

Program EVALPLOT
(Version 2021-1)

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

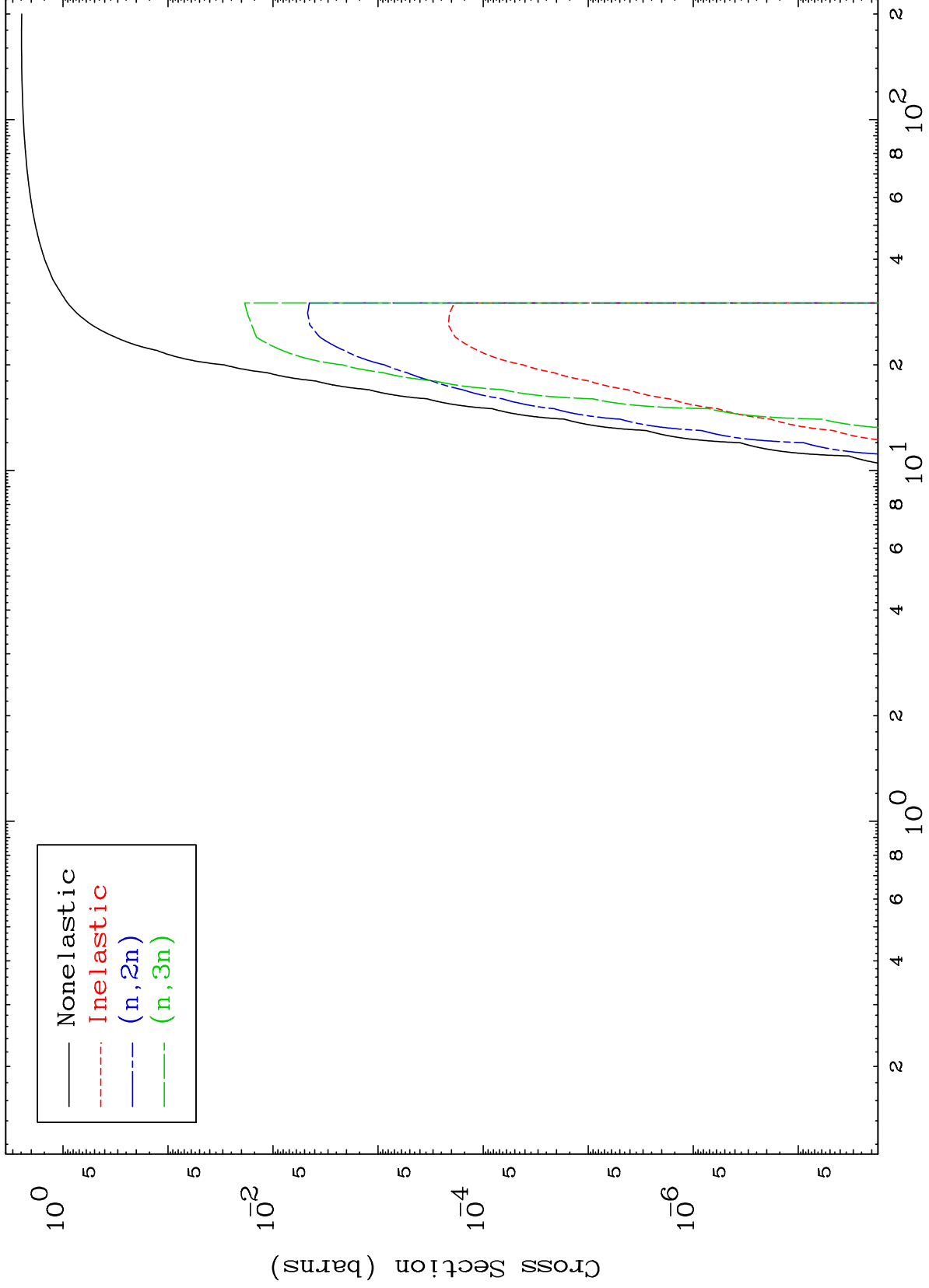
Press Mouse Button to Start

MAT 8441

He-3 Major

84-Po-211m

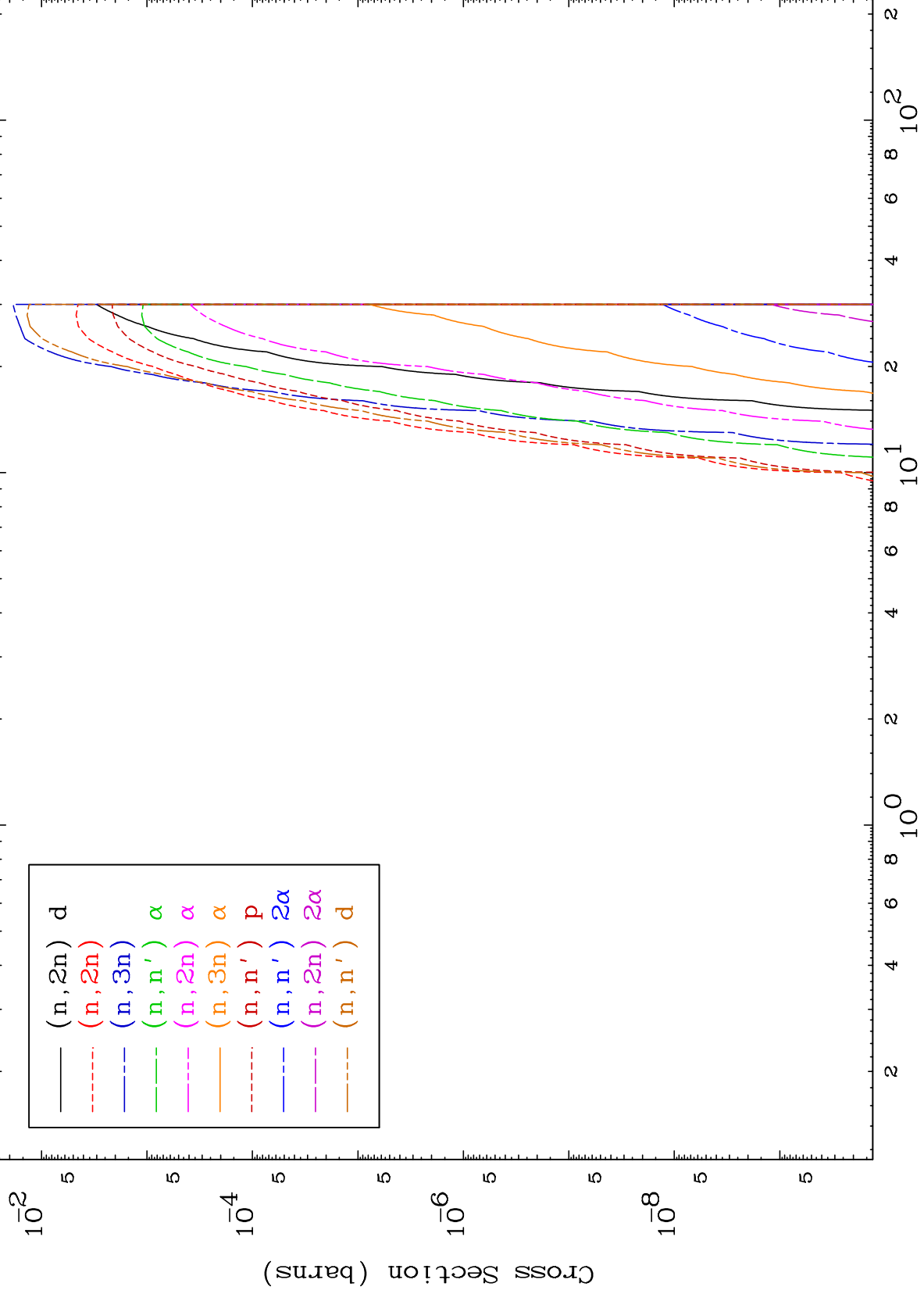
0 Kelvin Cross Sections



MAT 8441

He-3 Neutron Absorption
0 Kelvin Cross Sections

