

Program EVALPLOT
(Version 2015-2)

by

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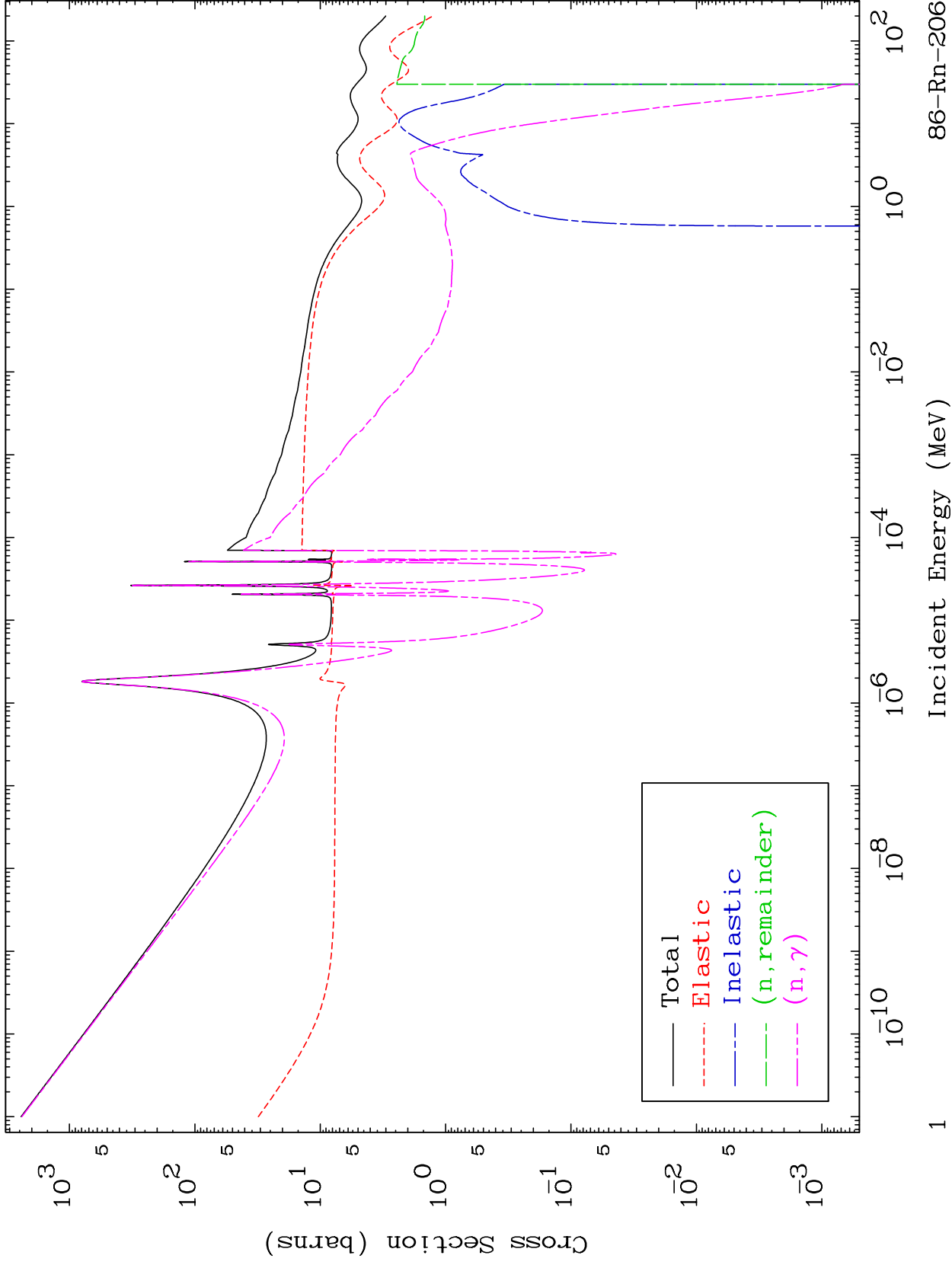
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8610

Major
293 Kelvin Cross Sections

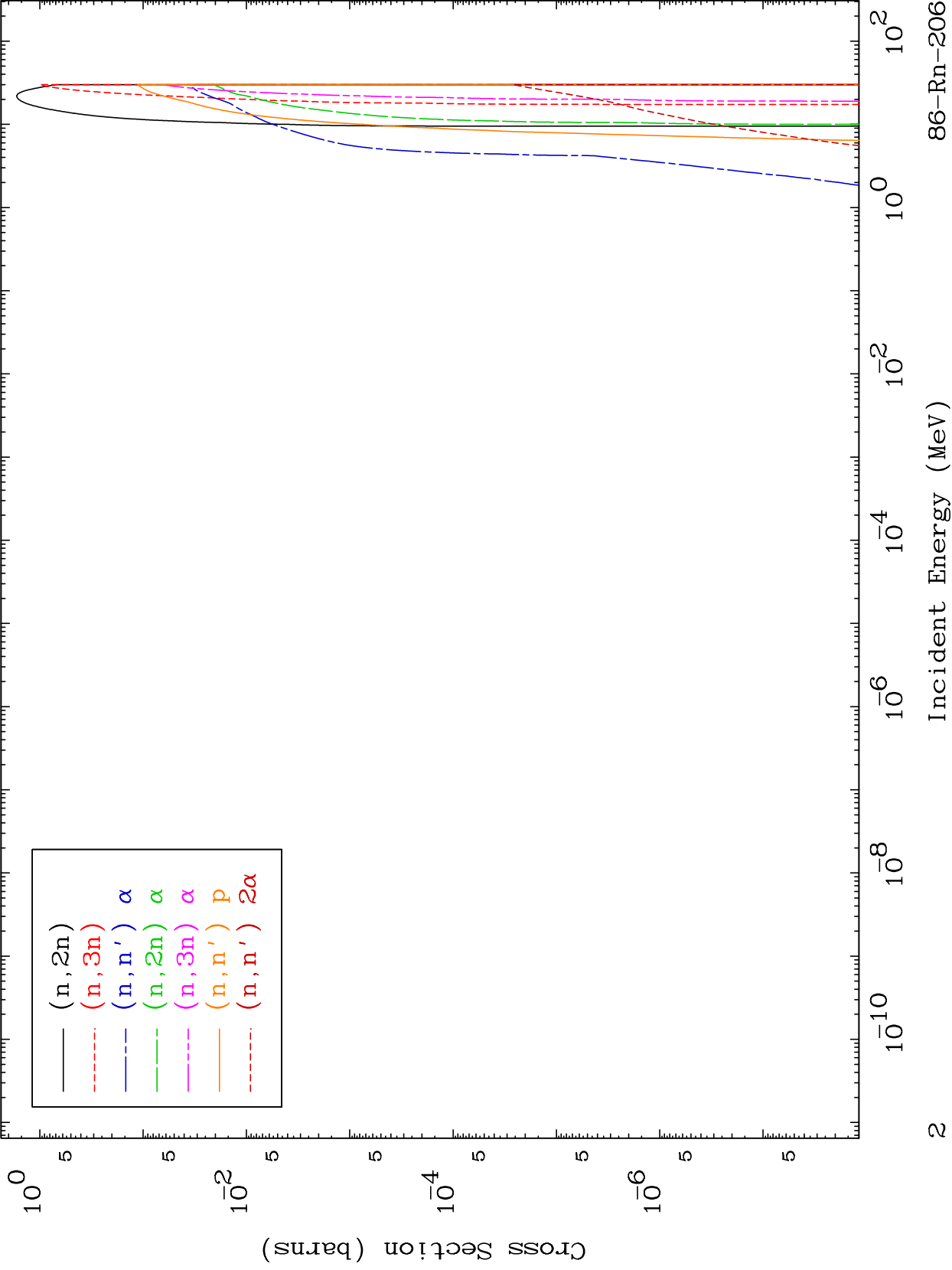
86-Rn-206



MAT 8610

Neutron Production
293 Kelvin Cross Sections

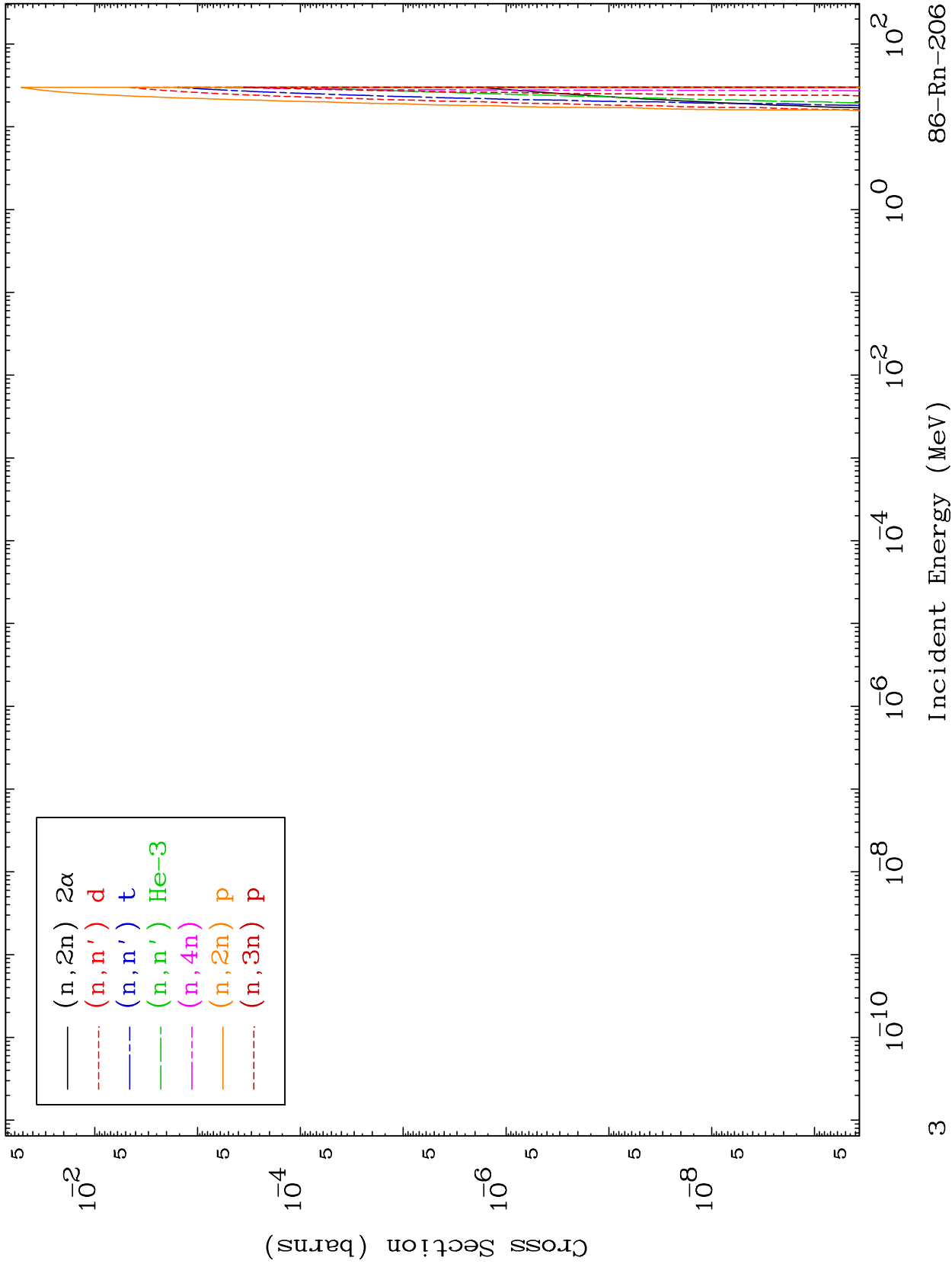
86-Rn-206



MAT 8610

Neutron Production
293 Kelvin Cross Sections

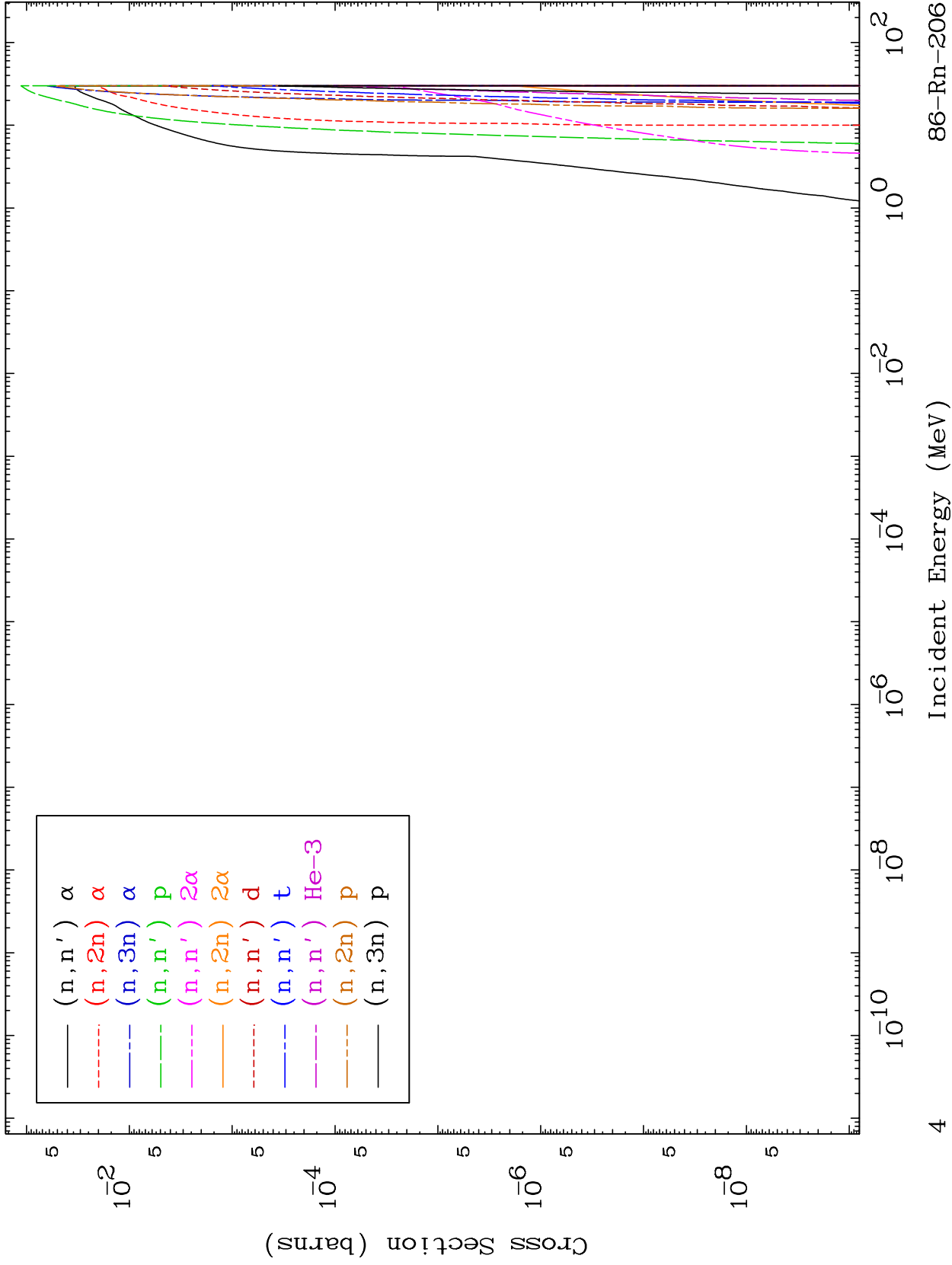
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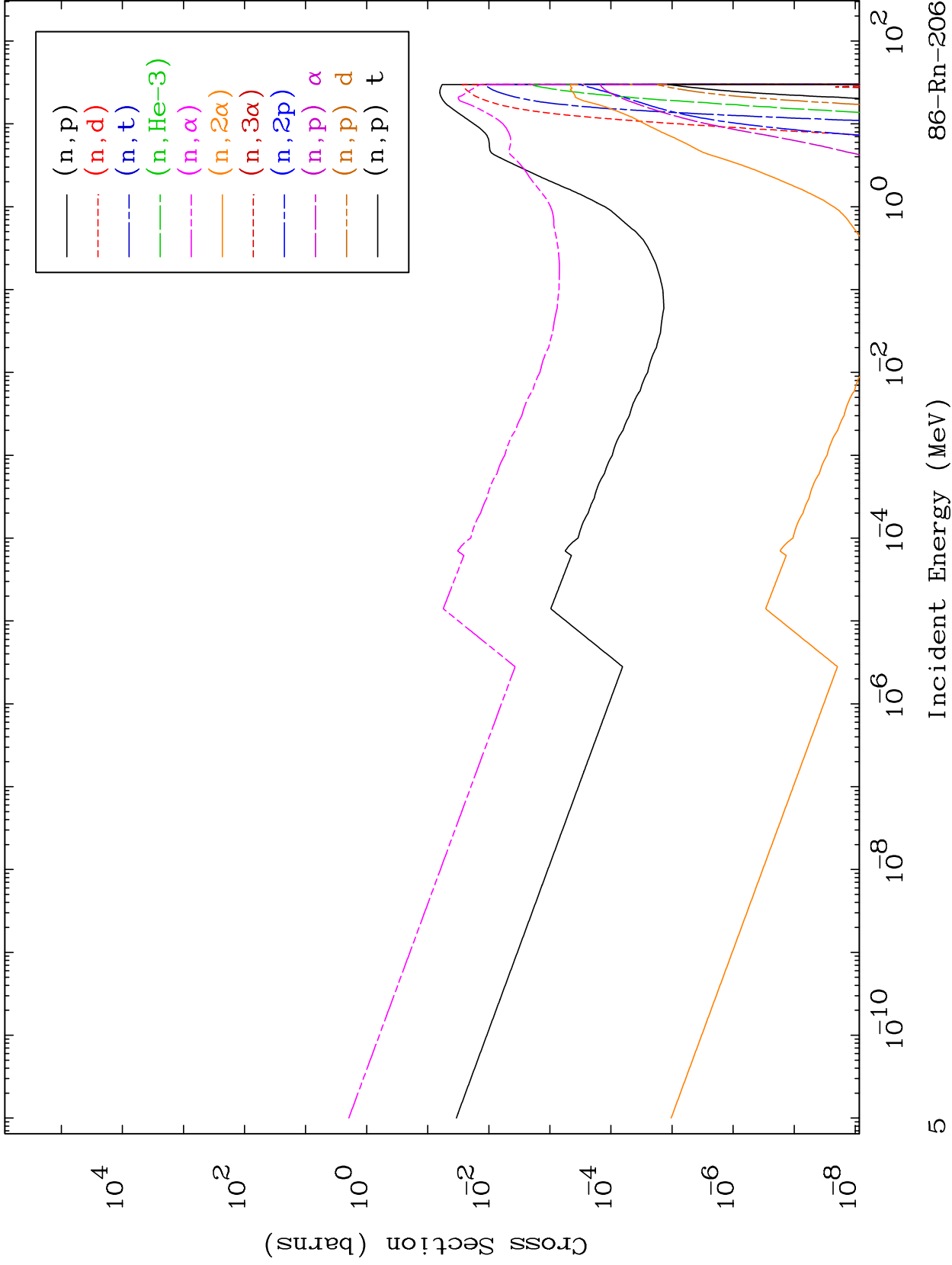


MAT 8610

Charged Particle
293 Kelvin Cross Sections

86-Rn-206

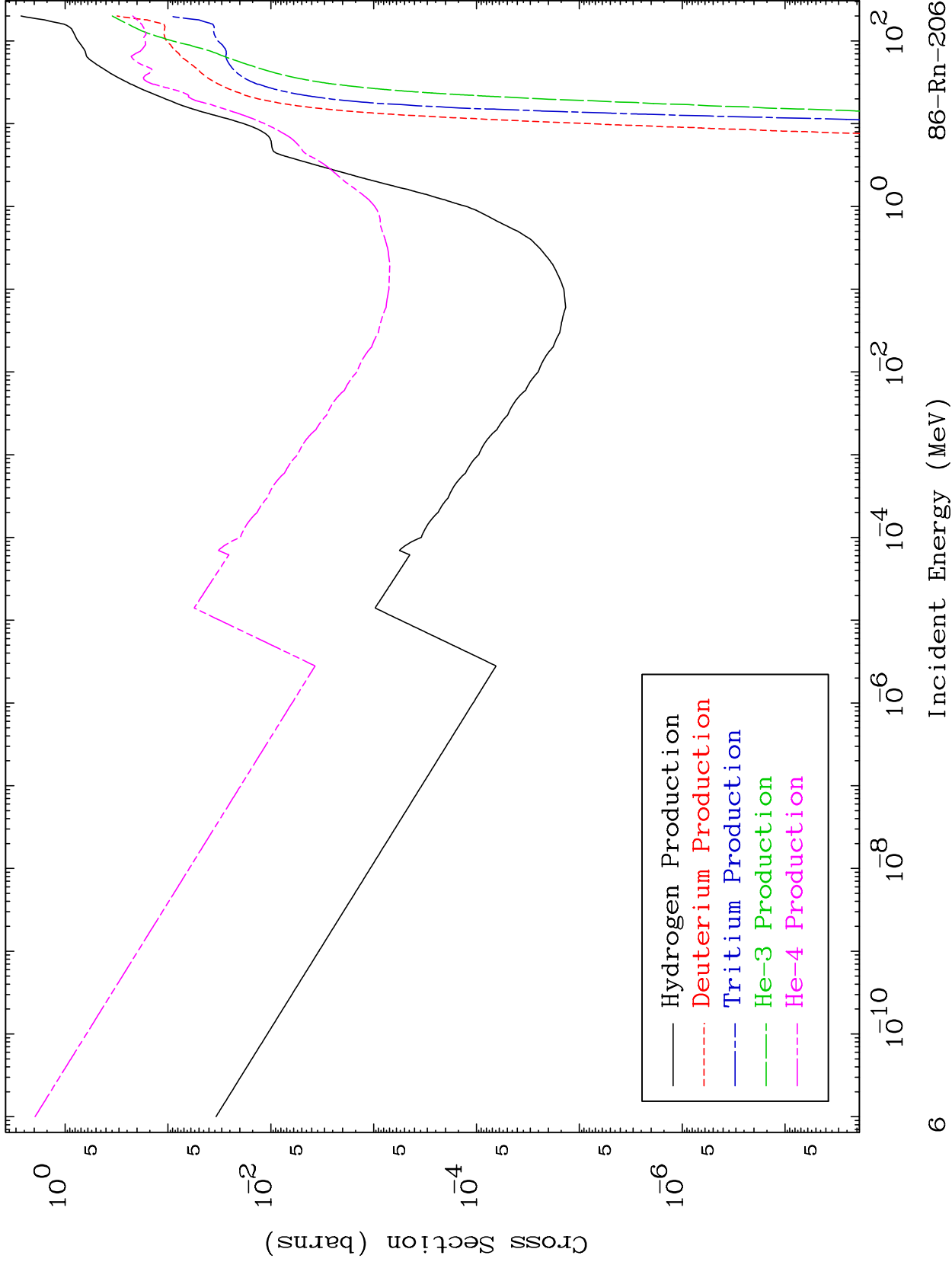




MAT 8610

Particle Production
293 Kelvin Cross Sections

86-Rn-206

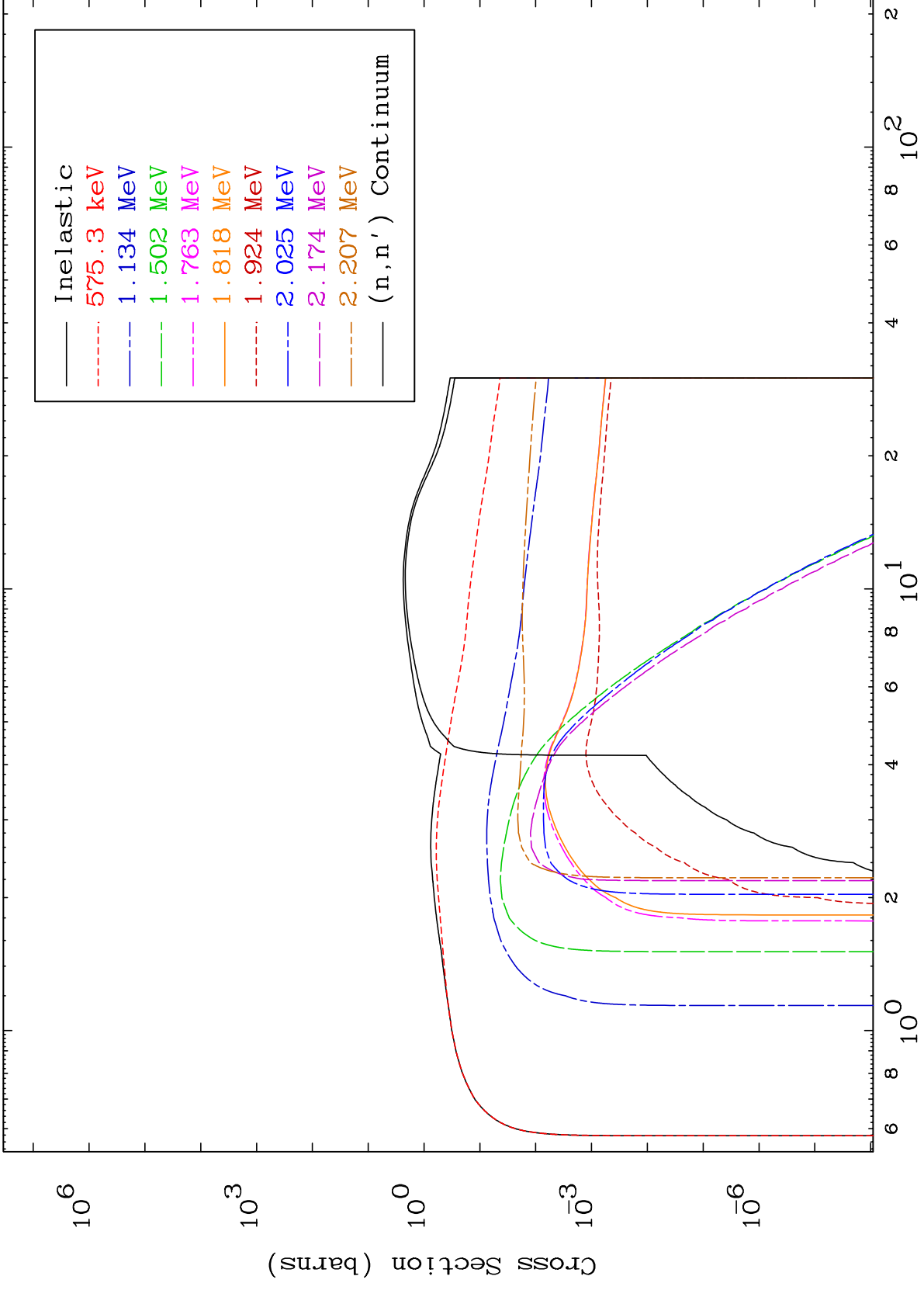


MAT 8610

(n,n') Level

86-Rn-206

293 Kelvin Cross Sections



7

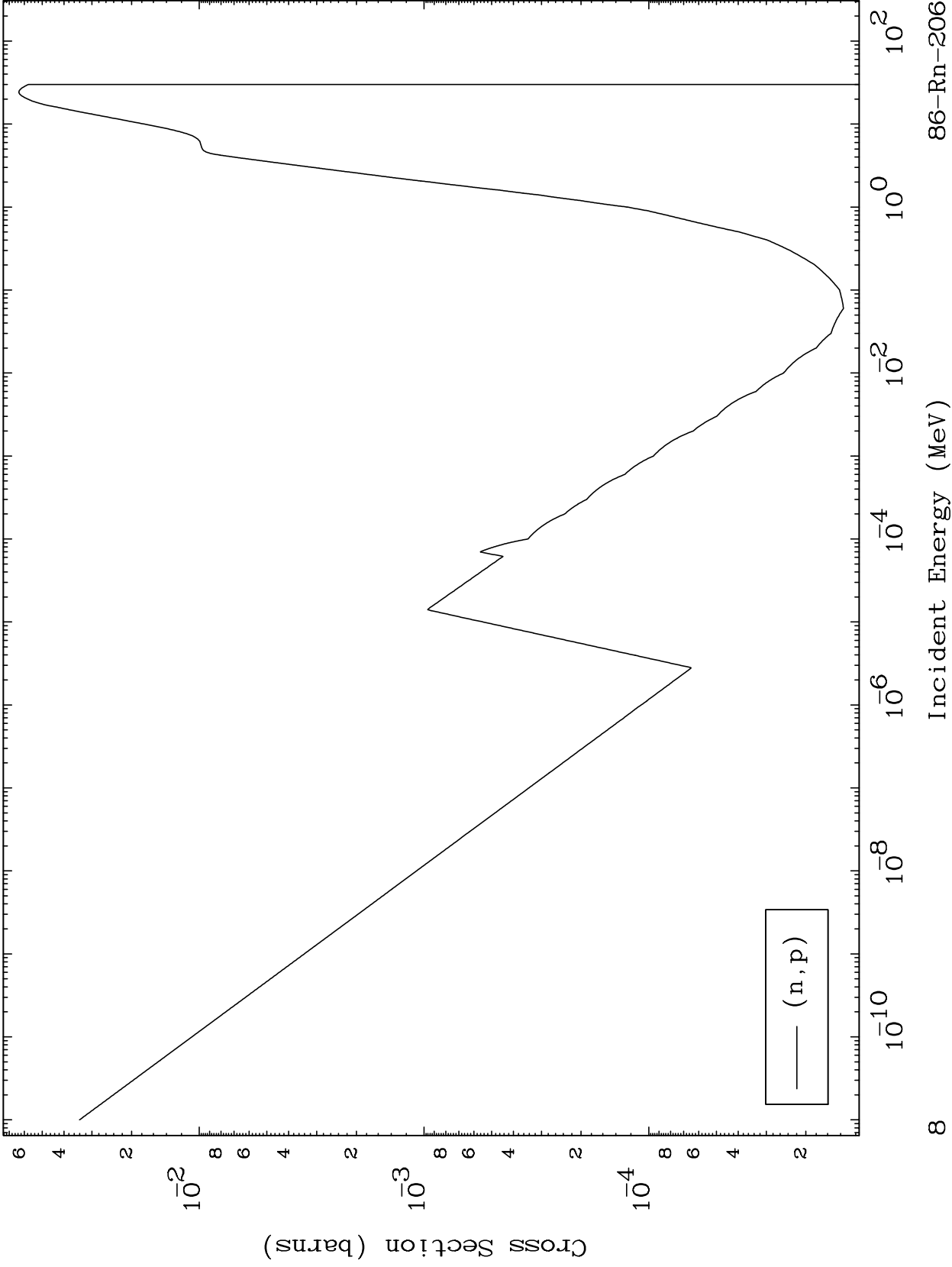
Incident Energy (MeV)

