

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

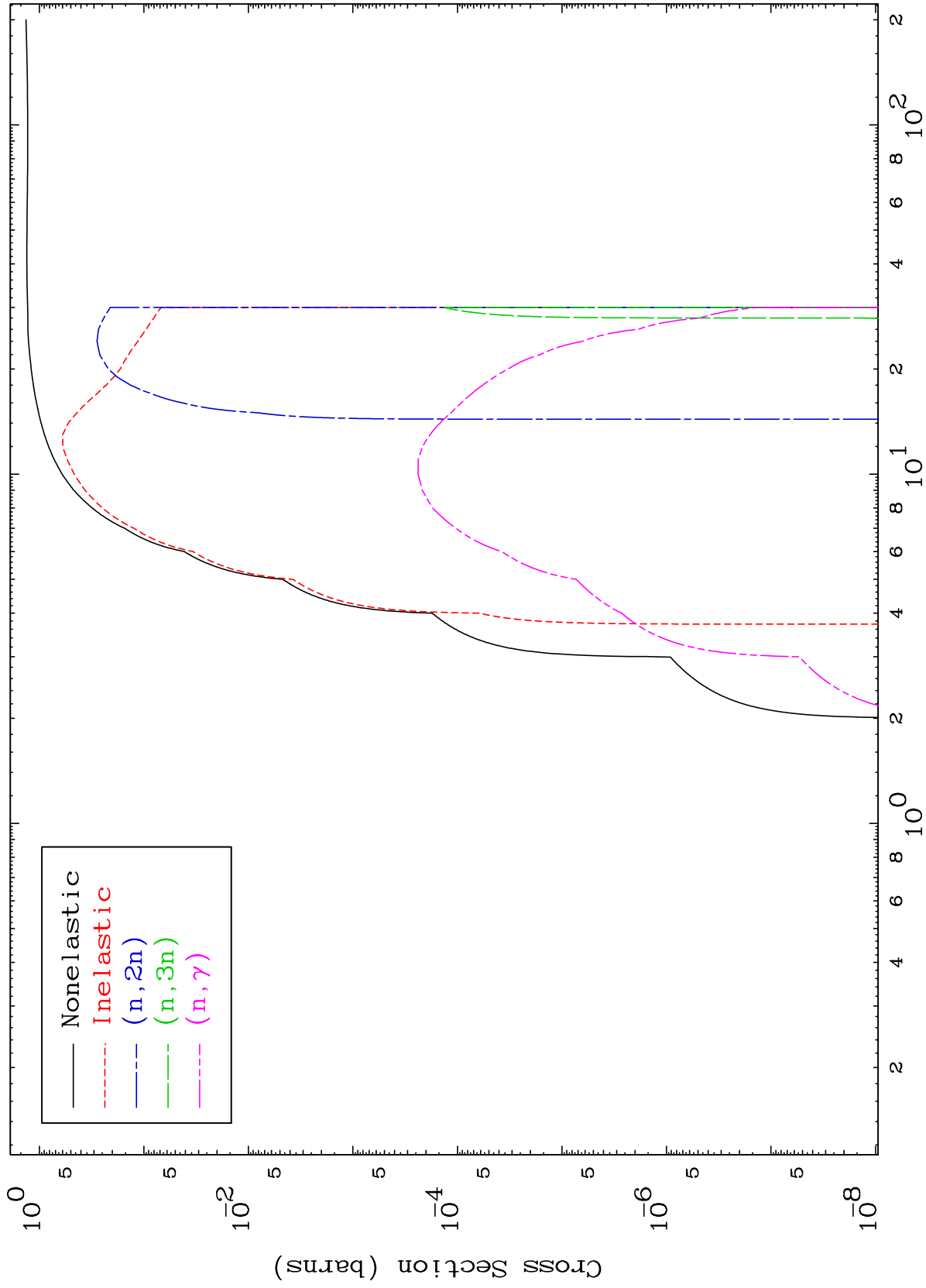
Press Mouse Button to Start

