

Program EVALPLOT
(Version 2018-1)

by

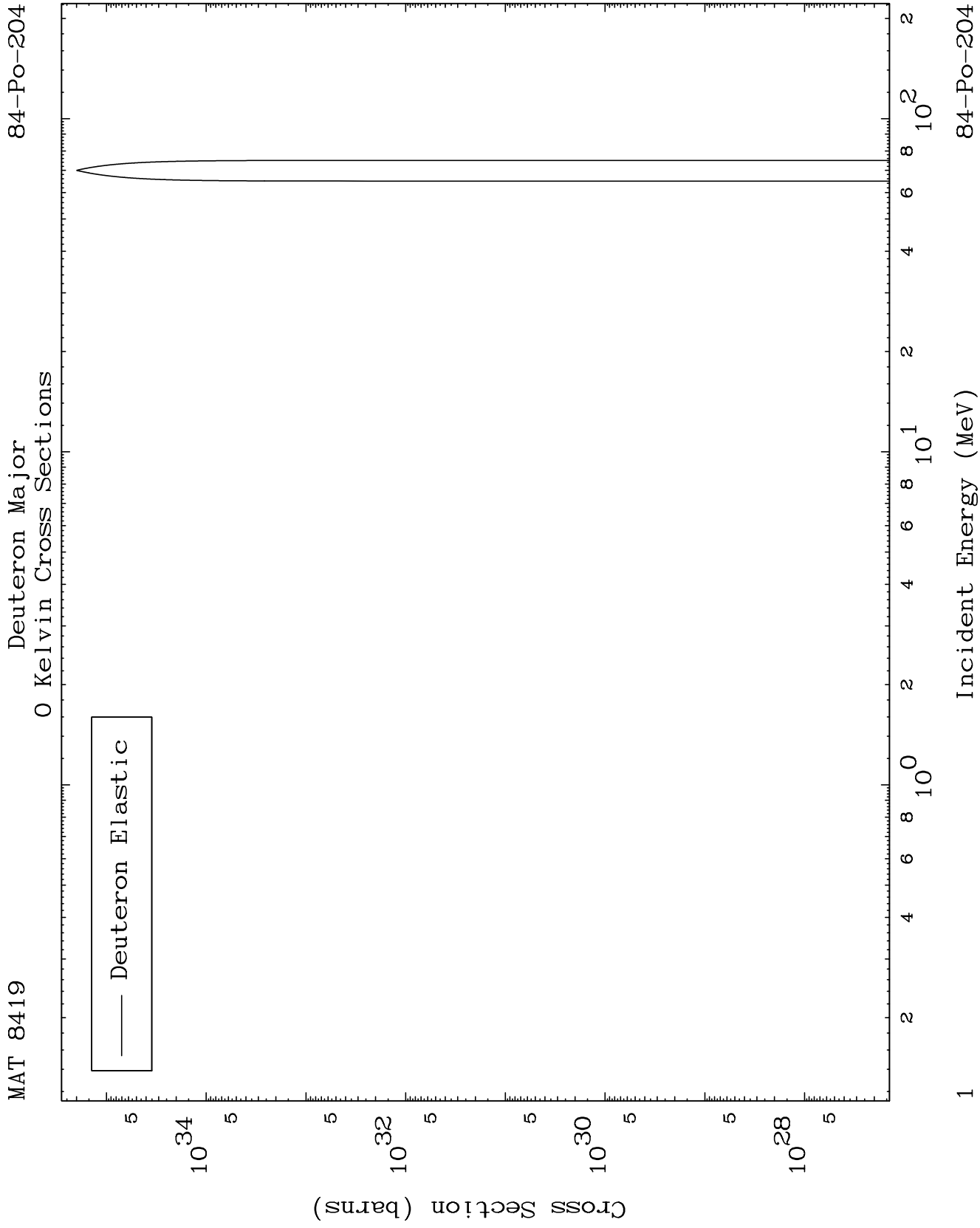
Dermott E. Cullen
(Present Contact Information)

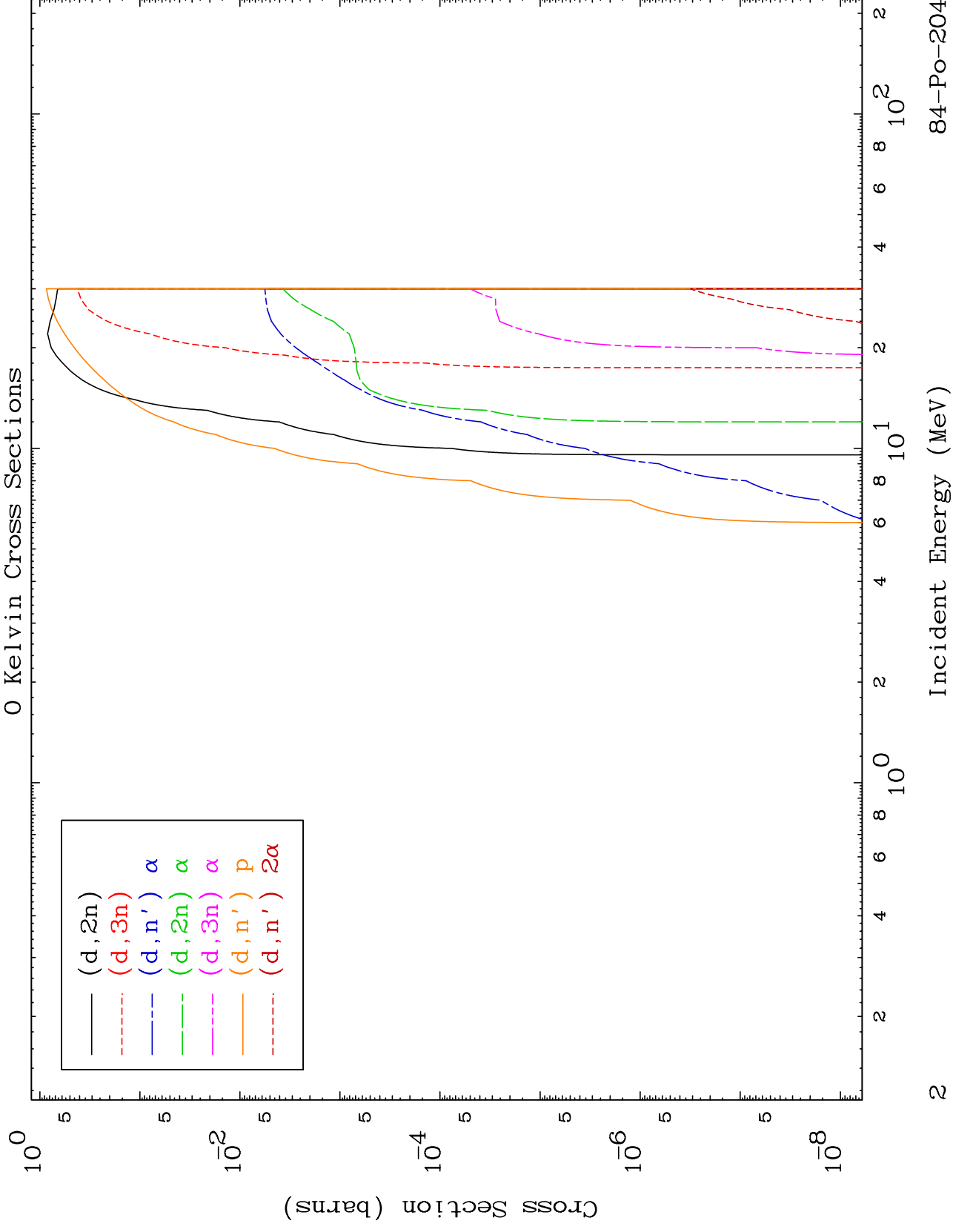
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

