

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

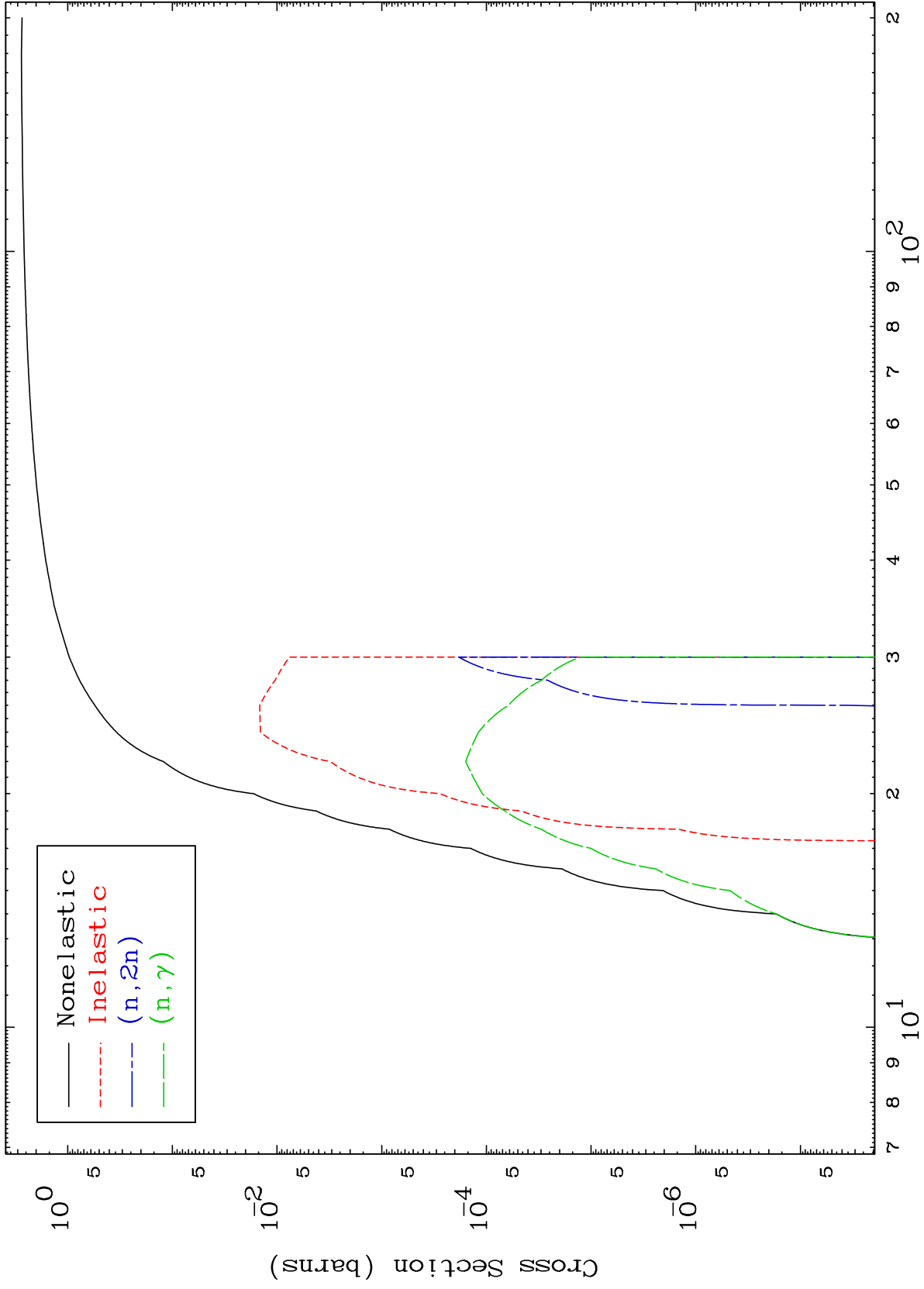
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8519

0 Kelvin Cross Sections

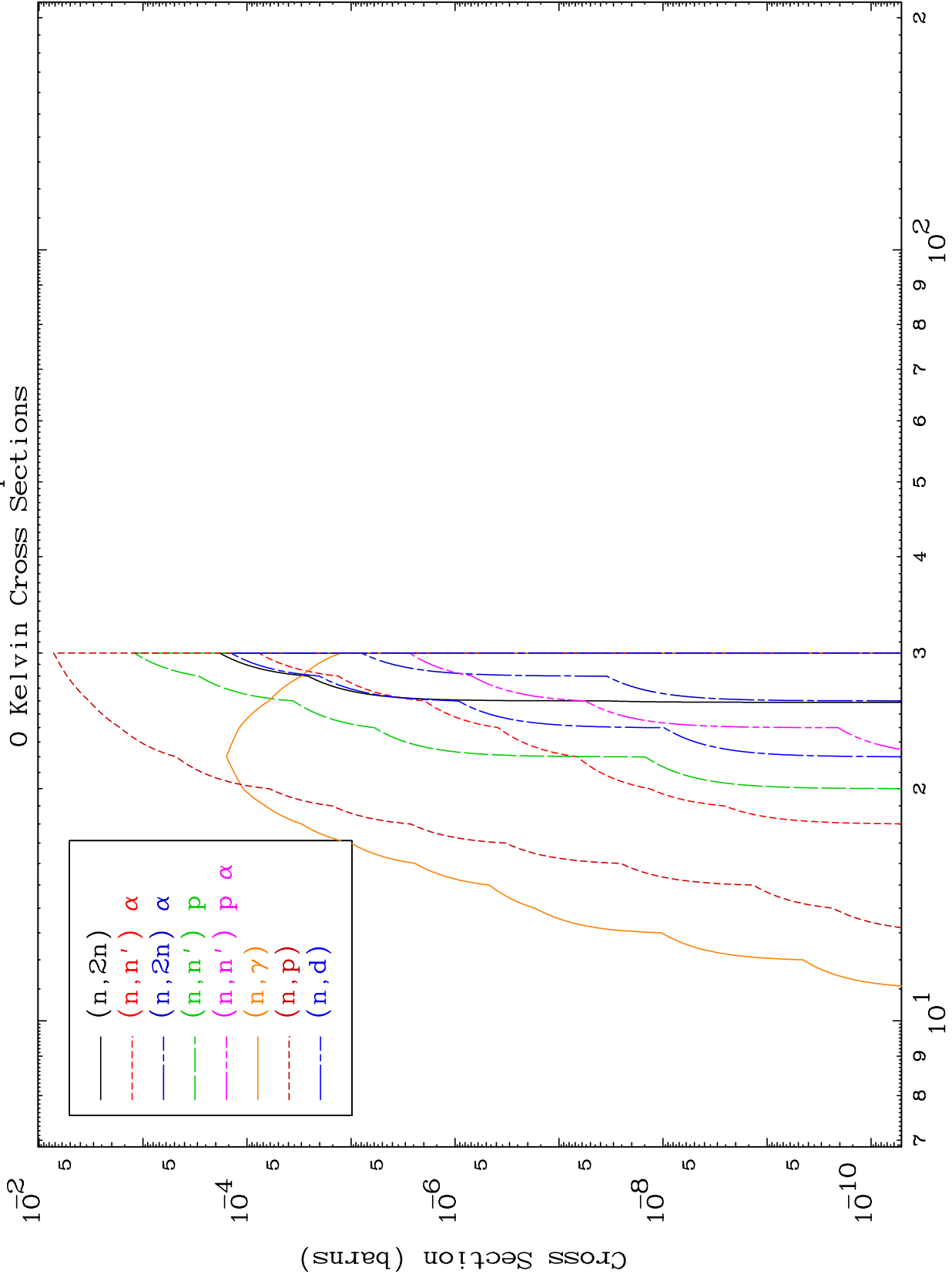
85-At-201



Incident Energy (MeV)

