

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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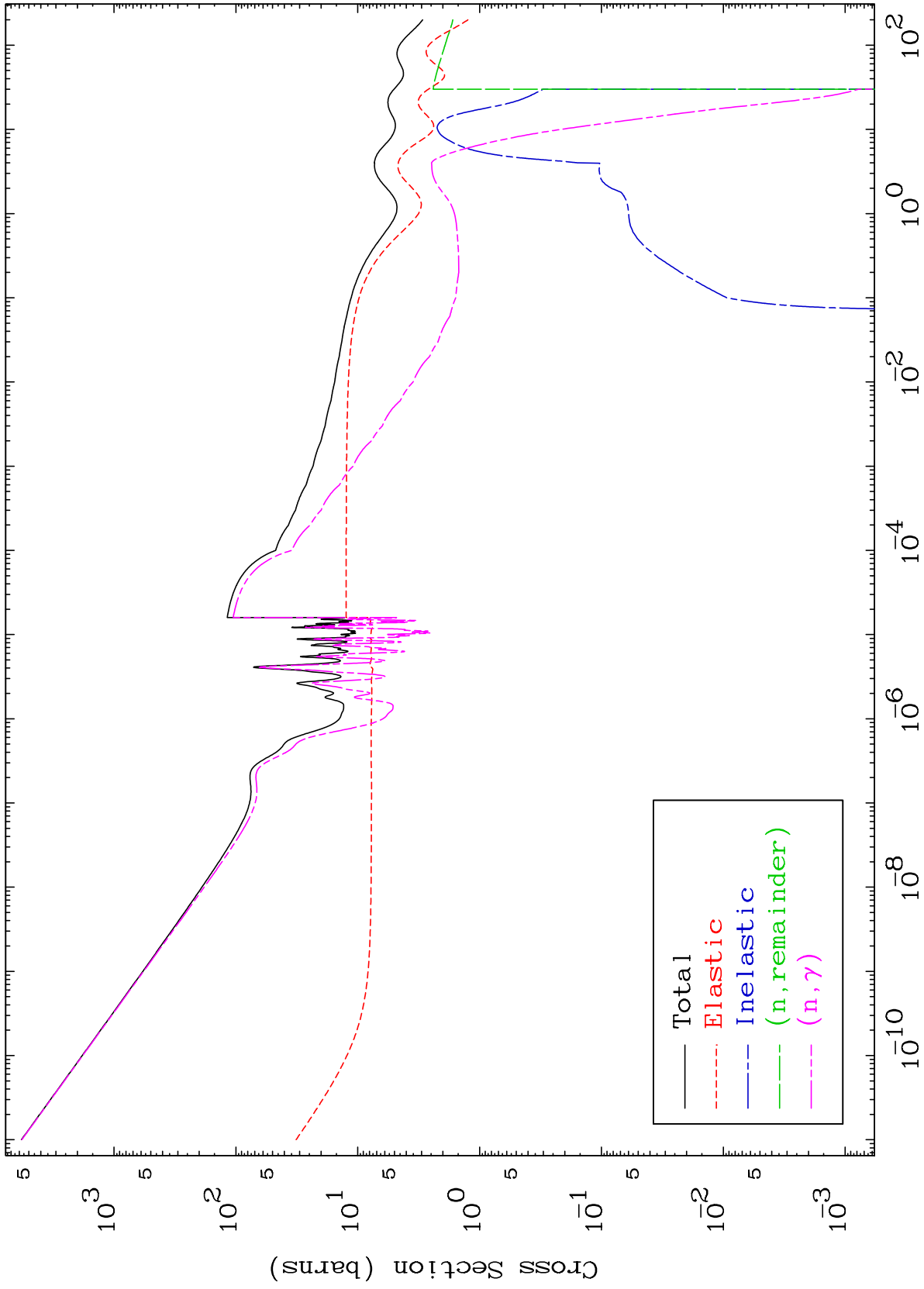
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8404

Major  
293 Kelvin Cross Sections

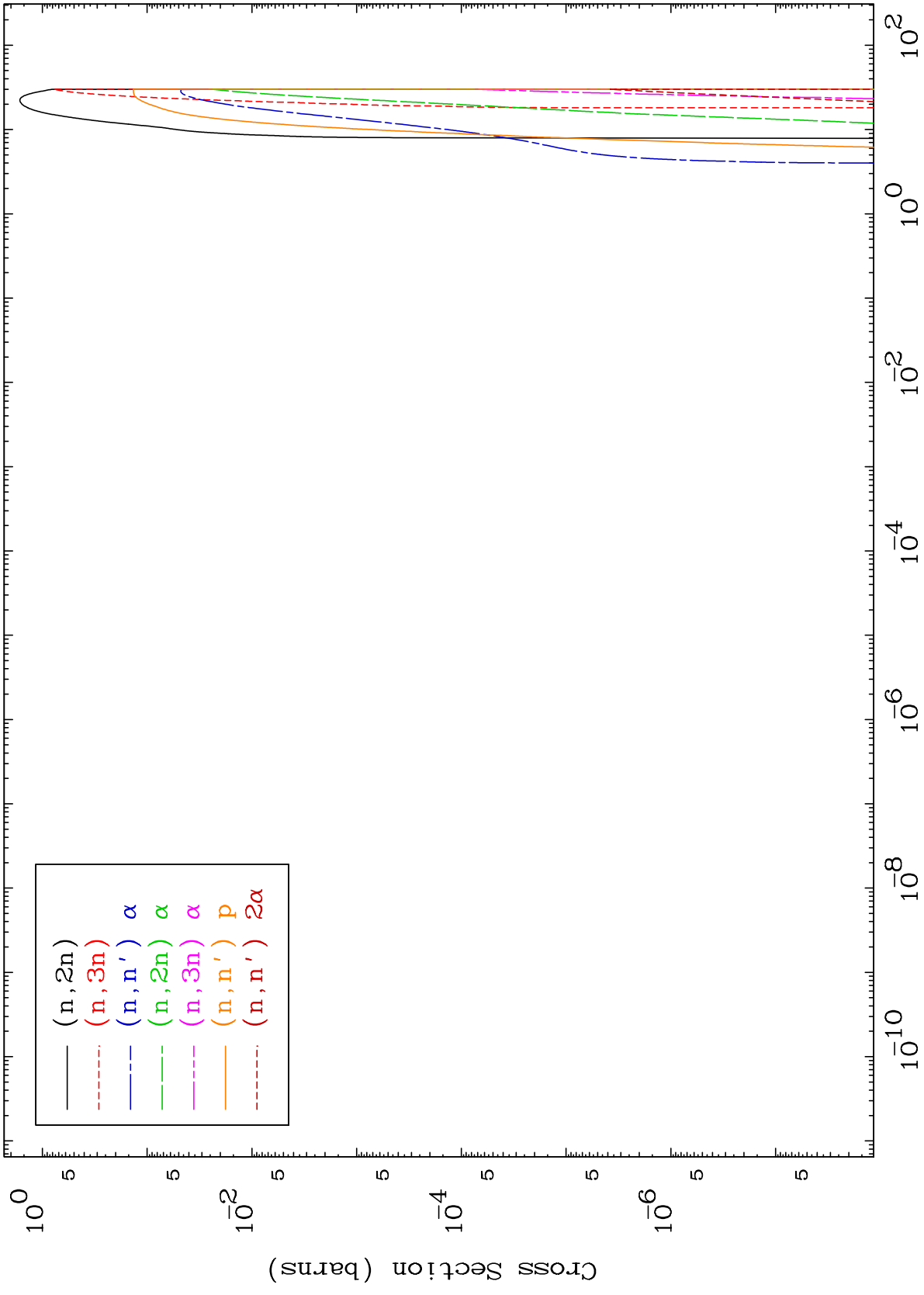
84-Po-199



MAT 8404

Neutron Production  
293 Kelvin Cross Sections

84-Po-199

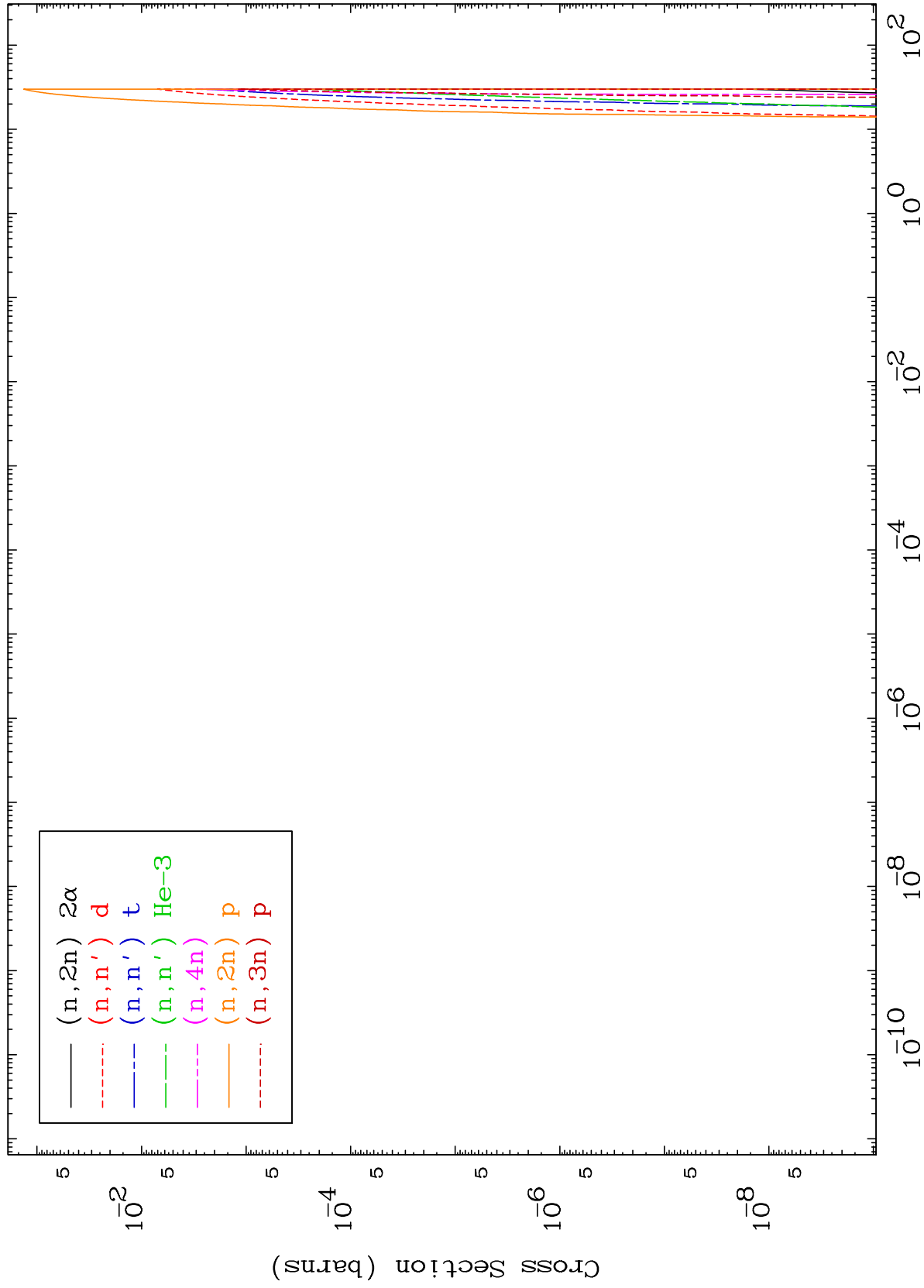


84-Po-199

MAT 8404

### Neutron Production 293 Kelvin Cross Sections

84-Po-199

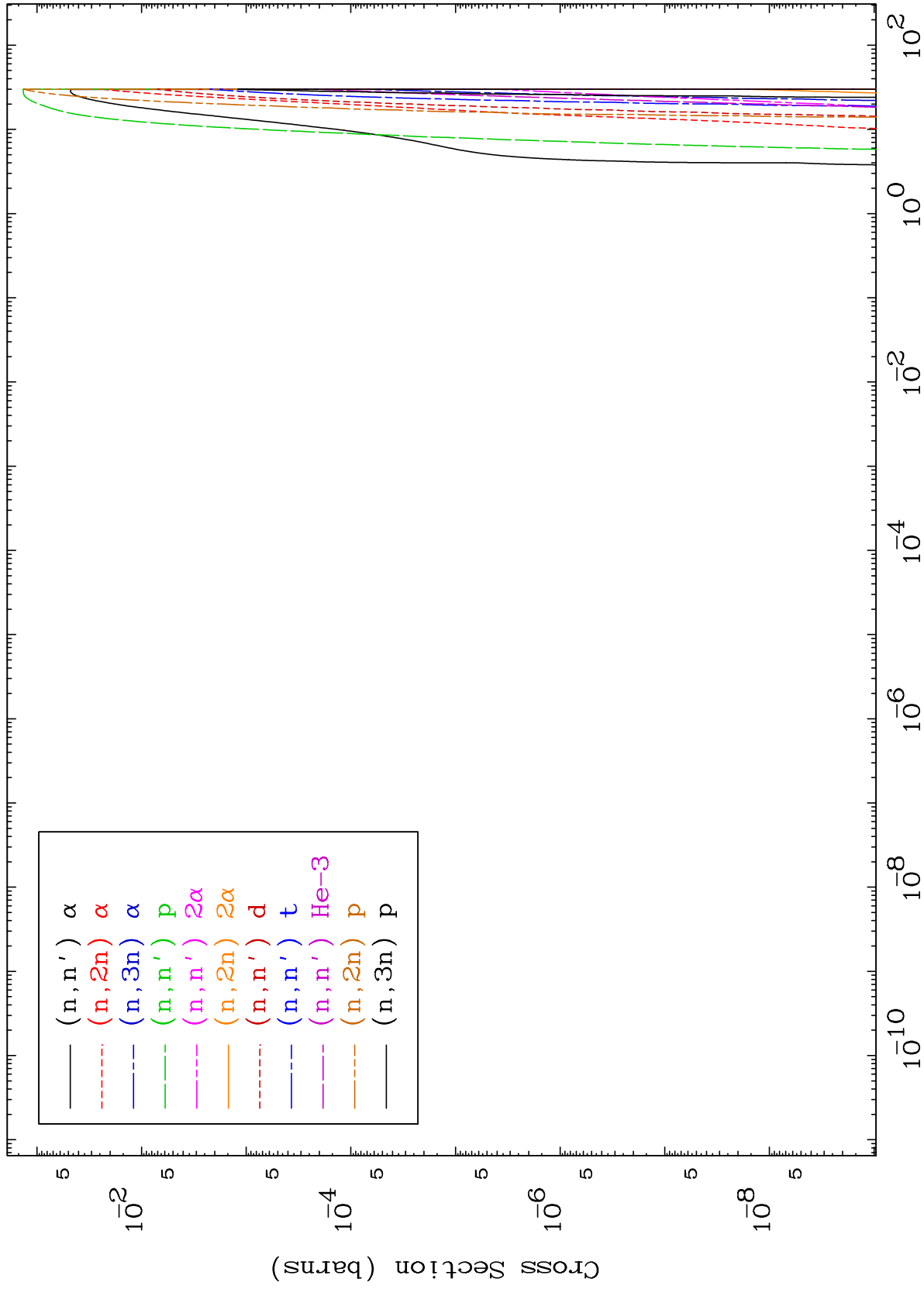


84-Po-199

MAT 8404

Charged Particle  
293 Kelvin Cross Sections

84-Po-199



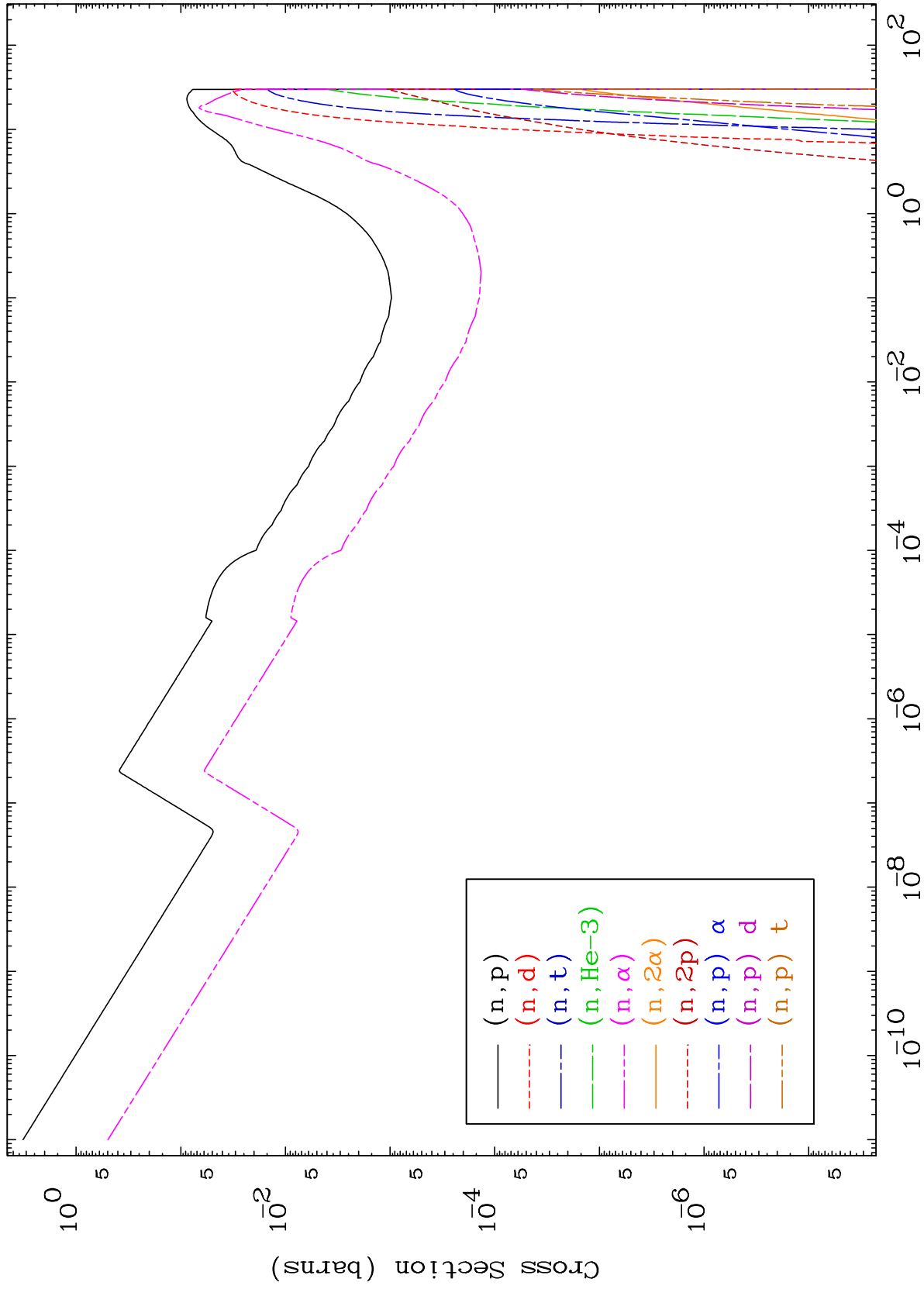
84-Po-199

Incident Energy (MeV)

MAT 8404

293 Kelvin Cross Sections

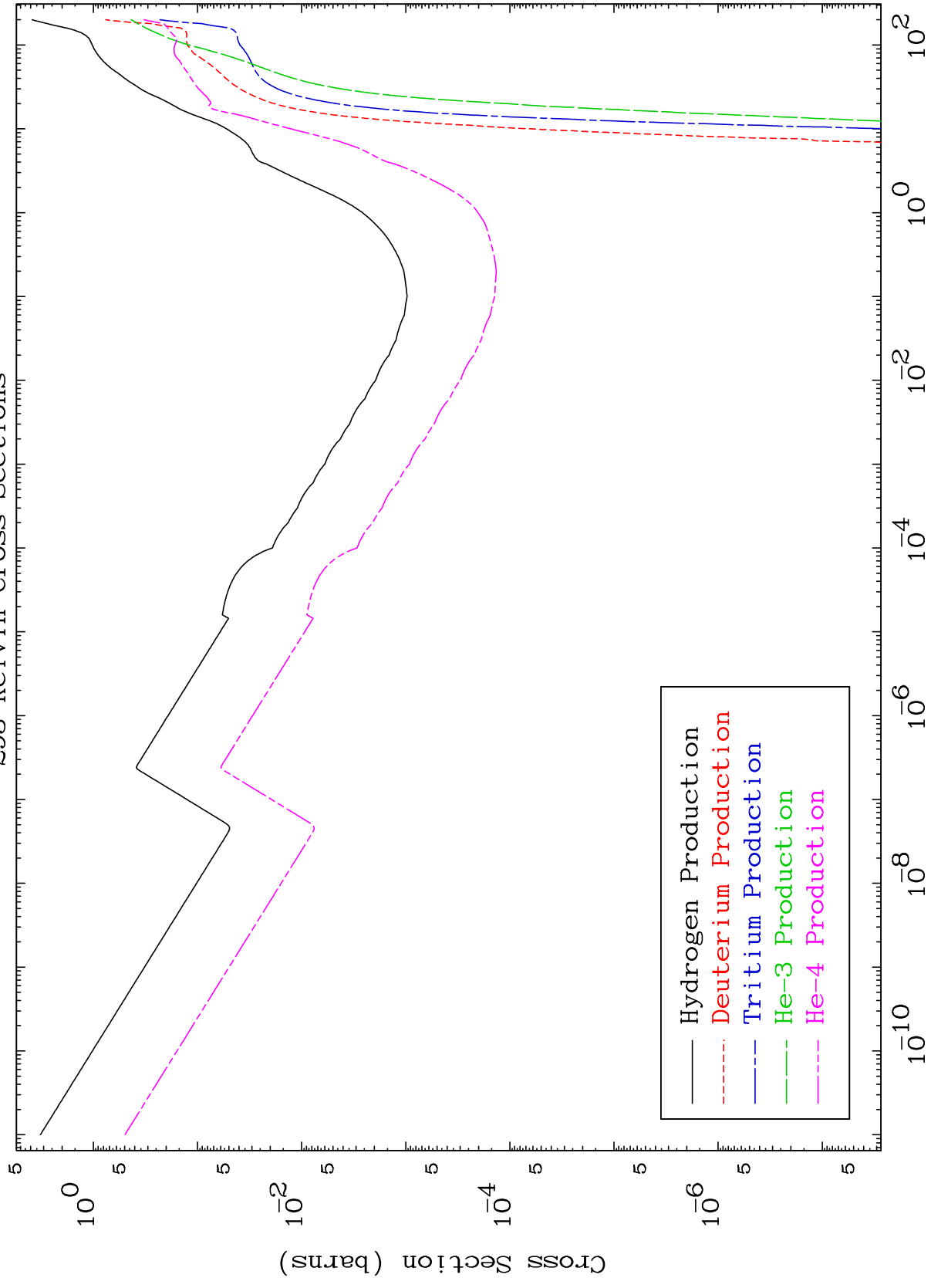
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MAT 8404

Particle Production  
293 Kelvin Cross Sections

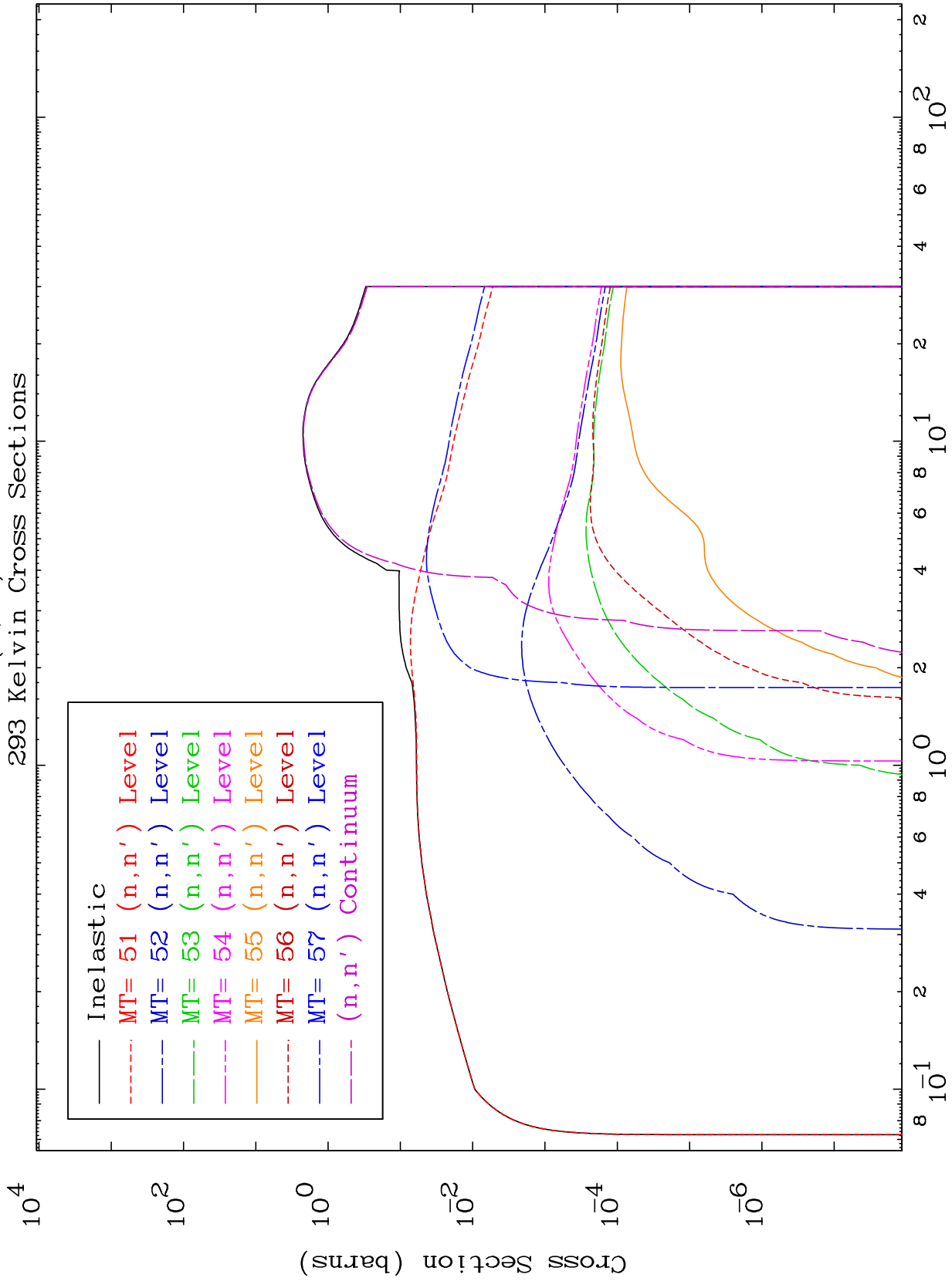
84-Po-199



MAT 8404

293 Kelvin Cross Sections  
(n,n') Level

84-Po-199



7

Incident Energy (MeV)

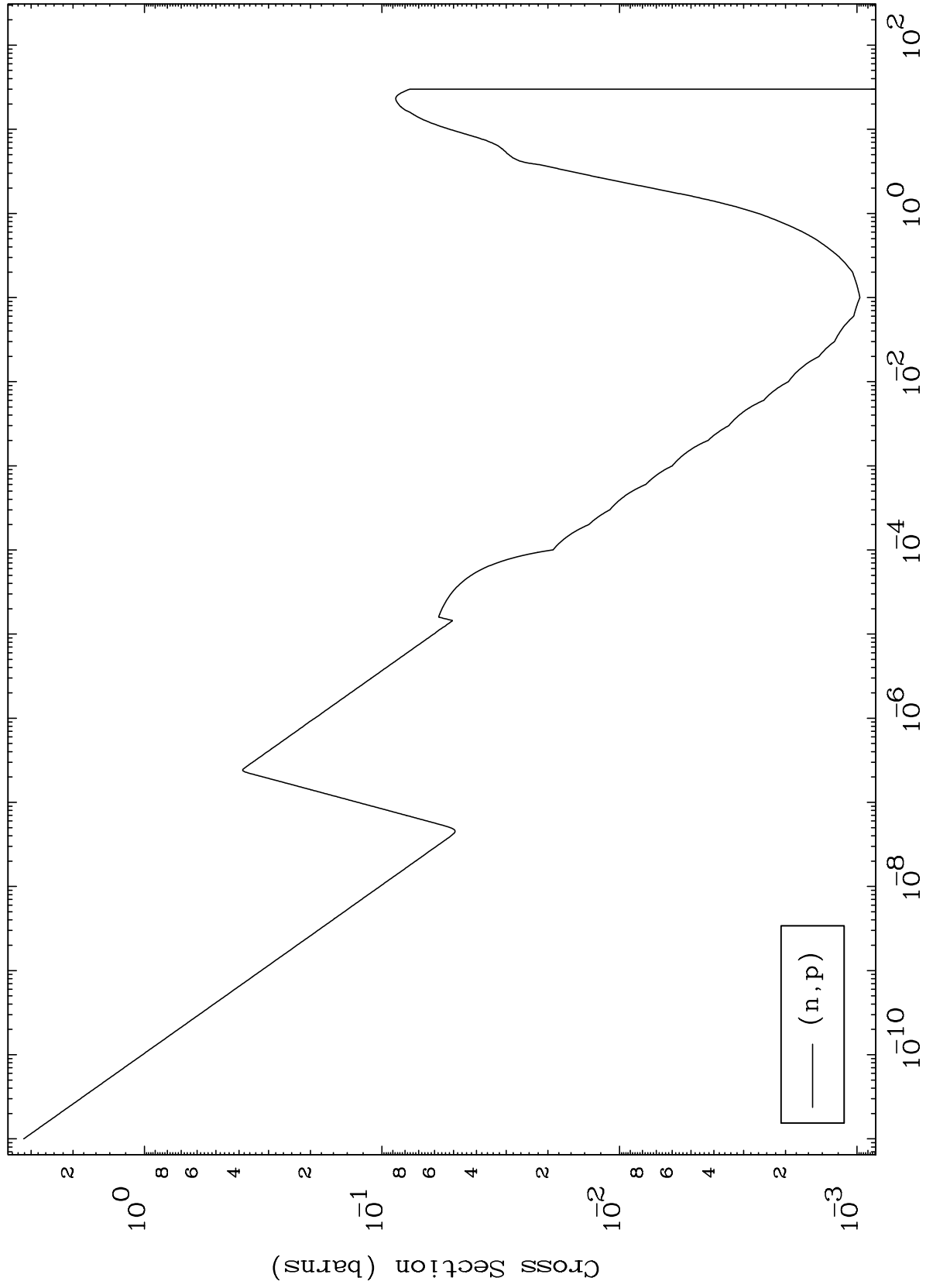
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MAT 8404

