

Program EVALPLOT  
(Version 2021-1)

by

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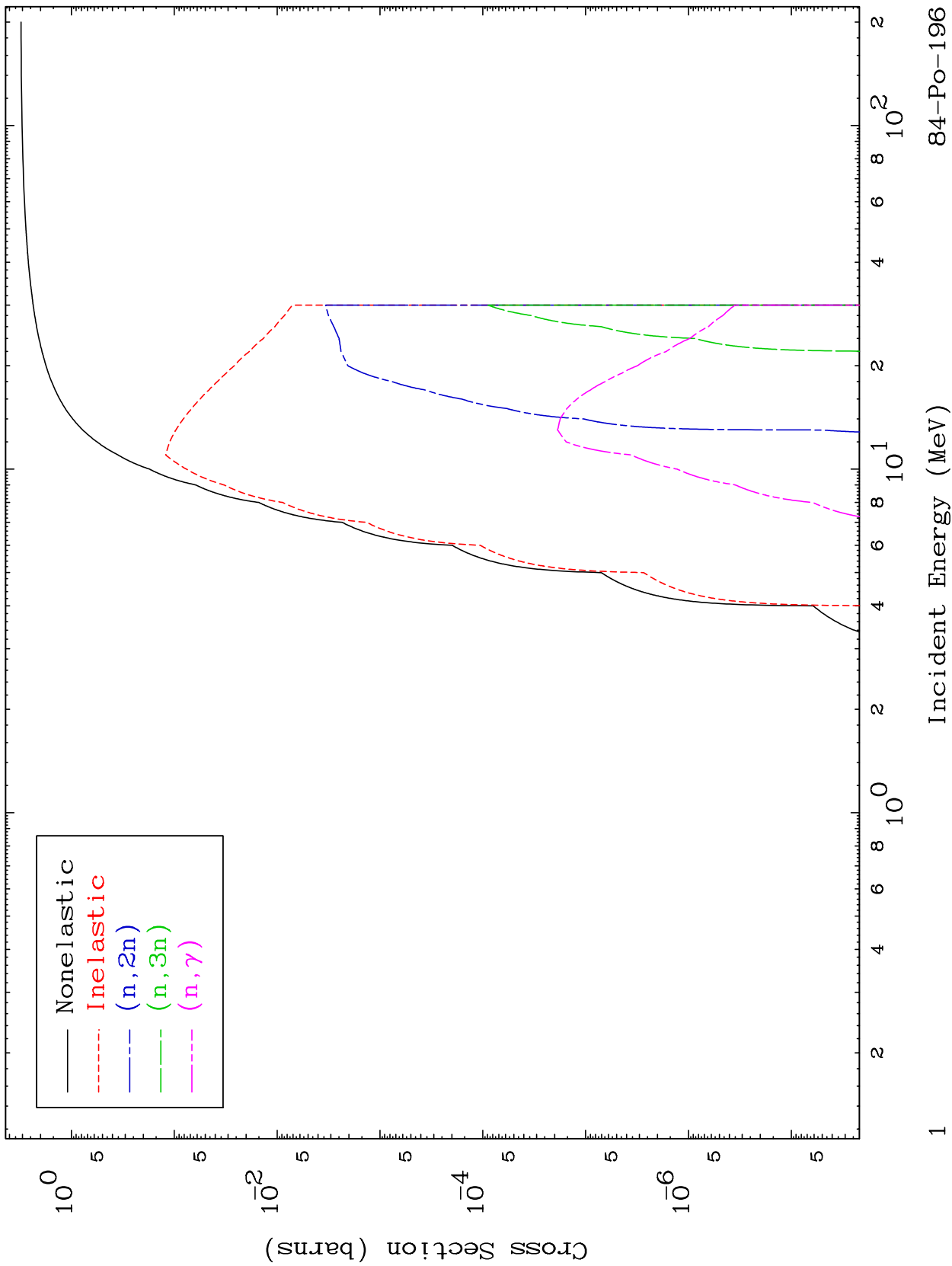
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8395

