

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

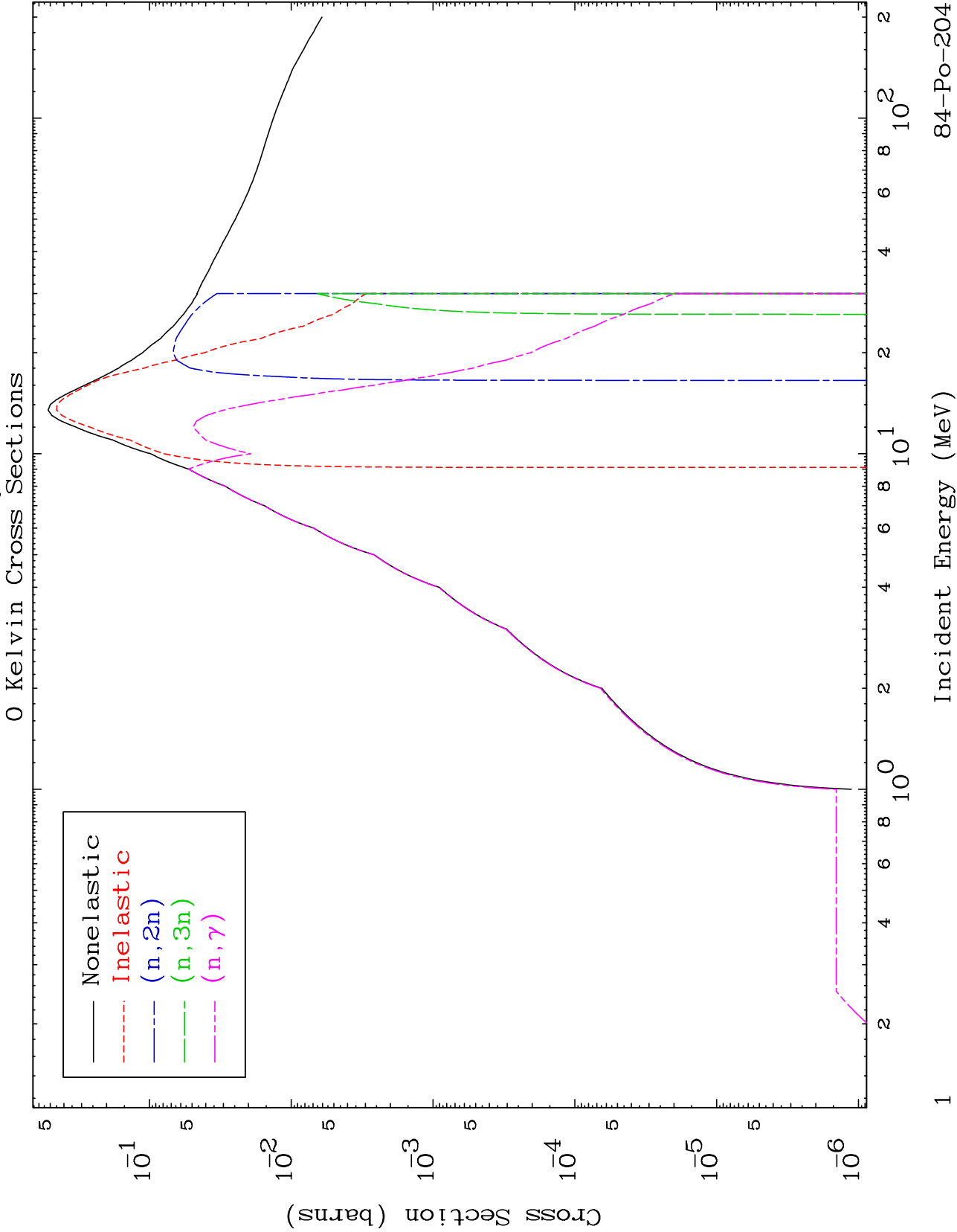
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Web:redcullen1.net/HOMEPAGE.NEW