85-At-201

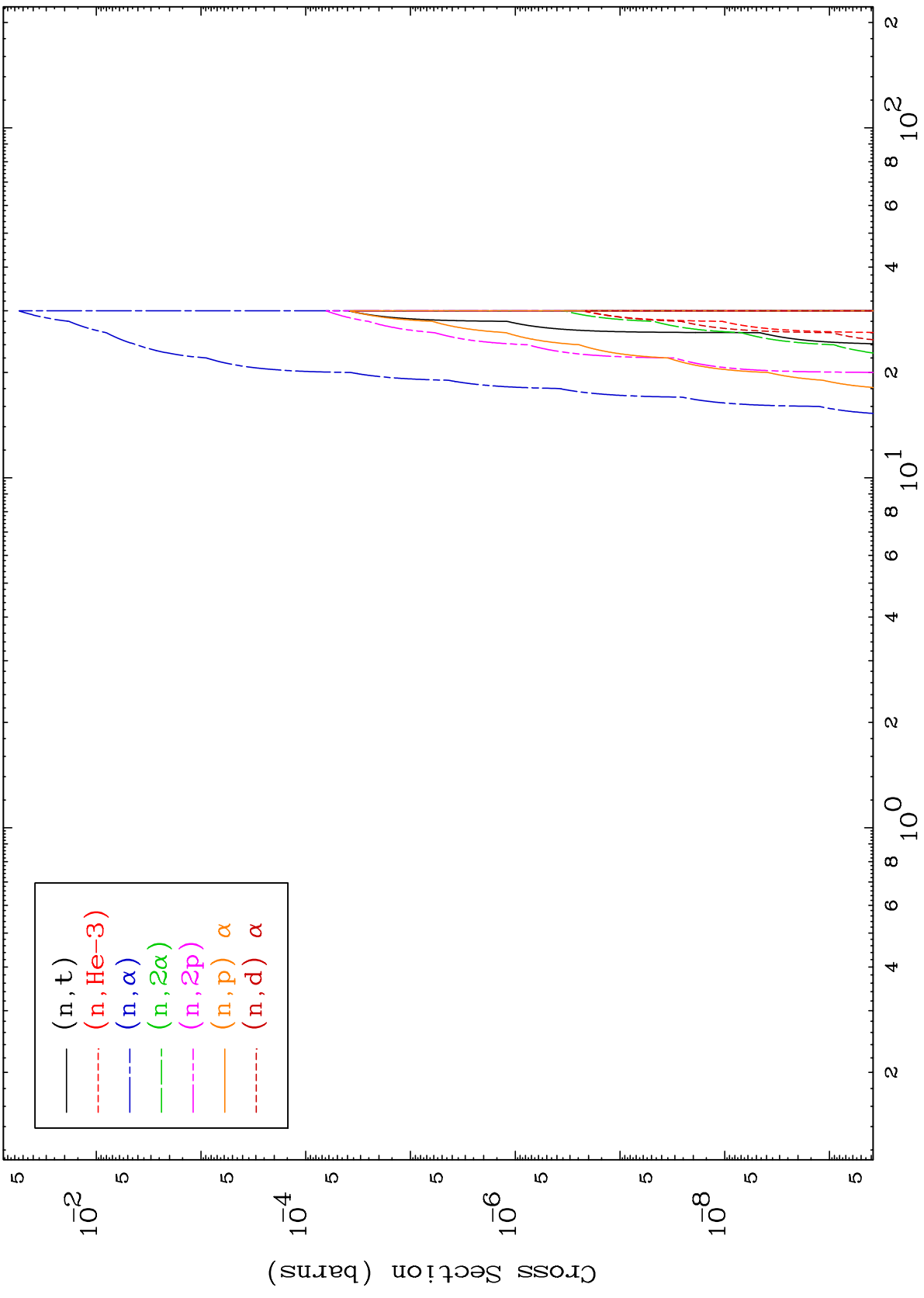
1



MAT 8519

α Neutron Absorption
0 Kelvin Cross Sections

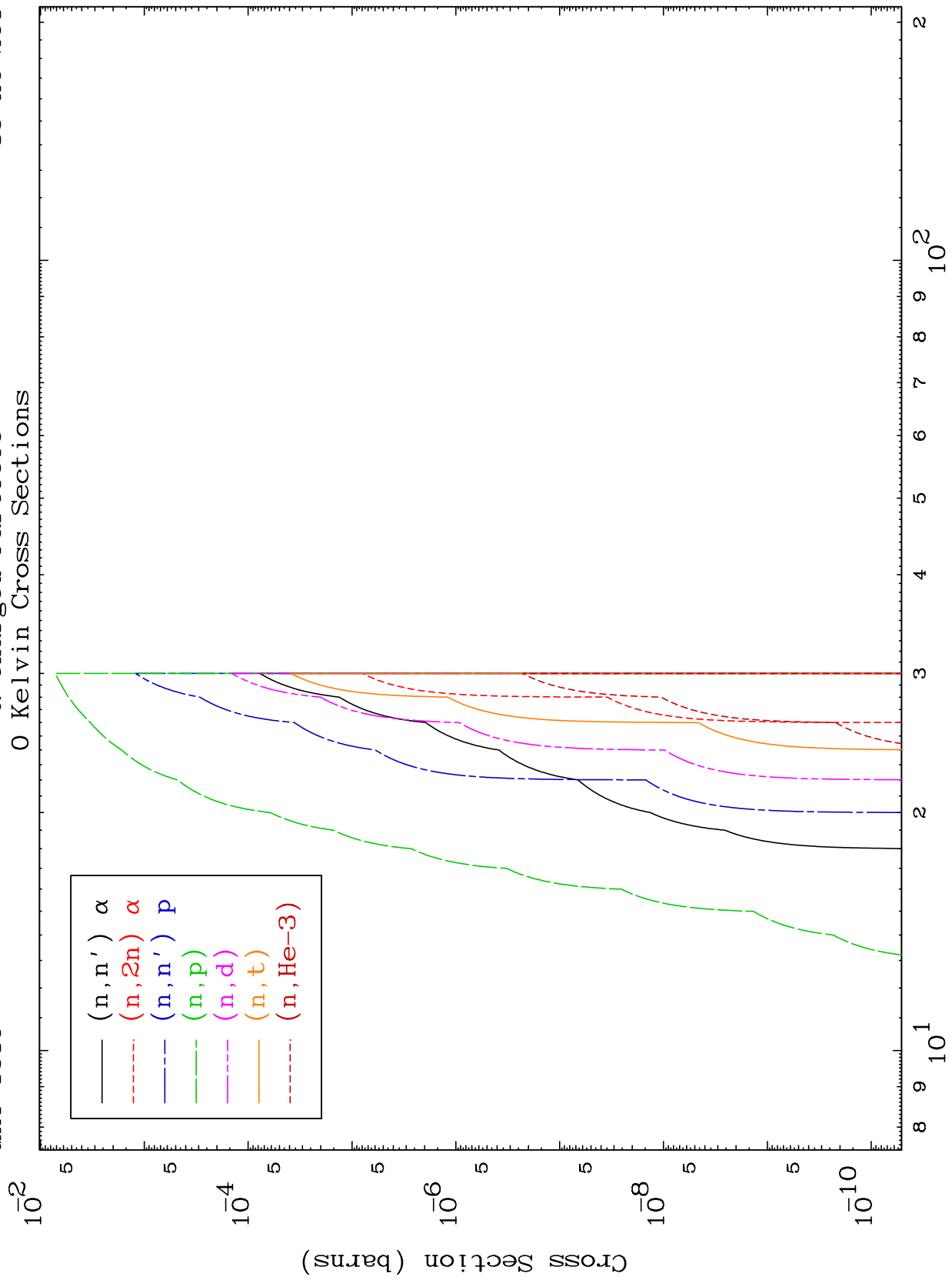
85-At-201



MAT 8519

α Charged Particle
0 Kelvin Cross Sections

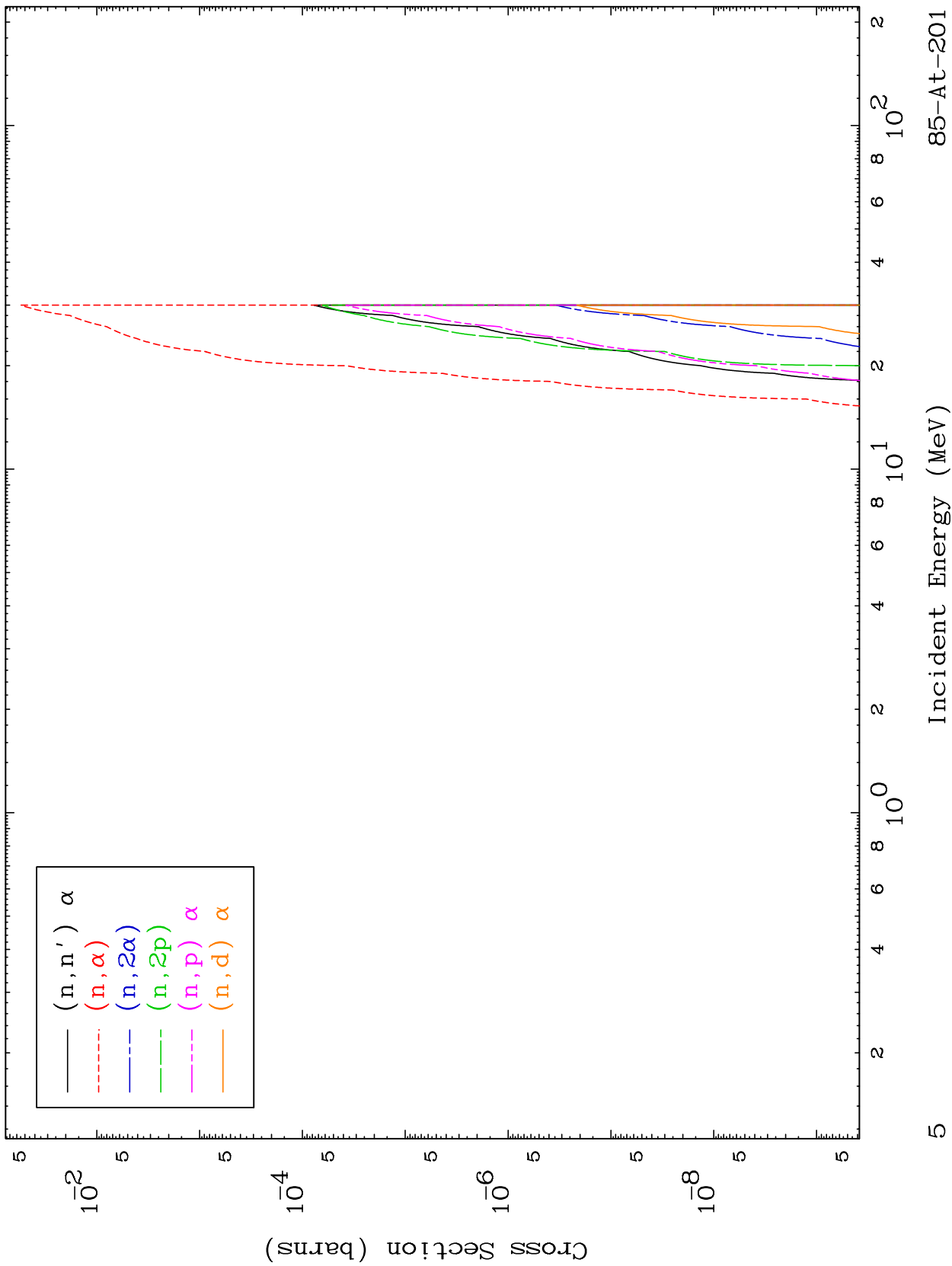
85-At-201



Incident Energy (MeV)

