

Program EVALPLOT
(Version 2015-2)

by

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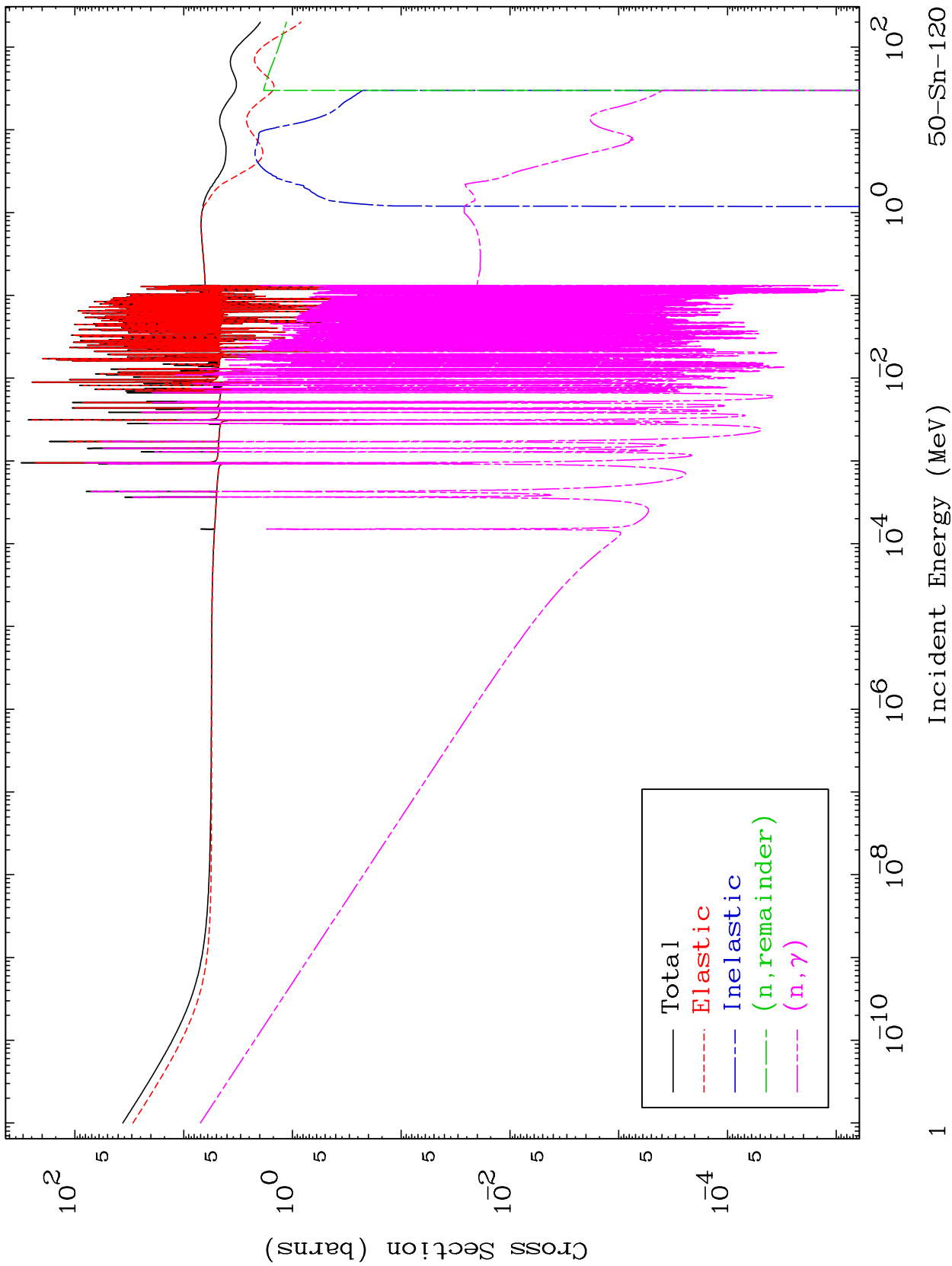
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5049

Major
293 Kelvin Cross Sections

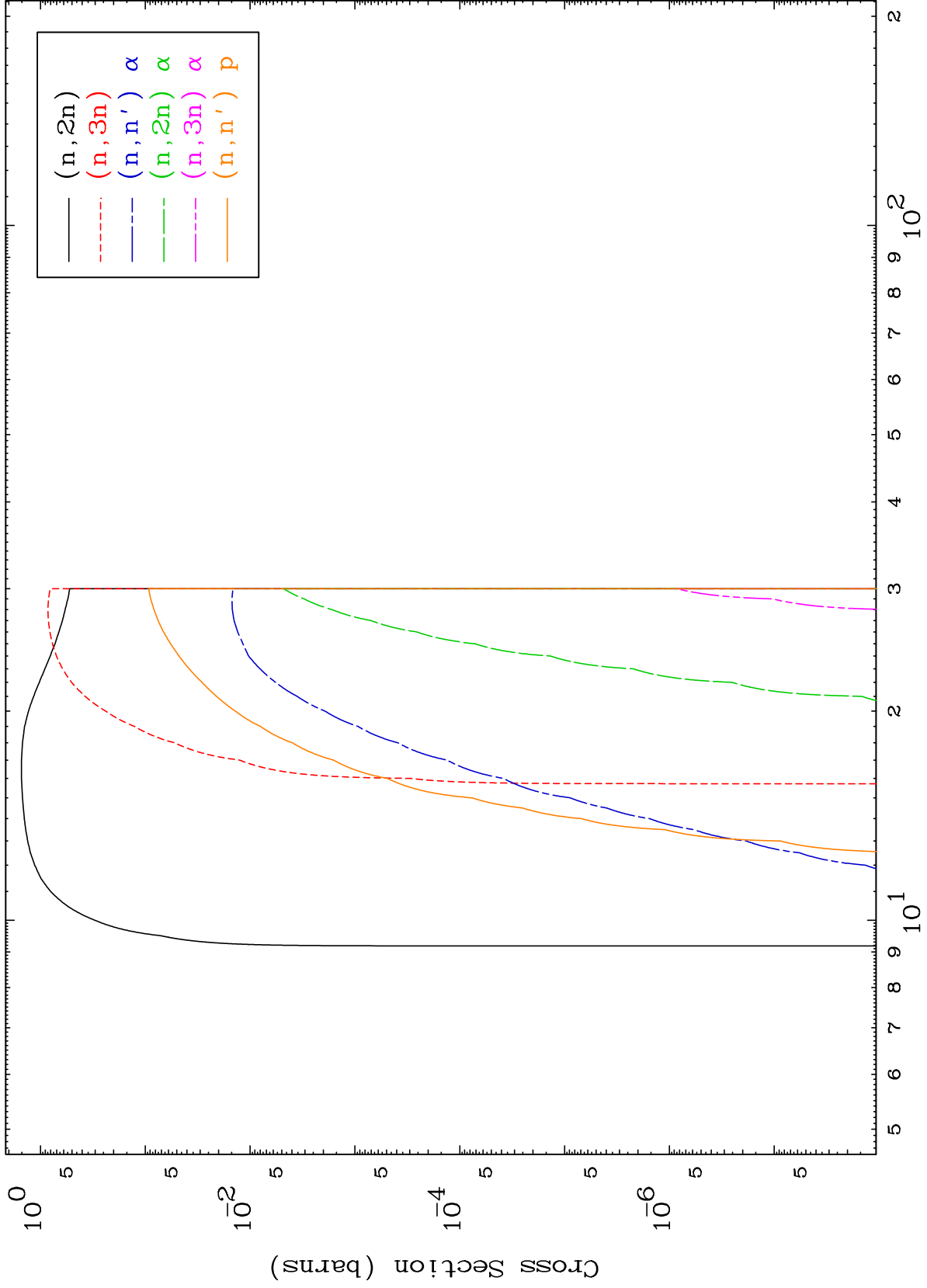
50-Sn-120



MAT 5049

Neutron Production
293 Kelvin Cross Sections

50-Sn-120



2

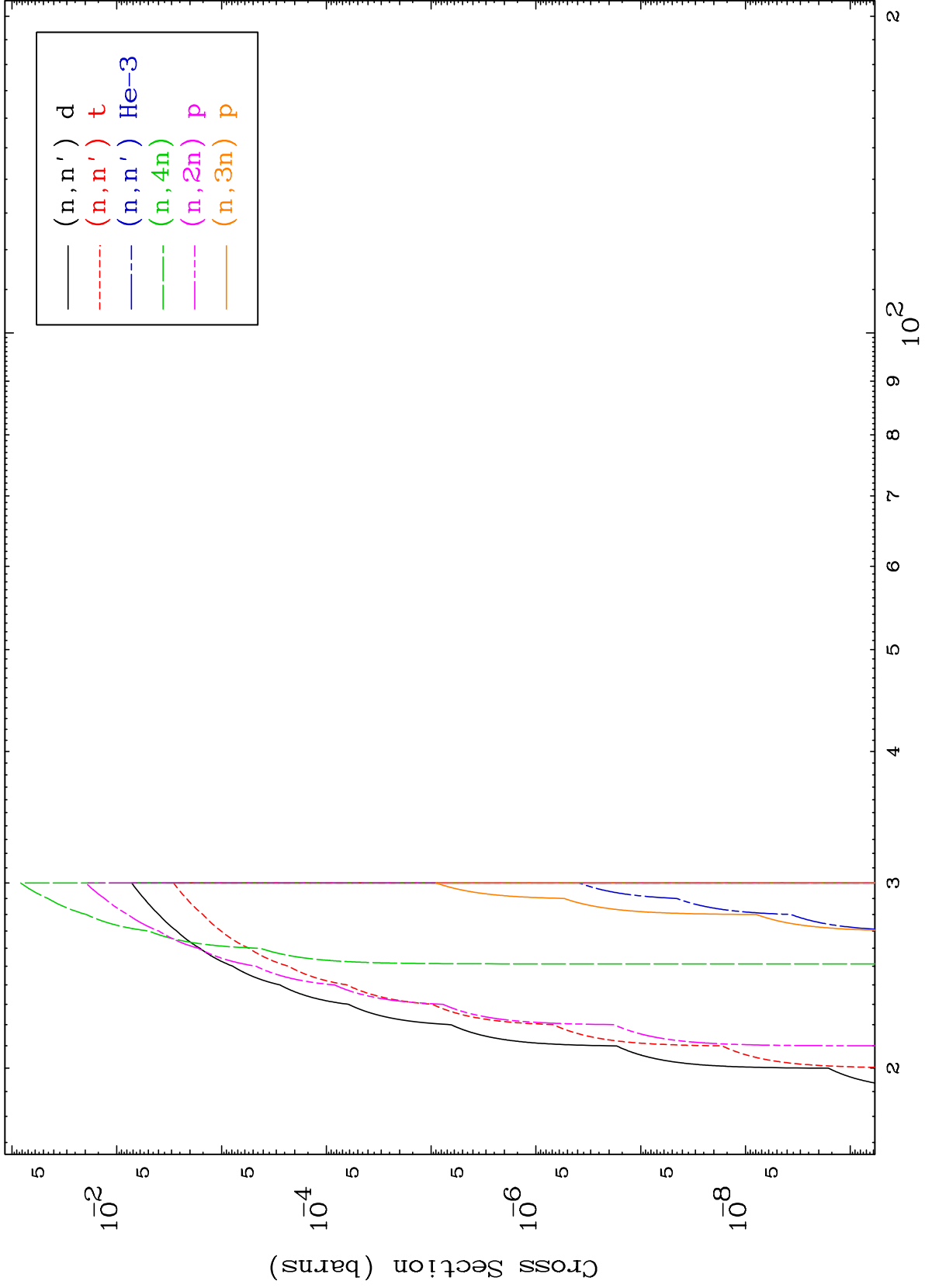
Incident Energy (MeV)

50-Sn-120

MAT 5049

Neutron Production
293 Kelvin Cross Sections

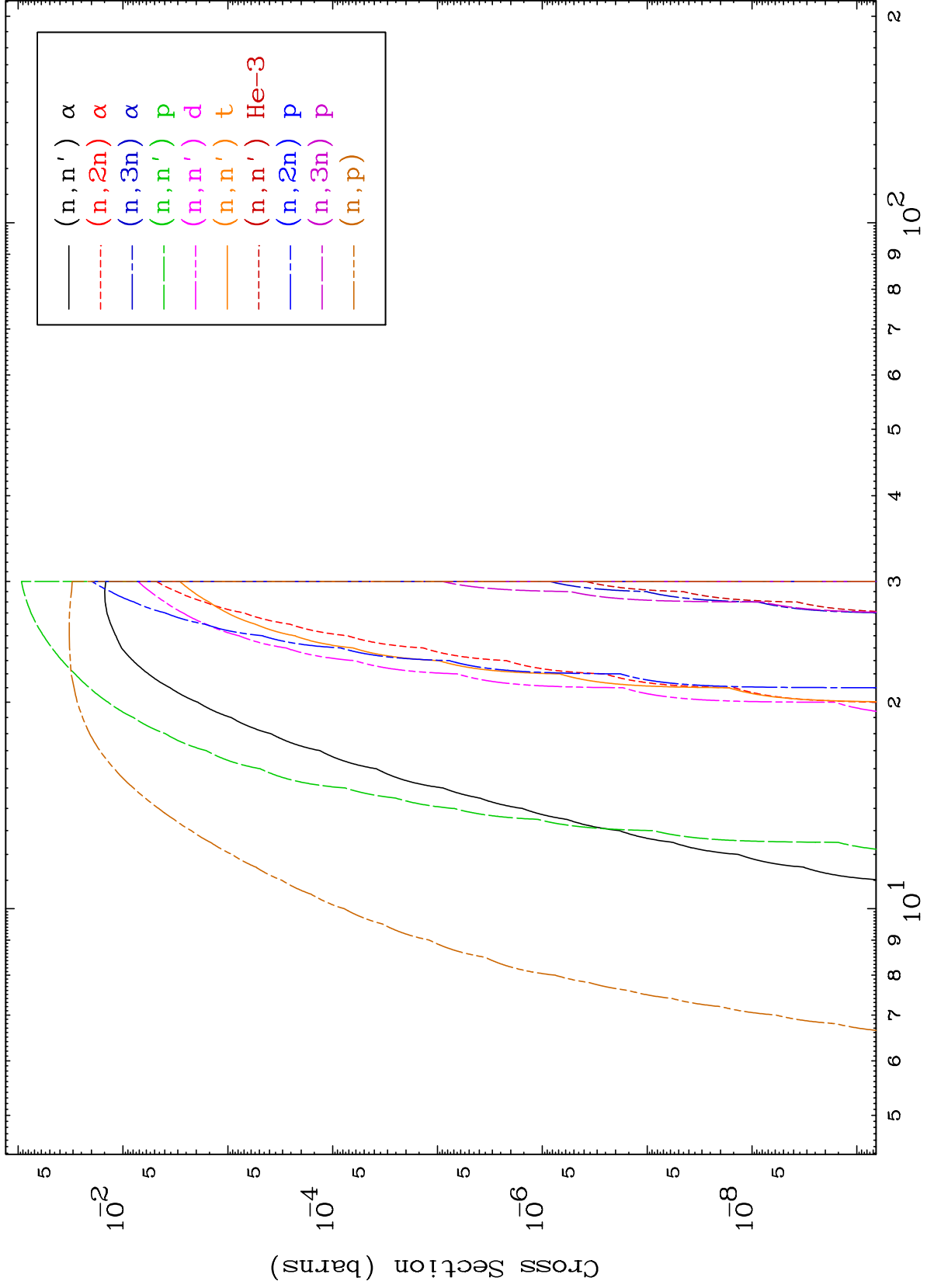
50-Sn-120



3

Incident Energy (MeV)

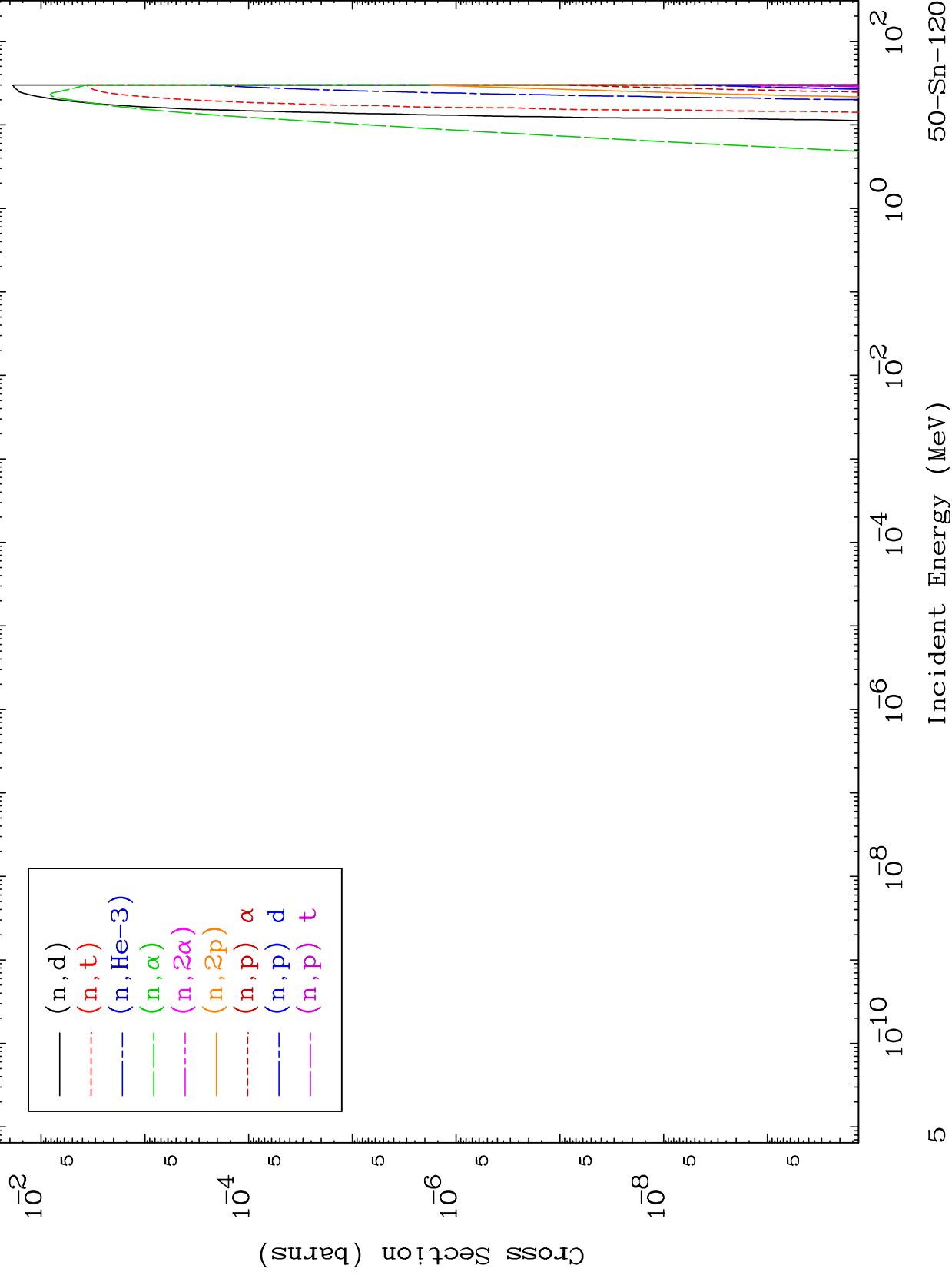
50-Sn-120



MAT 5049

Charged Particle
293 Kelvin Cross Sections

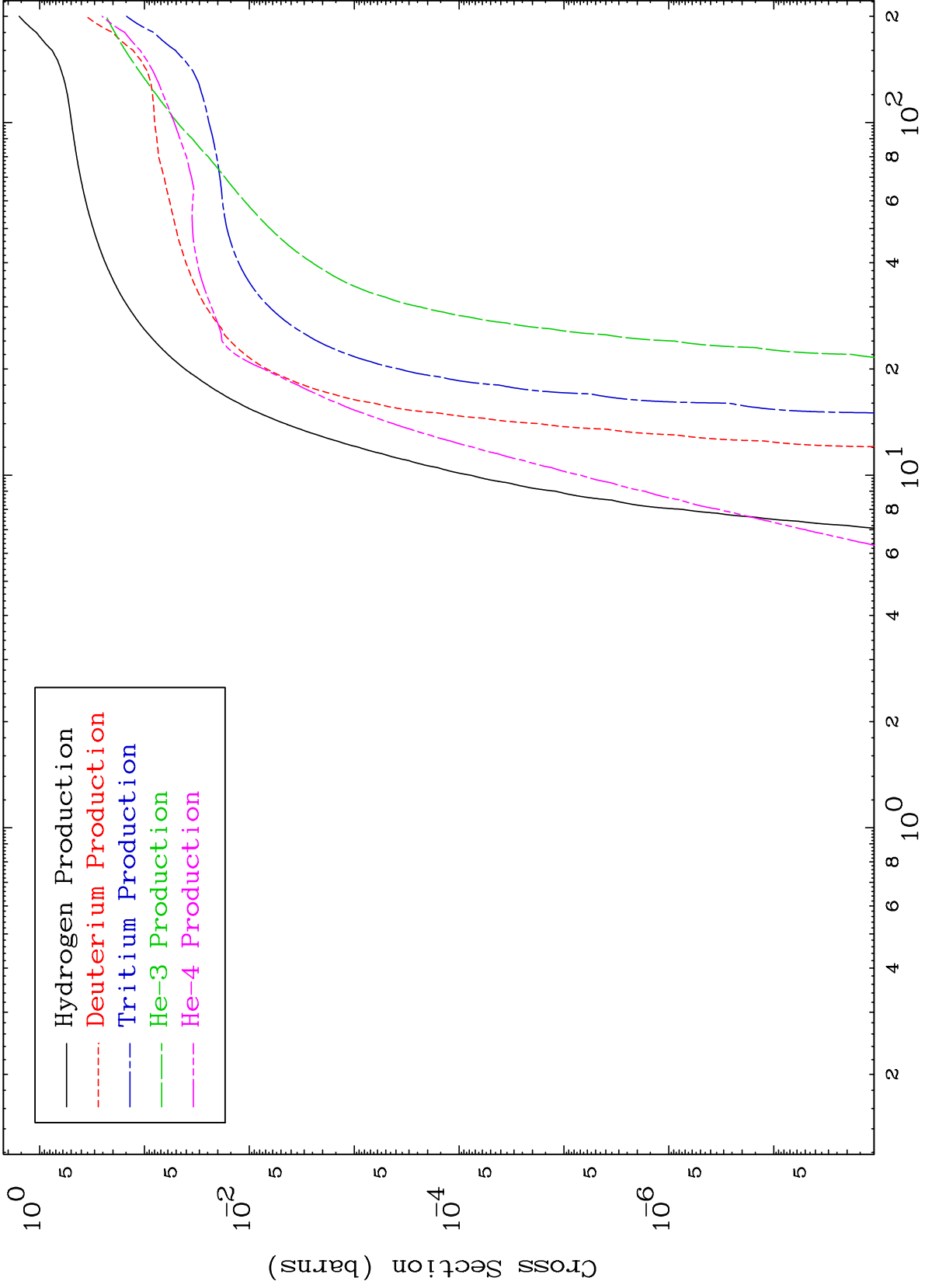
50-Sn-120



MAT 5049

Particle Production
293 Kelvin Cross Sections

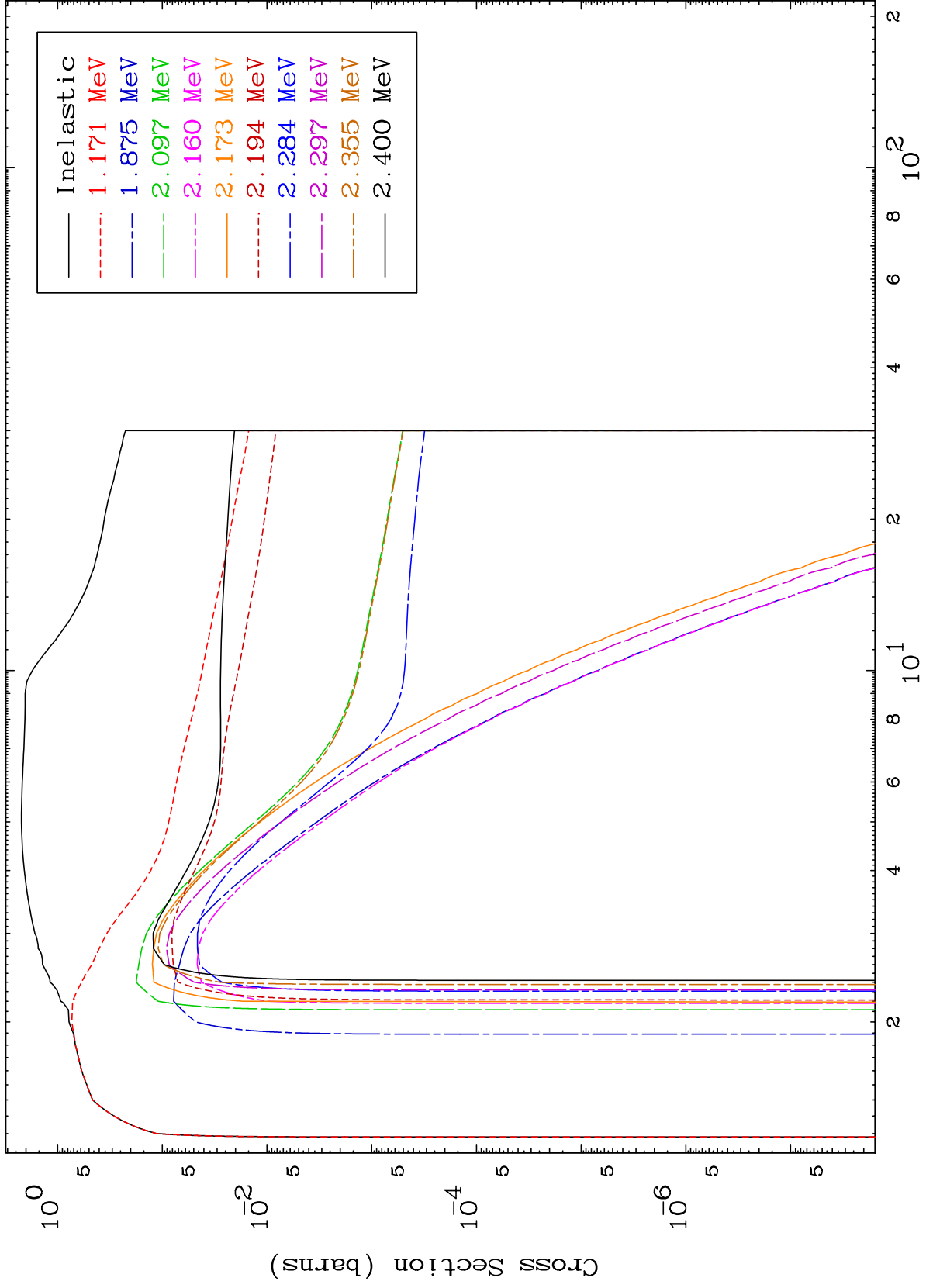
50-Sn-120



MAT 5049

(n,n') Level
293 Kelvin Cross Sections

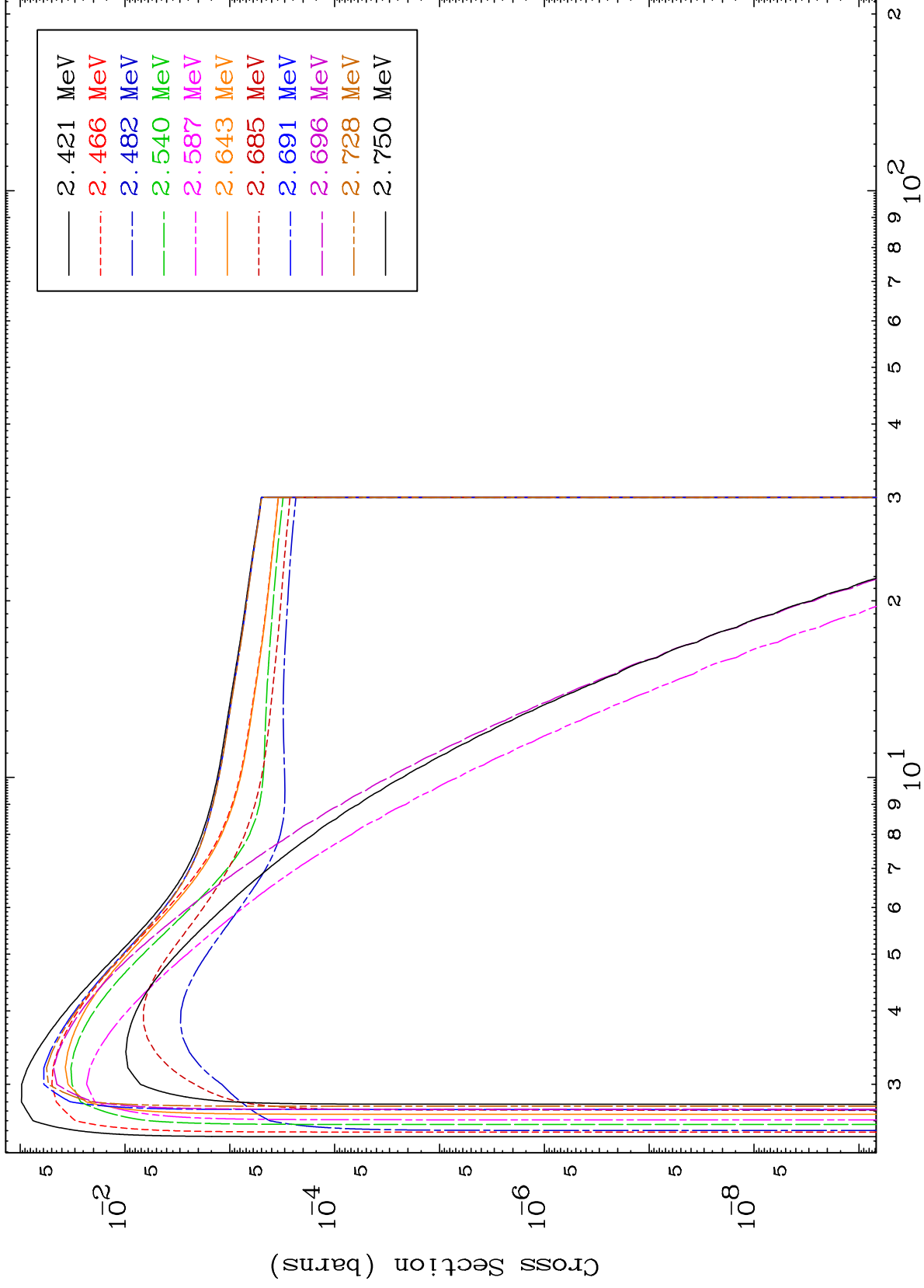
50-Sn-120



MAT 5049

(n,n') Level
293 Kelvin Cross Sections

50-Sn-120



8

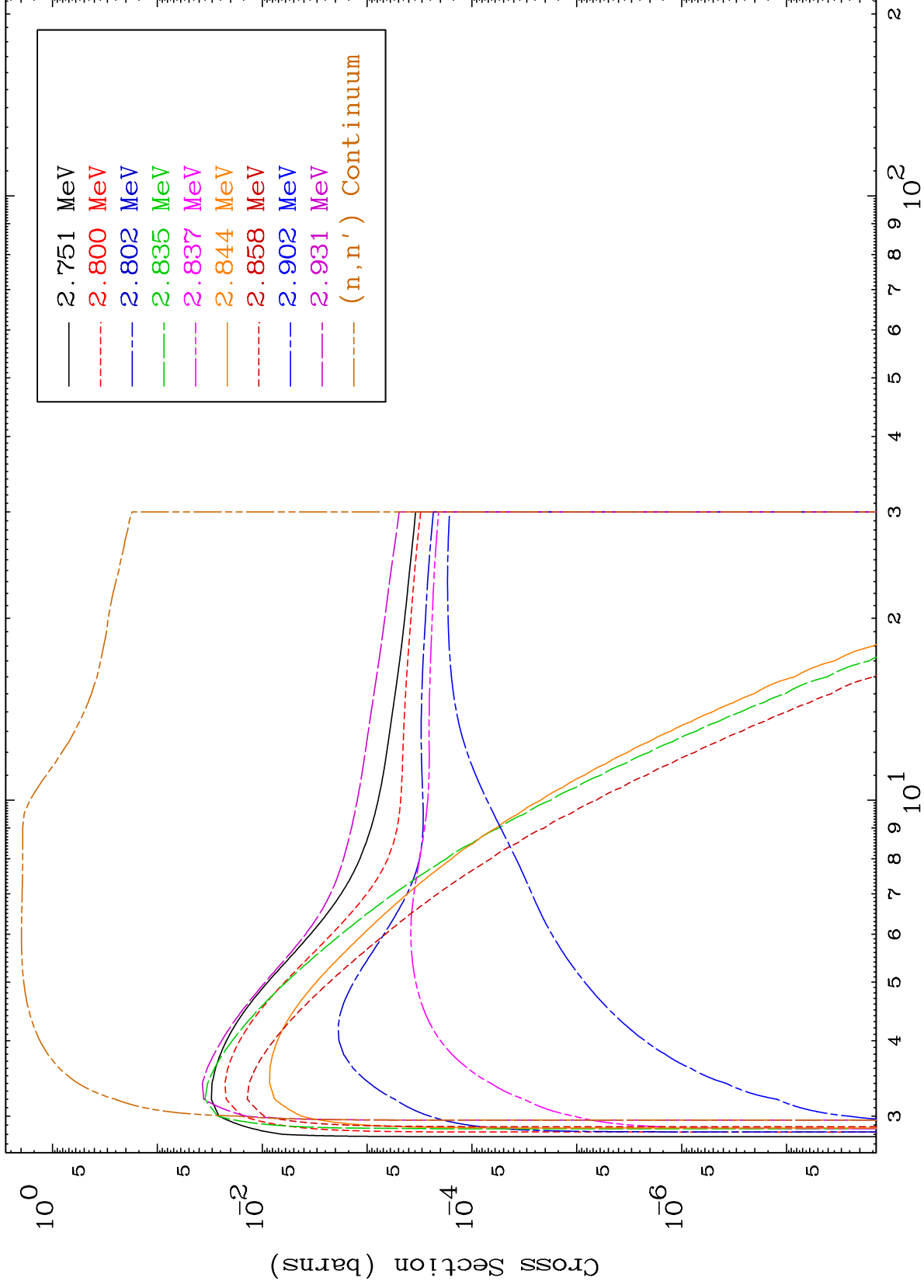
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,n') Level
293 Kelvin Cross Sections

50-Sn-120



9

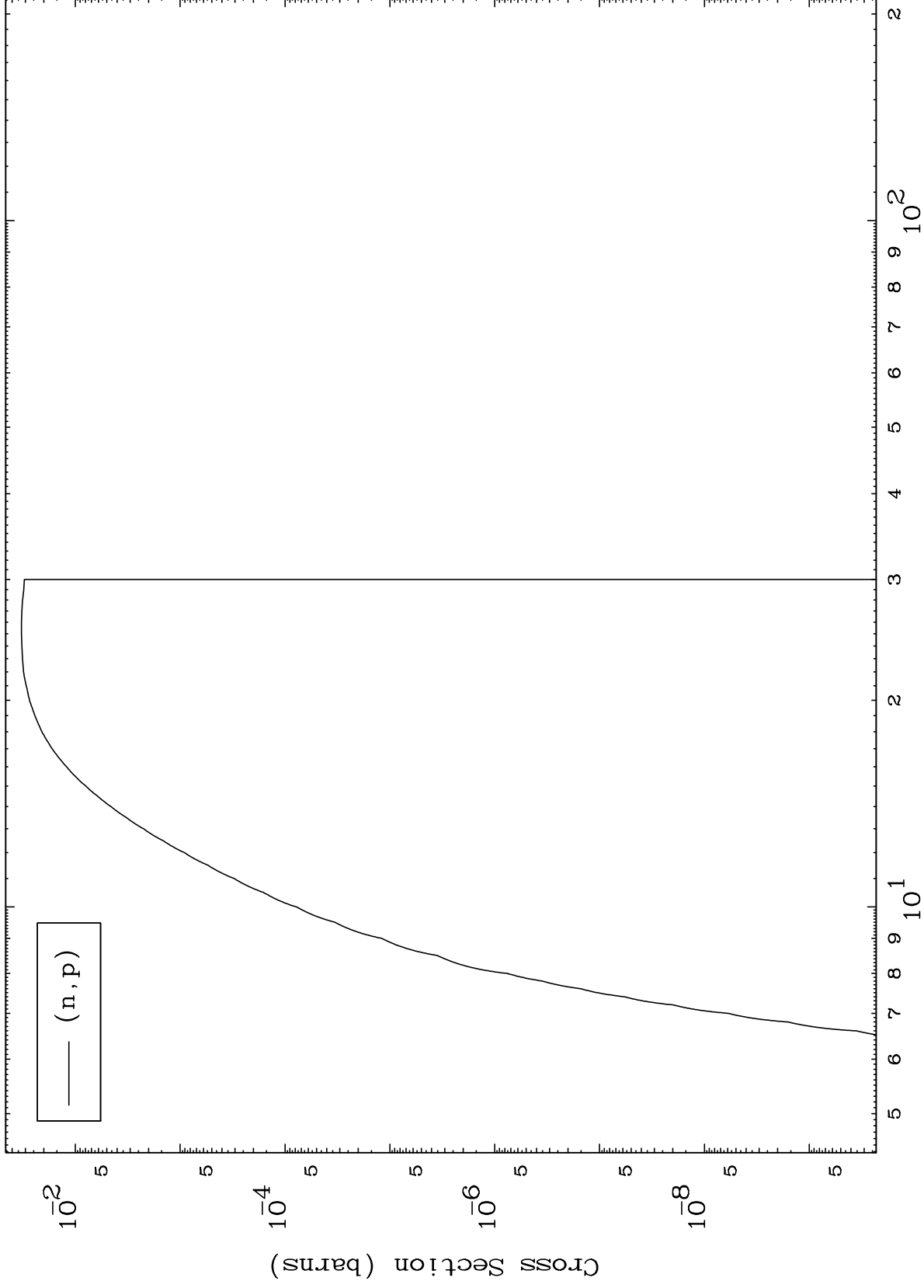
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,p) Levels
293 Kelvin Cross Sections

50-Sn-120



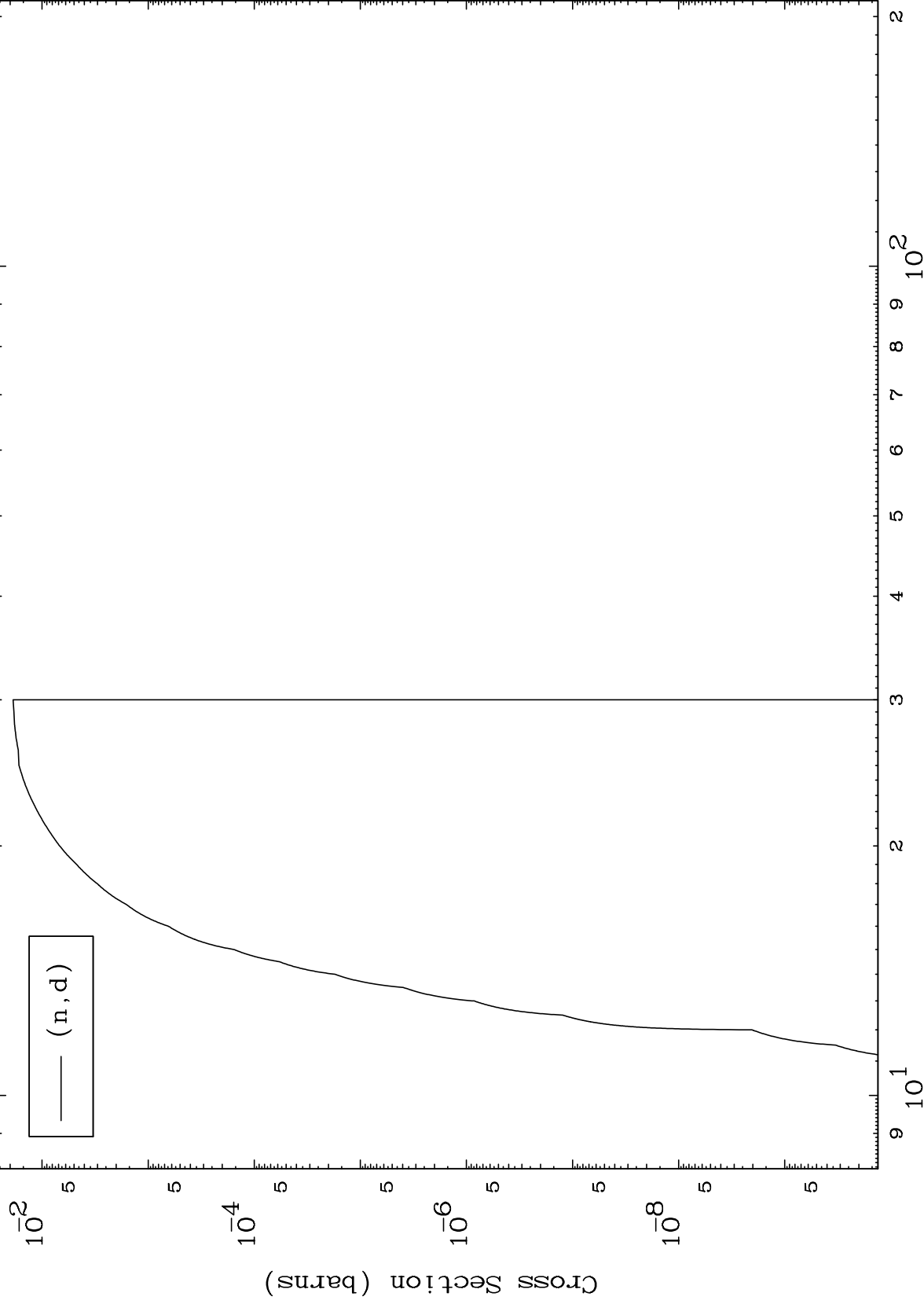
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,d) Levels
293 Kelvin Cross Sections

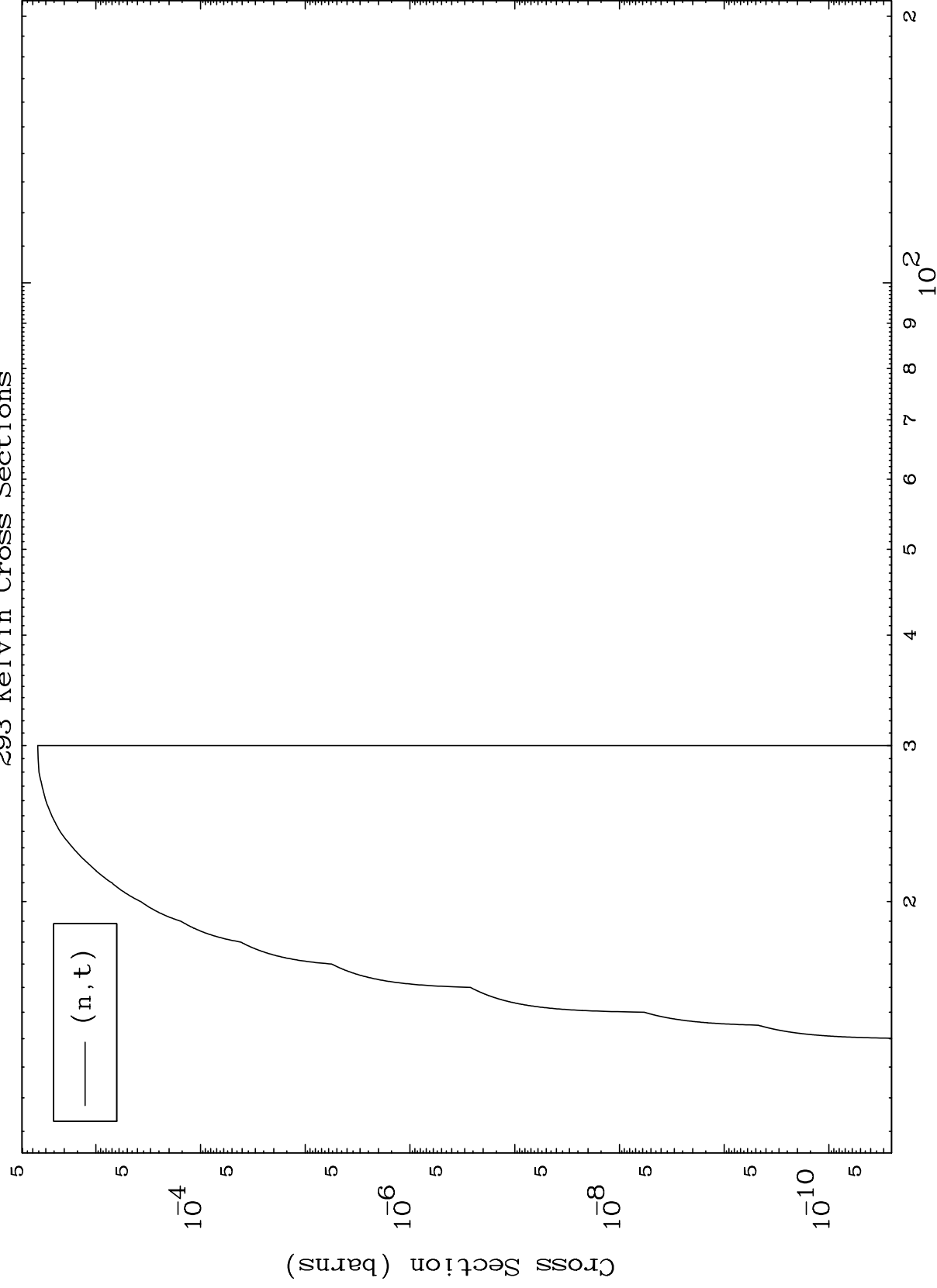
50-Sn-120



MAT 5049

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-120



Incident Energy (MeV)

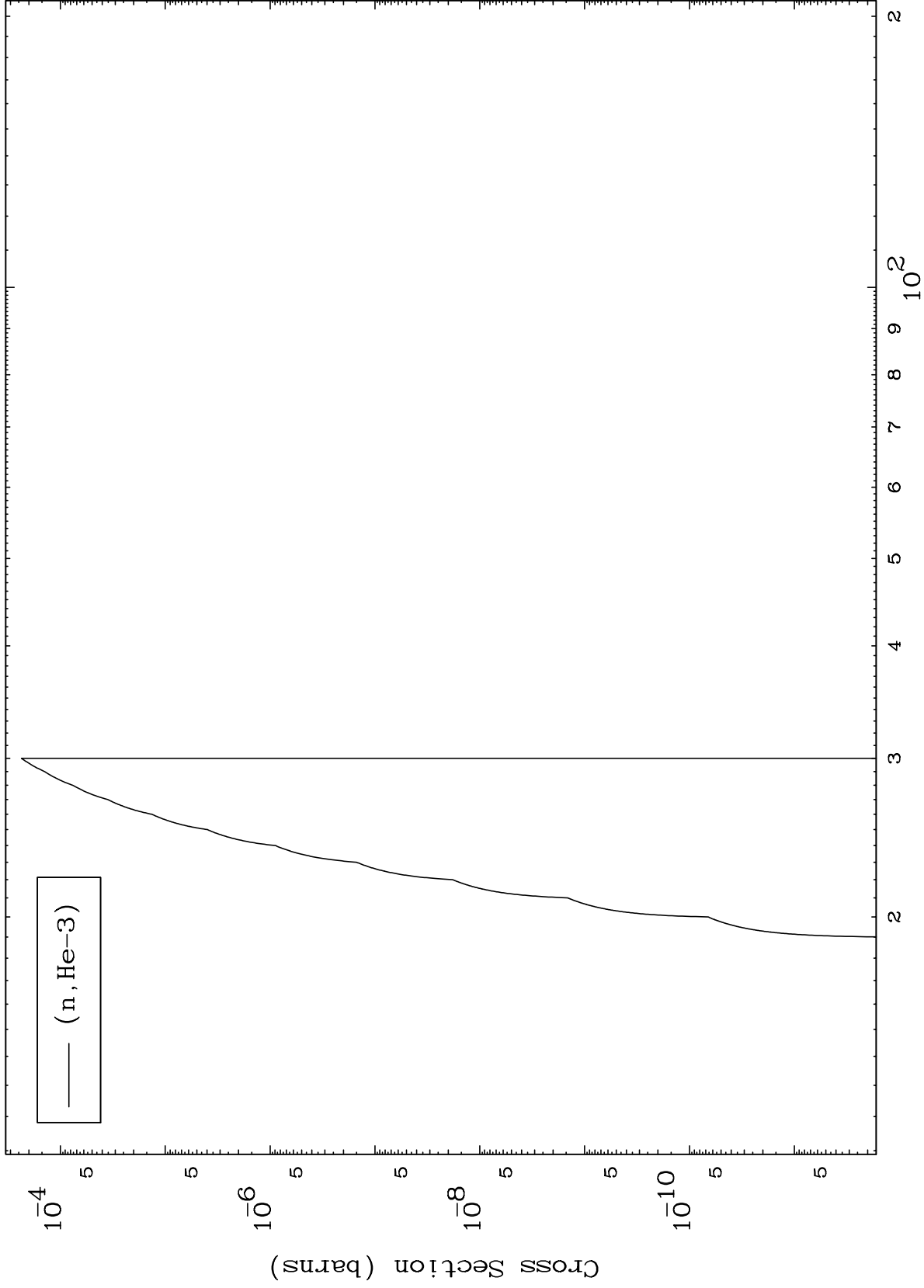
50-Sn-120

12

MAT 5049

(n,He3) Levels
293 Kelvin Cross Sections

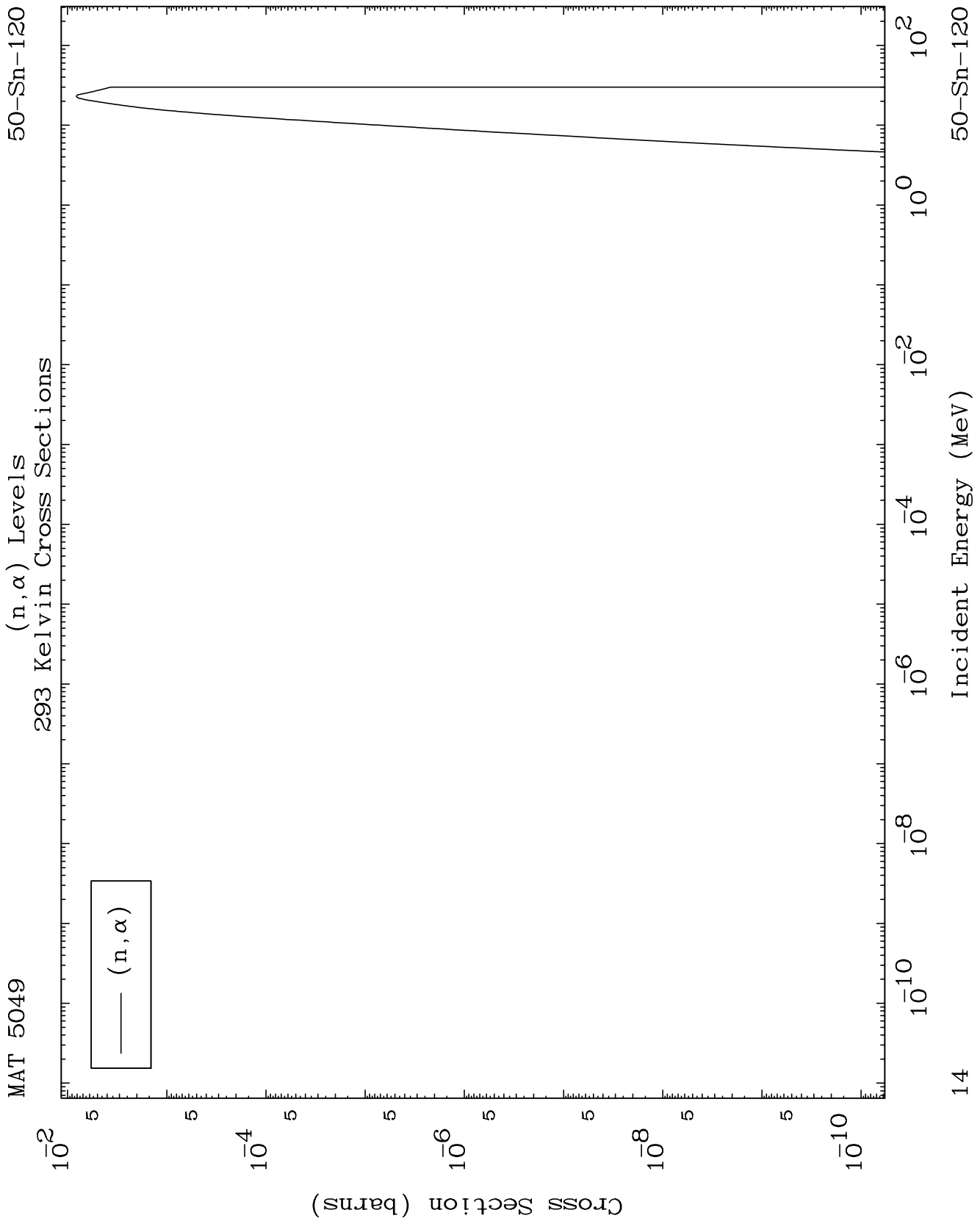
50-Sn-120

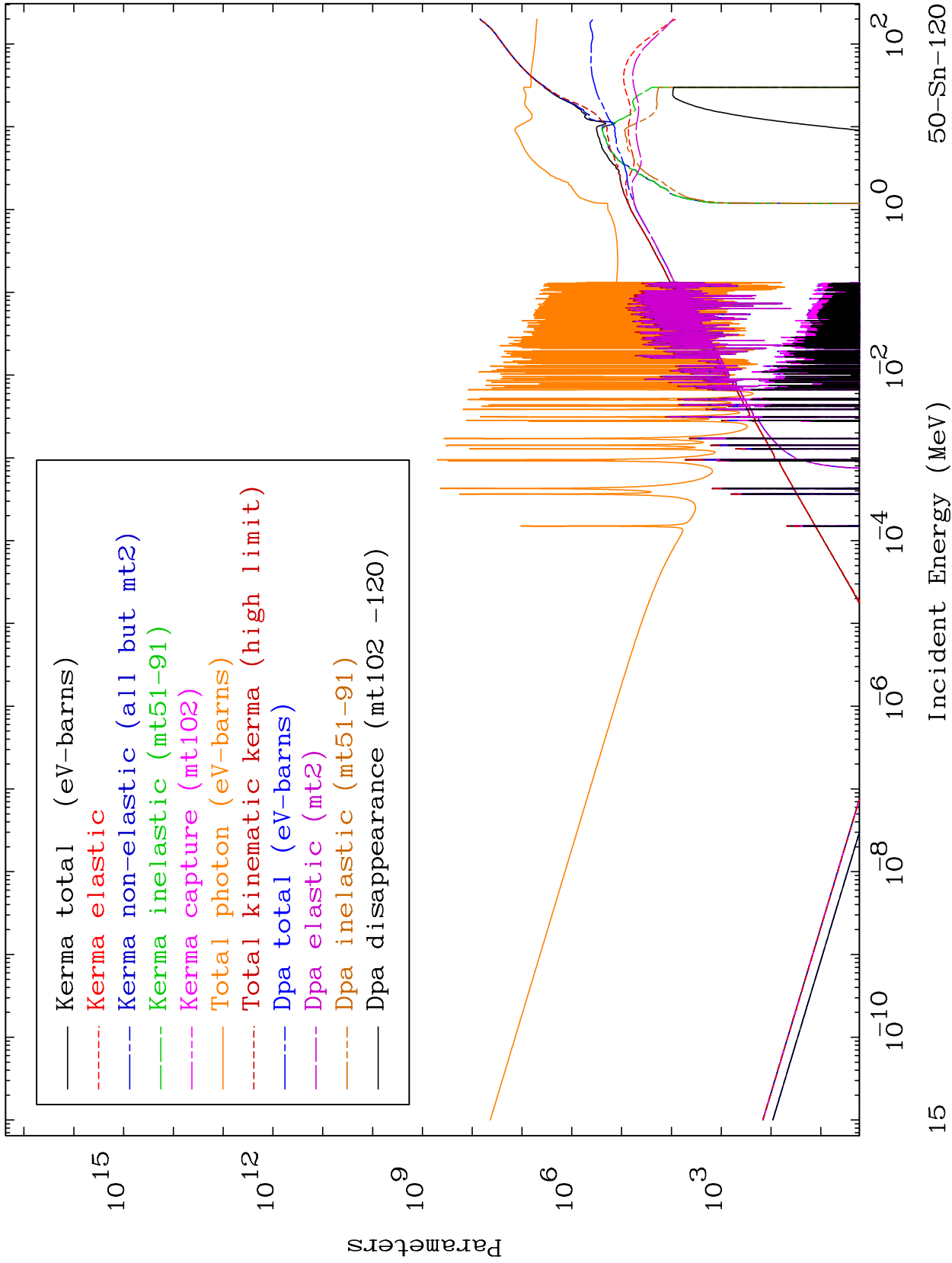


13

Incident Energy (MeV)

50-Sn-120





MAT 5049

Elastic Legendre Coefficients

50-Sn-120



16

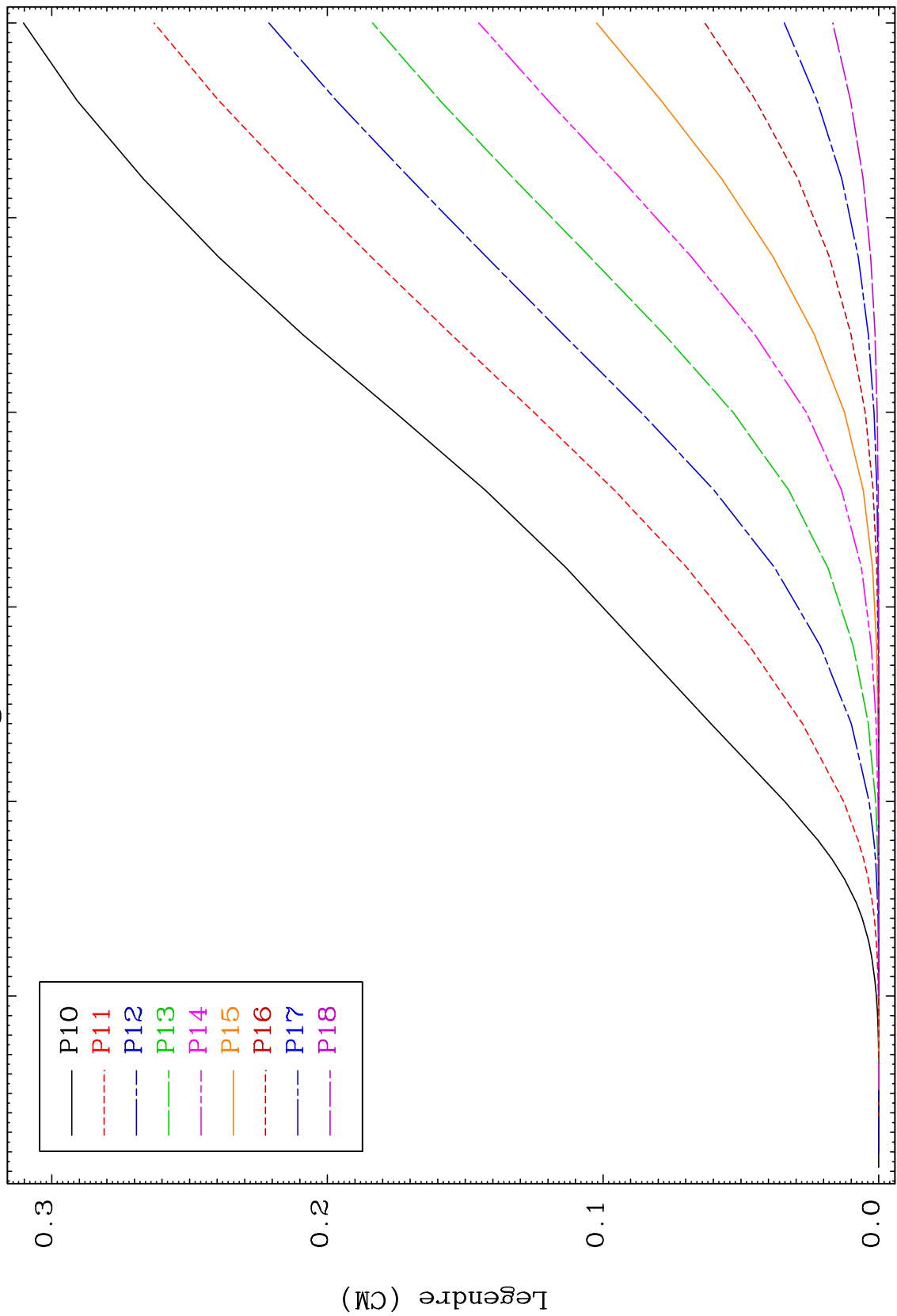
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