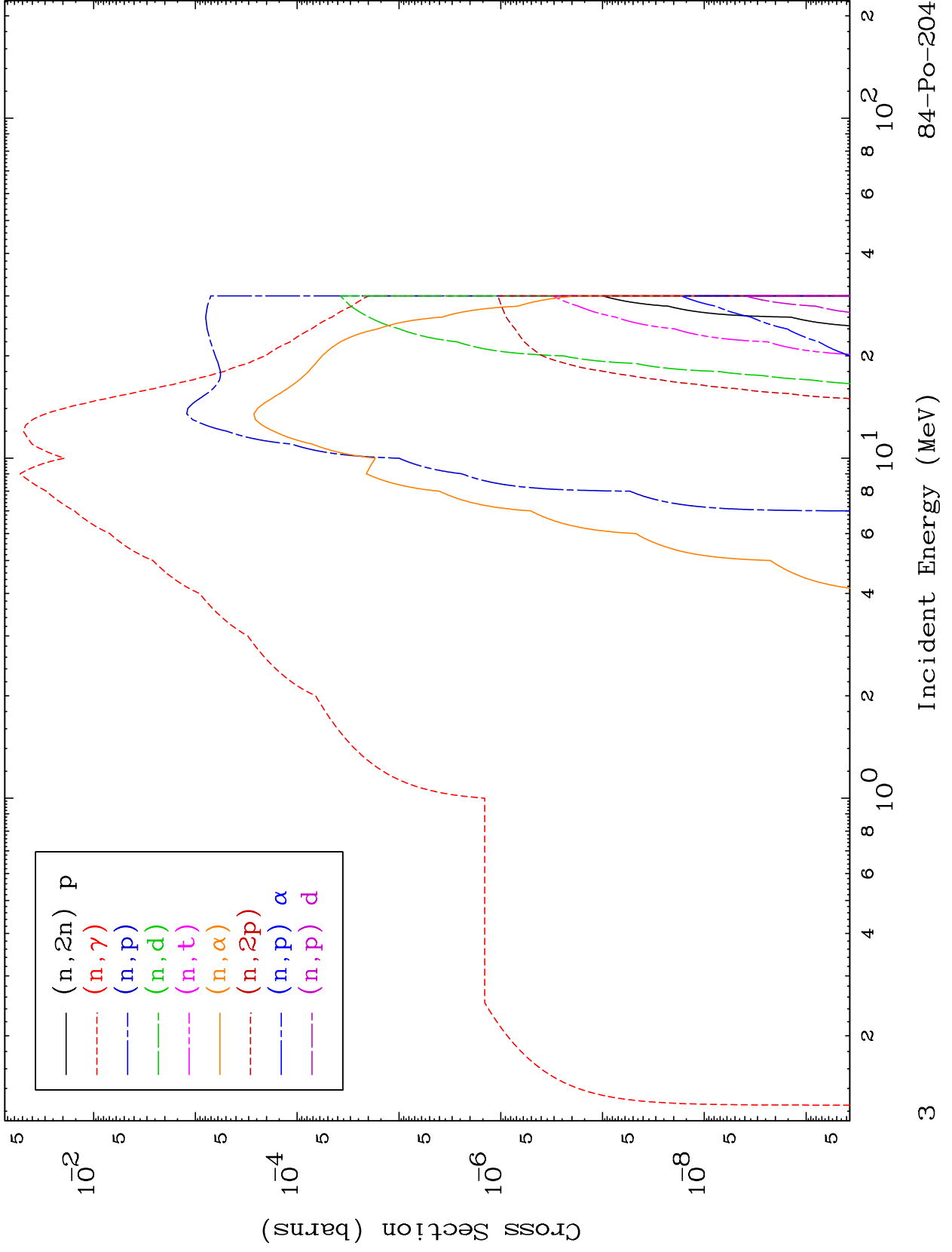
Press Mouse Button to Start

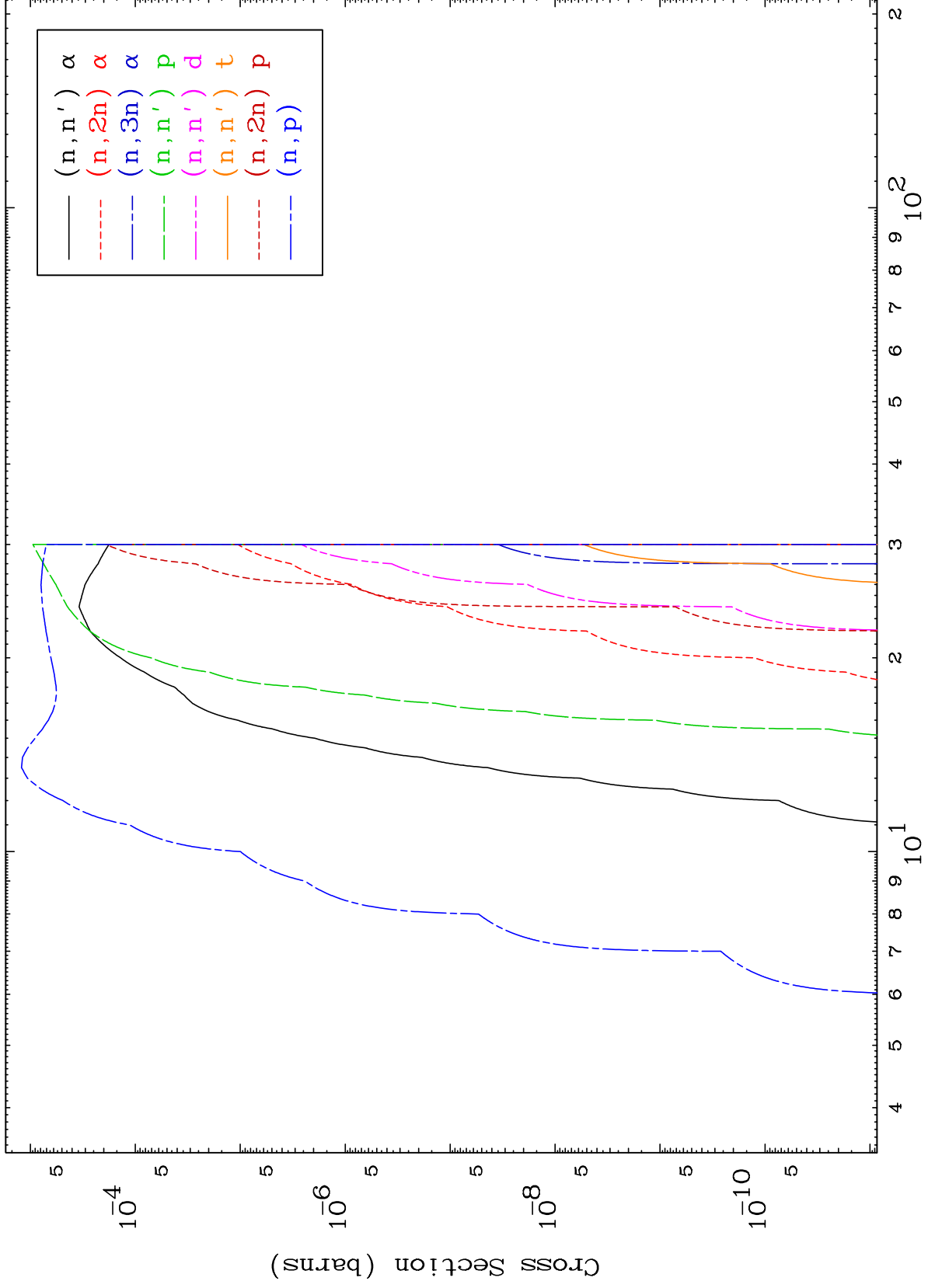


MAT 8419

Photon Neutron Absorption
0 Kelvin Cross Sections

84-Po-204

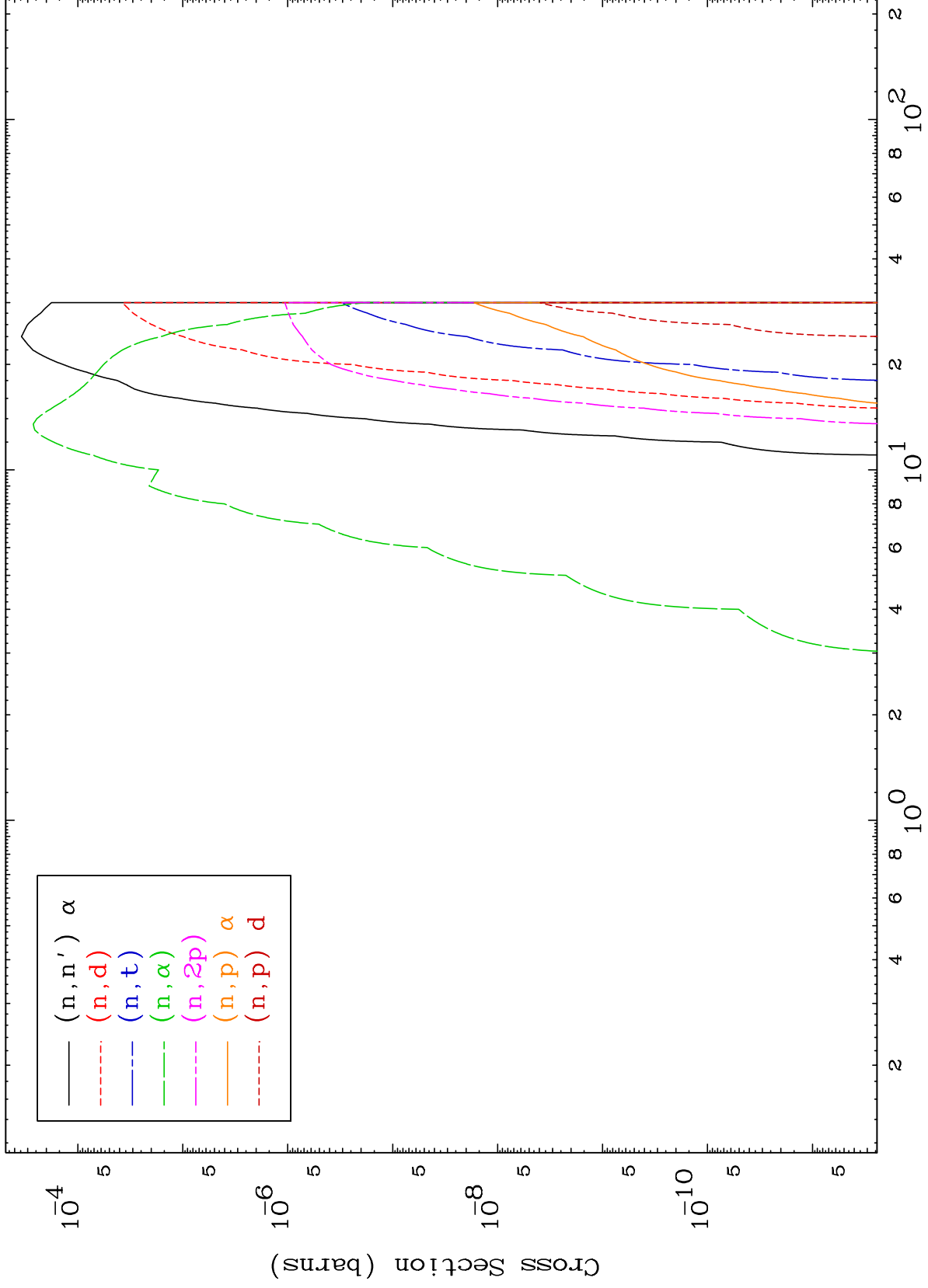




MAT 8419

Photon Charged Particle
0 Kelvin Cross Sections

84-Po-204



5

Incident Energy (MeV)

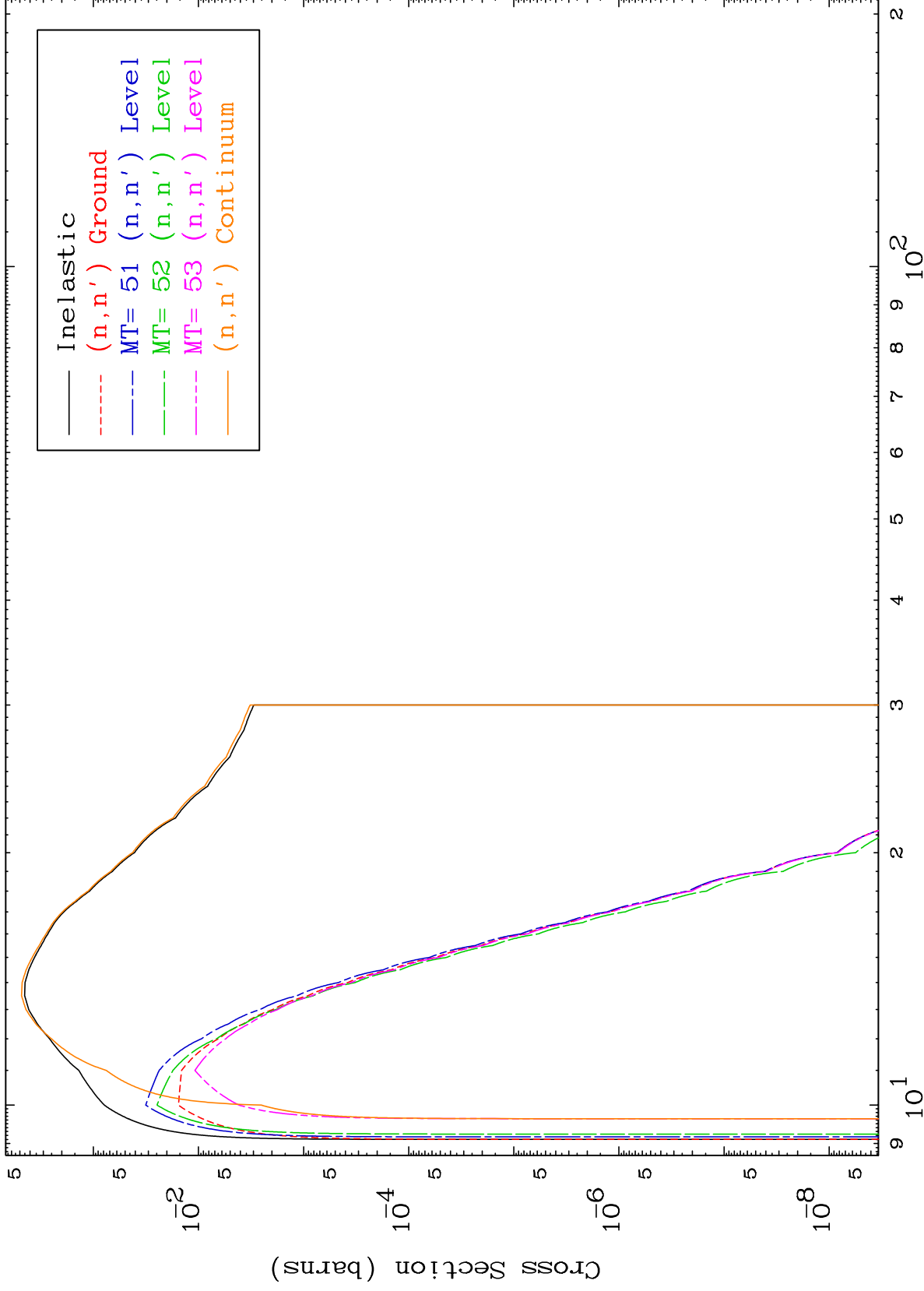
84-Po-204

MAT 8419

(γ, n') Levels

84-Po-204

0 Kelvin Cross Sections



Incident Energy (MeV)

