

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

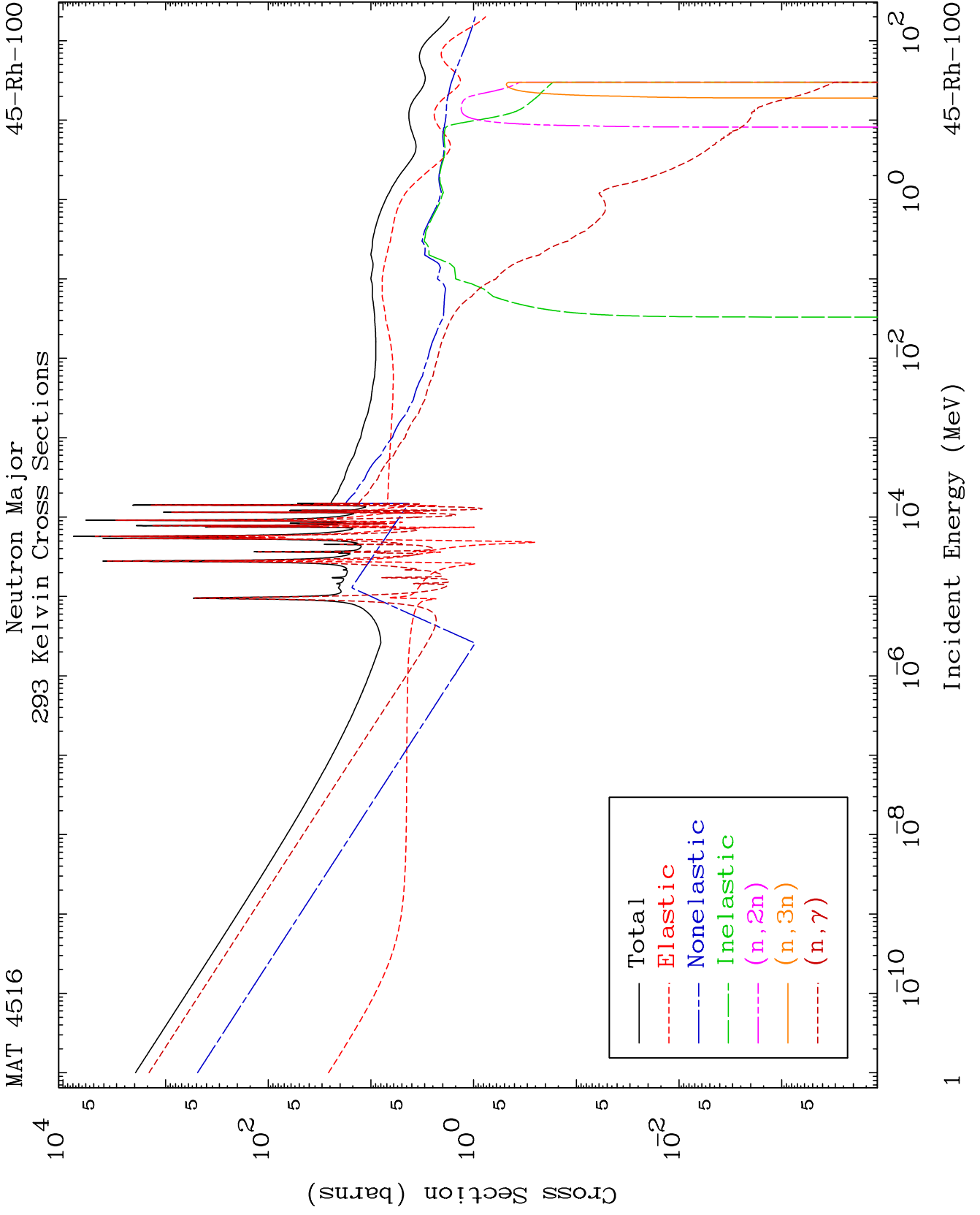
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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

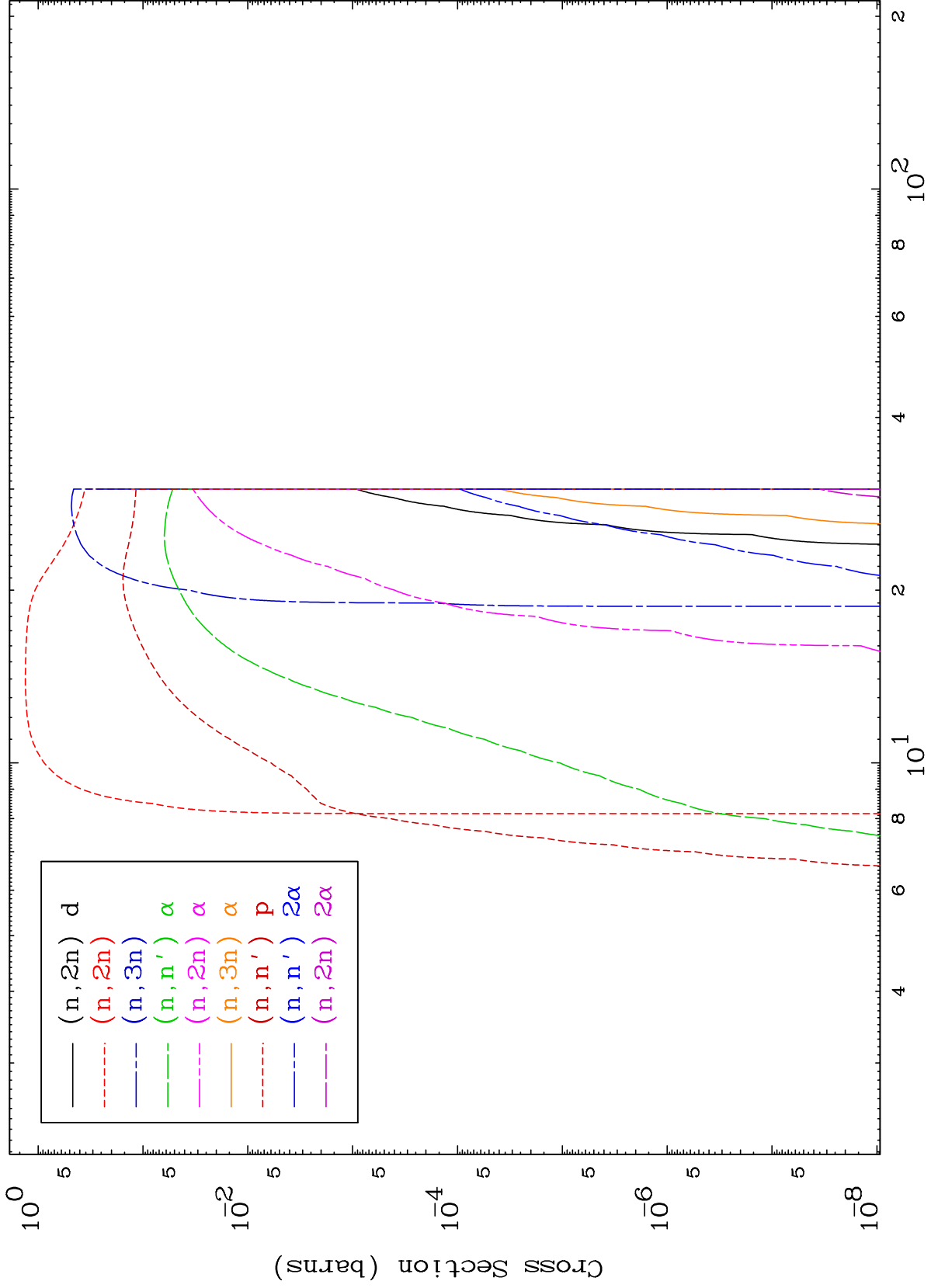
Press Mouse Button to Start



MAT 4516

Neutron Absorption
293 Kelvin Cross Sections

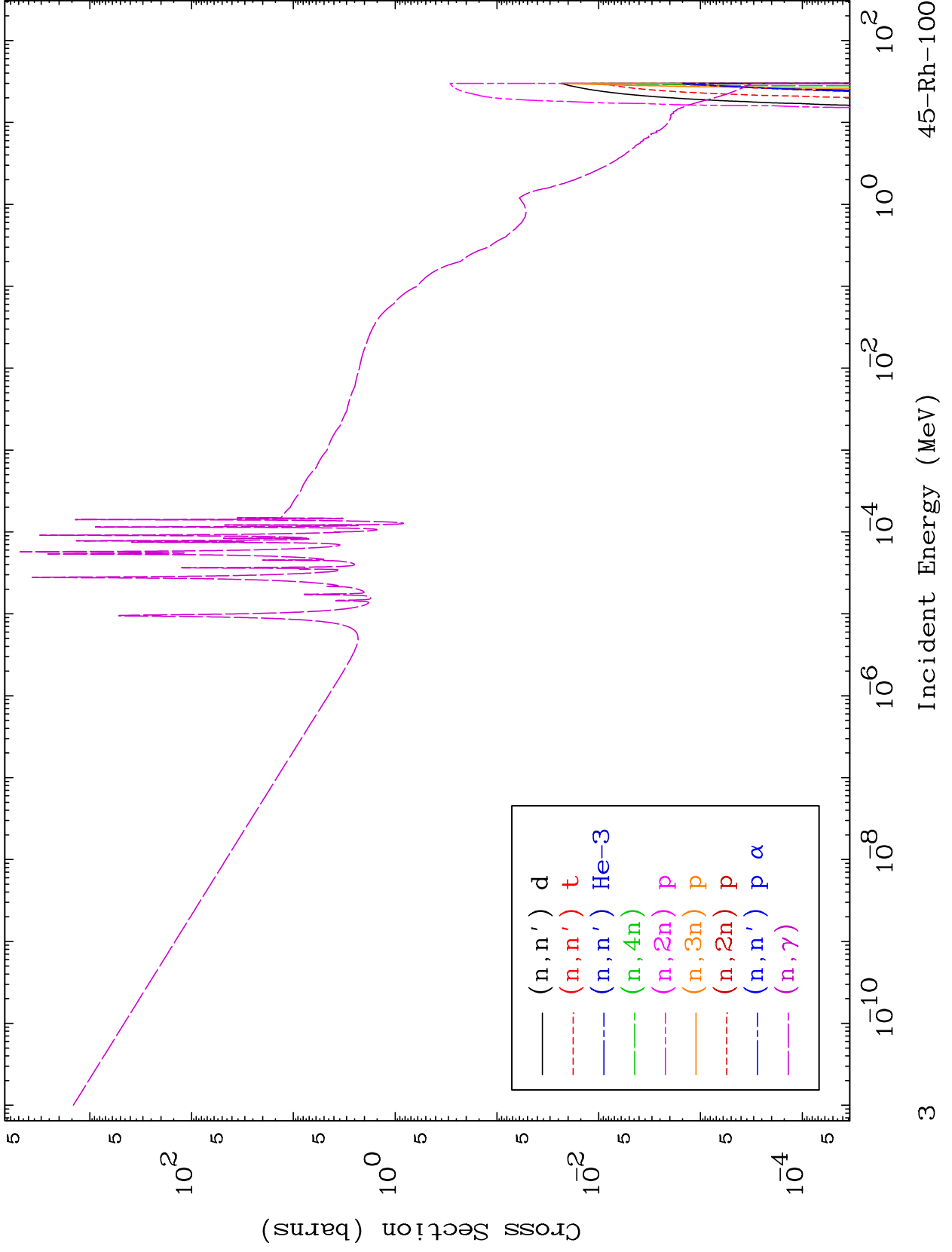
45-Rh-100



MAT 4516

Neutron Absorption
293 Kelvin Cross Sections

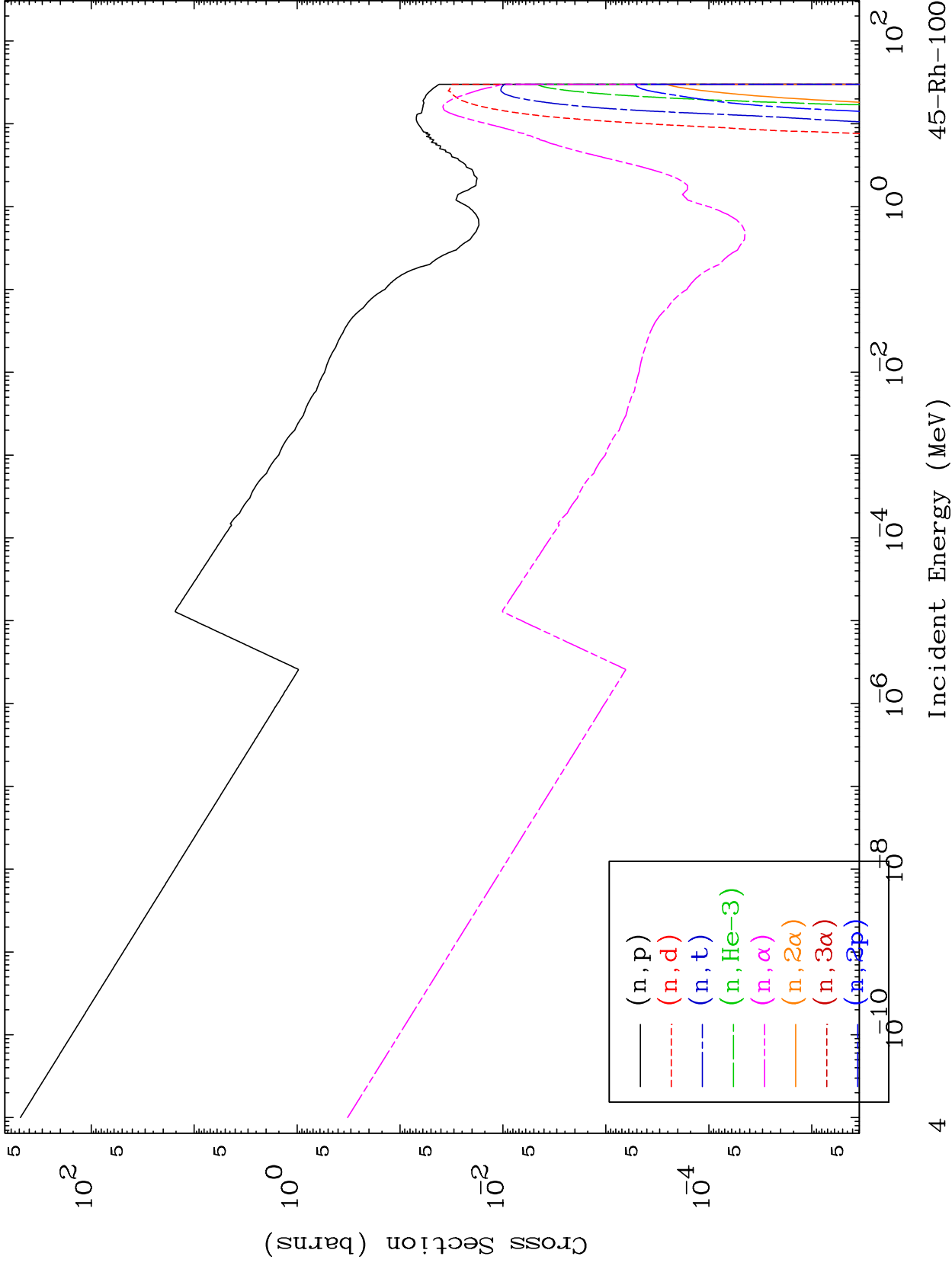
45-Rh-100

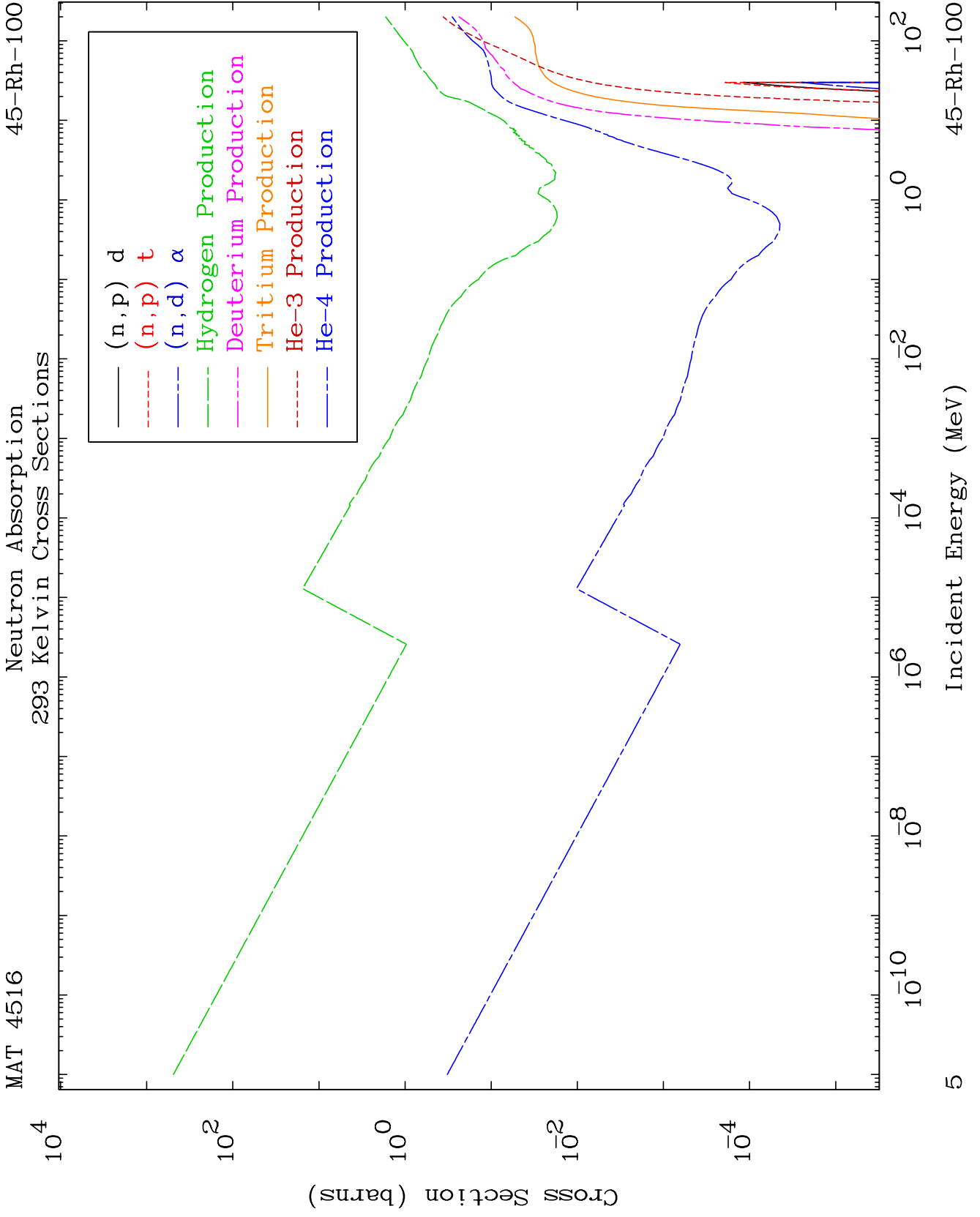


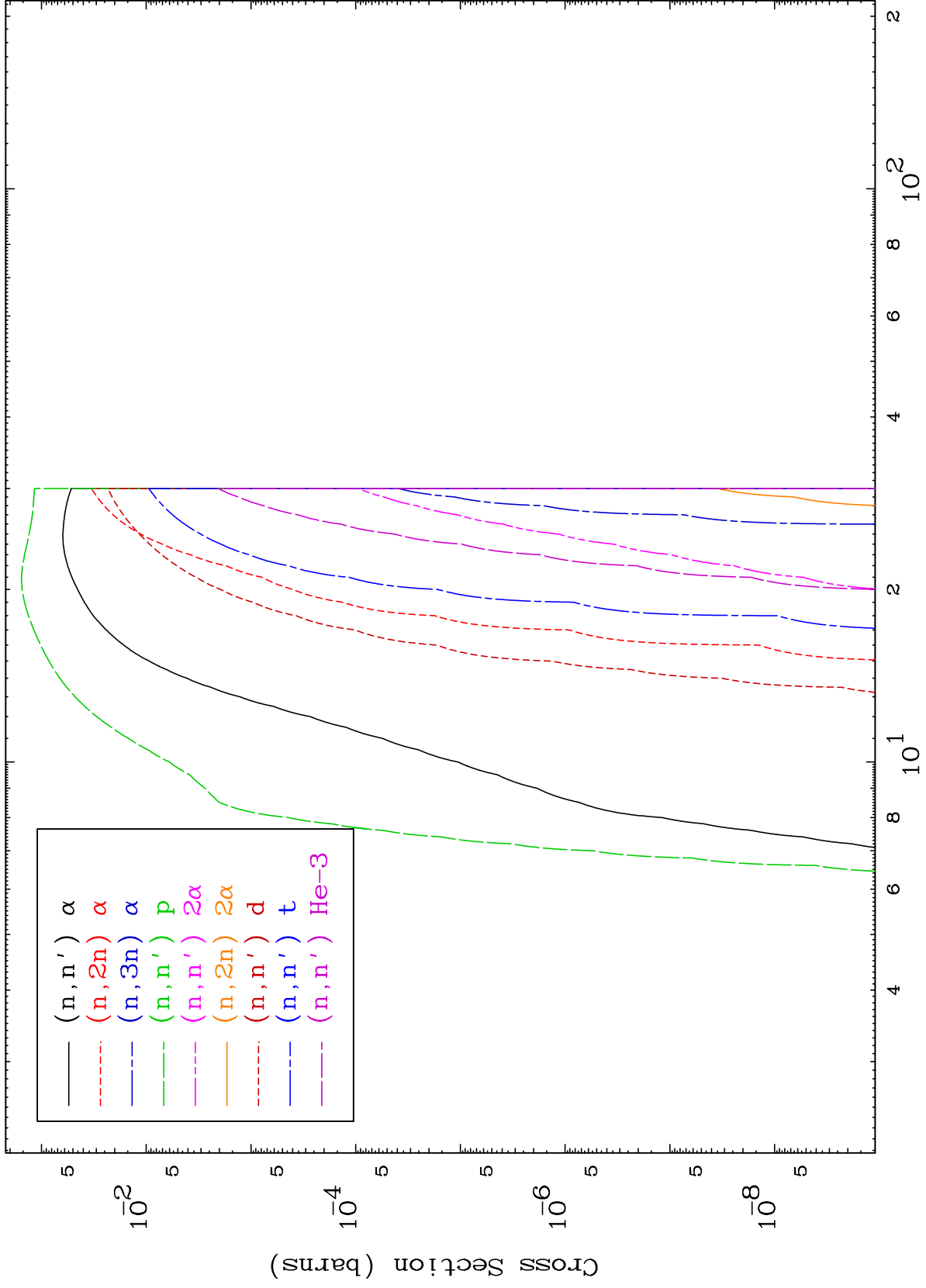
MAT 4516

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-100



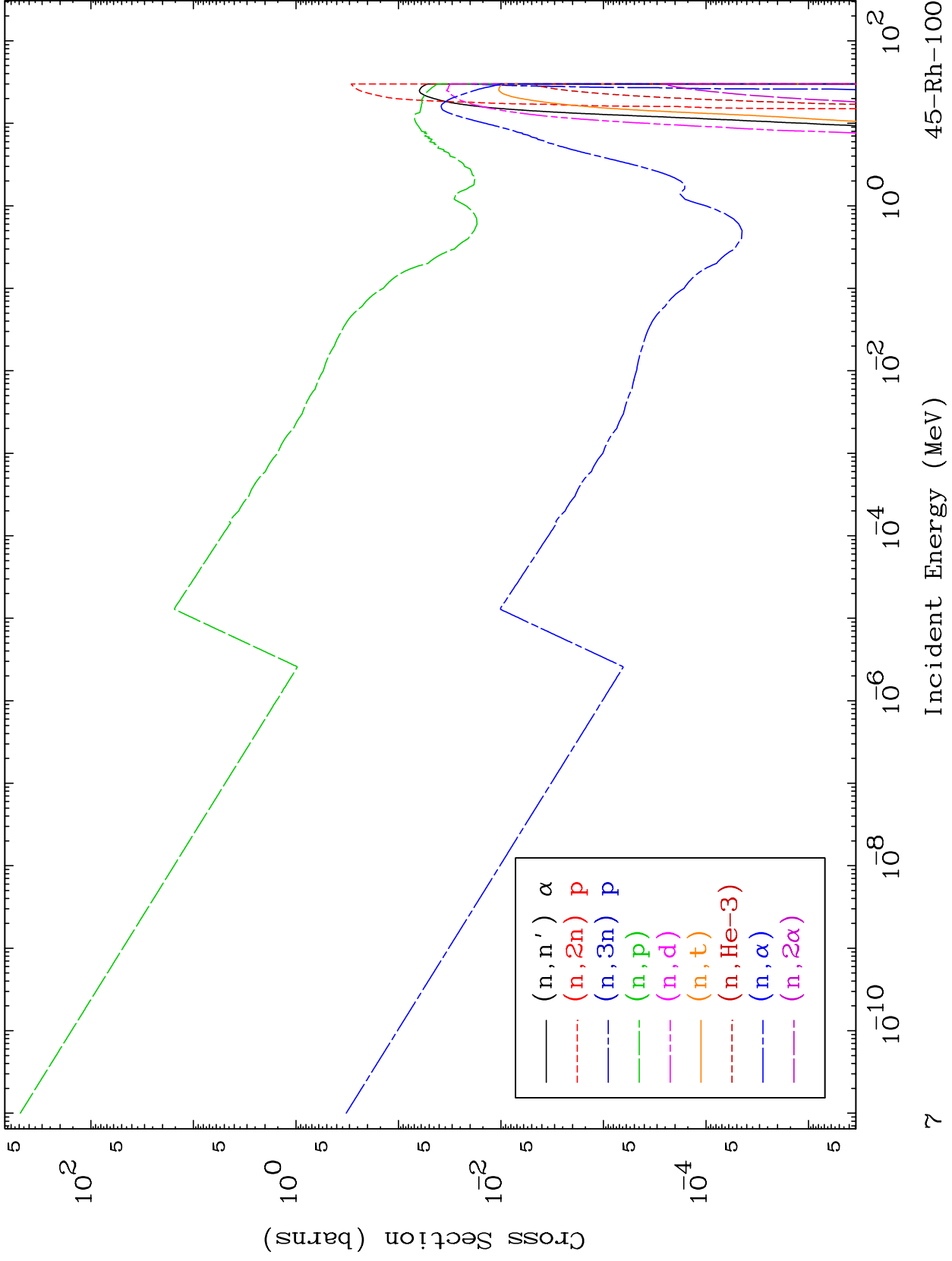




MAT 4516

Charged Particle
293 Kelvin Cross Sections

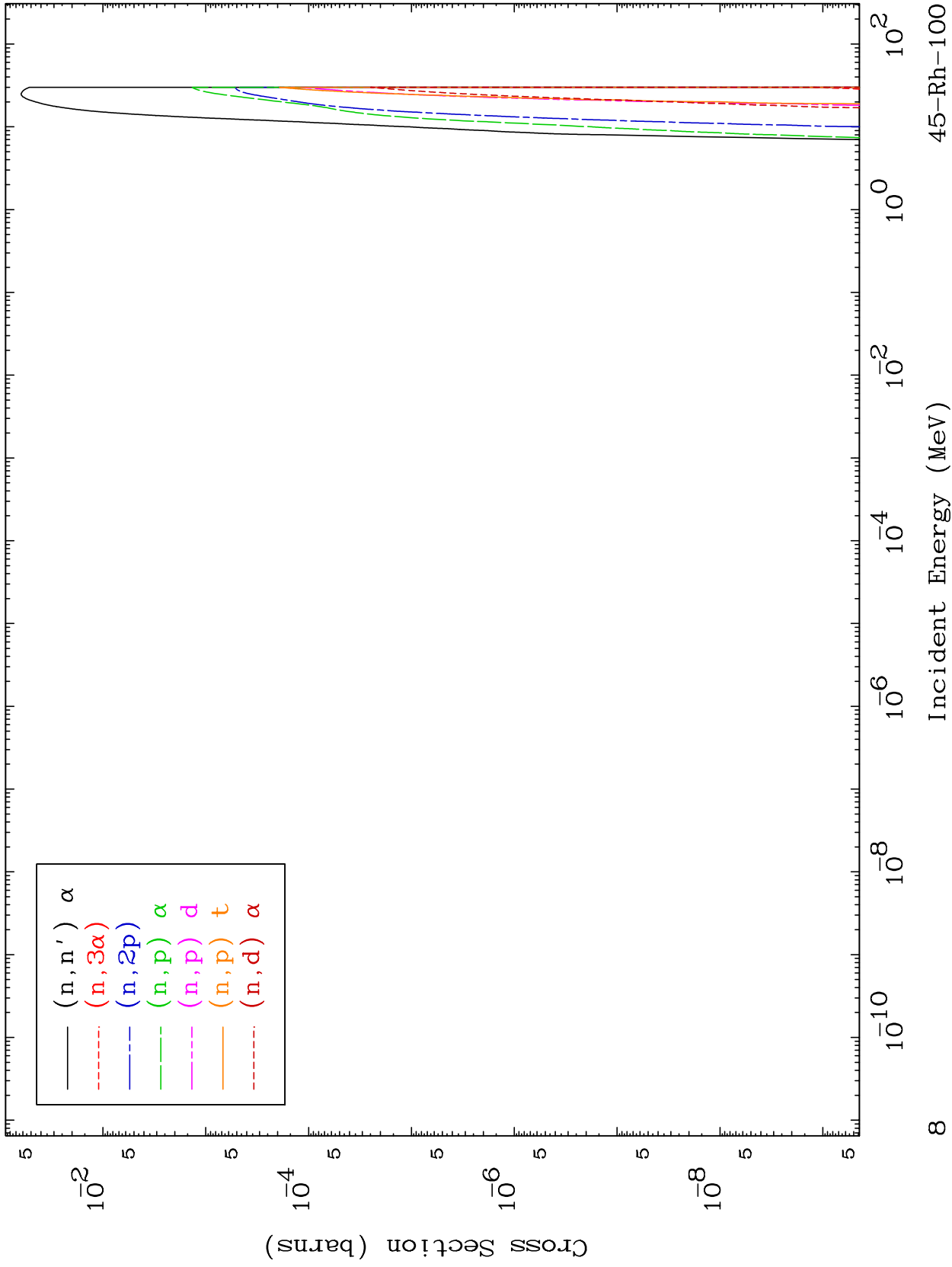
45-Rh-100



MAT 4516

Charged Particle
293 Kelvin Cross Sections

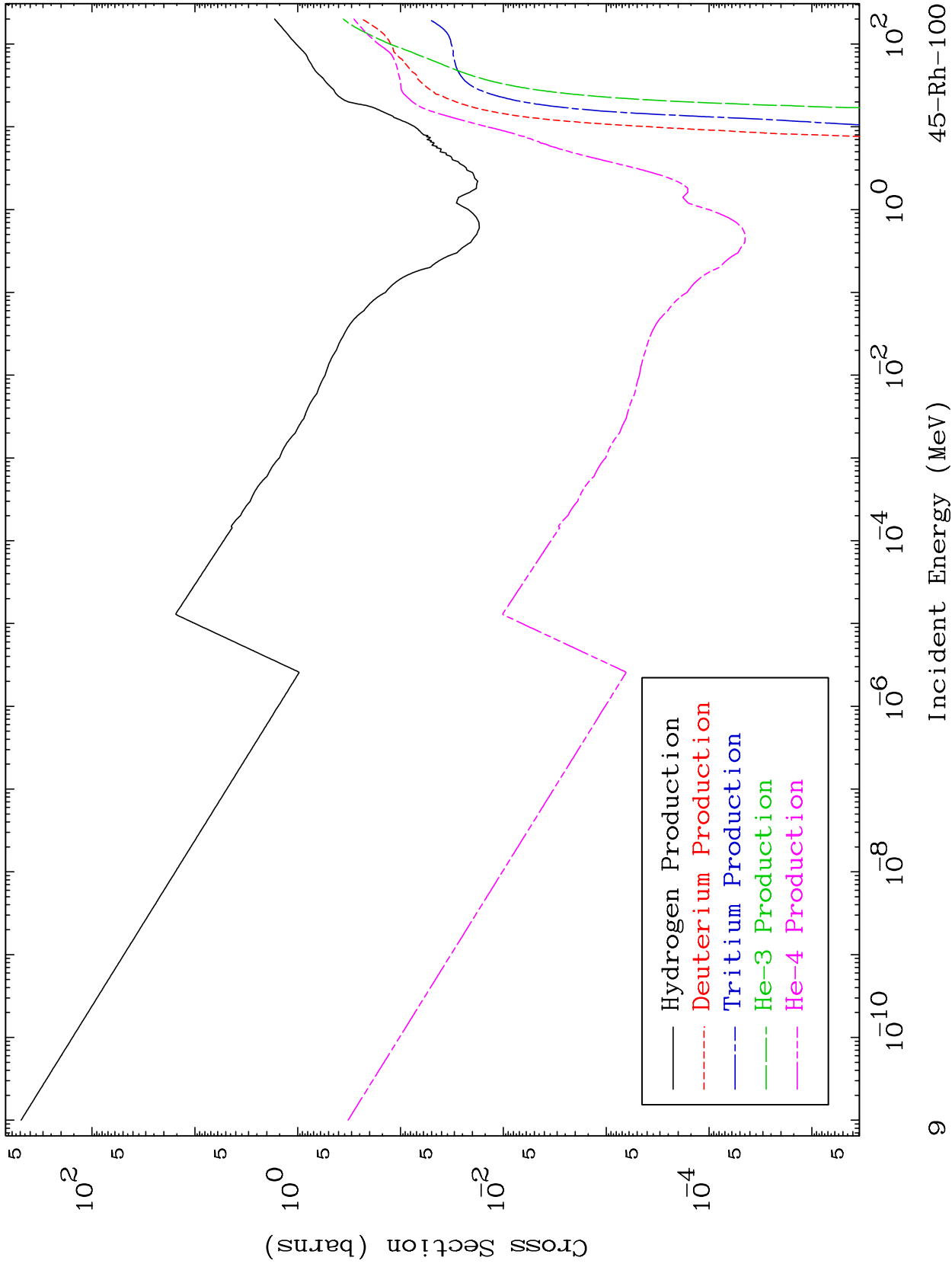
45-Rh-100



MAT 4516

Particle Production
293 Kelvin Cross Sections

45-Rh-100

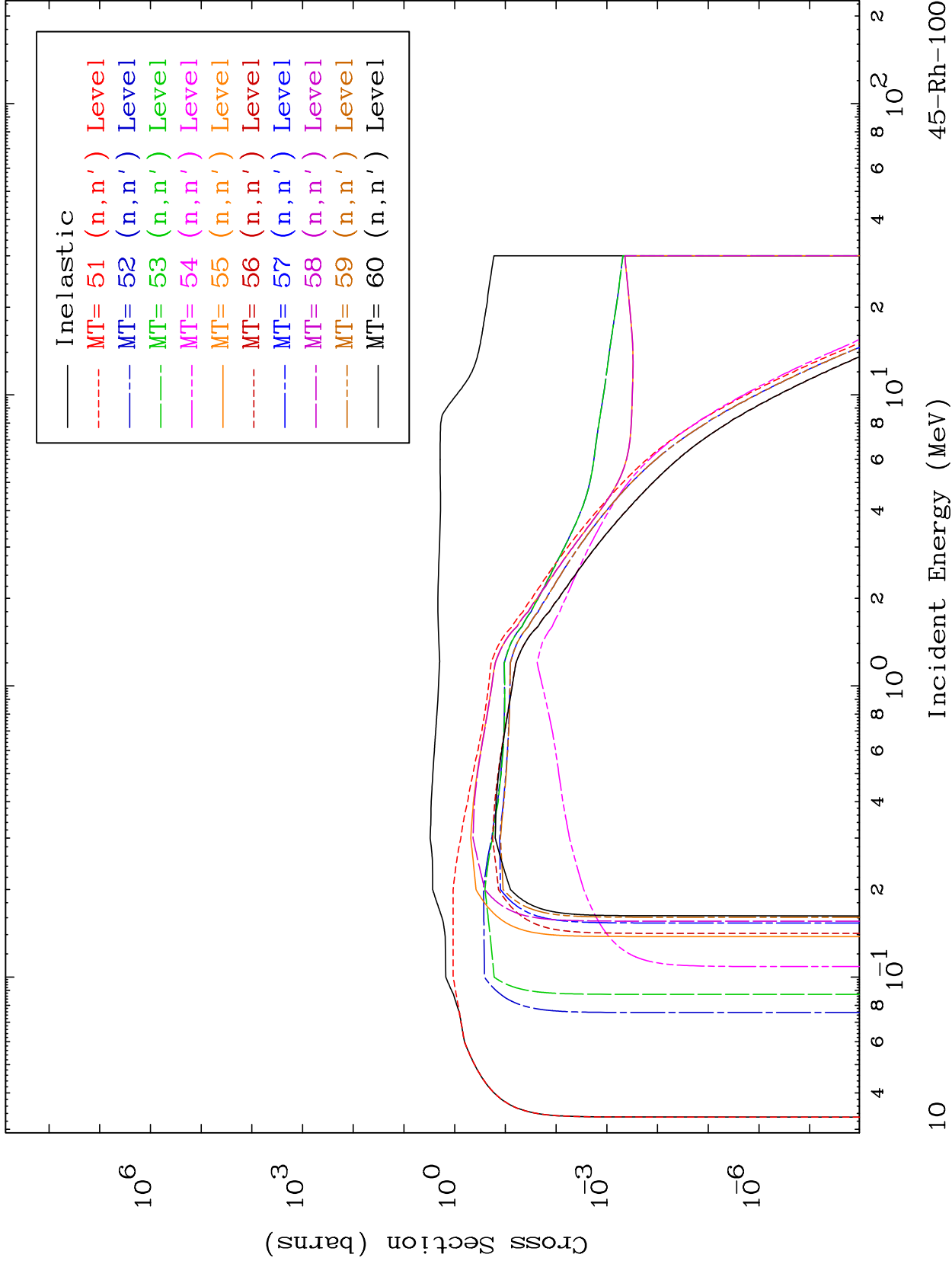


MAT 4516

(n,n') Levels

45-Rh-100

293 Kelvin Cross Sections



10

Incident Energy (MeV)

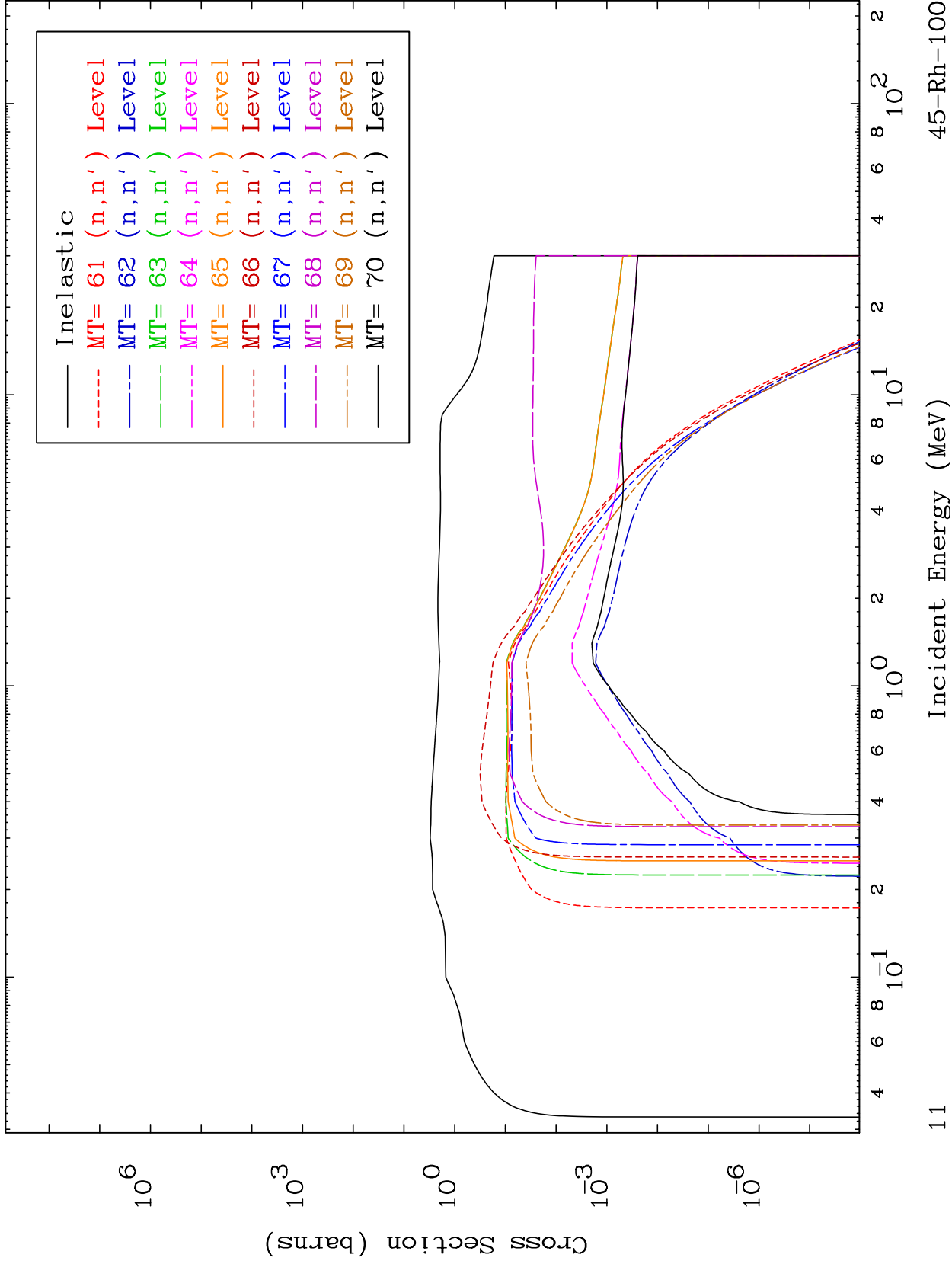
45-Rh-100

MAT 4516

(n,n') Levels

45-Rh-100

293 Kelvin Cross Sections

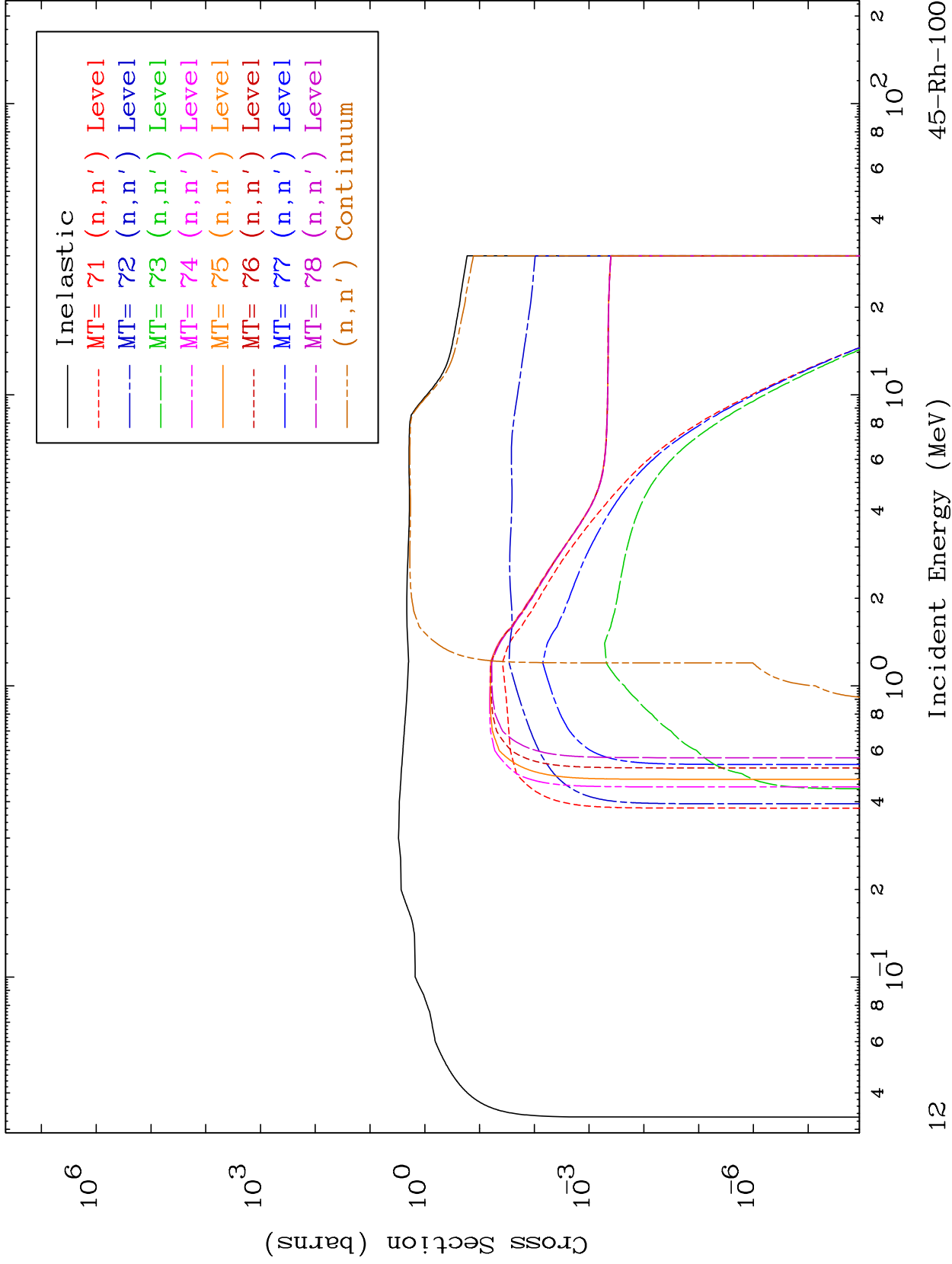


MAT 4516

(n,n') Levels

293 Kelvin Cross Sections

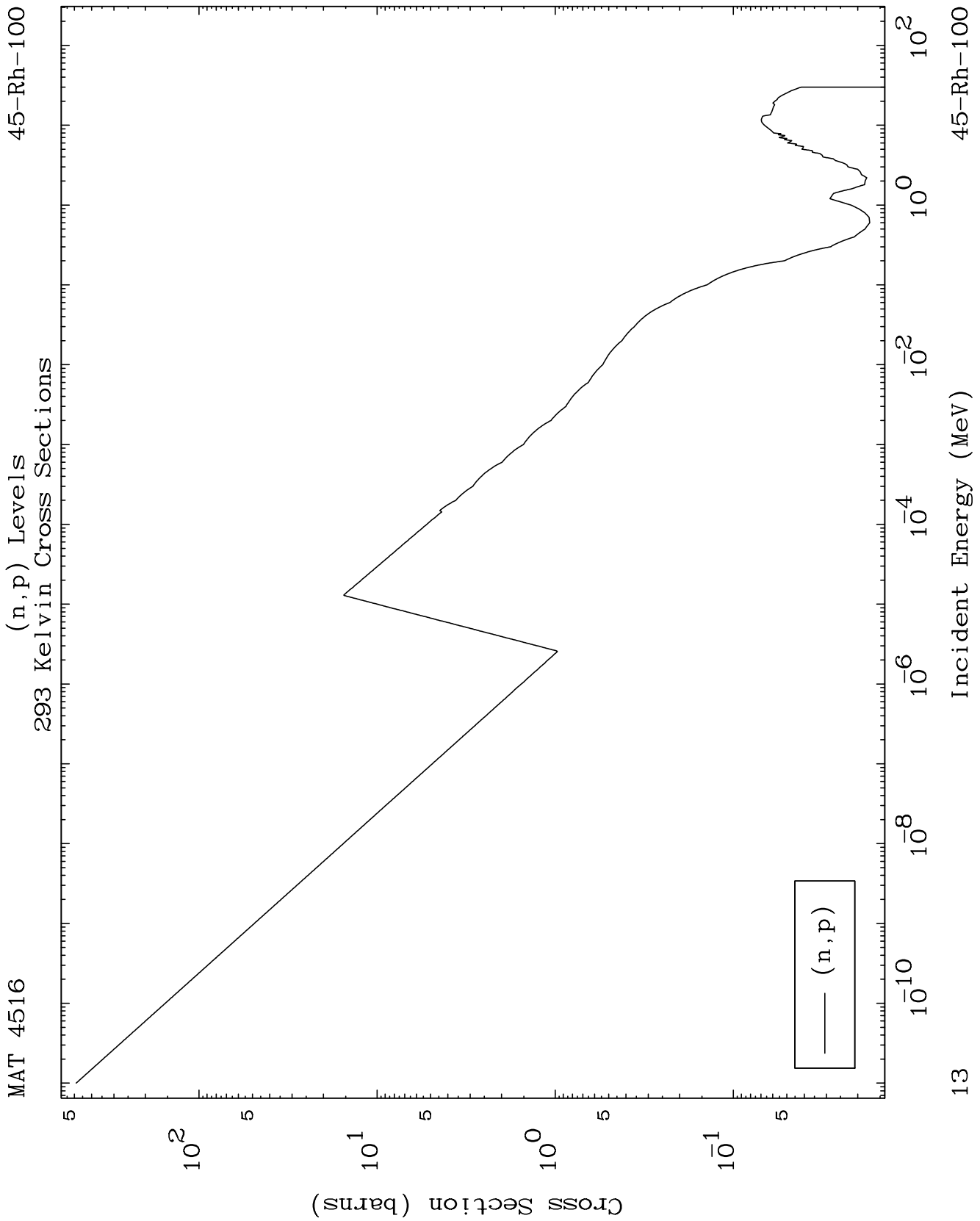
45-Rh-100



12

Incident Energy (MeV)

