

Program EVALPLOT
(Version 2015-2)

by

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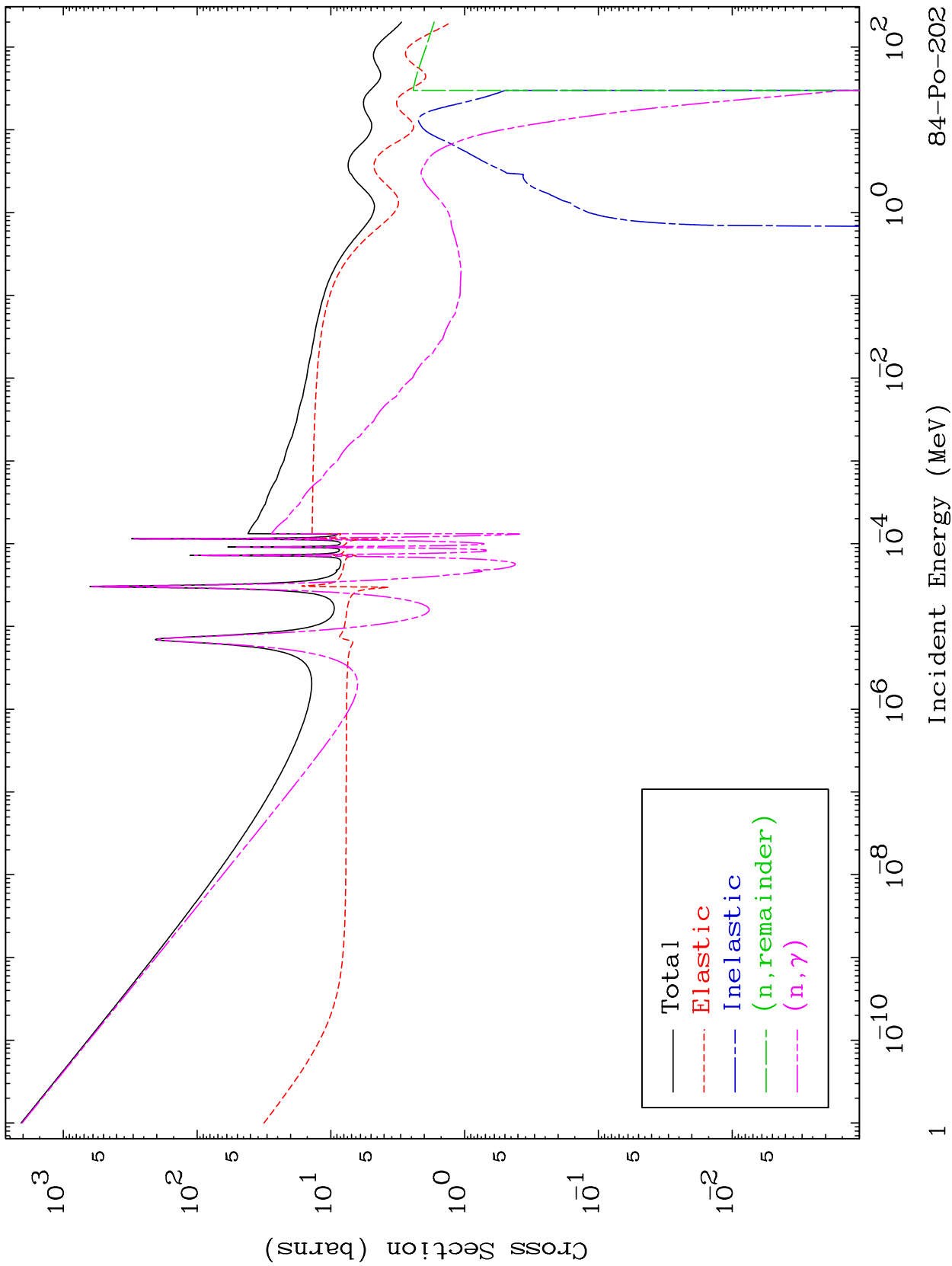
Press Mouse Button to Start

MAT 8413

Major

293 Kelvin Cross Sections

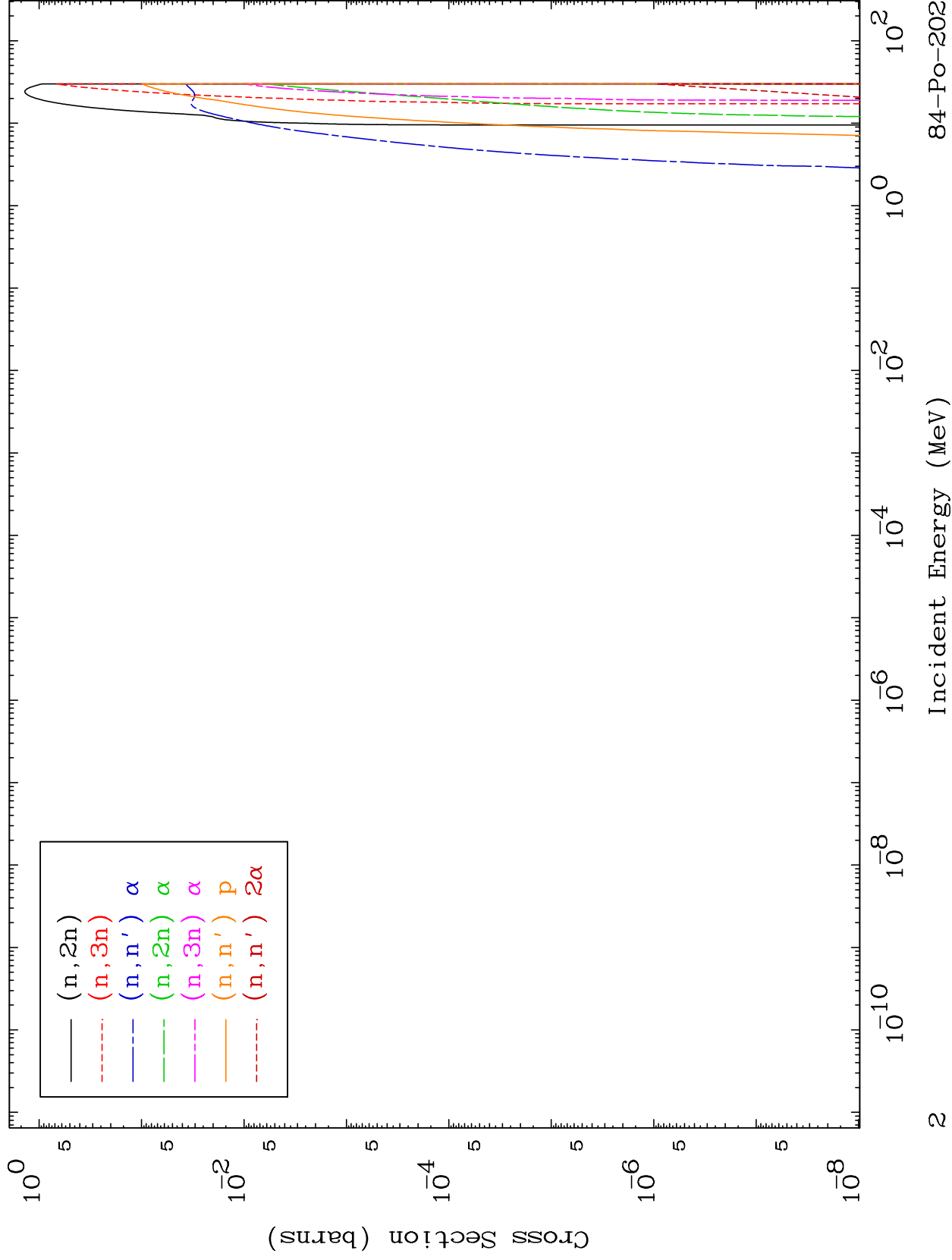
84-Po-202



MAT 8413

Neutron Production
293 Kelvin Cross Sections

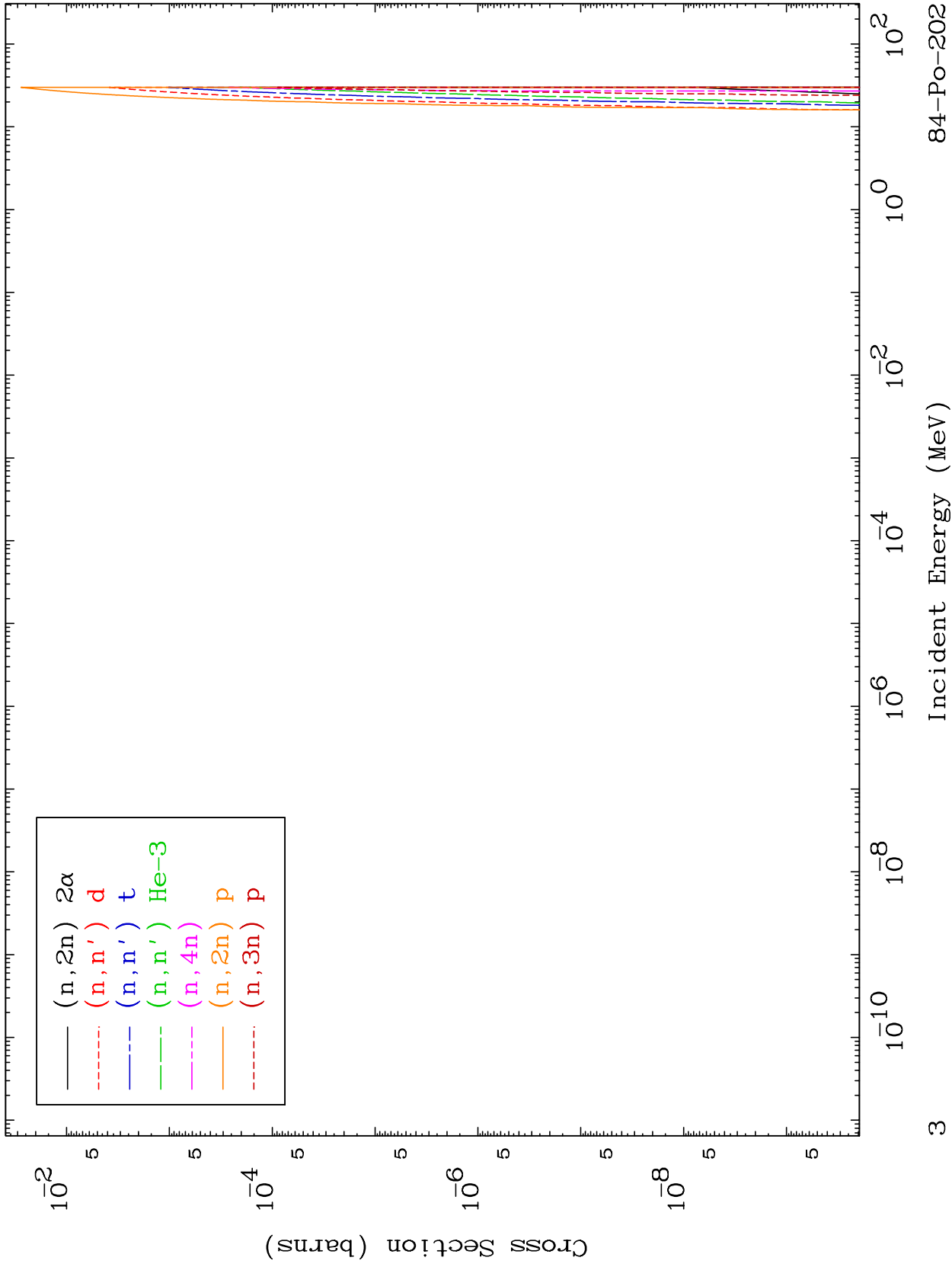
84-Po-202



MAT 8413

Neutron Production
293 Kelvin Cross Sections

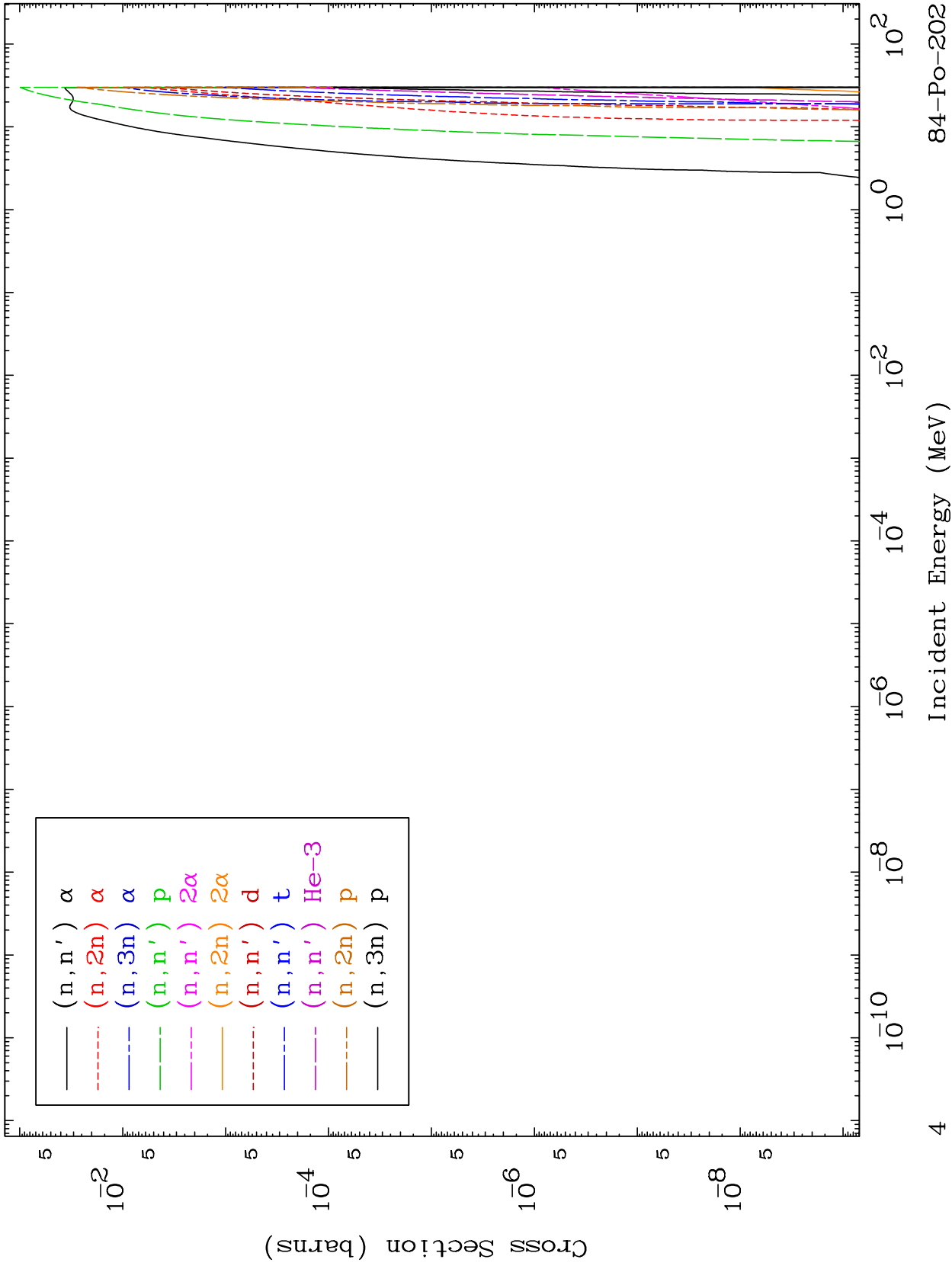
84-Po-202



MAT 8413

Charged Particle
293 Kelvin Cross Sections

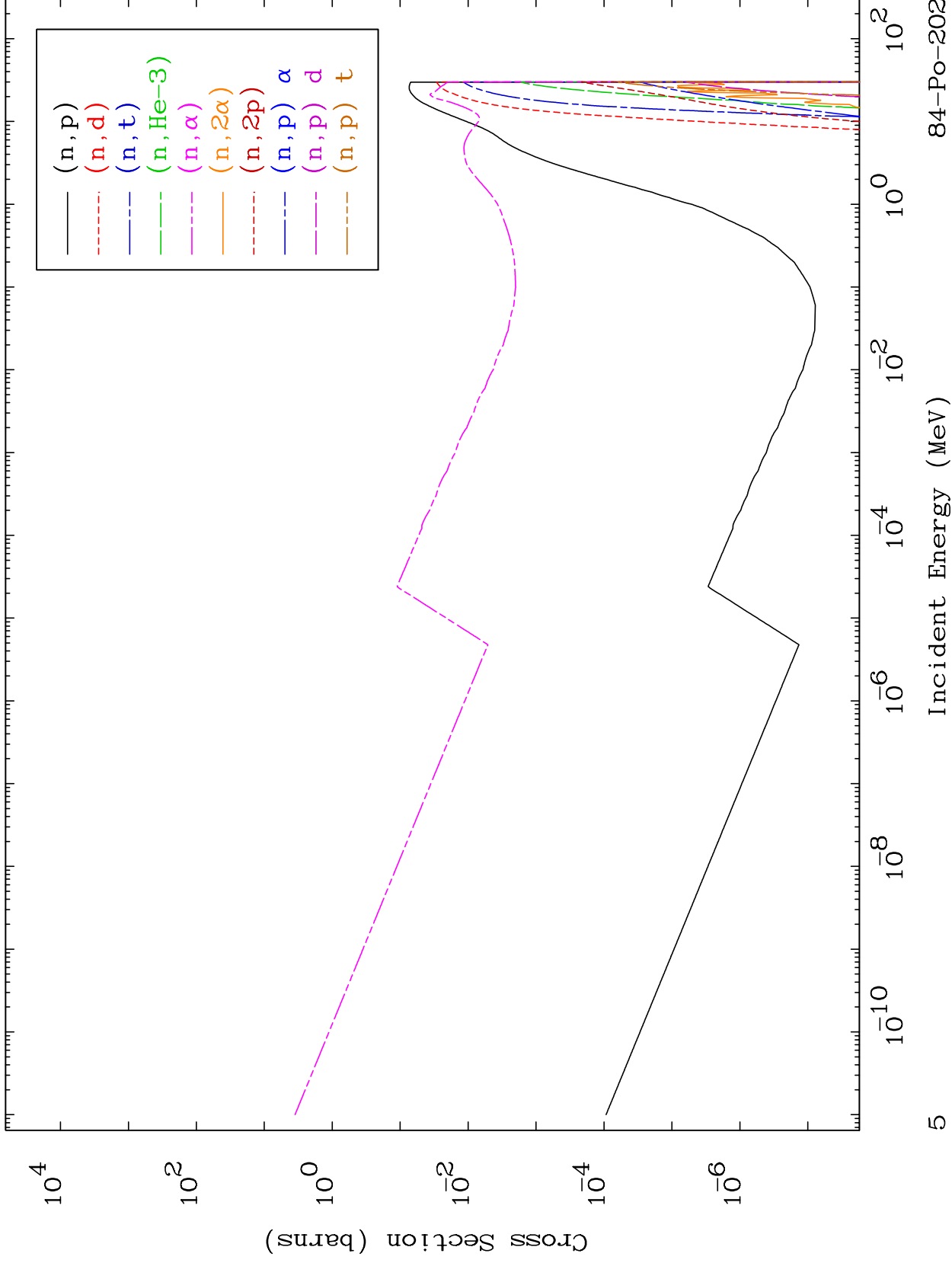
84-Po-202



MAT 8413

Charged Particle
293 Kelvin Cross Sections

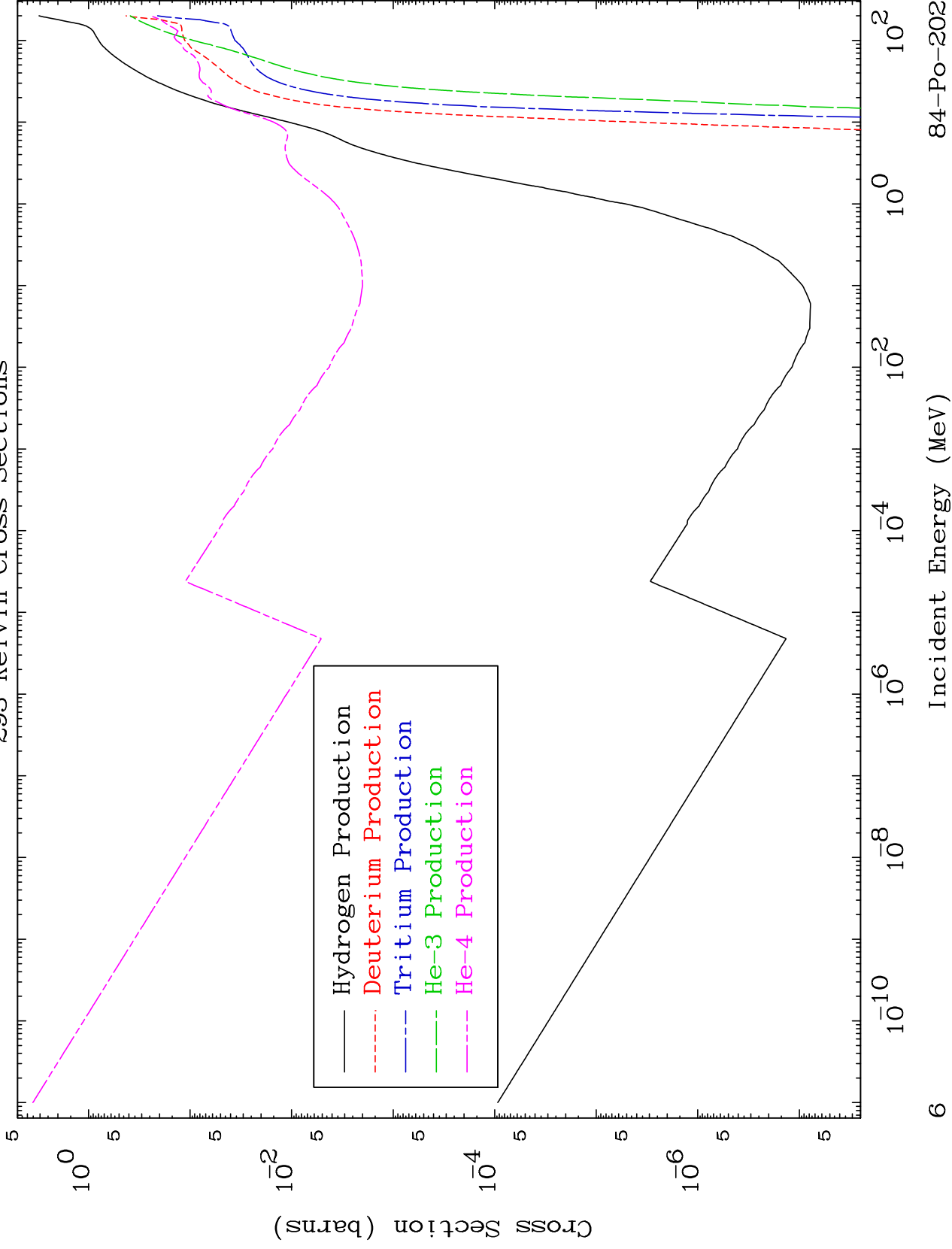
84-Po-202



MAT 8413

Particle Production
293 Kelvin Cross Sections

84-Po-202

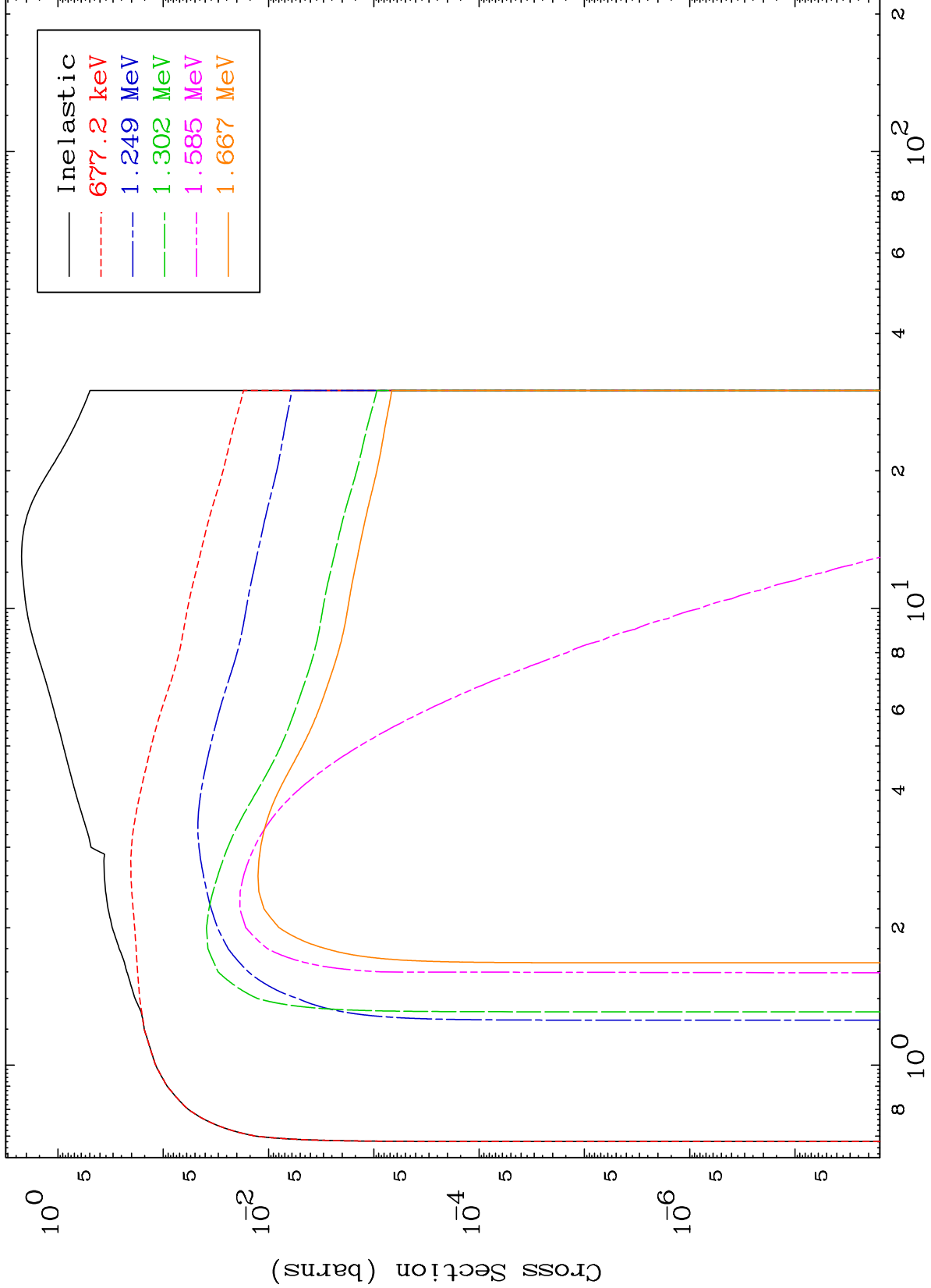


MAT 8413

(n,n') Level

84-Po-202

293 Kelvin Cross Sections



7

Incident Energy (MeV)

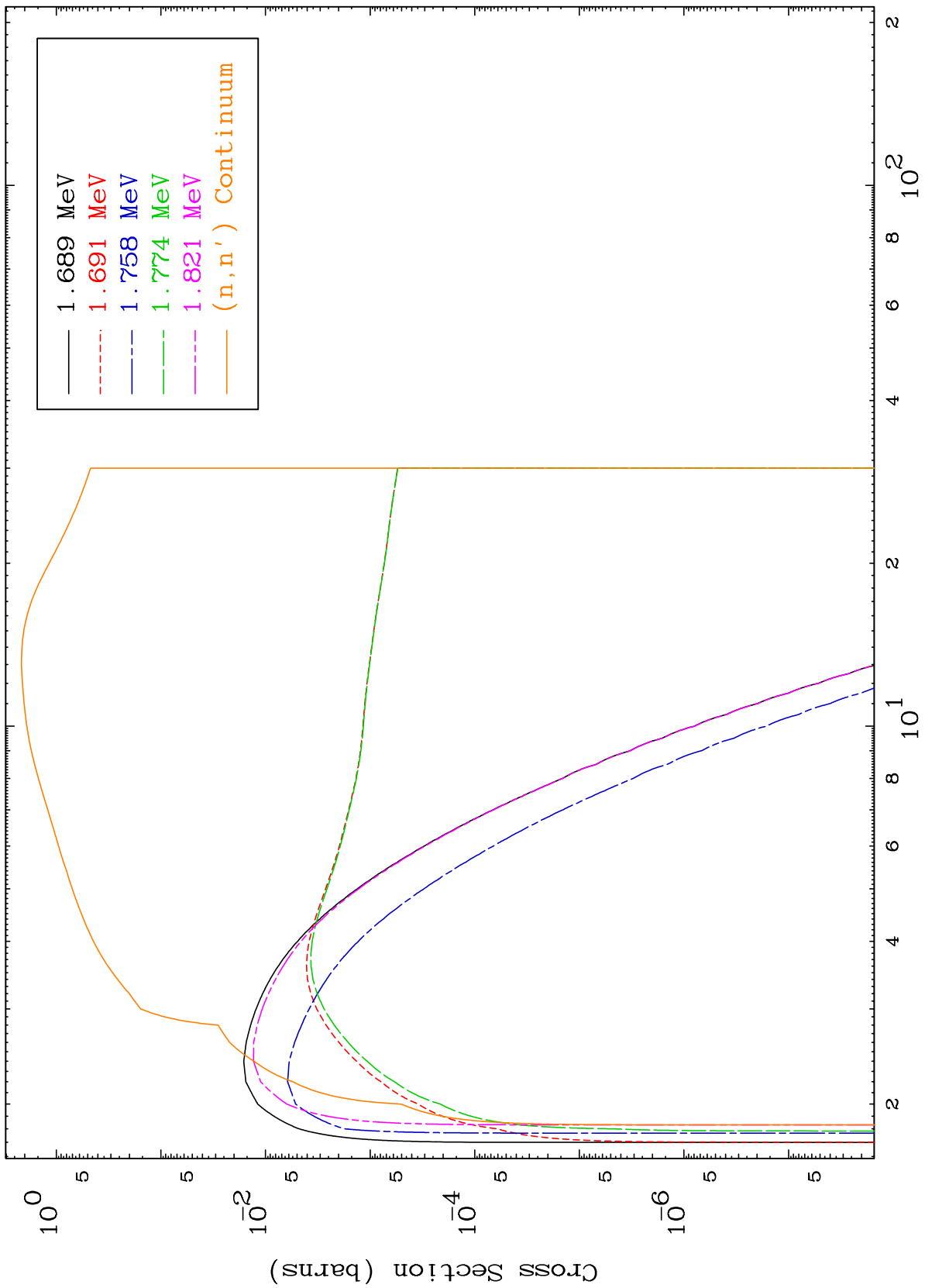
84-Po-202

MAT 8413

(n,n') Level

84-Po-202

293 Kelvin Cross Sections



8

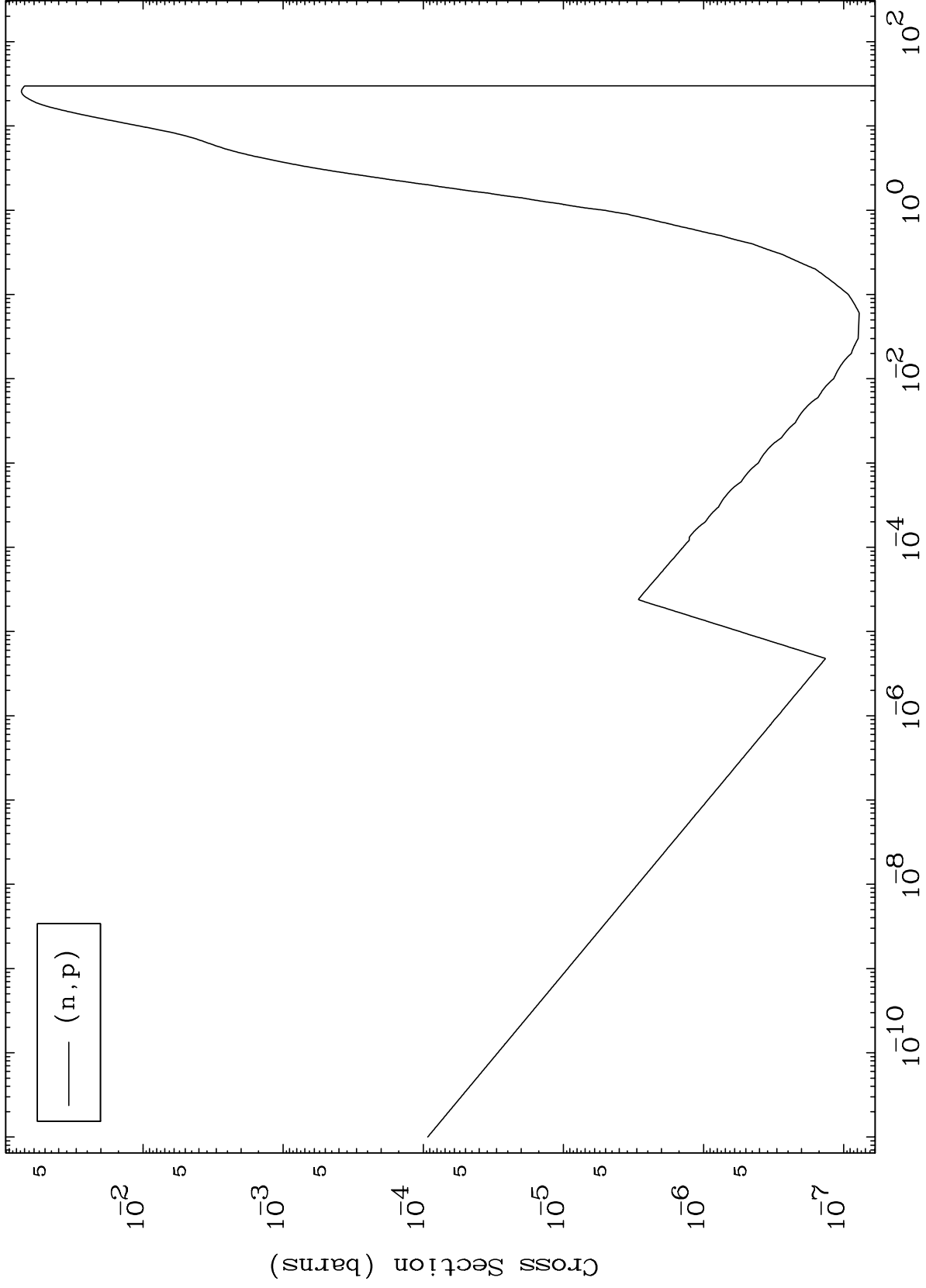
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,p) Levels
293 Kelvin Cross Sections

