

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

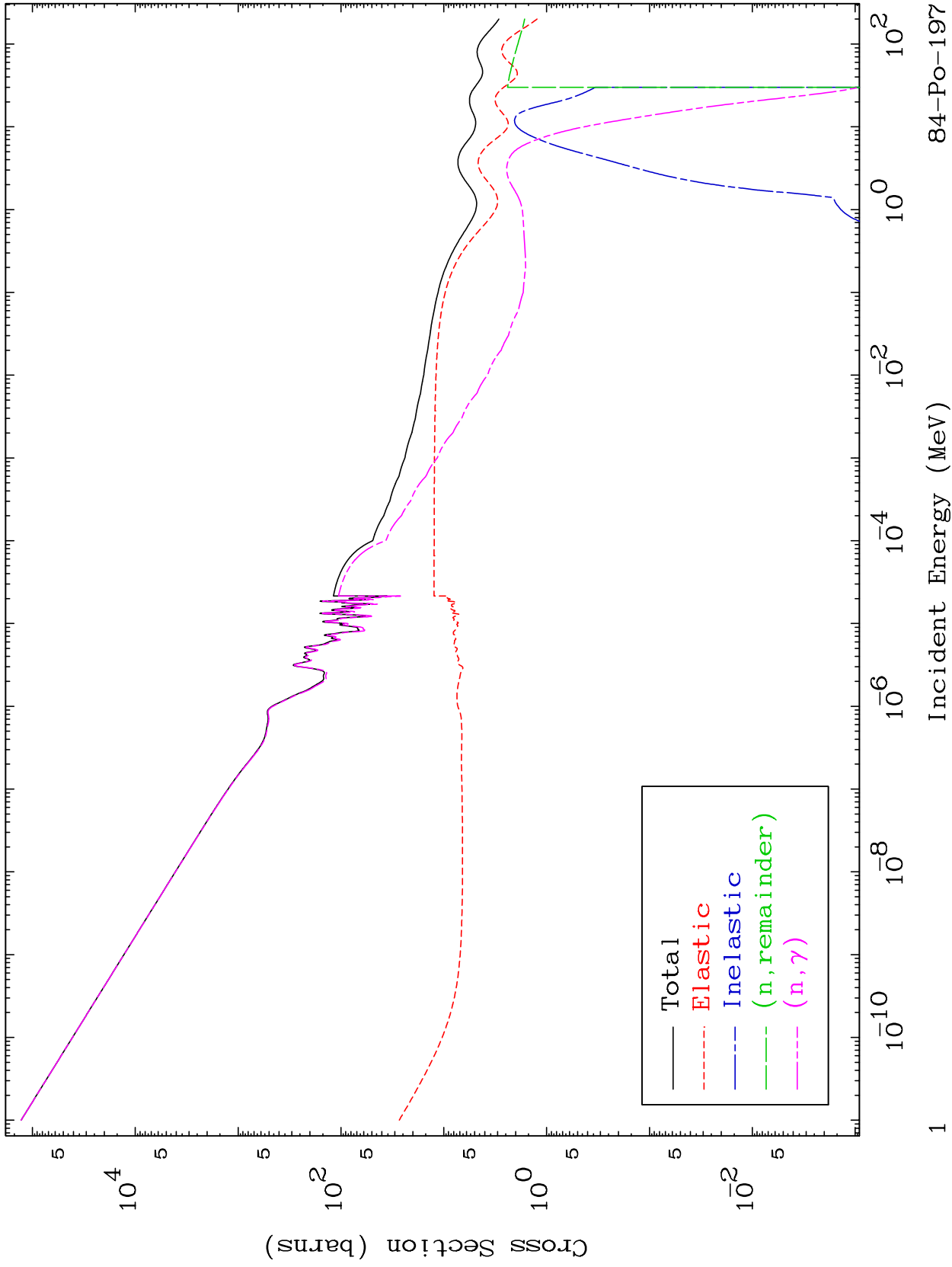
Press Mouse Button to Start

MAT 8399

Major

293 Kelvin Cross Sections

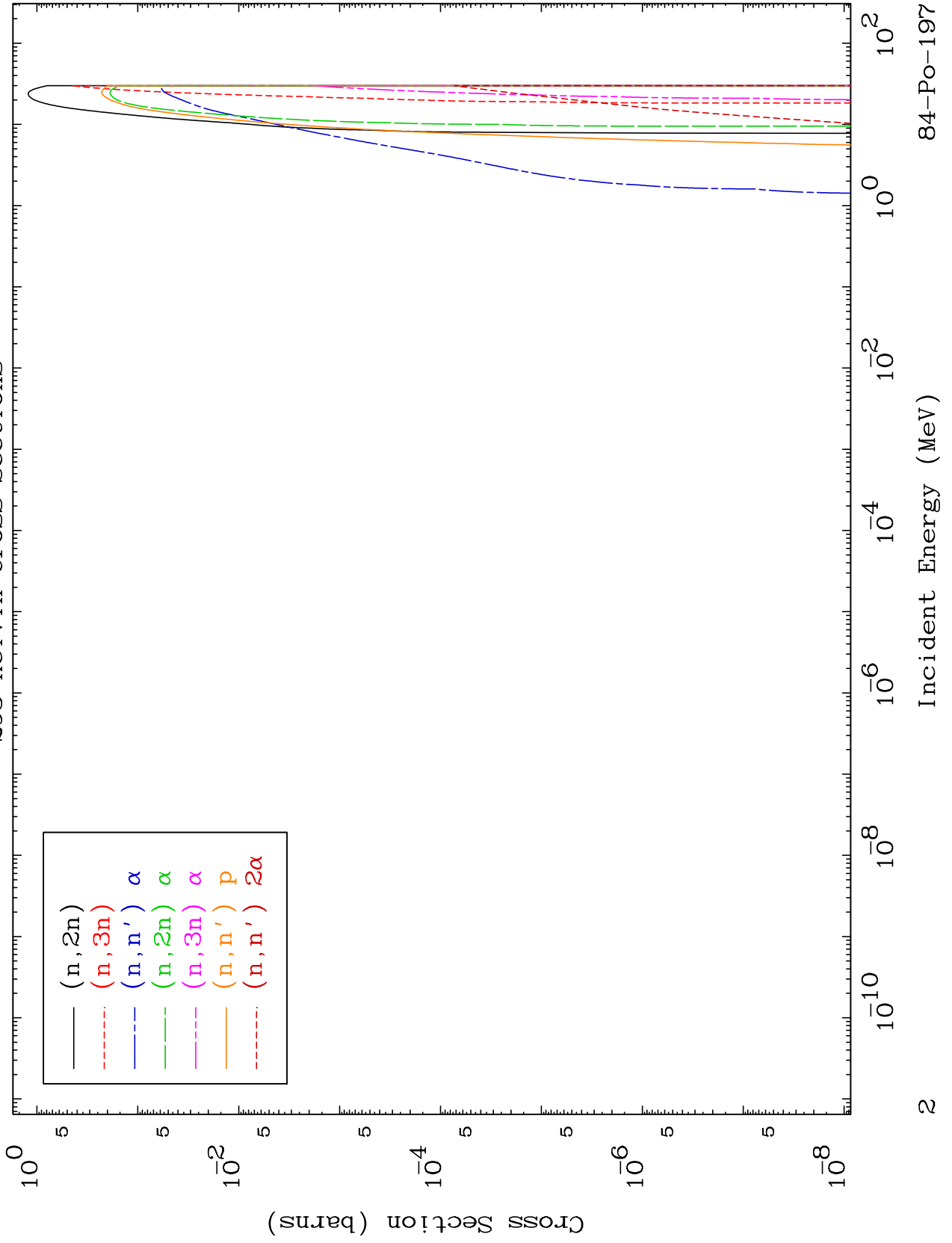
84-Po-197



MAT 8399

Neutron Production  
293 Kelvin Cross Sections

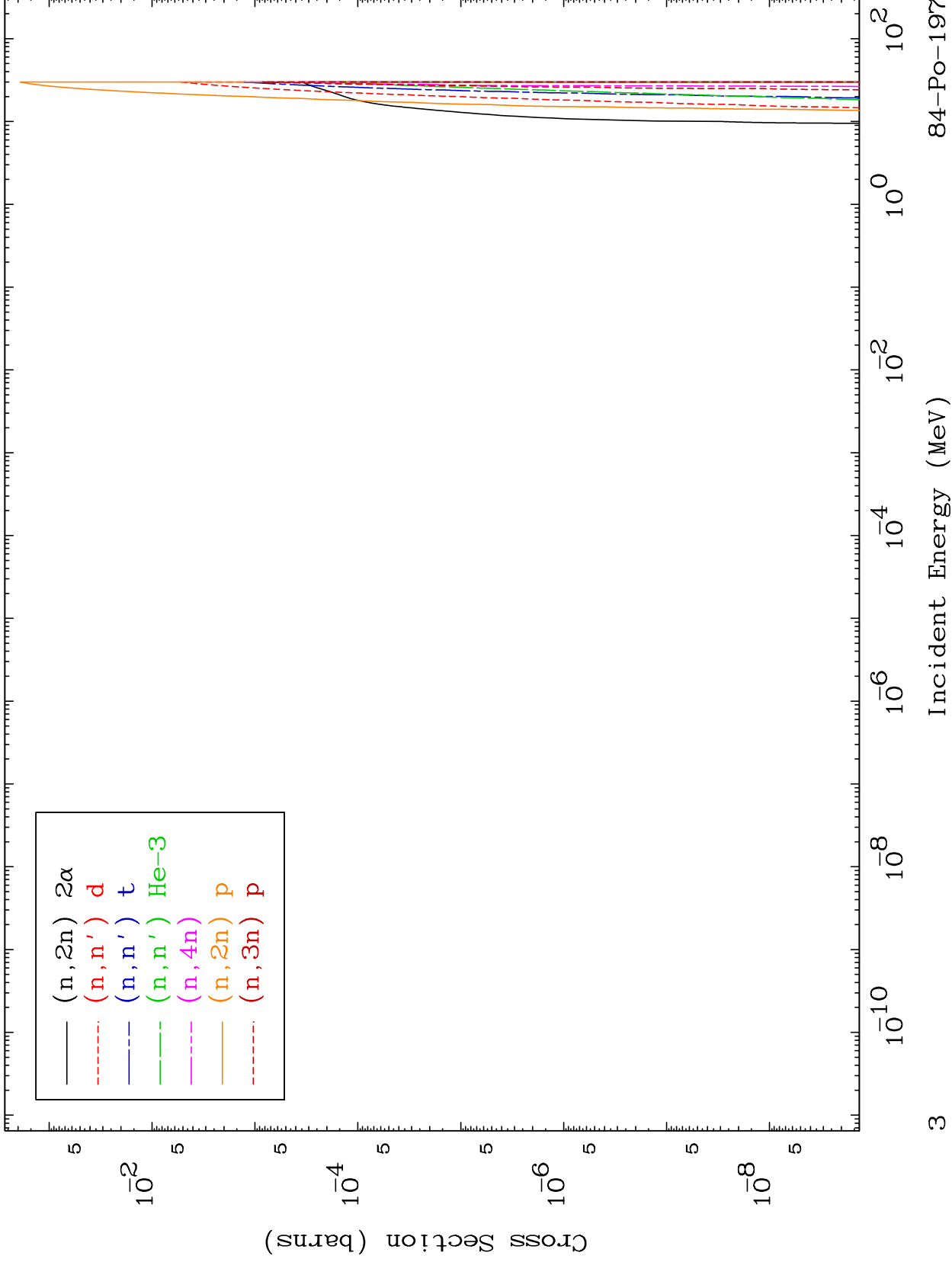
84-Po-197



MAT 8399

Neutron Production  
293 Kelvin Cross Sections

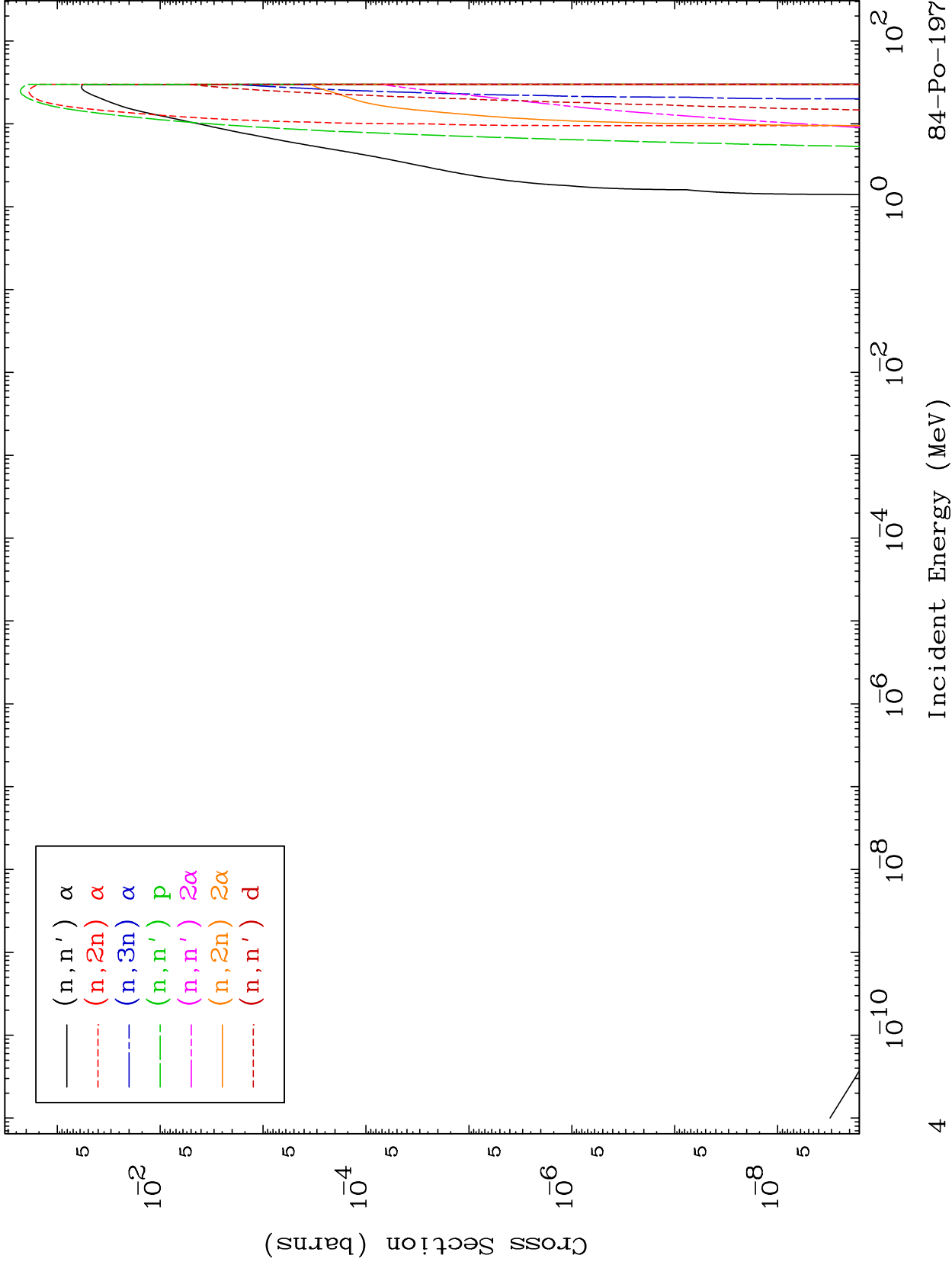
84-Po-197



MAT 8399

Charged Particle  
293 Kelvin Cross Sections