86-Rn-206

MAT 8610

(n,p) Levels
293 Kelvin Cross Sections

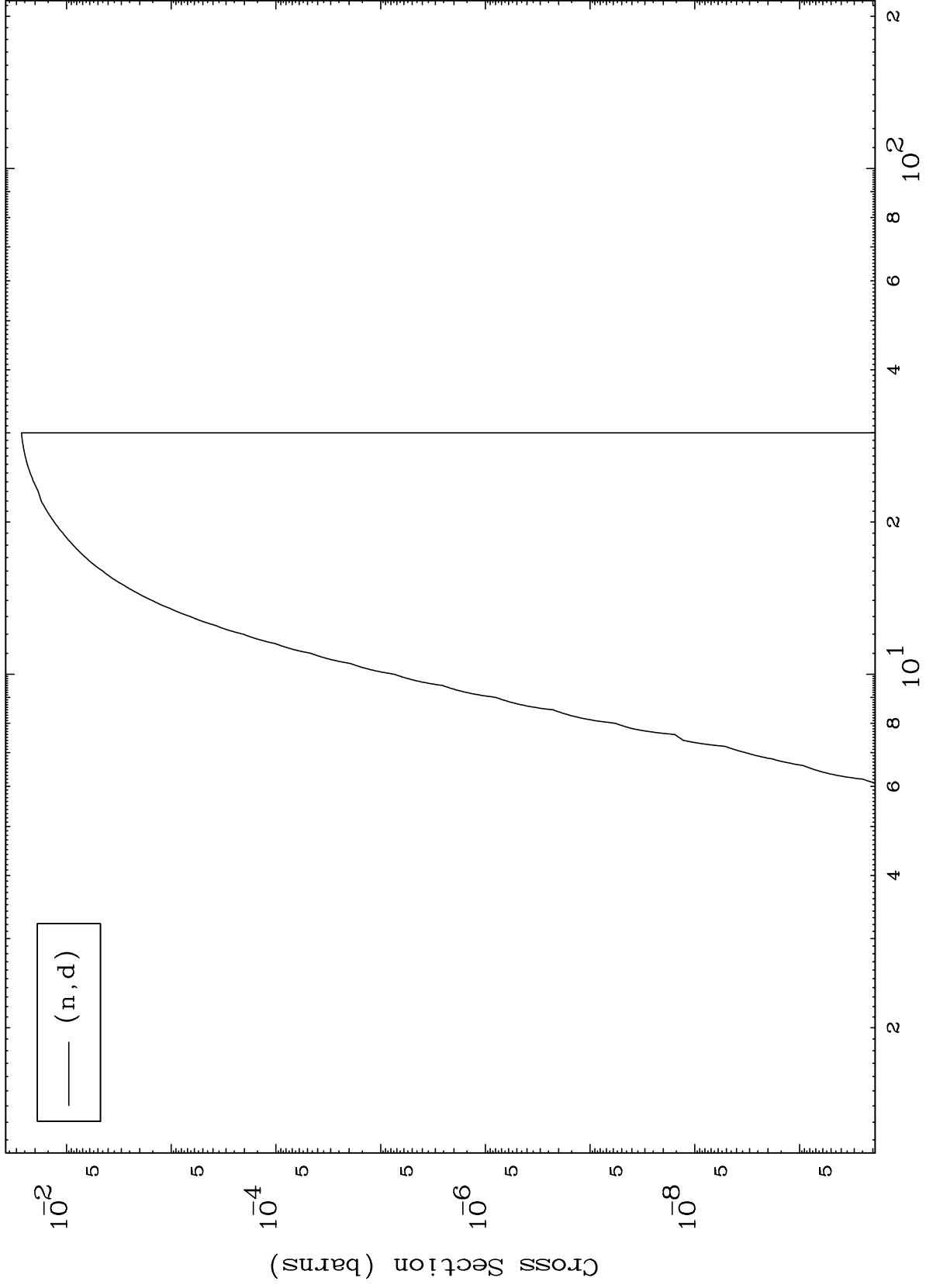
86-Rn-206



MAT 8610

(n,d) Levels
293 Kelvin Cross Sections

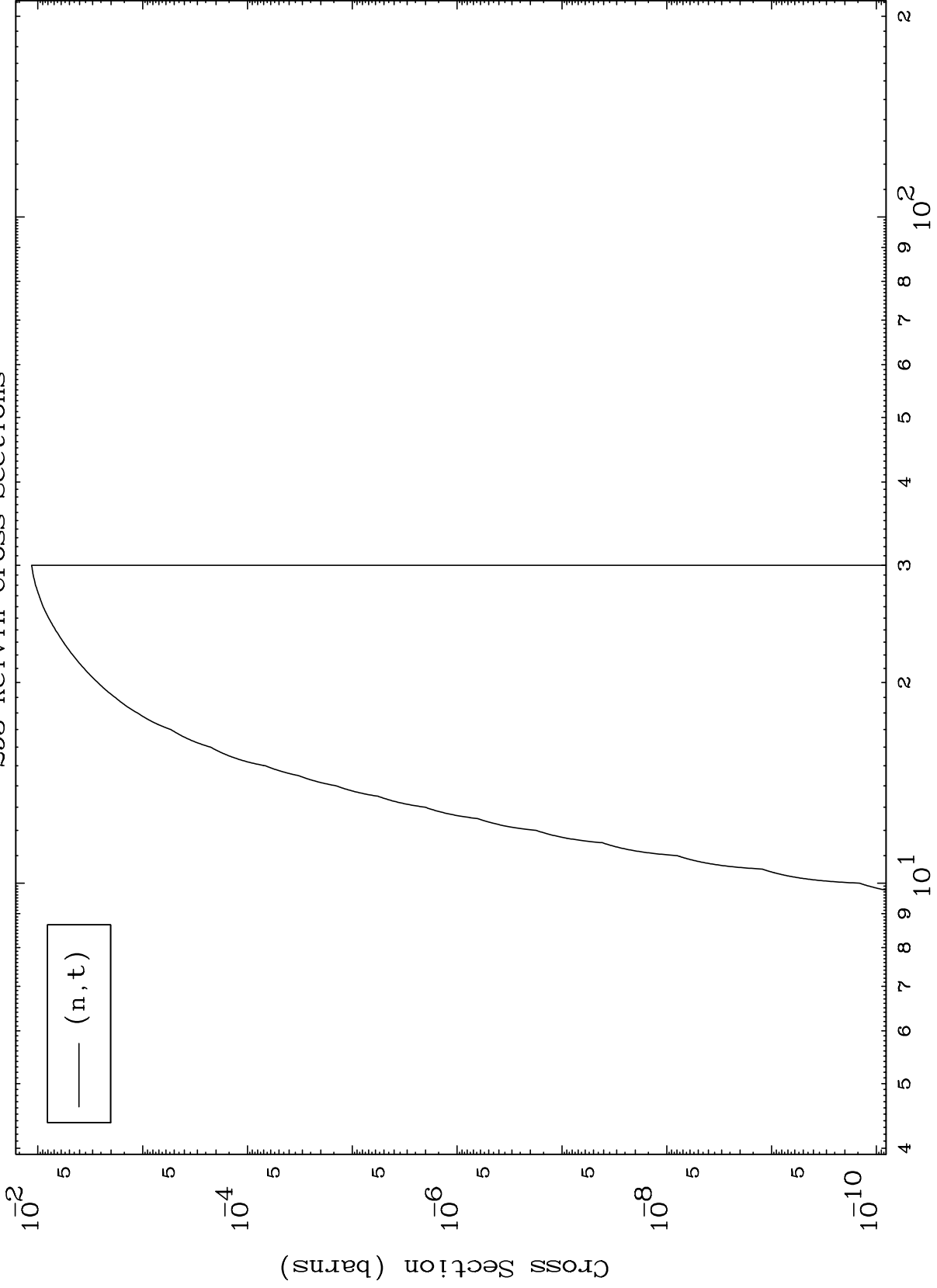
86-Rn-206



MAT 8610

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-206



10

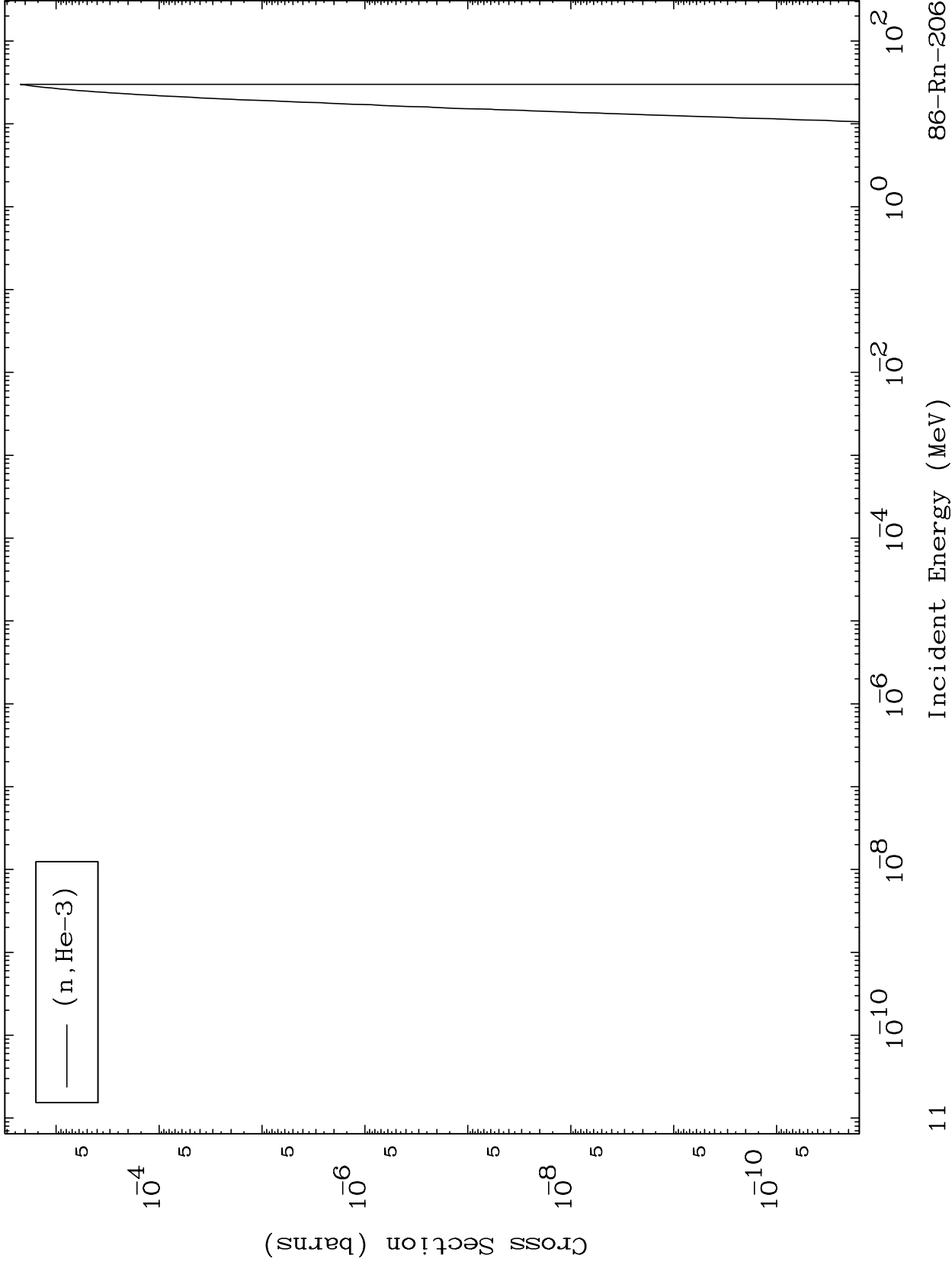
Incident Energy (MeV)

86-Rn-206

MAT 8610

(n,He3) Levels
293 Kelvin Cross Sections

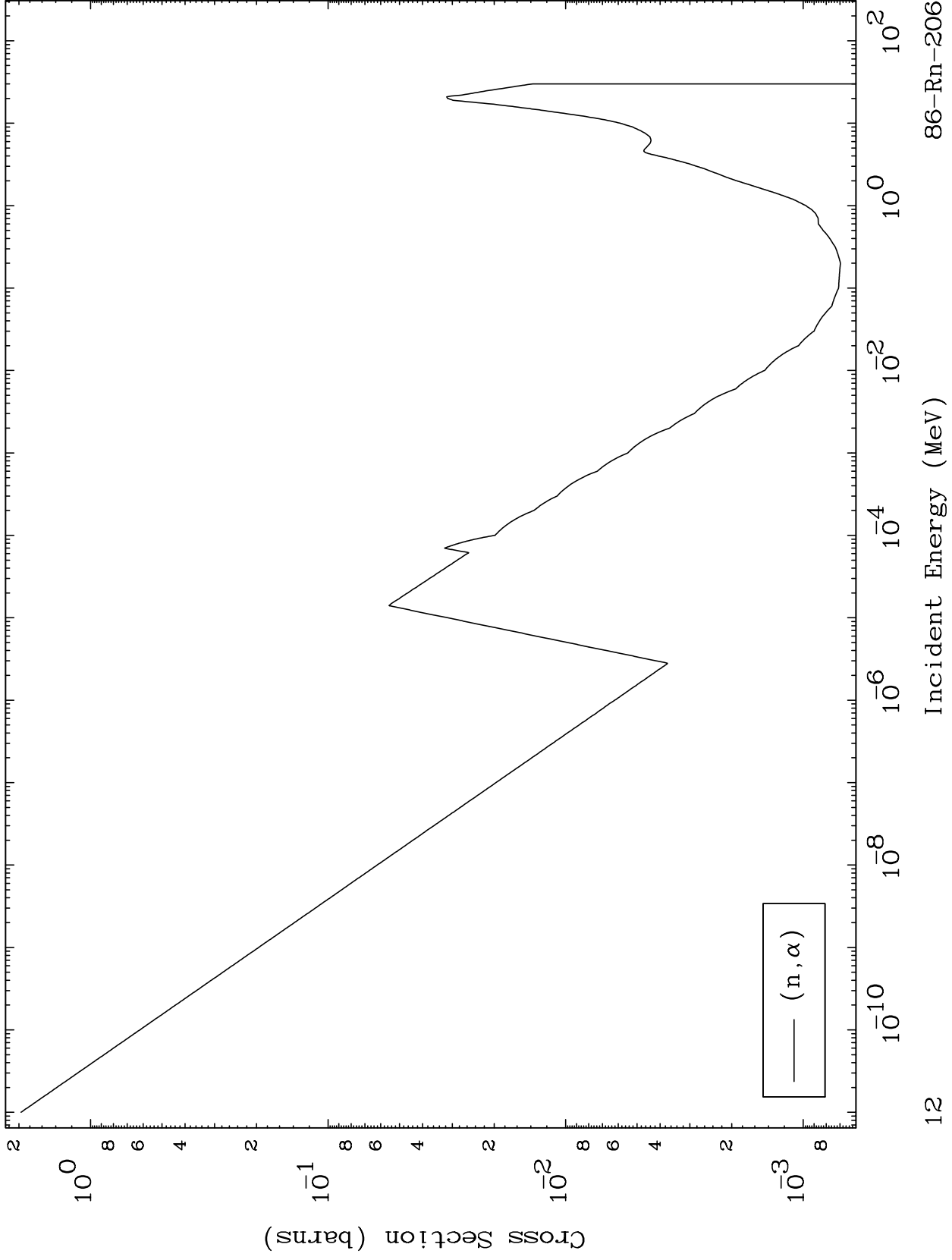
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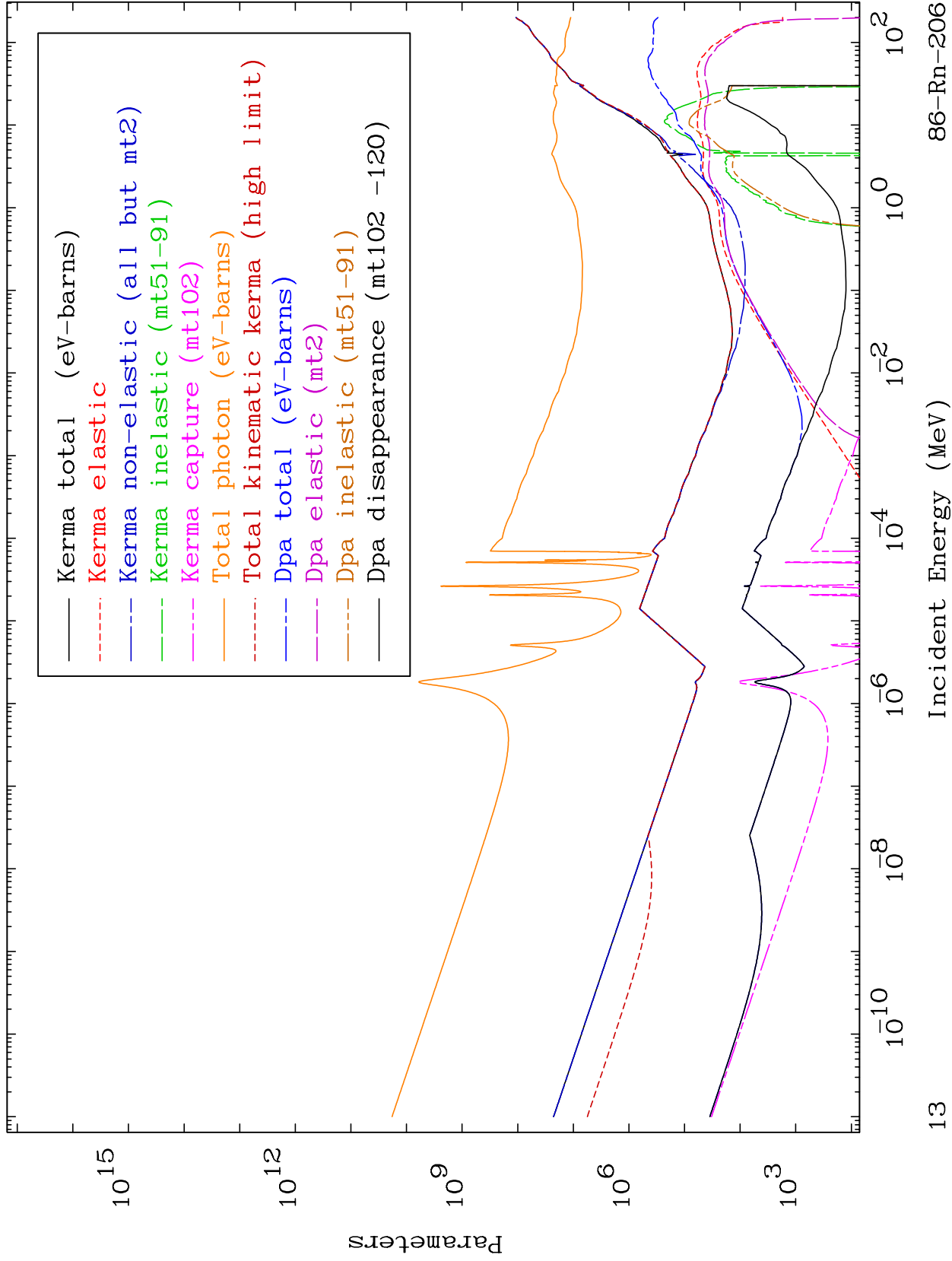


MAT 8610

(n,α) Levels
293 Kelvin Cross Sections

86-Rn-206

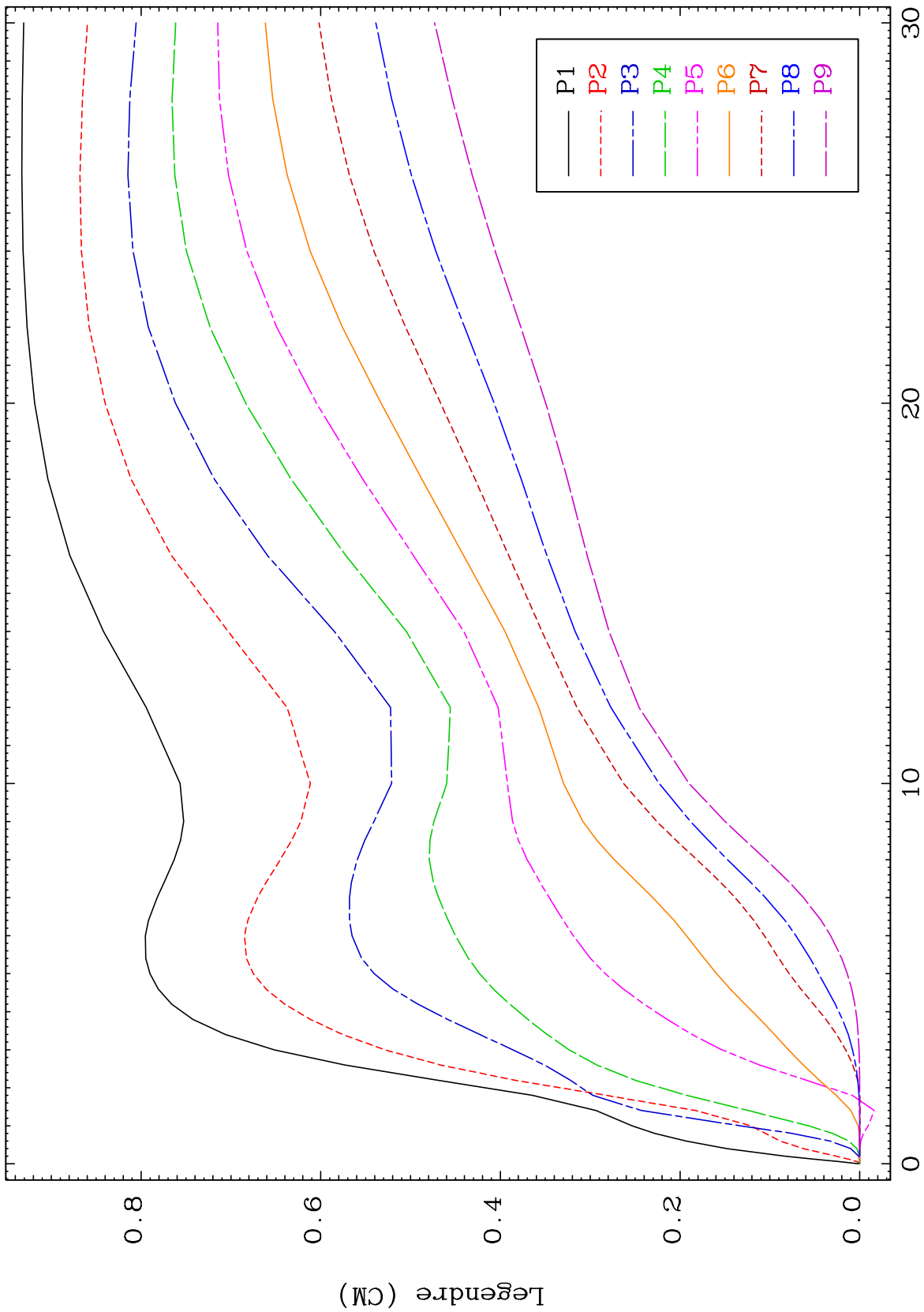




MAT 8610

86-Rn-206

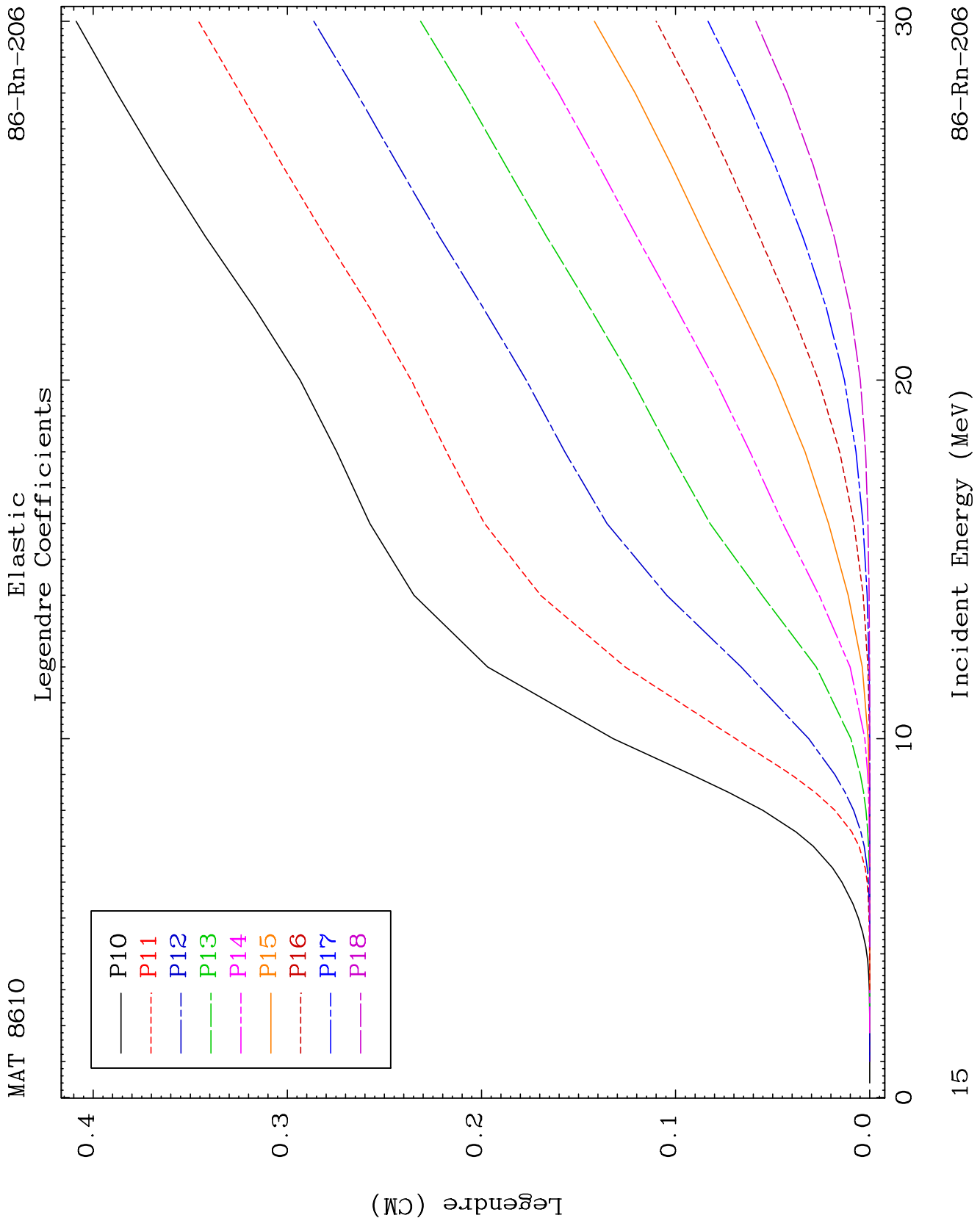
Elastic Legendre Coefficients



14

Incident Energy (MeV)