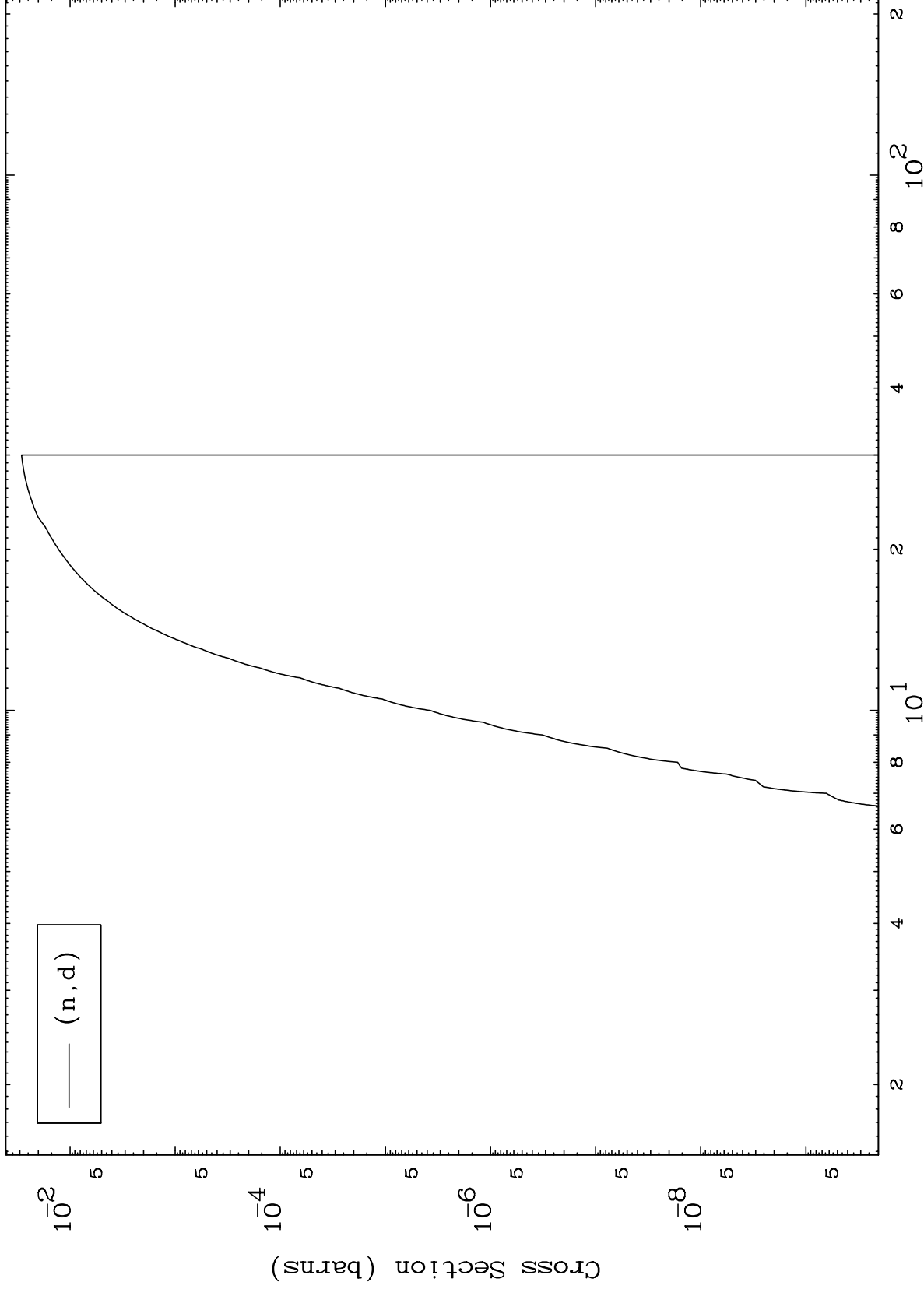
84-Po-202



MAT 8413

(n,d) Levels
293 Kelvin Cross Sections

84-Po-202



10

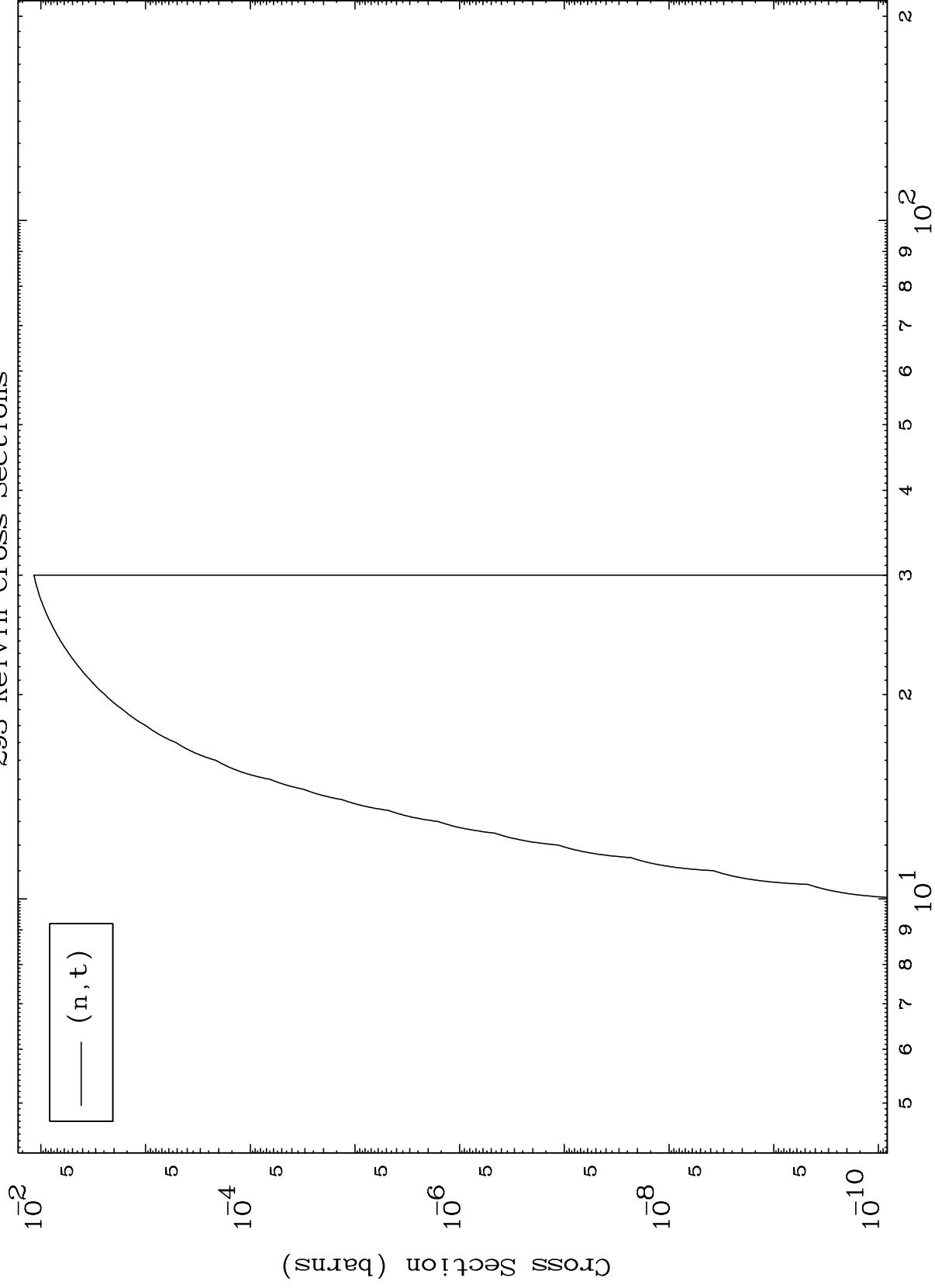
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,t) Levels
293 Kelvin Cross Sections

84-Po-202



11

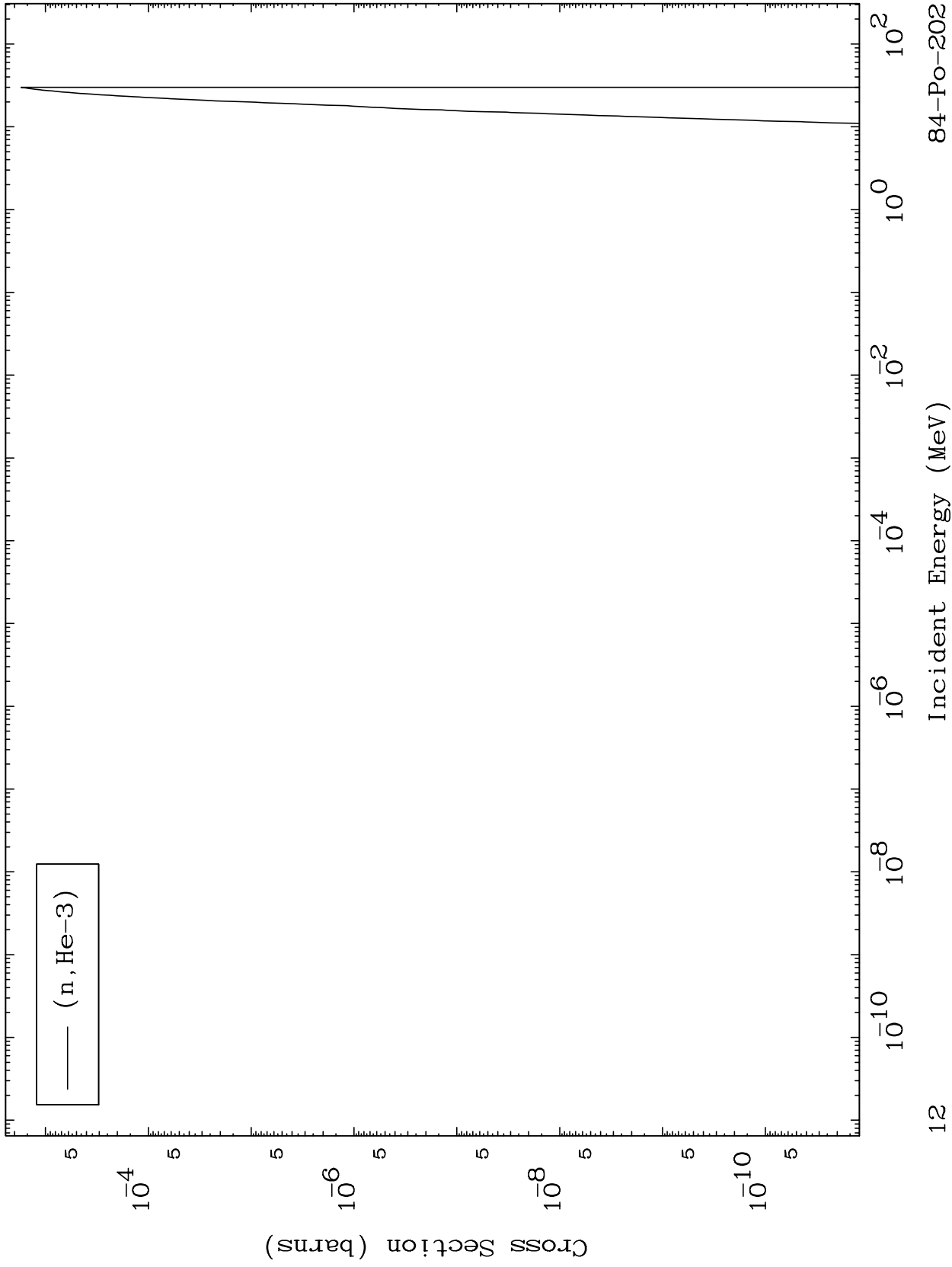
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,He3) Levels
293 Kelvin Cross Sections

84-Po-202



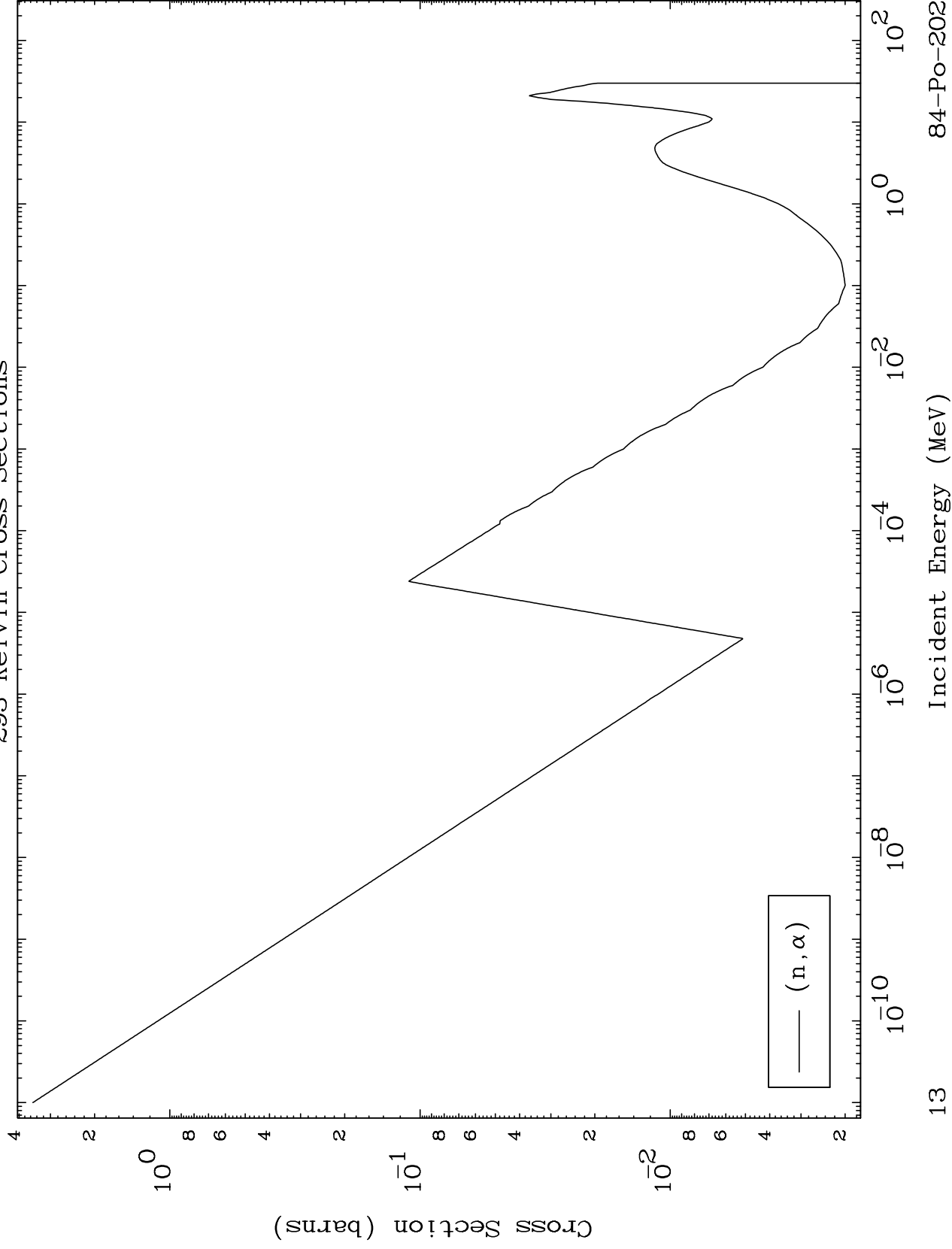
12

84-Po-202

MAT 8413

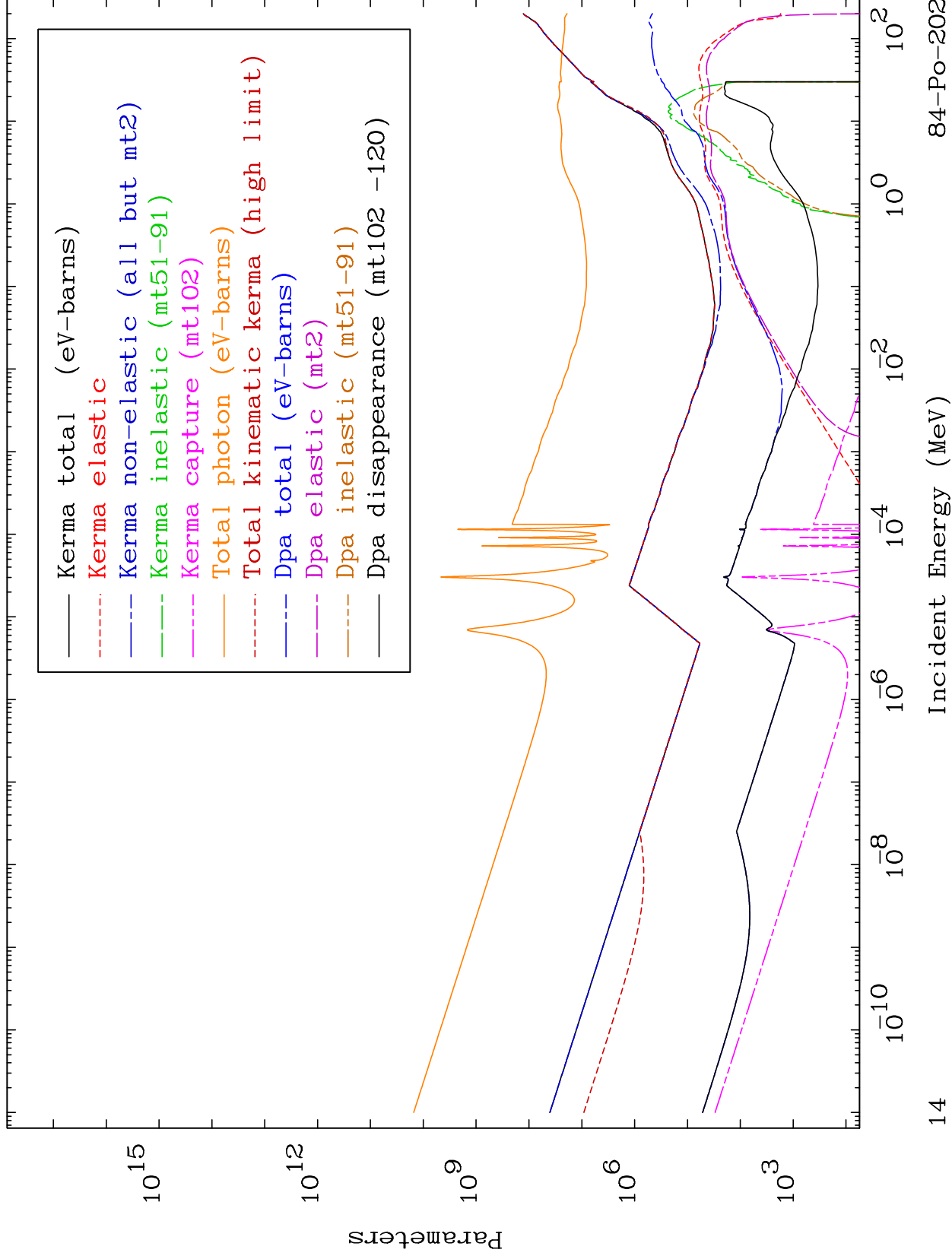
(n,α) Levels
293 Kelvin Cross Sections

84-Po-202



13

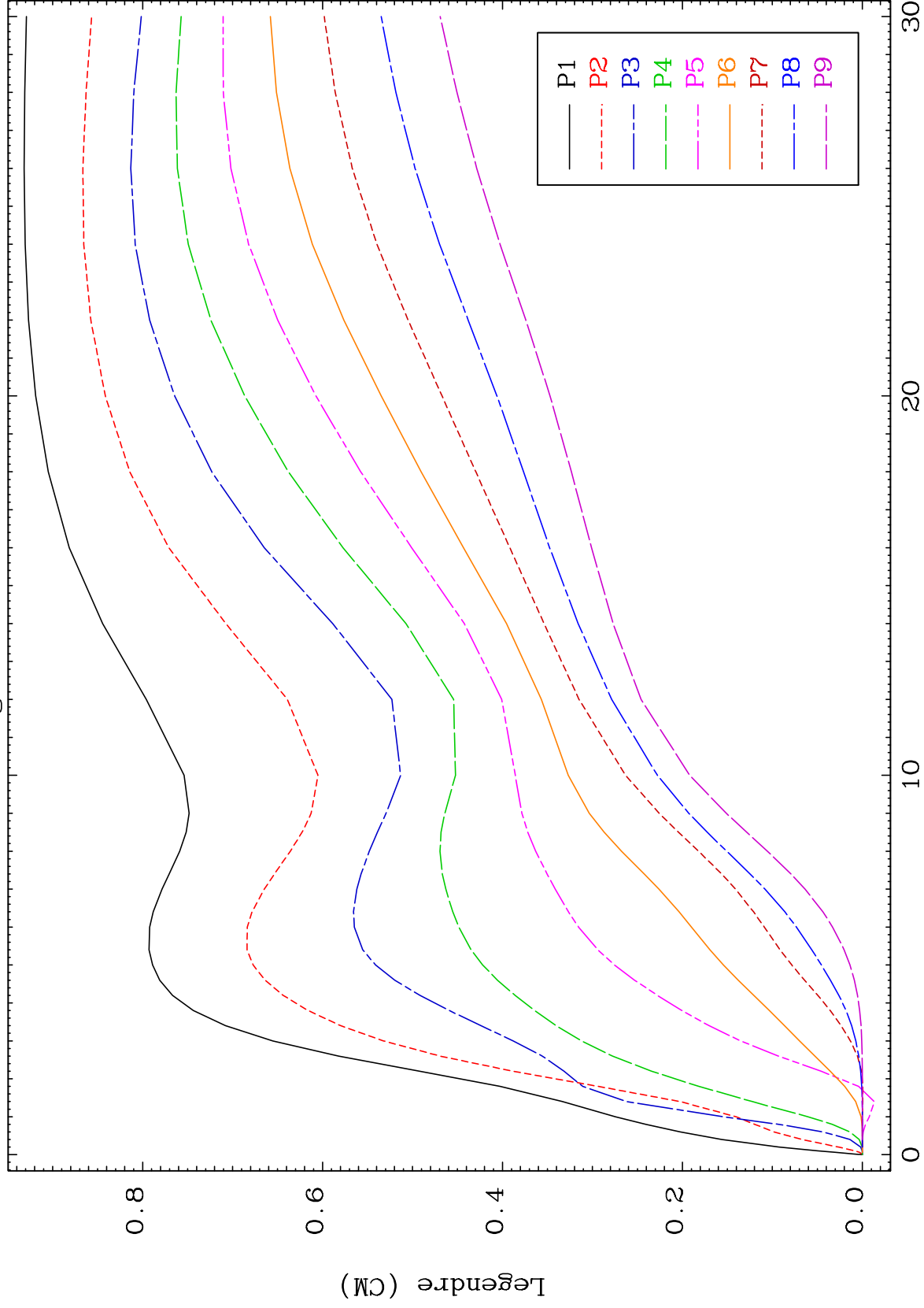
84-Po-202



MAT 8413

Elastic Legendre Coefficients

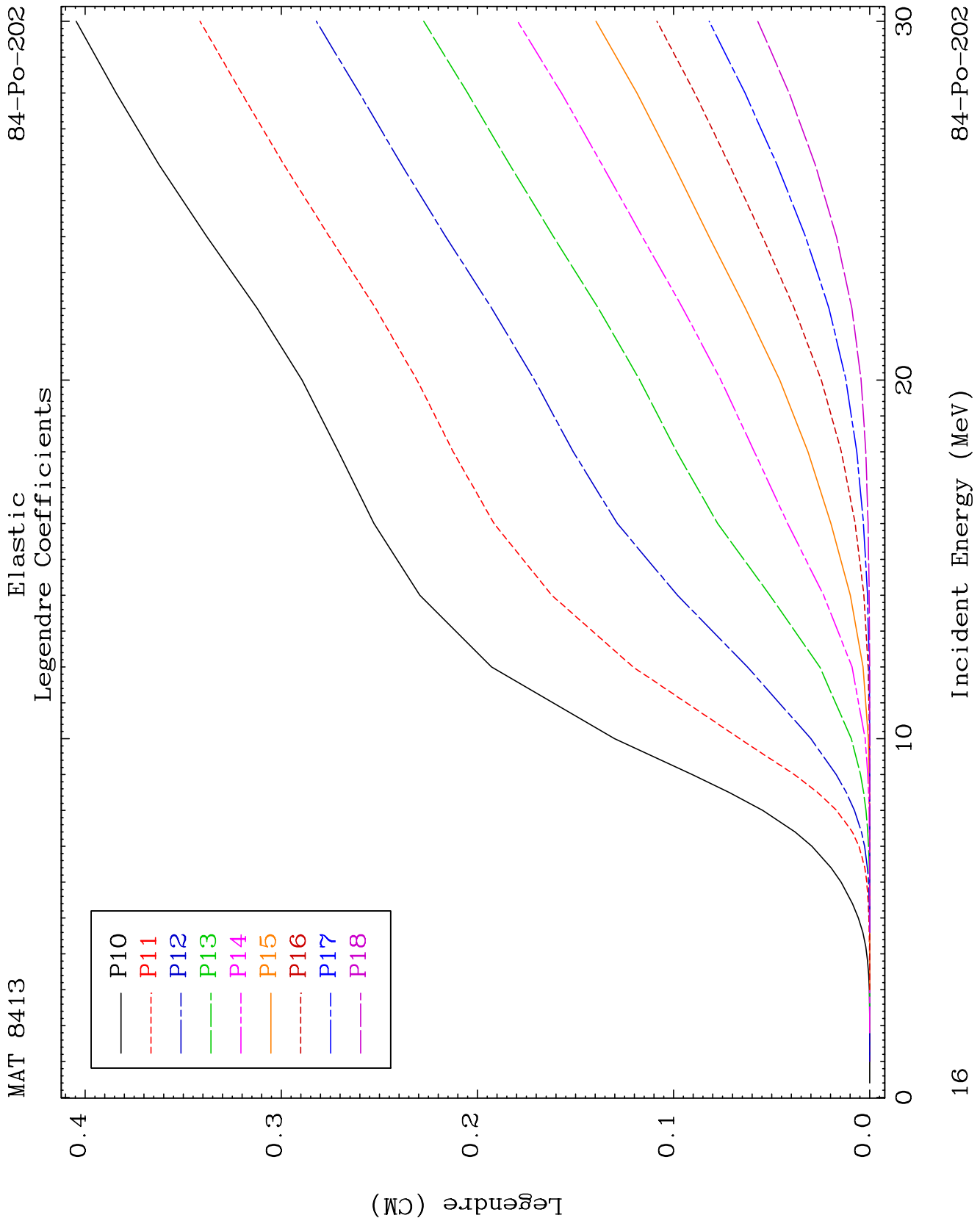
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15

Incident Energy (MeV)

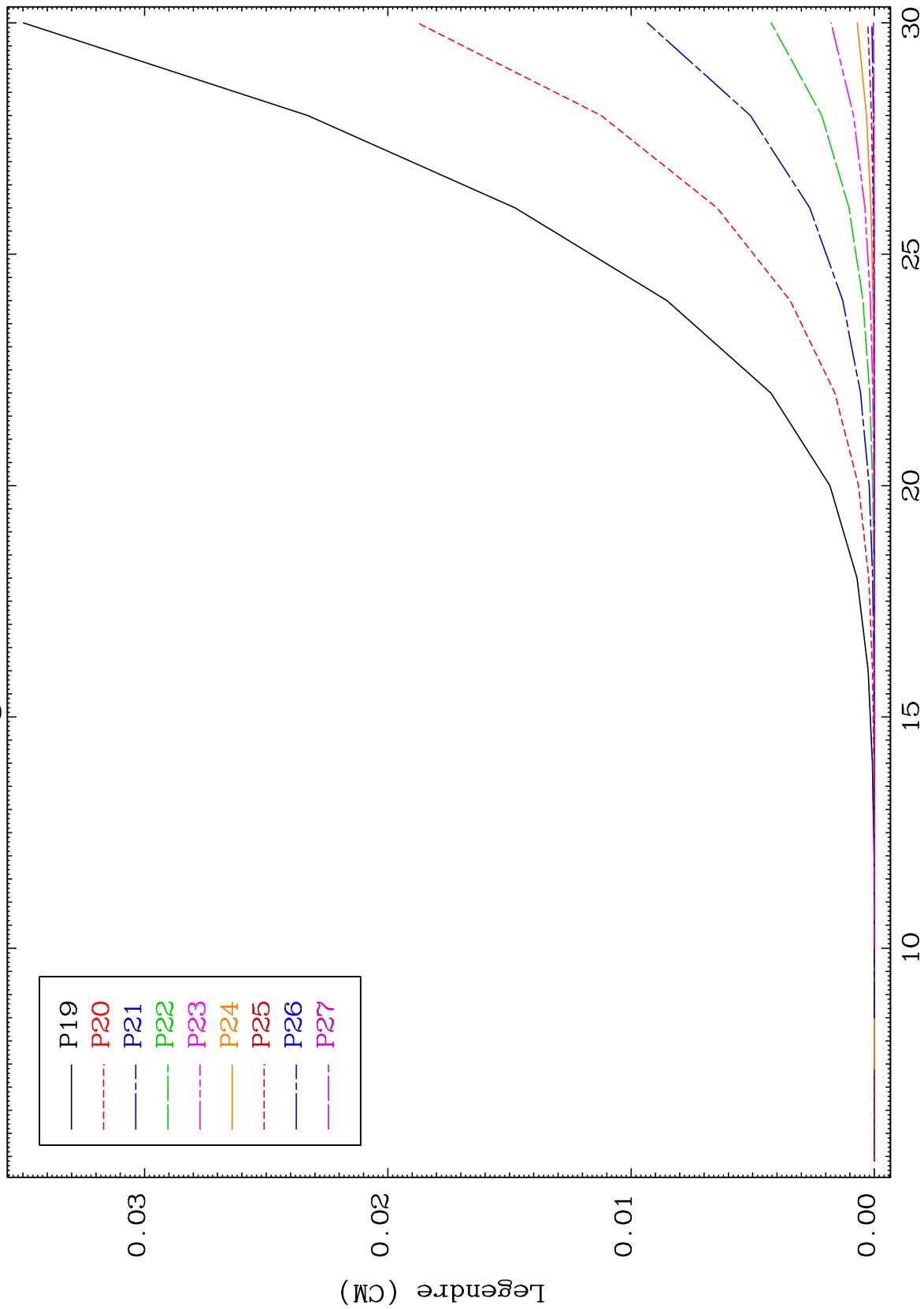
84-Po-202



MAT 8413

Elastic Legendre Coefficients

84-Po-202



17

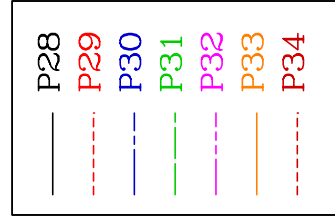
Incident Energy (MeV)

84-Po-202

MAT 8413

Elastic
Legendre Coefficients

84-Po-202



$\times 10^{-5}$

Legendre (CM)

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0.8

0.6

0.4

0.2

0.0

10

15

20

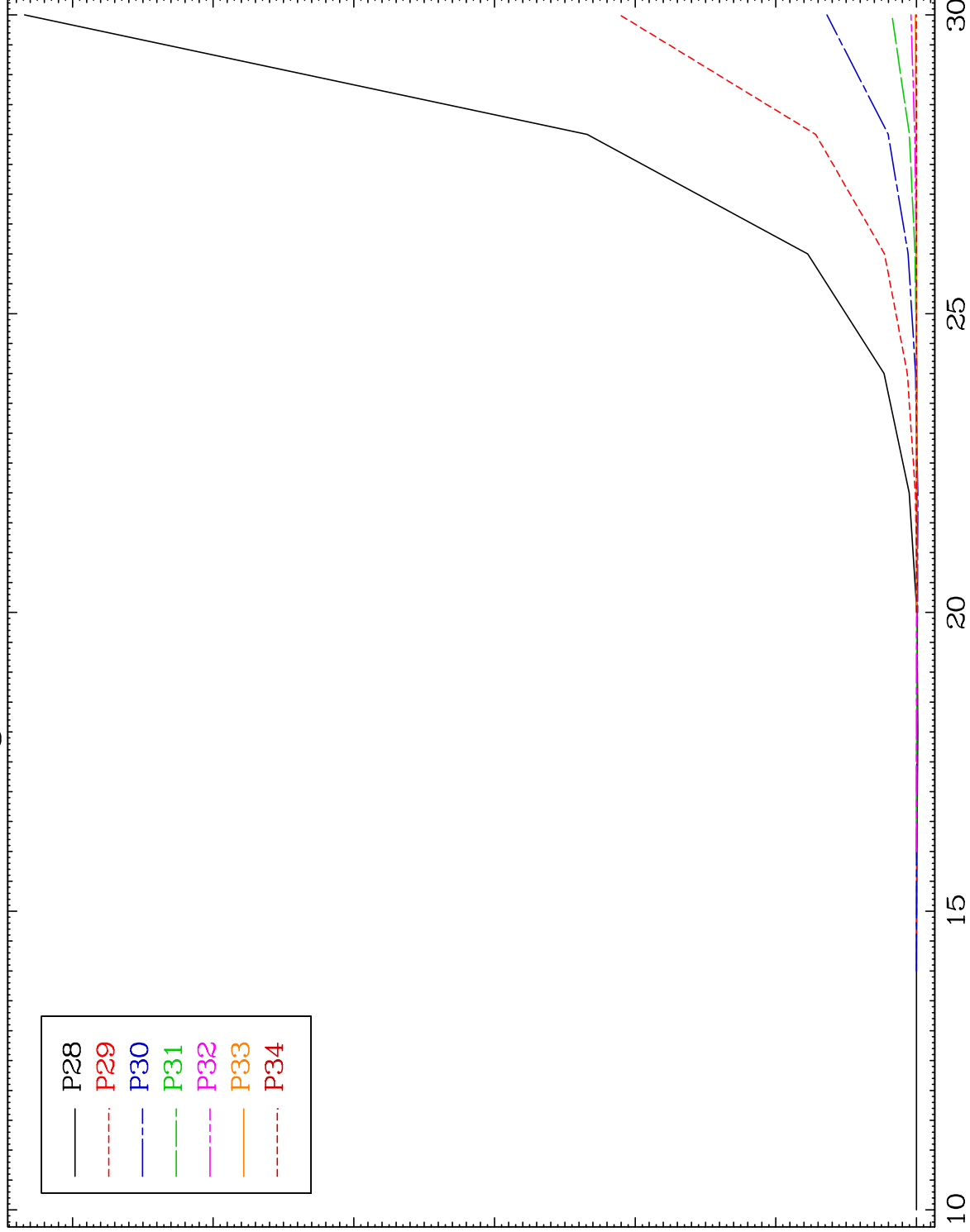
25

30

18

Incident Energy (MeV)

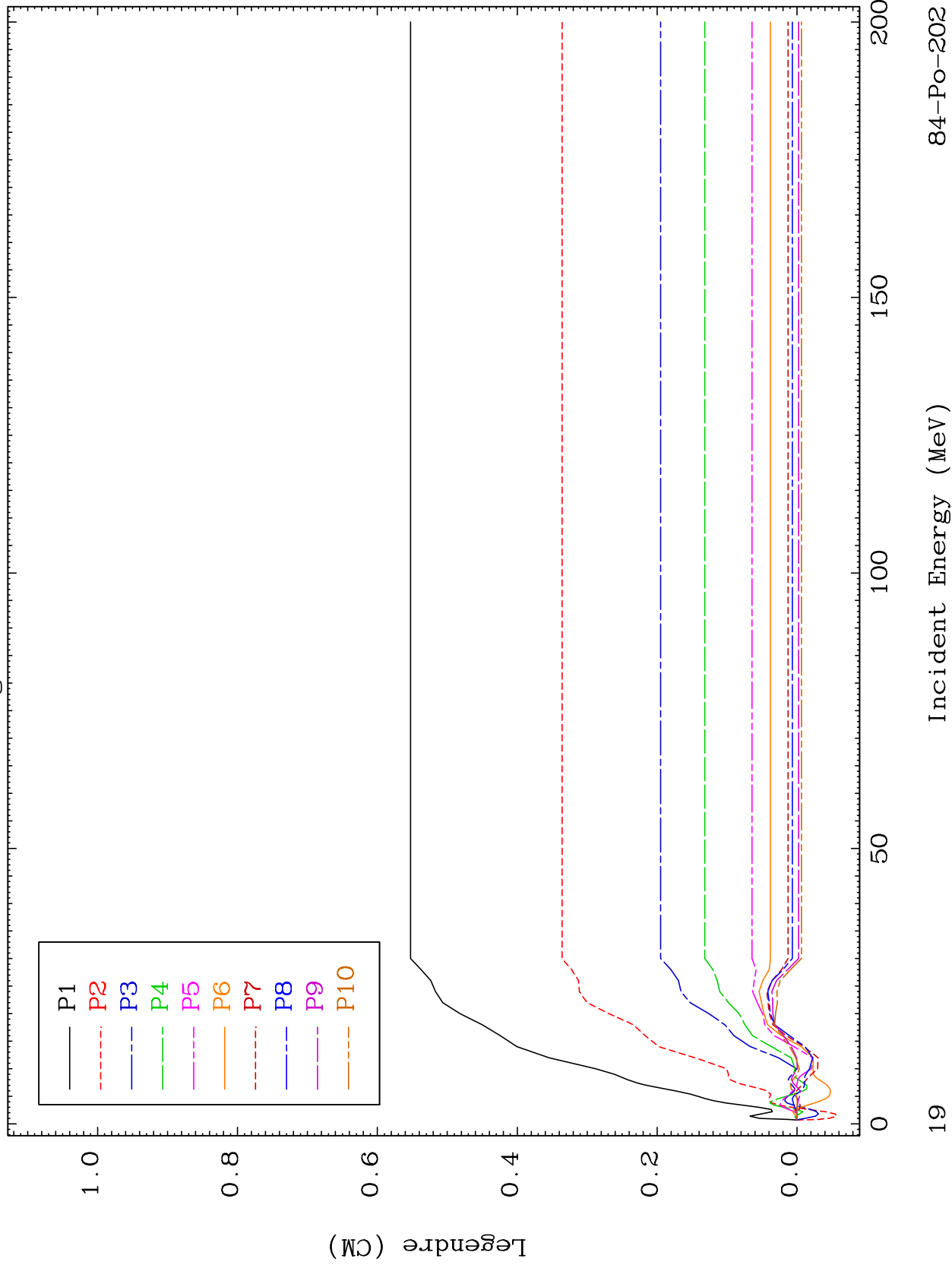
84-Po-202



MAT 8413

677.2 keV (n, n') Level
Legendre Coefficients

84-Po-202



84-Po-202

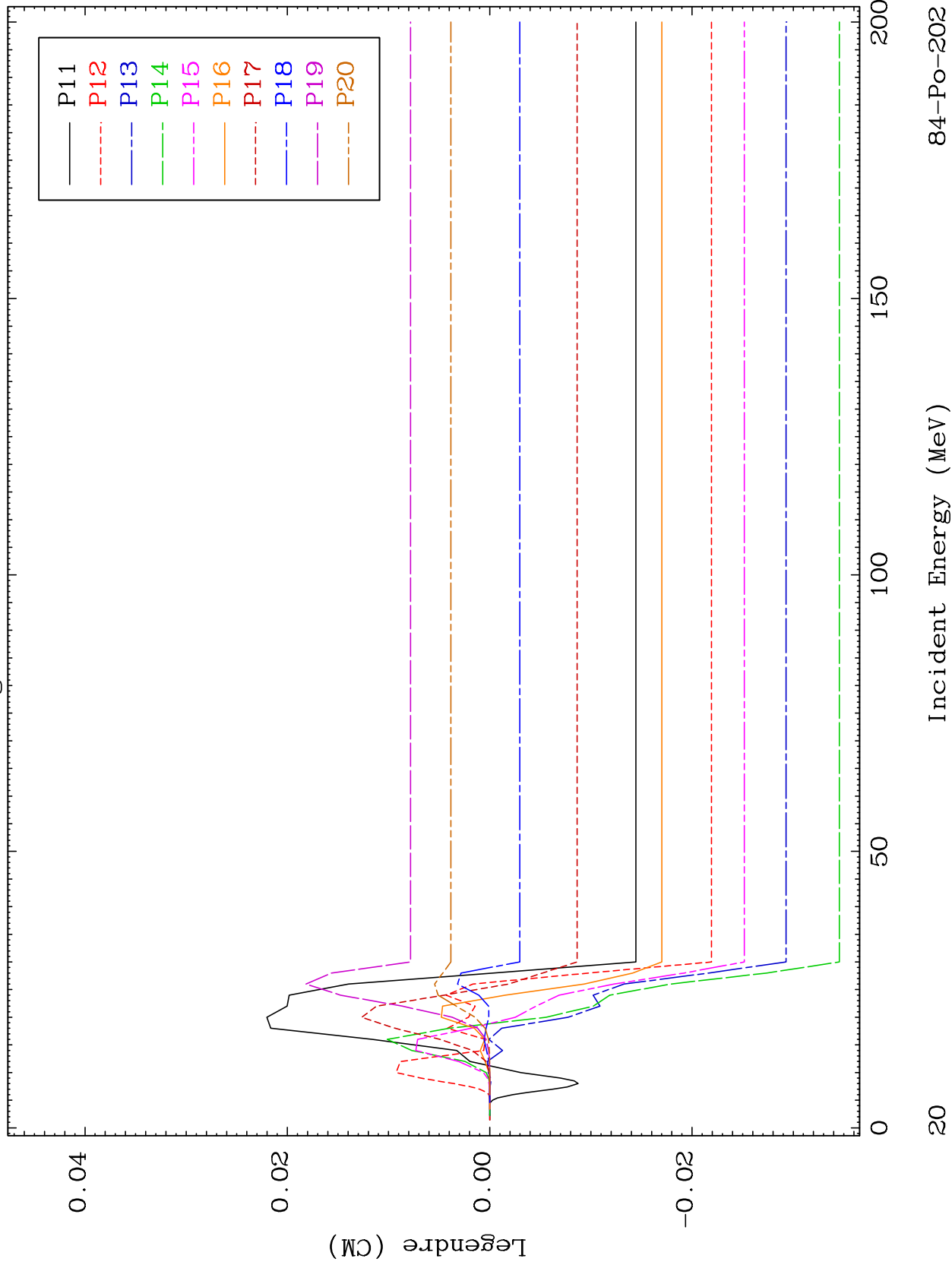
Incident Energy (MeV)