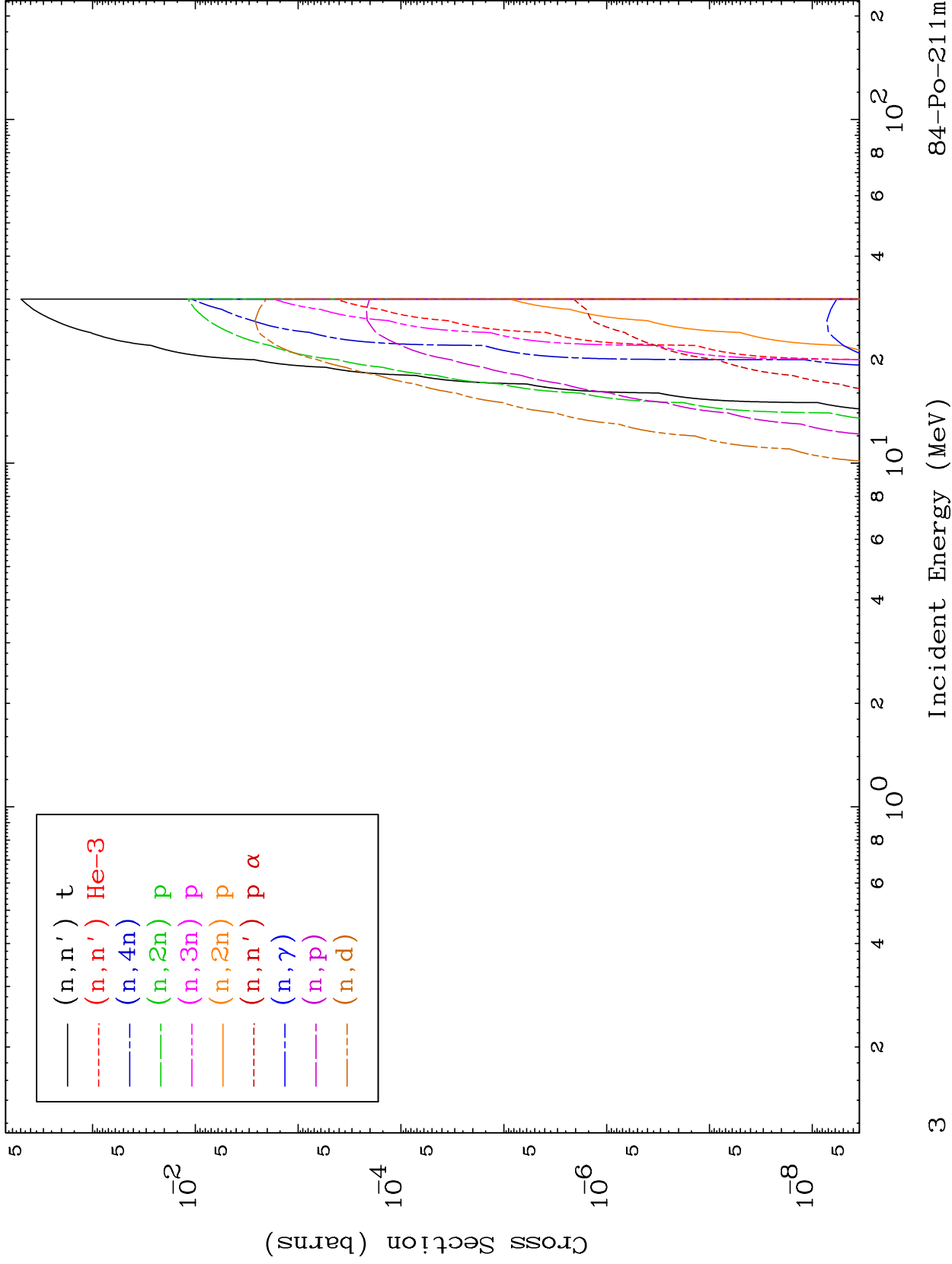
84-Po-211m



MAT 8441

He-3 Neutron Absorption
0 Kelvin Cross Sections

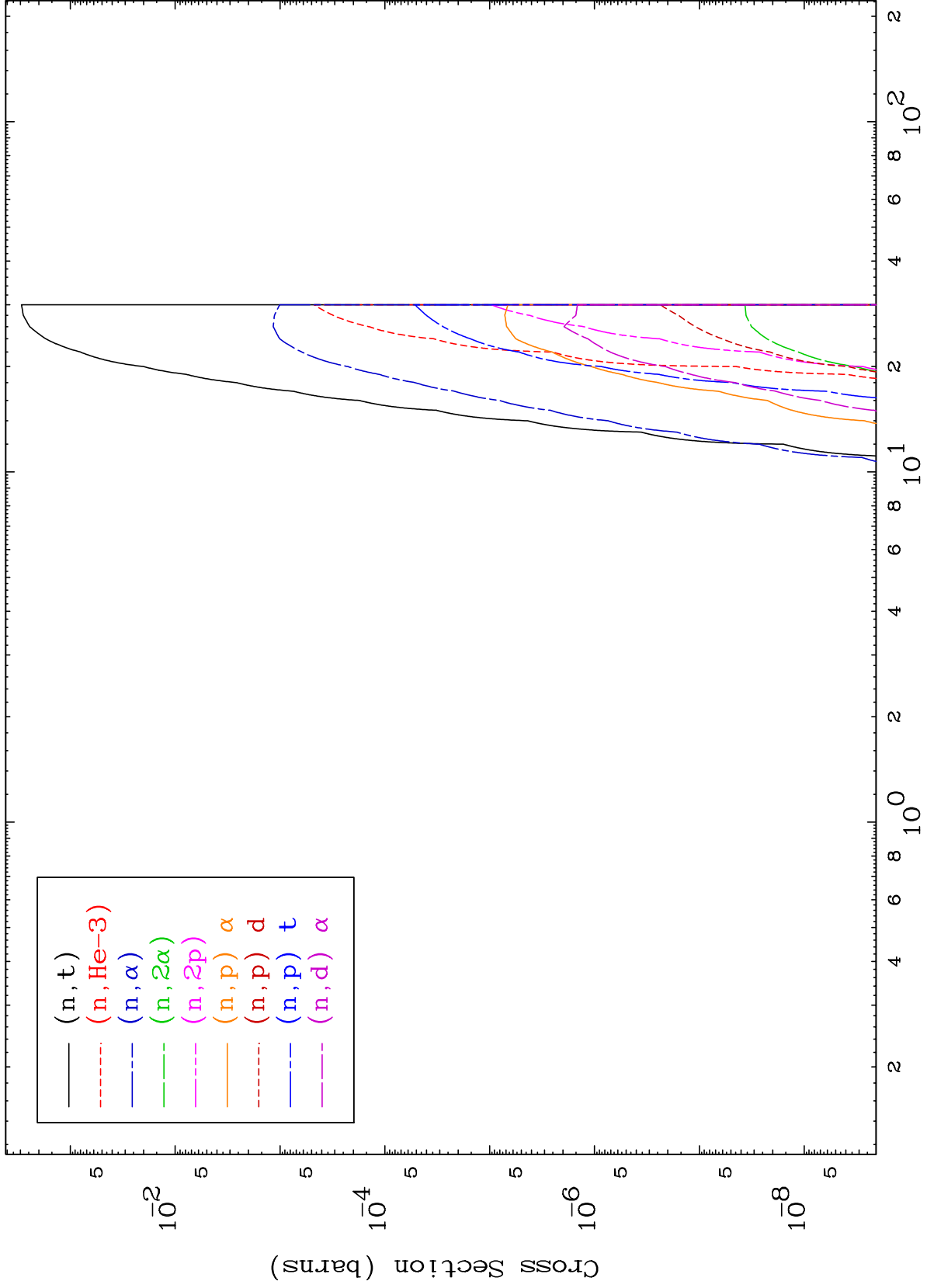
84-Po-211m



MAT 8441

He-3 Neutron Absorption
0 Kelvin Cross Sections

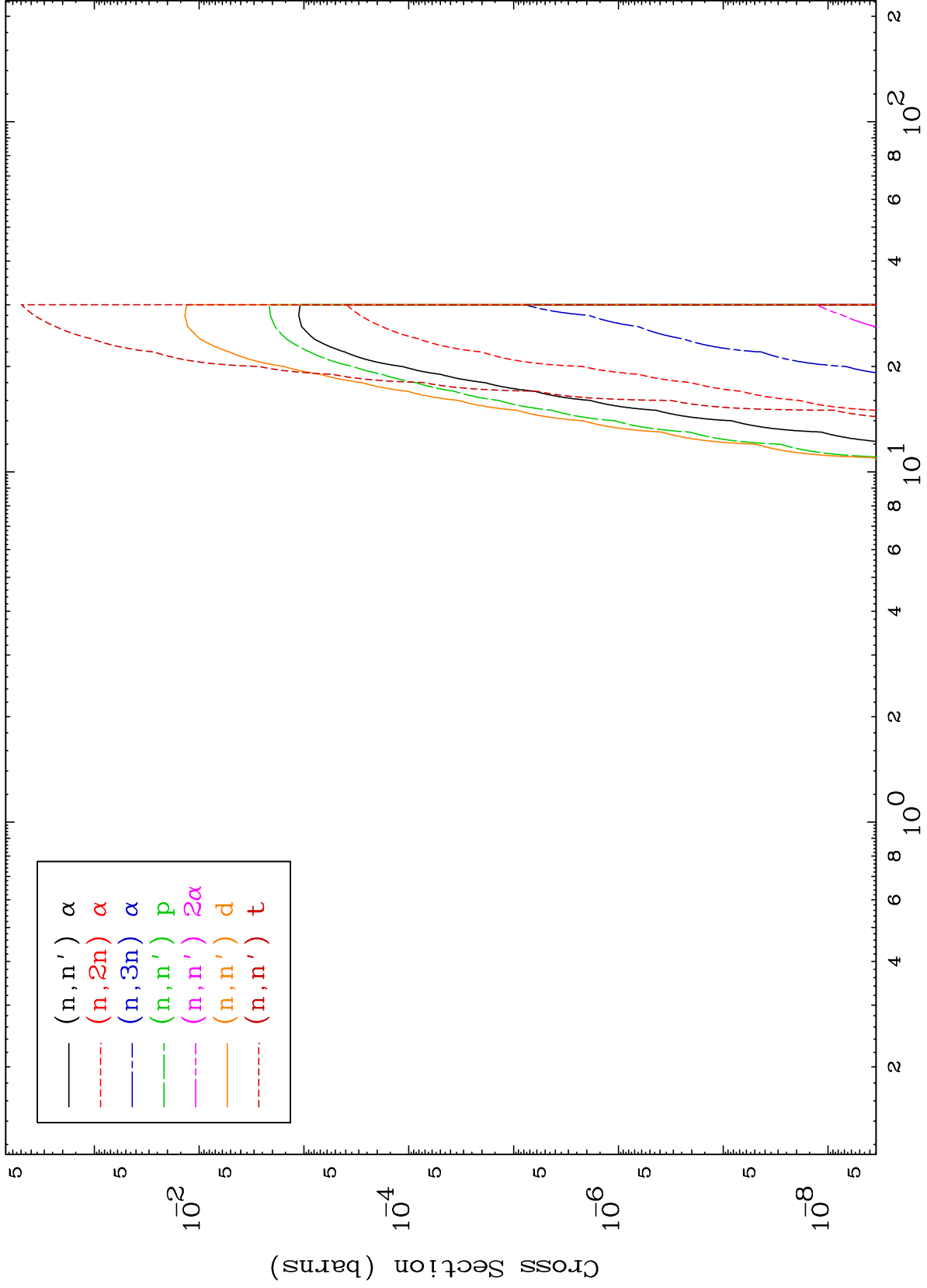
84-Po-211m



MAT 8441

He-3 Charged Particle