Deuteron Major  
0 Kelvin Cross Sections

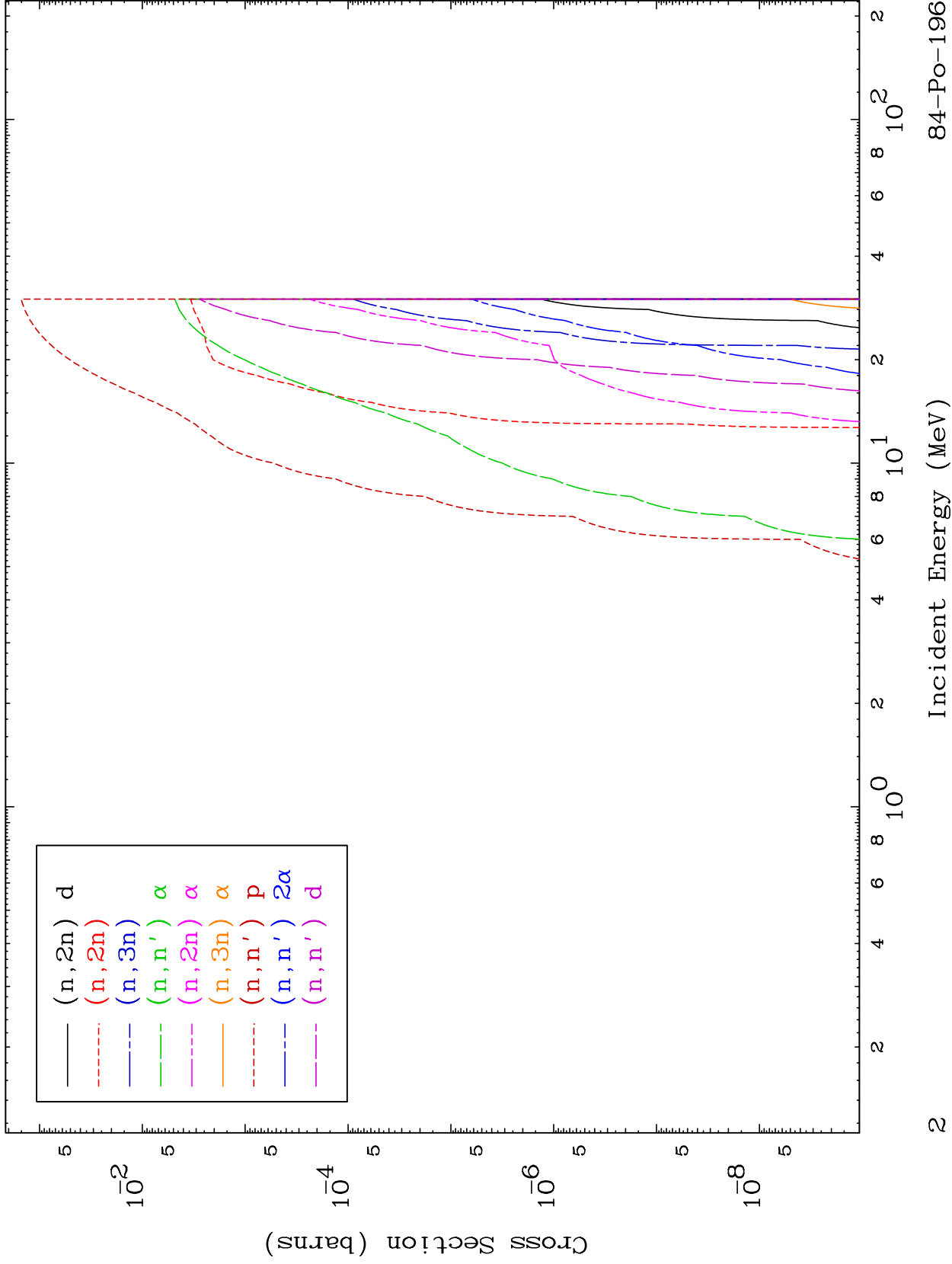
84-Po-196

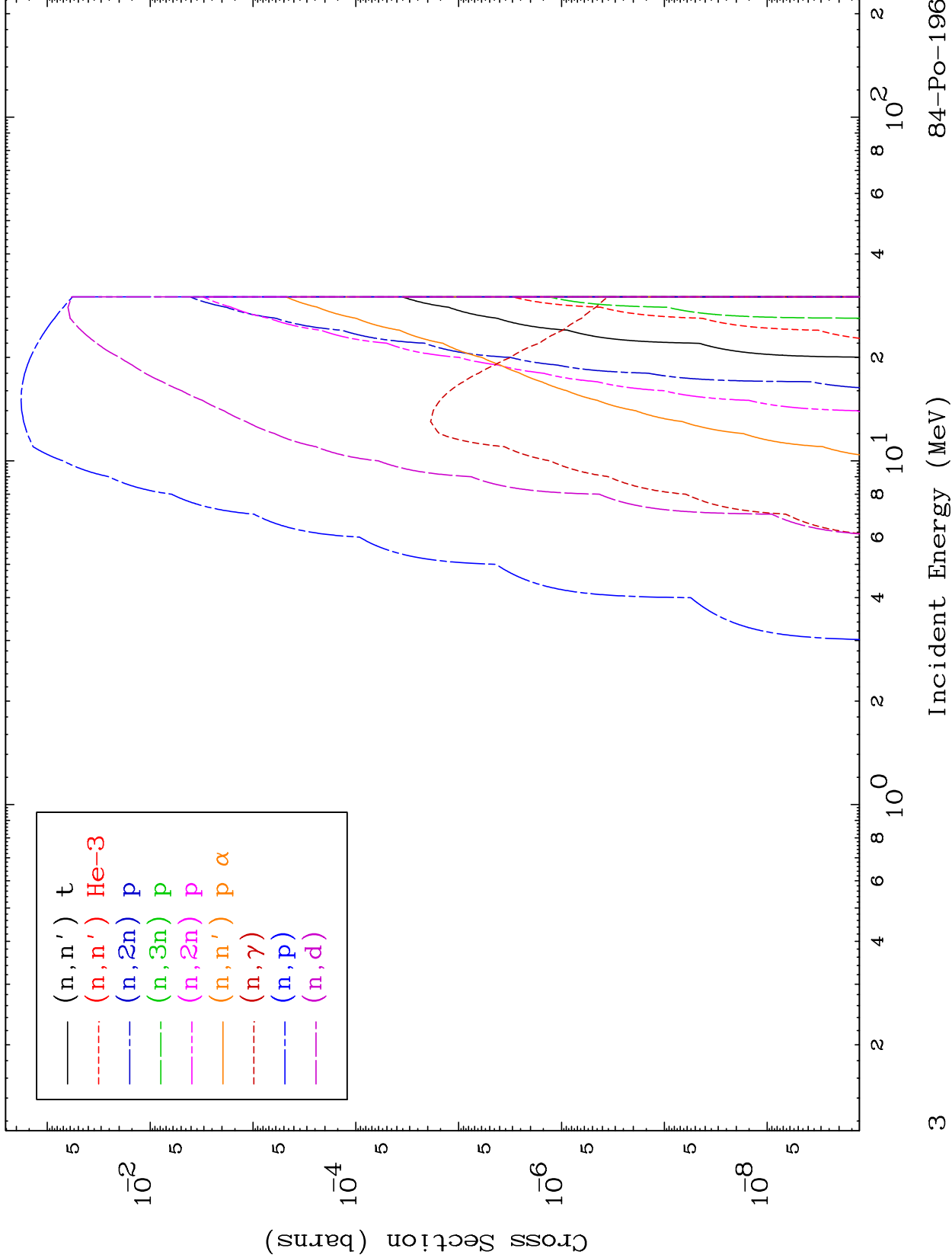


MAT 8395

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

84-Po-196

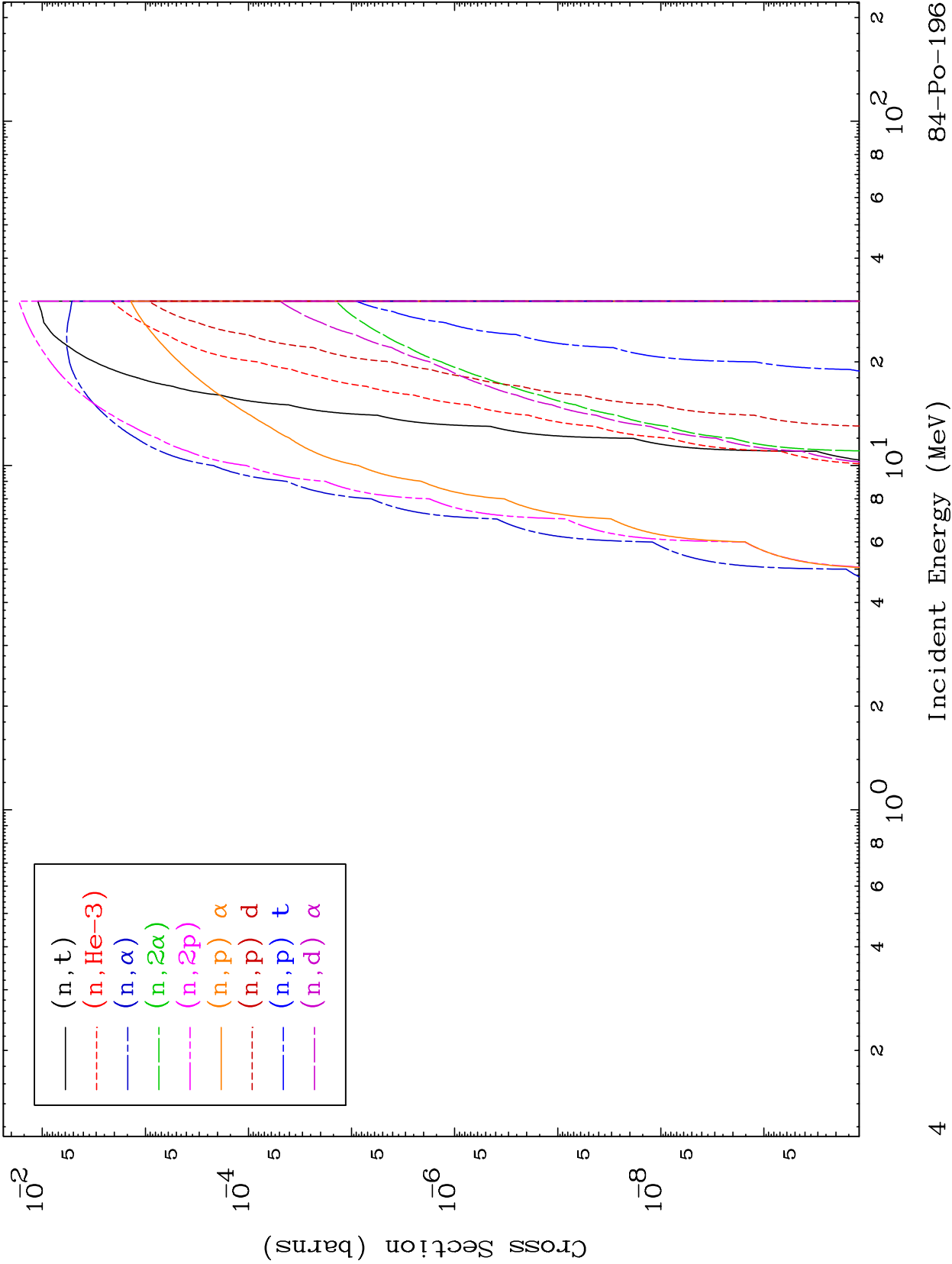




MAT 8395

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

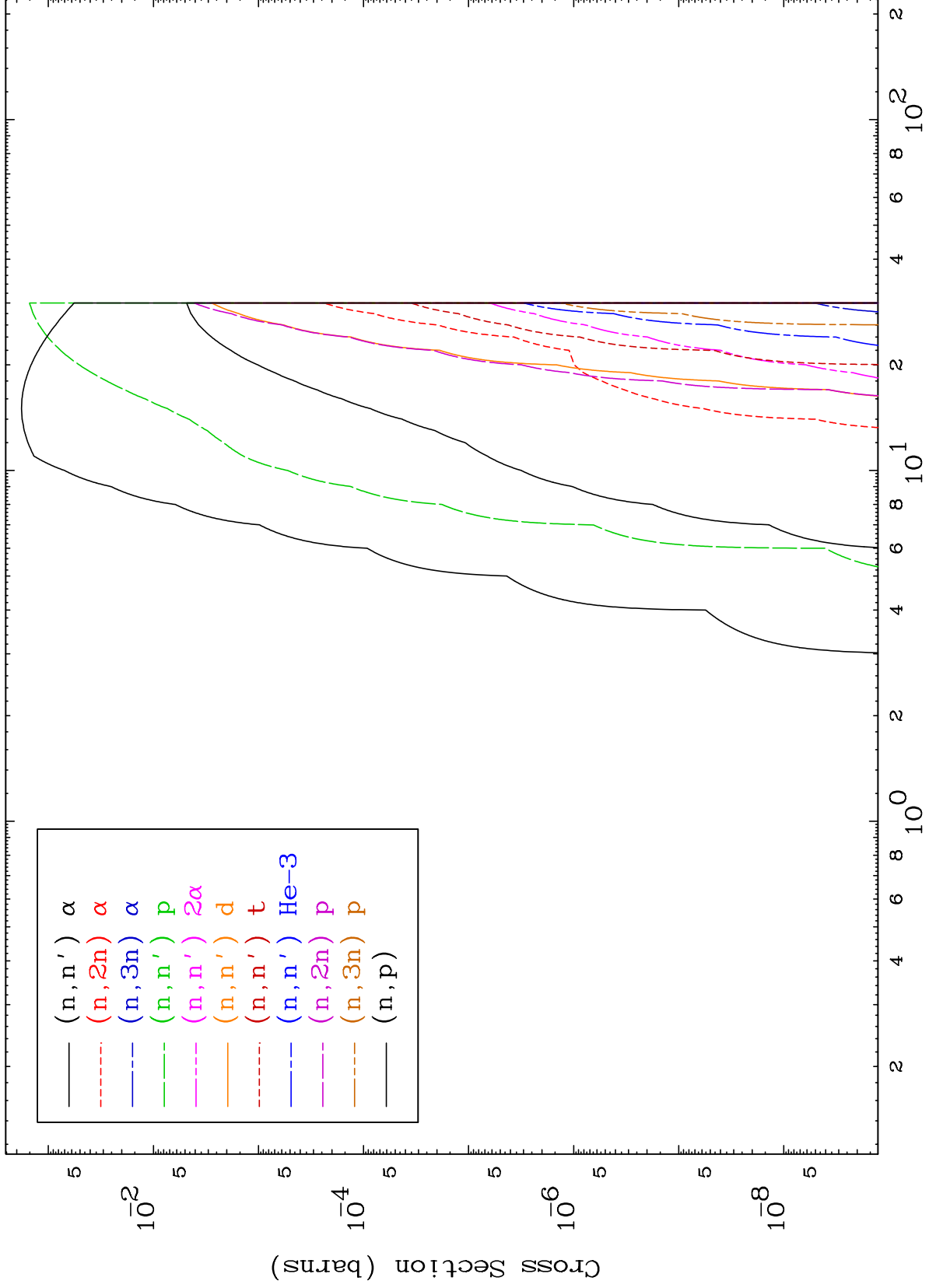
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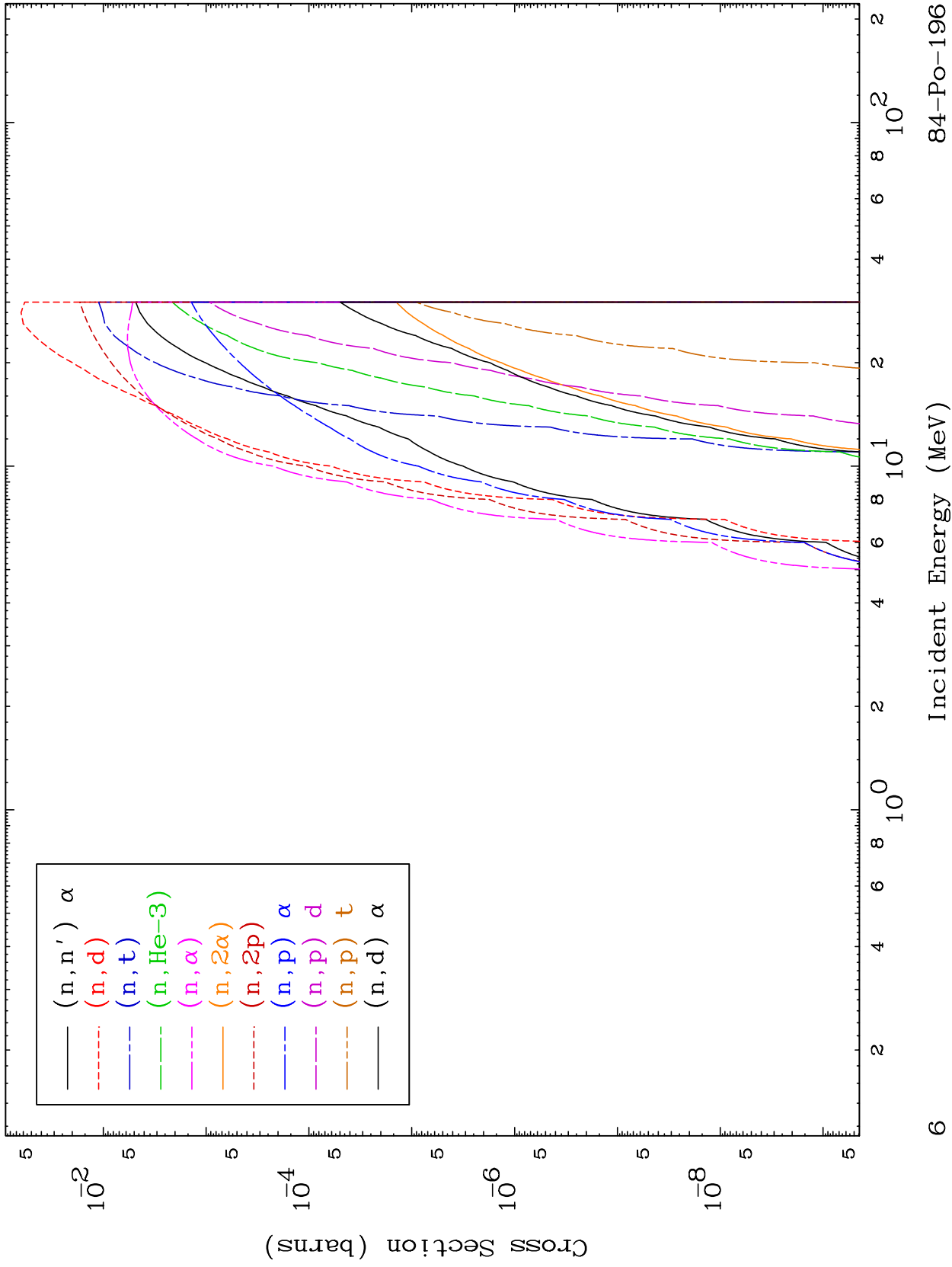


MAT 8395

Deuteron Charged Particle  
0 Kelvin Cross Sections

84-Po-196



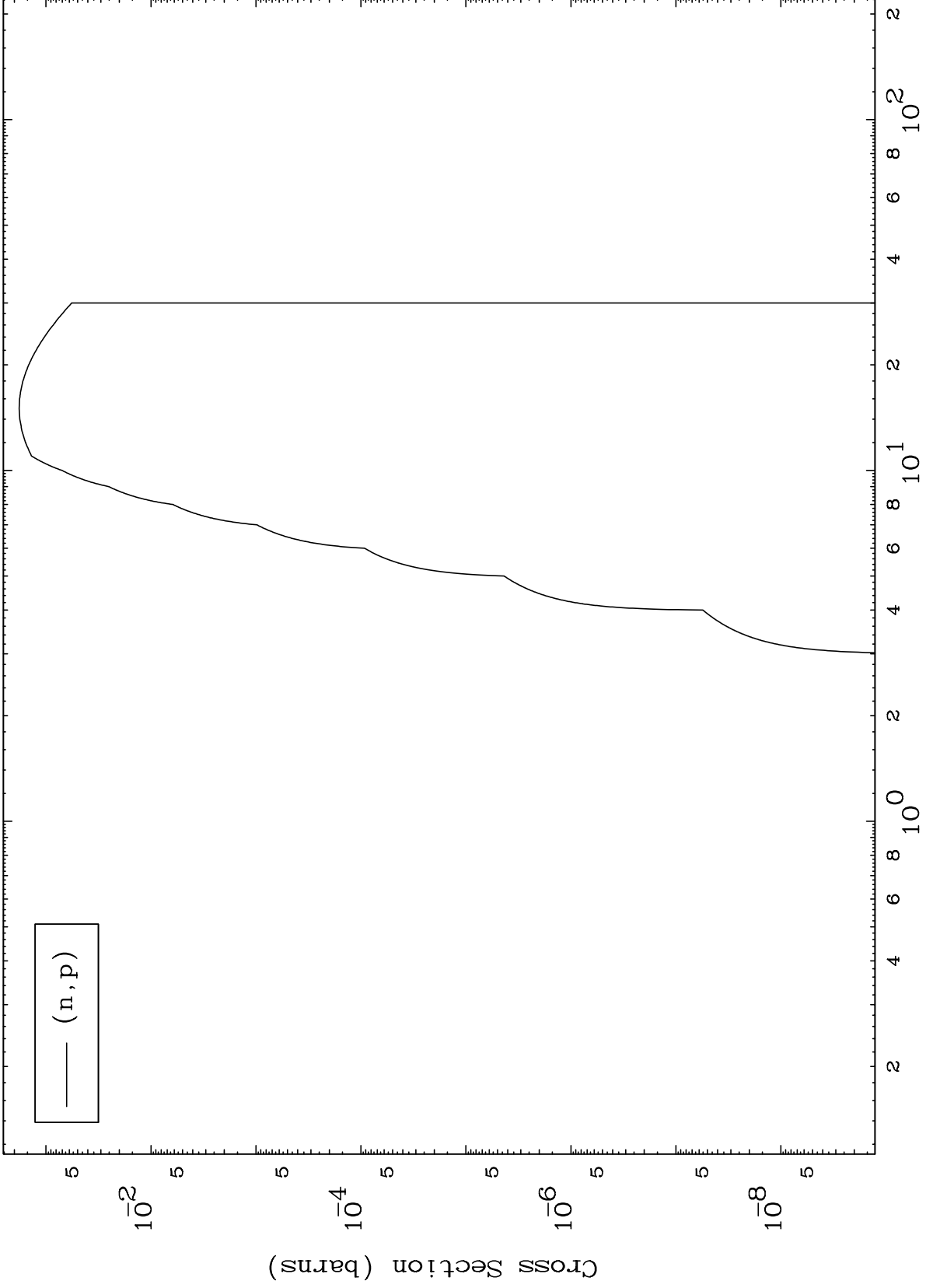


MAT 8395

(d,p) Levels

84-Po-196

0 Kelvin Cross Sections



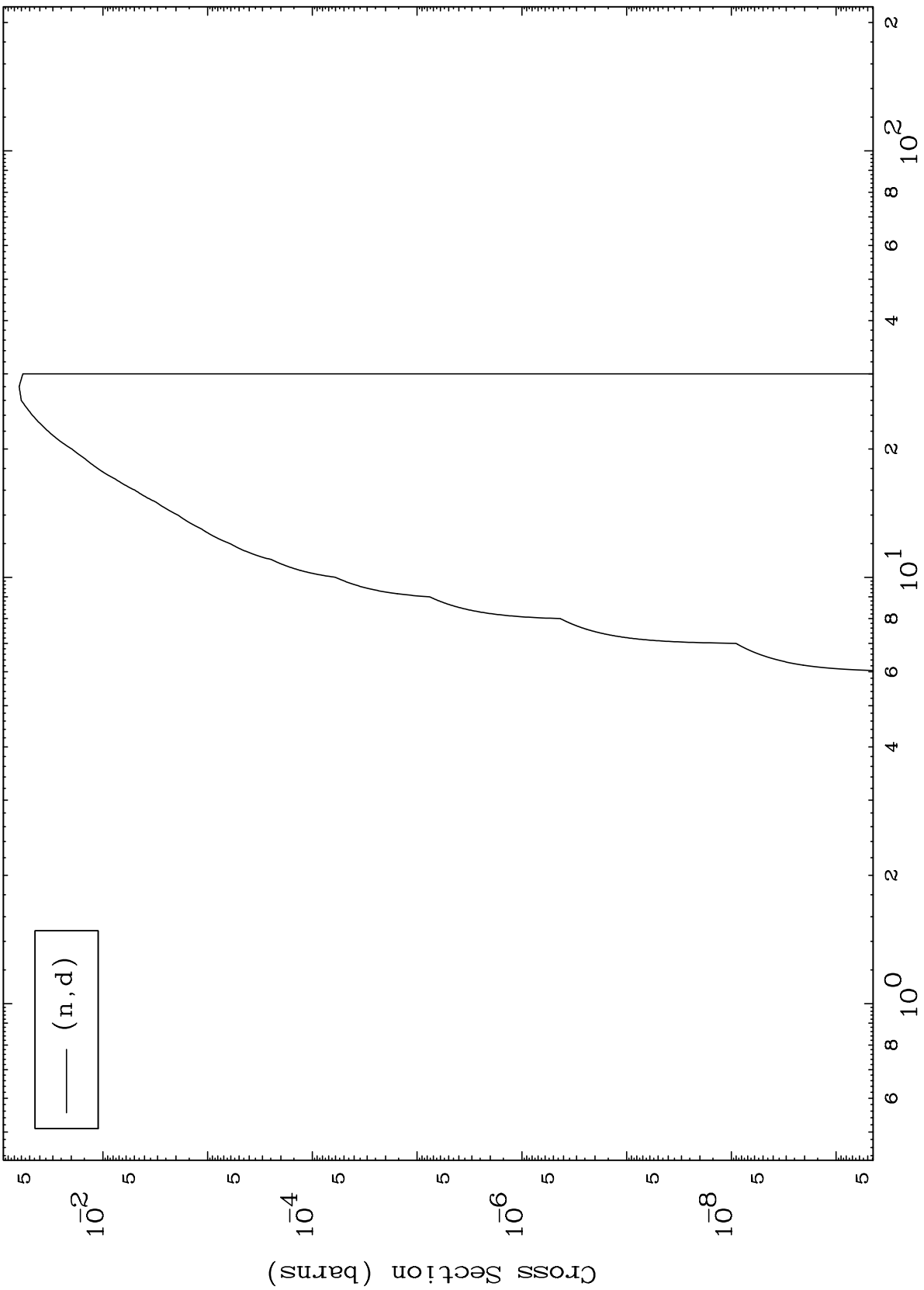
(n,p)