17

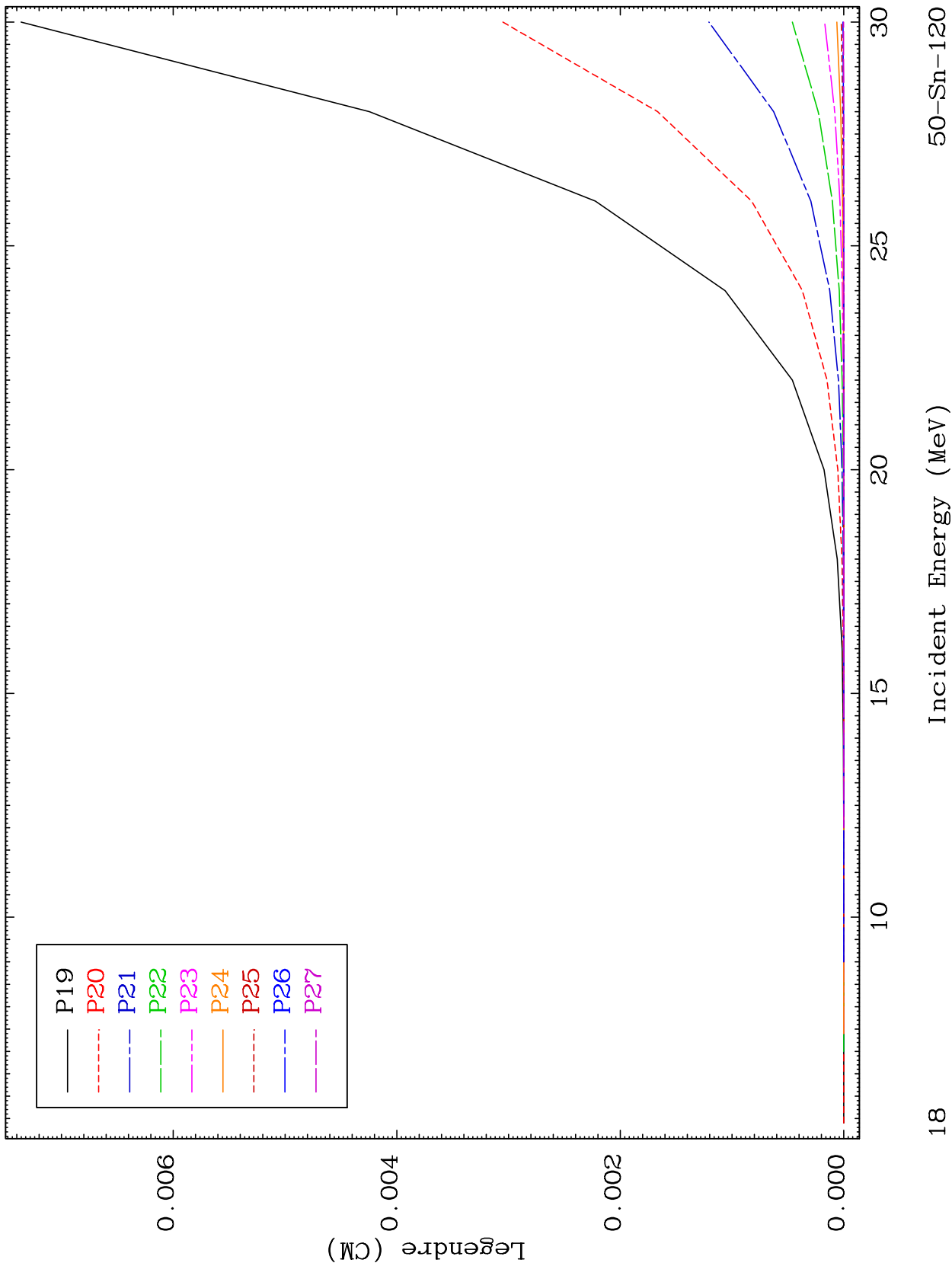
Incident Energy (MeV)

50-Sn-120

MAT 5049

Elastic Legendre Coefficients

50-Sn-120



18

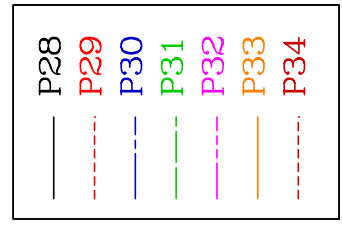
Incident Energy (MeV)

50-Sn-120

MAT 5049

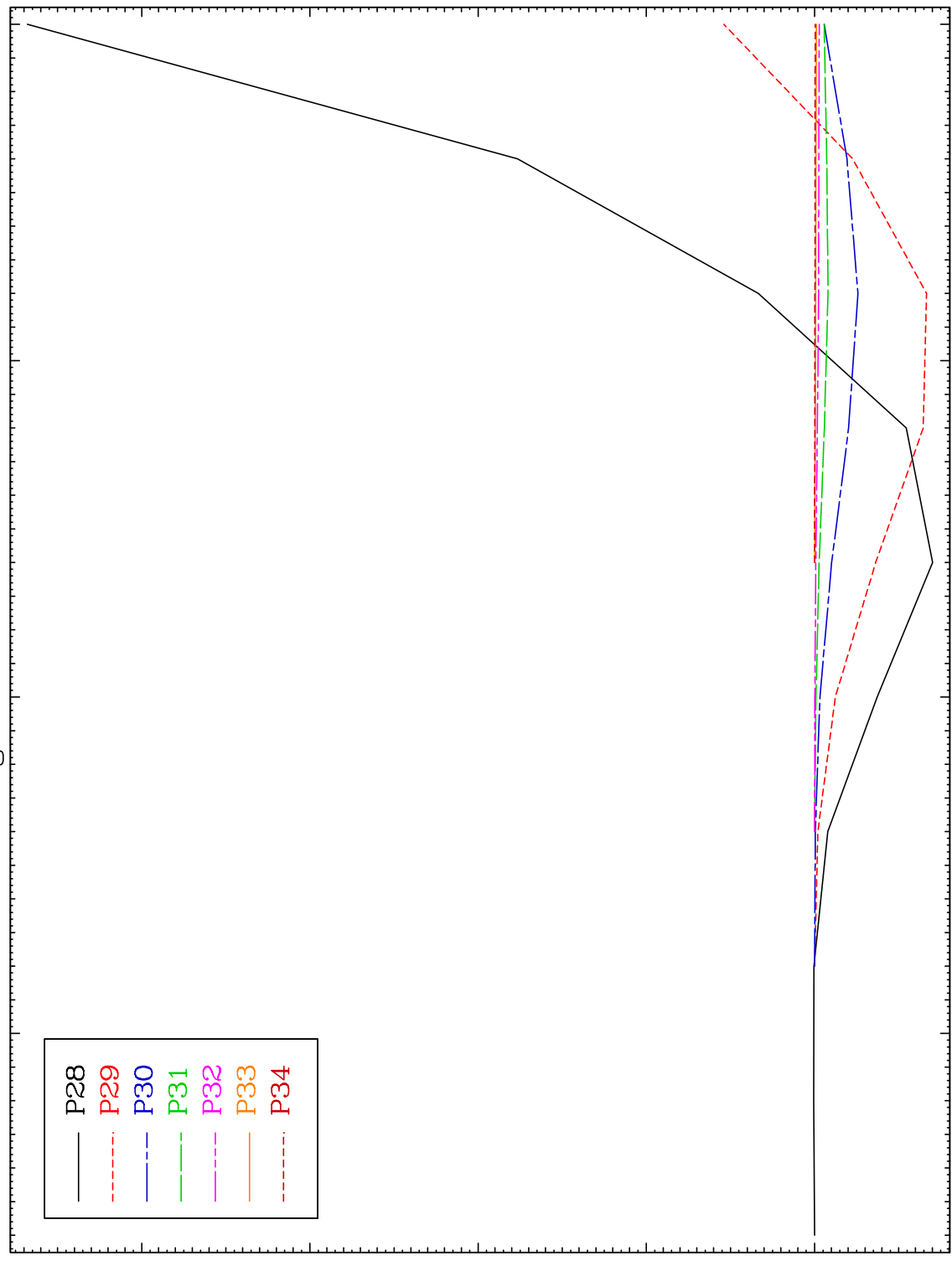
Elastic
Legendre Coefficients

50-Sn-120



$\times 10^{-7}$

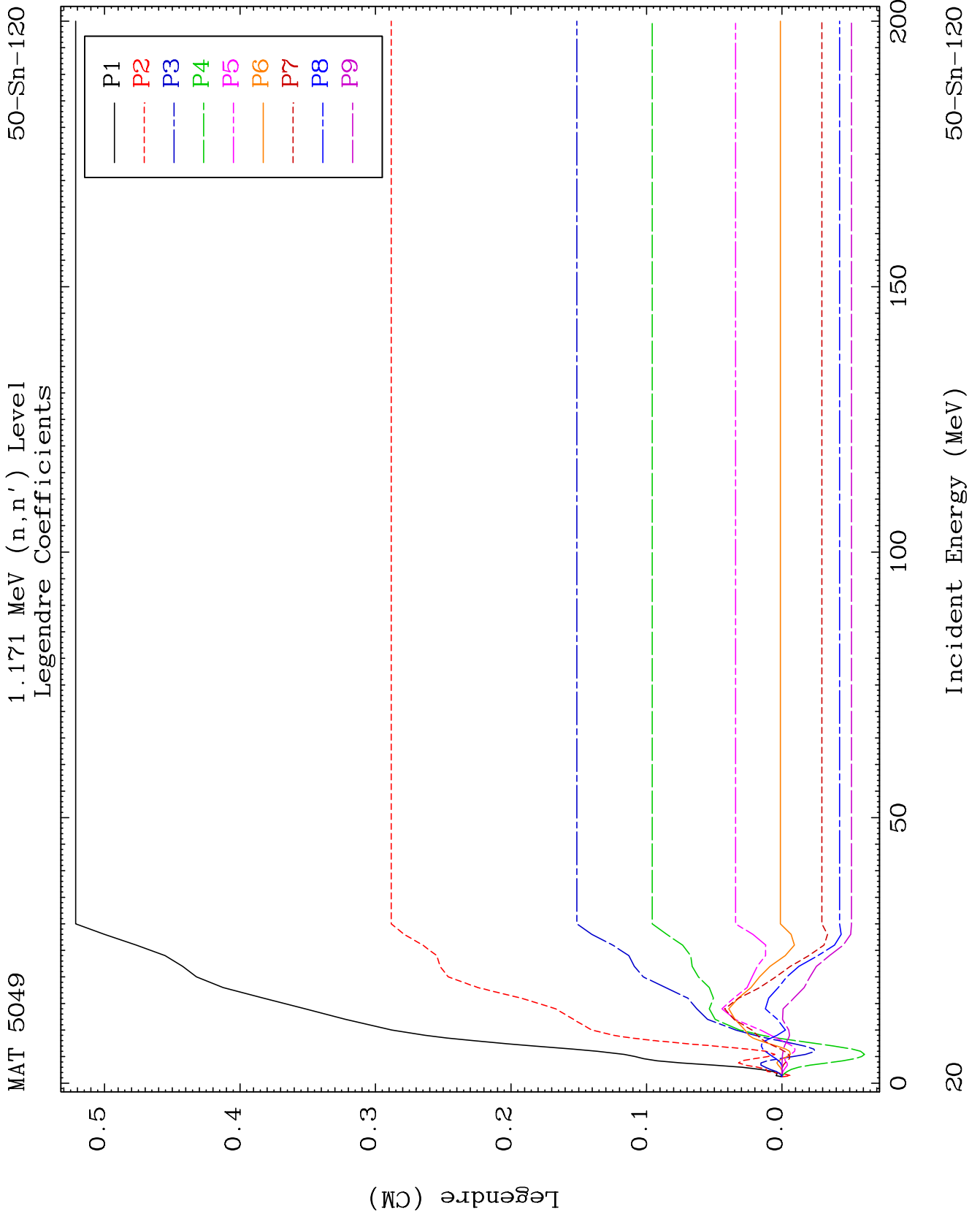
Legendre (CM)

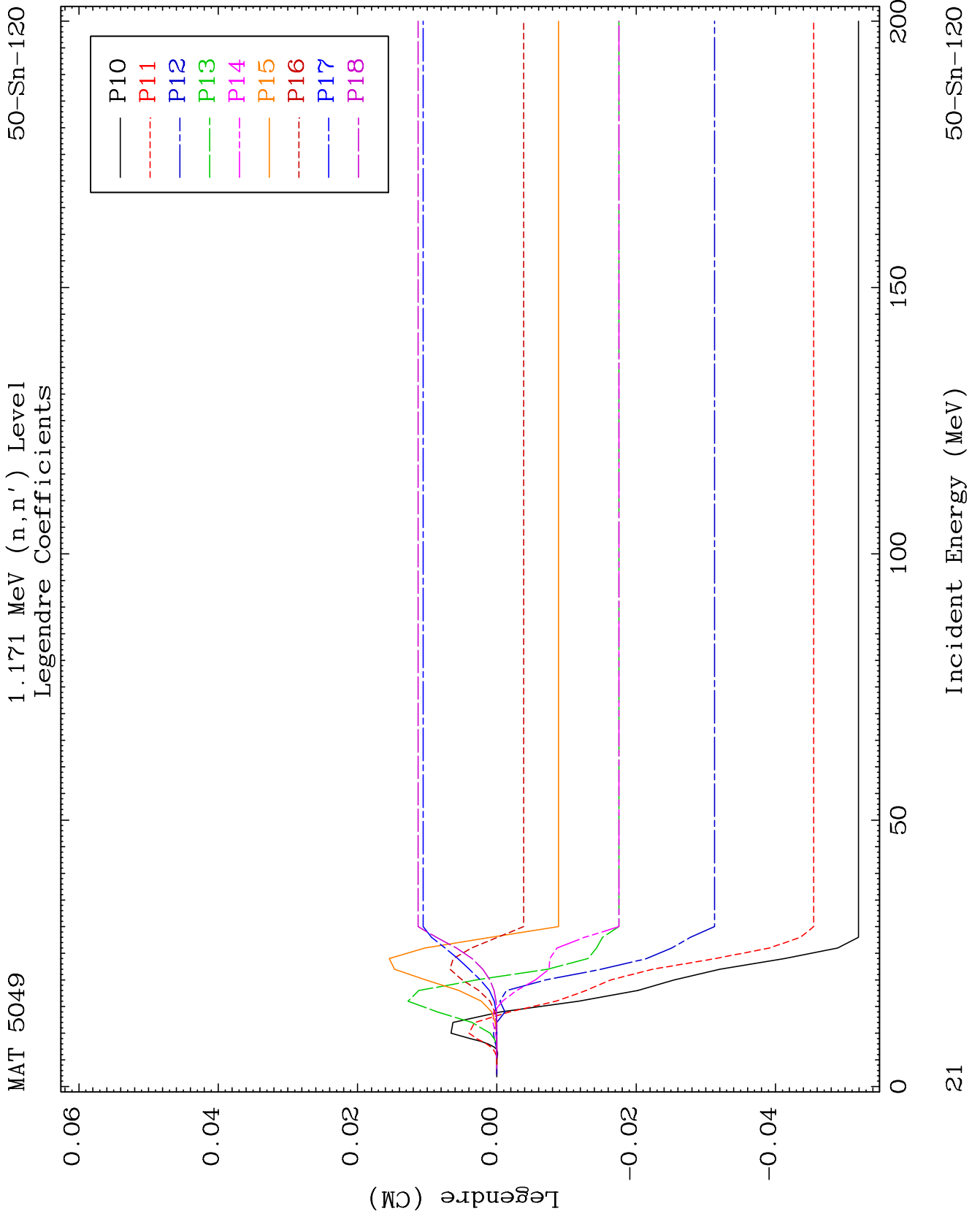


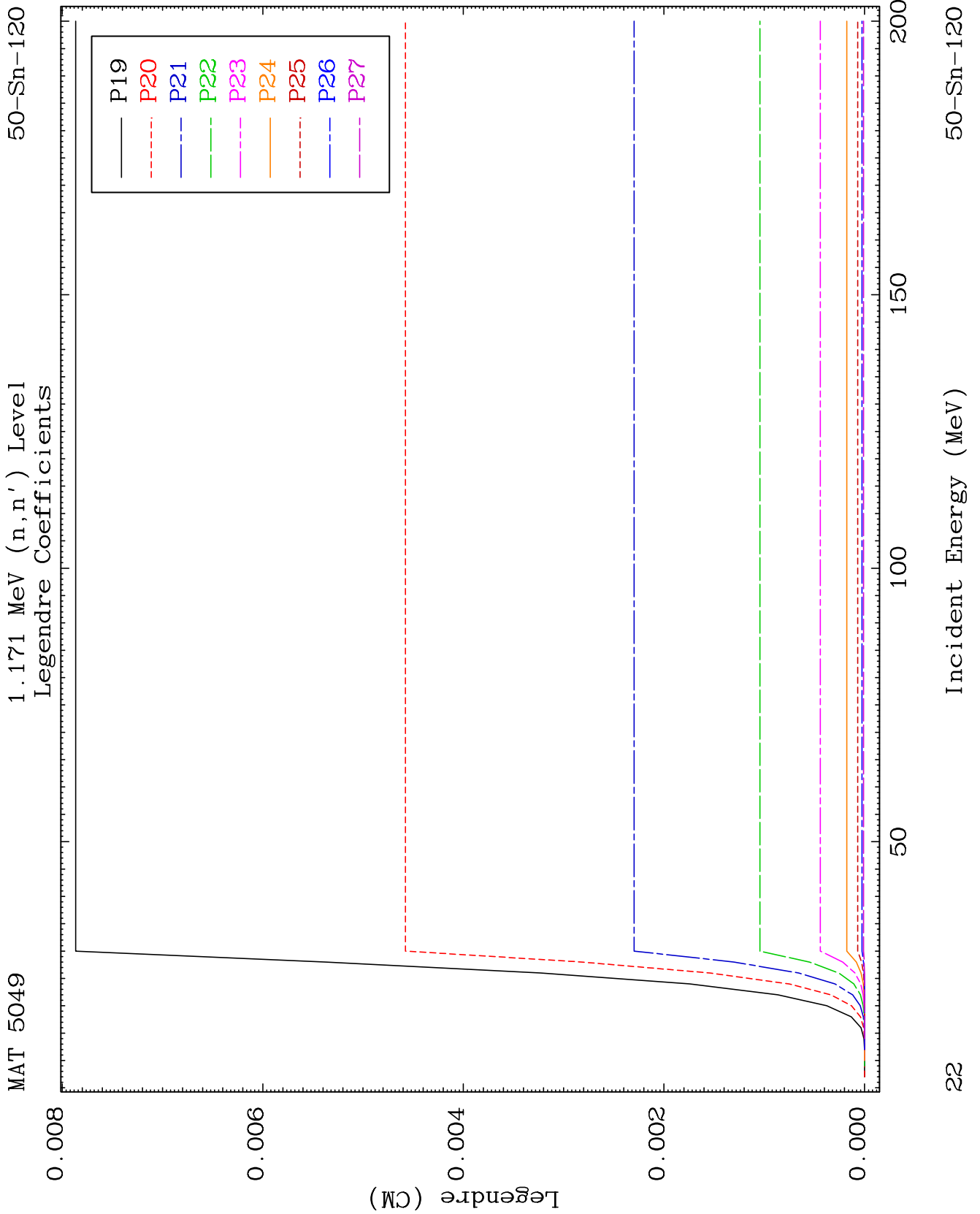
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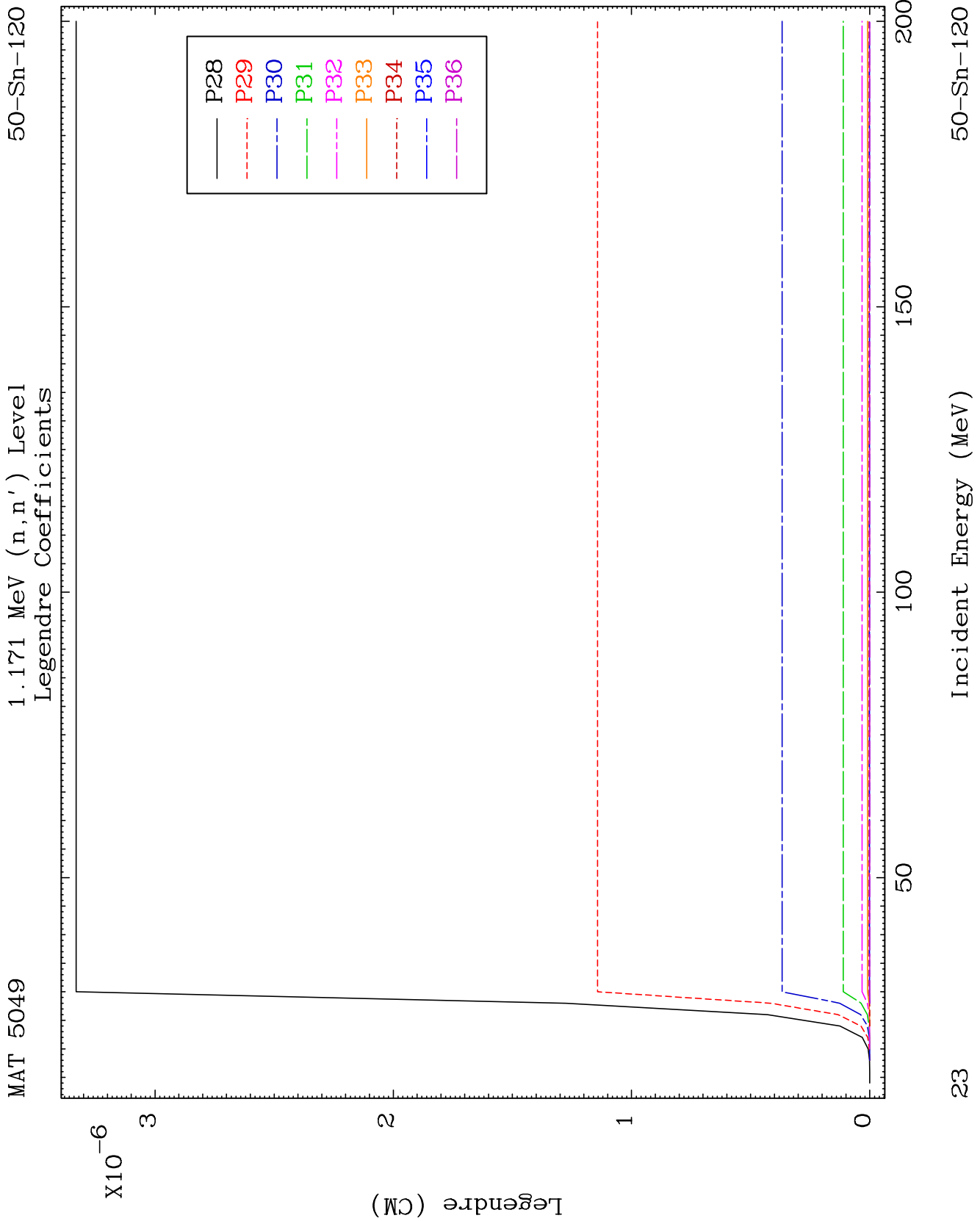
Incident Energy (MeV)

