

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

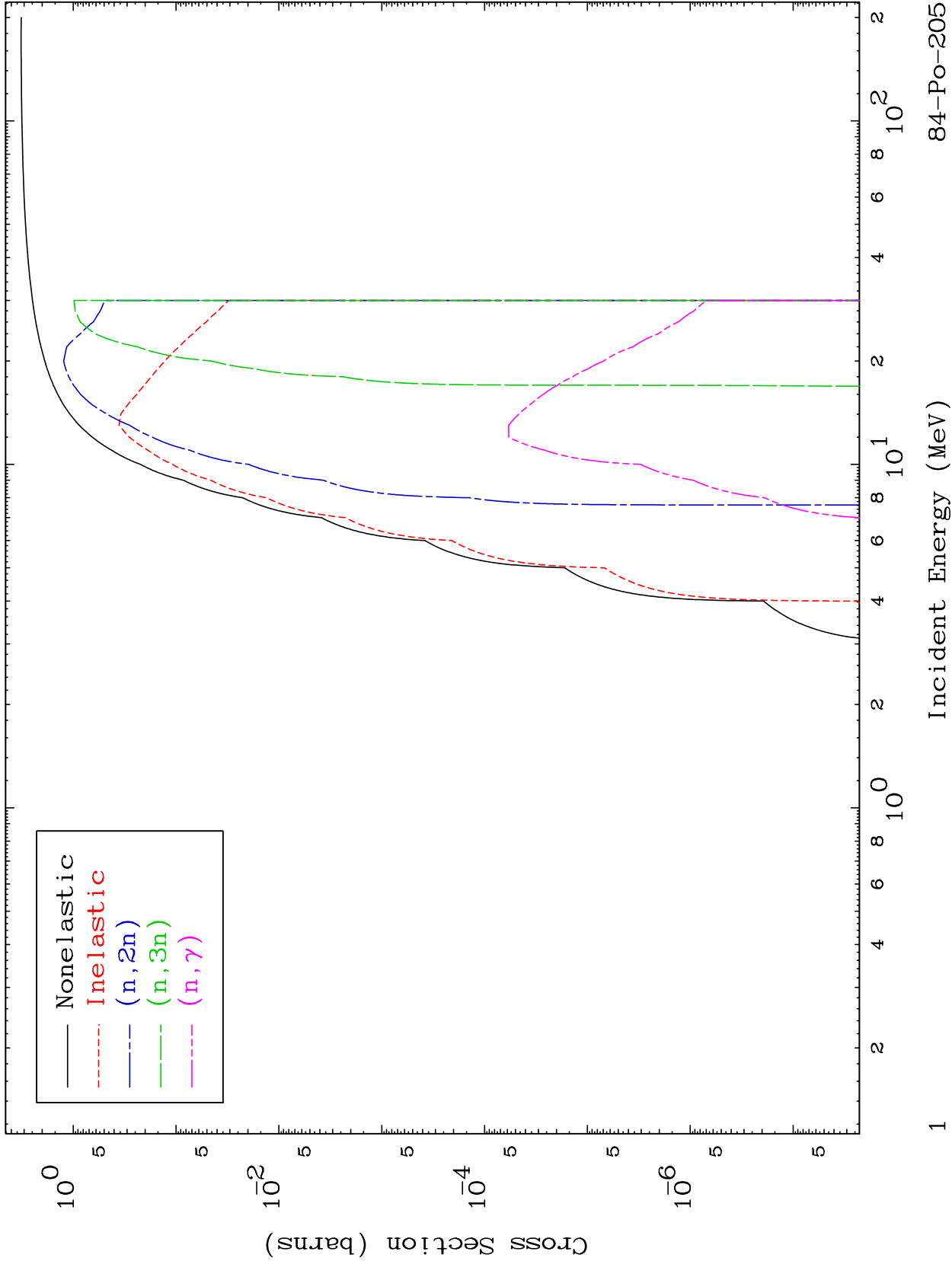
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Web:redcullen1.net/HOMEPAGE.NEW