MAT 8395

(d,d) Levels

84-Po-196

0 Kelvin Cross Sections



8

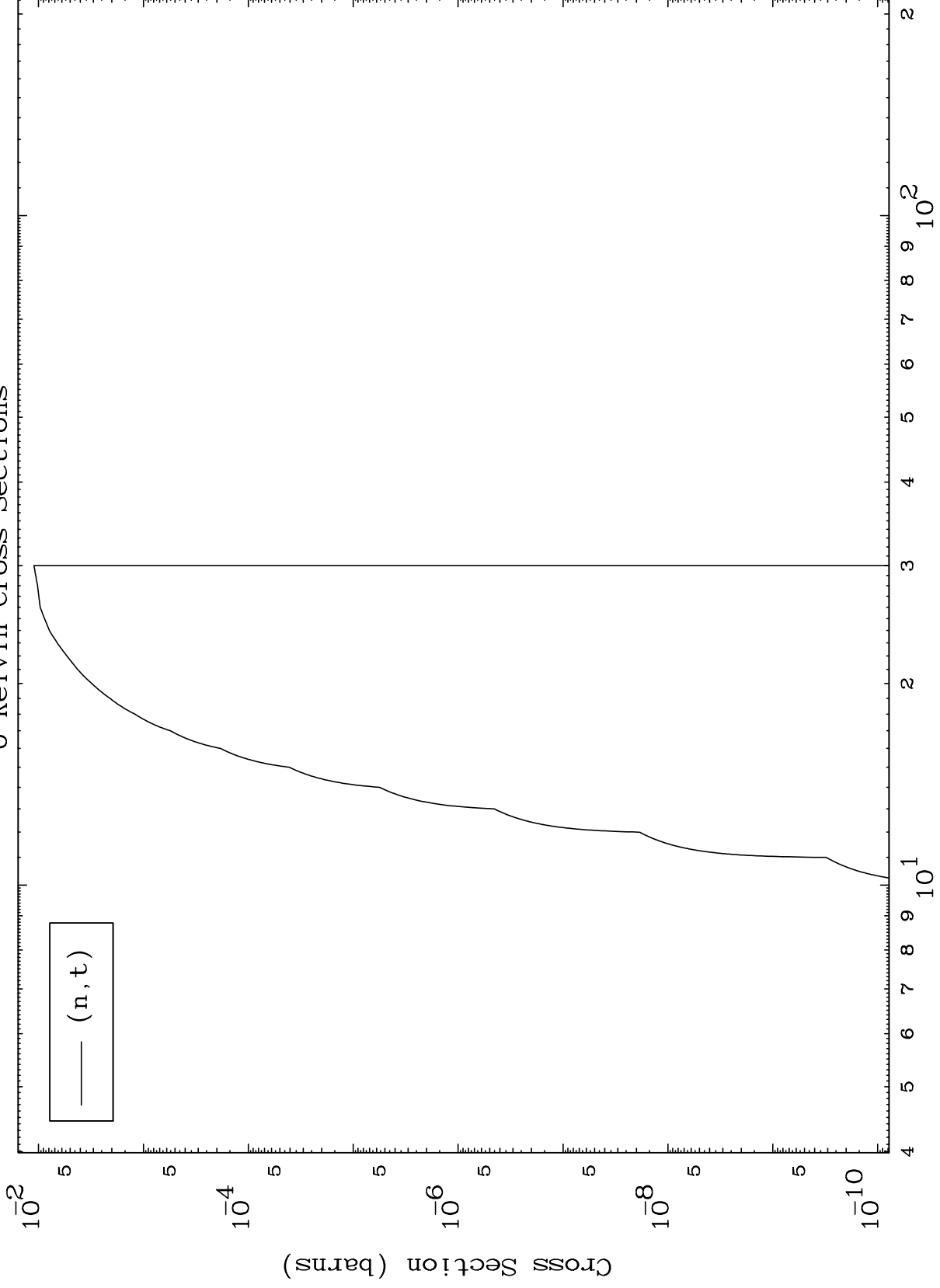
Incident Energy (MeV)

84-Po-196

MAT 8395

(d,t) Levels  
0 Kelvin Cross Sections

84-Po-196

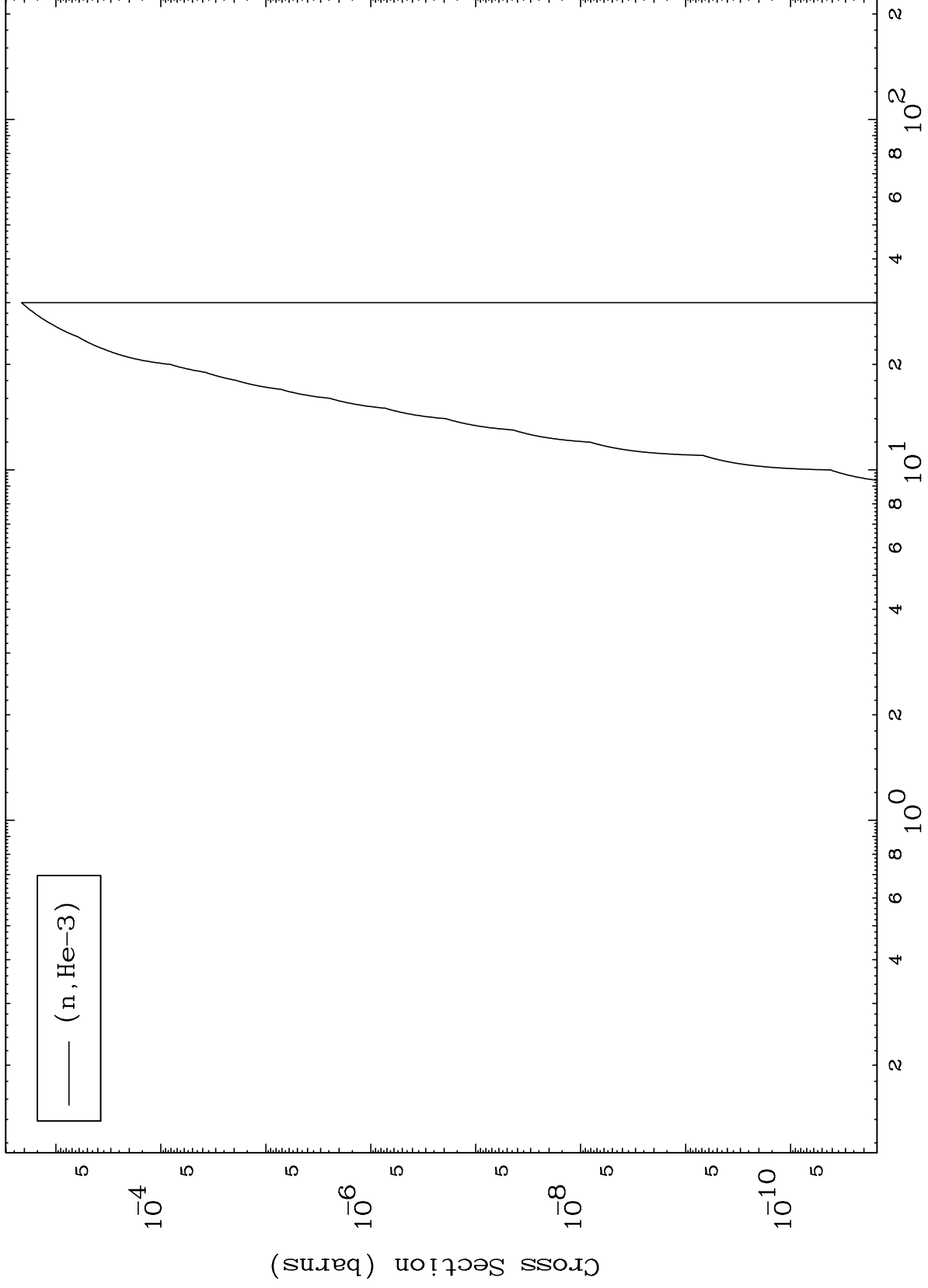


MAT 8395

(d,He3) Levels

84-Po-196

0 Kelvin Cross Sections



10

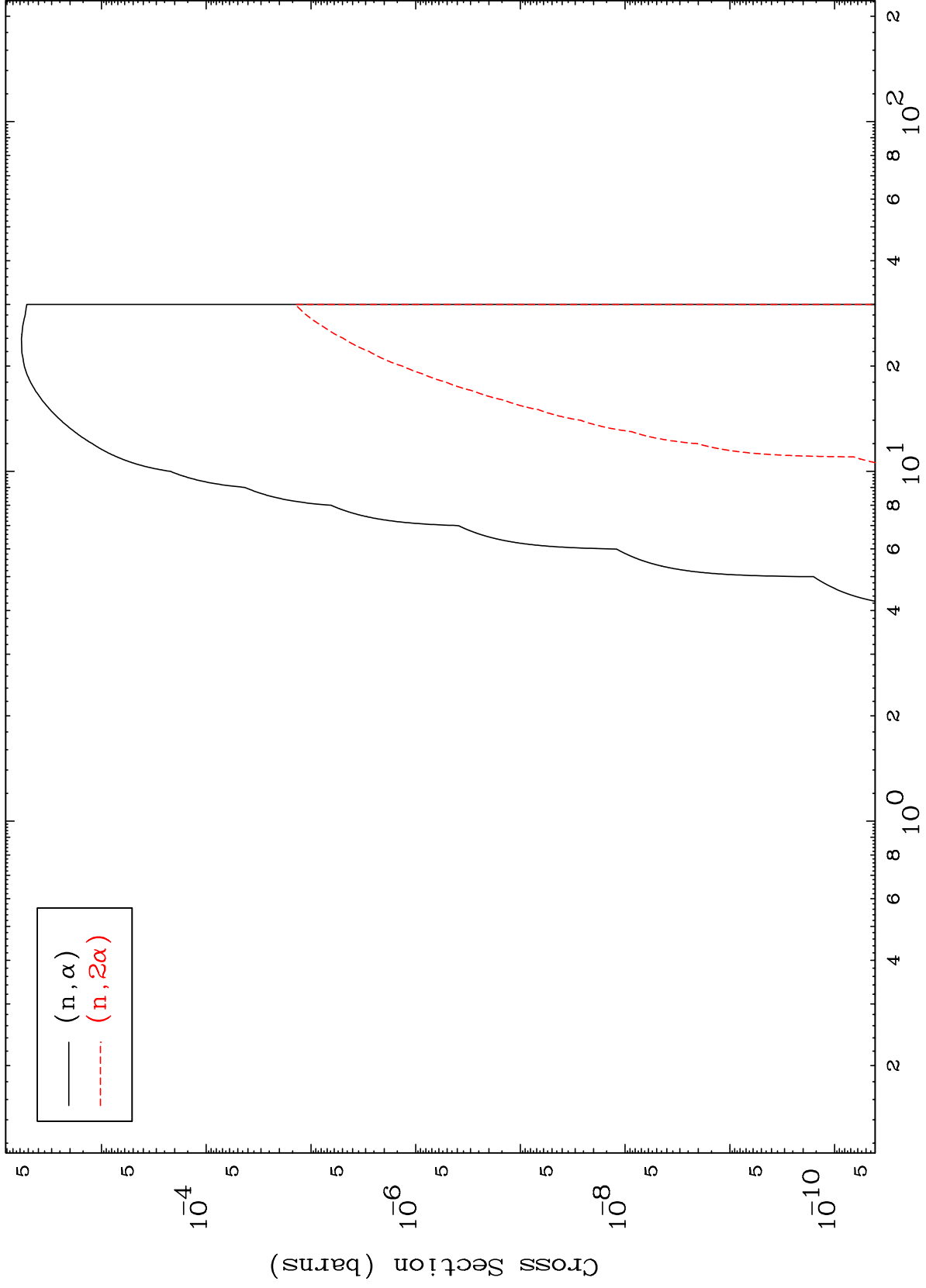
Incident Energy (MeV)

