

Program EVALPLOT
(Version 2021-1)

by

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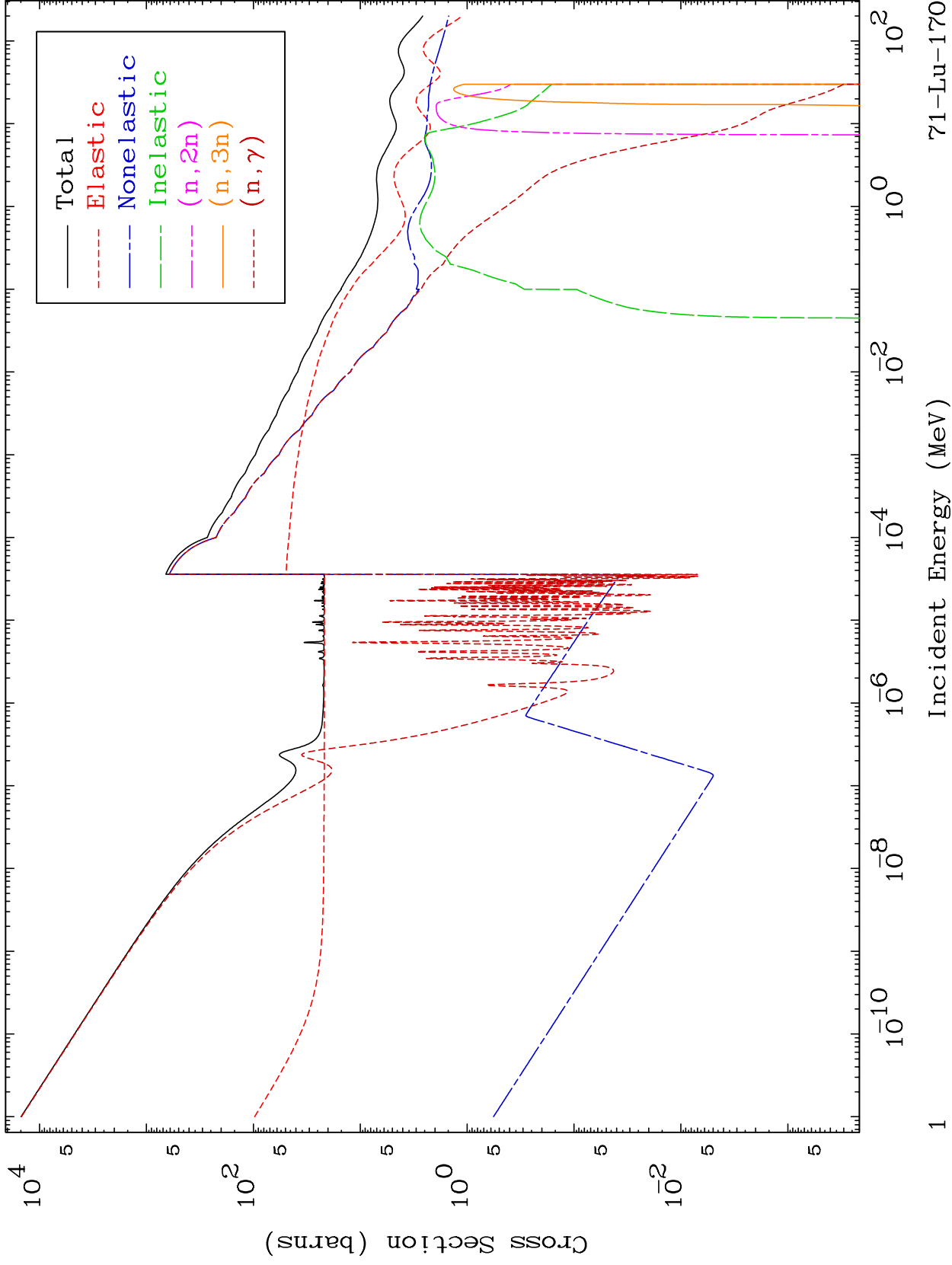
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7110

Neutron Major
293 Kelvin Cross Sections

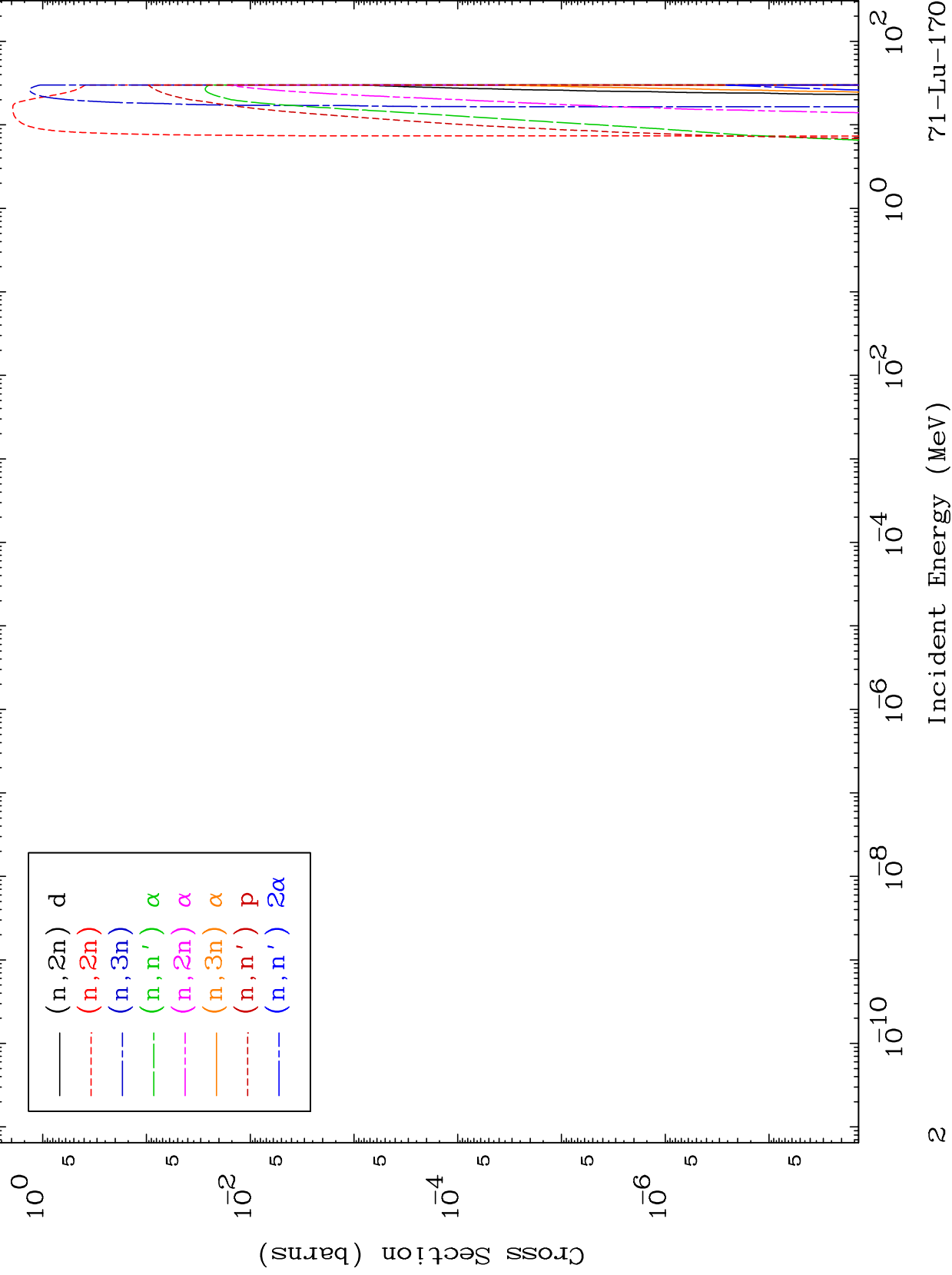
71-Lu-170



MAT 7110

Neutron Absorption
293 Kelvin Cross Sections

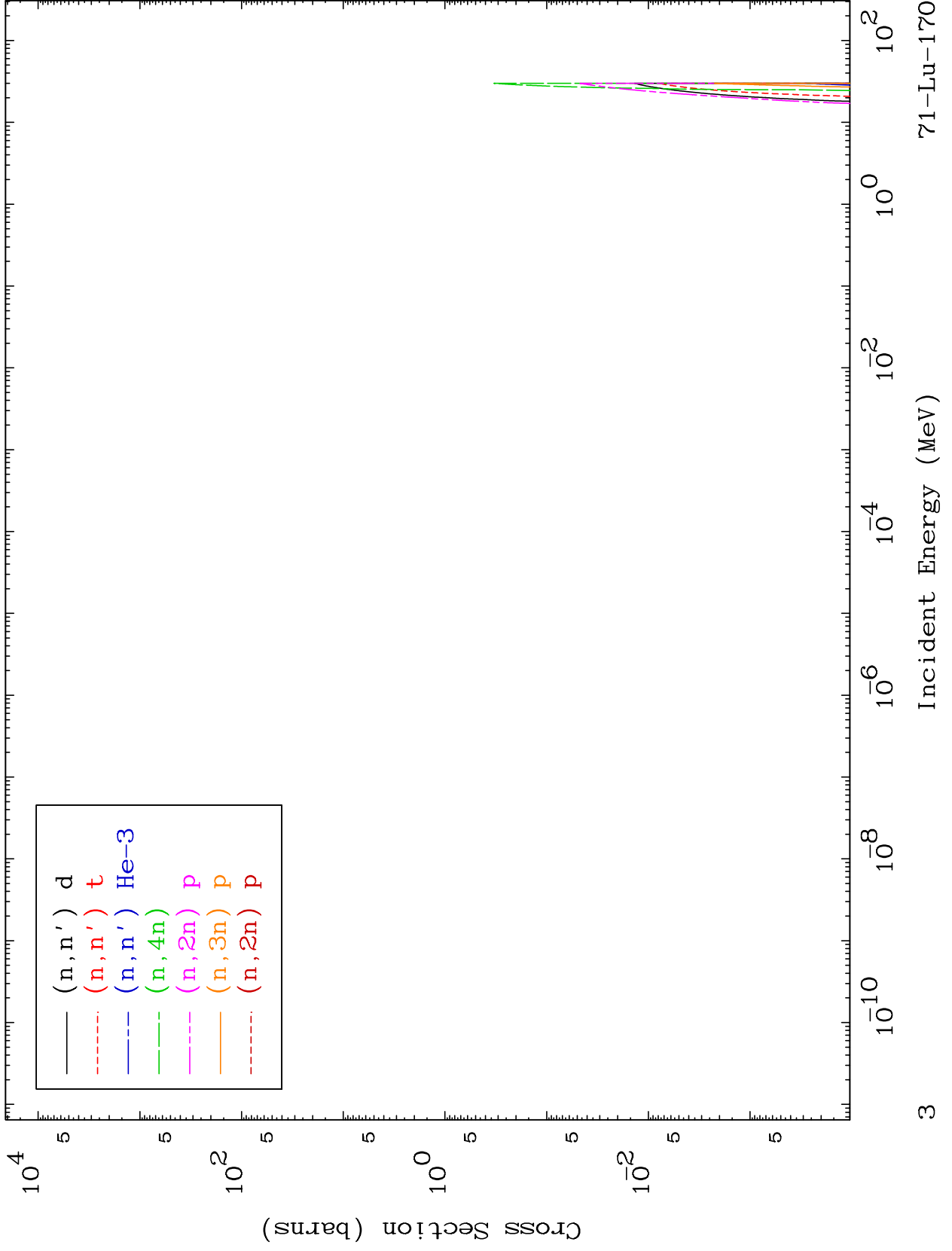
71-Lu-170



MAT 7110

Neutron Absorption
293 Kelvin Cross Sections

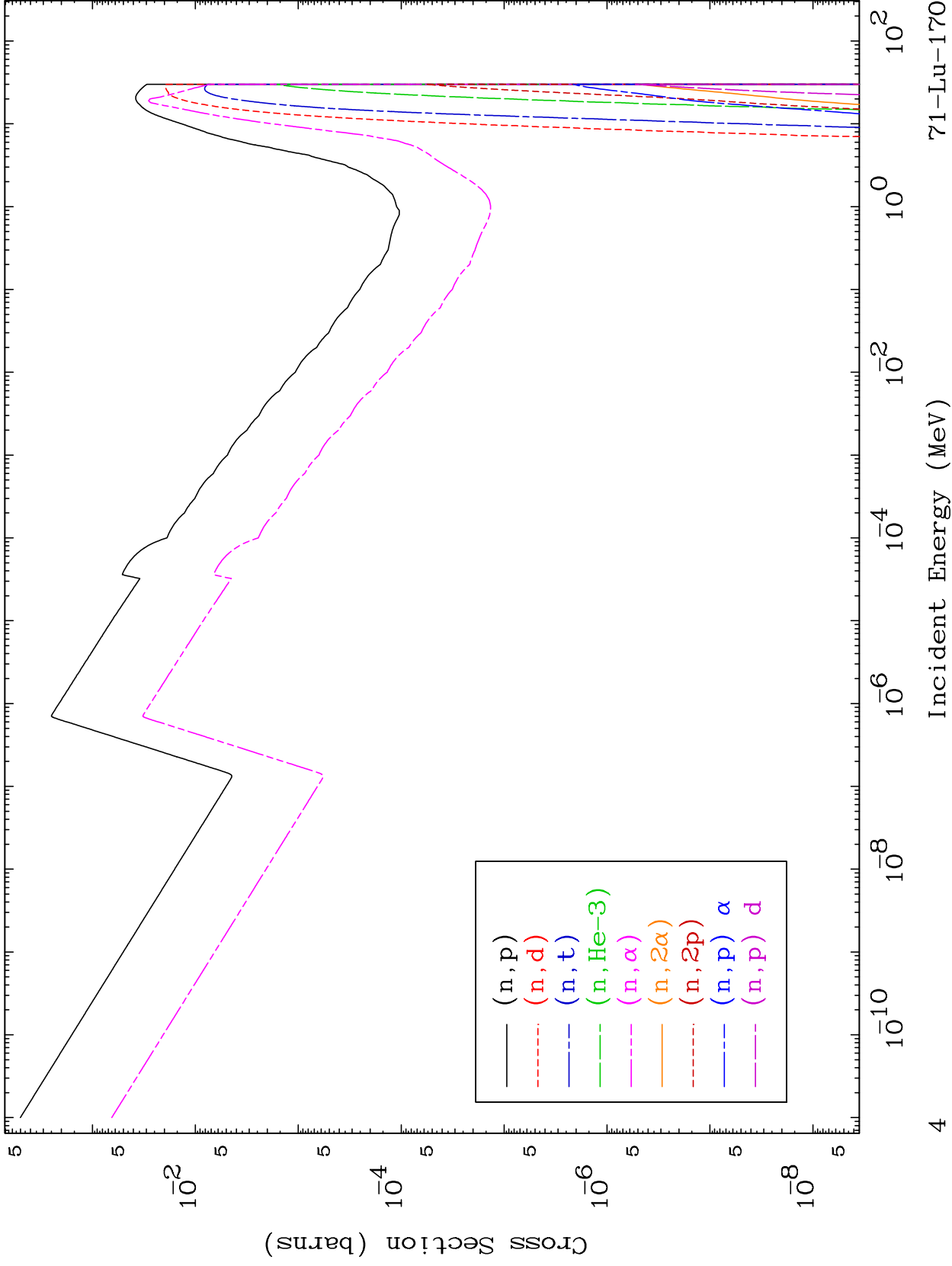
71-Lu-170



MAT 7110

Neutron Absorption
293 Kelvin Cross Sections

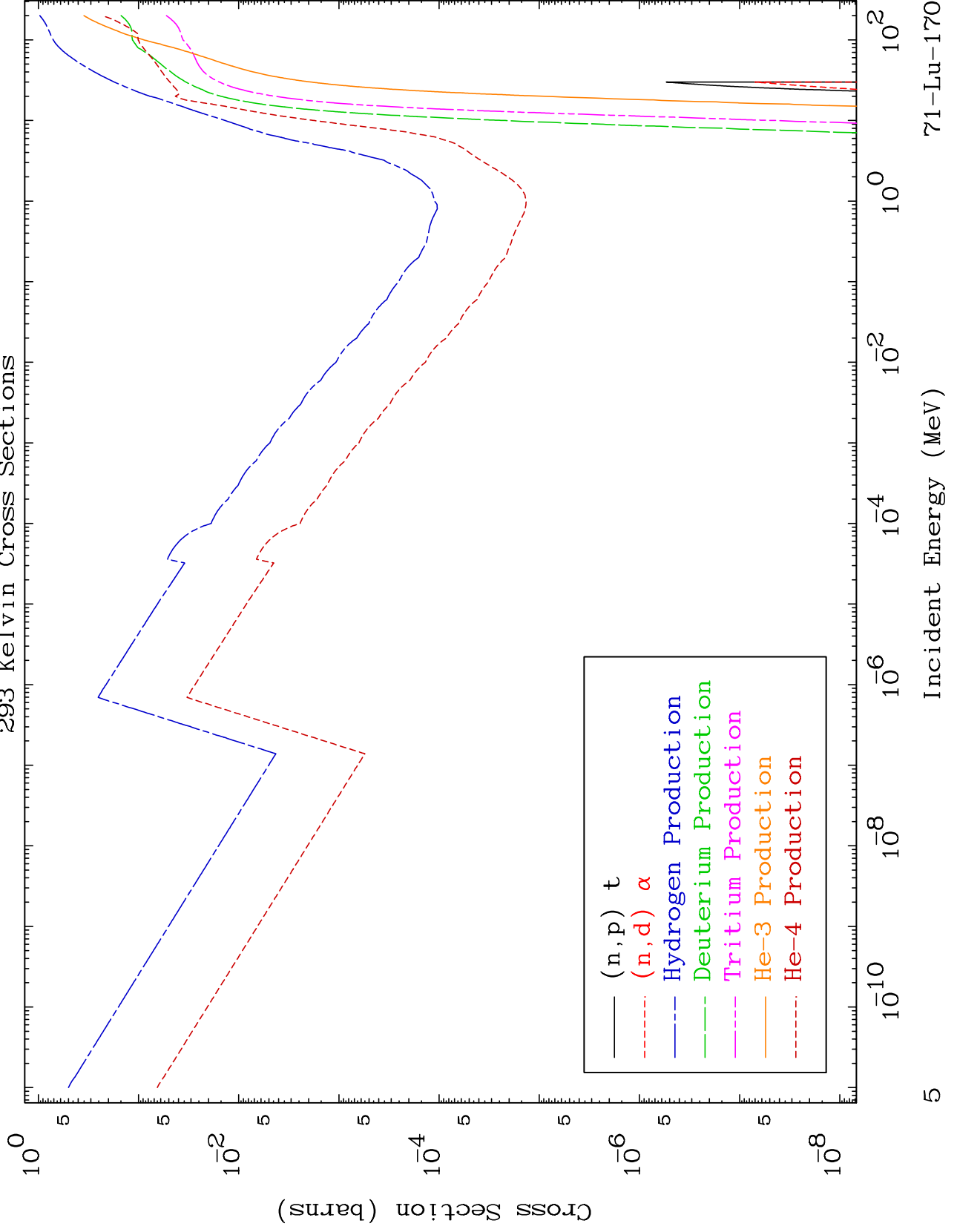
71-Lu-170



MAT 7110

Neutron Absorption
293 Kelvin Cross Sections

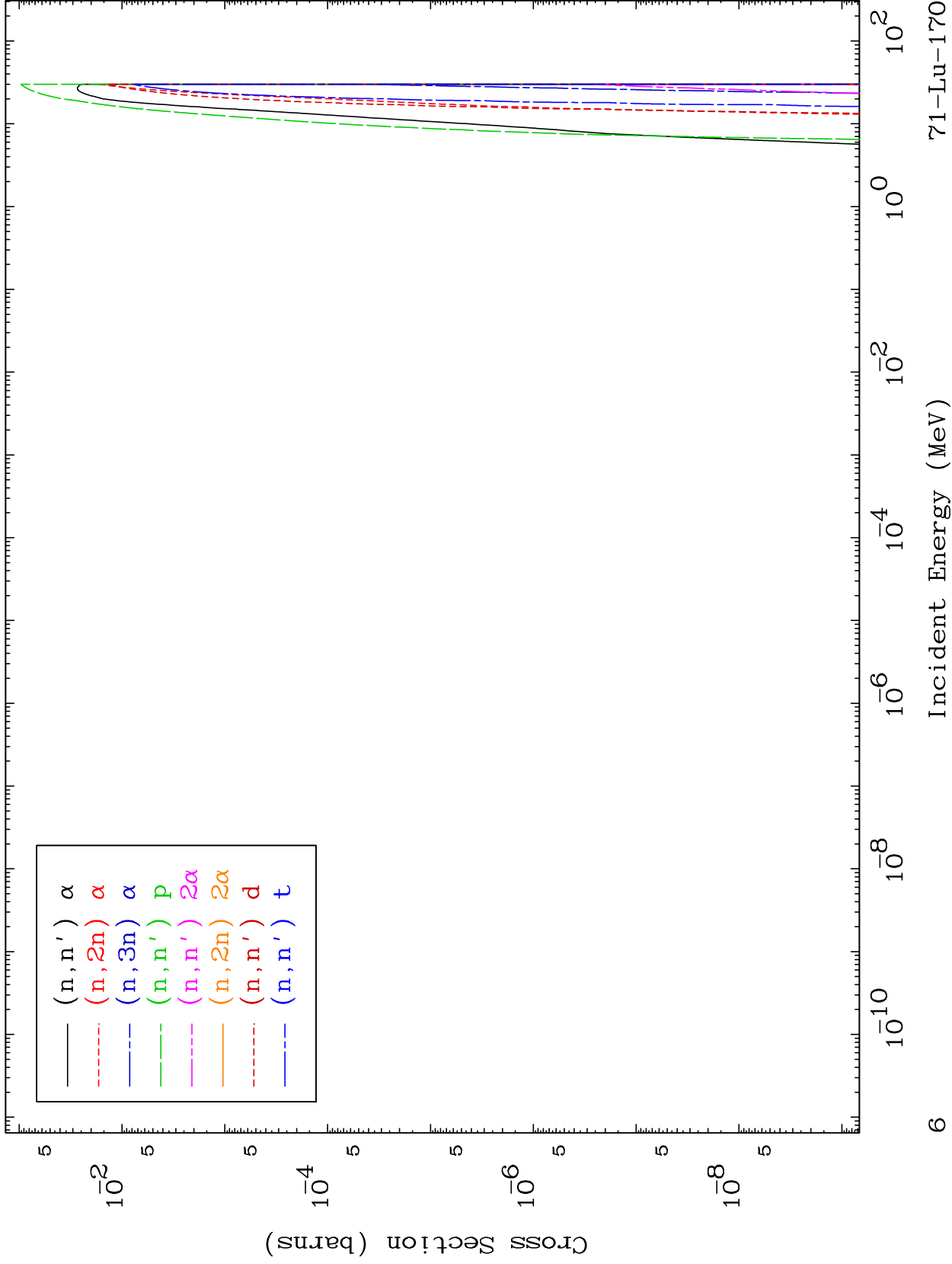
71-Lu-170



MAT 7110

Charged Particle
293 Kelvin Cross Sections

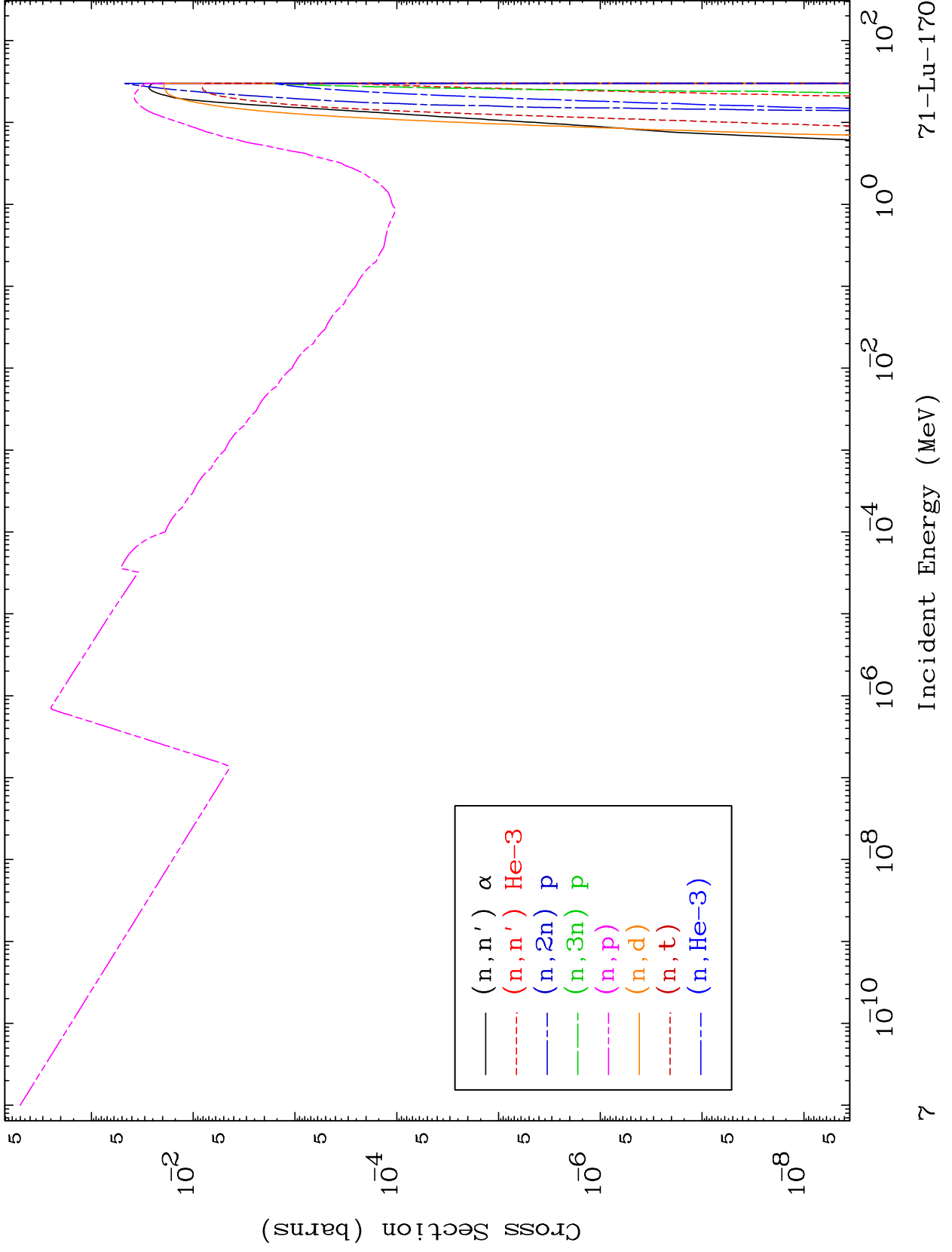
⁷¹Lu-170



MAT 7110

Charged Particle
293 Kelvin Cross Sections

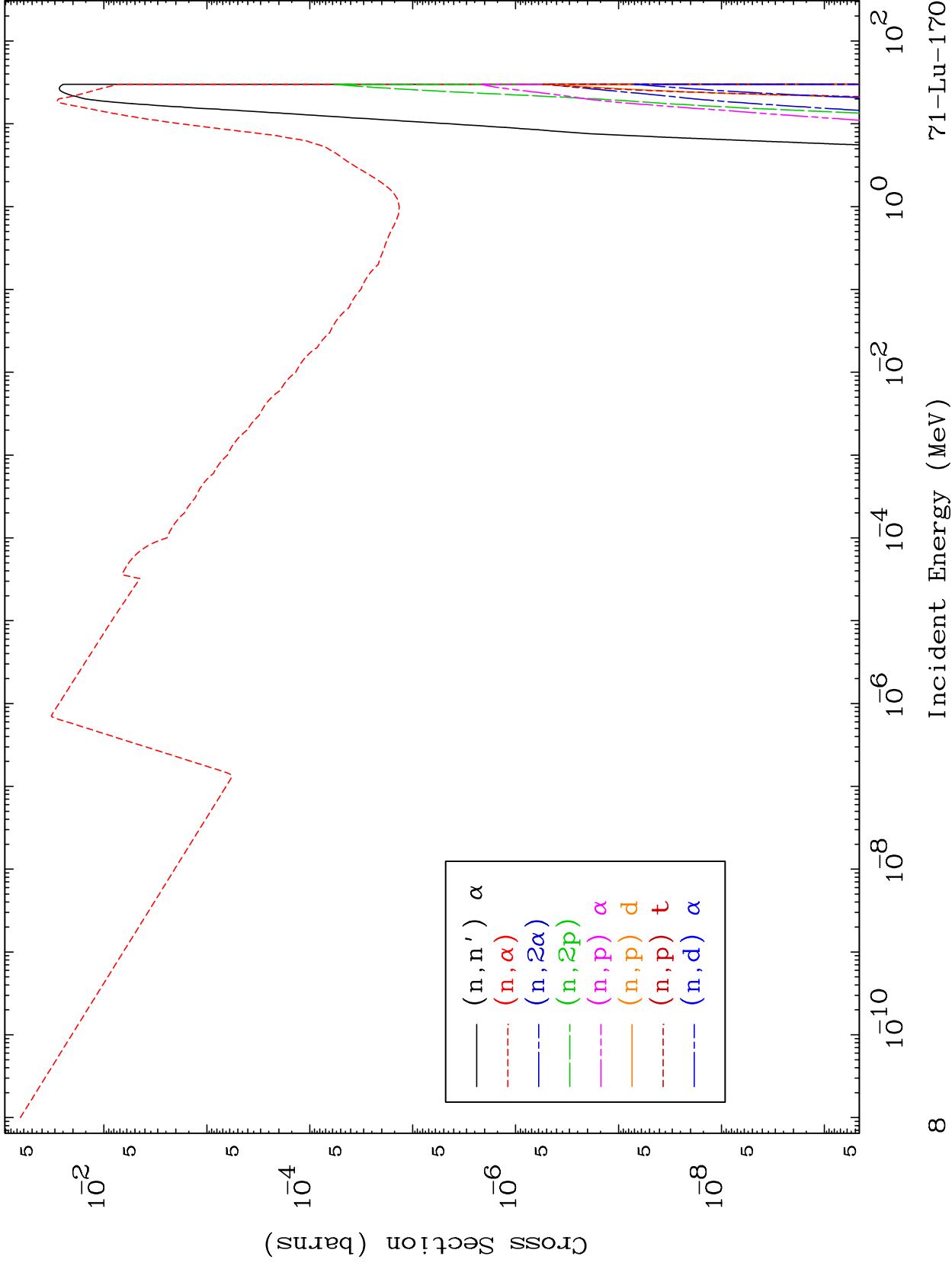
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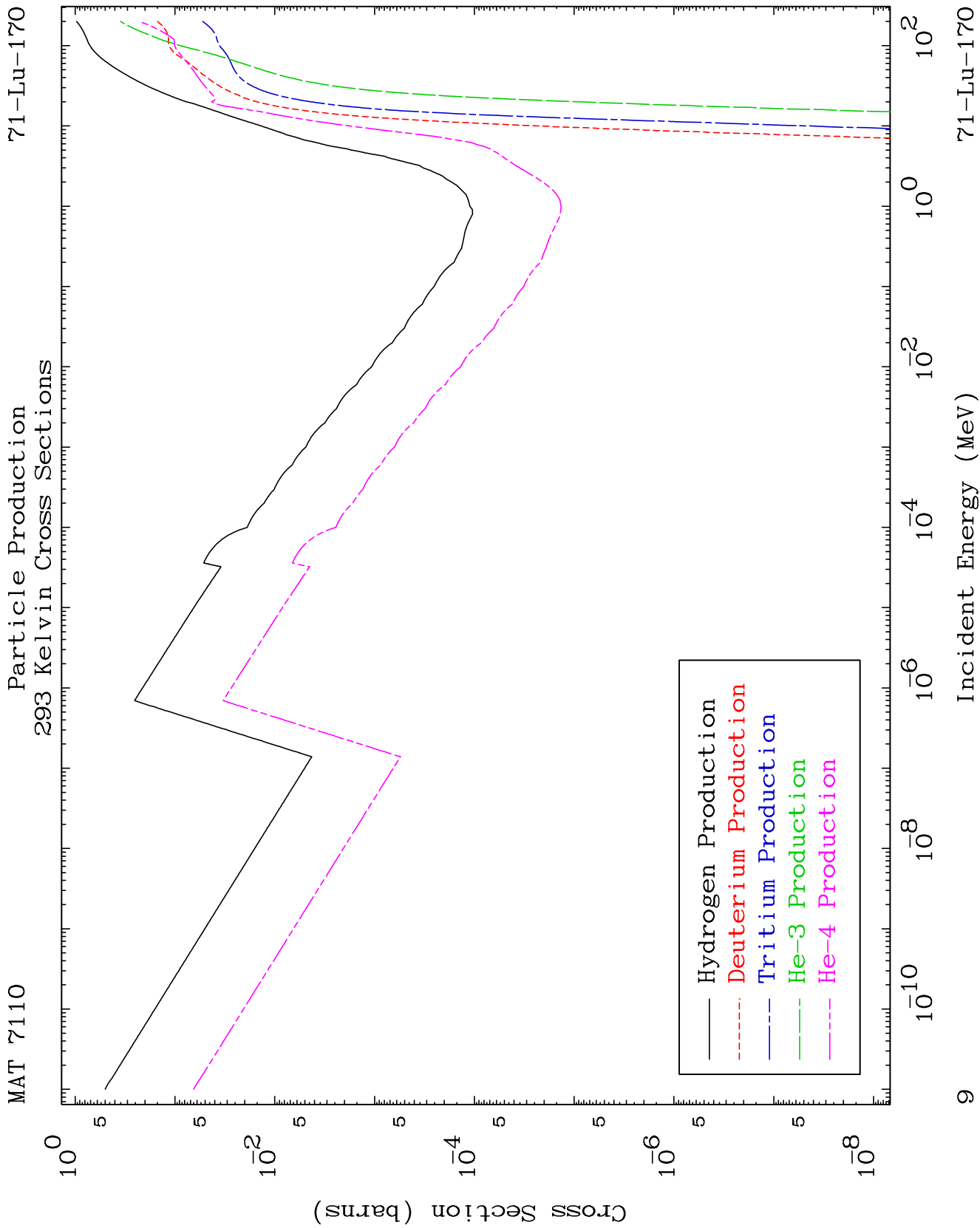


MAT 7110

Charged Particle
293 Kelvin Cross Sections

71-Lu-170



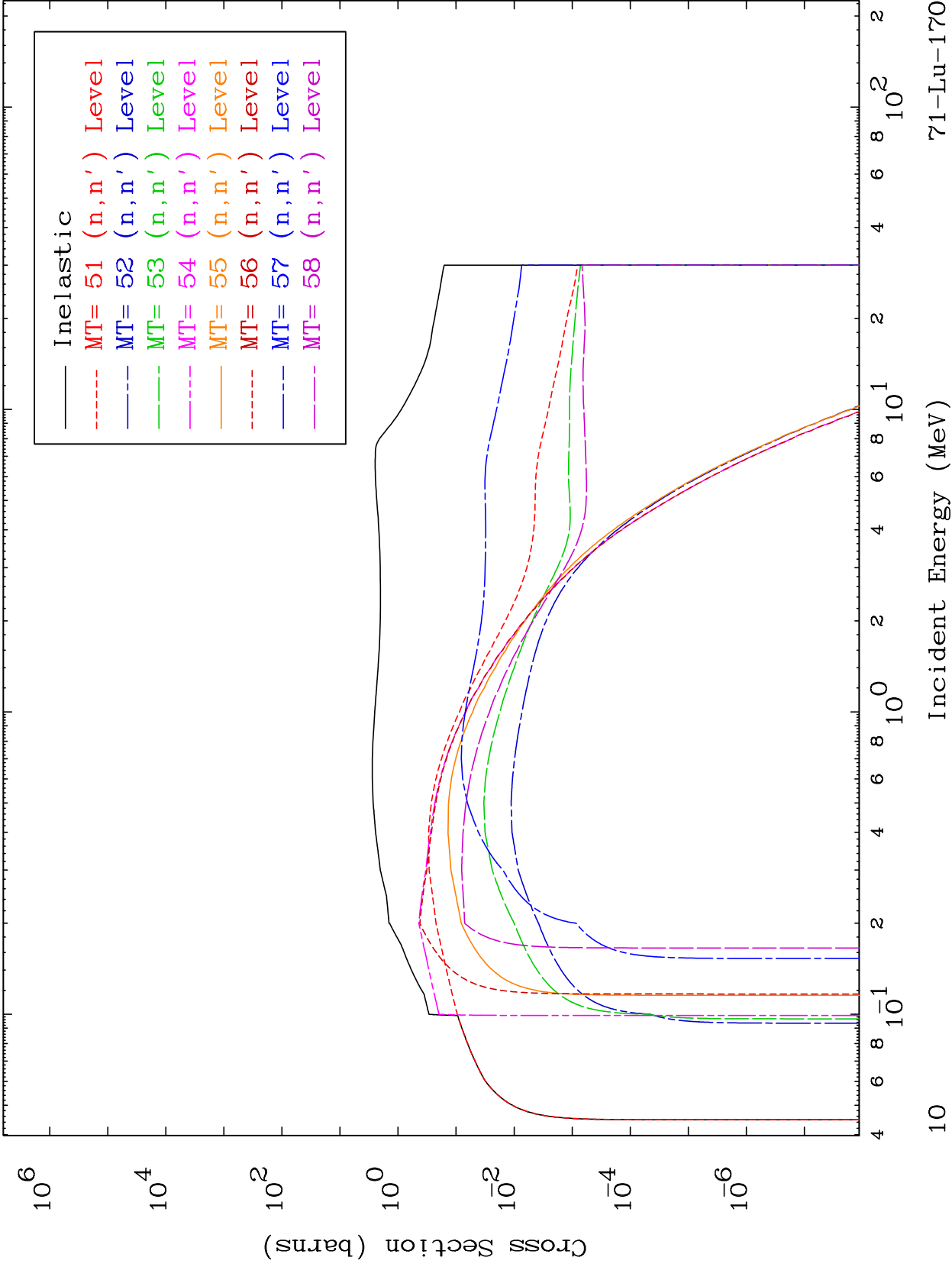


MAT 7110

(n,n') Levels

71-Lu-170

293 Kelvin Cross Sections



10

Incident Energy (MeV)