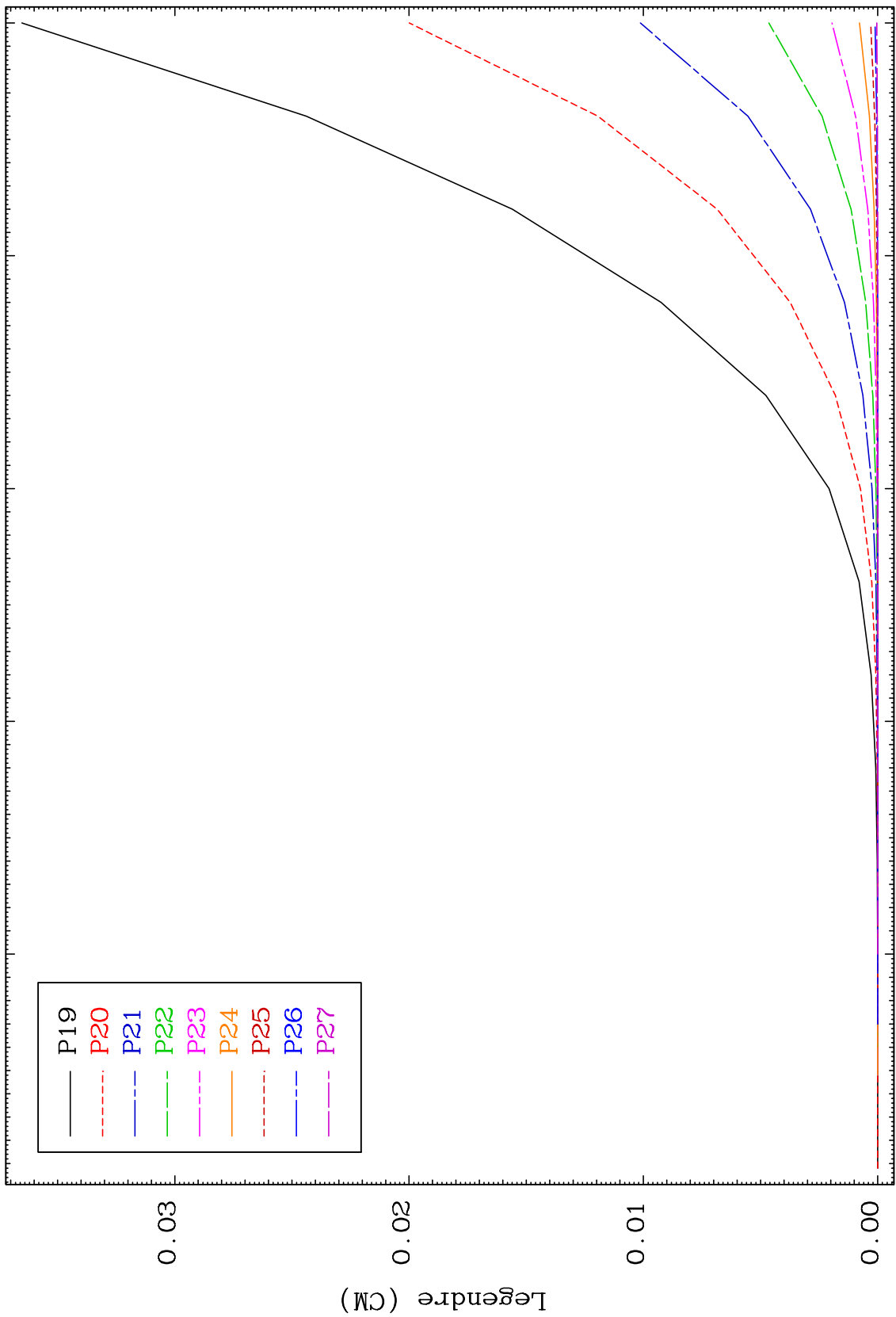
86-Rn-206



MAT 8610

Elastic Legendre Coefficients

86-Rn-206



16

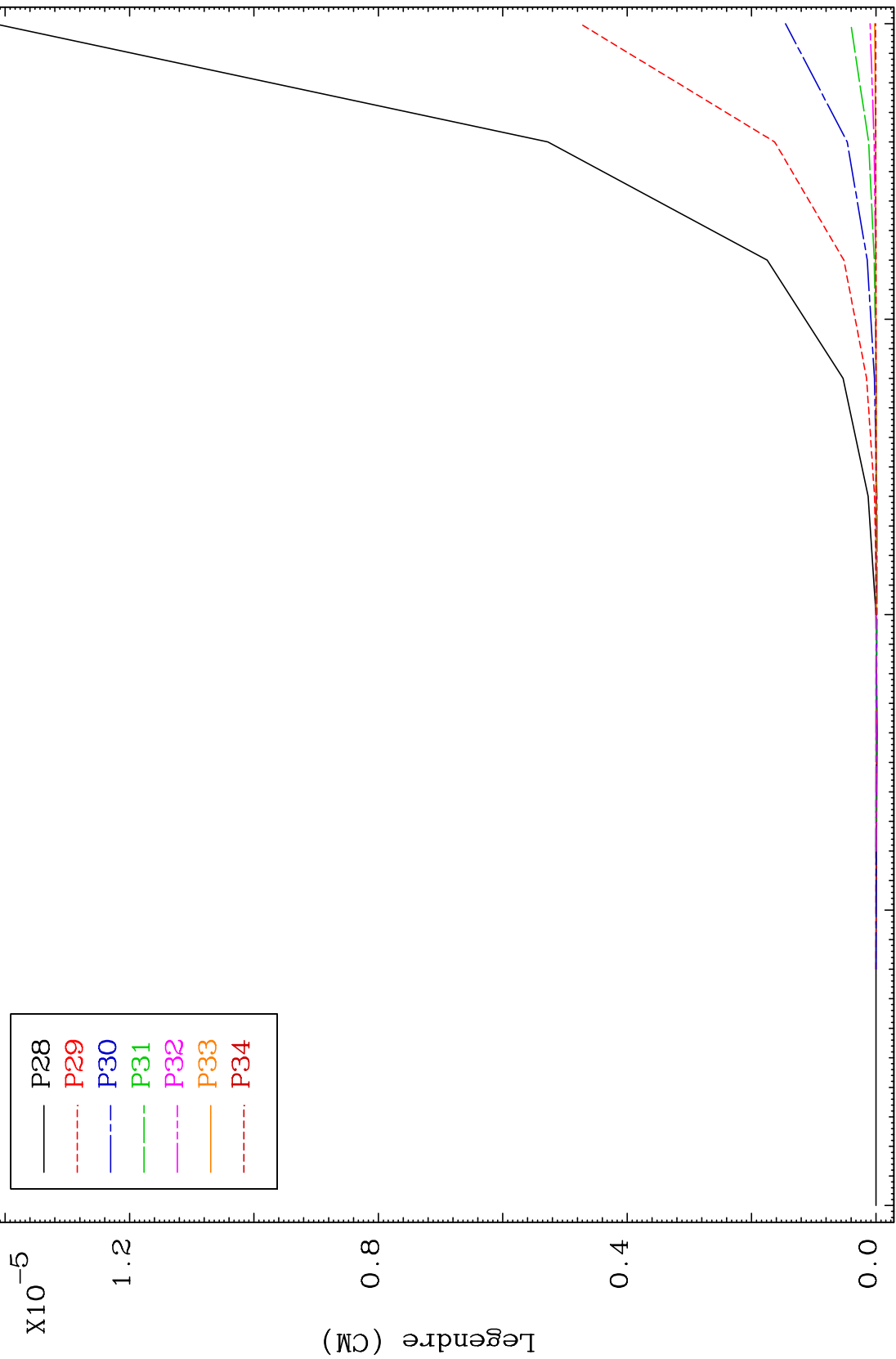
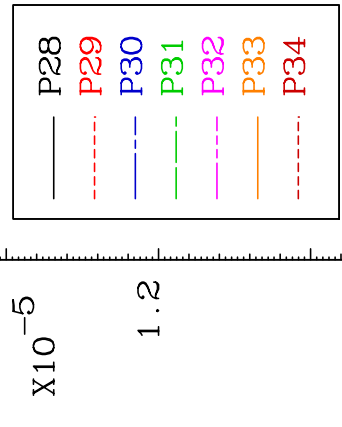
Incident Energy (MeV)

86-Rn-206

MAT 8610

Elastic Legendre Coefficients

86-Rn-206



17

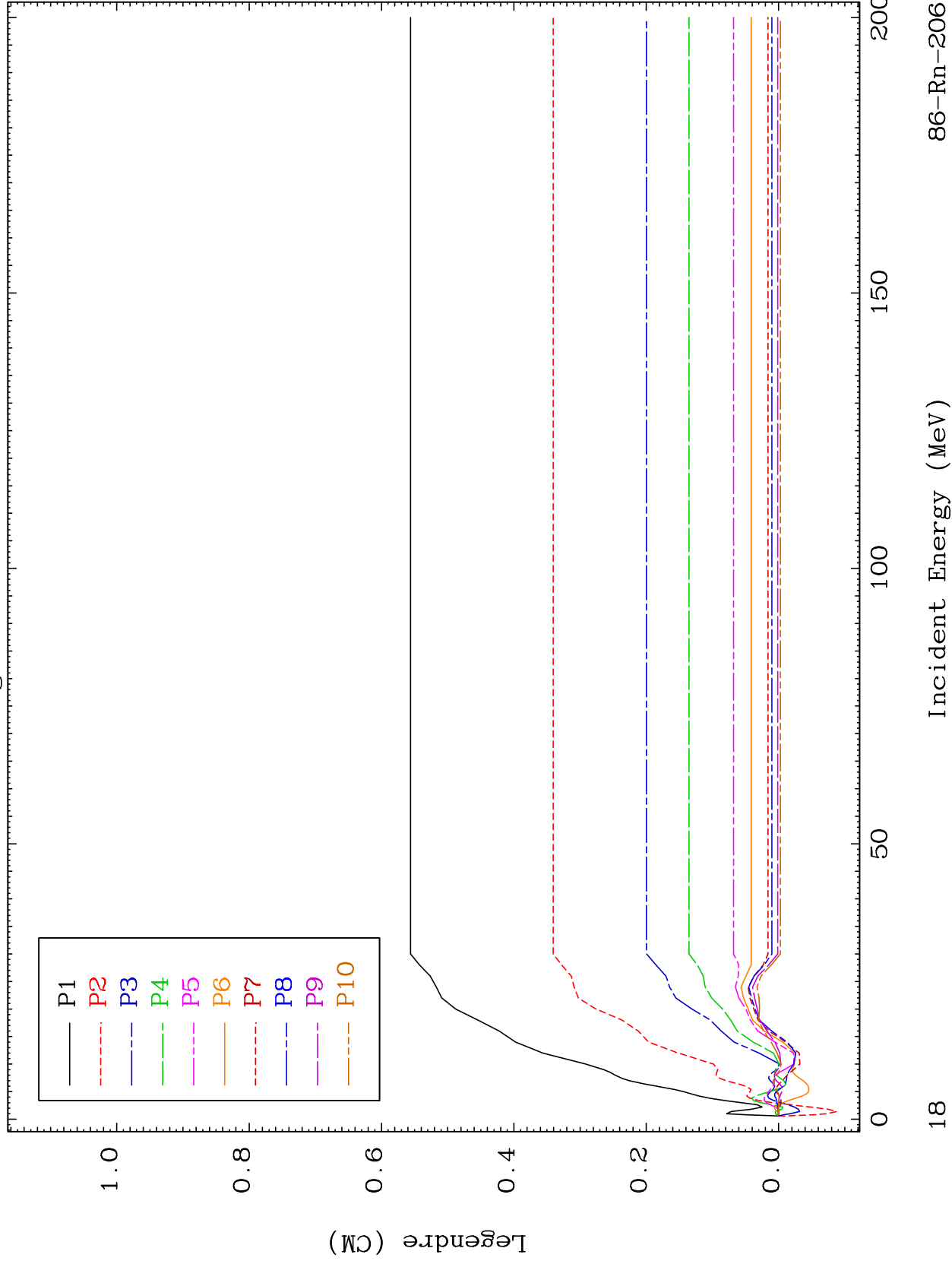
Incident Energy (MeV)

86-Rn-206

MAT 8610

575.3 keV (n, n') Level
Legendre Coefficients

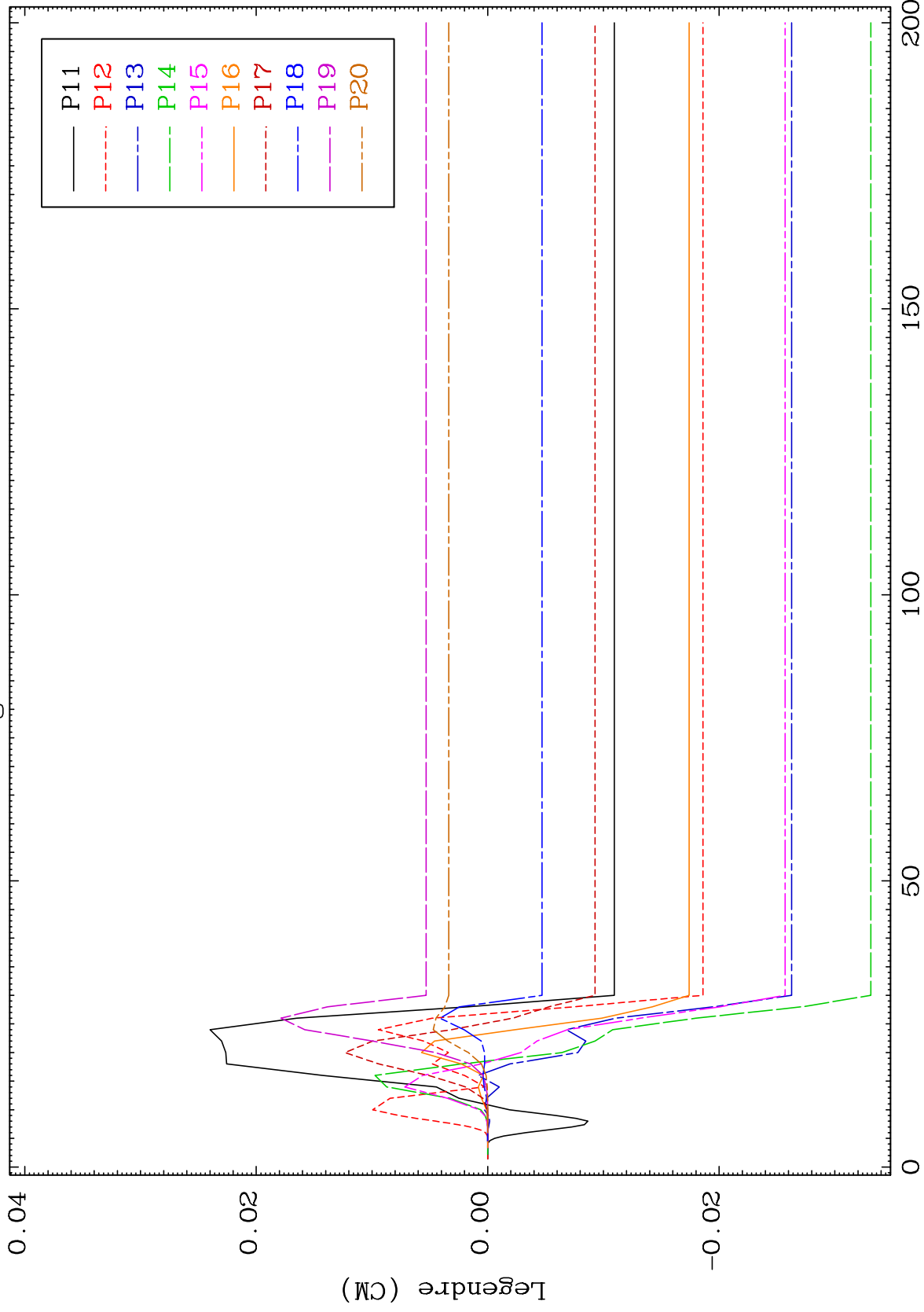
86-Rn-206



MAT 8610

575.3 keV (n,n') Level
Legendre Coefficients

86-Rn-206



19

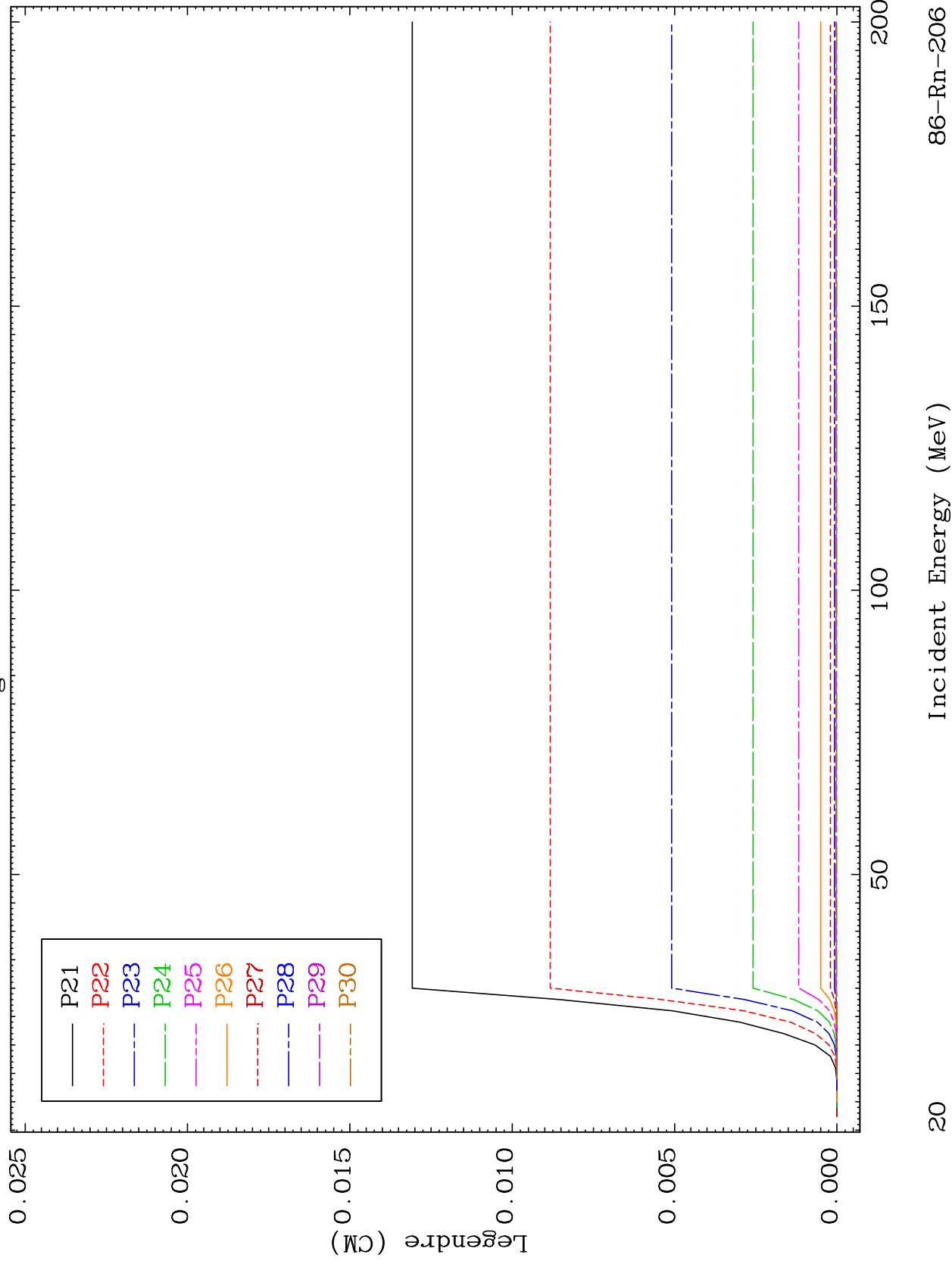
Incident Energy (MeV)

86-Rn-206

MAT 8610

575.3 keV (n, n') Level
Legendre Coefficients

86-Rn-206



20

Incident Energy (MeV)

50

100

150

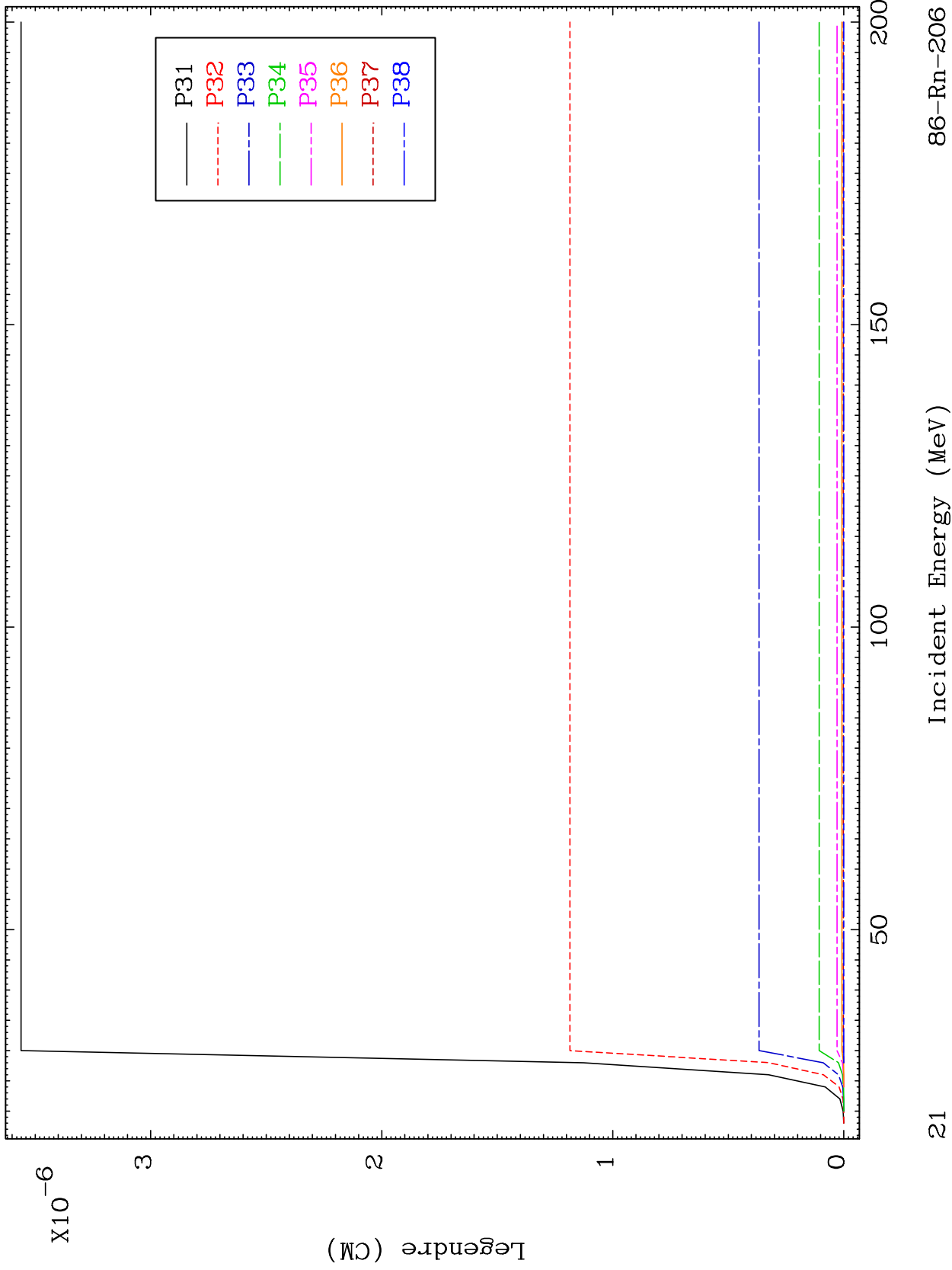
200

86-Rn-206

MAT 8610

575.3 keV (n,n') Level
Legendre Coefficients

86-Rn-206



21

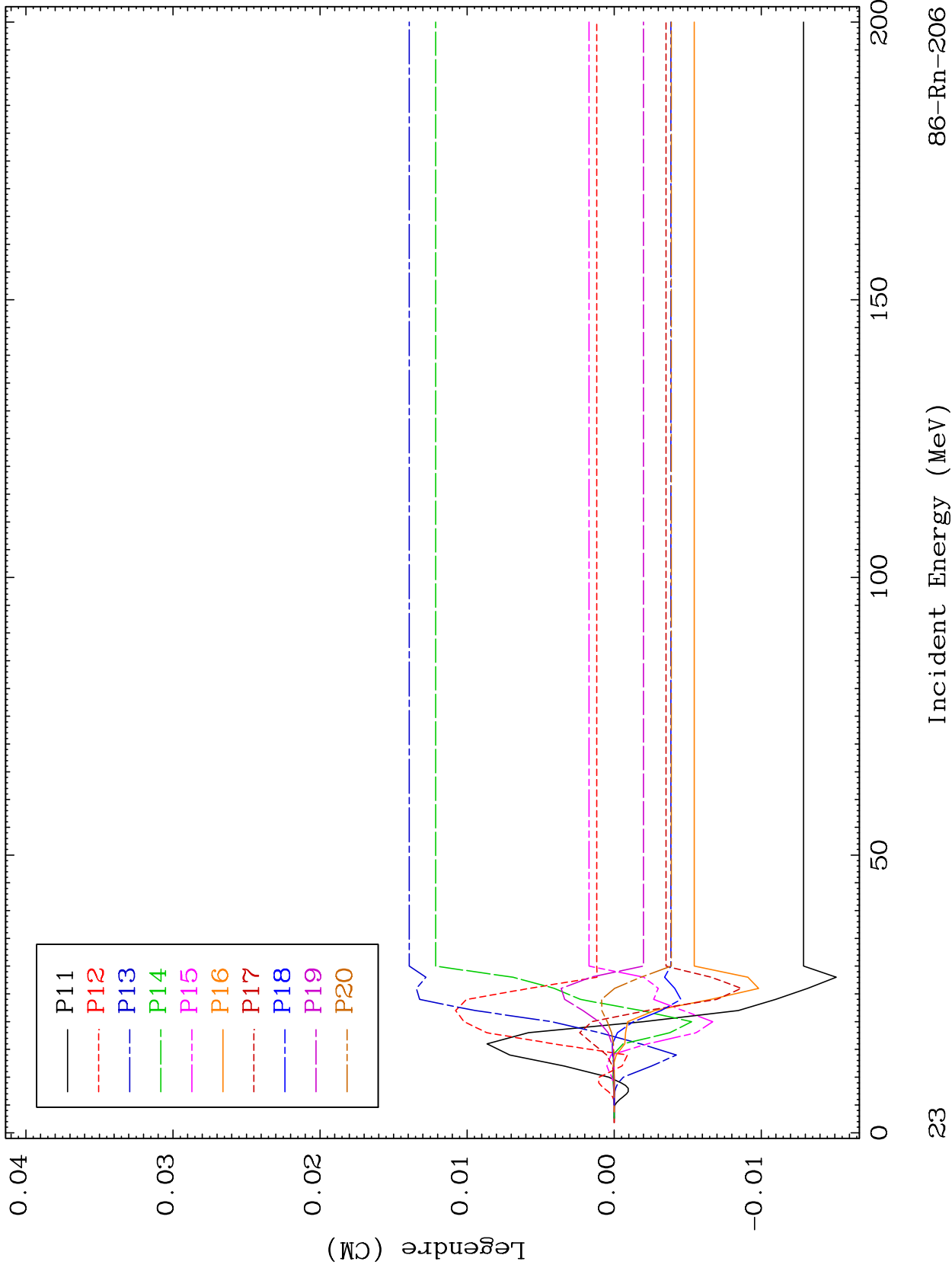
Incident Energy (MeV)

