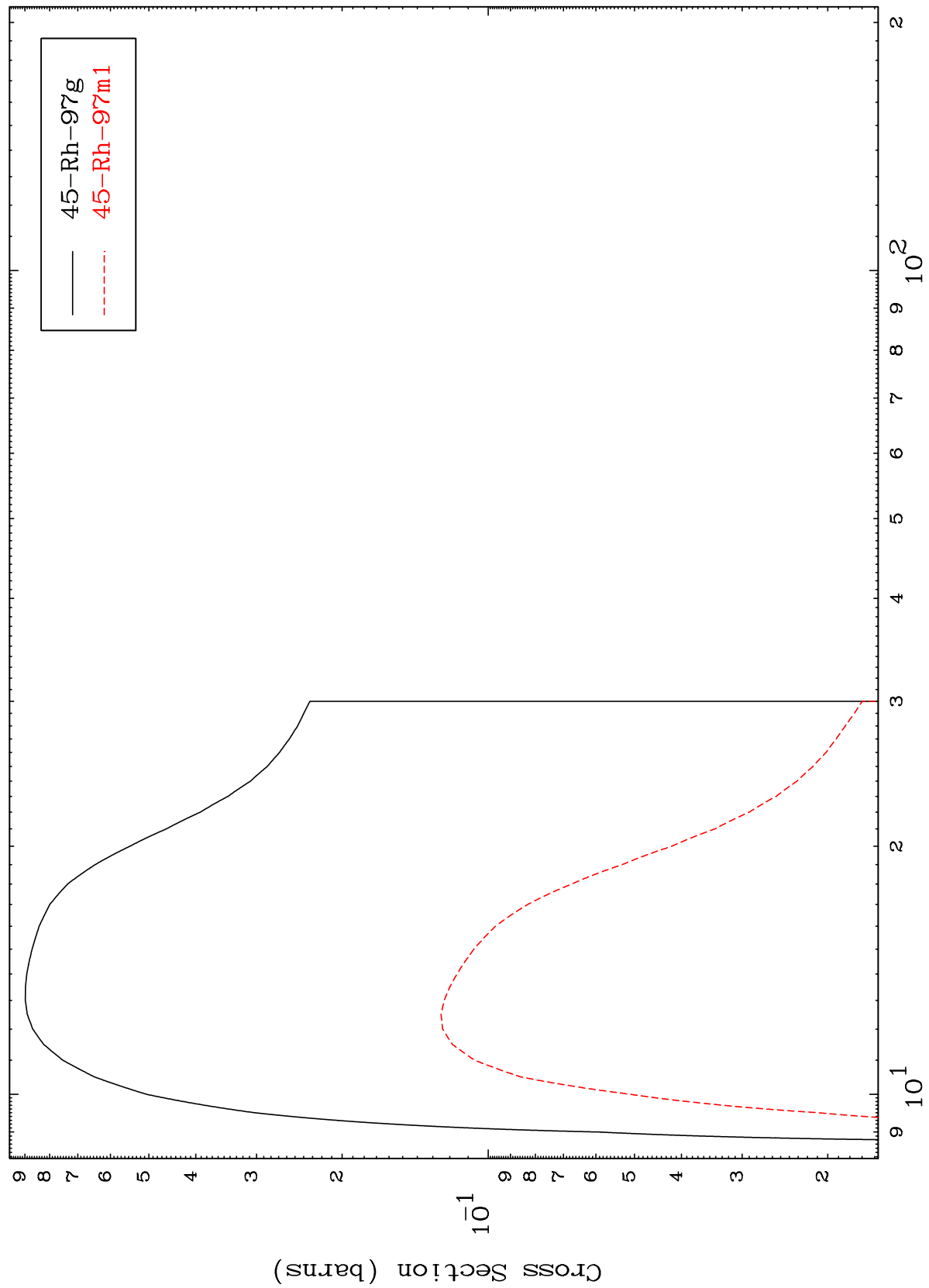
Incident Energy (MeV)

65

MAT 4510

45-Rh-98

(n,2n)
Radionuclide Production Cross Section



66

Incident Energy (MeV)

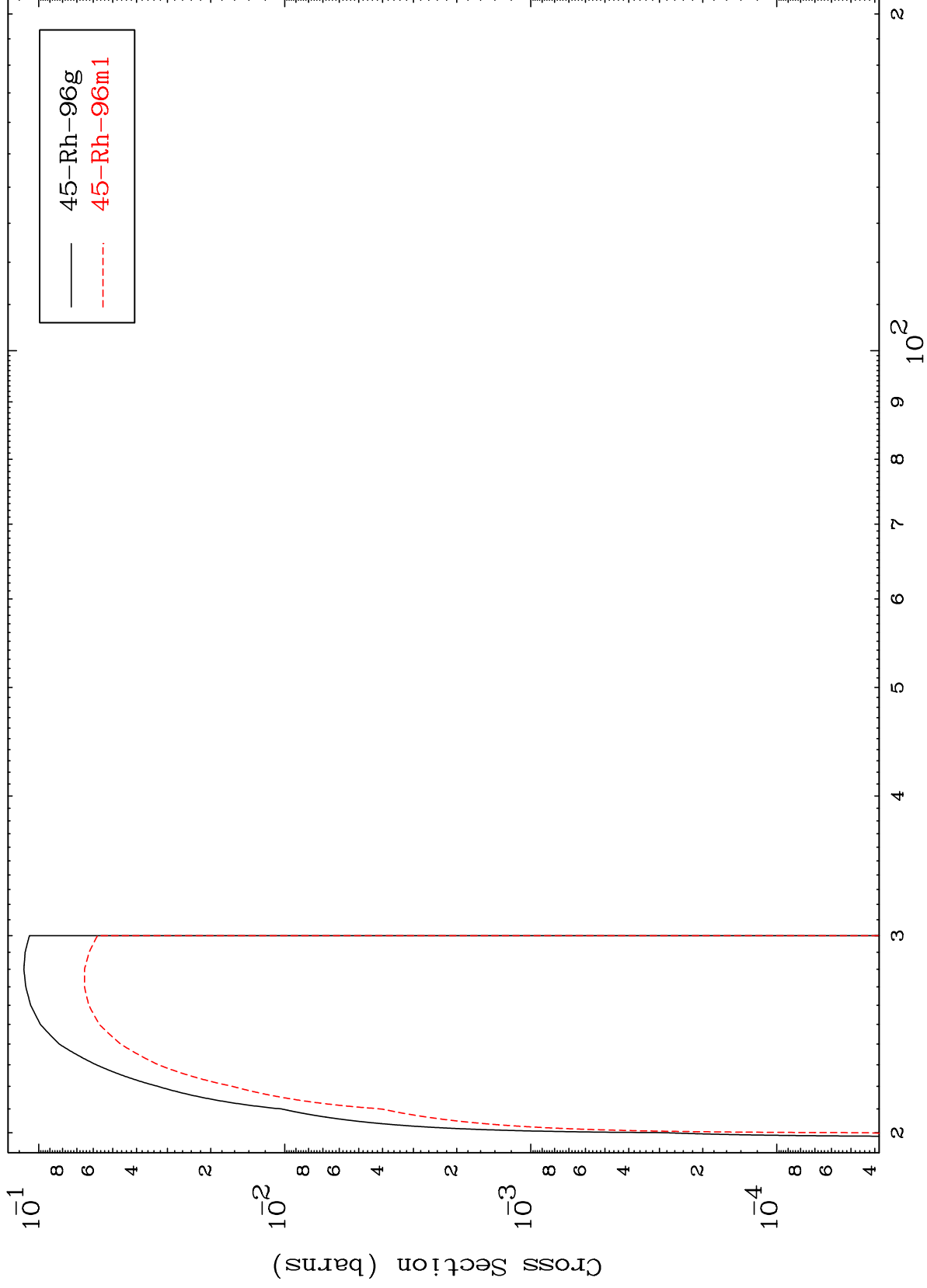
45-Rh-98

MAT 4510

(n,3n)

45-Rh-98

Radionuclide Production Cross Section



67

Incident Energy (MeV)