19

MAT 8413

677.2 keV (n,n') Level
Legendre Coefficients

84-Po-202



84-Po-202

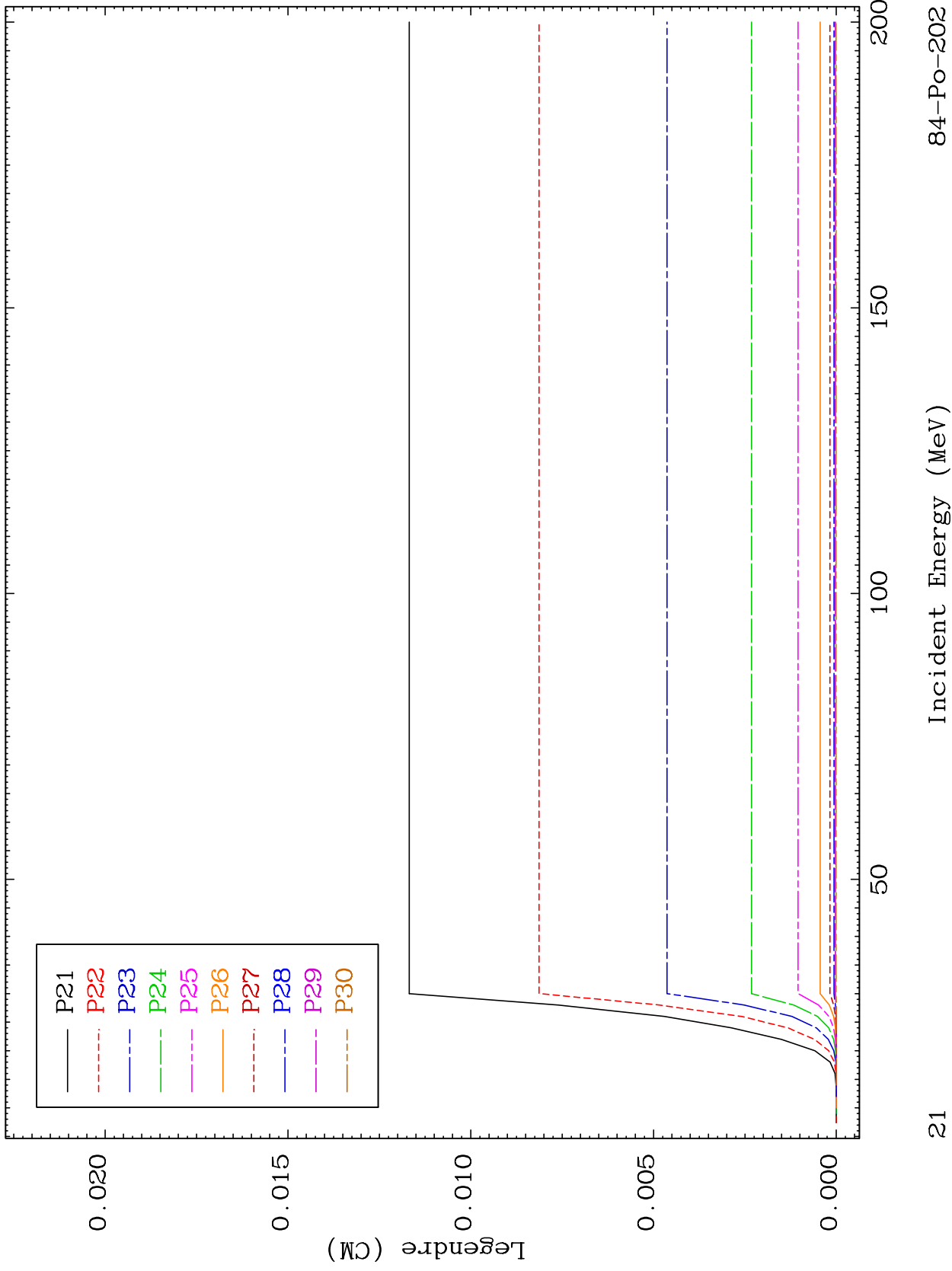
Incident Energy (MeV)

20

MAT 8413

677.2 keV (n,n') Level
Legendre Coefficients

84-Po-202



21

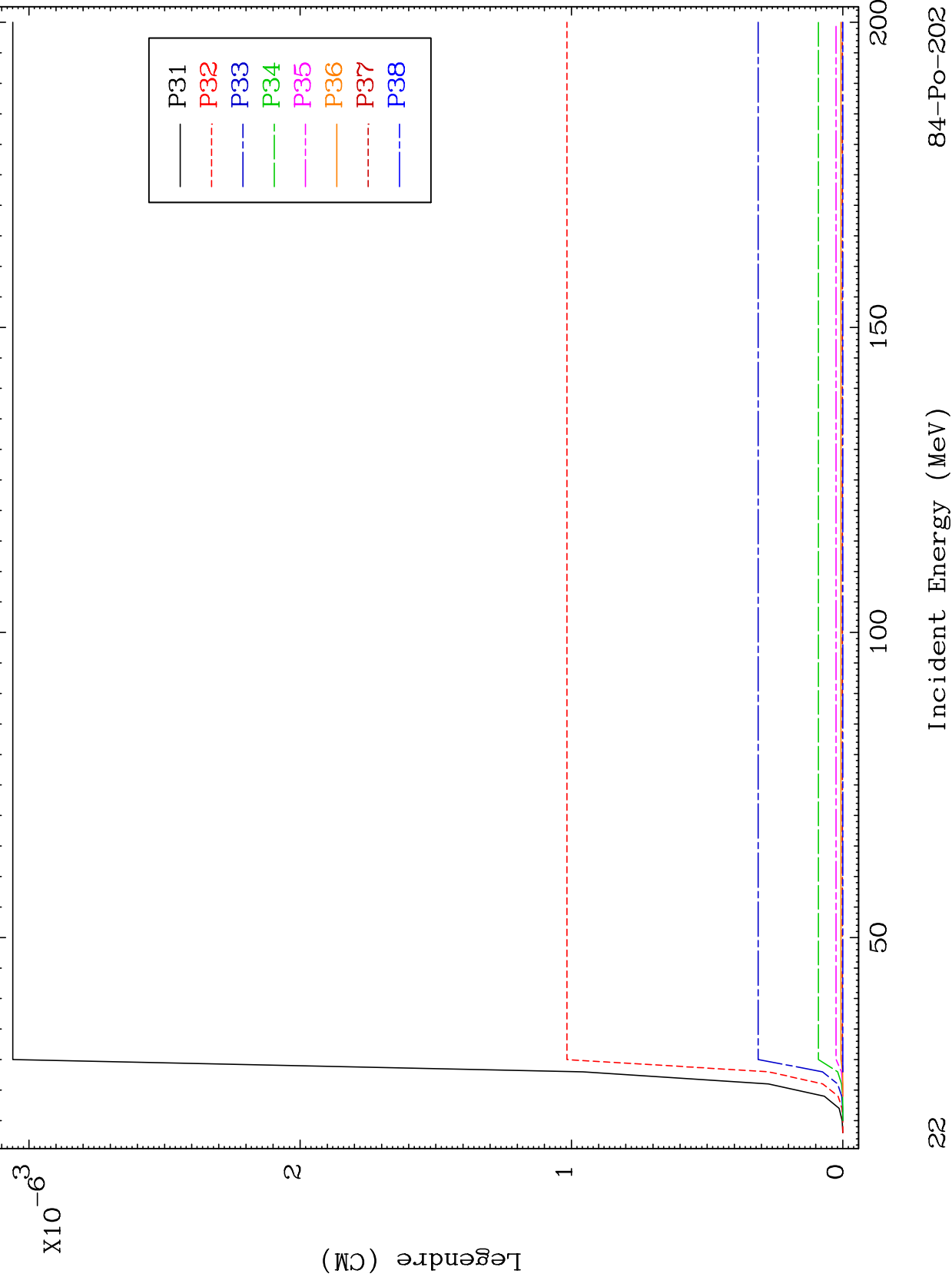
Incident Energy (MeV)

84-Po-202

MAT 8413

677.2 keV (n,n') Level
Legendre Coefficients

84-Po-202



22

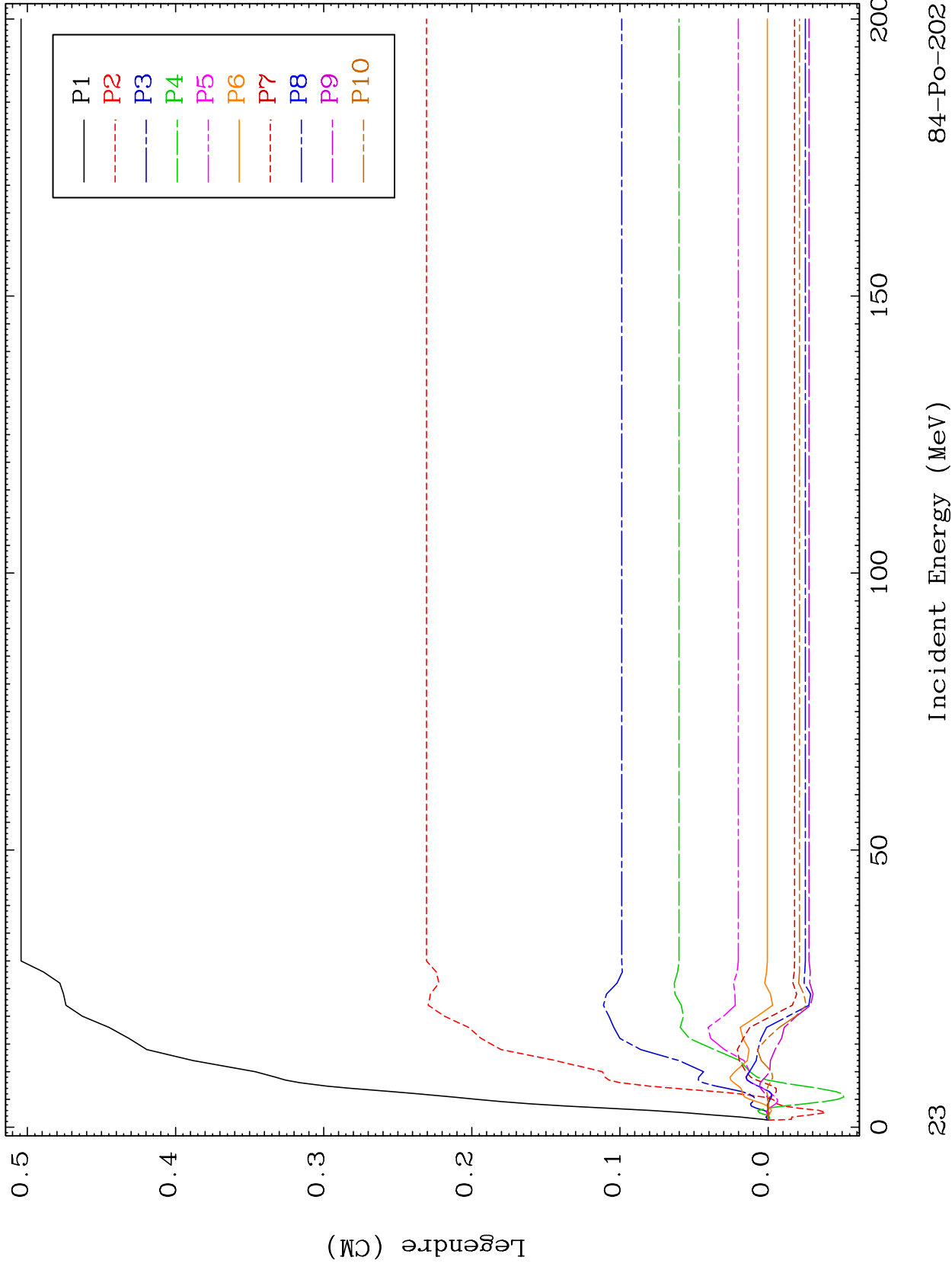
Incident Energy (MeV)

84-Po-202

MAT 8413

1.249 MeV (n,n') Level
Legendre Coefficients

84-Po-202



23

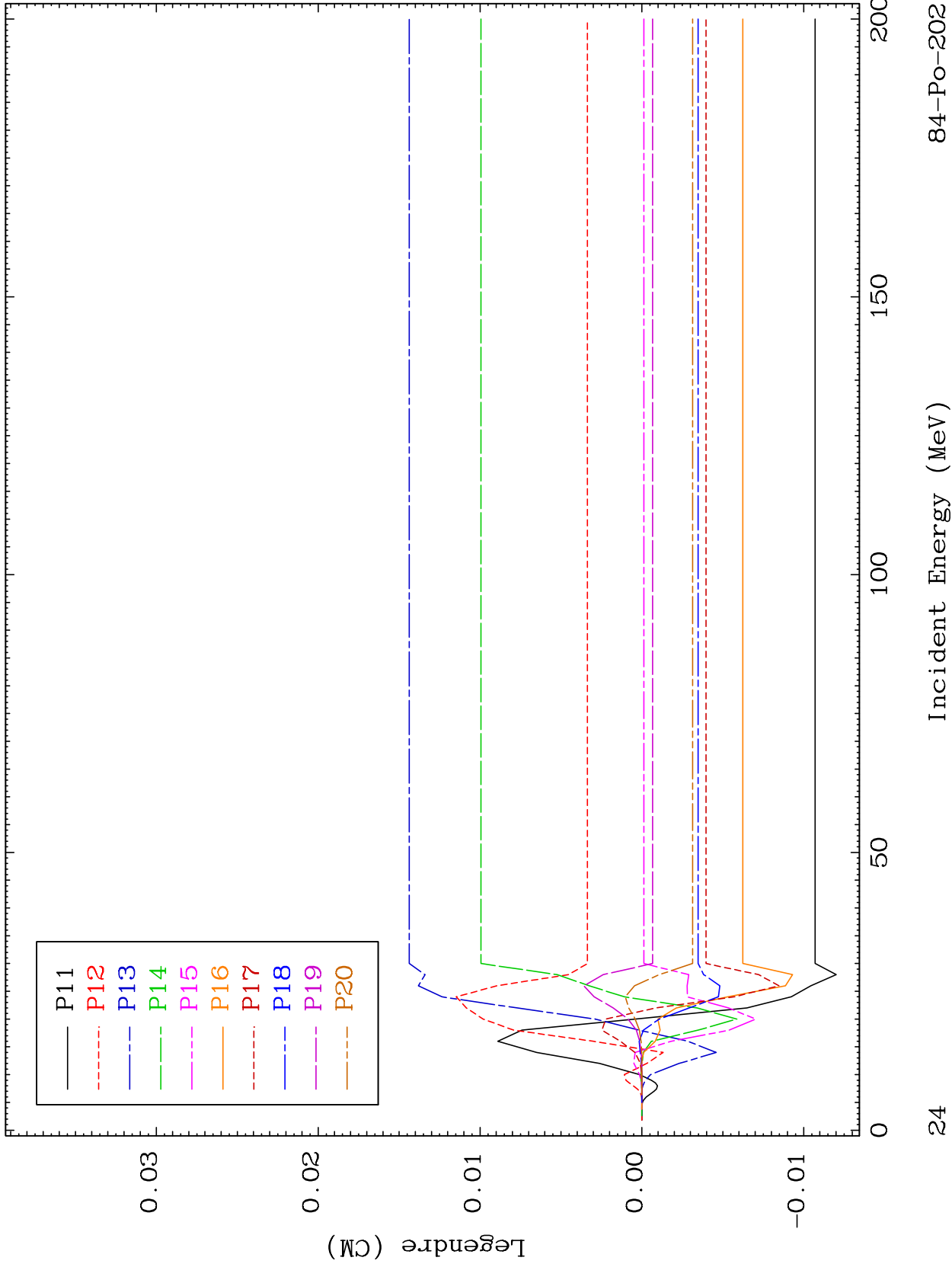
Incident Energy (MeV)

84-Po-202

MAT 8413

1.249 MeV (n,n') Level
Legendre Coefficients

84-Po-202



24

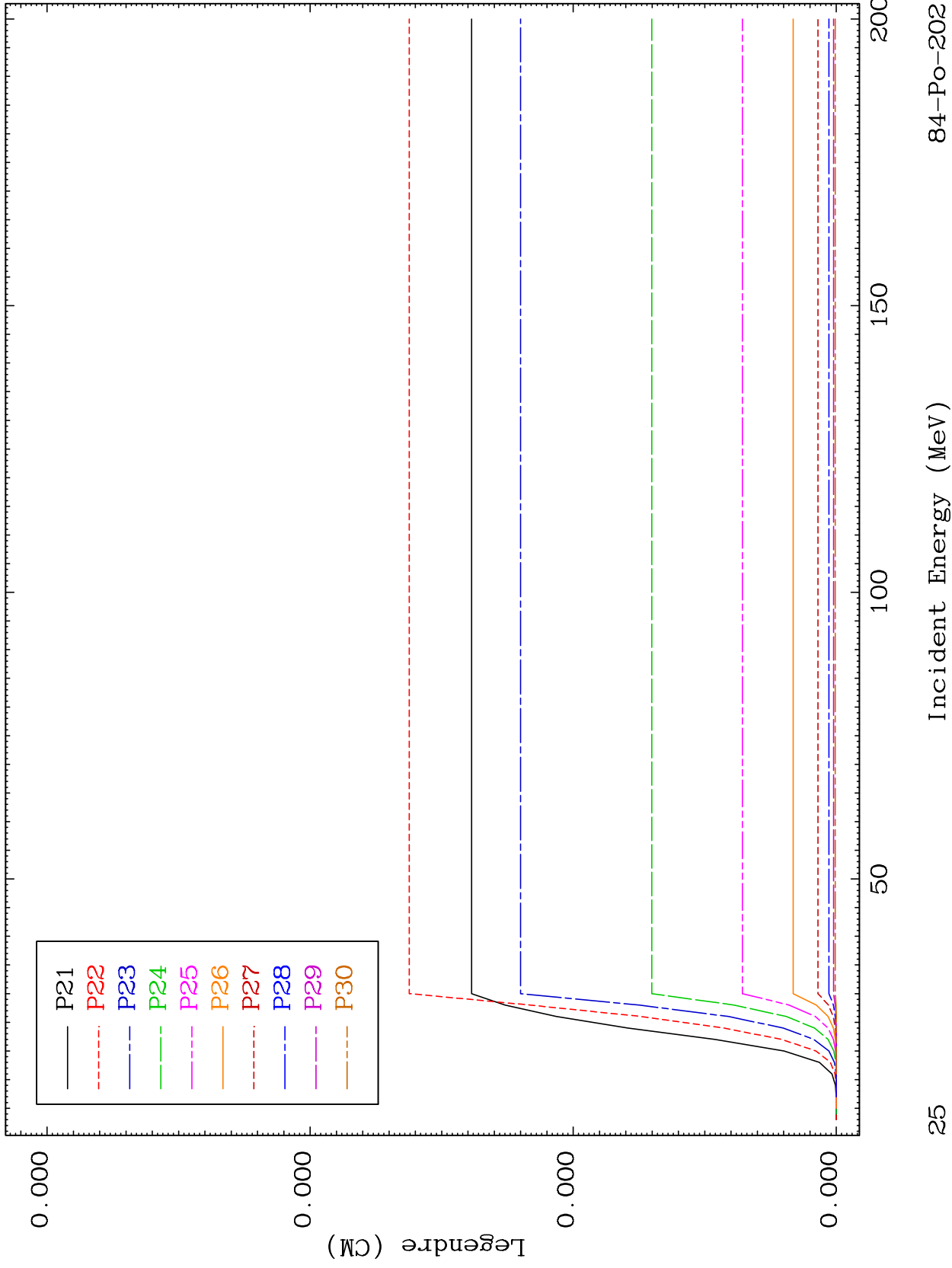
Incident Energy (MeV)

84-Po-202

MAT 8413

1.249 MeV (n,n') Level
Legendre Coefficients

84-Po-202



84-Po-202

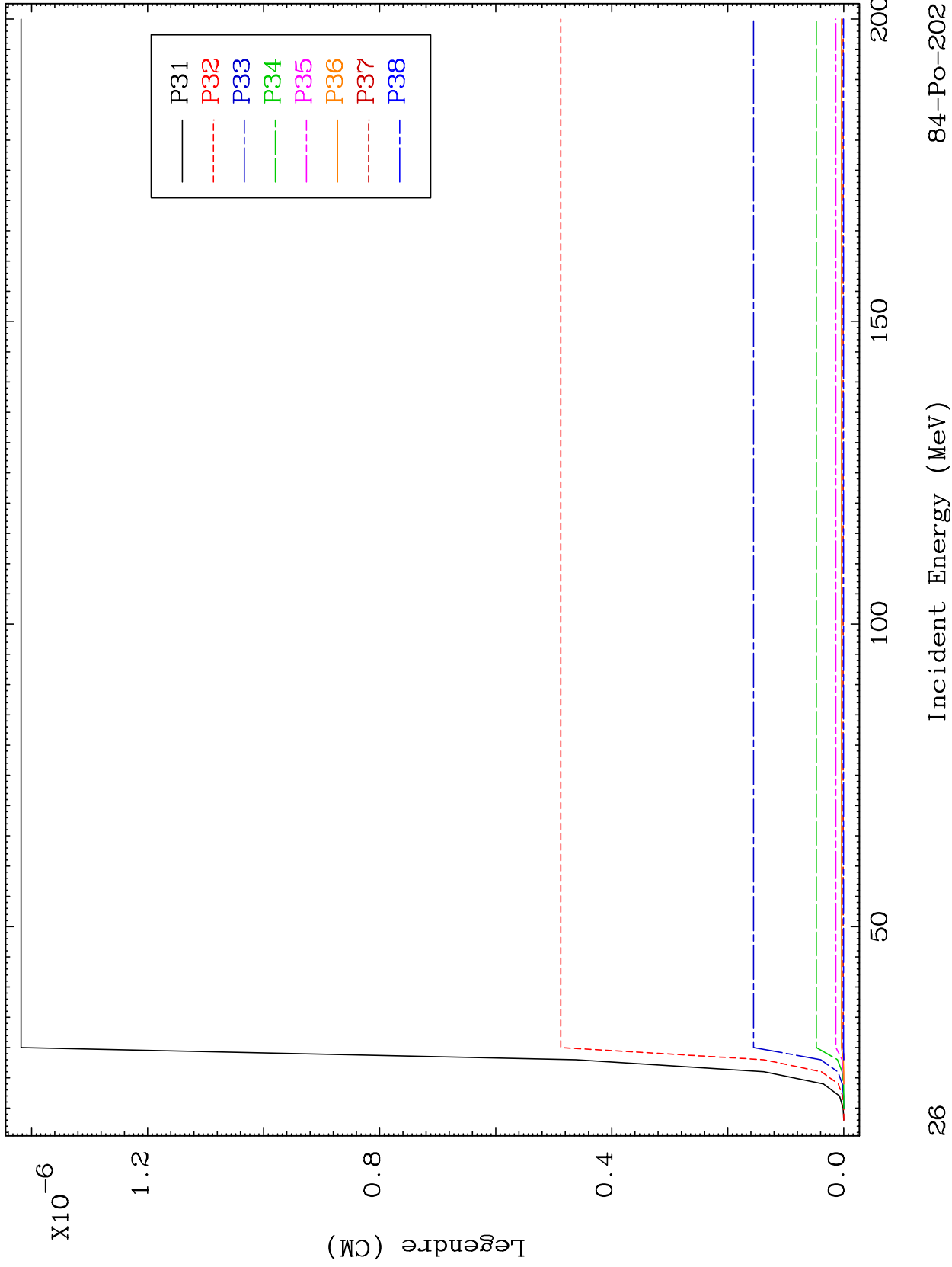
Incident Energy (MeV)

25

MAT 8413

1.249 MeV (n,n') Level
Legendre Coefficients

84-Po-202



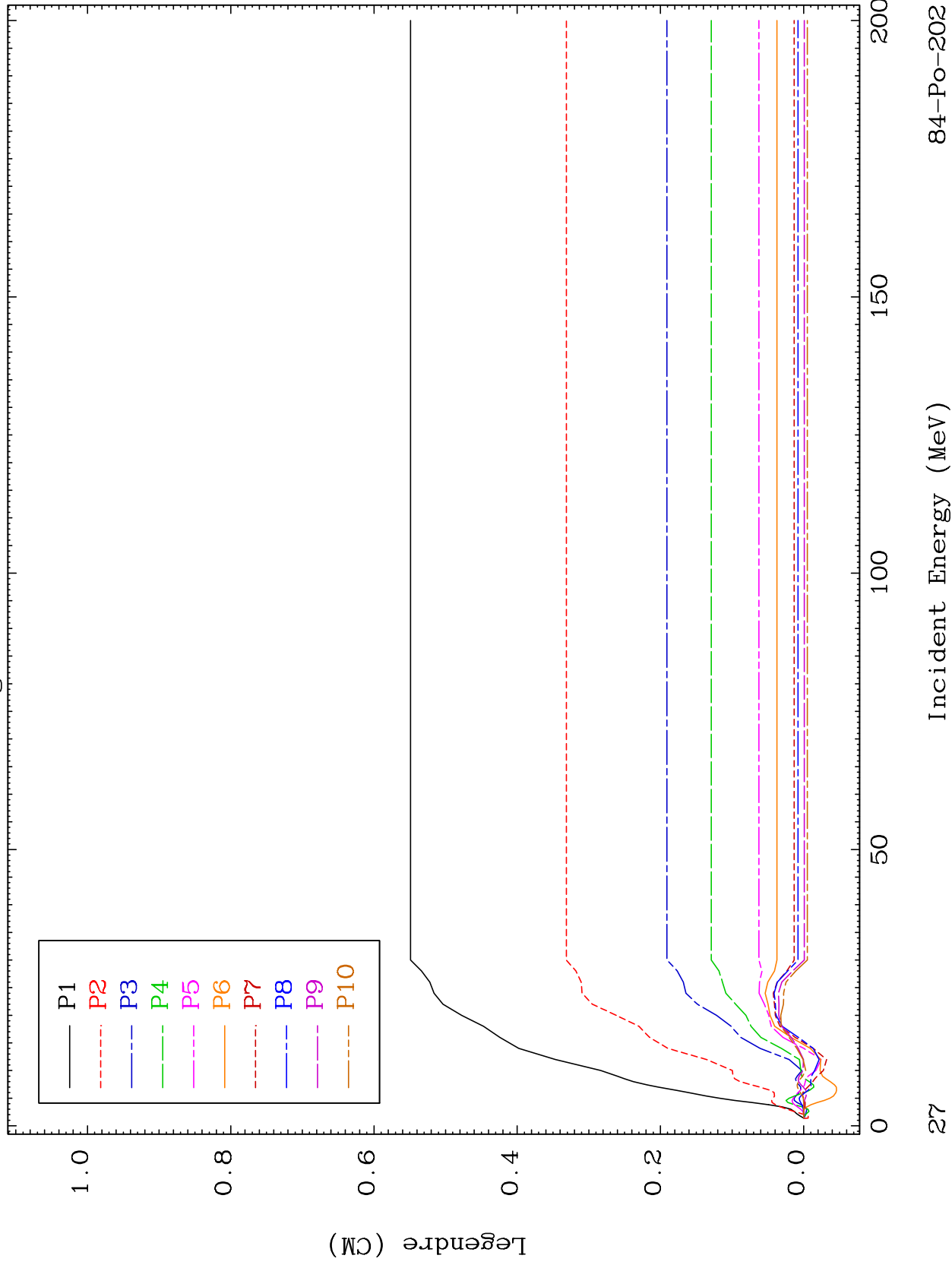
26

84-Po-202

MAT 8413

1.302 MeV (n,n') Level
Legendre Coefficients

84-Po-202



27

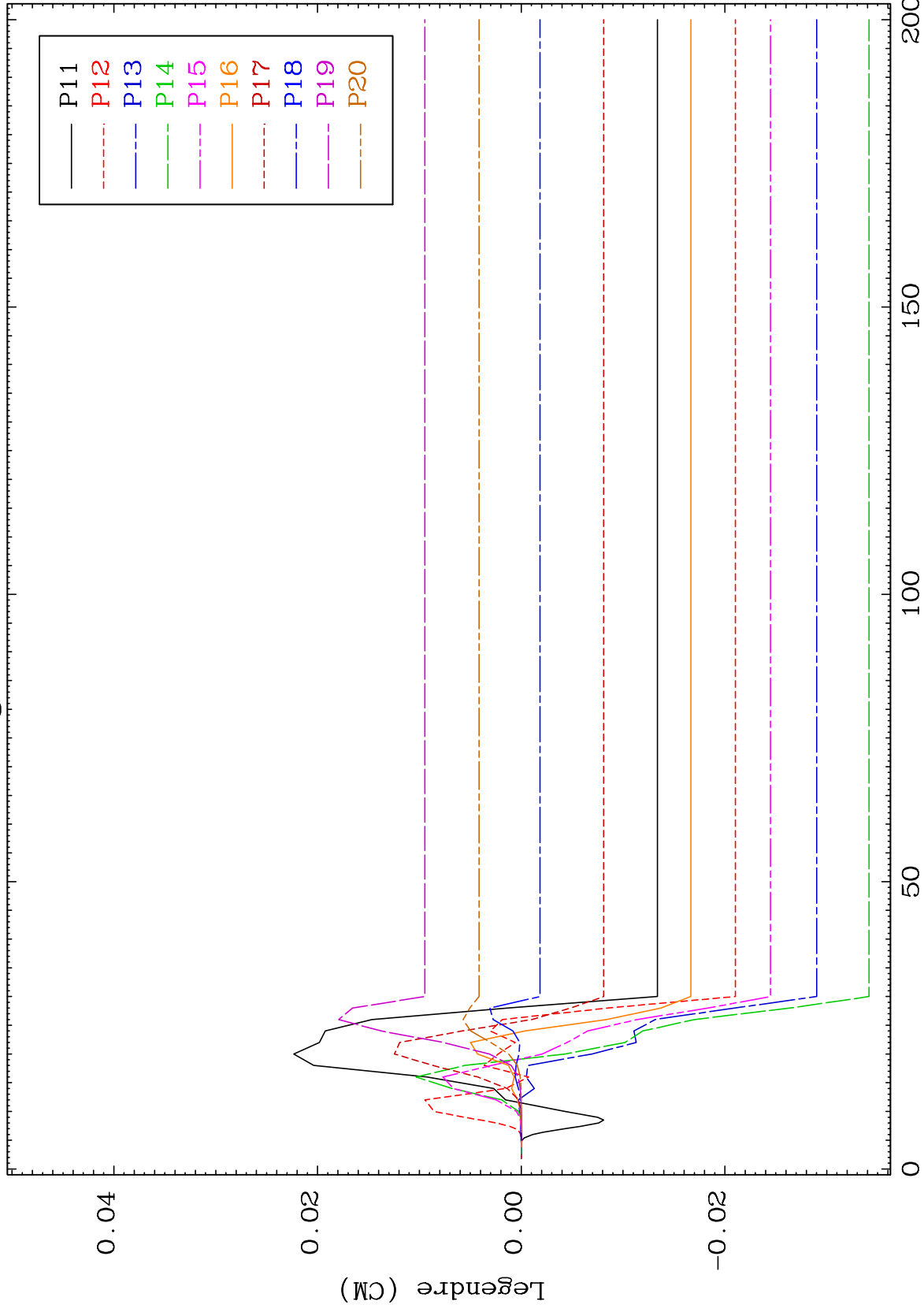
Incident Energy (MeV)