(n,p) Levels  
293 Kelvin Cross Sections

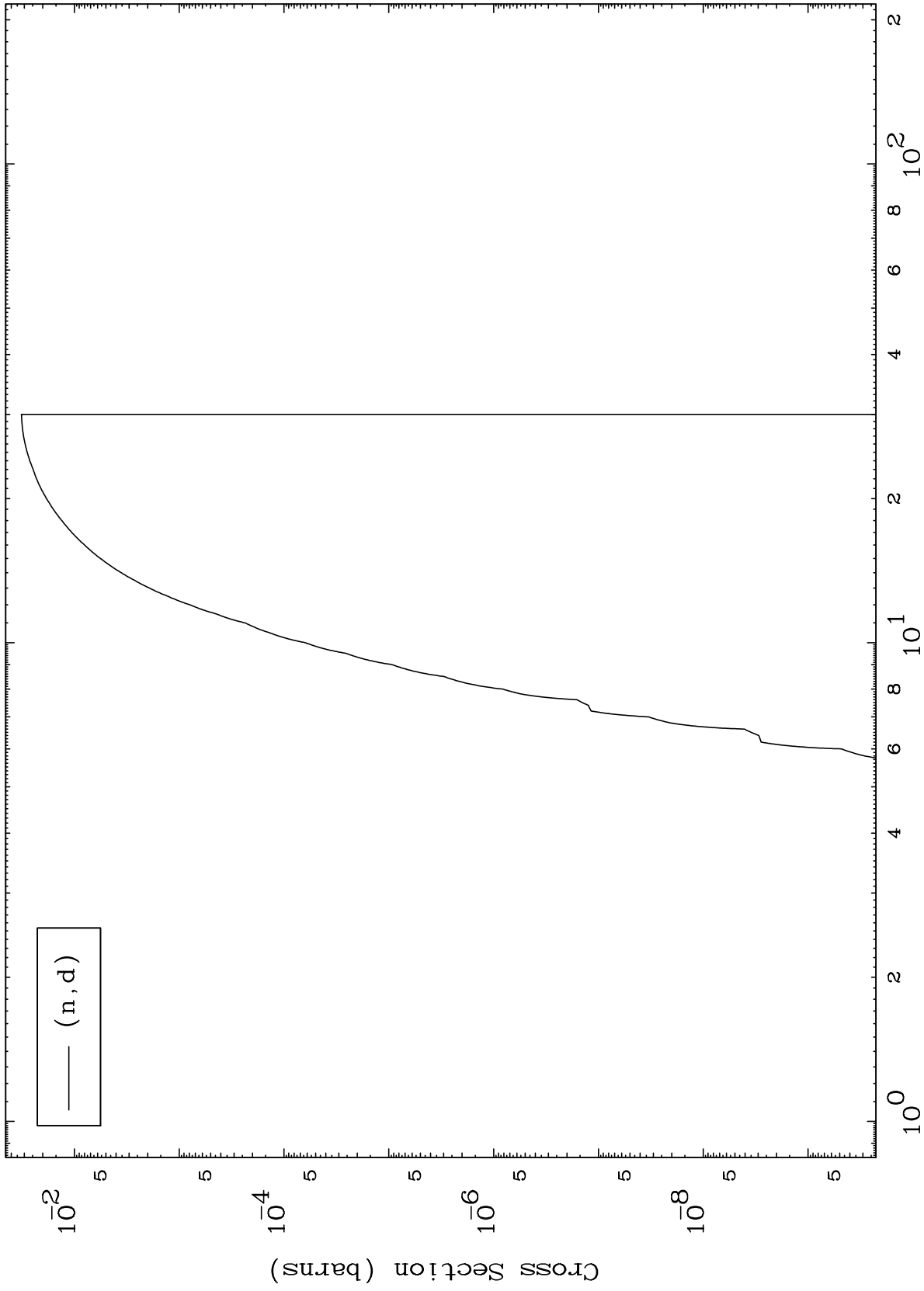
84-Po-199



MAT 8404

(n,d) Levels  
293 Kelvin Cross Sections

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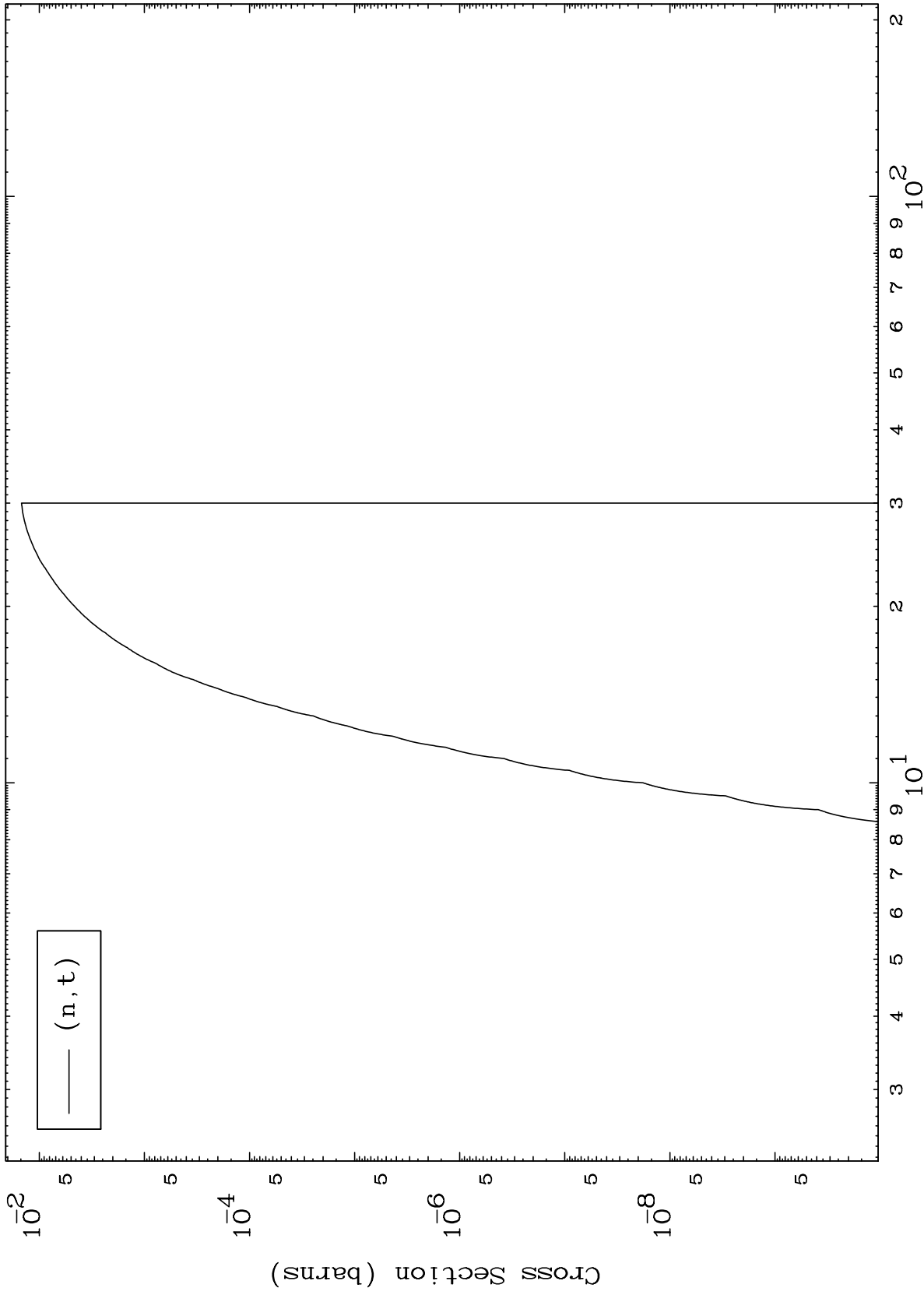


84-Po-199

MAT 8404

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-199



10

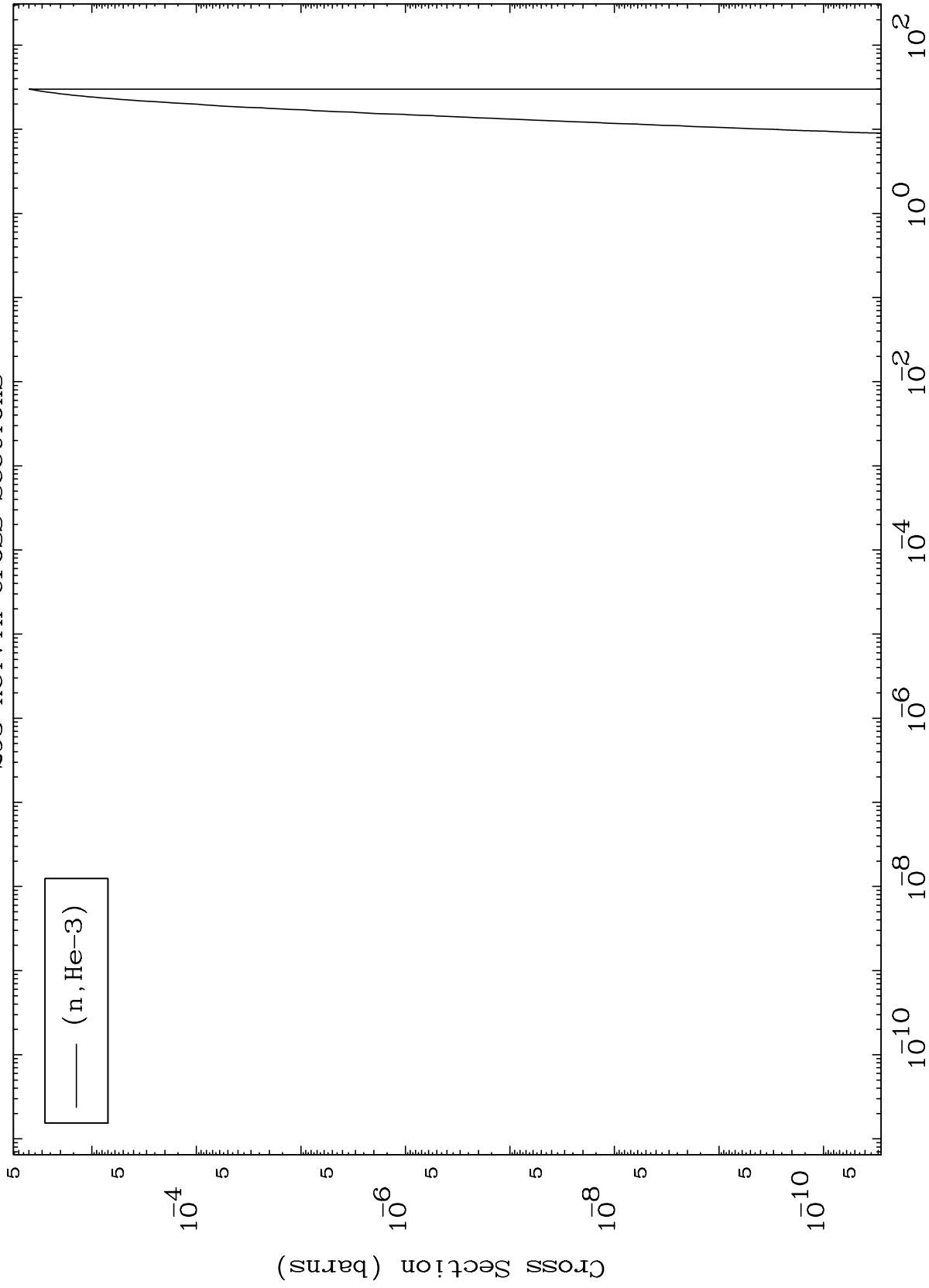
Incident Energy (MeV)

84-Po-199

MAT 8404

(n,He3) Levels  
293 Kelvin Cross Sections

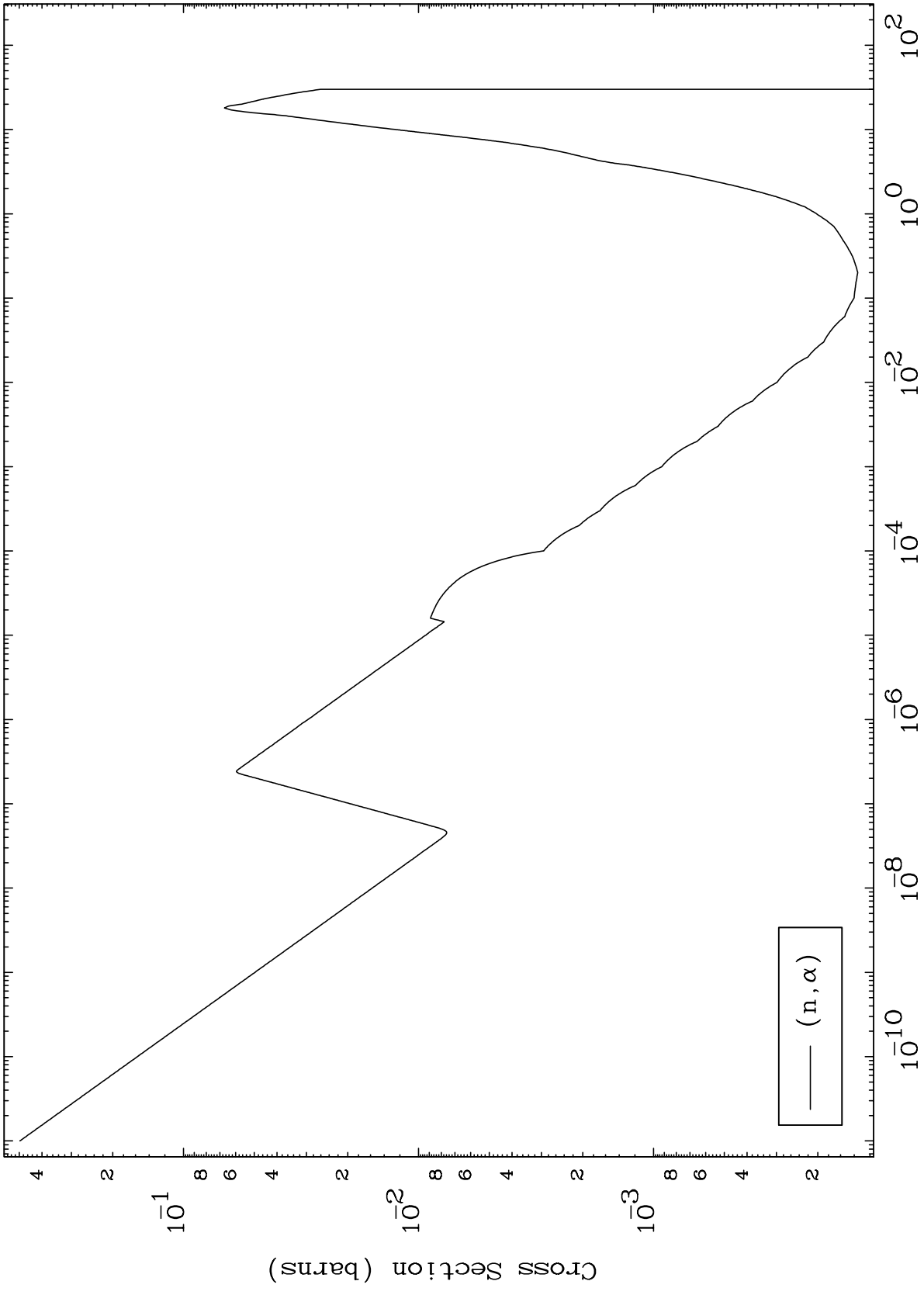
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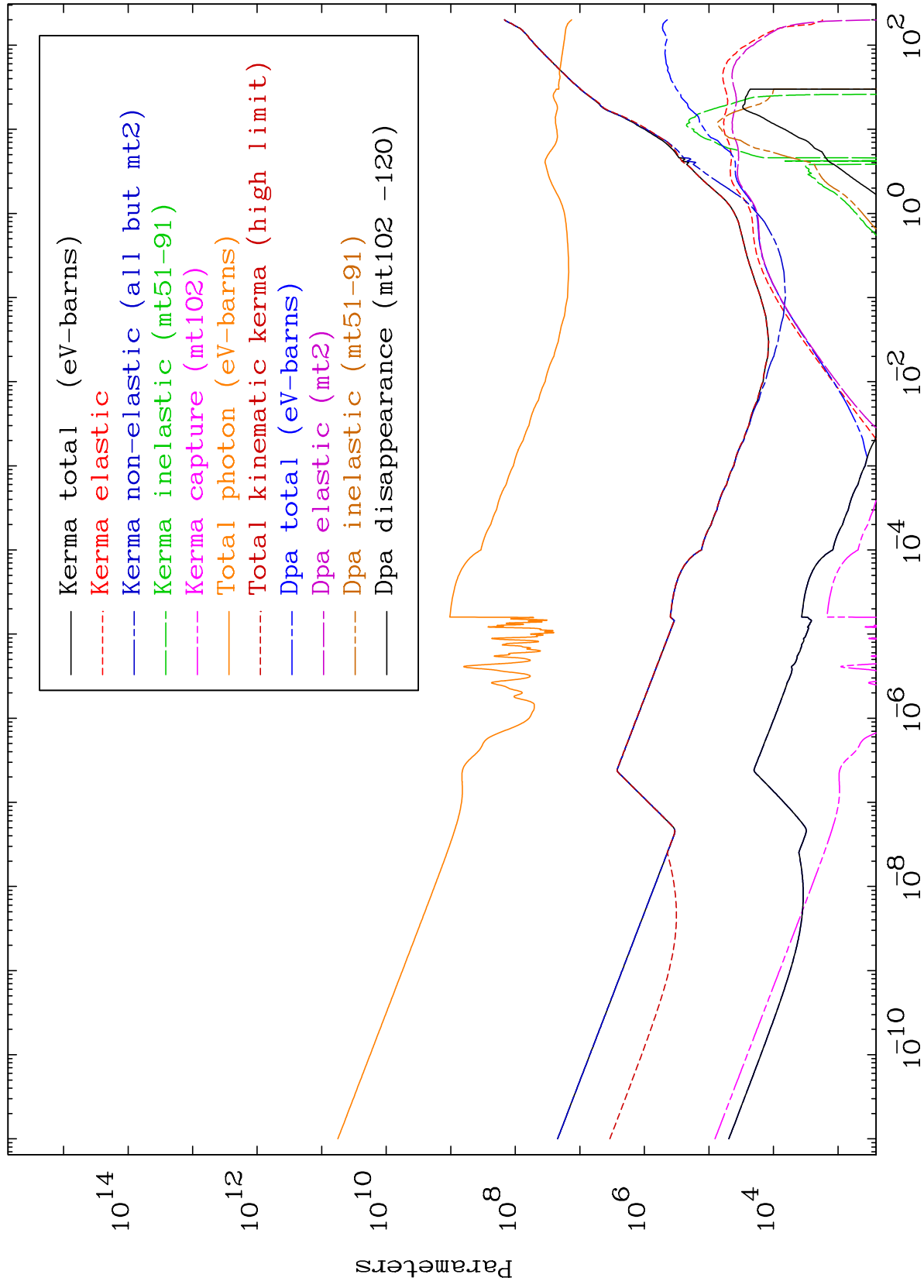


MAT 8404

(n,α) Levels  
293 Kelvin Cross Sections

84-Po-199

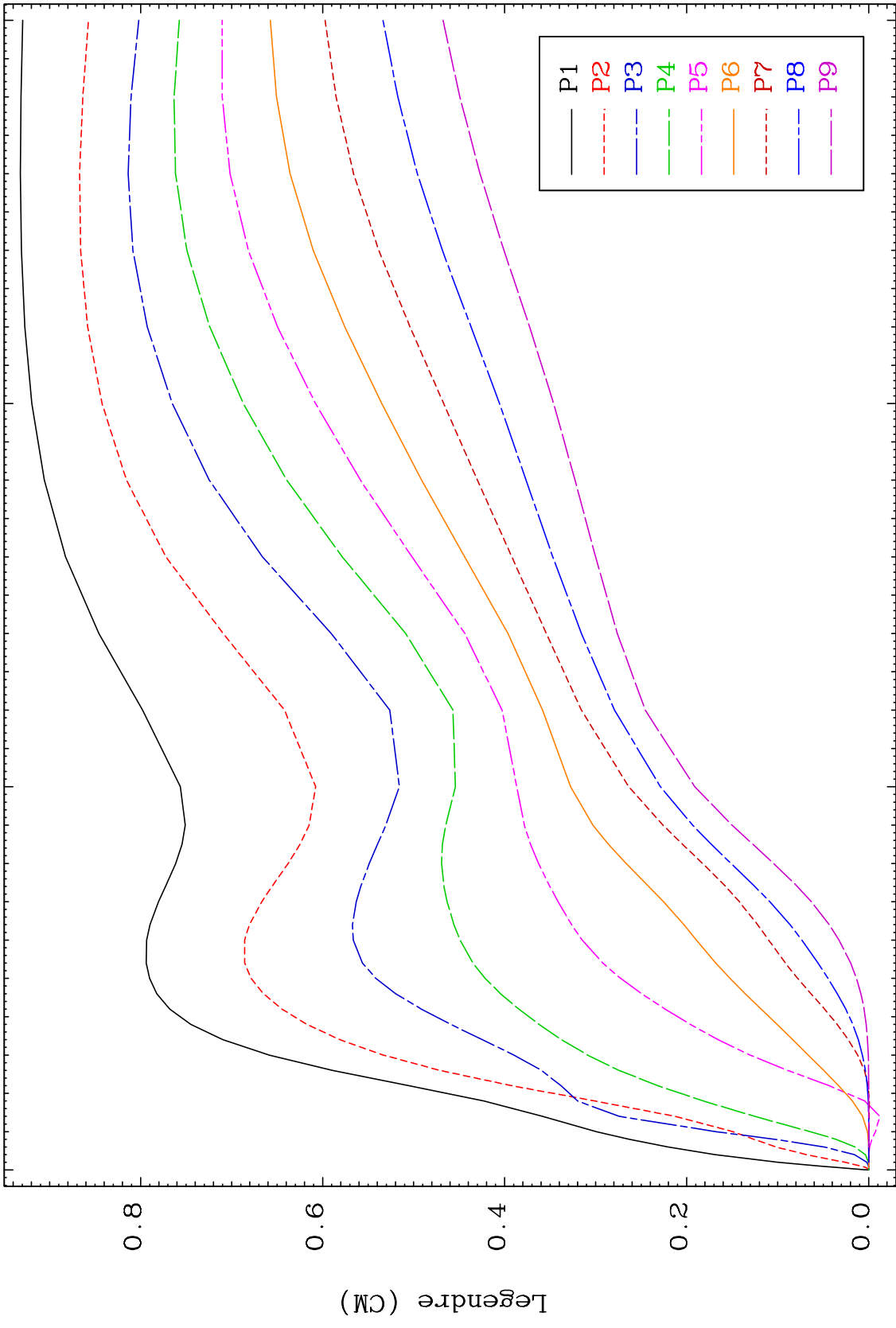




MAT 8404

84-Po-199

Elastic Legendre Coefficients



14

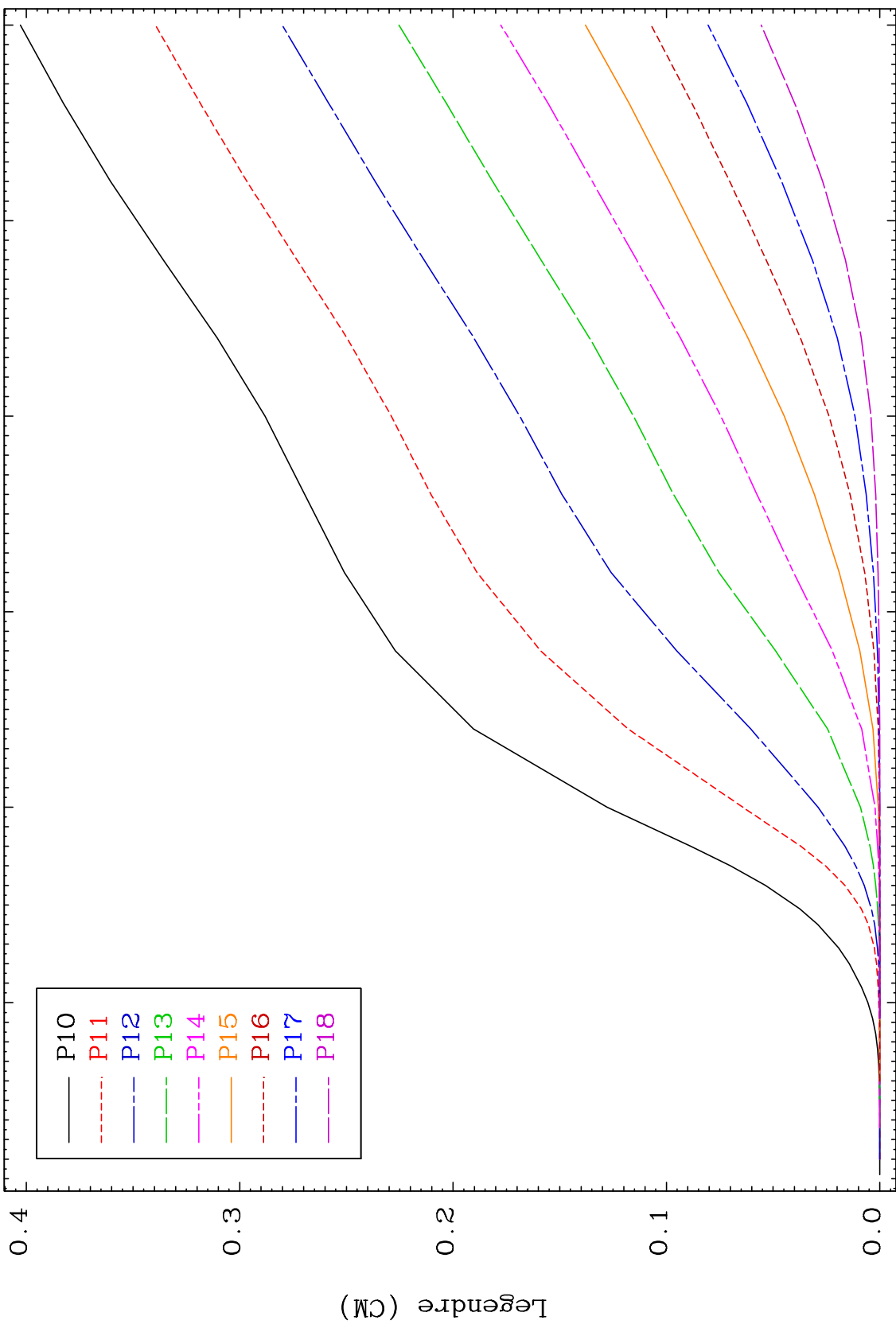
Incident Energy (MeV)

84-Po-199

MAT 8404

Elastic Legendre Coefficients

84-Po-199



15

Incident Energy (MeV)

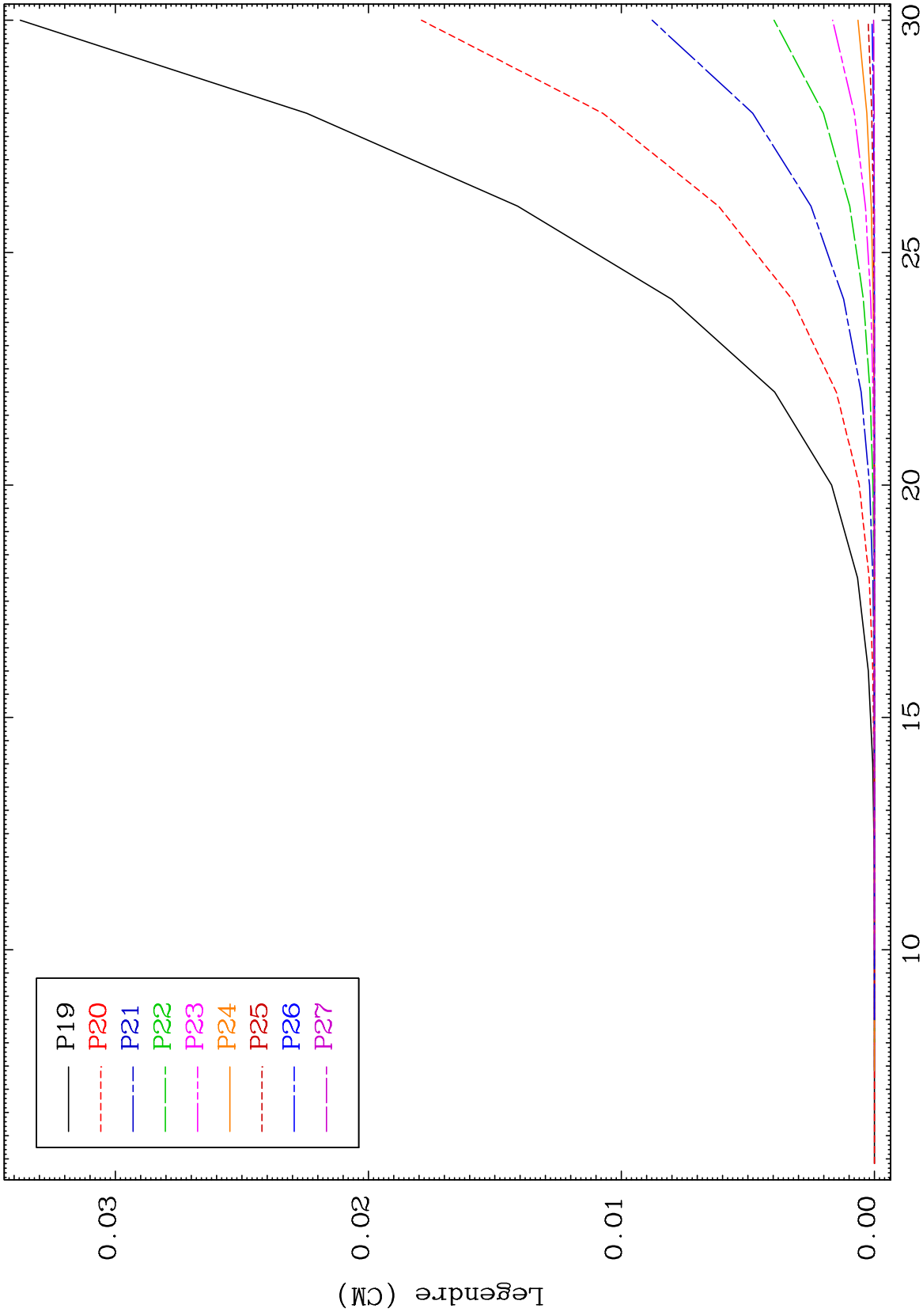
84-Po-199



MAT 8404

### Elastic Legendre Coefficients

84-Po-199



16

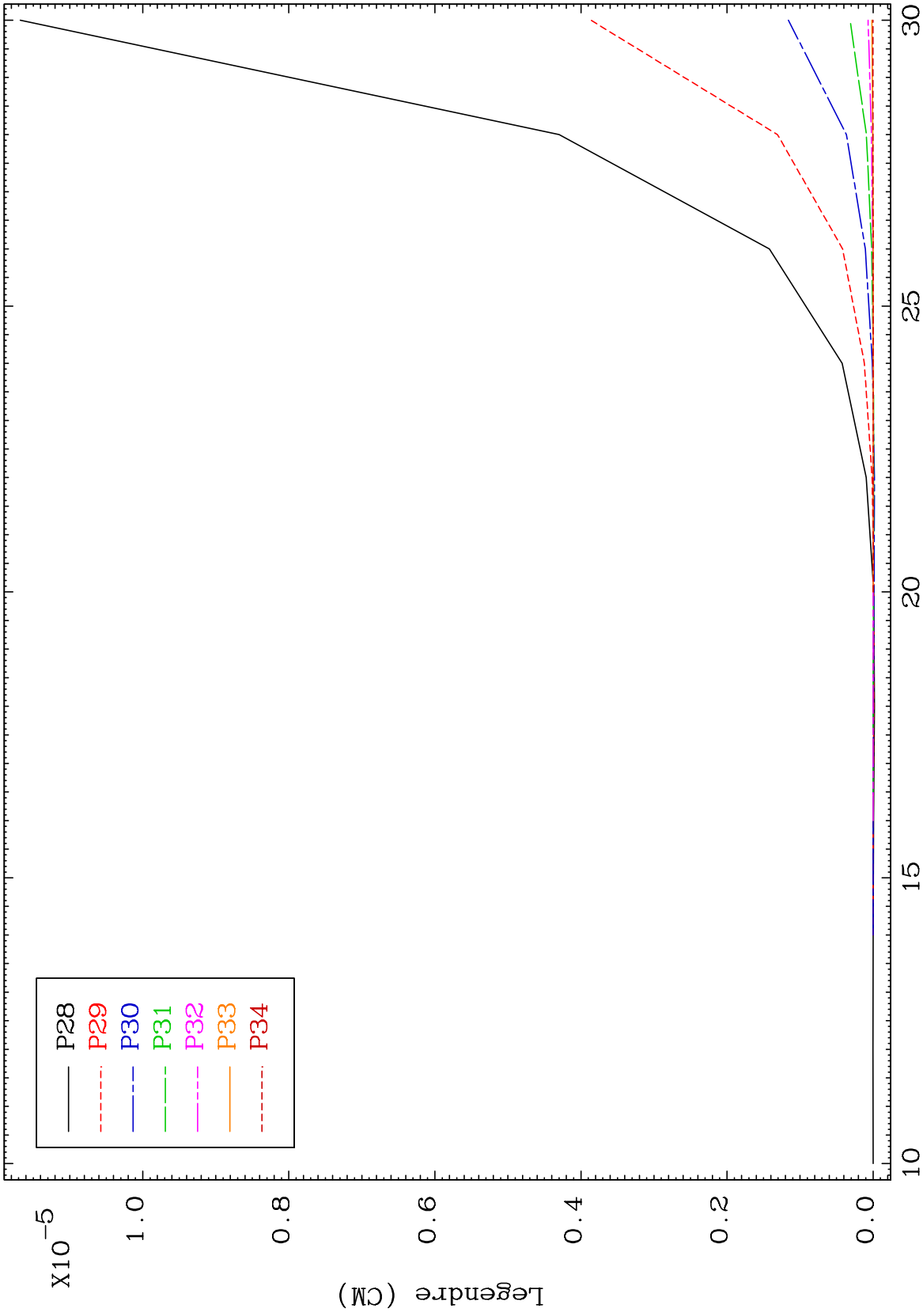
Incident Energy (MeV)

