

Program EVALPLOT  
(Version 2021-1)

by

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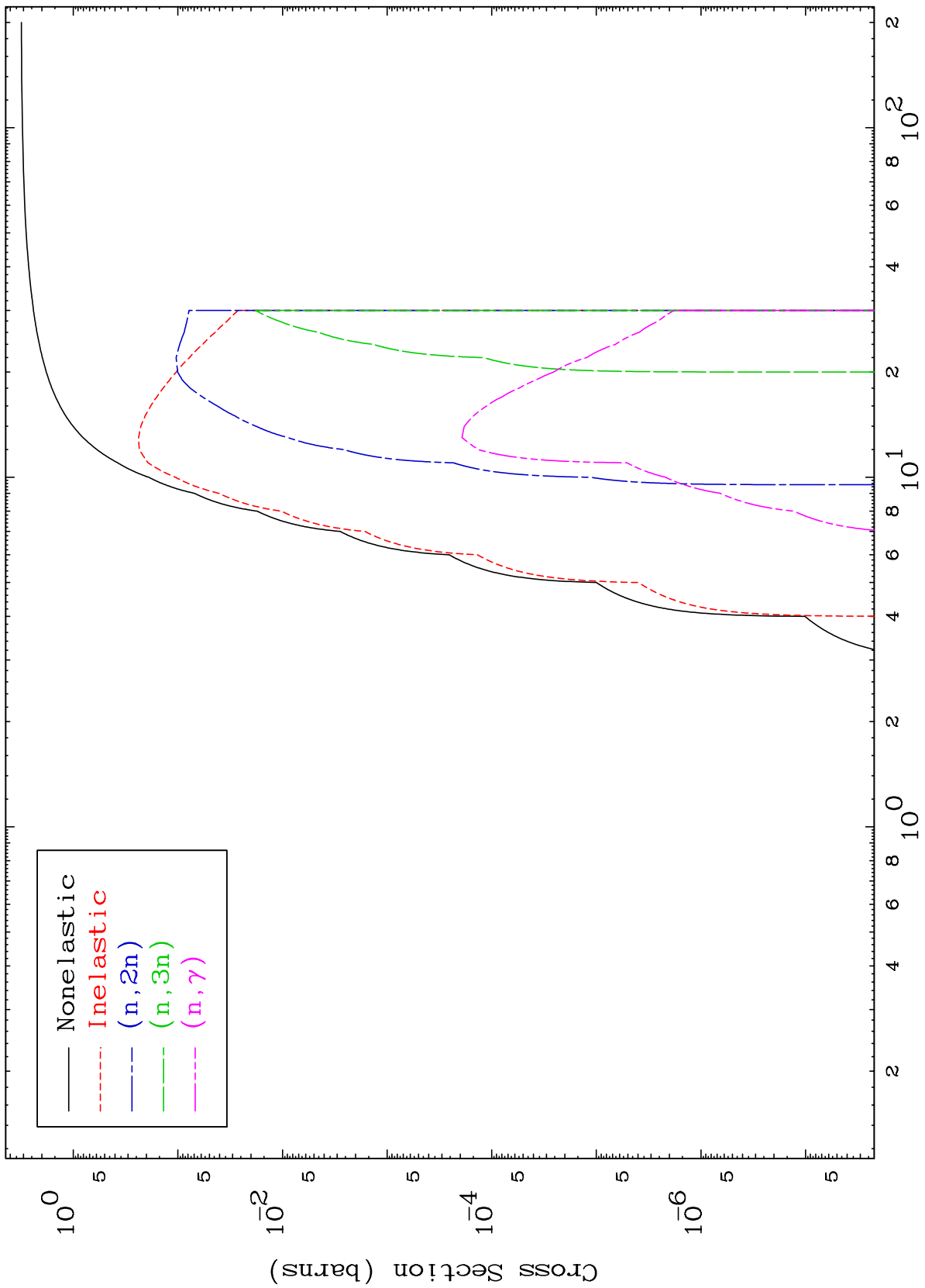
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8404