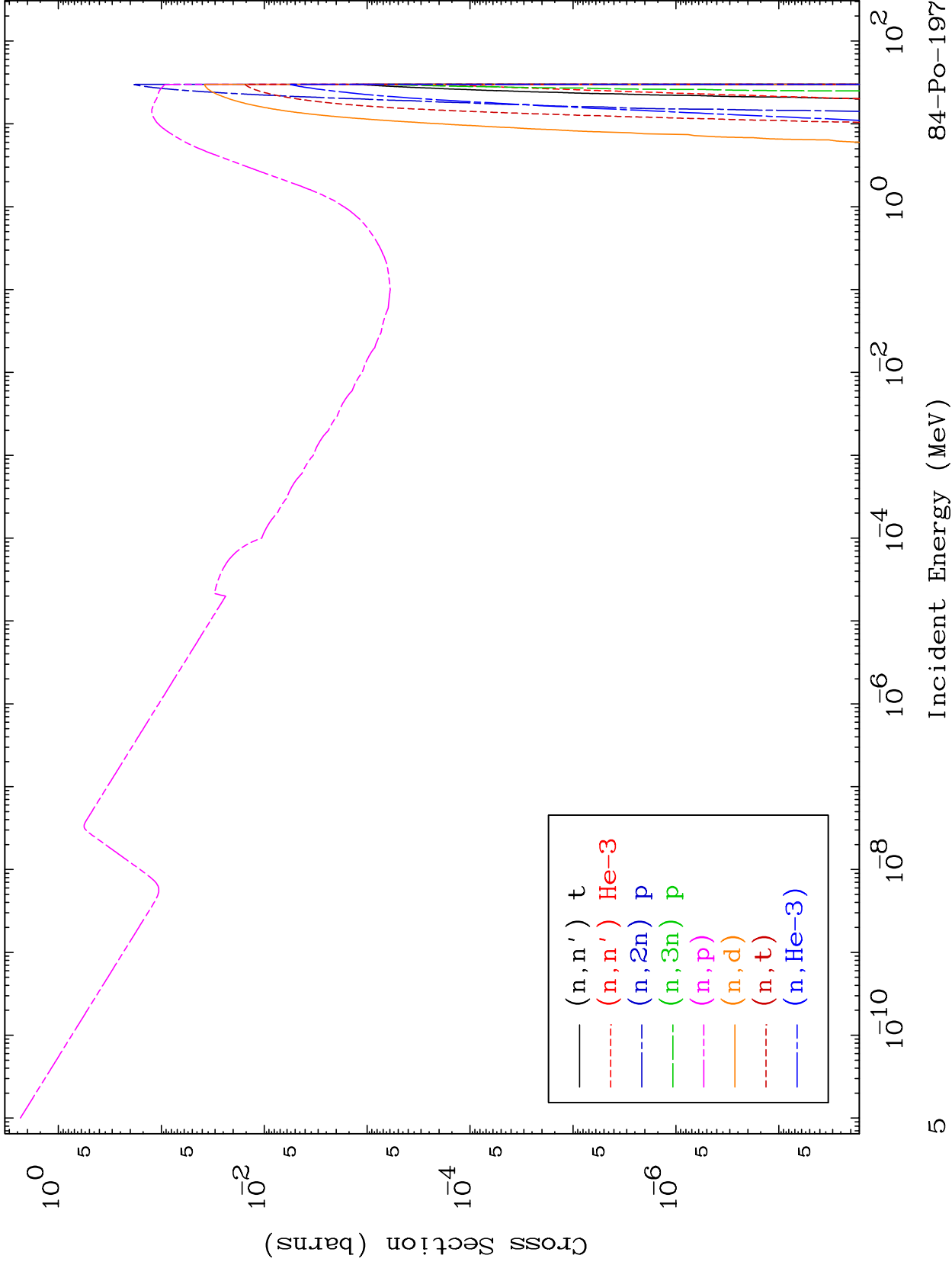
84-Po-197



MAT 8399

Charged Particle  
293 Kelvin Cross Sections

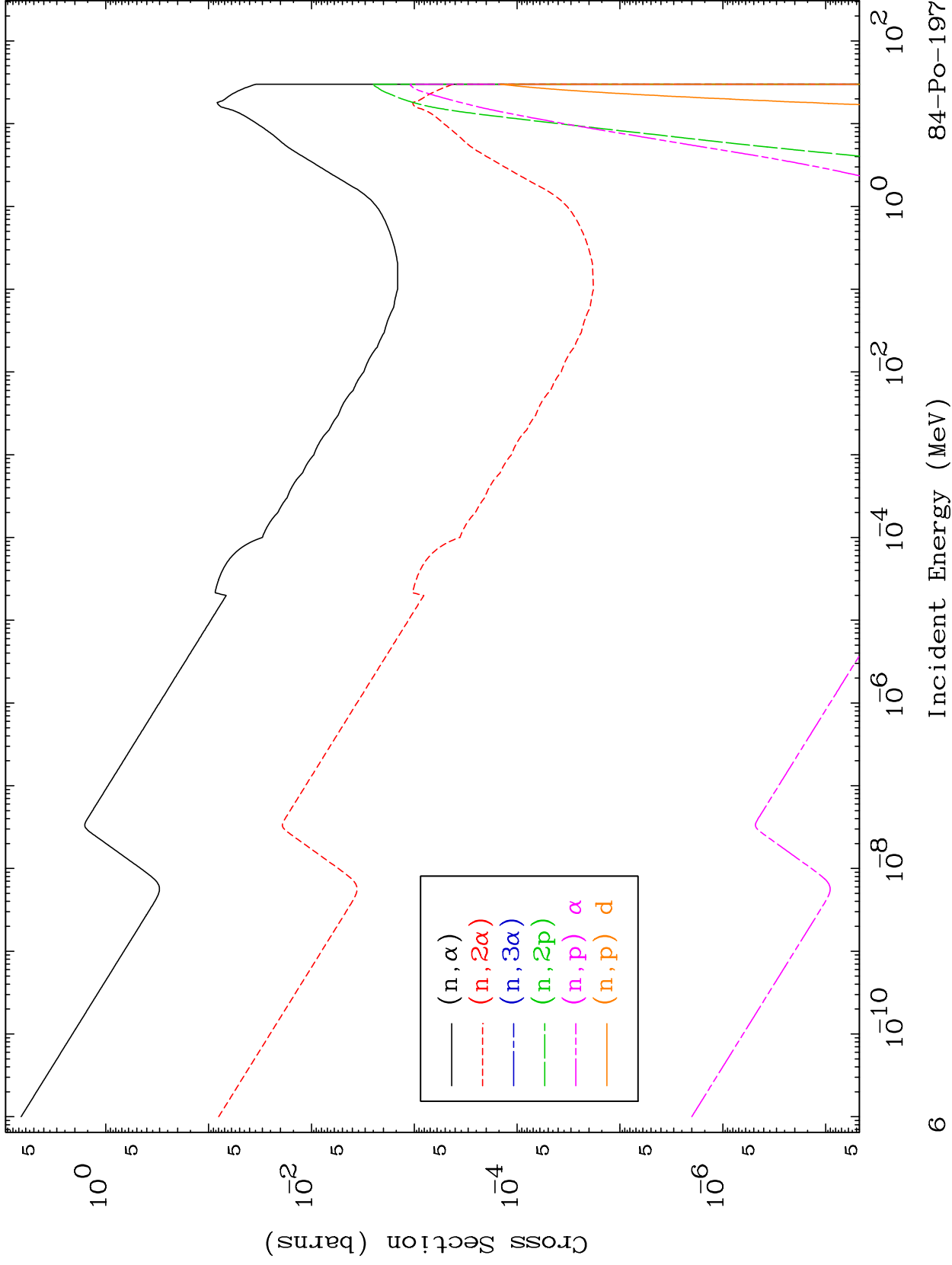
84-Po-197



MAT 8399

Charged Particle  
293 Kelvin Cross Sections

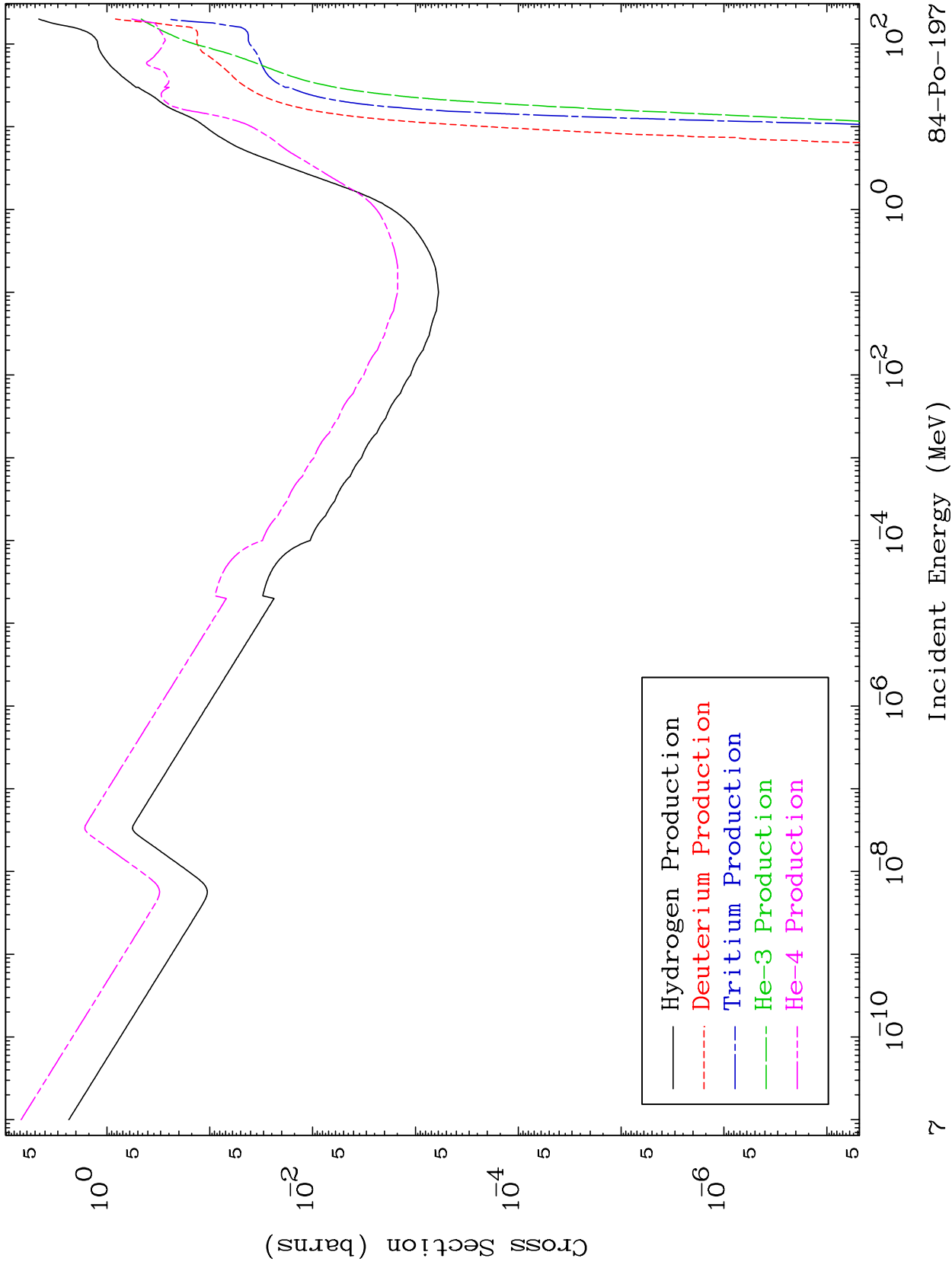
84-Po-197



MAT 8399

Particle Production  
293 Kelvin Cross Sections

84-Po-197

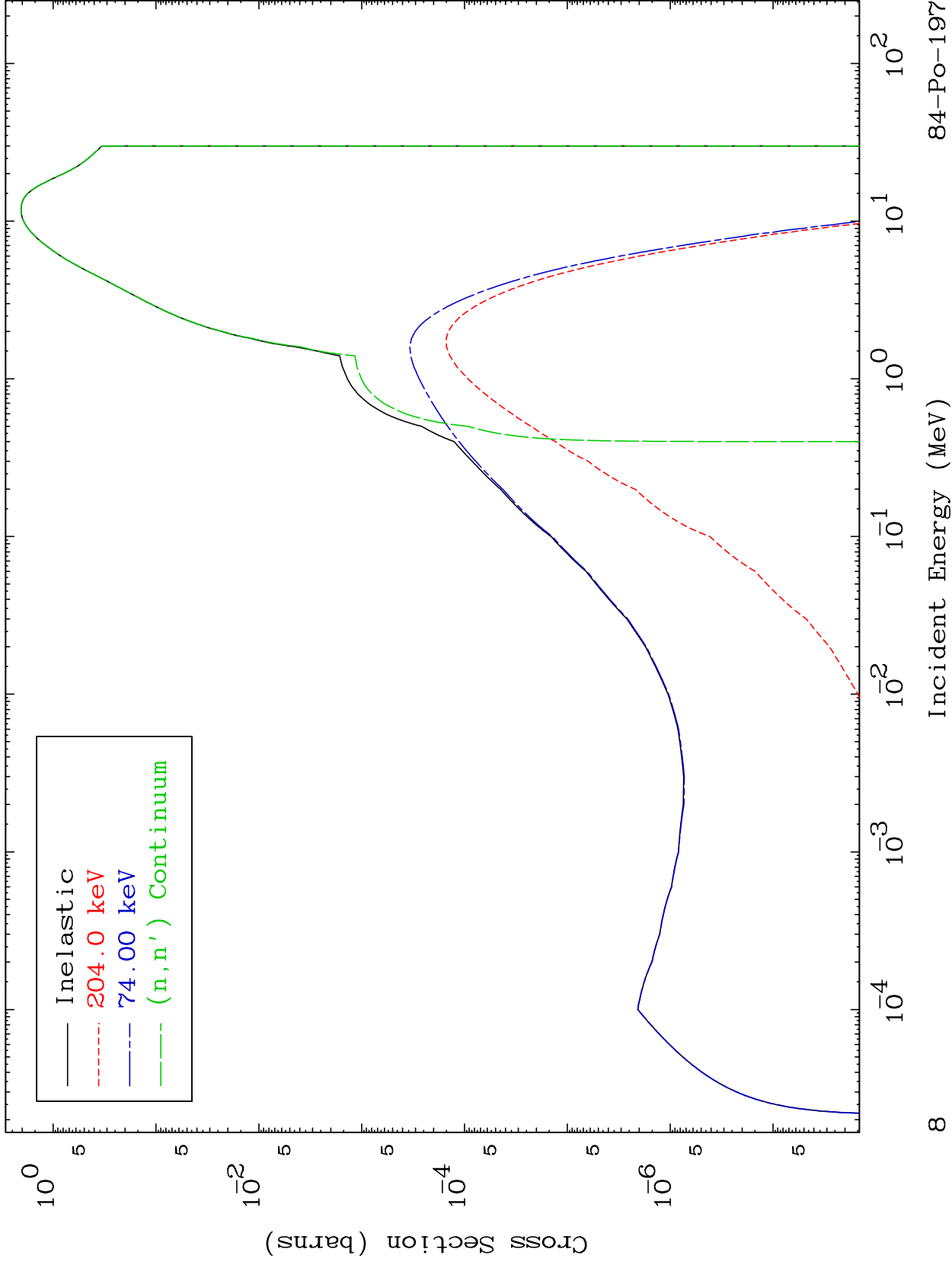




MAT 8399

(n,n') Level  
293 Kelvin Cross Sections

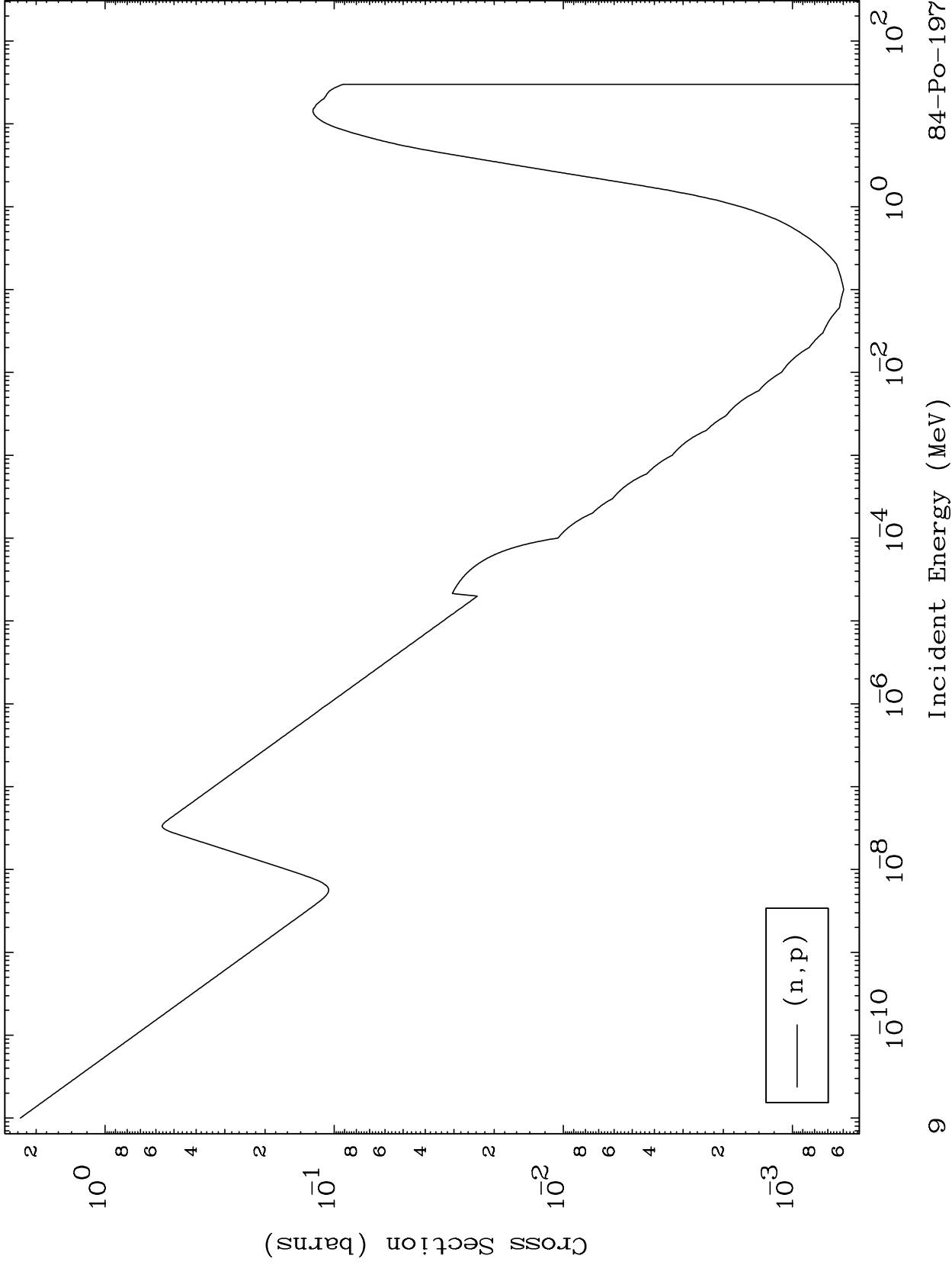
84-Po-197



MAT 8399

(n,p) Levels  
293 Kelvin Cross Sections