84-Po-199

MAT 8404

Elastic Legendre Coefficients

84-Po-199



17

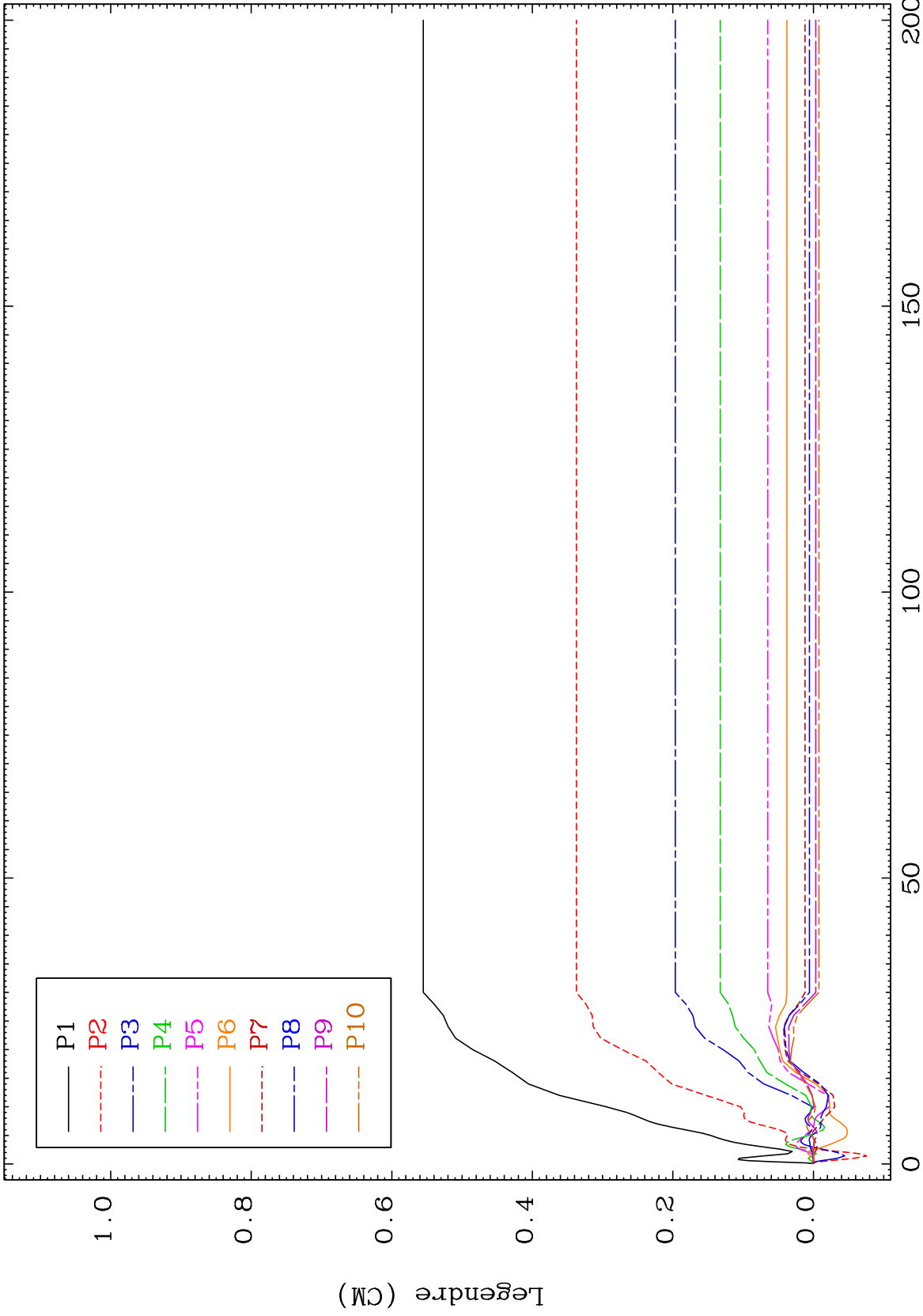
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



18

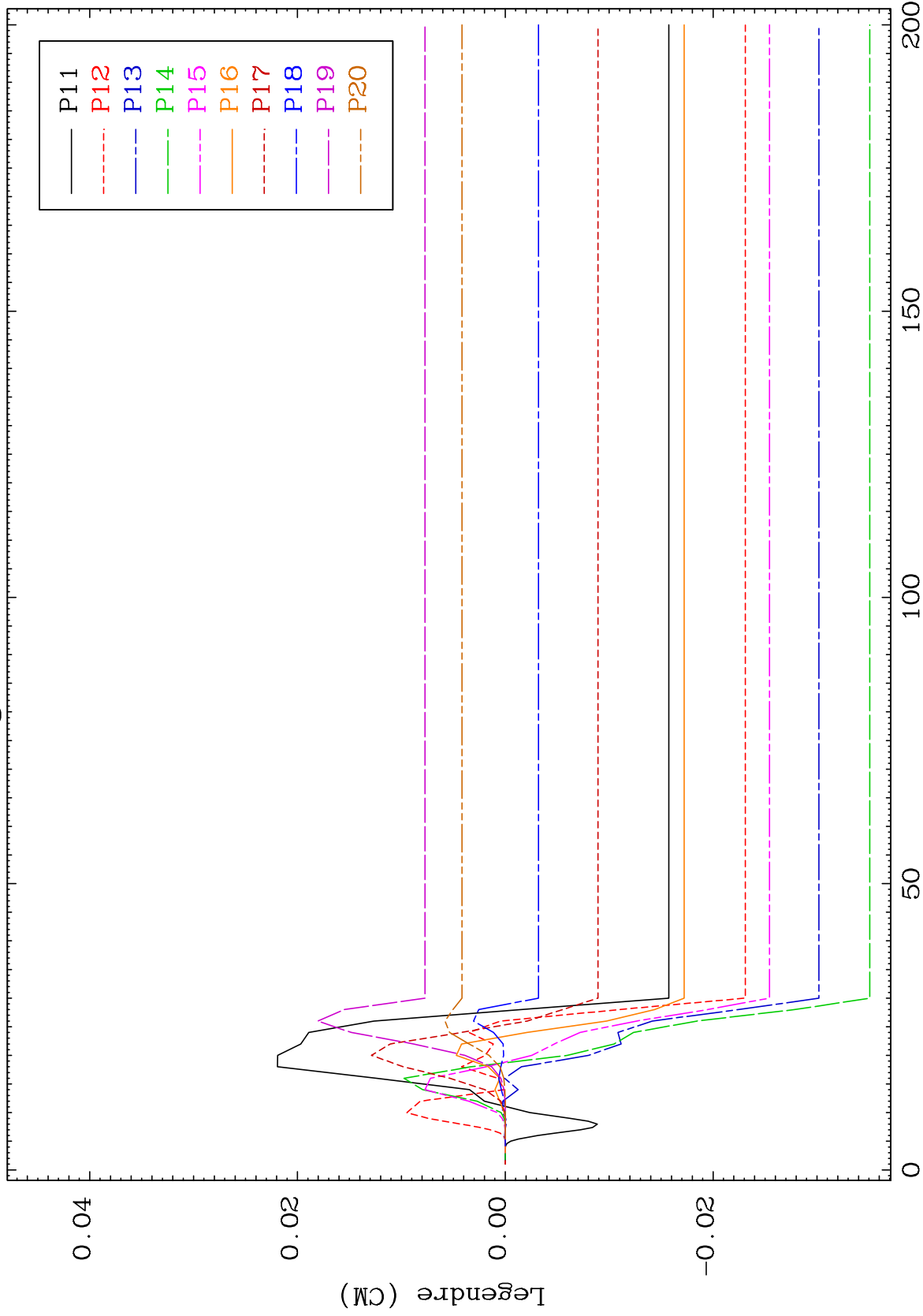
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



19

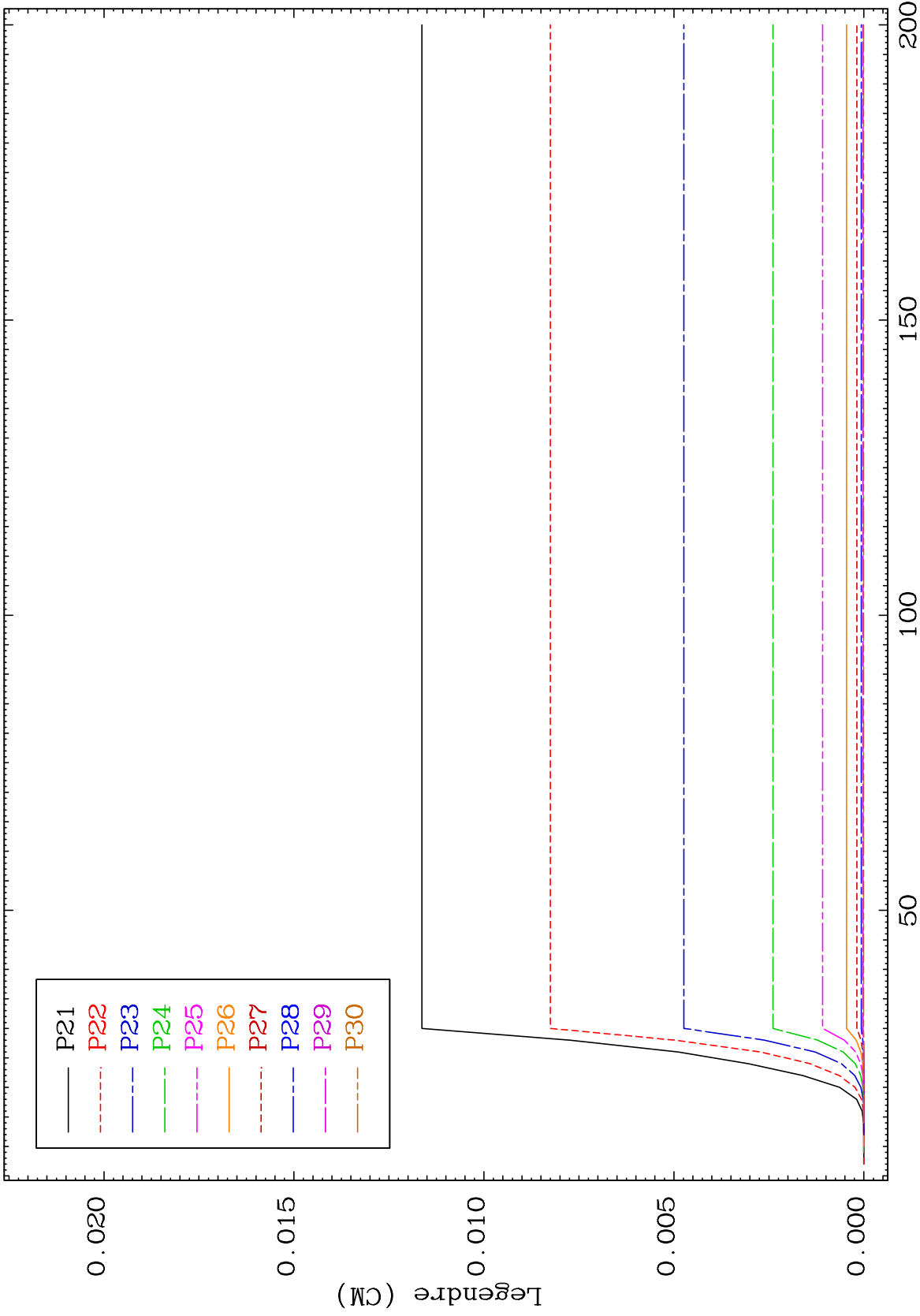
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



20

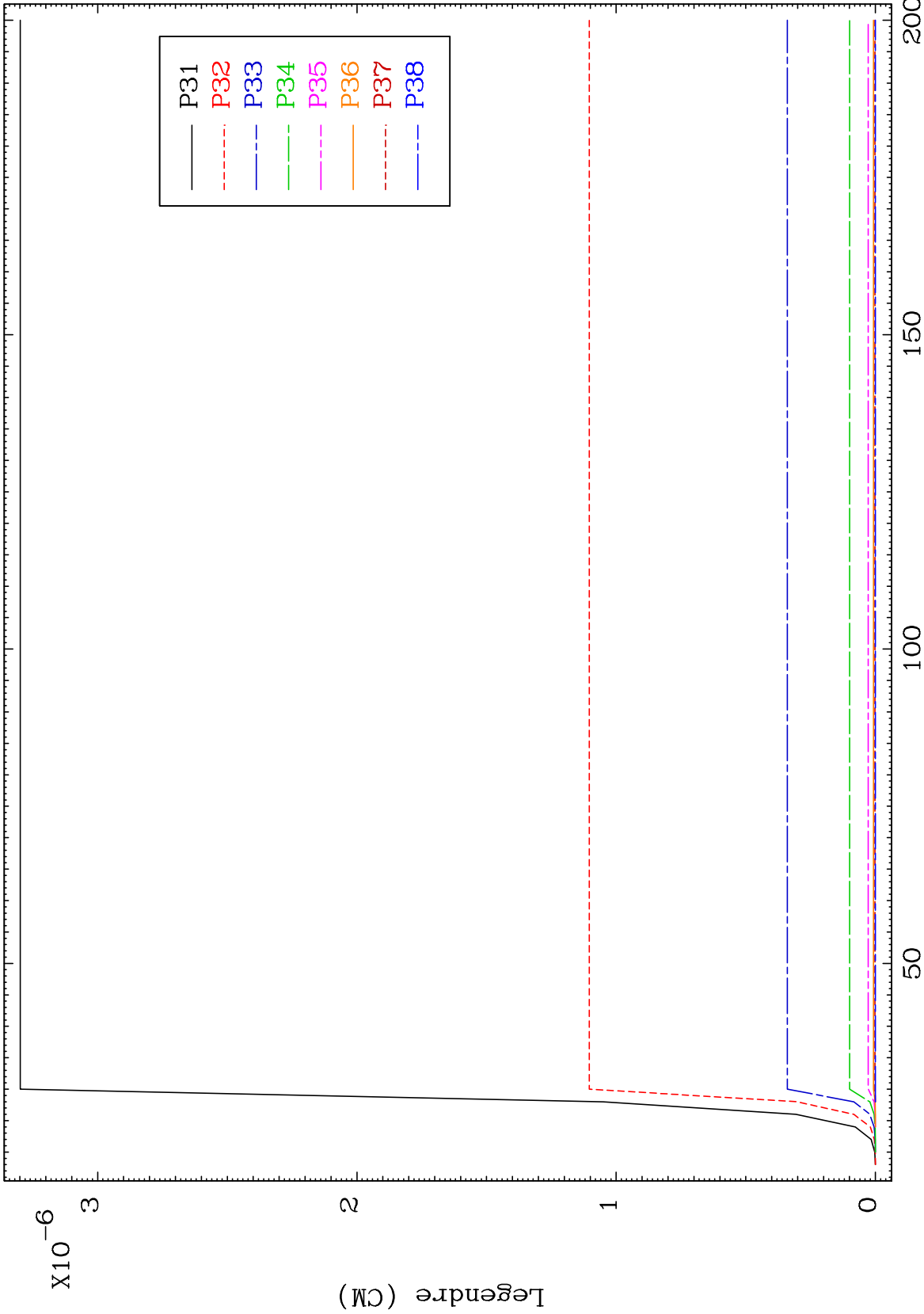
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



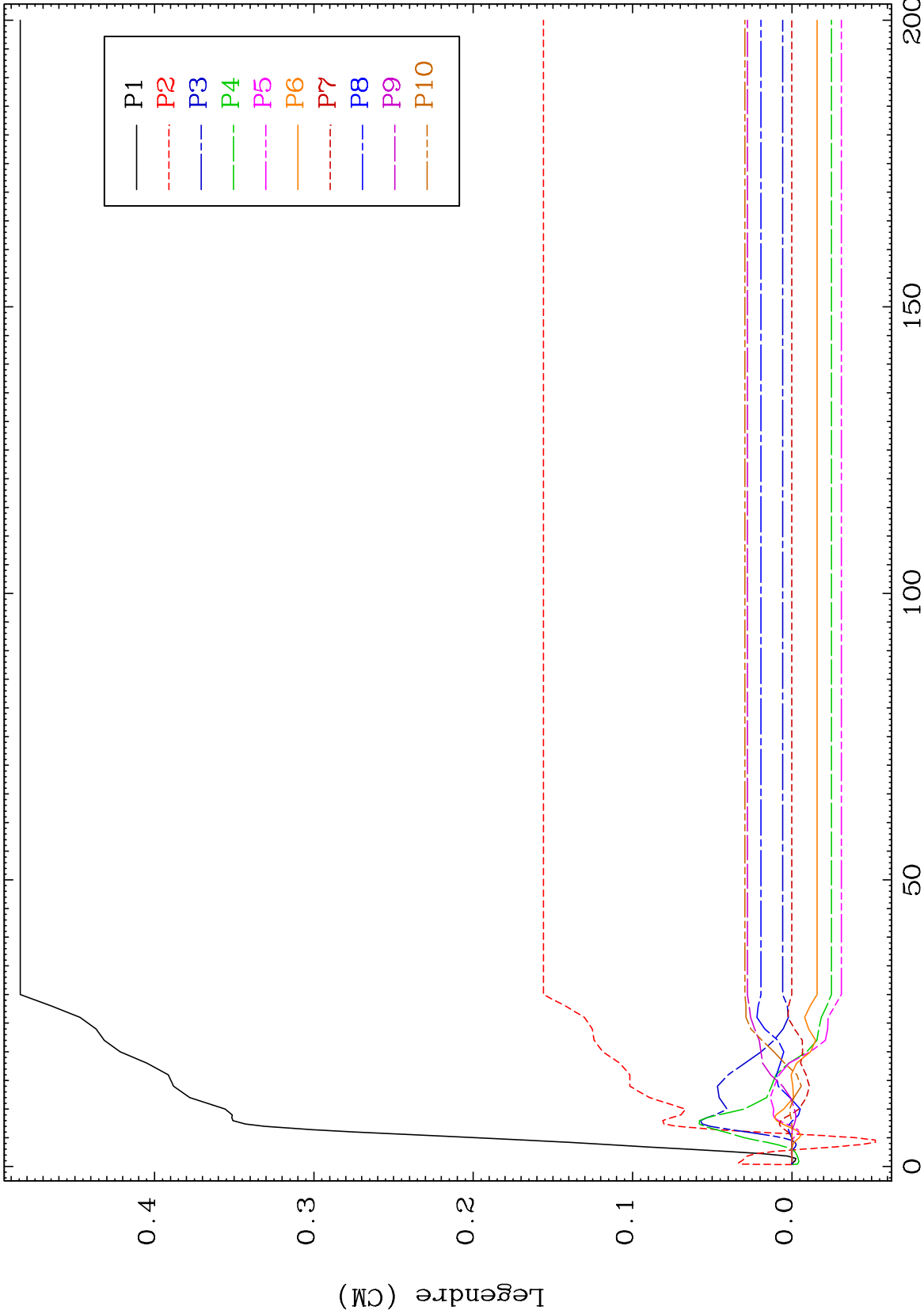
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84-Po-199

MAT 8404

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

84-Po-199



22

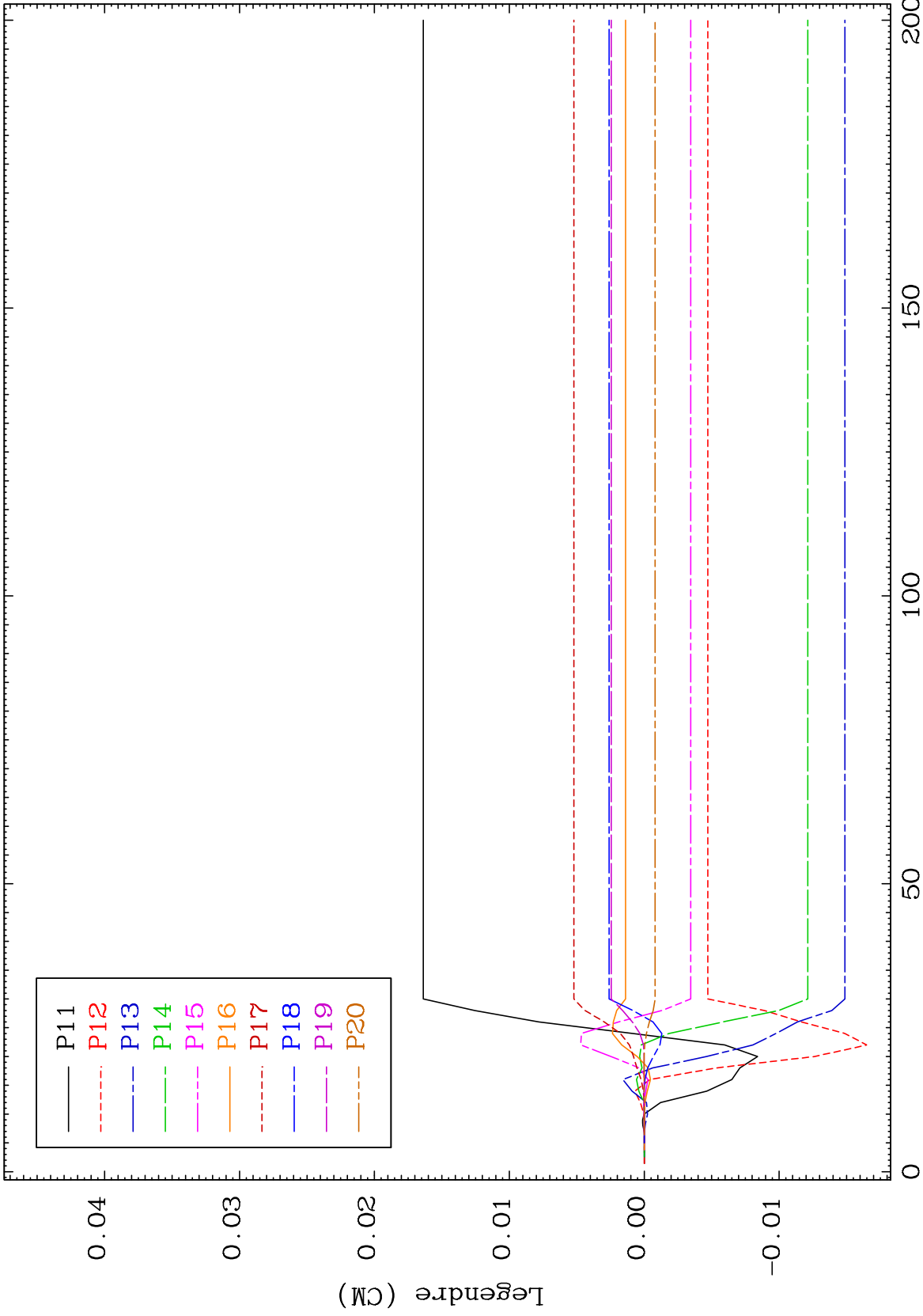
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



23

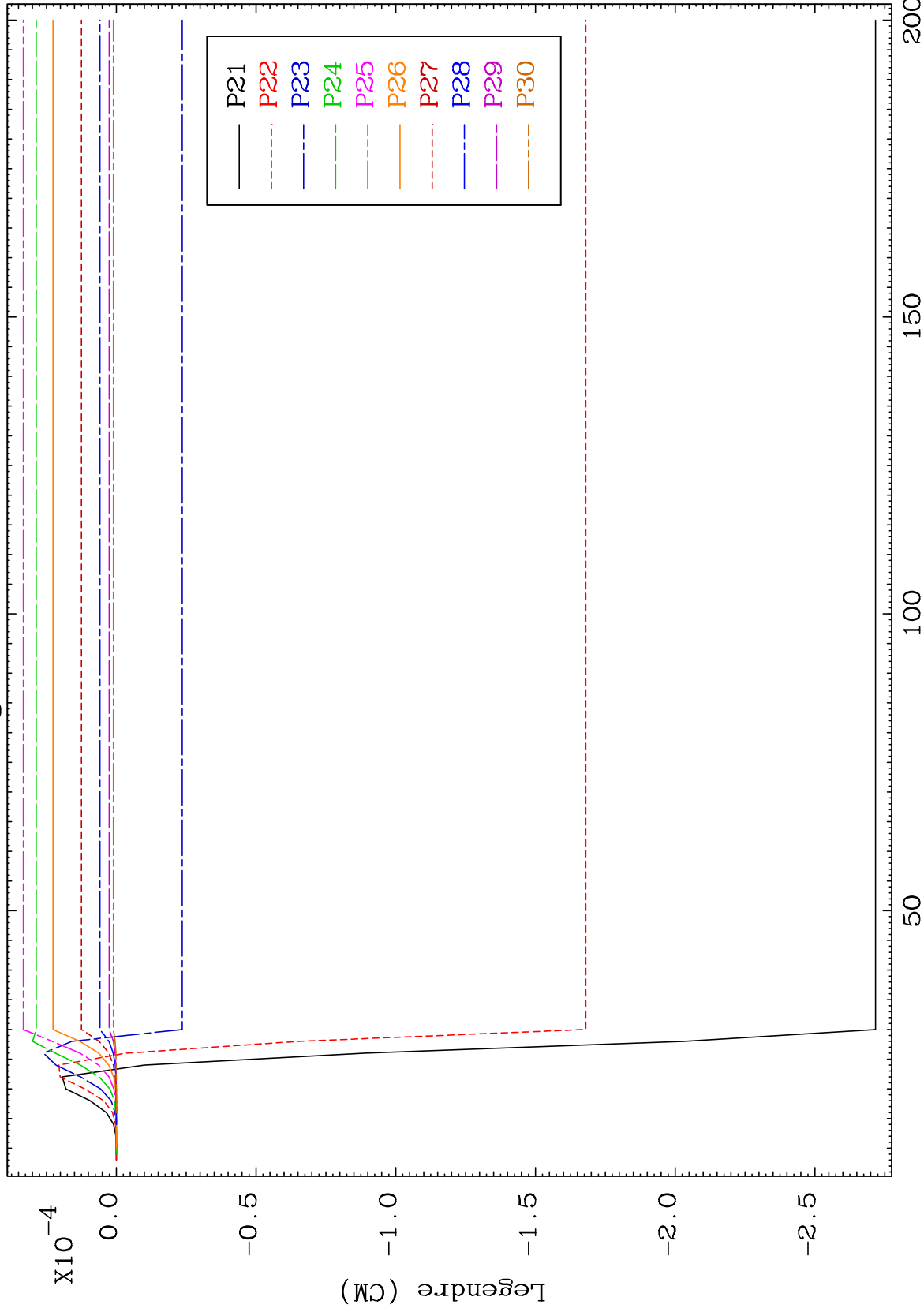
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MAT 8404