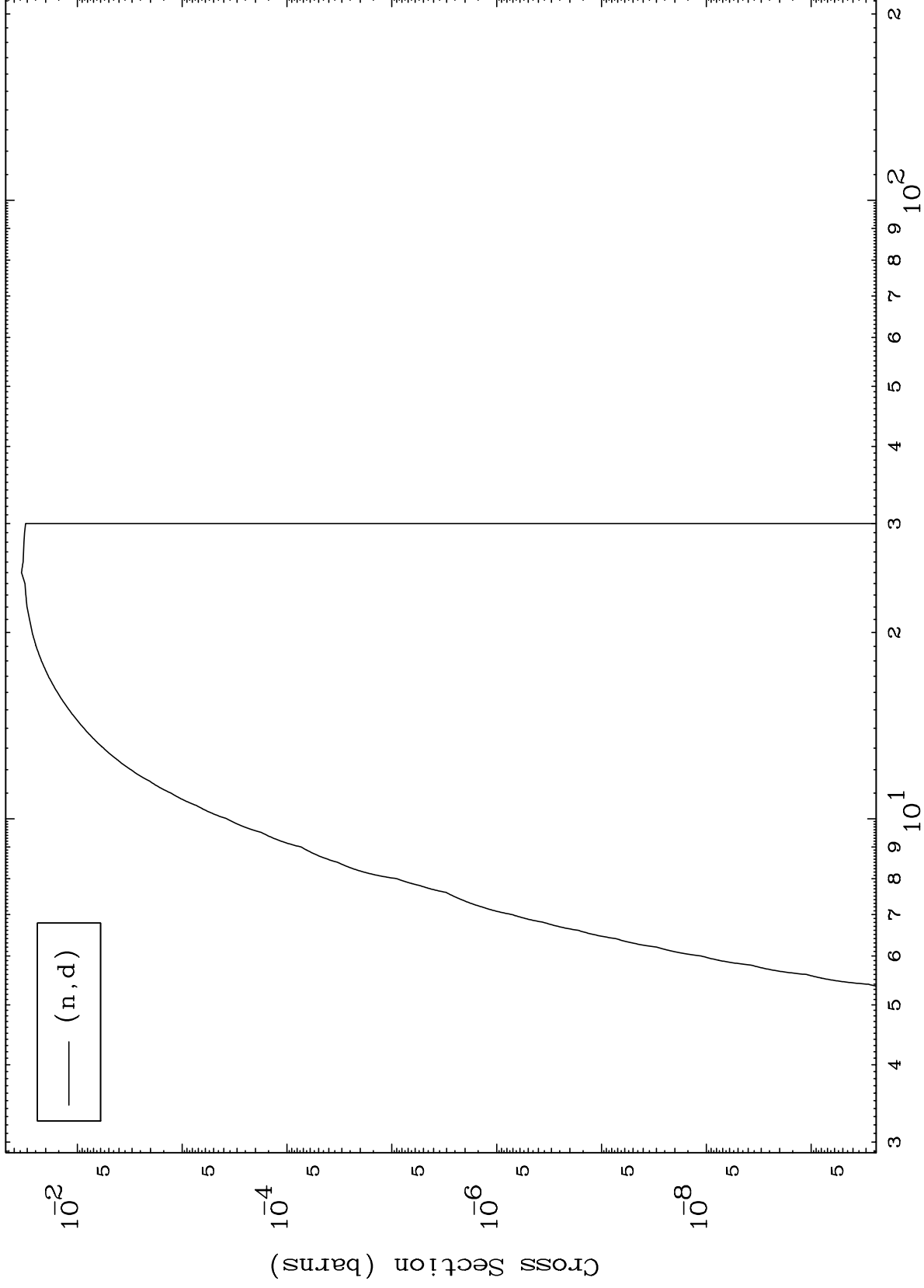
45-Rh-100



MAT 4516

(n,d) Levels
293 Kelvin Cross Sections

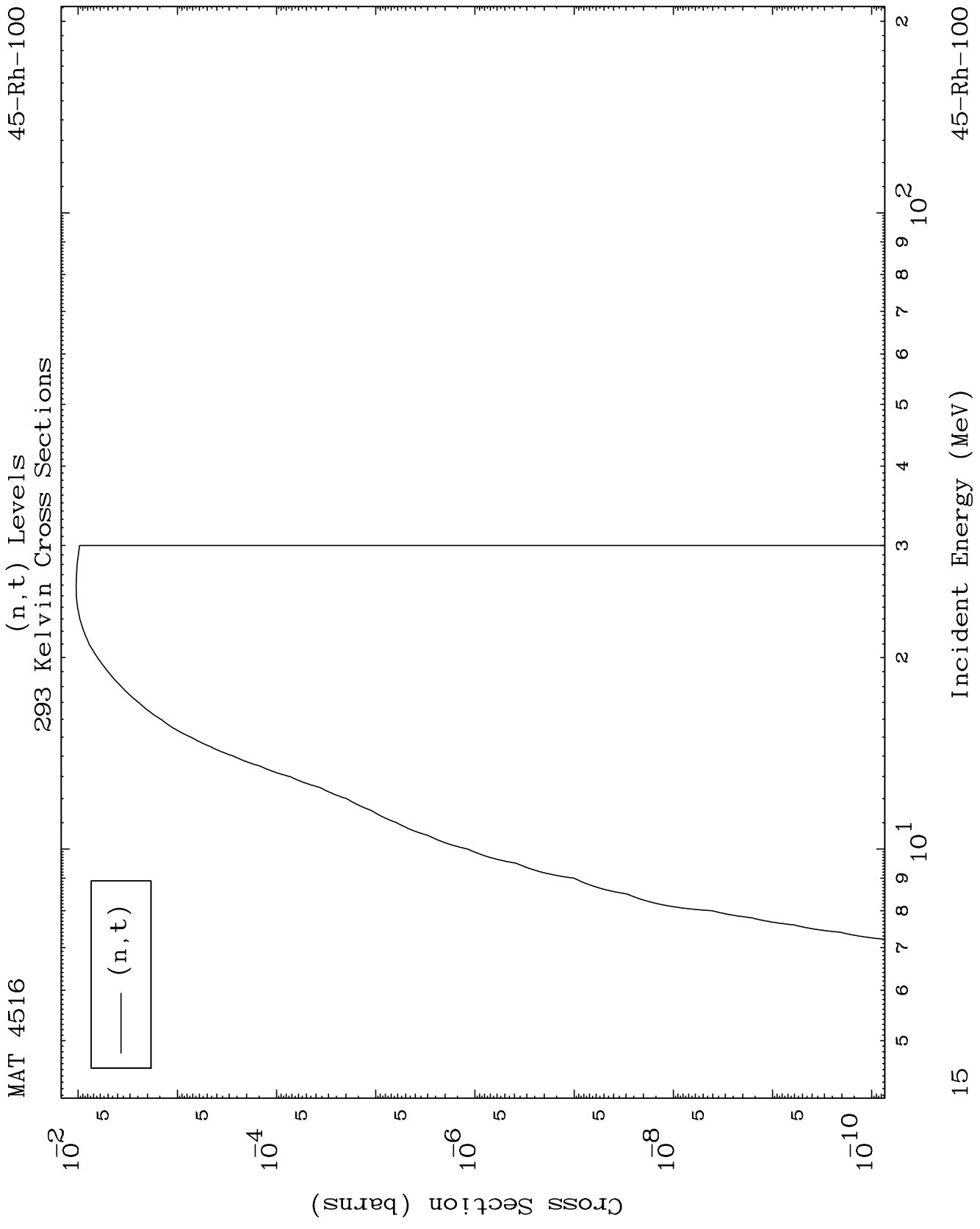
45-Rh-100



14

Incident Energy (MeV)

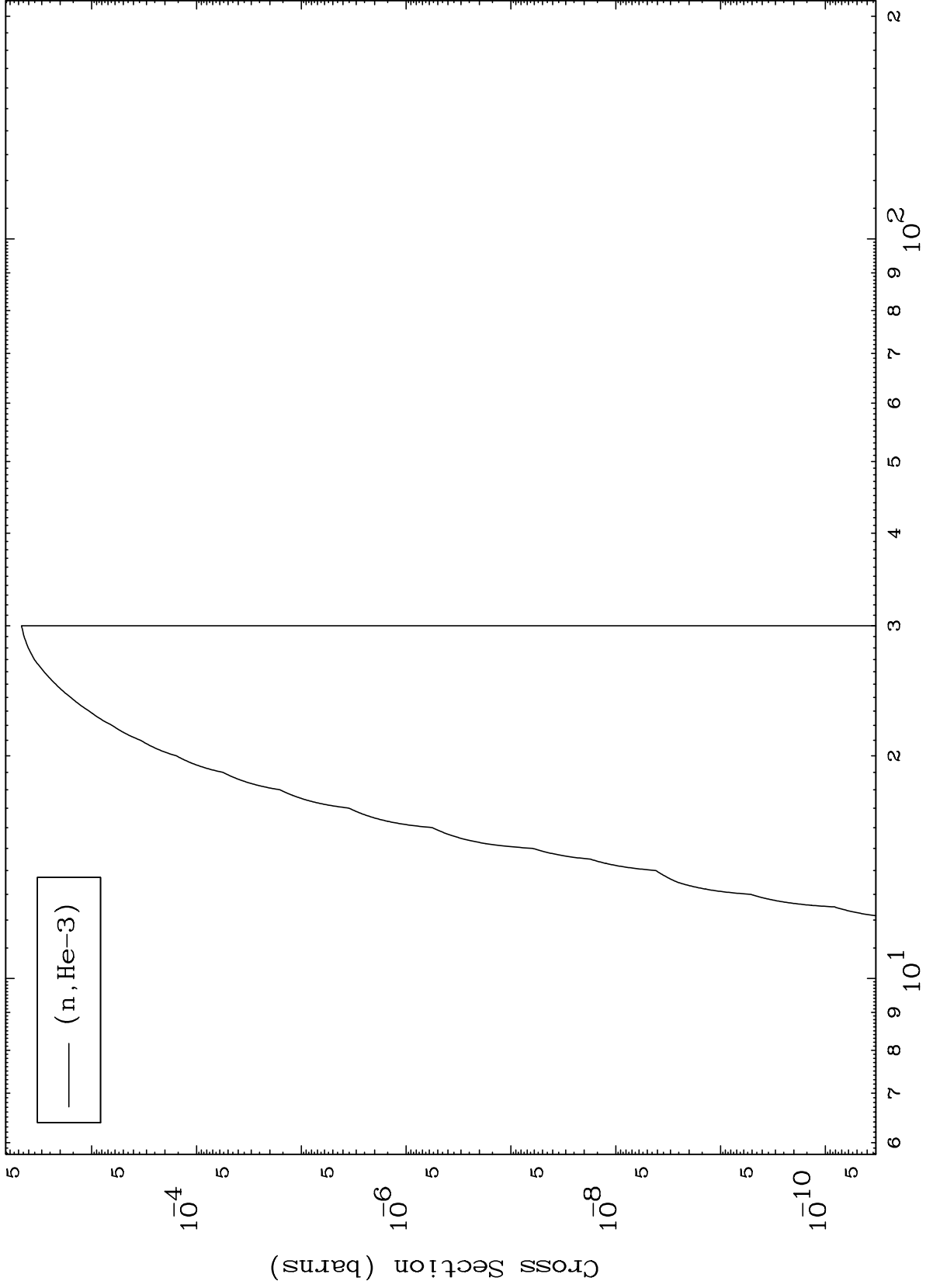
45-Rh-100



MAT 4516

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-100



16

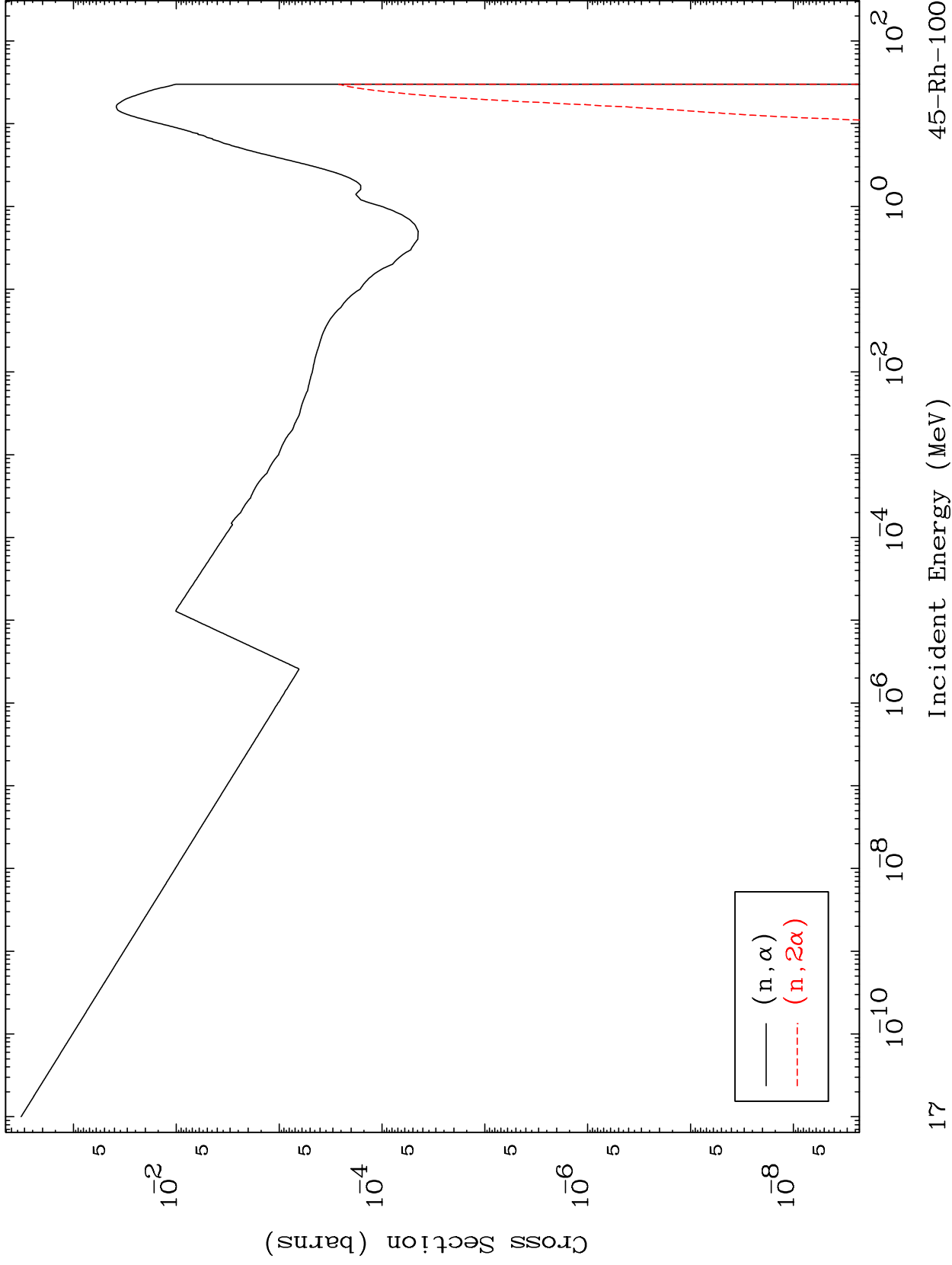
Incident Energy (MeV)

45-Rh-100

MAT 4516

(n, α) Levels
293 Kelvin Cross Sections

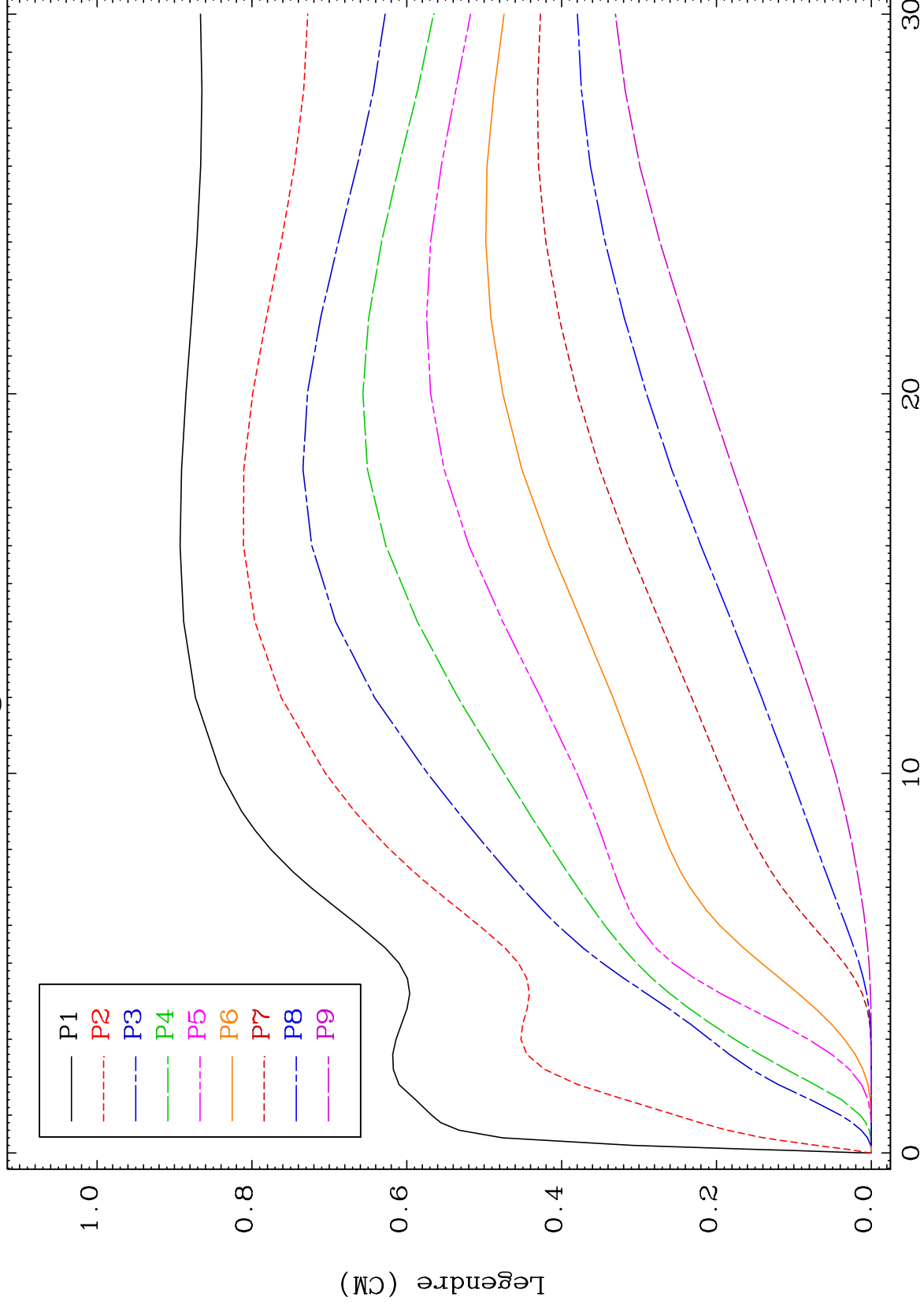
45-Rh-100



MAT 4516

Elastic Legendre Coefficients

45-Rh-100



18

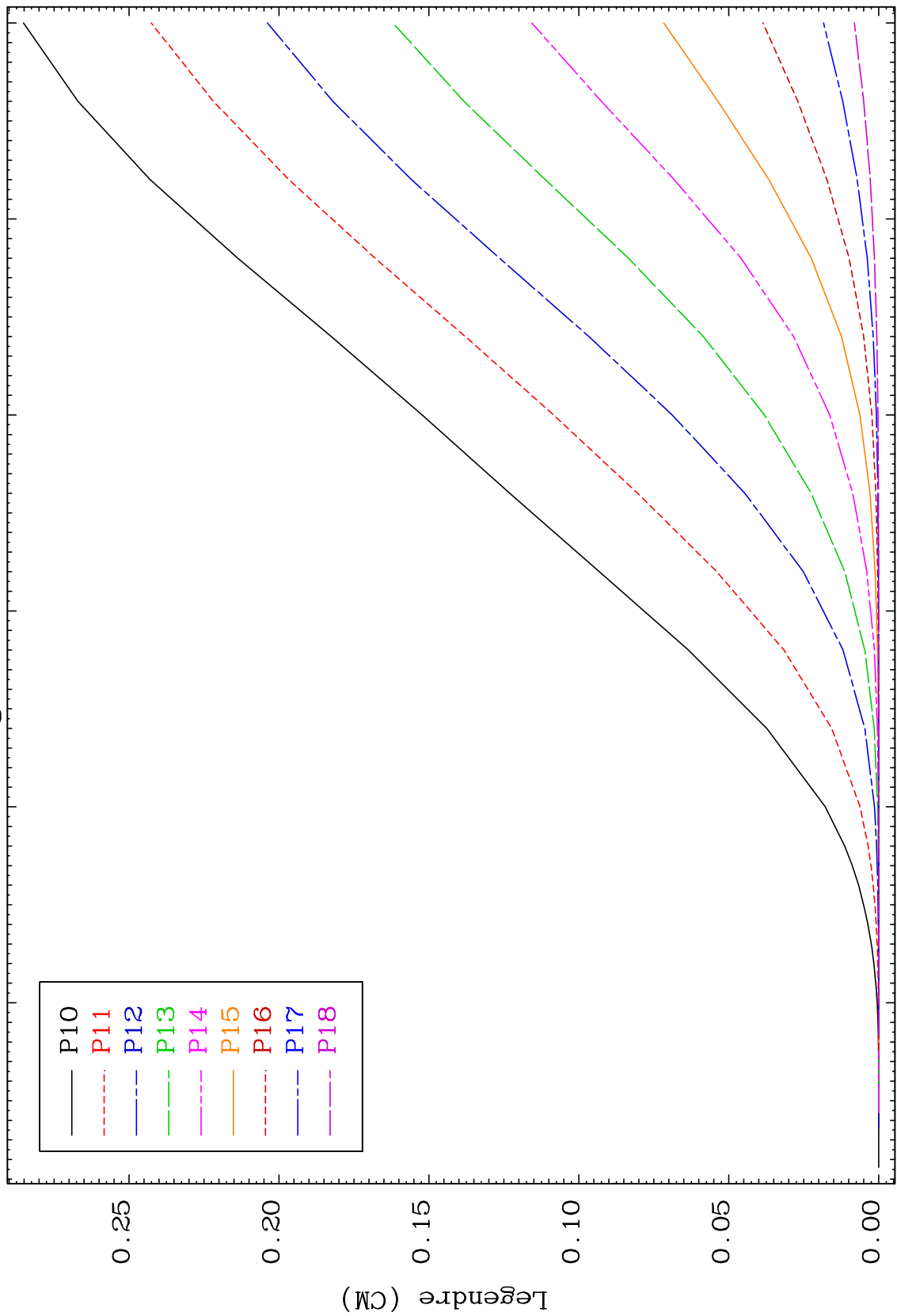
Incident Energy (MeV)

45-Rh-100

MAT 4516

Elastic Legendre Coefficients

45-Rh-100



19

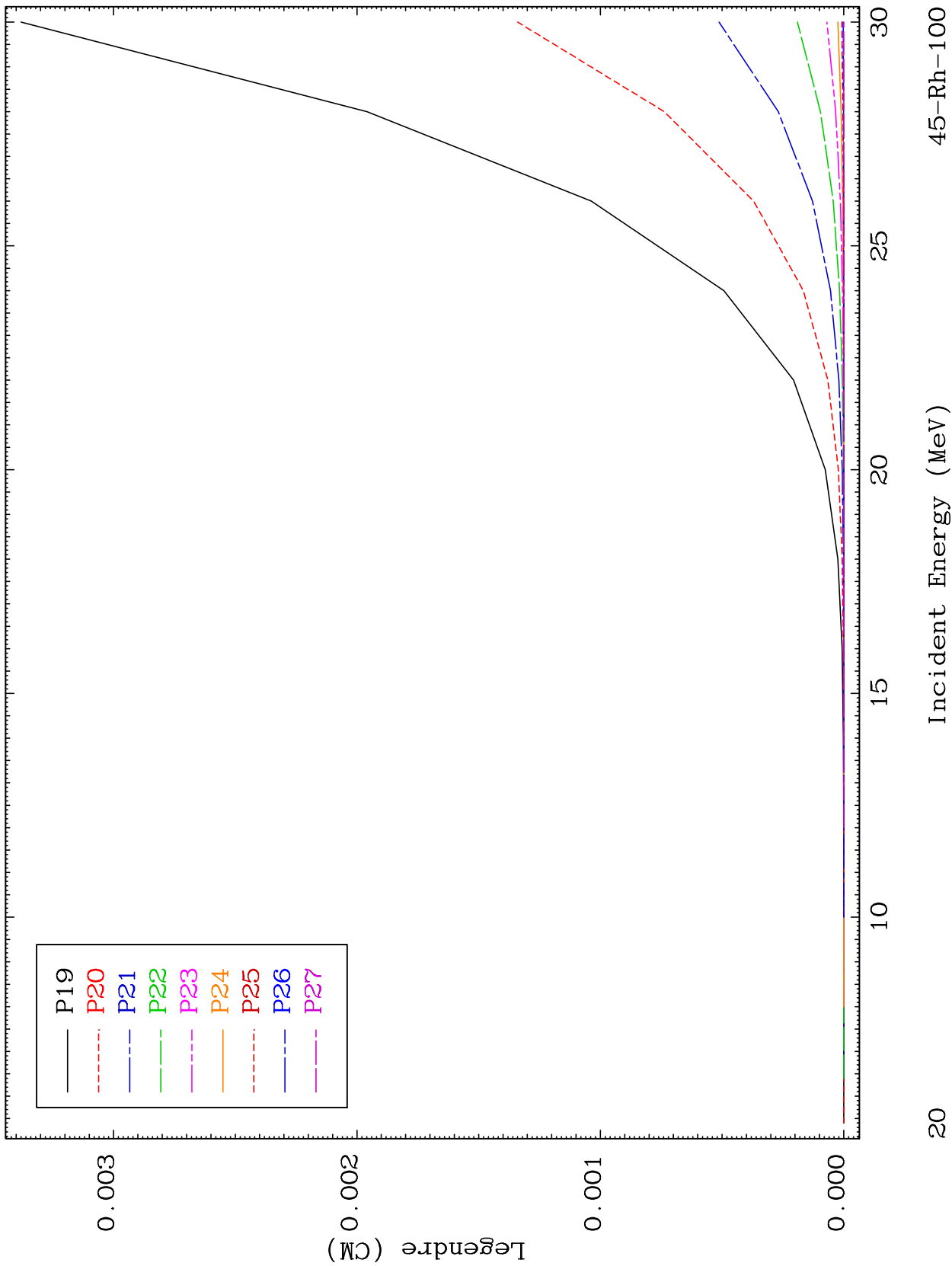
Incident Energy (MeV)

45-Rh-100

MAT 4516

Elastic Legendre Coefficients

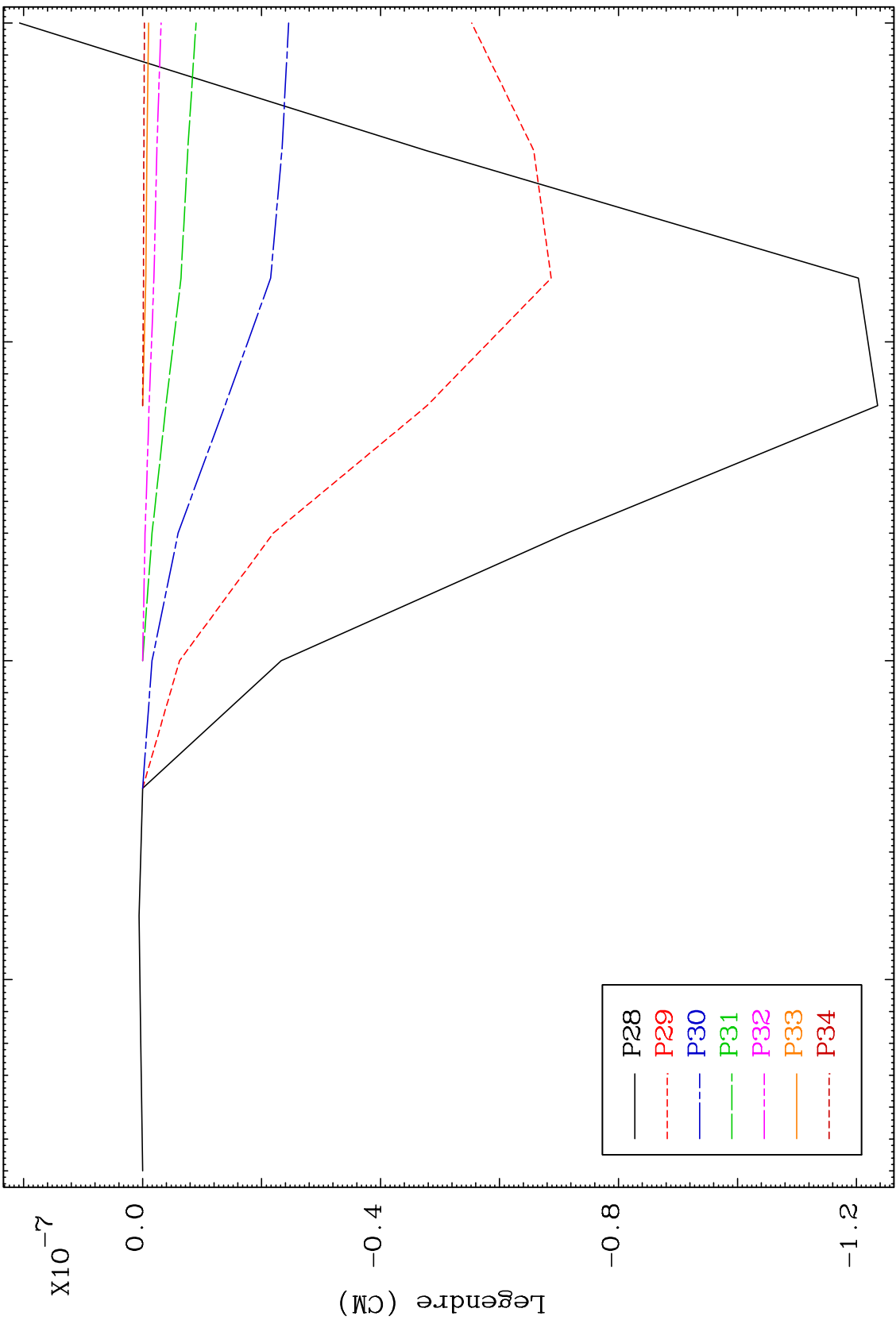
45-Rh-100



MAT 4516

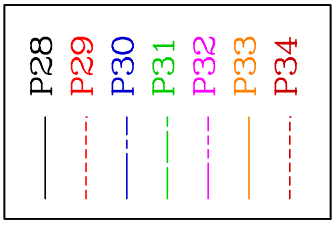
45-Rh-100

Elastic Legendre Coefficients



$\times 10^{-7}$

Legendre (CM)

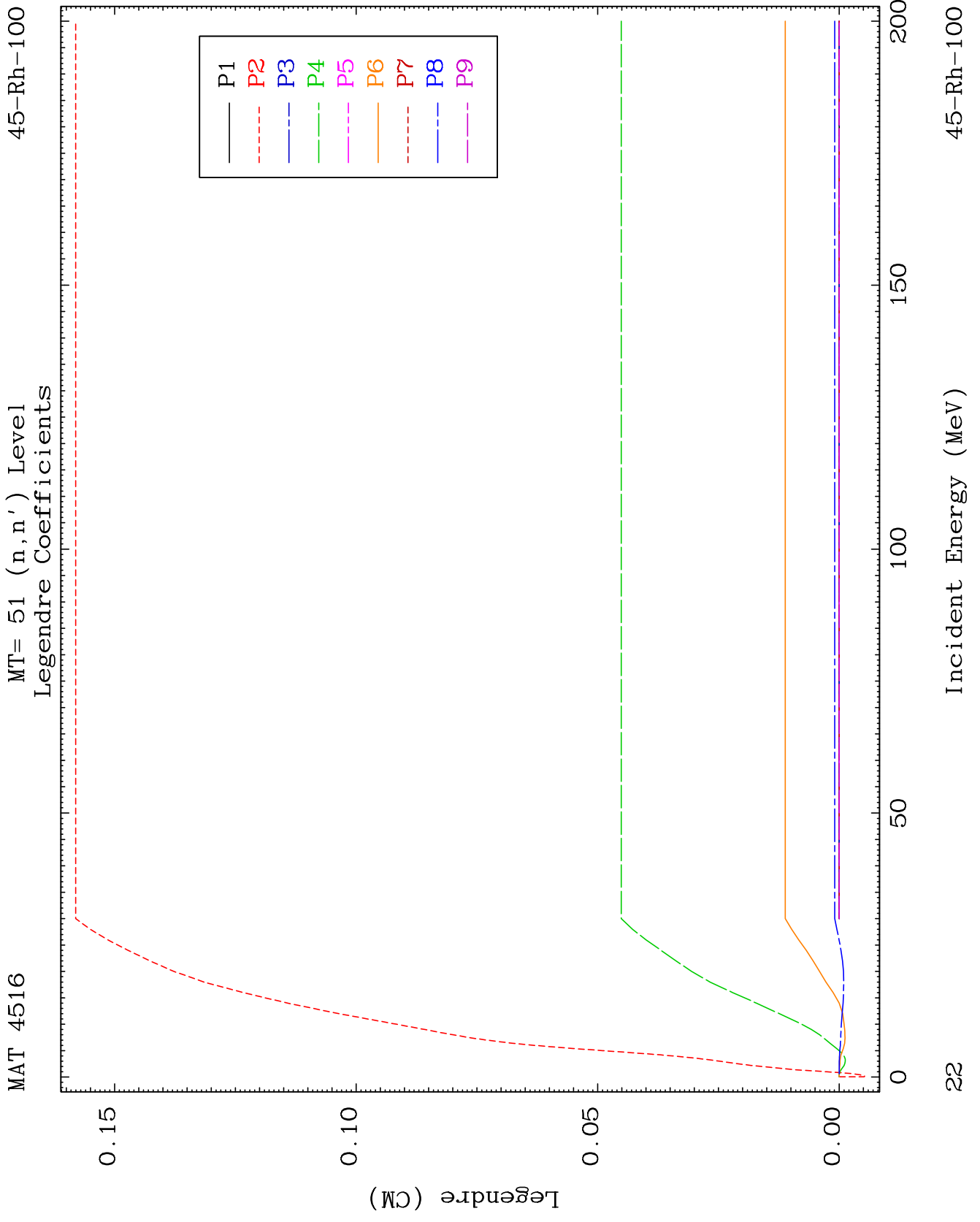


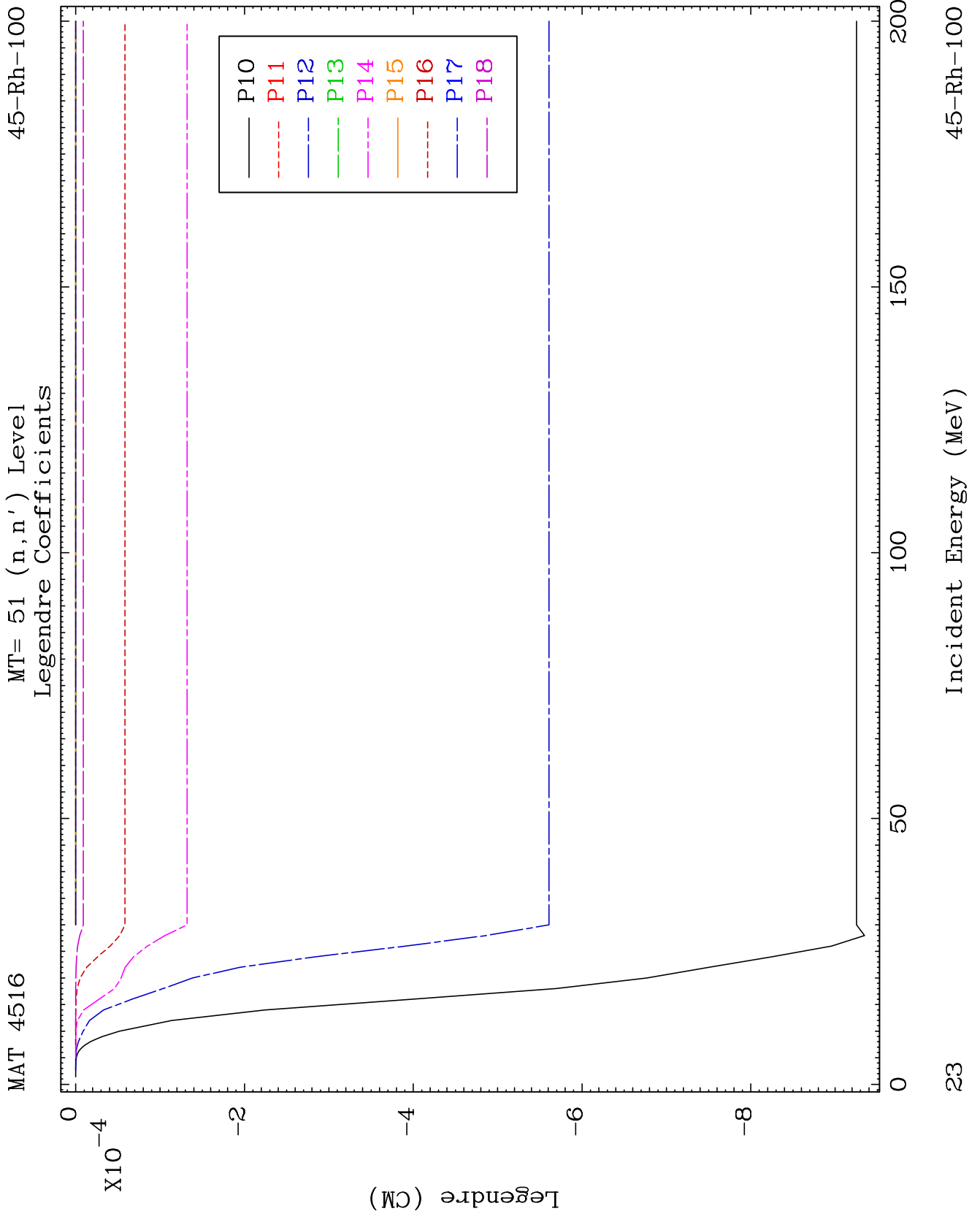
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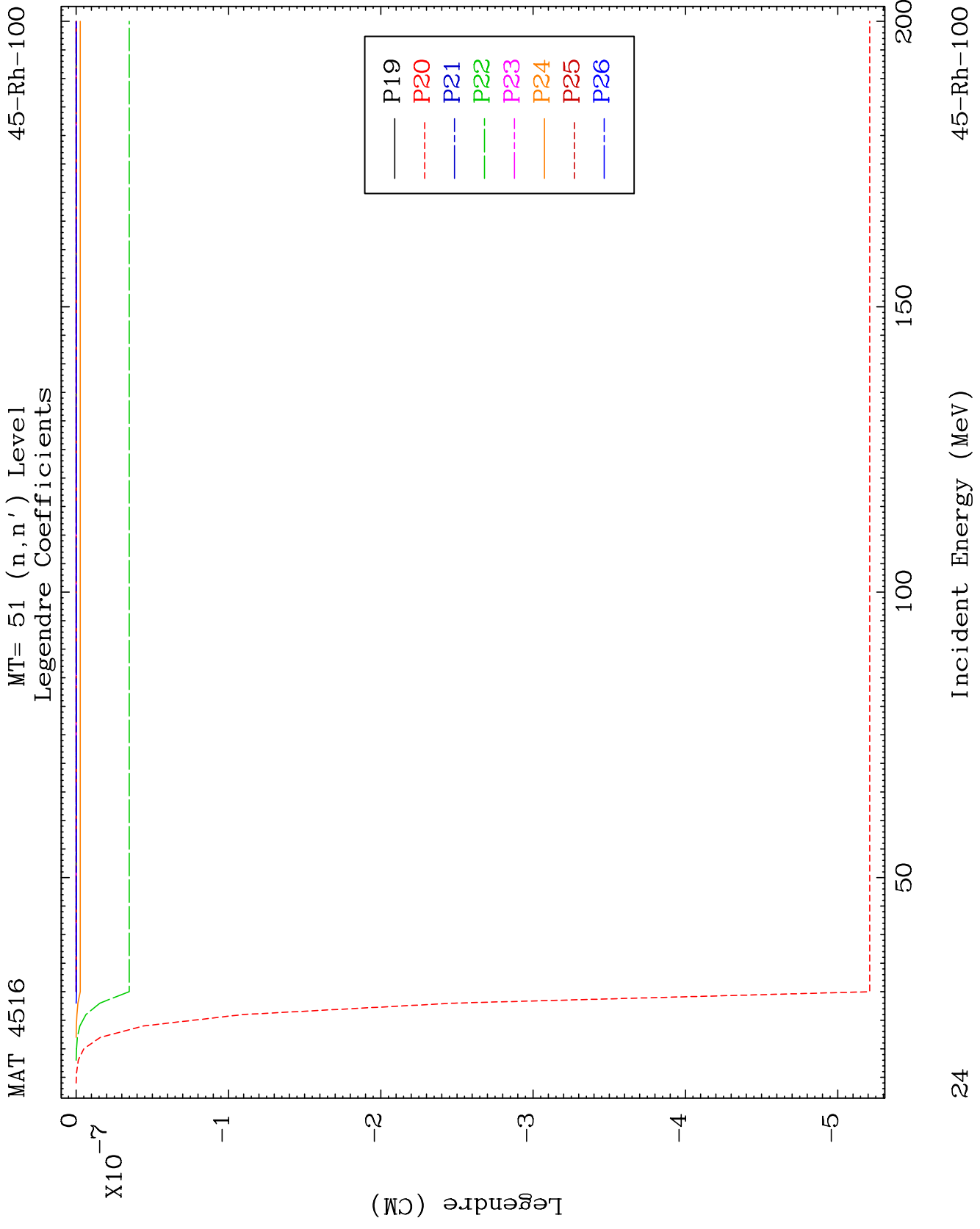
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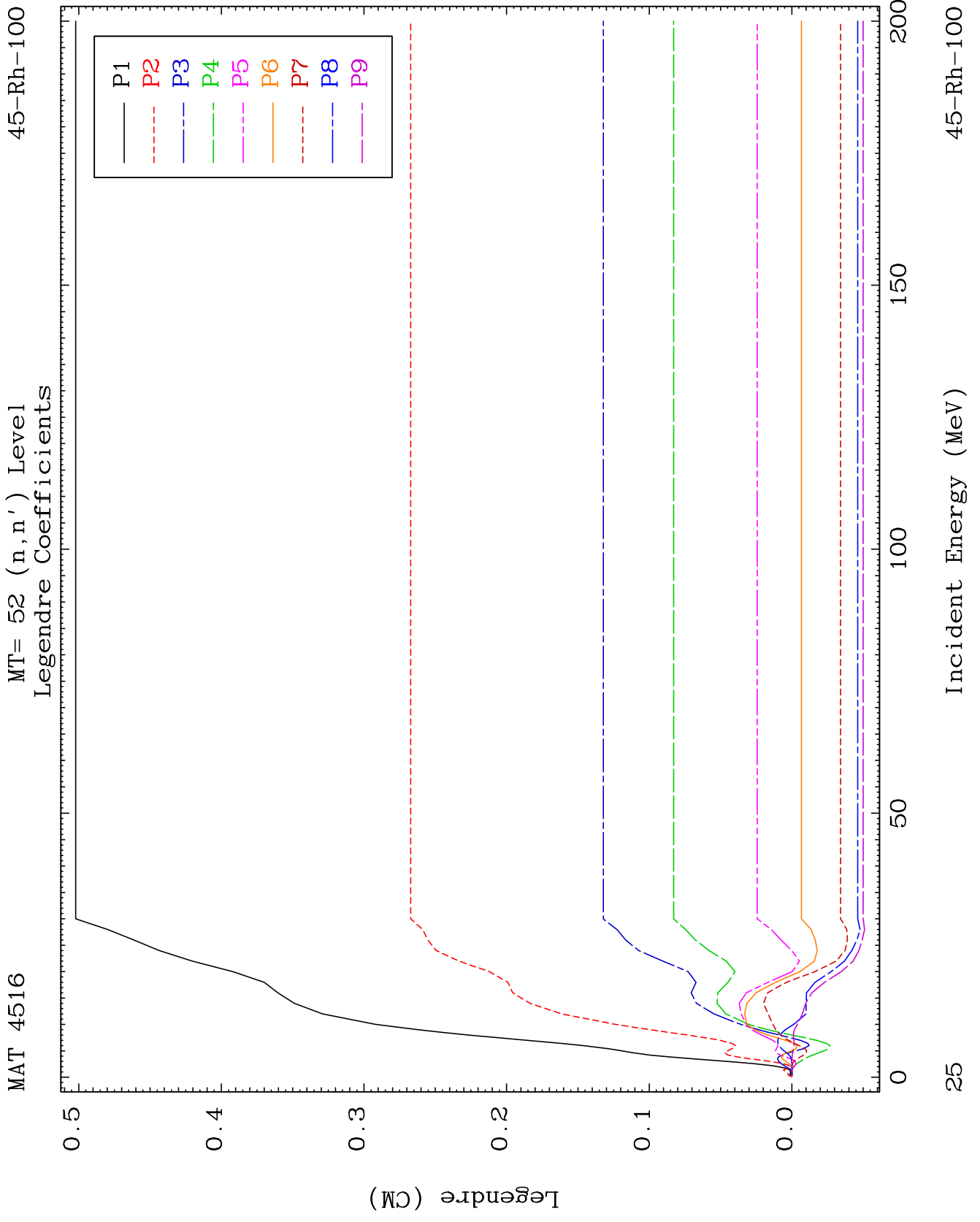
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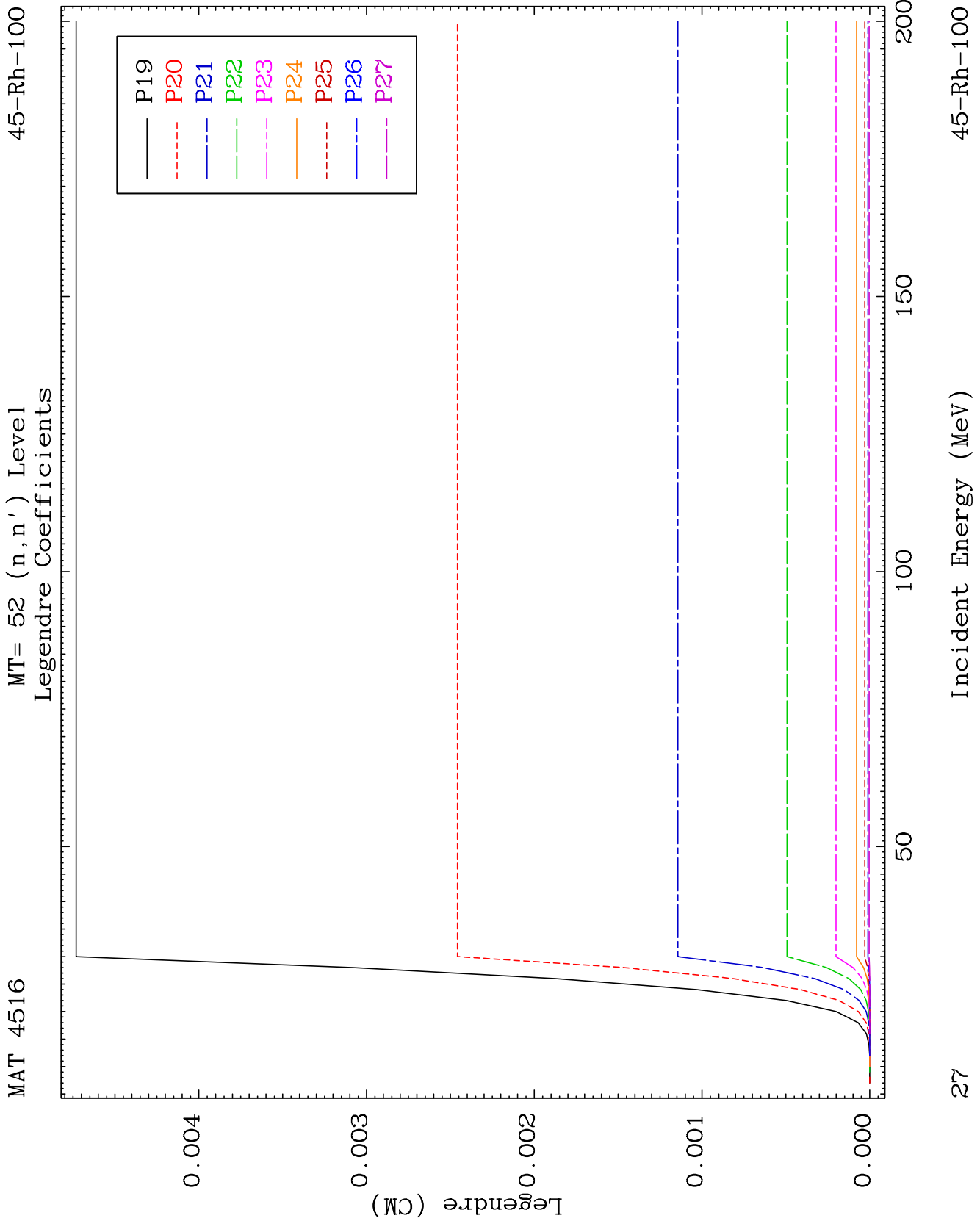
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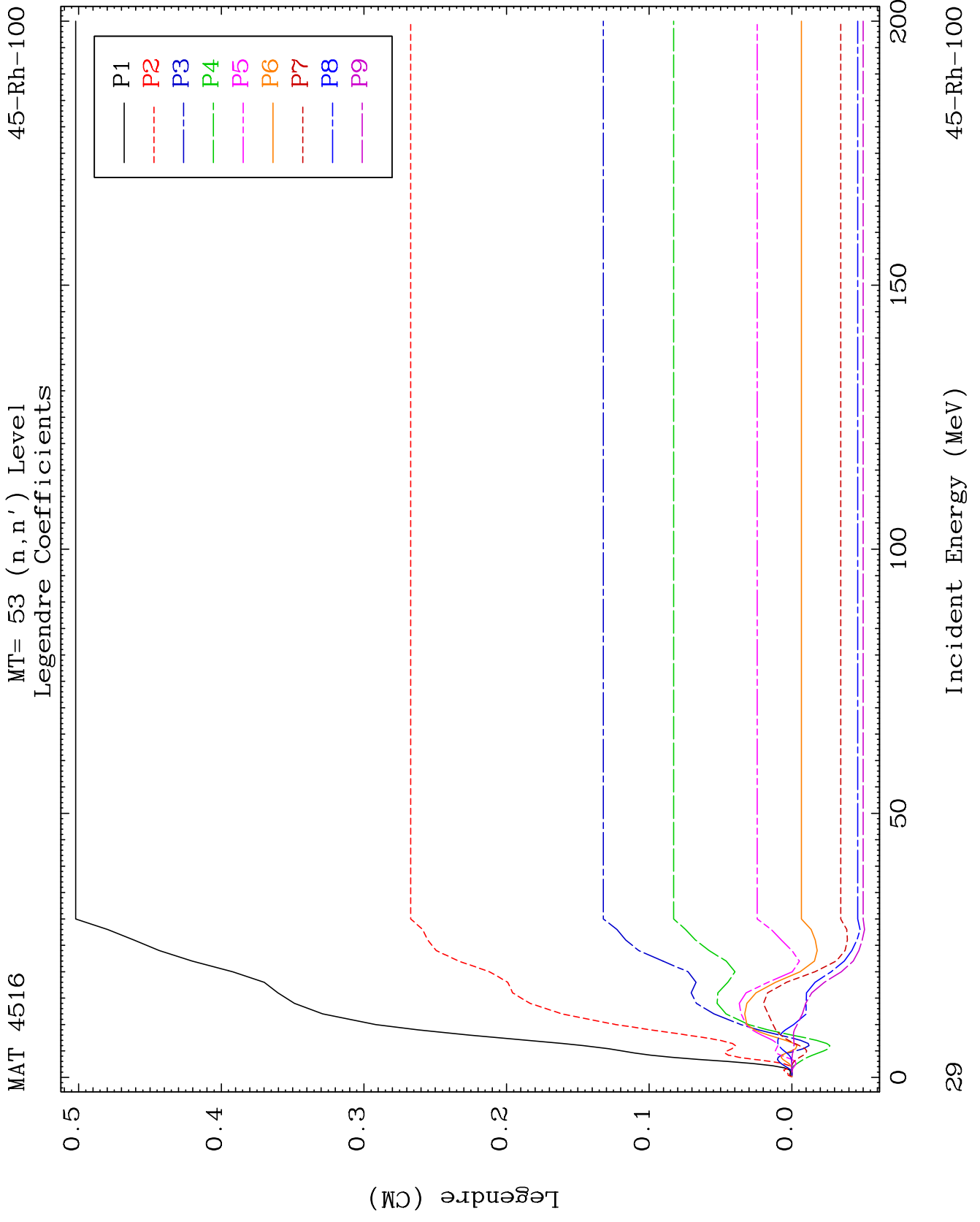