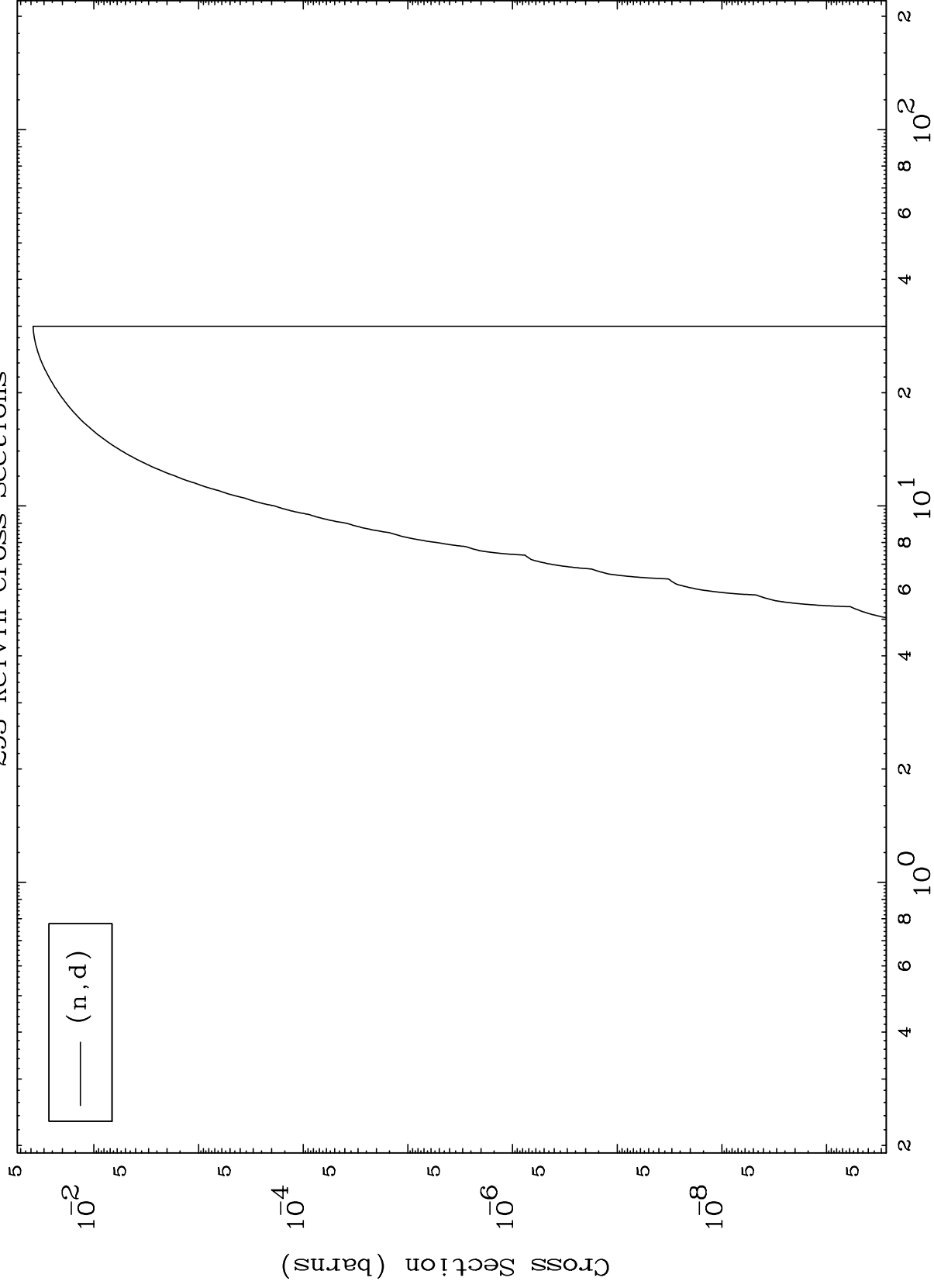
84-Po-197



MAT 8399

(n,d) Levels  
293 Kelvin Cross Sections

84-Po-197



10

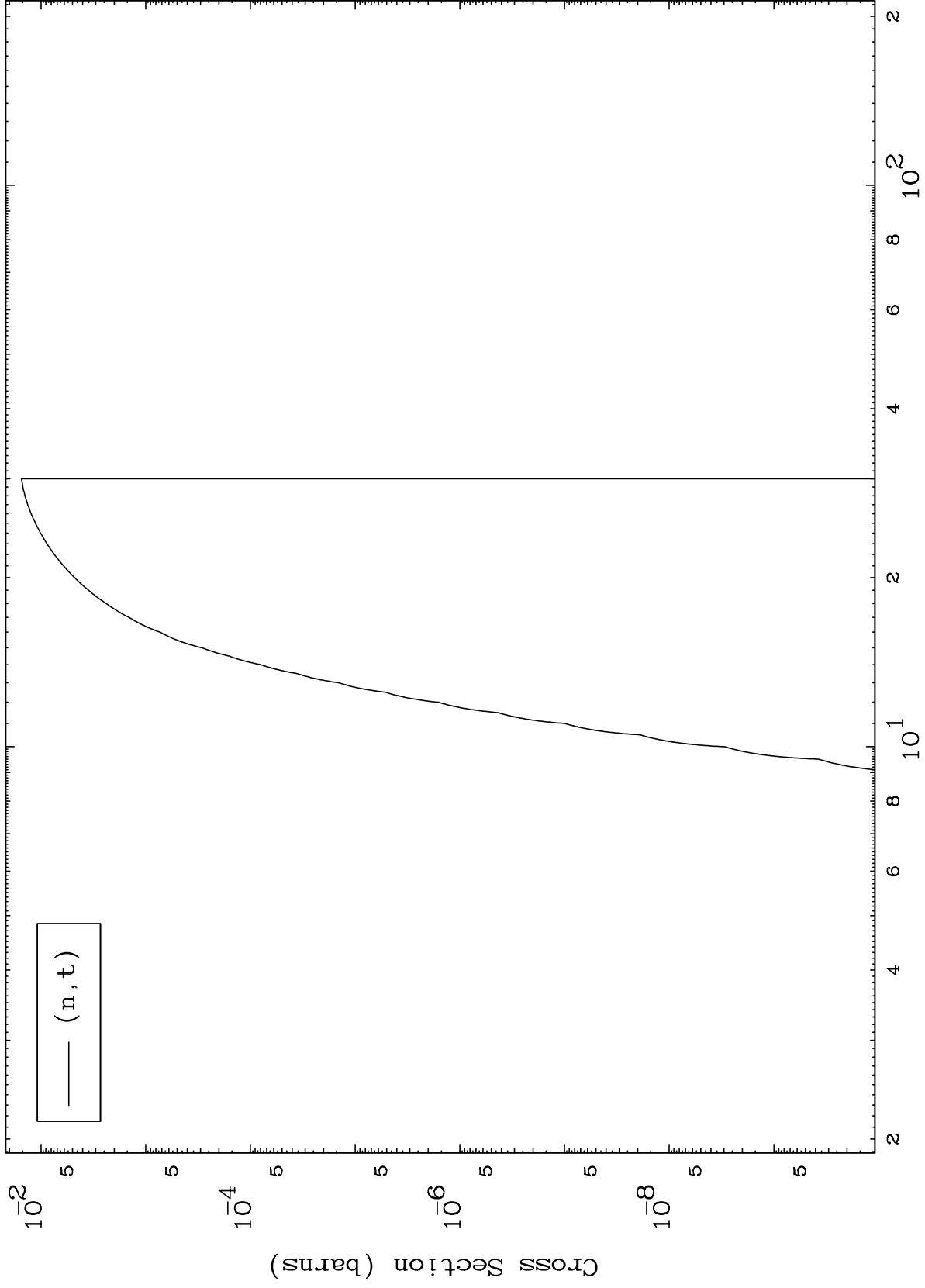
Incident Energy (MeV)

84-Po-197

MAT 8399

(n,t) Levels  
293 Kelvin Cross Sections

84-Po-197



(n,t)

11

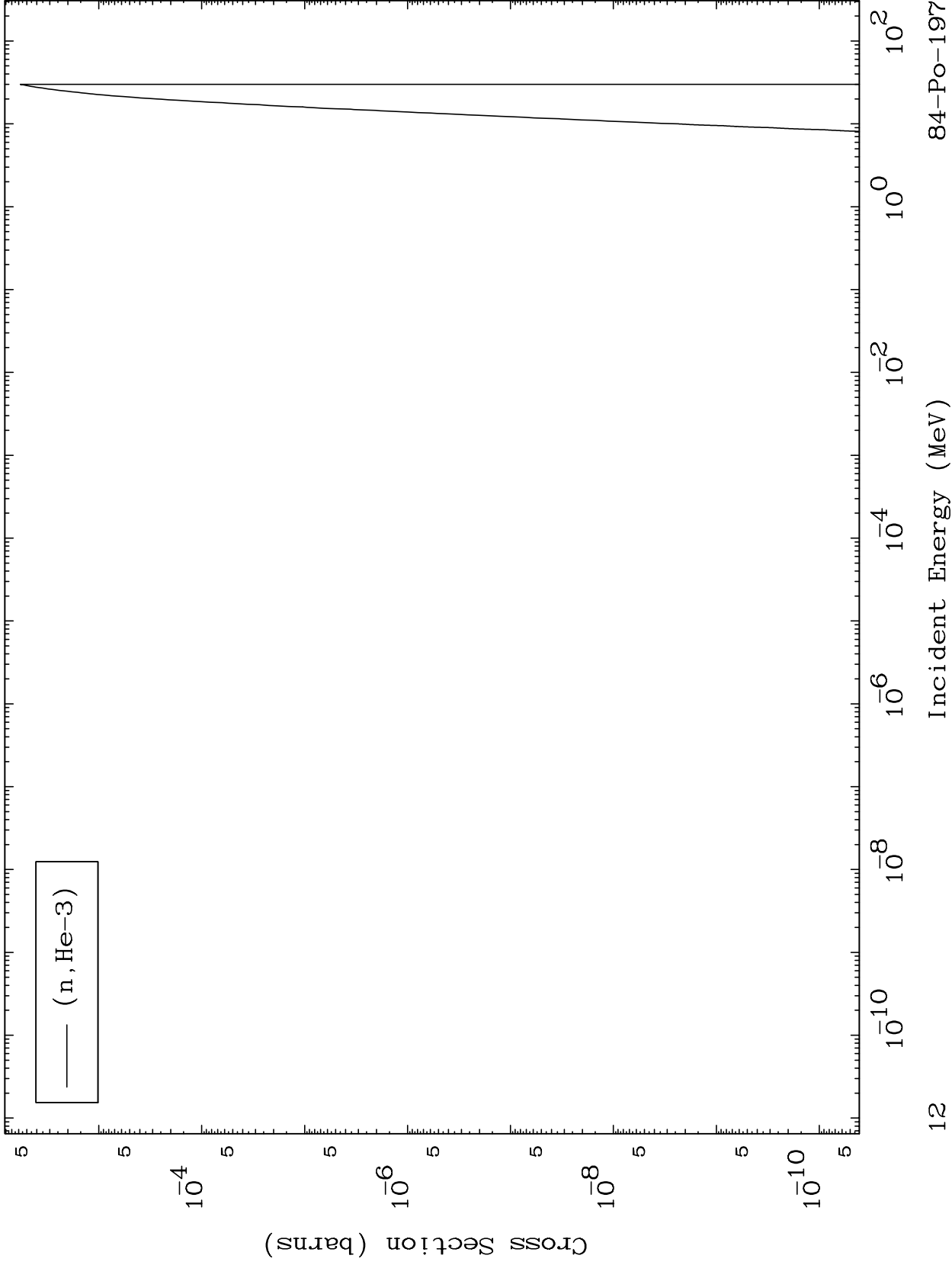
Incident Energy (MeV)

84-Po-197

MAT 8399

(n,He3) Levels  
293 Kelvin Cross Sections

84-Po-197

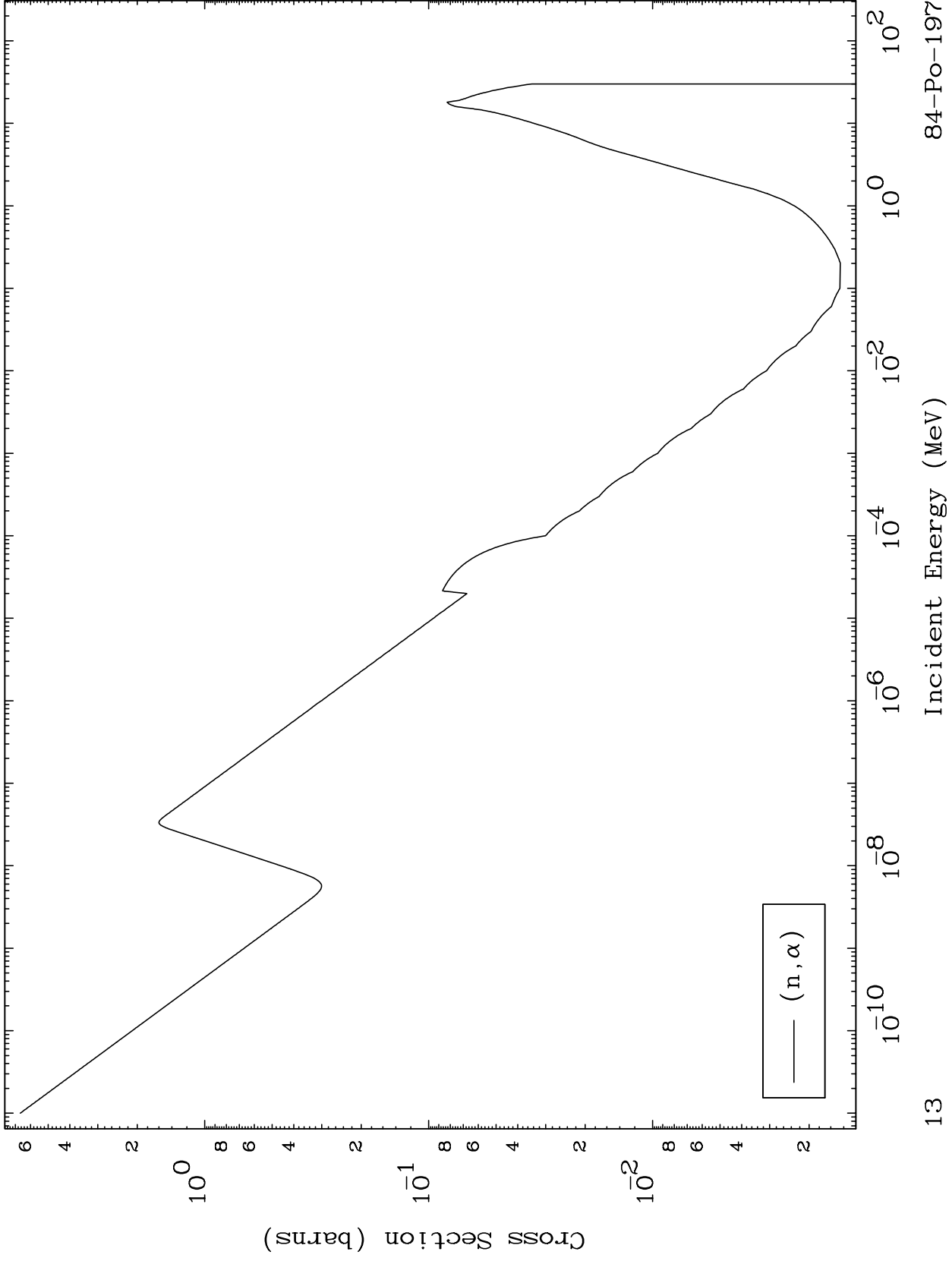


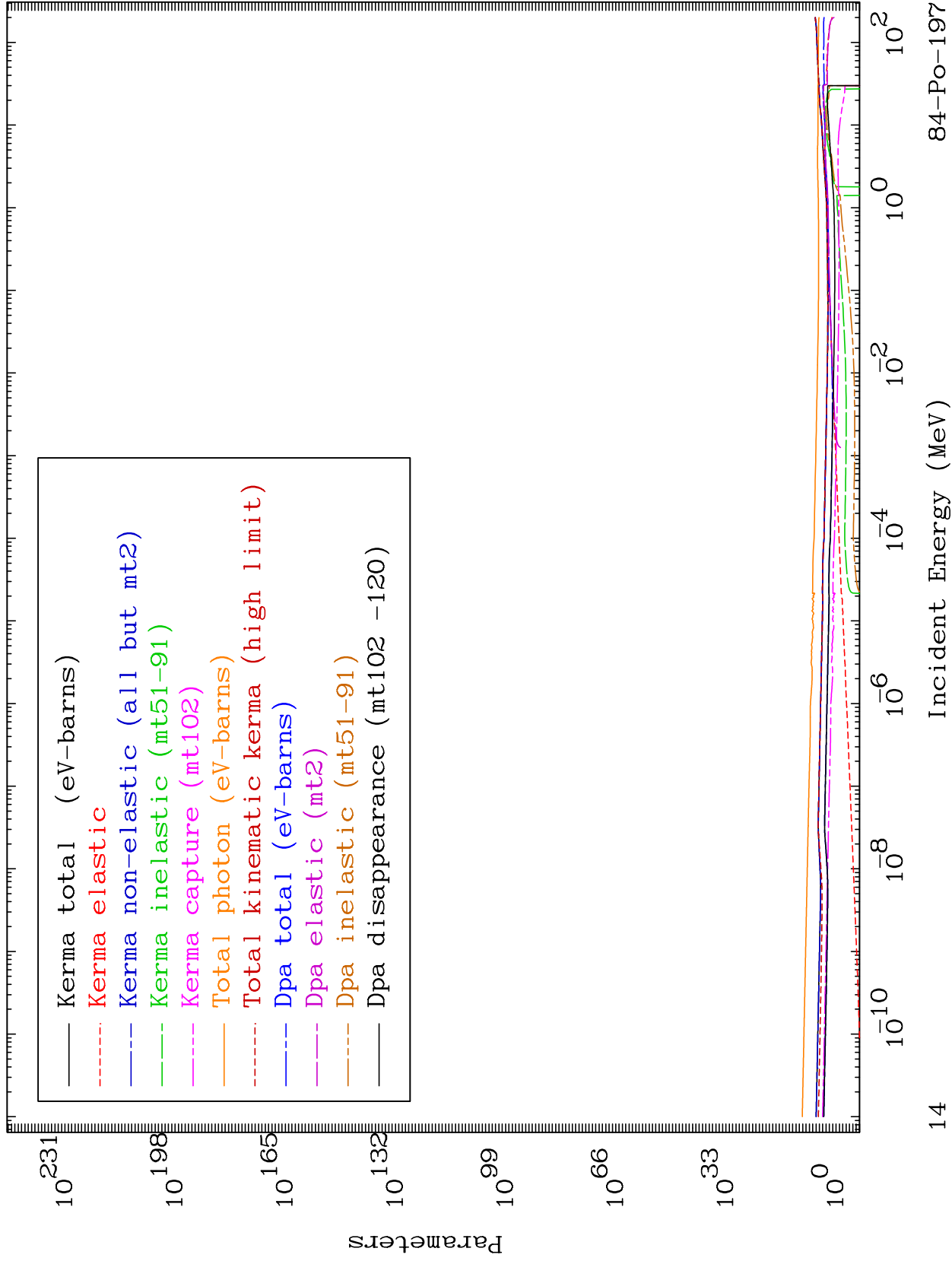
(n, He-3)