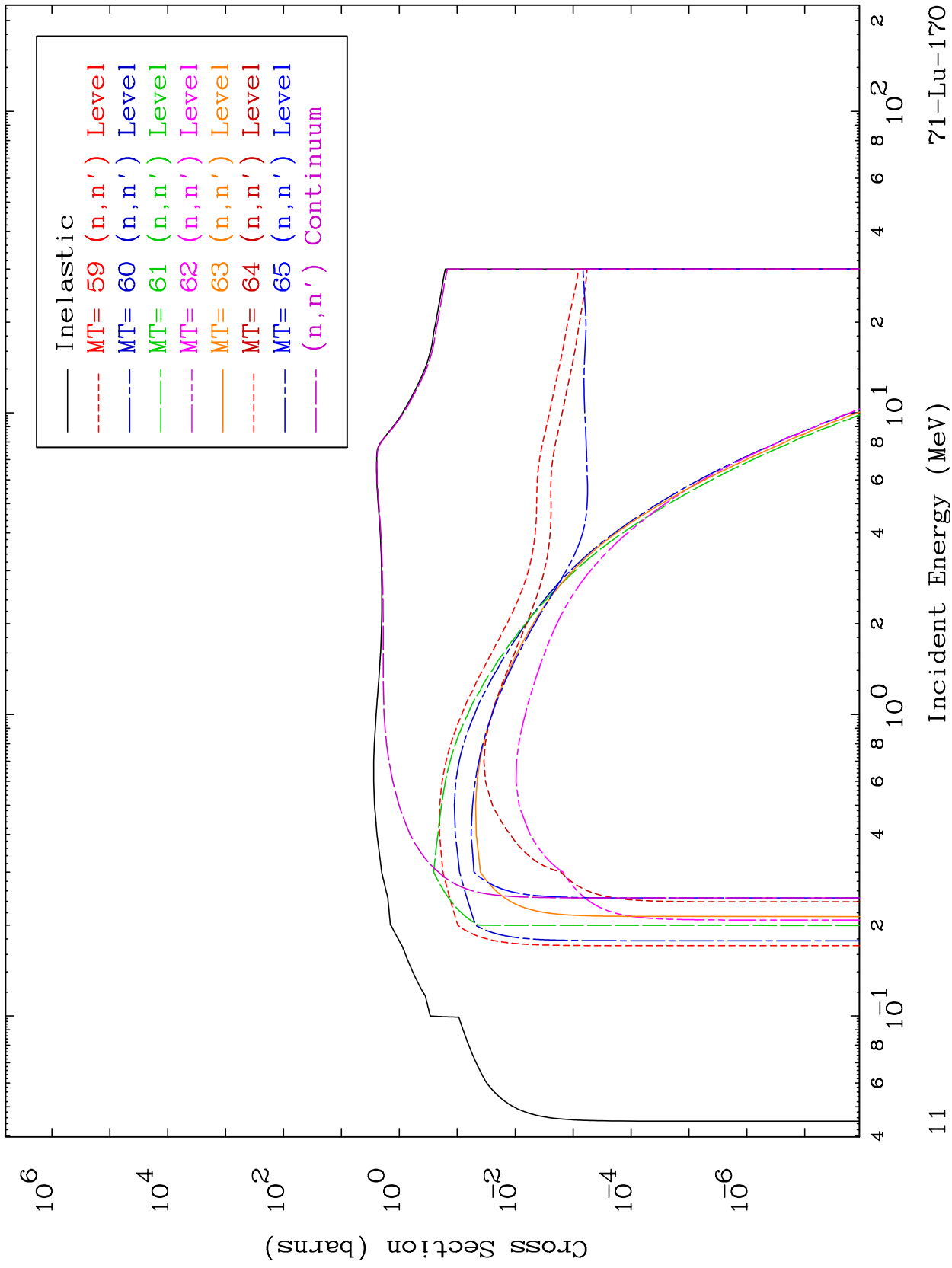
71-Lu-170

MAT 7110

(n,n') Levels

293 Kelvin Cross Sections

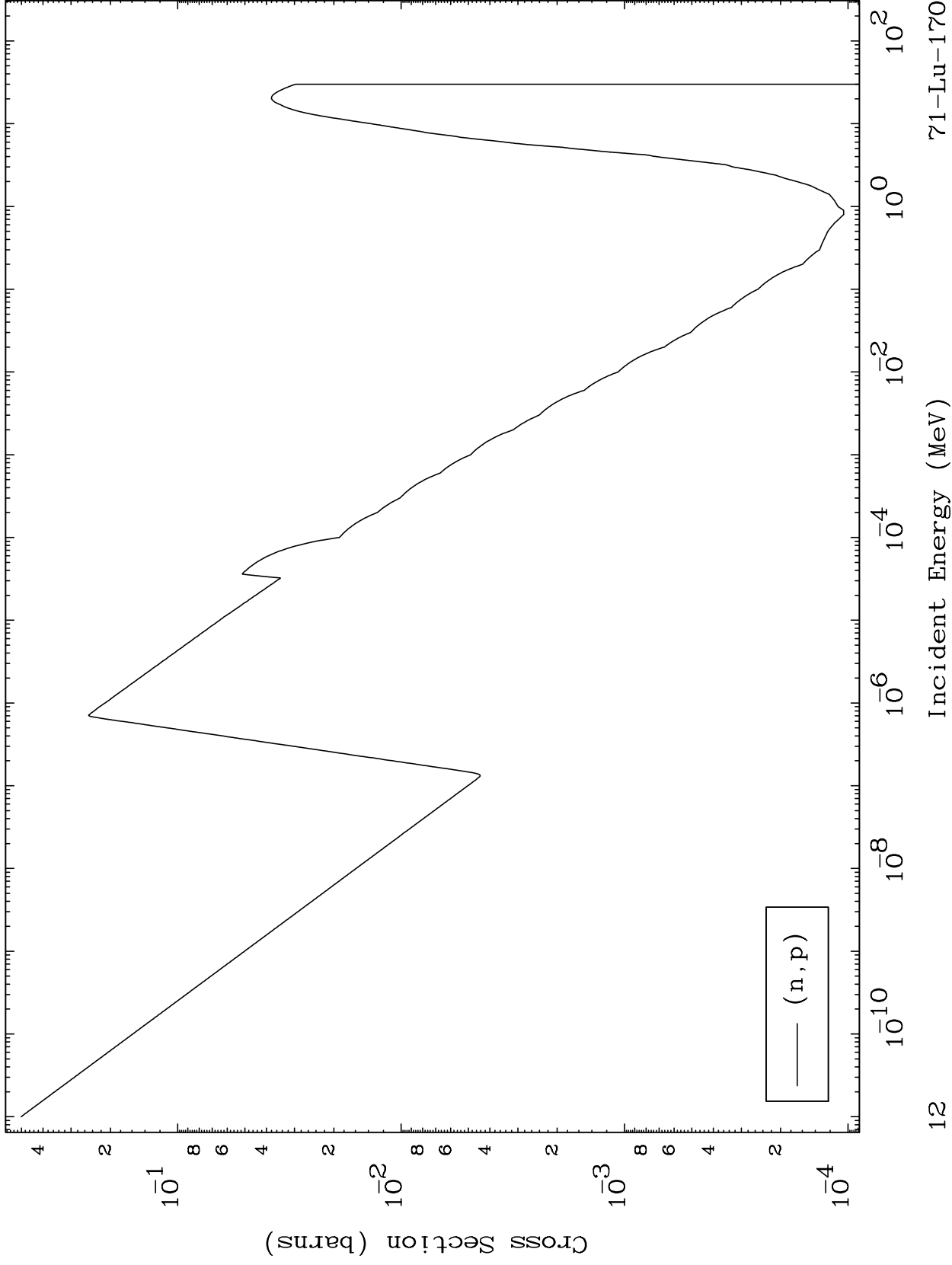
71-Lu-170



MAT 7110

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-170

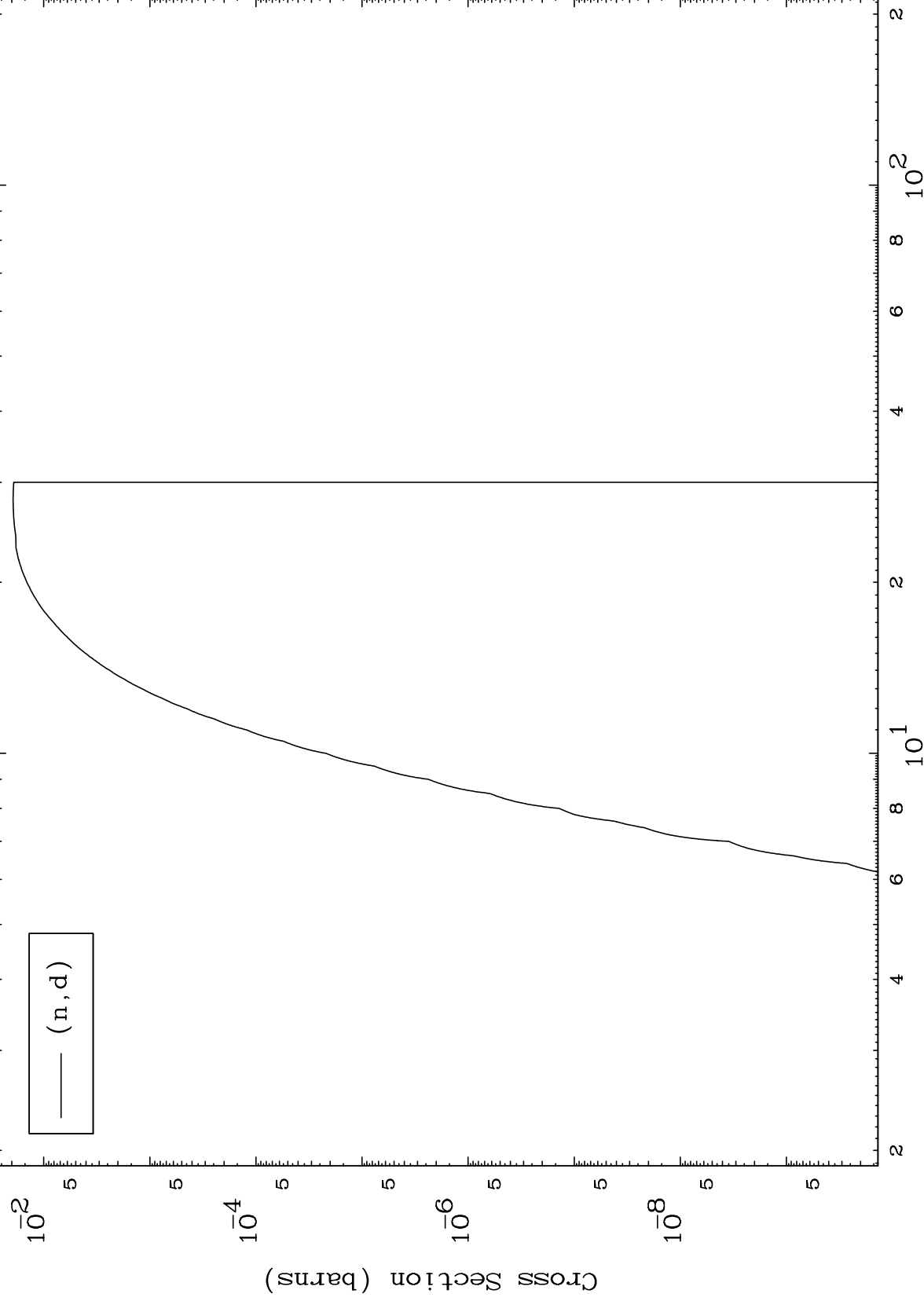


12

MAT 7110

(n,d) Levels
293 Kelvin Cross Sections

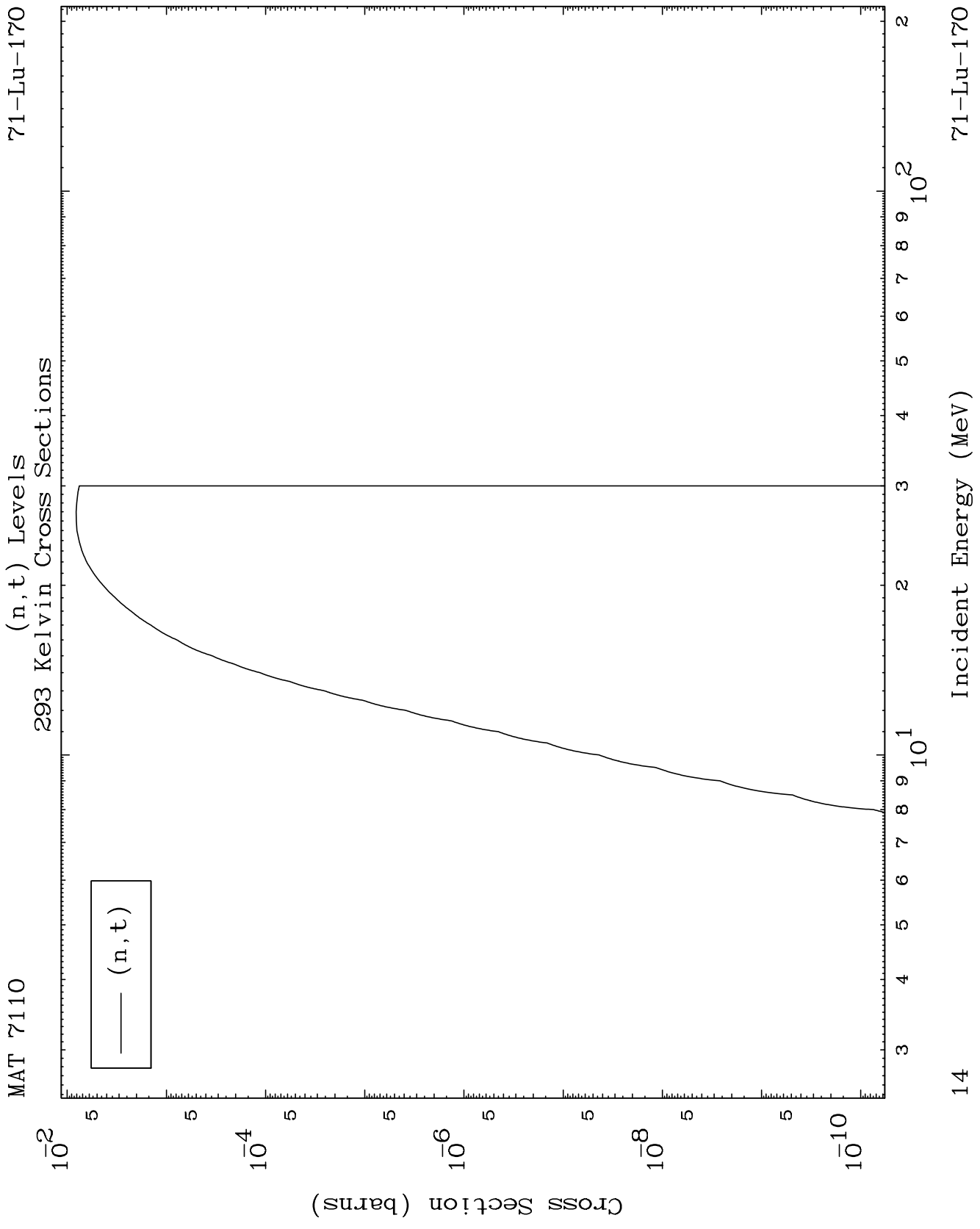
71-Lu-170



13

Incident Energy (MeV)

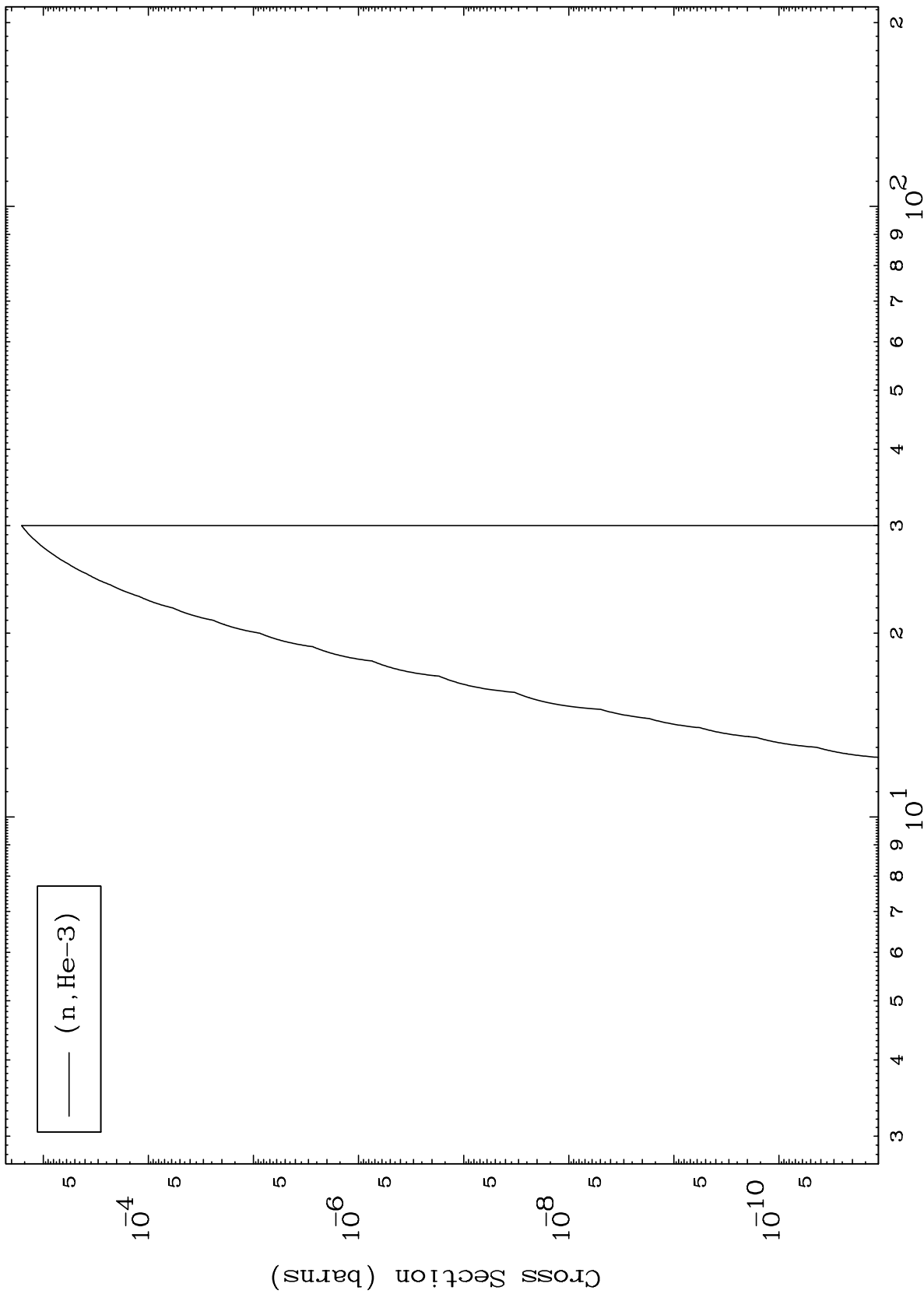
71-Lu-170



MAT 7110

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-170



15

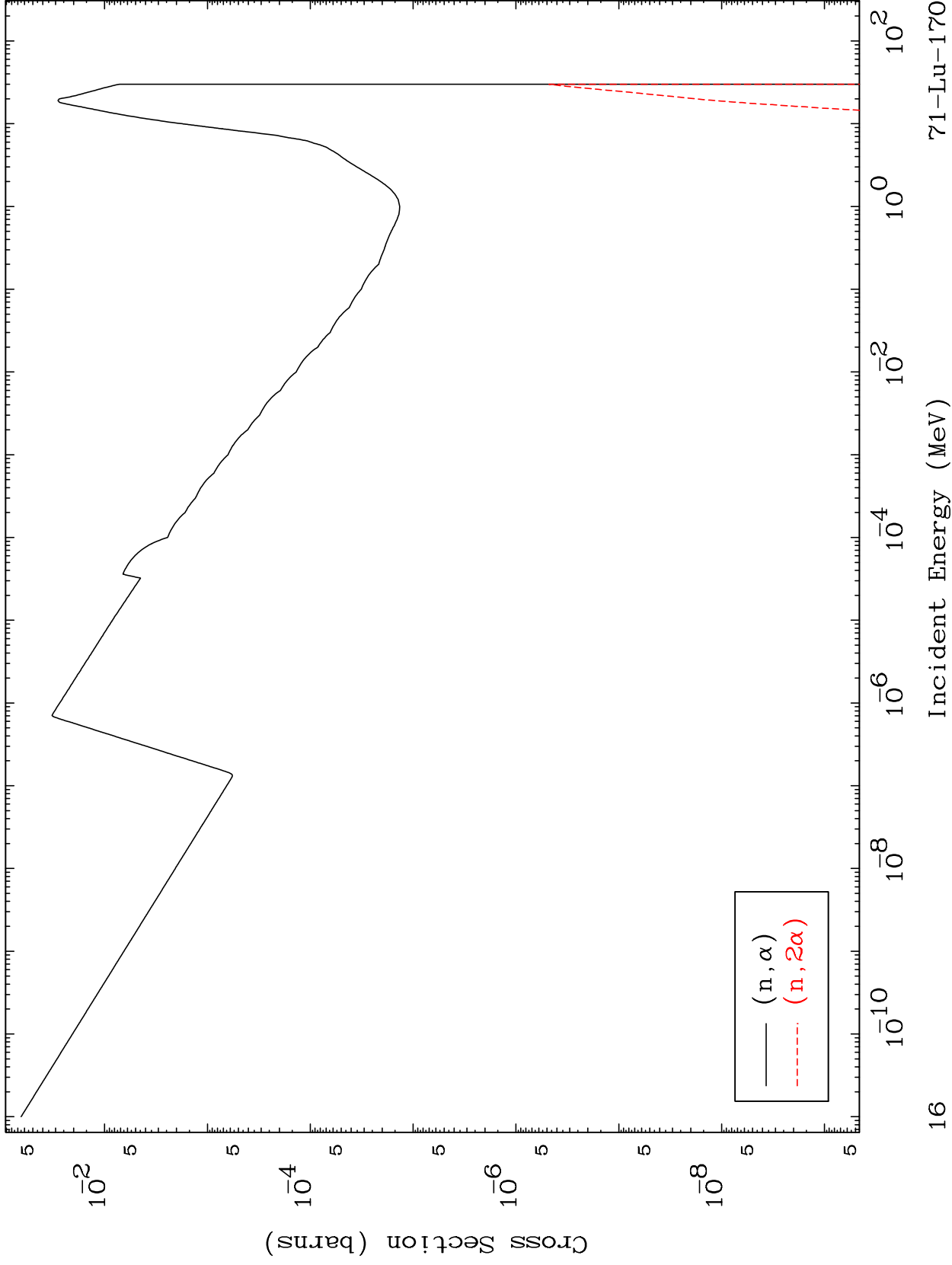
Incident Energy (MeV)

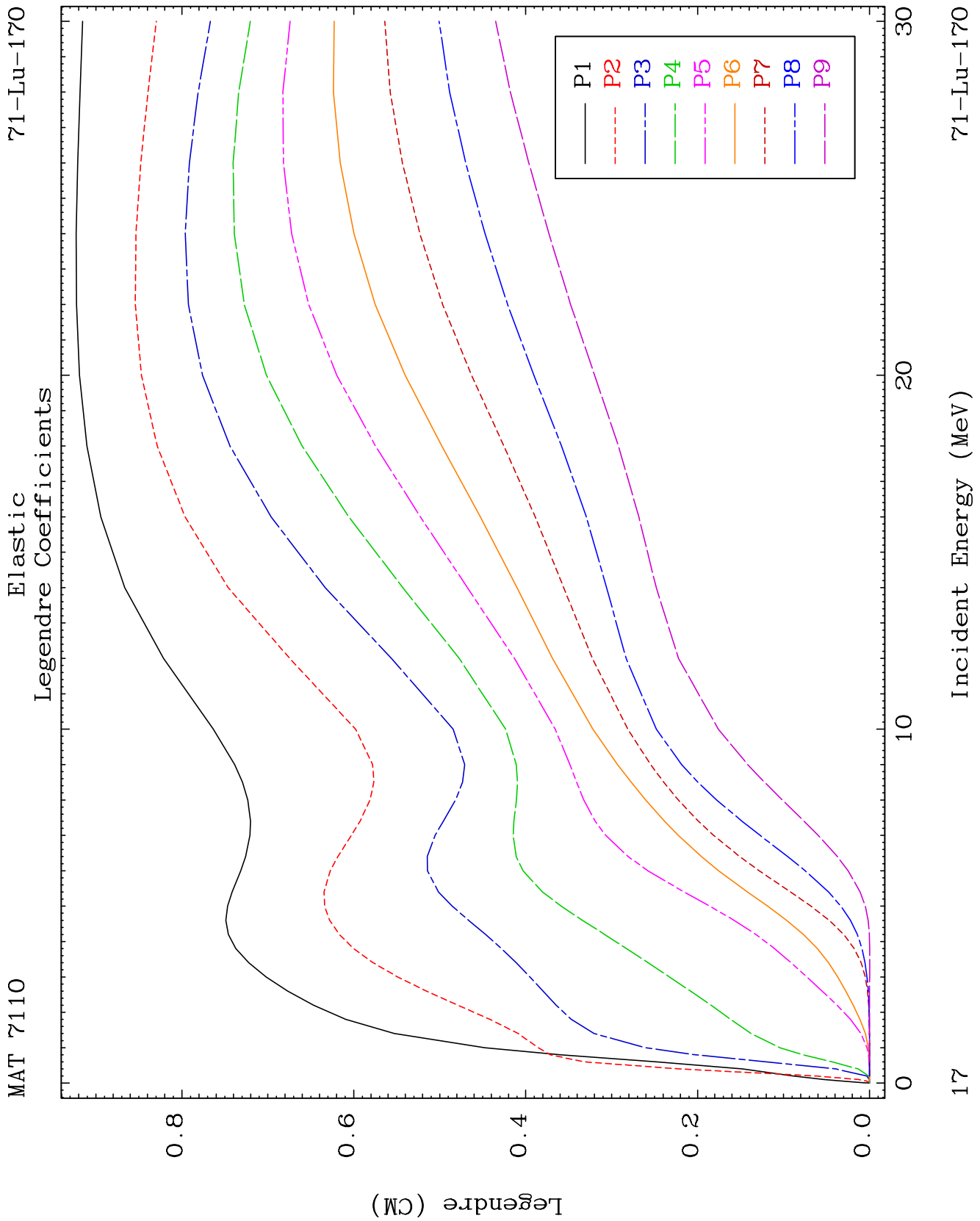
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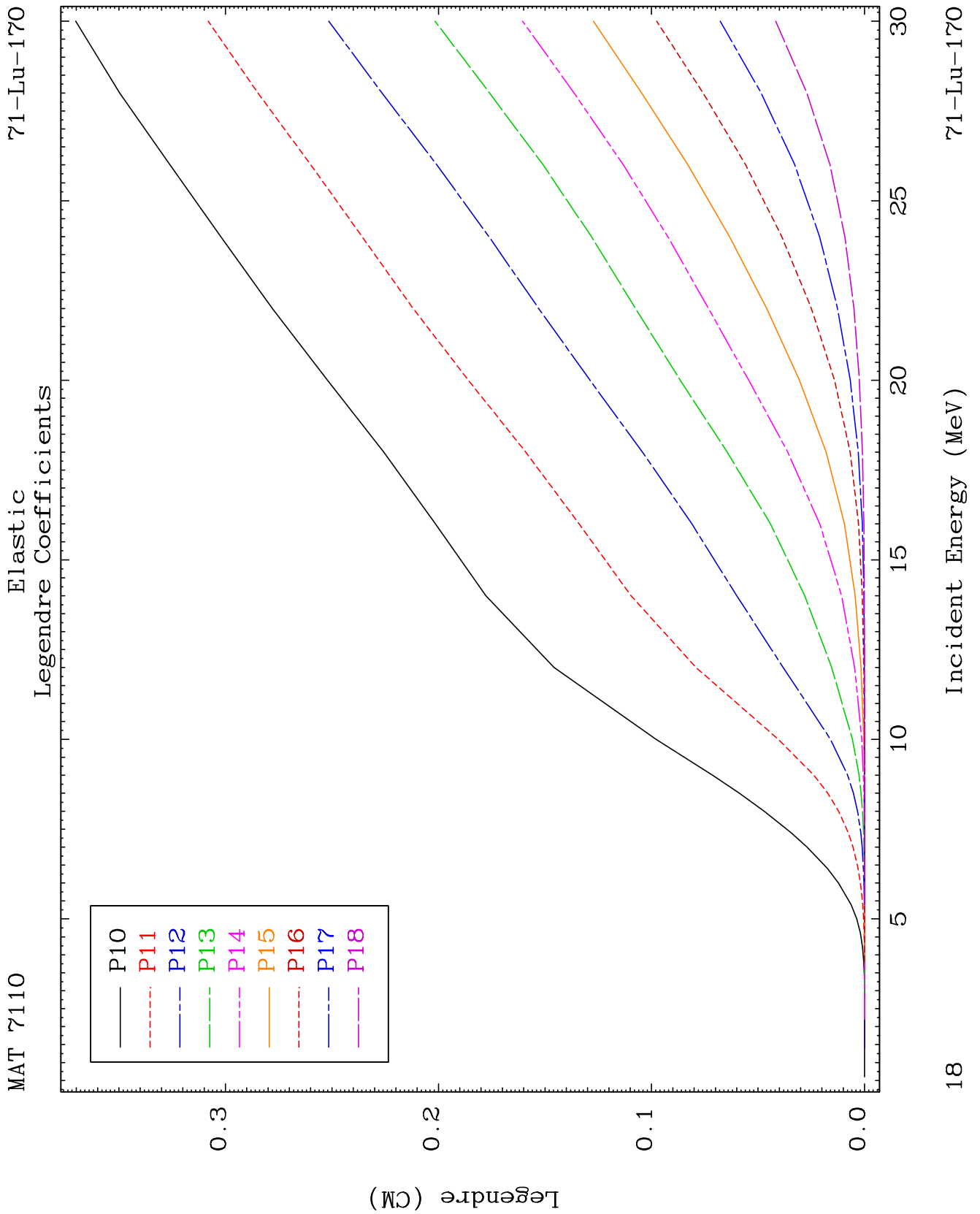
MAT 7110

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-170



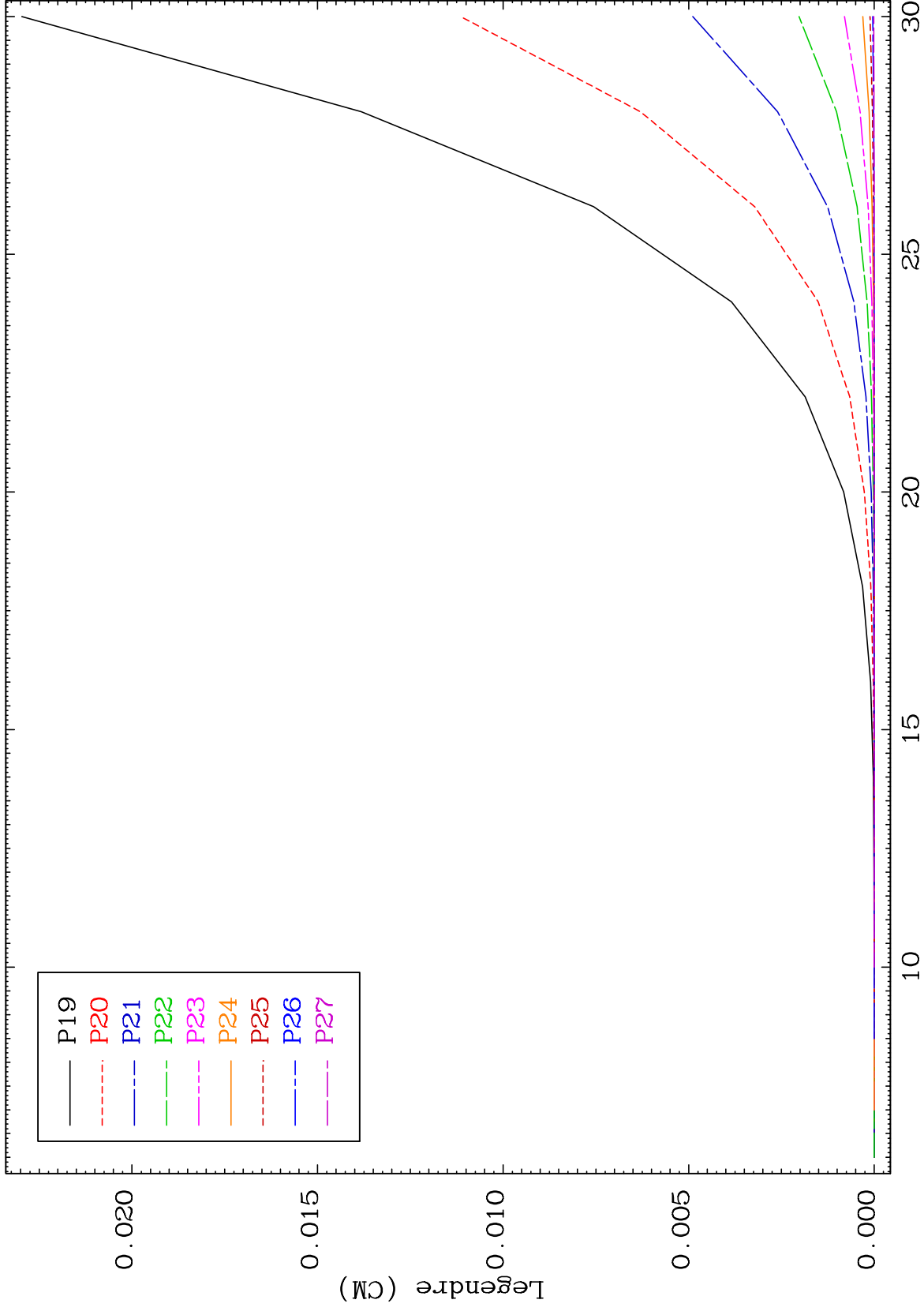




MAT 7110

Elastic
Legendre Coefficients

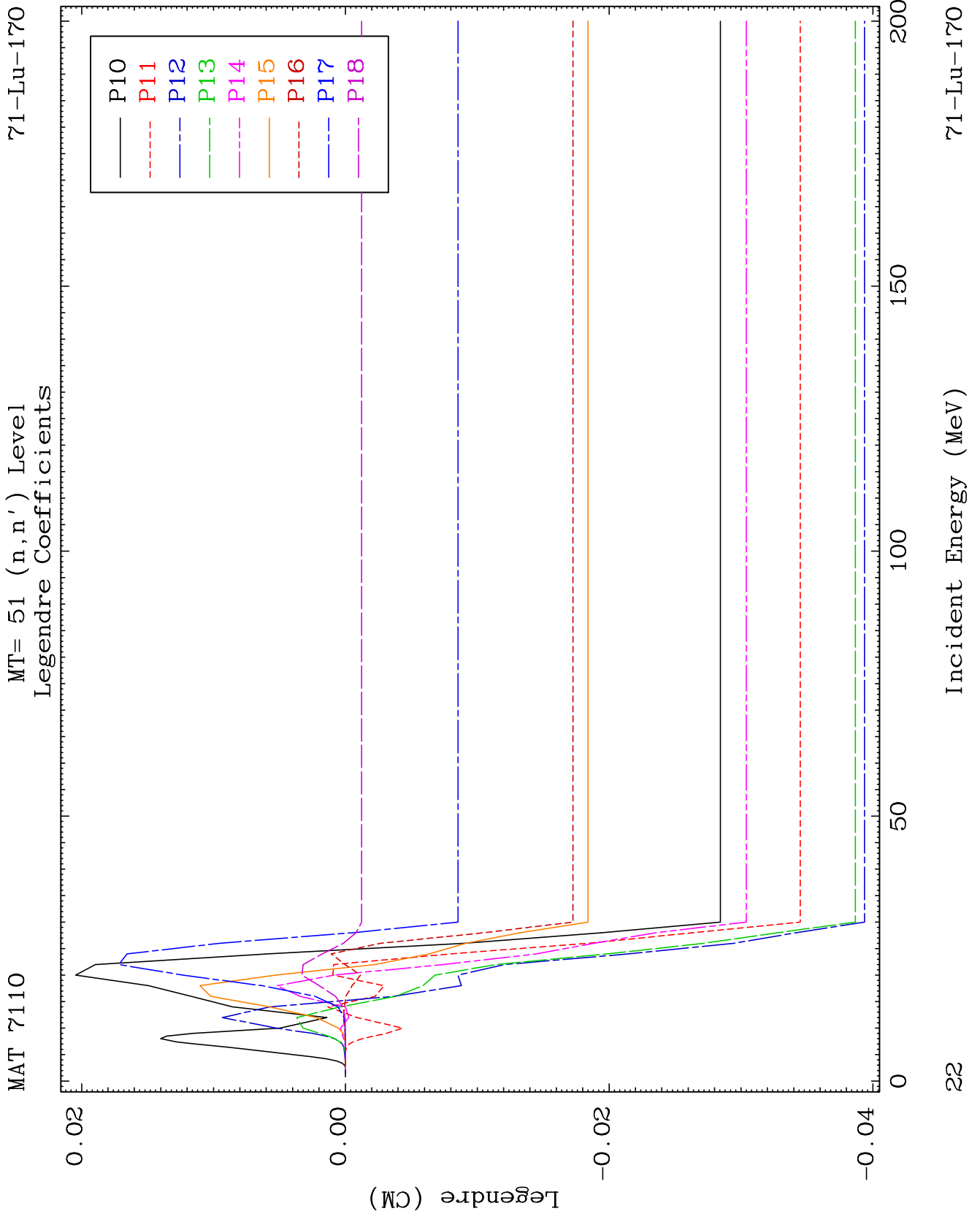
71-Lu-170



19

Incident Energy (MeV)