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

84-Po-199



24

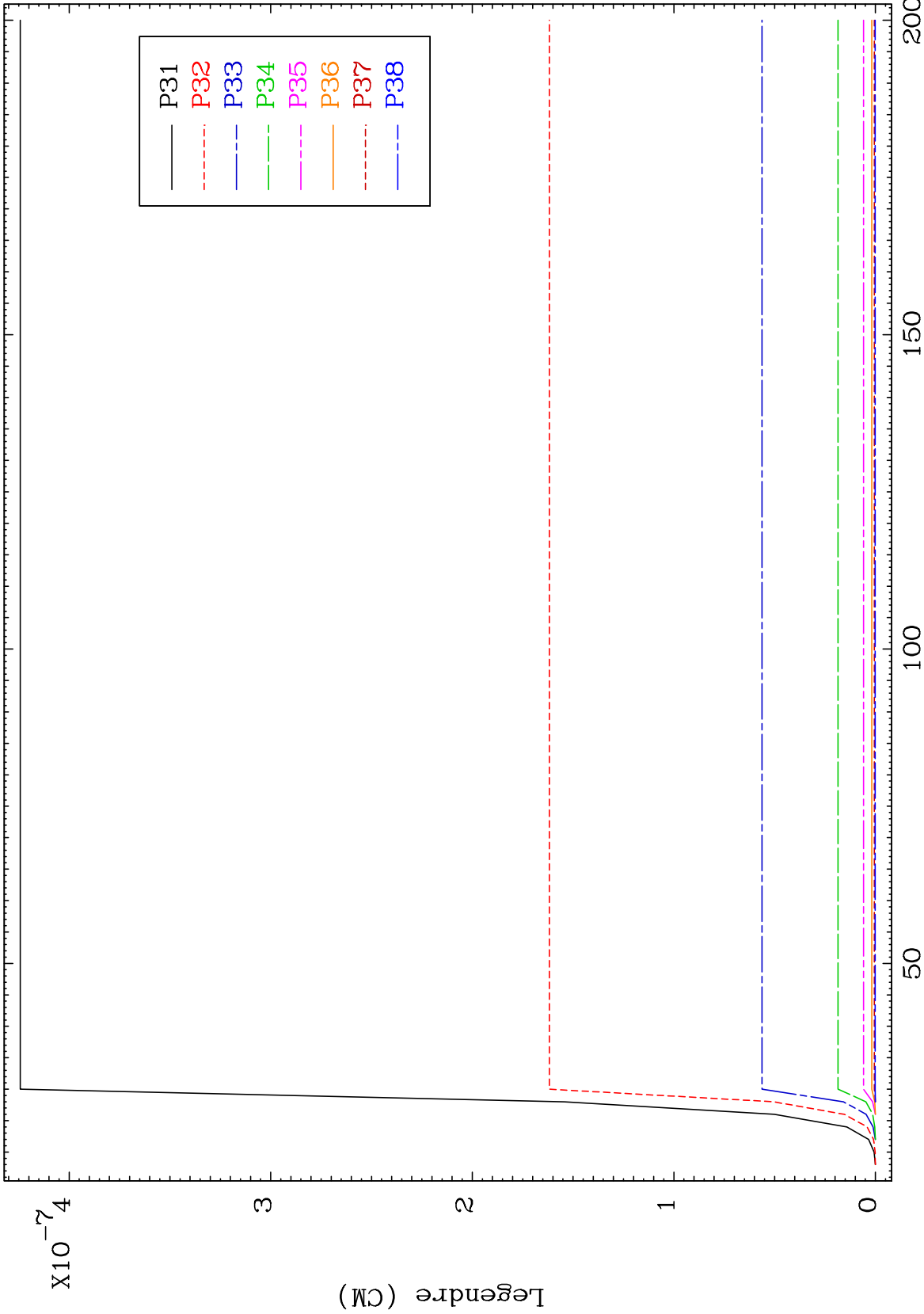
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



25

50

100

150

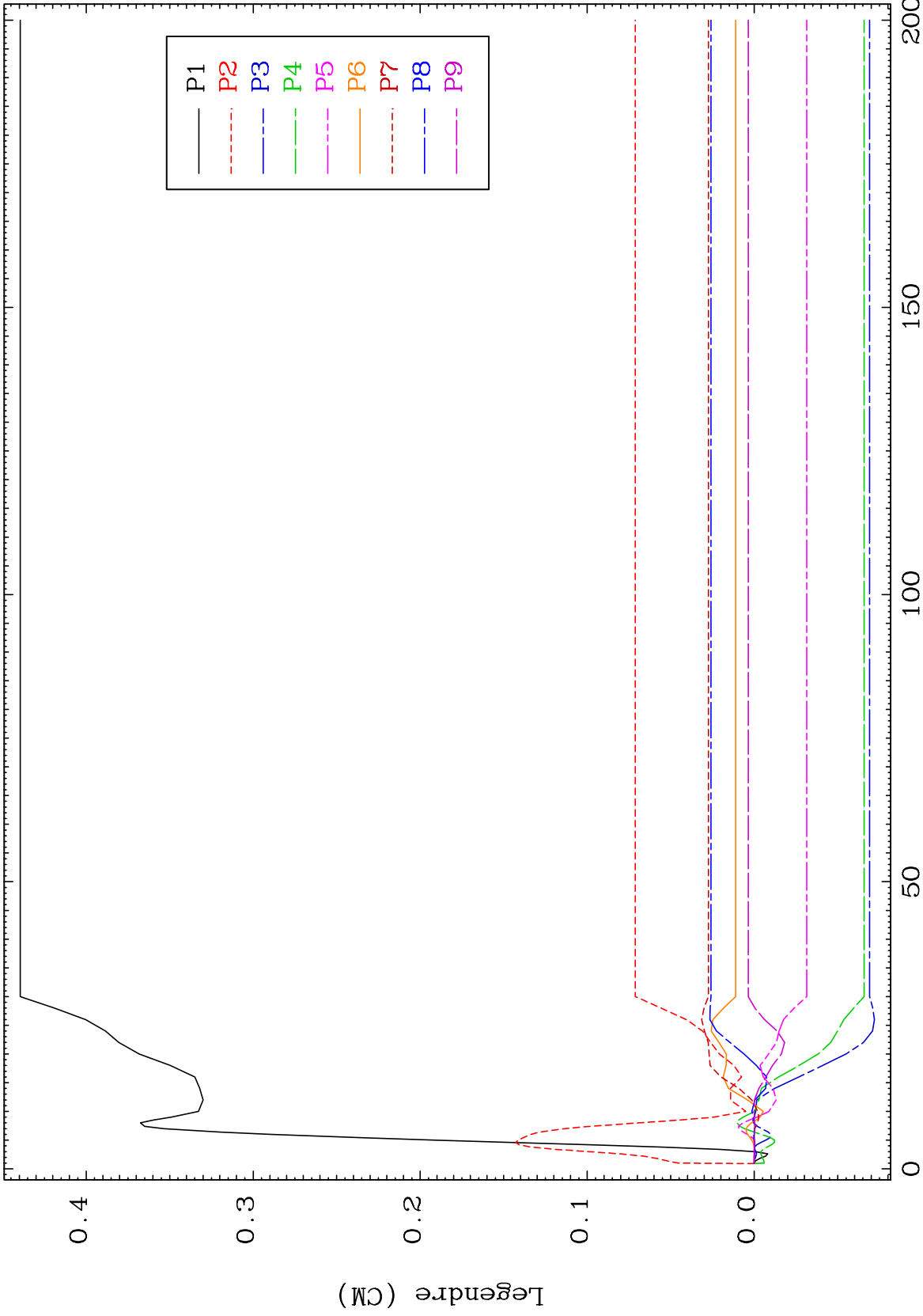
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84-Po-199

MAT 8404

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

84-Po-199



26

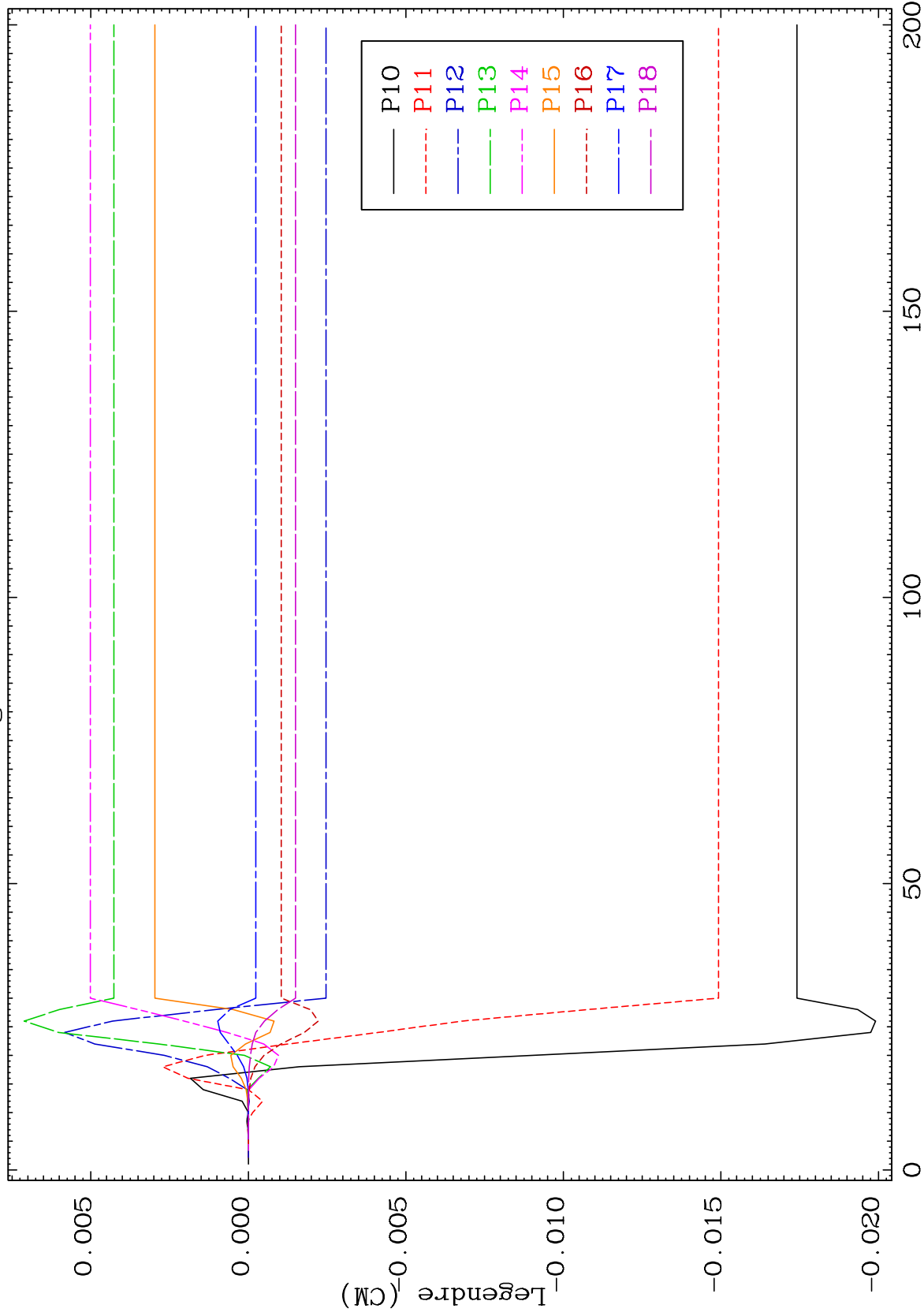
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



27

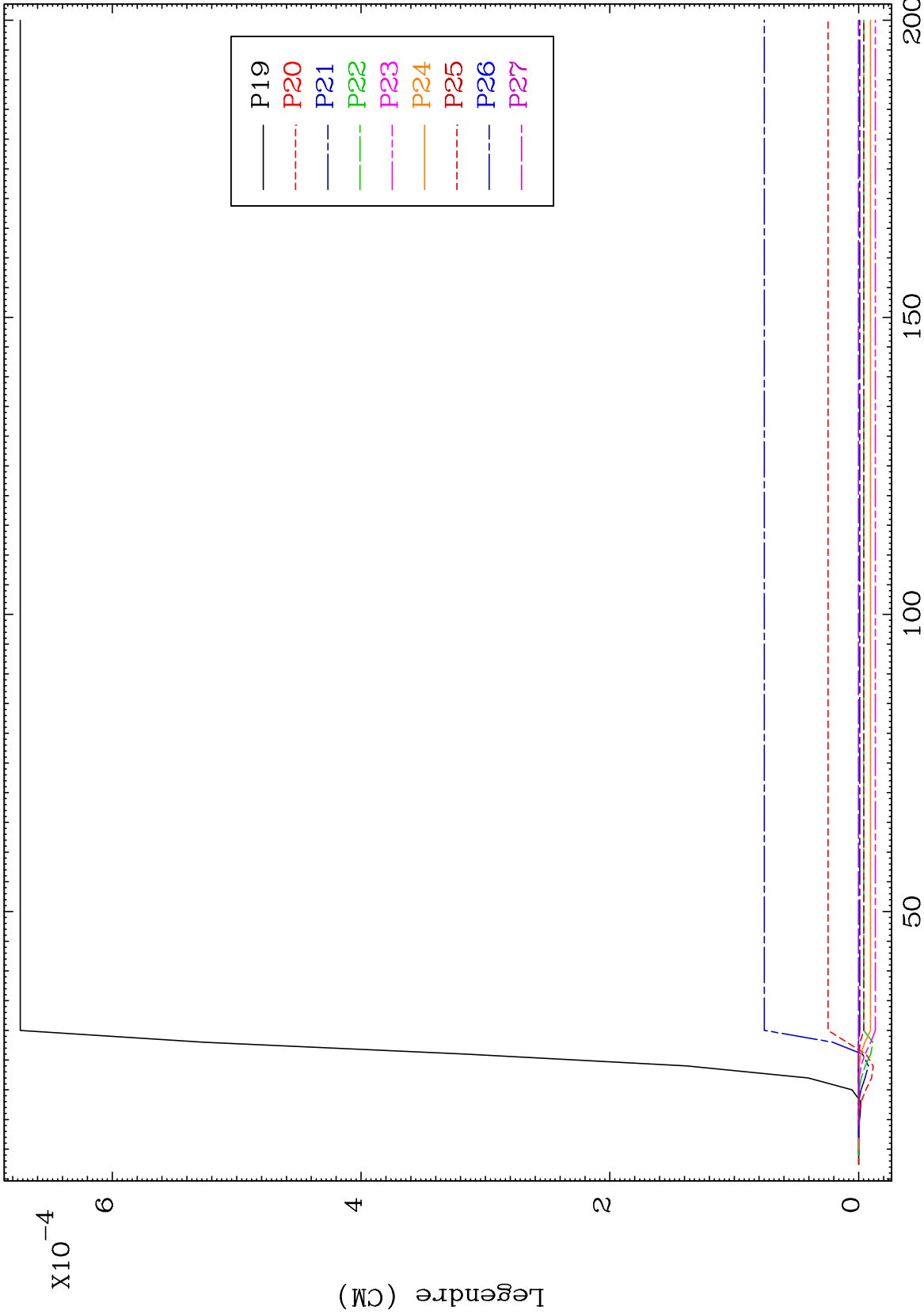
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



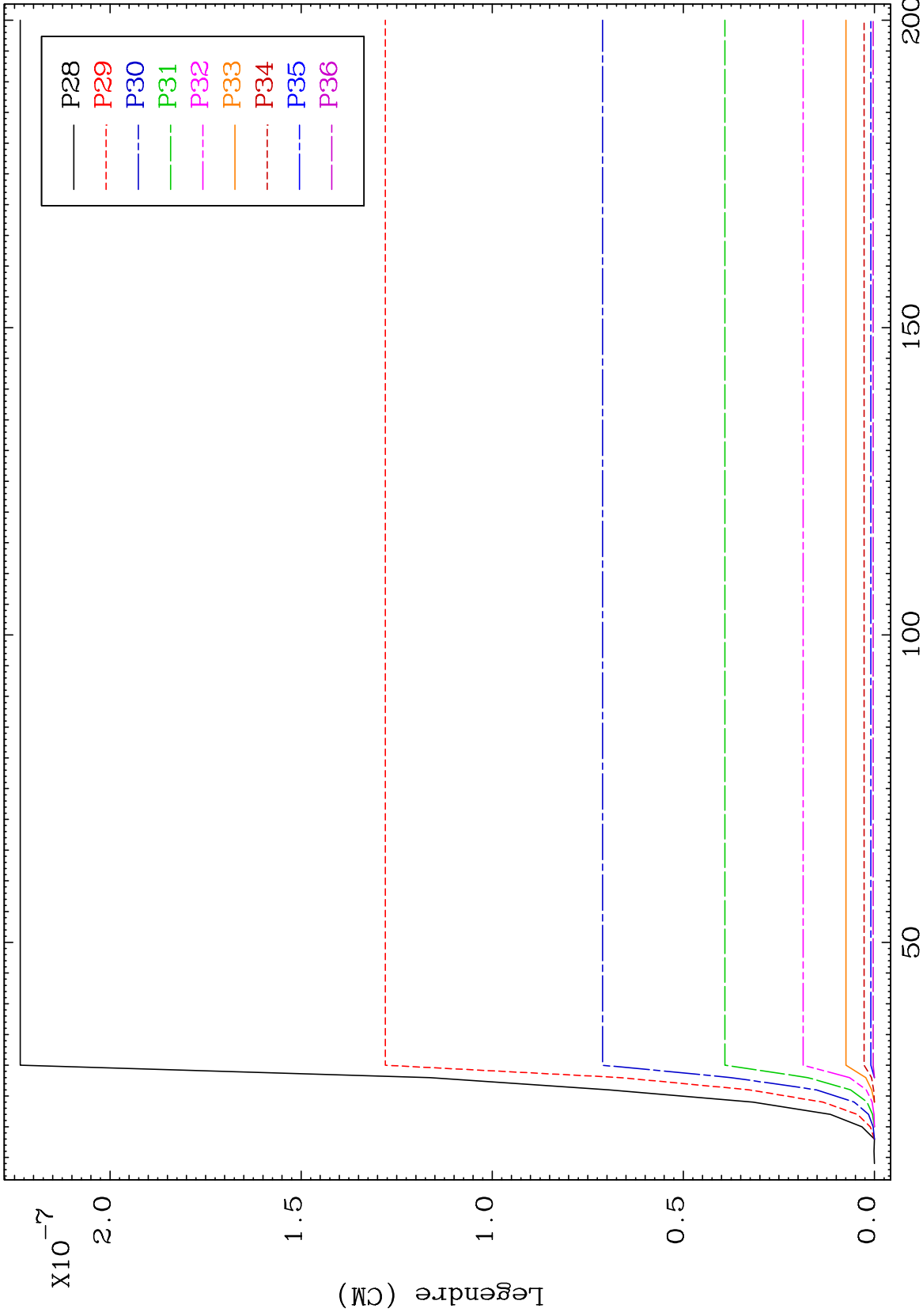
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84-Po-199

MAT 8404

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

84-Po-199



29

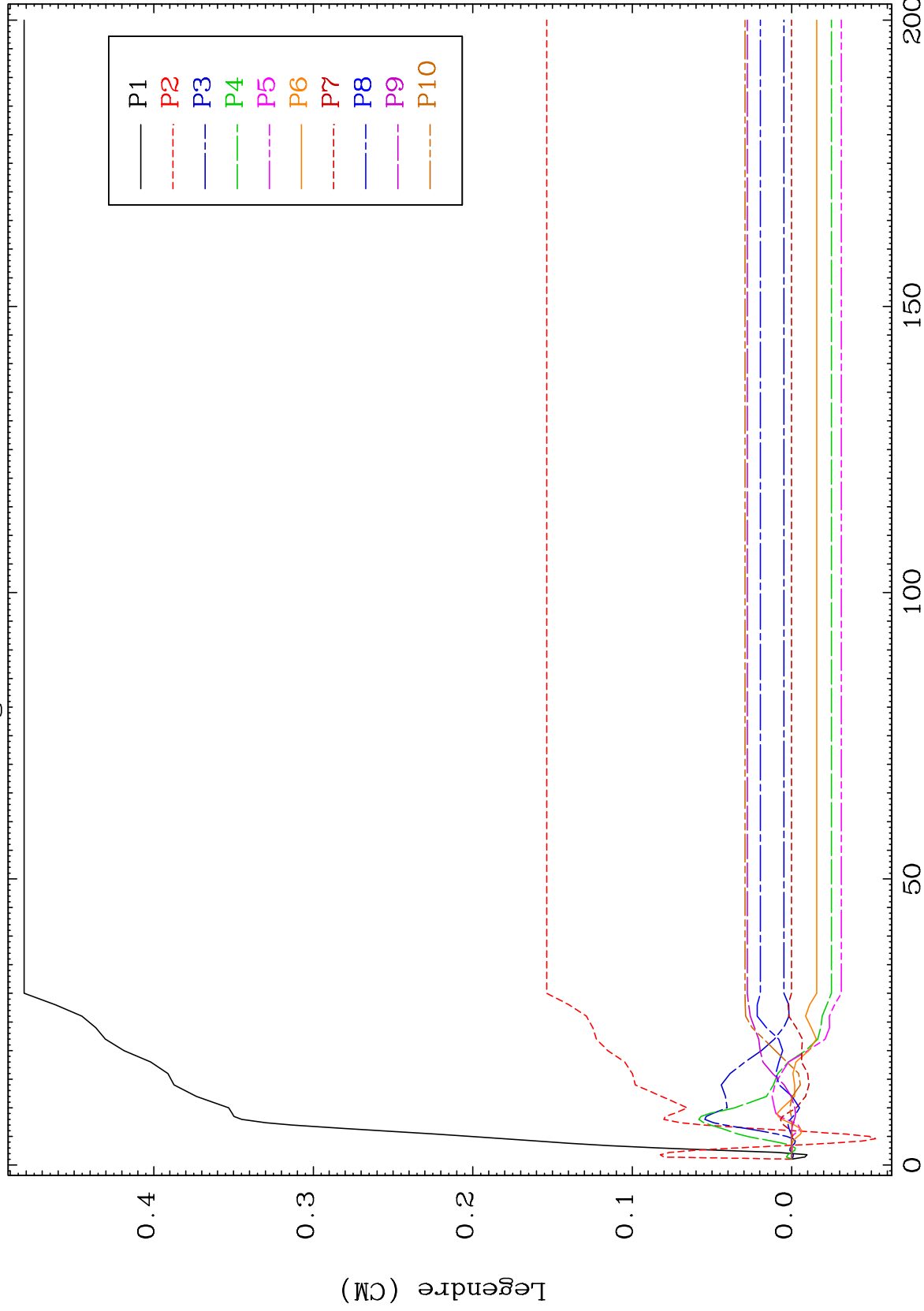
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



84-Po-199

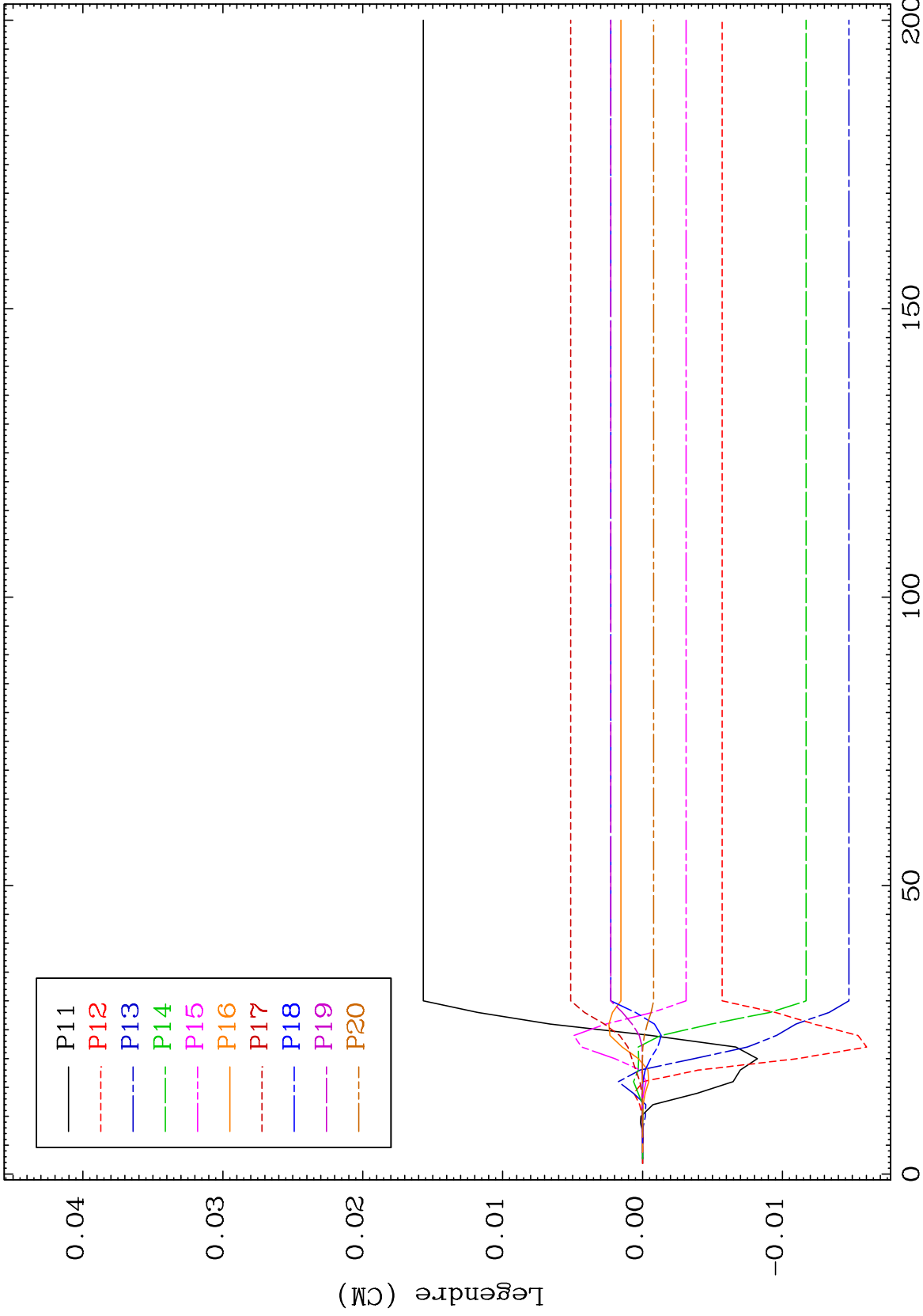
Incident Energy (MeV)

30

MAT 8404

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

84-Po-199



31

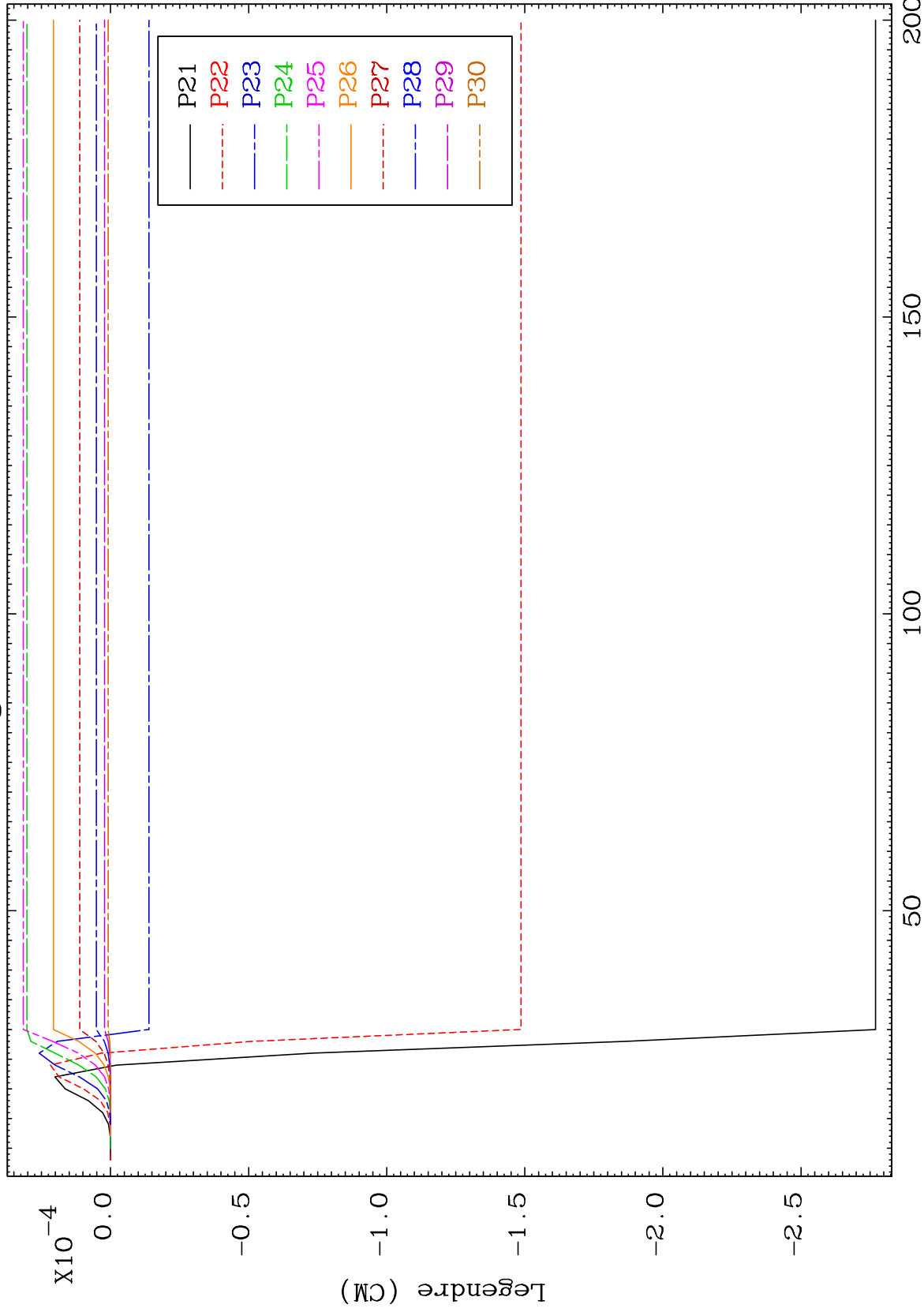
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MAT 8404