0 Kelvin Cross Sections

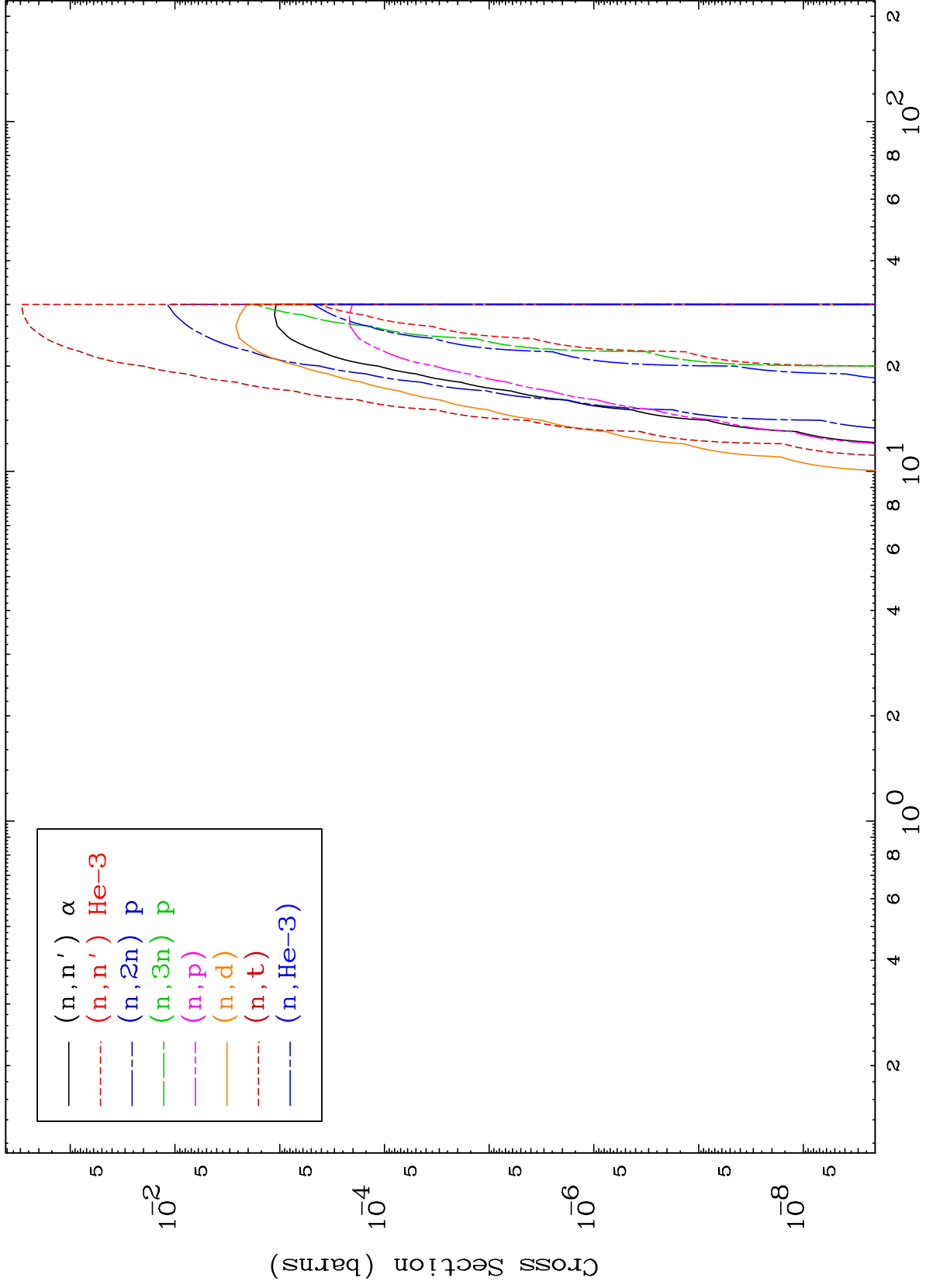
84-Po-211m



MAT 8441

He-3 Charged Particle
0 Kelvin Cross Sections

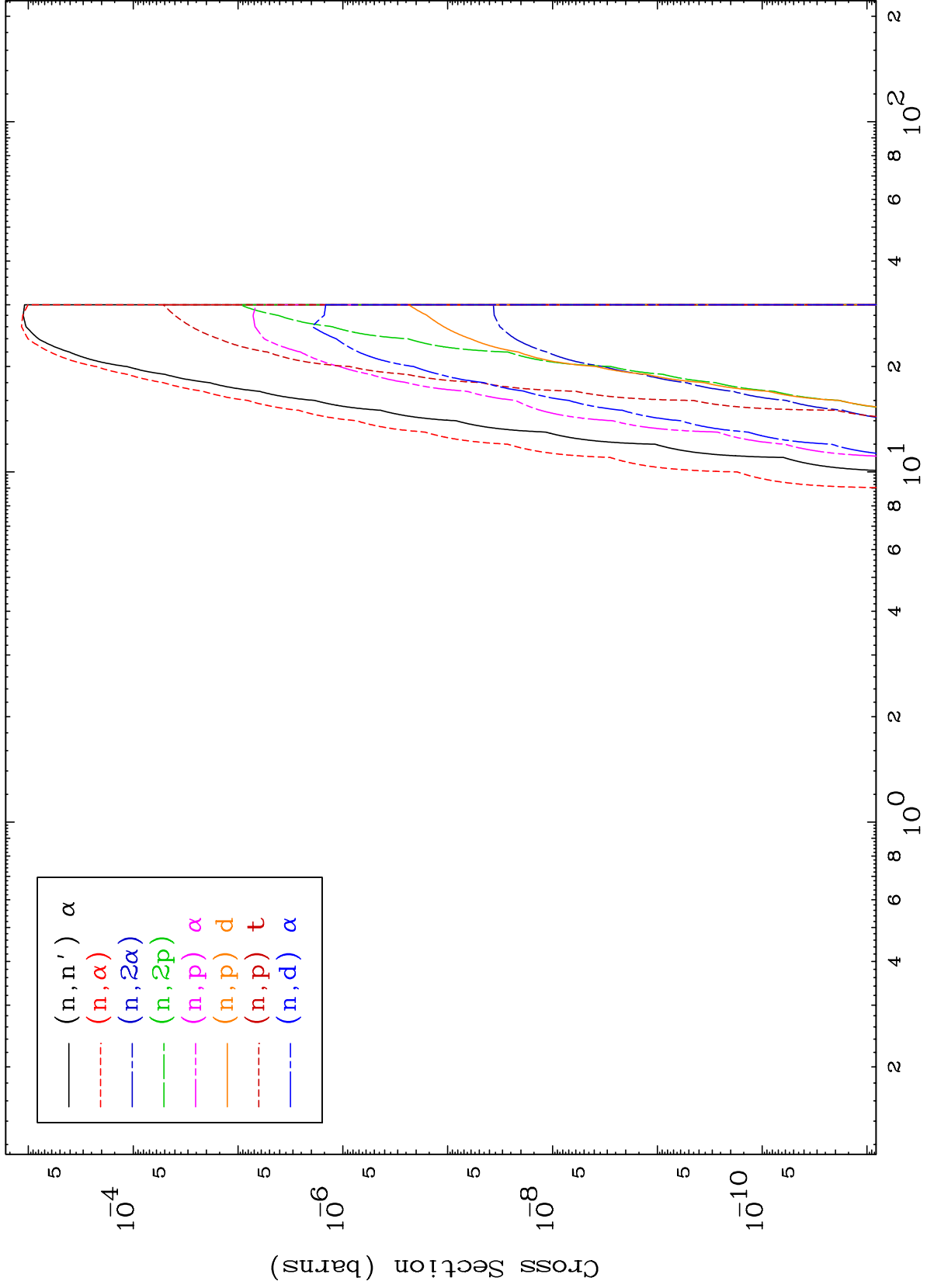
84-Po-211m



MAT 8441

He-3 Charged Particle
0 Kelvin Cross Sections

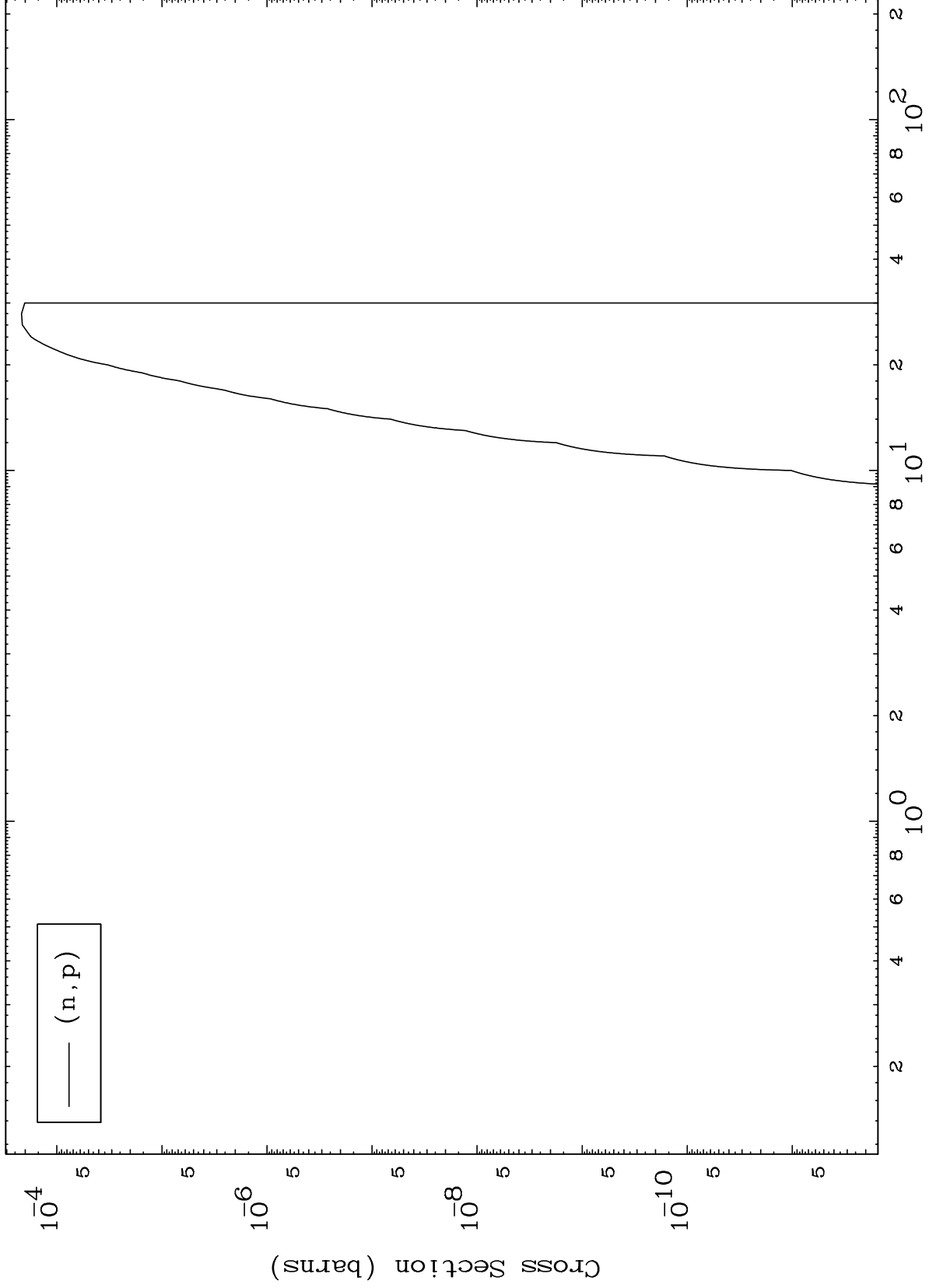
84-Po-211m



MAT 8441

(He-3,p) Levels
