

Program EVALPLOT  
(Version 2021-1)

by

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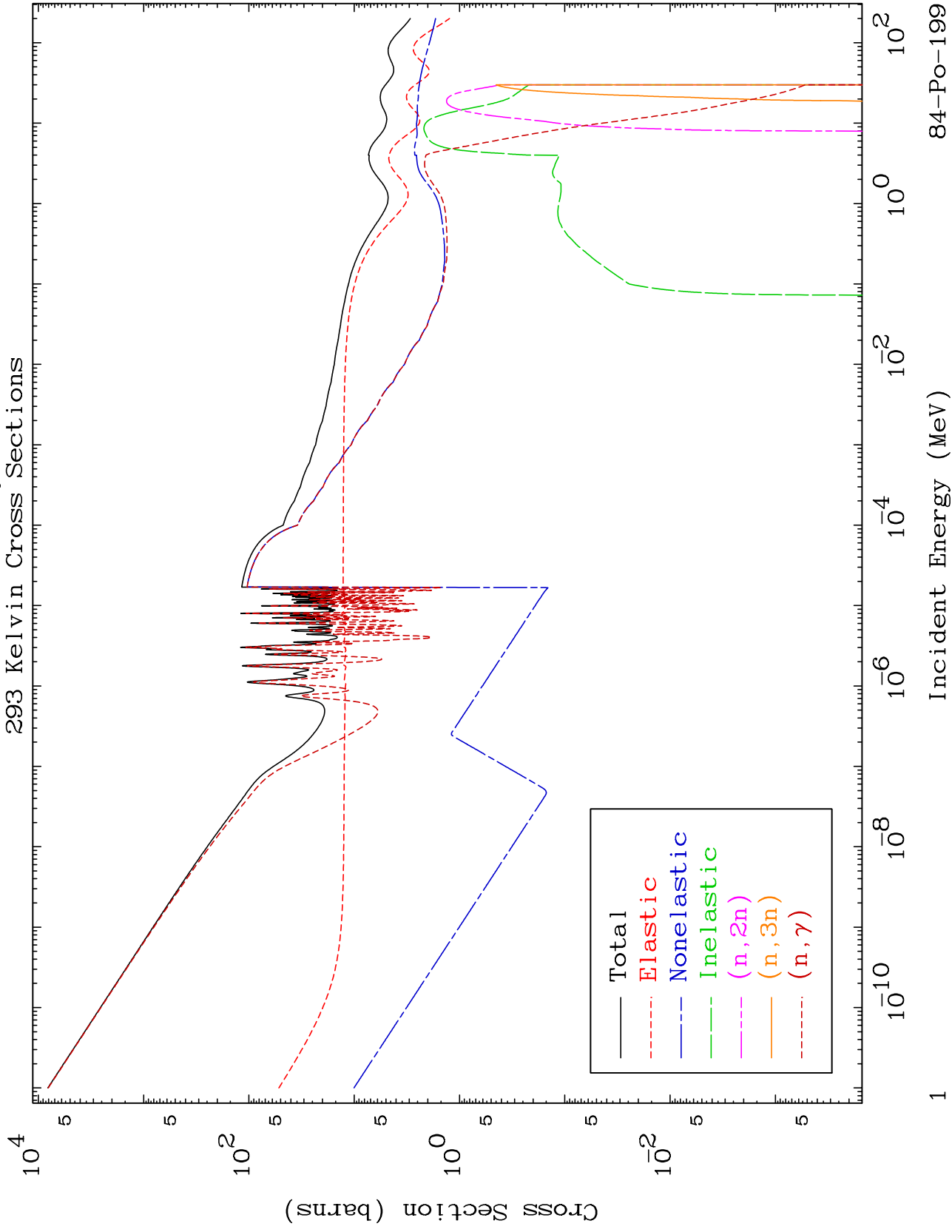
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Press Mouse Button to Start