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

84-Po-199



32

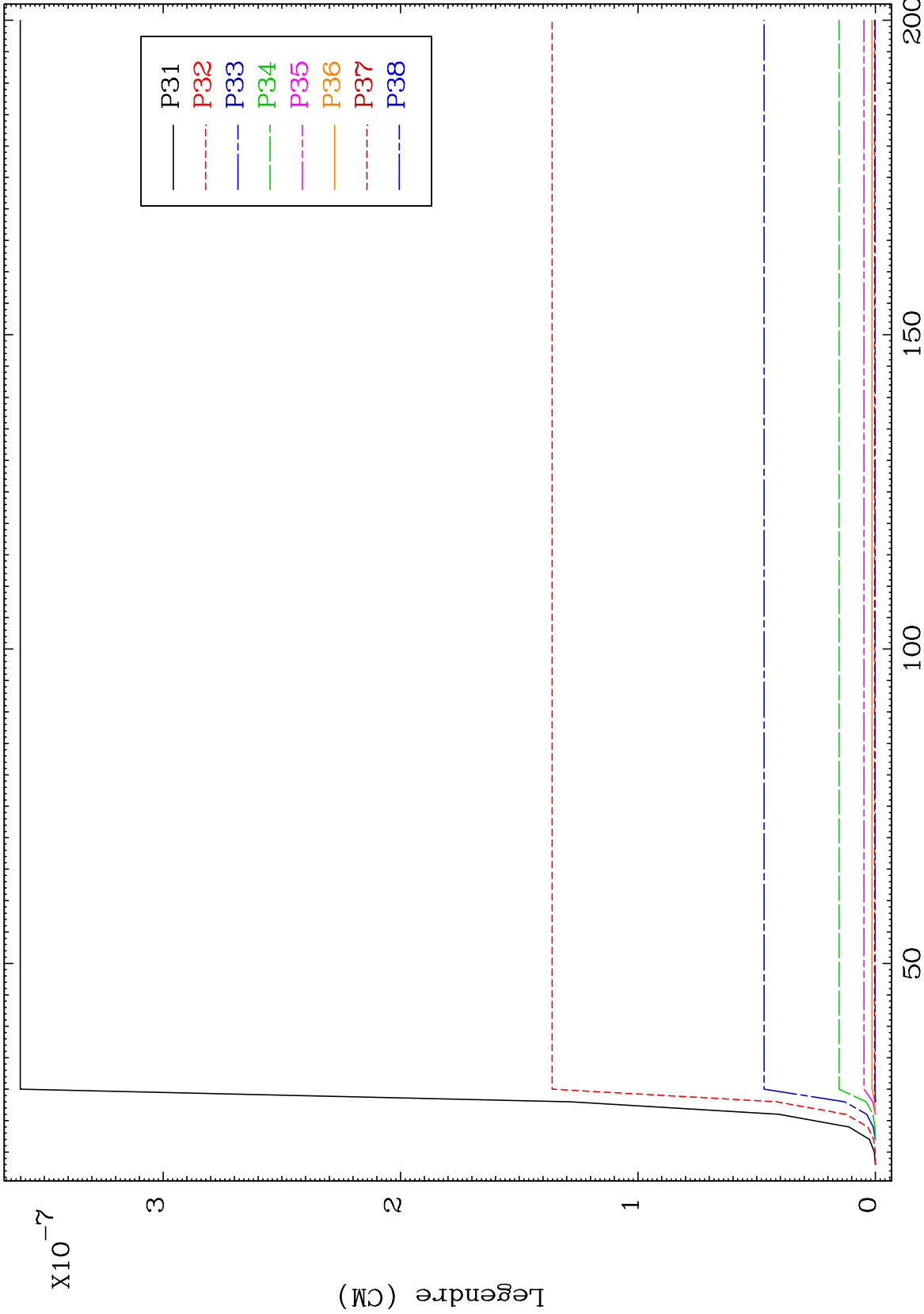
84-Po-199

84-Po-199

MAT 8404

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

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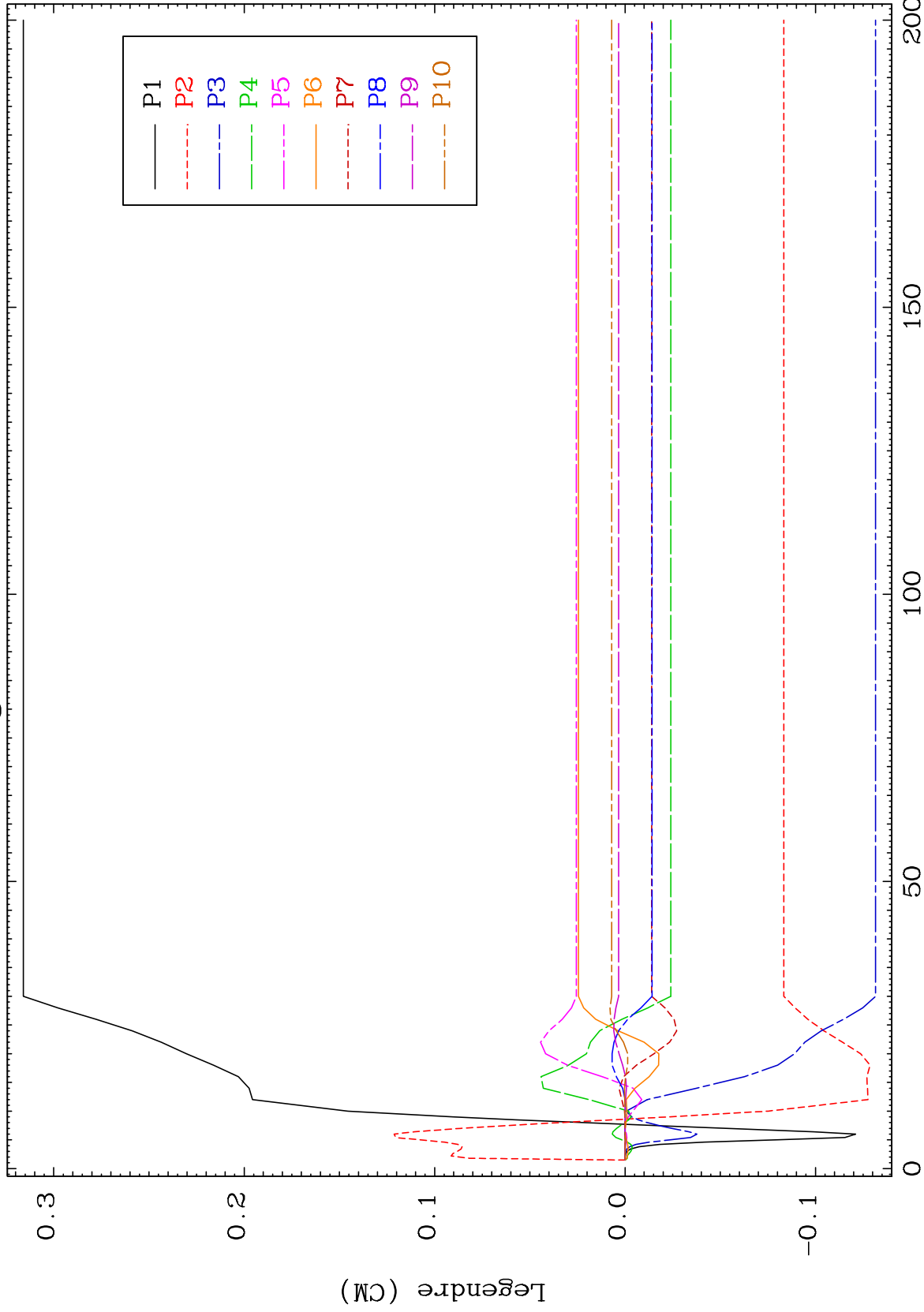
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84-Po-199

MAT 8404

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

84-Po-199



34

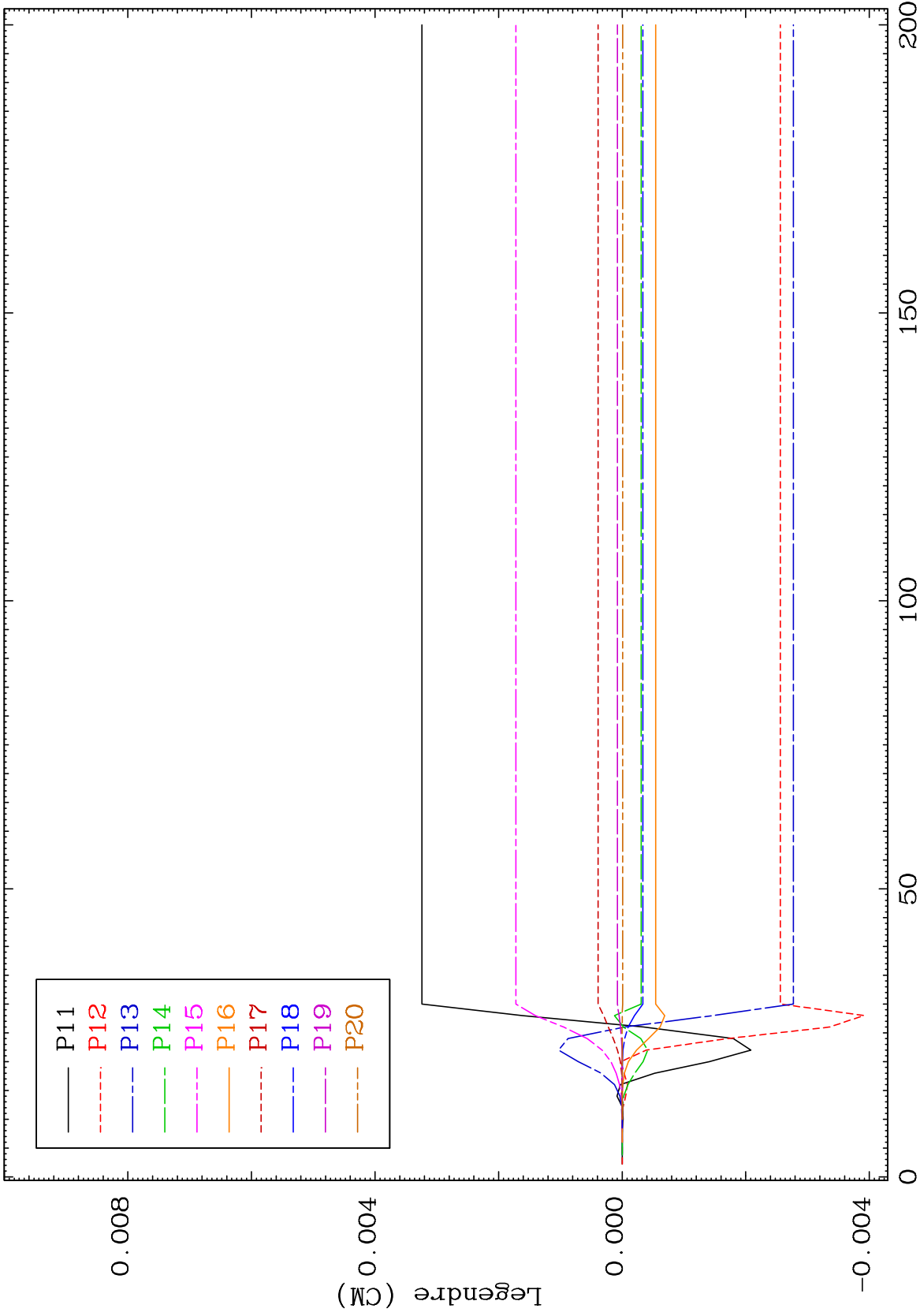
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



35

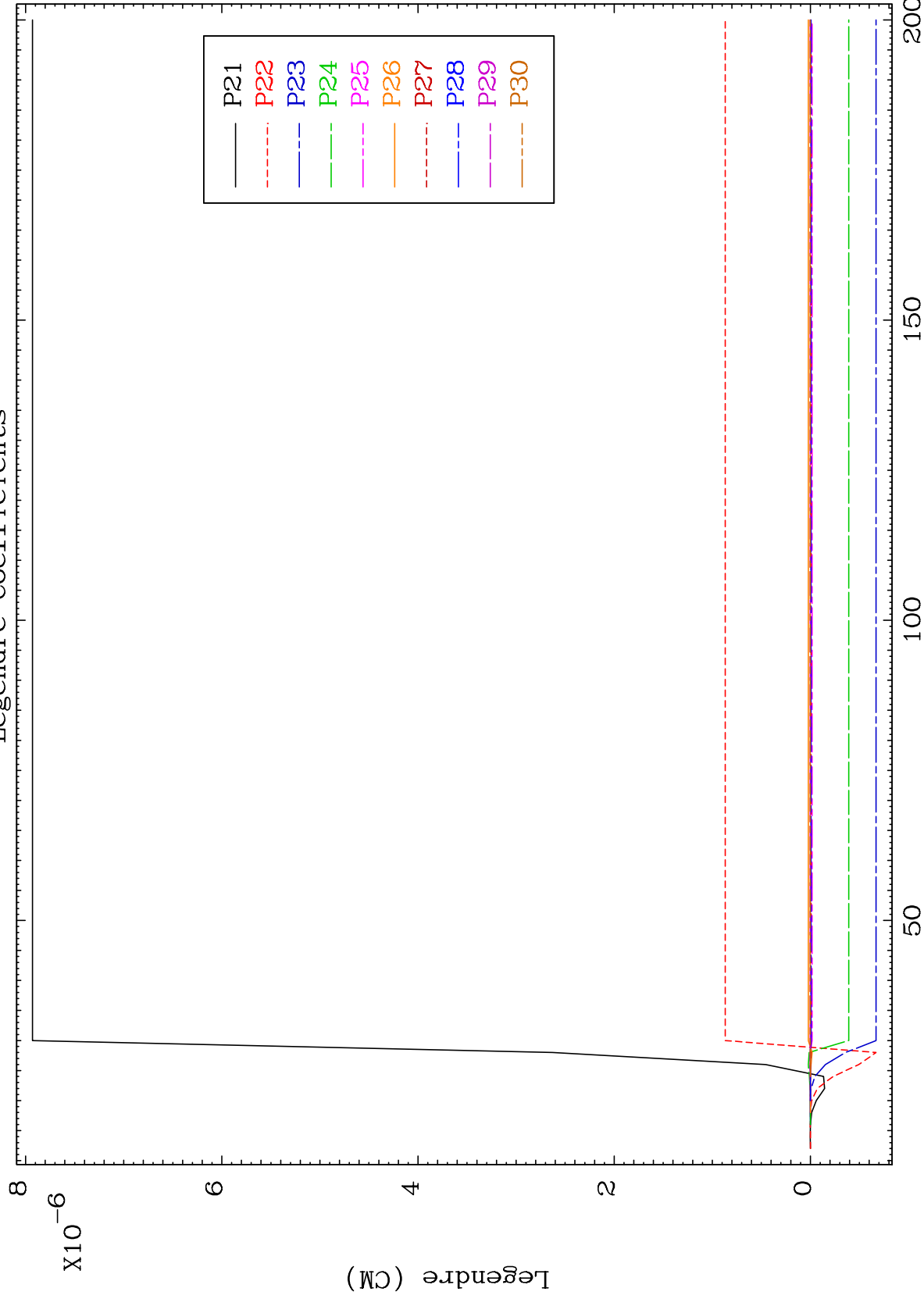
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



36

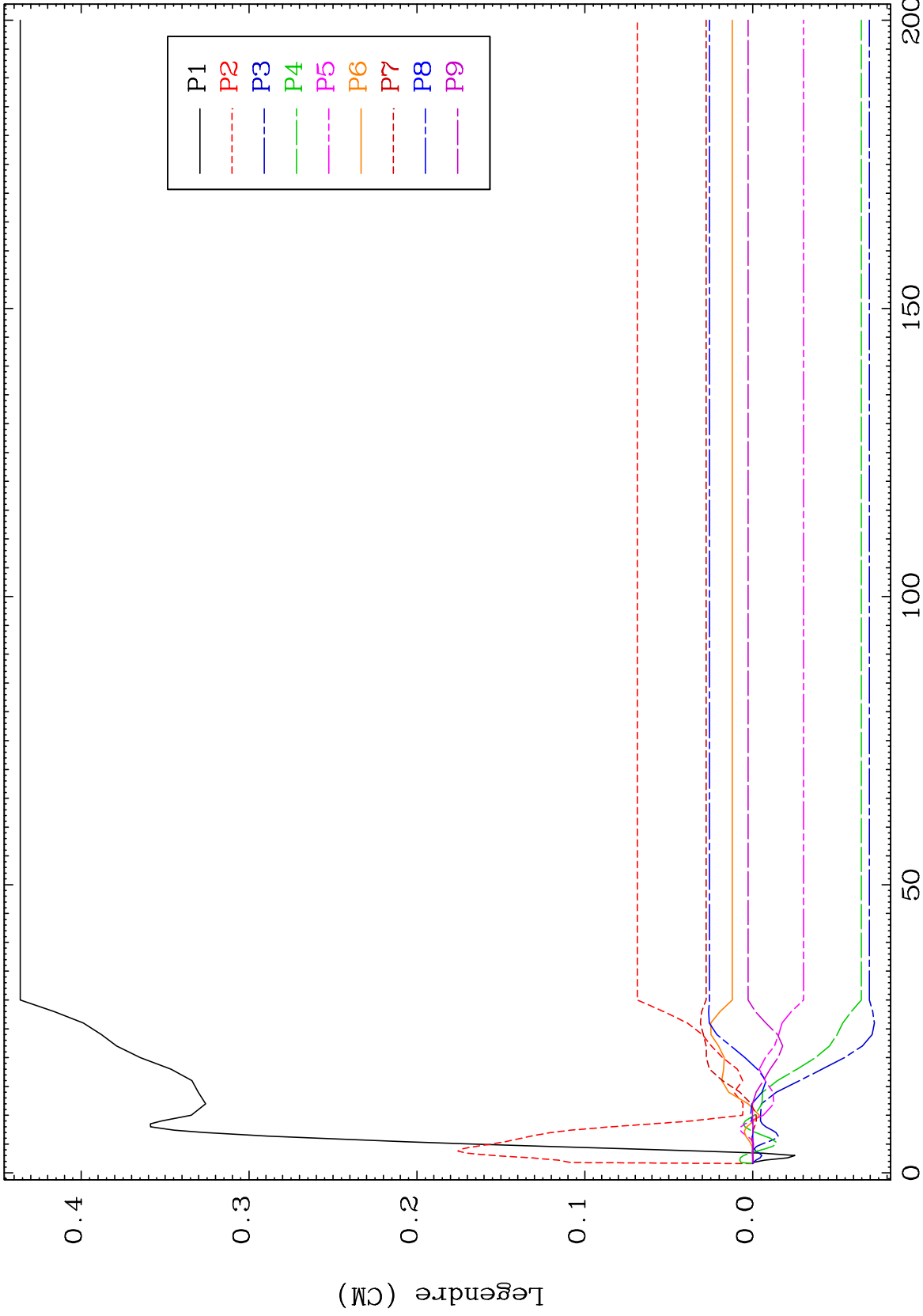
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



37

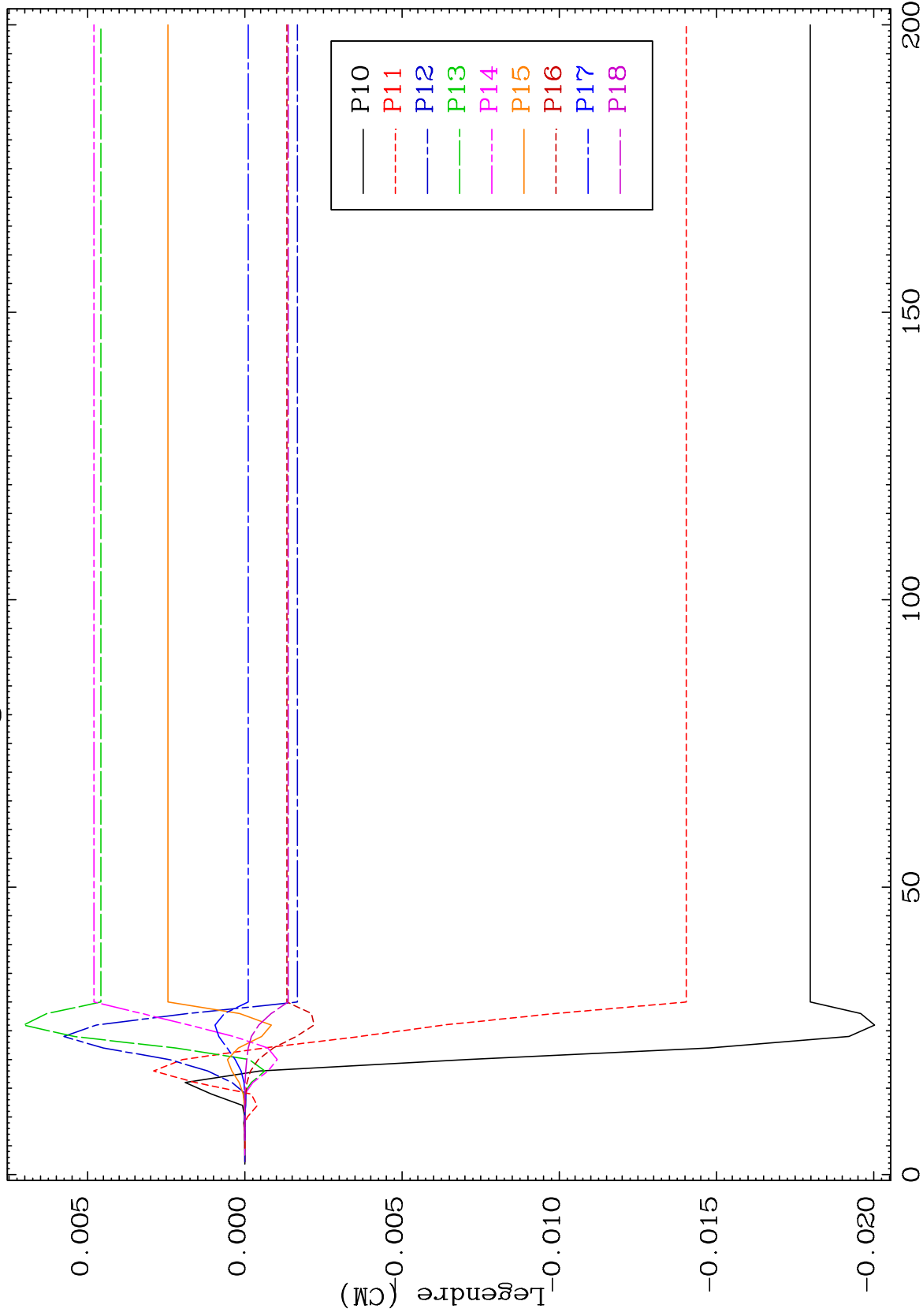
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



38

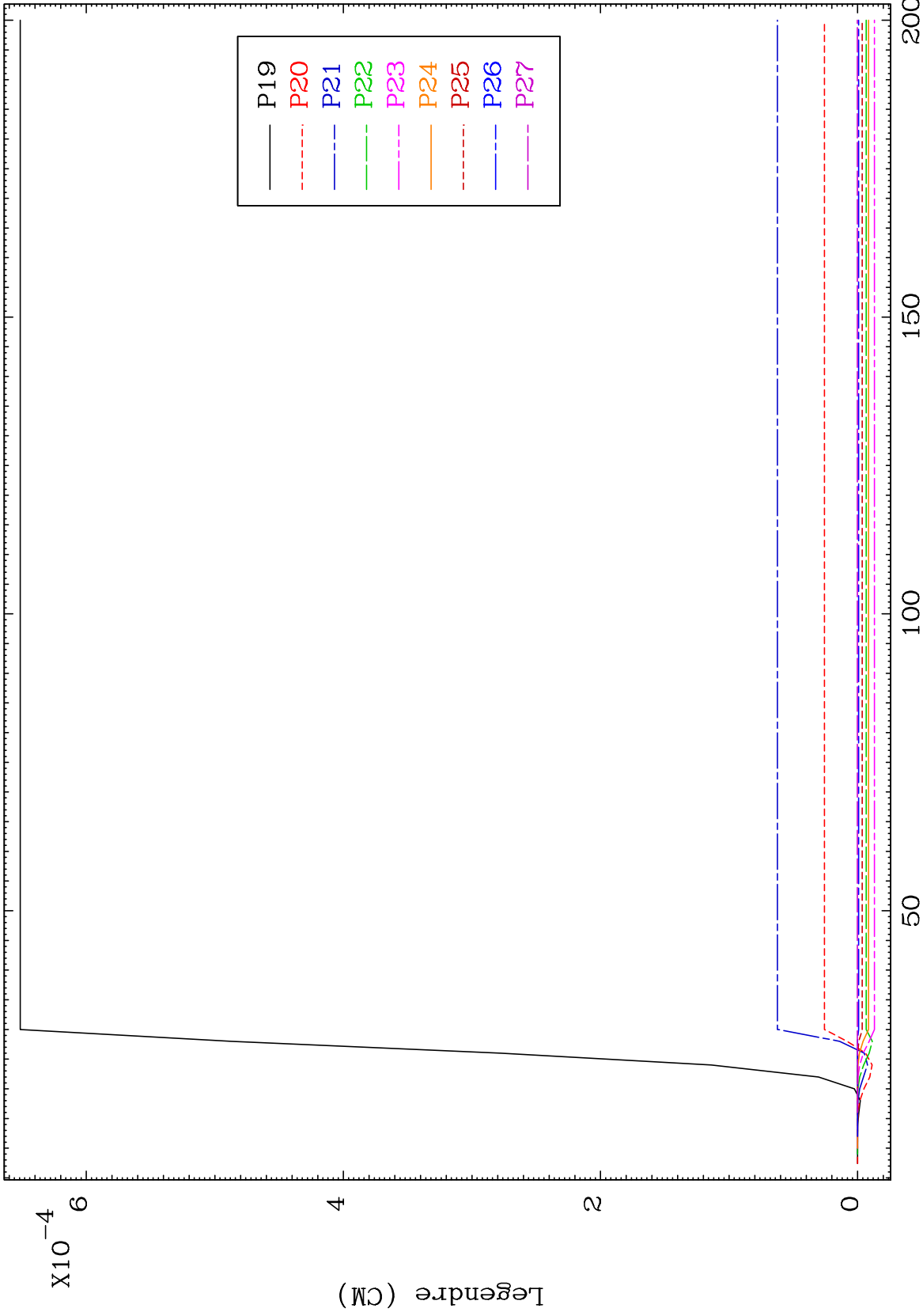
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



39

Incident Energy (MeV)

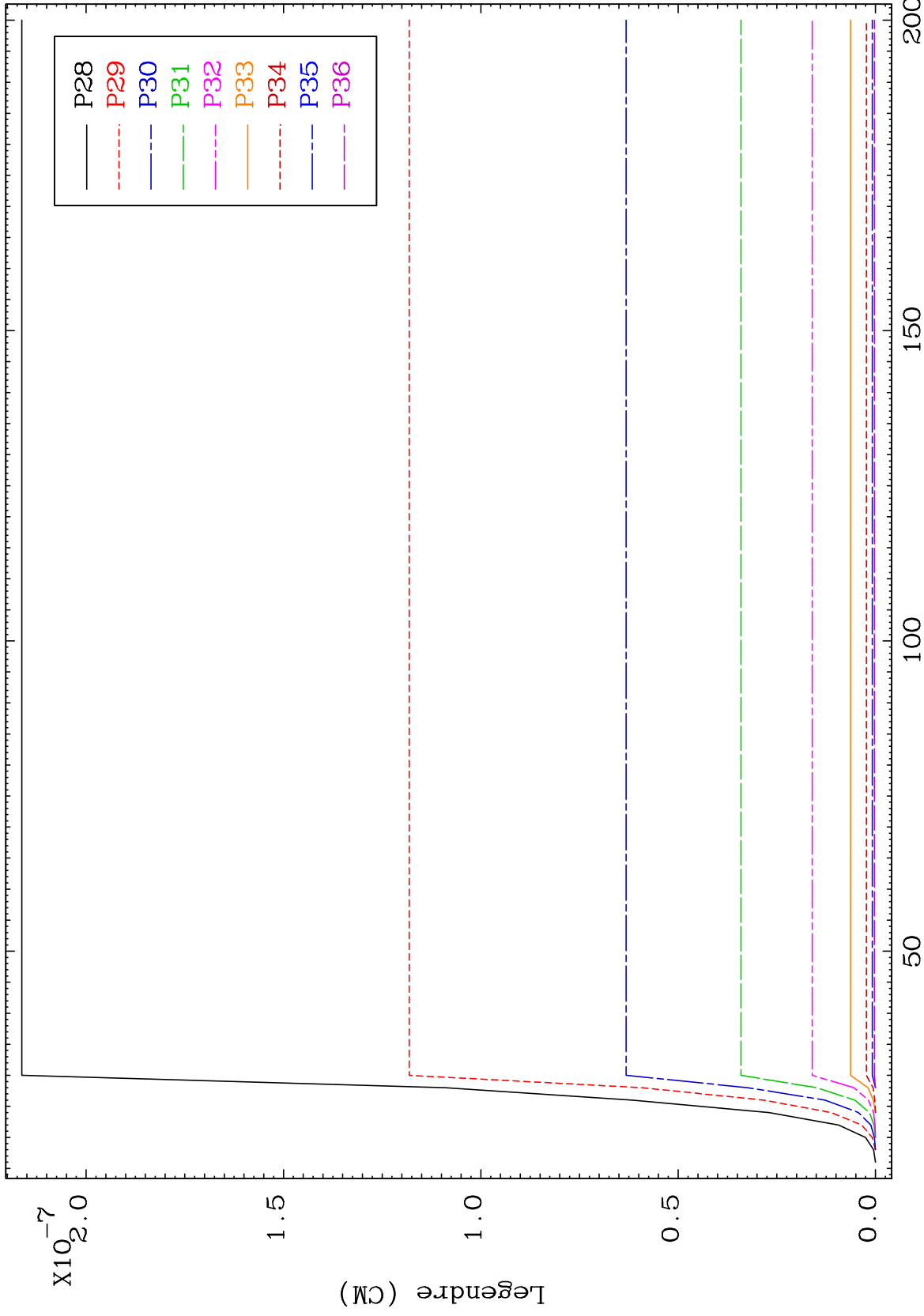
84-Po-199



MAT 8404

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

84-Po-199



40

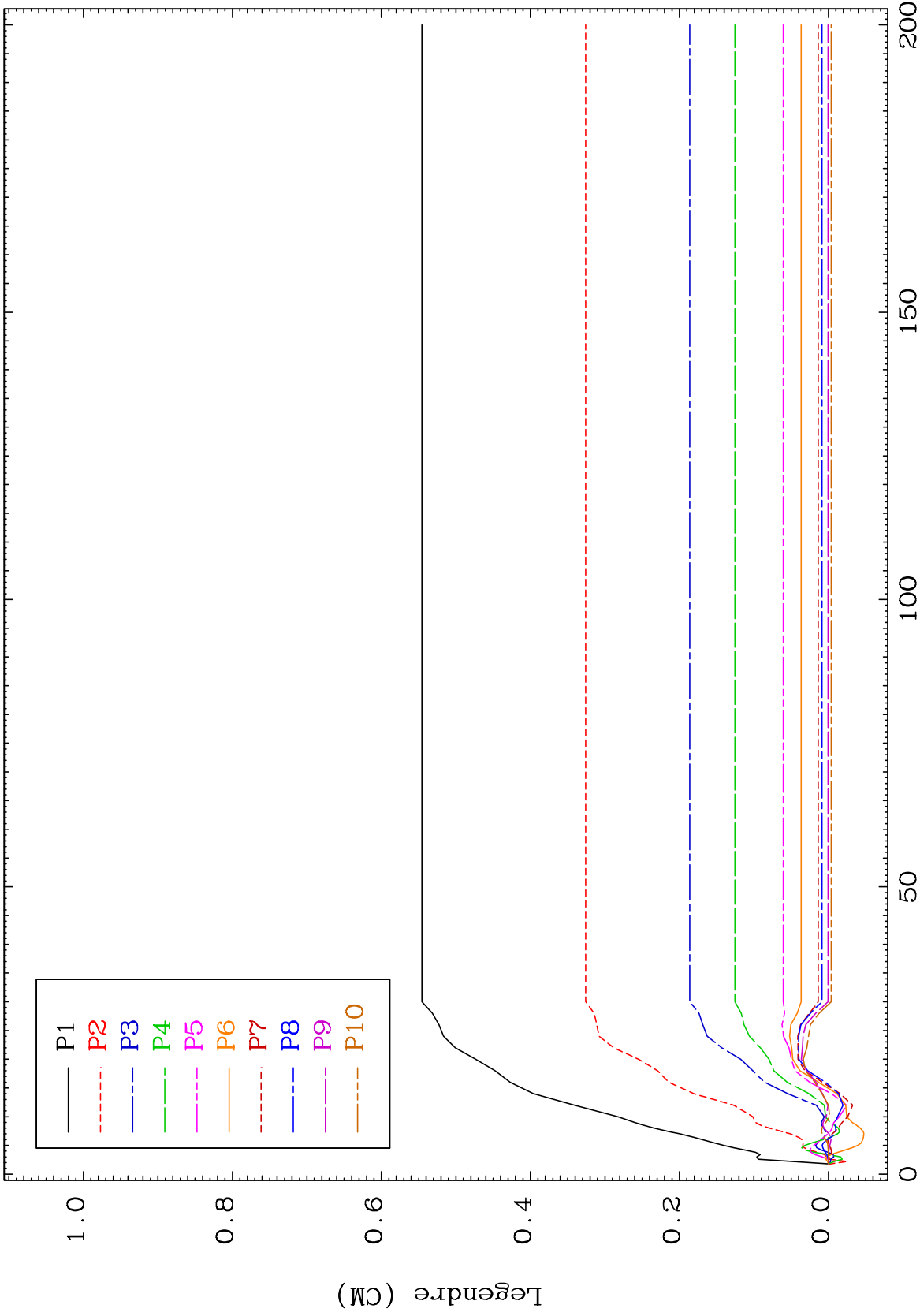
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