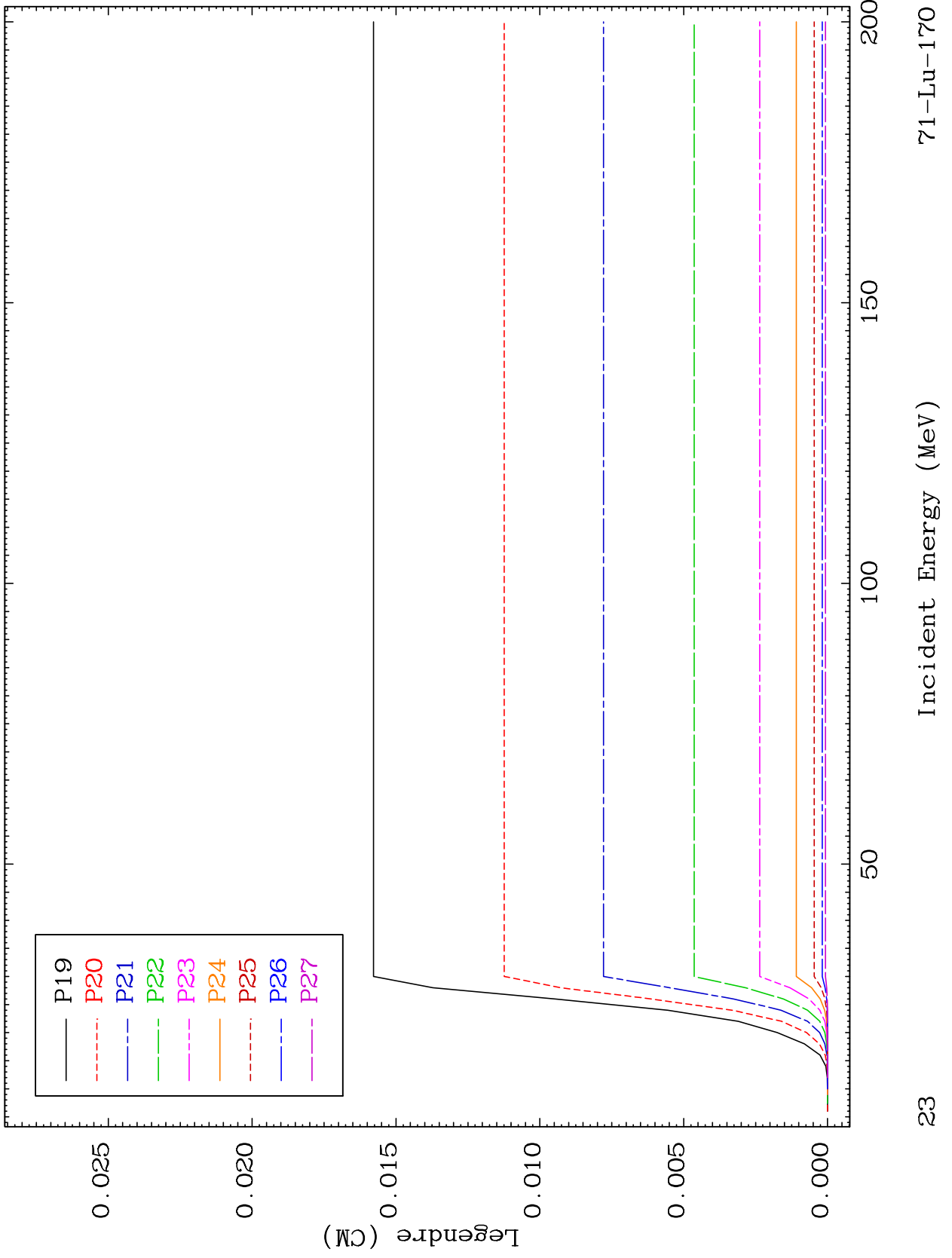
71-Lu-170

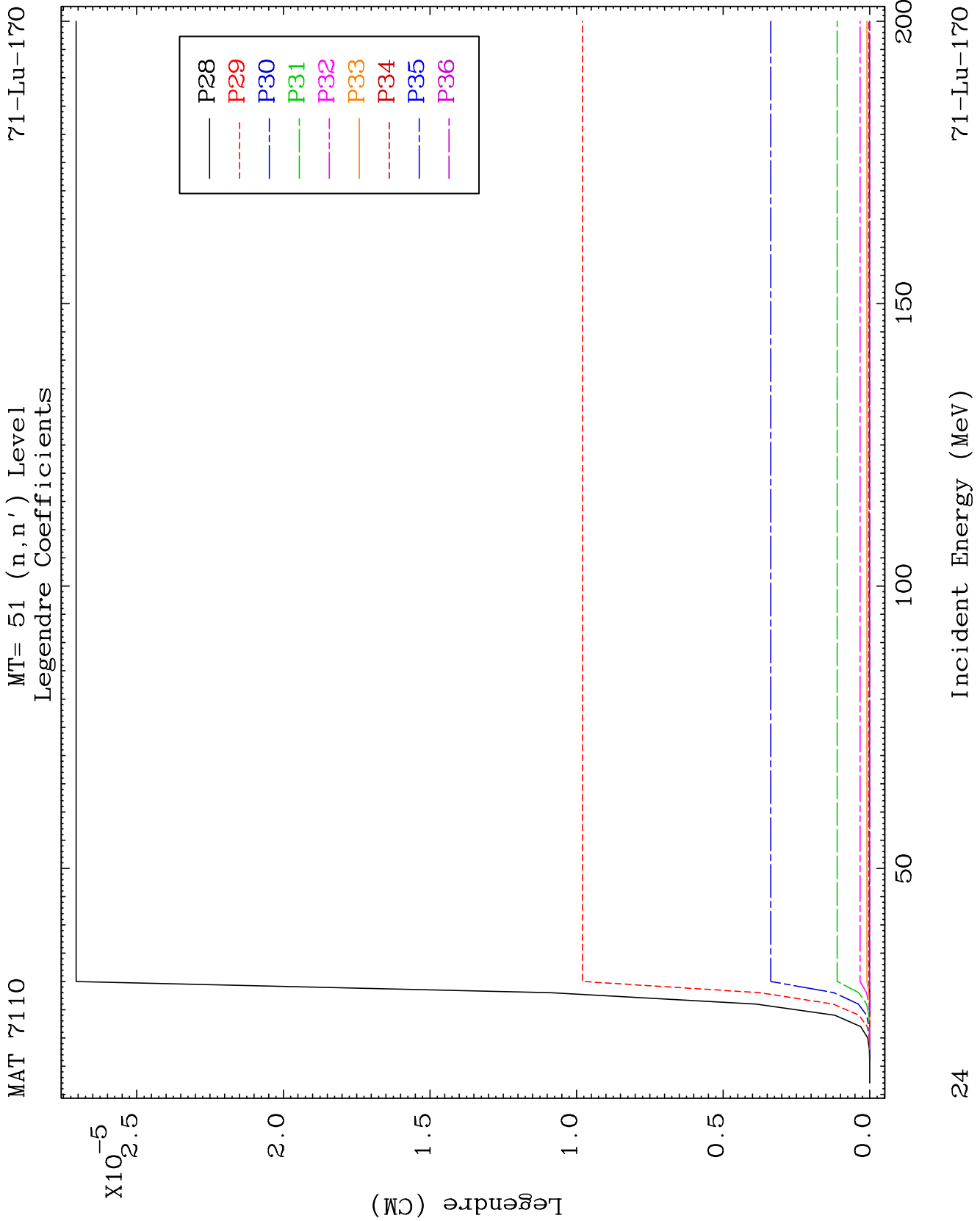


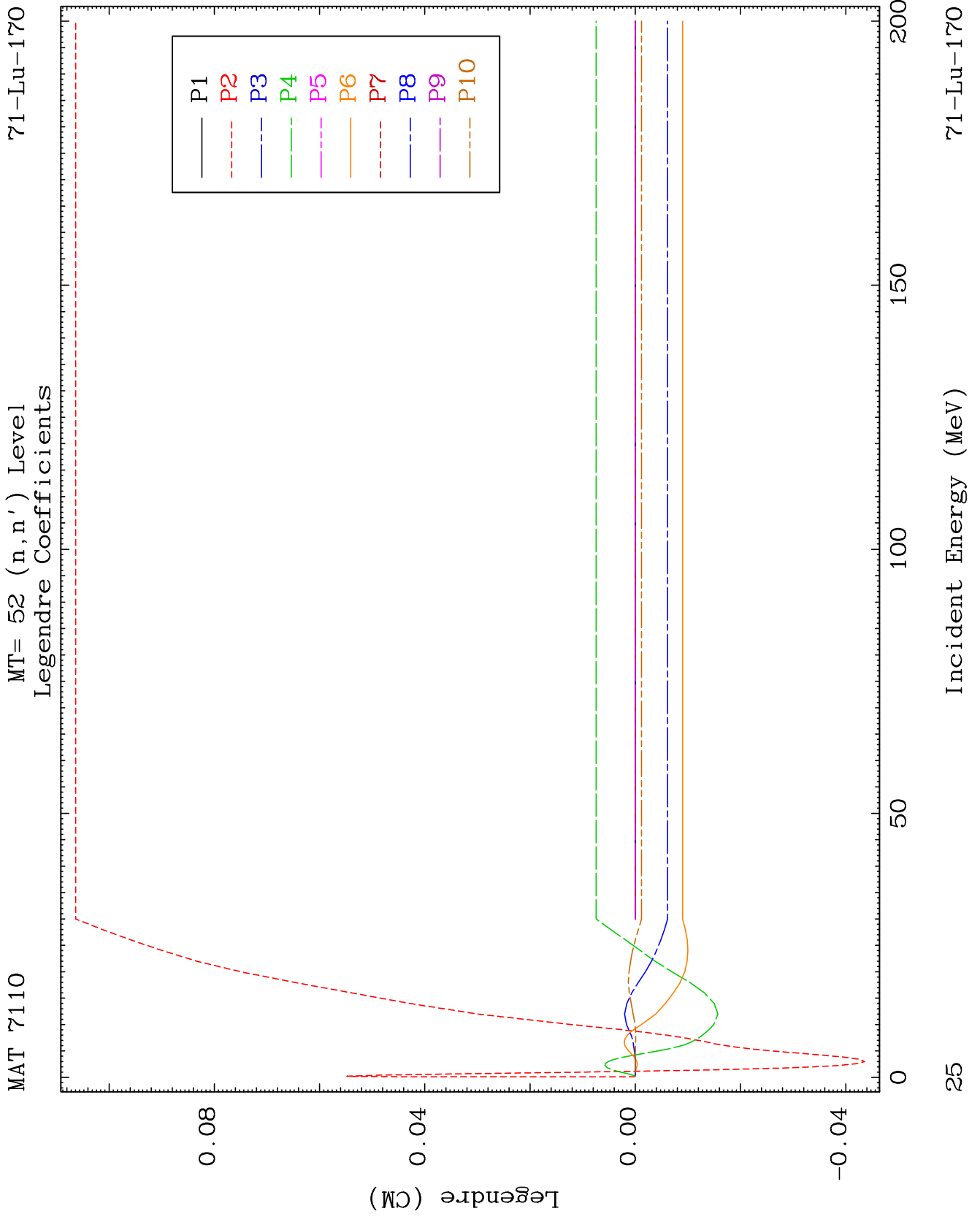
MAT 7110

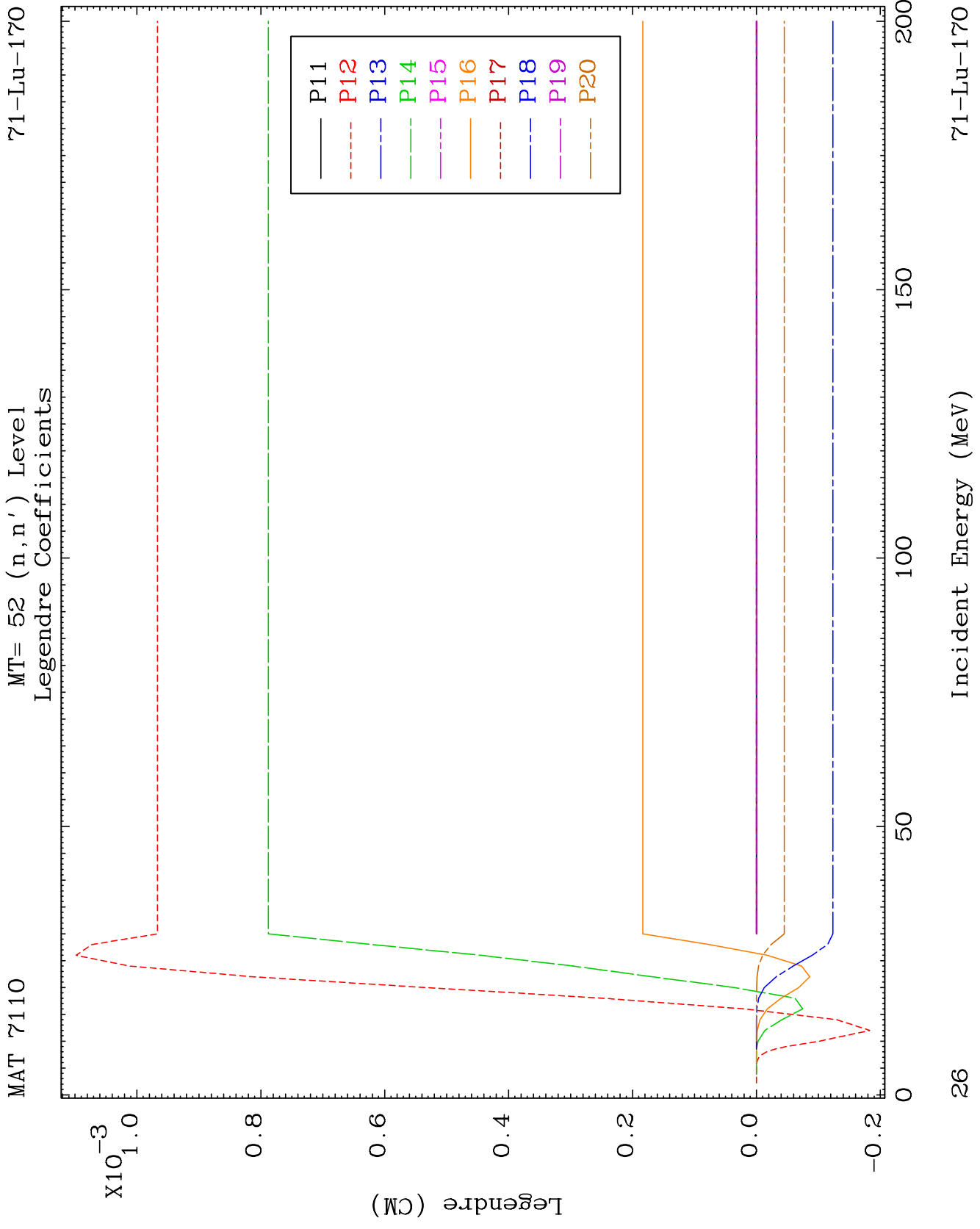
MT= 51 (n,n') Level
Legendre Coefficients