86-Rn-206

MAT 8610

1.134 MeV (n,n') Level
Legendre Coefficients

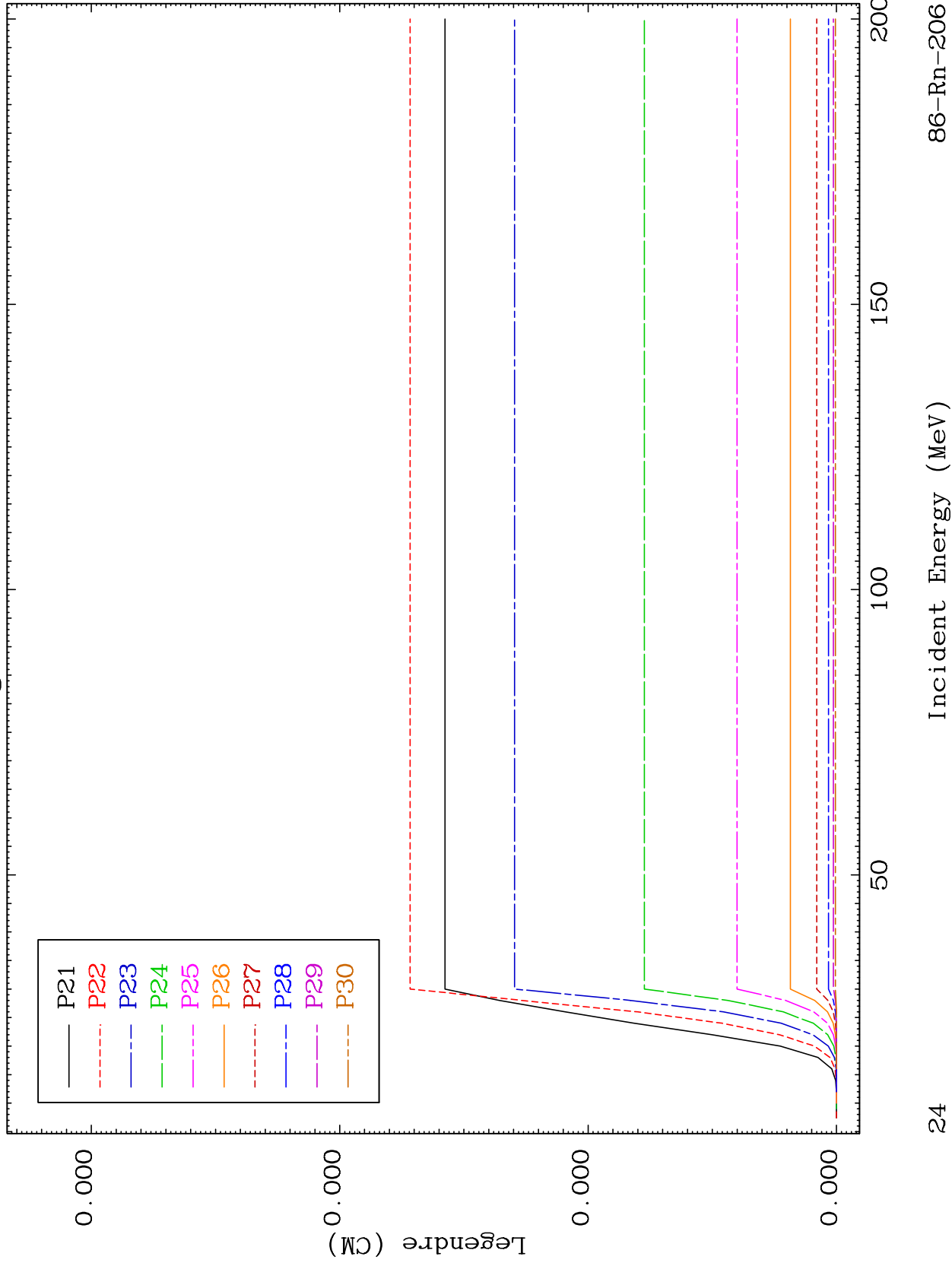
86-Rn-206



MAT 8610

1.134 MeV (n,n') Level
Legendre Coefficients

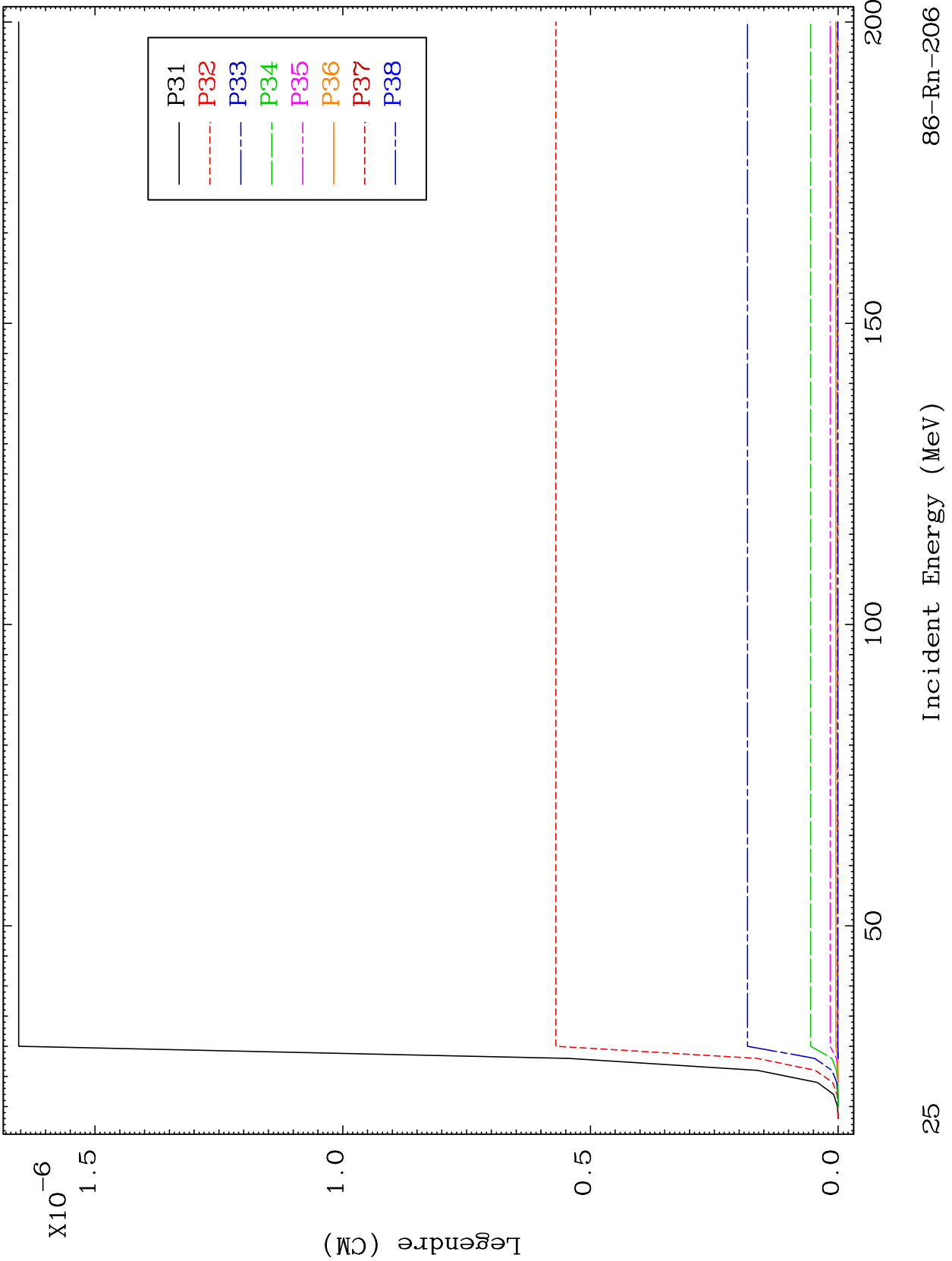
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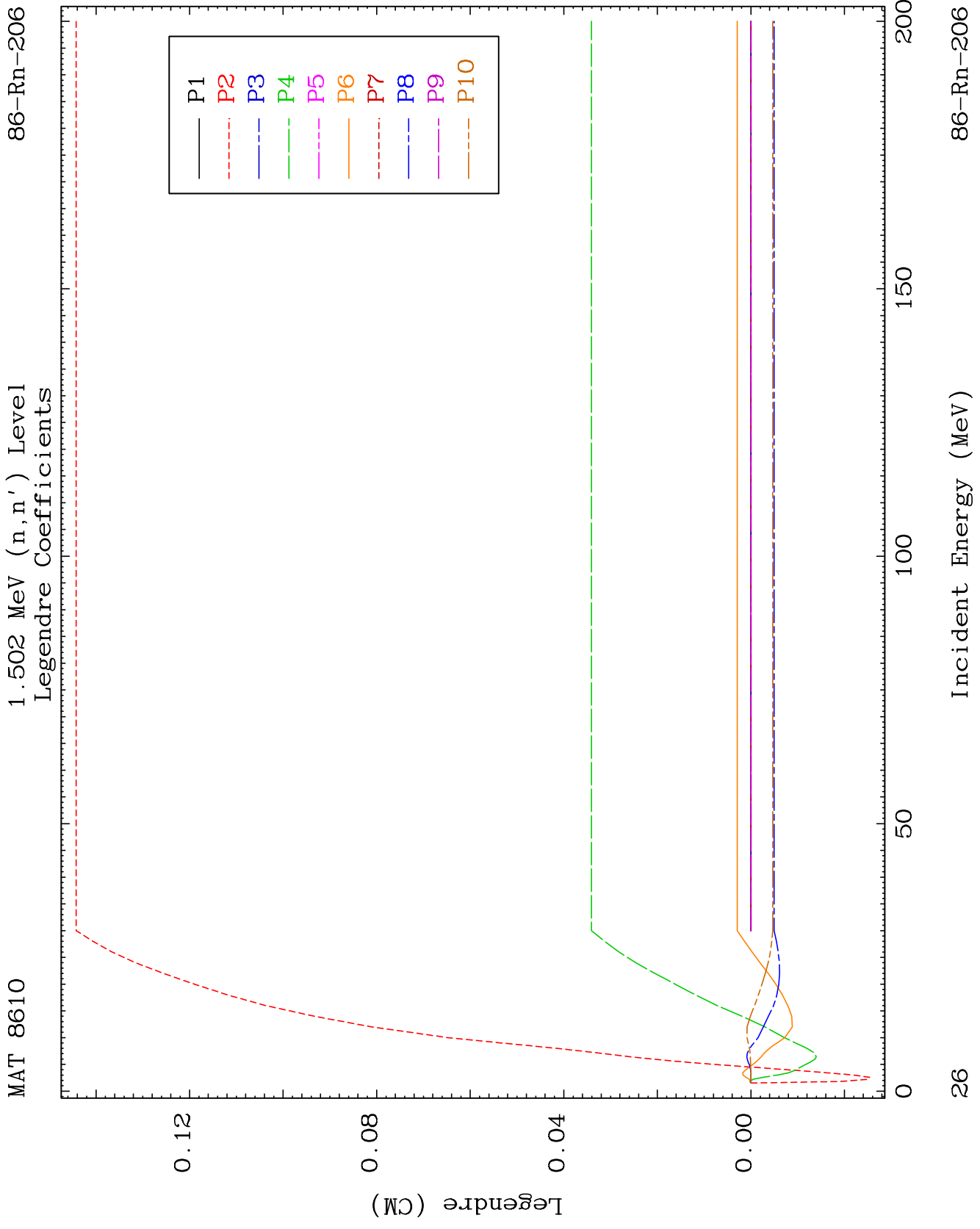


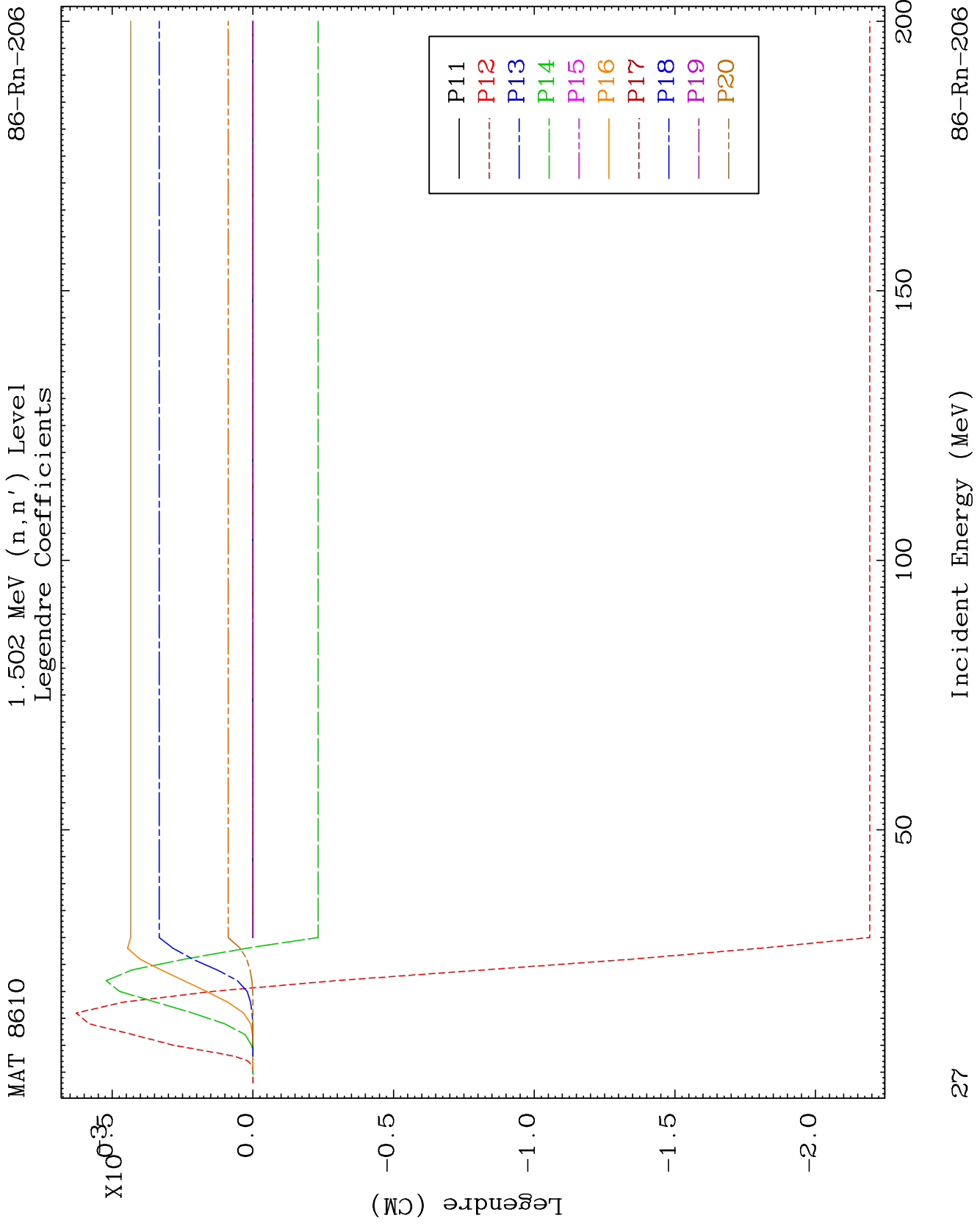
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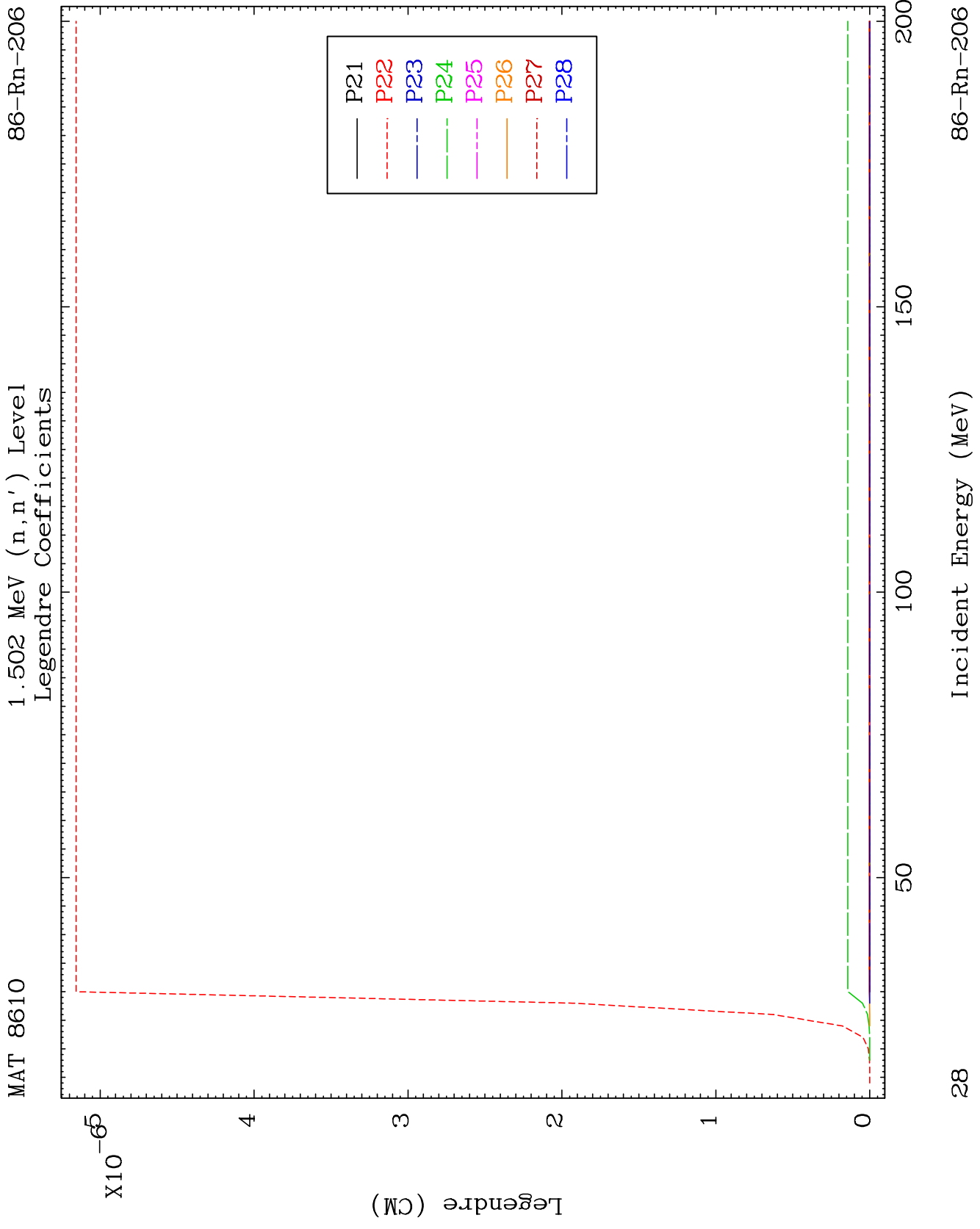
Incident Energy (MeV)

86-Rn-206





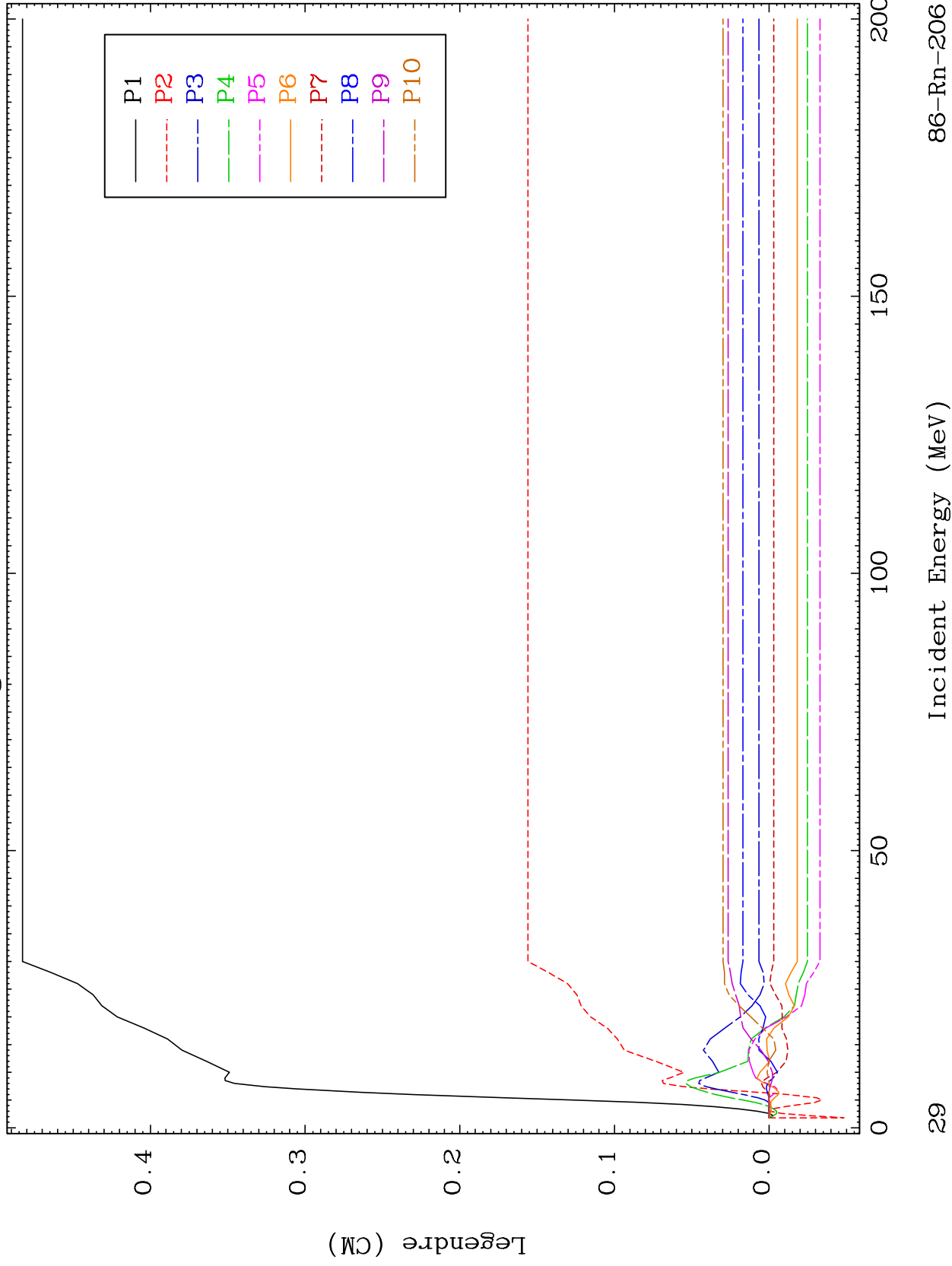




MAT 8610

1.763 MeV (n,n') Level
Legendre Coefficients

86-Rn-206



29

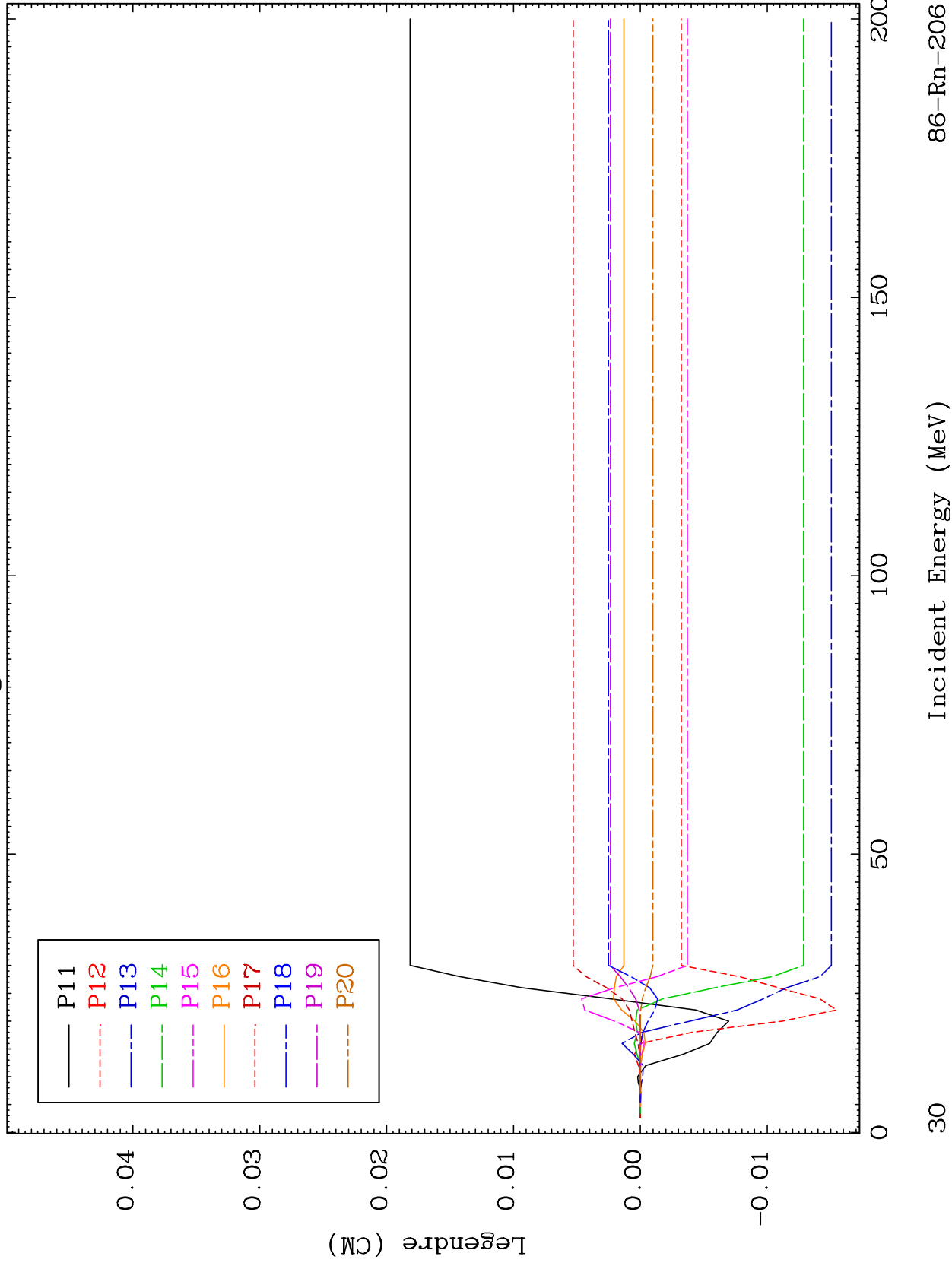
Incident Energy (MeV)