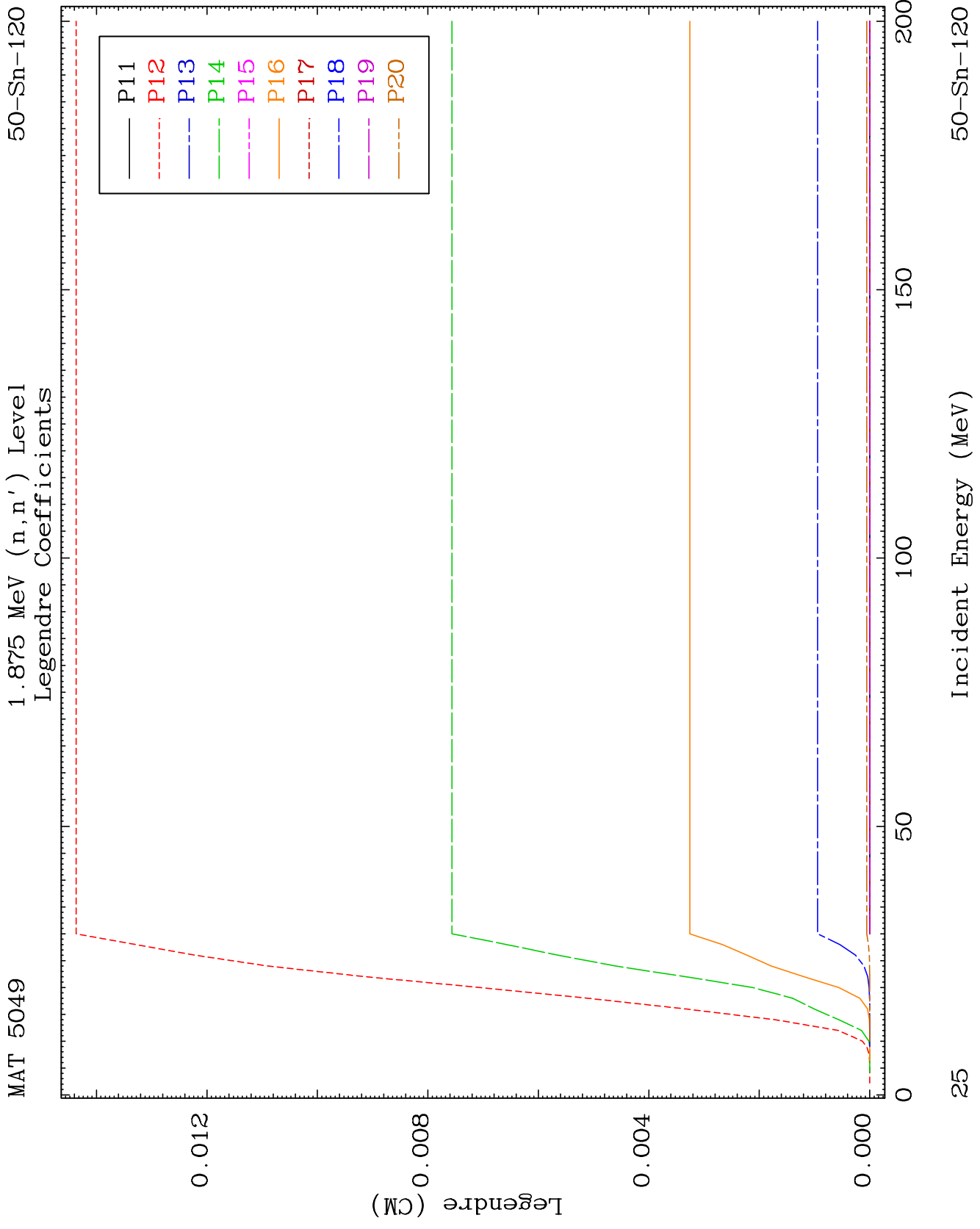
50-Sn-120

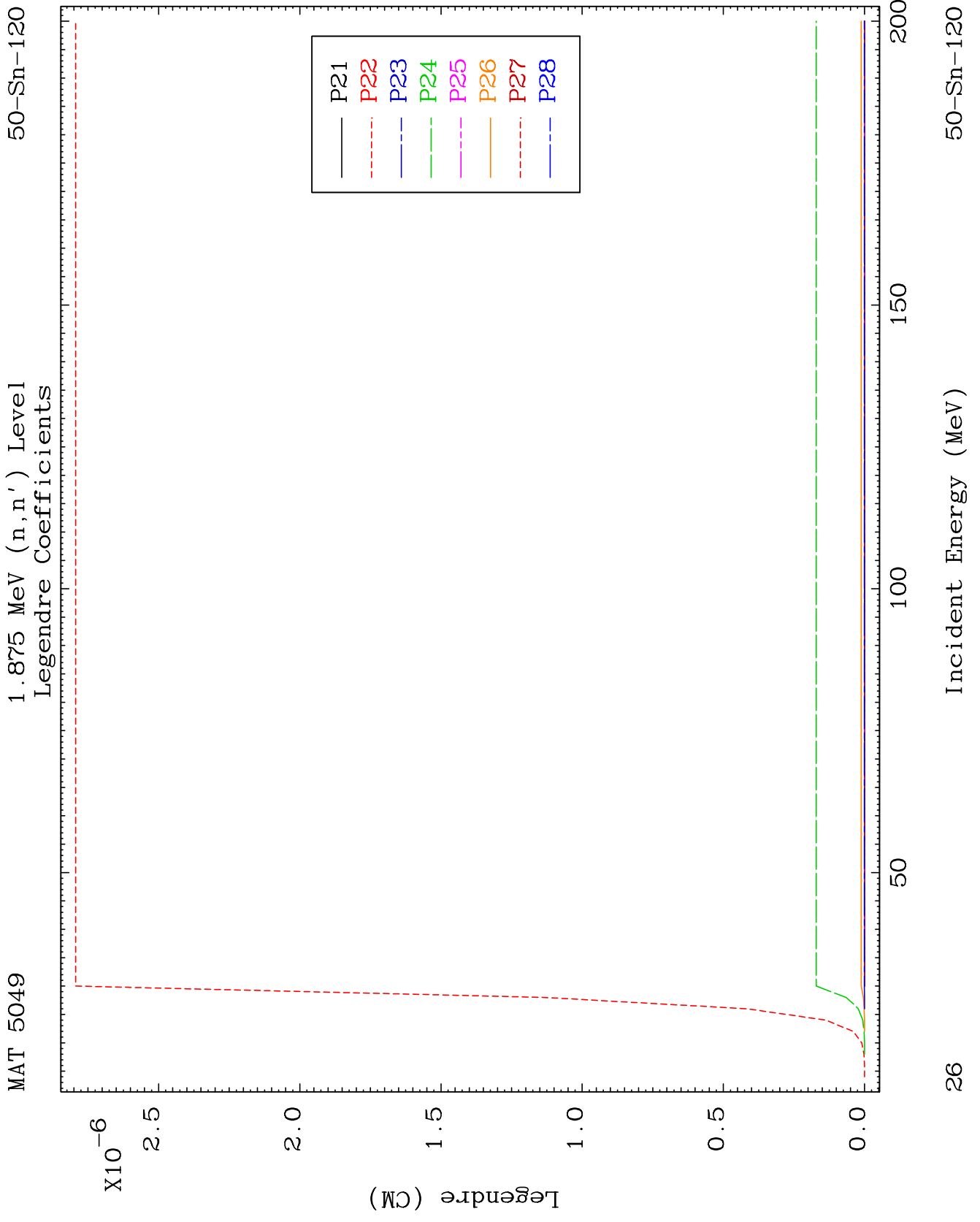


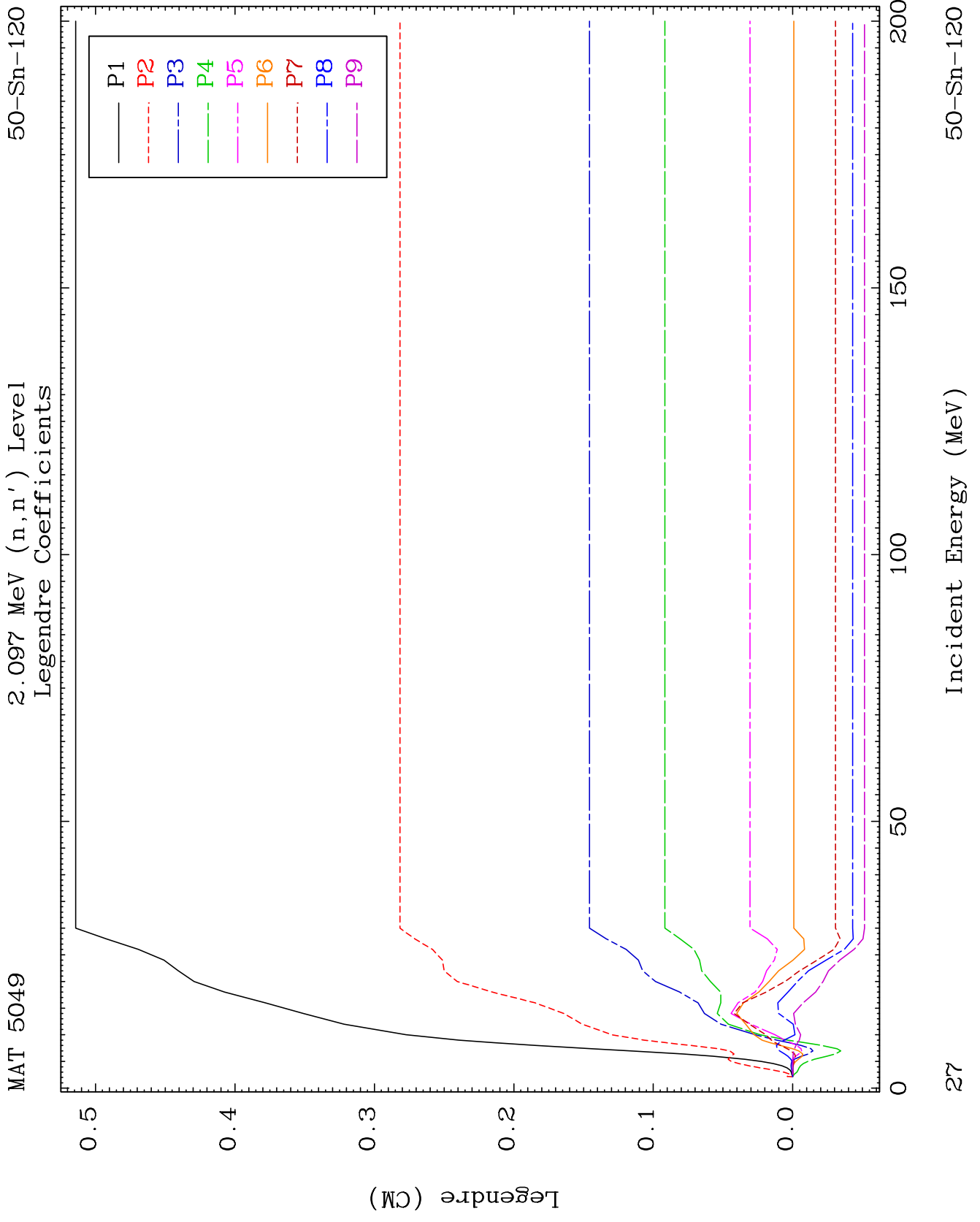


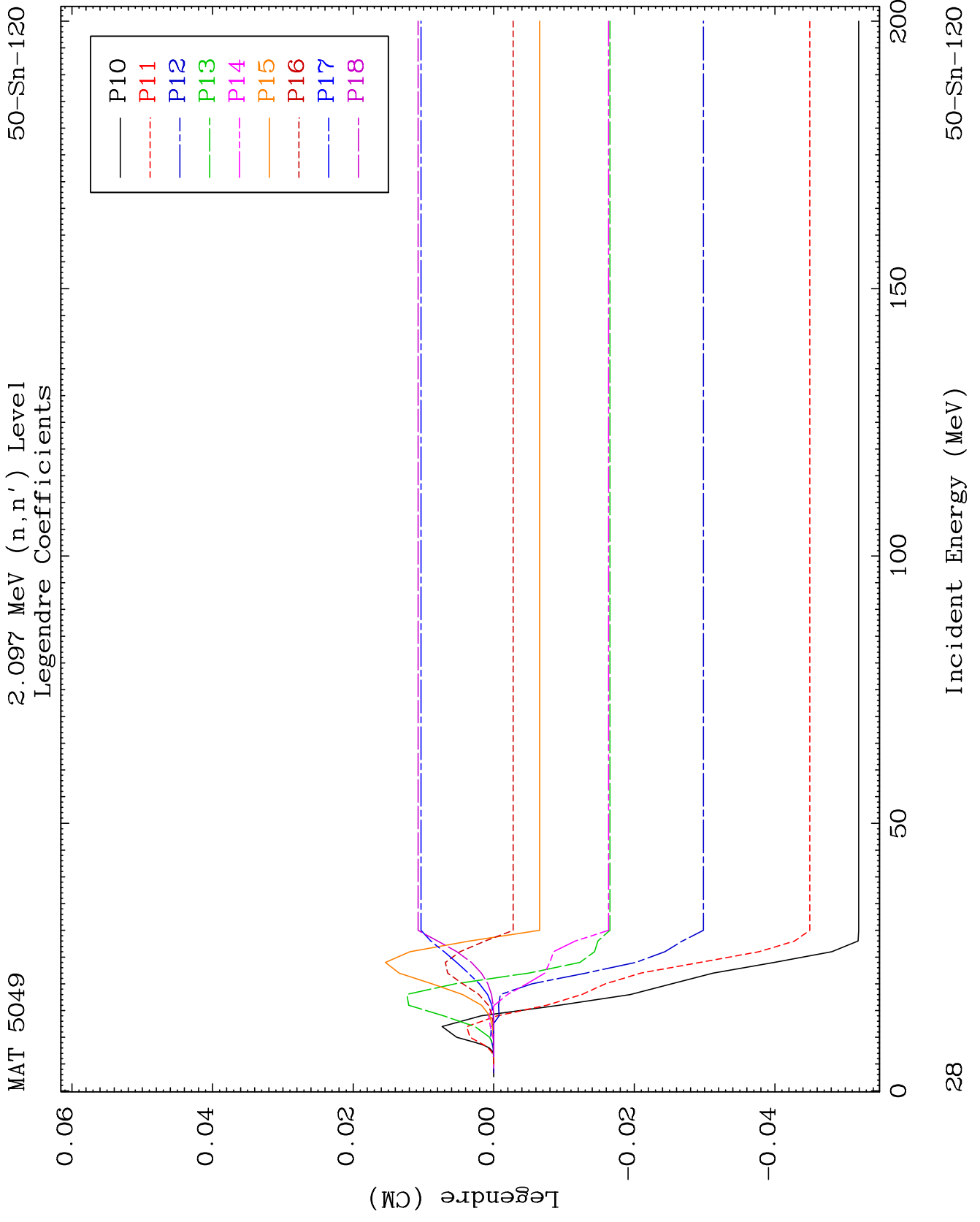


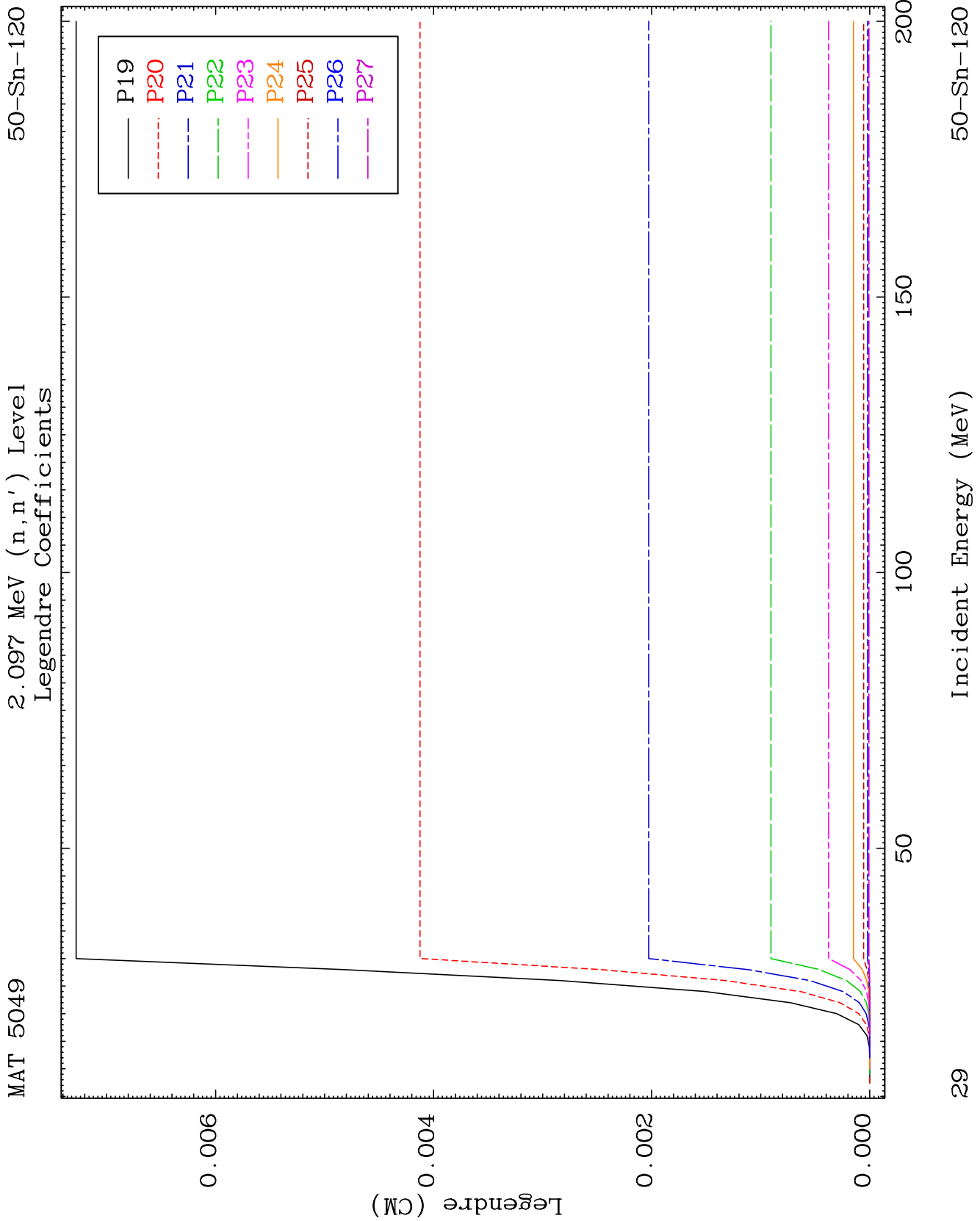


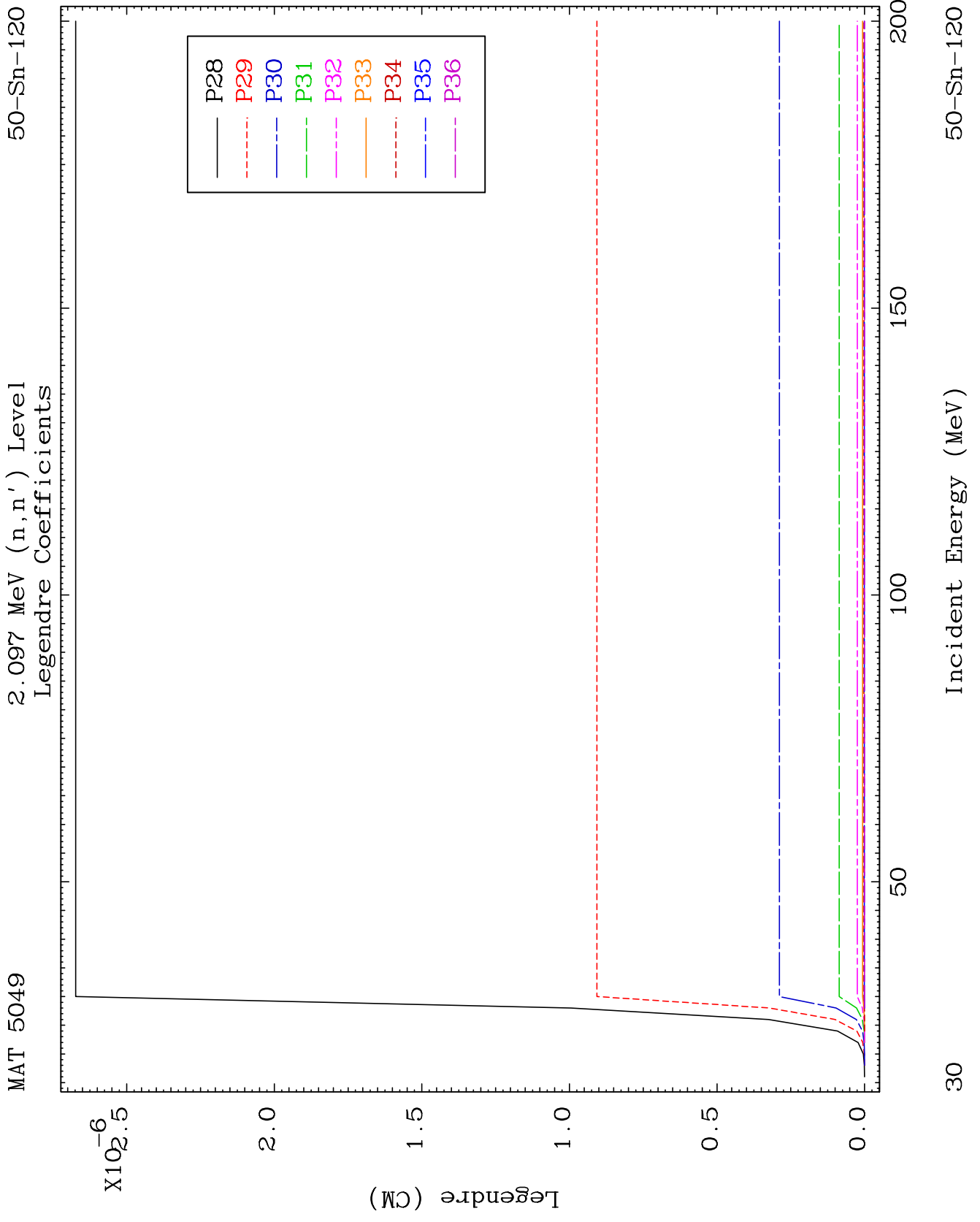


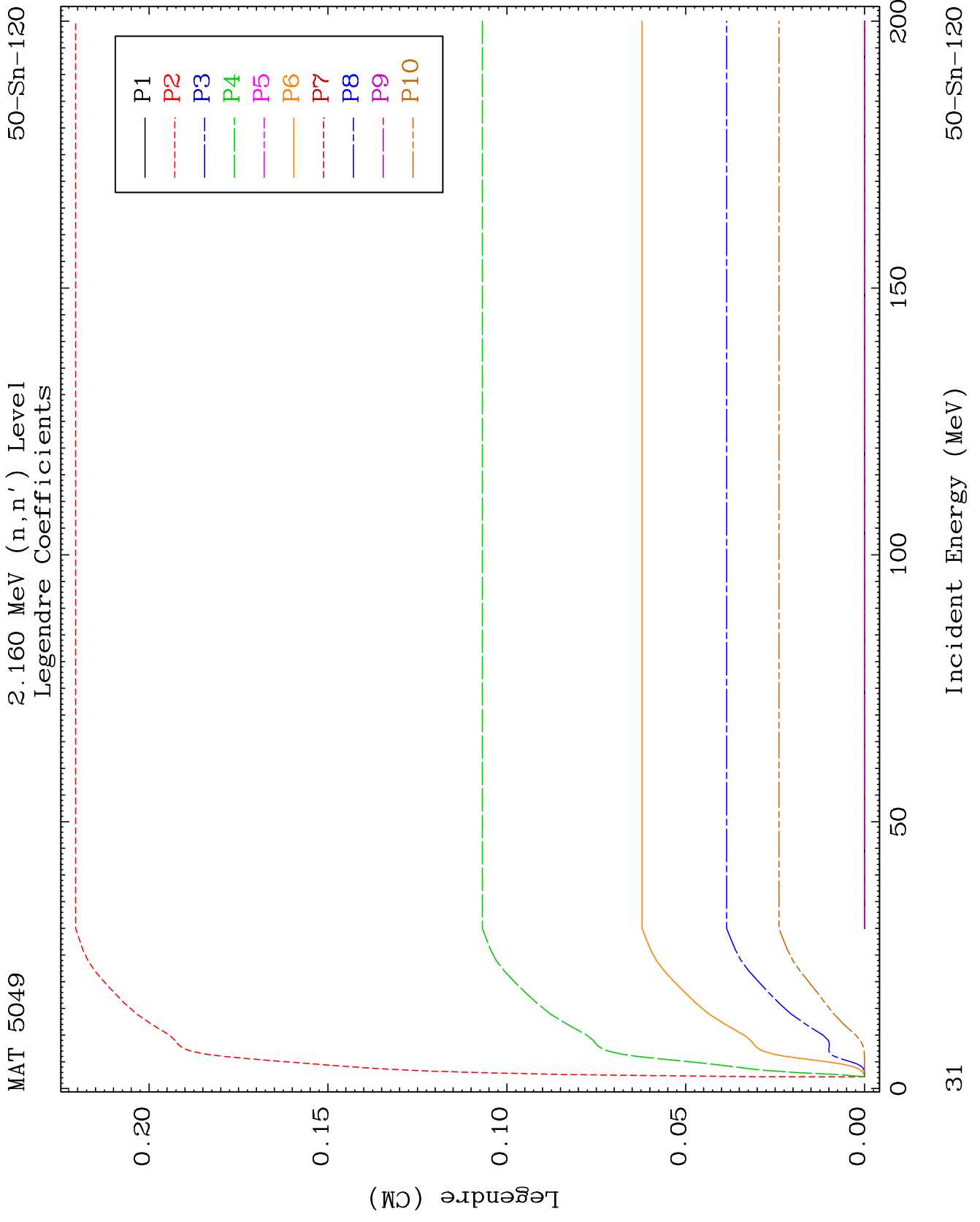


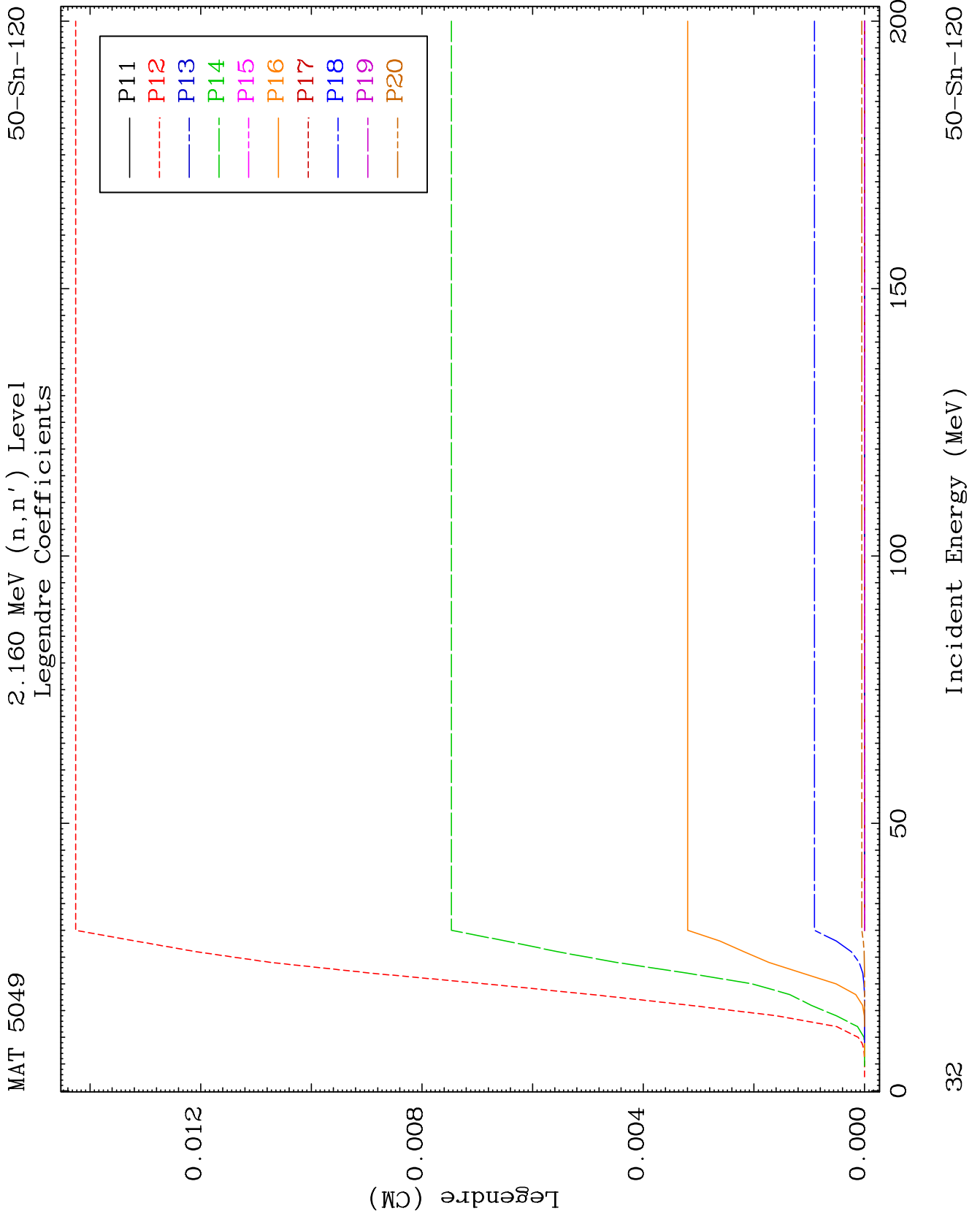


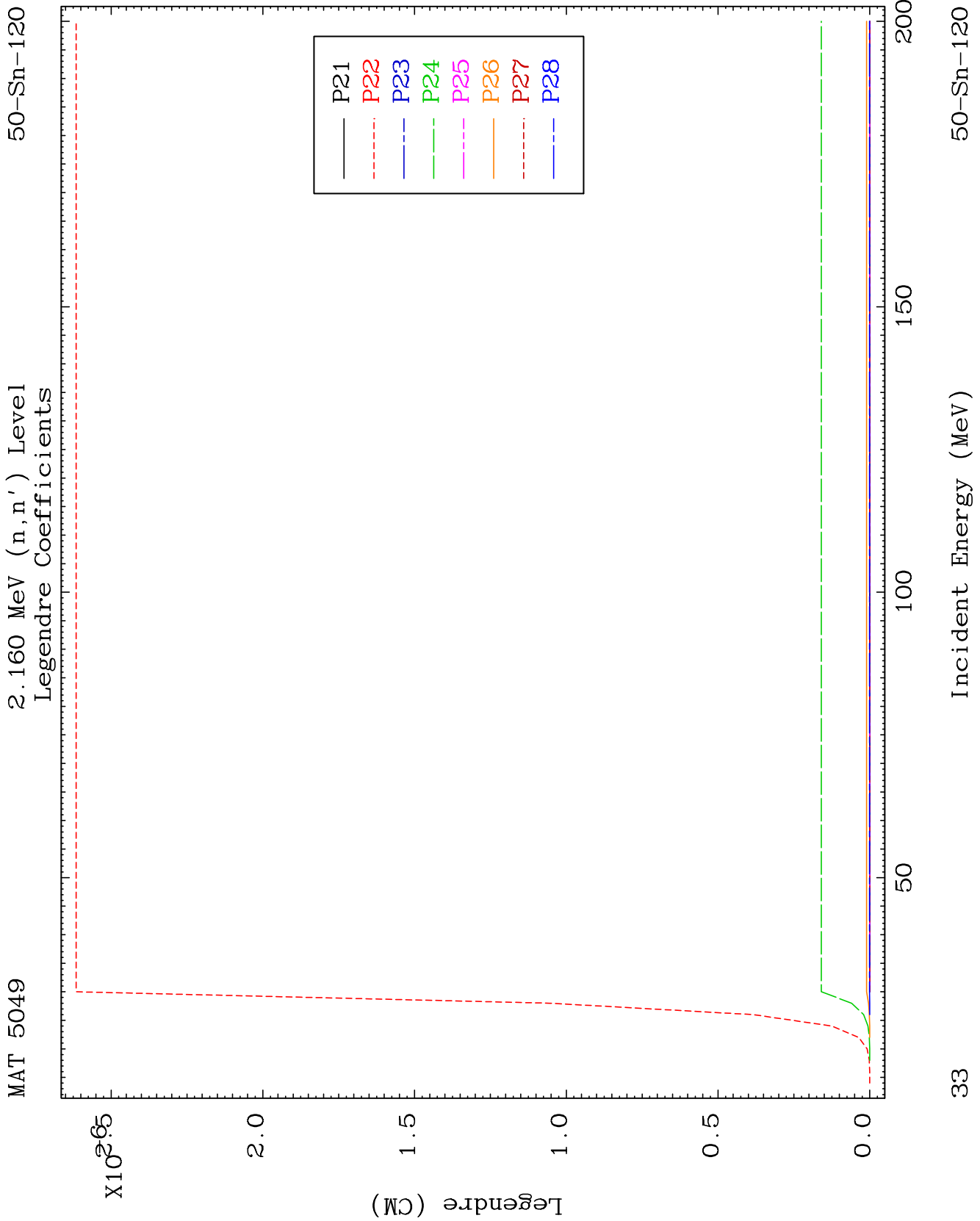


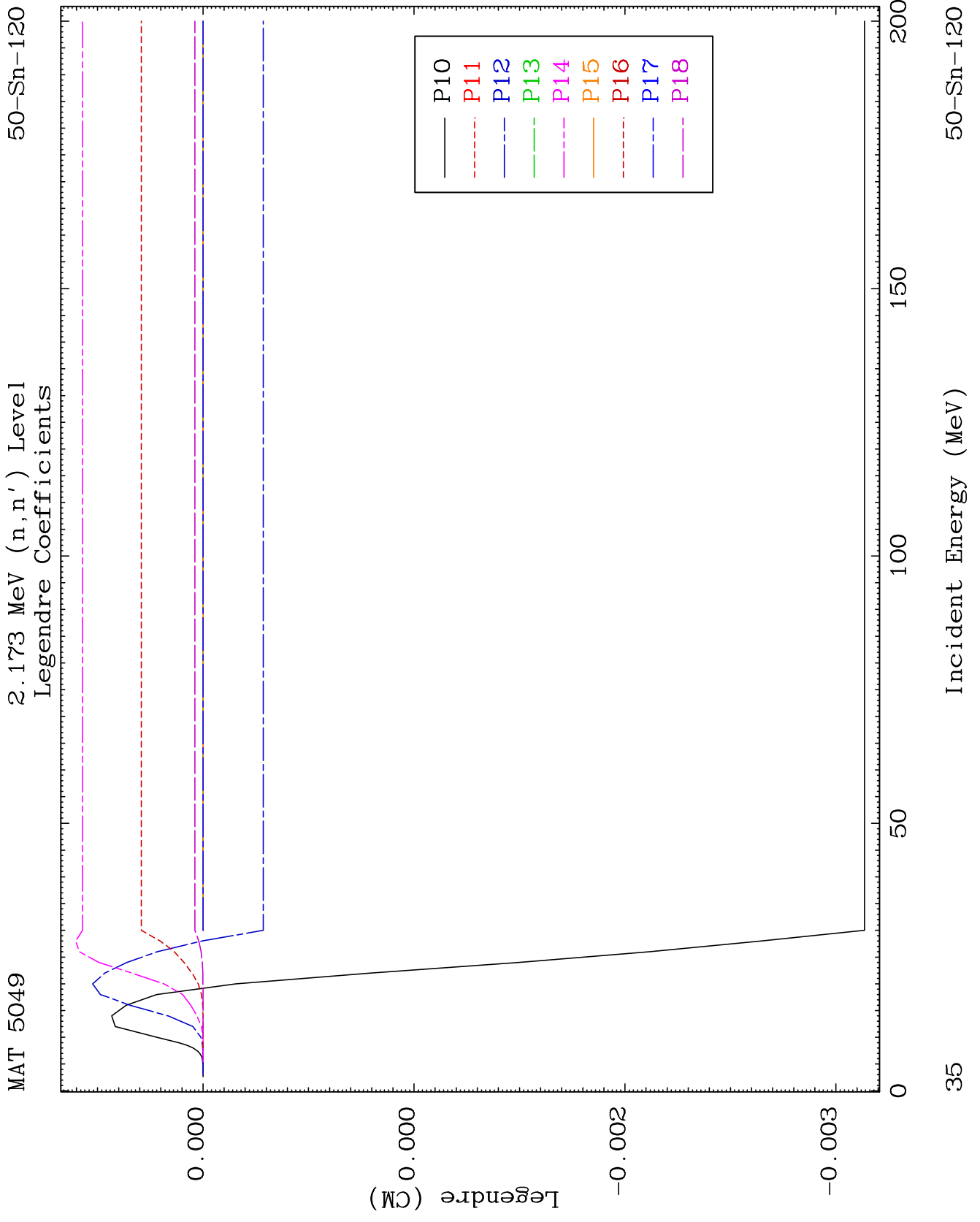


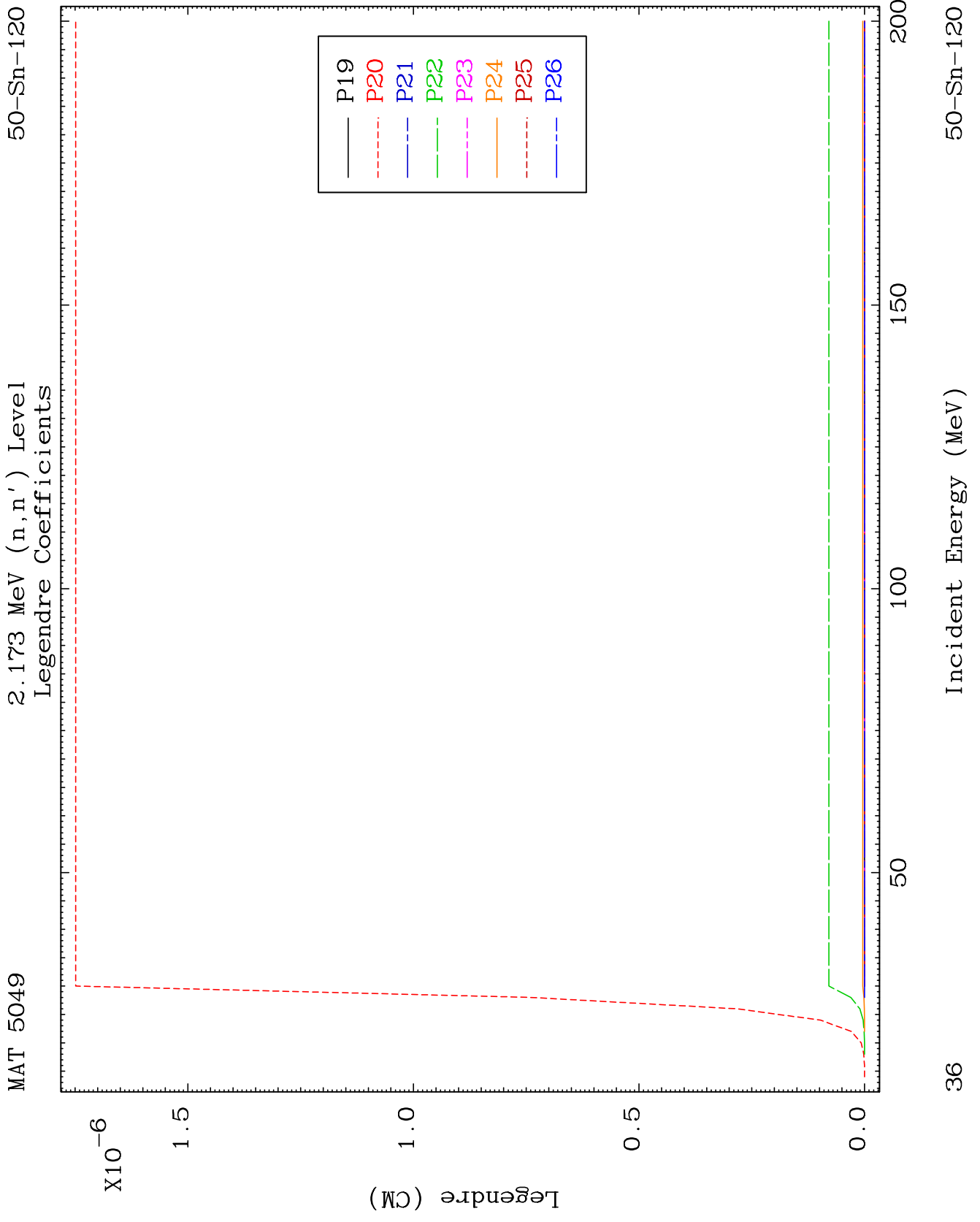


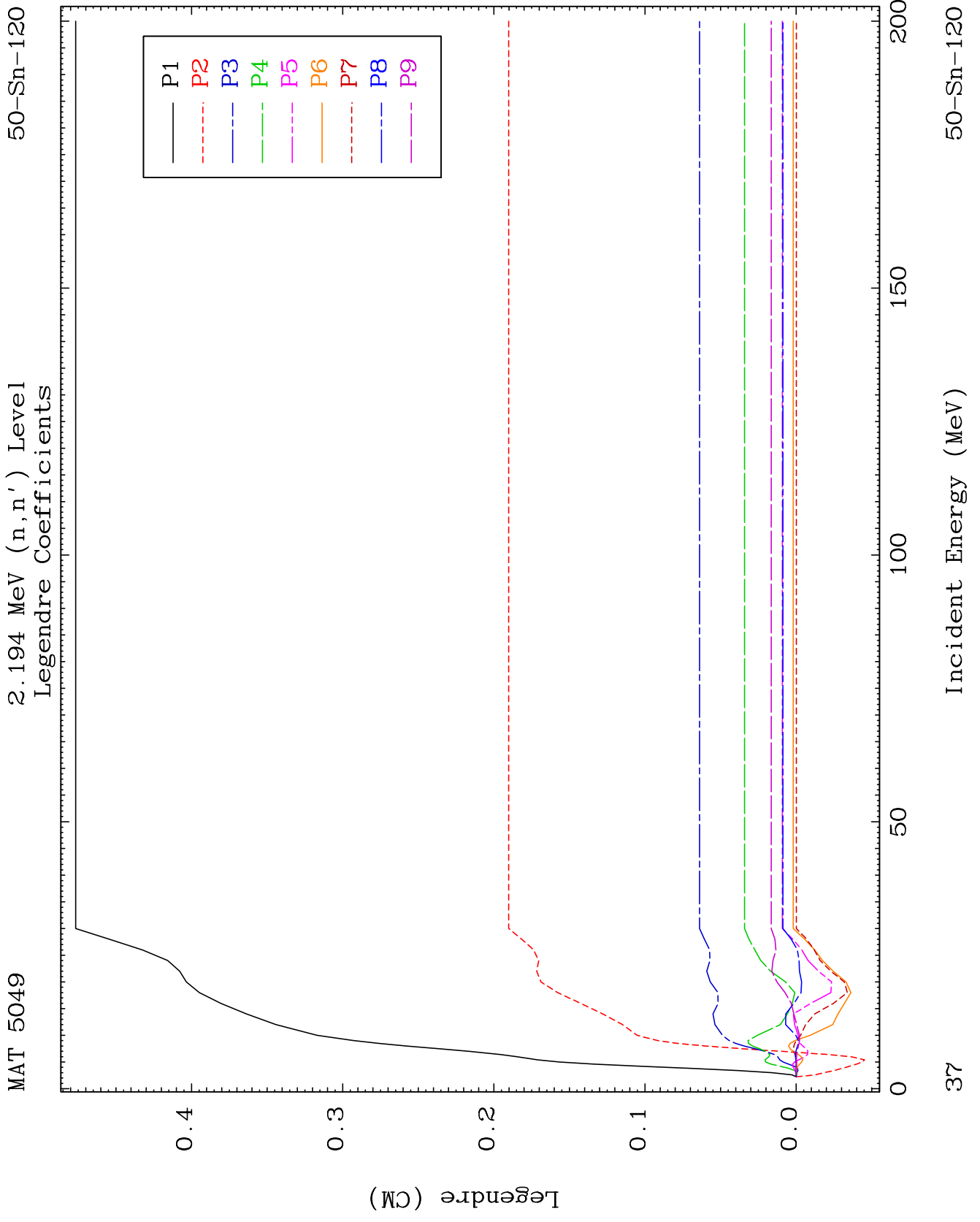








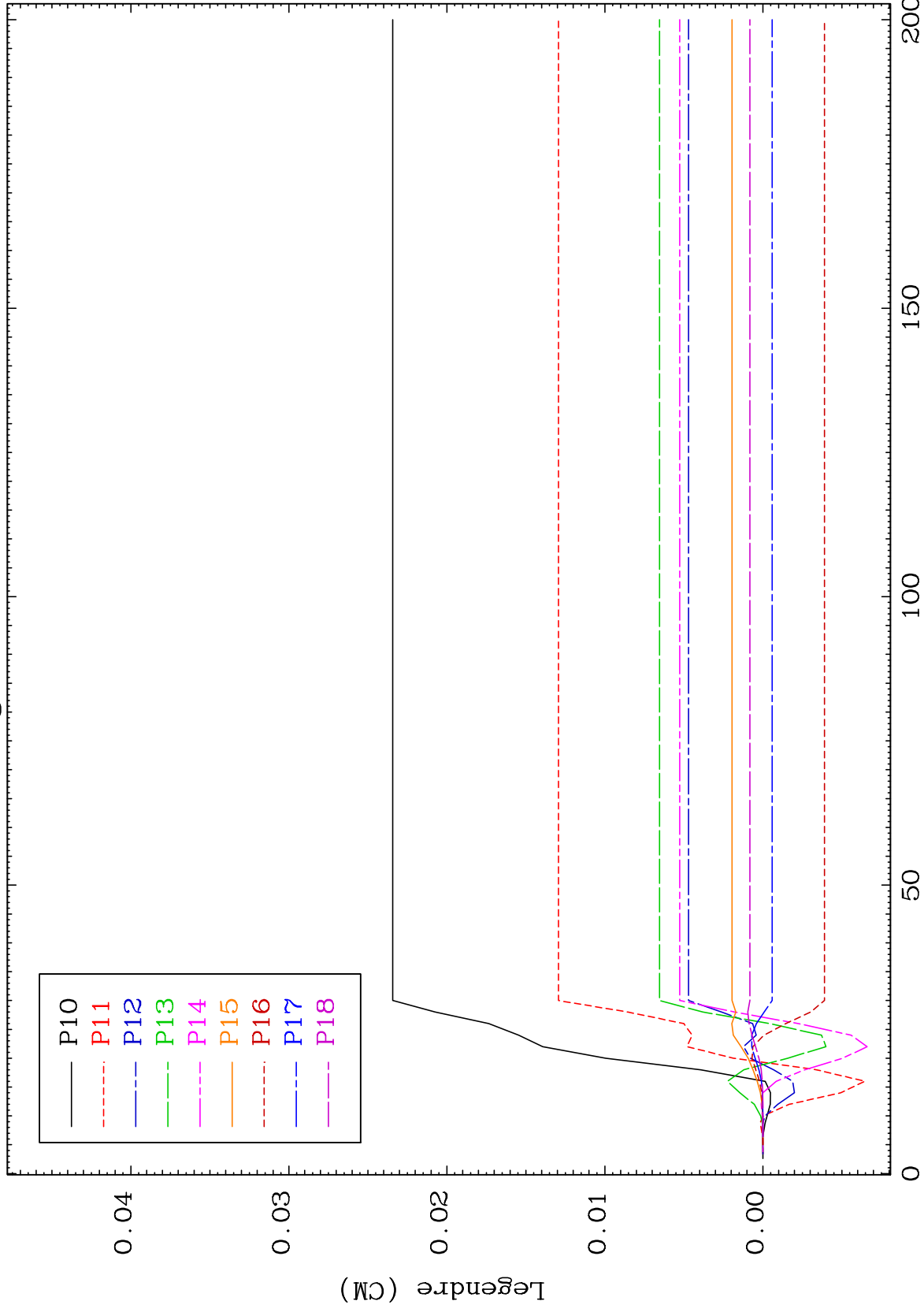




MAT 5049

2.194 MeV (n,n') Level
Legendre Coefficients

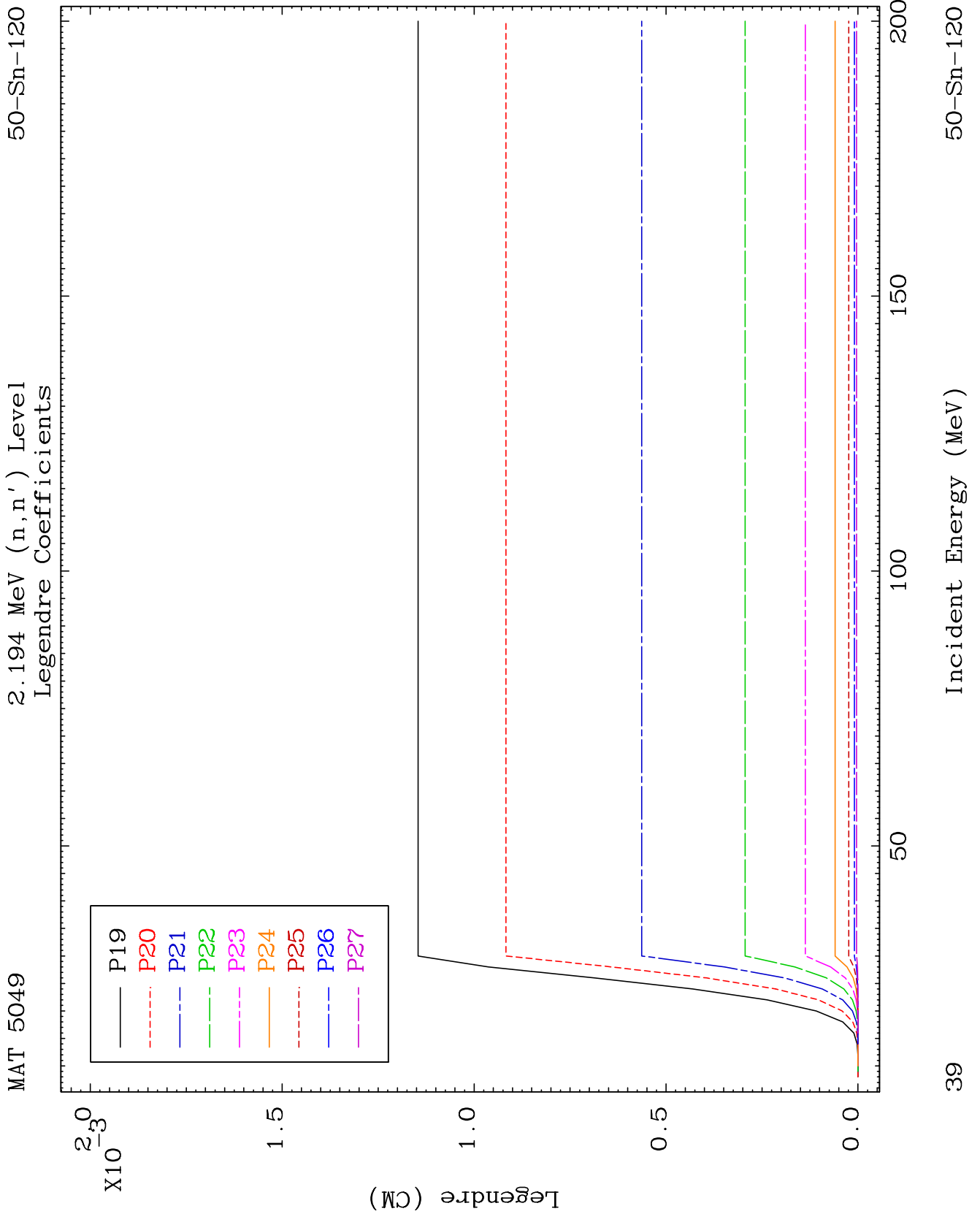
50-Sn-120

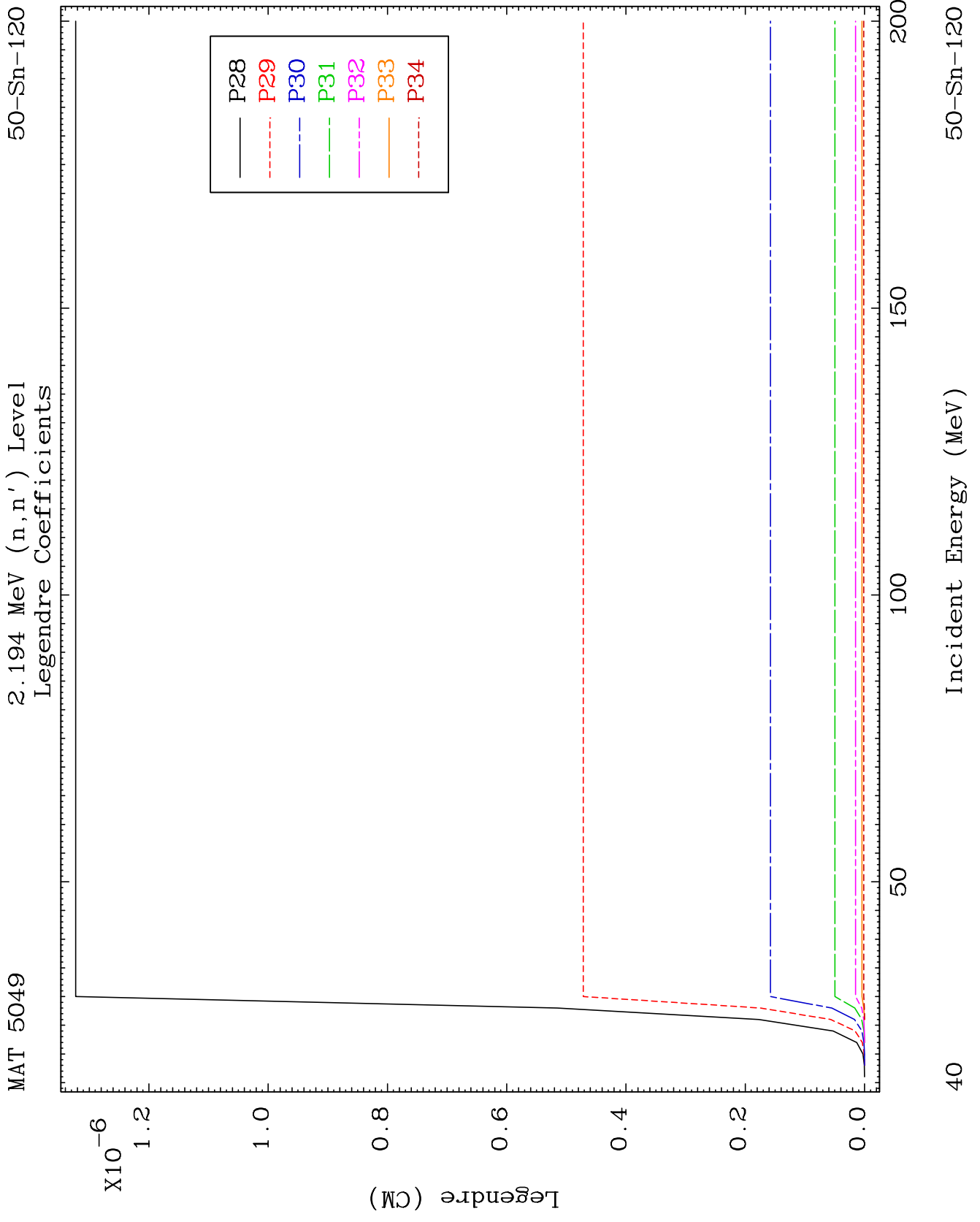


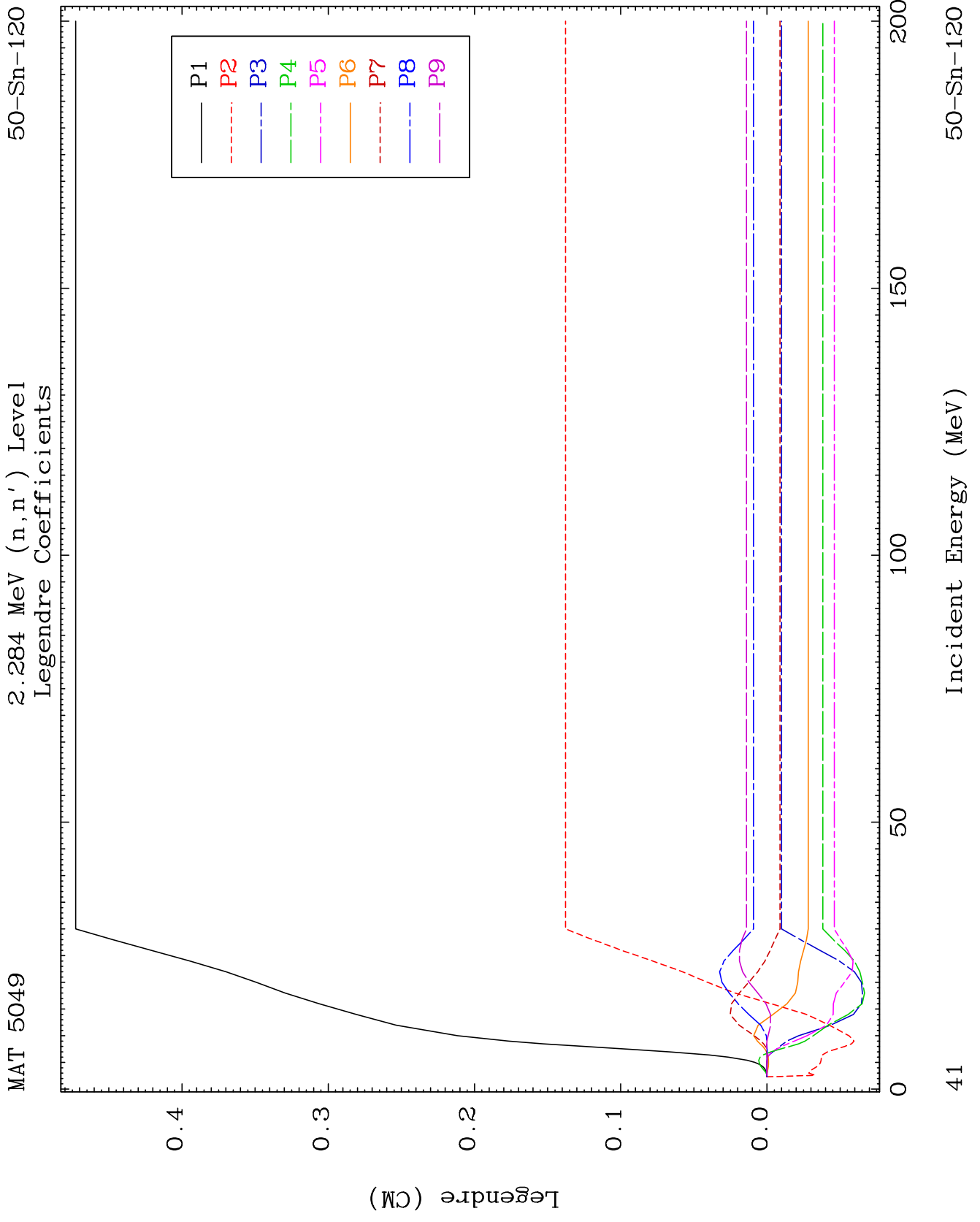
38

Incident Energy (MeV)

50-Sn-120



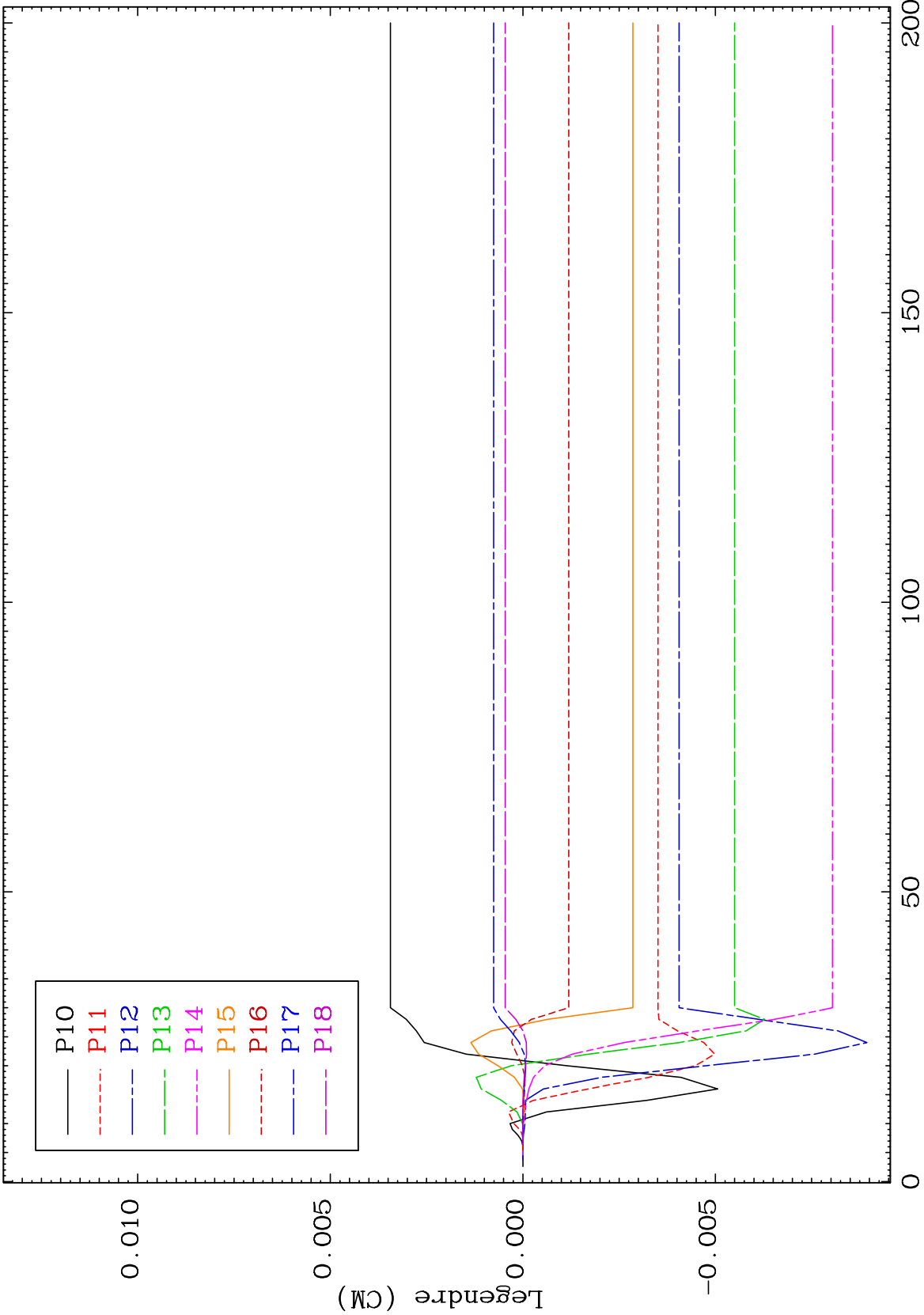




MAT 5049

2.284 MeV (n,n') Level
Legendre Coefficients

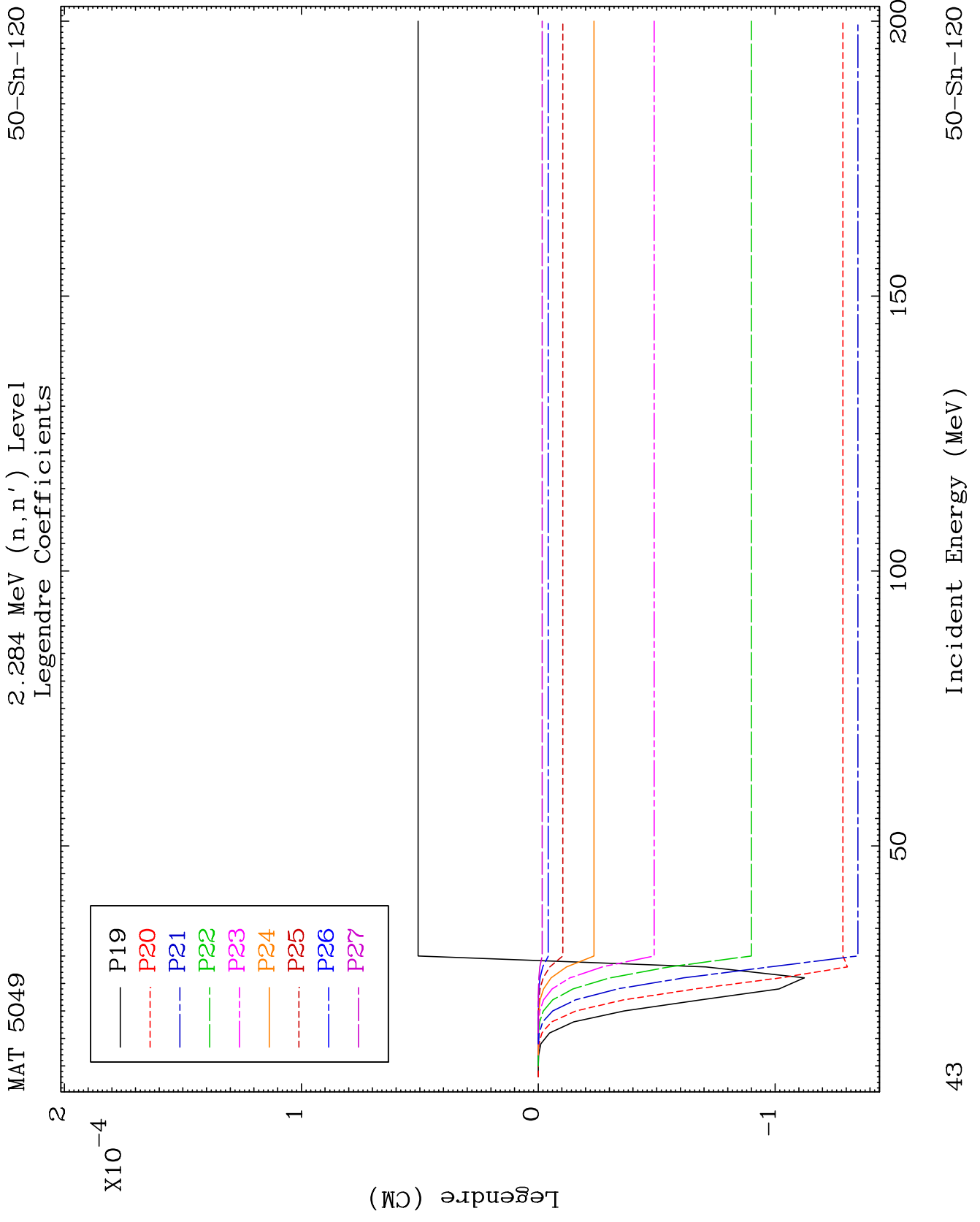
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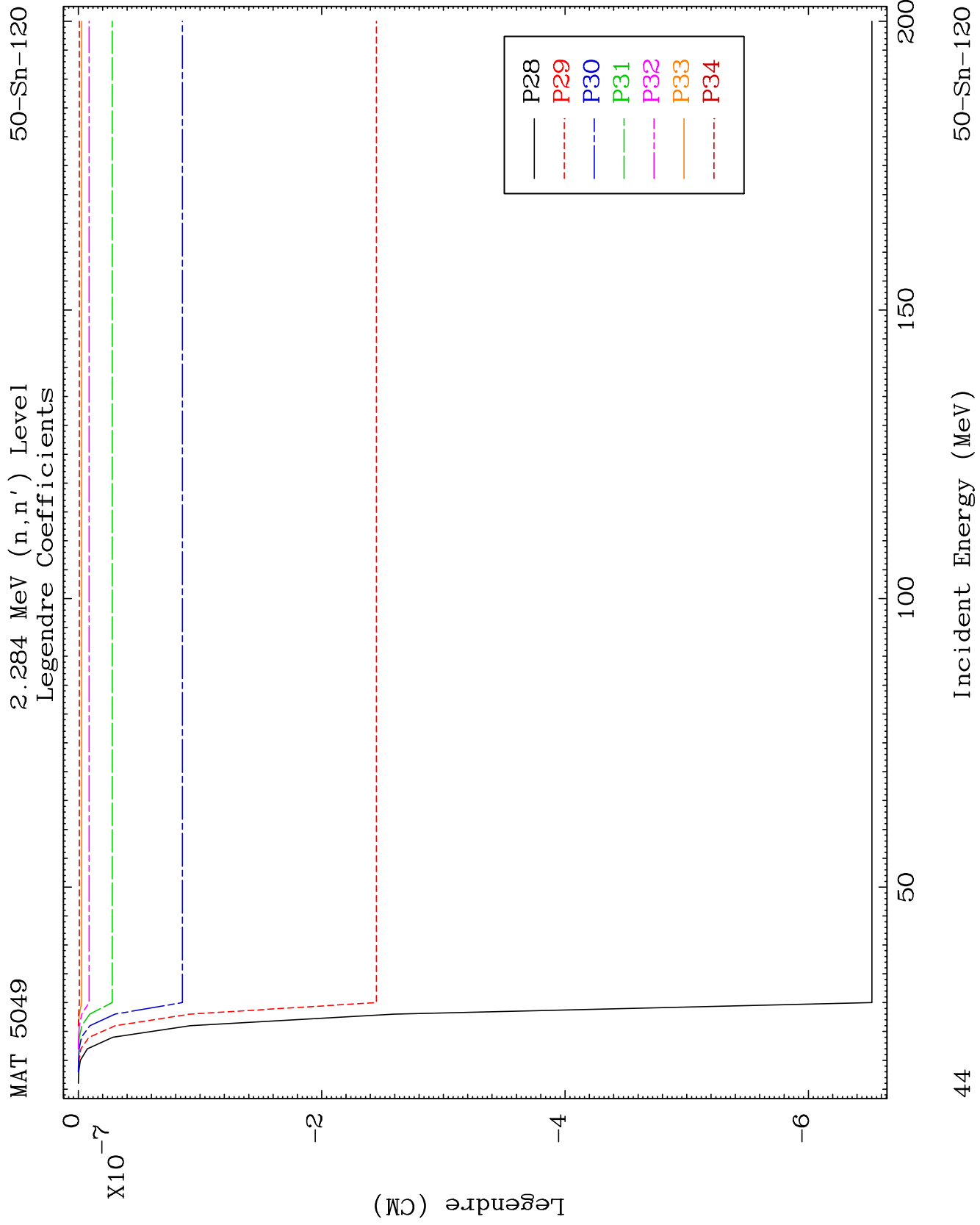


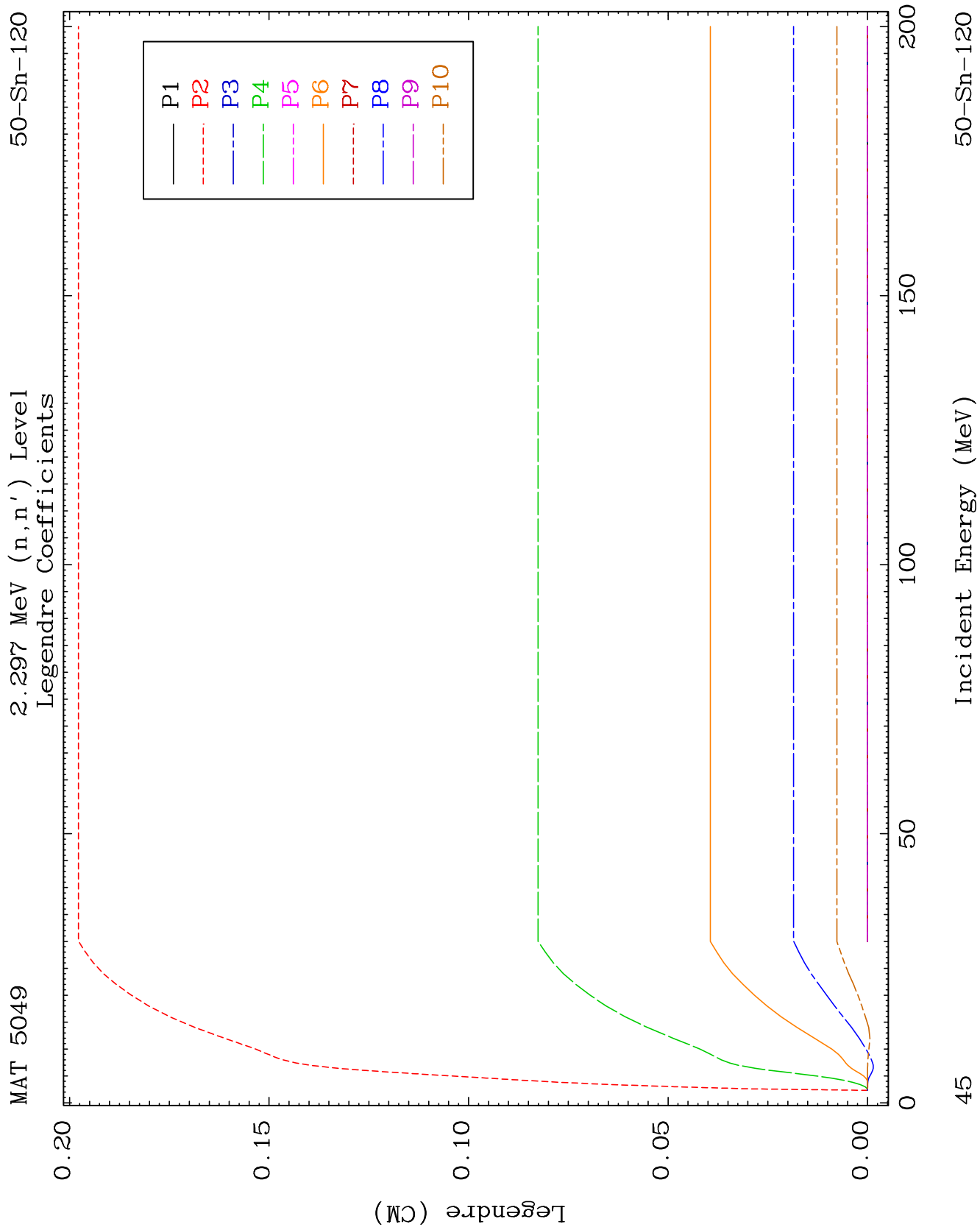
42

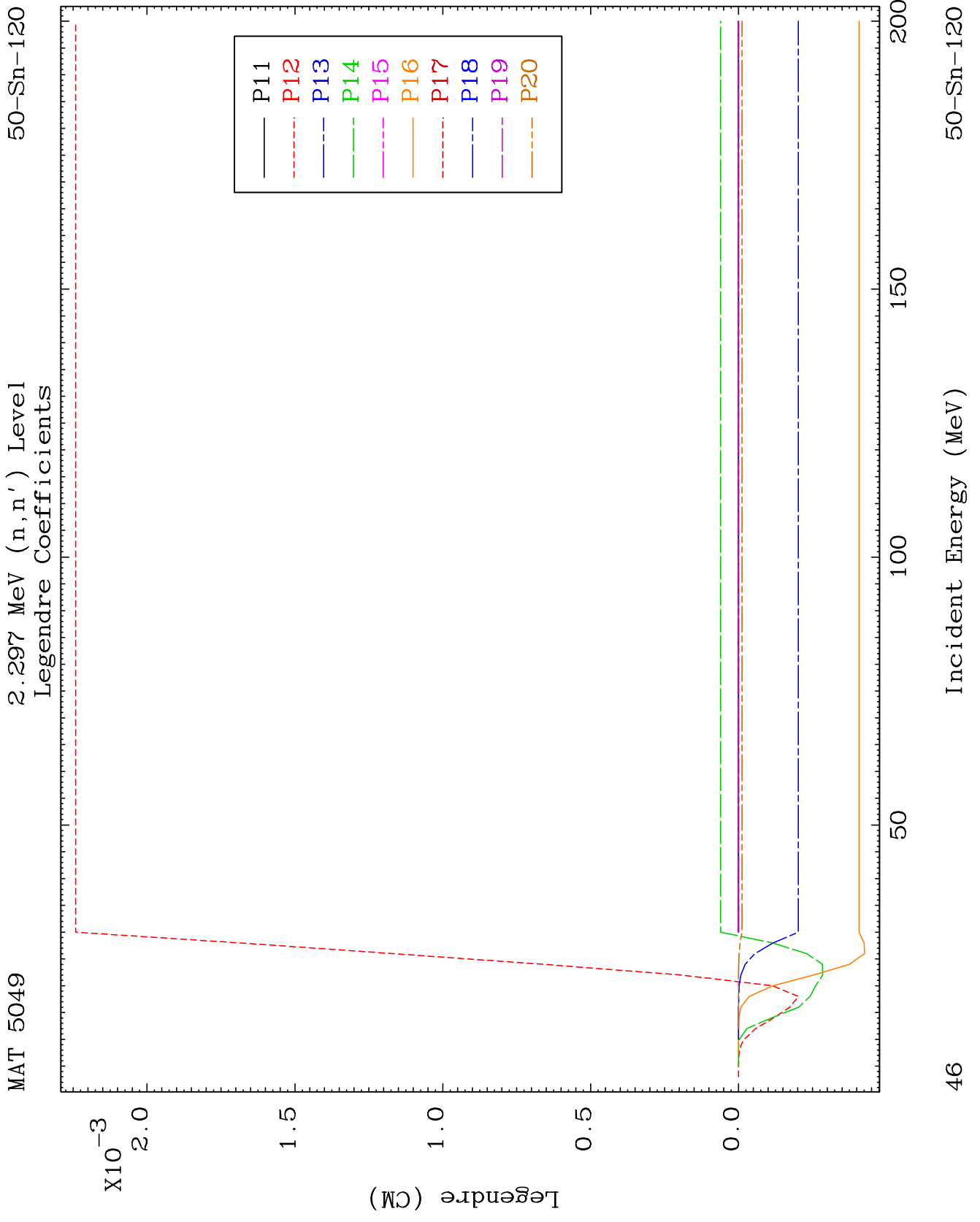
Incident Energy (MeV)