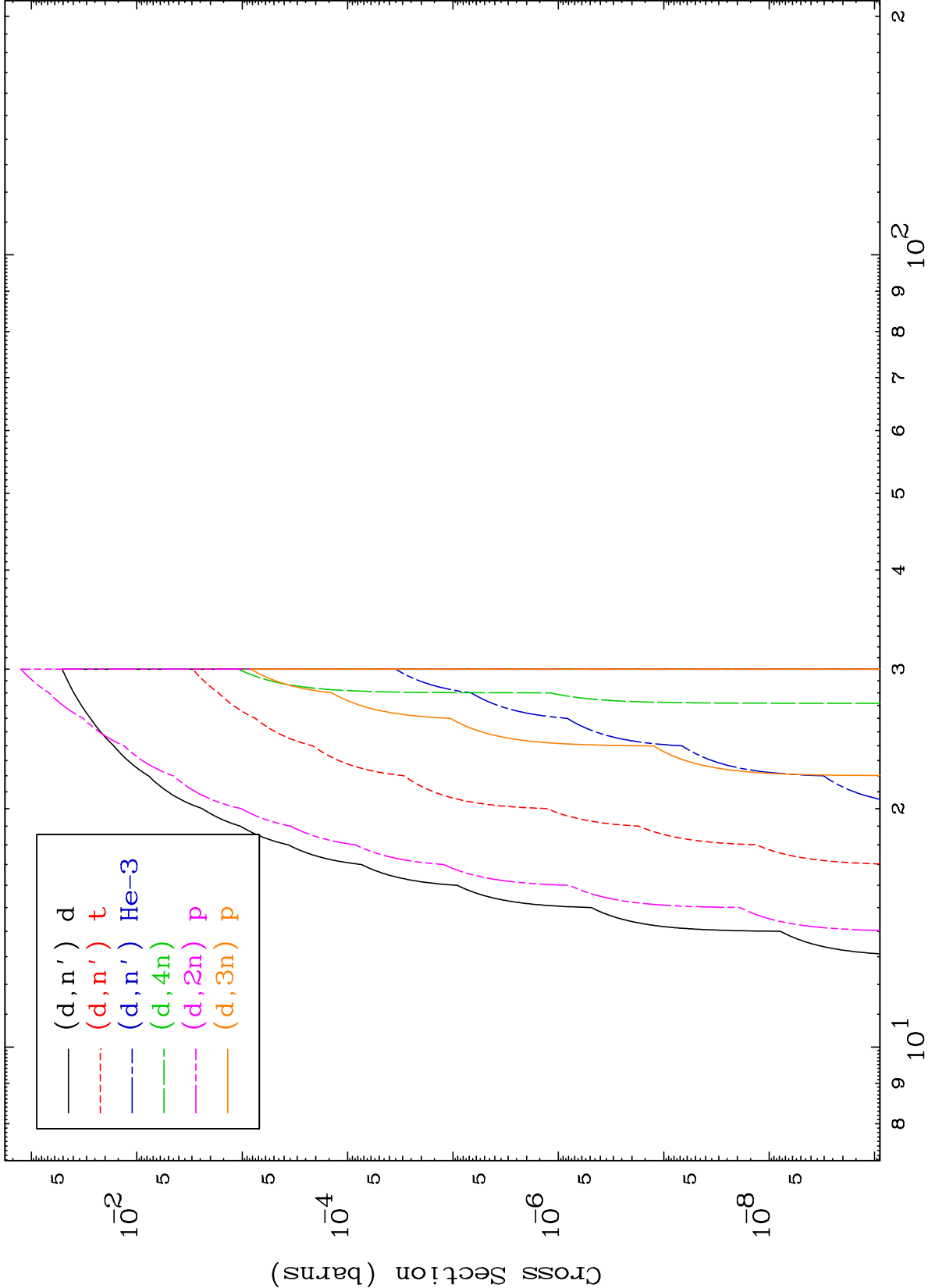




MAT 8419

Deuteron Neutron Production
0 Kelvin Cross Sections

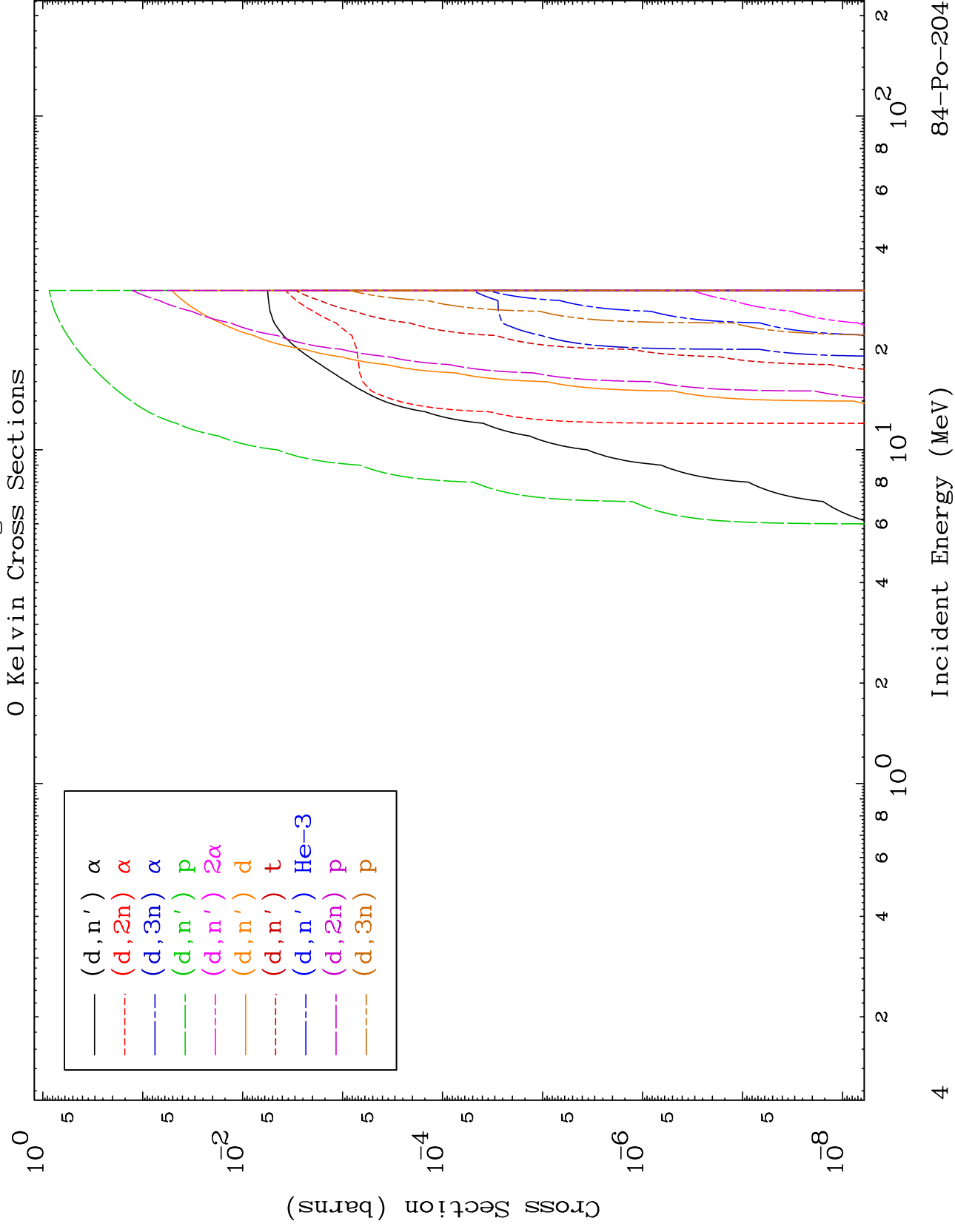
84-Po-204

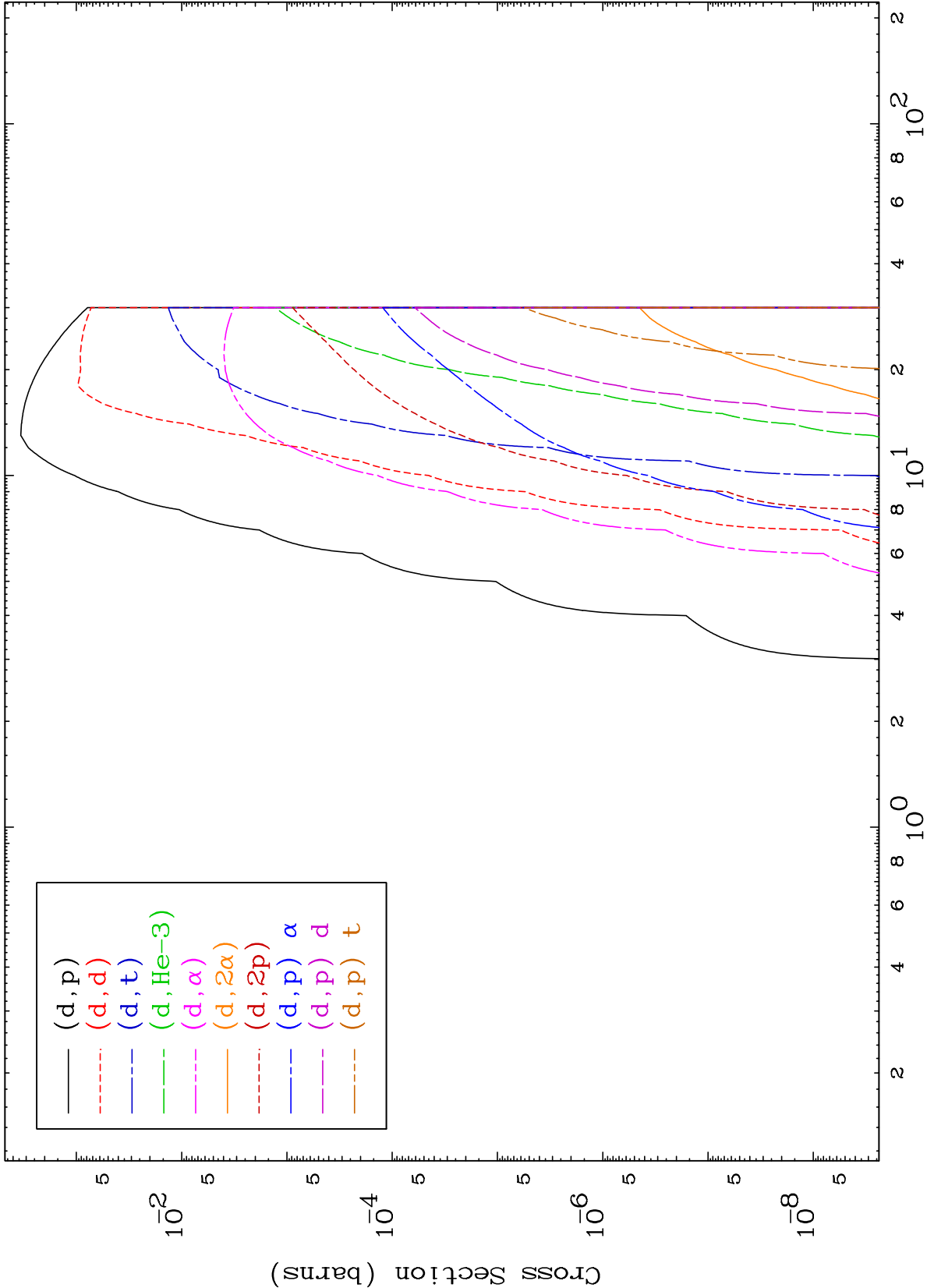


3

Incident Energy (MeV)

84-Po-204



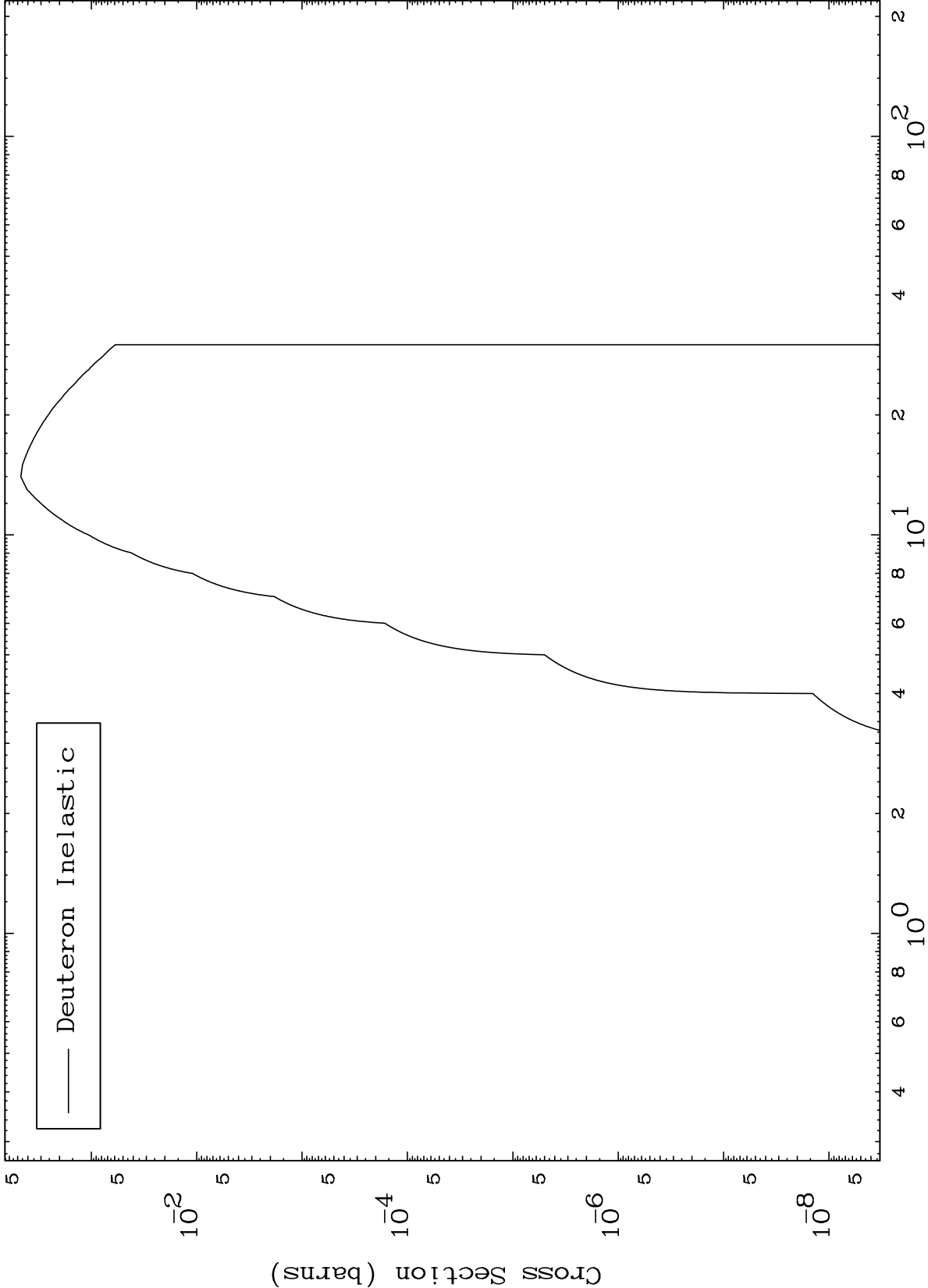


MAT 8419

(d,n') Level

84-Po-204

0 Kelvin Cross Sections



Incident Energy (MeV)