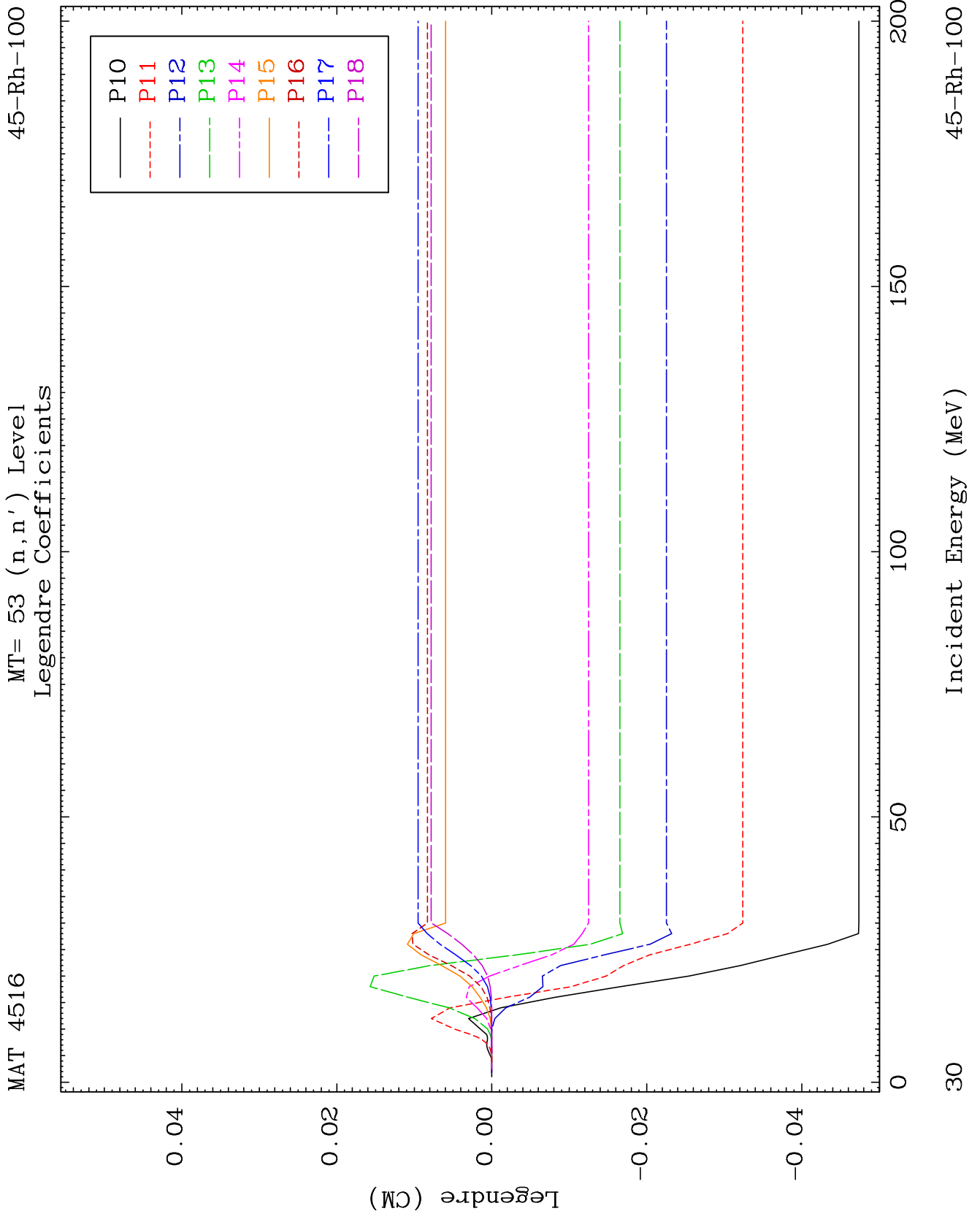








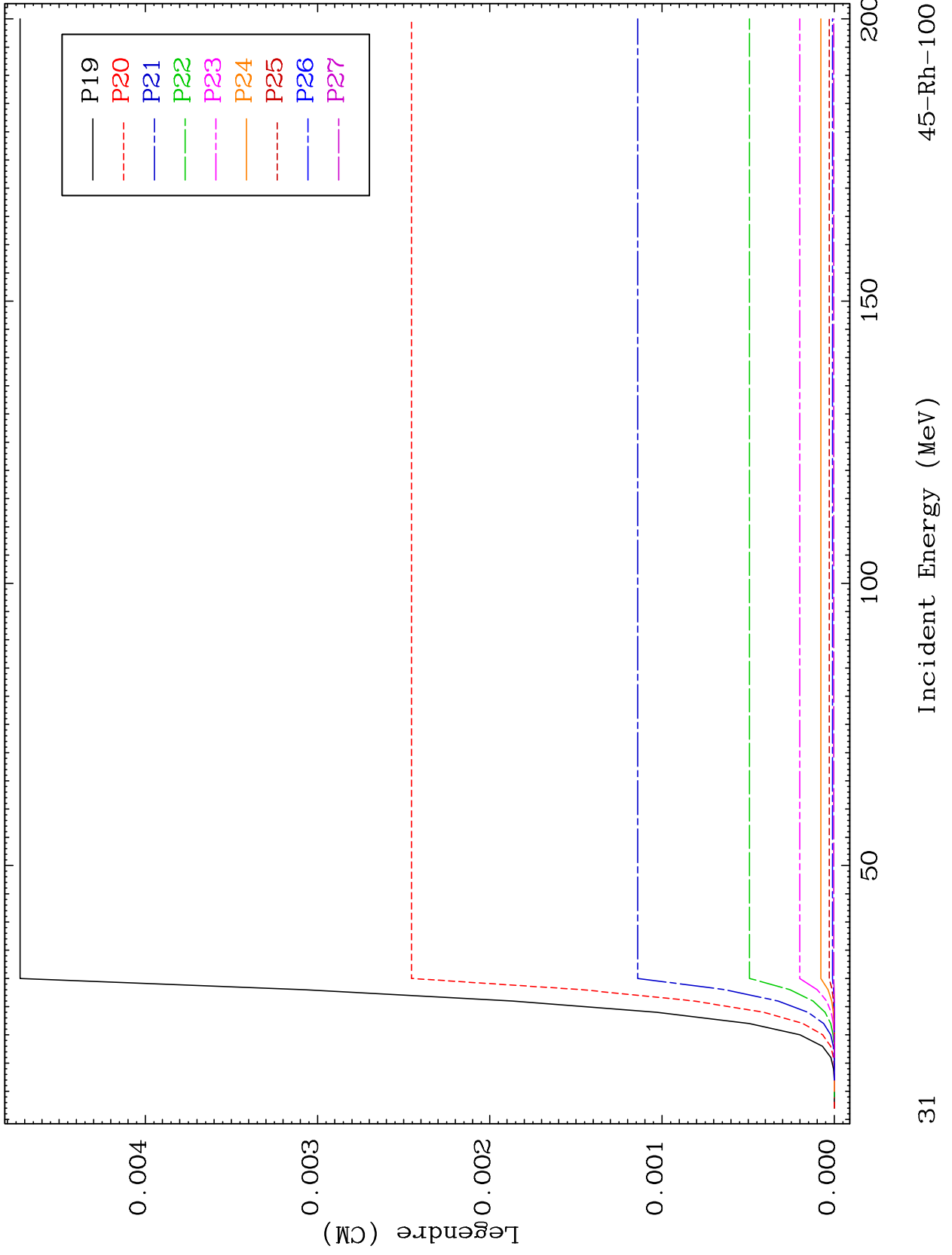




MAT 4516

MT= 53 (n,n') Level
Legendre Coefficients

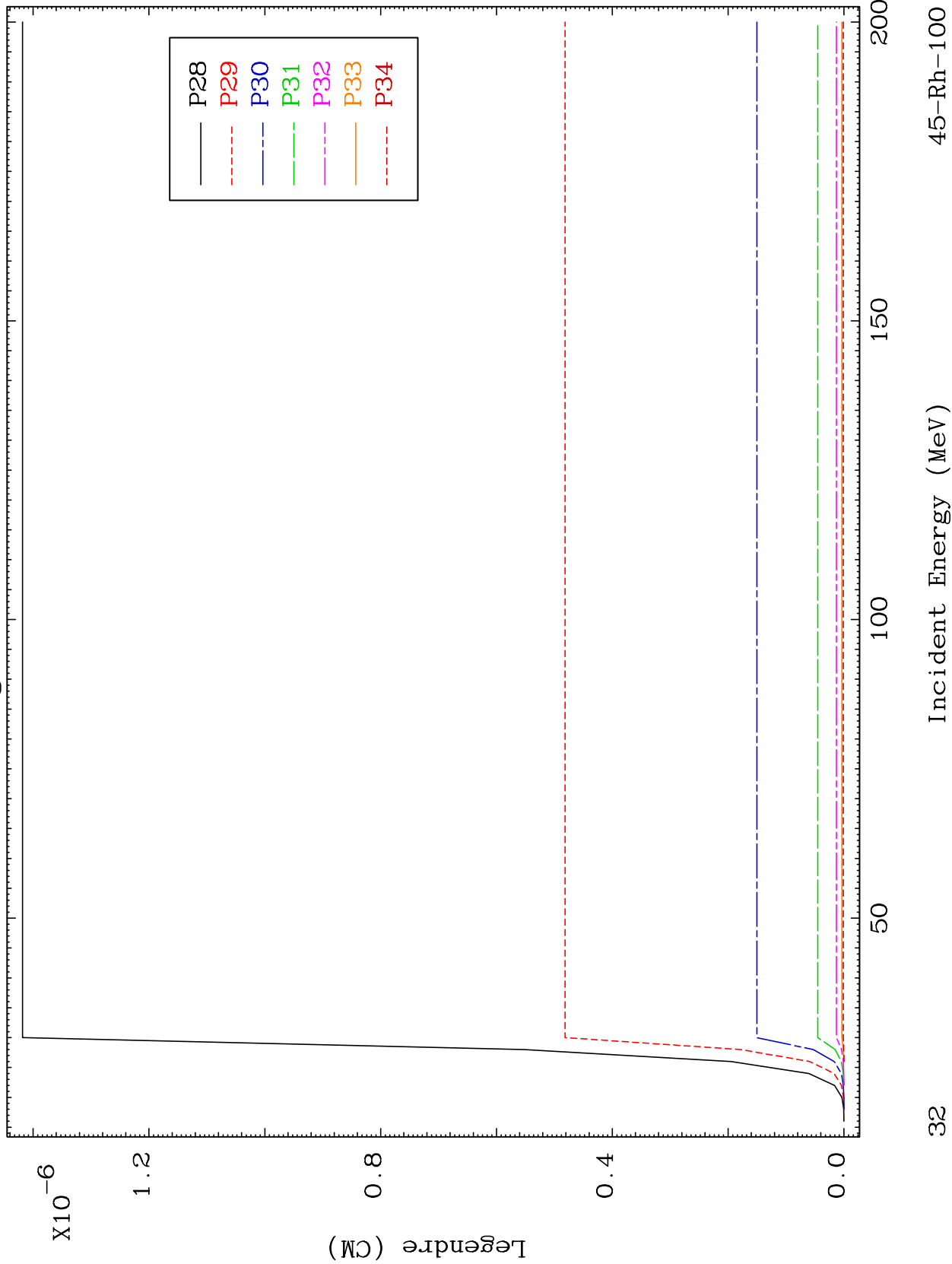
45-Rh-100

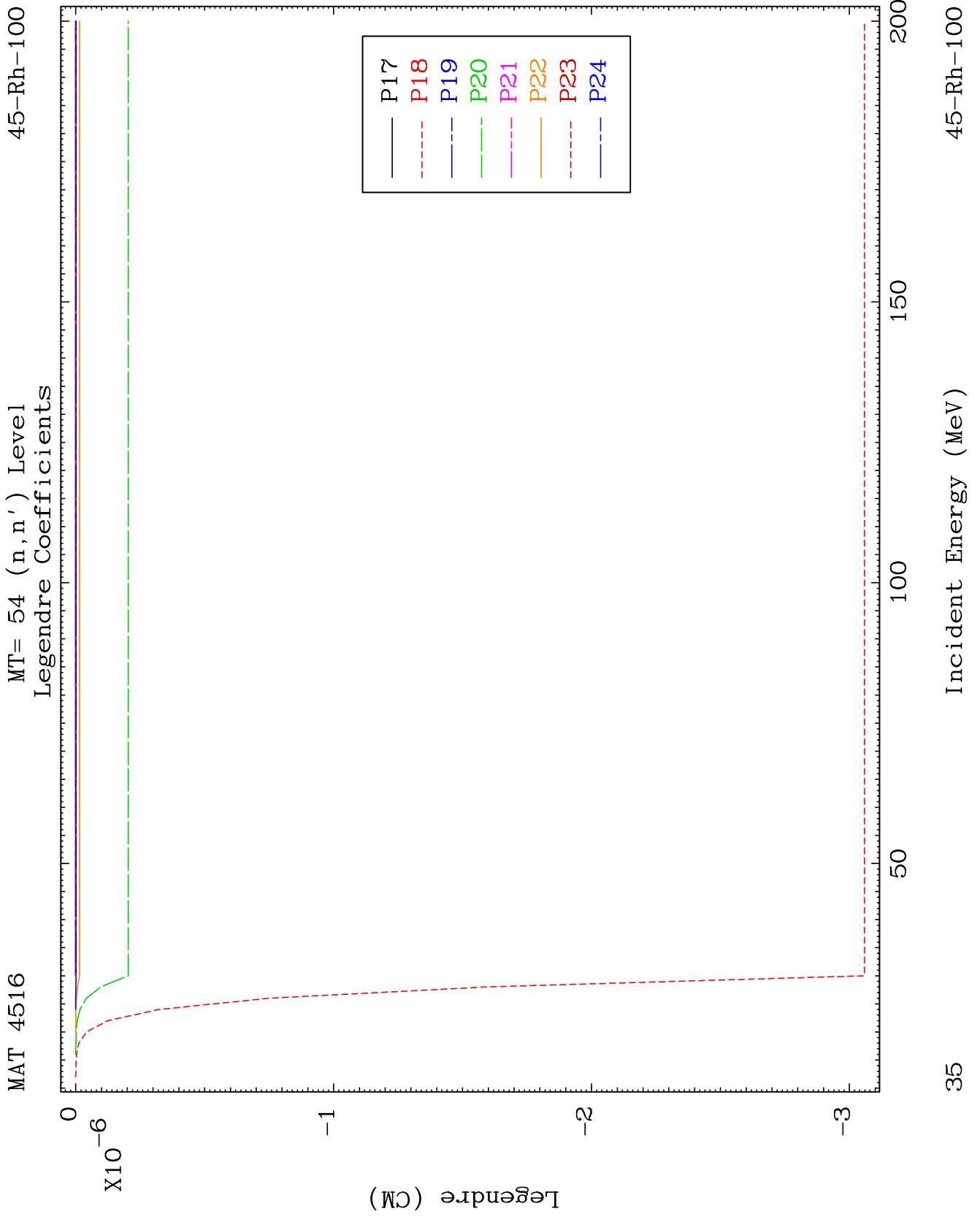


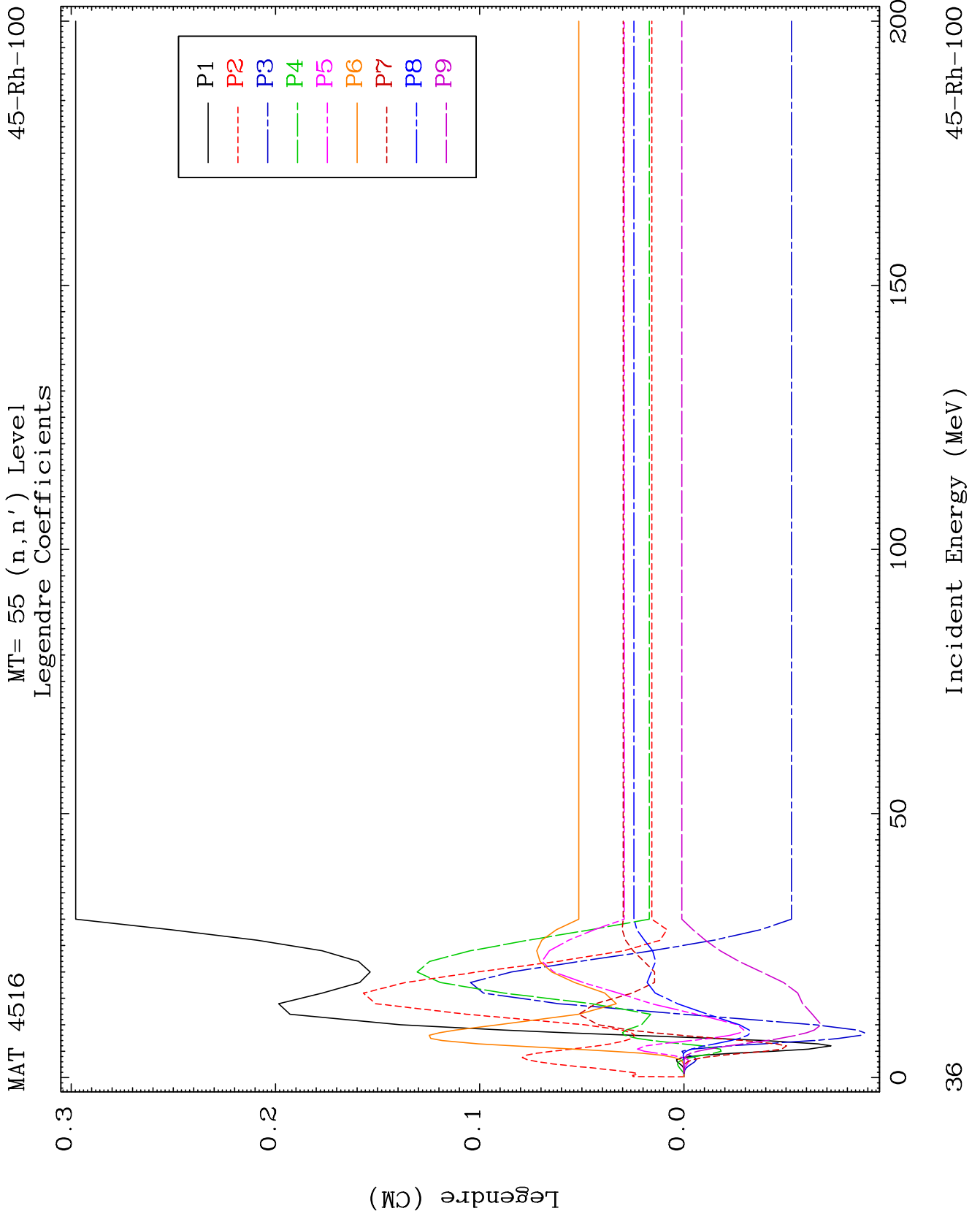
MAT 4516

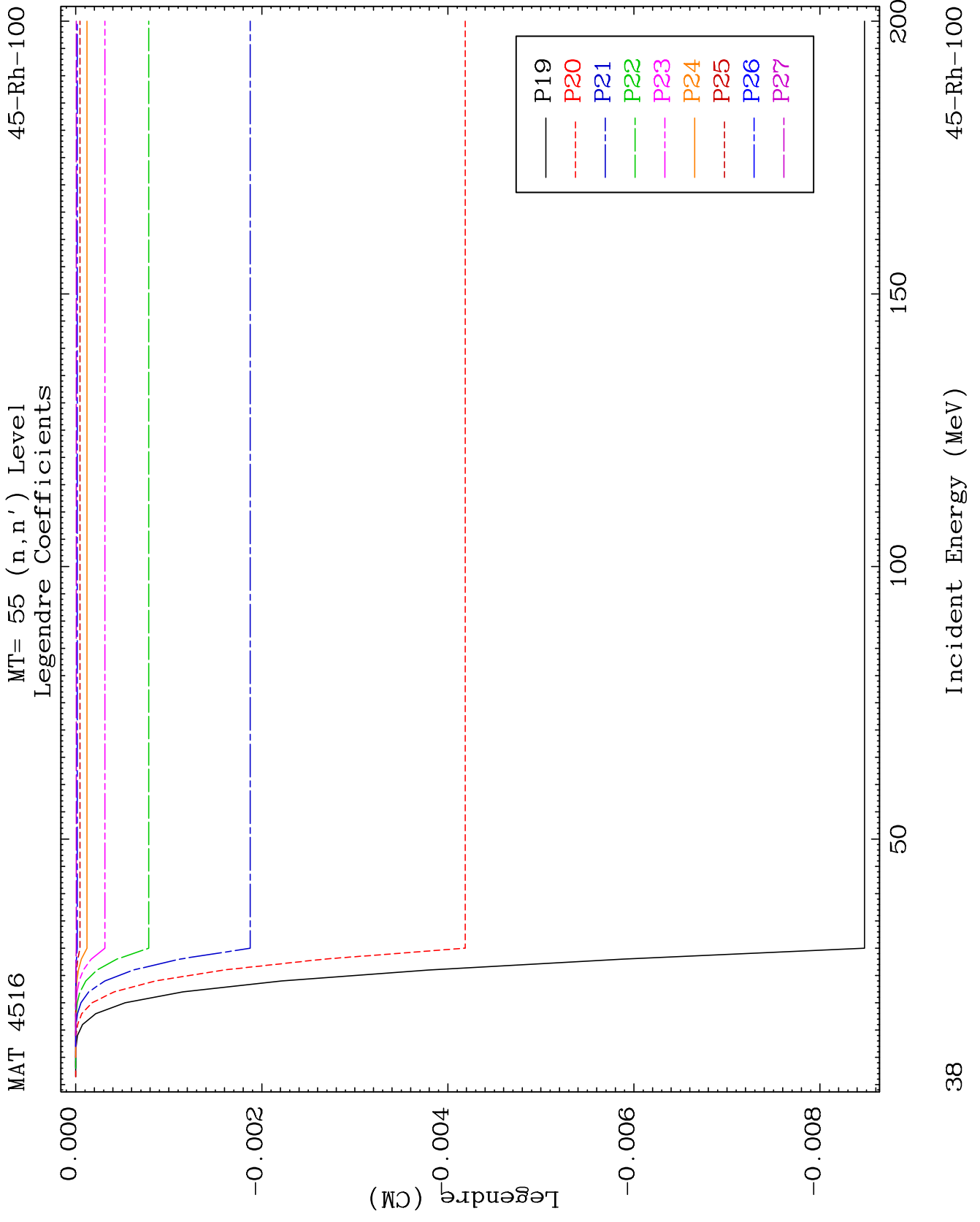
MT= 53 (n,n') Level
Legendre Coefficients

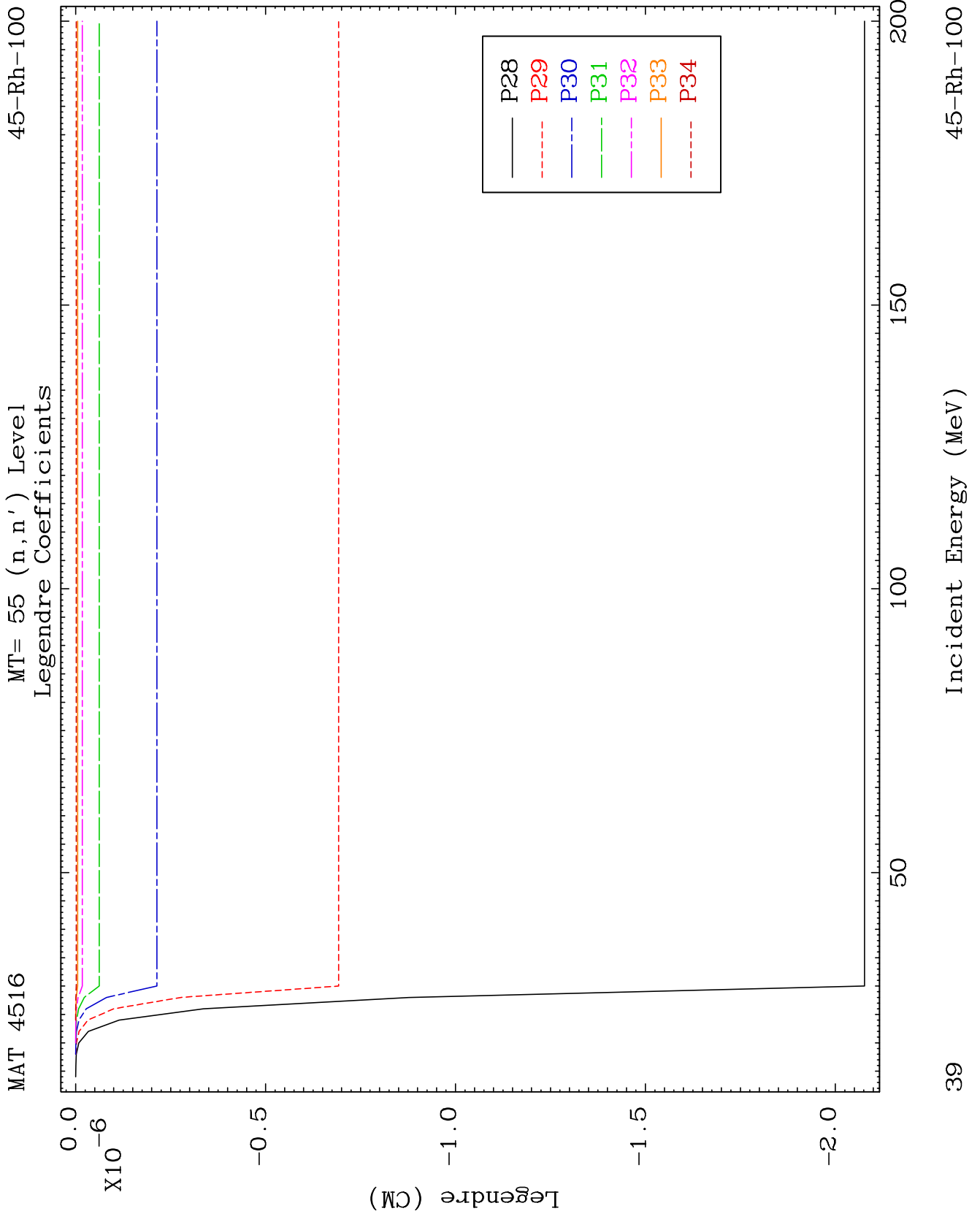
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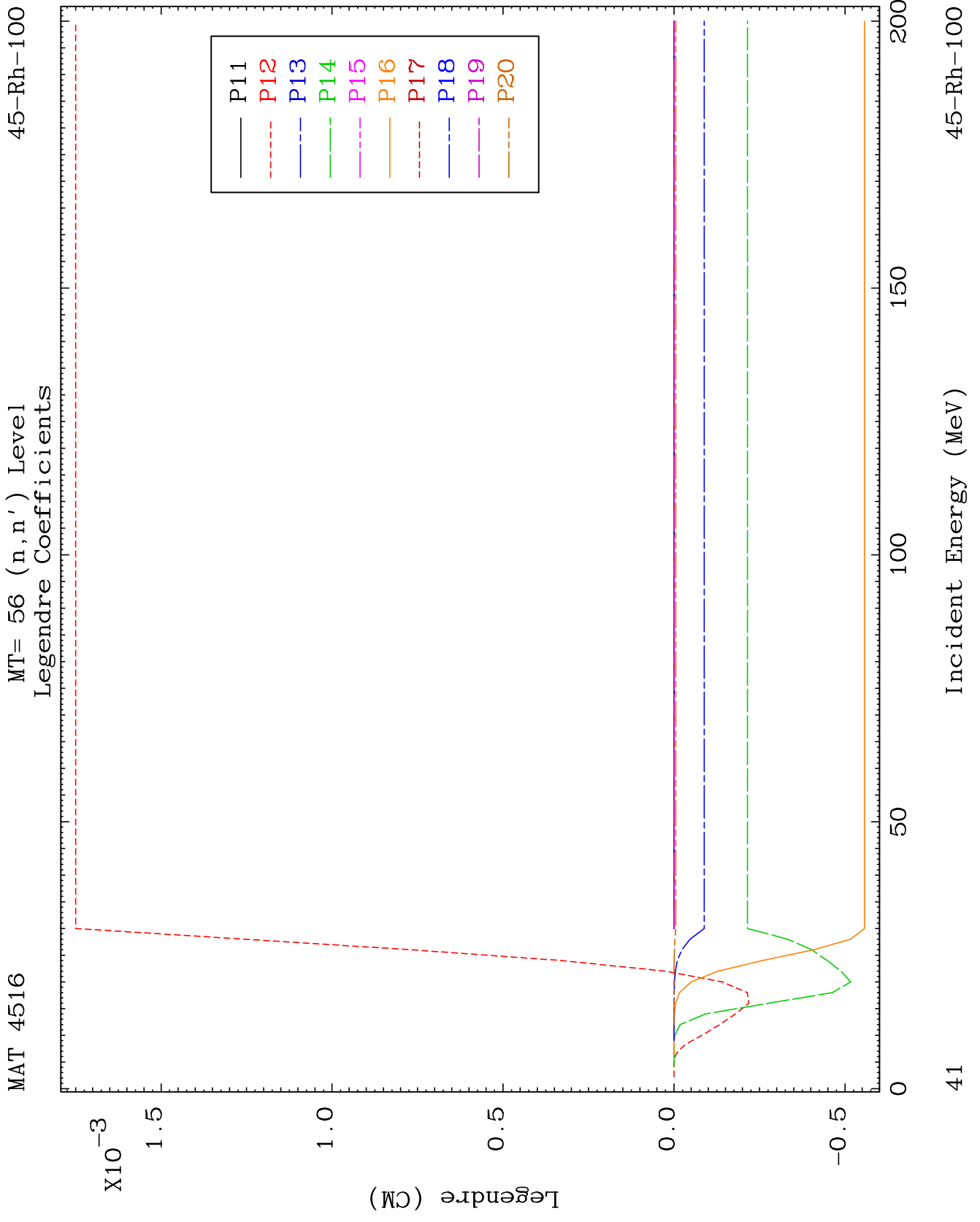