85-At-201

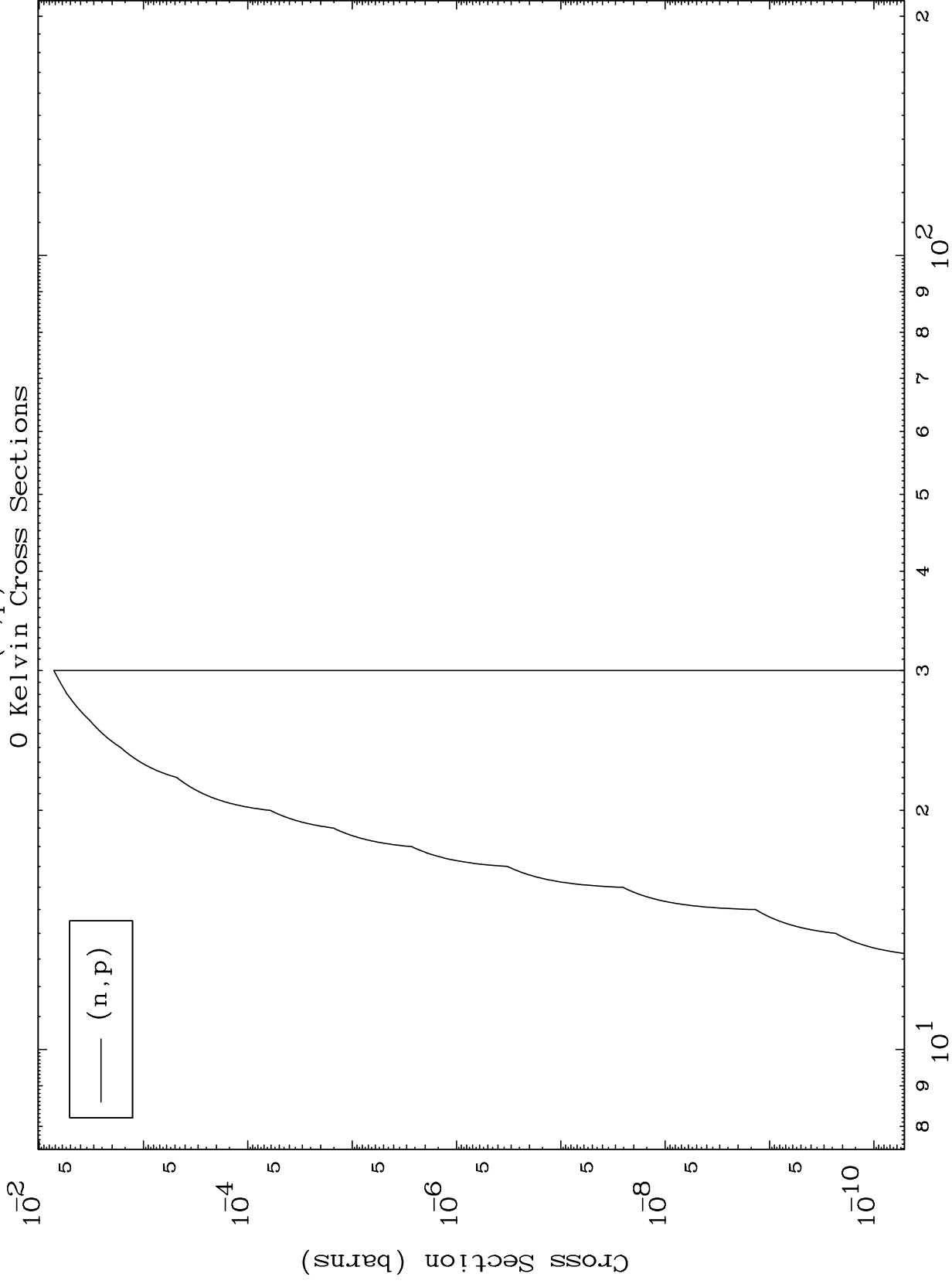
4



MAT 8519

(α, p) Levels

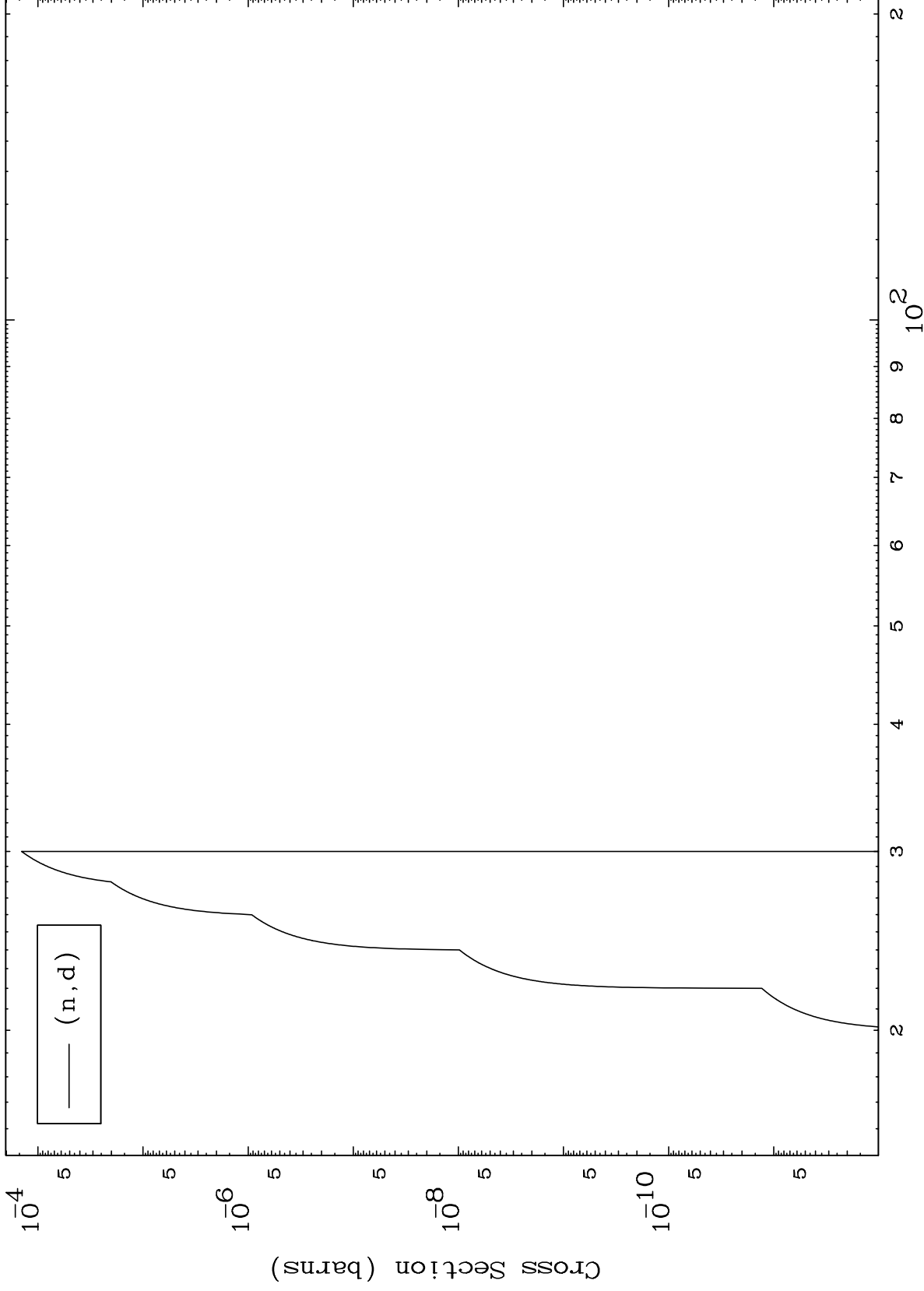
85-At-201



MAT 8519