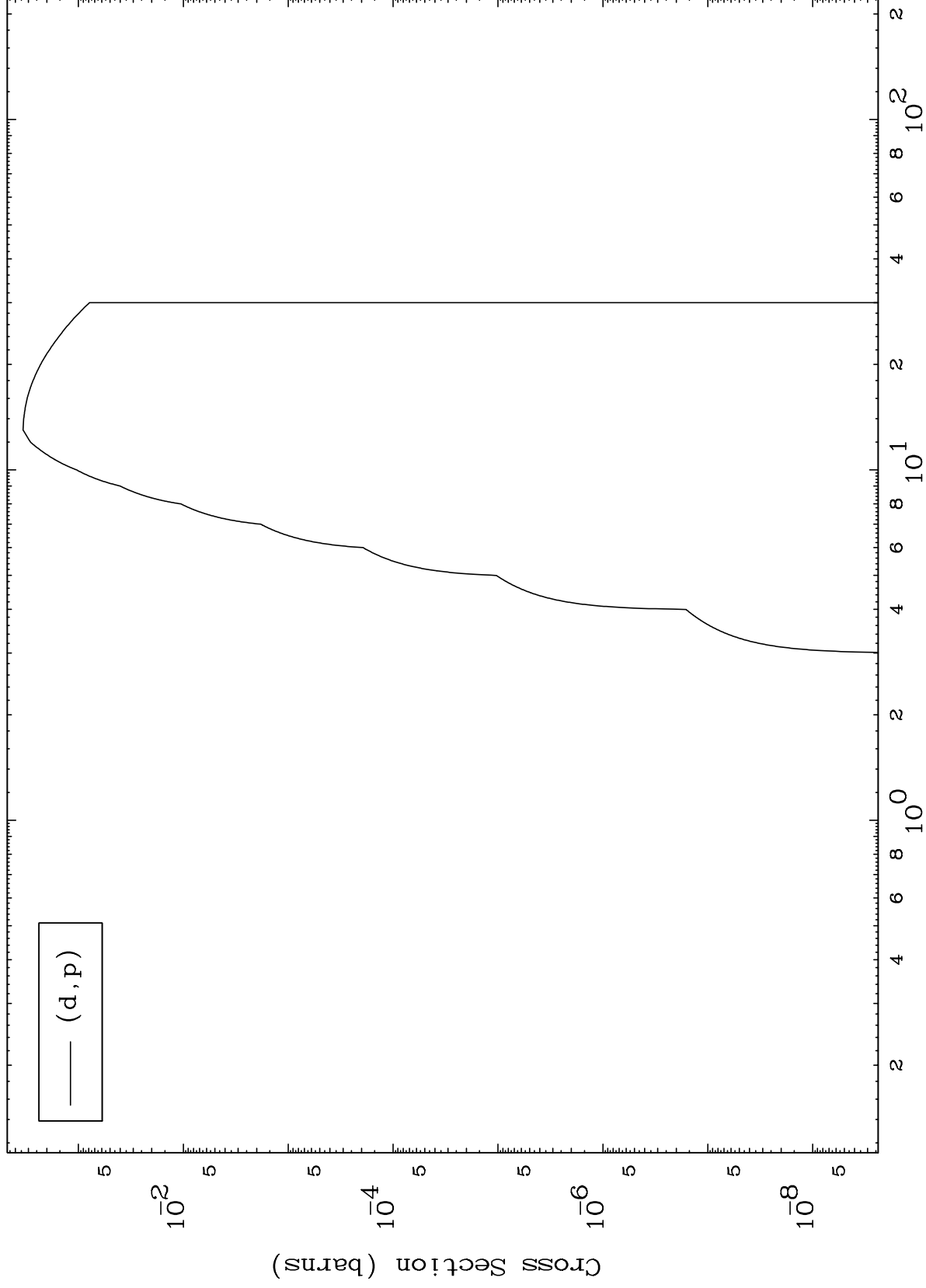
84-Po-204

6

MAT 8419

84-Po-204

(d,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

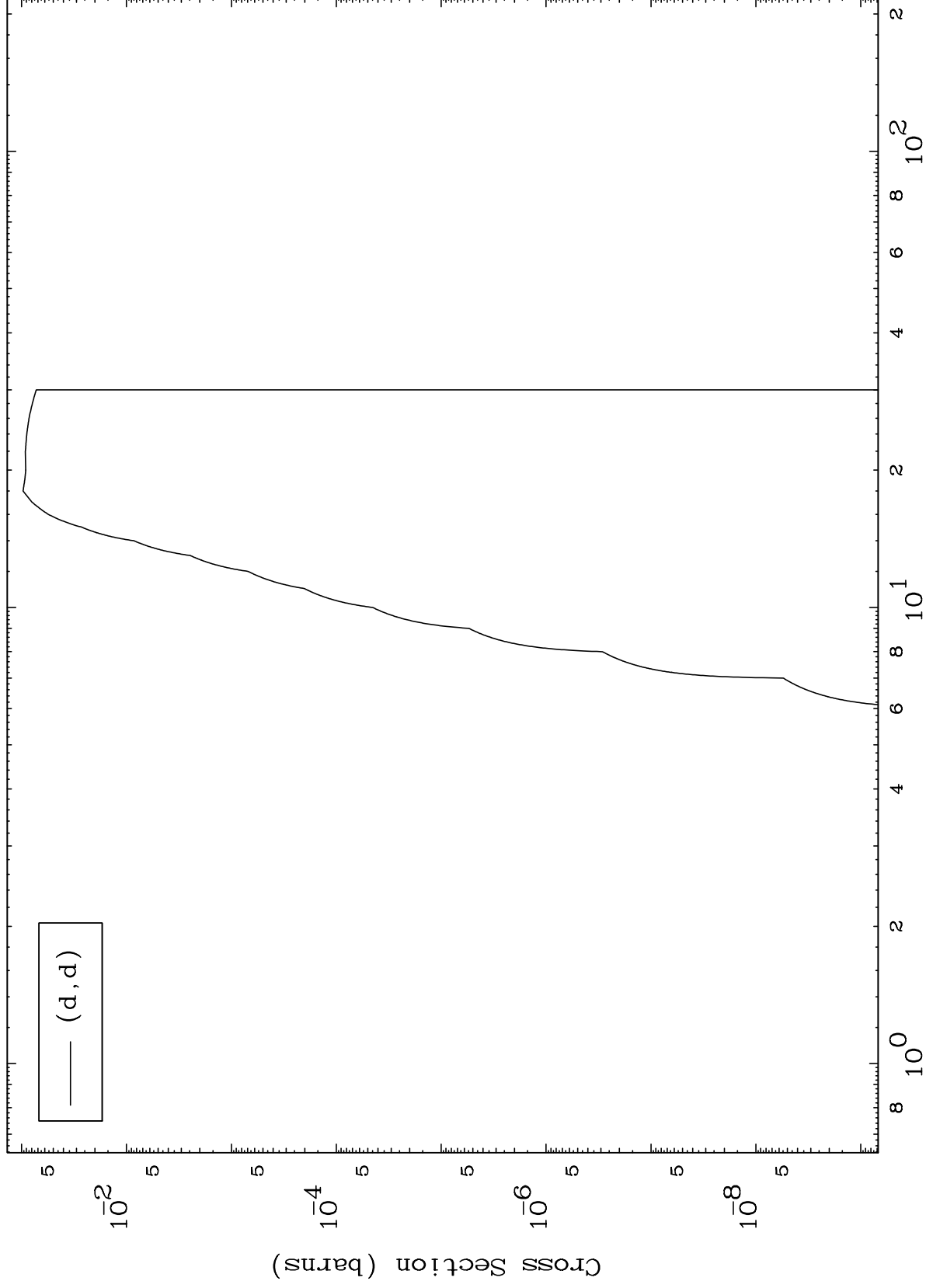
84-Po-204

MAT 8419

(d,d) Levels

84-Po-204

0 Kelvin Cross Sections



8

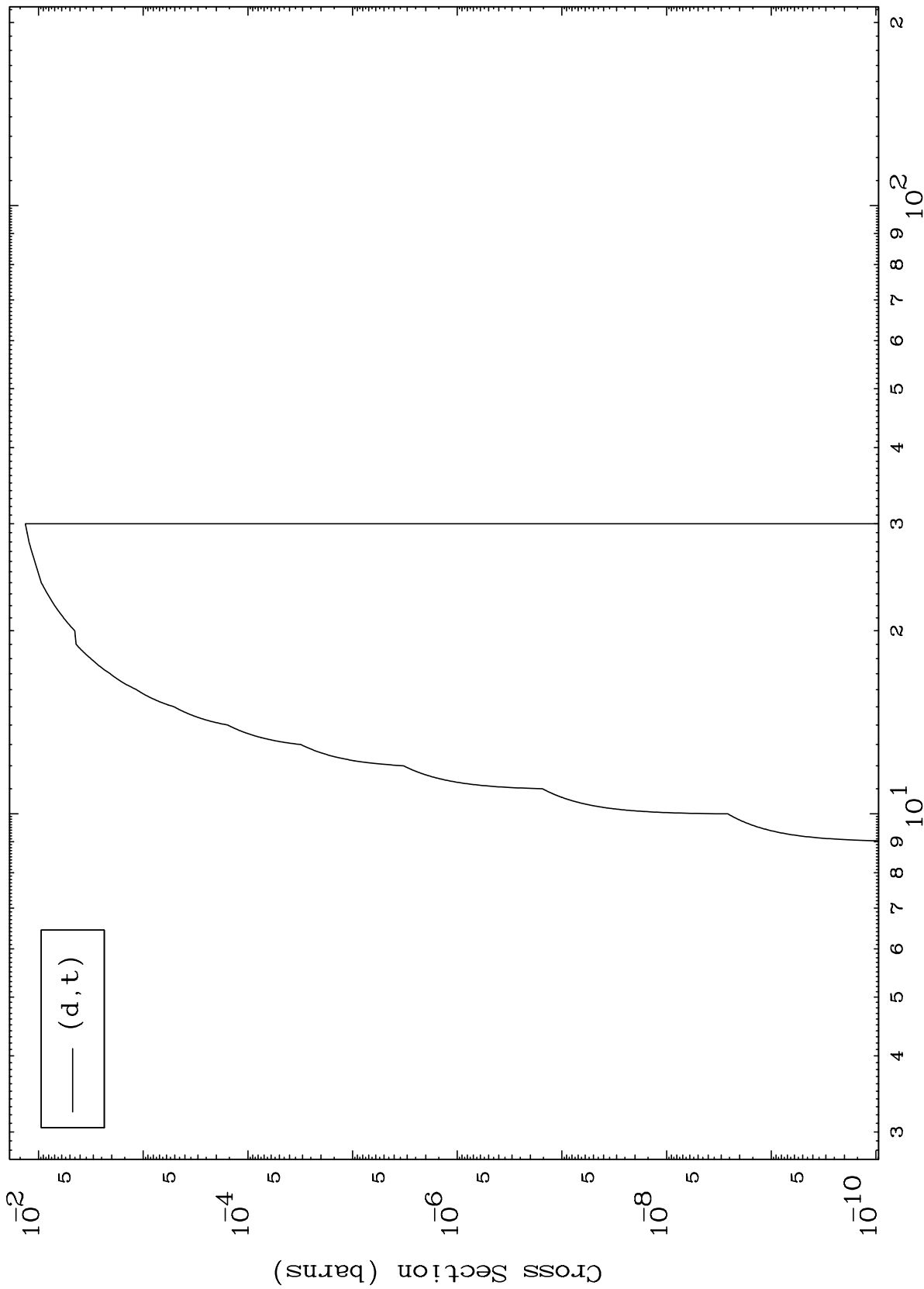
Incident Energy (MeV)

