

Program EVALPLOT
(Version 2017-1)

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

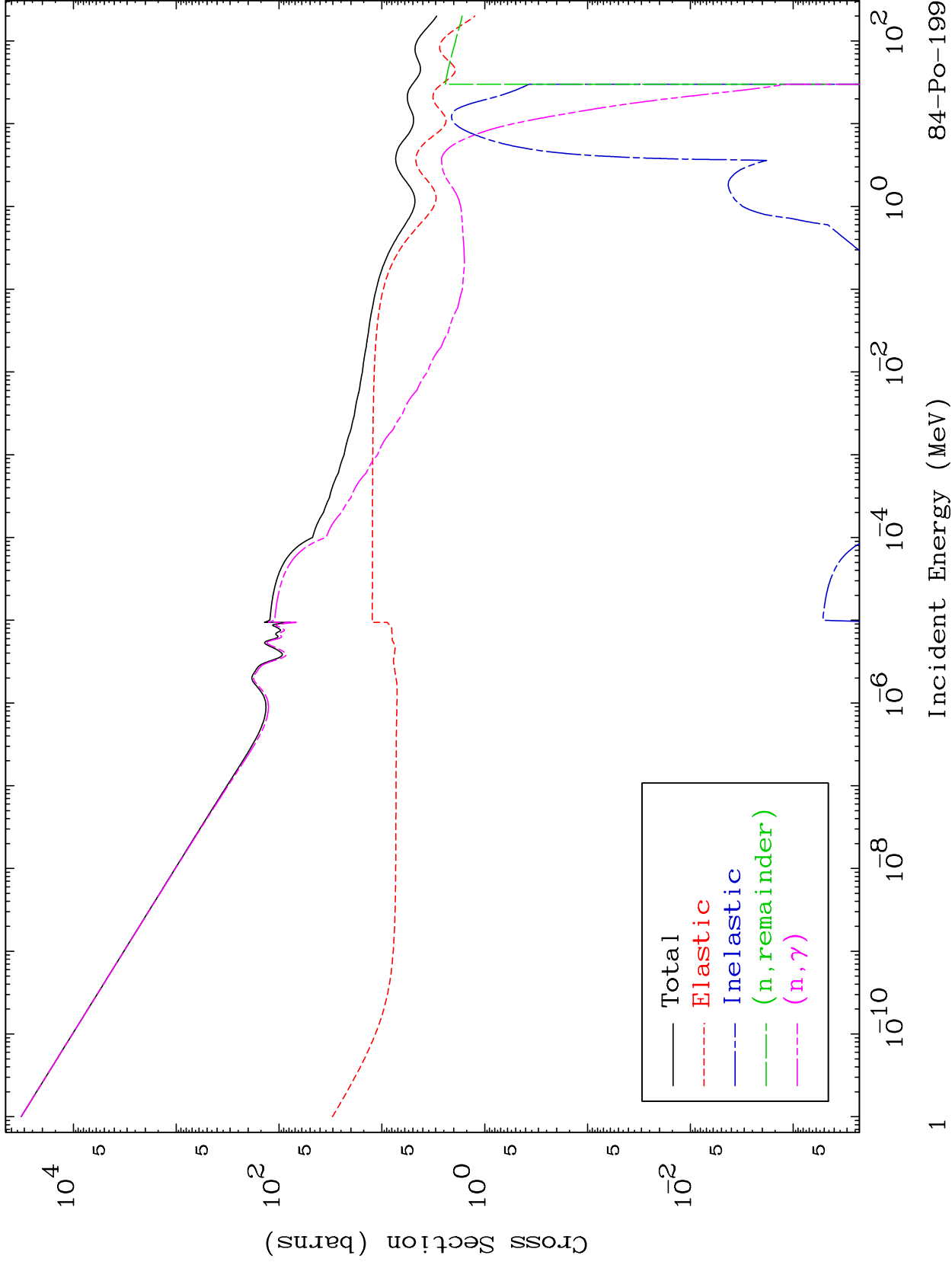
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8405