Deuteron Major  
0 Kelvin Cross Sections

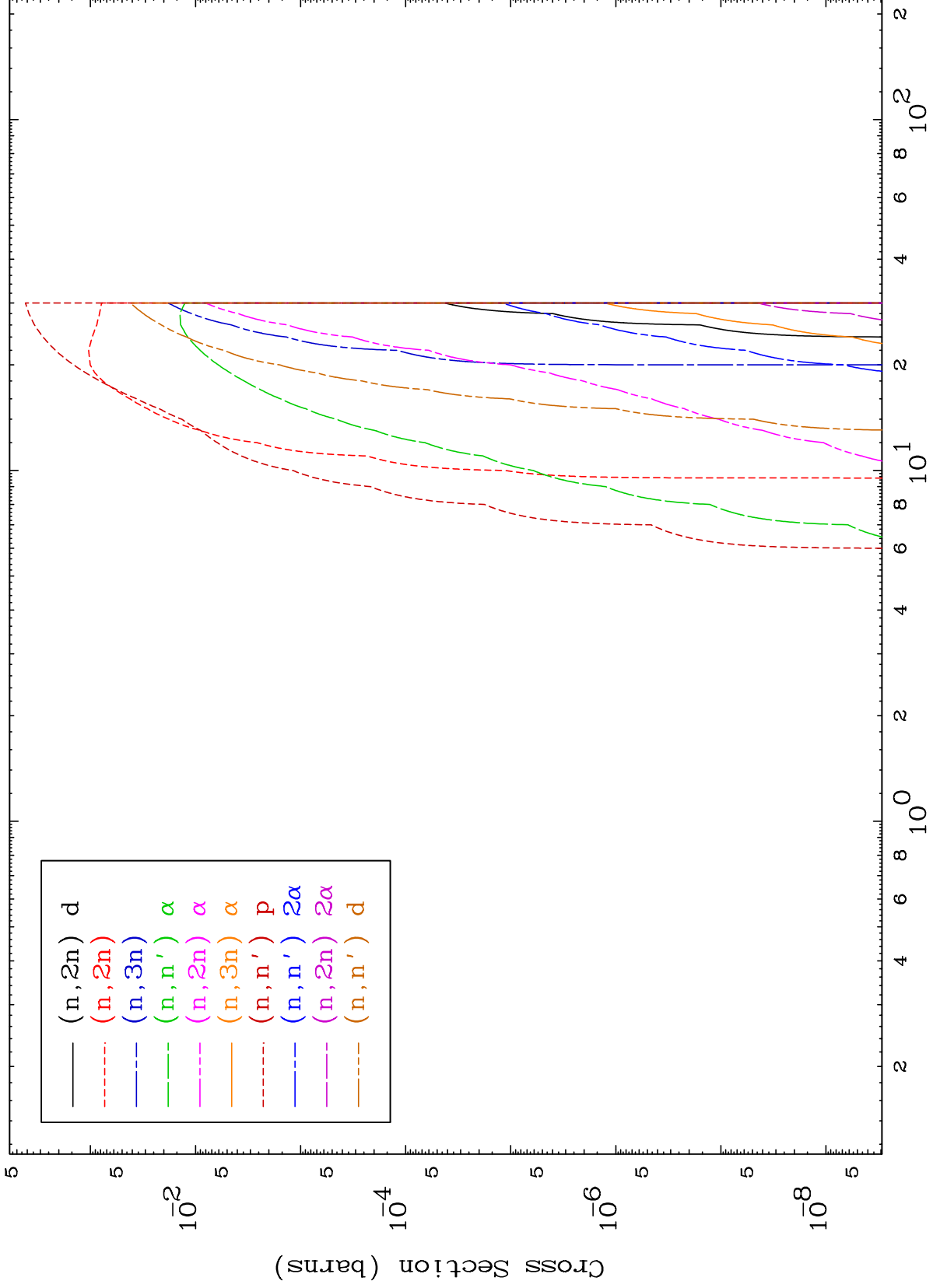
84-Po-199

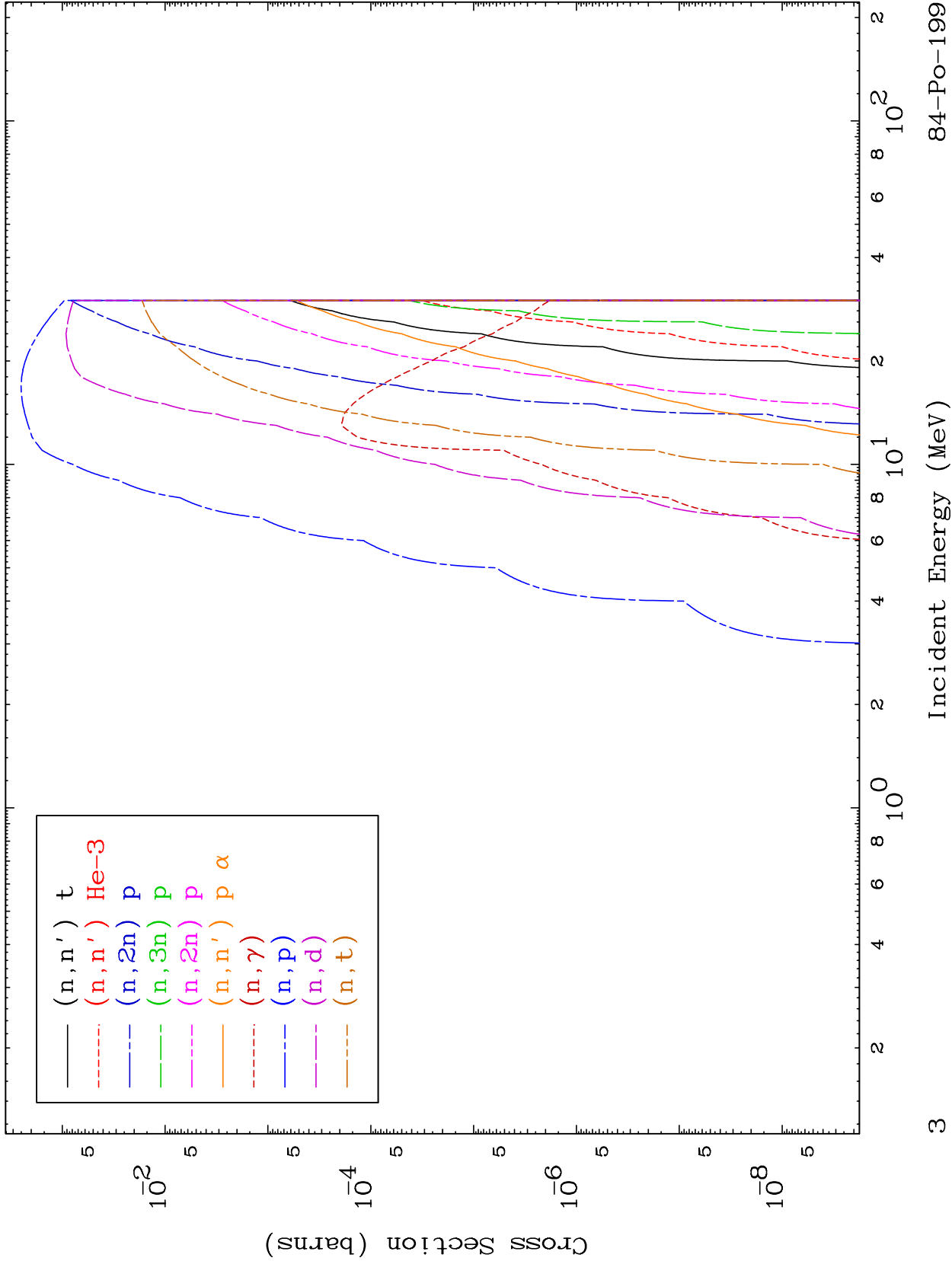


MAT 8404

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

84-Po-199

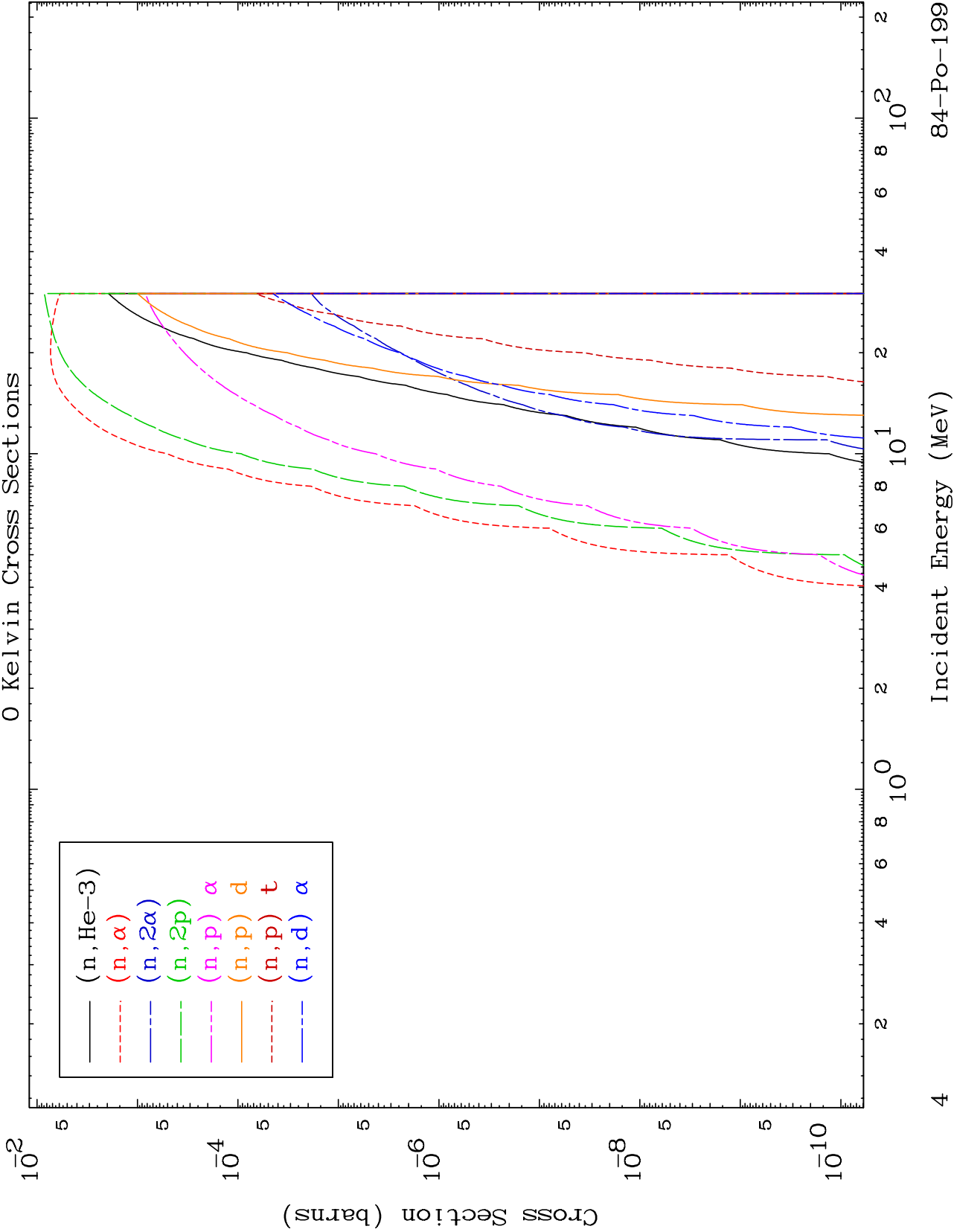




MAT 8404

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

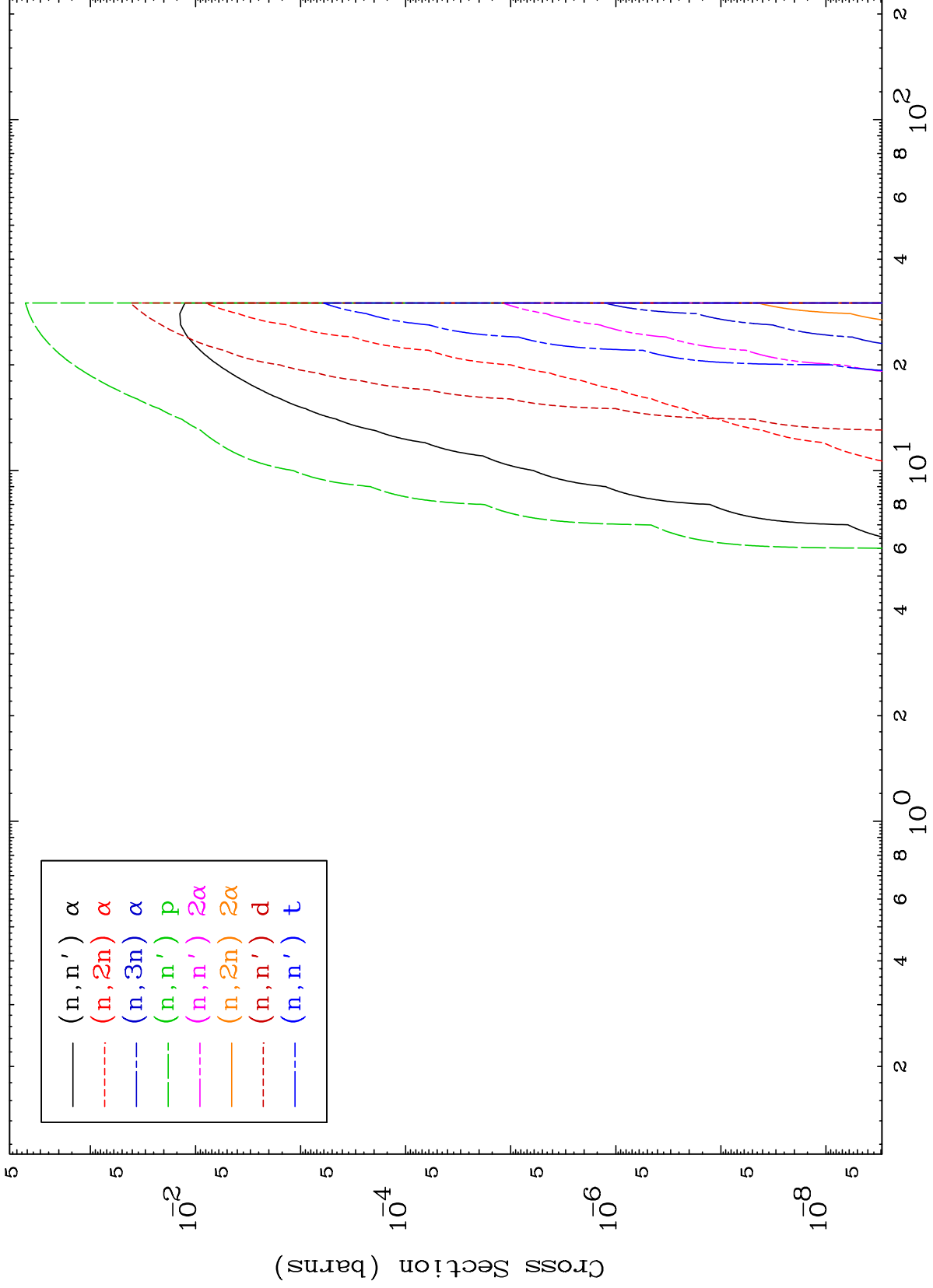
84-Po-199



MAT 8404

Deuteron Charged Particle  
0 Kelvin Cross Sections

84-Po-199



5

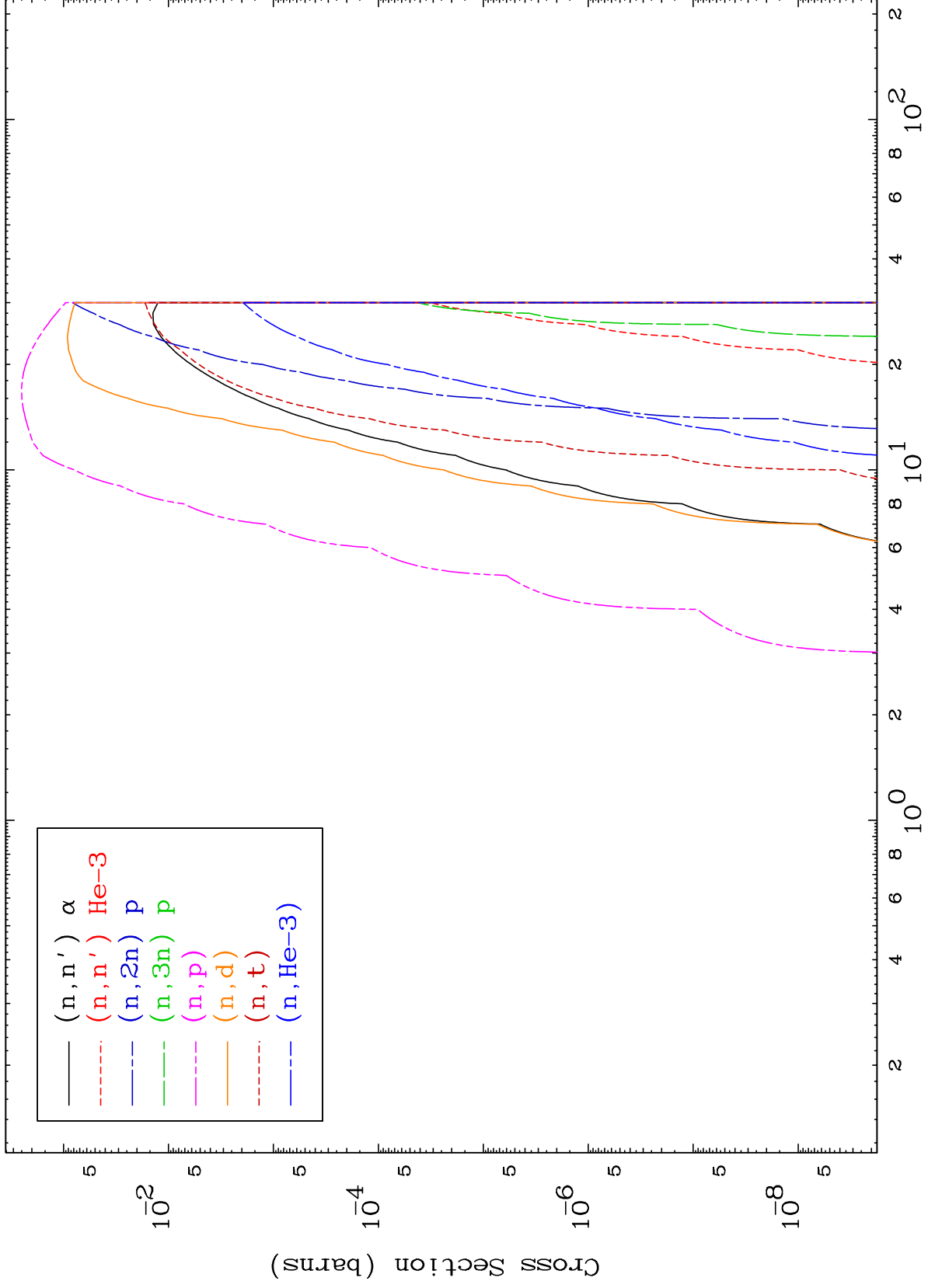
Incident Energy (MeV)

84-Po-199

MAT 8404

Deuteron Charged Particle  
0 Kelvin Cross Sections

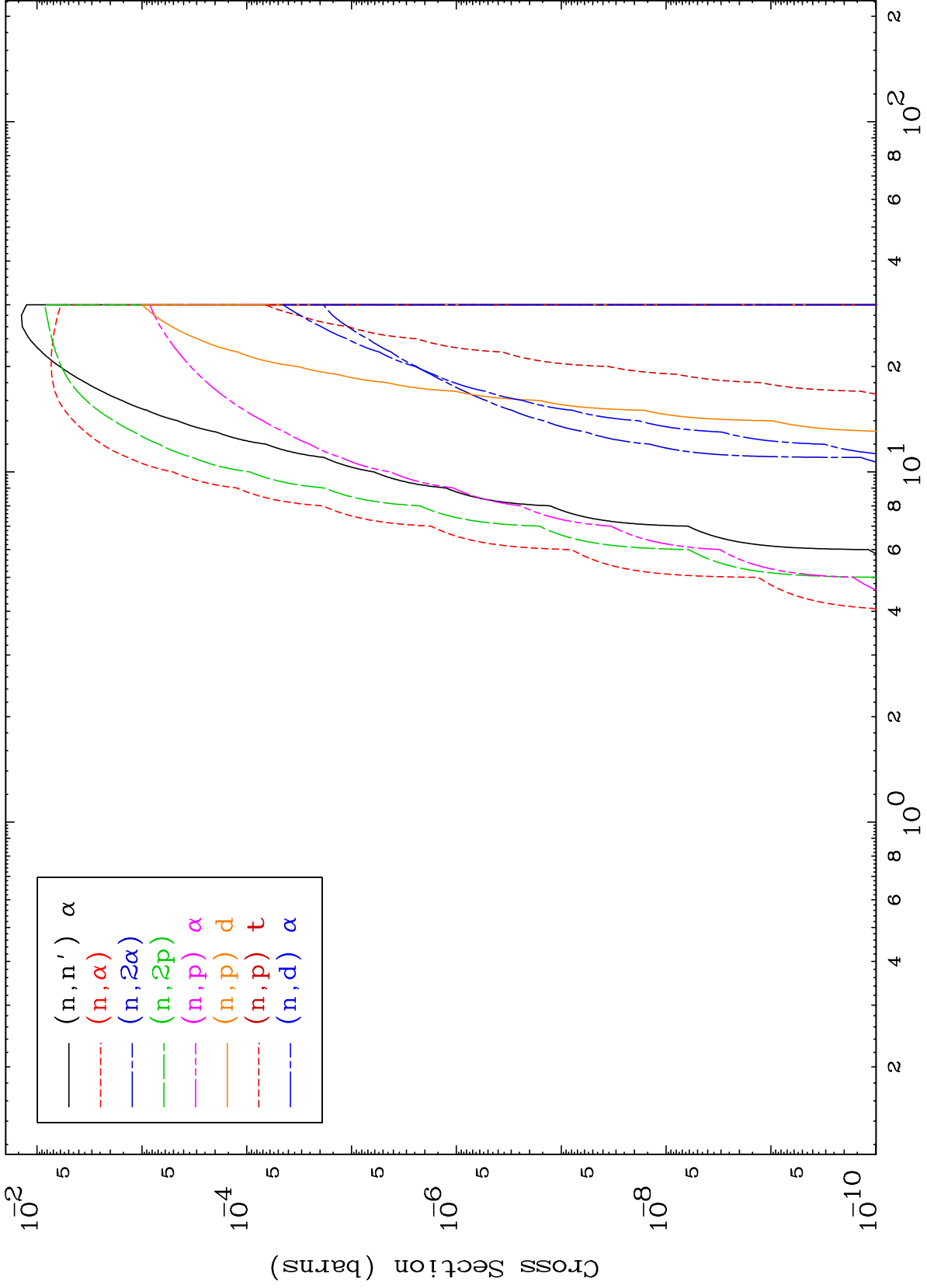
84-Po-199



MAT 8404

Deuteron Charged Particle  
0 Kelvin Cross Sections

84-Po-199



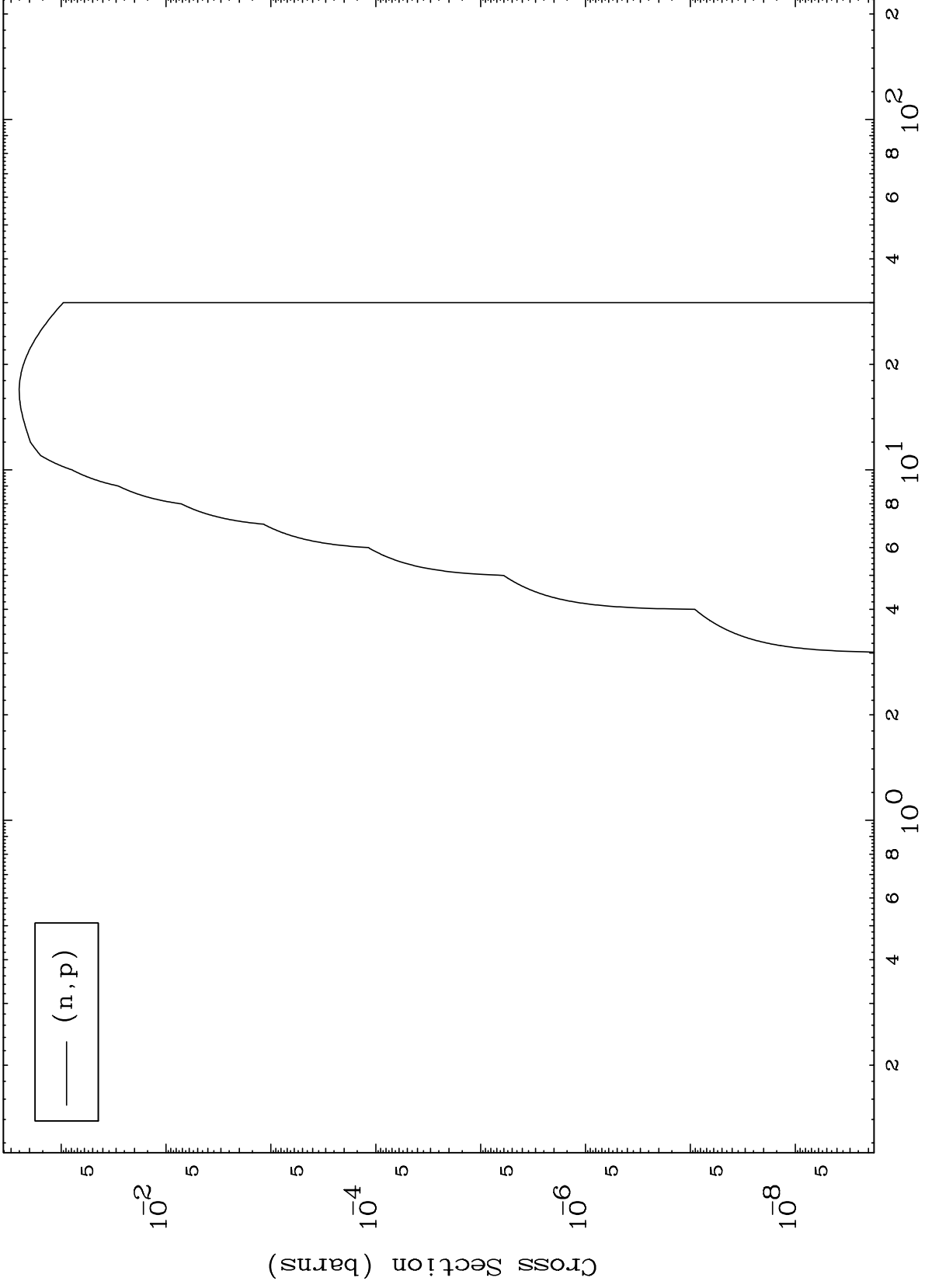


MAT 8404

(d,p) Levels

84-Po-199

0 Kelvin Cross Sections



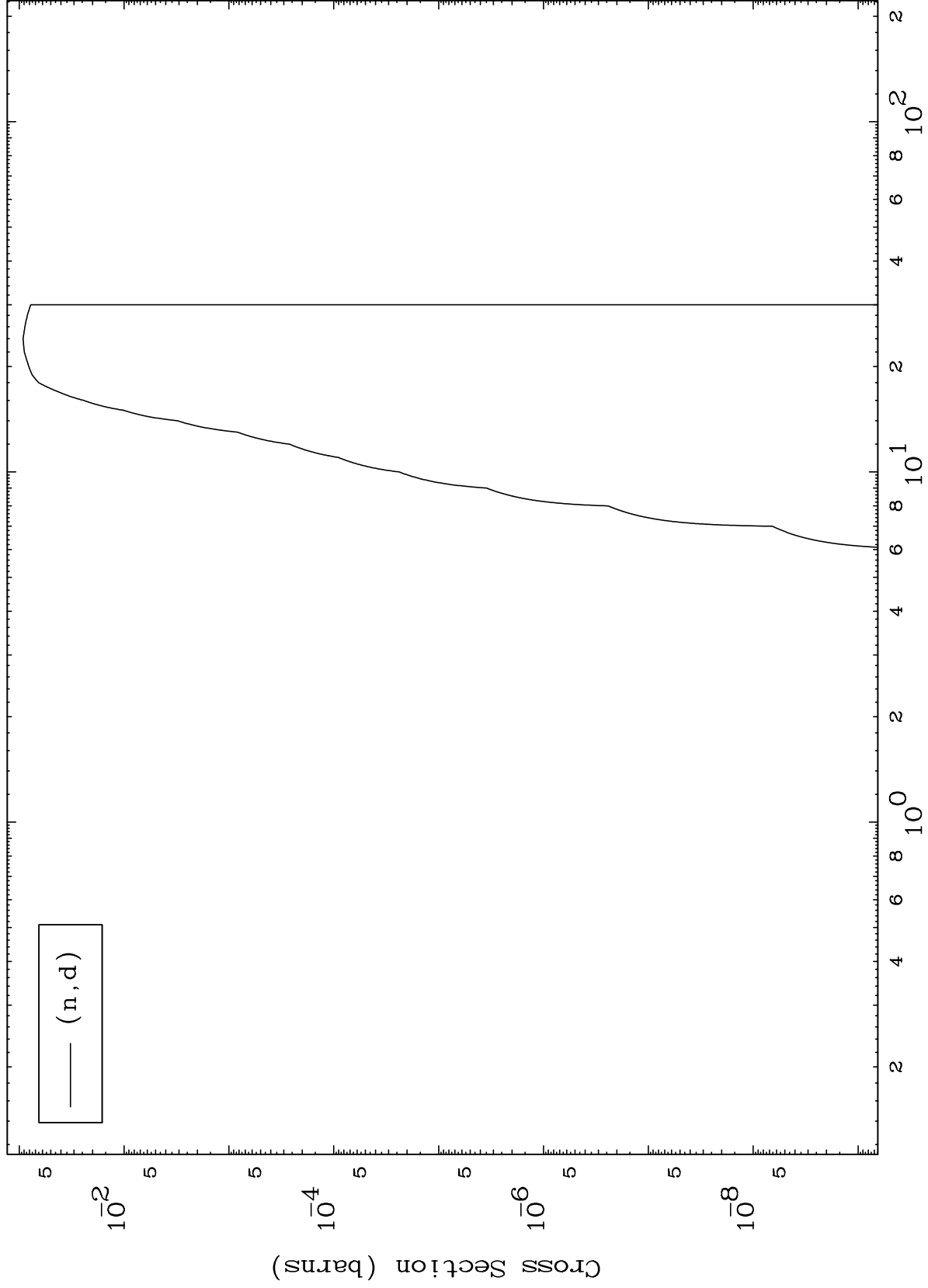
(n,p)