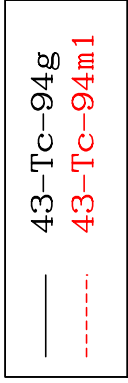
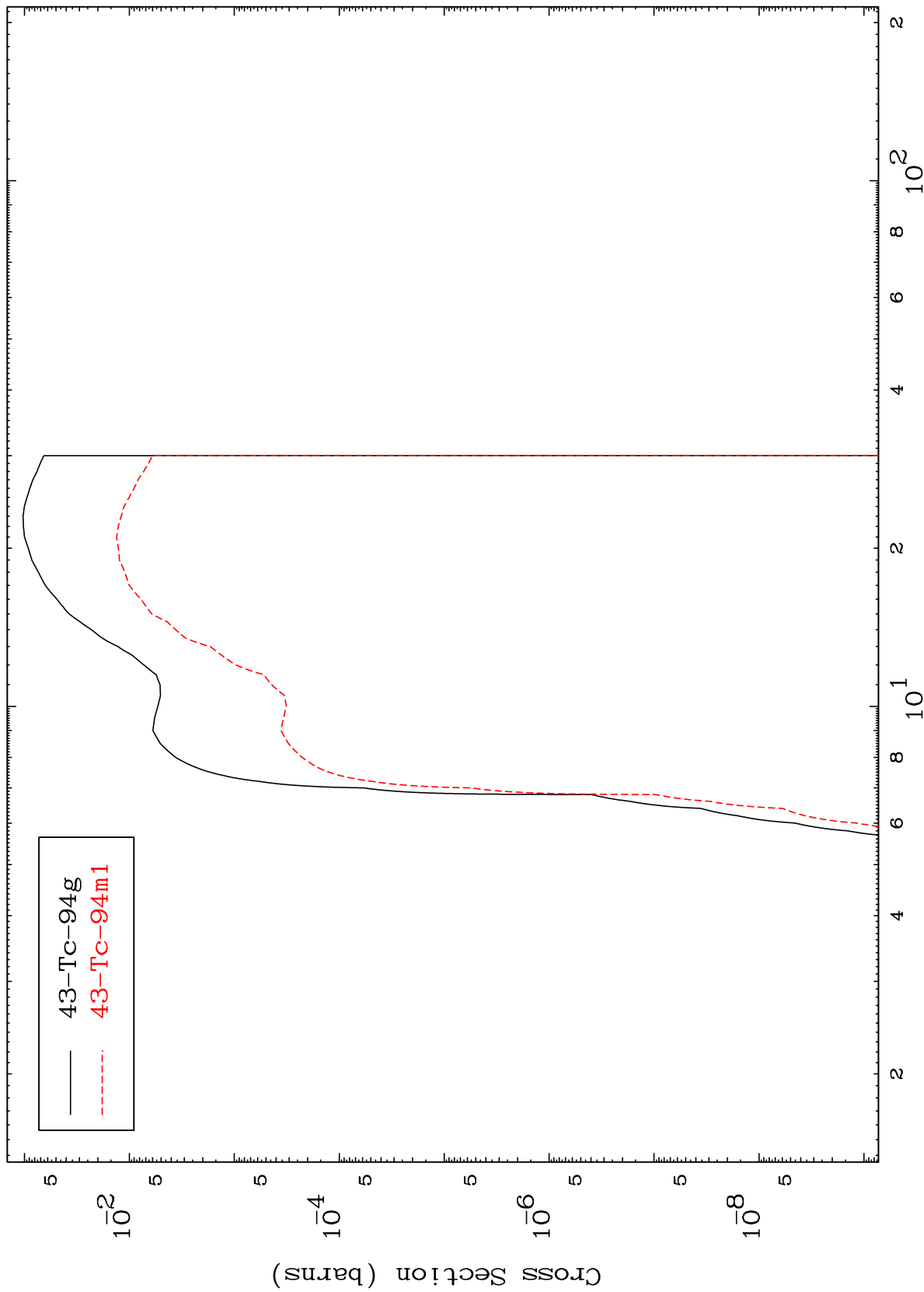
45-Rh-98

MAT 4510

(n,n') α

45-Rh-98

Radionuclide Production Cross Section



68

Incident Energy (MeV)