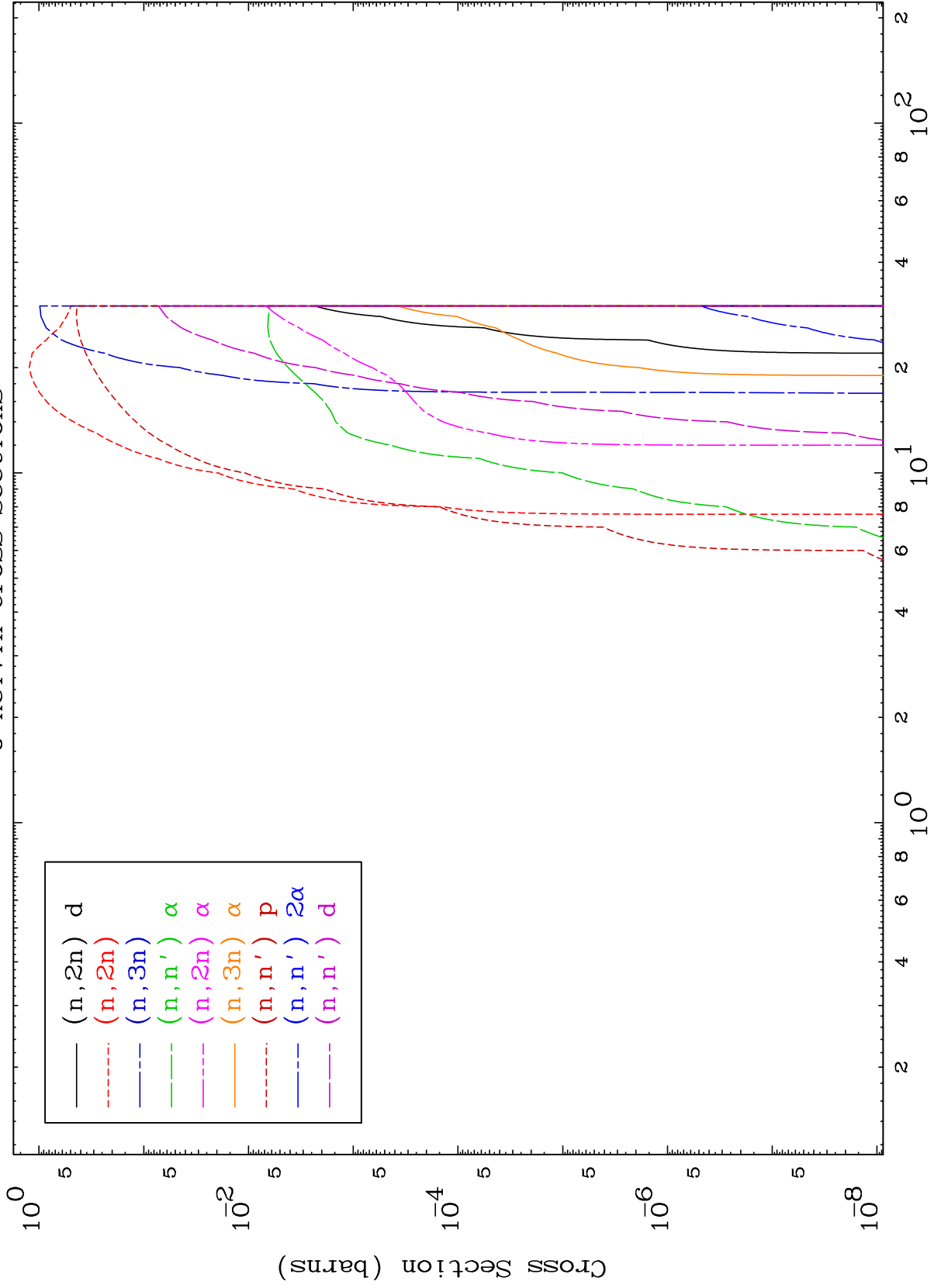
Press Mouse Button to Start

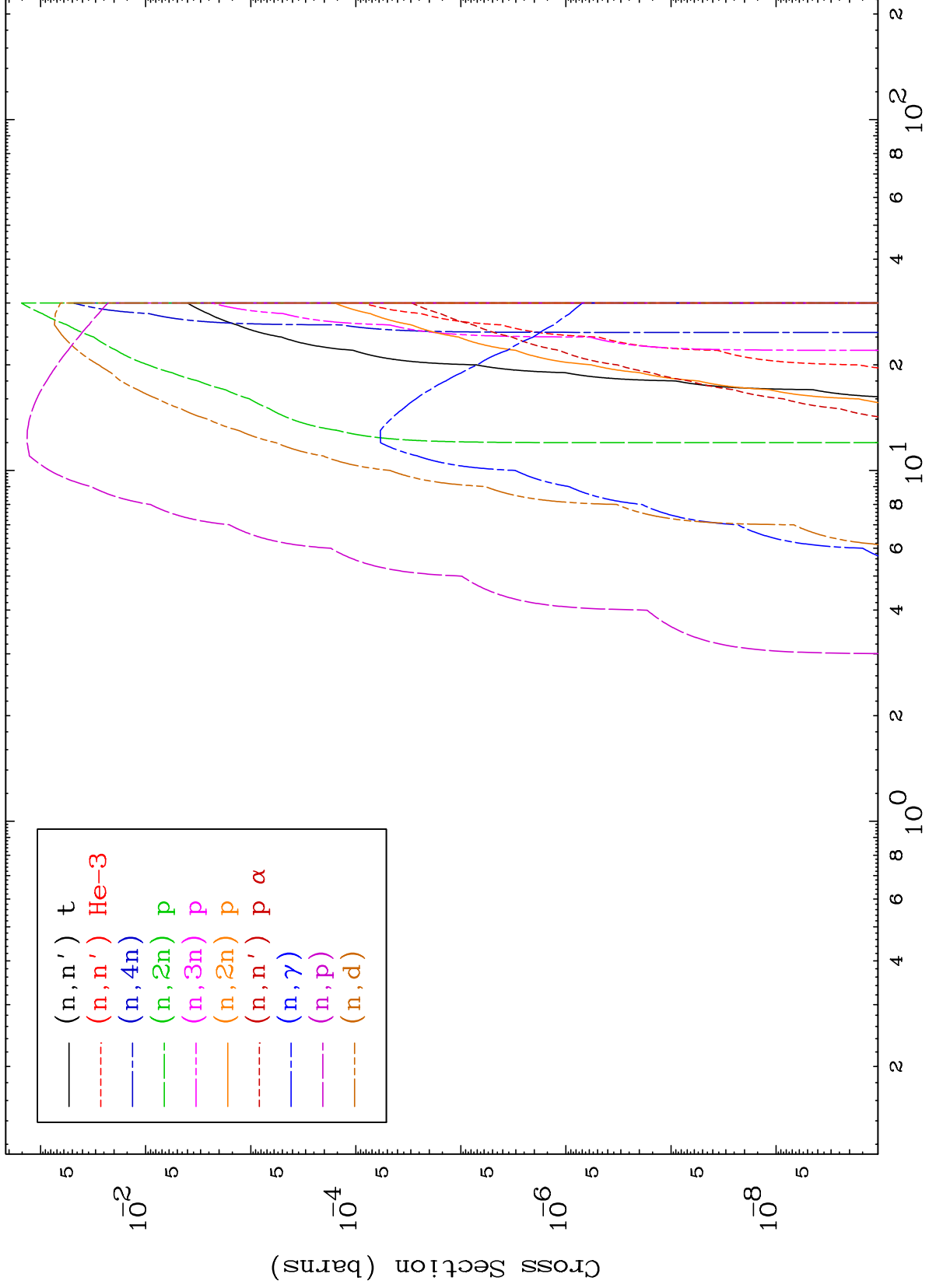


MAT 8422

Deuteron Neutron Absorption
0 Kelvin Cross Sections

84-Po-205

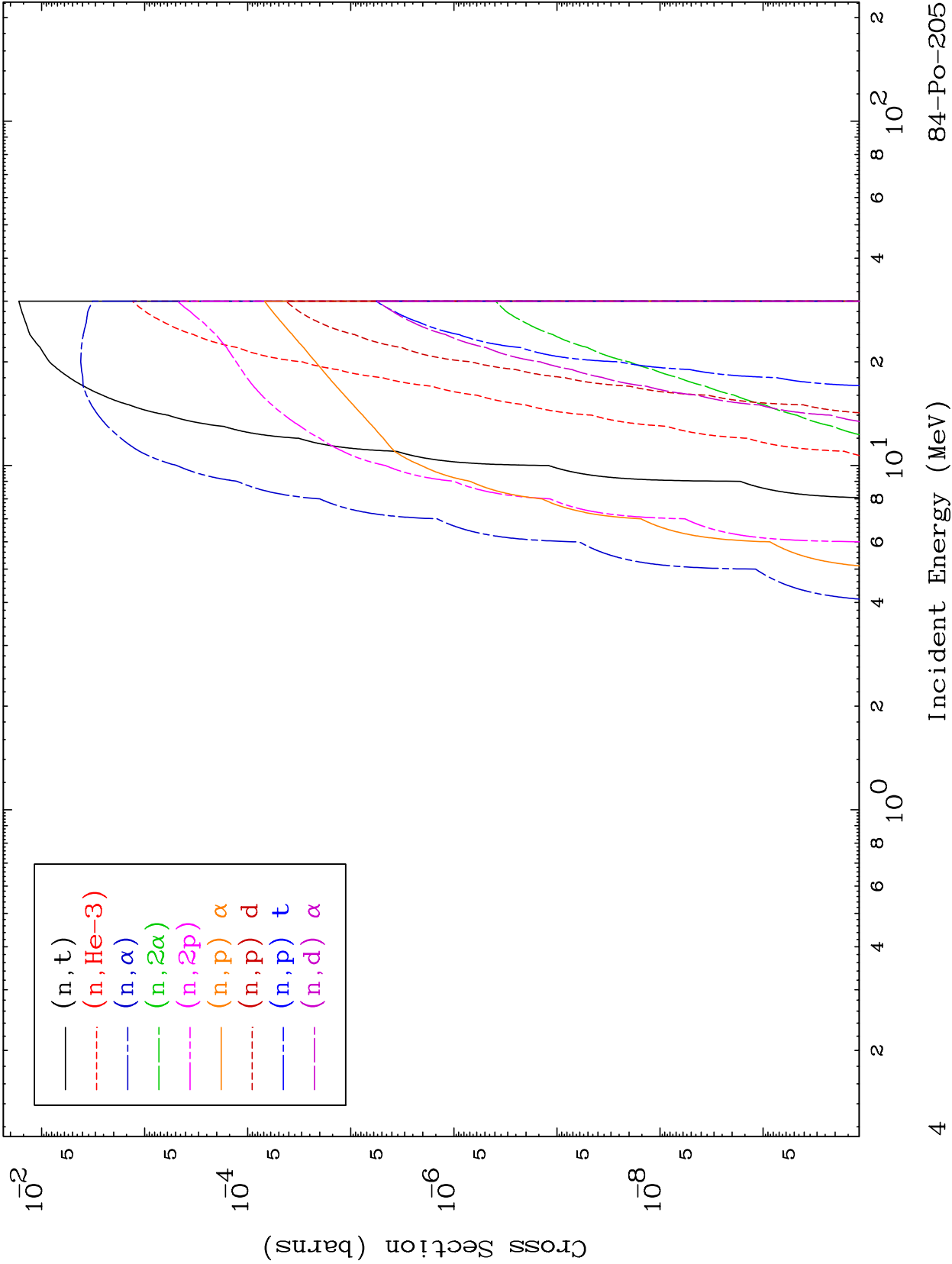


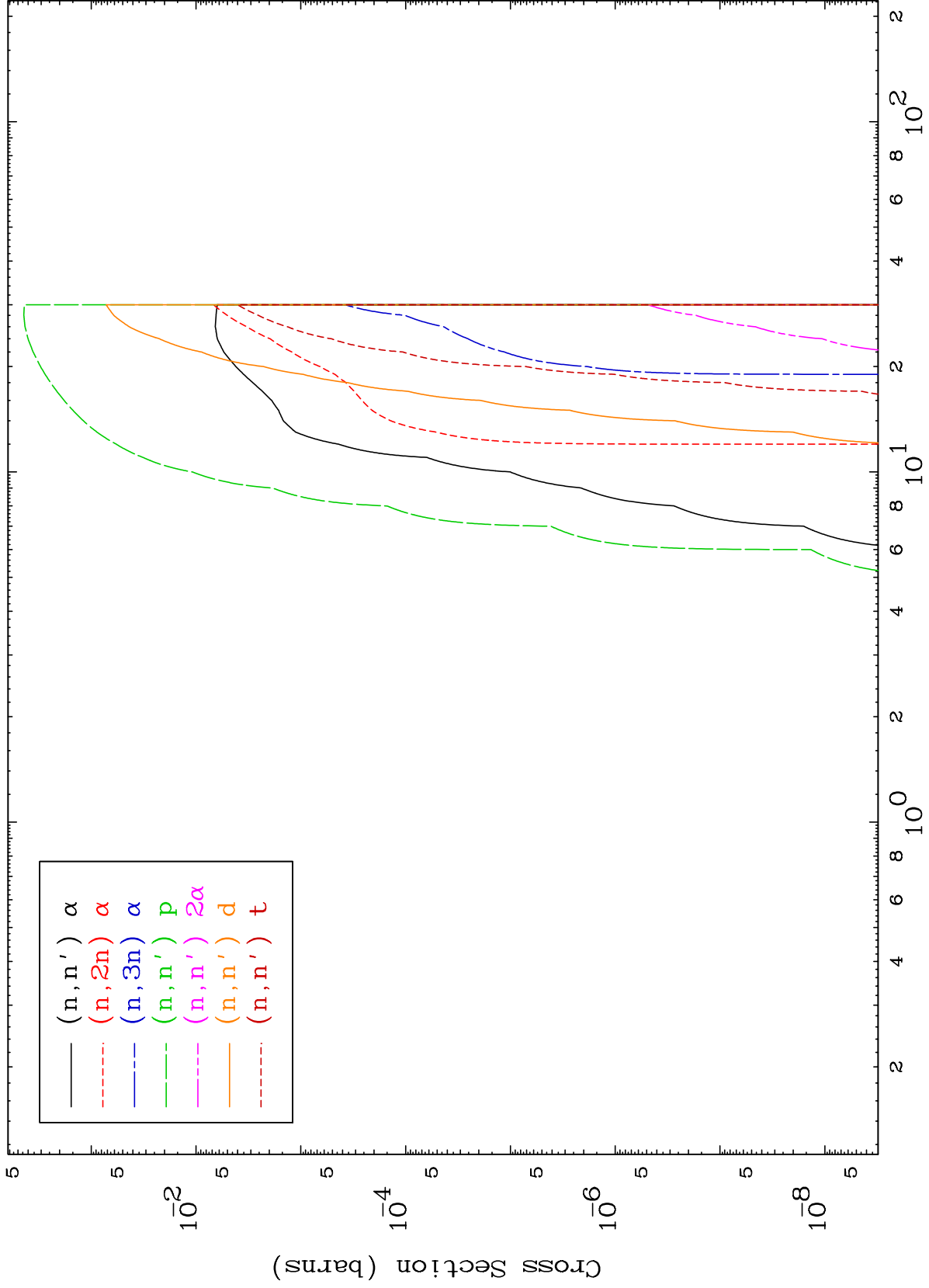


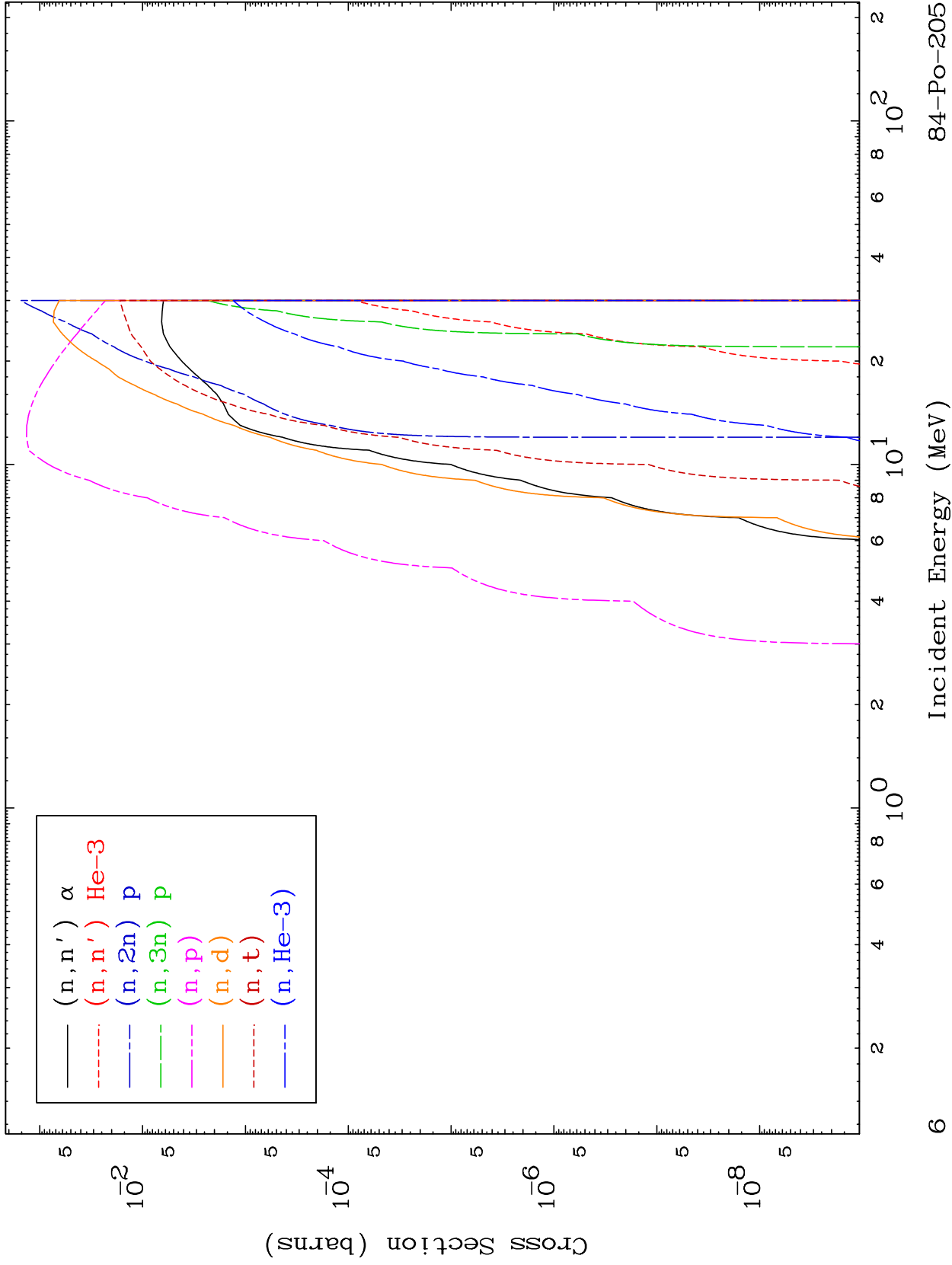
MAT 8422

Deuteron Neutron Absorption
0 Kelvin Cross Sections

84-Po-205



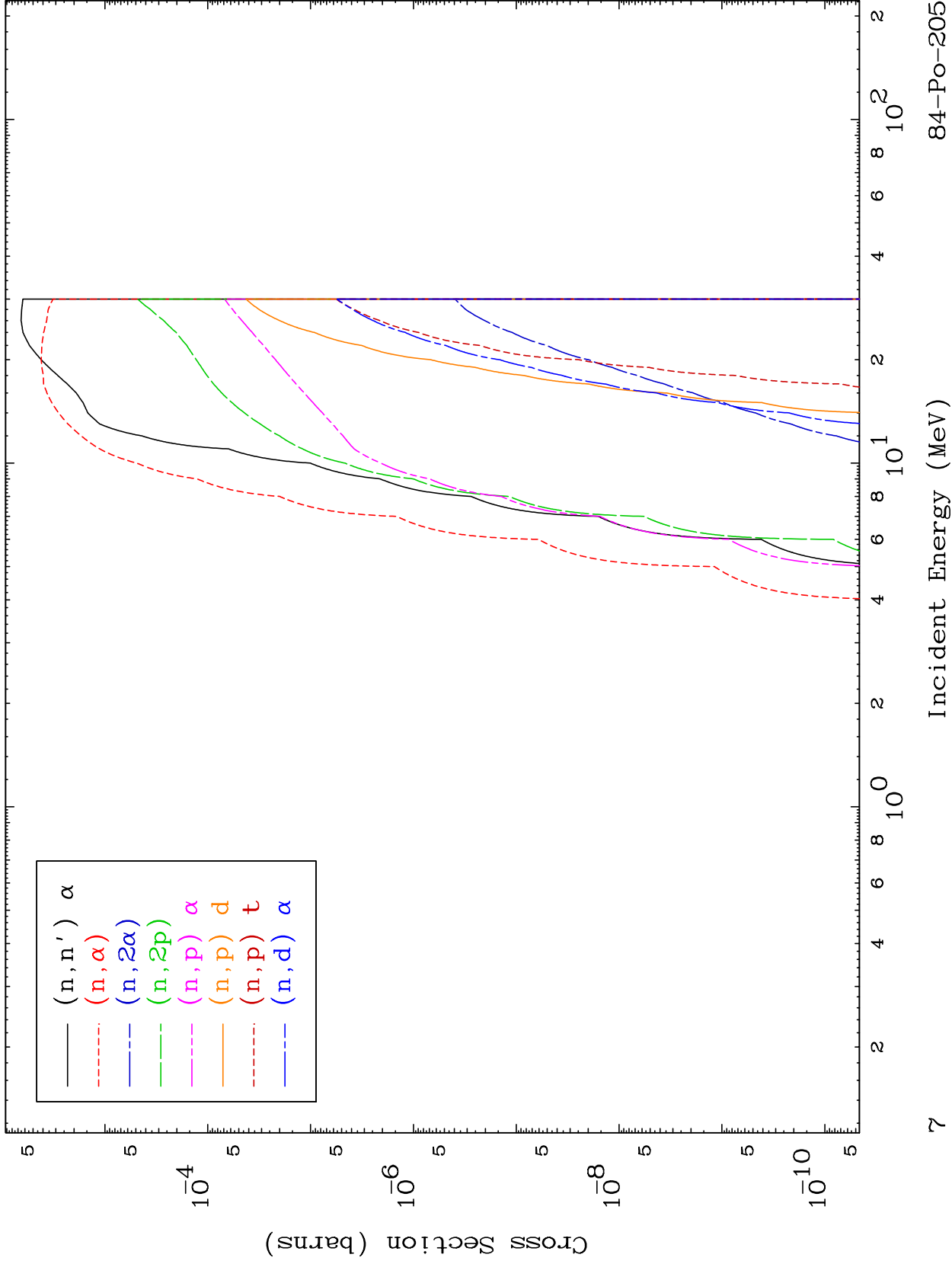




MAT 8422