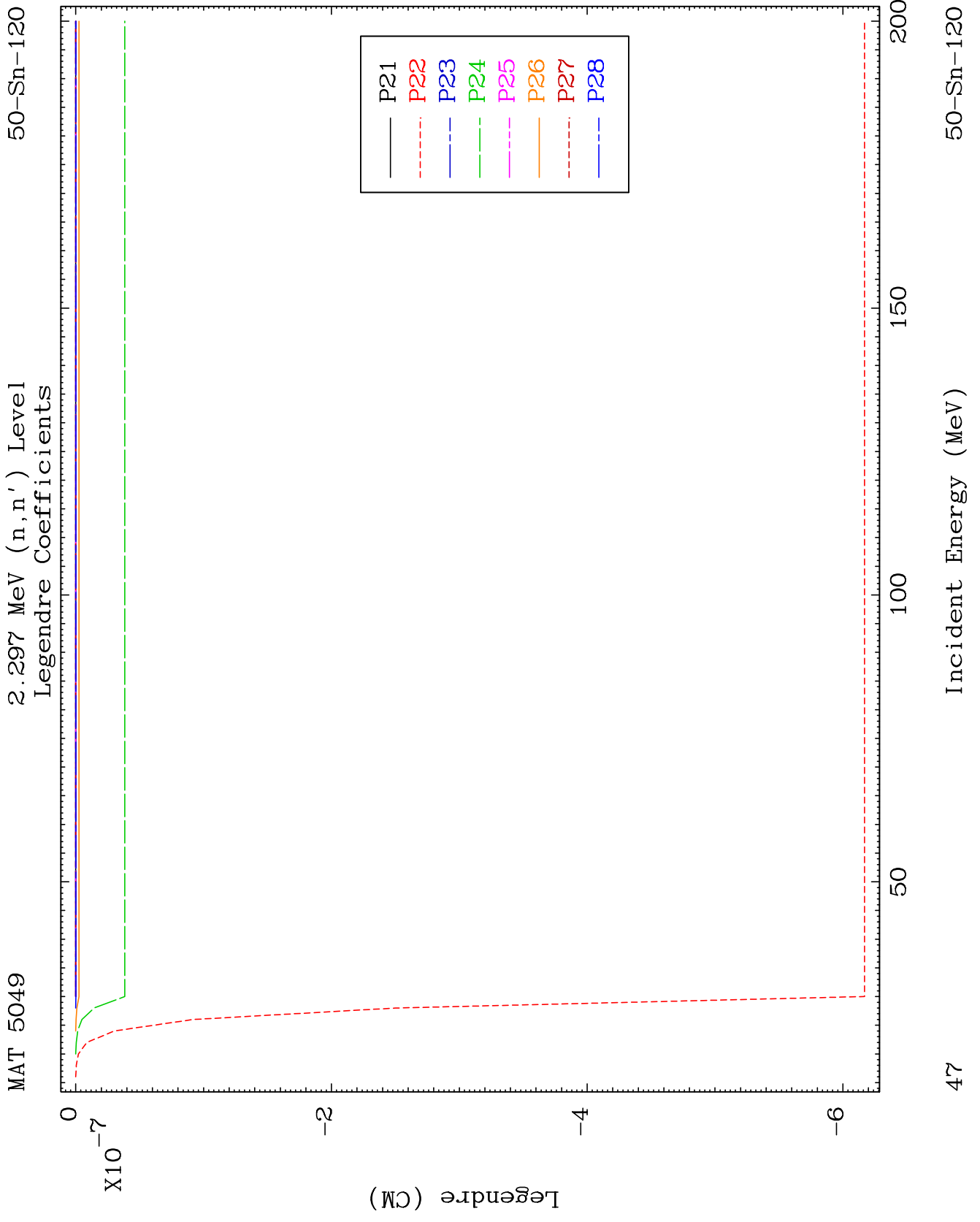
50-Sn-120

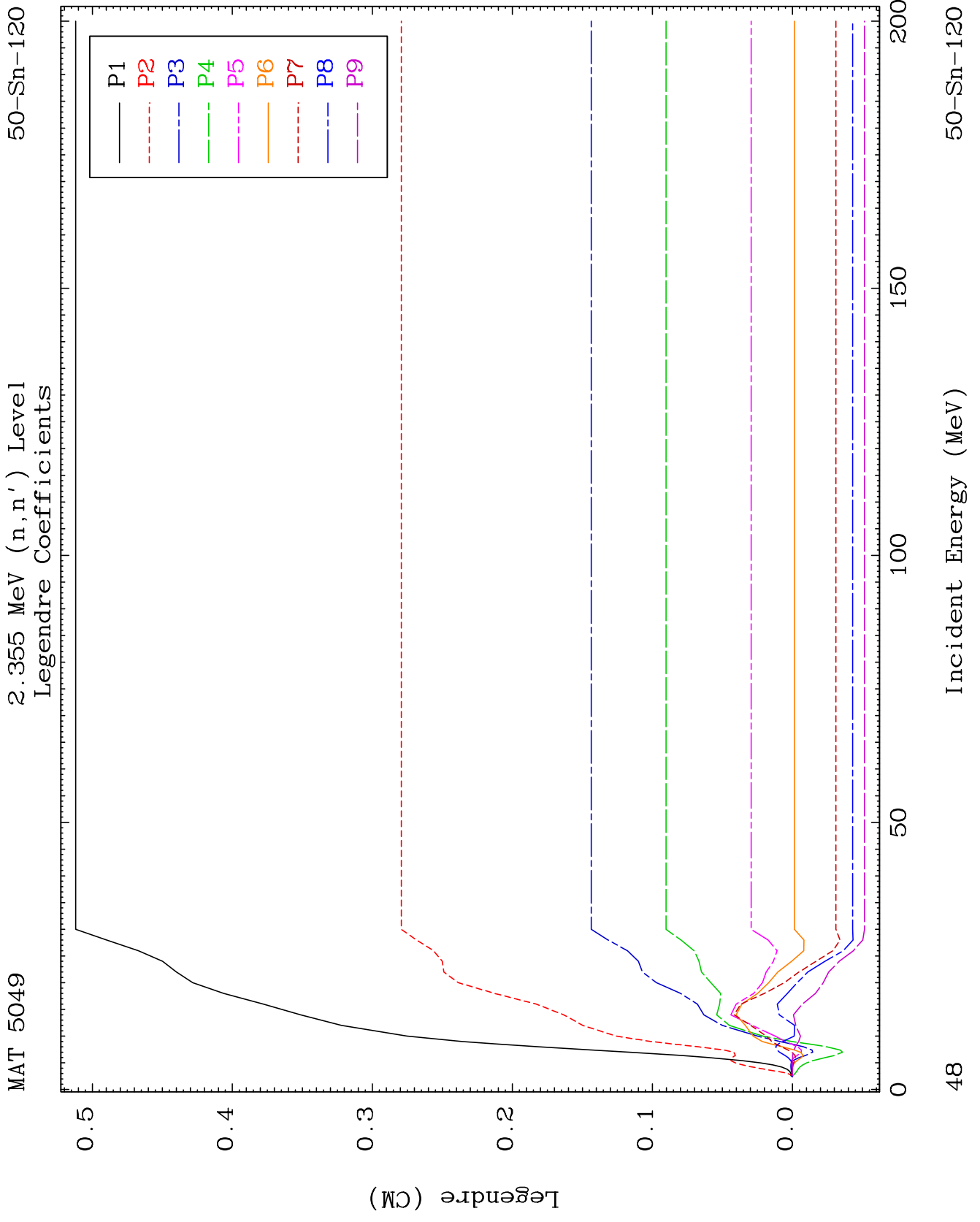


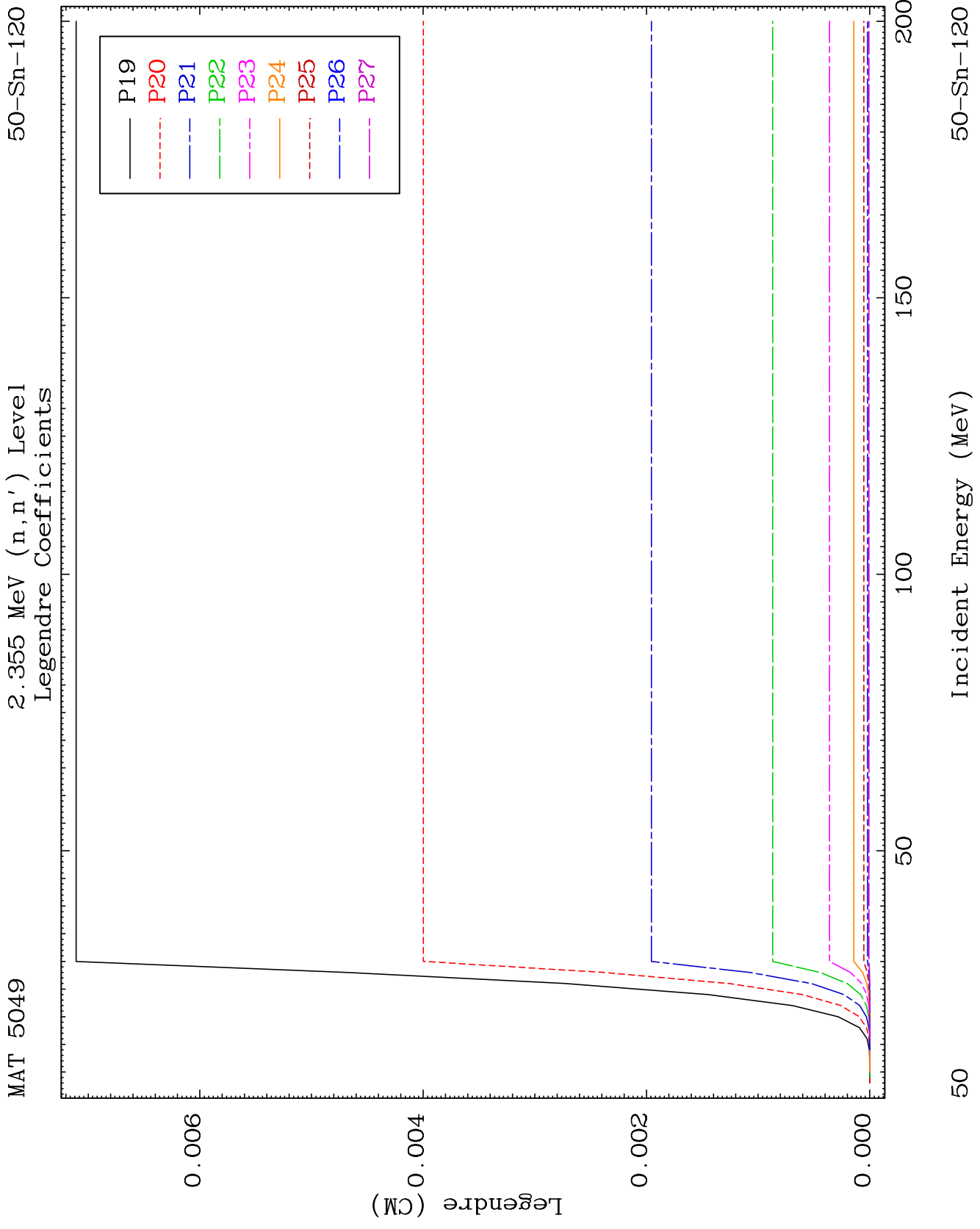


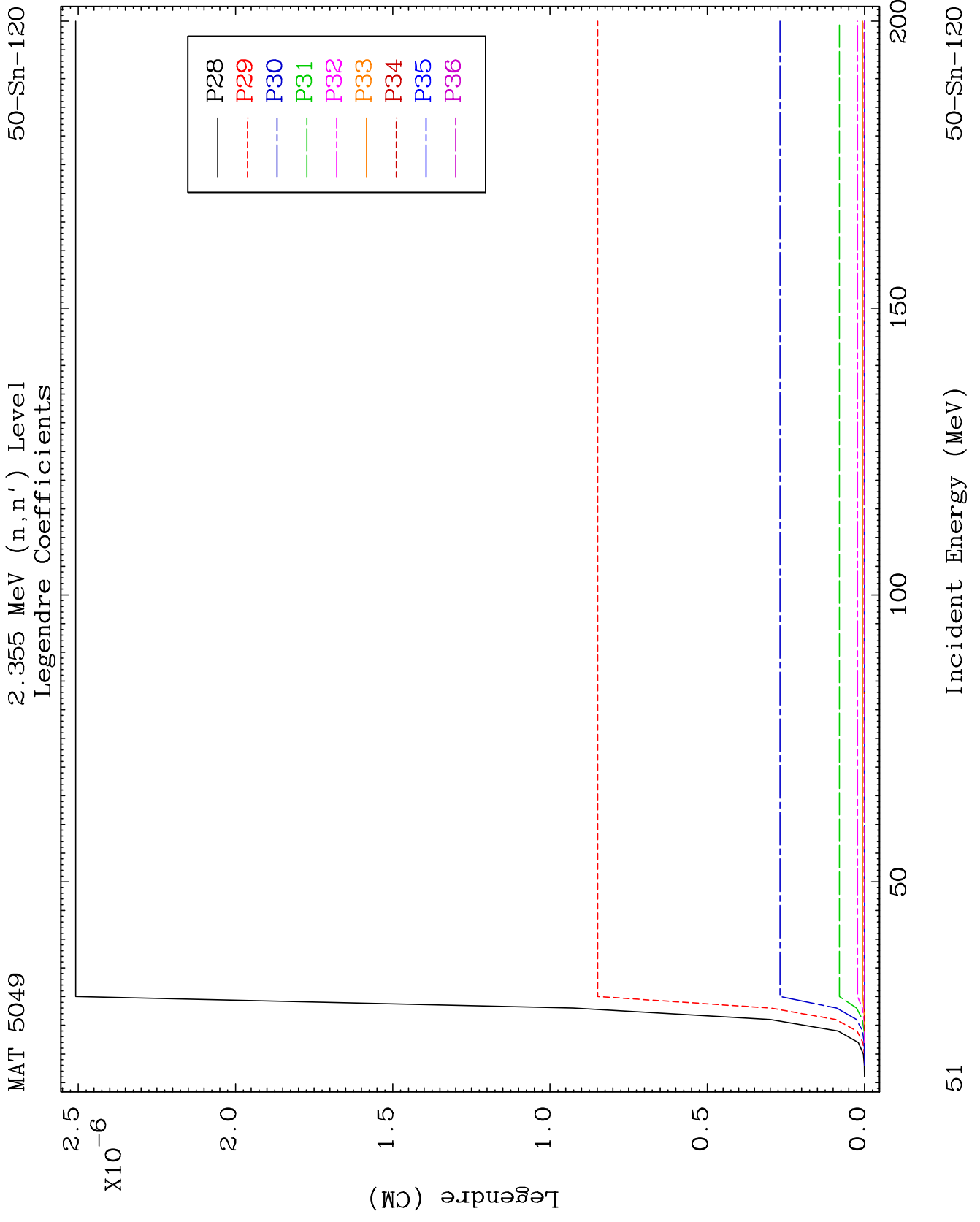


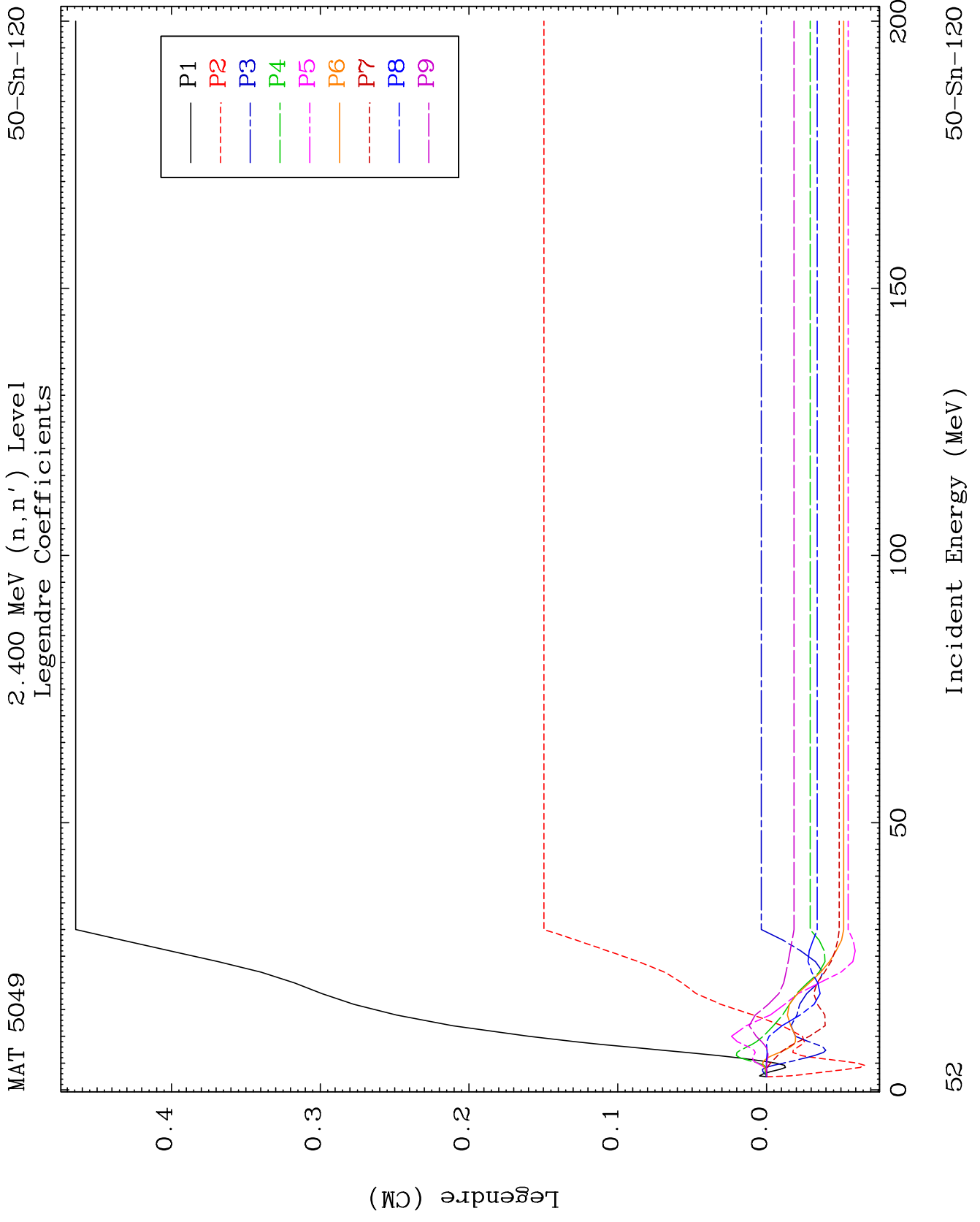


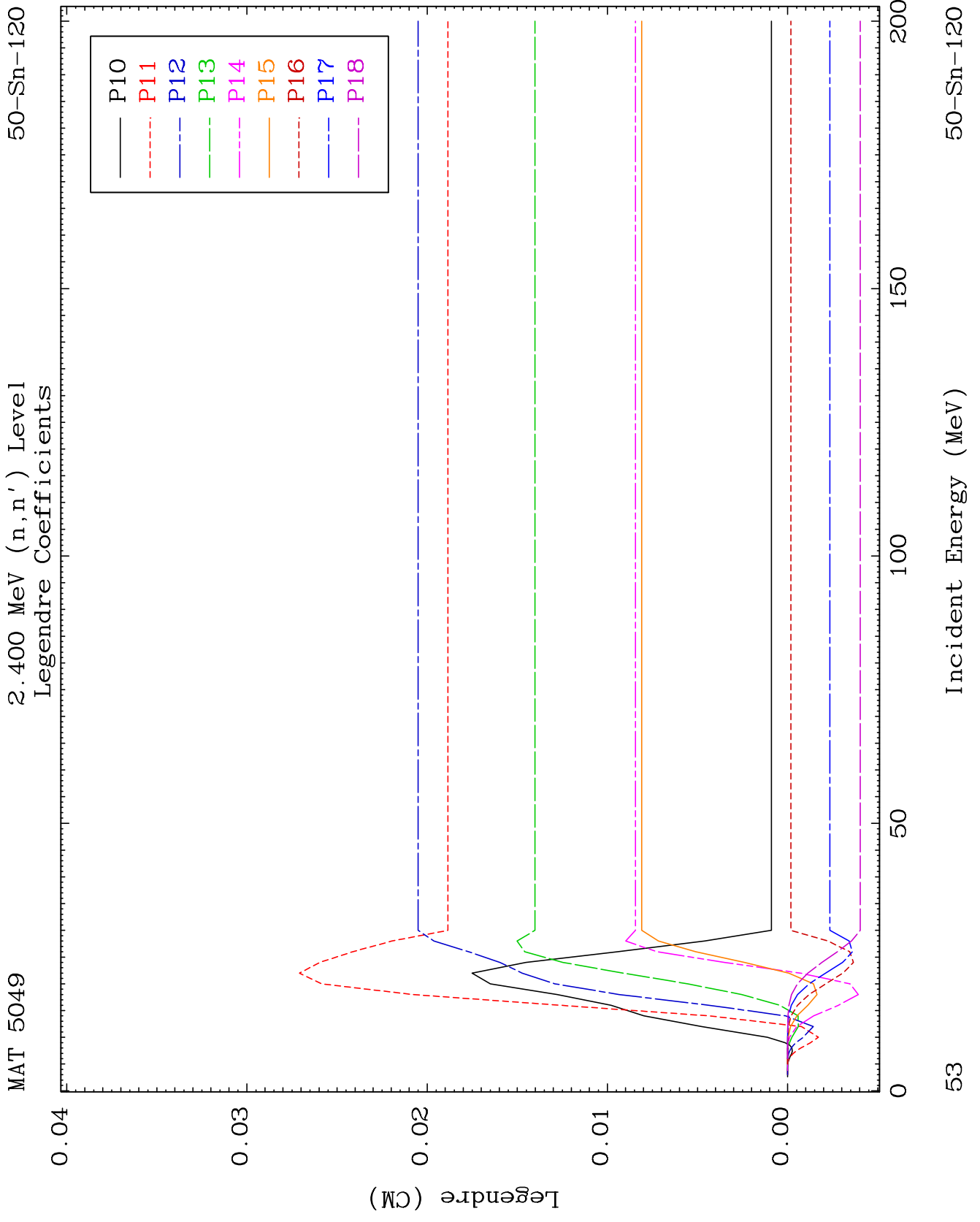








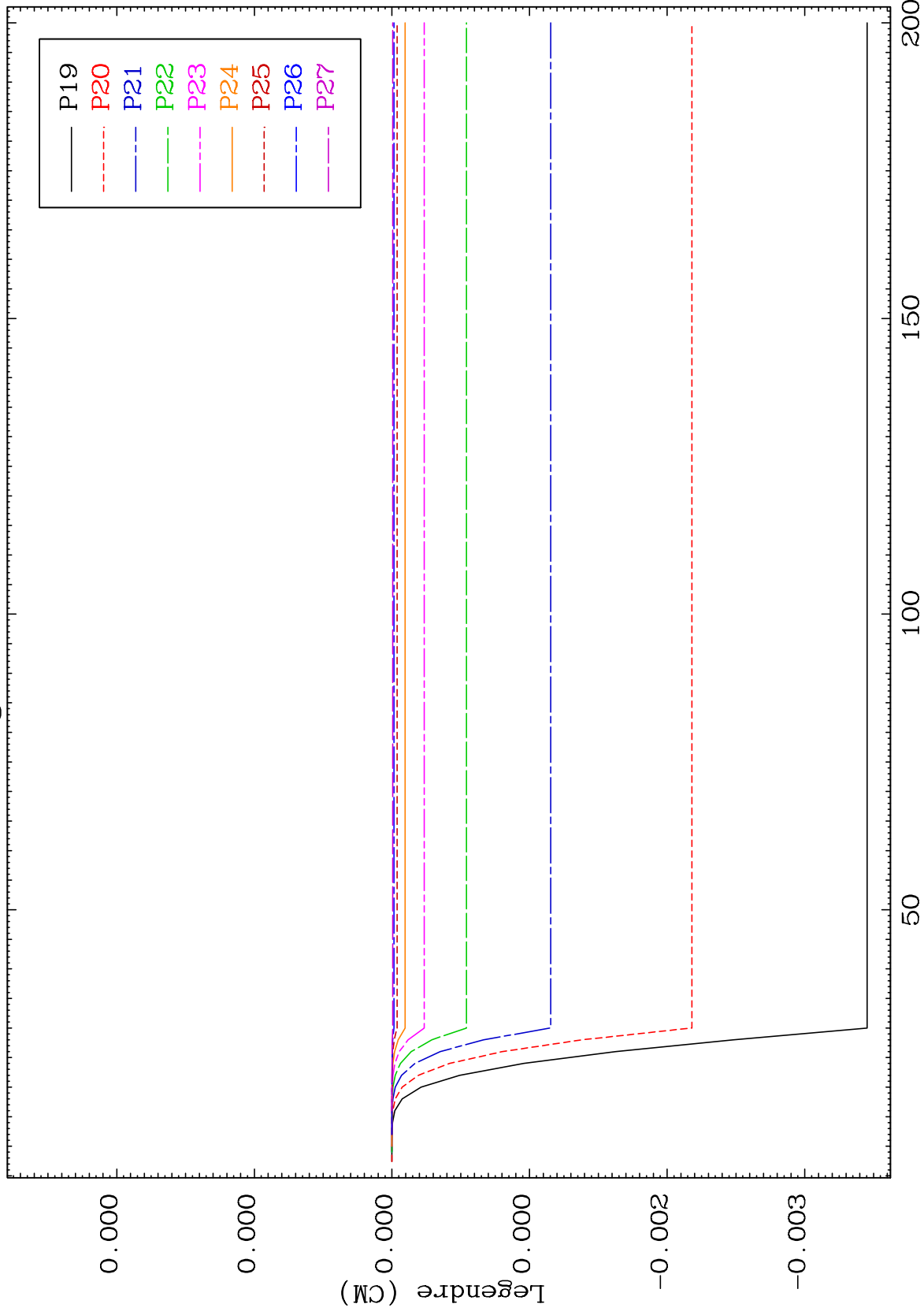




MAT 5049

2.400 MeV (n,n') Level
Legendre Coefficients

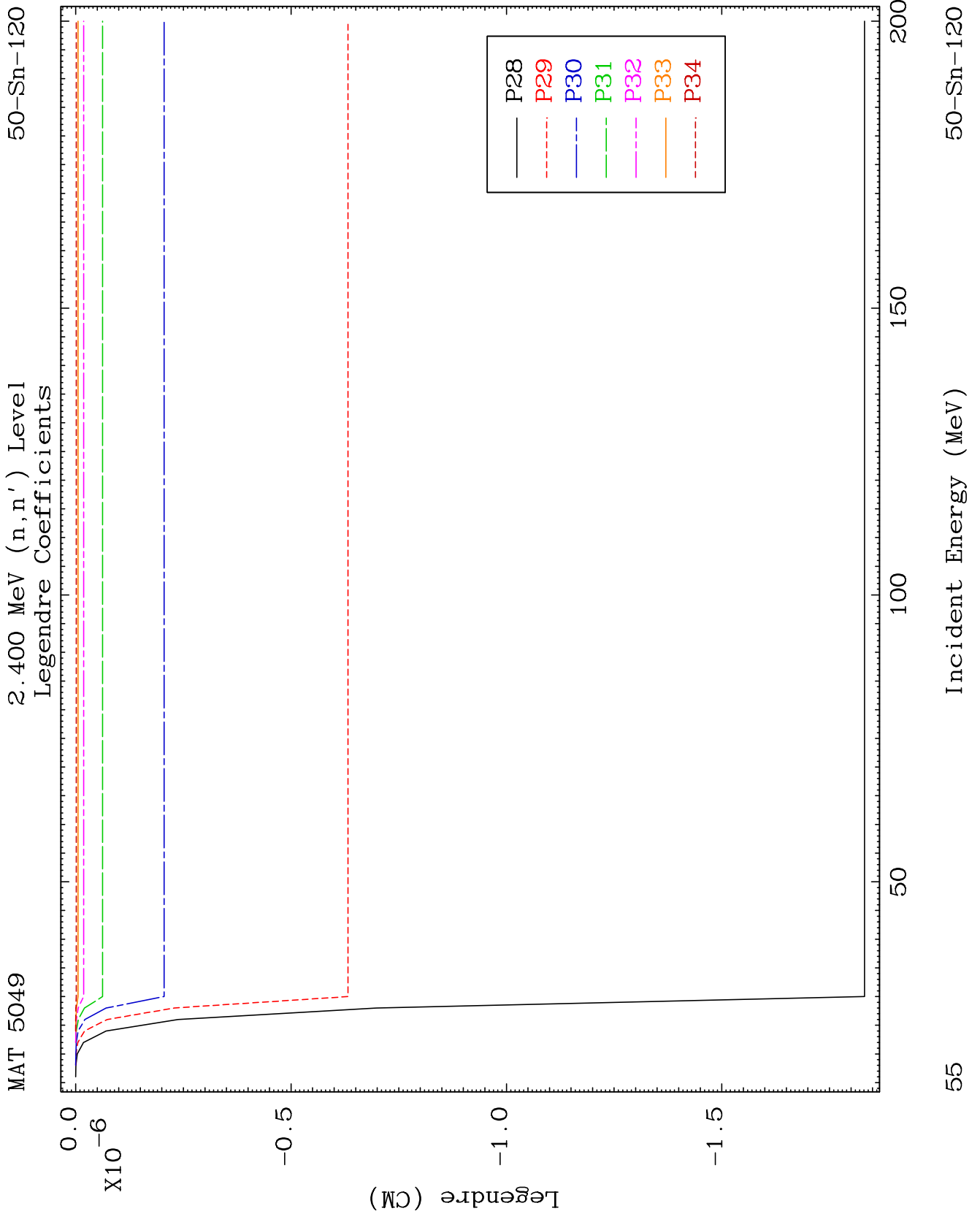
50-Sn-120

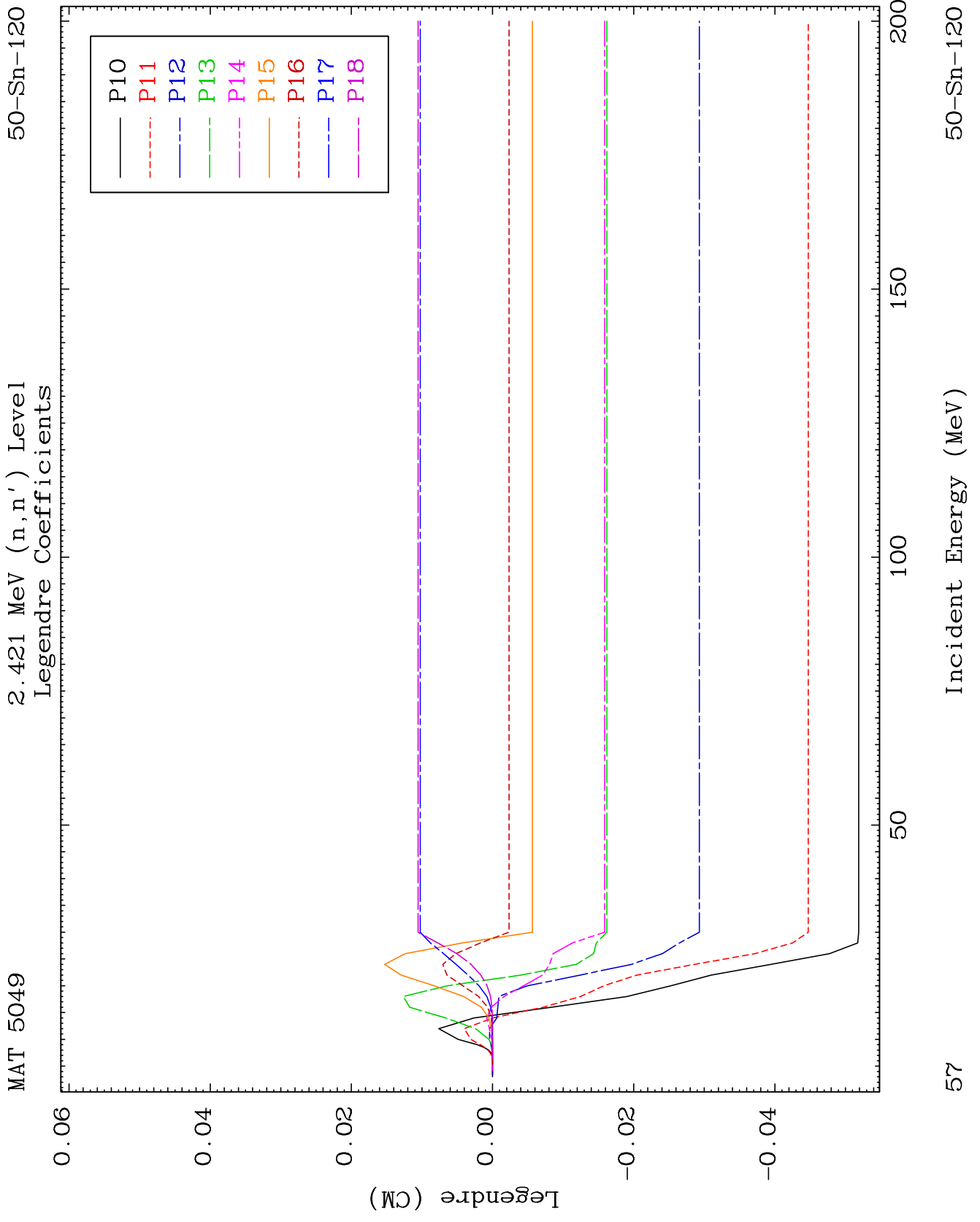


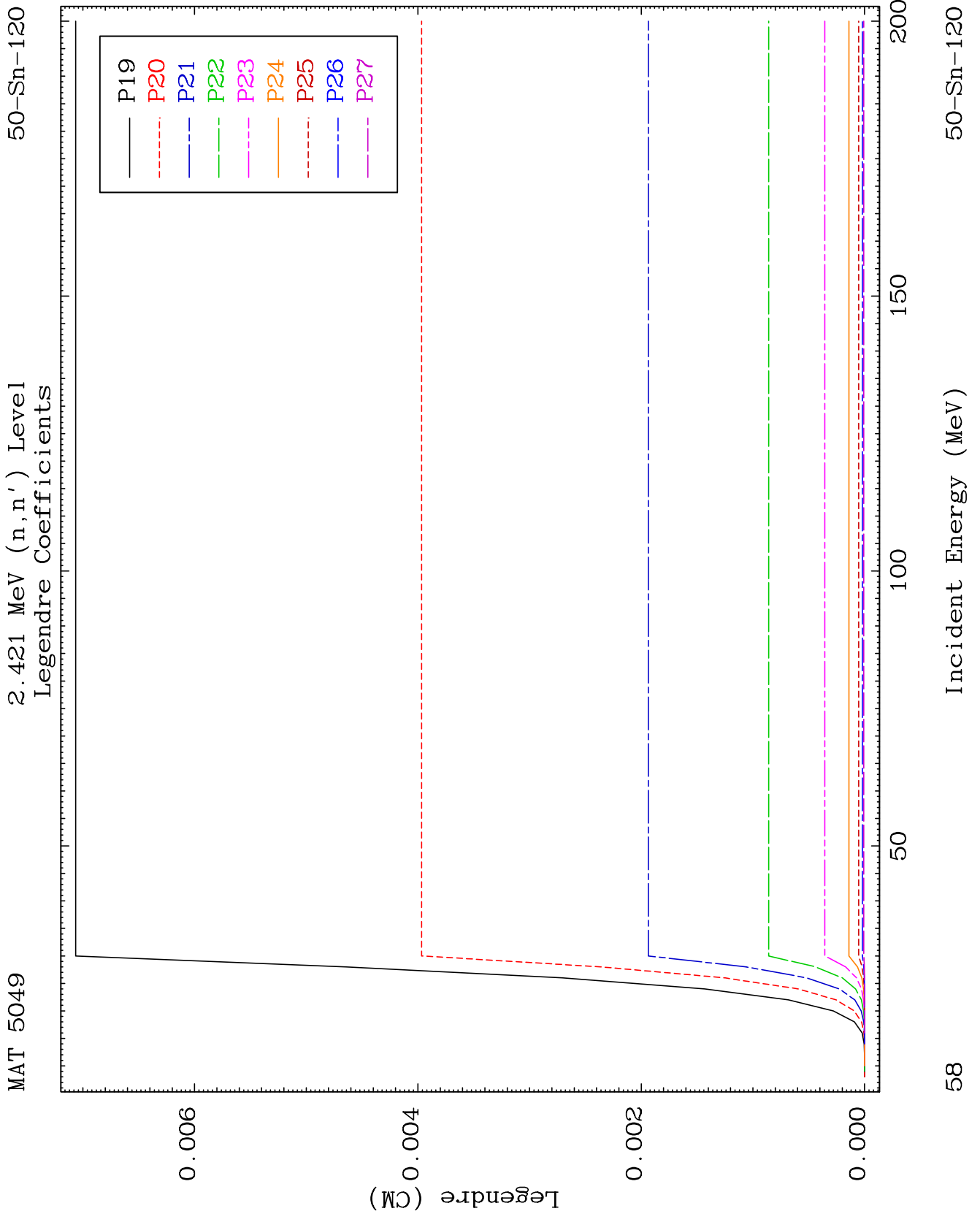
54

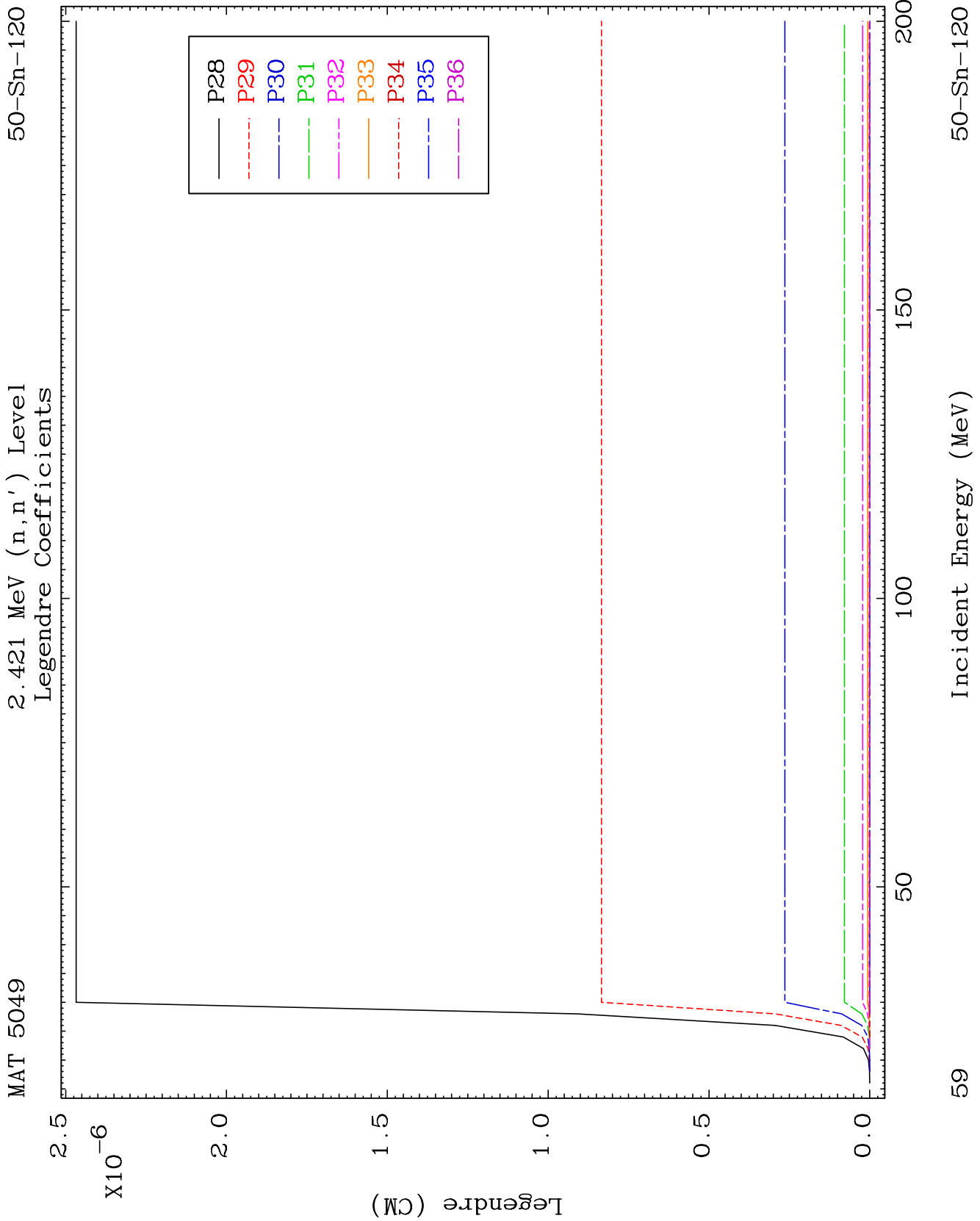
Incident Energy (MeV)

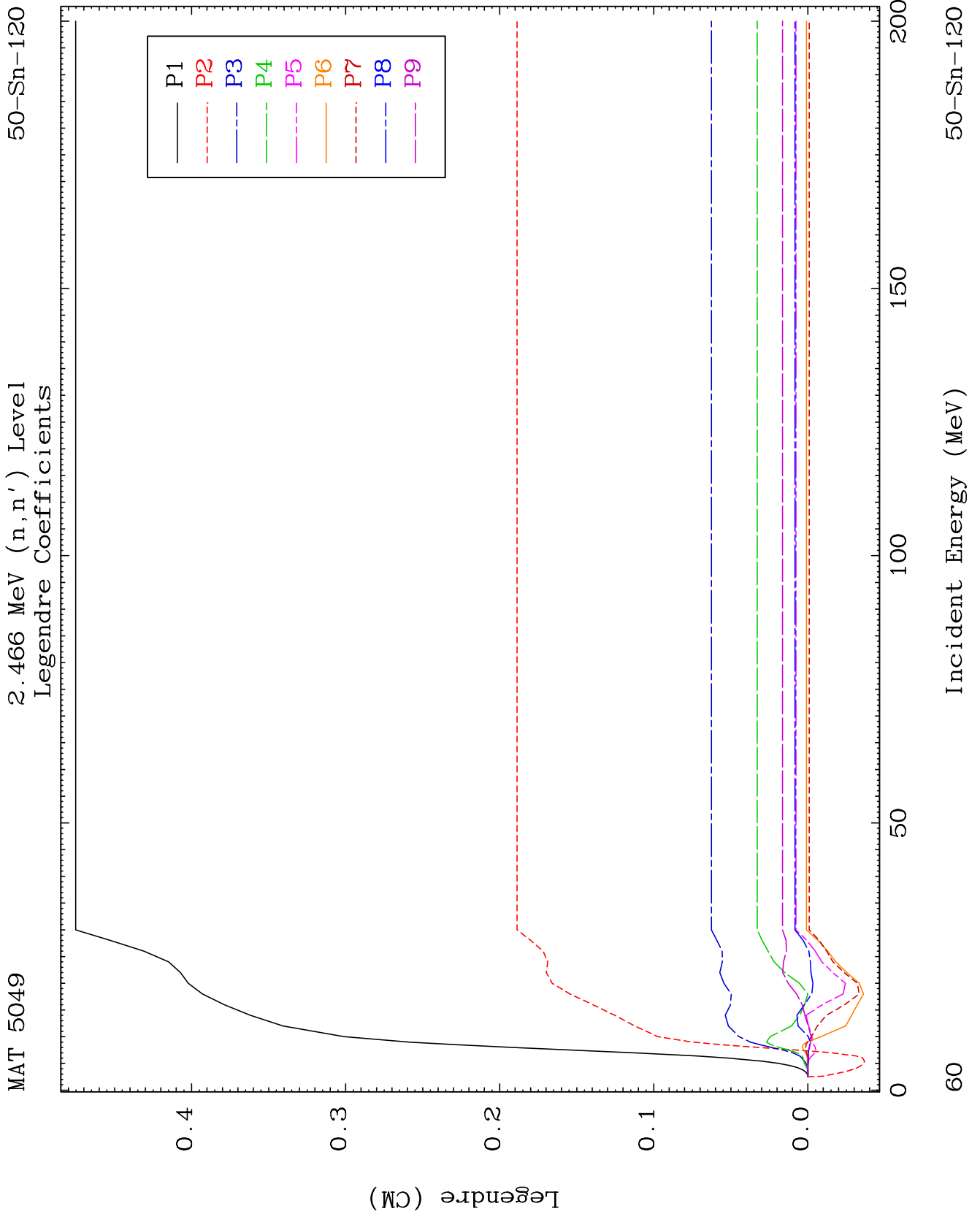
50-Sn-120







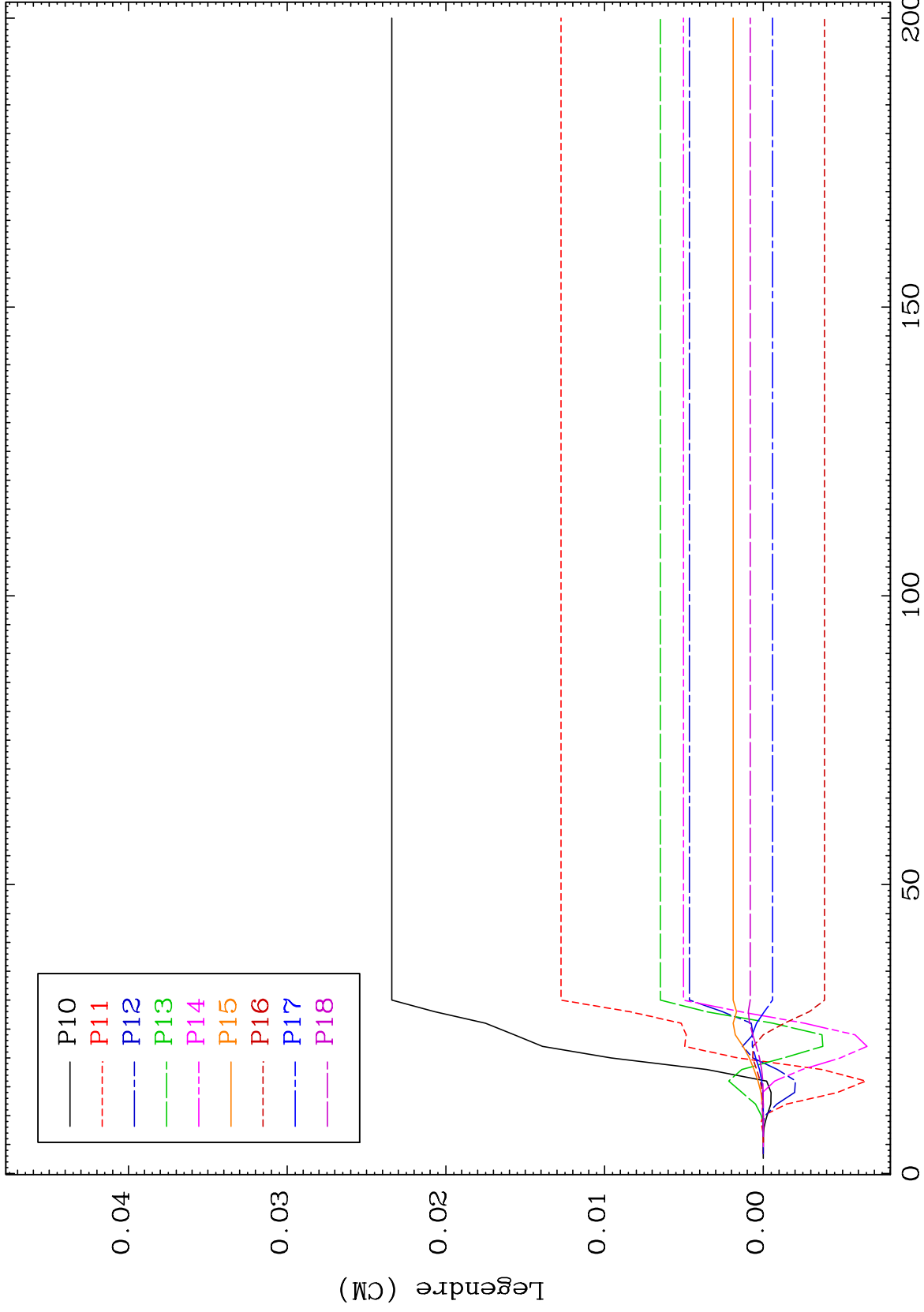




MAT 5049

2.466 MeV (n,n') Level
Legendre Coefficients

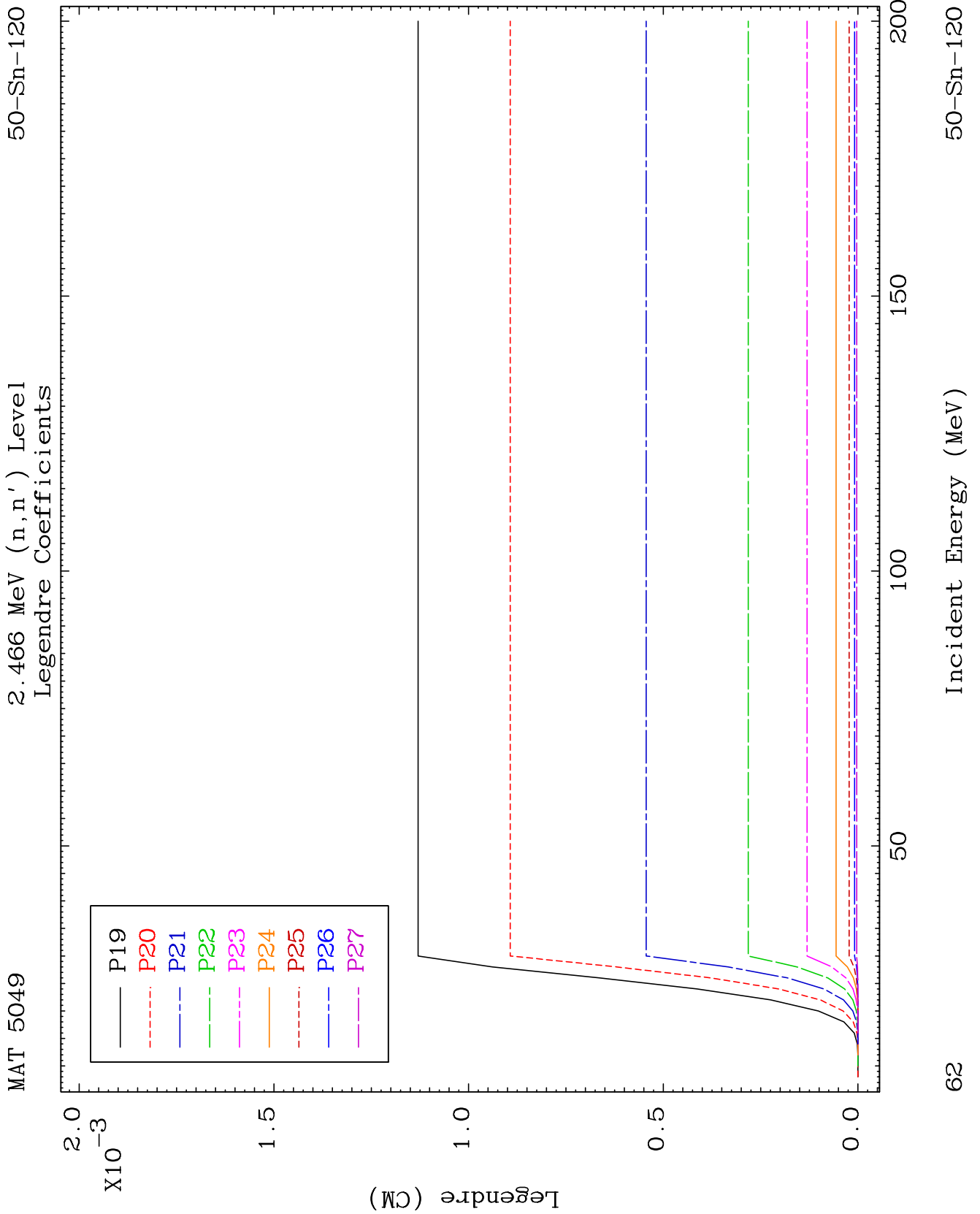
50-Sn-120

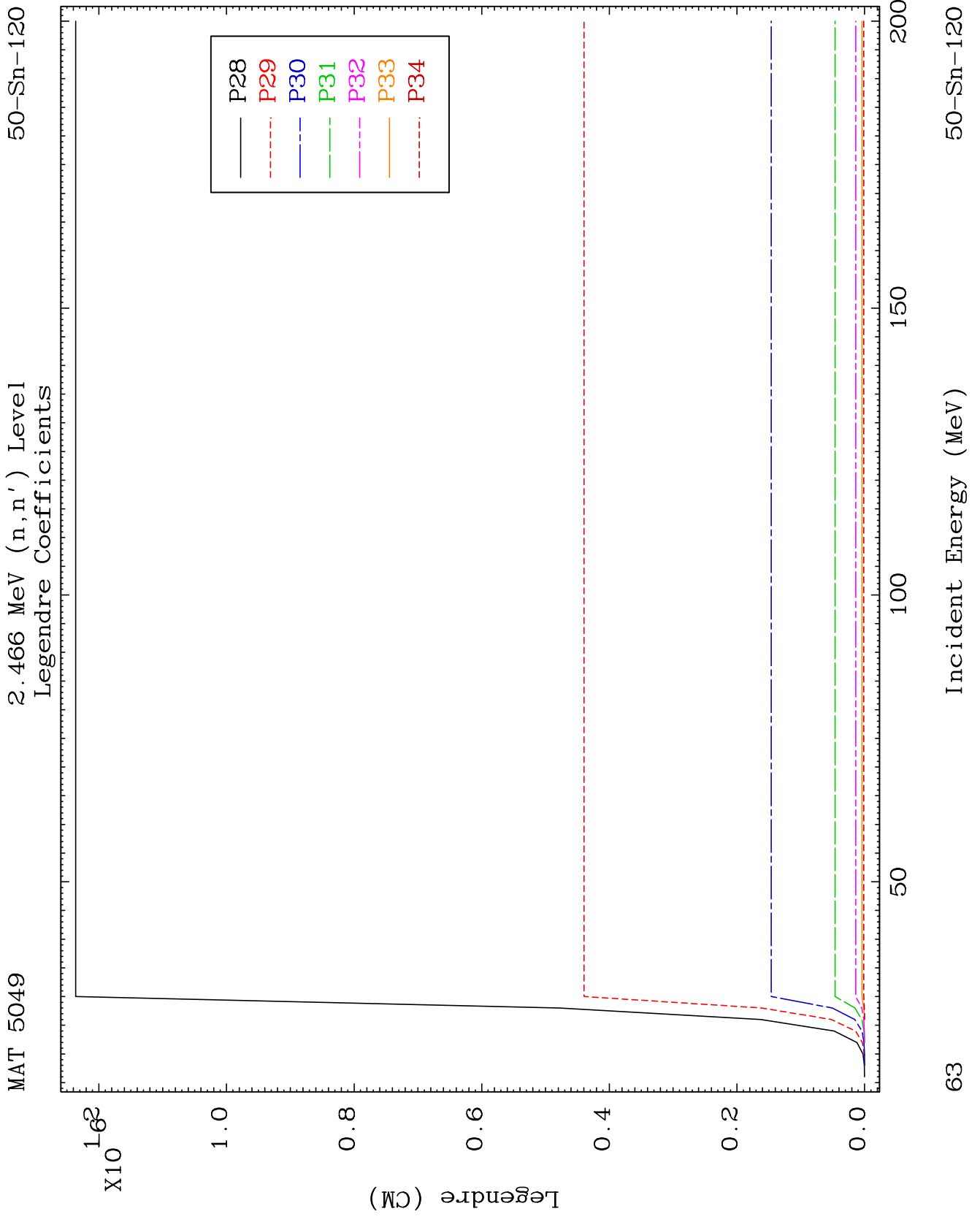


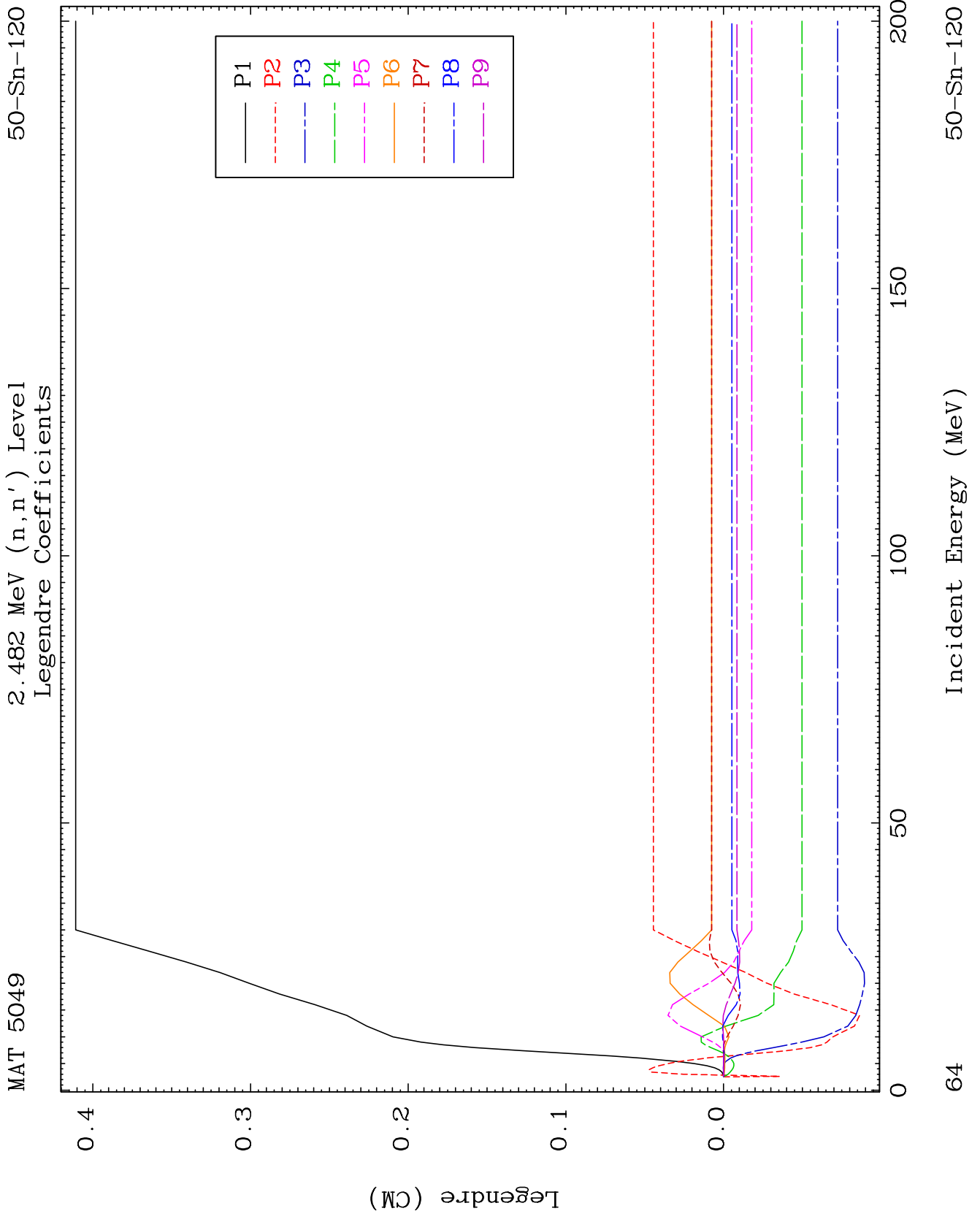
61

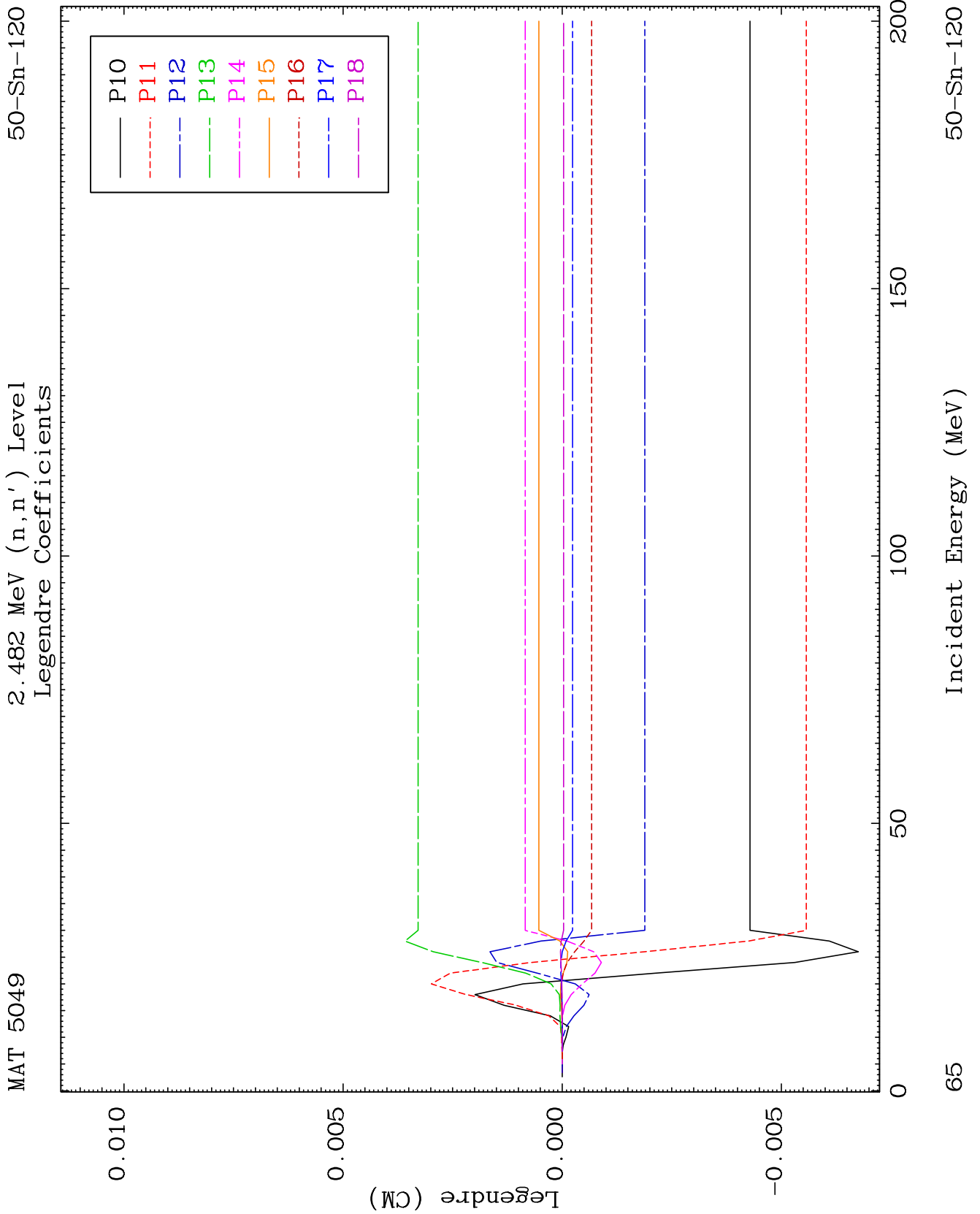
Incident Energy (MeV)

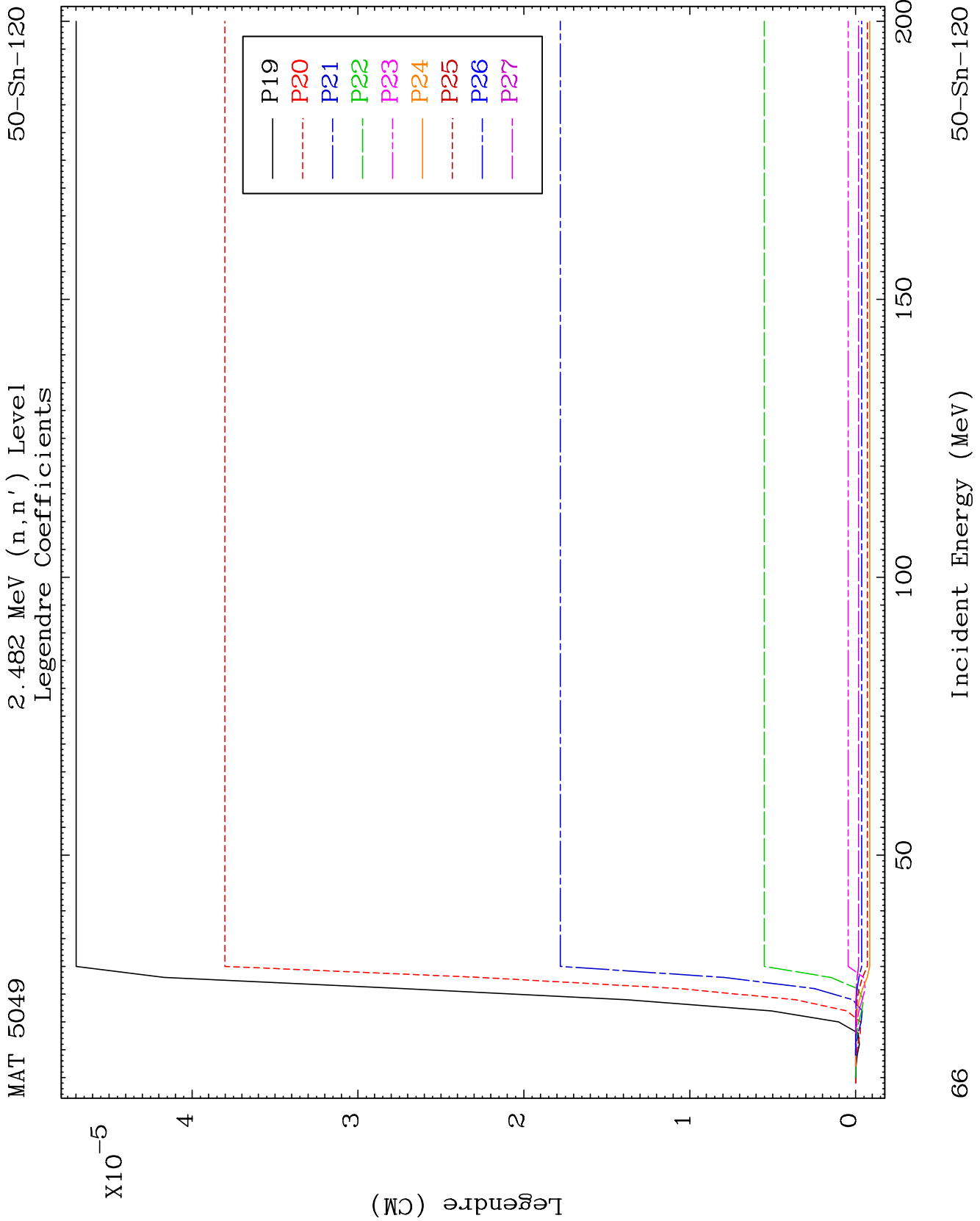
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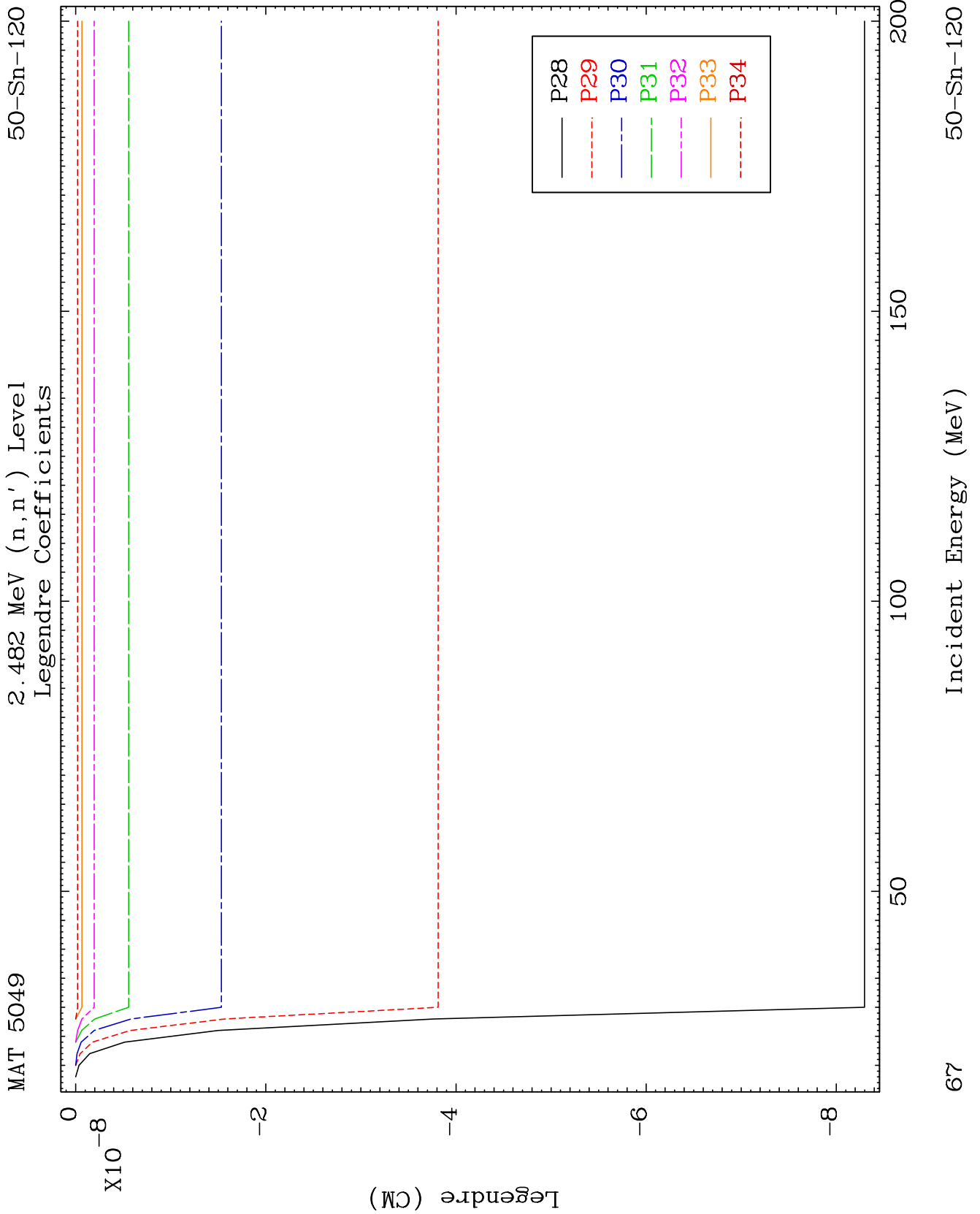








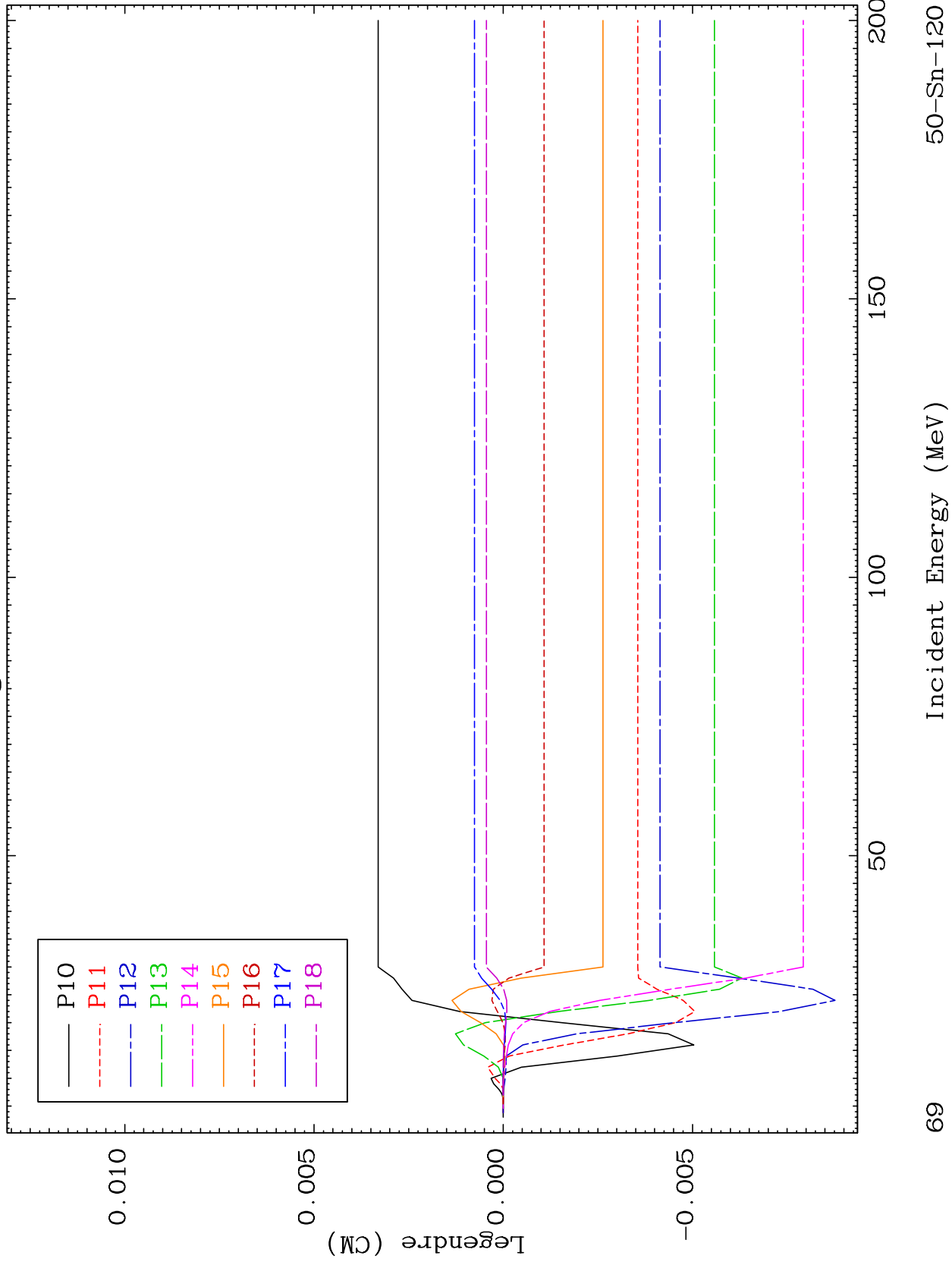




MAT 5049

2.540 MeV (n,n') Level
Legendre Coefficients

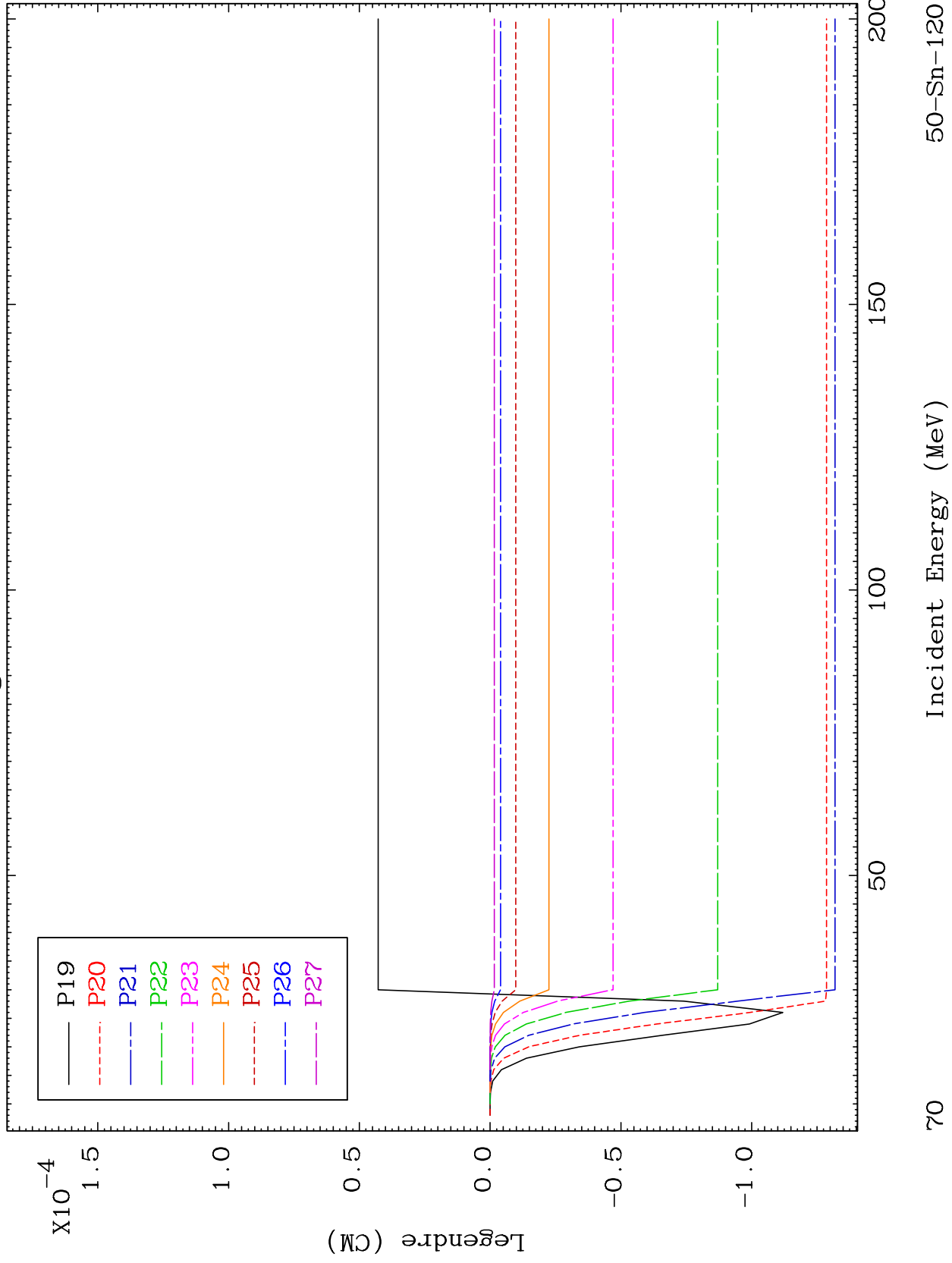
50-Sn-120

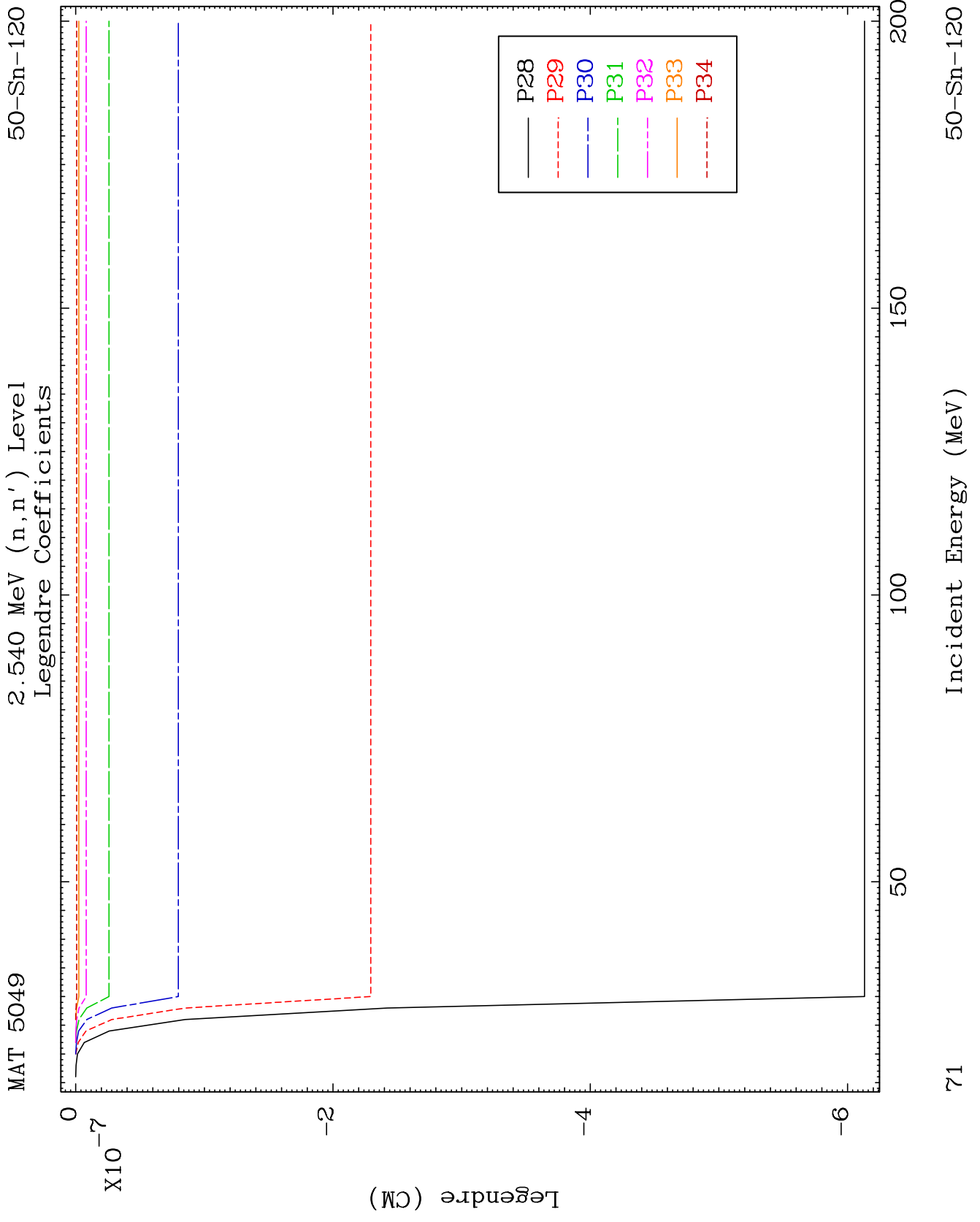


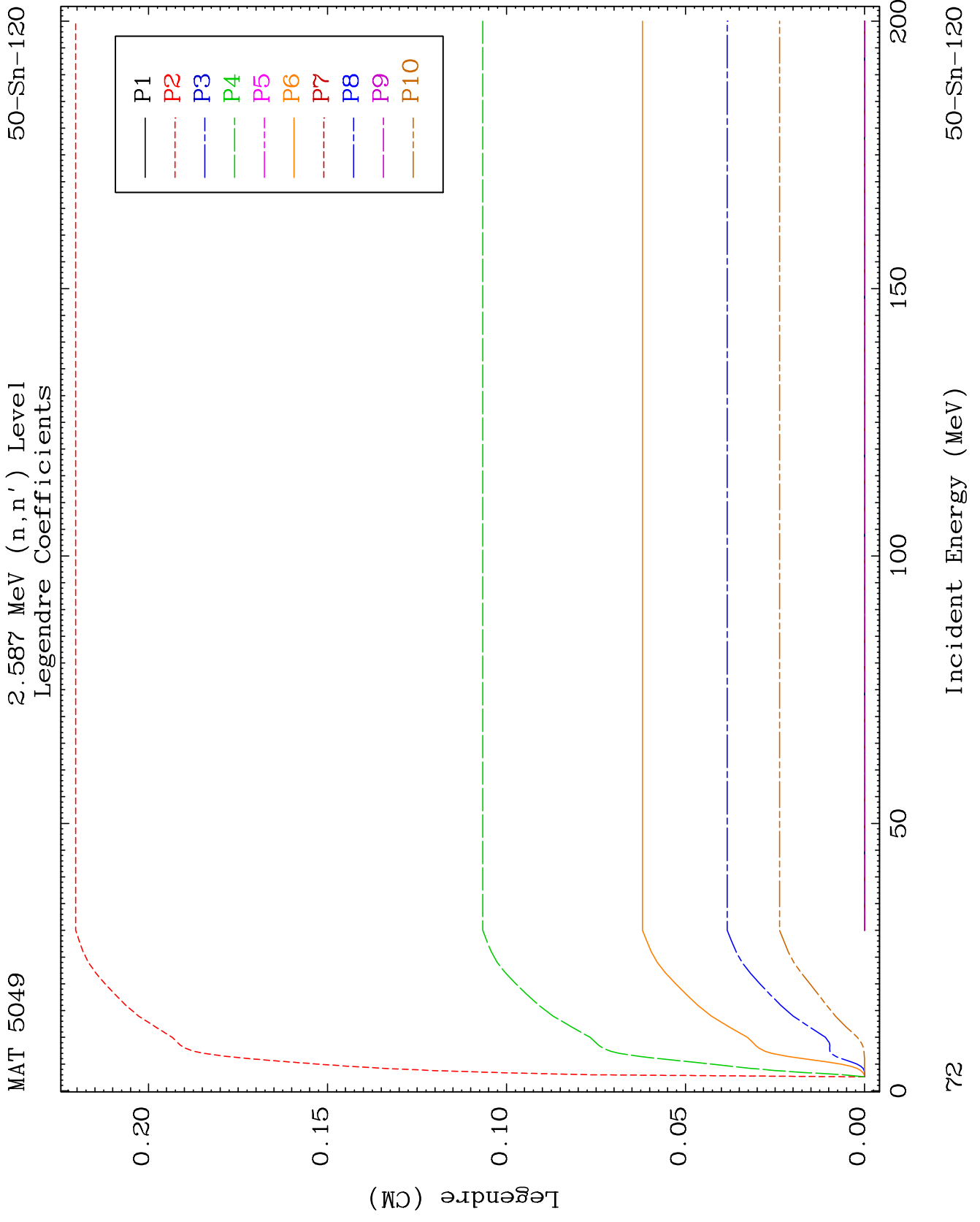
MAT 5049

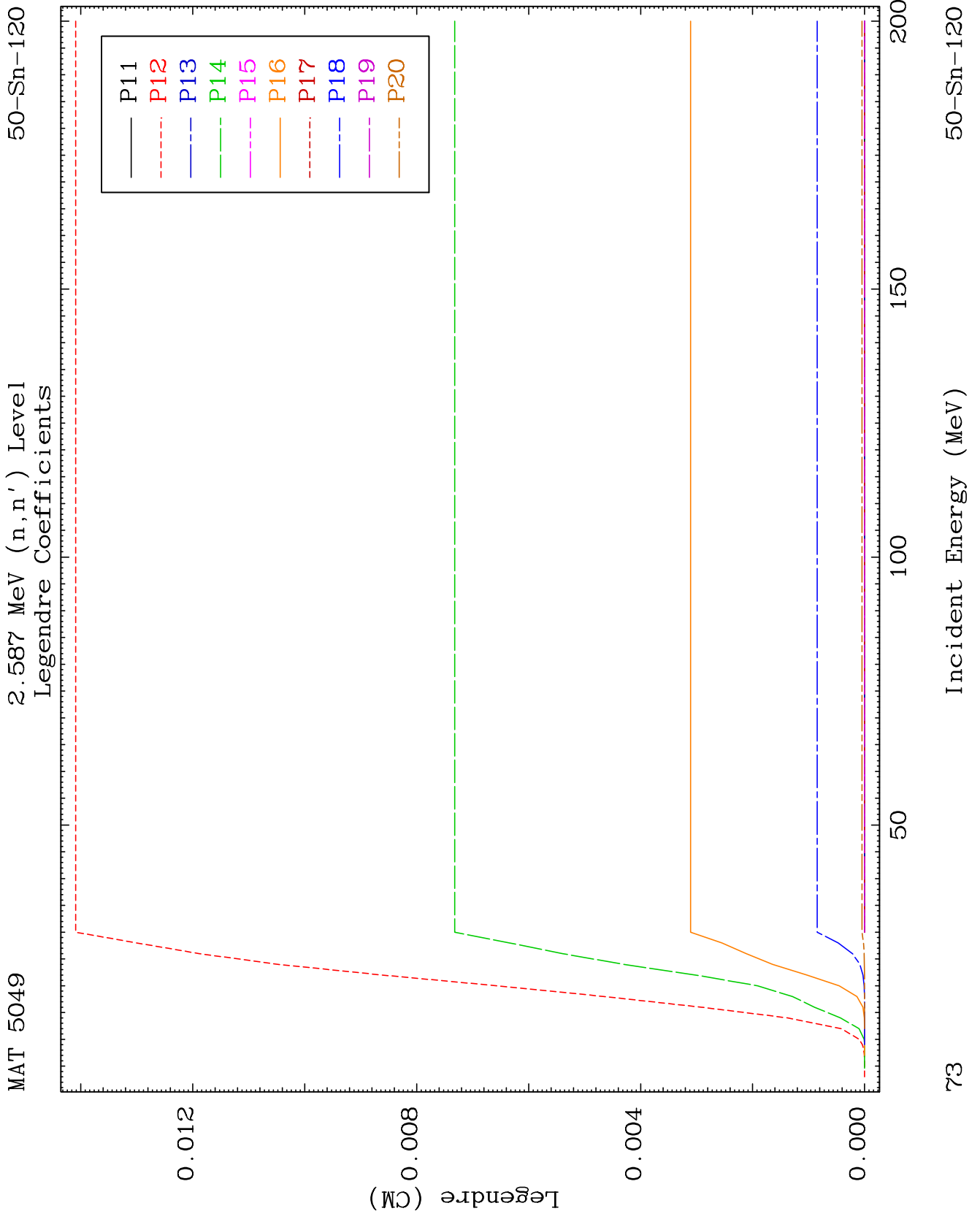
2.540 MeV (n,n') Level
Legendre Coefficients