84-Po-202

MAT 8413

1.302 MeV (n,n') Level
Legendre Coefficients

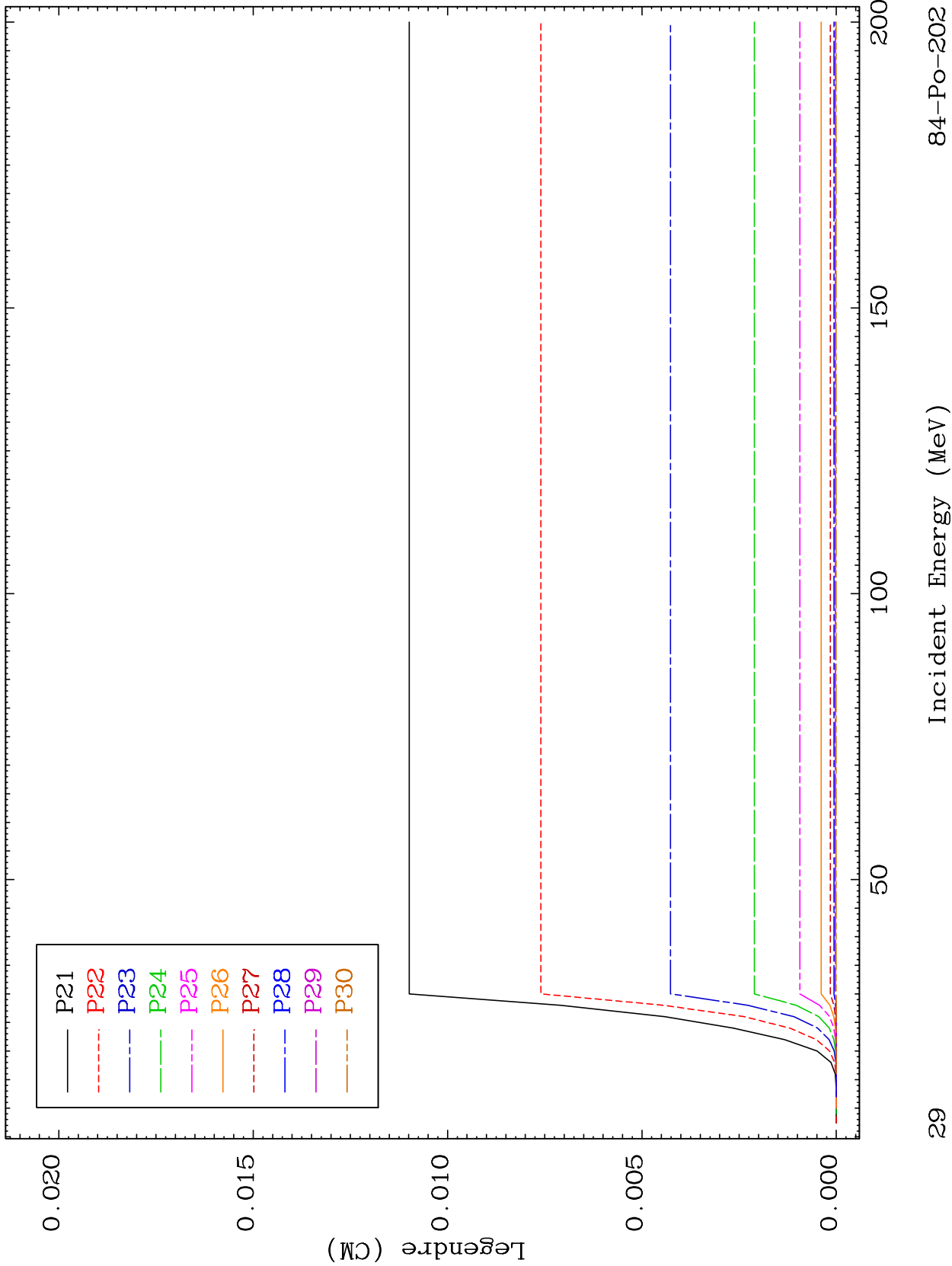
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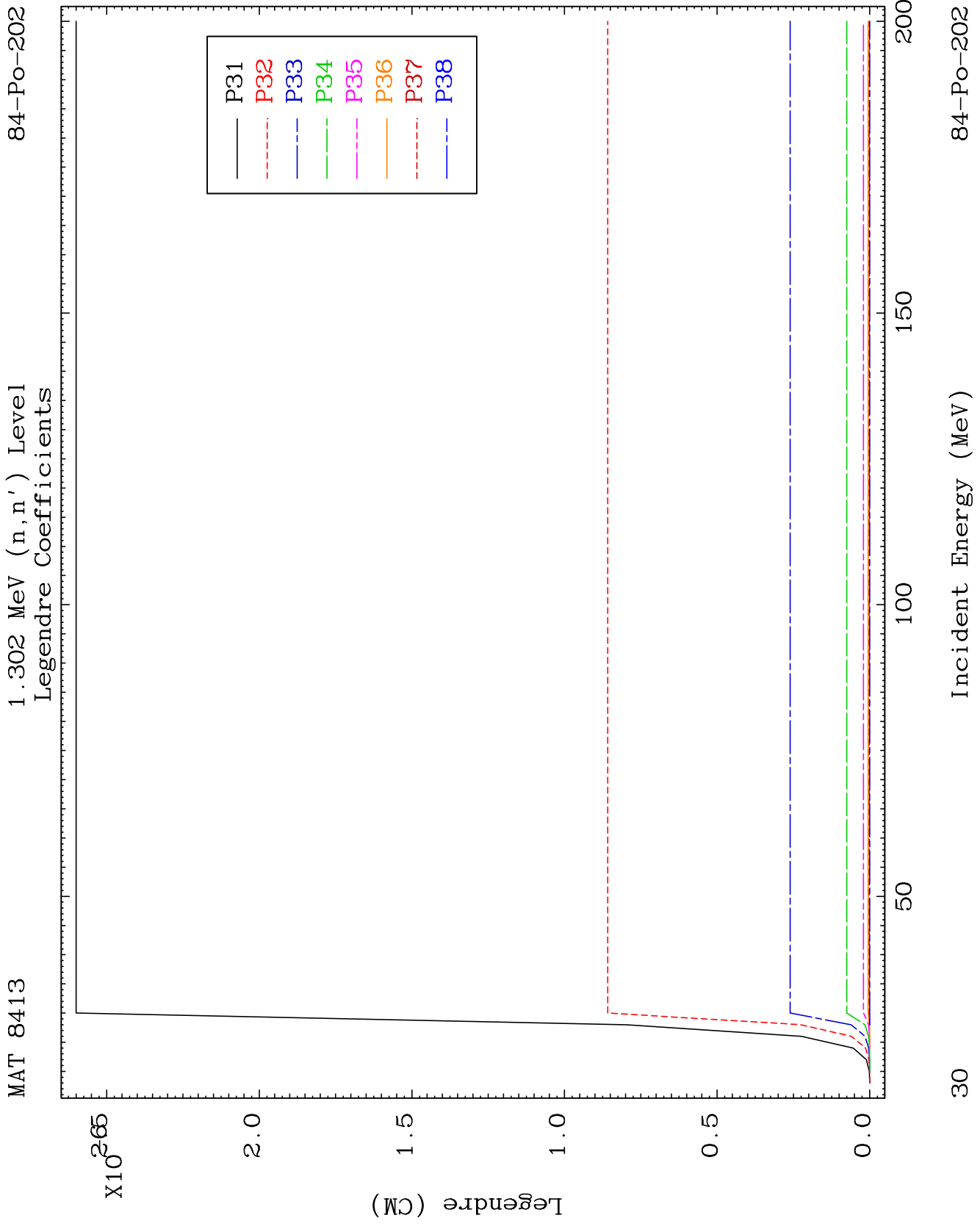


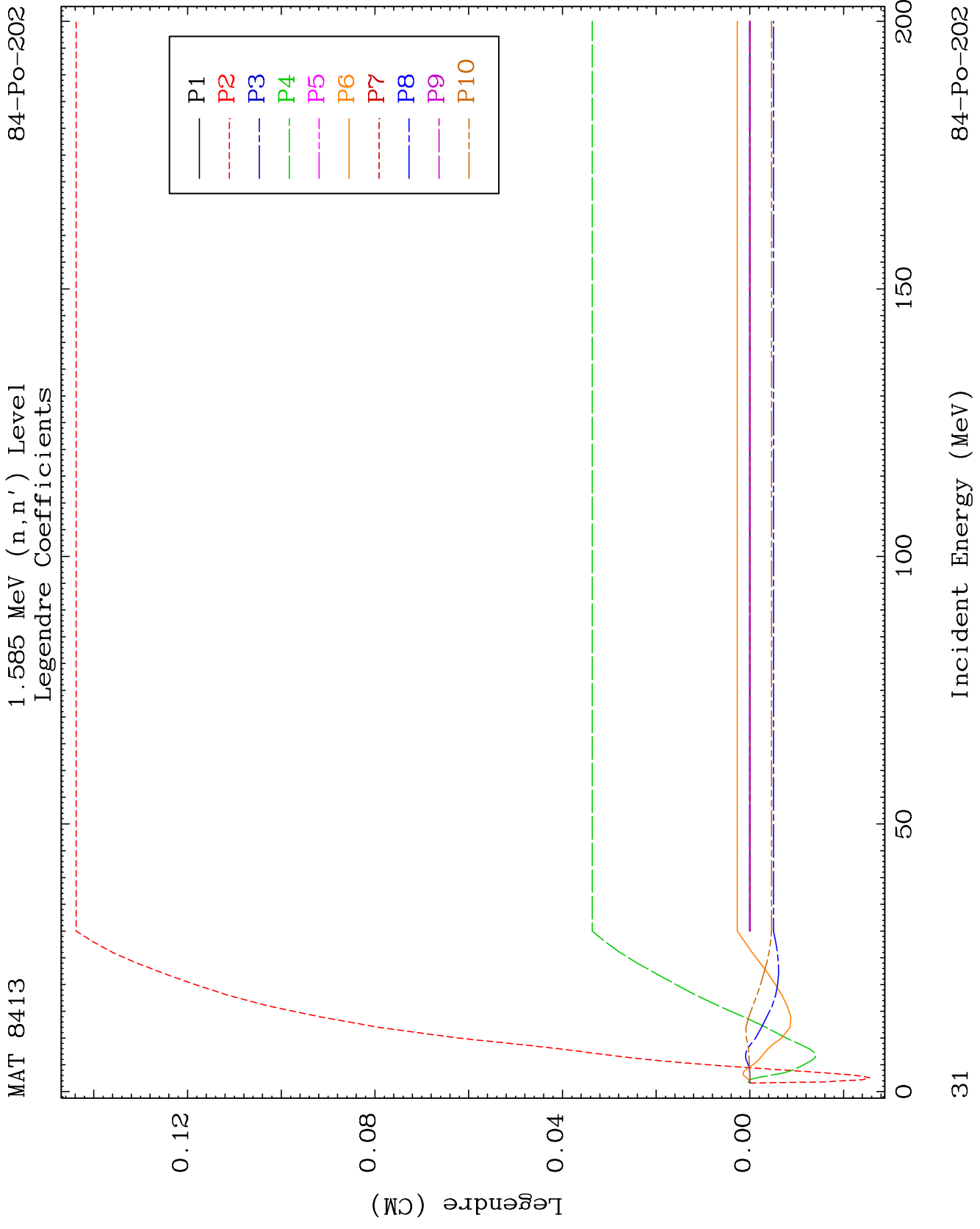
28

Incident Energy (MeV)

84-Po-202



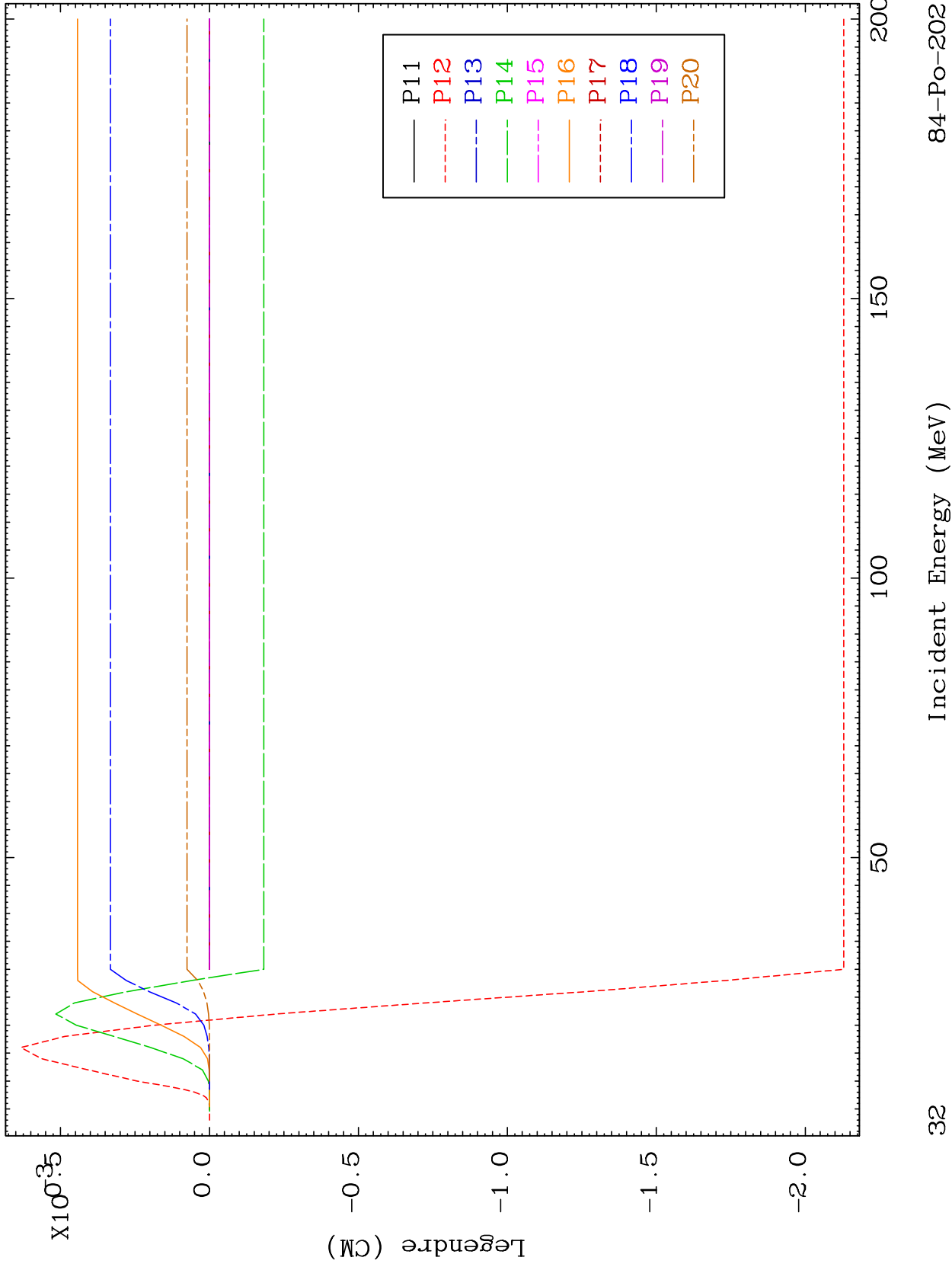




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1.585 MeV (n,n') Level
Legendre Coefficients

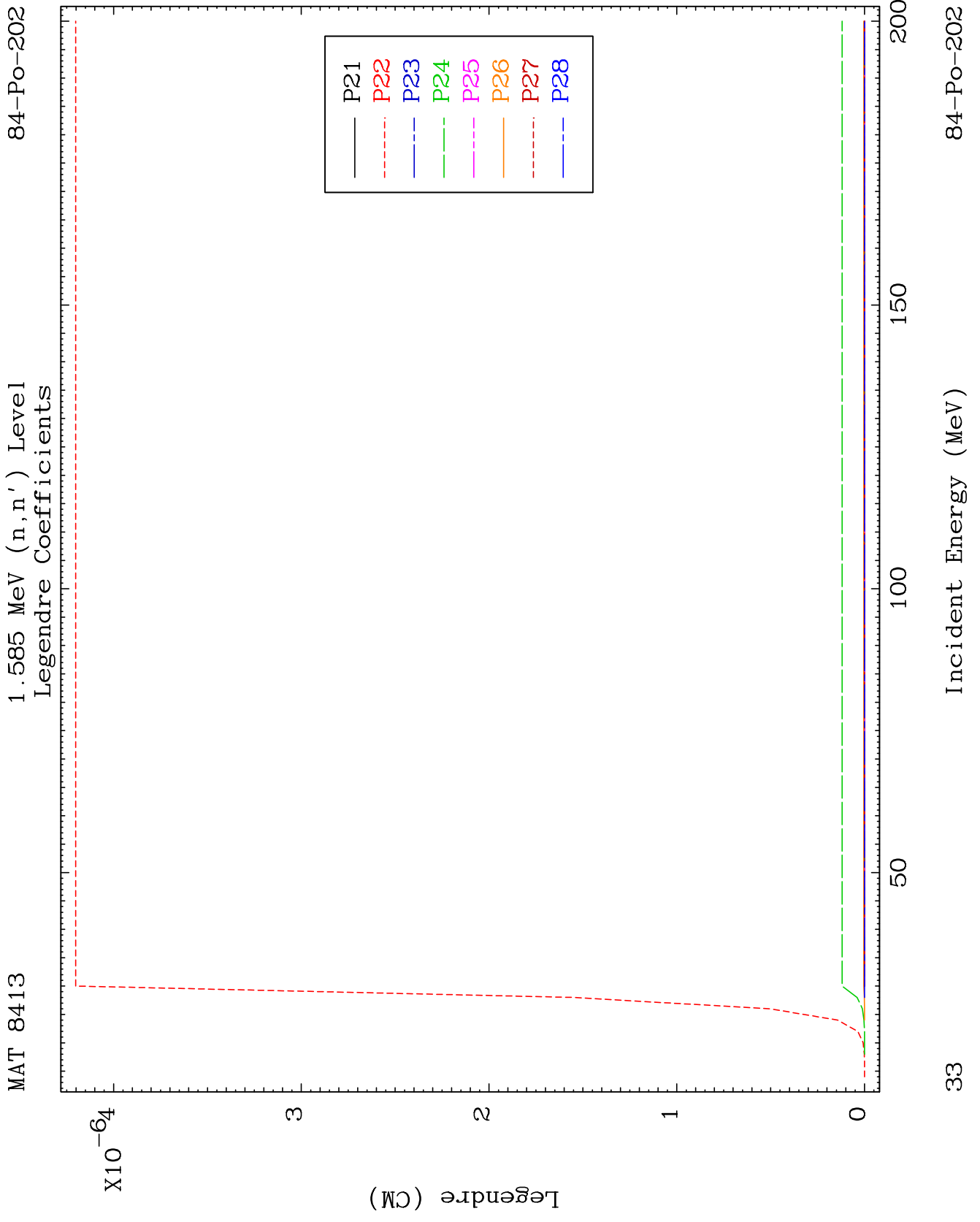
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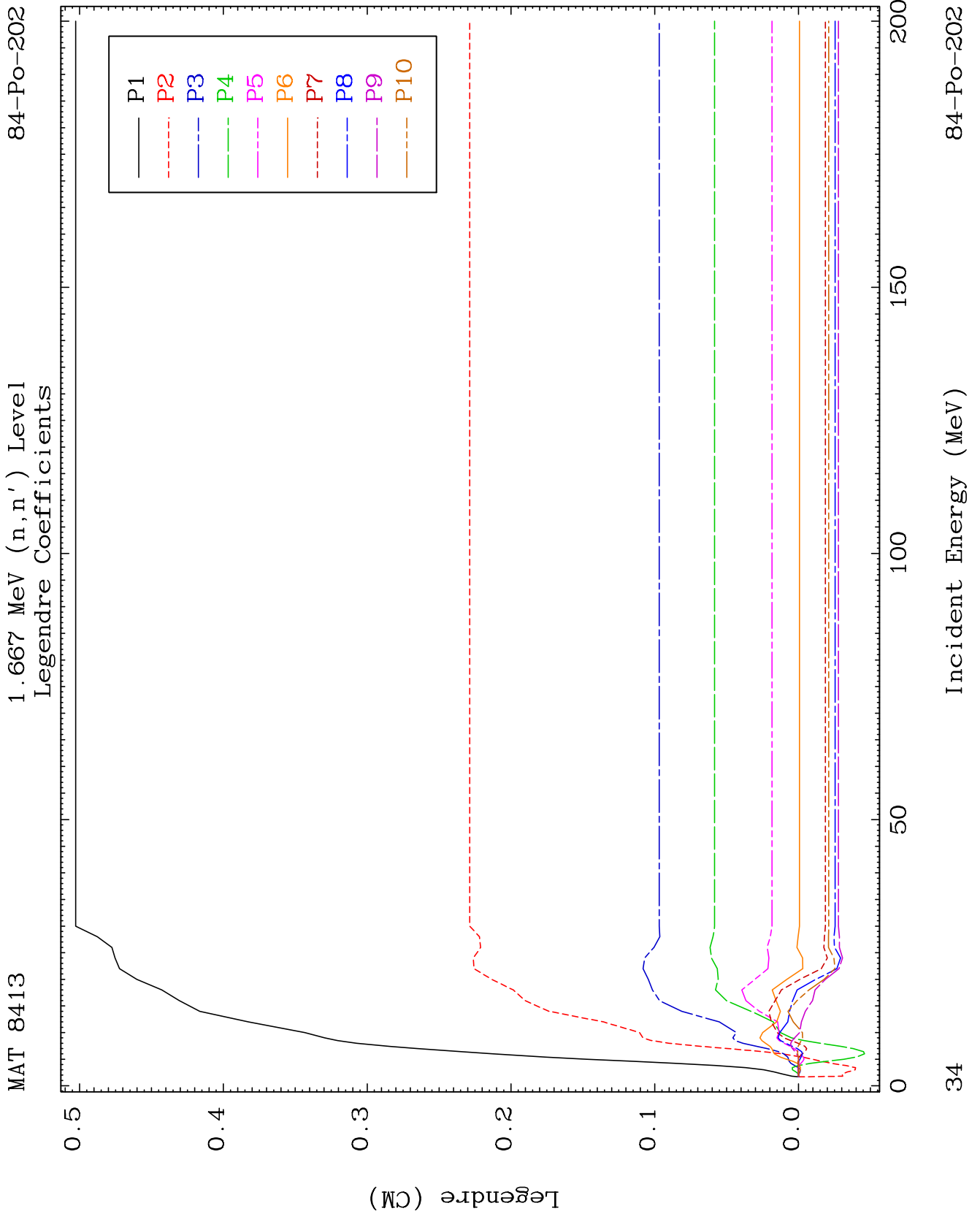


32

Incident Energy (MeV)

84-Po-202

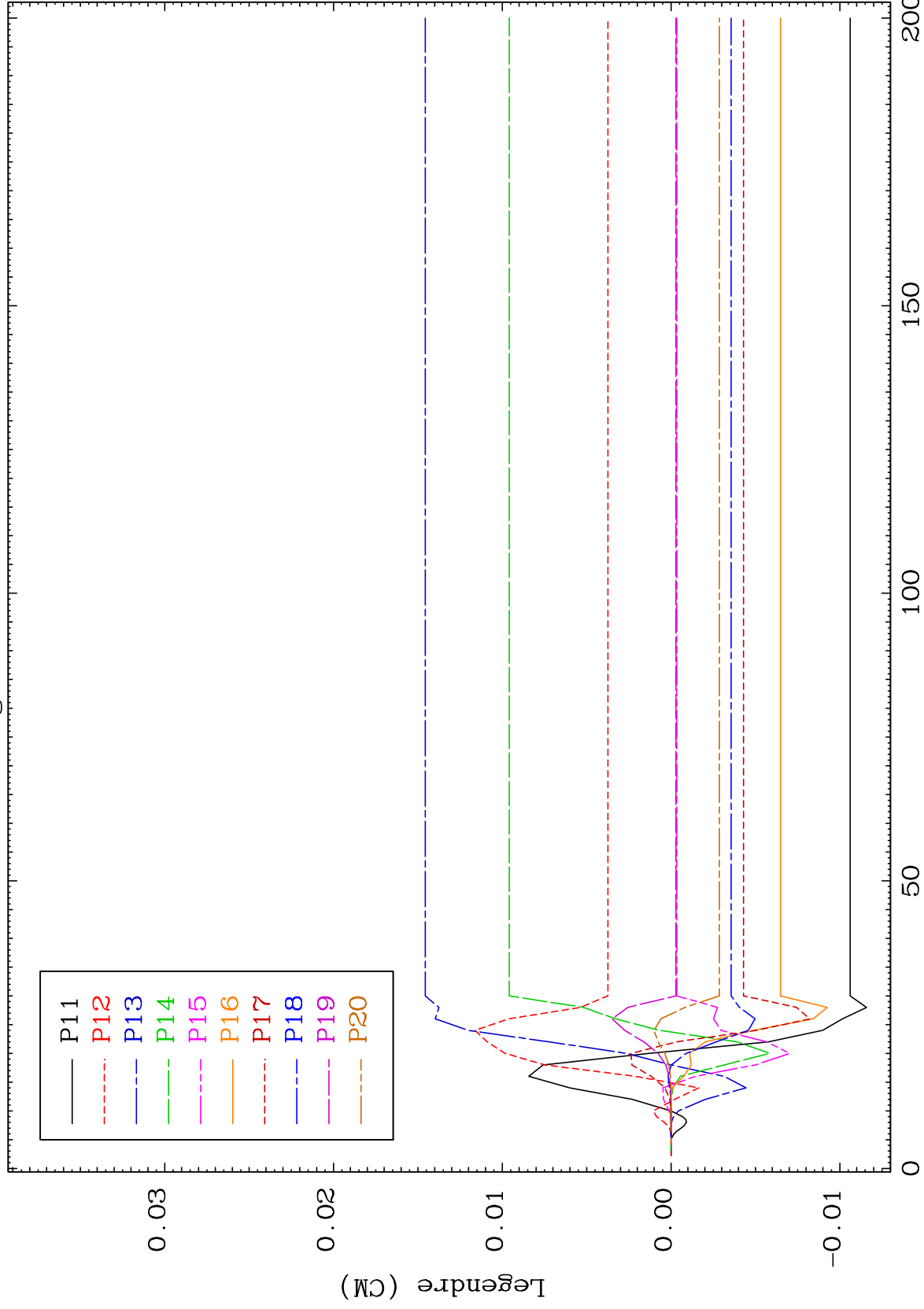




MAT 8413

1.667 MeV (n, n') Level
Legendre Coefficients

84-Po-202



35

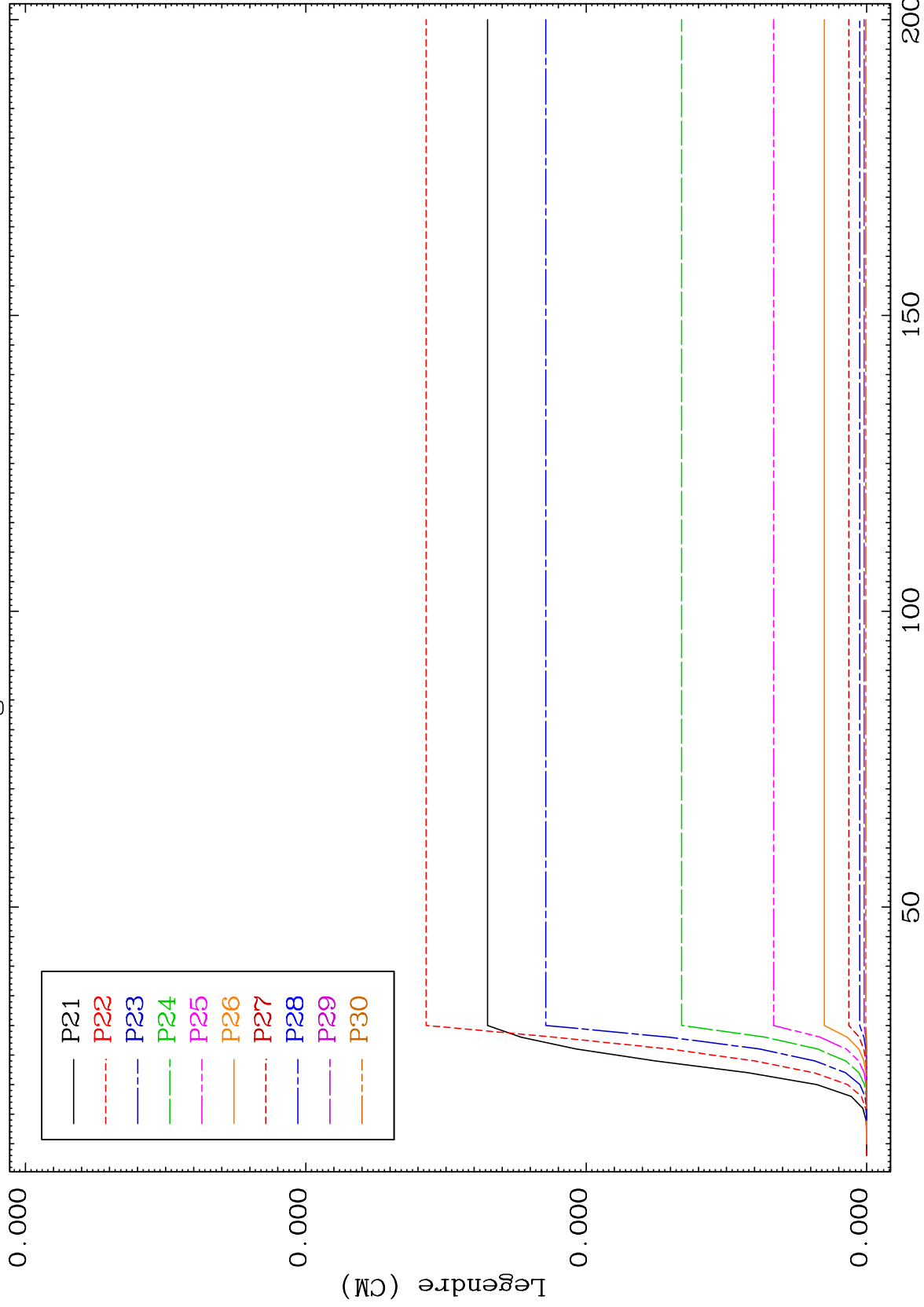
Incident Energy (MeV)

84-Po-202

MAT 8413

1.667 MeV (n,n') Level
Legendre Coefficients

84-Po-202



36

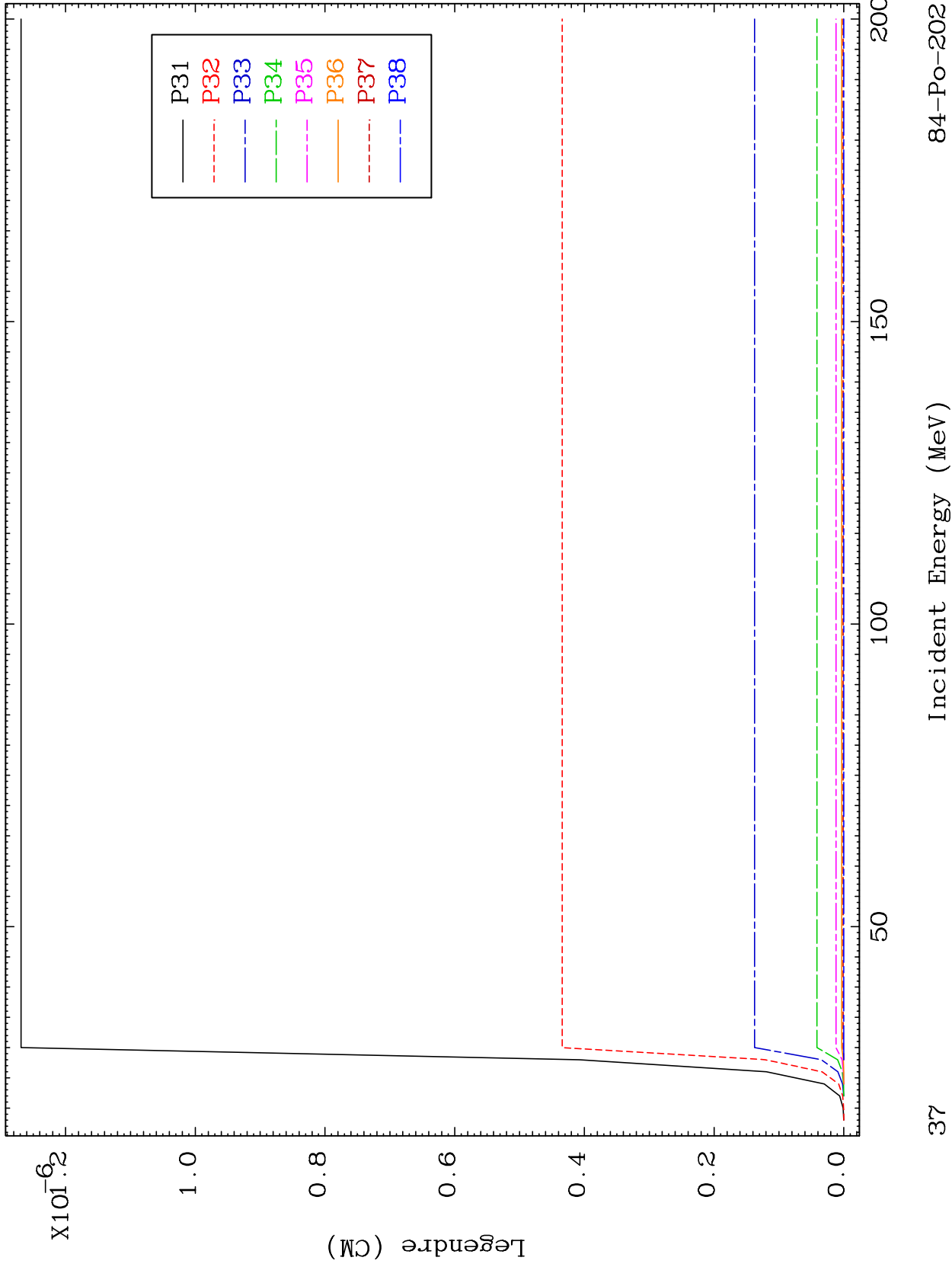
Incident Energy (MeV)

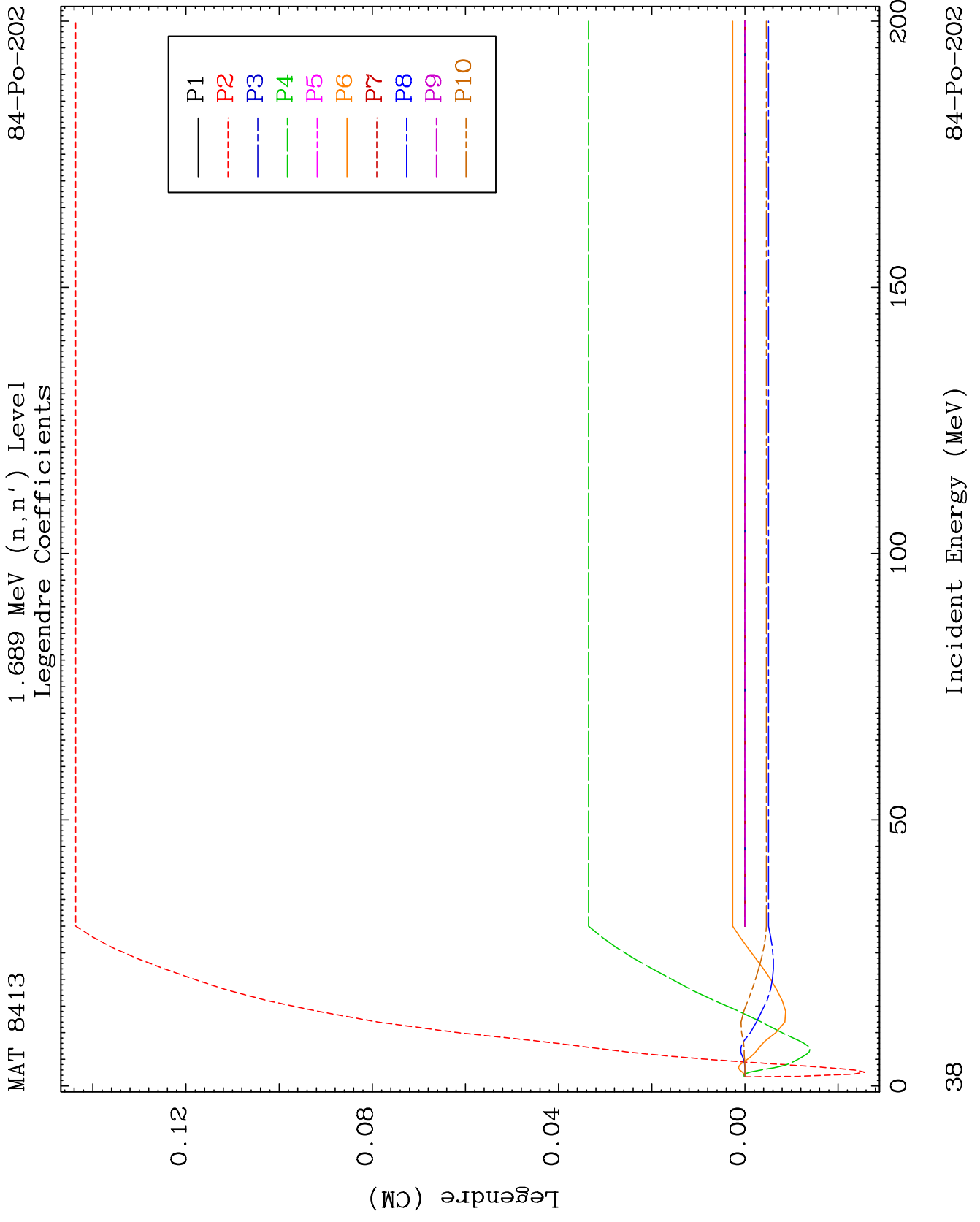
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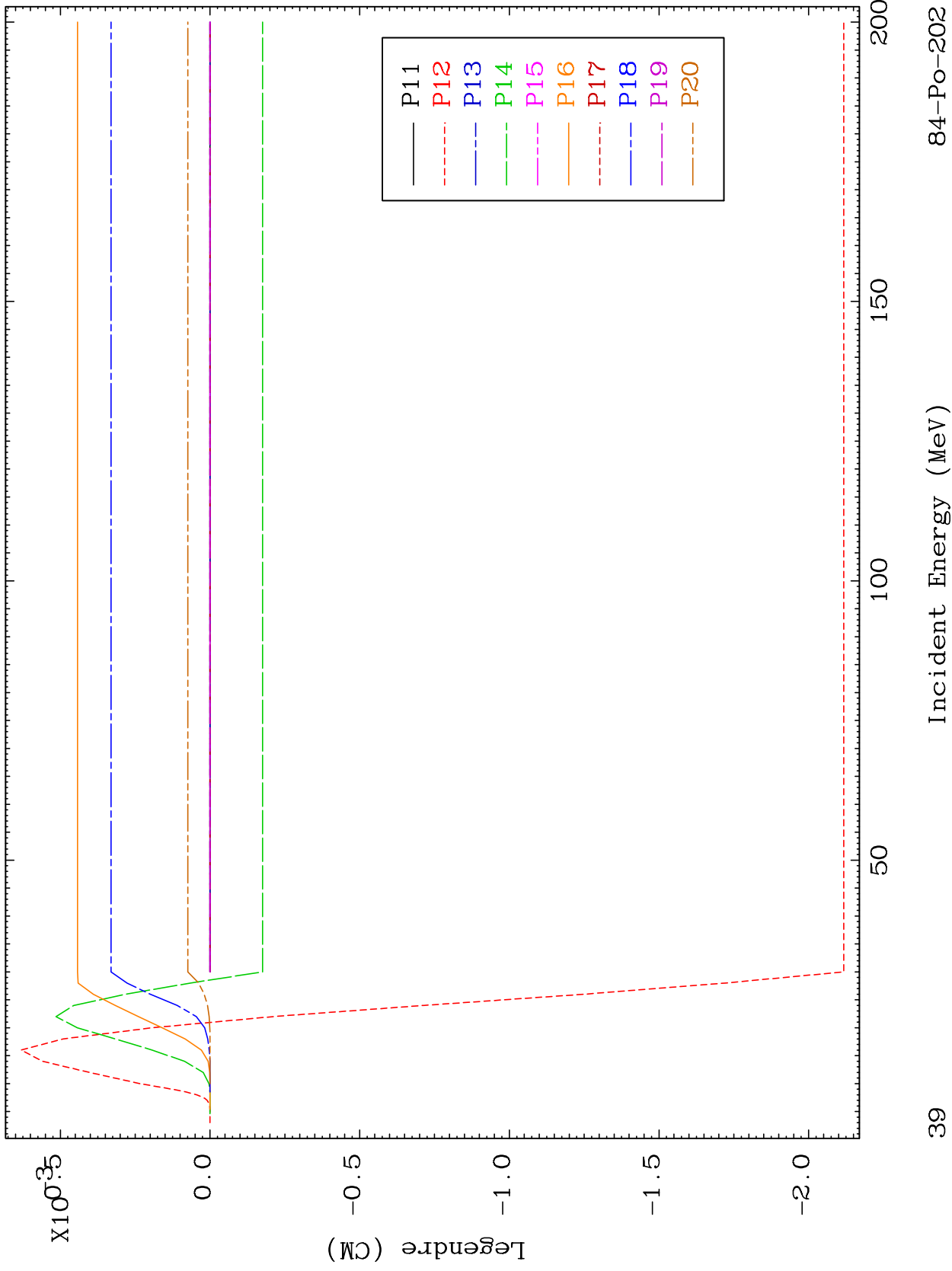
MAT 8413