MAT 8404

(d,d) Levels

84-Po-199

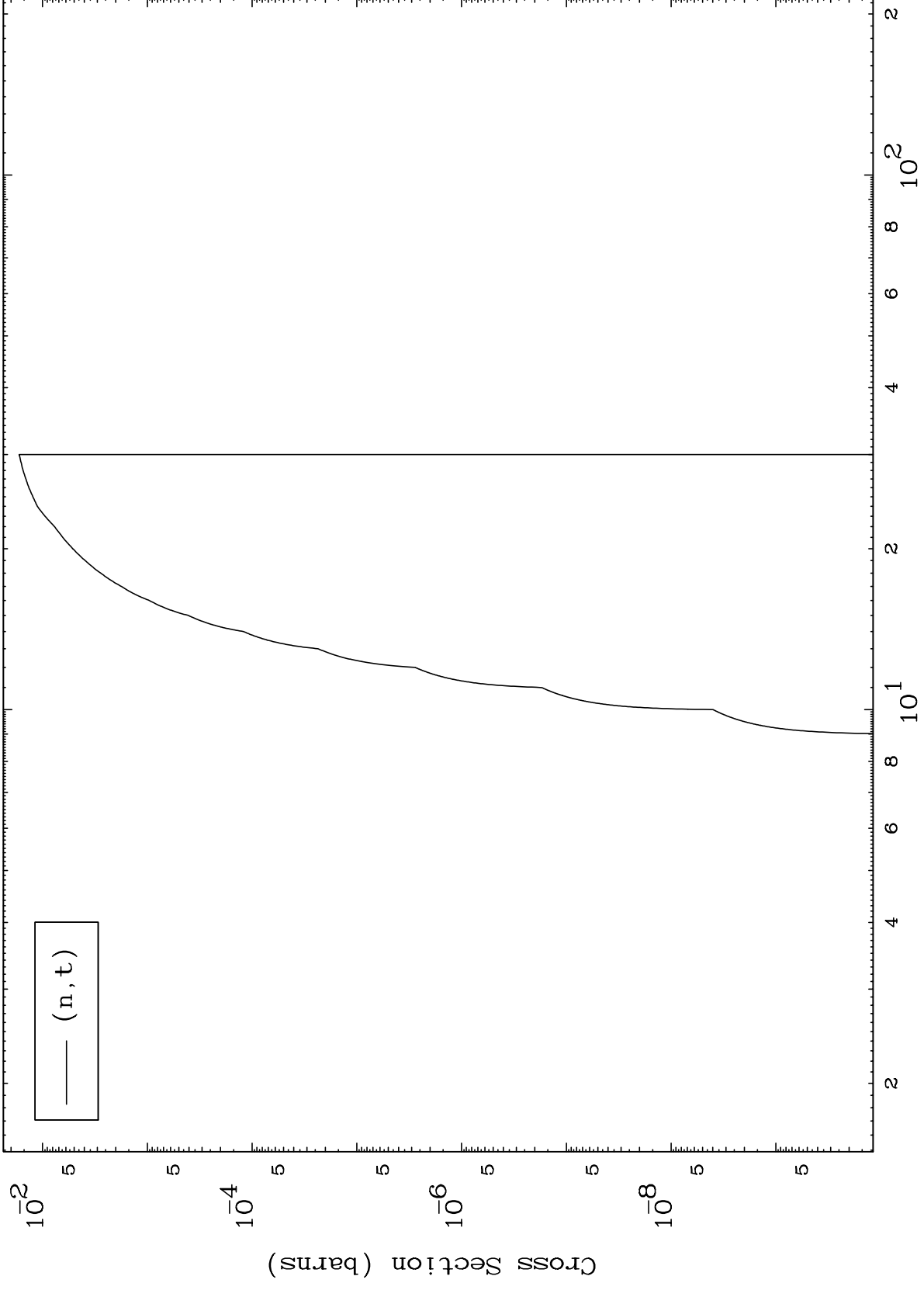
0 Kelvin Cross Sections



MAT 8404

(d,t) Levels  
0 Kelvin Cross Sections

84-Po-199



10

Incident Energy (MeV)

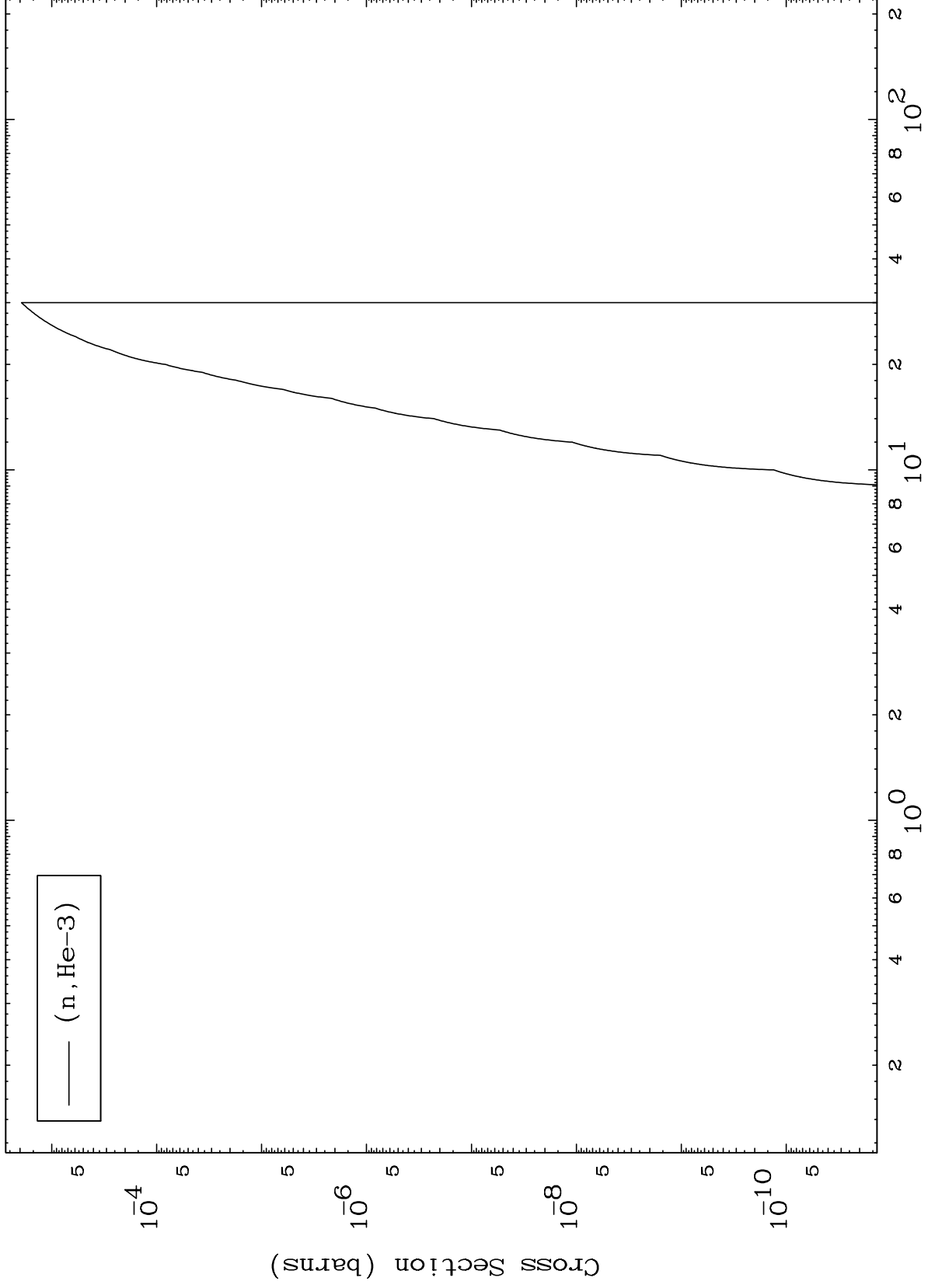
84-Po-199

MAT 8404

(d,He3) Levels

84-Po-199

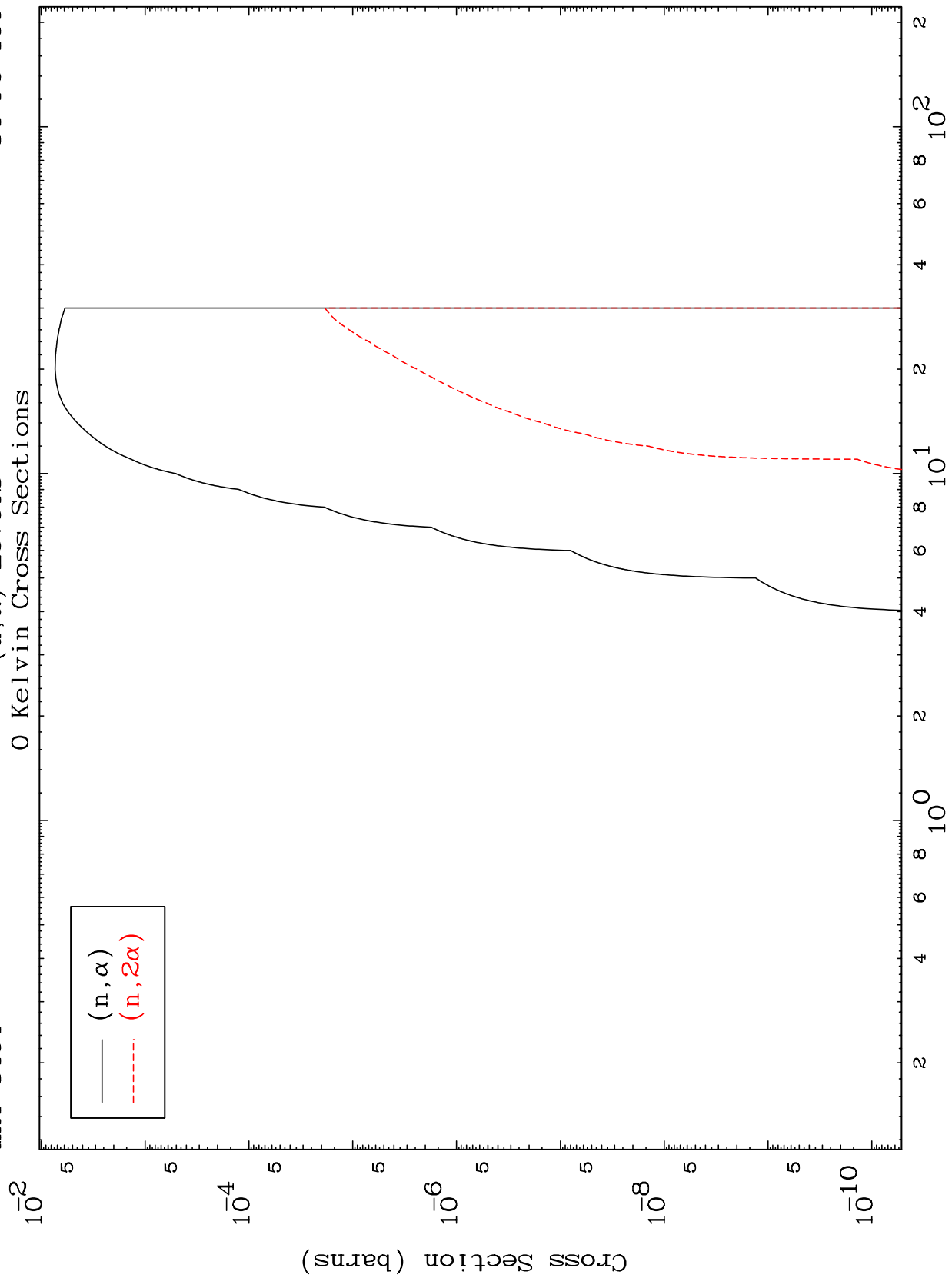
0 Kelvin Cross Sections



MAT 8404

84-Po-199

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

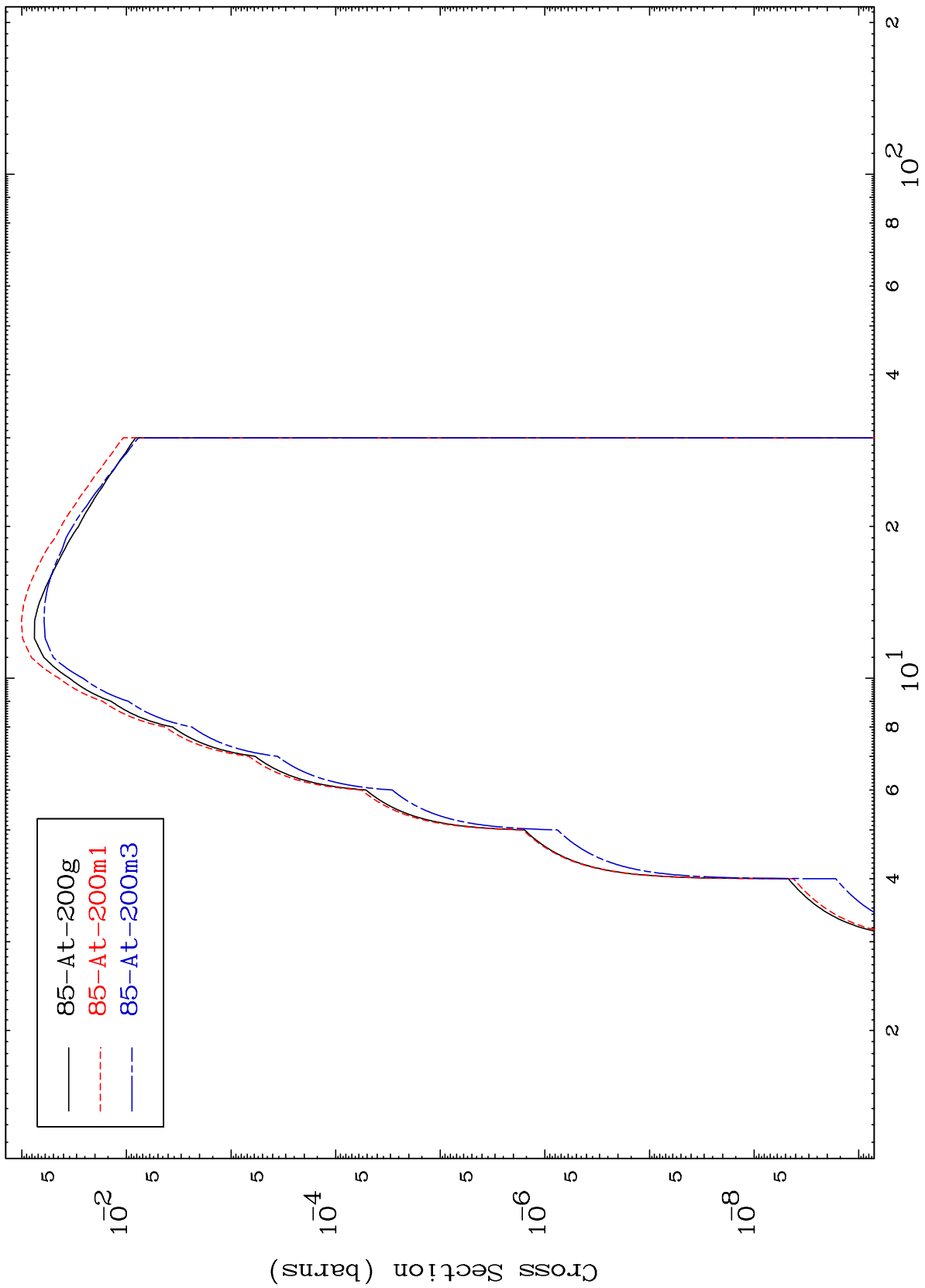


84-Po-199

Incident Energy (MeV)