MAT 8404

Neutron Major  
293 Kelvin Cross Sections

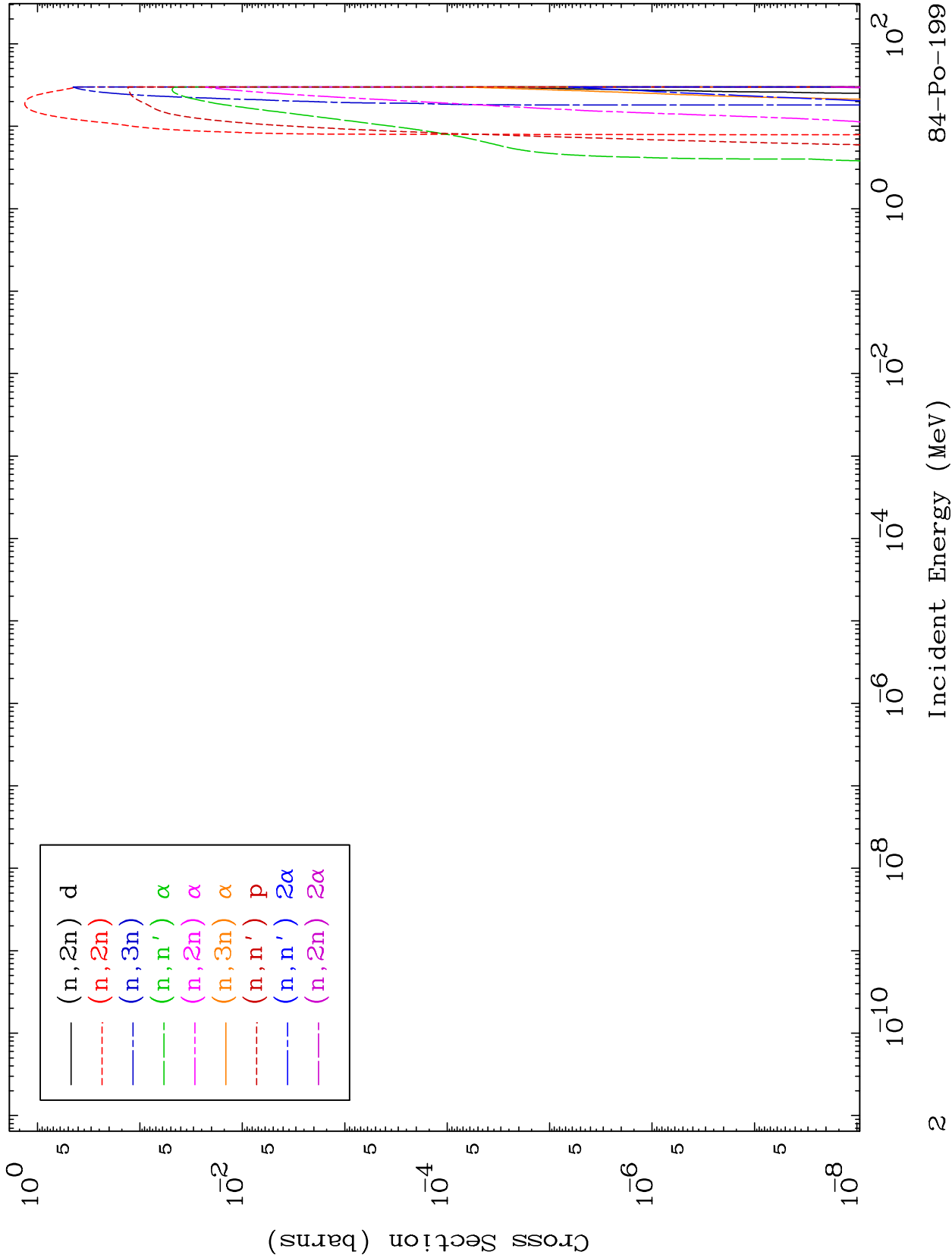
84-Po-199



MAT 8404

Neutron Absorption  
293 Kelvin Cross Sections

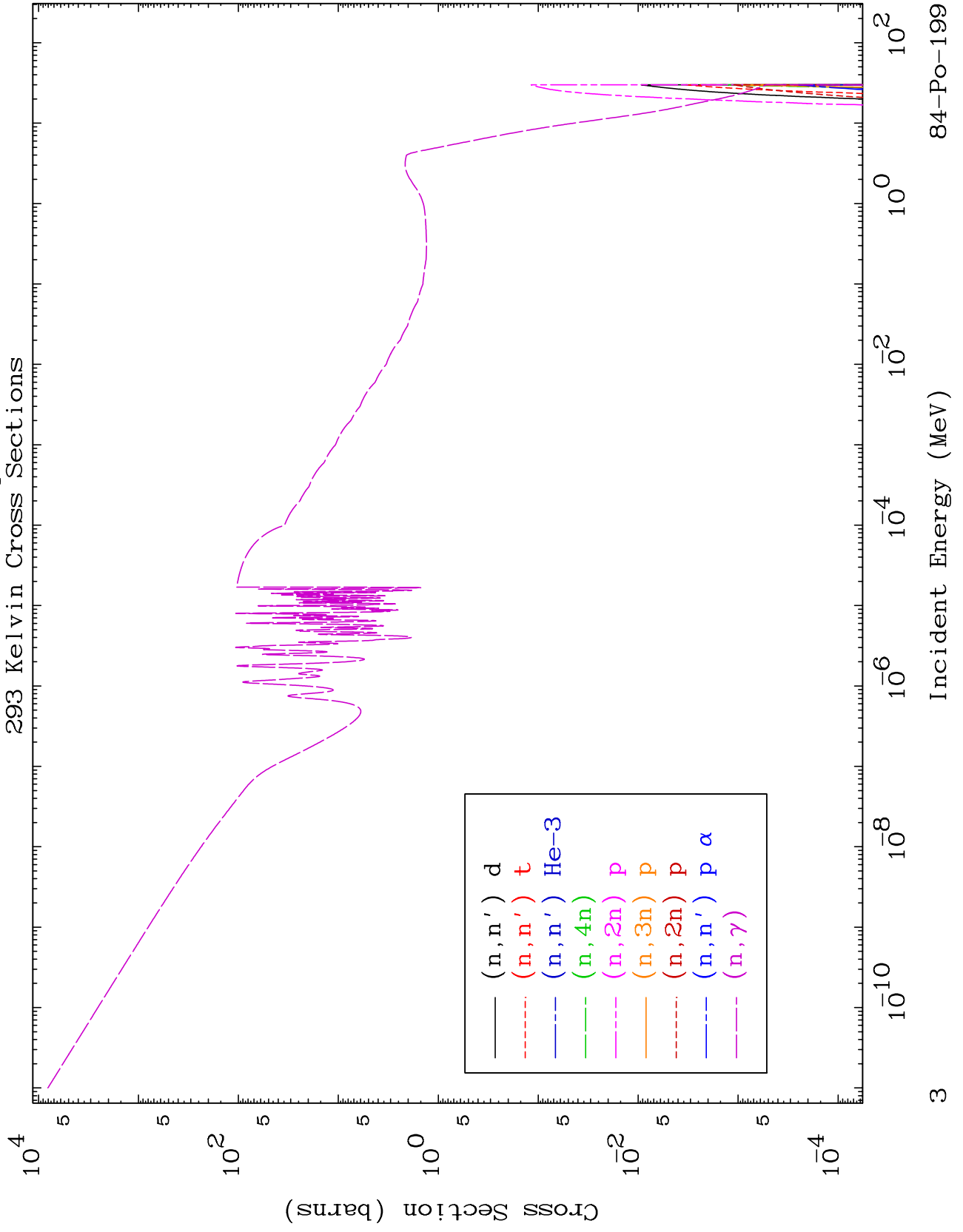
84-Po-199



MAT 8404

Neutron Absorption  
293 Kelvin Cross Sections

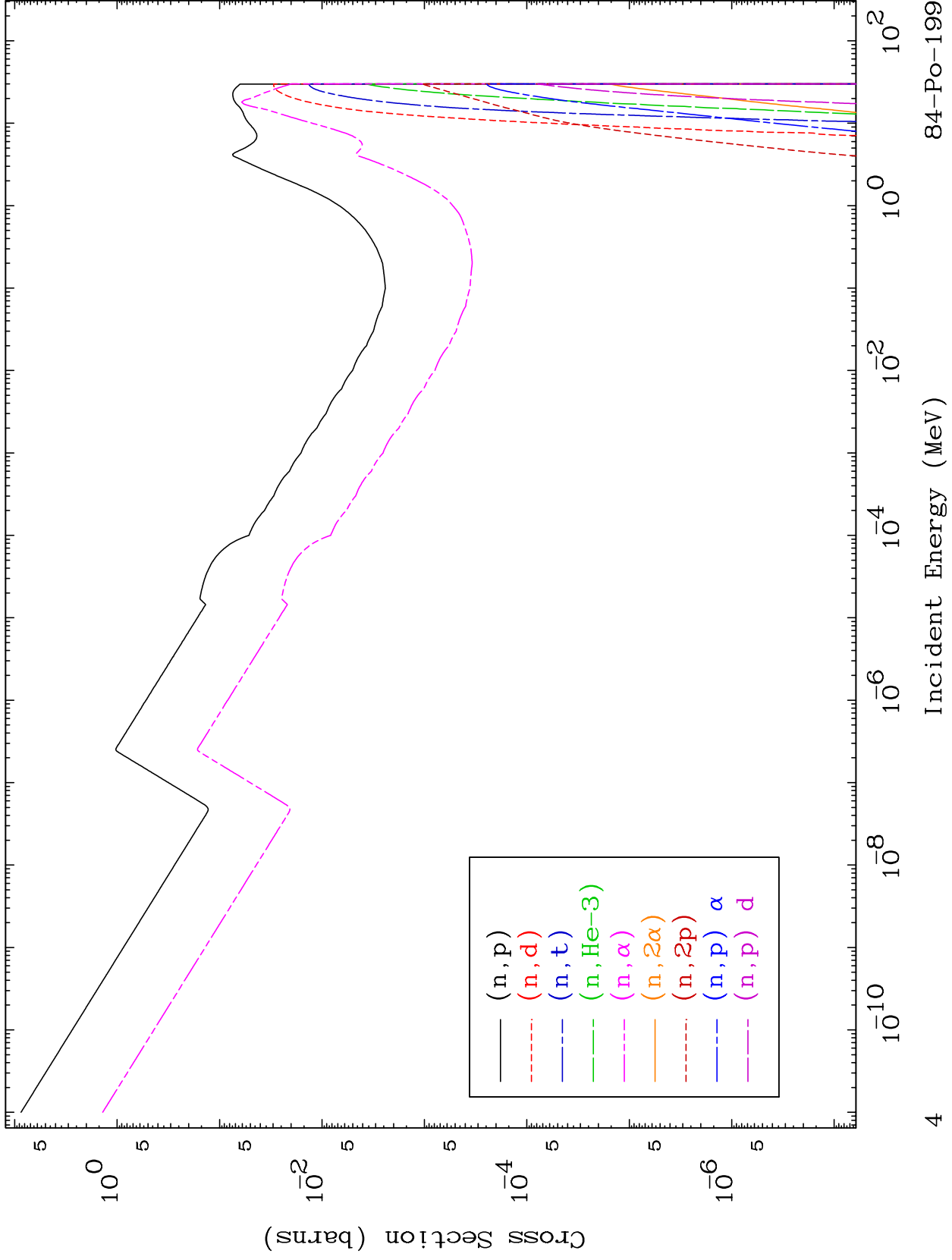
84-Po-199

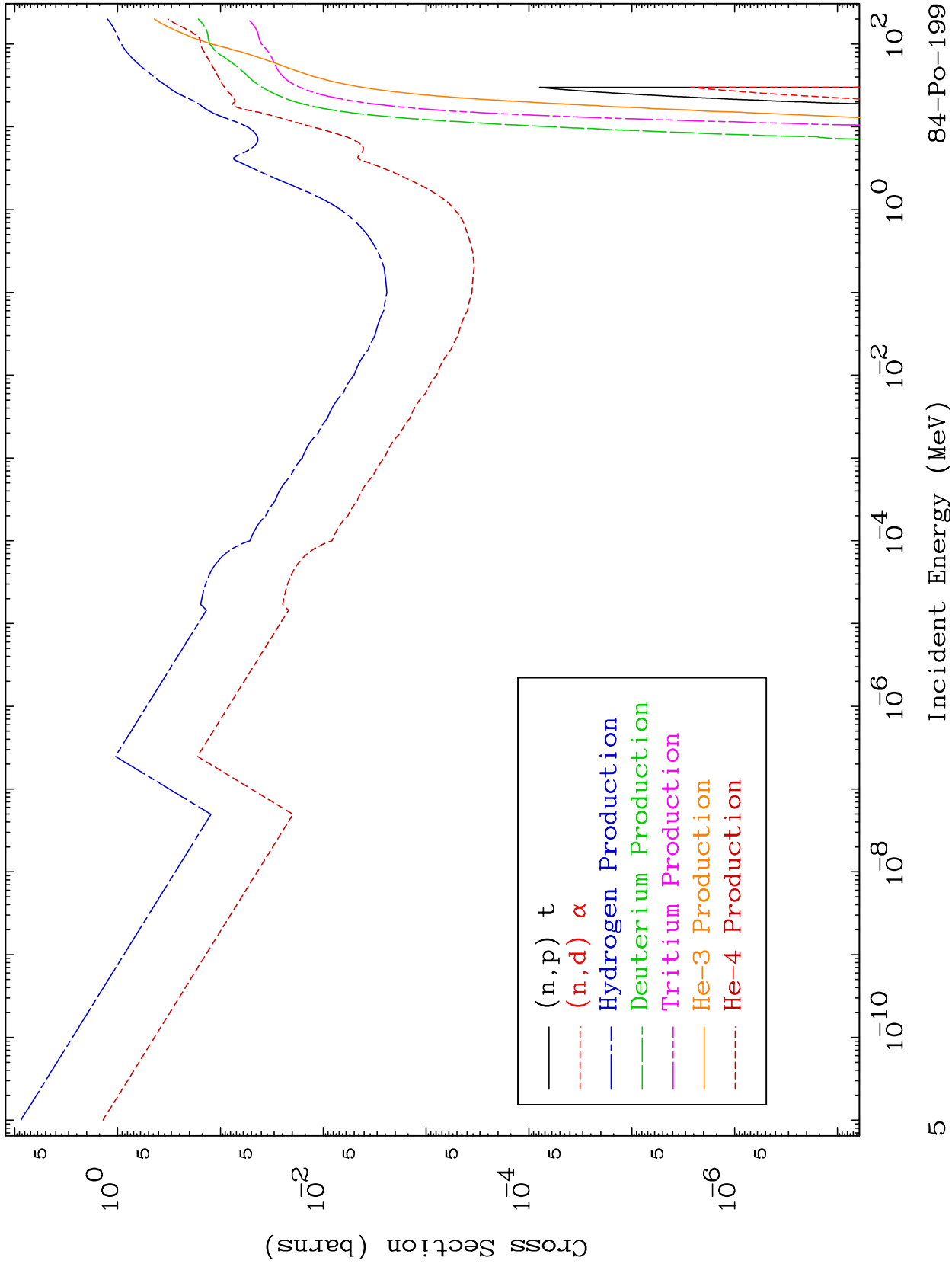


MAT 8404

Neutron Absorption  
293 Kelvin Cross Sections

84-Po-199

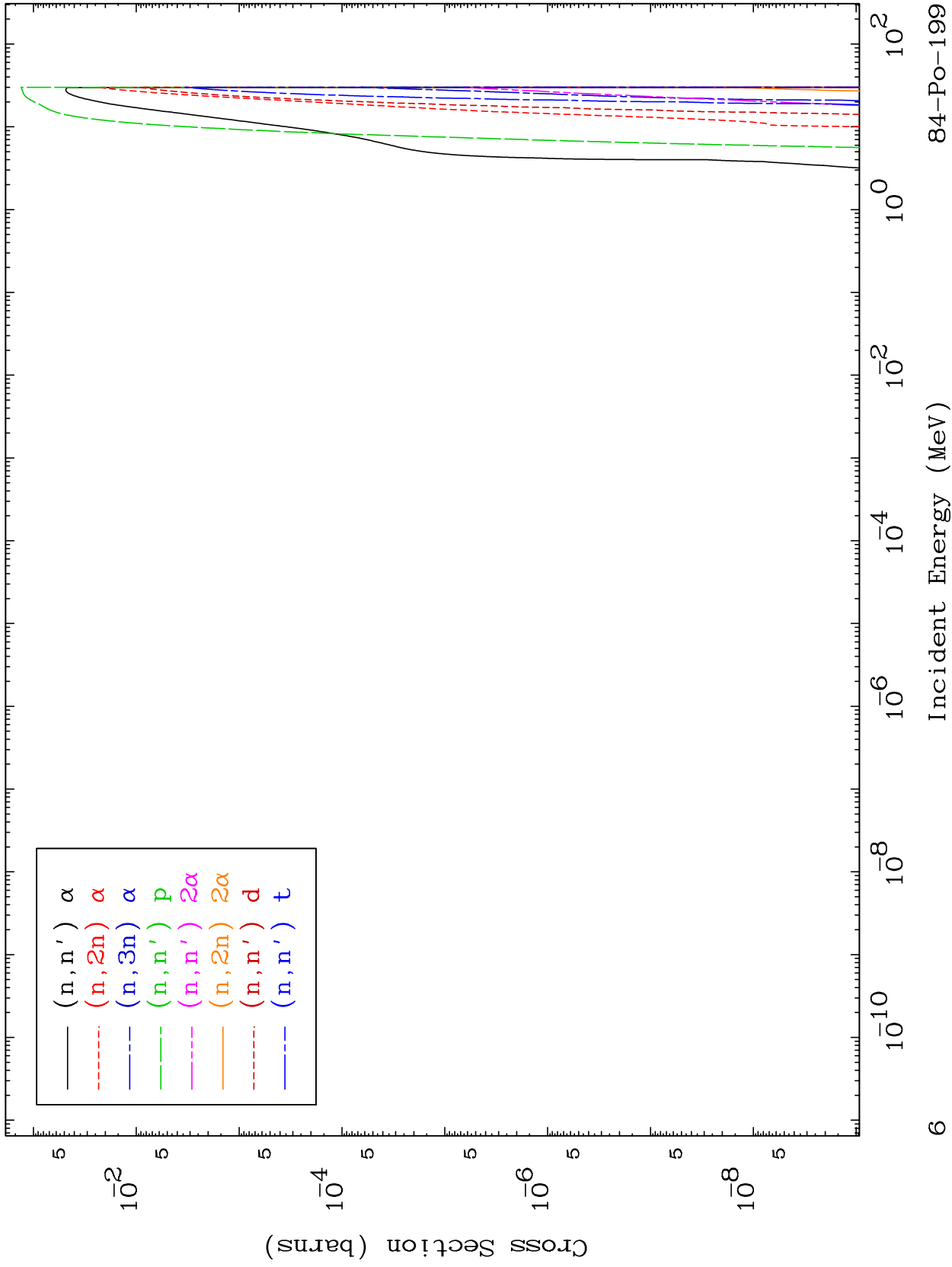




MAT 8404

Charged Particle  
293 Kelvin Cross Sections

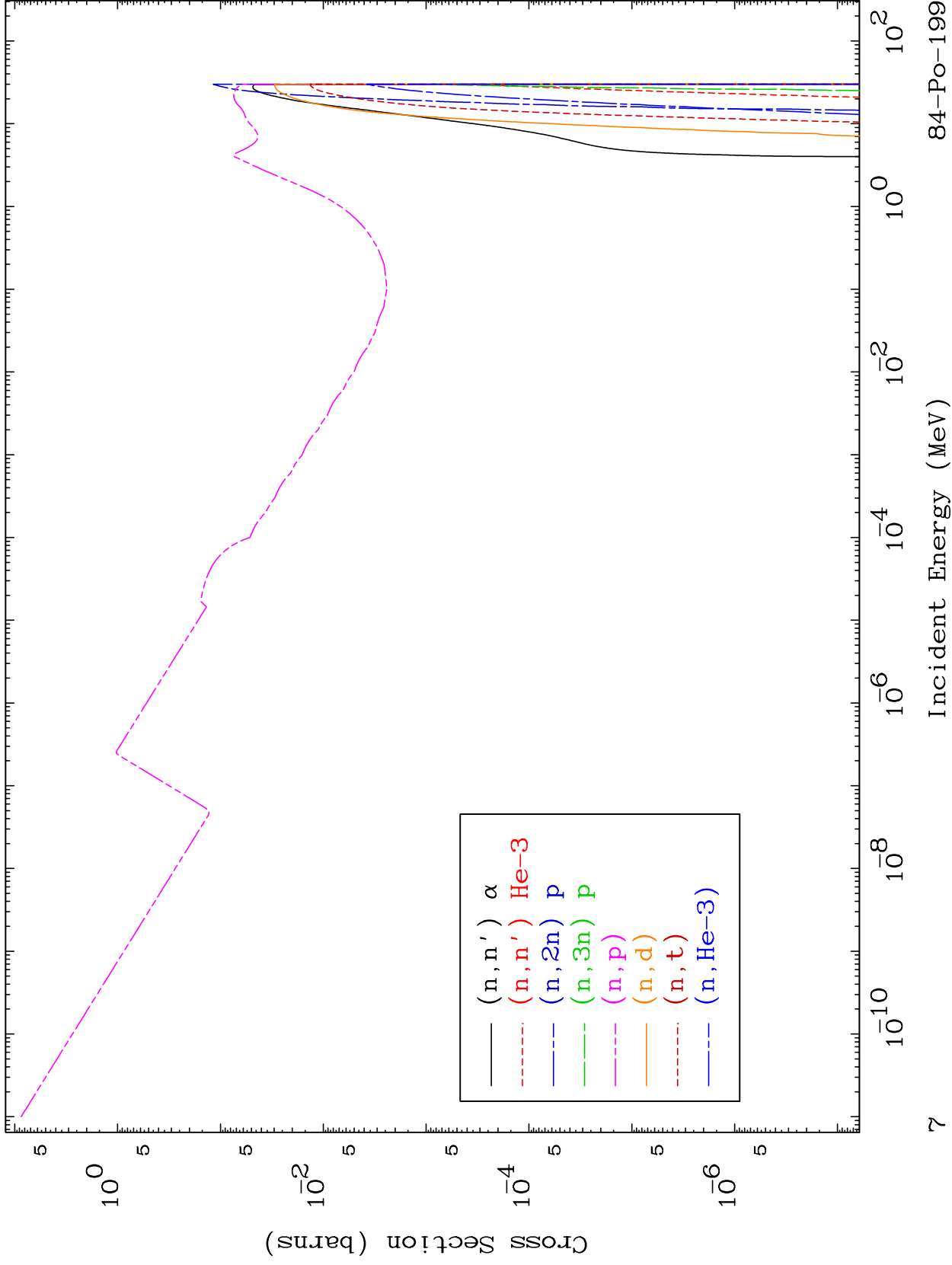
84-Po-199



MAT 8404

Charged Particle  
293 Kelvin Cross Sections

84-Po-199

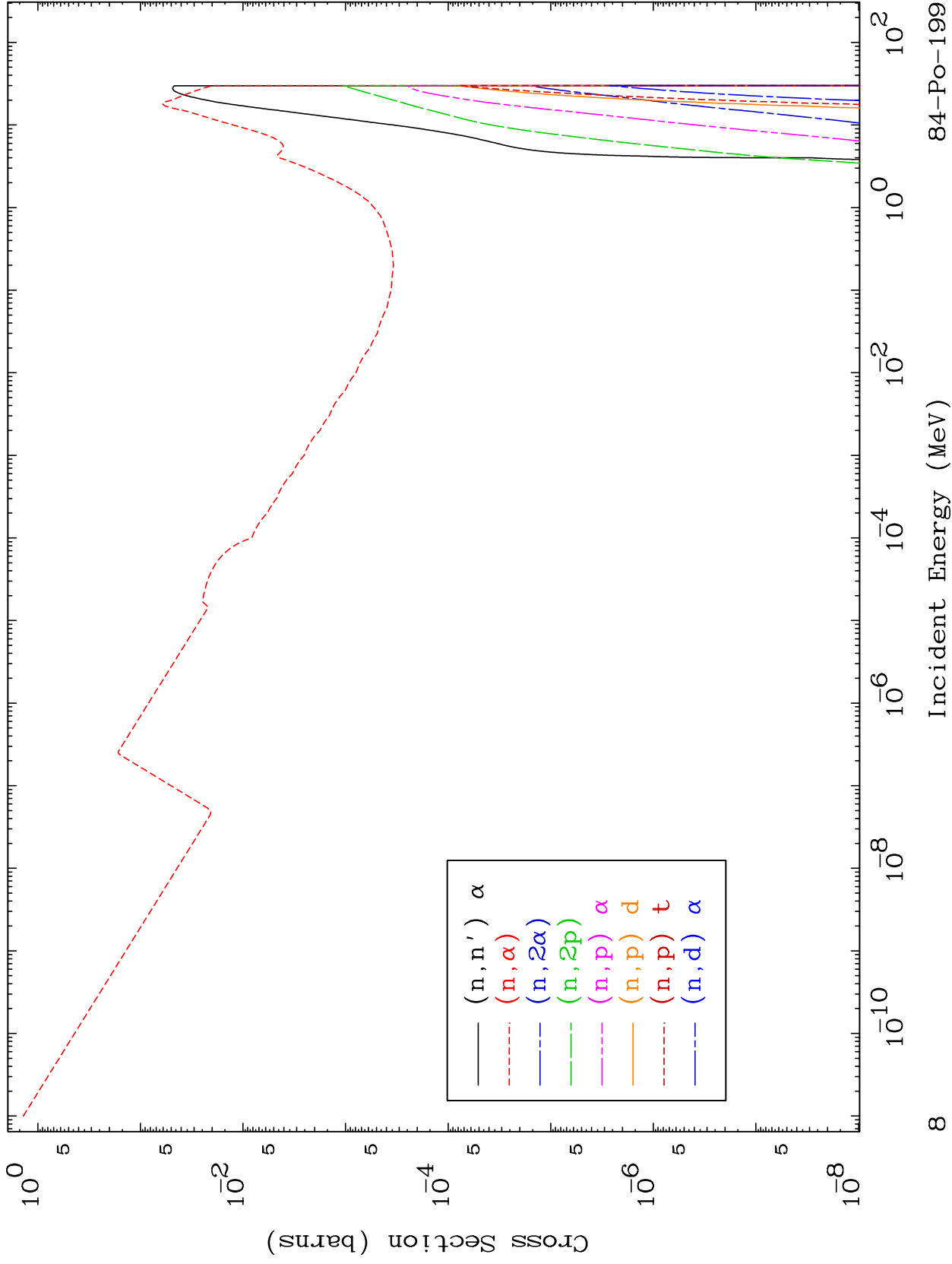




MAT 8404

Charged Particle  
293 Kelvin Cross Sections

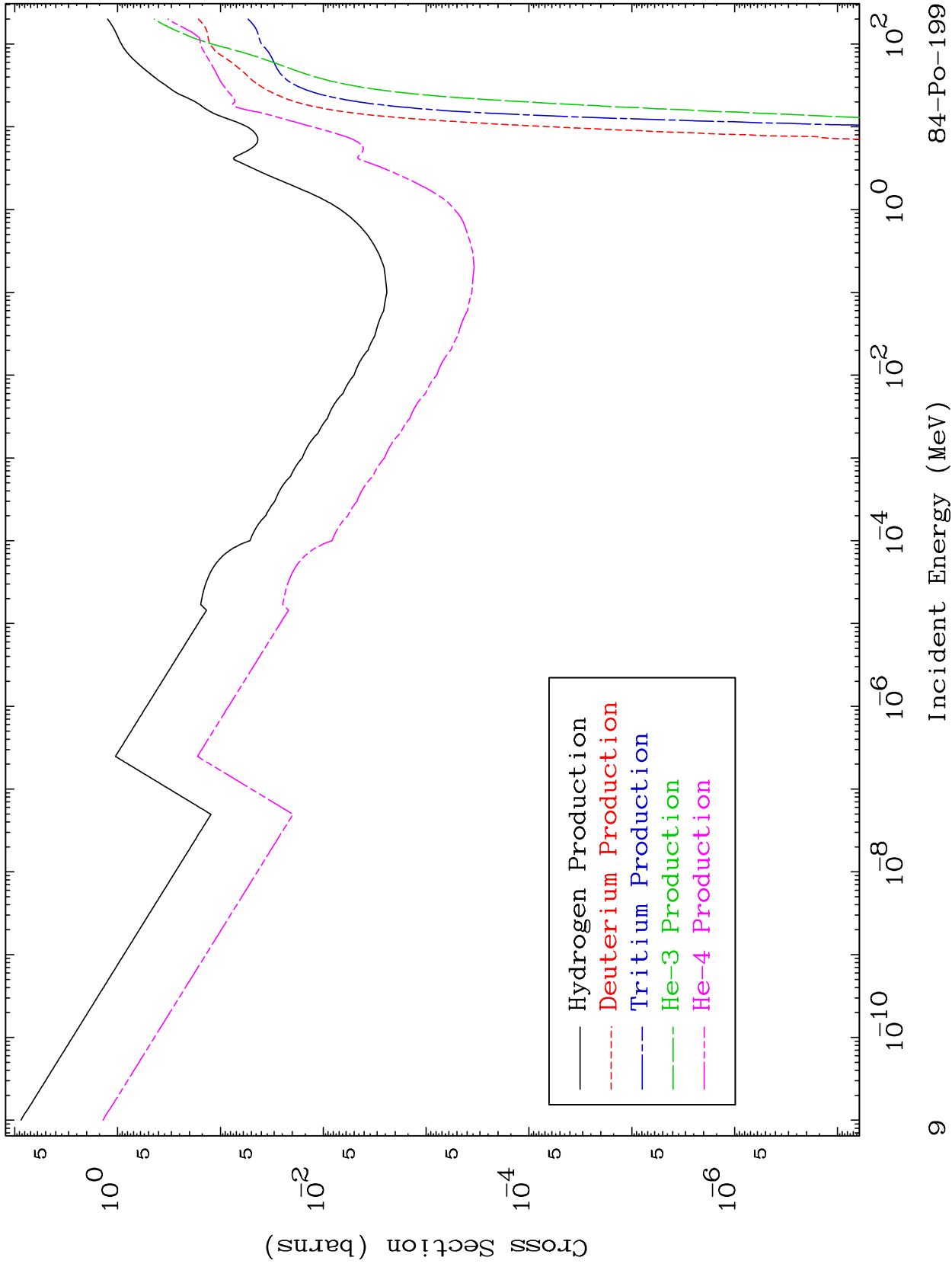
84-Po-199



MAT 8404

Particle Production  
293 Kelvin Cross Sections

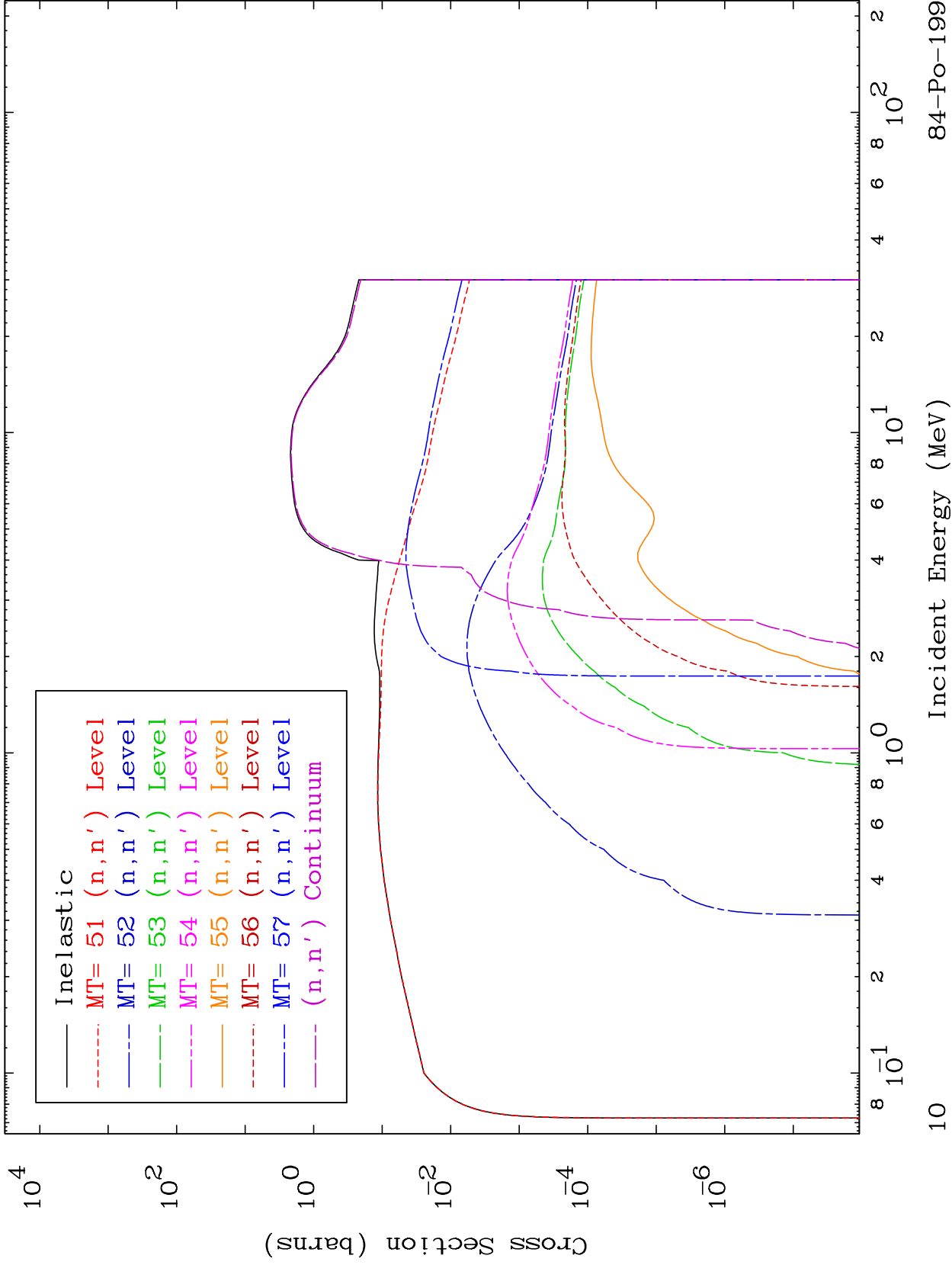
84-Po-199



MAT 8404

(n,n') Levels  
293 Kelvin Cross Sections

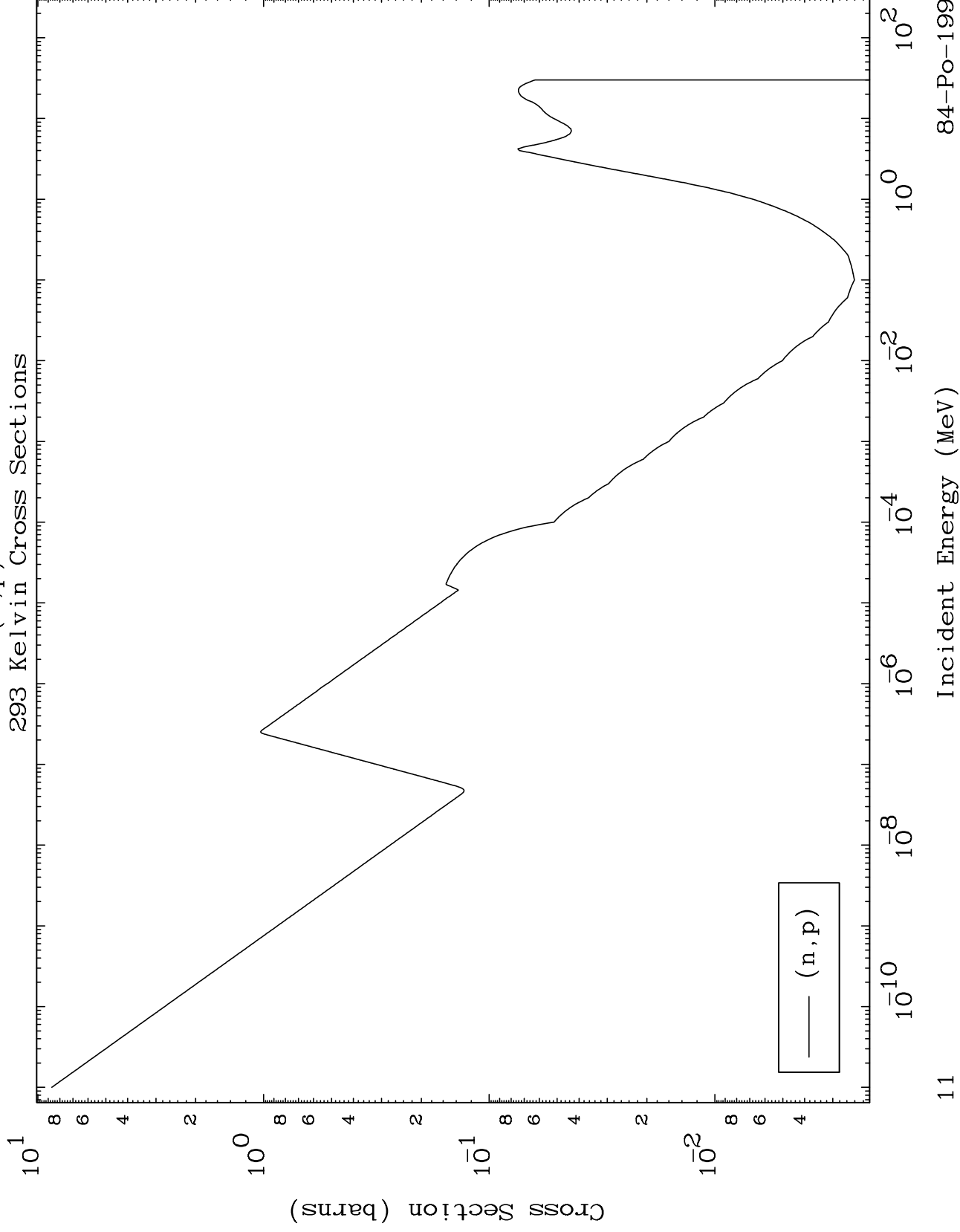
84-Po-199



MAT 8404

(n,p) Levels  
293 Kelvin Cross Sections

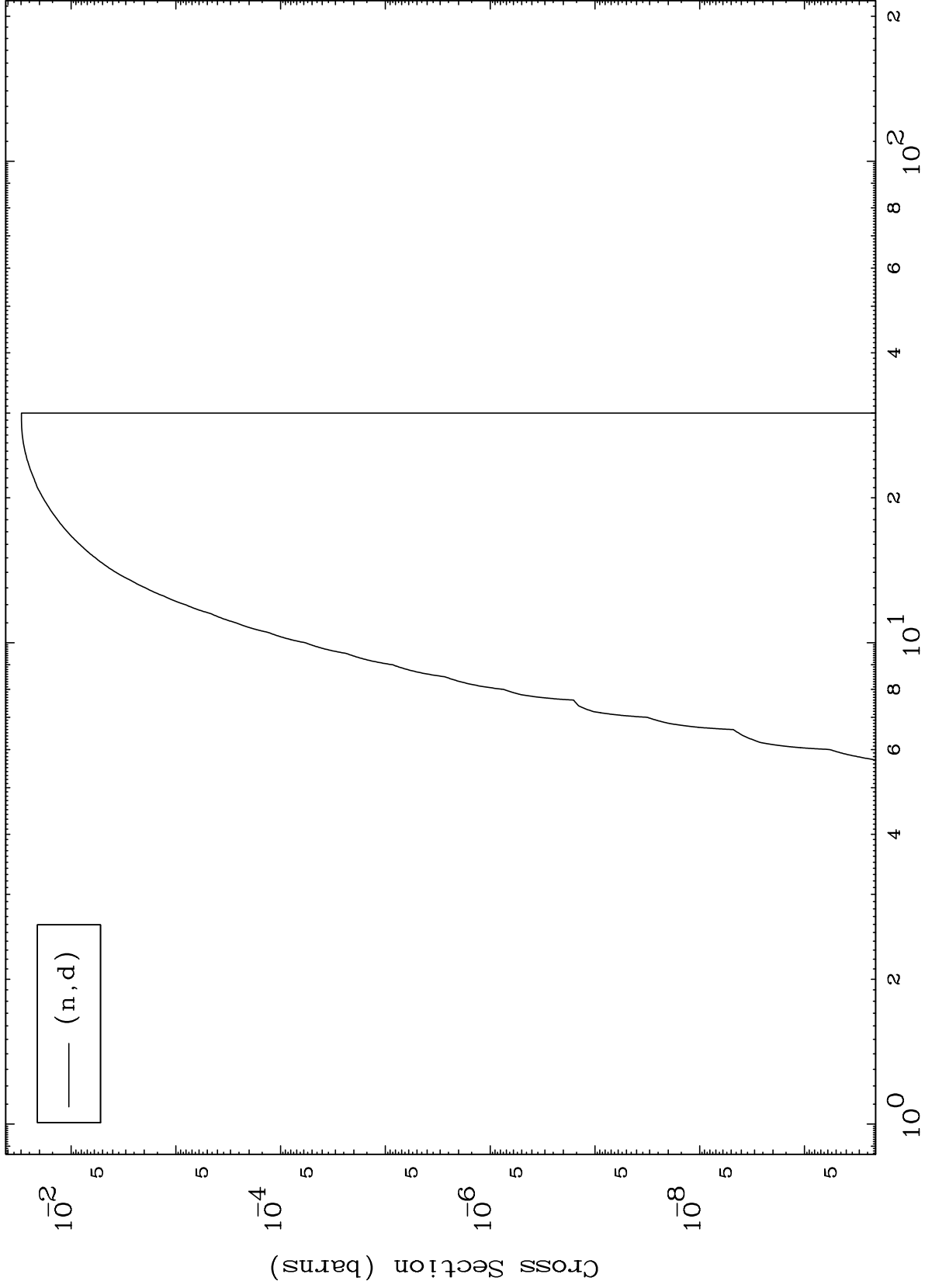
84-Po-199



MAT 8404

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-199



12

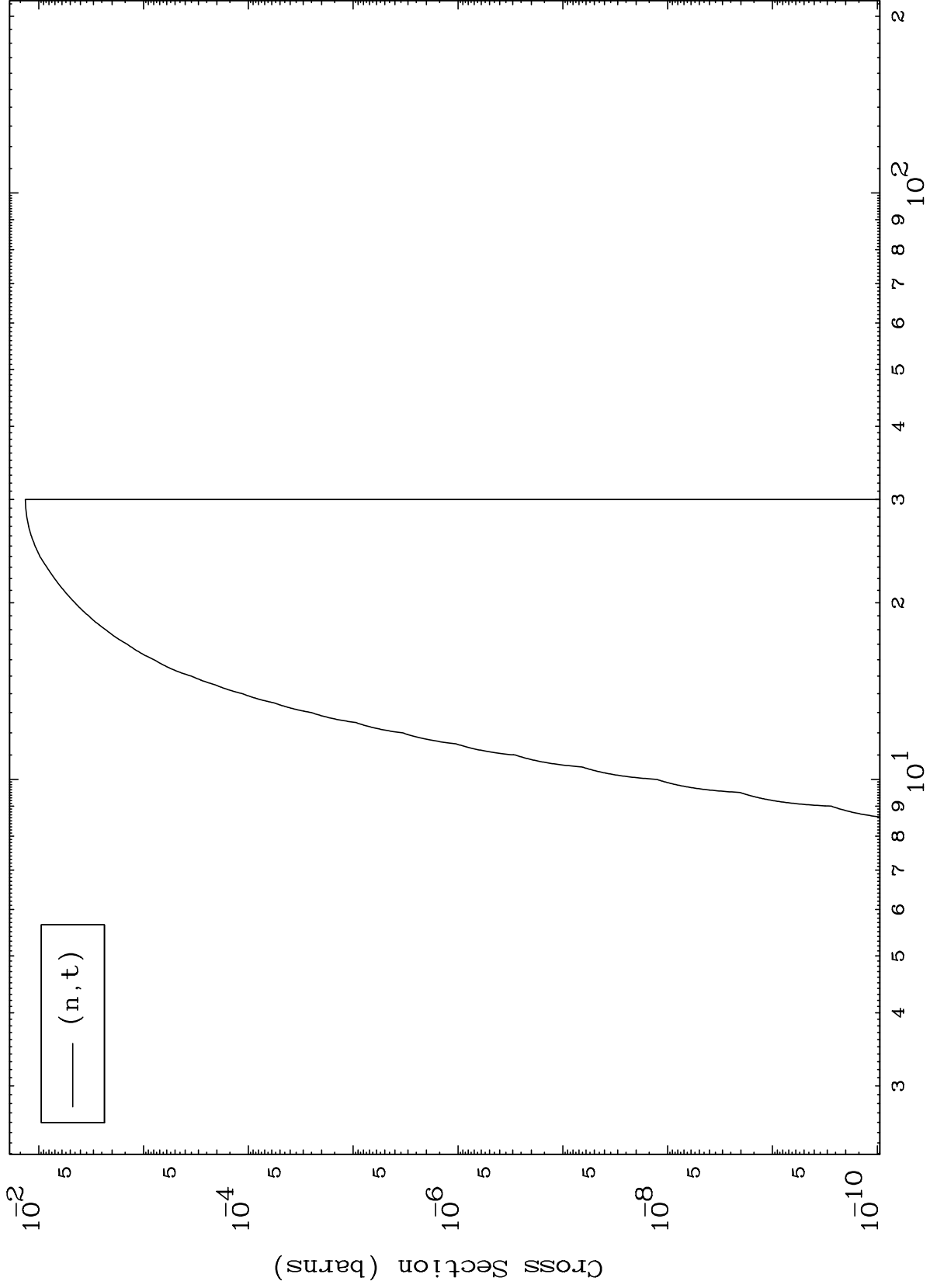
Incident Energy (MeV)

84-Po-199

MAT 8404

(n,t) Levels  
293 Kelvin Cross Sections

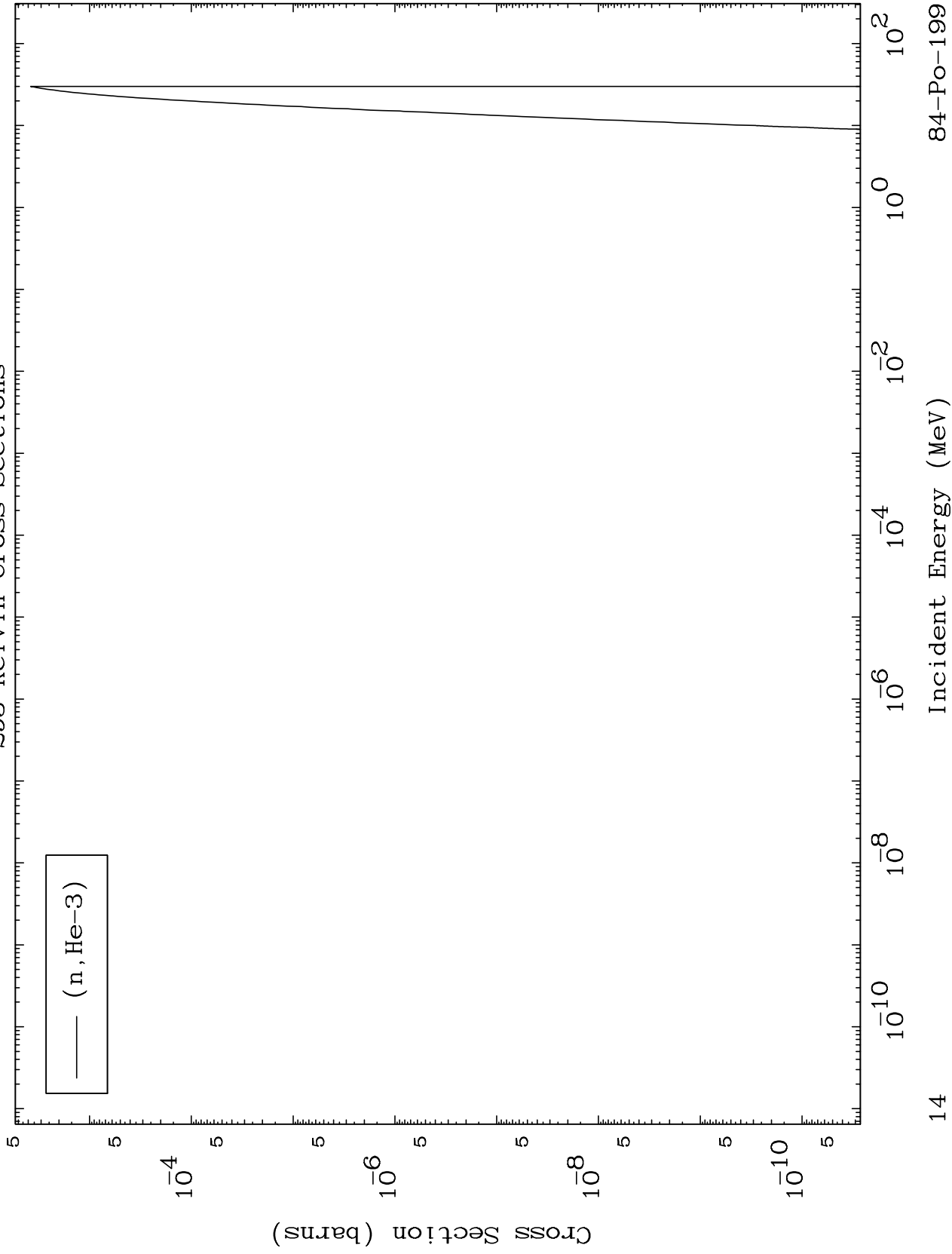
84-Po-199



MAT 8404

(n,He3) Levels  
293 Kelvin Cross Sections

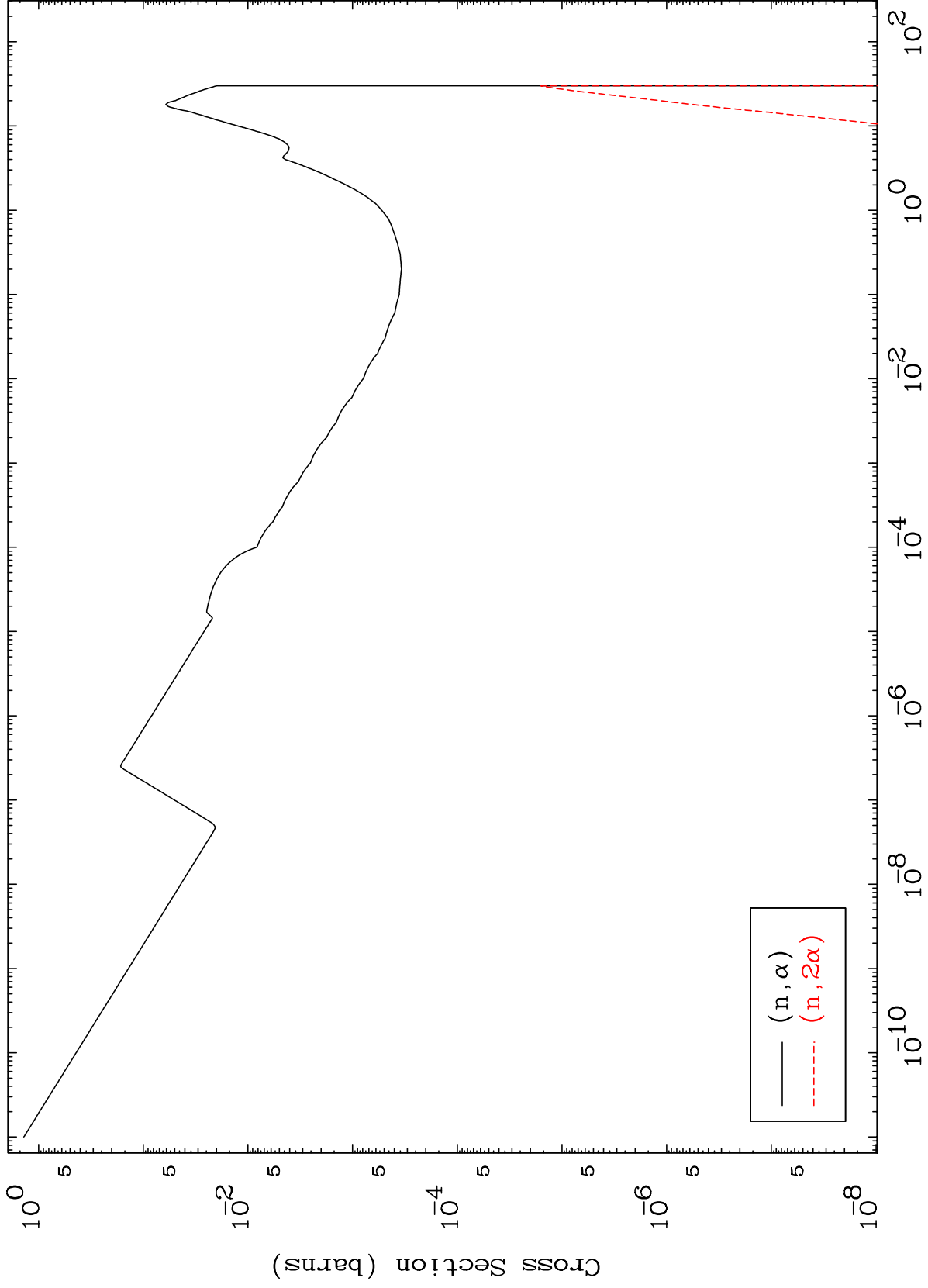
84-Po-199



MAT 8404

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

84-Po-199



15

Incident Energy (MeV)

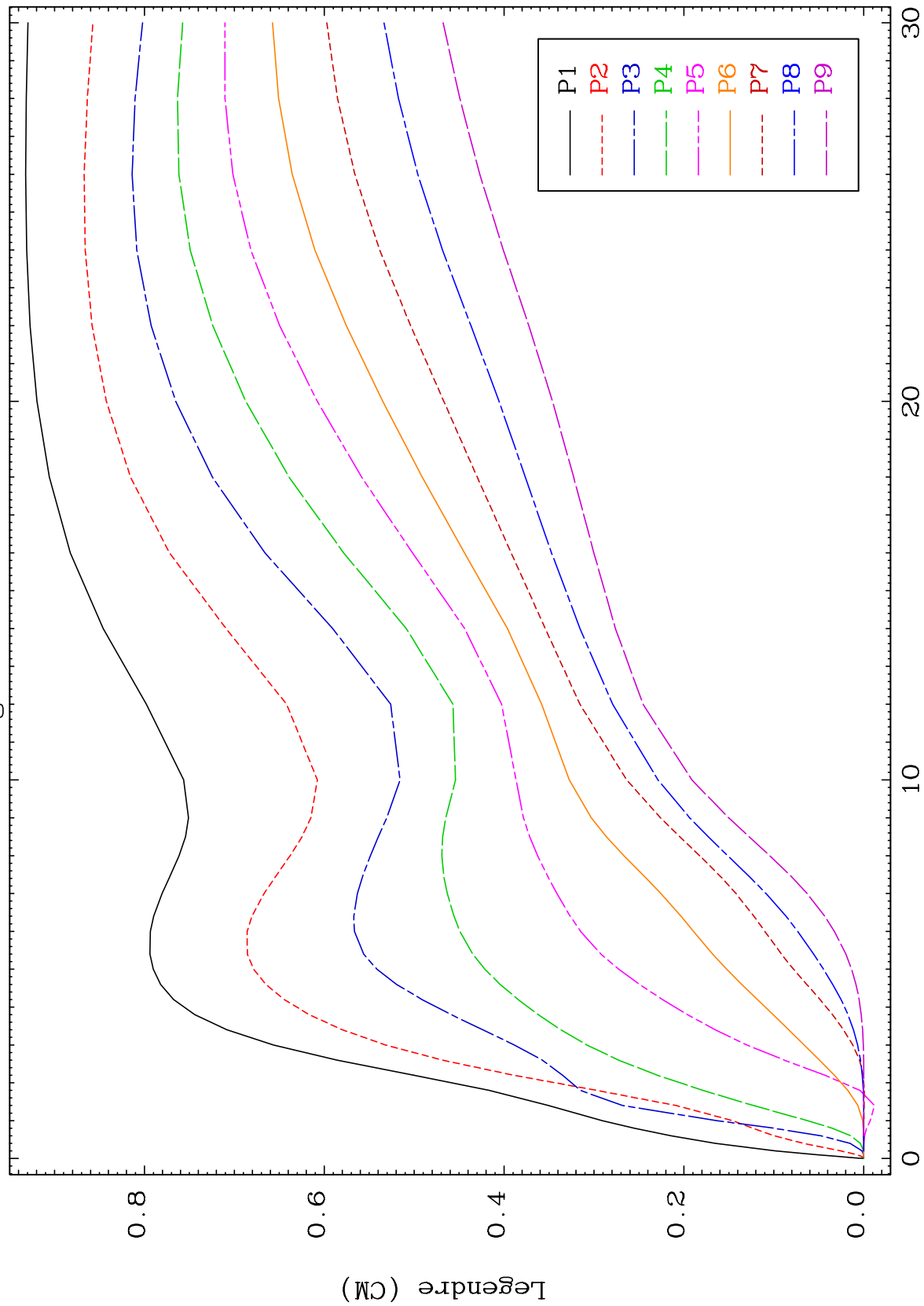
84-Po-199



MAT 8404

Elastic Legendre Coefficients

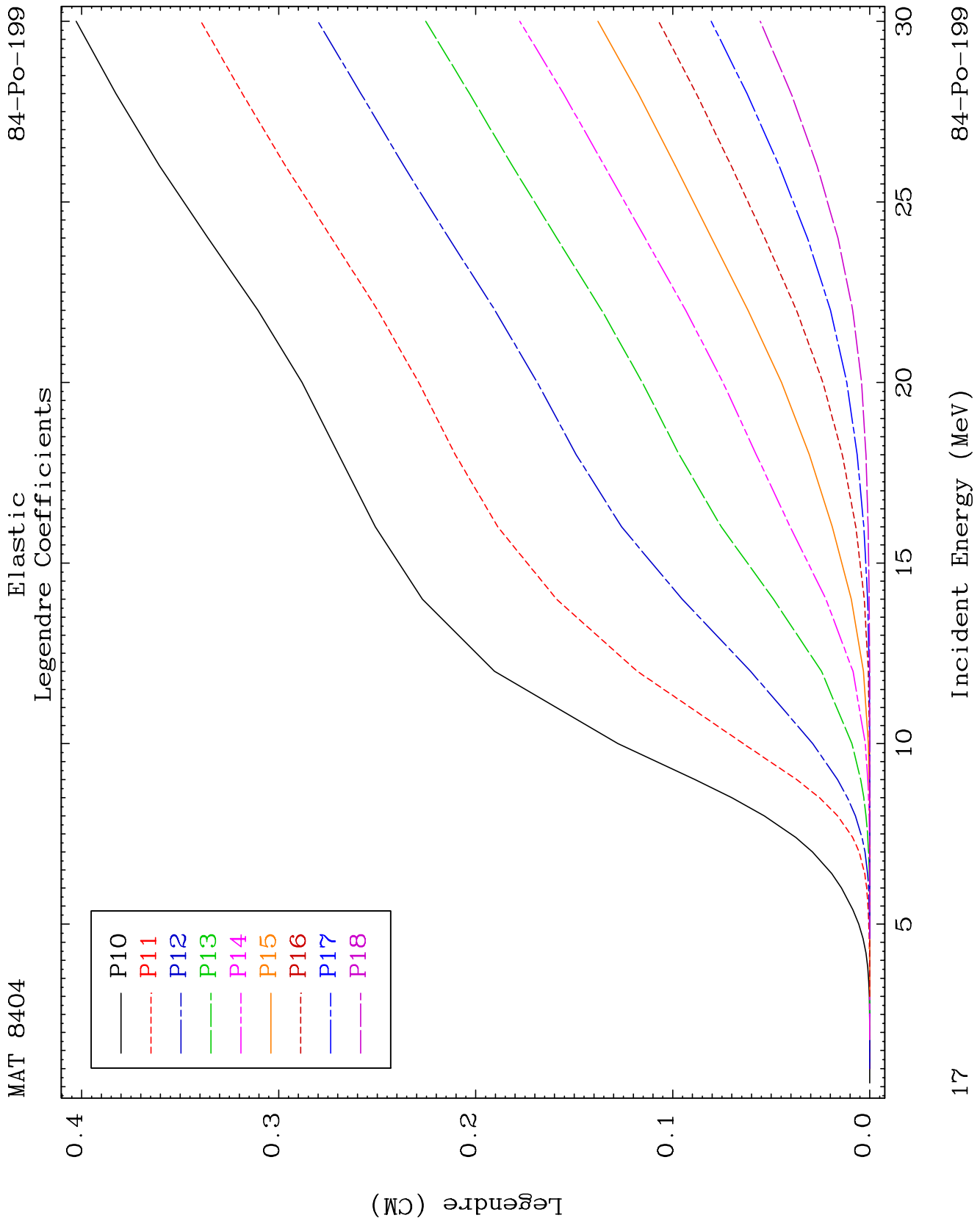
84-Po-199



16

Incident Energy (MeV)