MAT 1931

α Major

19-K -41

0 Kelvin Cross Sections



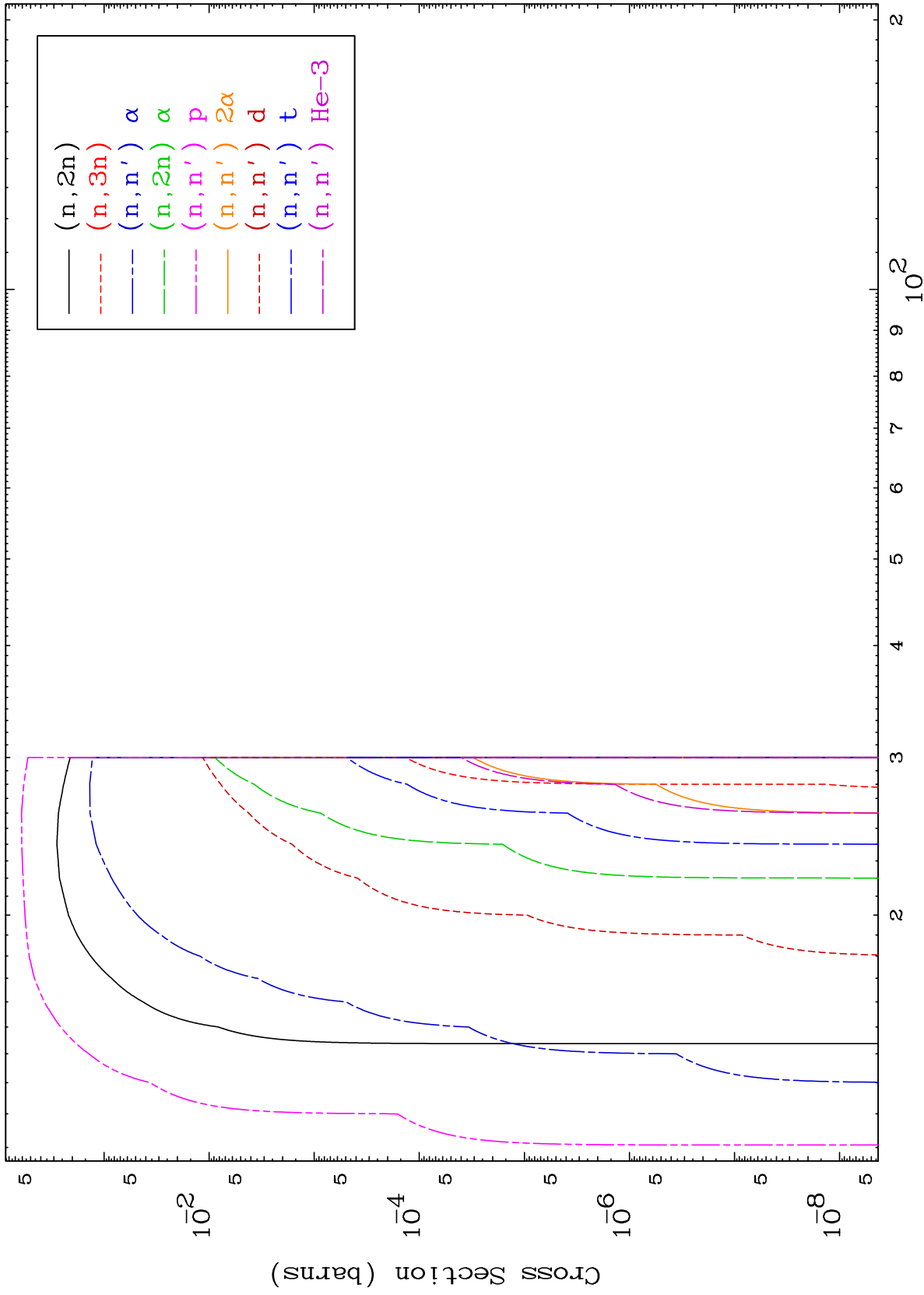
1