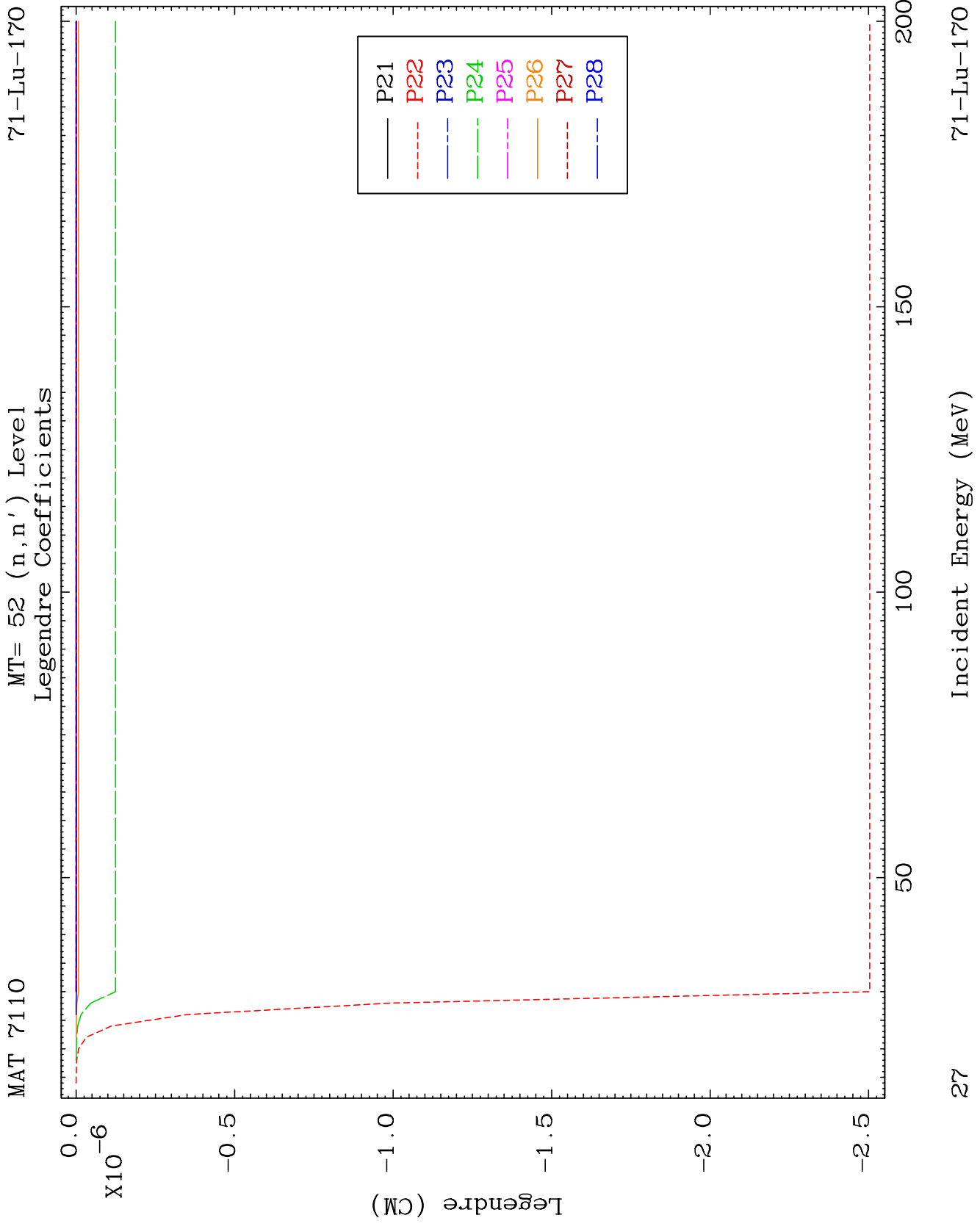
71-Lu-170

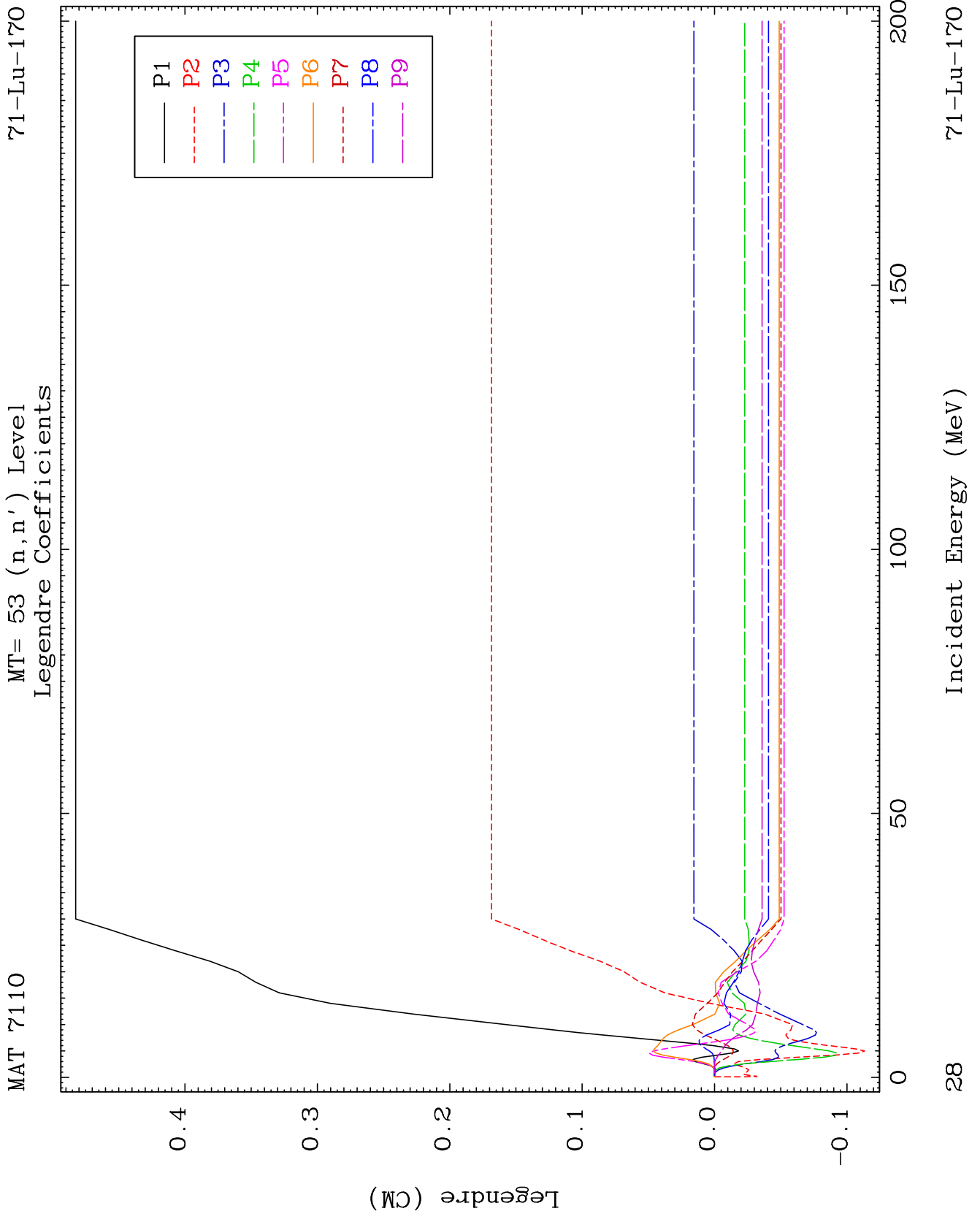


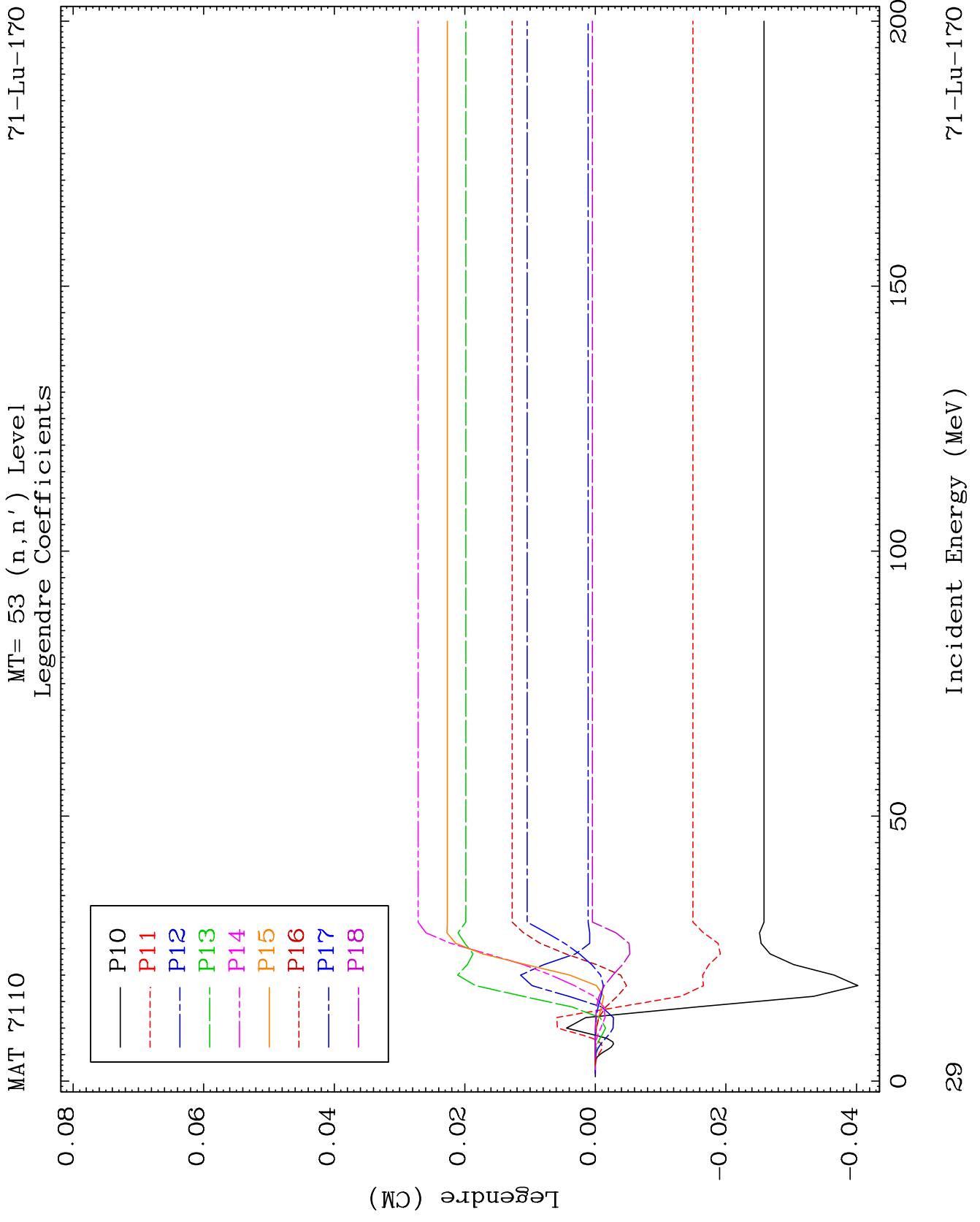


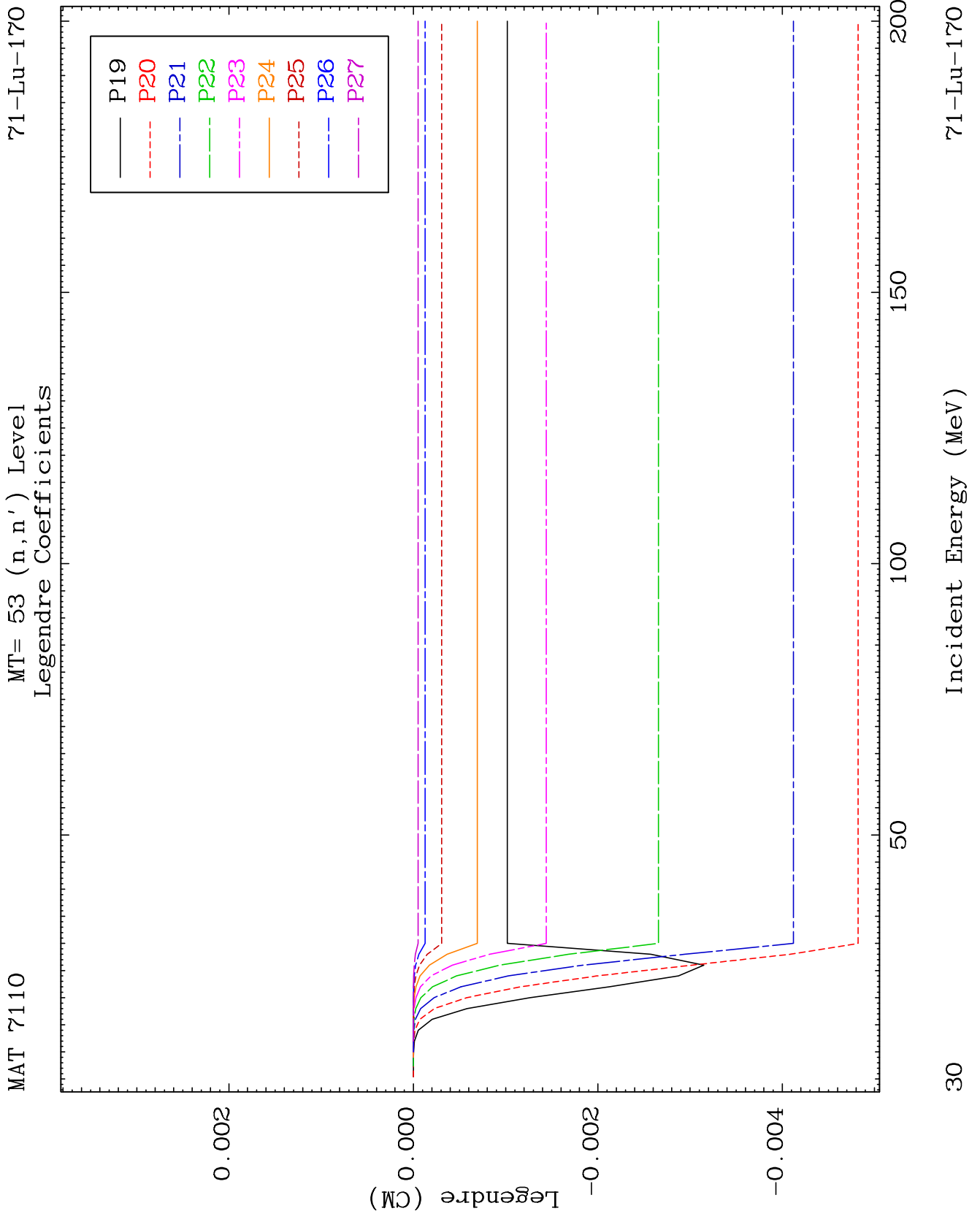


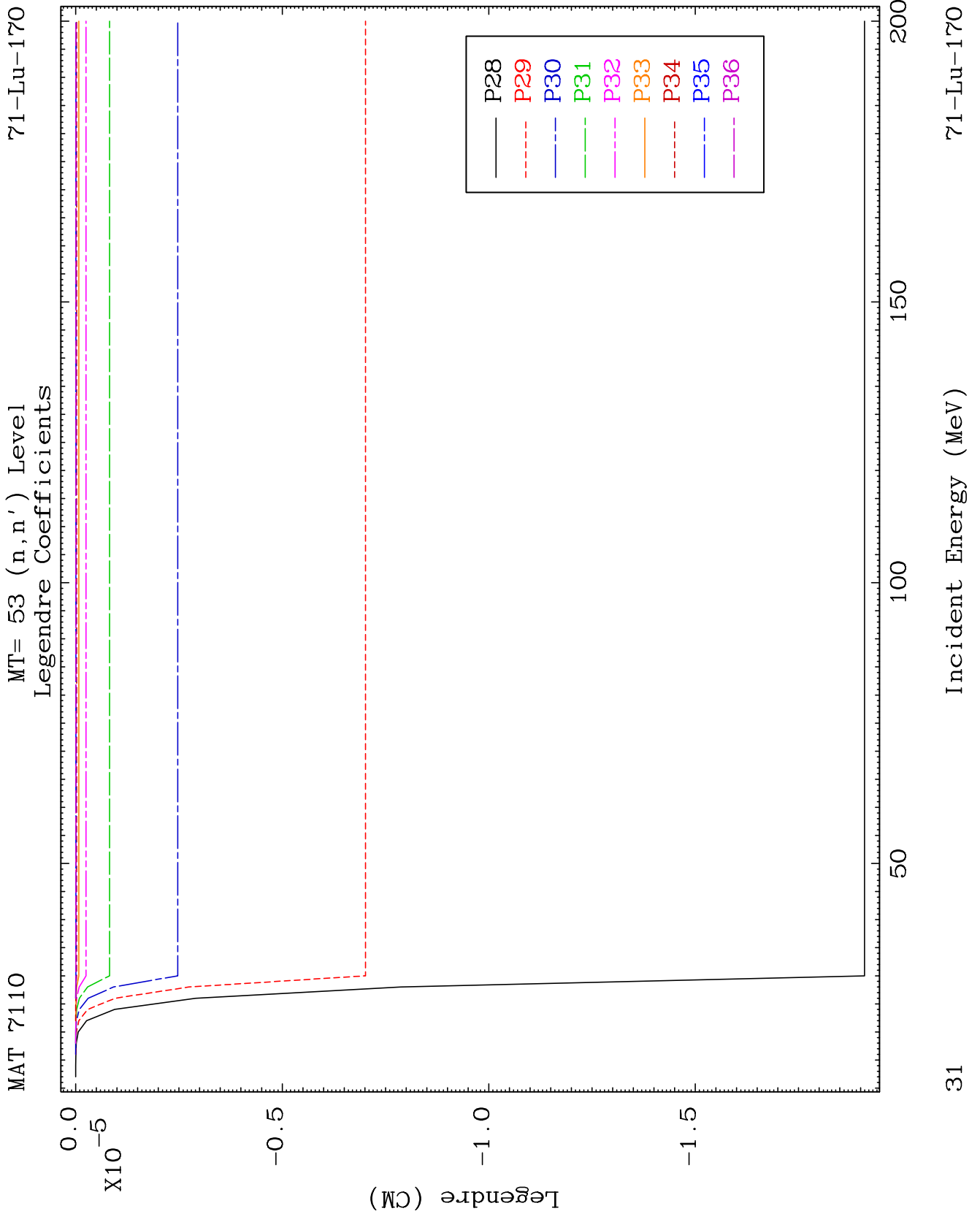


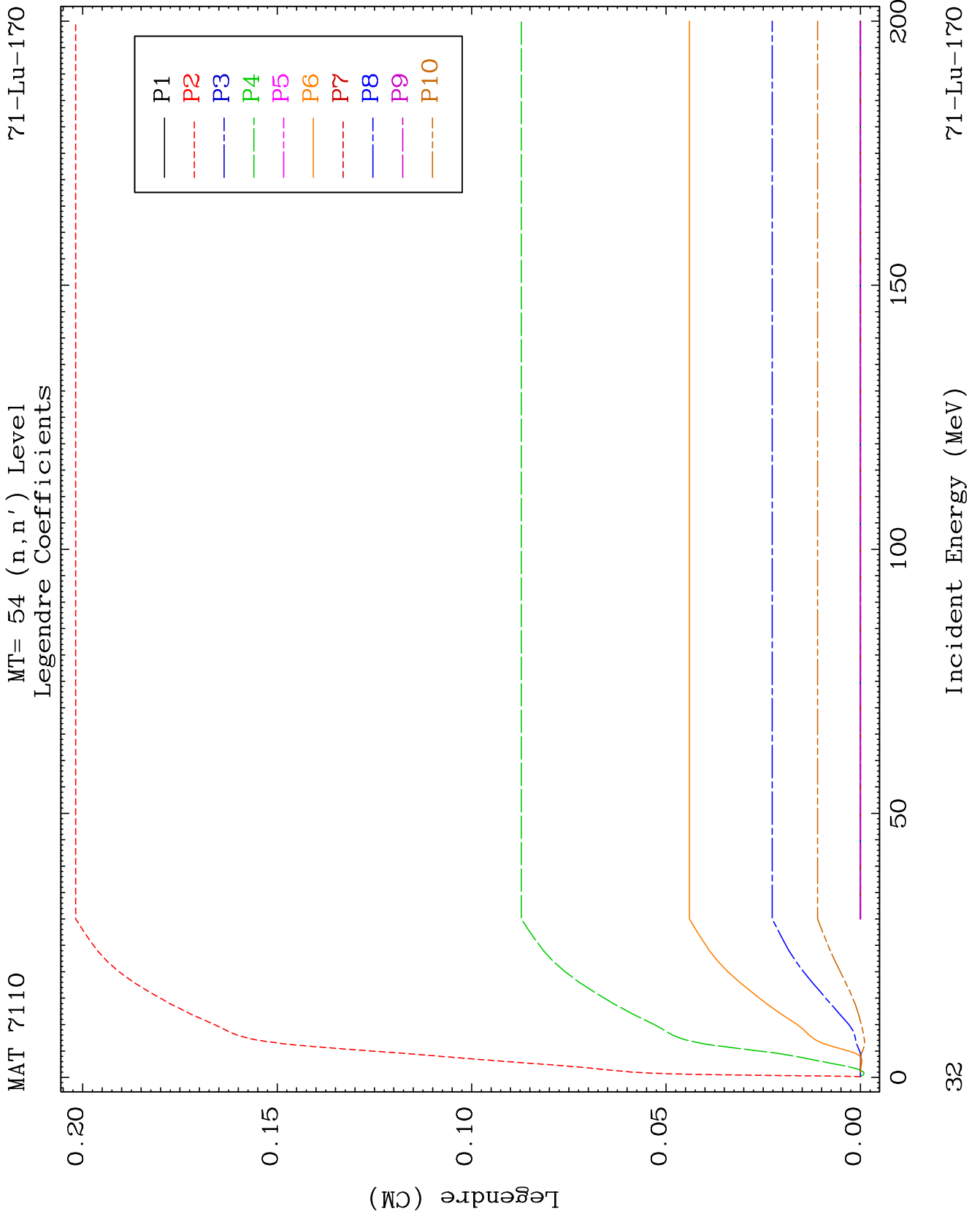


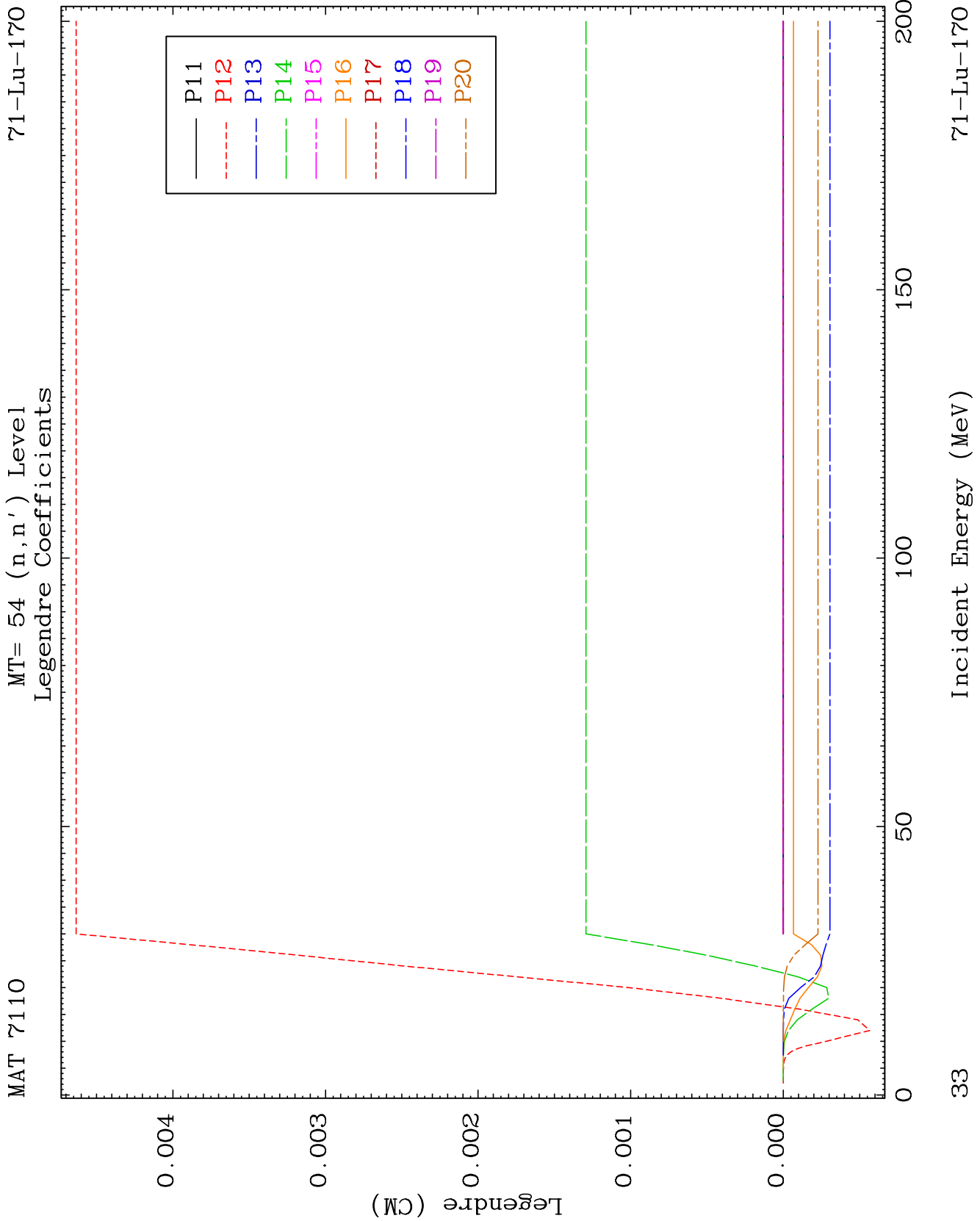


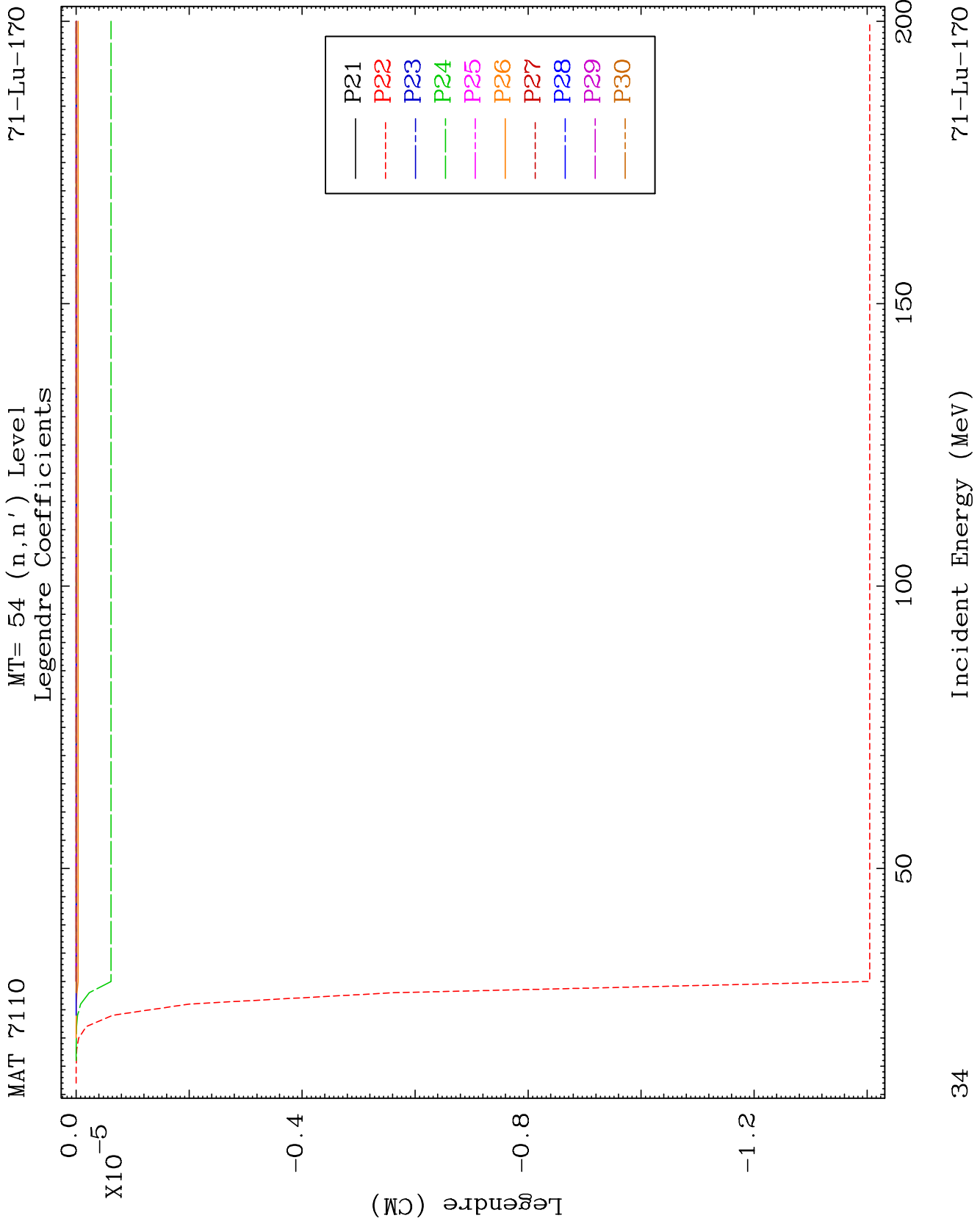


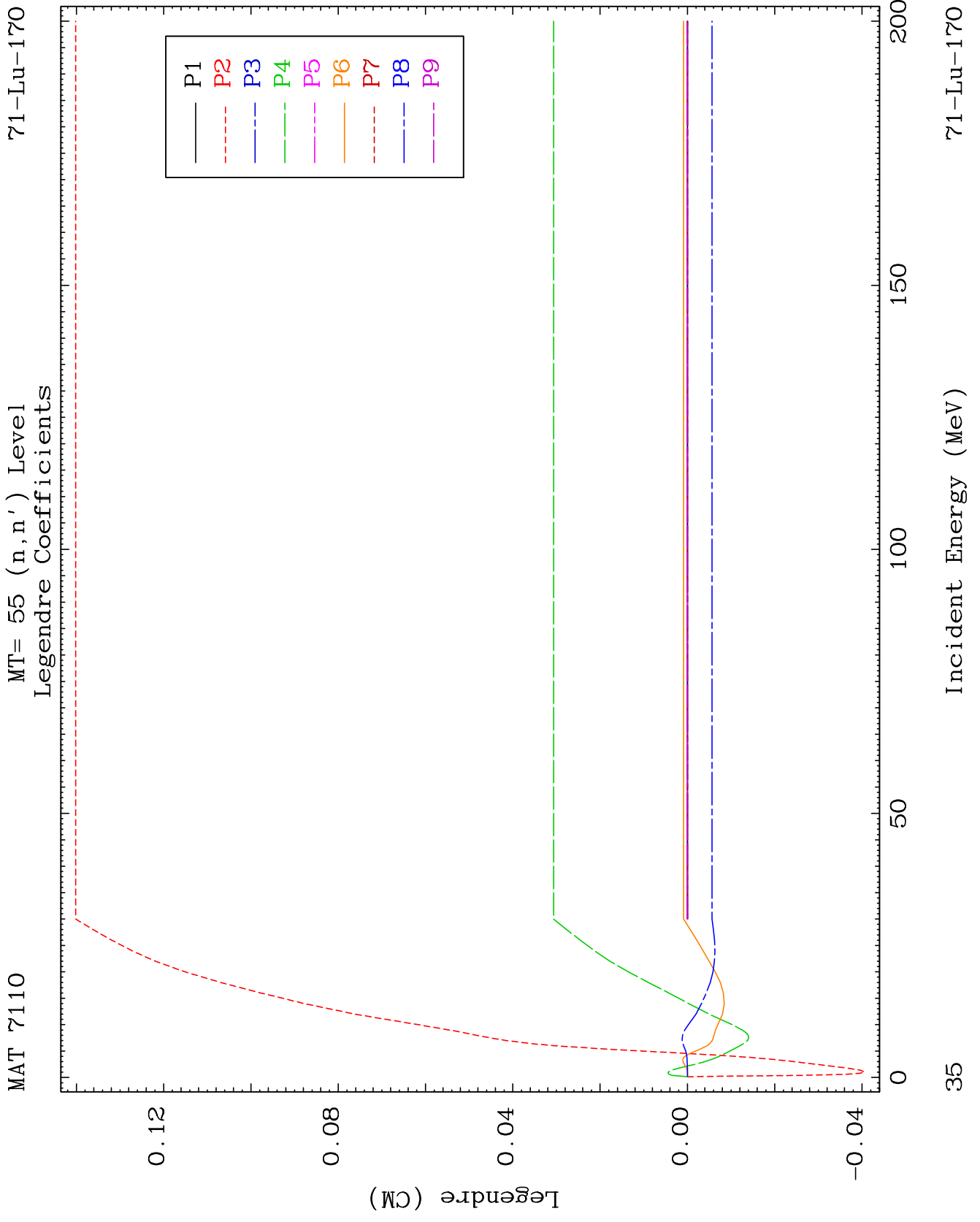








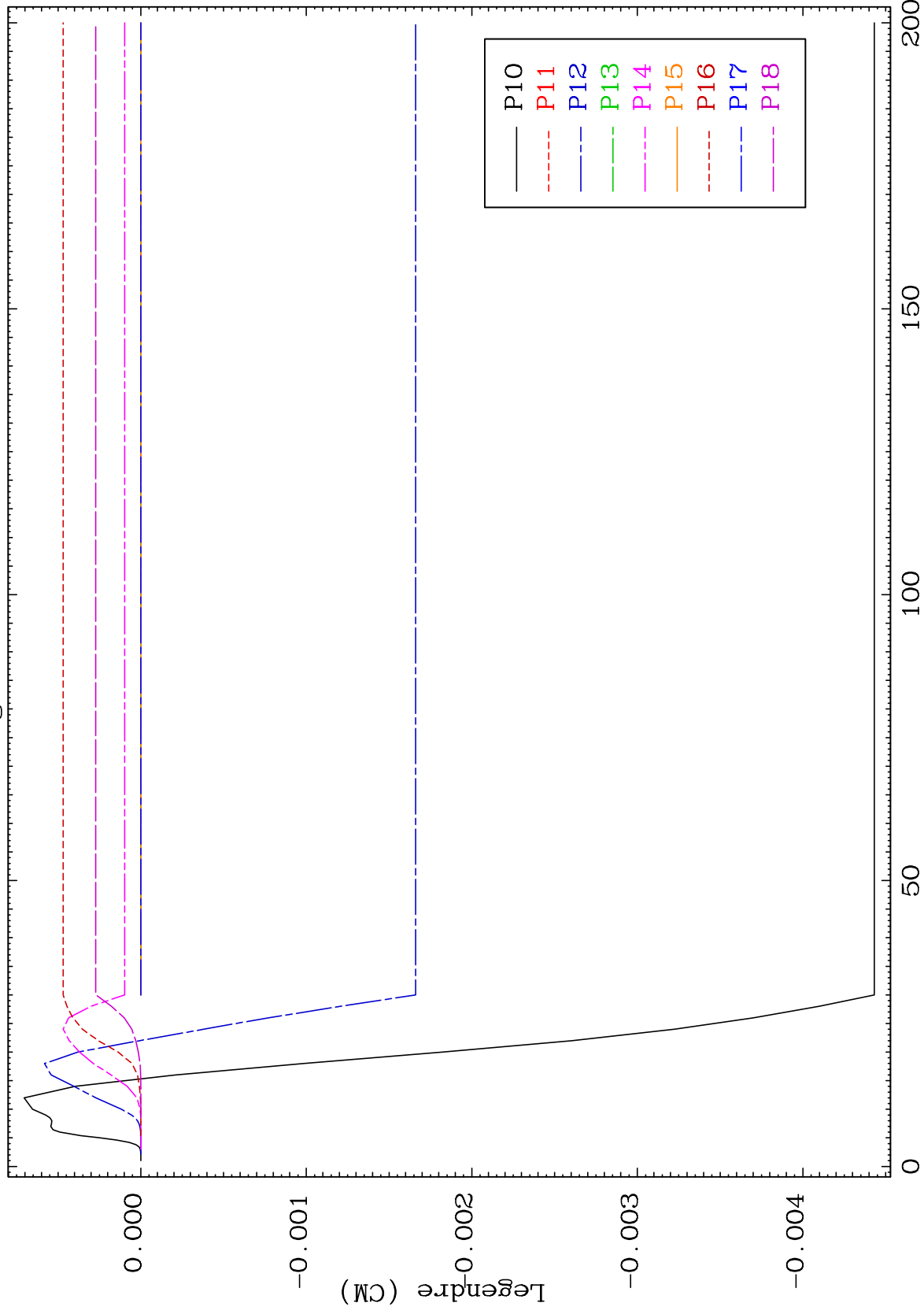




MAT 7110

71-Lu-170

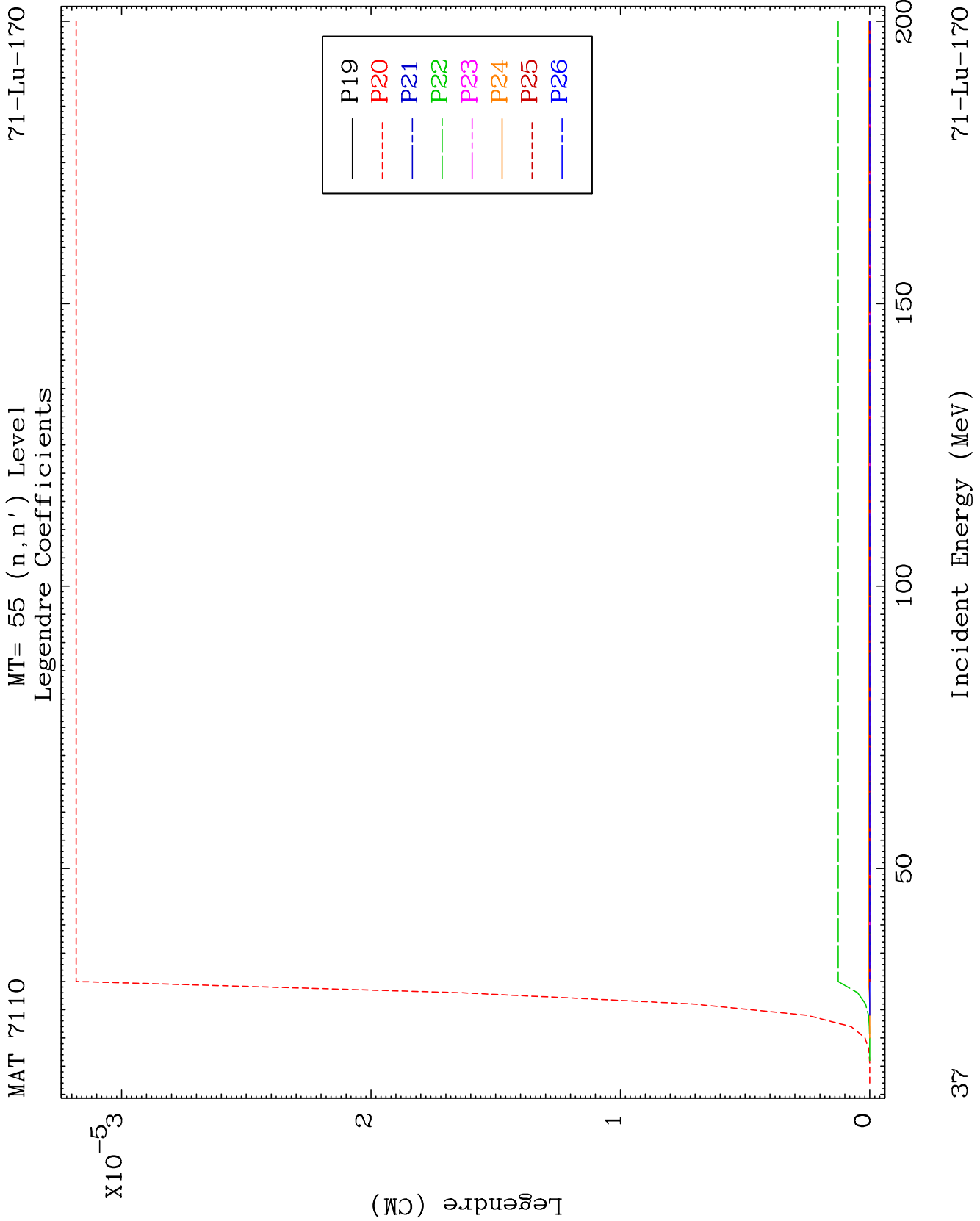
MT= 55 (n,n') Level
Legendre Coefficients

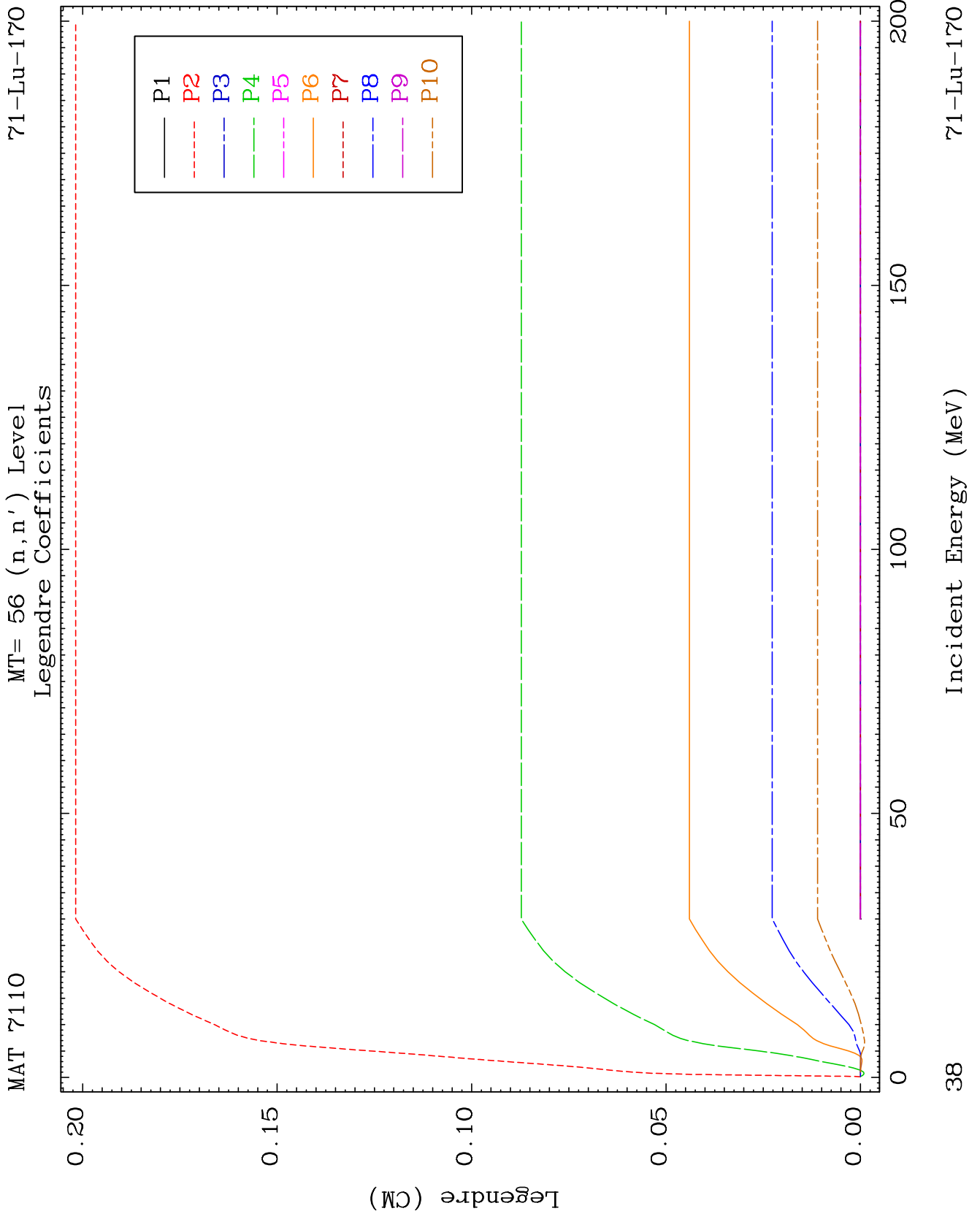


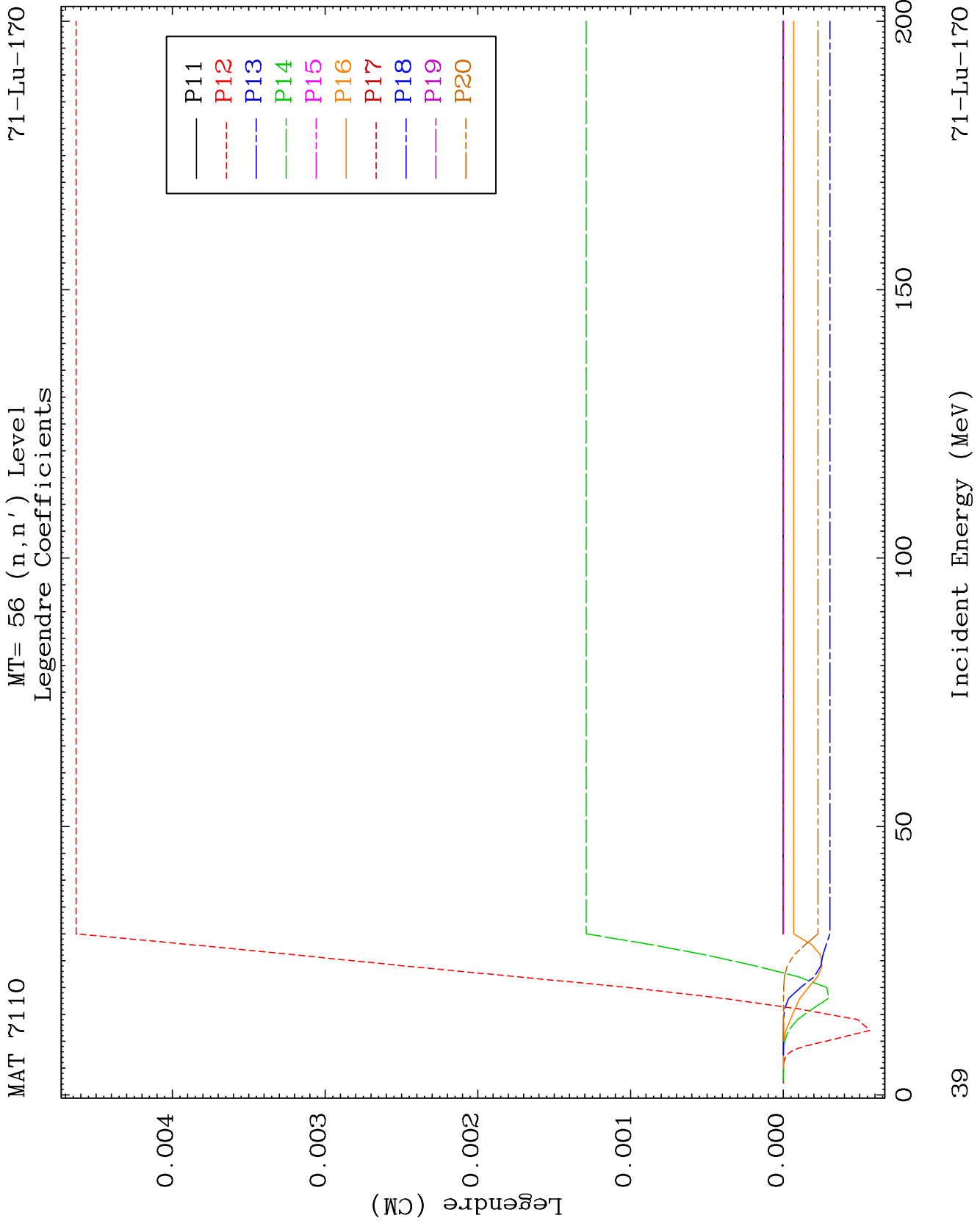
36

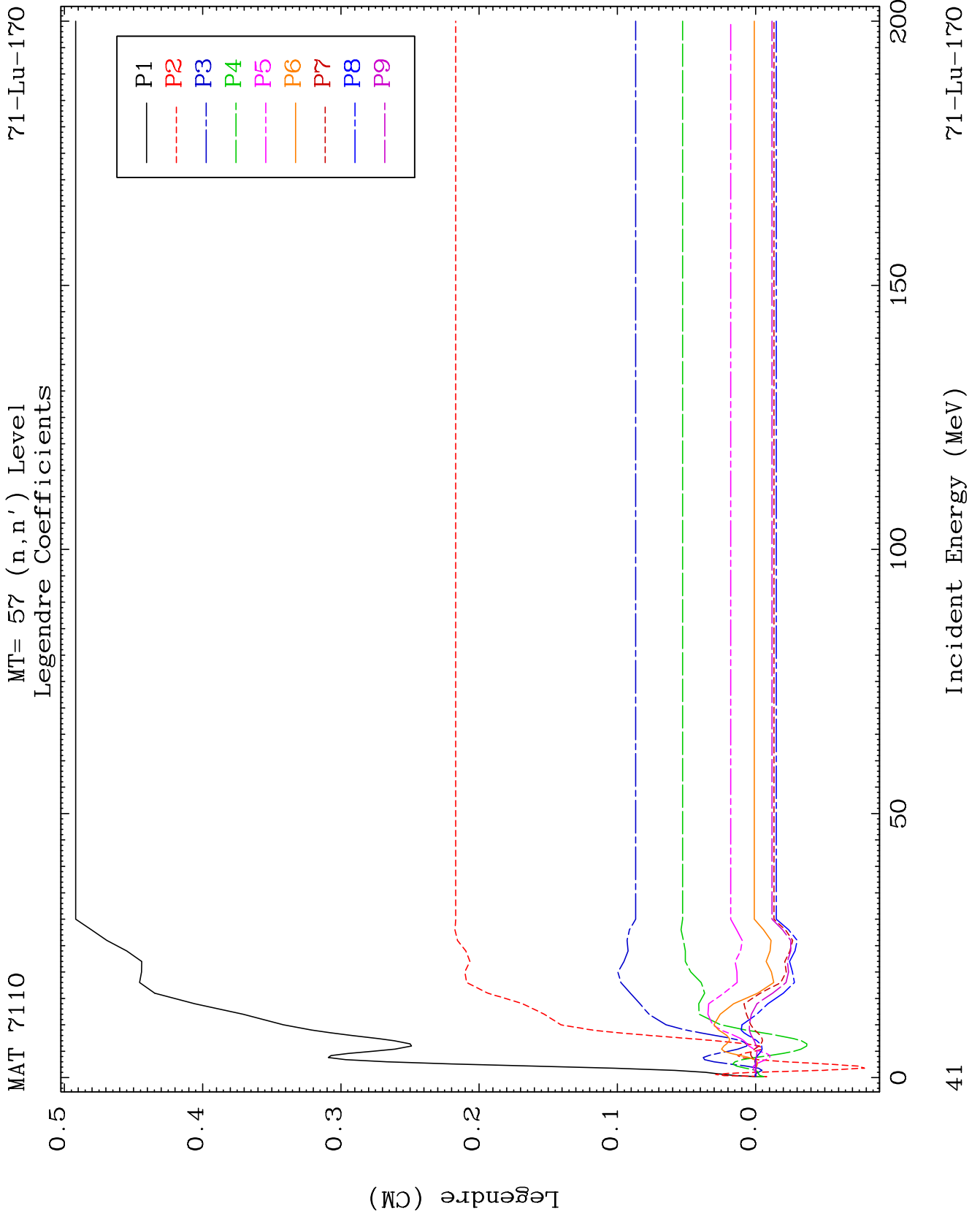
Incident Energy (MeV)