Deuteron Charged Particle
0 Kelvin Cross Sections

84-Po-205

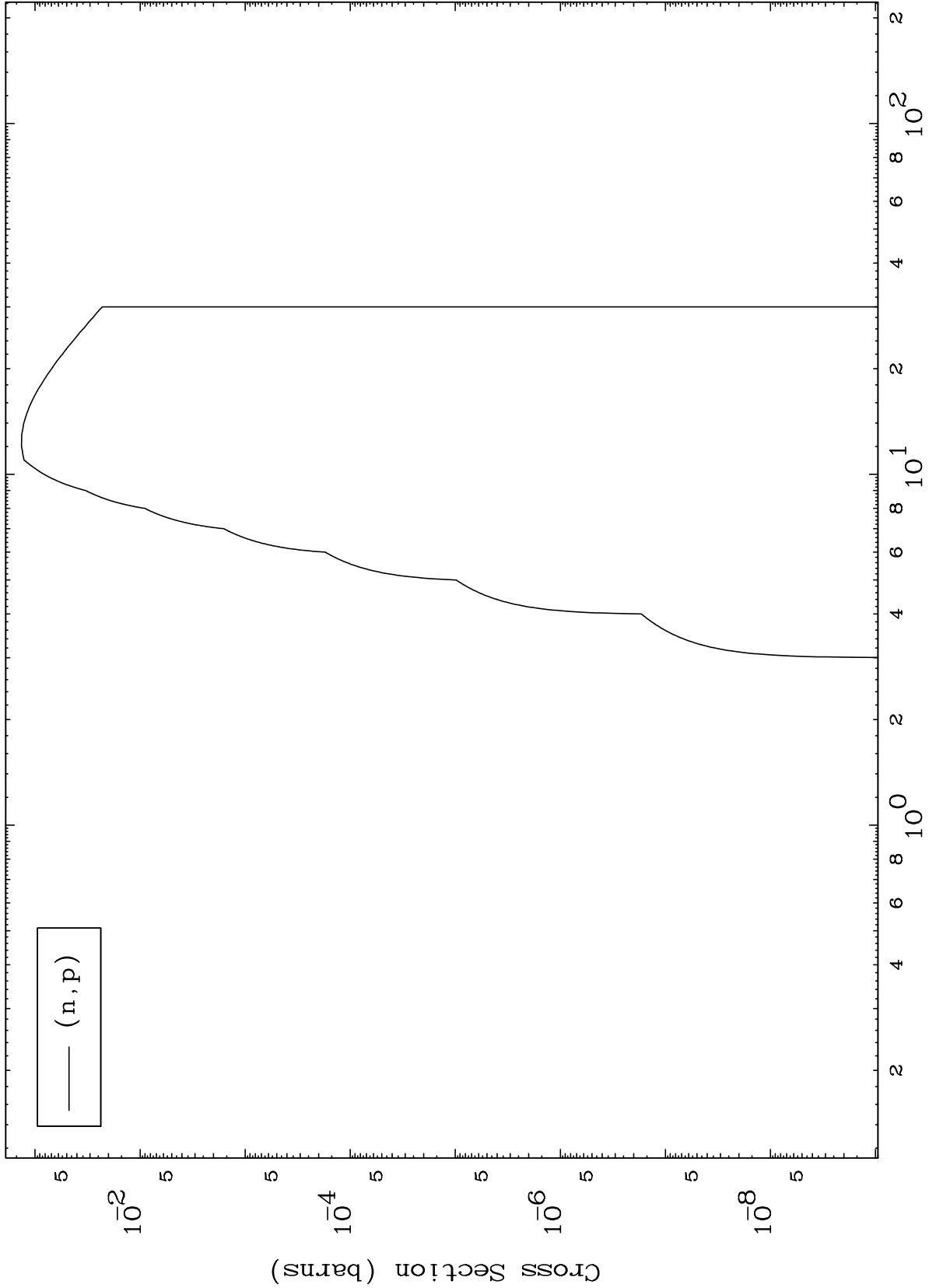


MAT 8422

(d,p) Levels

84-Po-205

0 Kelvin Cross Sections

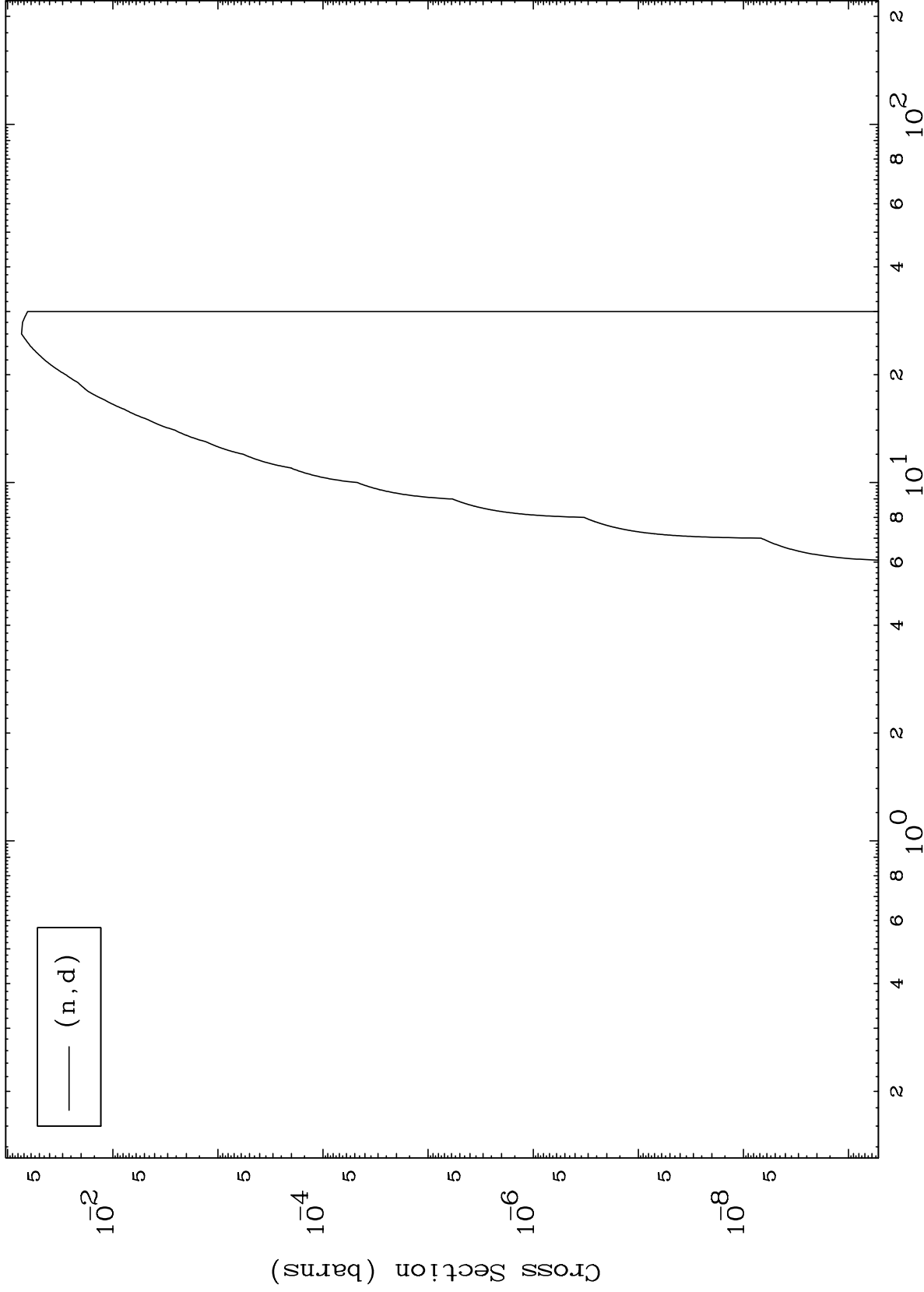


(n,p)

MAT 8422

(d,d) Levels
0 Kelvin Cross Sections

84-Po-205

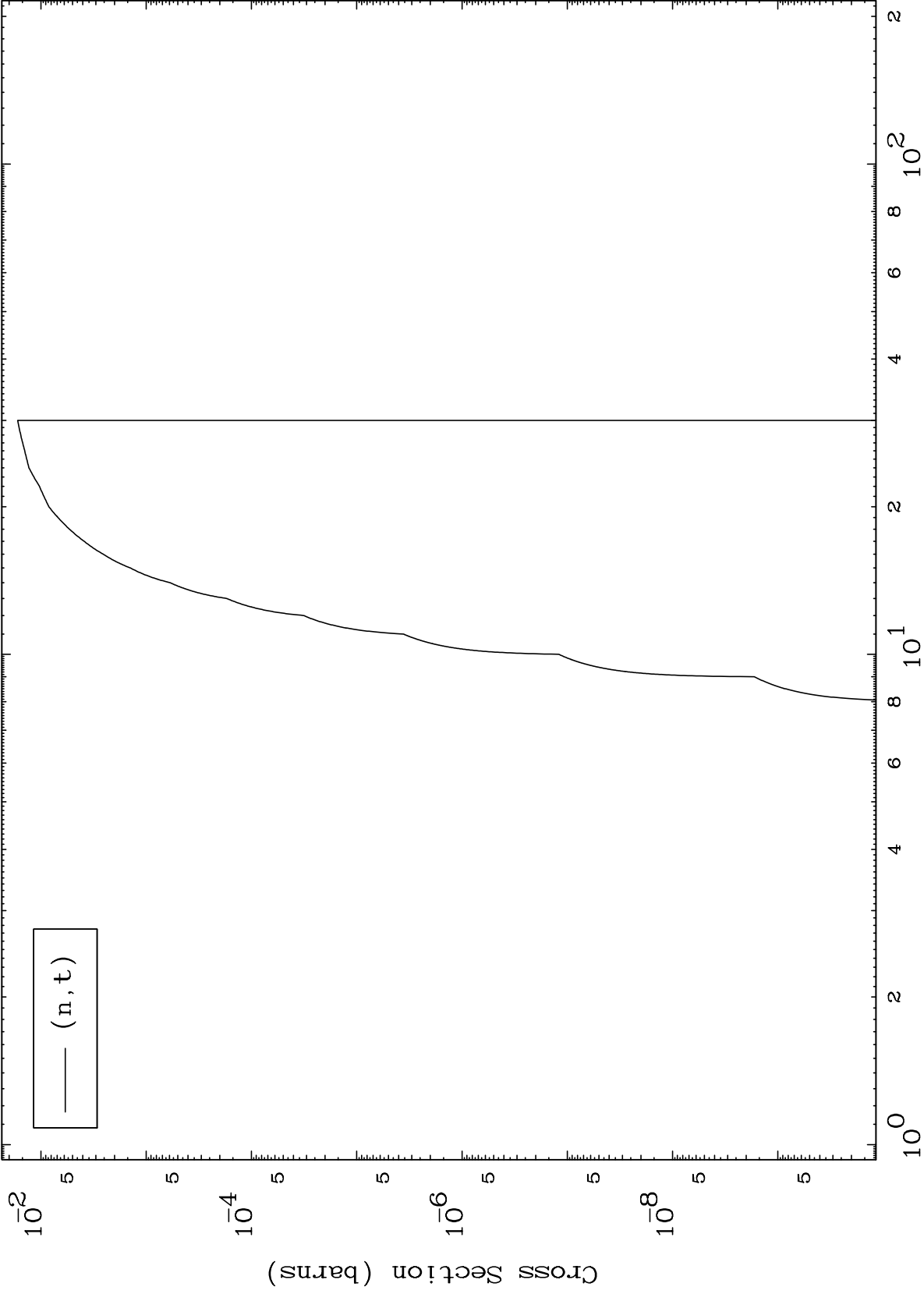


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(d, t) Levels

84-Po-205

0 Kelvin Cross Sections



Incident Energy (MeV)

