

Program EVALPLOT
(Version 2017-1)

by

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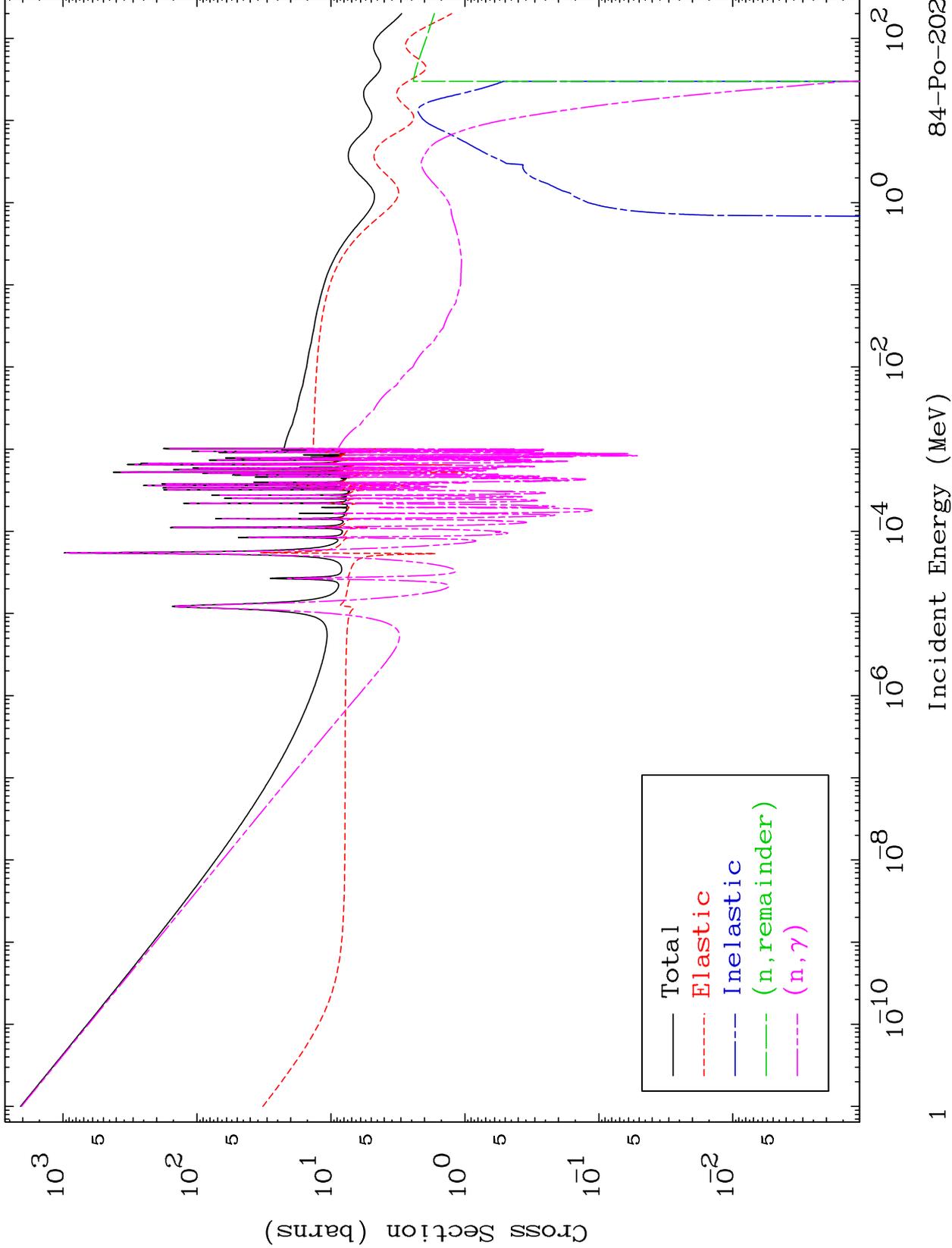
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MAT 8413

Major

293 Kelvin Cross Sections

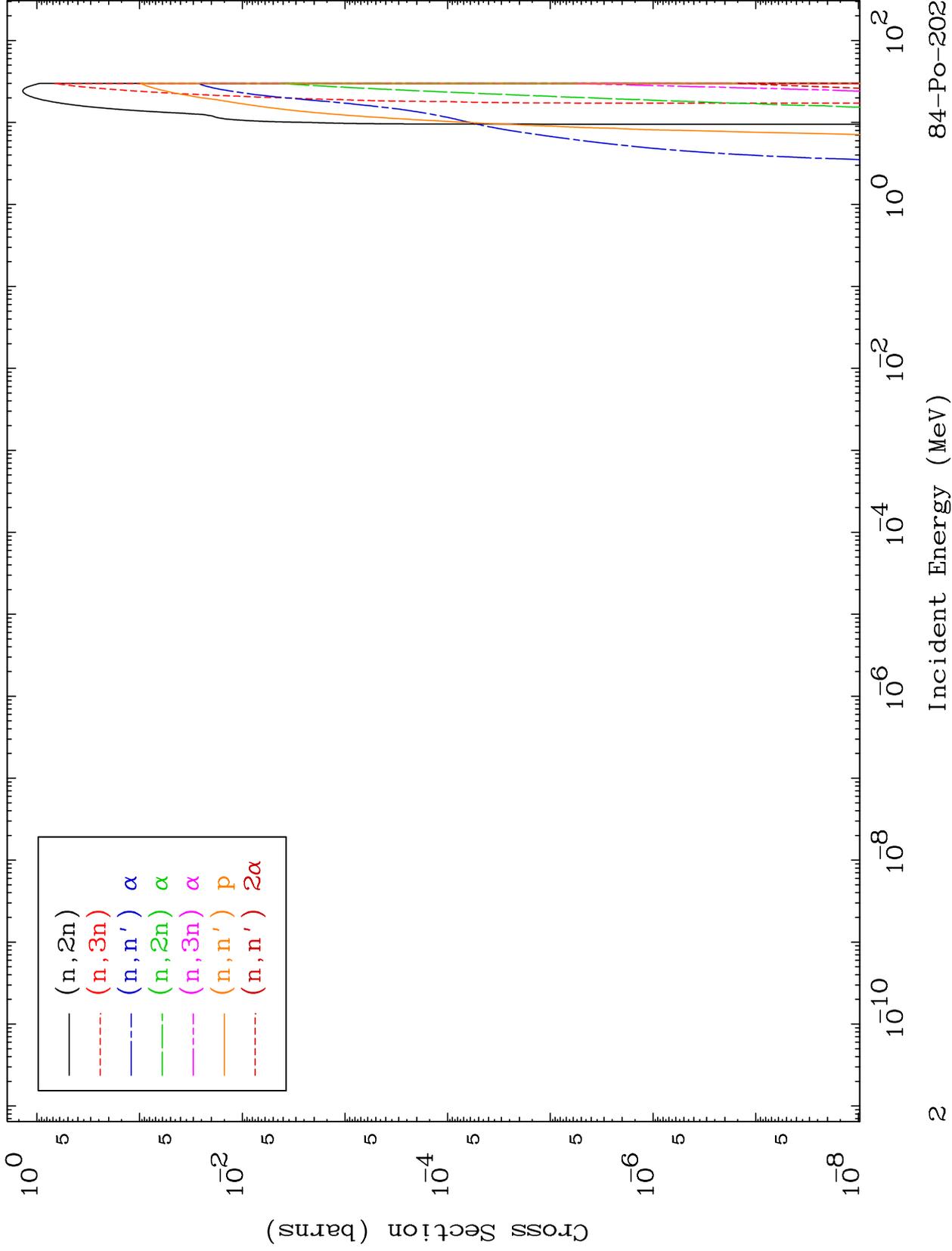
84-Po-202



MAT 8413

Neutron Production
293 Kelvin Cross Sections

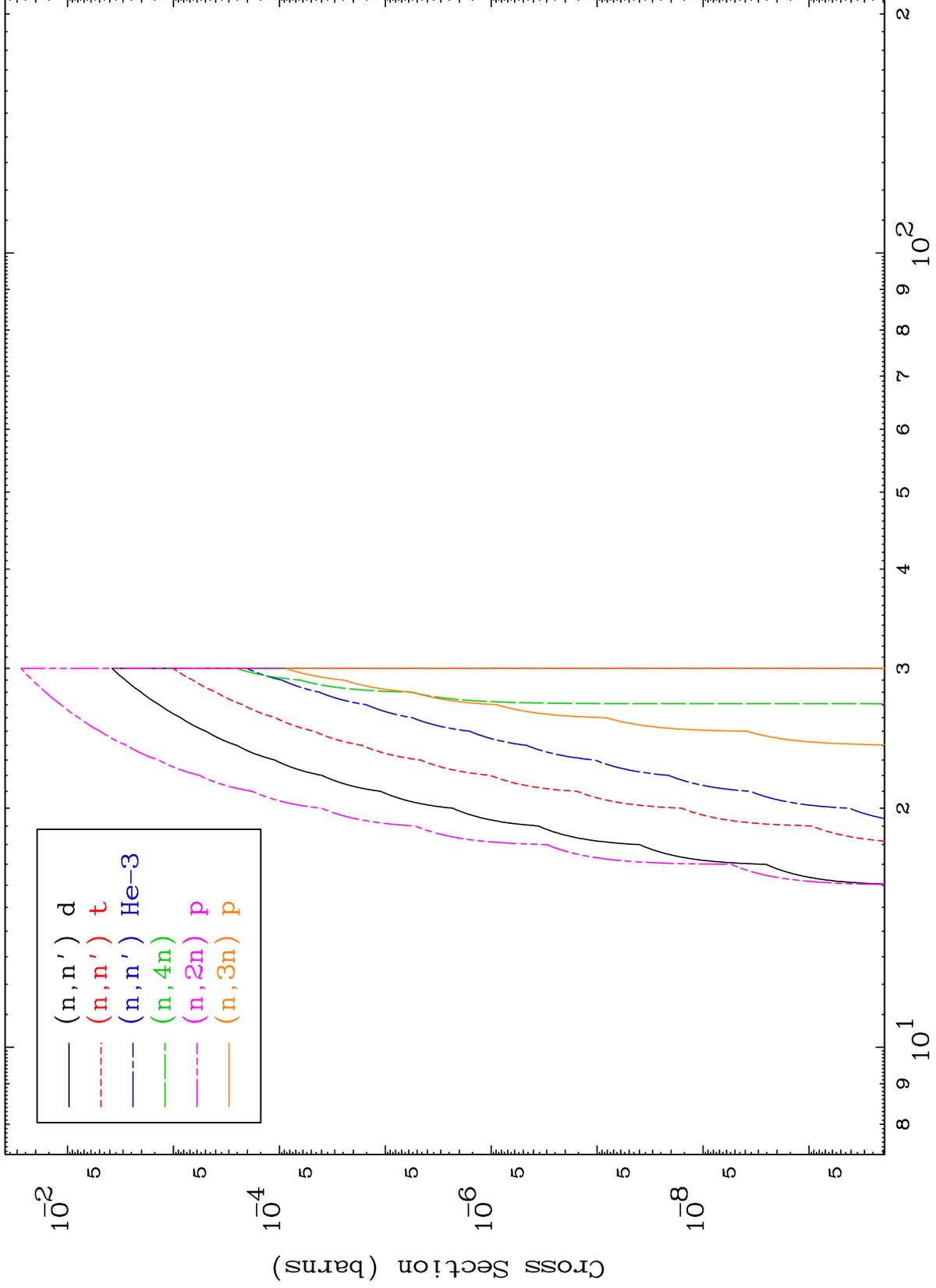
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MAT 8413

Neutron Production
293 Kelvin Cross Sections

84-Po-202



3

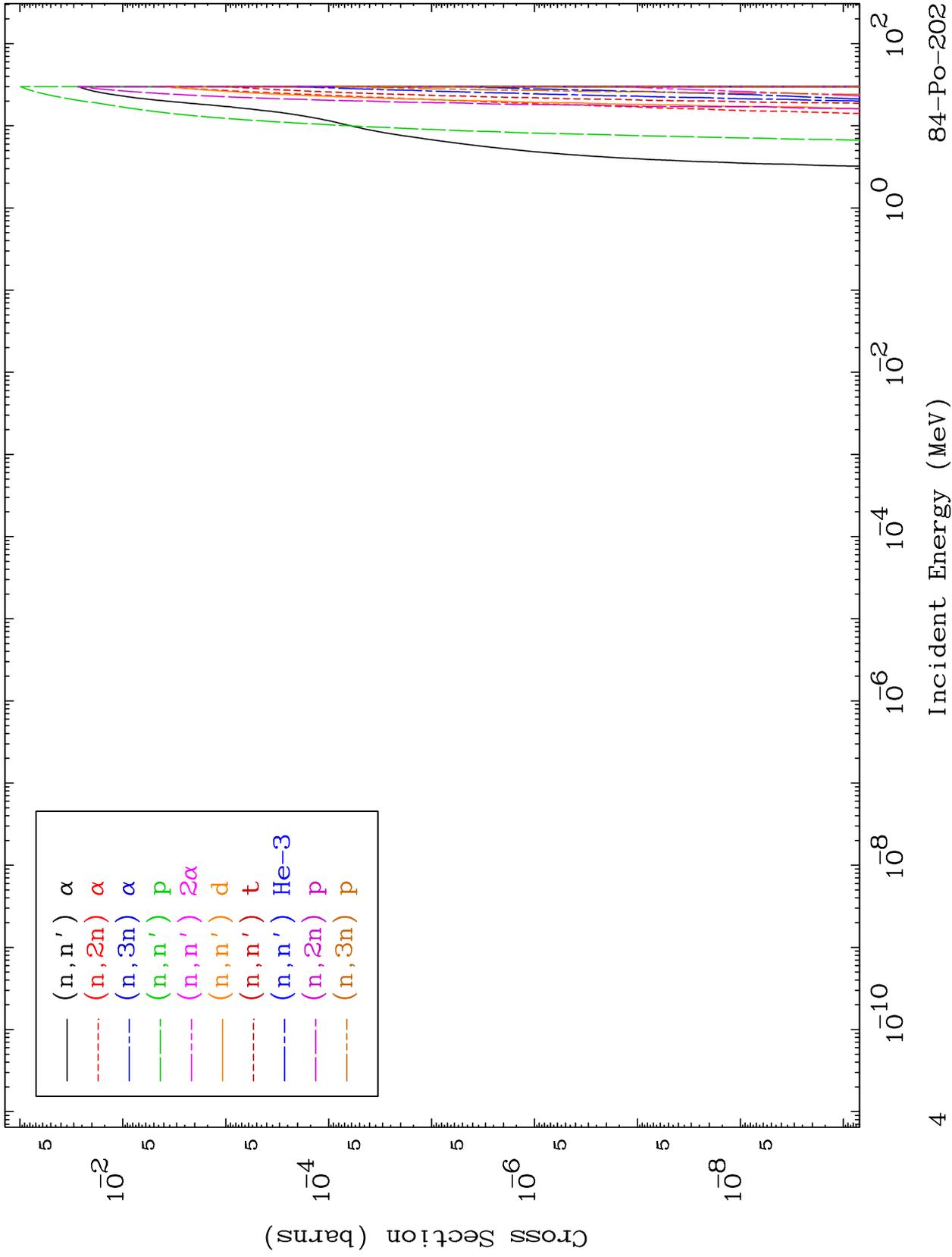
Incident Energy (MeV)

84-Po-202

MAT 8413

Charged Particle
293 Kelvin Cross Sections

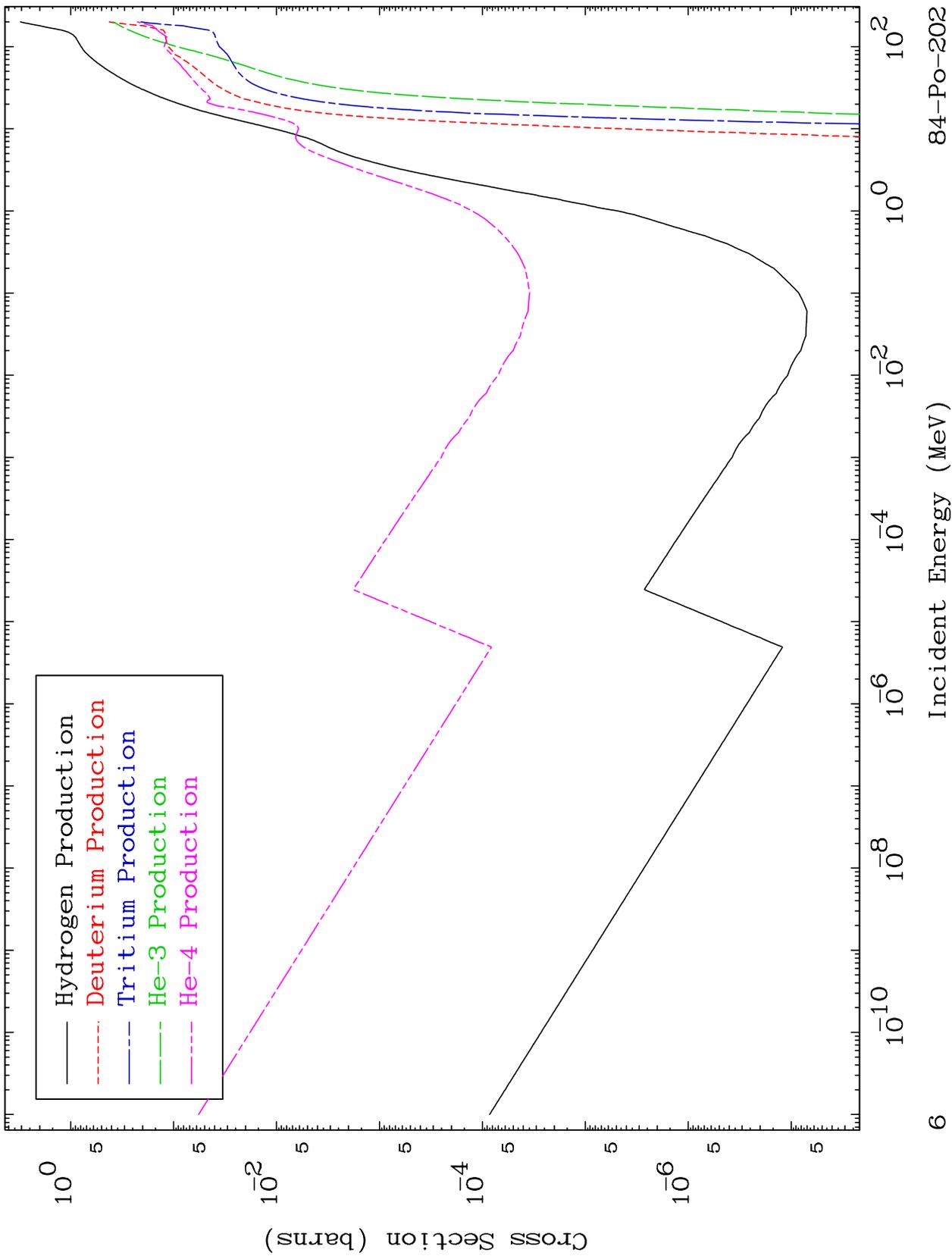
84-Po-202



MAT 8413

Particle Production
293 Kelvin Cross Sections

84-Po-202

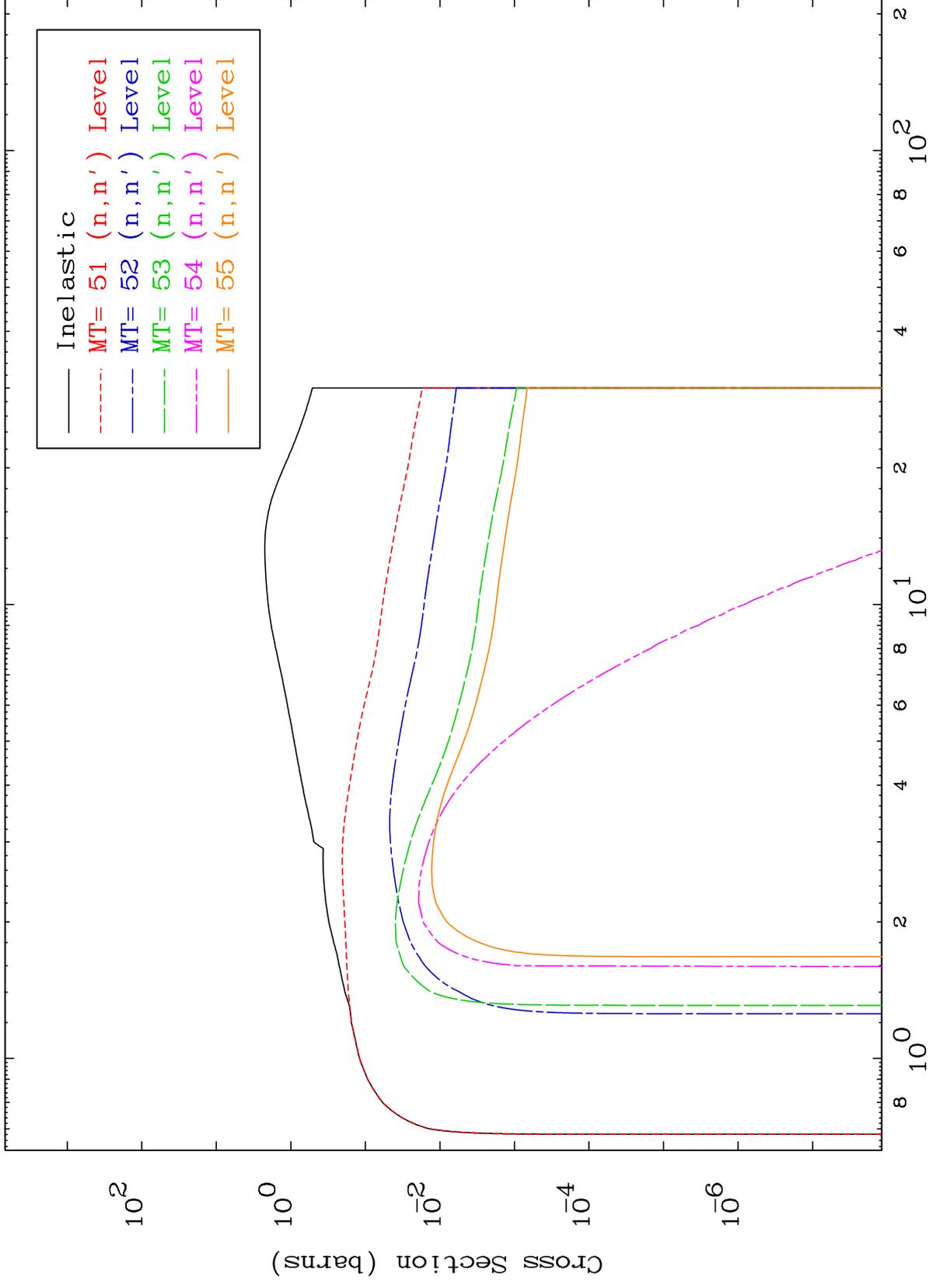


MAT 8413

(n,n') Level

84-Po-202

293 Kelvin Cross Sections

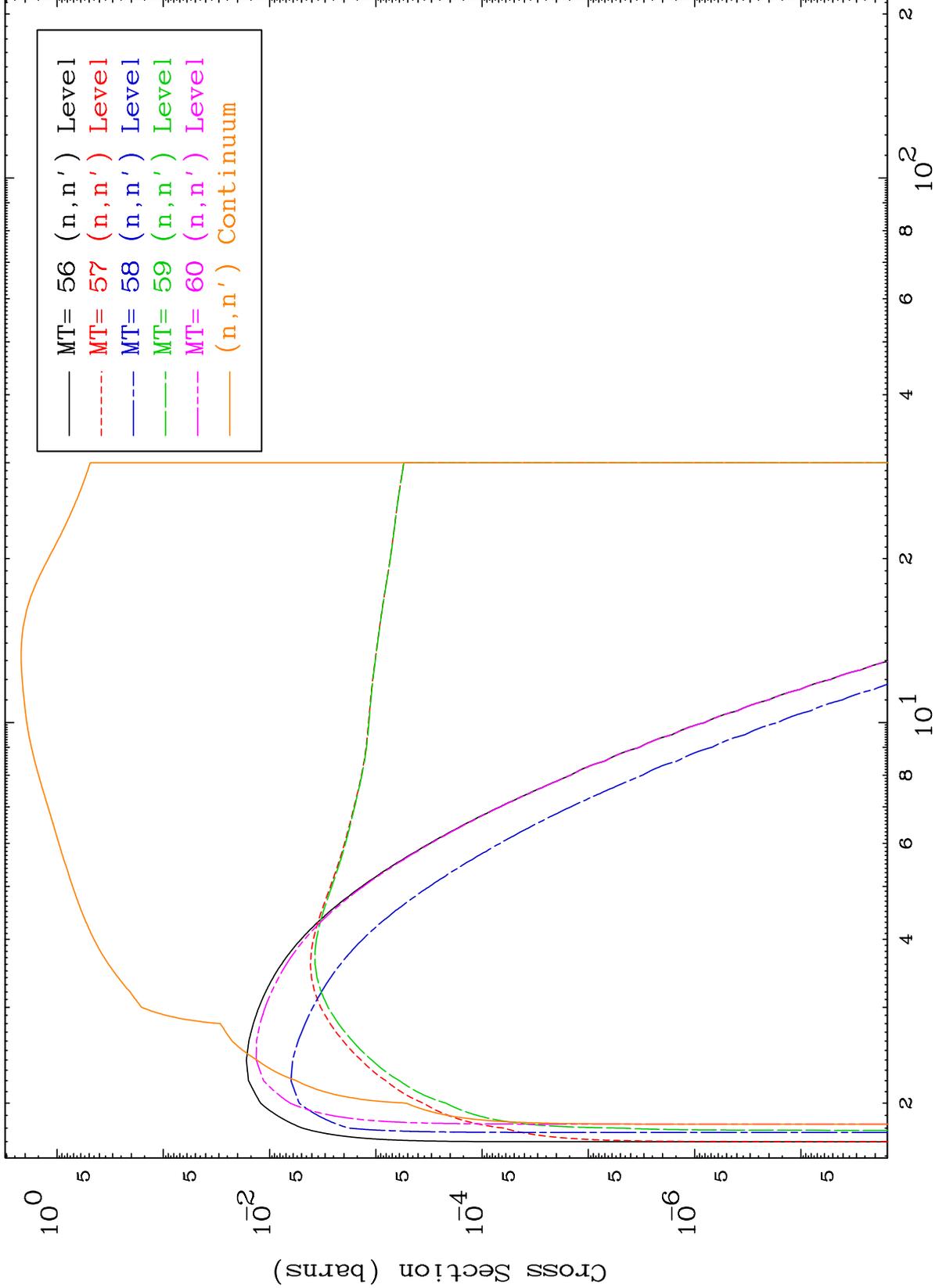


MAT 8413

(n,n') Level

84-Po-202

293 Kelvin Cross Sections



8

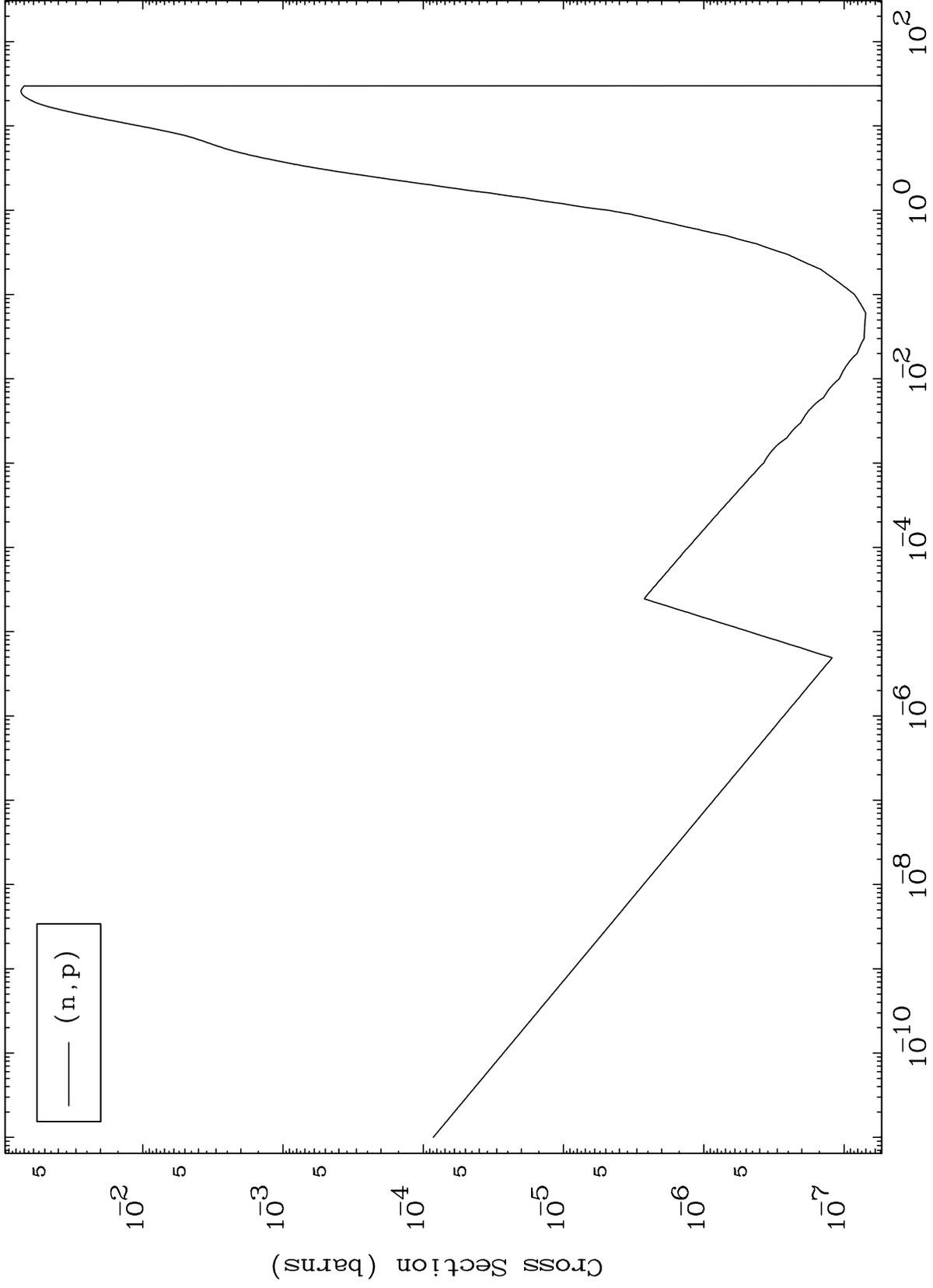
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,p) Levels
293 Kelvin Cross Sections

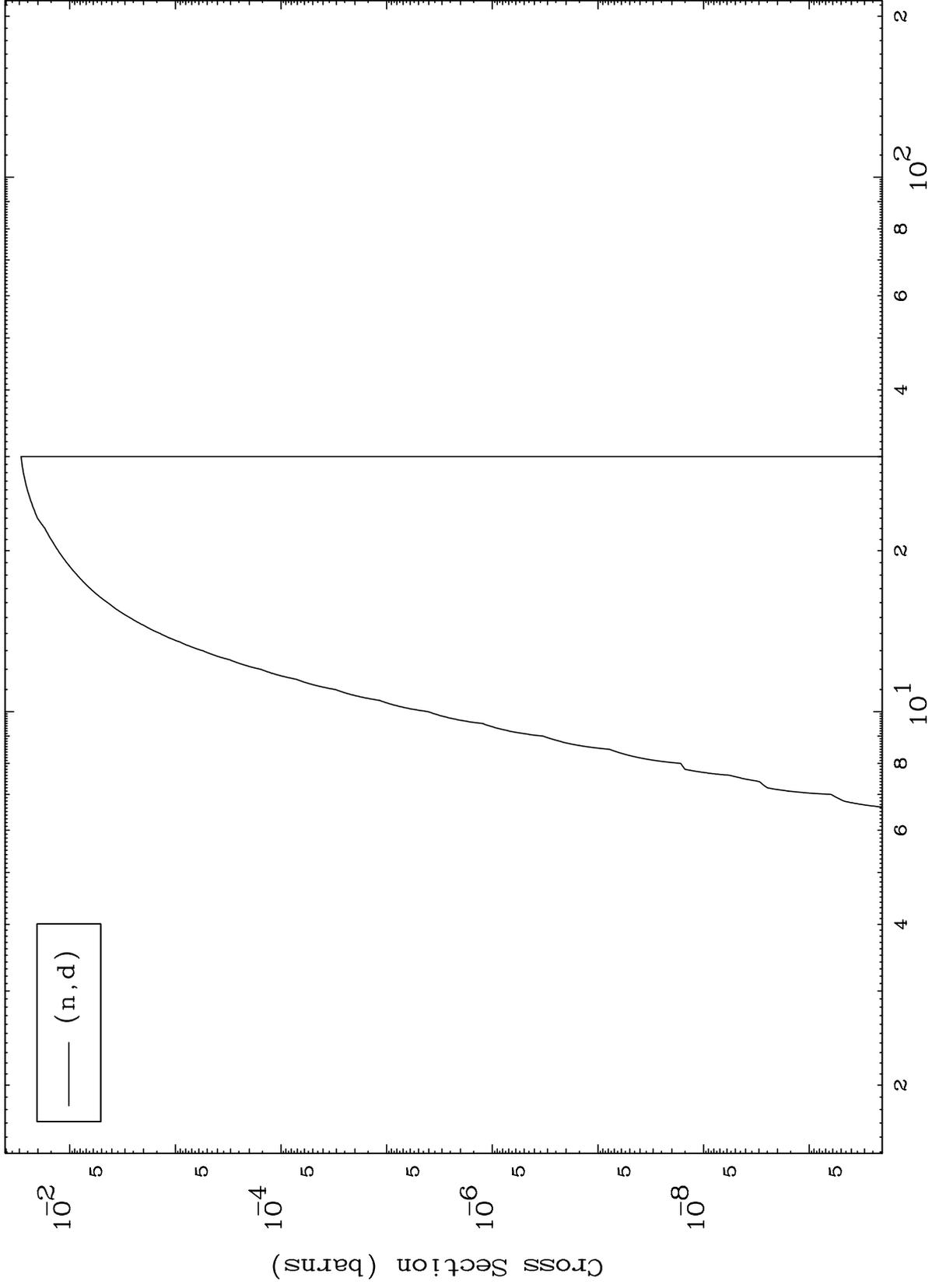
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MAT 8413