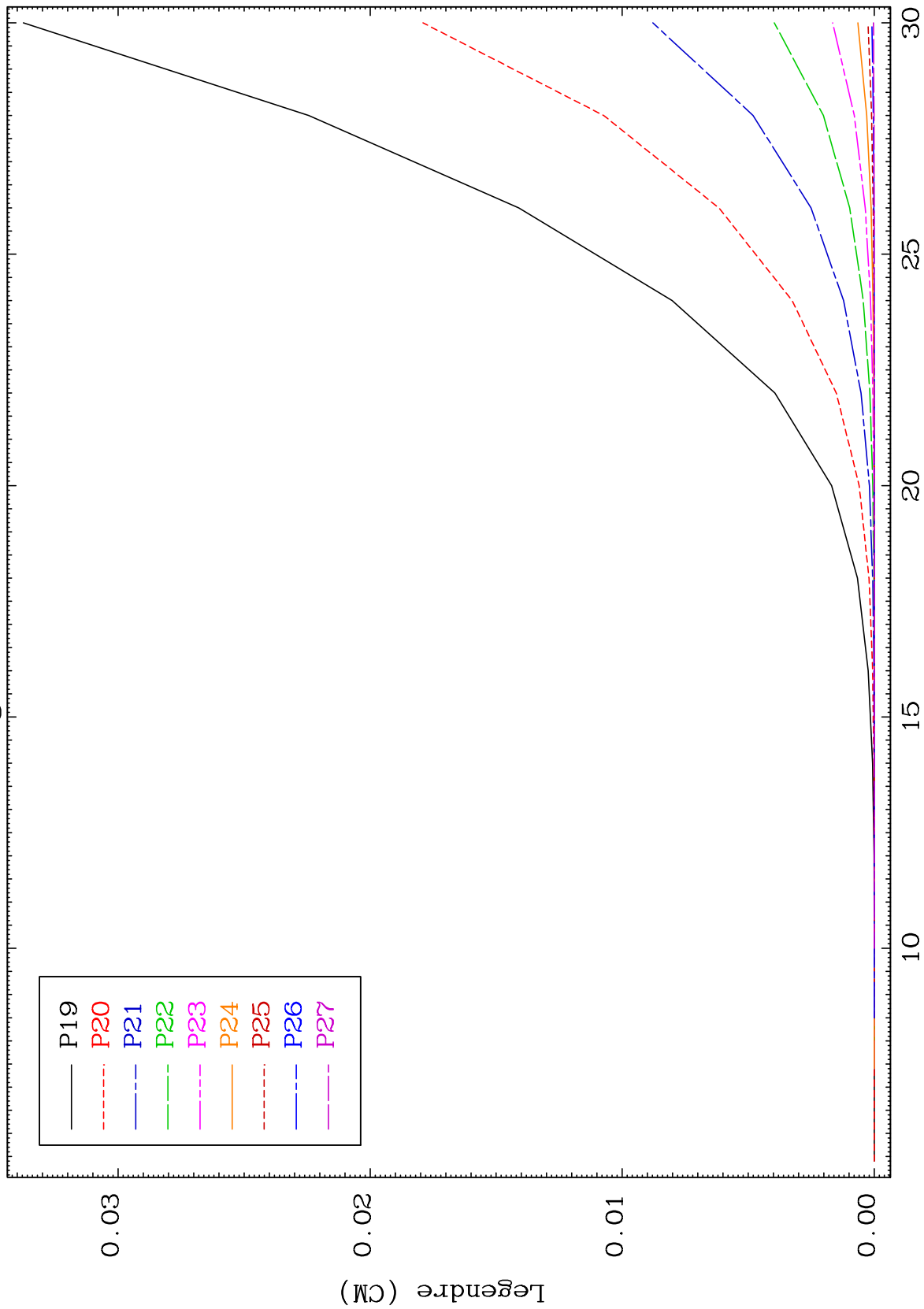
84-Po-199



MAT 8404

Elastic Legendre Coefficients

84-Po-199



18

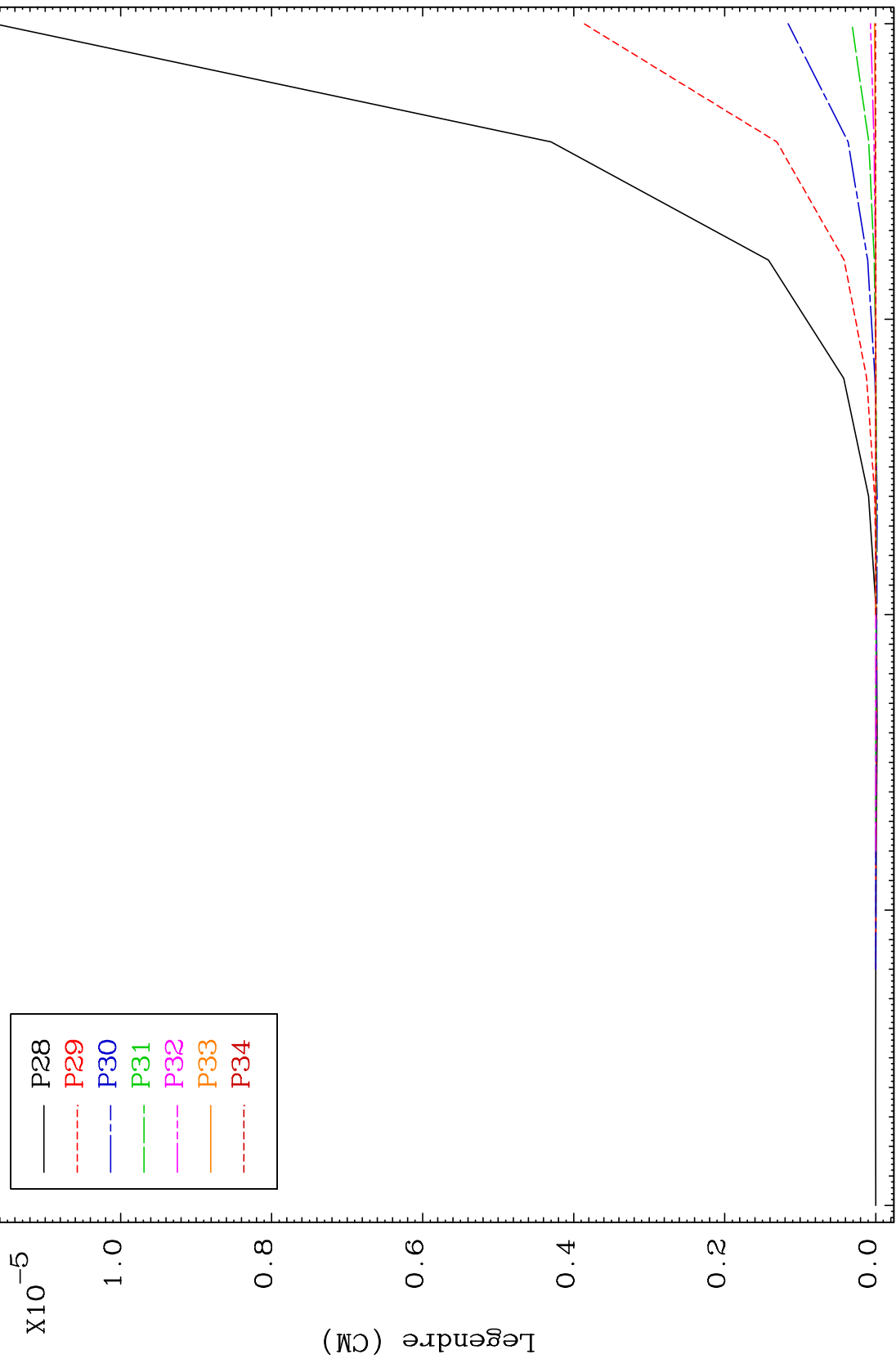
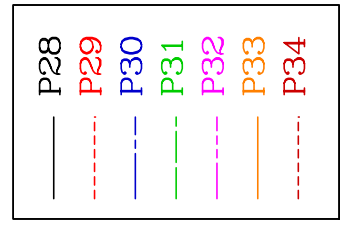
Incident Energy (MeV)

84-Po-199

MAT 8404

Elastic Legendre Coefficients

84-Po-199



84-Po-199

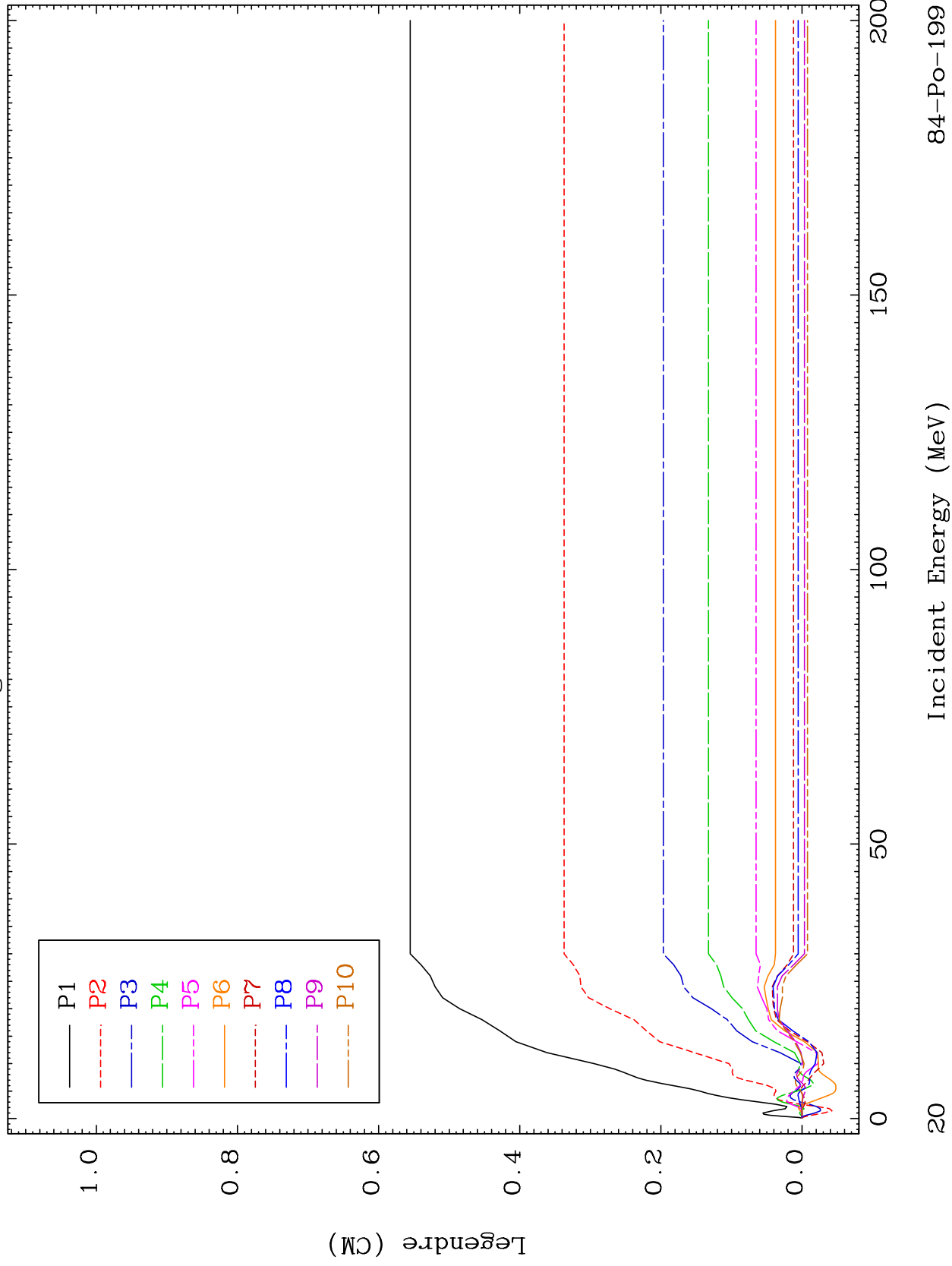
Incident Energy (MeV)

19

MAT 8404

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

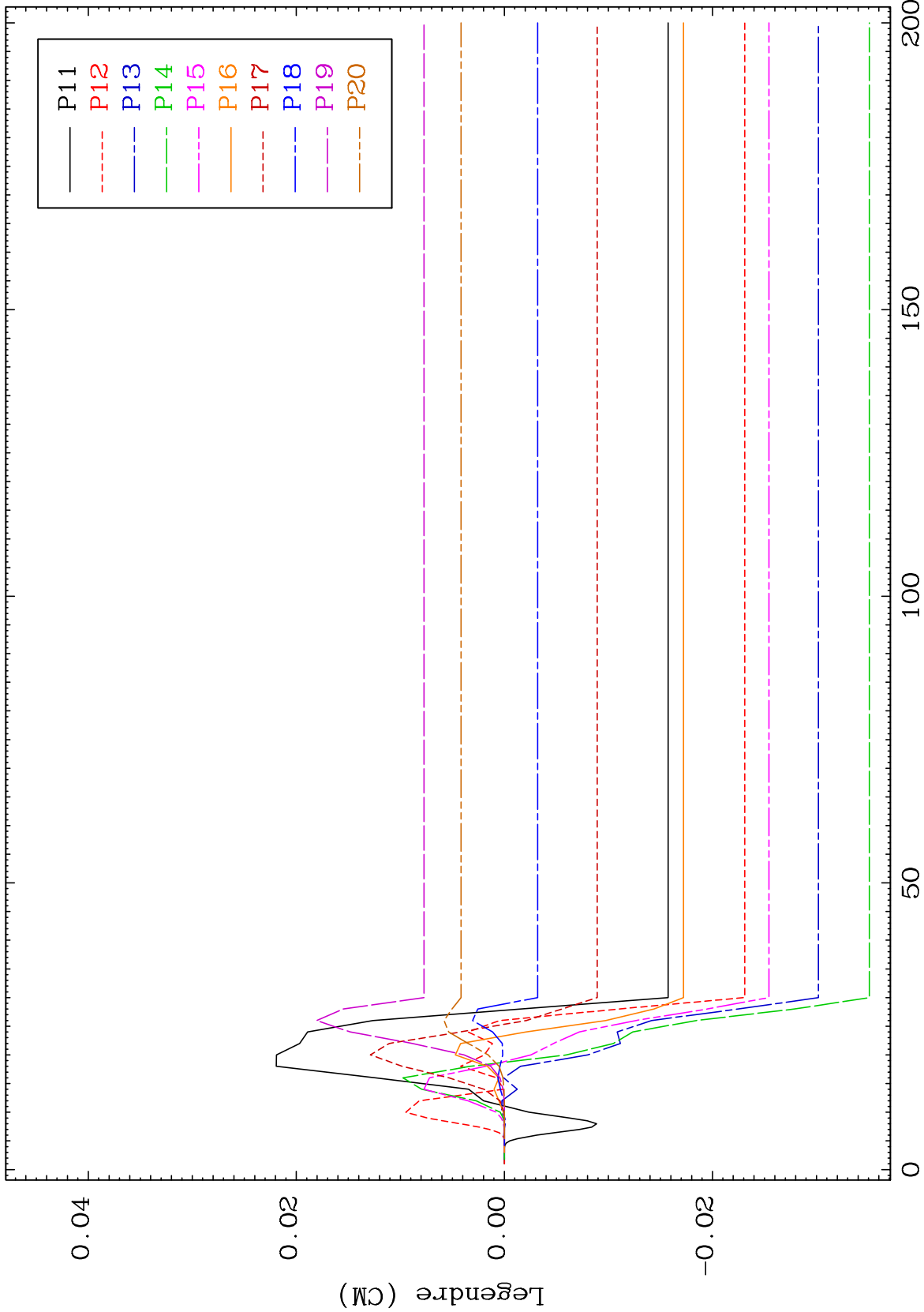
84-Po-199

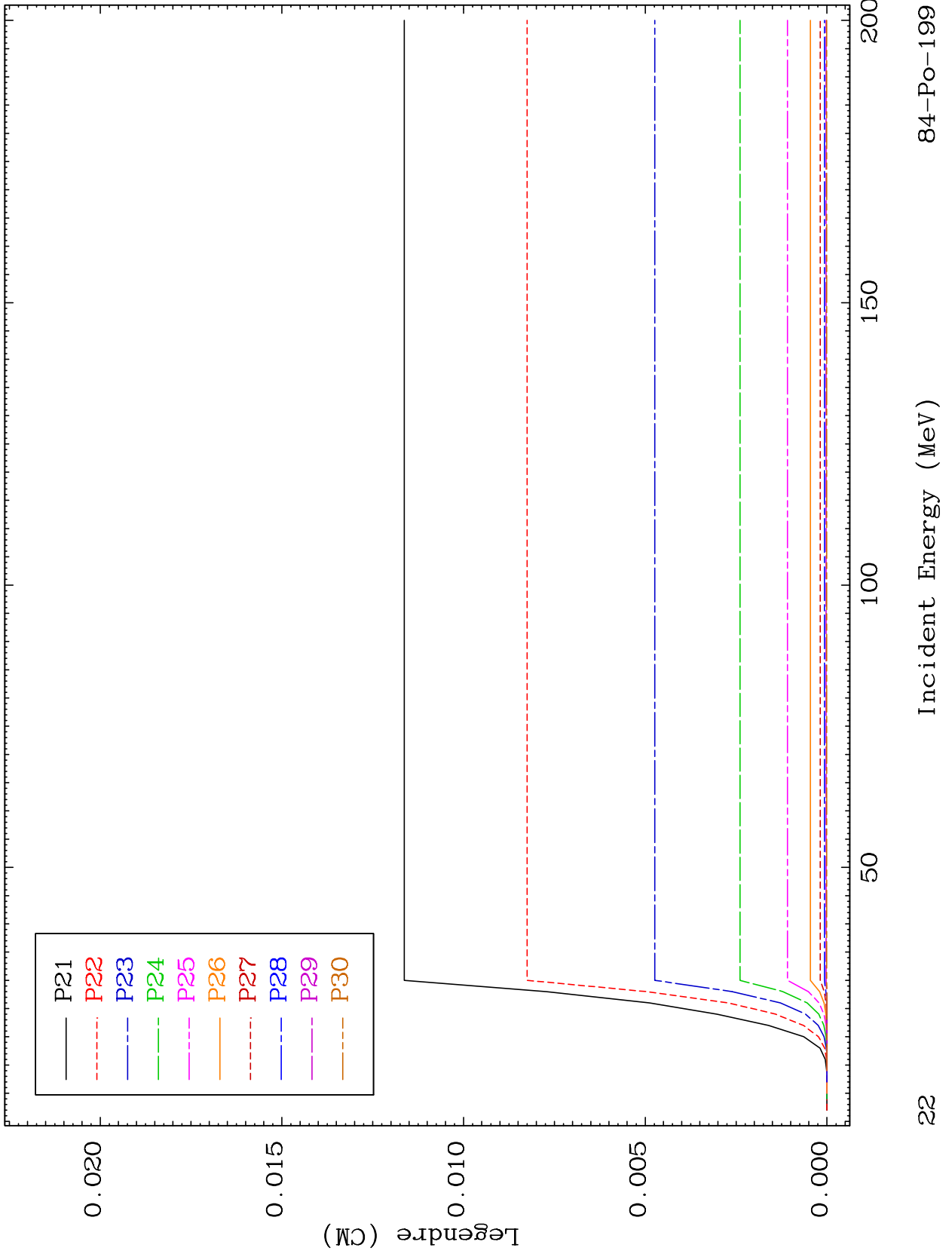


MAT 8404

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

84-Po-199

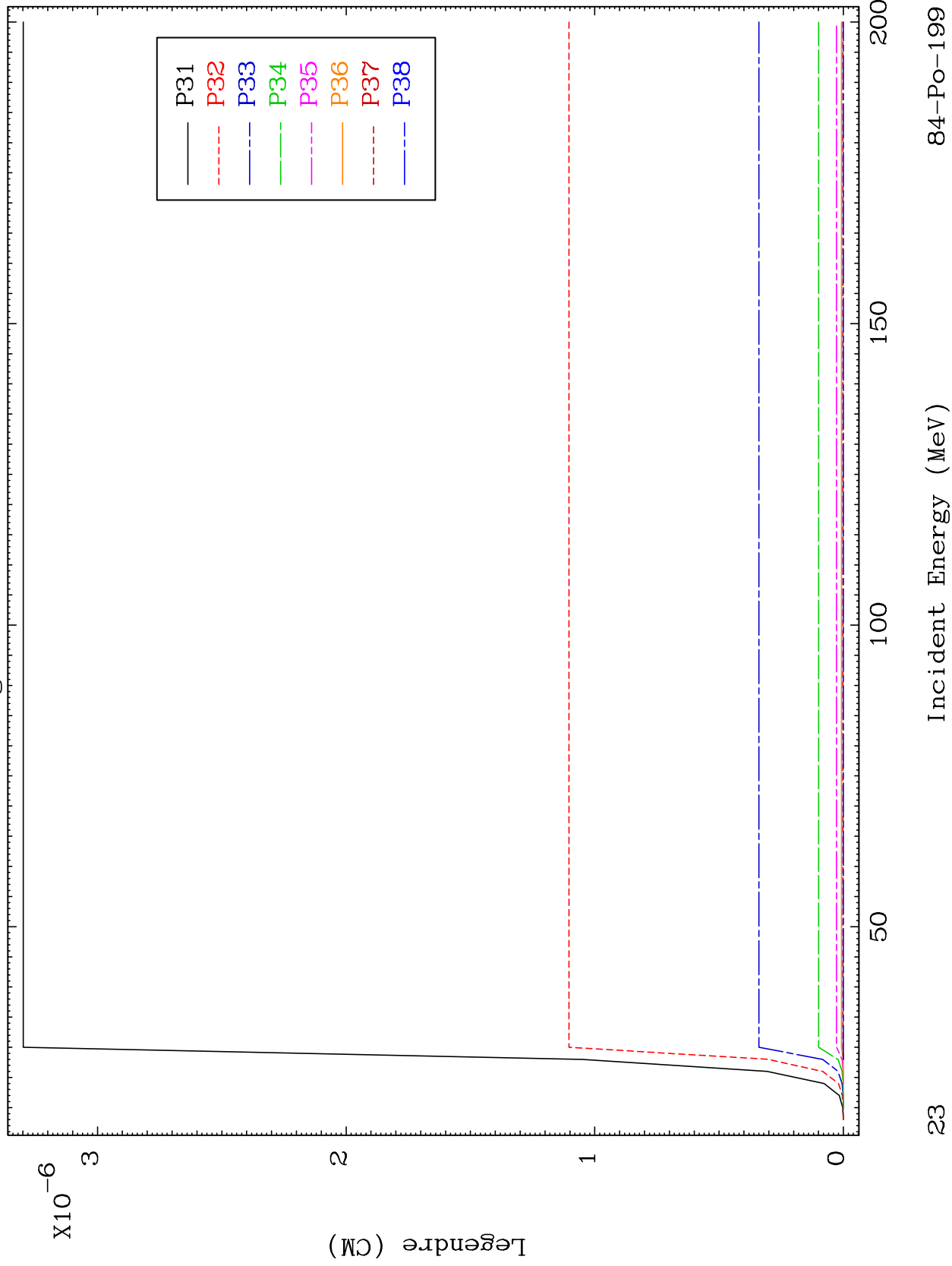




MAT 8404

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

84-Po-199



23

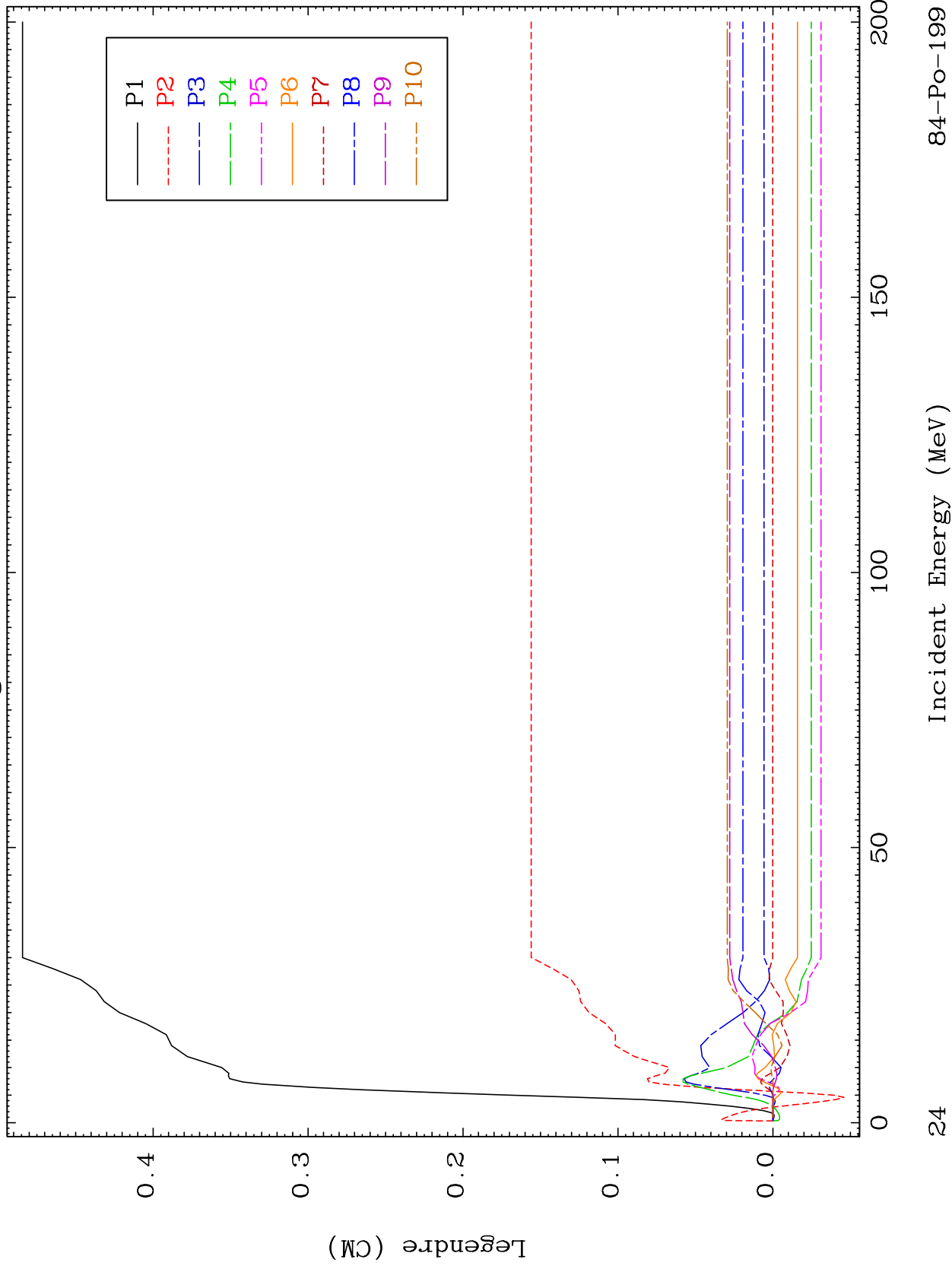
84-Po-199



MAT 8404

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

84-Po-199



84-Po-199

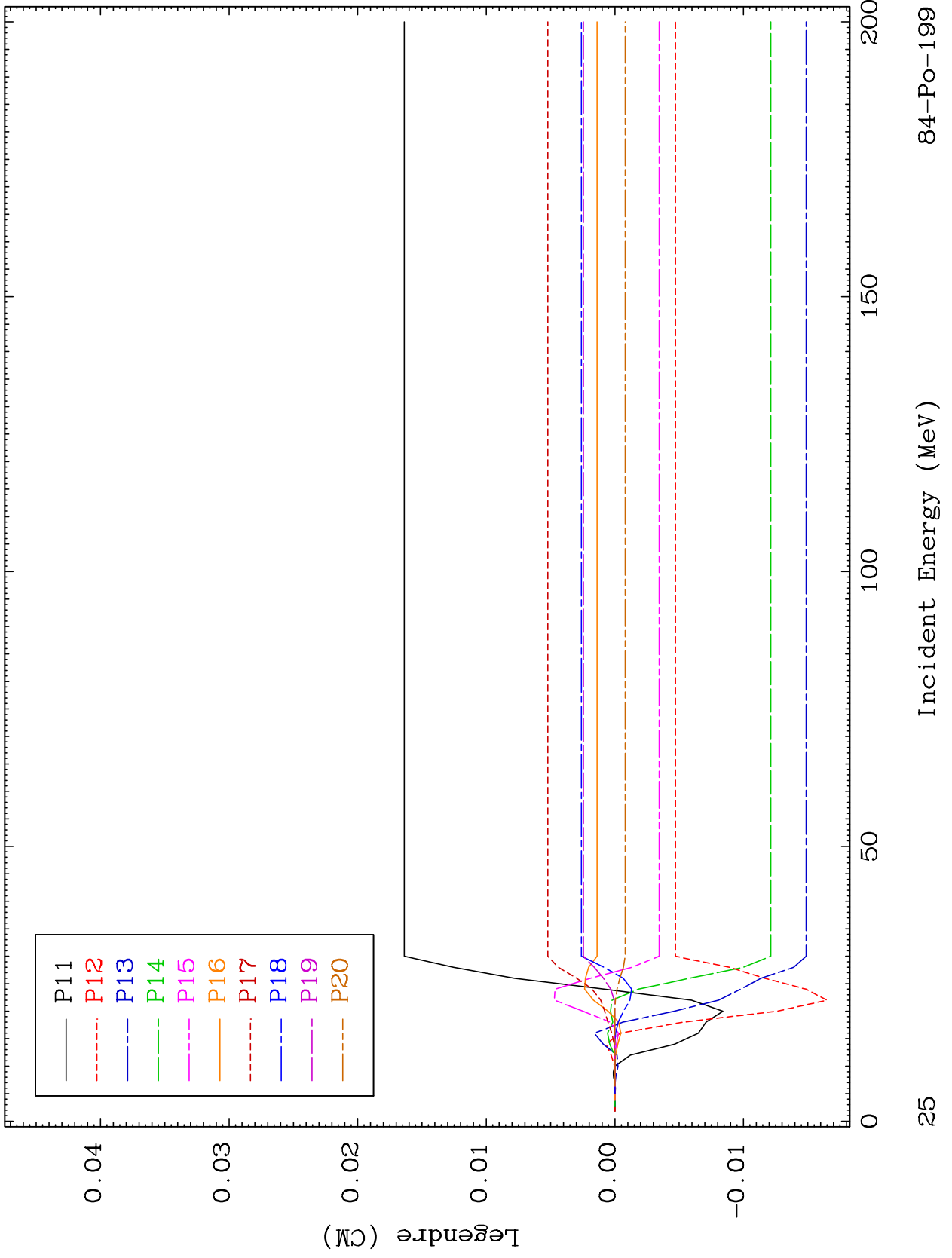
Incident Energy (MeV)