86-Rn-206

MAT 8610

1.763 MeV (n,n') Level
Legendre Coefficients

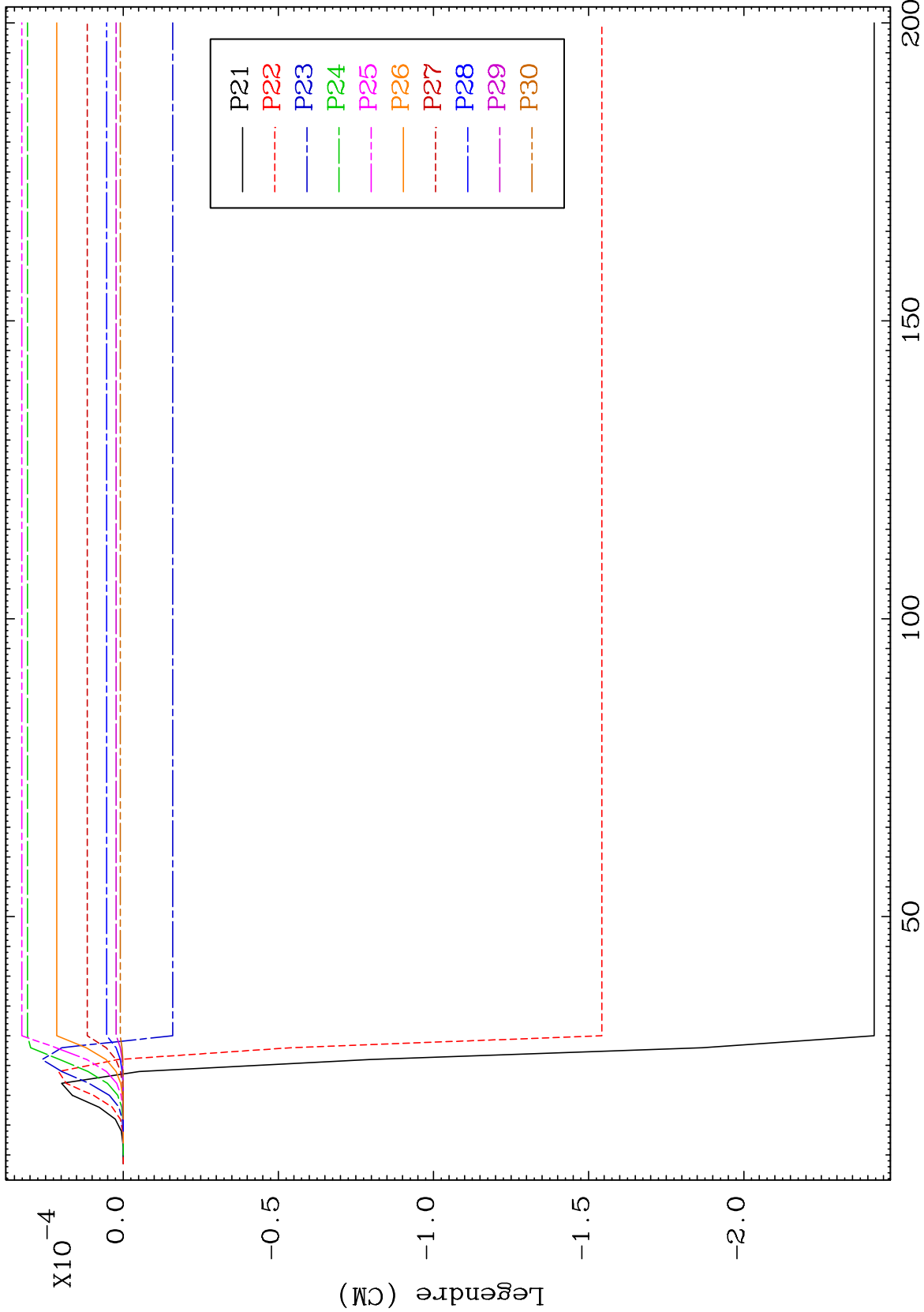
86-Rn-206



86-Rn-206

Incident Energy (MeV)

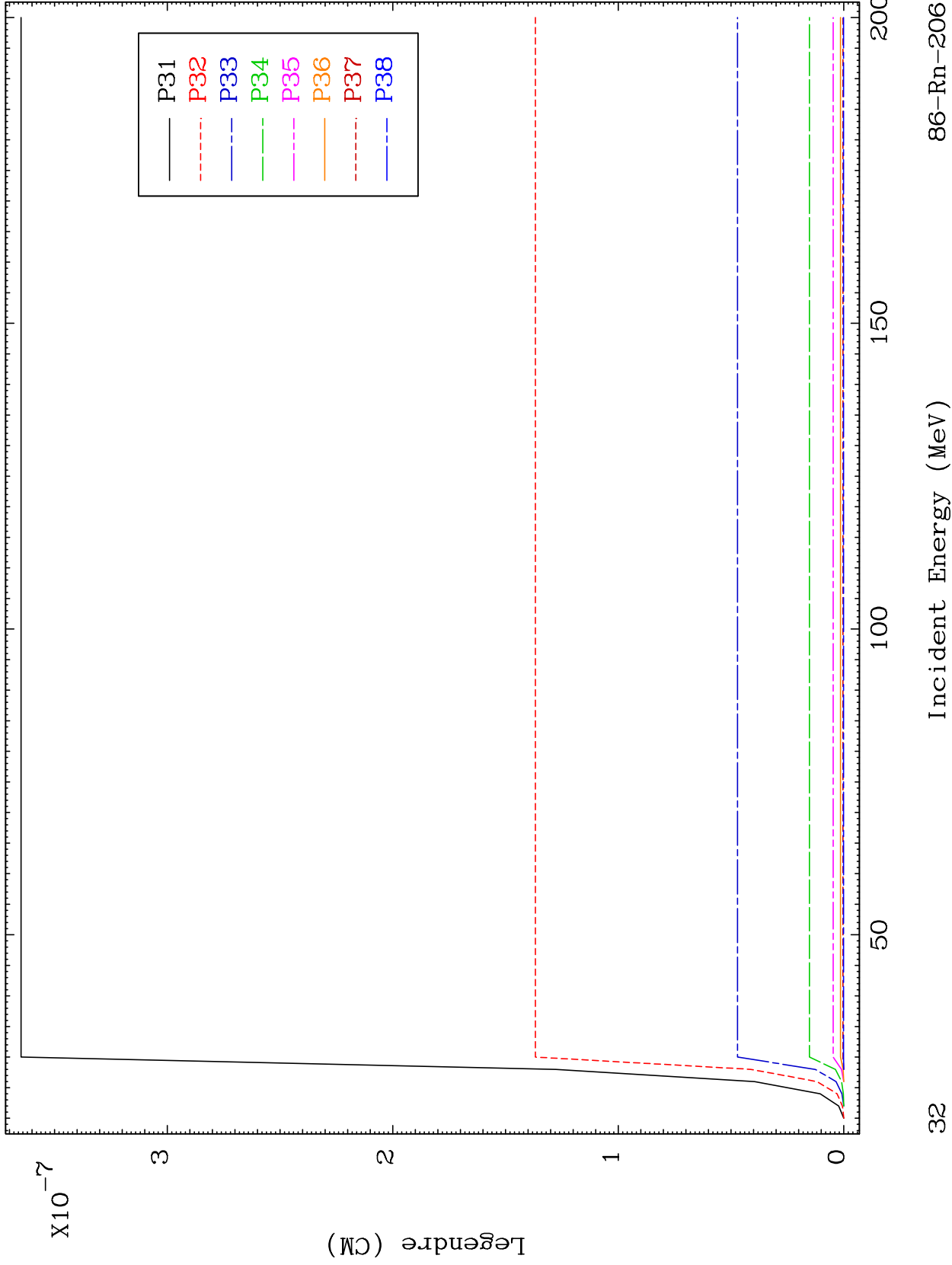
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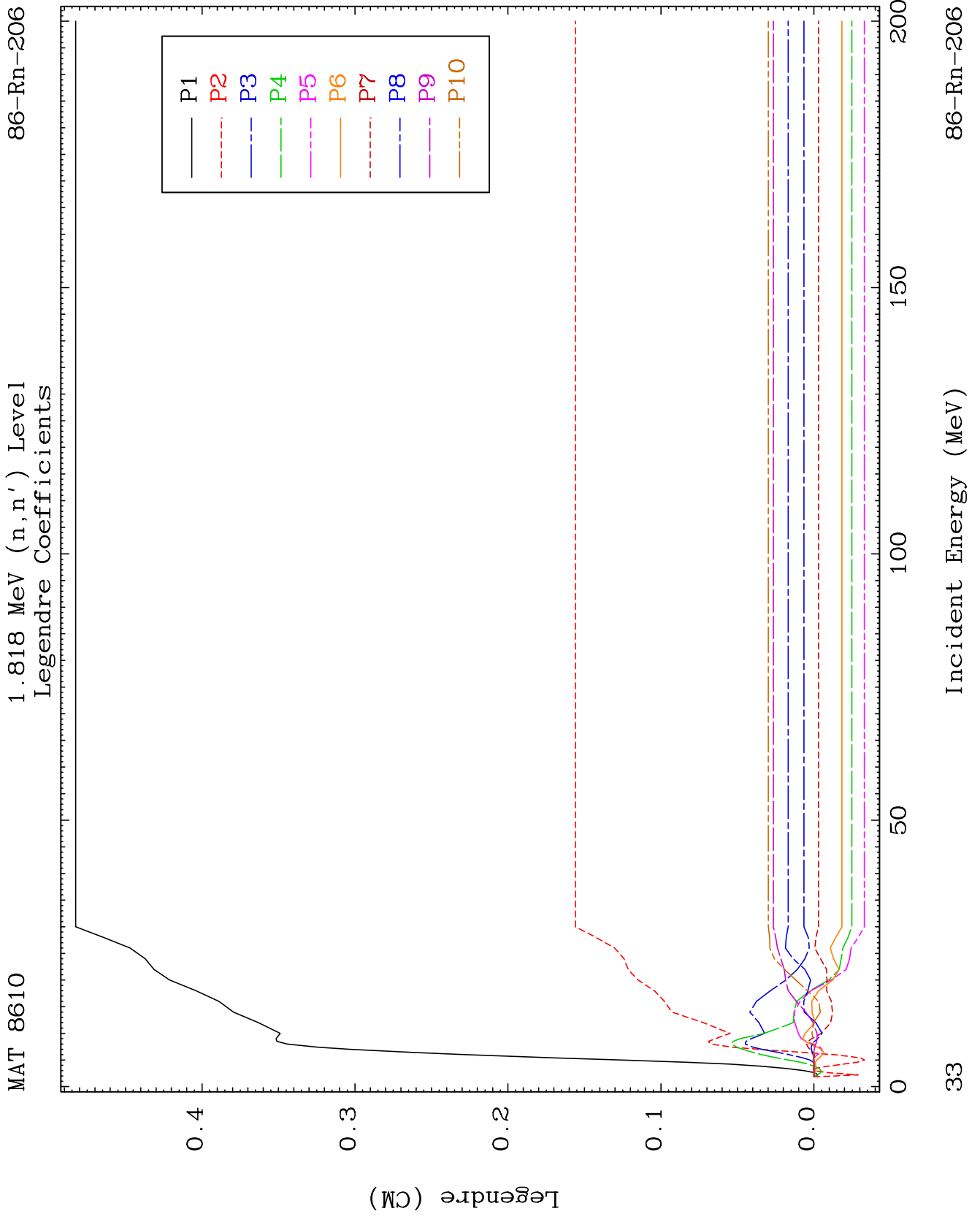
MAT 8610

1.763 MeV (n,n') Level
Legendre Coefficients

86-Rn-206



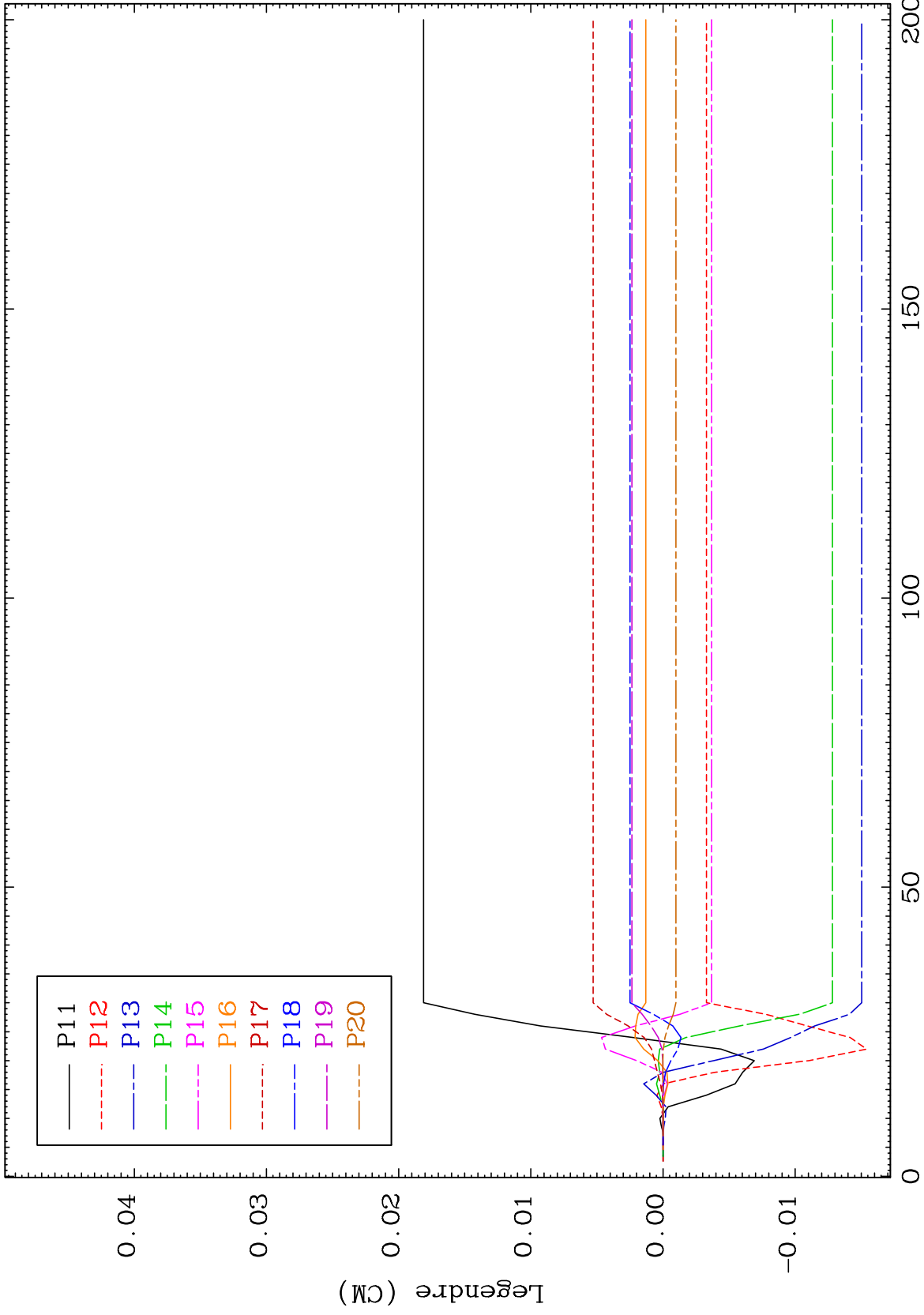
32



MAT 8610

1.818 MeV (n,n') Level
Legendre Coefficients

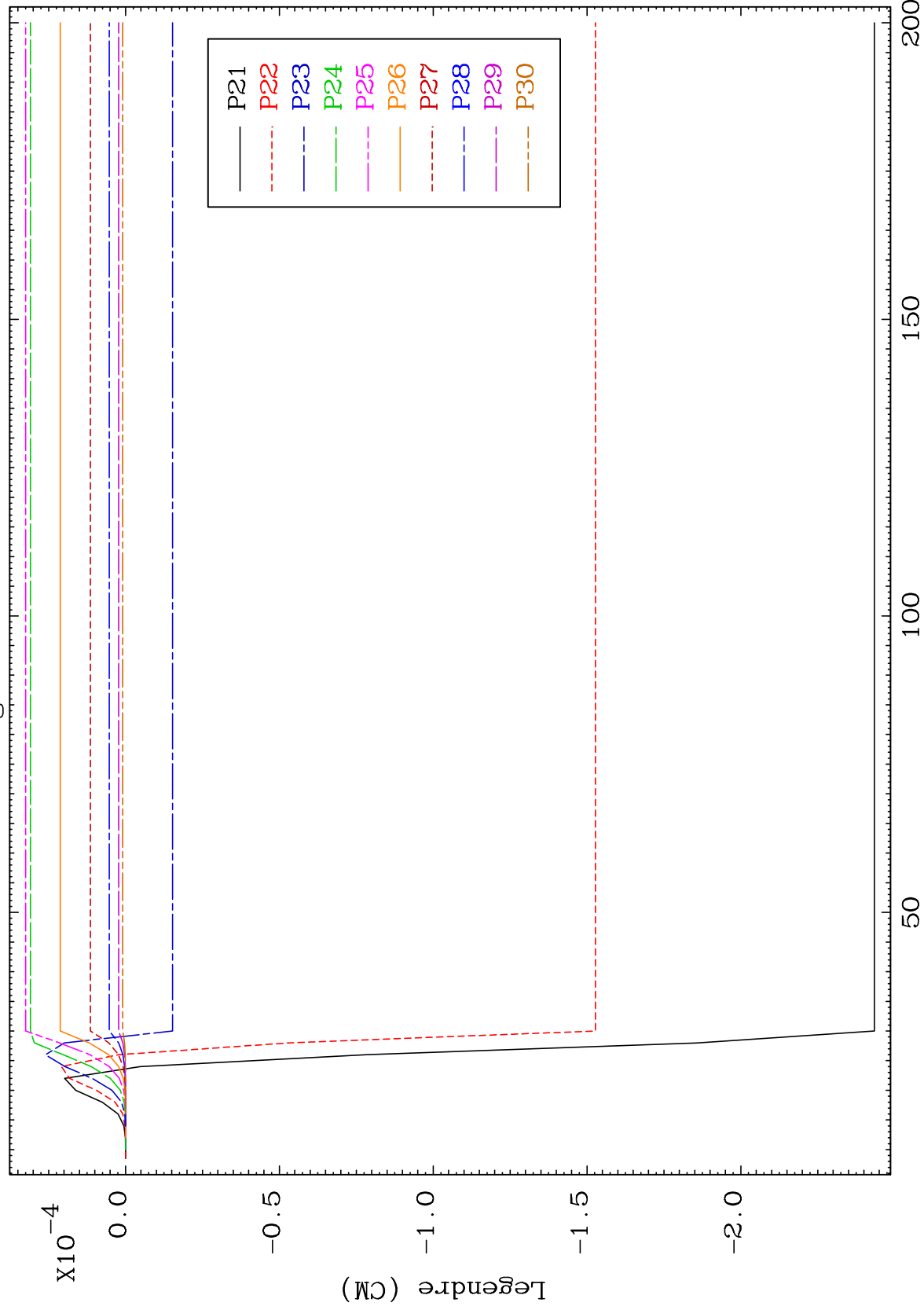
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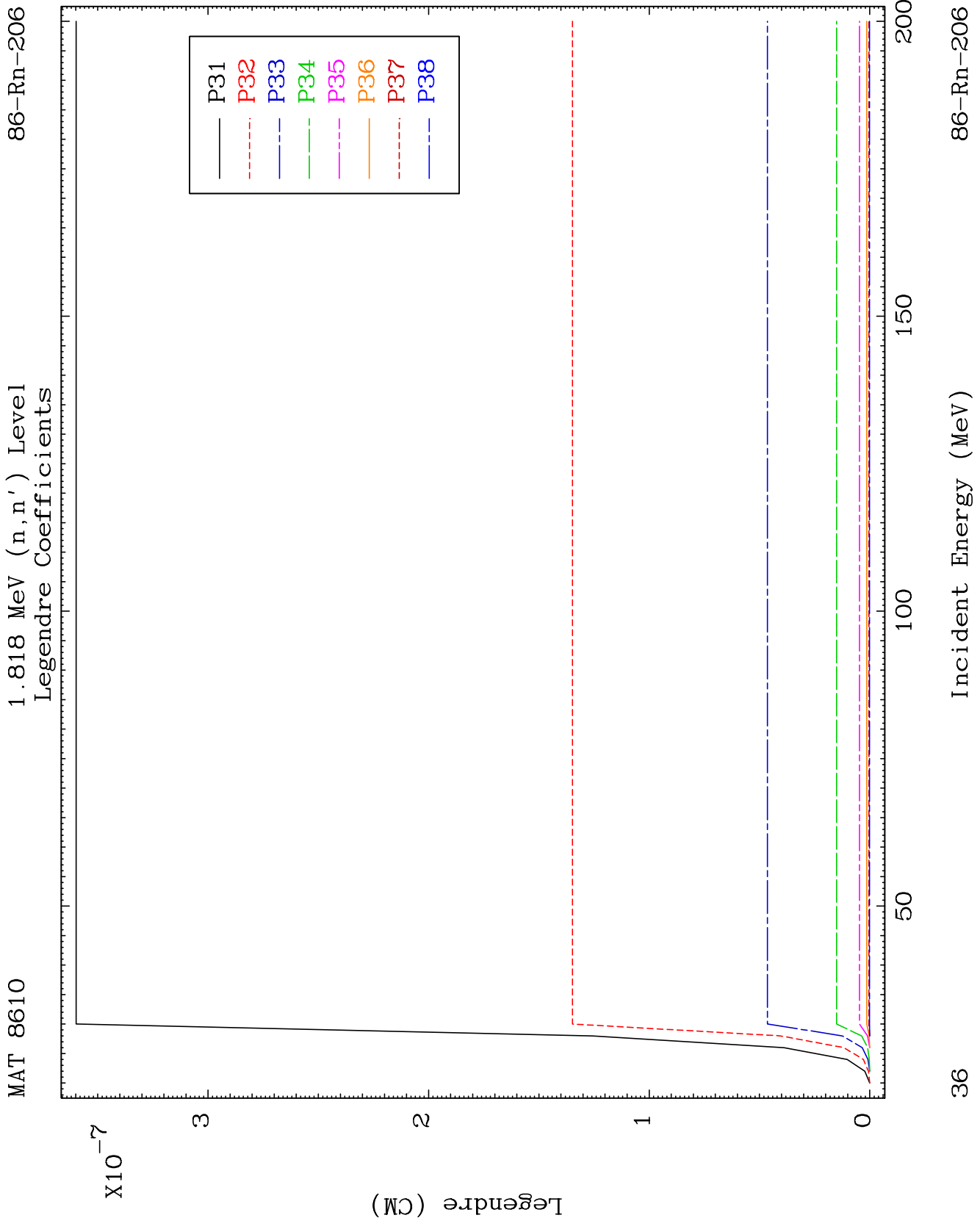


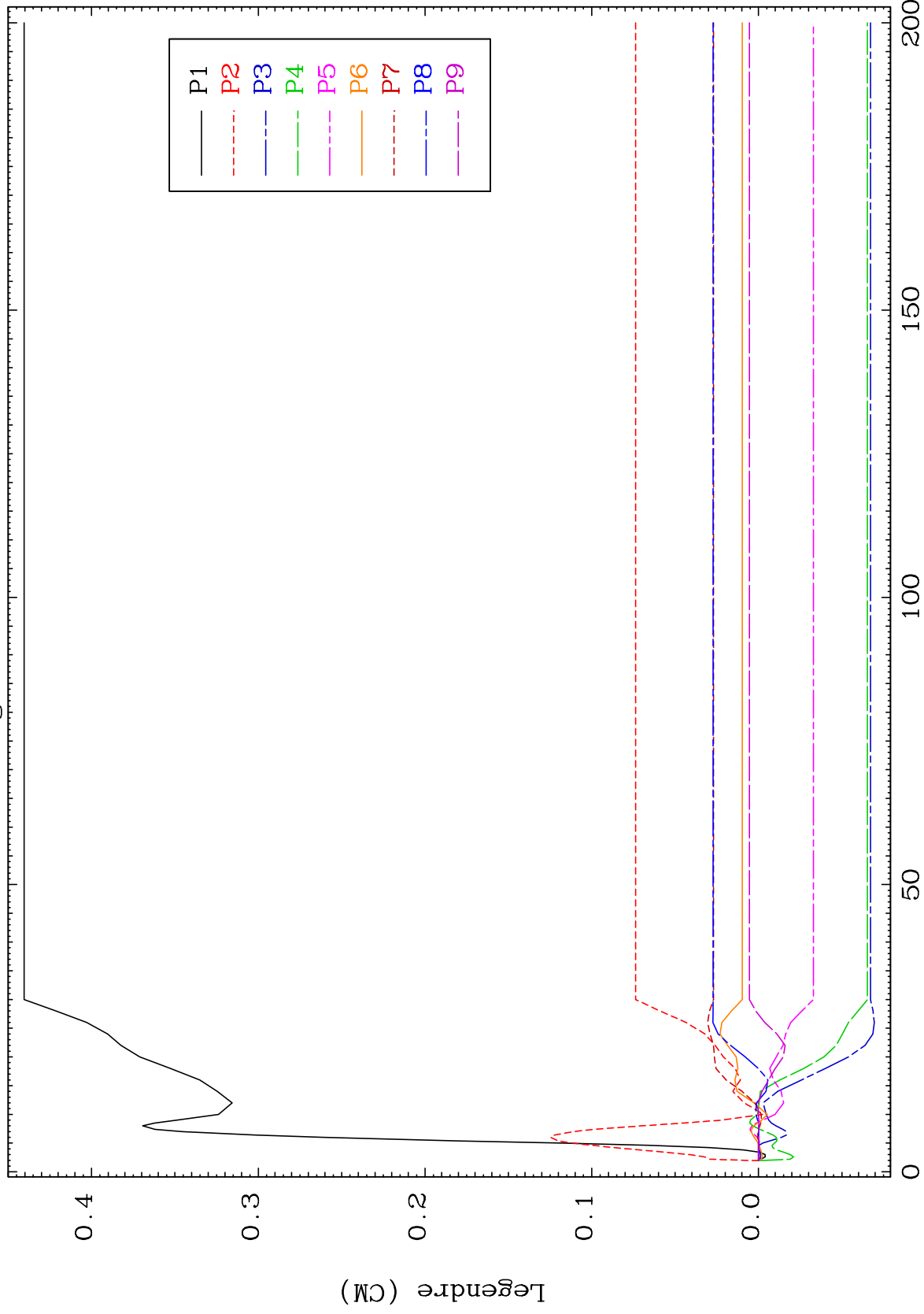
34

Incident Energy (MeV)