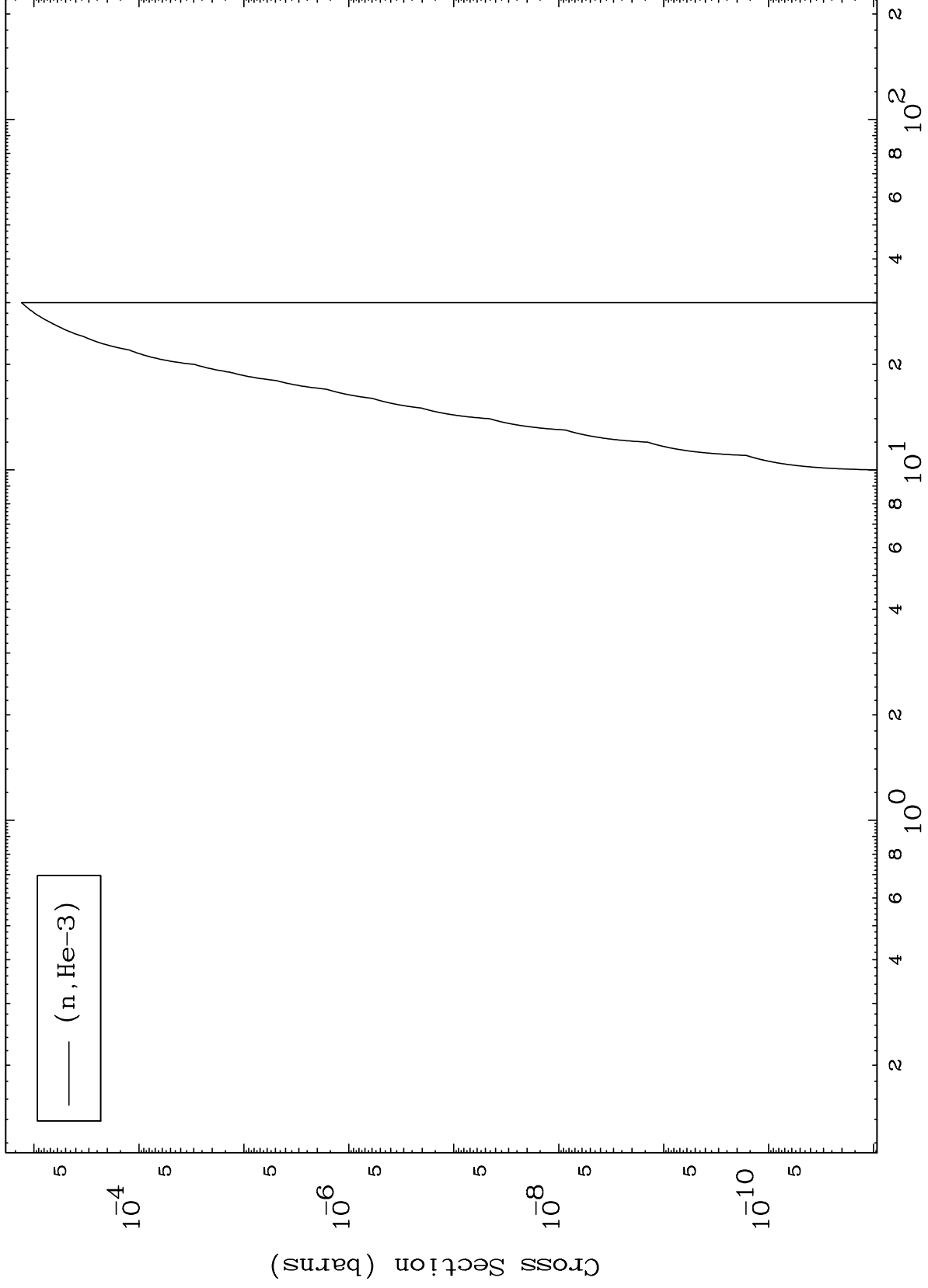
84-Po-205

MAT 8422

(d,He3) Levels

84-Po-205

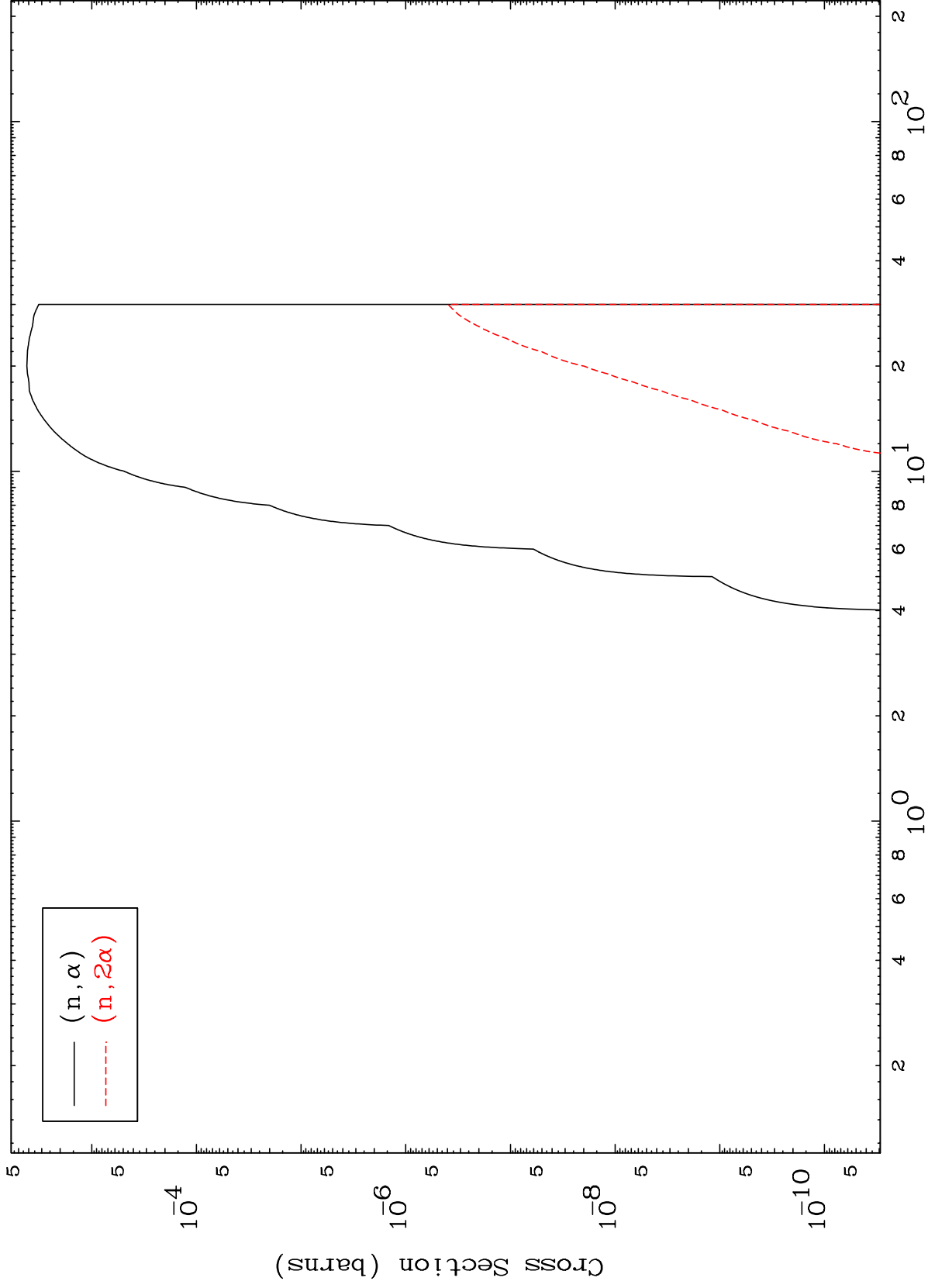
0 Kelvin Cross Sections



MAT 8422

(d, α) Levels
0 Kelvin Cross Sections

84-Po-205



12

Incident Energy (MeV)

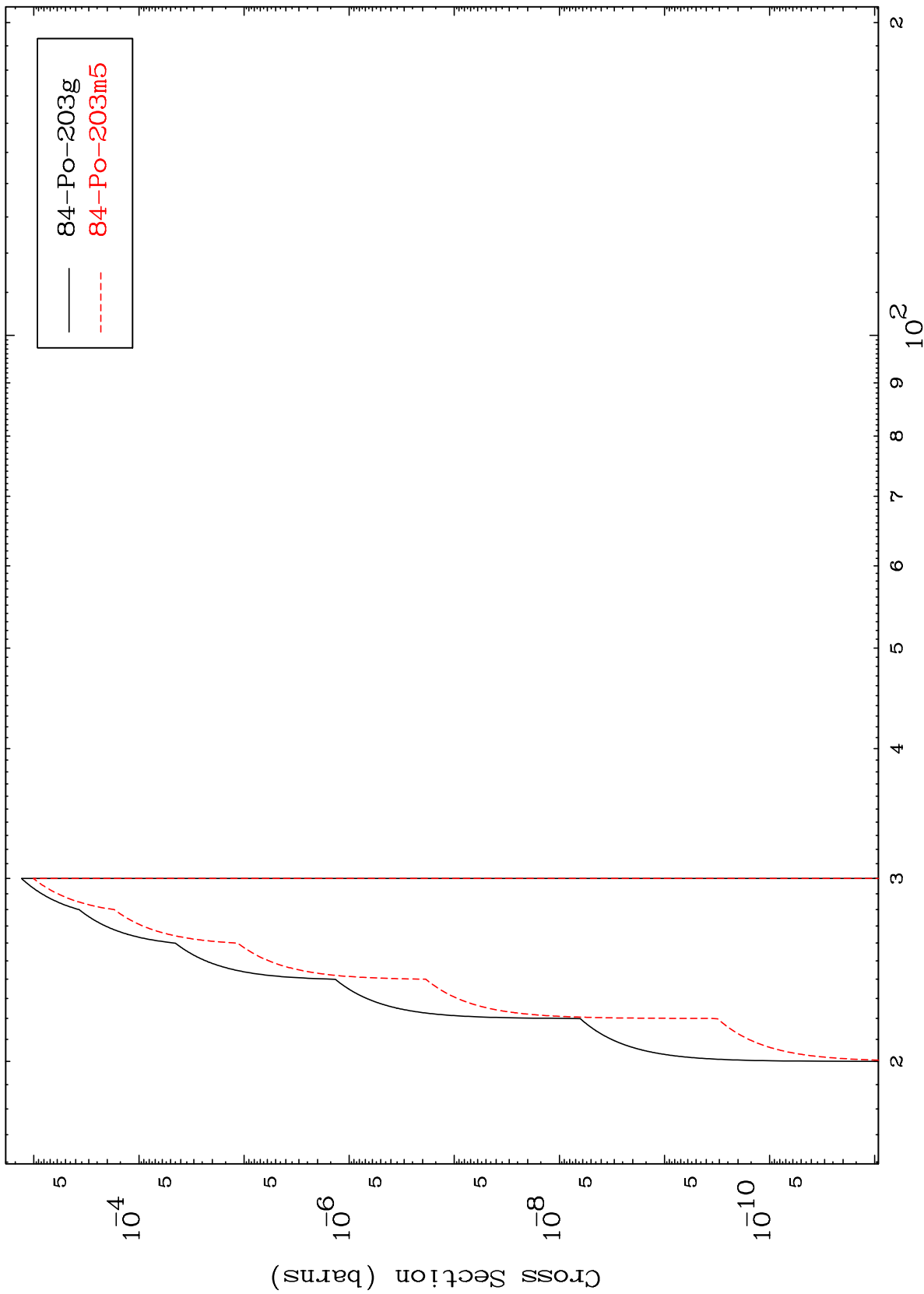
84-Po-205

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(n,2n) d

84-Po-205

Radionuclide Production Cross Section



13

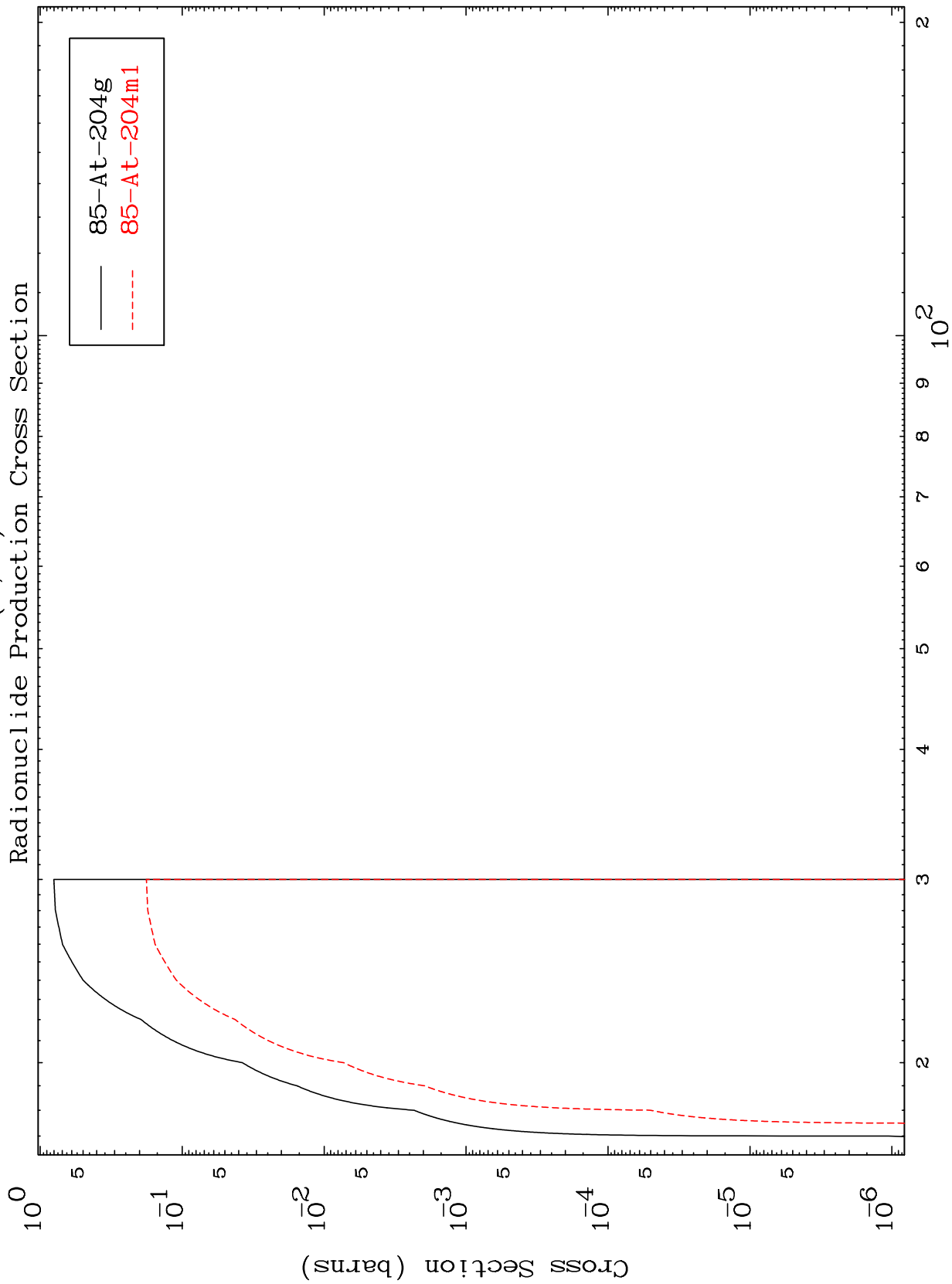
Incident Energy (MeV)