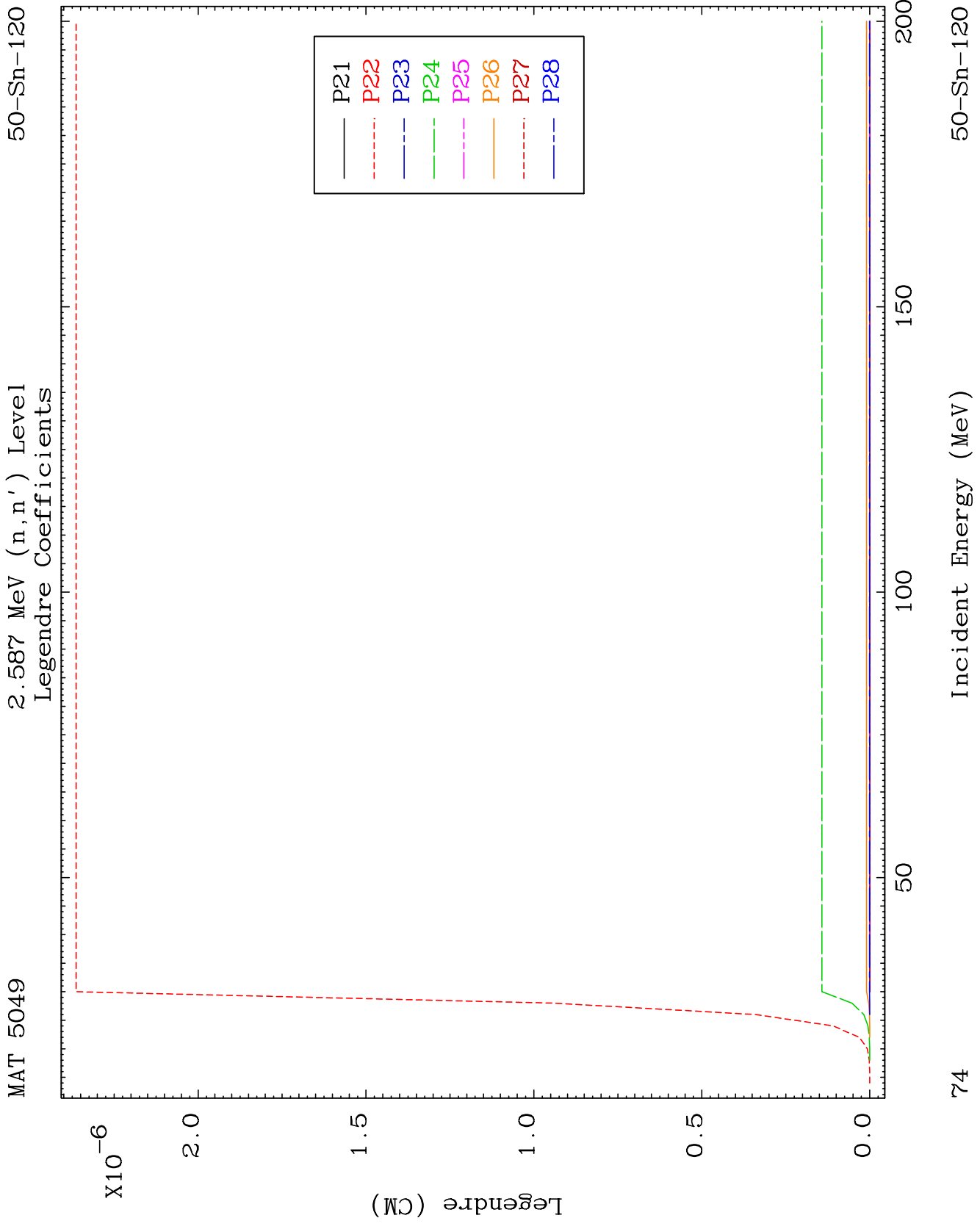
50-Sn-120

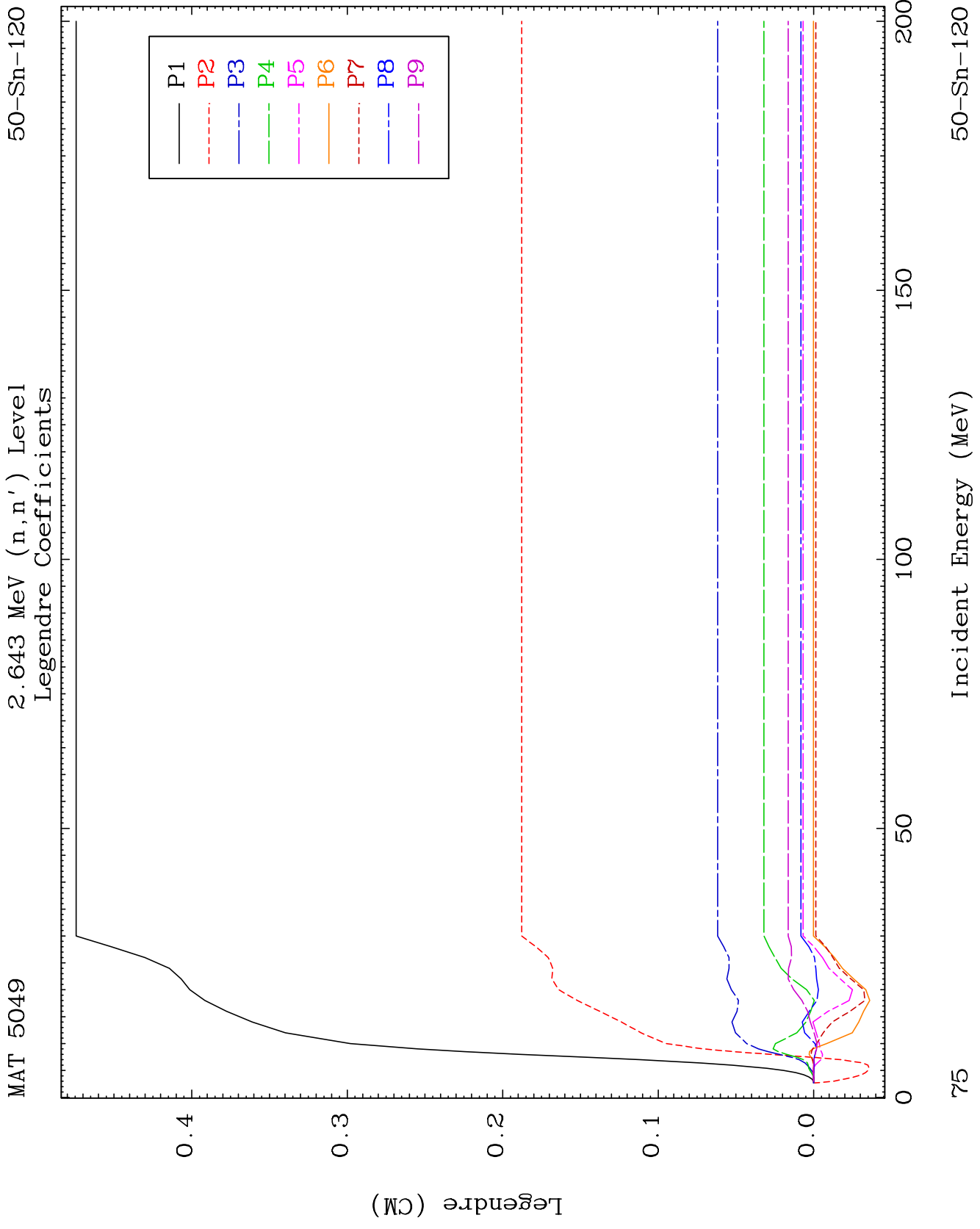








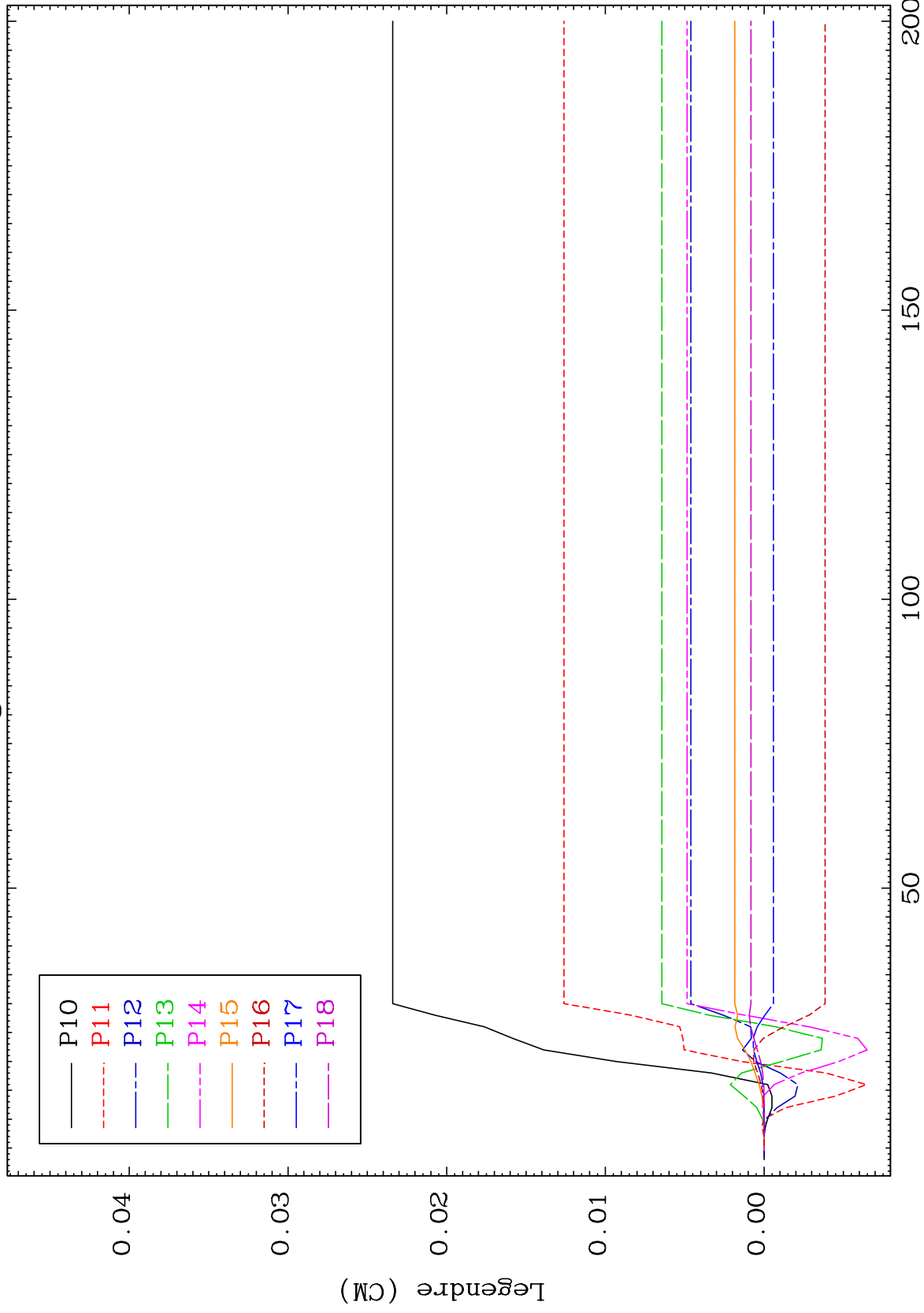




MAT 5049

2.643 MeV (n,n') Level
Legendre Coefficients

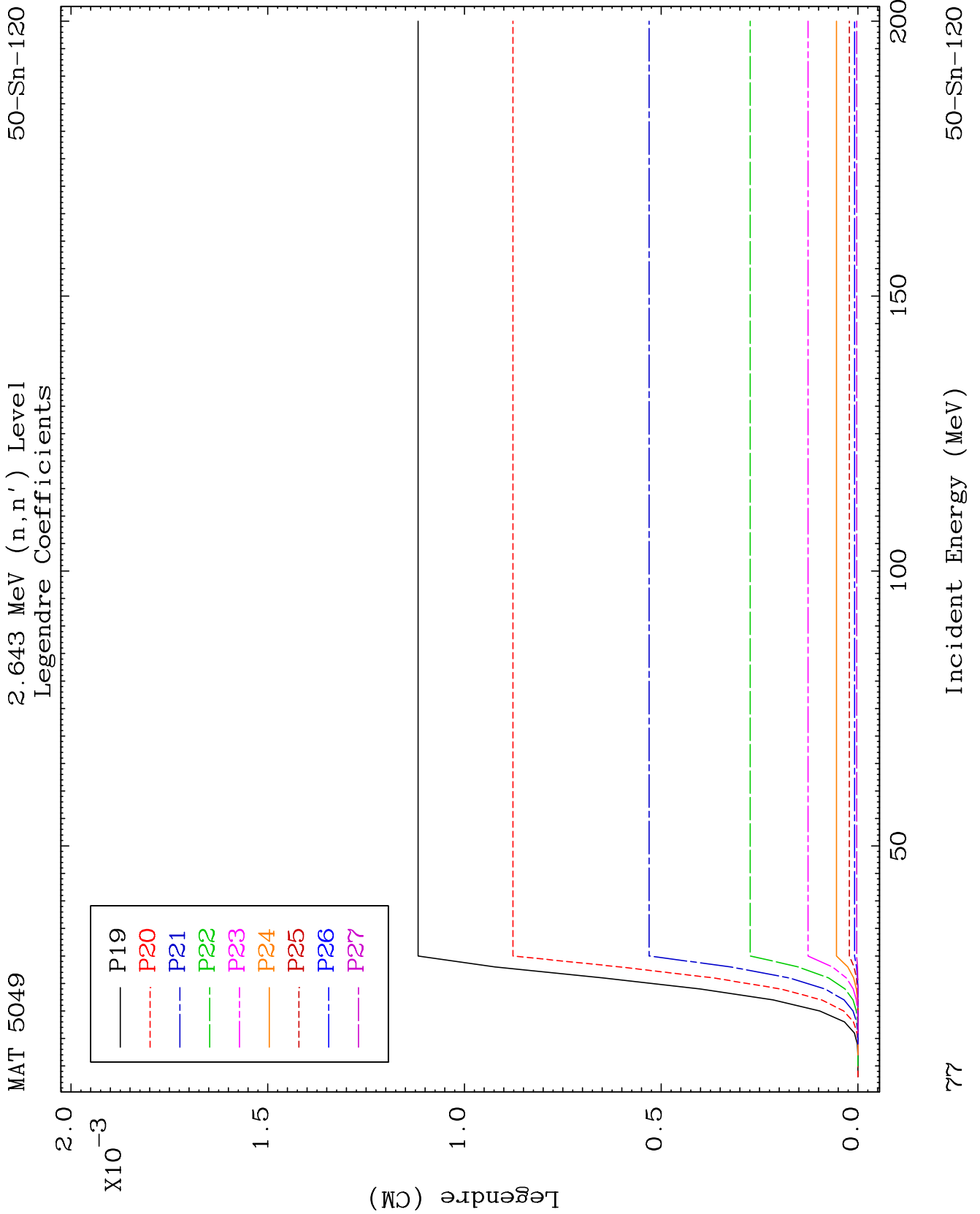
50-Sn-120

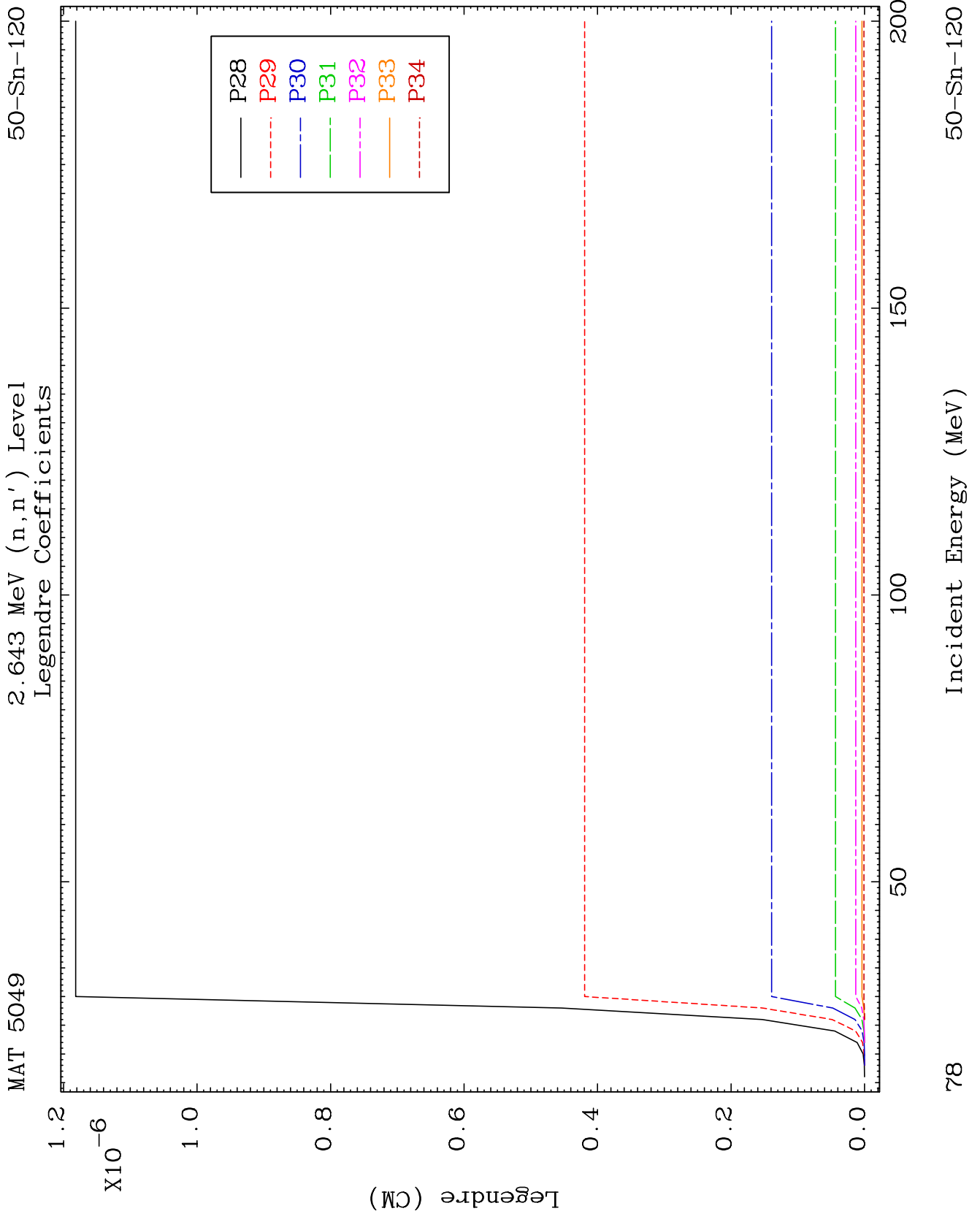


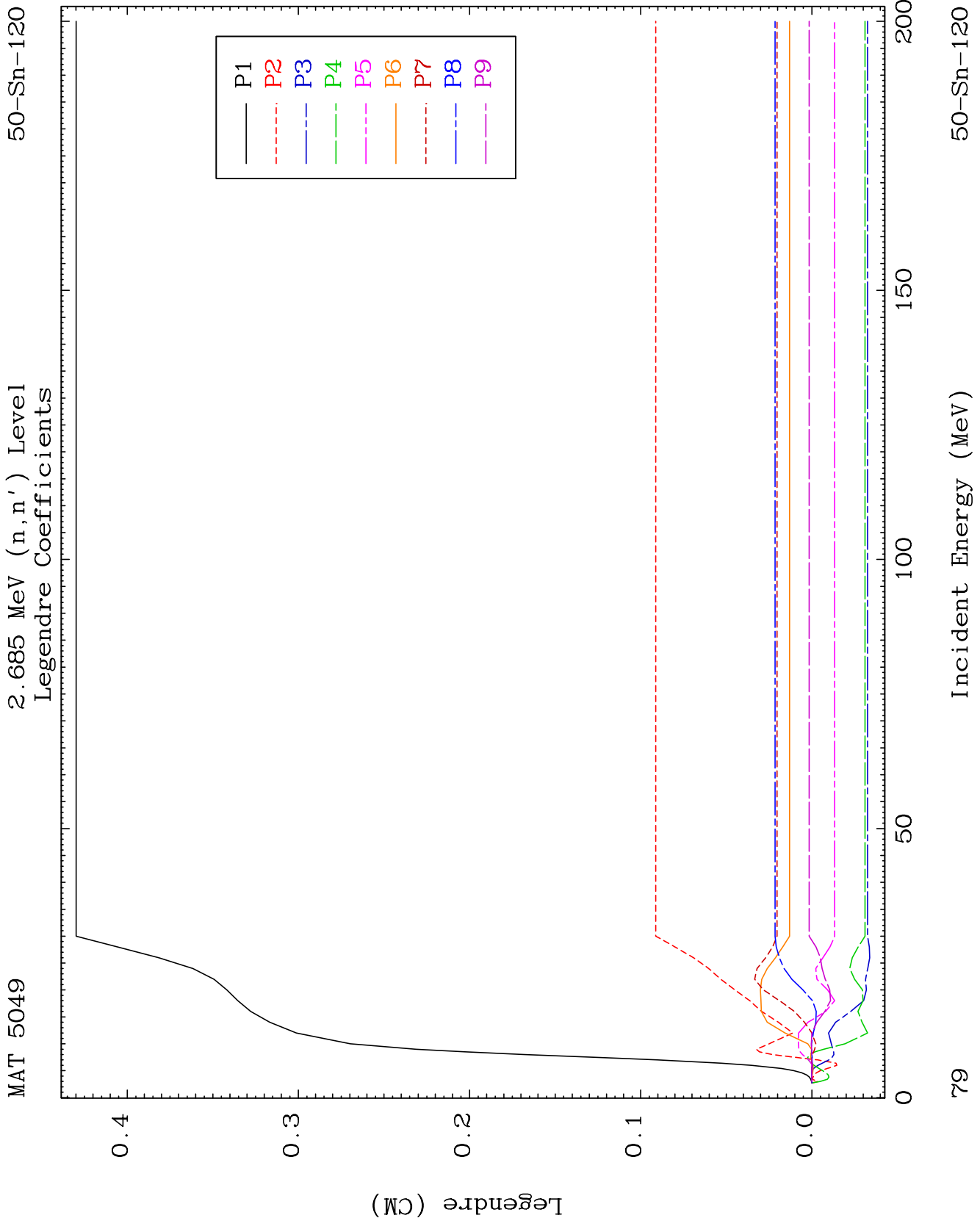
76

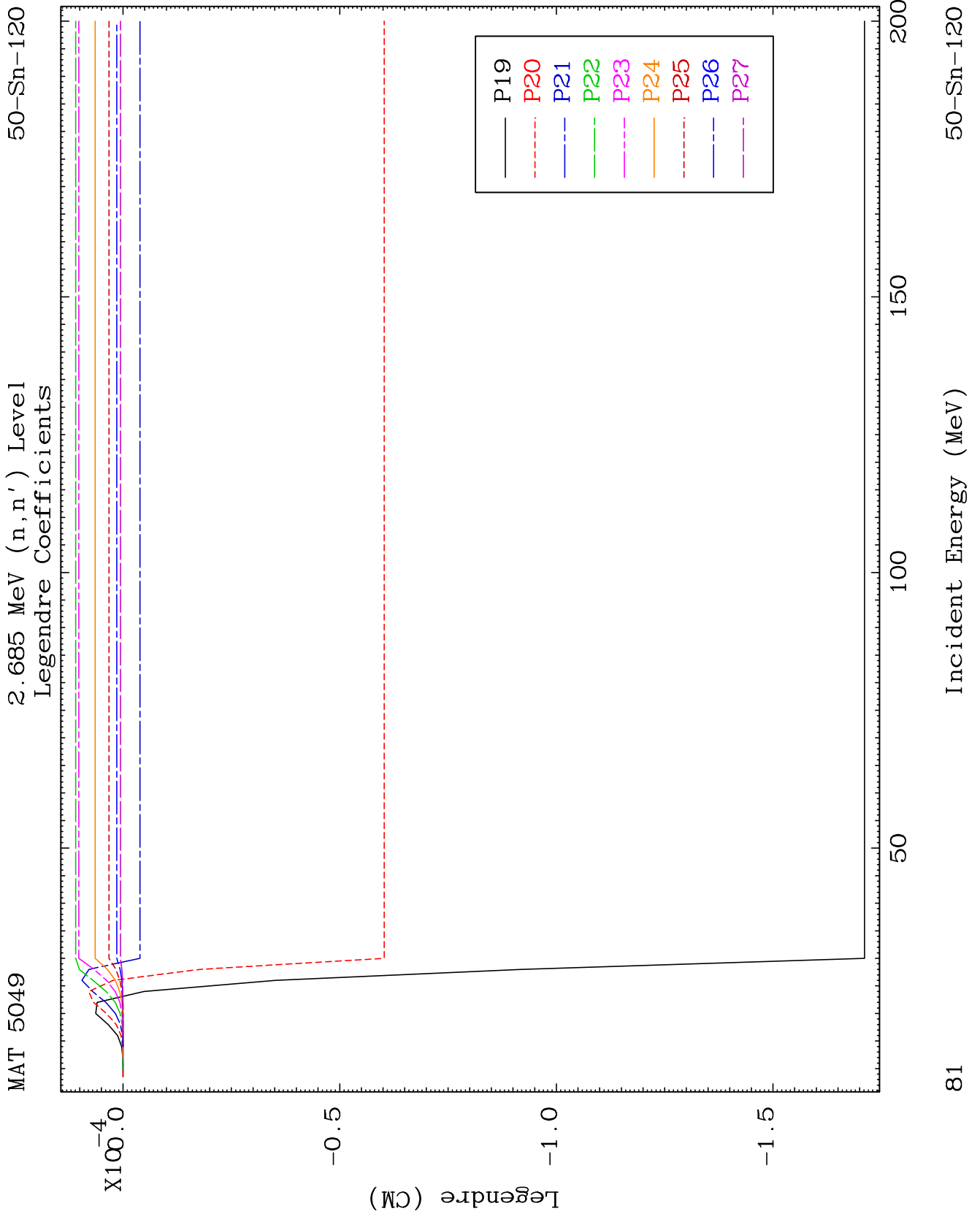
Incident Energy (MeV)

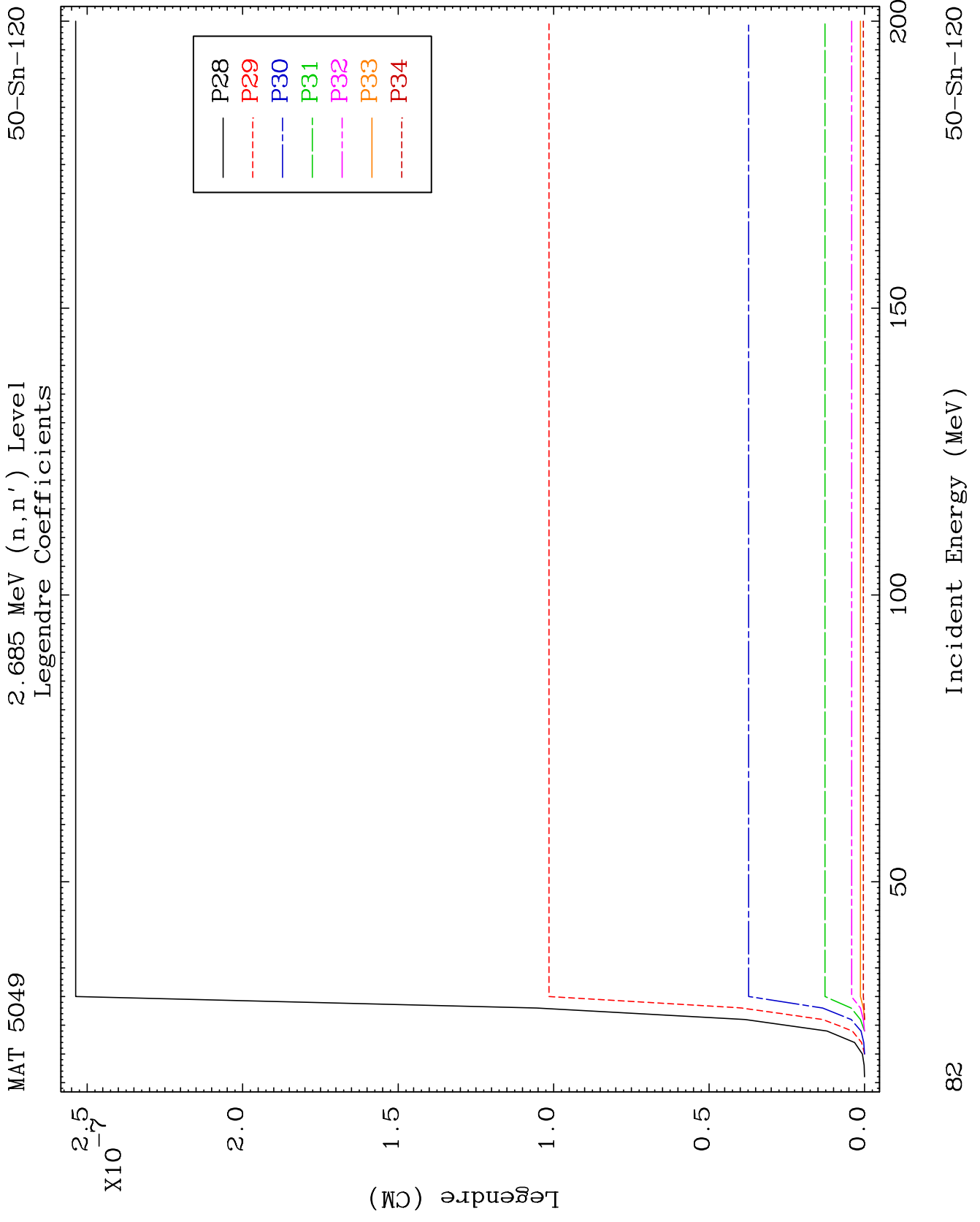
50-Sn-120

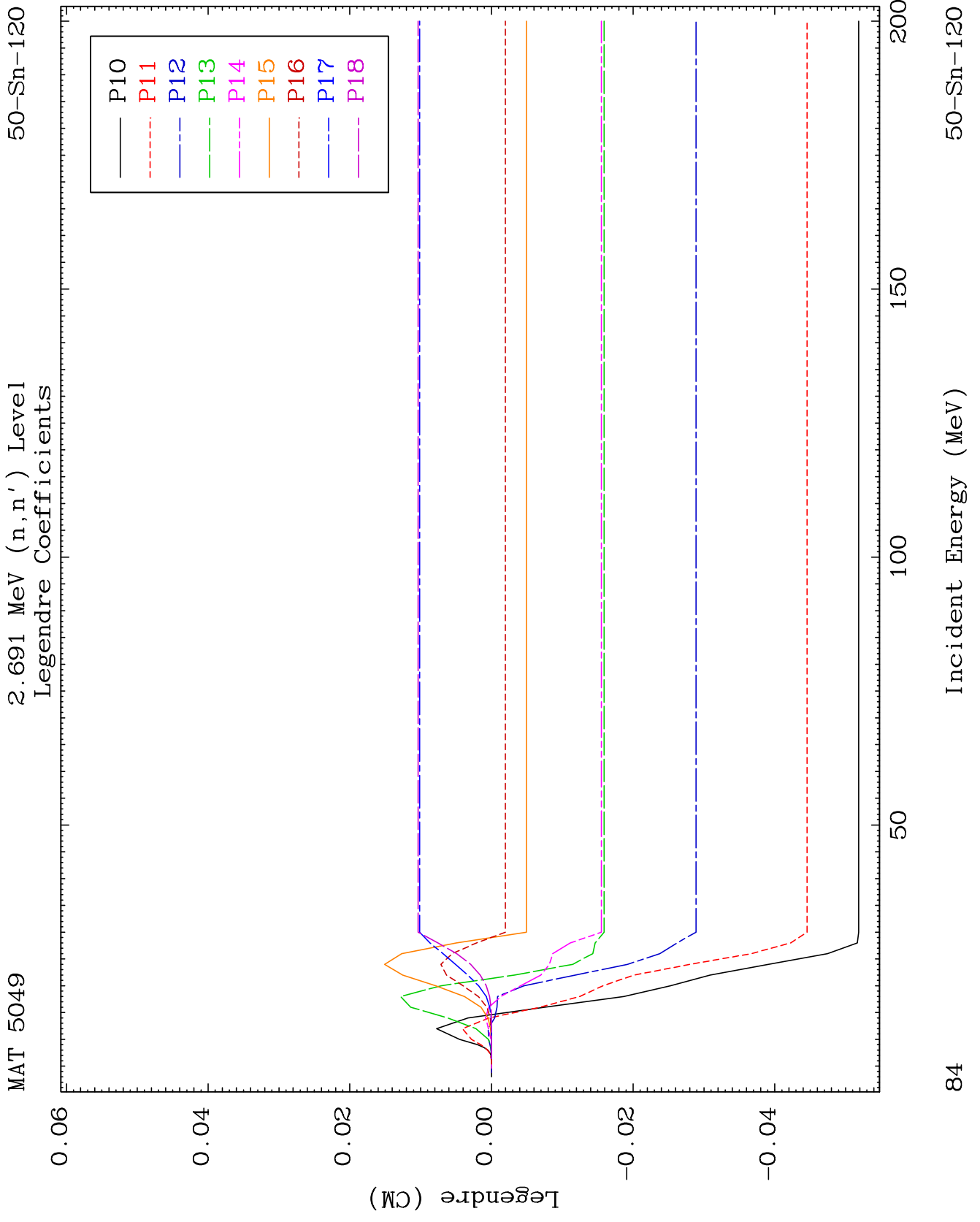


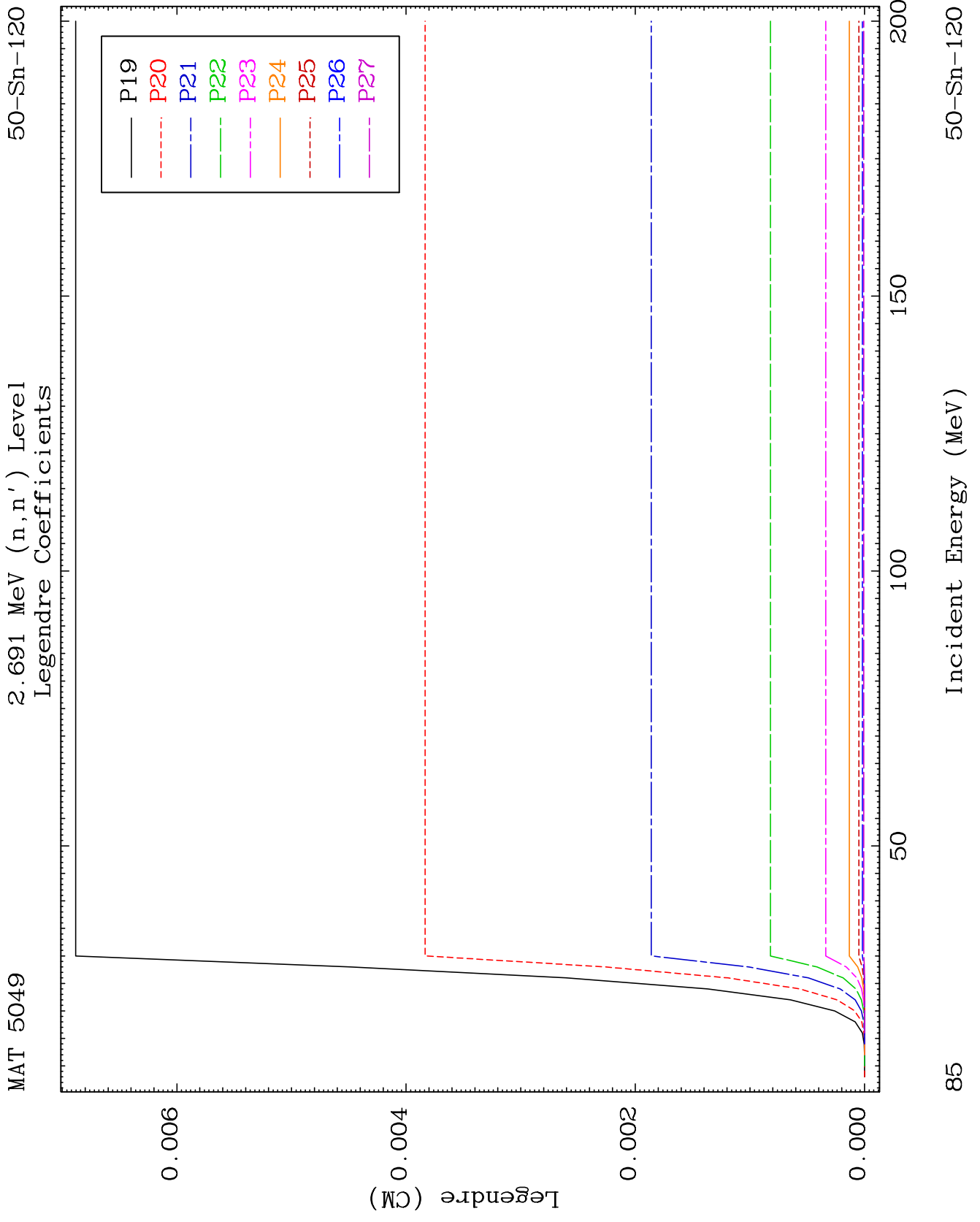


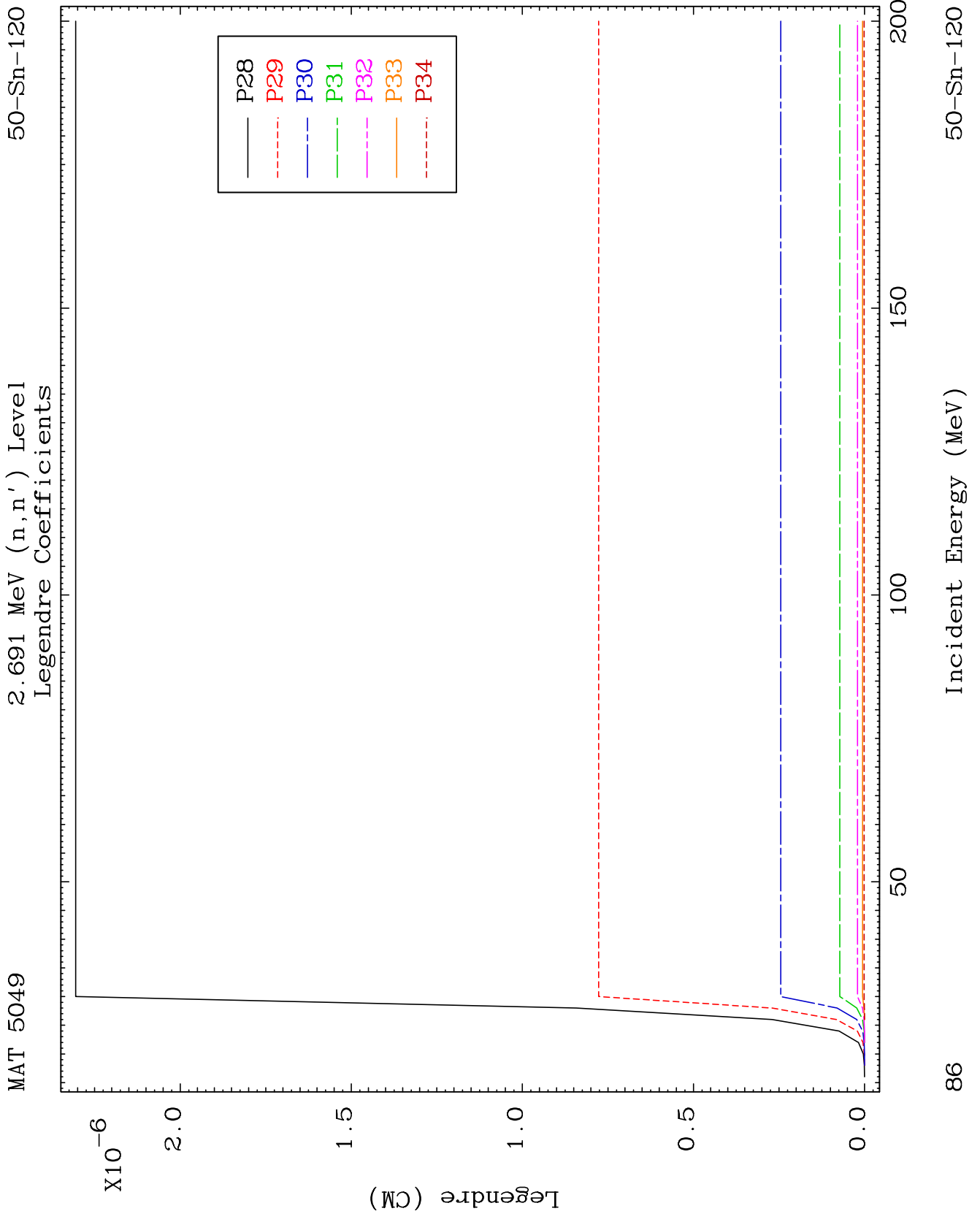


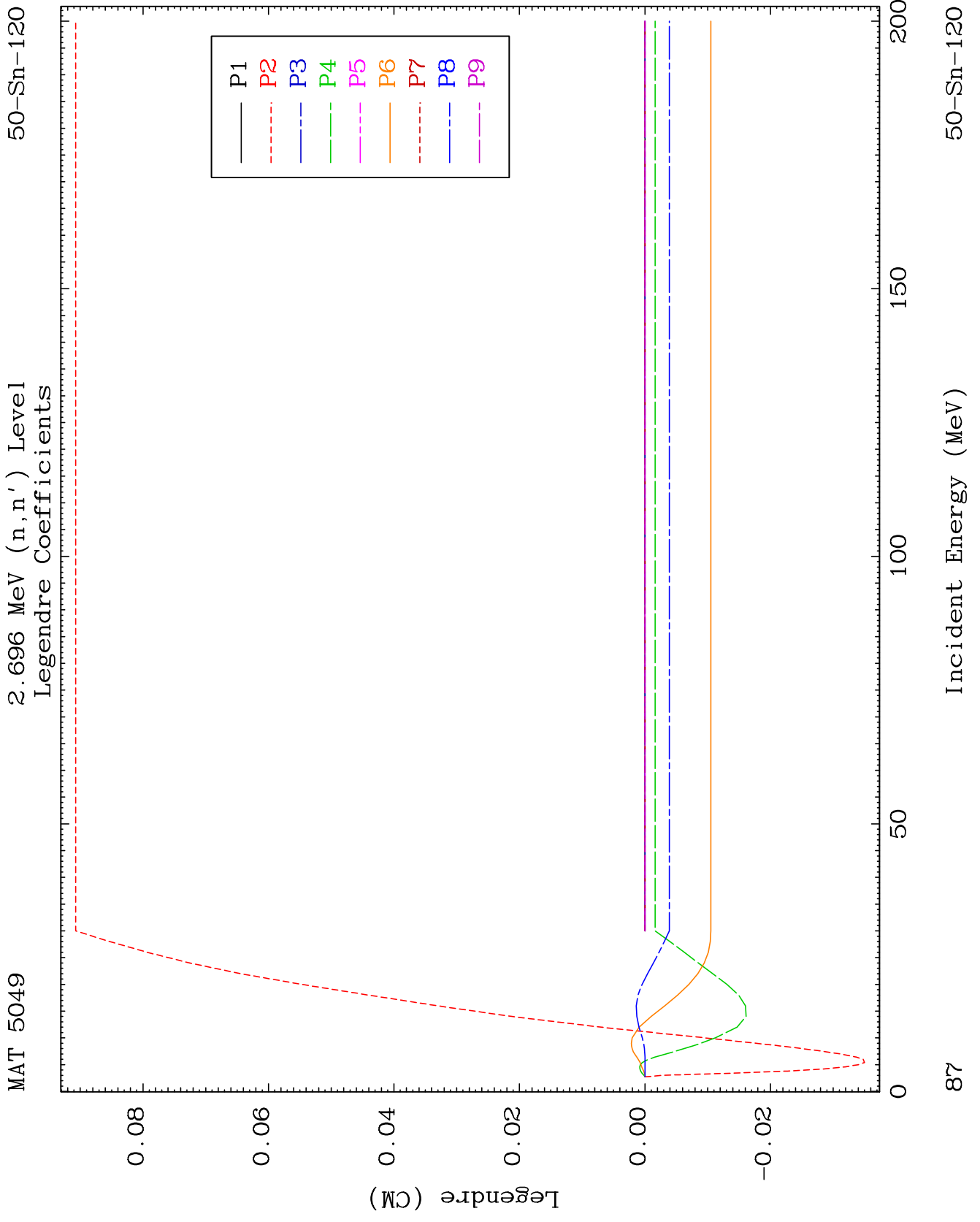








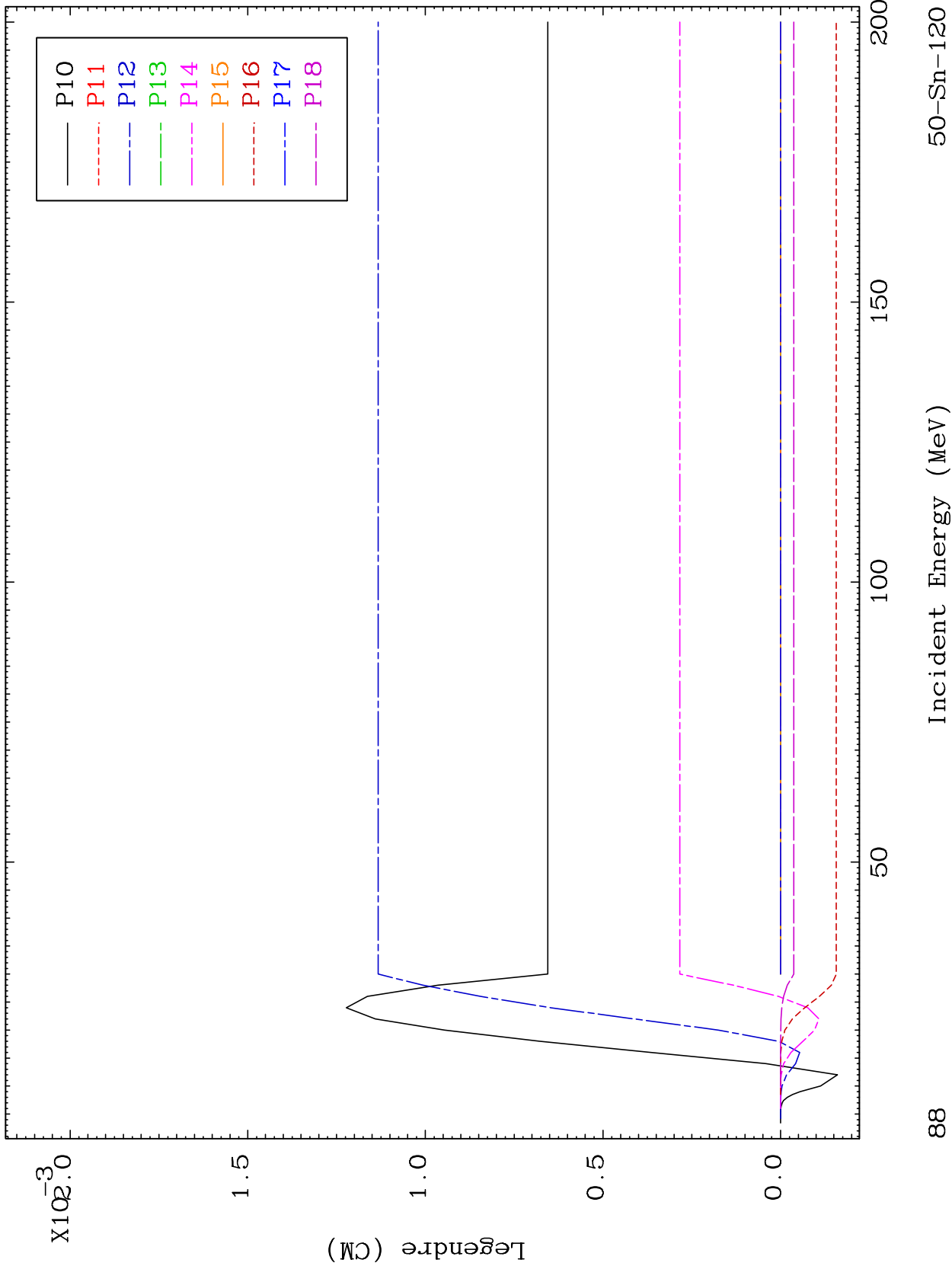


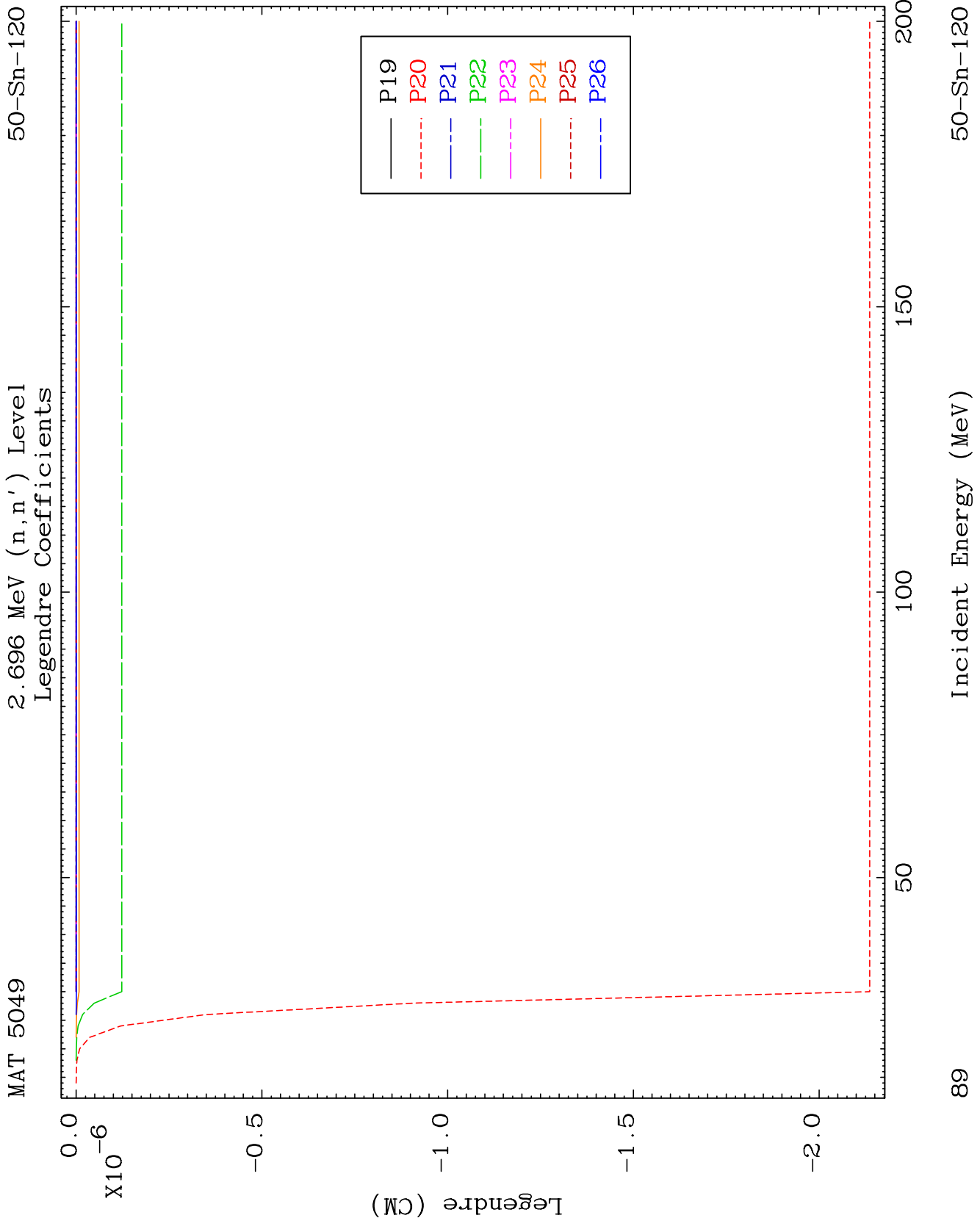


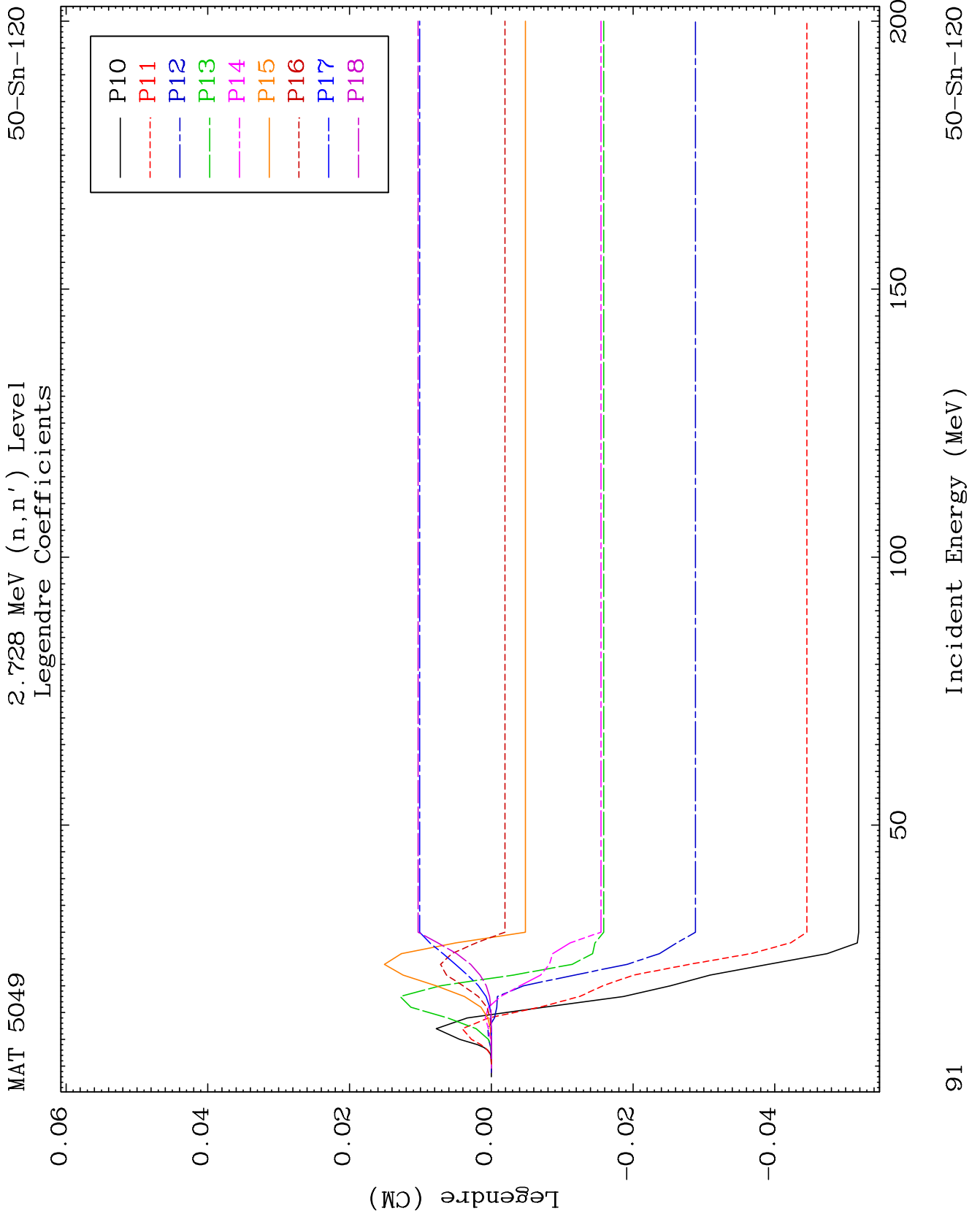
MAT 5049

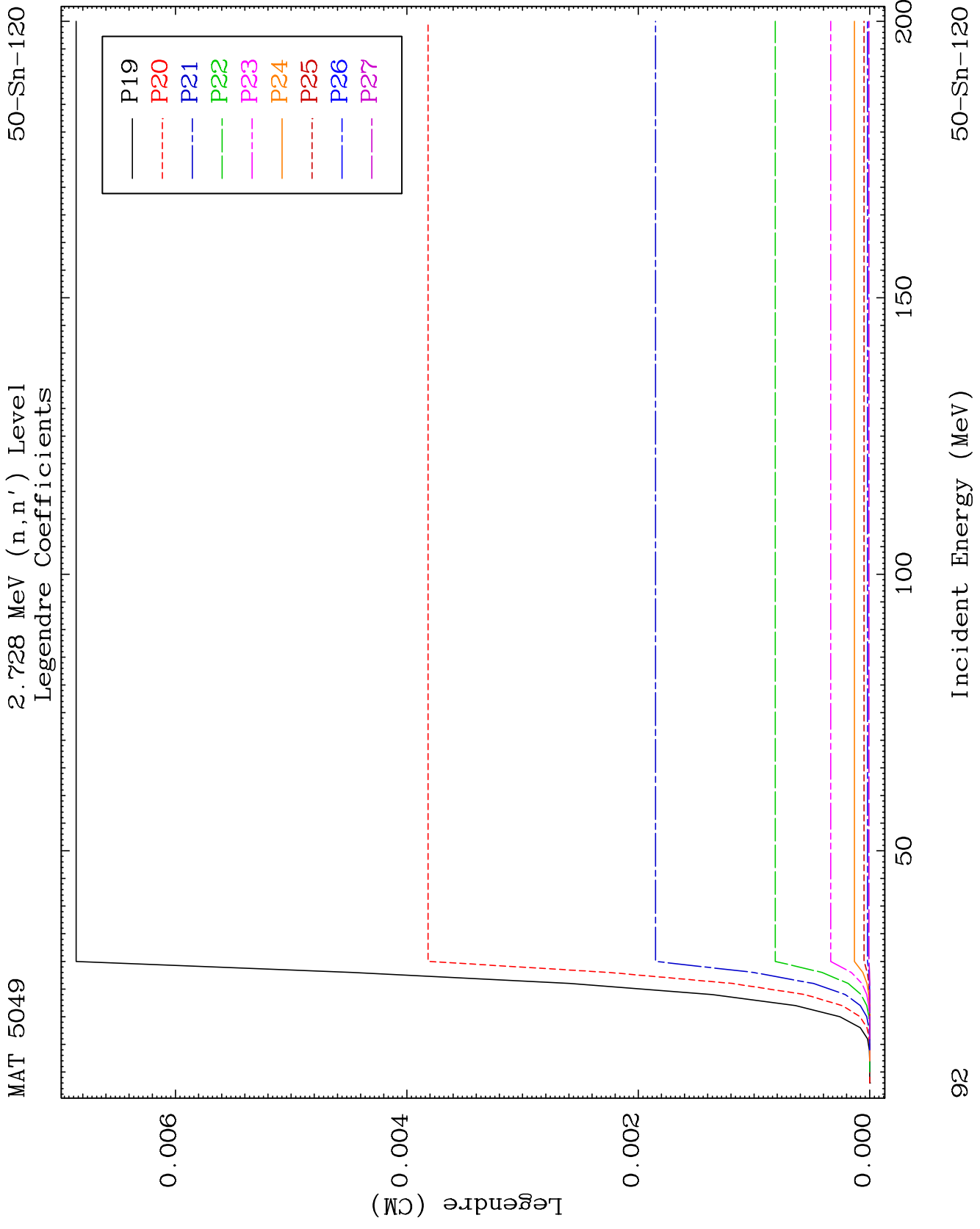
2.696 MeV (n,n') Level
Legendre Coefficients