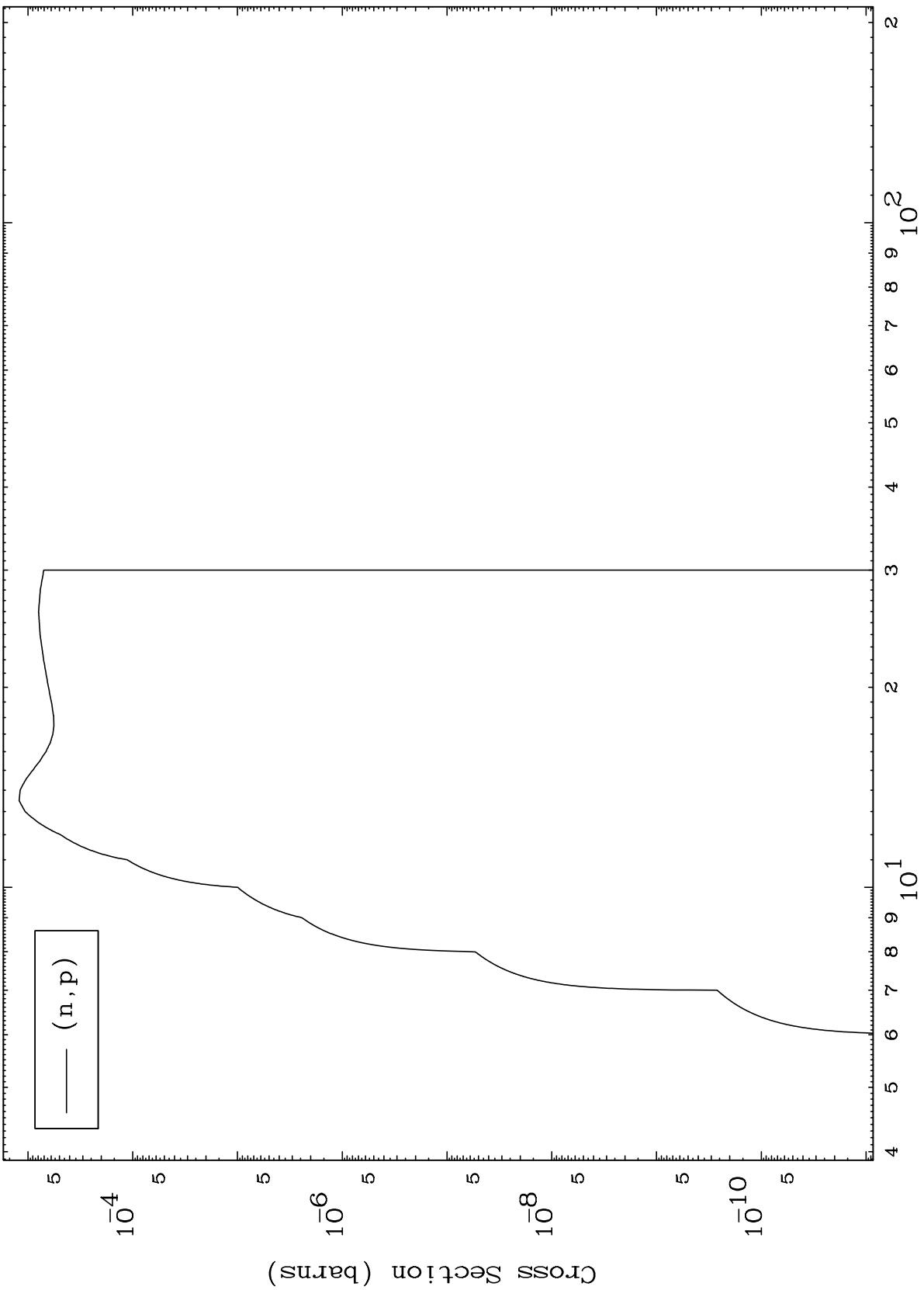
84-Po-204

MAT 8419

(γ, p) Levels

84-Po-204

0 Kelvin Cross Sections



7

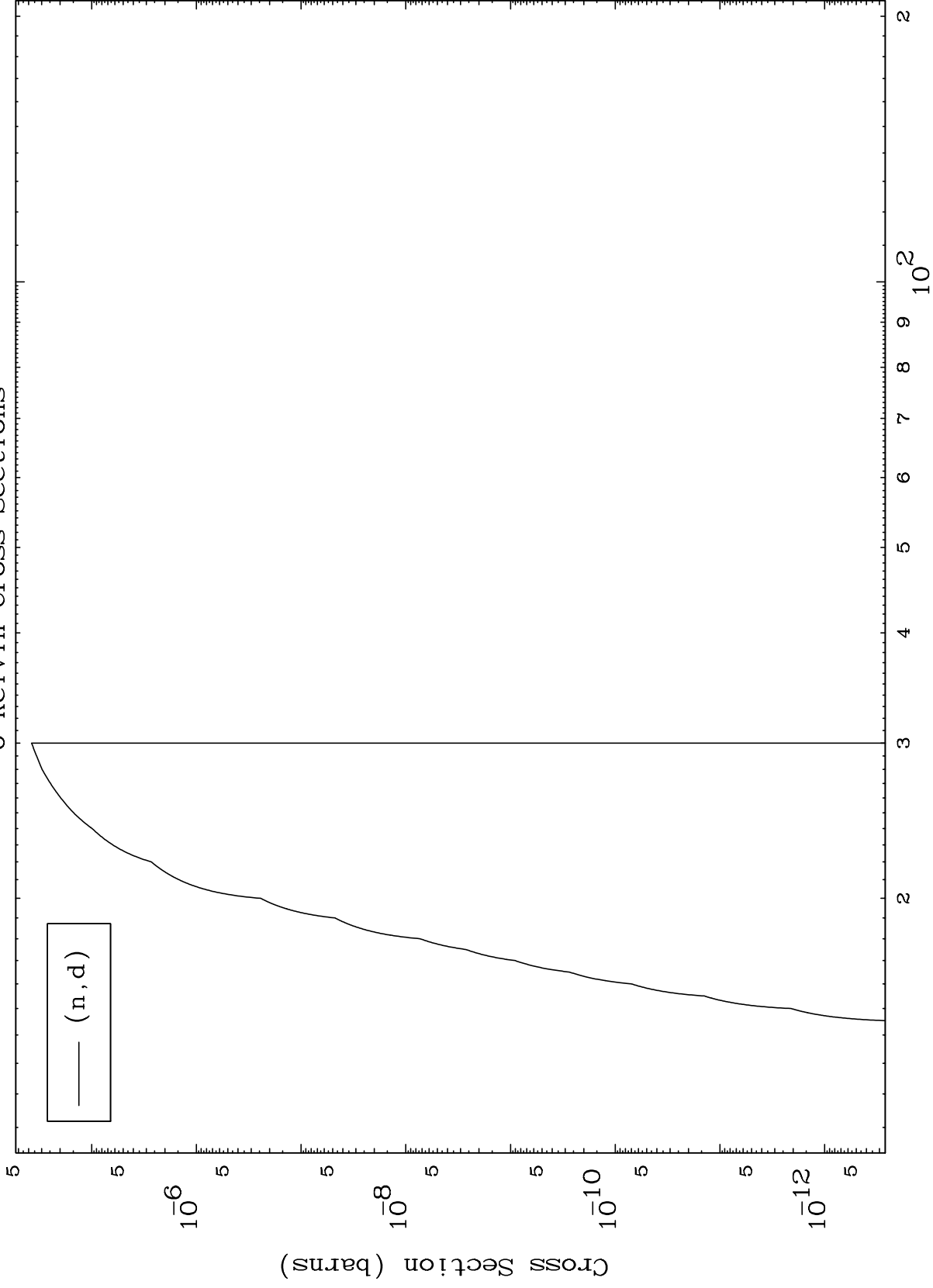
Incident Energy (MeV)

84-Po-204

MAT 8419

(γ, d) Levels
0 Kelvin Cross Sections

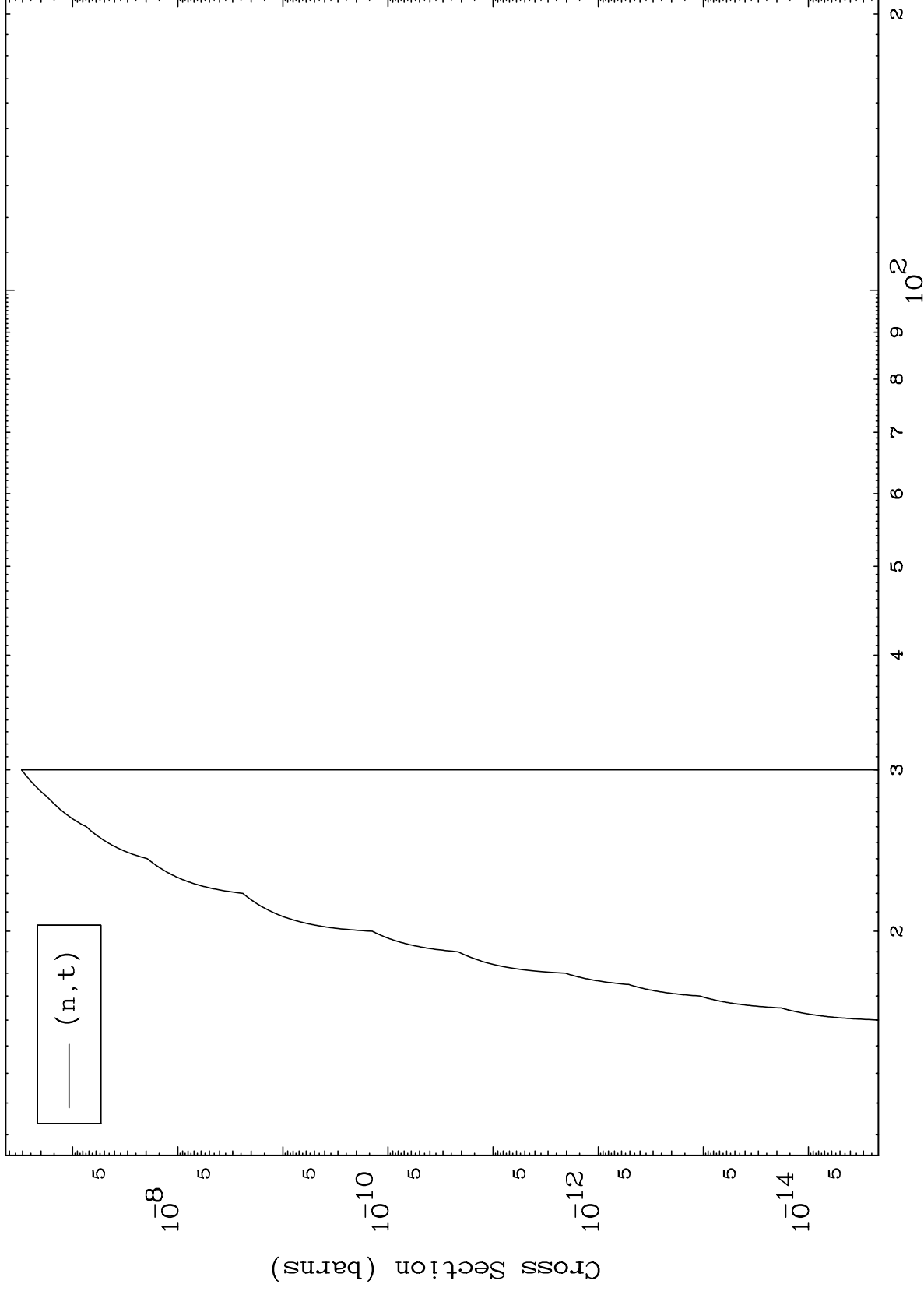
84-Po-204



8

Incident Energy (MeV)