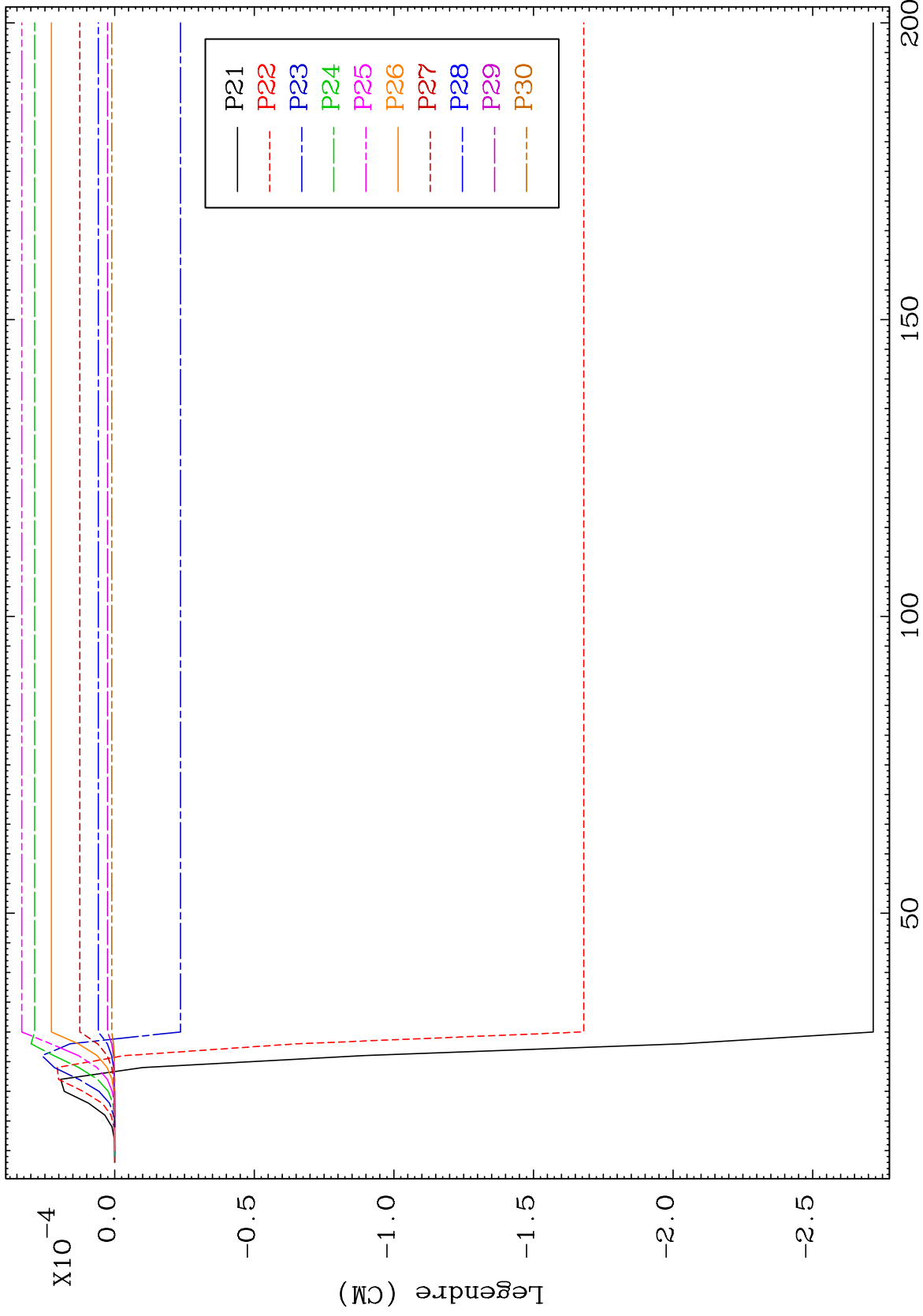
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MAT 8404

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

84-Po-199

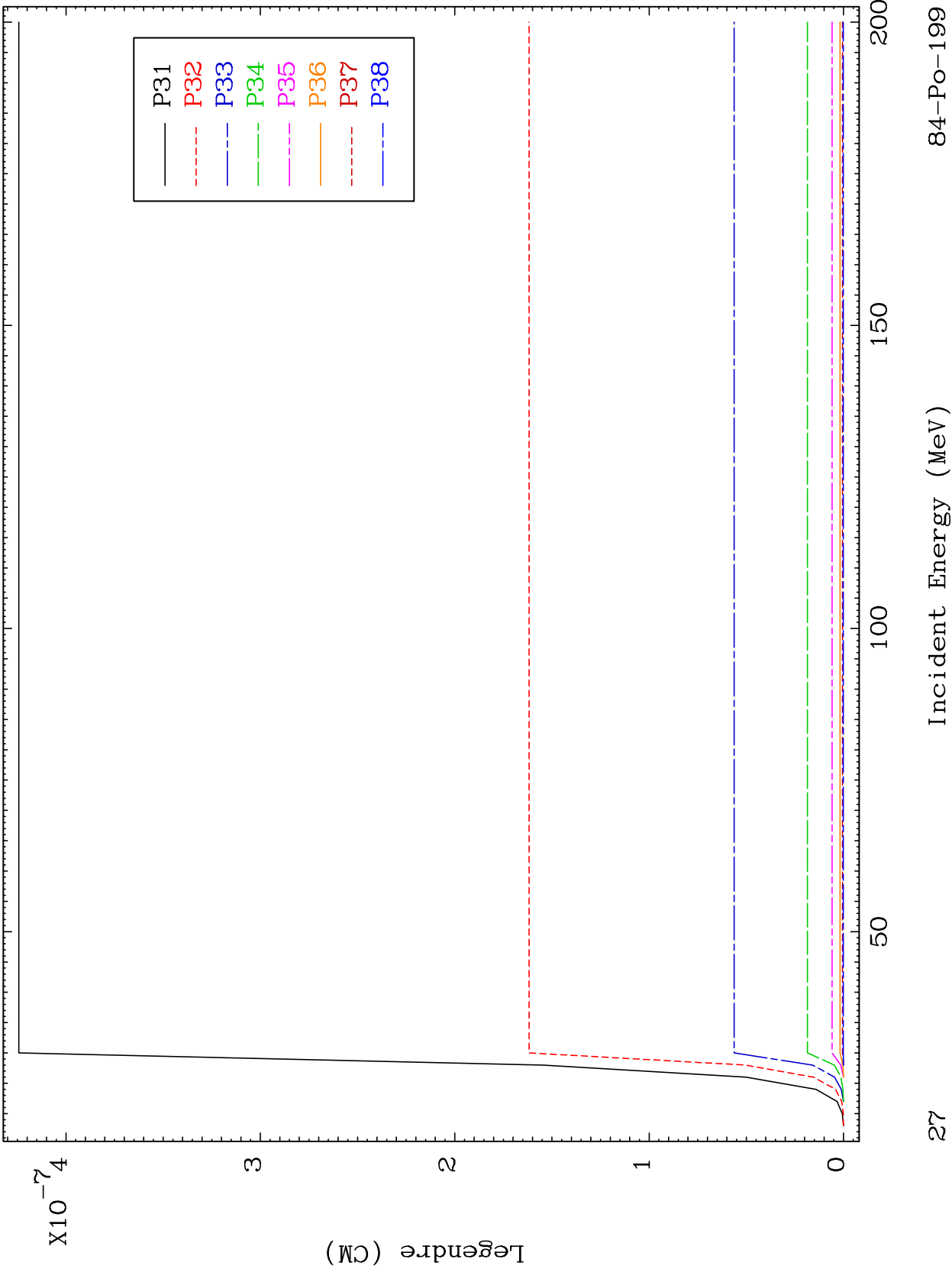




MAT 8404

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

84-Po-199



27

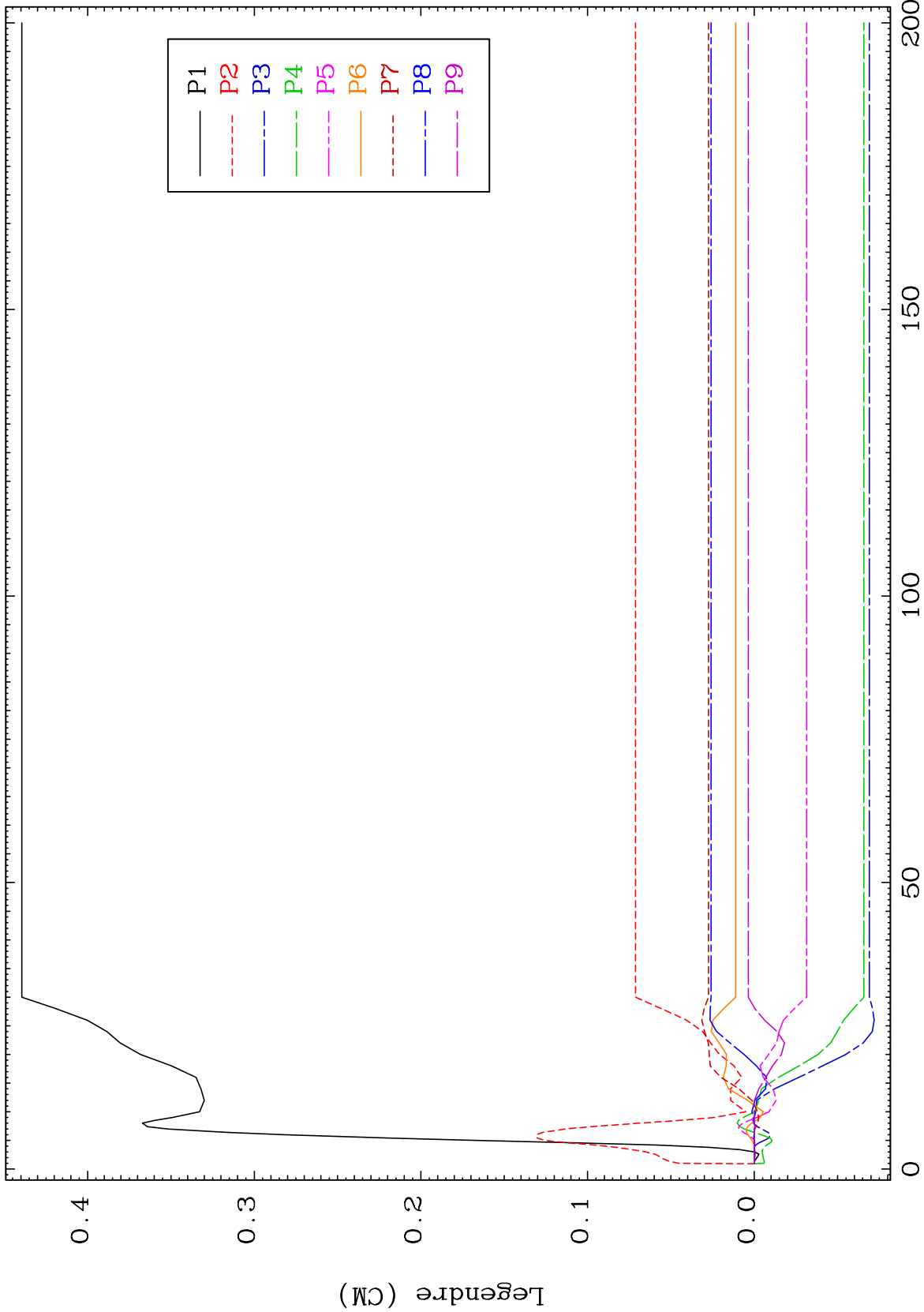
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



28

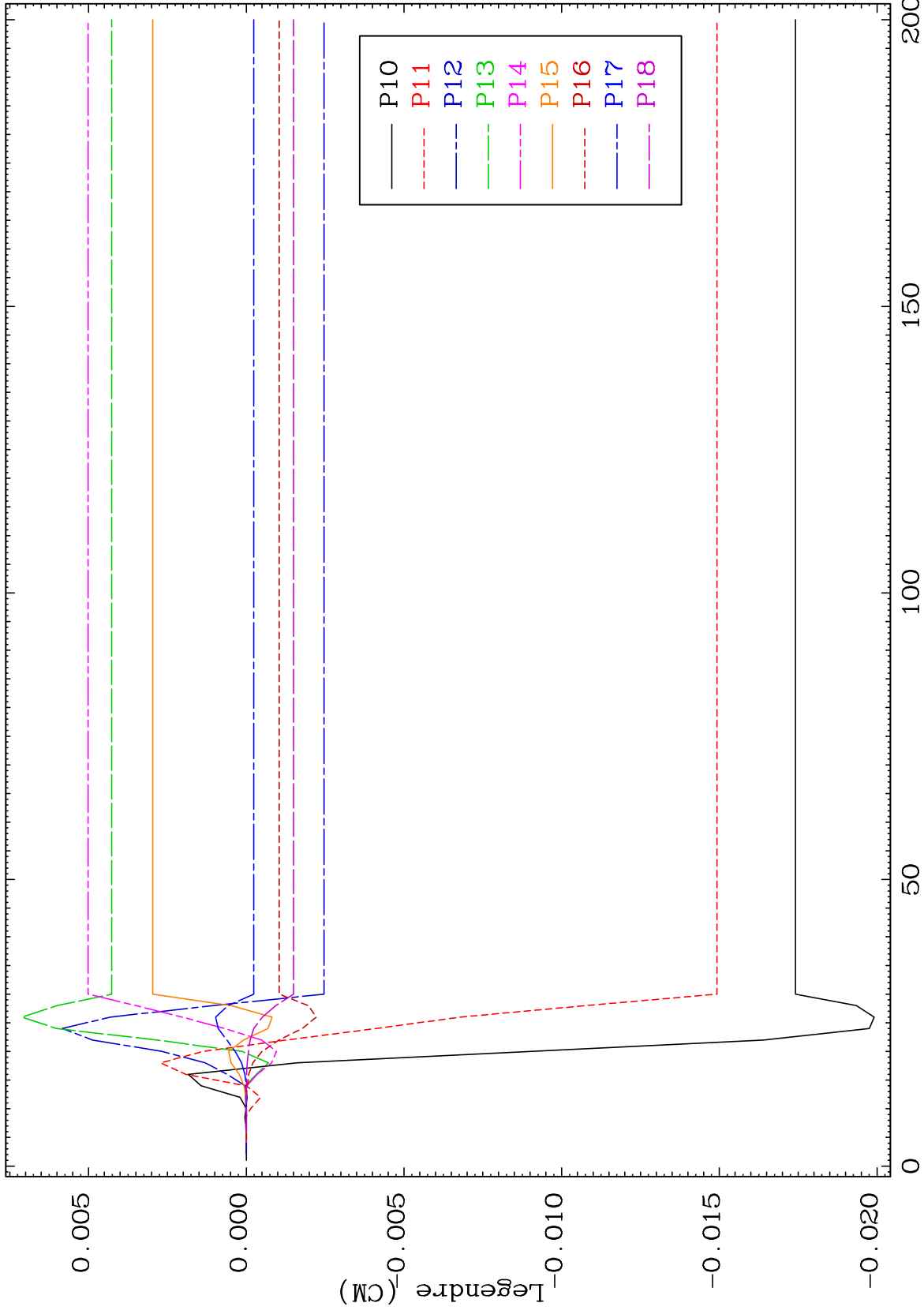
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



29

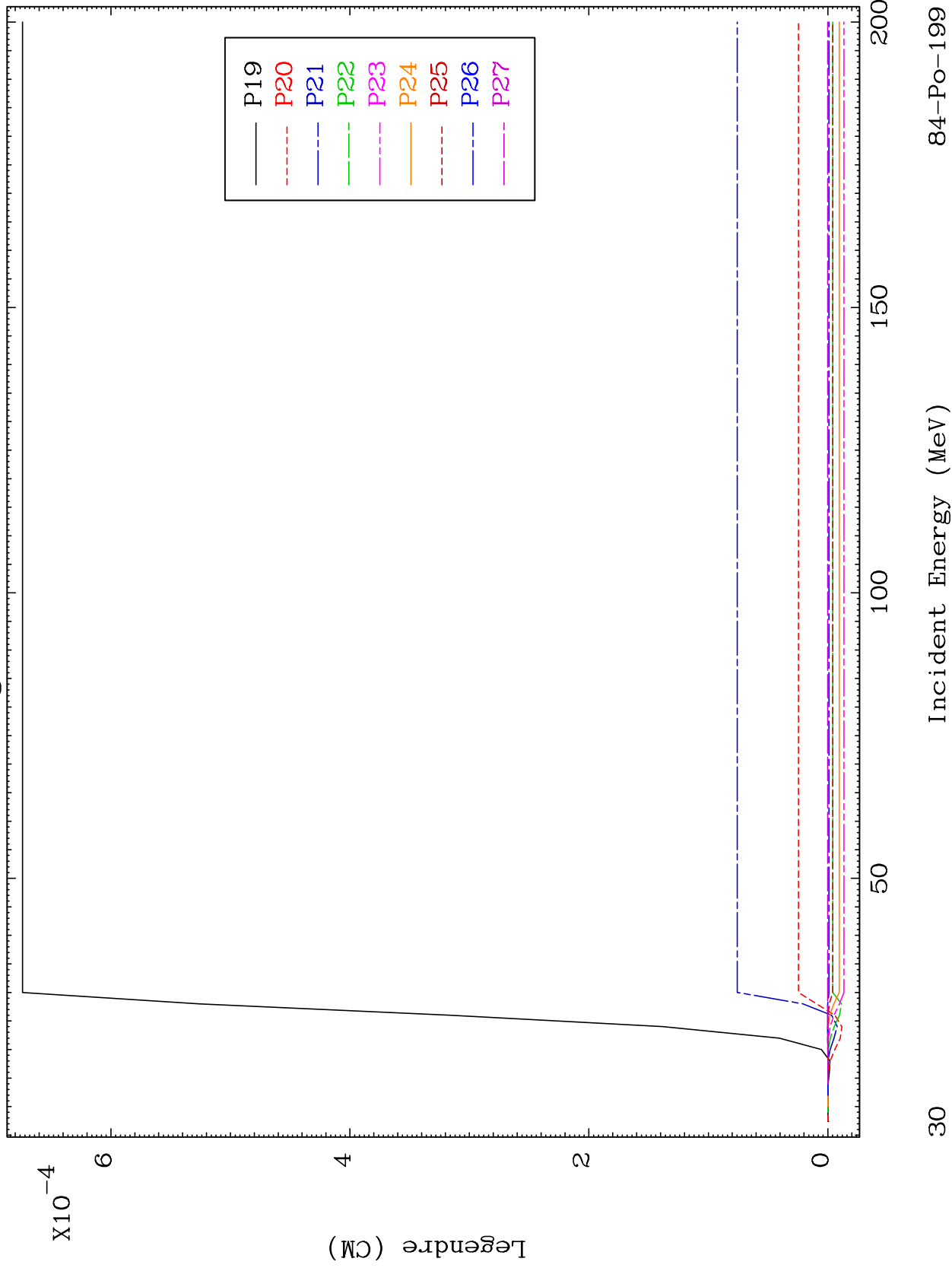
Incident Energy (MeV)

84-Po-199

MAT 8404

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

84-Po-199



84-Po-199

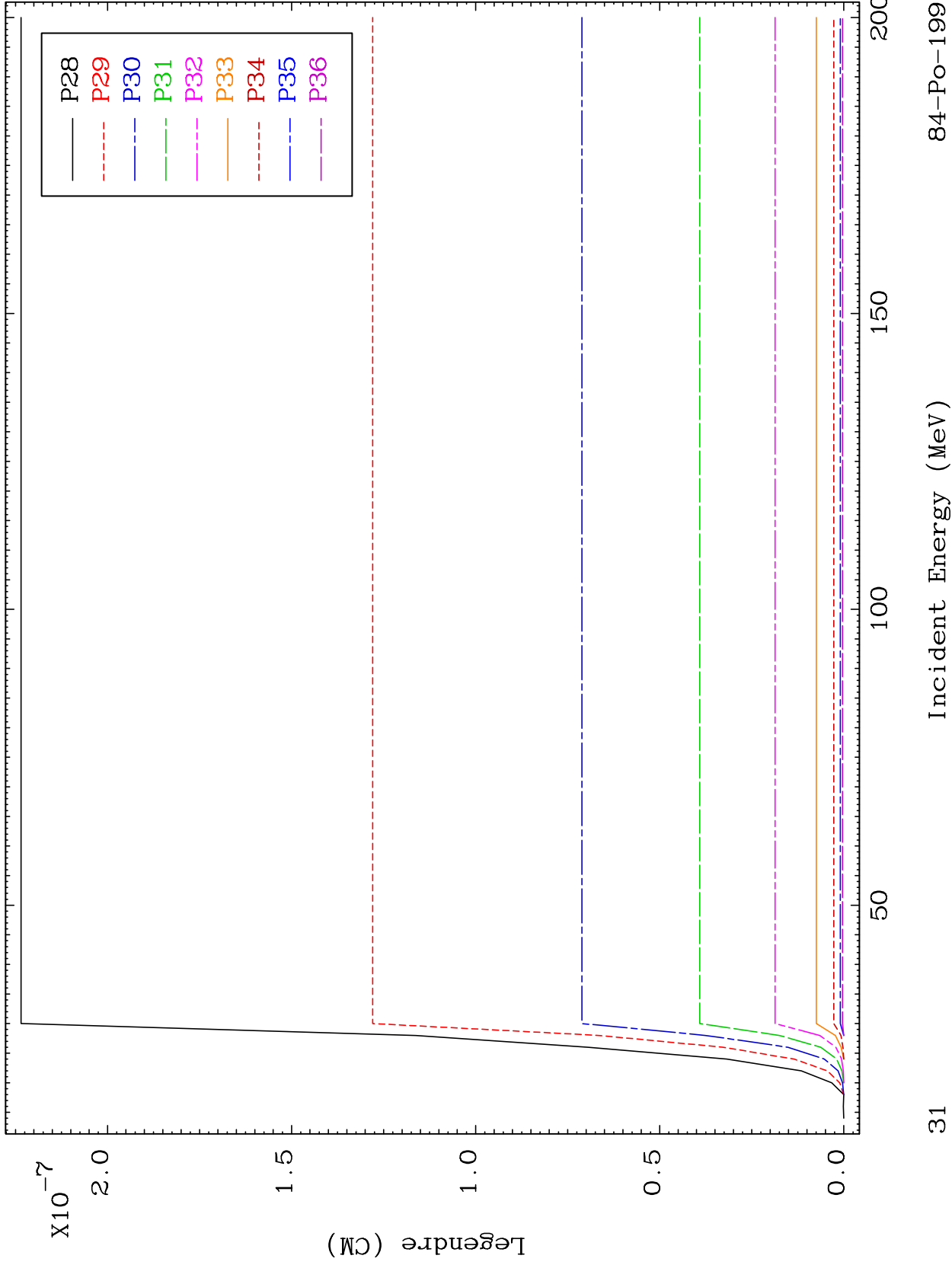
Incident Energy (MeV)

30

MAT 8404

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

84-Po-199



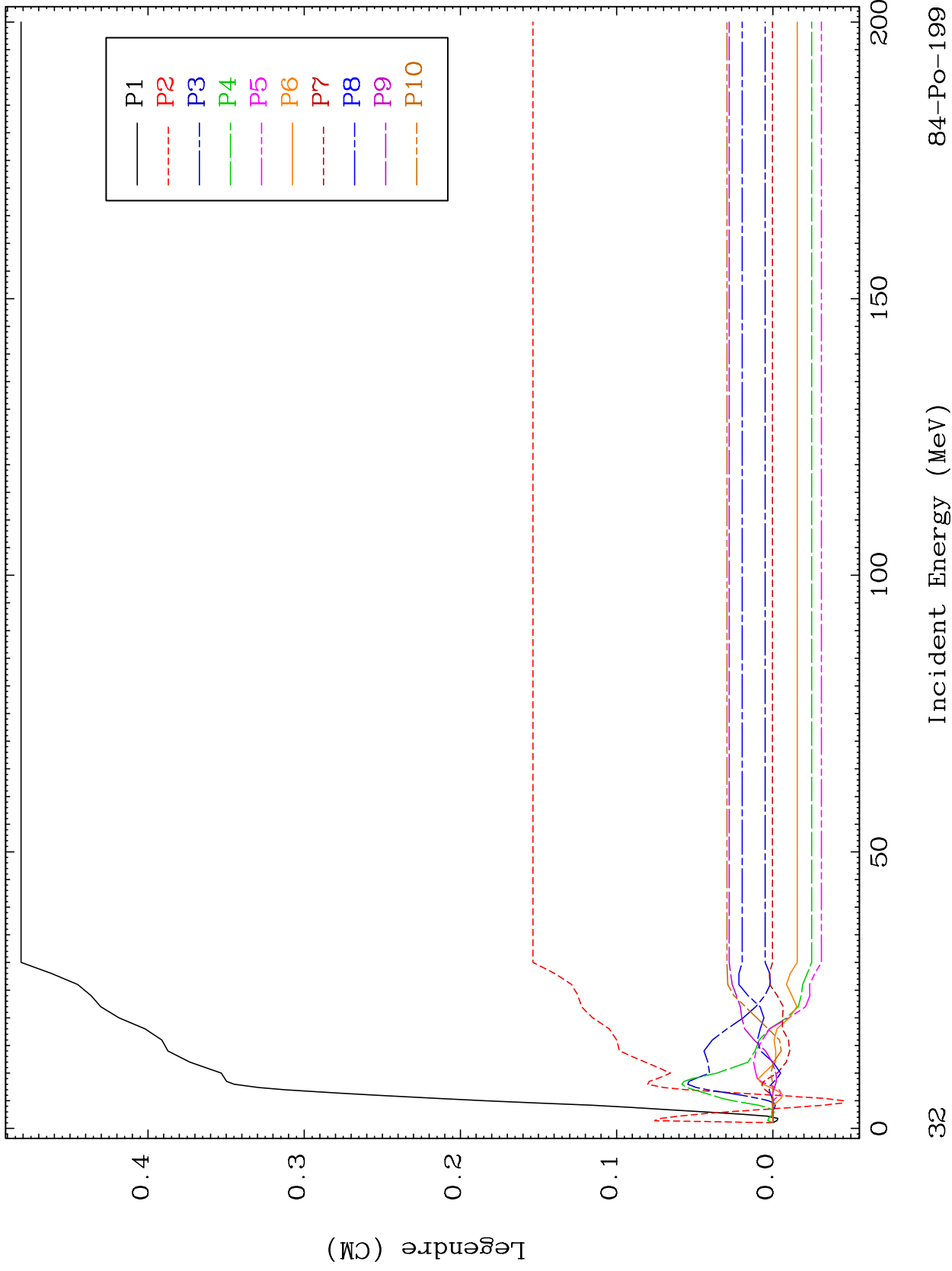
31



MAT 8404

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

84-Po-199



84-Po-199

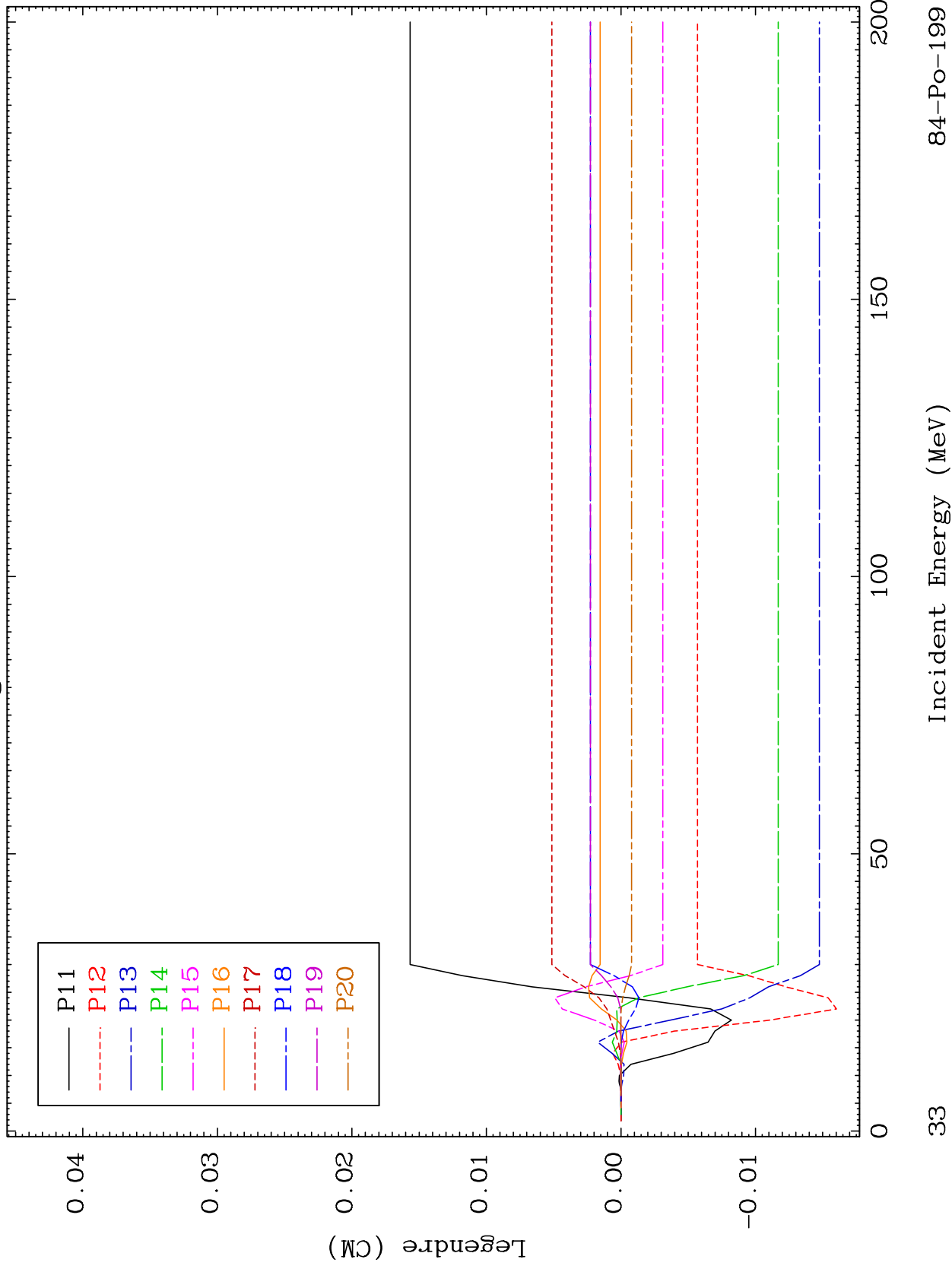
Incident Energy (MeV)