41

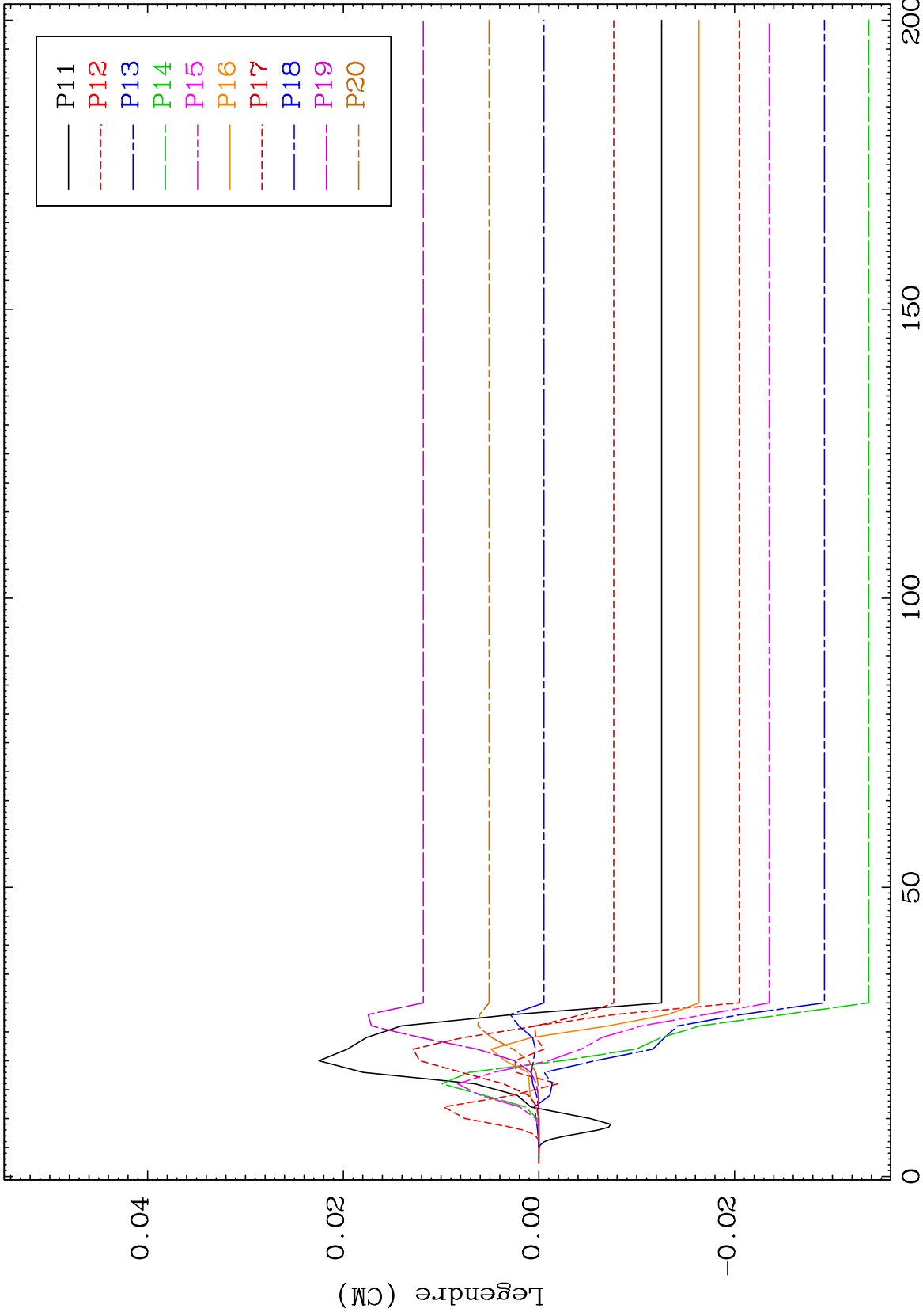
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



42

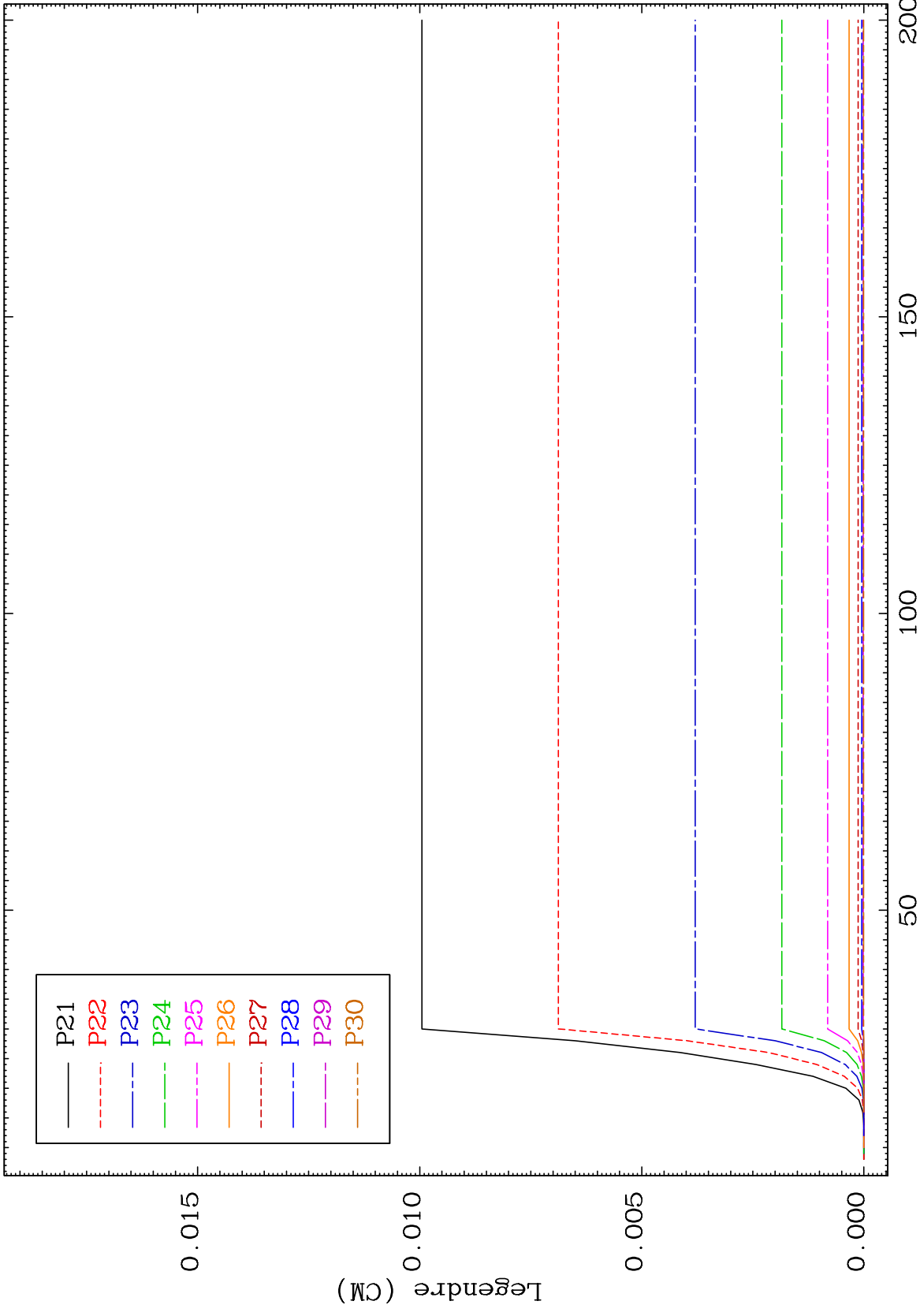
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



43

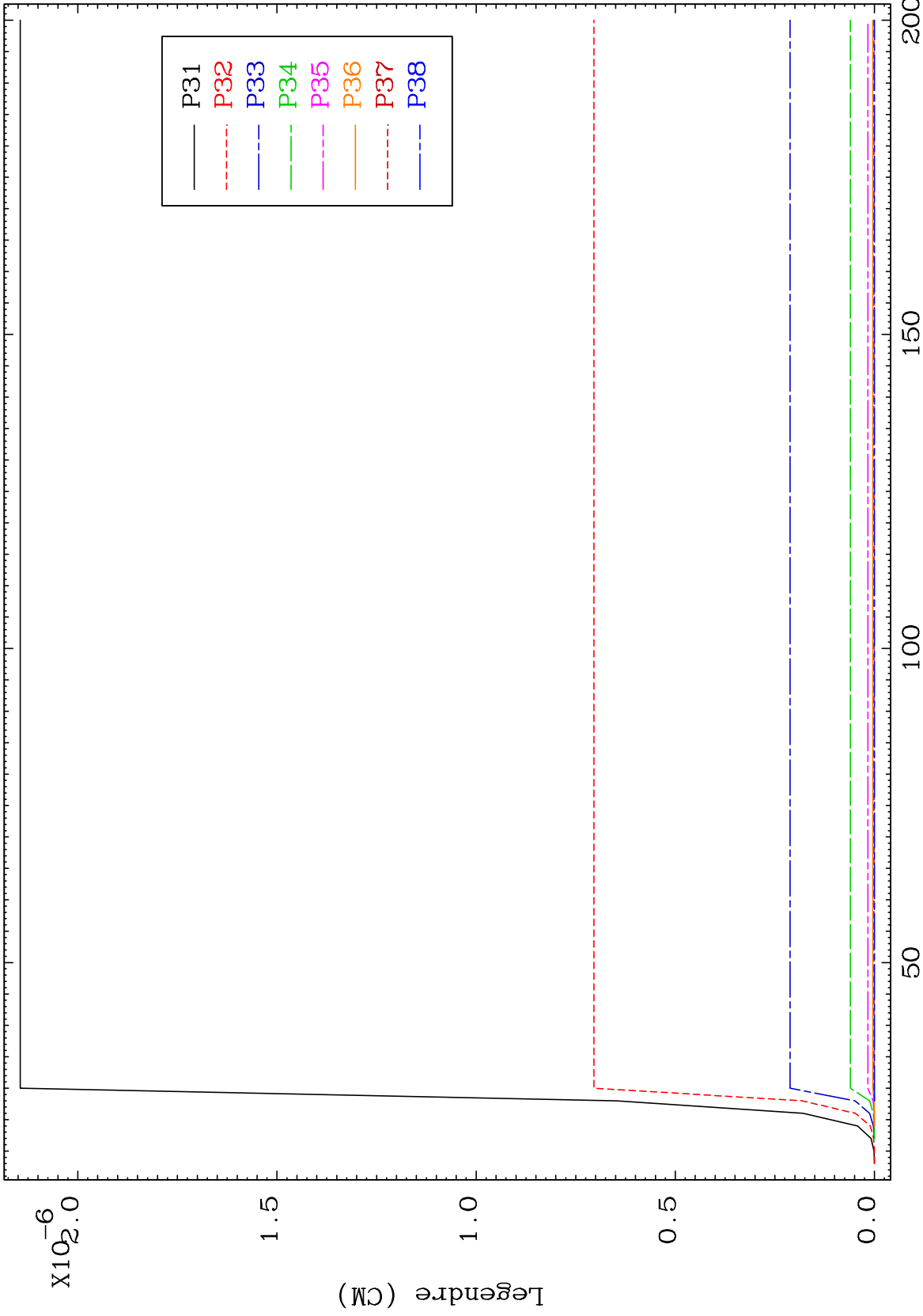
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



44

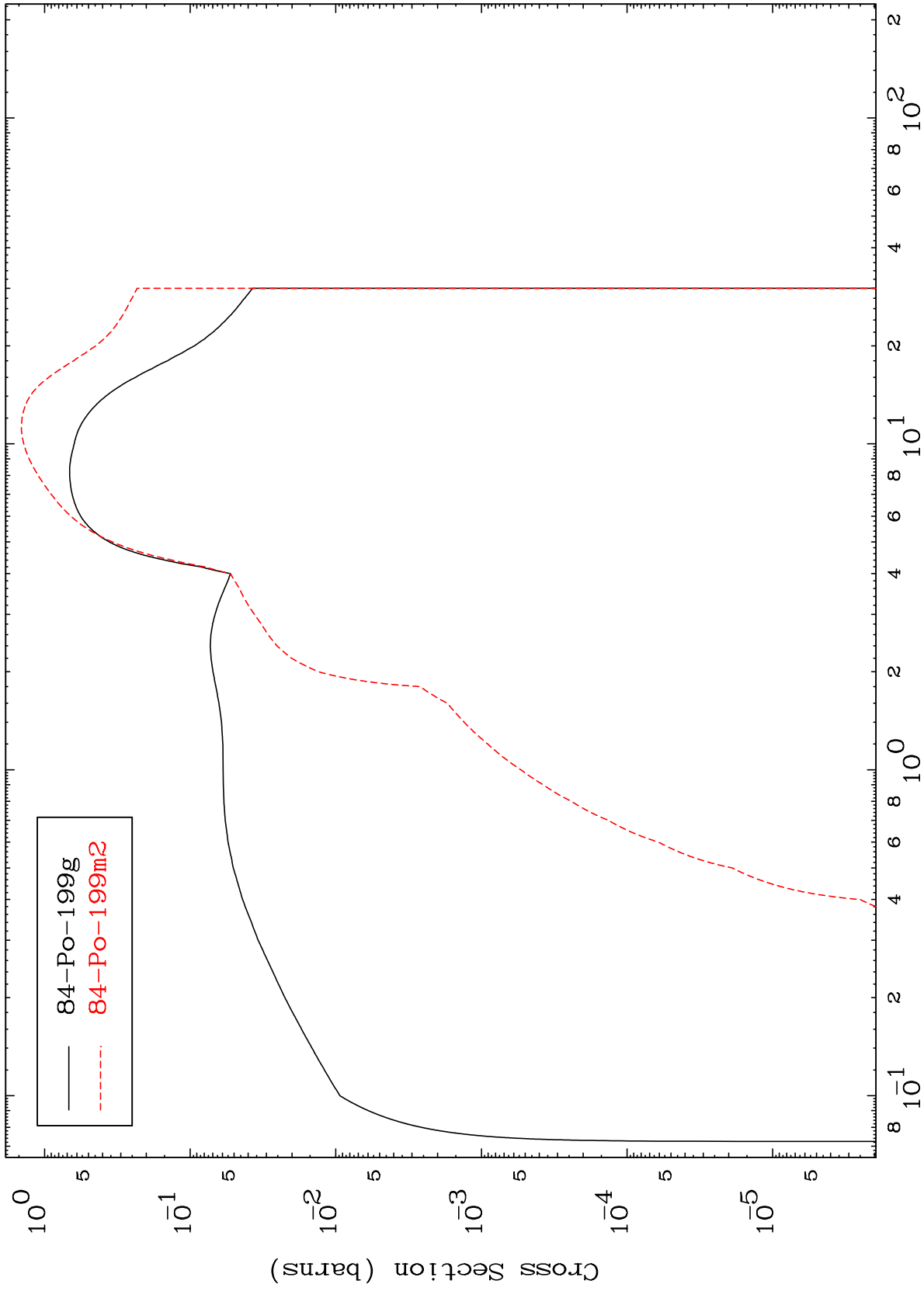
Incident Energy (MeV)

84-Po-199

MAT 8404

84-Po-199

### Inelastic Radionuclide Production Cross Section



45

Incident Energy (MeV)

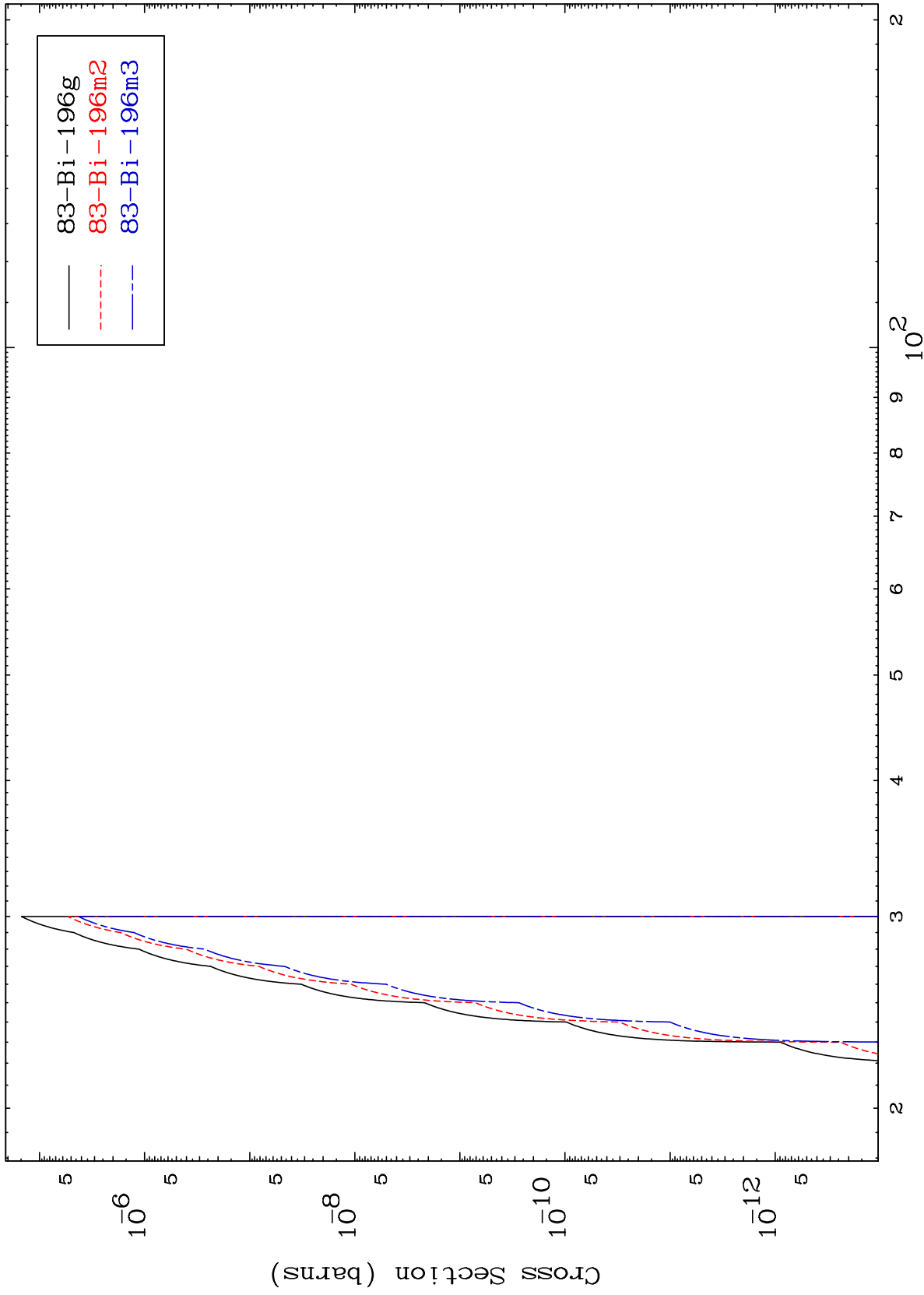
84-Po-199

MAT 8404

(n,2n) d

84-Po-199

Radionuclide Production Cross Section



46

Incident Energy (MeV)

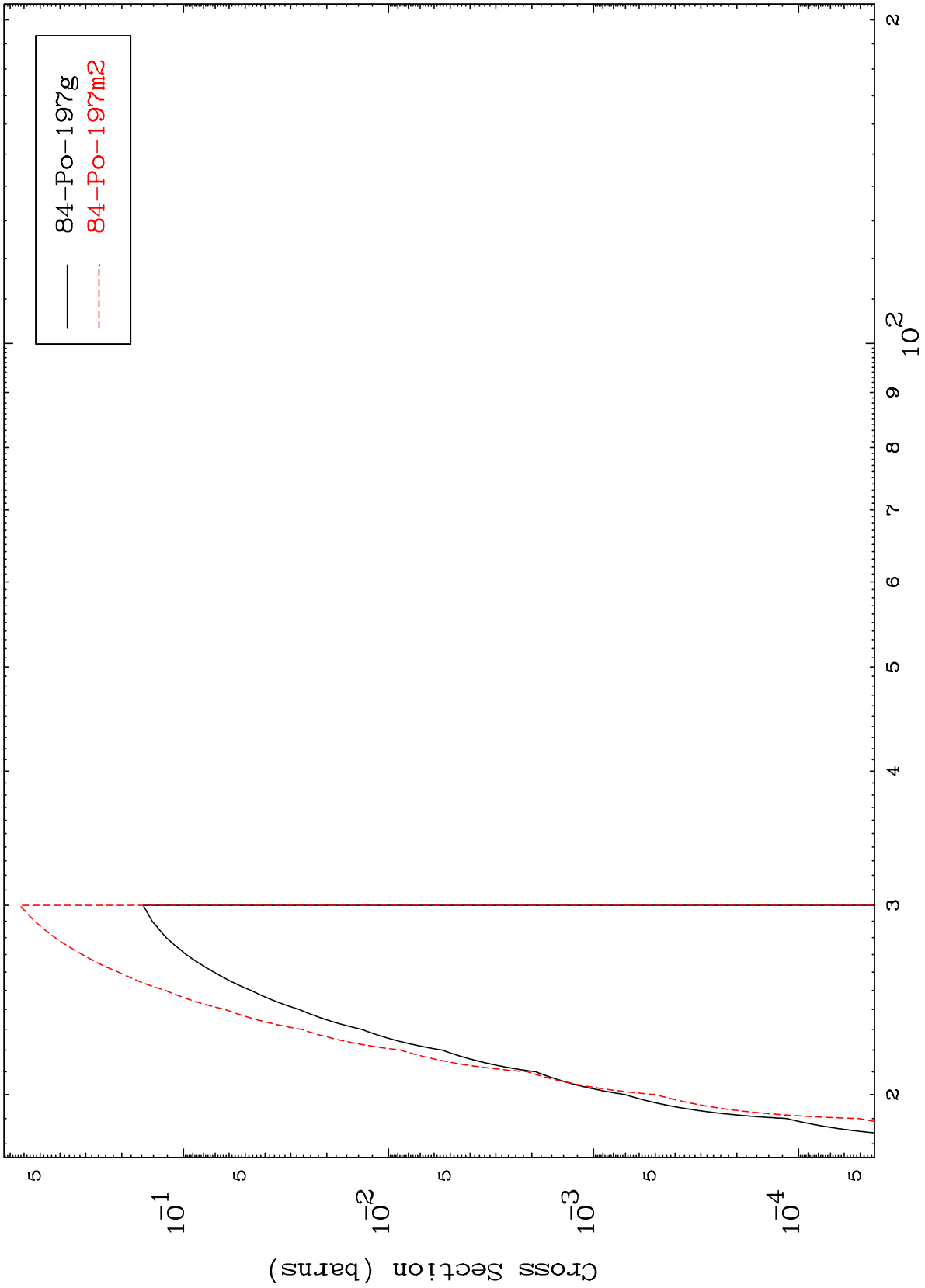
84-Po-199

MAT 8404

(n,3n)

84-Po-199

Radionuclide Production Cross Section



47

Incident Energy (MeV)

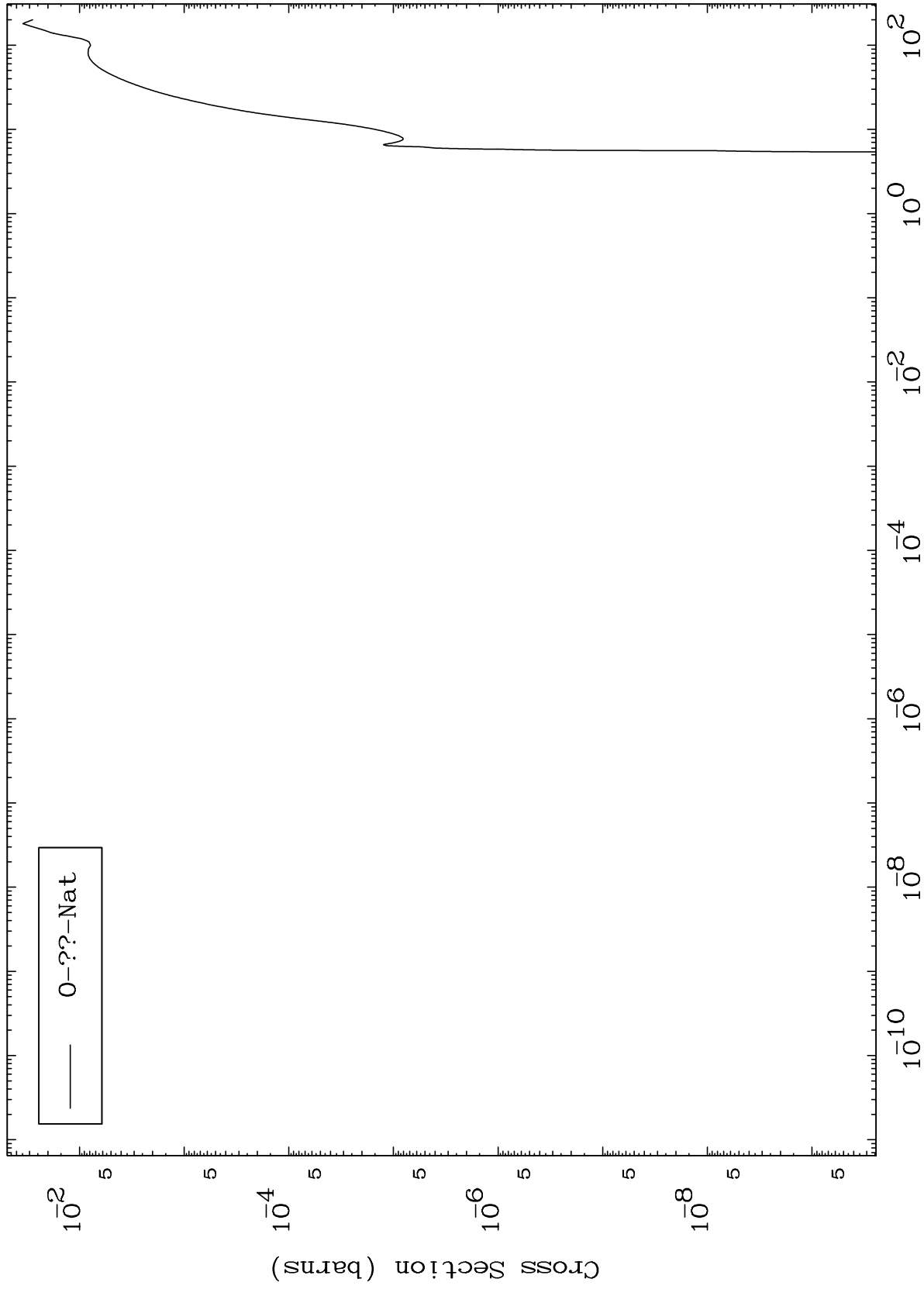
84-Po-199



MAT 8404

Fission  
Radionuclide Production Cross Section

84-Po-199



48

Incident Energy (MeV)