84-Po-204

MAT 8419

84-Po-204

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

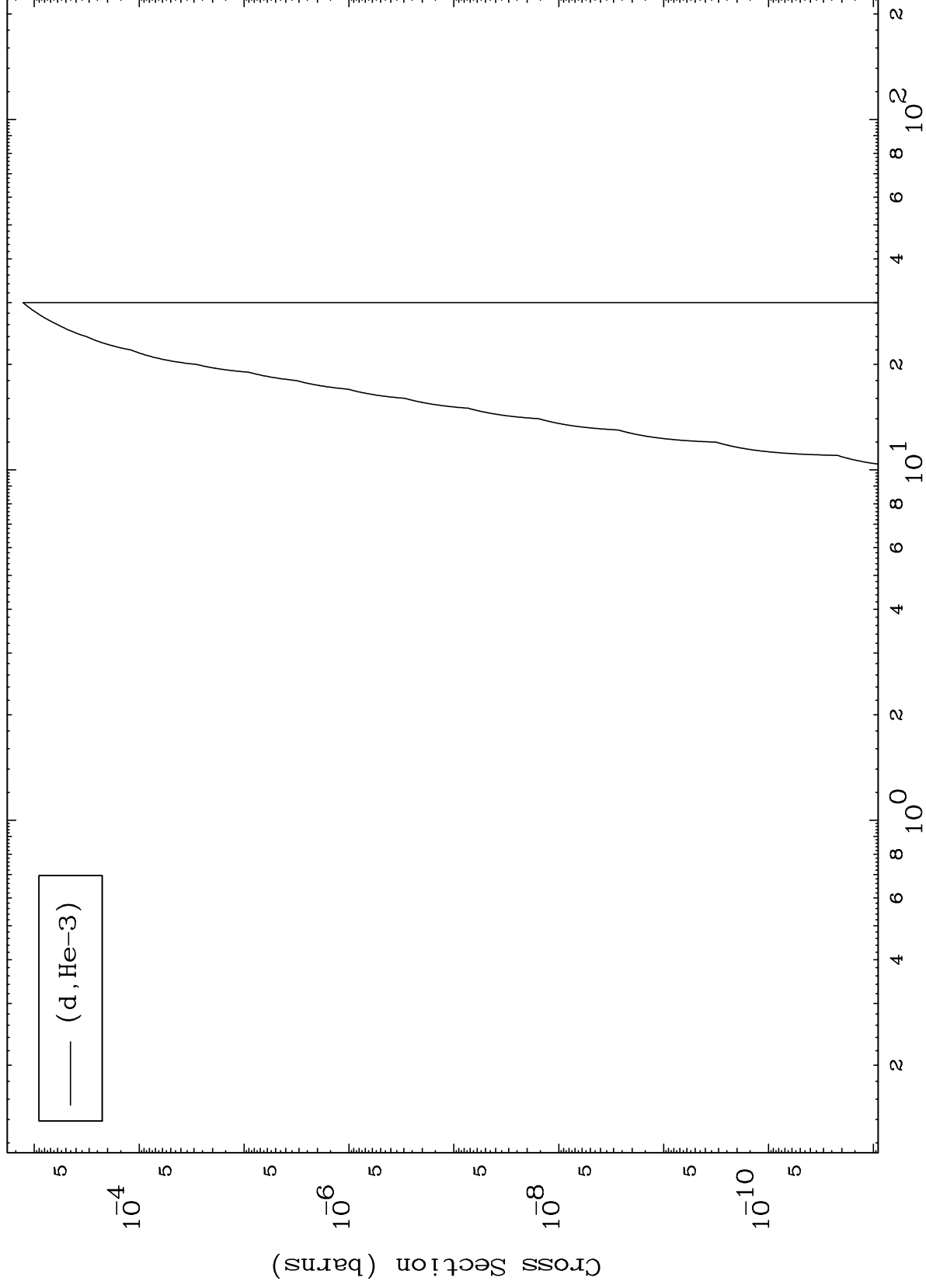
84-Po-204

MAT 8419

(d,He3) Levels

84-Po-204

0 Kelvin Cross Sections



10

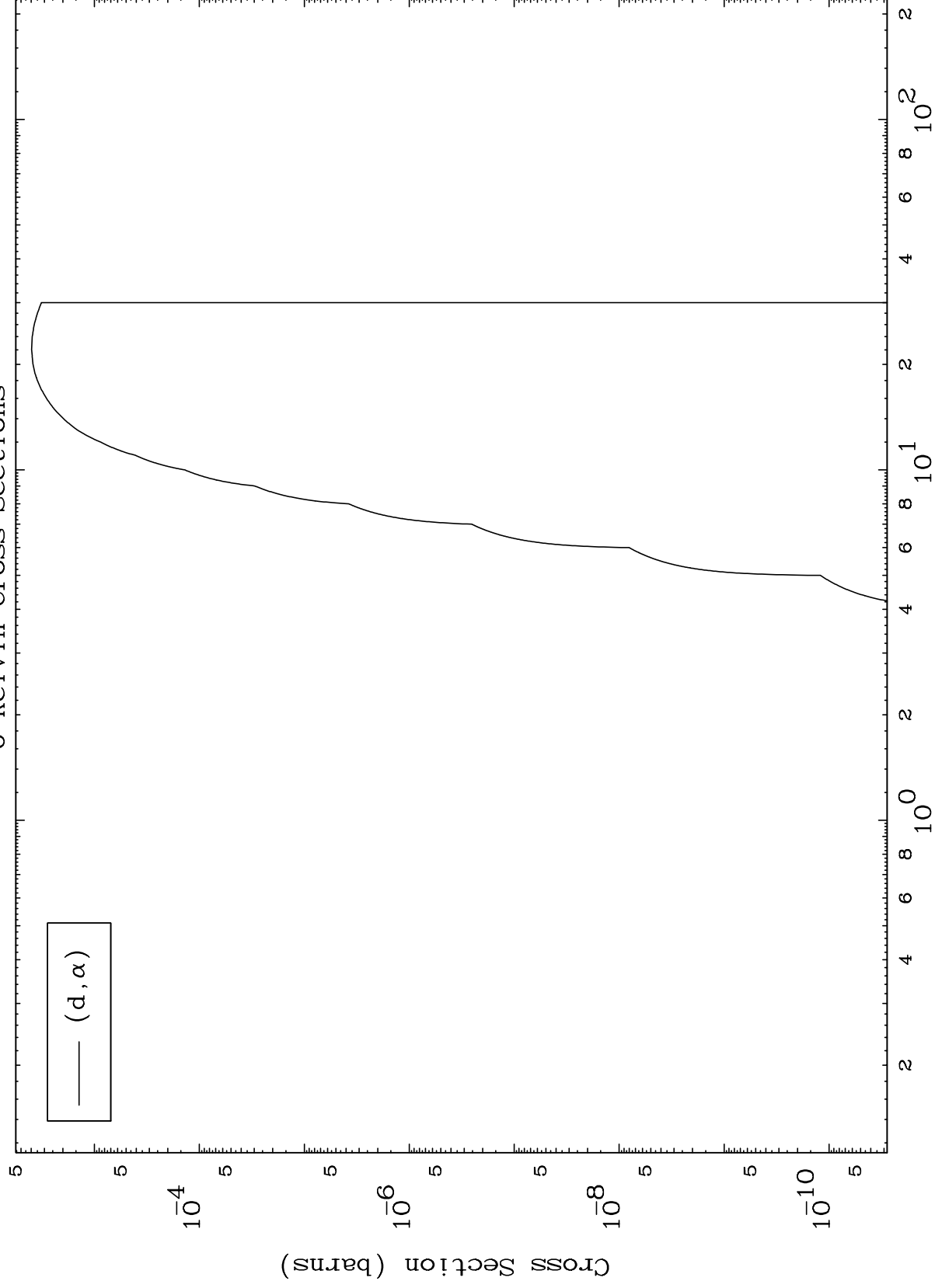
Incident Energy (MeV)

84-Po-204

MAT 8419

84-Po-204

(d, α) Levels
0 Kelvin Cross Sections



11

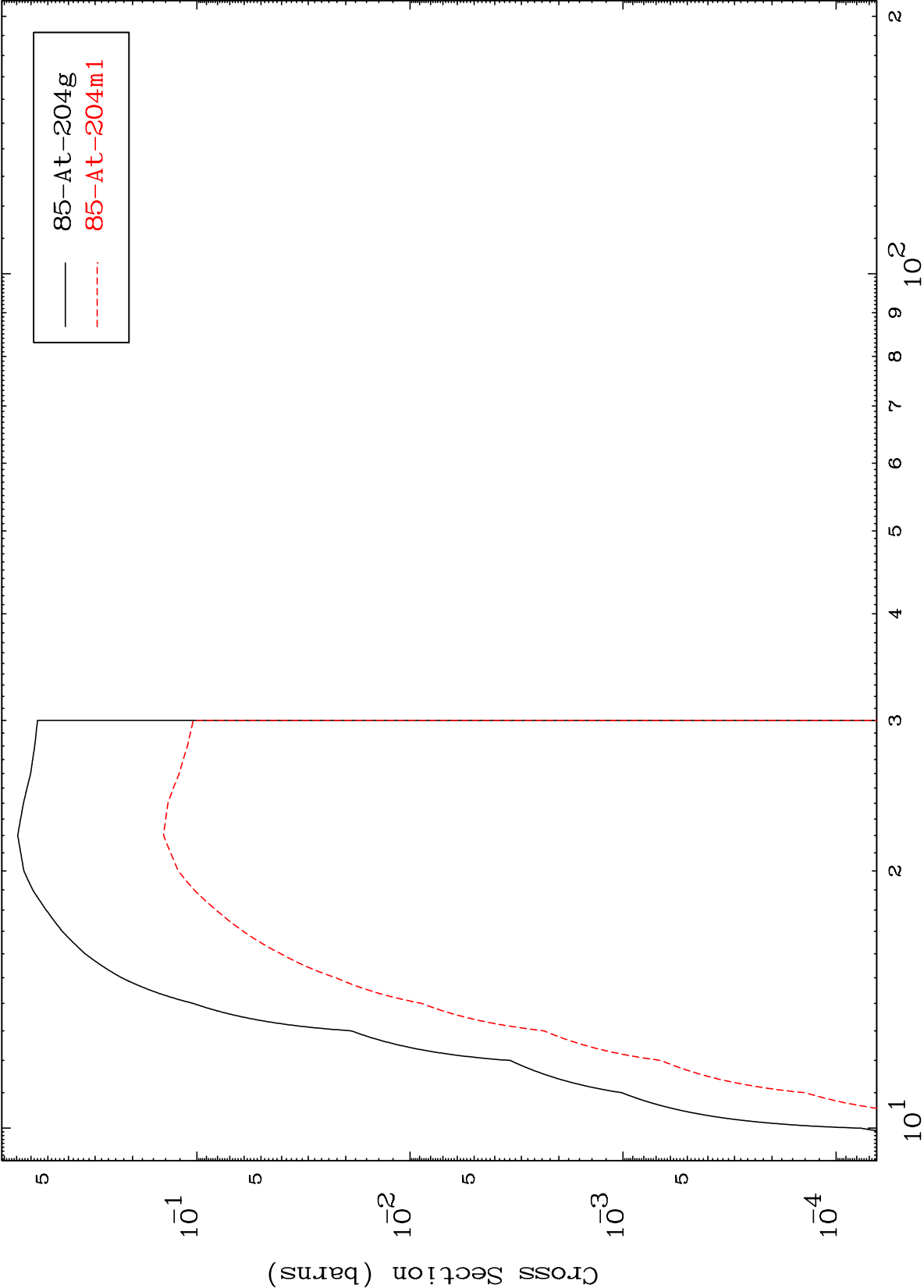
Incident Energy (MeV)

84-Po-204

MAT 8419

84-Po-204

Radionuclide Production Cross Section
(d,2n)



84-Po-204

Incident Energy (MeV)

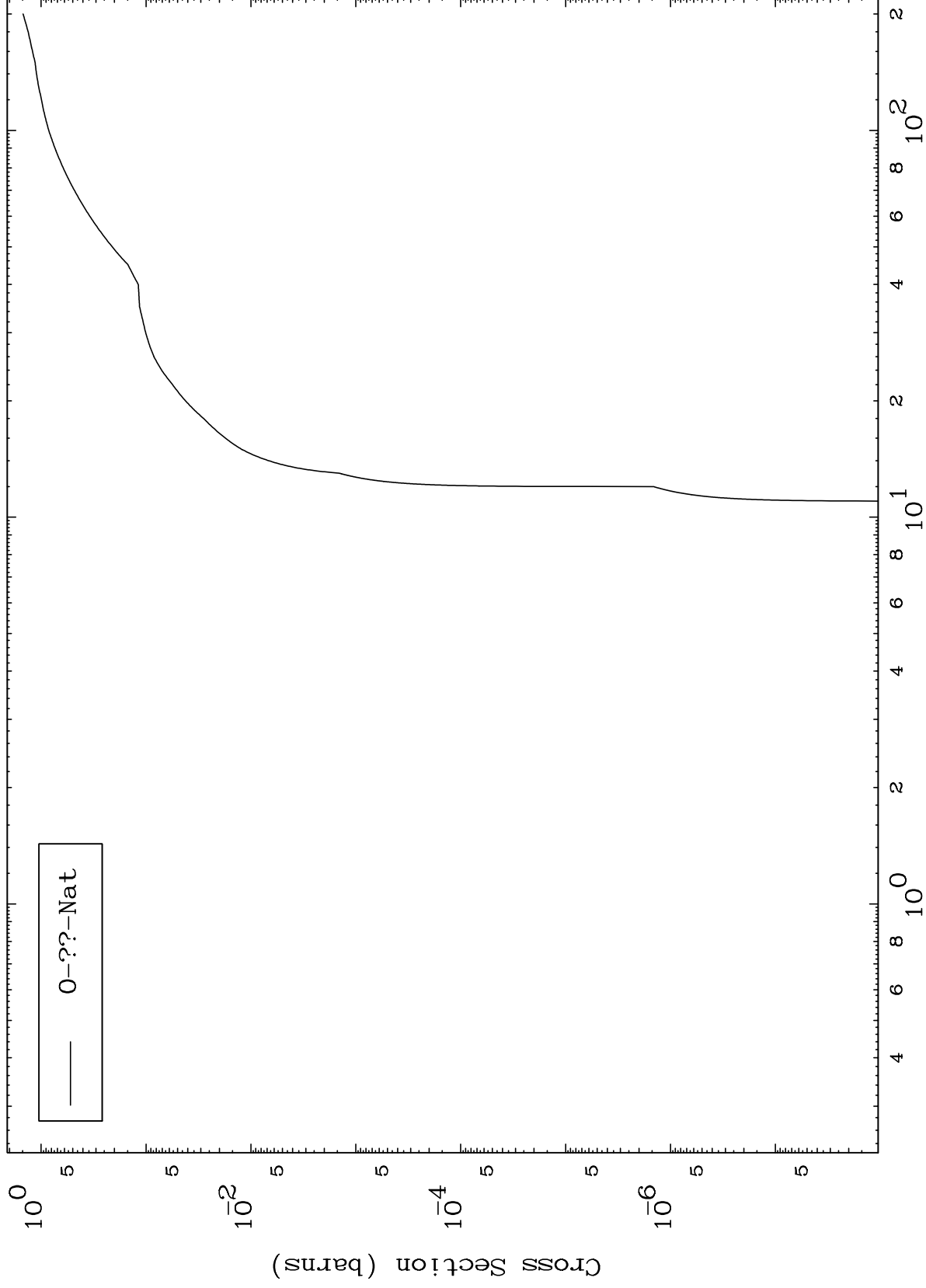
12

MAT 8419

Deuteron Fission

84-Po-204

Radionuclide Production Cross Section



13

Incident Energy (MeV)