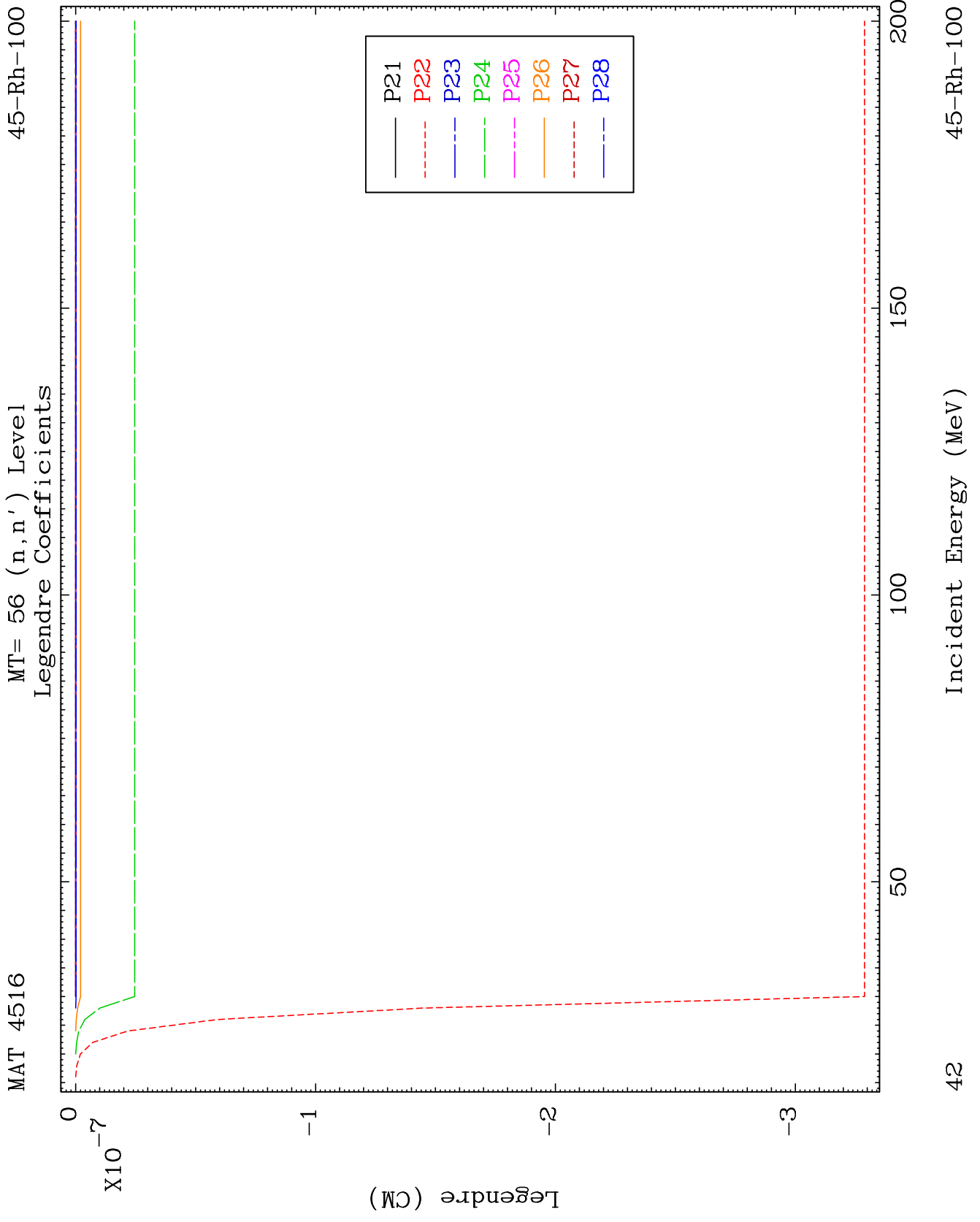


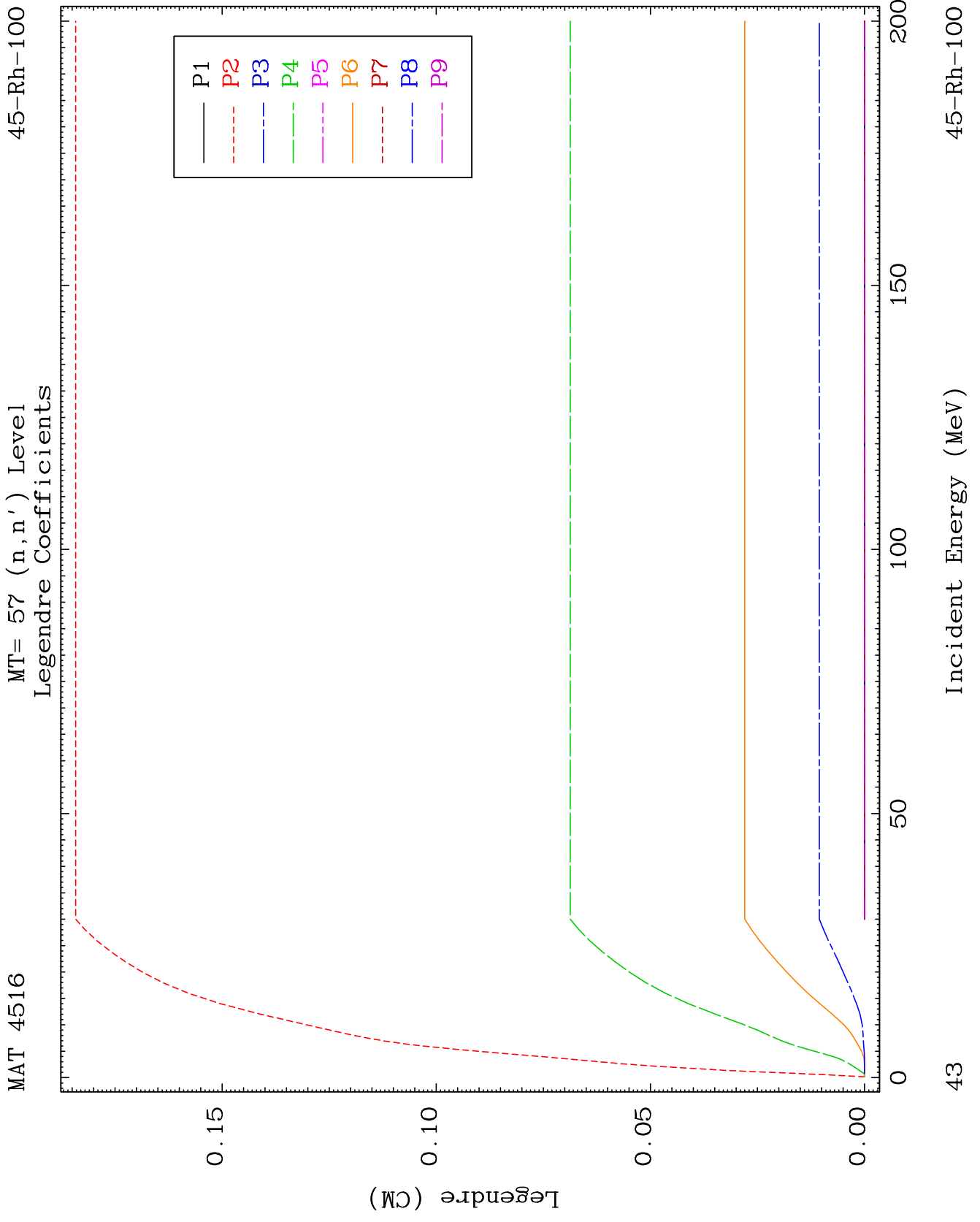








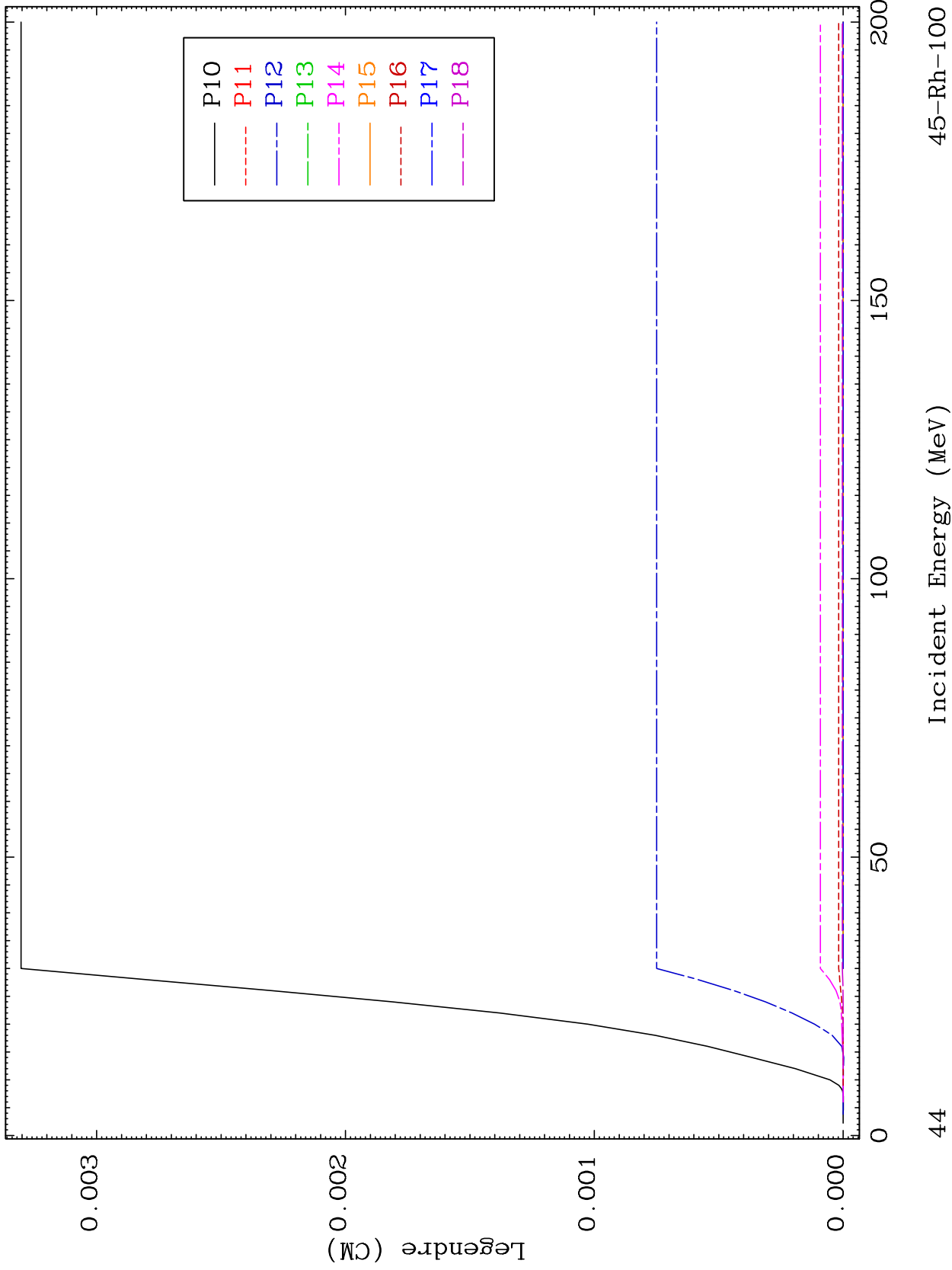


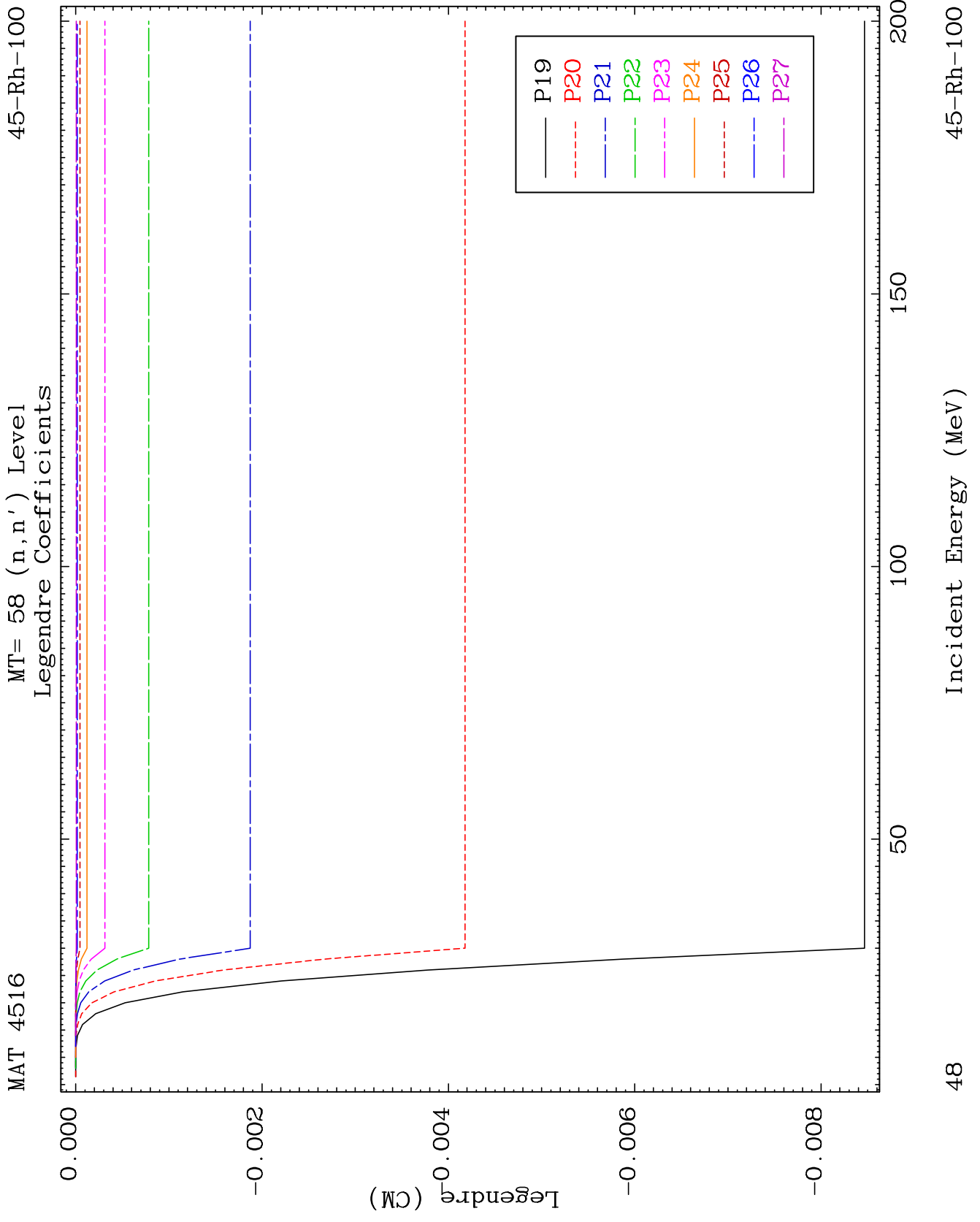


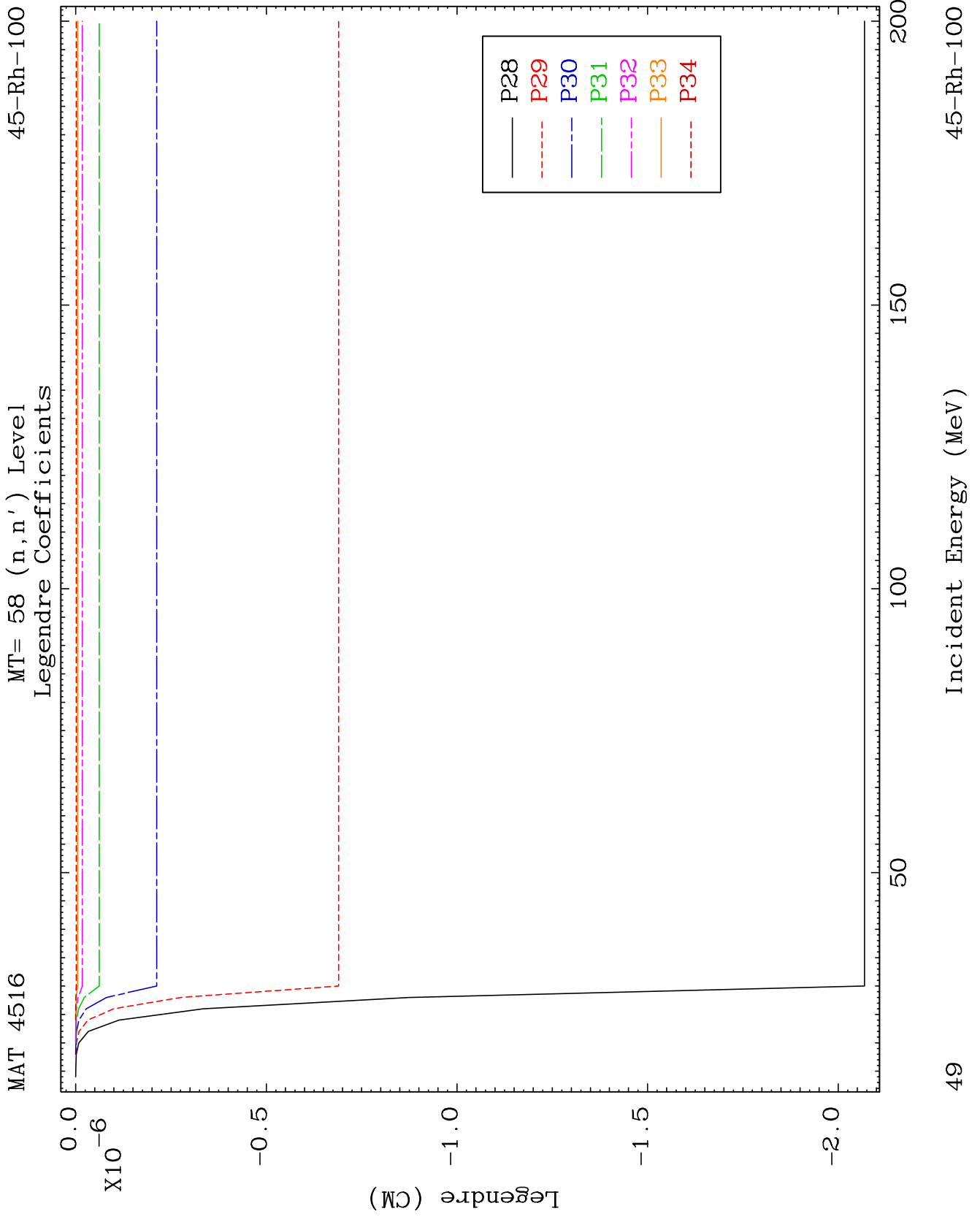
MAT 4516

MT= 57 (n,n') Level
Legendre Coefficients

45-Rh-100



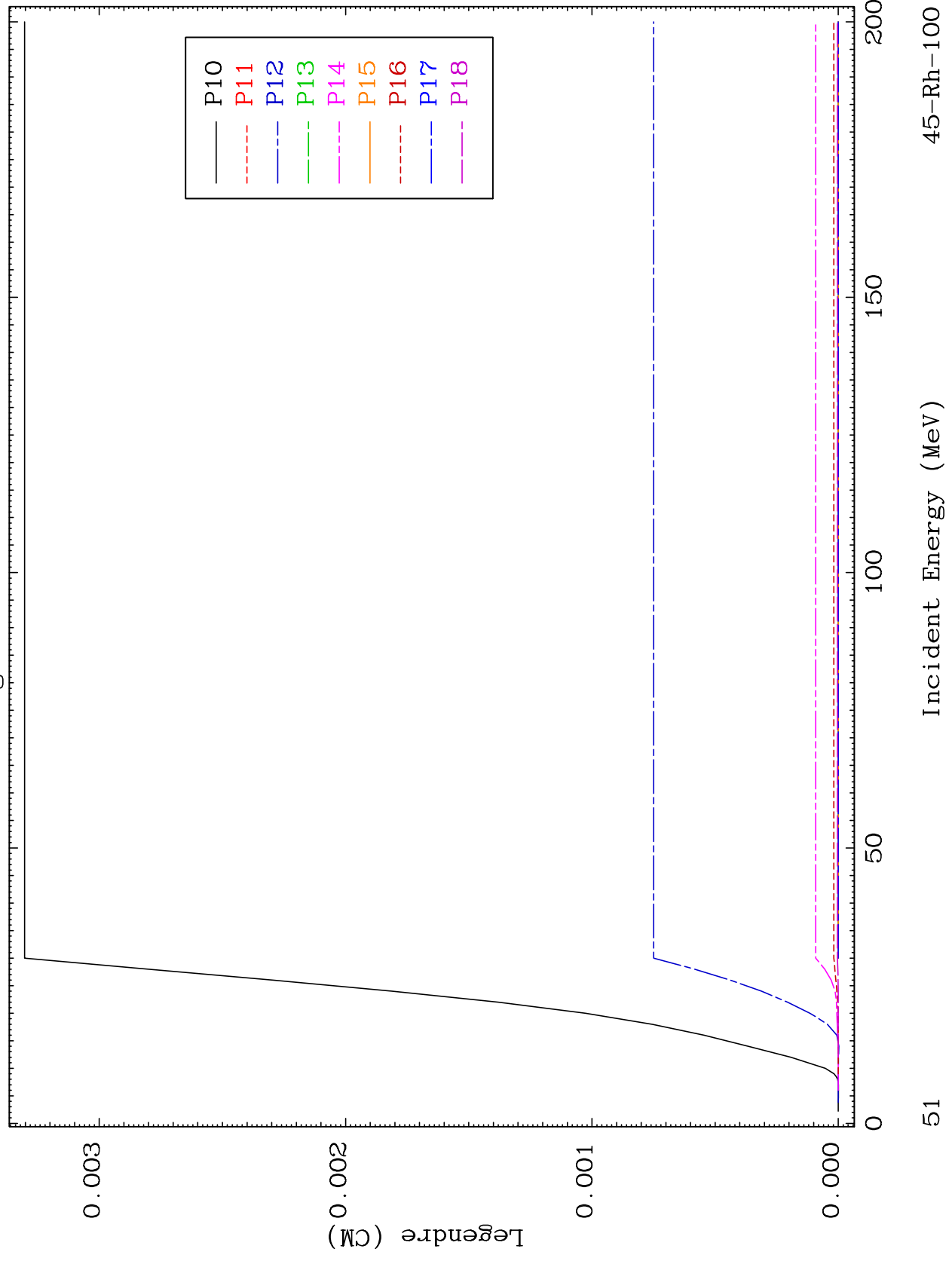




MAT 4516

MT= 59 (n,n') Level
Legendre Coefficients

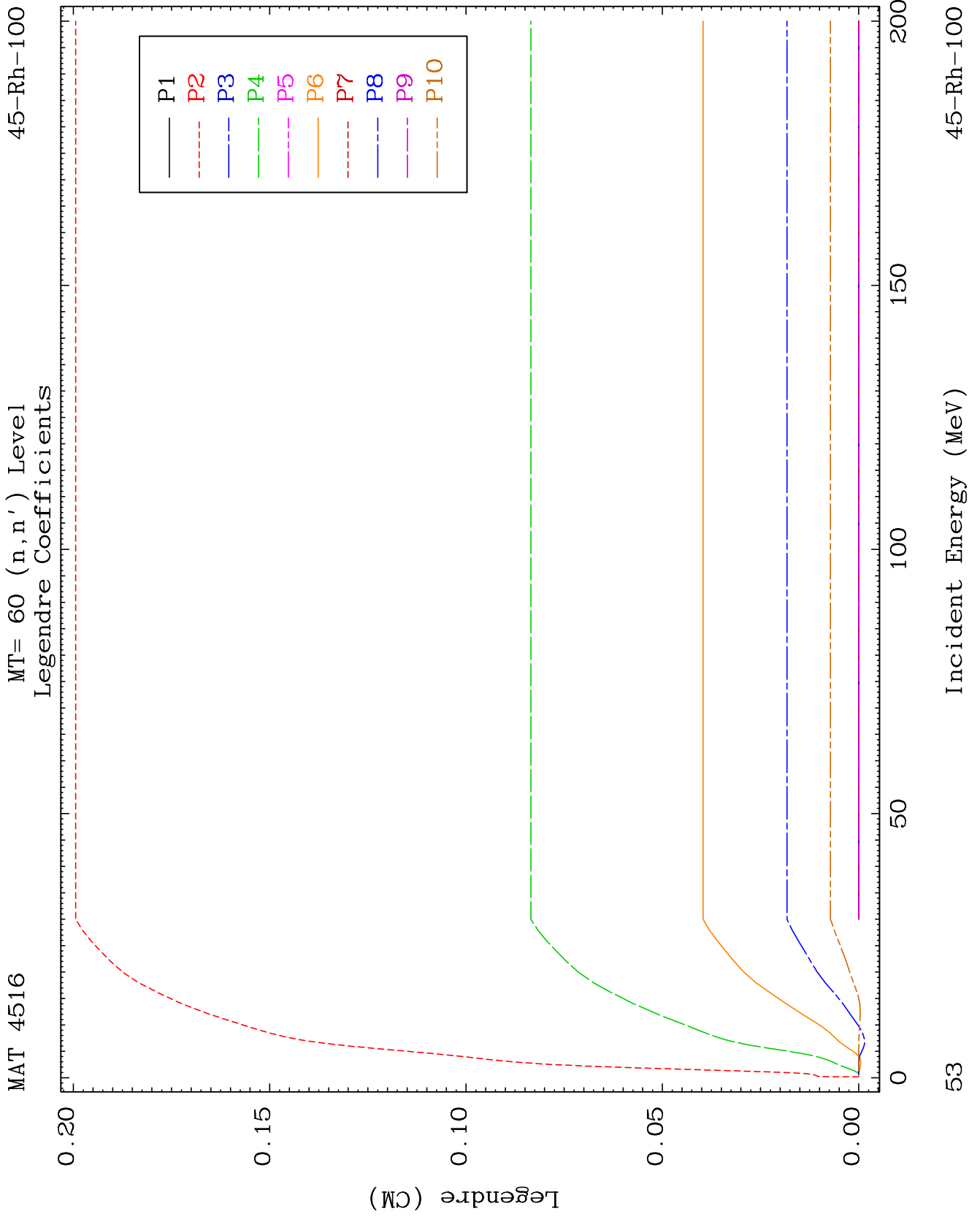
45-Rh-100

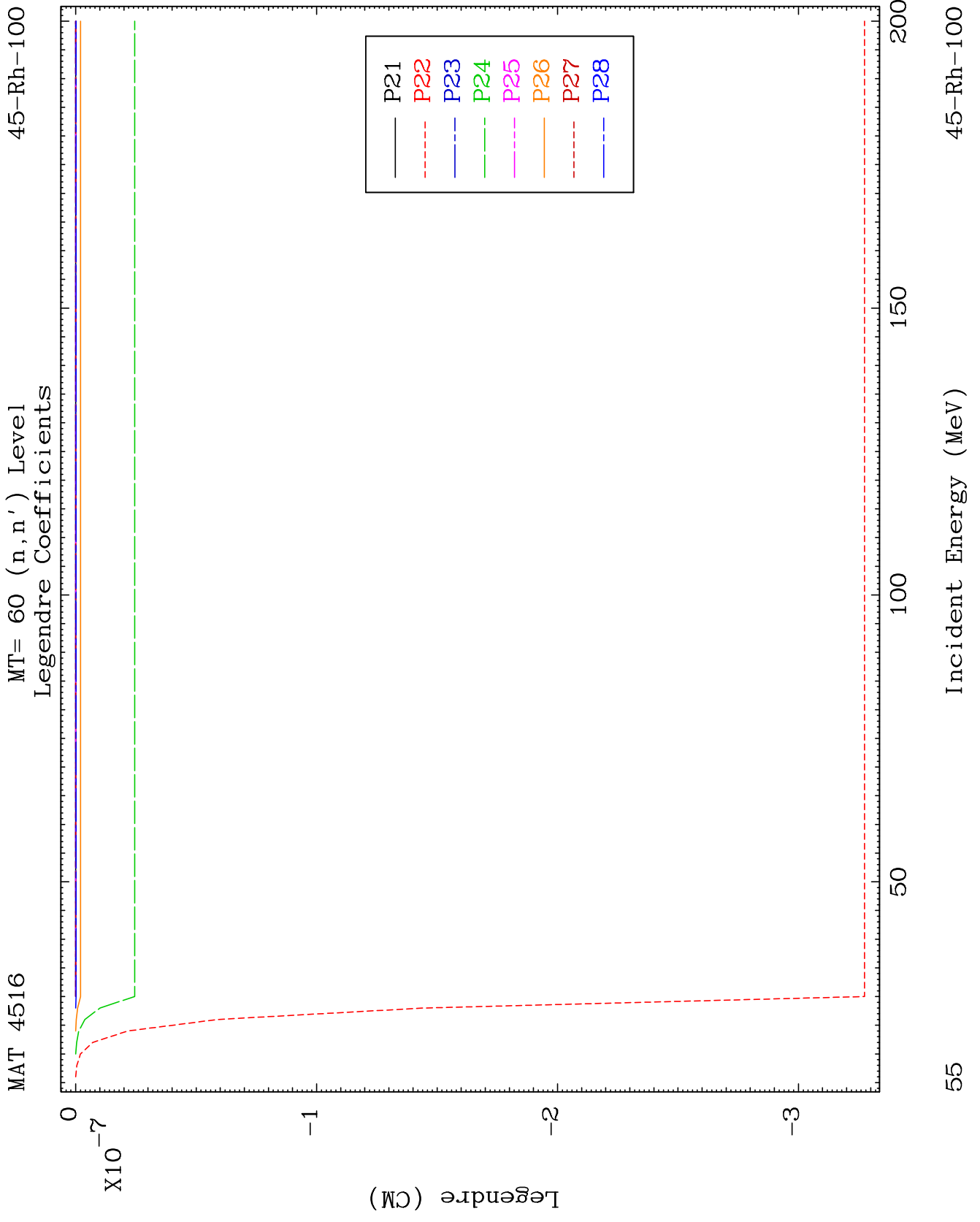


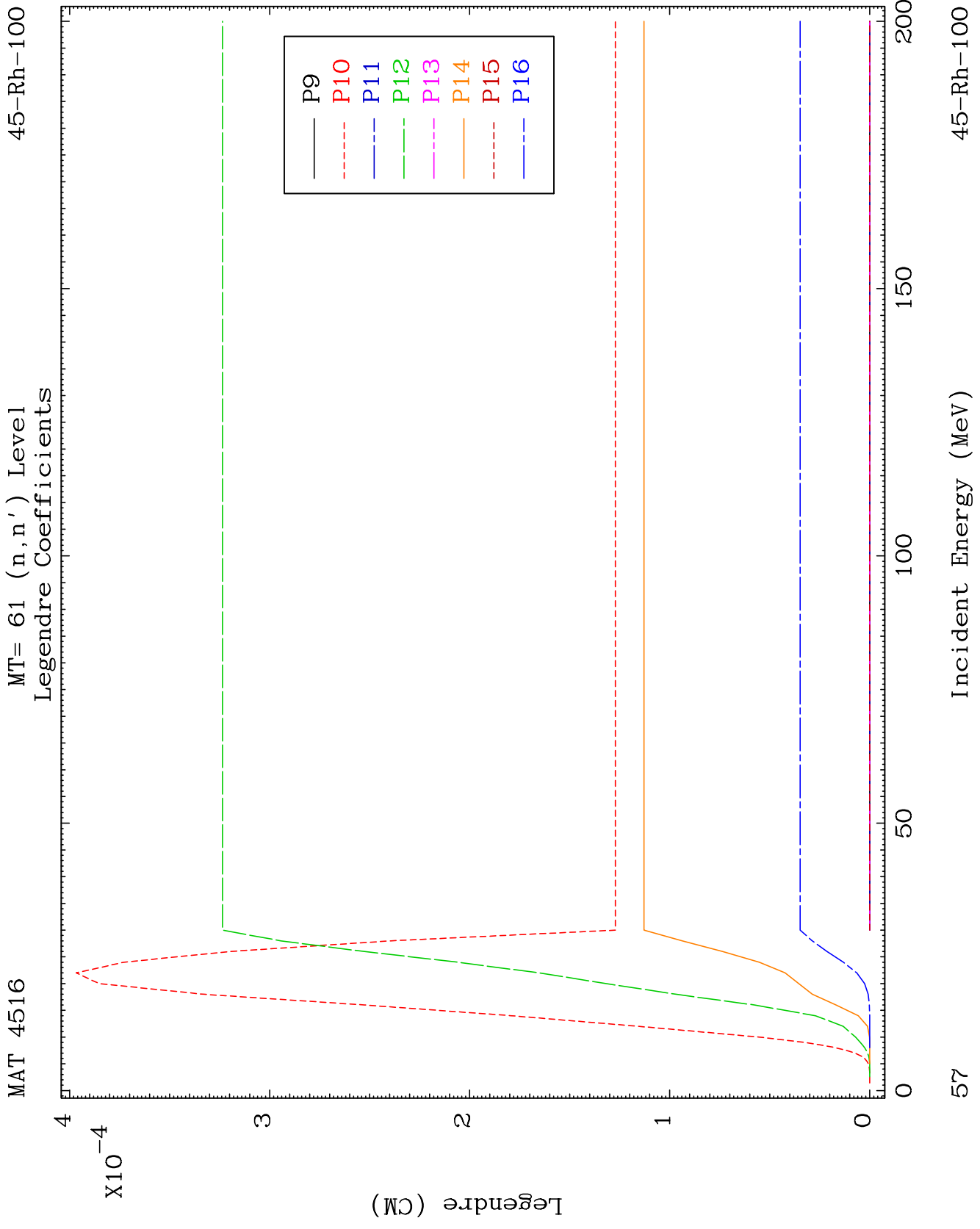
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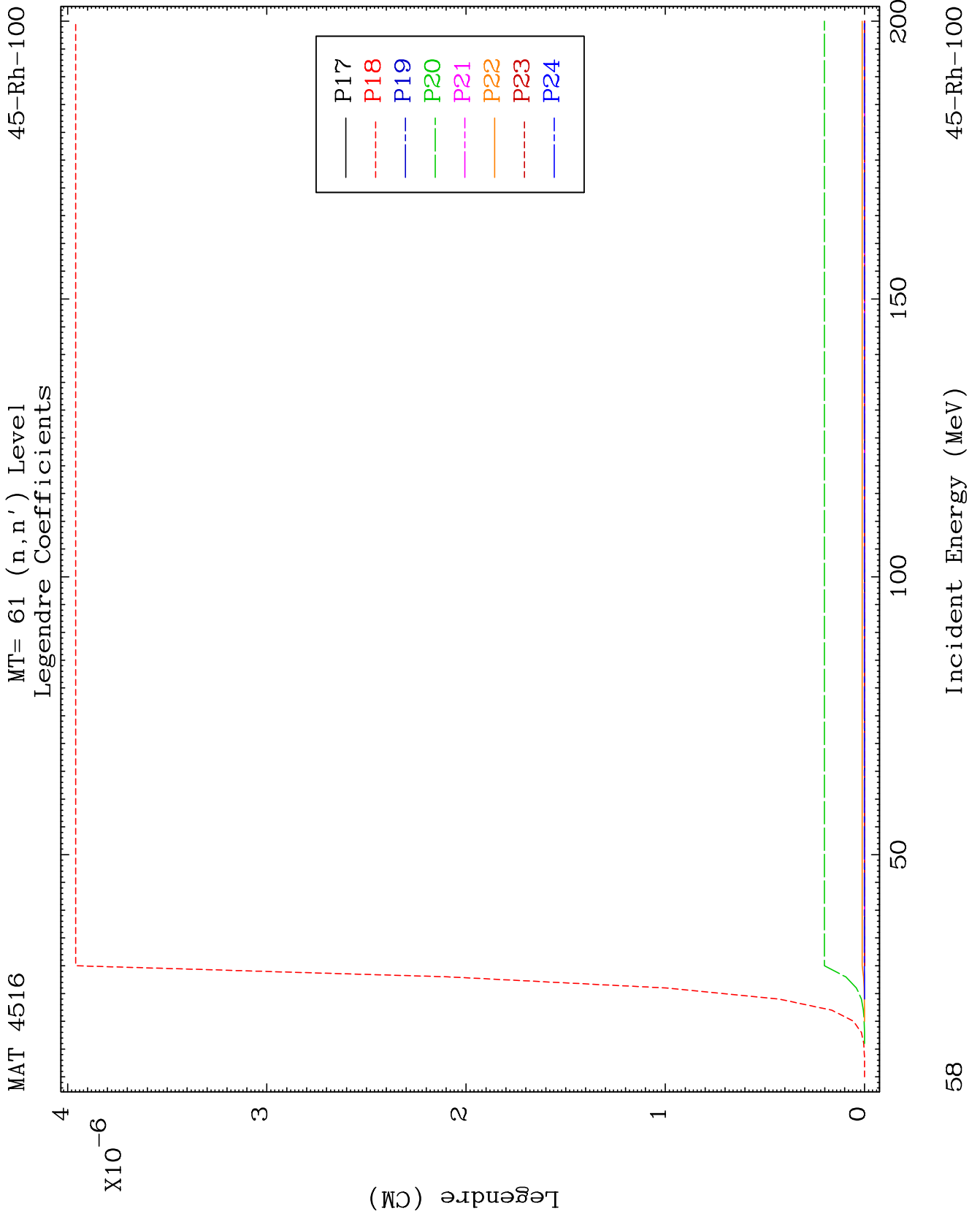
Incident Energy (MeV)

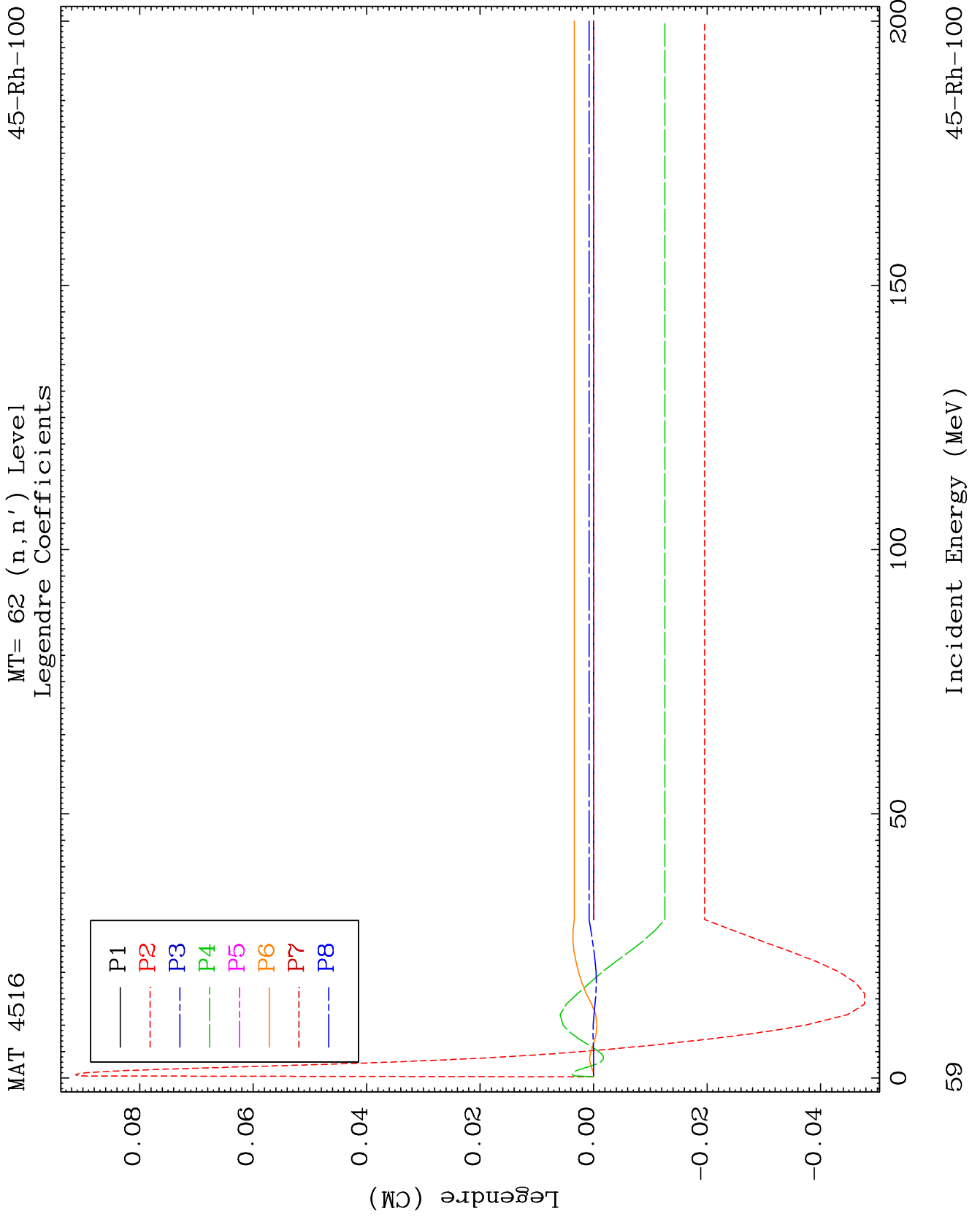
45-Rh-100

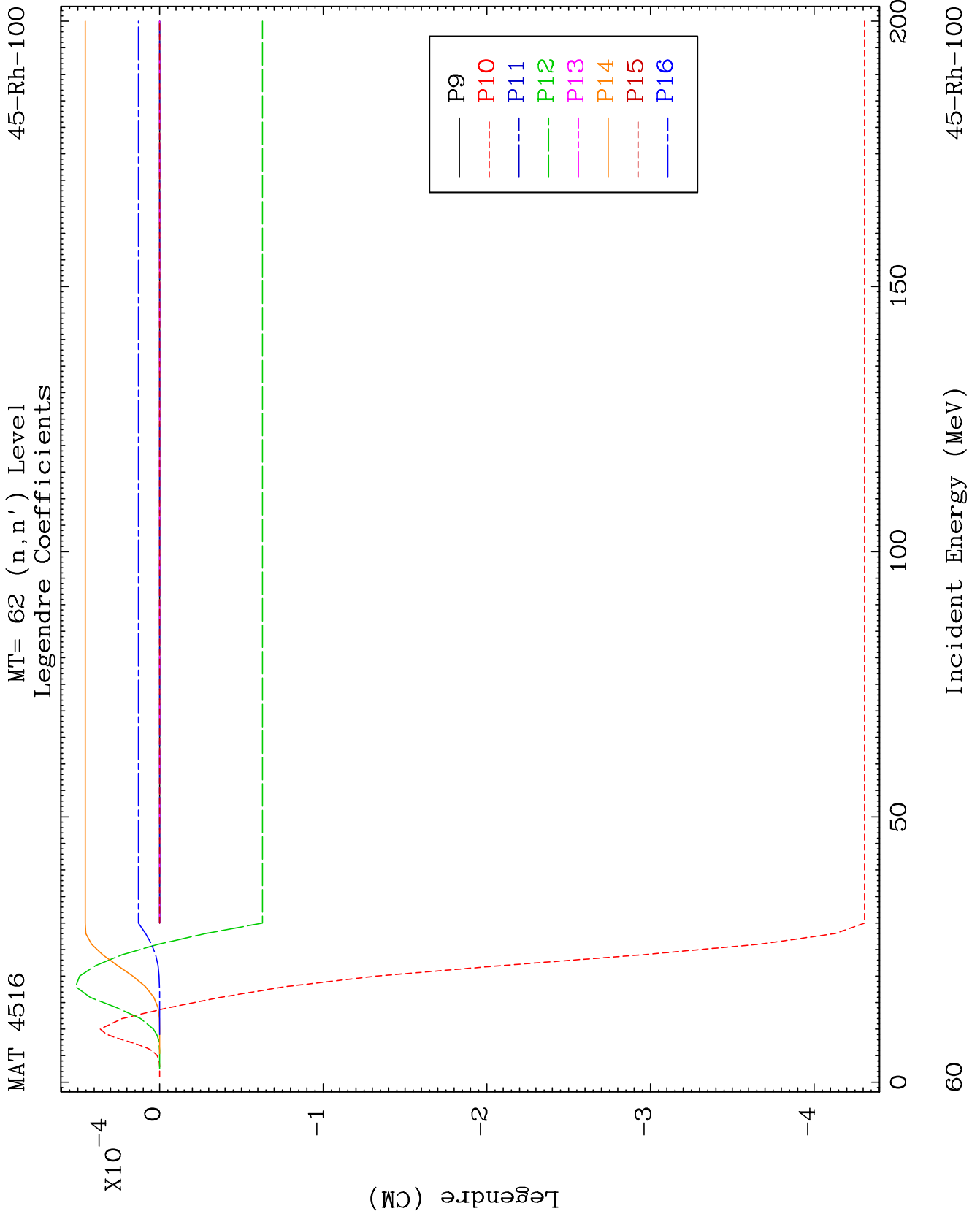


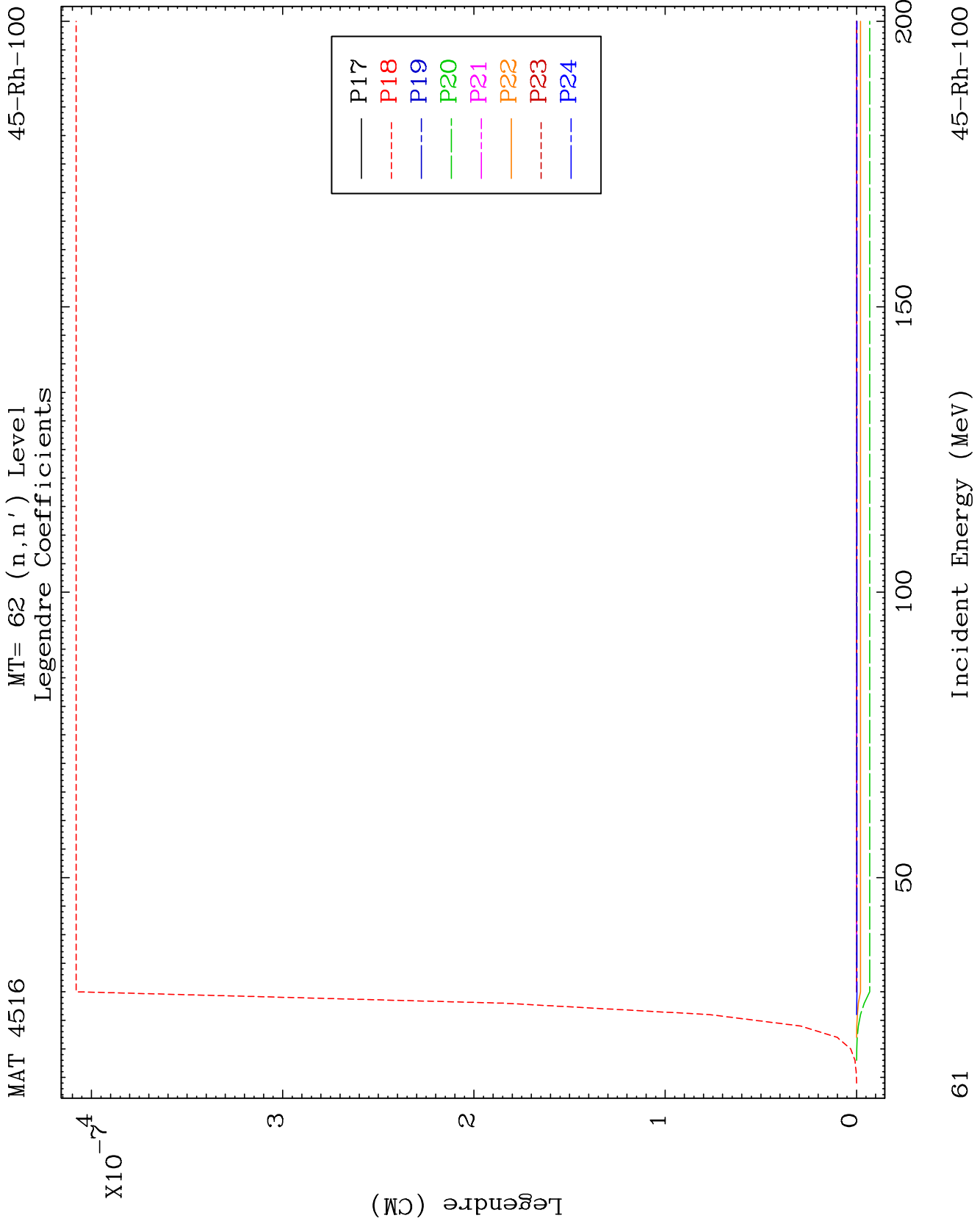


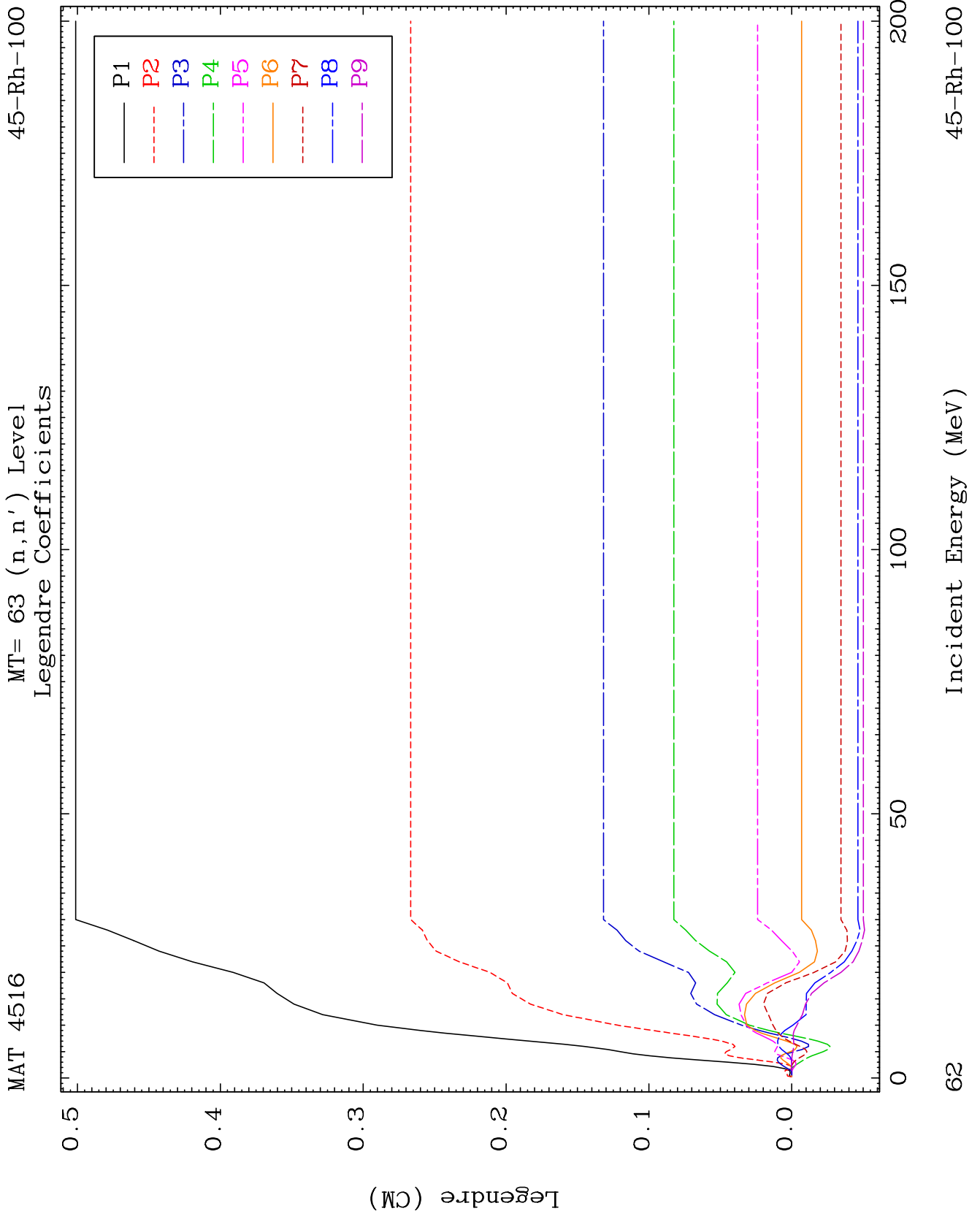


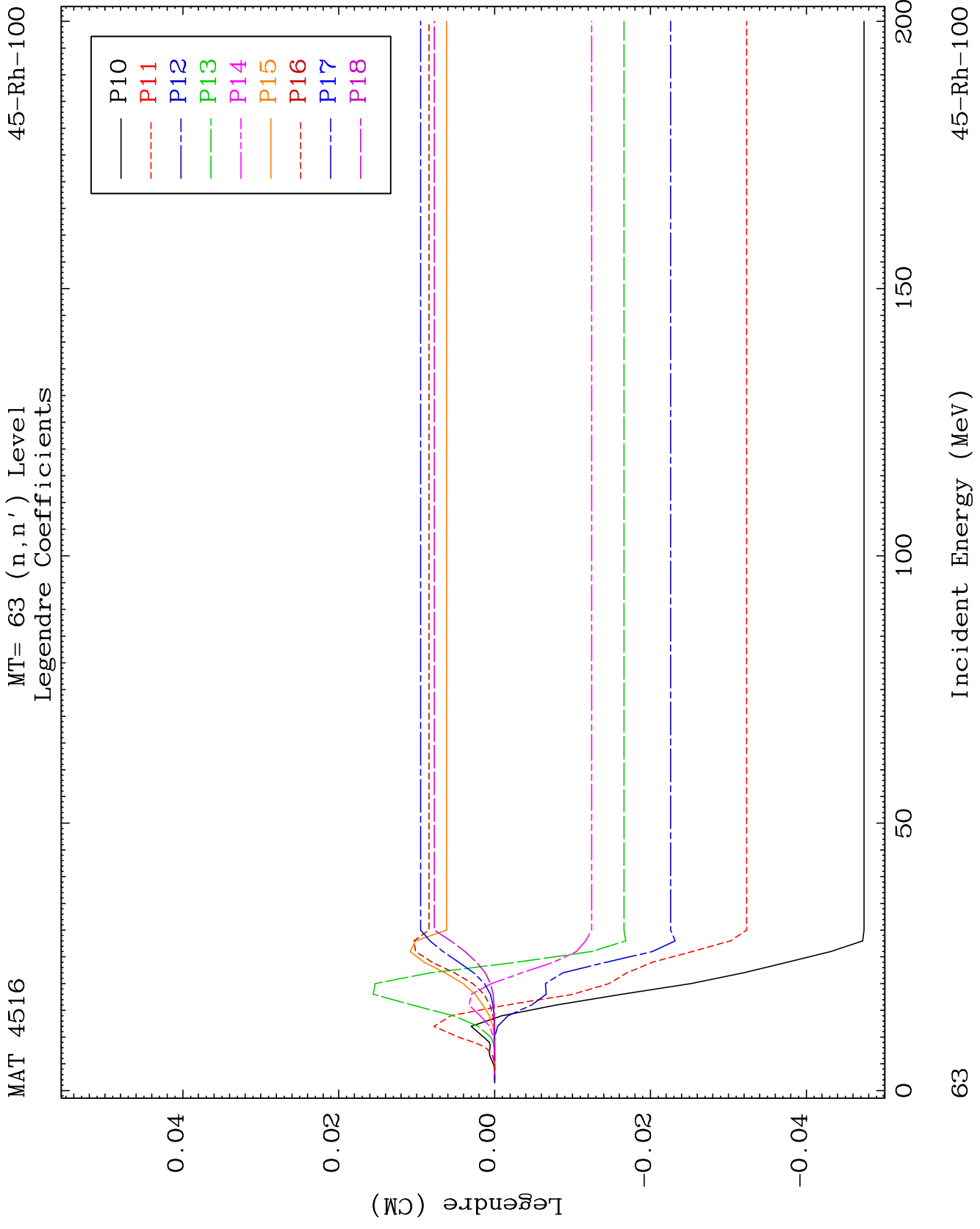


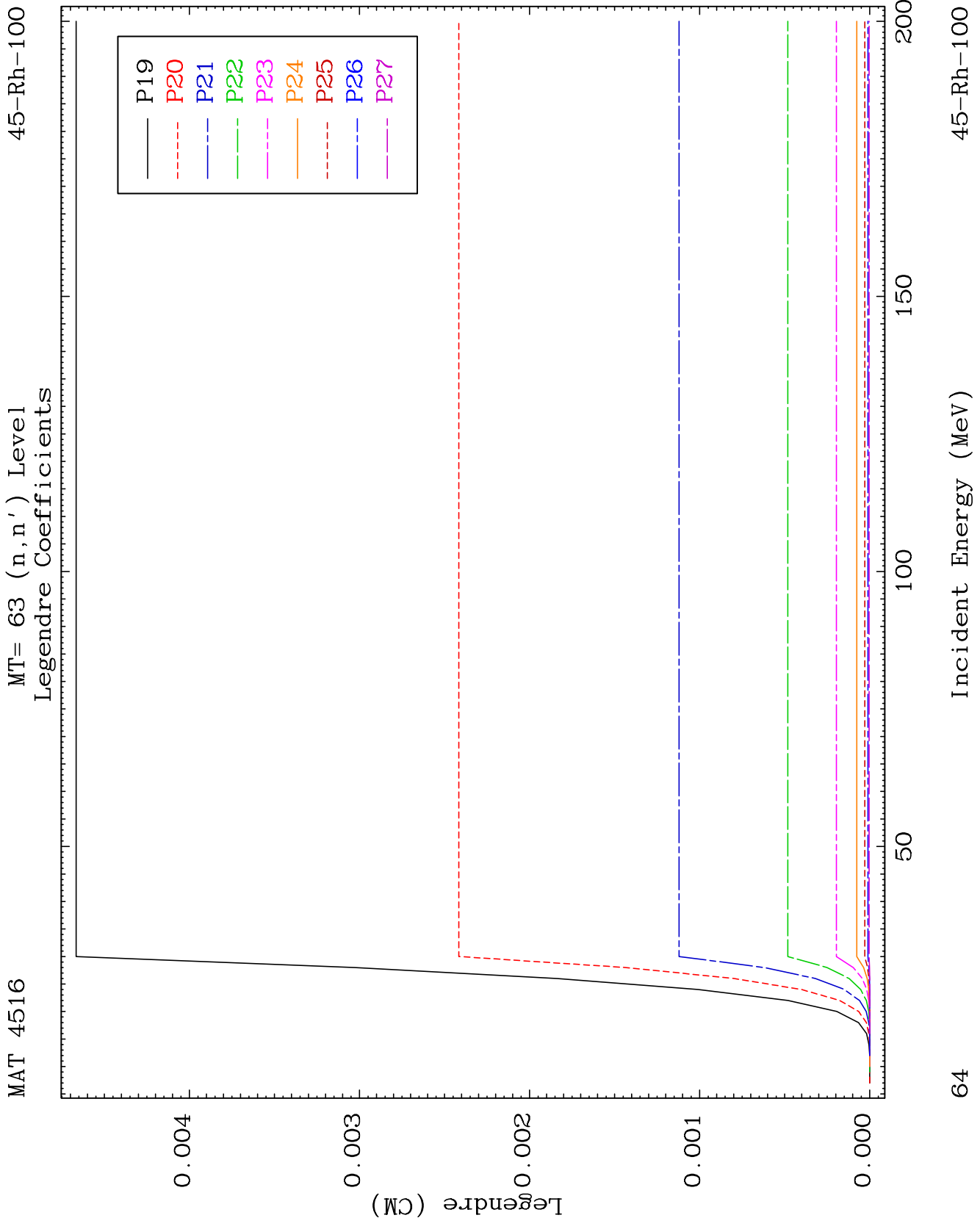


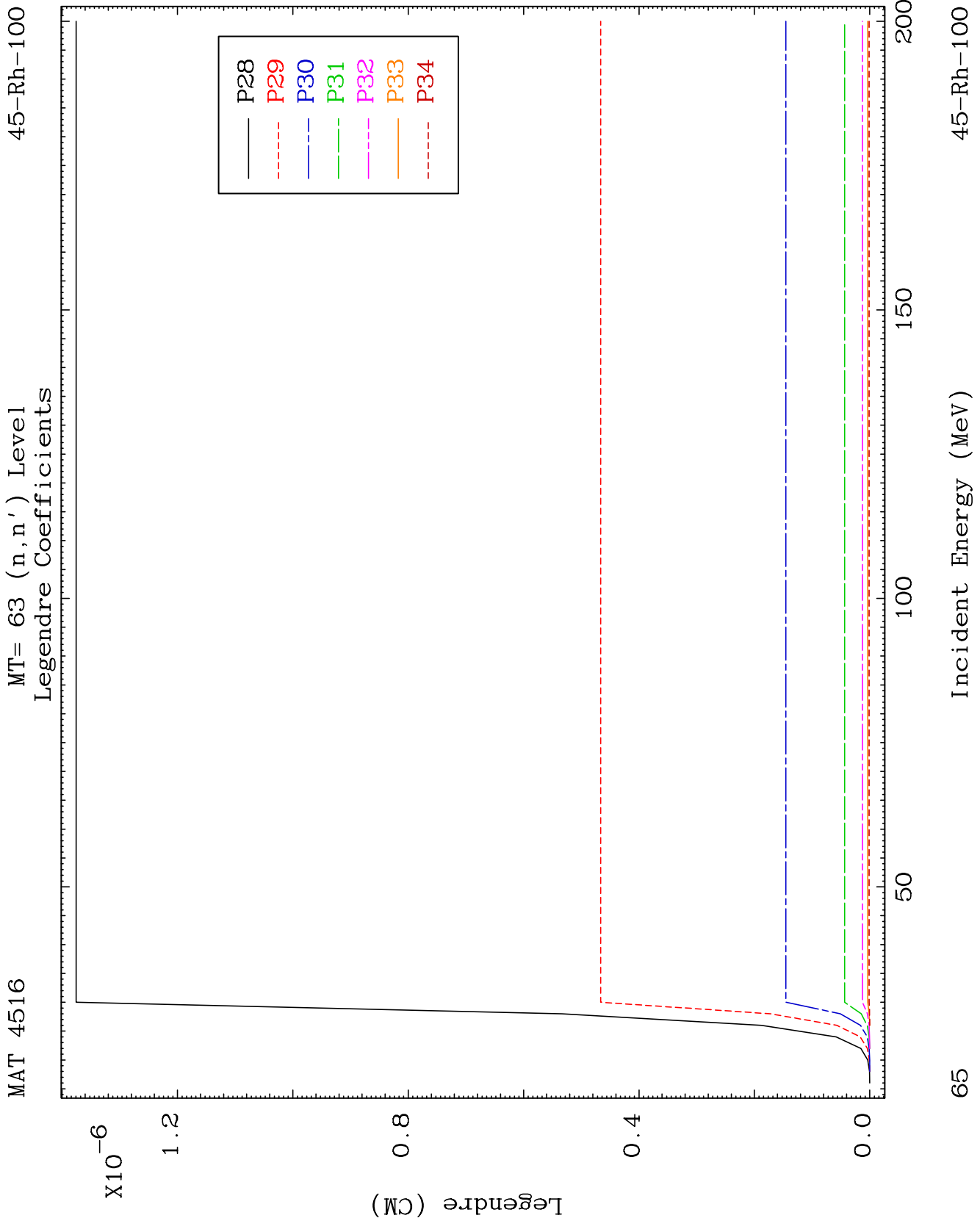


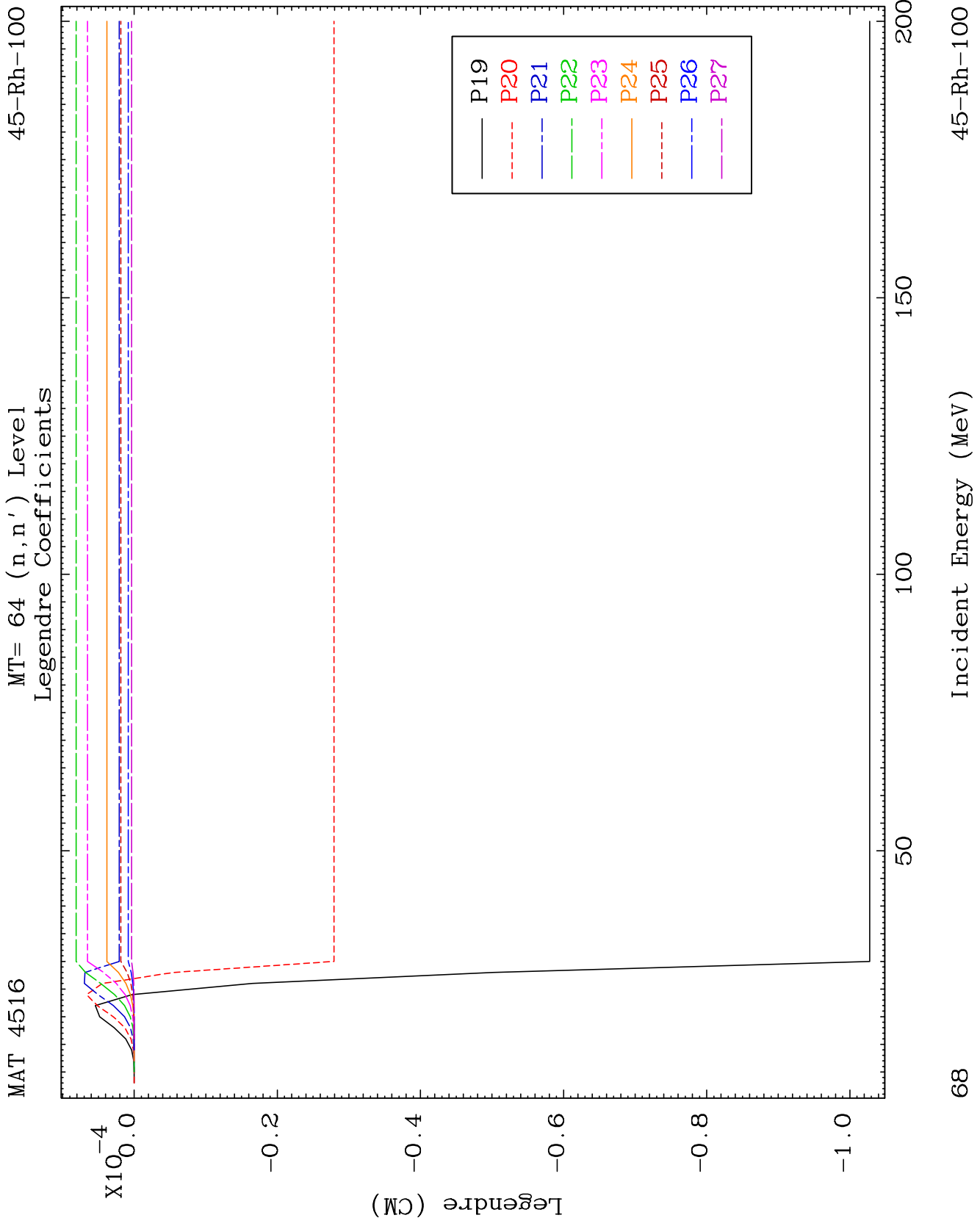








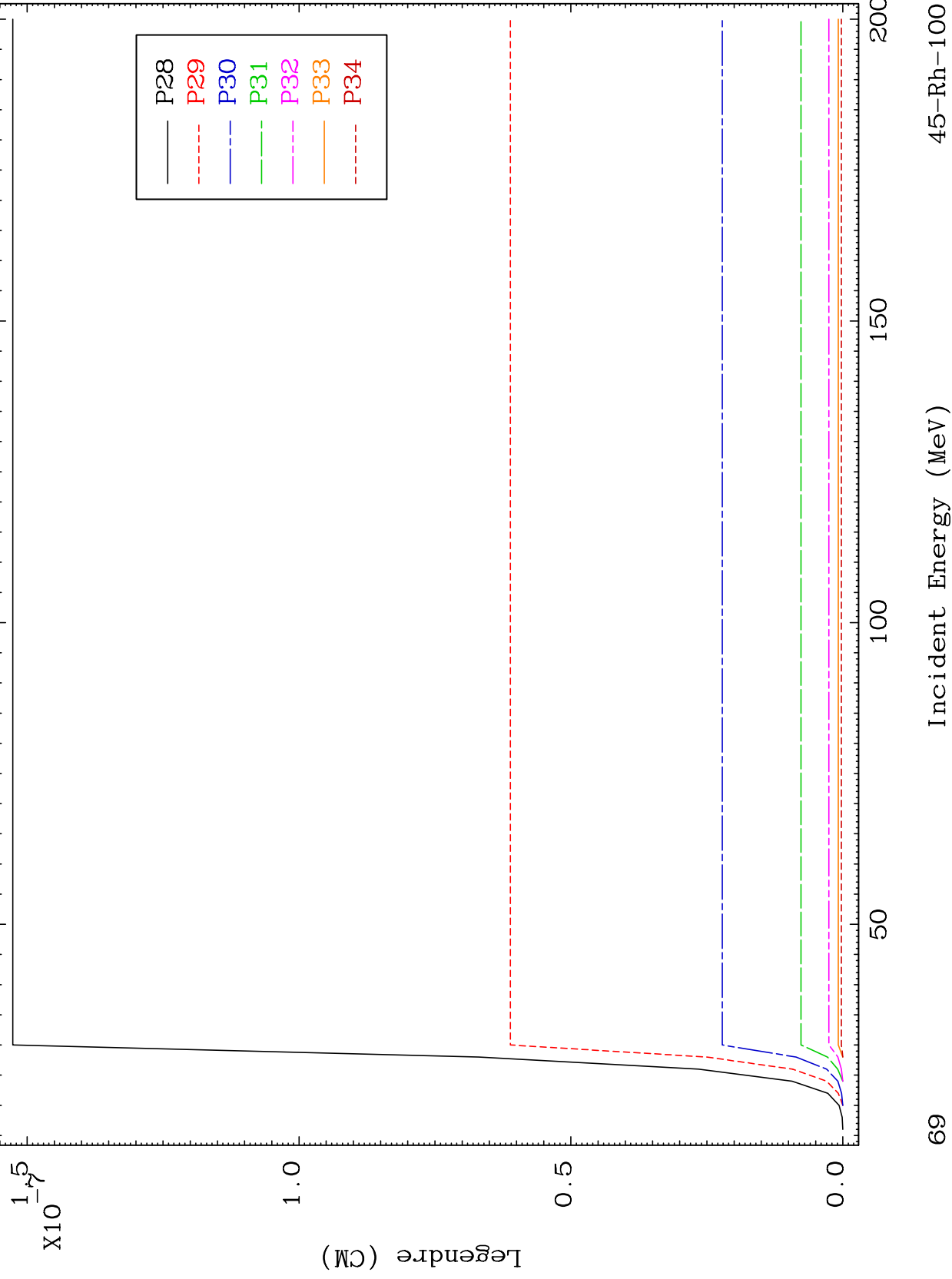


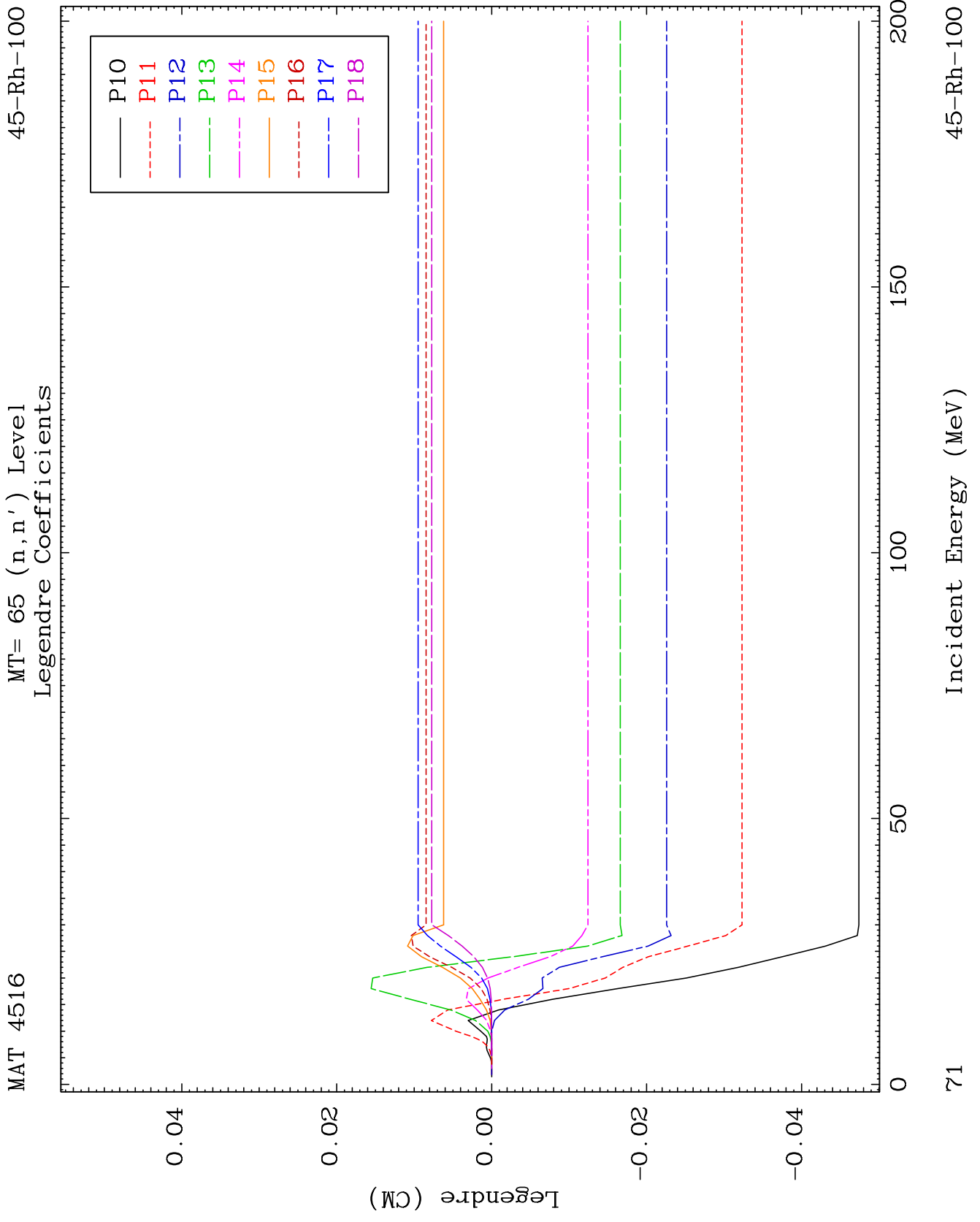


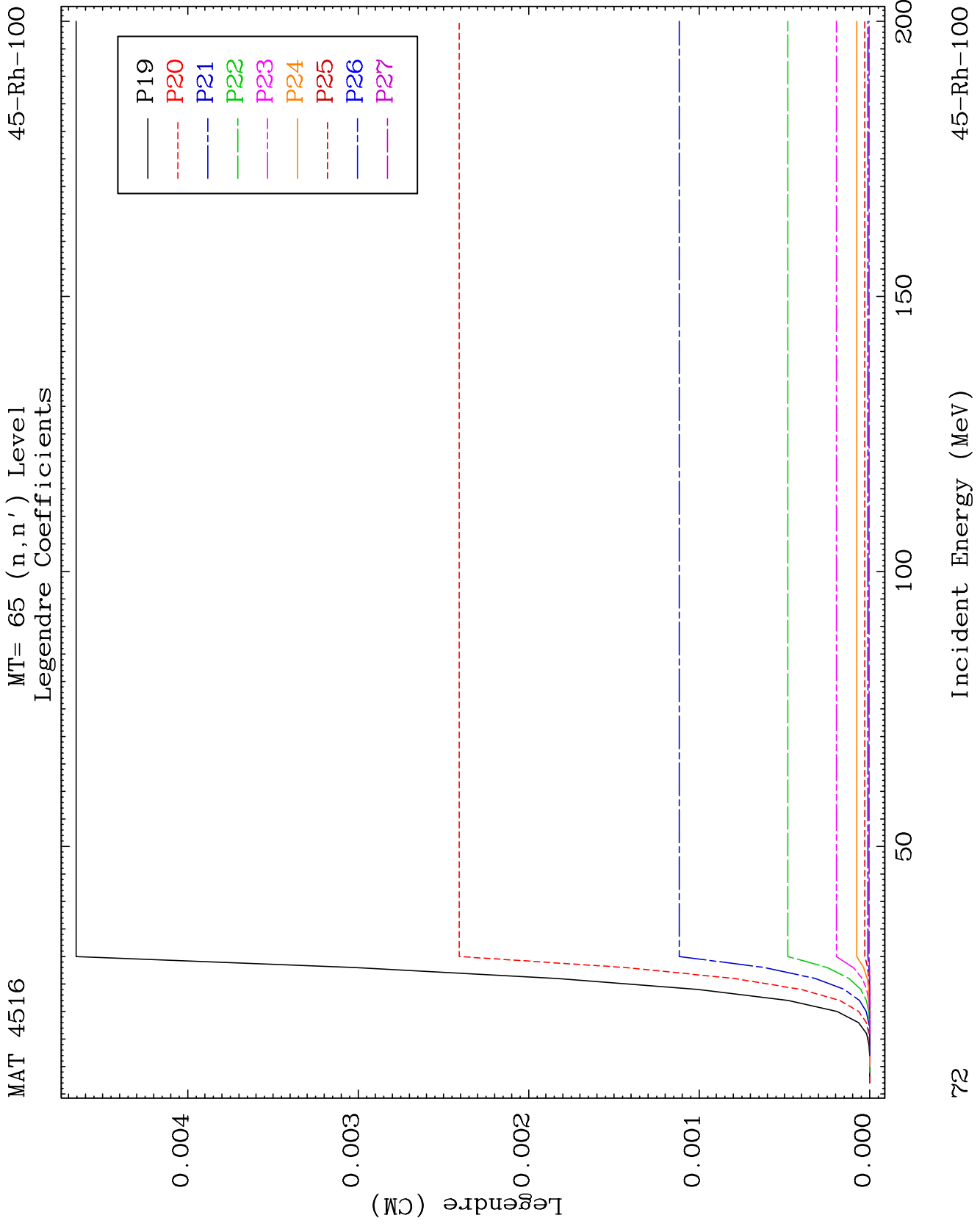
MAT 4516

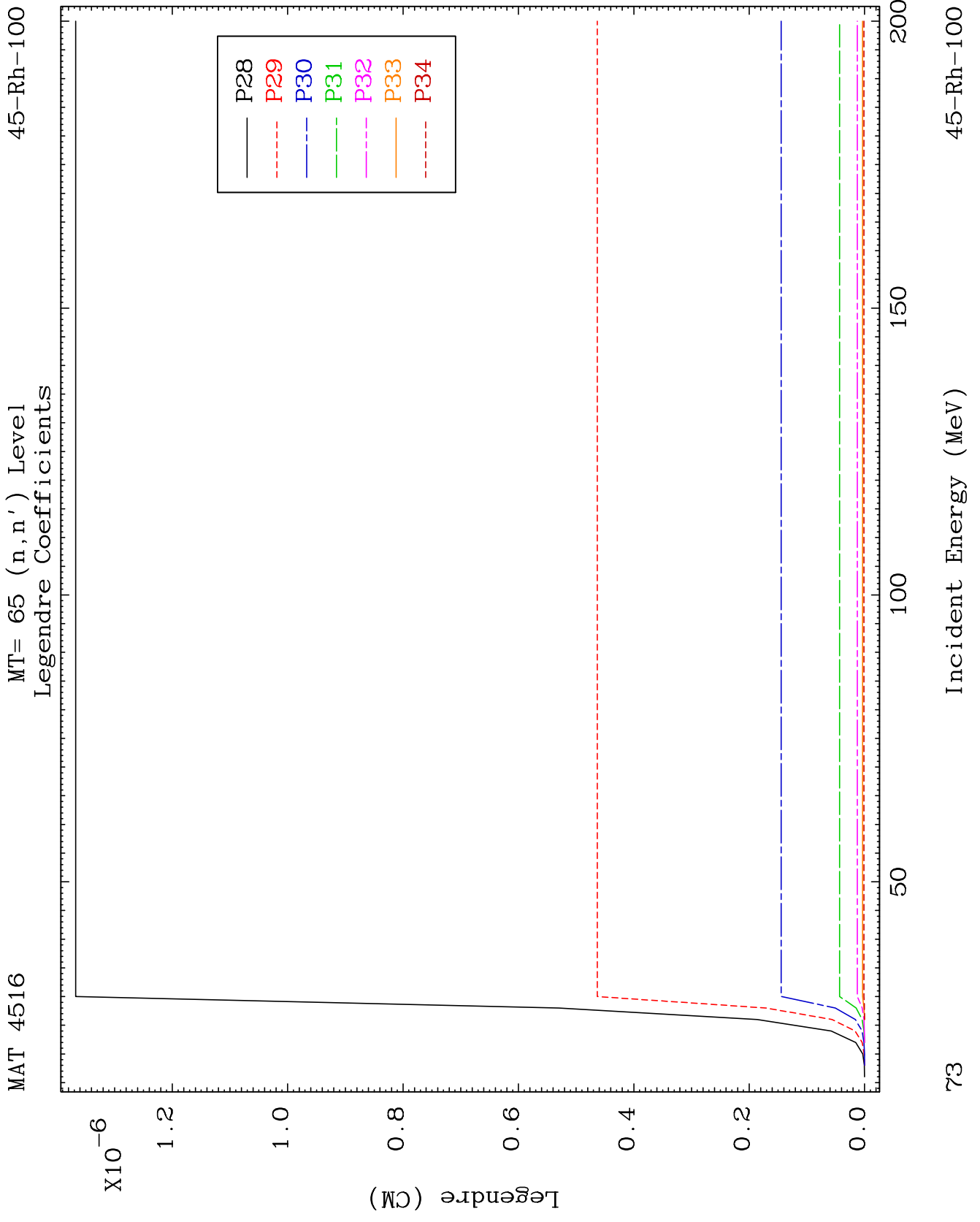
MT= 64 (n,n') Level
Legendre Coefficients