Major
293 Kelvin Cross Sections

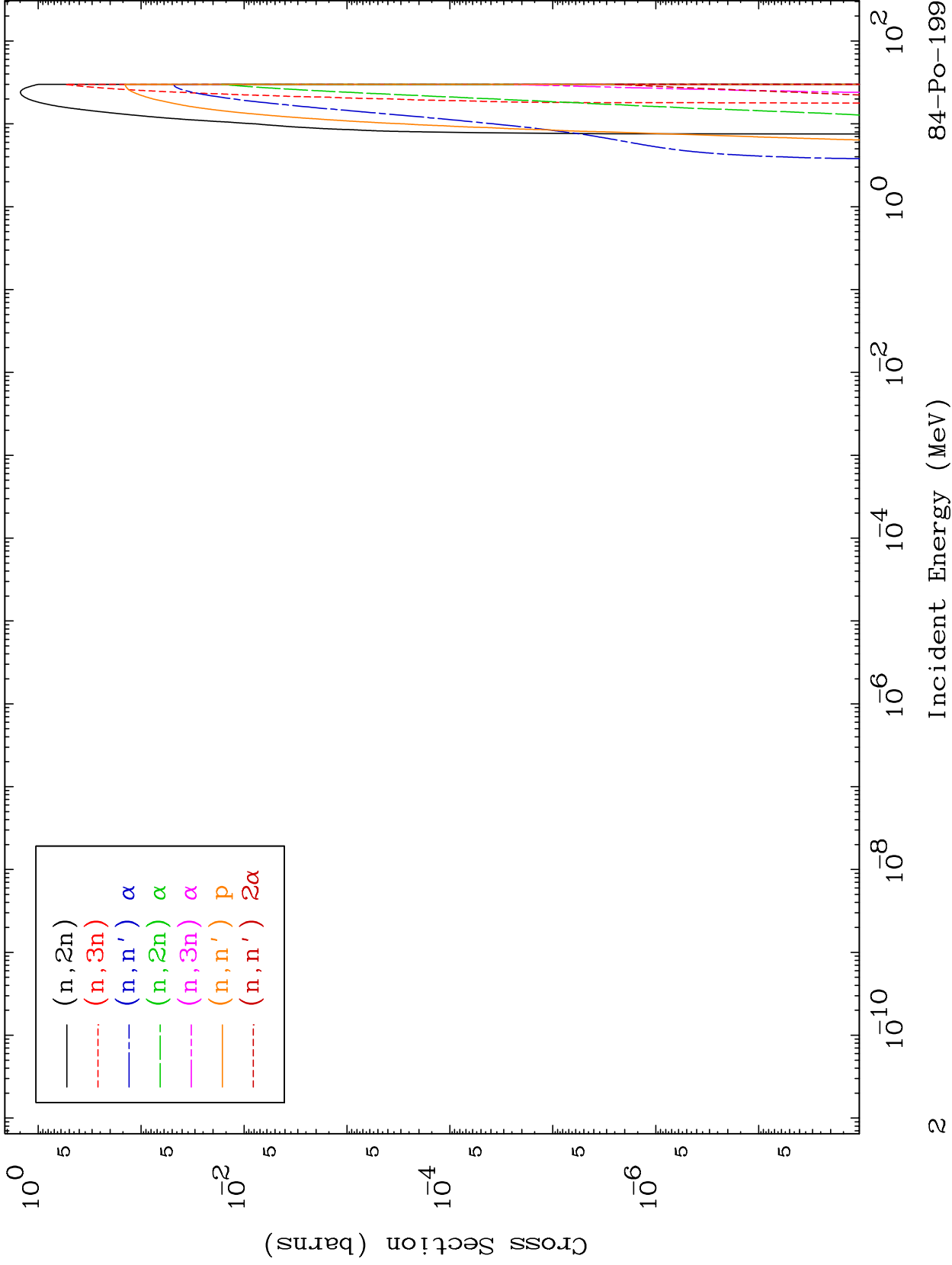
84-Po-199



MAT 8405

Neutron Production
293 Kelvin Cross Sections

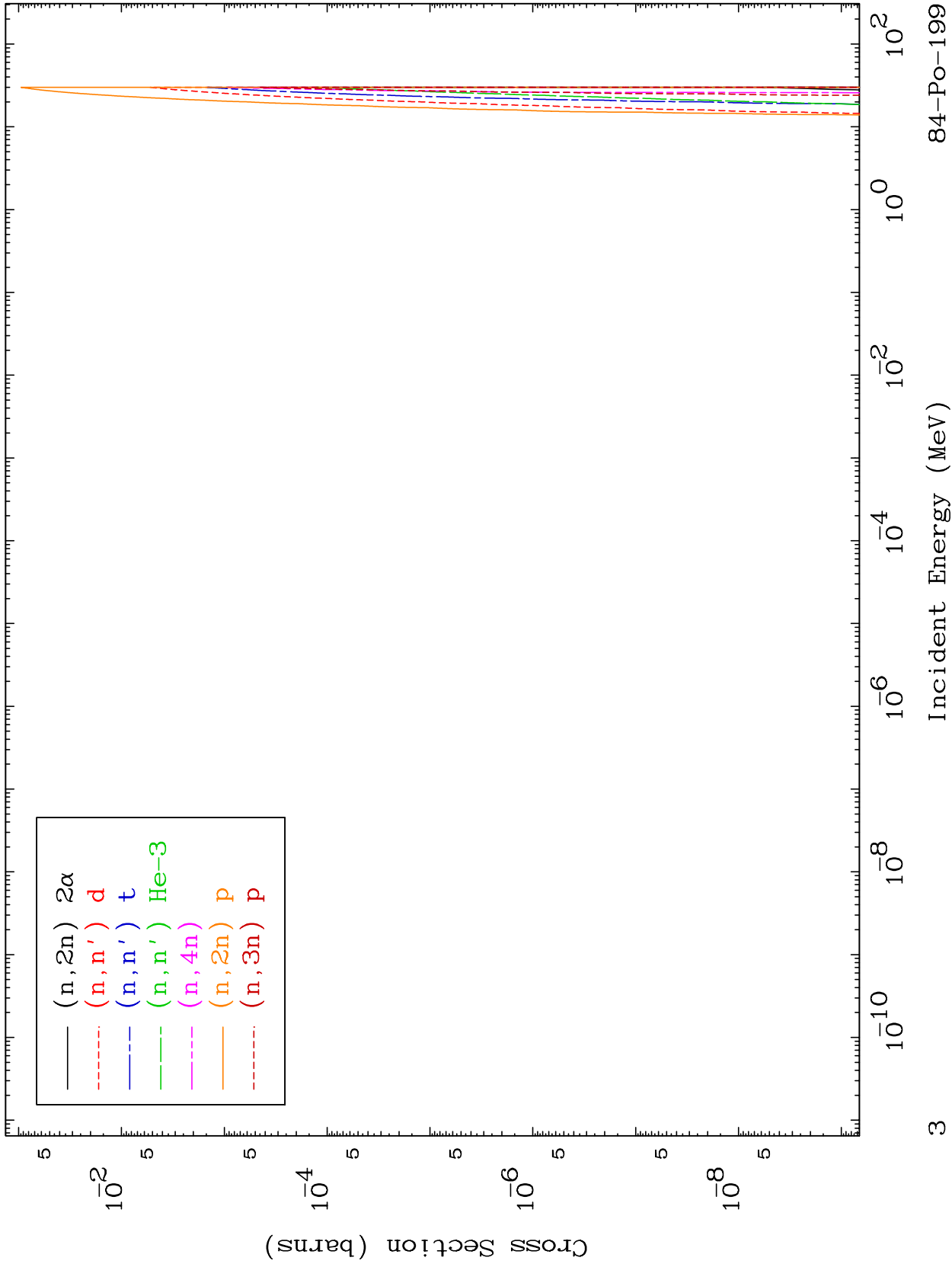
84-Po-199



MAT 8405

Neutron Production
293 Kelvin Cross Sections

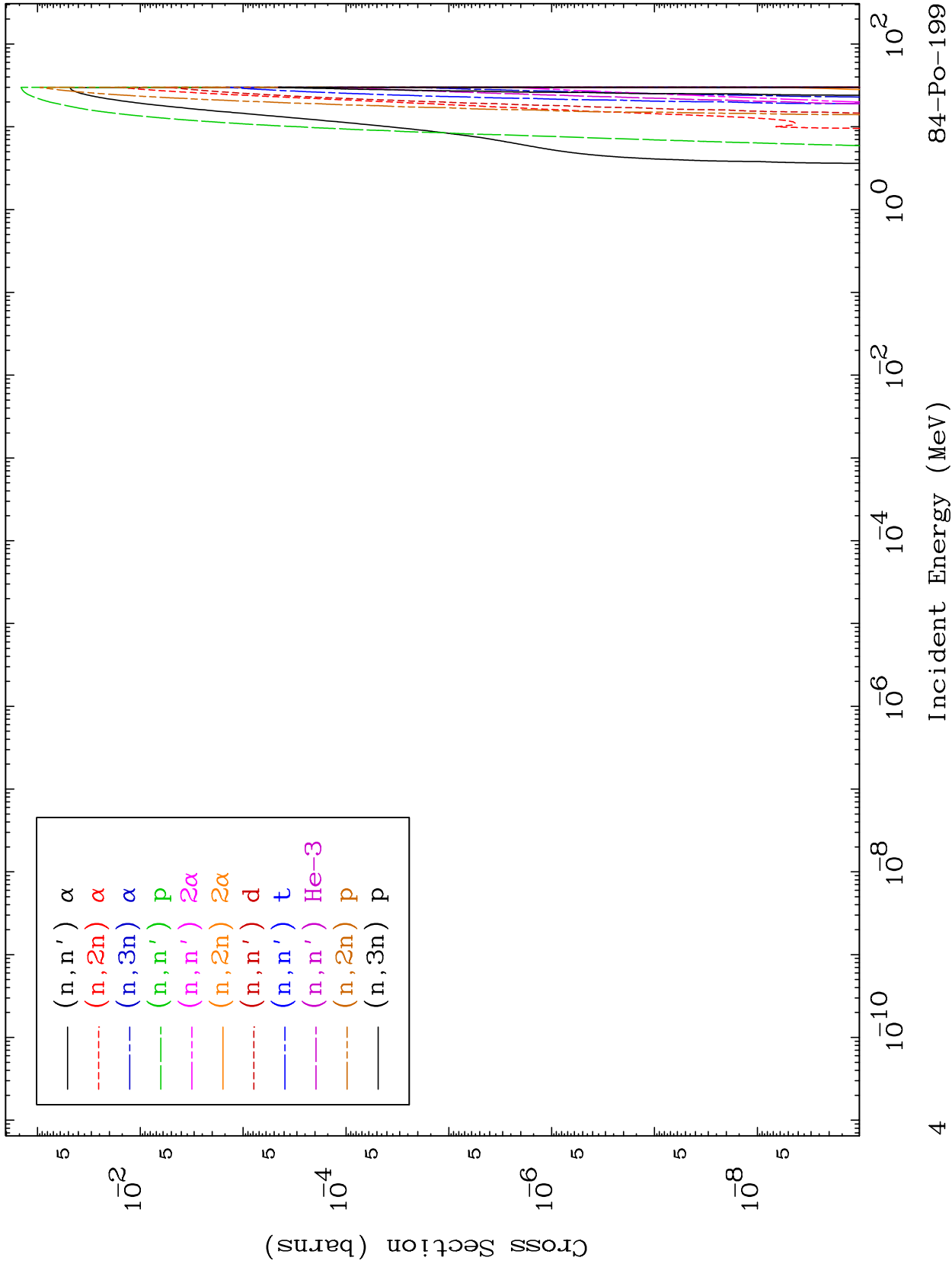
84-Po-199



MAT 8405

Charged Particle
293 Kelvin Cross Sections

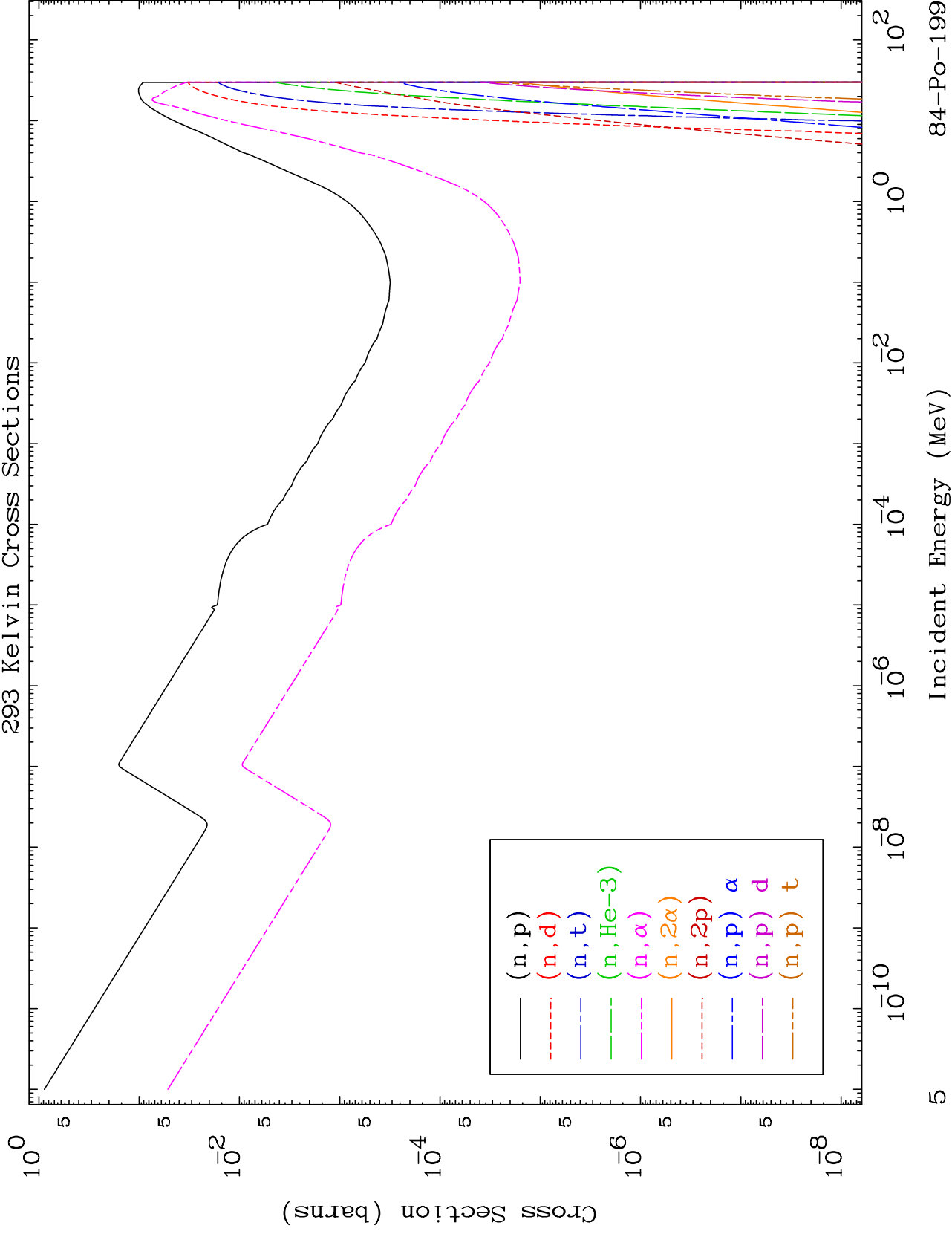
84-Po-199

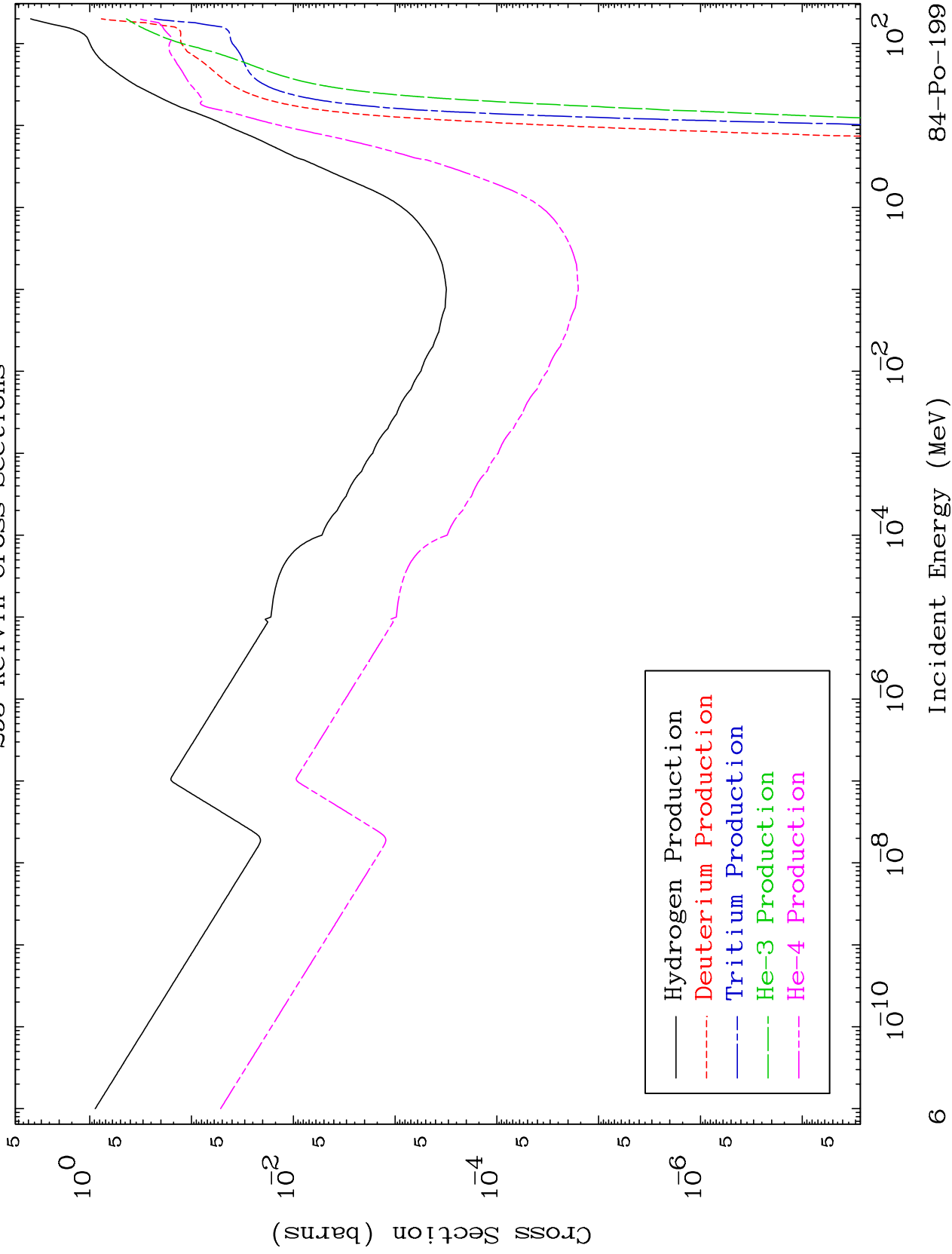


MAT 8405

Charged Particle
293 Kelvin Cross Sections

84-Po-199



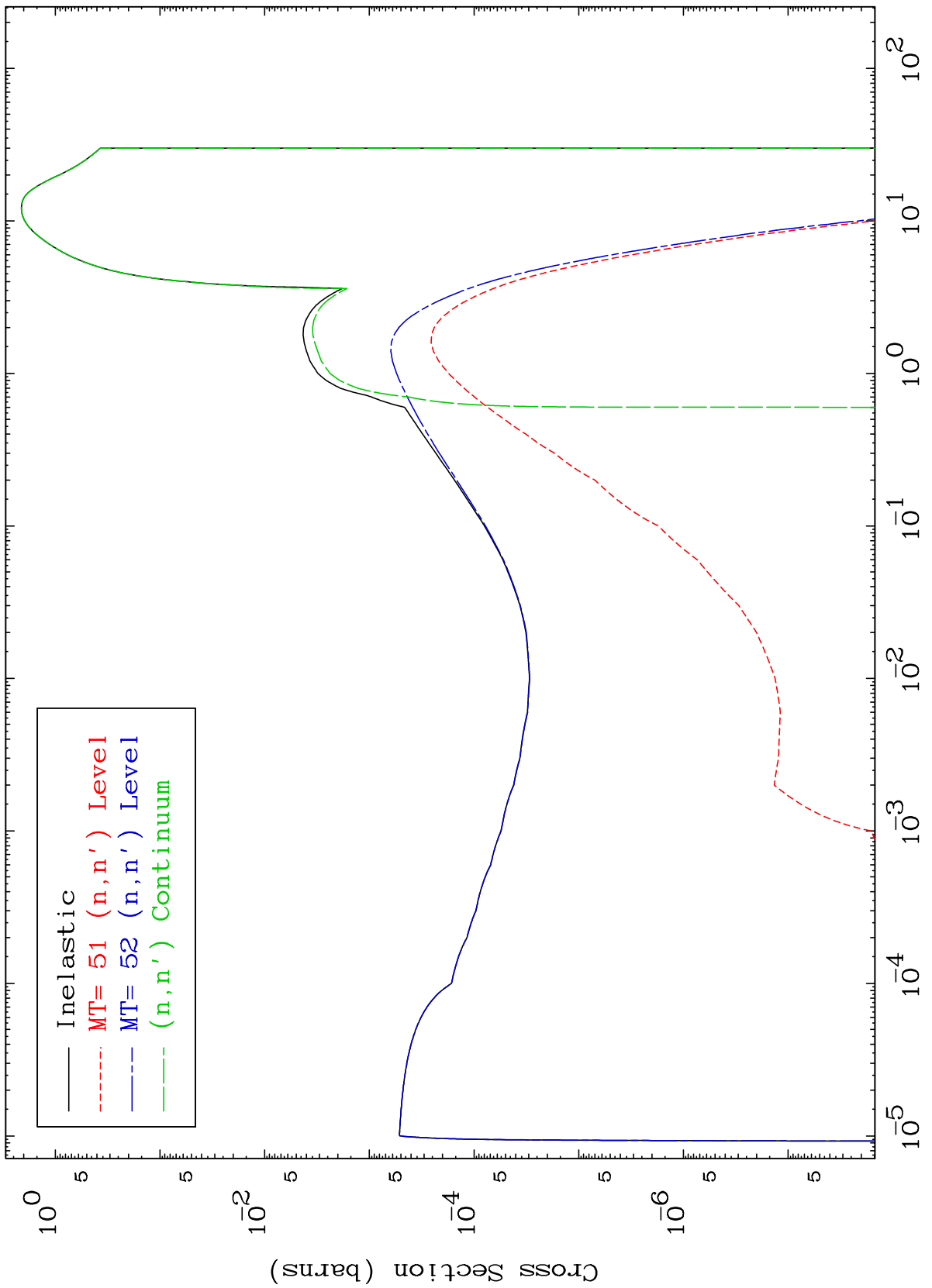


MAT 8405

(n,n') Level

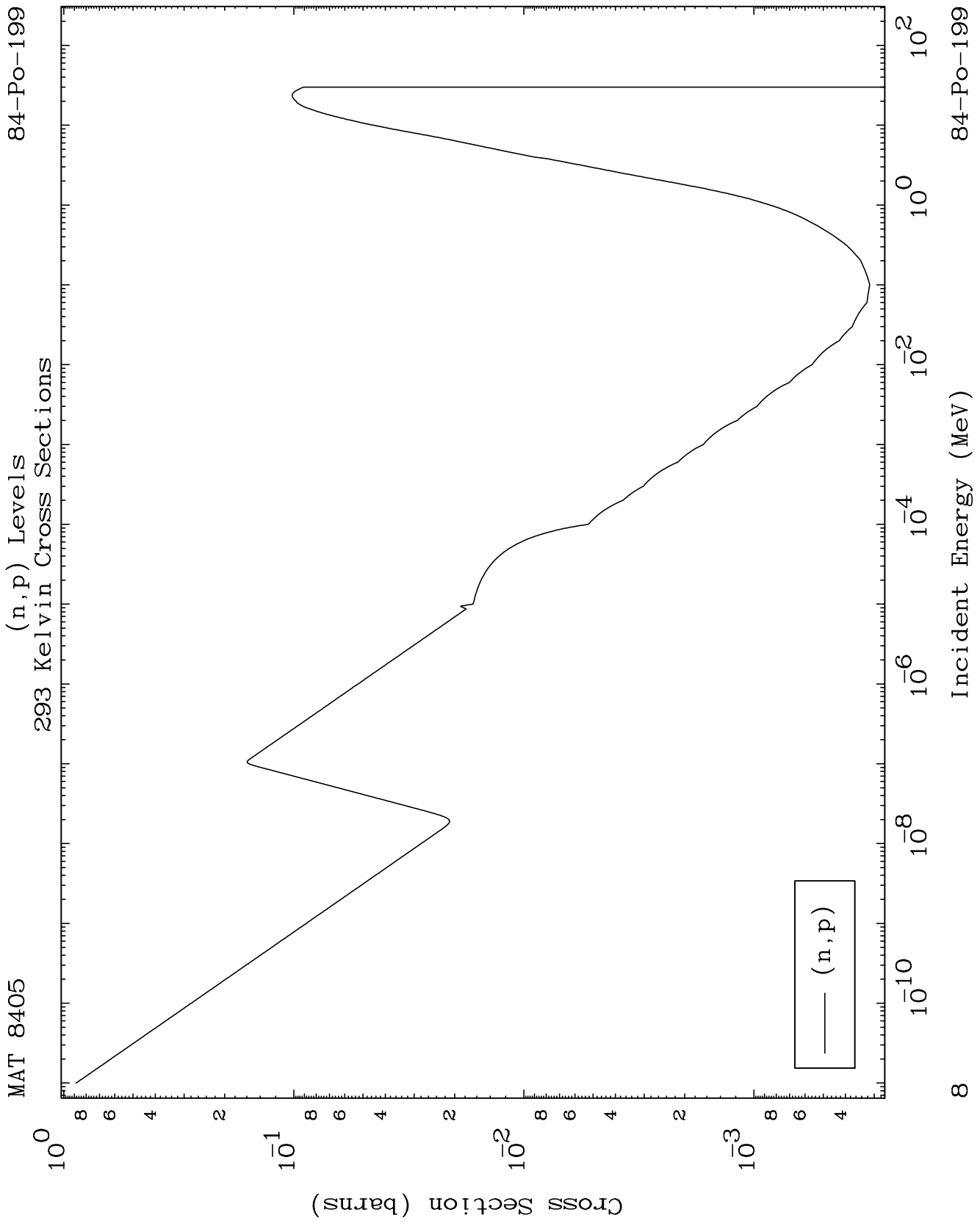
84-Po-199

293 Kelvin Cross Sections



Incident Energy (MeV)