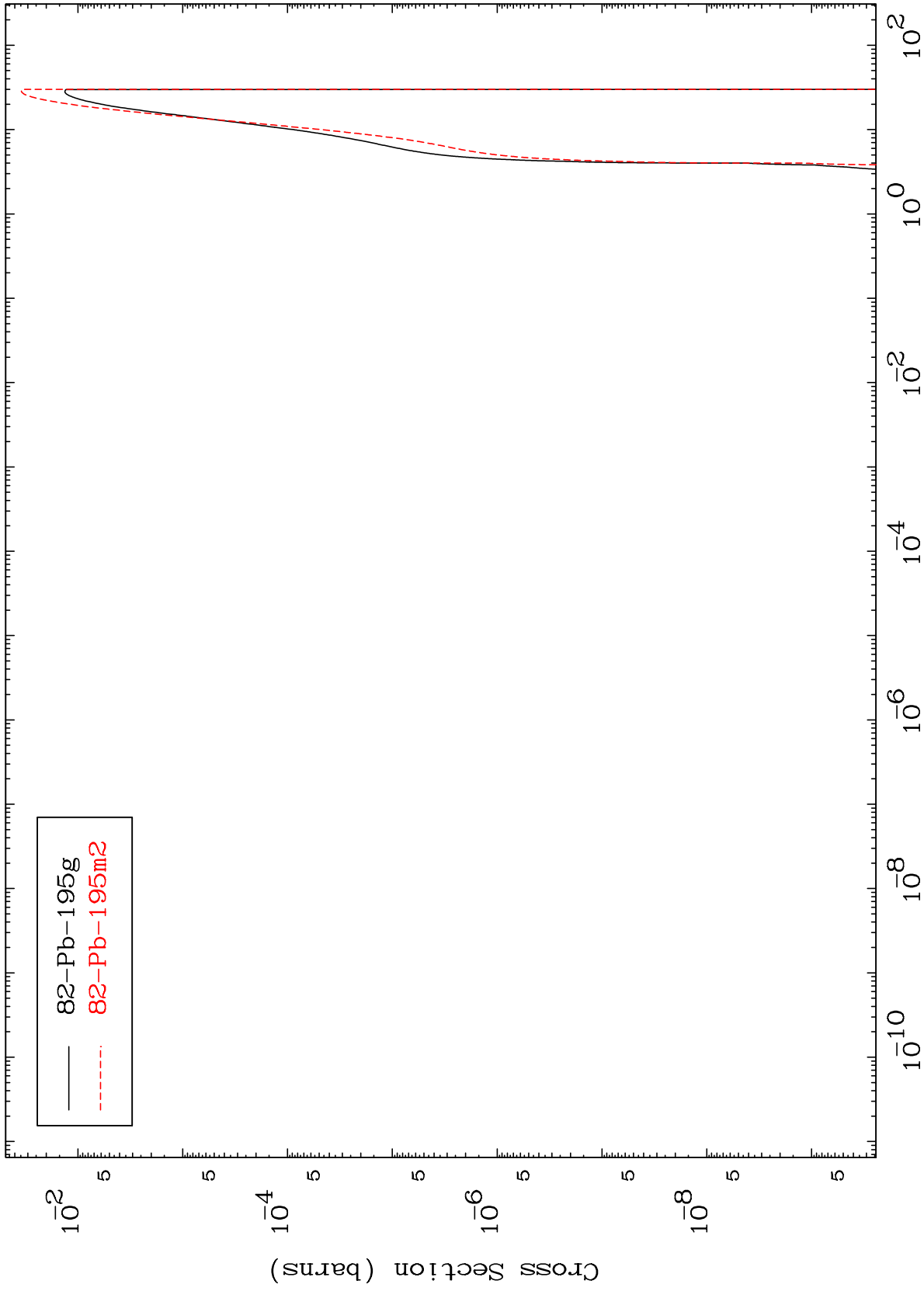
84-Po-199

MAT 8404

(n,n')  $\alpha$

84-Po-199

Radionuclide Production Cross Section

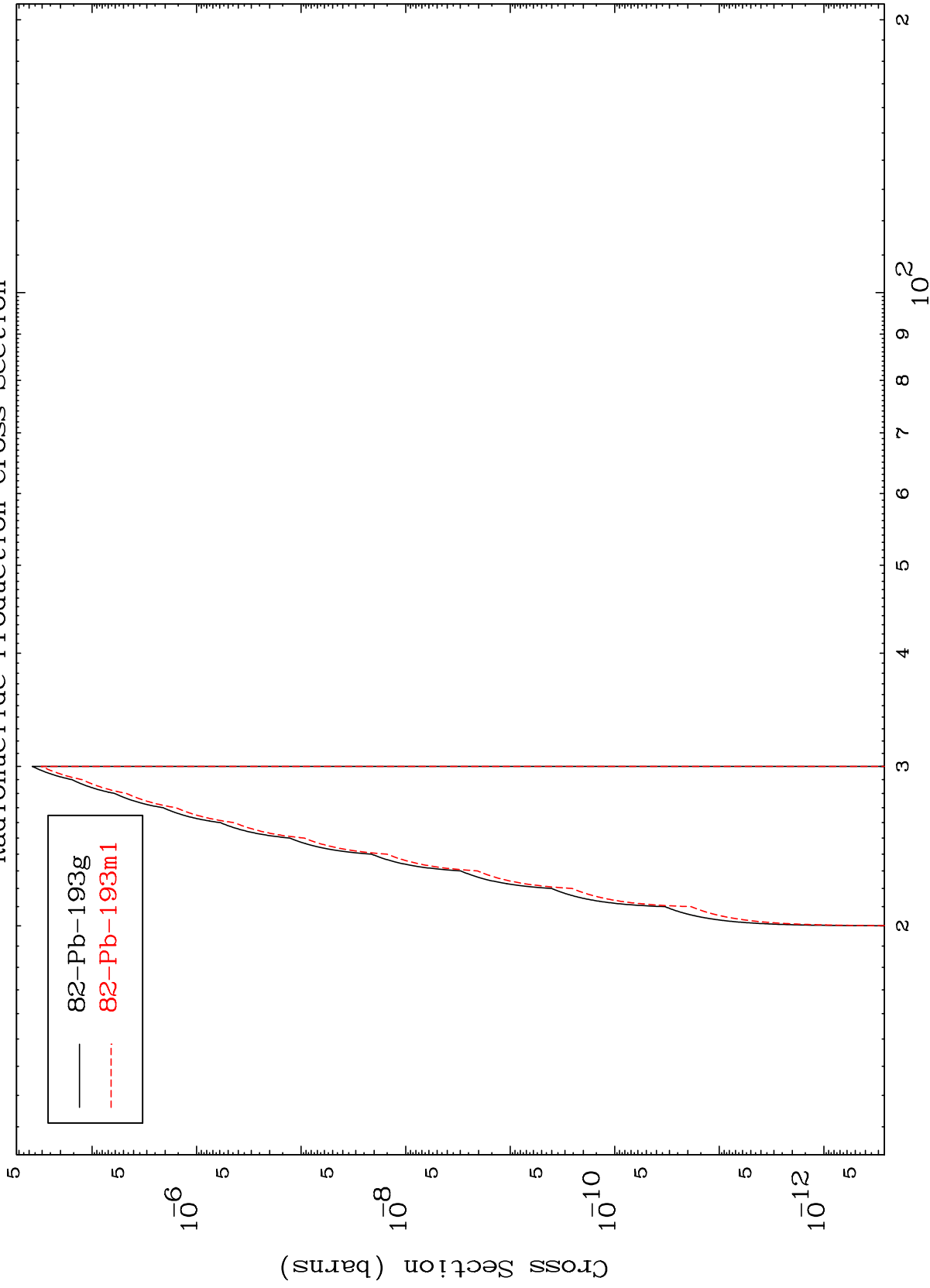


MAT 8404

(n,3n)  $\alpha$

84-Po-199

Radionuclide Production Cross Section

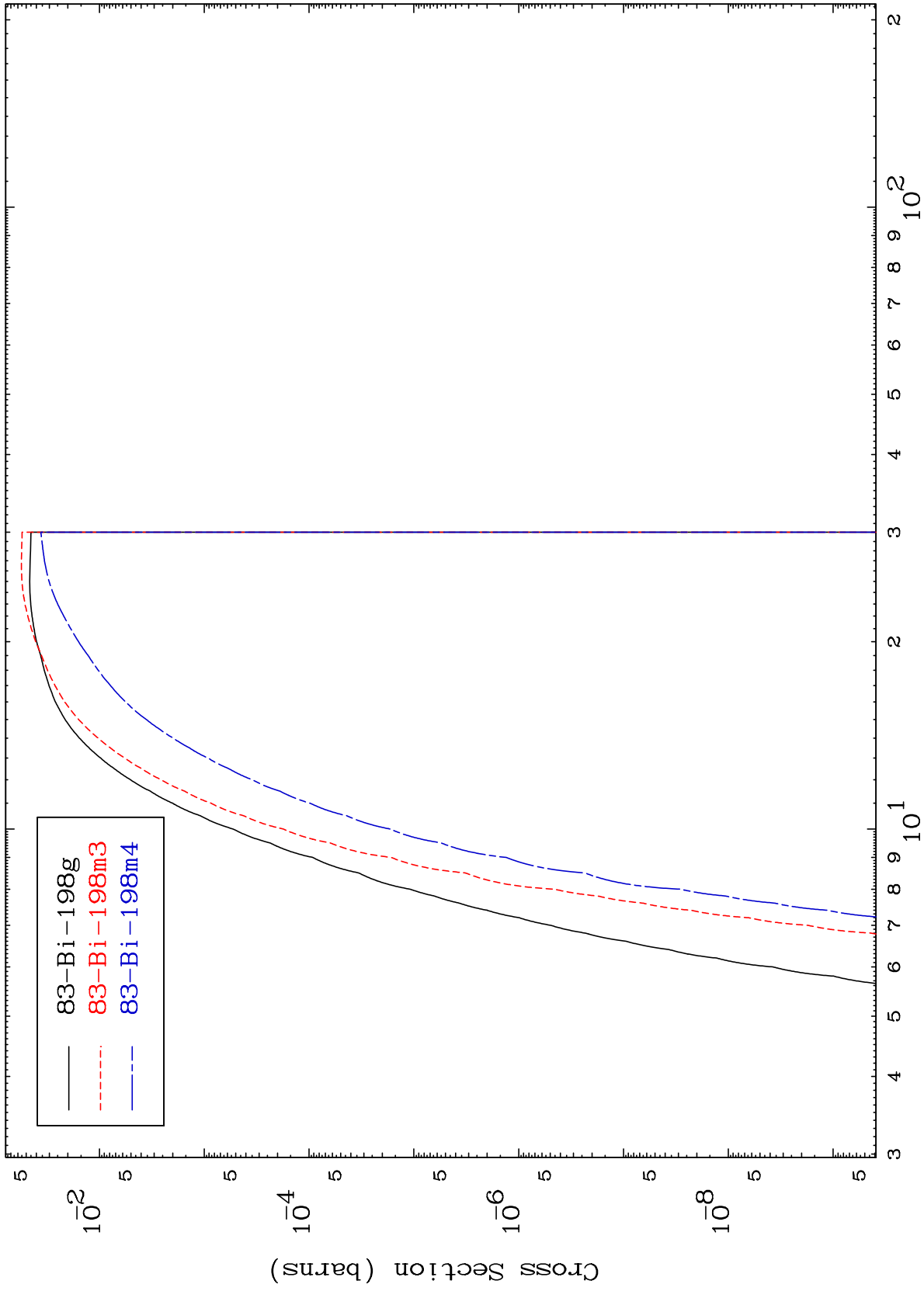


50

Incident Energy (MeV)

84-Po-199

(n,n') p  
Radionuclide Production Cross Section

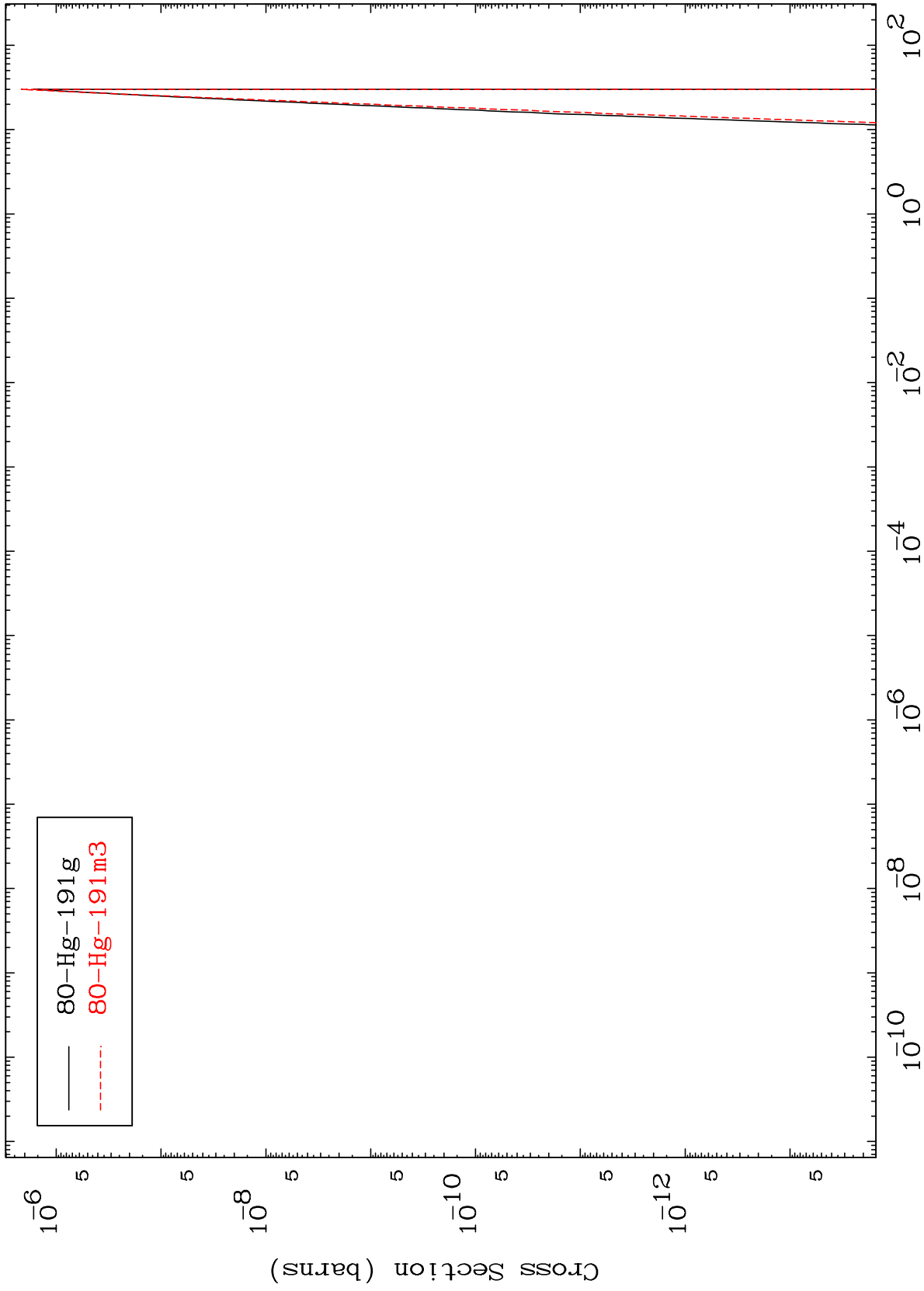


MAT 8404

(n,n') 2 $\alpha$

84-Po-199

Radionuclide Production Cross Section



52

Incident Energy (MeV)

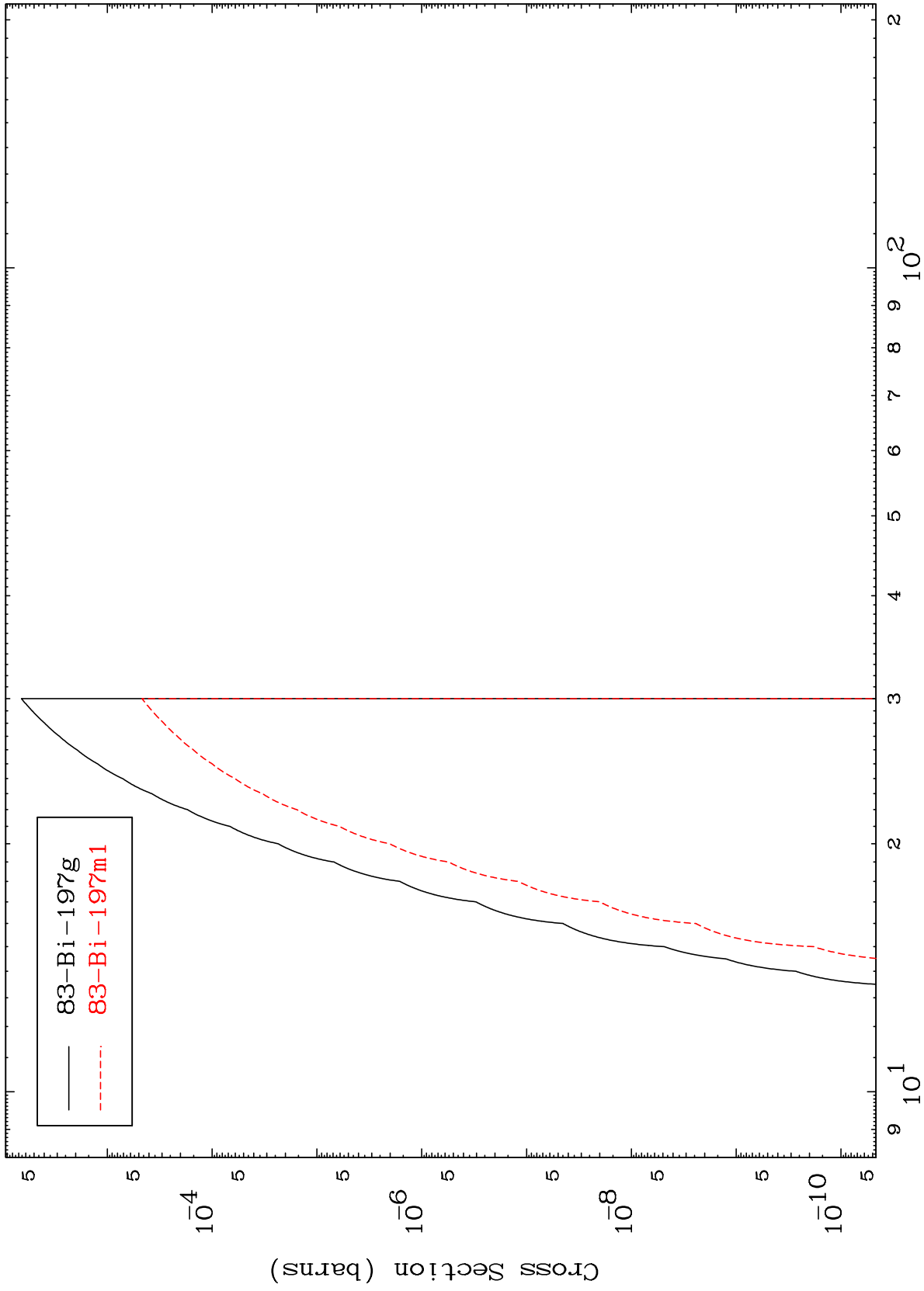
84-Po-199

MAT 8404

(n,n') d

84-Po-199

Radionuclide Production Cross Section



53

Incident Energy (MeV)

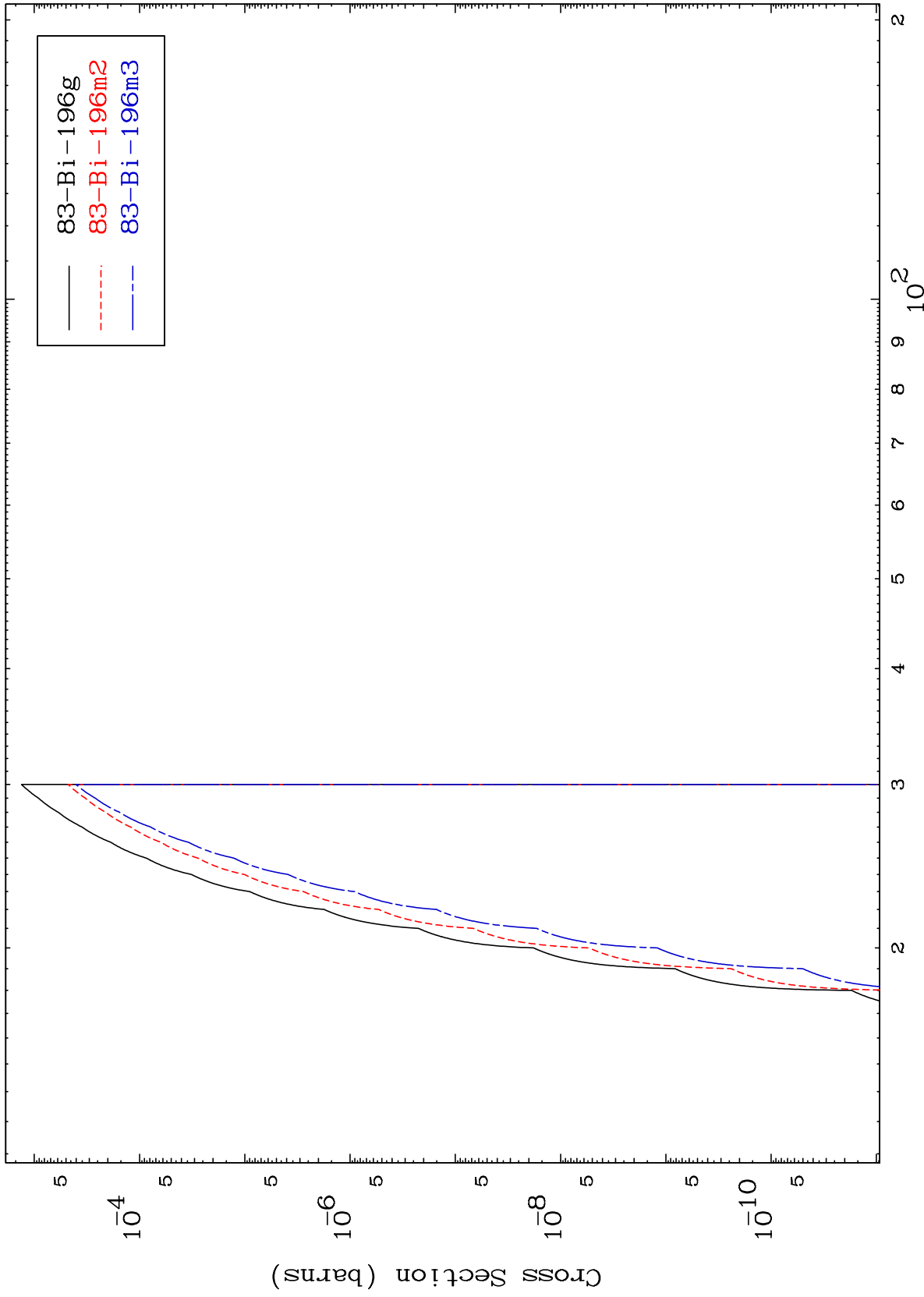
84-Po-199

MAT 8404

(n,n') t

84-Po-199

Radionuclide Production Cross Section



54

Incident Energy (MeV)

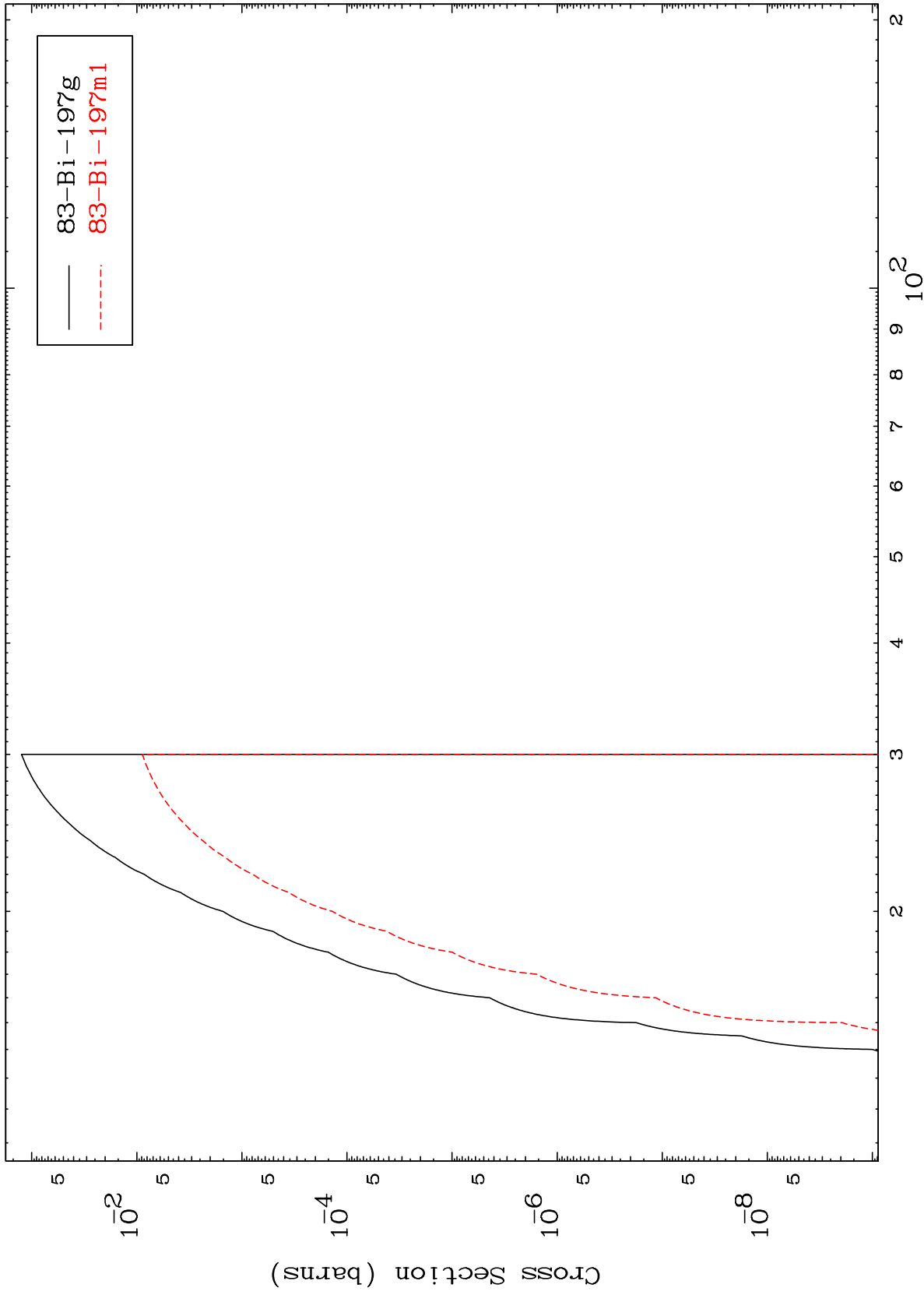
84-Po-199

MAT 8404

(n,2n) p

84-Po-199

Radionuclide Production Cross Section



55

Incident Energy (MeV)

84-Po-199

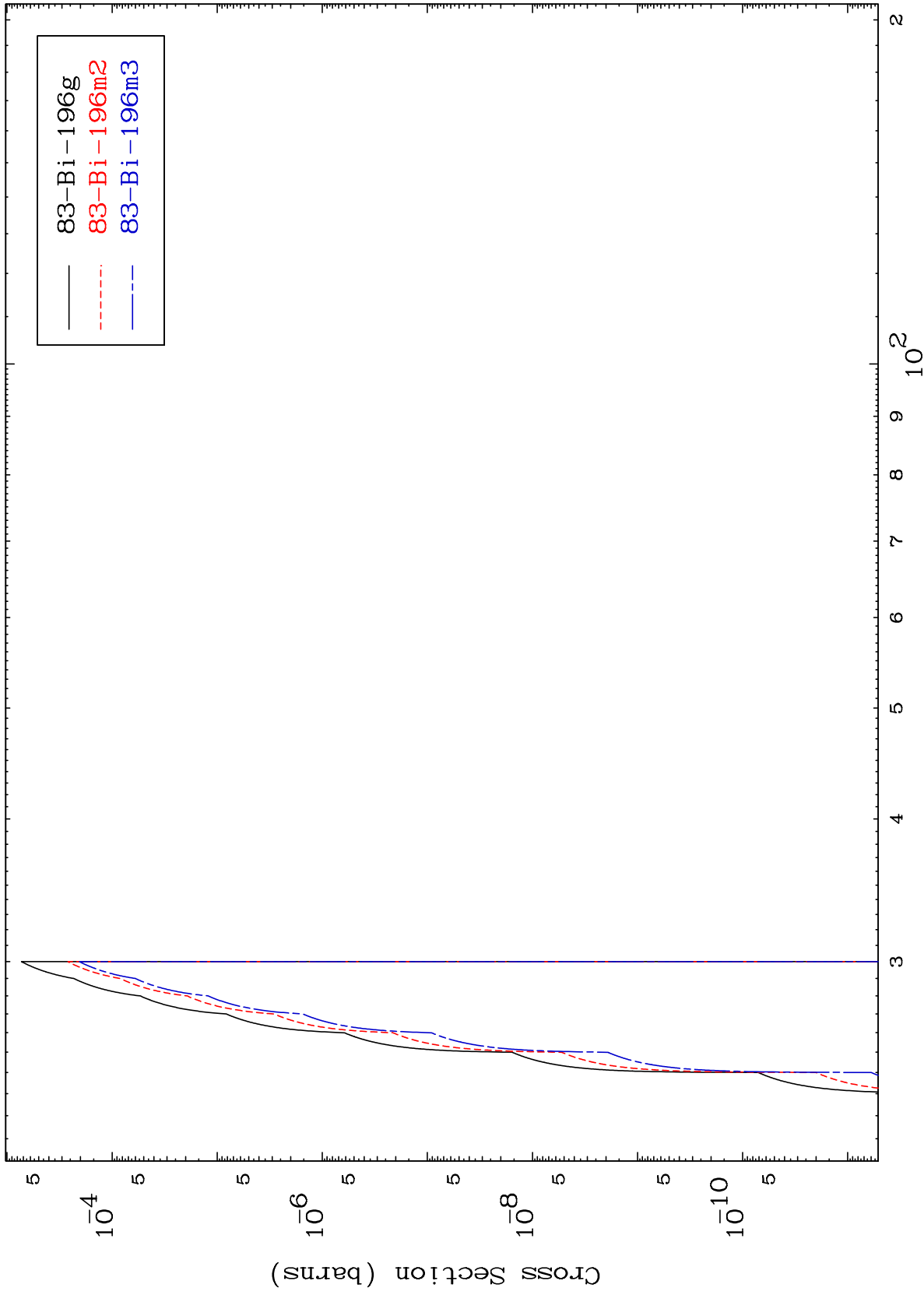


MAT 8404

(n,3n) p

84-Po-199

Radionuclide Production Cross Section



56

Incident Energy (MeV)

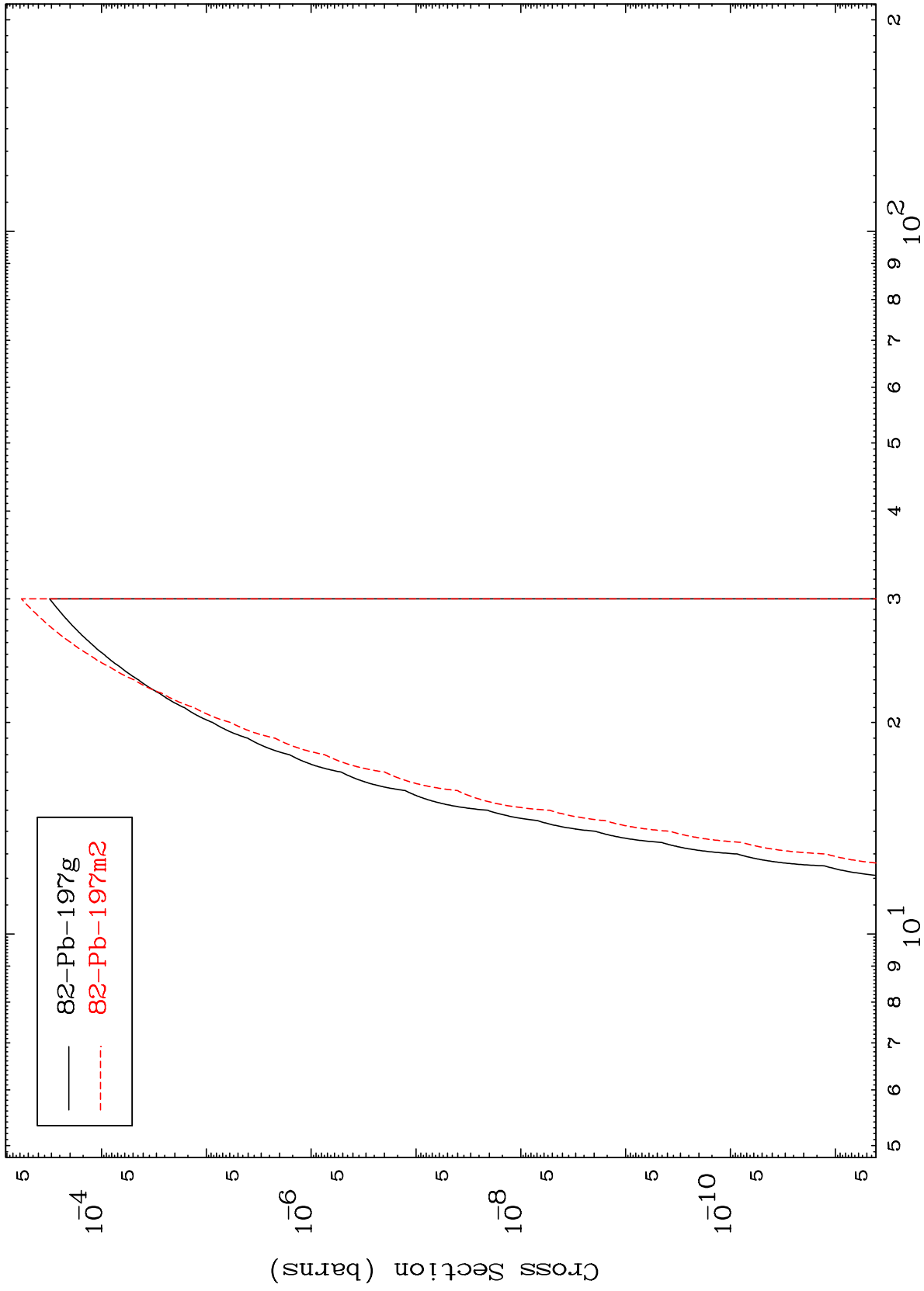
84-Po-199

MAT 8404

(n,2n) p

84-Po-199

Radionuclide Production Cross Section



57

Incident Energy (MeV)