84-Po-196

MAT 8395

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

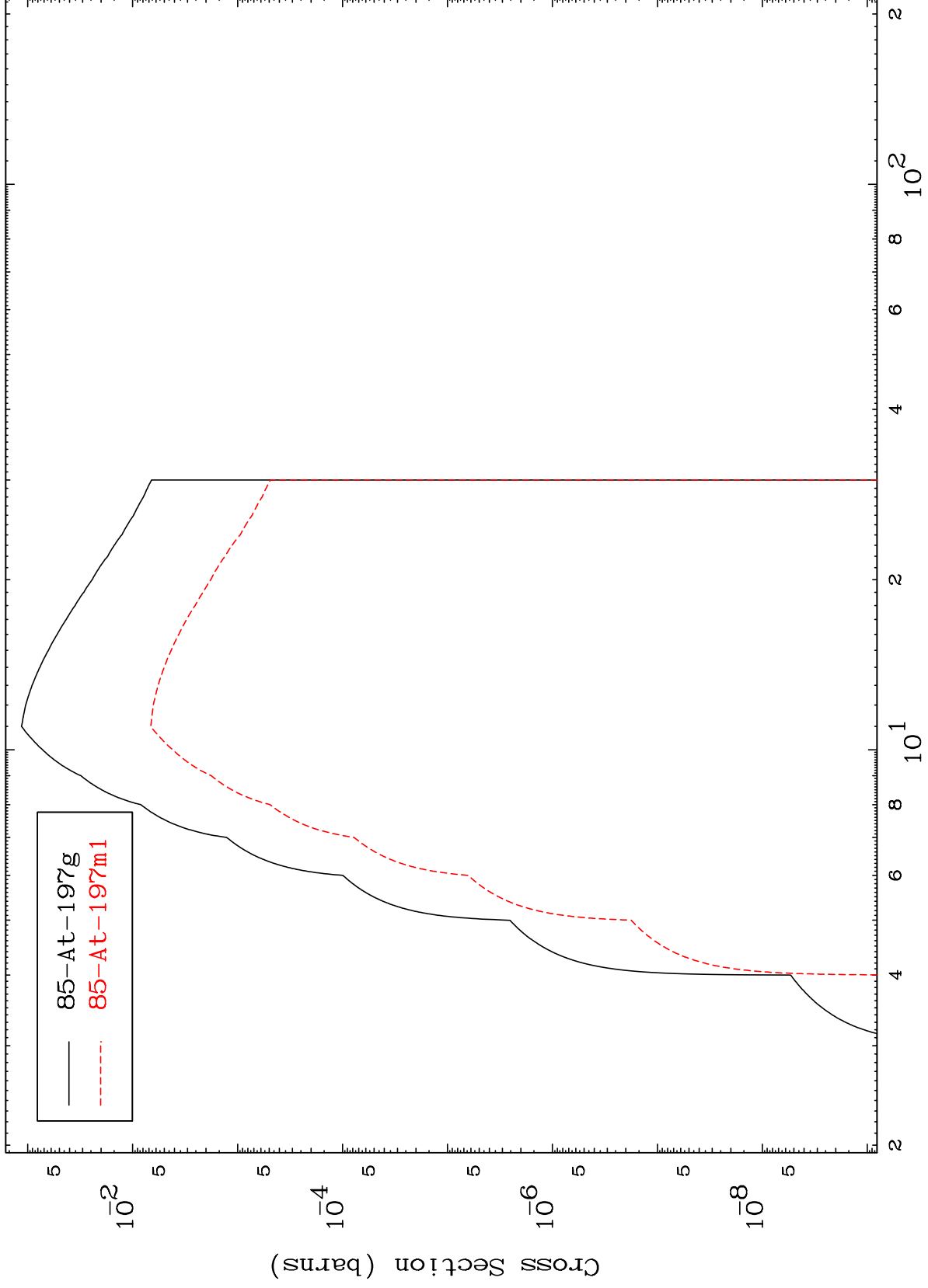
84-Po-196



MAT 8395

Inelastic  
Radionuclide Production Cross Section

84-Po-196



12

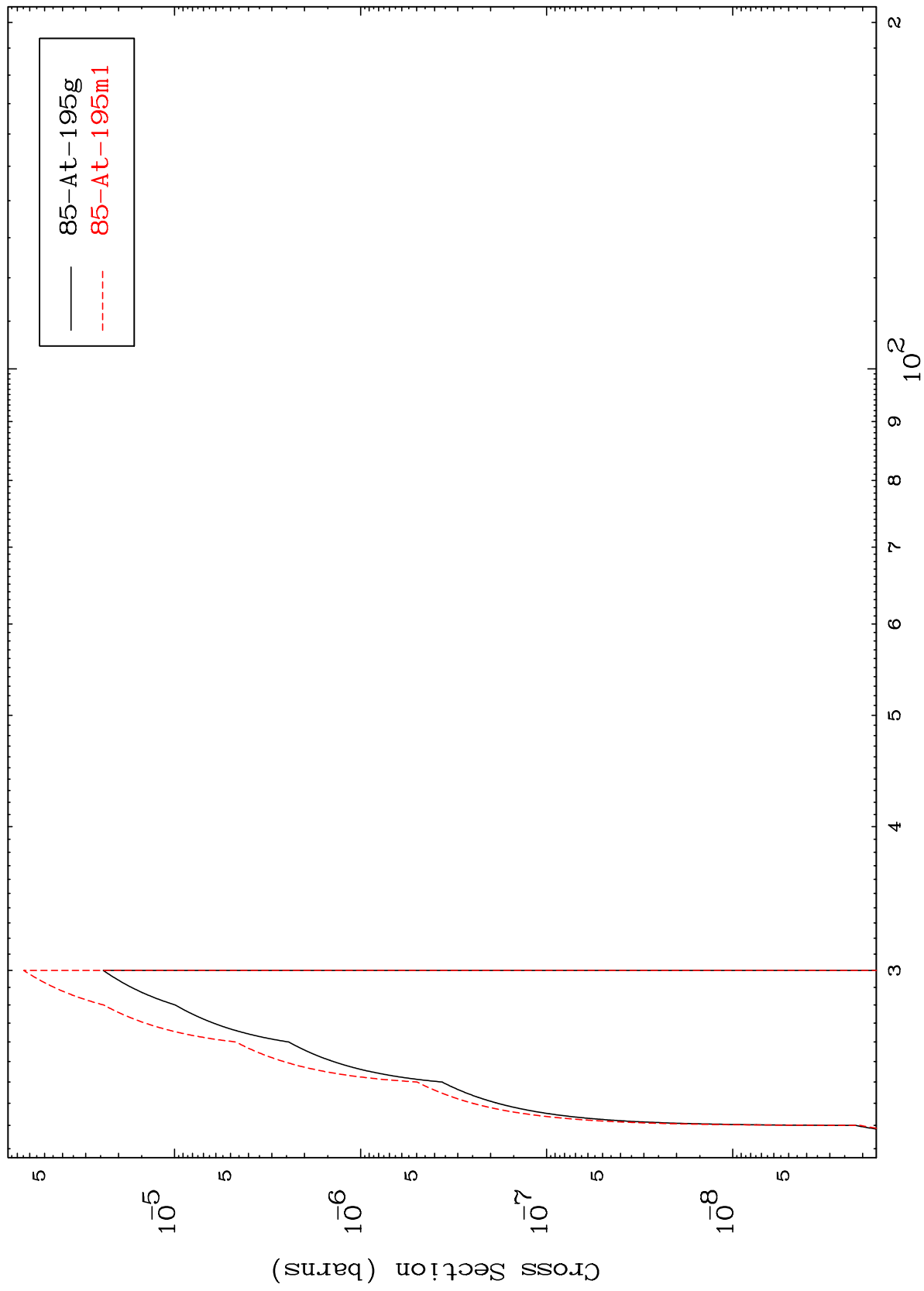
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

(n,3n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

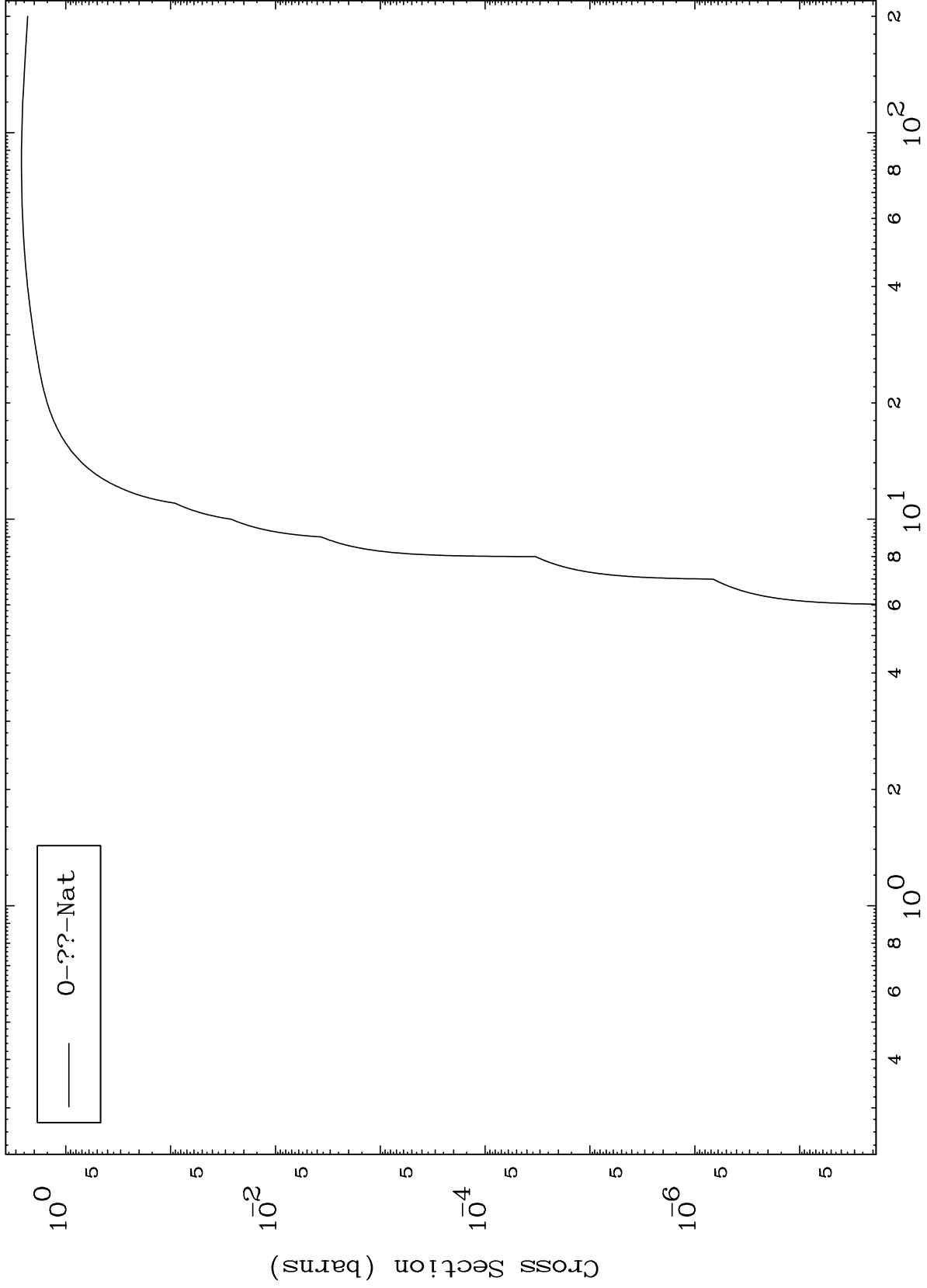
84-Po-196

MAT 8395

Fission

84-Po-196

Radionuclide Production Cross Section



14

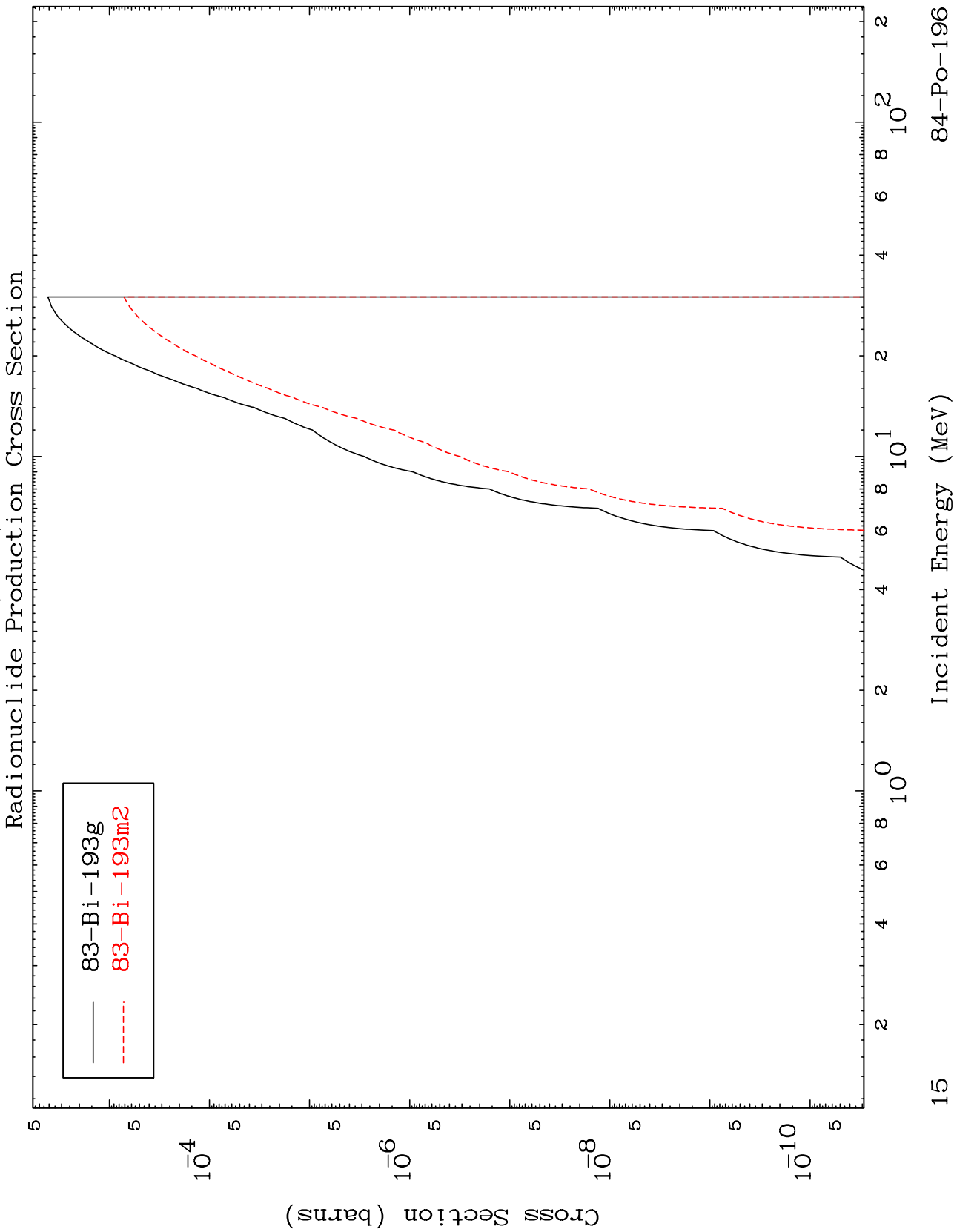
Incident Energy (MeV)