12

Inelastic  
Radionuclide Production Cross Section

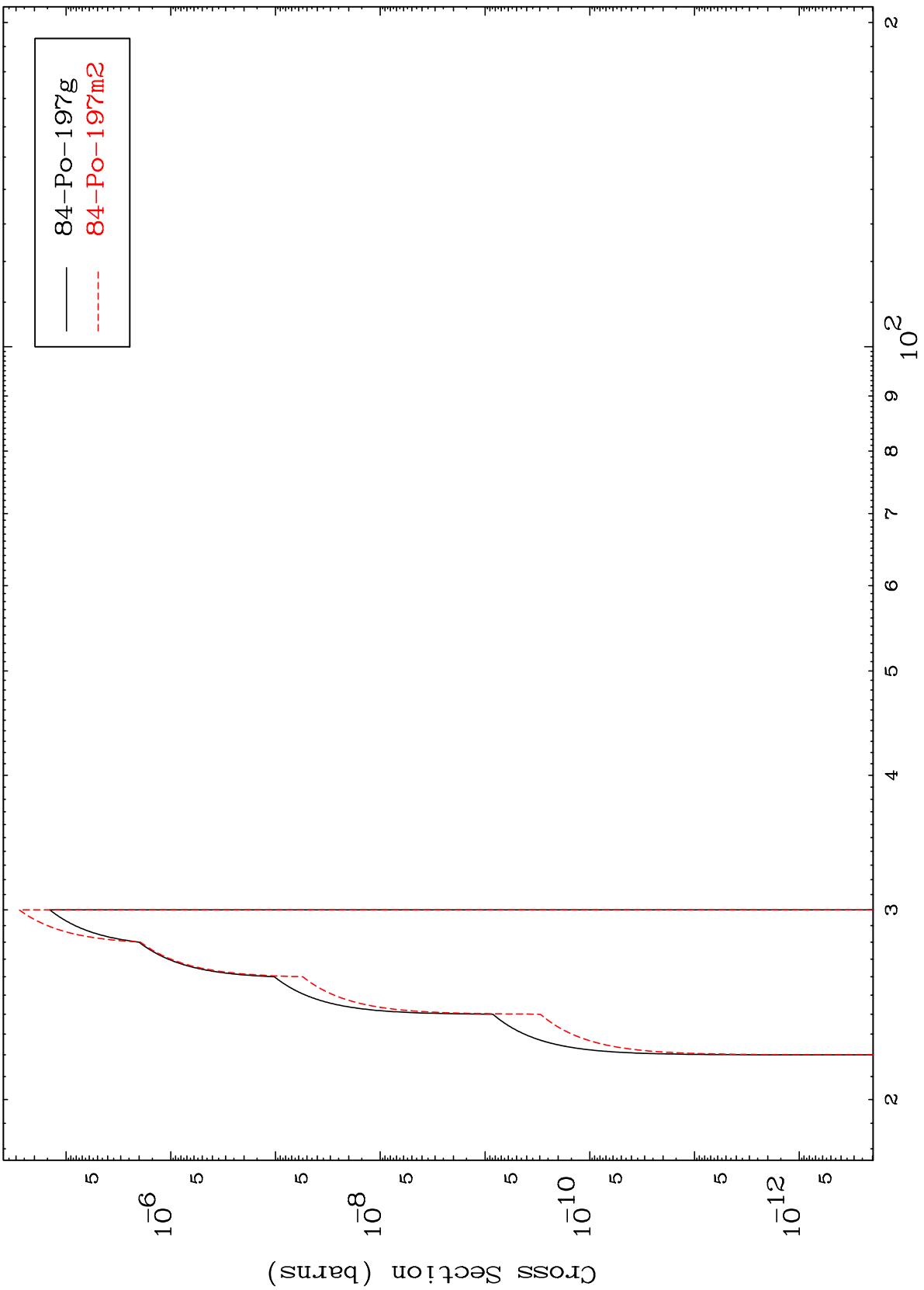


MAT 8404

(n,2n) d

84-Po-199

Radionuclide Production Cross Section



84-Po-197g  
84-Po-197m2

14

Incident Energy (MeV)

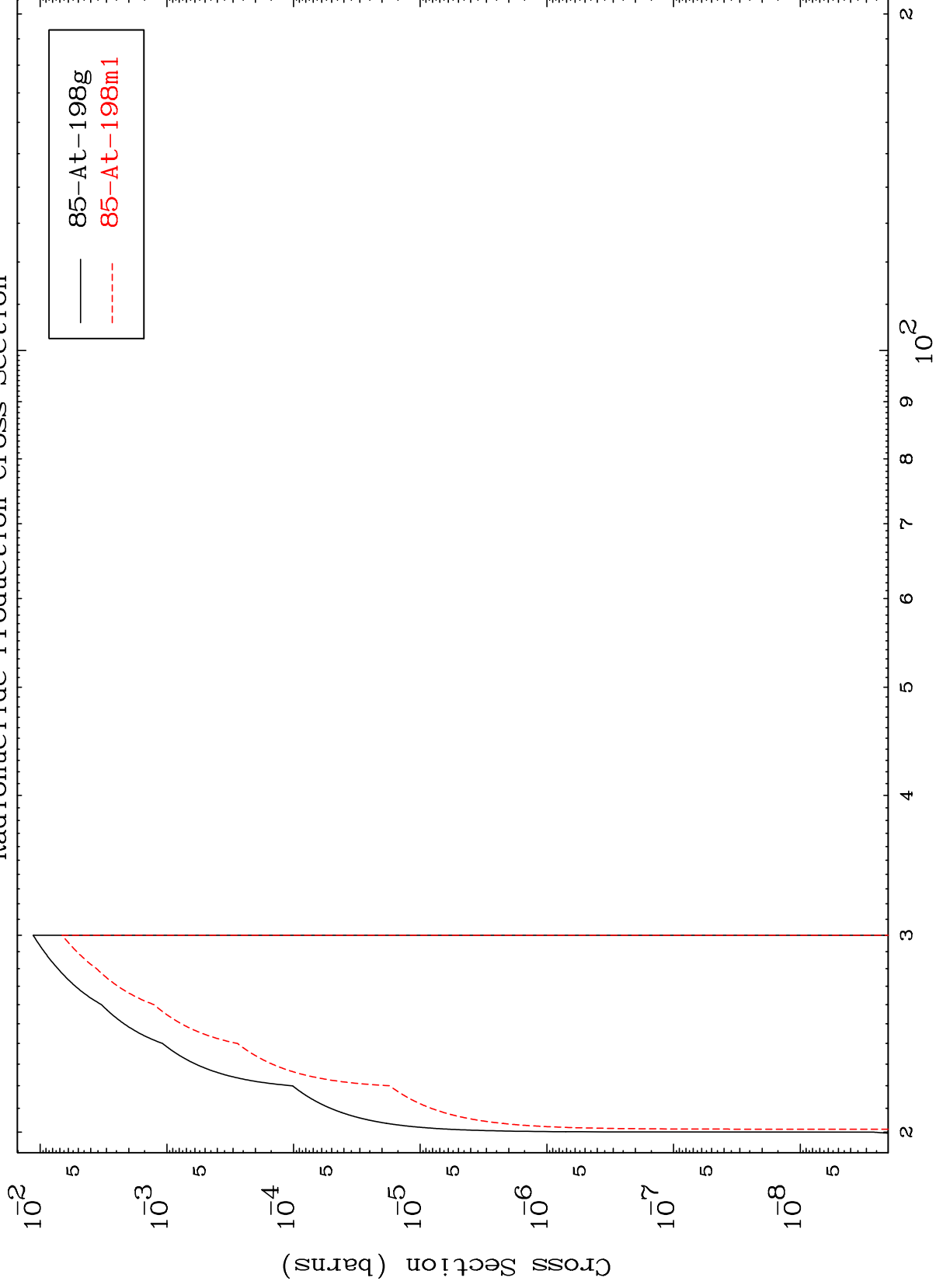
84-Po-199

MAT 8404

(n,3n)

84-Po-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

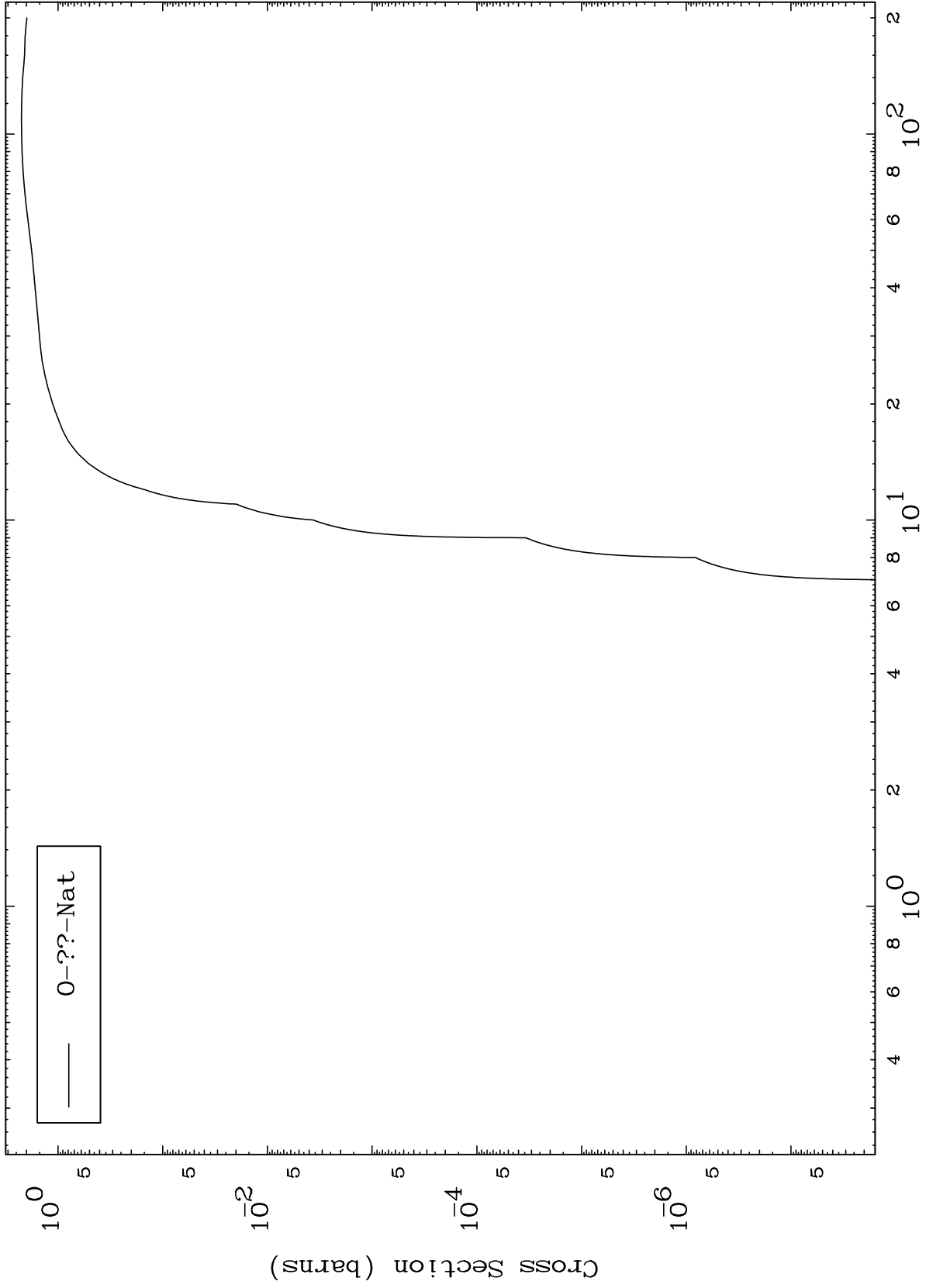
84-Po-199



MAT 8404

84-Po-199

Fission  
Radionuclide Production Cross Section

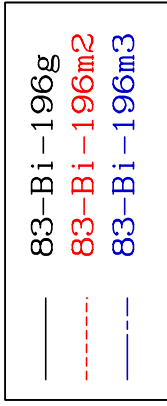
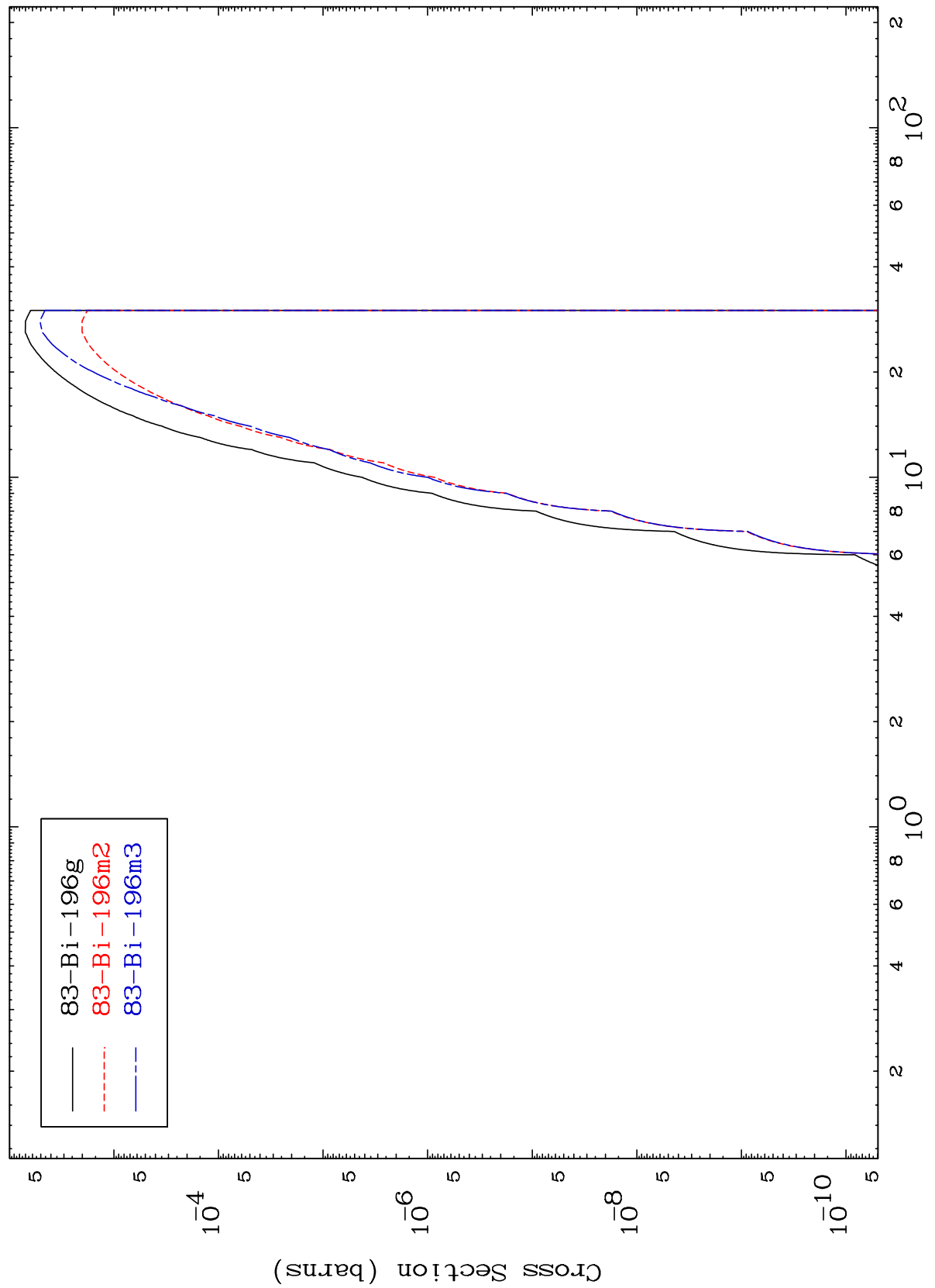