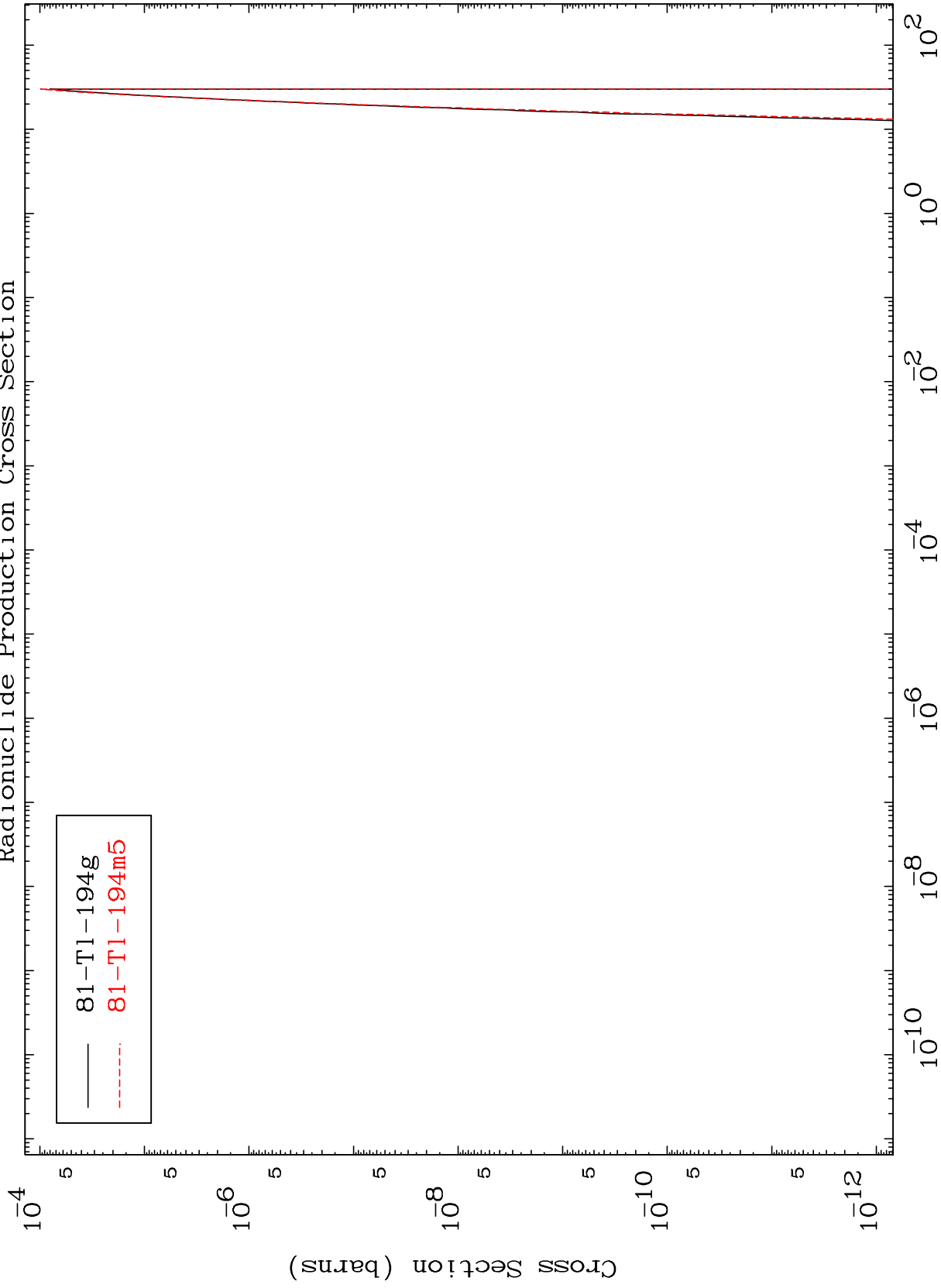
84-Po-199

MAT 8404

(n,n') p  $\alpha$

84-Po-199

Radionuclide Production Cross Section



58

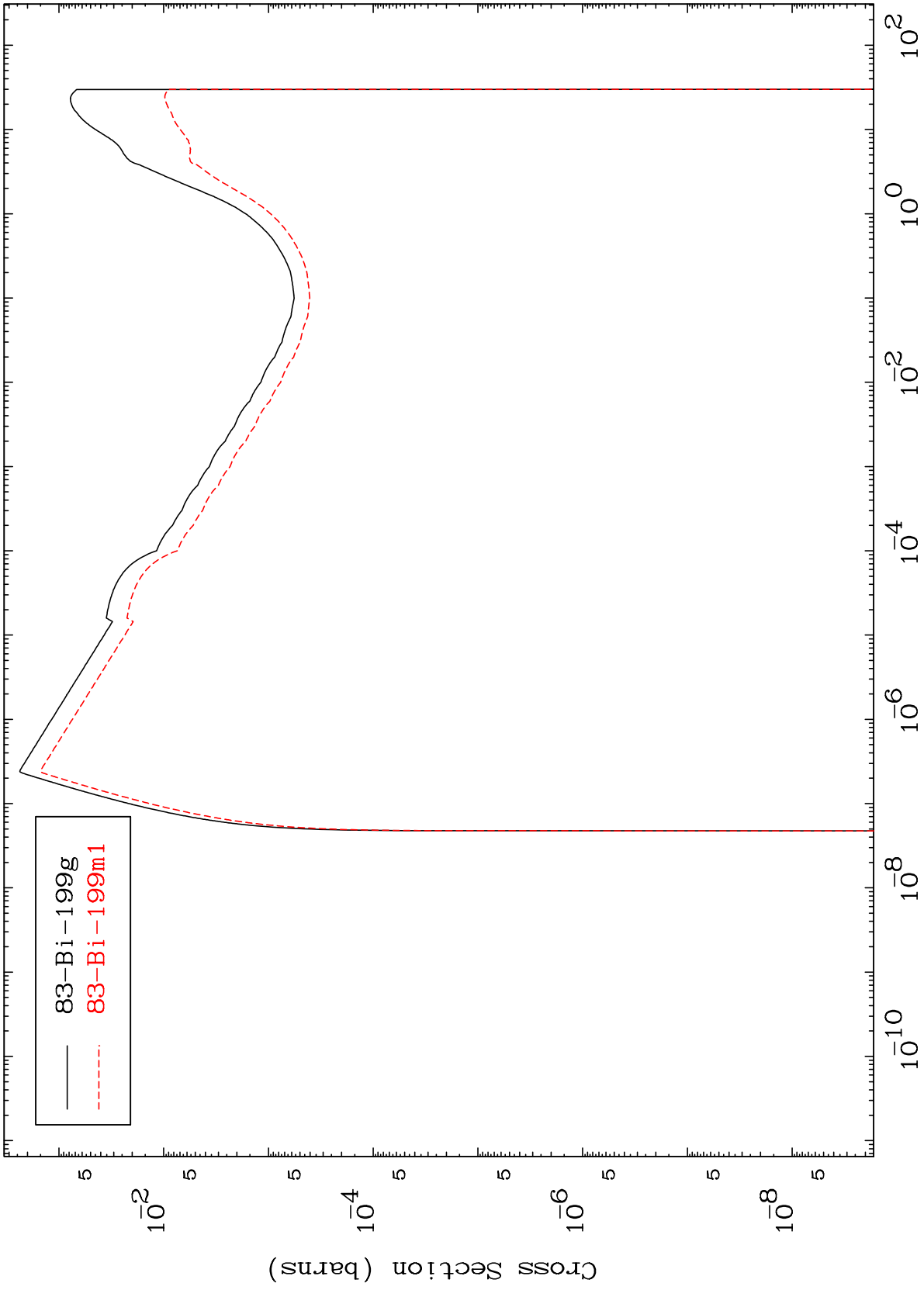
Incident Energy (MeV)

84-Po-199

MAT 8404

84-Po-199

Radionuclide Production Cross Section (n,p)



59

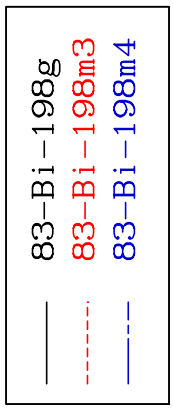
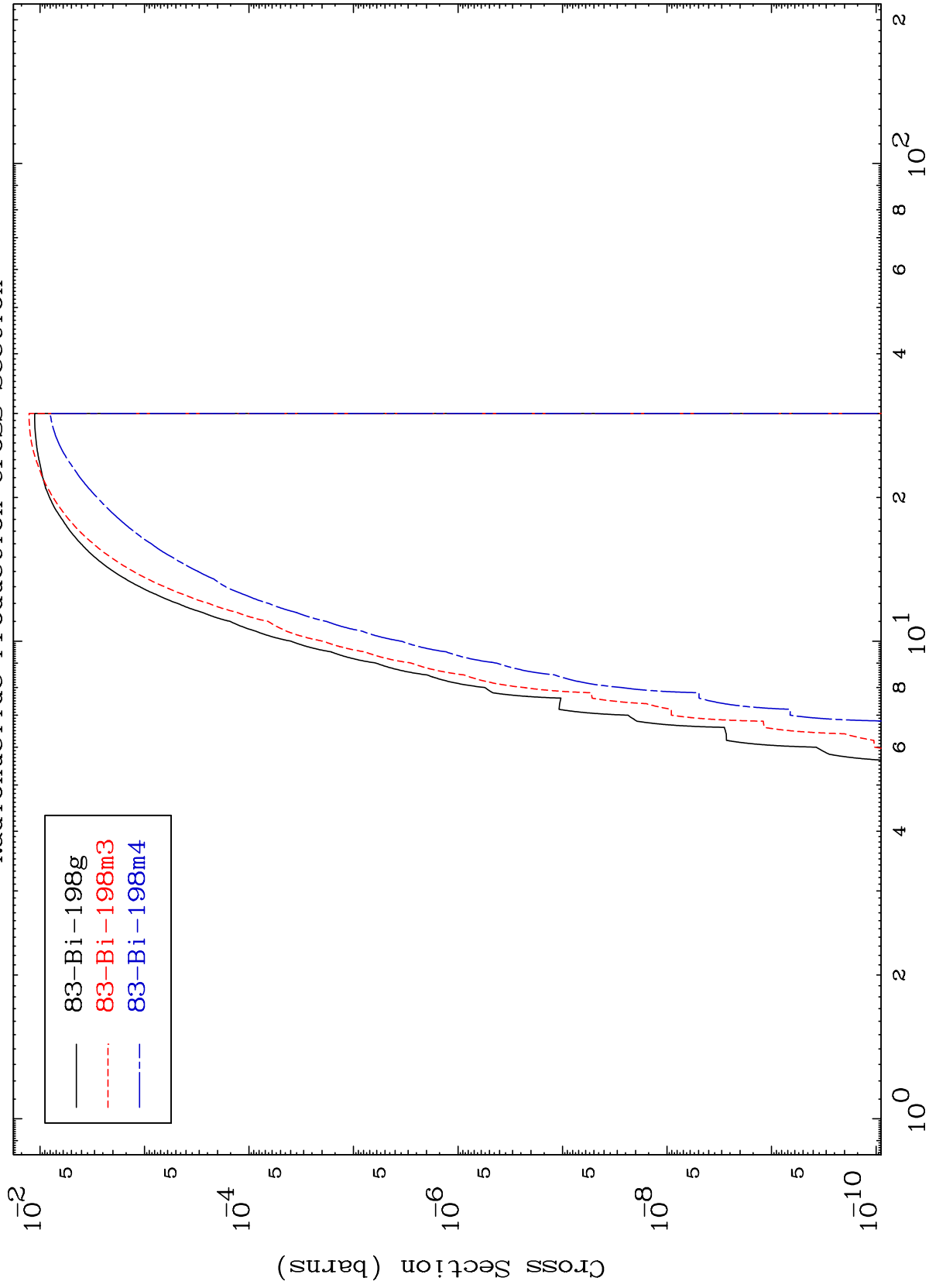
84-Po-199

MAT 8404

(n,d)

84-Po-199

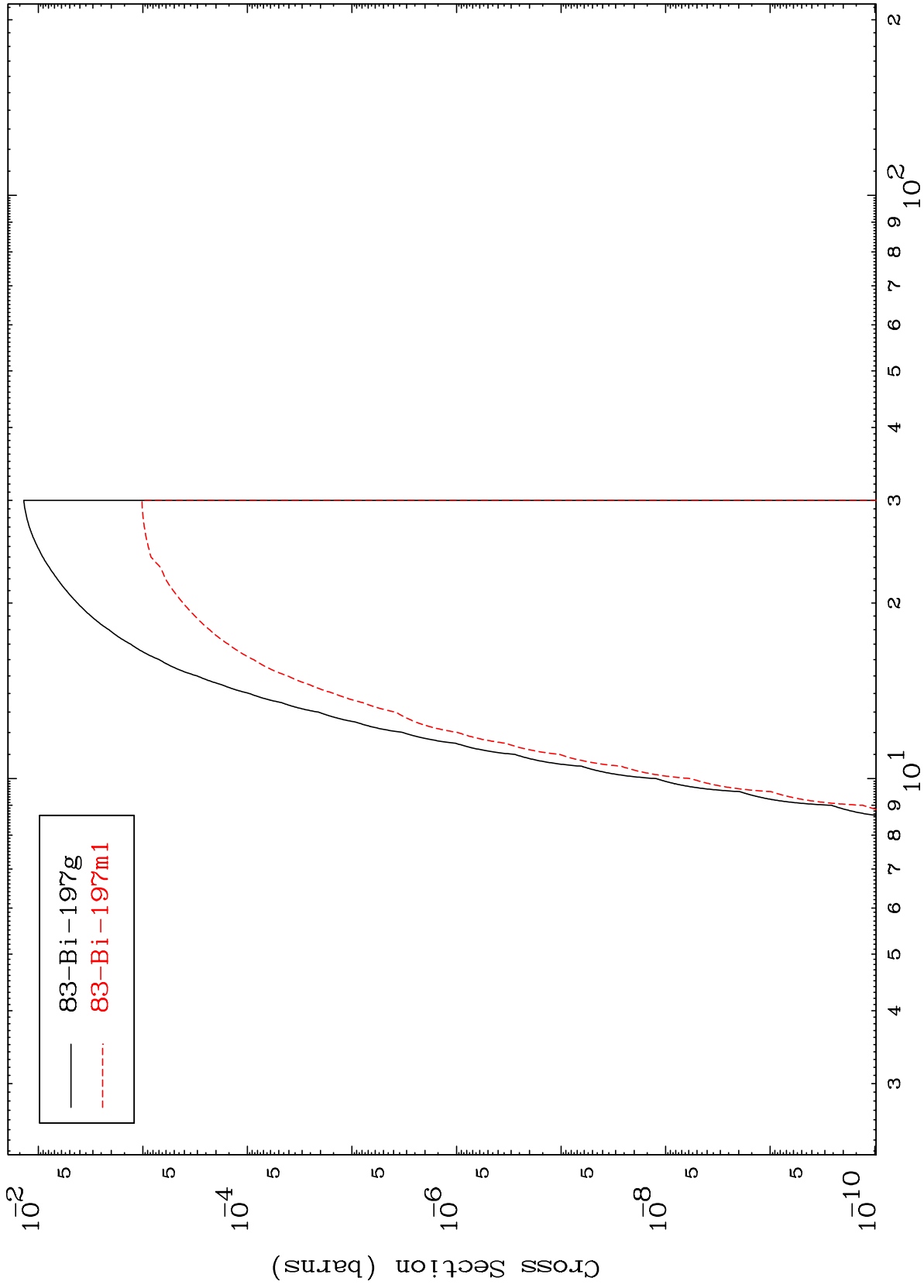
Radionuclide Production Cross Section



MAT 8404

84-Po-199

(n, t)  
Radionuclide Production Cross Section



61

84-Po-199

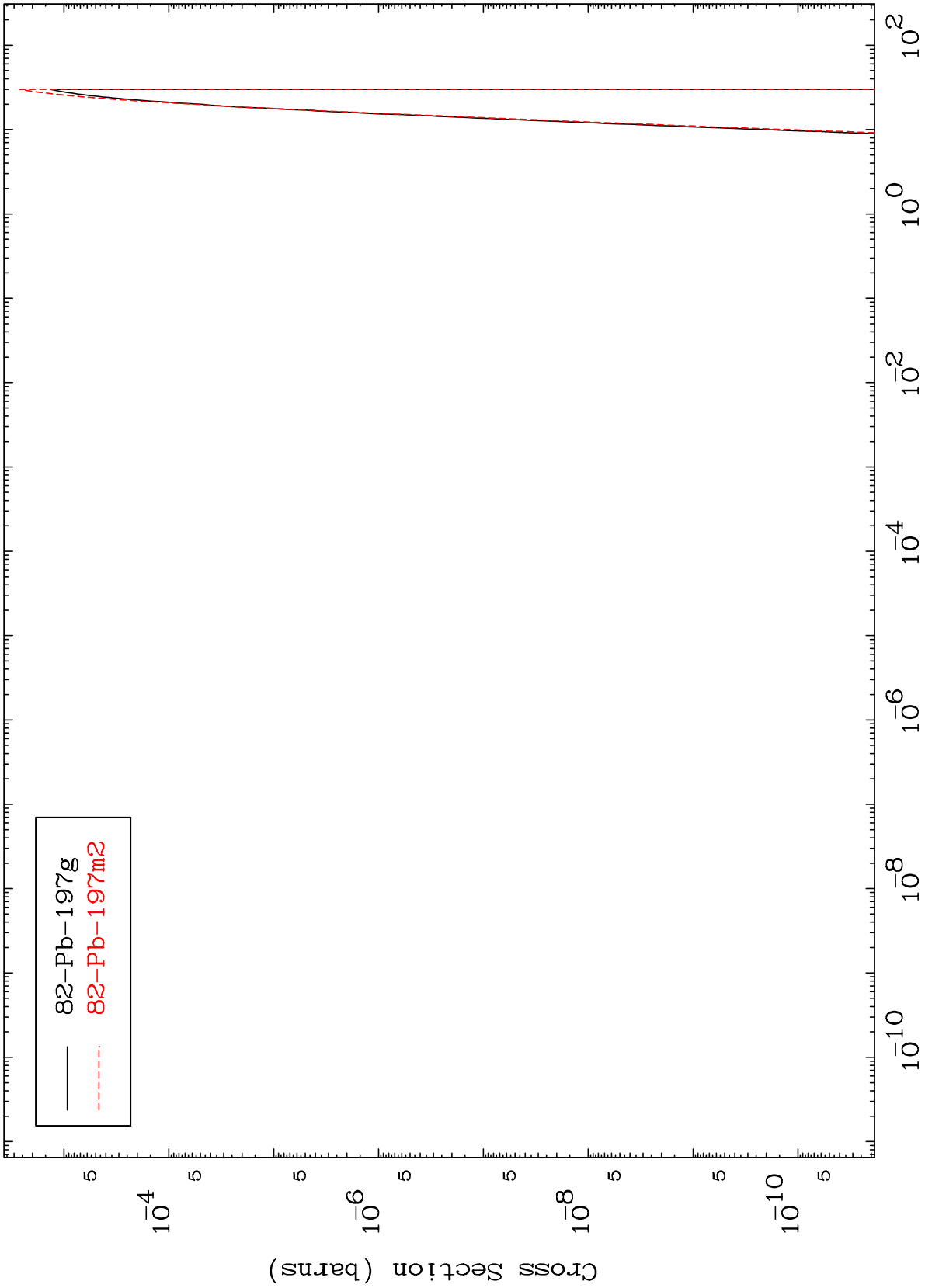
84-Po-199

MAT 8404

(n, He-3)

84-Po-199

Radionuclide Production Cross Section



62

Incident Energy (MeV)

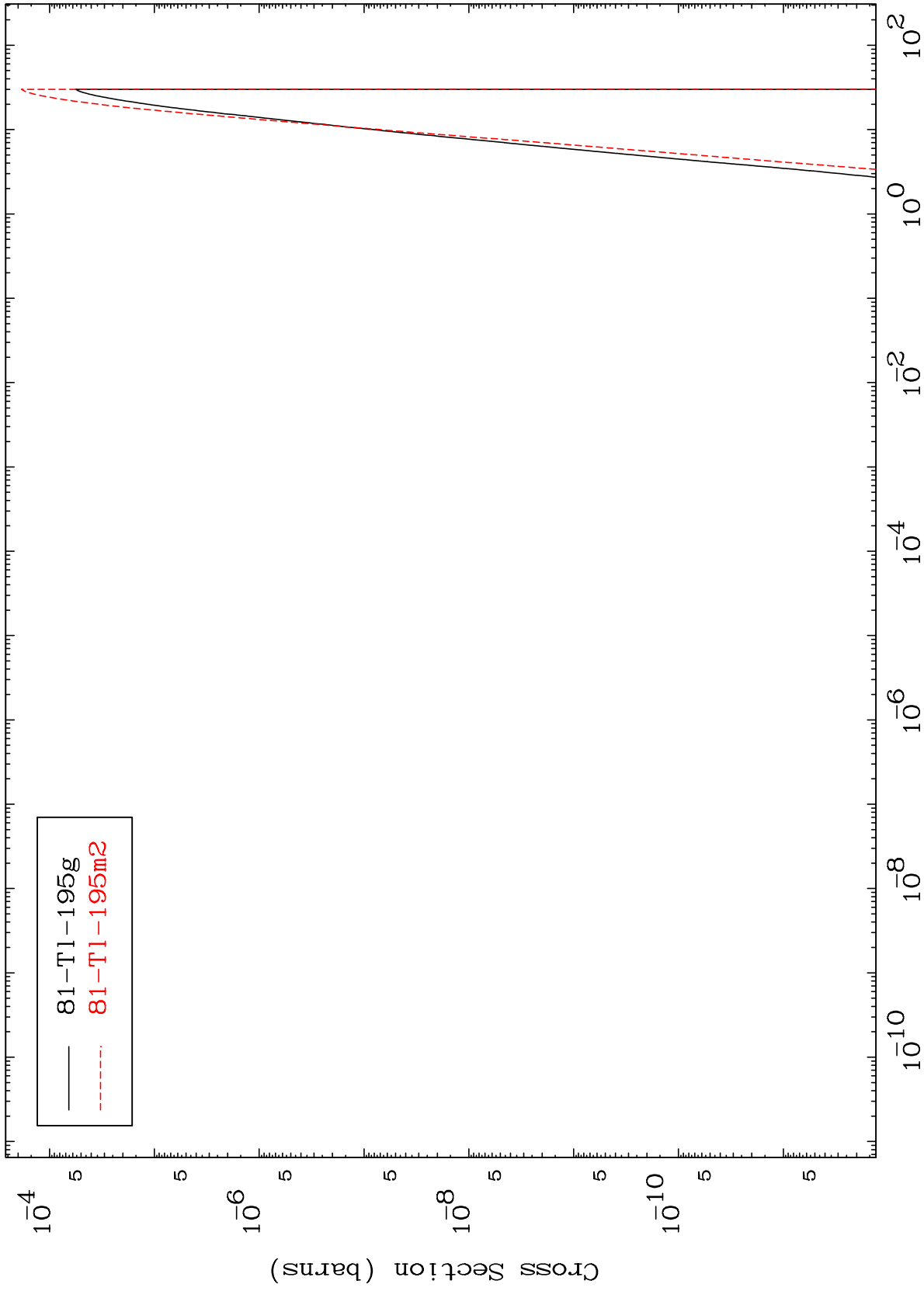
84-Po-199

MAT 8404

(n,p)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



63

Incident Energy (MeV)

84-Po-199

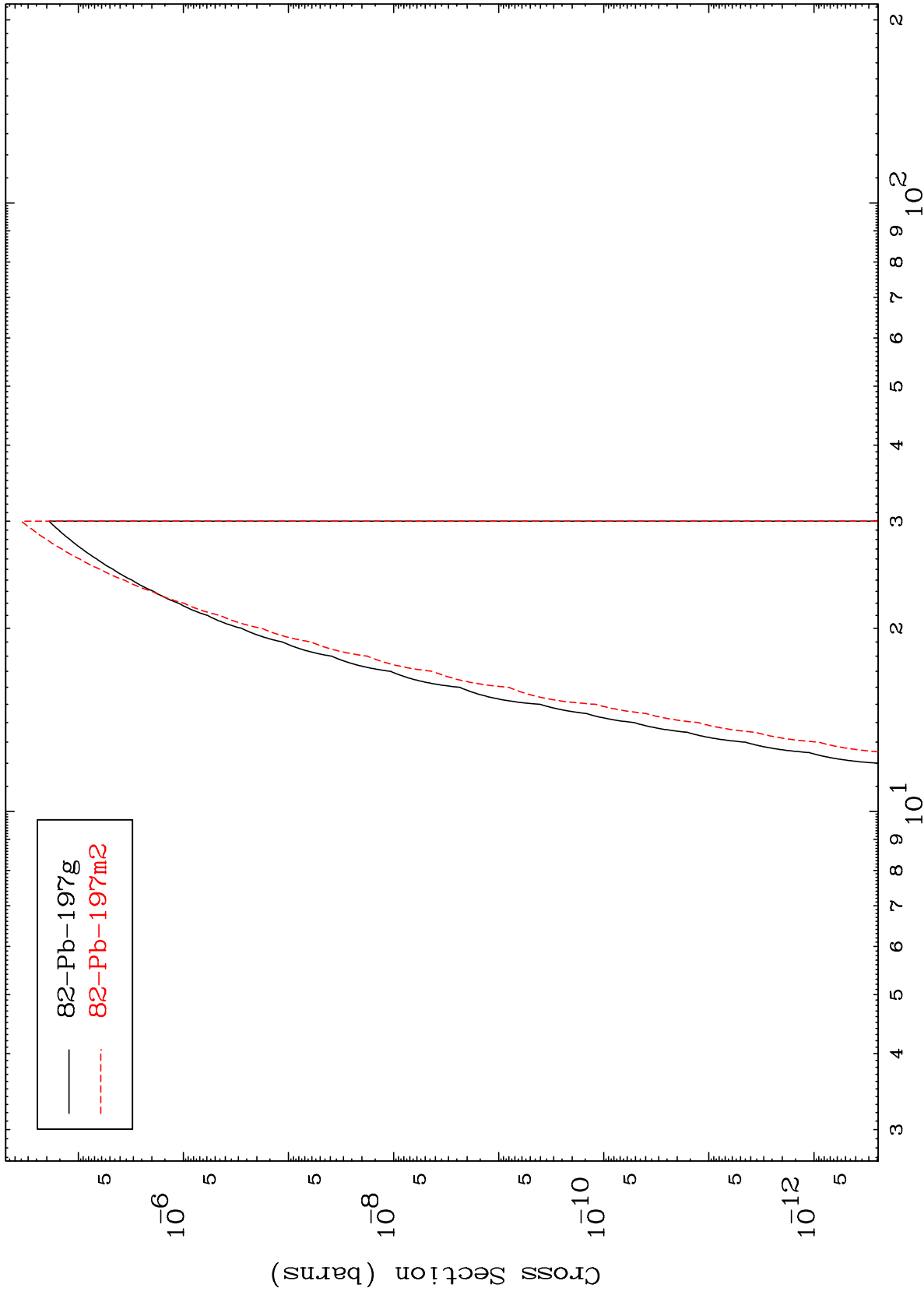


MAT 8404

(n,p) d

84-Po-199

Radionuclide Production Cross Section



64

Incident Energy (MeV)

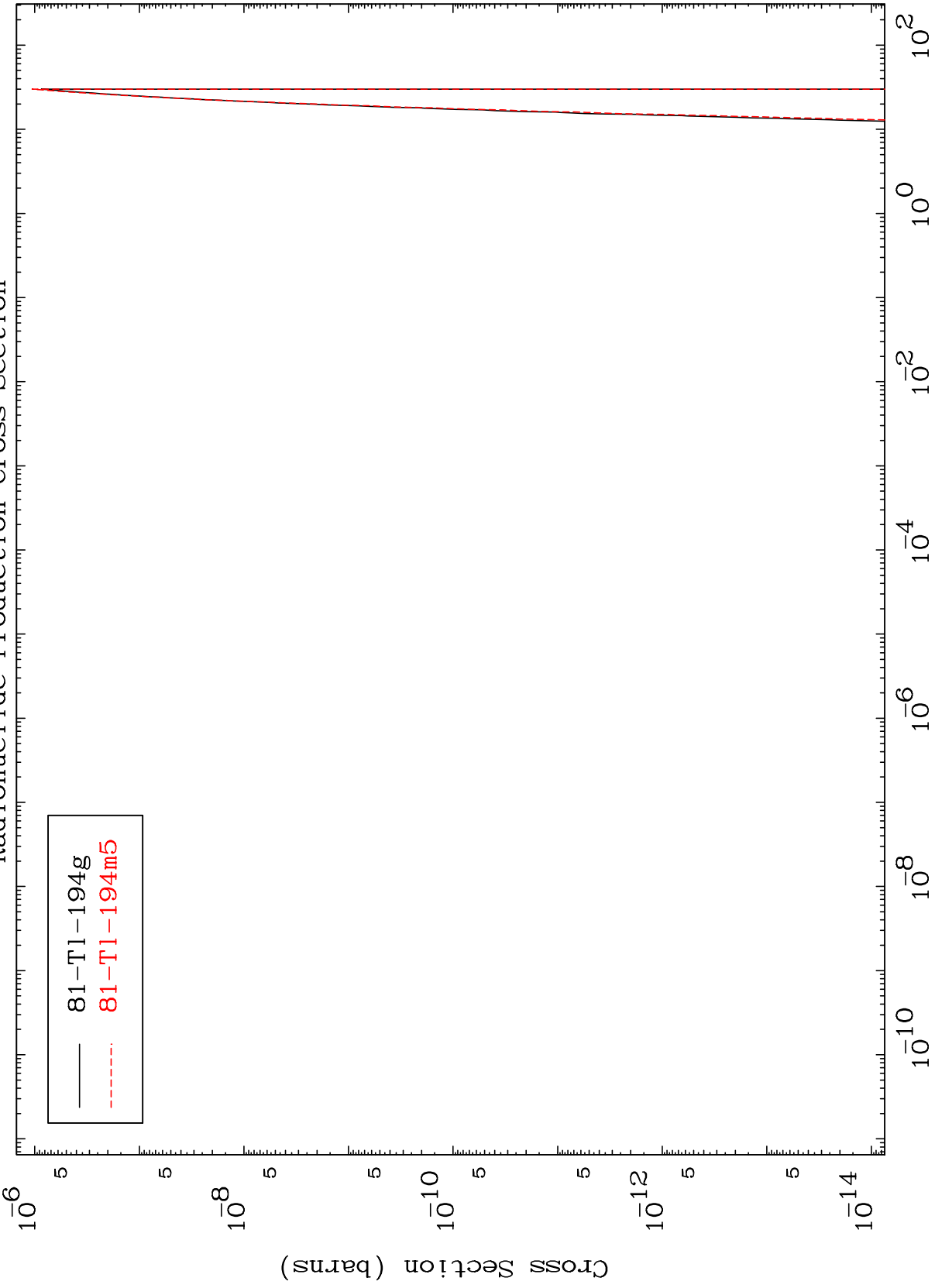
84-Po-199

MAT 8404

(n,d)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



65

Incident Energy (MeV)

84-Po-199