50-Sn-120





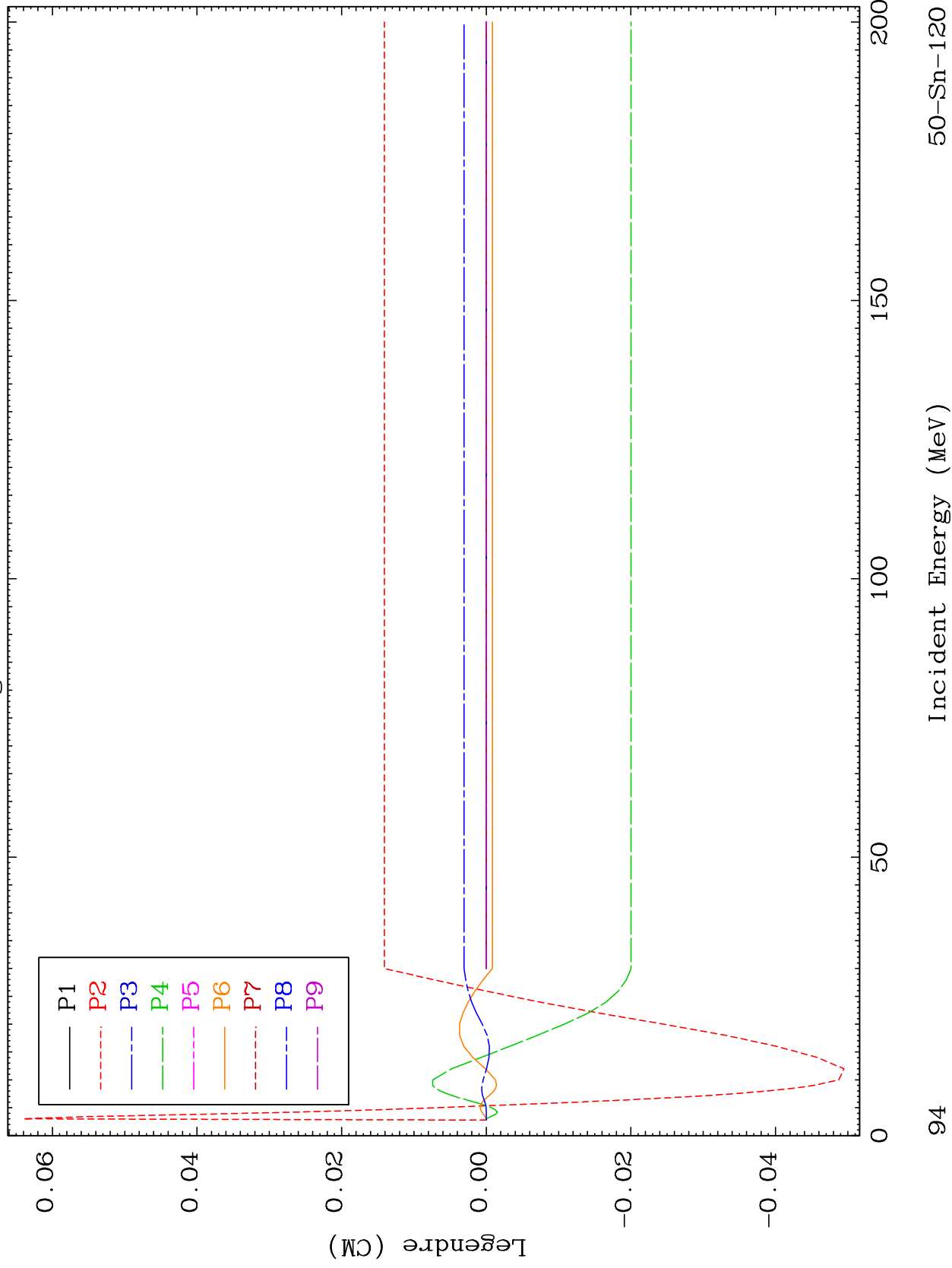




MAT 5049

2.750 MeV (n,n') Level
Legendre Coefficients

50-Sn-120



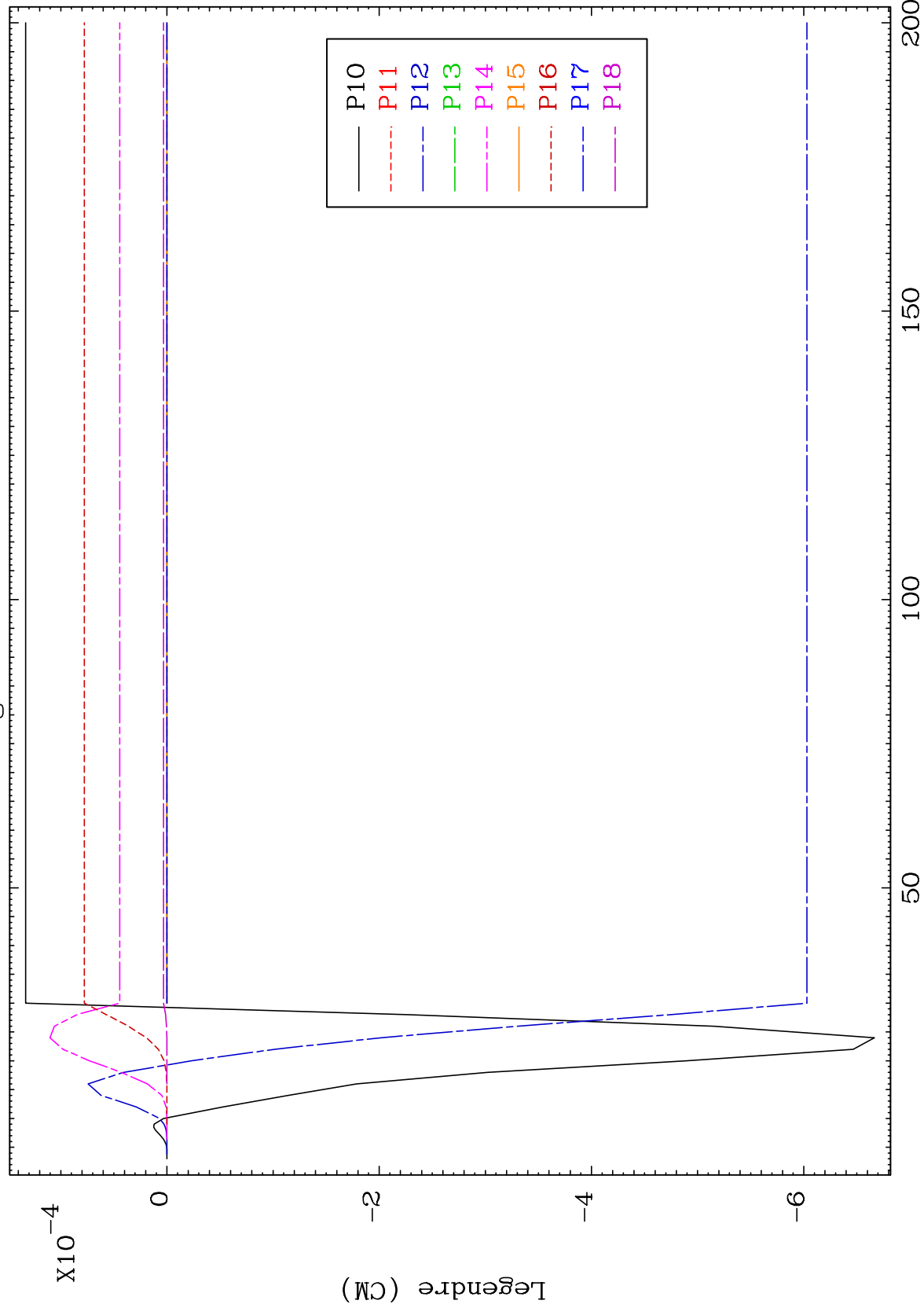
94

50-Sn-120

MAT 5049

2.750 MeV (n,n') Level
Legendre Coefficients

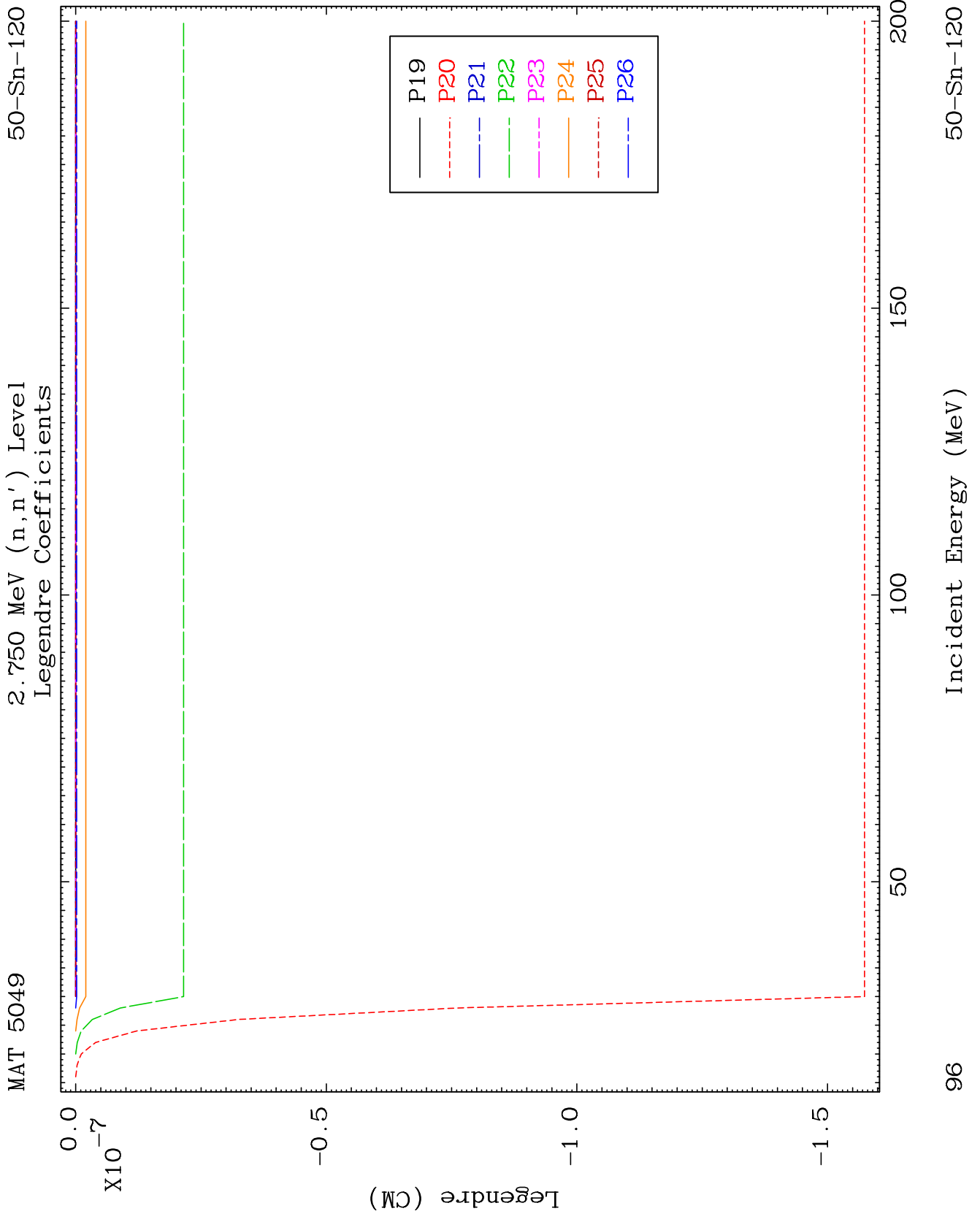
50-Sn-120



95

Incident Energy (MeV)

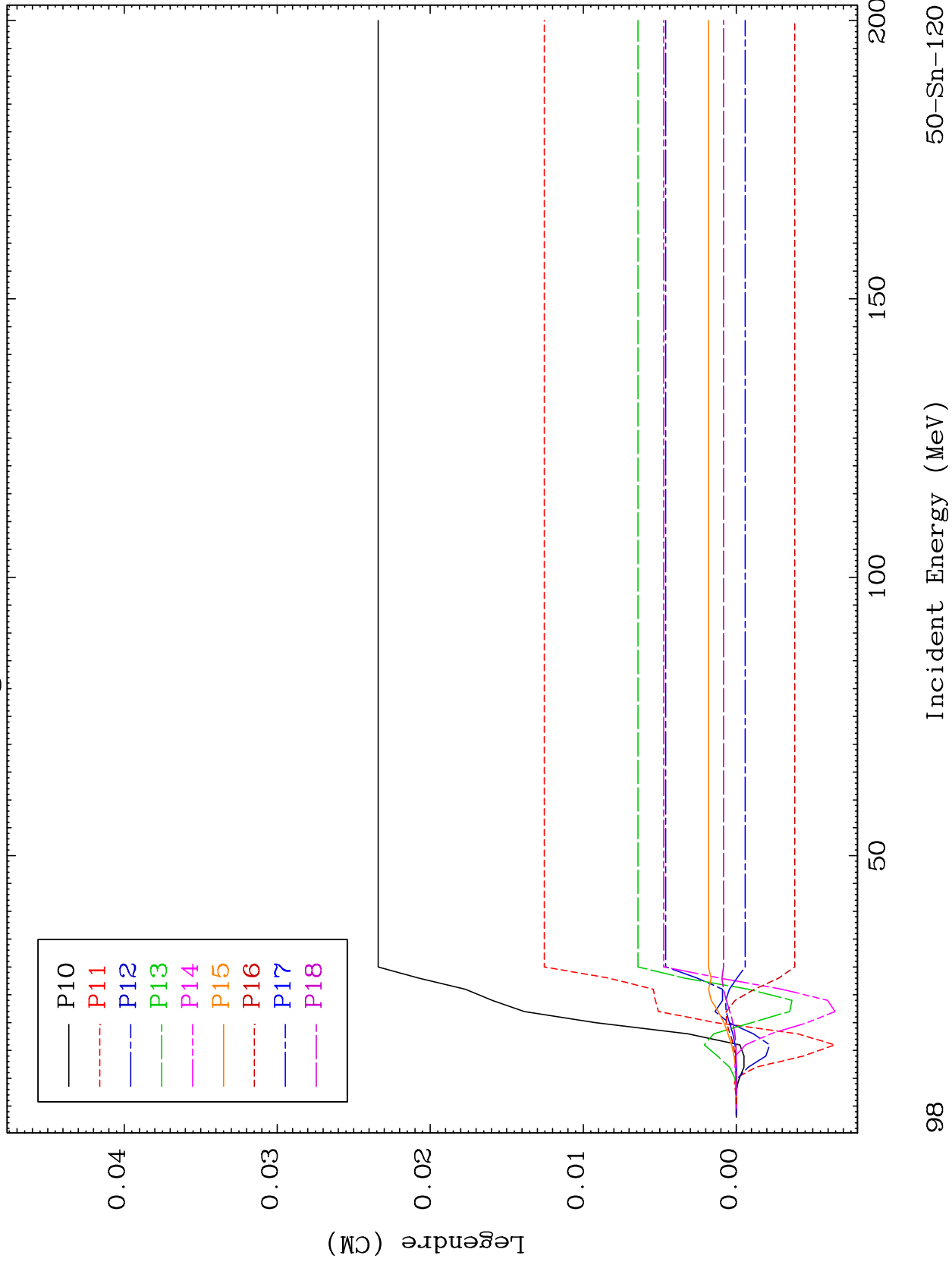
50-Sn-120



MAT 5049

2.751 MeV (n,n') Level
Legendre Coefficients

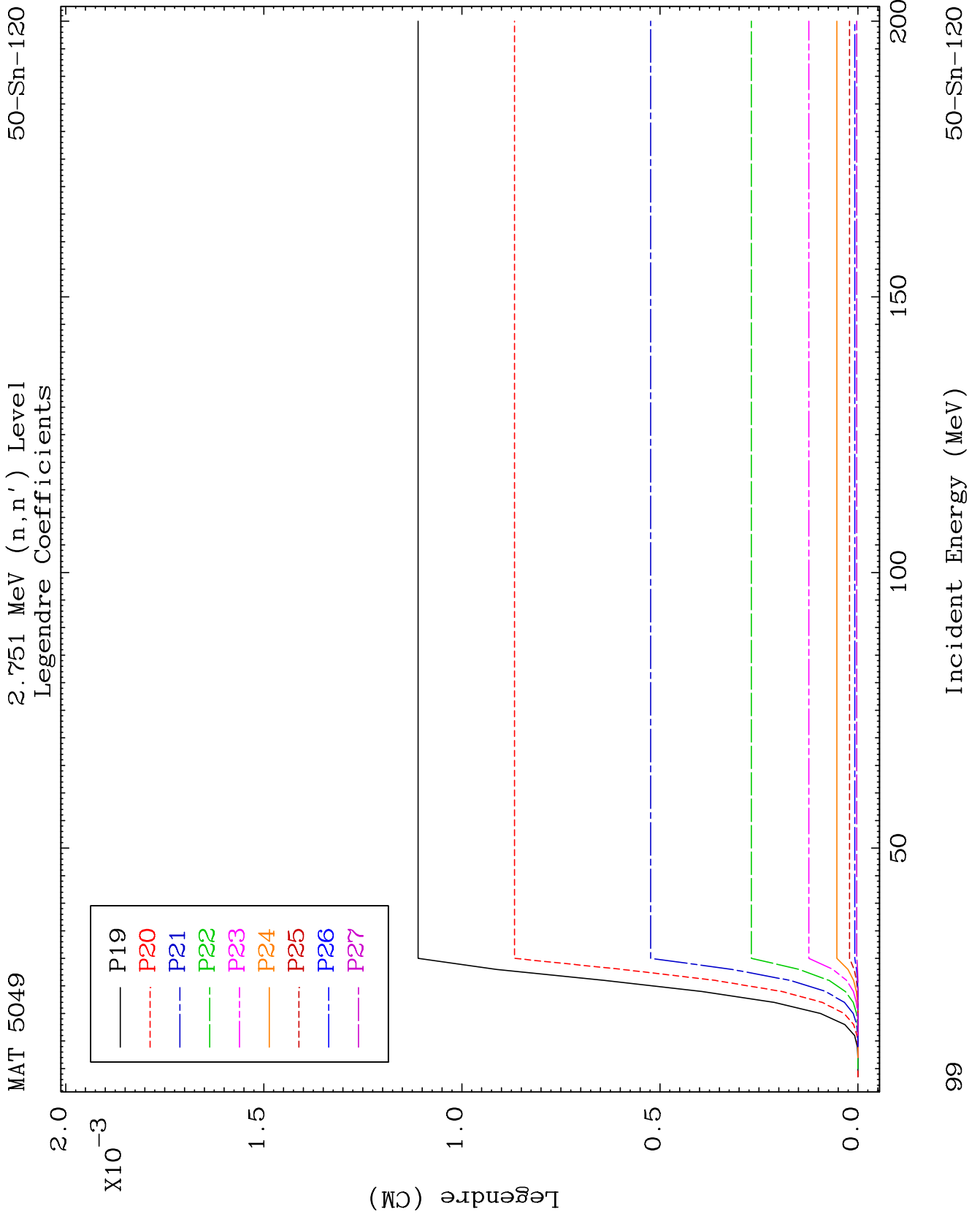
50-Sn-120

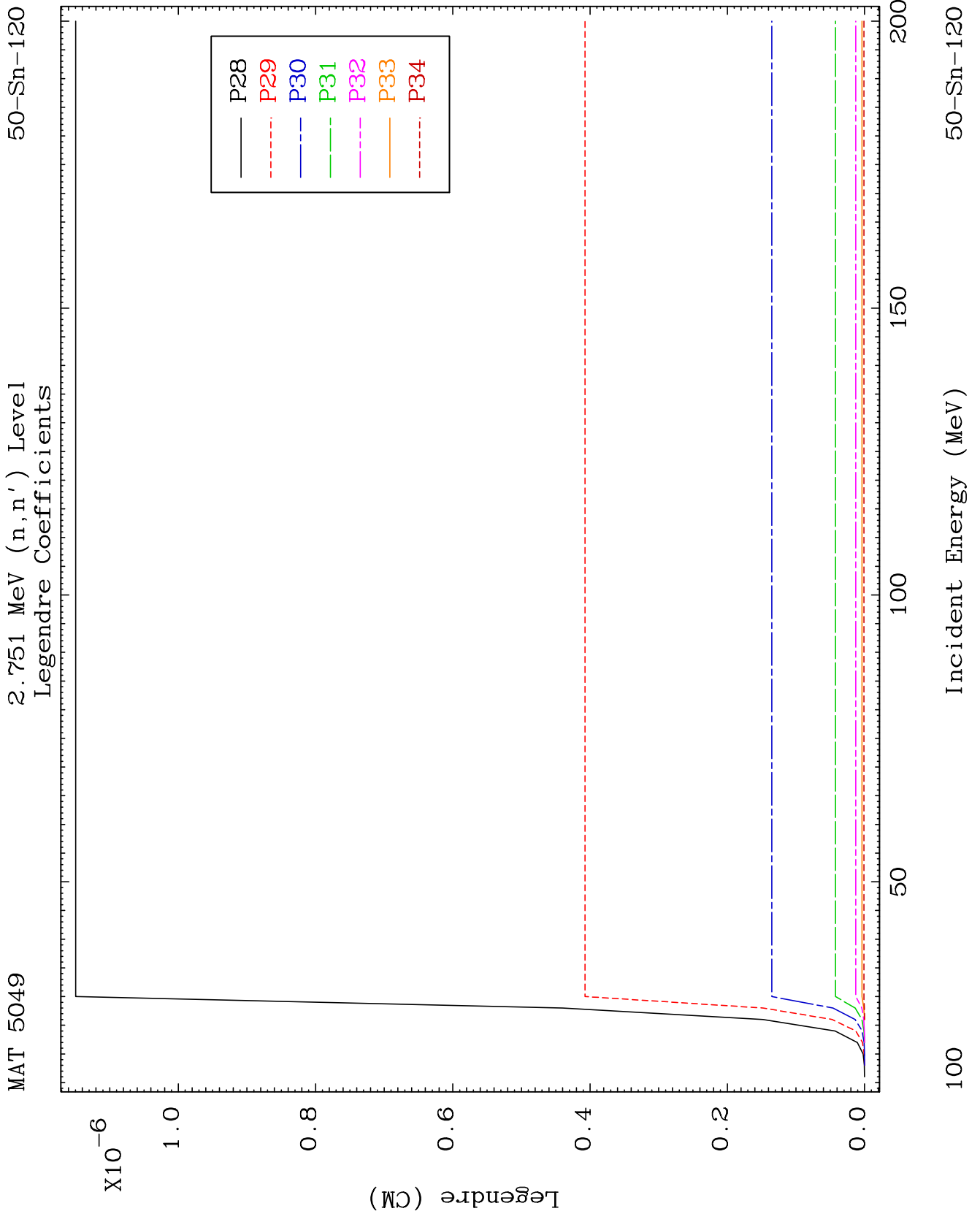


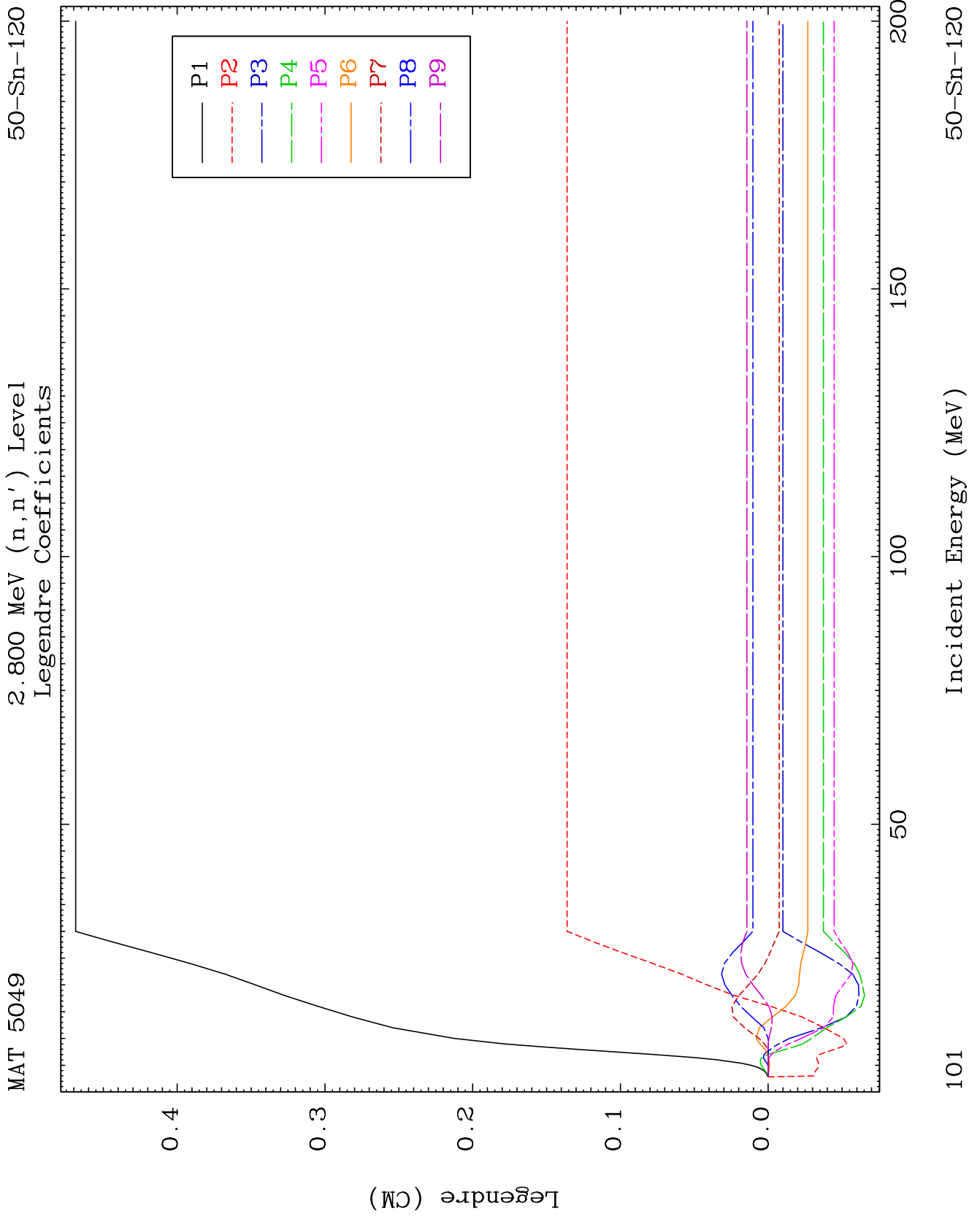
98

Incident Energy (MeV)

50-Sn-120



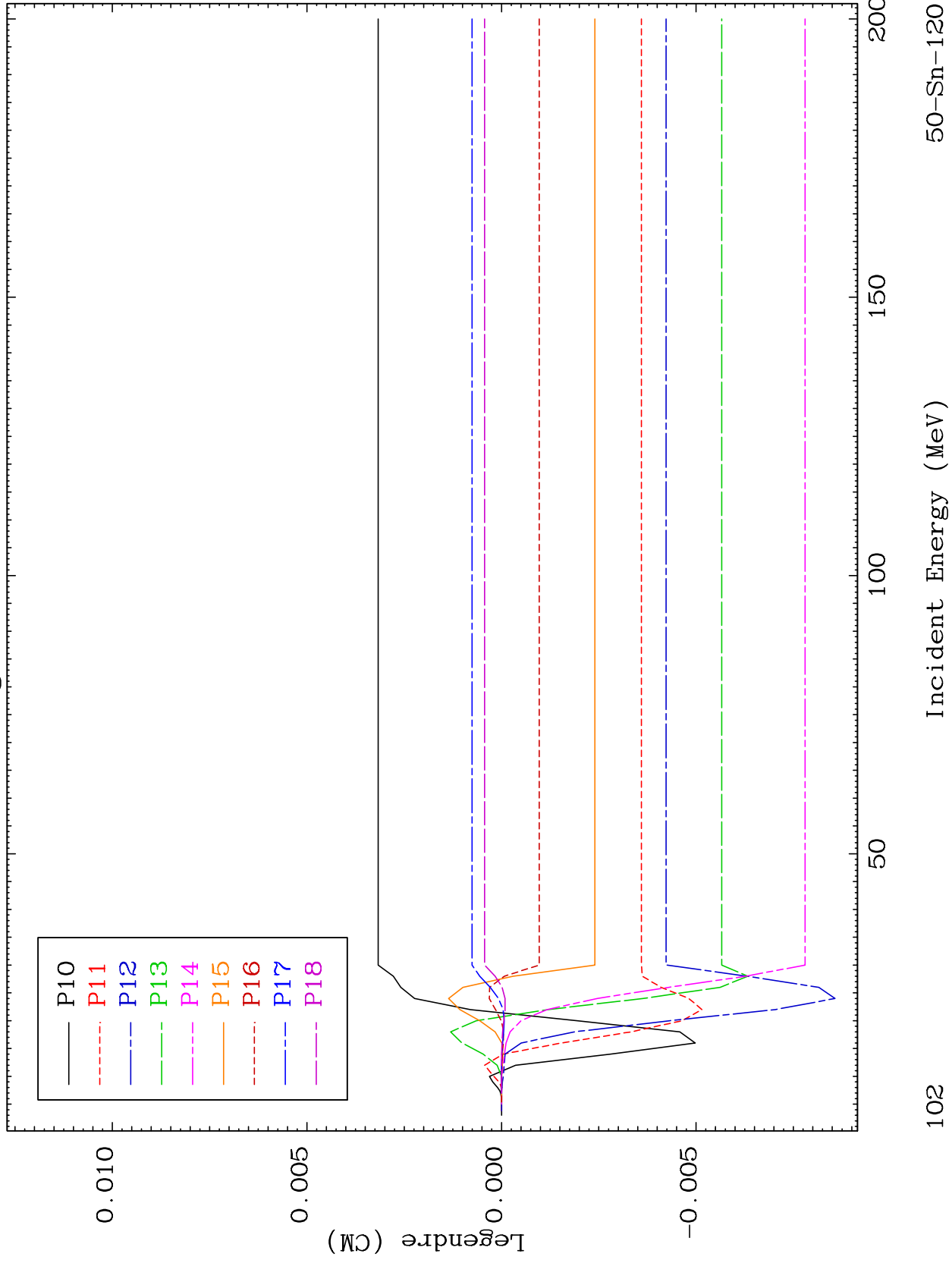




MAT 5049

2.800 MeV (n,n') Level Legendre Coefficients

50-Sn-120

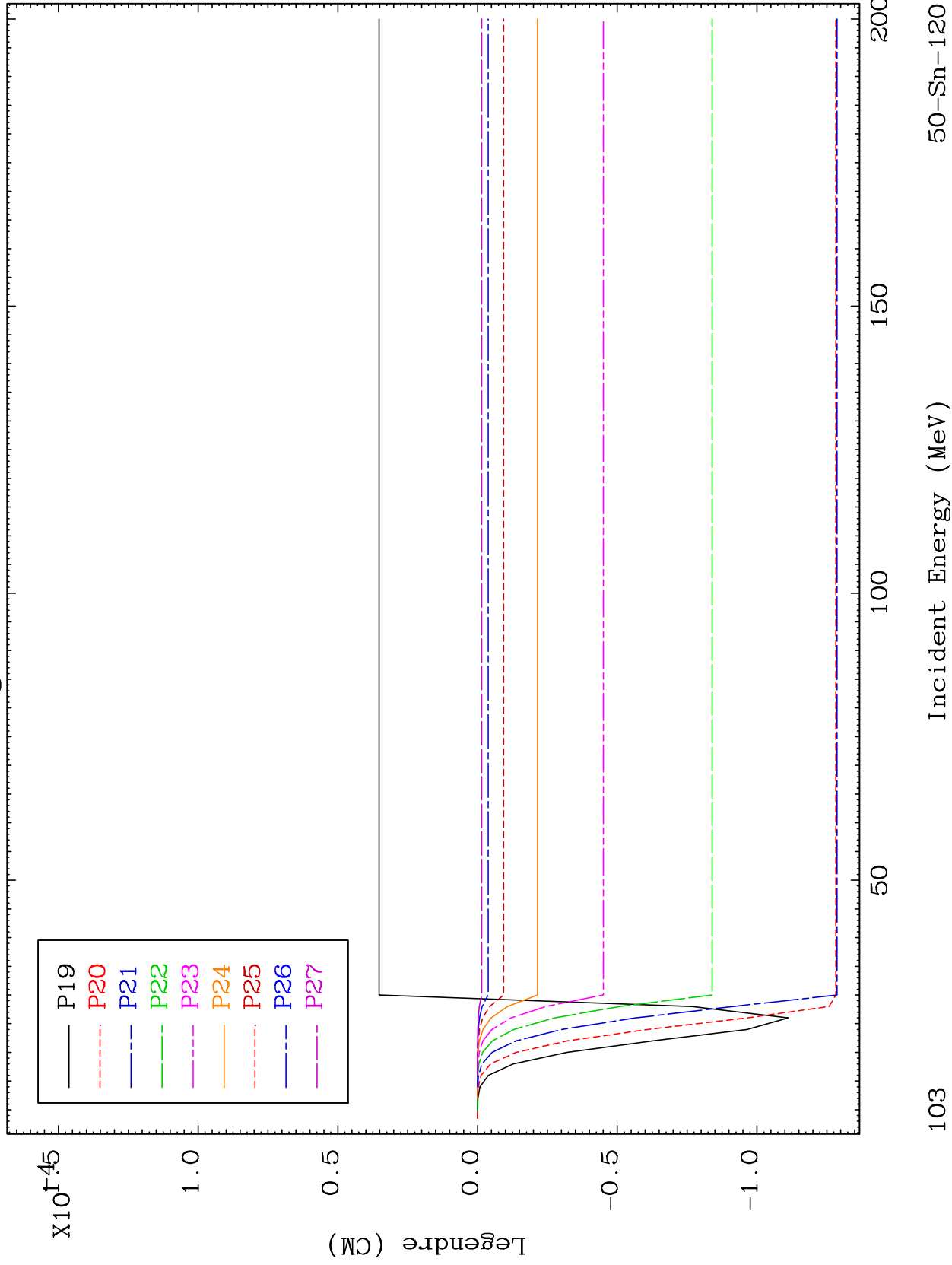


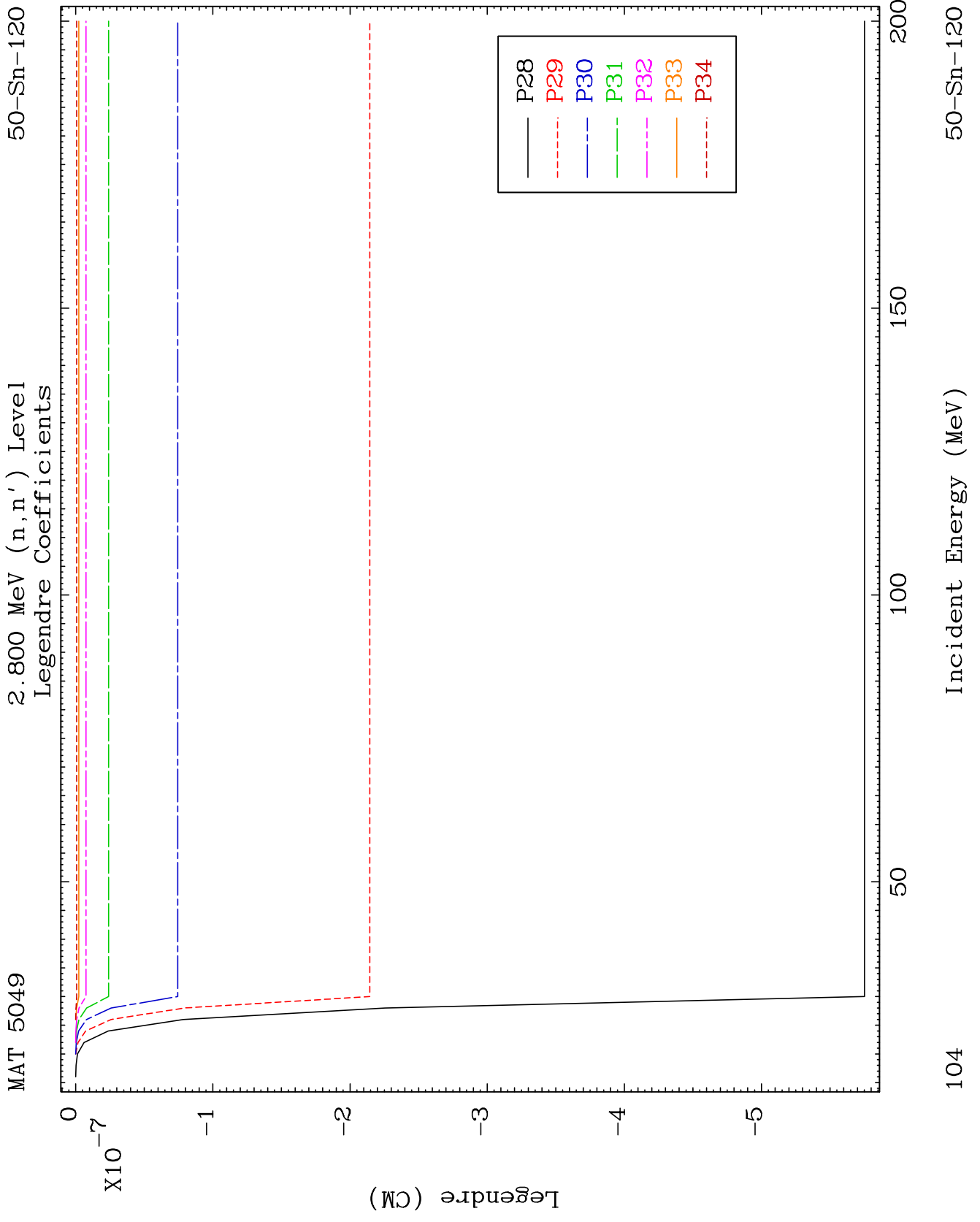
102

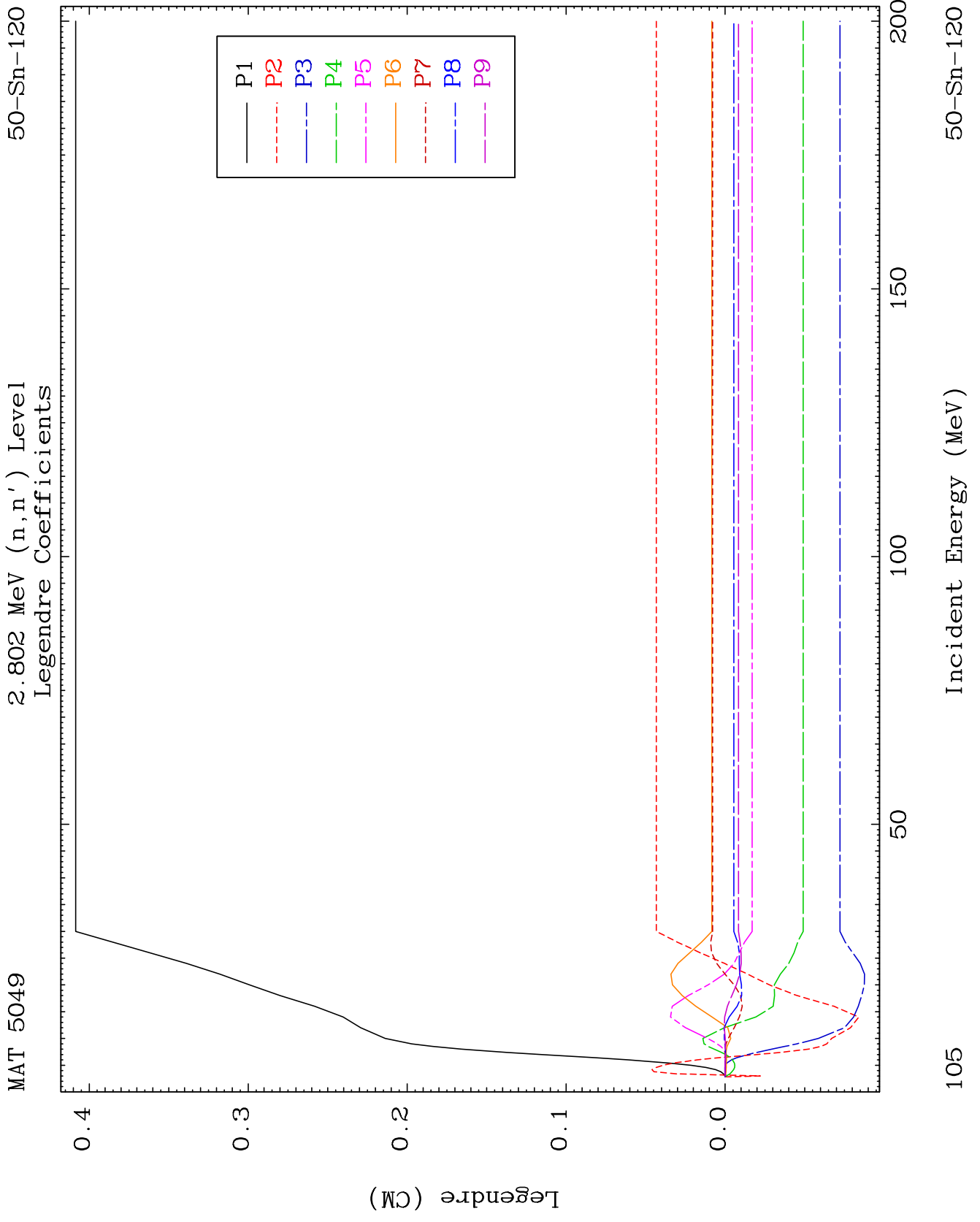
MAT 5049

2.800 MeV (n,n') Level
Legendre Coefficients

50-Sn-120



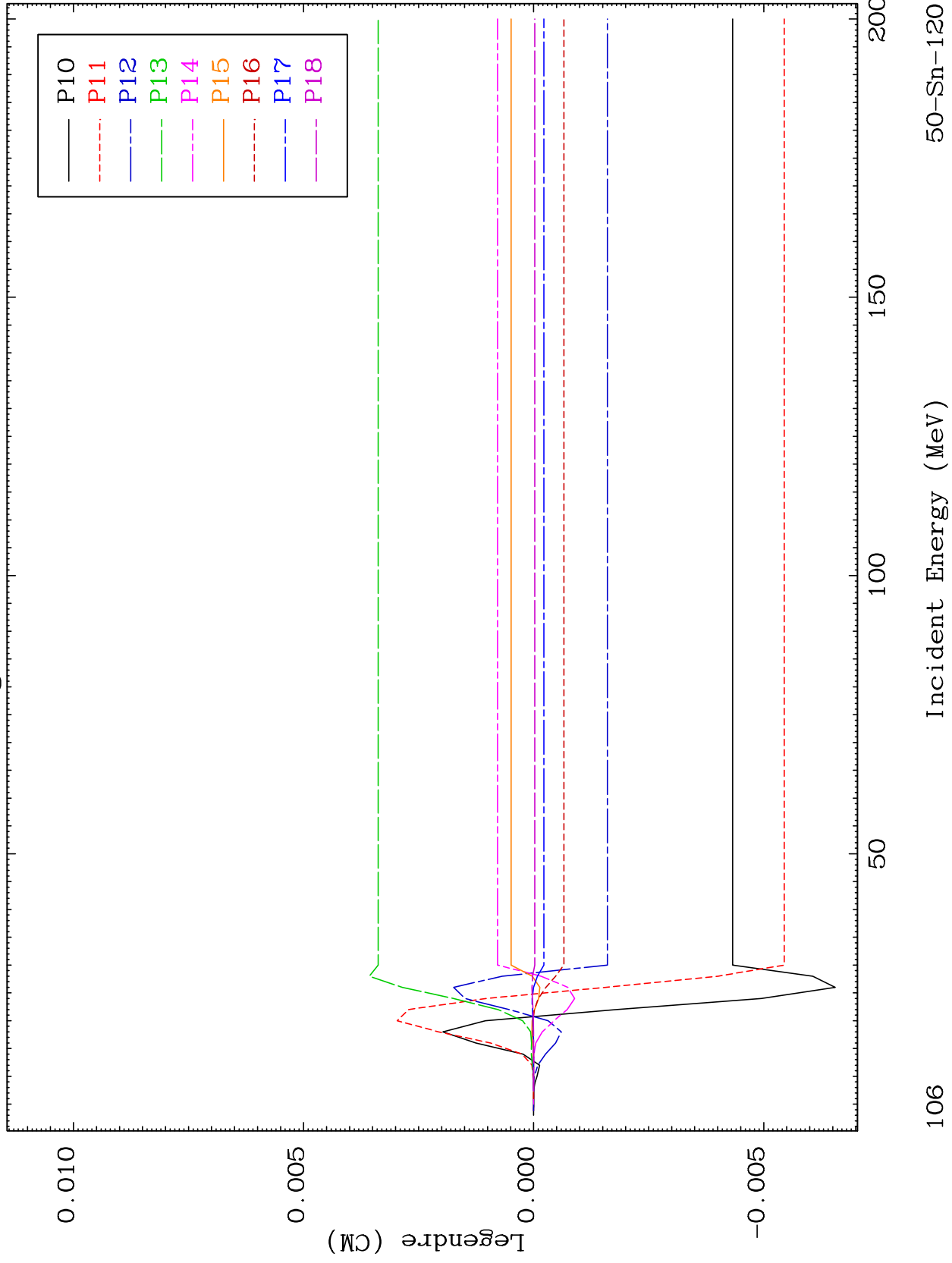




MAT 5049

2.802 MeV (n,n') Level
Legendre Coefficients

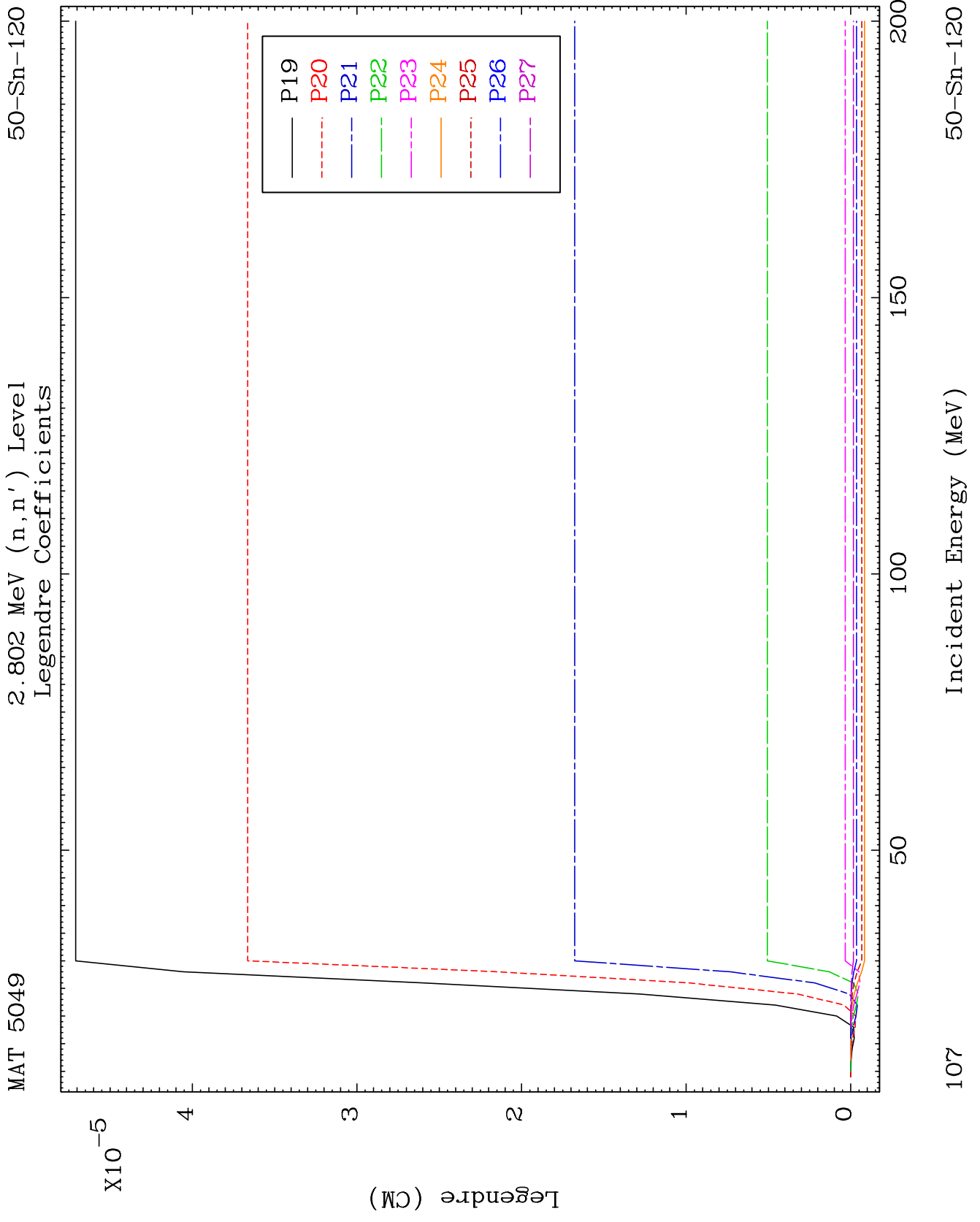
50-Sn-120

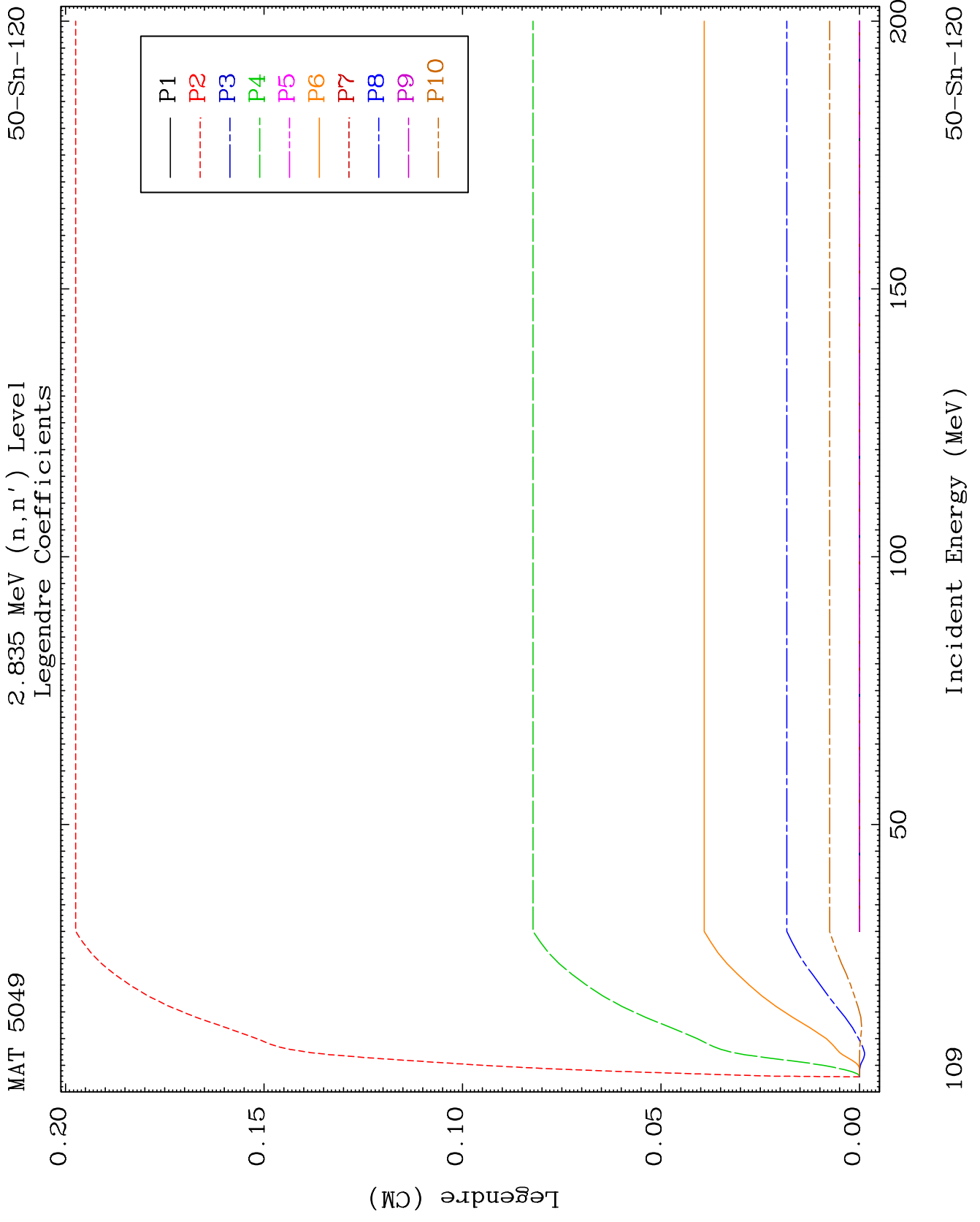


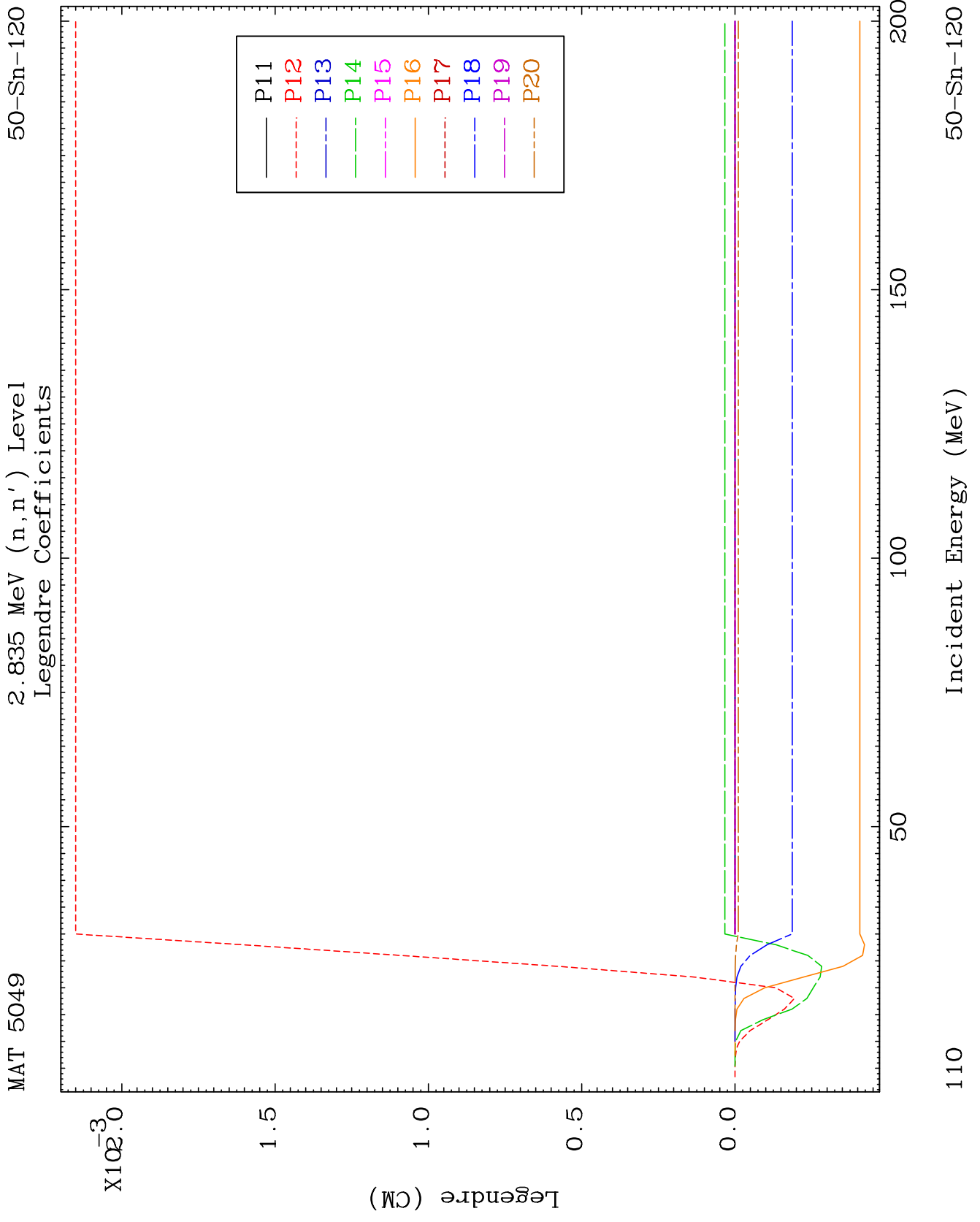
106

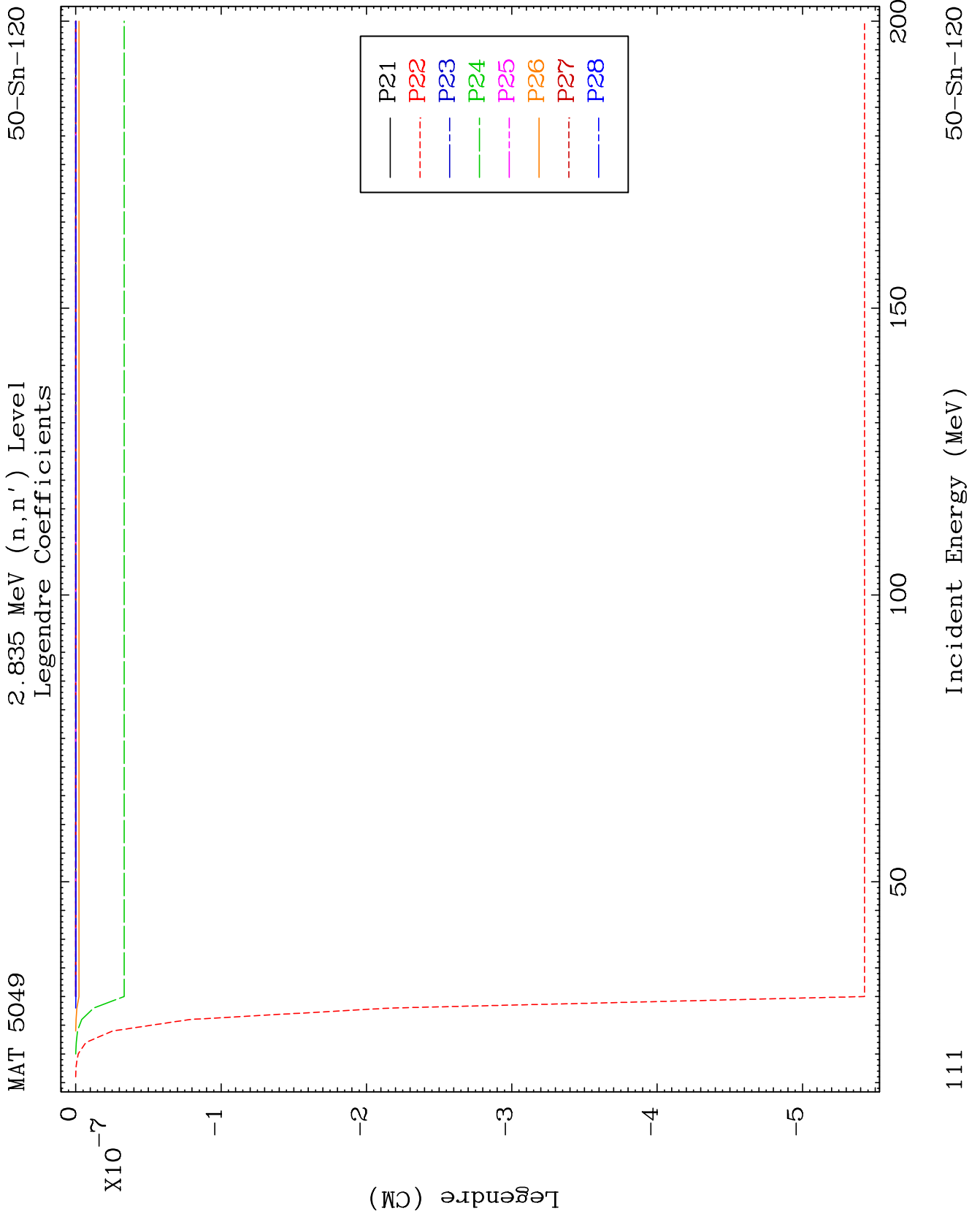
Incident Energy (MeV)