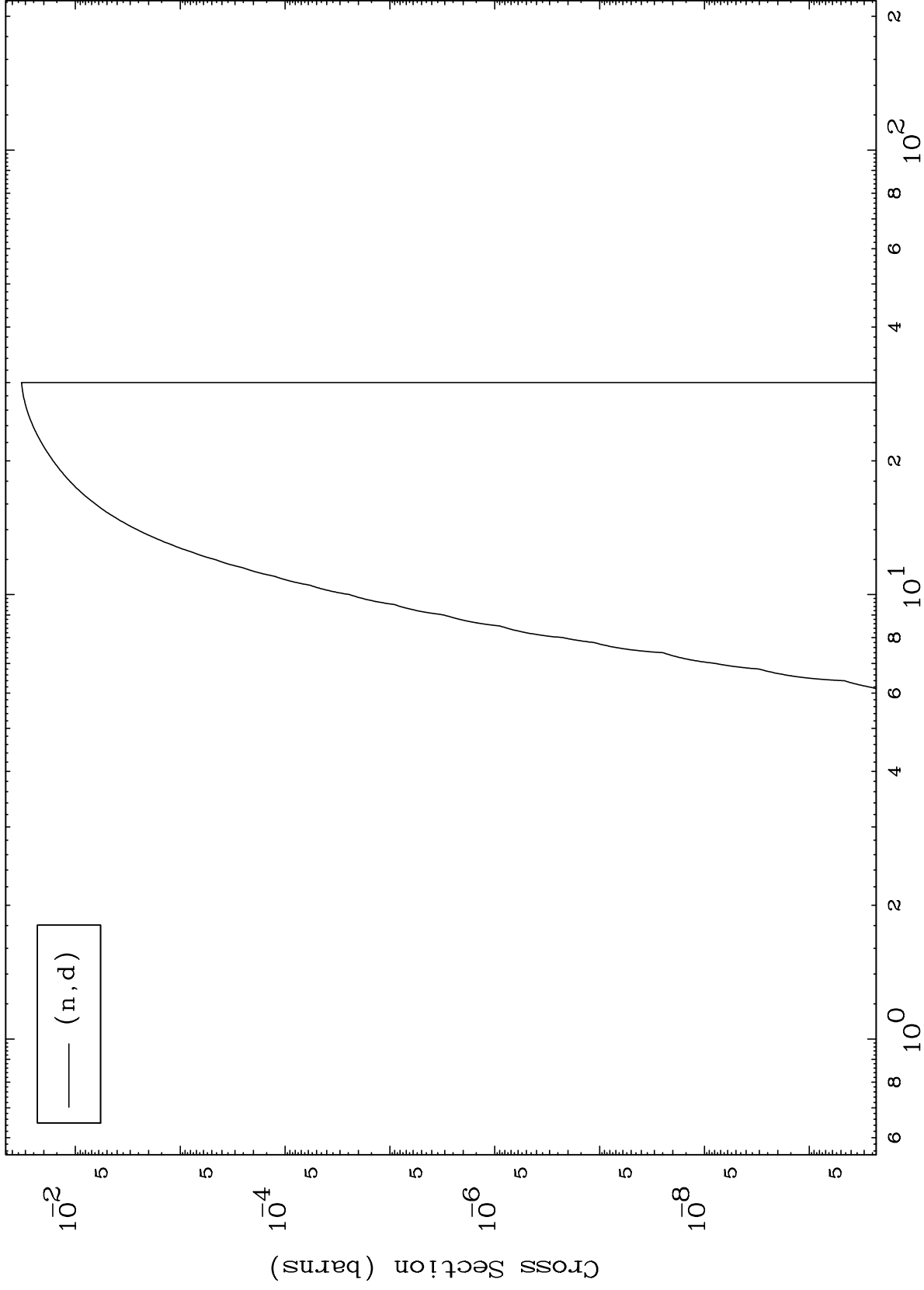
84-Po-199



MAT 8405

(n,d) Levels
293 Kelvin Cross Sections

84-Po-199



9

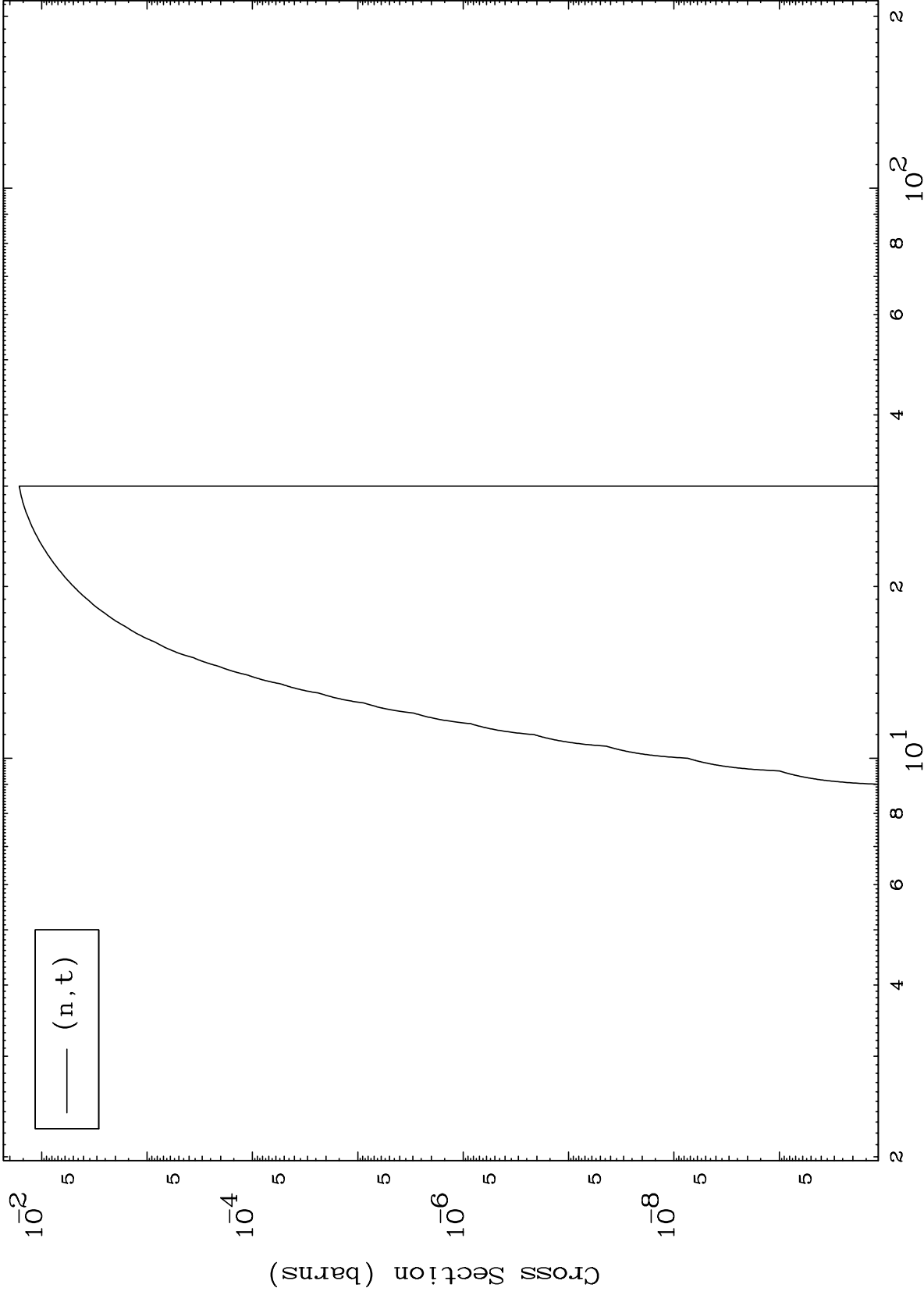
Incident Energy (MeV)

84-Po-199

MAT 8405

(n,t) Levels
293 Kelvin Cross Sections

84-Po-199



10

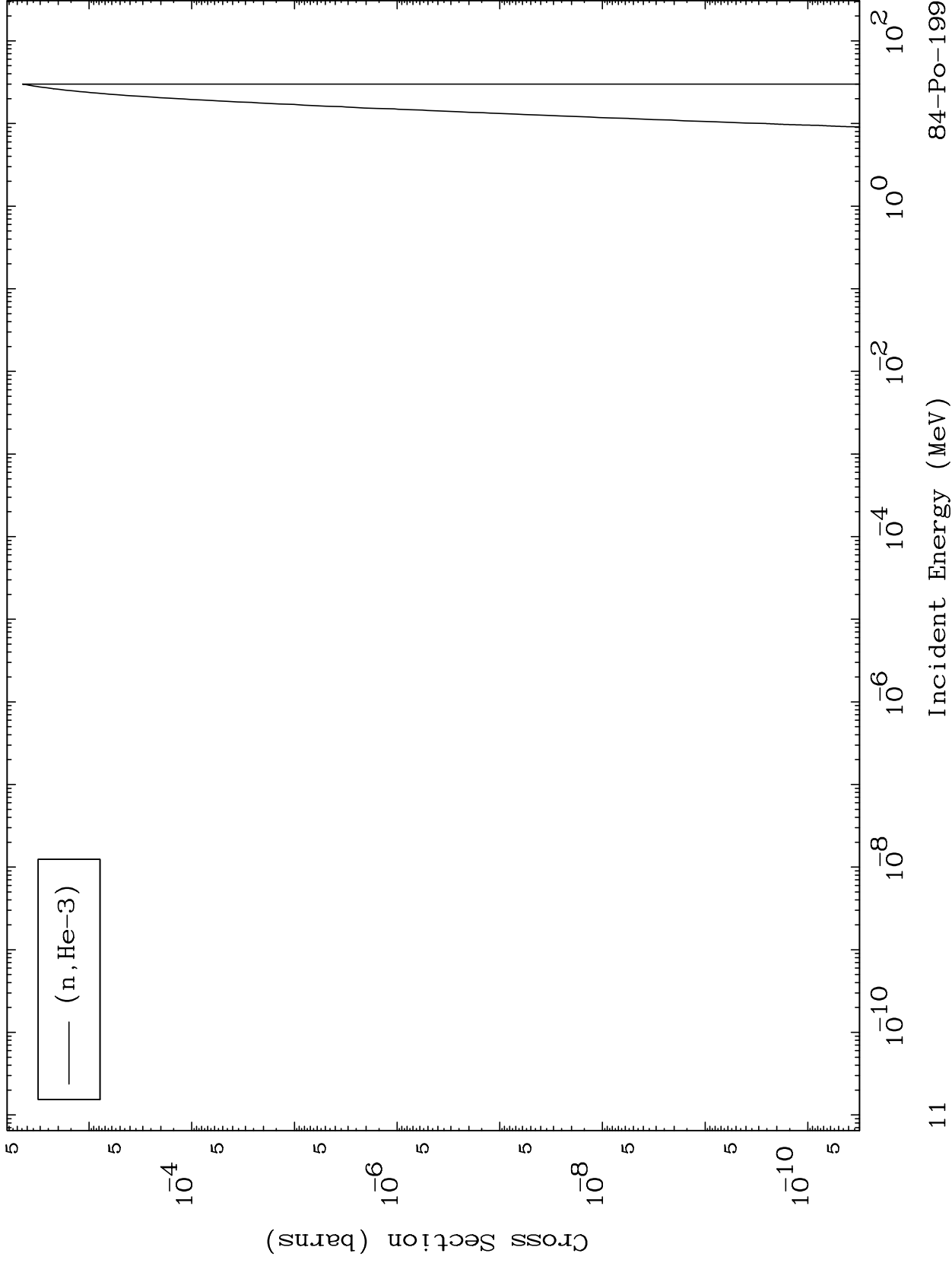
Incident Energy (MeV)