(n,d) Levels
293 Kelvin Cross Sections

84-Po-202



10

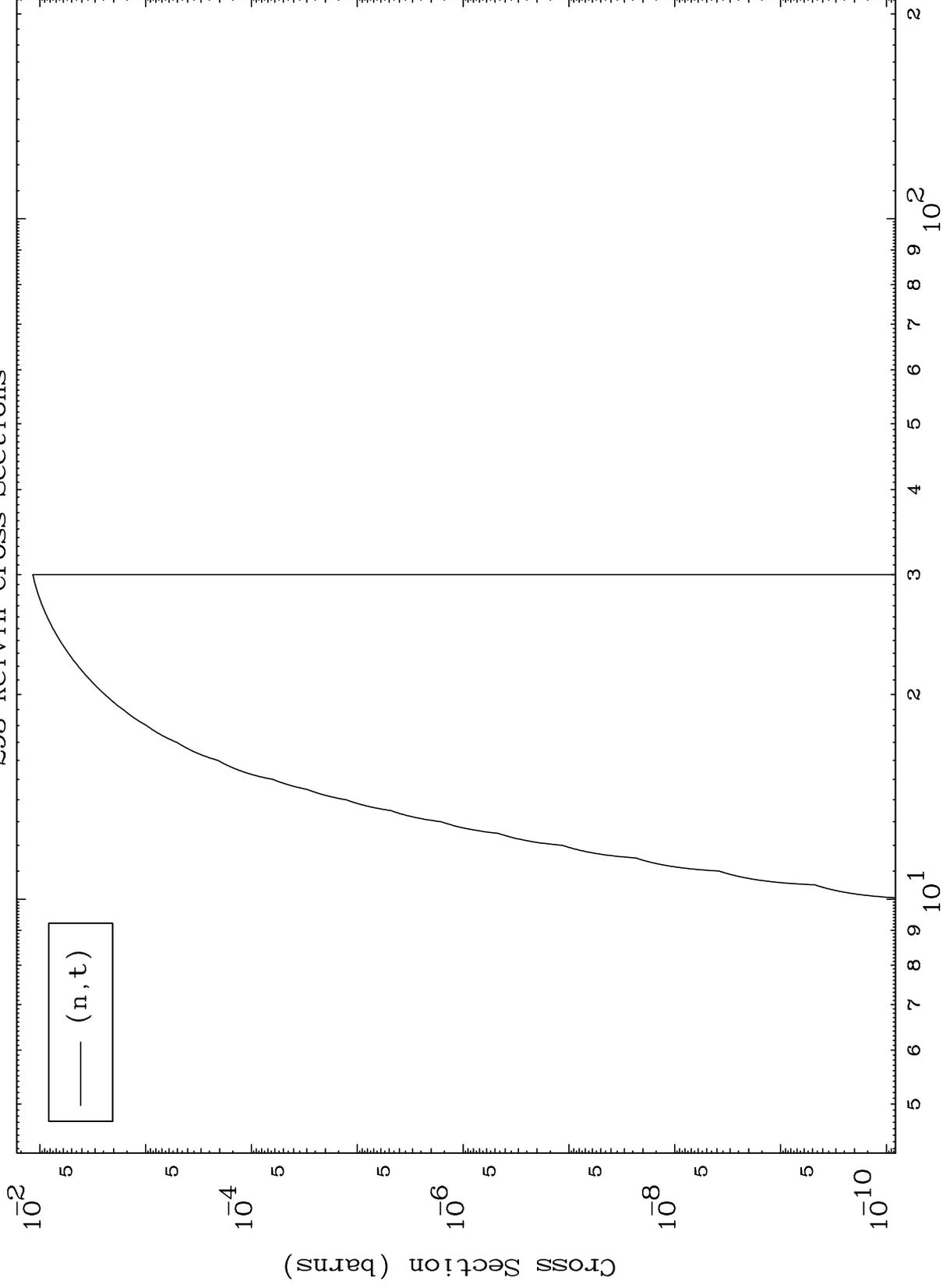
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,t) Levels
293 Kelvin Cross Sections

84-Po-202



11

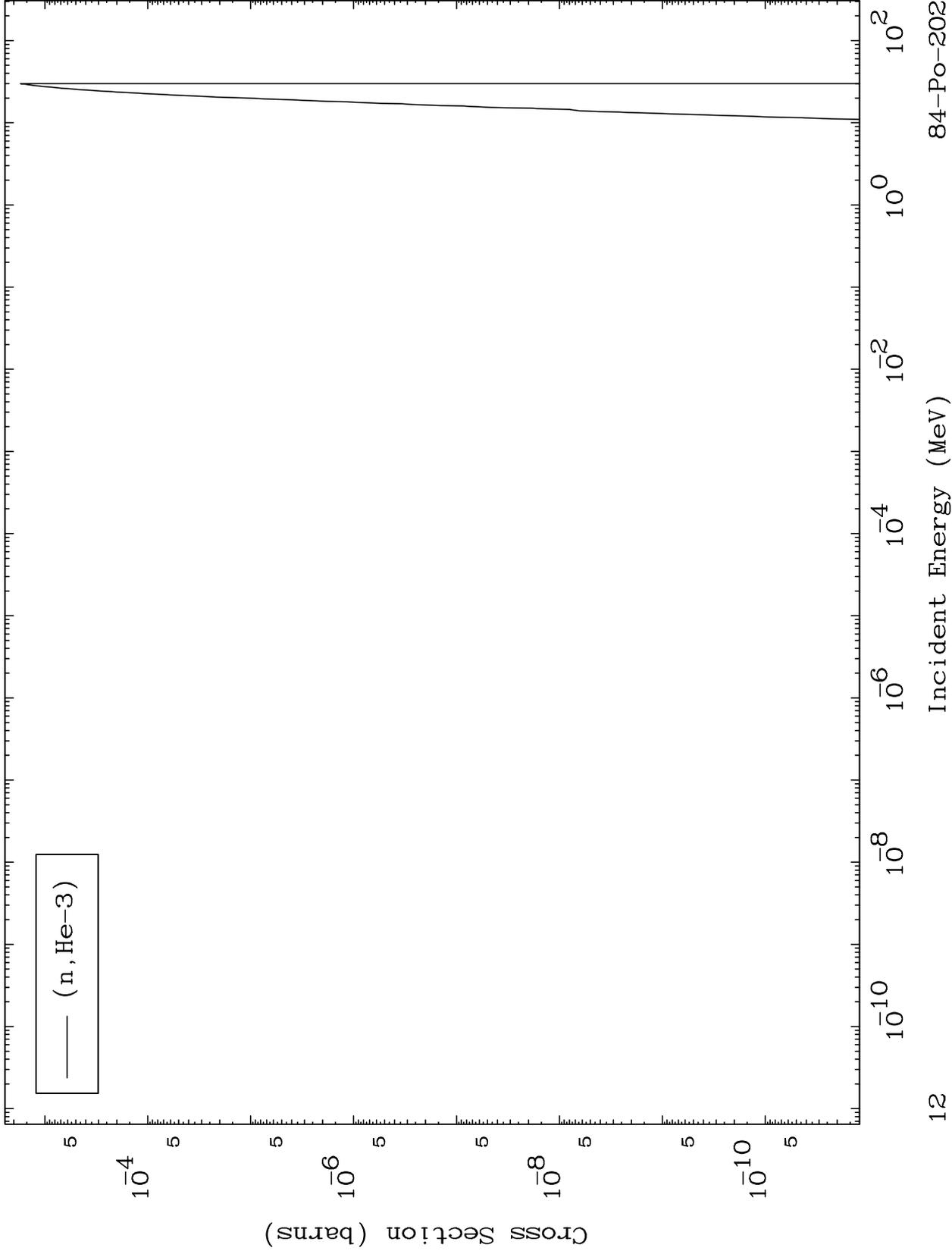
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,He3) Levels
293 Kelvin Cross Sections

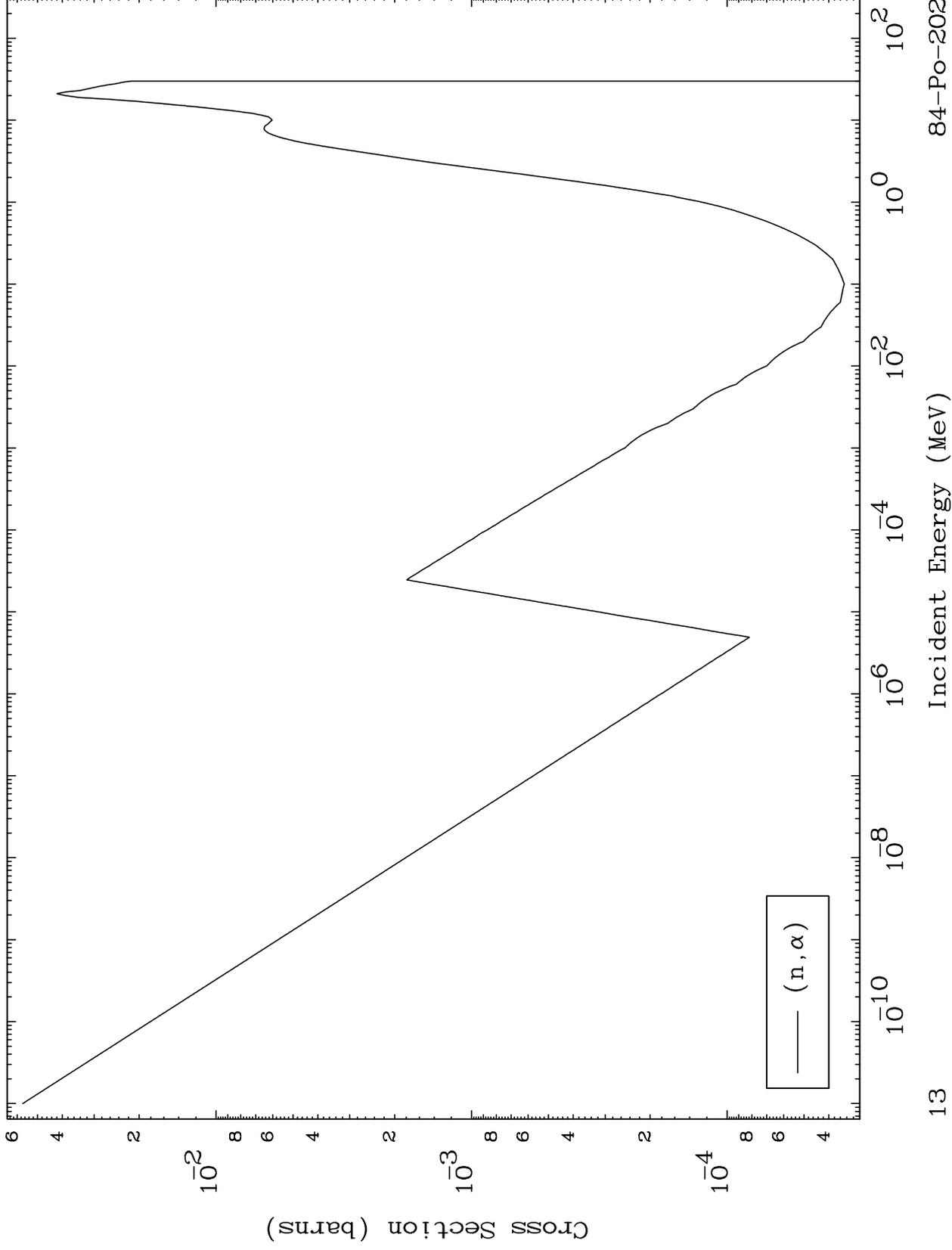
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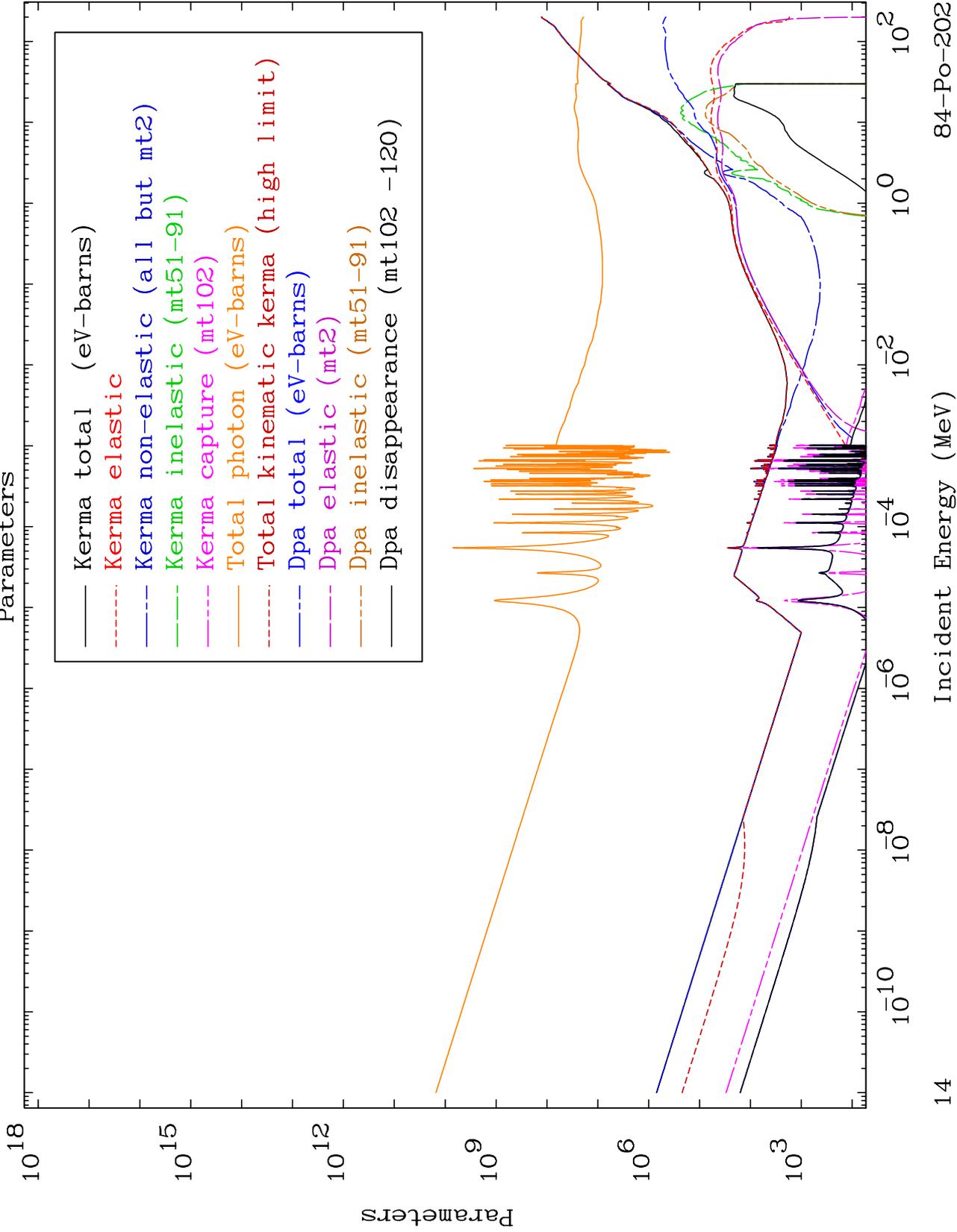
MAT 8413

(n, α) Levels
293 Kelvin Cross Sections

84-Po-202



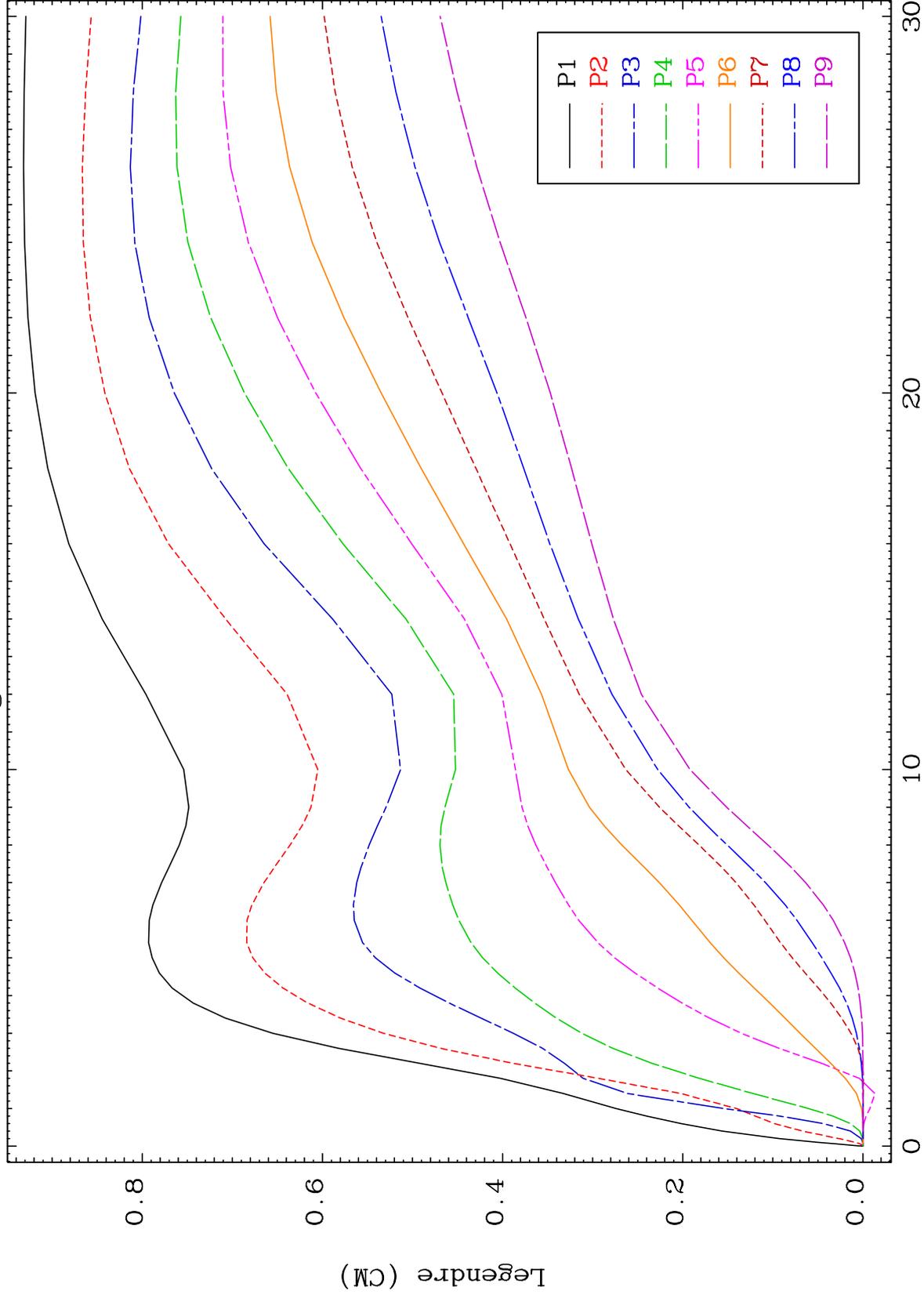
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MAT 8413

Elastic Legendre Coefficients

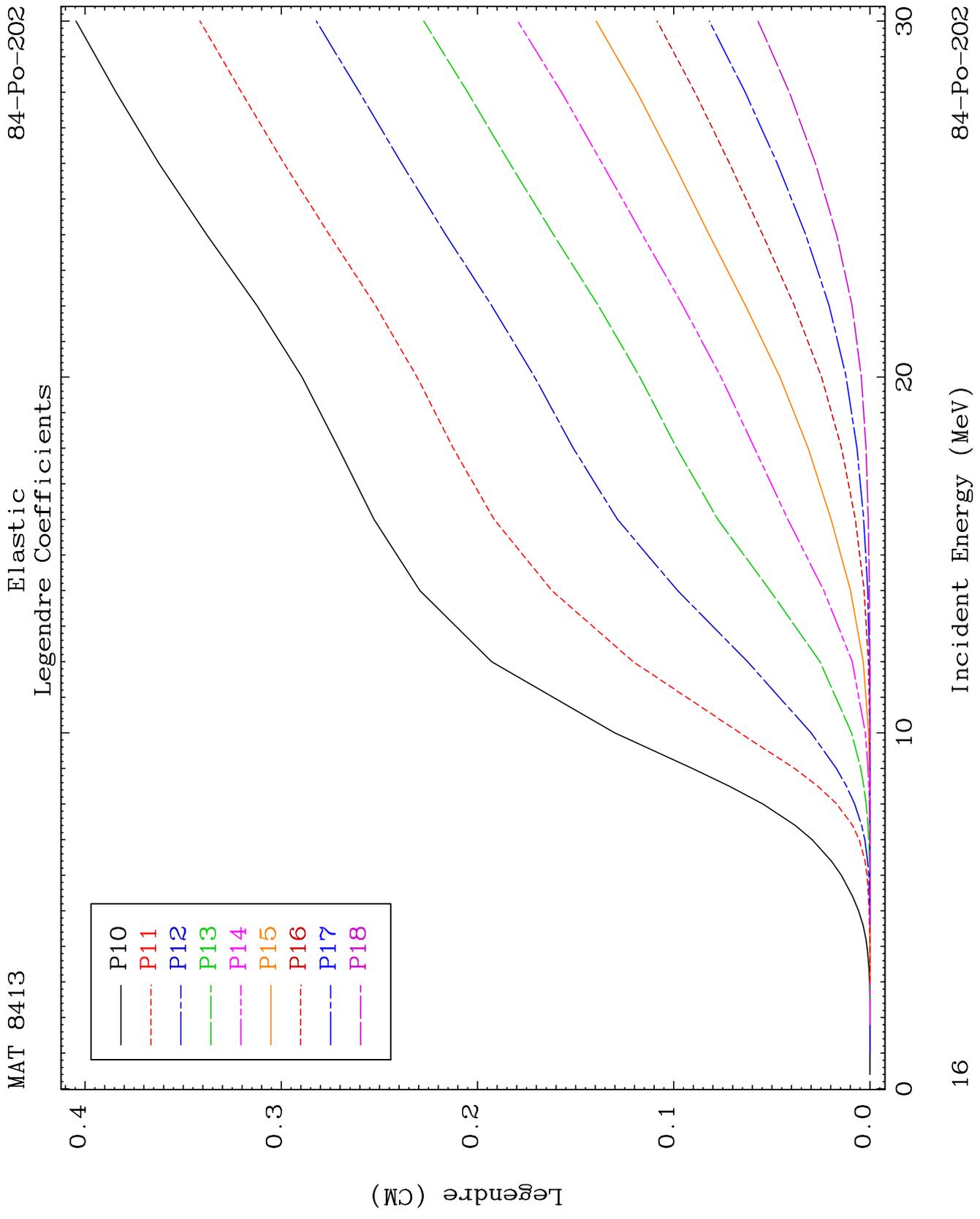
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Incident Energy (MeV)

84-Po-202

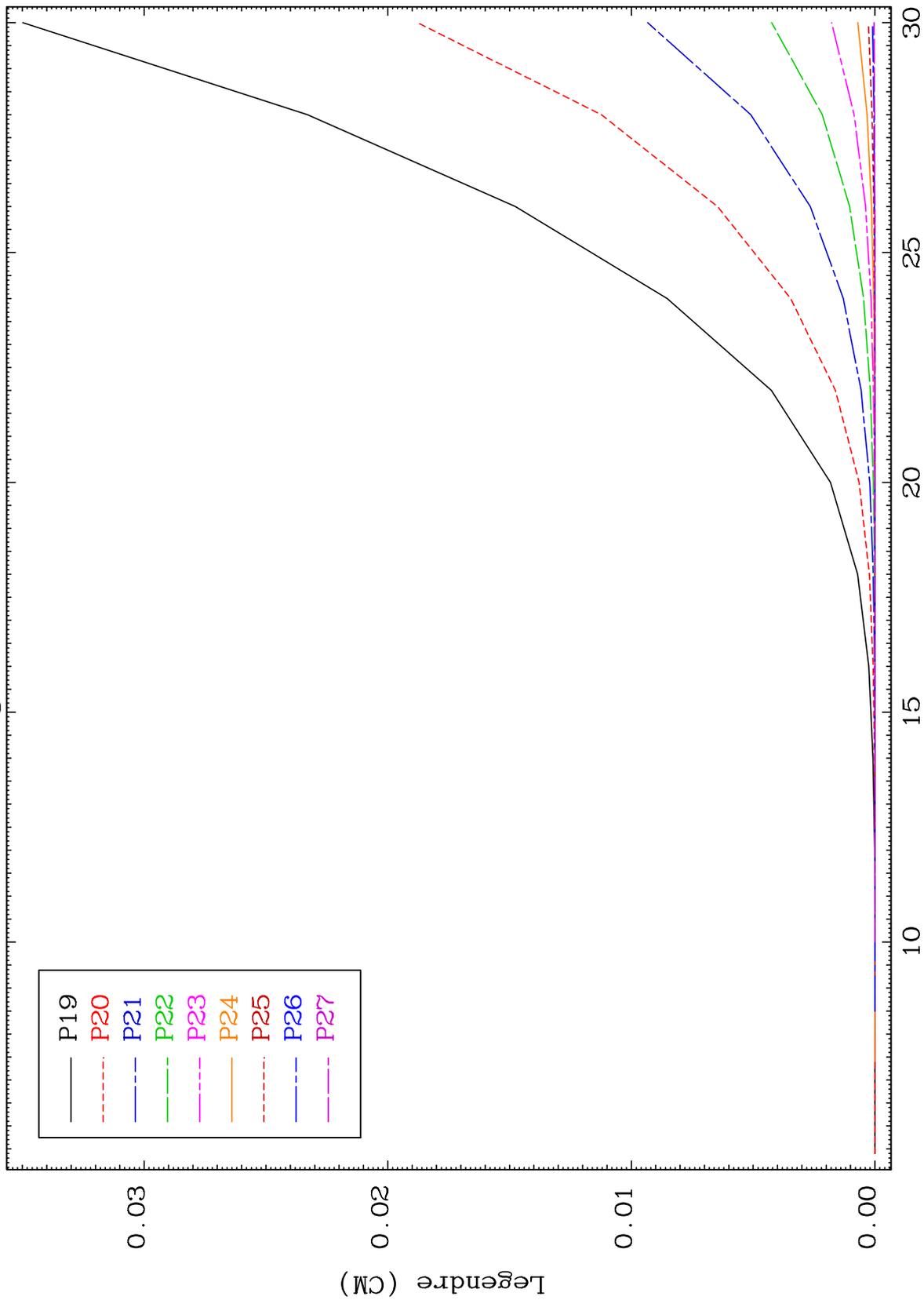
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MAT 8413

Elastic
Legendre Coefficients

84-Po-202



17

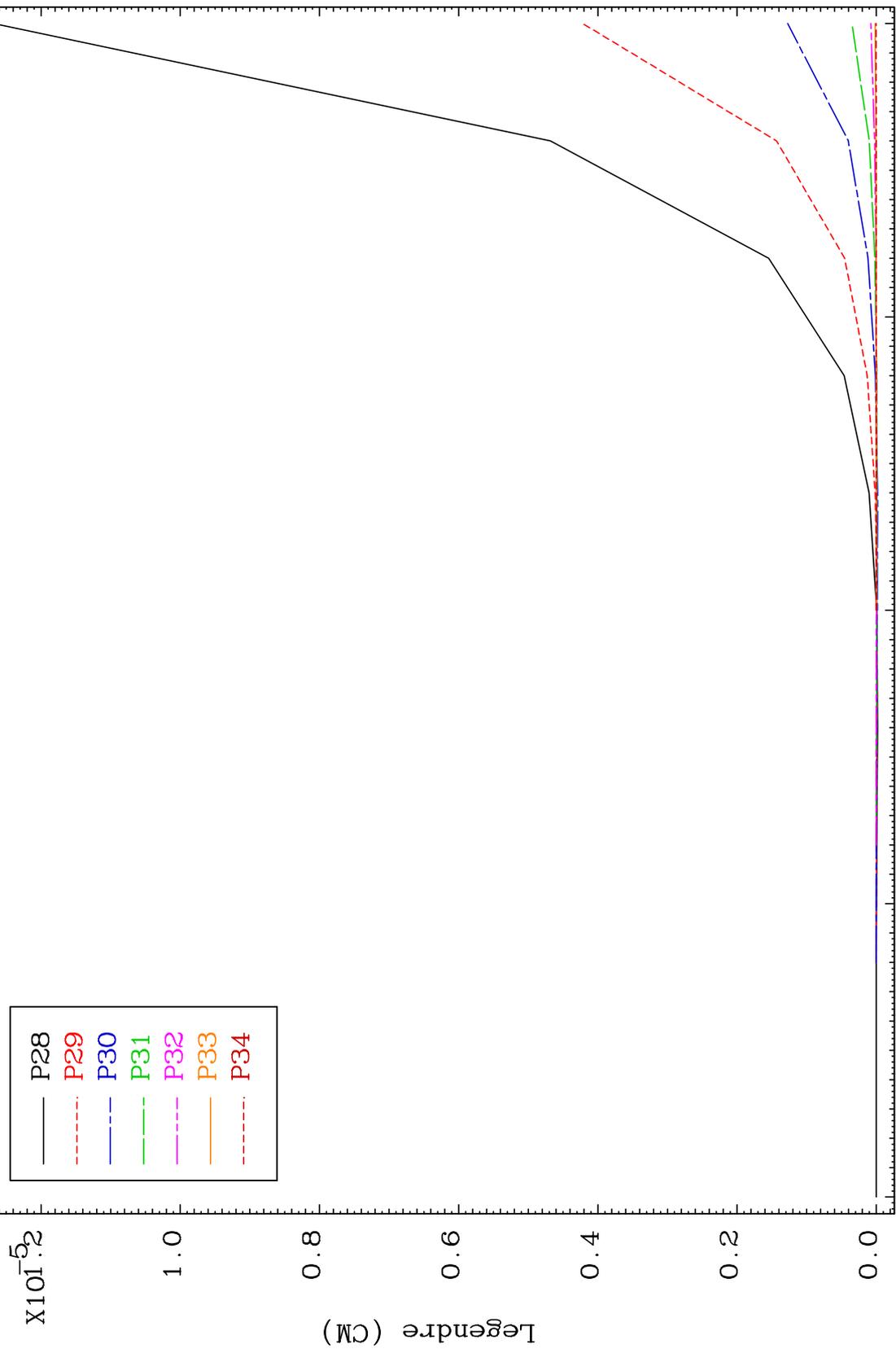
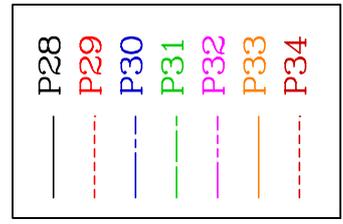
Incident Energy (MeV)

84-Po-202

MAT 8413

Elastic
Legendre Coefficients

84-Po-202



18

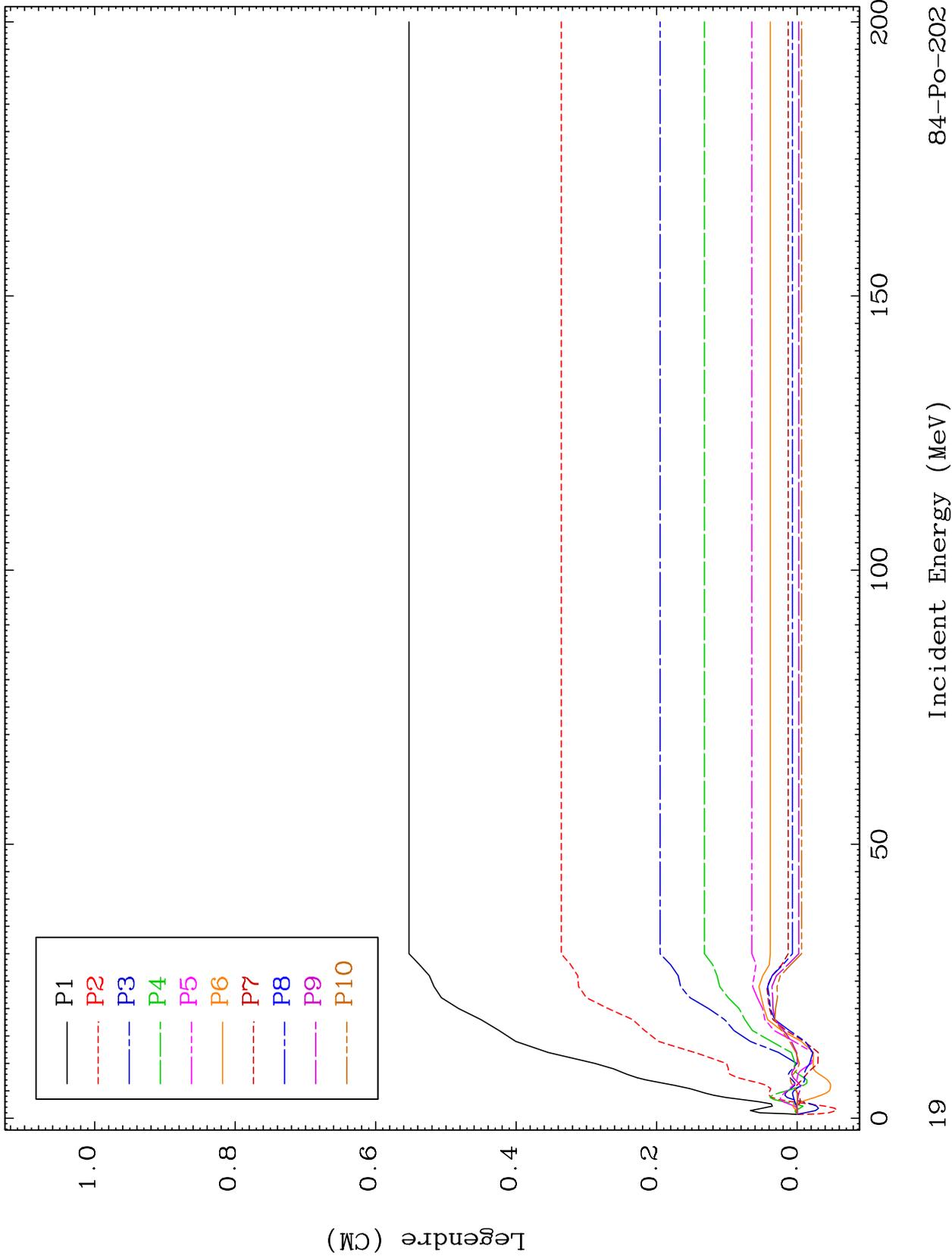
Incident Energy (MeV)