84-Po-204

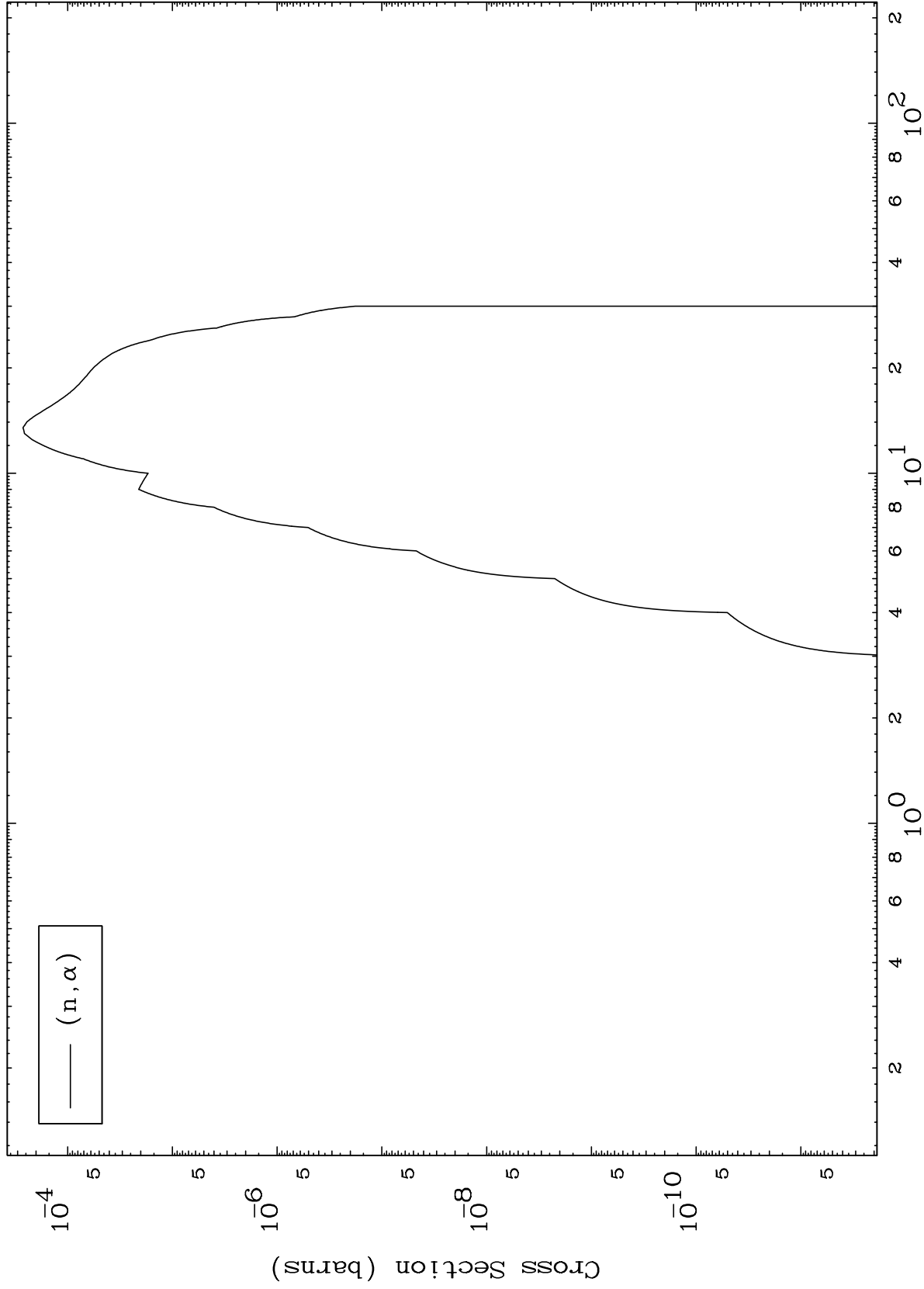


MAT 8419

(γ, α) Levels

84-Po-204

0 Kelvin Cross Sections



10

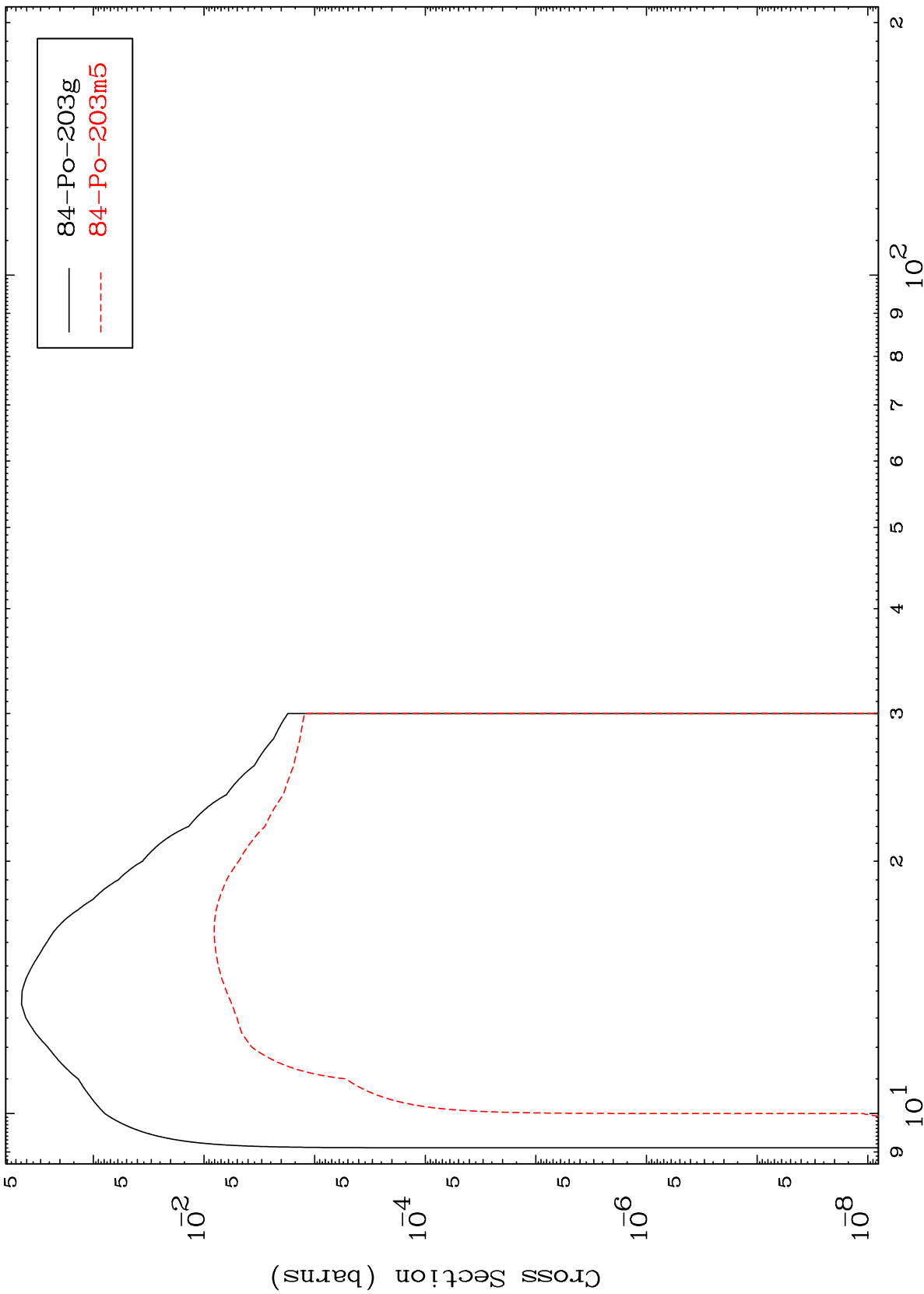
Incident Energy (MeV)

84-Po-204

MAT 8419

84-Po-204

Inelastic
Radionuclide Production Cross Section



84-Po-204

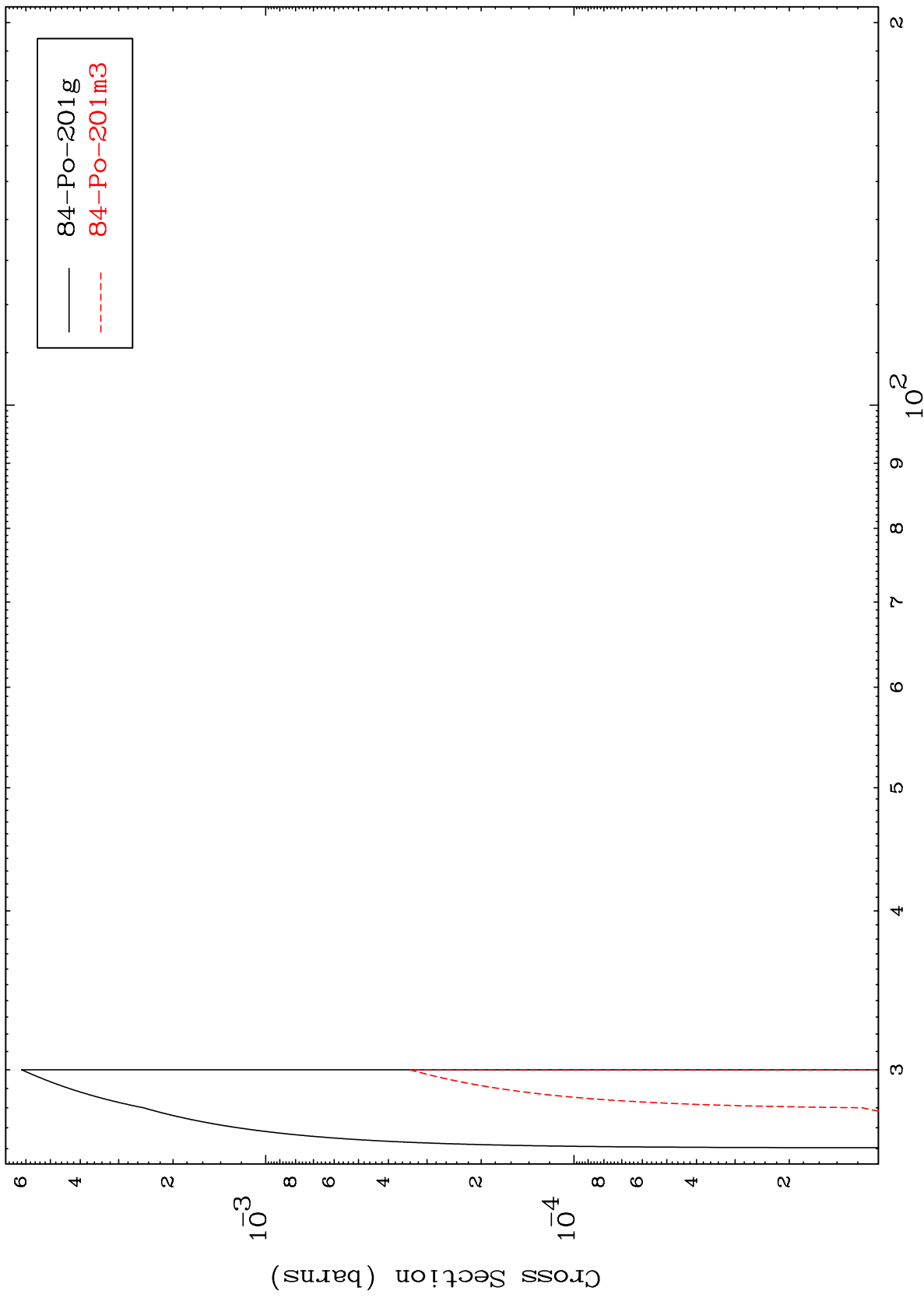
Incident Energy (MeV)