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$(n, n') \alpha$

84-Po-199

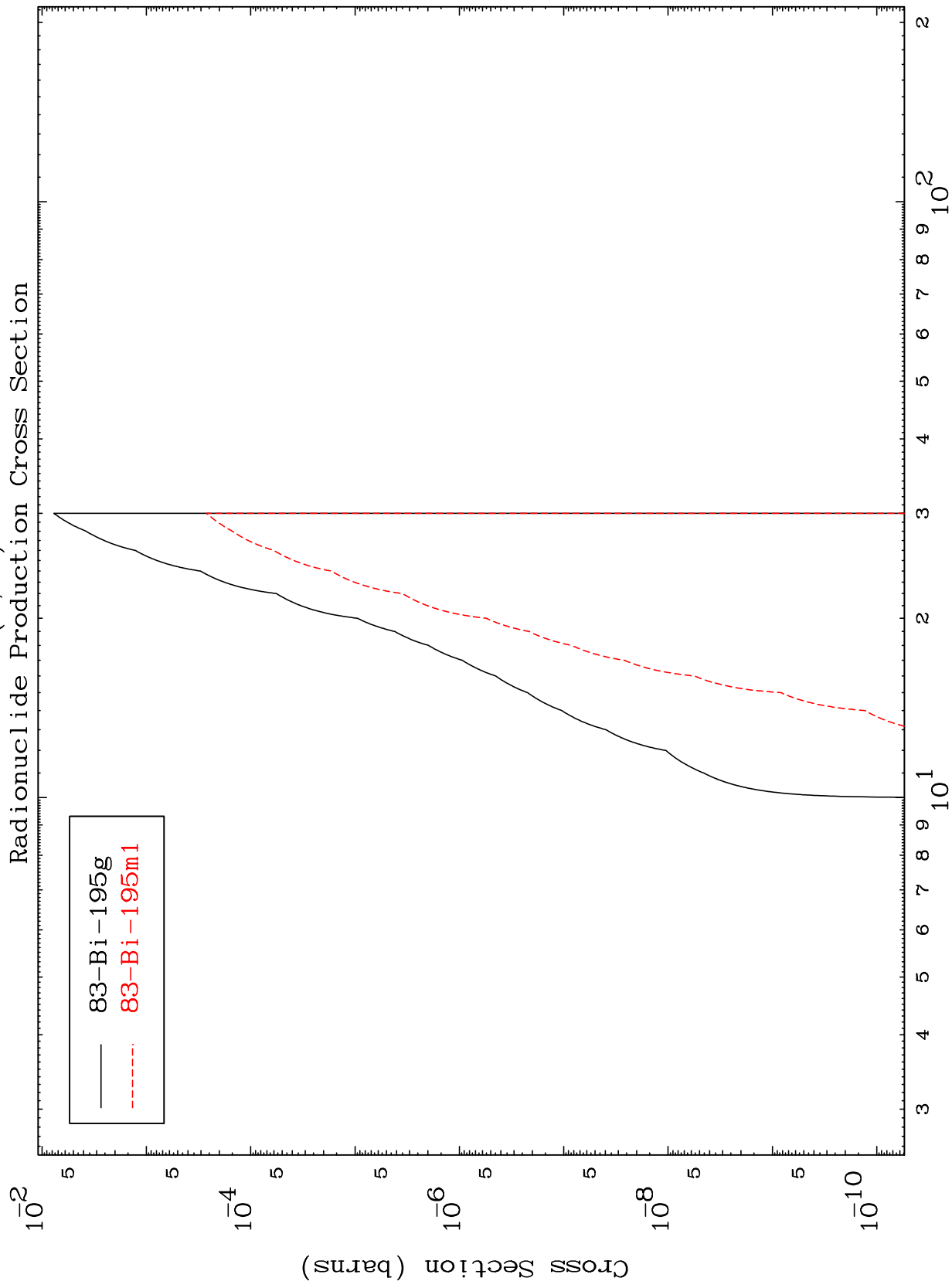
Radionuclide Production Cross Section



MAT 8404

(n,2n)  $\alpha$

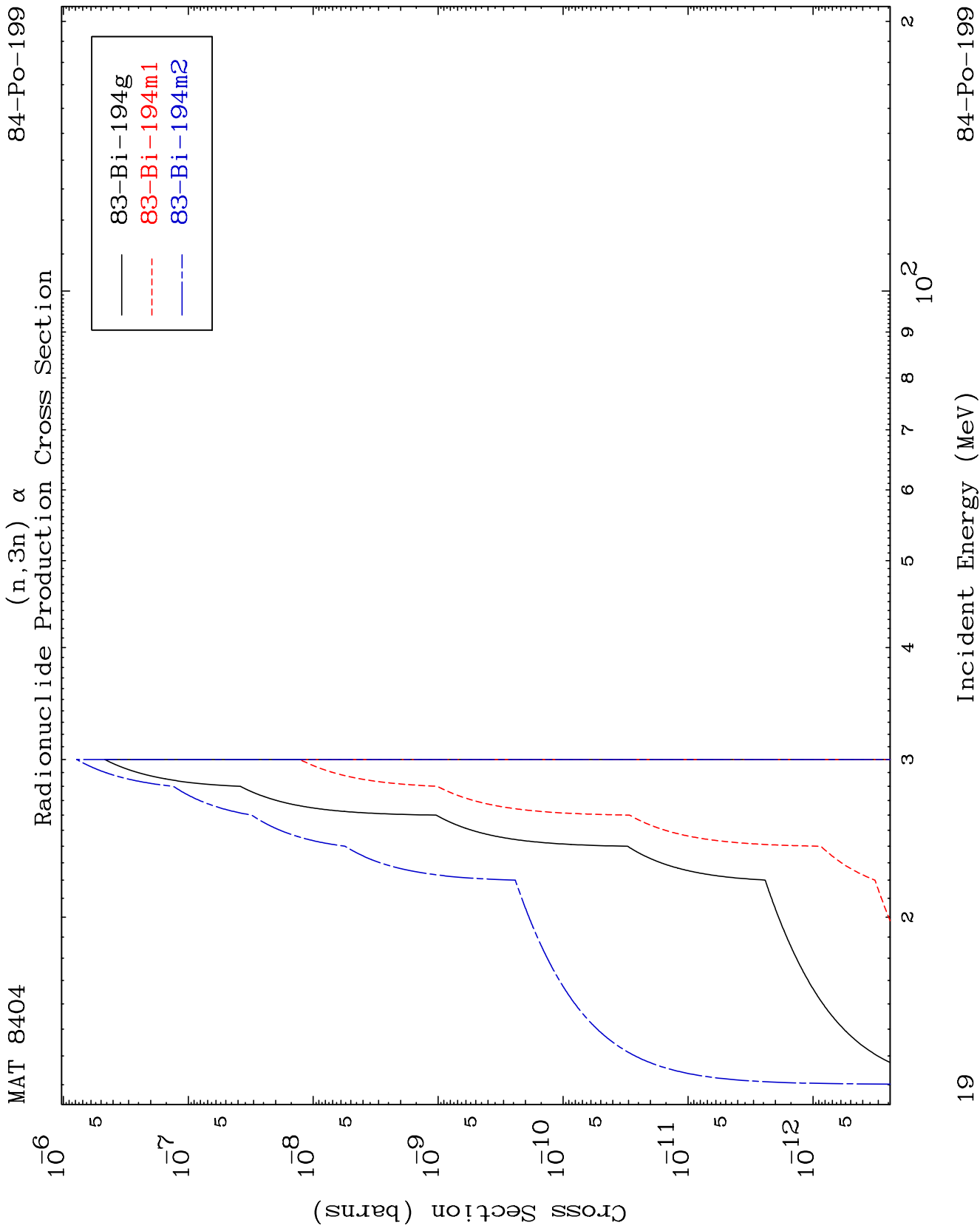
84-Po-199



18

Incident Energy (MeV)