32

MAT 8404

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

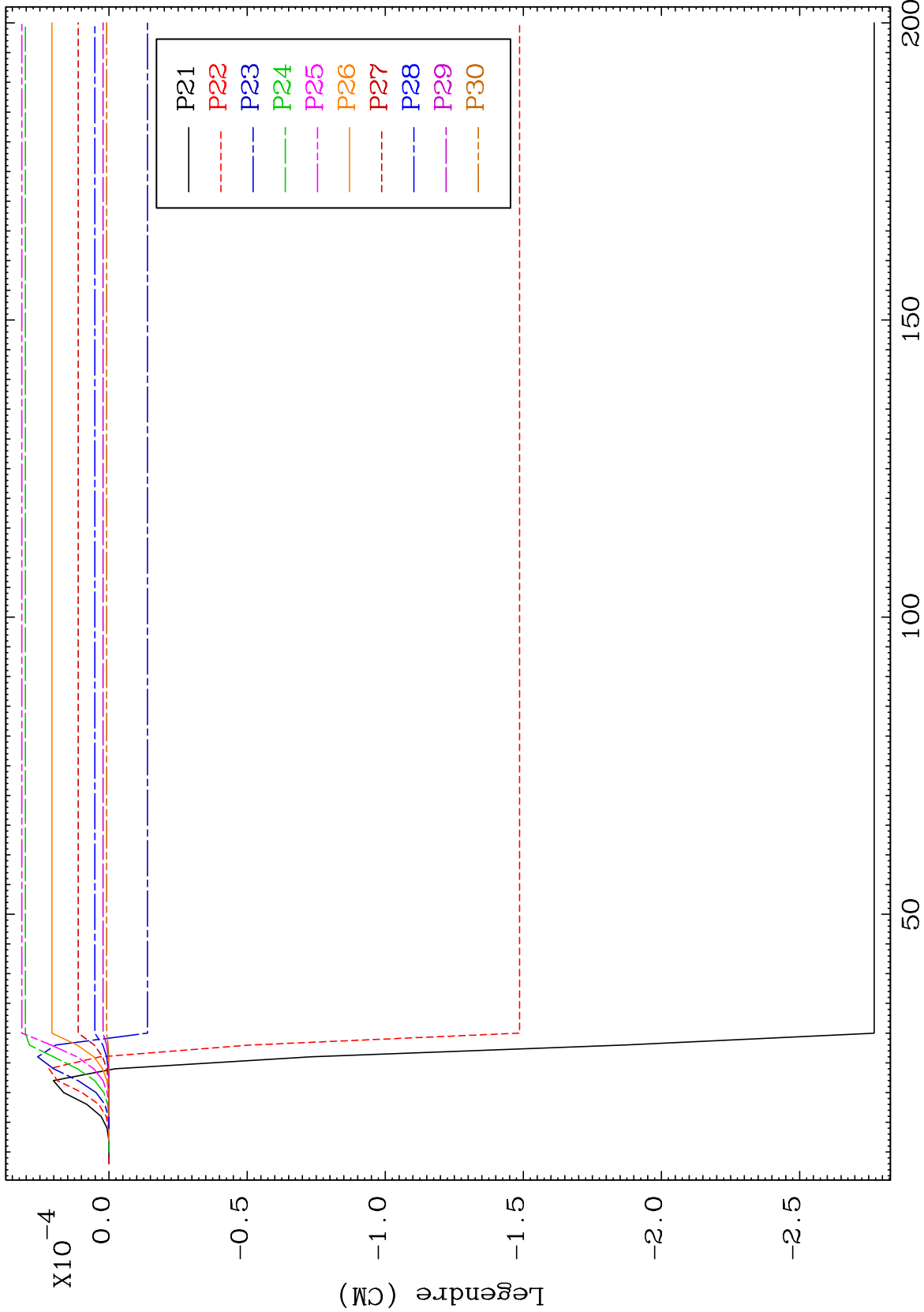
84-Po-199



33

Incident Energy (MeV)

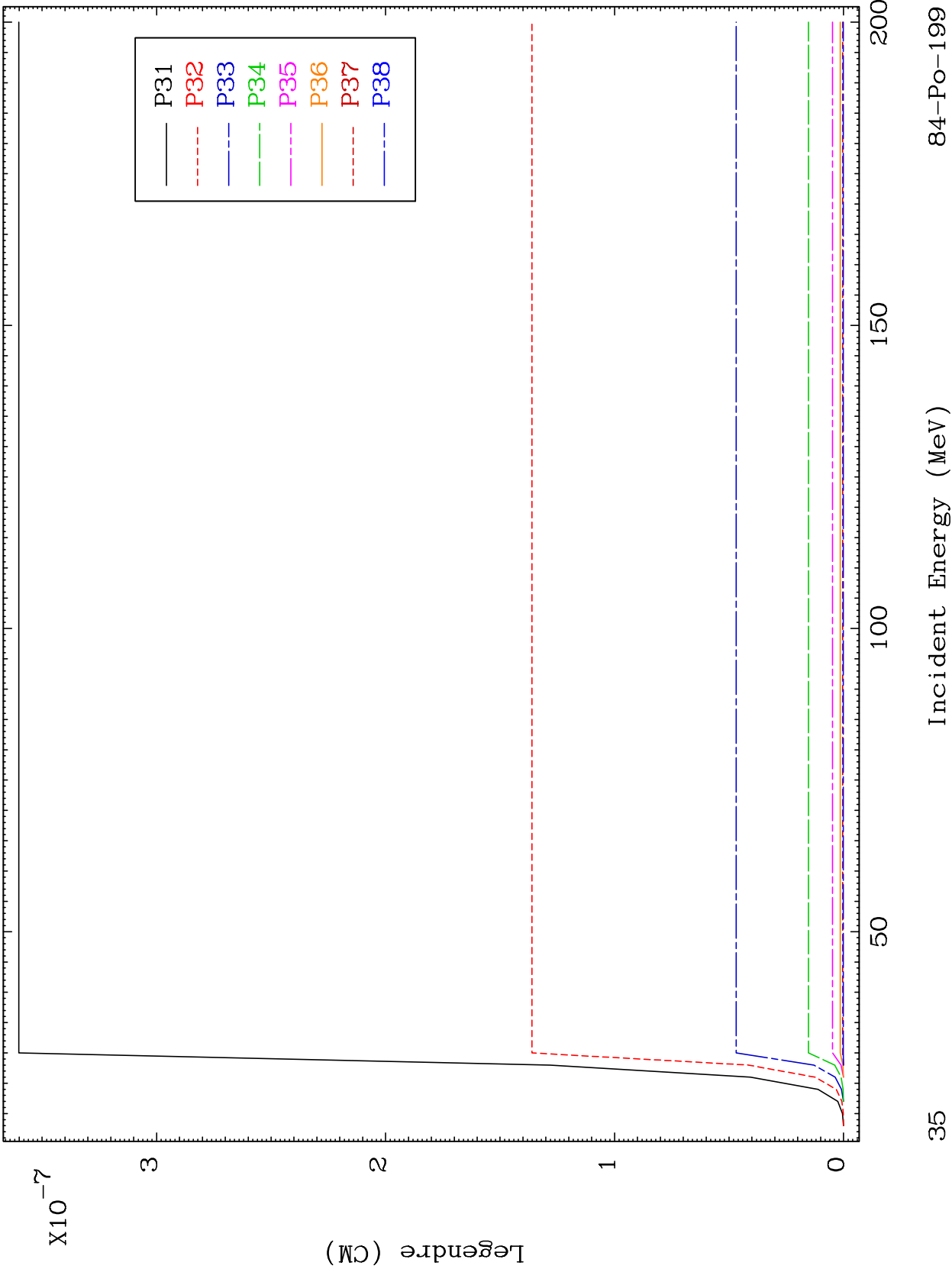
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MAT 8404

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

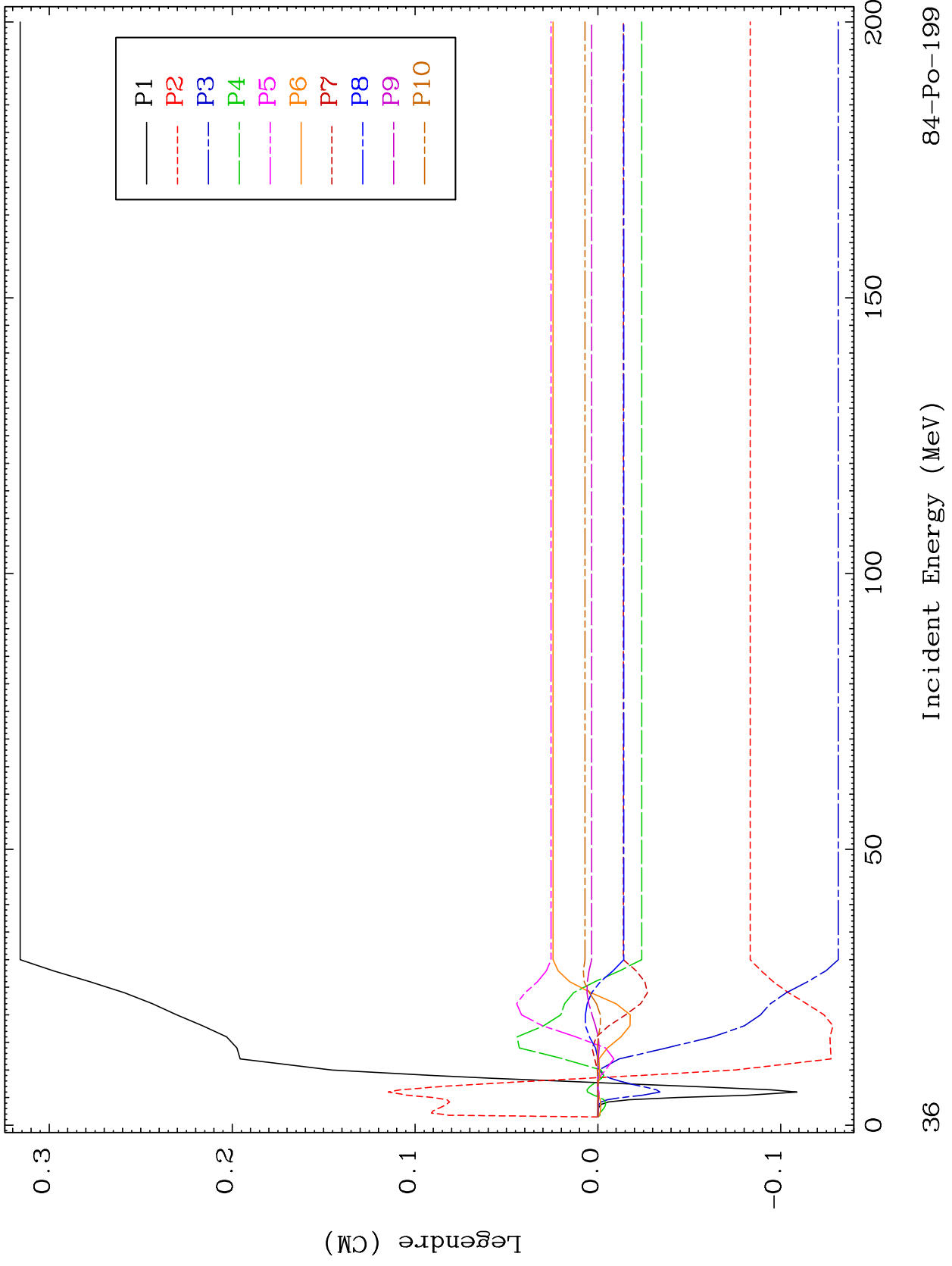
84-Po-199



MAT 8404

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

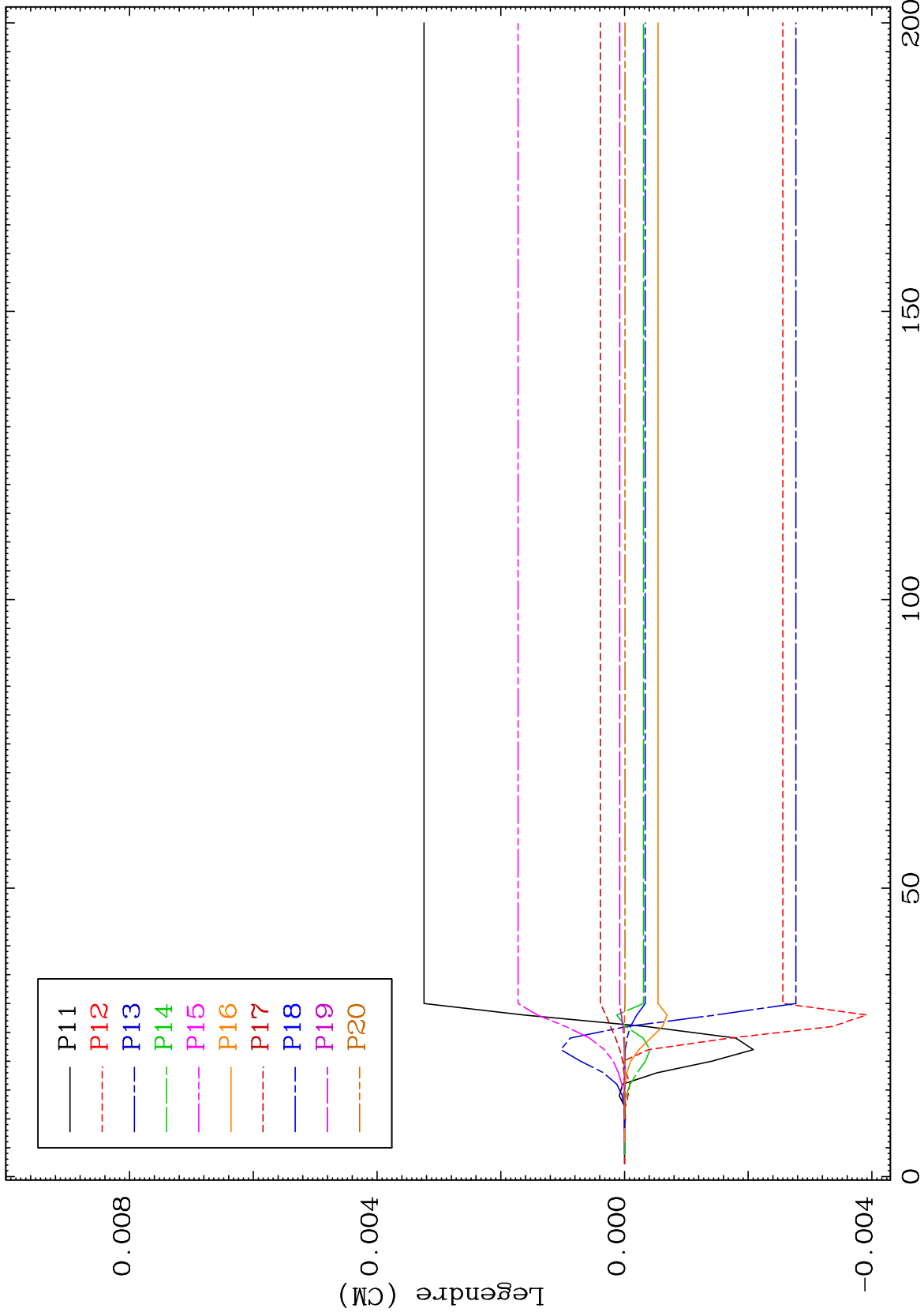
84-Po-199



MAT 8404

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

84-Po-199



37

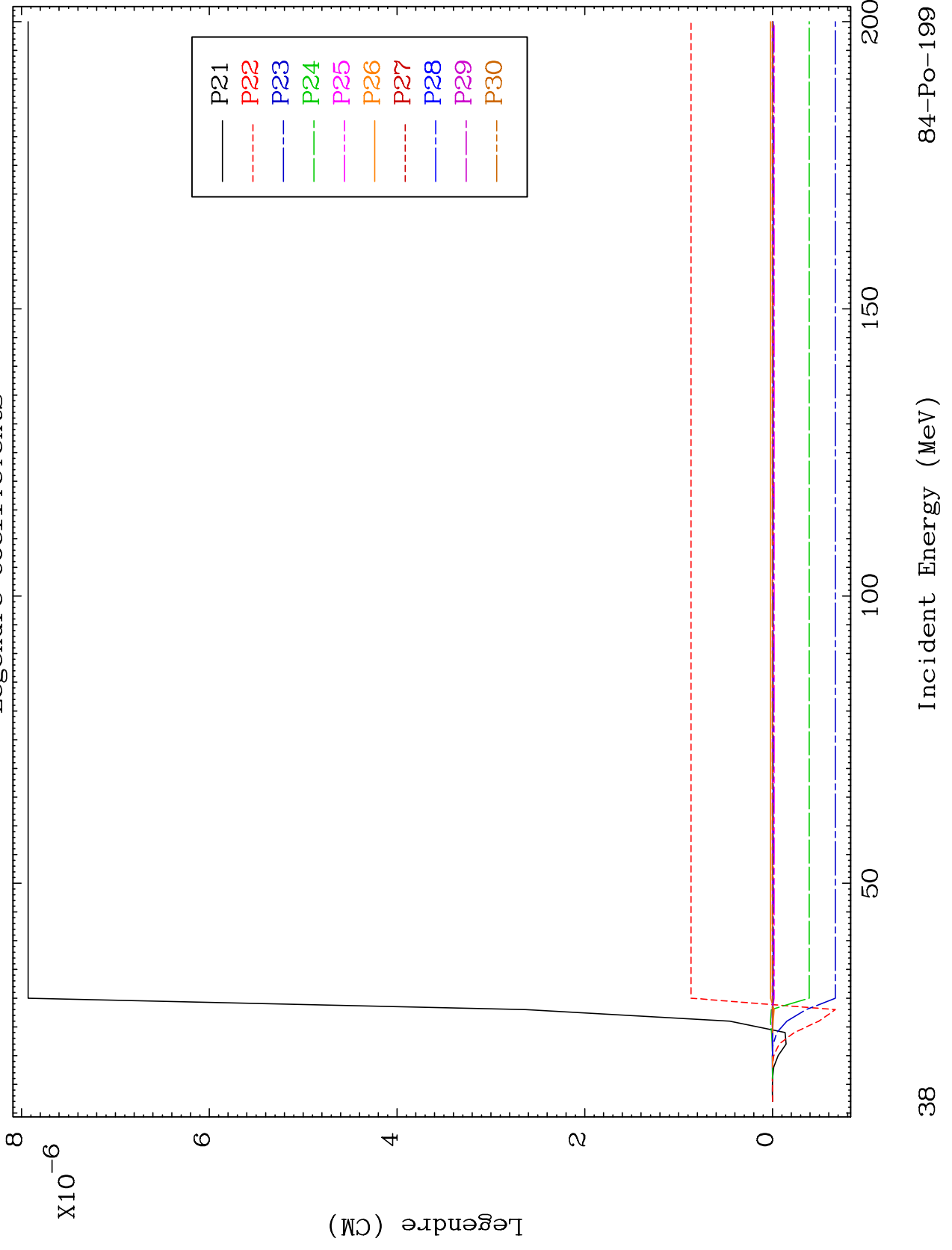
Incident Energy (MeV)

84-Po-199

MAT 8404

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

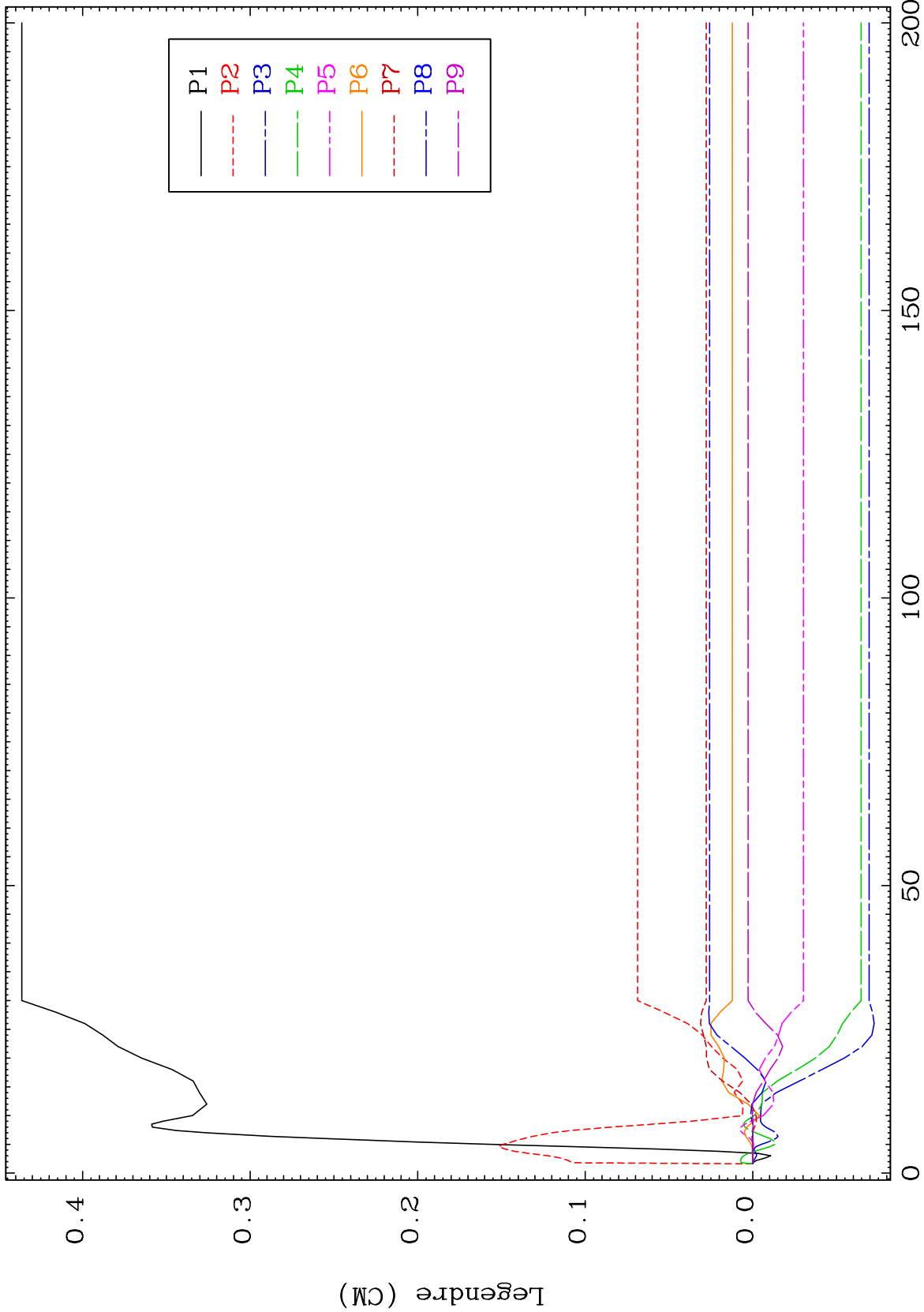
84-Po-199



MAT 8404

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

84-Po-199



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Incident Energy (MeV)

84-Po-199

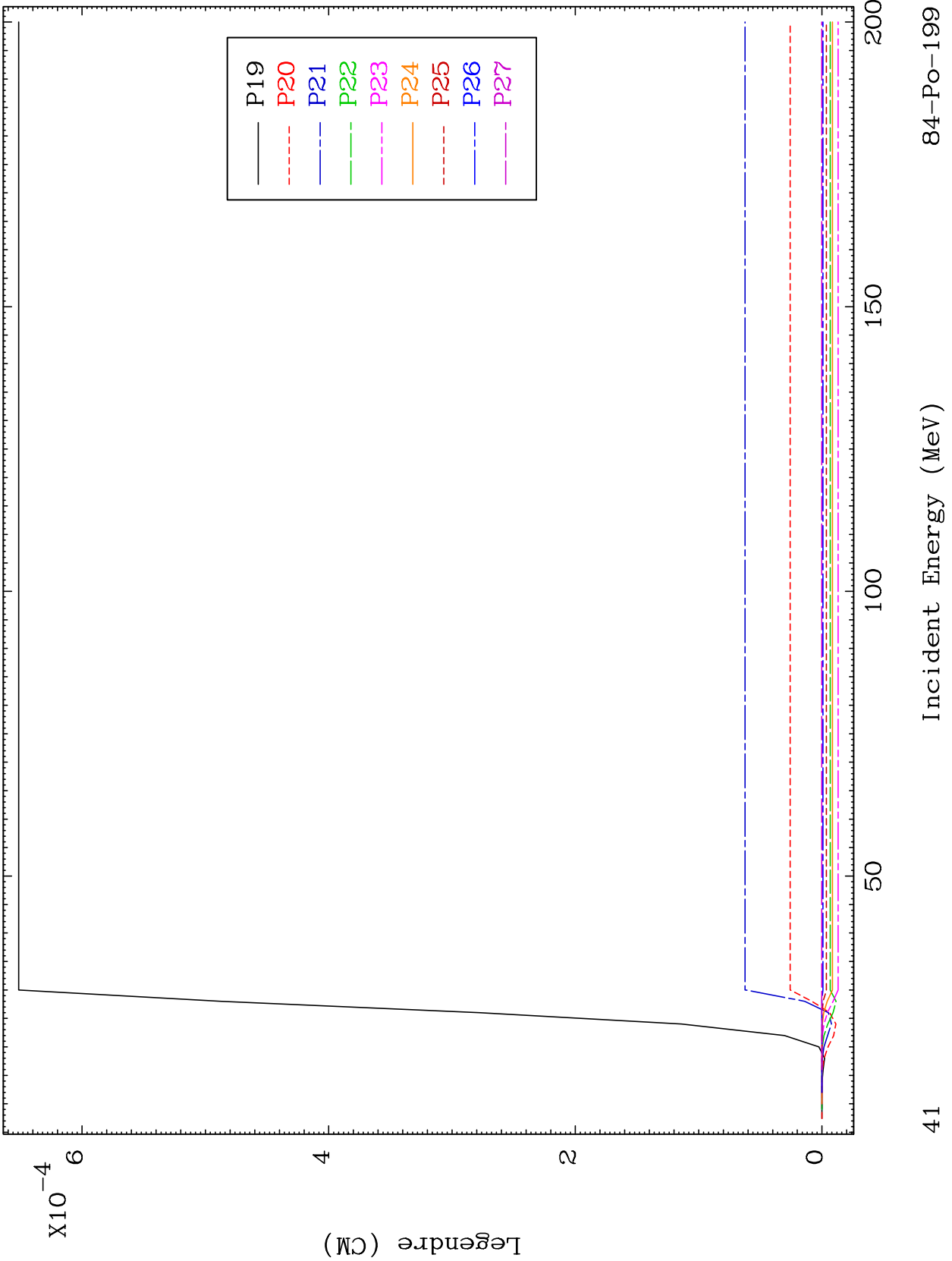




MAT 8404

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

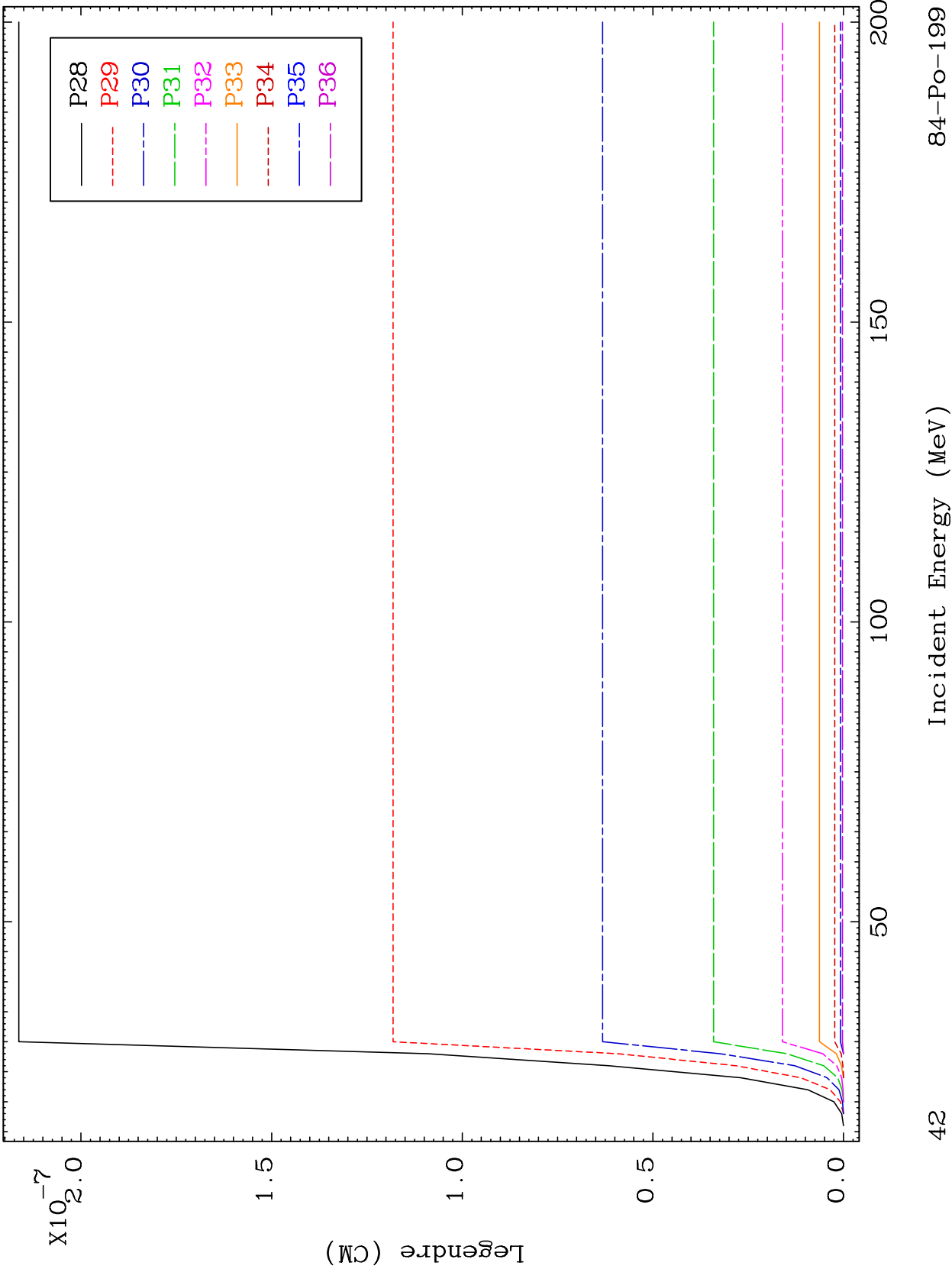
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MAT 8404