11

MAT 8419

84-Po-204

(n,3n)
Radionuclide Production Cross Section



12

84-Po-204

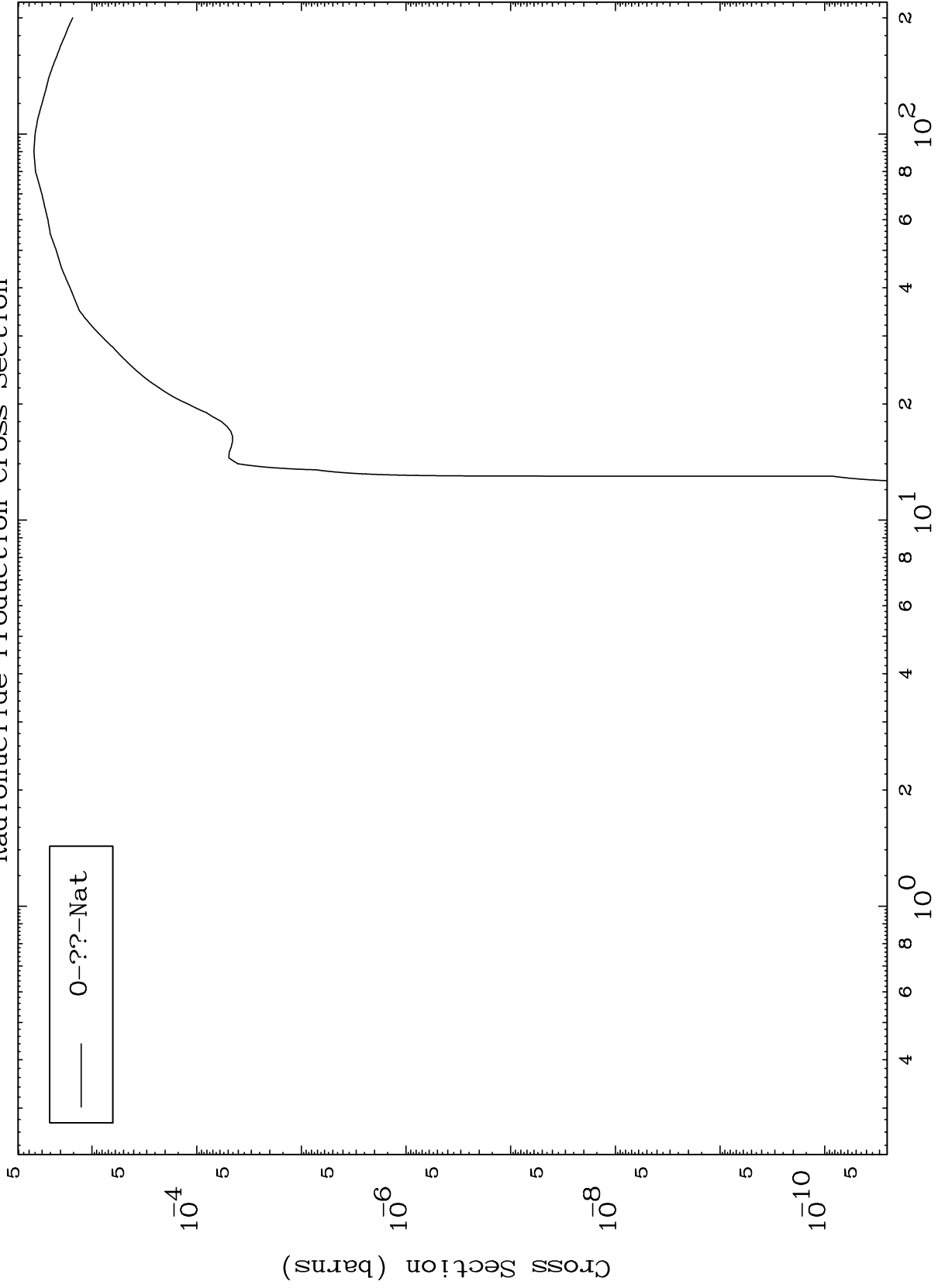
Incident Energy (MeV)

MAT 8419

Fission

84-Po-204

Radionuclide Production Cross Section

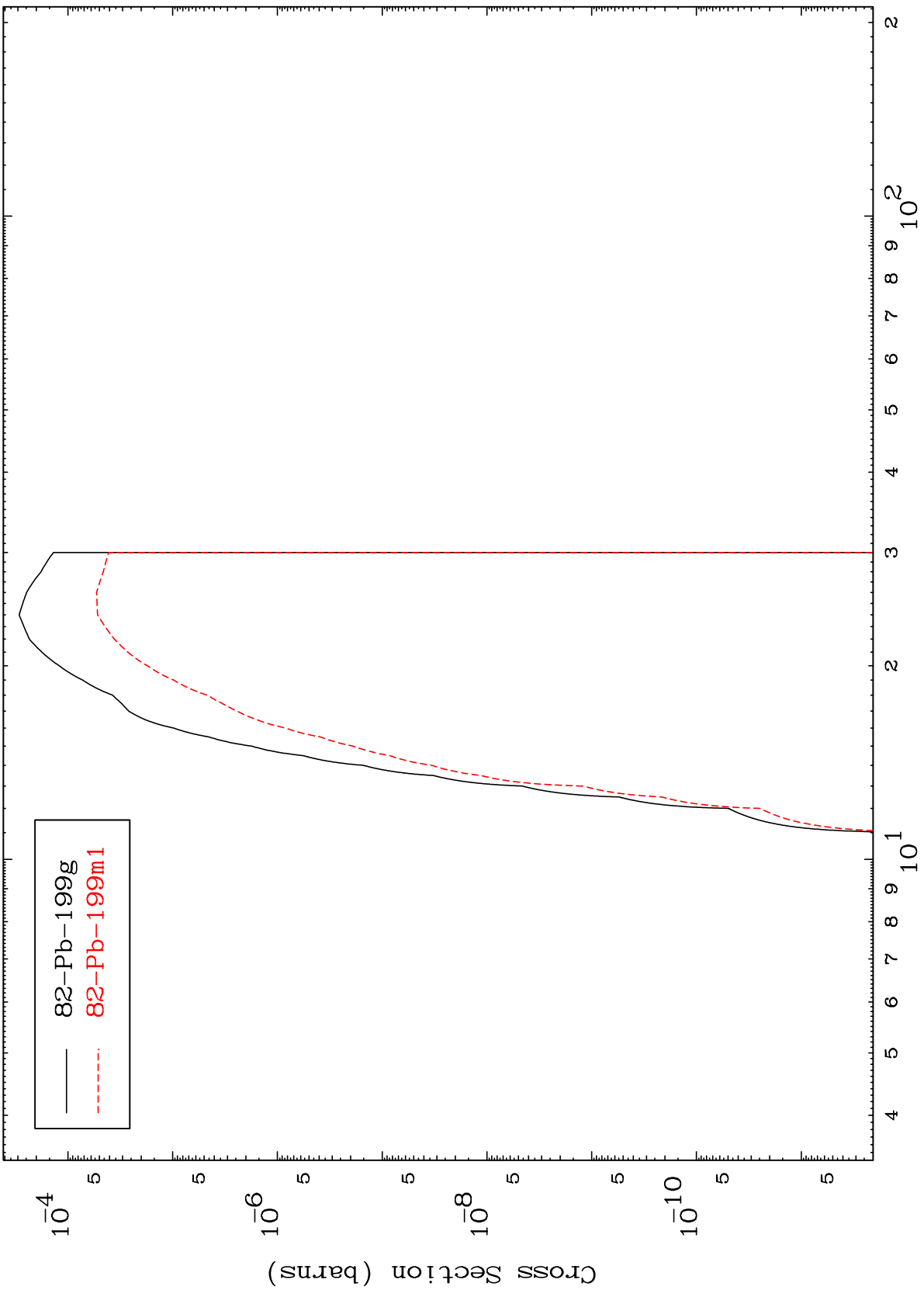


MAT 8419

$(n, n') \alpha$

84-Po-204

Radionuclide Production Cross Section



14

Incident Energy (MeV)