84-Po-196

MAT 8395

$(n, n') \alpha$

84-Po-196



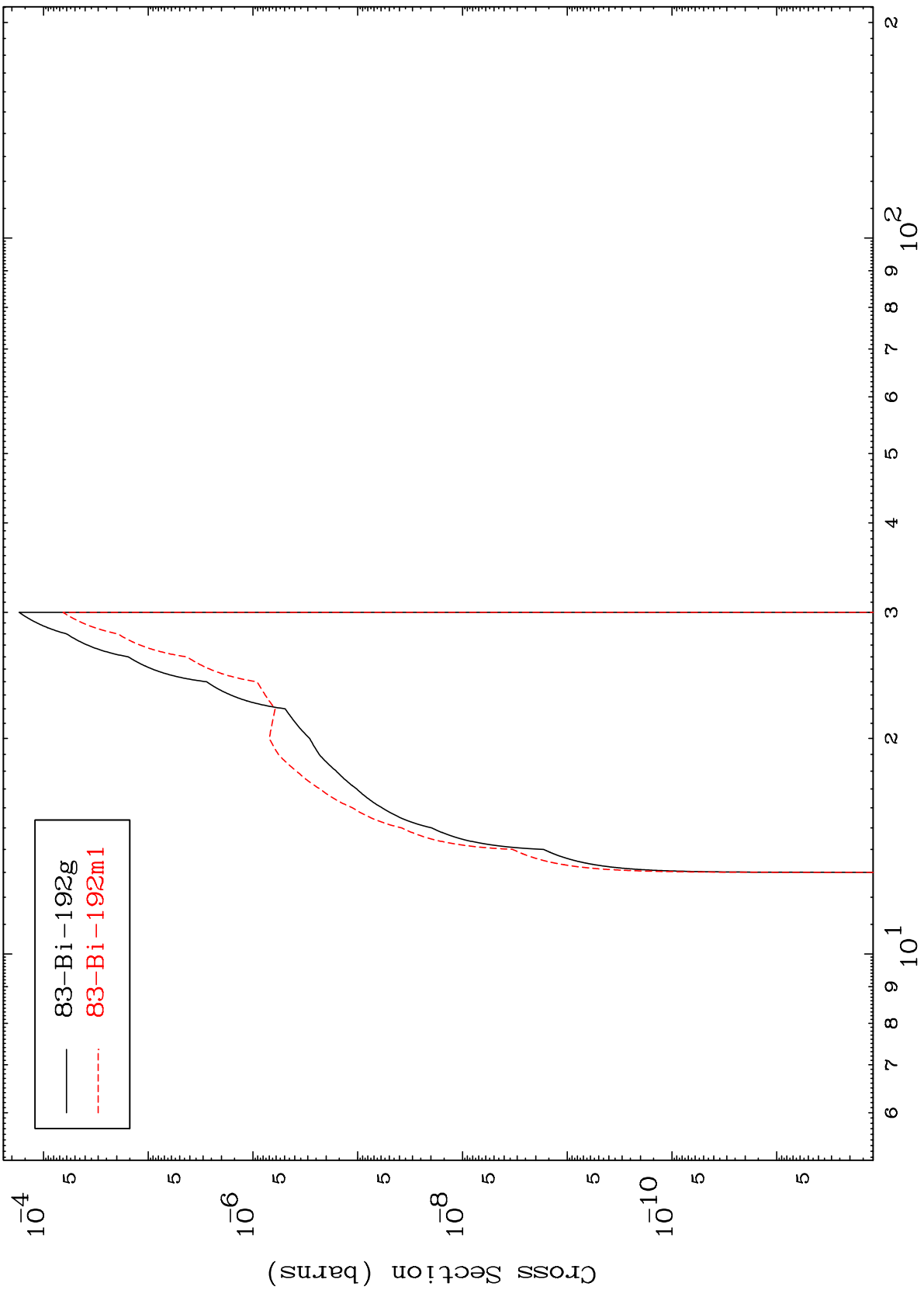
83-Bi-193g  
83-Bi-193m2

MAT 8395

$(n,2n) \alpha$

84-Po-196

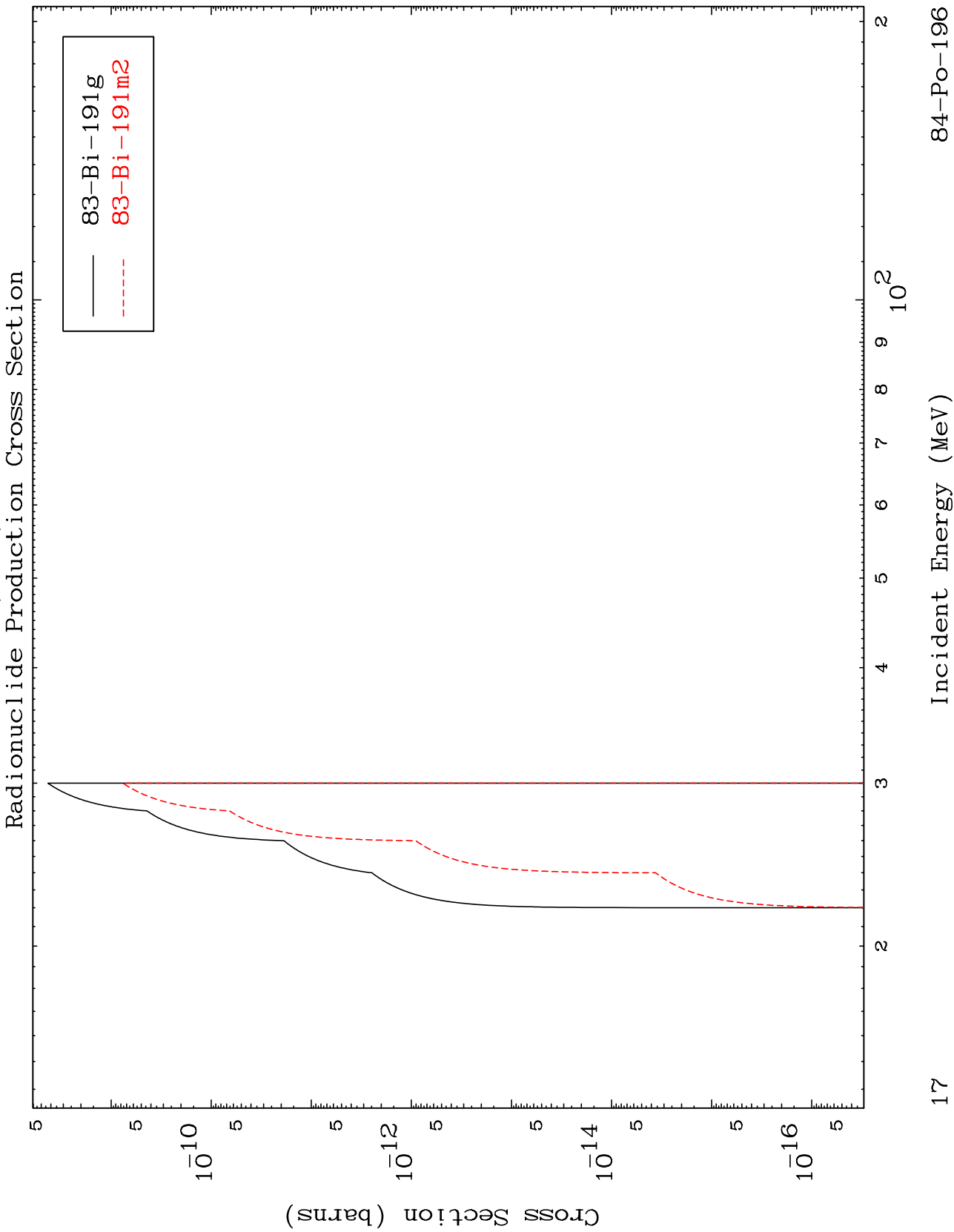
Radionuclide Production Cross Section



16

Incident Energy (MeV)