MAT 8399

(n,α) Levels  
293 Kelvin Cross Sections

84-Po-197





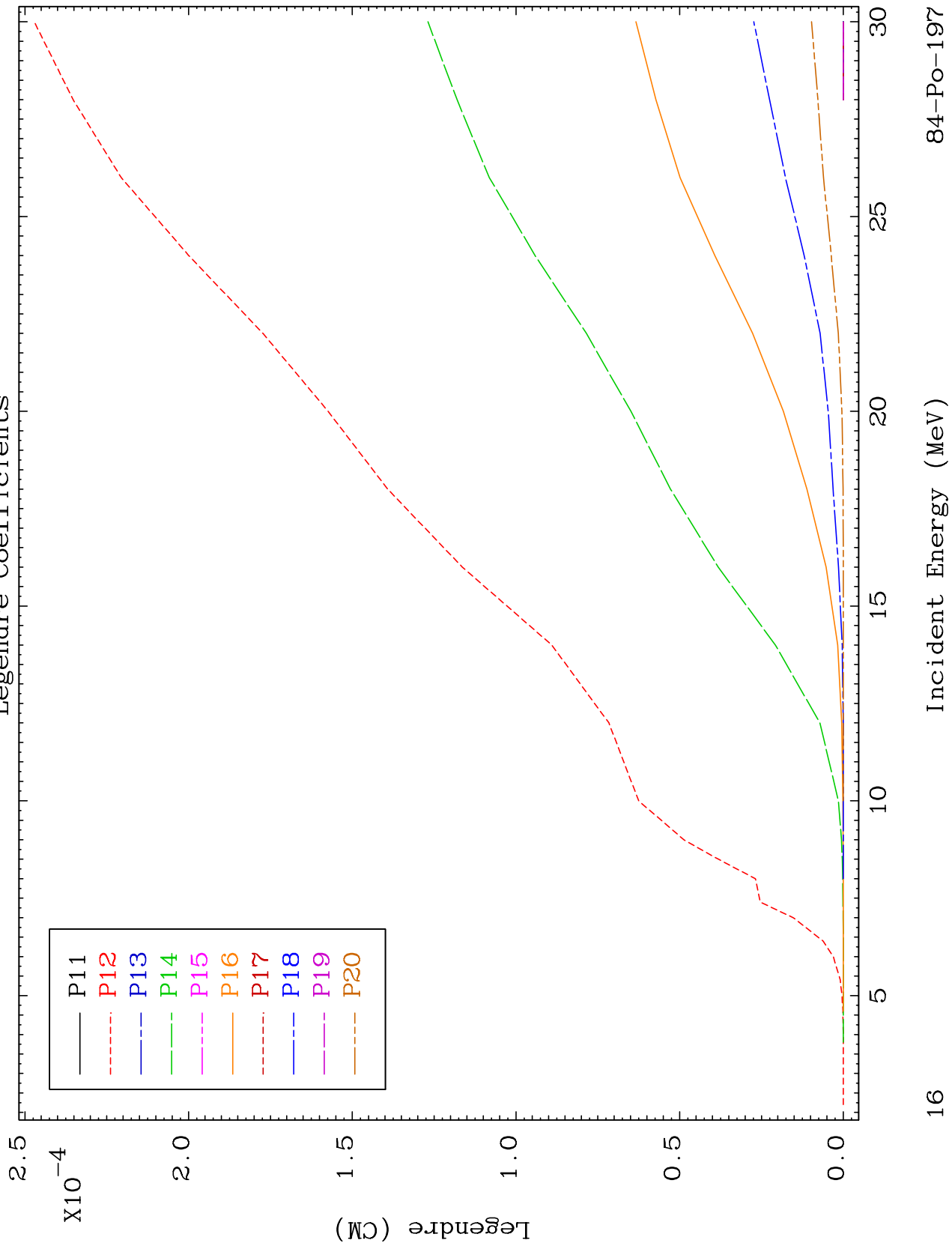




MAT 8399

Elastic Legendre Coefficients

84-Po-197



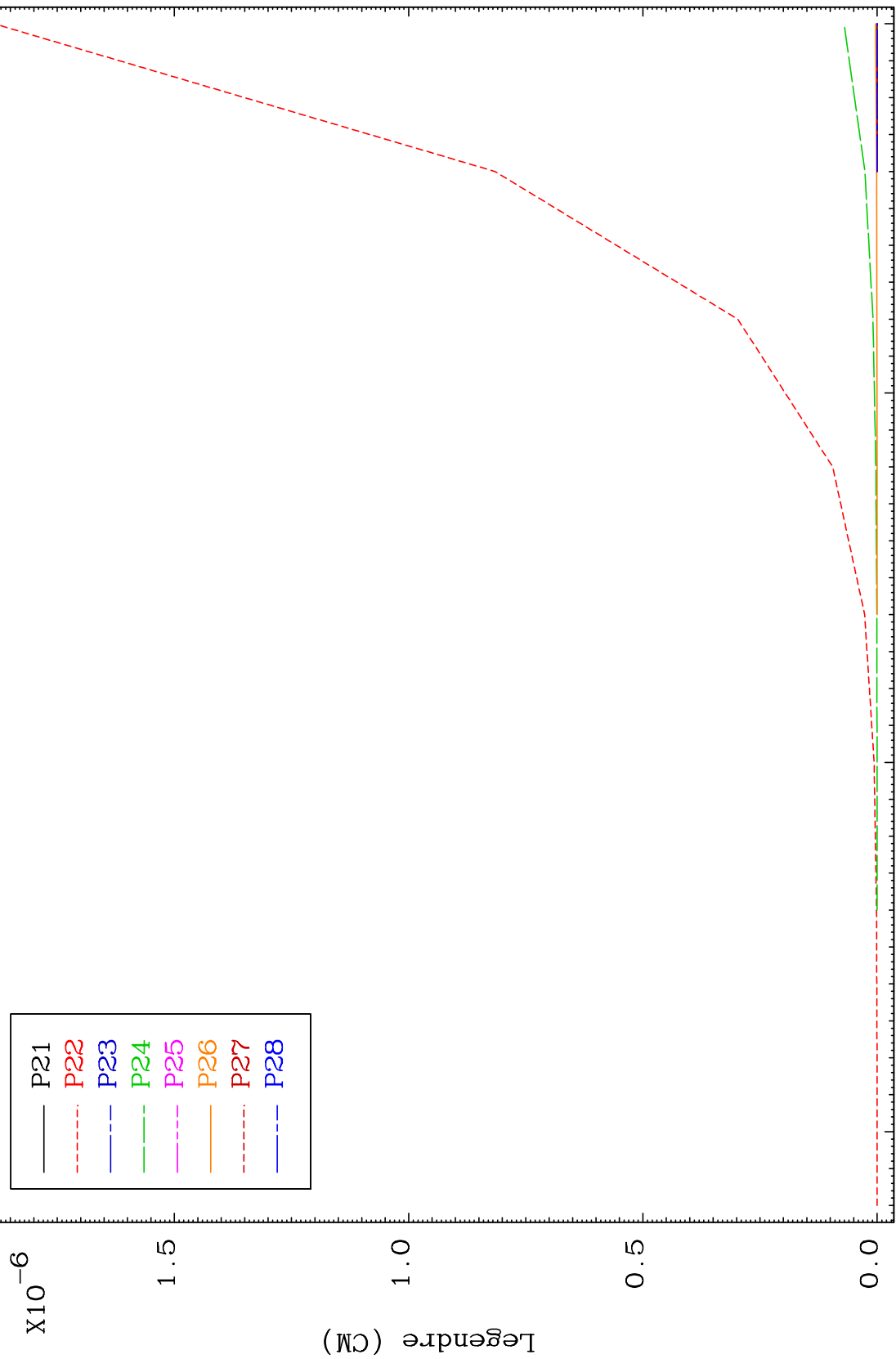
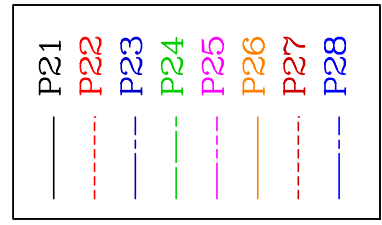
16

84-Po-197

MAT 8399

Elastic Legendre Coefficients

84-Po-197



17

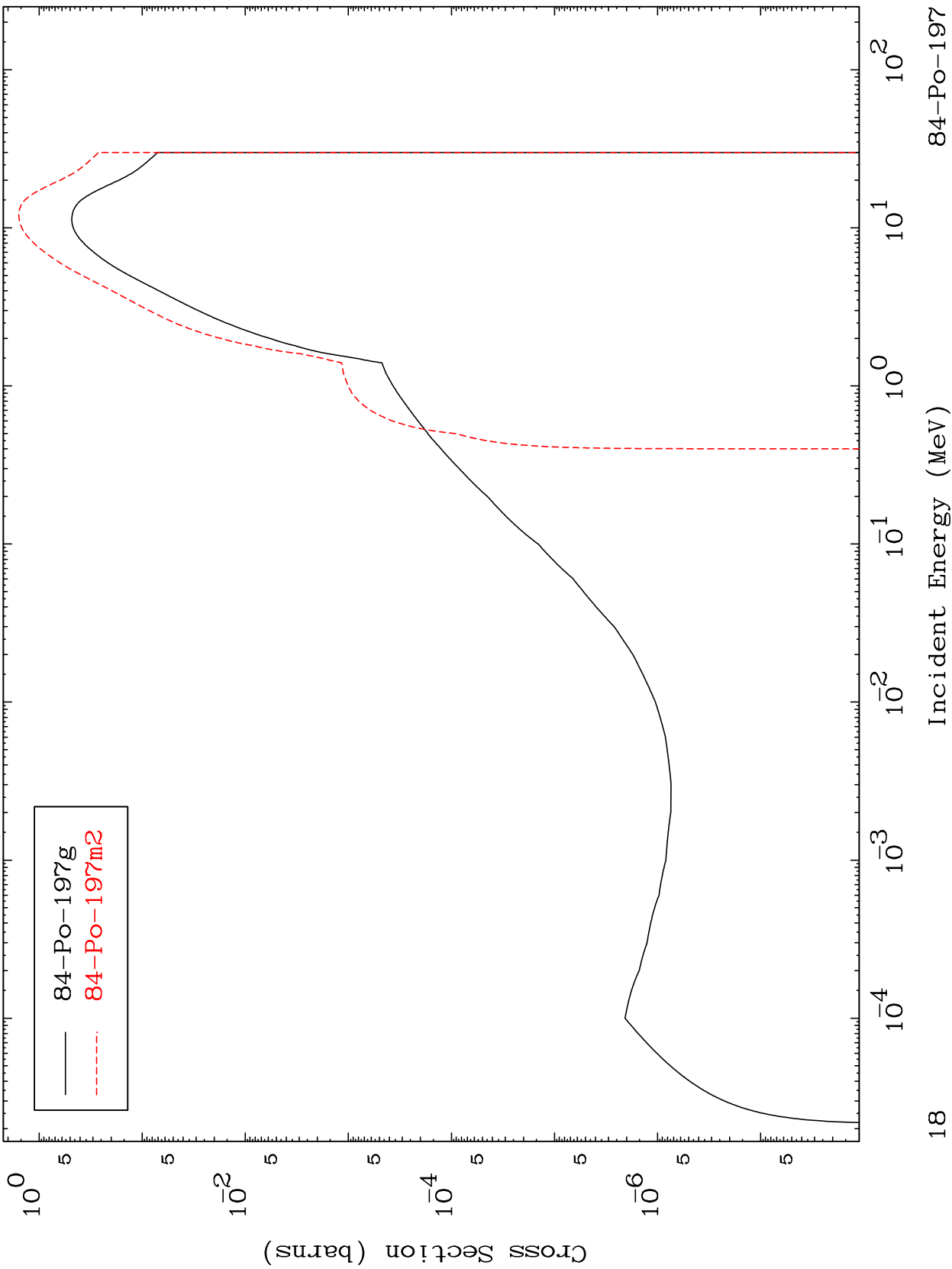
Incident Energy (MeV)

84-Po-197

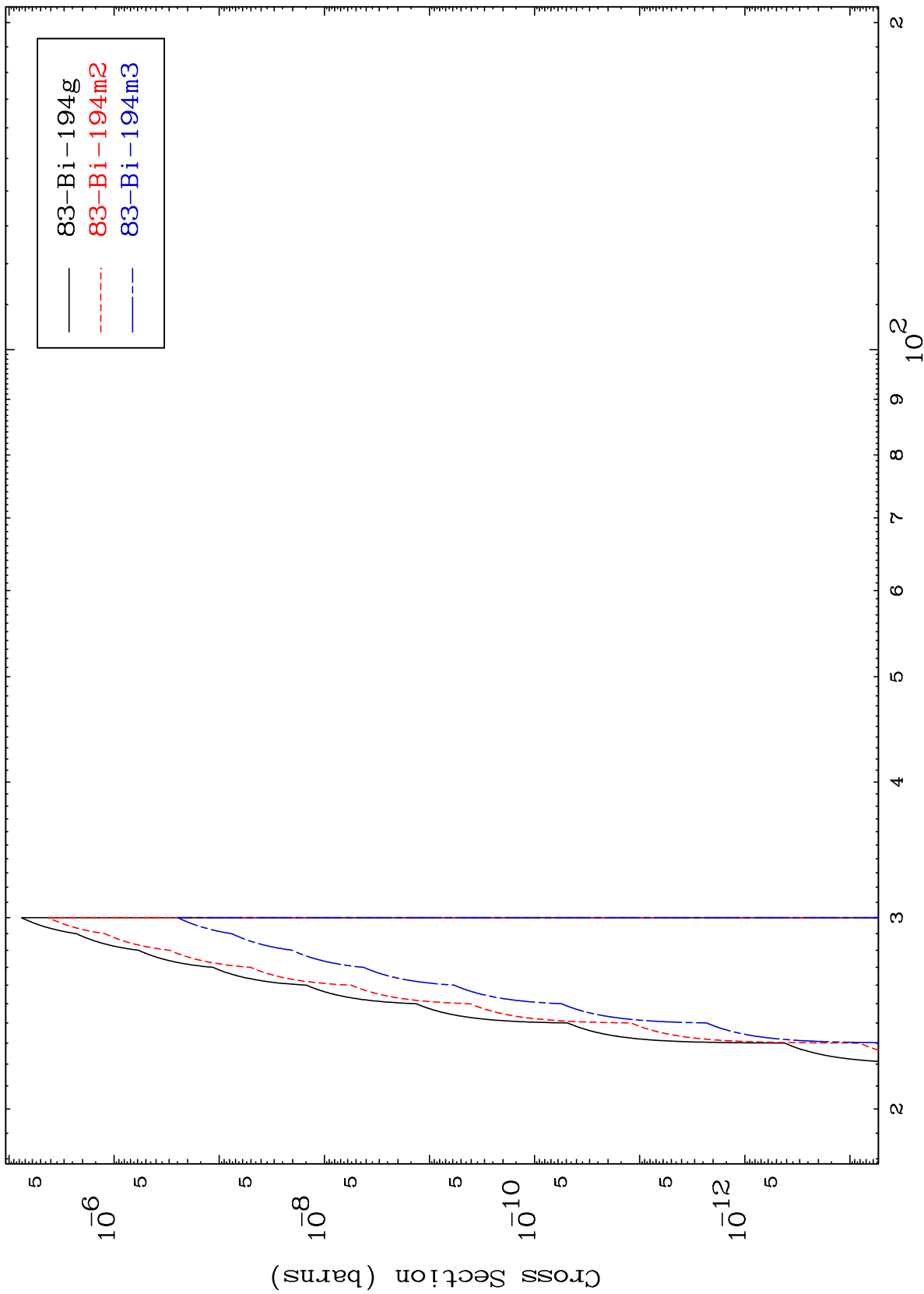
MAT 8399

84-Po-197

Inelastic  
Radionuclide Production Cross Section



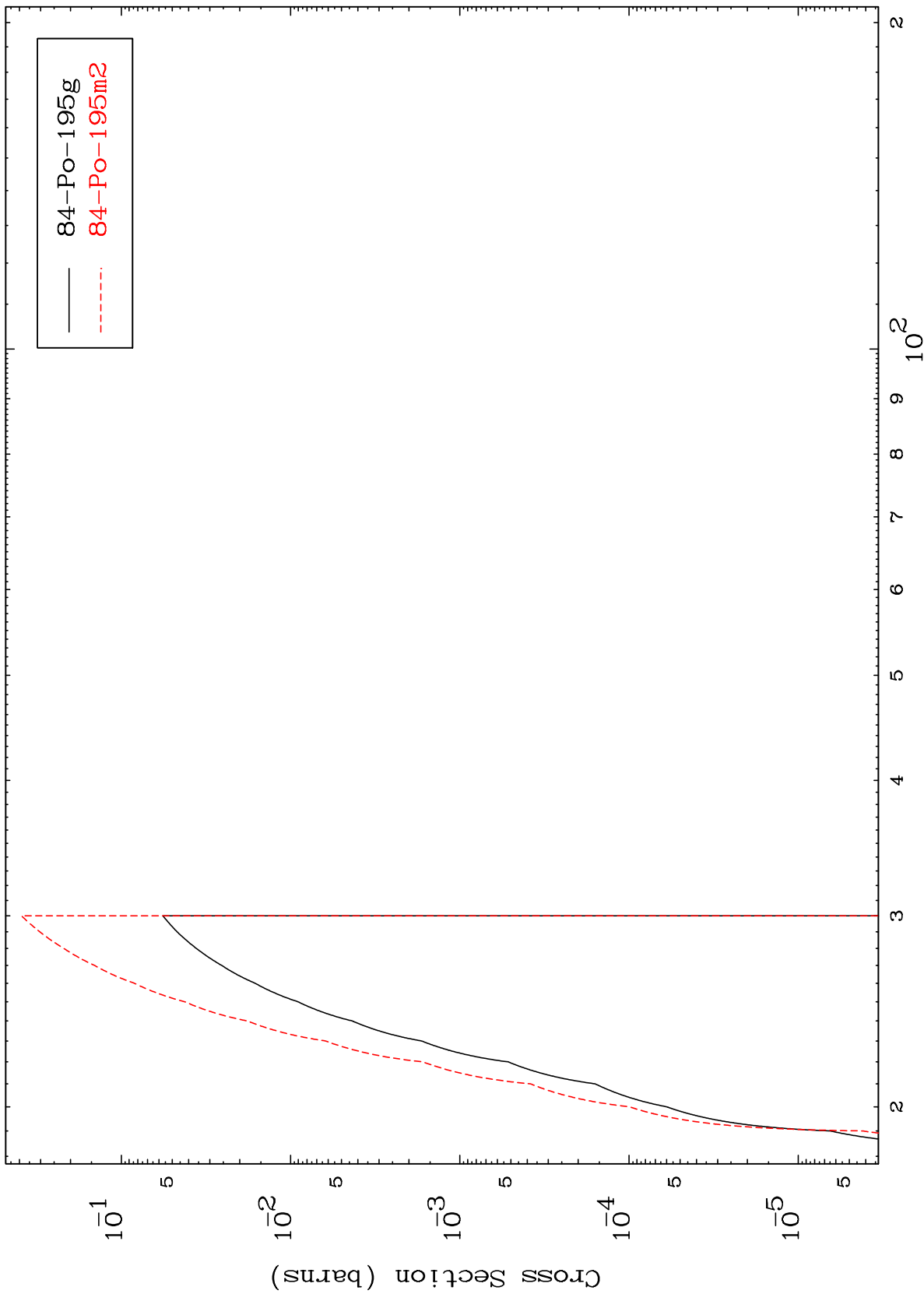
Radionuclide Production Cross Section



MAT 8399

84-Po-197

(n,3n)  
Radionuclide Production Cross Section



84-Po-195g  
84-Po-195m2

84-Po-197

Incident Energy (MeV)