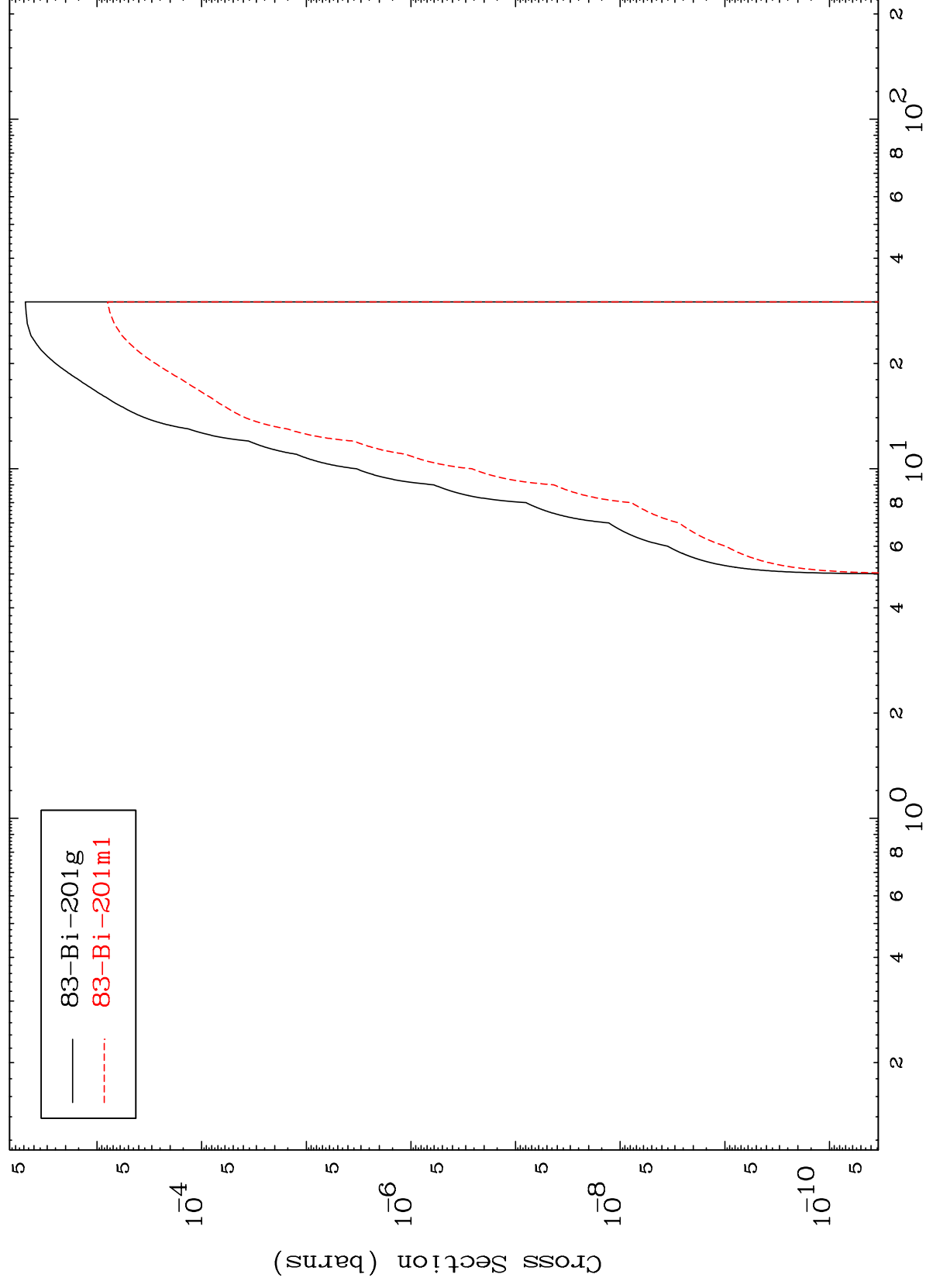
84-Po-204

MAT 8419

84-Po-204

$$(d, n') \propto$$

Radionuclide Production Cross Section



84-Po-204

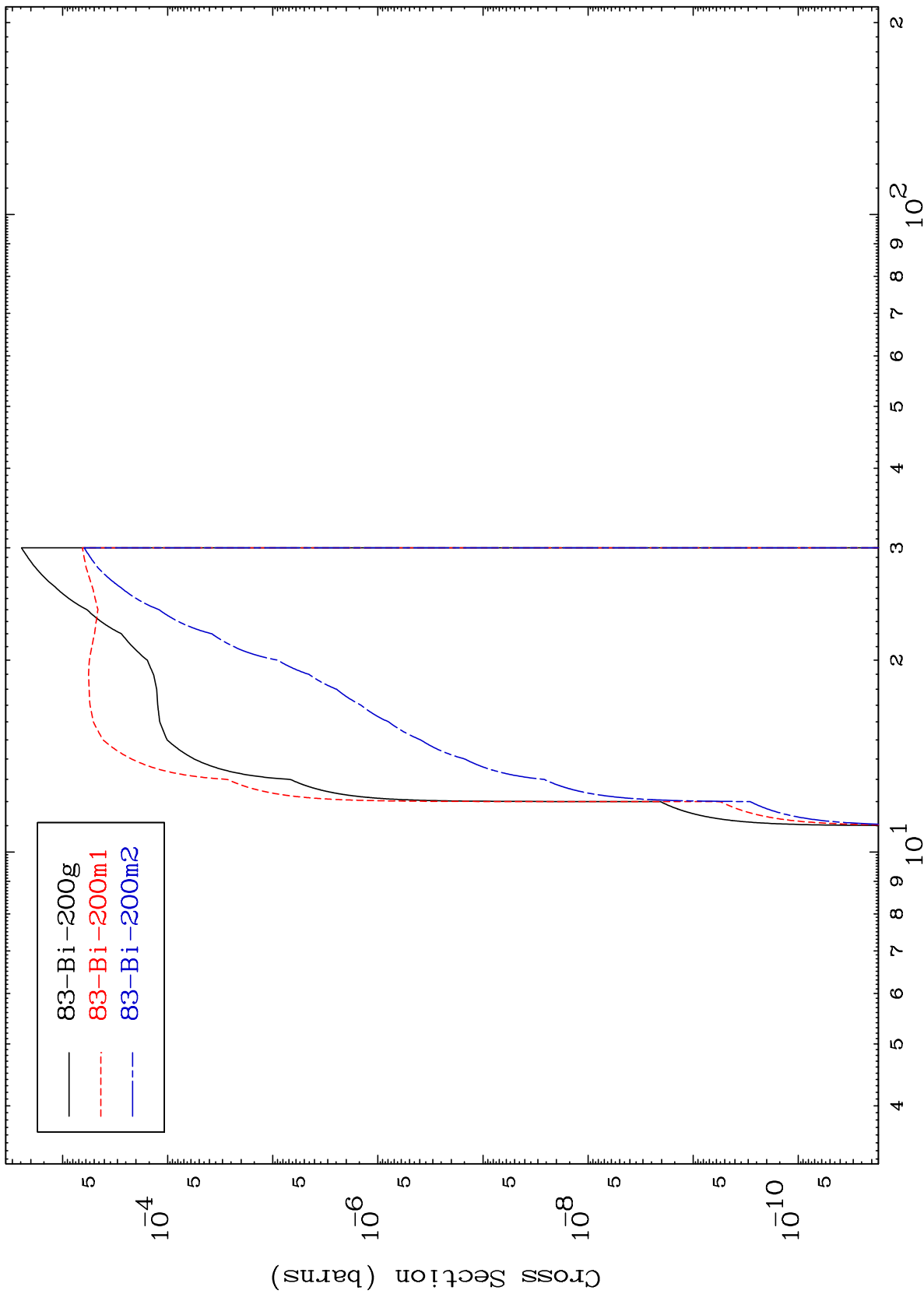
Incident Energy (MeV)

MAT 8419

84-Po-204

(d,2n) α

Radionuclide Production Cross Section

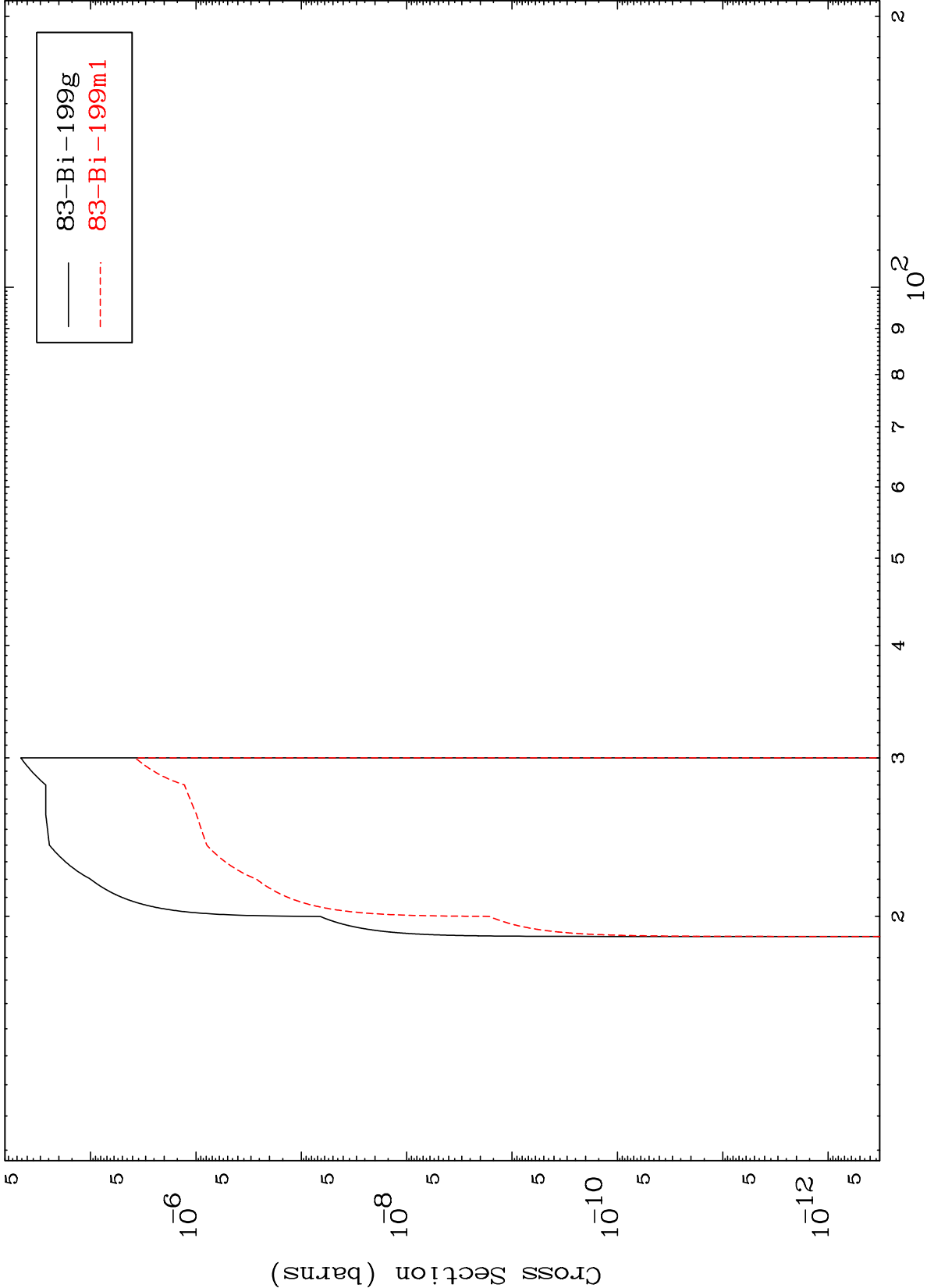


15

Incident Energy (MeV)