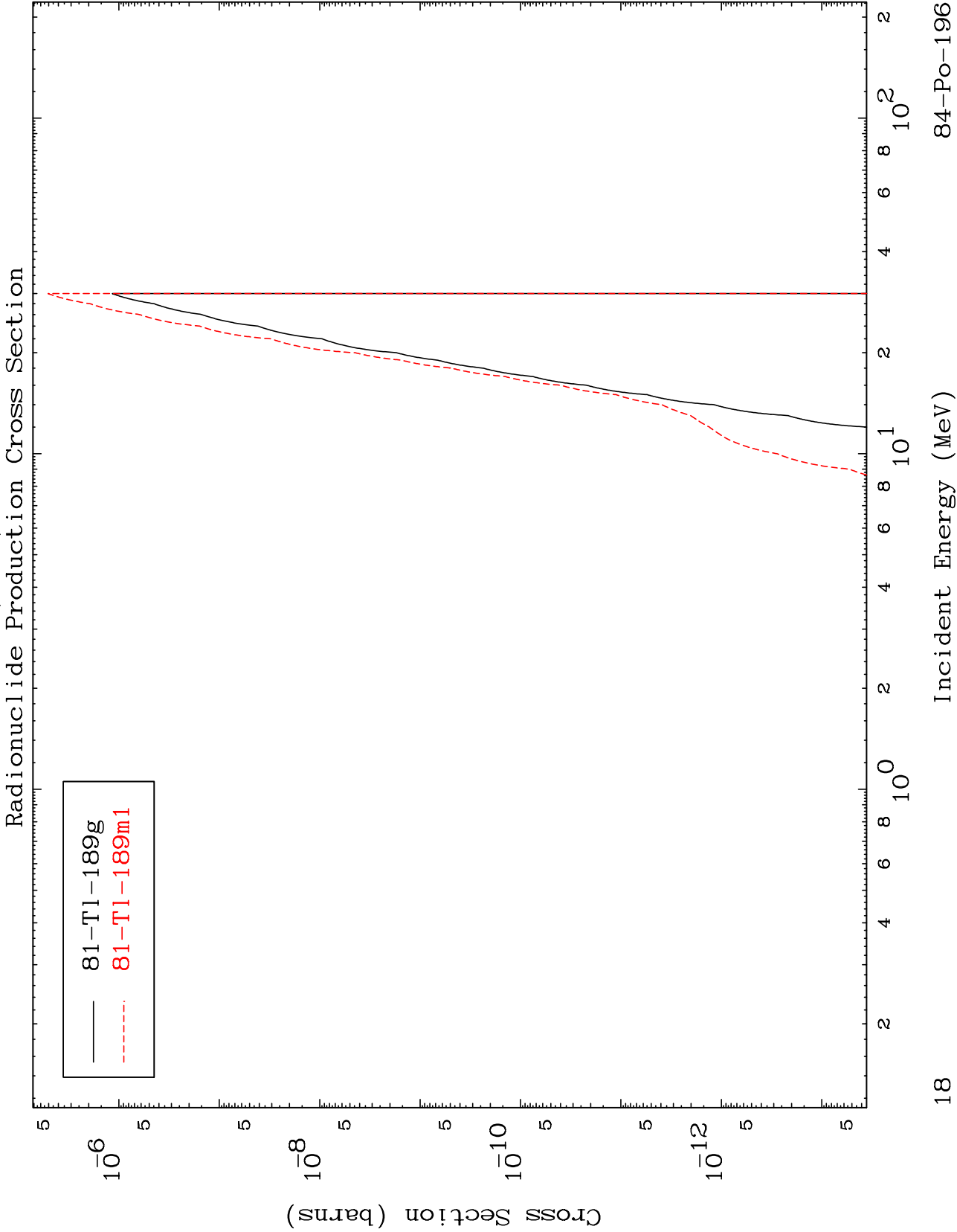
84-Po-196



MAT 8395

(n,n') 2α

84-Po-196

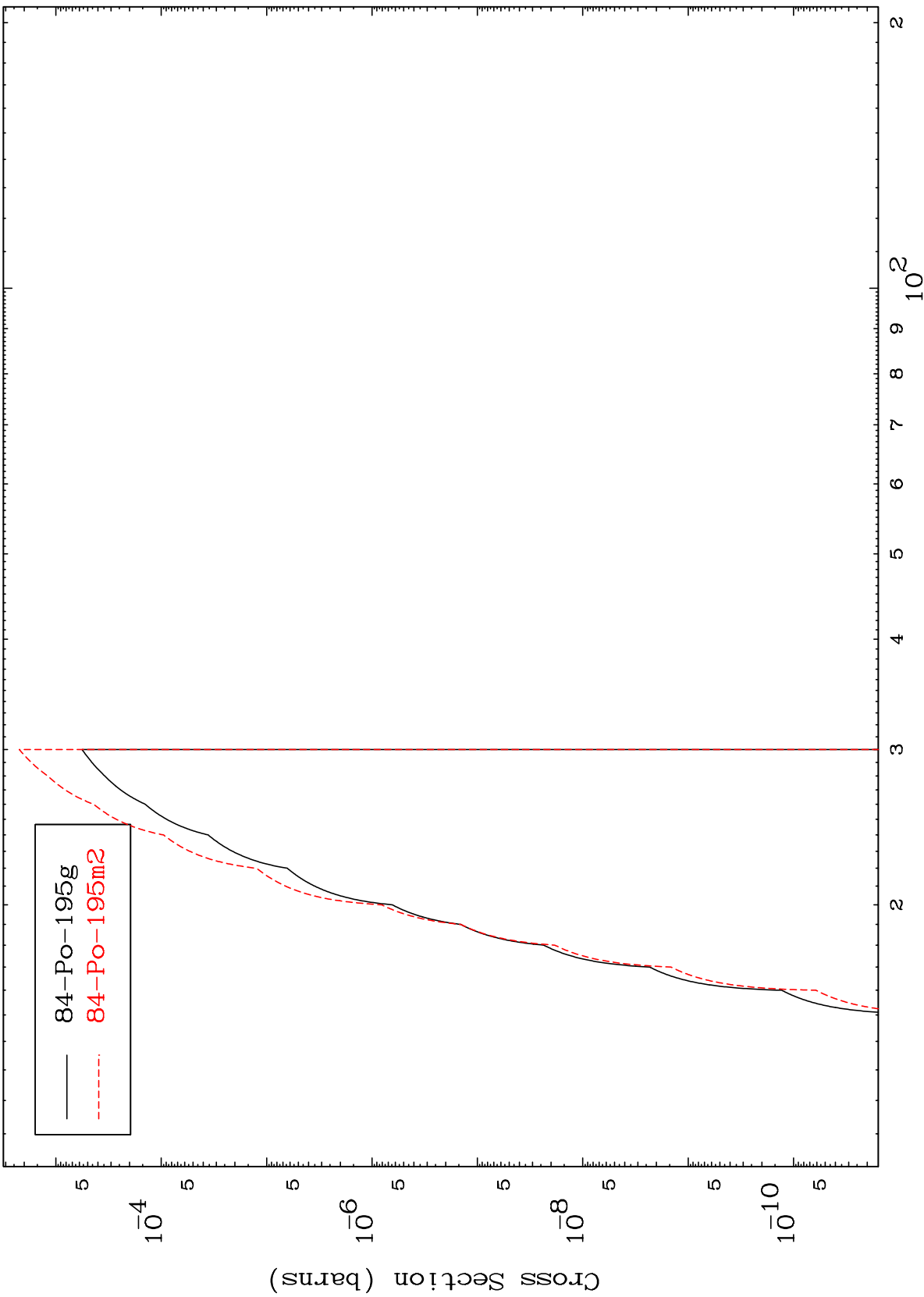


MAT 8395

(n,n') d

84-Po-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

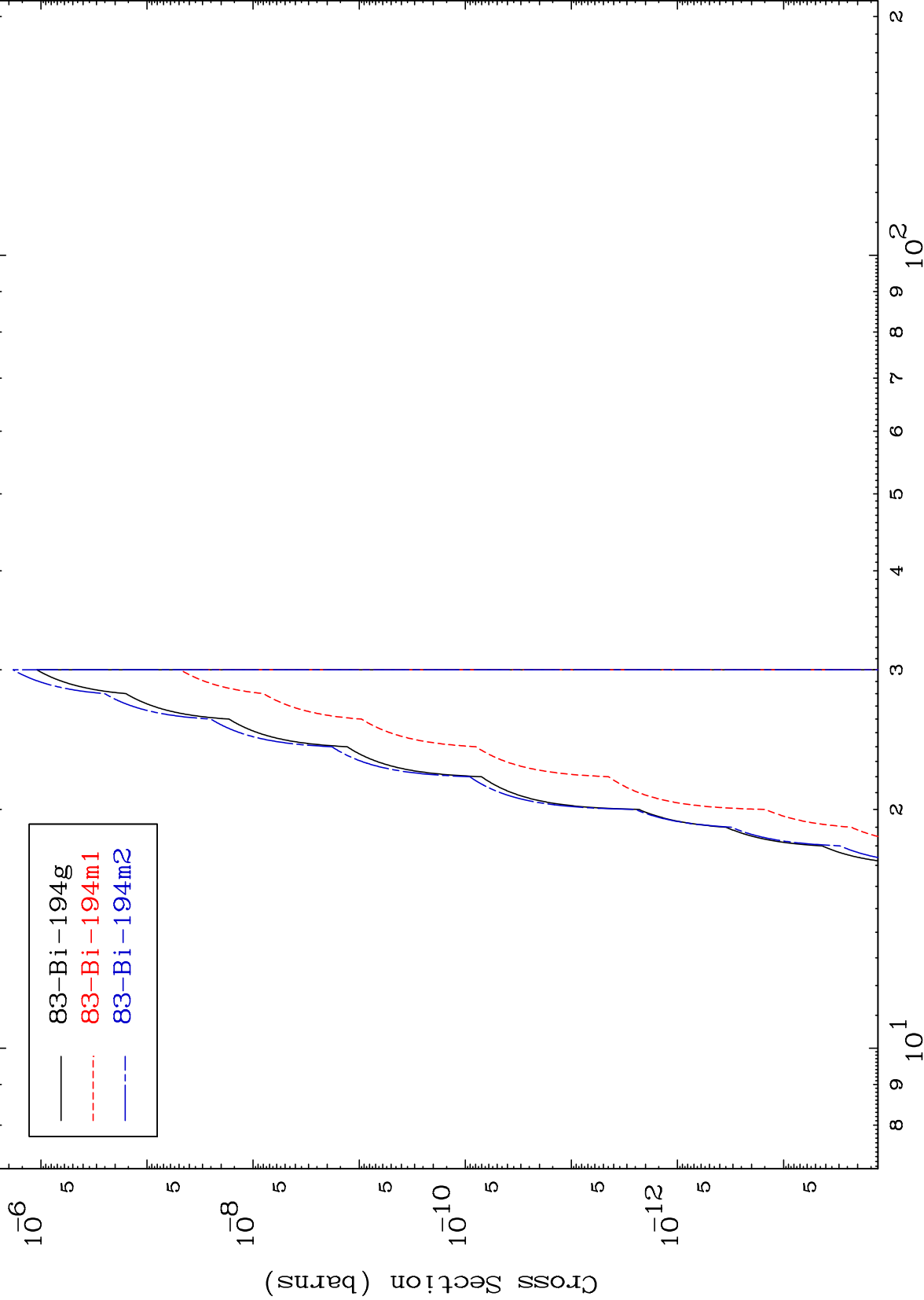
84-Po-196

MAT 8395

(n,n') He-3

84-Po-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

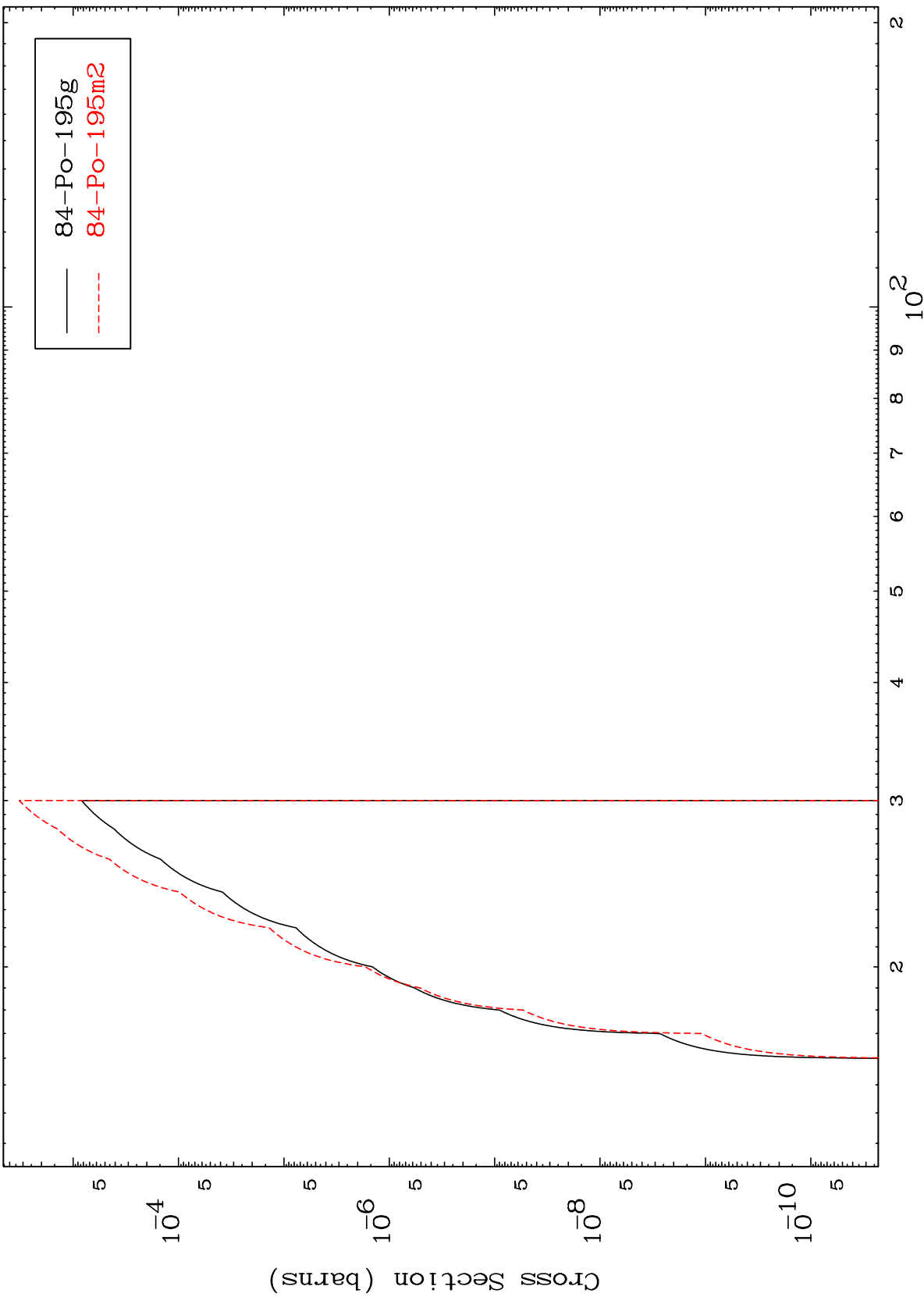
84-Po-196

MAT 8395

(n,2n) p

84-Po-196

Radionuclide Production Cross Section

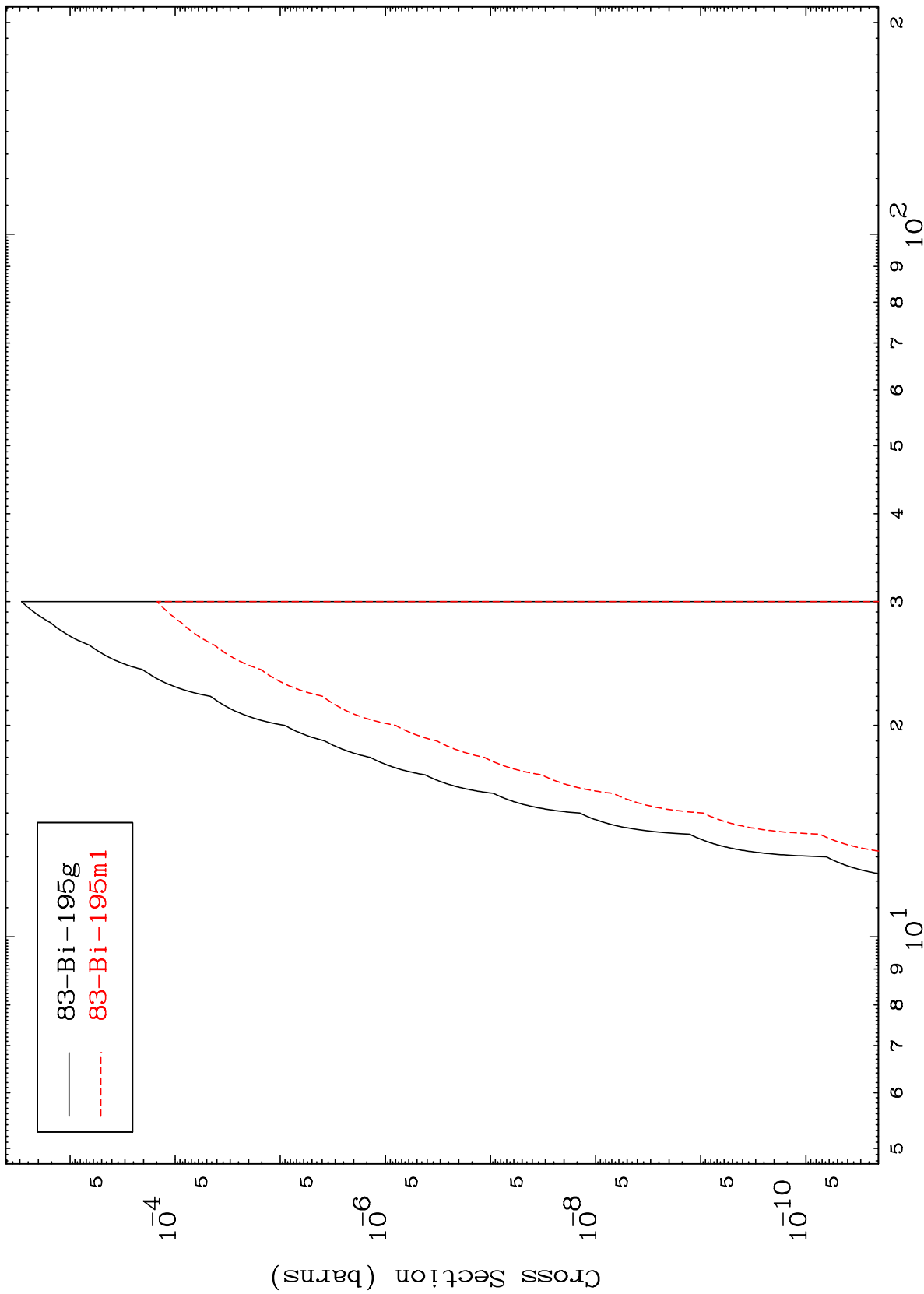


MAT 8395

(n,2n) p

84-Po-196

Radionuclide Production Cross Section



22

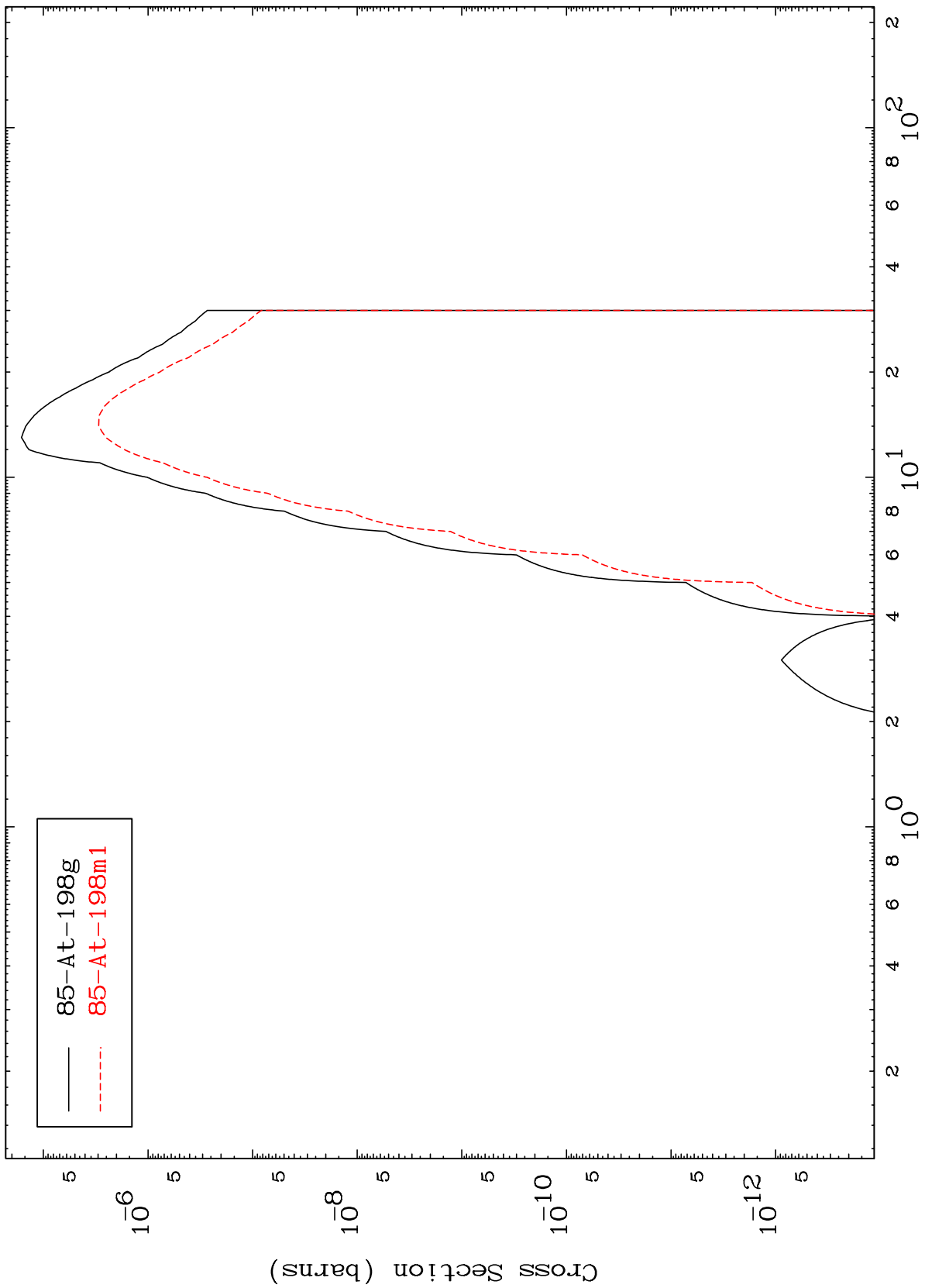
Incident Energy (MeV)

84-Po-196

MAT 8395

84-Po-196

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



85-At-198g  
85-At-198m1

84-Po-196

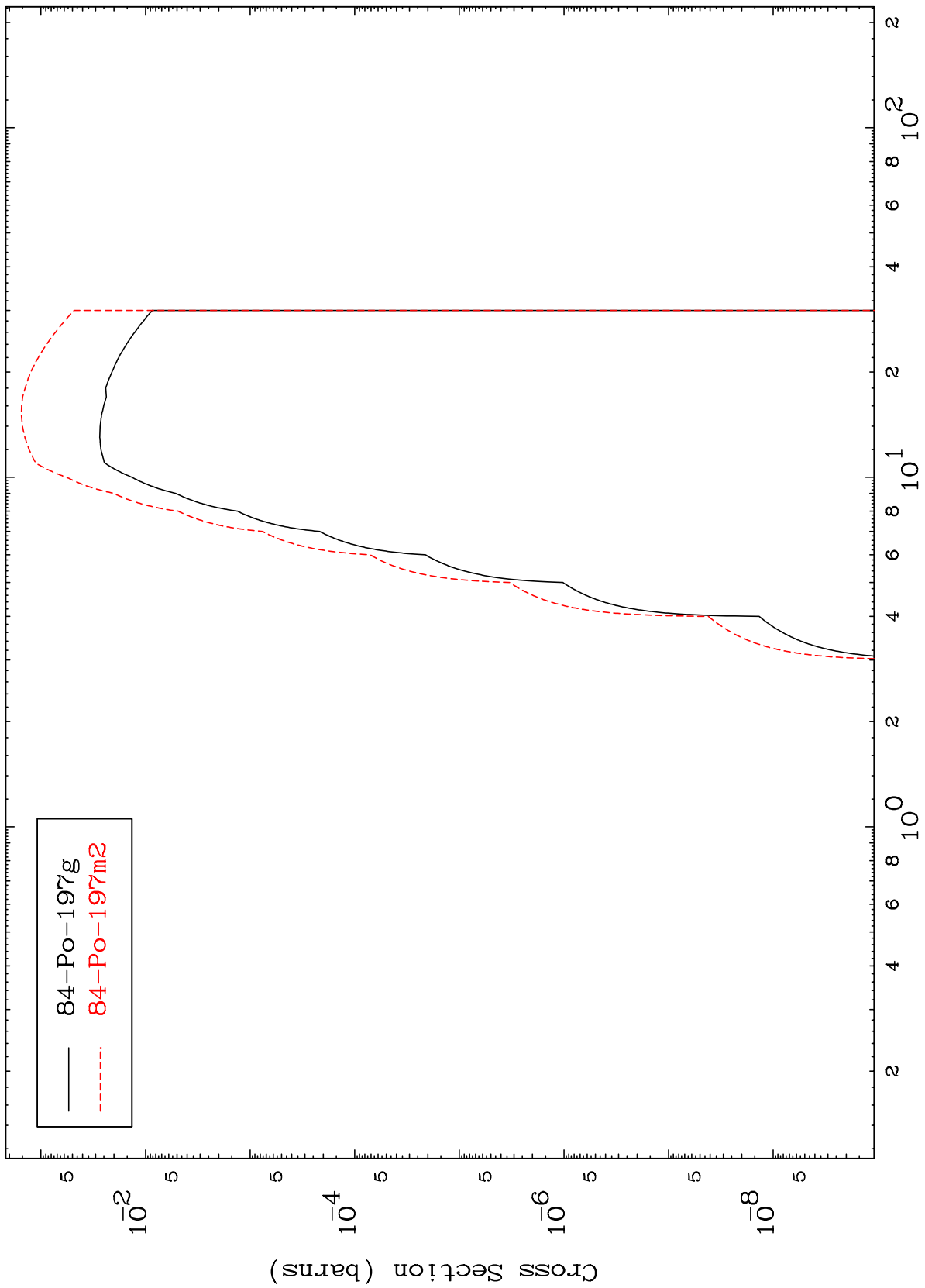
Incident Energy (MeV)