71-Lu-170





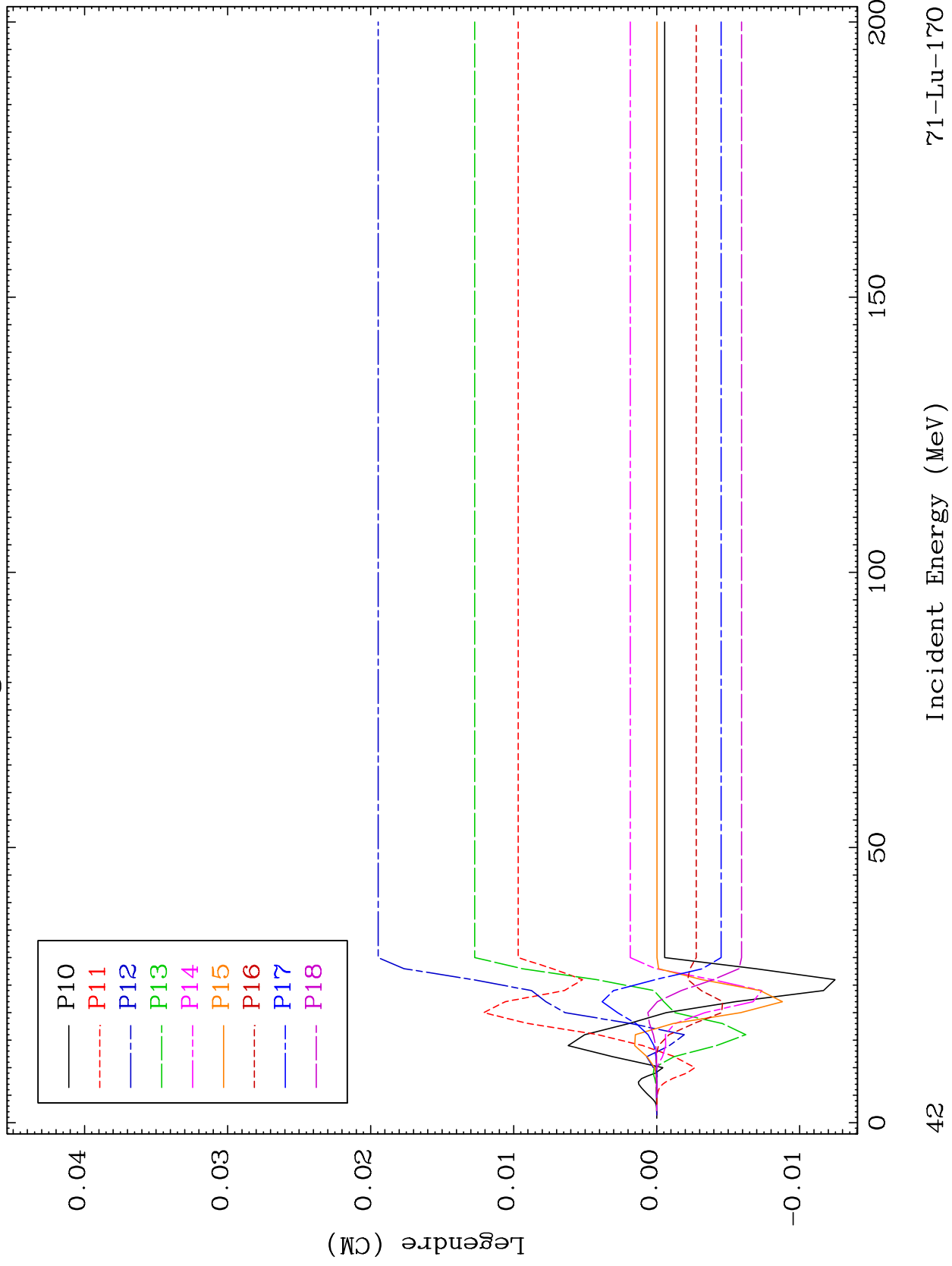




MAT 7110

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

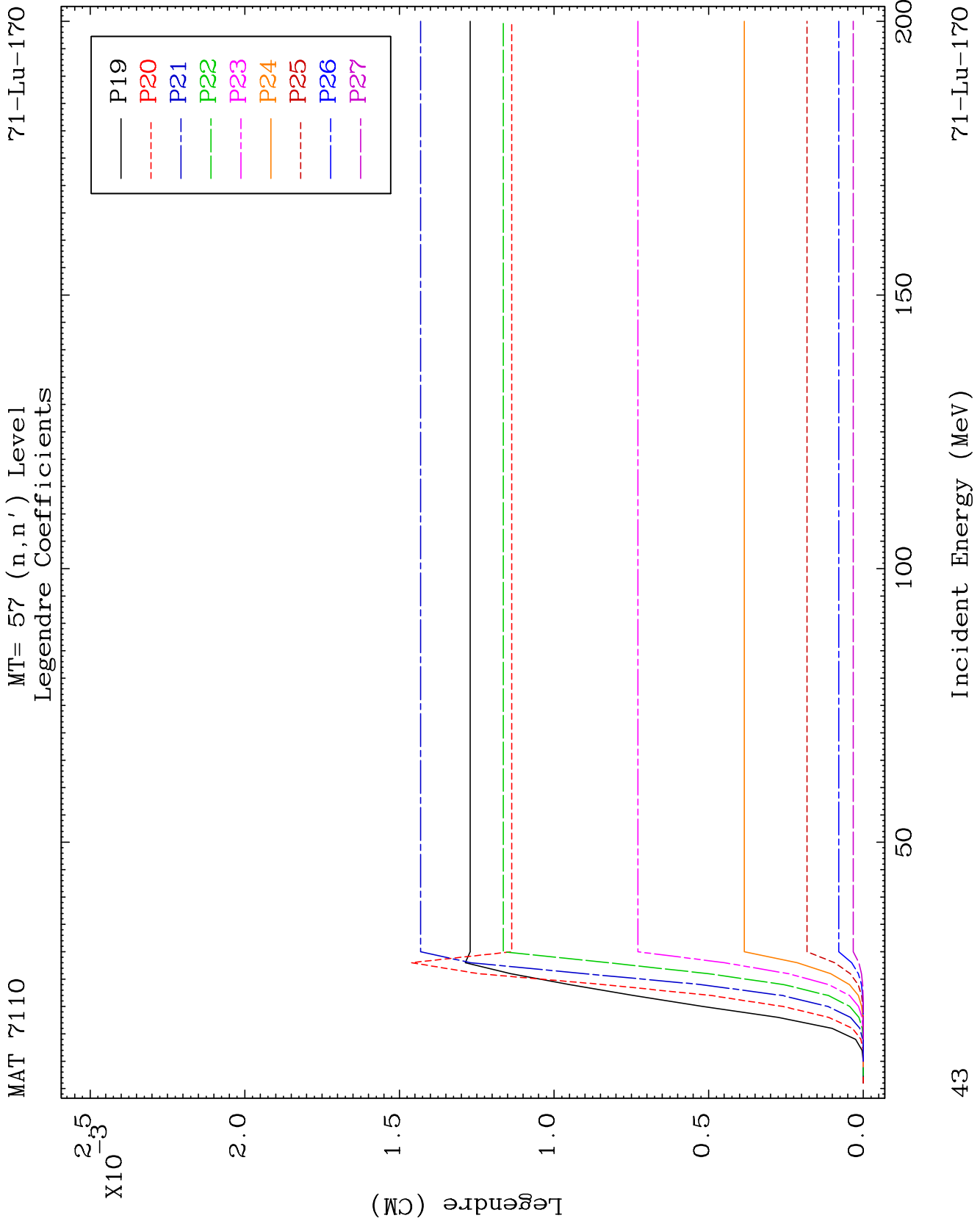
71-Lu-170

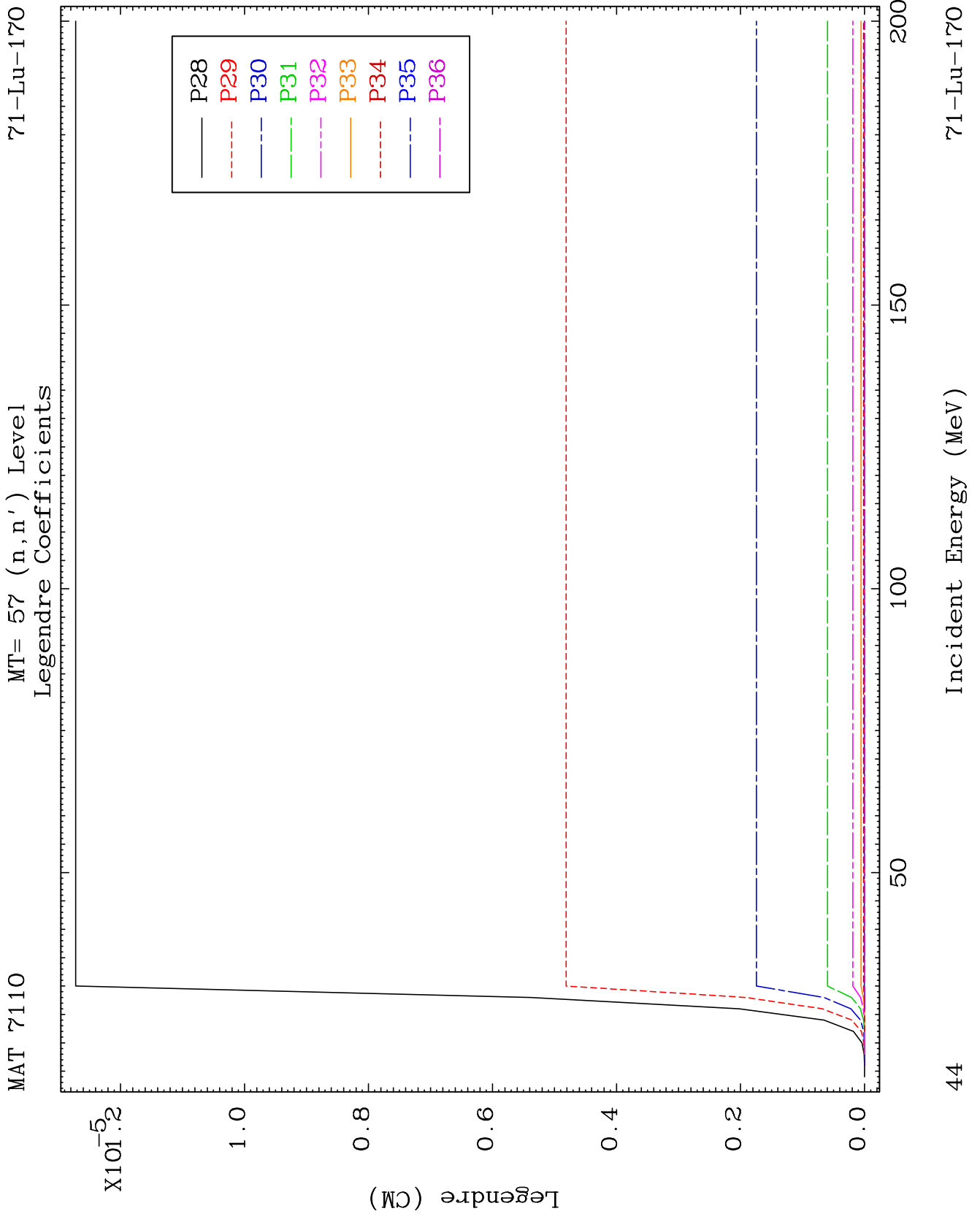


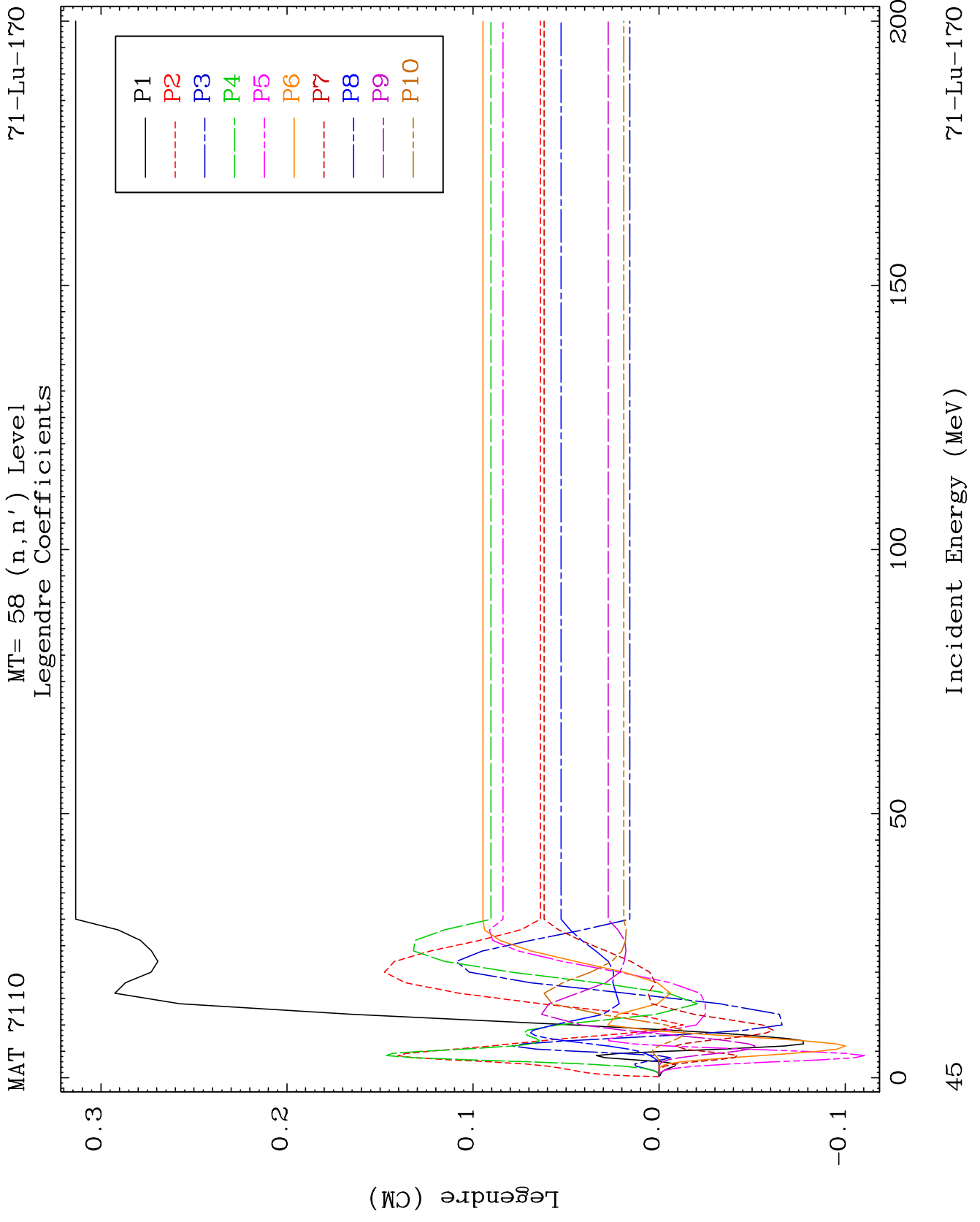
71-Lu-170

Incident Energy (MeV)

42



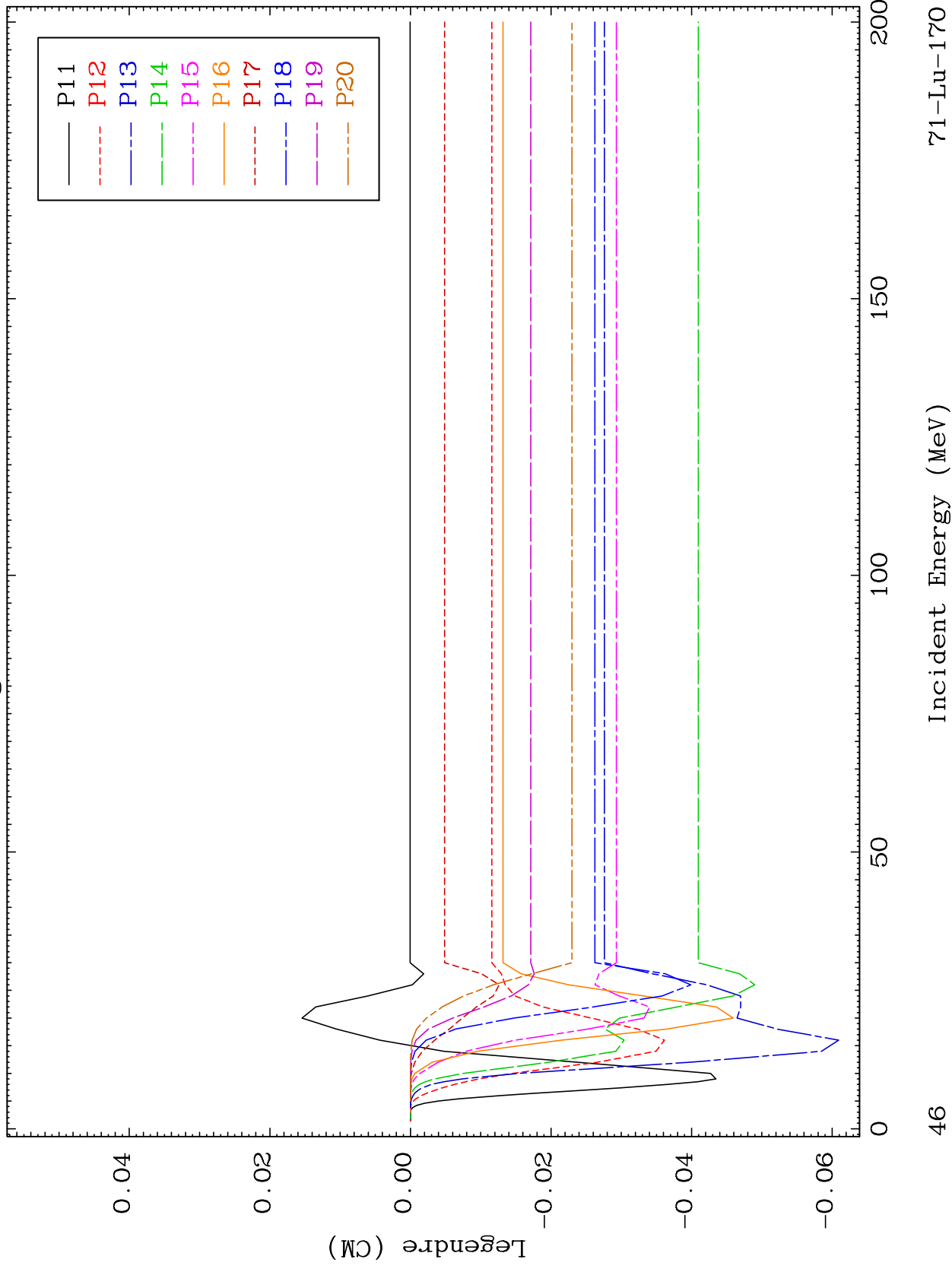




MAT 7110

MT= 58 (n,n') Level
Legendre Coefficients

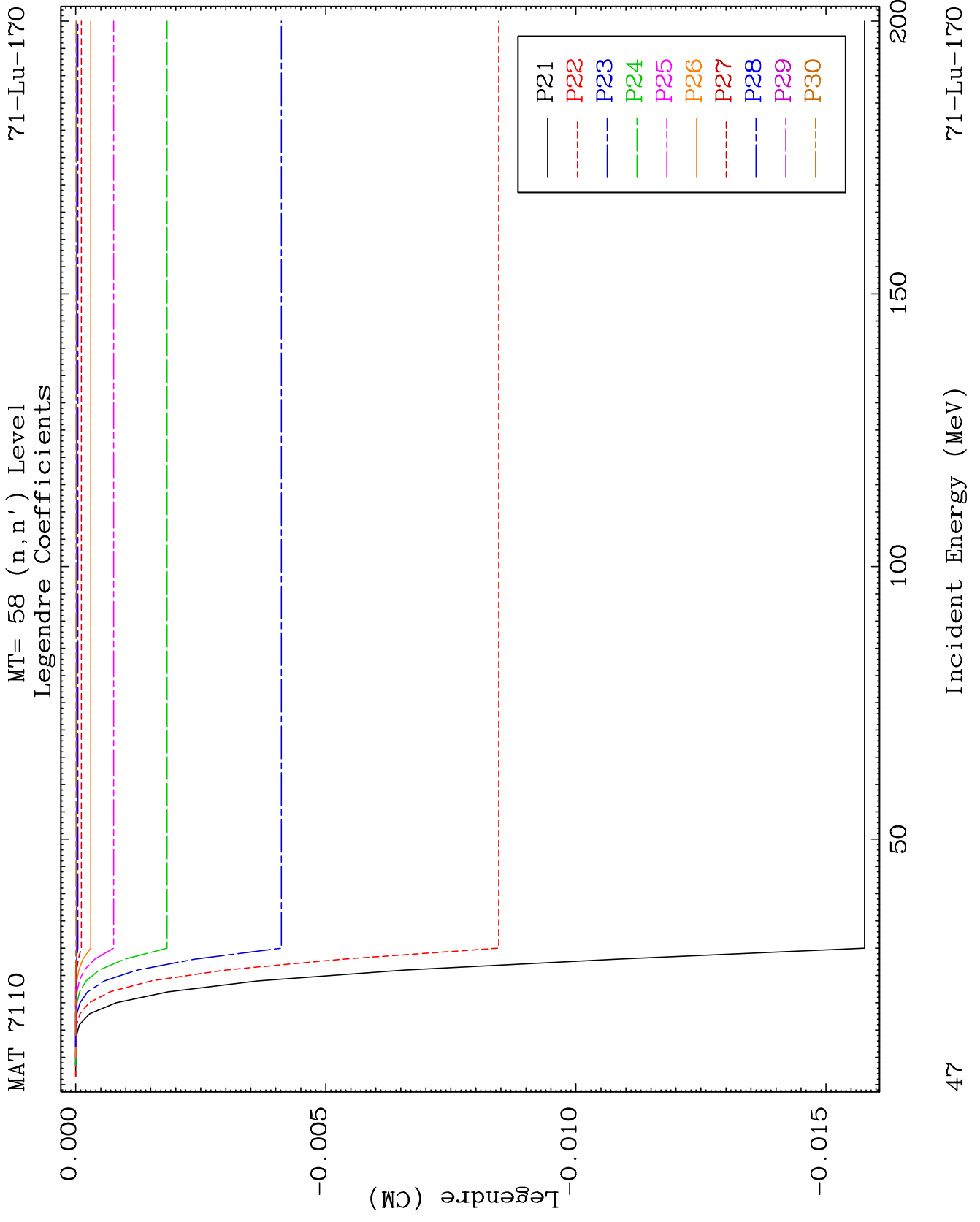
71-Lu-170

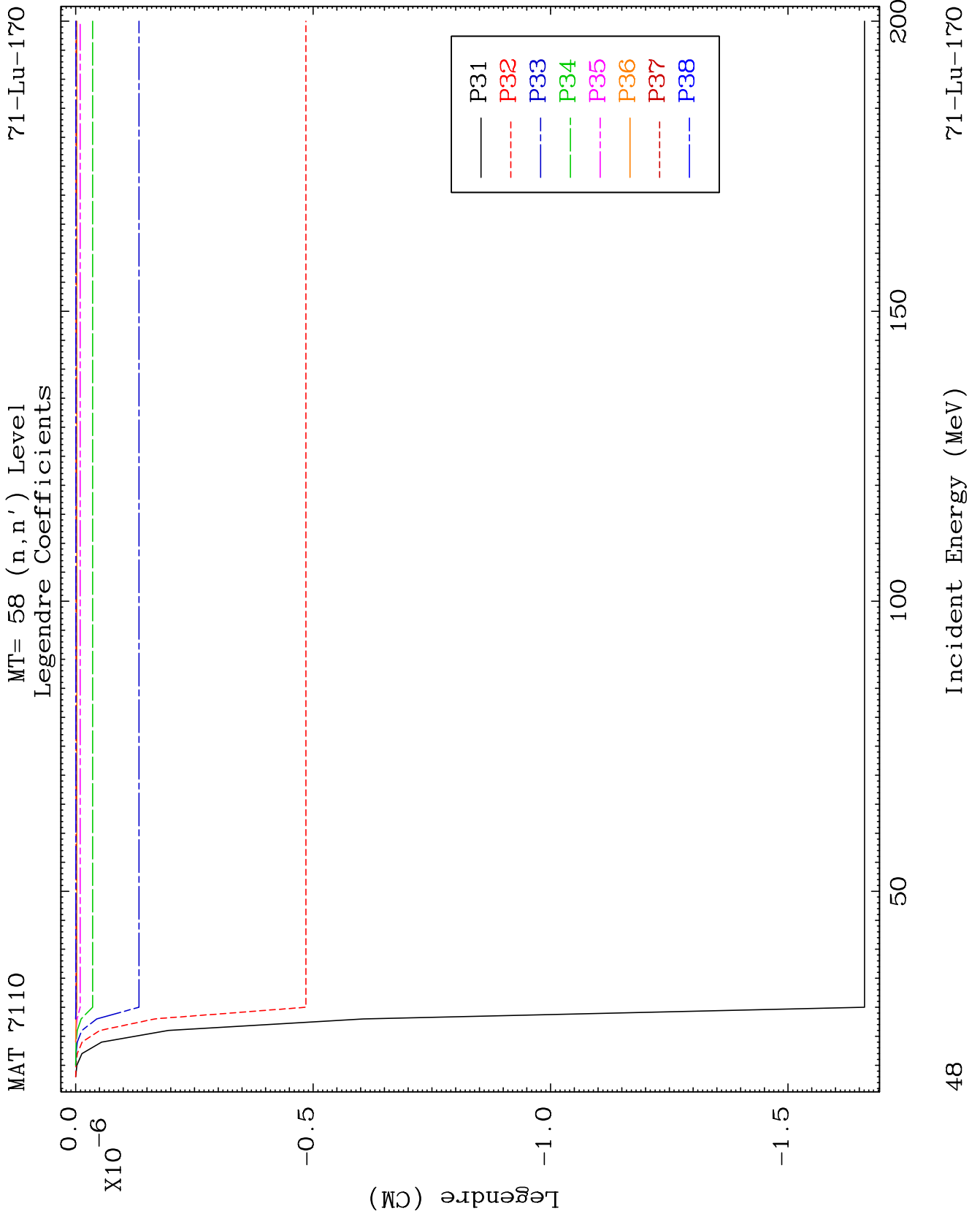


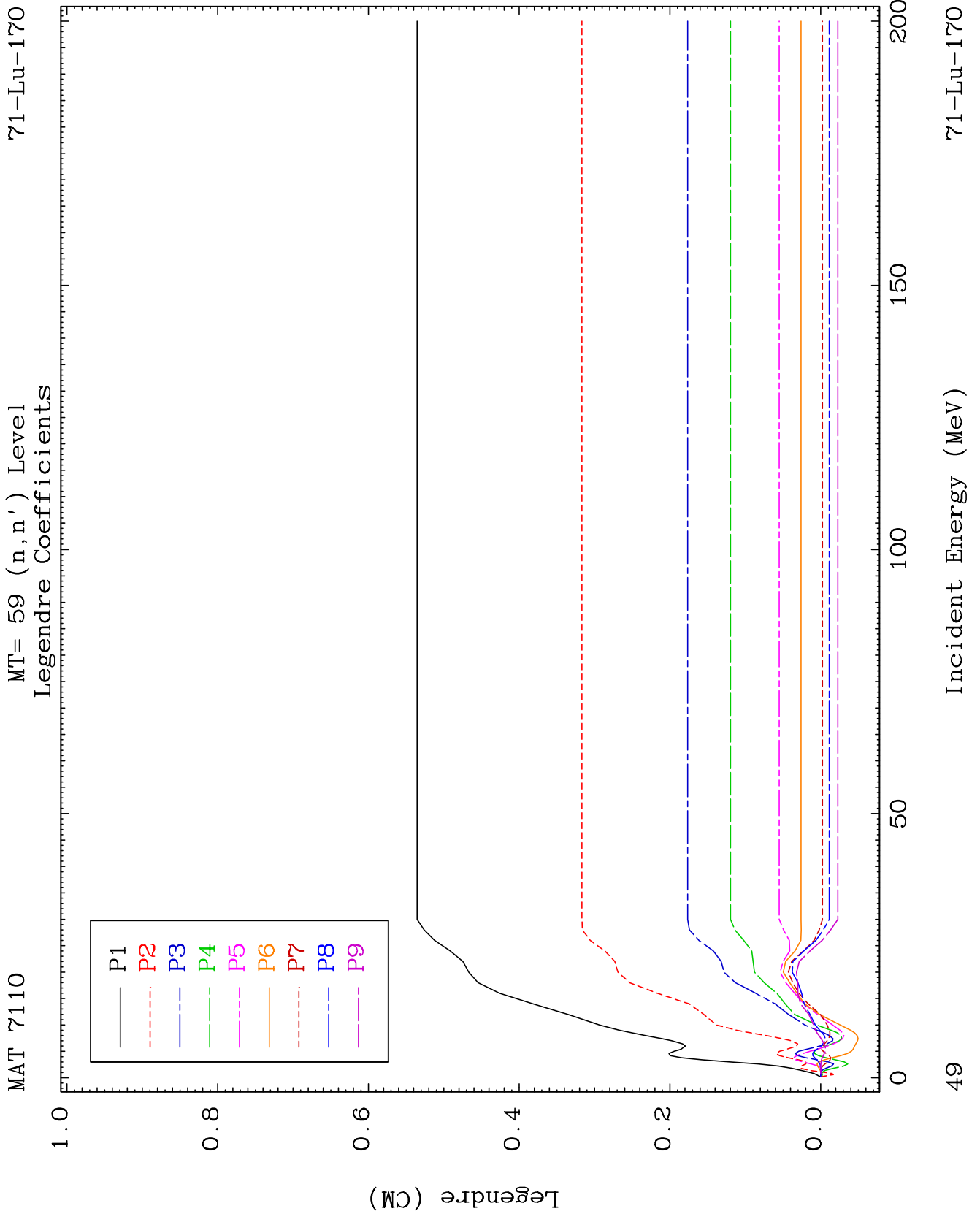
71-Lu-170

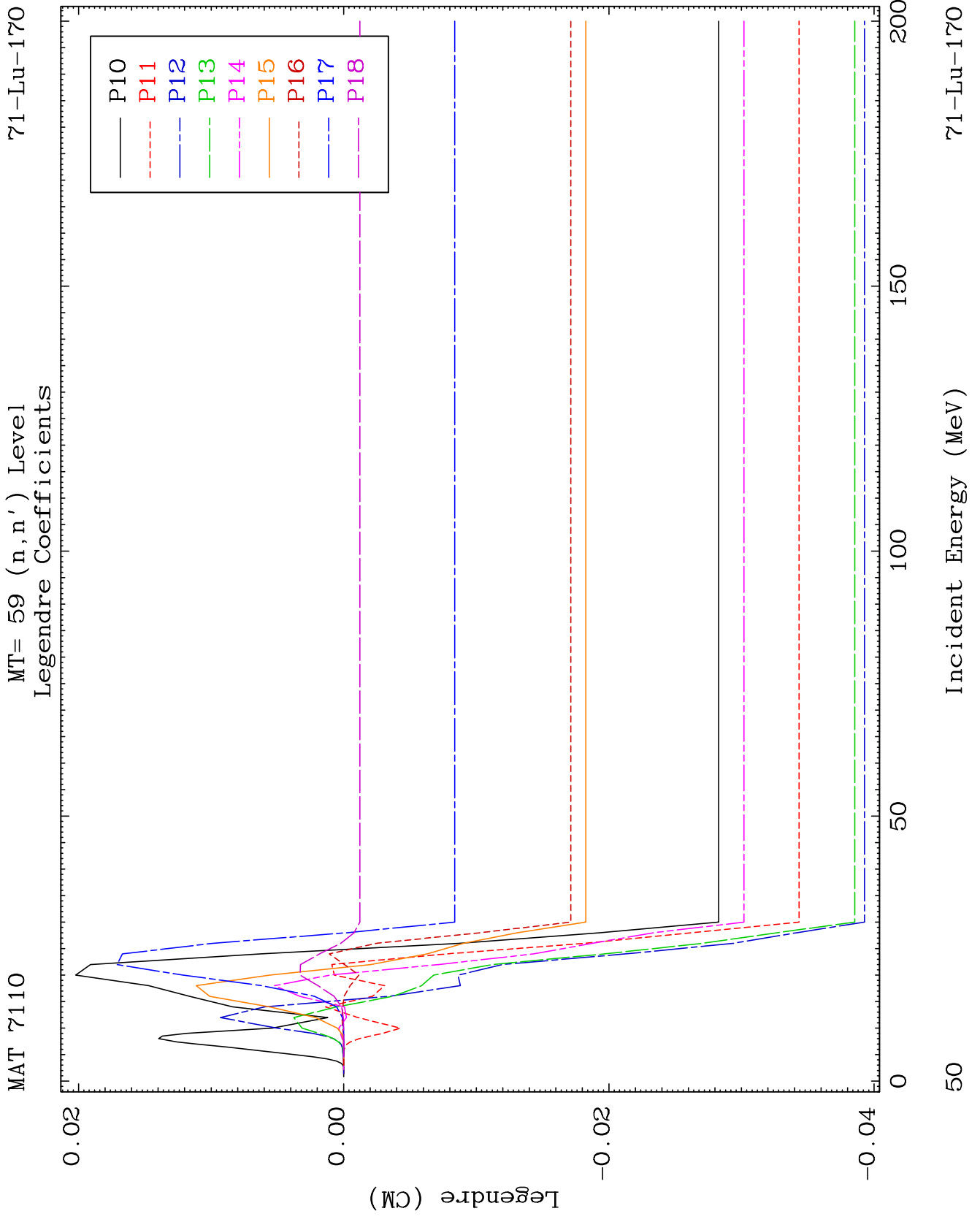
Incident Energy (MeV)

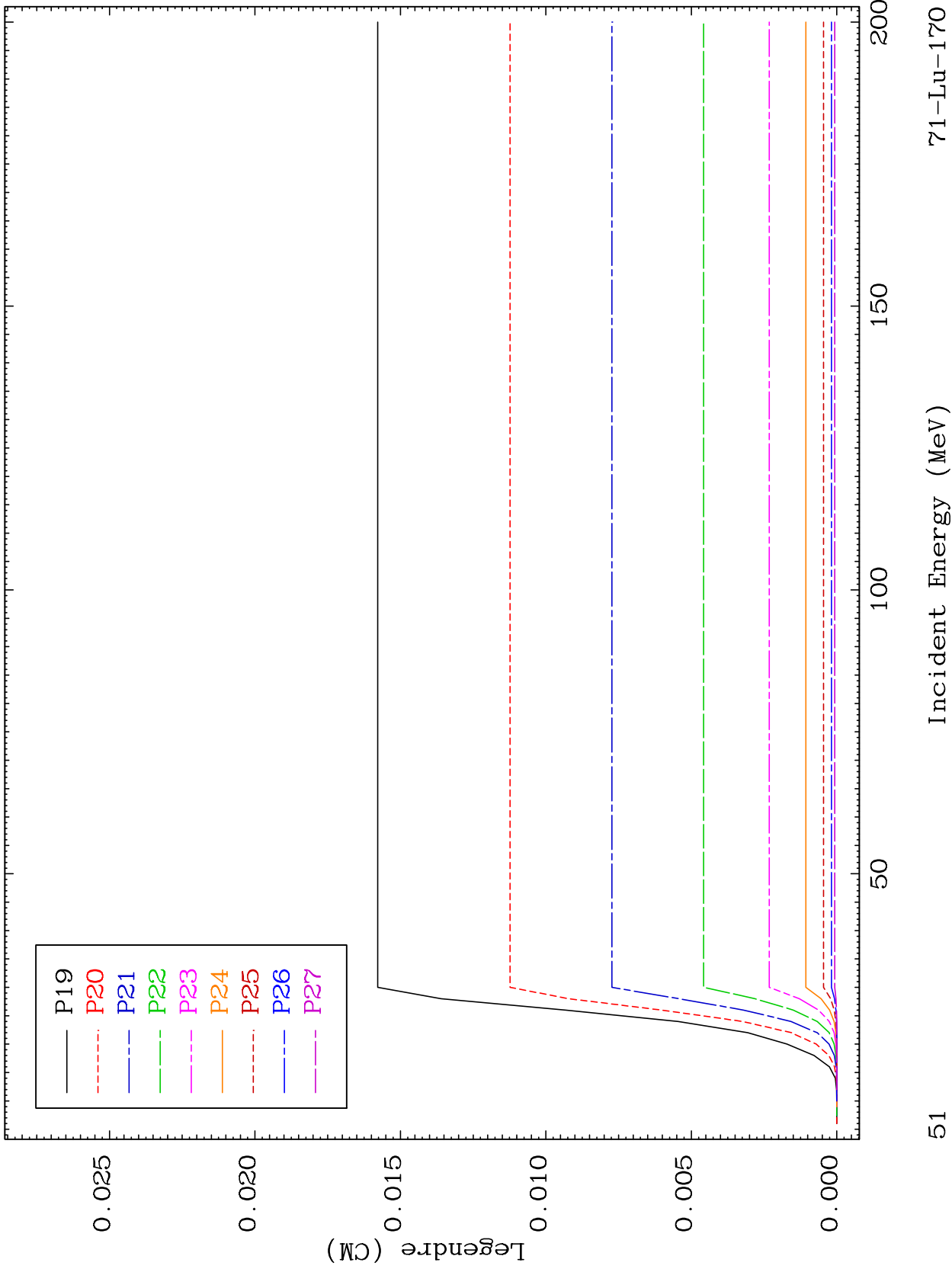
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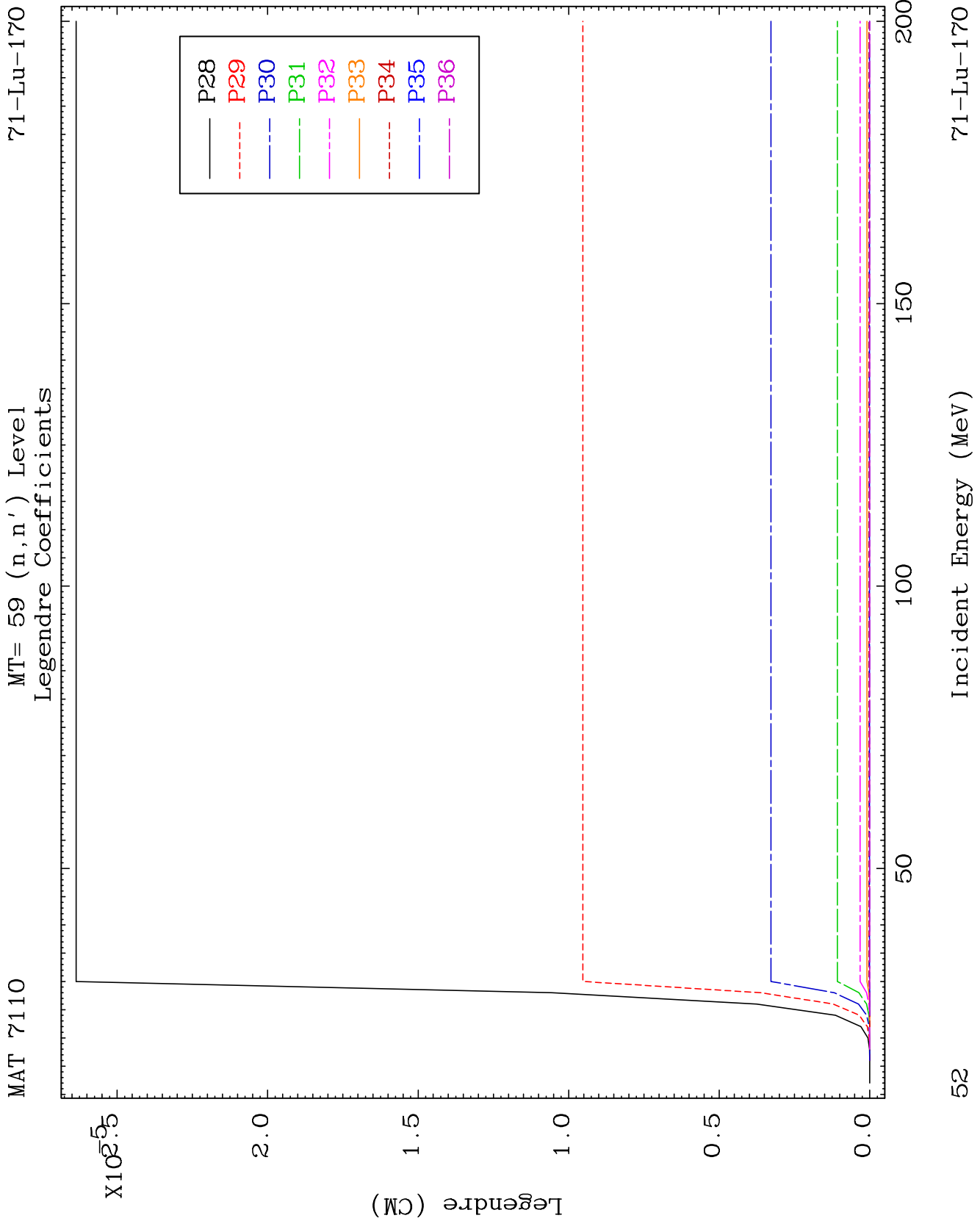