84-Po-204

(d,3n) α
Radionuclide Production Cross Section

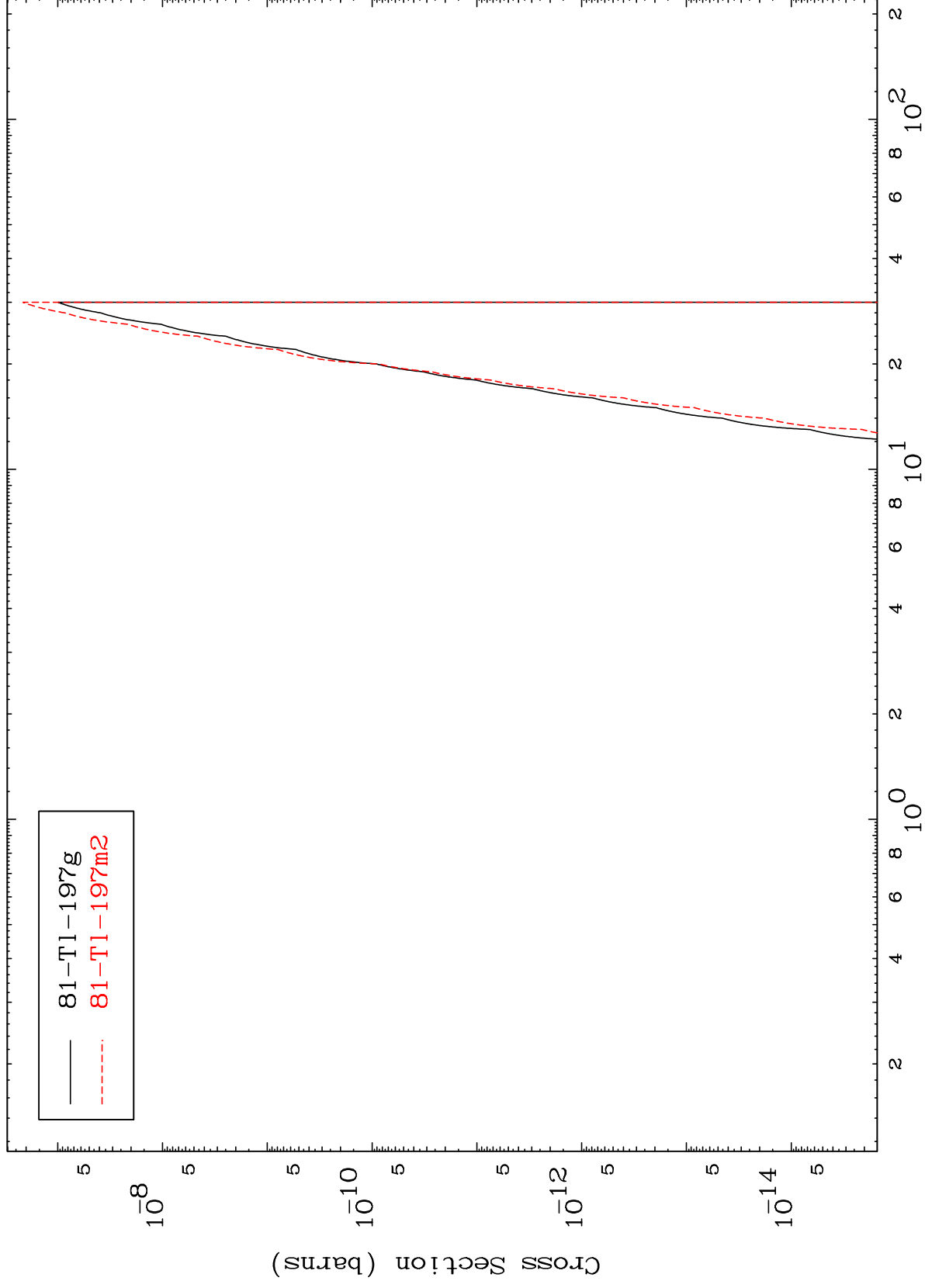


MAT 8419

(d,n') 2 α

84-Po-204

Radionuclide Production Cross Section



17

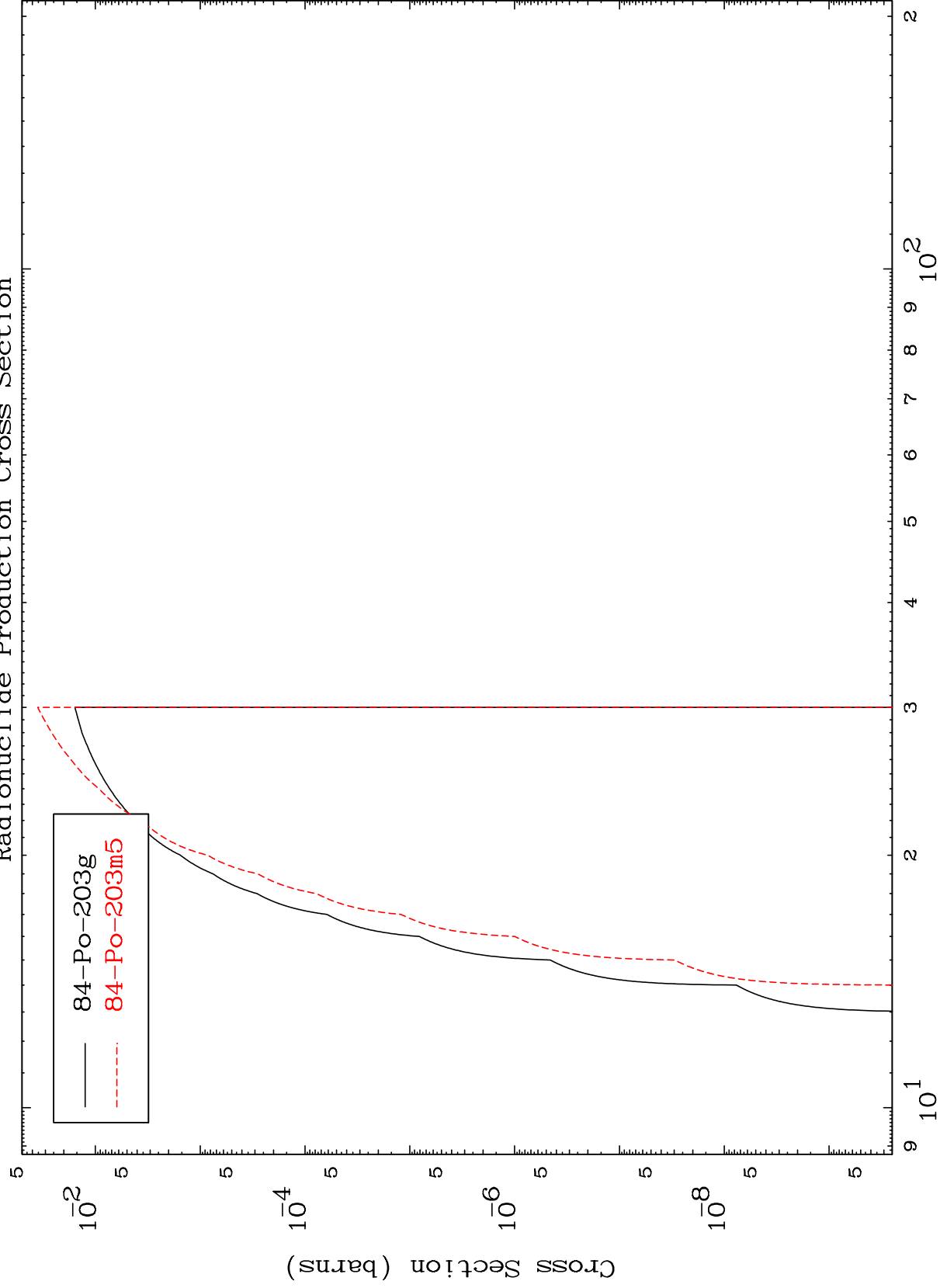
Incident Energy (MeV)

84-Po-204

MAT 8419

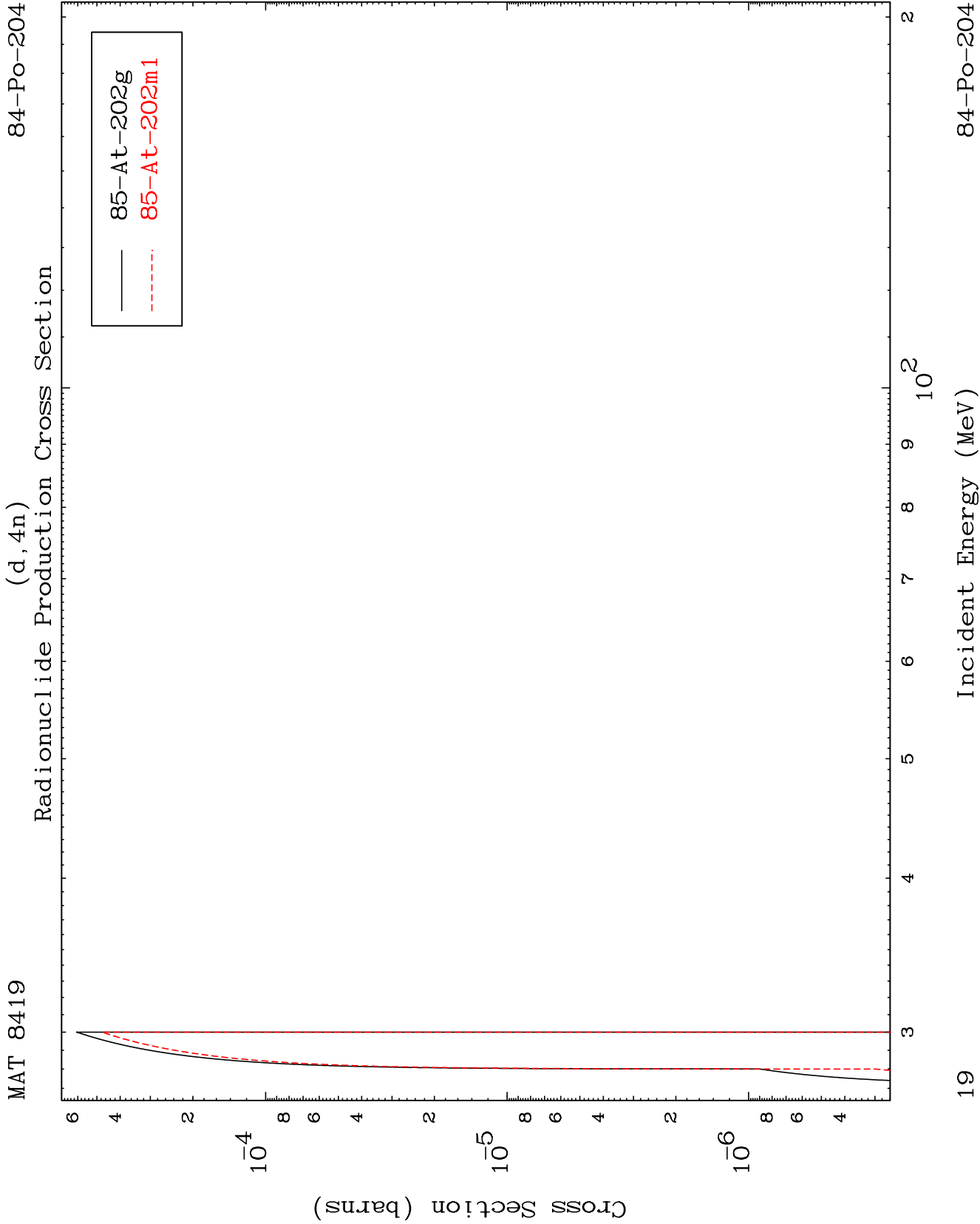
84-Po-204

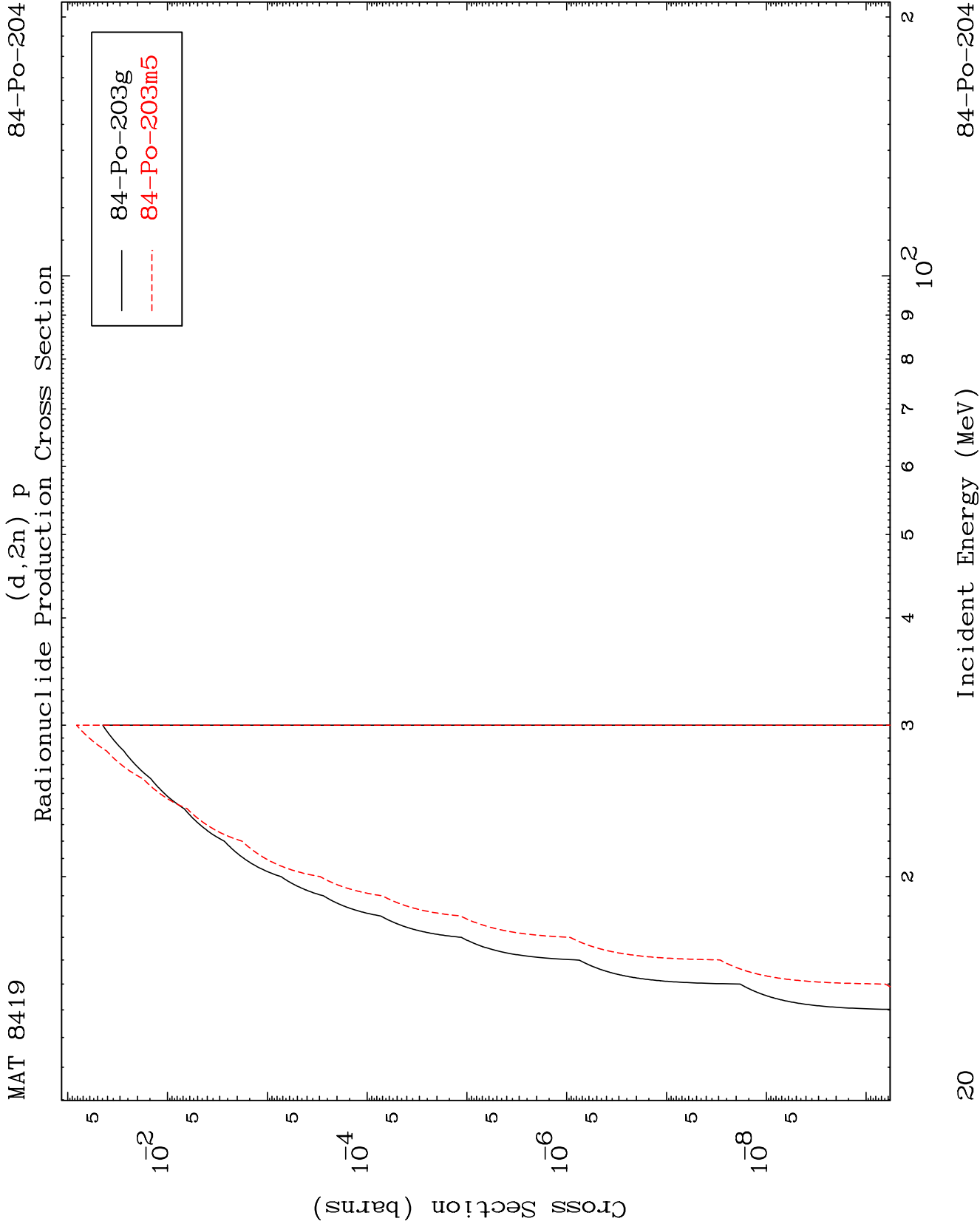
Radionuclide Production Cross Section
(d,n') d