84-Po-199

MAT 8405

(n,He3) Levels
293 Kelvin Cross Sections

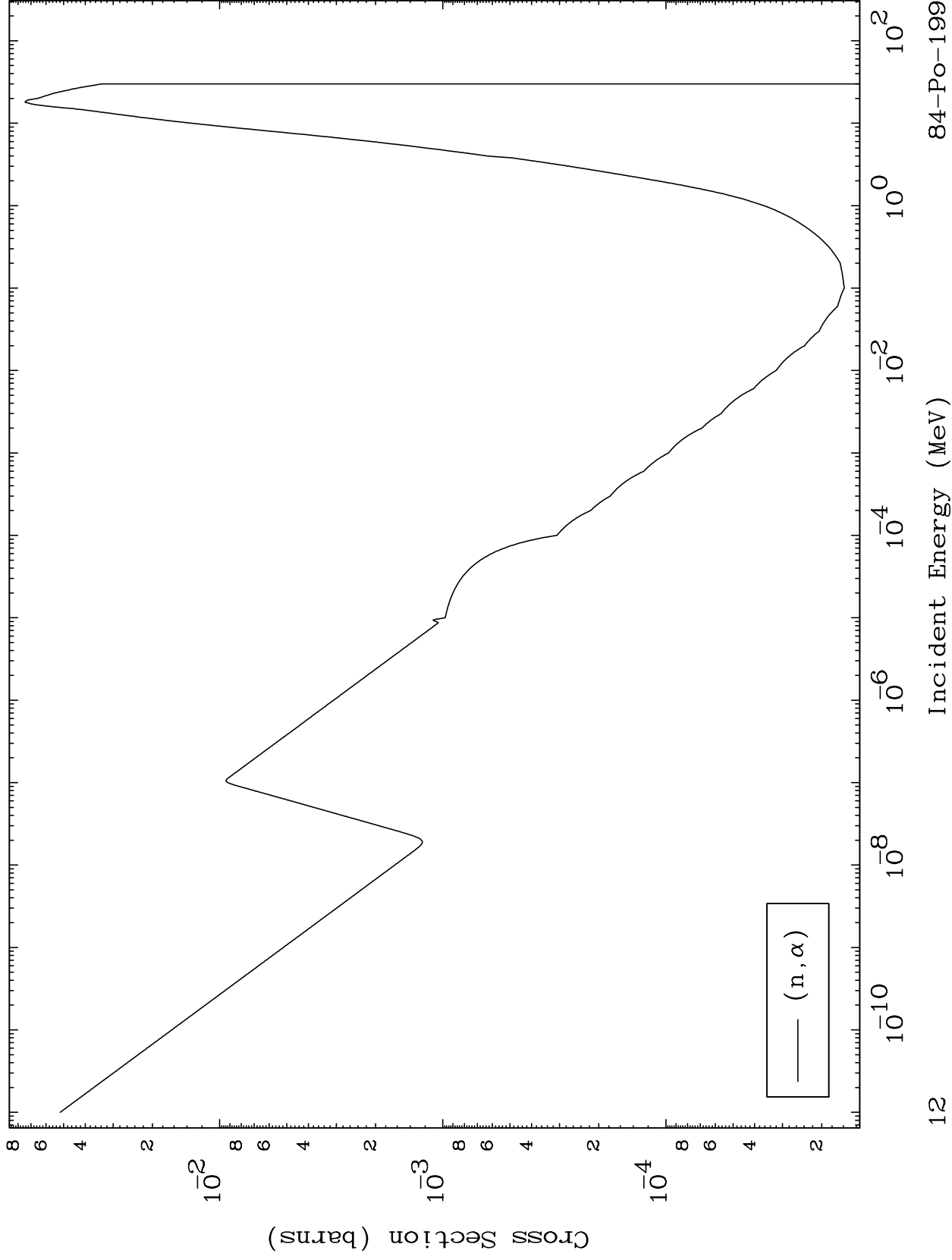
84-Po-199



MAT 8405

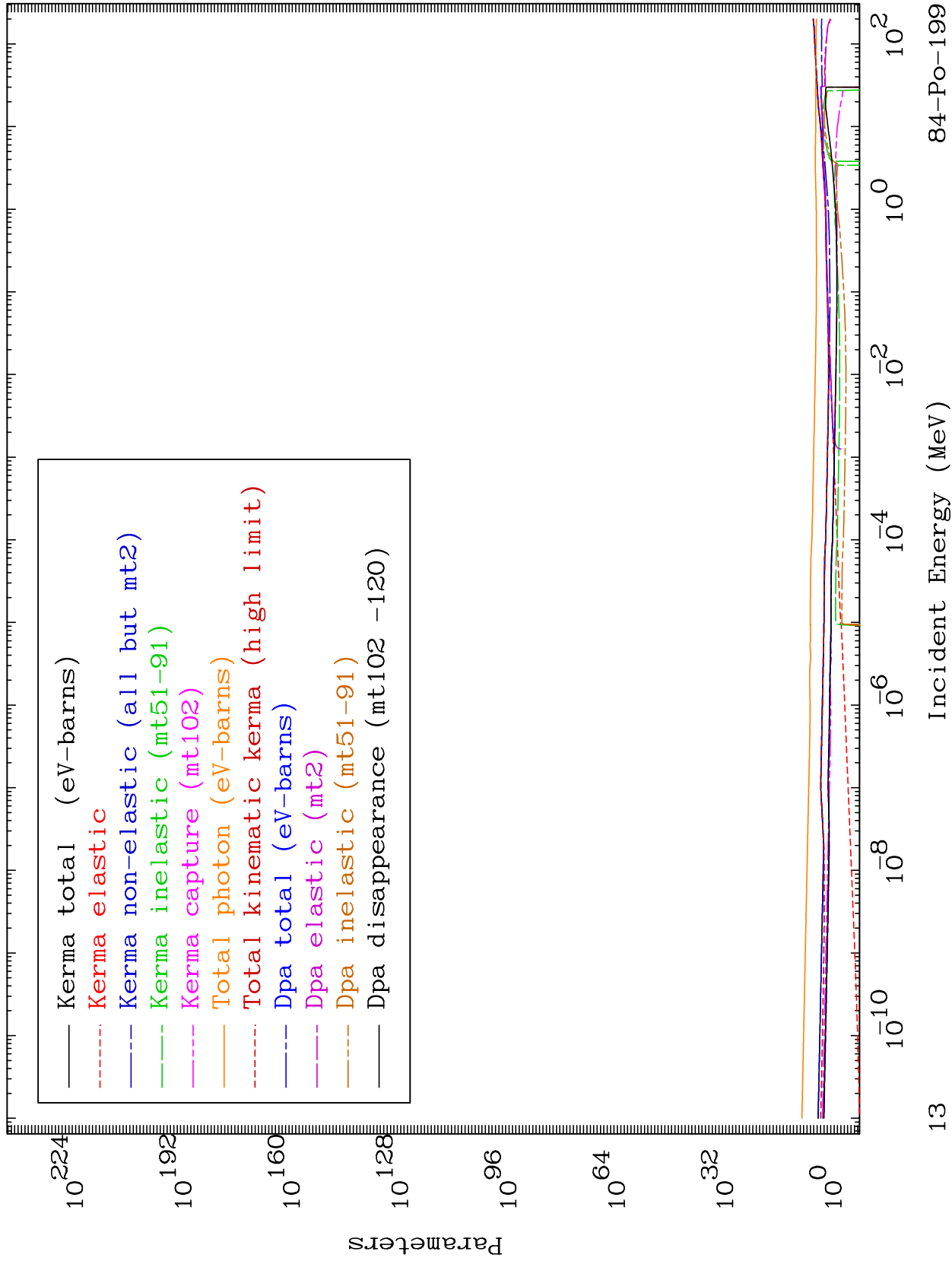
(n, α) Levels
293 Kelvin Cross Sections

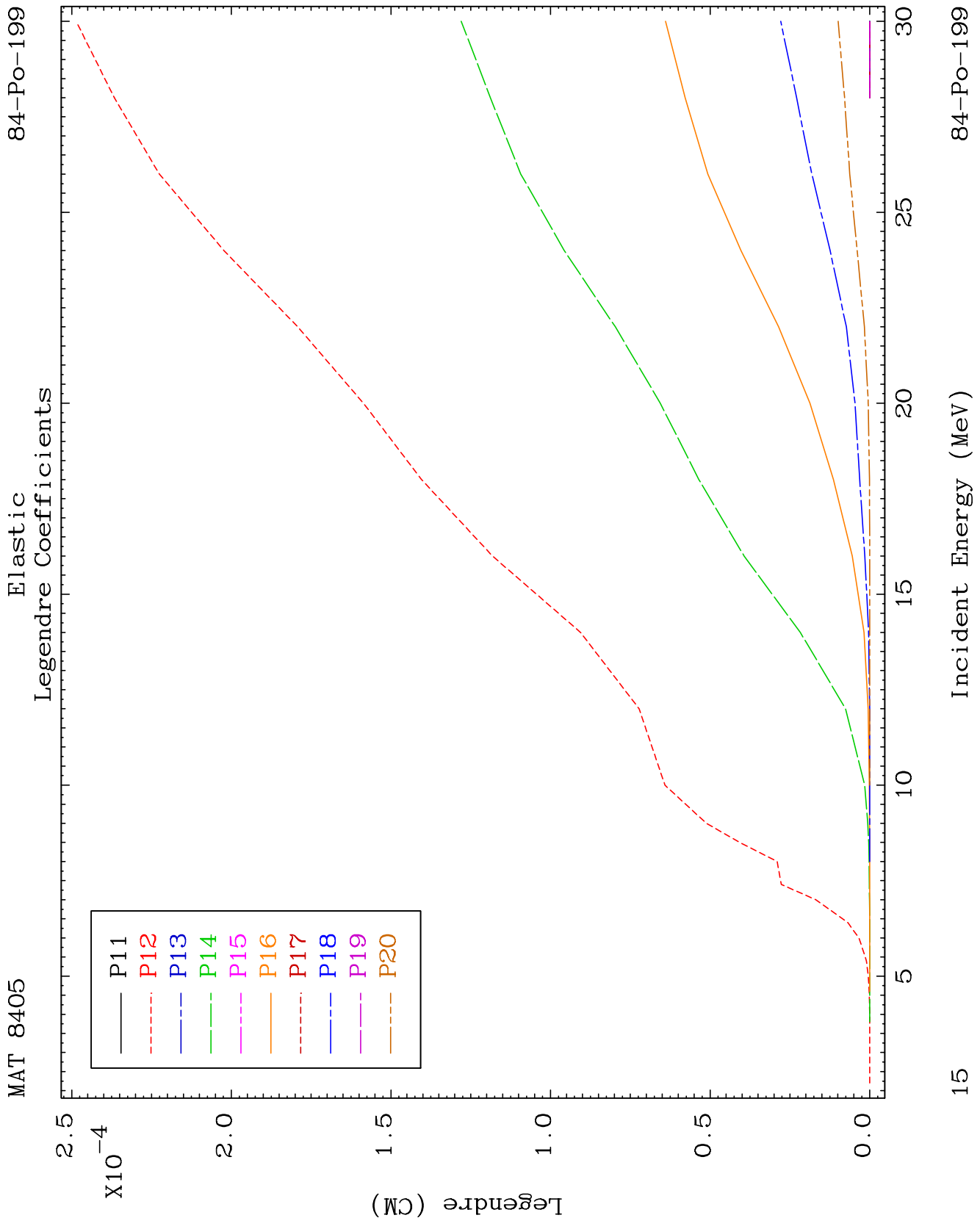
84-Po-199



12

84-Po-199

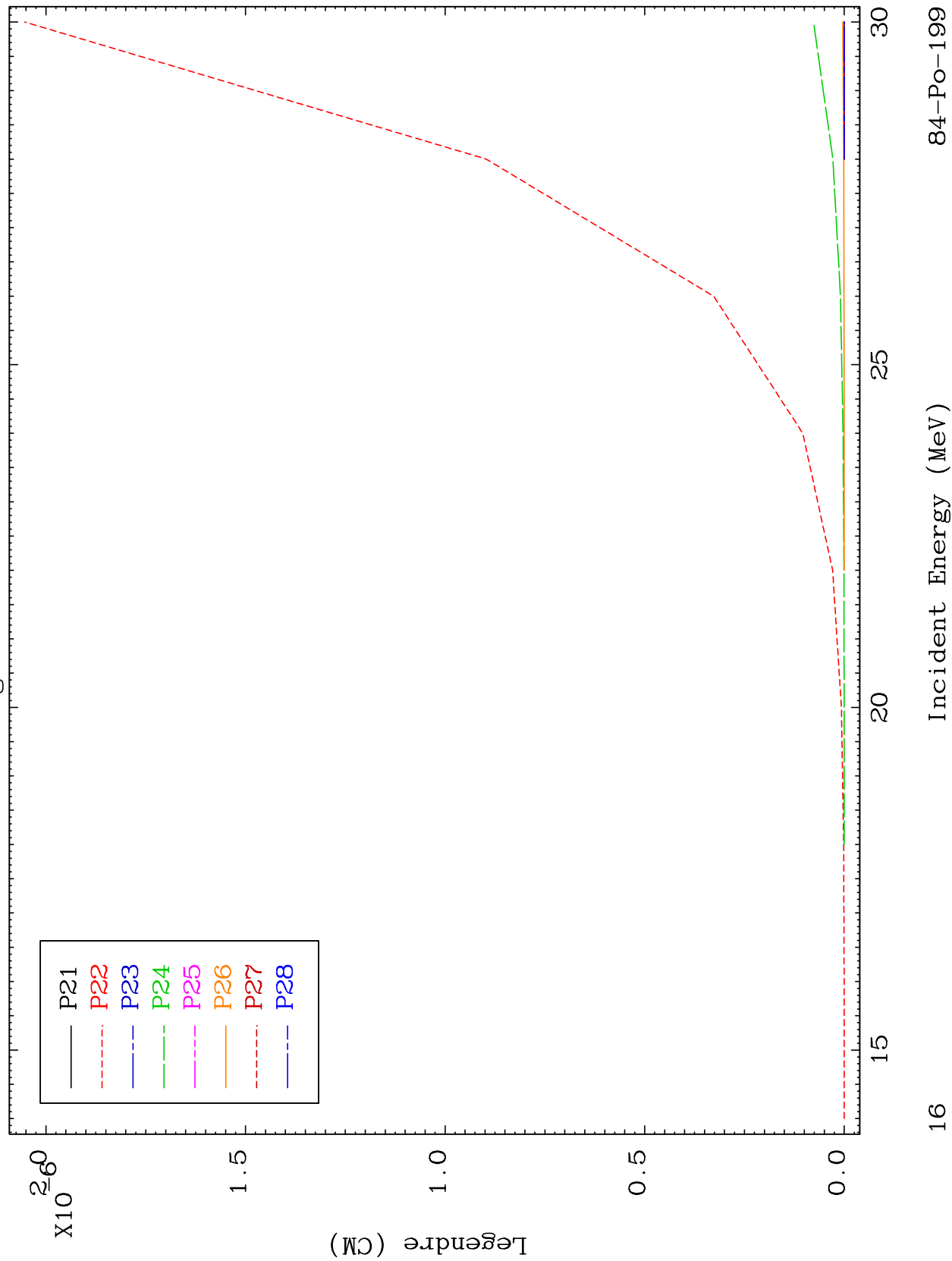




MAT 8405

Elastic
Legendre Coefficients

84-Po-199



16

Incident Energy (MeV)

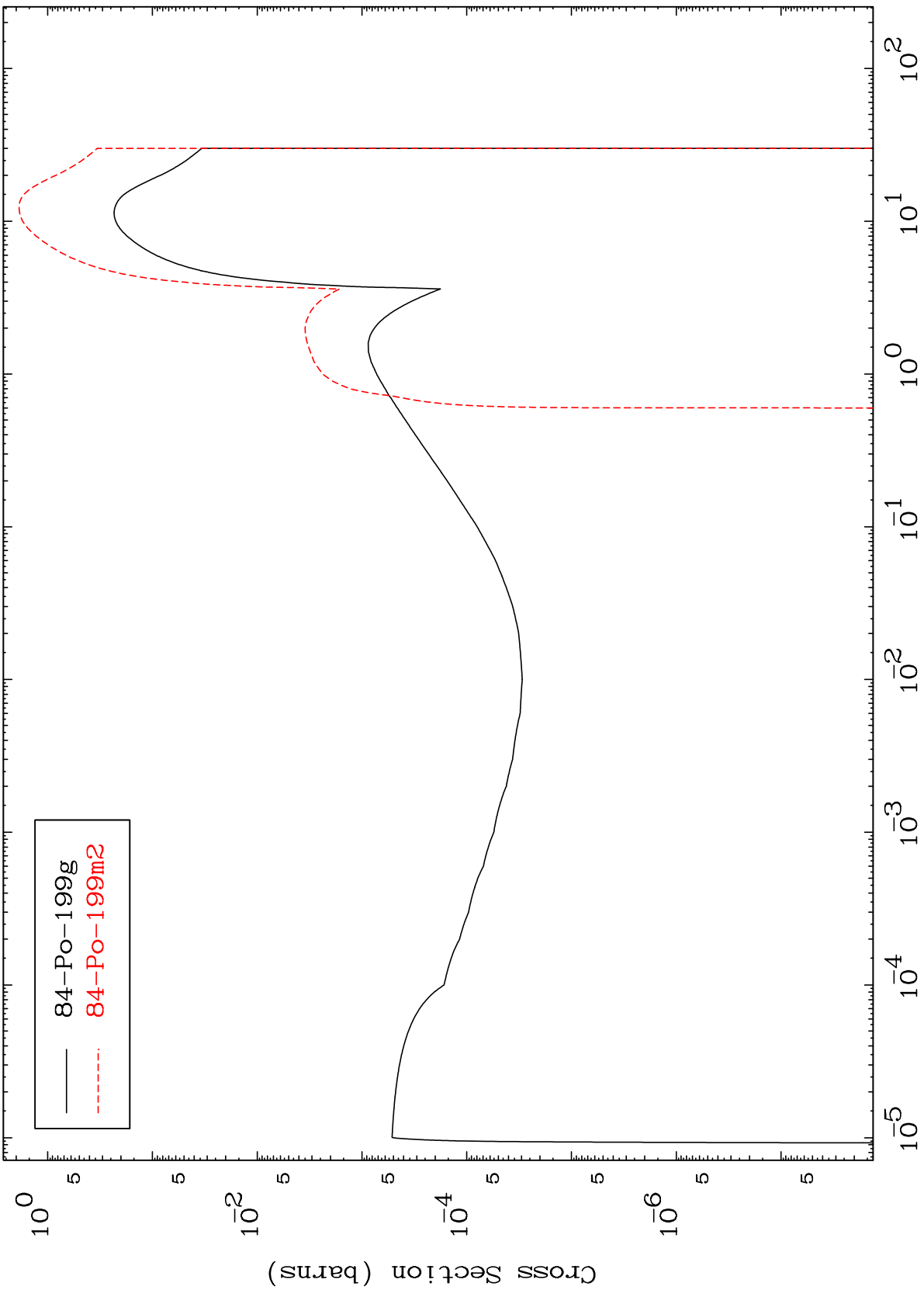
84-Po-199

MAT 8405

Inelastic

84-Po-199

Radionuclide Production Cross Section



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

Incident Energy (MeV)

84-Po-199

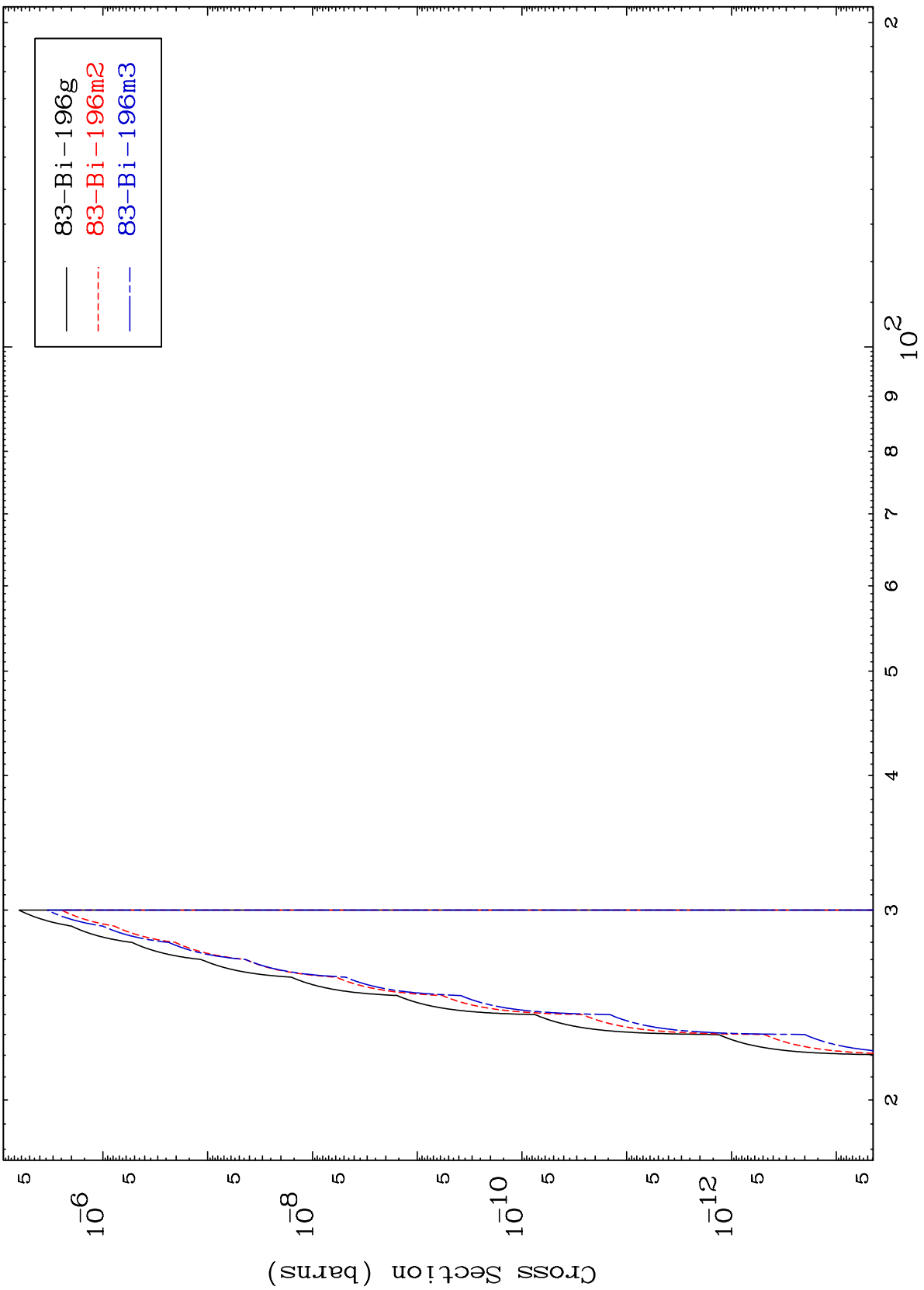
17

MAT 8405

(n,2n) d

84-Po-199

Radionuclide Production Cross Section

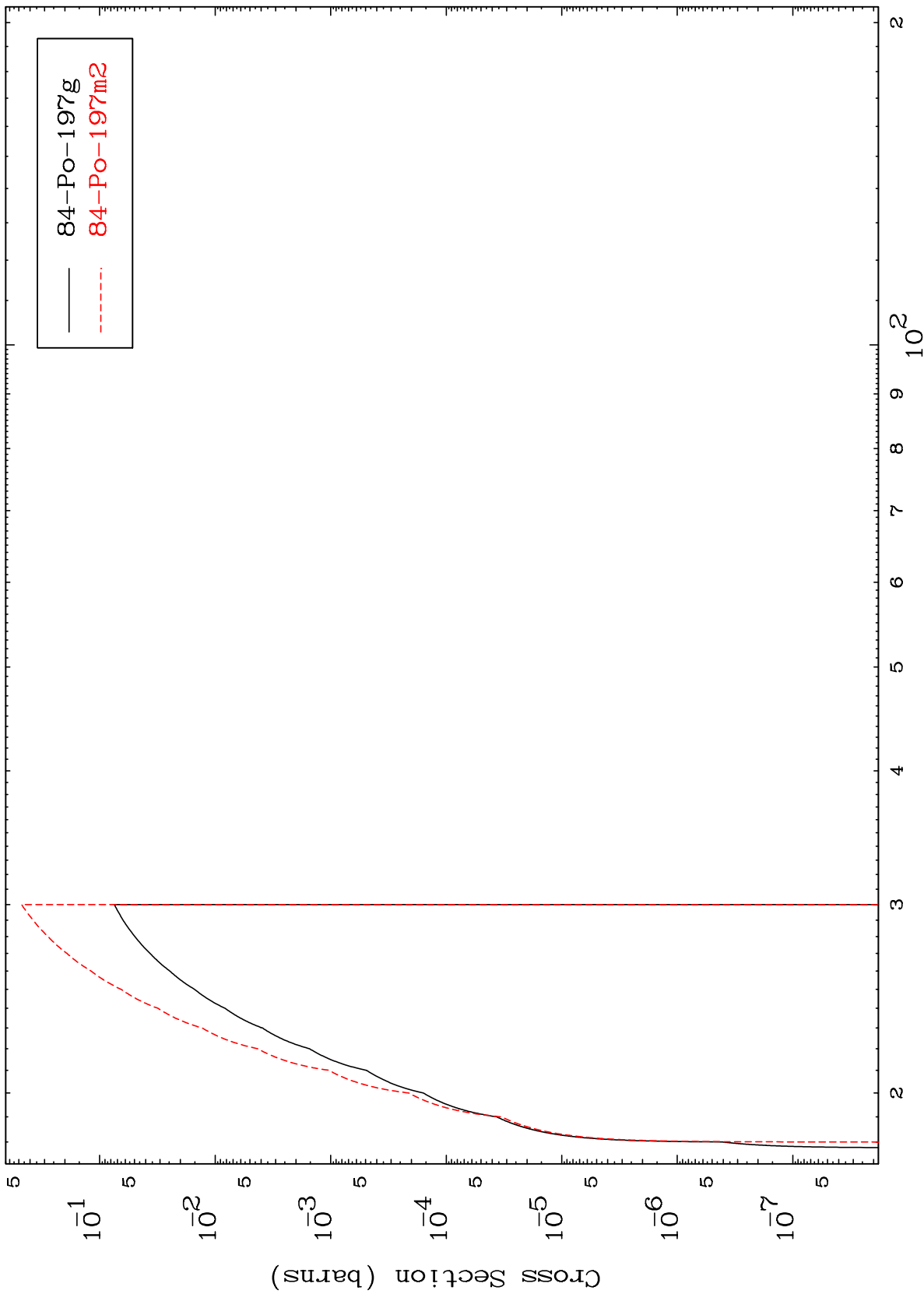


18

Incident Energy (MeV)