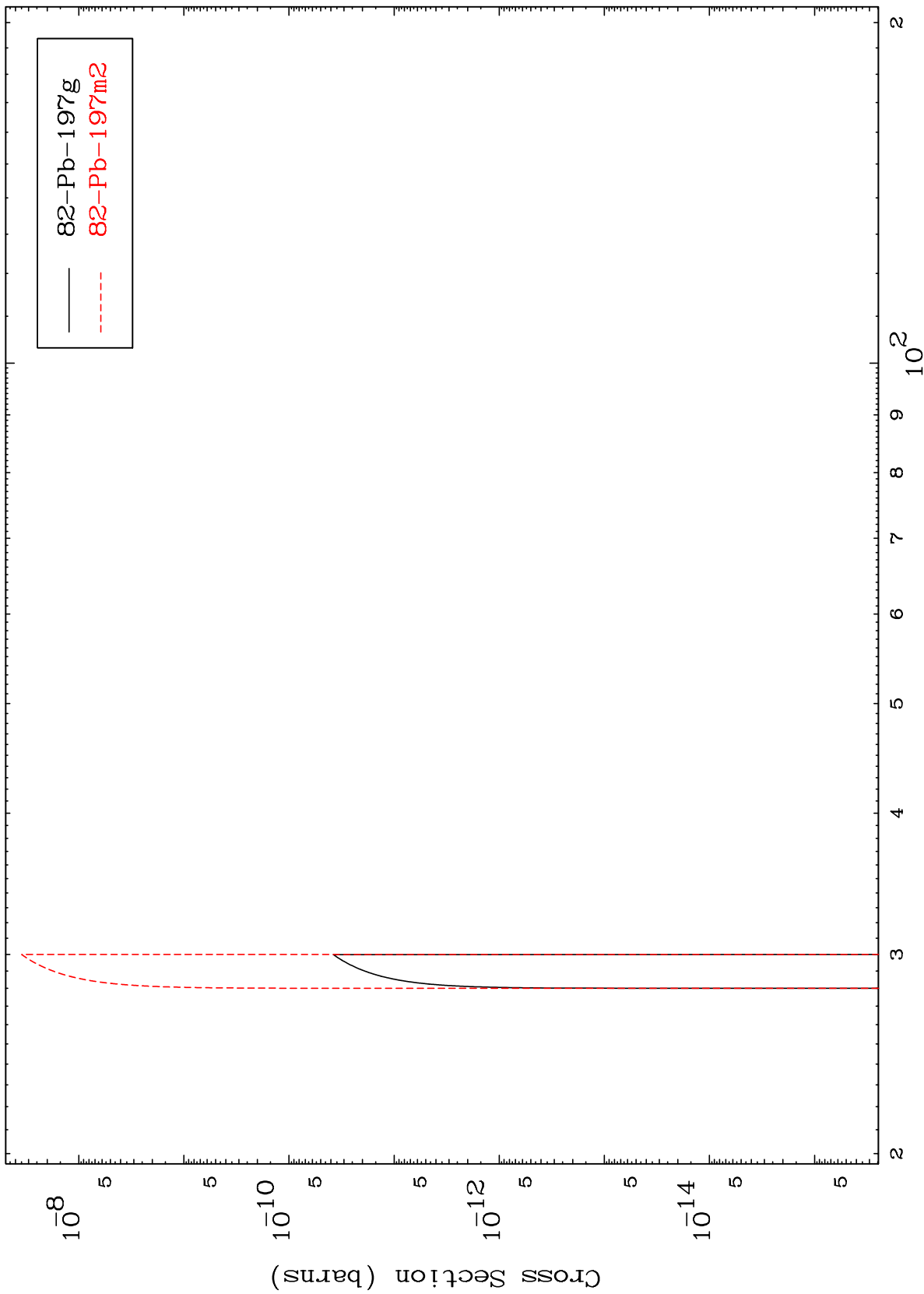
84-Po-204

MAT 8419

(n,3n) α

84-Po-204

Radionuclide Production Cross Section



15

Incident Energy (MeV)

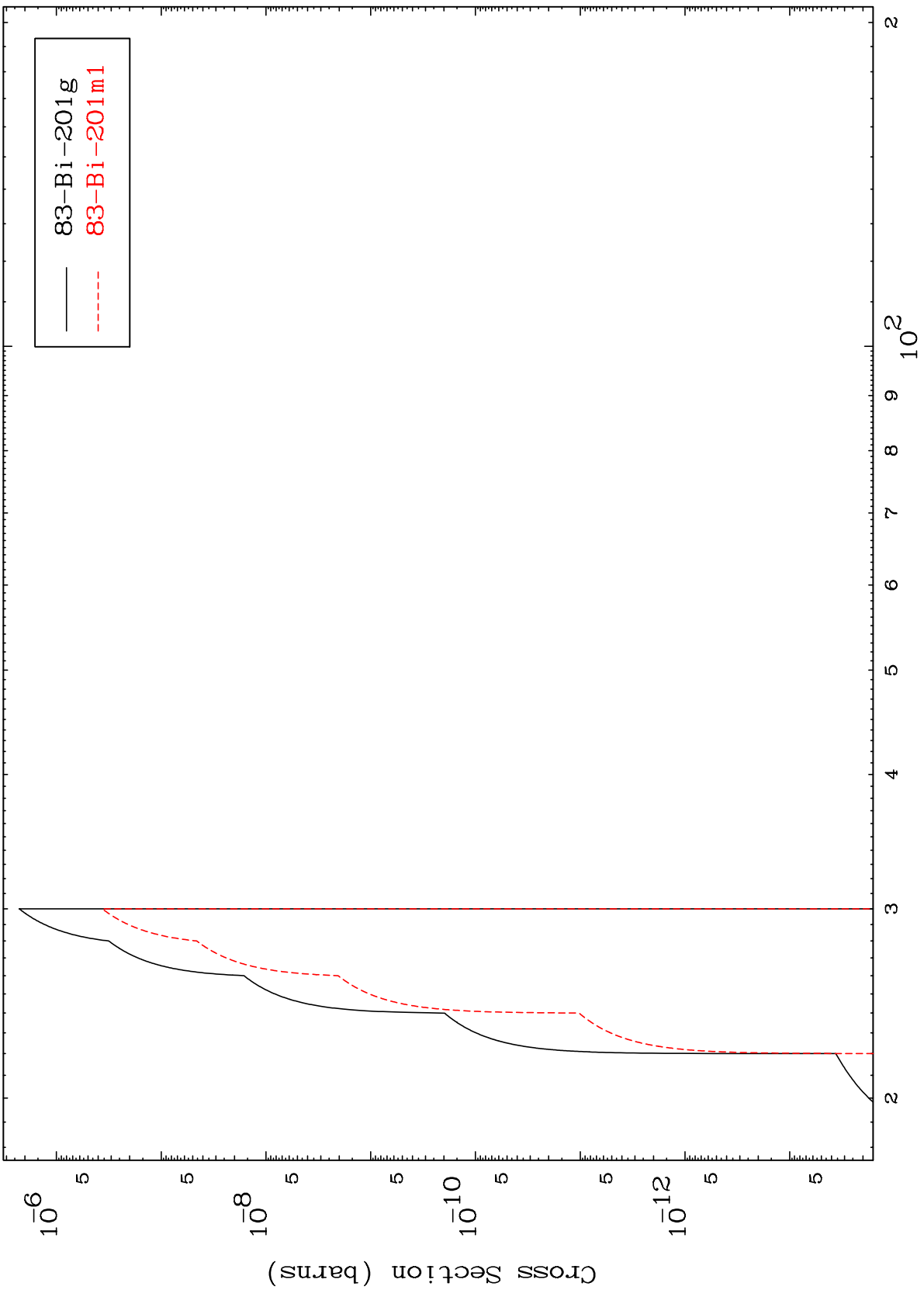
84-Po-204

MAT 8419

(n,n') d

84-Po-204

Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

16

Incident Energy (MeV)

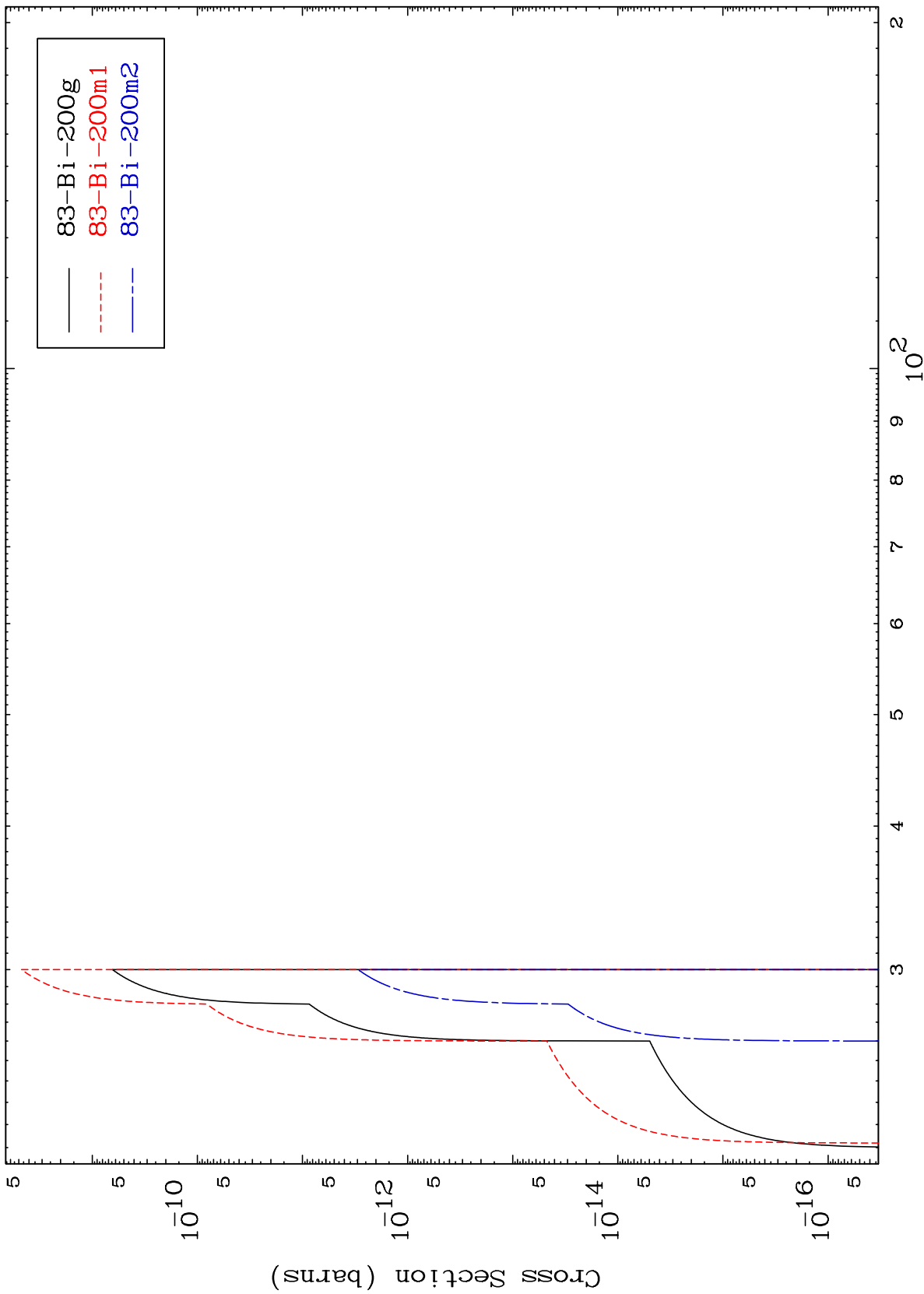
84-Po-204

MAT 8419

(n,n') t

84-Po-204

Radionuclide Production Cross Section



17

Incident Energy (MeV)