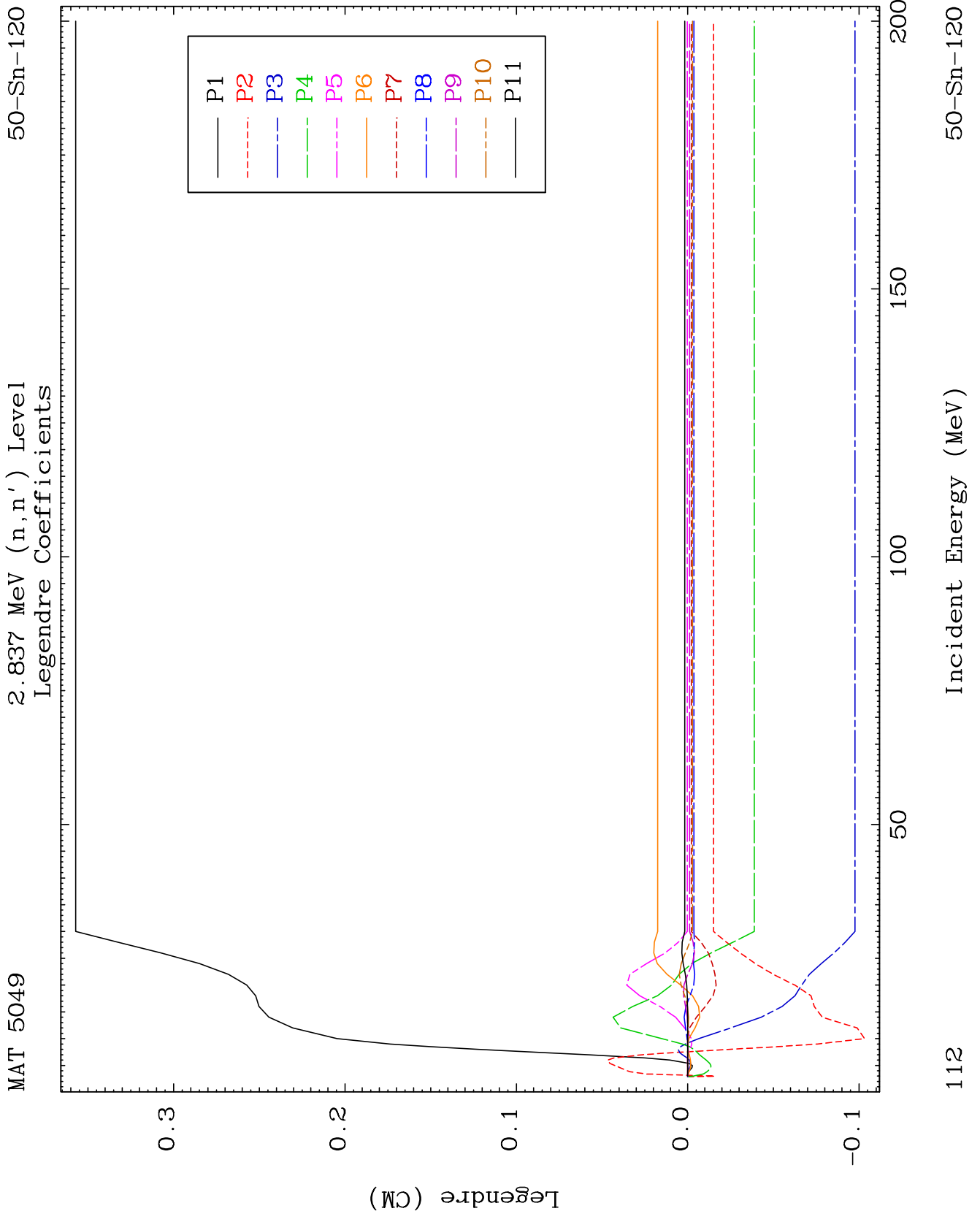
50-Sn-120







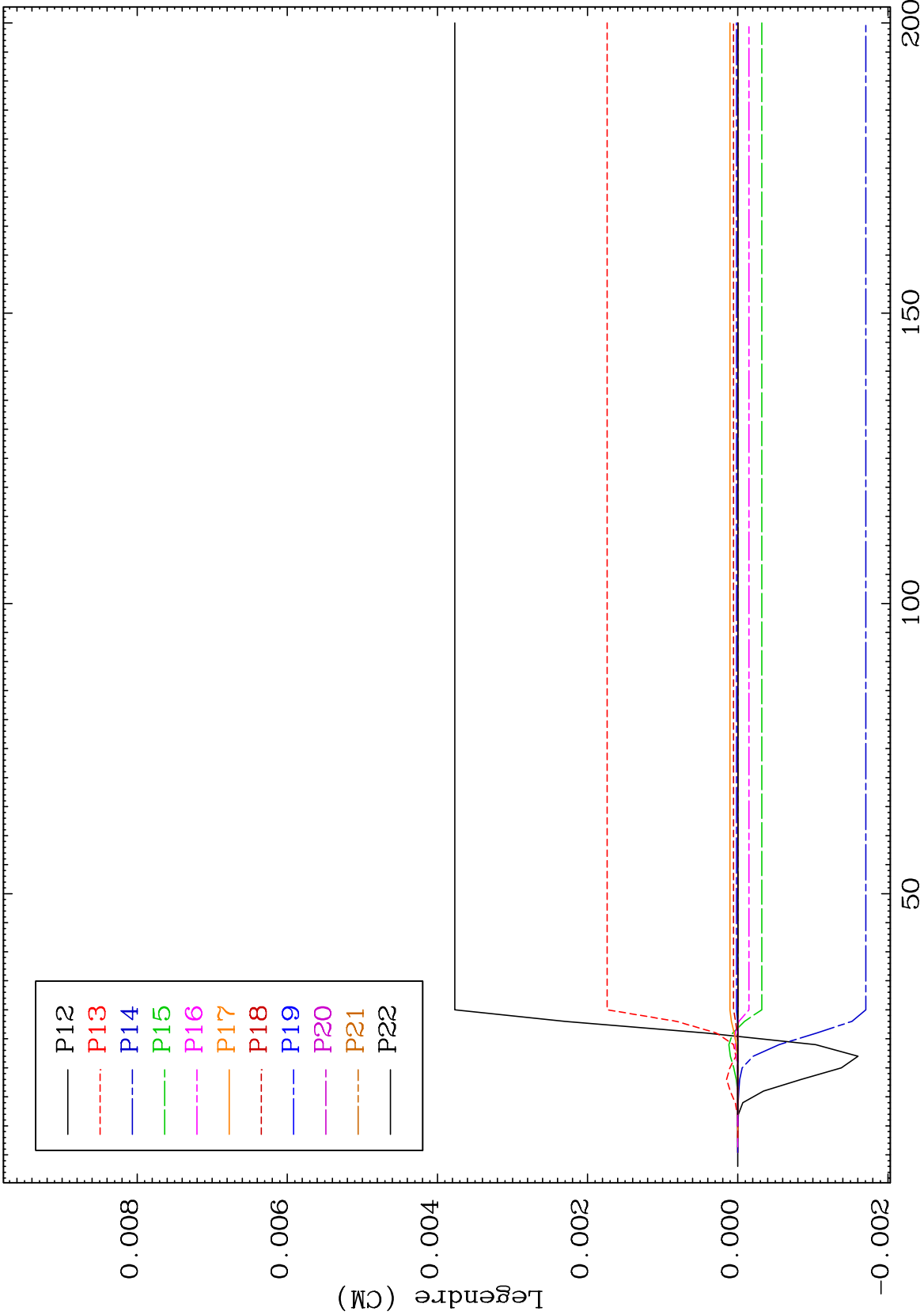




MAT 5049

2.837 MeV (n,n') Level
Legendre Coefficients

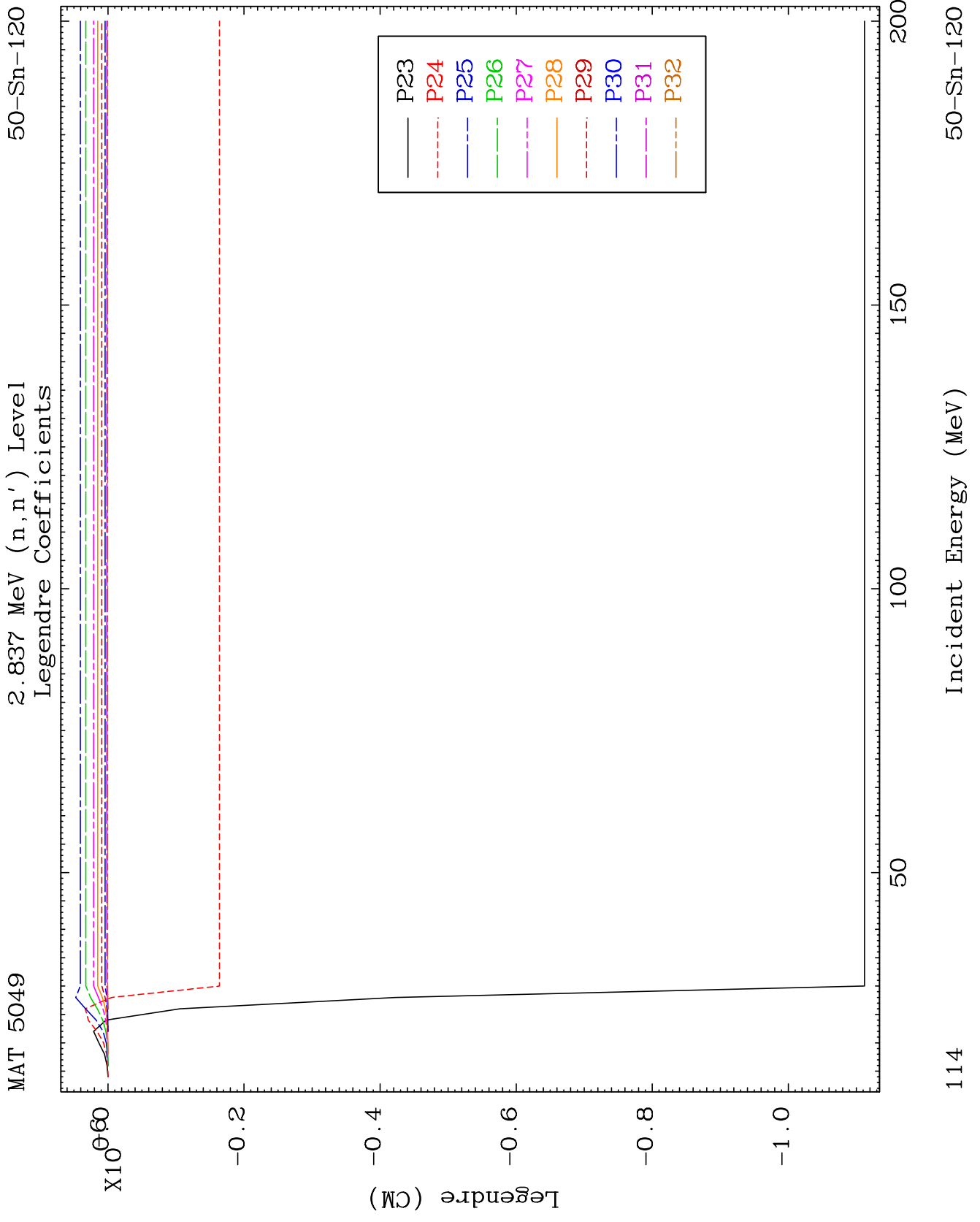
50-Sn-120

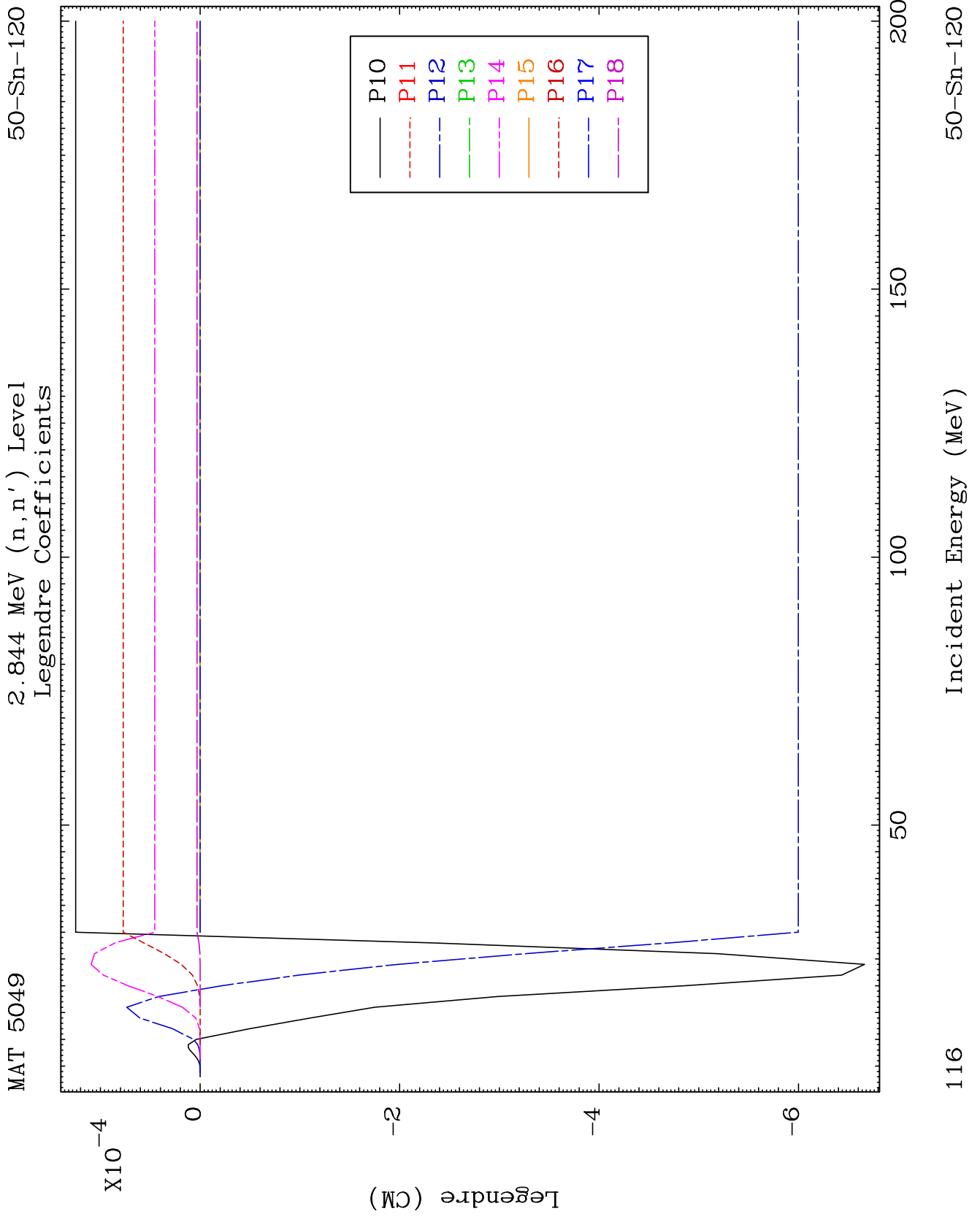


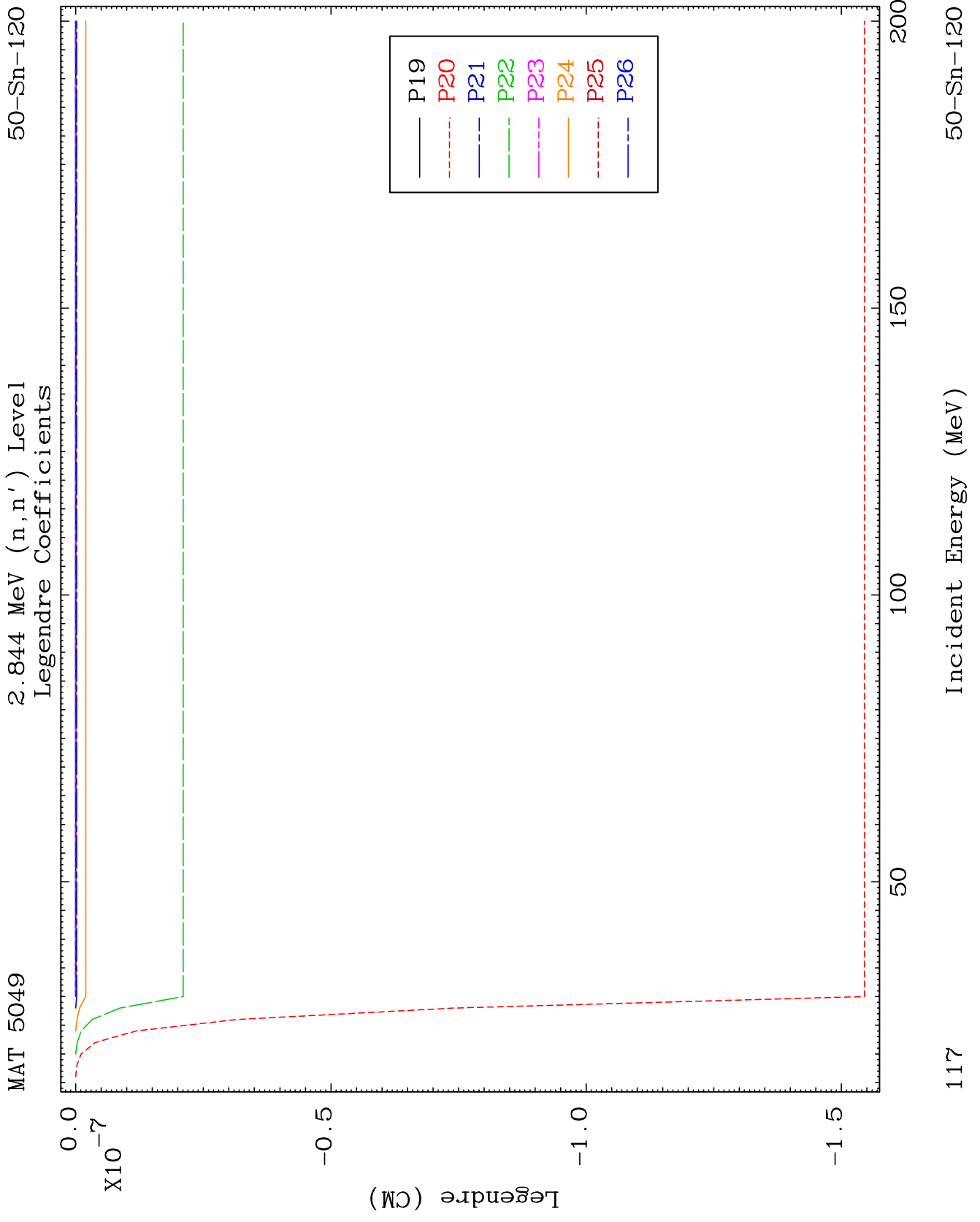
113

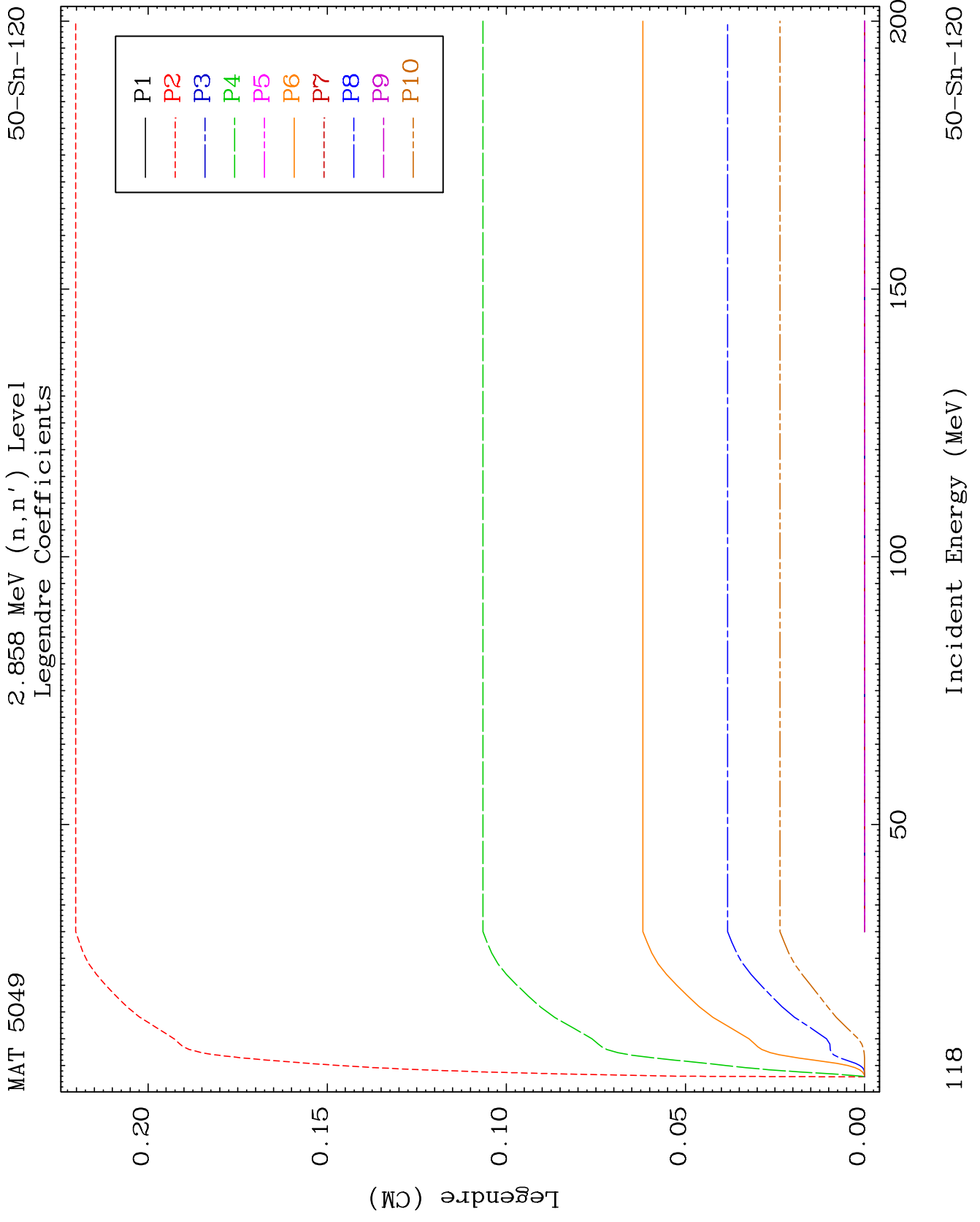
Incident Energy (MeV)

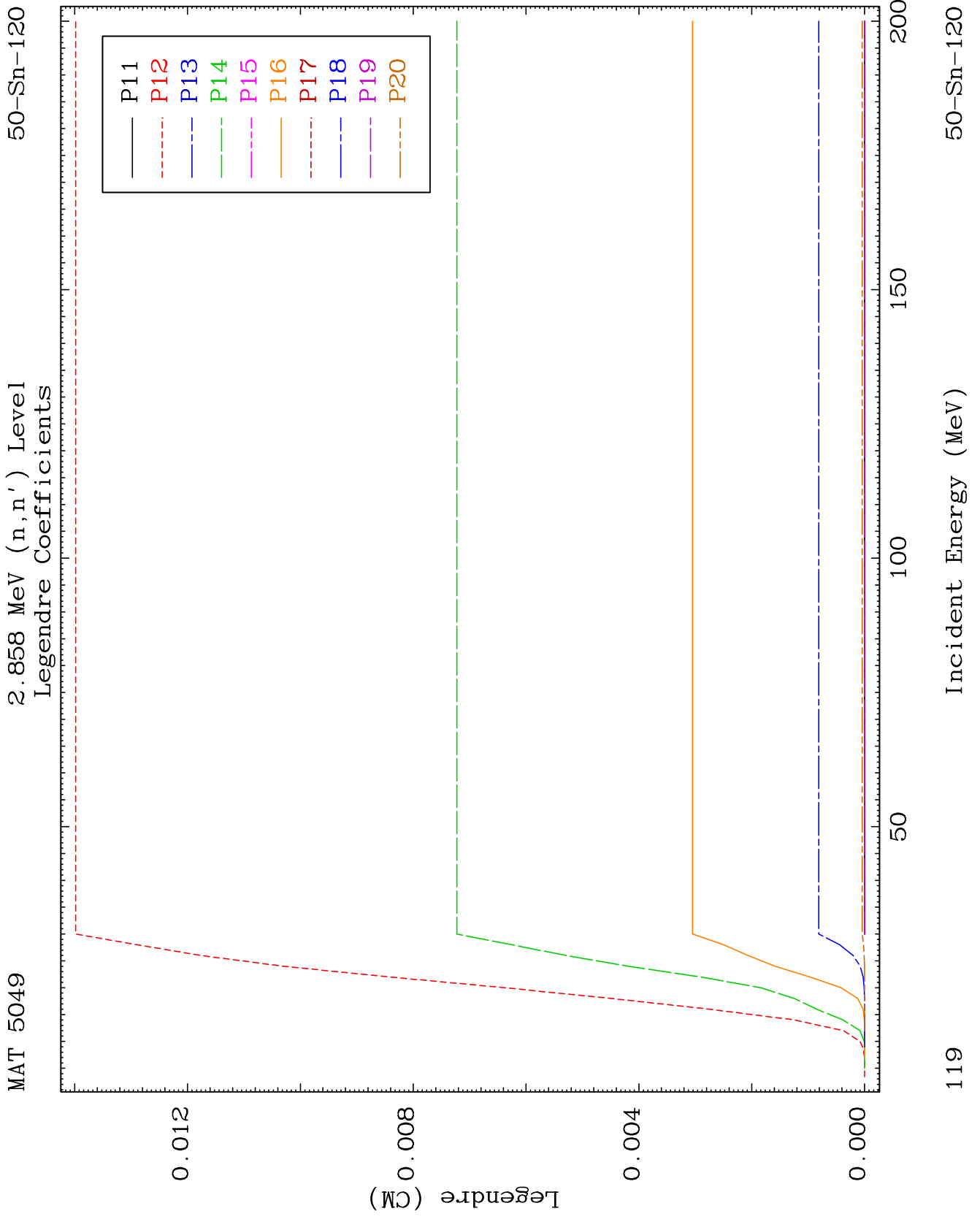
50-Sn-120

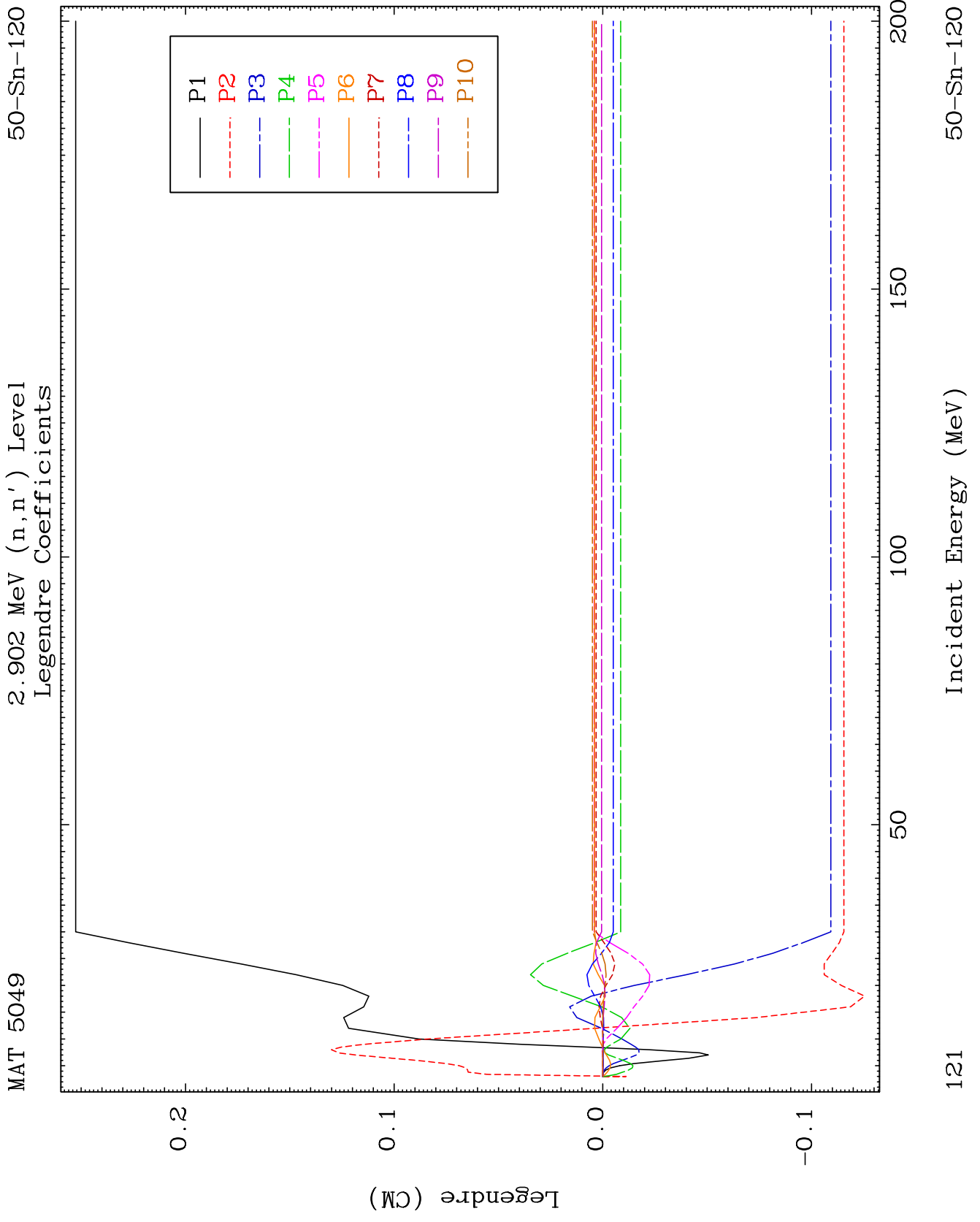


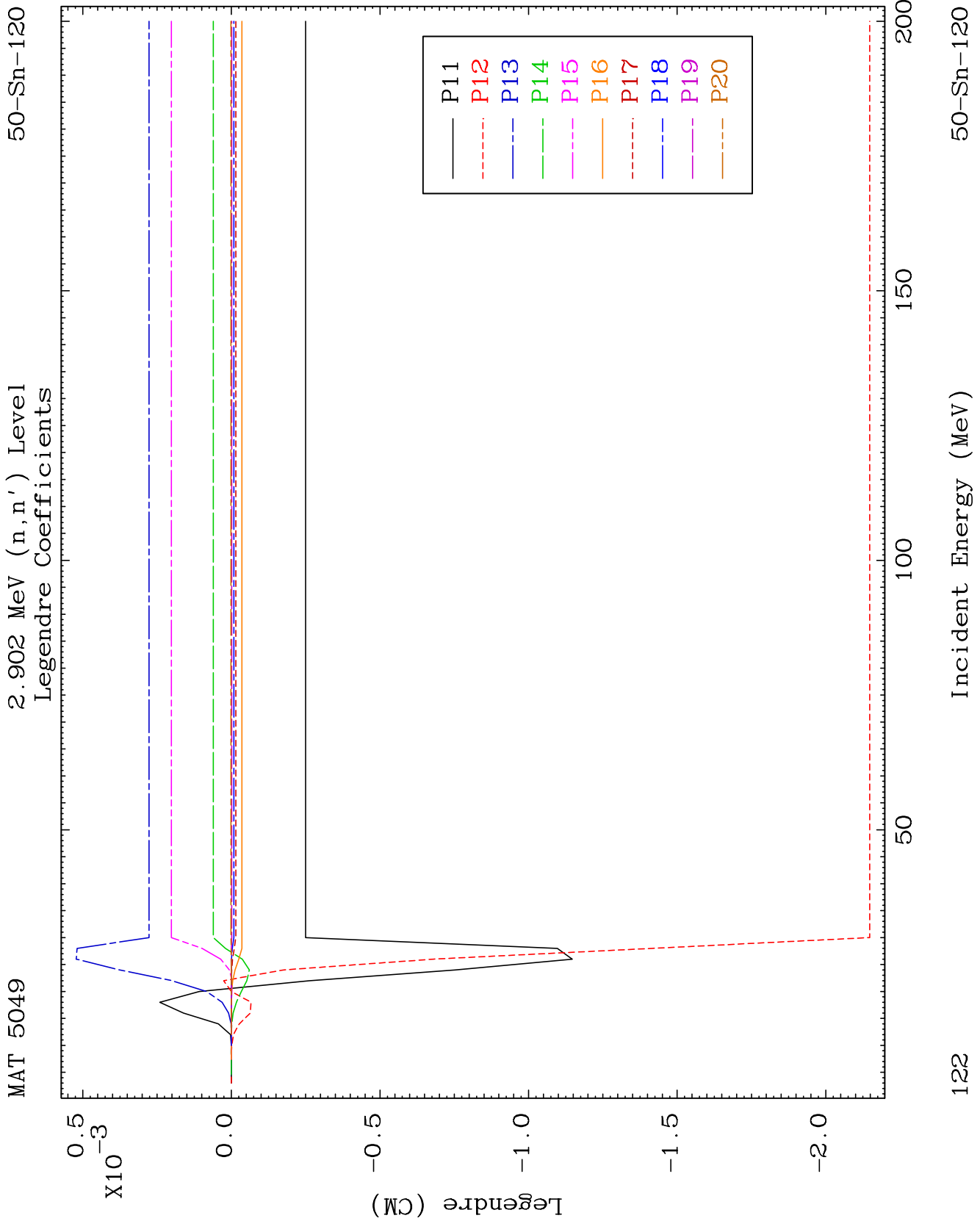


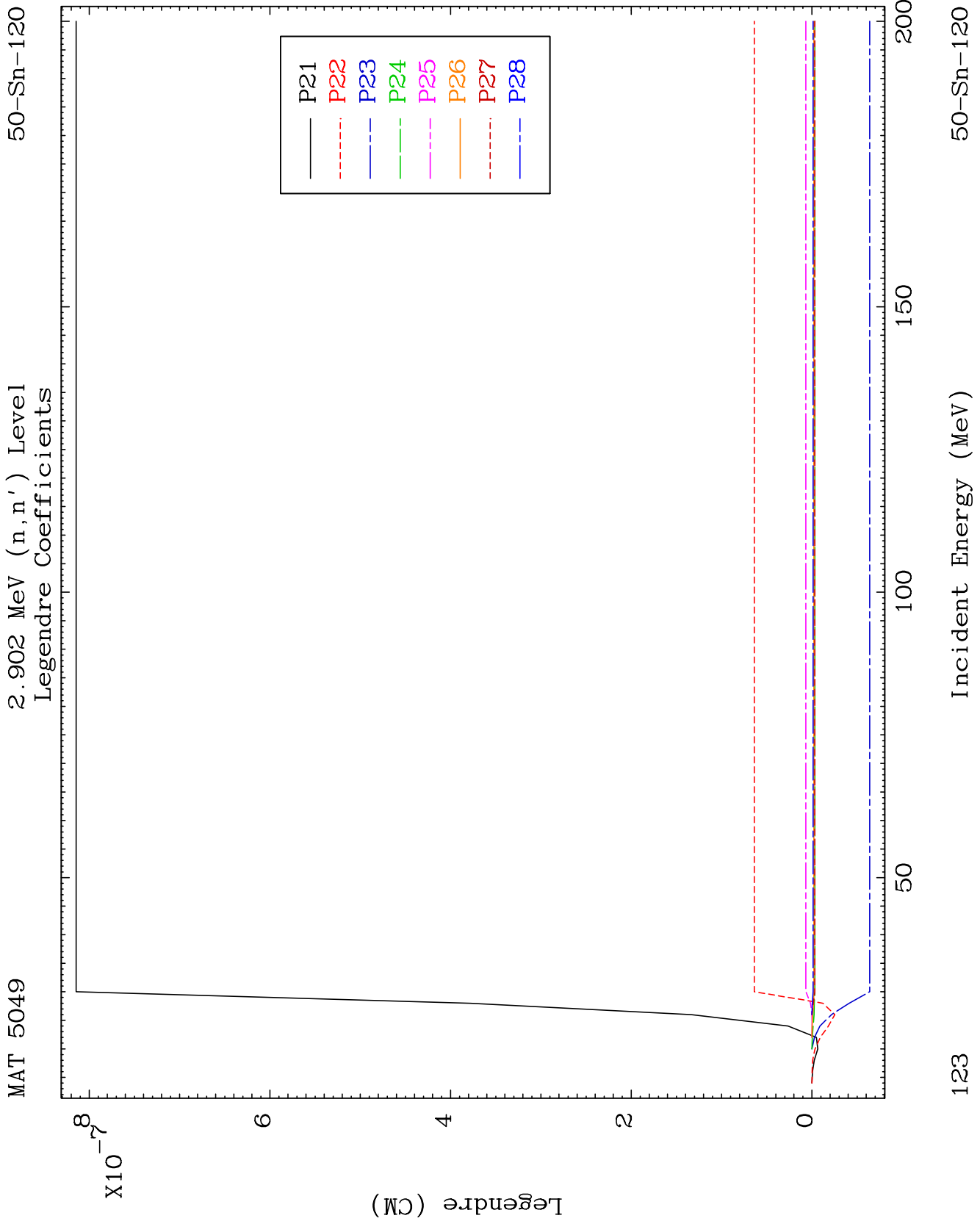


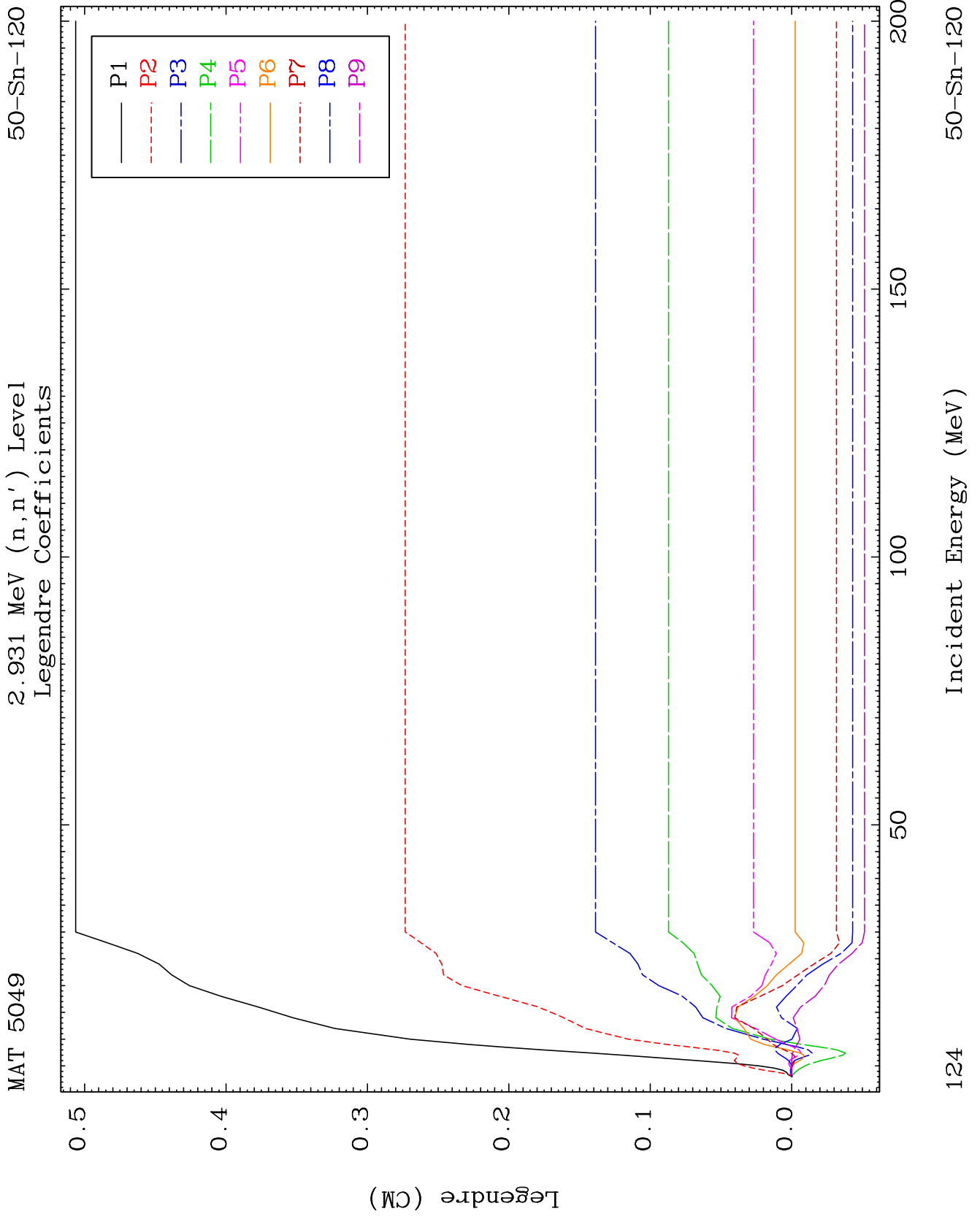


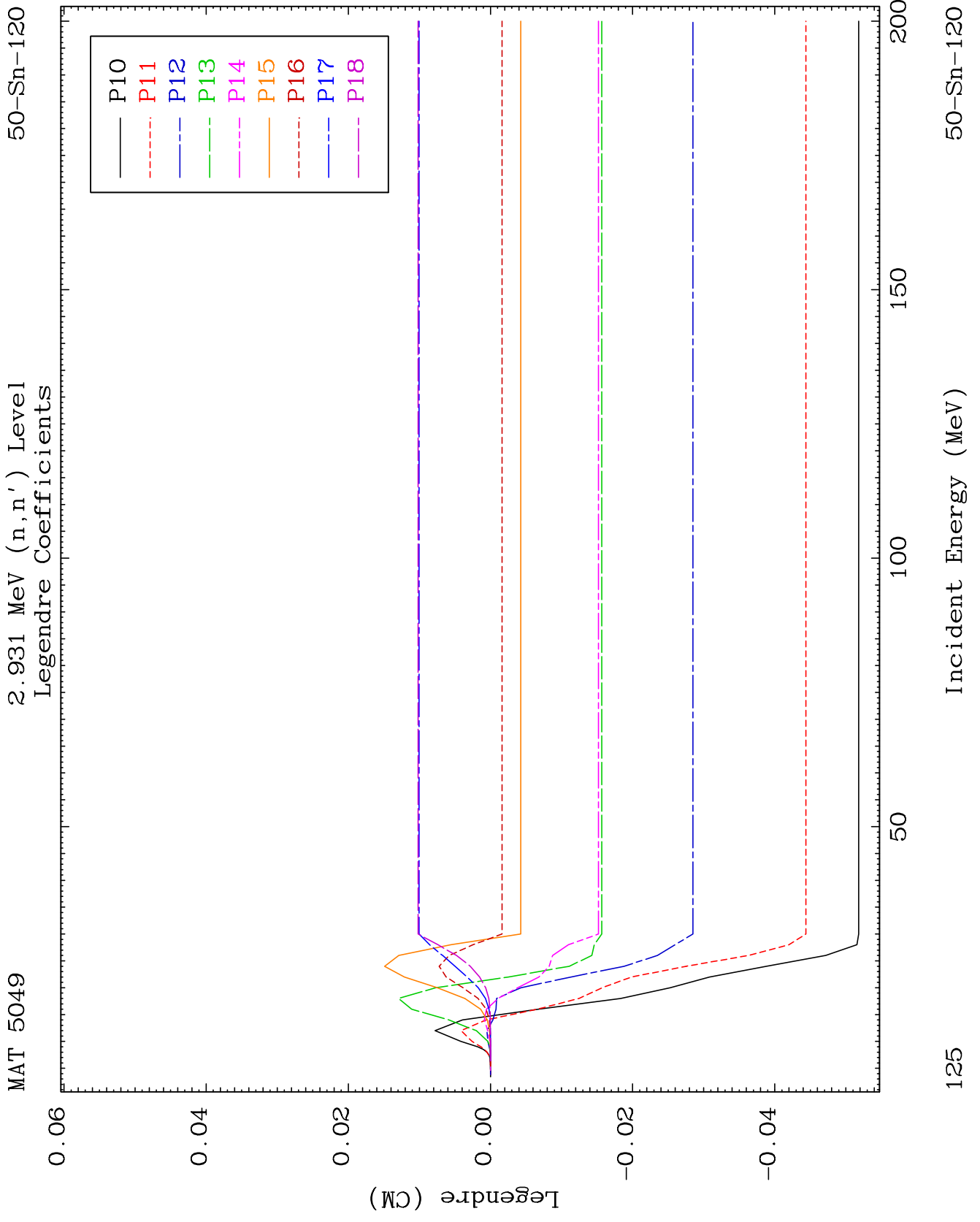


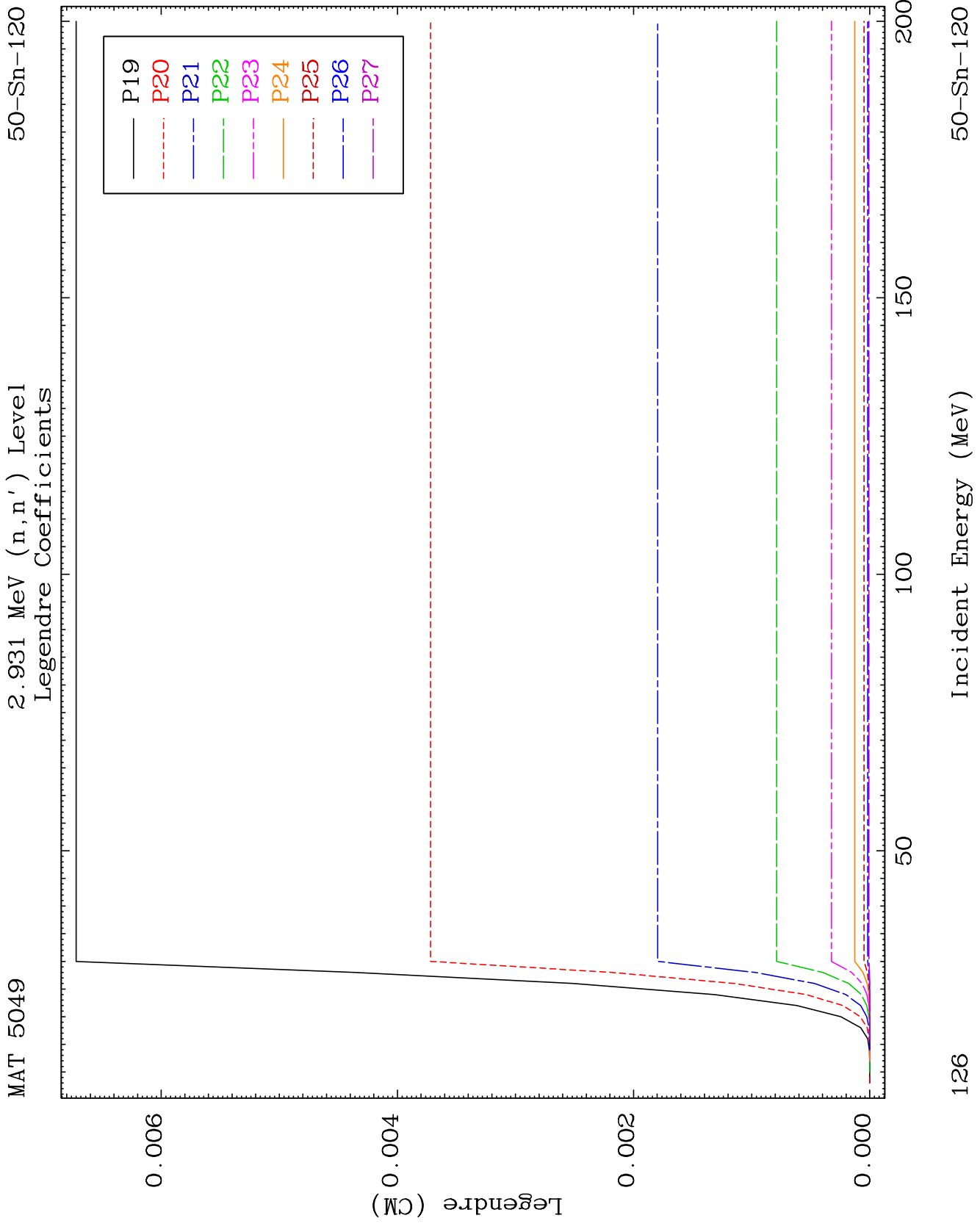


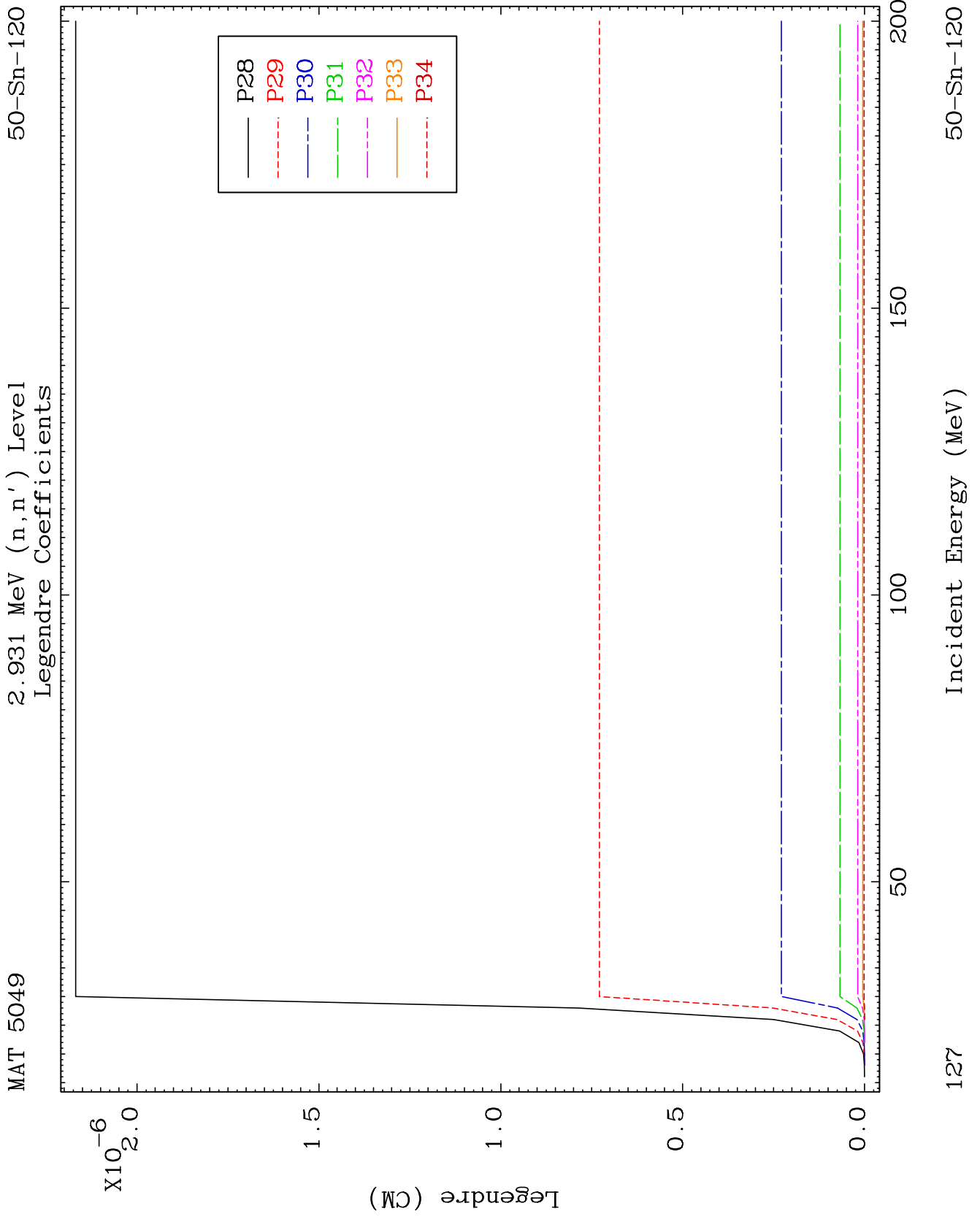




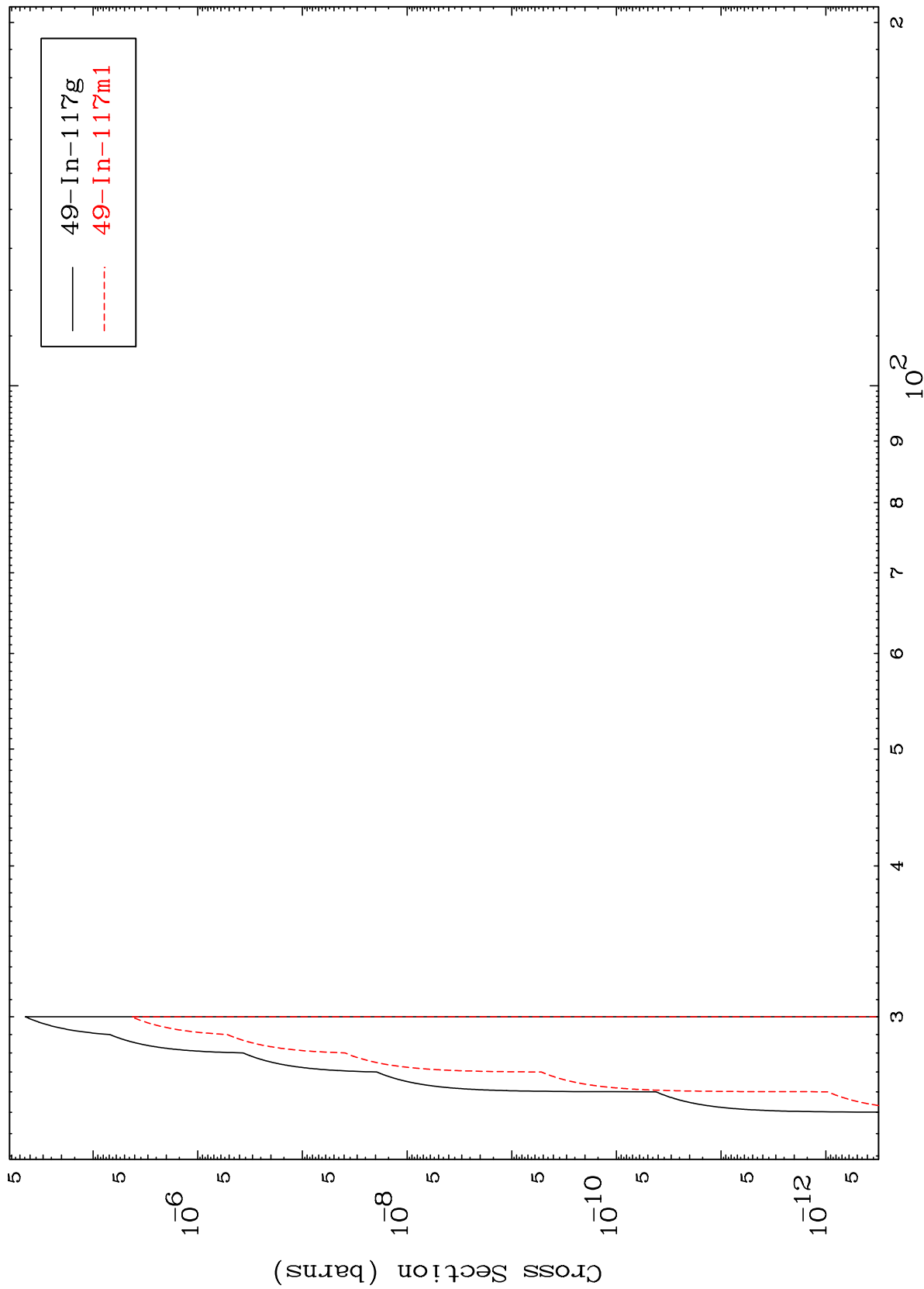








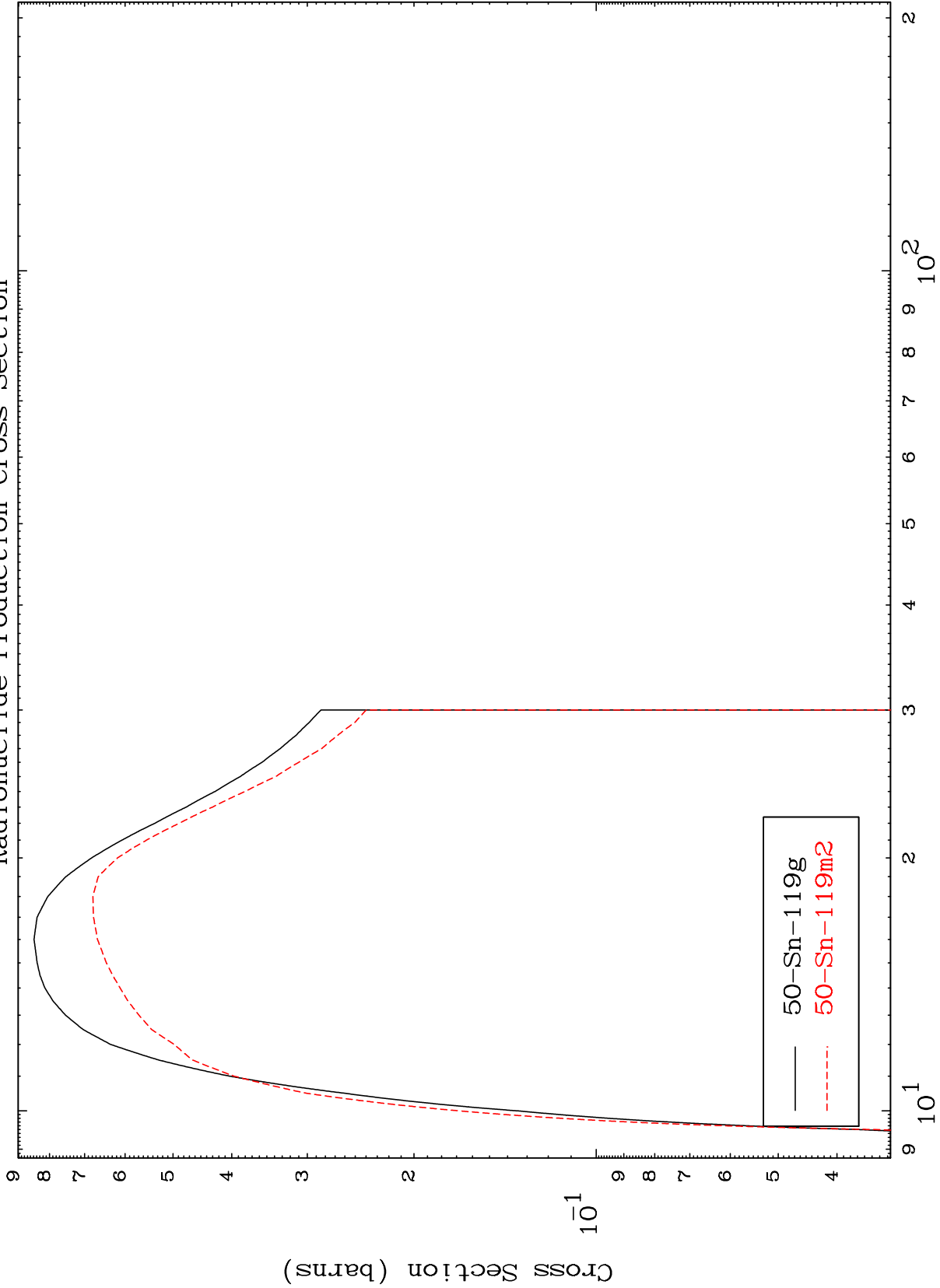
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,2n)
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

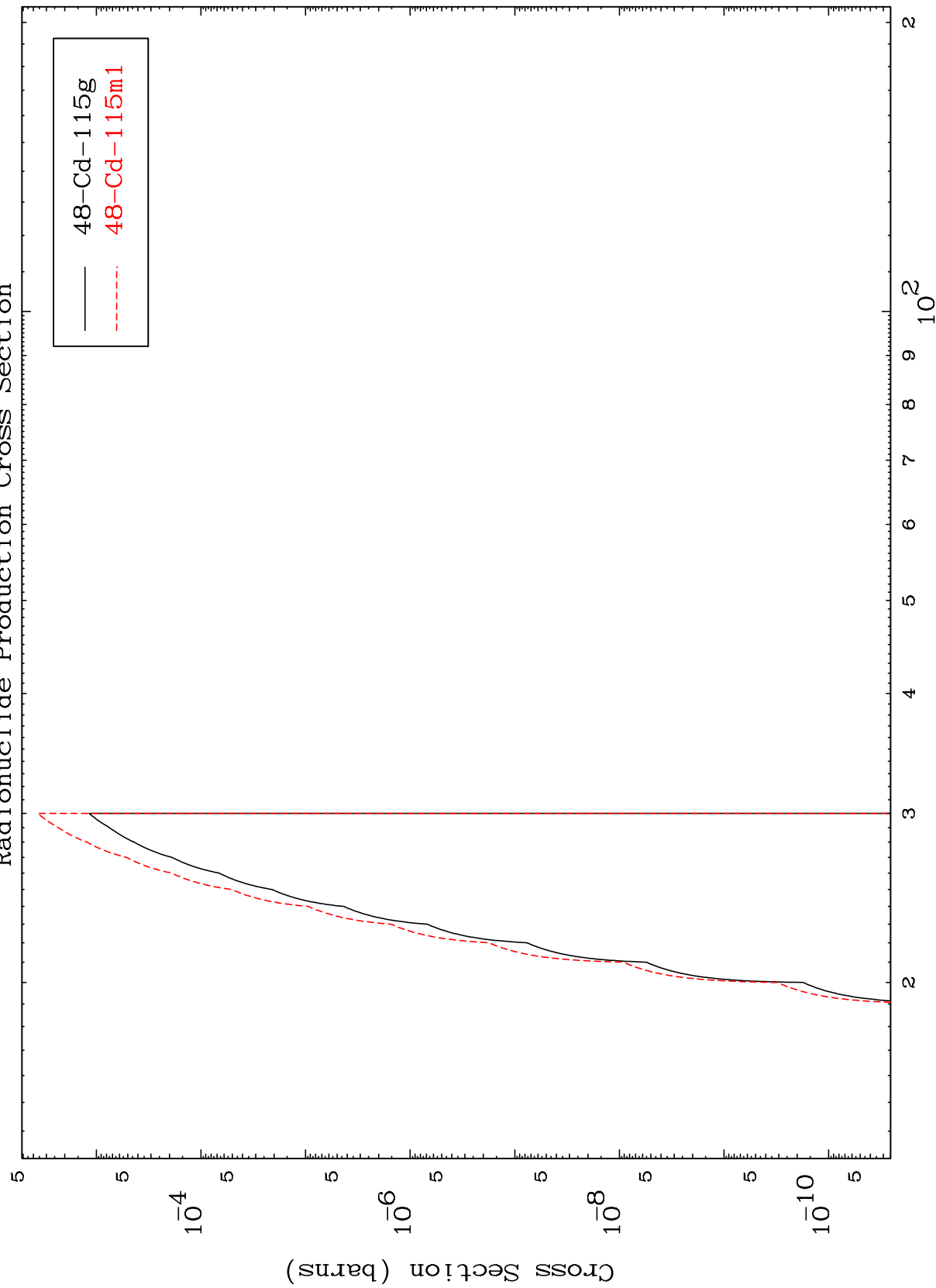
129

MAT 5049

50-Sn-120

(n,2n) α

Radionuclide Production Cross Section



130

Incident Energy (MeV)