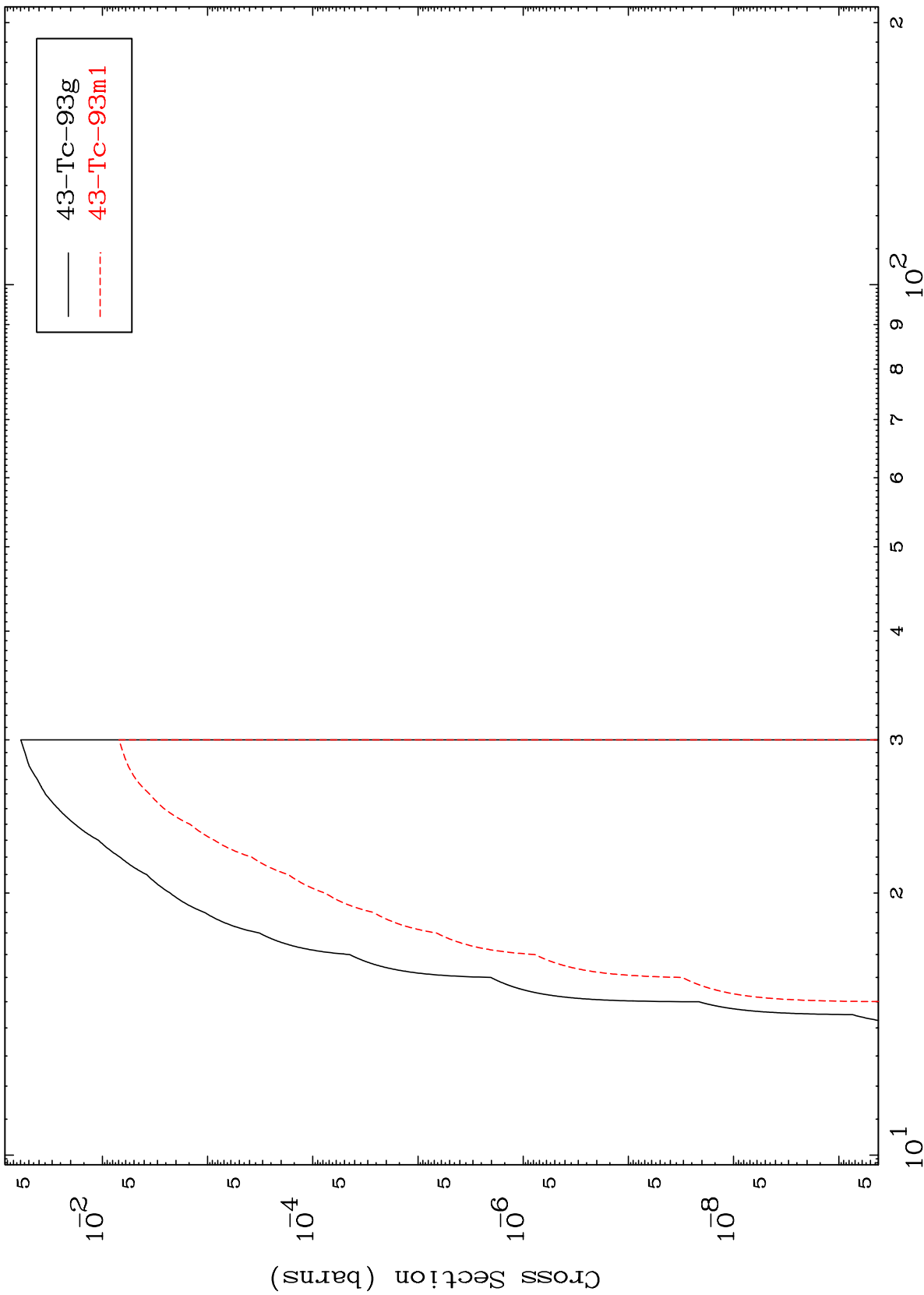
45-Rh-98

MAT 4510

(n,2n) α

45-Rh-98

Radionuclide Production Cross Section



69

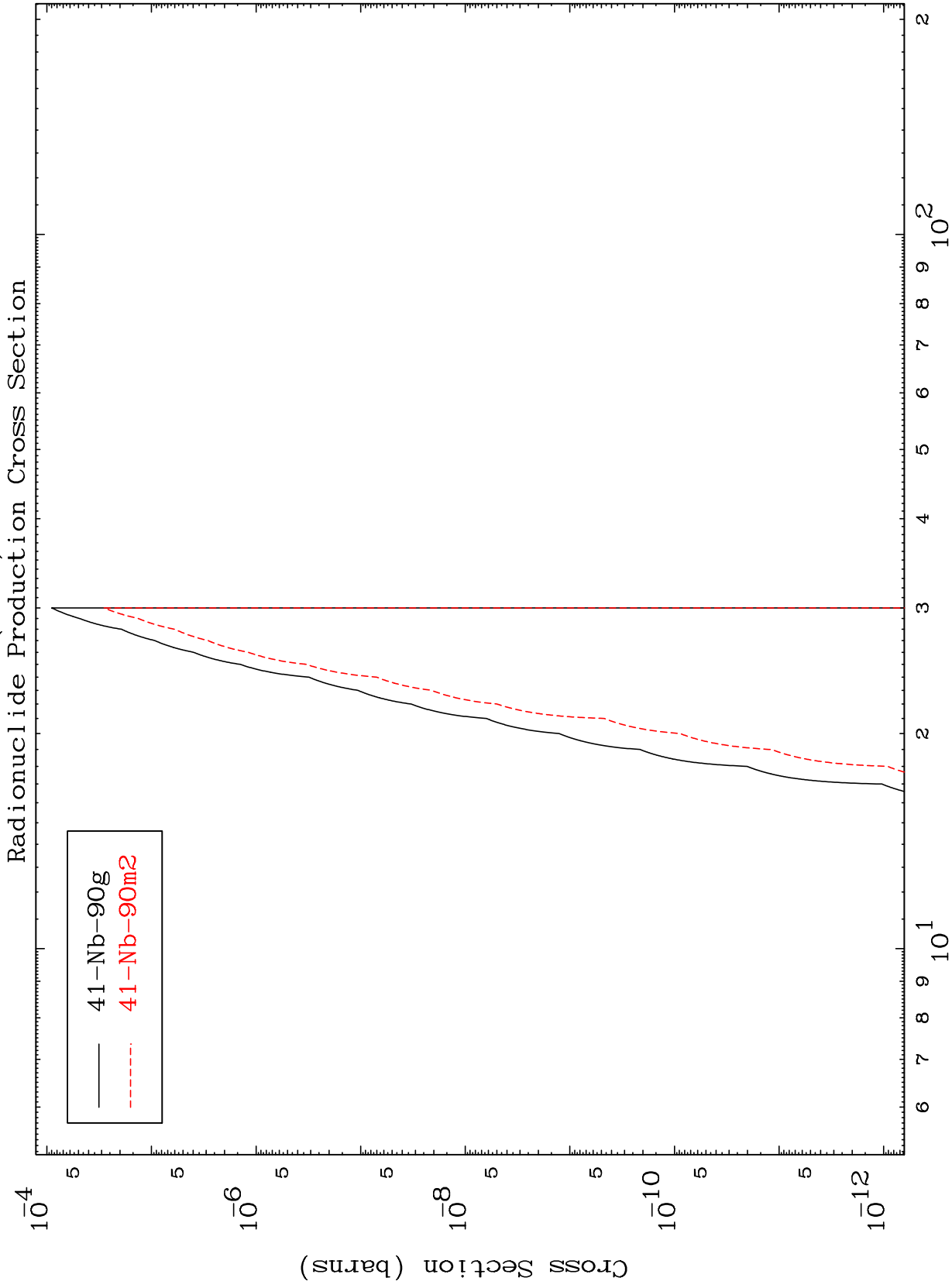
Incident Energy (MeV)

45-Rh-98

MAT 4510

(n, n') 2 α

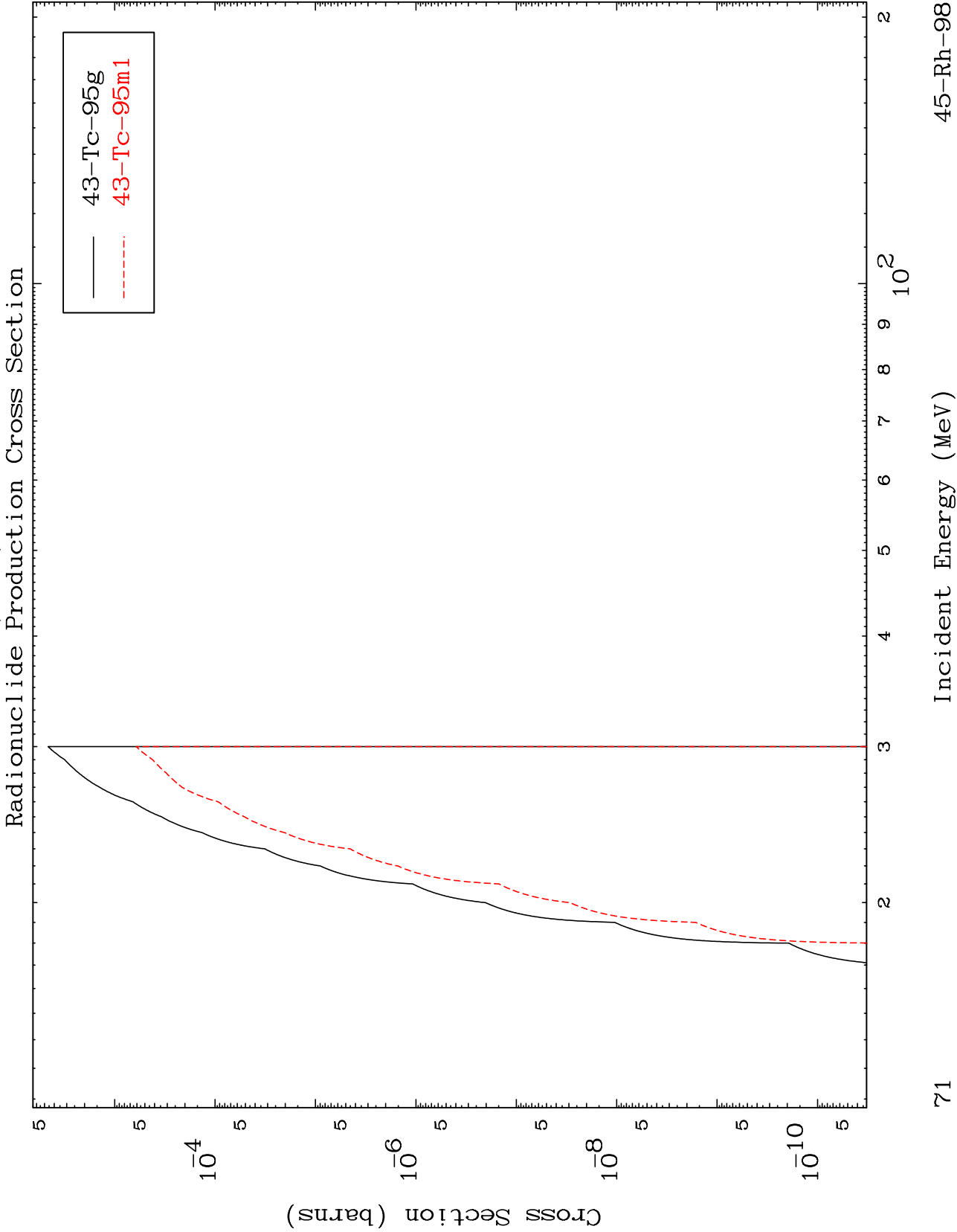
45-Rh-98



70

Incident Energy (MeV)