(α, d) Levels
0 Kelvin Cross Sections

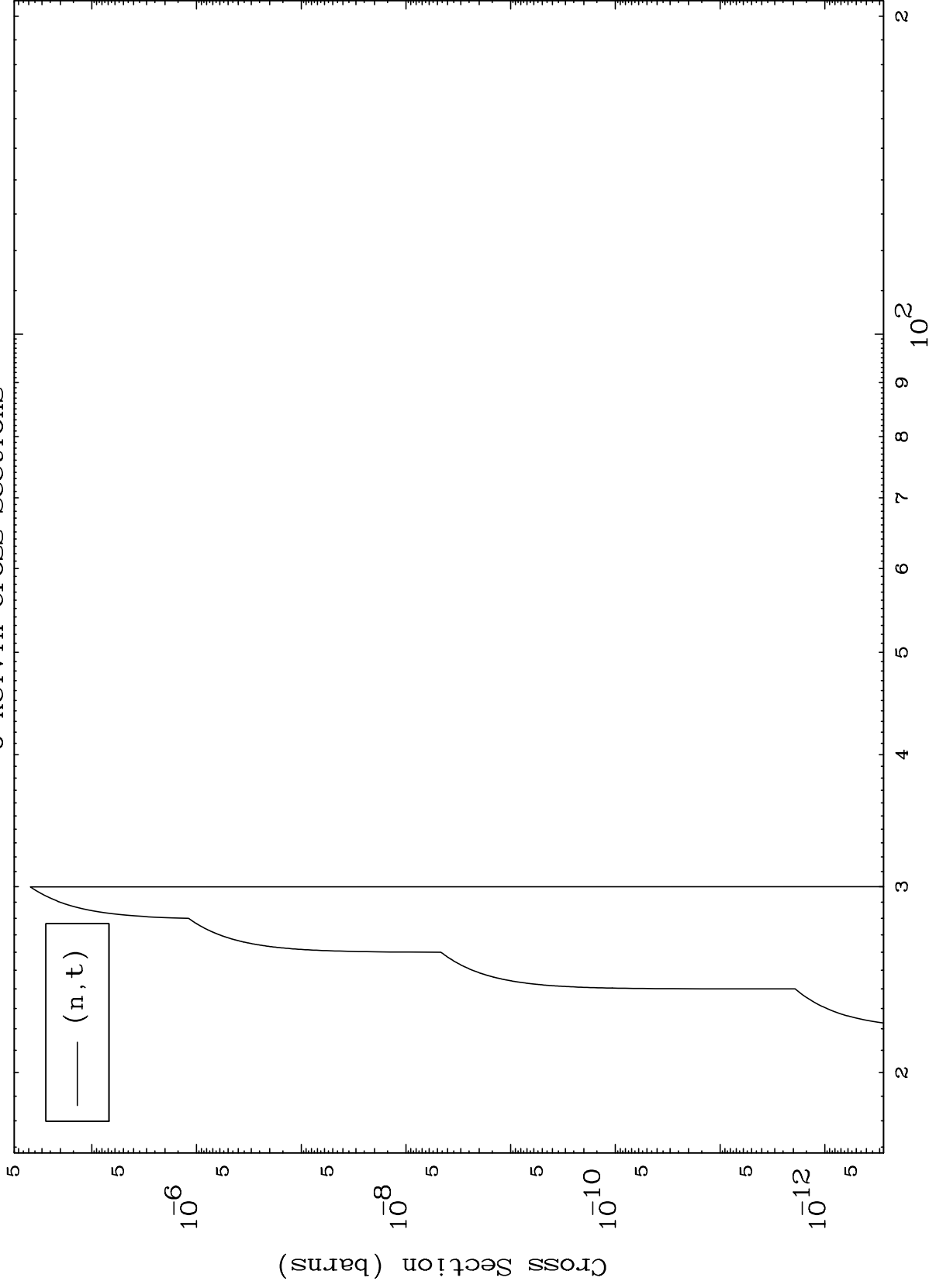
85-At-201

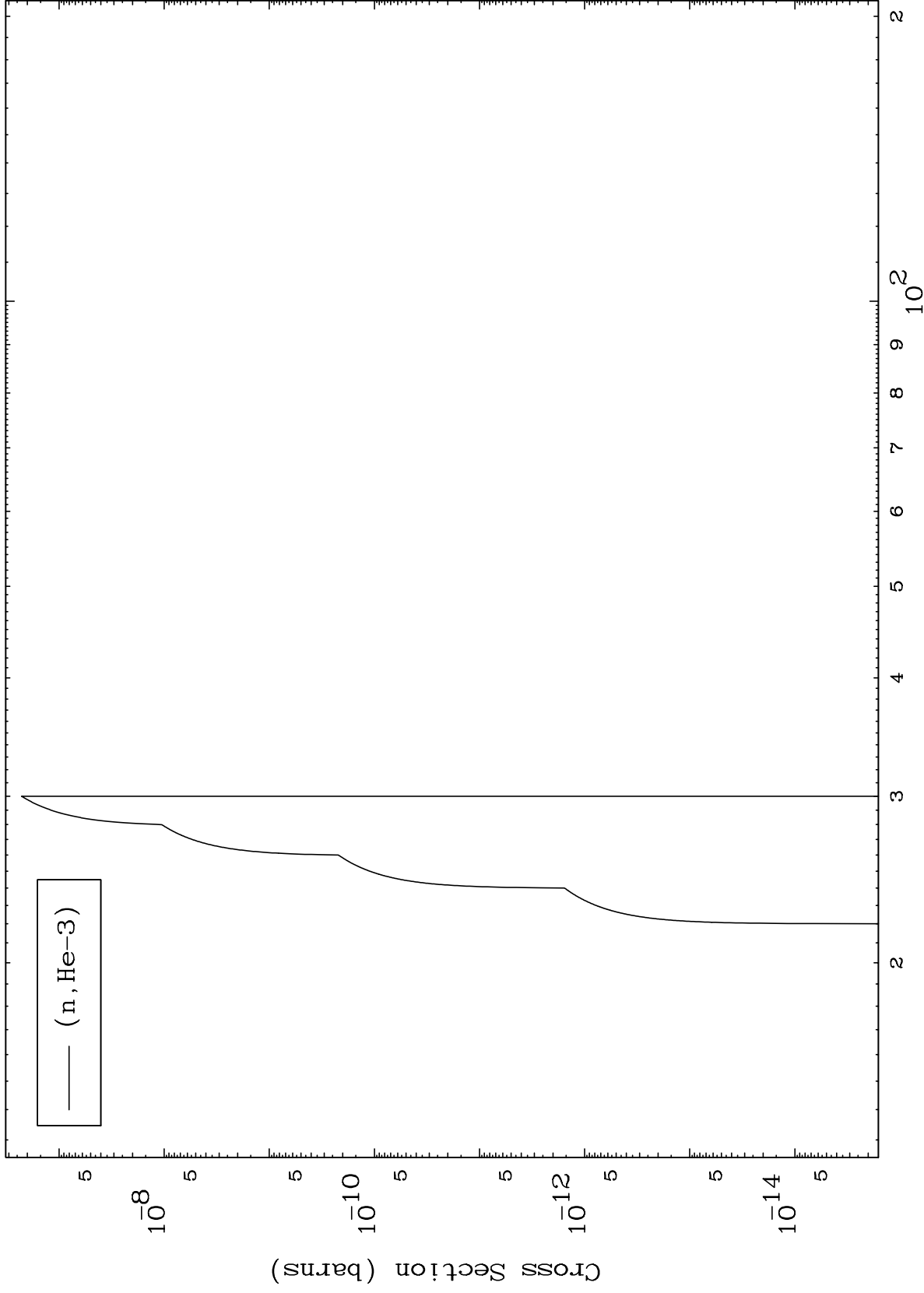


7

Incident Energy (MeV)