23

MAT 8395

84-Po-196

(n,p)  
Radionuclide Production Cross Section



— 84-Po-197g  
- - - 84-Po-197m2

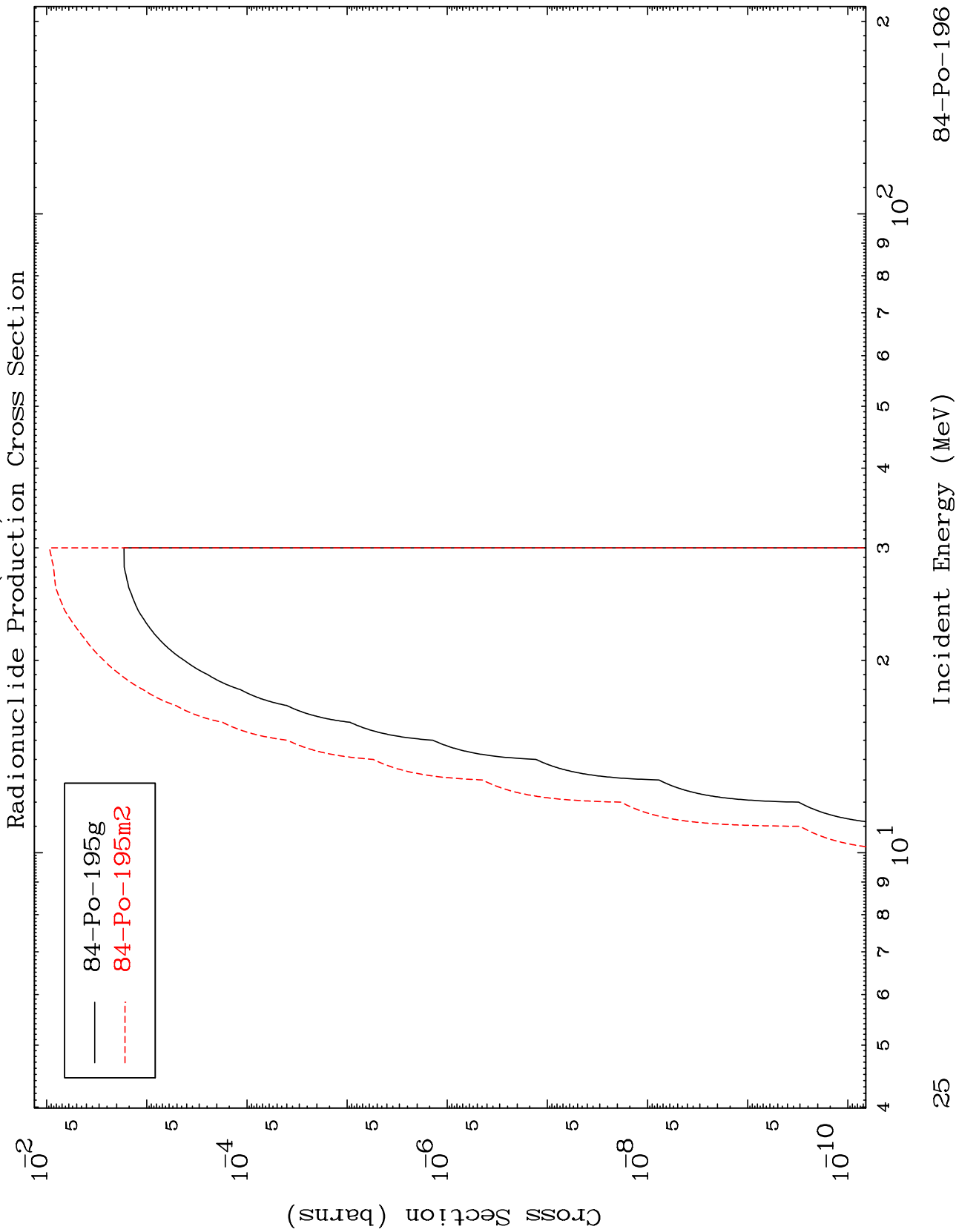
84-Po-196

Incident Energy (MeV)

24

MAT 8395

84-Po-196



25

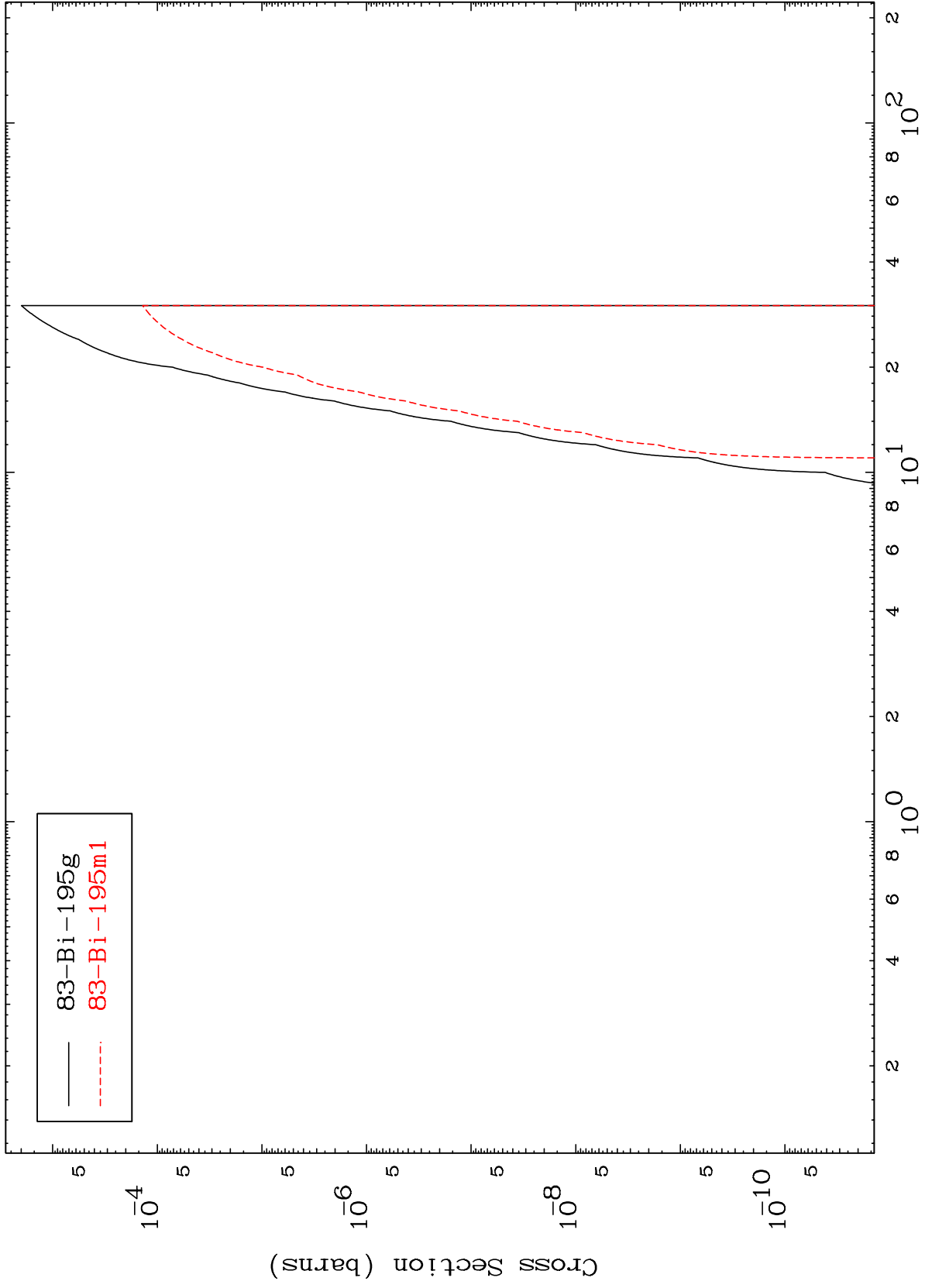
84-Po-196

MAT 8395

(n,He-3)

84-Po-196

Radionuclide Production Cross Section

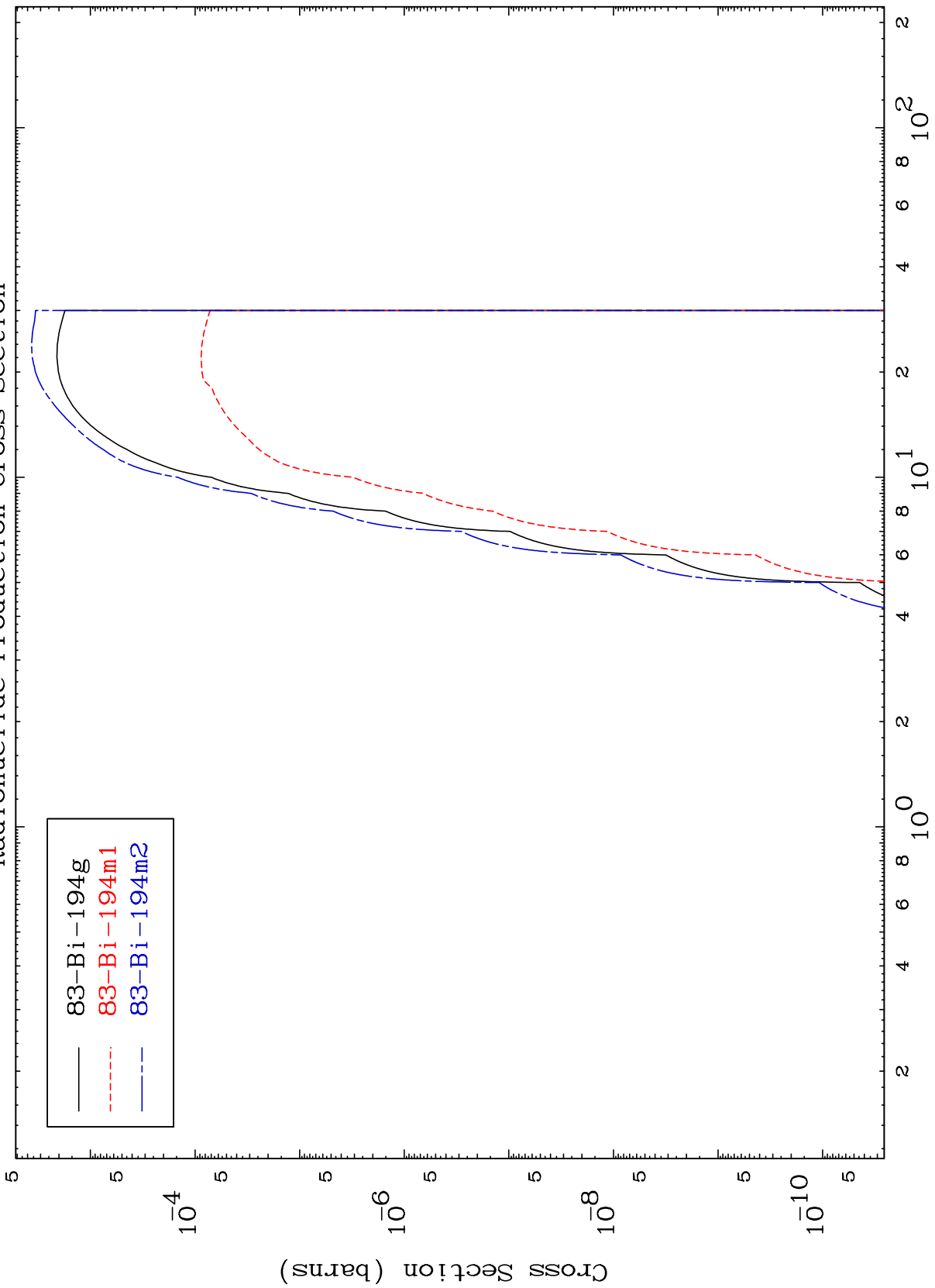


83-Bi-195g  
83-Bi-195m1

MAT 8395

84-Po-196

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



83-Bi-194g  
83-Bi-194m1  
83-Bi-194m2

84-Po-196

Incident Energy (MeV)

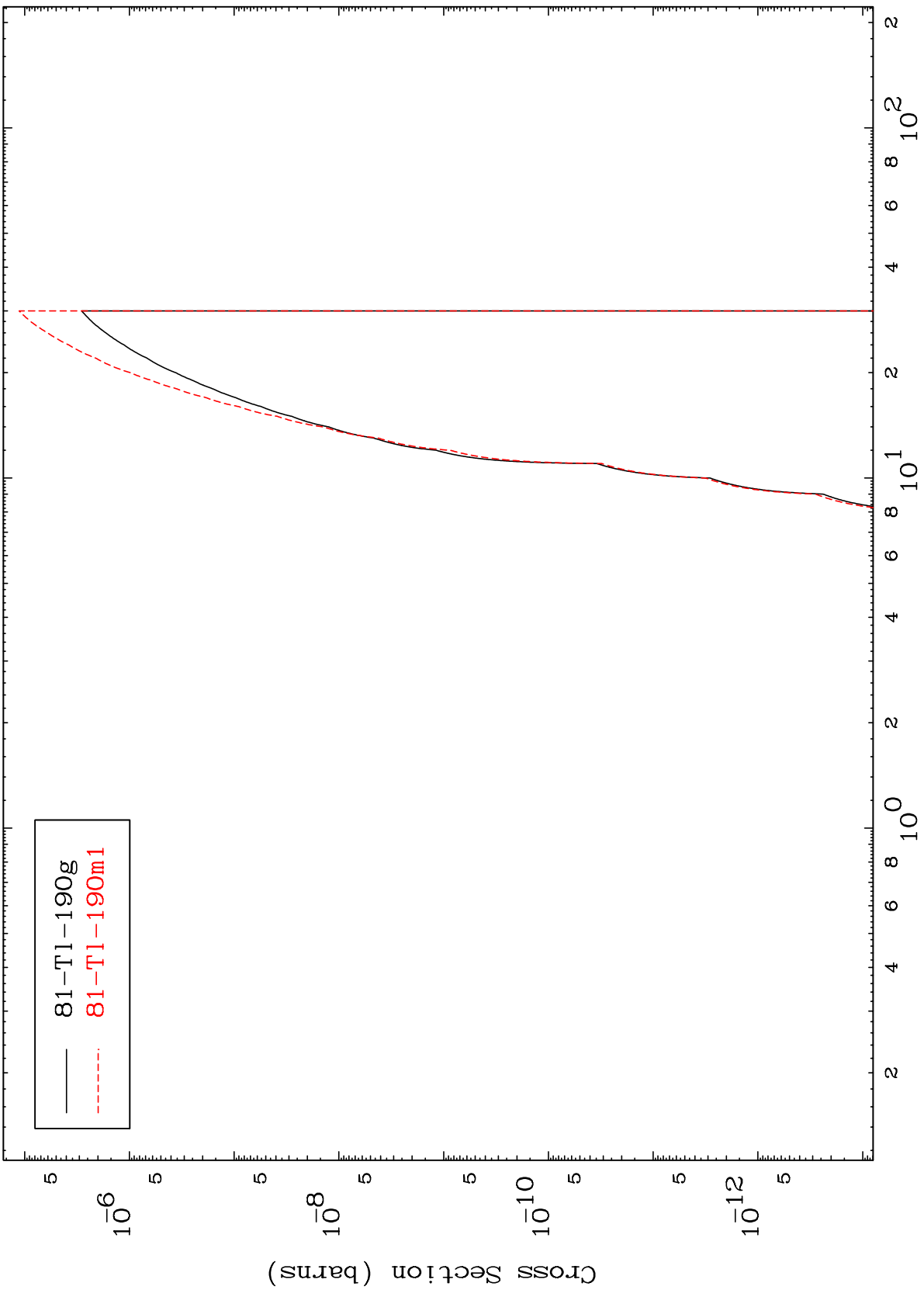
27

MAT 8395

(n,2α)