84-Po-202

MAT 8413

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

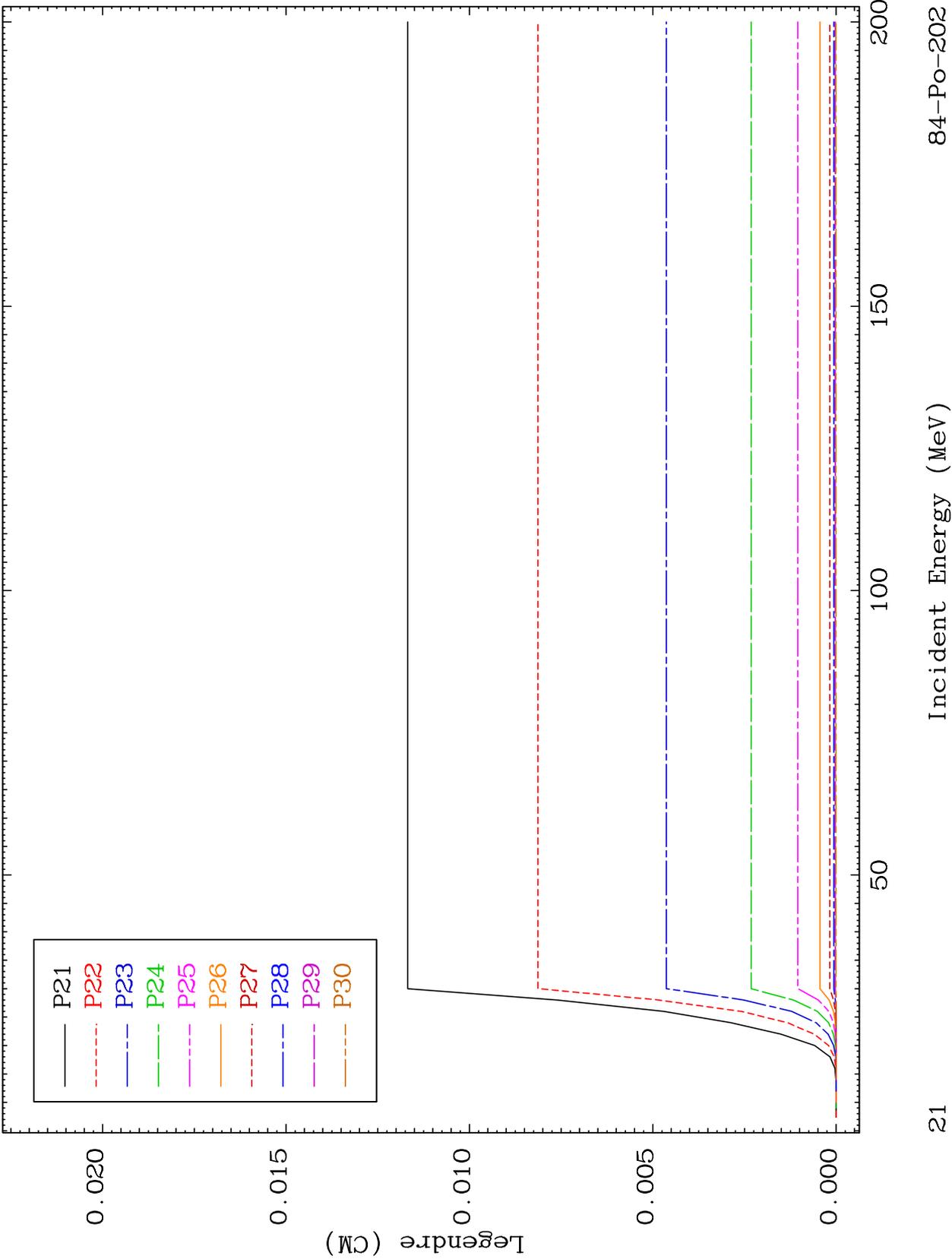
84-Po-202



19

Incident Energy (MeV)

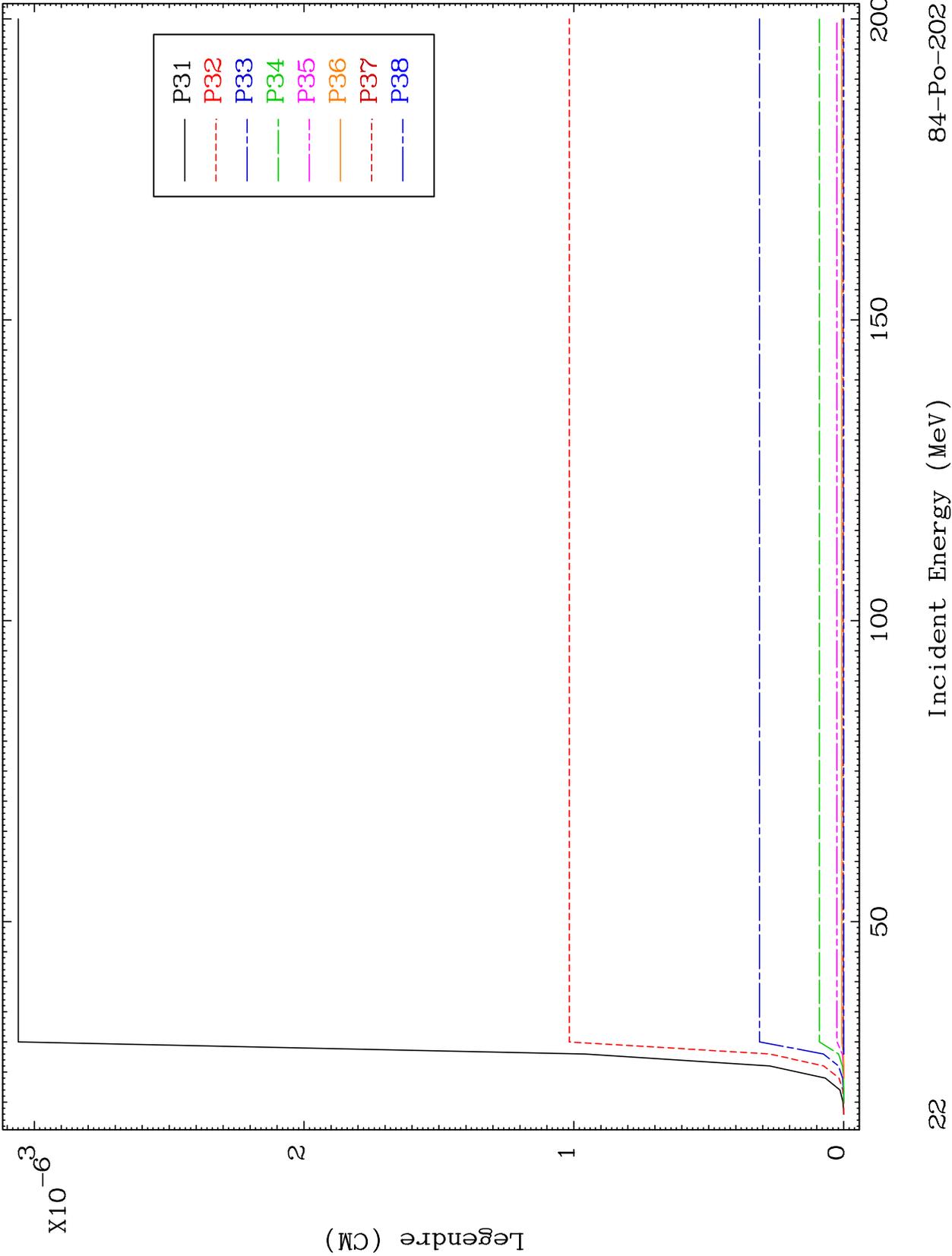
84-Po-202



MAT 8413

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

84-Po-202



22

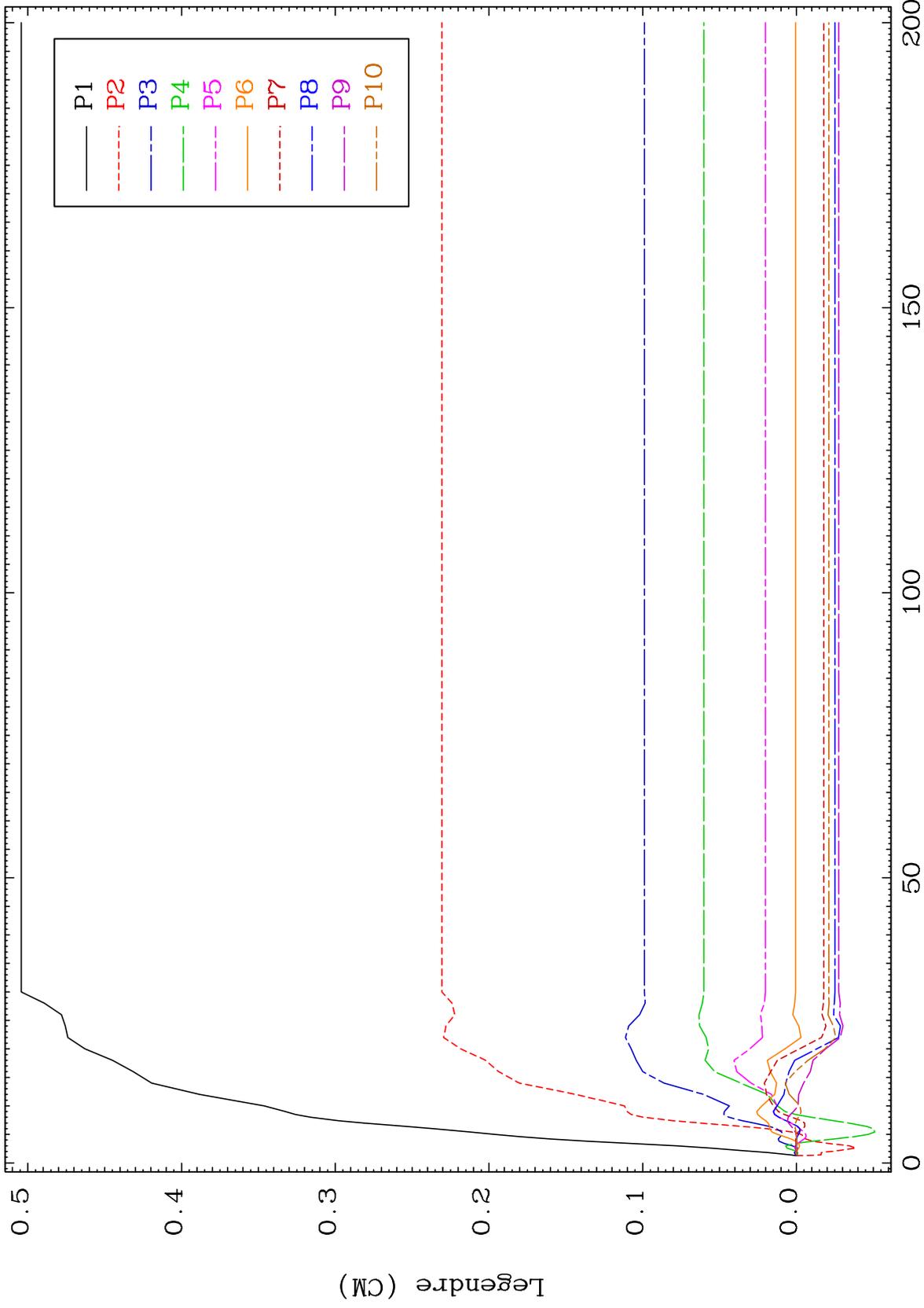
Incident Energy (MeV)

84-Po-202

MAT 8413

MT= 52 (n,n') Level
Legendre Coefficients

84-Po-202



23

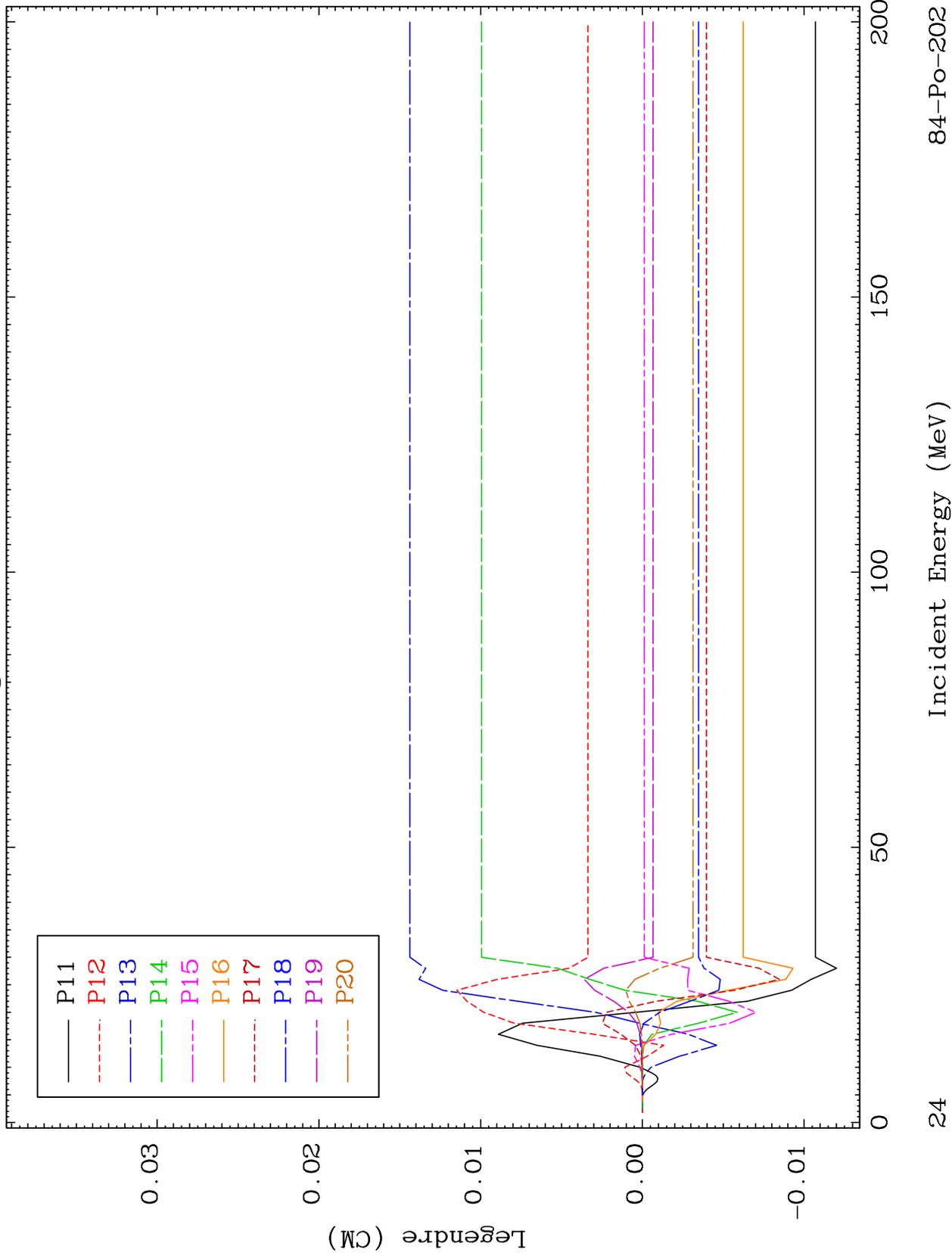
Incident Energy (MeV)

84-Po-202

MAT 8413

MT= 52 (n,n') Level
Legendre Coefficients

84-Po-202



24

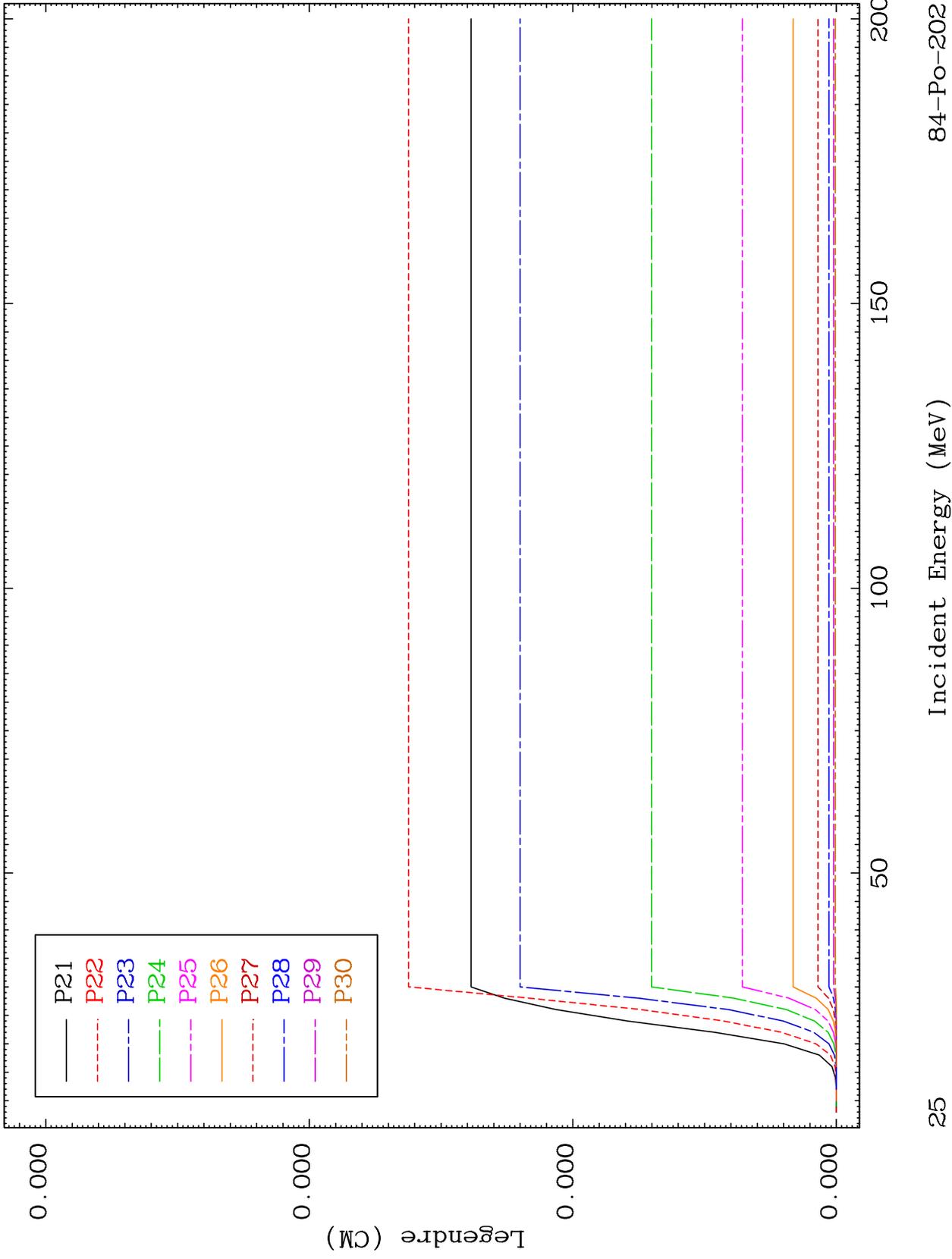
Incident Energy (MeV)

84-Po-202

MAT 8413

MT= 52 (n,n') Level
Legendre Coefficients

84-Po-202



84-Po-202

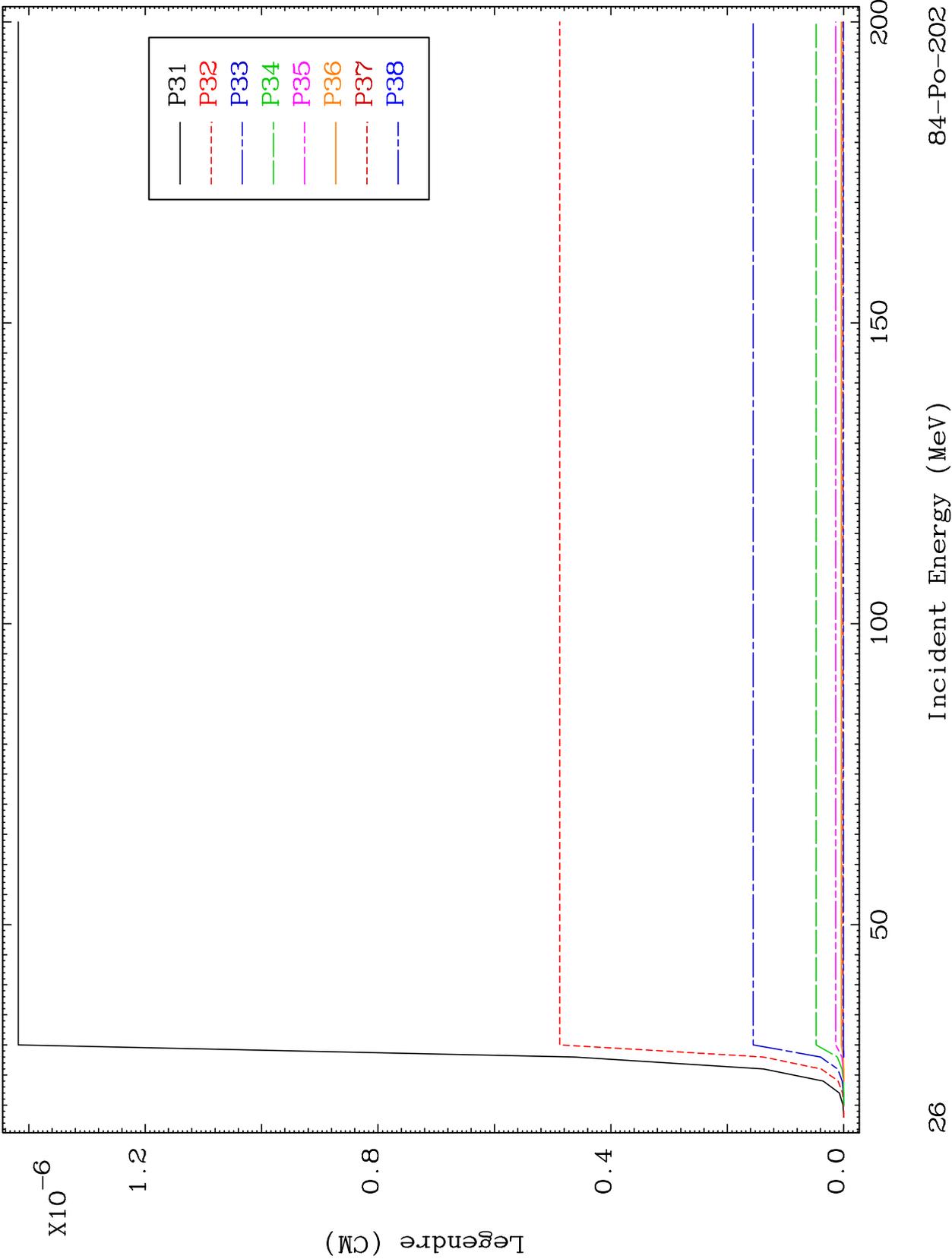
Incident Energy (MeV)

25

MAT 8413

MT= 52 (n,n') Level
Legendre Coefficients

84-Po-202



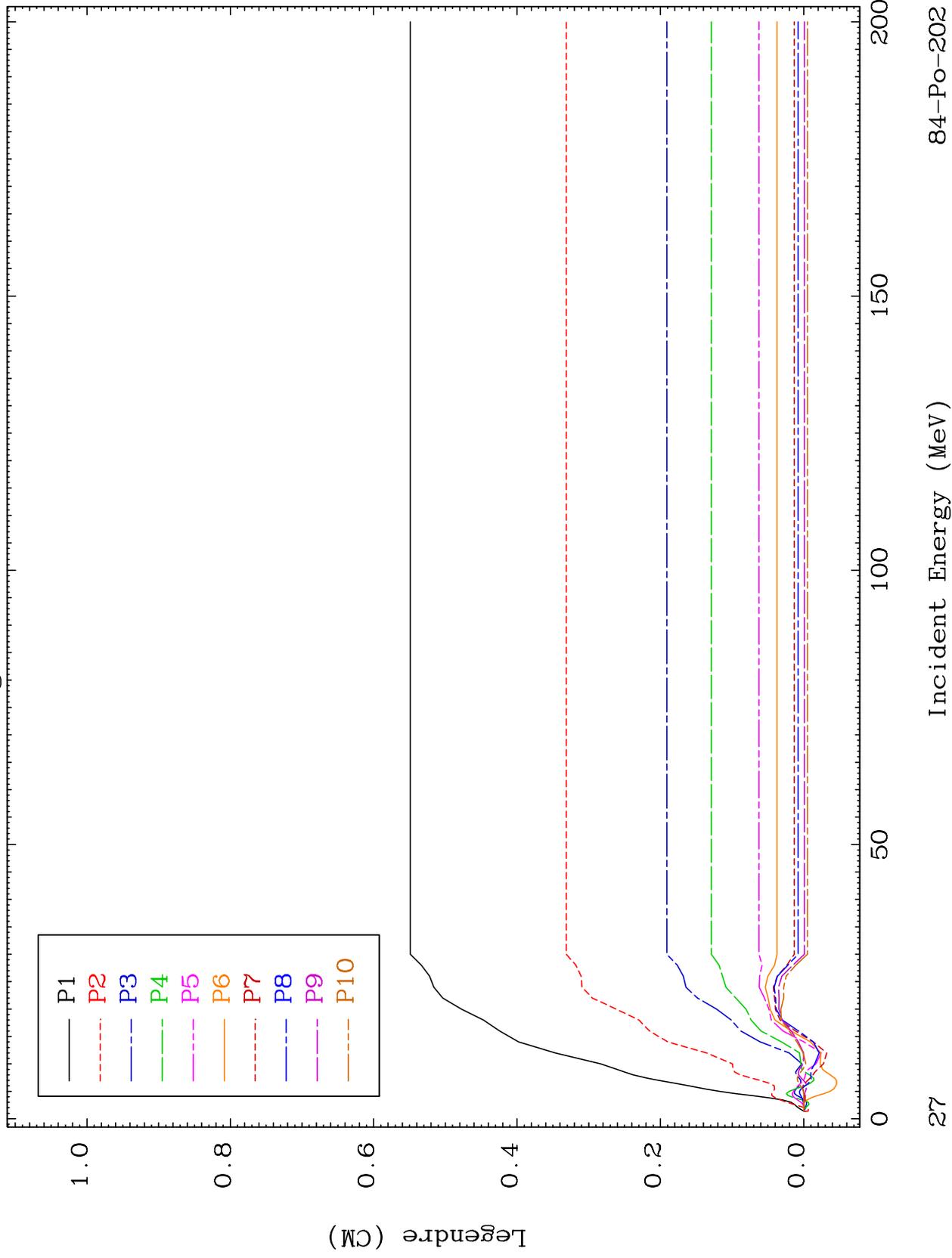
26

84-Po-202

MAT 8413

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

84-Po-202



27

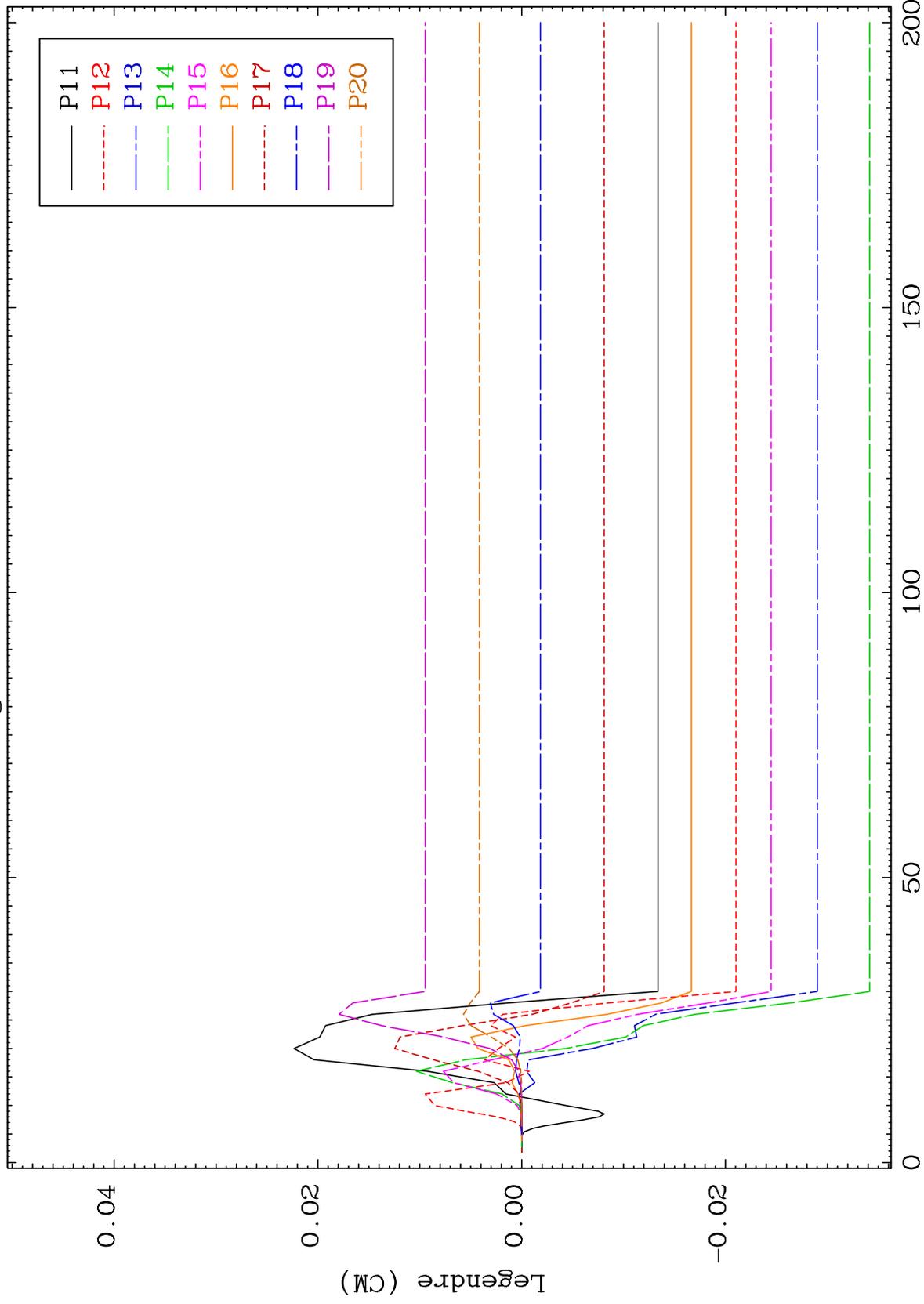
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



28

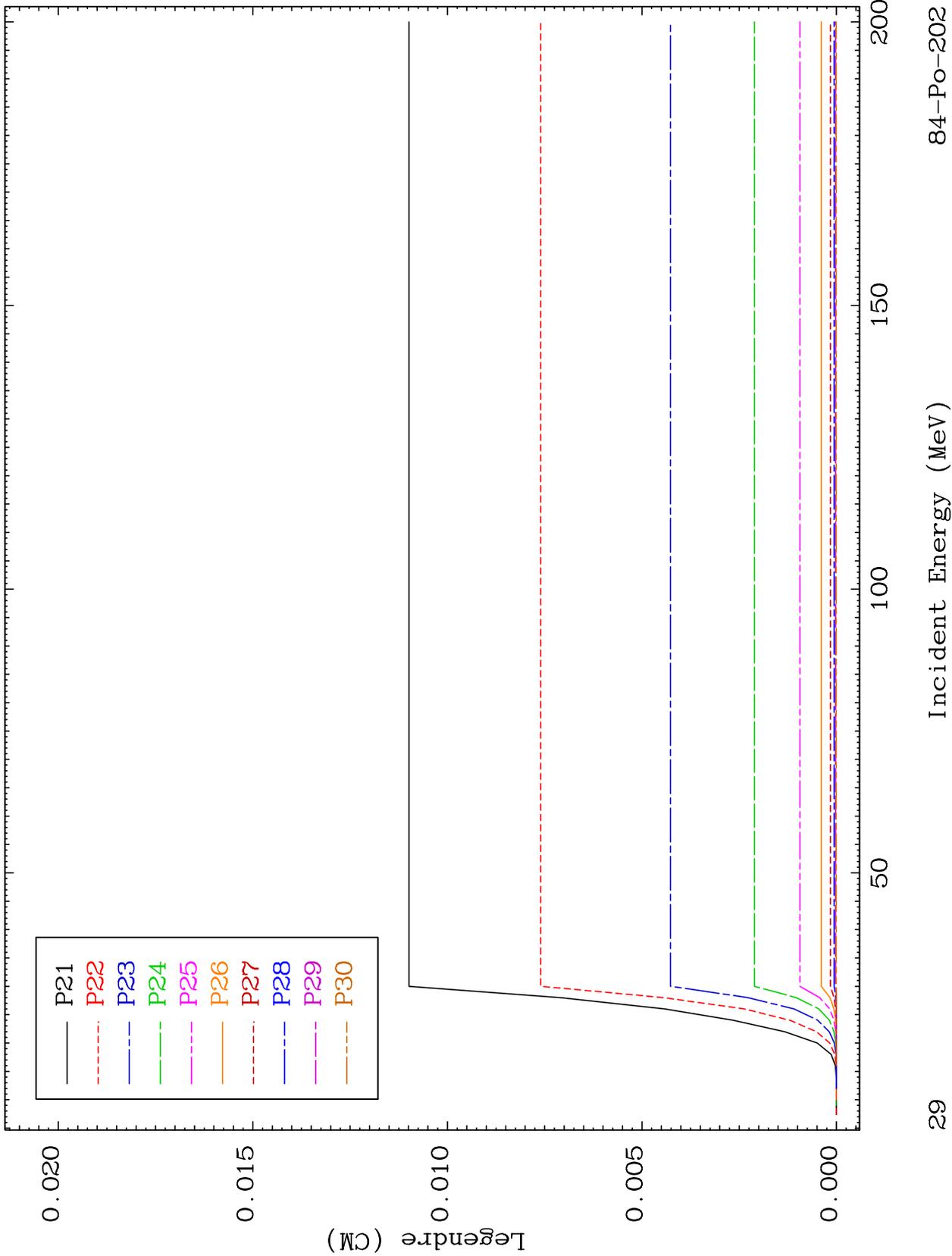
Incident Energy (MeV)