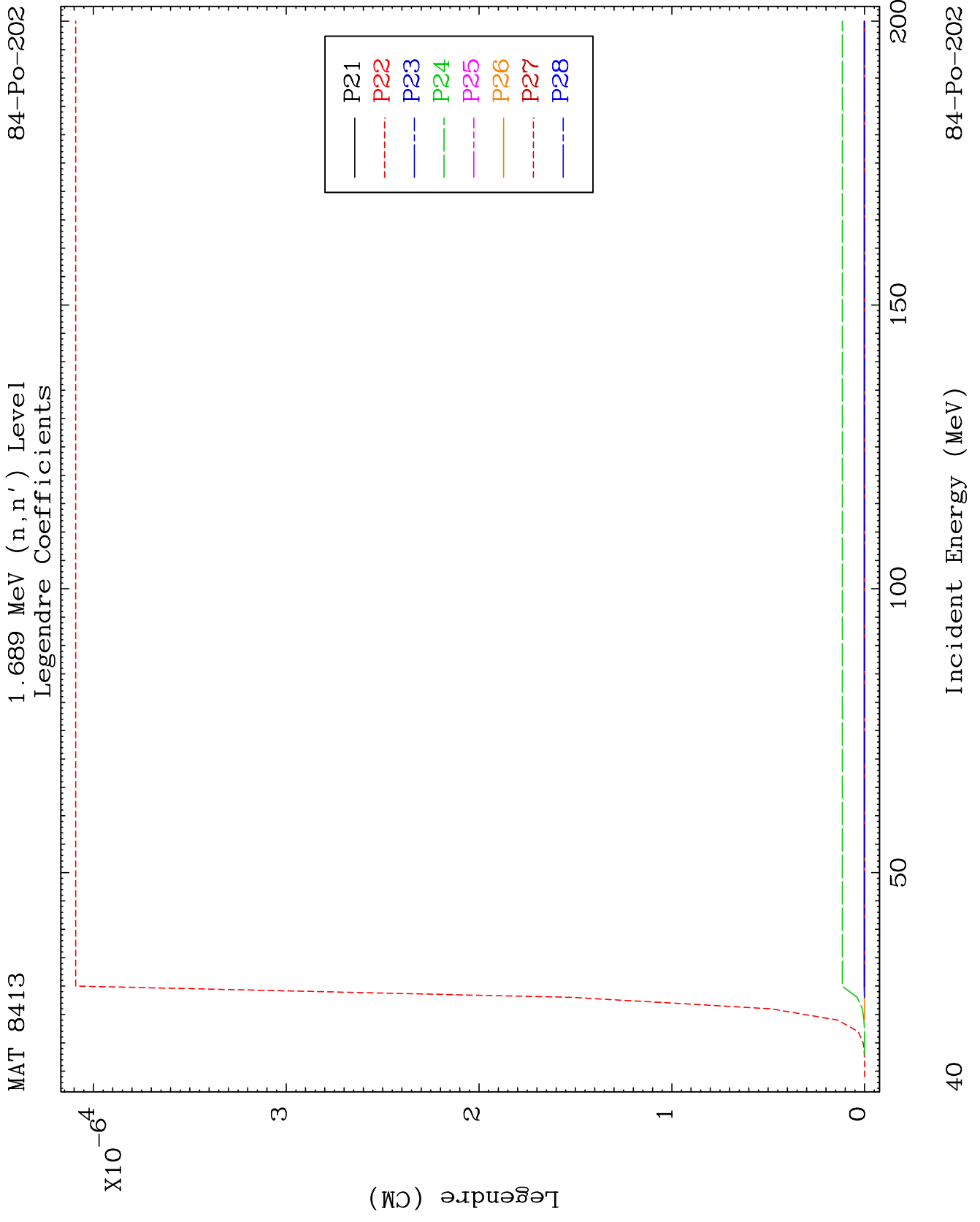
1.667 MeV (n,n') Level
Legendre Coefficients

84-Po-202





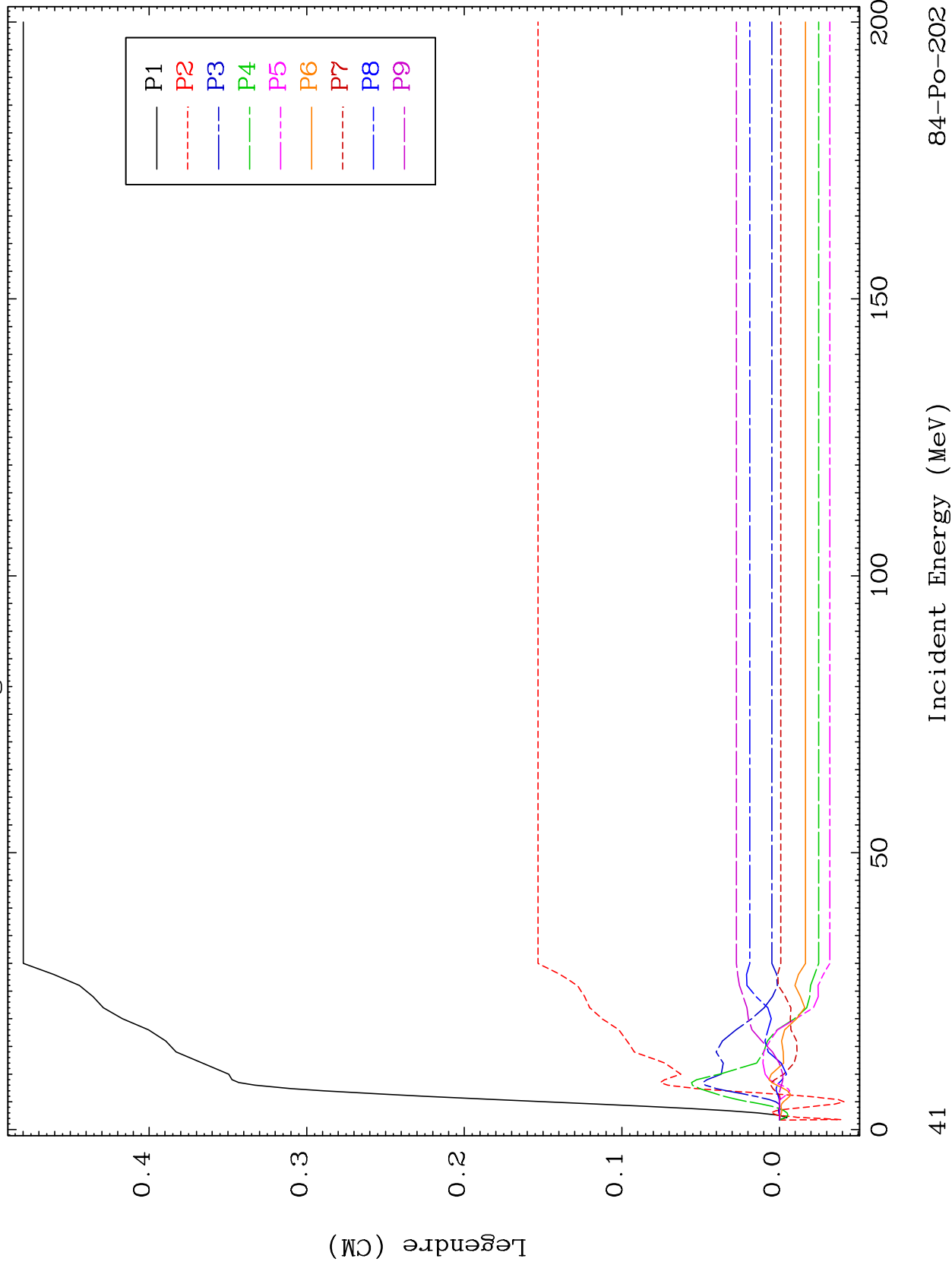




MAT 8413

1.691 MeV (n,n') Level
Legendre Coefficients

84-Po-202



84-Po-202

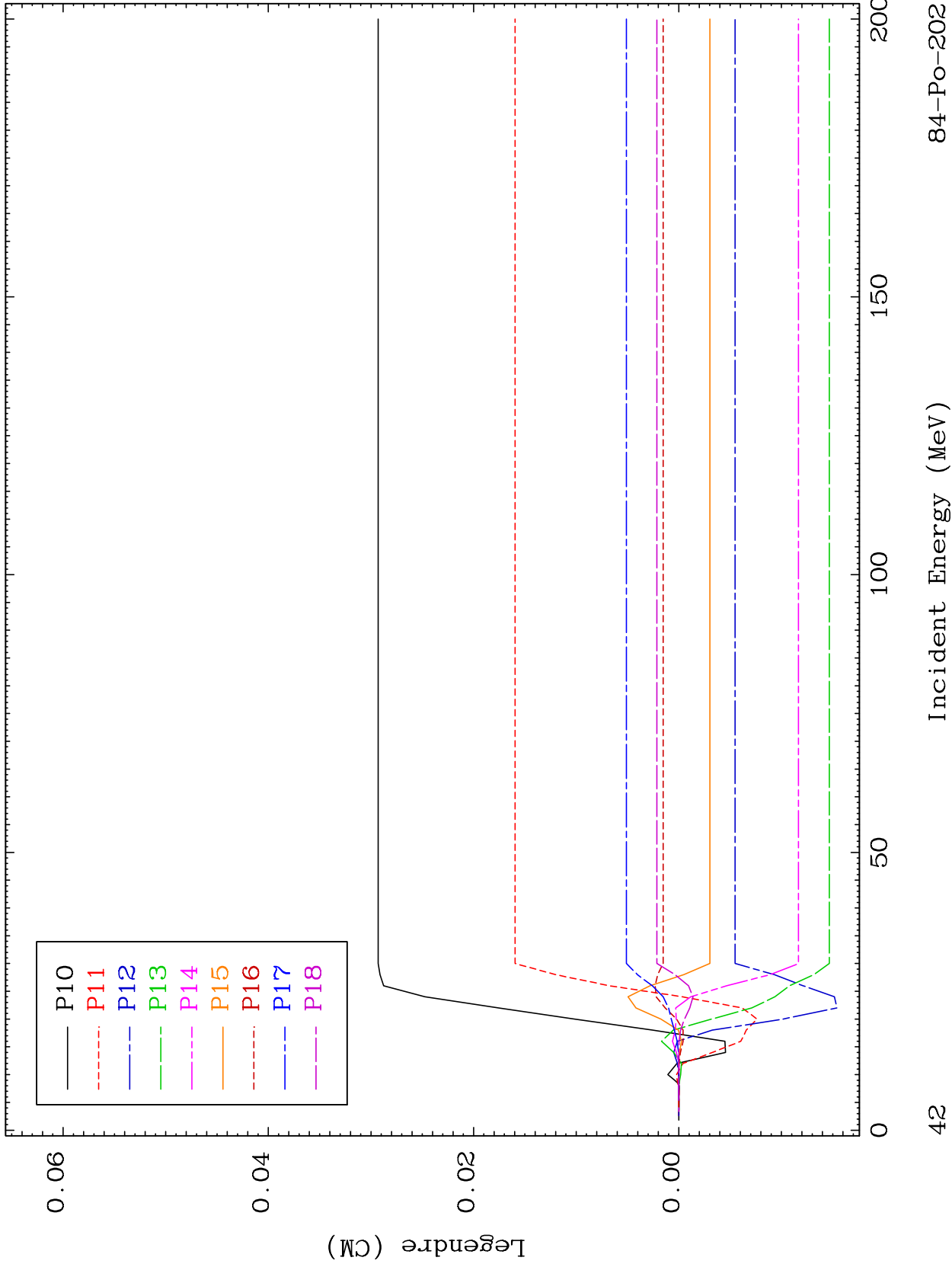
Incident Energy (MeV)

41

MAT 8413

1.691 MeV (n,n') Level
Legendre Coefficients

84-Po-202



84-Po-202

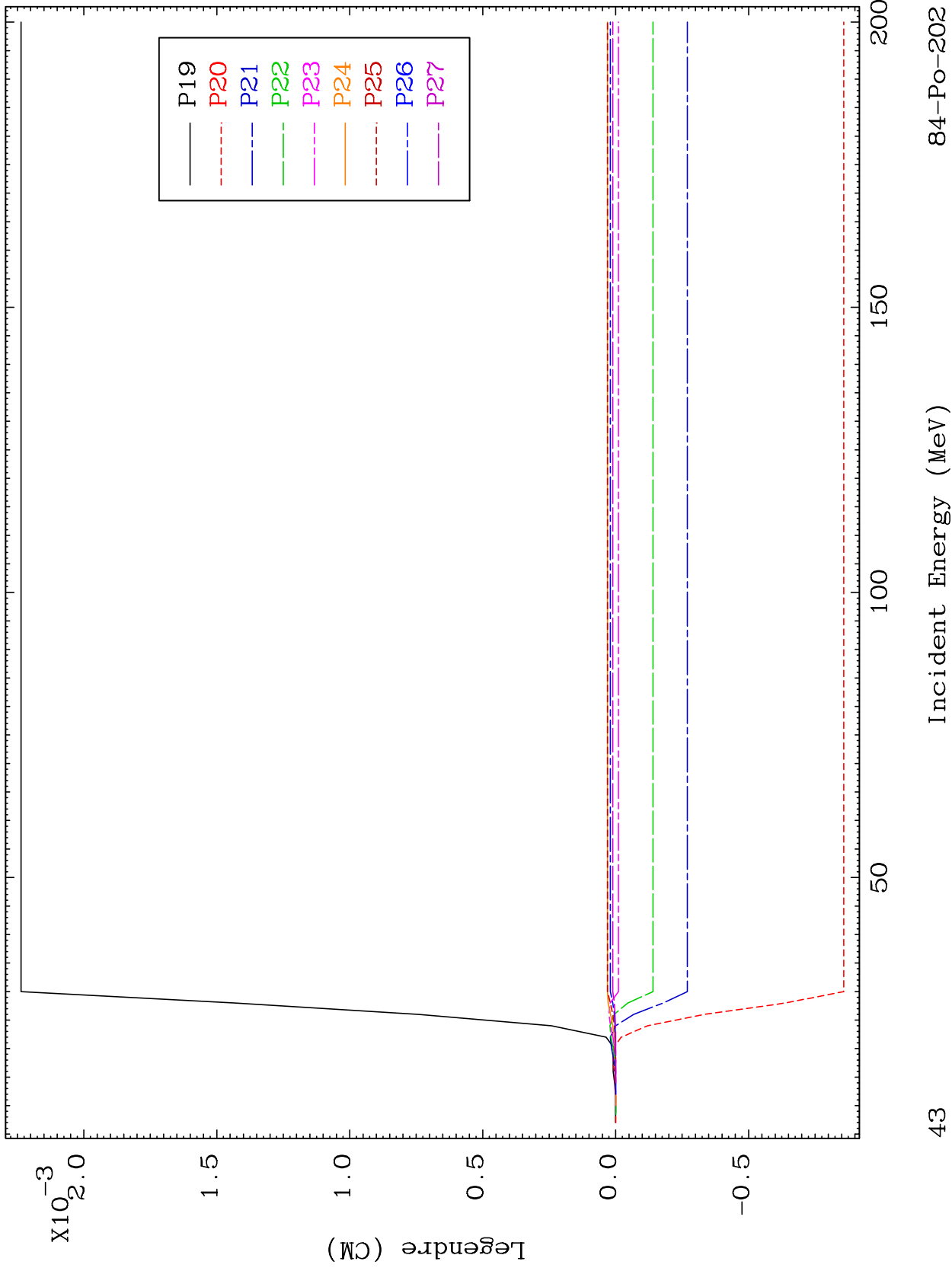
Incident Energy (MeV)

42

MAT 8413

1.691 MeV (n, n') Level
Legendre Coefficients

84-Po-202



43

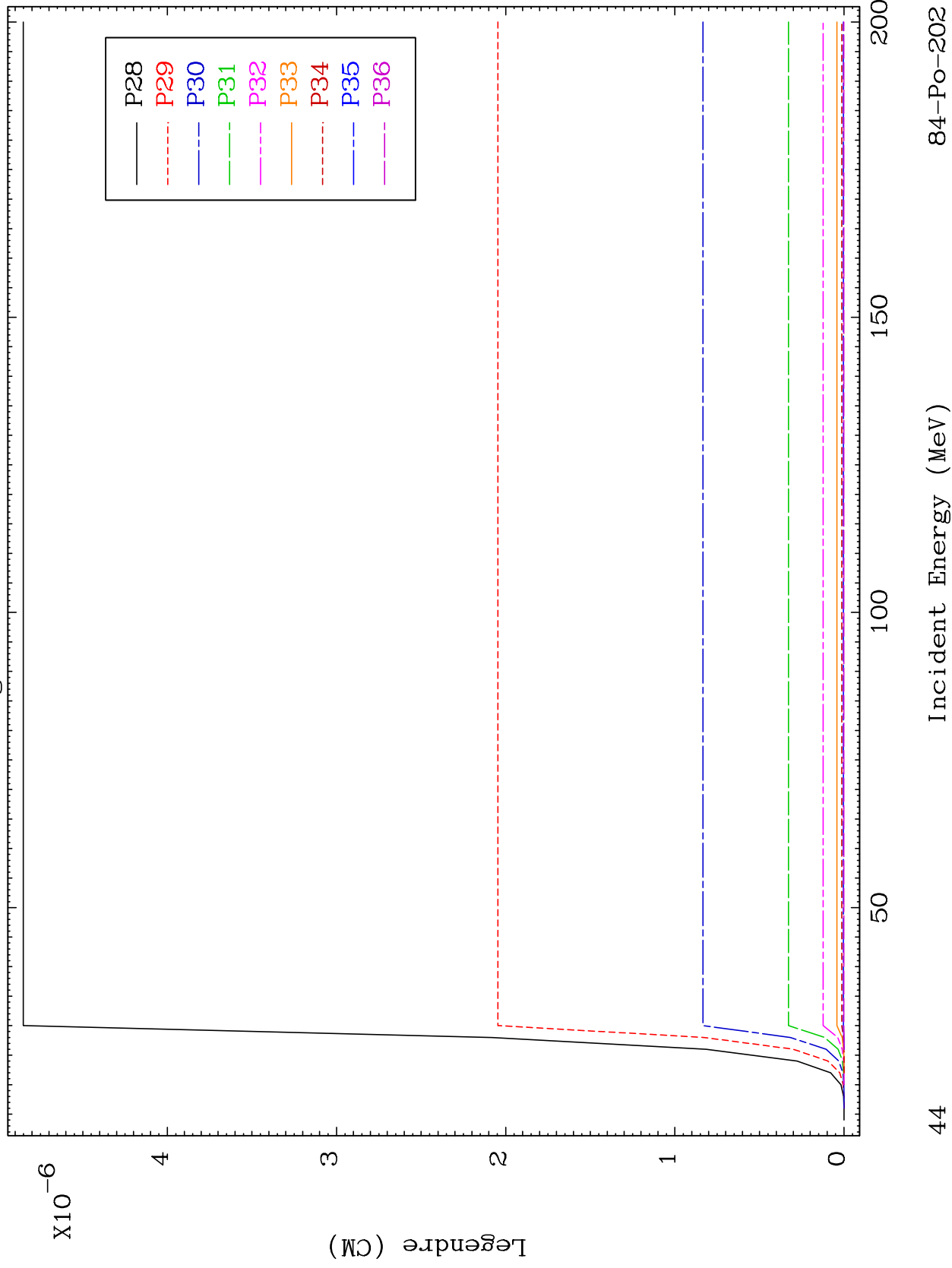
Incident Energy (MeV)

84-Po-202

MAT 8413

1.691 MeV (n,n') Level
Legendre Coefficients

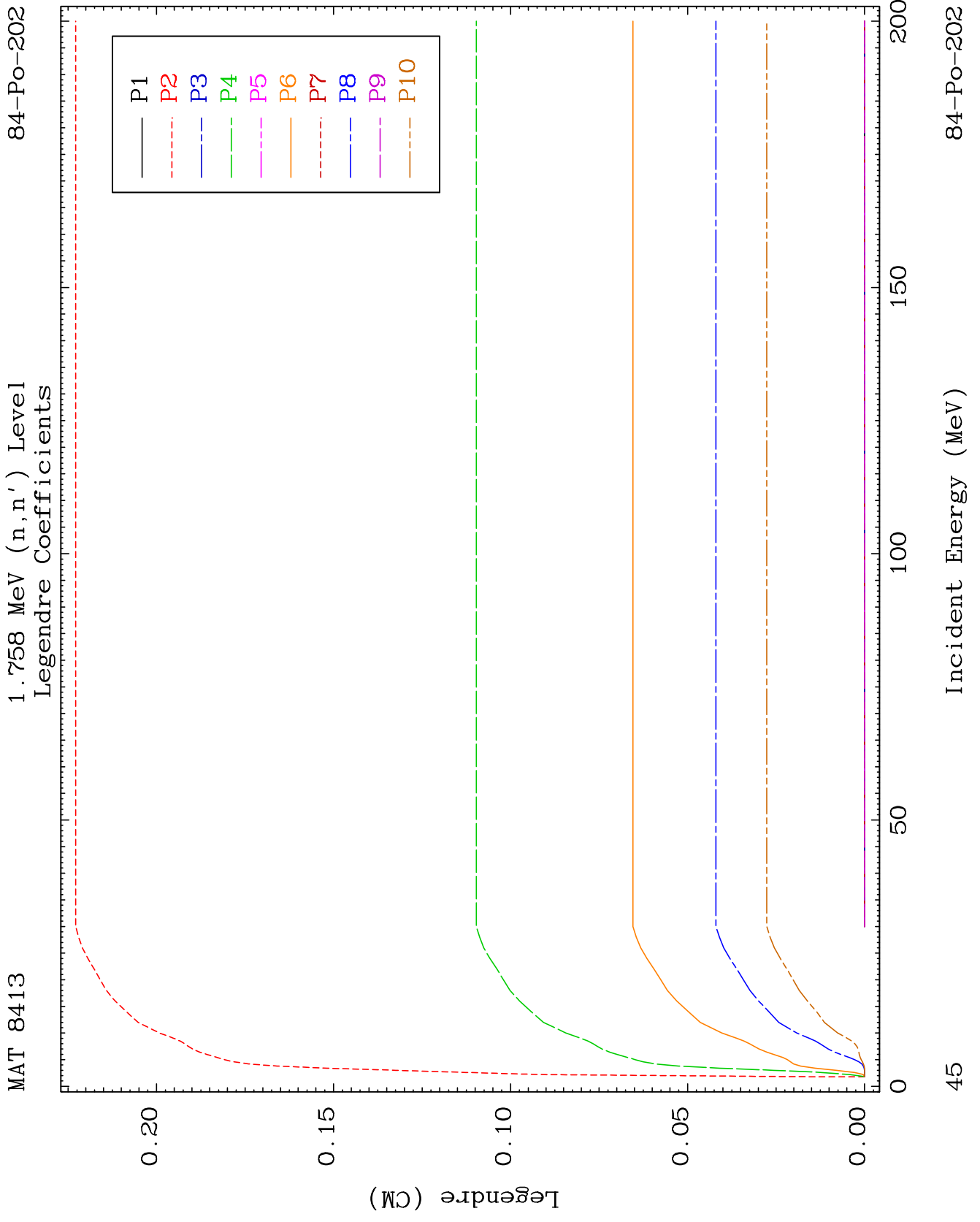
84-Po-202



44

Incident Energy (MeV)

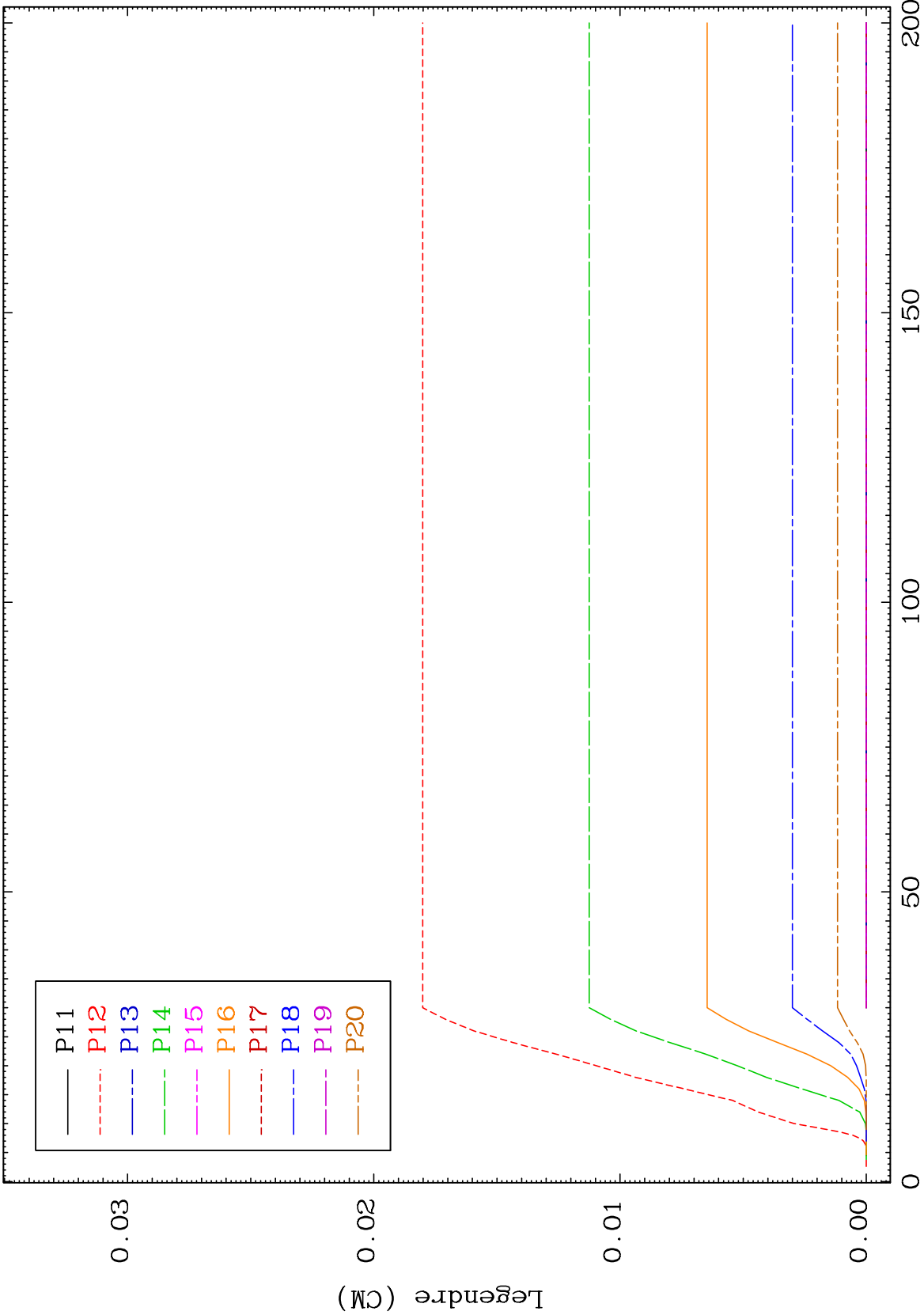
84-Po-202



MAT 8413

1.758 MeV (n, n') Level
Legendre Coefficients

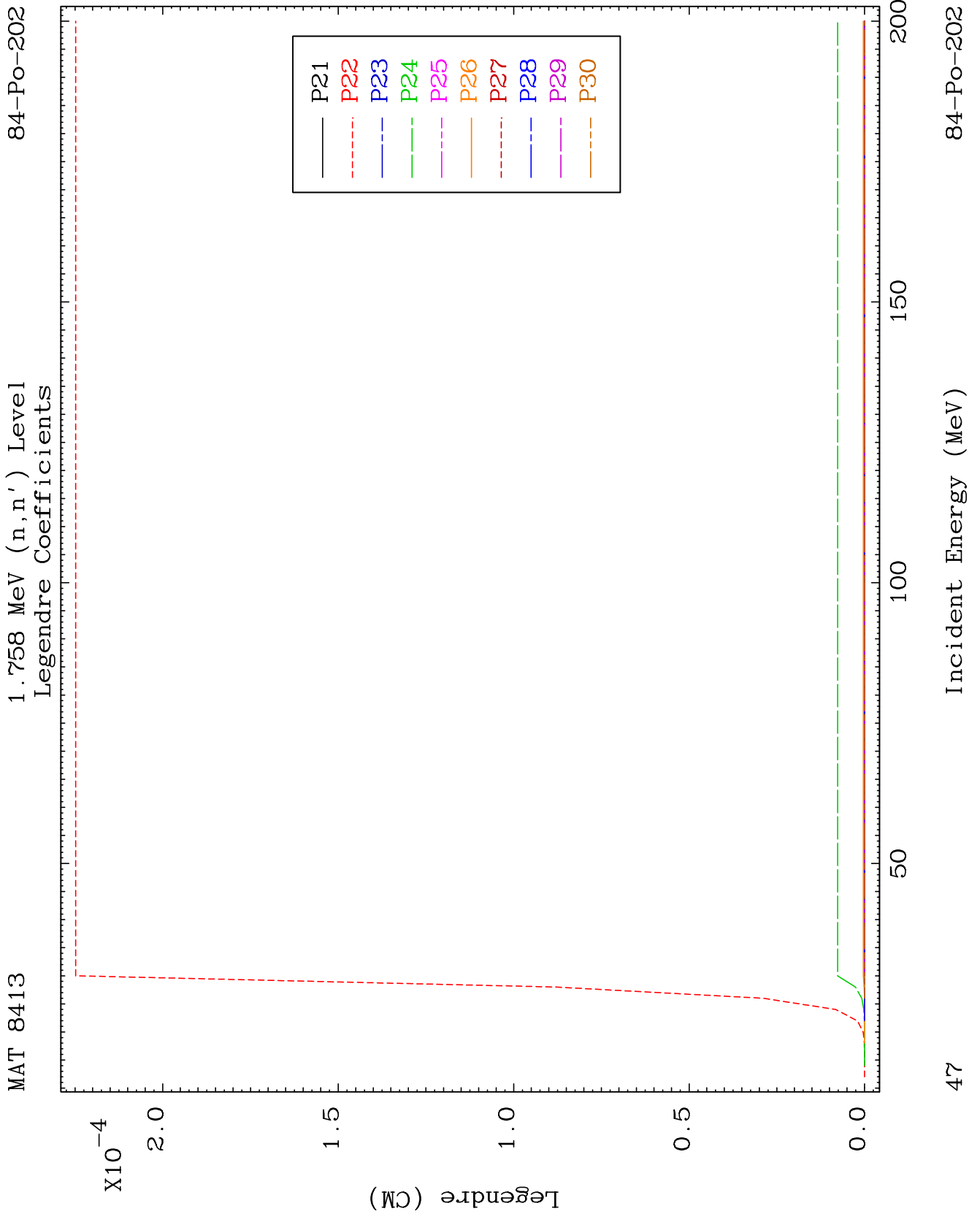
84-Po-202



46

Incident Energy (MeV)