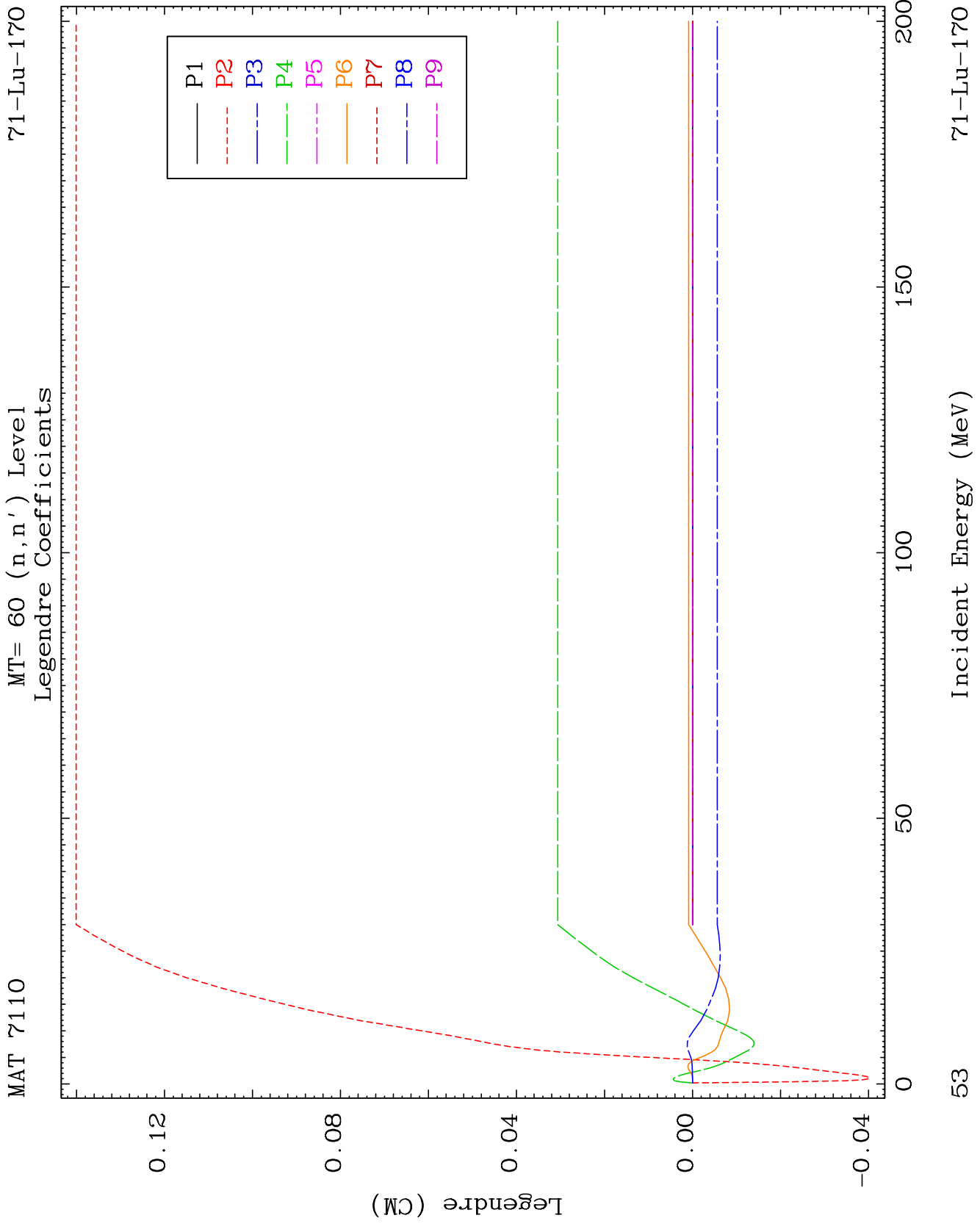


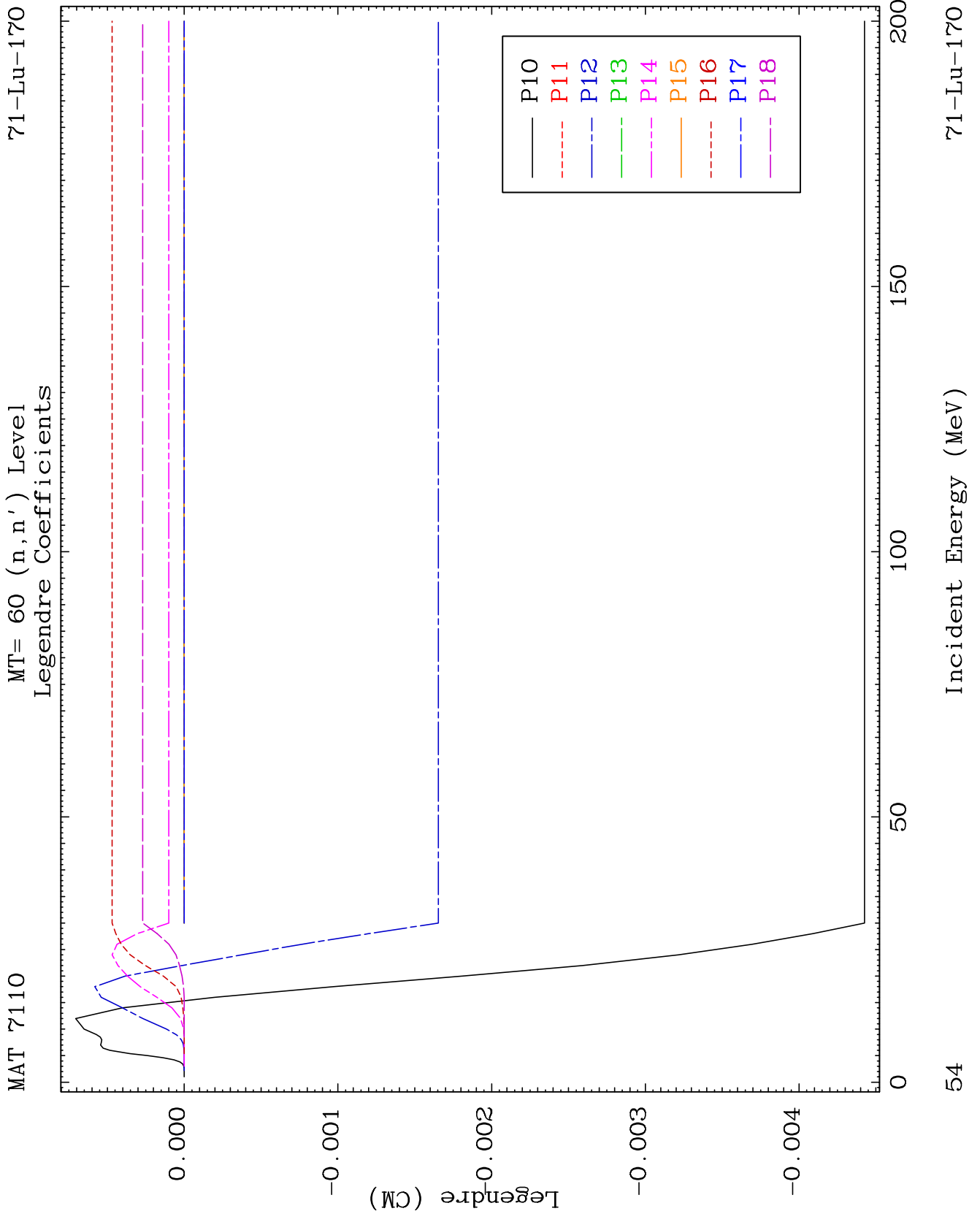


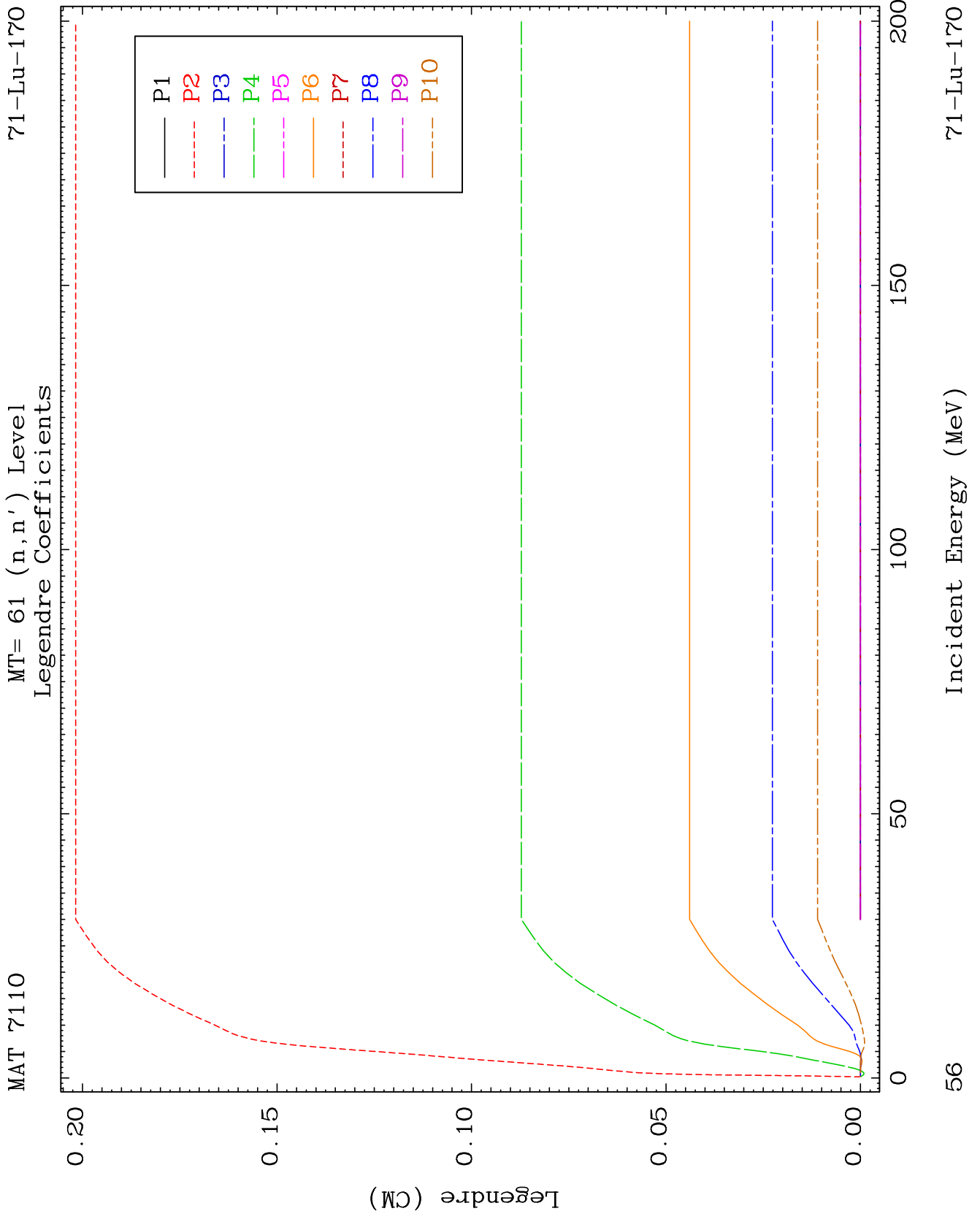


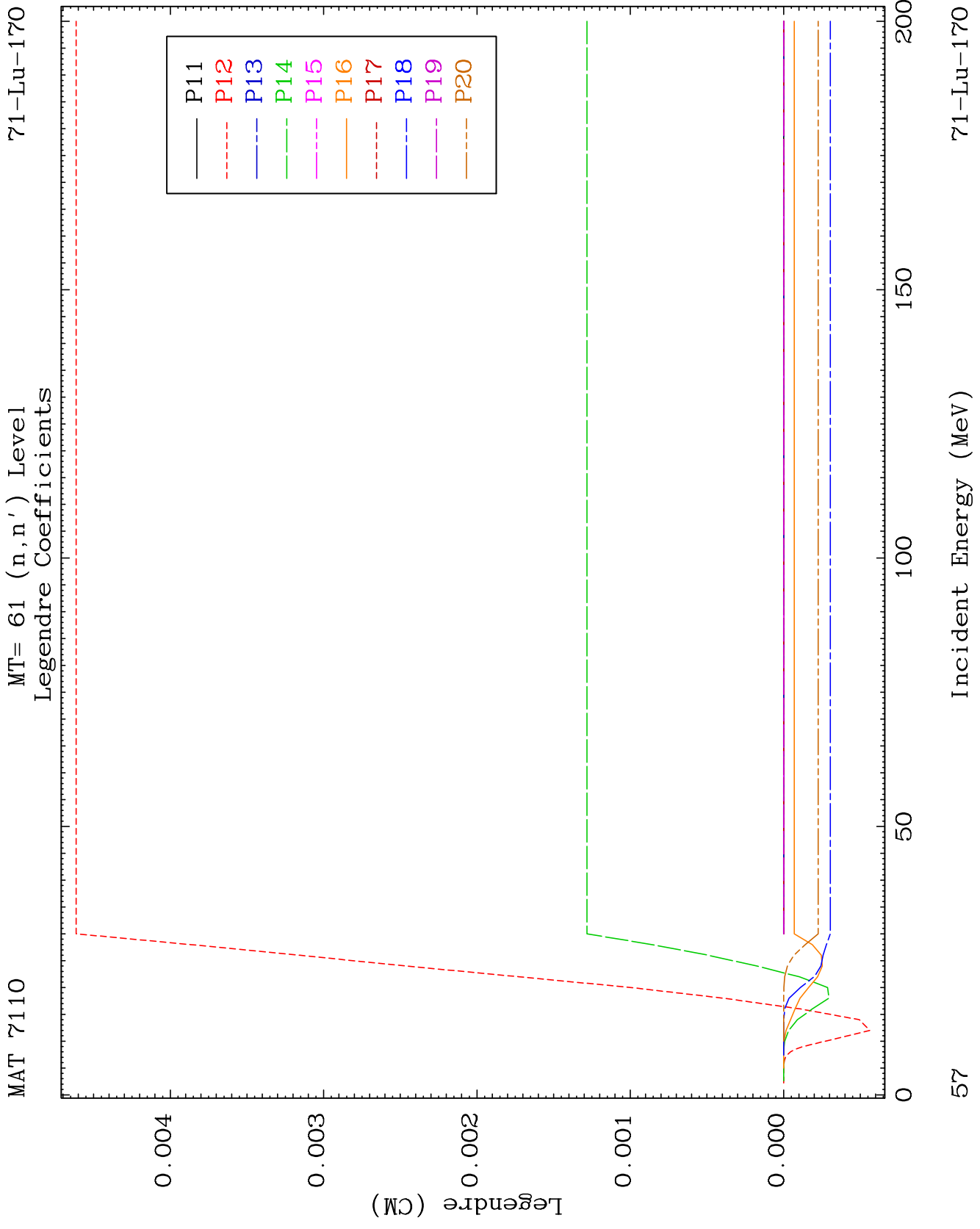


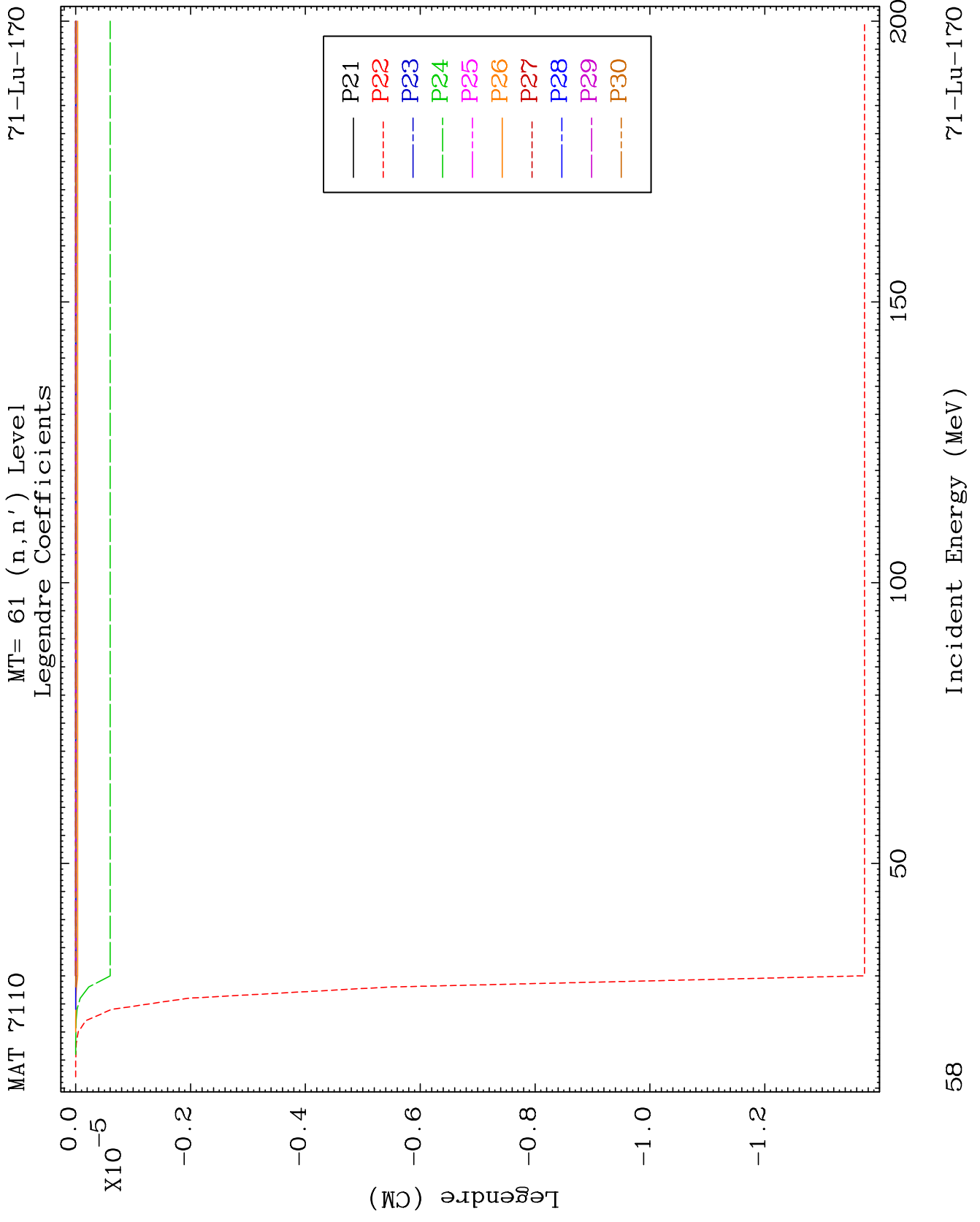


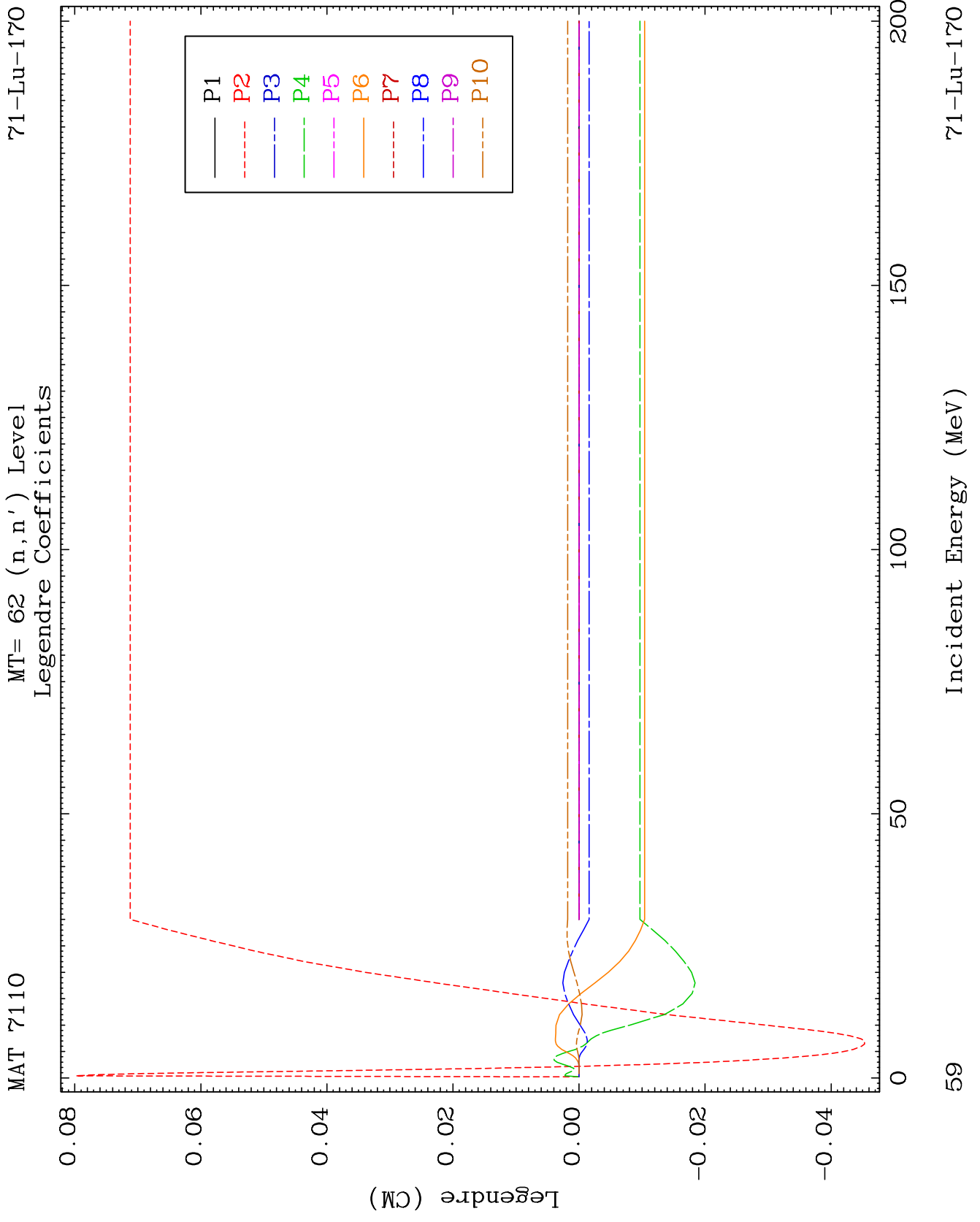


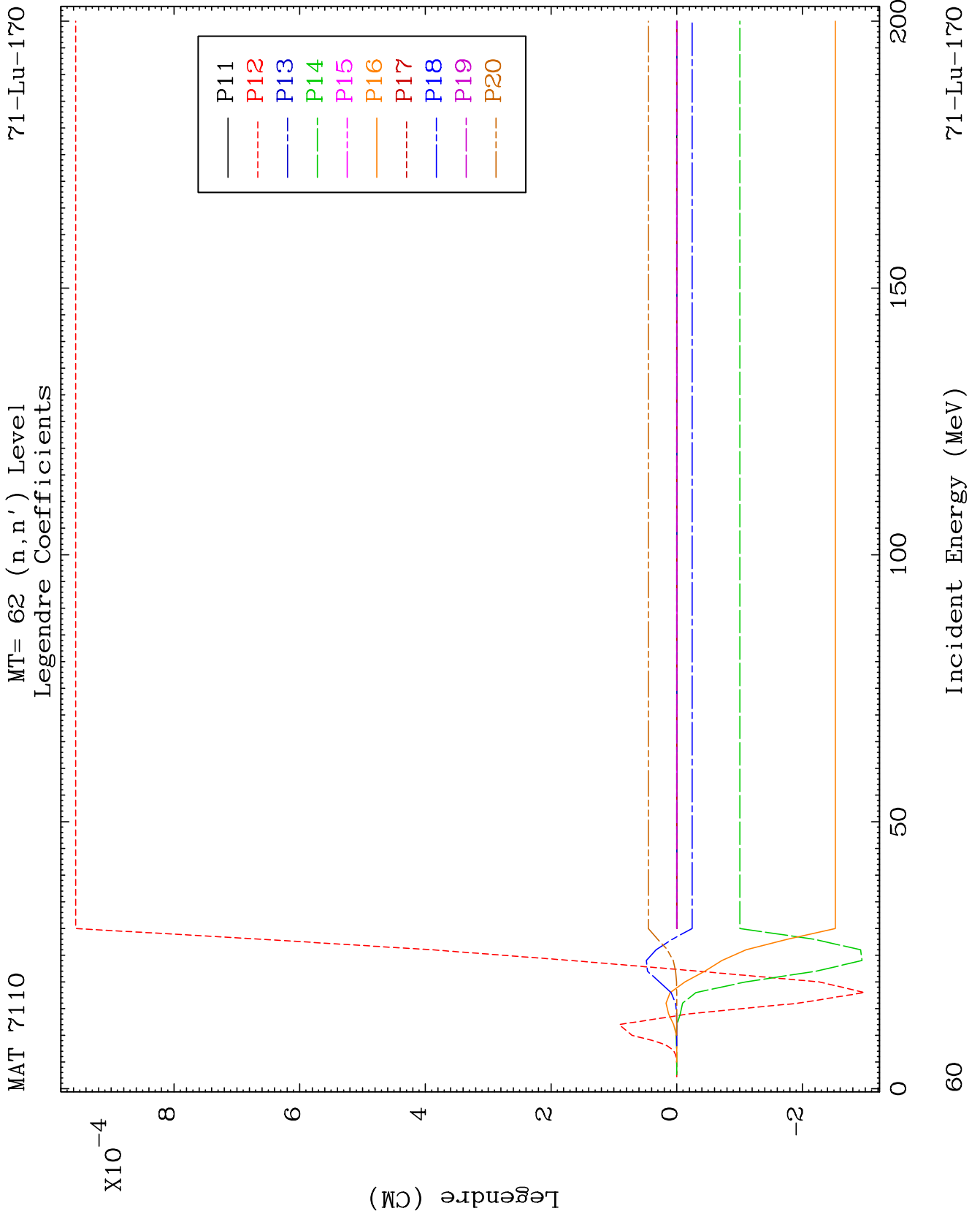


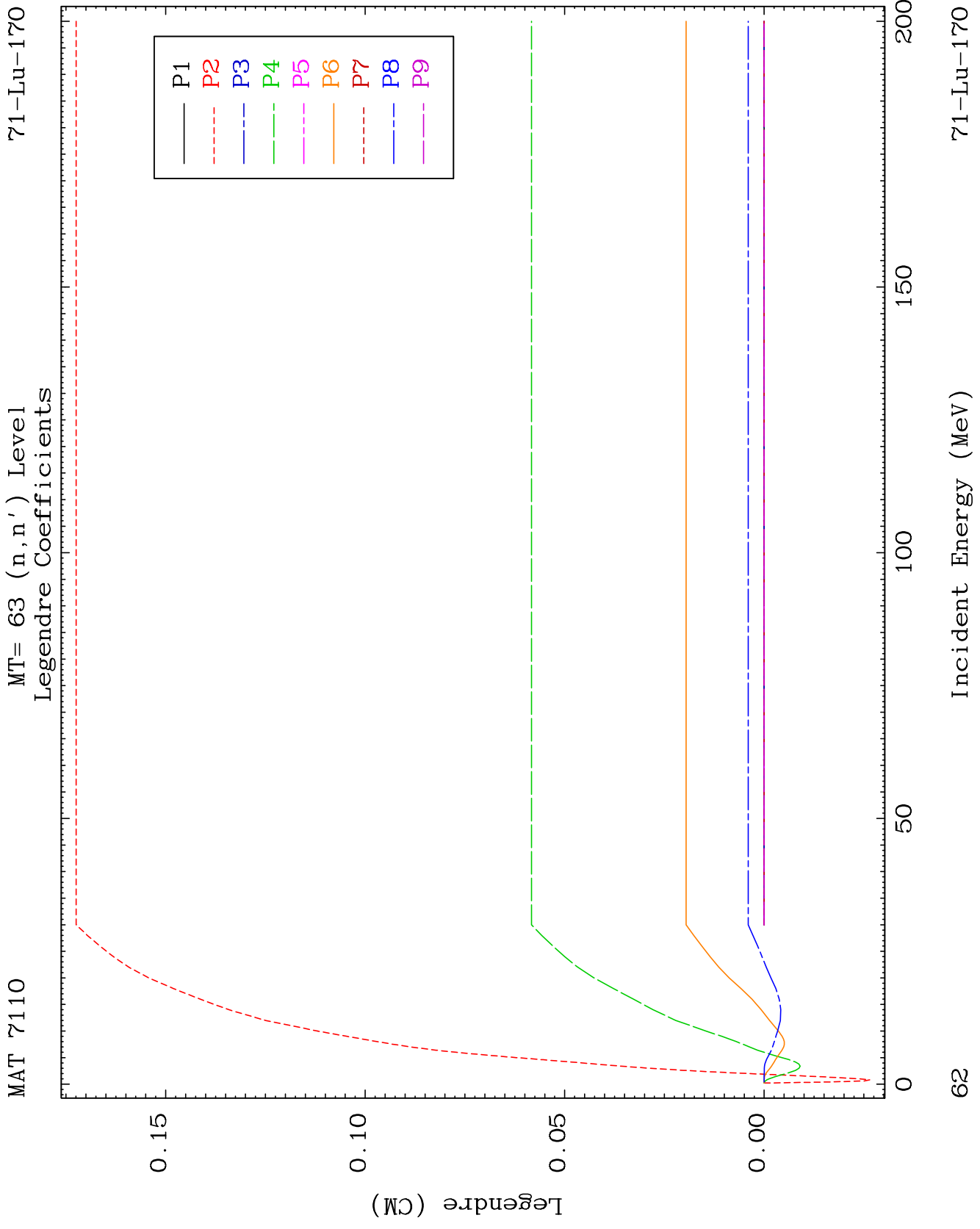








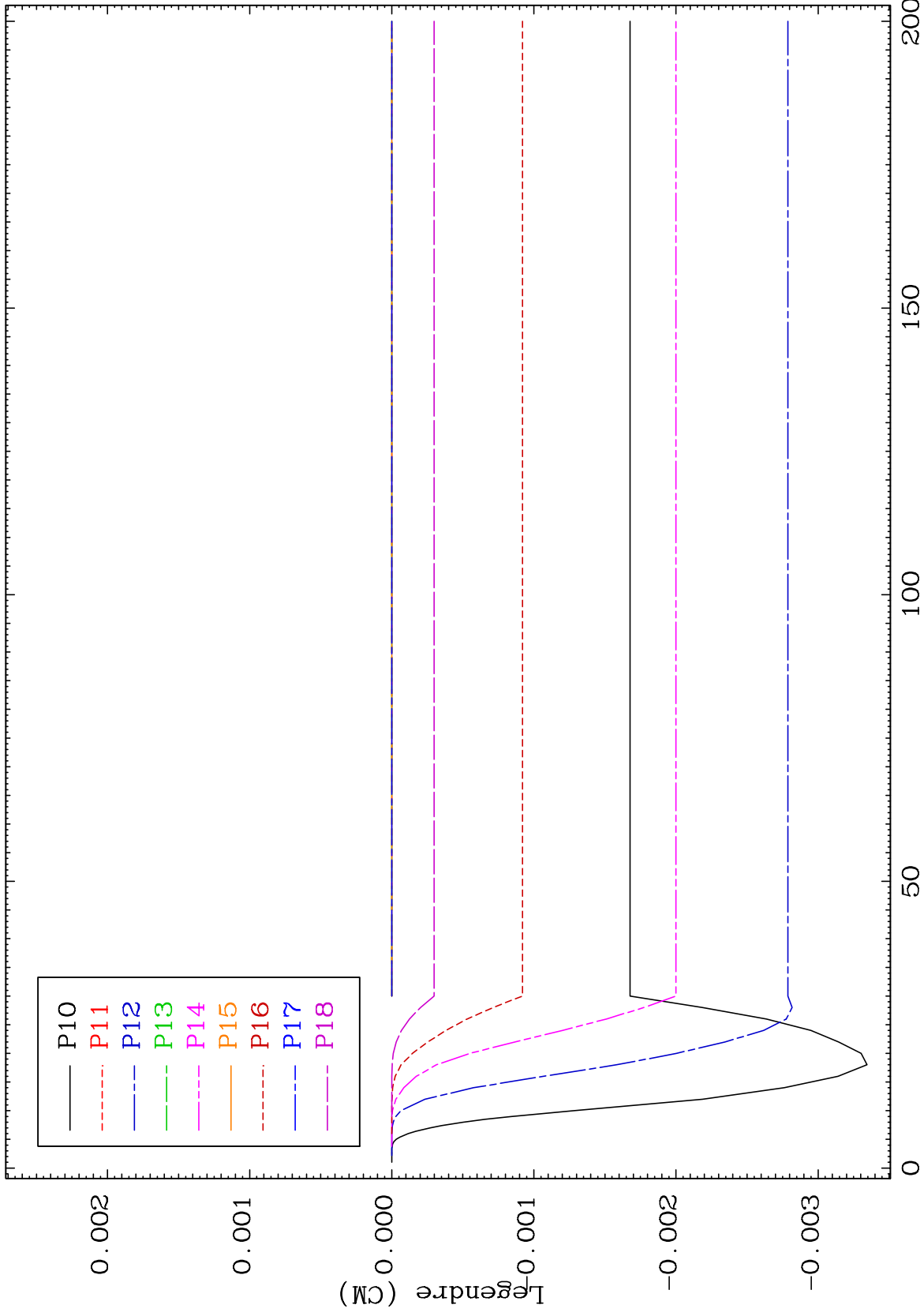




MAT 7110

MT= 63 (n,n') Level
Legendre Coefficients

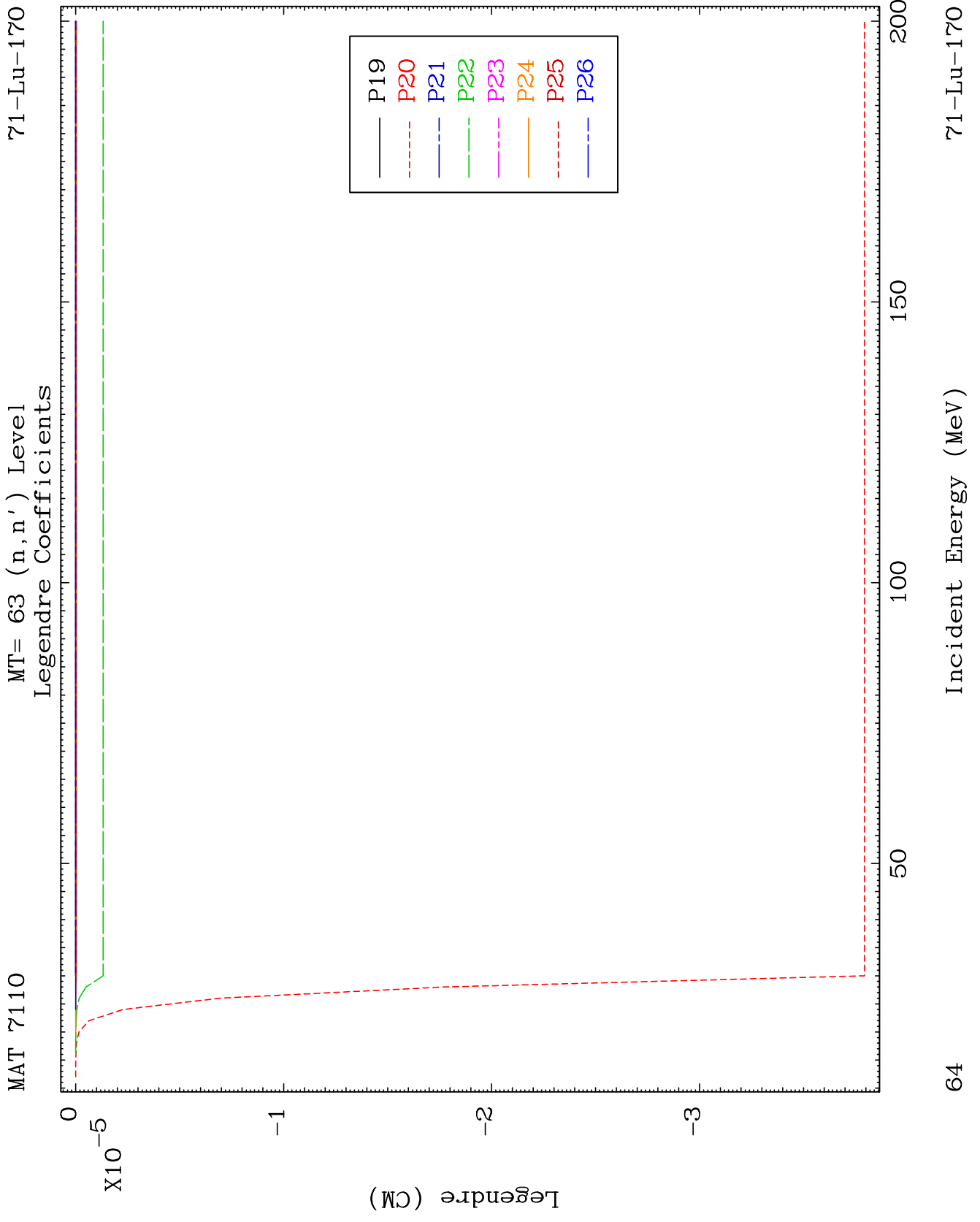
71-Lu-170

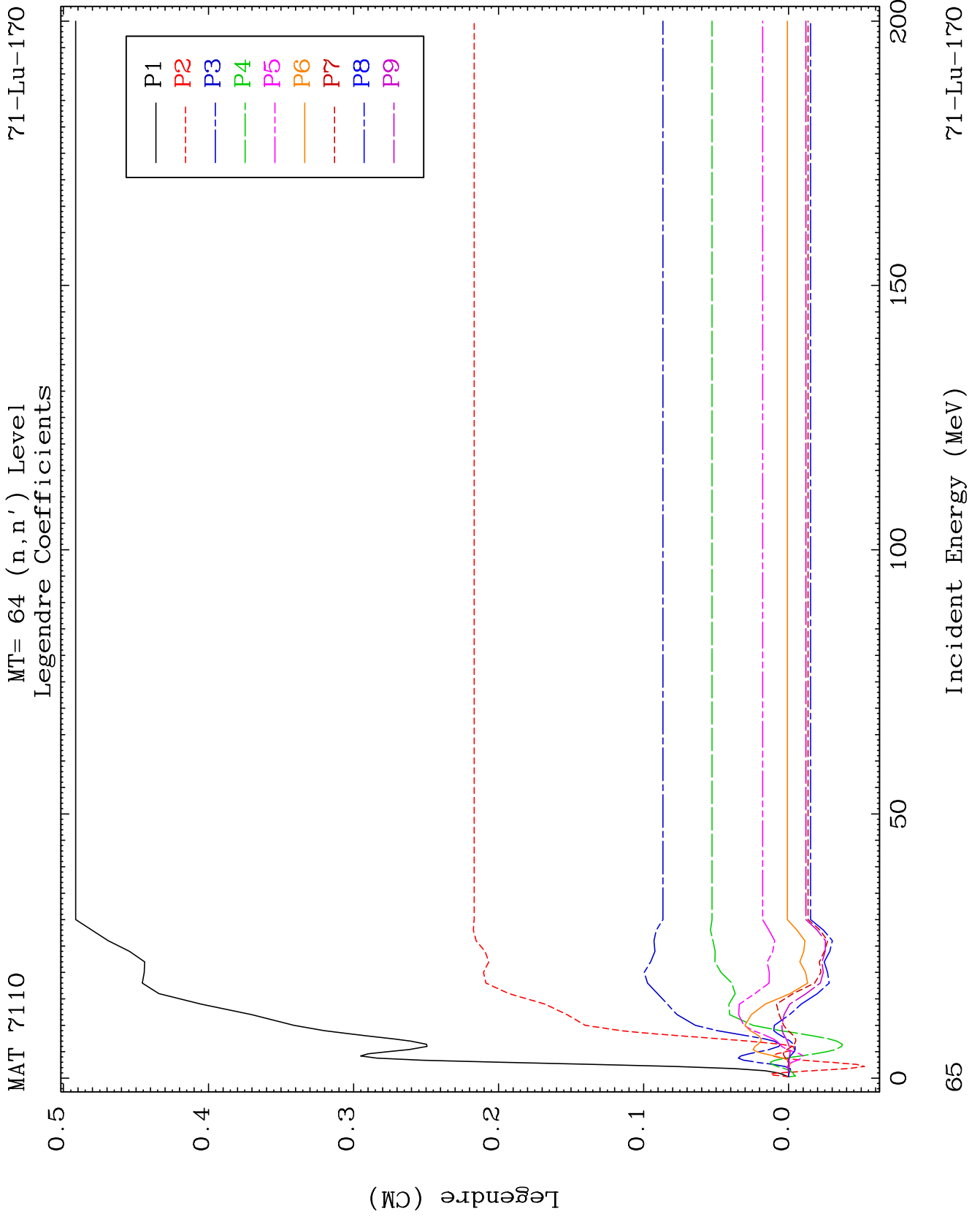


63

Incident Energy (MeV)

71-Lu-170

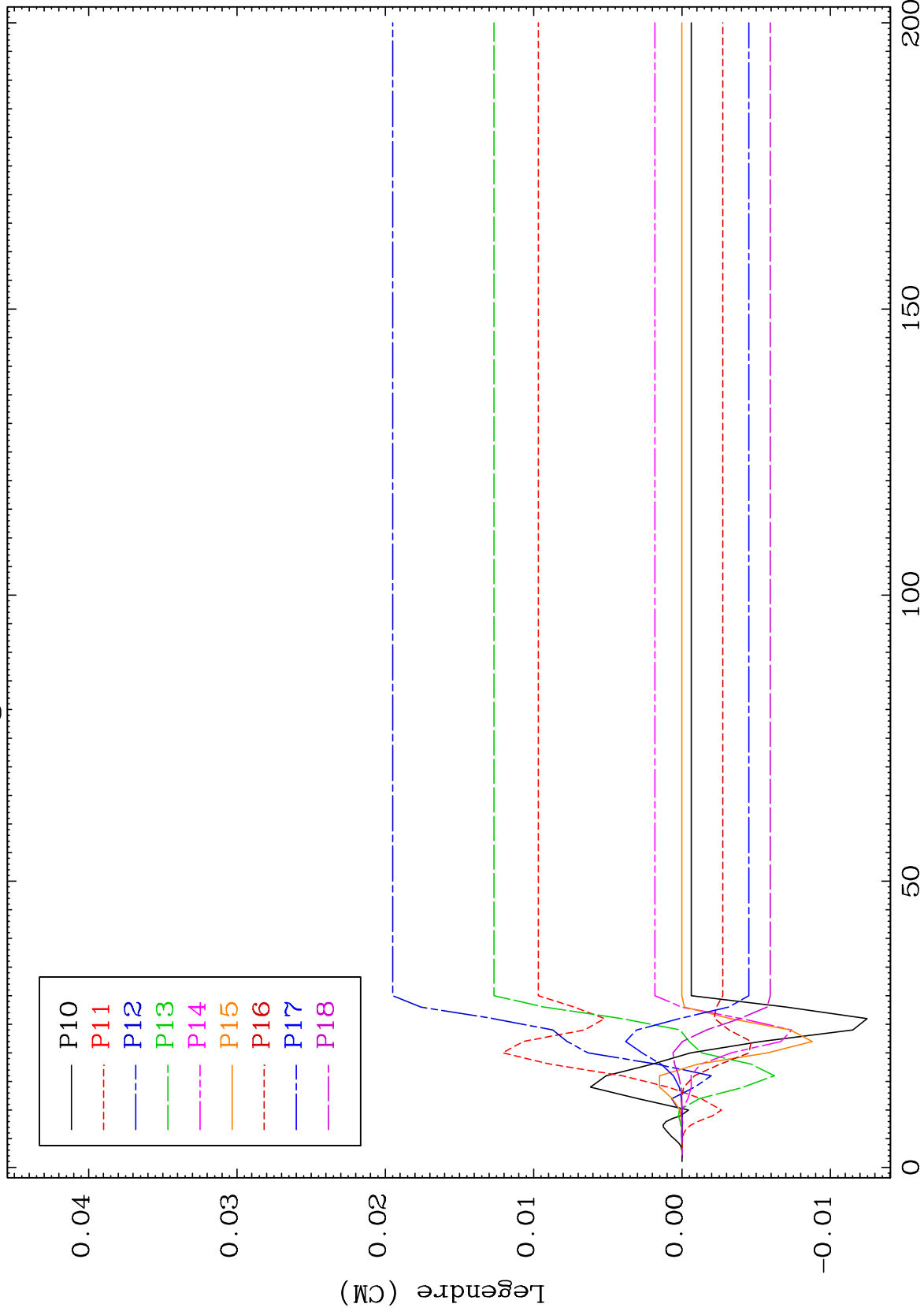