84-Po-205

MAT 8422

84-Po-205

(n,3n)
Radionuclide Production Cross Section



14

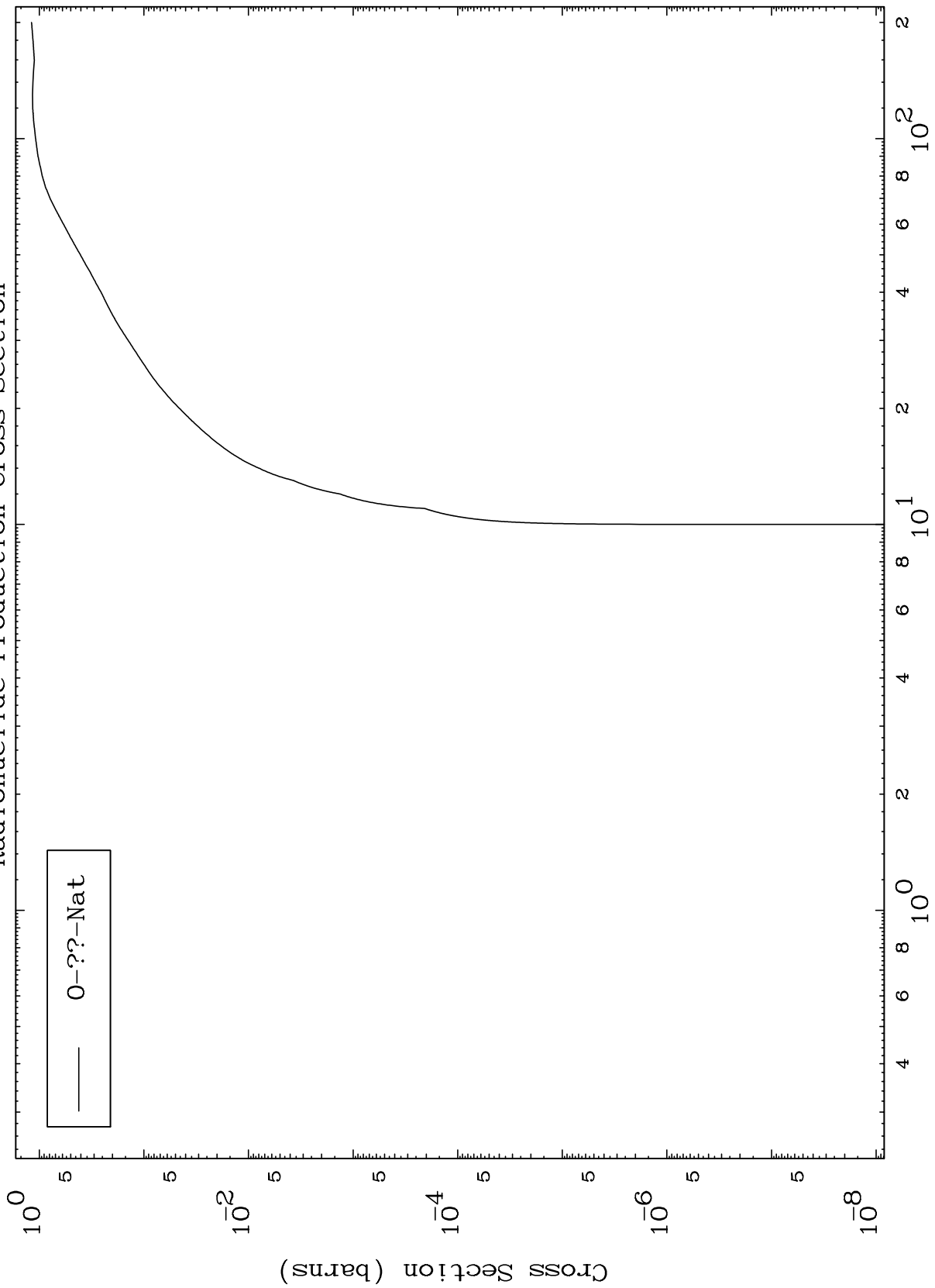
Incident Energy (MeV)

84-Po-205

MAT 8422

84-Po-205

Fission
Radionuclide Production Cross Section

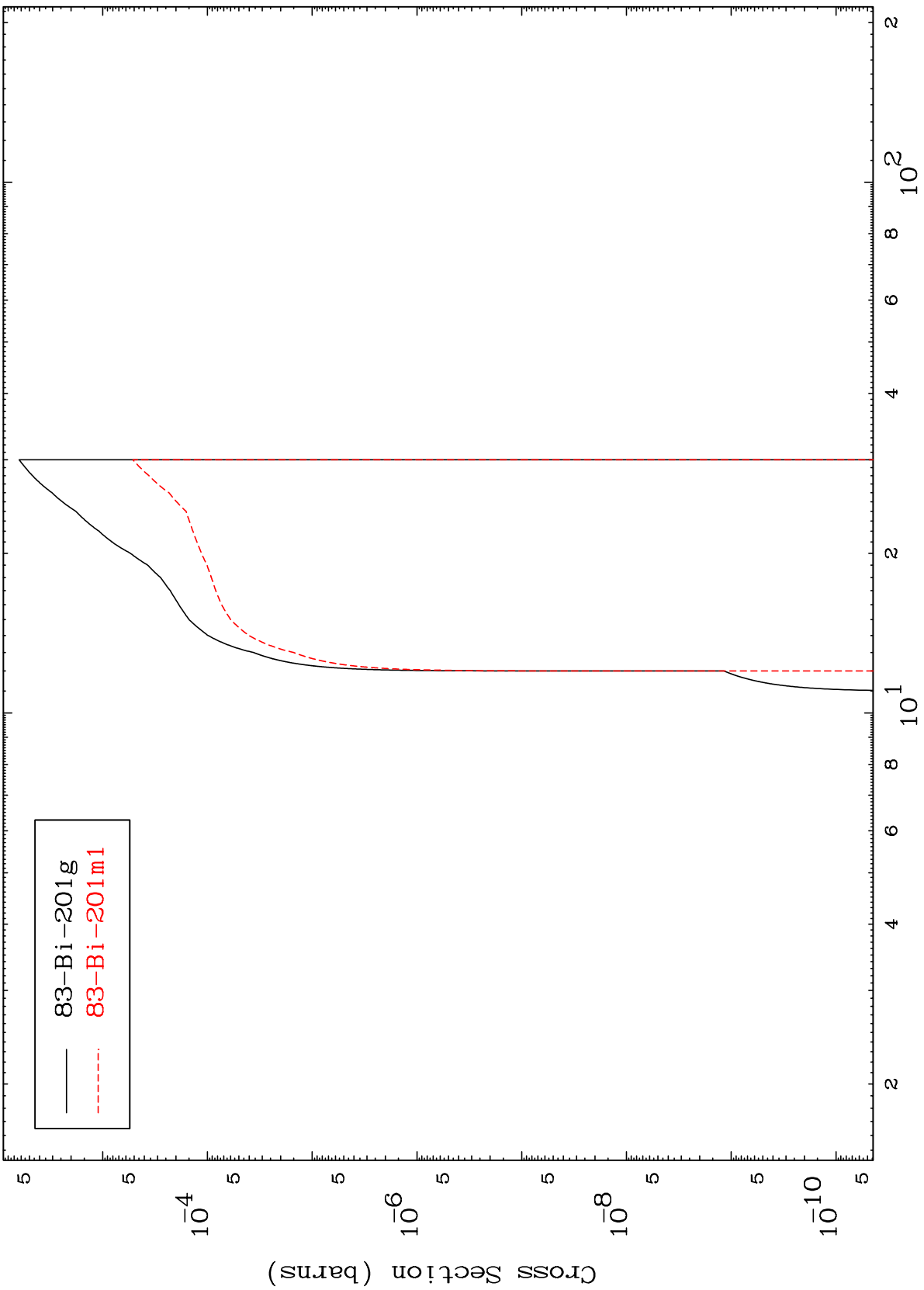


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(n,2n) α

84-Po-205

Radionuclide Production Cross Section

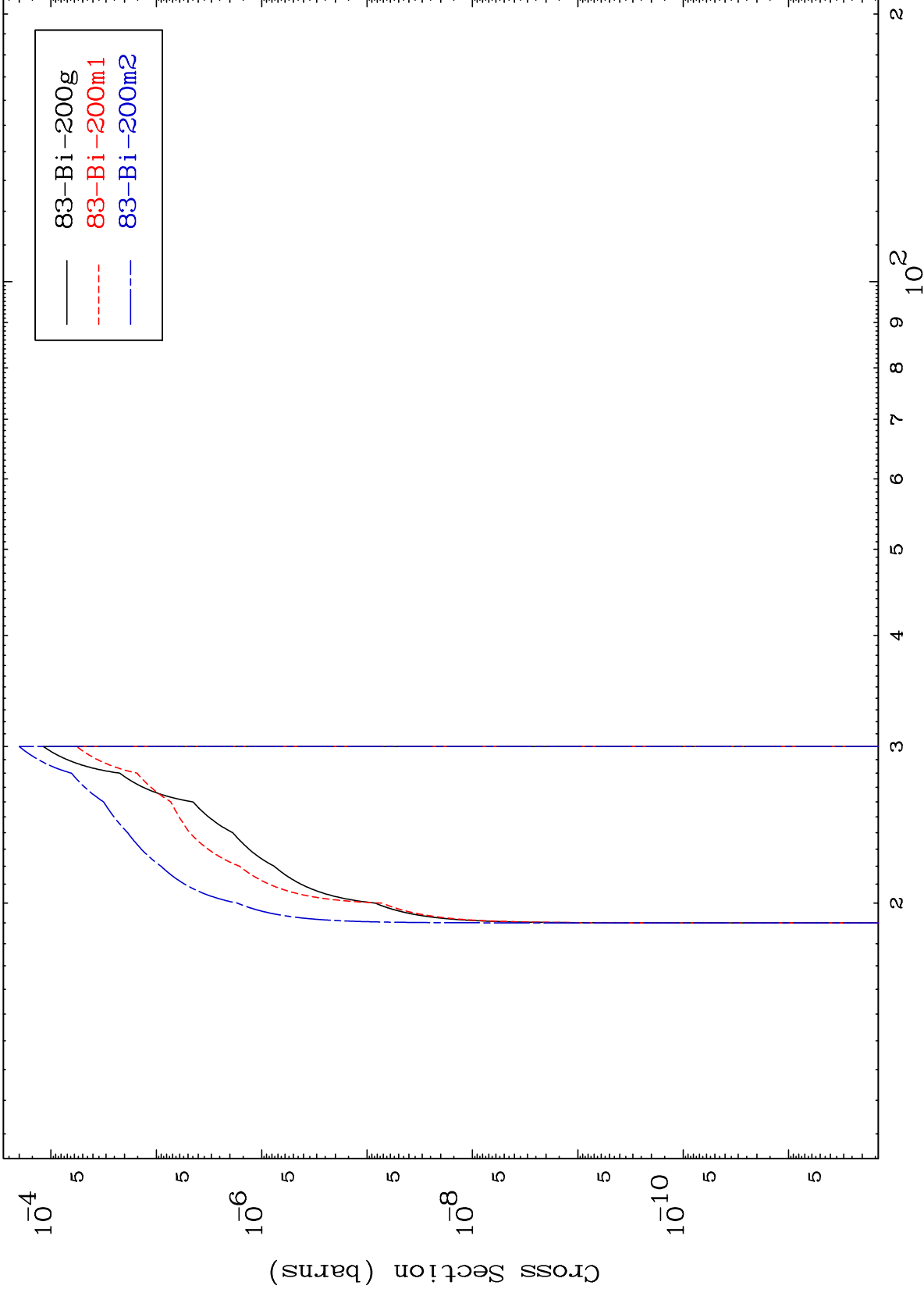


16

Incident Energy (MeV)