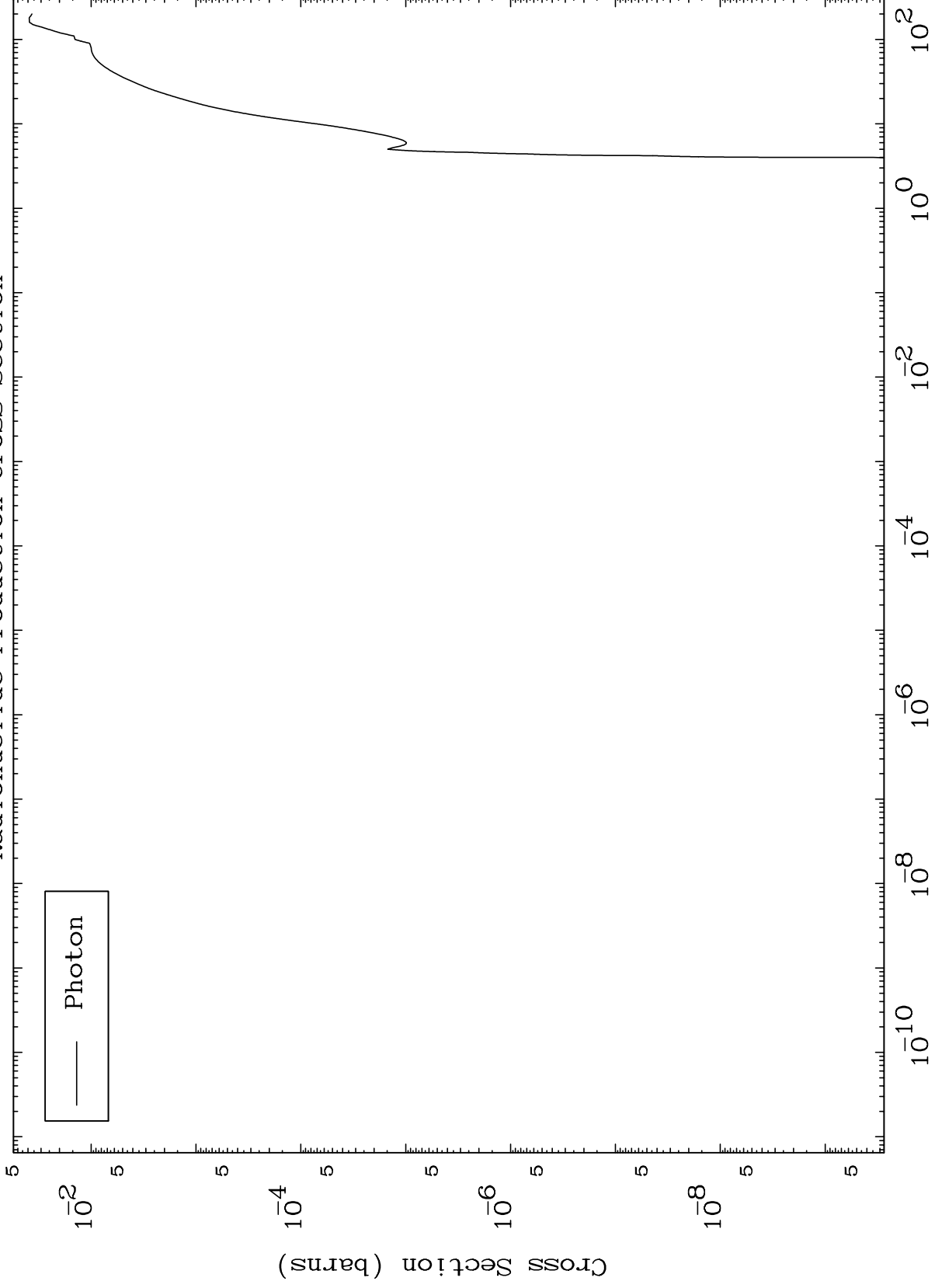
20

MAT 8399

Fission

84-Po-197

Radionuclide Production Cross Section

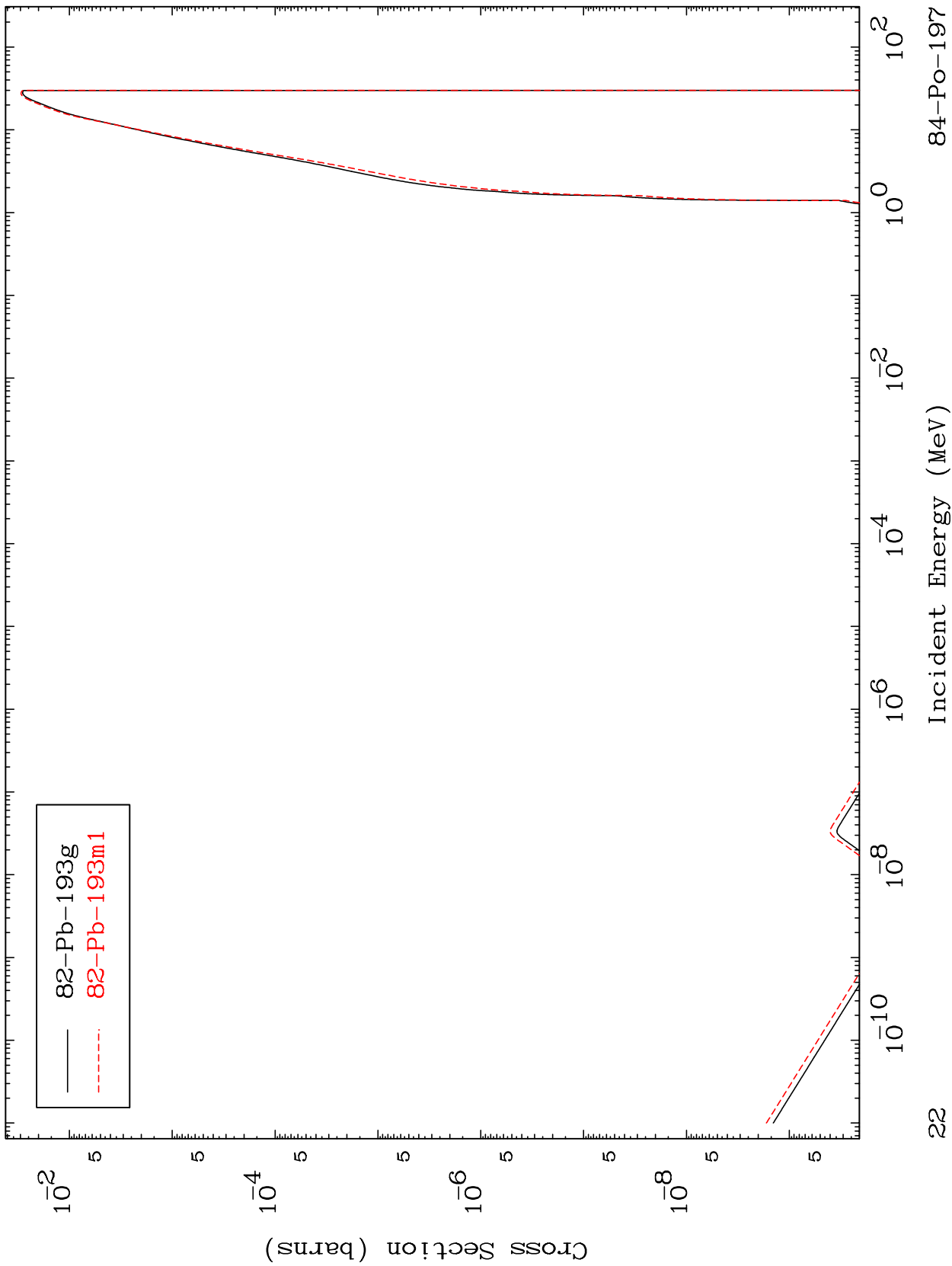


MAT 8399

$(n, n')$   $\alpha$

84-Po-197

Radionuclide Production Cross Section

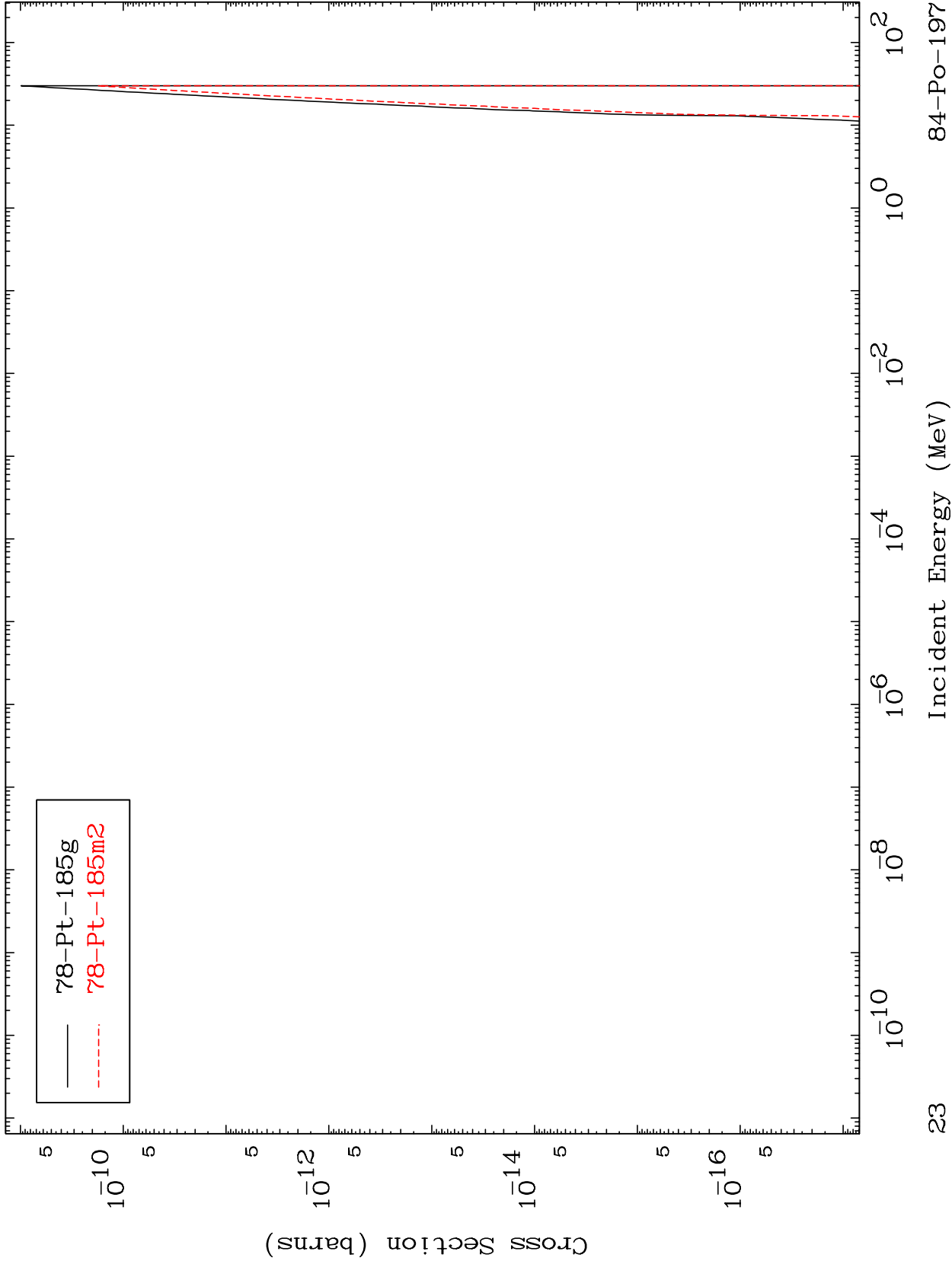


MAT 8399

(n,n') 3α

84-Po-197

Radionuclide Production Cross Section



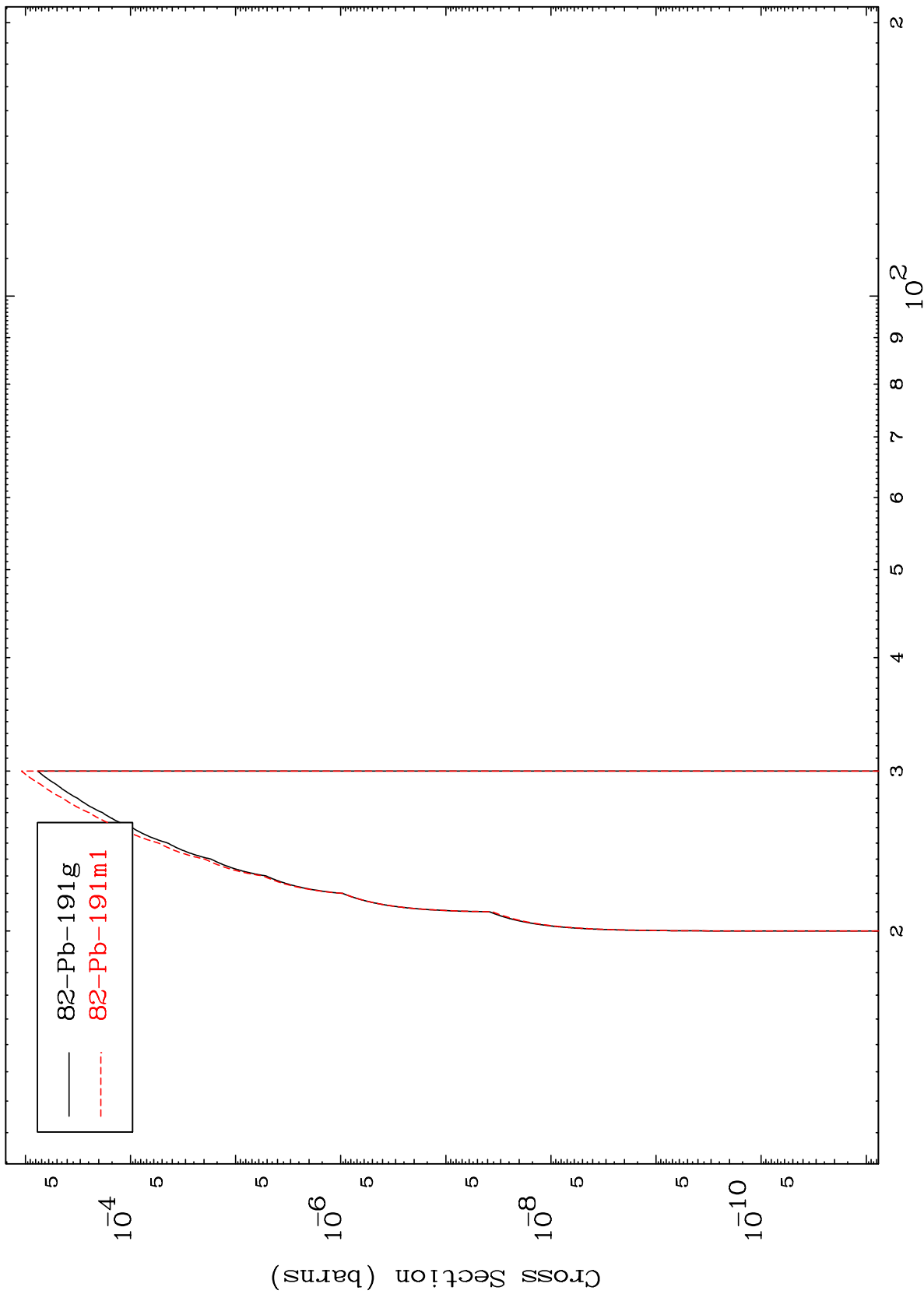


MAT 8399

(n,3n)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

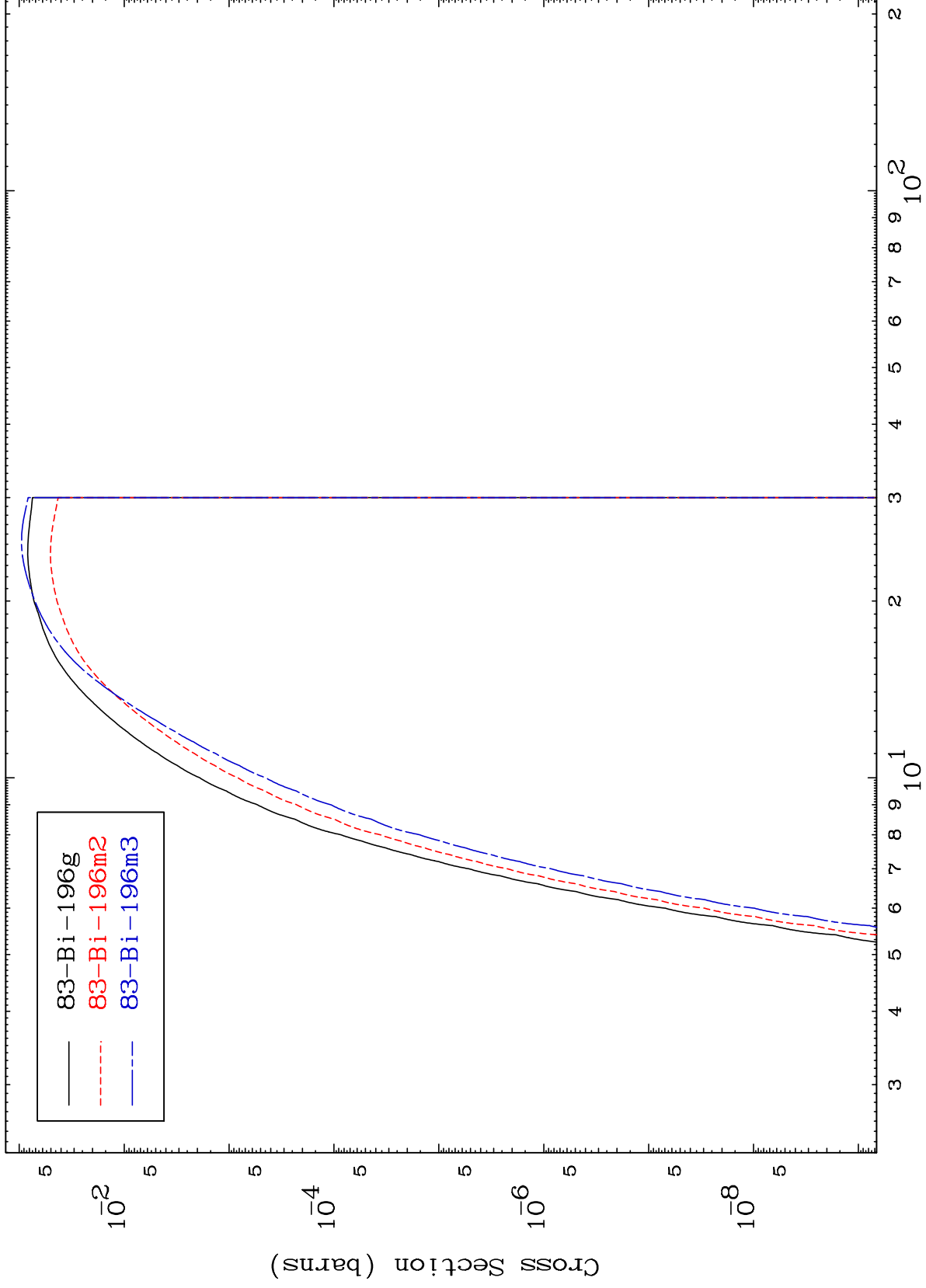
84-Po-197

MAT 8399

84-Po-197

(n,n') p

Radionuclide Production Cross Section



84-Po-197

Incident Energy (MeV)