84-Po-204

Incident Energy (MeV)

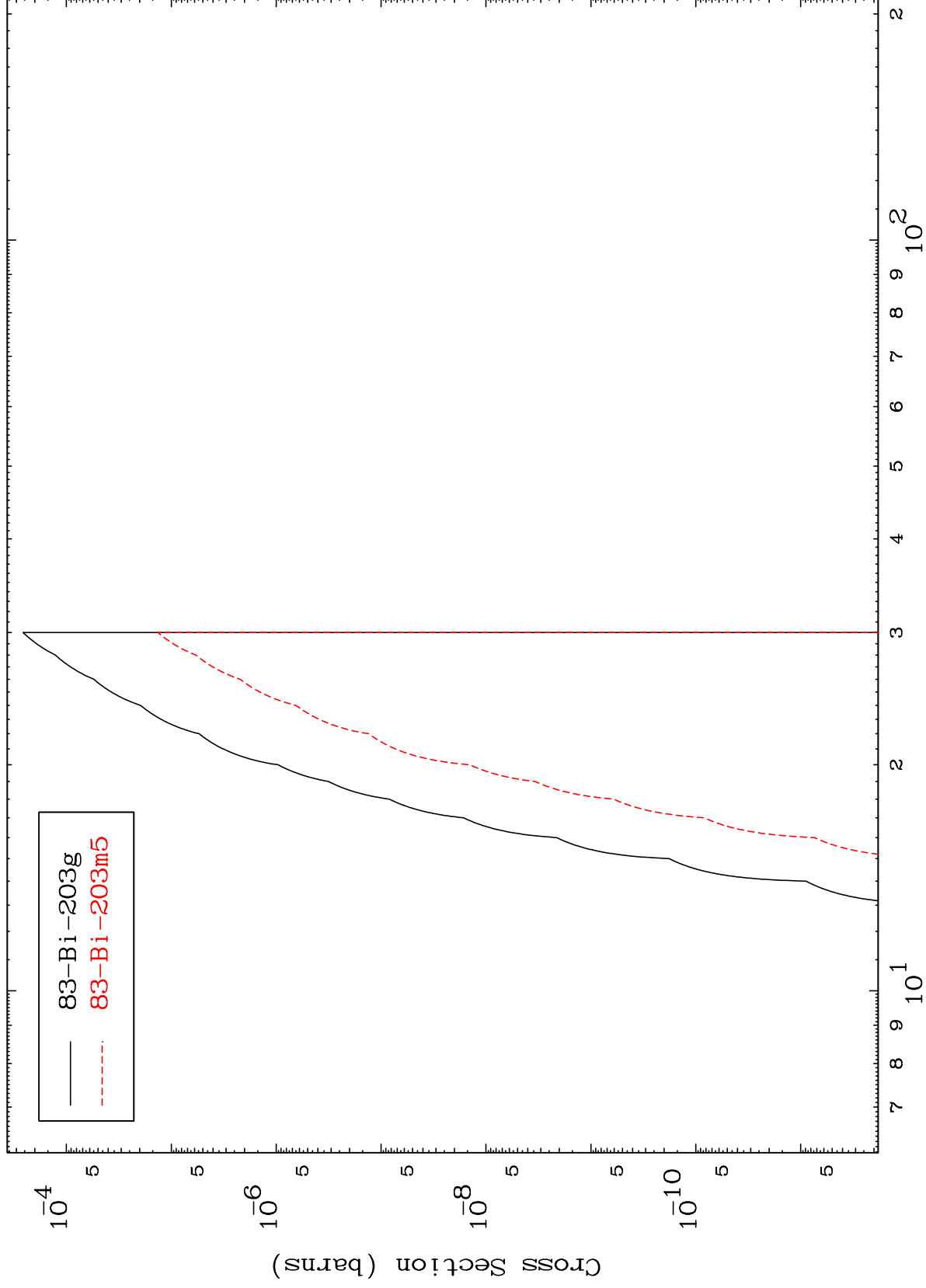




MAT 8419

84-Po-204

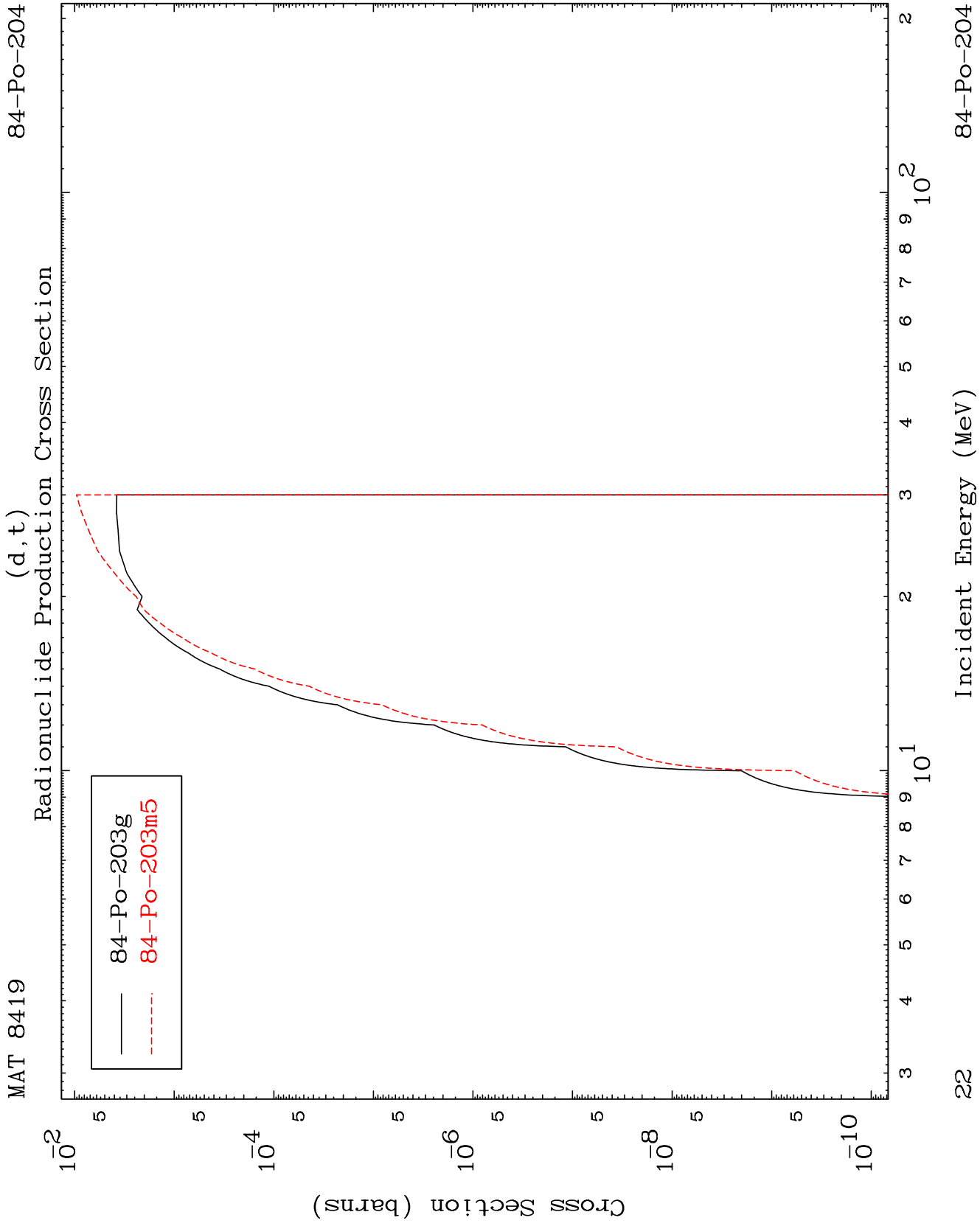
(d,2n) p
Radionuclide Production Cross Section



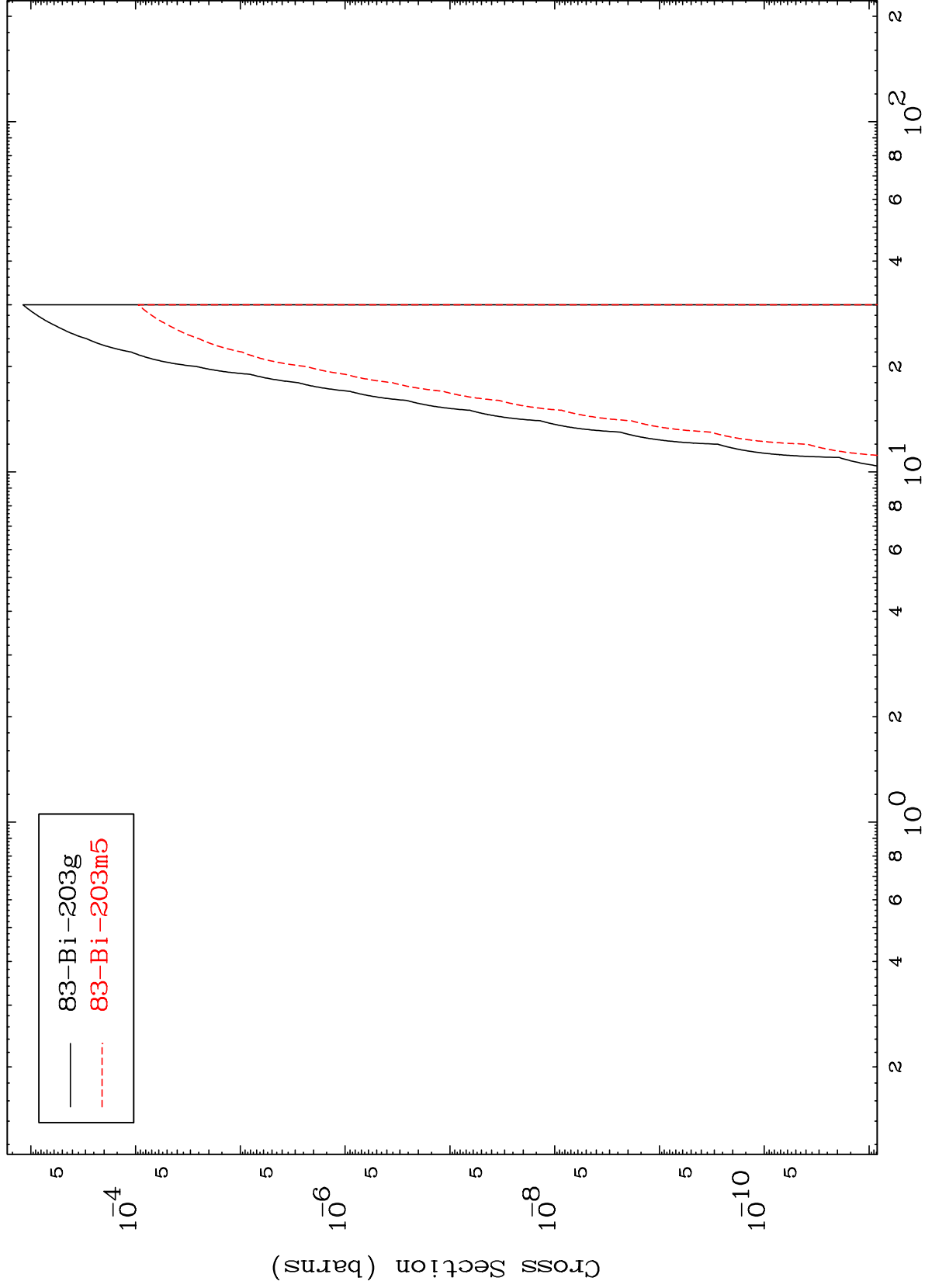
21

Incident Energy (MeV)