45-Rh-98

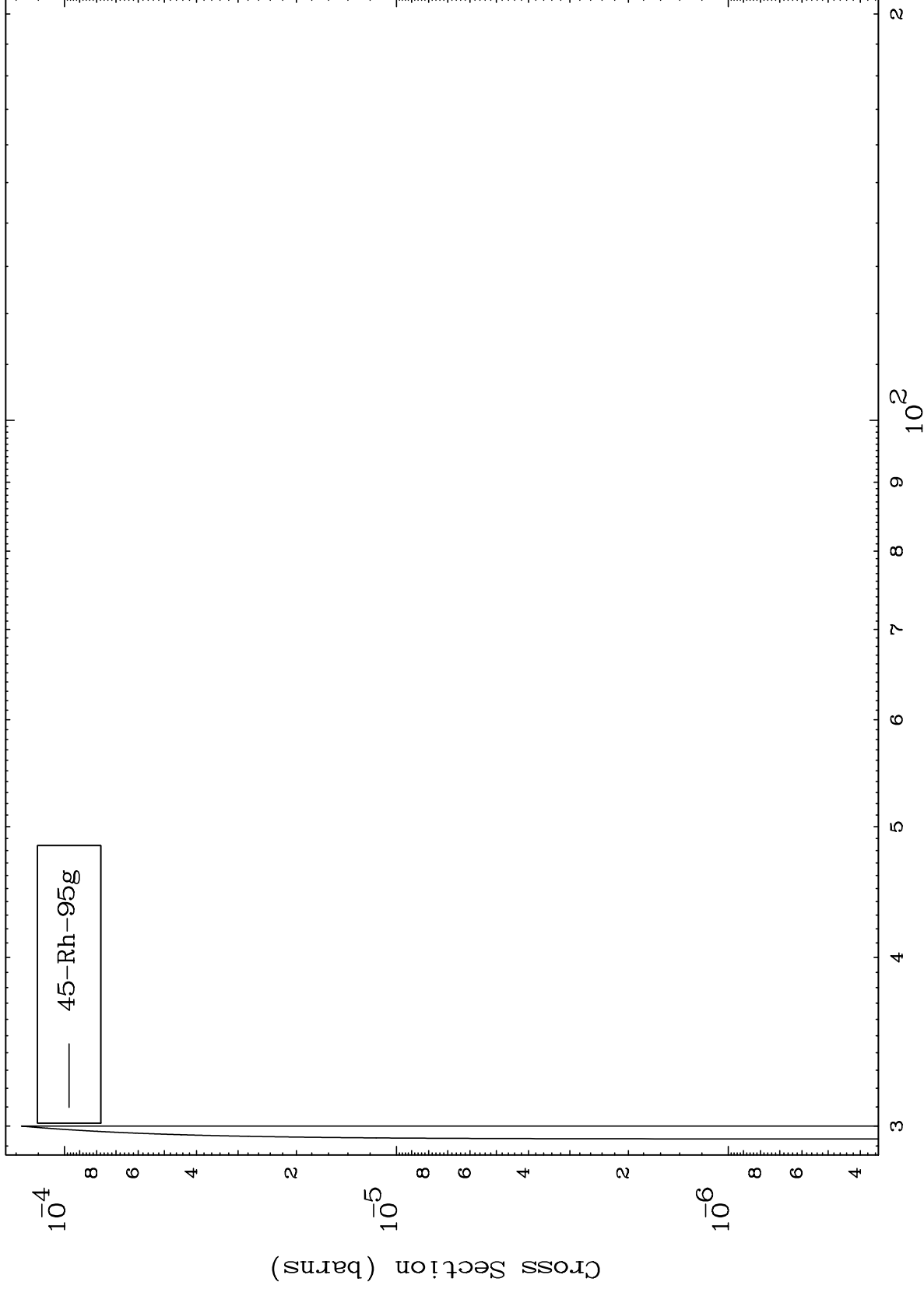


MAT 4510

(n,4n)

45-Rh-98

Radionuclide Production Cross Section



72

Incident Energy (MeV)

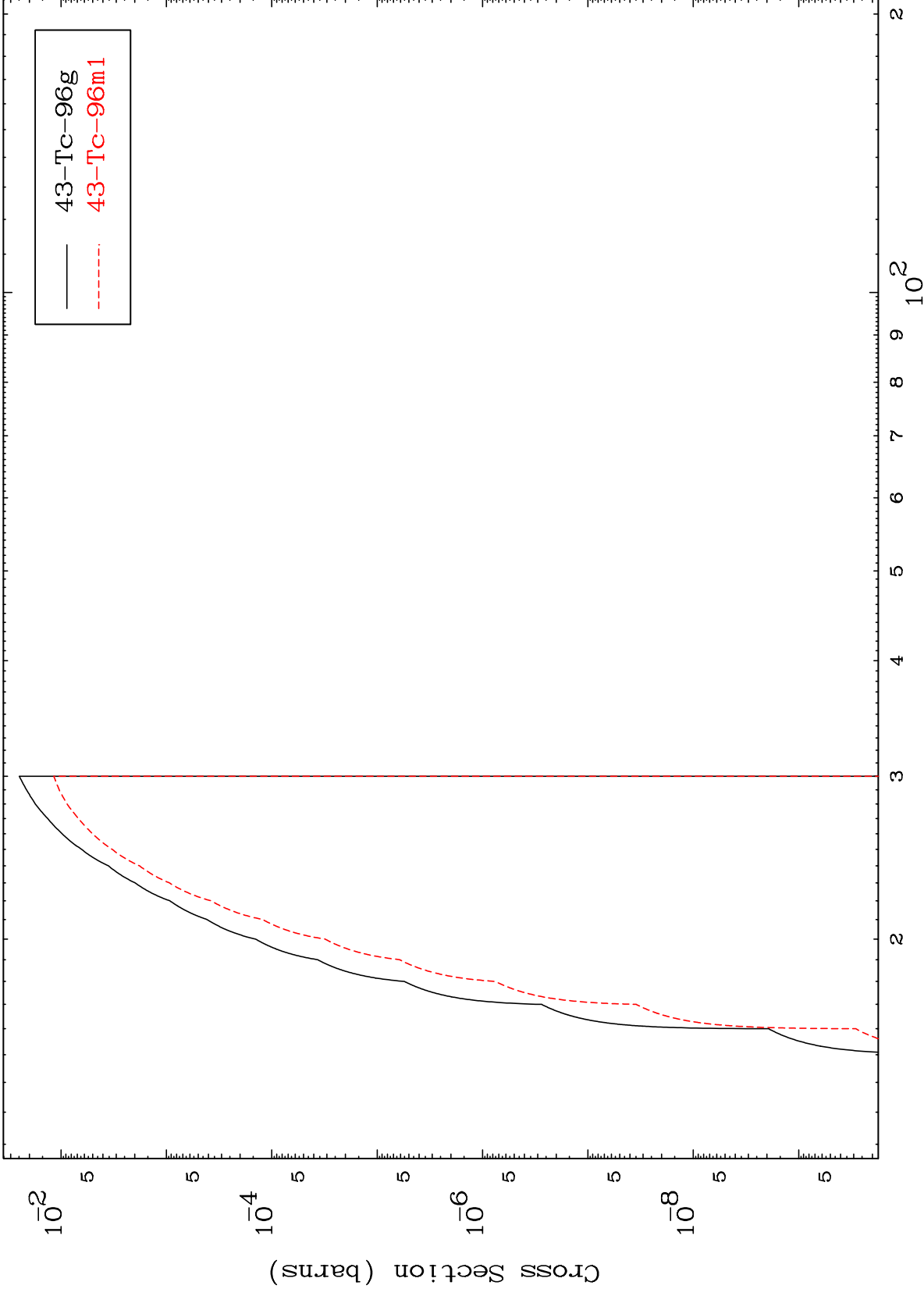
45-Rh-98

MAT 4510

(n,2n) p

45-Rh-98

Radionuclide Production Cross Section



73

Incident Energy (MeV)