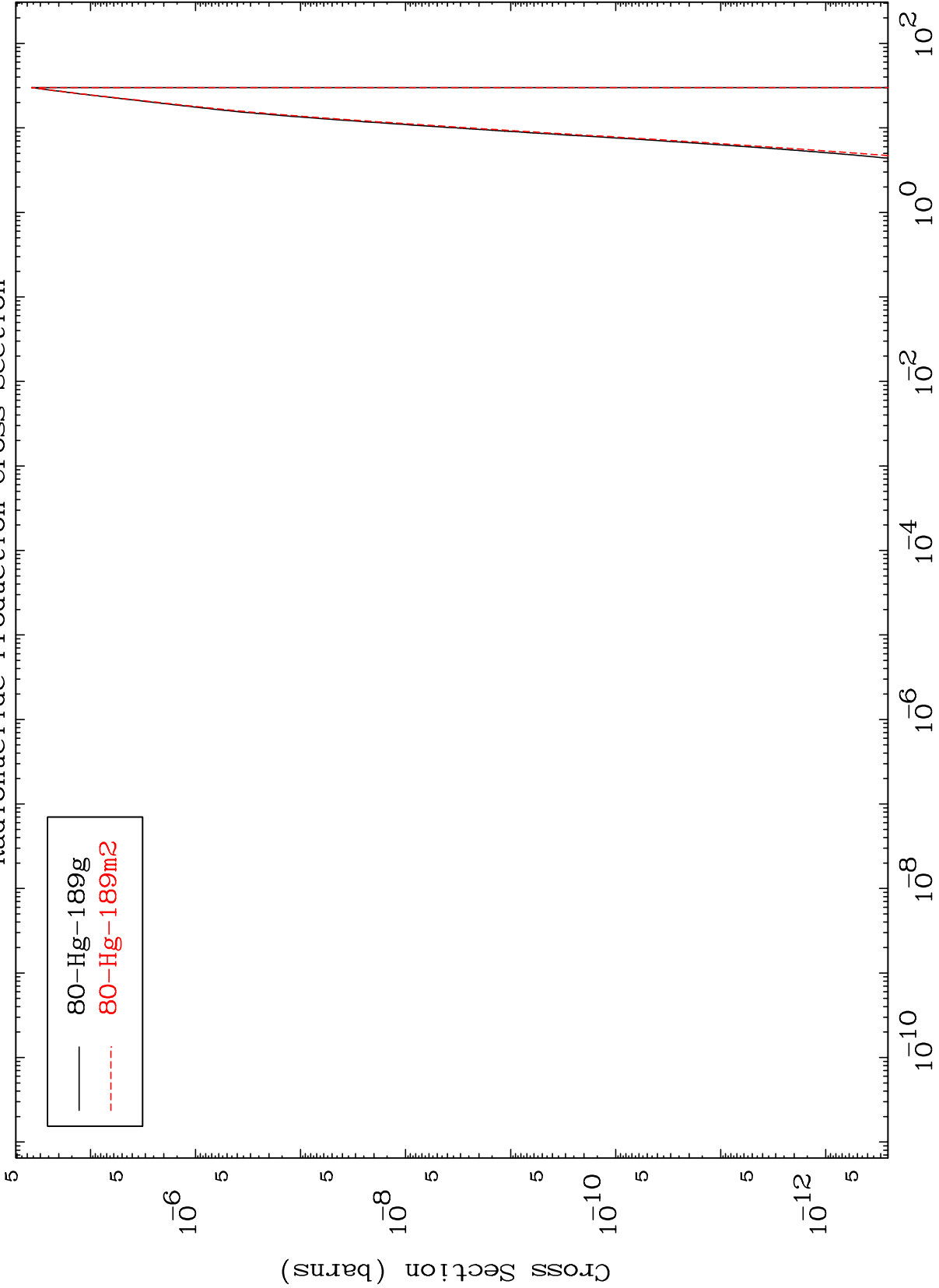
25

MAT 8399

(n,n') 2α

84-Po-197

Radionuclide Production Cross Section



26

Incident Energy (MeV)

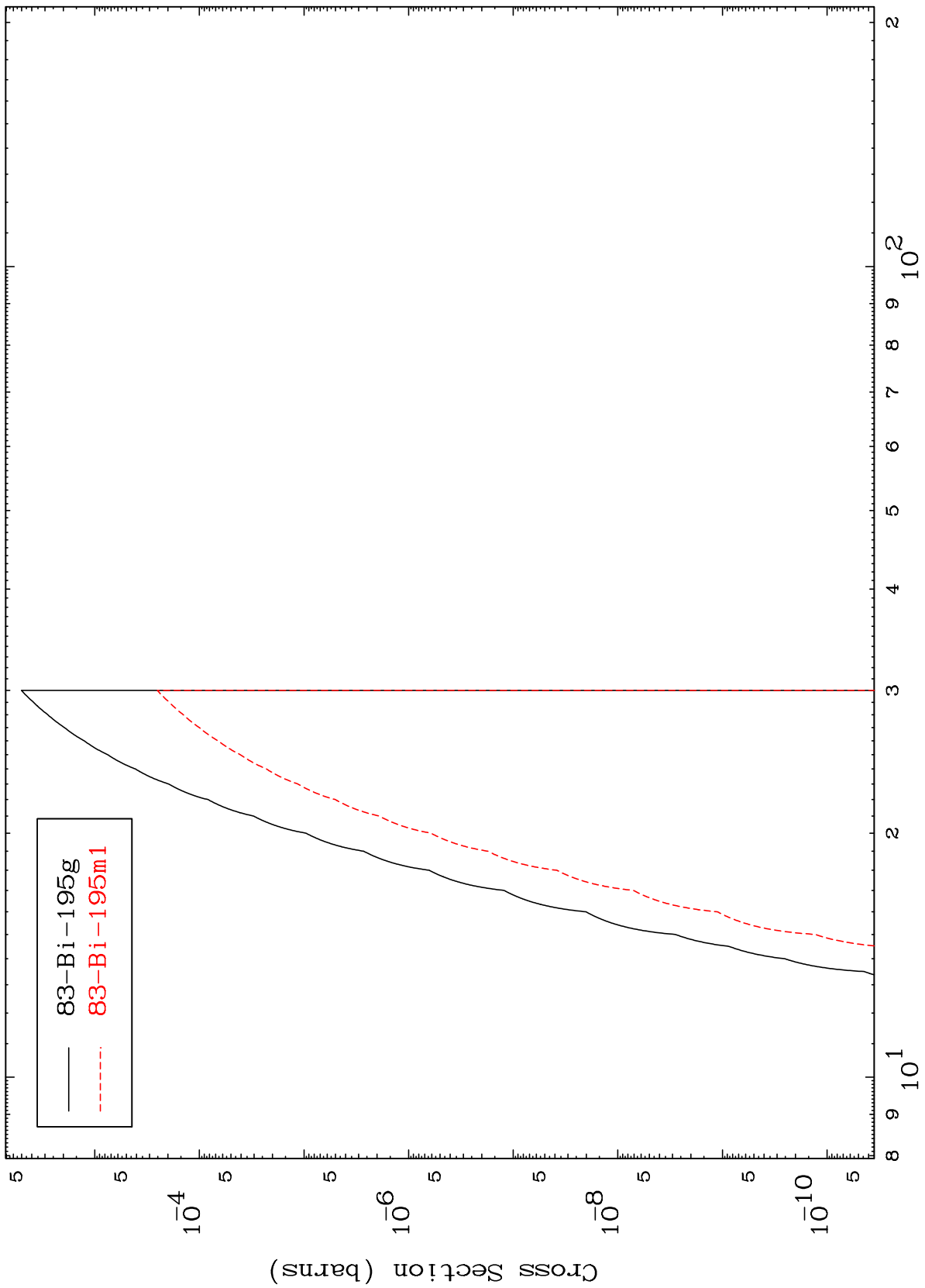
84-Po-197

MAT 8399

(n,n') d

84-Po-197

Radionuclide Production Cross Section

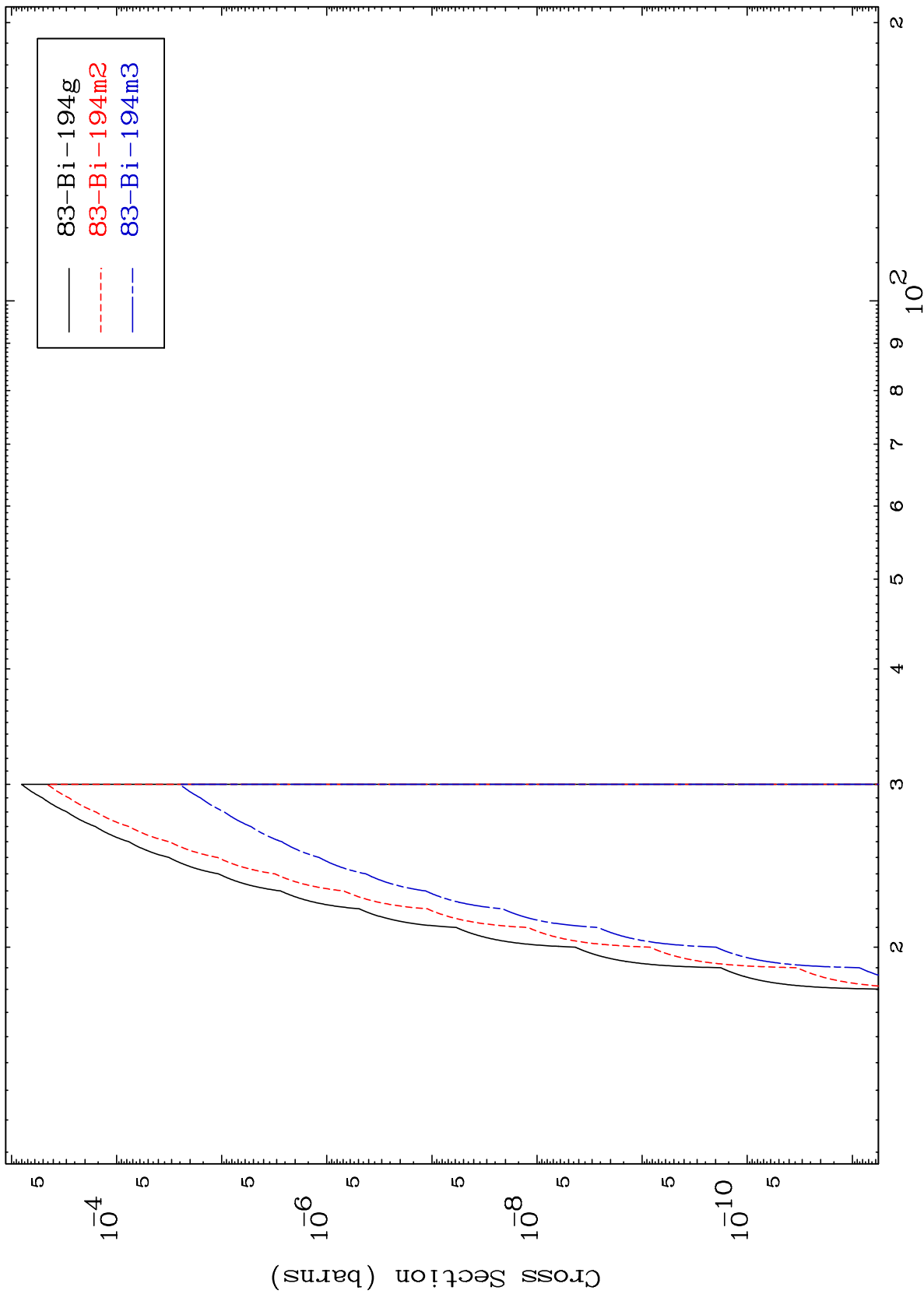


27

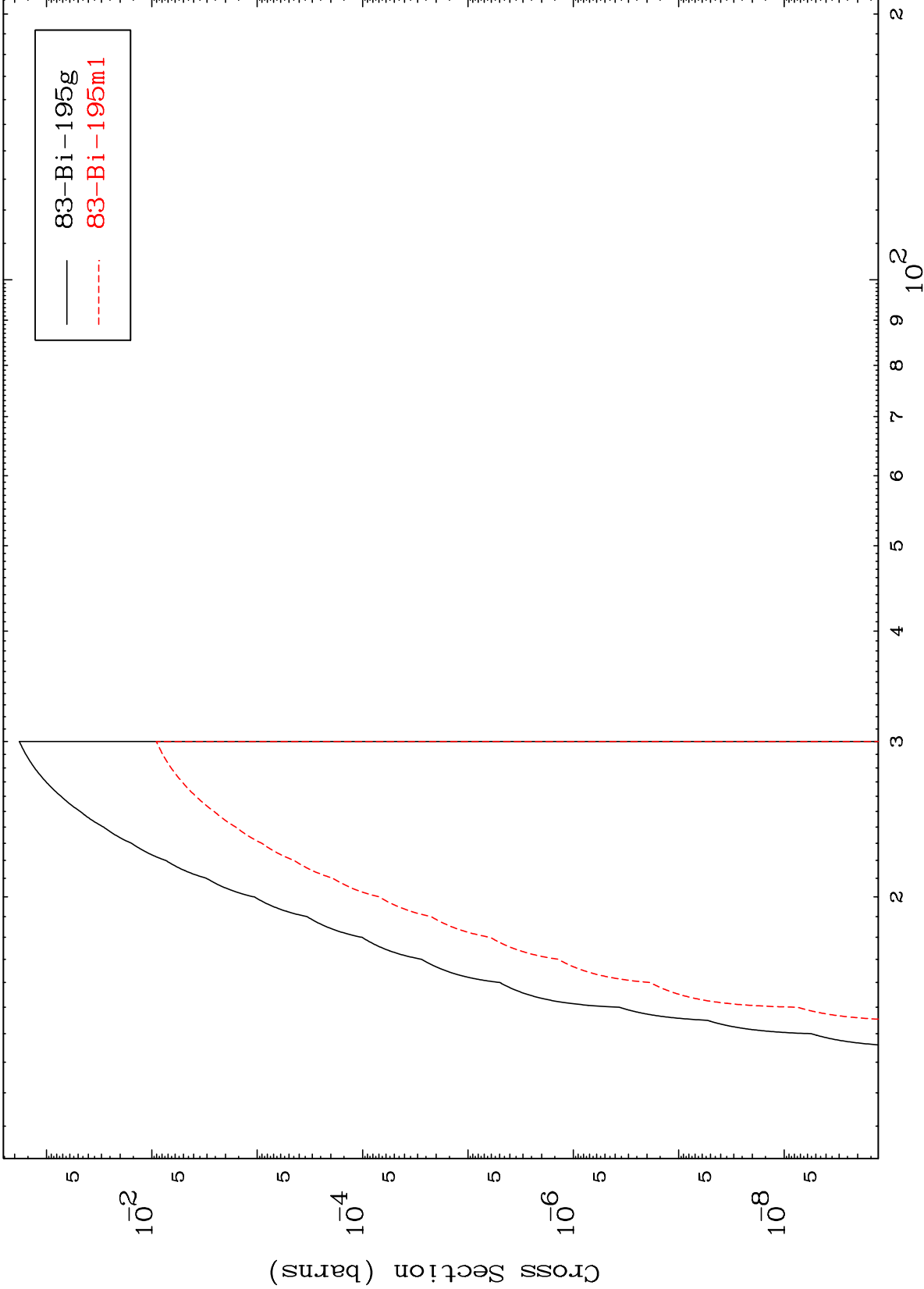
Incident Energy (MeV)

84-Po-197

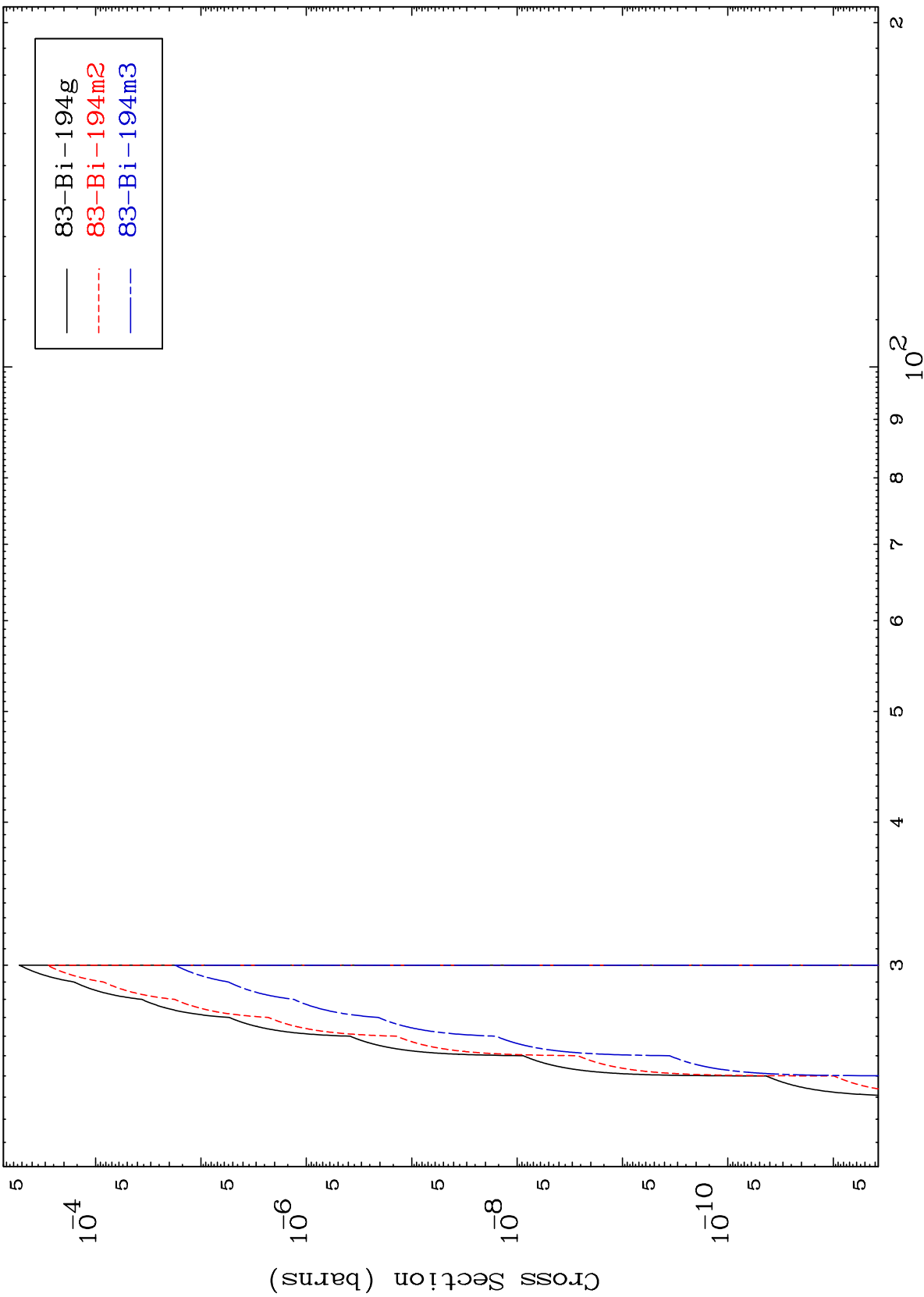
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