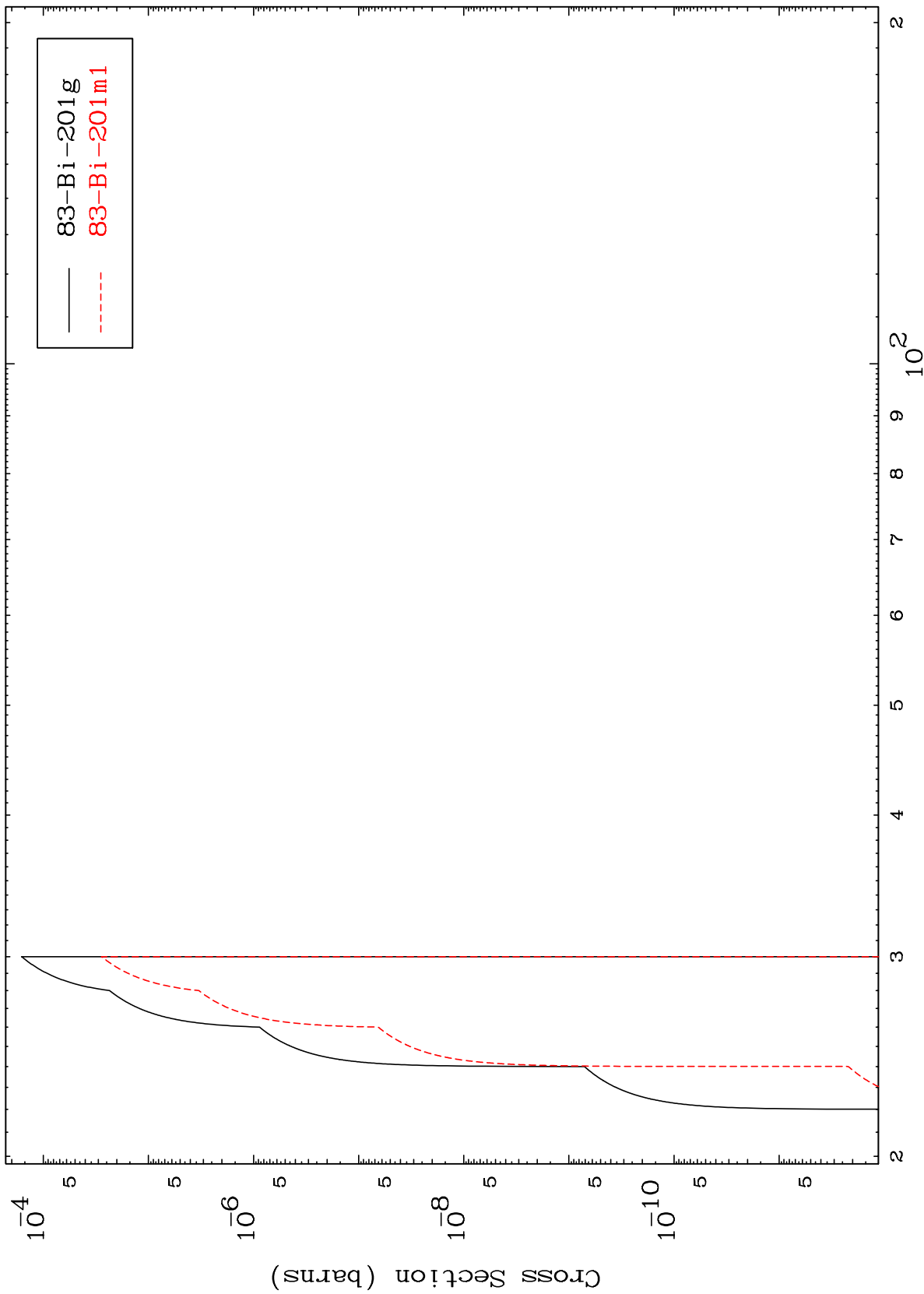
84-Po-204

MAT 8419

(n,2n) p

84-Po-204

Radionuclide Production Cross Section



18

Incident Energy (MeV)