86-Rn-206



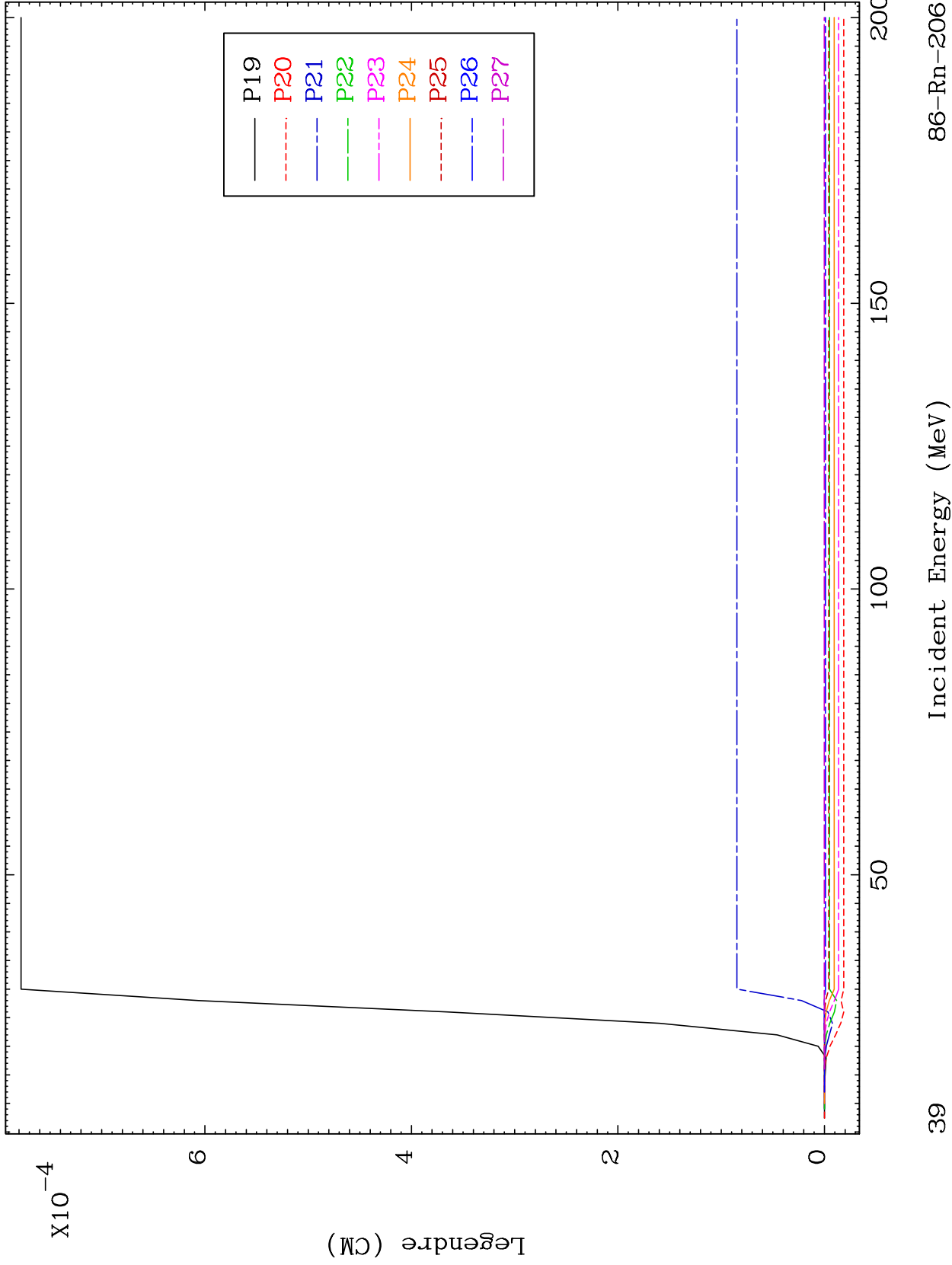


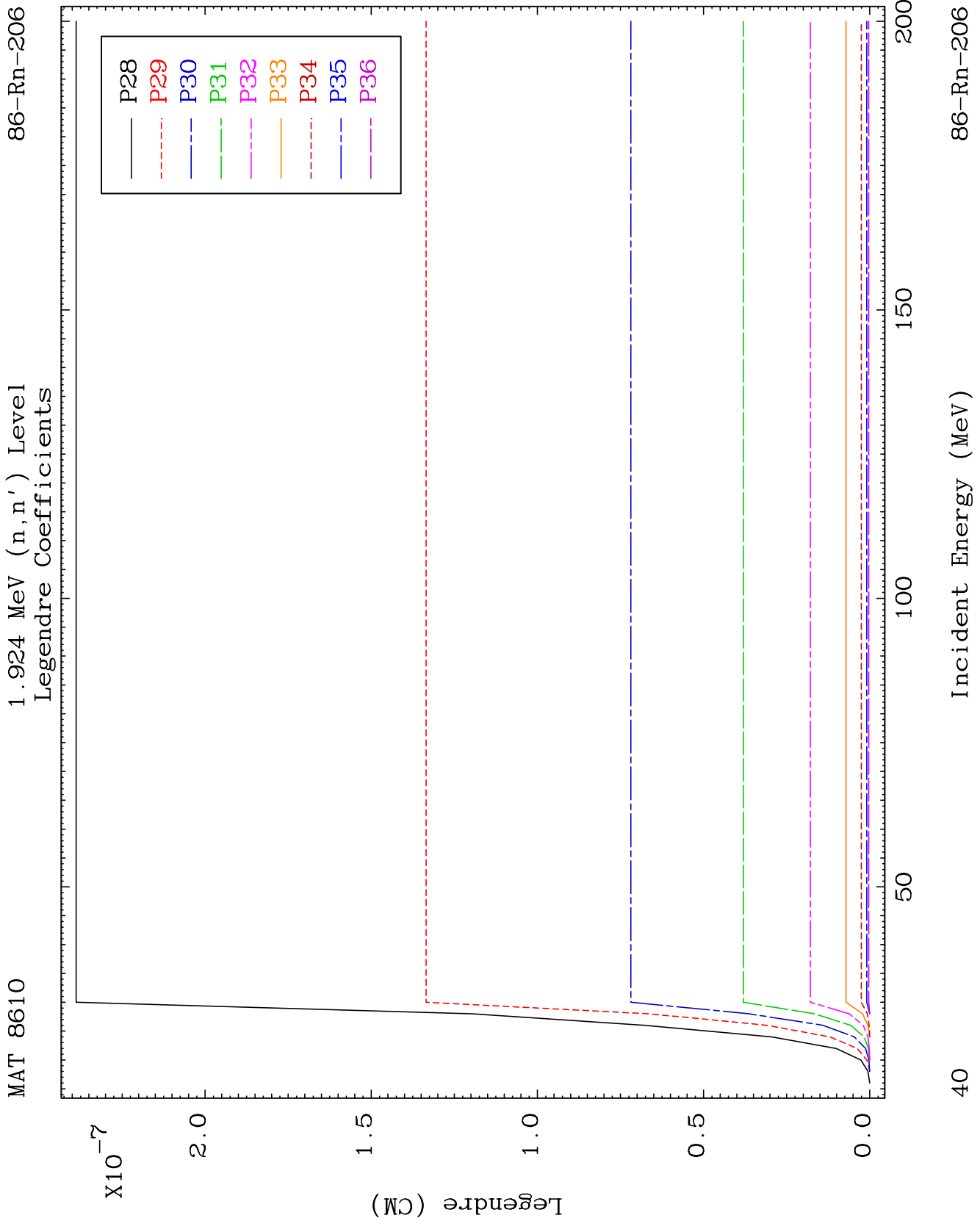


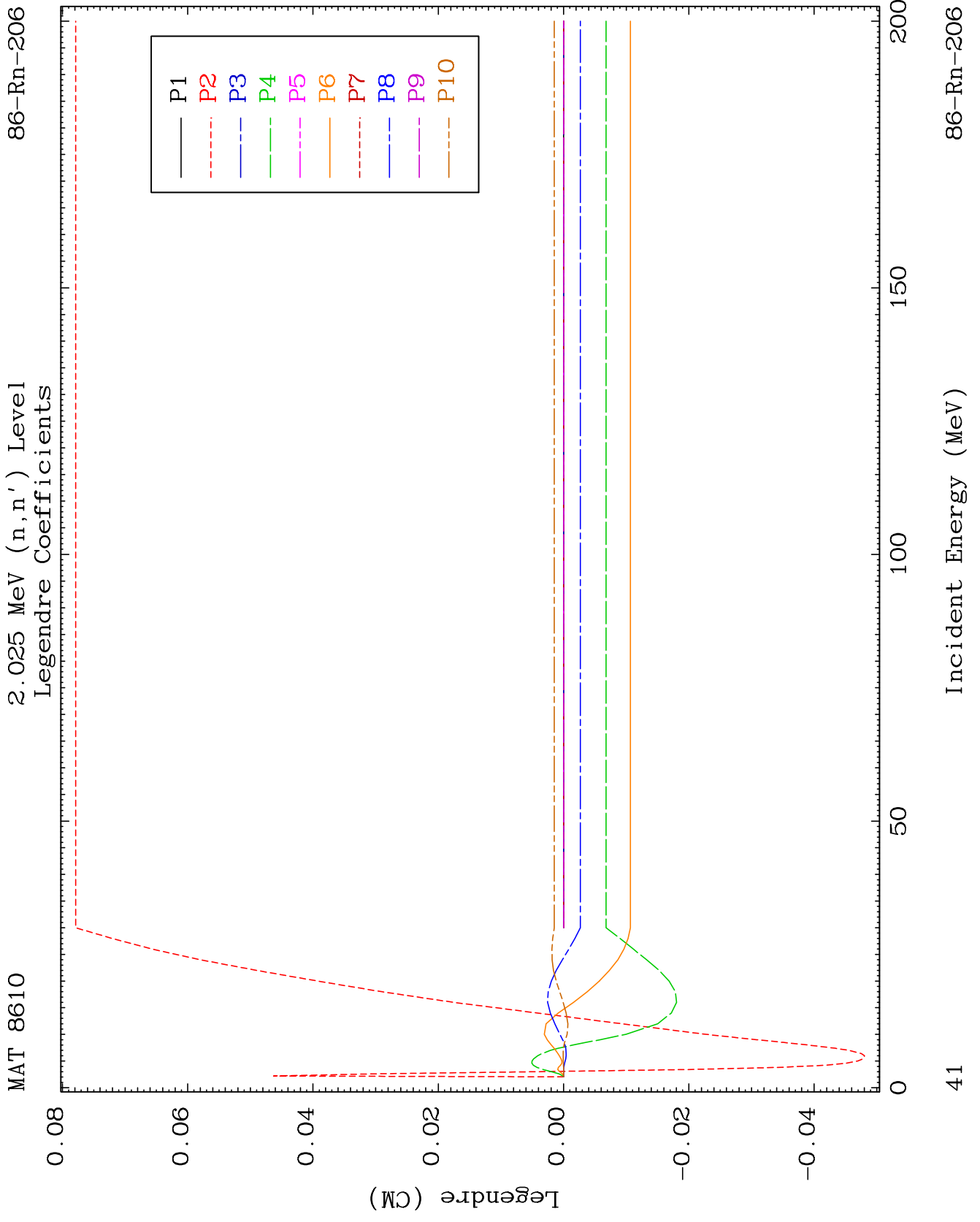
MAT 8610

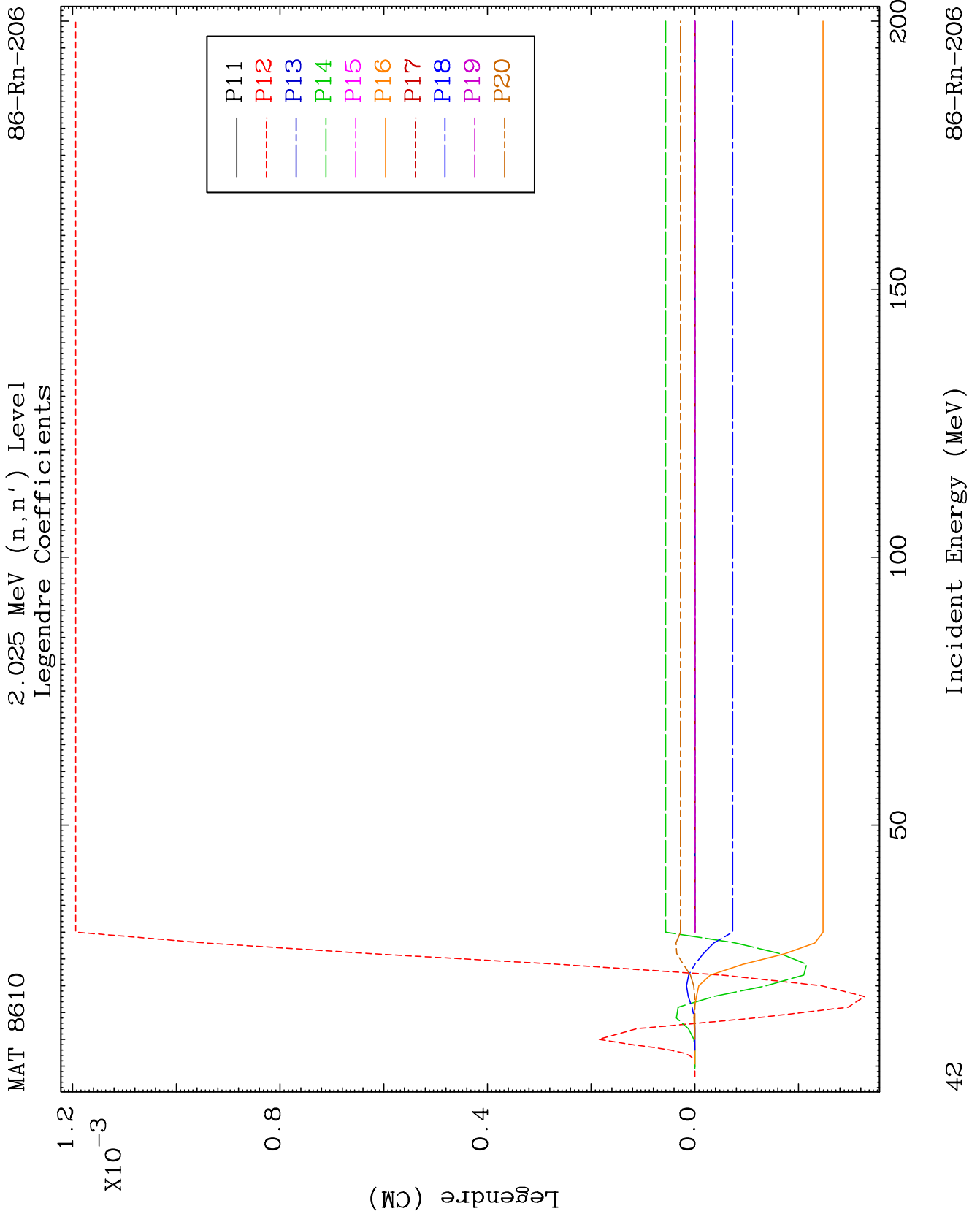
1.924 MeV (n,n') Level
Legendre Coefficients

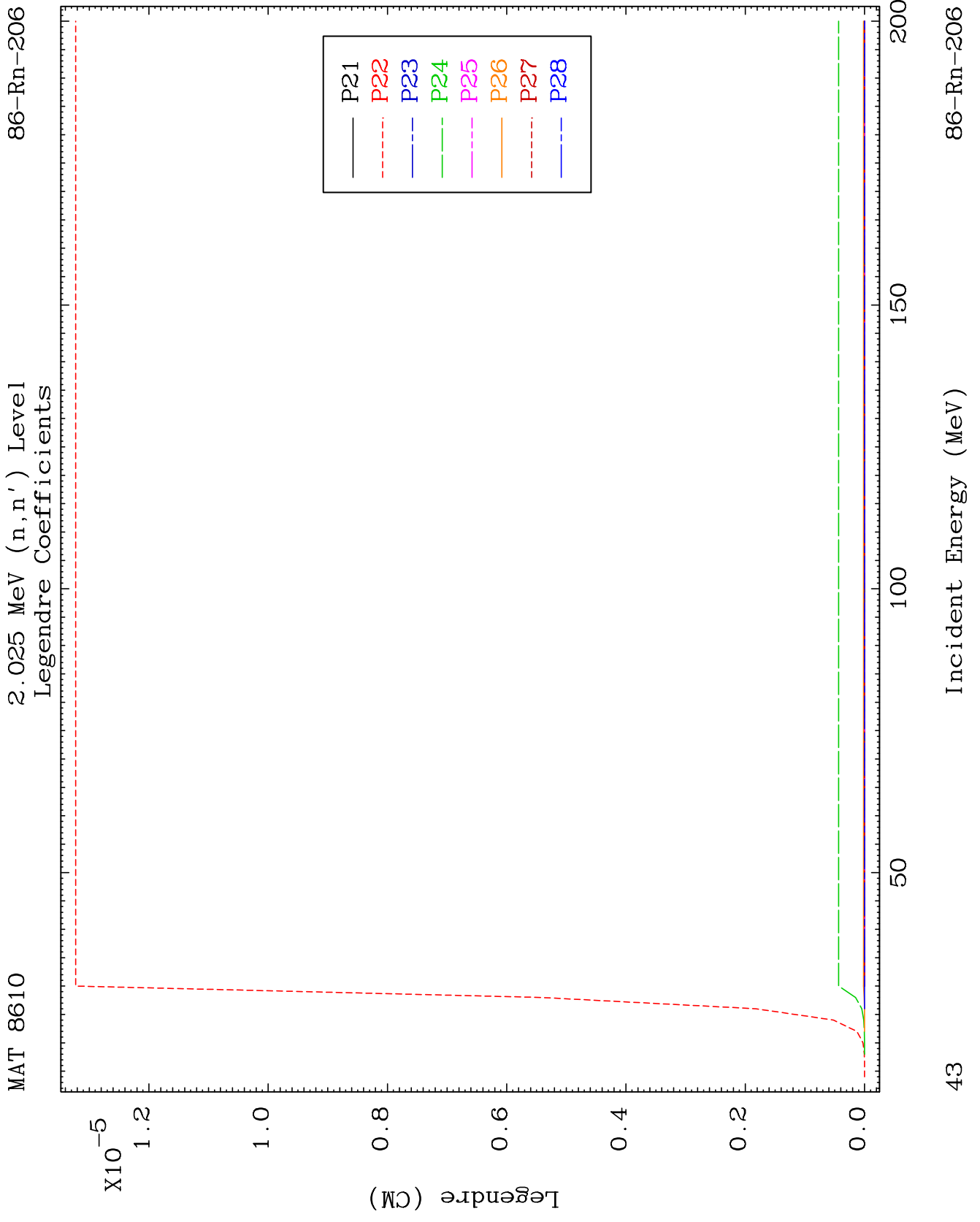
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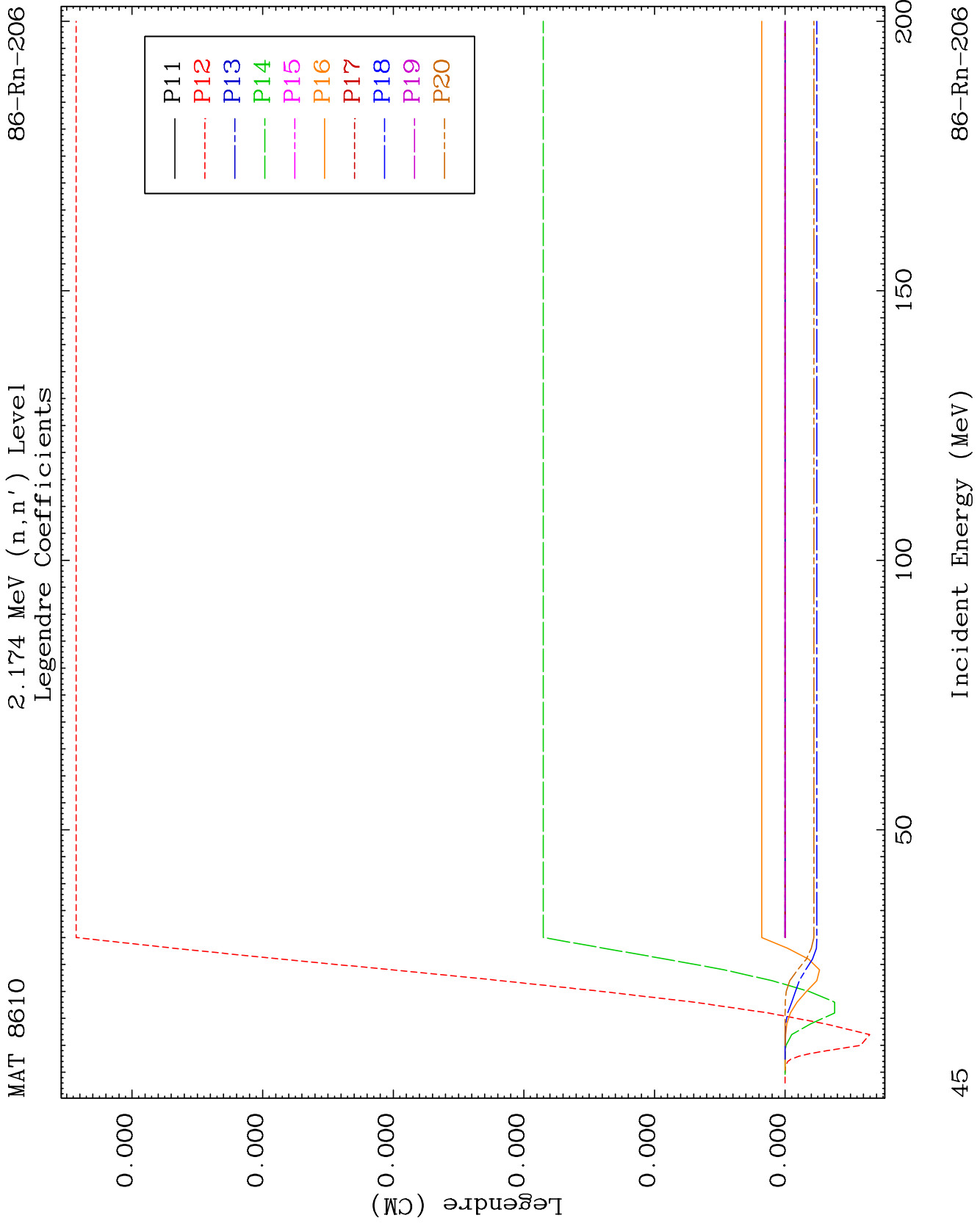


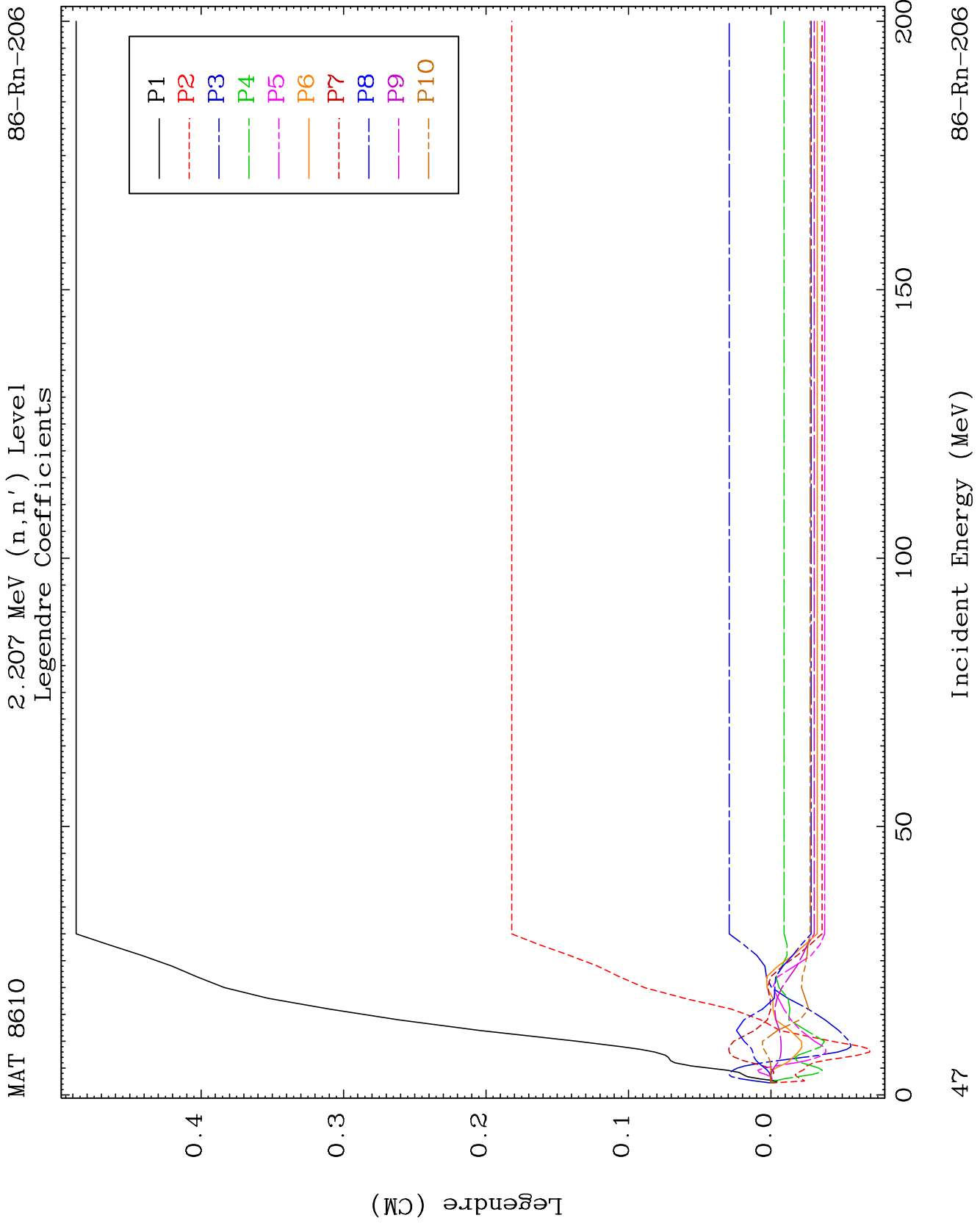








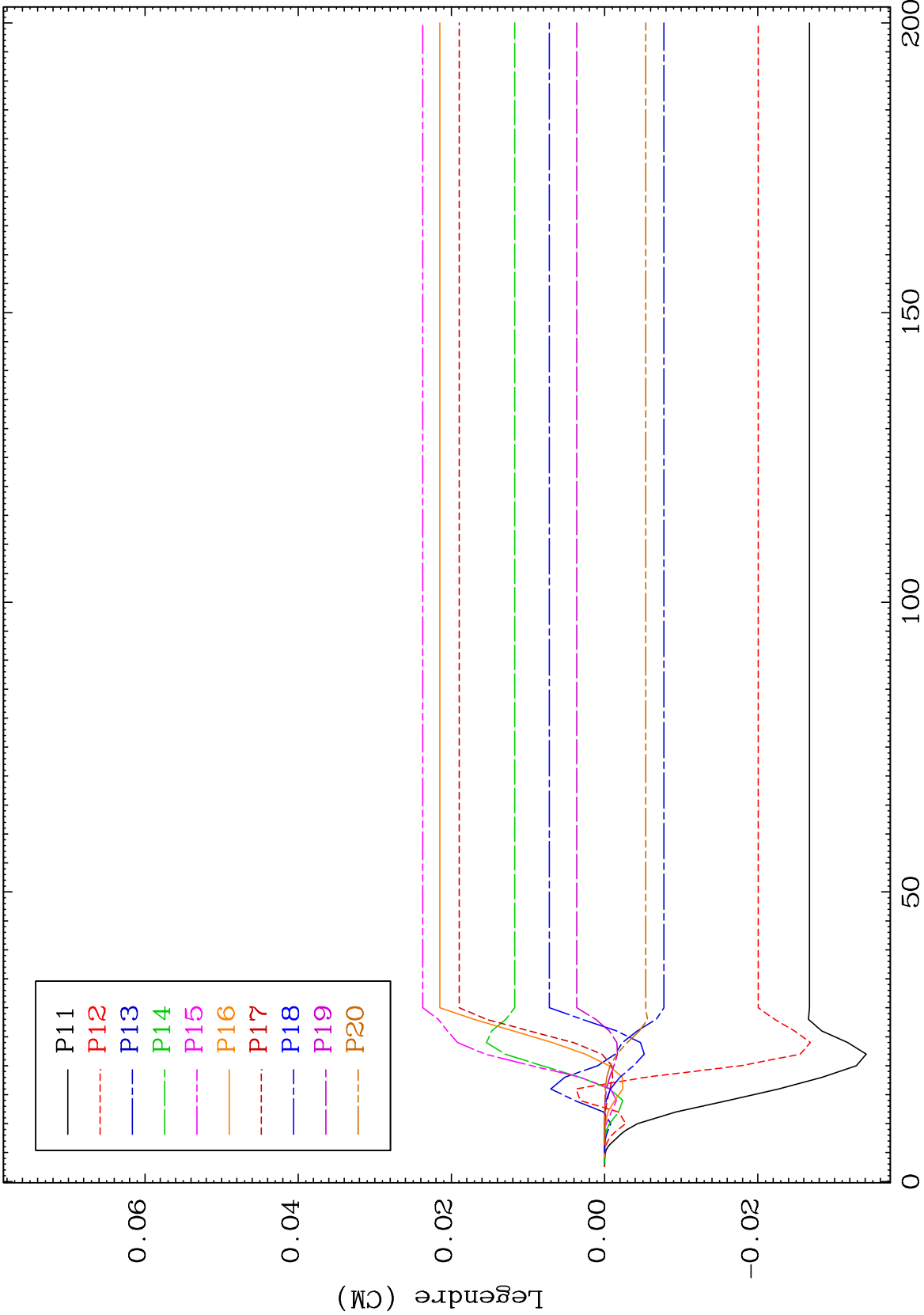




MAT 8610

2.207 MeV (n,n') Level
Legendre Coefficients

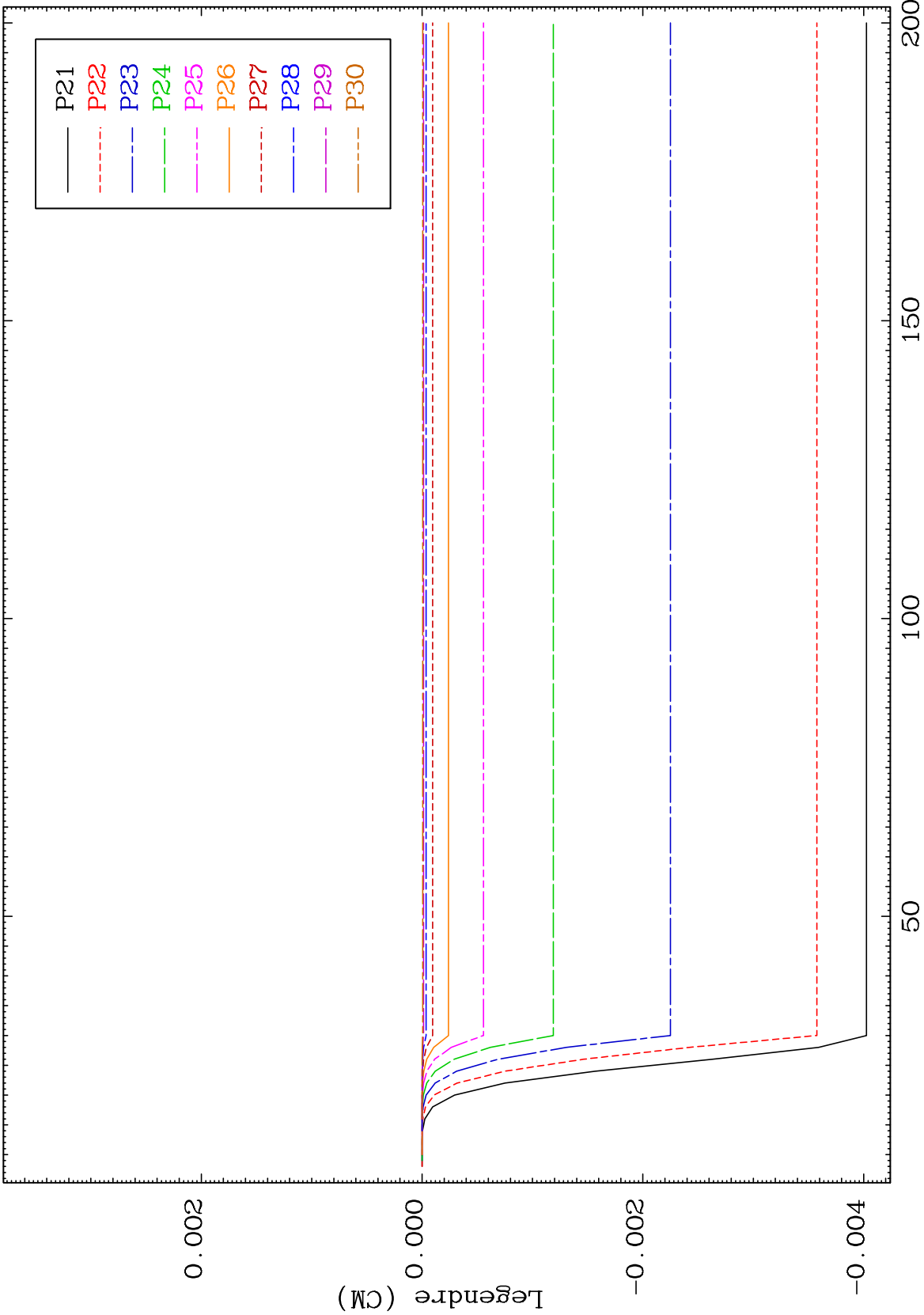
86-Rn-206



48

Incident Energy (MeV)