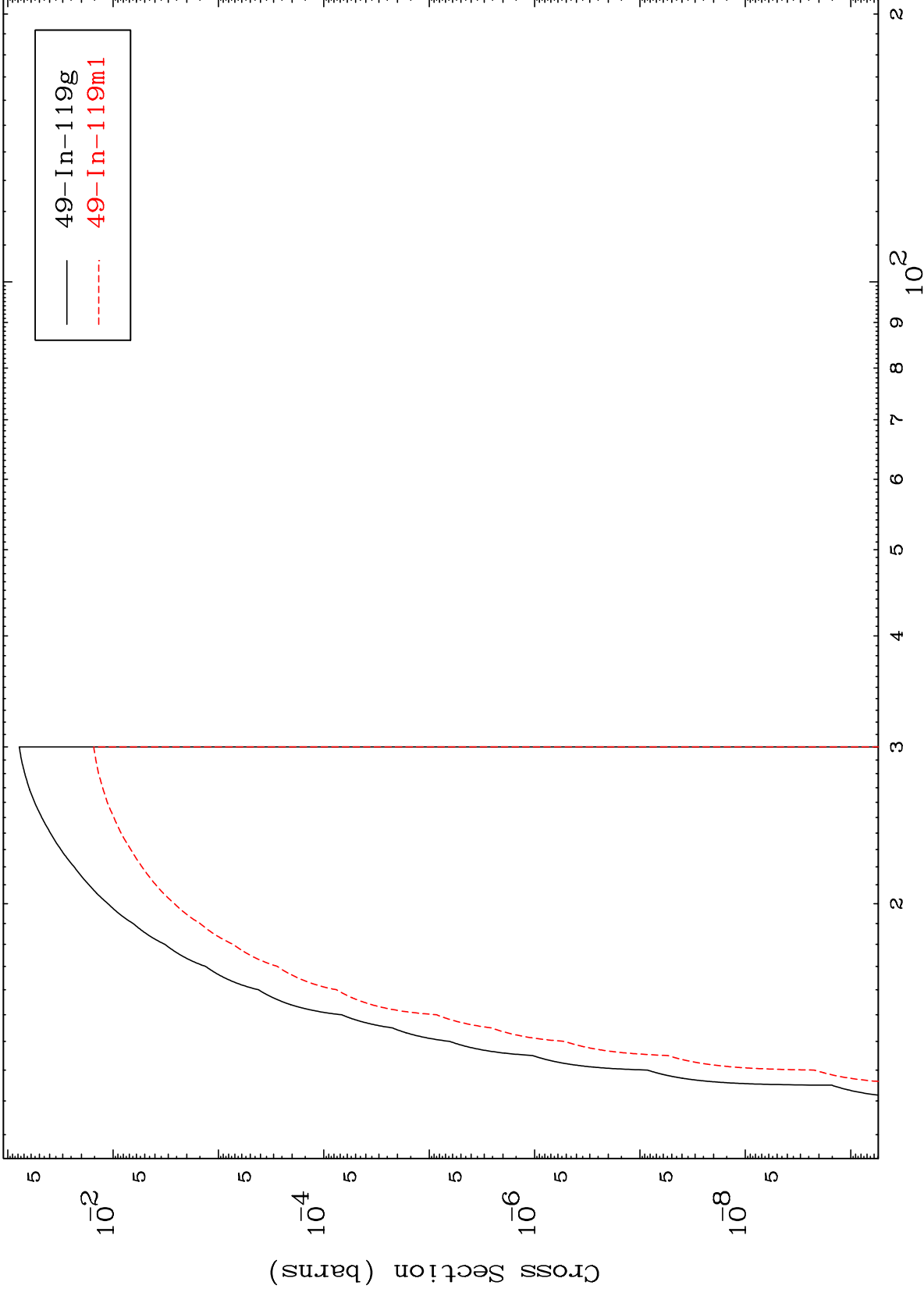
50-Sn-120

MAT 5049

(n,n') p

50-Sn-120

Radionuclide Production Cross Section

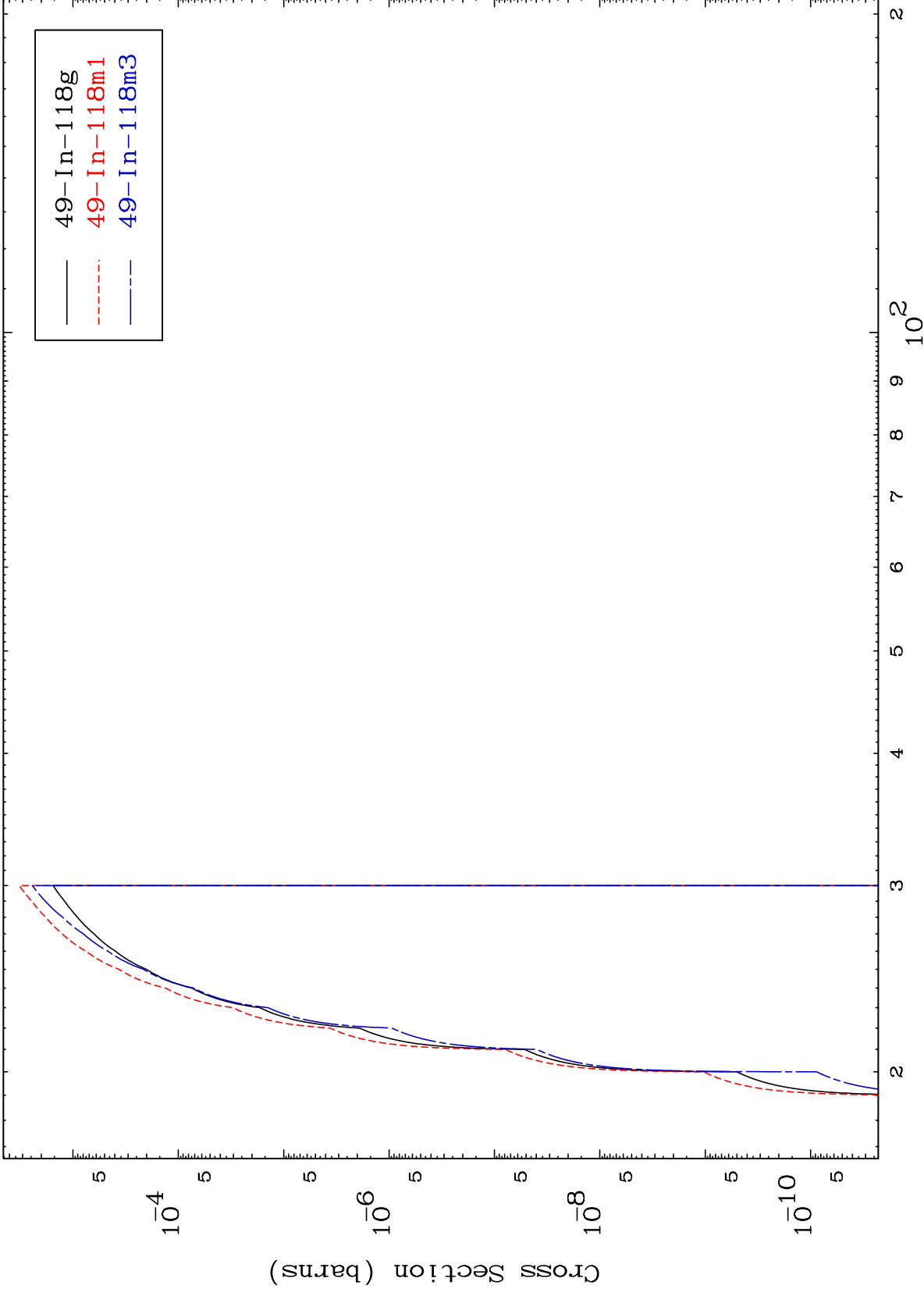


131

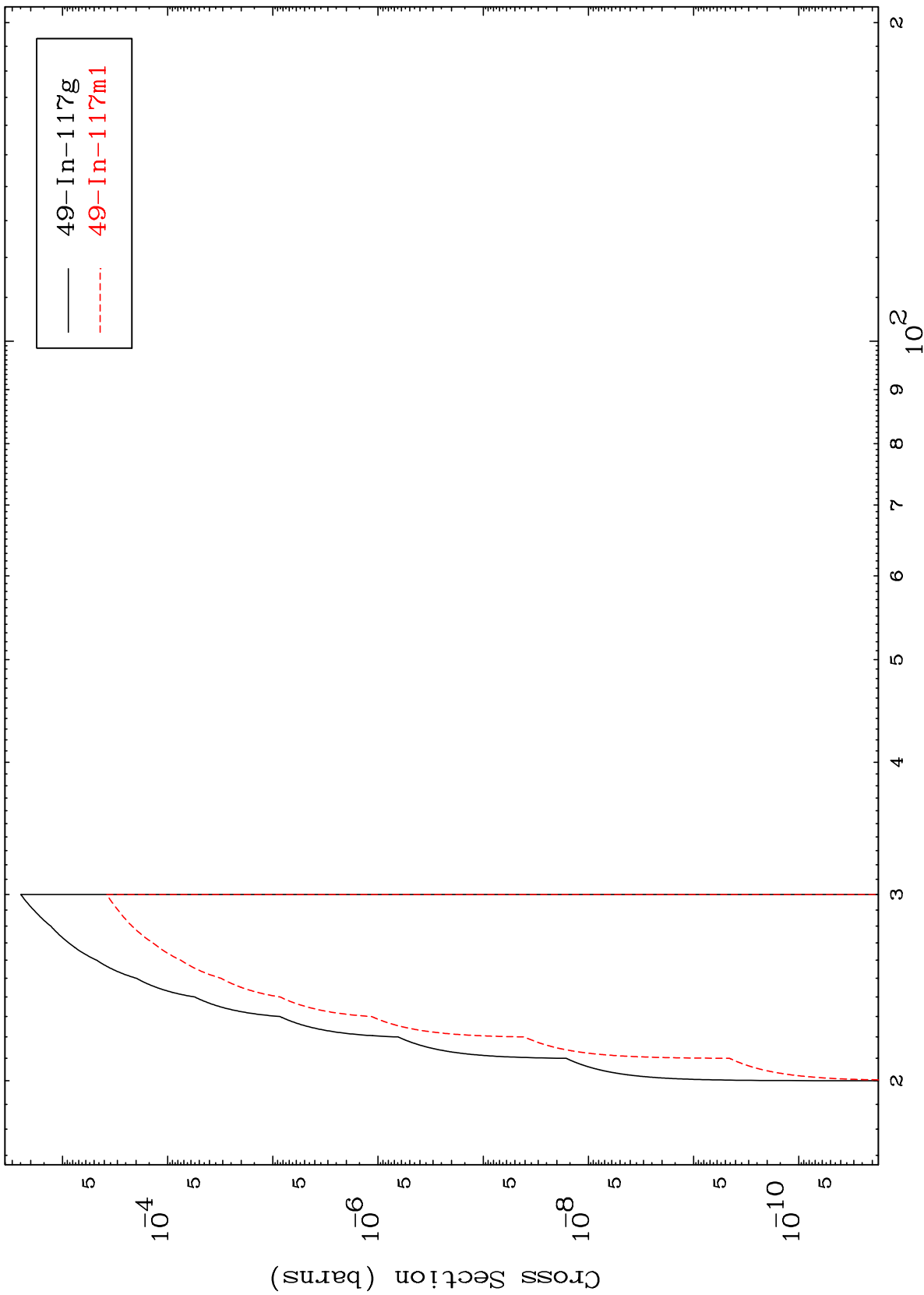
Incident Energy (MeV)

50-Sn-120

Radionuclide Production Cross Section



Radionuclide Production Cross Section

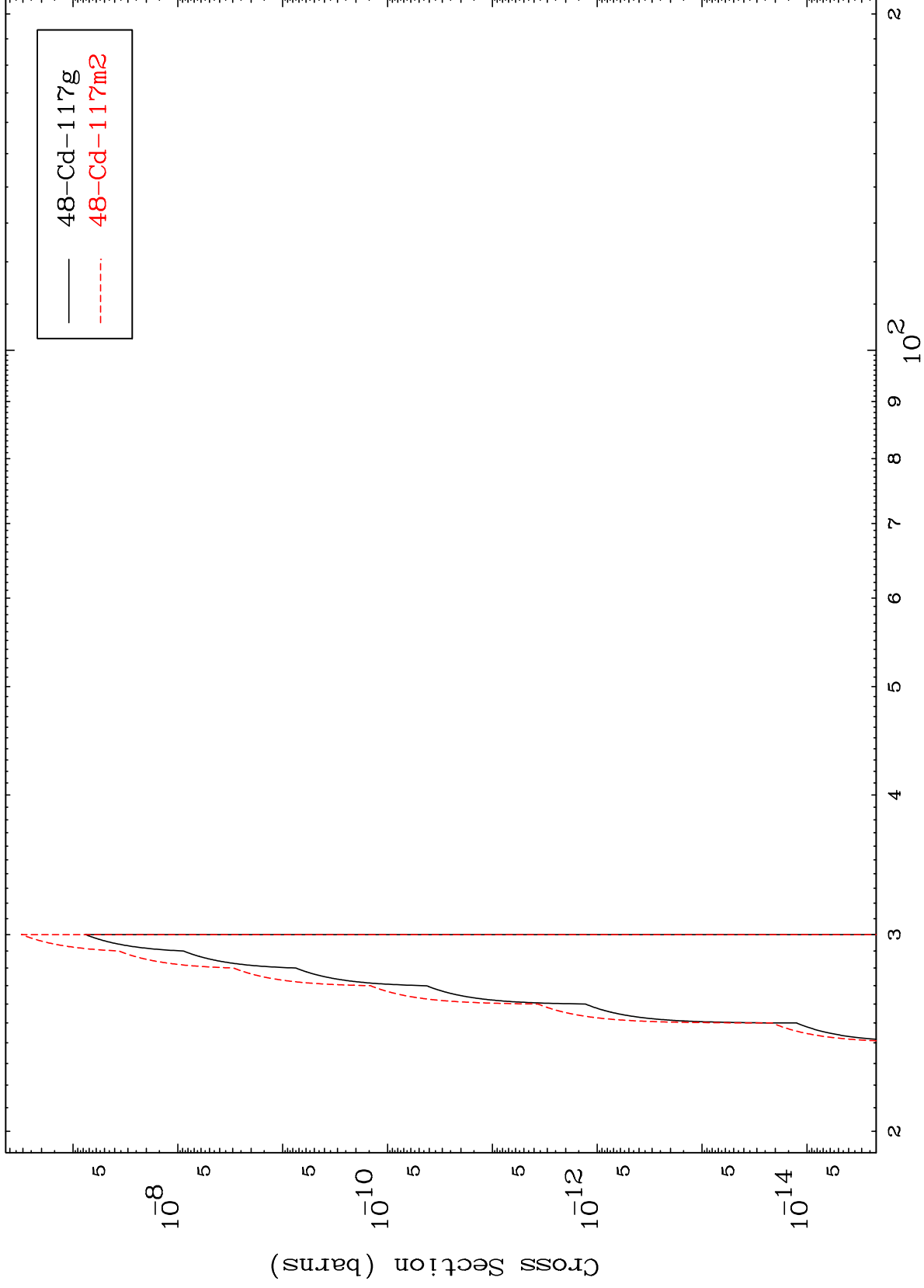


MAT 5049

(n,n') He-3

50-Sn-120

Radionuclide Production Cross Section



134

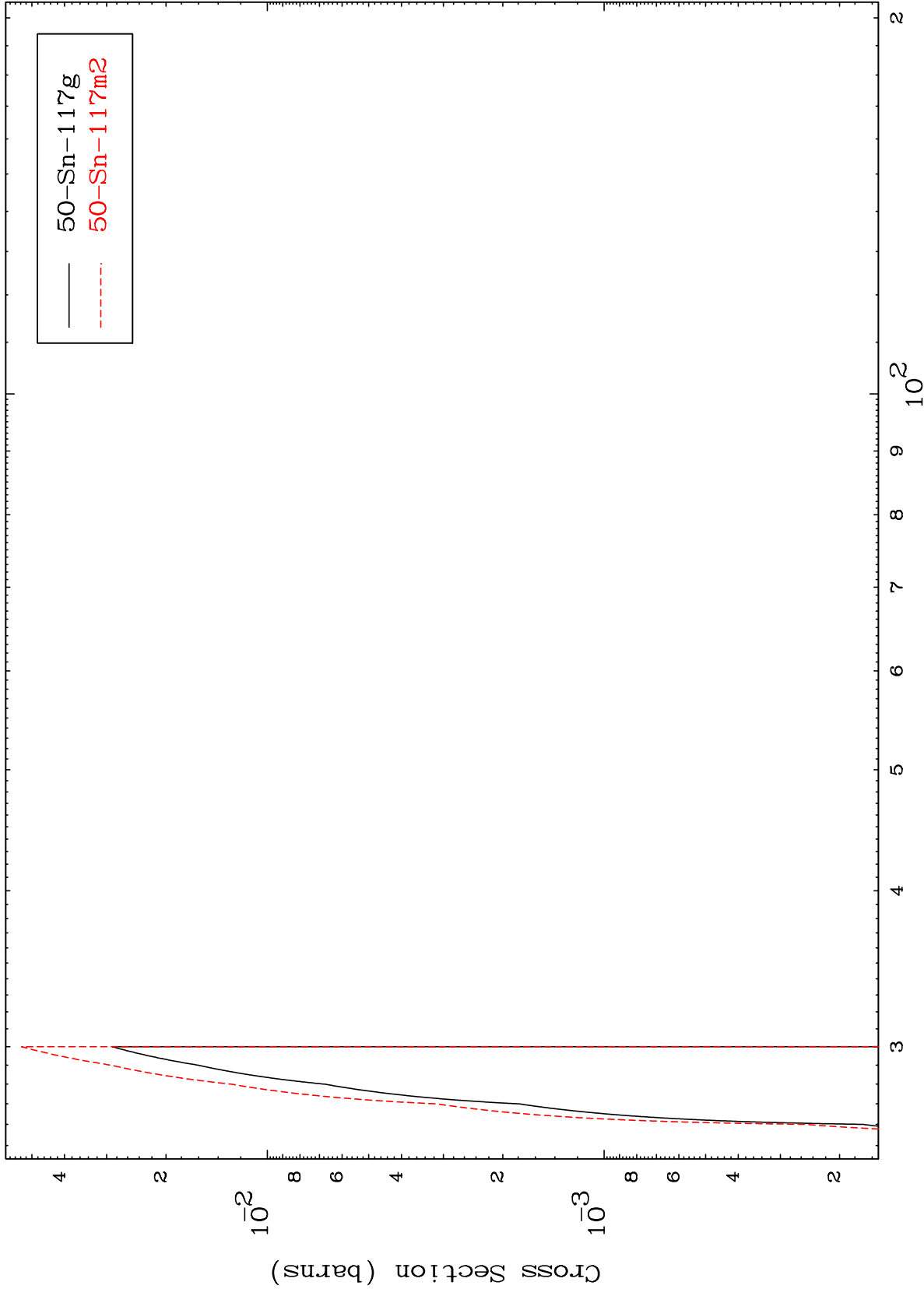
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

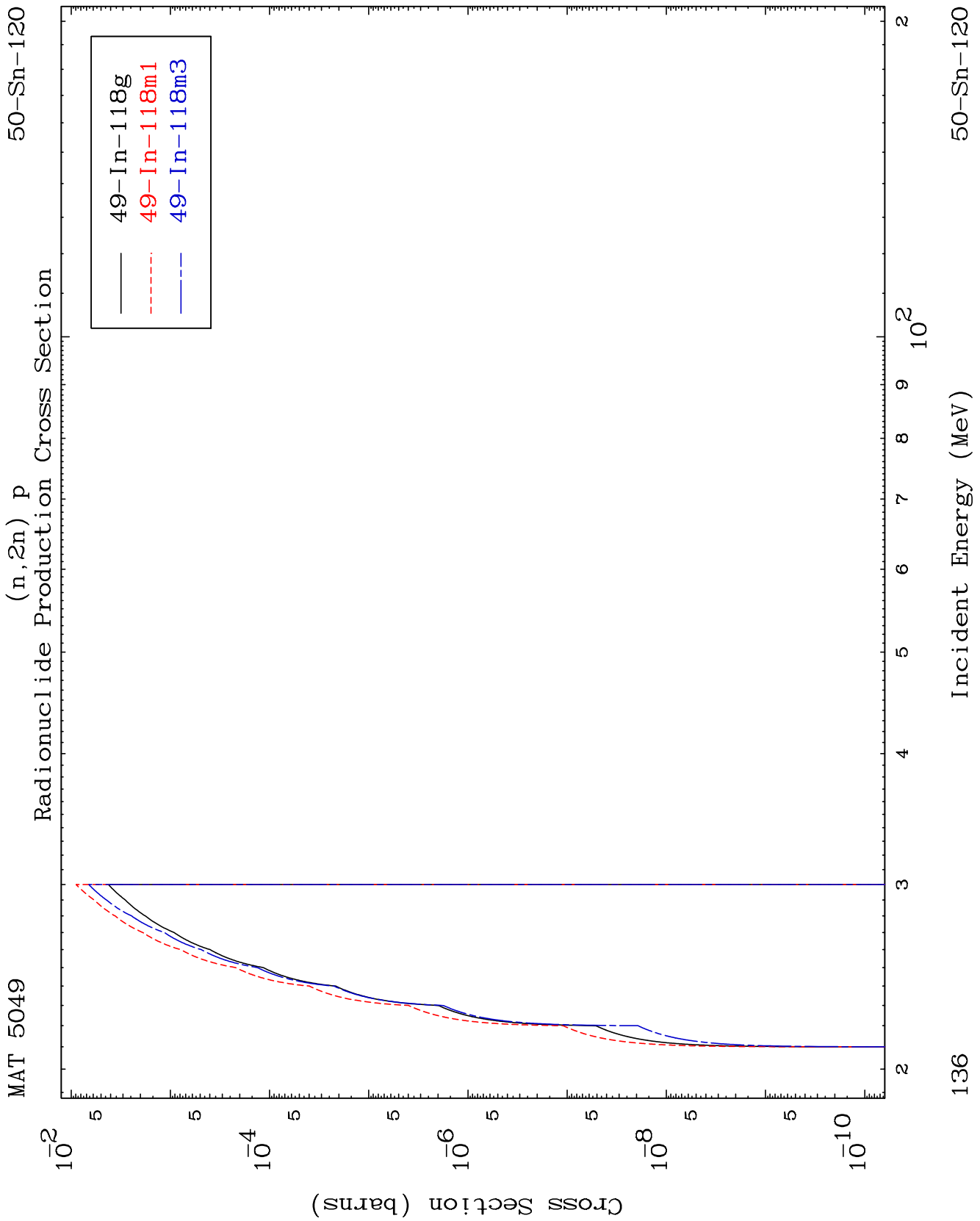
(n,4n)
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

135

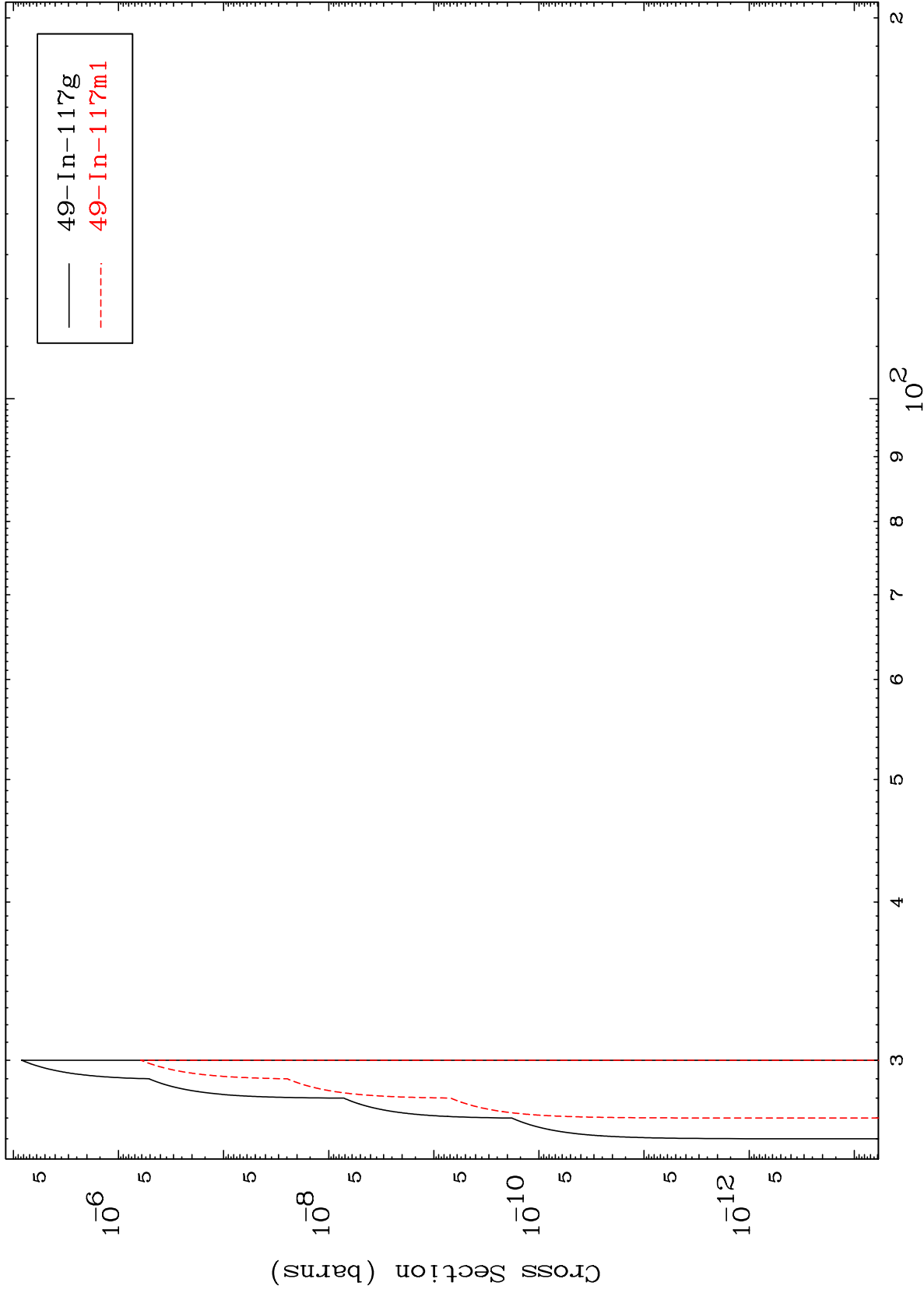


MAT 5049

(n,3n) p

50-Sn-120

Radionuclide Production Cross Section



137

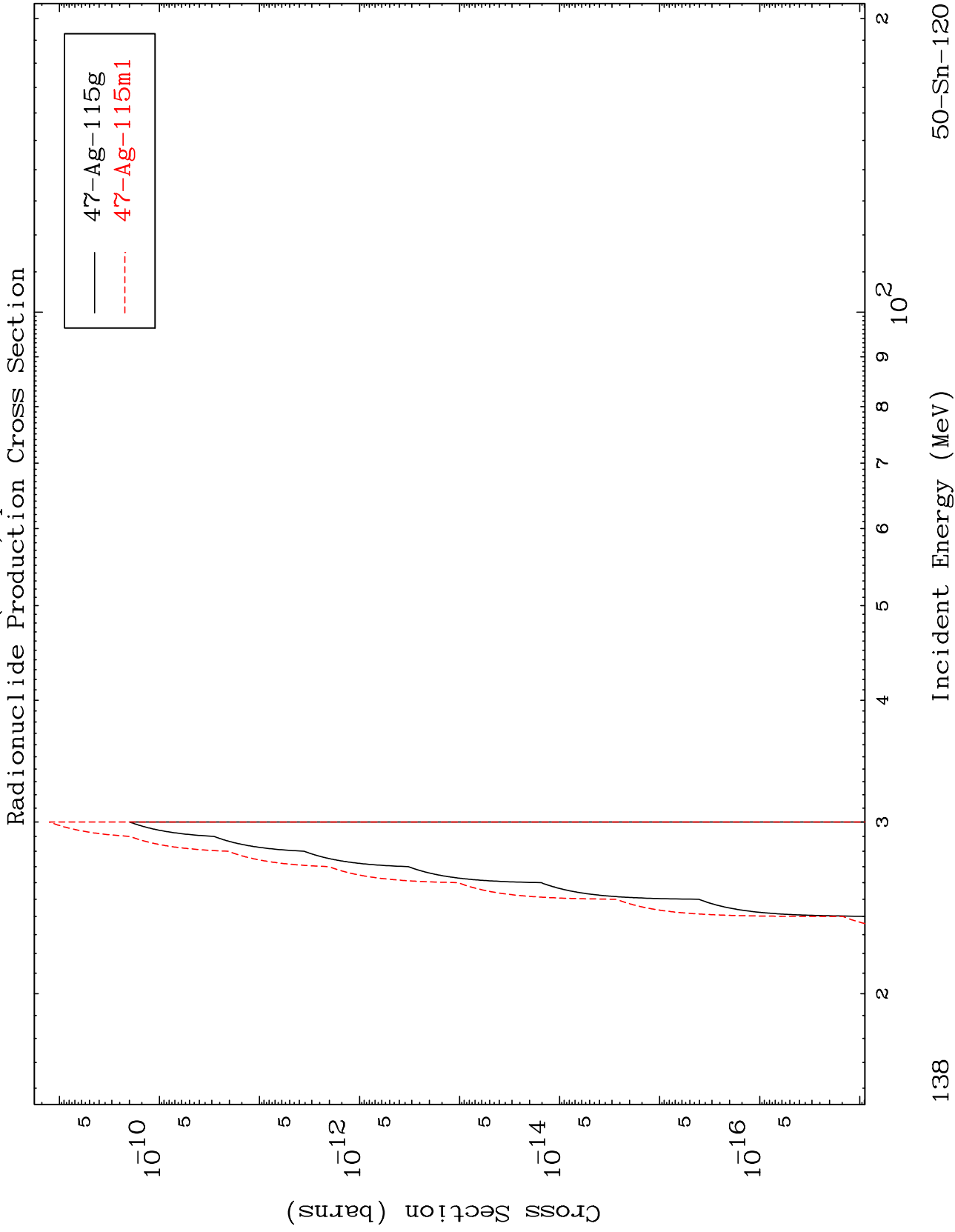
Incident Energy (MeV)

50-Sn-120

MAT 5049

(n,n') p α

50-Sn-120

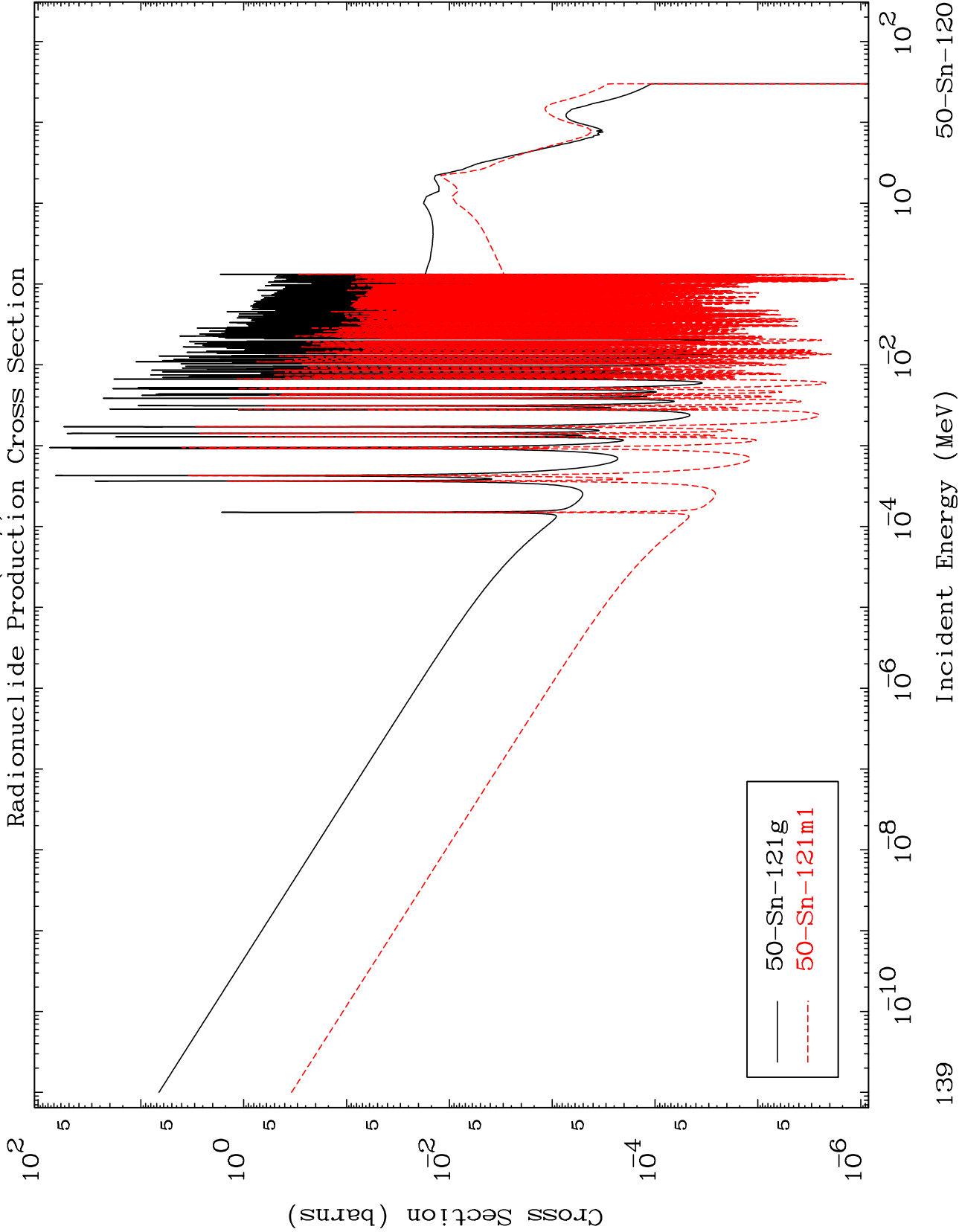


138

MAT 5049

50-Sn-120

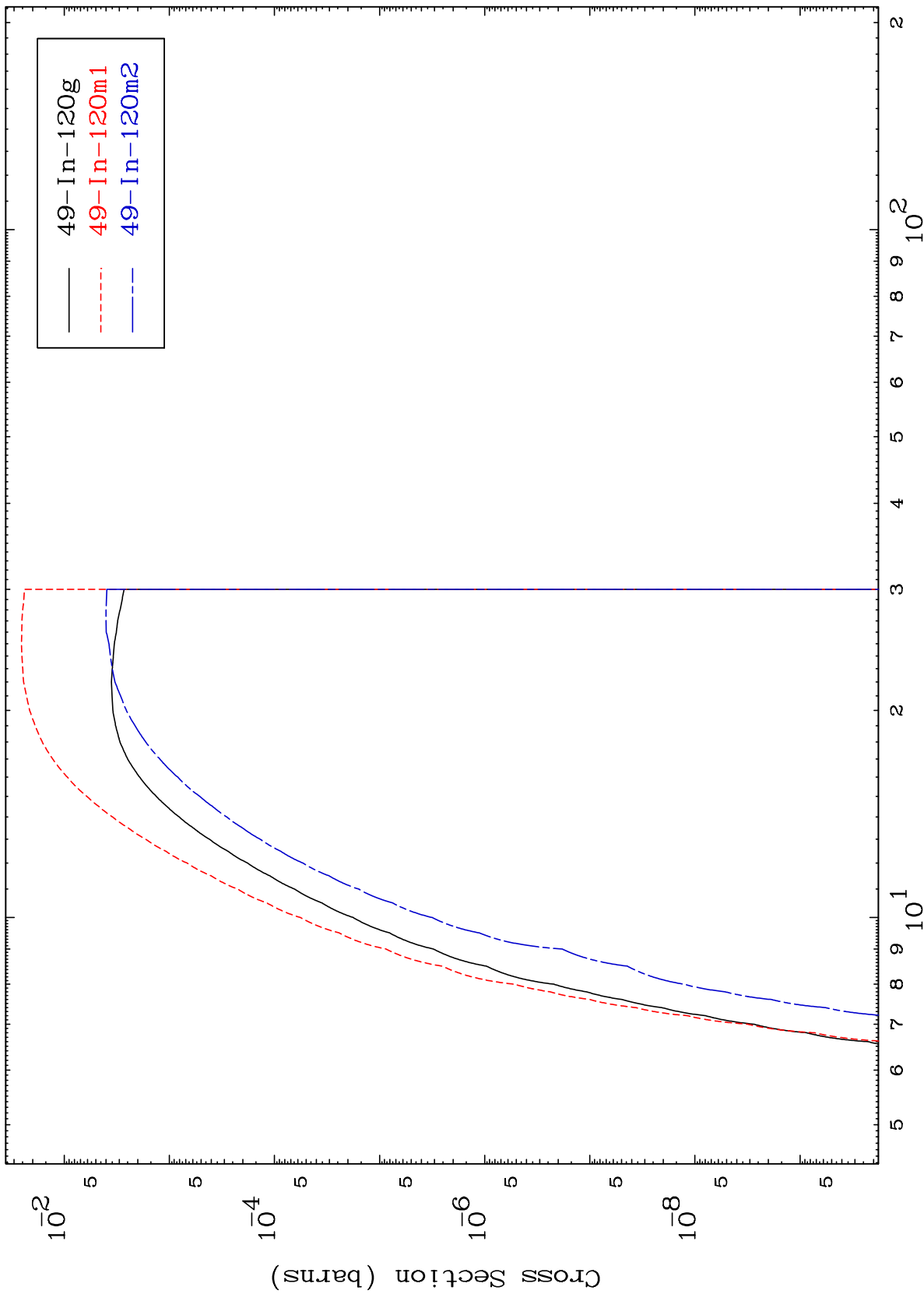
(n, γ)
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,p)
Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

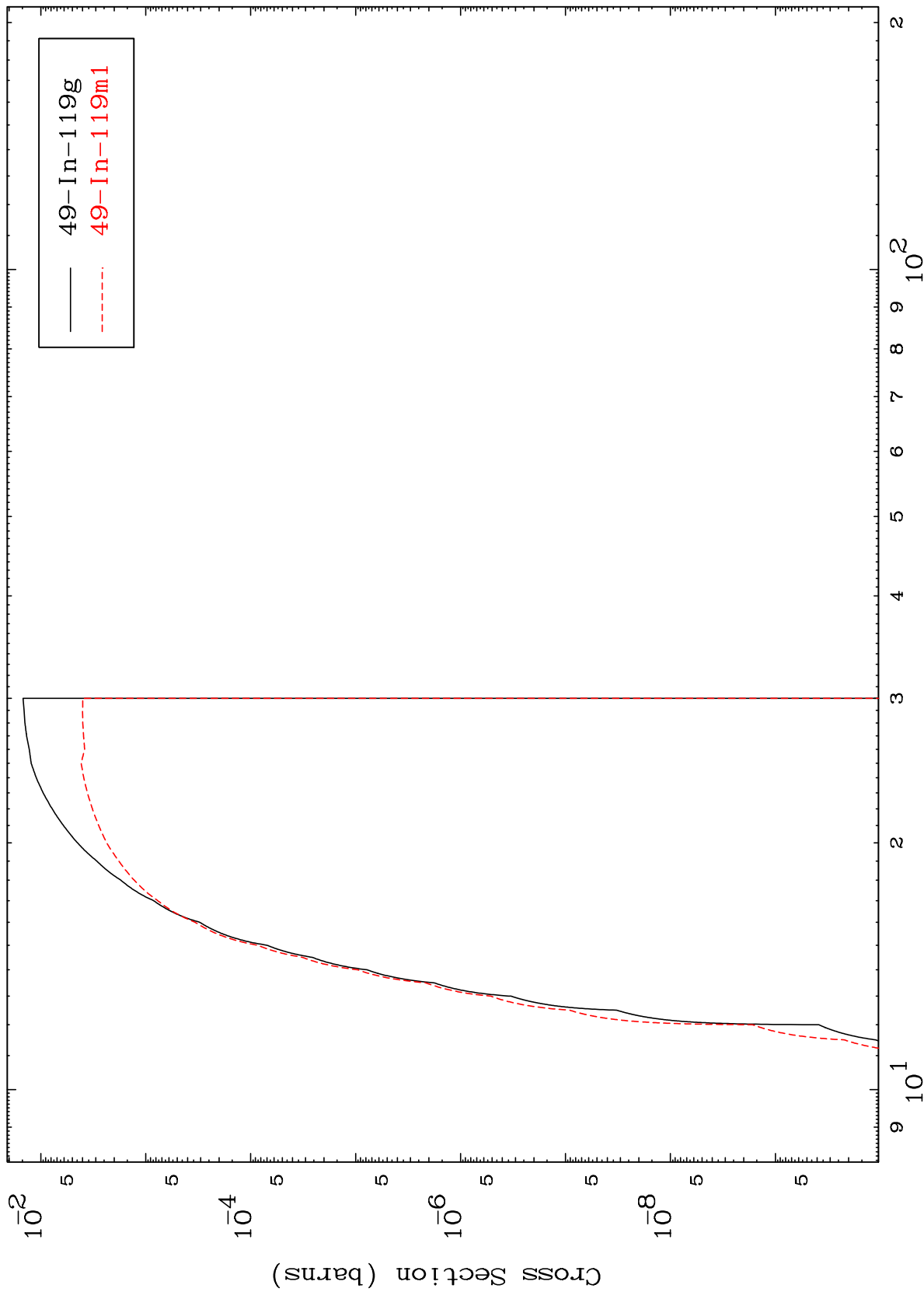
140

MAT 5049

(n,d)

50-Sn-120

Radionuclide Production Cross Section



141

Incident Energy (MeV)

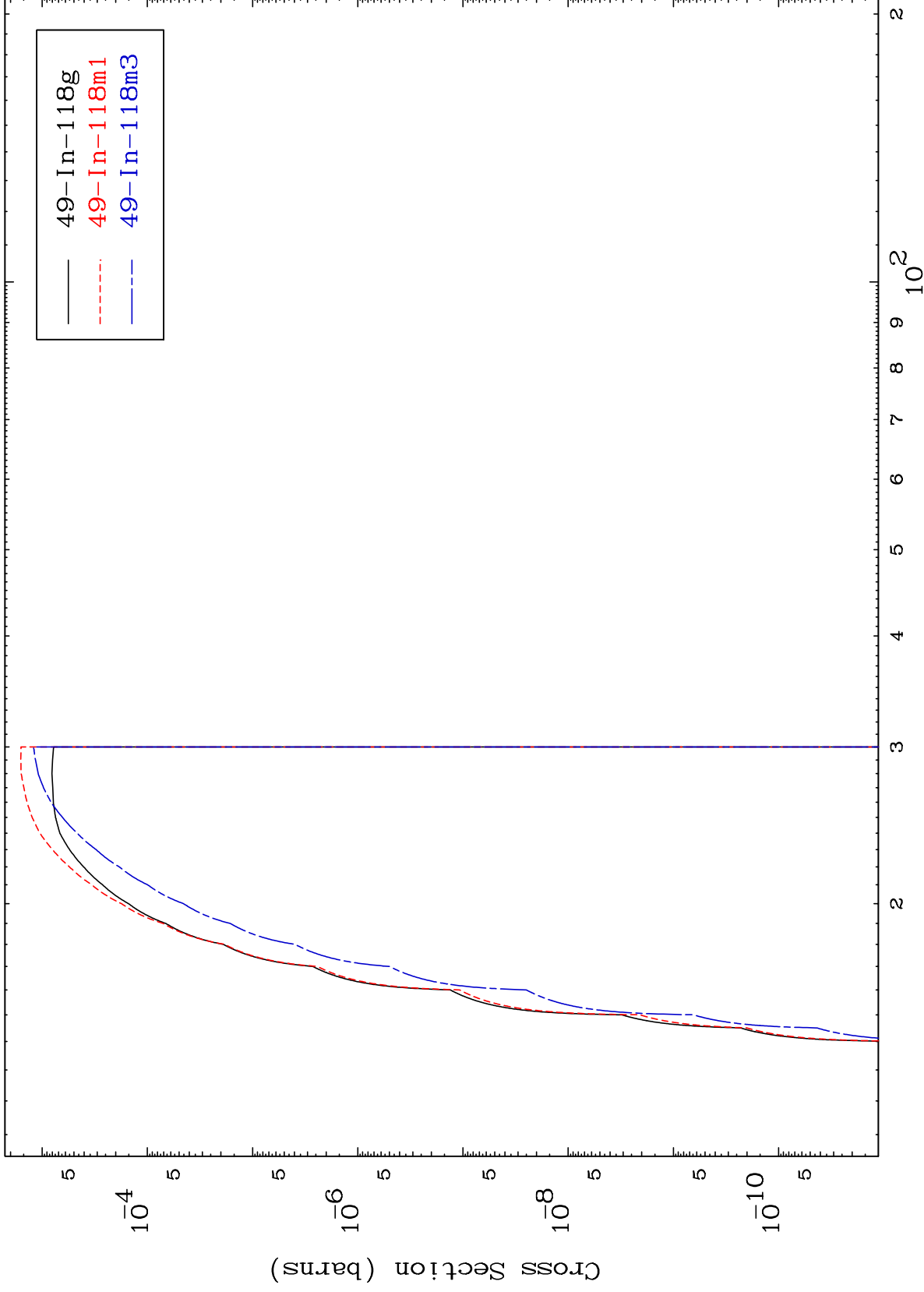
50-Sn-120

MAT 5049

(n,t)

50-Sn-120

Radionuclide Production Cross Section



142

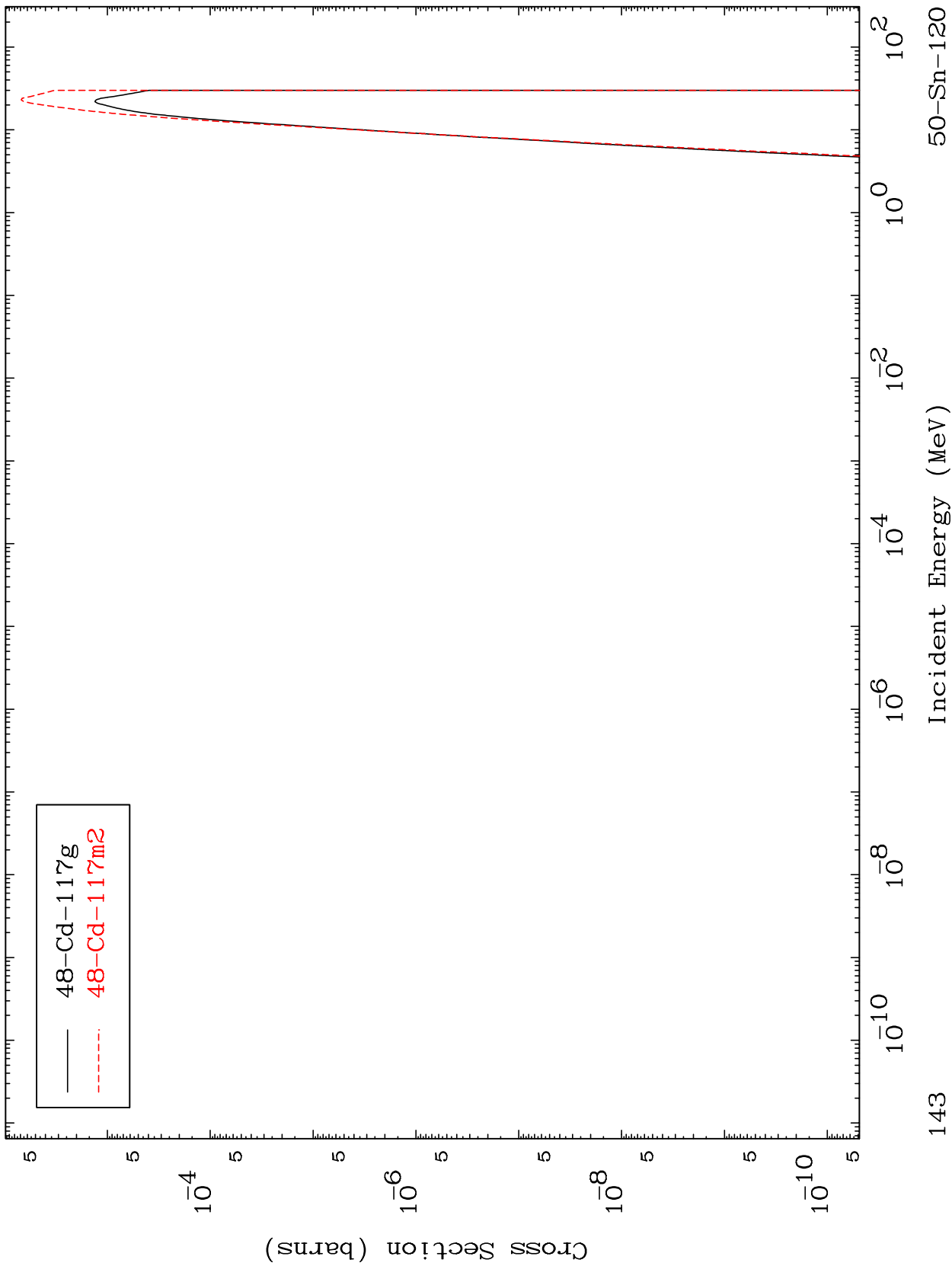
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

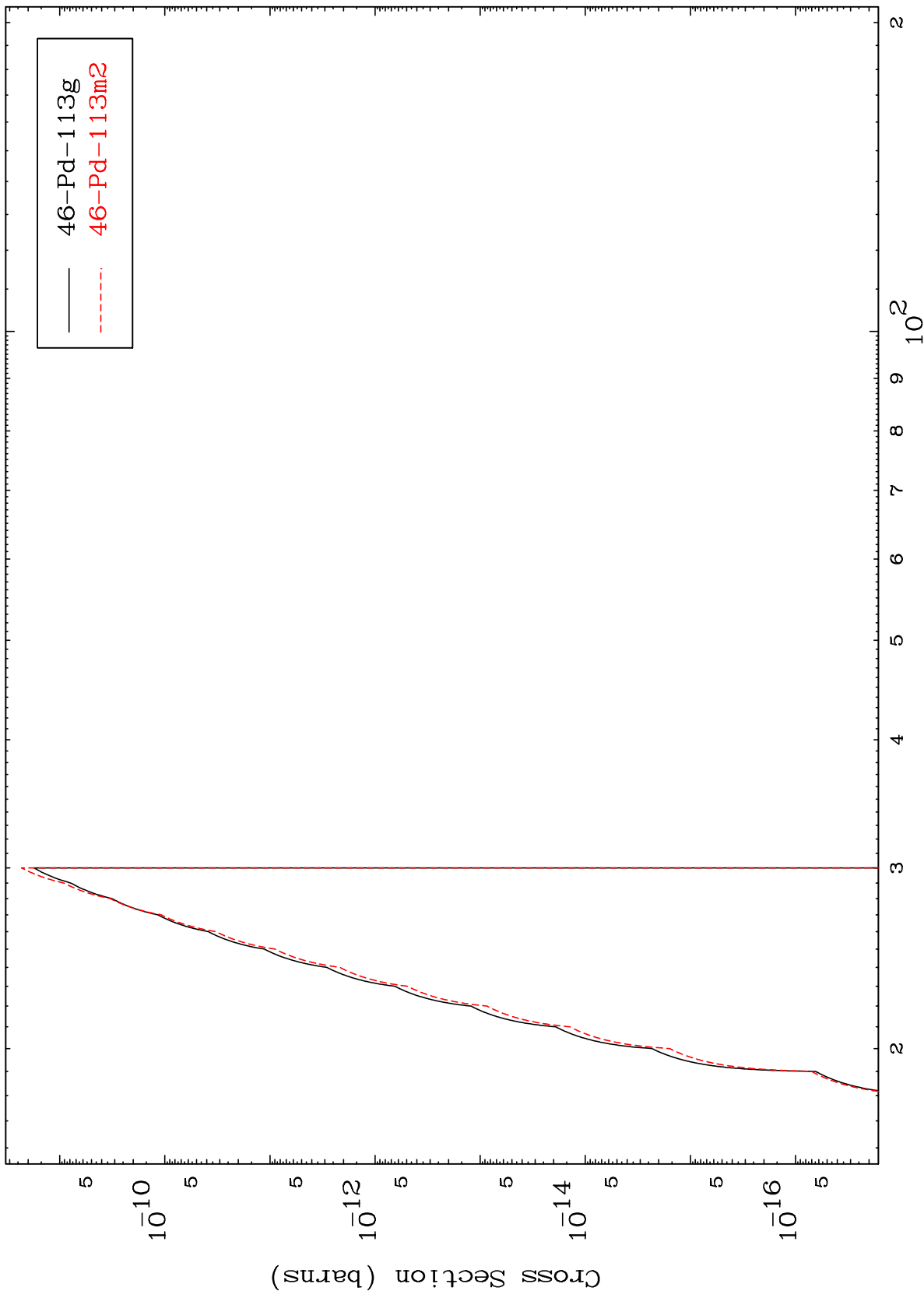
Radionuclide Production Cross Section



MAT 5049

50-Sn-120

(n,2α)
Radionuclide Production Cross Section



144

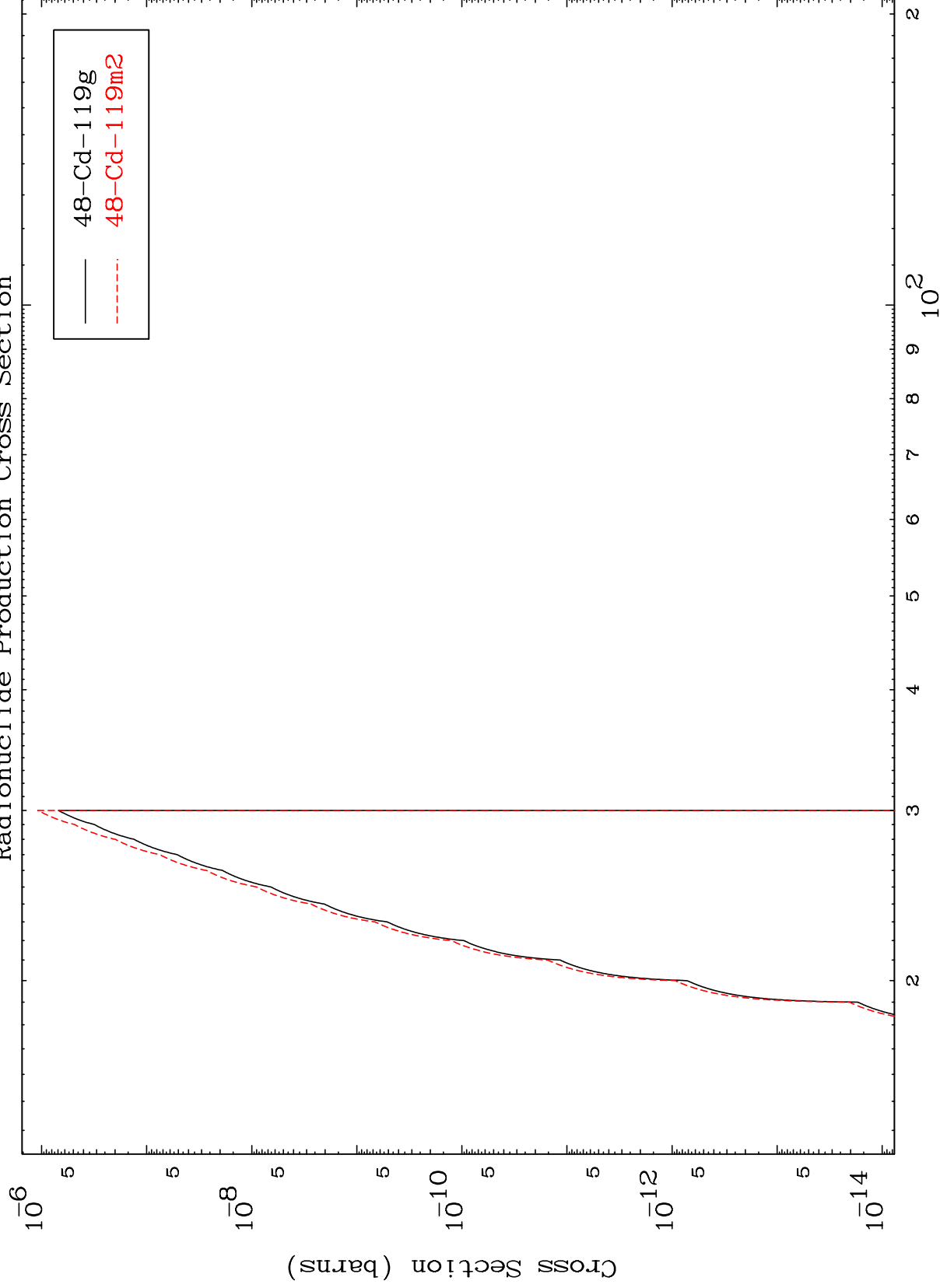
Incident Energy (MeV)

50-Sn-120

MAT 5049

50-Sn-120

(n,2p)
Radionuclide Production Cross Section



145

50-Sn-120

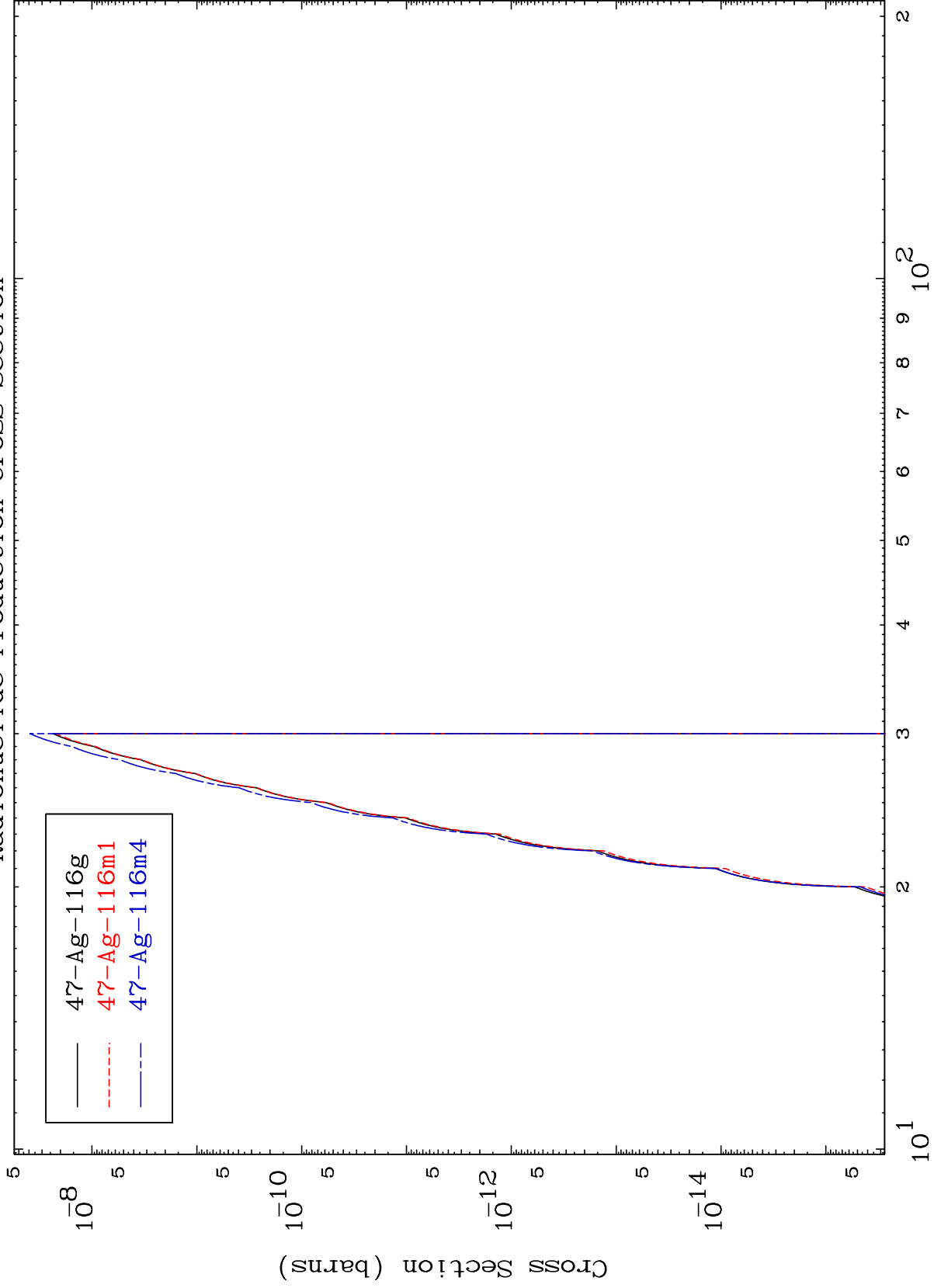
Incident Energy (MeV)

MAT 5049

50-Sn-120

(n,p) α

Radionuclide Production Cross Section



50-Sn-120

Incident Energy (MeV)

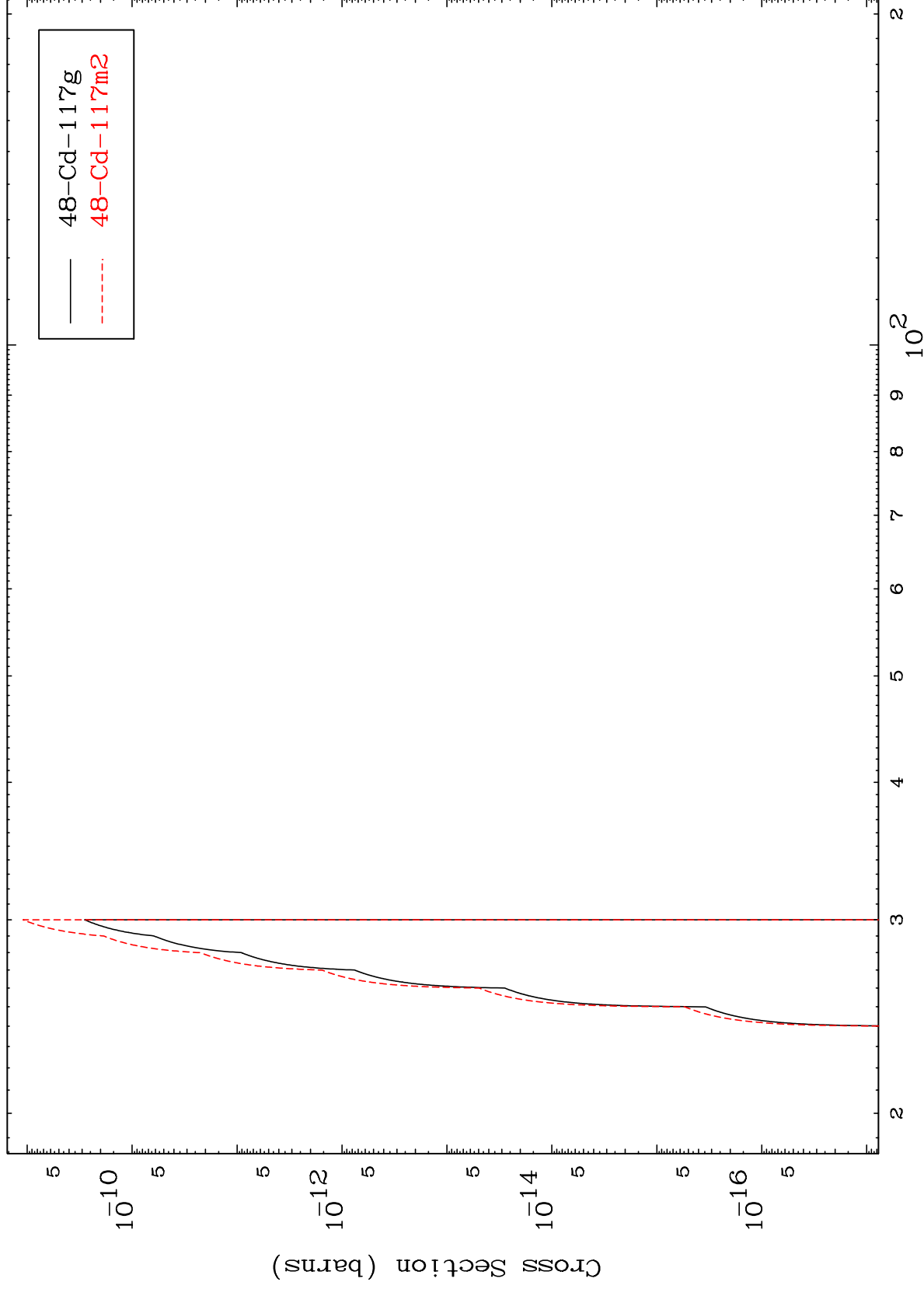
146

MAT 5049

(n,p) t

50-Sn-120

Radionuclide Production Cross Section



147

Incident Energy (MeV)

50-Sn-120