85-At-201



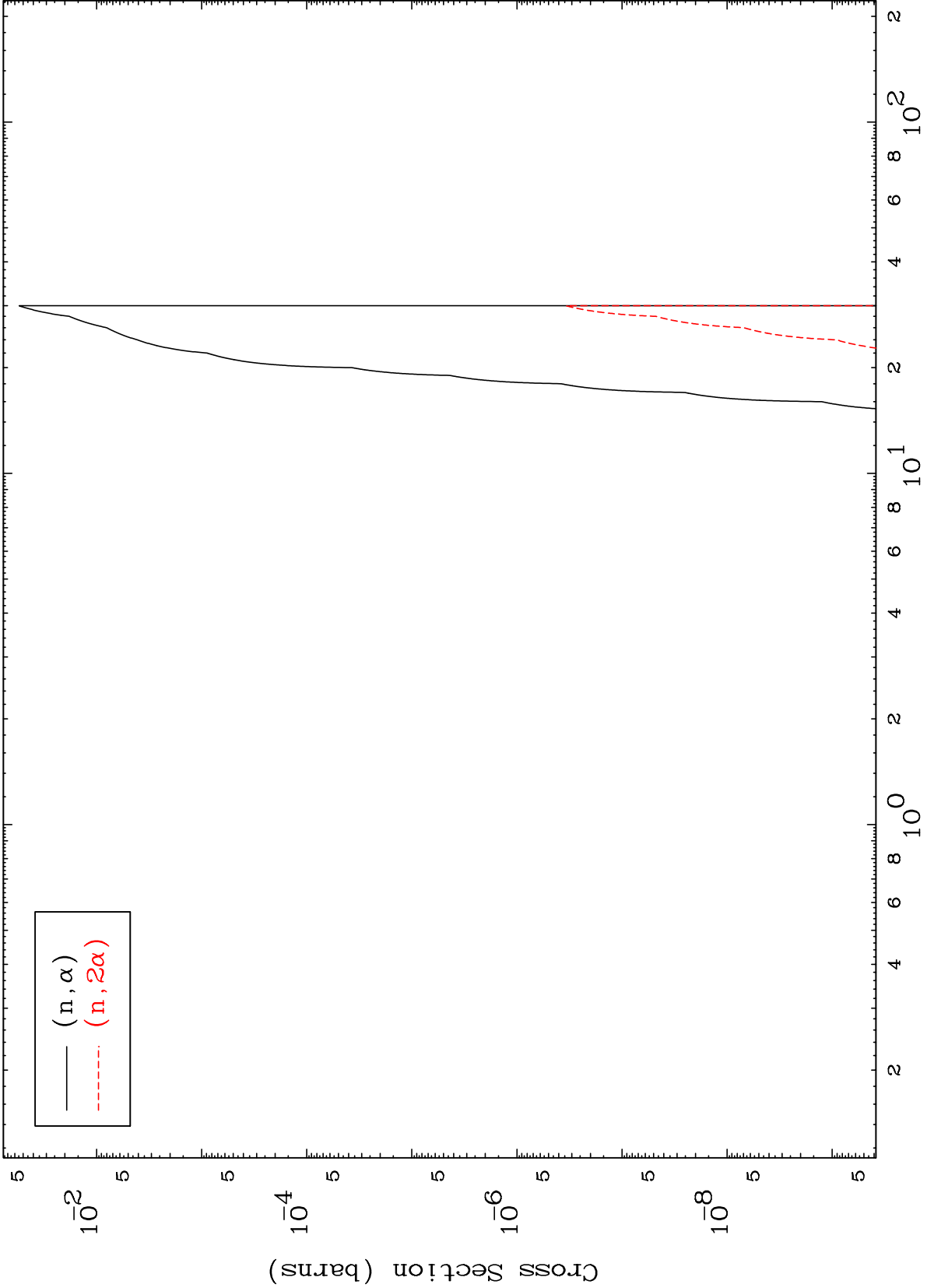


MAT 8519

(α, α) Levels

85-At-201

0 Kelvin Cross Sections



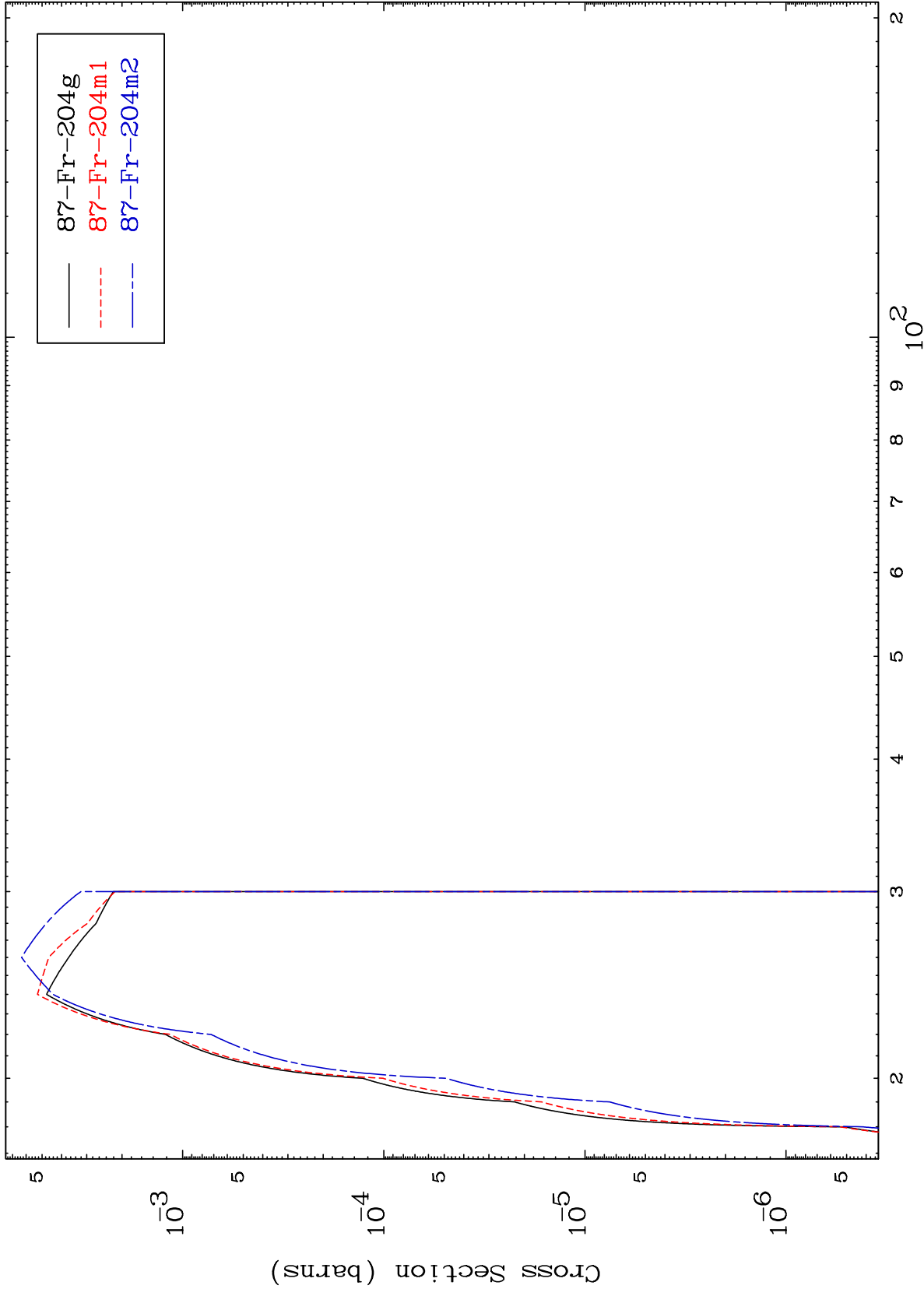
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

85-At-201

Inelastic
Radionuclide Production Cross Section

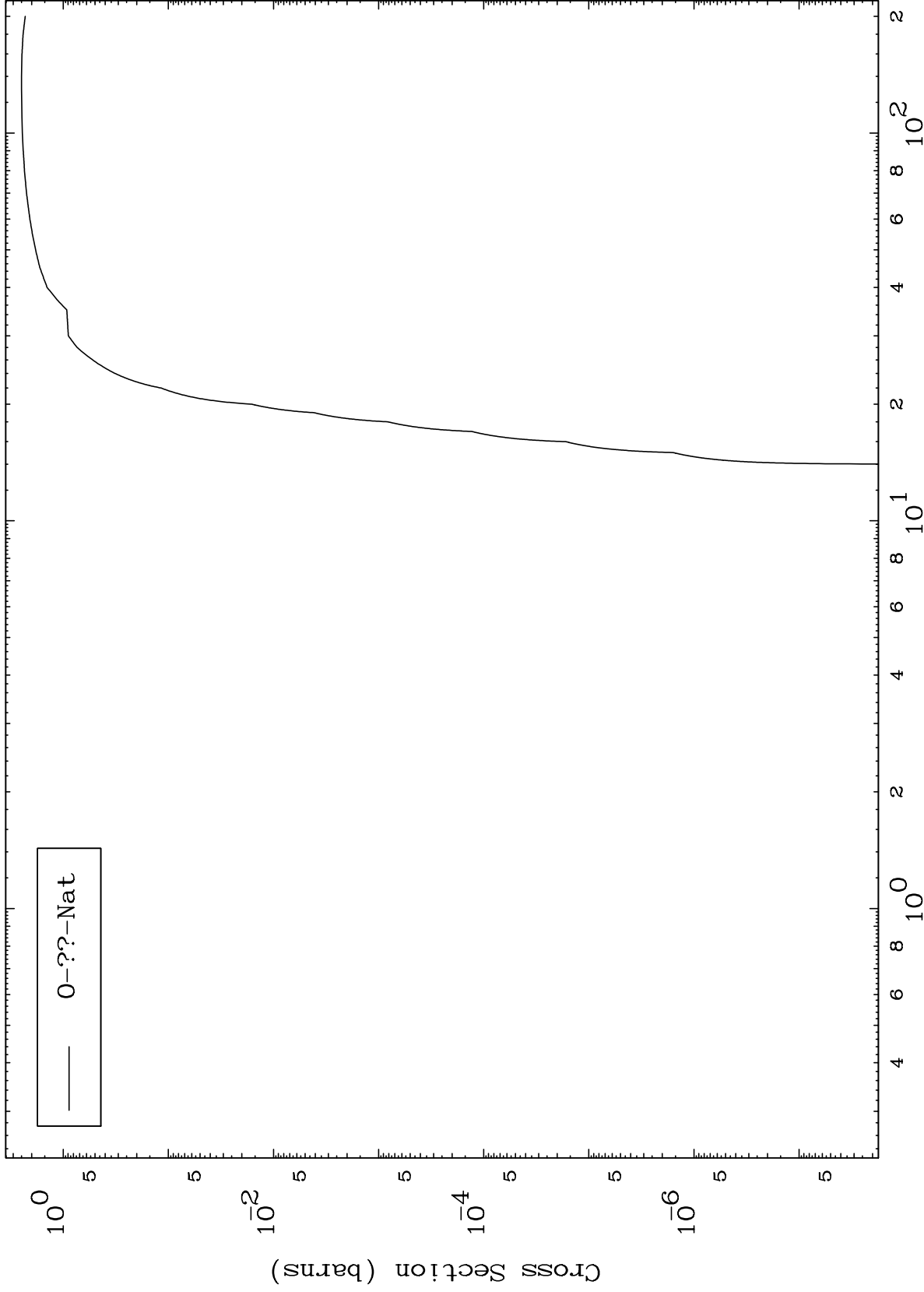


MAT 8519

Fission

85-At-201

Radionuclide Production Cross Section



12

Incident Energy (MeV)