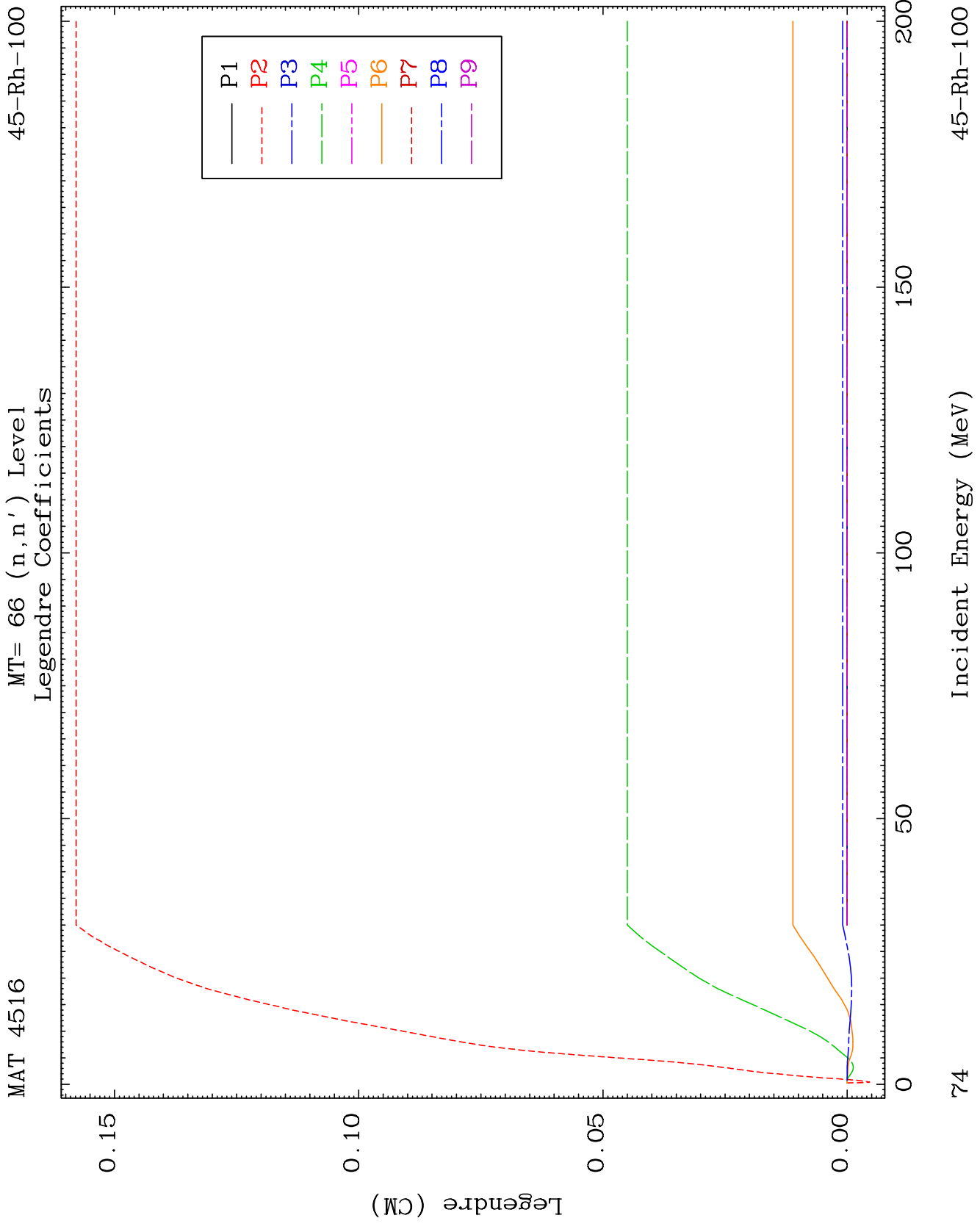
45-Rh-100

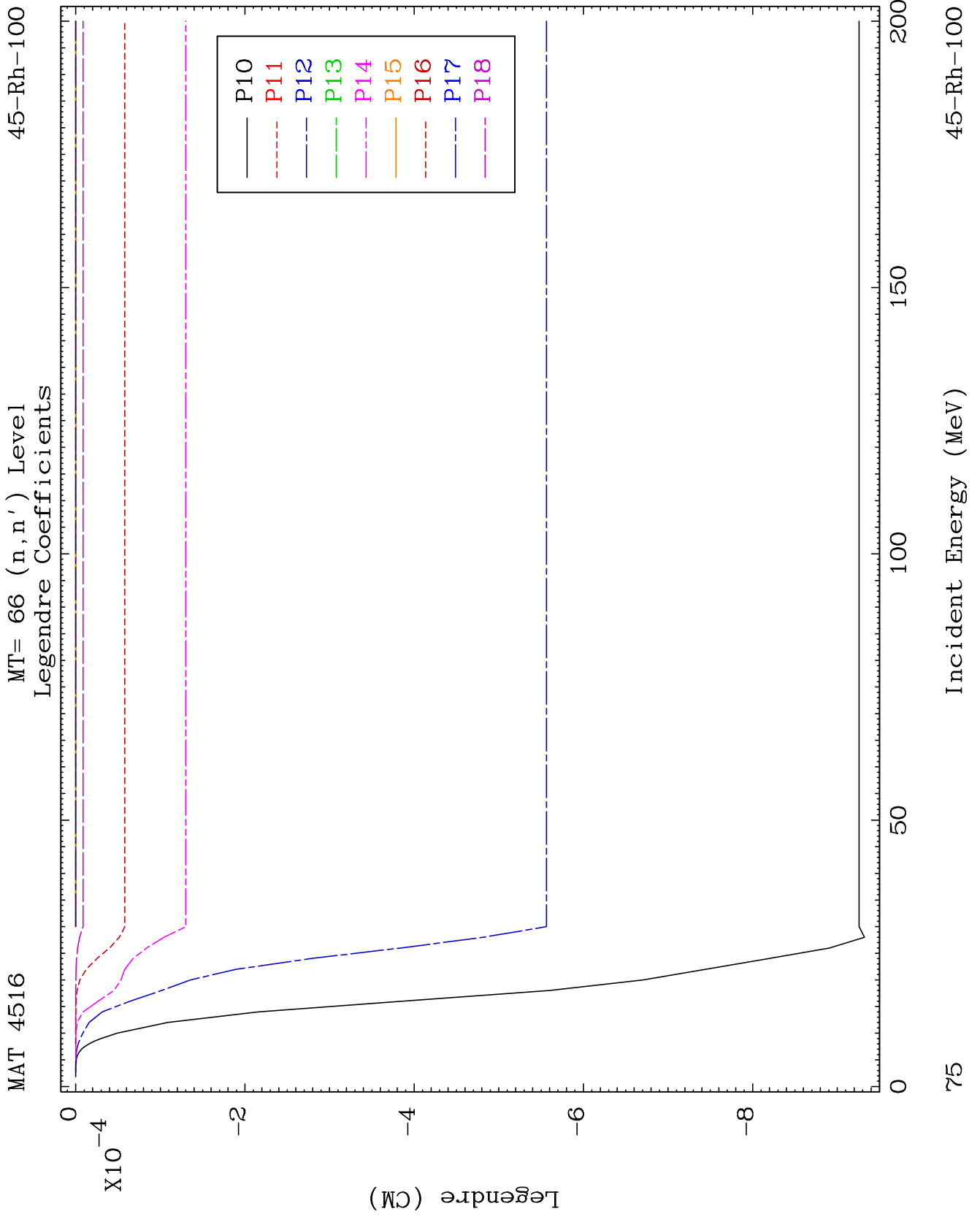


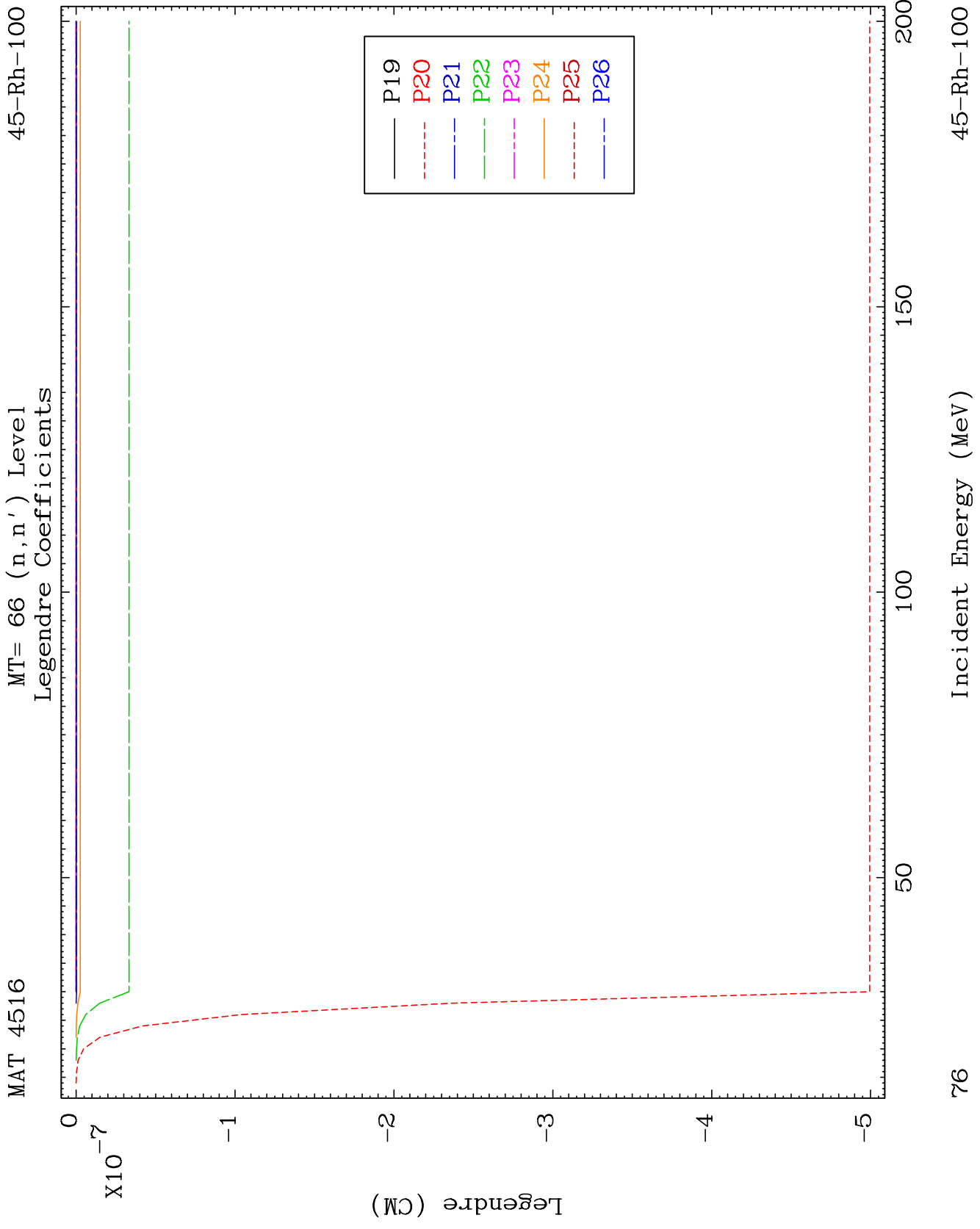


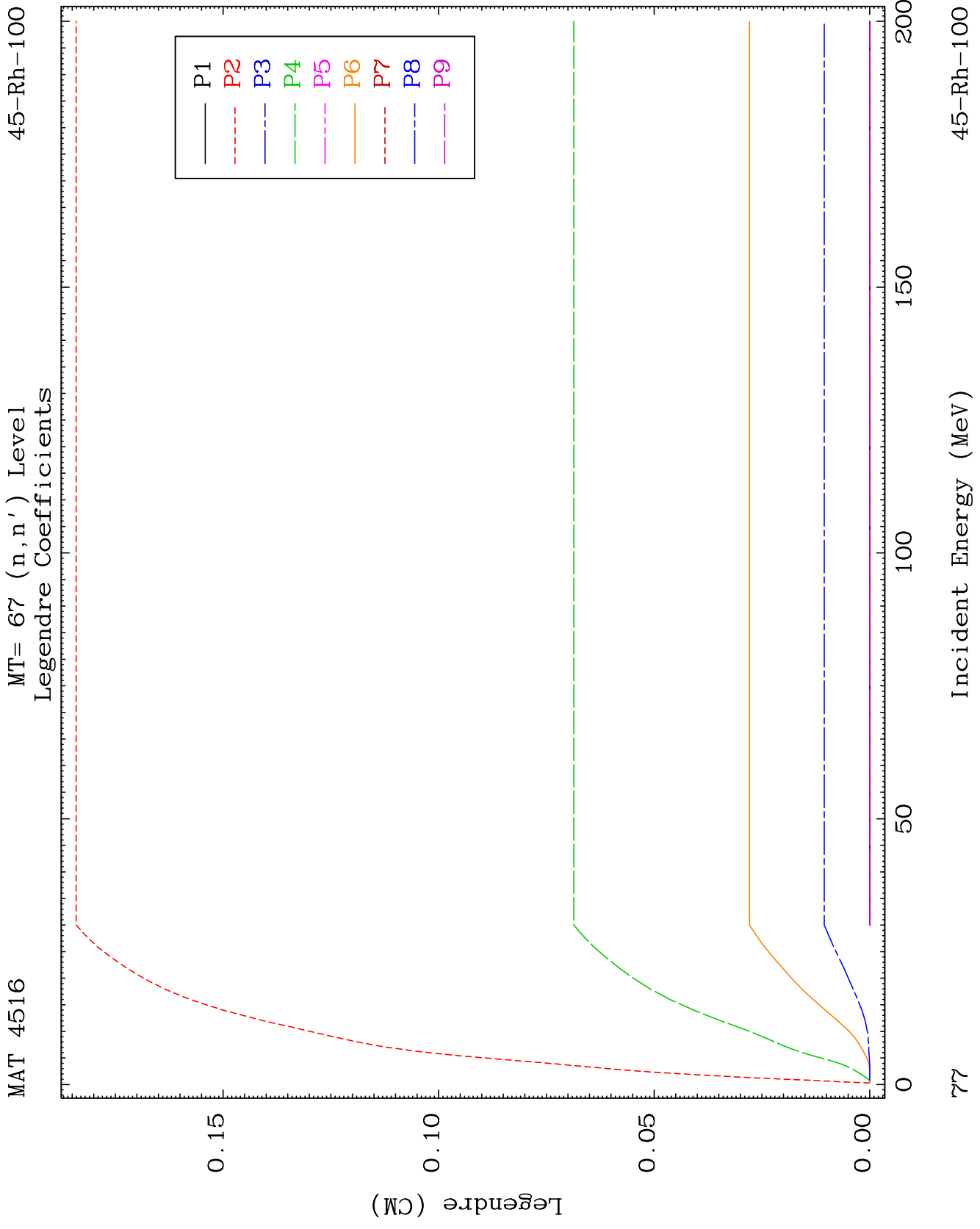








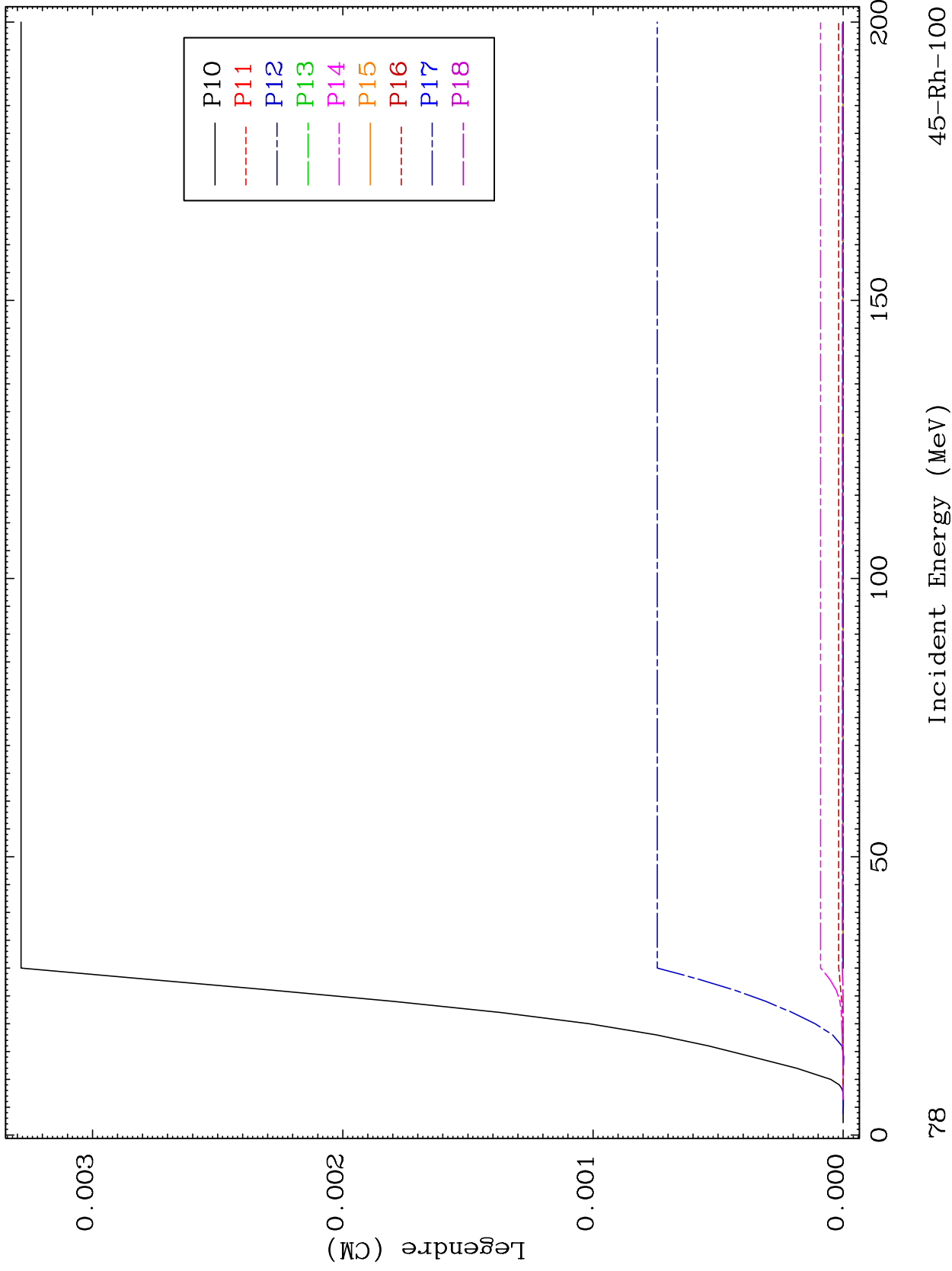




MAT 4516

MT= 67 (n,n') Level
Legendre Coefficients

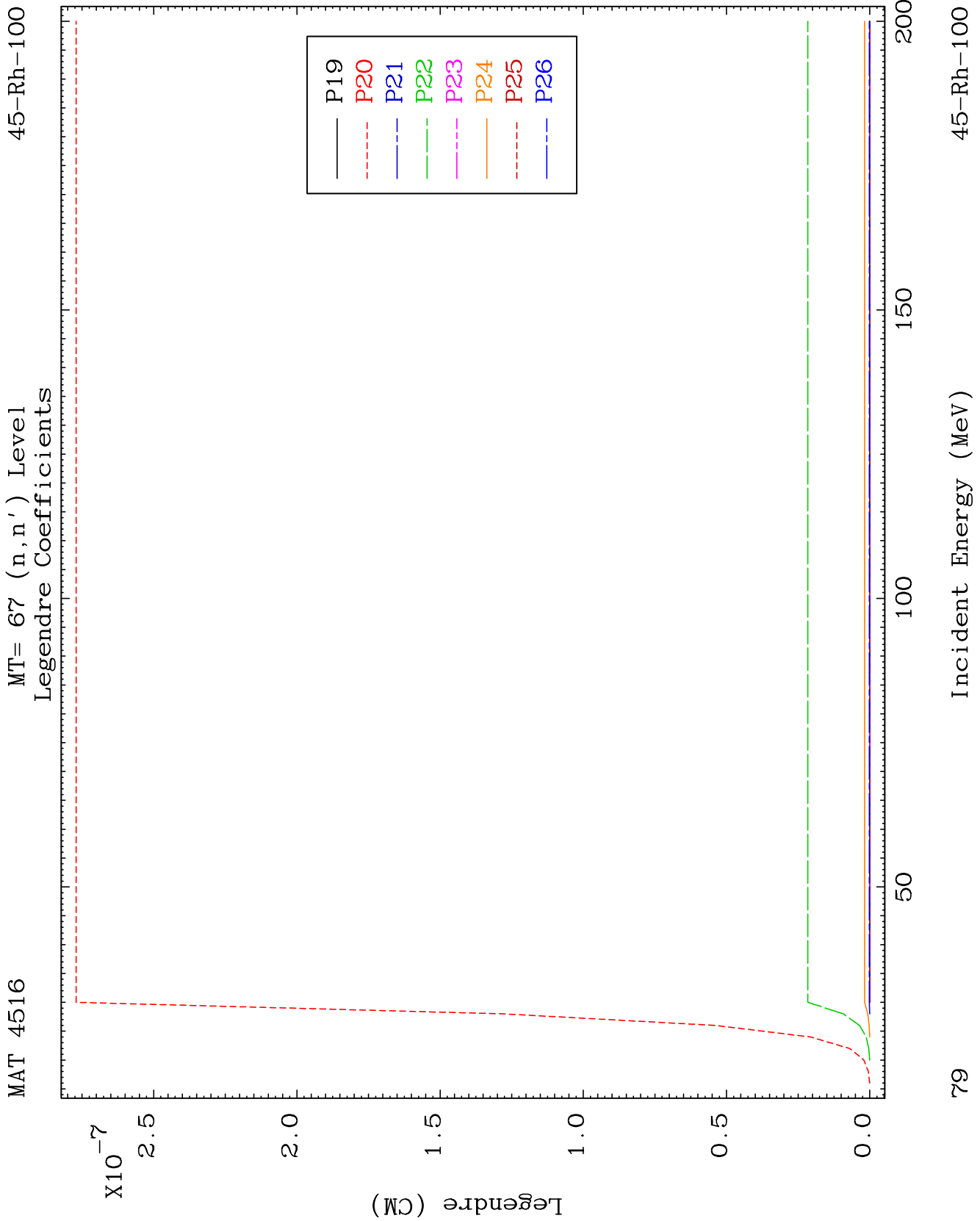
45-Rh-100

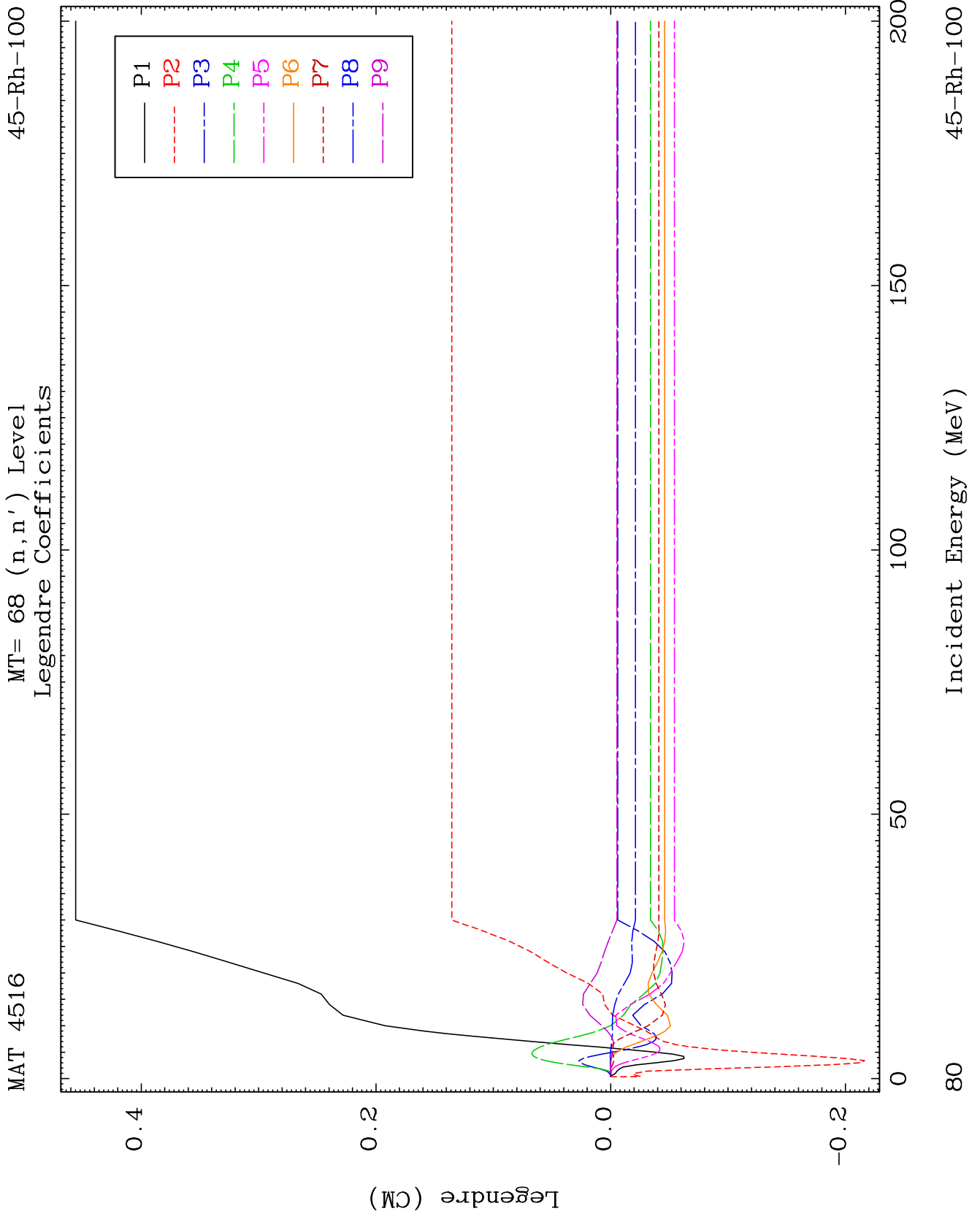


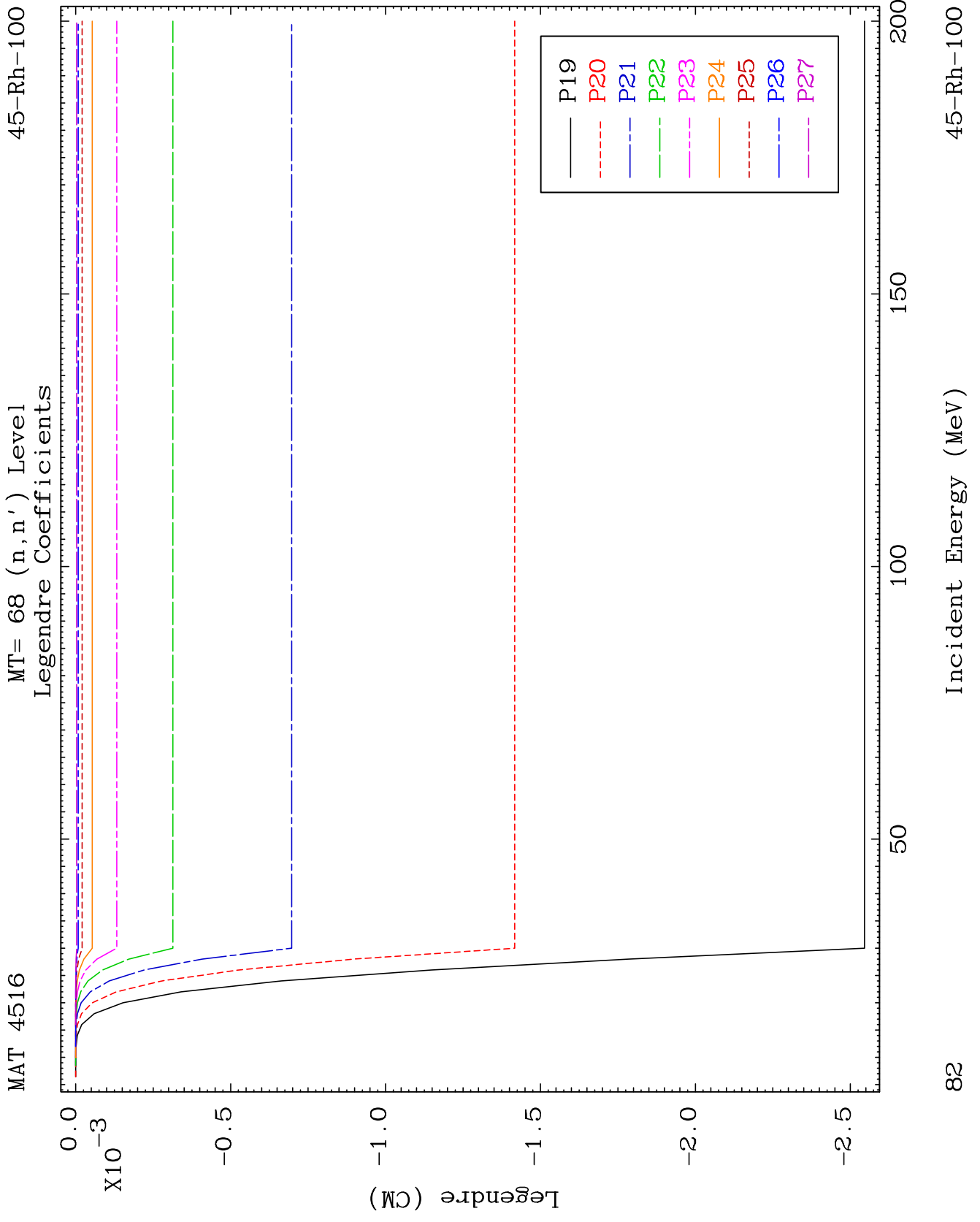
78

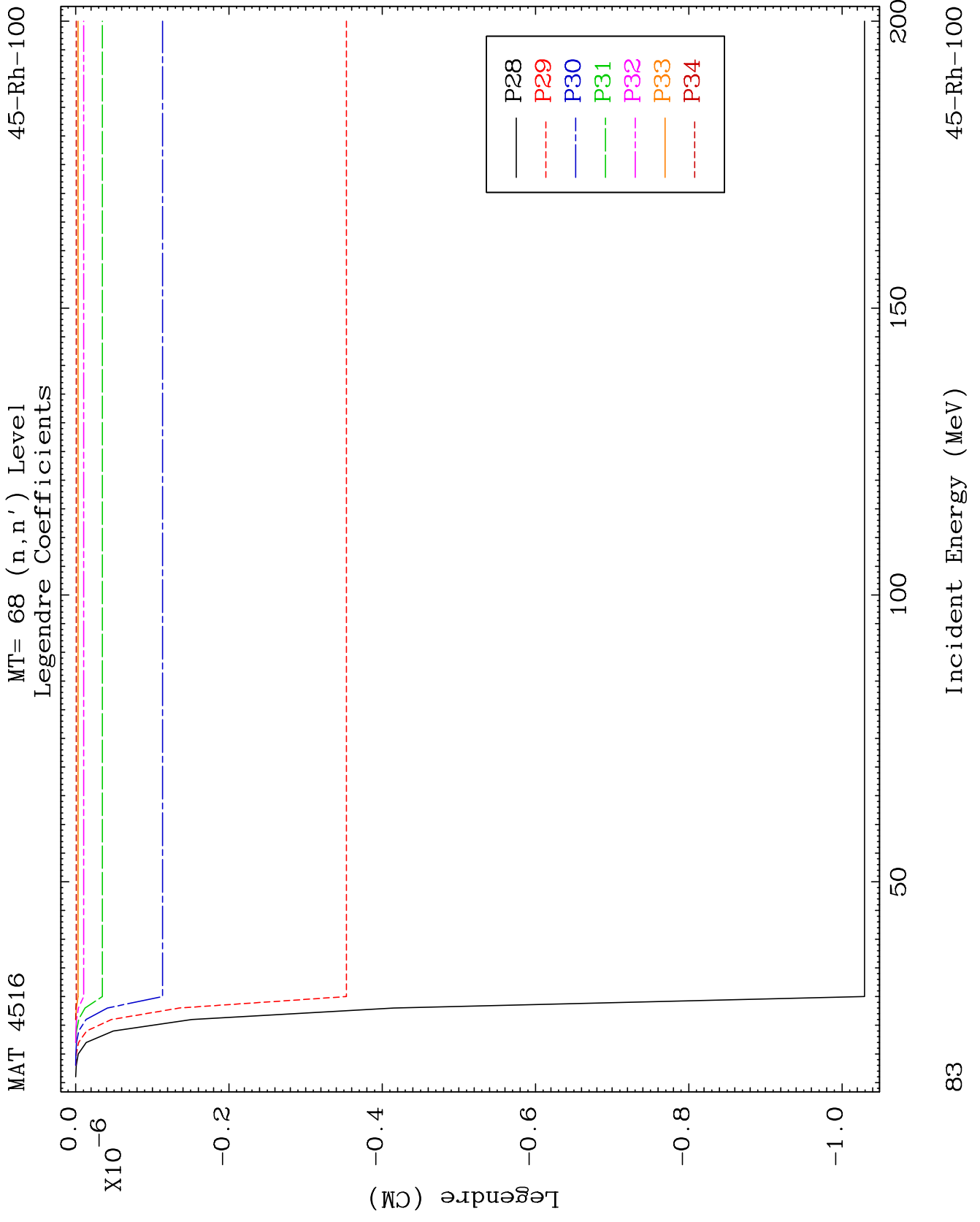
Incident Energy (MeV)