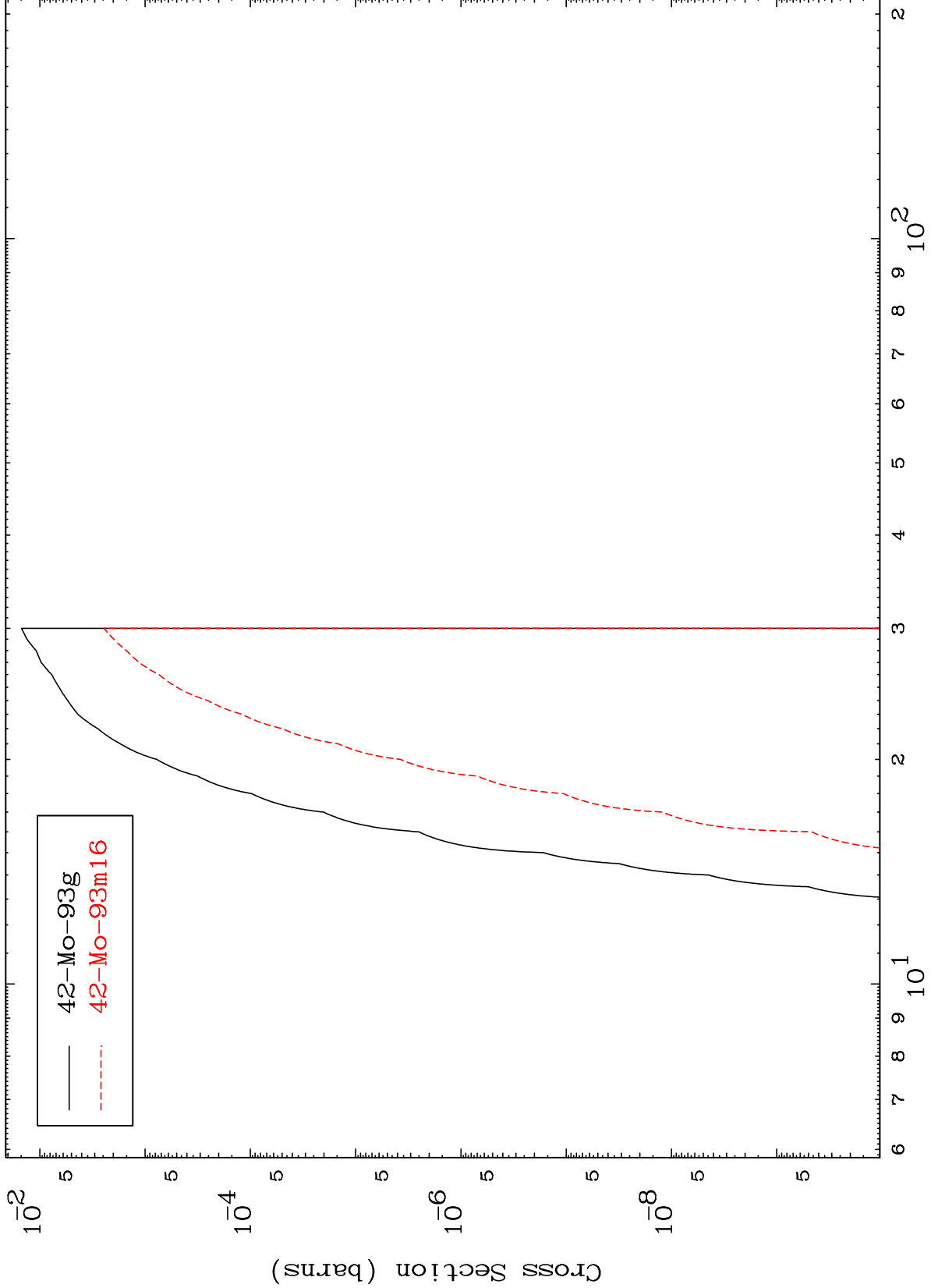
45-Rh-98

MAT 4510

(n,n') p α

45-Rh-98

Radionuclide Production Cross Section



74

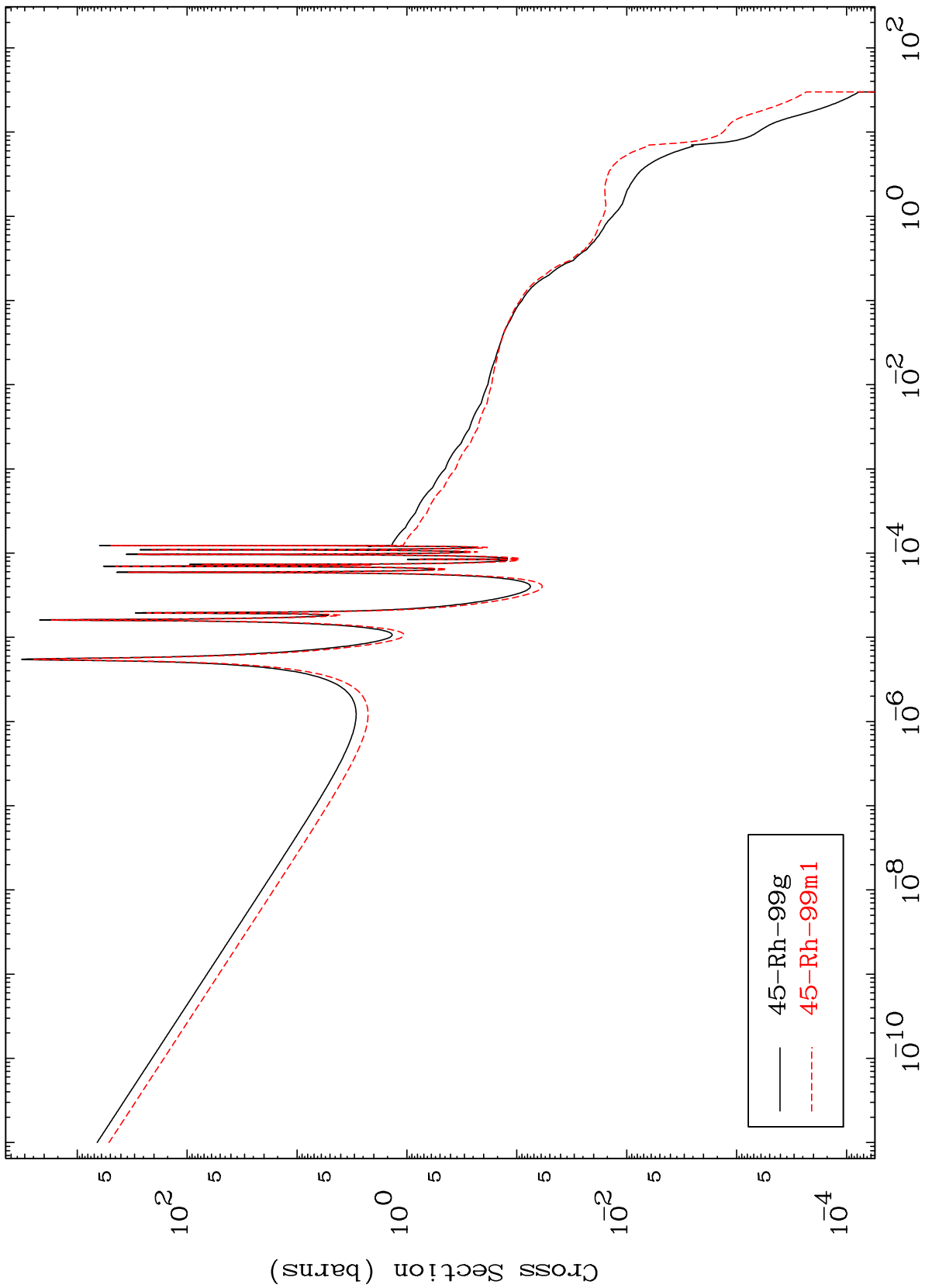
Incident Energy (MeV)

45-Rh-98

MAT 4510

45-Rh-98

(n, γ)
Radionuclide Production Cross Section



75

Incident Energy (MeV)