84-Po-202

MAT 8413

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

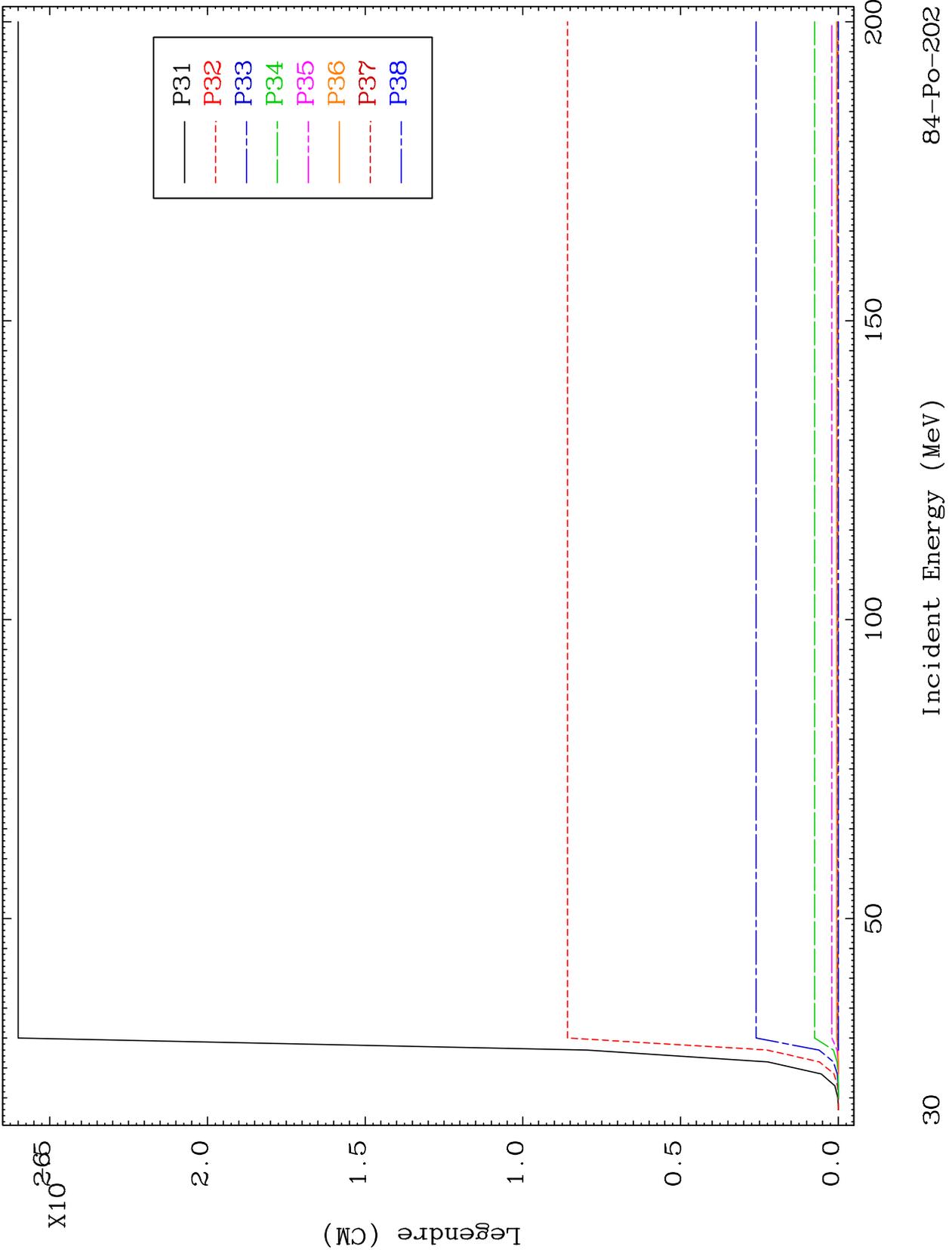
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MAT 8413

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

84-Po-202

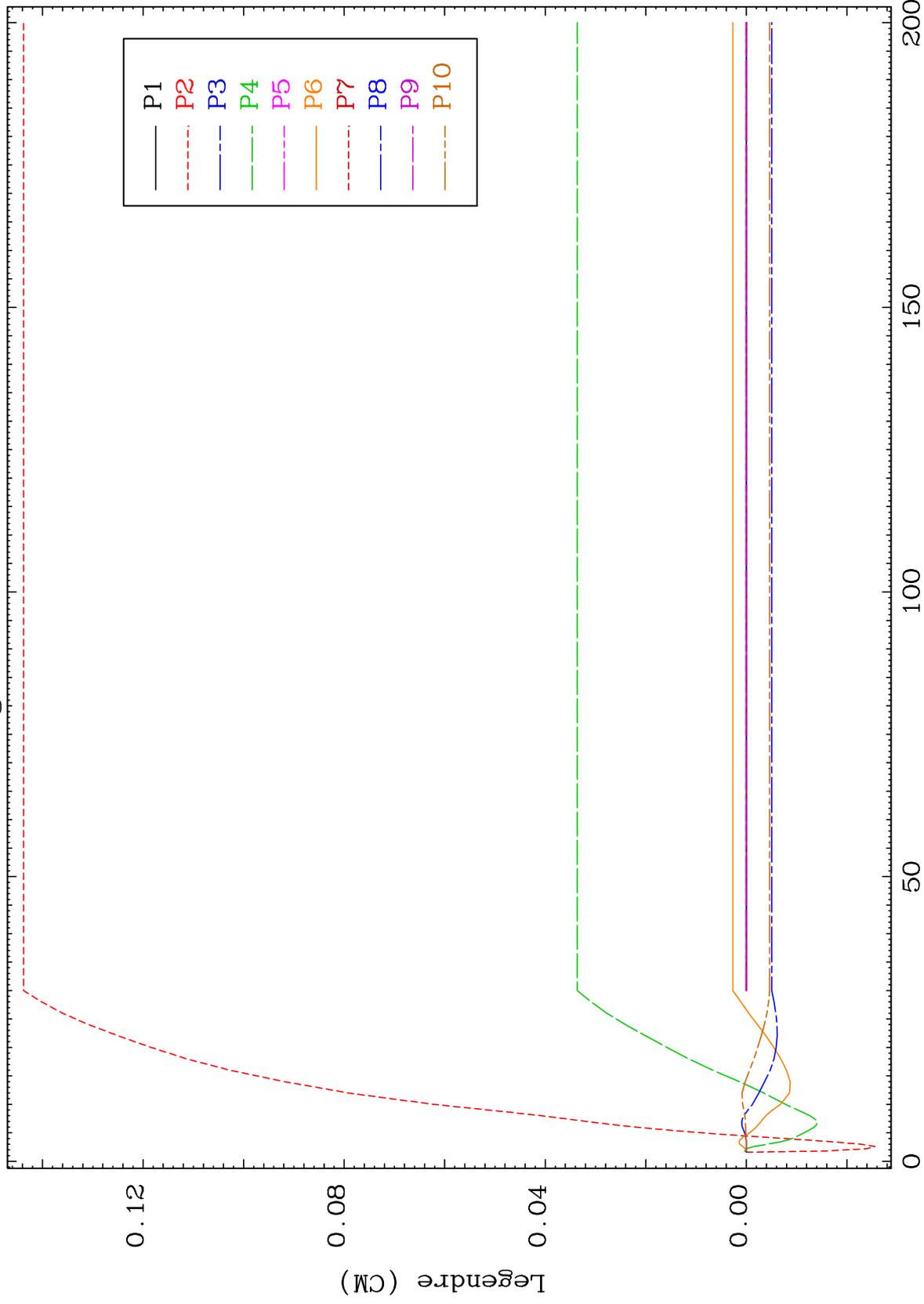


84-Po-202

MAT 8413

MT= 54 (n,n') Level
Legendre Coefficients

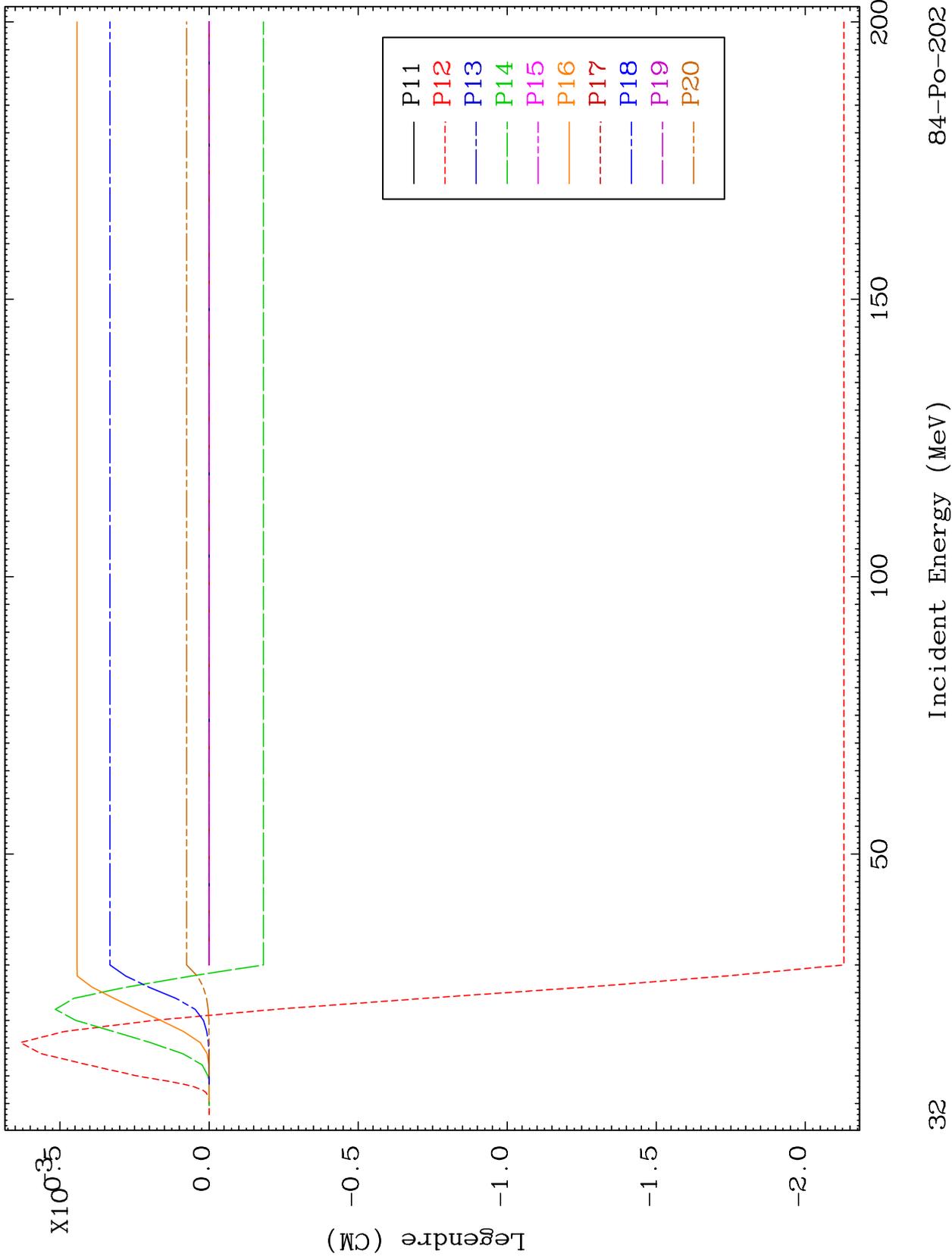
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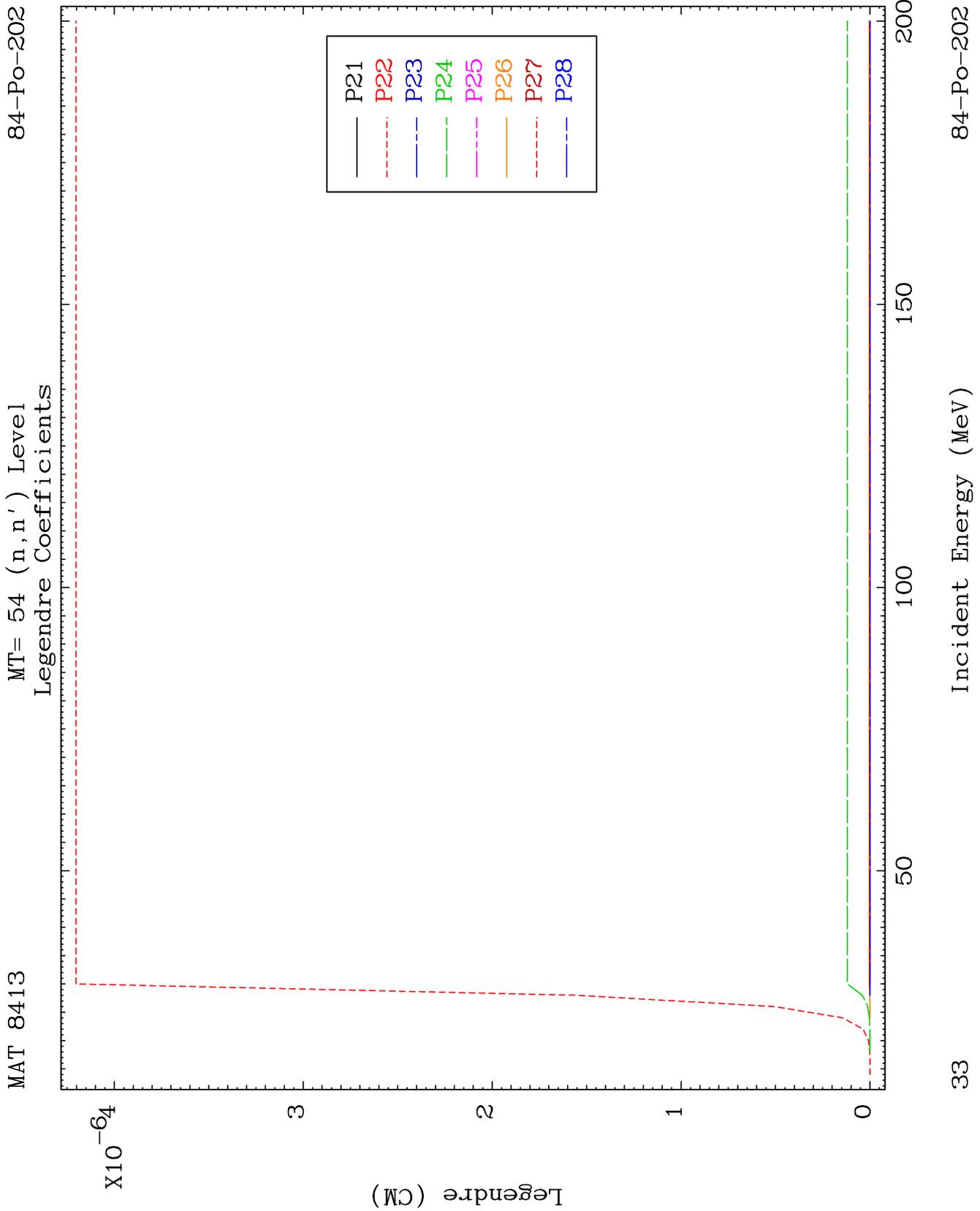


84-Po-202

Incident Energy (MeV)

31

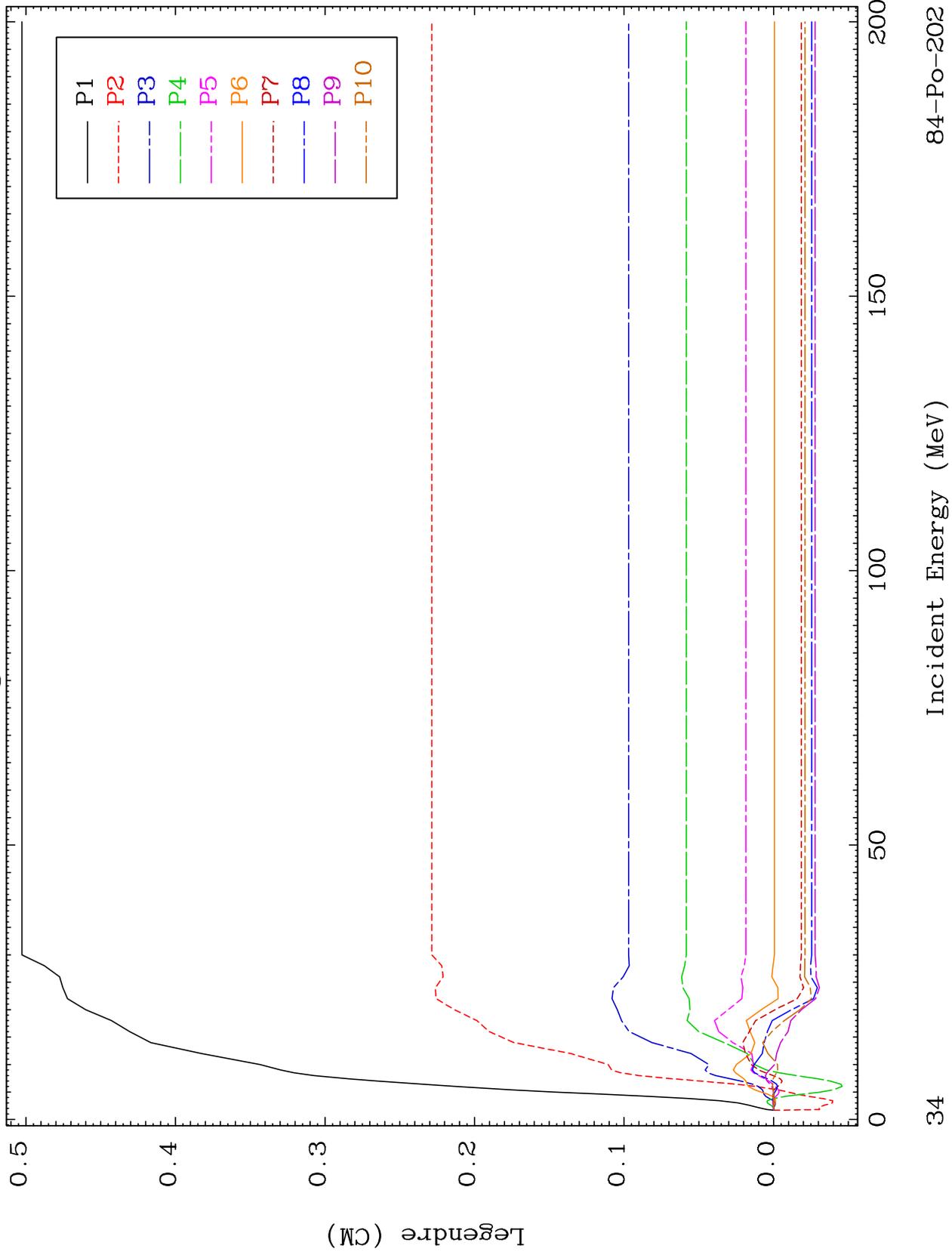




MAT 8413

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

84-Po-202



84-Po-202

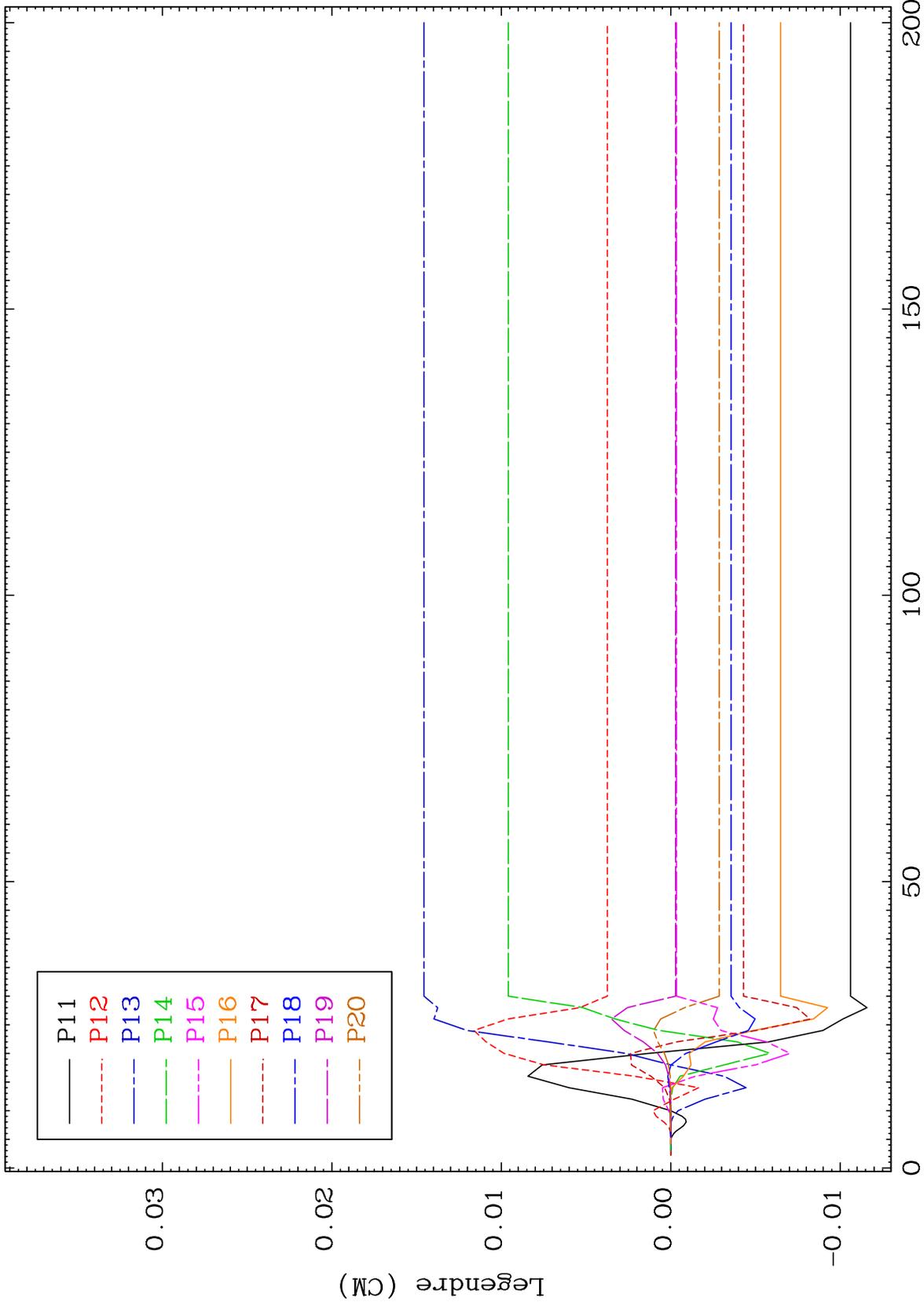
Incident Energy (MeV)

34

MAT 8413

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

84-Po-202



35

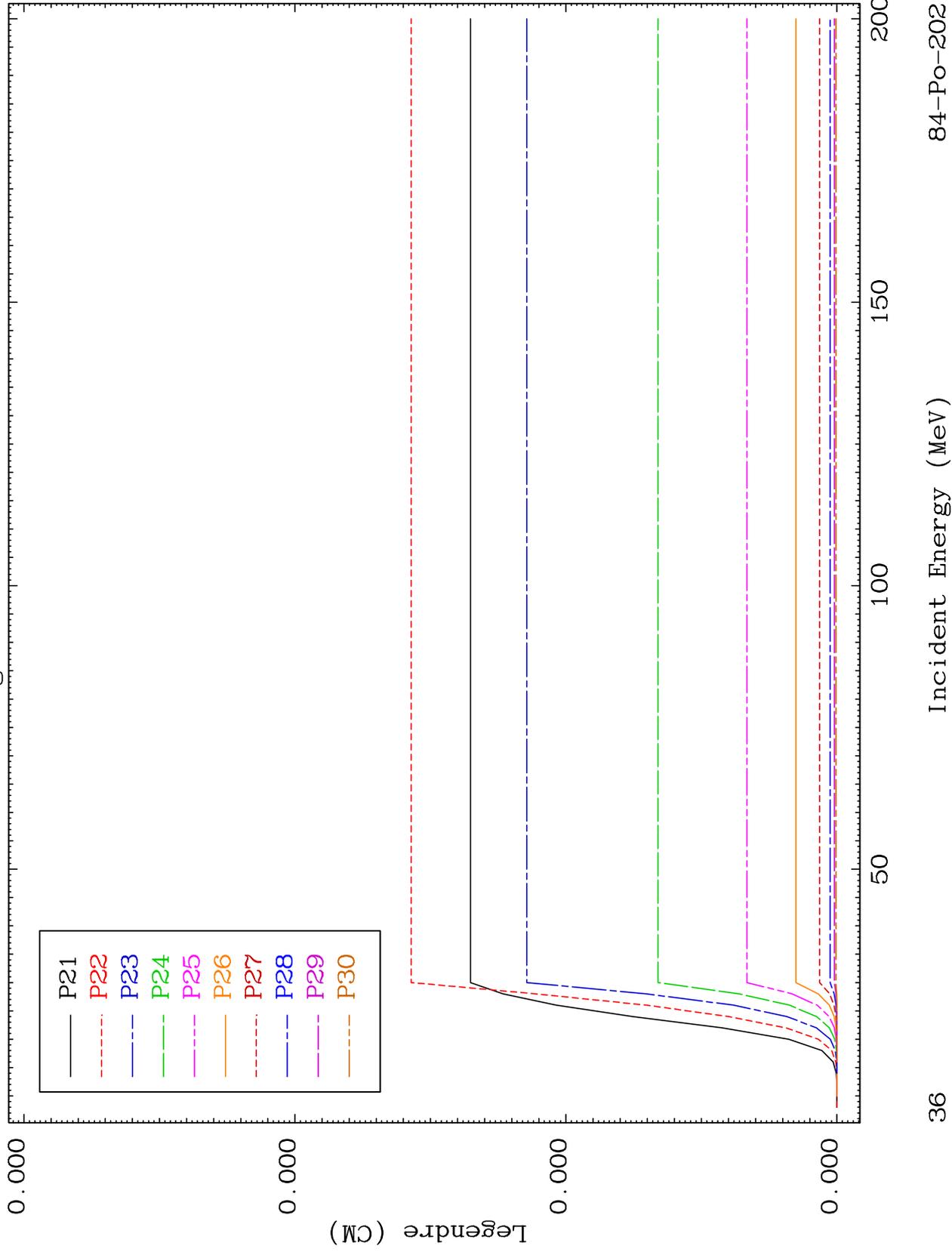
Incident Energy (MeV)

84-Po-202

MAT 8413

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

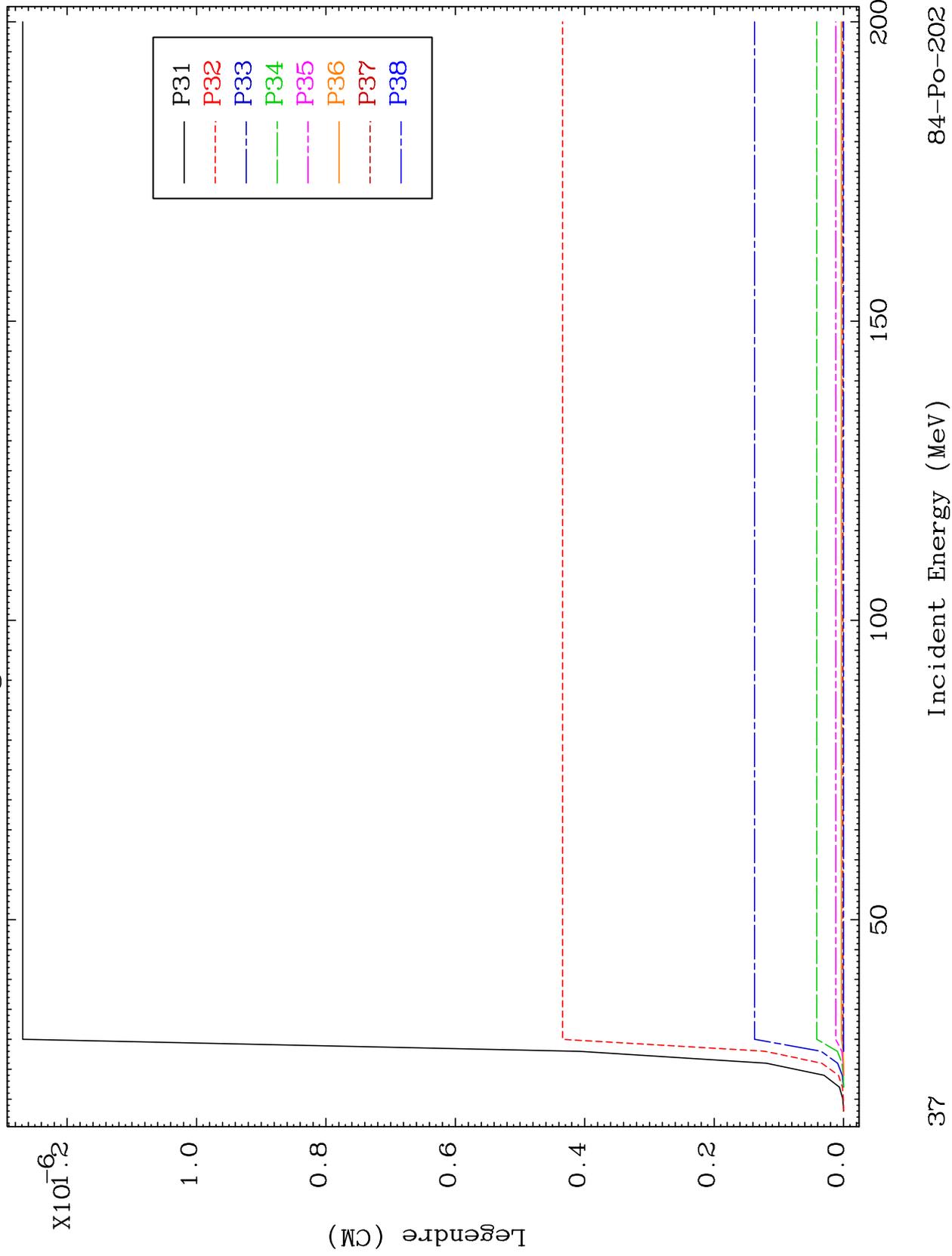
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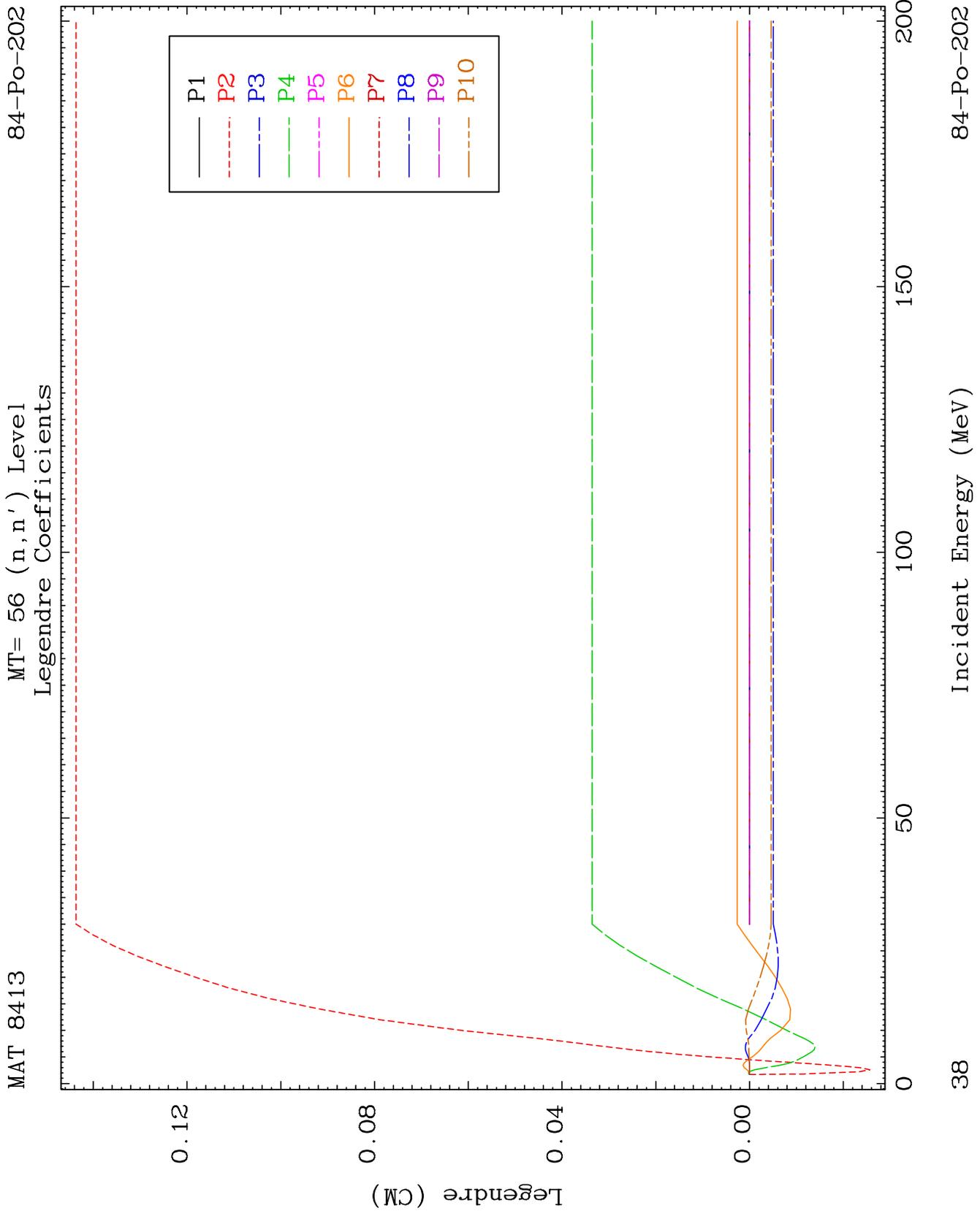
MT= 55 (n,n') Level
Legendre Coefficients