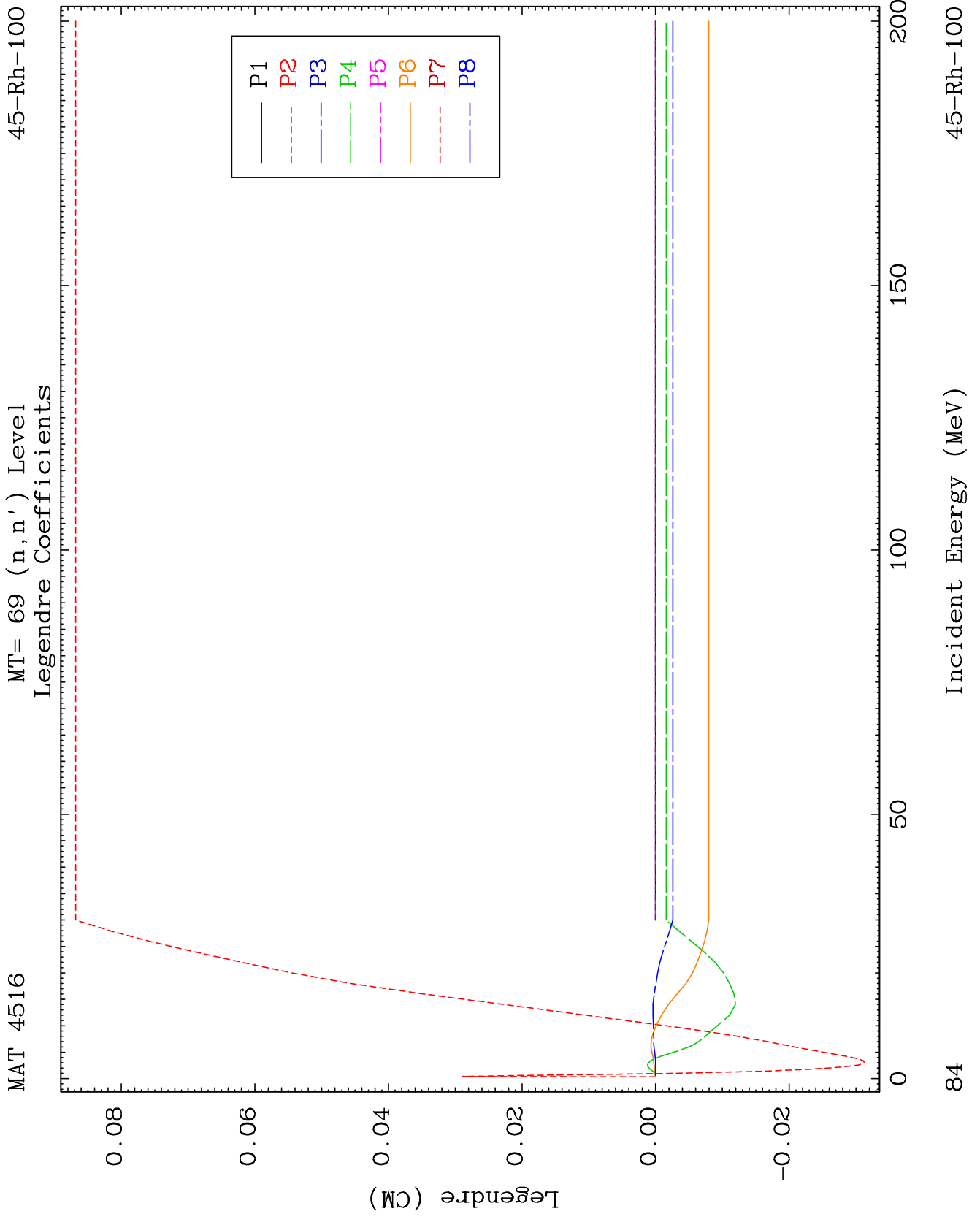
45-Rh-100

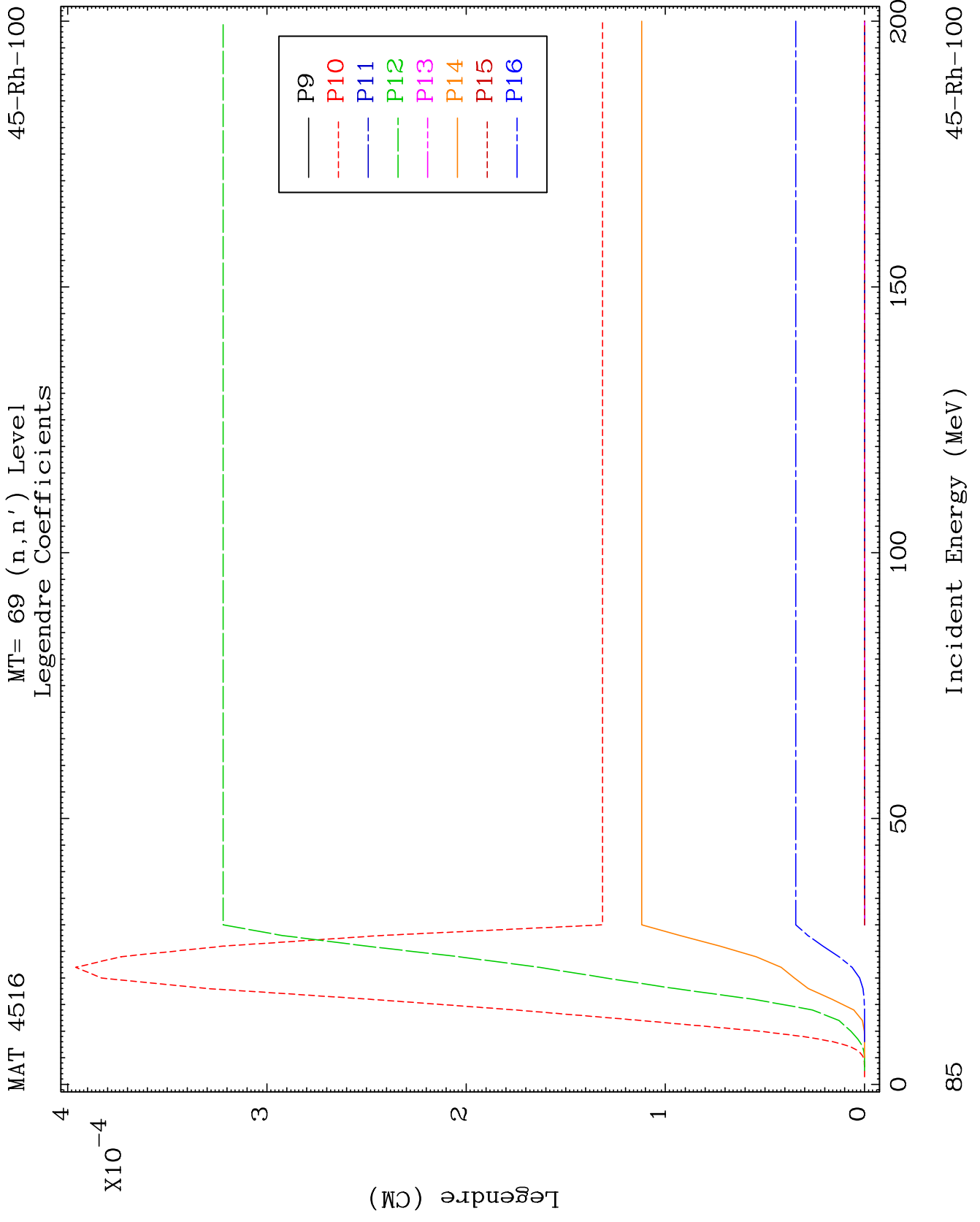


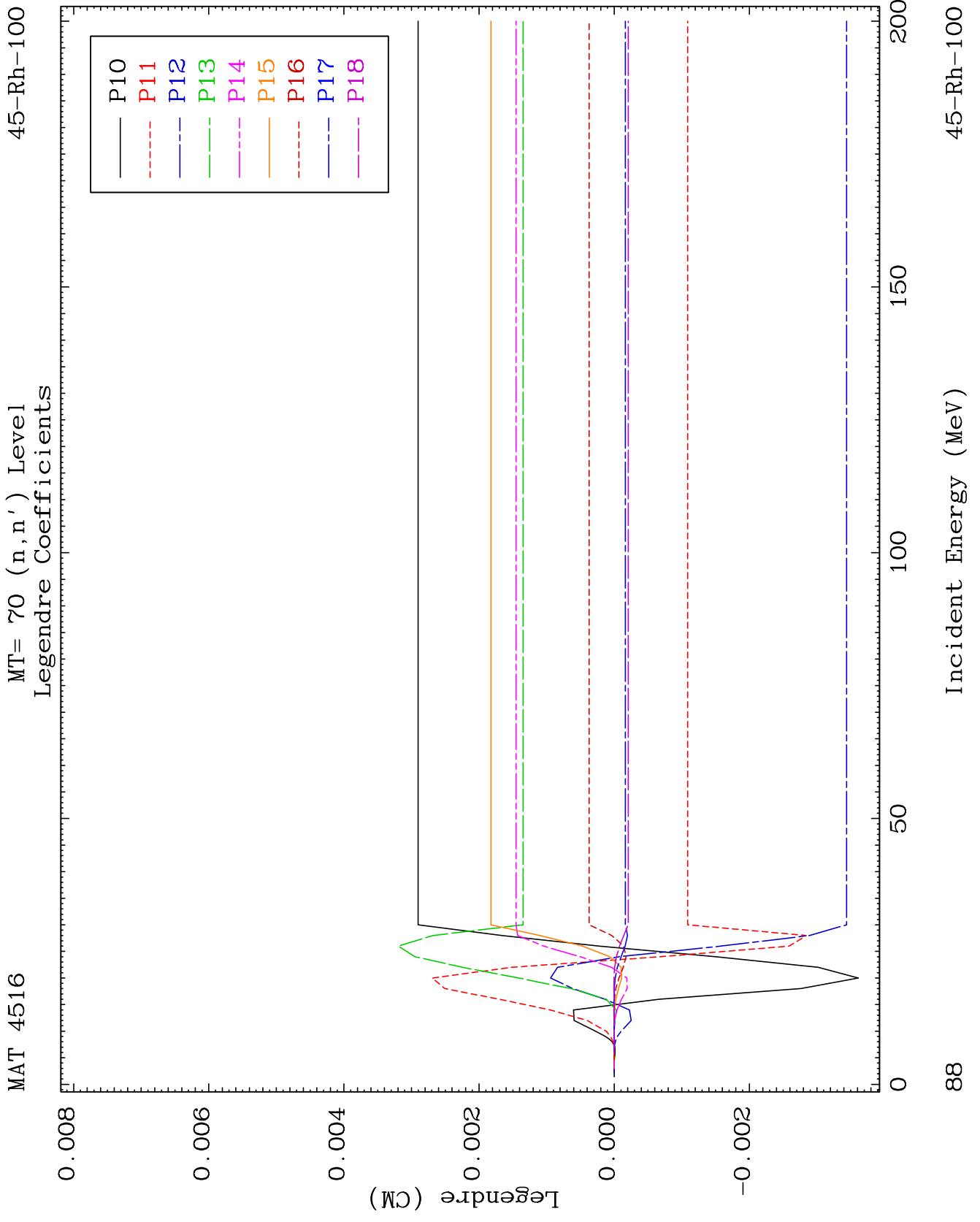


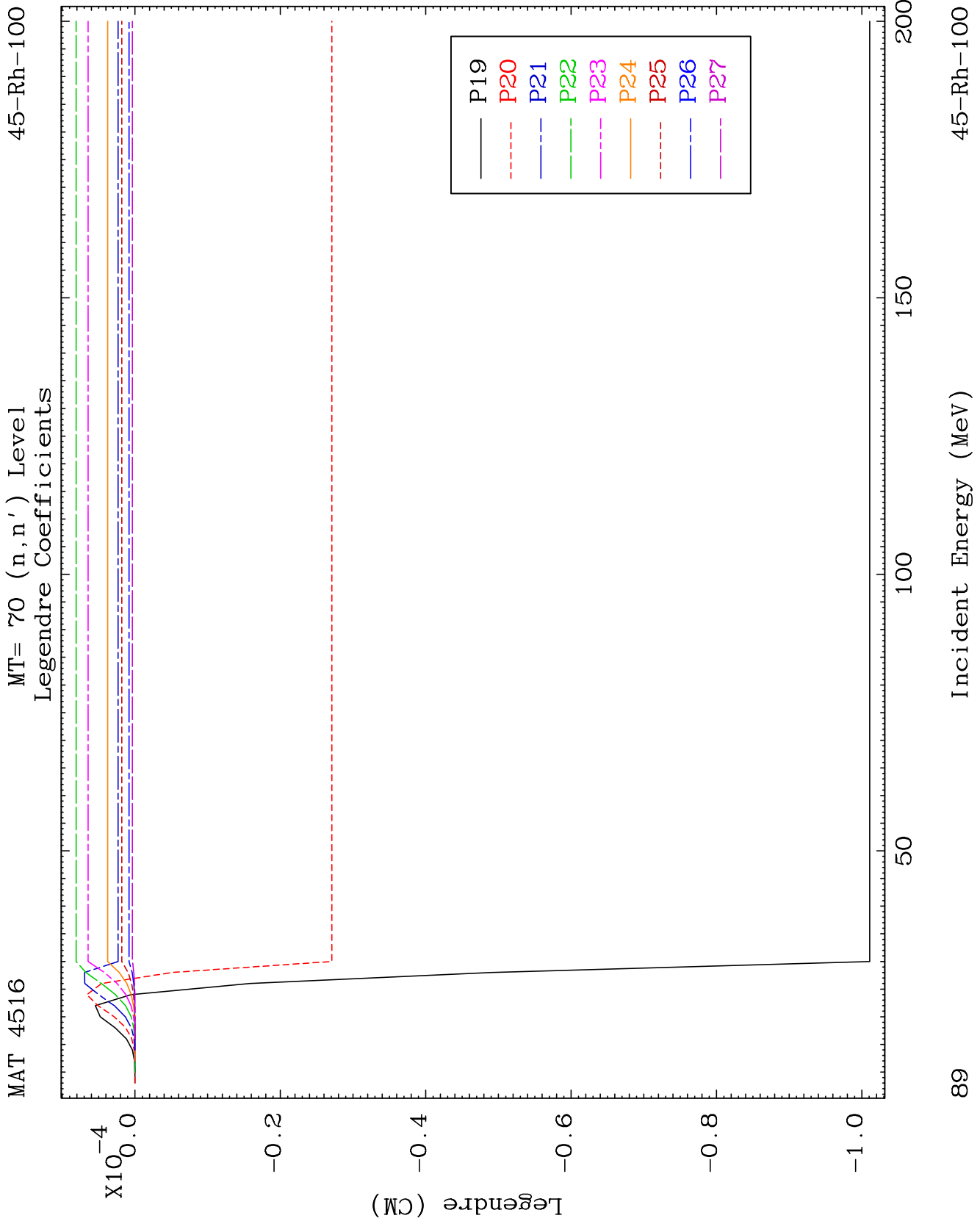


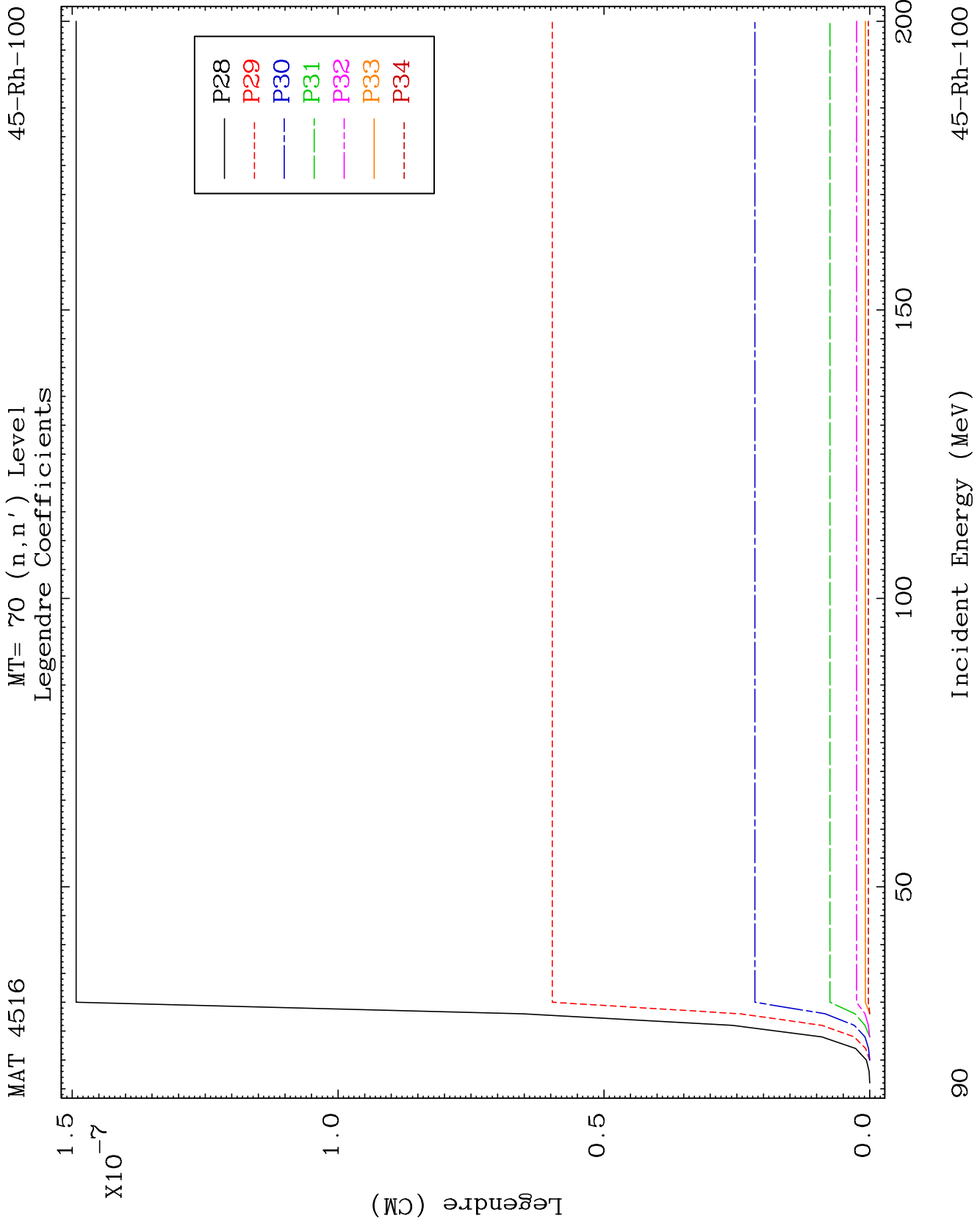


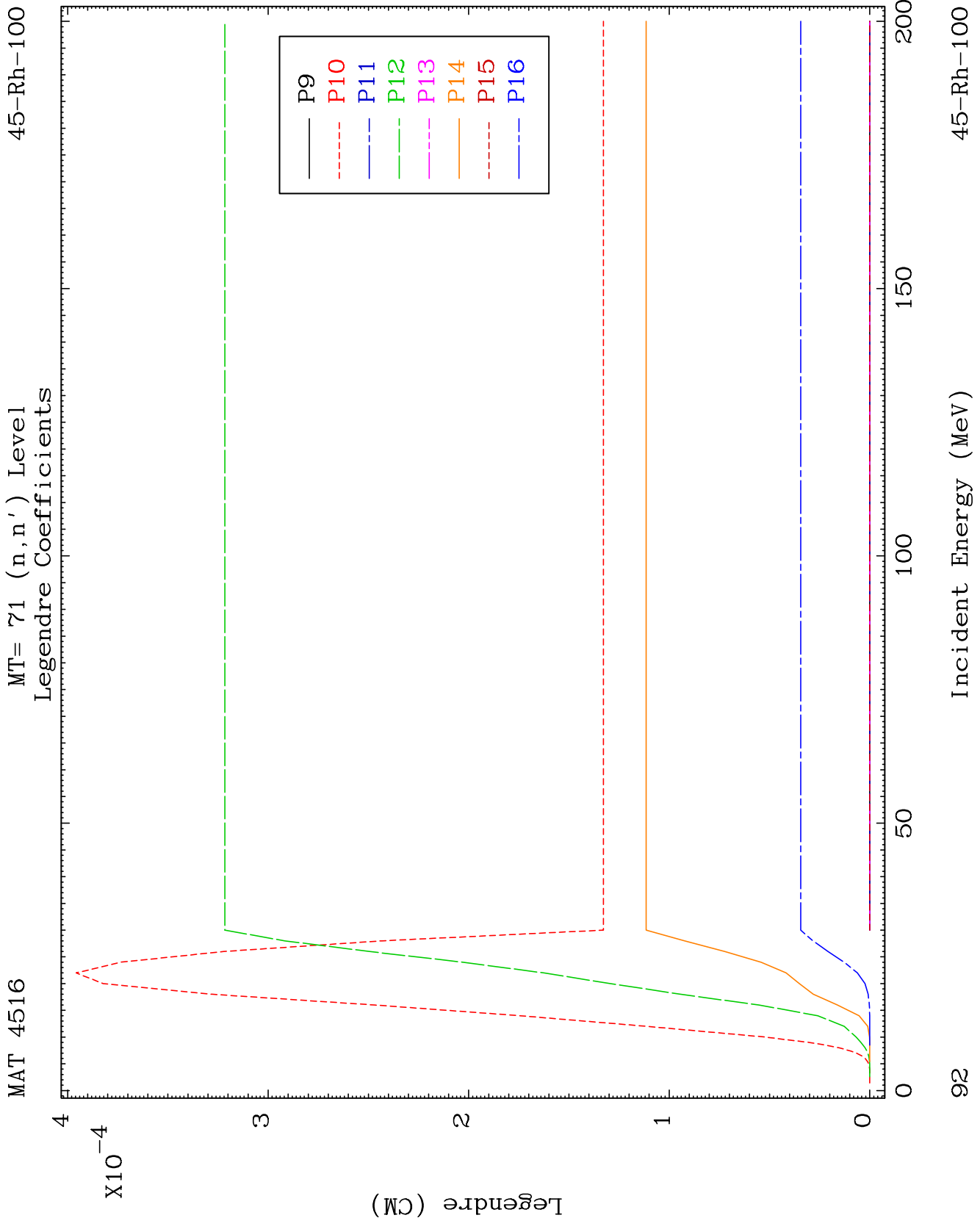


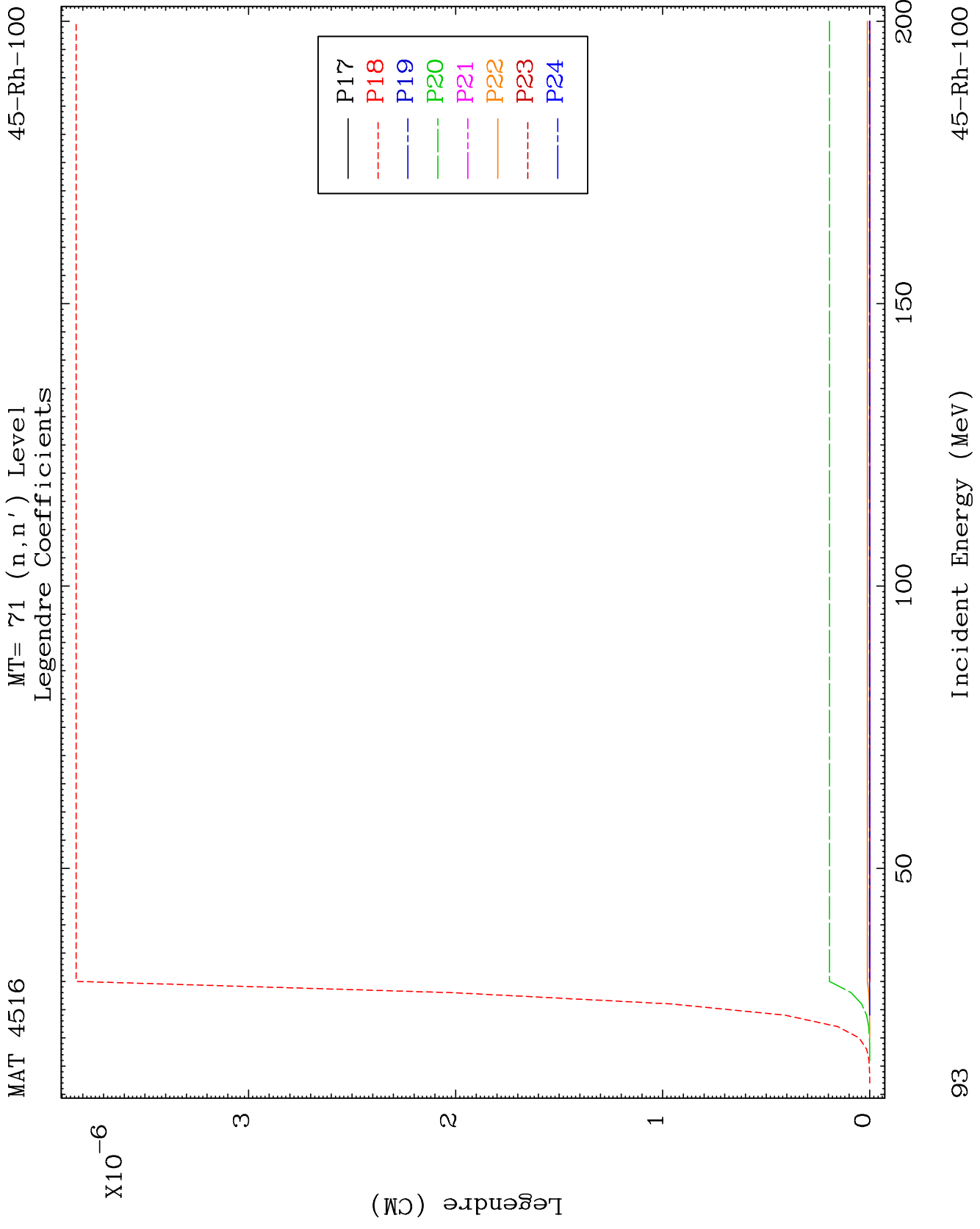








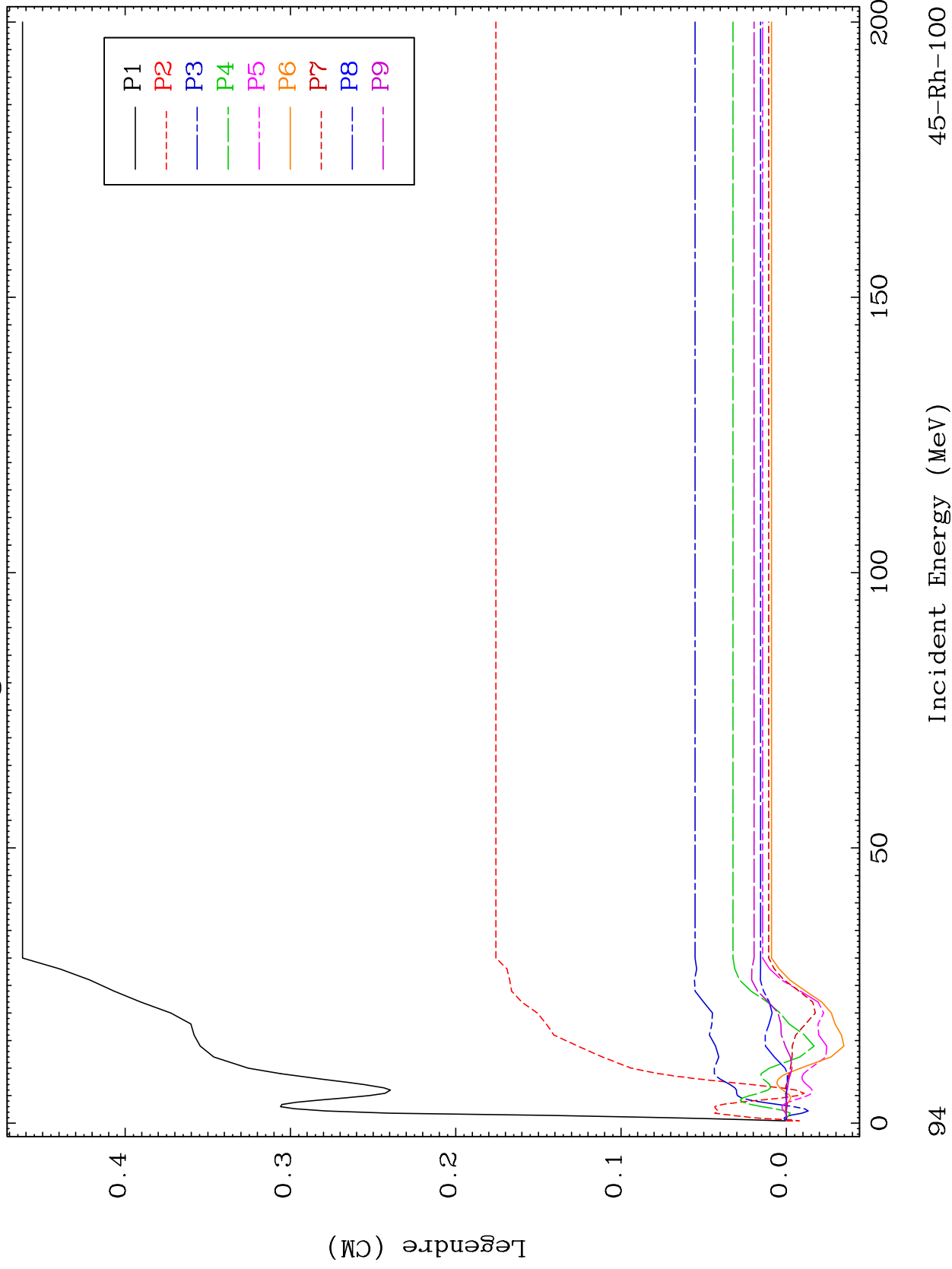




MAT 4516

MT= 72 (n,n') Level
Legendre Coefficients

45-Rh-100



94

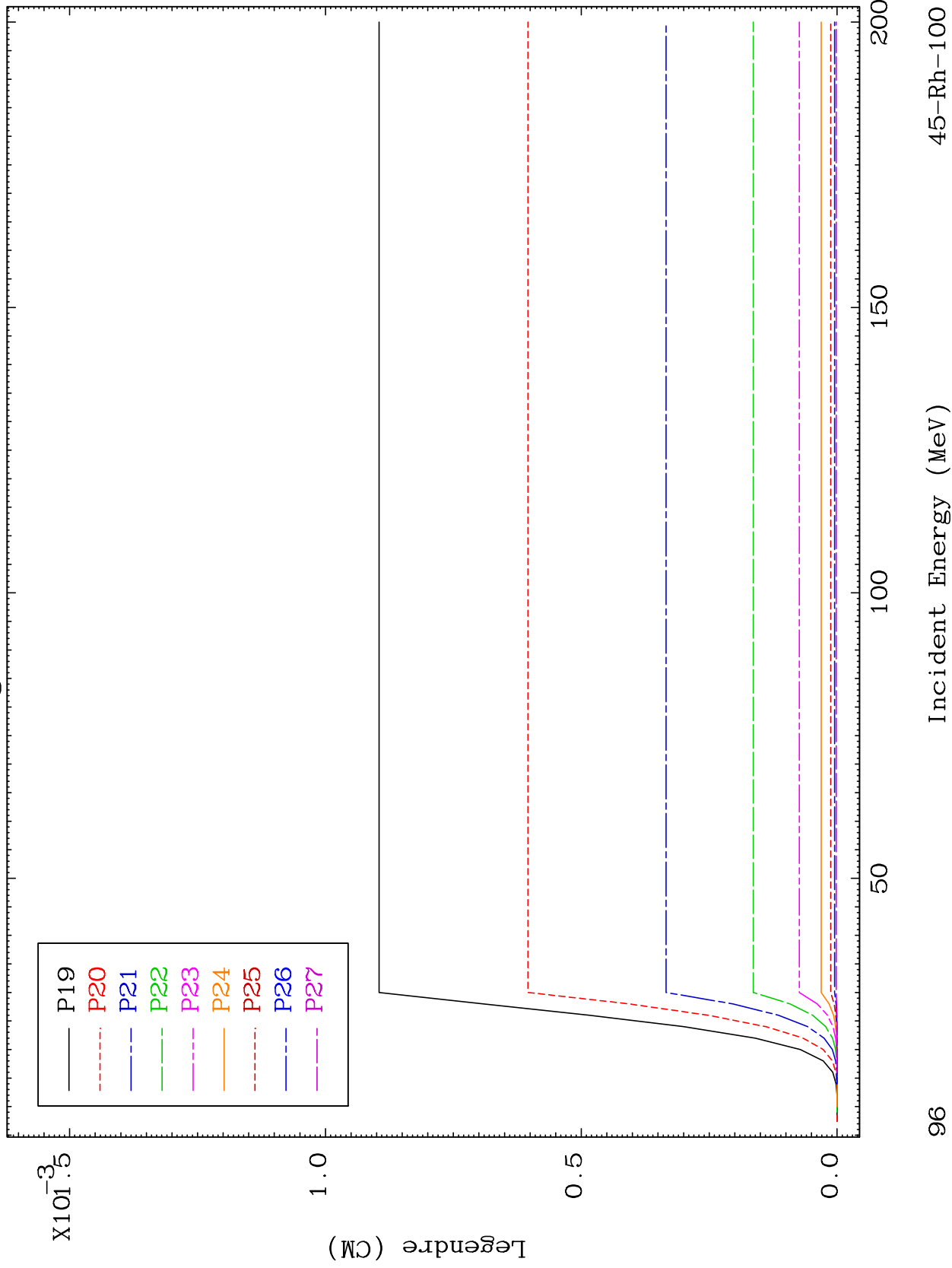
Incident Energy (MeV)

45-Rh-100

MAT 4516

MT= 72 (n,n') Level
Legendre Coefficients

45-Rh-100



96

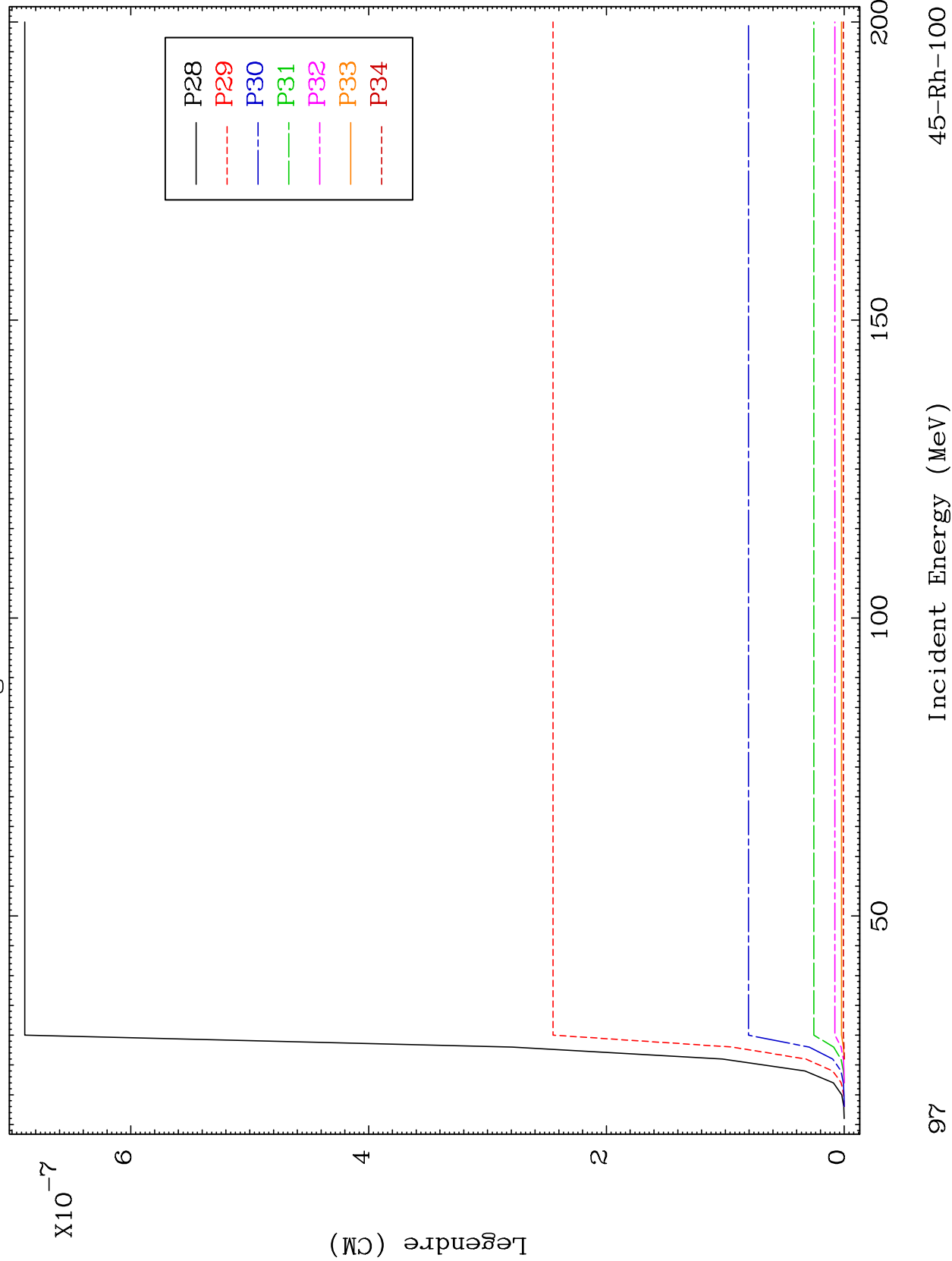
Incident Energy (MeV)

45-Rh-100

MAT 4516

MT= 72 (n,n') Level
Legendre Coefficients

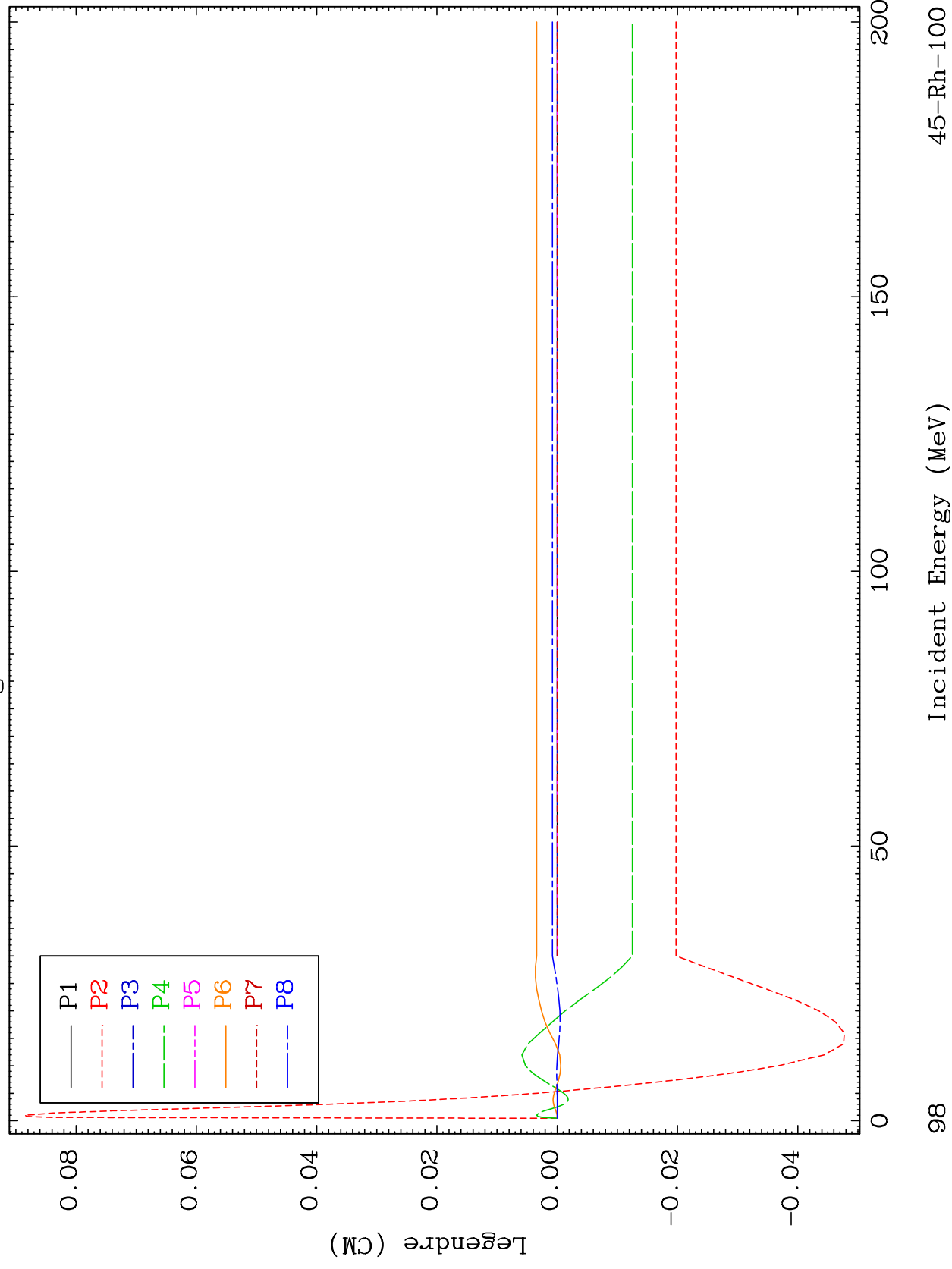
45-Rh-100



MAT 4516

MT= 73 (n,n') Level
Legendre Coefficients

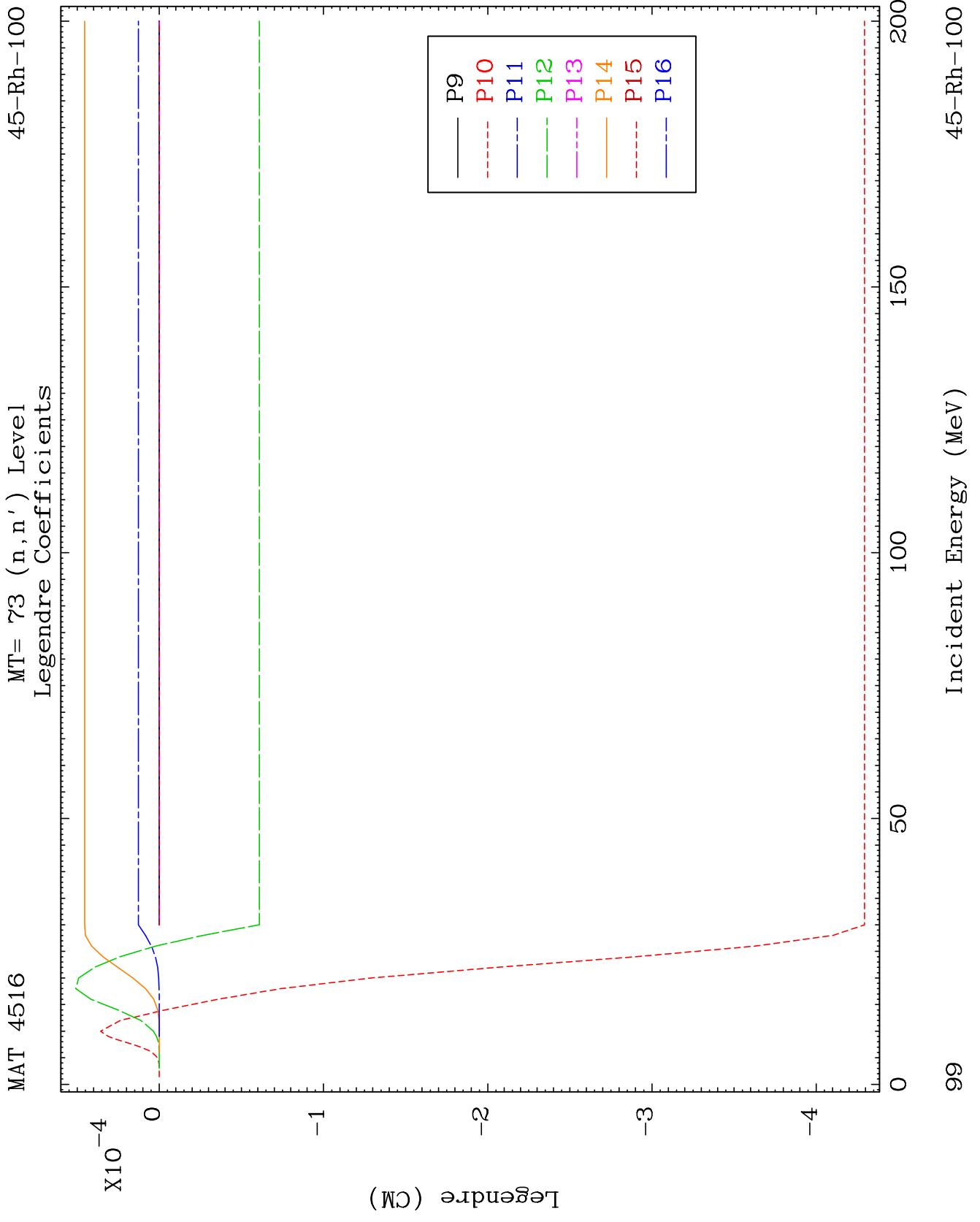
45-Rh-100

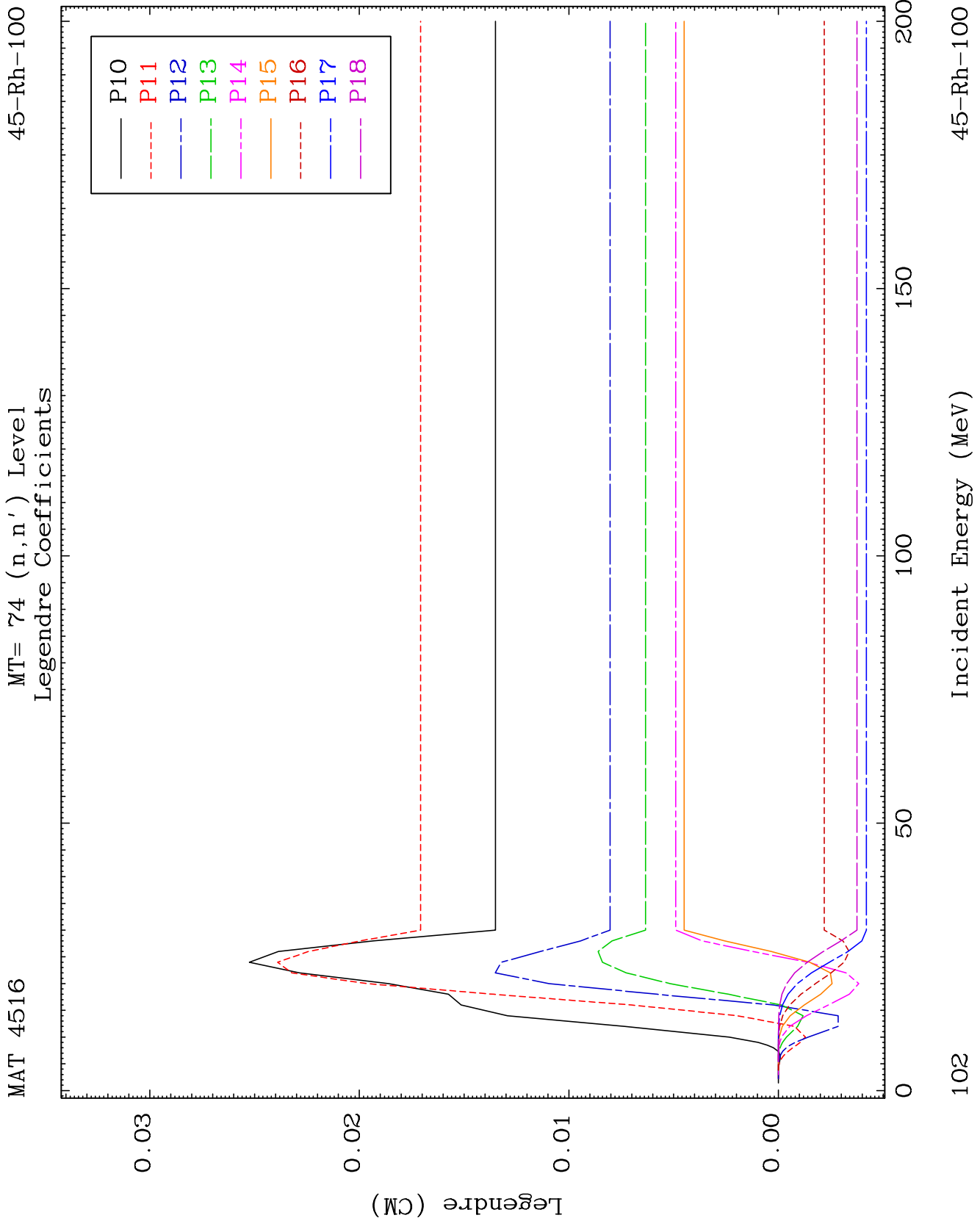


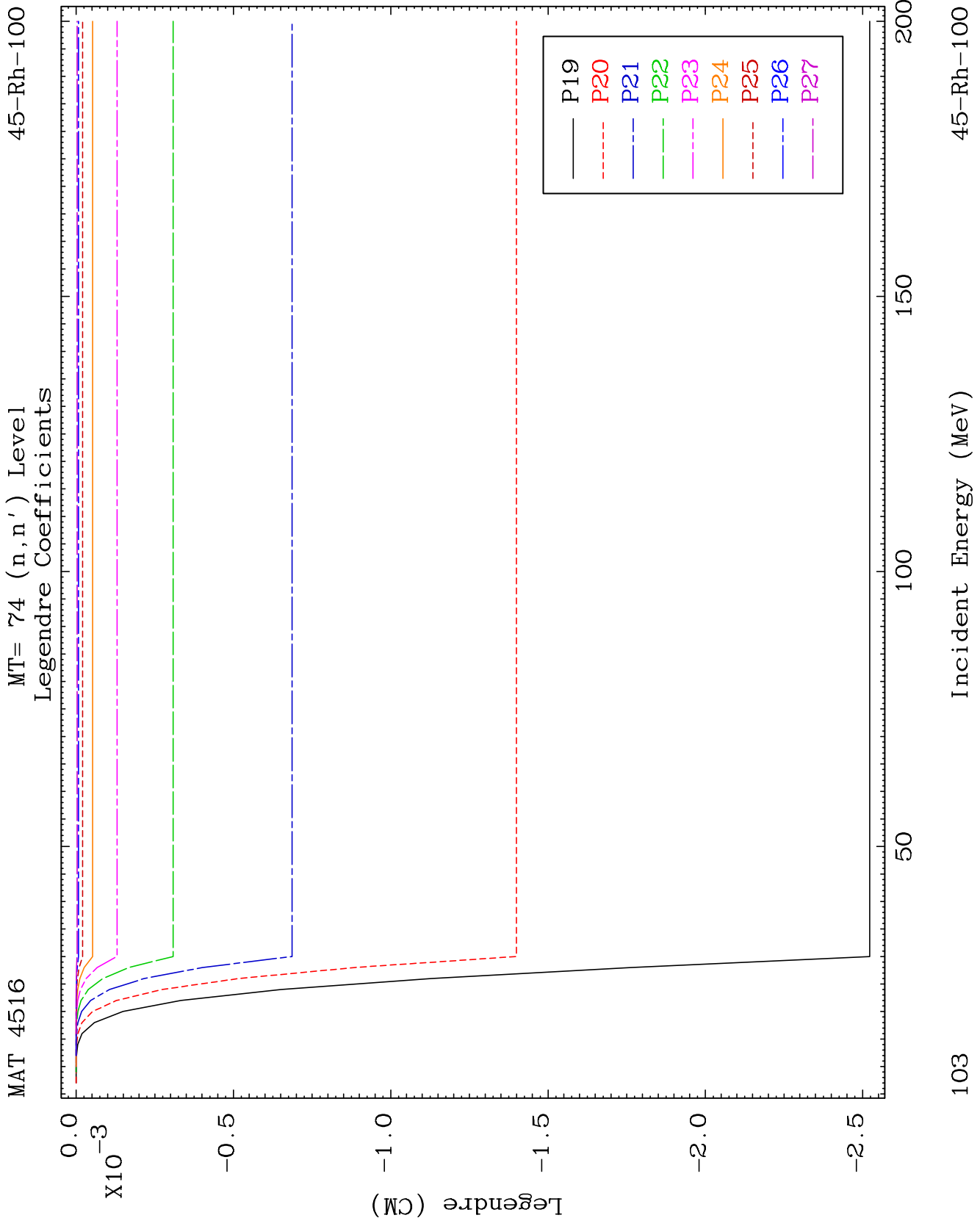
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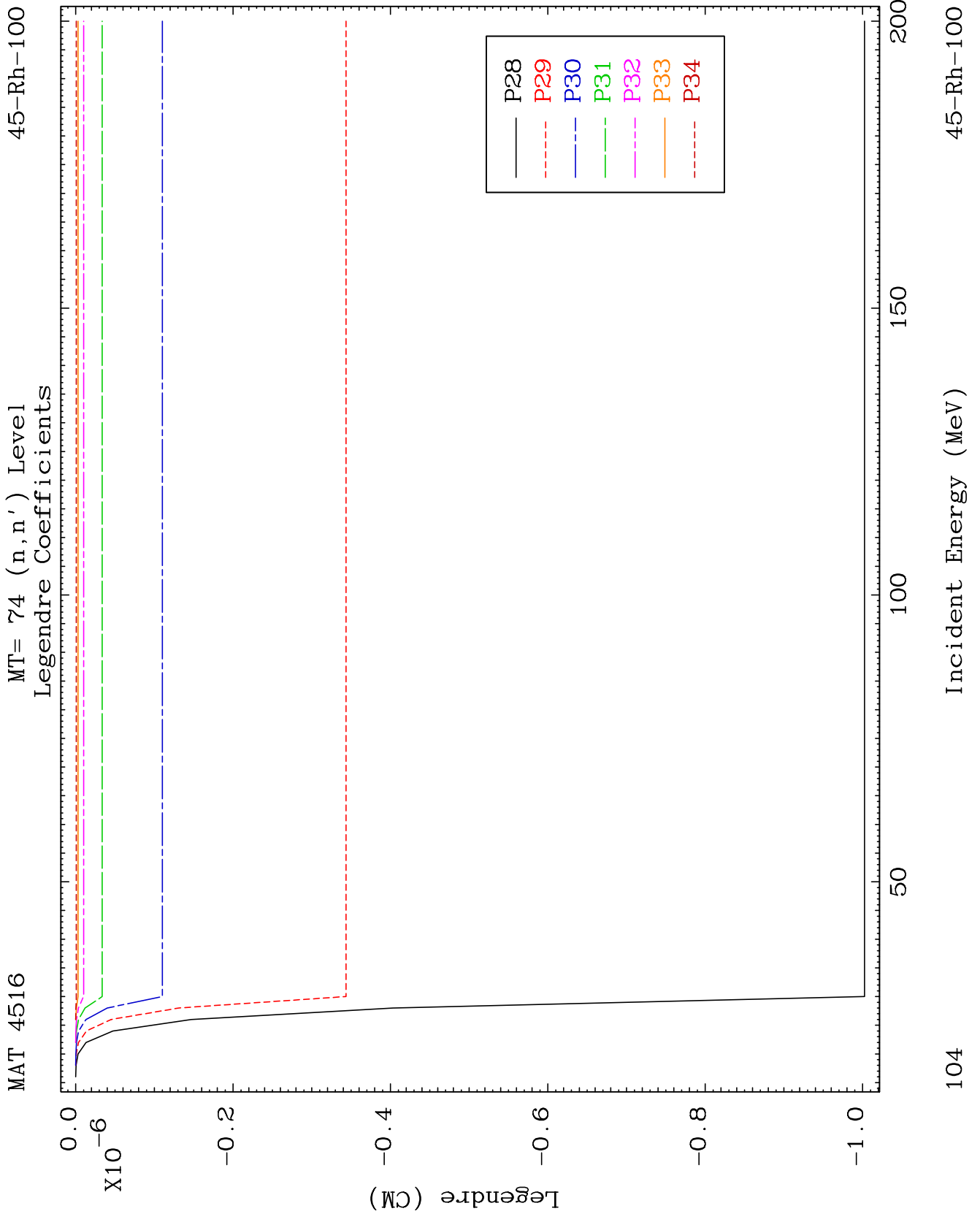
Incident Energy (MeV)