84-Po-199

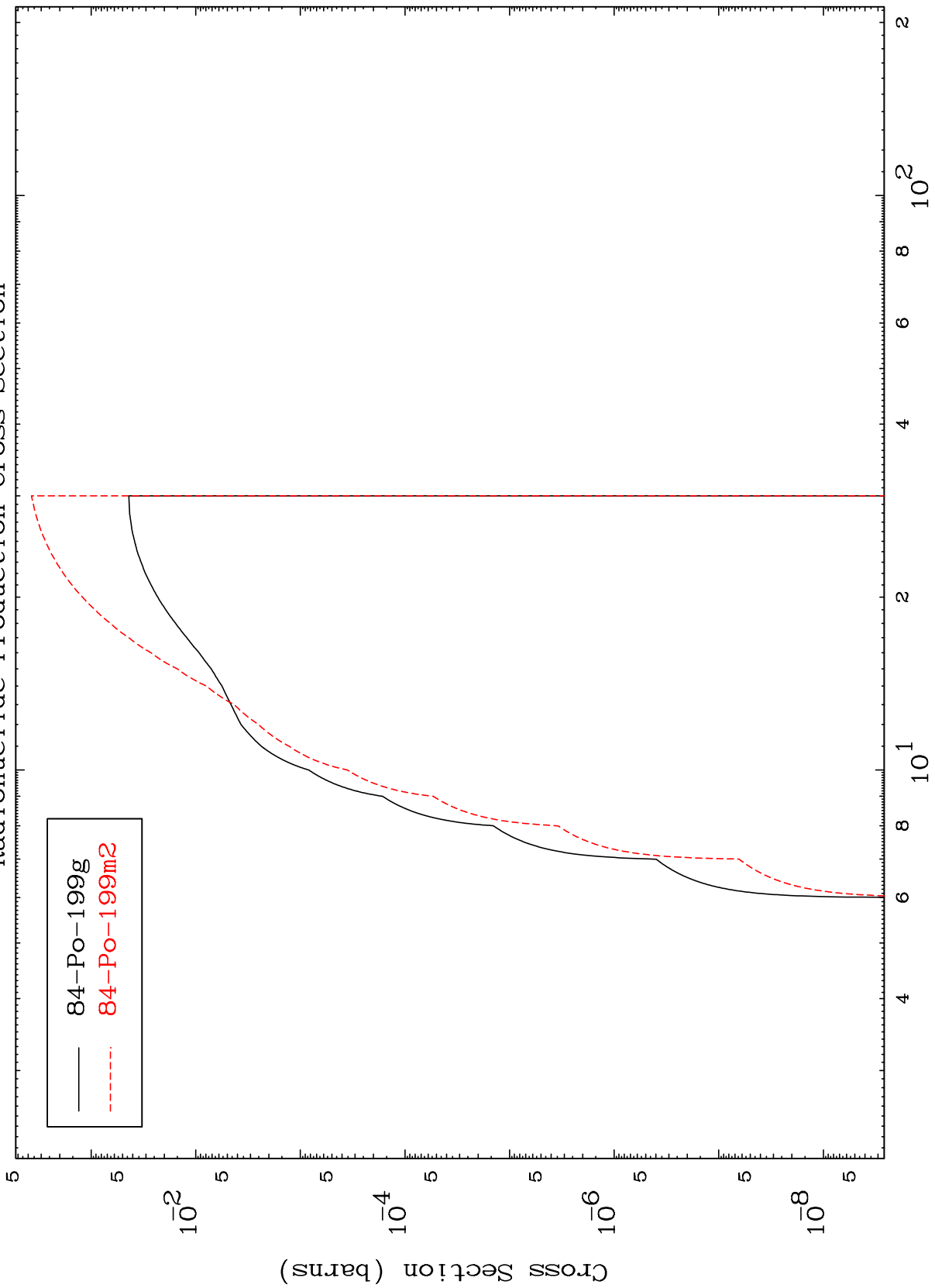


MAT 8404

(n,n') p

84-Po-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

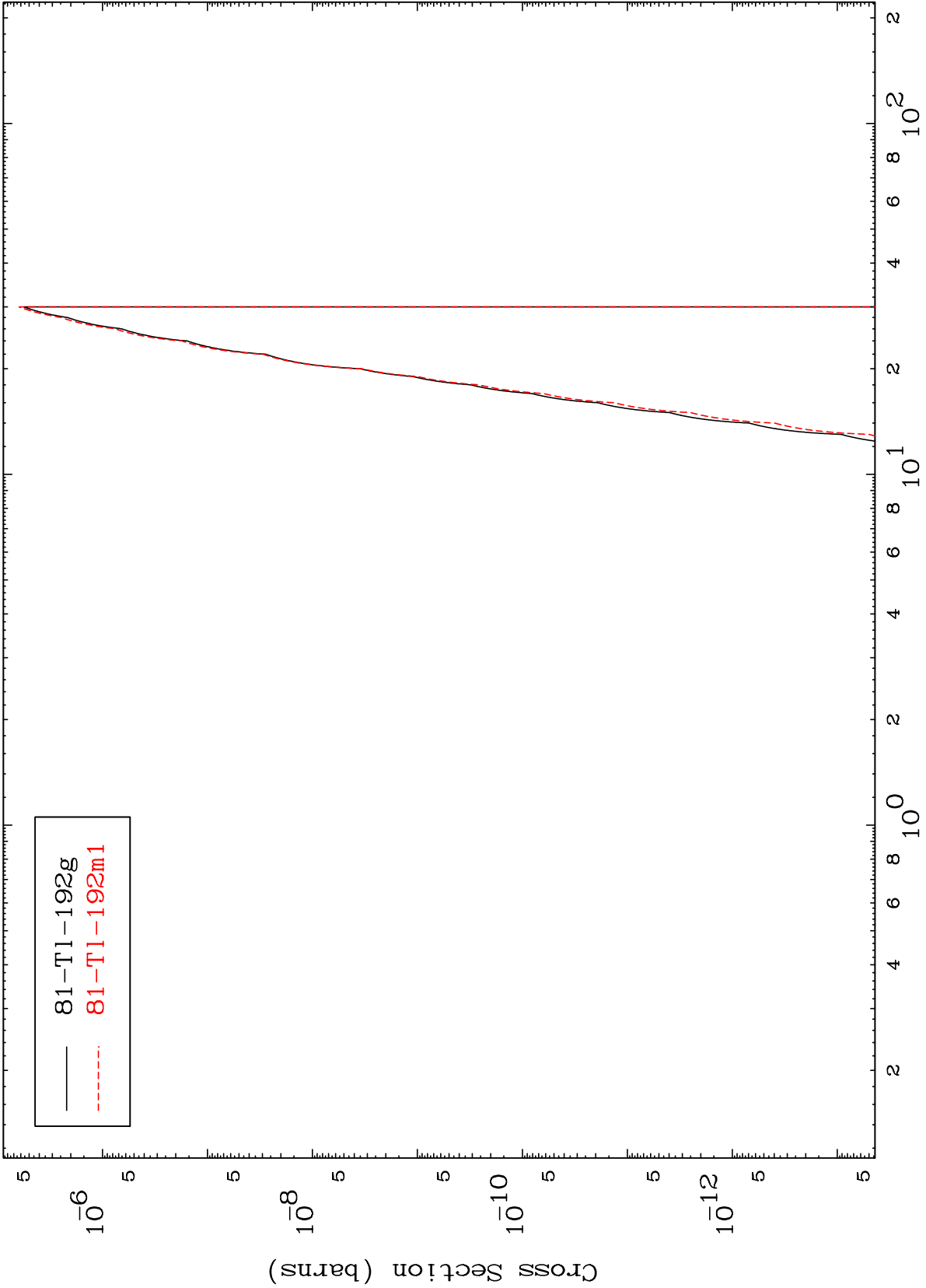
84-Po-199

MAT 8404

(n,n') 2α

84-Po-199

Radionuclide Production Cross Section

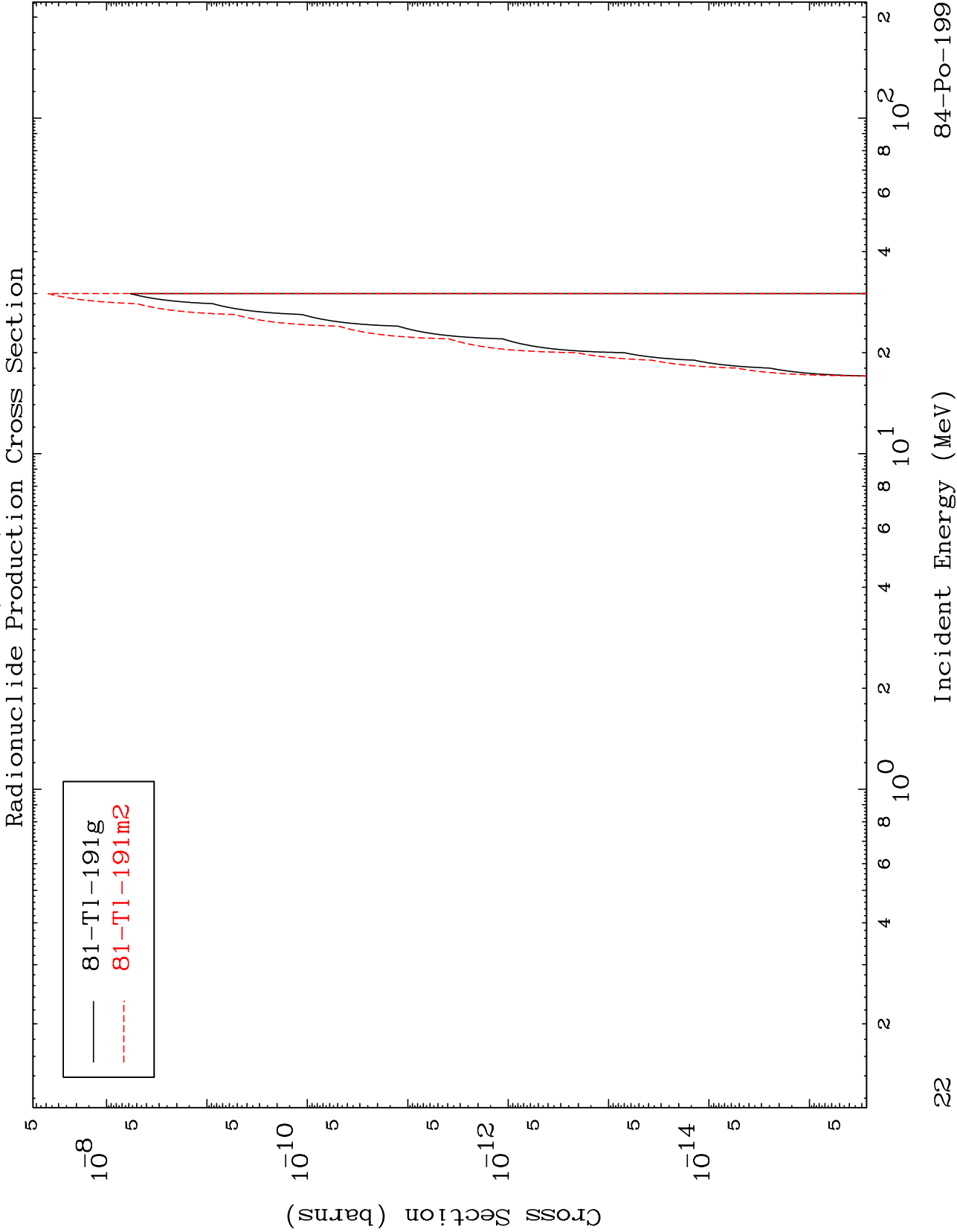


81-Tl-192g  
81-Tl-192m1

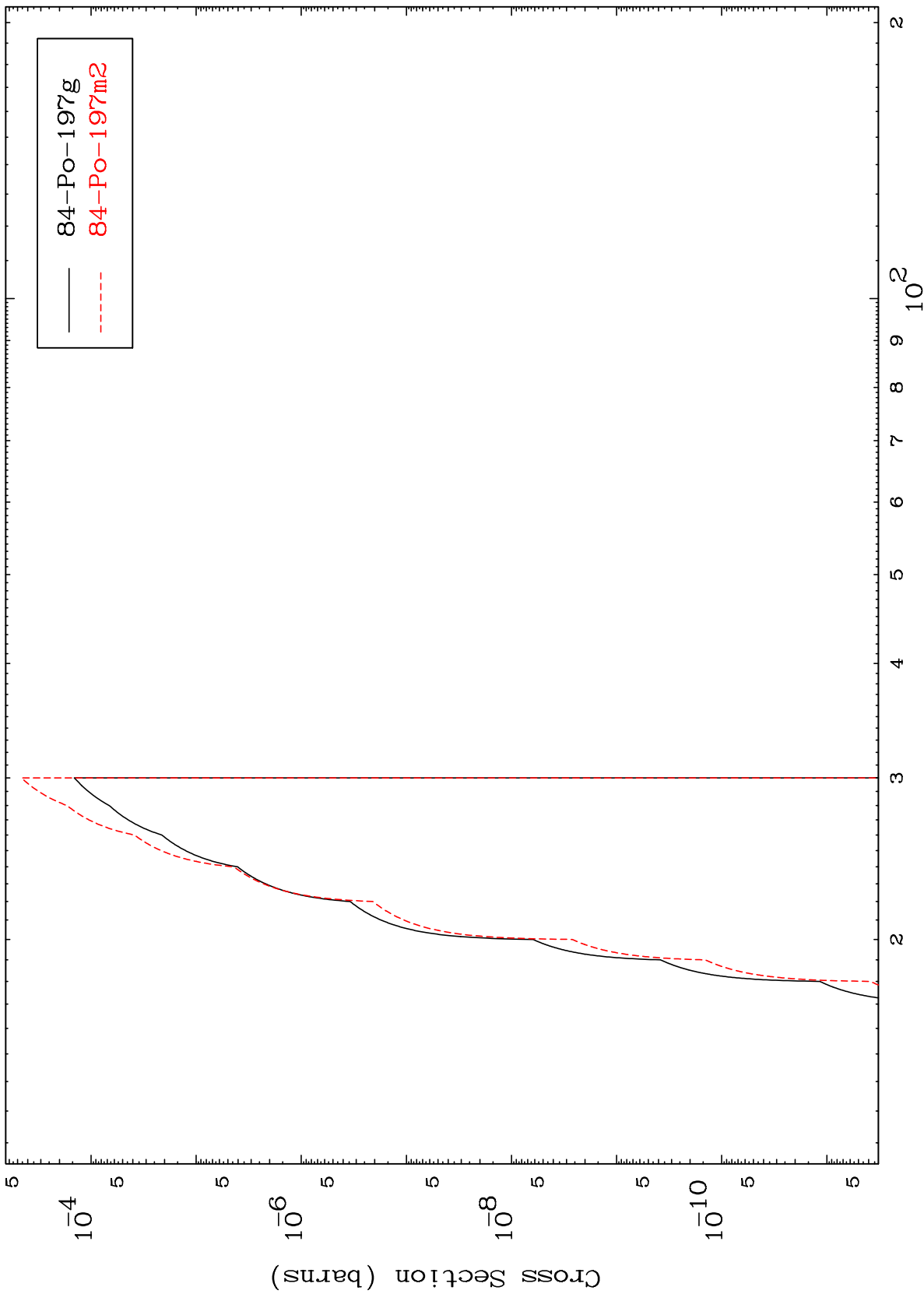
MAT 8404

(n,2n)  $2\alpha$

84-Po-199



Radionuclide Production Cross Section



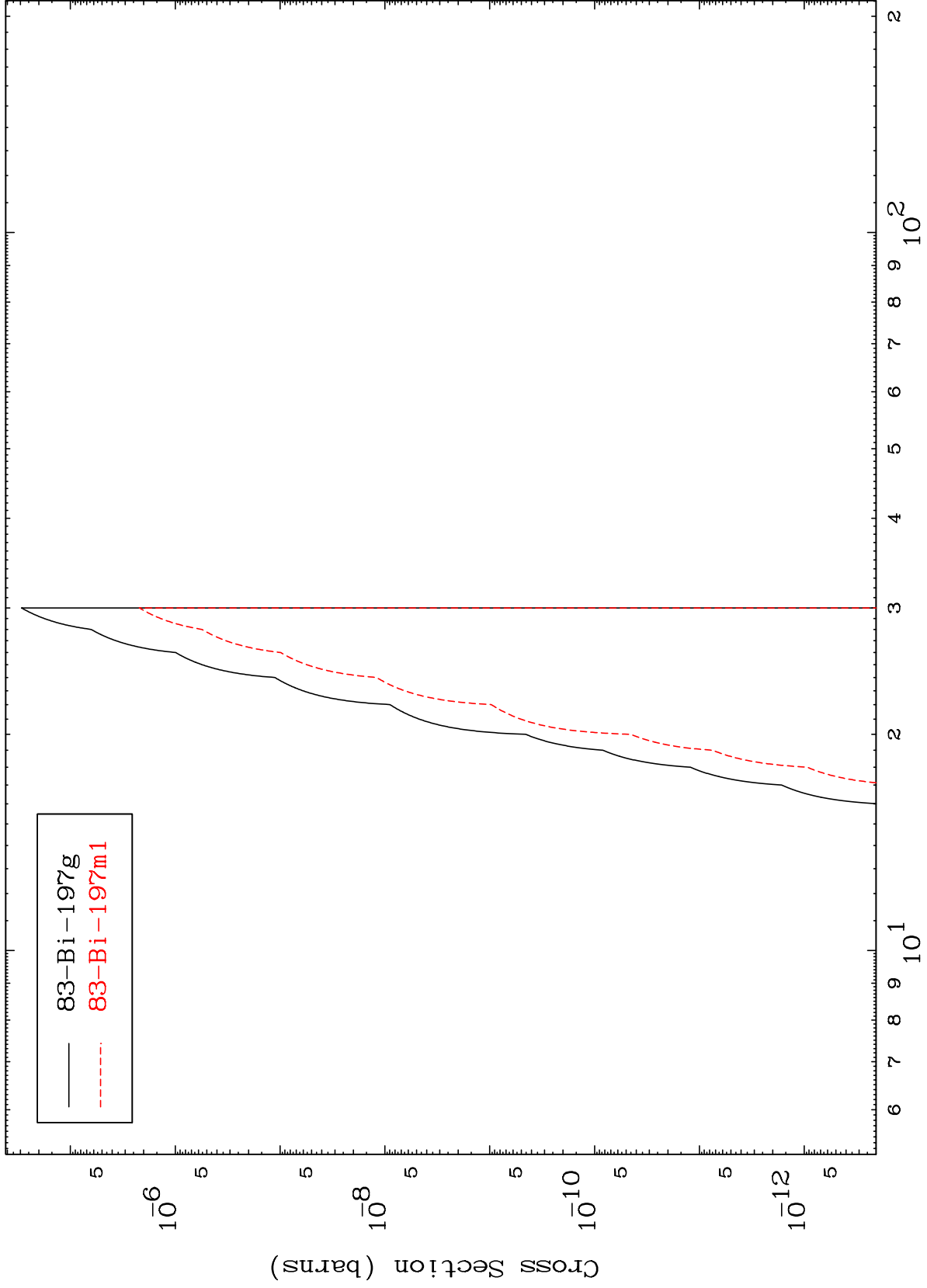


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(n,n') He-3

84-Po-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

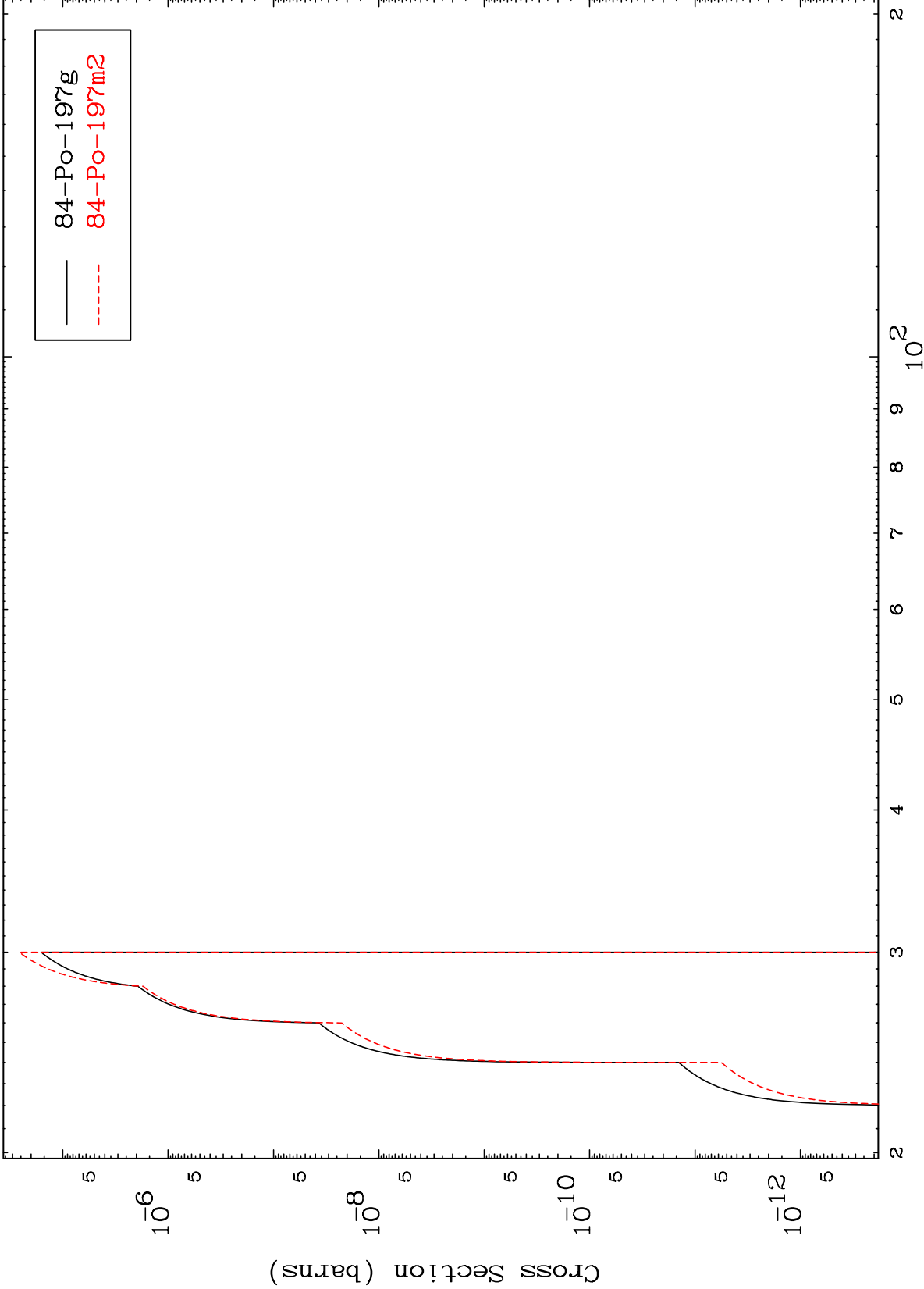
84-Po-199

MAT 8404

(n,3n) p

84-Po-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