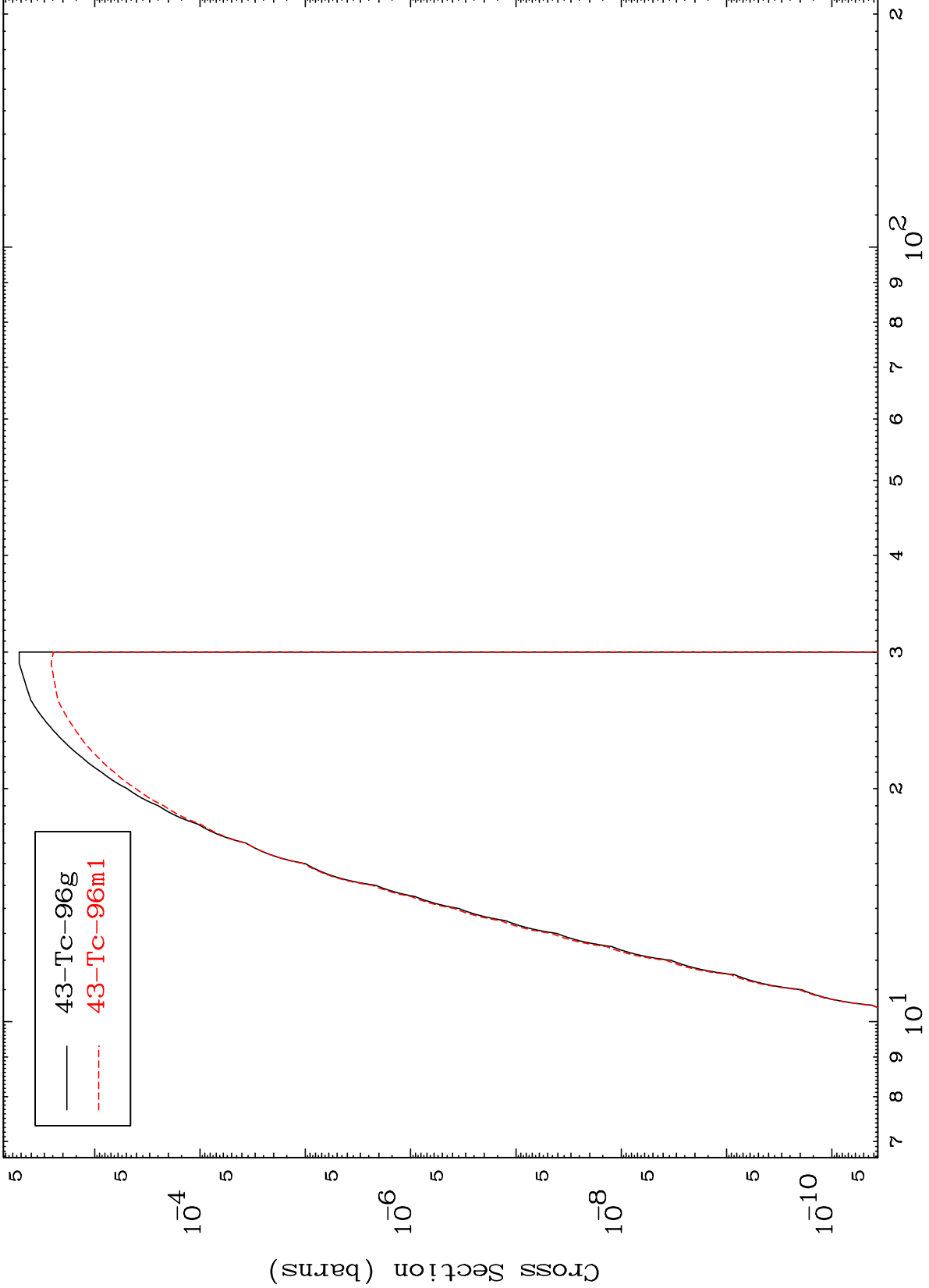
45-Rh-98

MAT 4510

(n,He-3)

45-Rh-98

Radionuclide Production Cross Section



76

Incident Energy (MeV)

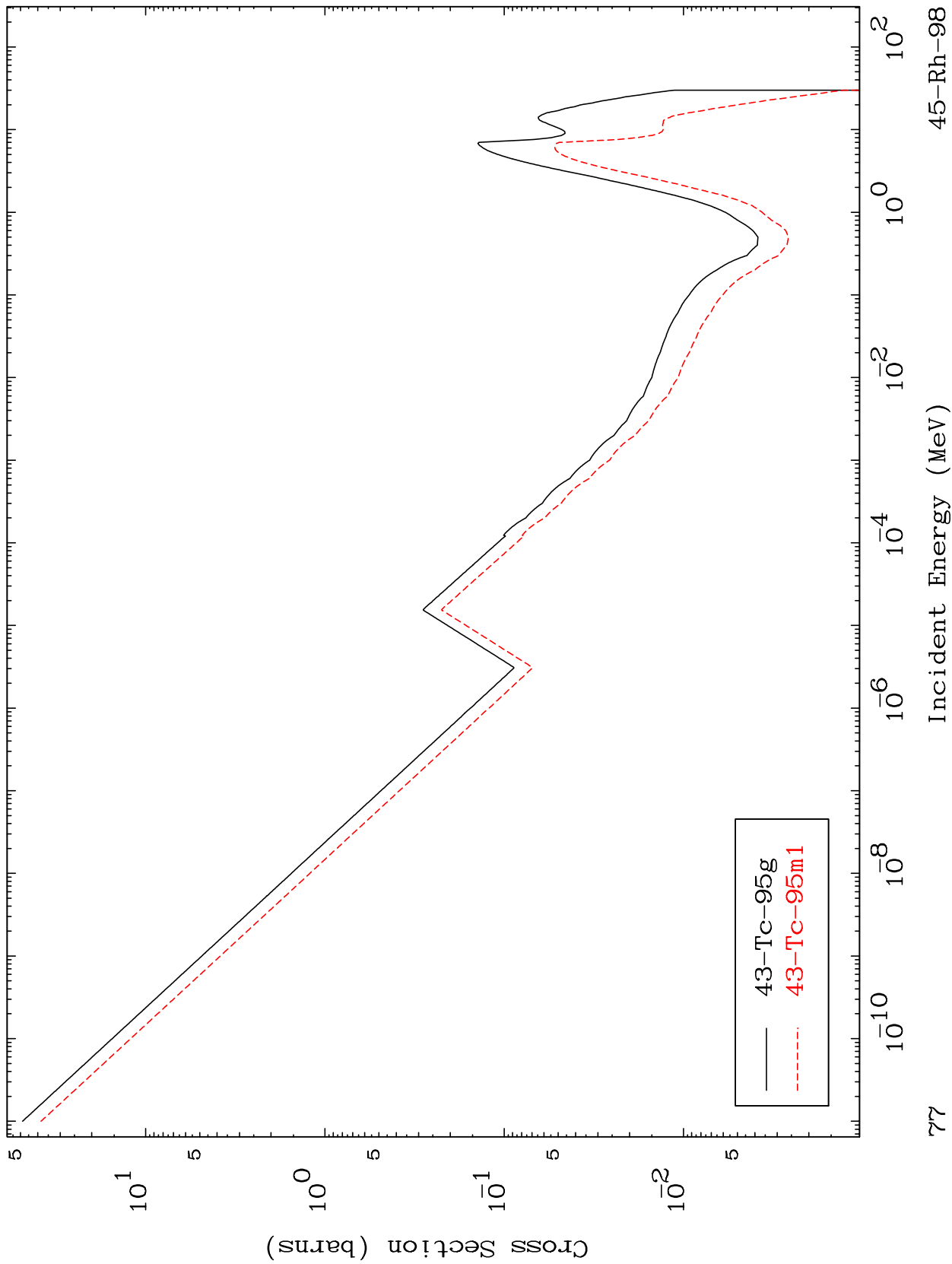
45-Rh-98

MAT 4510

45-Rh-98

Radionuclide Production Cross Section

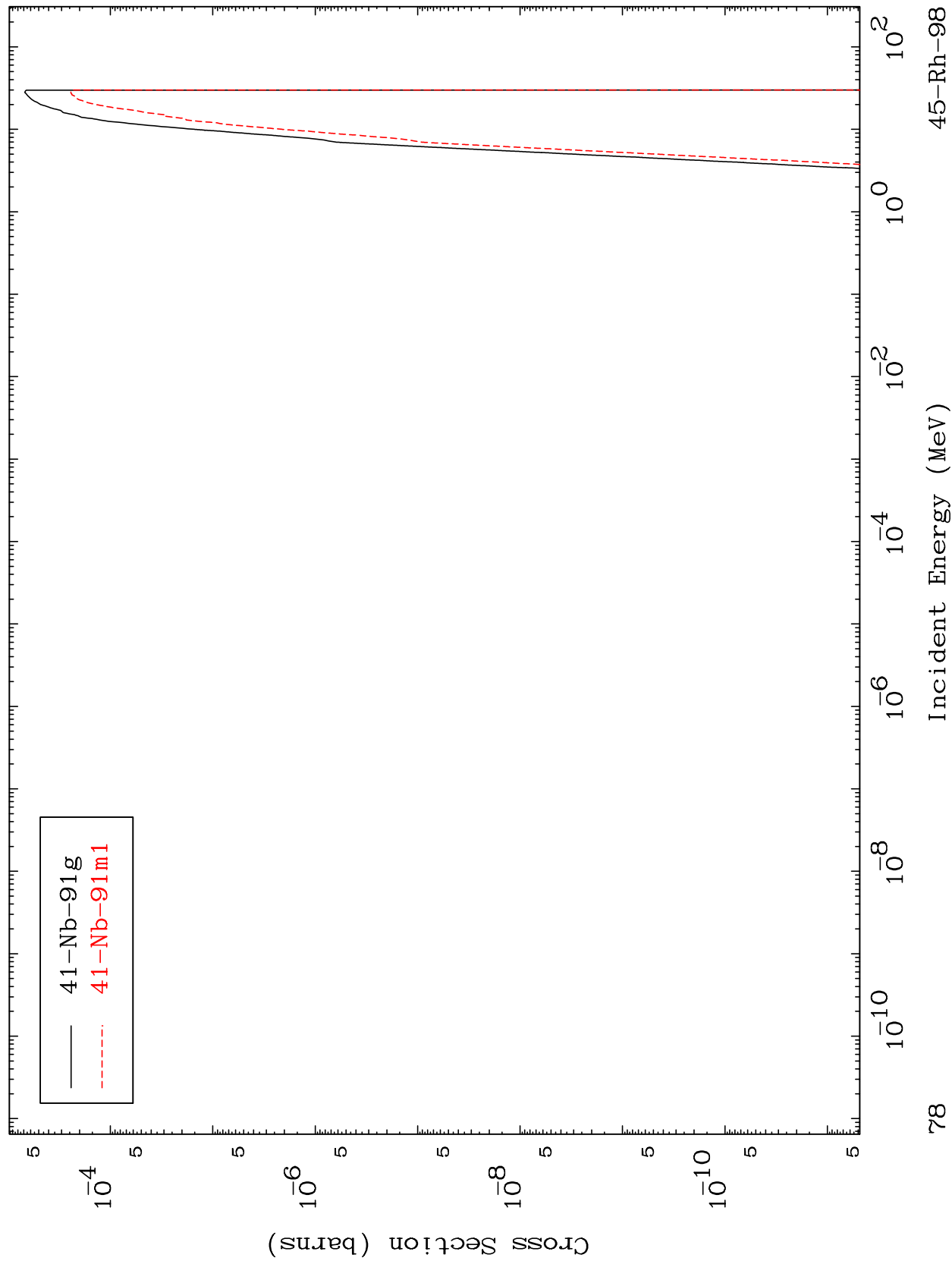
(n, α)