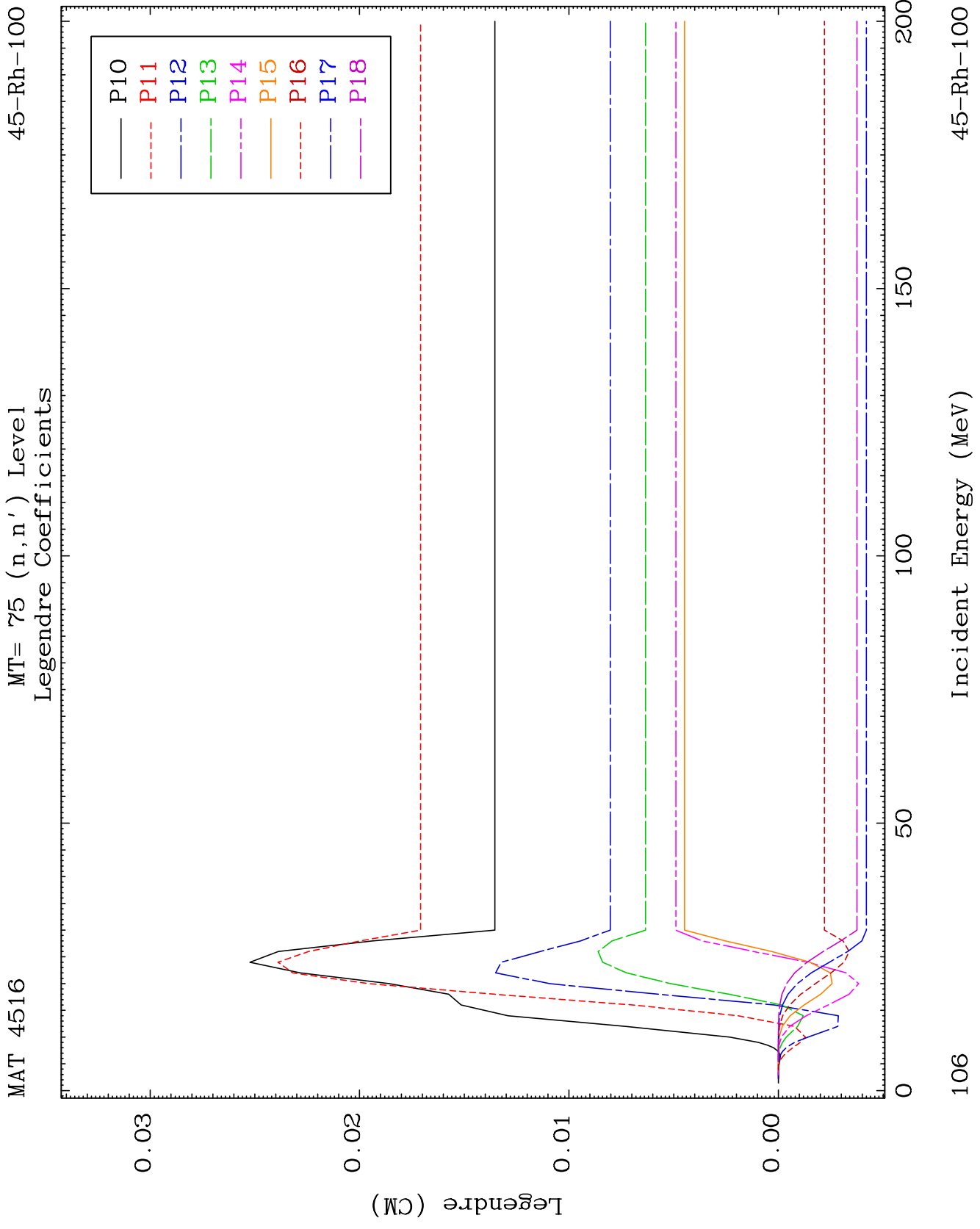
45-Rh-100

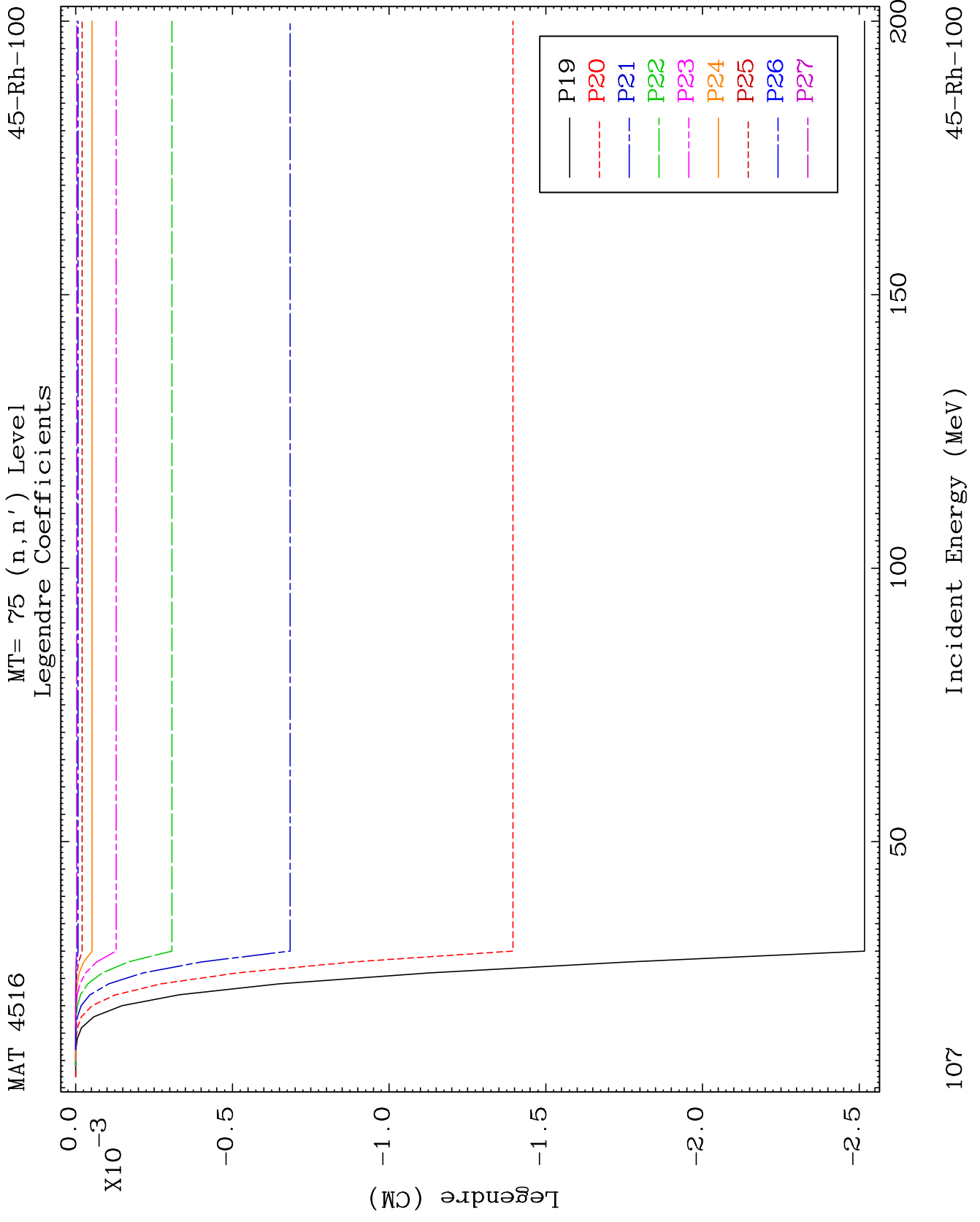


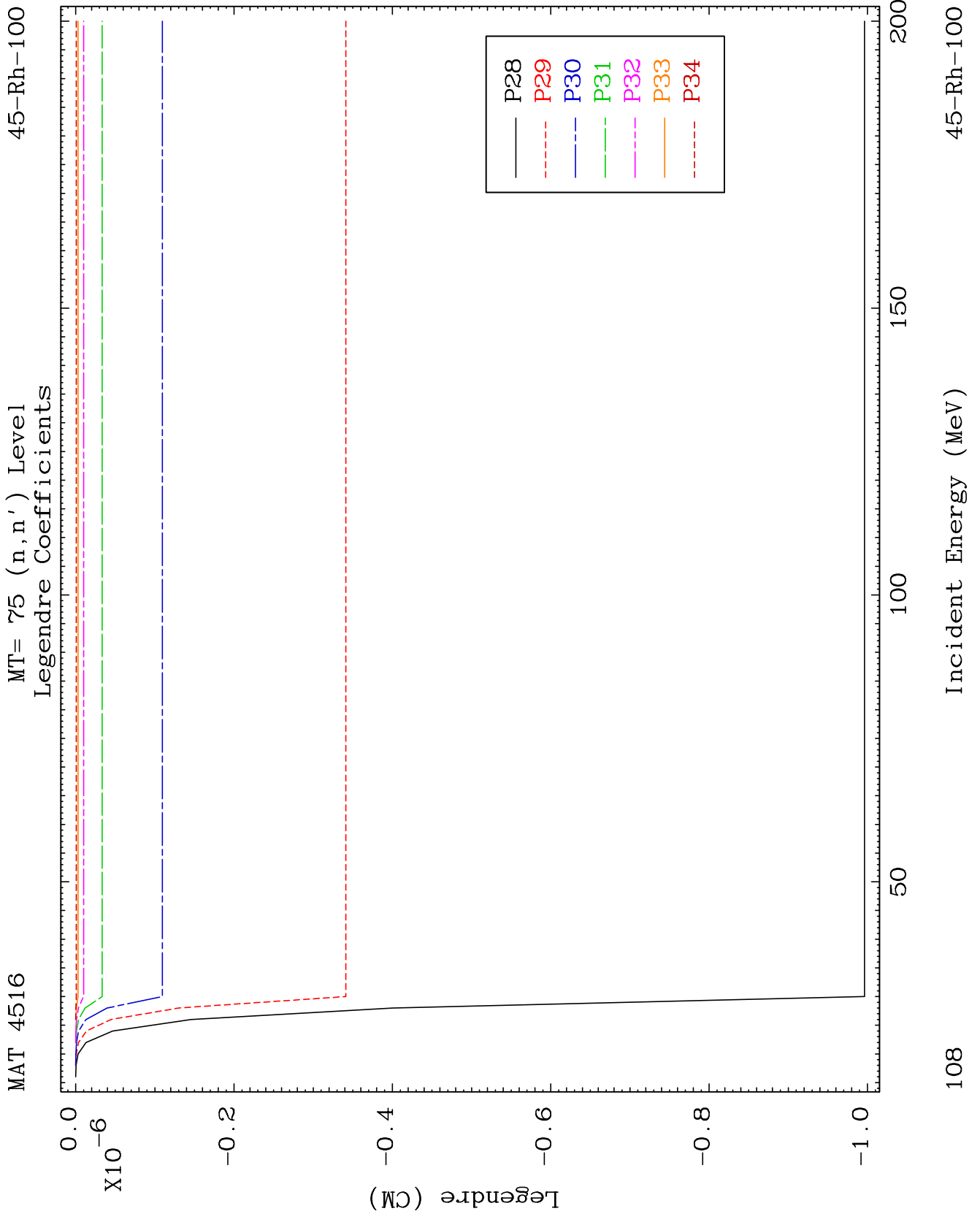


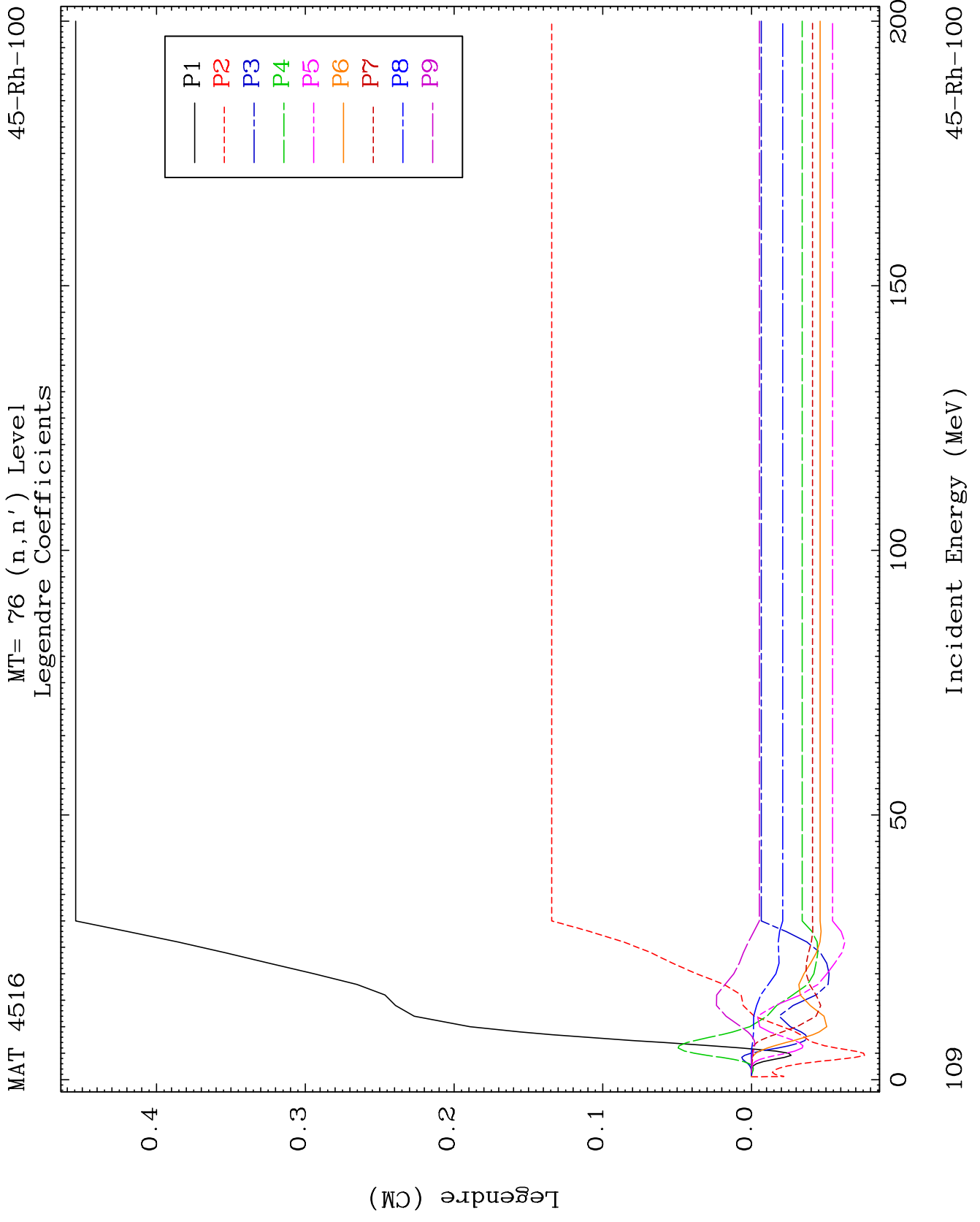


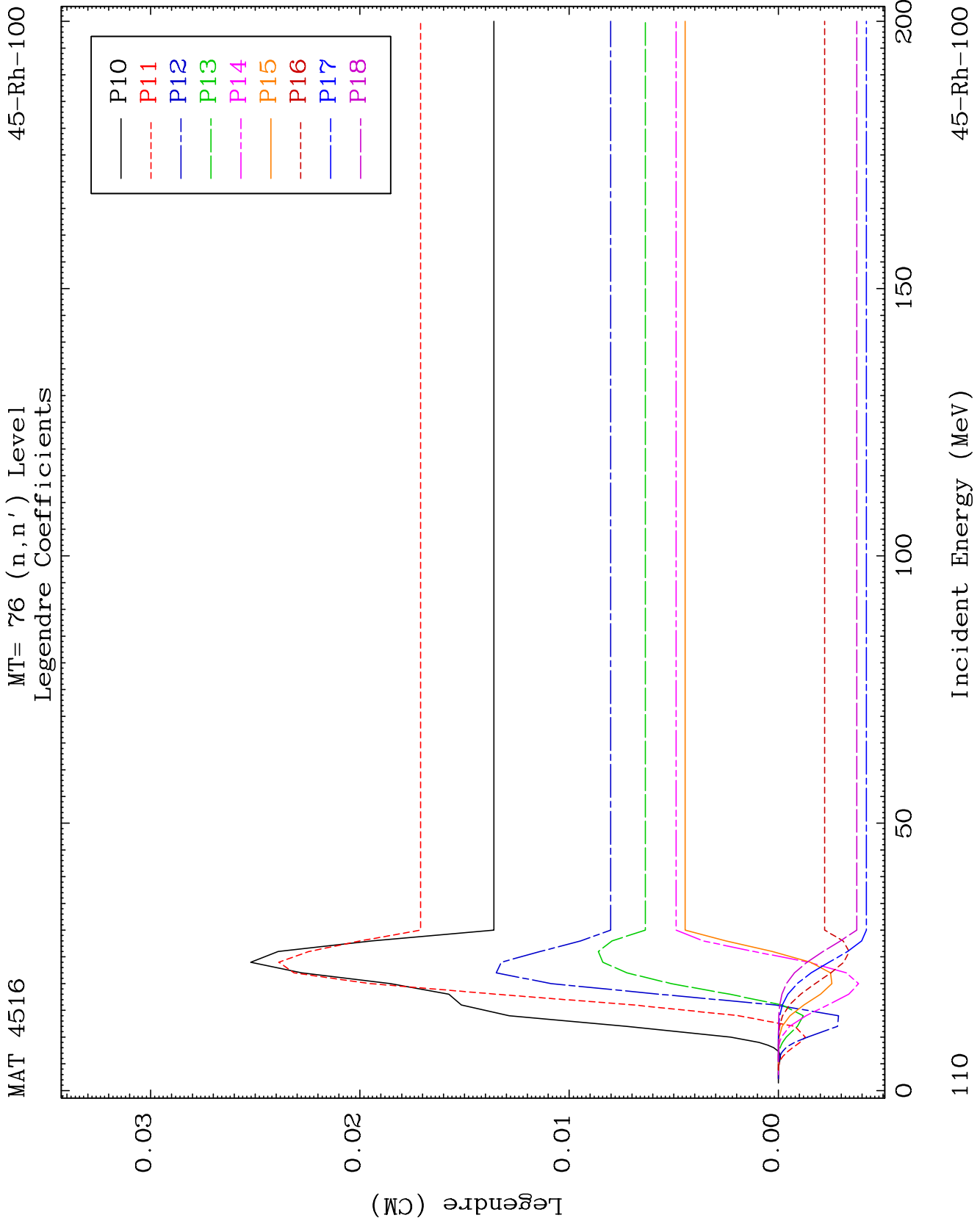


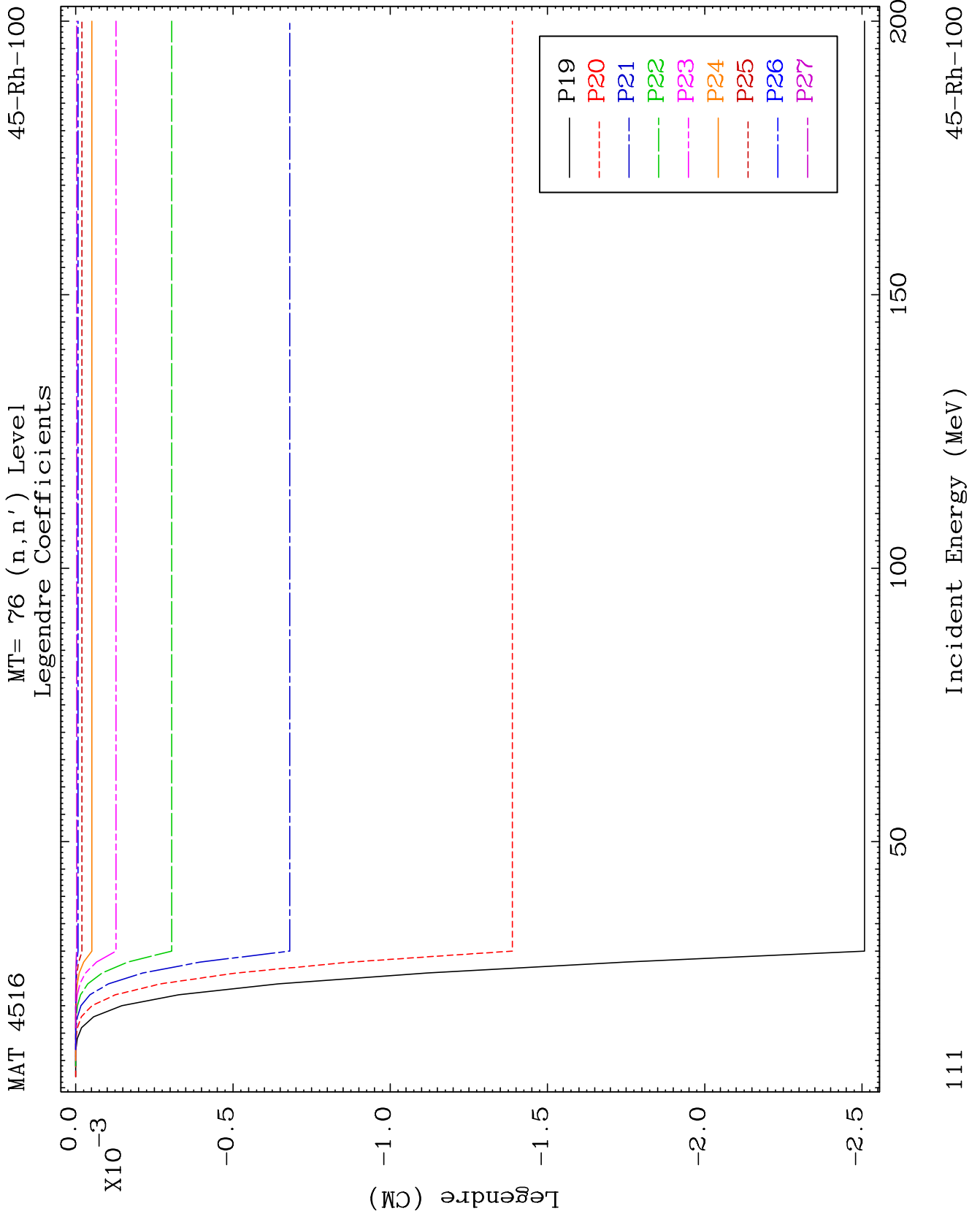


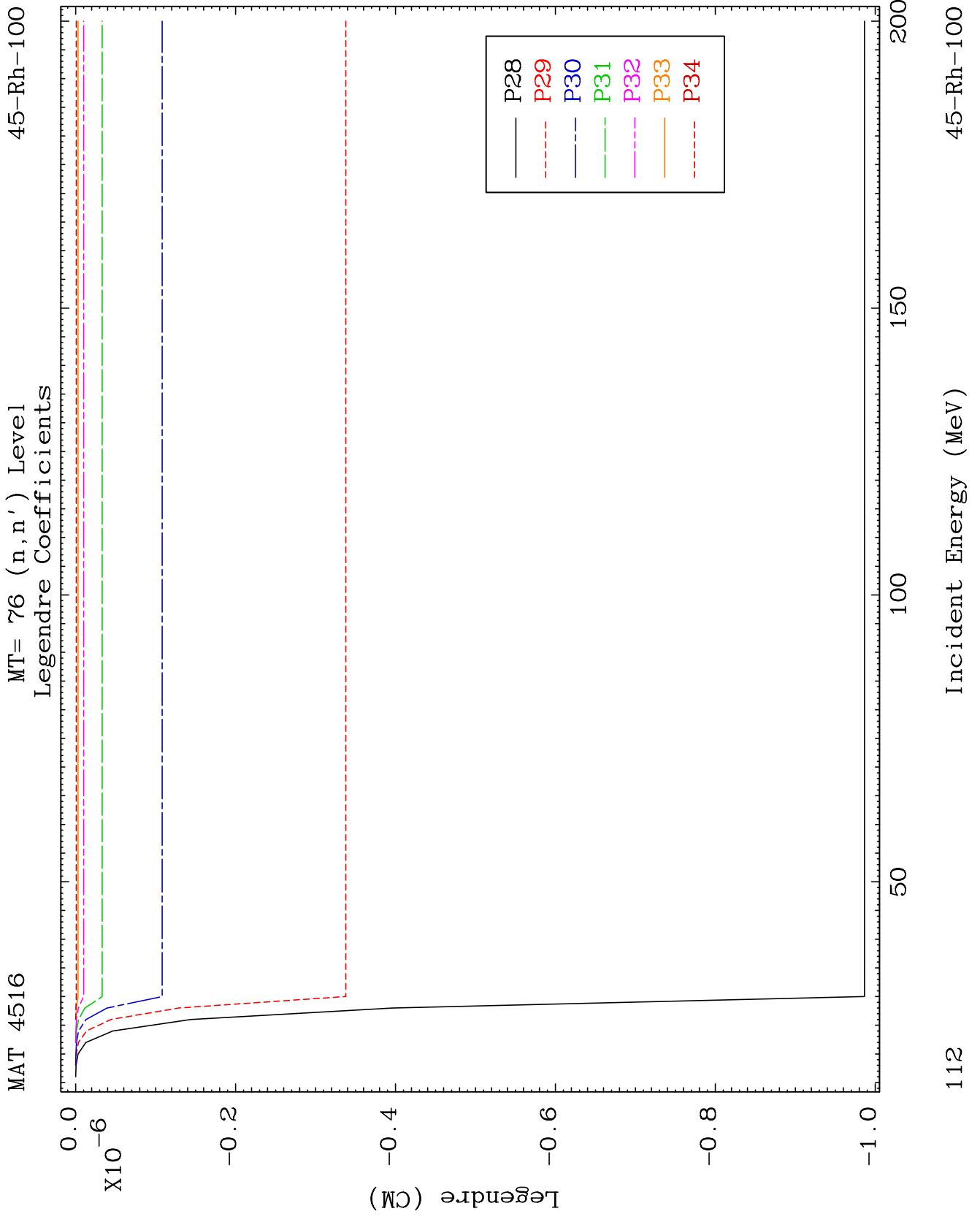


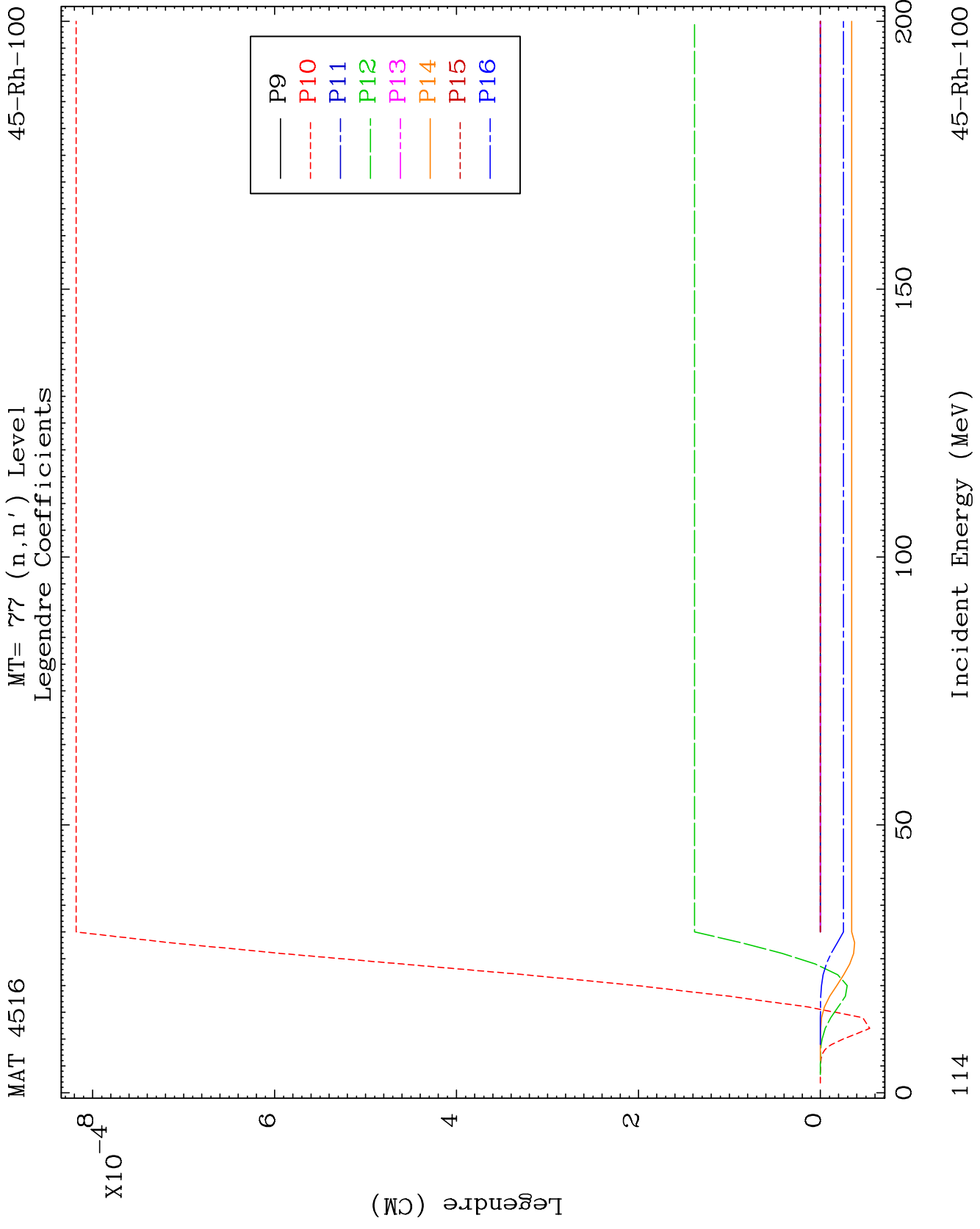


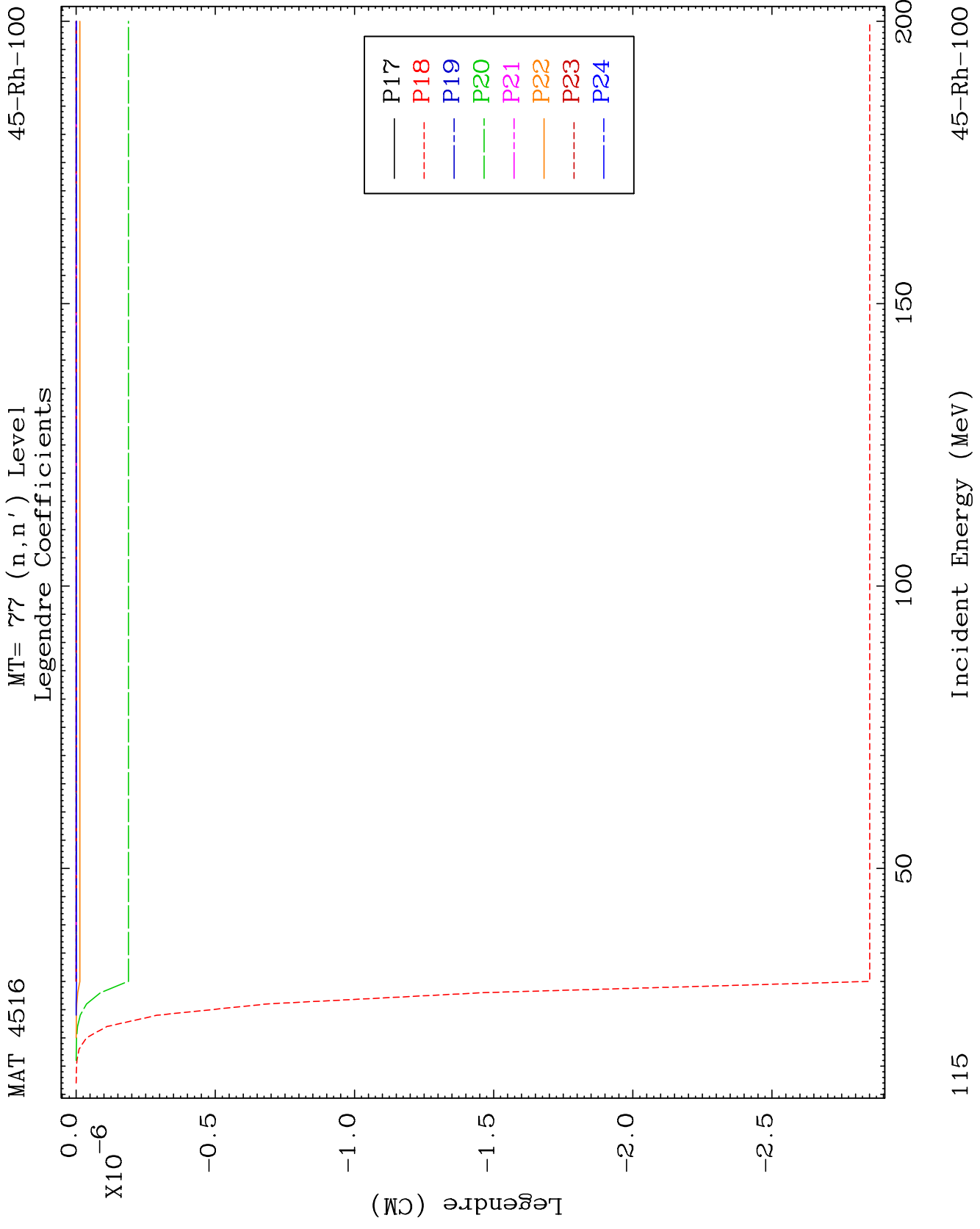


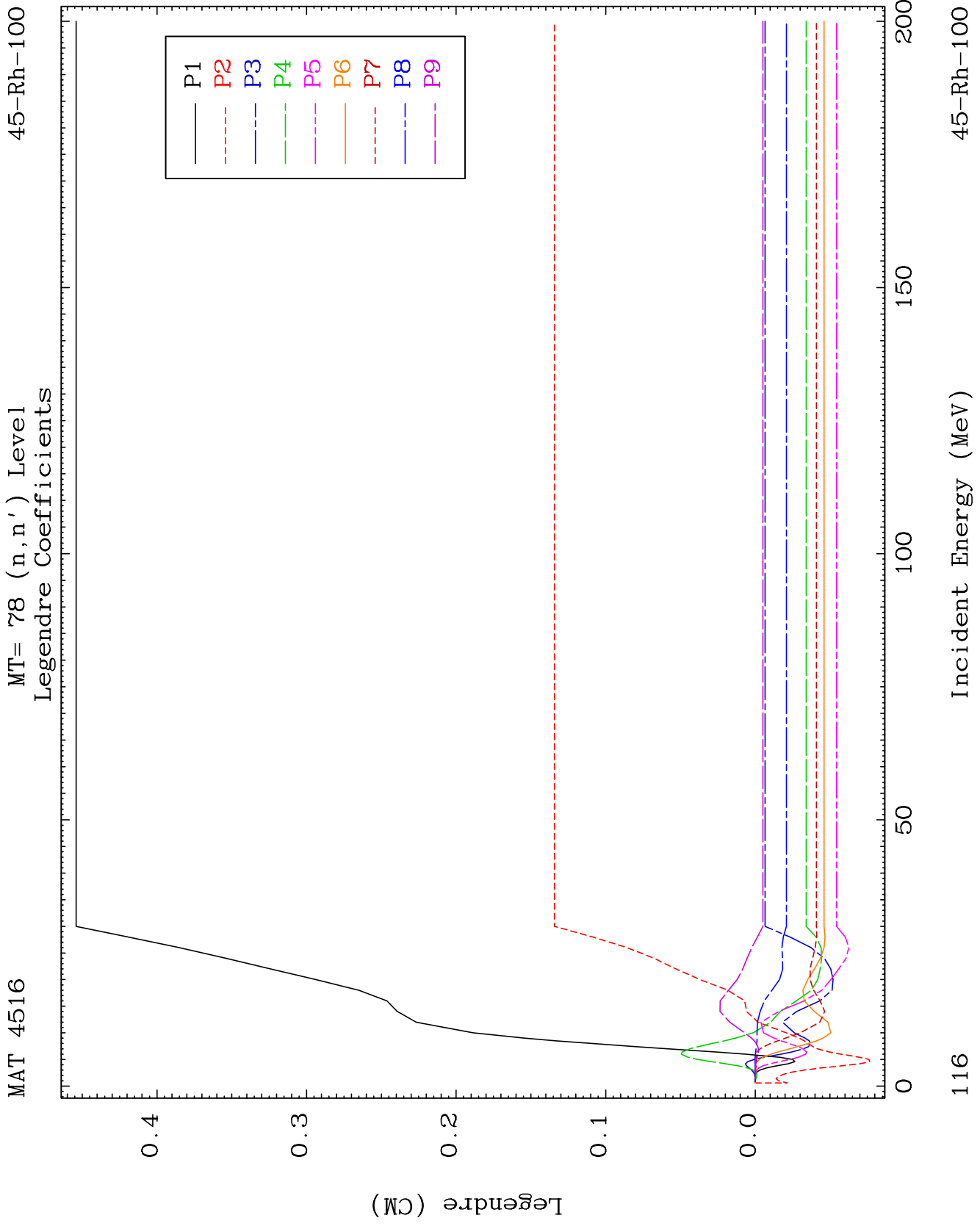


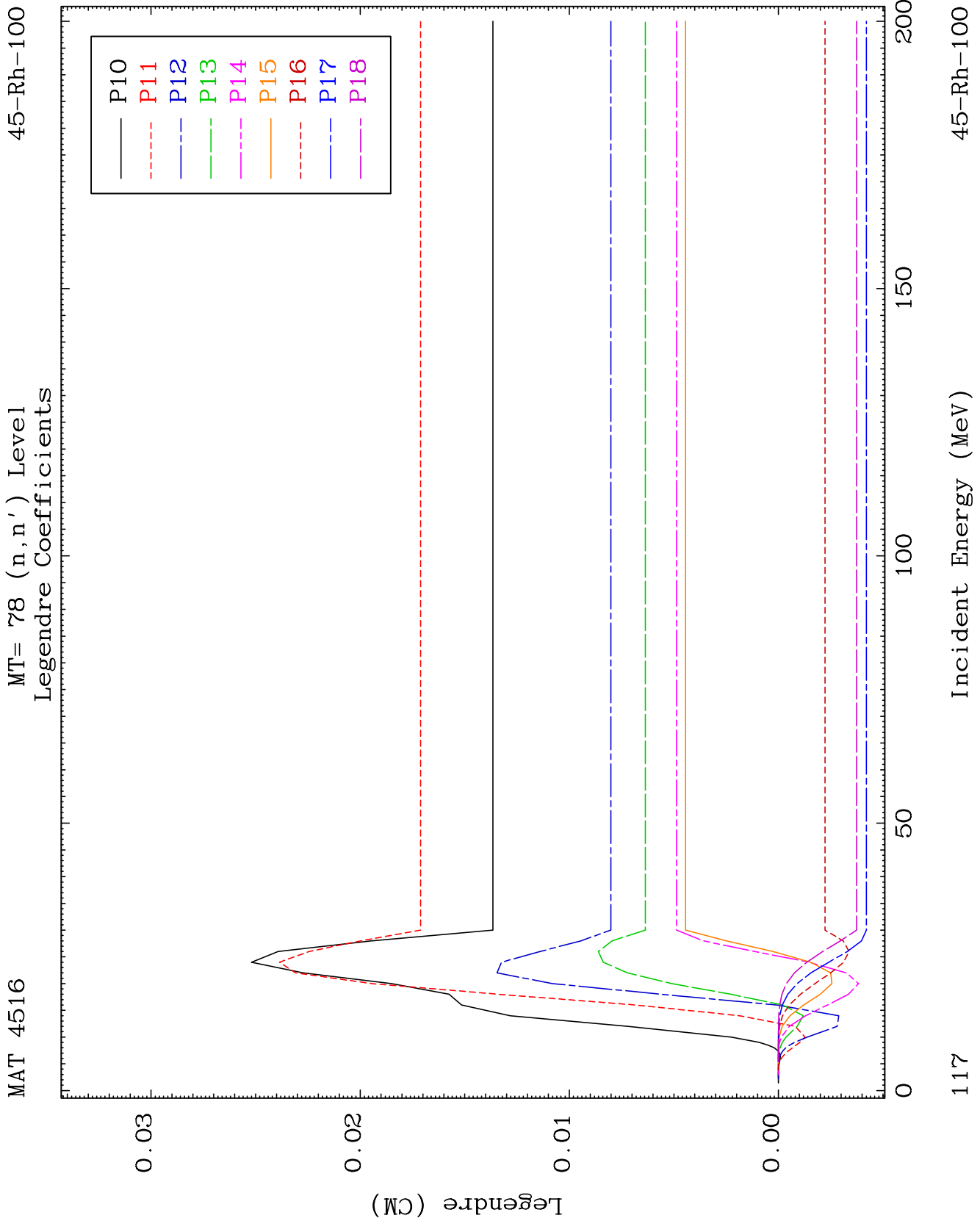


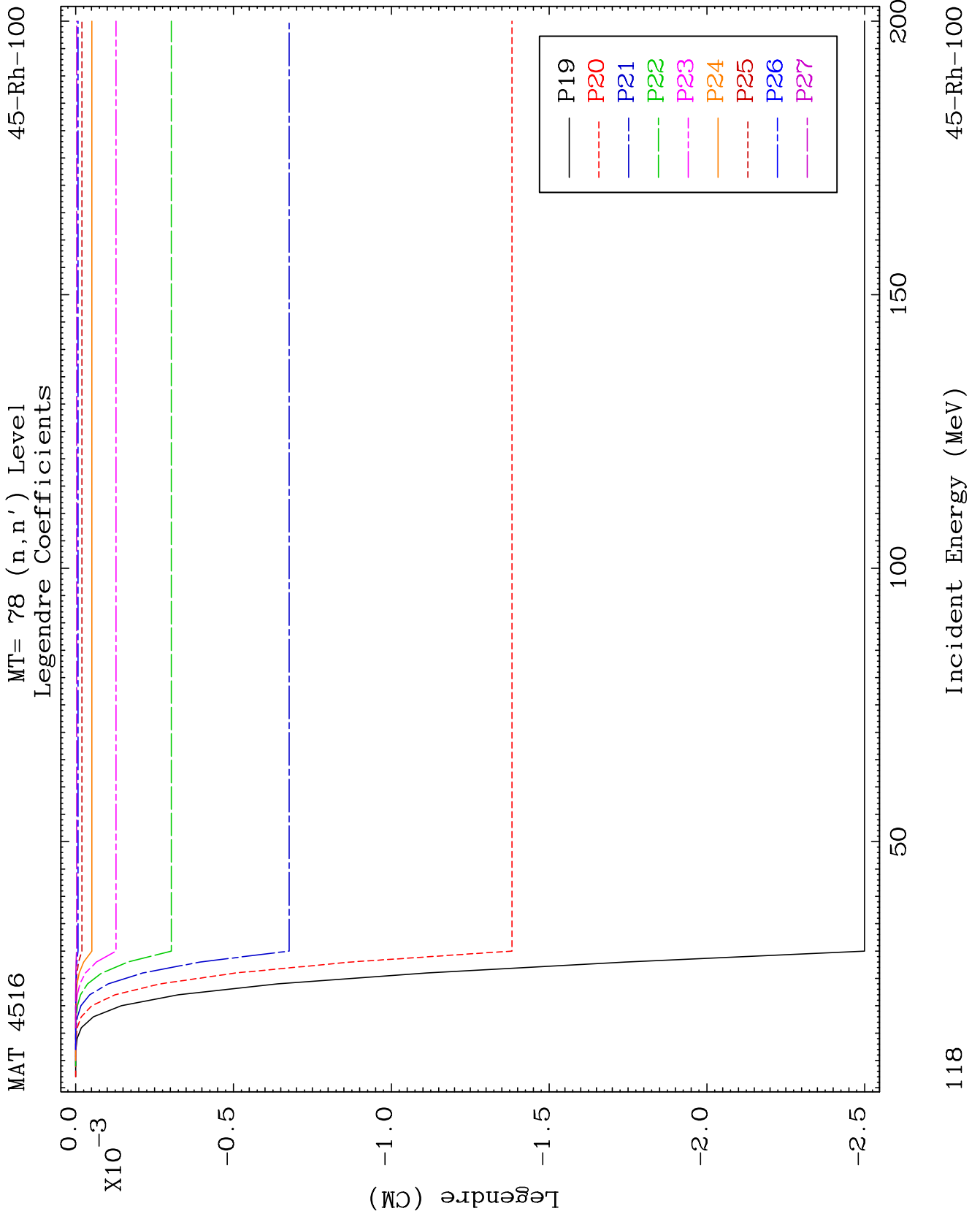


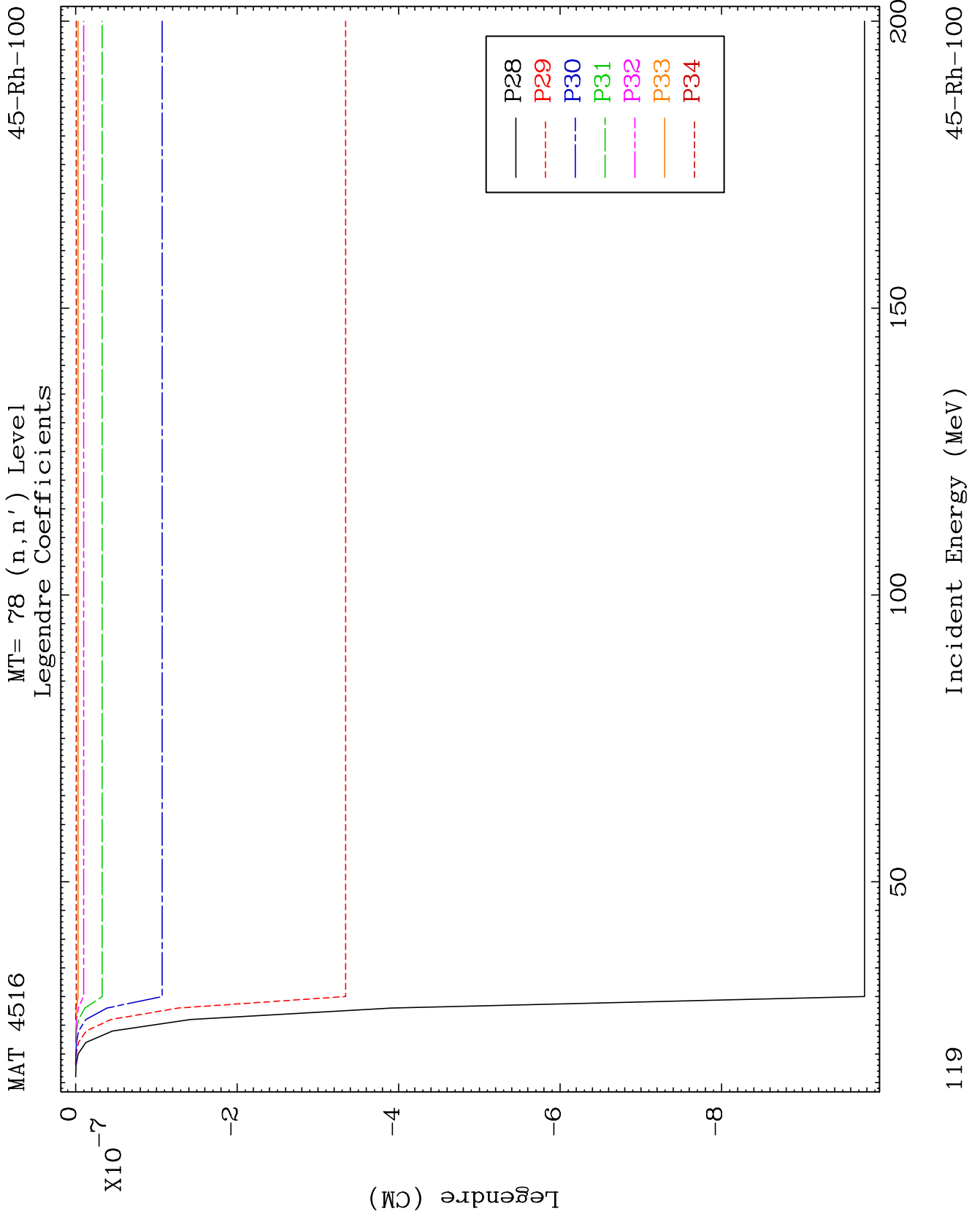








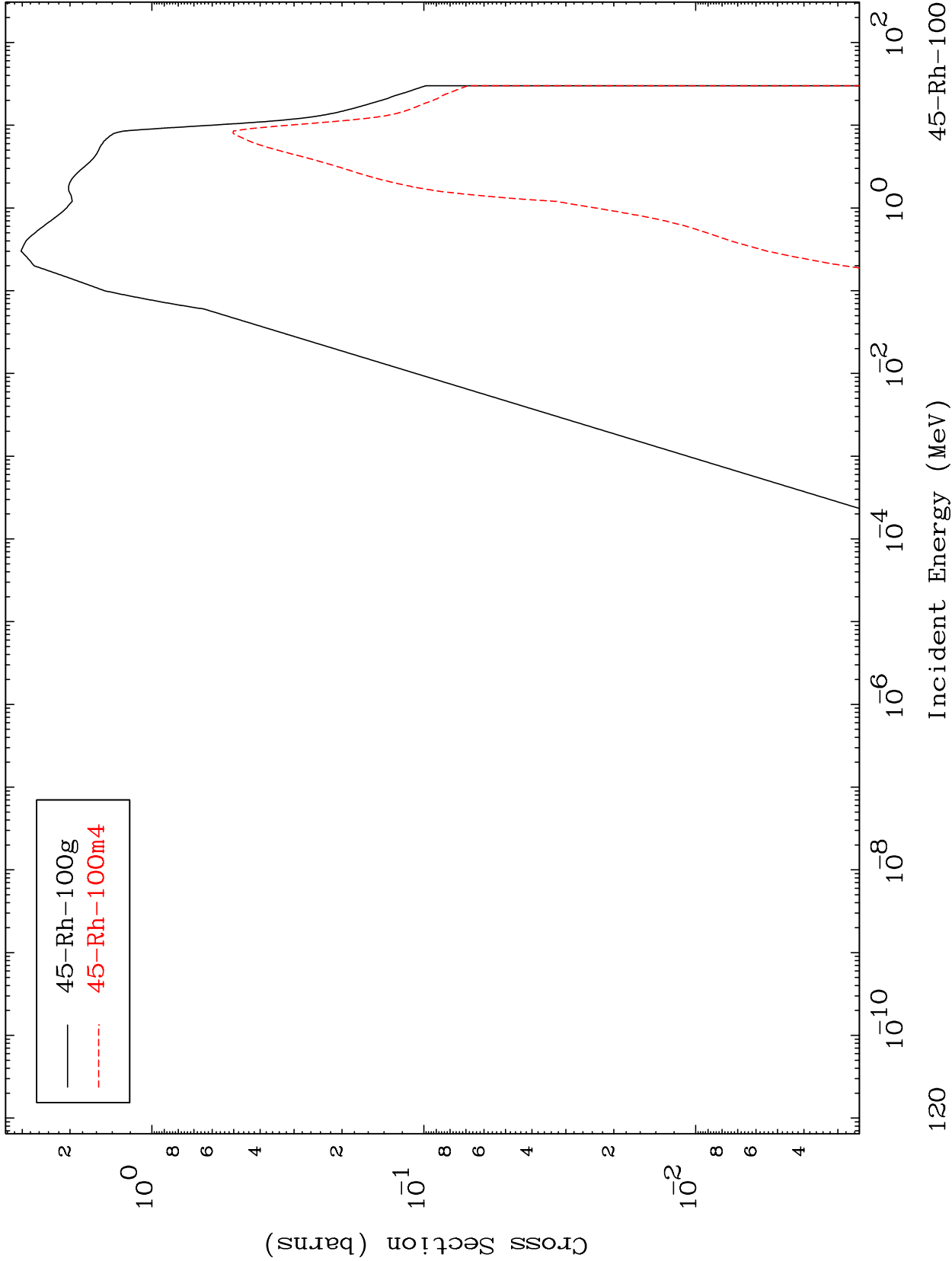




MAT 4516

Inelastic
Radionuclide Production Cross Section

45-Rh-100



120

Incident Energy (MeV)

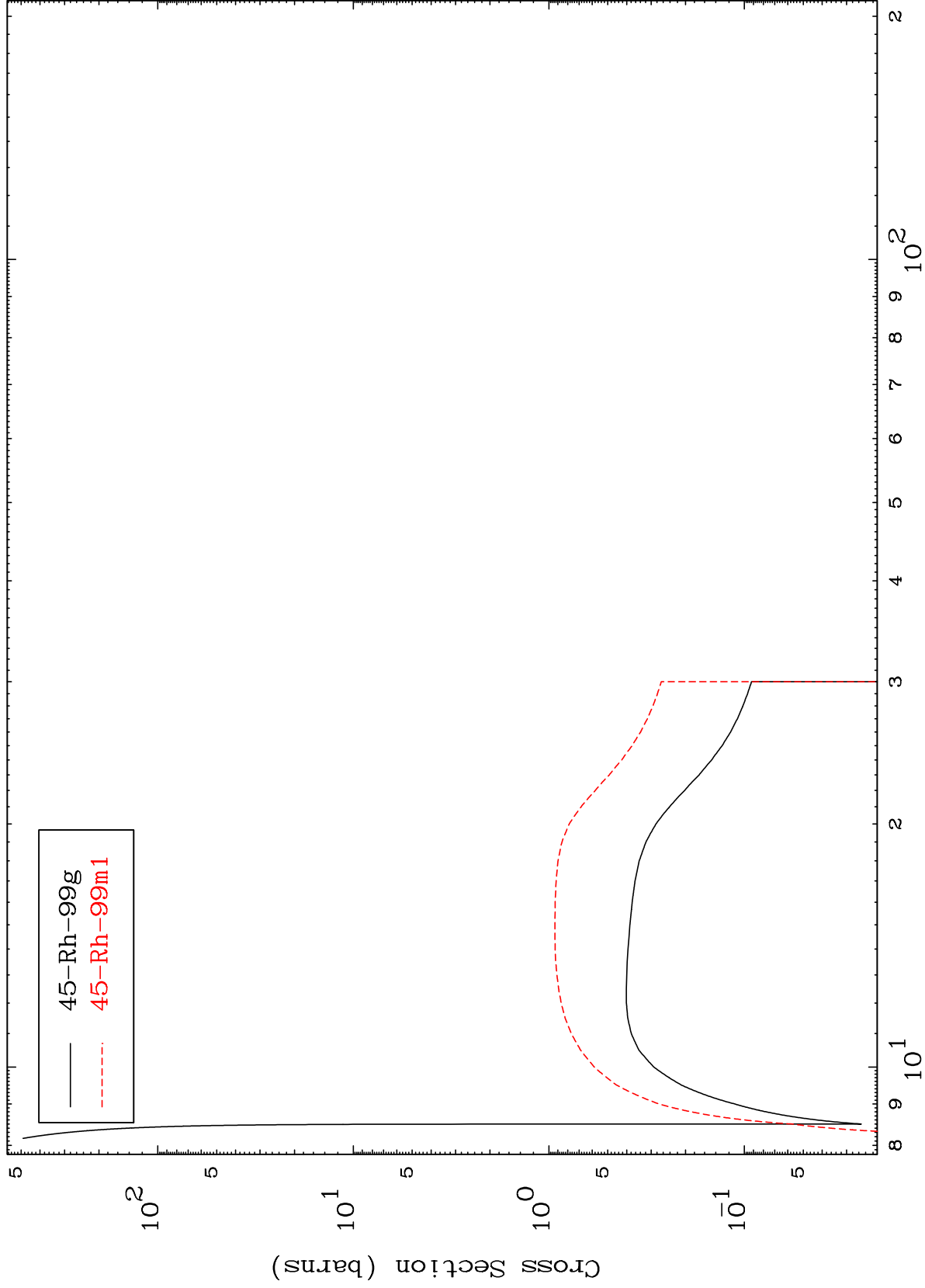
45-Rh-100

MAT 4516

(n,2n)

45-Rh-100

Radionuclide Production Cross Section



121

Incident Energy (MeV)

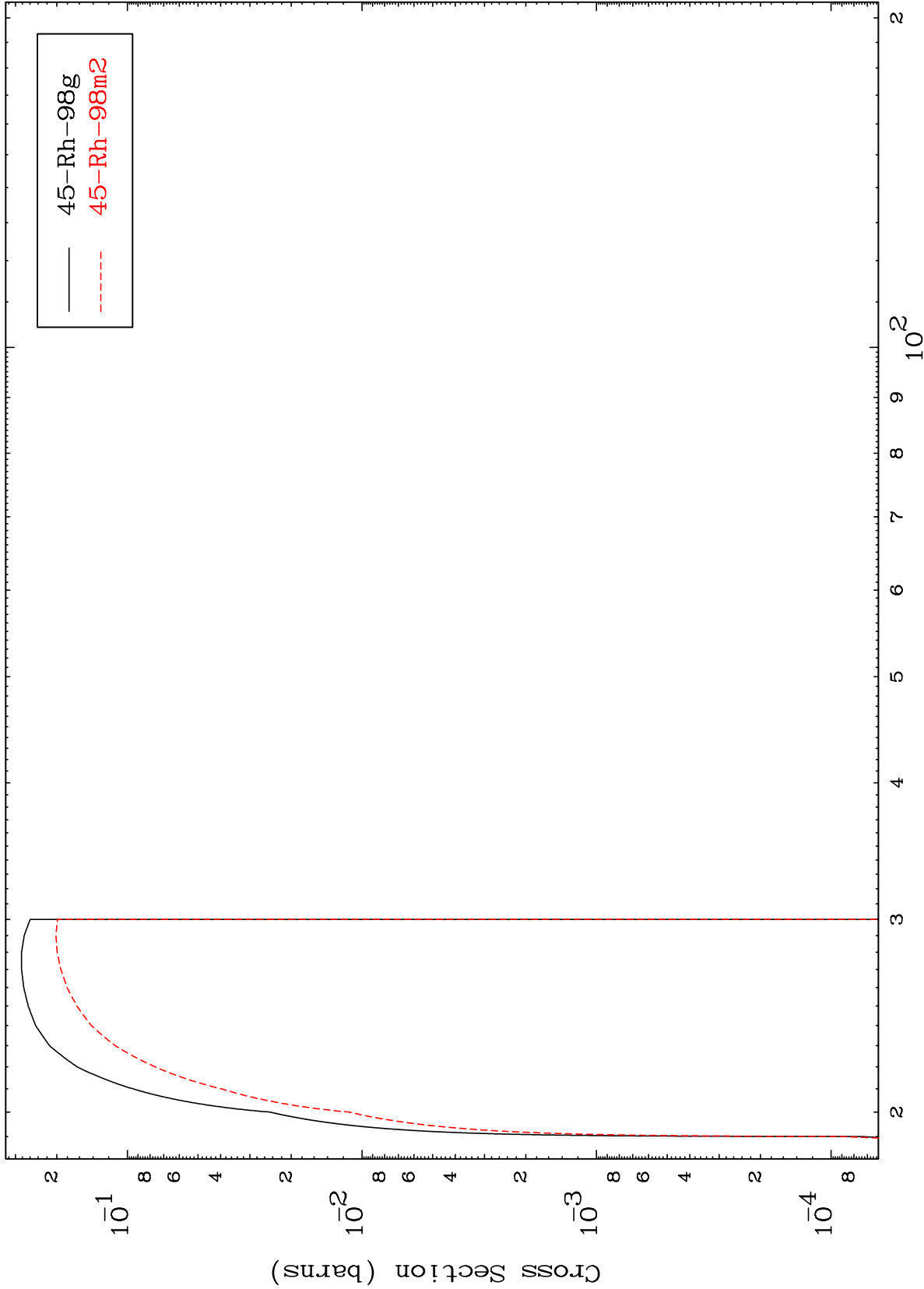
45-Rh-100

MAT 4516

(n,3n)