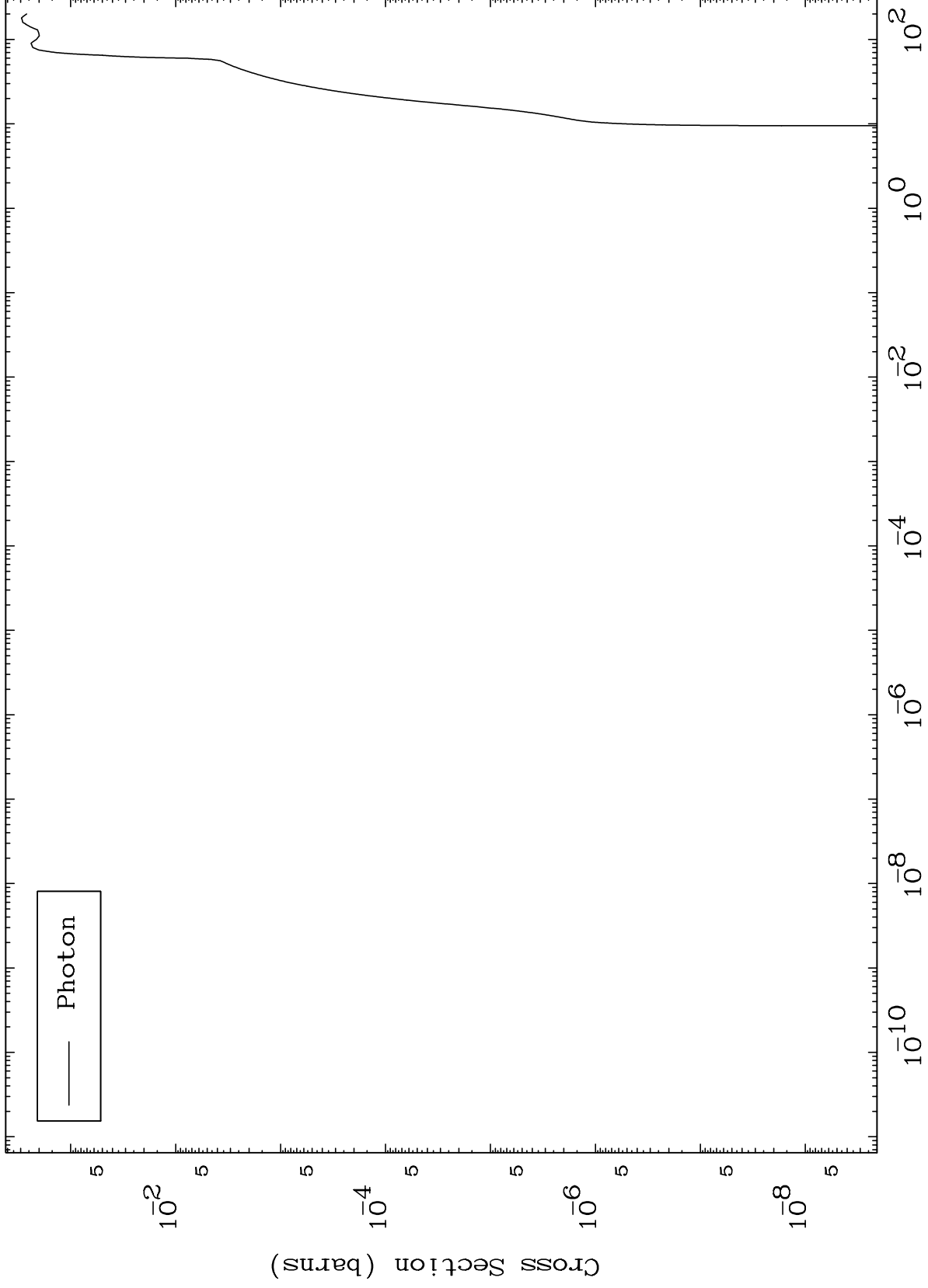
86-Rn-206



MAT 8610

Fission
Radionuclide Production Cross Section

86-Rn-206



86-Rn-206

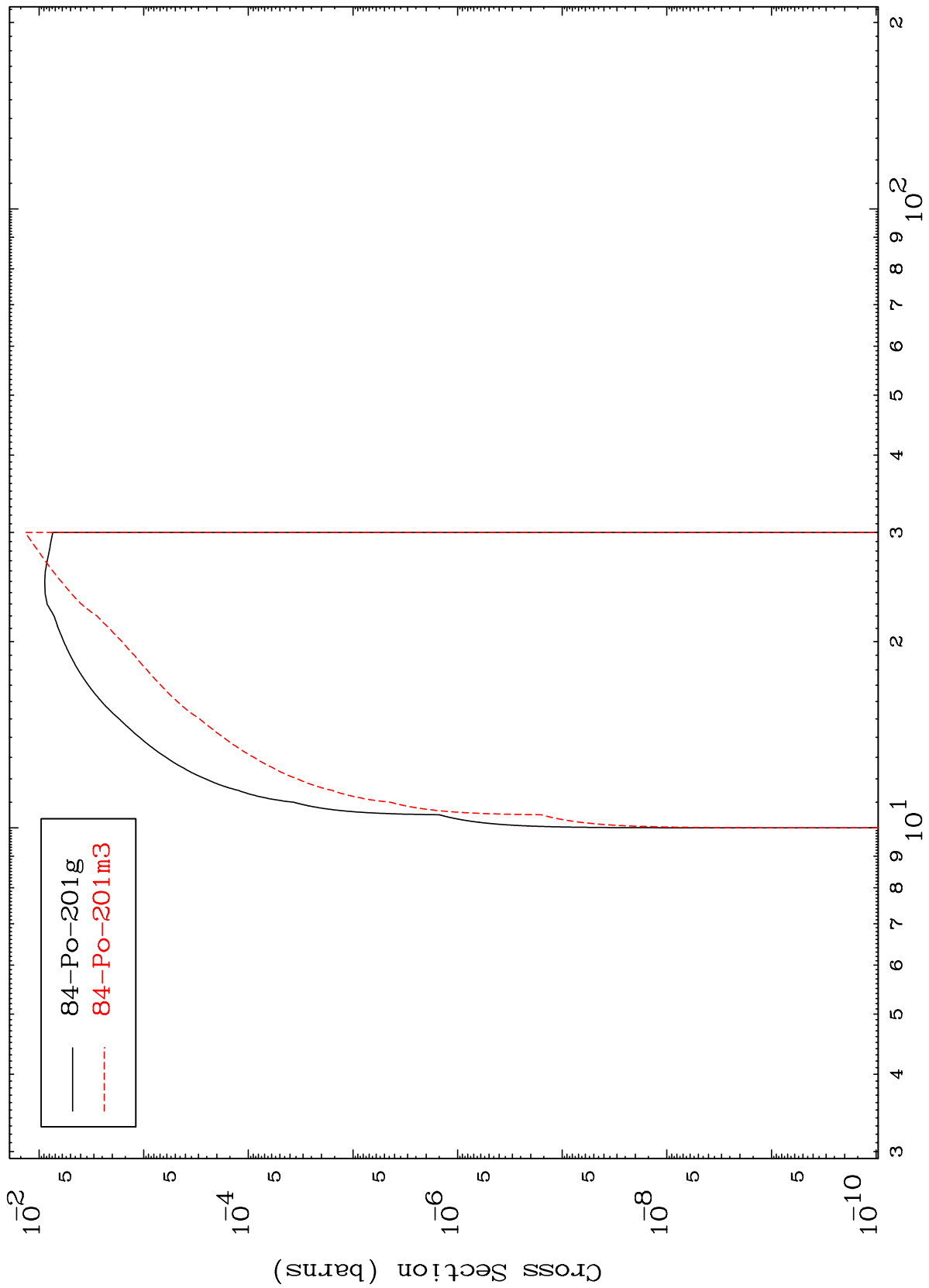
Incident Energy (MeV)

MAT 8610

$(n,2n) \alpha$

86-Rn-206

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

Incident Energy (MeV)

86-Rn-206

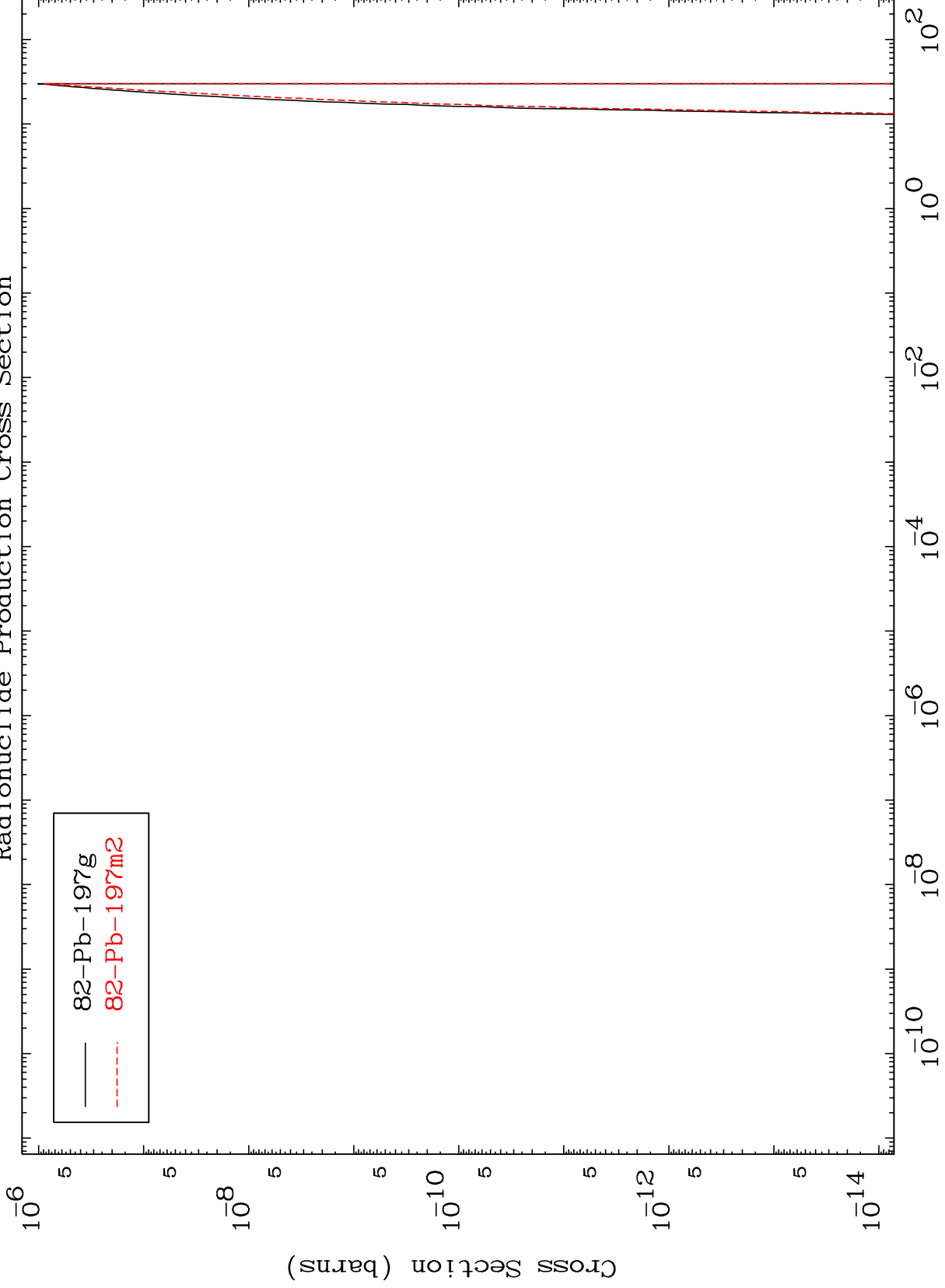
52

MAT 8610

(n,2n) 2α

86-Rn-206

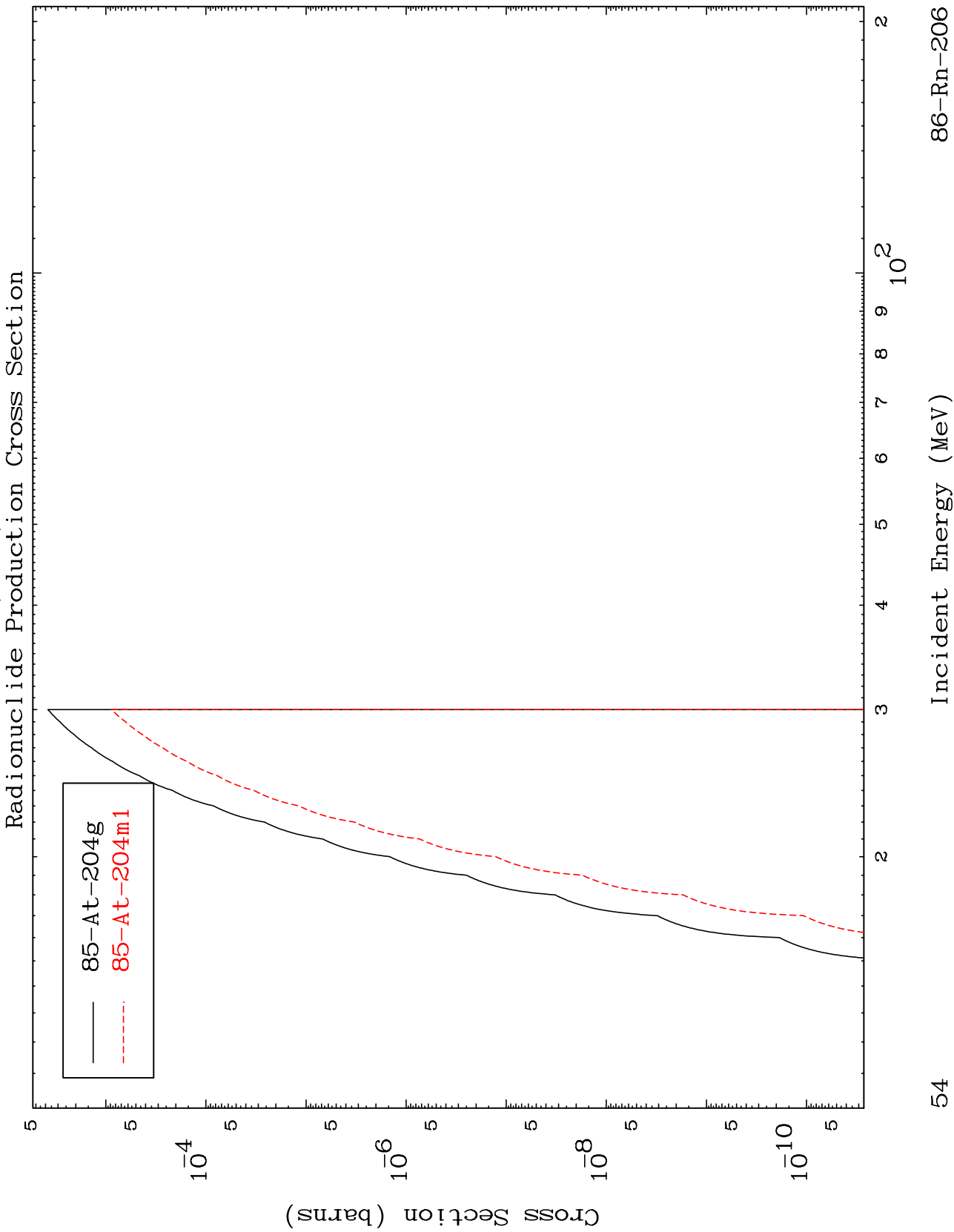
Radionuclide Production Cross Section



82-Pb-197g
82-Pb-197m2

Incident Energy (MeV)

86-Rn-206

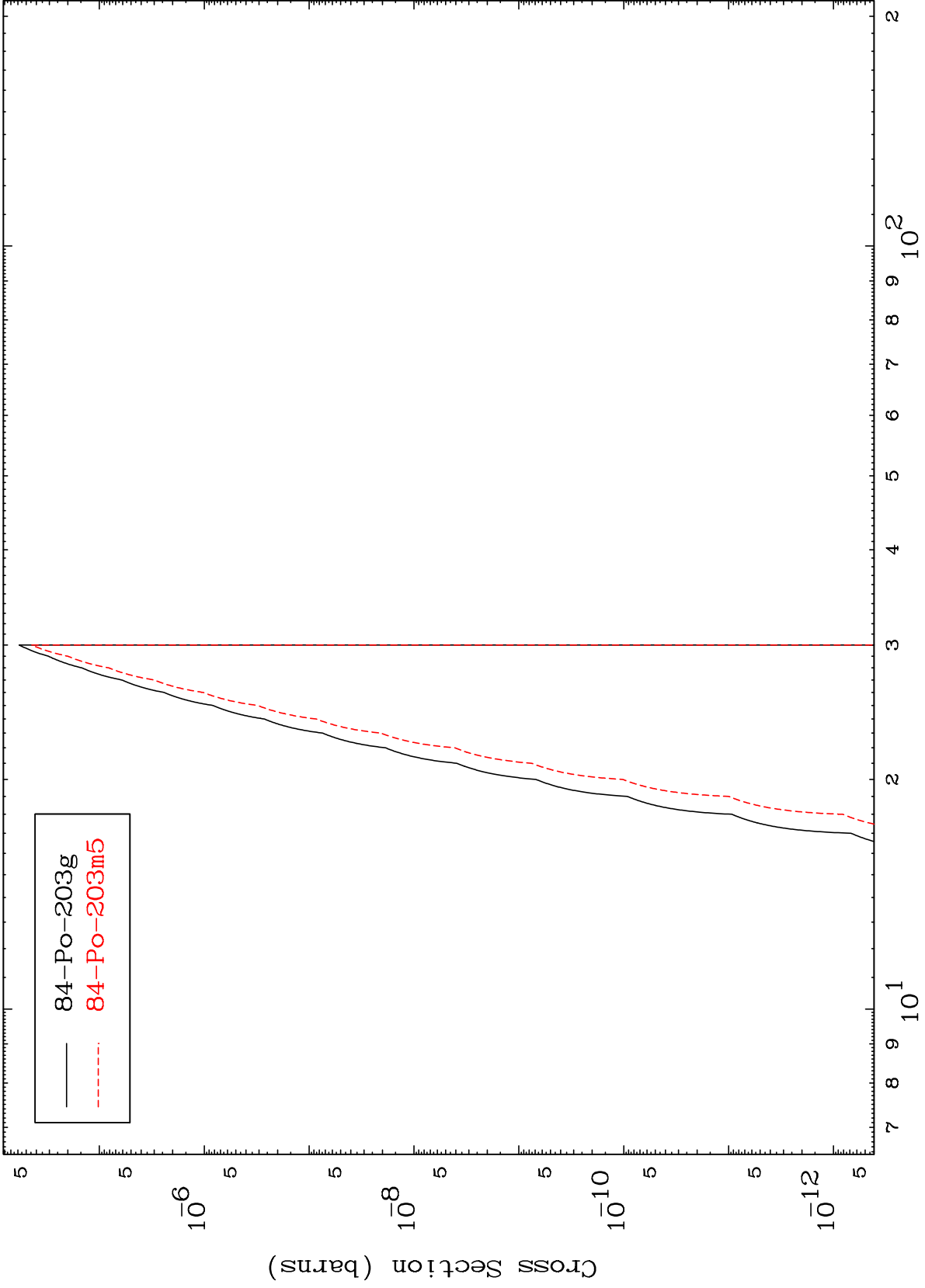


MAT 8610

(n,n') He-3

86-Rn-206

Radionuclide Production Cross Section



55

Incident Energy (MeV)

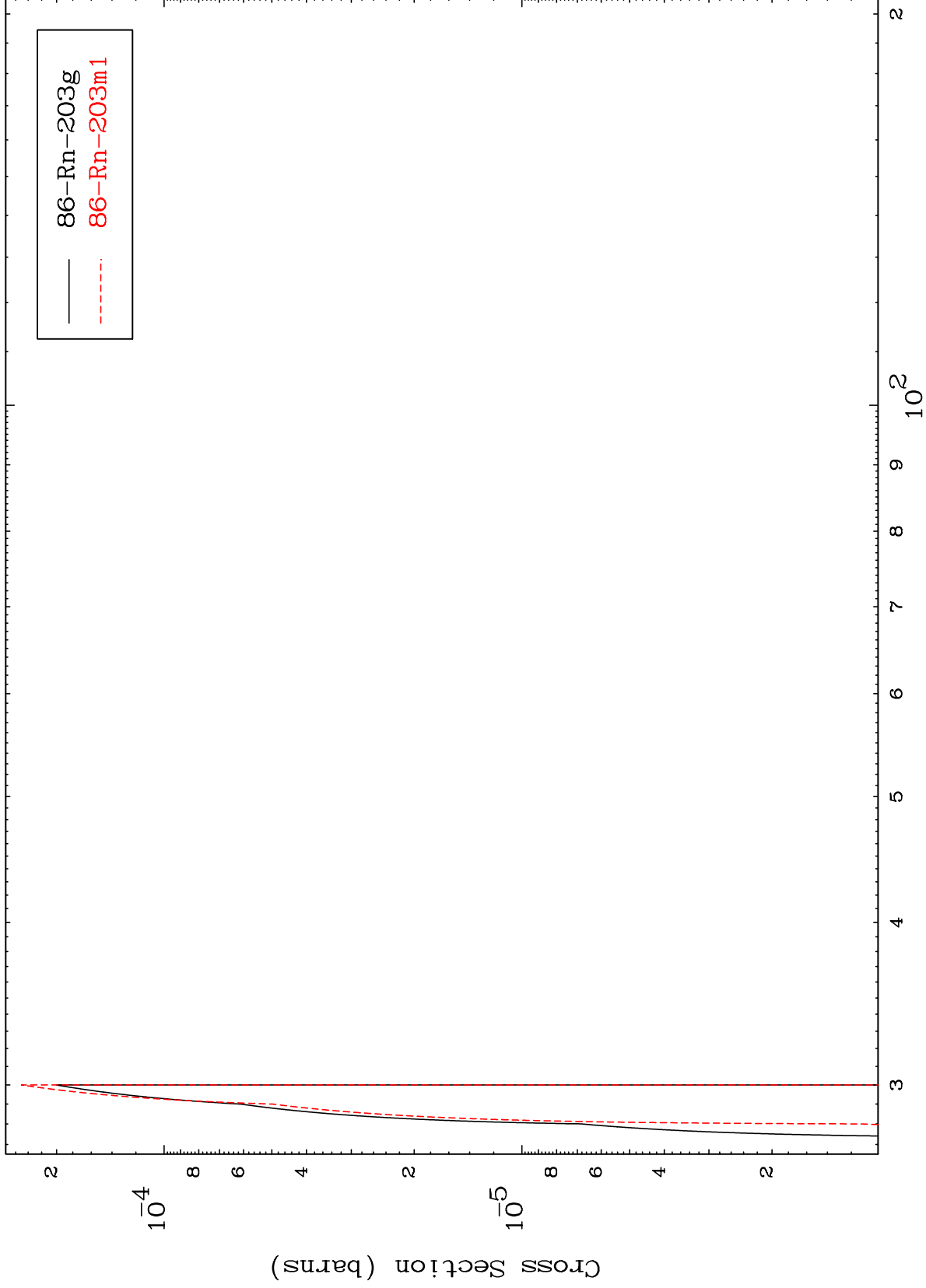
86-Rn-206

MAT 8610

(n,4n)

86-Rn-206

Radionuclide Production Cross Section



56

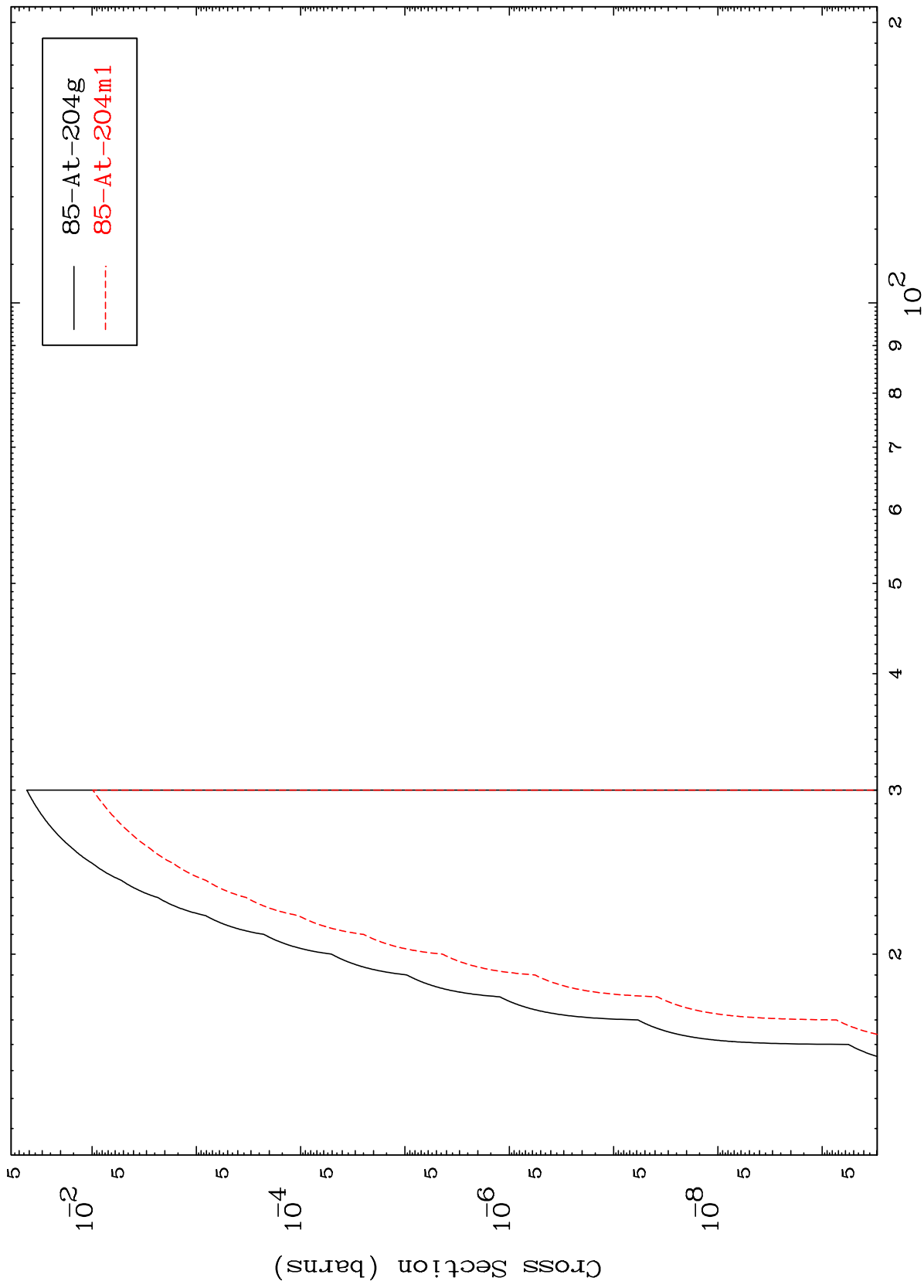
Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