84-Po-196

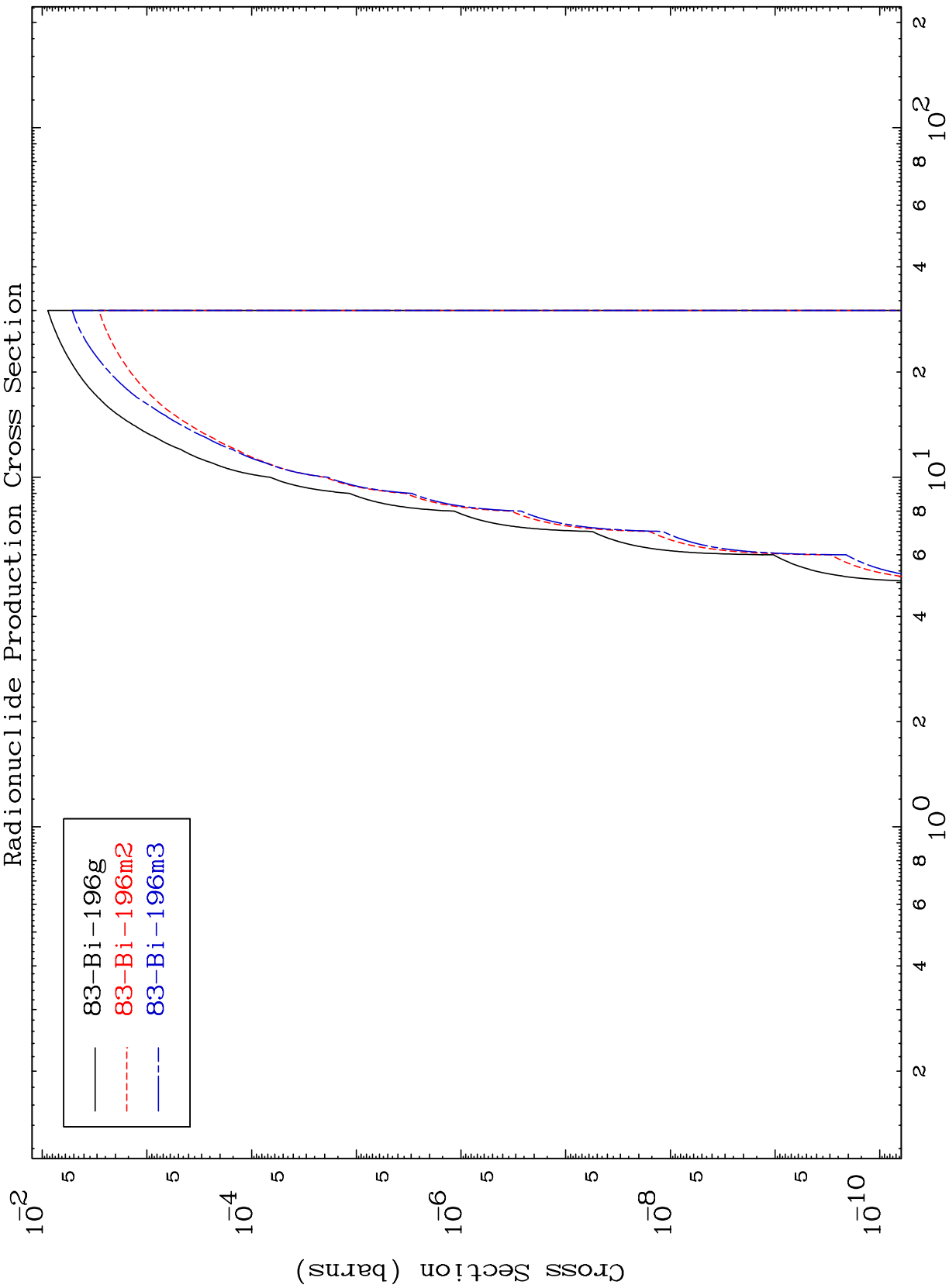
Radionuclide Production Cross Section



MAT 8395

84-Po-196

Radionuclide Production Cross Section  
(n,2p)



29

84-Po-196

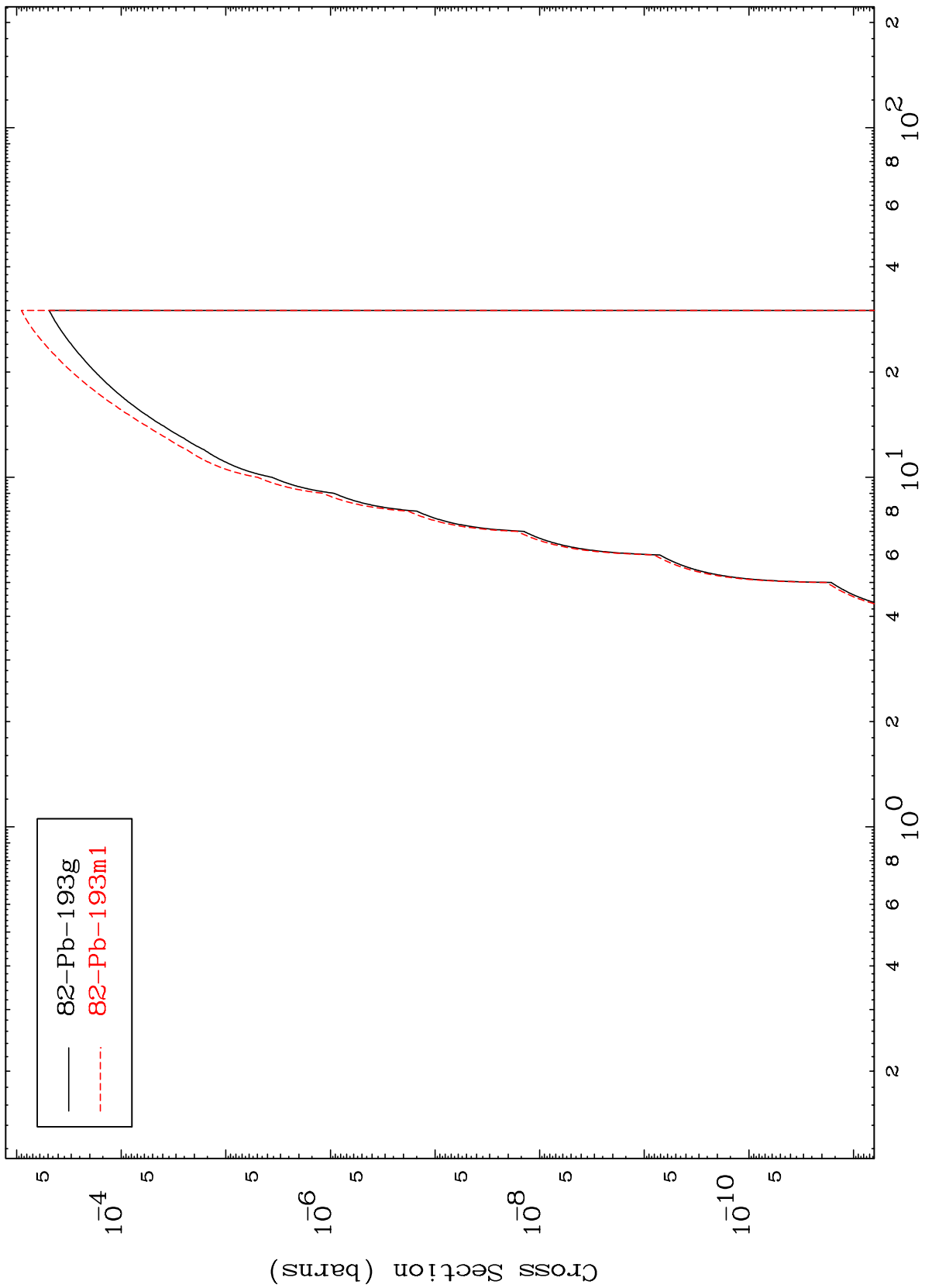
Incident Energy (MeV)

MAT 8395

(n,p)  $\alpha$

84-Po-196

Radionuclide Production Cross Section



30

Incident Energy (MeV)

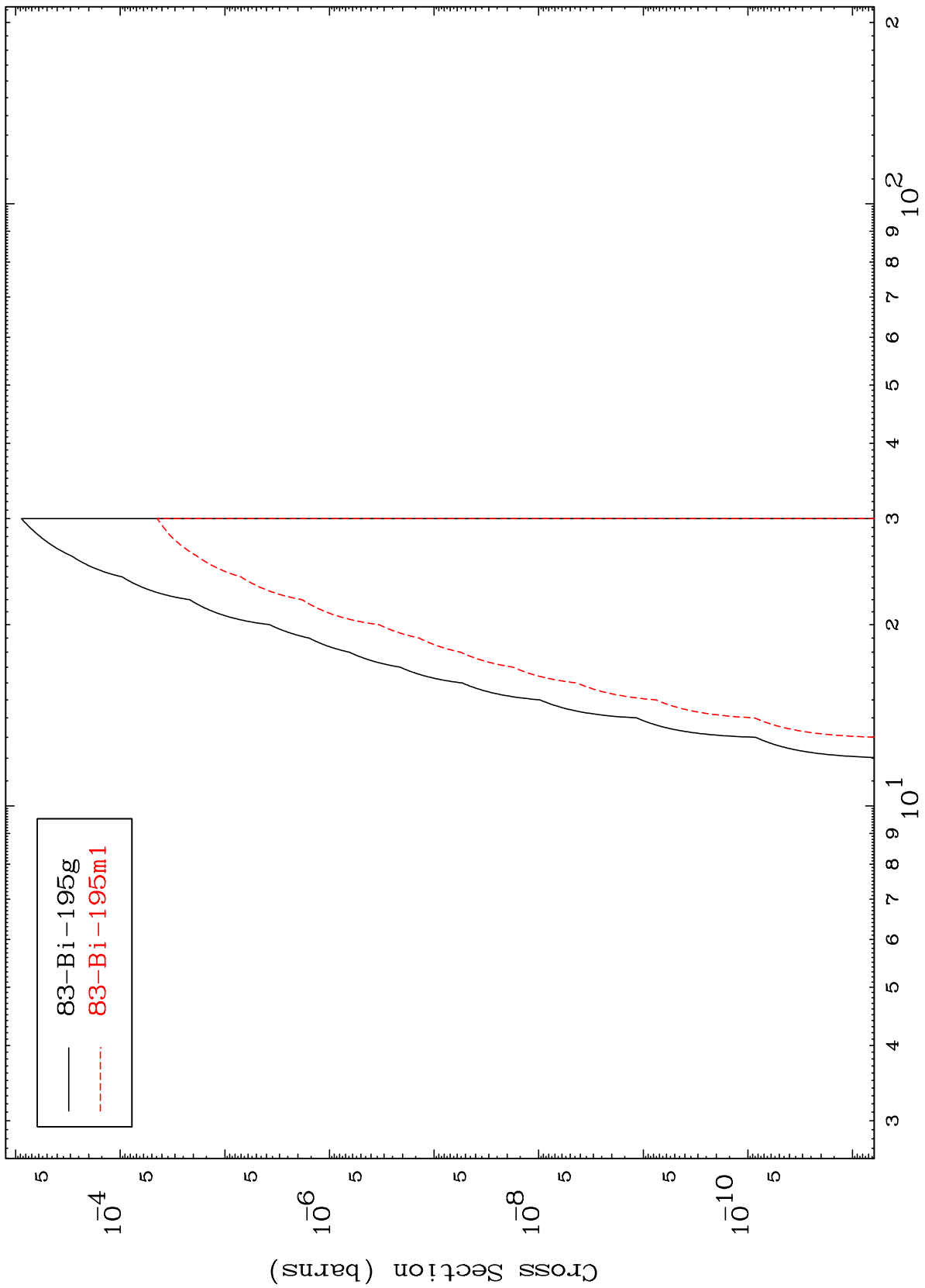
84-Po-196

MAT 8395

(n,p) d

84-Po-196

Radionuclide Production Cross Section



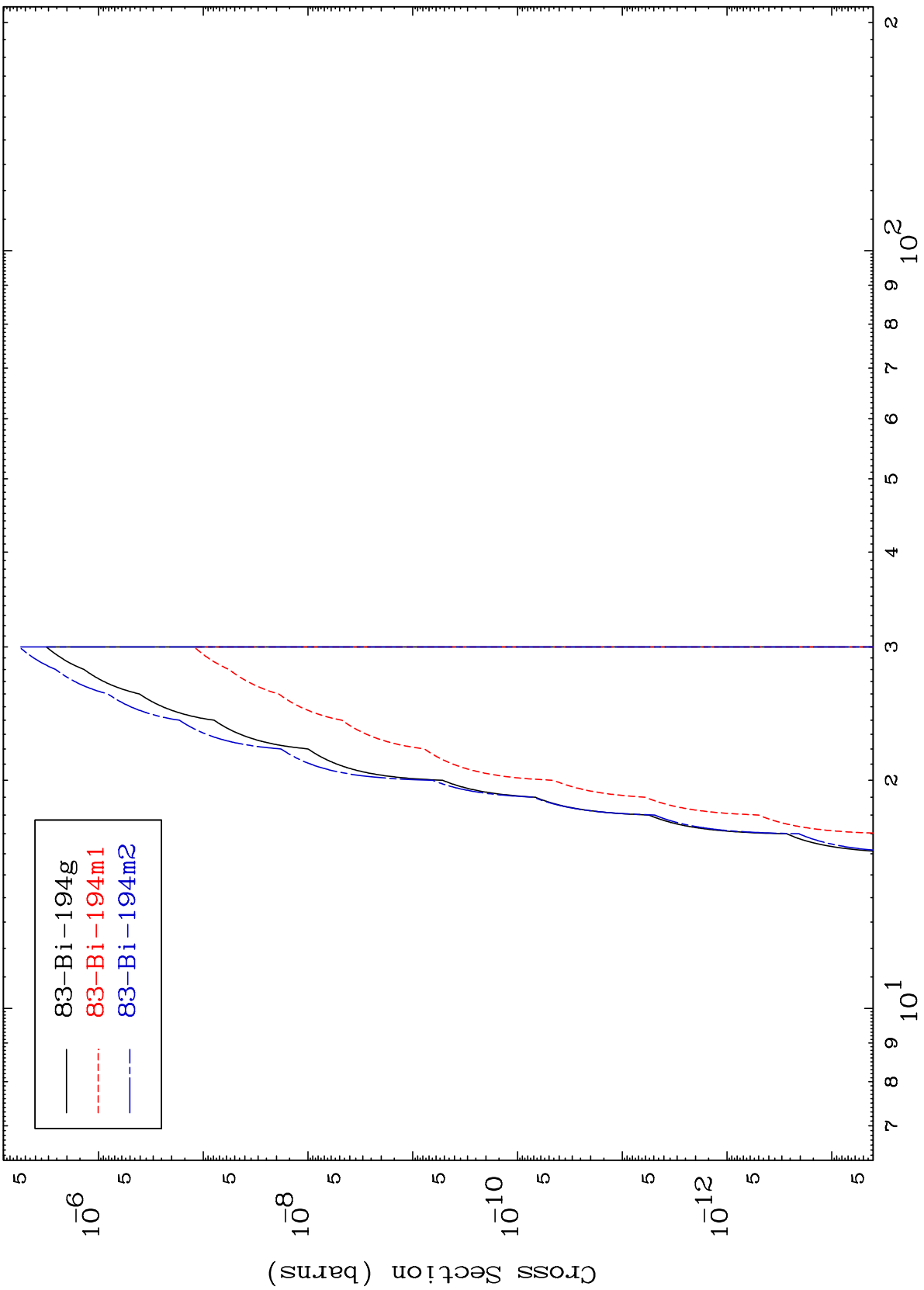
— 83-Bi-195g  
- - - 83-Bi-195m1

MAT 8395

(n,p) t

84-Po-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

84-Po-196