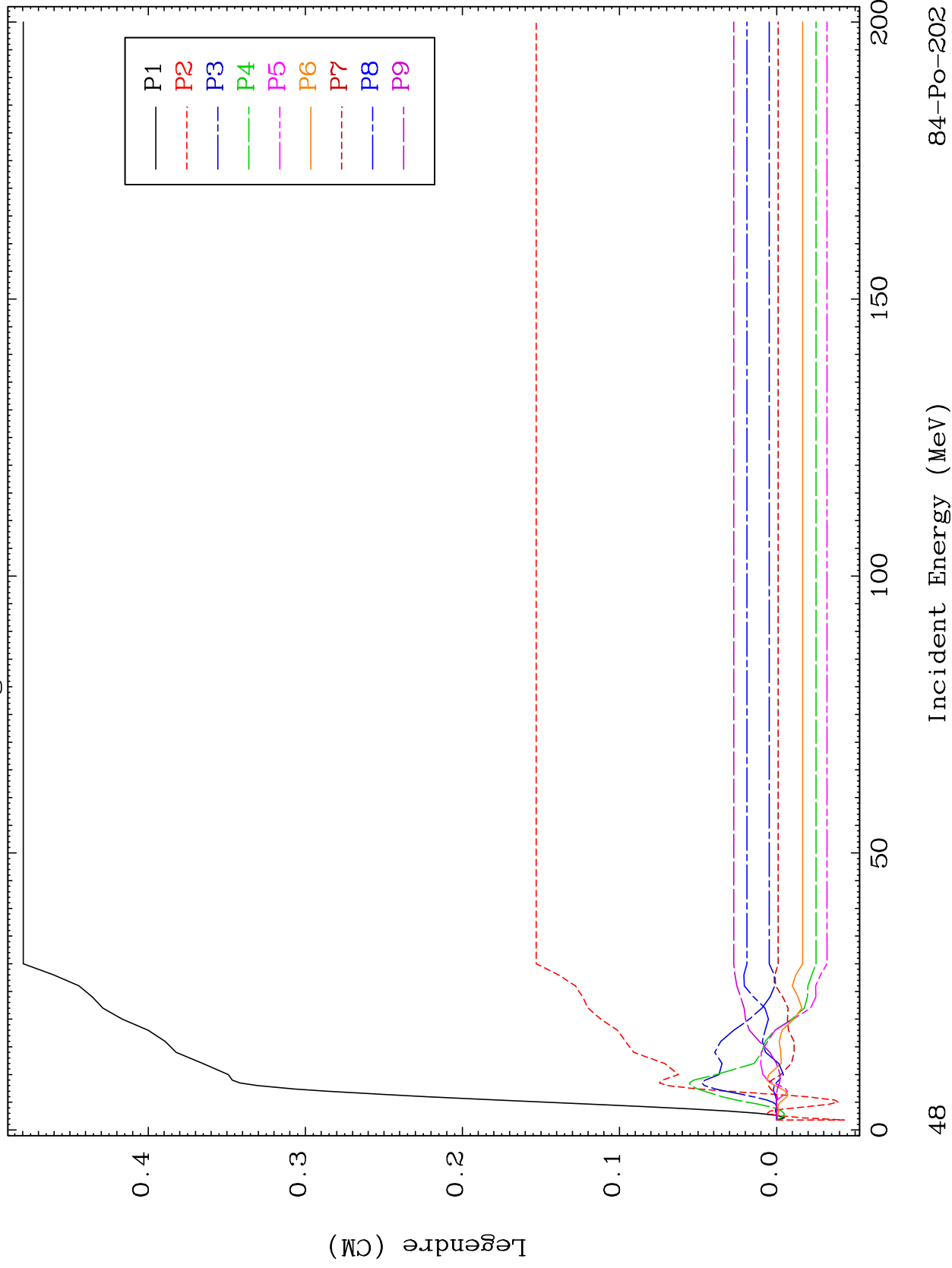
84-Po-202



MAT 8413

1.774 MeV (n,n') Level
Legendre Coefficients

84-Po-202



84-Po-202

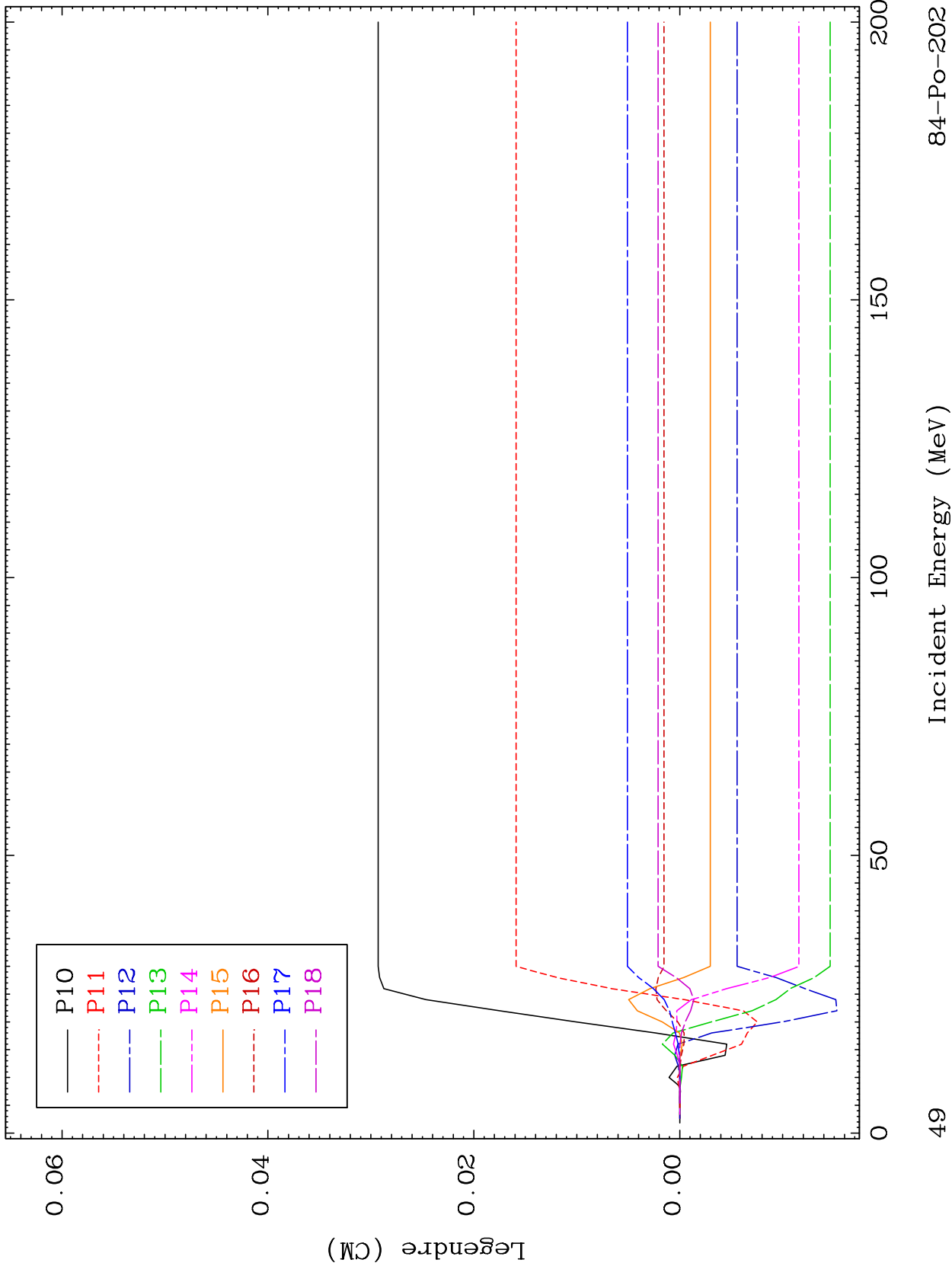
Incident Energy (MeV)

48

MAT 8413

1.774 MeV (n,n') Level
Legendre Coefficients

84-Po-202



49

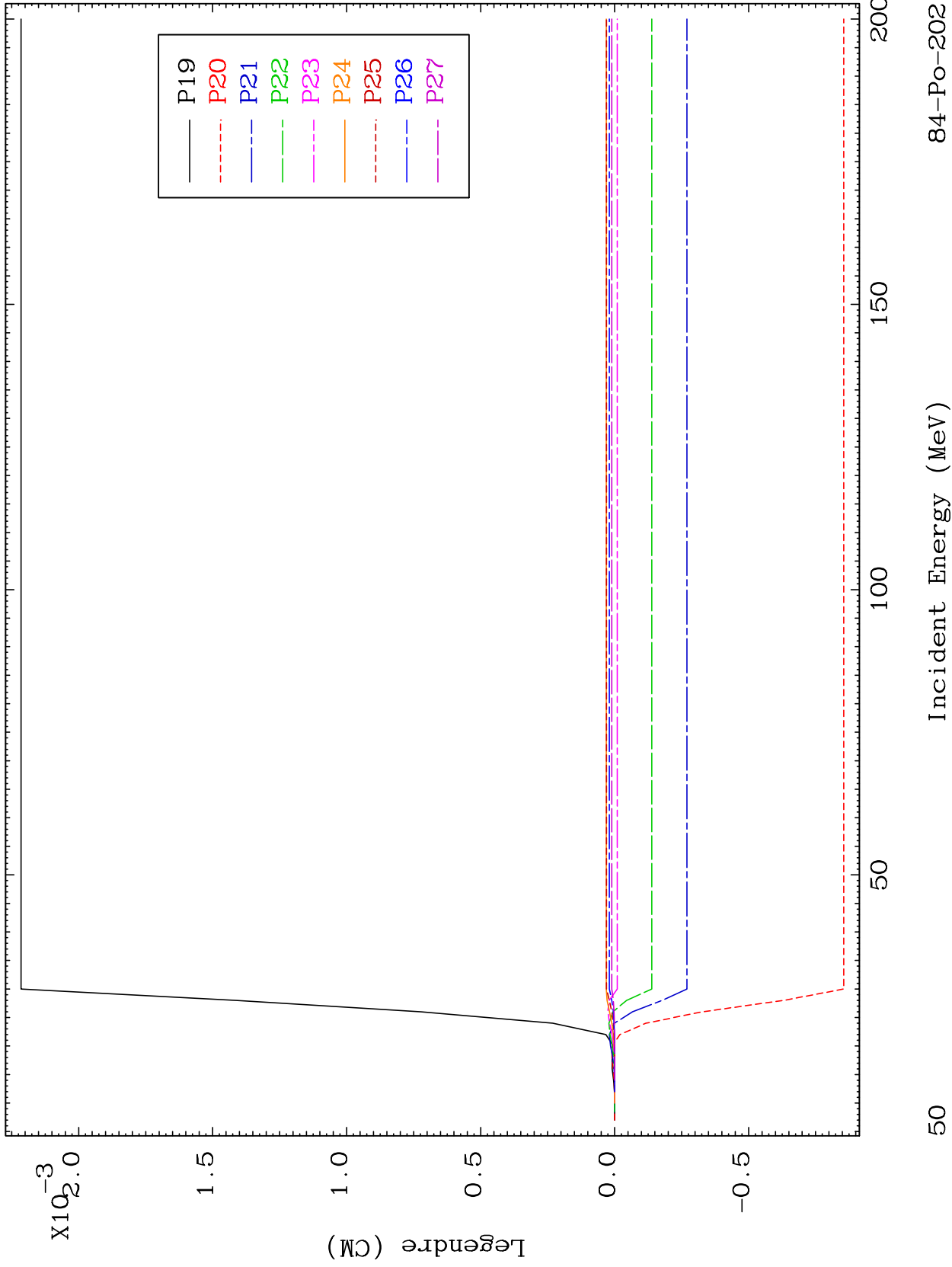
Incident Energy (MeV)

84-Po-202

MAT 8413

1.774 MeV (n, n') Level
Legendre Coefficients

84-Po-202



50

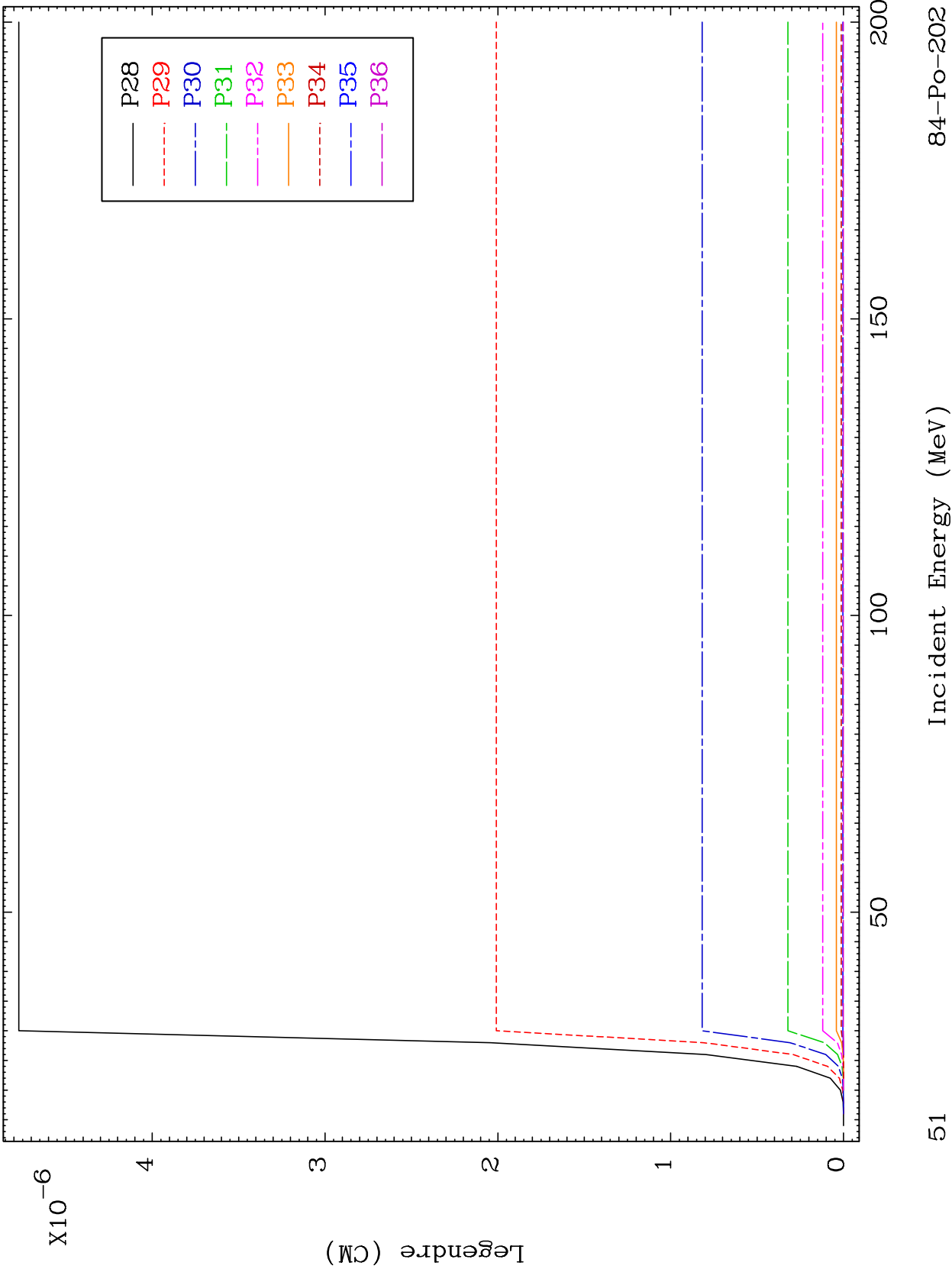
Incident Energy (MeV)

84-Po-202

MAT 8413

1.774 MeV (n,n') Level
Legendre Coefficients

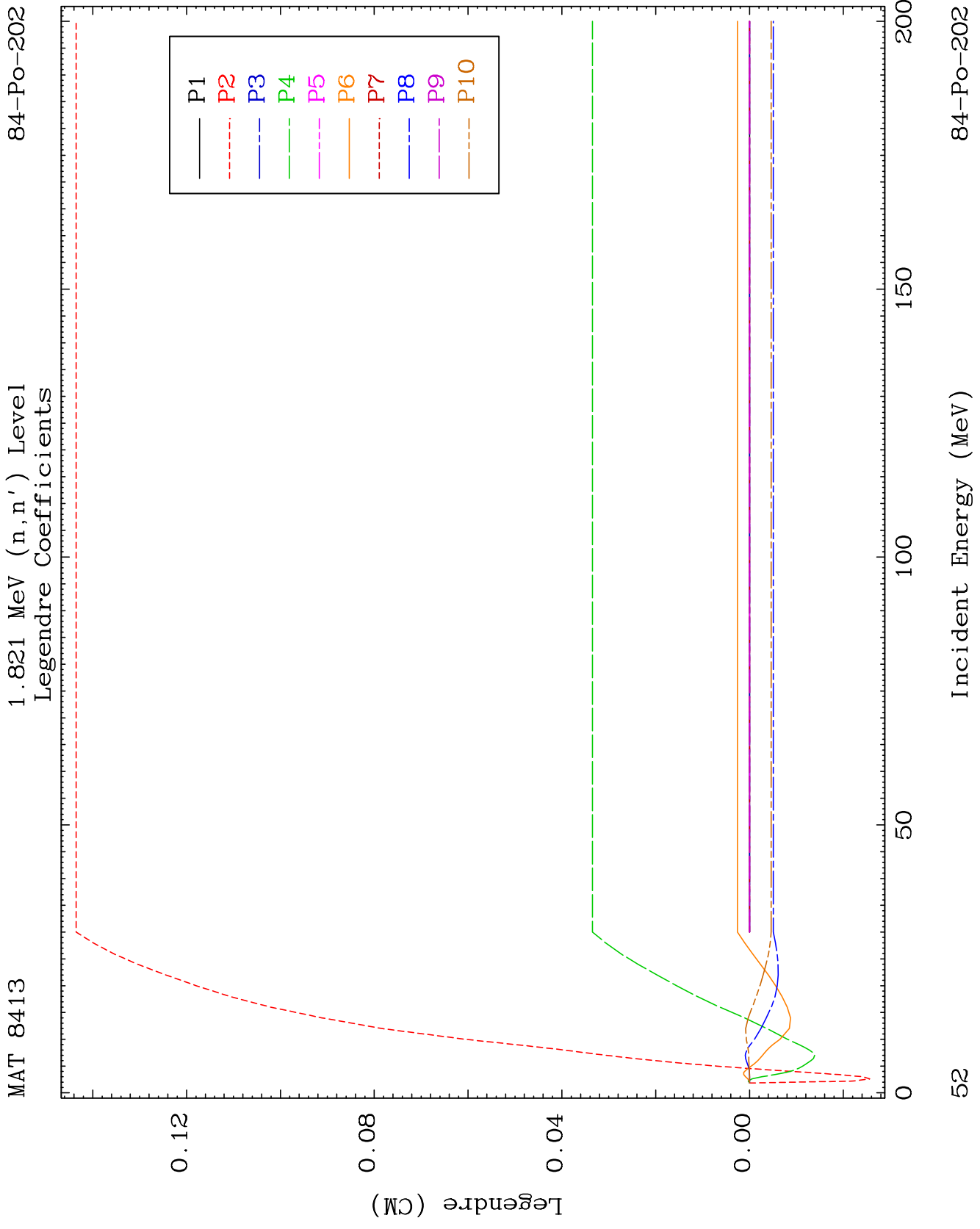
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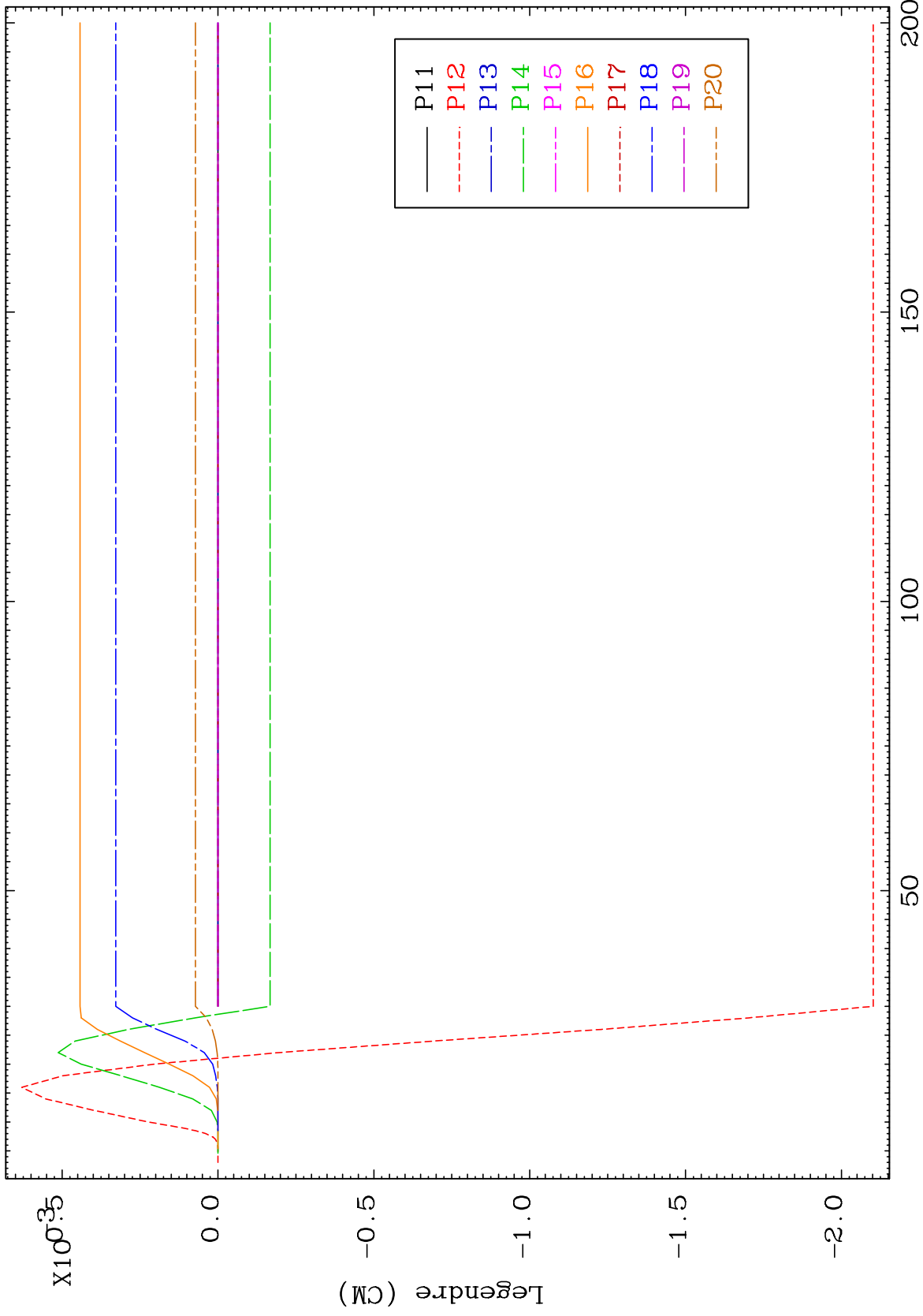


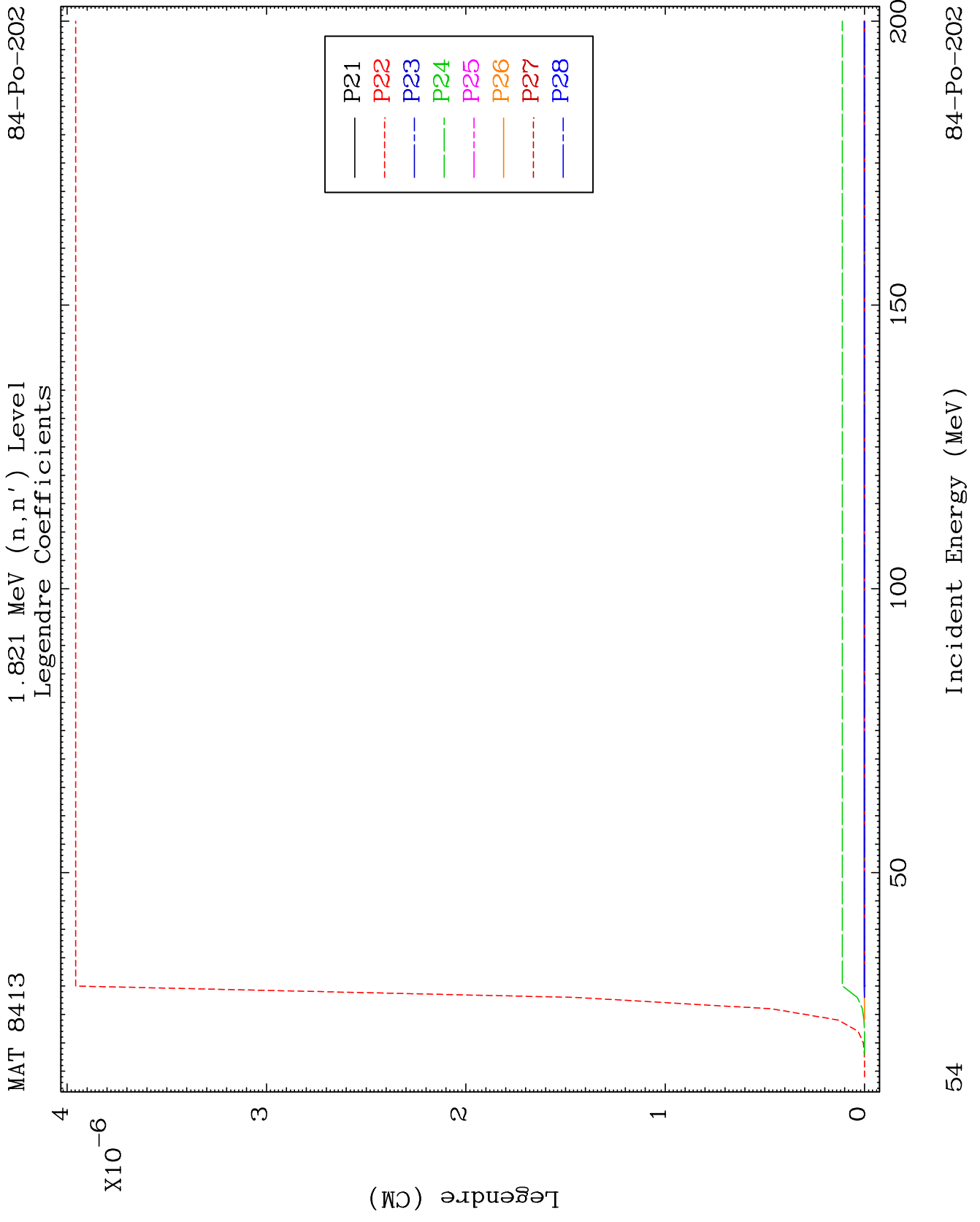
51

Incident Energy (MeV)

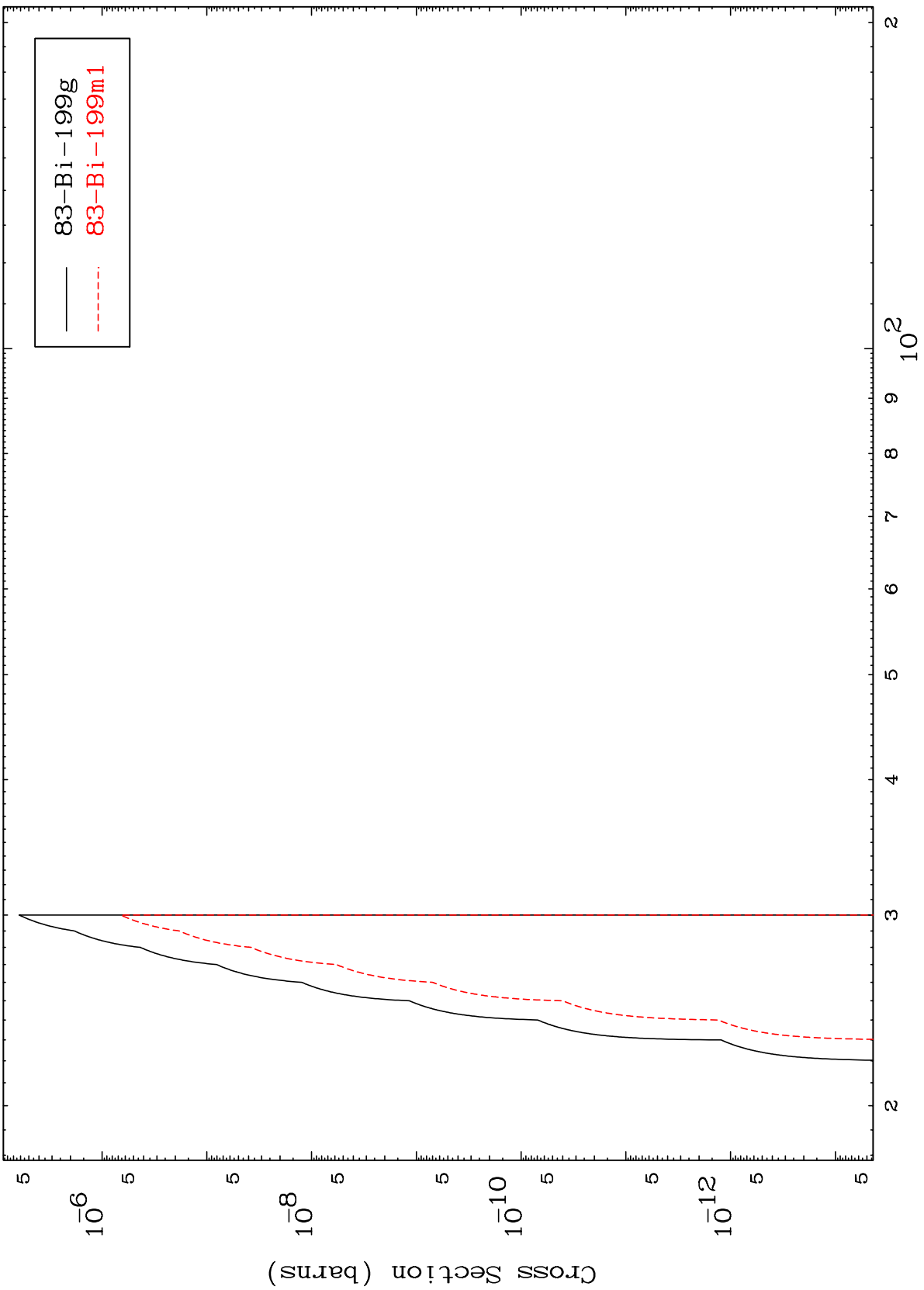
84-Po-202







Radionuclide Production Cross Section

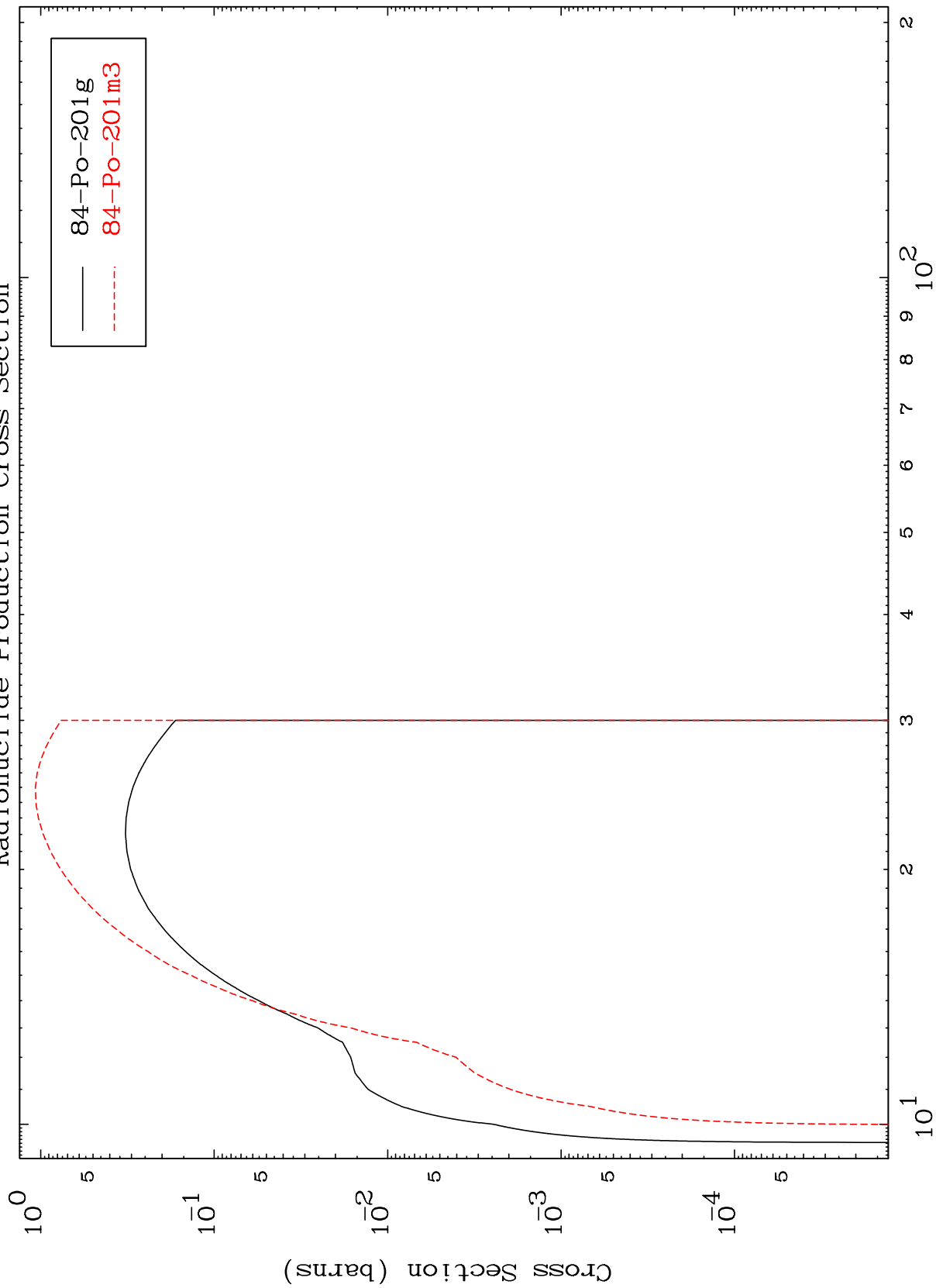


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84-Po-202

(n,2n)

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-202

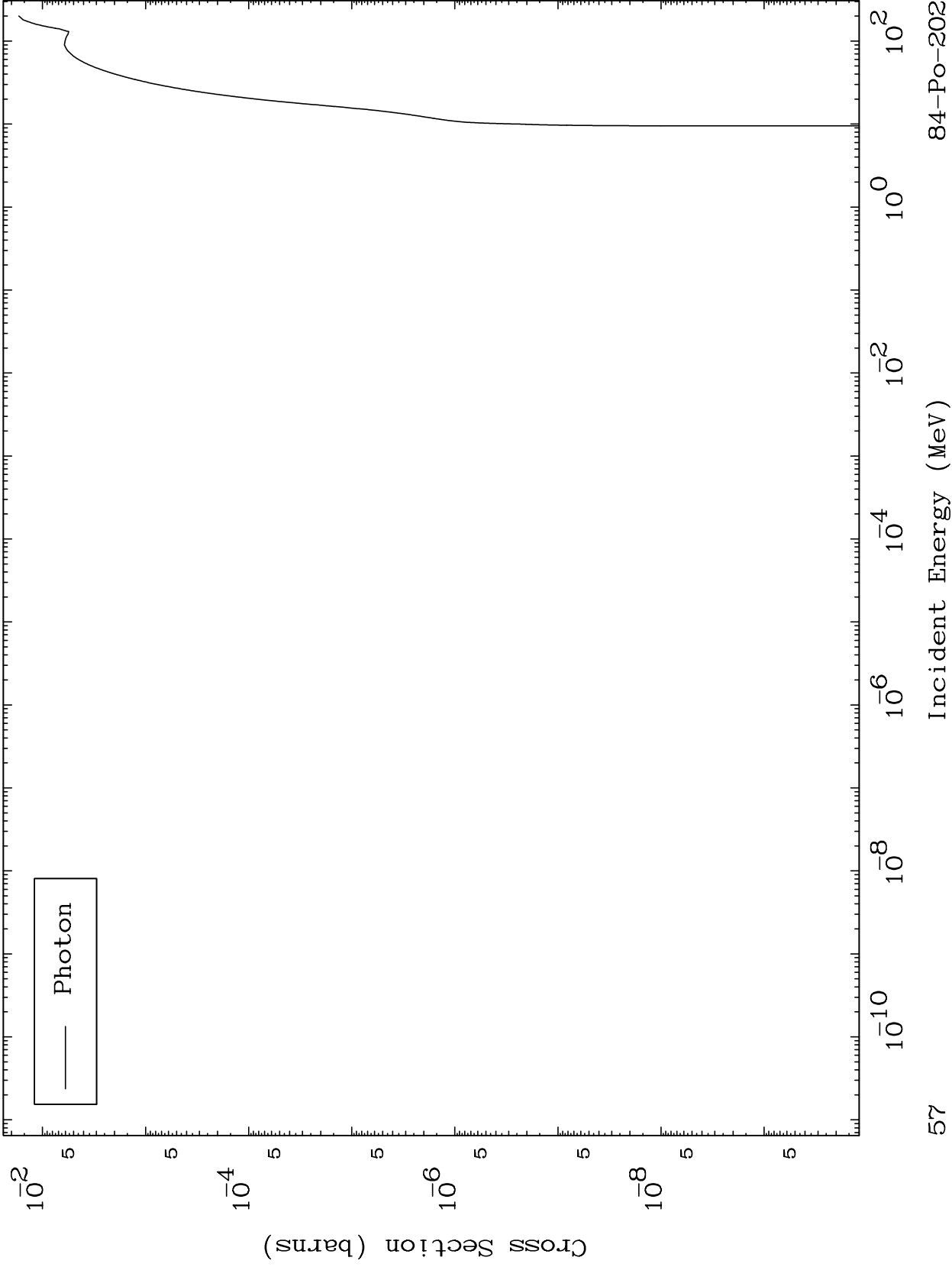
56

MAT 8413

Fission

84-Po-202

Radionuclide Production Cross Section

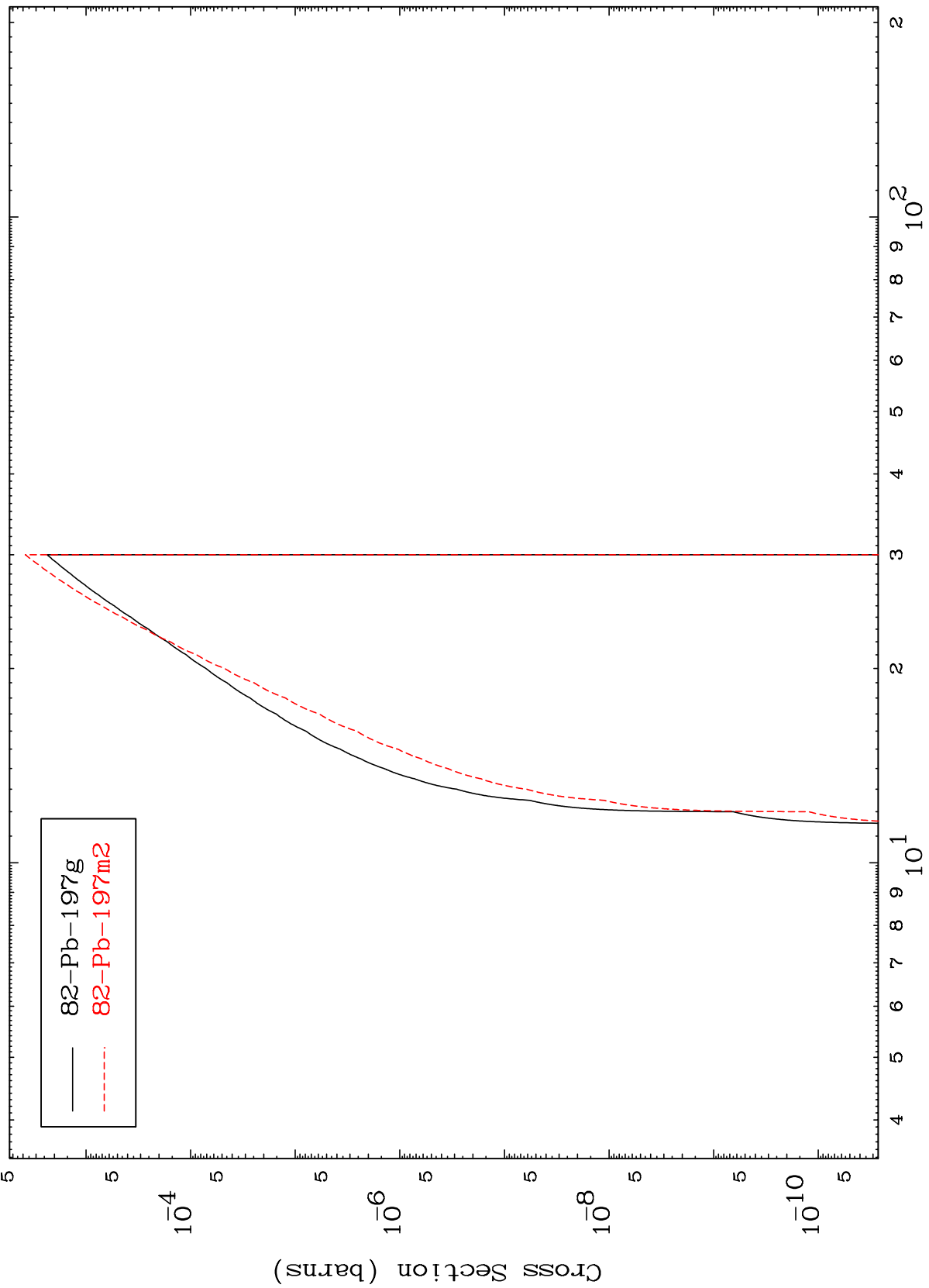


MAT 8413

$(n,2n) \alpha$

84-Po-202

Radionuclide Production Cross Section



58

Incident Energy (MeV)