MAT 4510

45-Rh-98

Radionuclide Production Cross Section
(n,2α)

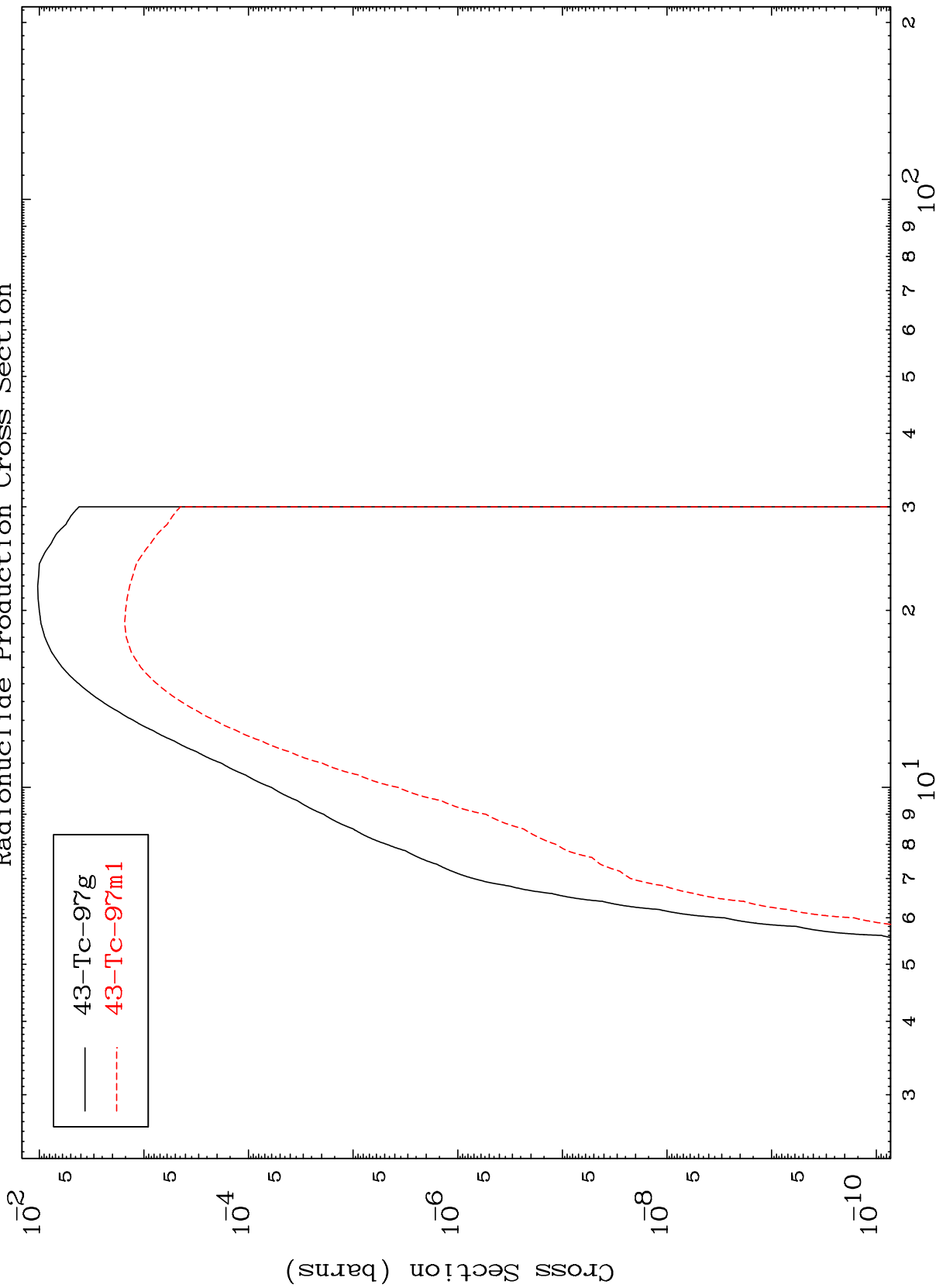


78

MAT 4510

45-Rh-98

(n,2p)
Radionuclide Production Cross Section



— 43-Tc-97g
- - - 43-Tc-97m1

79

Incident Energy (MeV)