84-Po-202



37

84-Po-202



84-Po-202

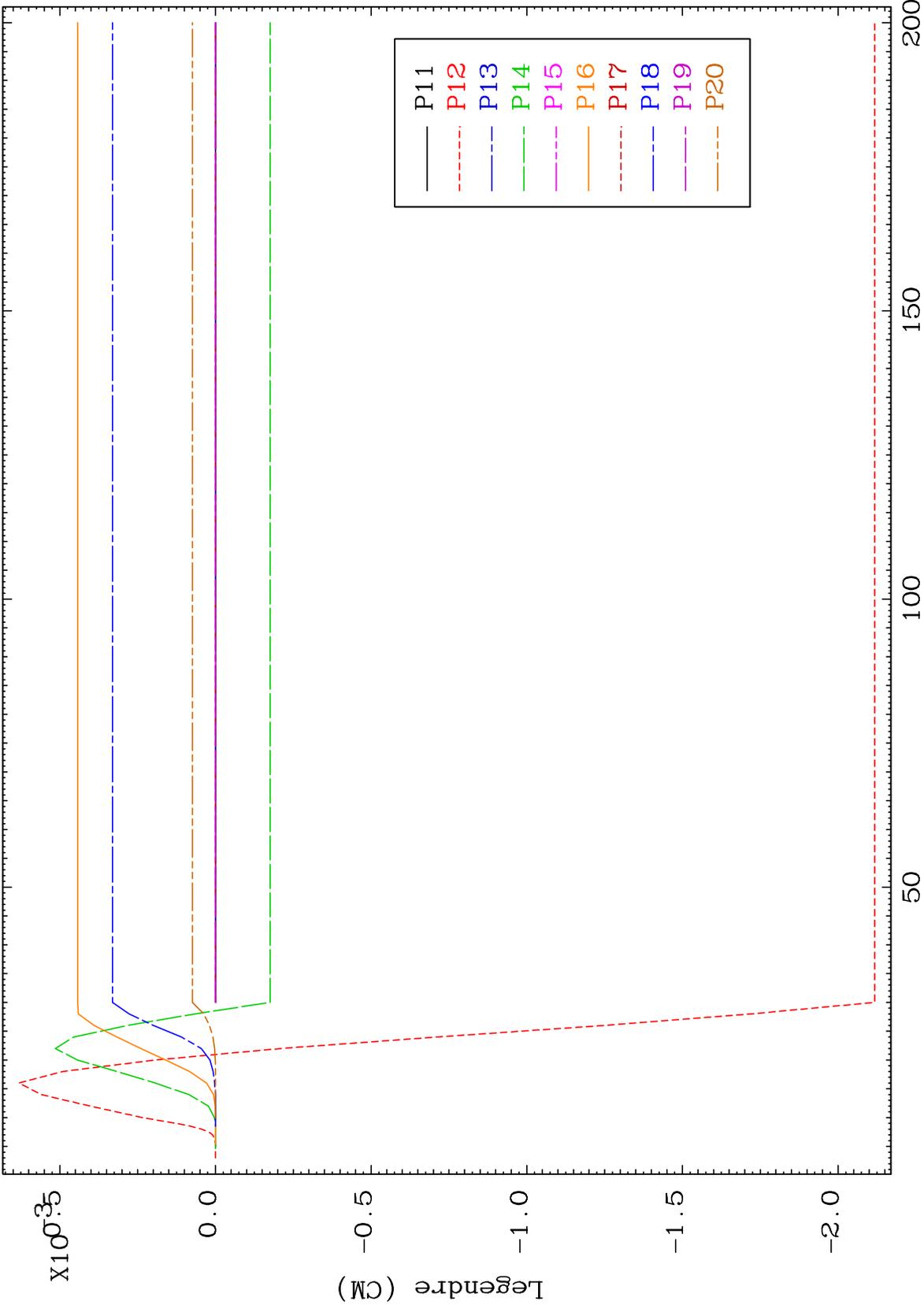
Incident Energy (MeV)

38

MAT 8413

MT= 56 (n,n') Level
Legendre Coefficients

84-Po-202



39

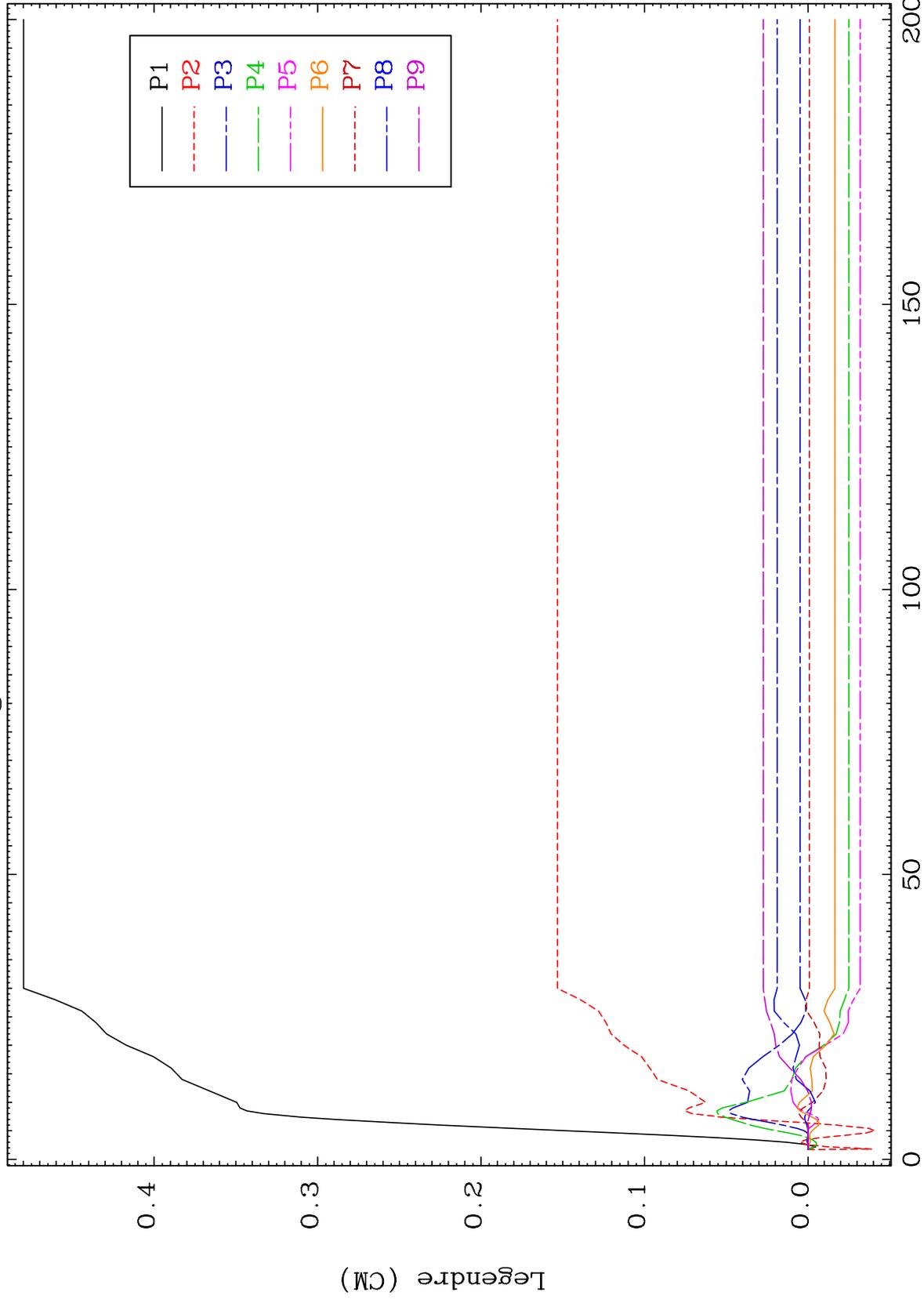
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



41

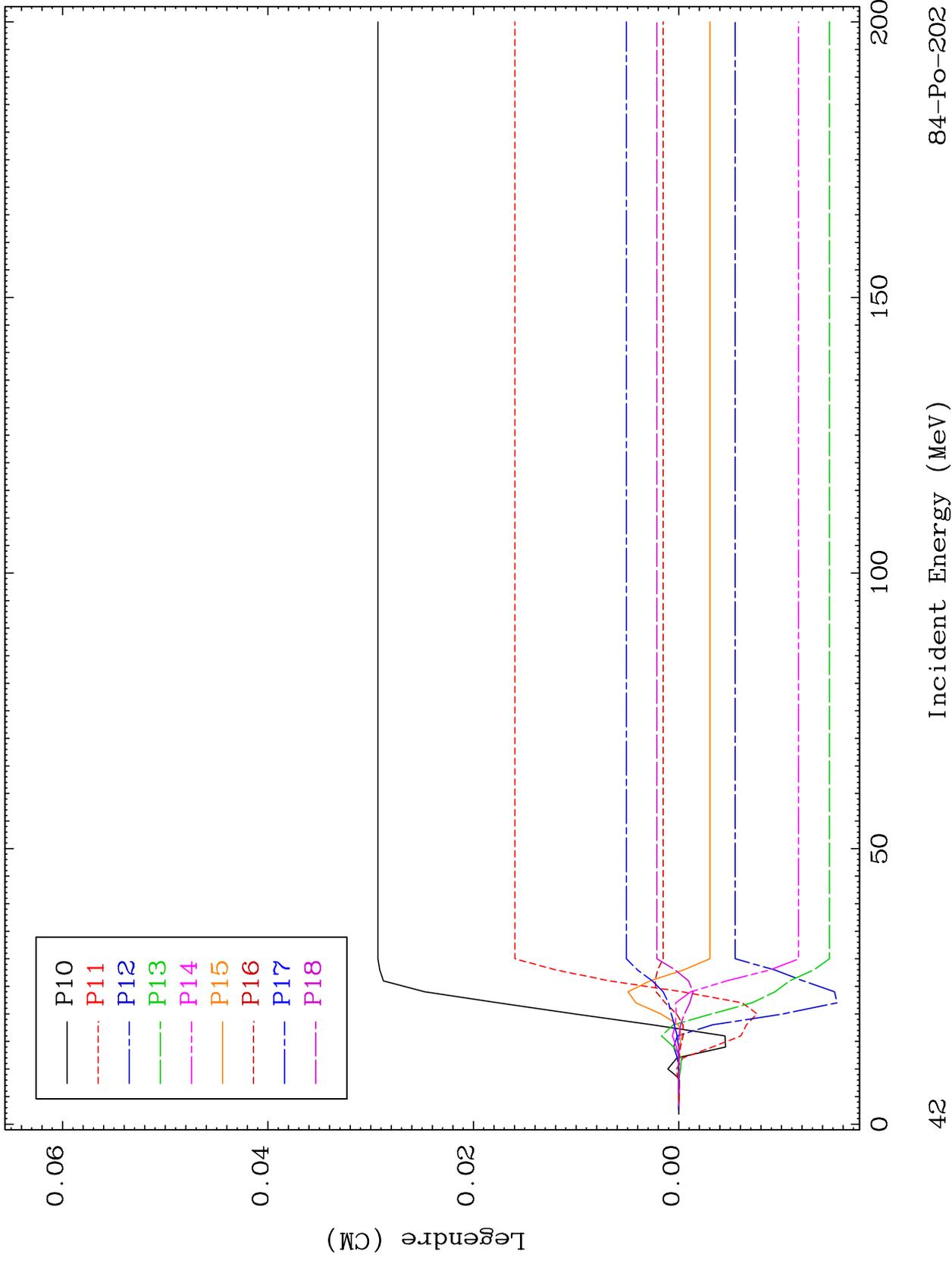
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



84-Po-202

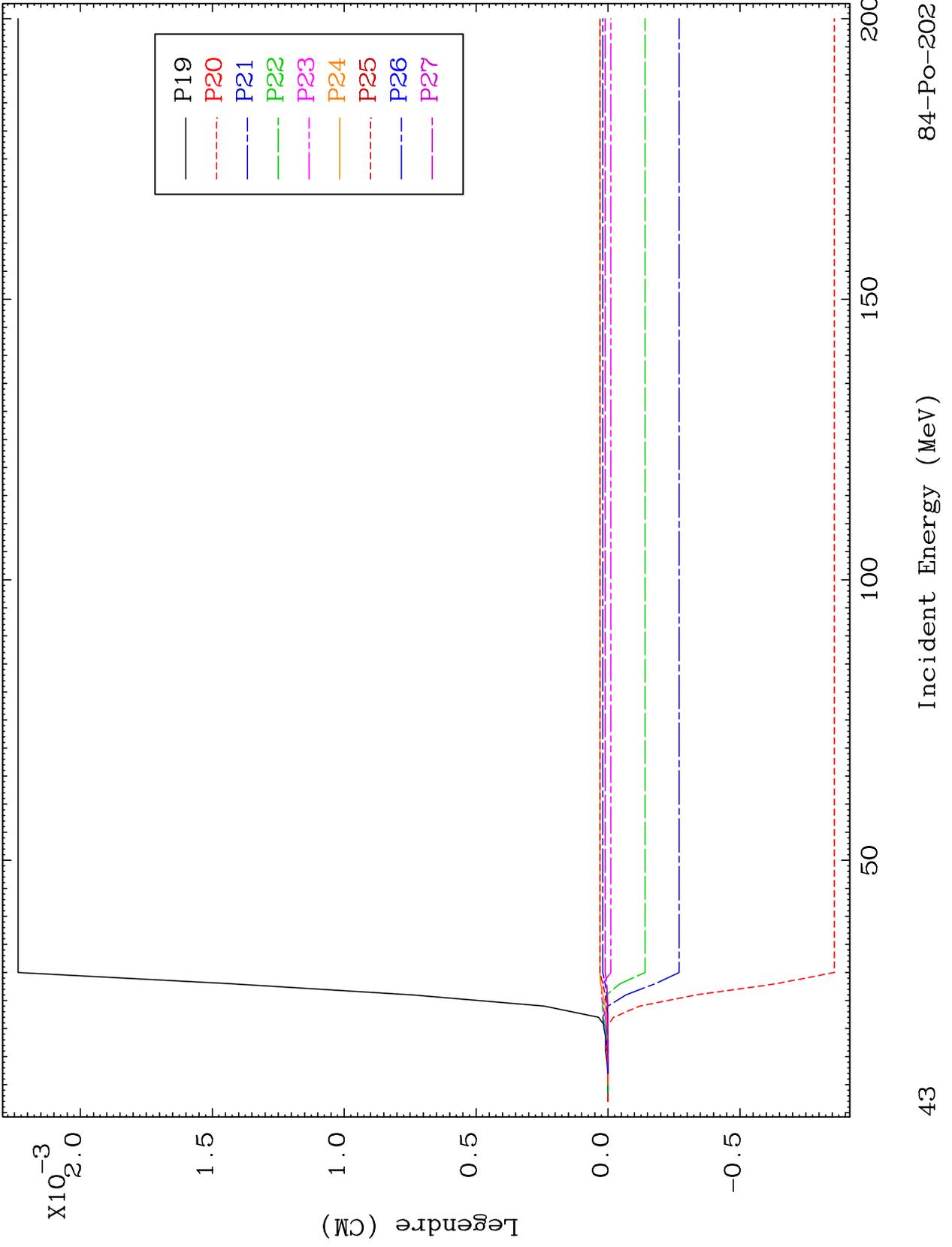
Incident Energy (MeV)

42

MAT 8413

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

84-Po-202



43

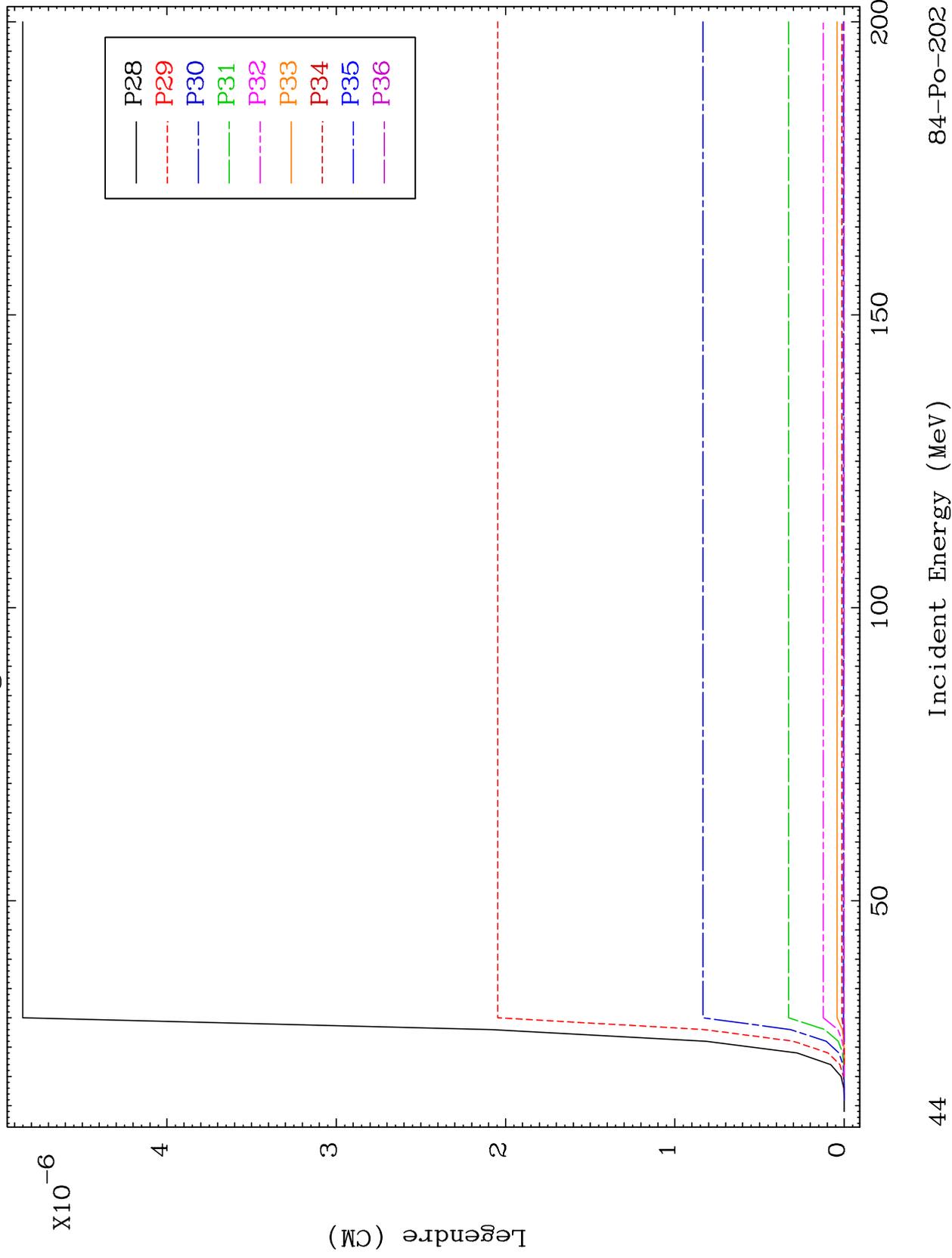
Incident Energy (MeV)

84-Po-202

MAT 8413

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

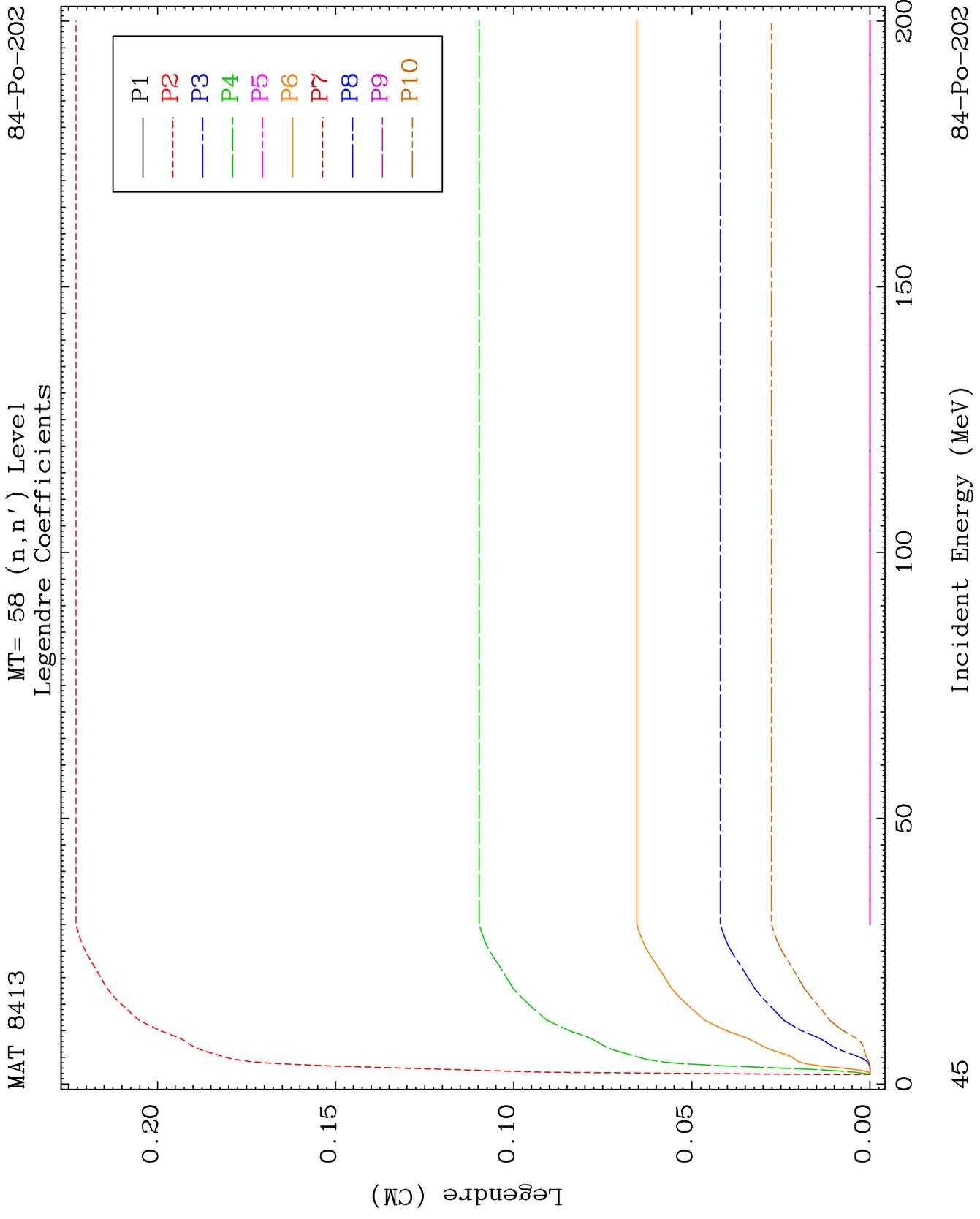
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44

Incident Energy (MeV)

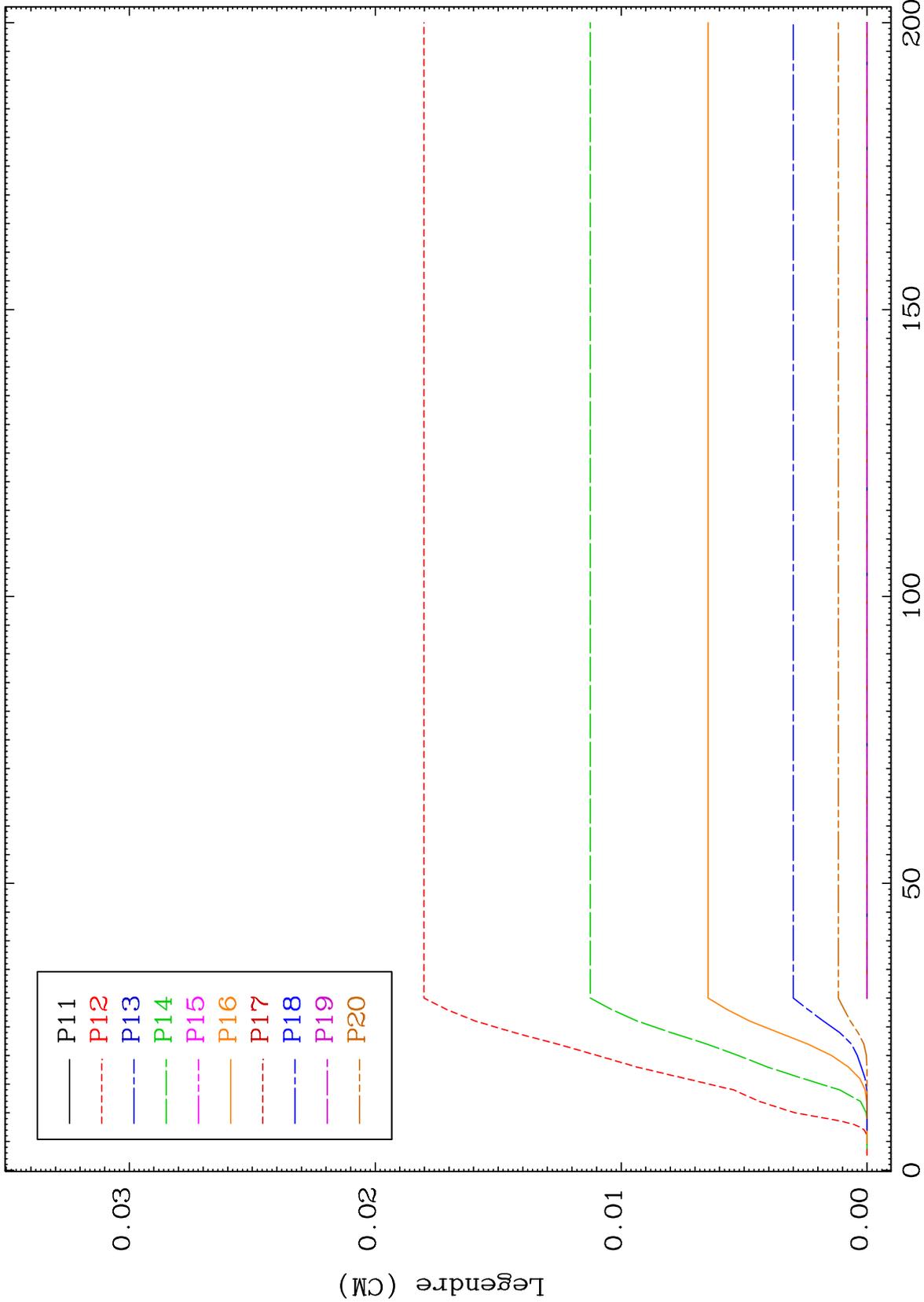
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MAT 8413

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Legendre Coefficients

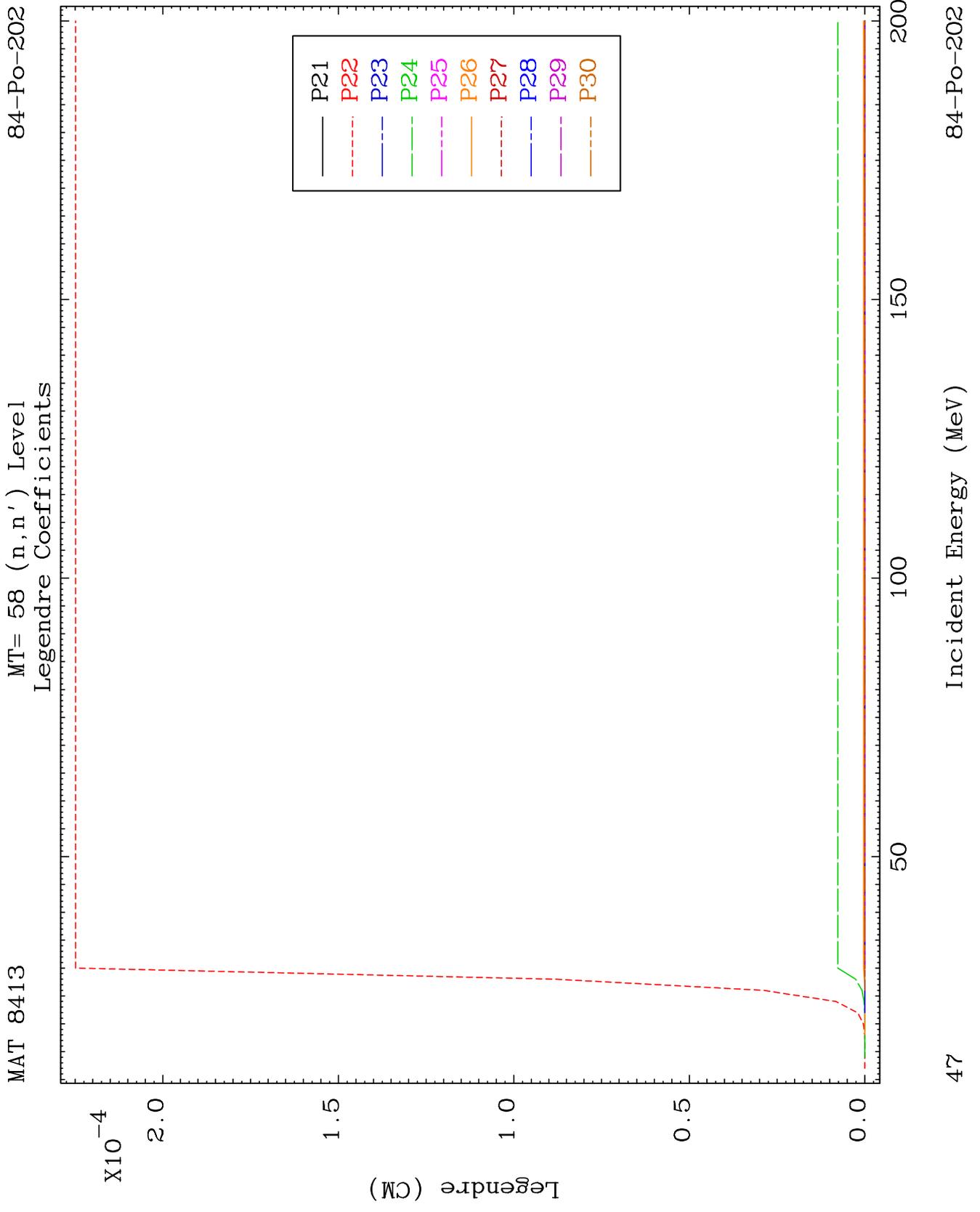
84-Po-202



46

Incident Energy (MeV)