84-Po-205

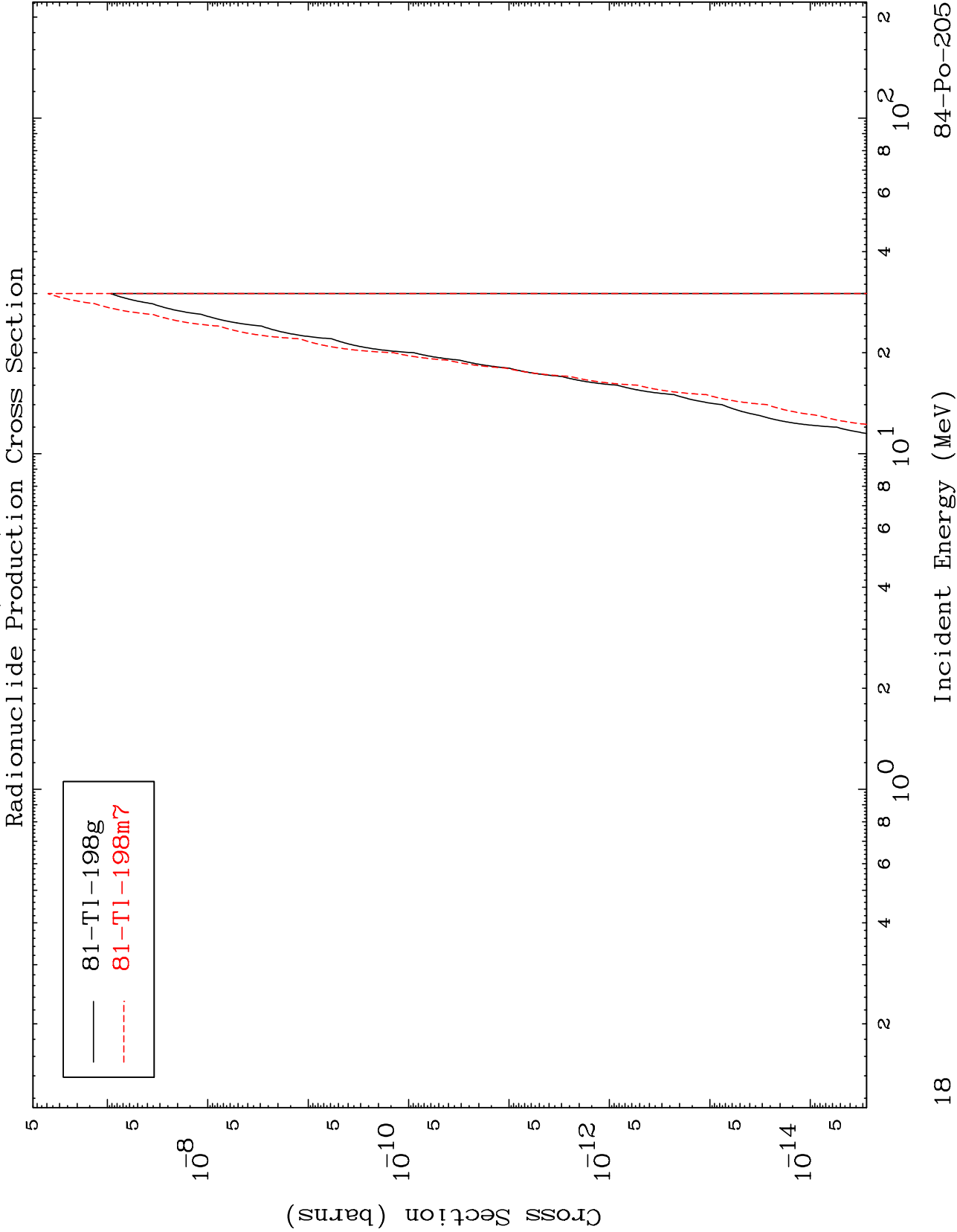
Radionuclide Production Cross Section



MAT 8422

(n,n') 2 α

84-Po-205

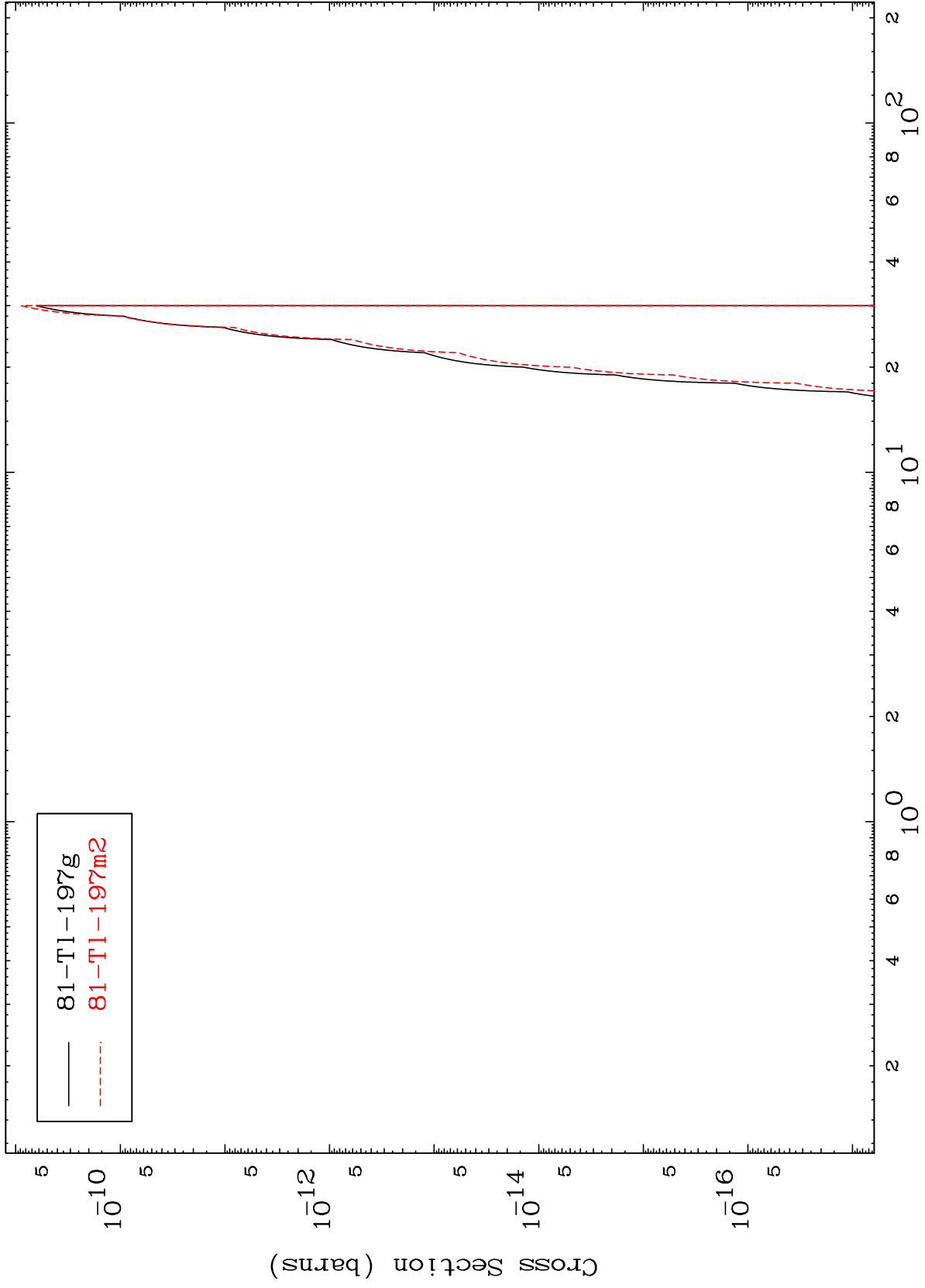


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(n,2n) 2α

84-Po-205

Radionuclide Production Cross Section

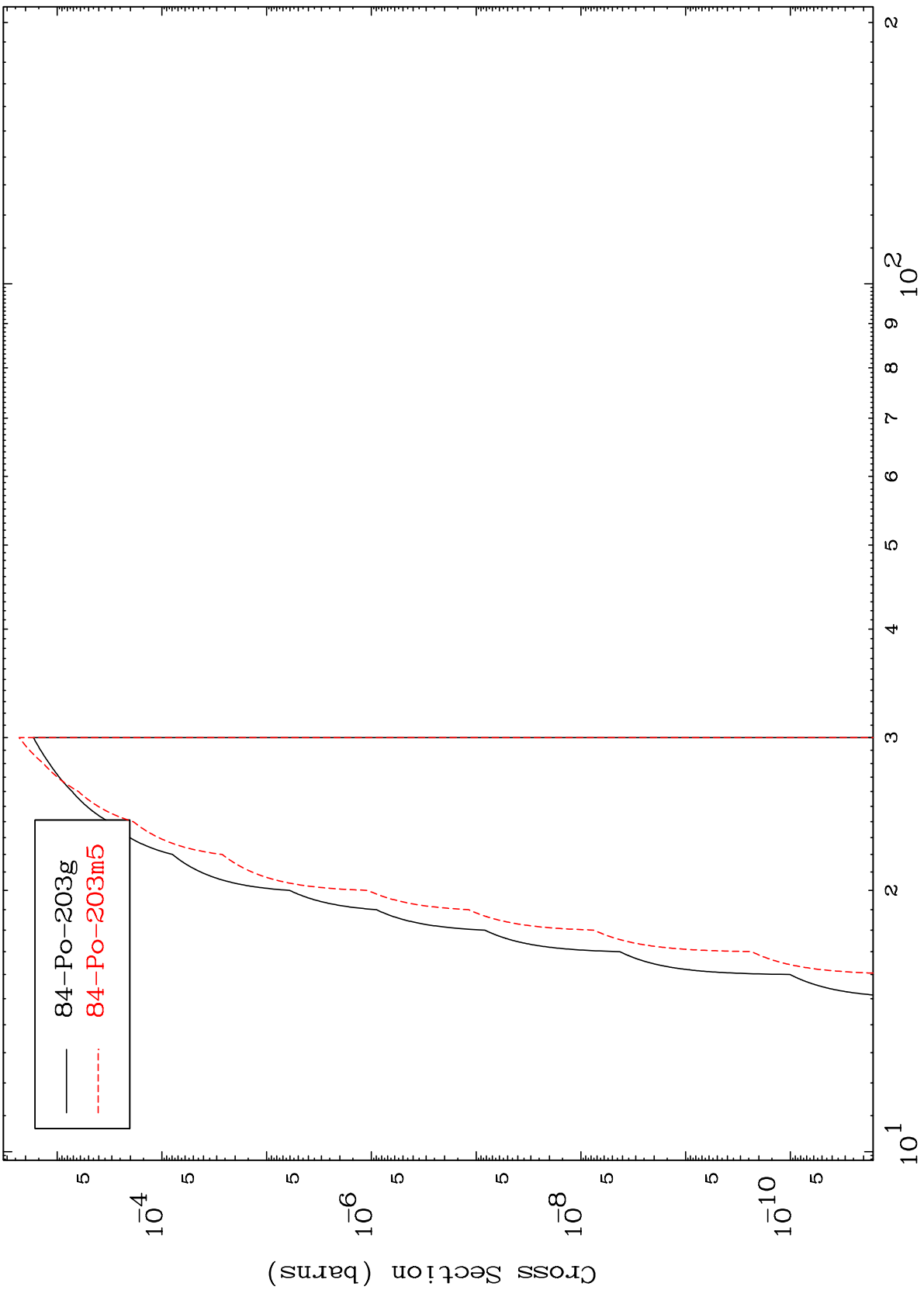


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(n,n') t

84-Po-205

Radionuclide Production Cross Section



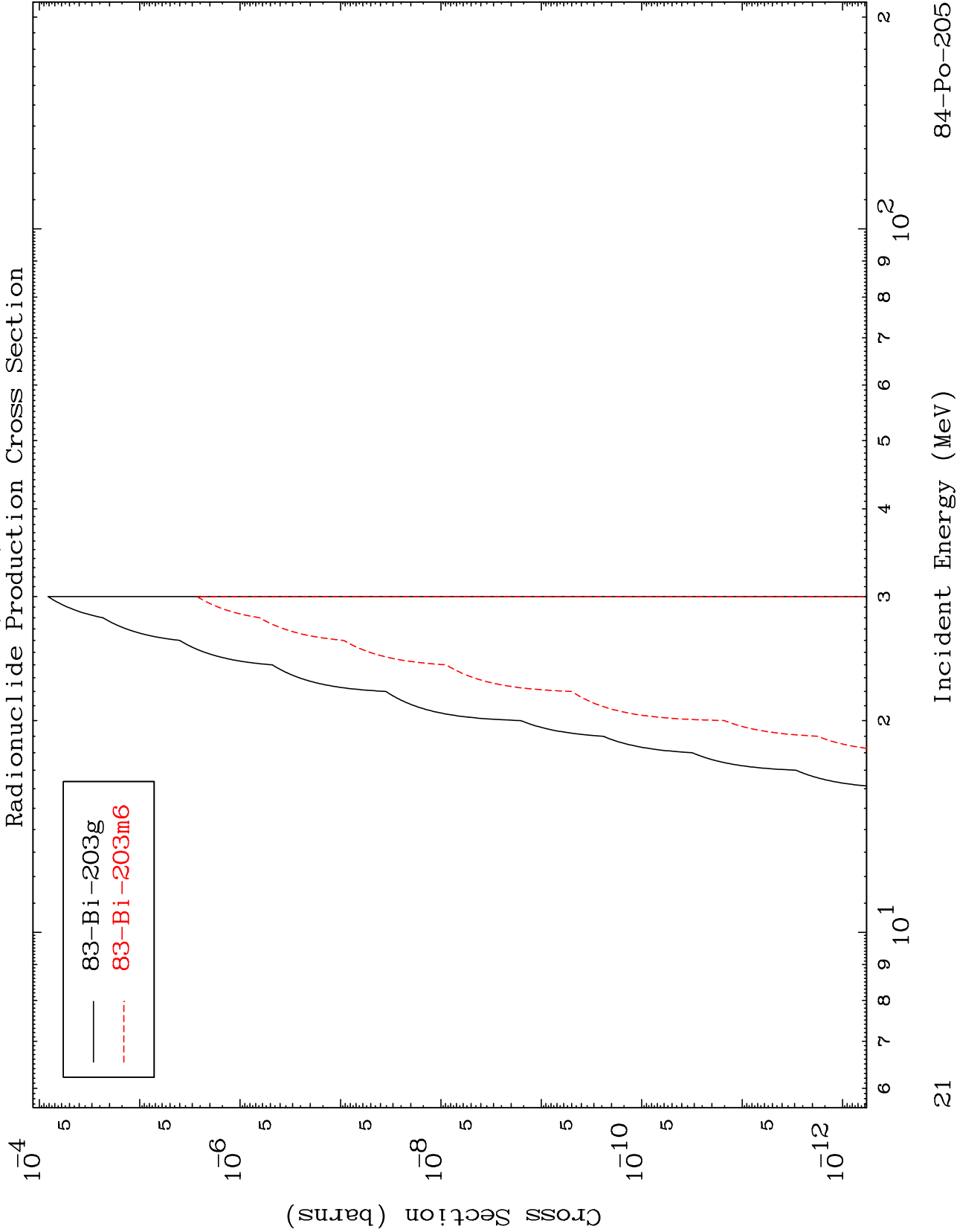
Incident Energy (MeV)

84-Po-205

MAT 8422