84-Po-199

(n,3n)
Radionuclide Production Cross Section

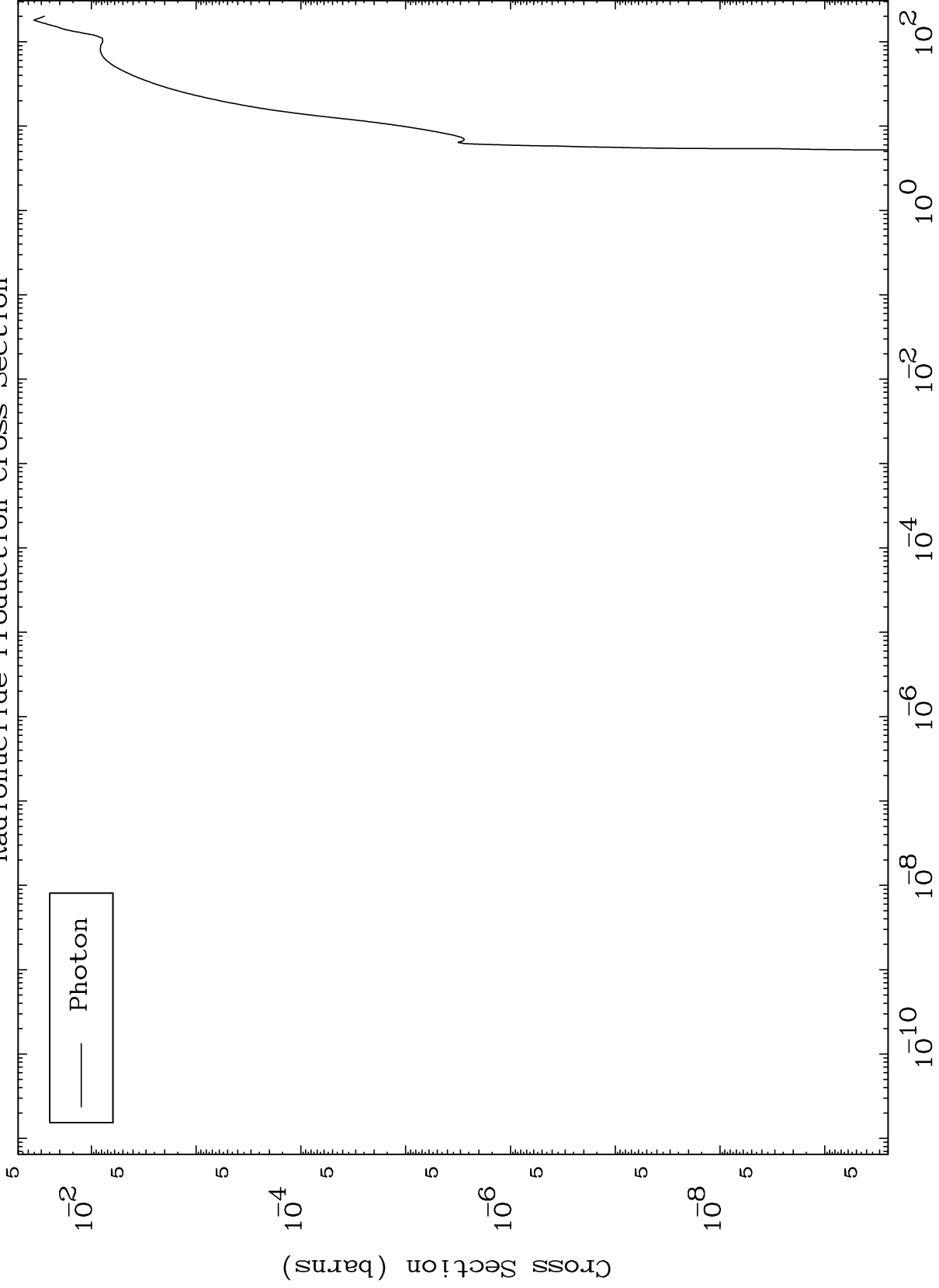


MAT 8405

Fission

84-Po-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

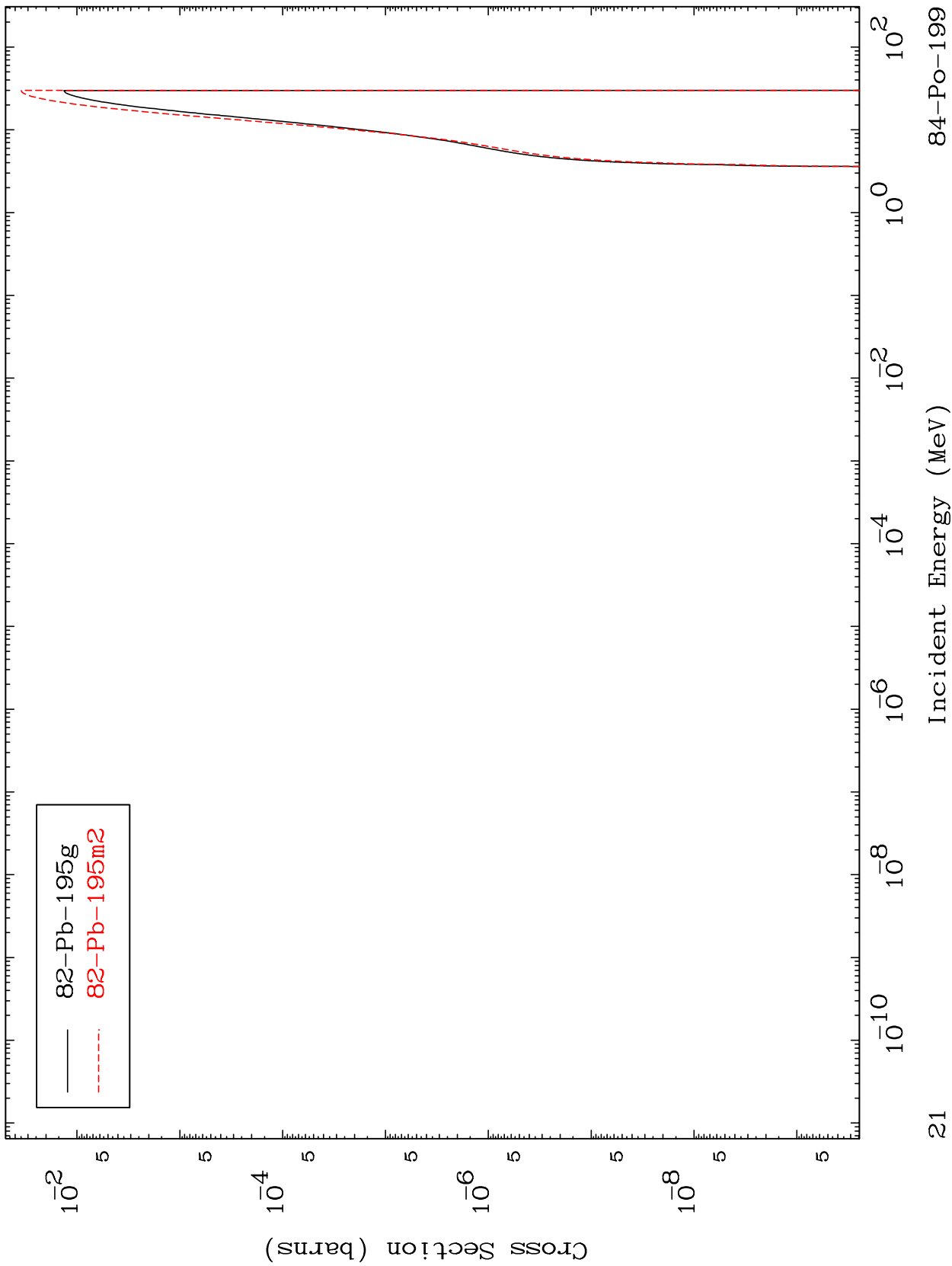
84-Po-199

MAT 8405

$(n, n') \alpha$

84-Po-199

Radionuclide Production Cross Section

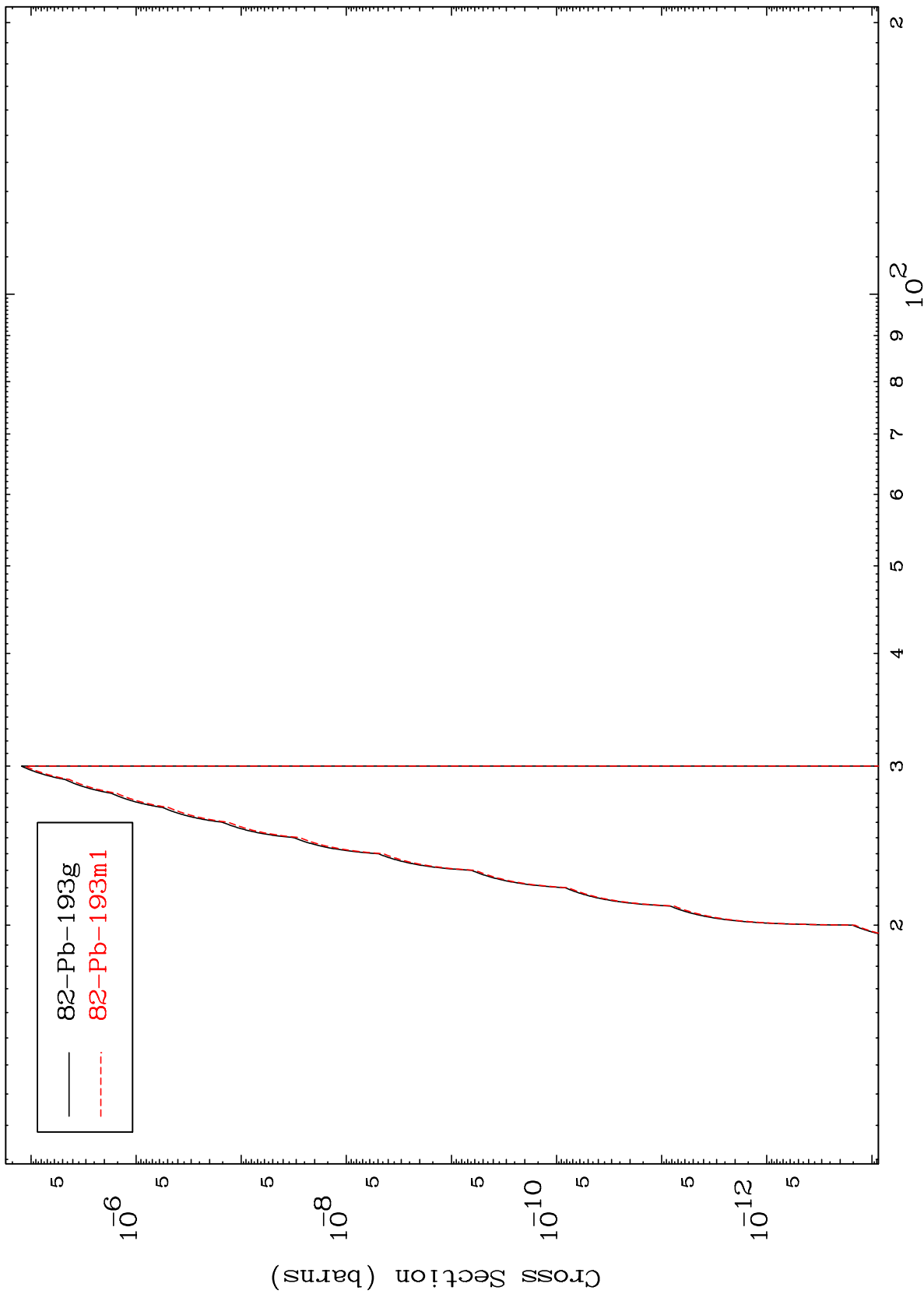


MAT 8405

(n,3n) α

84-Po-199

Radionuclide Production Cross Section

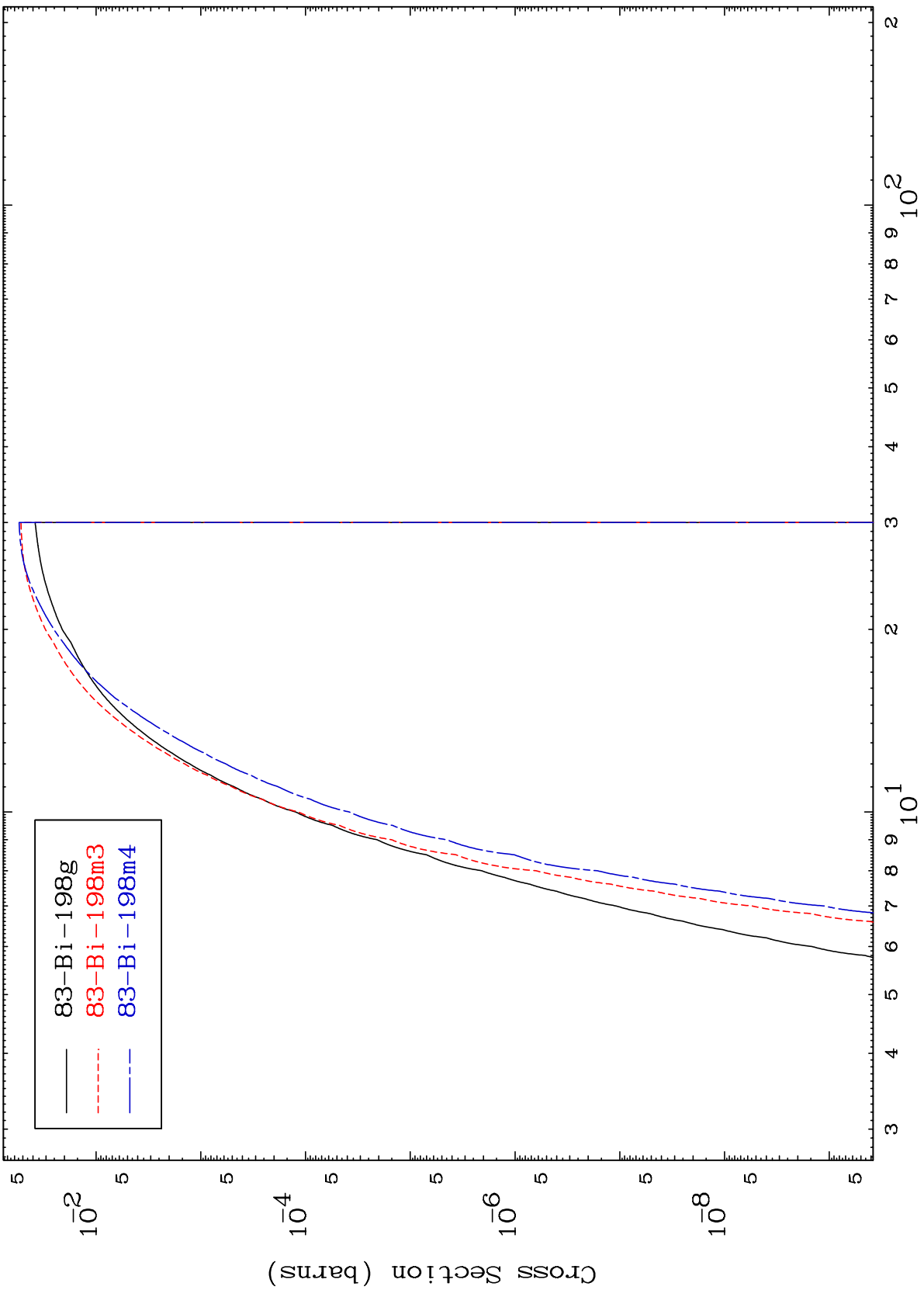


MAT 8405

(n,n') p

84-Po-199

Radionuclide Production Cross Section



23

Incident Energy (MeV)