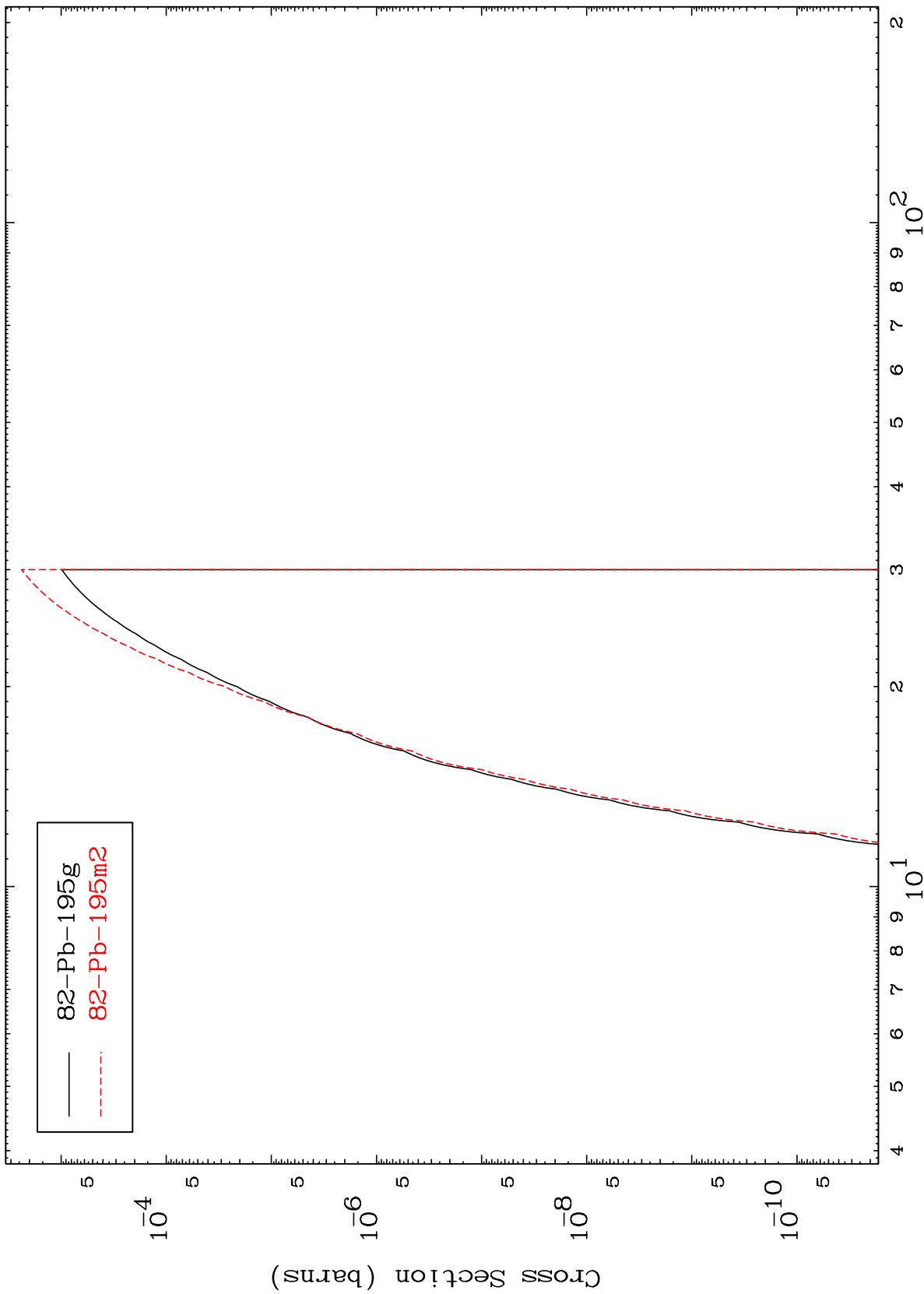
83-Bi-194g  
83-Bi-194m2  
83-Bi-194m3

MAT 8399

(n,2n) p

84-Po-197

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-197

31

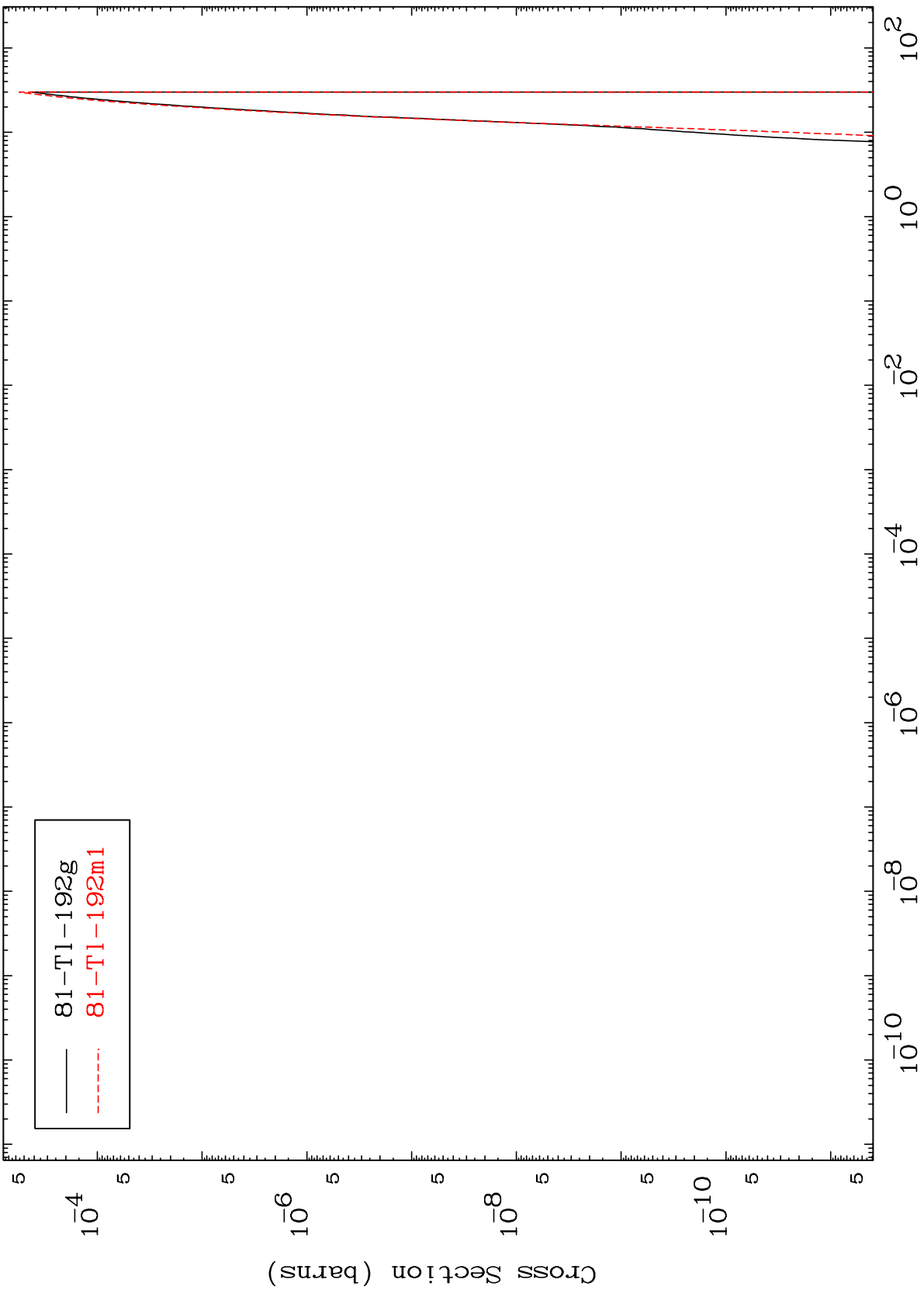


MAT 8399

(n,n') p  $\alpha$

84-Po-197

Radionuclide Production Cross Section



32

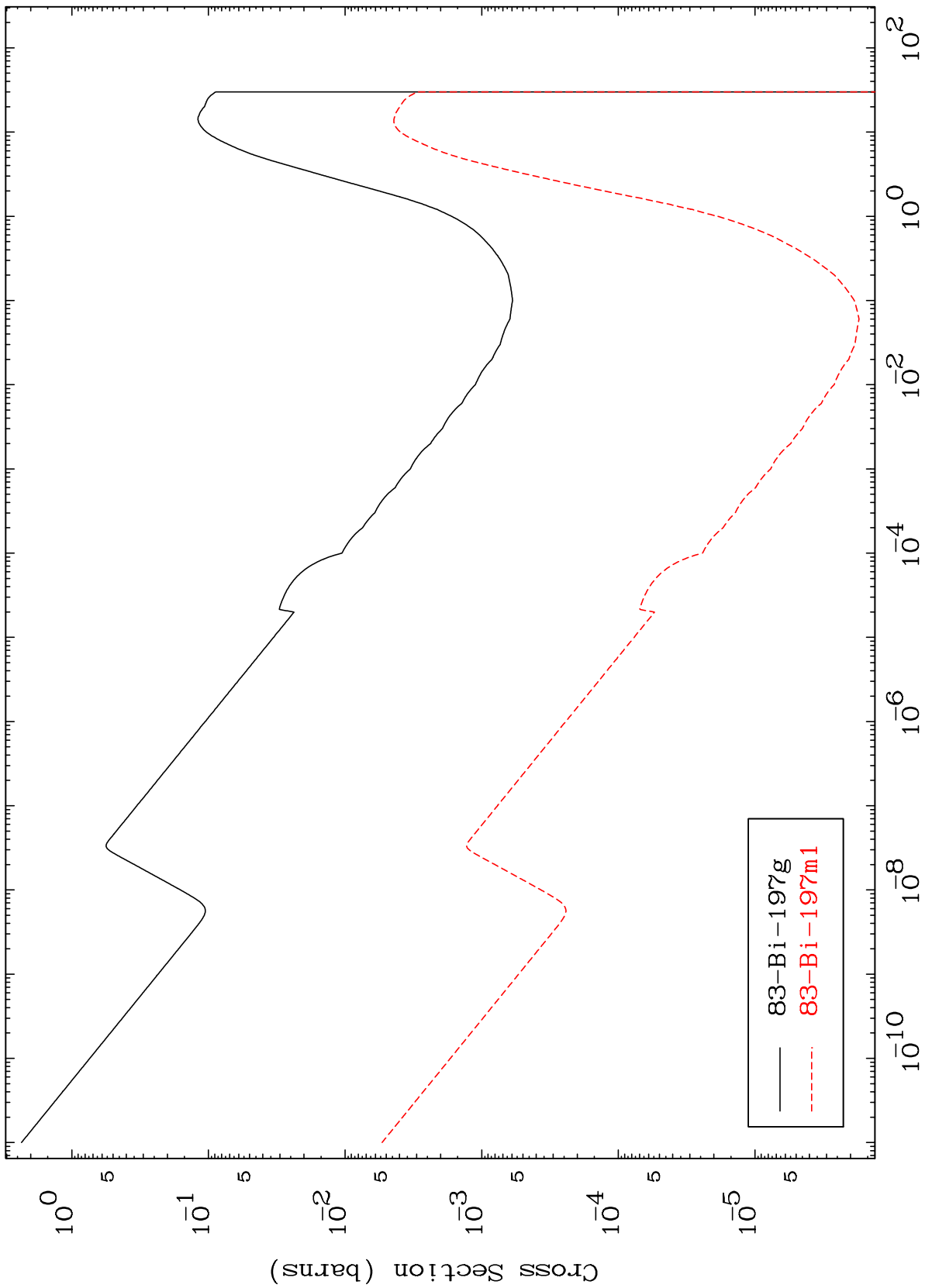
Incident Energy (MeV)

84-Po-197

MAT 8399

84-Po-197

(n,p)  
Radionuclide Production Cross Section



84-Po-197

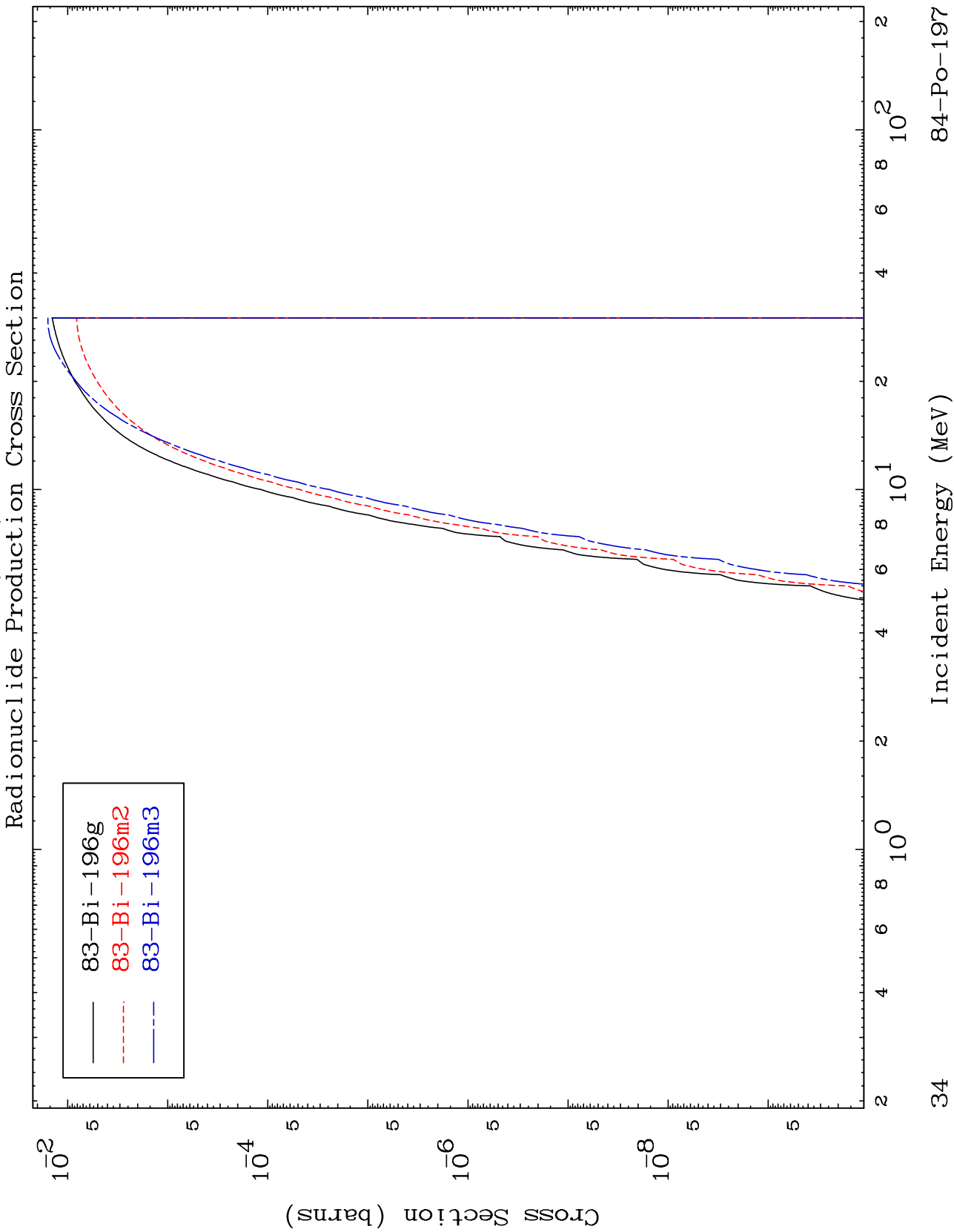
Incident Energy (MeV)

33

MAT 8399

(n,d)