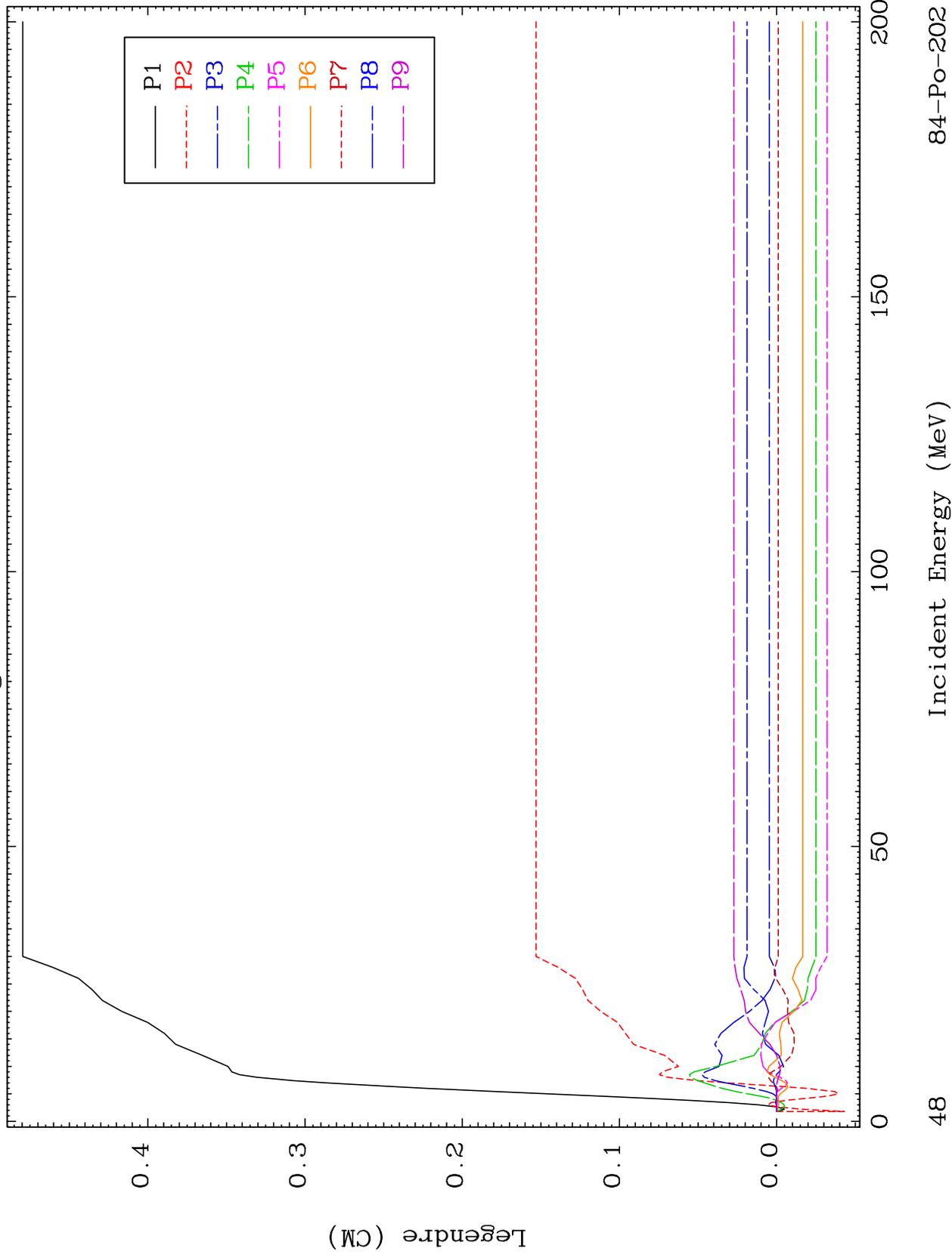
84-Po-202



MAT 8413

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

84-Po-202



48

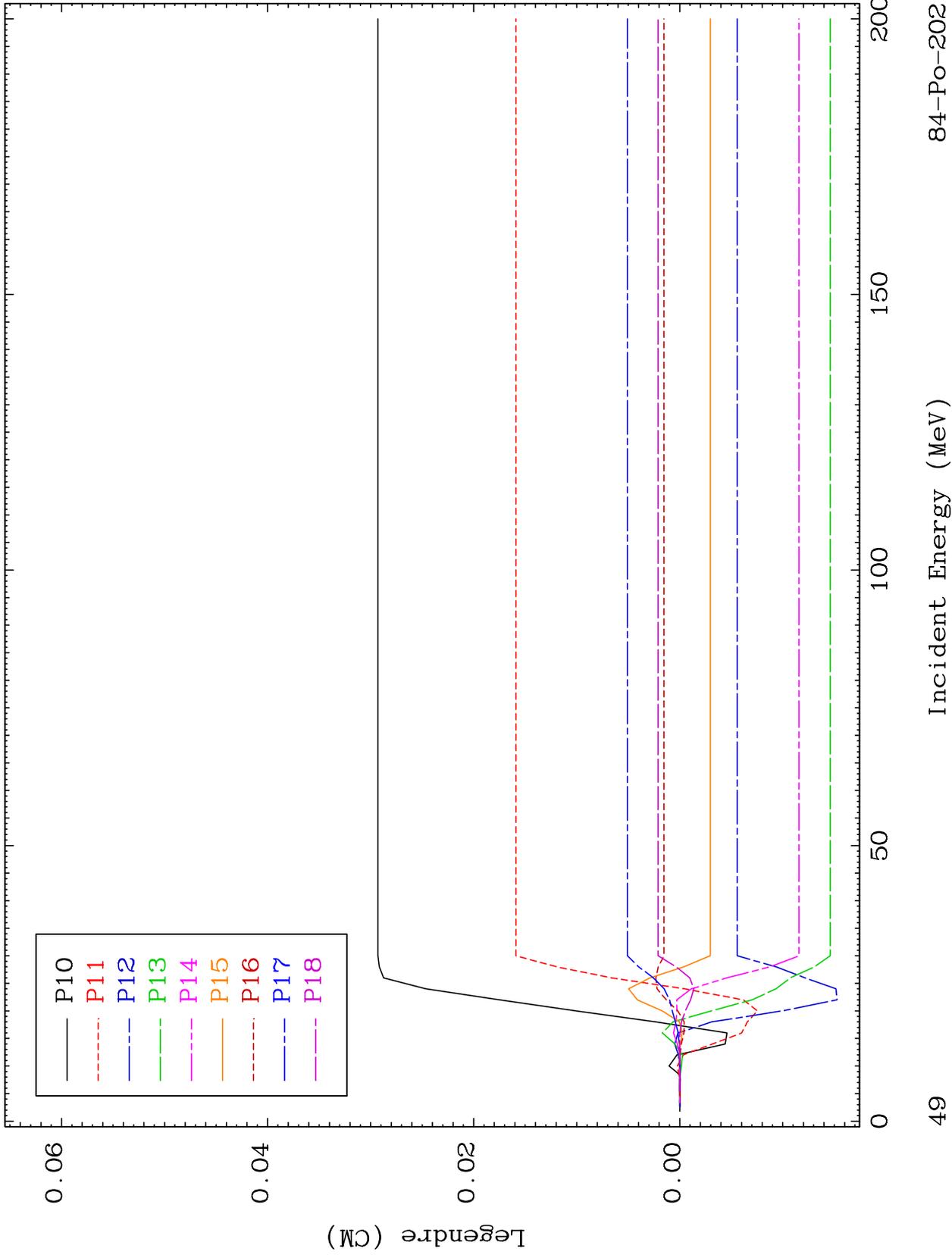
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



49

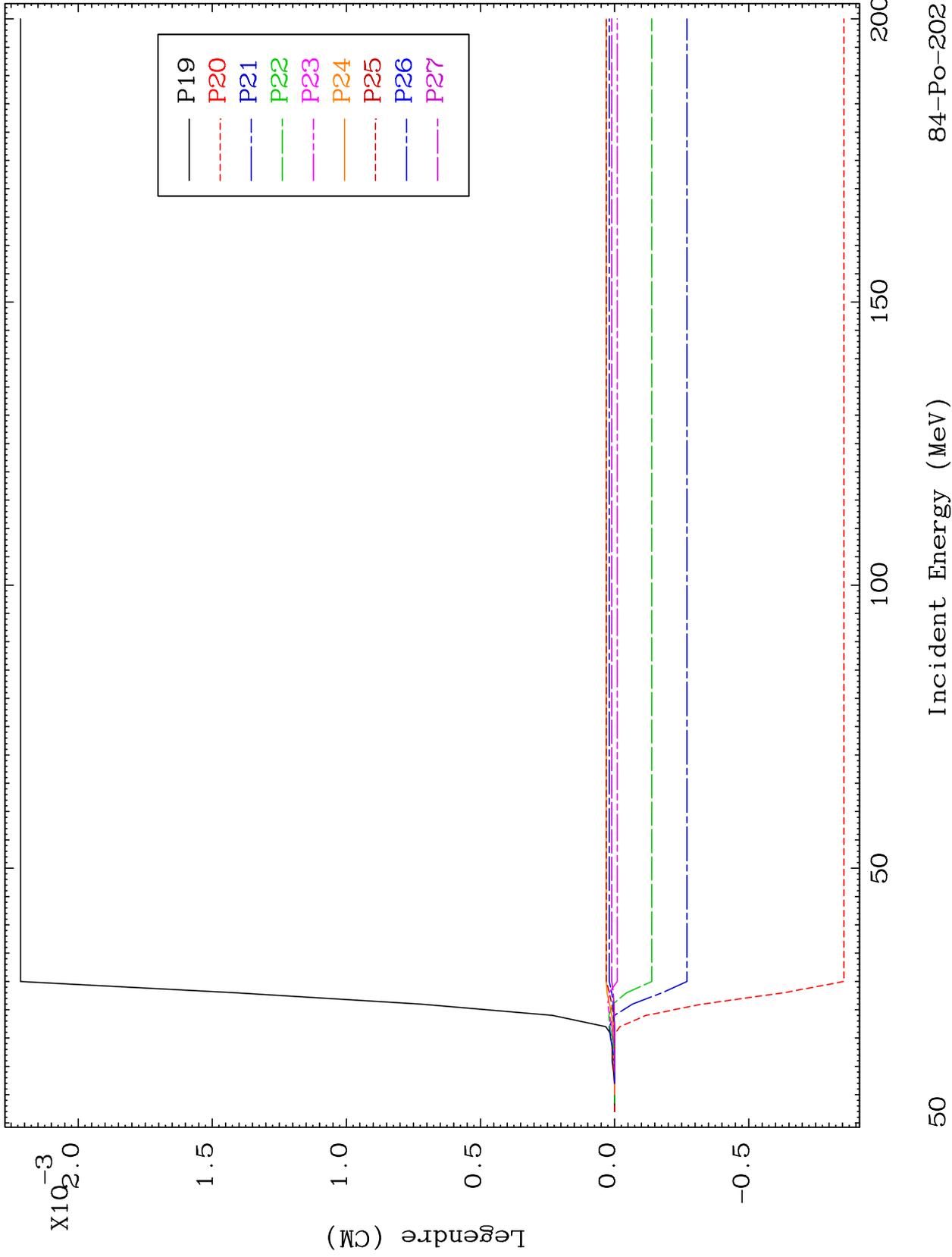
Incident Energy (MeV)

84-Po-202

MAT 8413

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

84-Po-202



84-Po-202

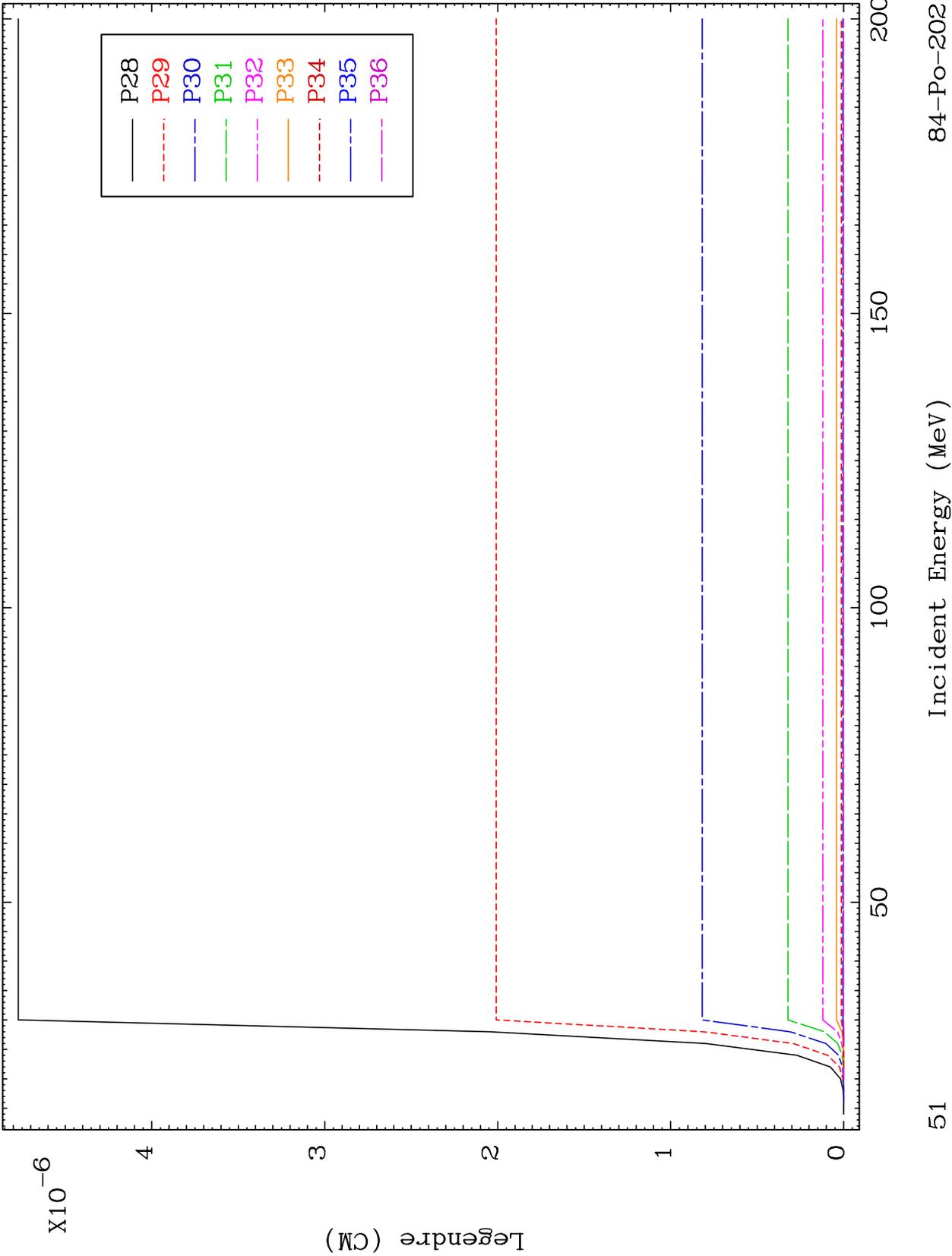
Incident Energy (MeV)

50

MAT 8413

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

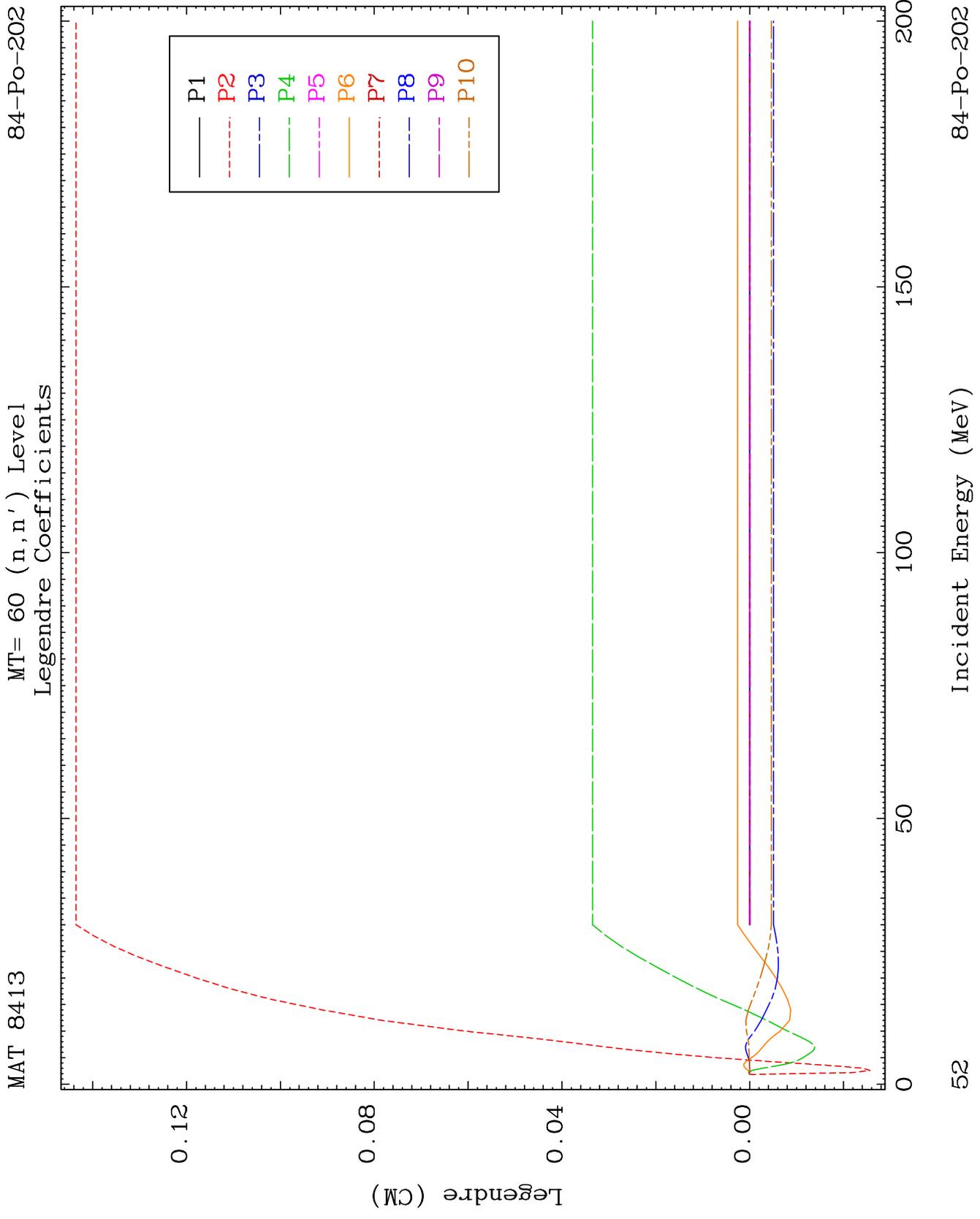
84-Po-202



51

Incident Energy (MeV)

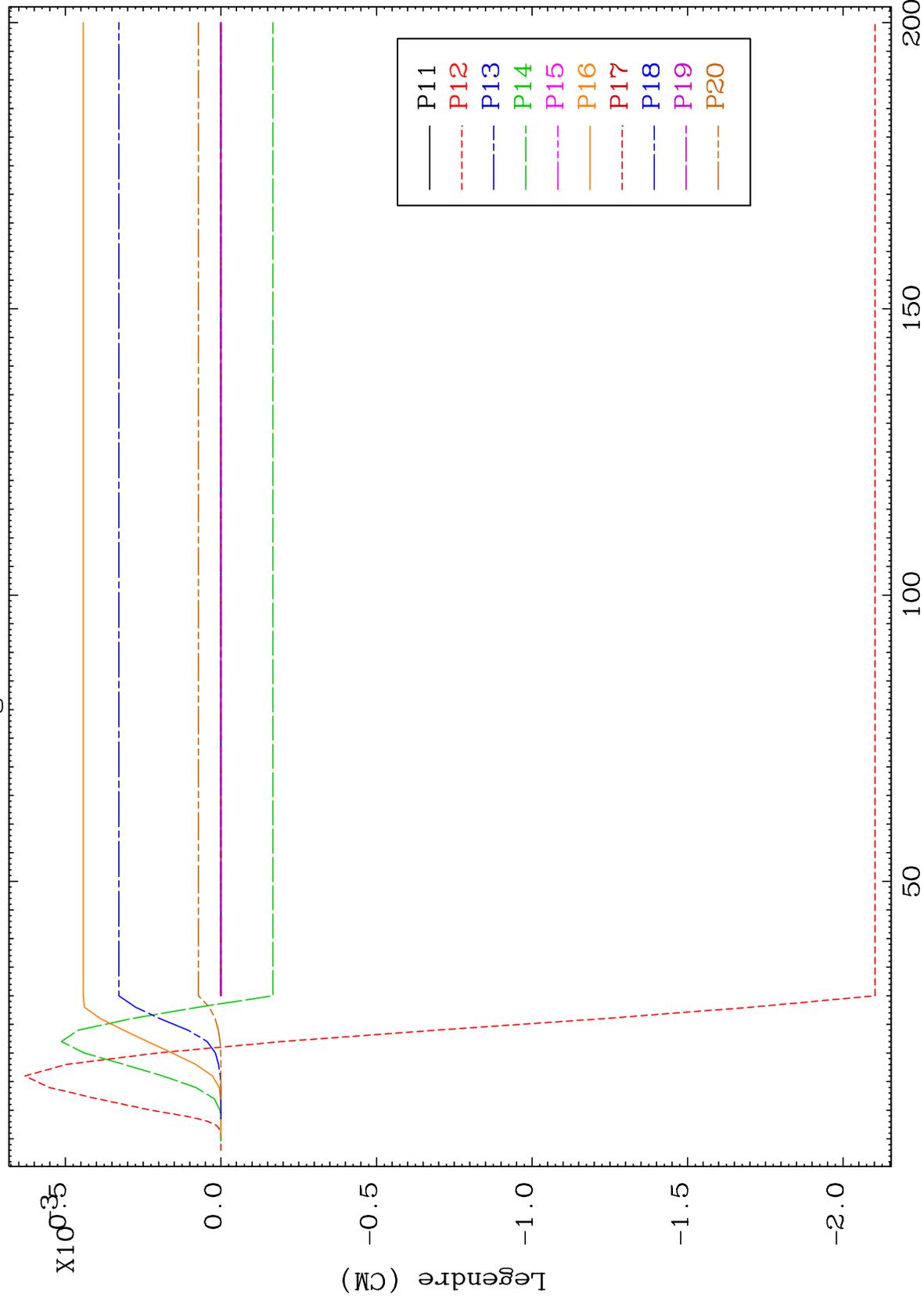
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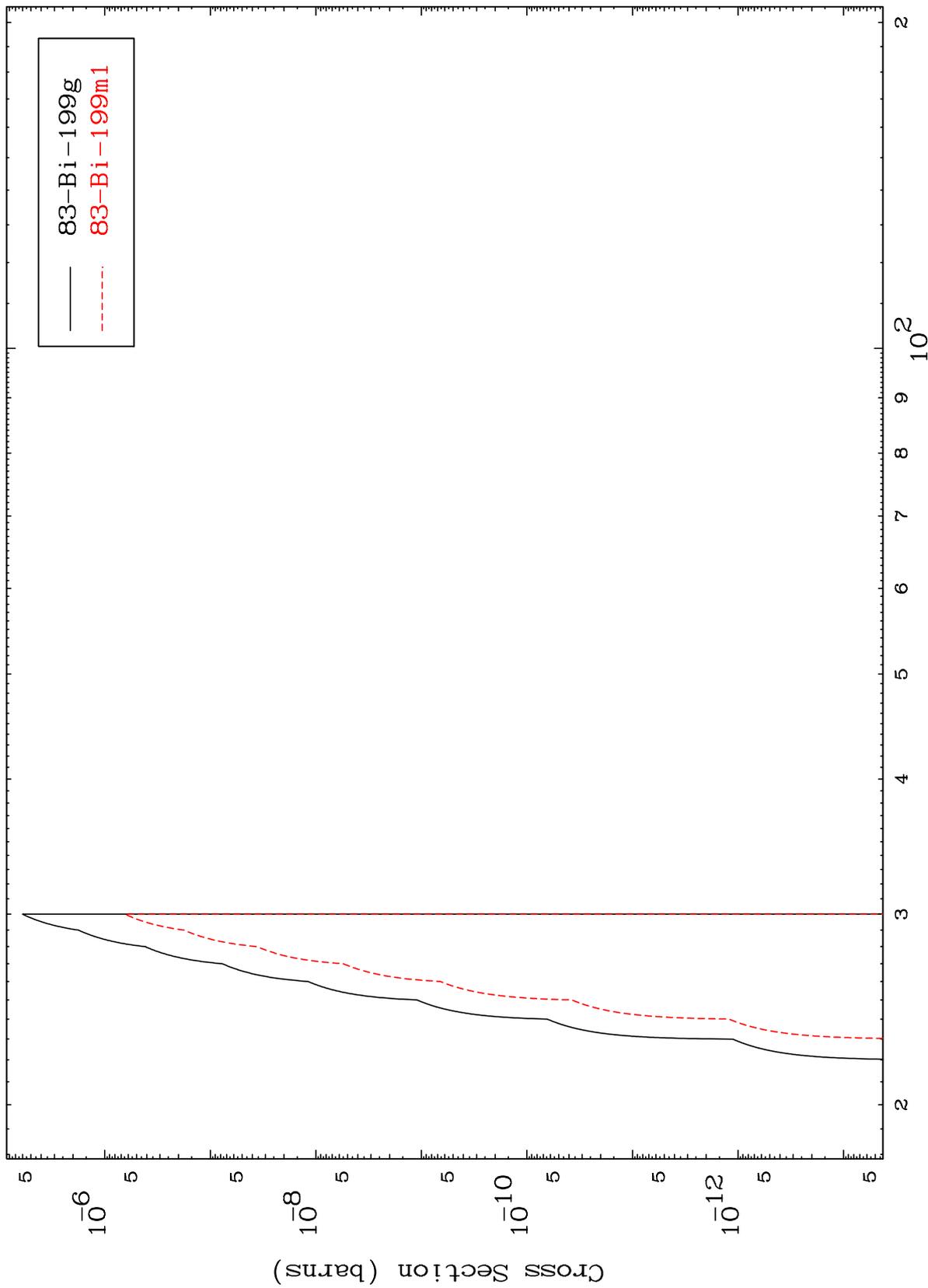
84-Po-202

Incident Energy (MeV)

52



Radionuclide Production Cross Section

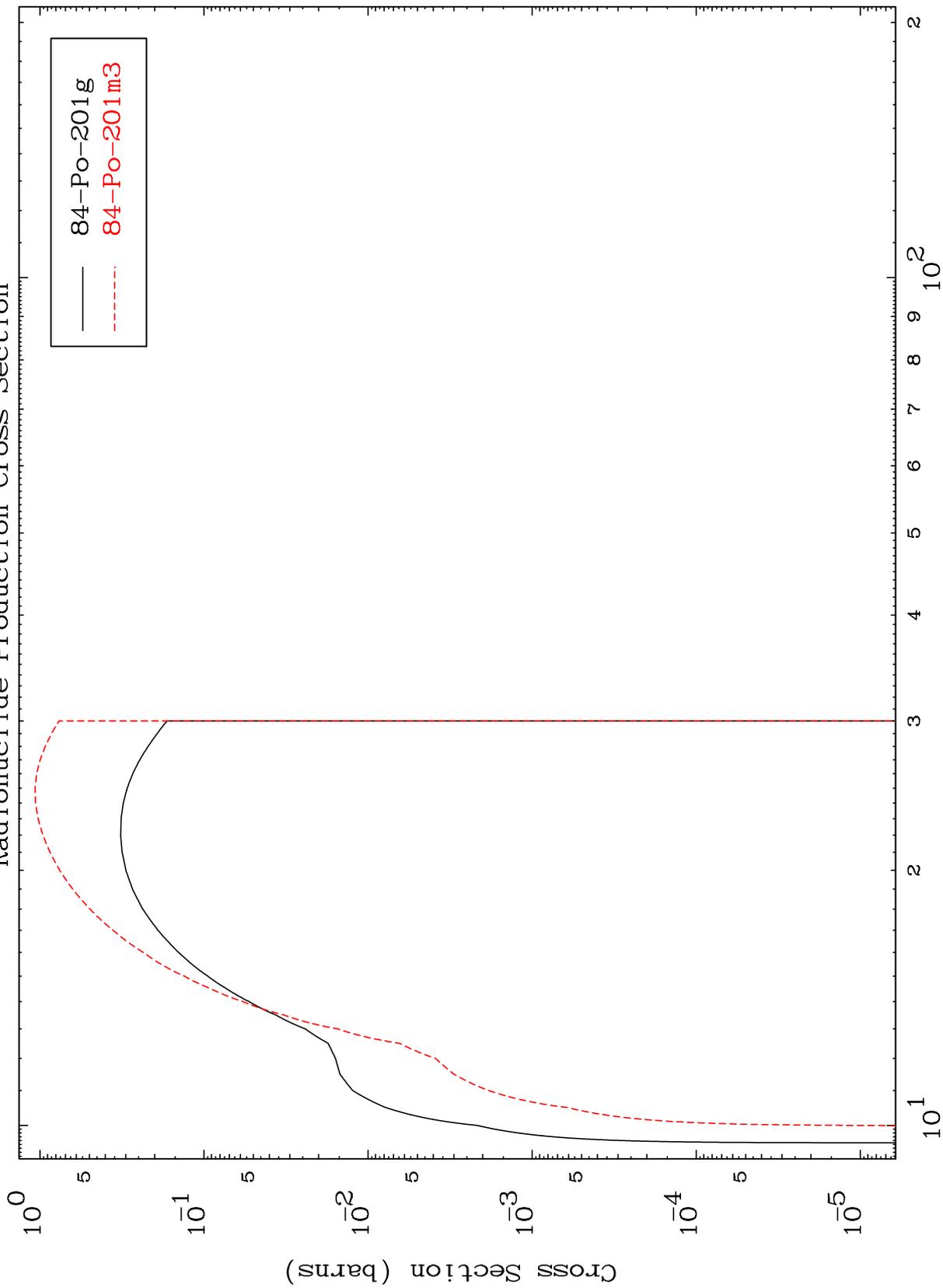


MAT 8413

84-Po-202

(n,2n)

Radionuclide Production Cross Section



84-Po-202

Incident Energy (MeV)