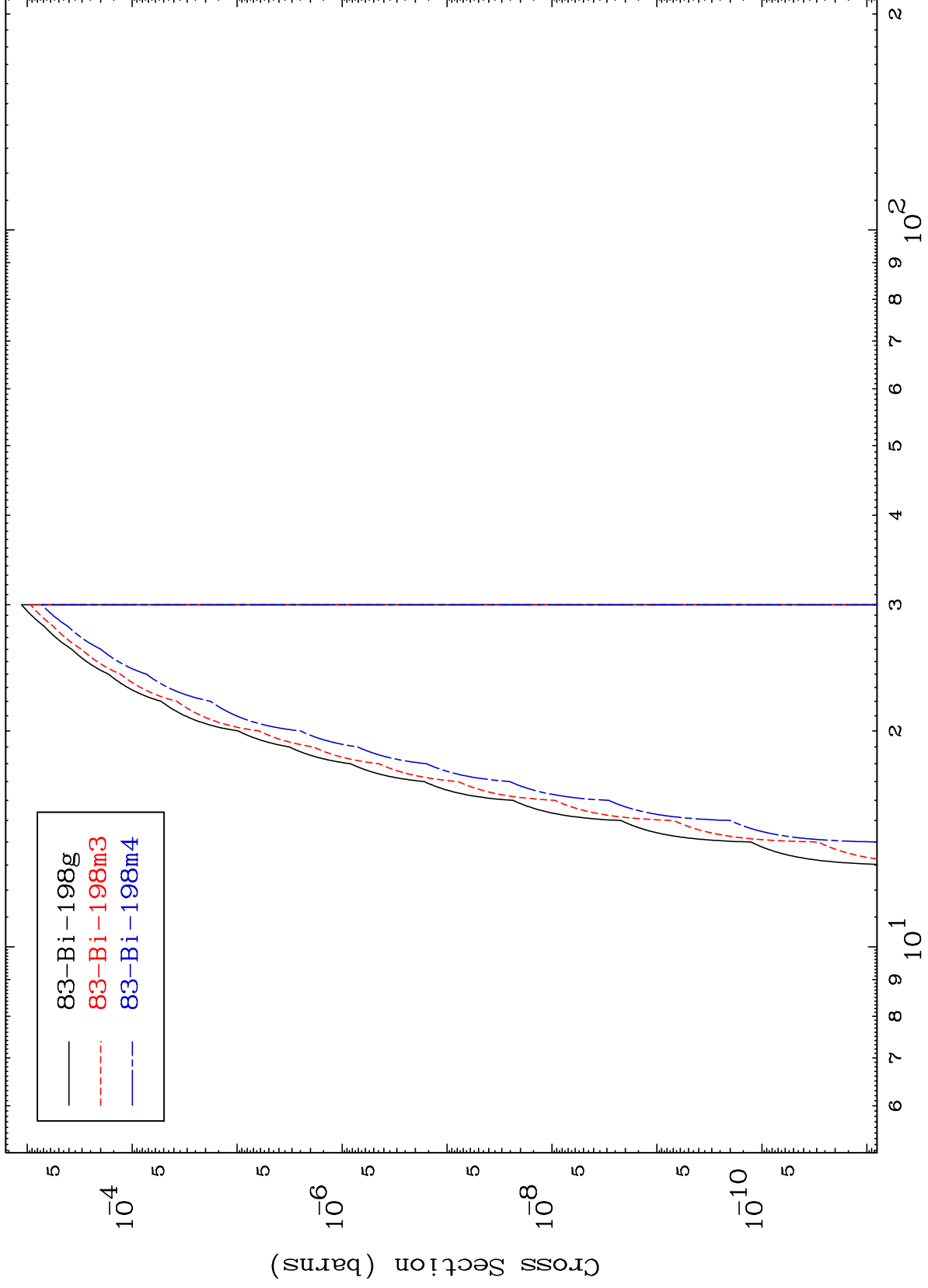
84-Po-199

MAT 8404

(n,2n) p

84-Po-199

Radionuclide Production Cross Section



26

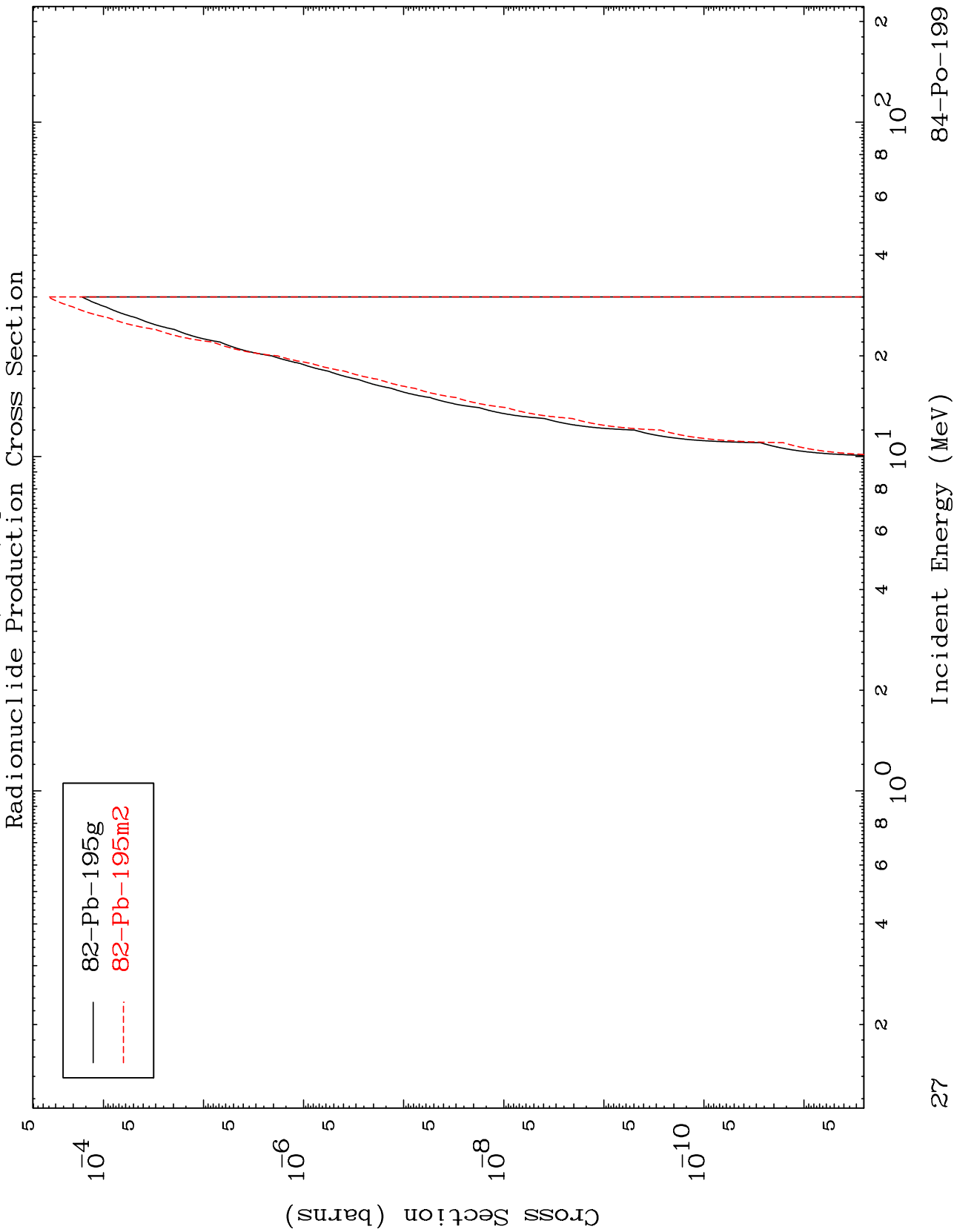
Incident Energy (MeV)

84-Po-199

MAT 8404

(n,n') p  $\alpha$

84-Po-199

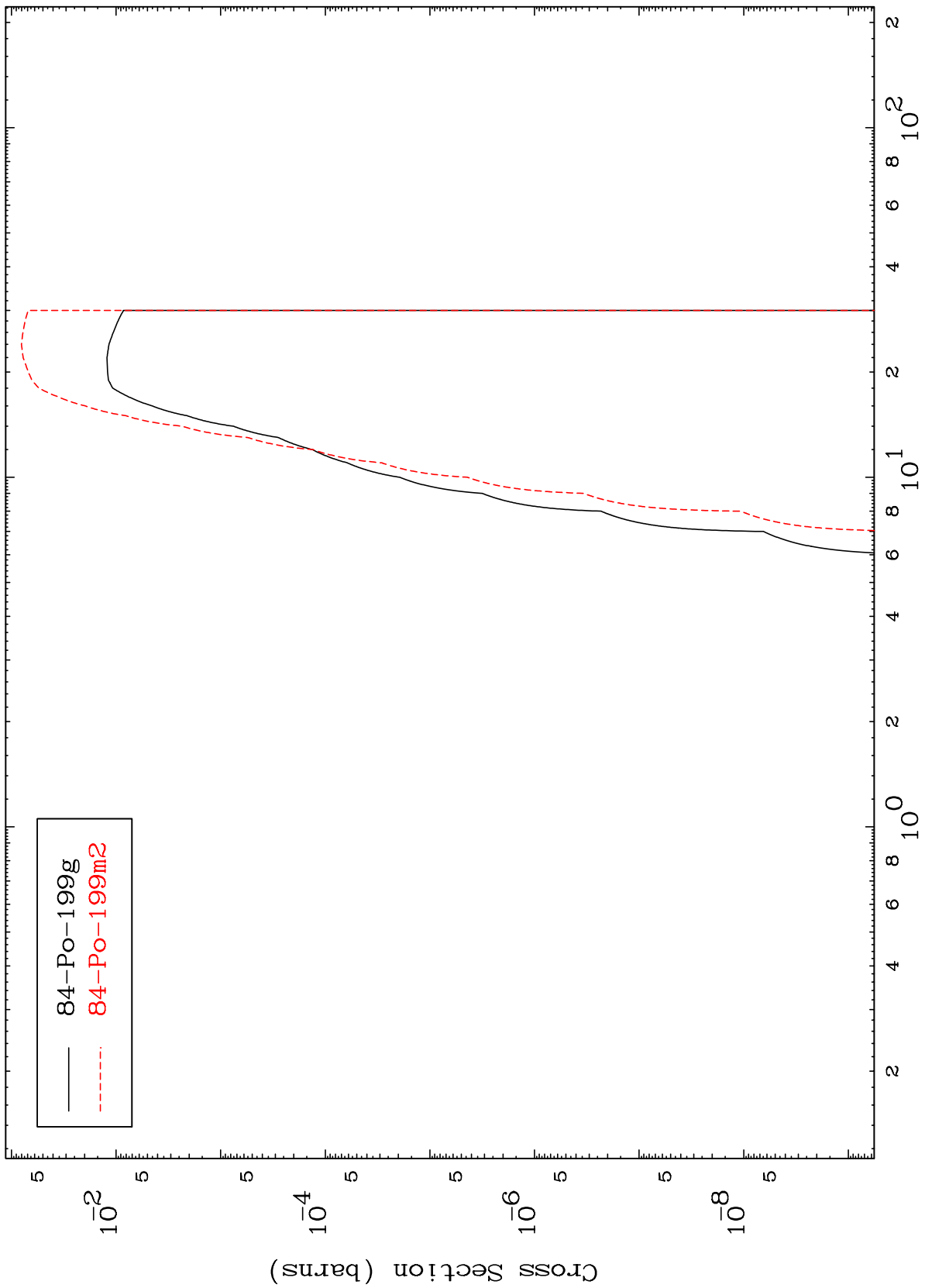


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(n,d)

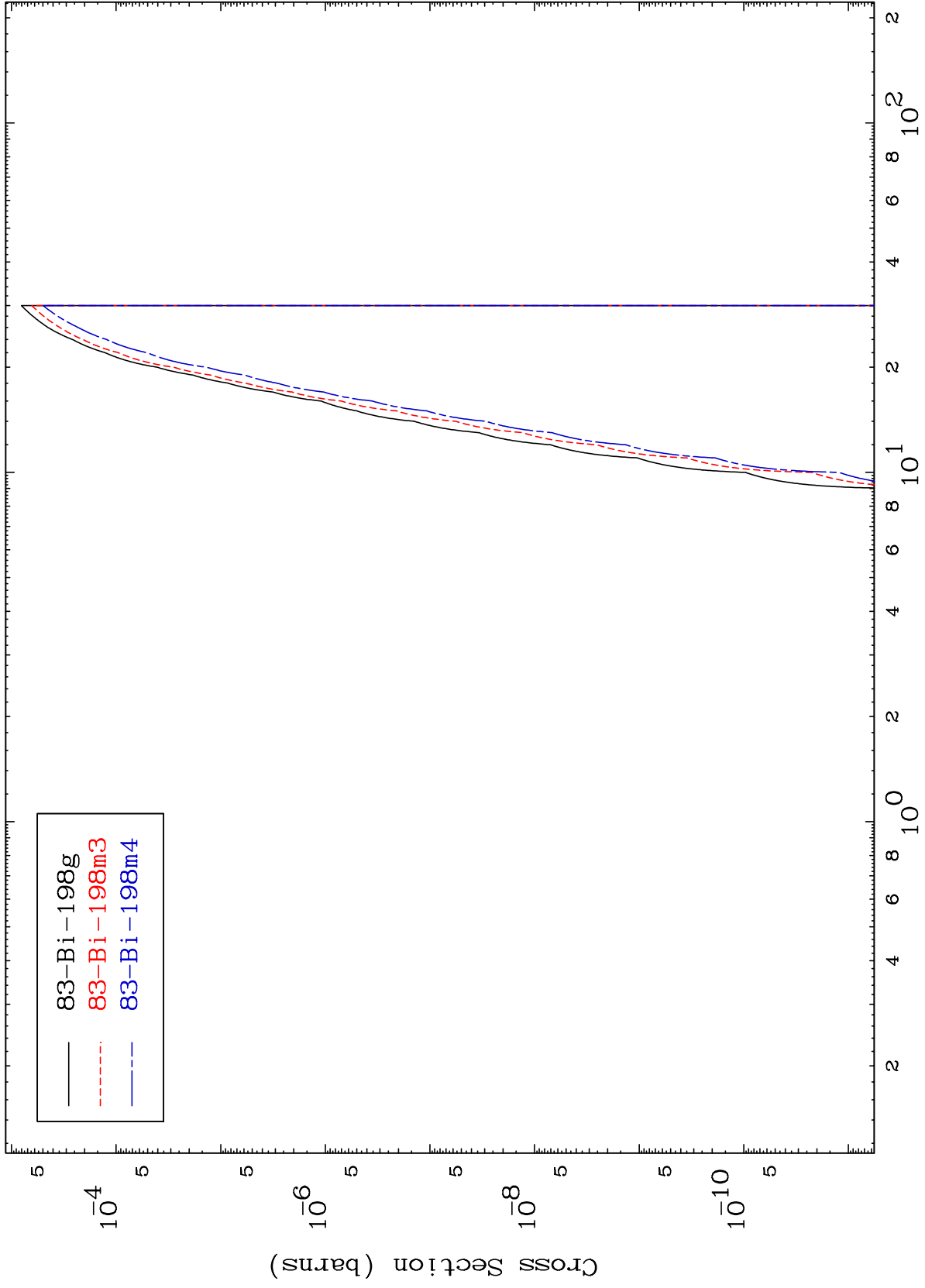
84-Po-199

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section

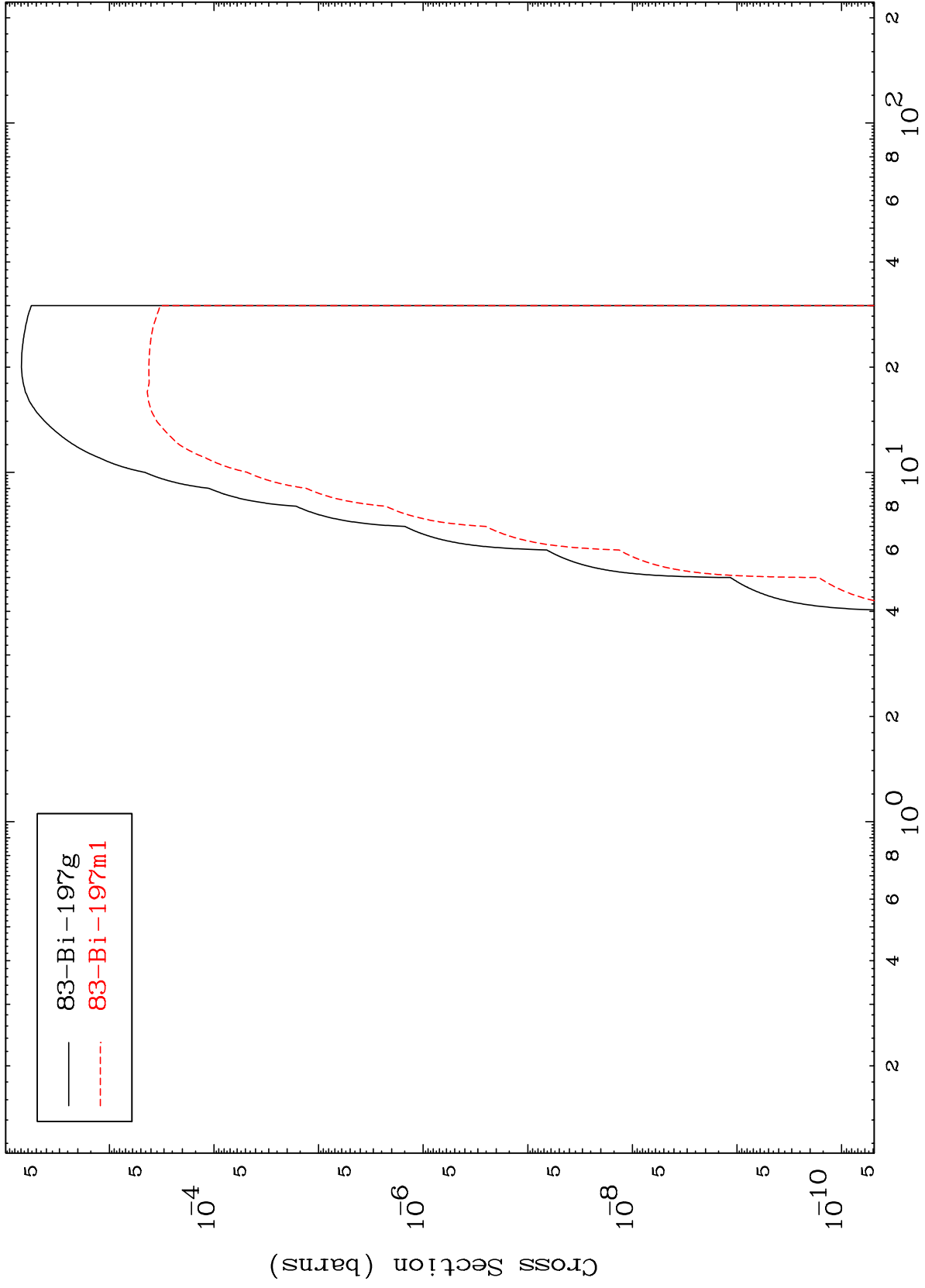


83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

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84-Po-199

(n,  $\alpha$ )  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

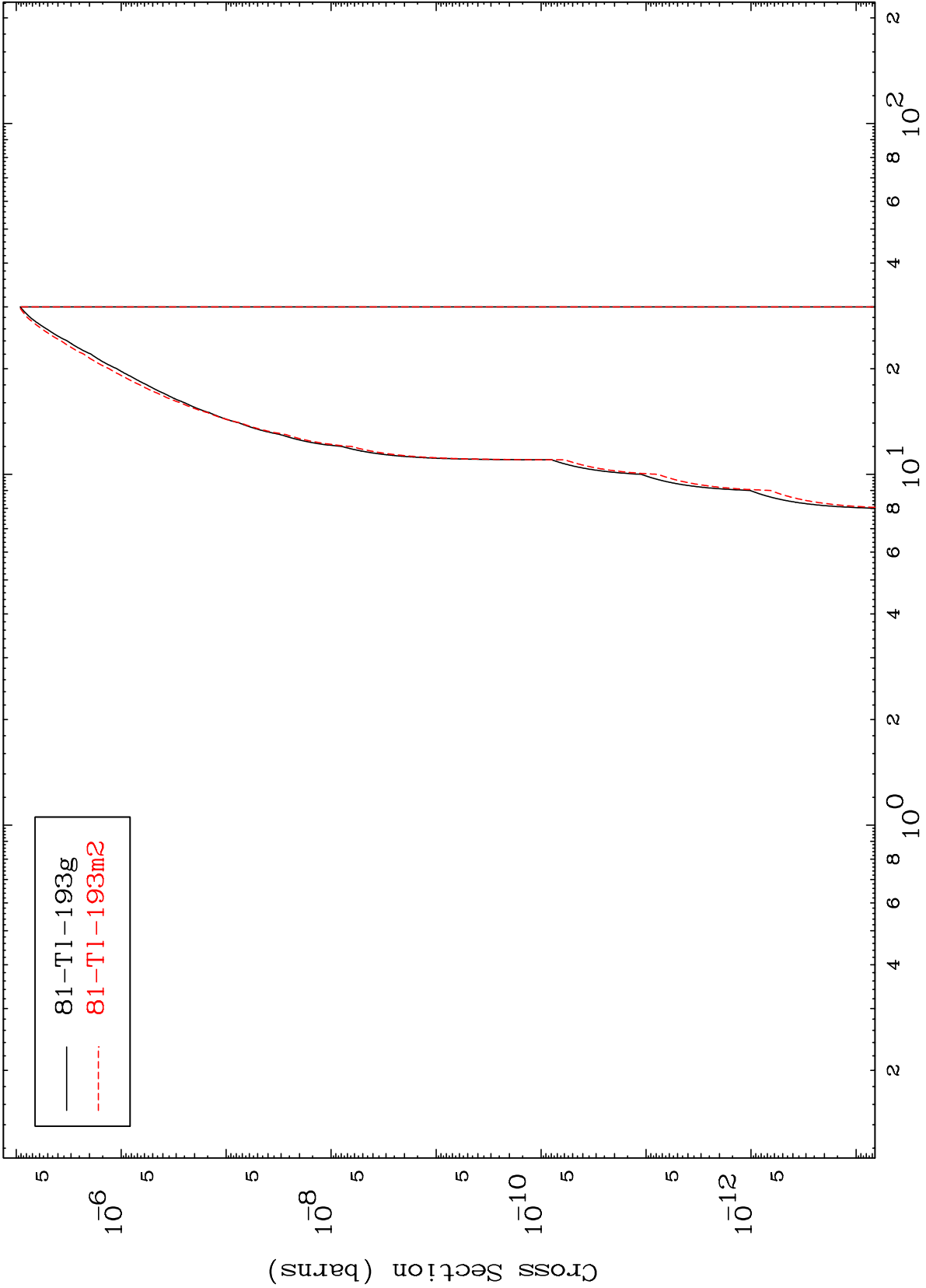
84-Po-199

MAT 8404

84-Po-199

(n,2α)