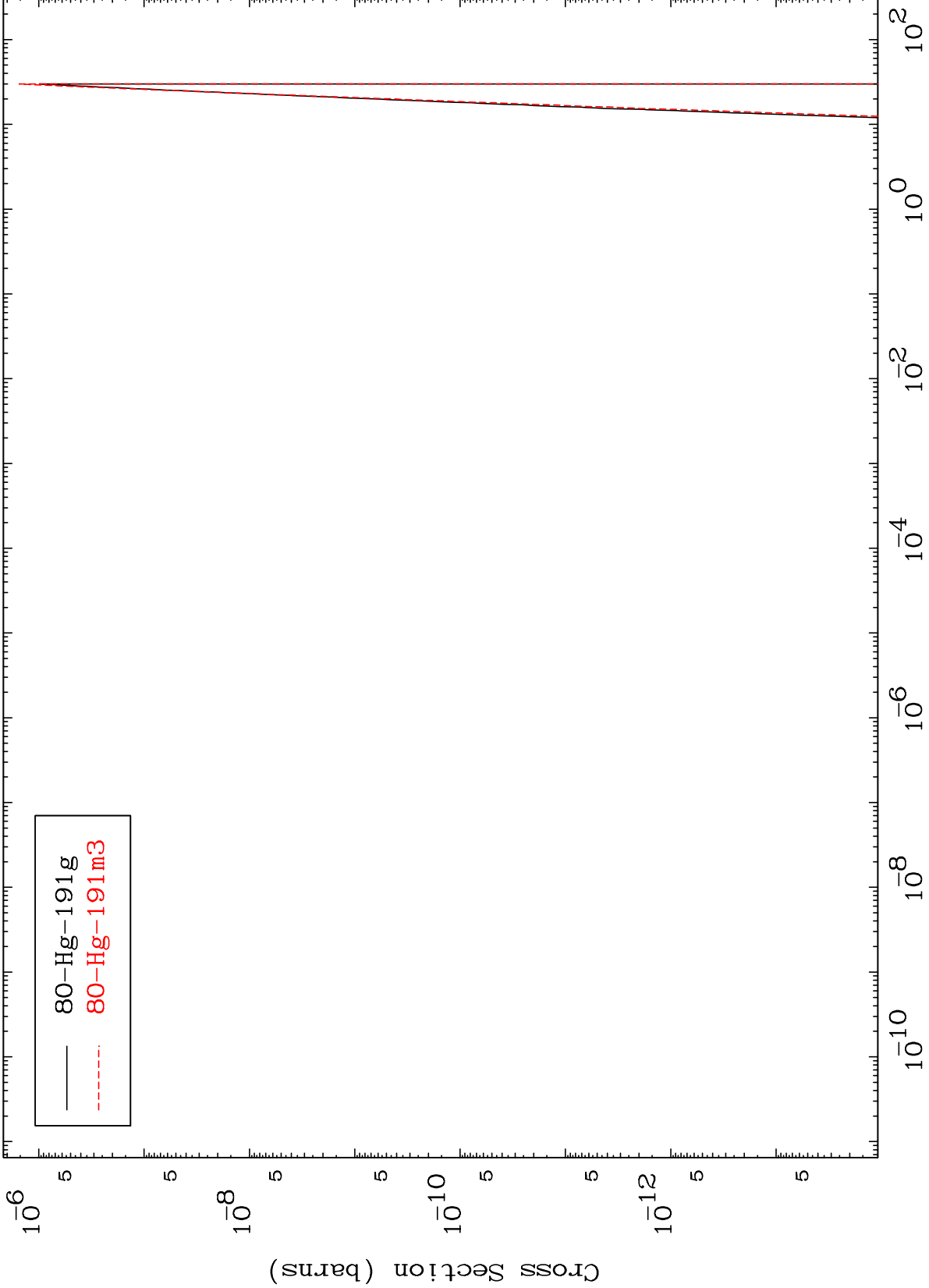
84-Po-199

MAT 8405

(n,n') 2α

84-Po-199

Radionuclide Production Cross Section



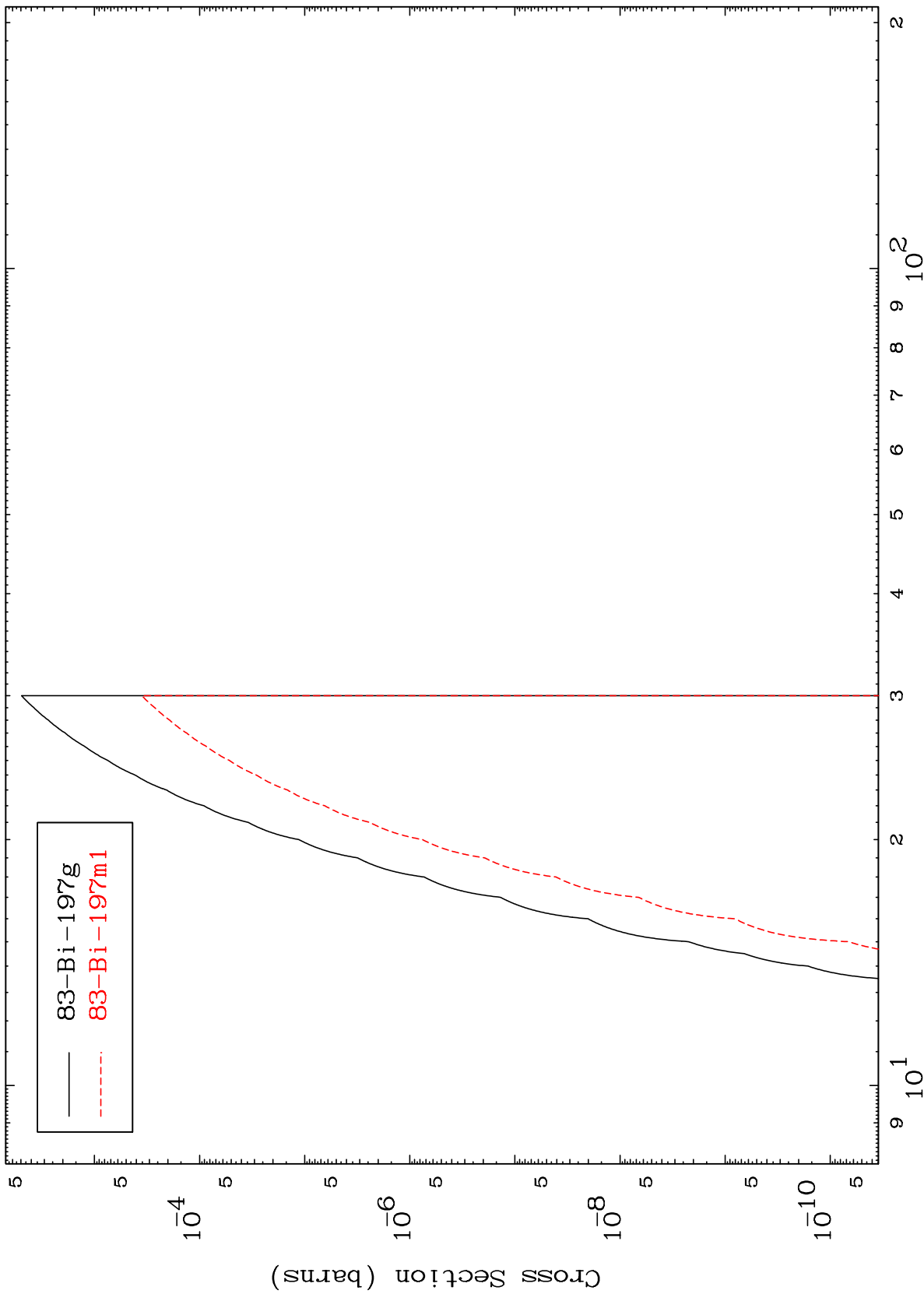
80-Hg-191 g
80-Hg-191 m3

MAT 8405

(n,n') d

84-Po-199

Radionuclide Production Cross Section

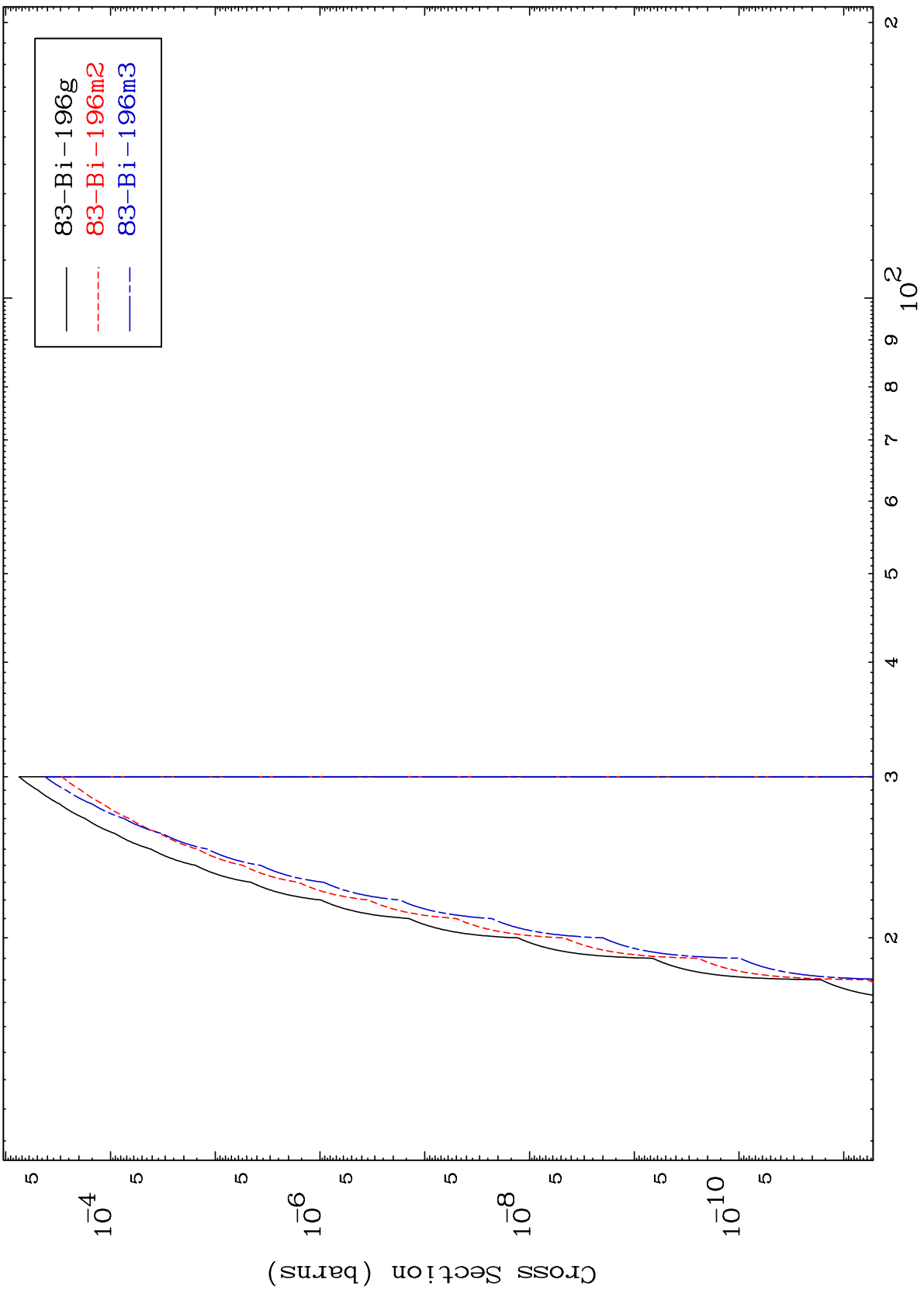


25

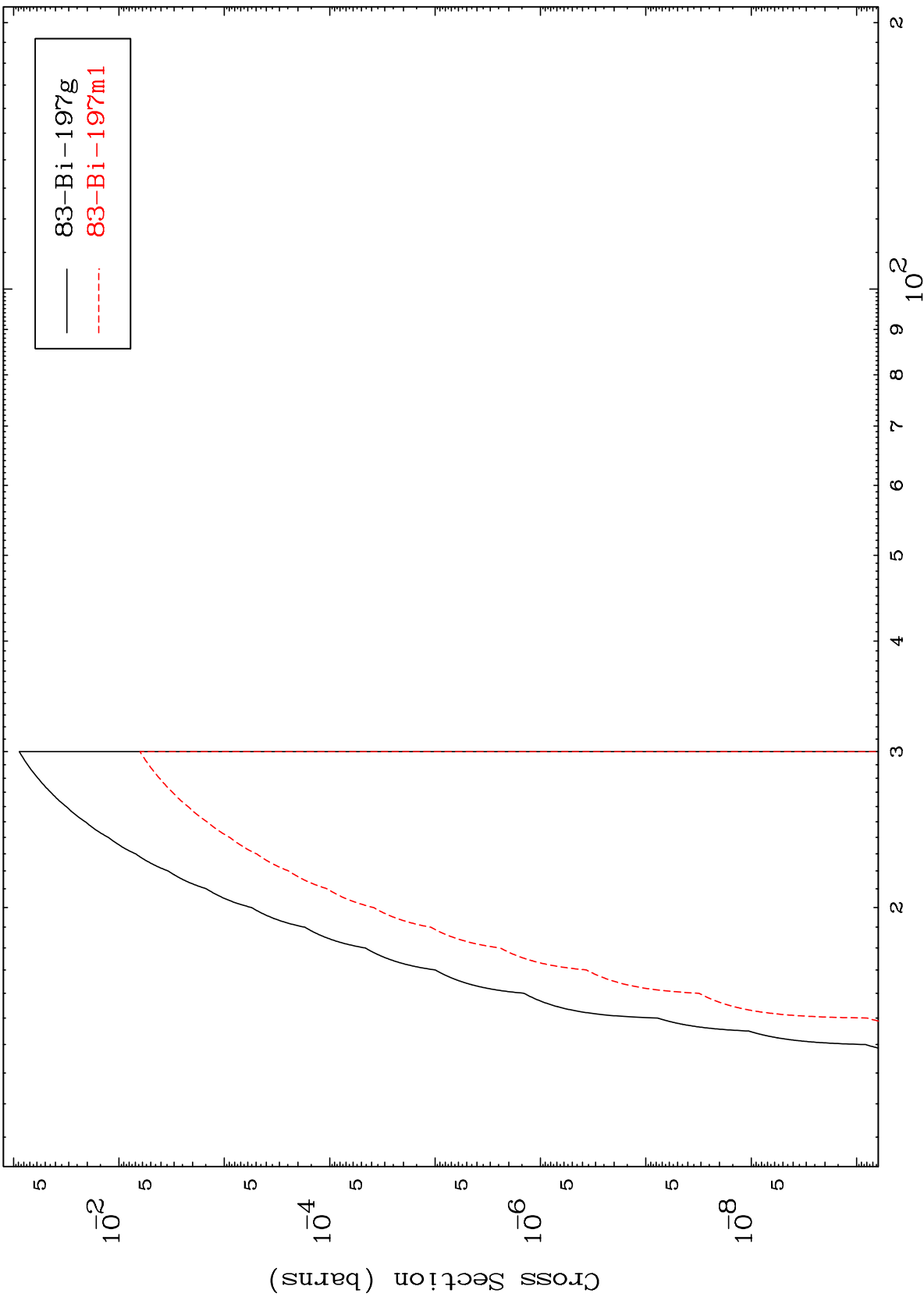
Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section