0 Kelvin Cross Sections

84-Po-211m

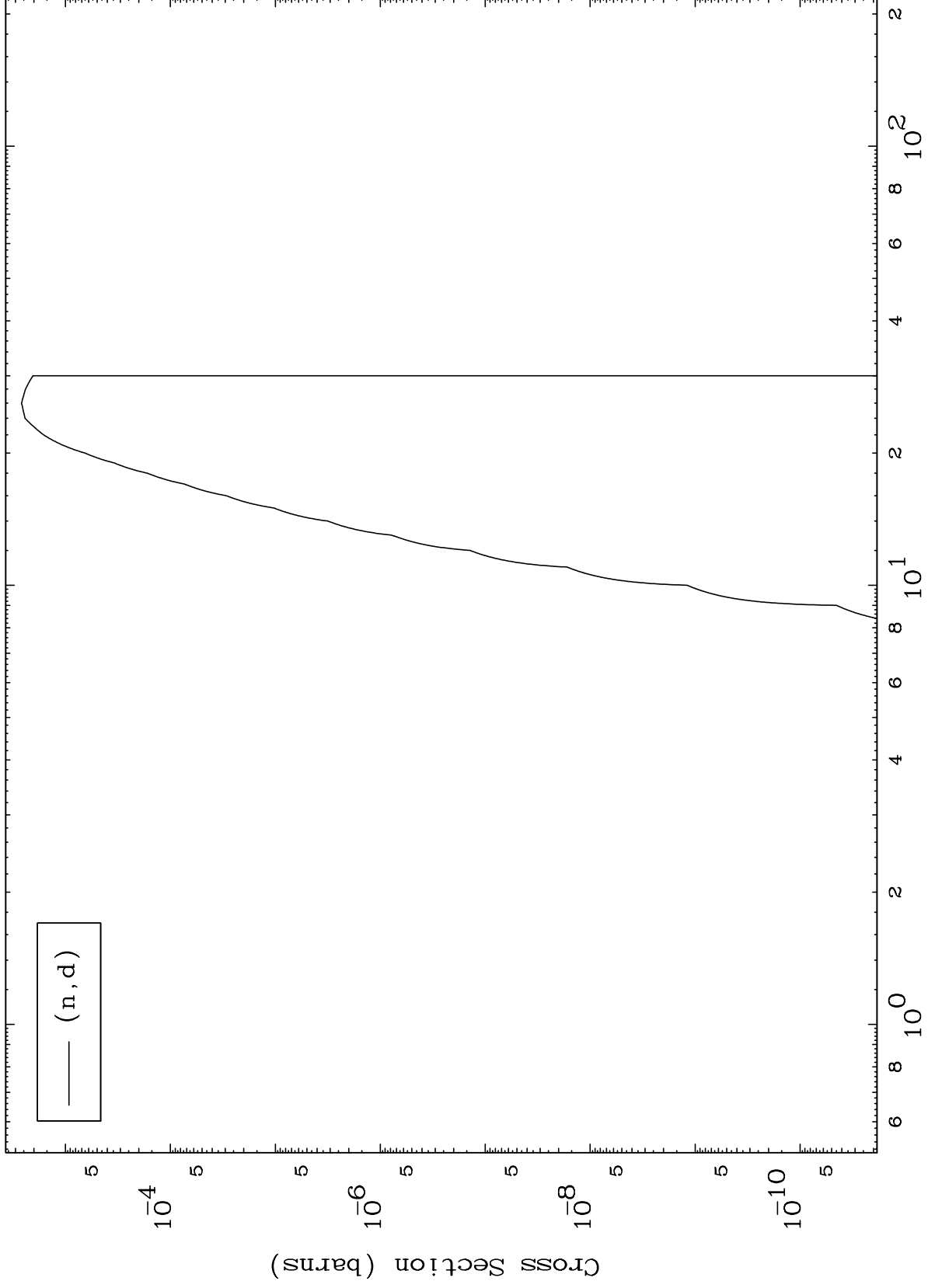


MAT 8441

(He-3,d) Levels

84-Po-211m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

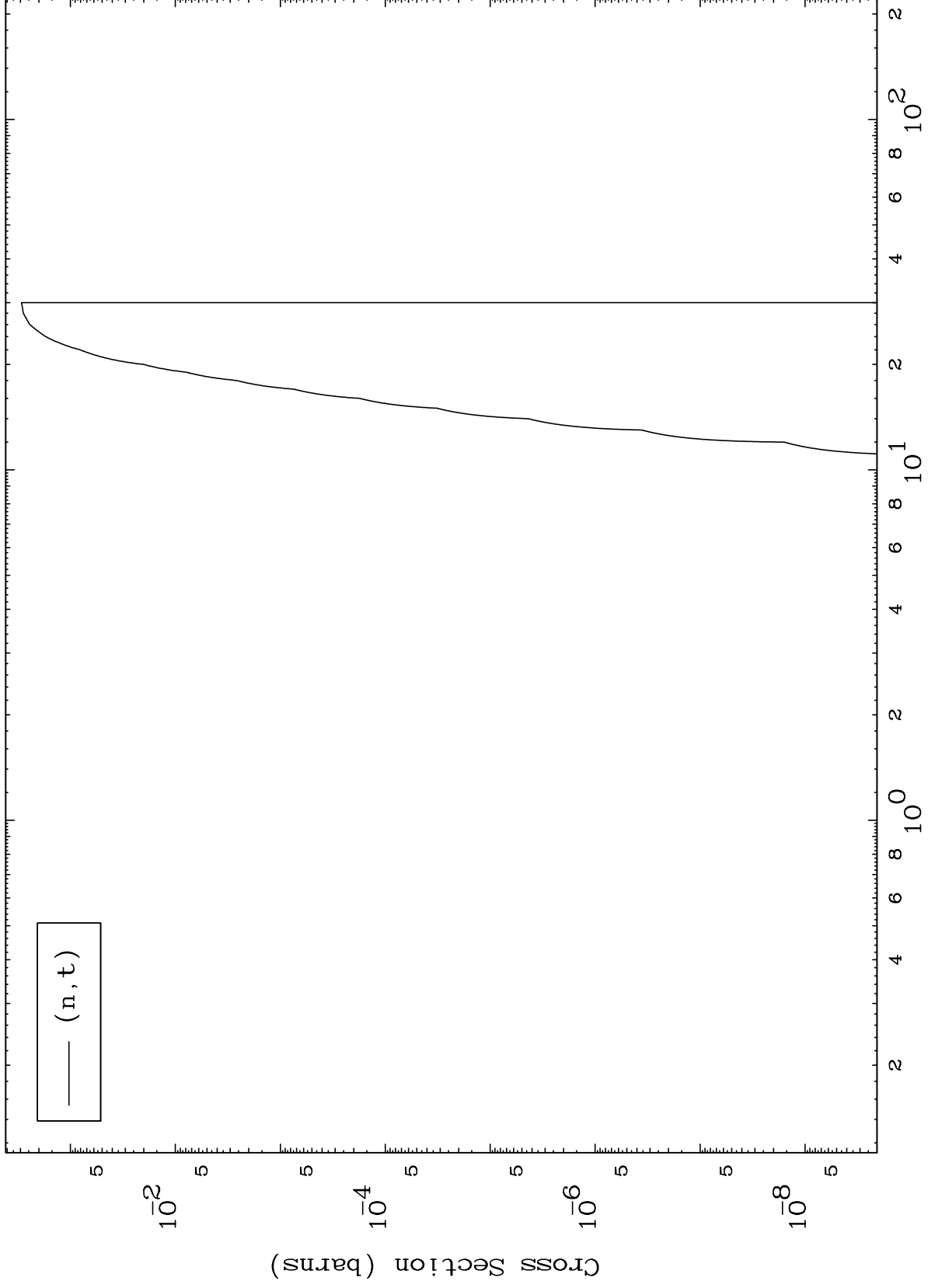
84-Po-211m

MAT 8441

(He-3,t) Levels

84-Po-211m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