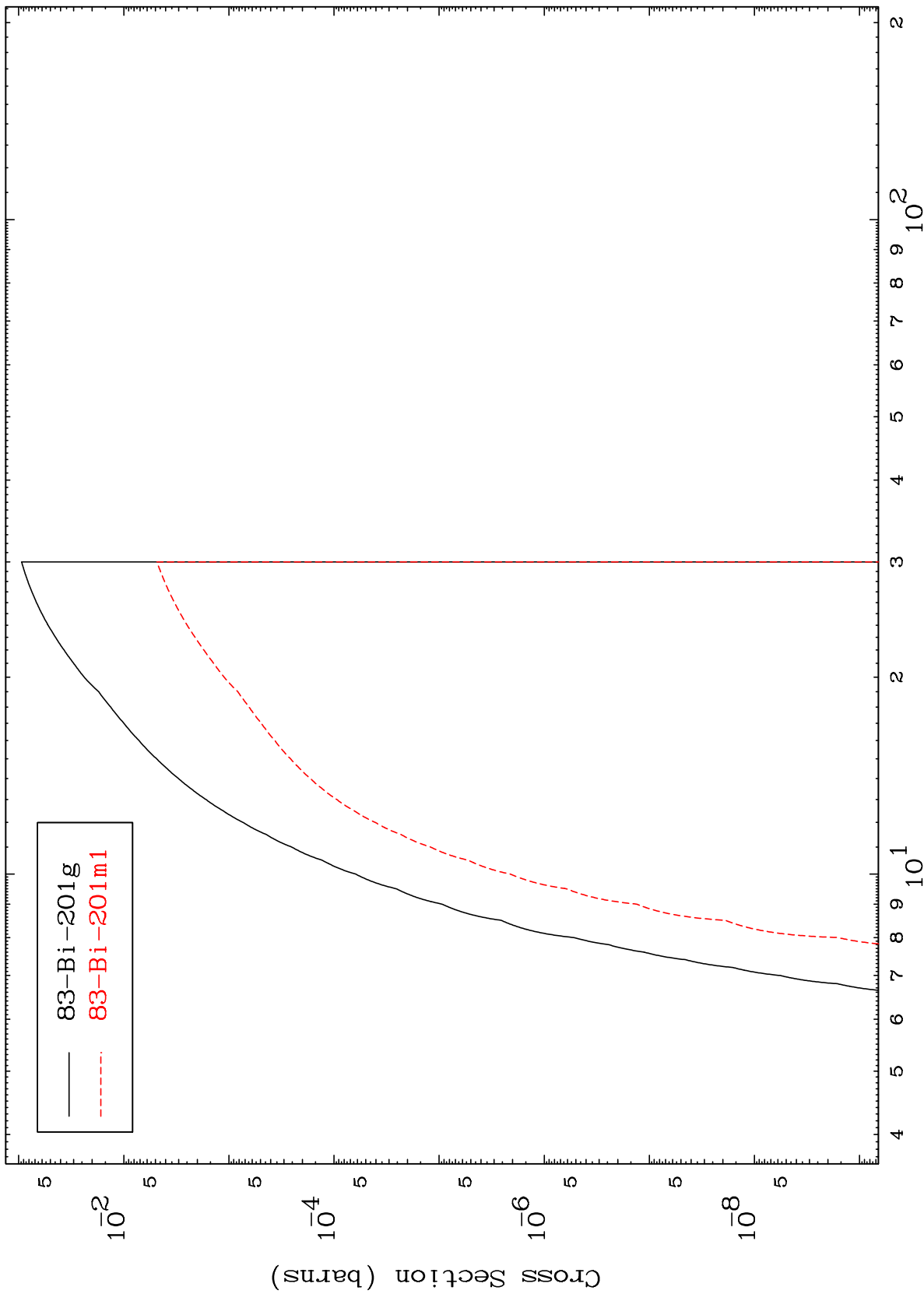
84-Po-202

MAT 8413

(n,n') p

84-Po-202

Radionuclide Production Cross Section



59

Incident Energy (MeV)

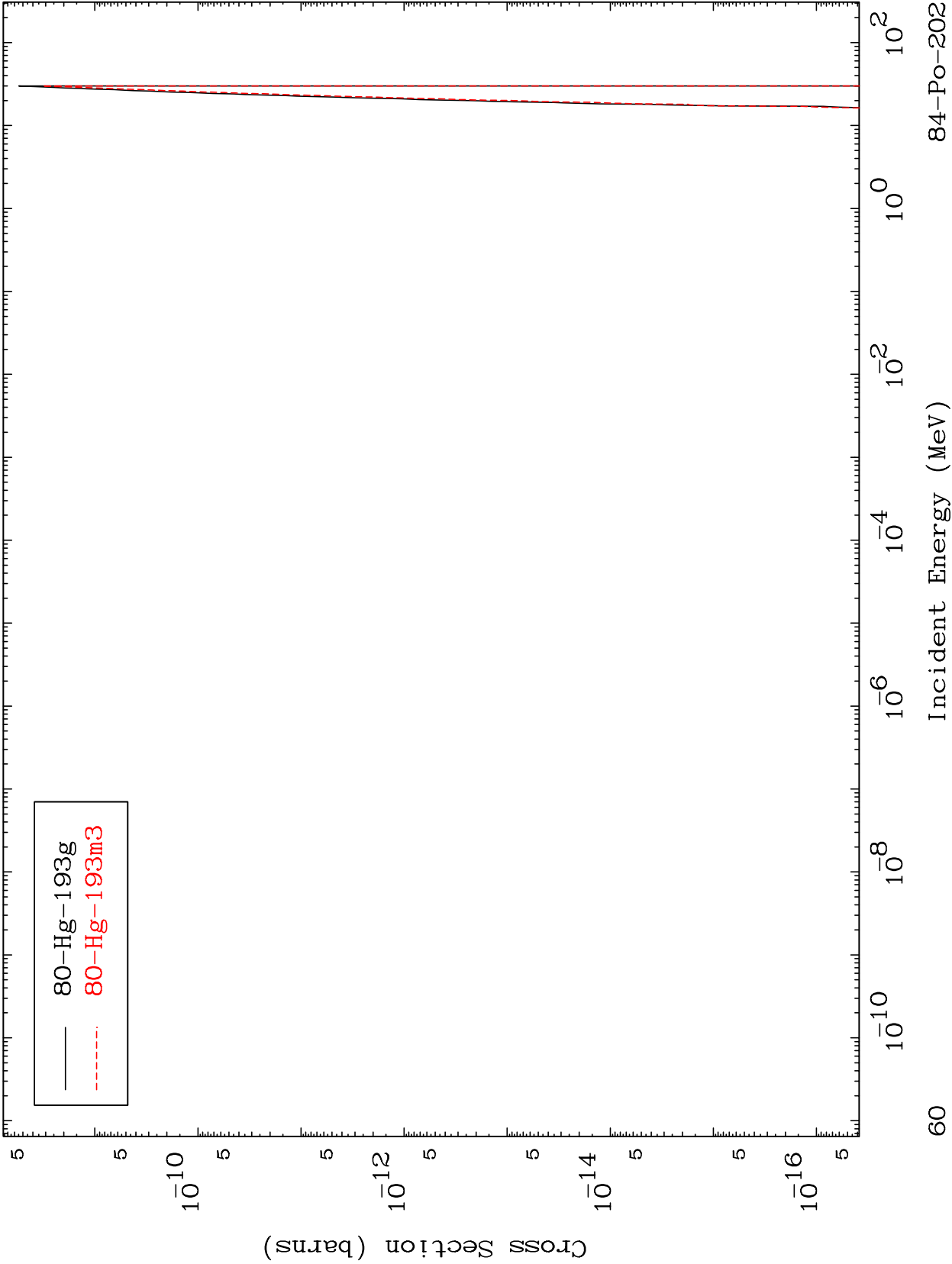
84-Po-202

MAT 8413

(n,2n) 2 α

84-Po-202

Radionuclide Production Cross Section

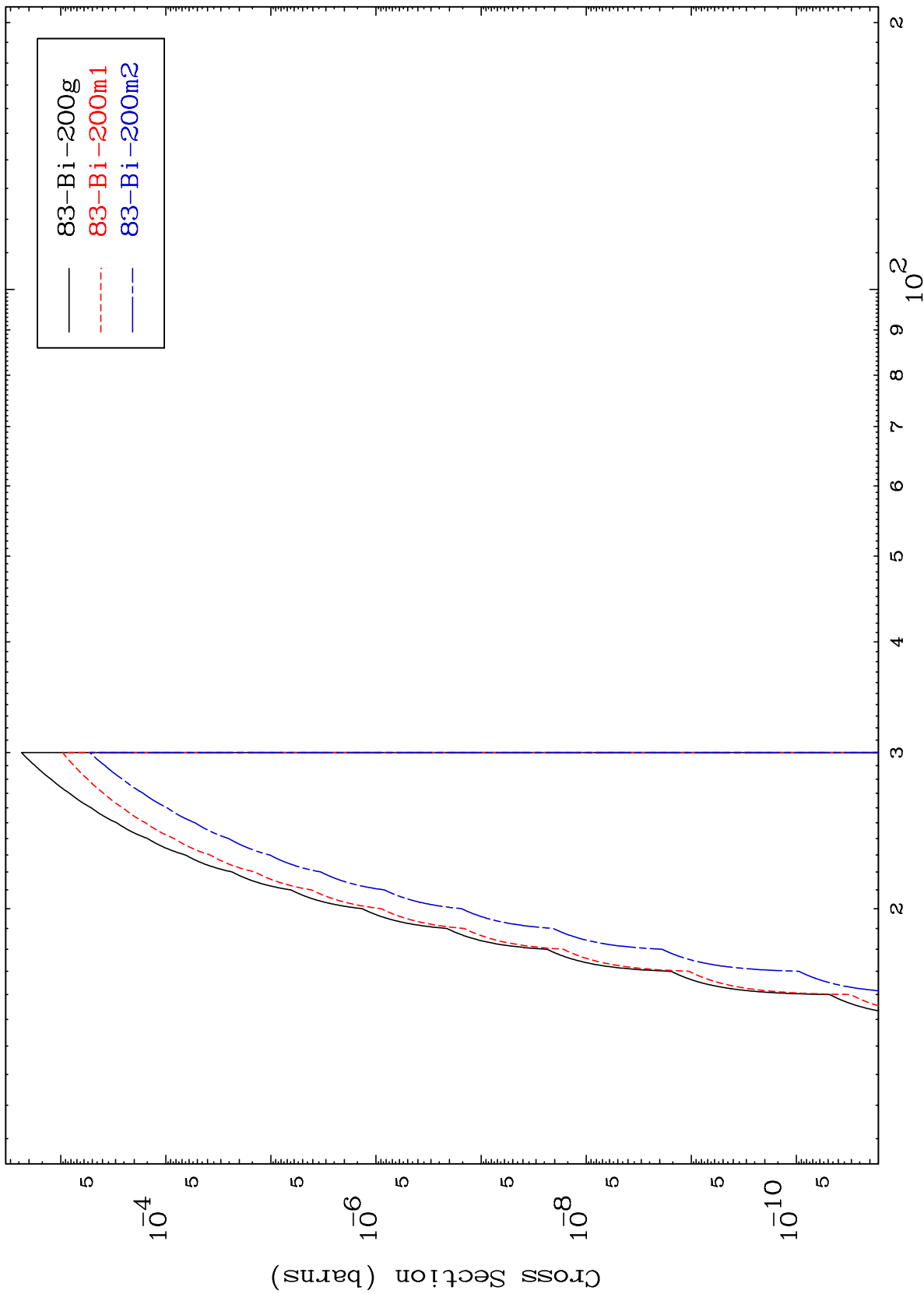


60

Incident Energy (MeV)

84-Po-202

Radionuclide Production Cross Section

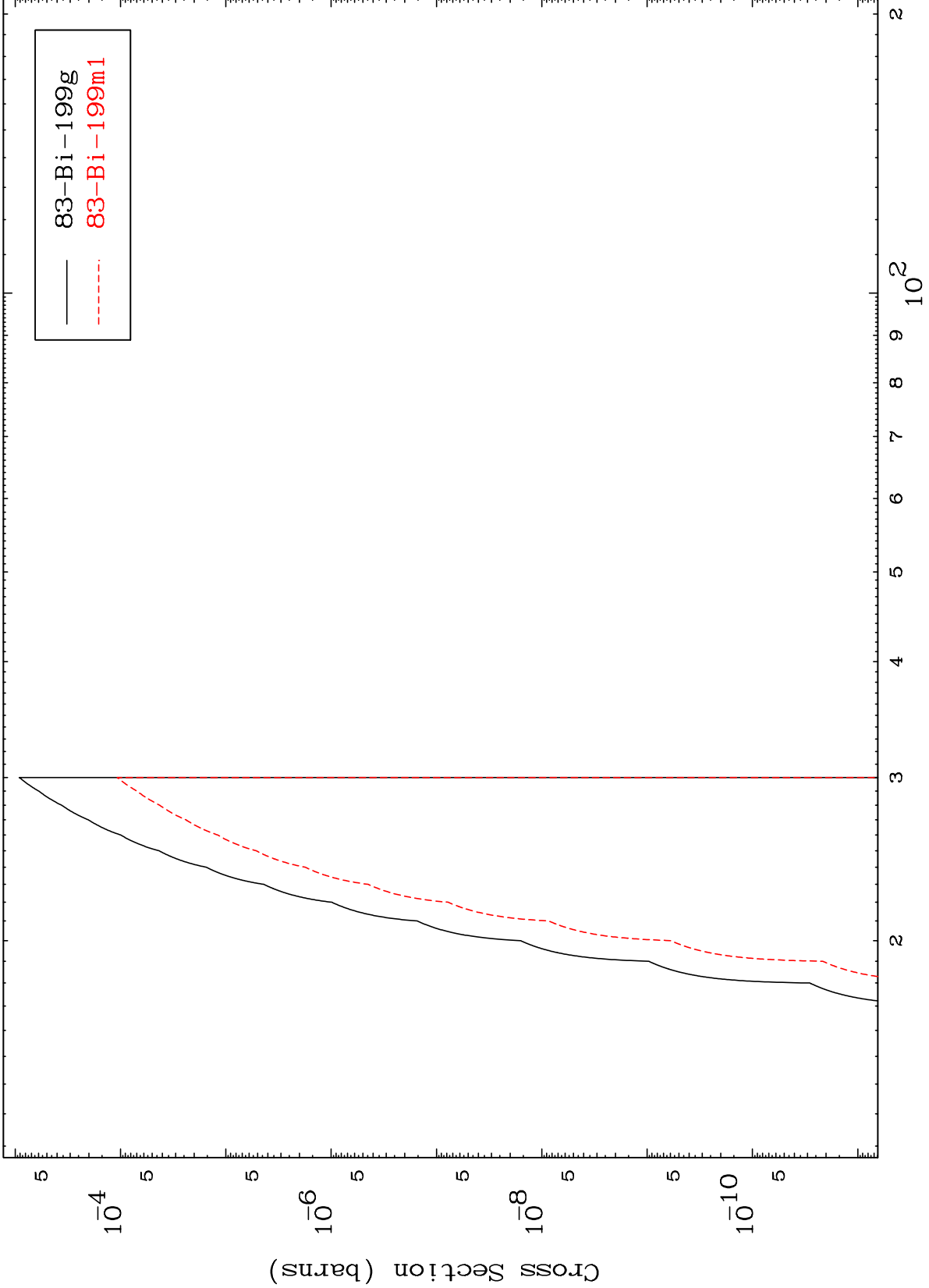


MAT 8413

(n,n') t

84-Po-202

Radionuclide Production Cross Section



62

Incident Energy (MeV)

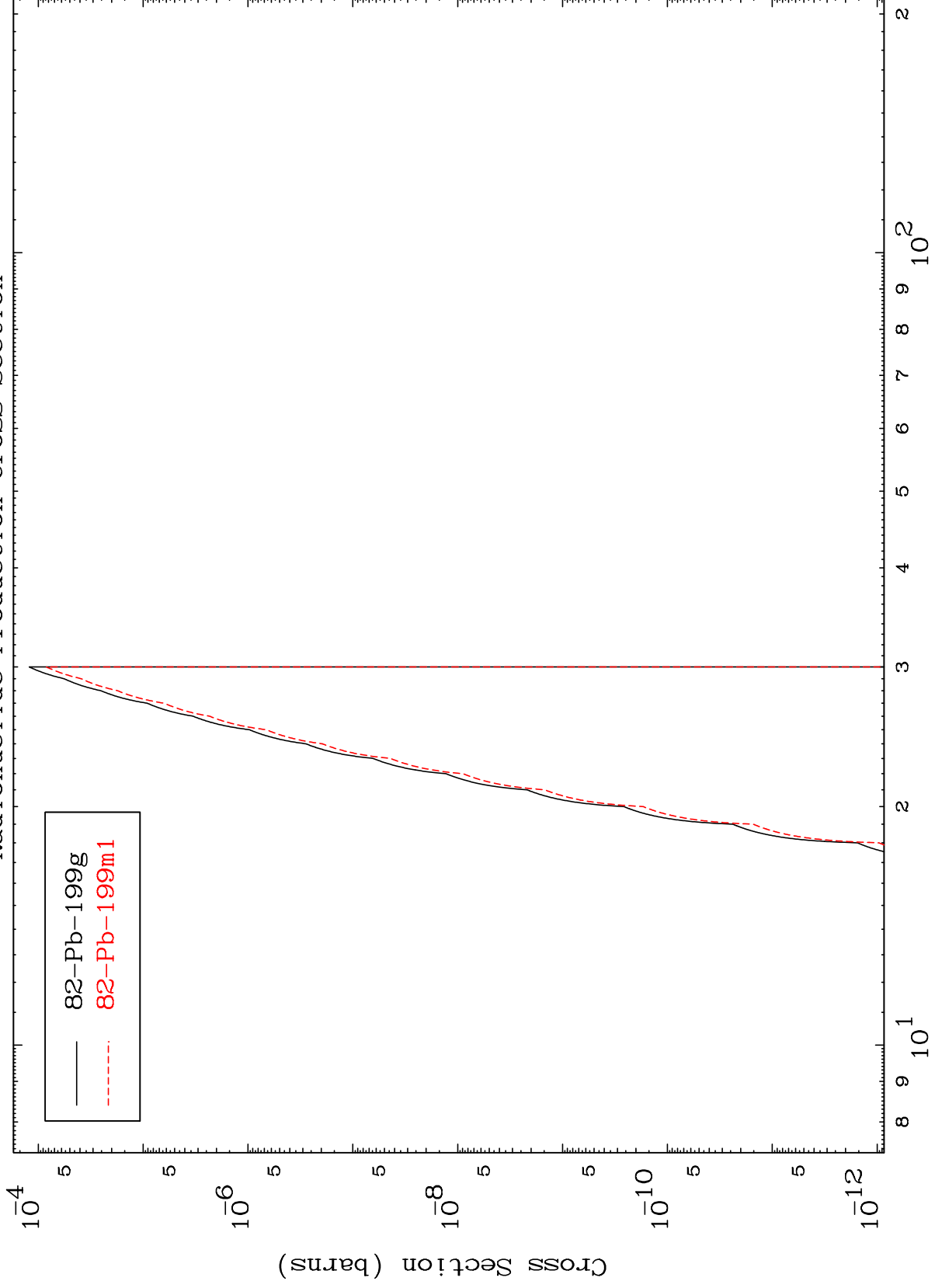
84-Po-202

MAT 8413

(n,n') He-3

84-Po-202

Radionuclide Production Cross Section



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

63

Incident Energy (MeV)

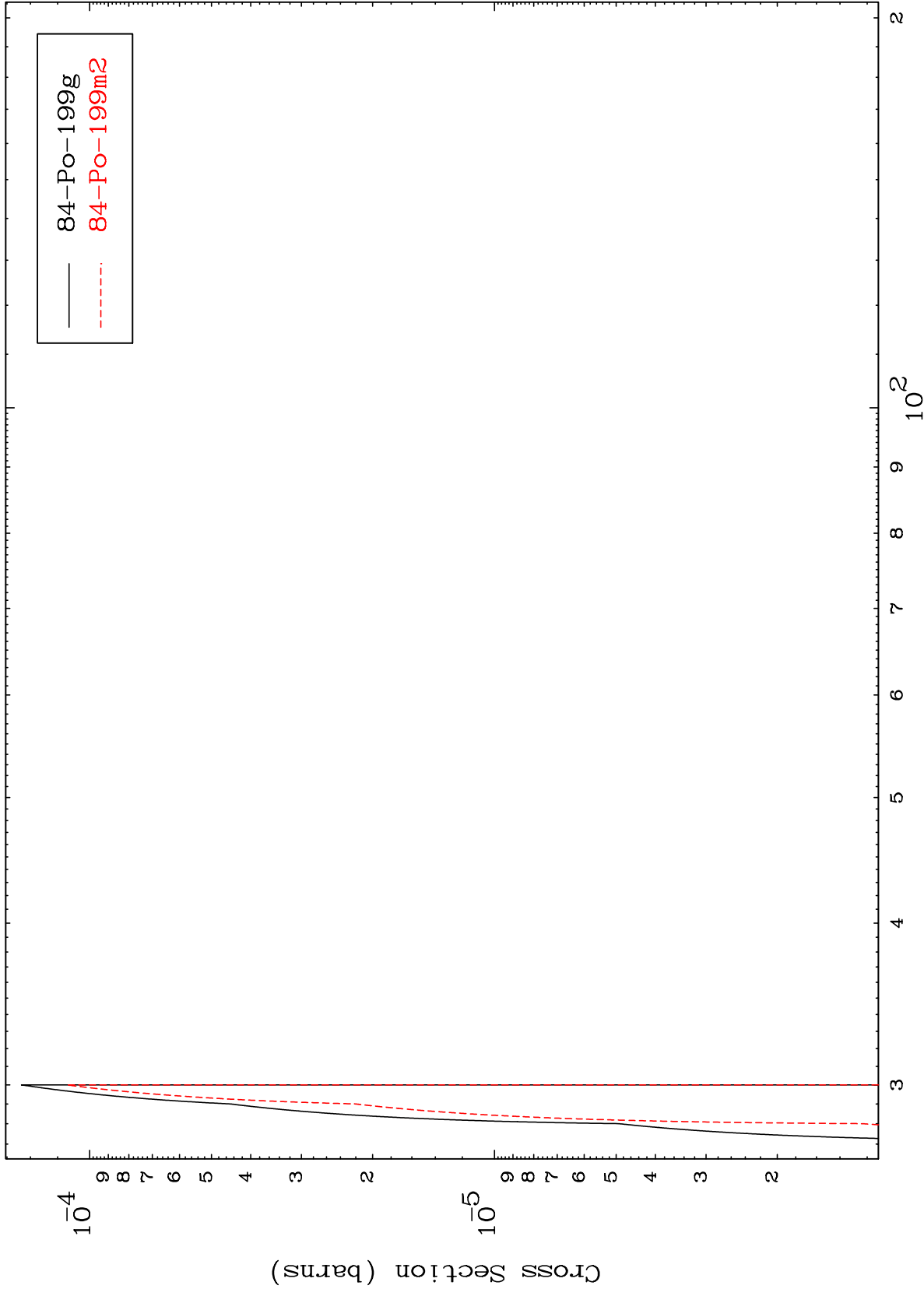
84-Po-202

MAT 8413

(n,4n)

84-Po-202

Radionuclide Production Cross Section

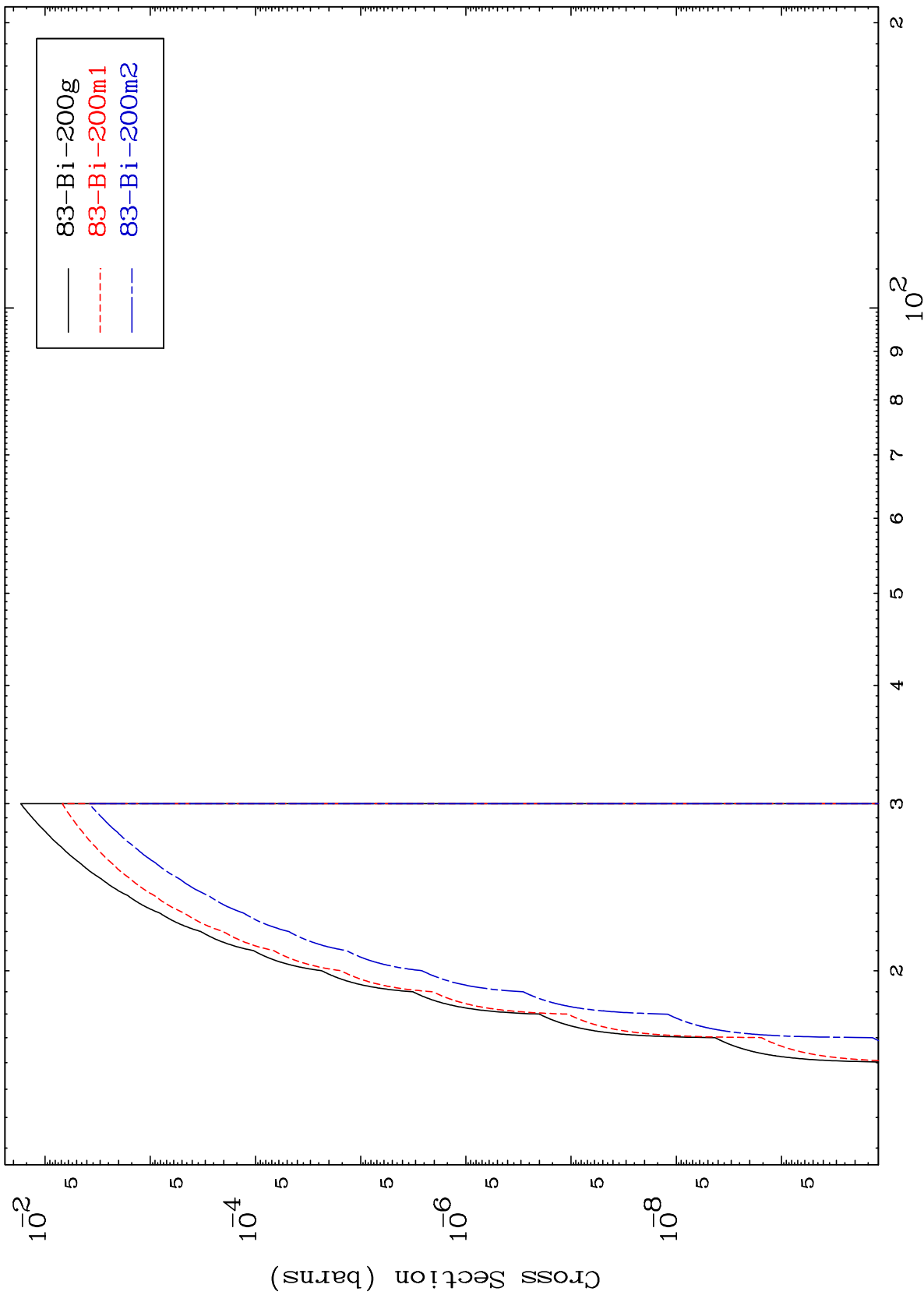


64

Incident Energy (MeV)

84-Po-202

Radionuclide Production Cross Section

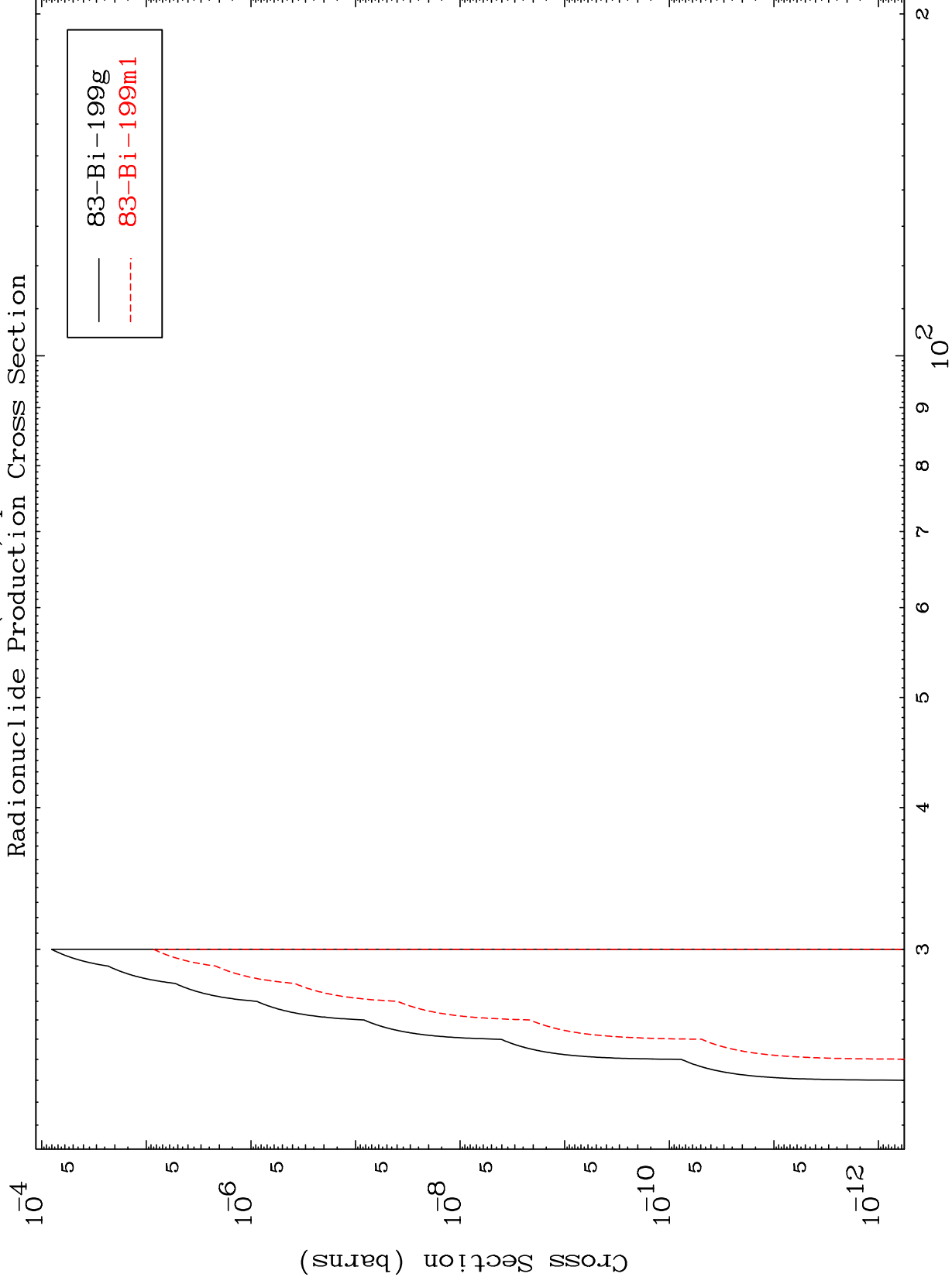


MAT 8413

(n,3n) p

84-Po-202

Radionuclide Production Cross Section



66

Incident Energy (MeV)