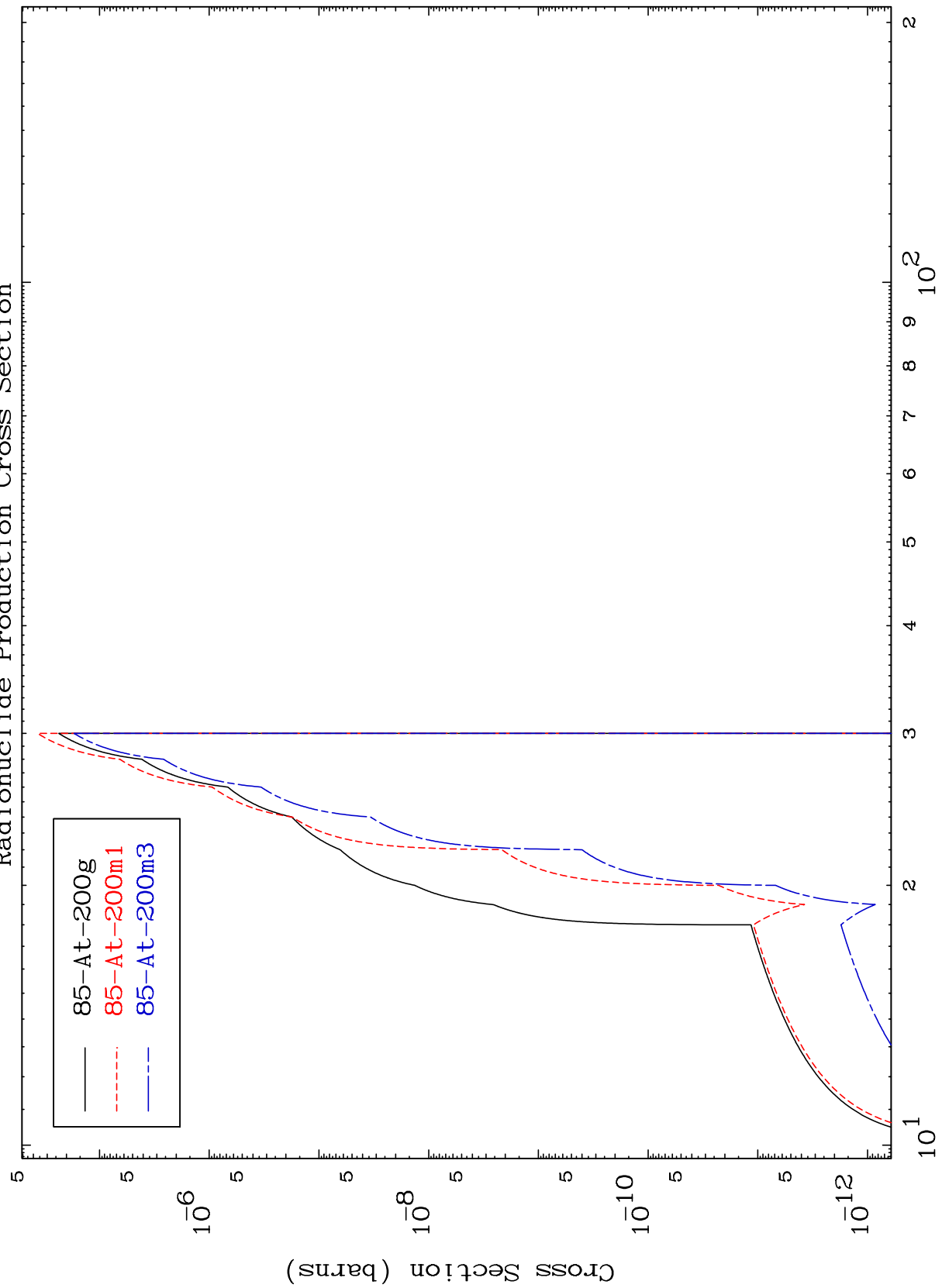
85-At-201

MAT 8519

(n,n') α

85-At-201

Radionuclide Production Cross Section

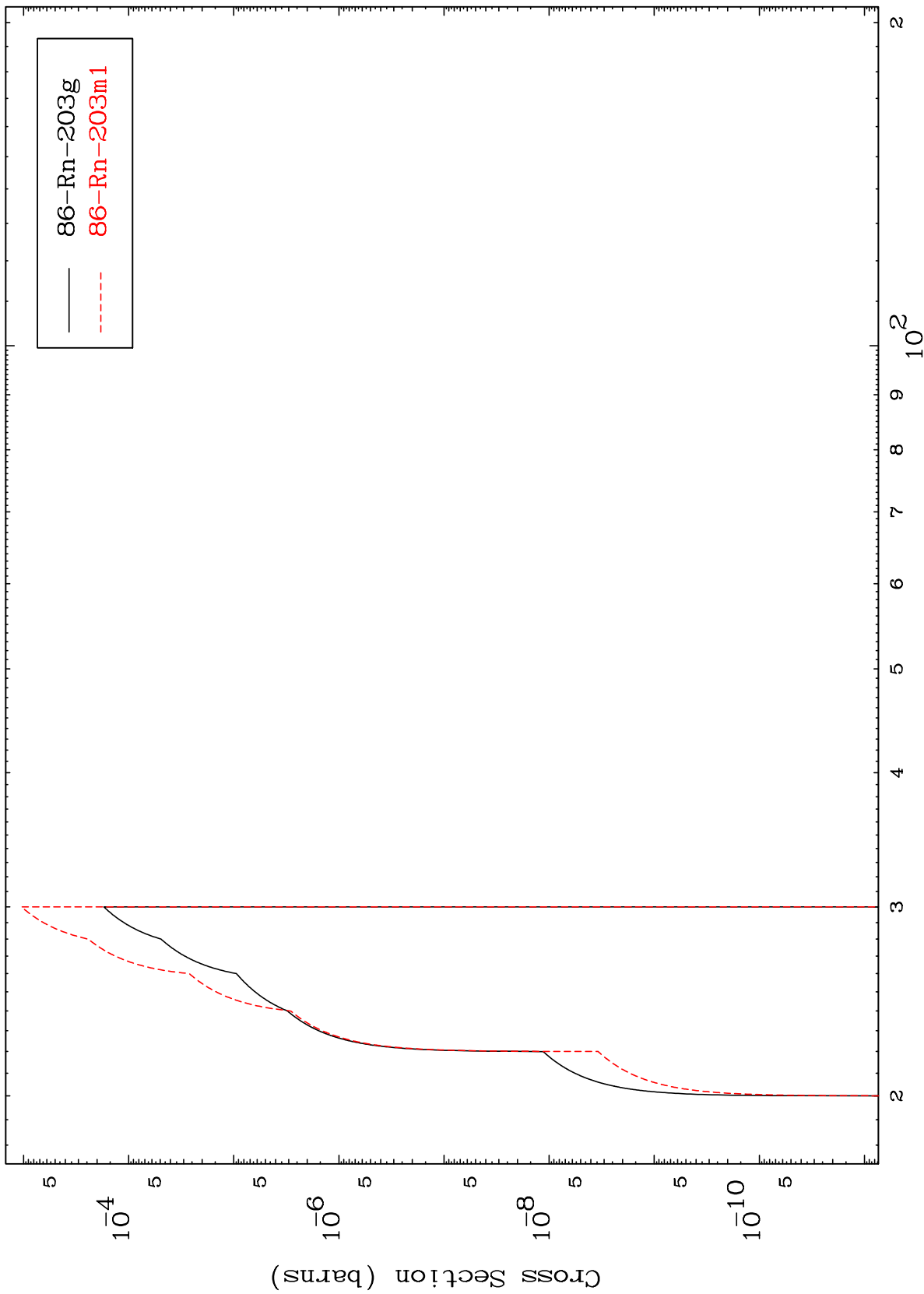


13

Incident Energy (MeV)