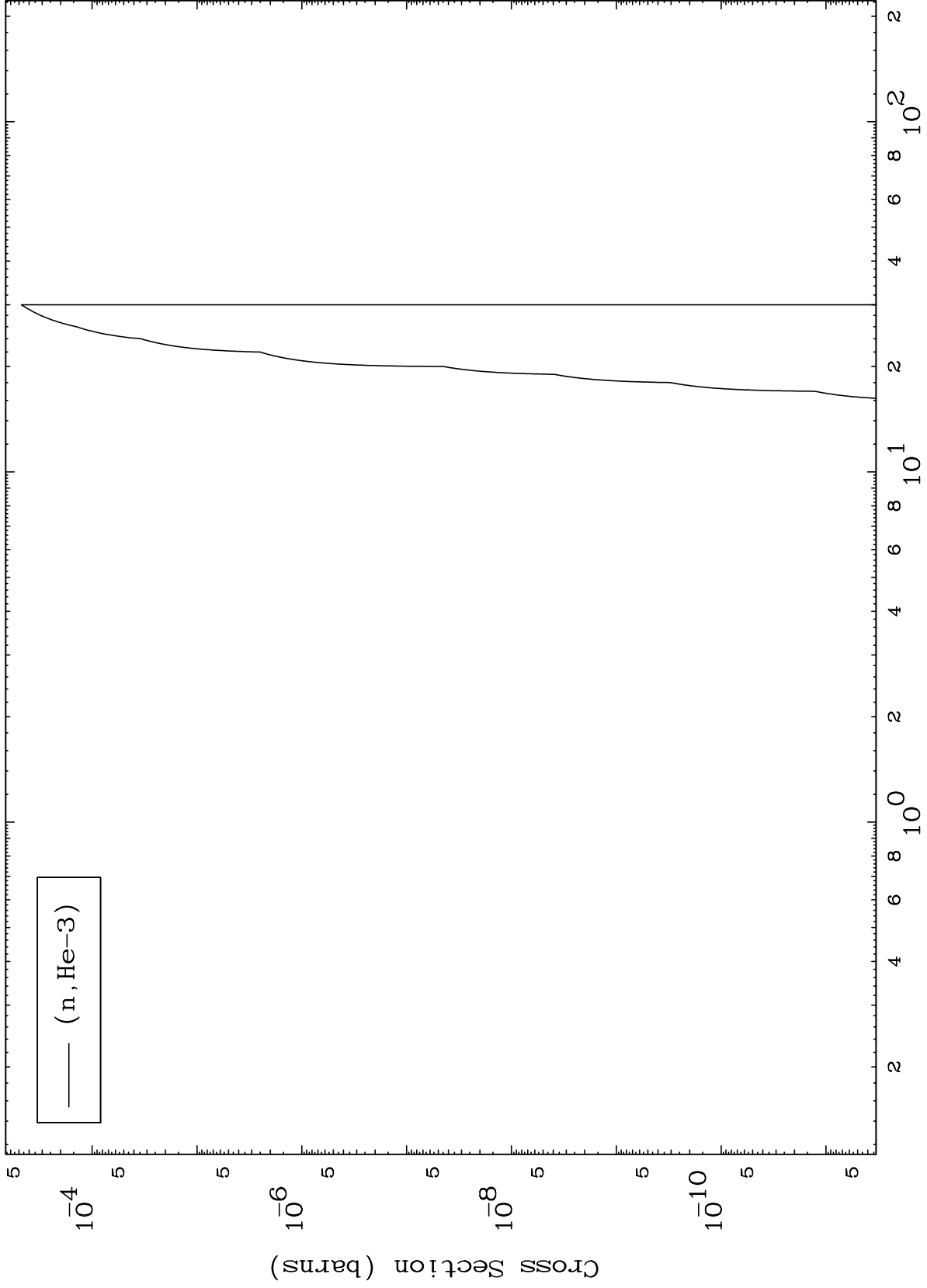
84-Po-211m

MAT 8441

(He-3, He3) Levels

84-Po-211m

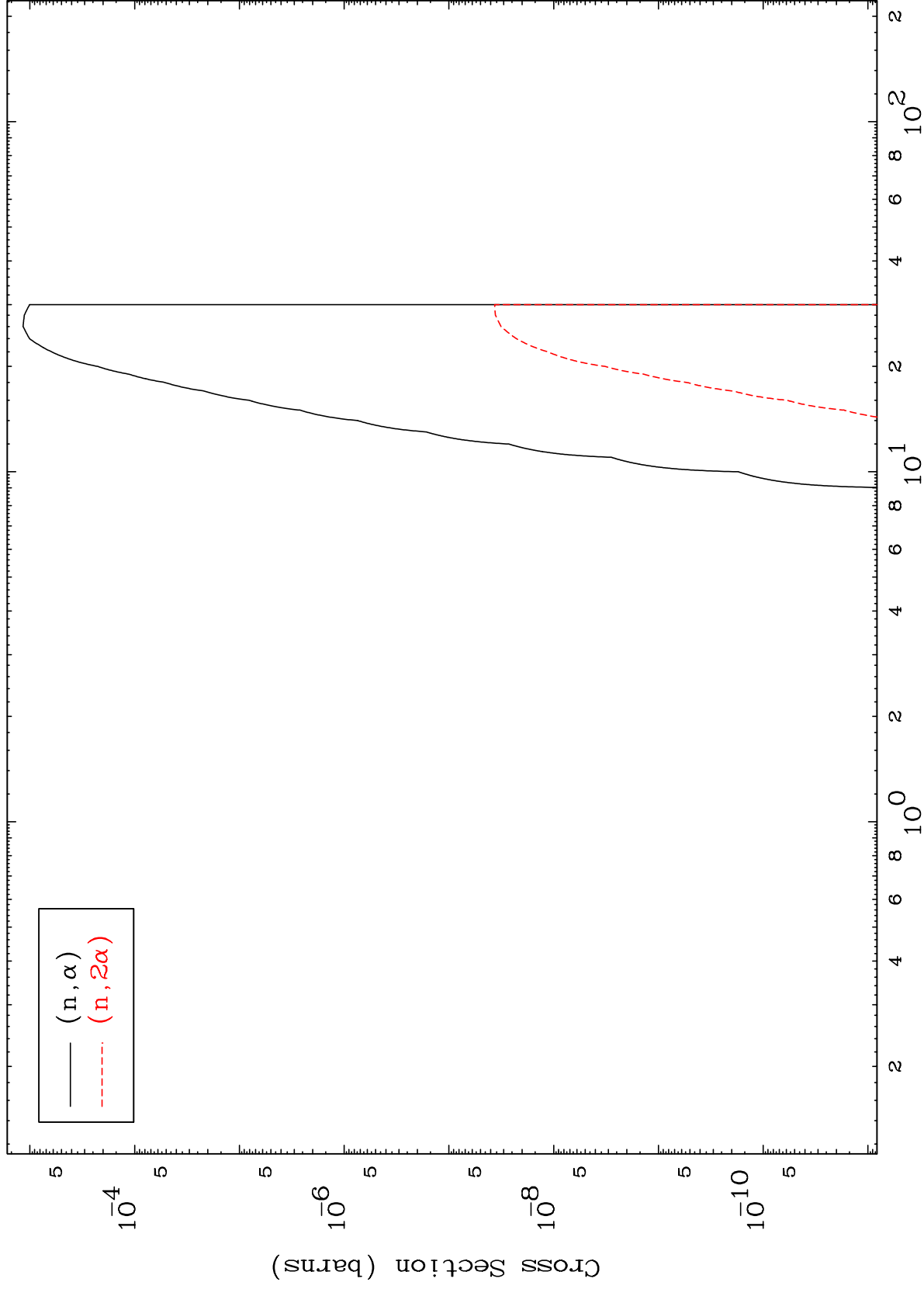
0 Kelvin Cross Sections



MAT 8441

$^{84}\text{Po-211m}$

(He-3, α) Levels
0 Kelvin Cross Sections



12

$^{84}\text{Po-211m}$

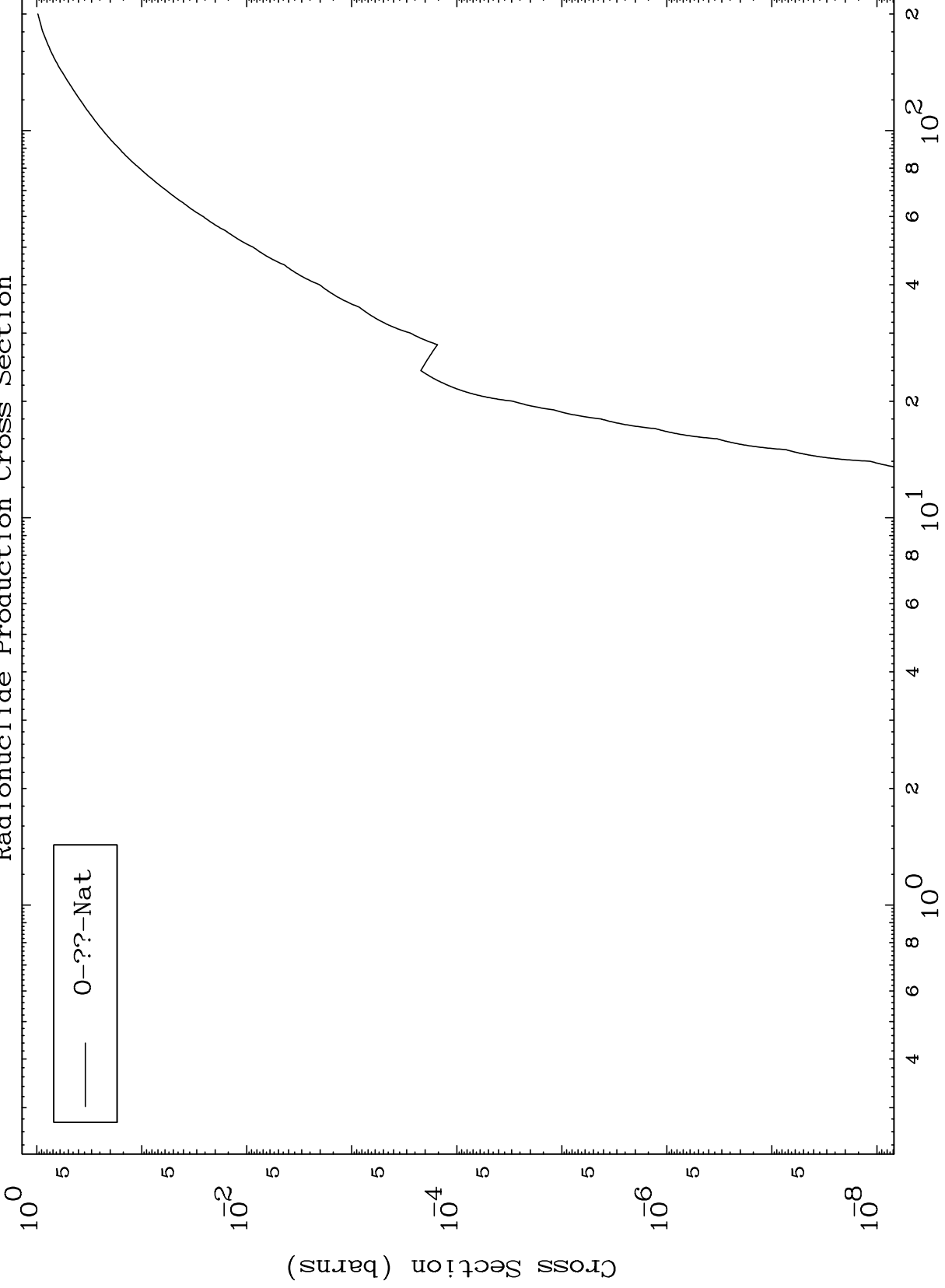
Incident Energy (MeV)