MAT 7110

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

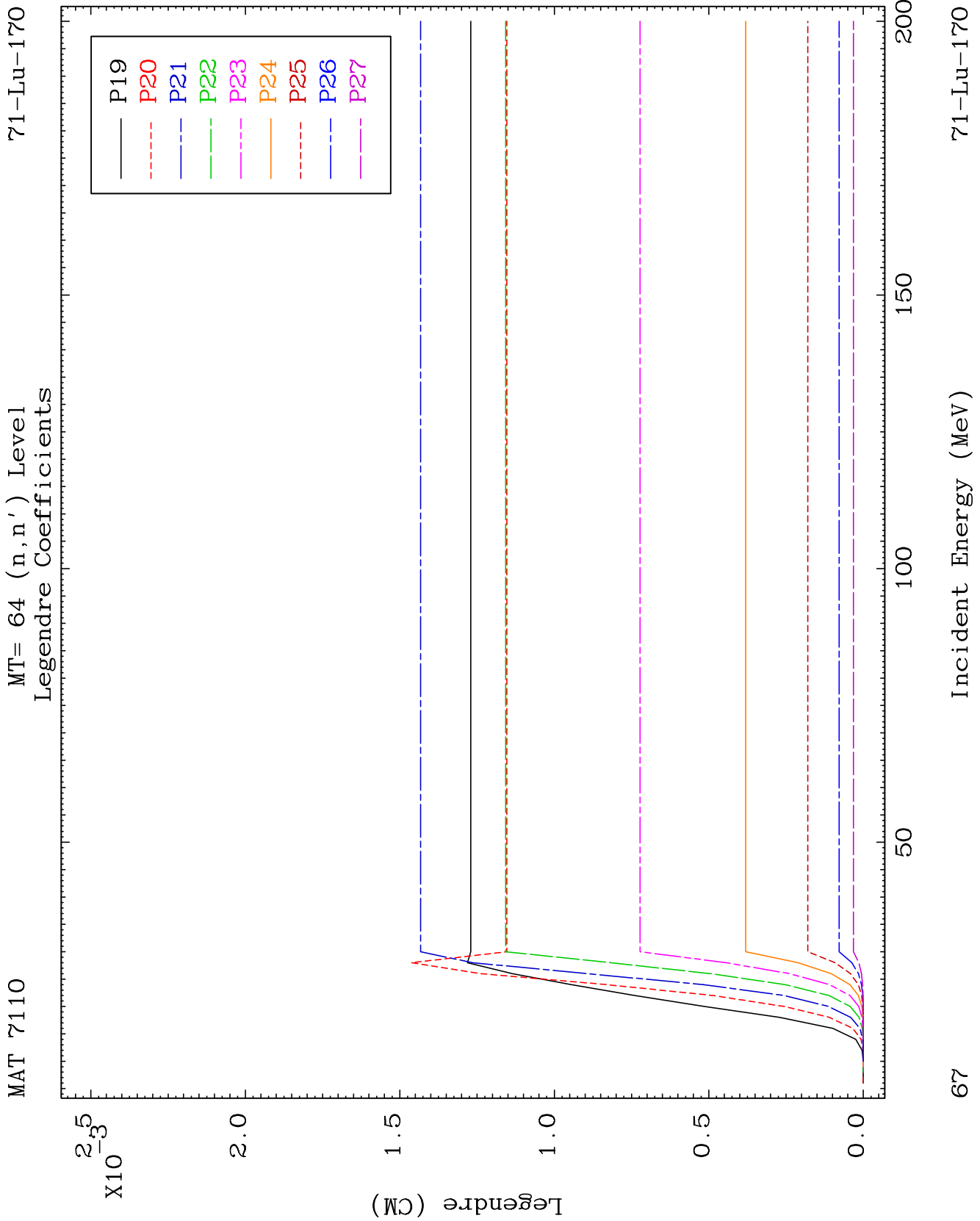
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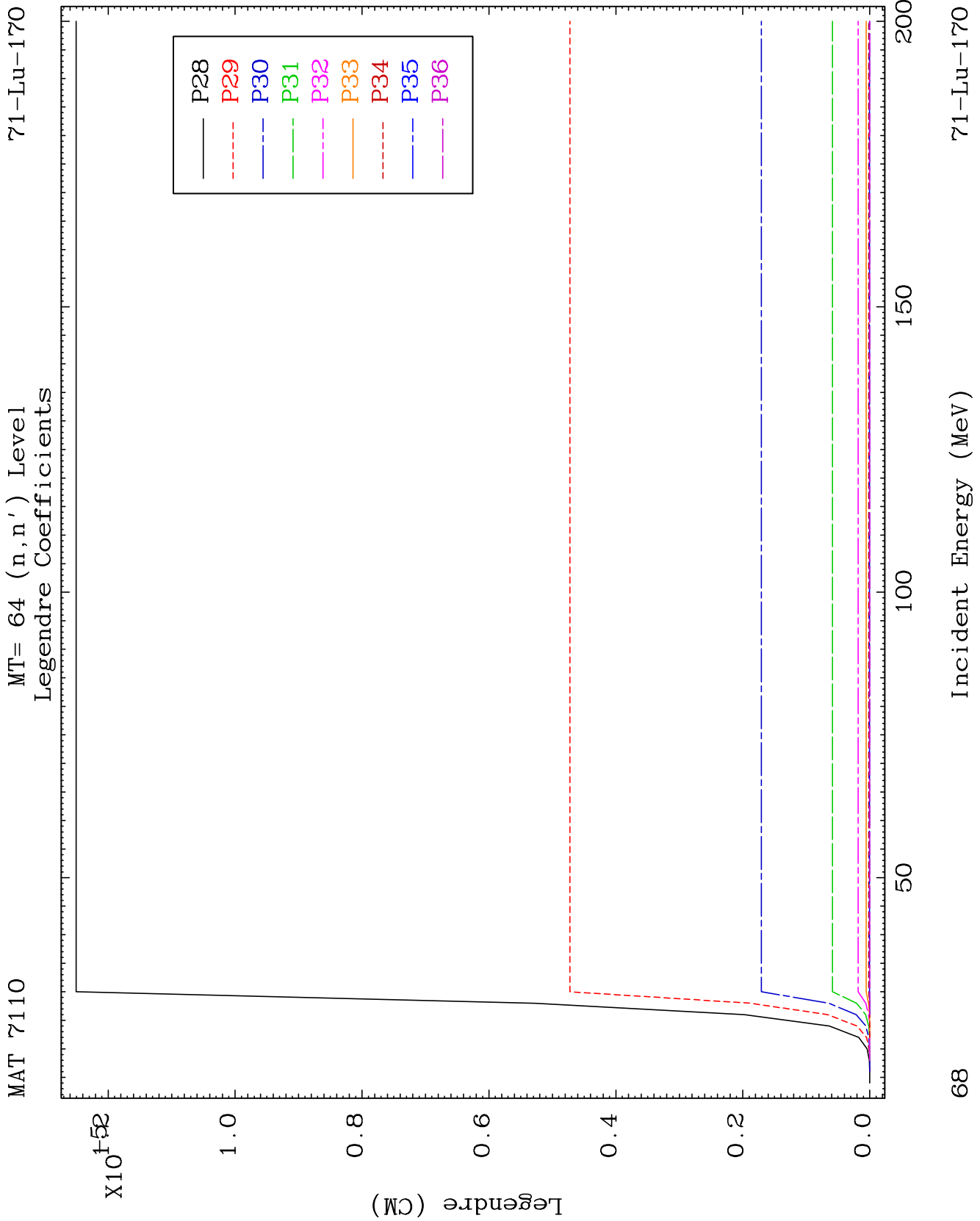


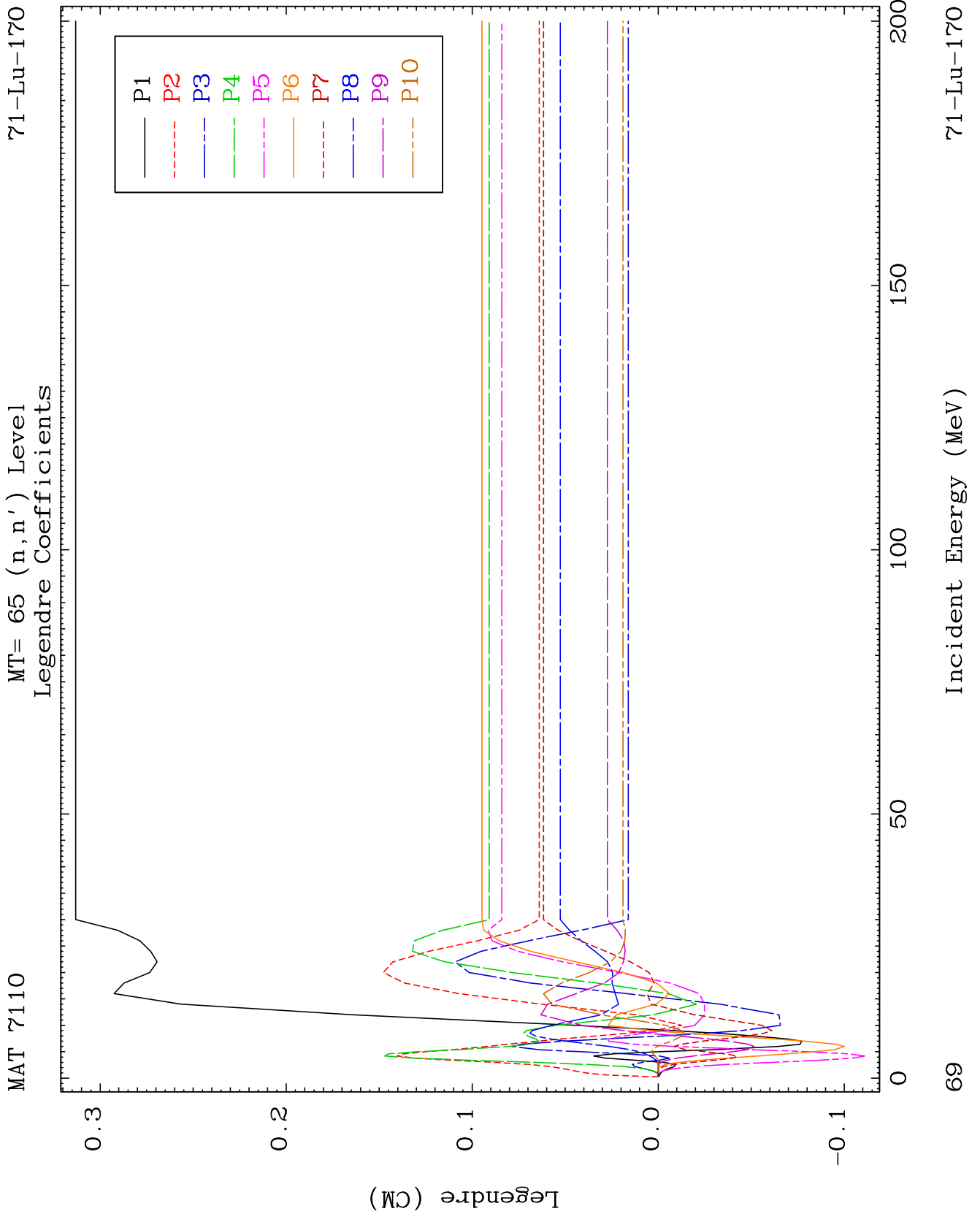
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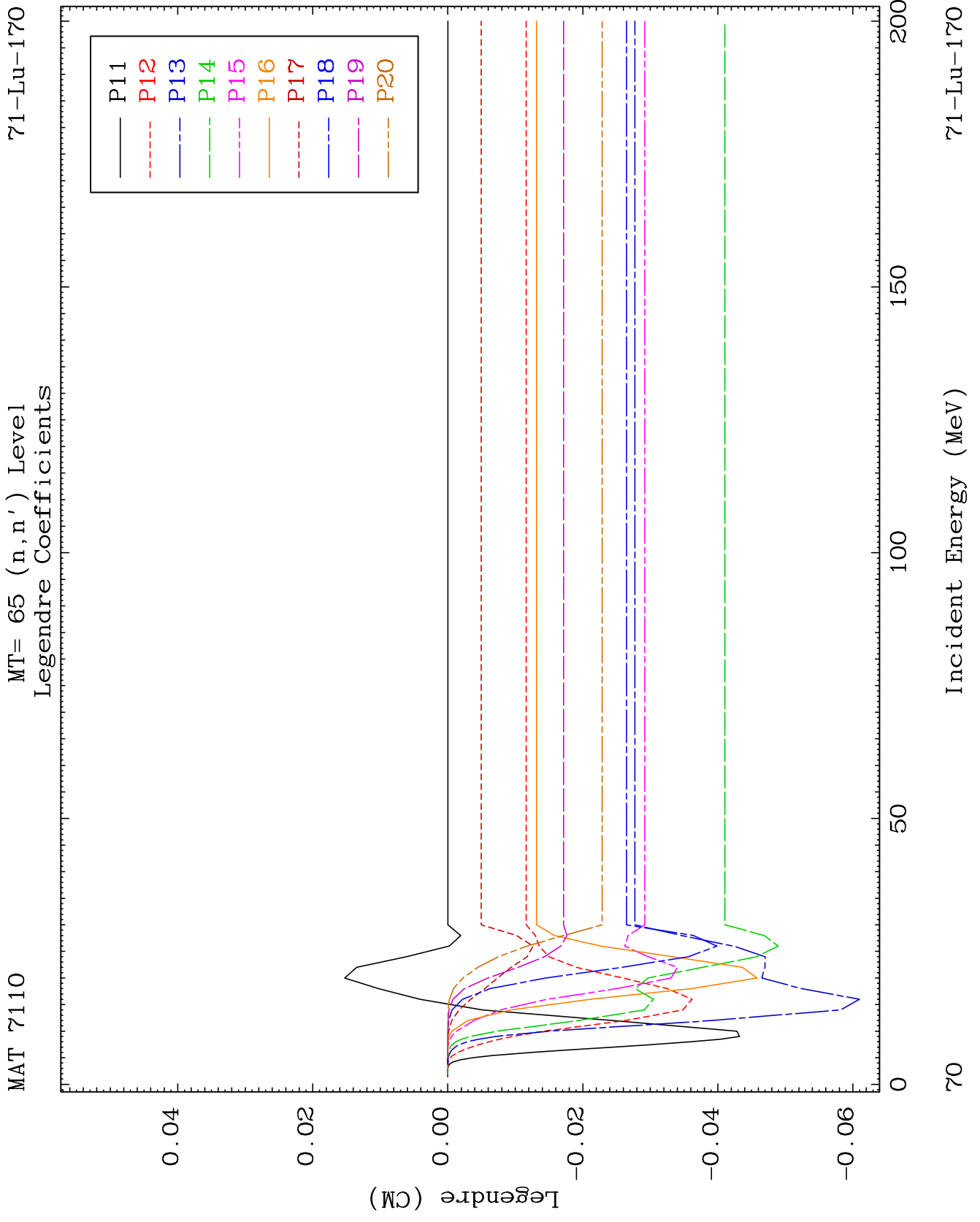
Incident Energy (MeV)

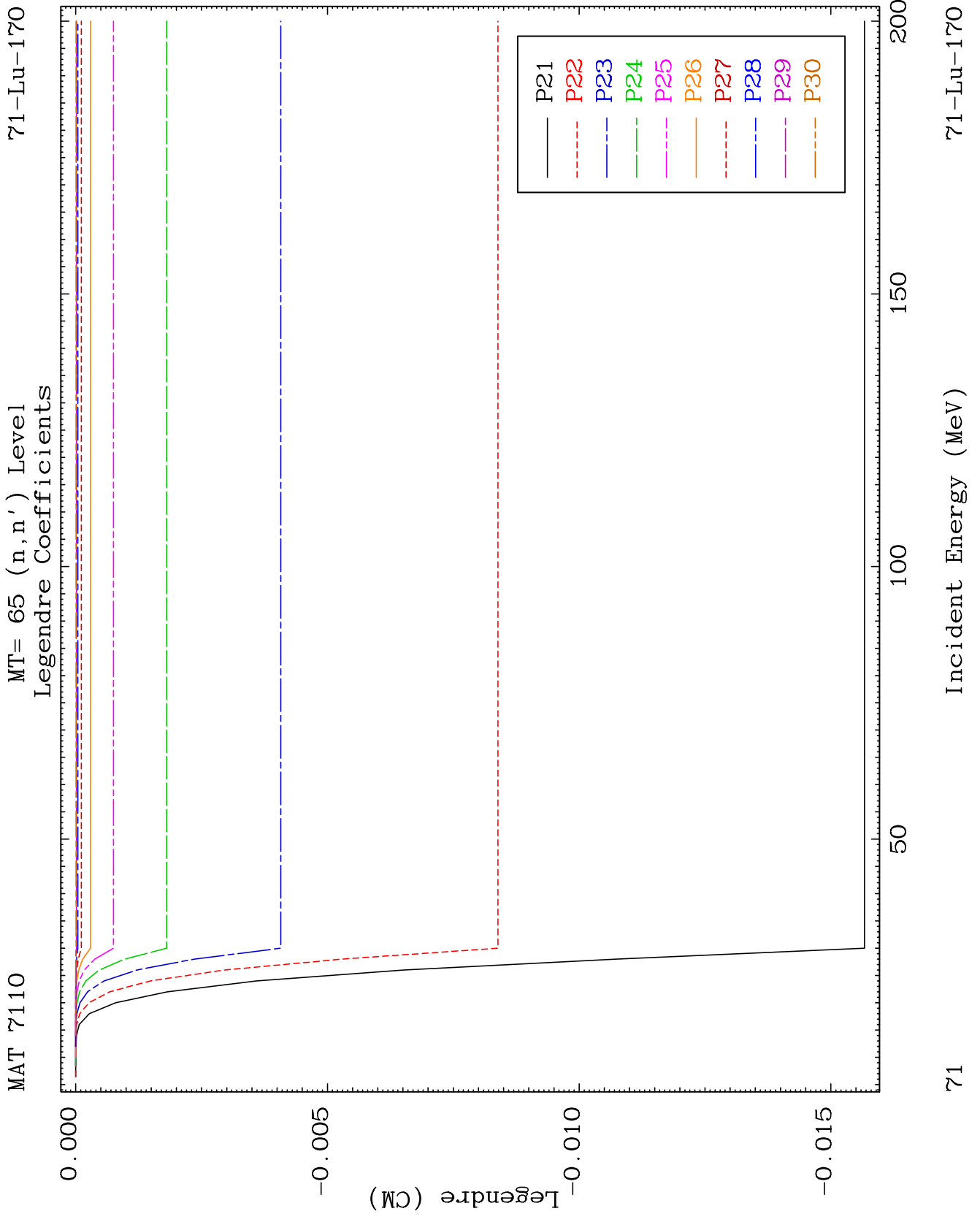
71-Lu-170

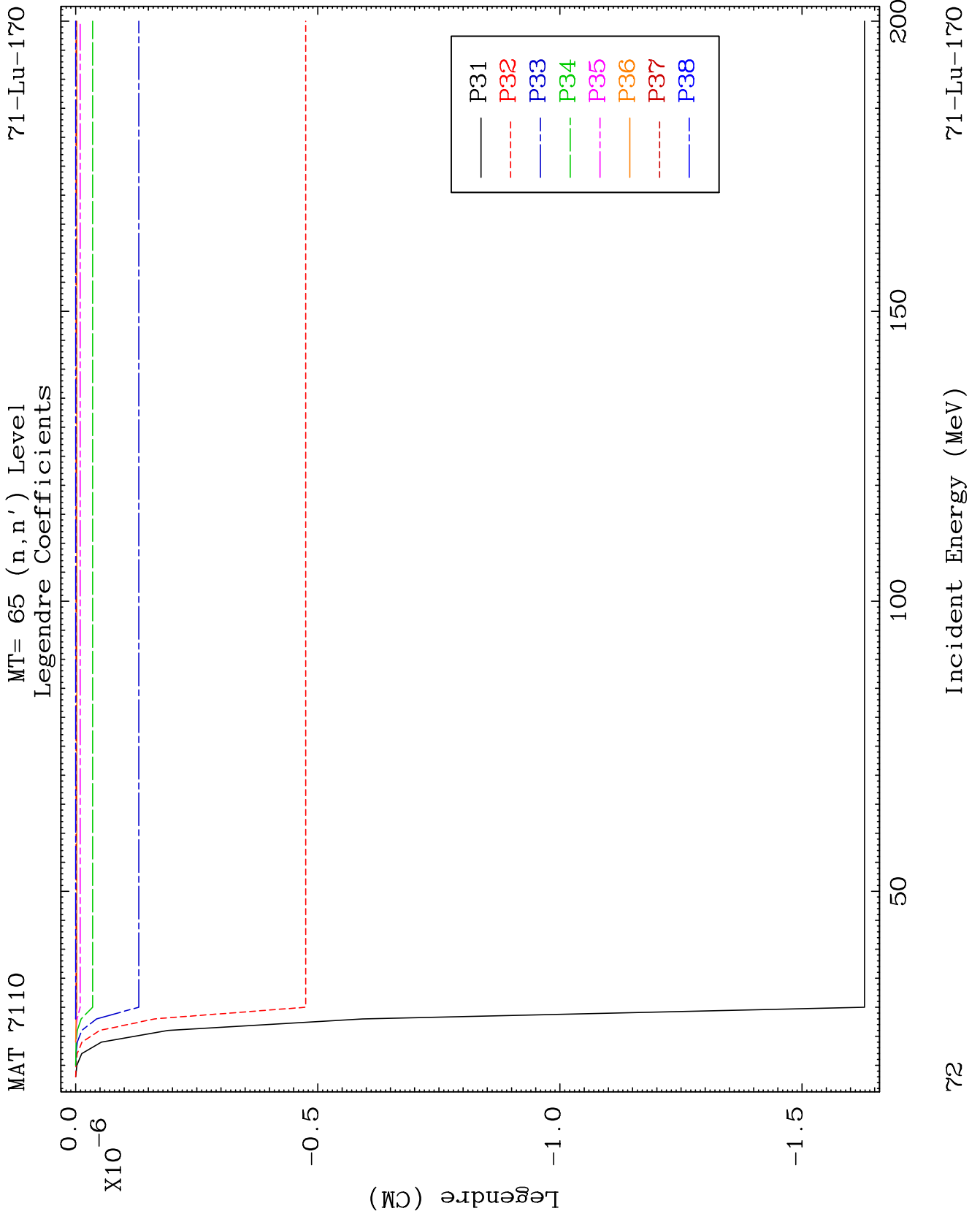










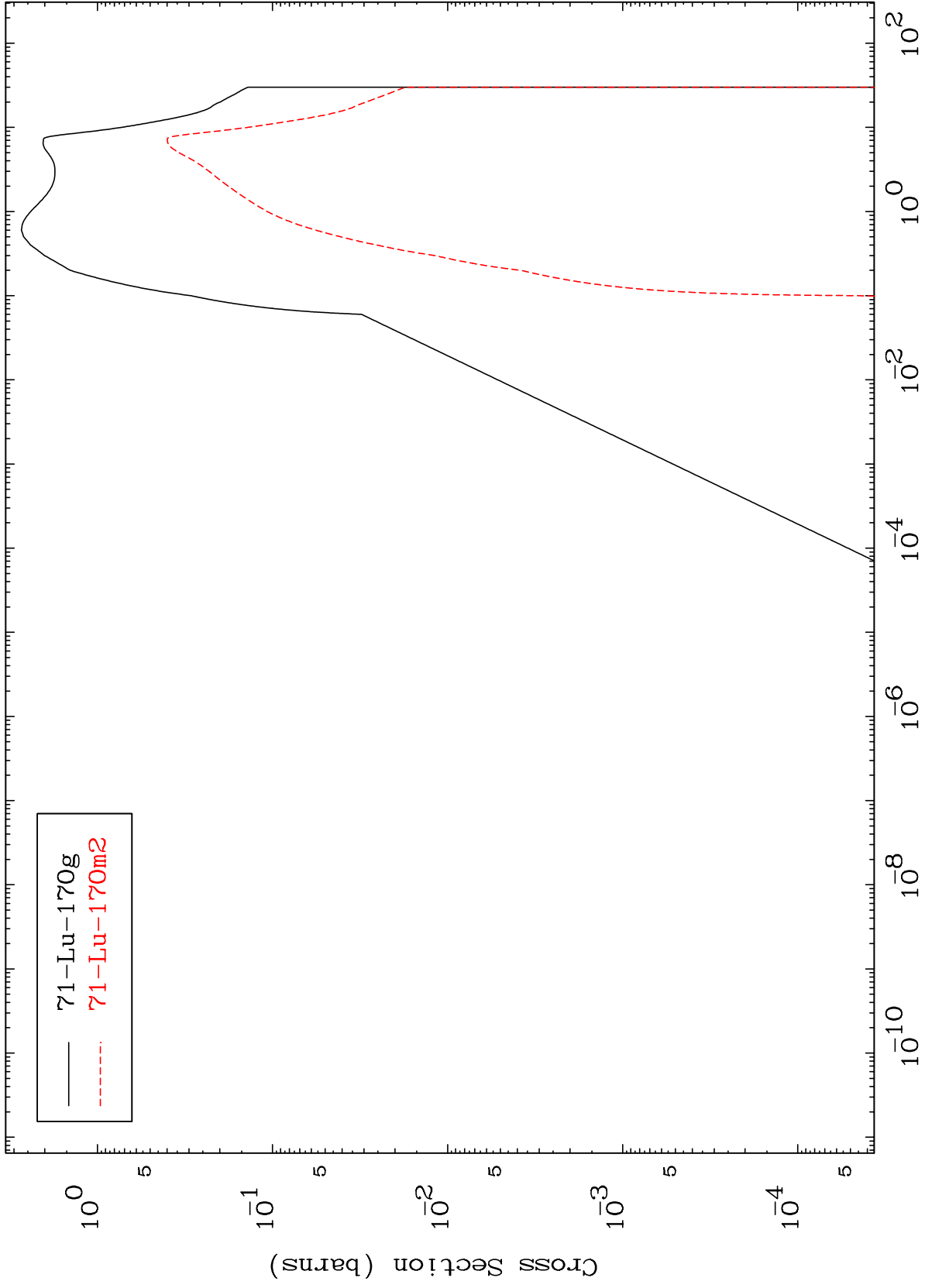


MAT 7110

Inelastic

⁷¹Lu-170

Radionuclide Production Cross Section



— ⁷¹Lu-170g
- - - ⁷¹Lu-170m2

73

Incident Energy (MeV)