(n,n') He-3

84-Po-205

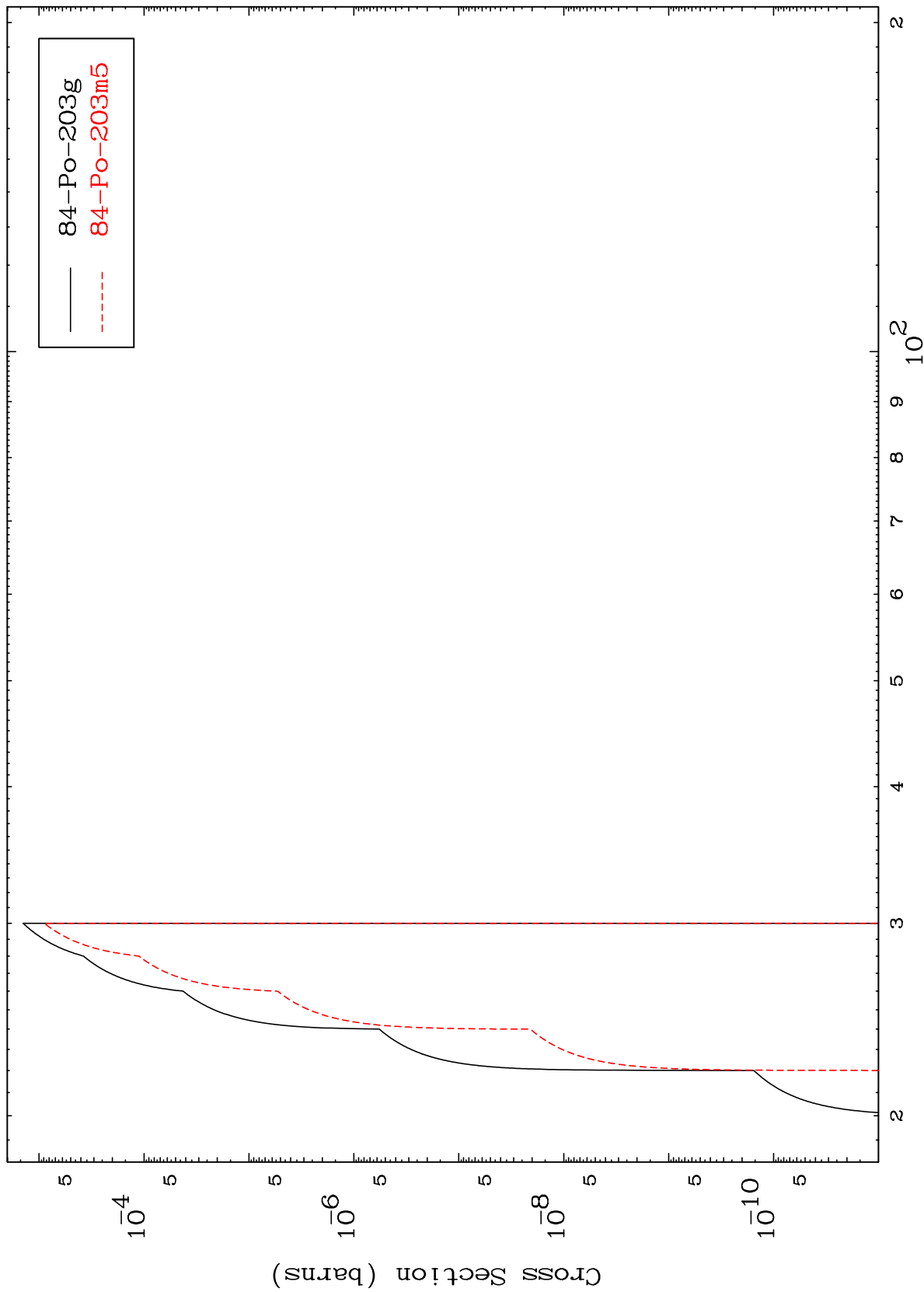


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84-Po-205

(n,3n) p

Radionuclide Production Cross Section



22

Incident Energy (MeV)

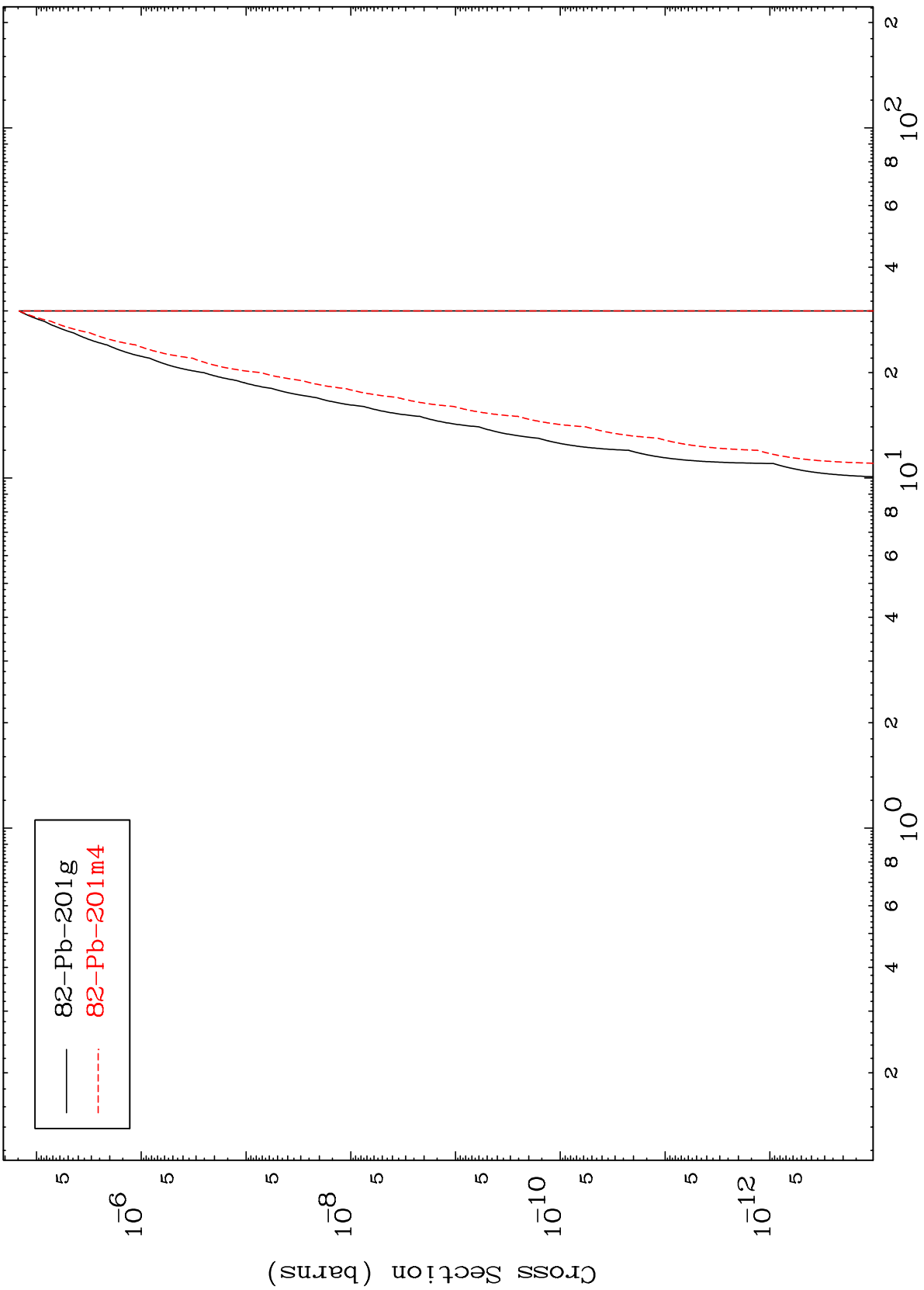
84-Po-205

MAT 8422

(n,n') p α

84-Po-205

Radionuclide Production Cross Section

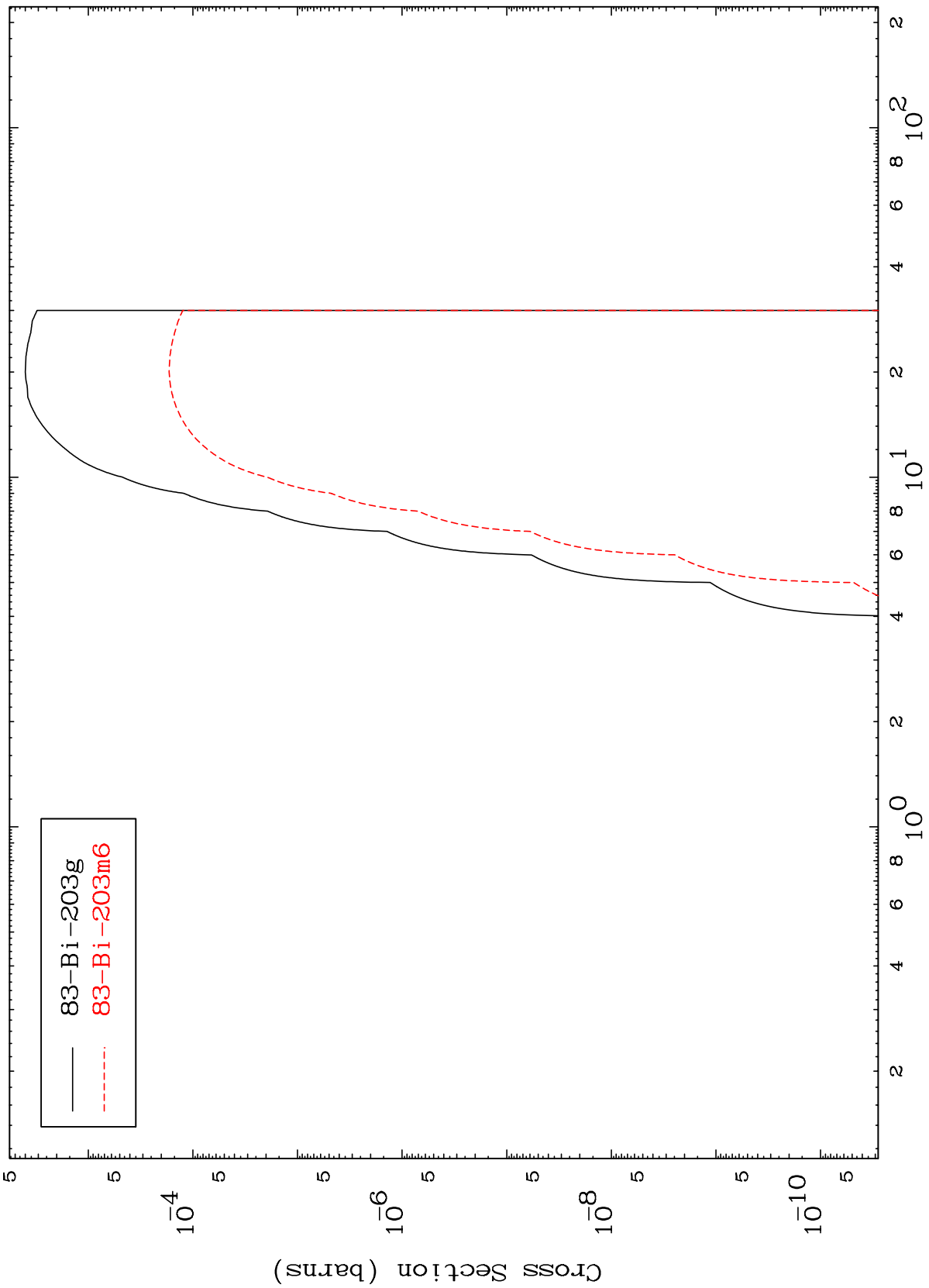


— 82-Pb-201g
- - - 82-Pb-201m4

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84-Po-205

Radionuclide Production Cross Section
(n, α)