85-At-201

(n, n') p
Radionuclide Production Cross Section

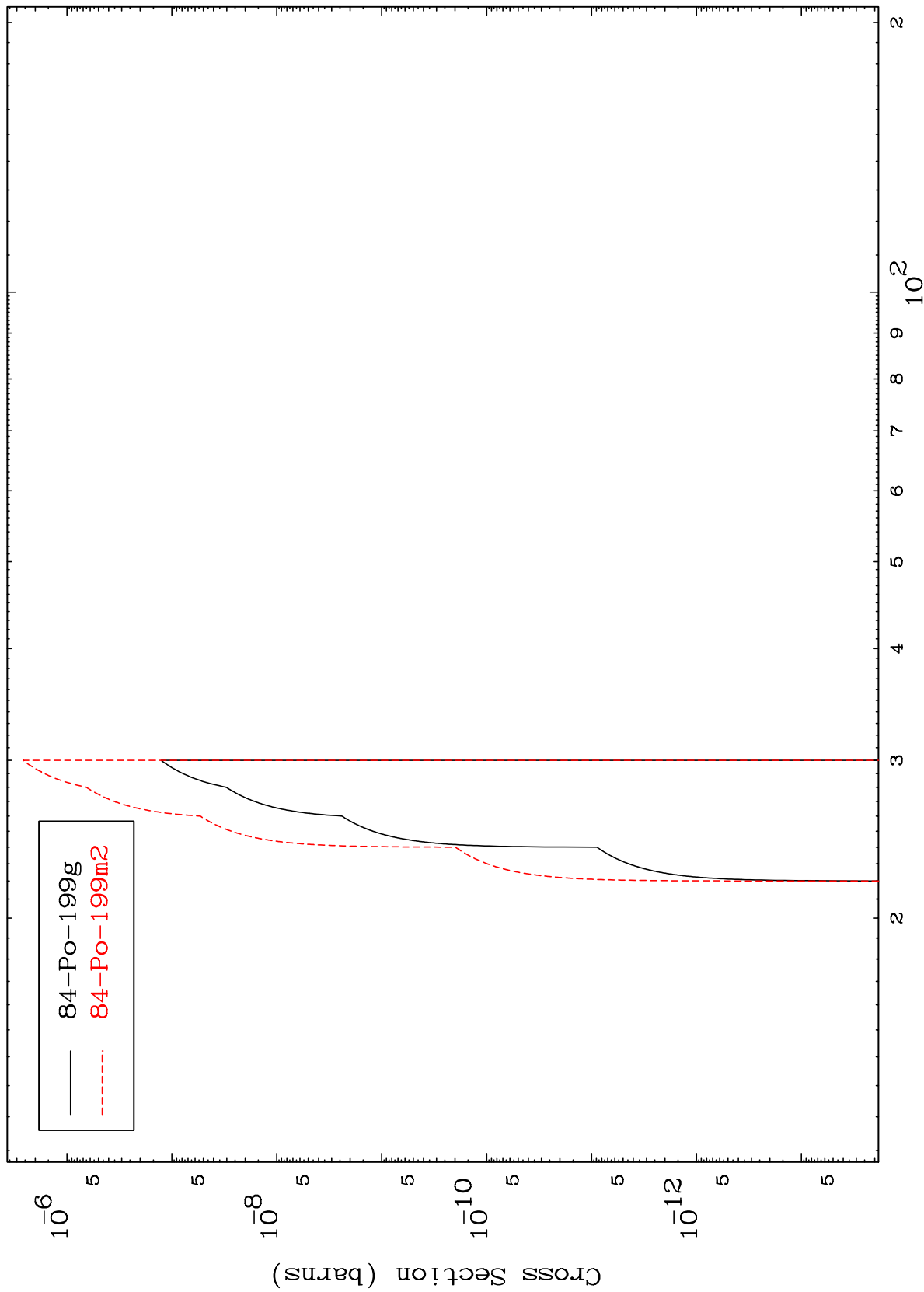


MAT 8519

(n,n') p α

85-At-201

Radionuclide Production Cross Section

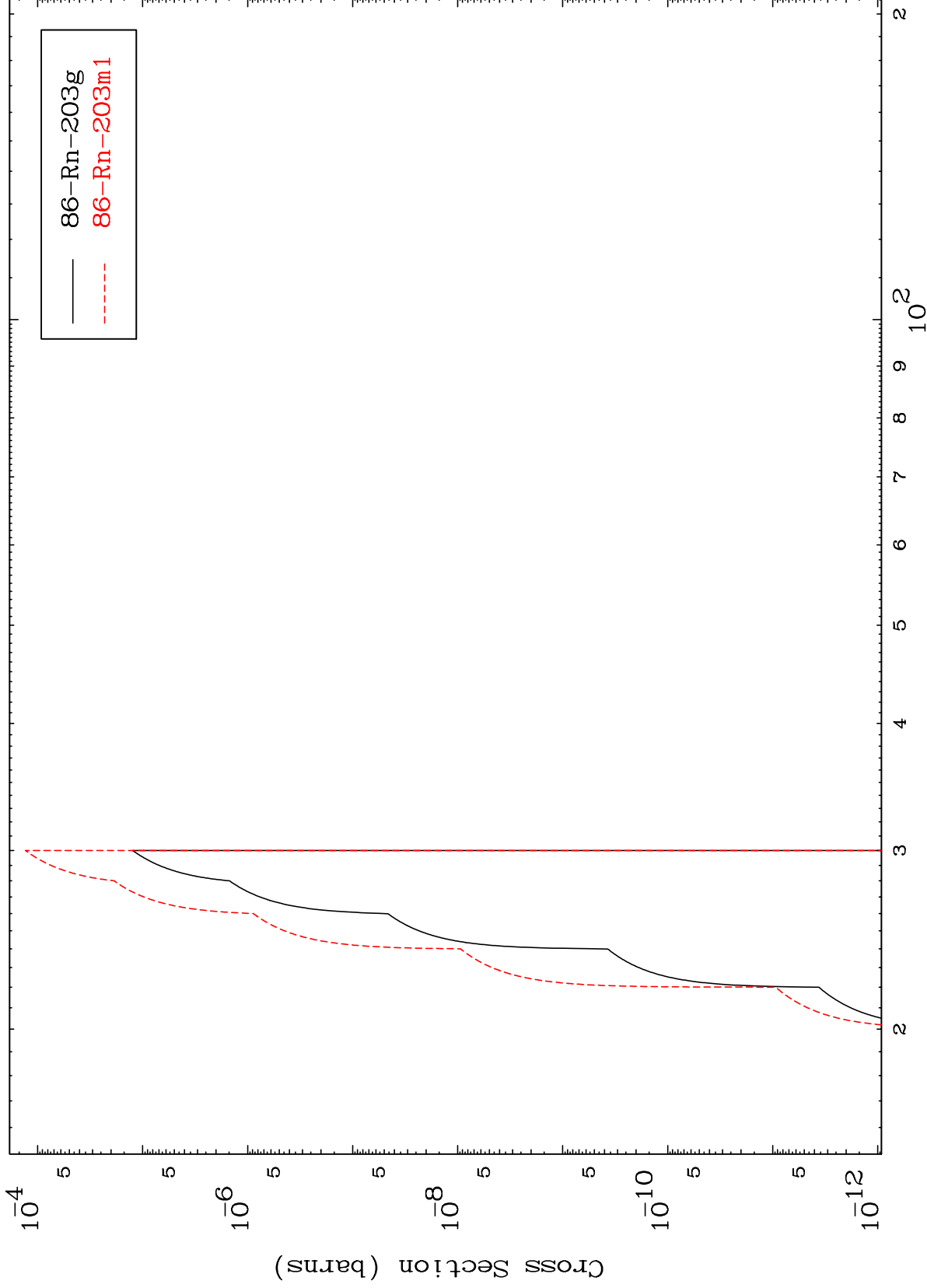


15

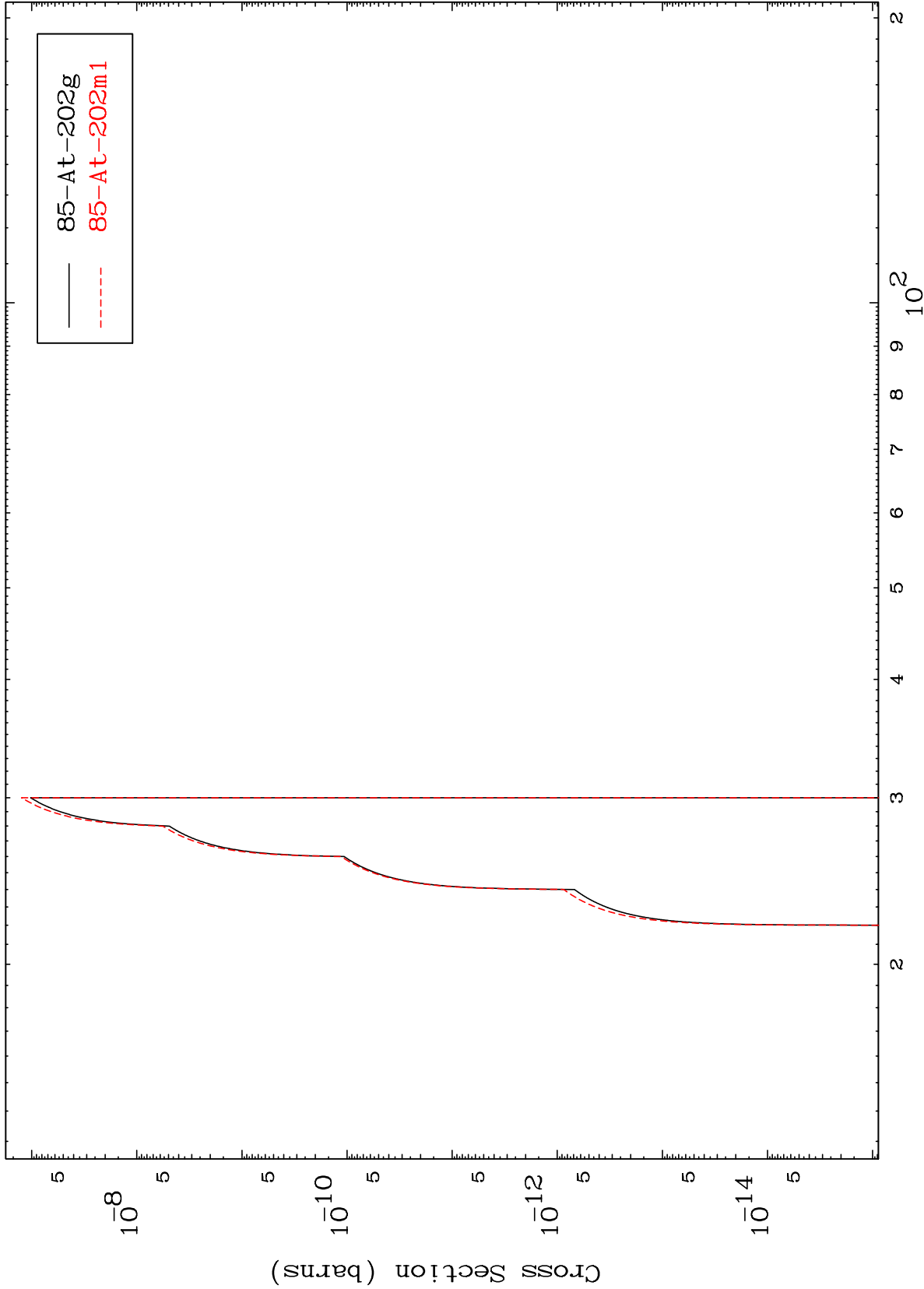
Incident Energy (MeV)