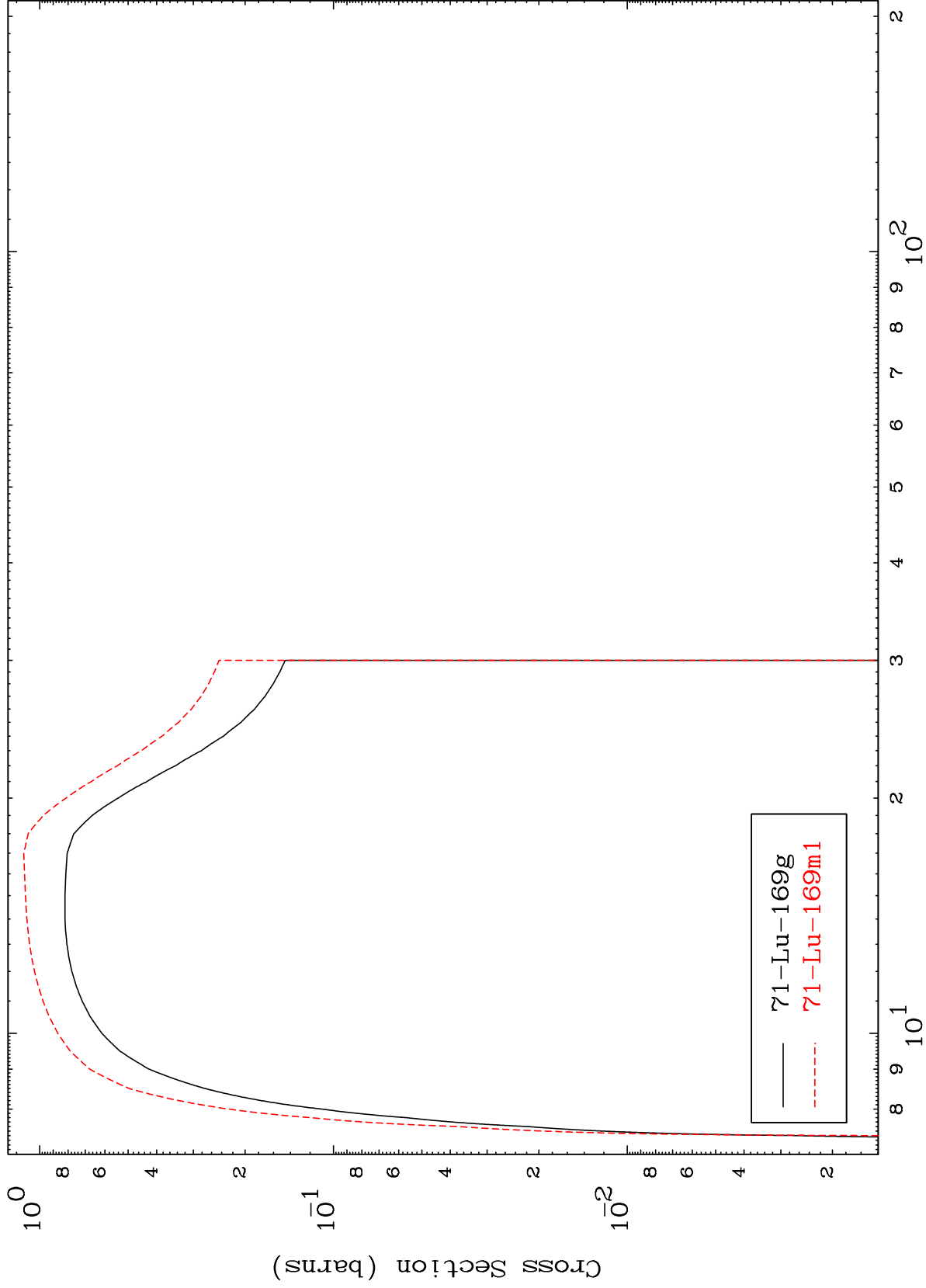
⁷¹Lu-170

MAT 7110

(n,2n)

⁷¹Lu-170

Radionuclide Production Cross Section



74

Incident Energy (MeV)

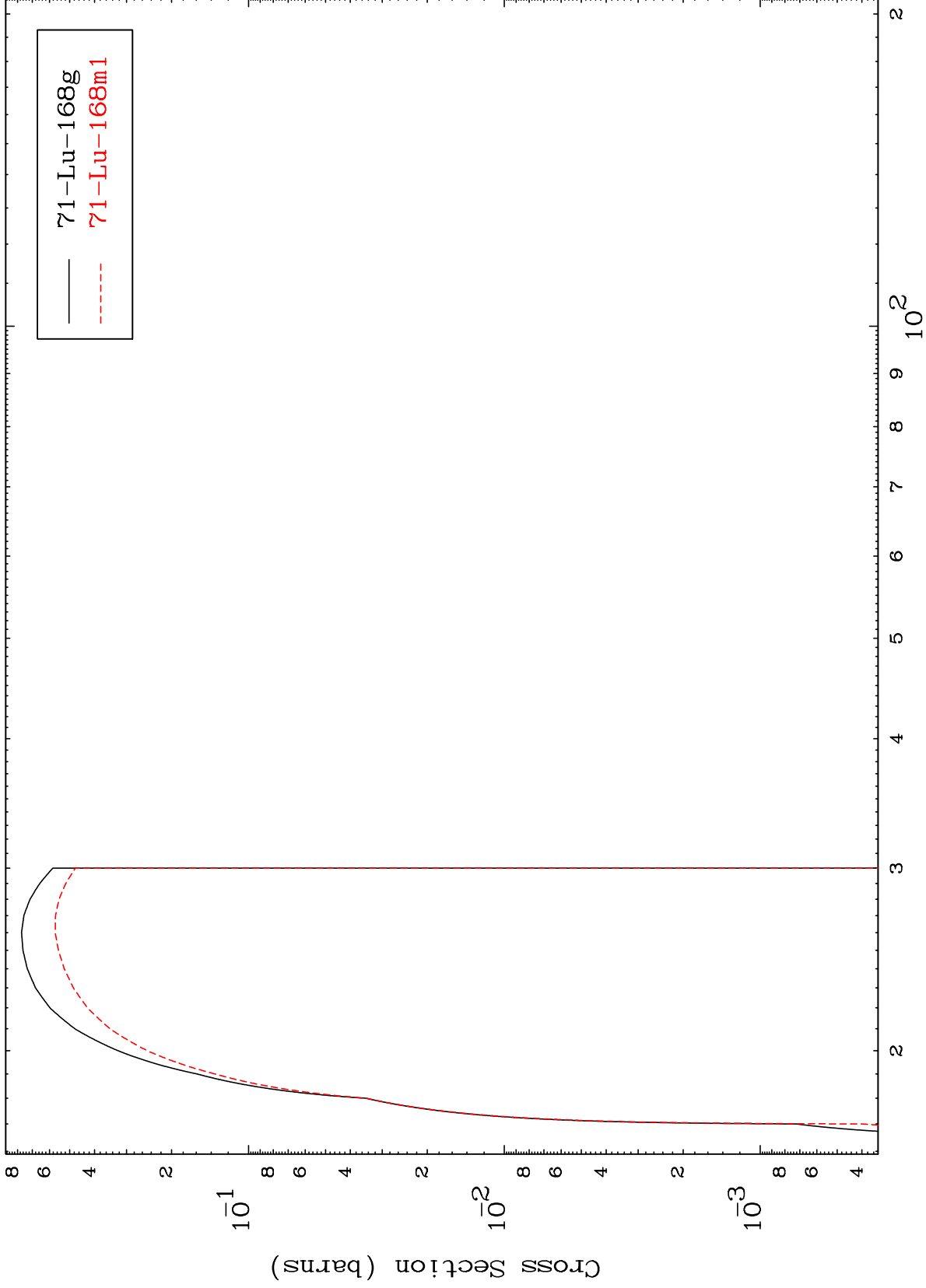
⁷¹Lu-170

MAT 7110

(n,3n)

⁷¹Lu-170

Radionuclide Production Cross Section



75

Incident Energy (MeV)

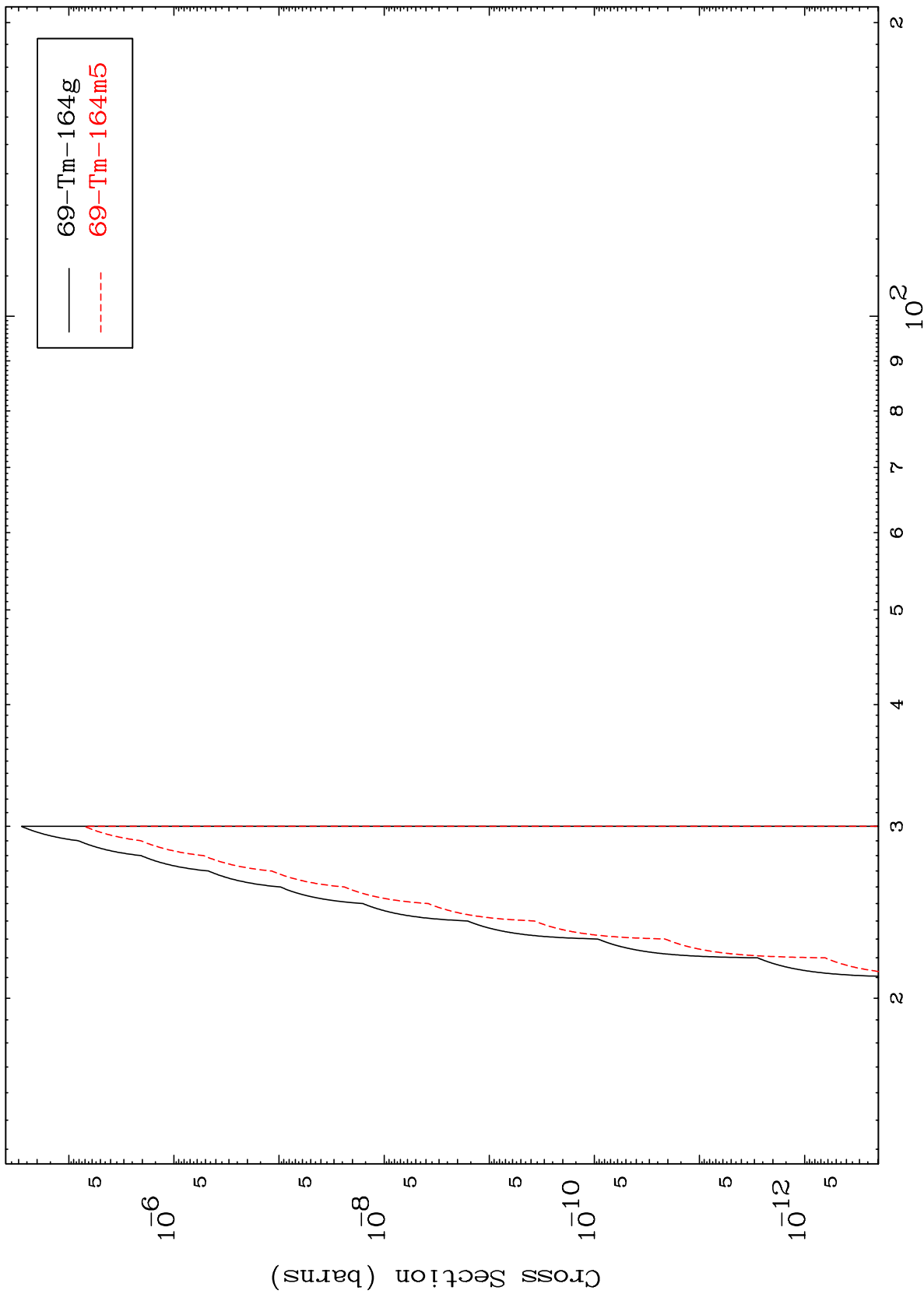
⁷¹Lu-170

MAT 7110

(n,3n) α

71-Lu-170

Radionuclide Production Cross Section



76

Incident Energy (MeV)

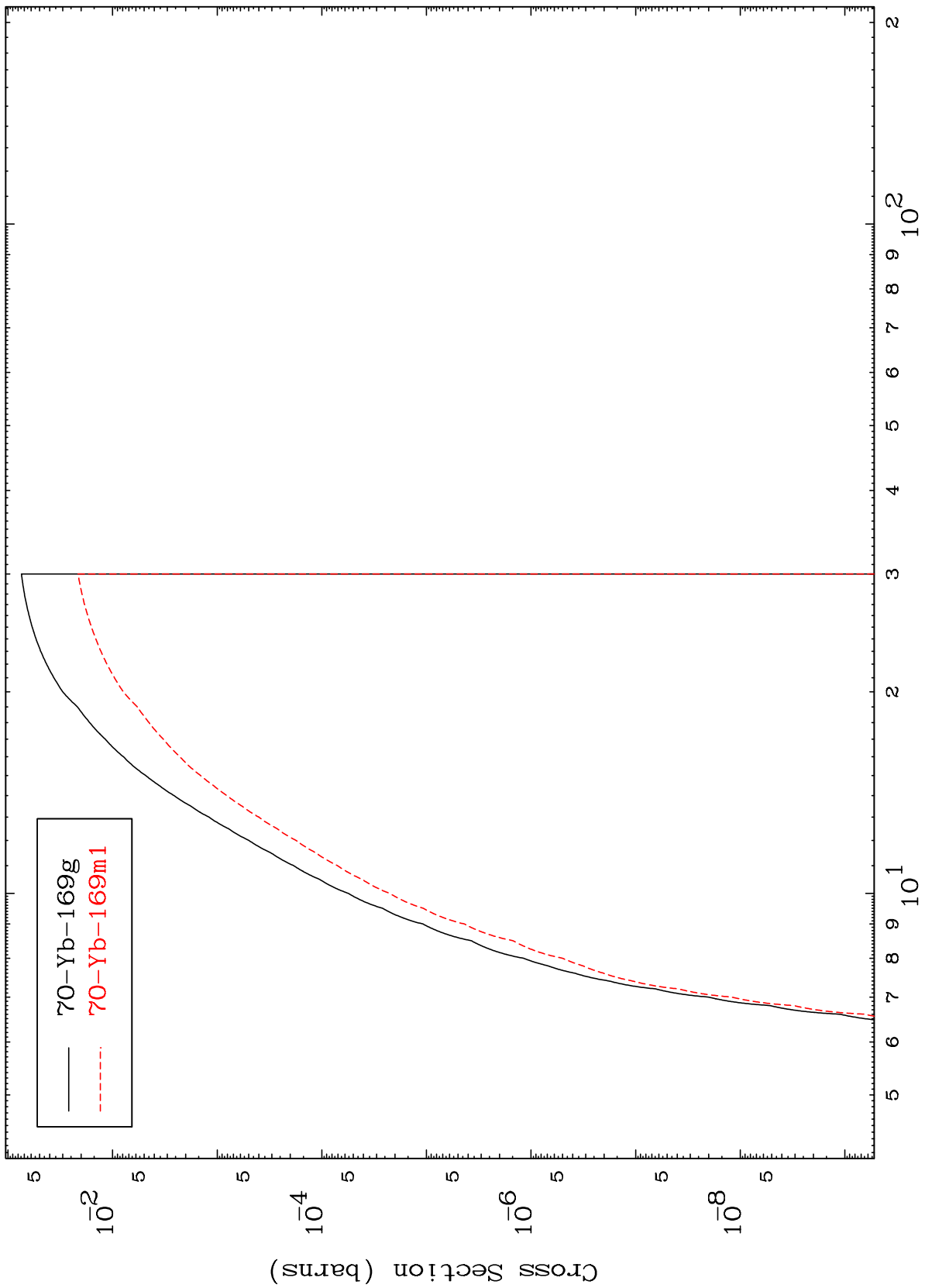
71-Lu-170

MAT 7110

(n,n') p

71-Lu-170

Radionuclide Production Cross Section



70-Yb-169g
70-Yb-169m1

77

Incident Energy (MeV)

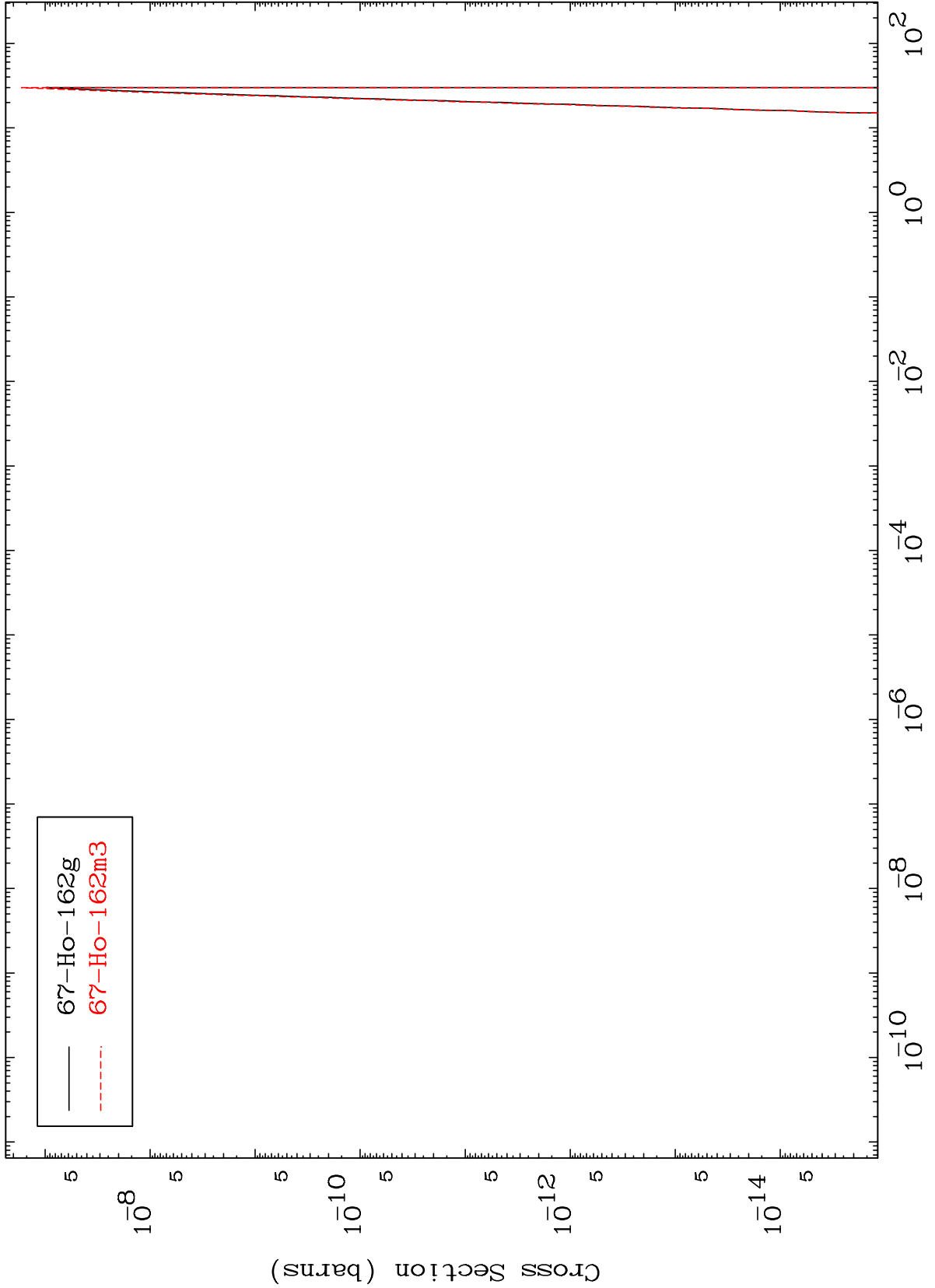
71-Lu-170

MAT 7110

(n,n') 2α

71-Lu-170

Radionuclide Production Cross Section



78

Incident Energy (MeV)

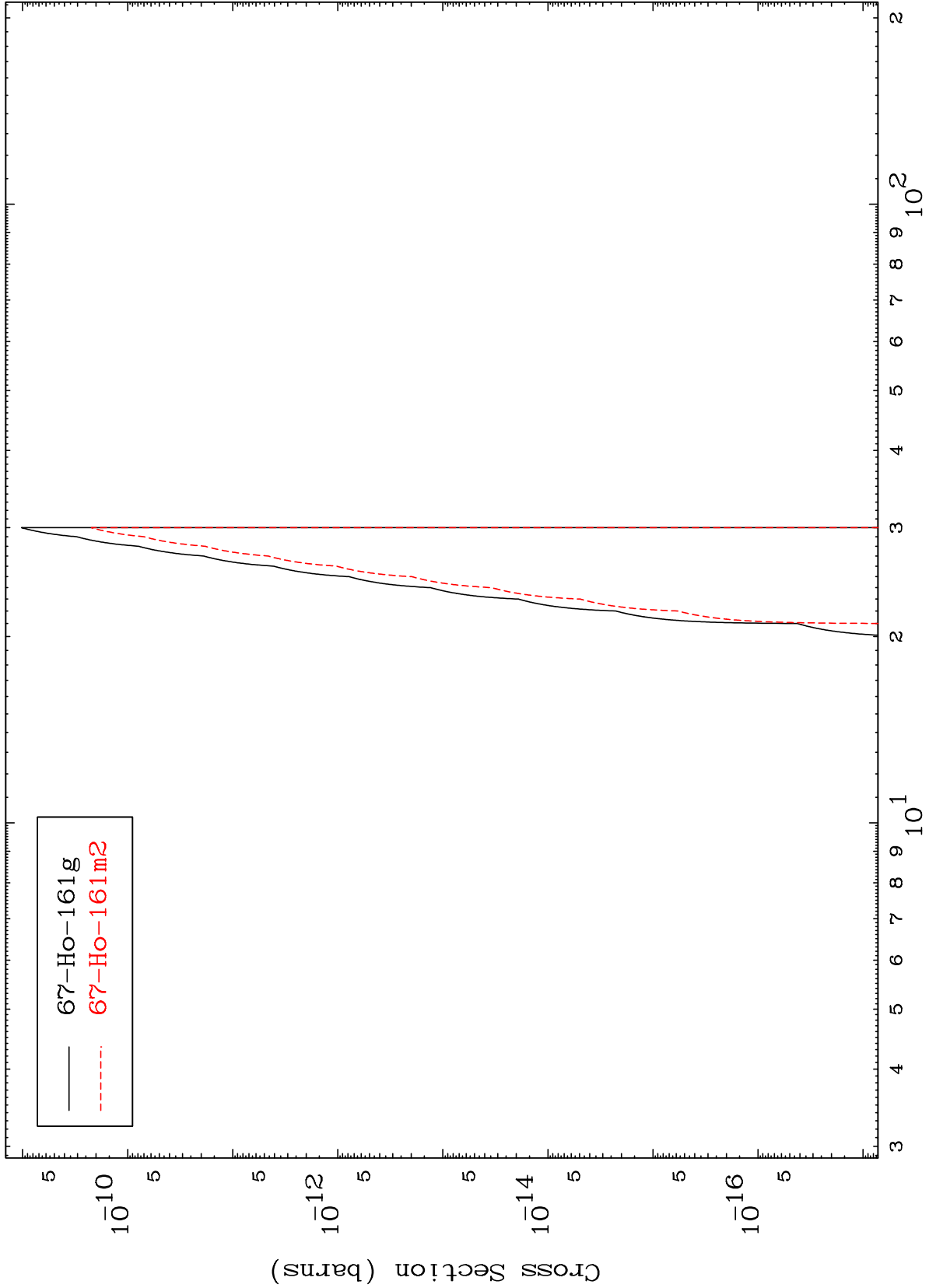
71-Lu-170

MAT 7110

^{67}Lu

^{170}Lu

Radionuclide Production Cross Section



— $^{67}\text{Ho-161g}$
- - - $^{67}\text{Ho-161m2}$

79

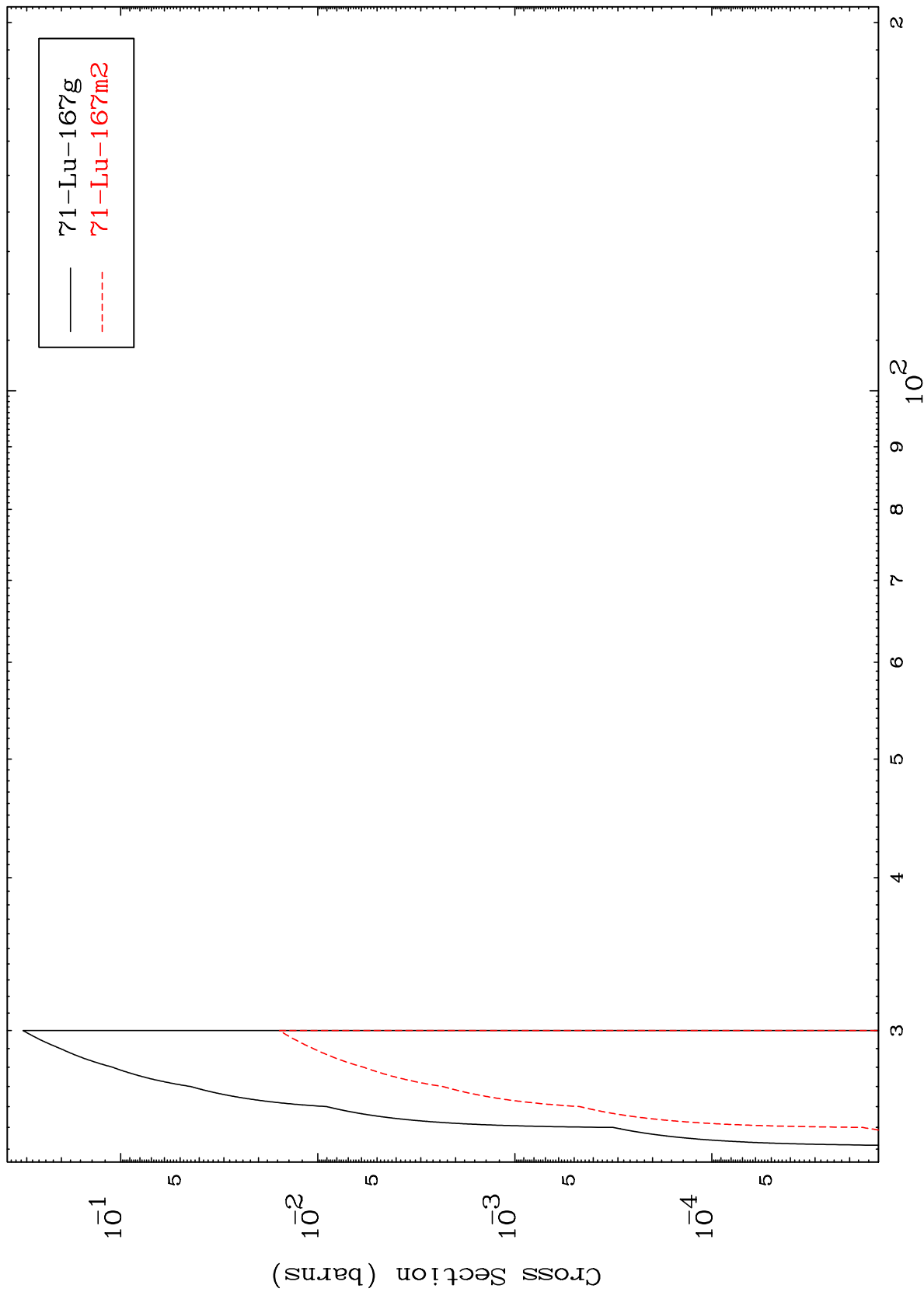
Incident Energy (MeV)

^{170}Lu

MAT 7110

71-Lu-170

(n,4n)
Radionuclide Production Cross Section



80

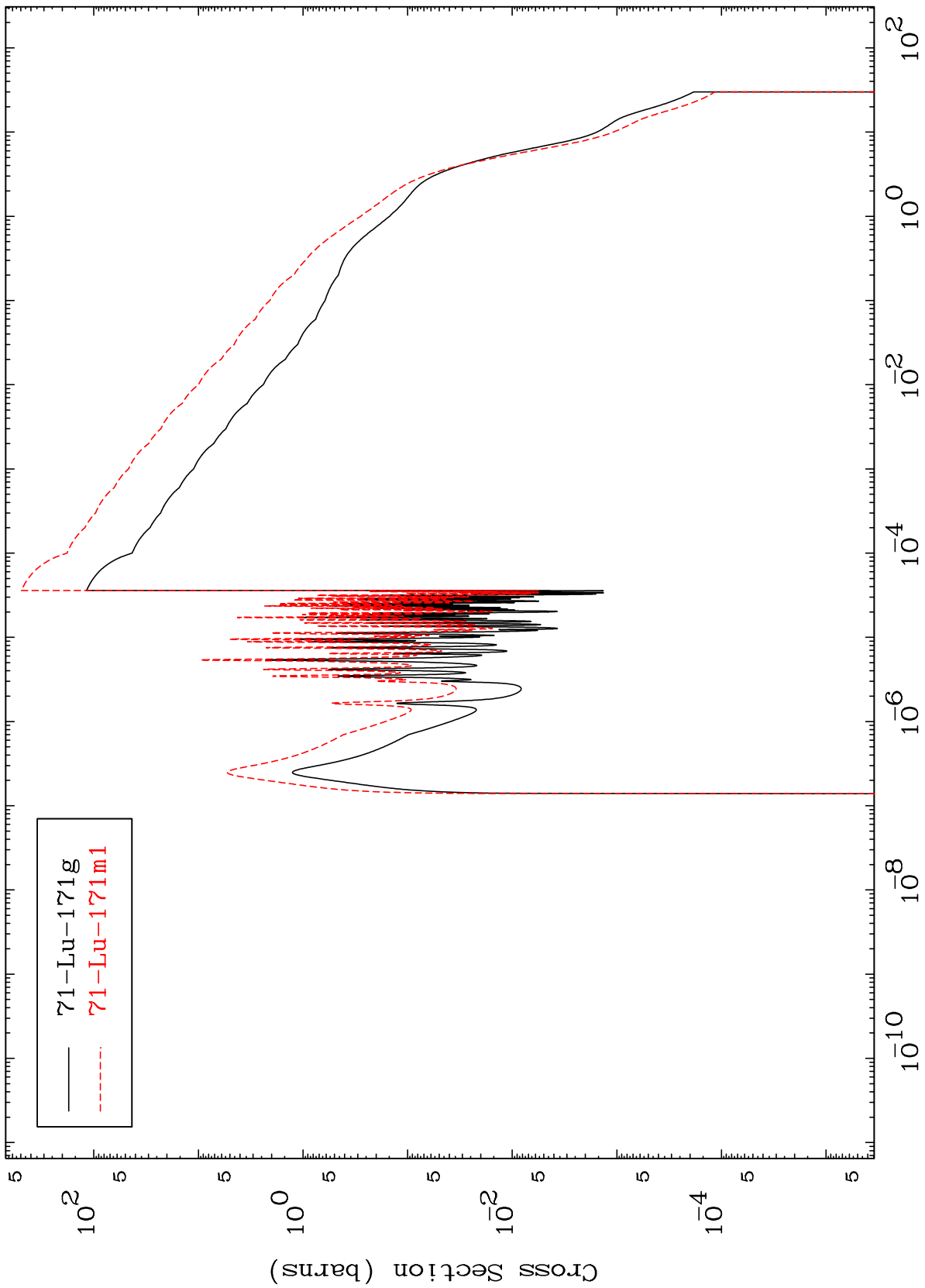
Incident Energy (MeV)

71-Lu-170

MAT 7110

⁷¹Lu-170

(n,γ)
Radionuclide Production Cross Section



⁷¹Lu-170

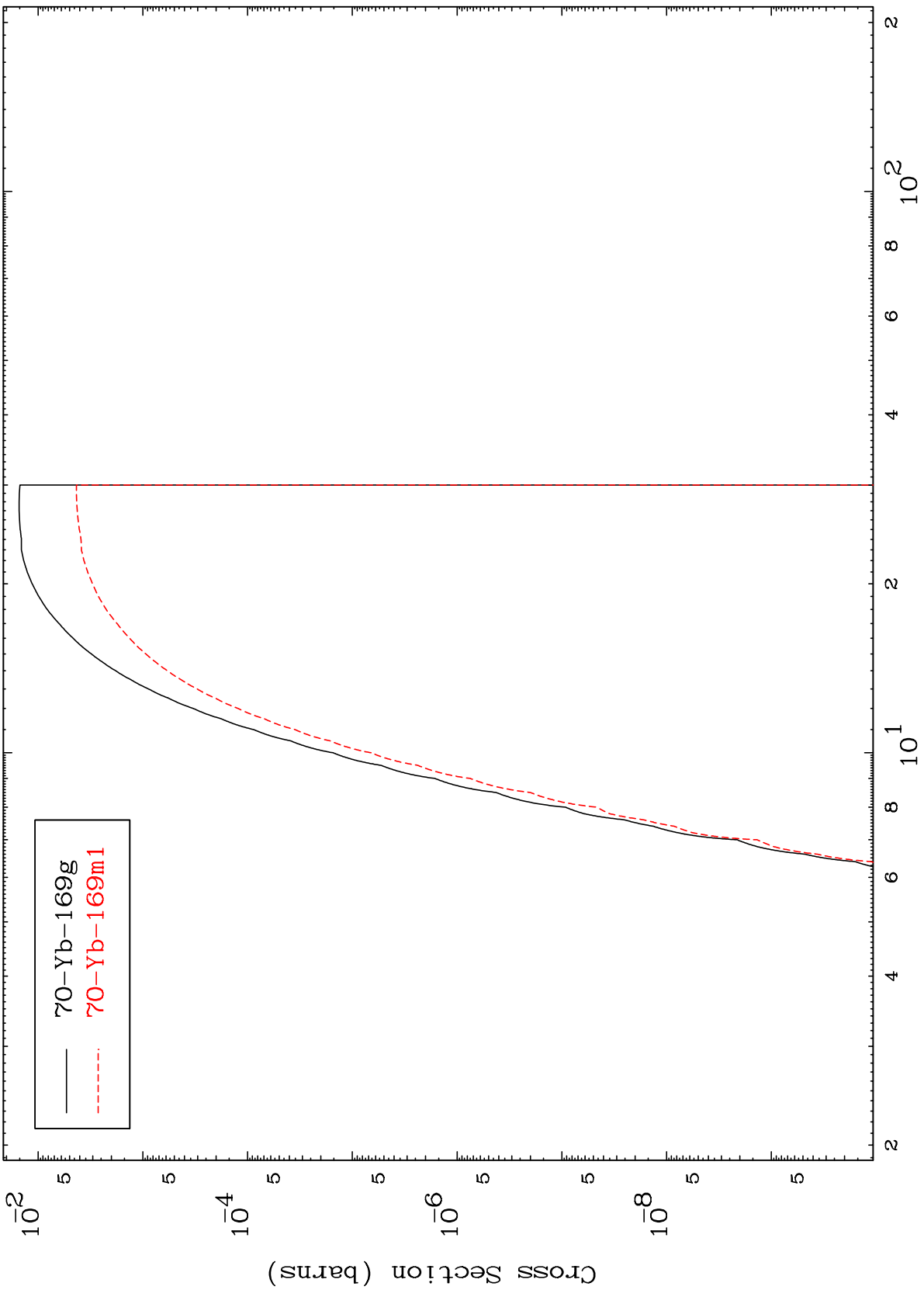
Incident Energy (MeV)

MAT 7110

(n,d)

⁷¹Lu-170

Radionuclide Production Cross Section



— ⁷⁰Yb-169g
- - - ⁷⁰Yb-169m1

82

Incident Energy (MeV)

⁷¹Lu-170

MAT 7110

⁷¹Lu-170

Radionuclide Production Cross Section
(n,2α)