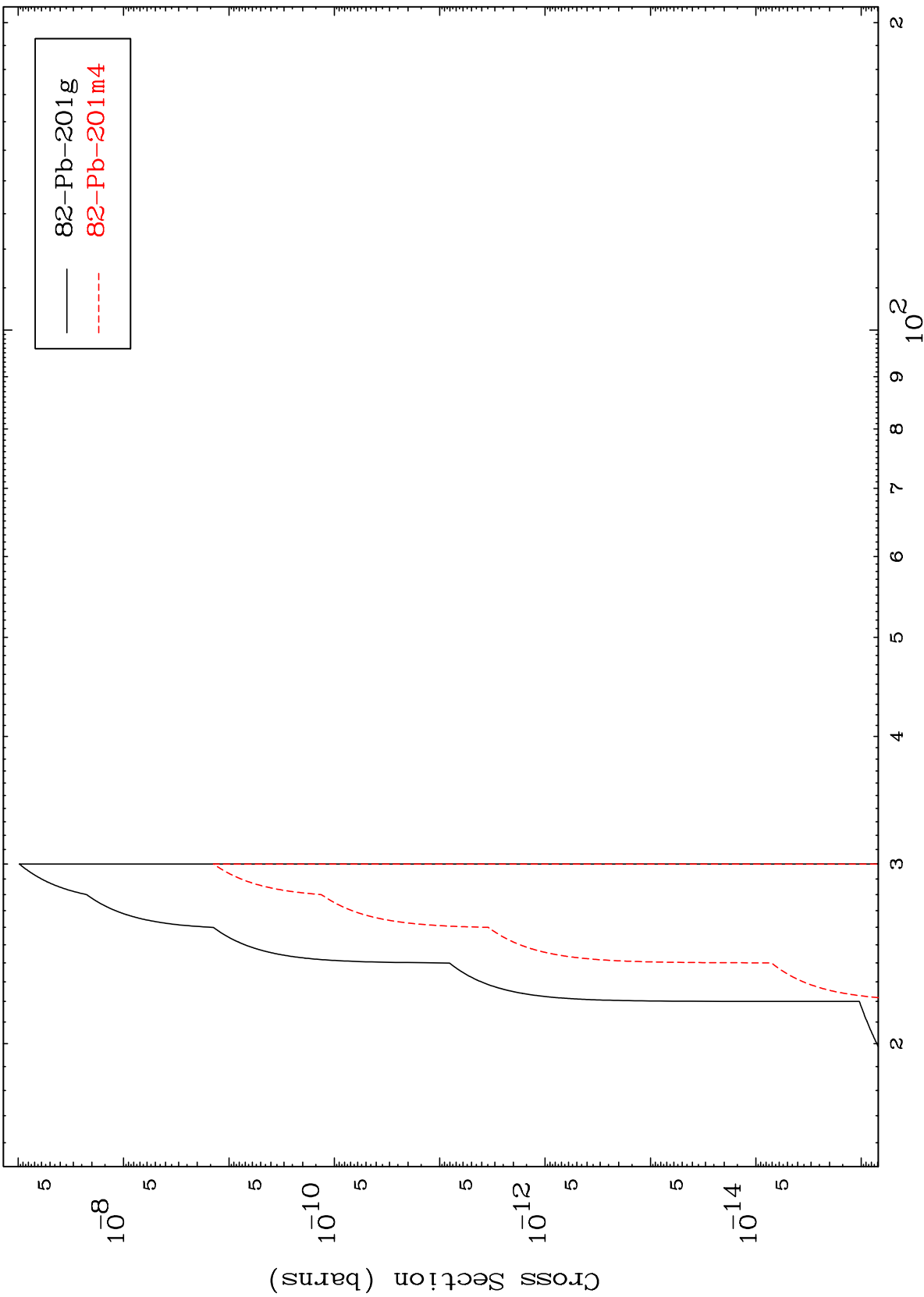
84-Po-204

MAT 8419

(n,2n) p

84-Po-204

Radionuclide Production Cross Section



19

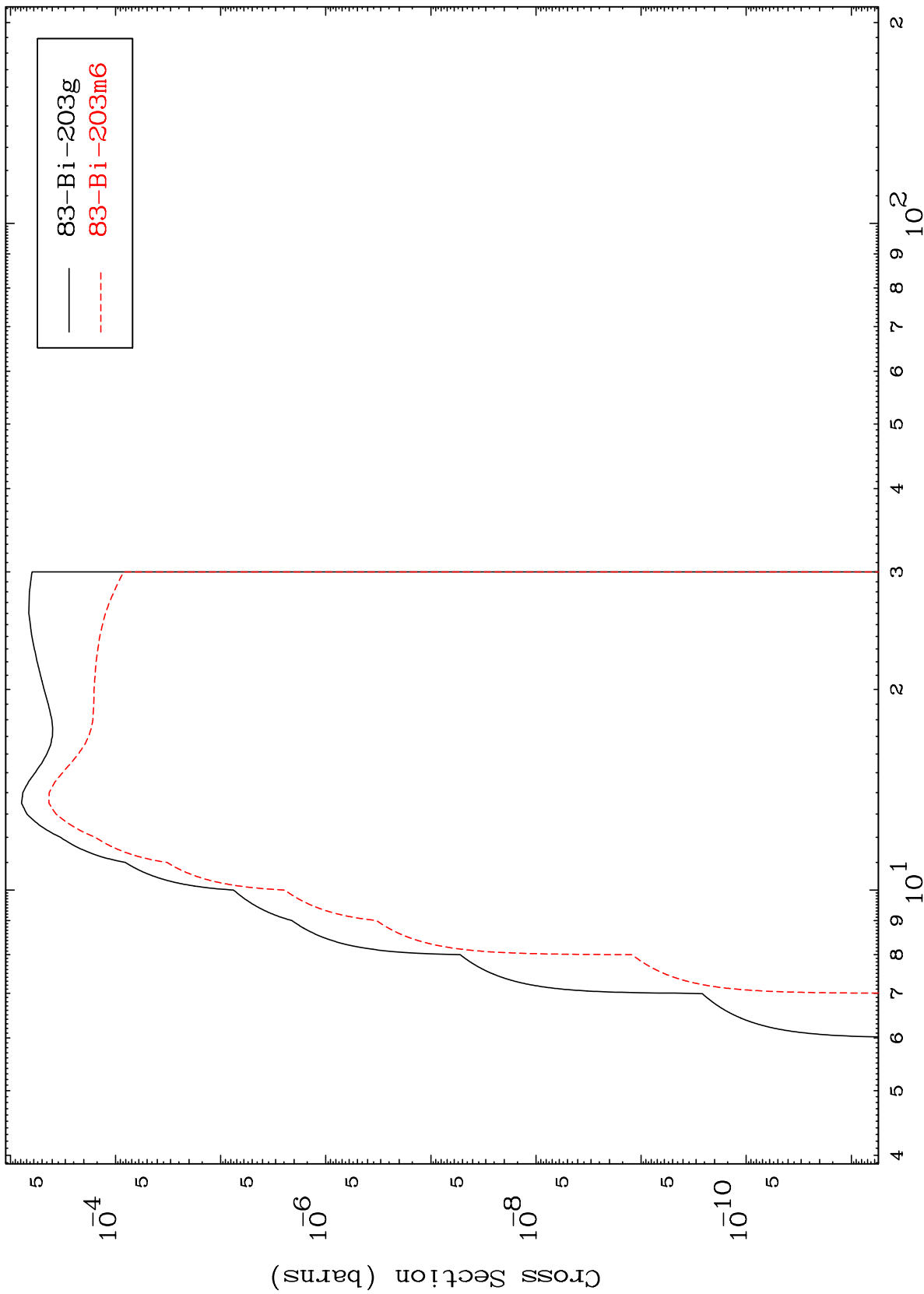
Incident Energy (MeV)

84-Po-204

MAT 8419

84-Po-204

(n,p)
Radionuclide Production Cross Section

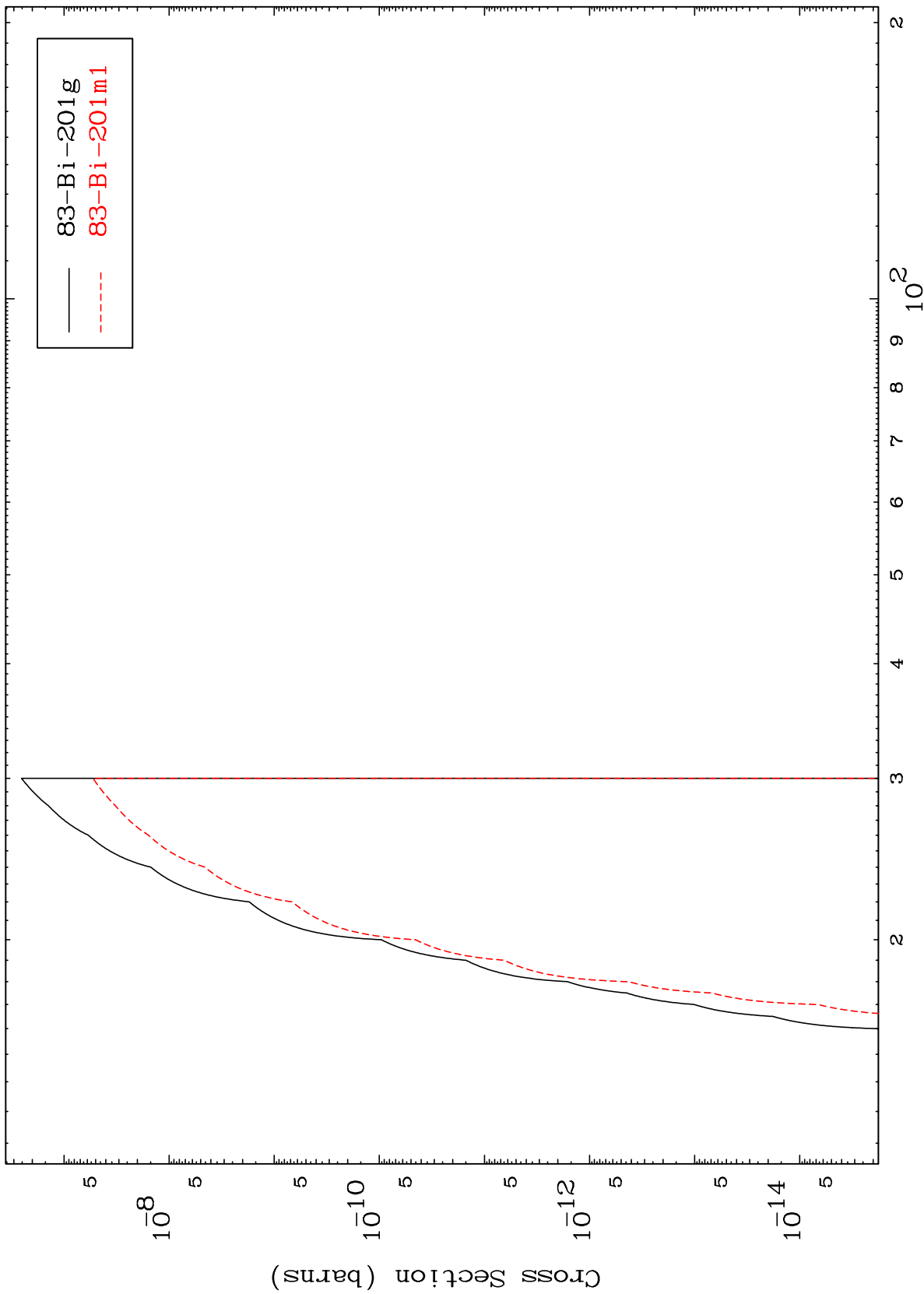


20

Incident Energy (MeV)

84-Po-204

(n, t)
Radionuclide Production Cross Section

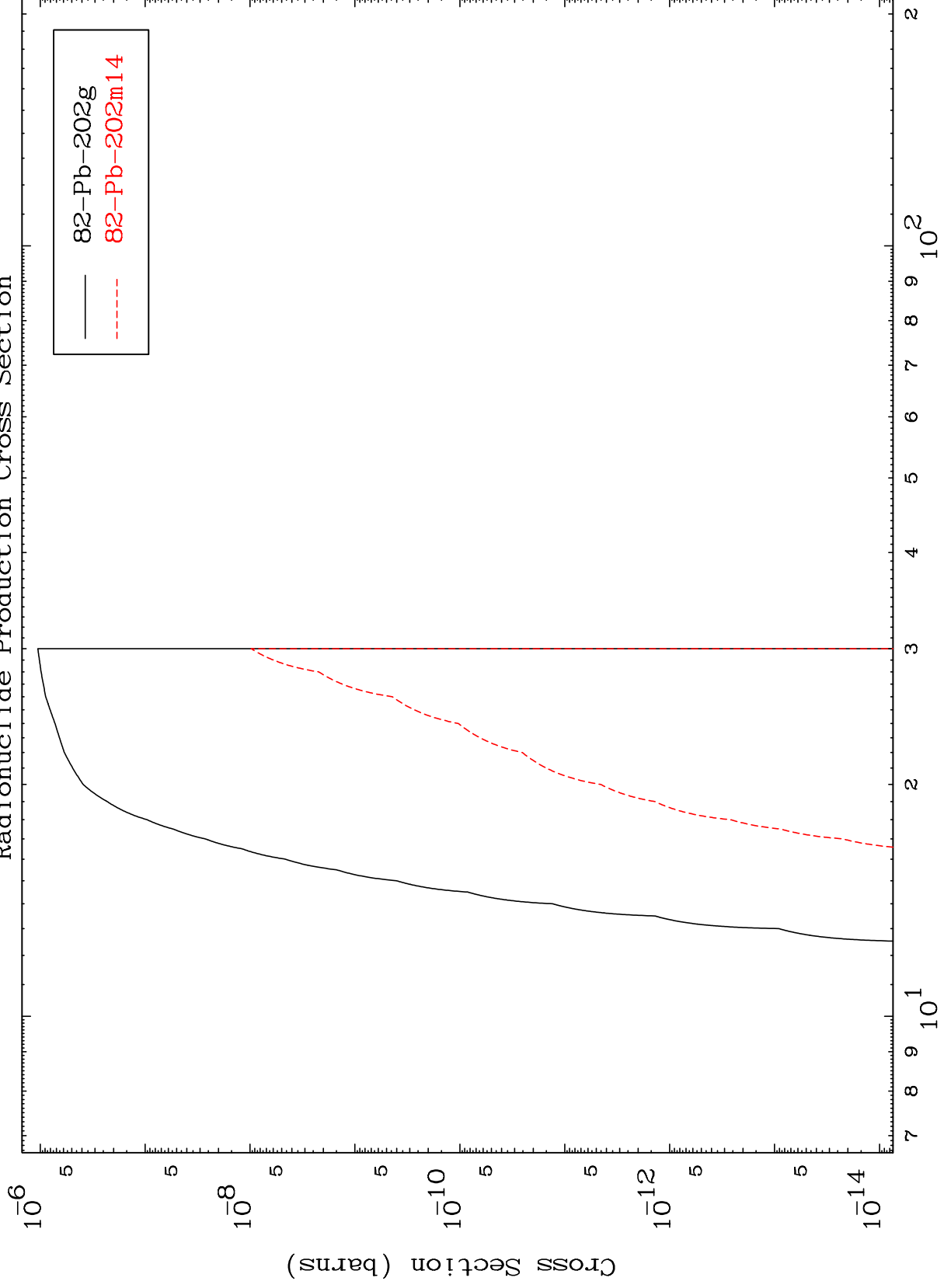


83-Bi-201g
83-Bi-201m1

MAT 8419

84-Po-204

(n,2p)
Radionuclide Production Cross Section



82-Pb-202g
82-Pb-202m14

22

Incident Energy (MeV)

84-Po-204