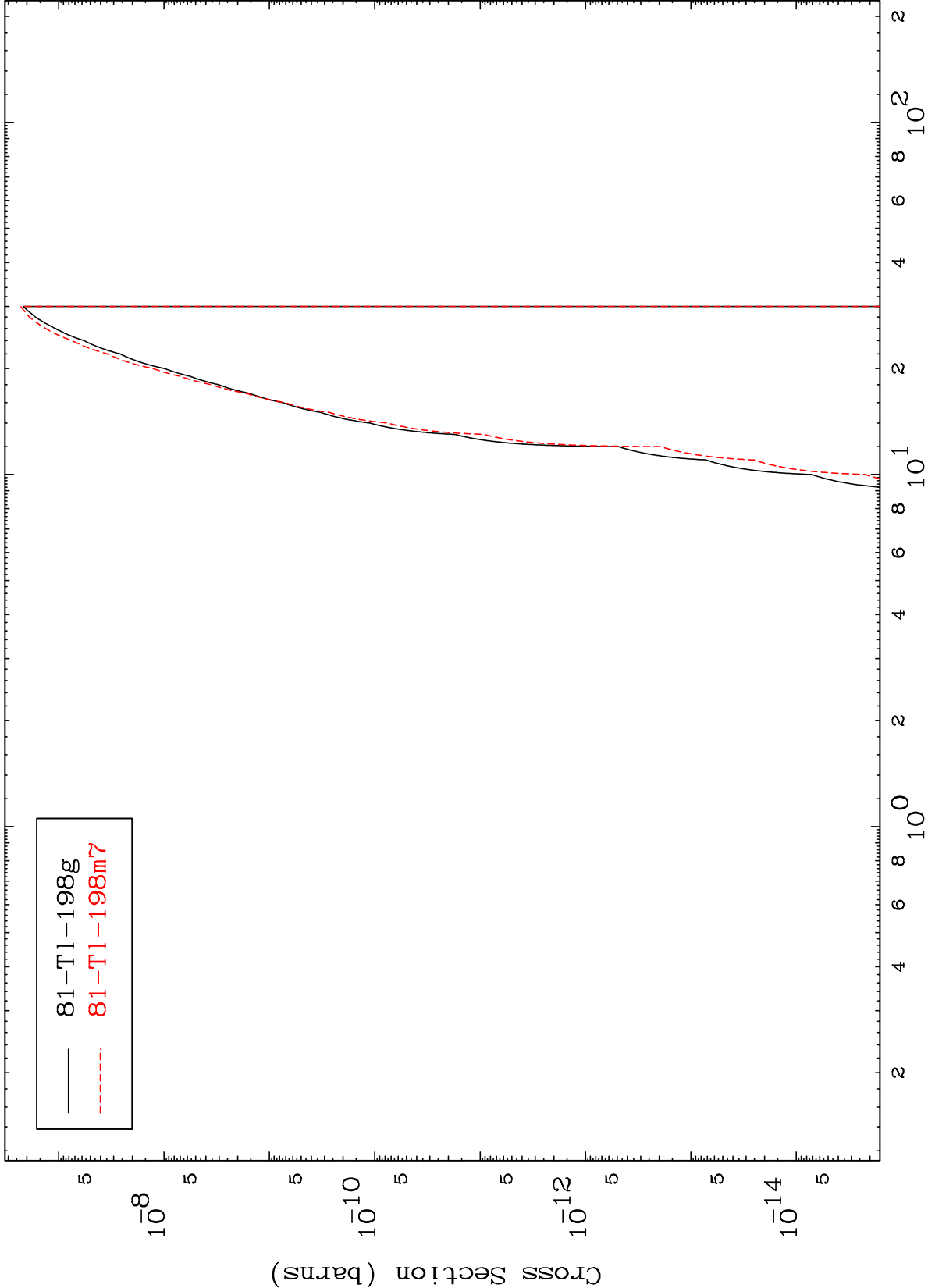
84-Po-204



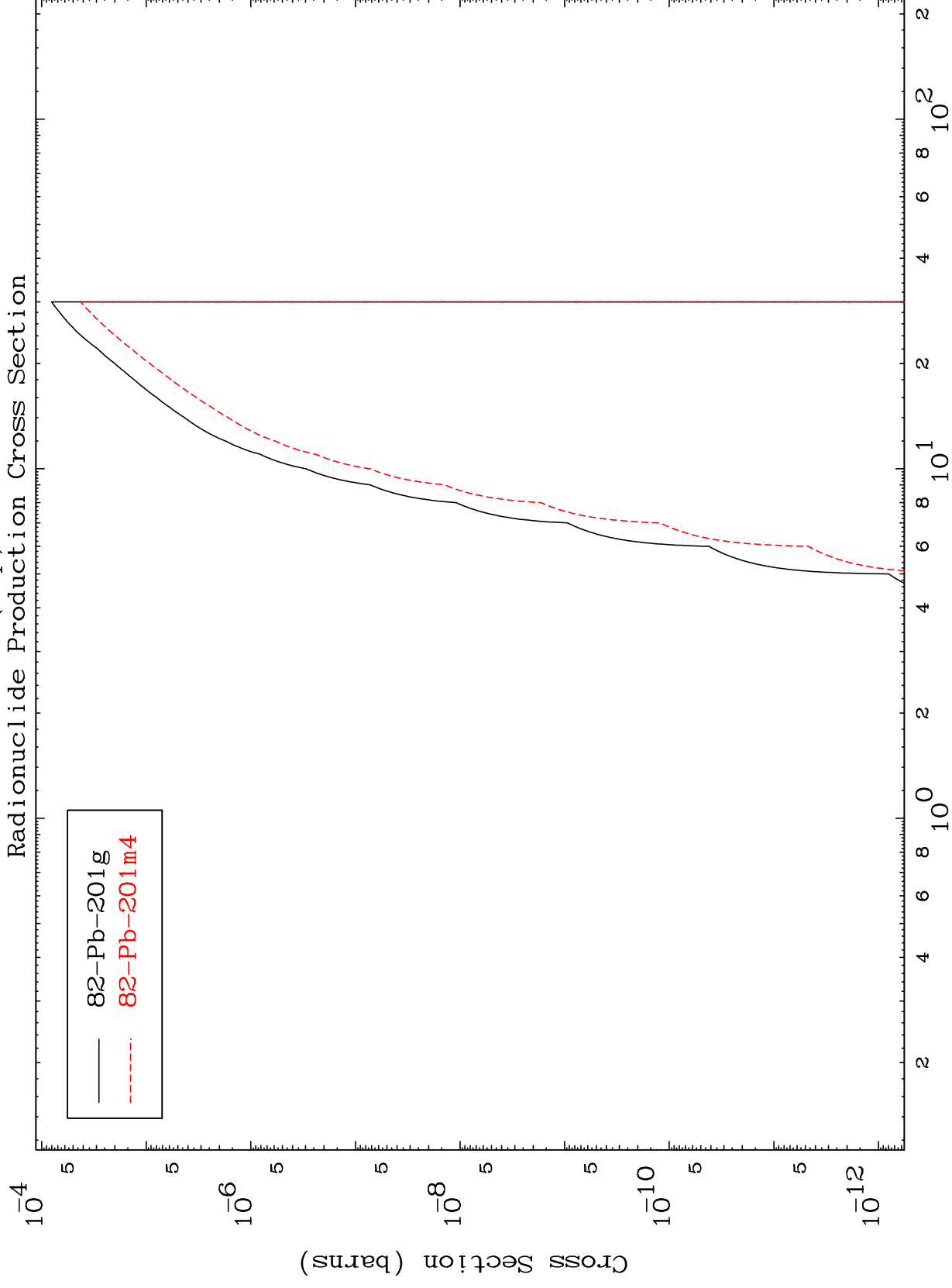
Radionuclide Production Cross Section
(d,He-3)



Radionuclide Production Cross Section
(d,2α)



(d, p) α Radionuclide Production Cross Section

 $(d, p) \propto$ 

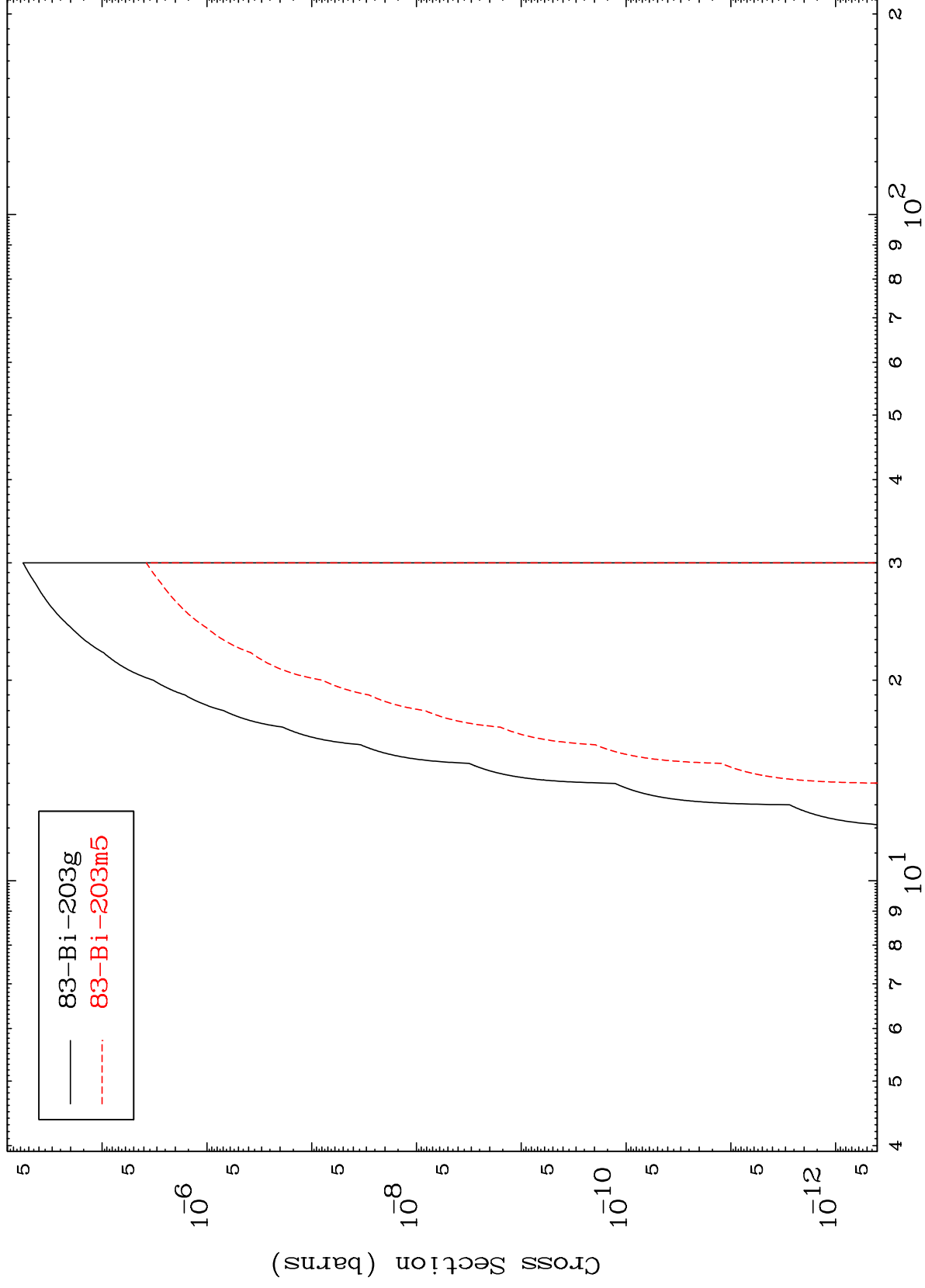
84-Po-204

Incident Energy (MeV)

MAT 8419

84-Po-204

(d,p) d
Radionuclide Production Cross Section



Incident Energy (MeV)

84-Po-204

26