Radionuclide Production Cross Section

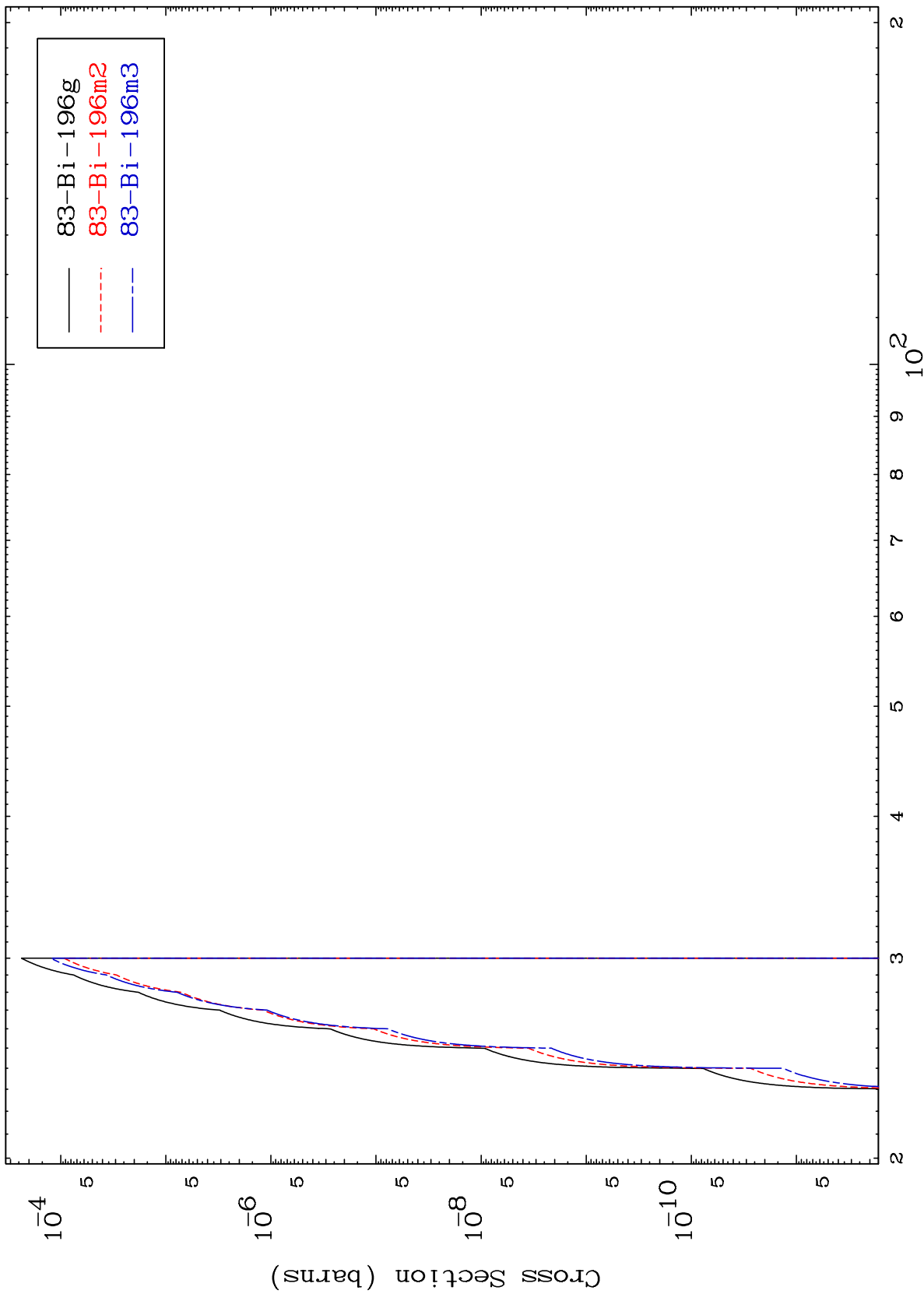


MAT 8405

(n,3n) p

84-Po-199

Radionuclide Production Cross Section

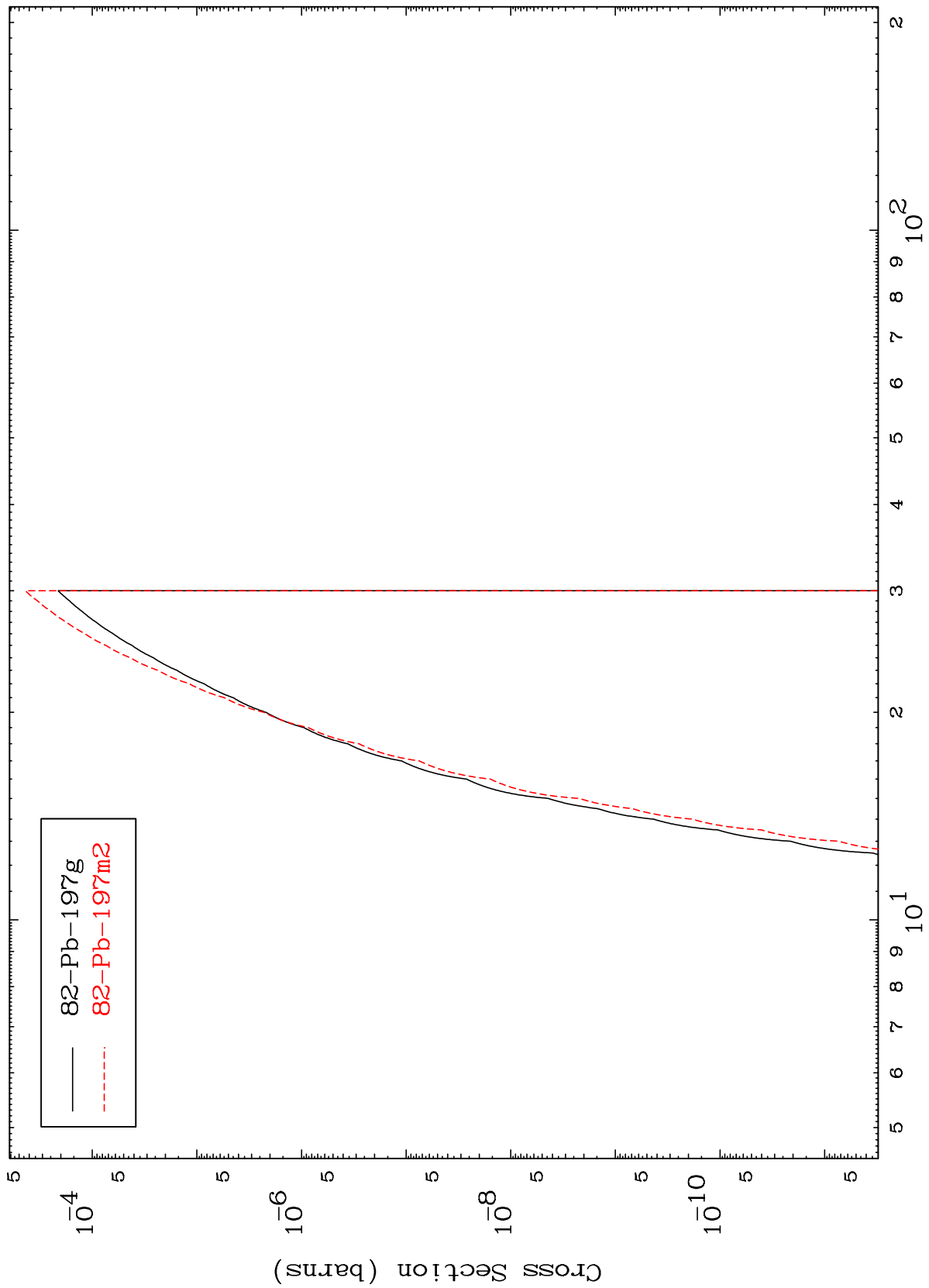


28

Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section

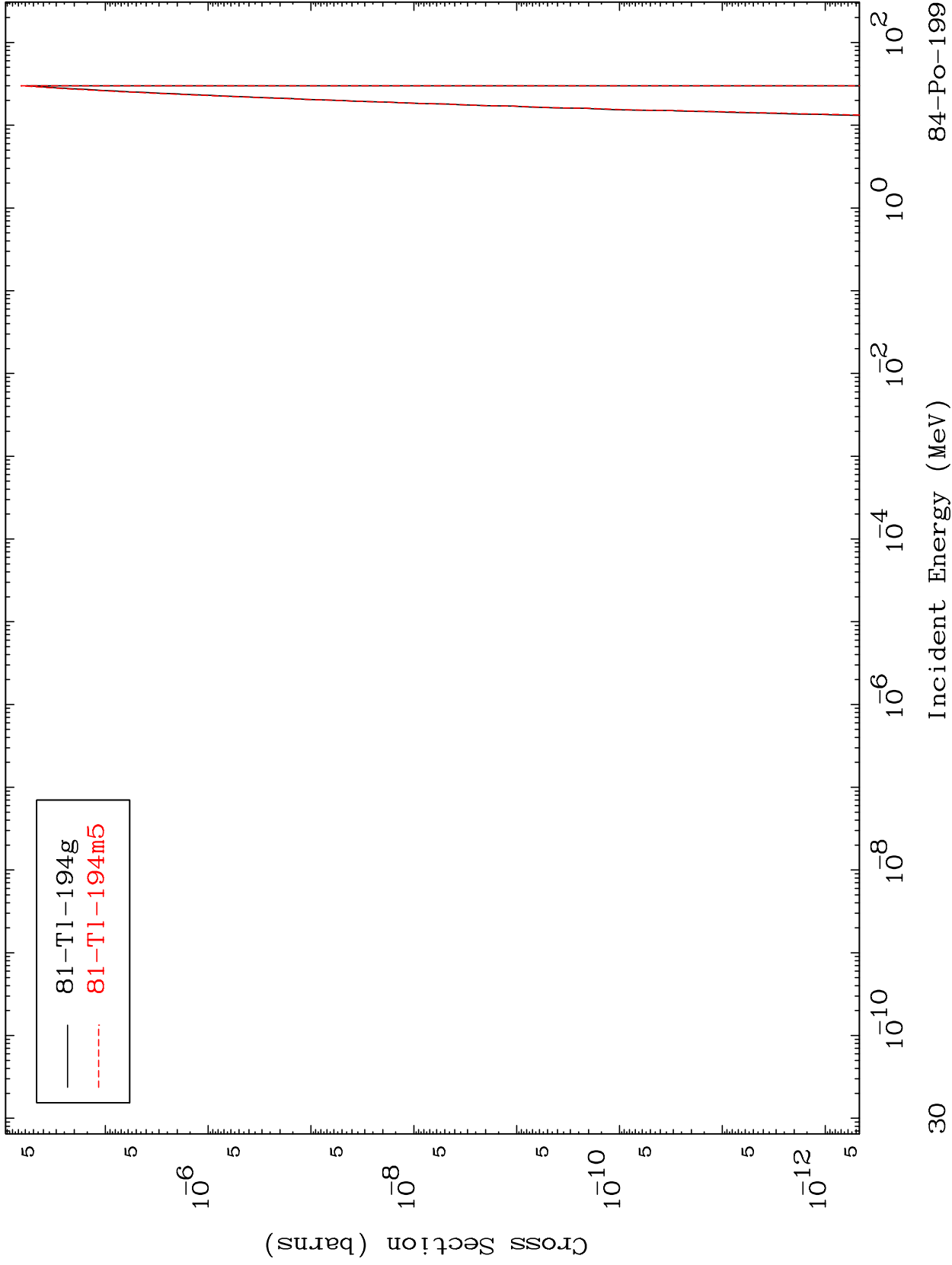


MAT 8405

(n,n') p α

84-Po-199

Radionuclide Production Cross Section



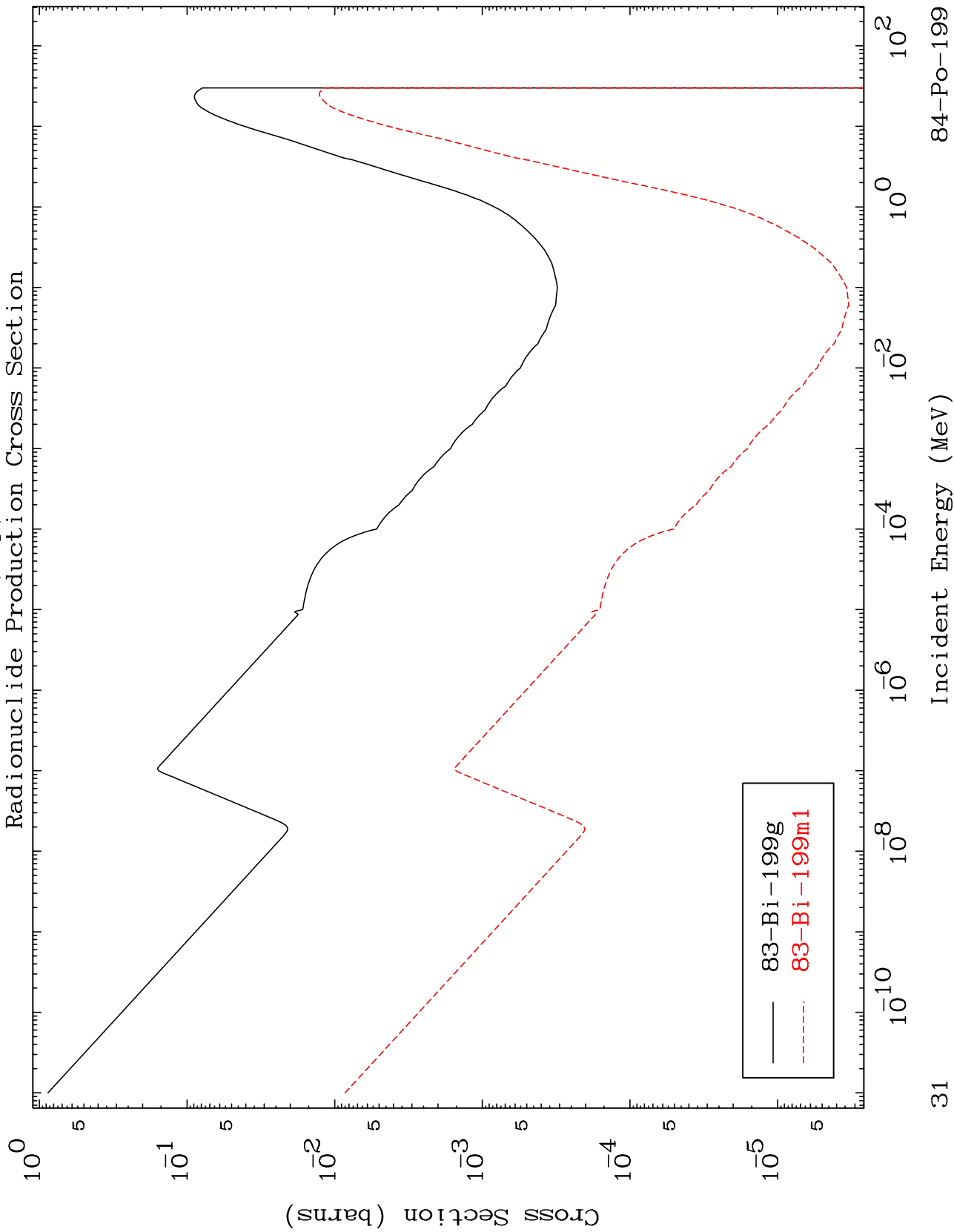
30

Incident Energy (MeV)

84-Po-199

MAT 8405

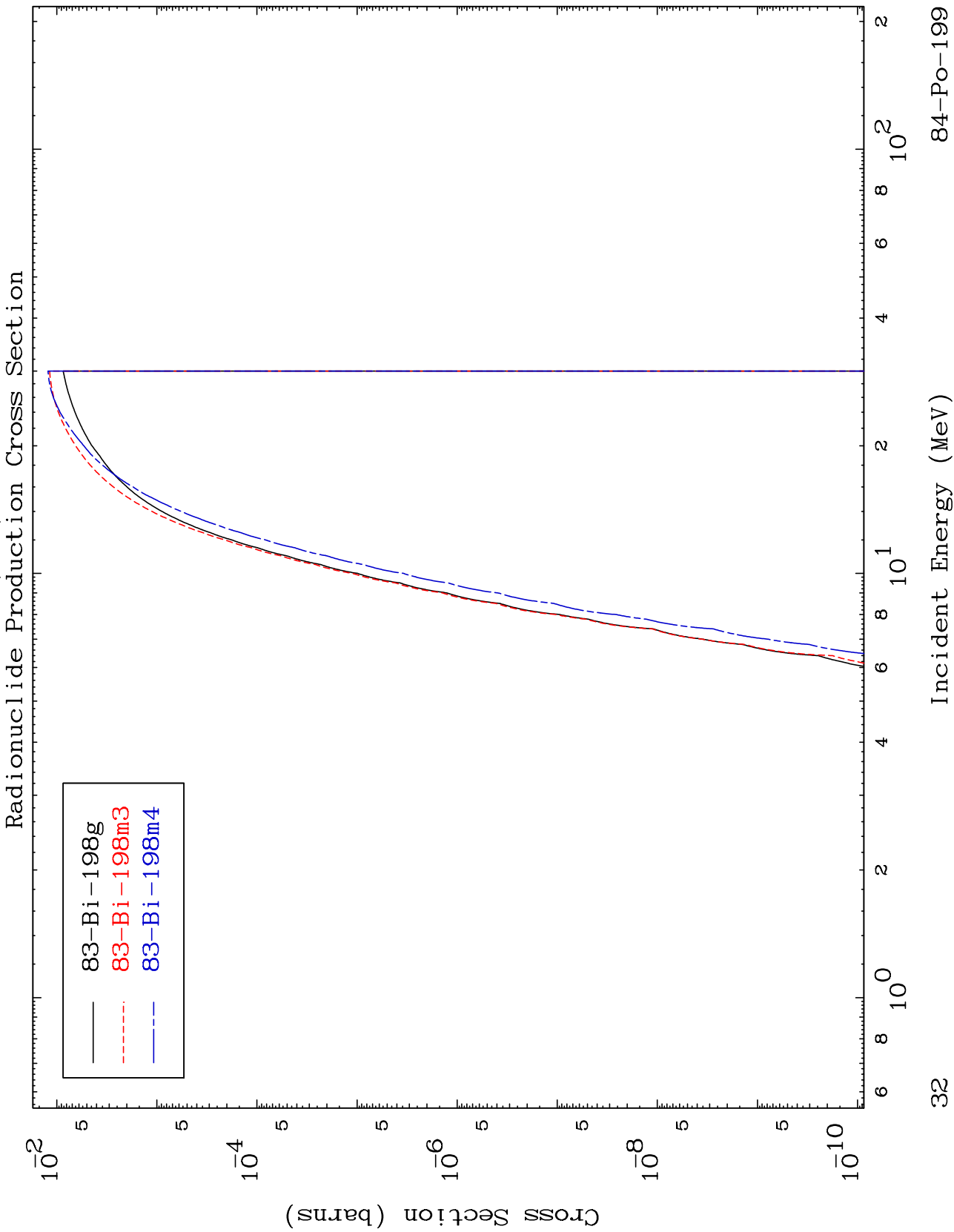
84-Po-199



MAT 8405

(n,d)