Radionuclide Production Cross Section

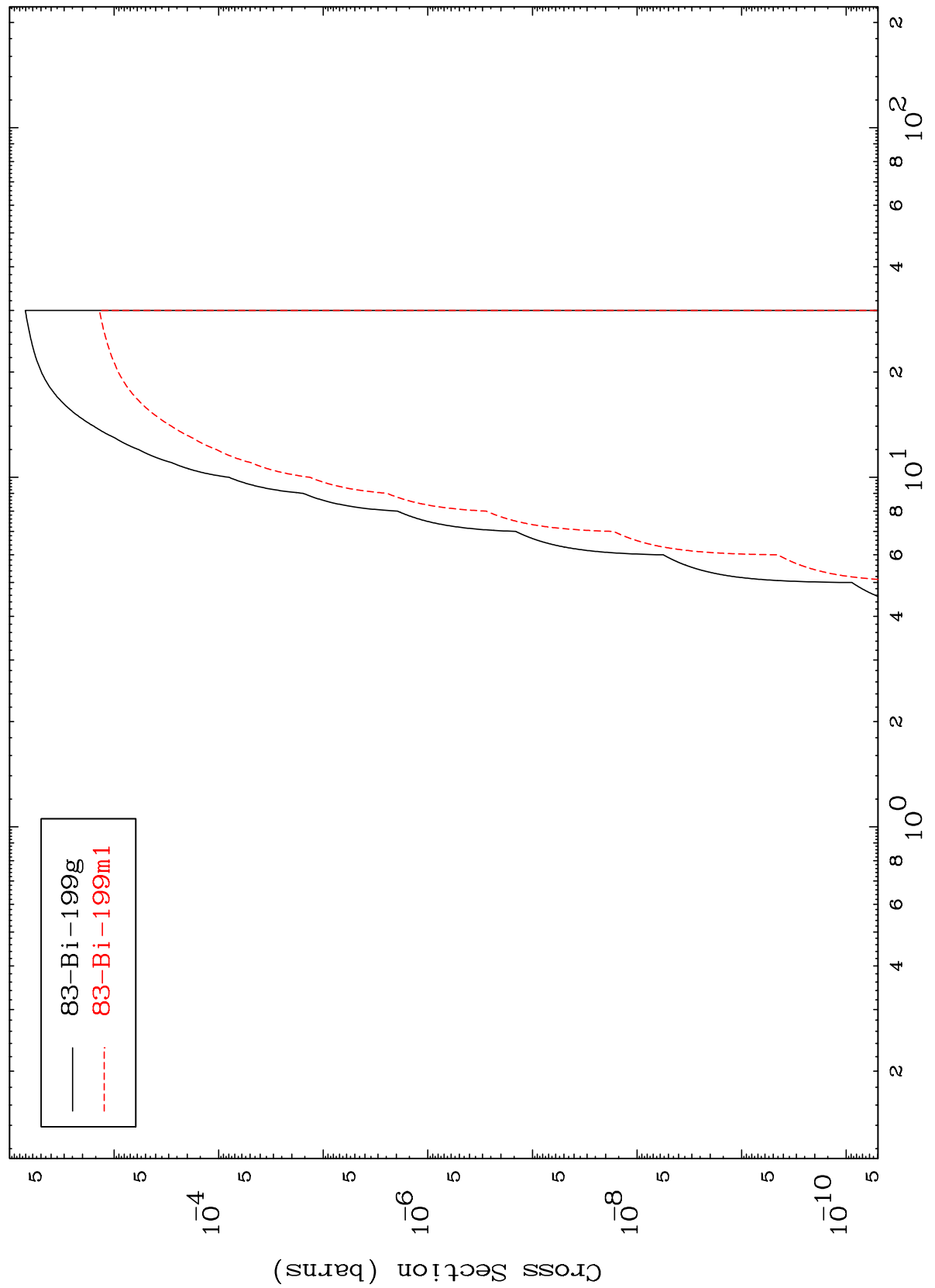




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84-Po-199

Radionuclide Production Cross Section  
(n,2p)

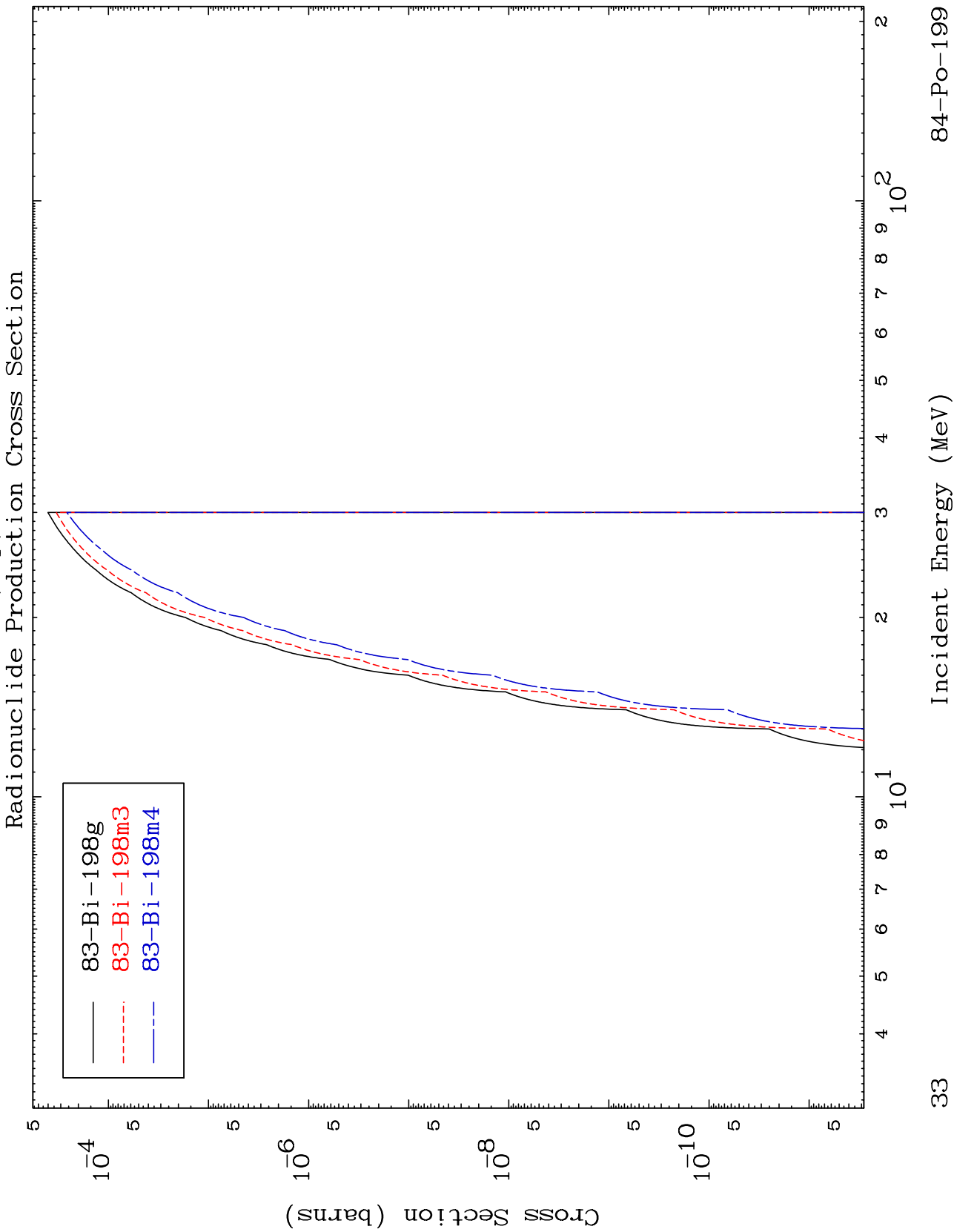


83-Bi-199g  
83-Bi-199m1

84-Po-199

Incident Energy (MeV)

32

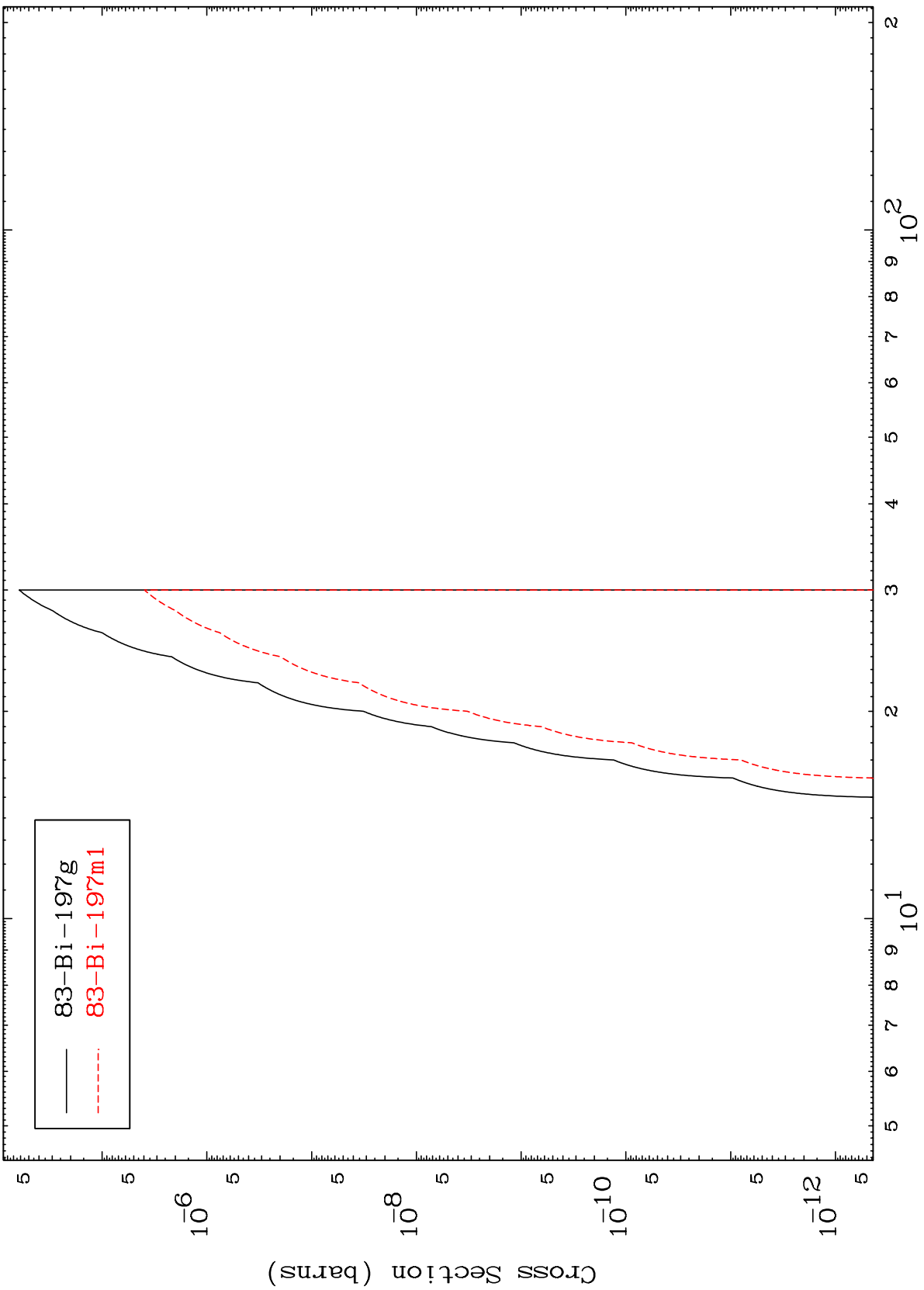


MAT 8404

(n,p) t

84-Po-199

Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

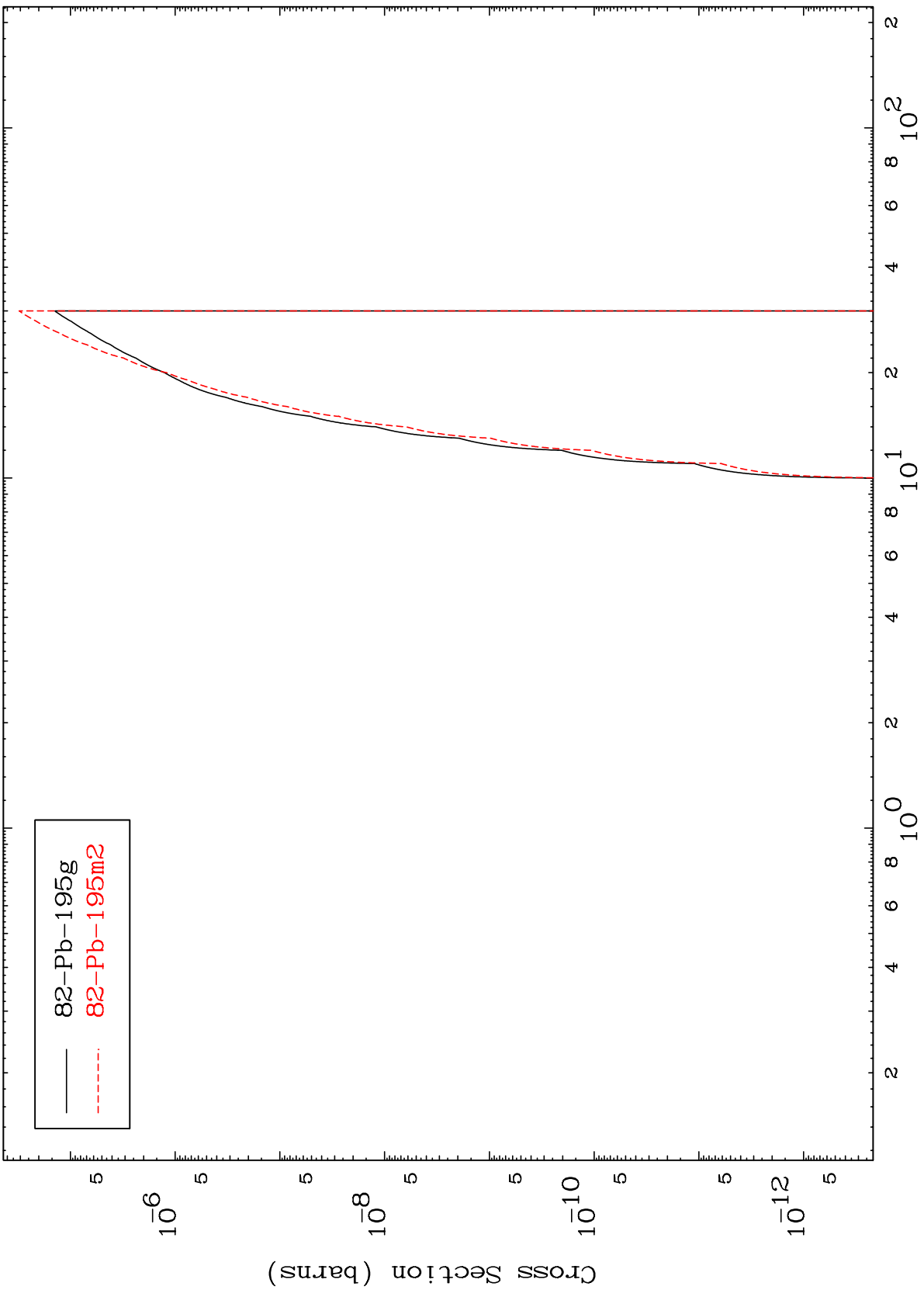
84-Po-199

MAT 8404

(n,d)  $\alpha$

84-Po-199

Radionuclide Production Cross Section



82-Pb-195g  
82-Pb-195m2