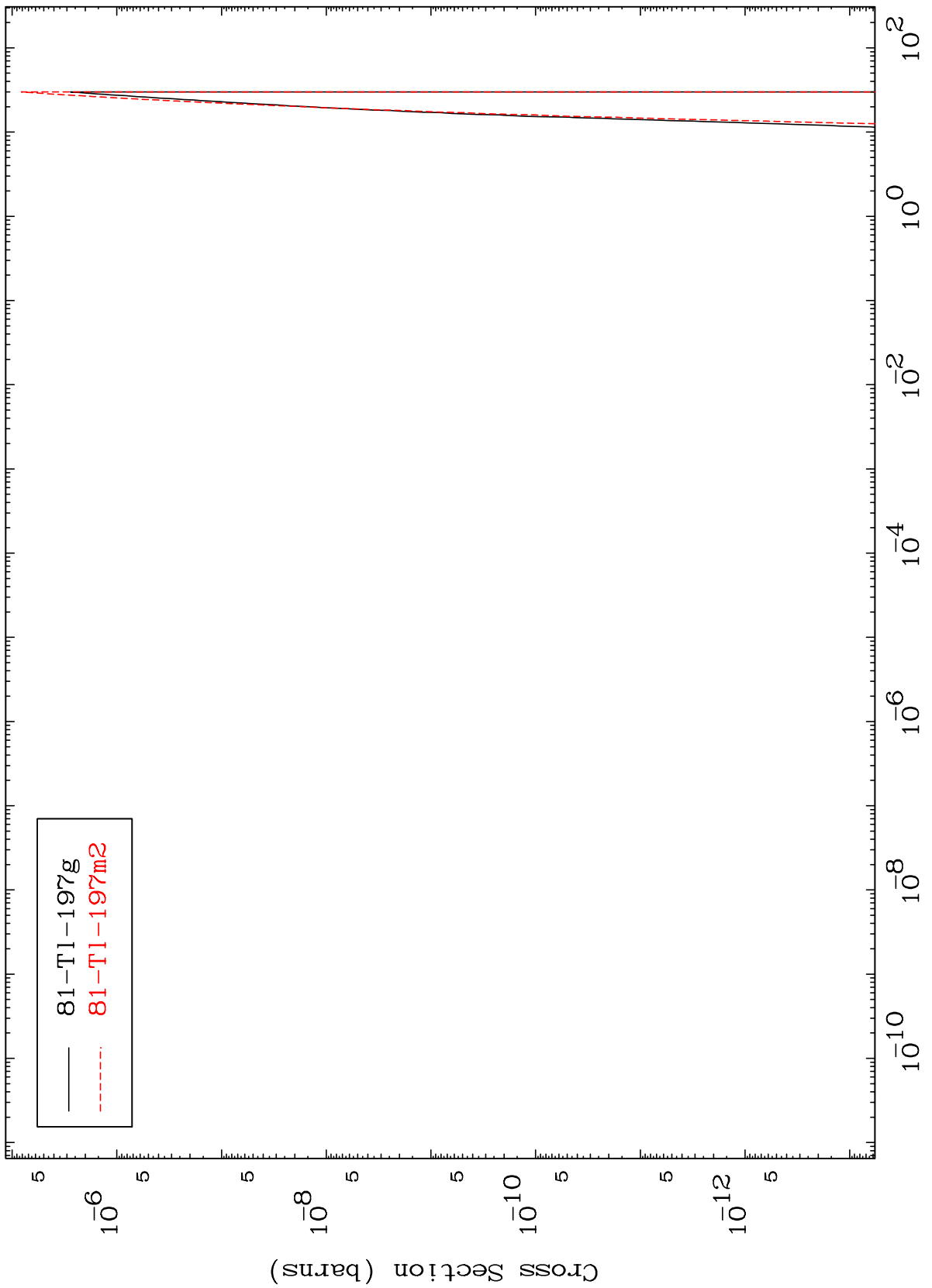
84-Po-202

MAT 8413

(n,n') p α

84-Po-202

Radionuclide Production Cross Section



67

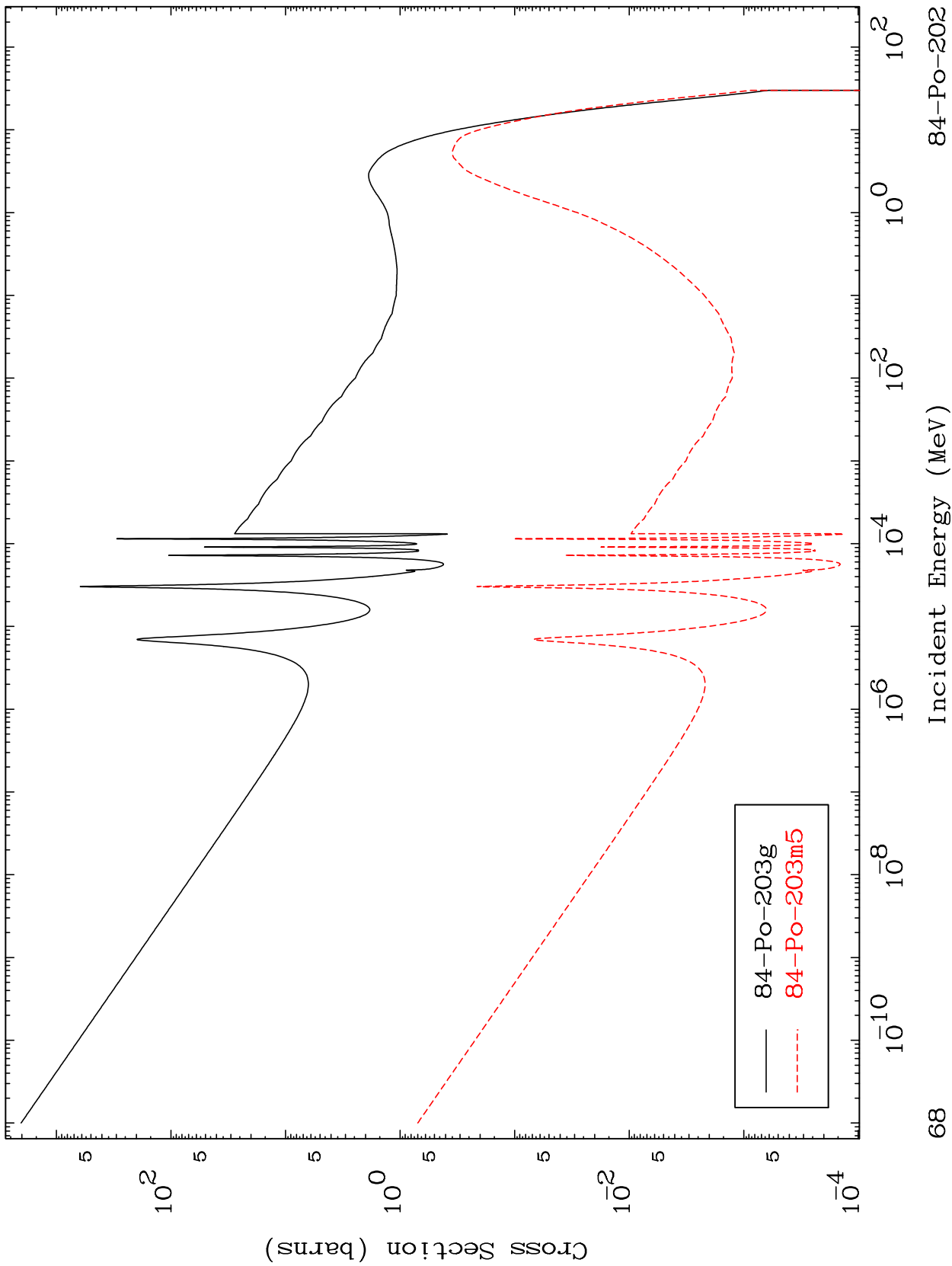
Incident Energy (MeV)

84-Po-202

MAT 8413

84-Po-202

(n, γ)
Radionuclide Production Cross Section

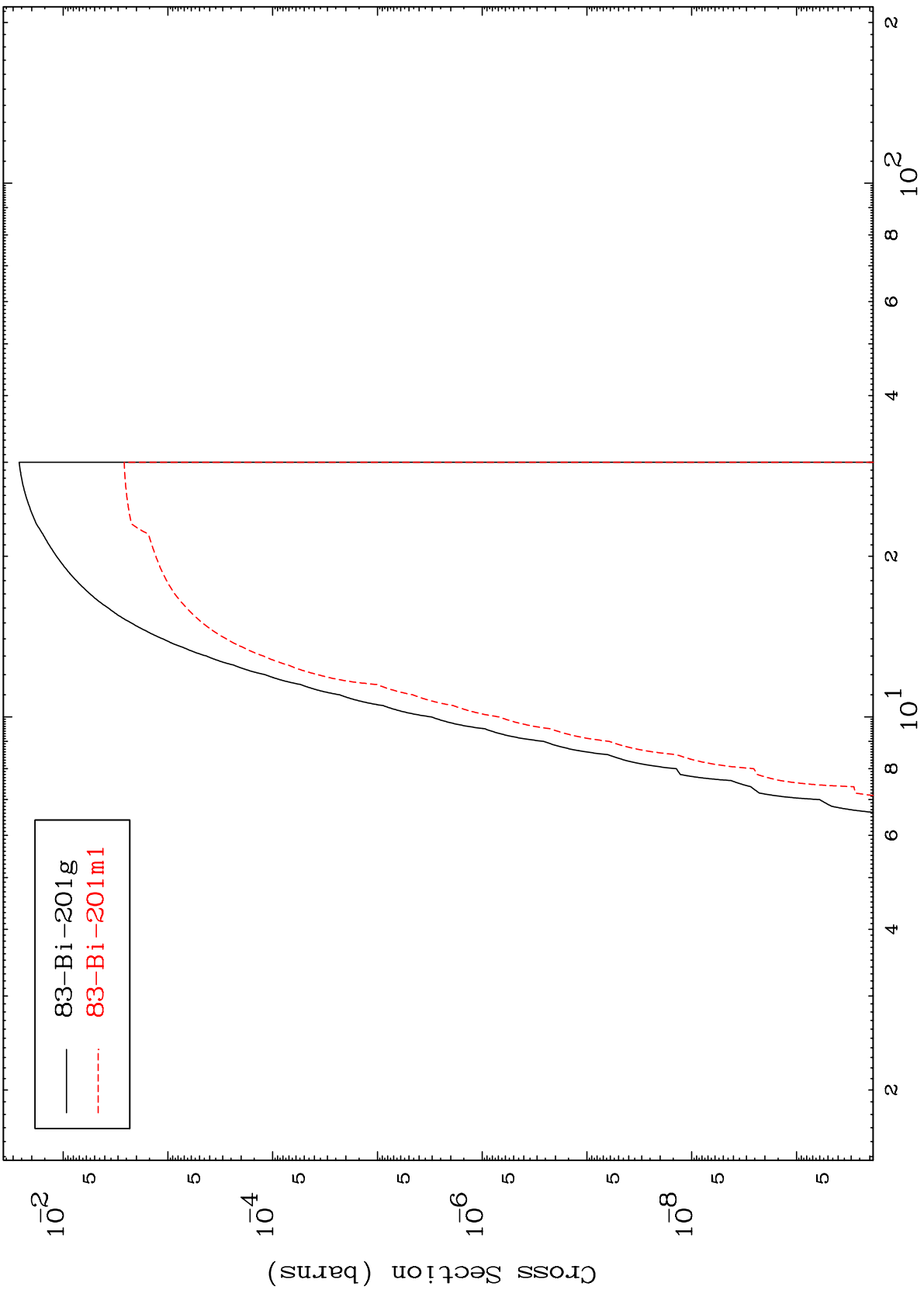


MAT 8413

(n,d)

84-Po-202

Radionuclide Production Cross Section



— 83-Bi-201g
- - - 83-Bi-201m1

69

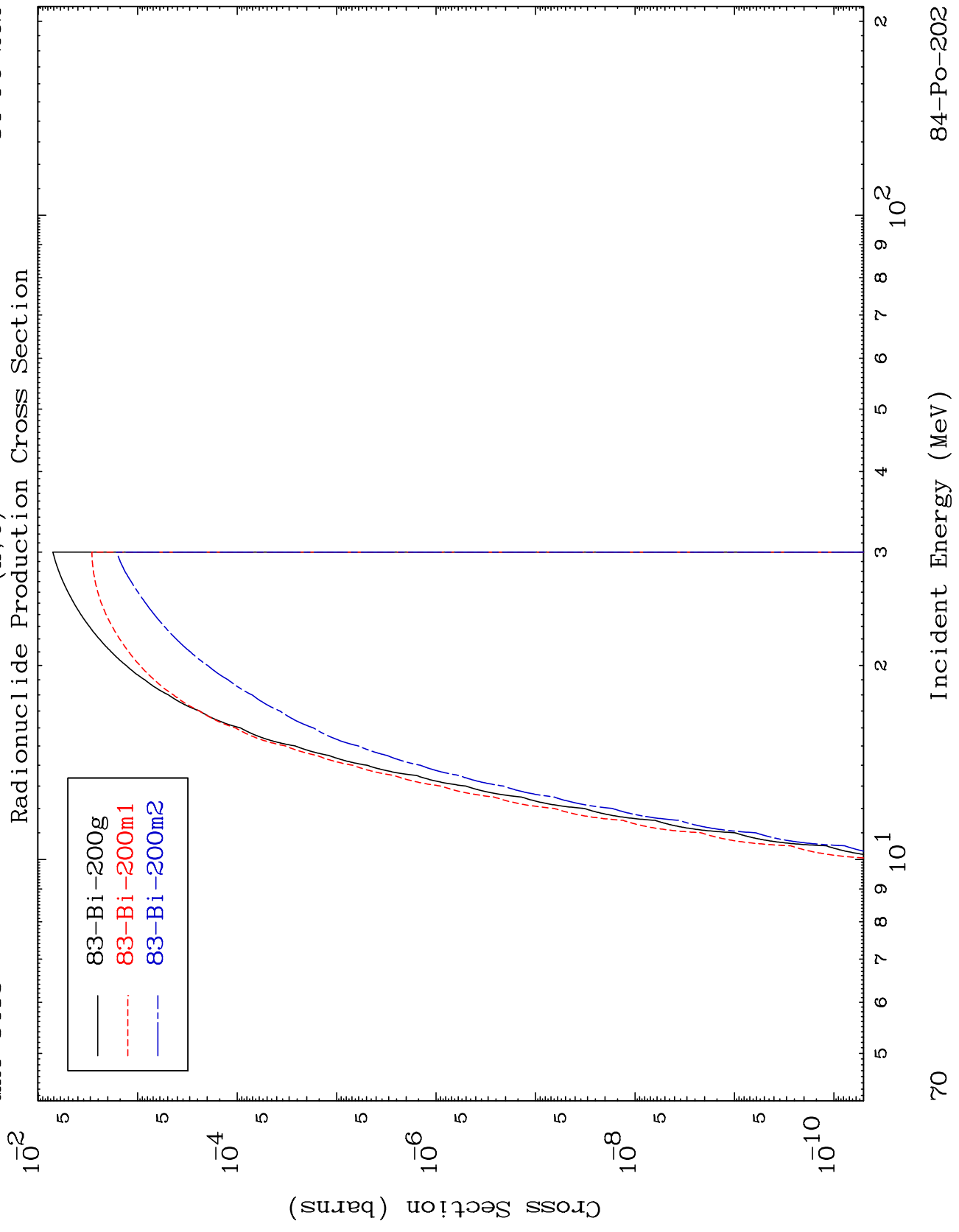
Incident Energy (MeV)

84-Po-202

MAT 8413

(n, t)

84-Po-202

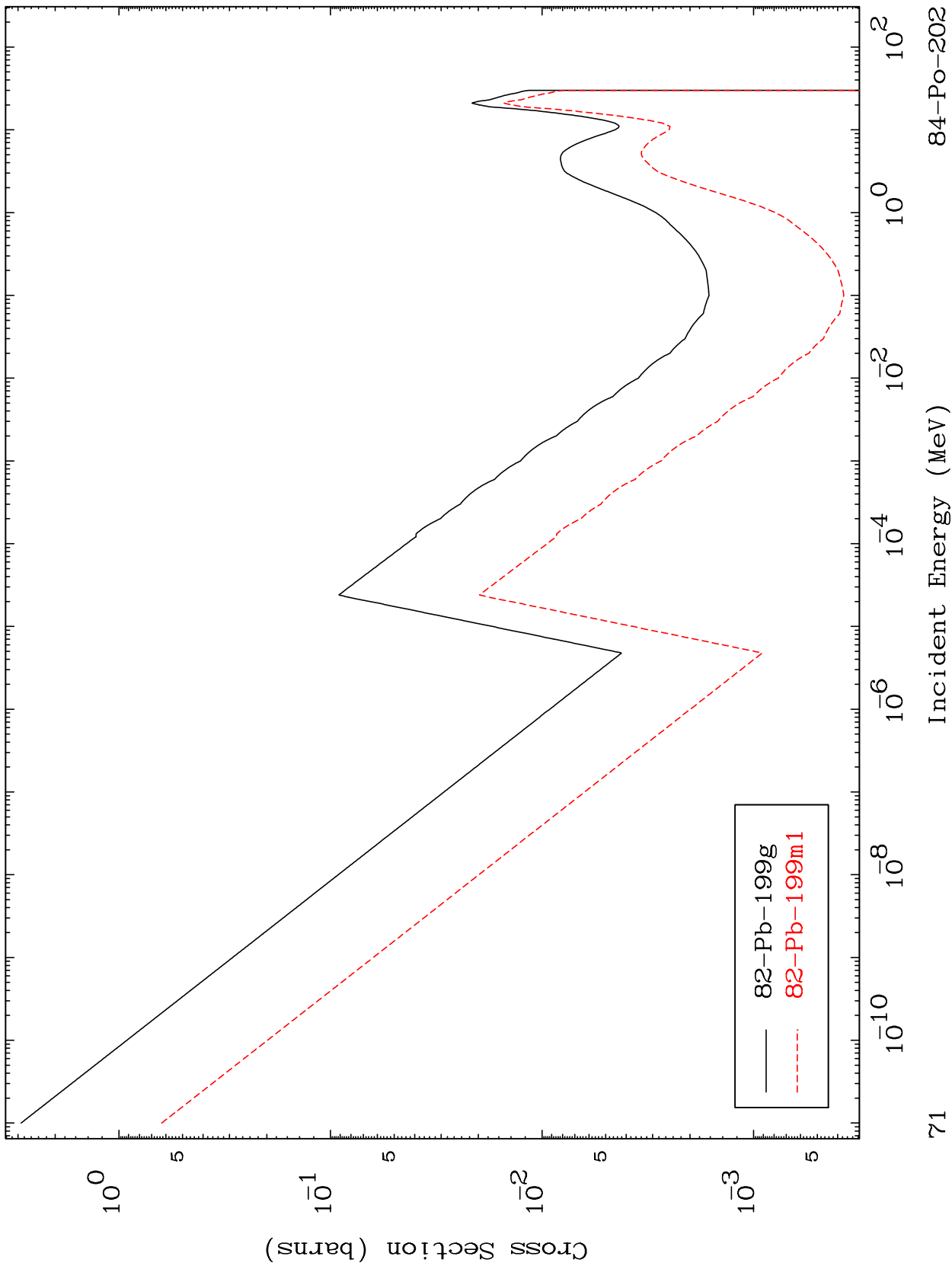


70

MAT 8413

84-Po-202

(n, α)
Radionuclide Production Cross Section

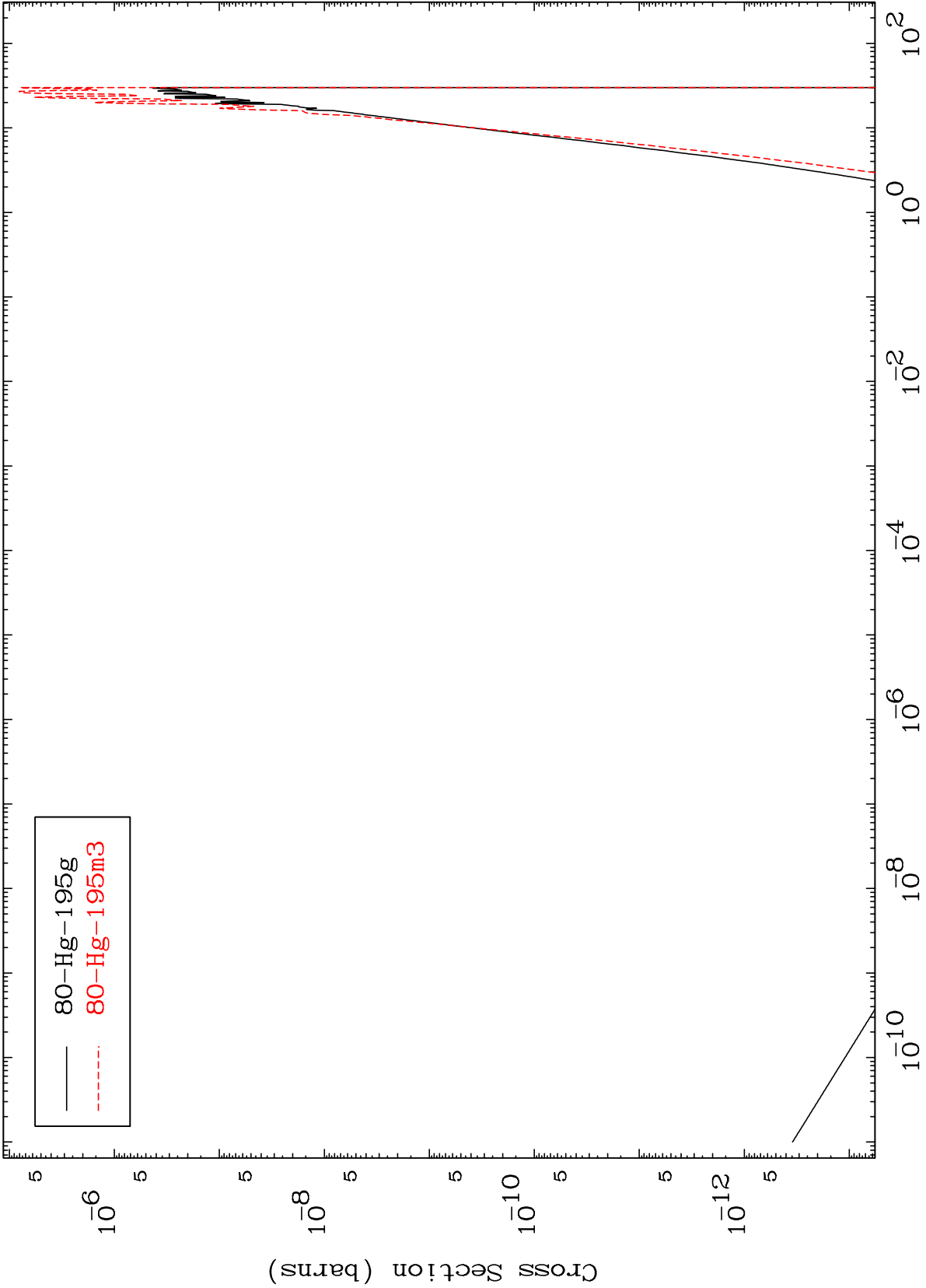
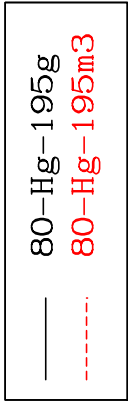


MAT 8413

(n,2α)

84-Po-202

Radionuclide Production Cross Section



72

Incident Energy (MeV)

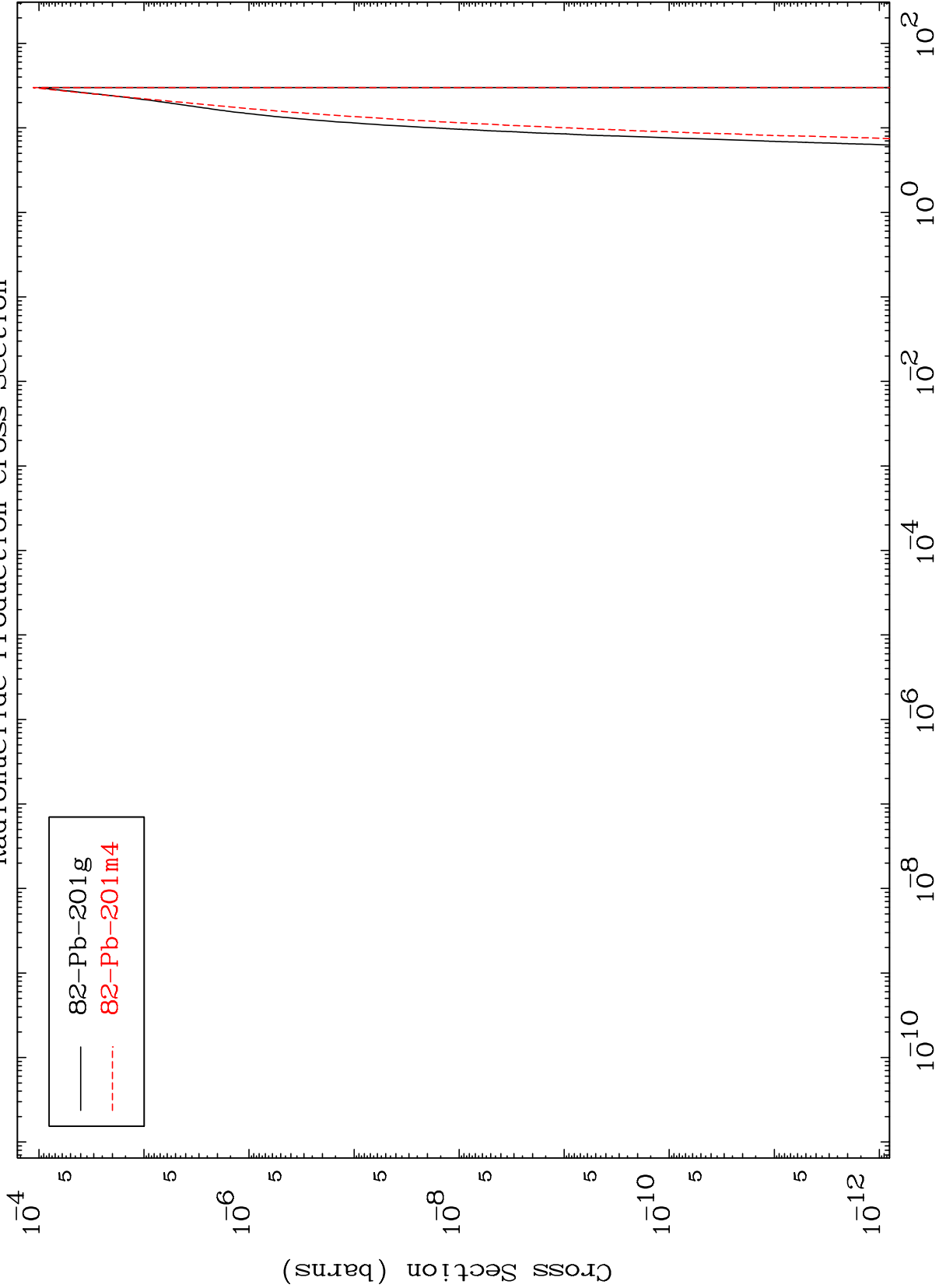
84-Po-202

MAT 8413

(n,2p)

84-Po-202

Radionuclide Production Cross Section



82-Pb-201g
82-Pb-201m4

Incident Energy (MeV)

84-Po-202

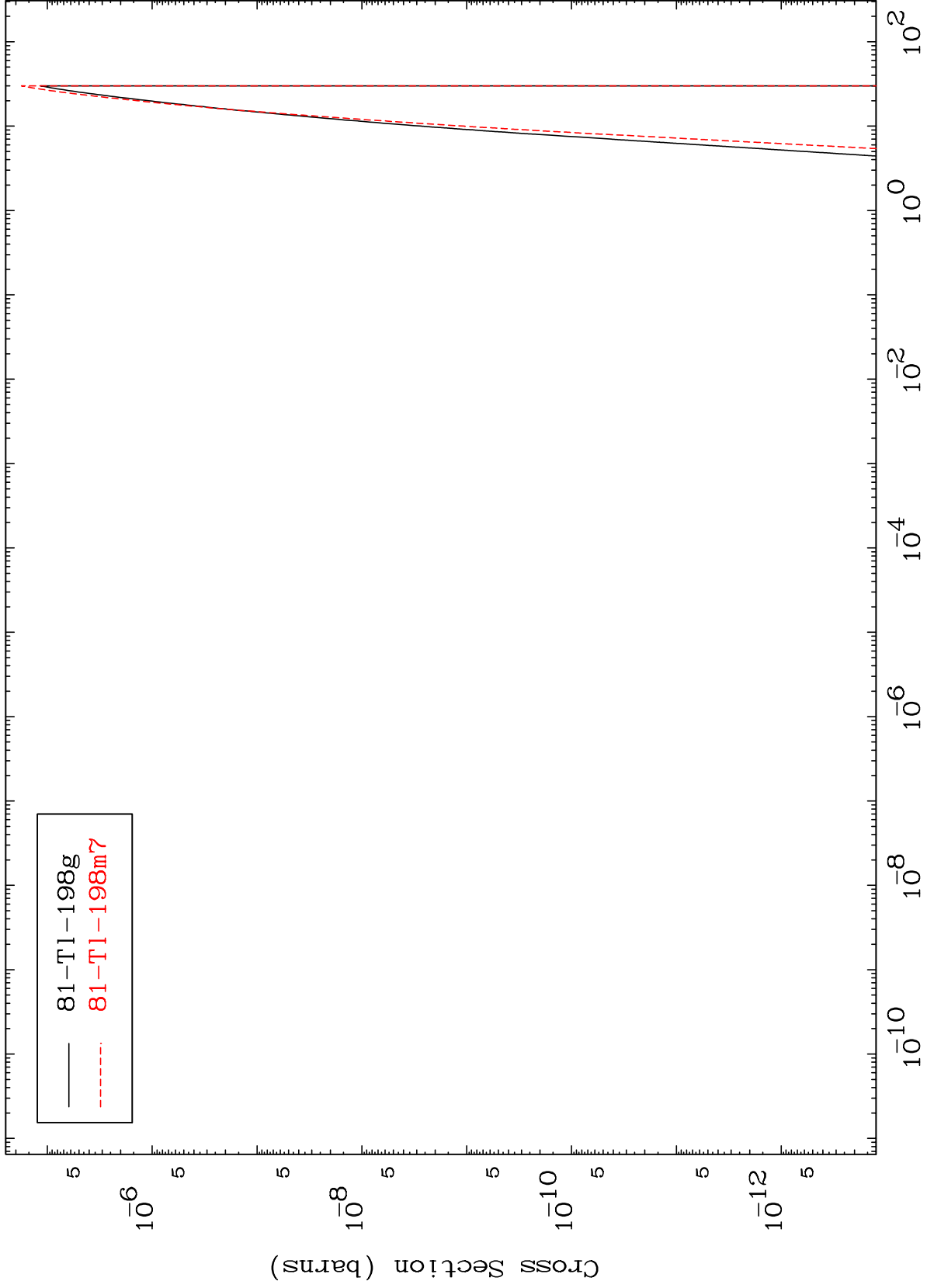
73

MAT 8413

(n,p) α

84-Po-202

Radionuclide Production Cross Section



74

Incident Energy (MeV)

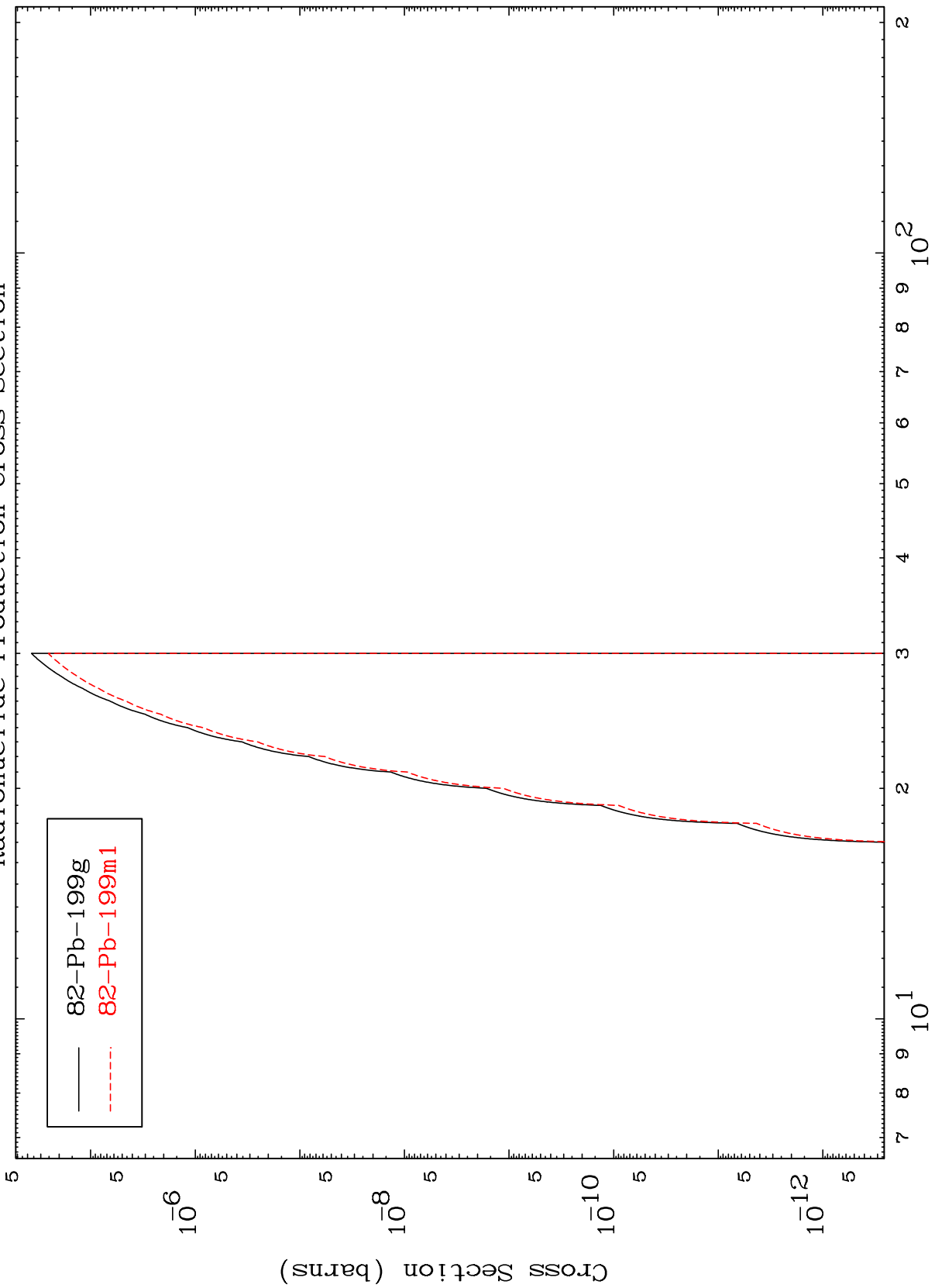
84-Po-202

MAT 8413

(n,p) t

84-Po-202

Radionuclide Production Cross Section



75

Incident Energy (MeV)

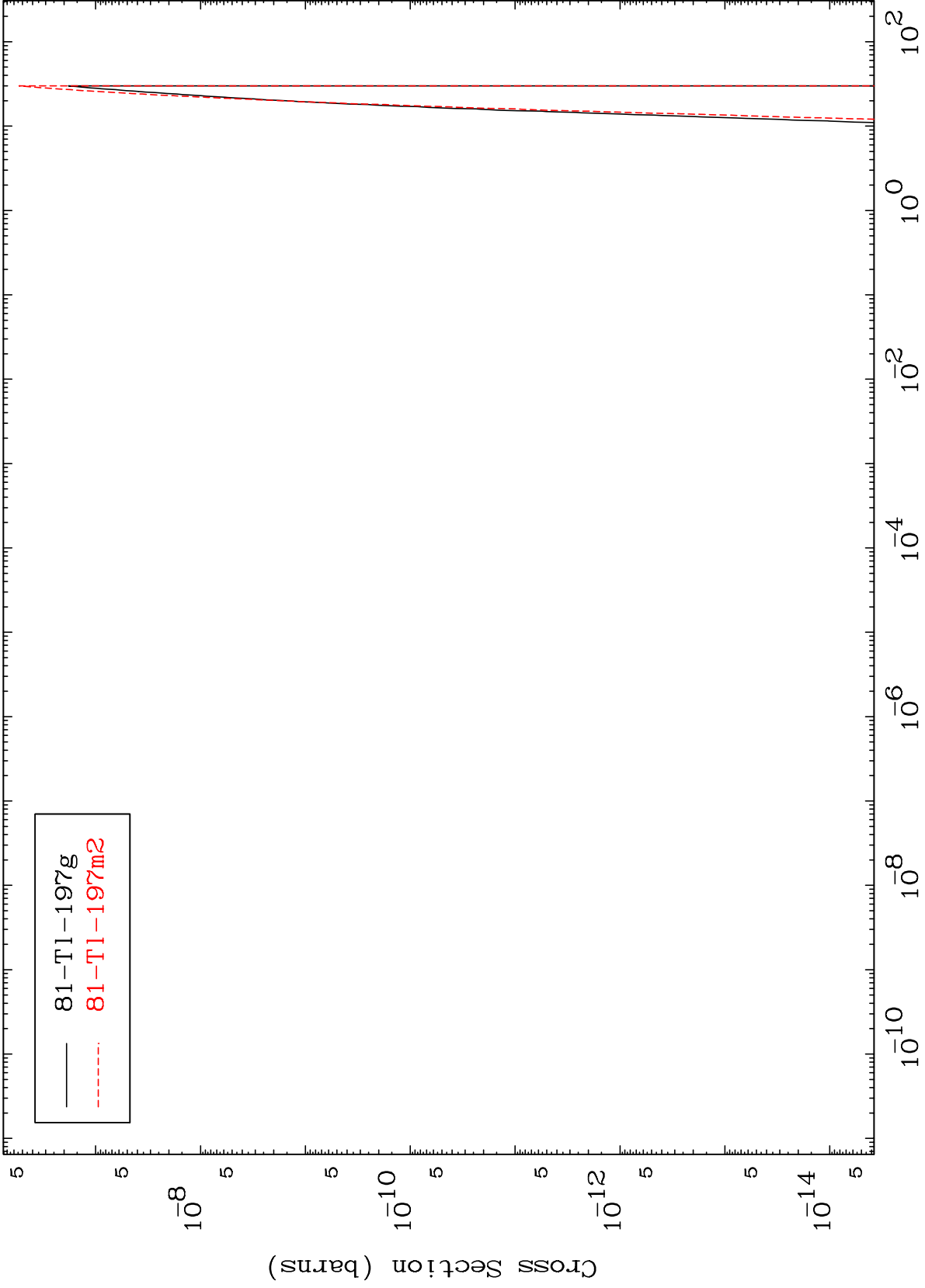
84-Po-202

MAT 8413

(n,d) α

84-Po-202

Radionuclide Production Cross Section



76

Incident Energy (MeV)

84-Po-202