85-At-201

(n,d)
Radionuclide Production Cross Section



(n,He-3)
Radionuclide Production Cross Section

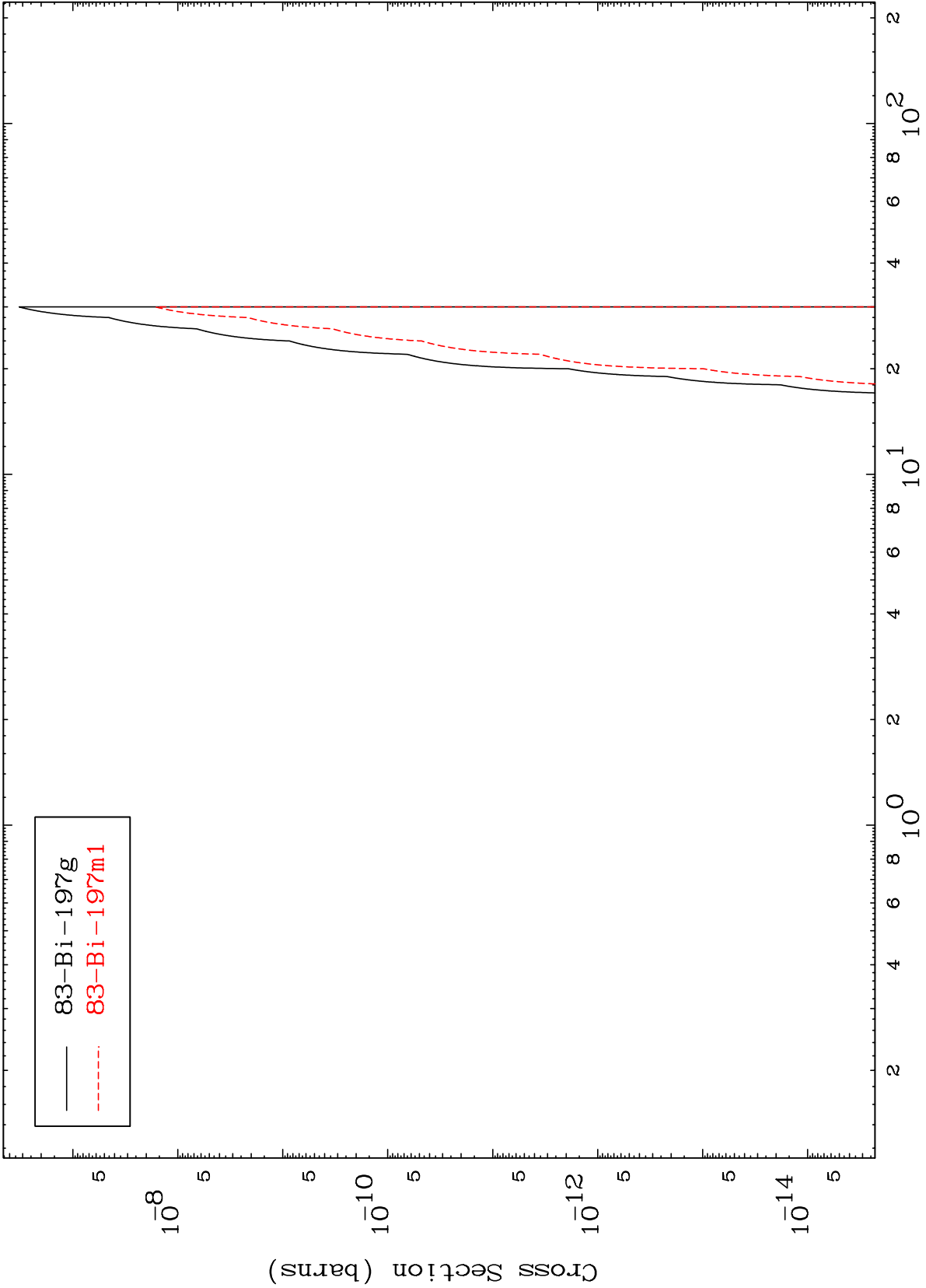


MAT 8519

(n,2α)

85-At-201

Radionuclide Production Cross Section

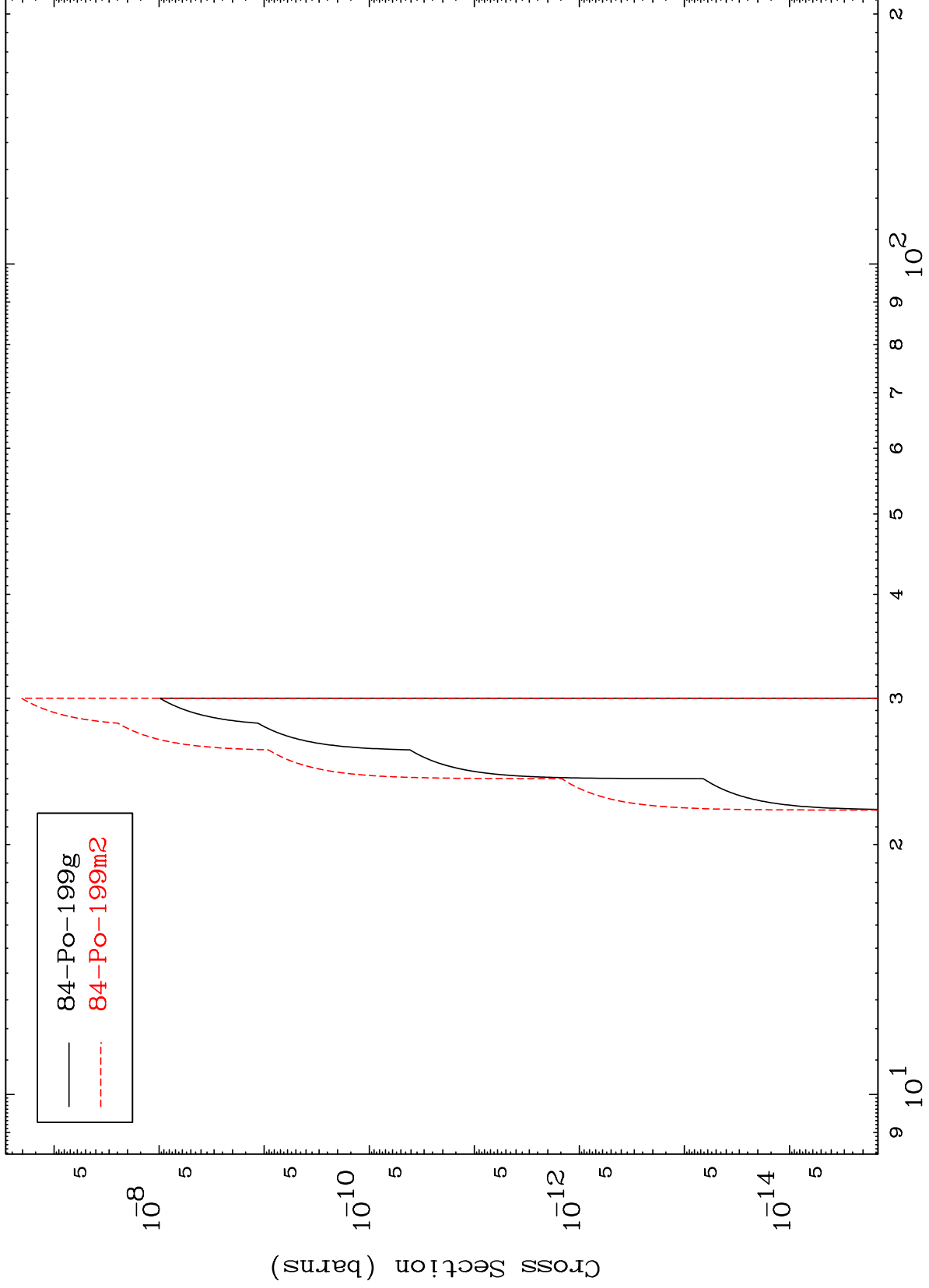


MAT 8519

(n,d) α

85-At-201

Radionuclide Production Cross Section



19

Incident Energy (MeV)

85-At-201