83-Bi-203g
83-Bi-203m6

84-Po-205

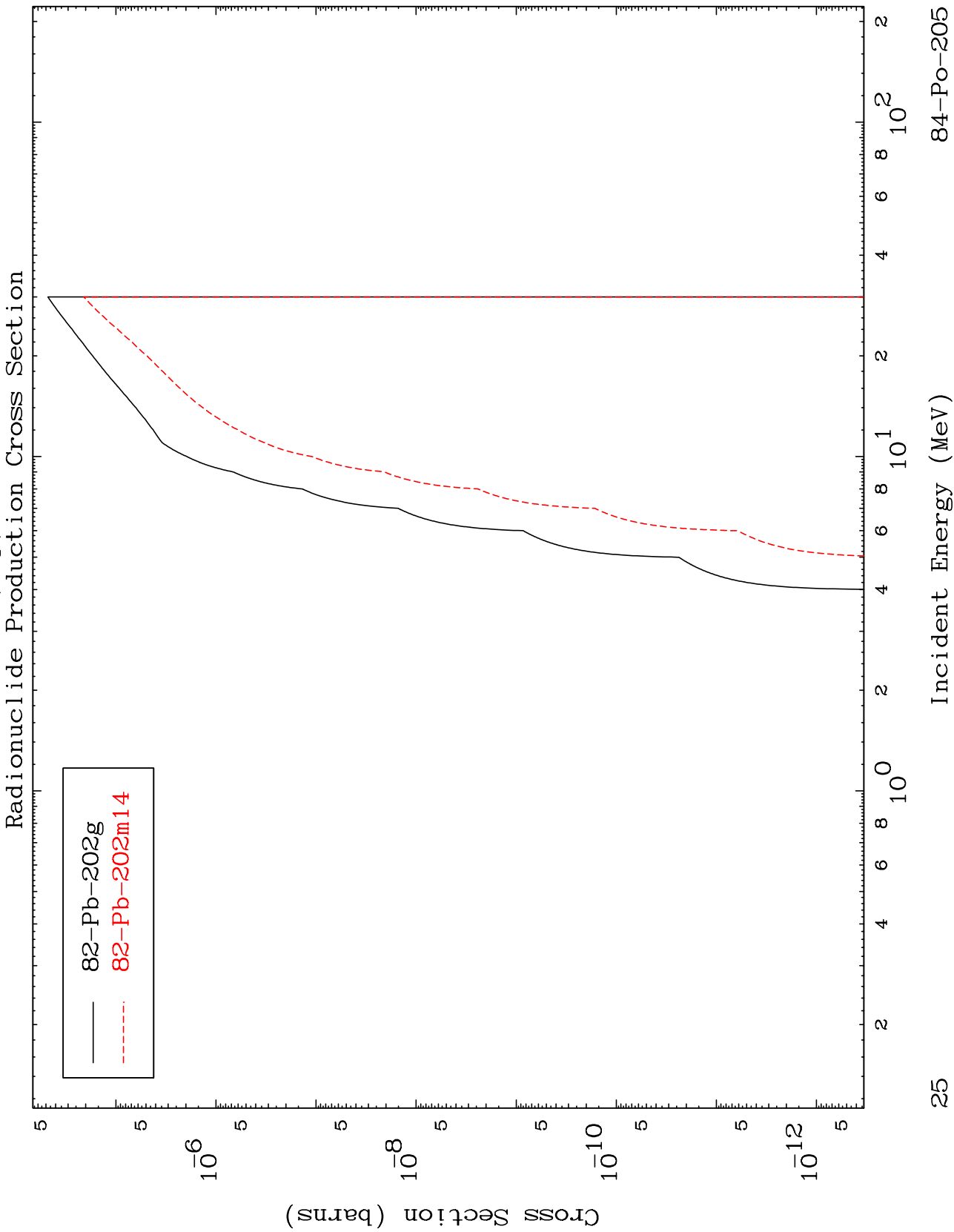
Incident Energy (MeV)

24

MAT 8422

(n,p) α

84-Po-205

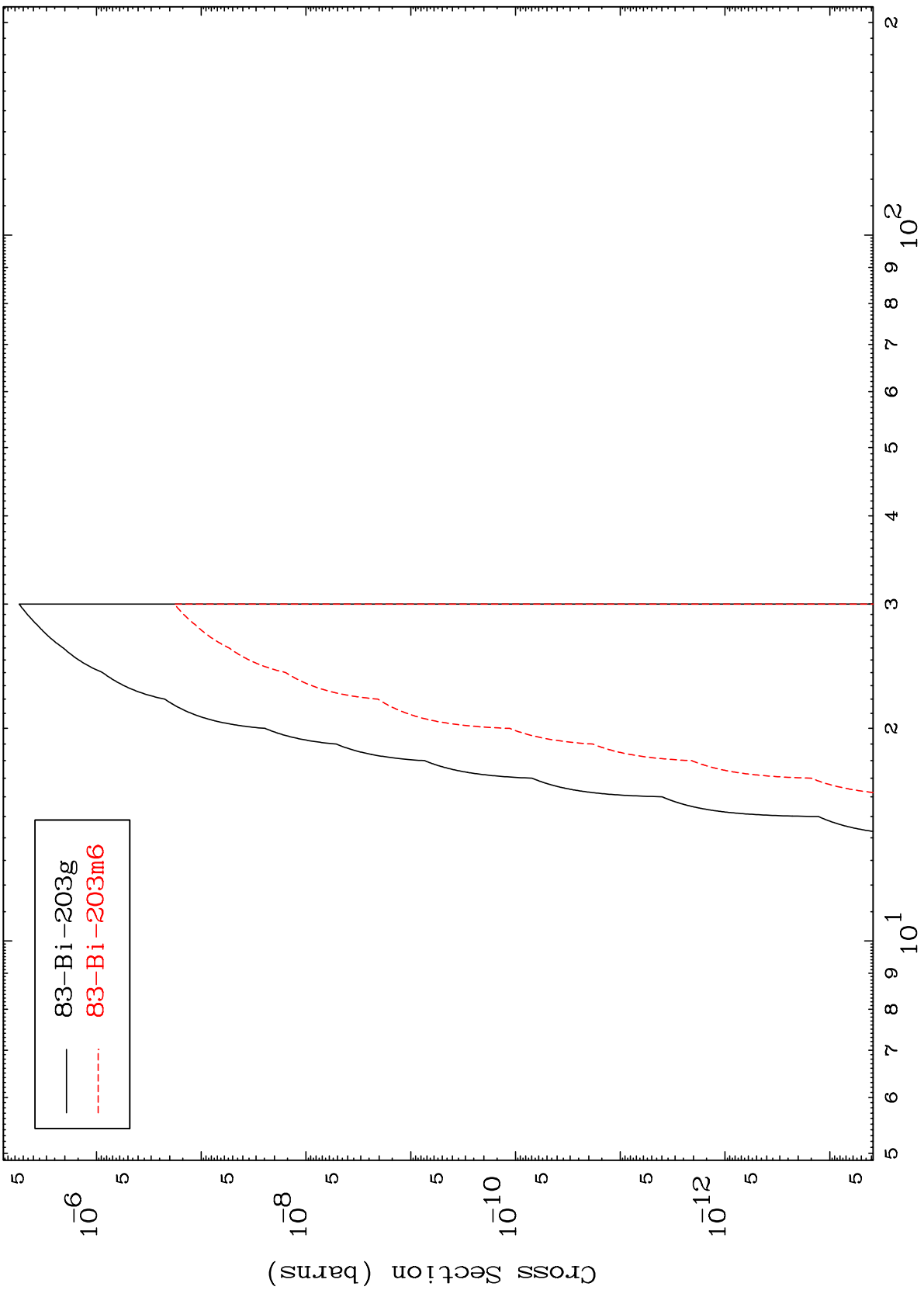


MAT 8422

(n,p) t

84-Po-205

Radionuclide Production Cross Section



83-Bi-203g
83-Bi-203m6

26

Incident Energy (MeV)

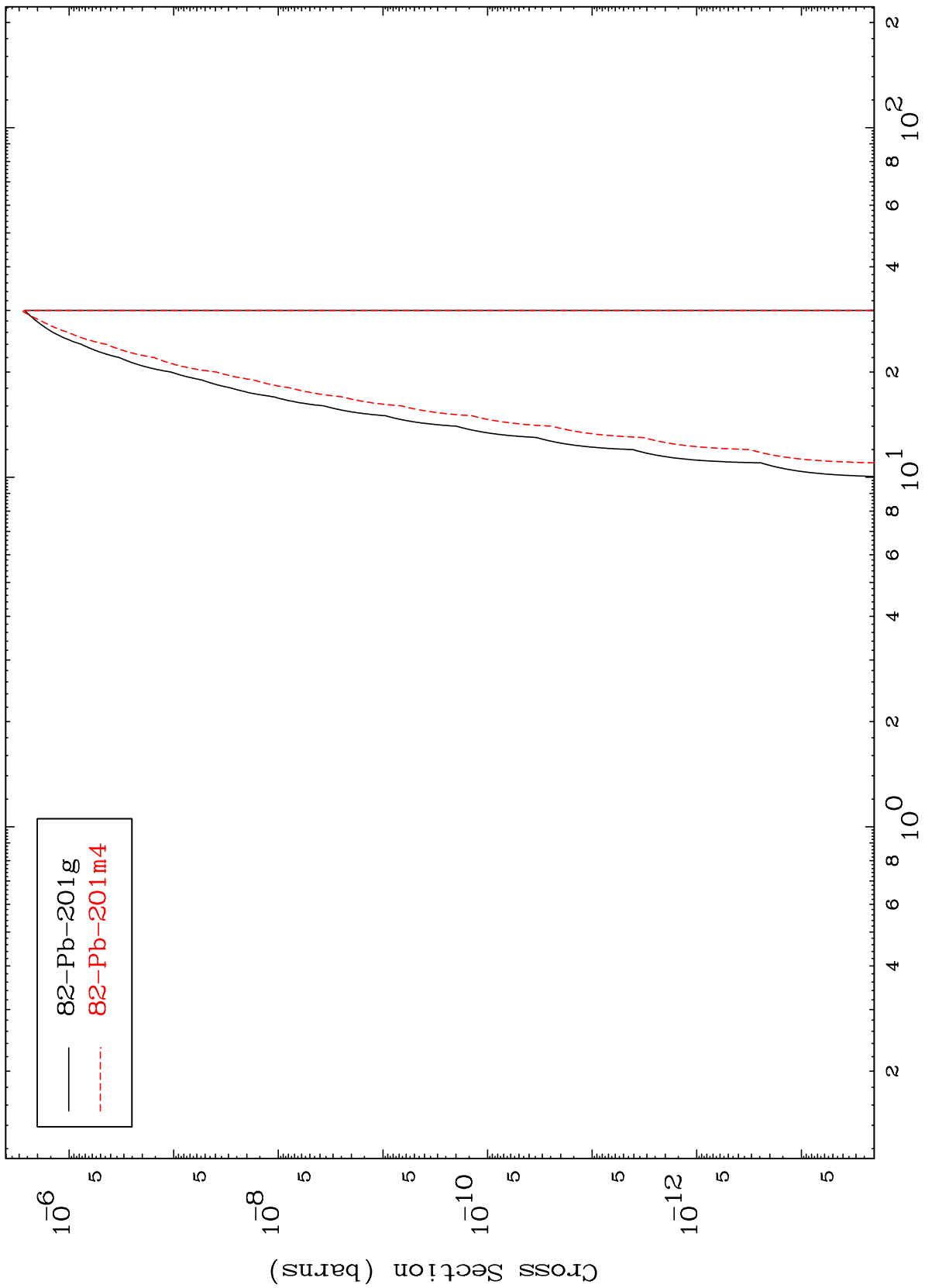
84-Po-205

MAT 8422

(n,d) α

84-Po-205

Radionuclide Production Cross Section



— 82-Pb-201g
- - - 82-Pb-201m4