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

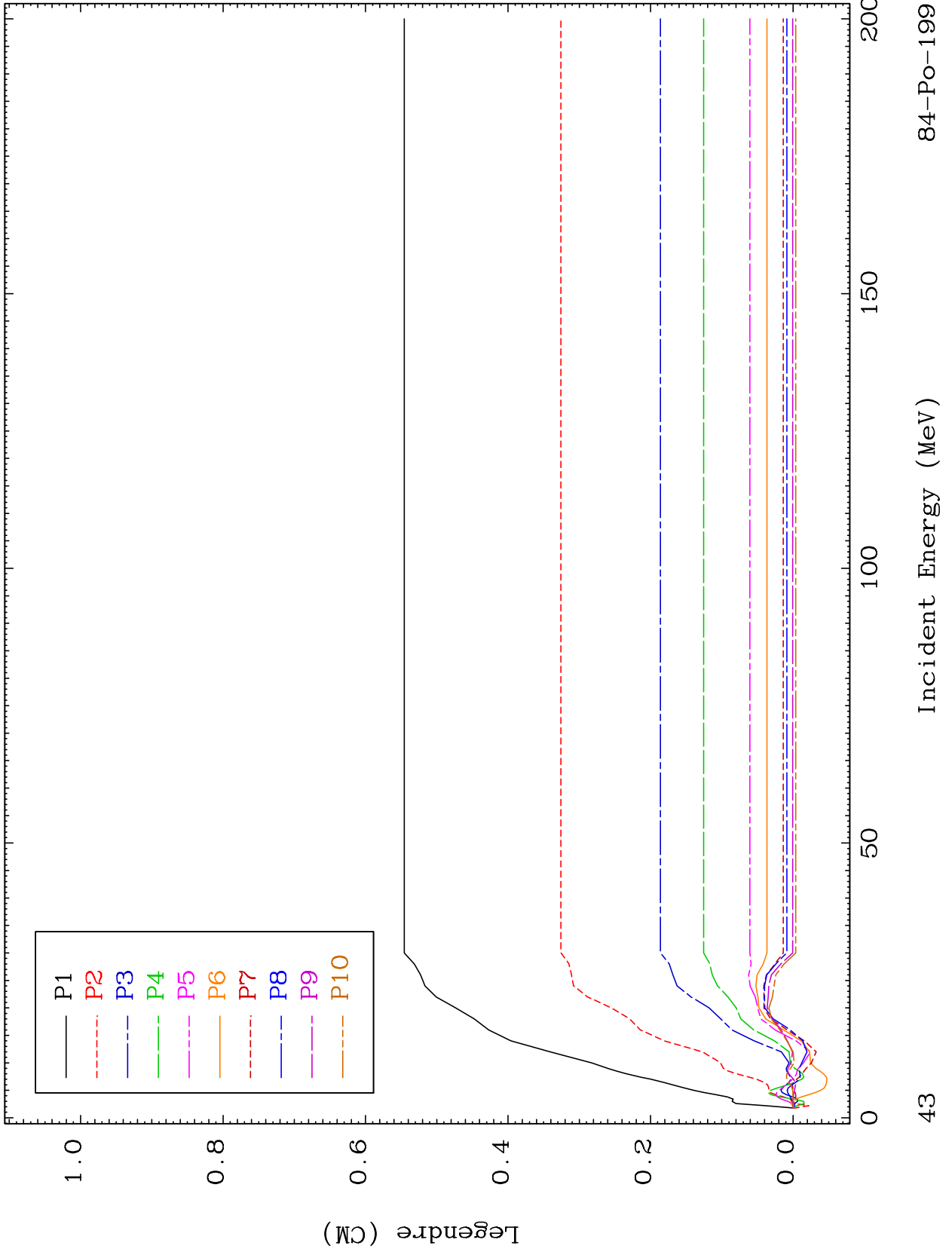
84-Po-199



MAT 8404

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

84-Po-199



43

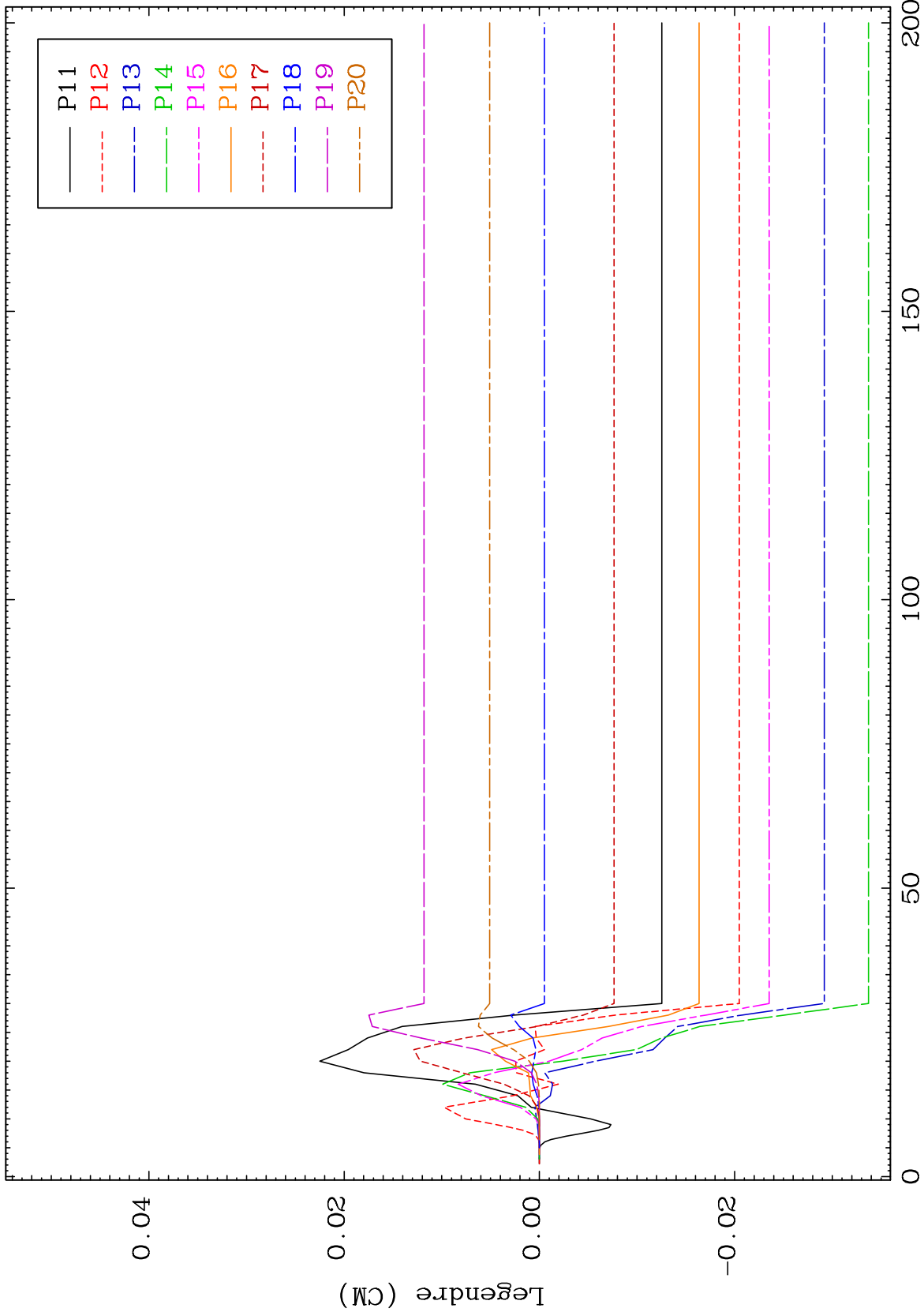
Incident Energy (MeV)

84-Po-199

MAT 8404

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

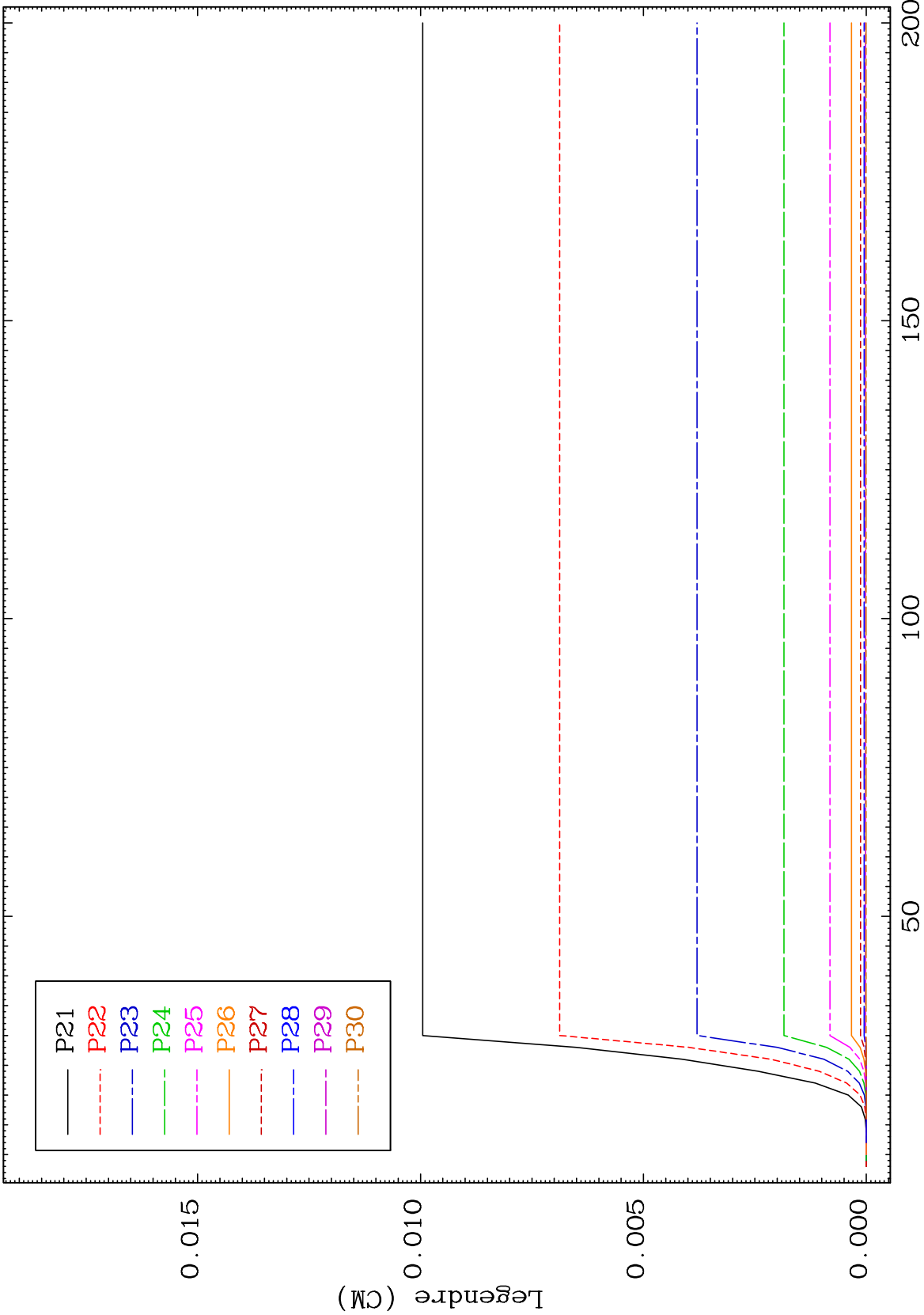
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MAT 8404

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

84-Po-199



45

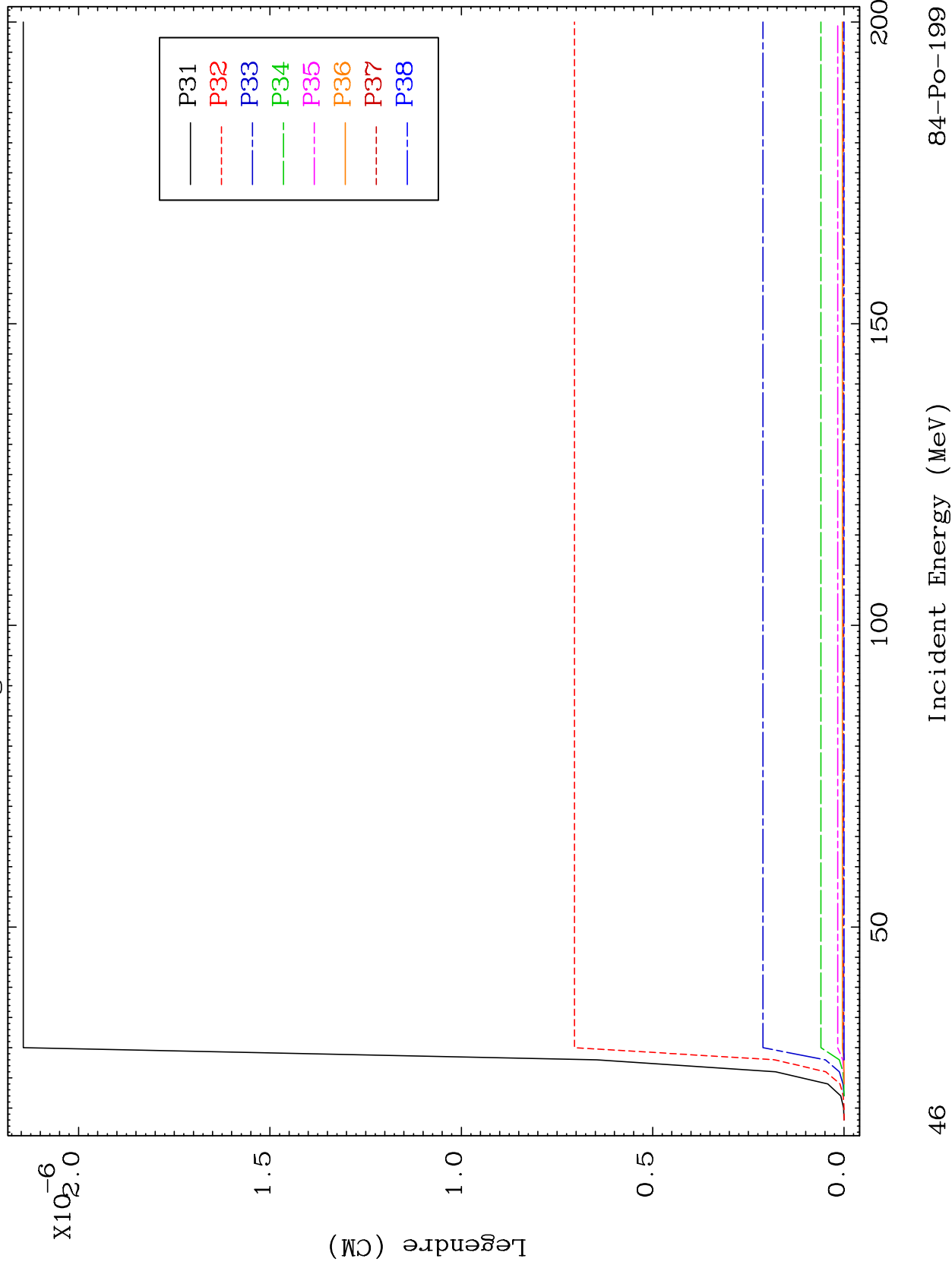
Incident Energy (MeV)