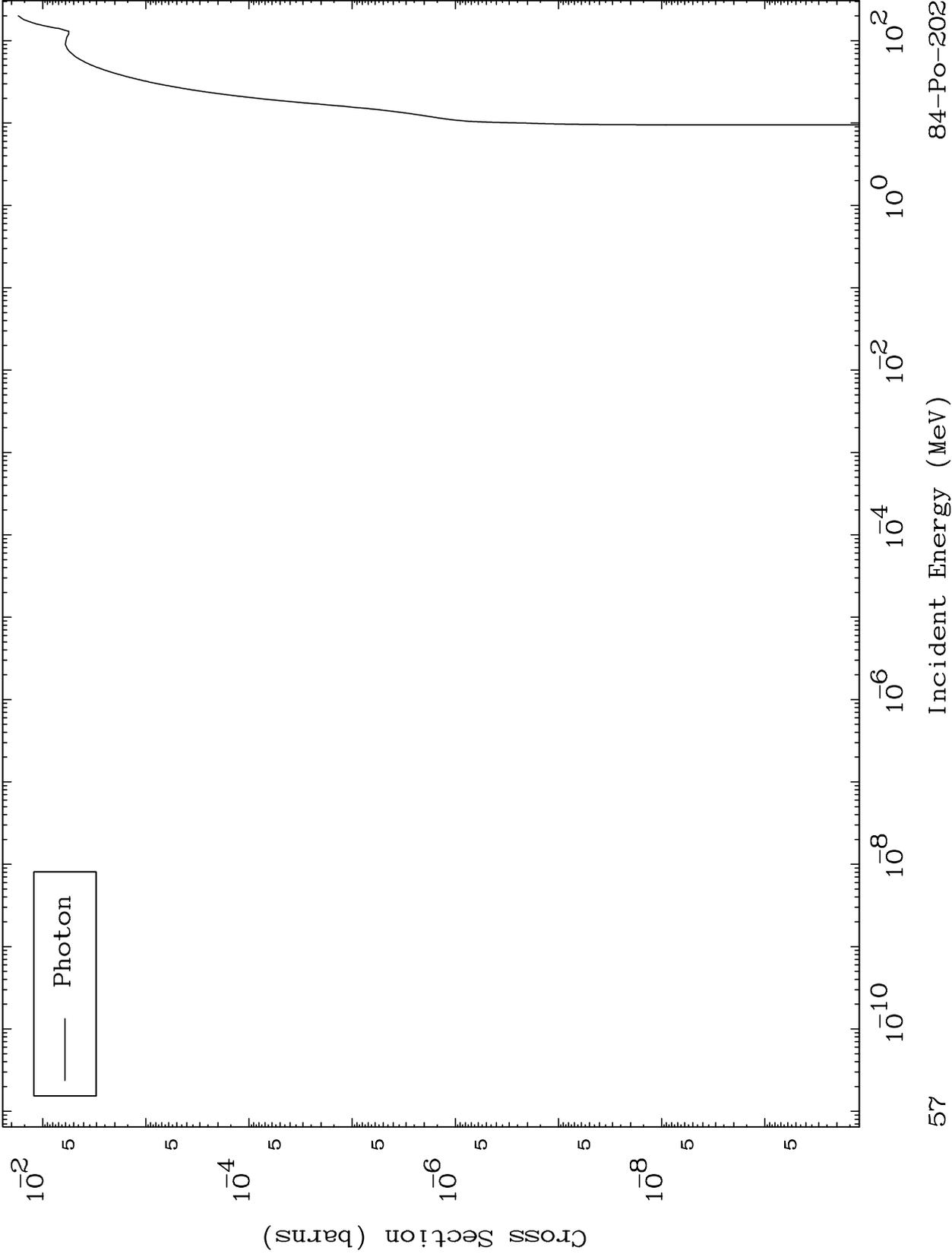
56

MAT 8413

Fission

84-Po-202

Radionuclide Production Cross Section

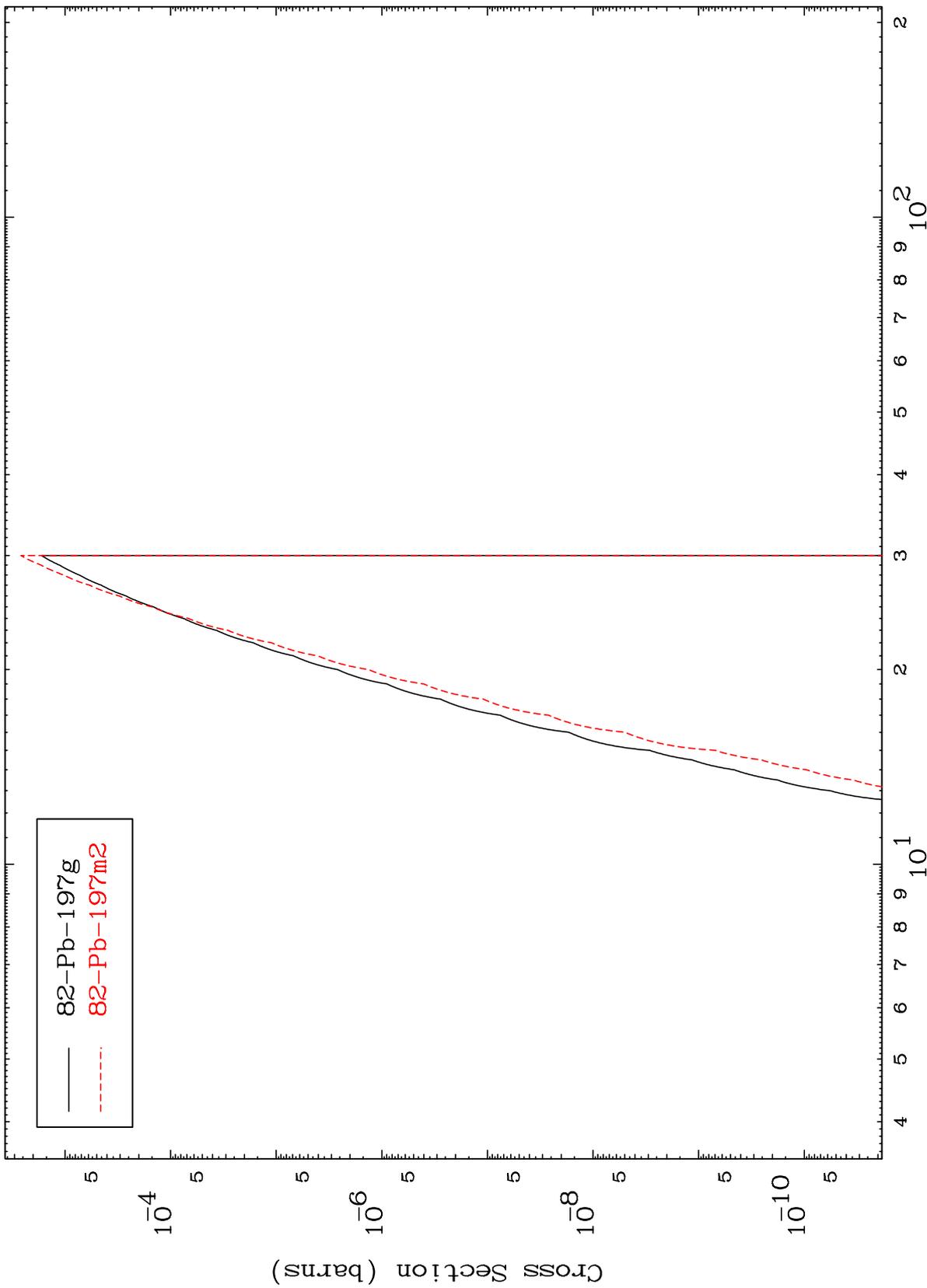


MAT 8413

(n,2n) α

84-Po-202

Radionuclide Production Cross Section

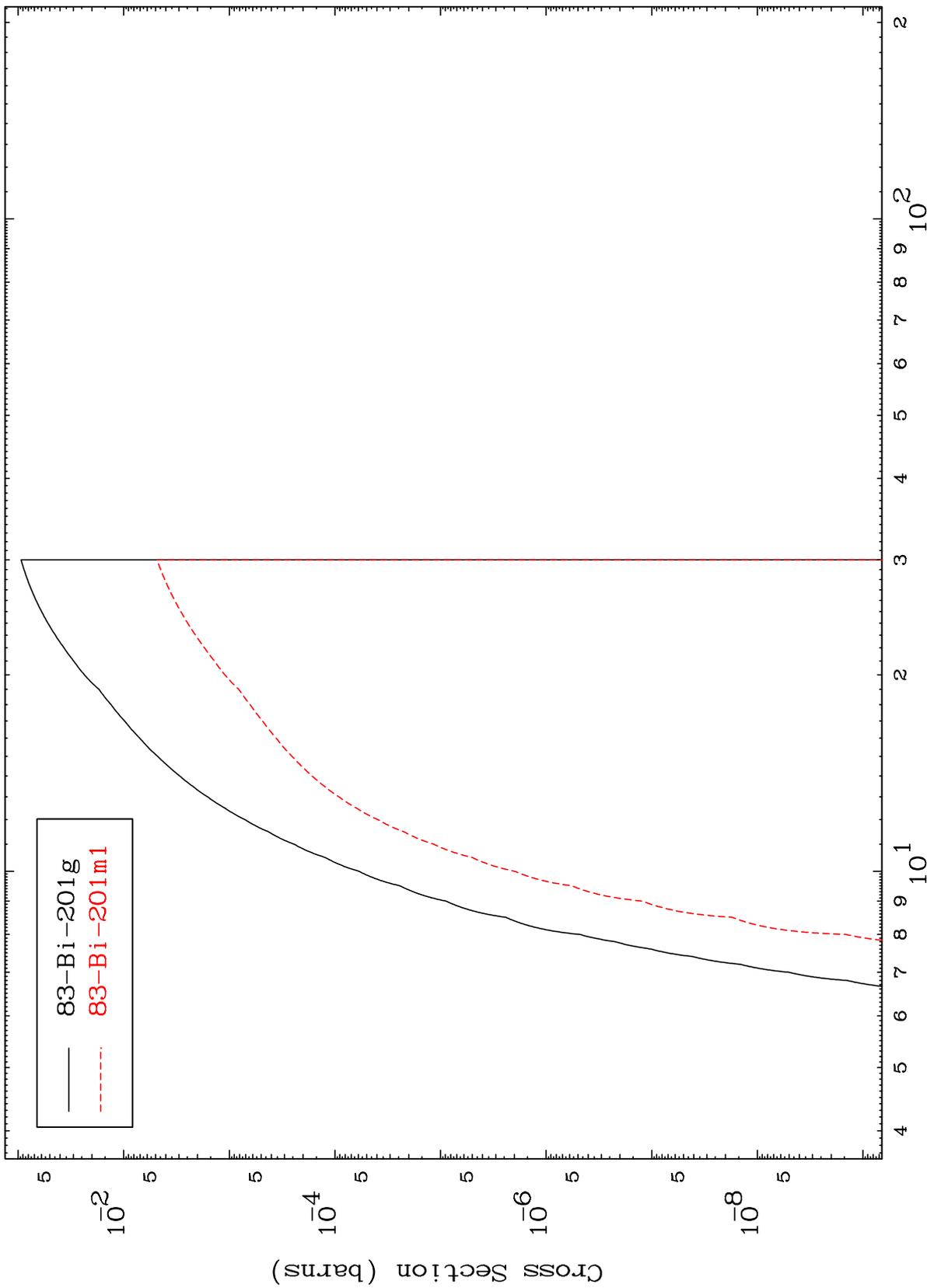


MAT 8413

(n,n') p

84-Po-202

Radionuclide Production Cross Section



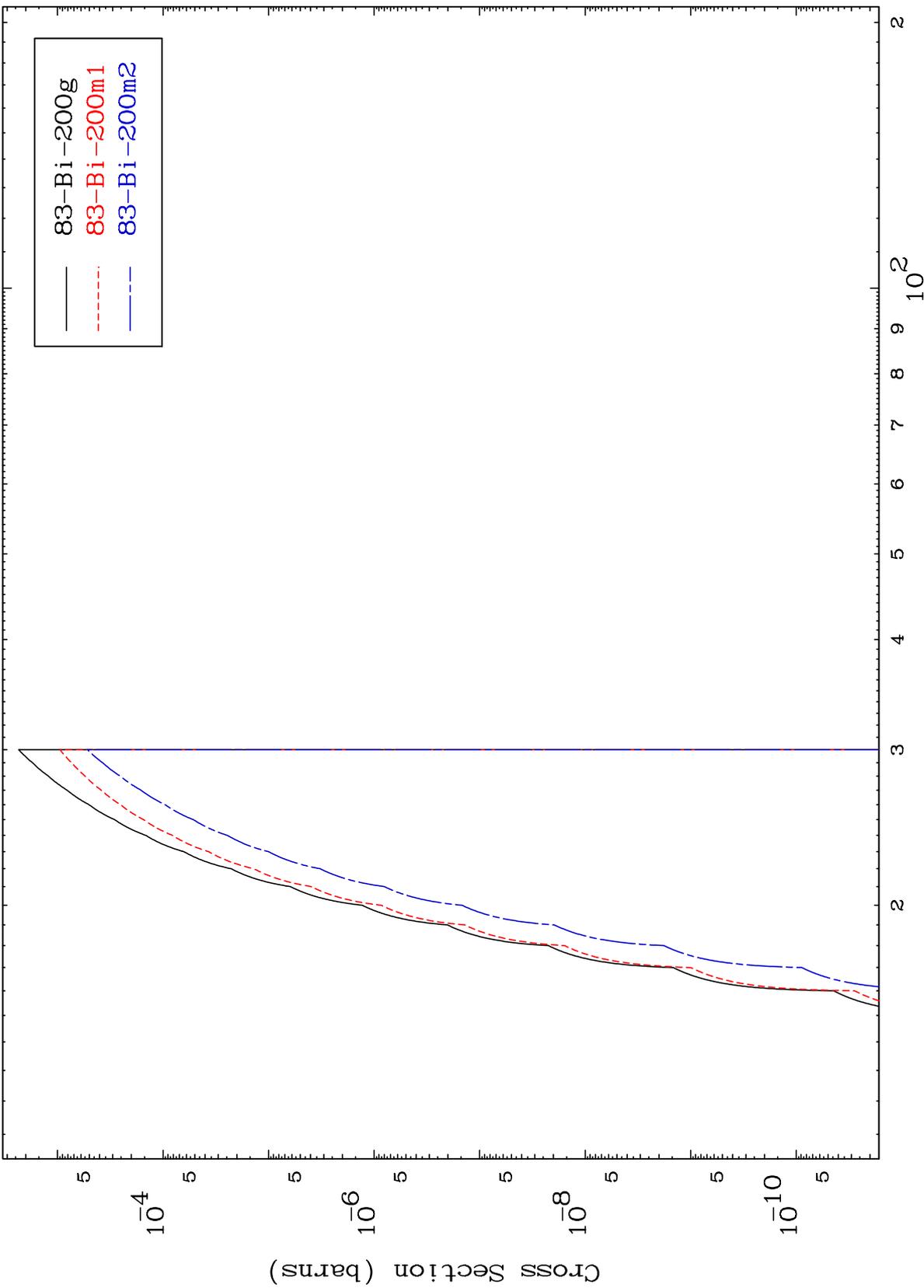
83-Bi-201g
83-Bi-201m1

Incident Energy (MeV)

84-Po-202

59

Radionuclide Production Cross Section

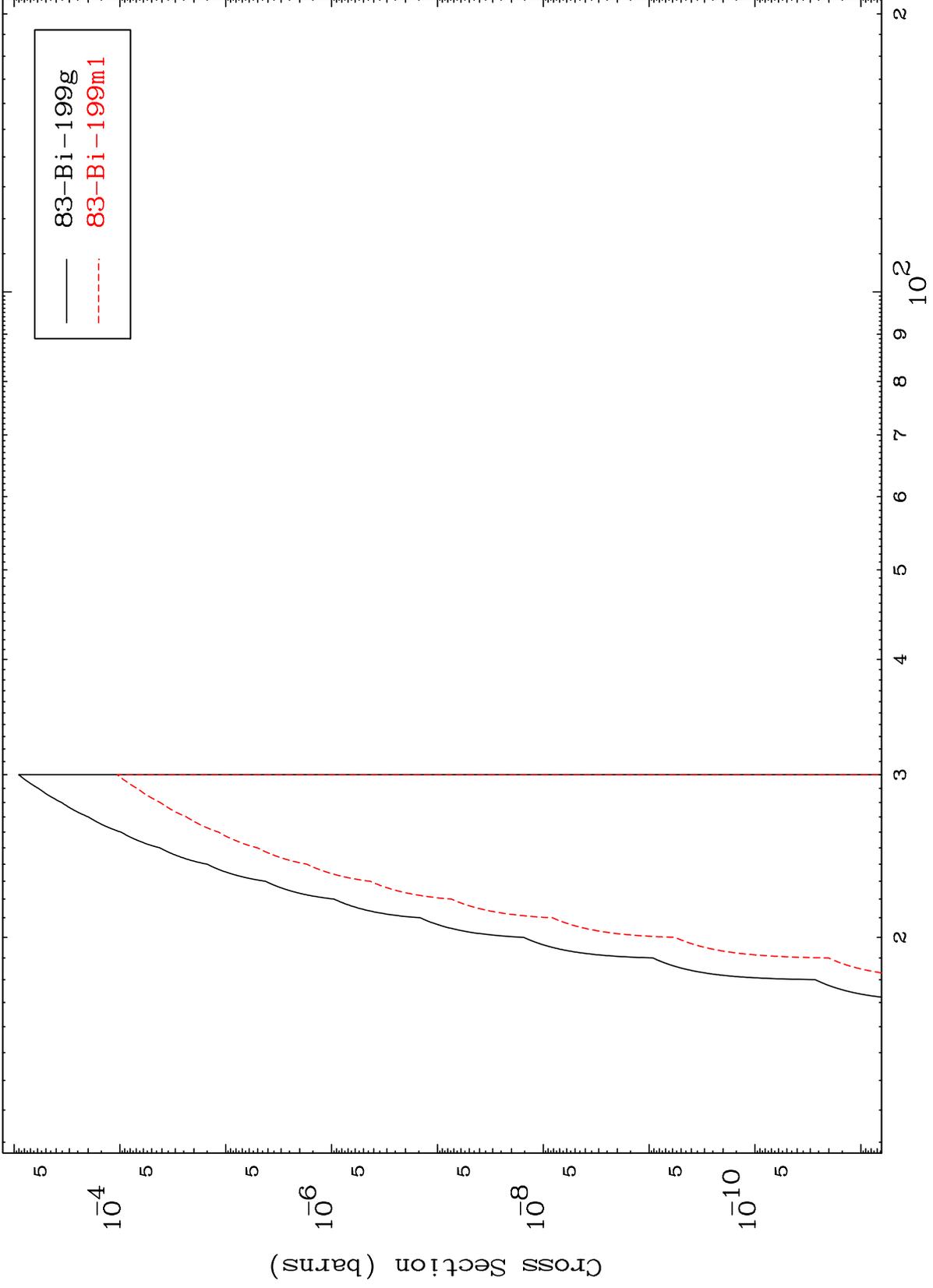


MAT 8413

(n,n') t

84-Po-202

Radionuclide Production Cross Section



61

Incident Energy (MeV)

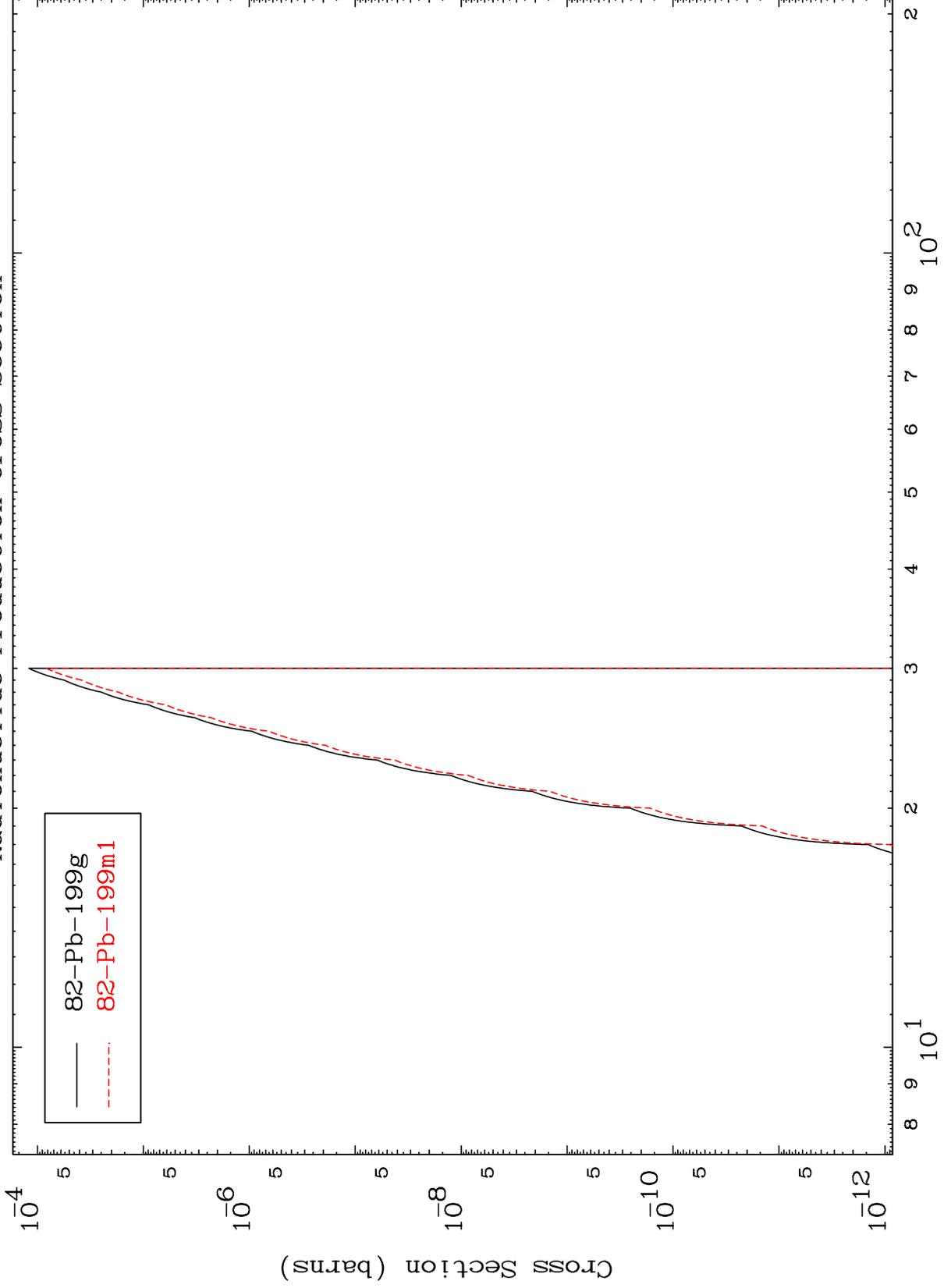
84-Po-202

MAT 8413

(n,n') He-3

84-Po-202

Radionuclide Production Cross Section



62

Incident Energy (MeV)

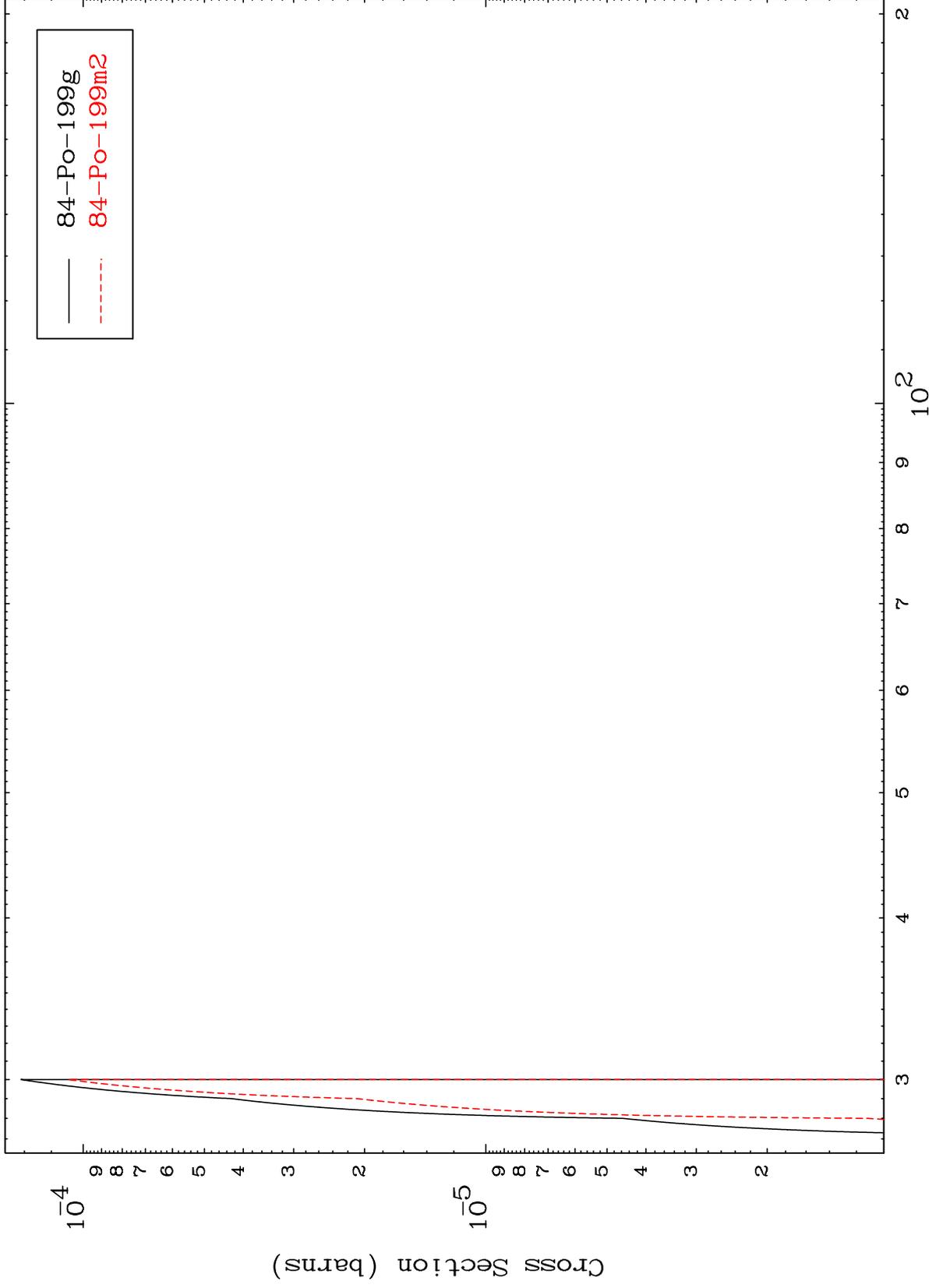
84-Po-202

MAT 8413

(n,4n)

84-Po-202

Radionuclide Production Cross Section



63

Incident Energy (MeV)

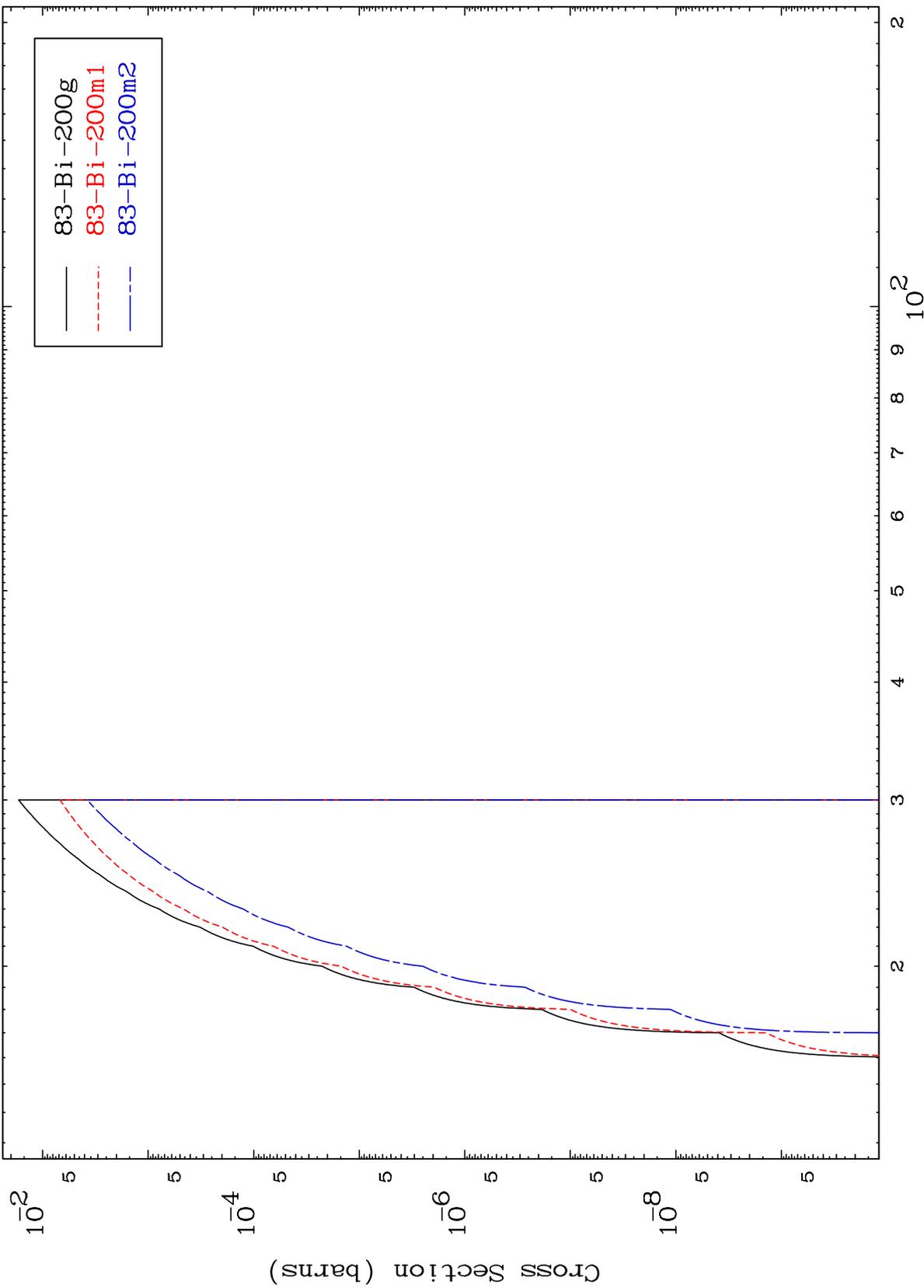
84-Po-202

MAT 8413

(n,2n) p

84-Po-202

Radionuclide Production Cross Section



64

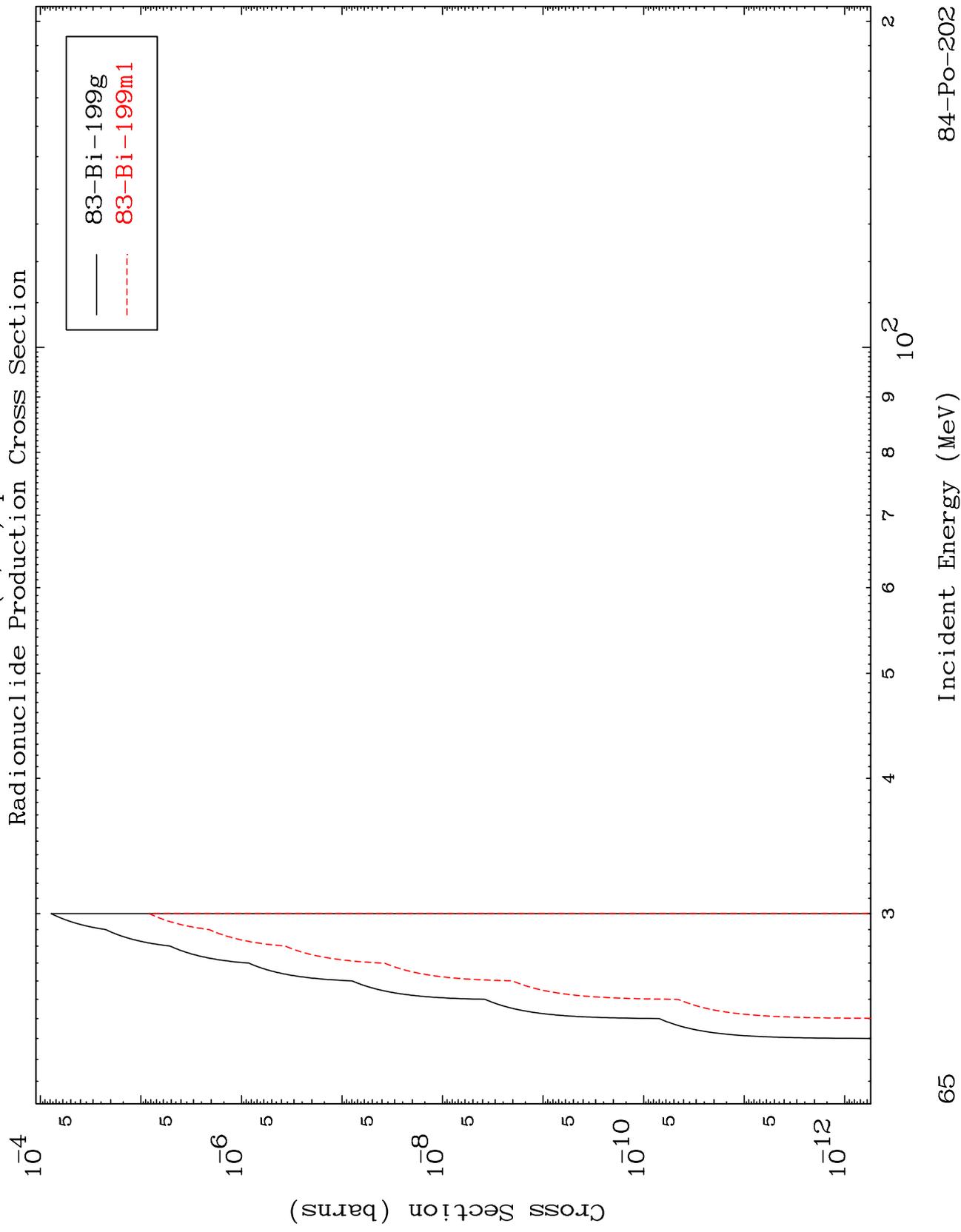
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,3n) p