MAT 8441

Fission

⁸⁴Po-211m

Radionuclide Production Cross Section

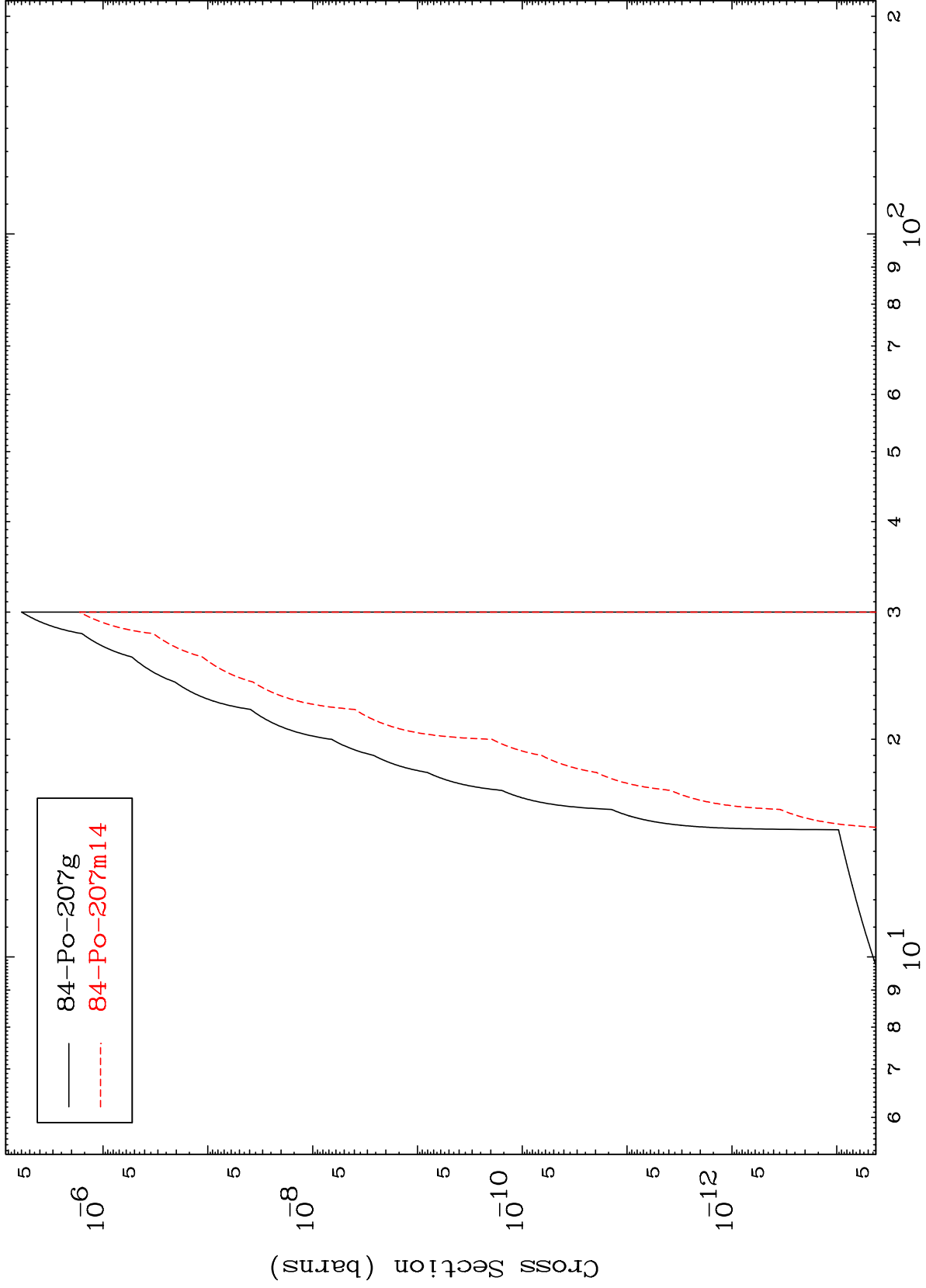


MAT 8441

$(n,3n) \alpha$

84-Po-211m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

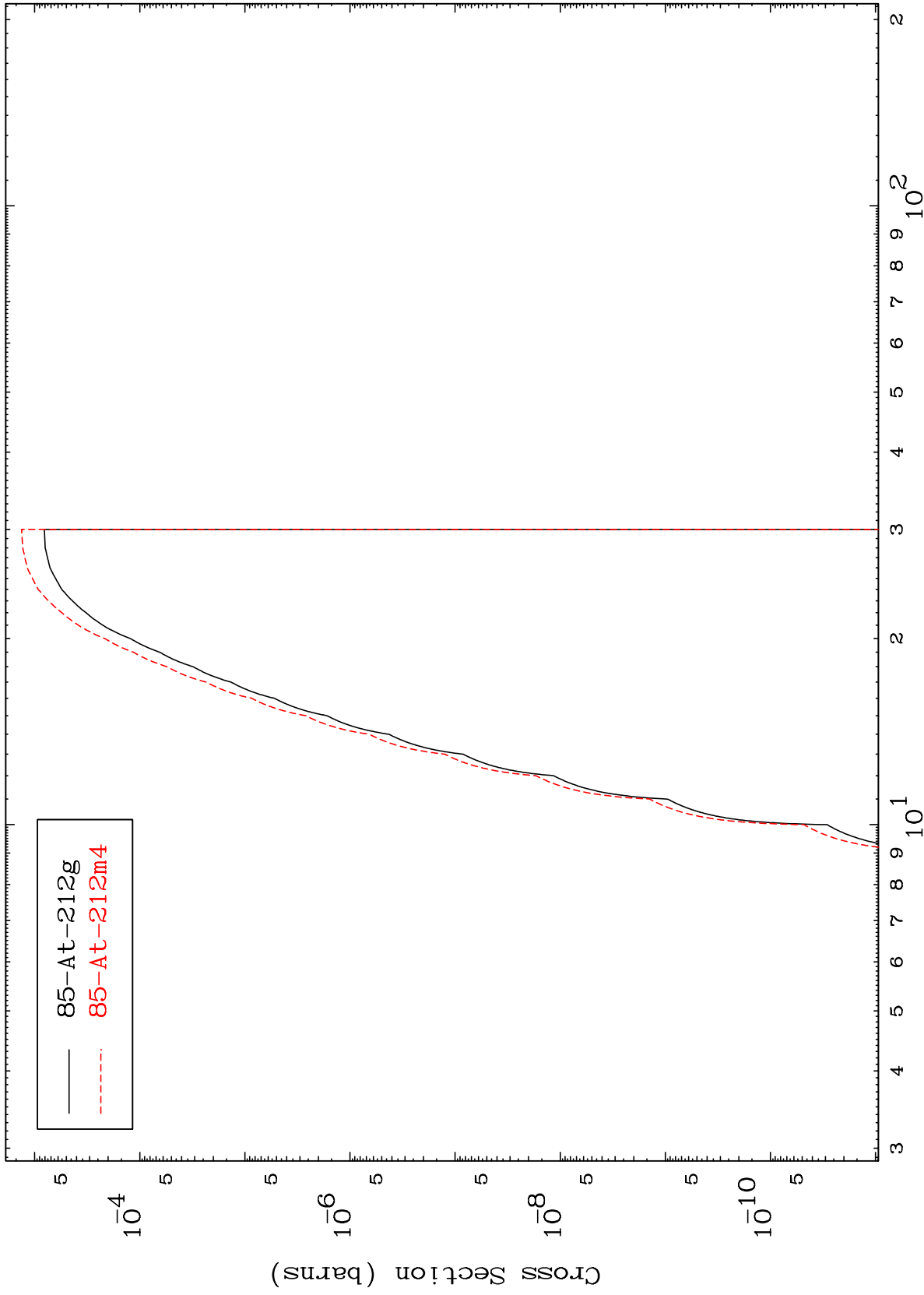
84-Po-211m

MAT 8441

(n,n') p

84-Po-211m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