84-Po-199

MAT 8404

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

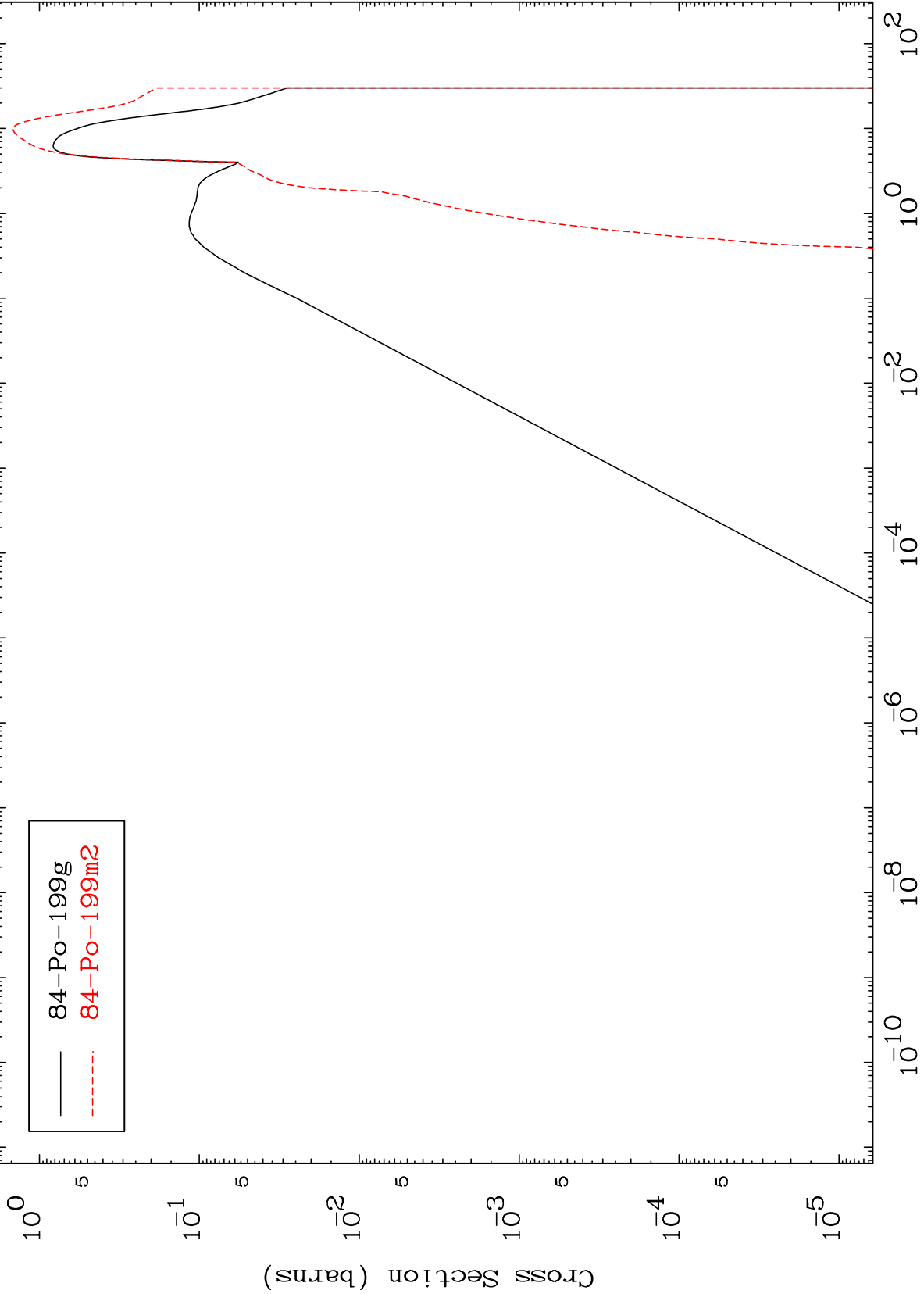
84-Po-199



MAT 8404

Inelastic  
Radionuclide Production Cross Section

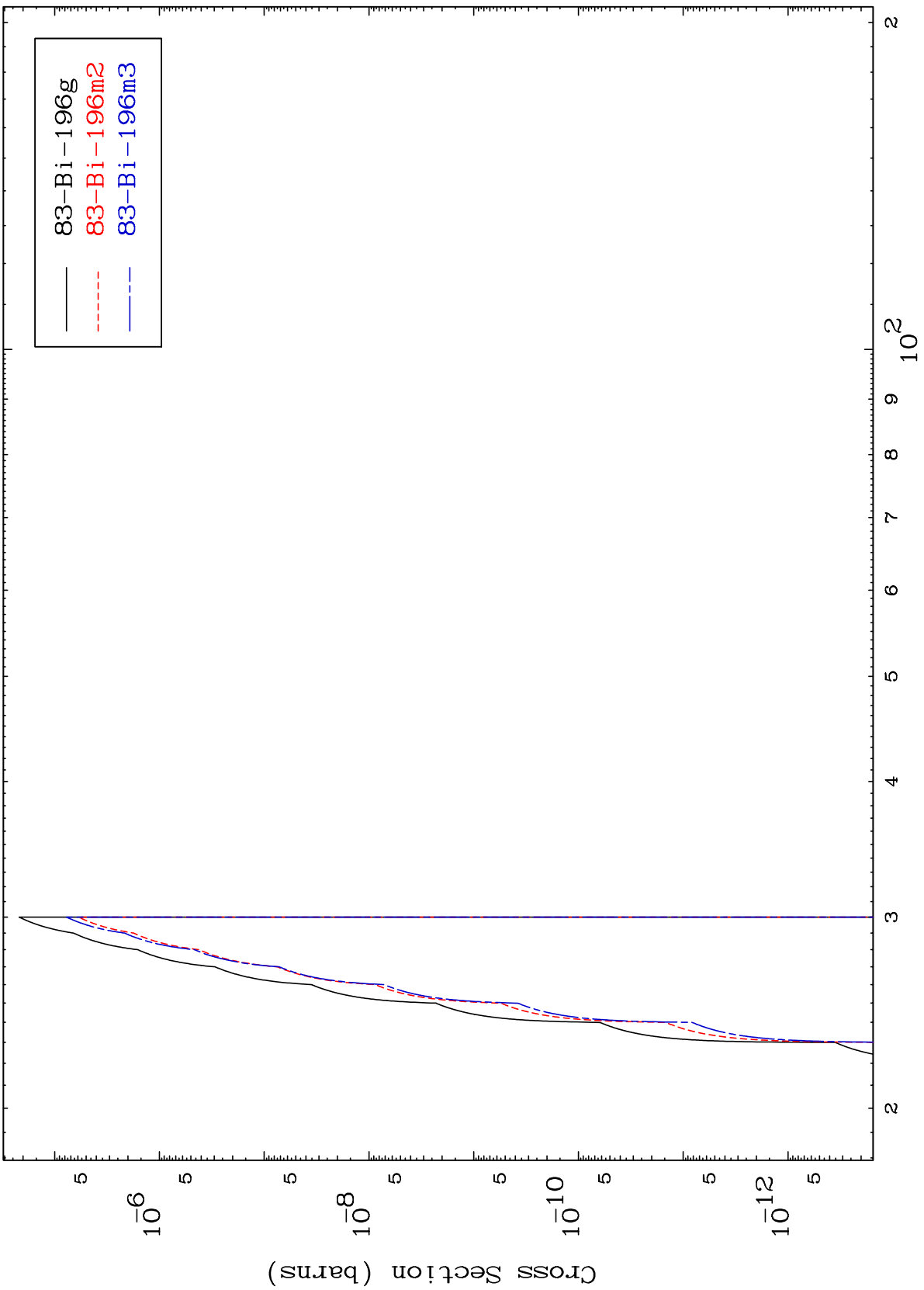
84-Po-199



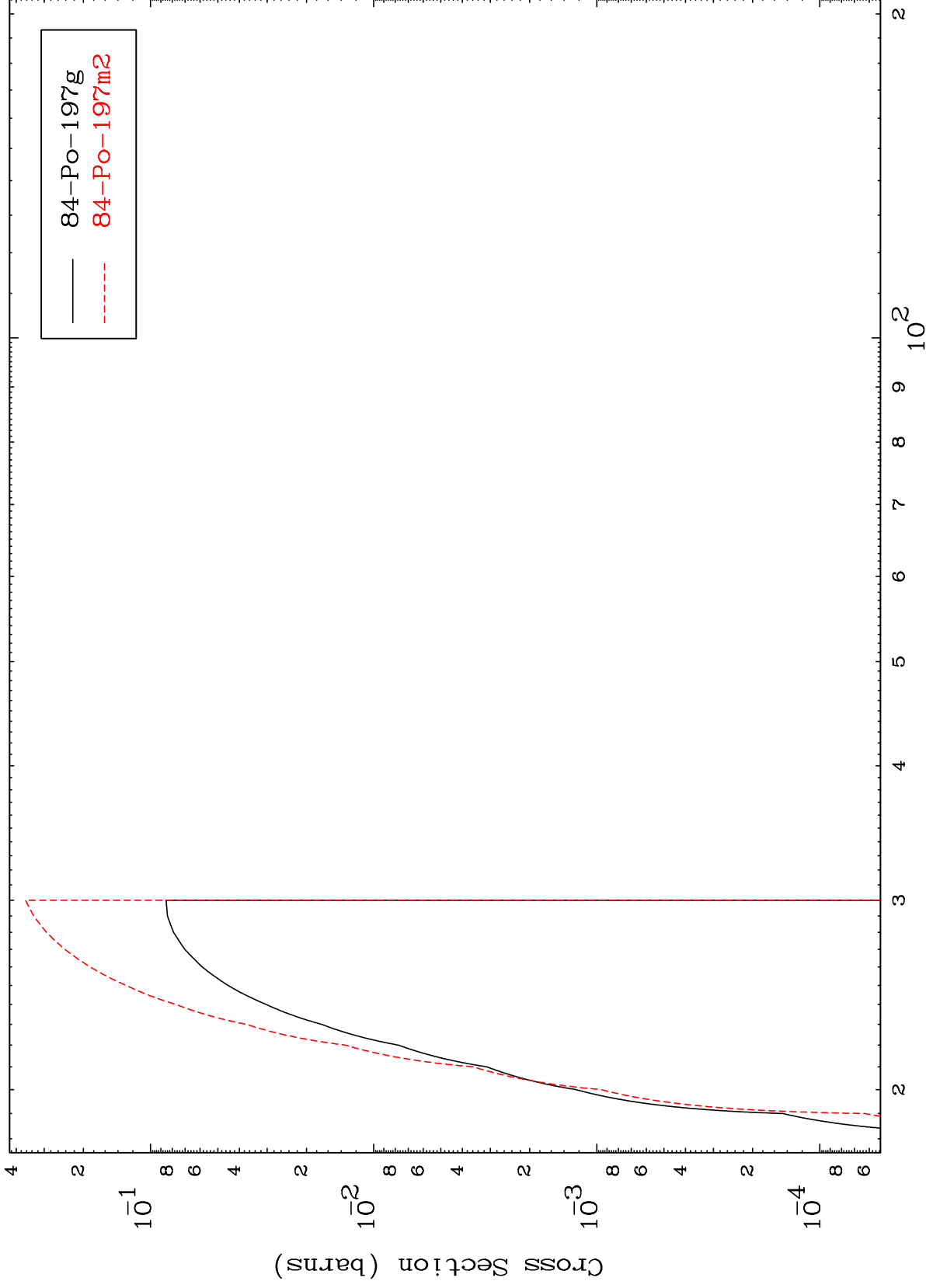
84-Po-199g  
84-Po-199m2



Radionuclide Production Cross Section



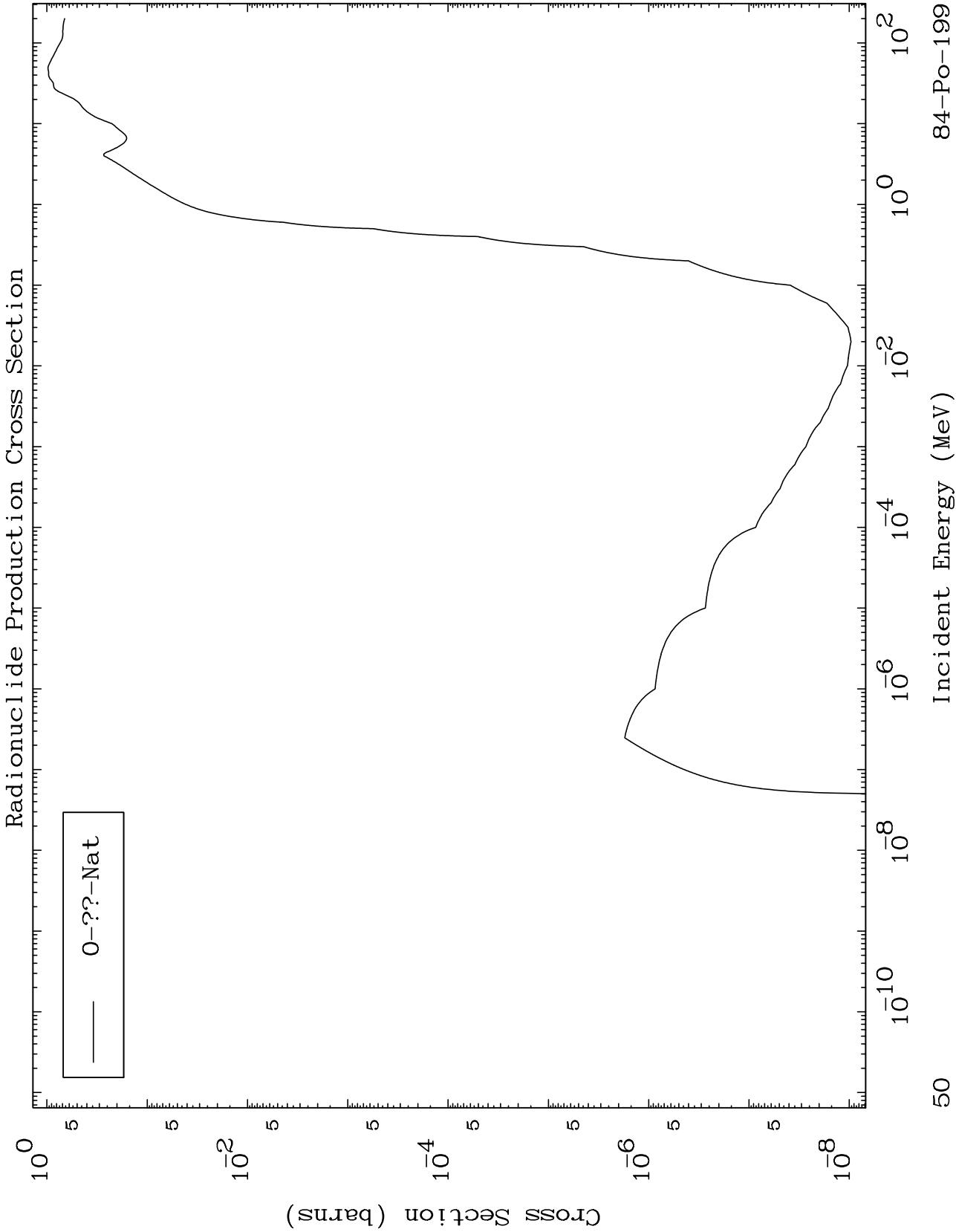
Radionuclide Production Cross Section



MAT 8404

Fission

84-Po-199

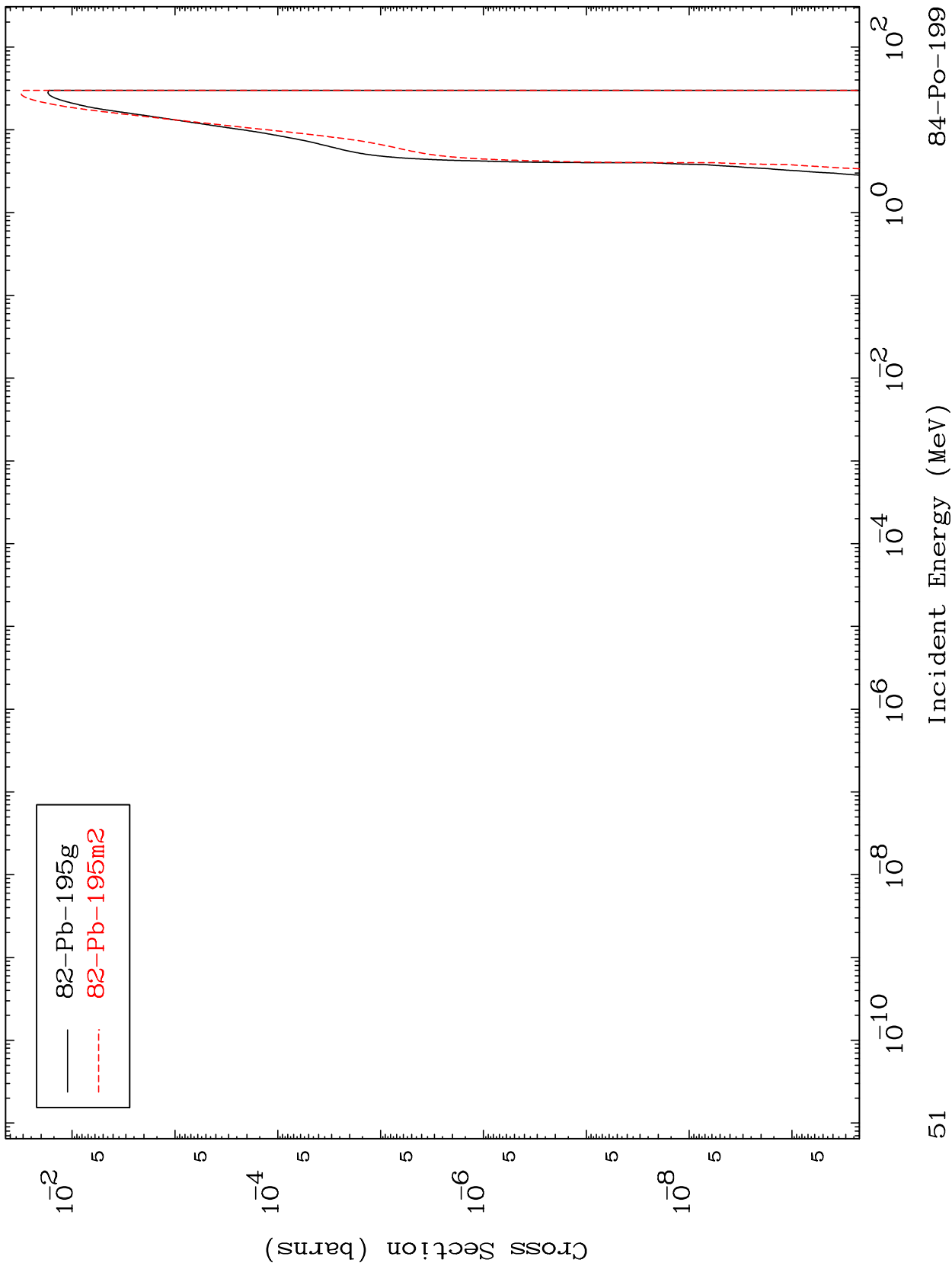


MAT 8404

$(n, n') \alpha$

84-Po-199

Radionuclide Production Cross Section

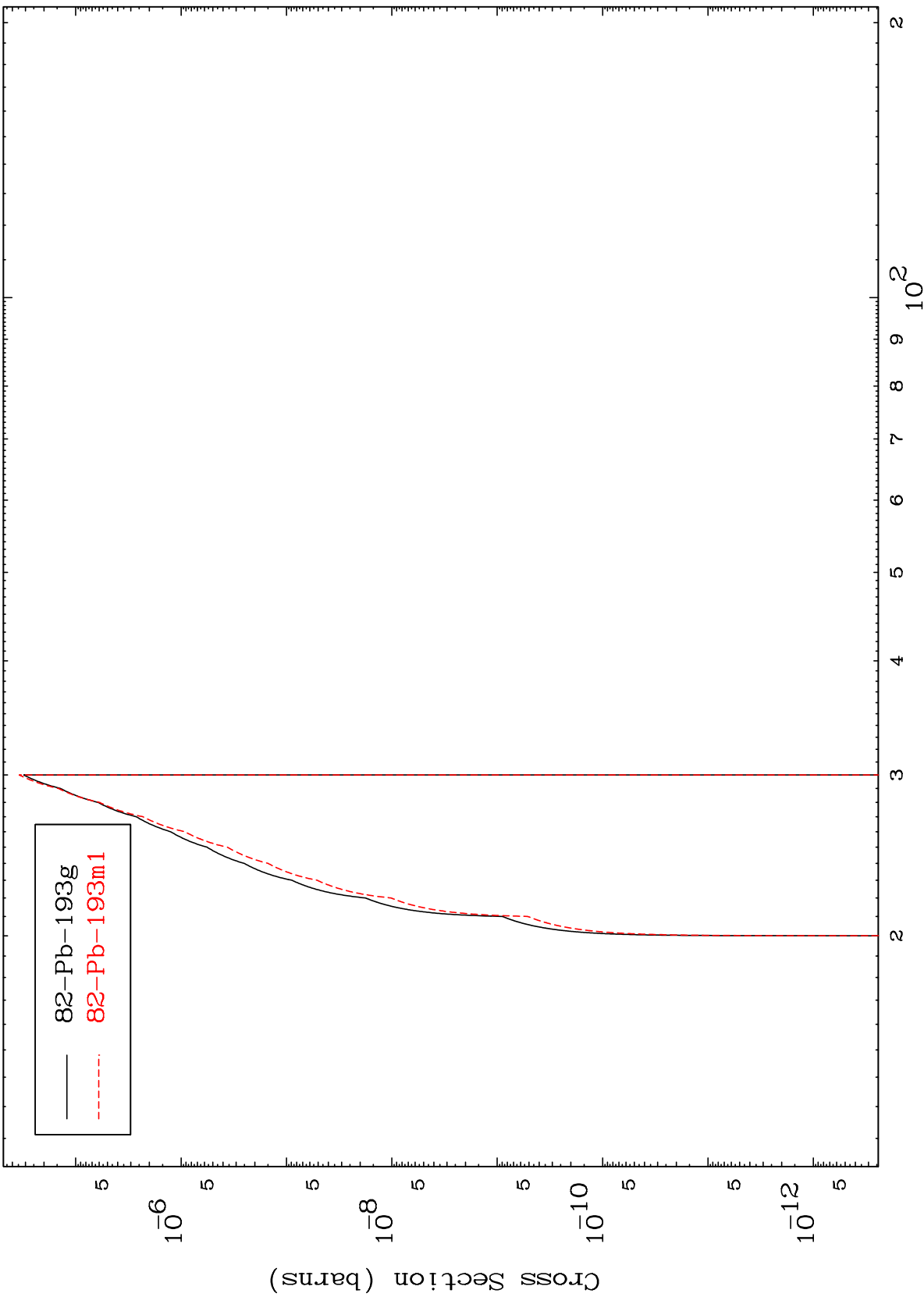


MAT 8404

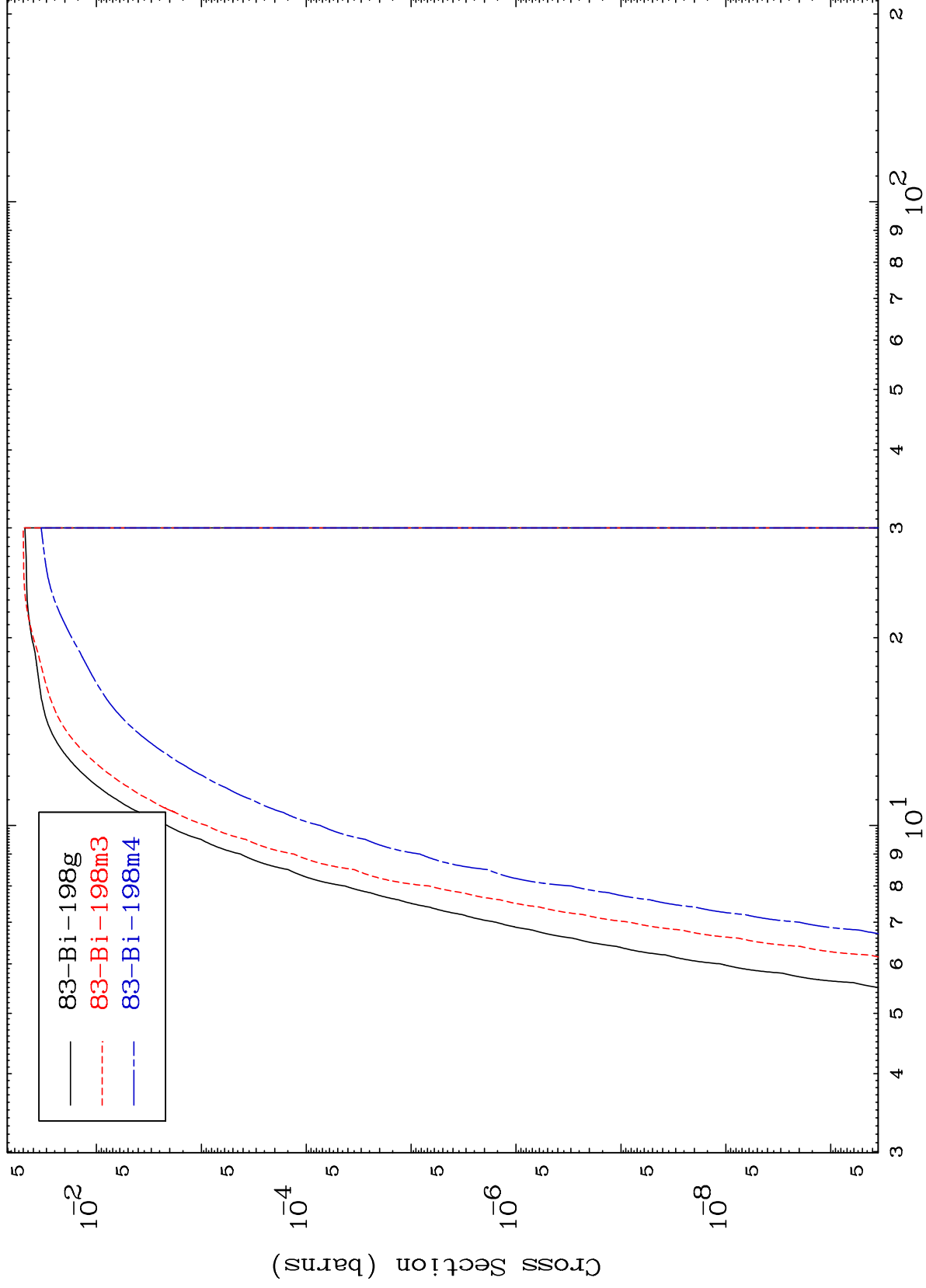
(n,3n)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

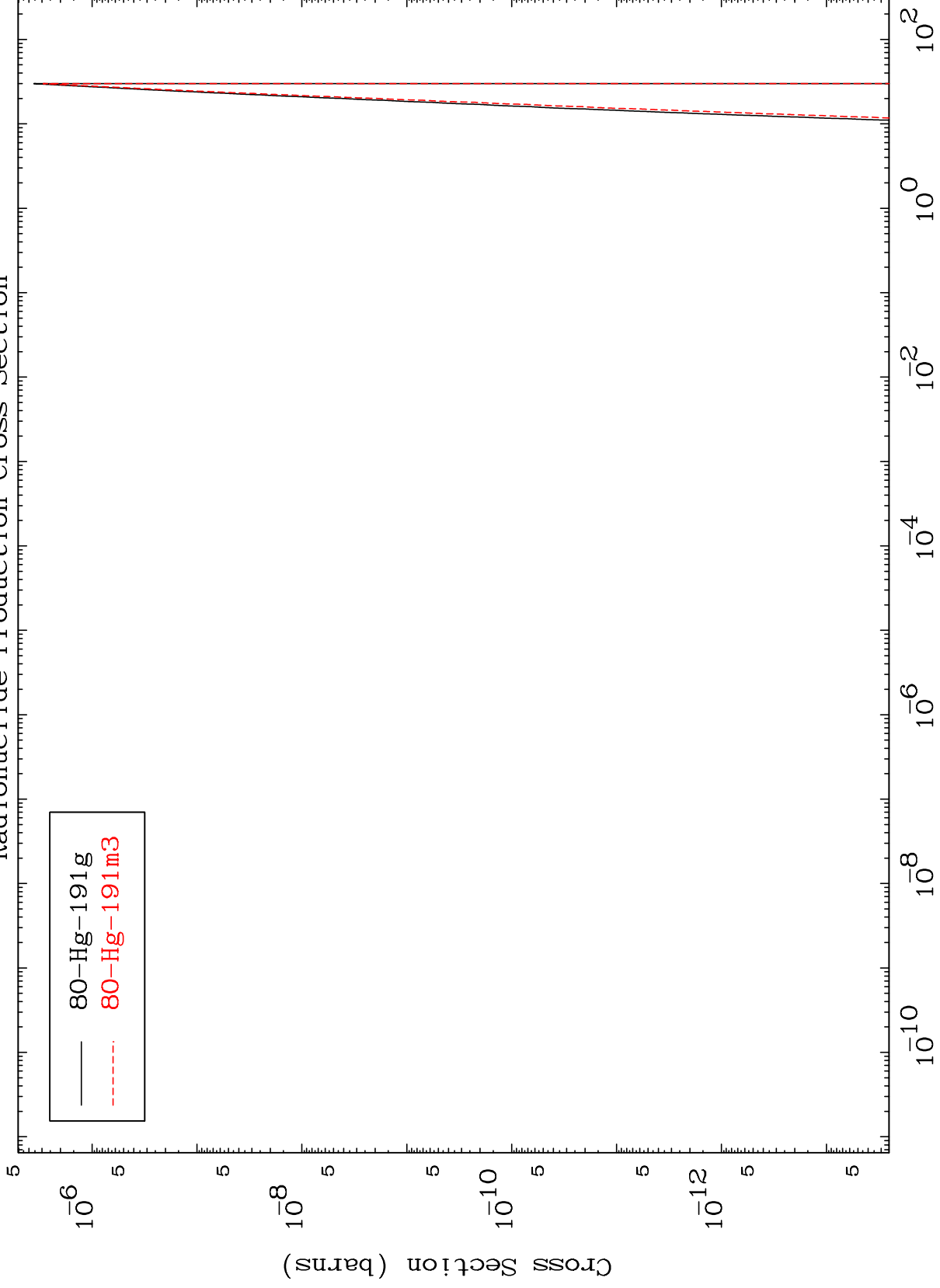


MAT 8404

(n,n') 2α

84-Po-199

Radionuclide Production Cross Section

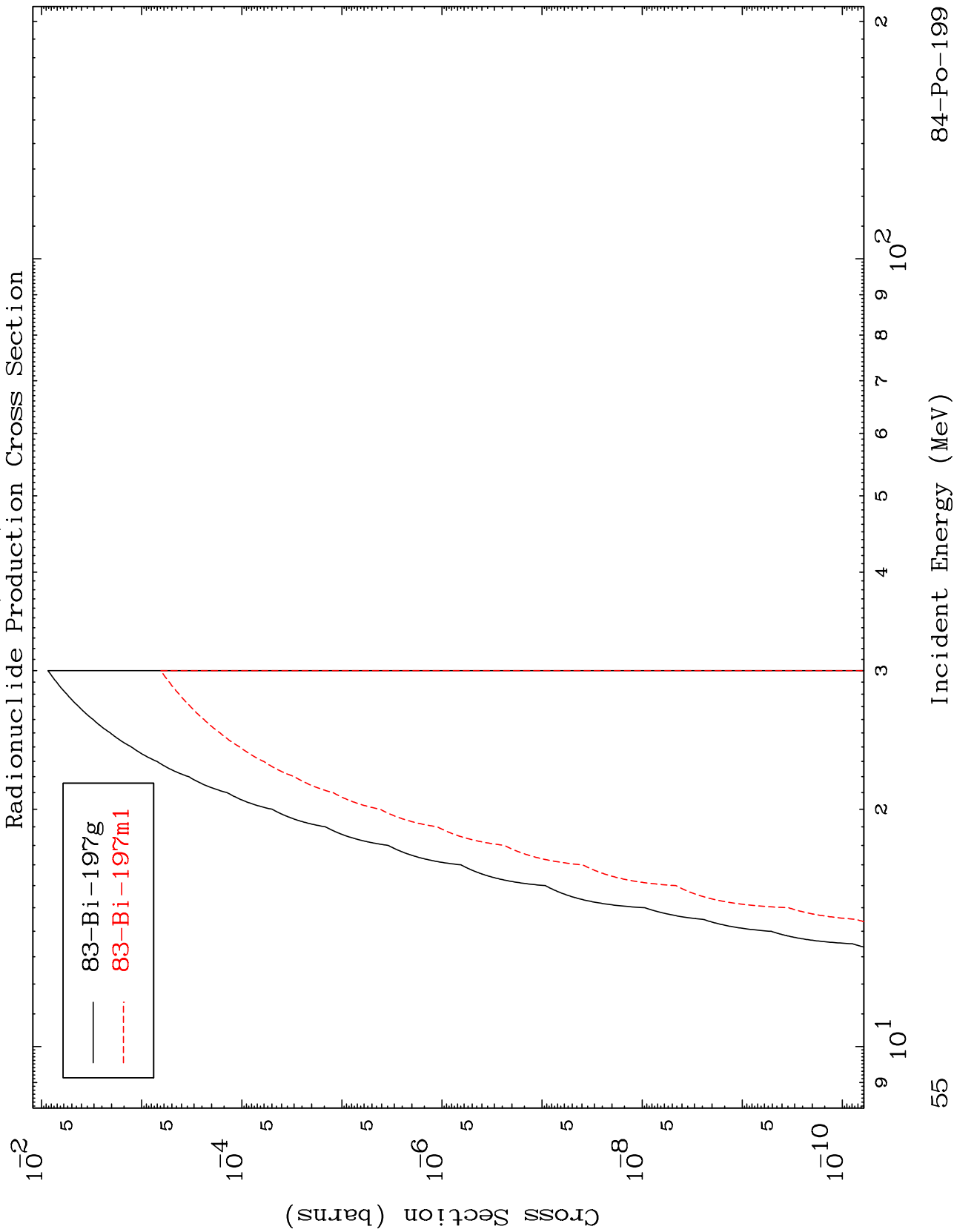


80-Hg-191g  
80-Hg-191m3

MAT 8404

(n,n') d

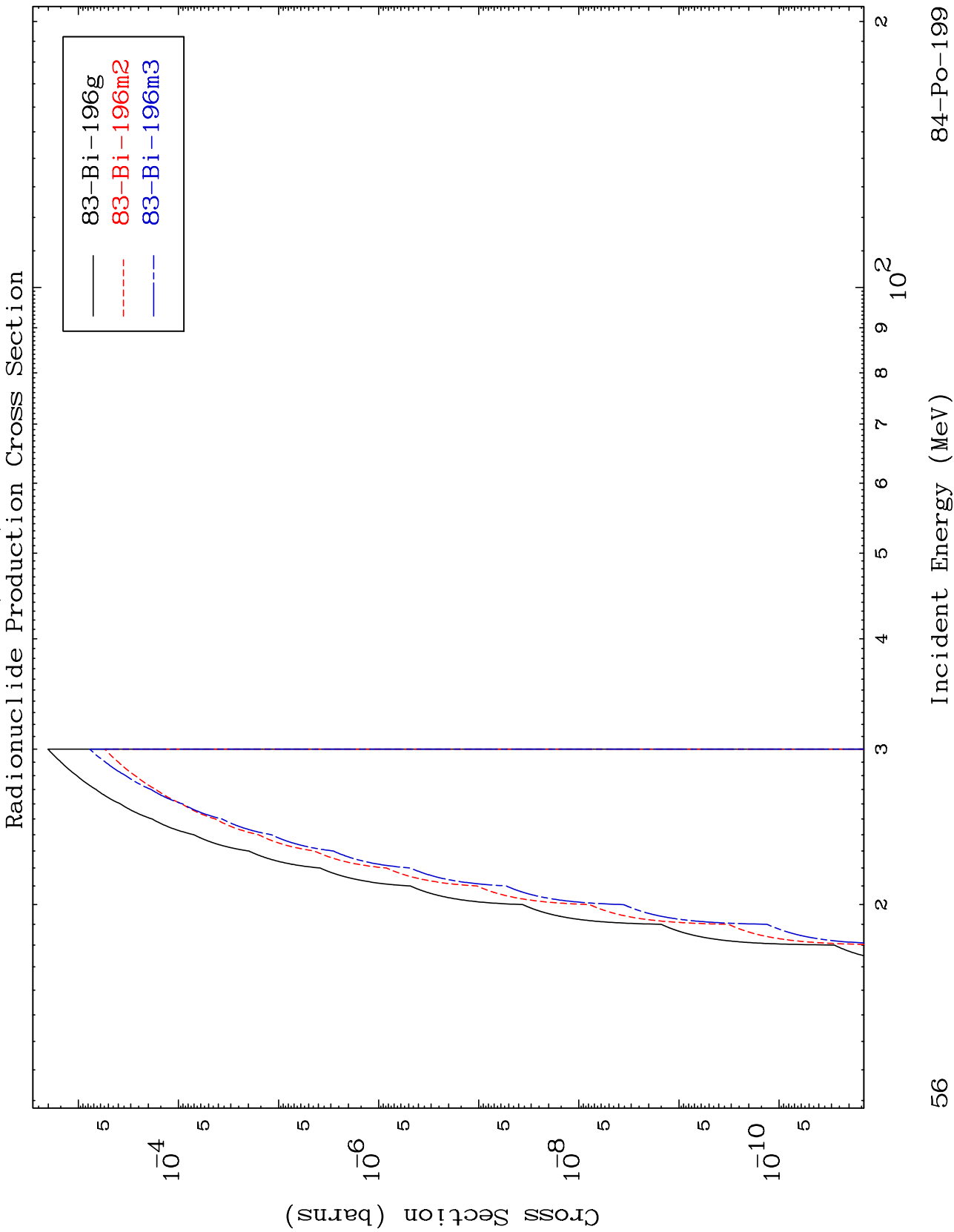
84-Po-199



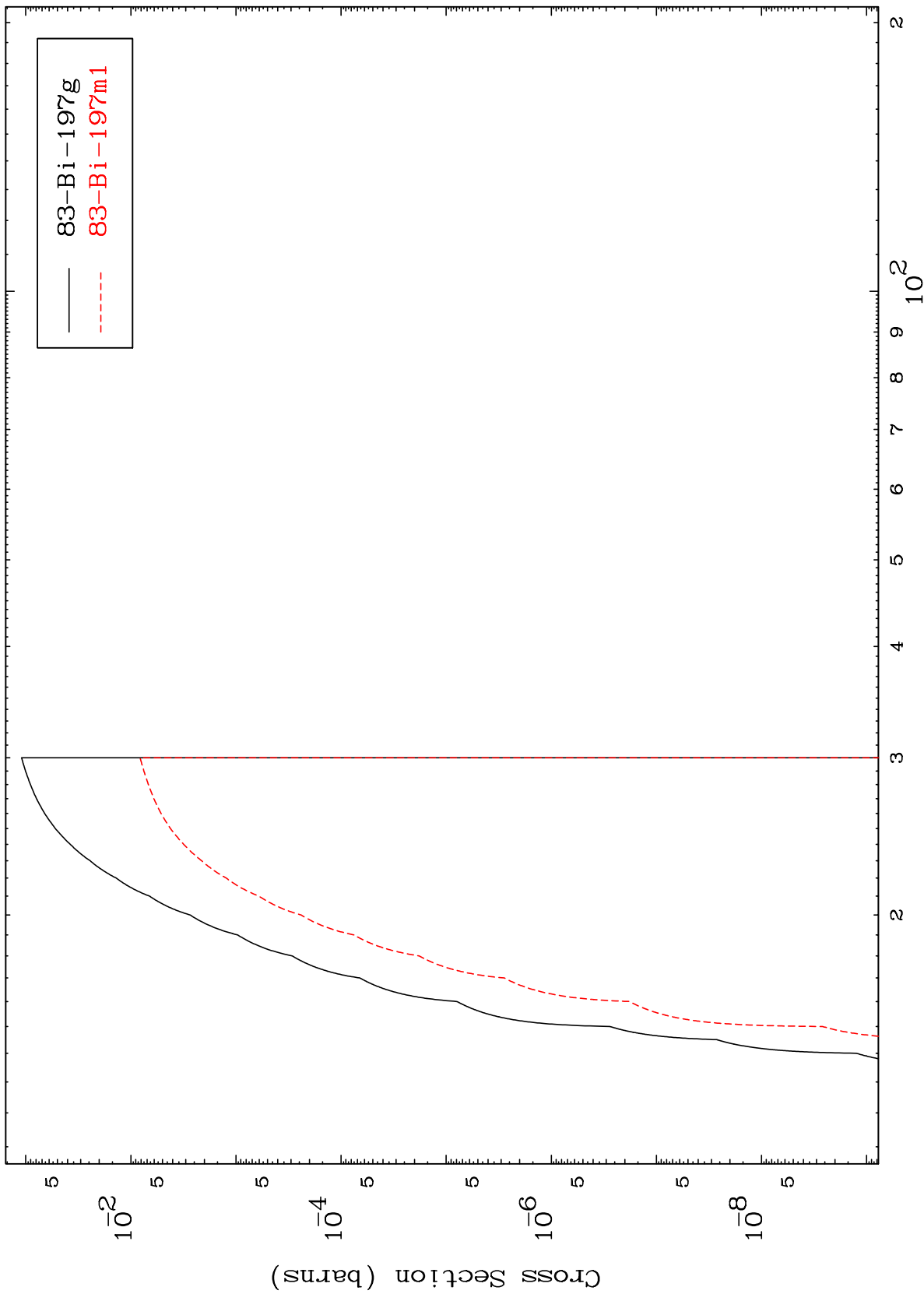
55

84-Po-199



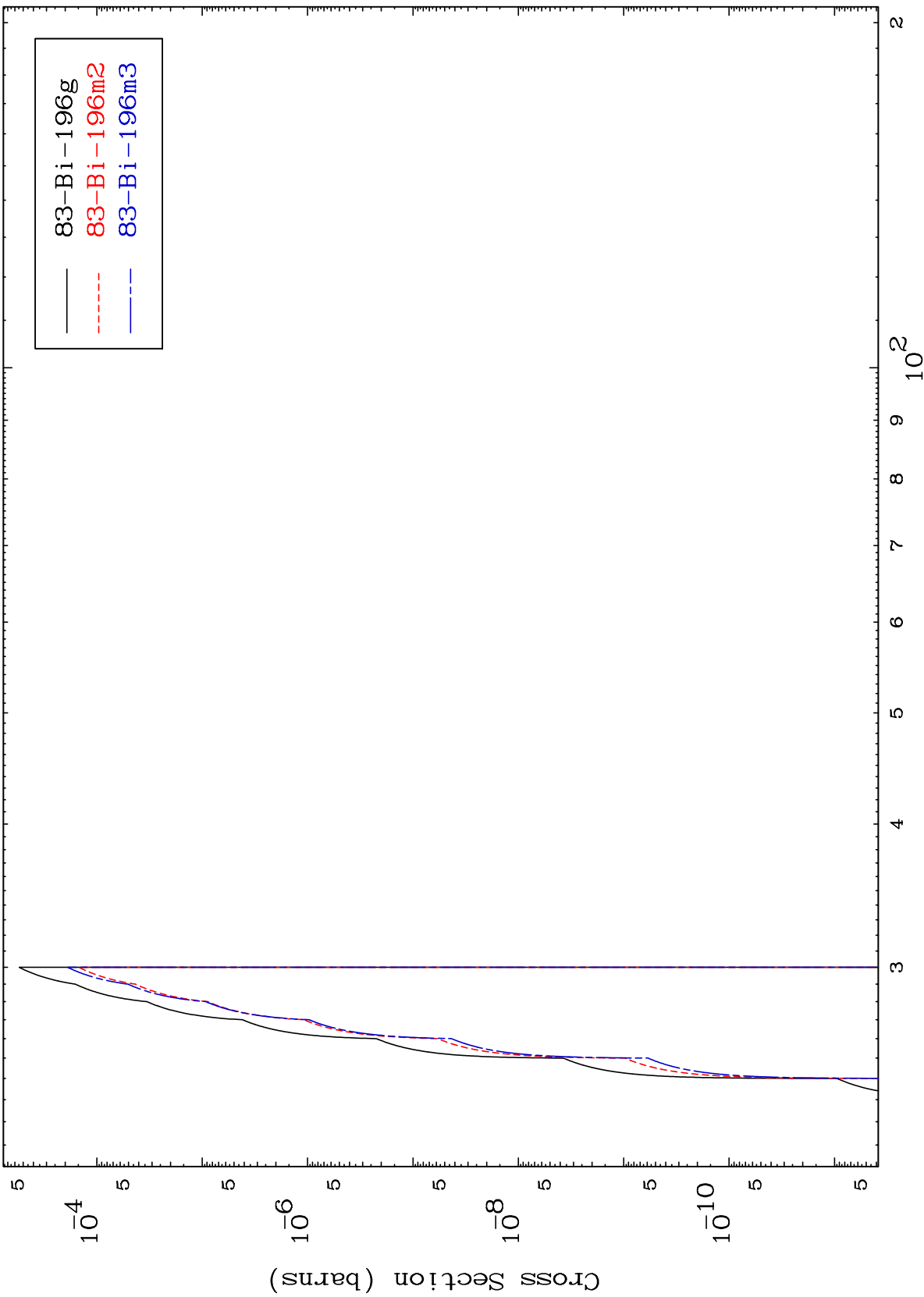


Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

Radionuclide Production Cross Section

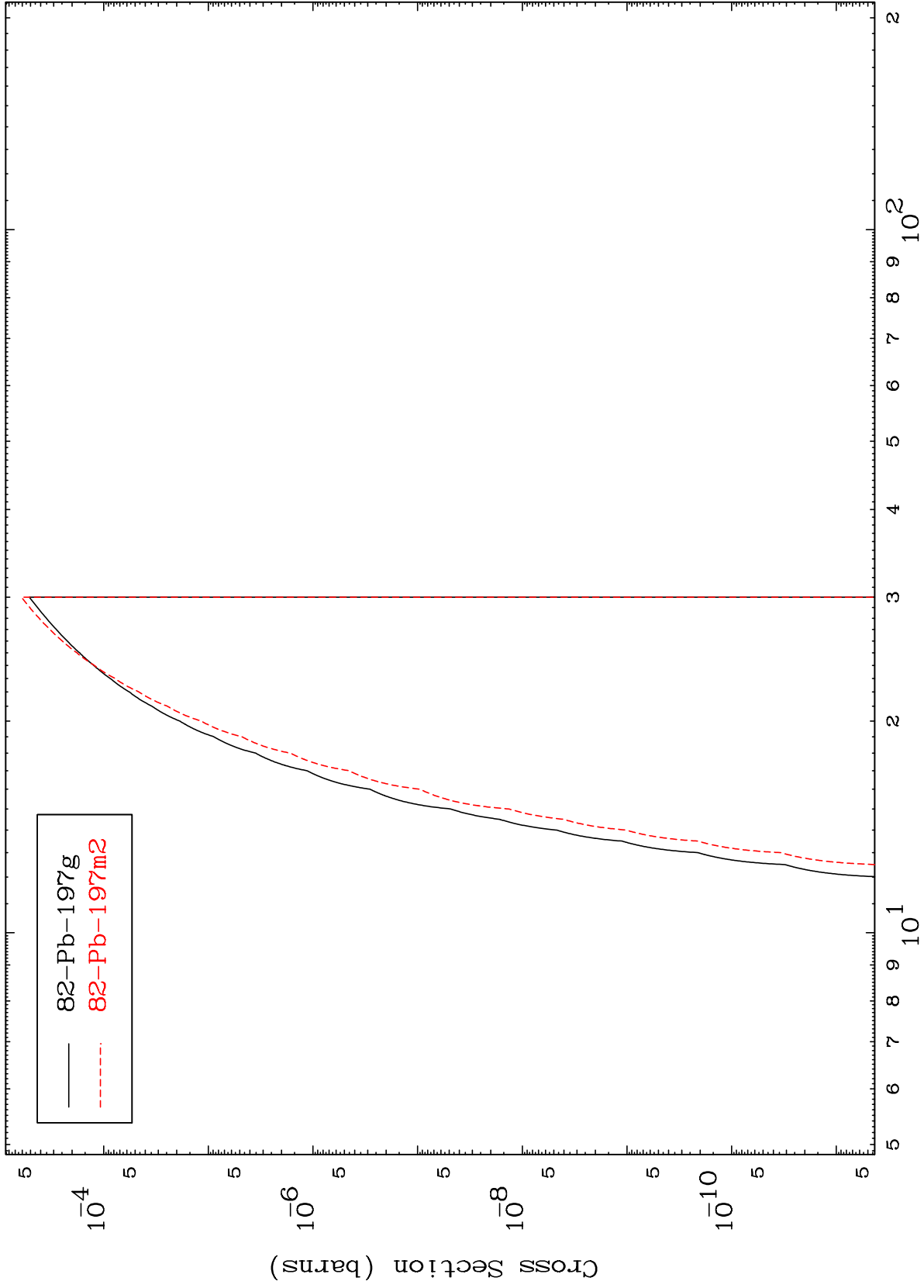


MAT 8404

(n,2n) p

84-Po-199

Radionuclide Production Cross Section



59

Incident Energy (MeV)