(n,2n) p
Radionuclide Production Cross Section



57

Incident Energy (MeV)

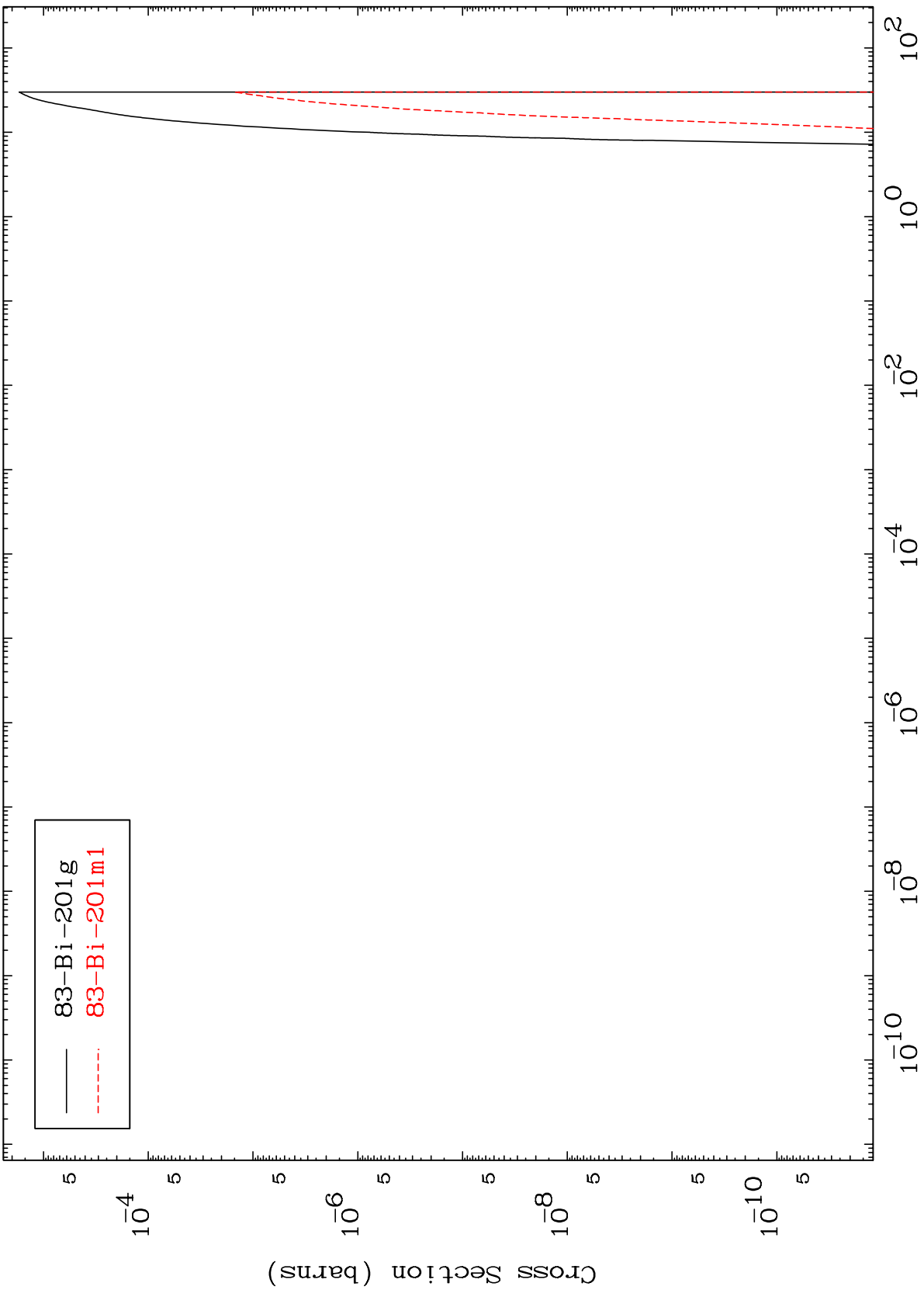
86-Rn-206

MAT 8610

(n,n') p α

86-Rn-206

Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

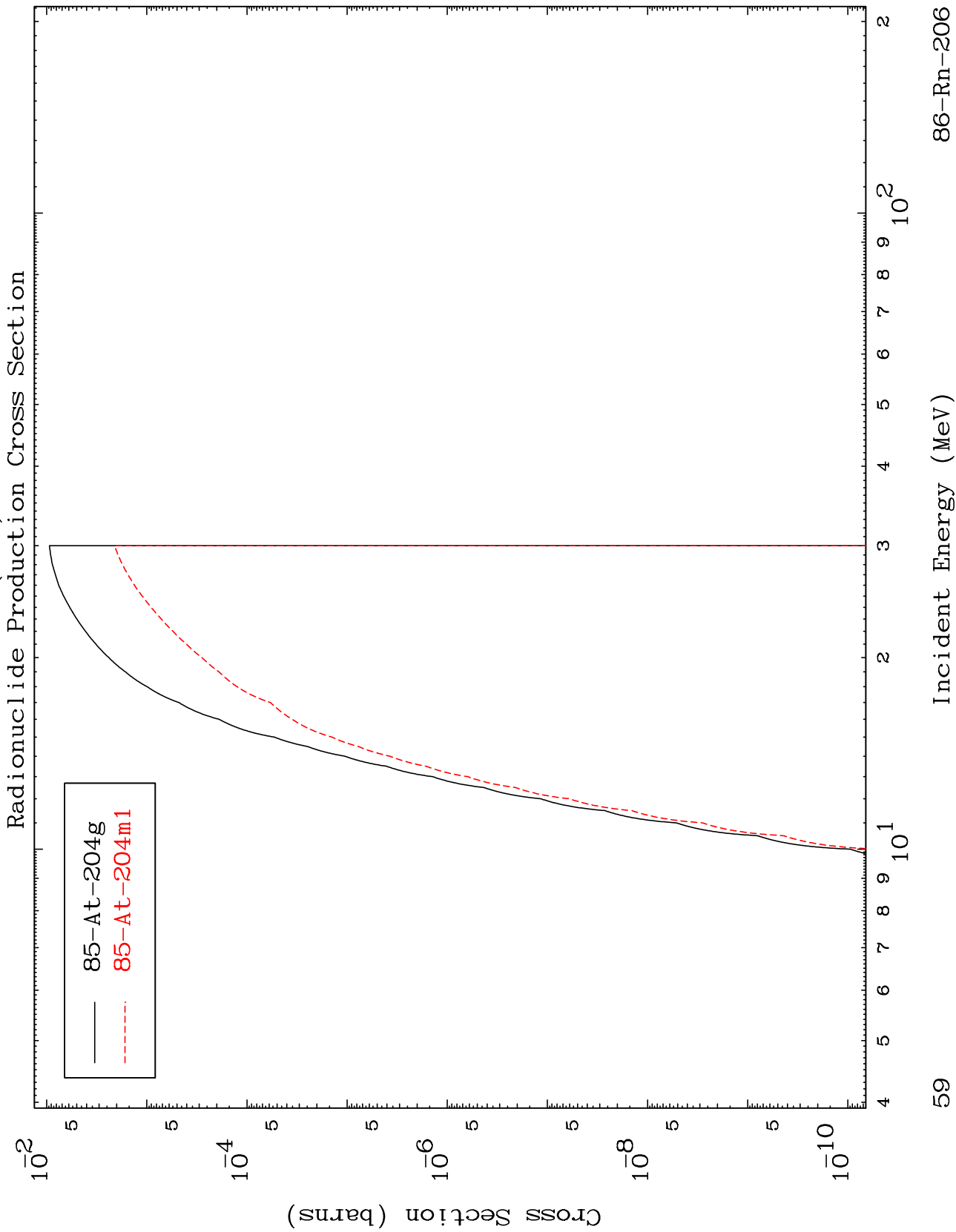
58

Incident Energy (MeV)

86-Rn-206

MAT 8610

86-Rn-206

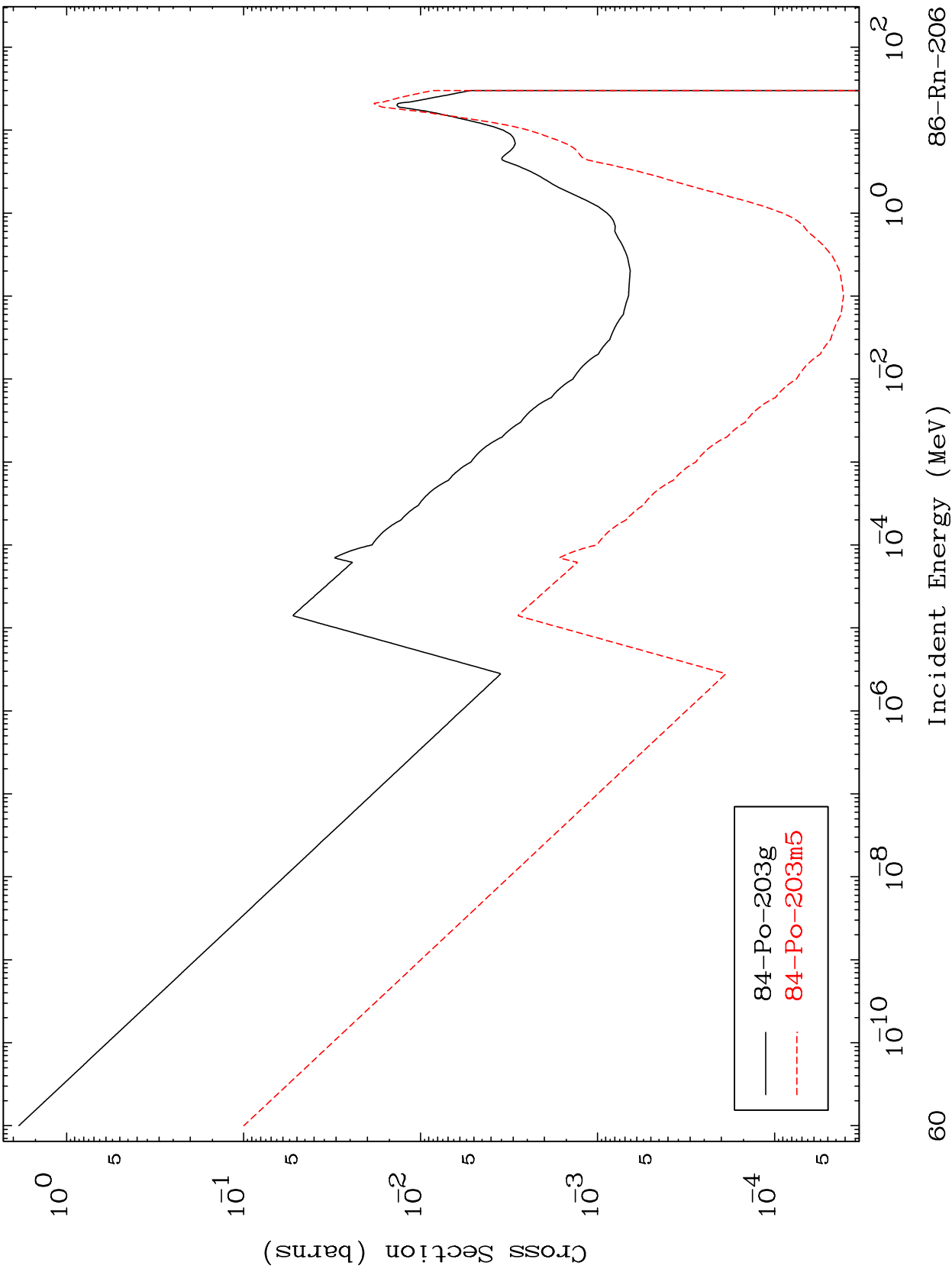


85-At-204g
85-At-204m1

MAT 8610

86-Rn-206

(n, α)
Radionuclide Production Cross Section



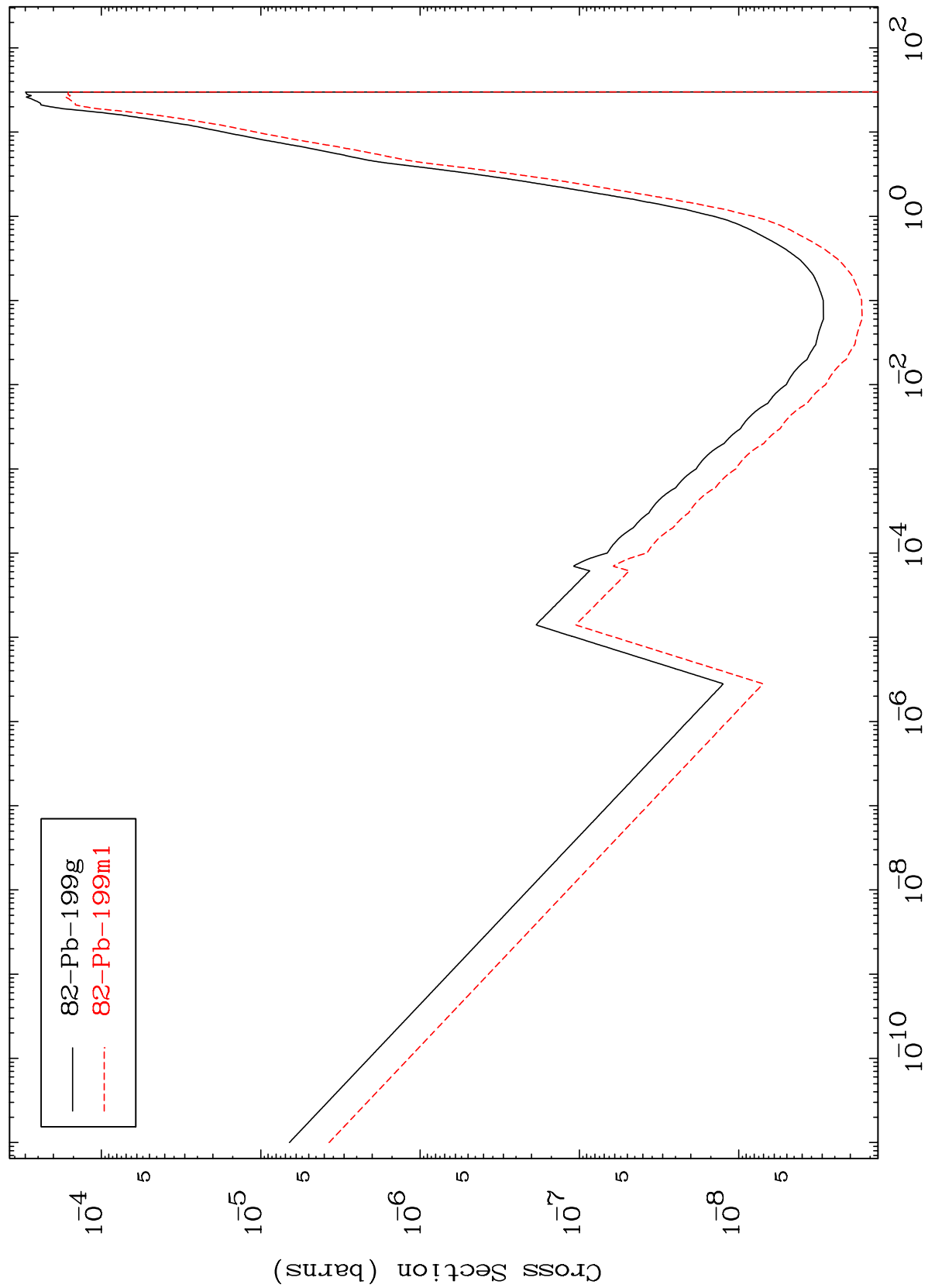
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86-Rn-206

MAT 8610

86-Rn-206

Radionuclide Production Cross Section
(n,2α)



82-Pb-199g
82-Pb-199m1

61

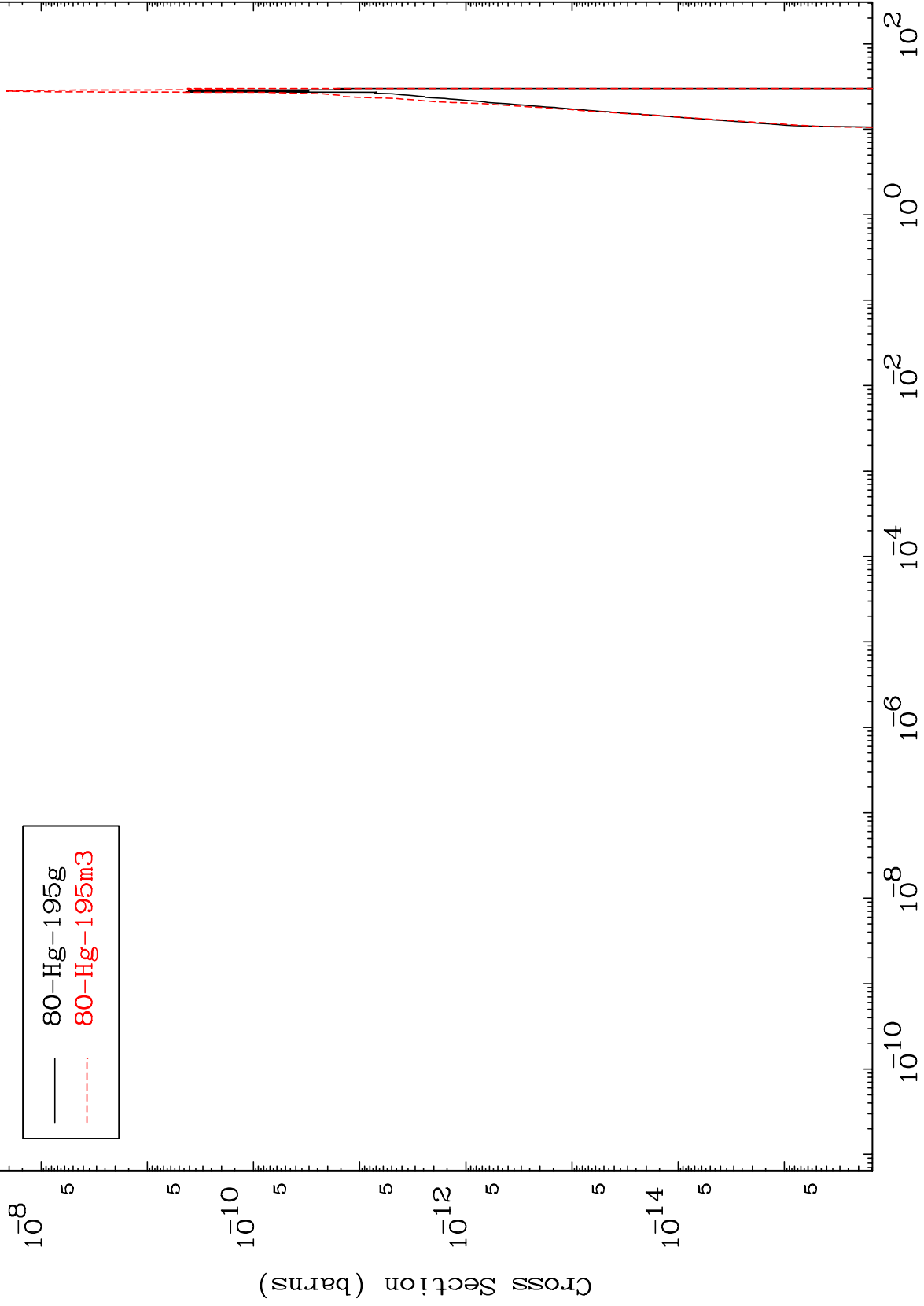
86-Rn-206

MAT 8610

(n, 3α)

86-Rn-206

Radionuclide Production Cross Section



62

Incident Energy (MeV)

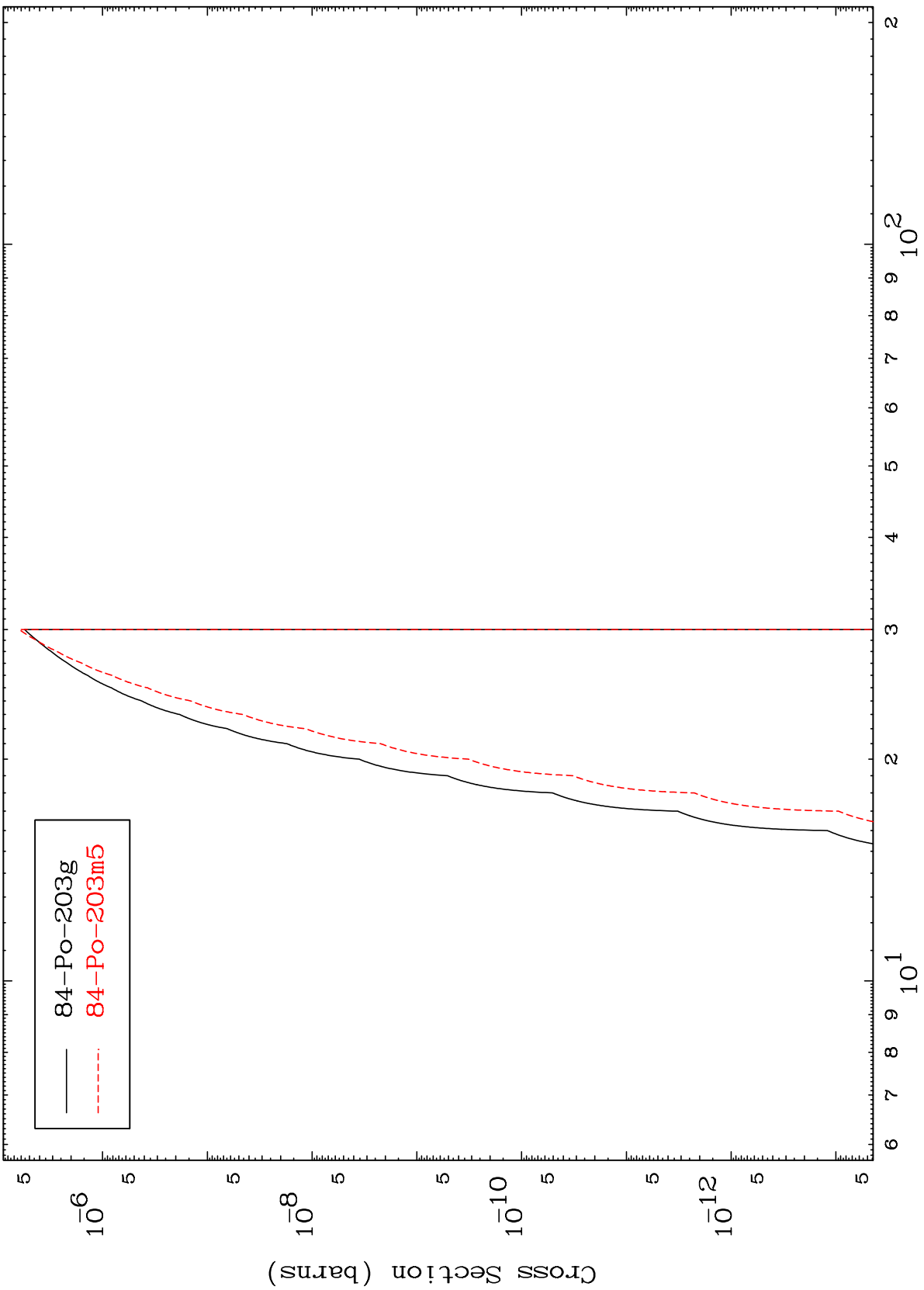
86-Rn-206

MAT 8610

(n,p) t

86-Rn-206

Radionuclide Production Cross Section



84-Po-203g
84-Po-203m5

63

Incident Energy (MeV)

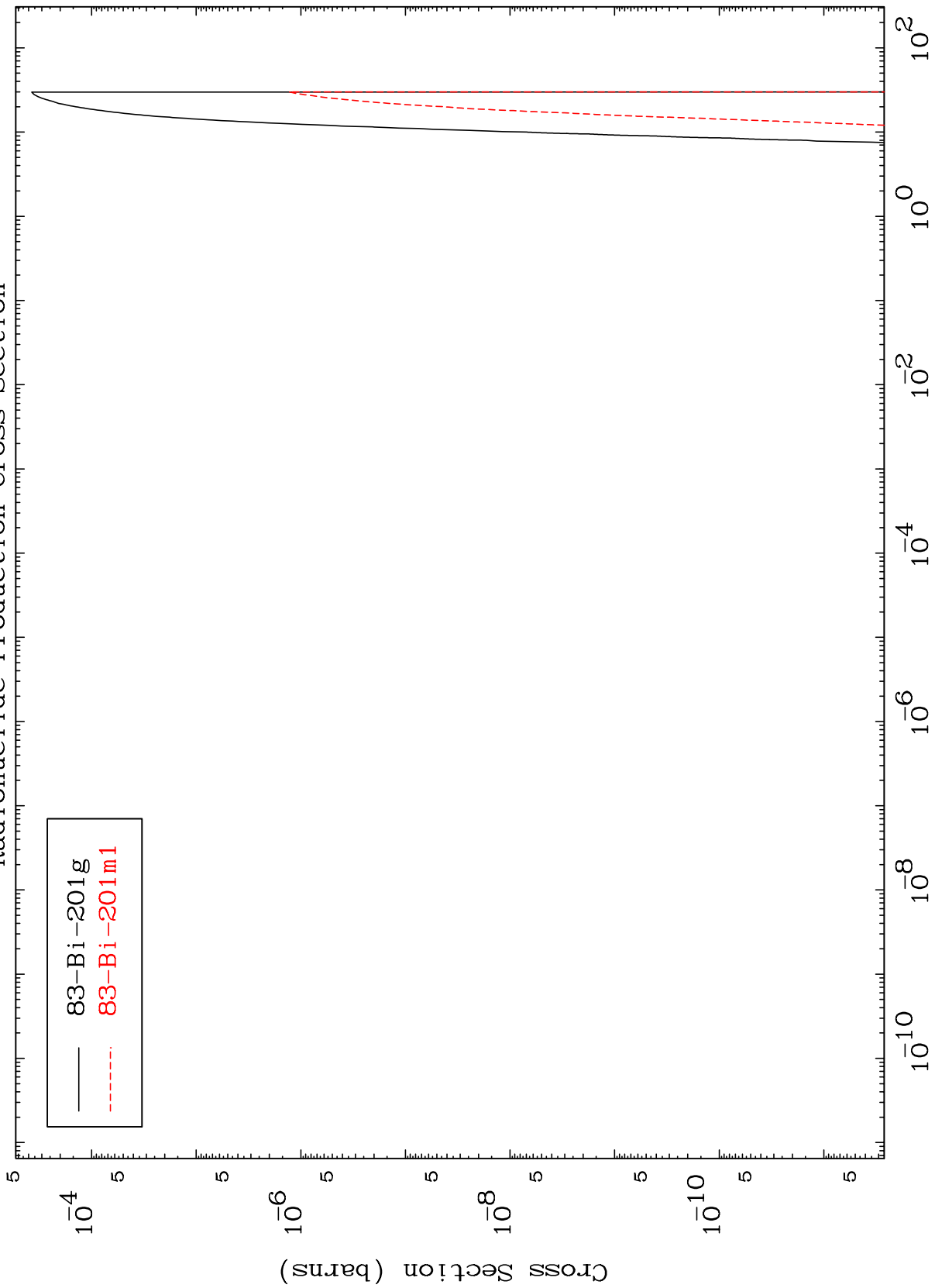
86-Rn-206

MAT 8610

(n,d) α

86-Rn-206

Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

64

Incident Energy (MeV)

86-Rn-206