84-Po-199

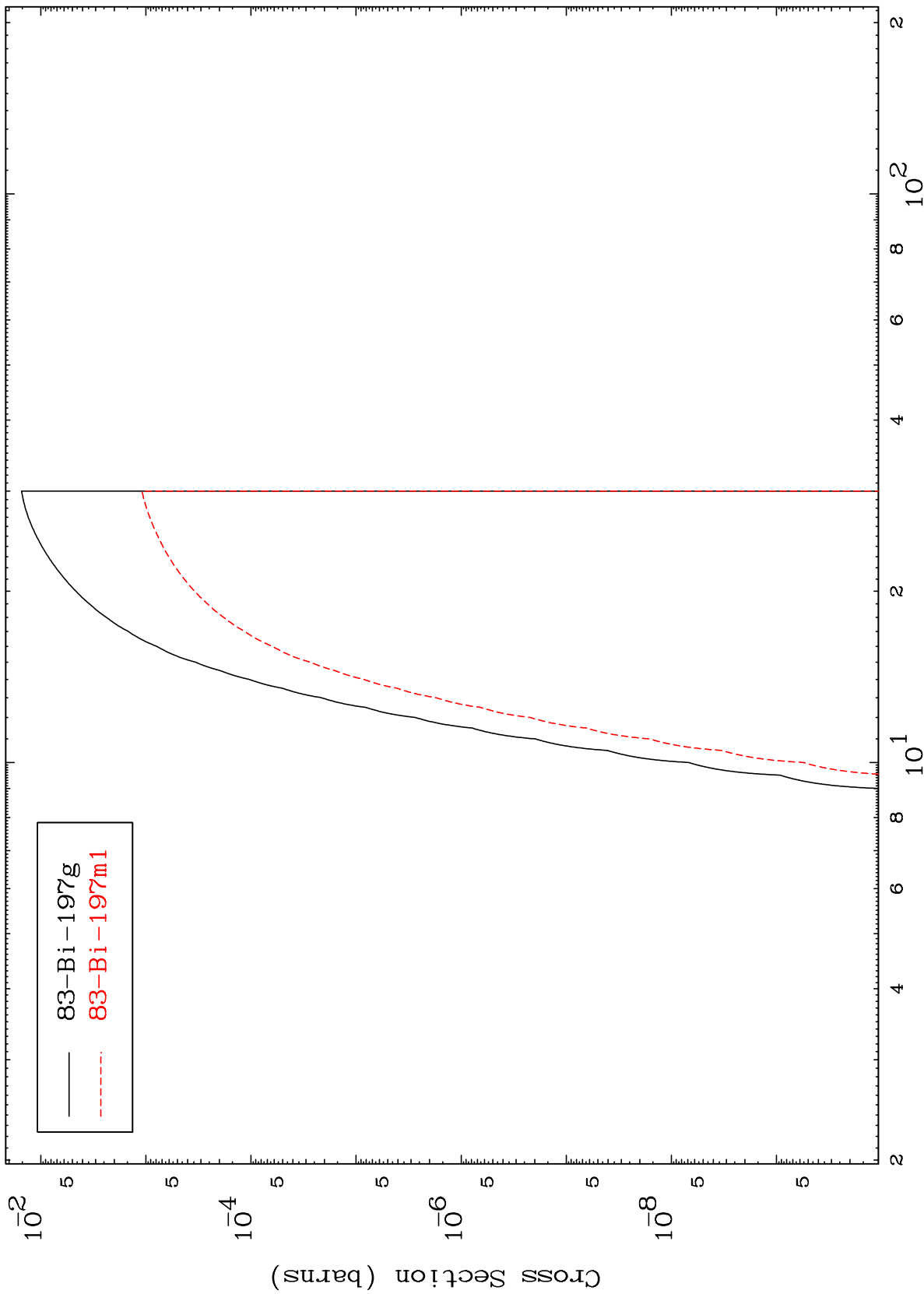


83-Bi-198g
83-Bi-198m3
83-Bi-198m4

MAT 8405

84-Po-199

(n, t)
Radionuclide Production Cross Section



— 83-Bi-197g
- - - 83-Bi-197m1

84-Po-199

Incident Energy (MeV)

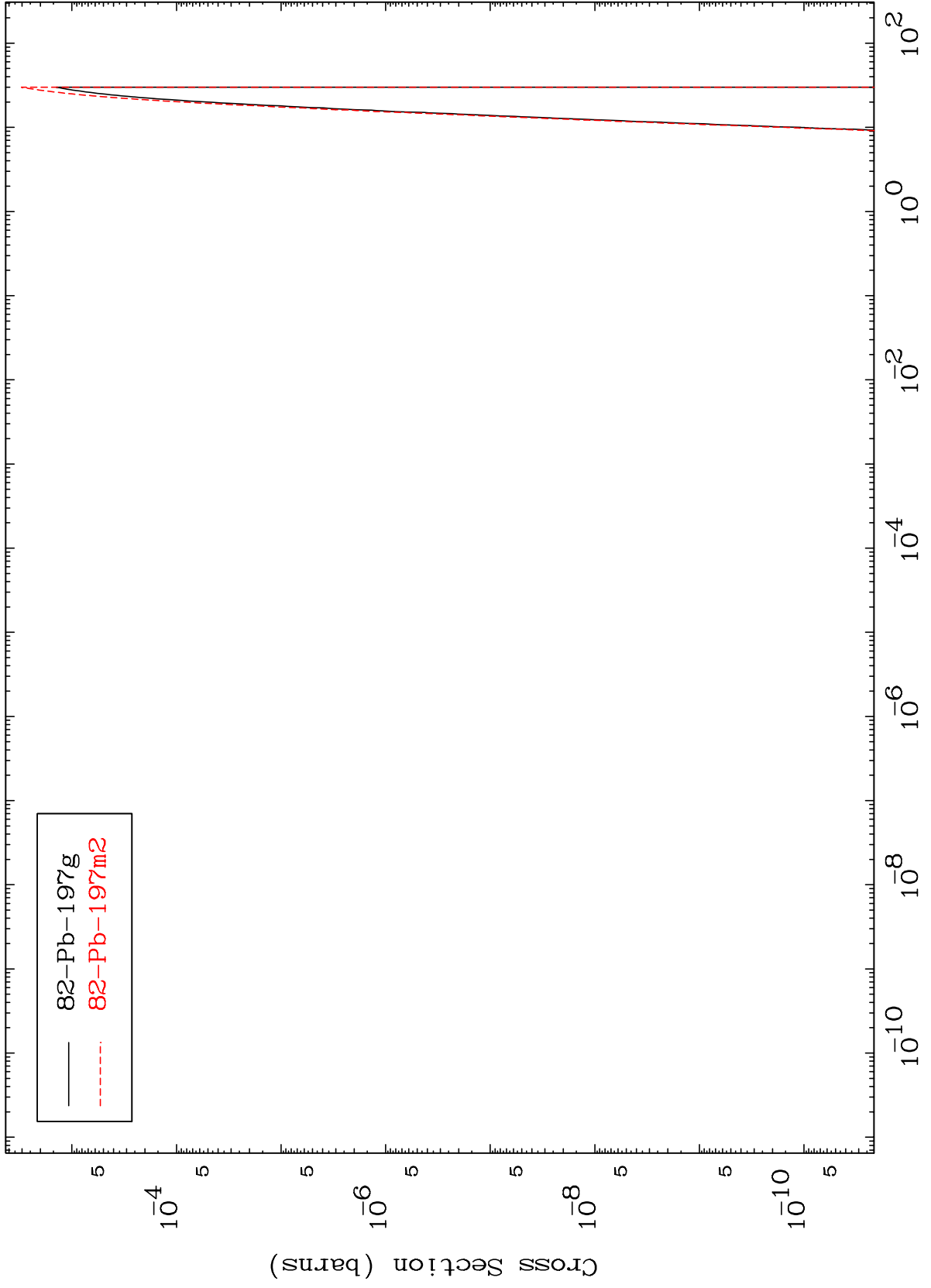
33

MAT 8405

(n,He-3)

84-Po-199

Radionuclide Production Cross Section

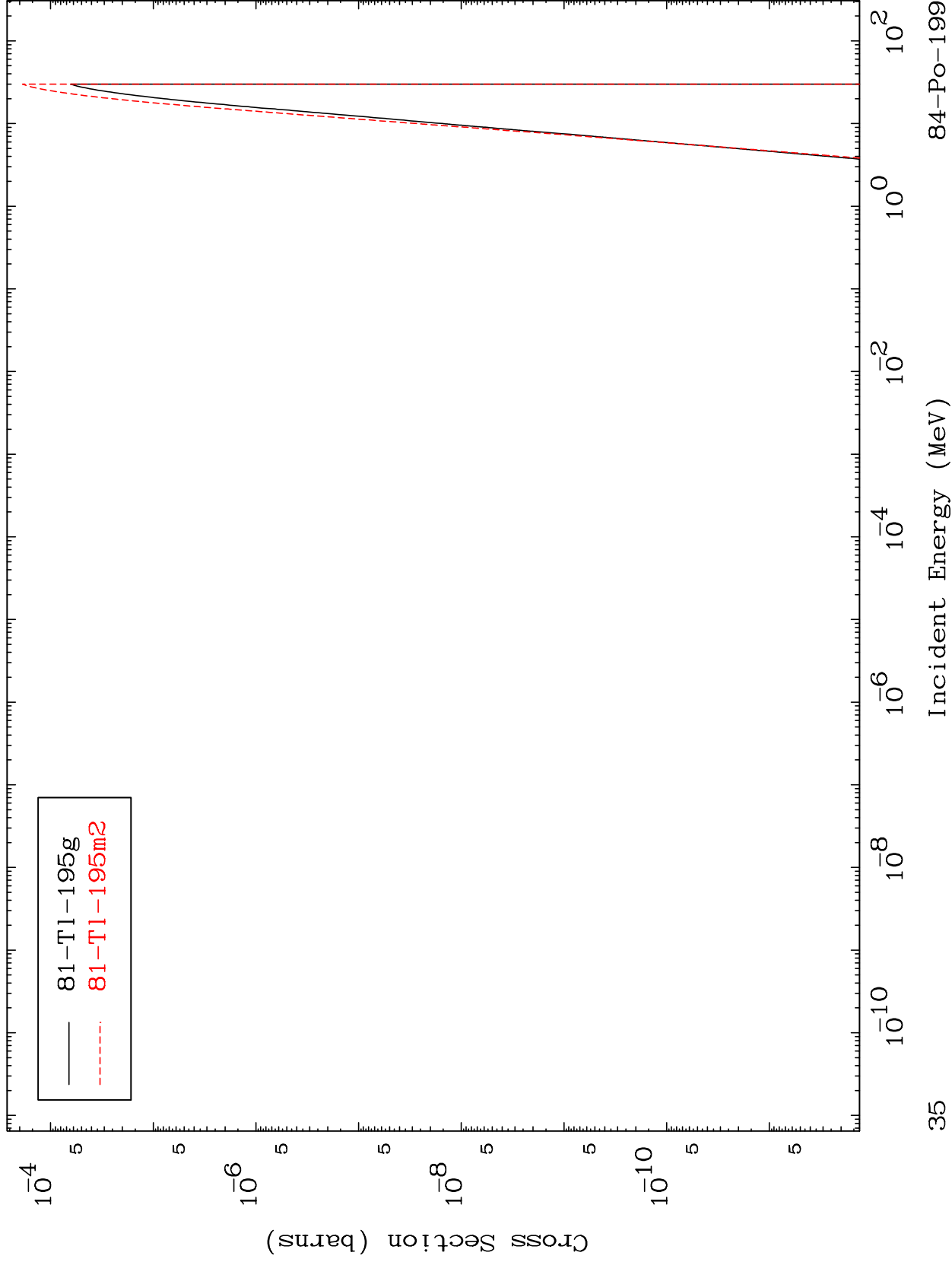


MAT 8405

(n,p) α

84-Po-199

Radionuclide Production Cross Section

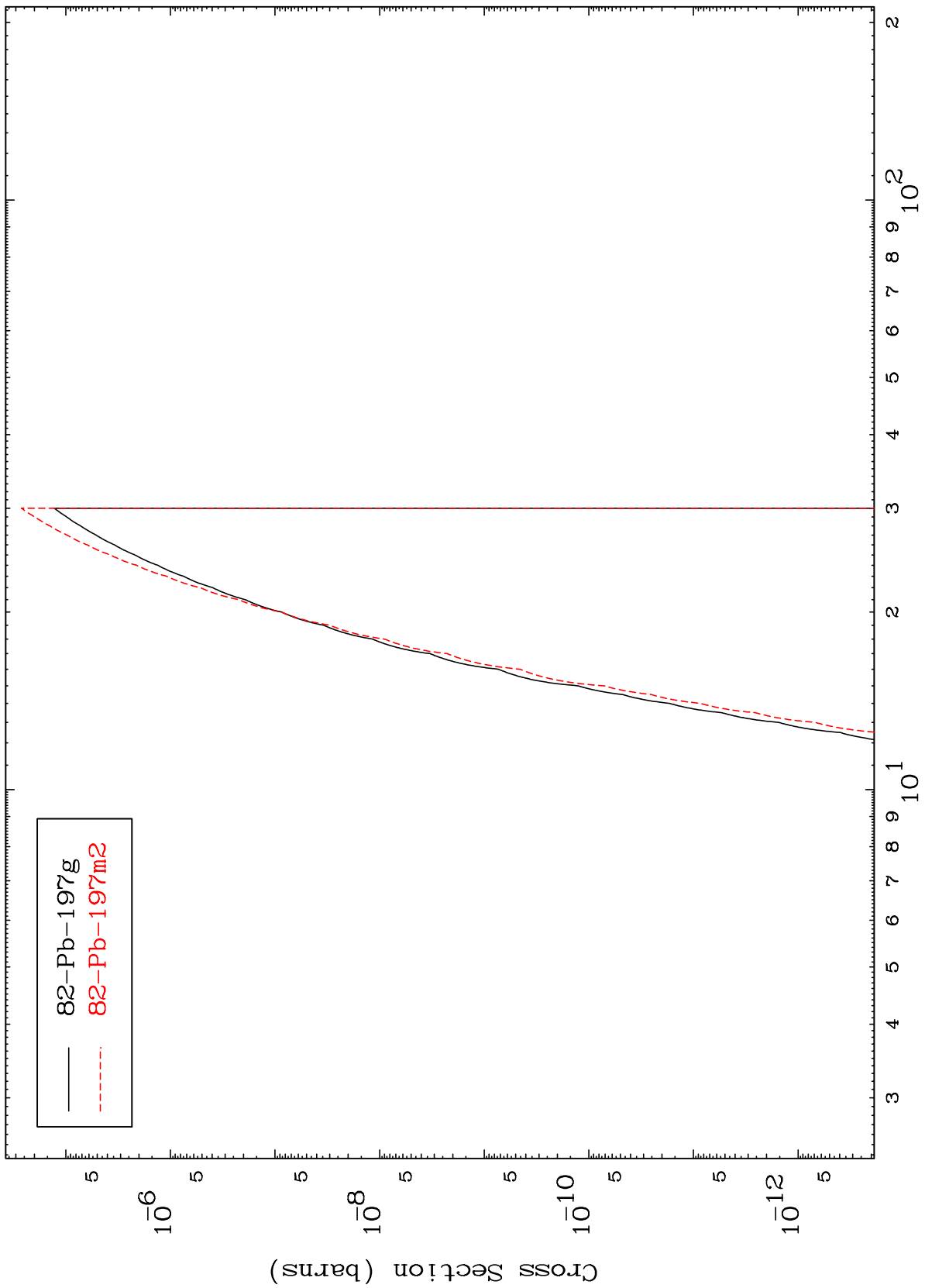


35

Incident Energy (MeV)

84-Po-199

Radionuclide Production Cross Section



MAT 8405

(n,d) α

84-Po-199