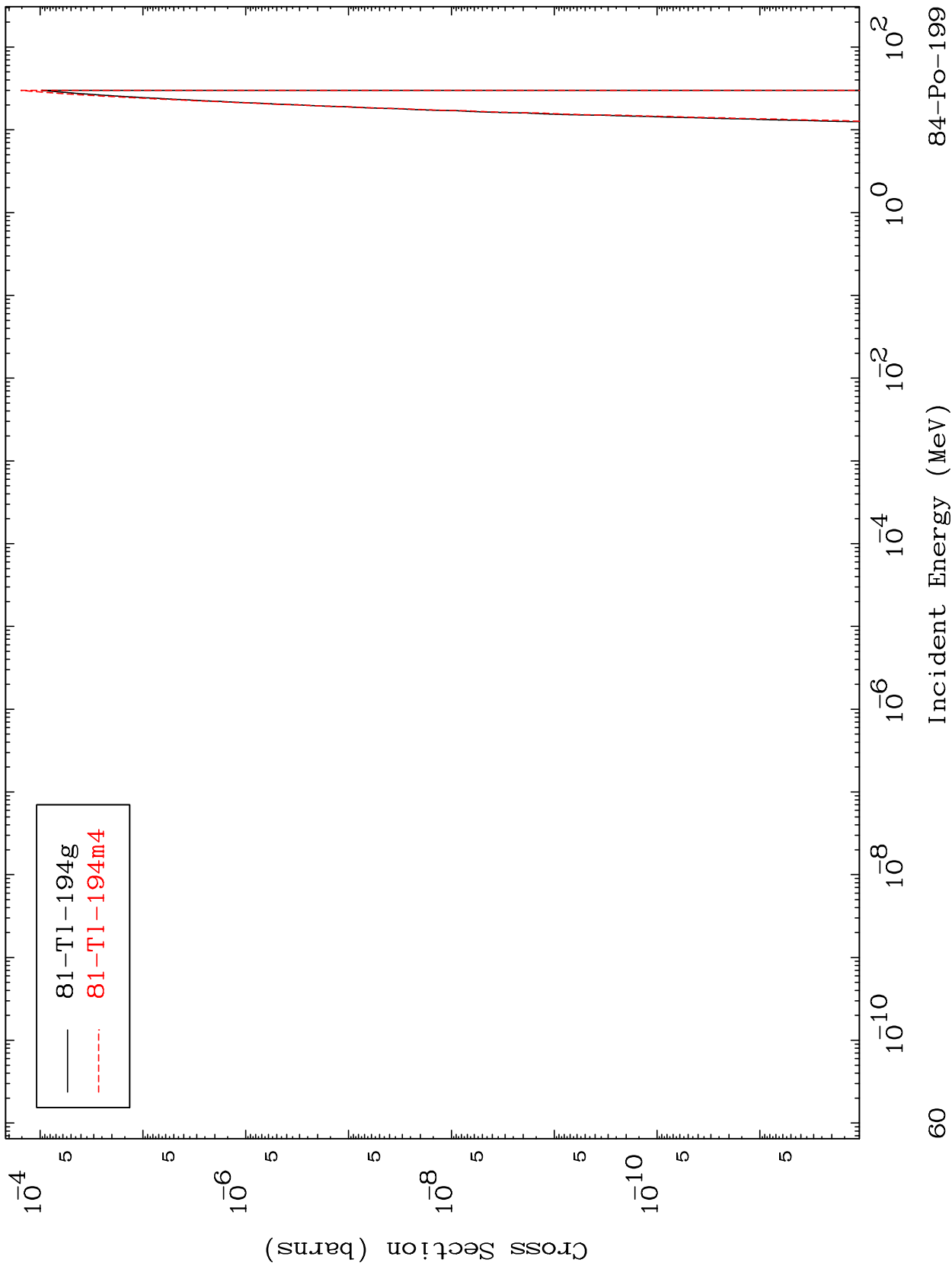
84-Po-199

MAT 8404

(n,n') p  $\alpha$

84-Po-199

Radionuclide Production Cross Section



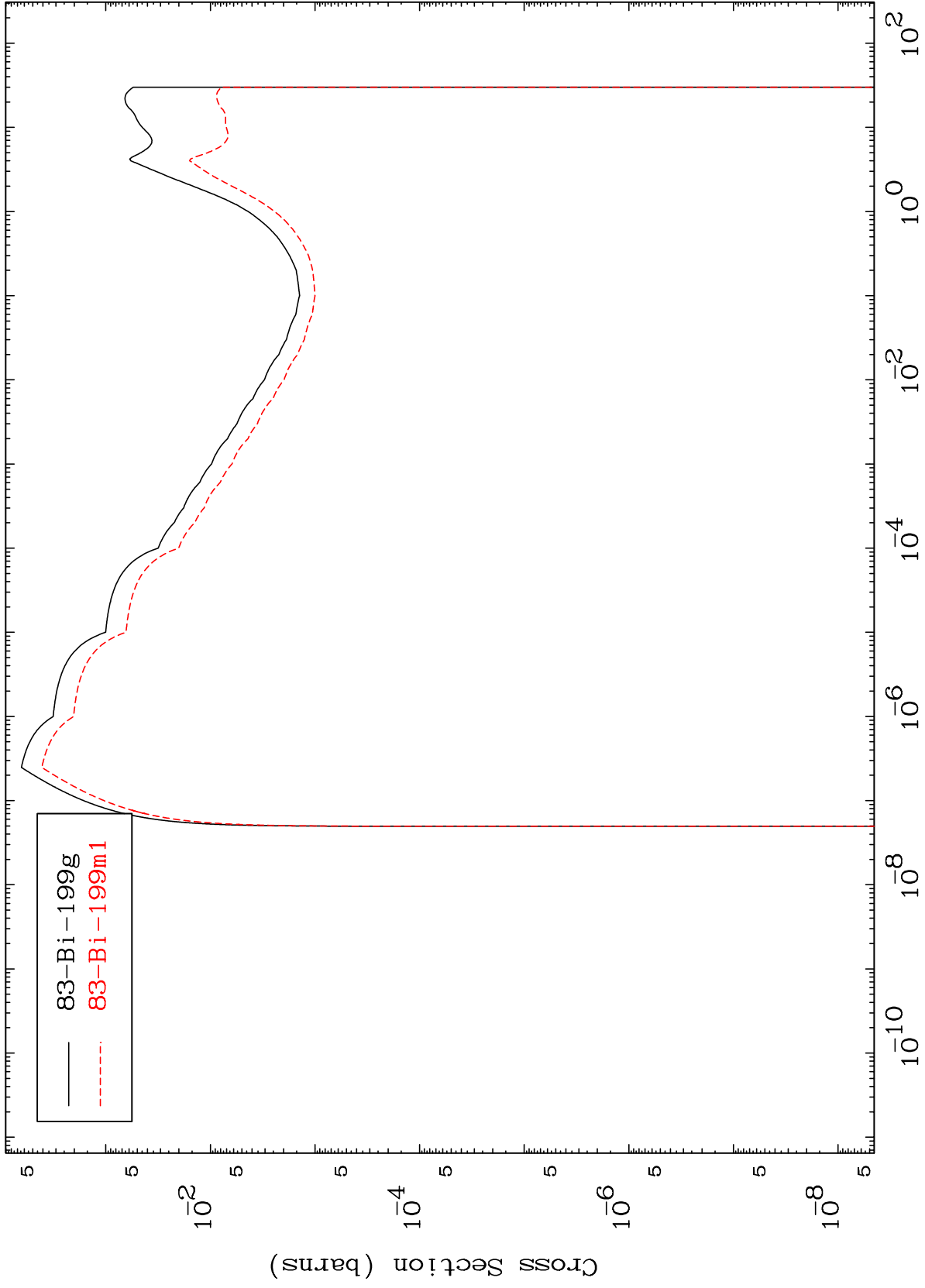
81-Tl-194g  
81-Tl-194m4

60

MAT 8404

84-Po-199

(n,p)  
Radionuclide Production Cross Section



61

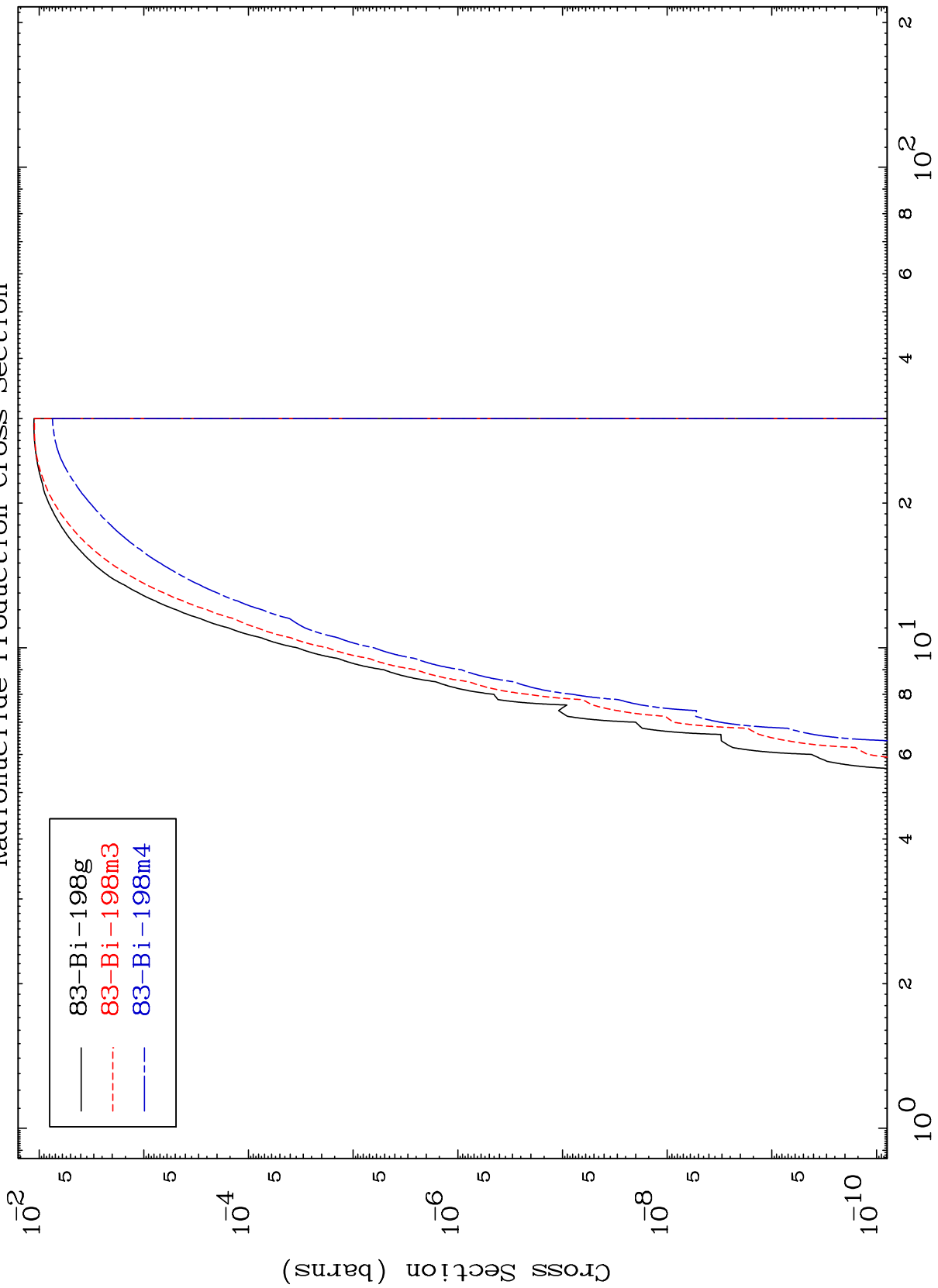
84-Po-199

MAT 8404

(n,d)

84-Po-199

Radionuclide Production Cross Section



Incident Energy (MeV)

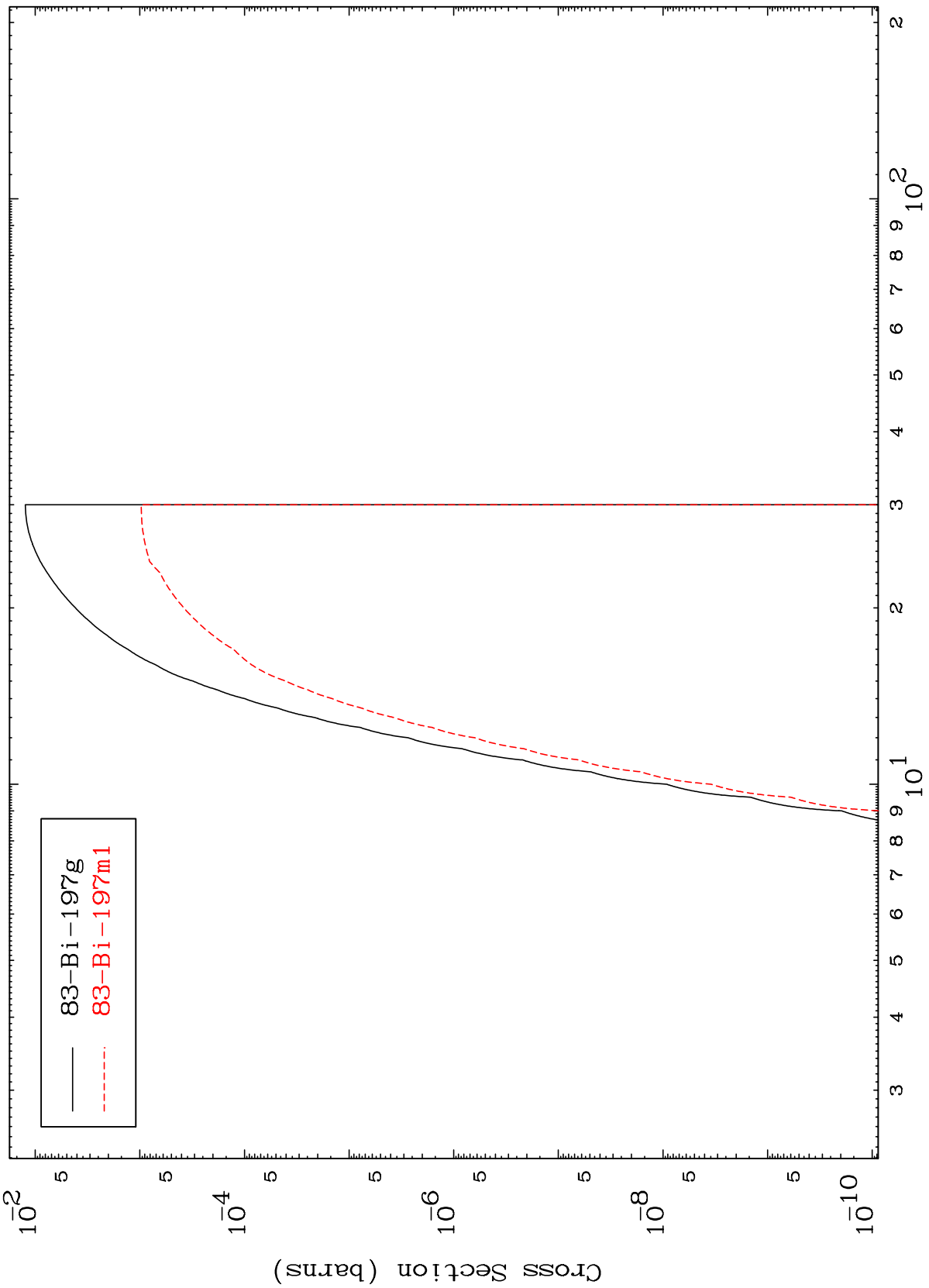
84-Po-199

62

MAT 8404

84-Po-199

(n, t)  
Radionuclide Production Cross Section



— 83-Bi-197g  
- - - 83-Bi-197m1

63

Incident Energy (MeV)

84-Po-199

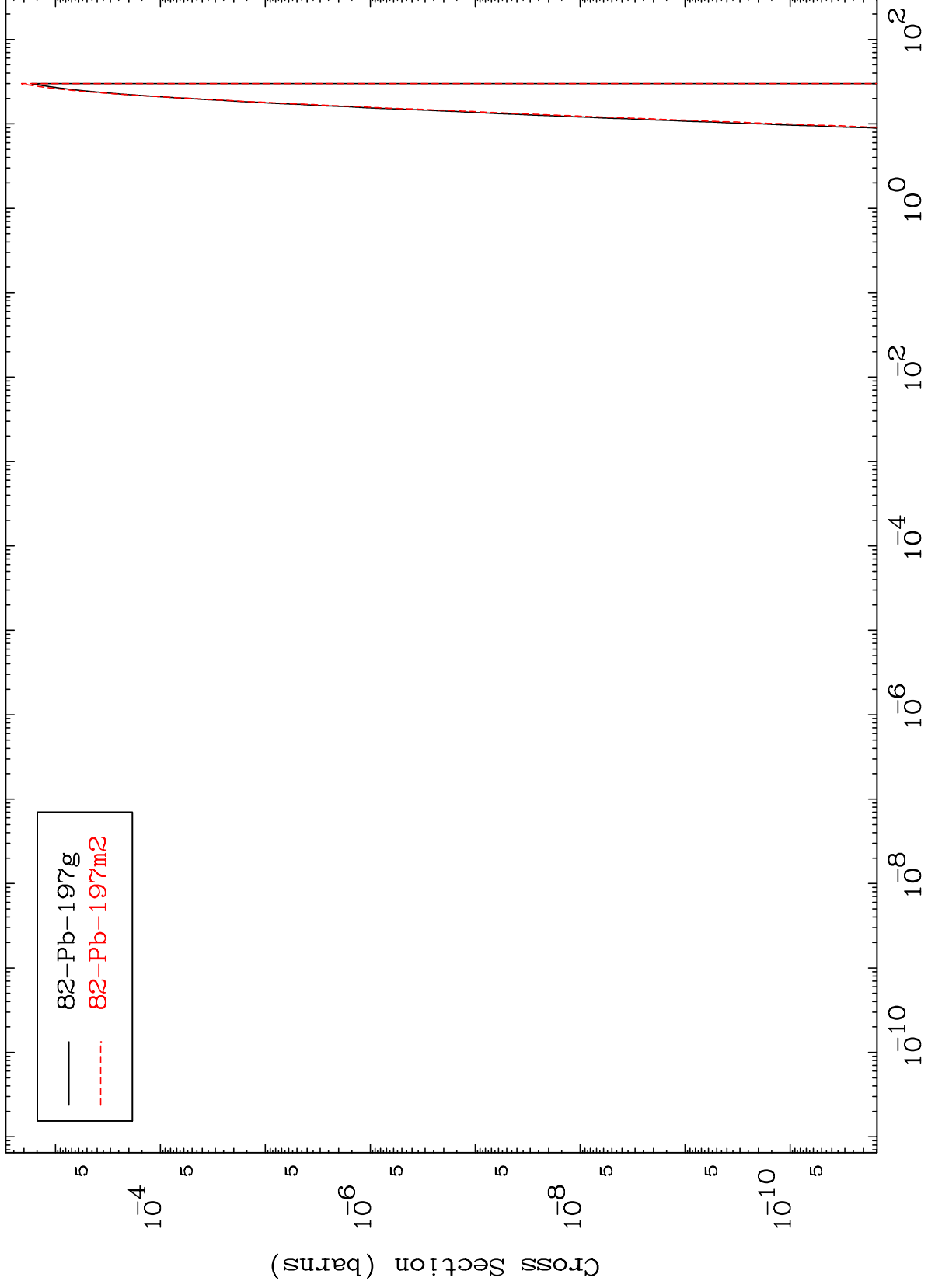


MAT 8404

(n,He-3)

84-Po-199

Radionuclide Production Cross Section



64

Incident Energy (MeV)

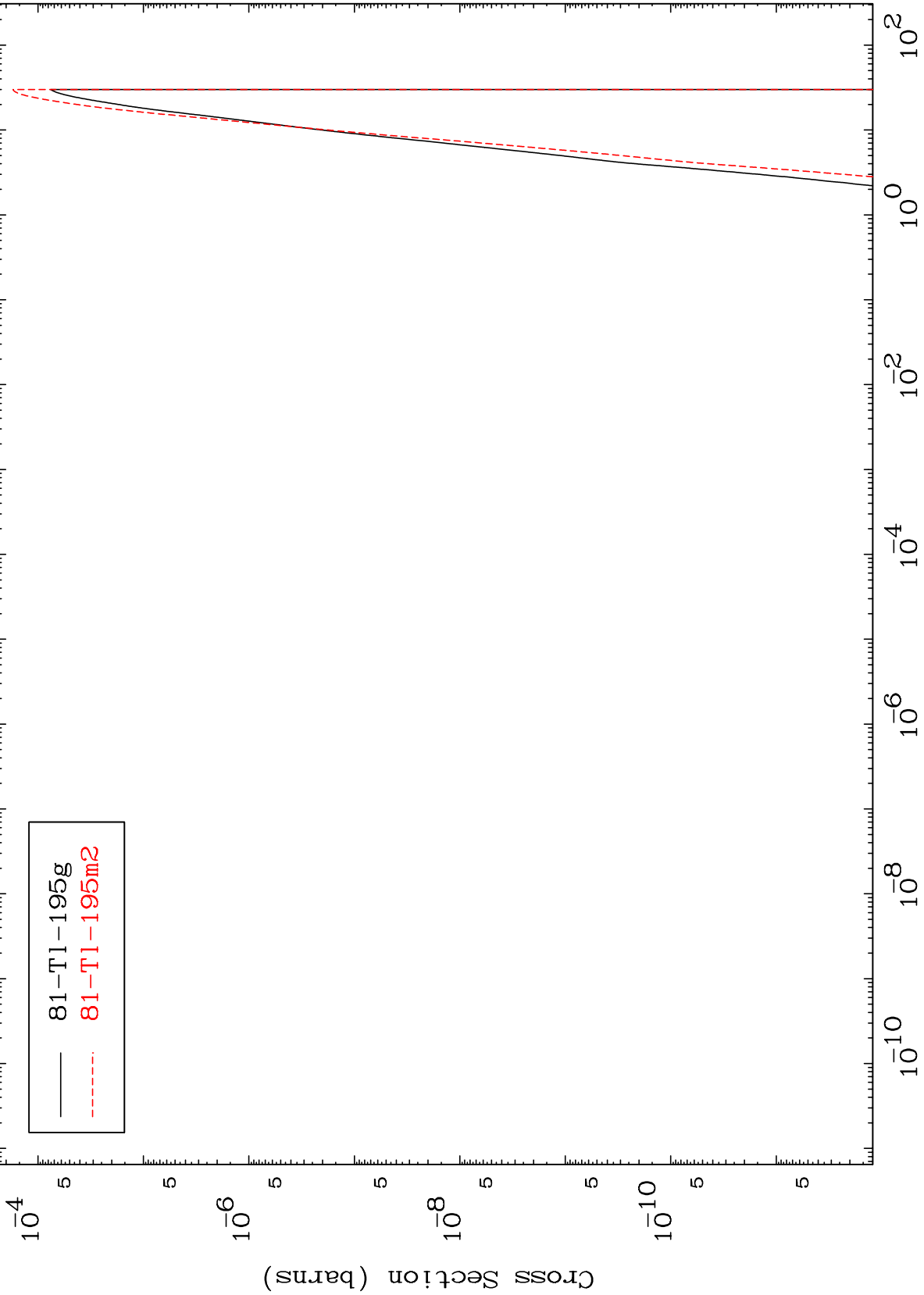
84-Po-199

MAT 8404

(n,p)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



65

Incident Energy (MeV)

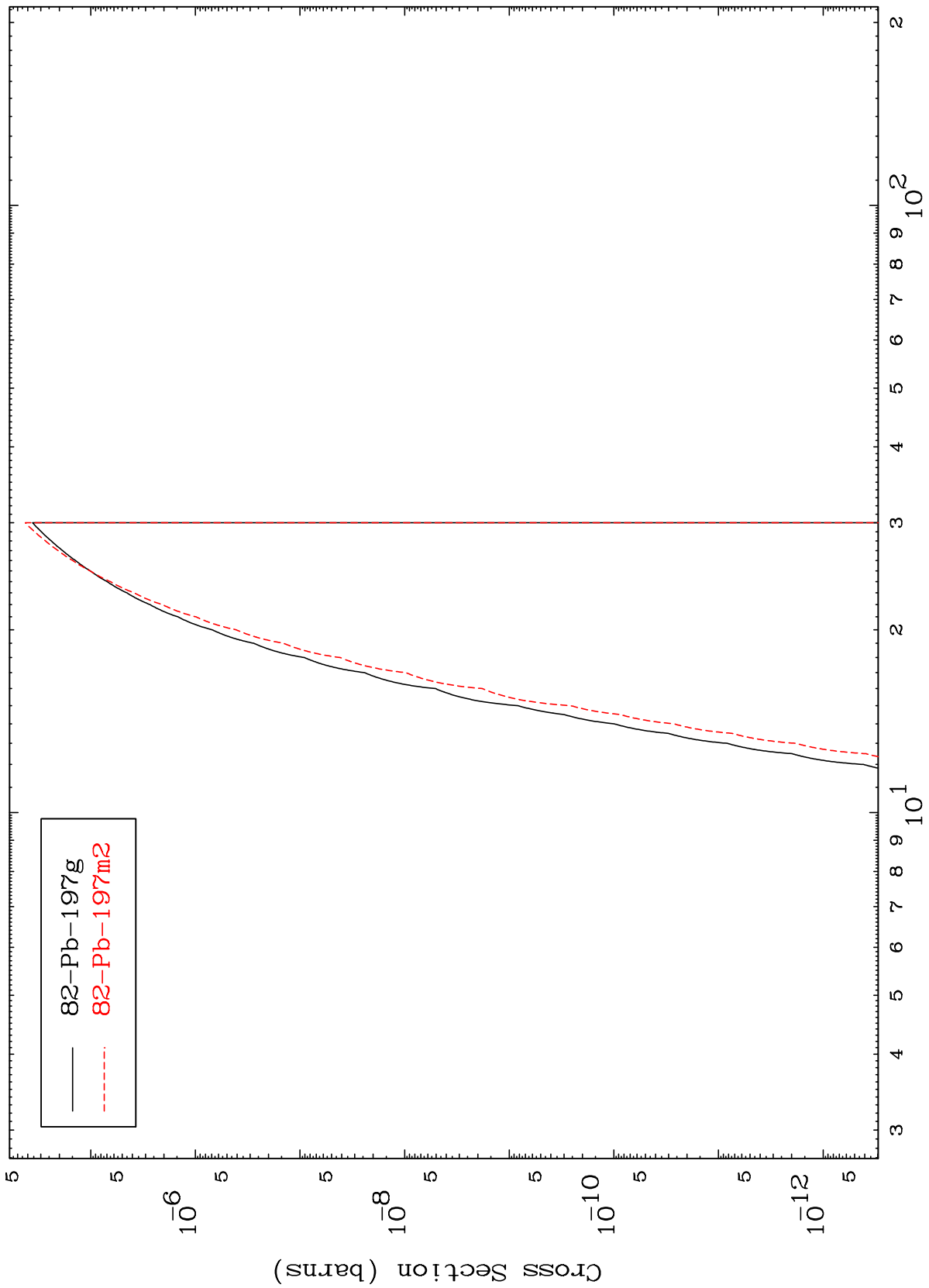
84-Po-199

MAT 8404

(n,p) d

84-Po-199

Radionuclide Production Cross Section



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

66

Incident Energy (MeV)

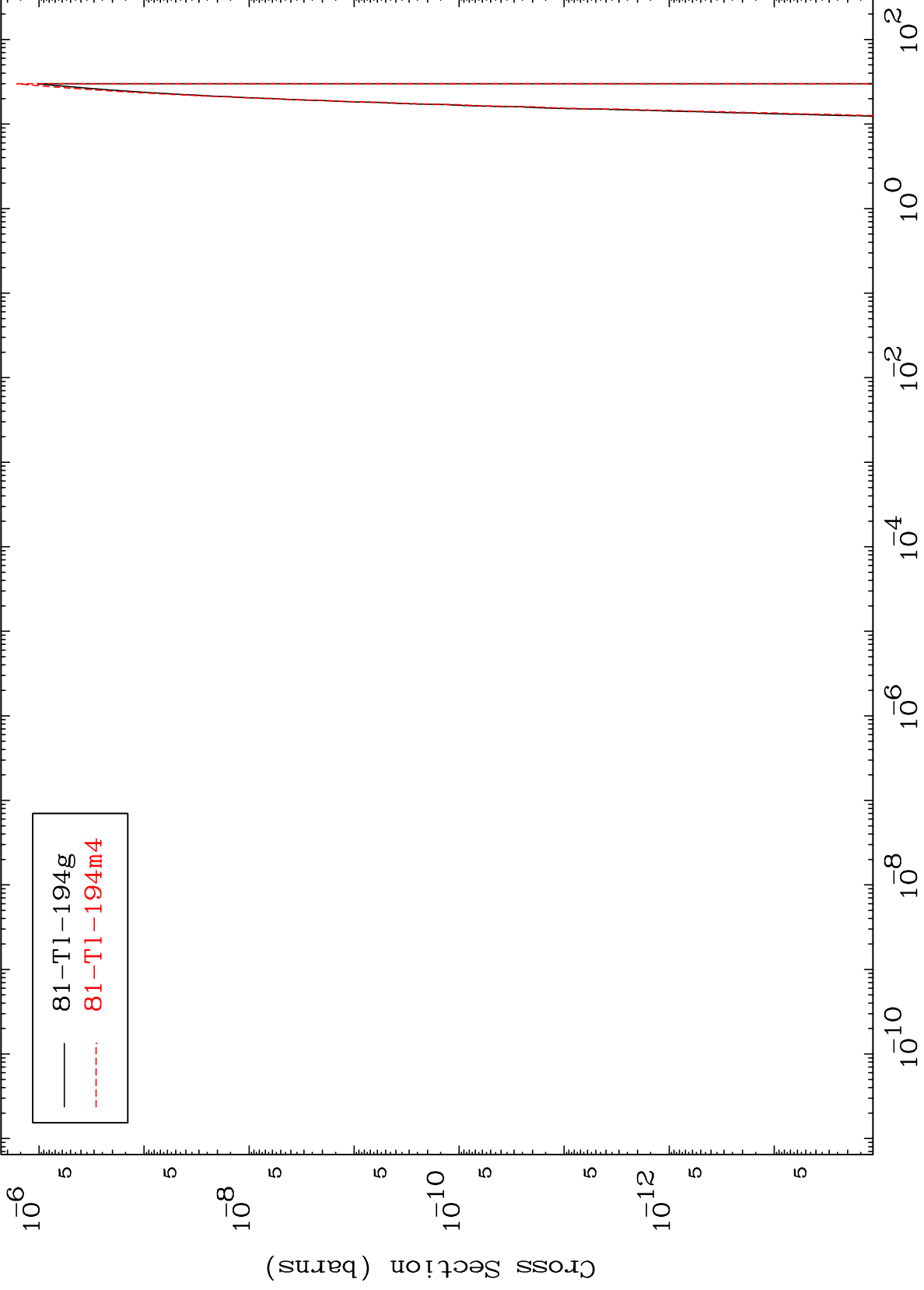
84-Po-199

MAT 8404

(n,d)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



67

Incident Energy (MeV)

84-Po-199