45-Rh-100

Radionuclide Production Cross Section

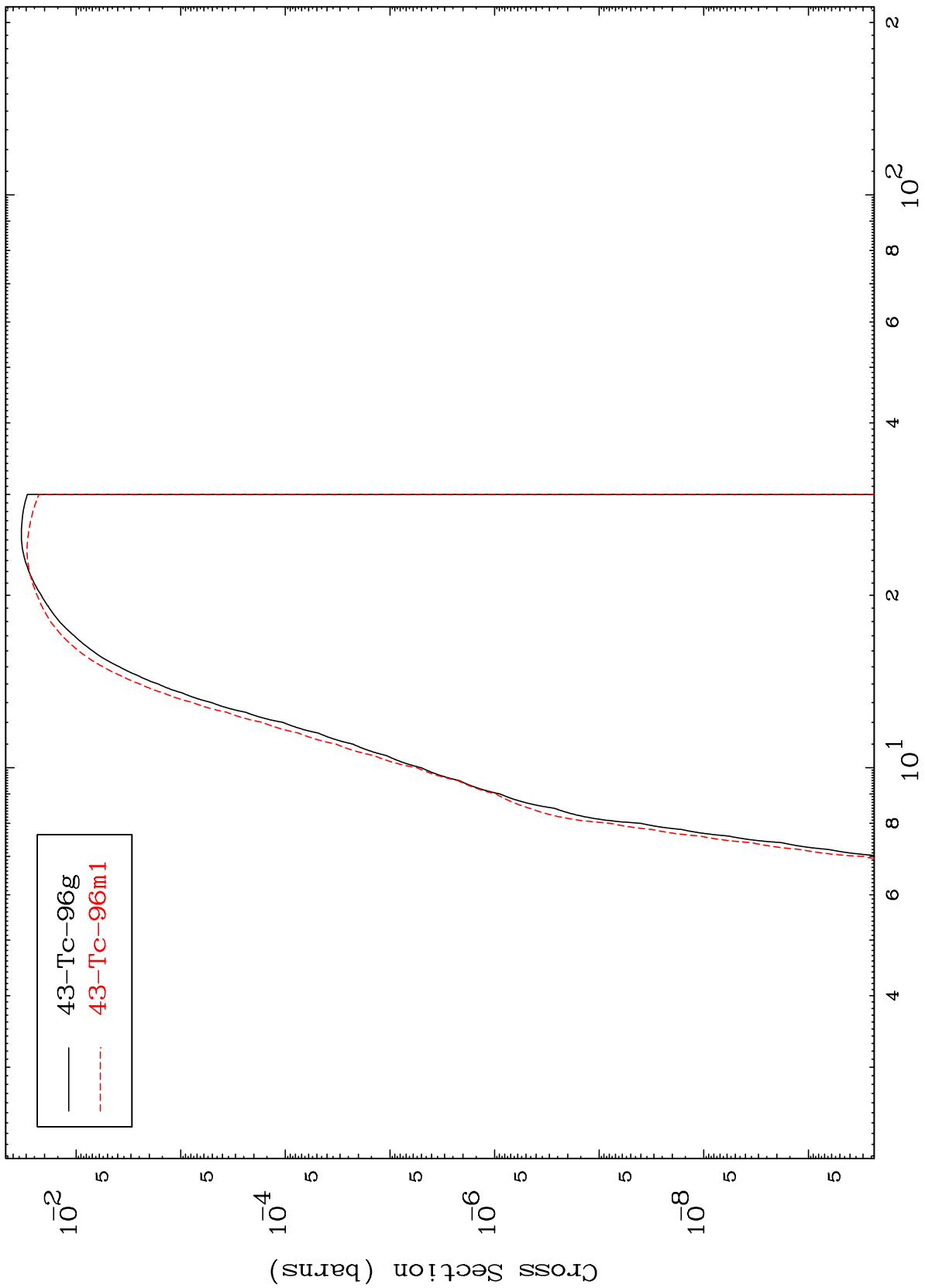


122

Incident Energy (MeV)

45-Rh-100

(n,n') α
Radionuclide Production Cross Section

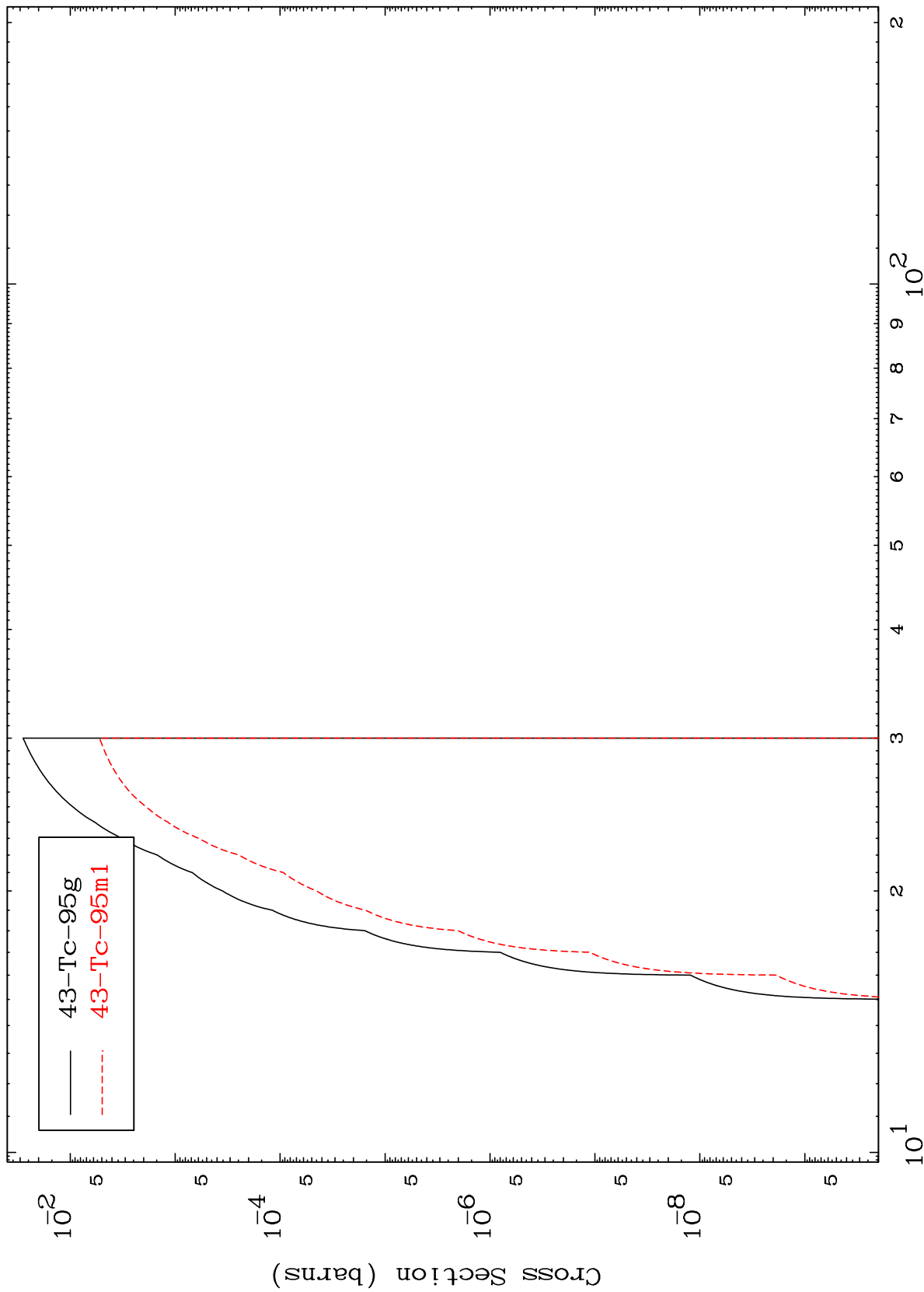


MAT 4516

(n,2n) α

45-Rh-100

Radionuclide Production Cross Section



Incident Energy (MeV)

45-Rh-100

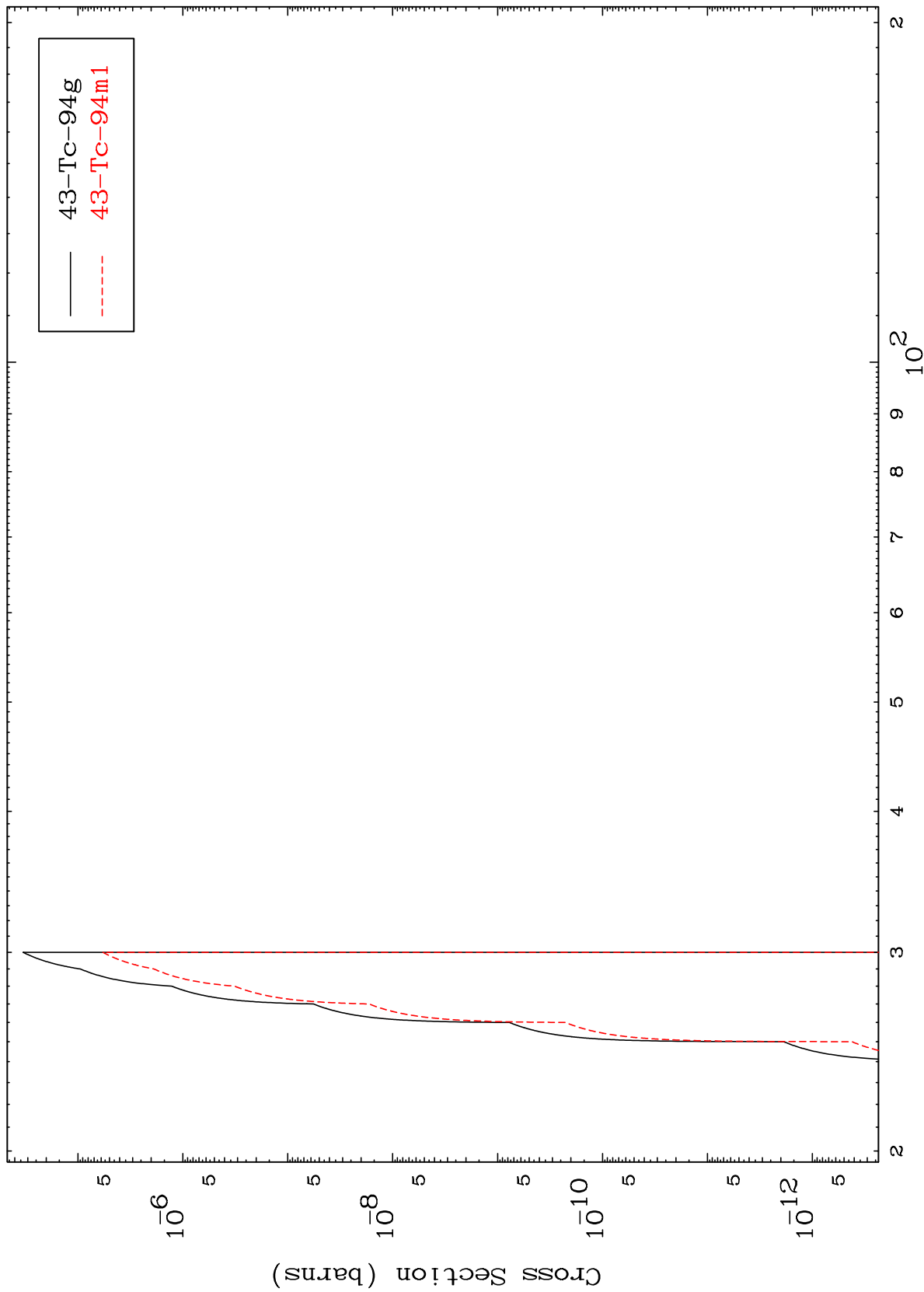
124

MAT 4516

(n,3n) α

45-Rh-100

Radionuclide Production Cross Section



125

Incident Energy (MeV)

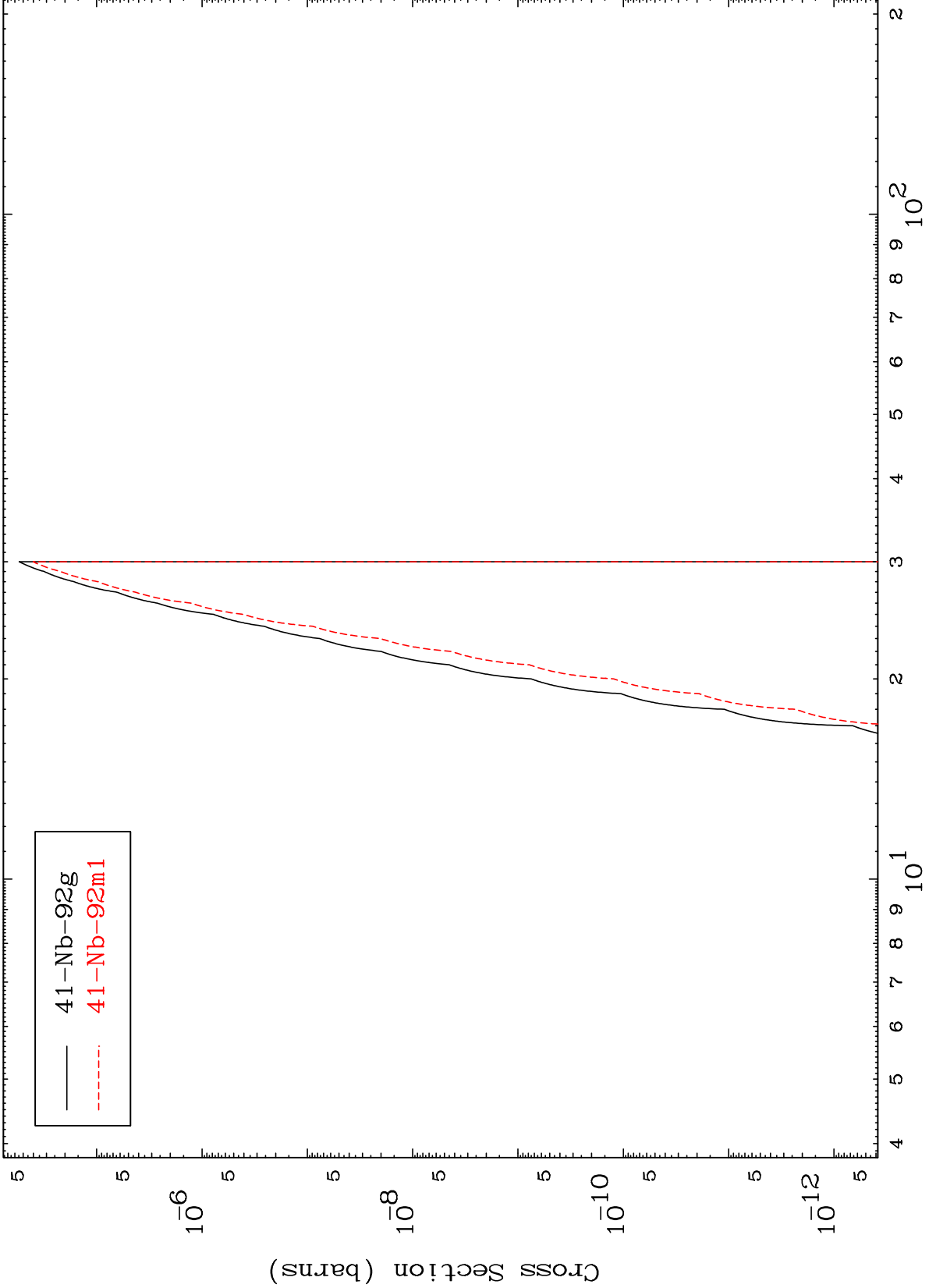
45-Rh-100

MAT 4516

(n,n') 2α

45-Rh-100

Radionuclide Production Cross Section



— 41-Nb-92g
- - - 41-Nb-92m1

126

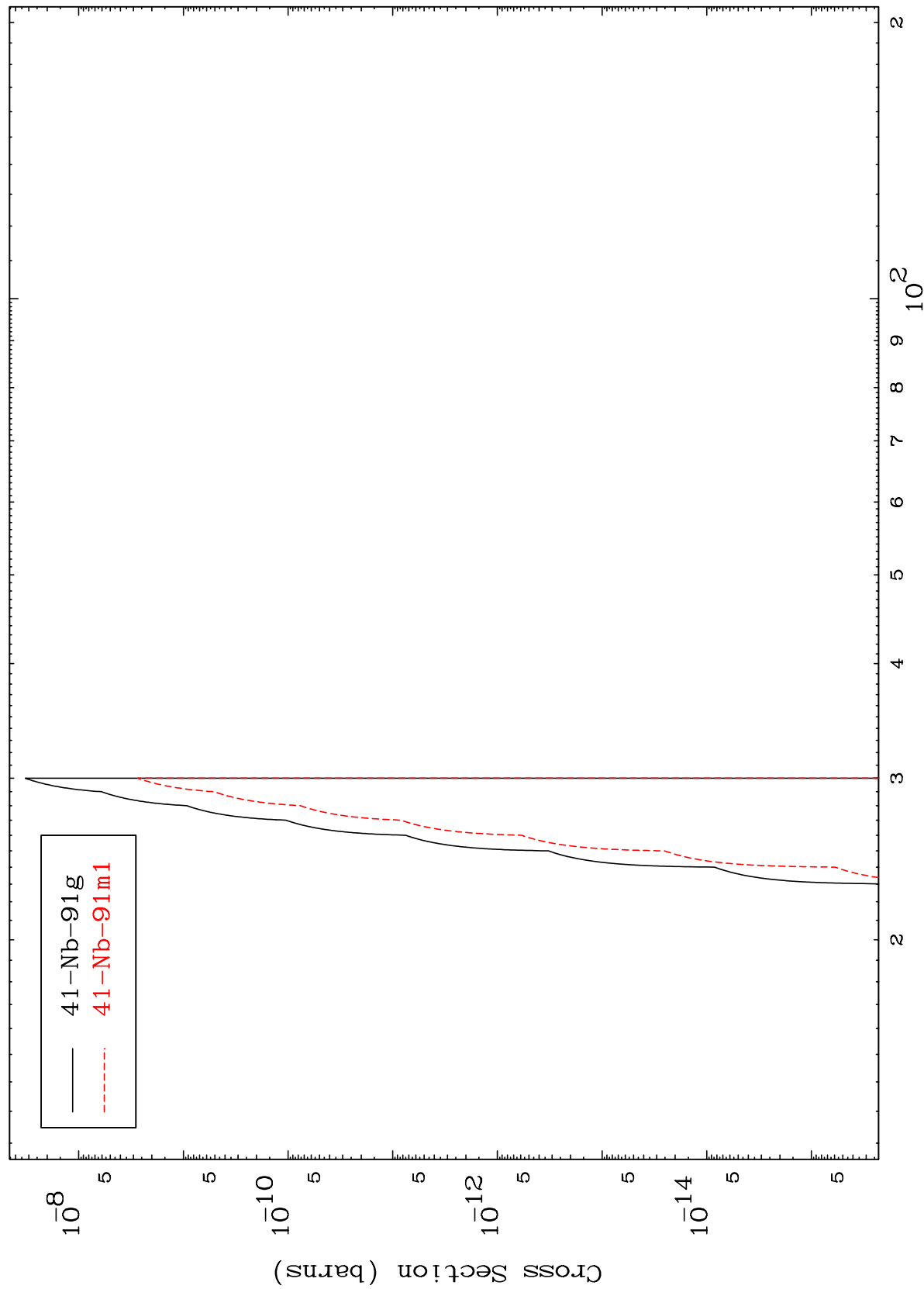
Incident Energy (MeV)

45-Rh-100

MAT 4516

45-Rh-100

(n,2n) 2α
Radionuclide Production Cross Section

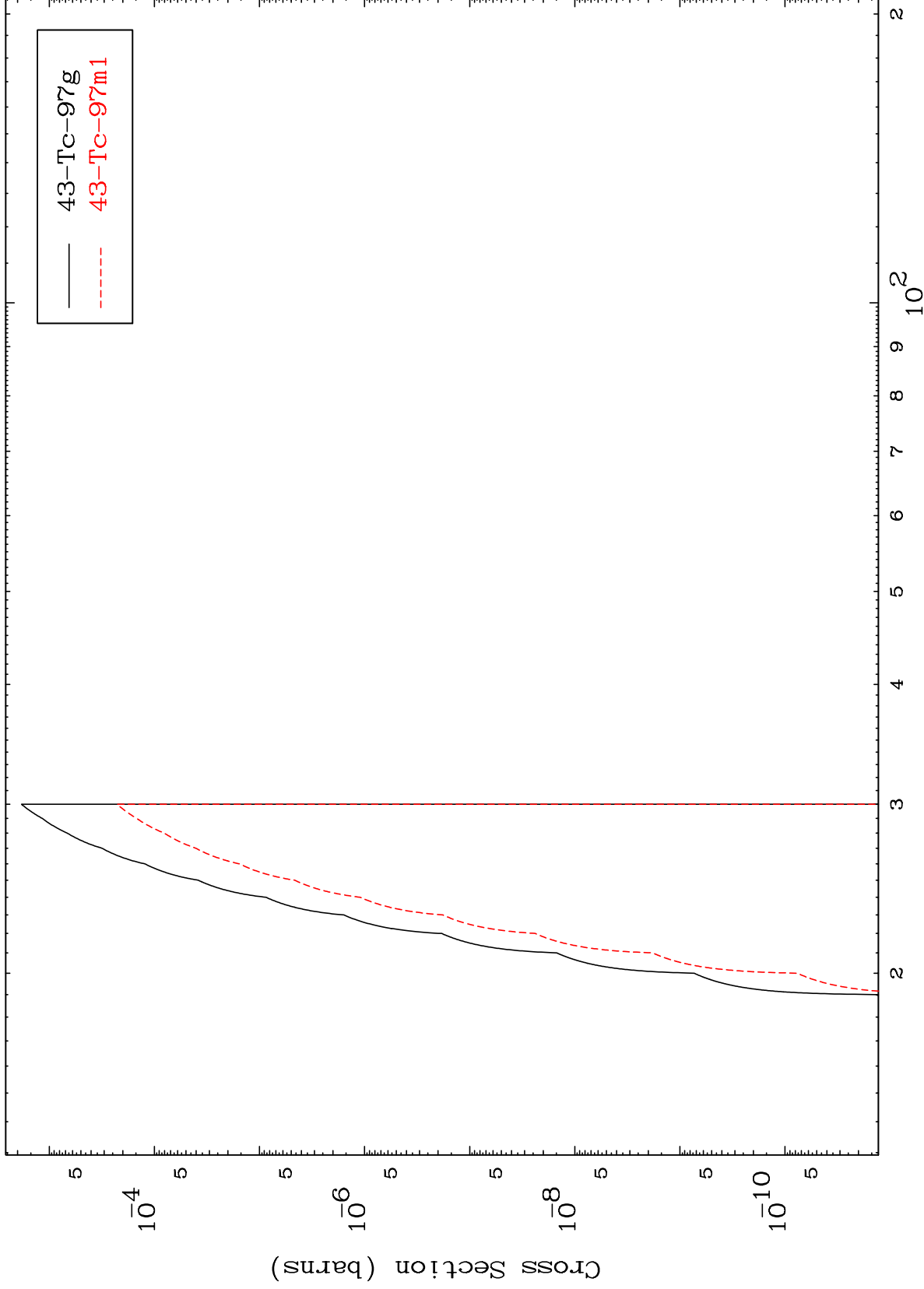


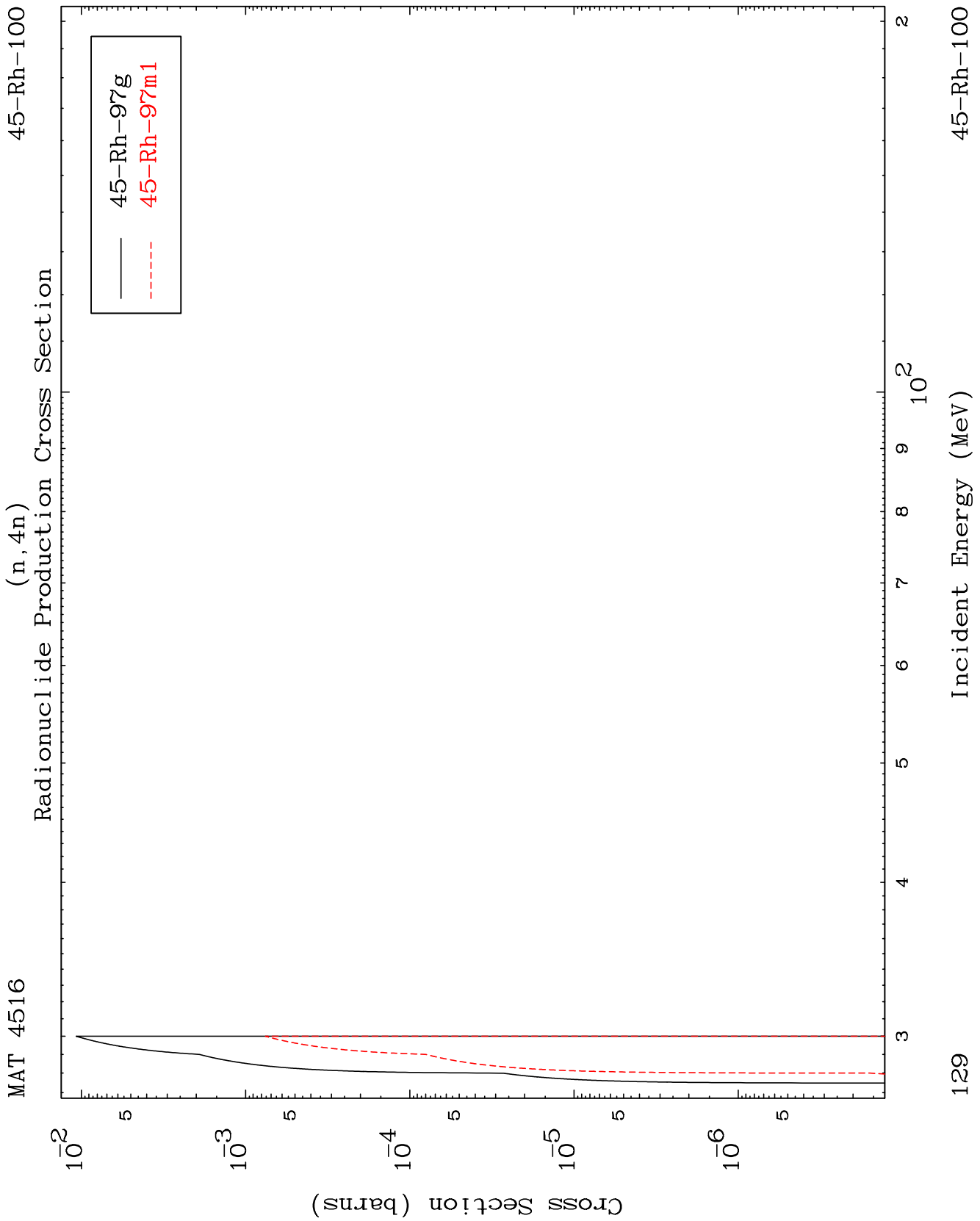
127

45-Rh-100

Incident Energy (MeV)

Radionuclide Production Cross Section

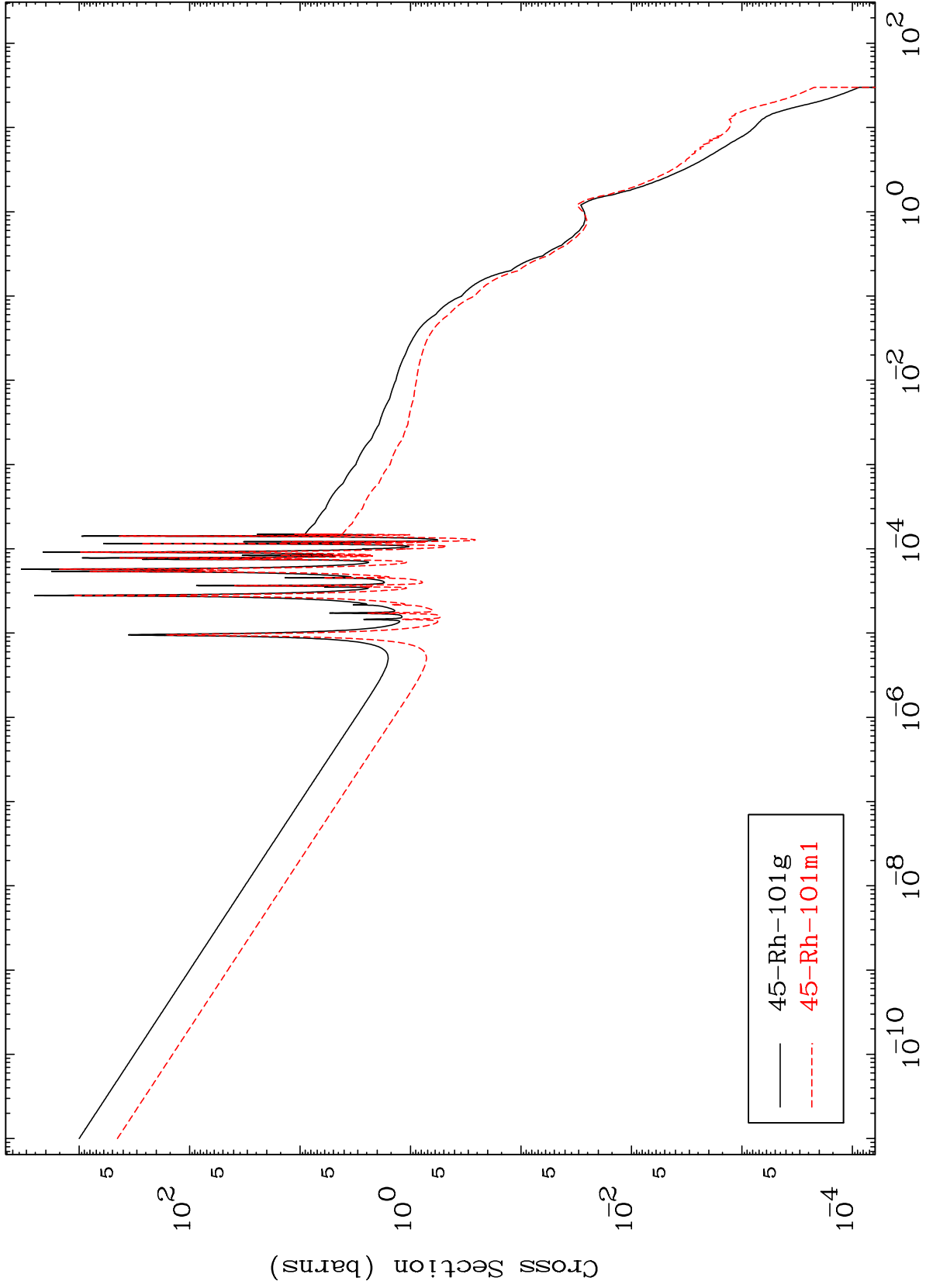




MAT 4516

45-Rh-100

(n, γ)
Radionuclide Production Cross Section



130

Incident Energy (MeV)

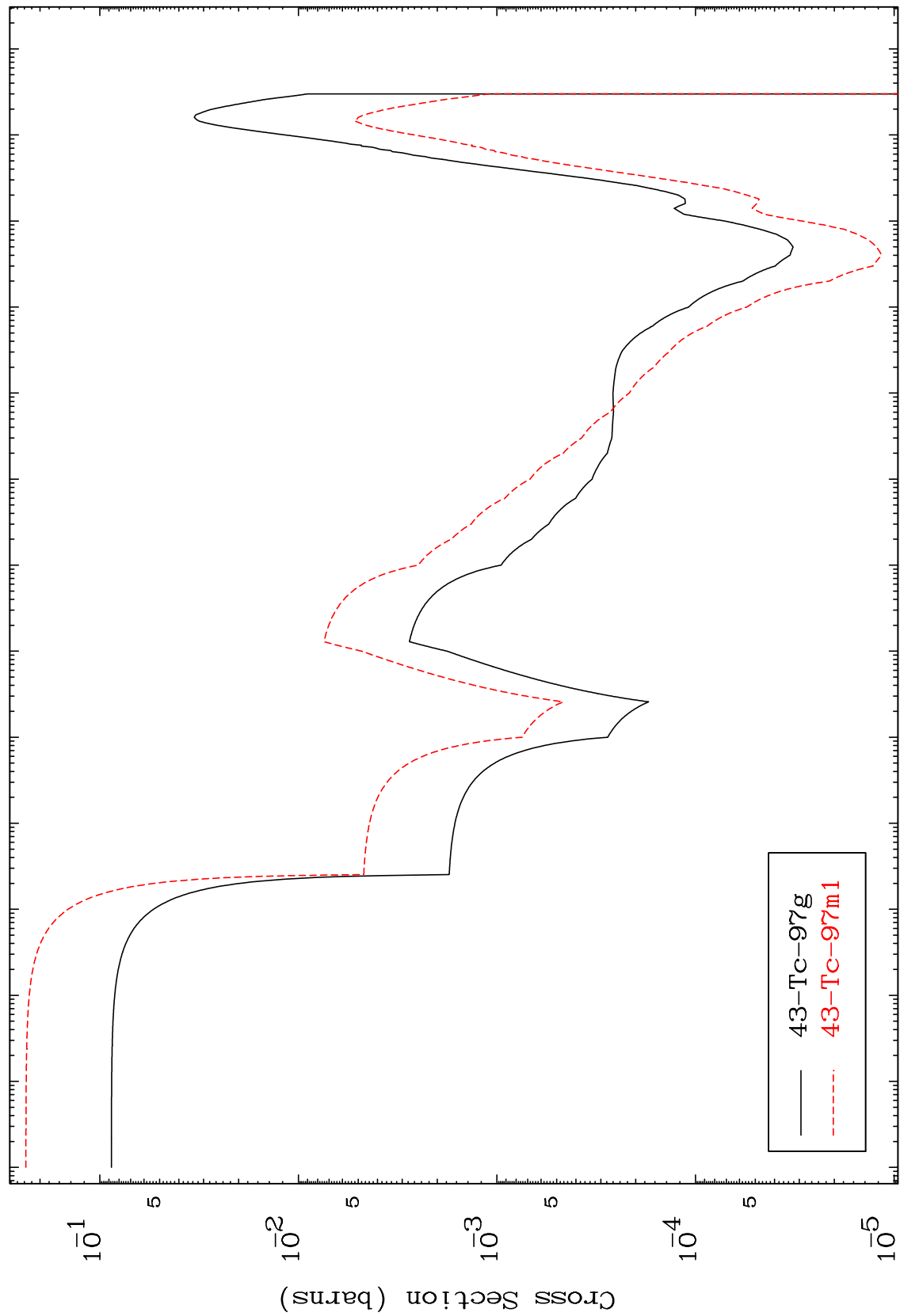
45-Rh-100

MAT 4516

45-Rh-100

Radionuclide Production Cross Section

(n, α)



131

Incident Energy (MeV)

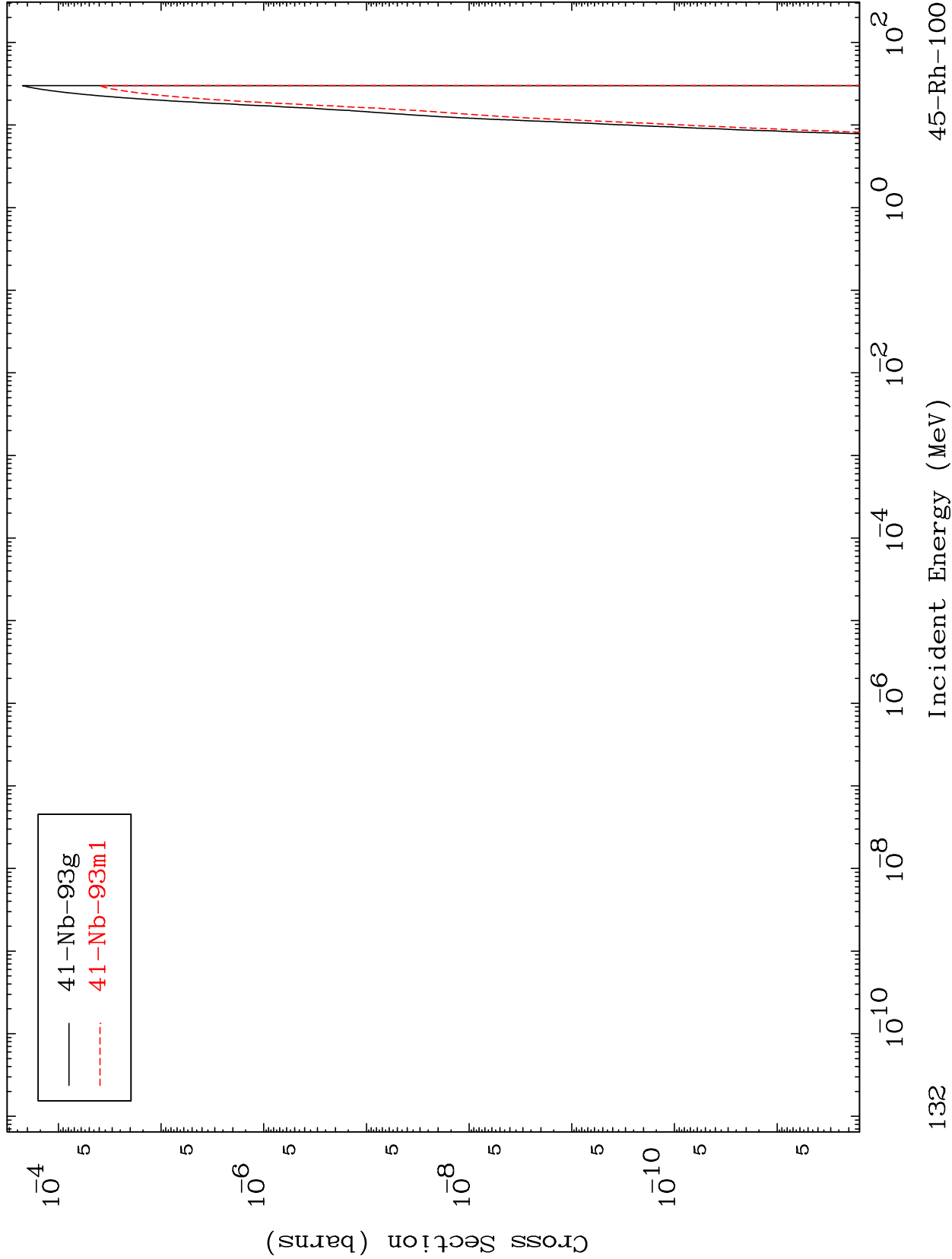
45-Rh-100

MAT 4516

(n,2α)

45-Rh-100

Radionuclide Production Cross Section

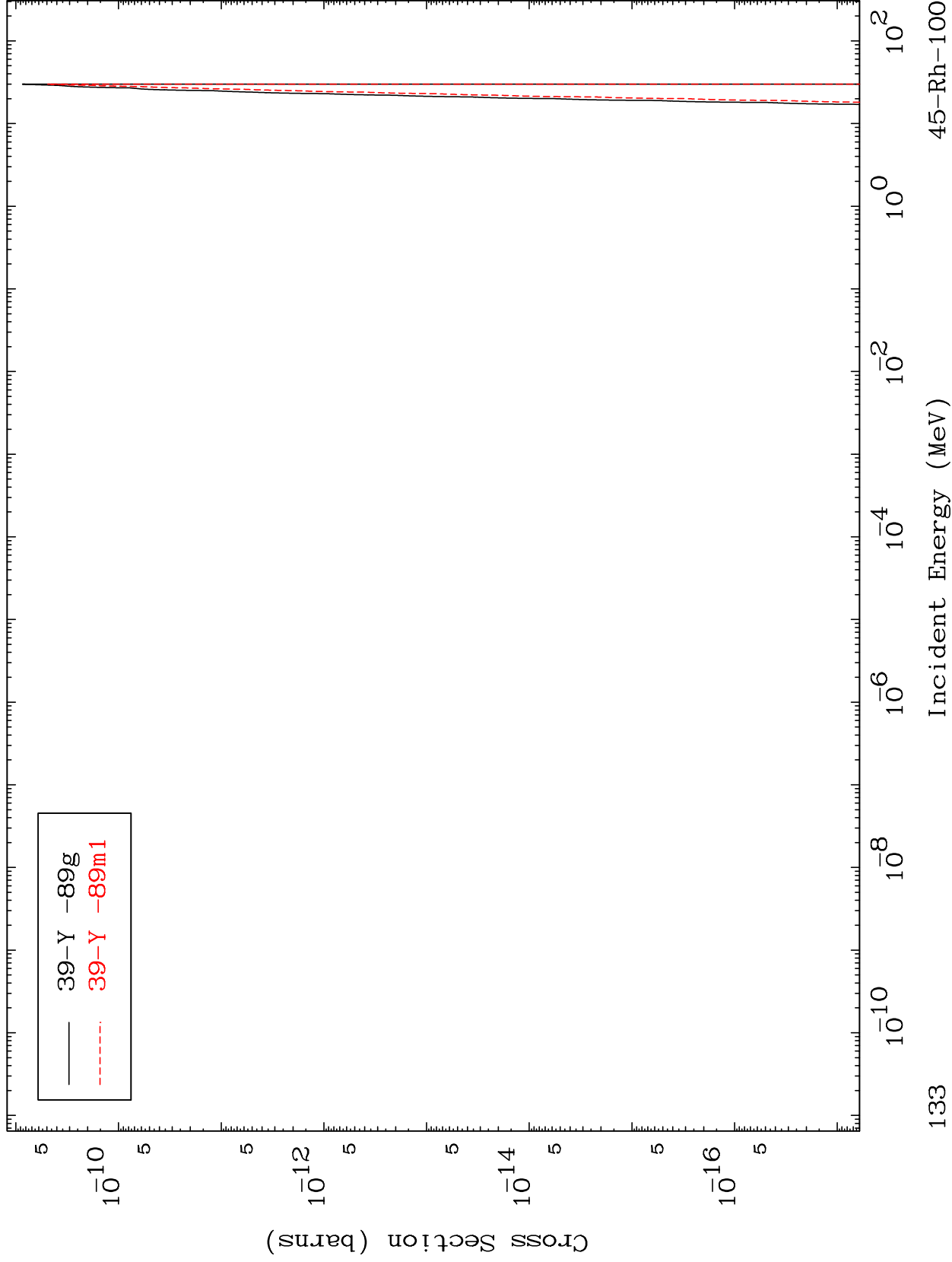


MAT 4516

(n,3 α)

45-Rh-100

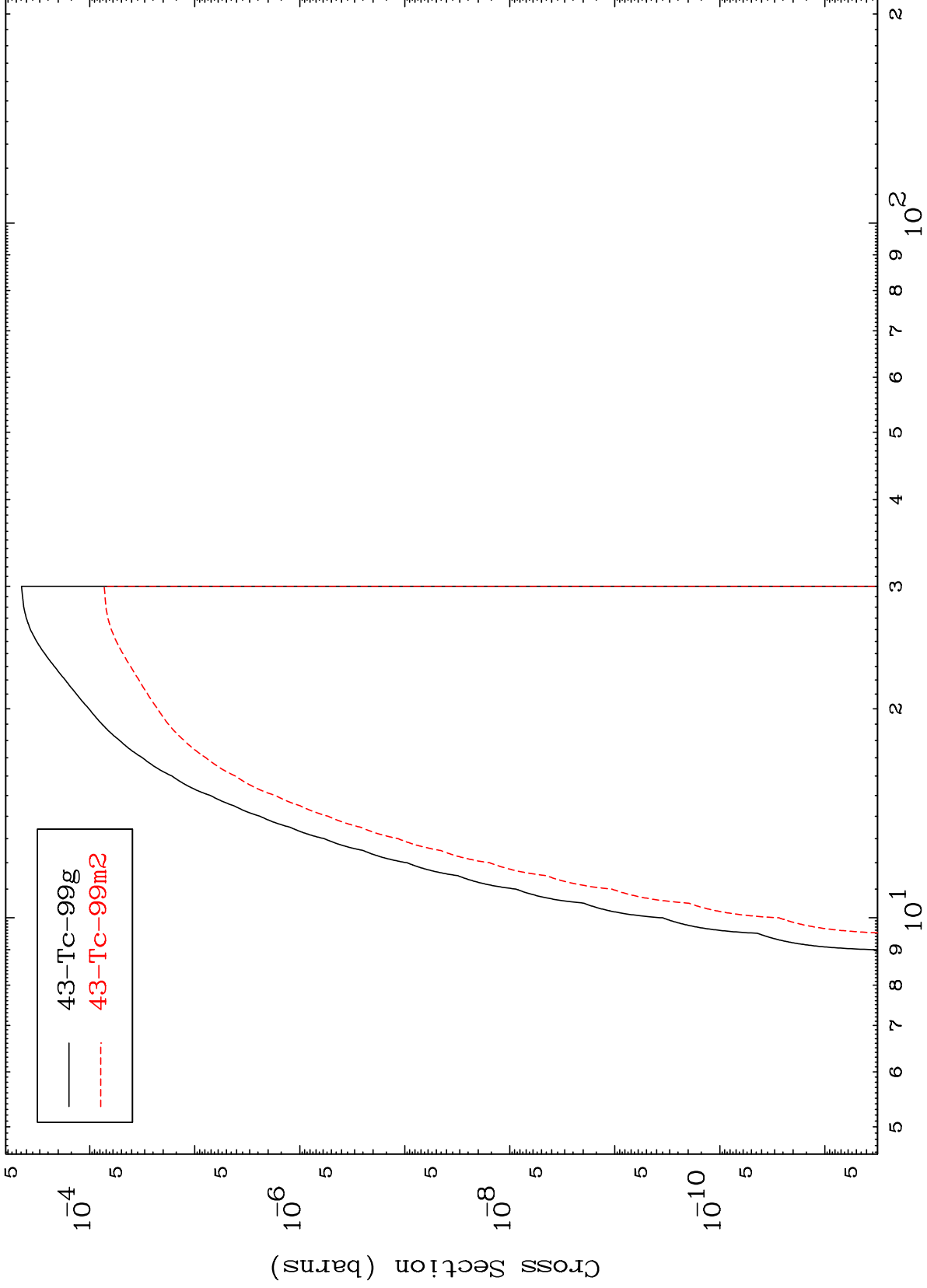
Radionuclide Production Cross Section



MAT 4516

45-Rh-100

(n,2p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

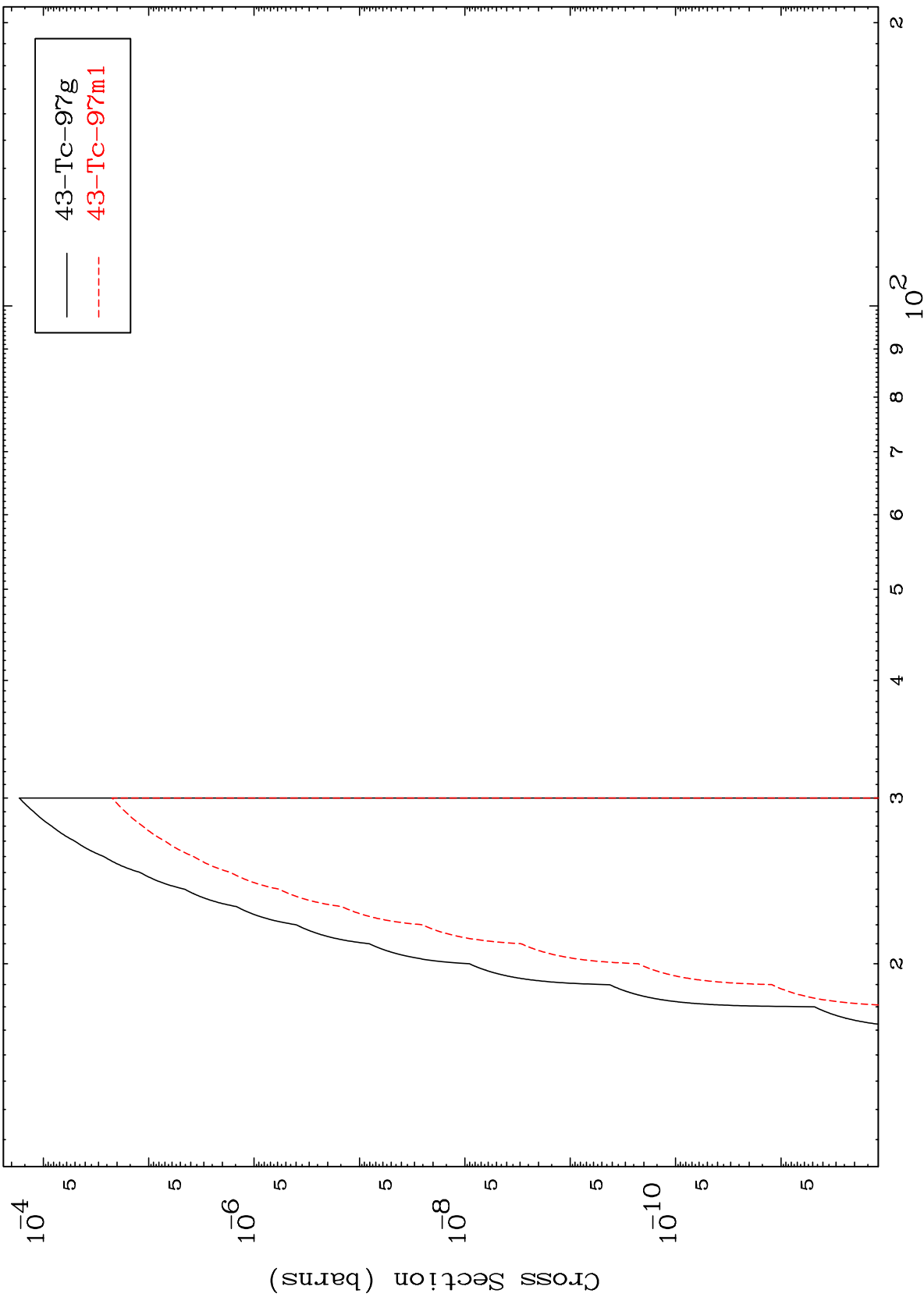
45-Rh-100

MAT 4516

(n,p) t

45-Rh-100

Radionuclide Production Cross Section



135

Incident Energy (MeV)

45-Rh-100