84-Po-202



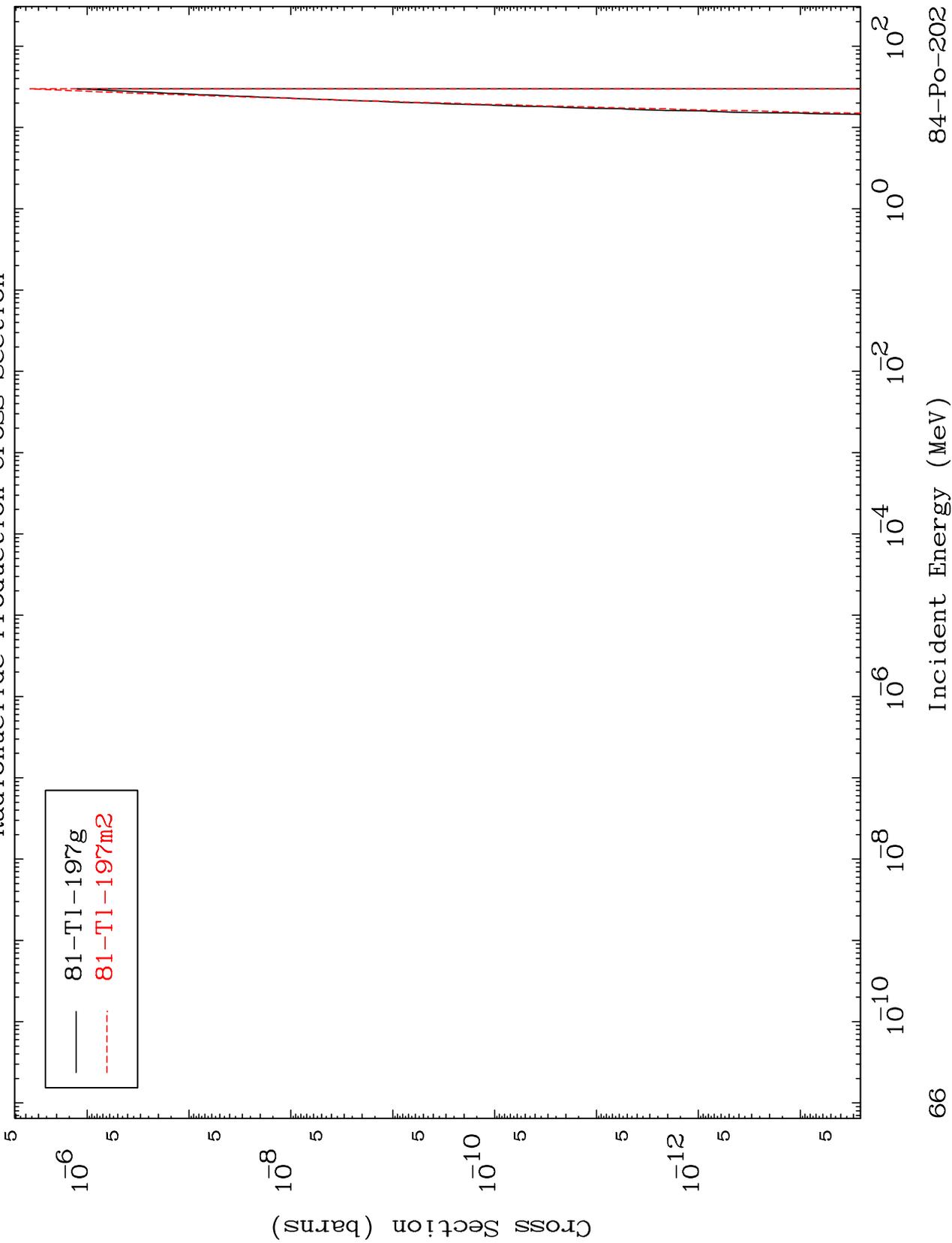
65

MAT 8413

(n,n') p α

84-Po-202

Radionuclide Production Cross Section

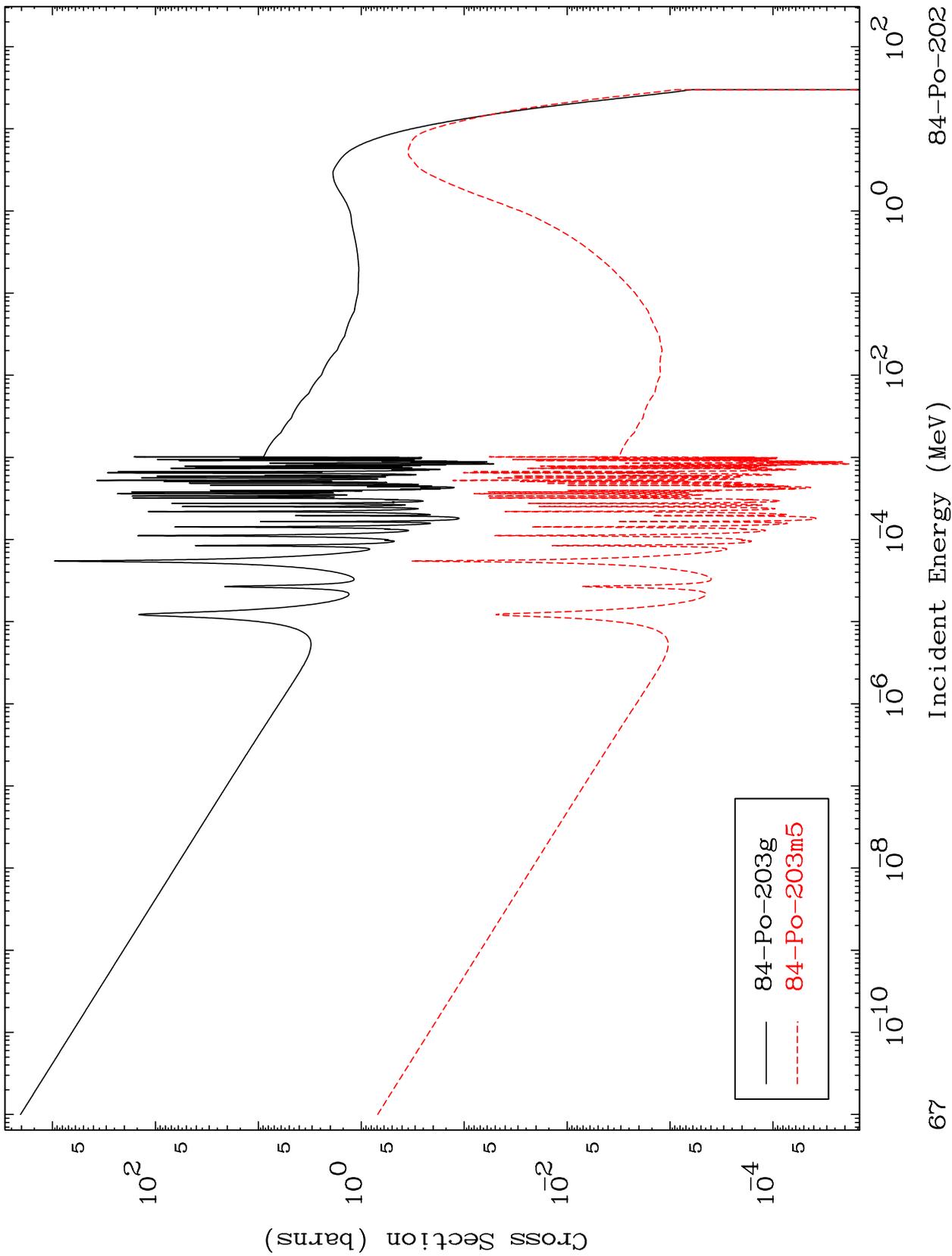


81-Tl-197g
81-Tl-197m2

MAT 8413

84-Po-202

(n, γ)
Radionuclide Production Cross Section



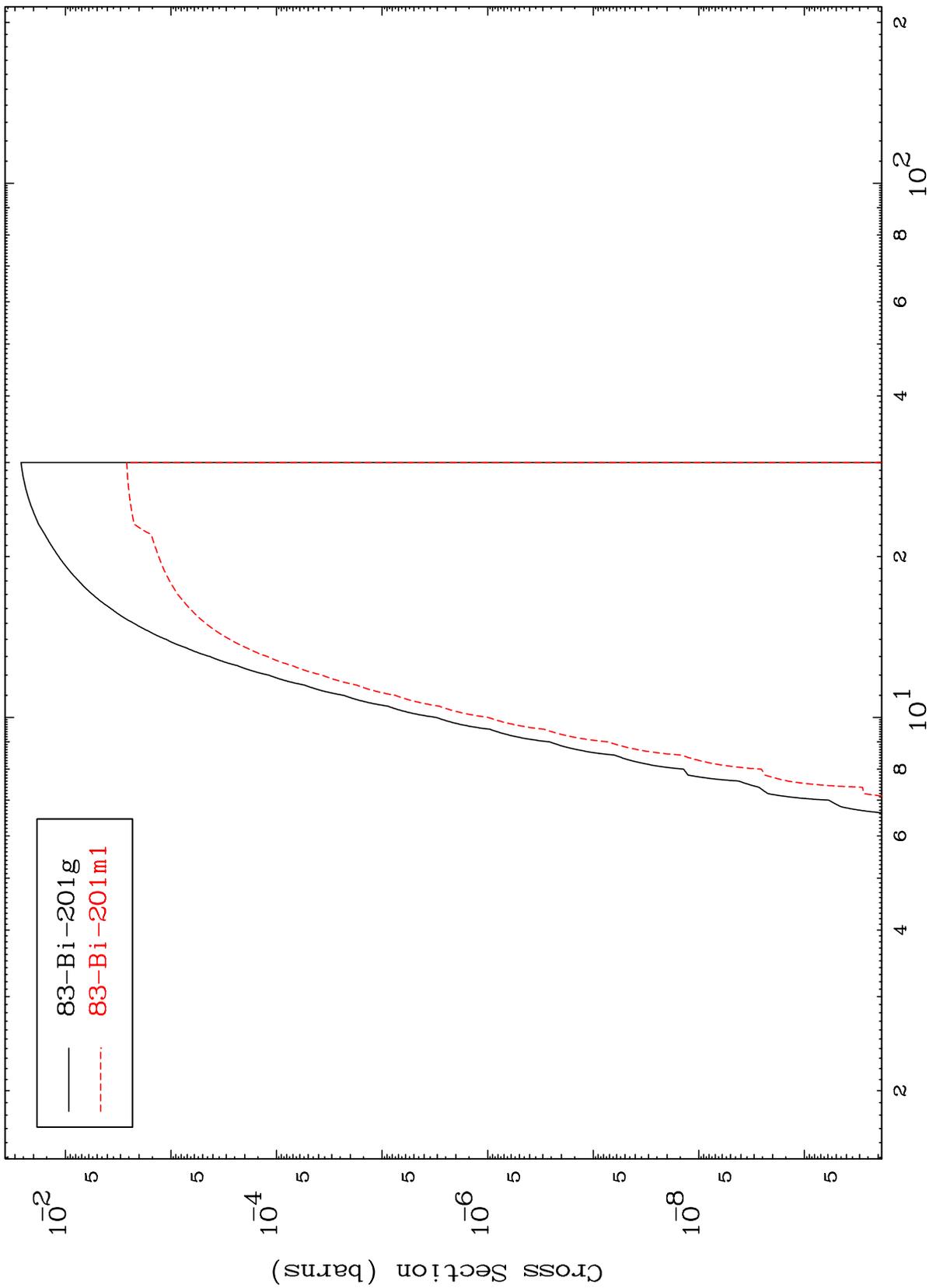
67

84-Po-202

MAT 8413

84-Po-202

(n,d)
Radionuclide Production Cross Section



— 83-Bi-201g
- - - 83-Bi-201m1

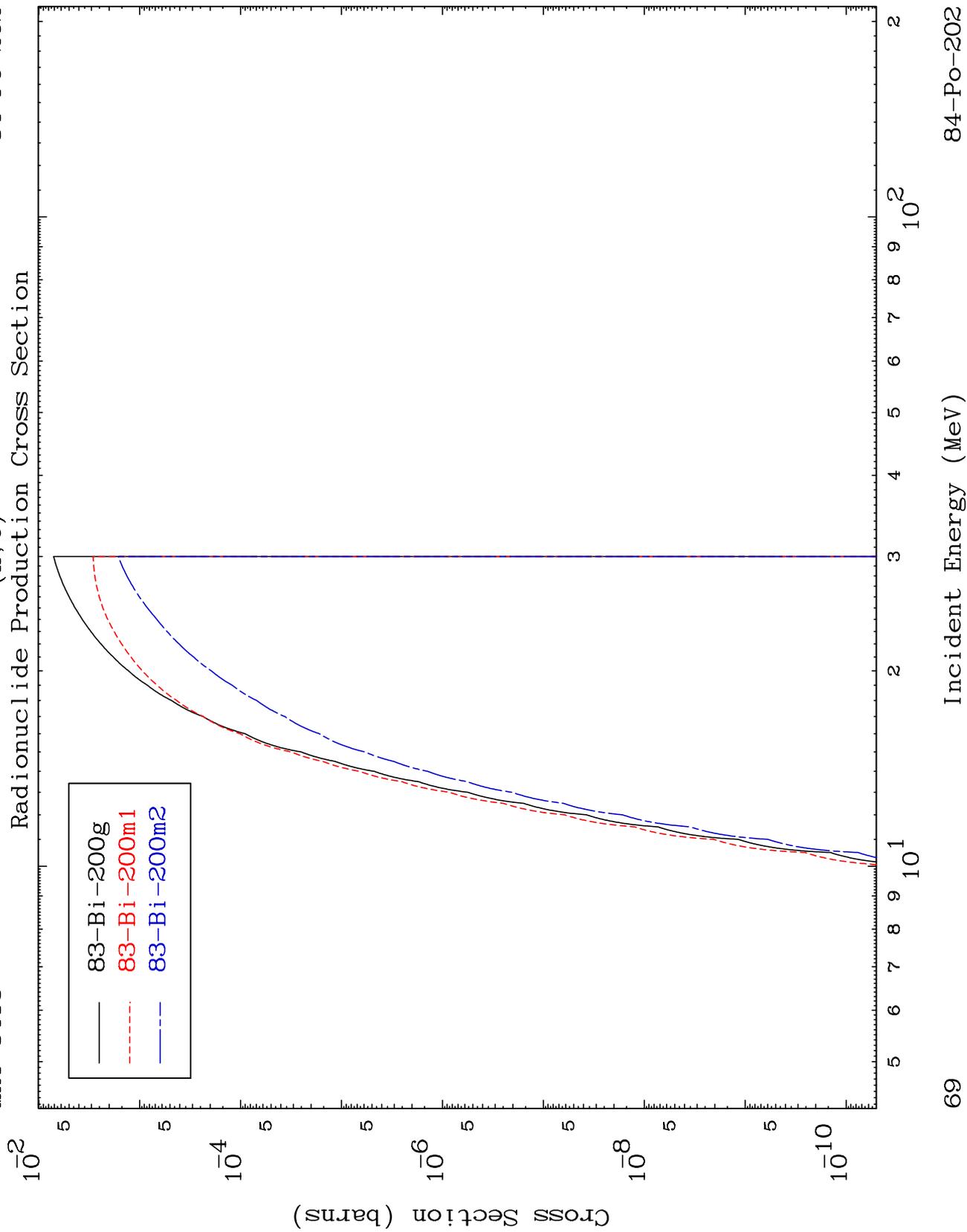
68

84-Po-202

Incident Energy (MeV)

MAT 8413

84-Po-202

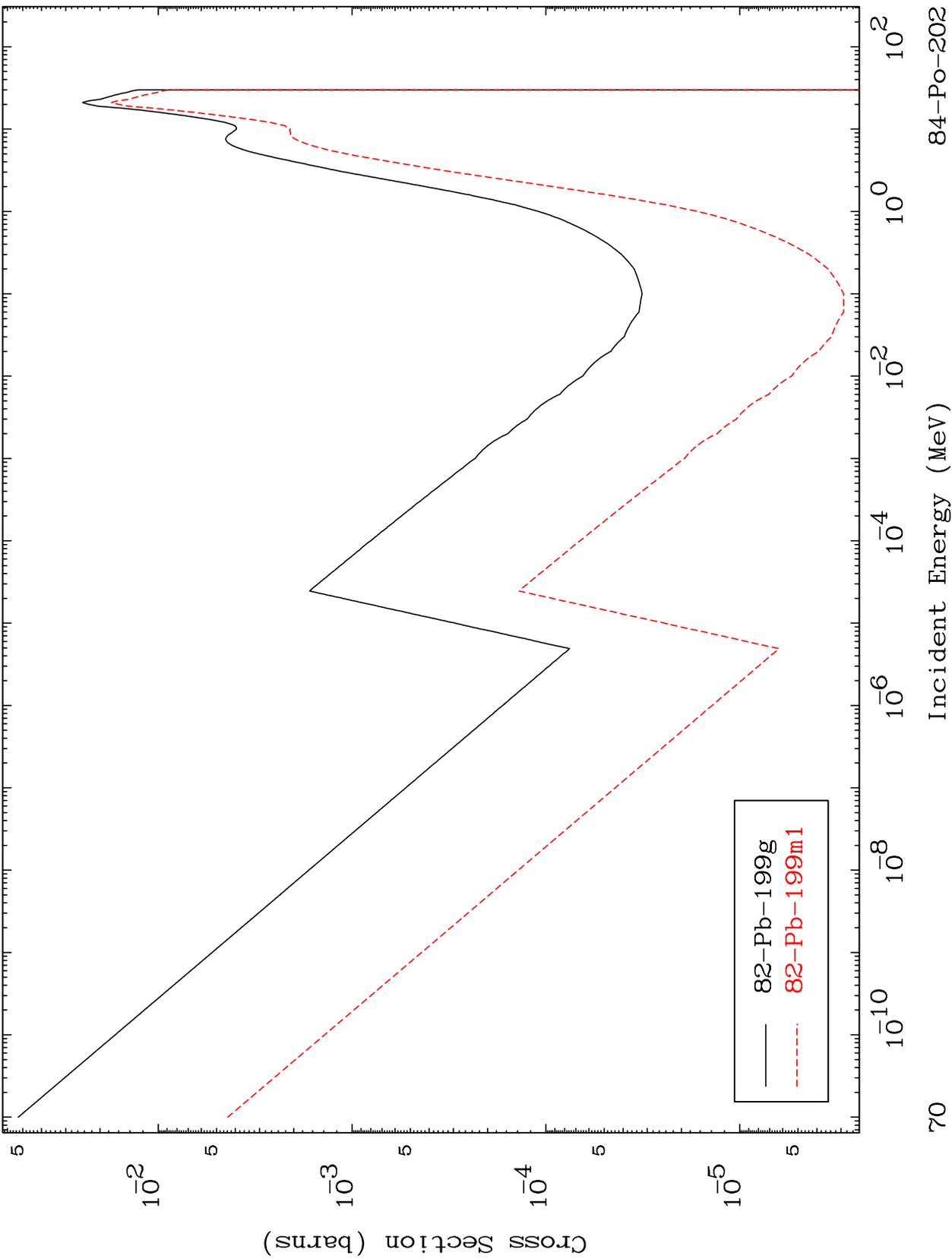


69

MAT 8413

84-Po-202

Radionuclide Production Cross Section
(n, α)



70

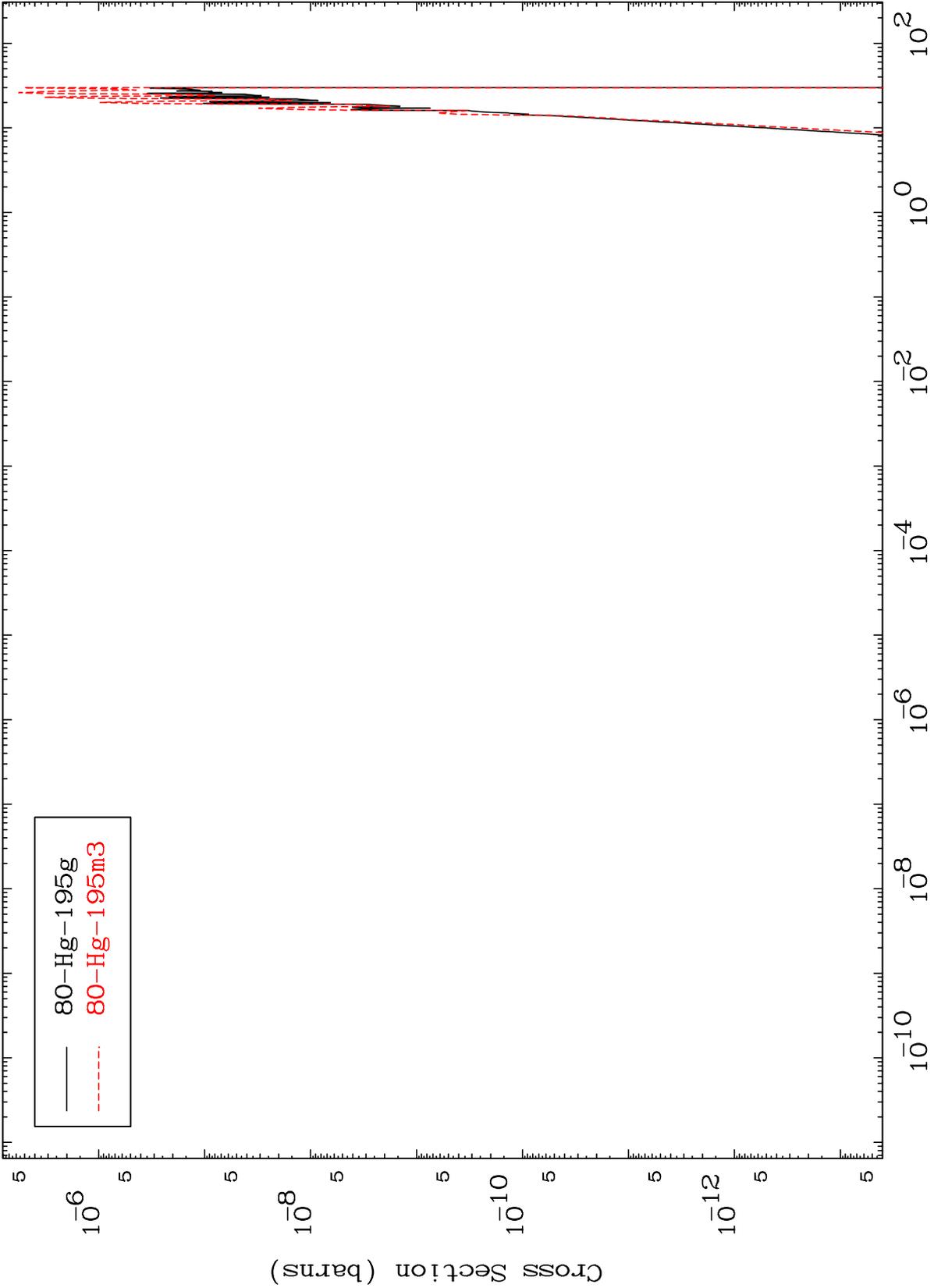
84-Po-202

MAT 8413

(n,2α)

84-Po-202

Radionuclide Production Cross Section



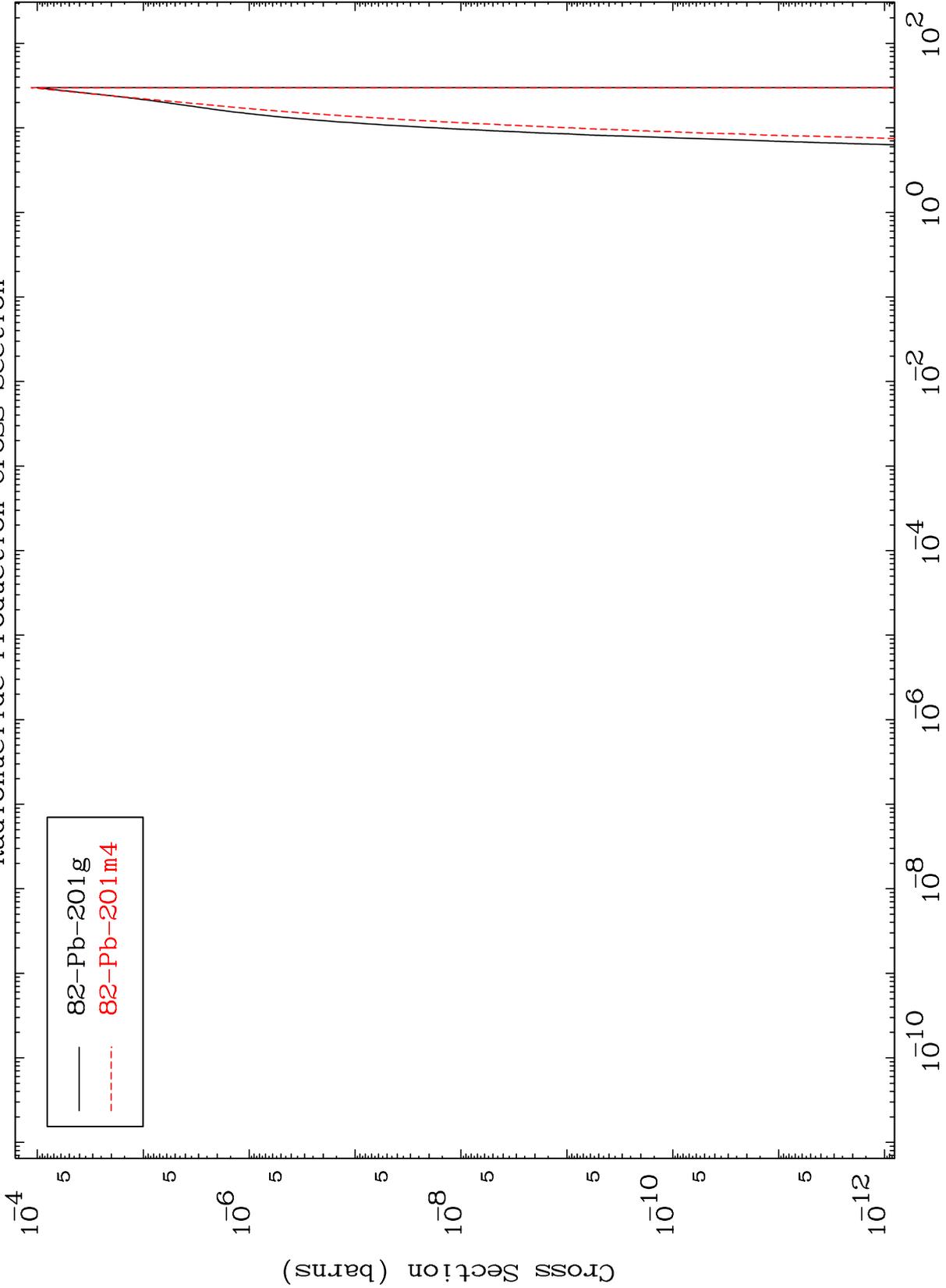
80-Hg-195g
80-Hg-195m3

MAT 8413

(n,2p)

84-Po-202

Radionuclide Production Cross Section



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

72

Incident Energy (MeV)

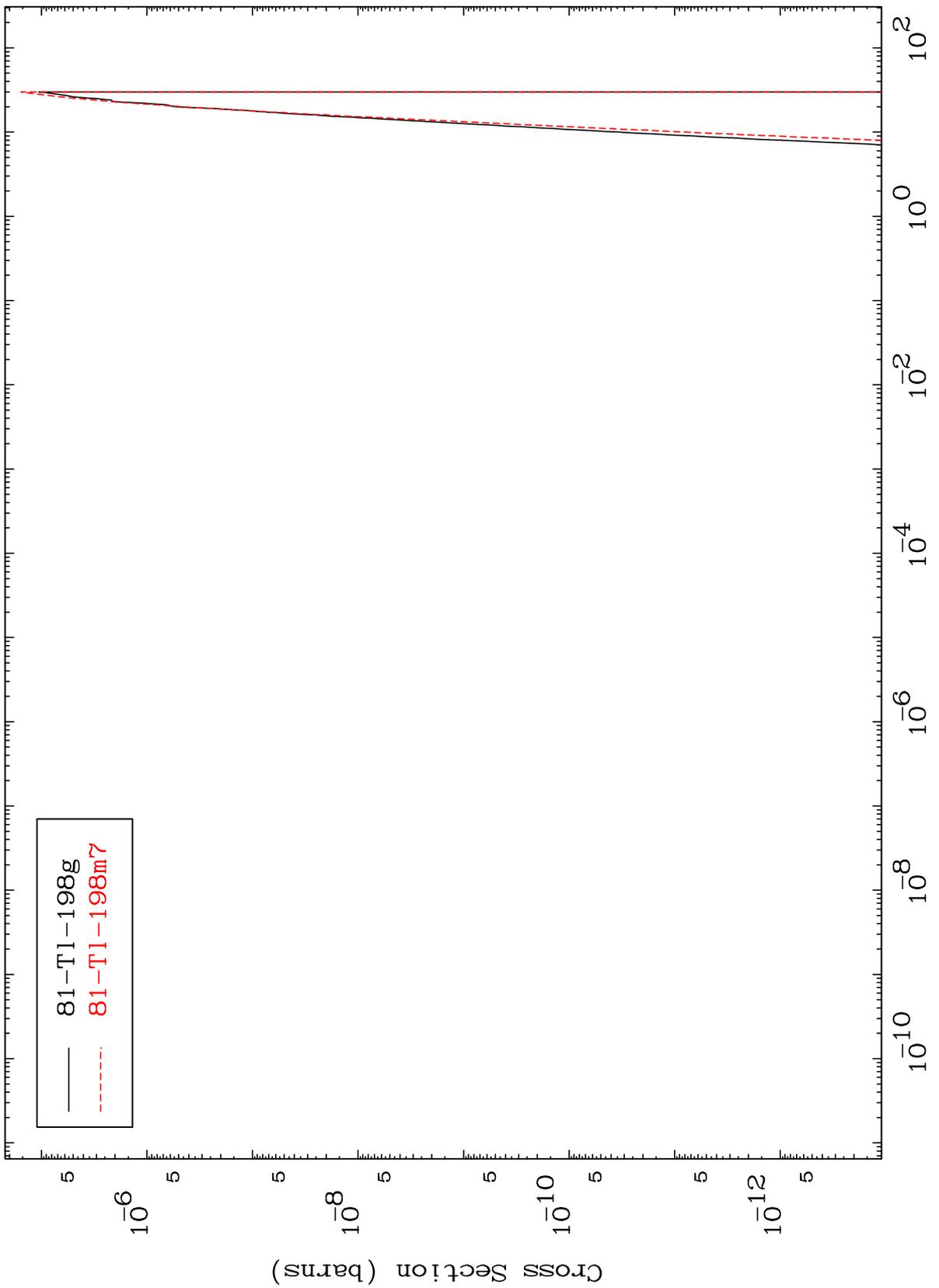
84-Po-202

MAT 8413

(n,p) α

84-Po-202

Radionuclide Production Cross Section



73

Incident Energy (MeV)

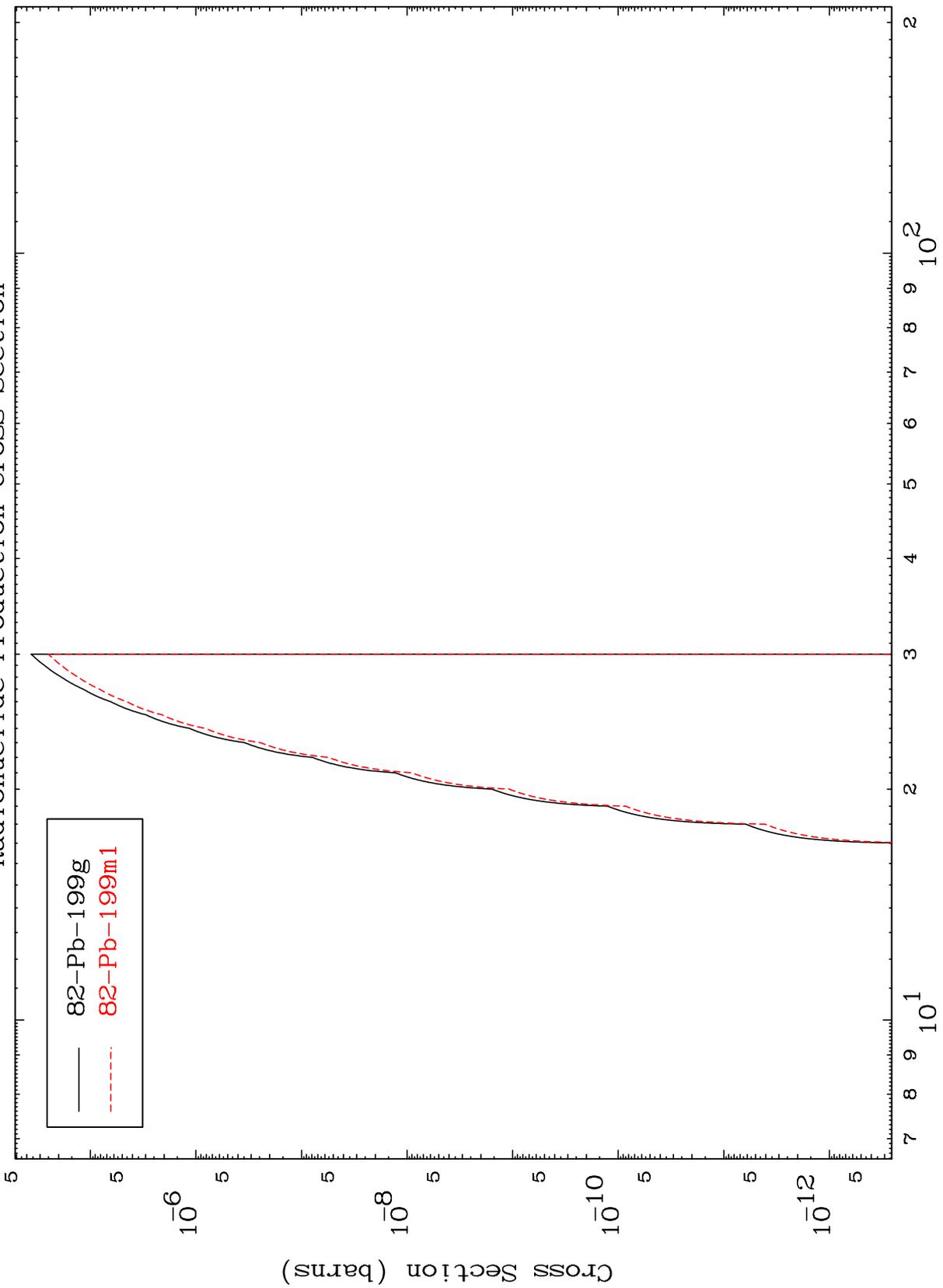
84-Po-202

MAT 8413

(n,p) t

84-Po-202

Radionuclide Production Cross Section



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

74

Incident Energy (MeV)

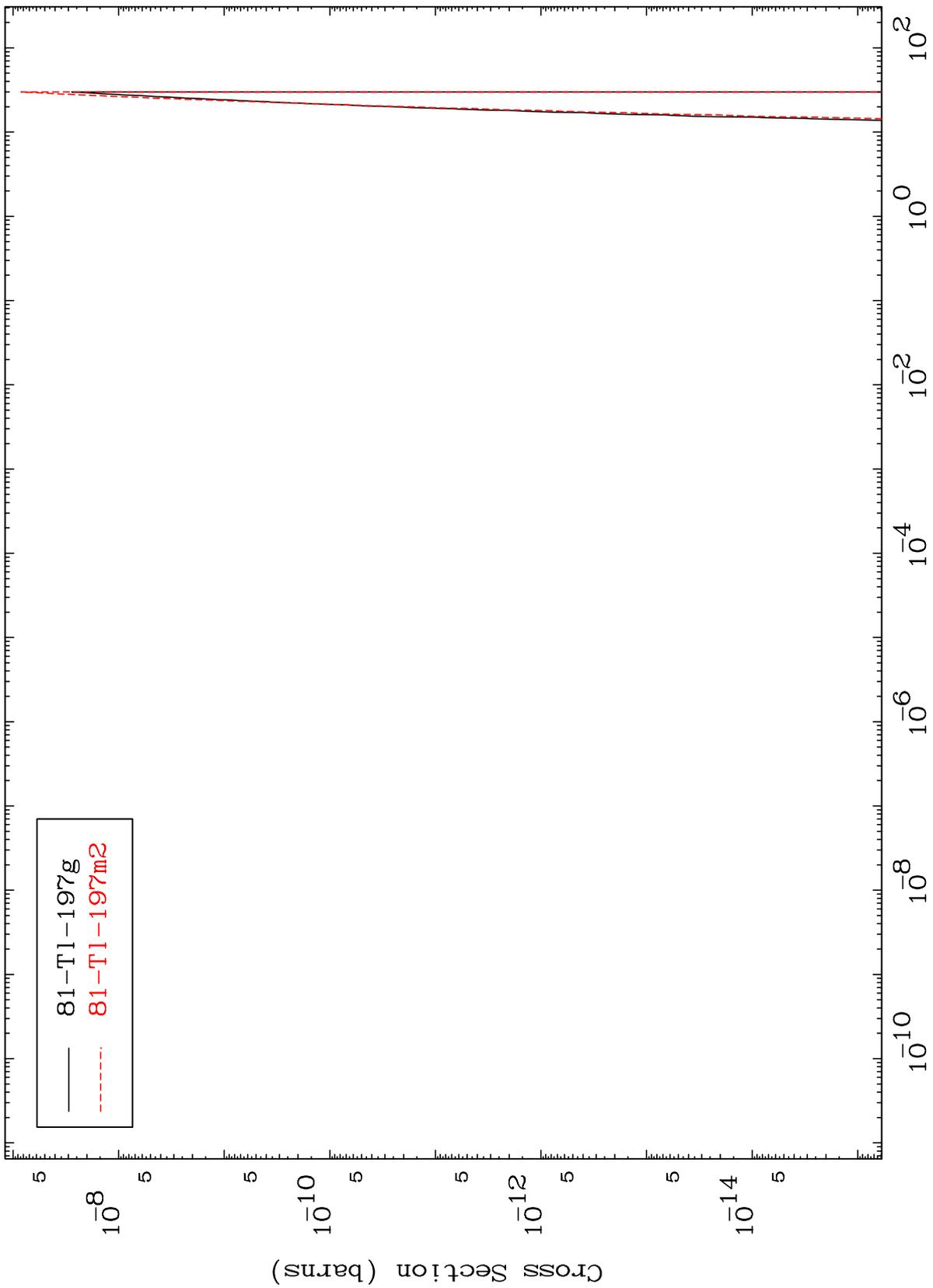
84-Po-202

MAT 8413

(n,d) α

84-Po-202

Radionuclide Production Cross Section



75

Incident Energy (MeV)

84-Po-202