84-Po-197



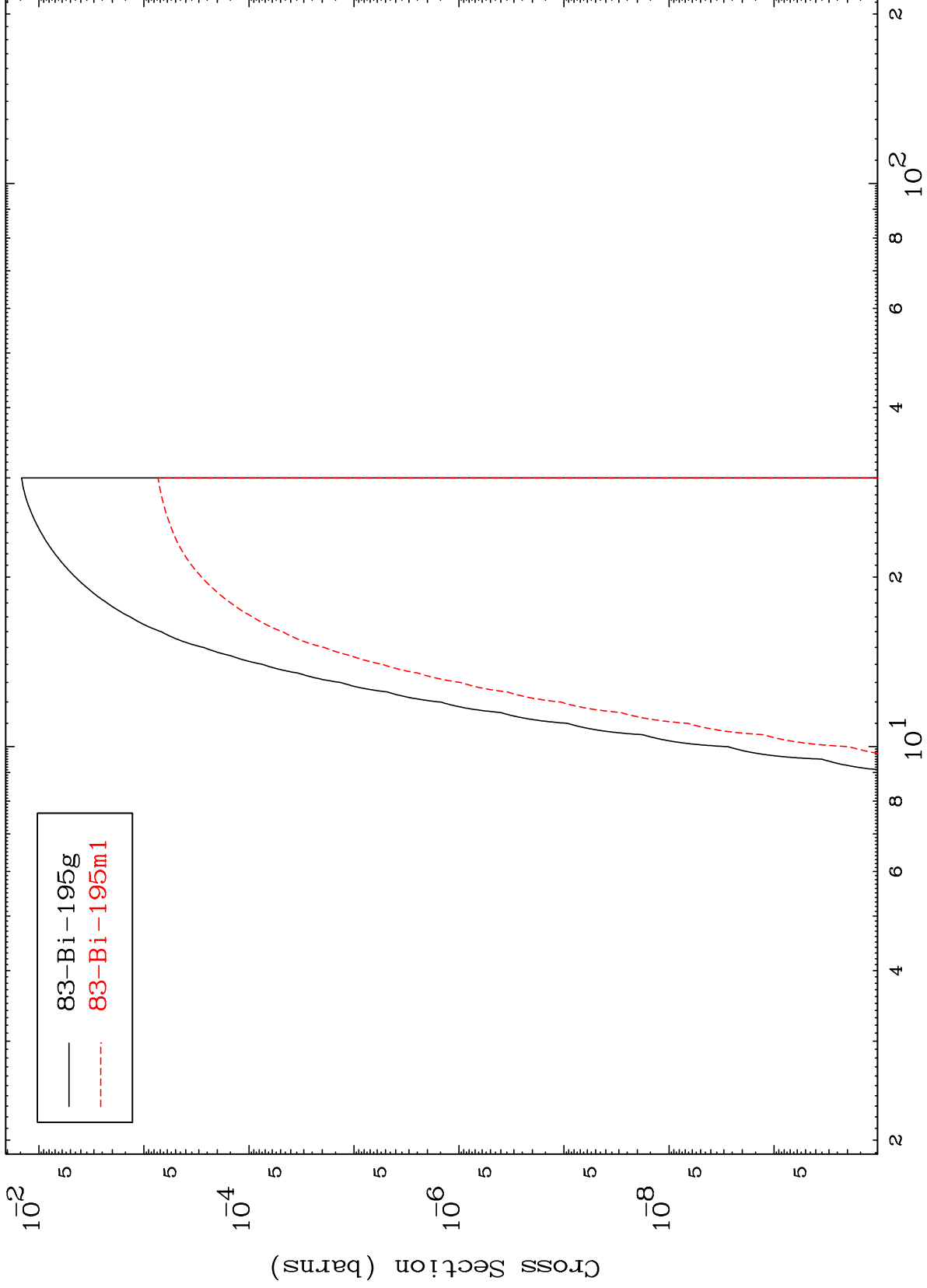
34

84-Po-197

MAT 8399

84-Po-197

(n, t)  
Radionuclide Production Cross Section



84-Po-197

Incident Energy (MeV)

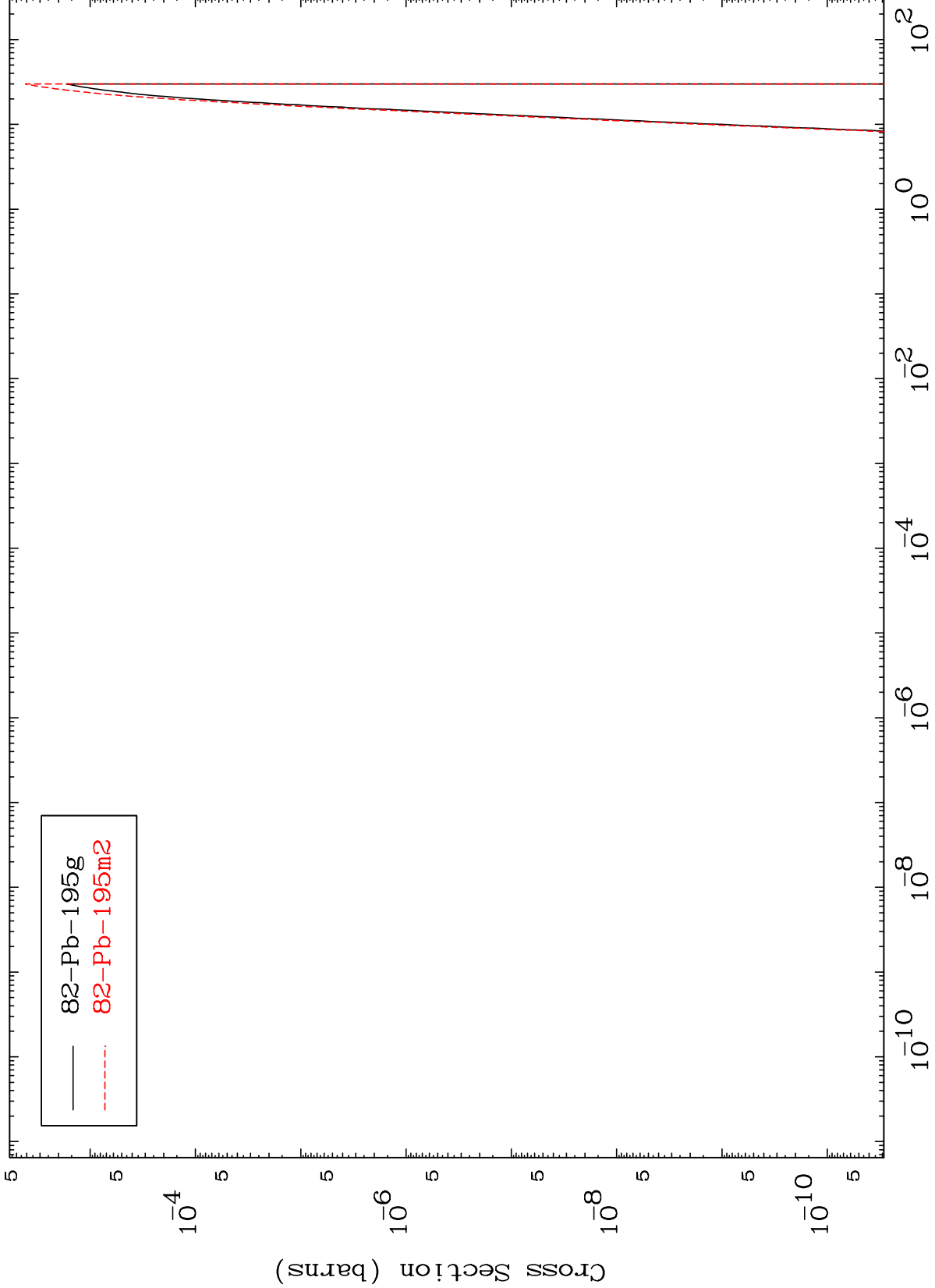
35

MAT 8399

(n,He-3)

84-Po-197

Radionuclide Production Cross Section



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

36

Incident Energy (MeV)

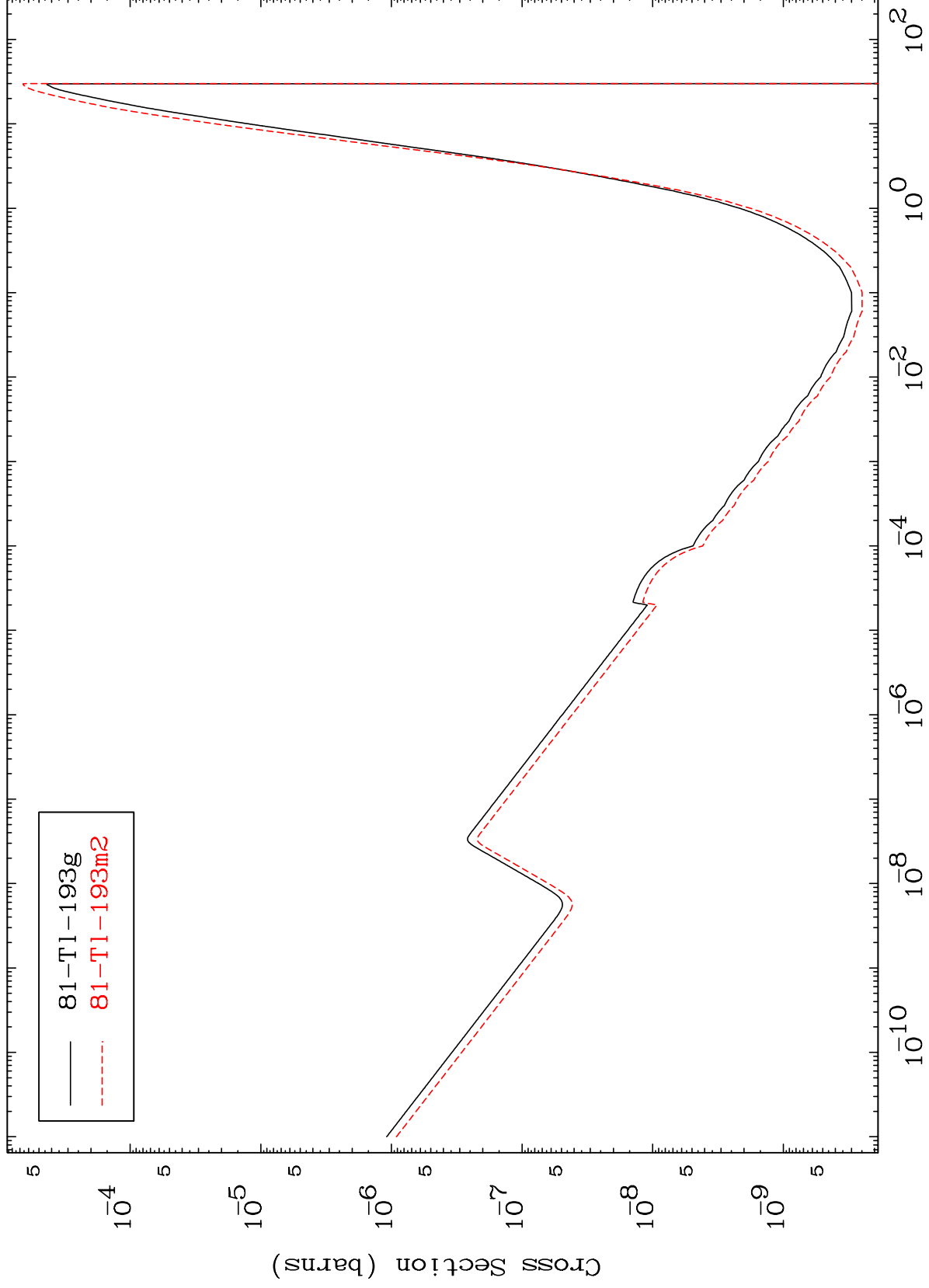
84-Po-197

MAT 8399

(n,p)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



37

Incident Energy (MeV)

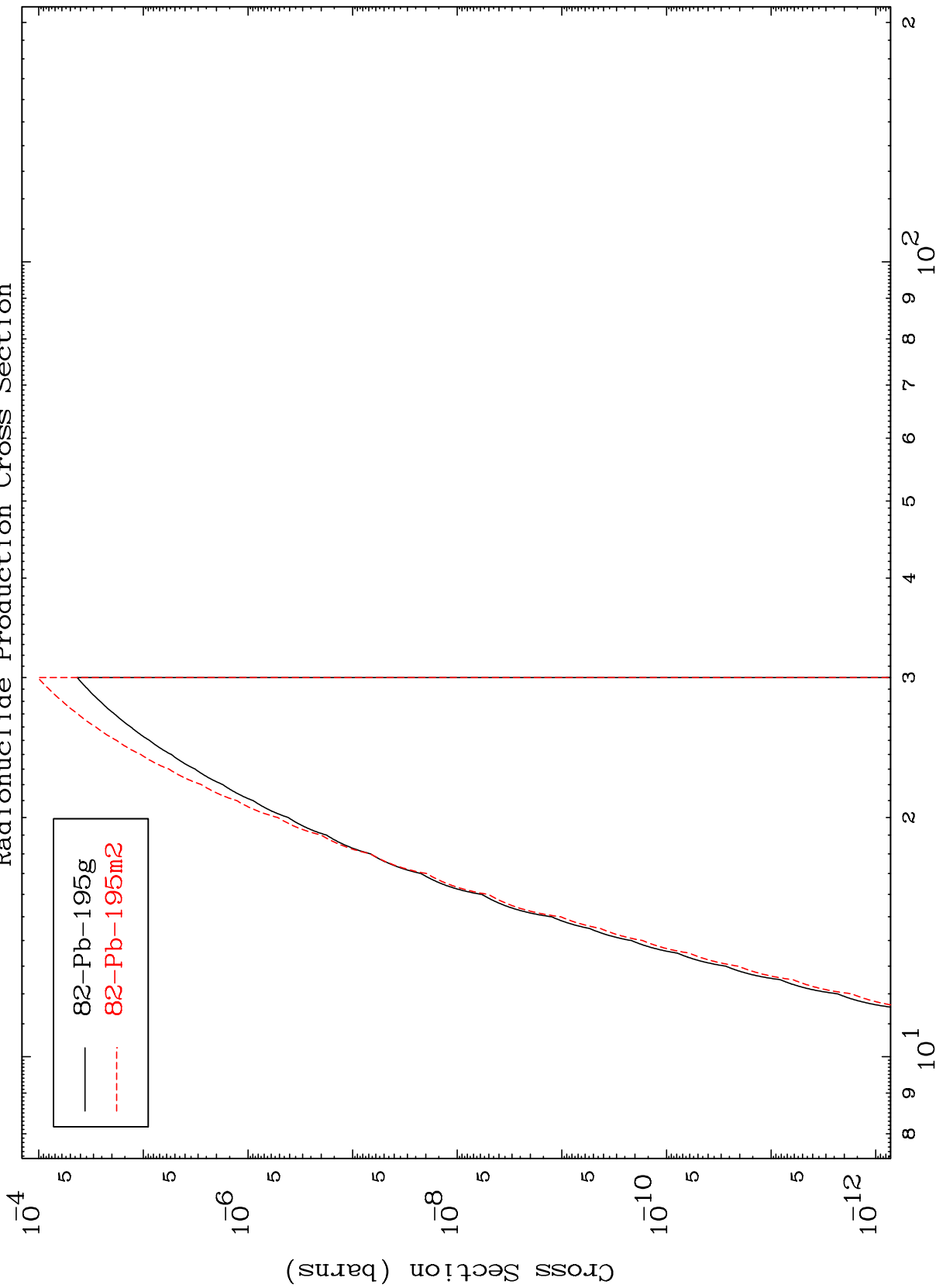
84-Po-197

MAT 8399

(n,p) d

84-Po-197

Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-197

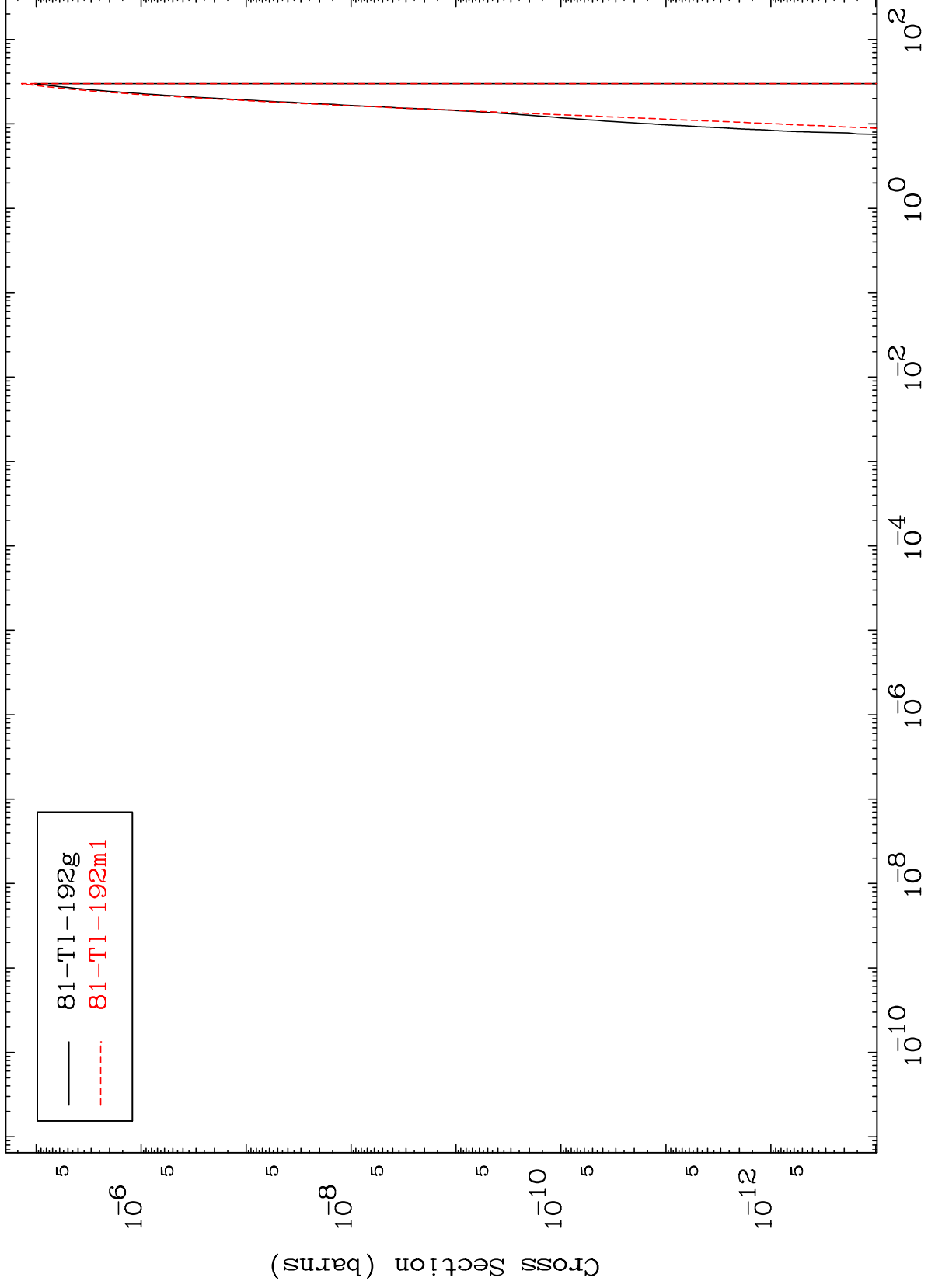
38

MAT 8399

(n,d)  $\alpha$

84-Po-197

Radionuclide Production Cross Section



39

Incident Energy (MeV)

84-Po-197