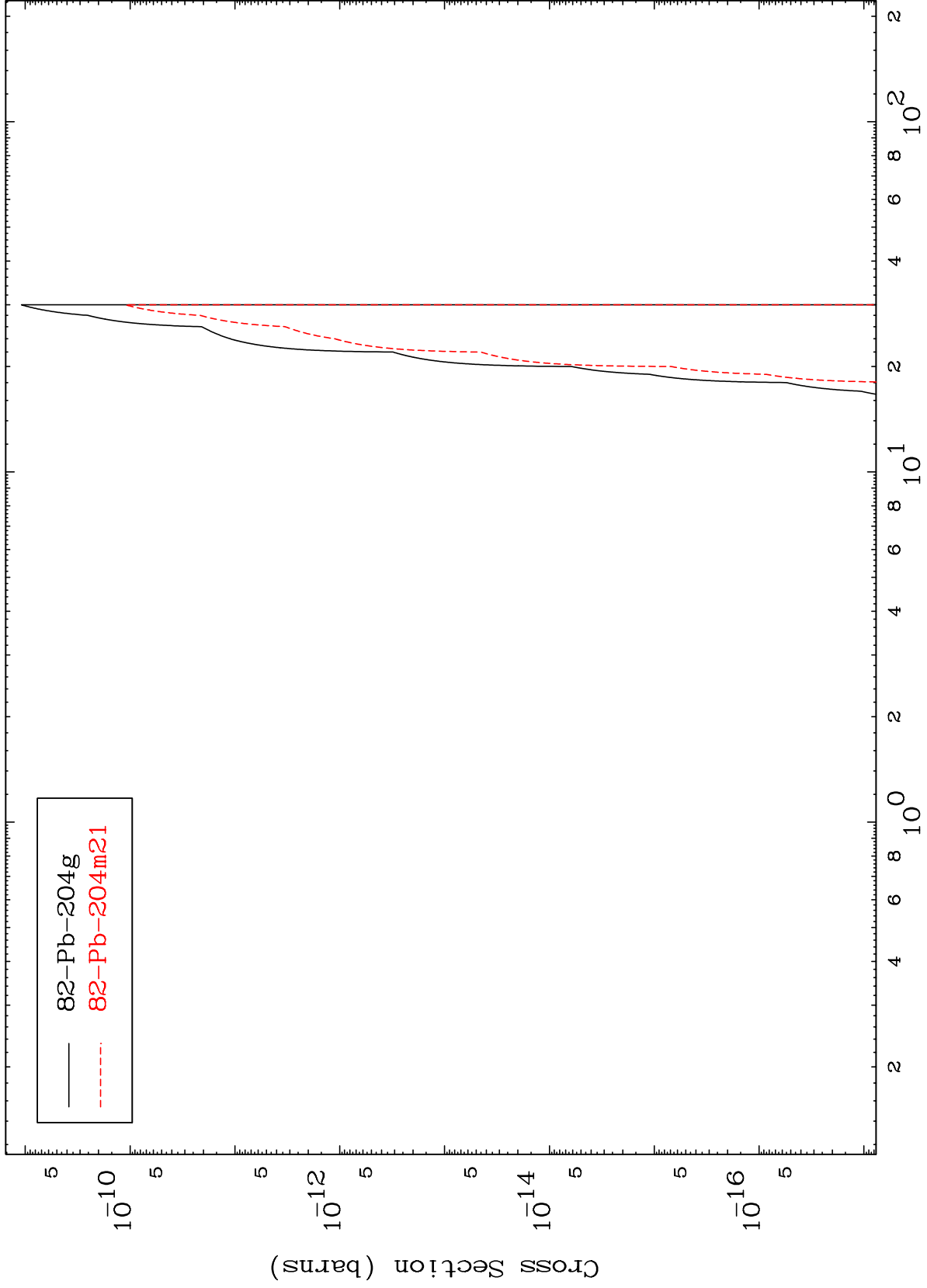
84-Po-211m

MAT 8441

(n,2n) 2 α

84-Po-211m

Radionuclide Production Cross Section

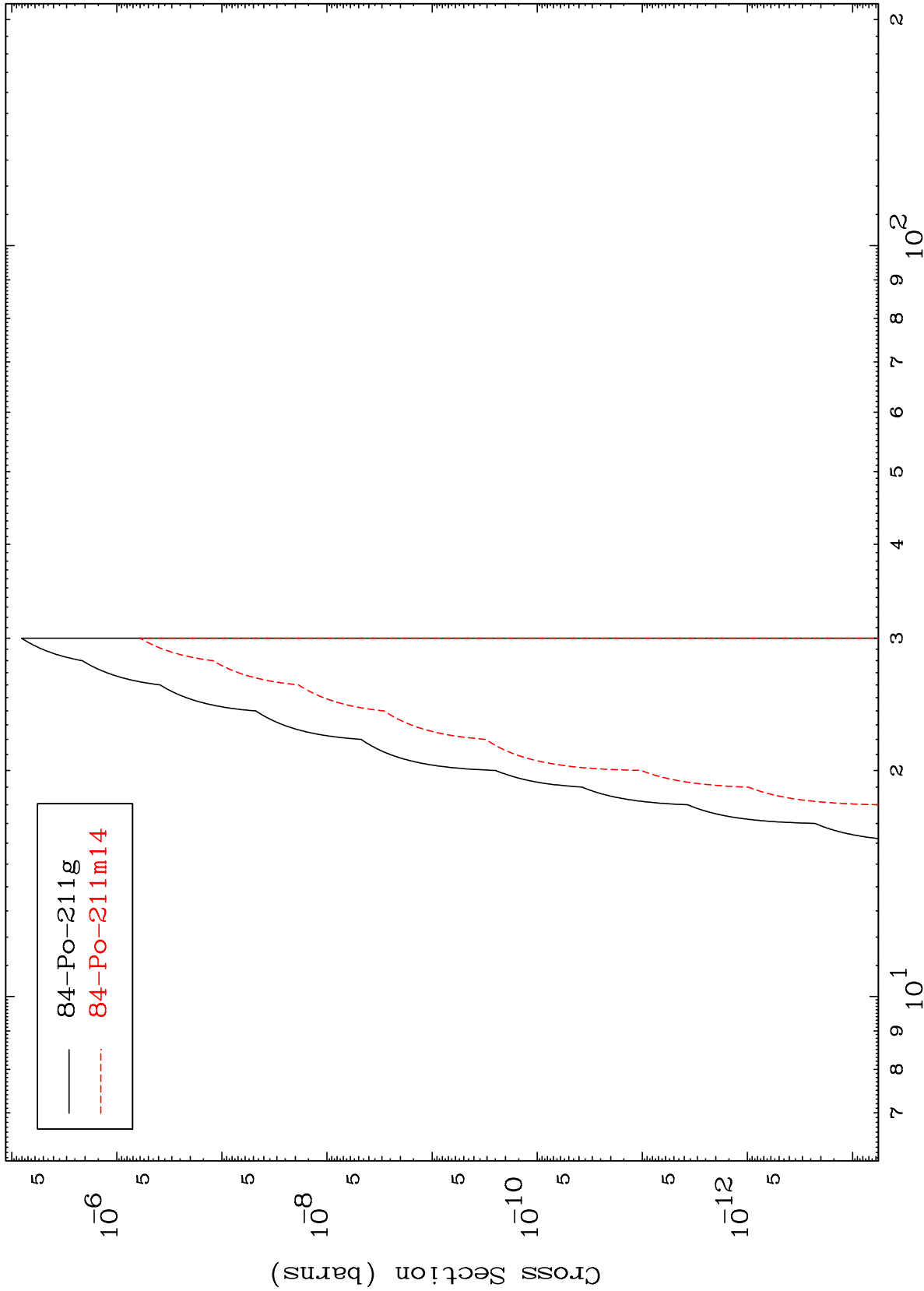


MAT 8441

(n,2n) p

84-Po-211m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

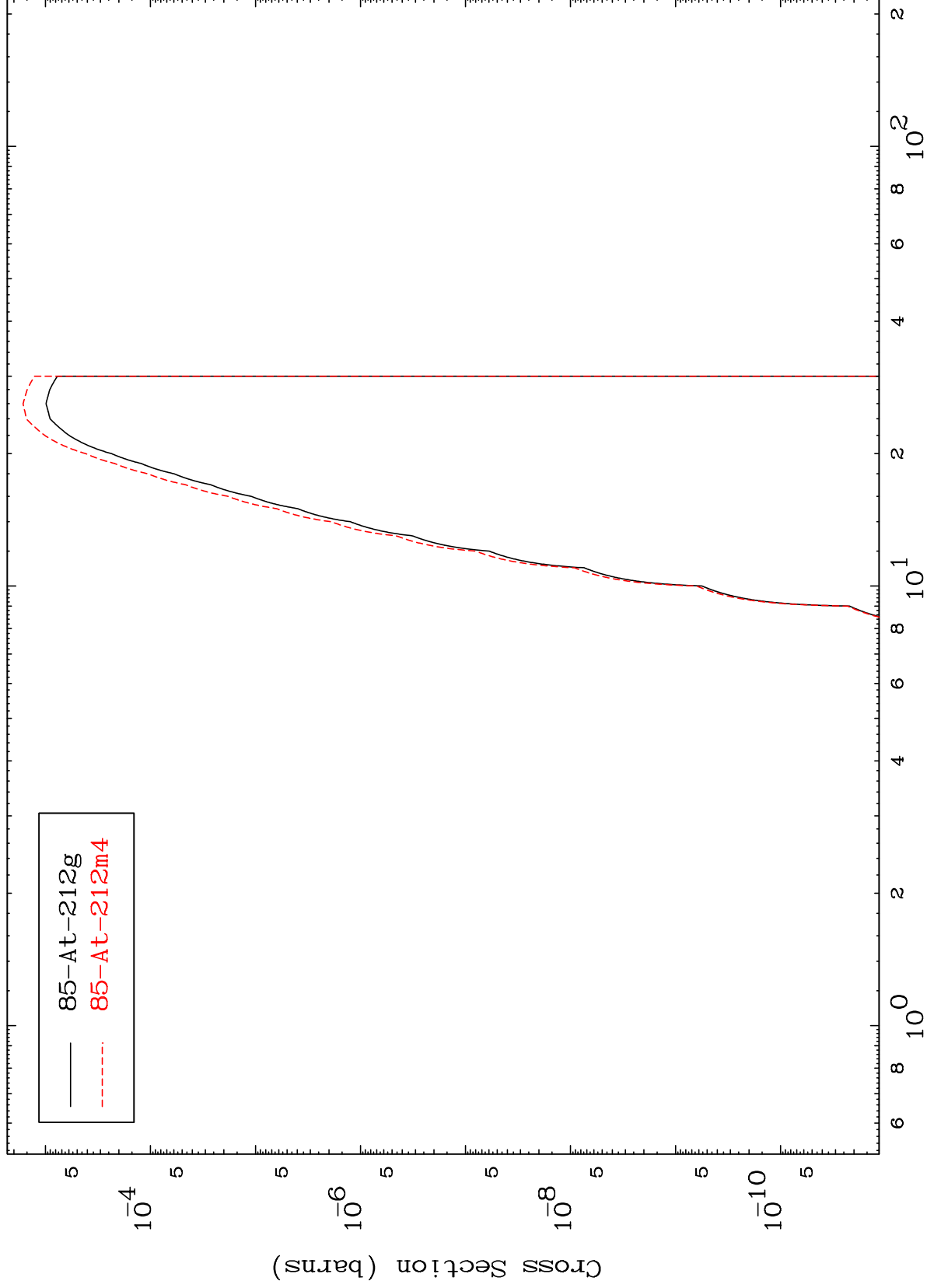
84-Po-211m

MAT 8441

(n,d)