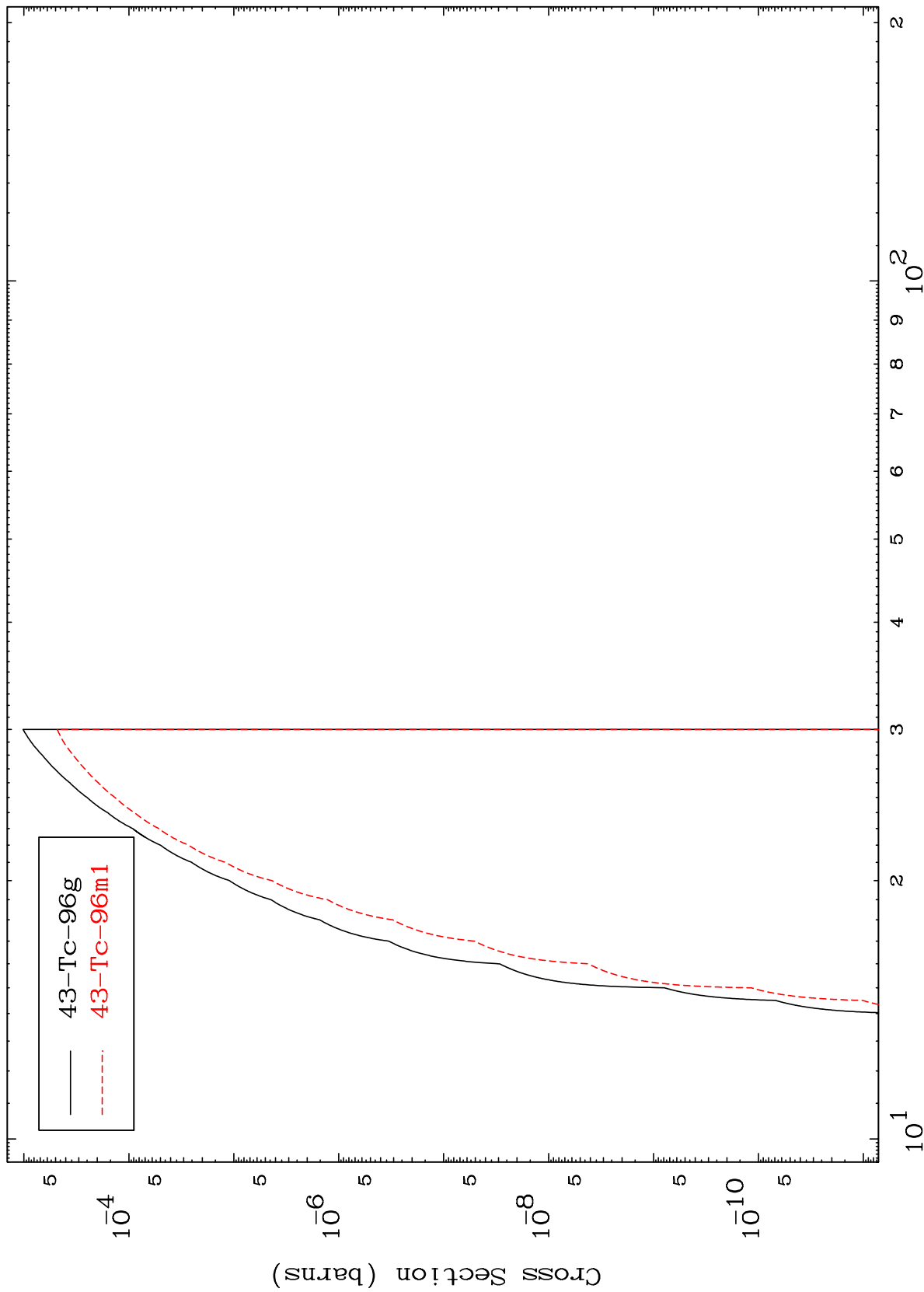
45-Rh-98

MAT 4510

(n,p) d

45-Rh-98

Radionuclide Production Cross Section

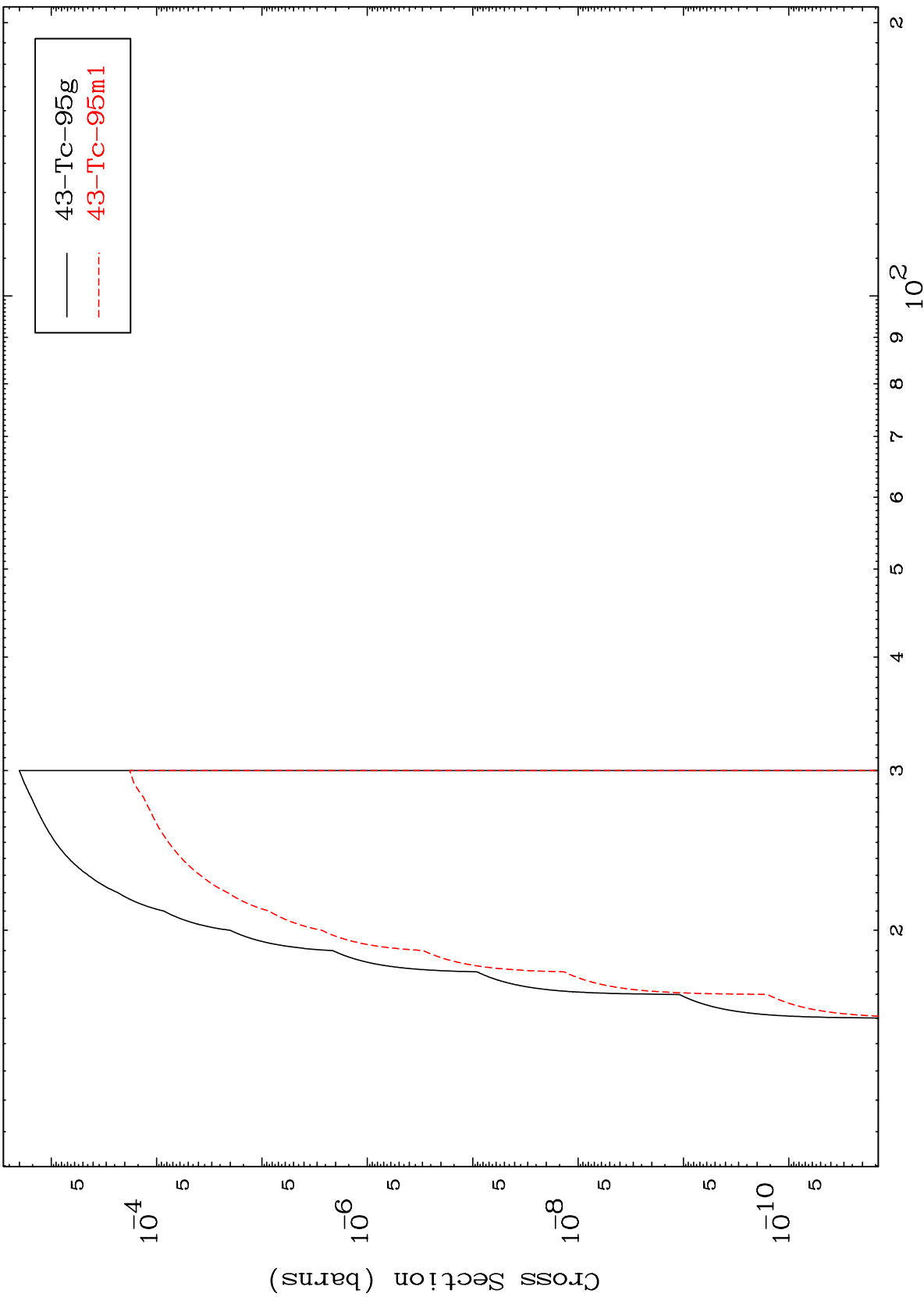


80

Incident Energy (MeV)

45-Rh-98

Radionuclide Production Cross Section



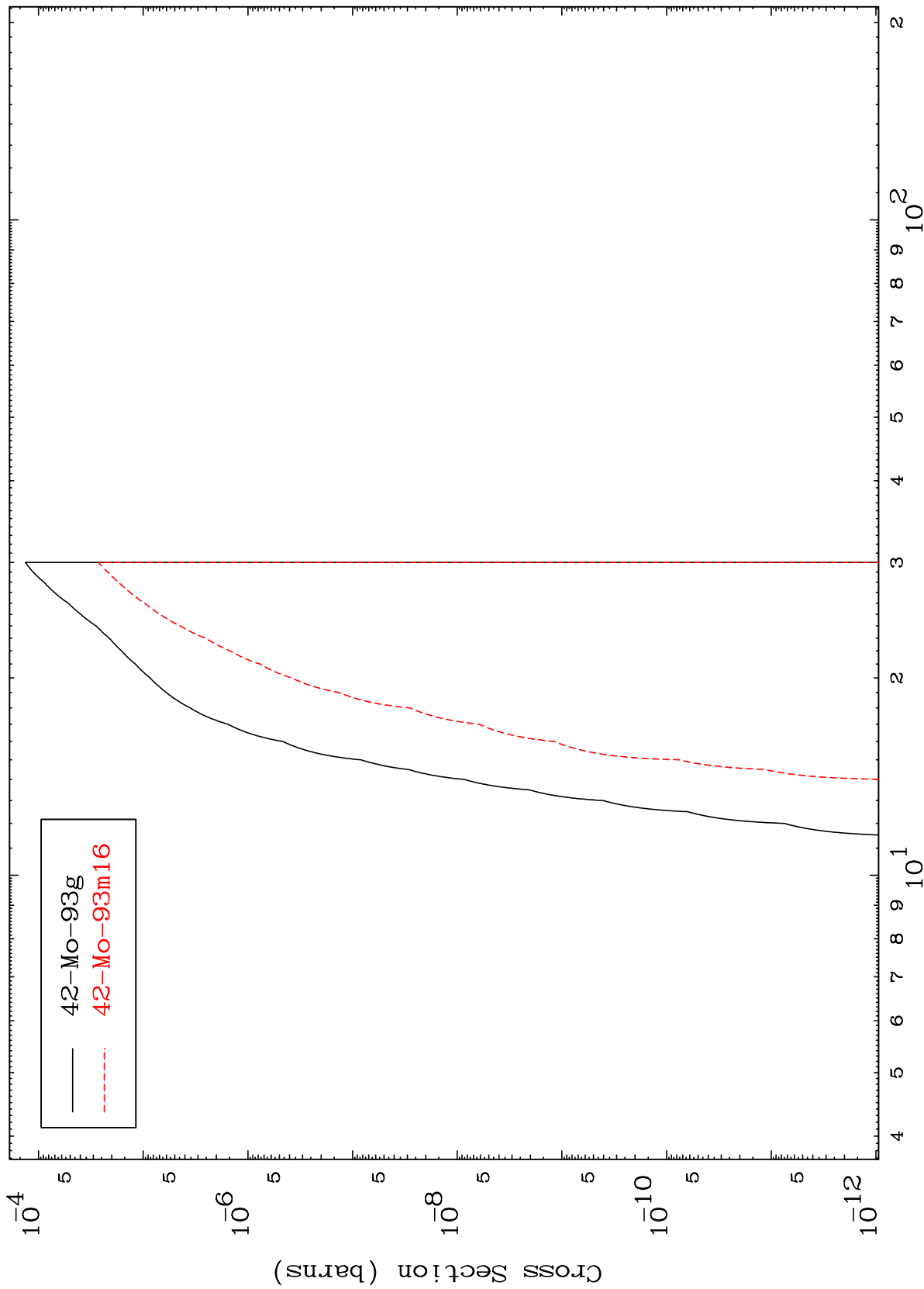
43-Tc-95g
43-Tc-95m1

MAT 4510

(n,d) α

45-Rh-98

Radionuclide Production Cross Section



82

Incident Energy (MeV)

45-Rh-98