84-Po-211m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

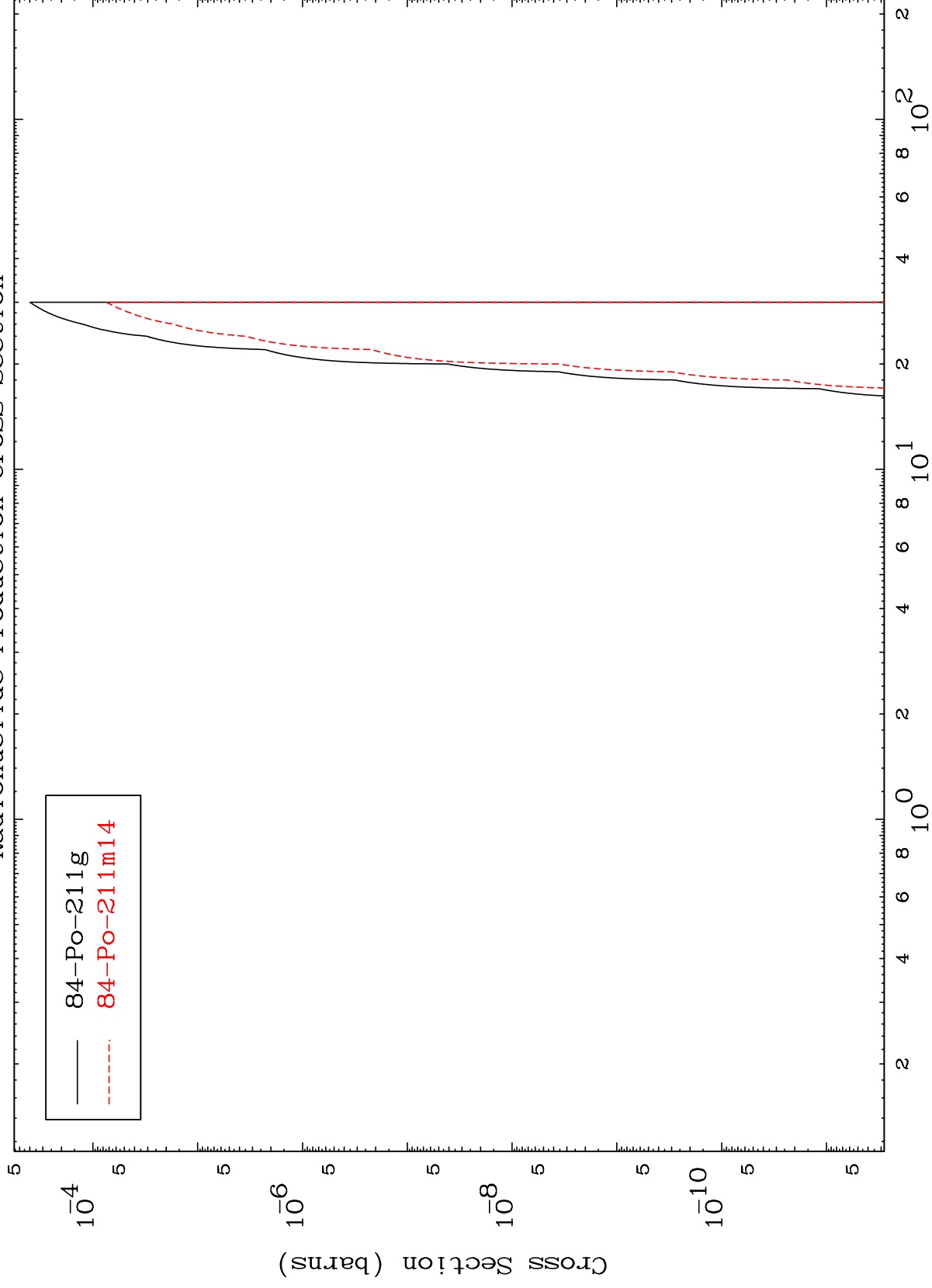
84-Po-211m

MAT 8441

(n,He-3)

84-Po-211m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

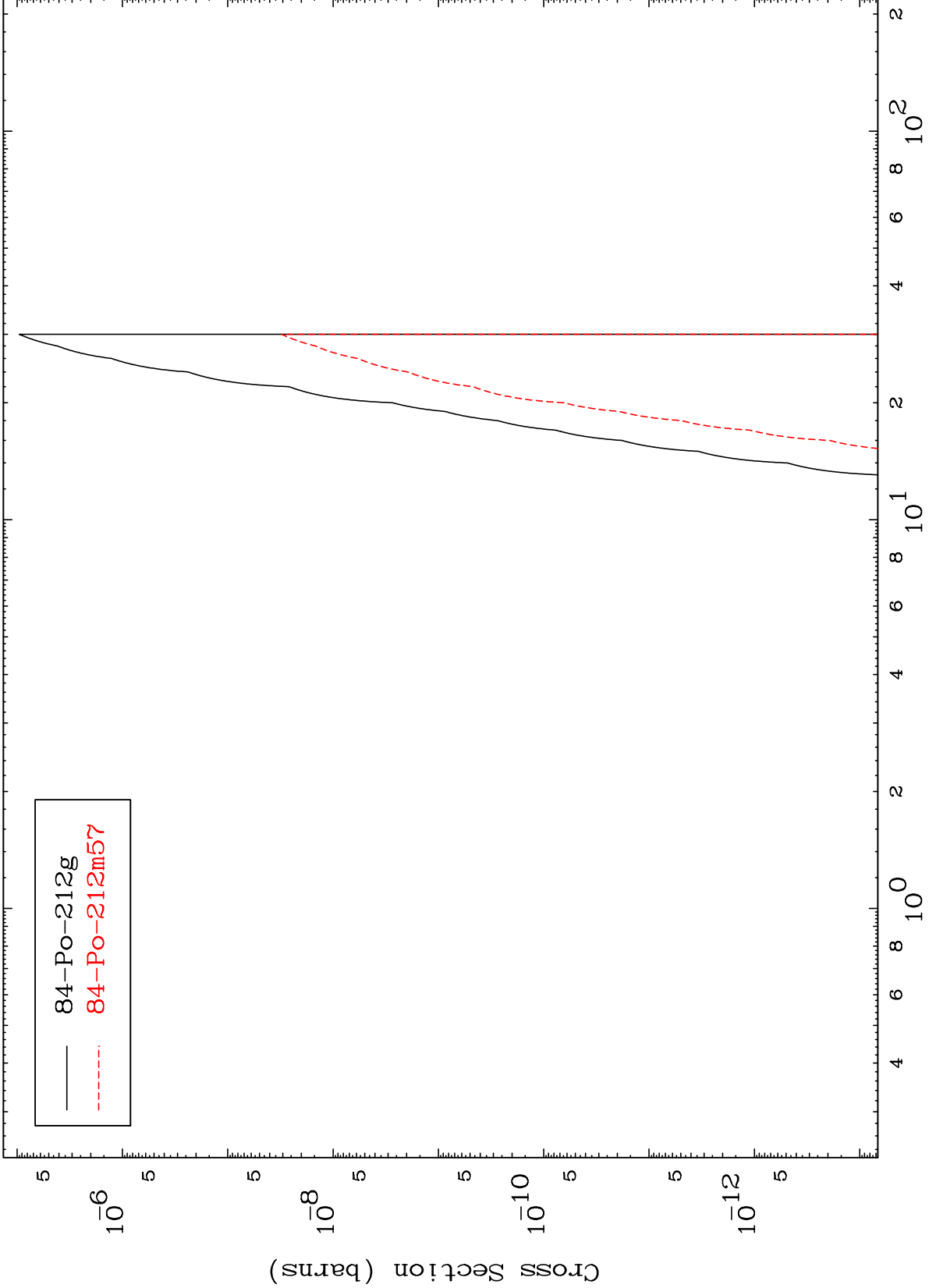
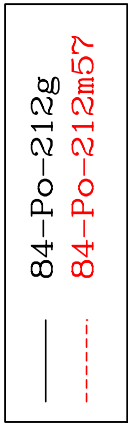
84-Po-211m

MAT 8441

(n,2p)

84-Po-211m

Radionuclide Production Cross Section

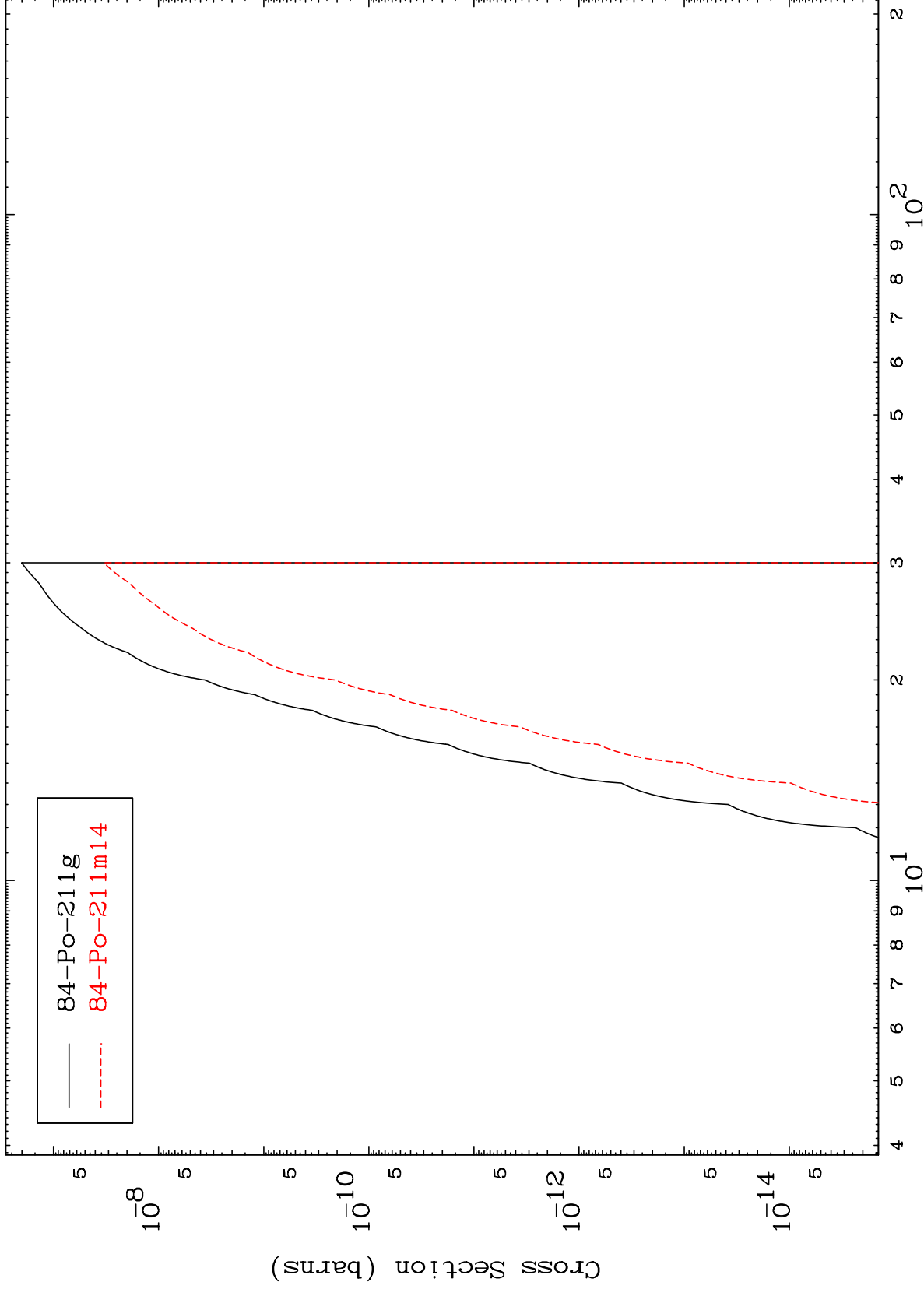


MAT 8441

(n,p) d

84-Po-211m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

84-Po-211m