19-K -41

MAT 1931

α Neutron Absorption
0 Kelvin Cross Sections

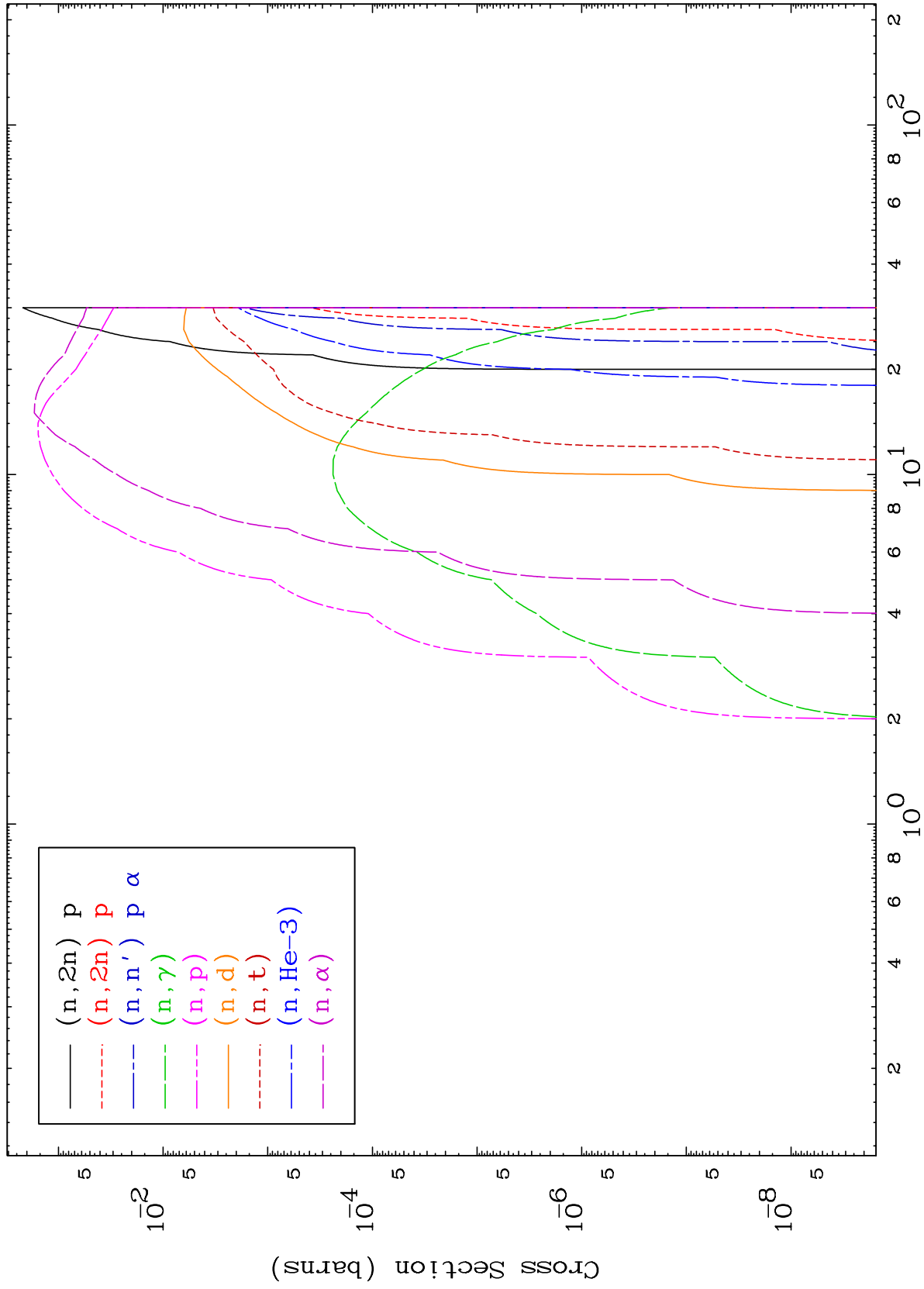
19-K -41

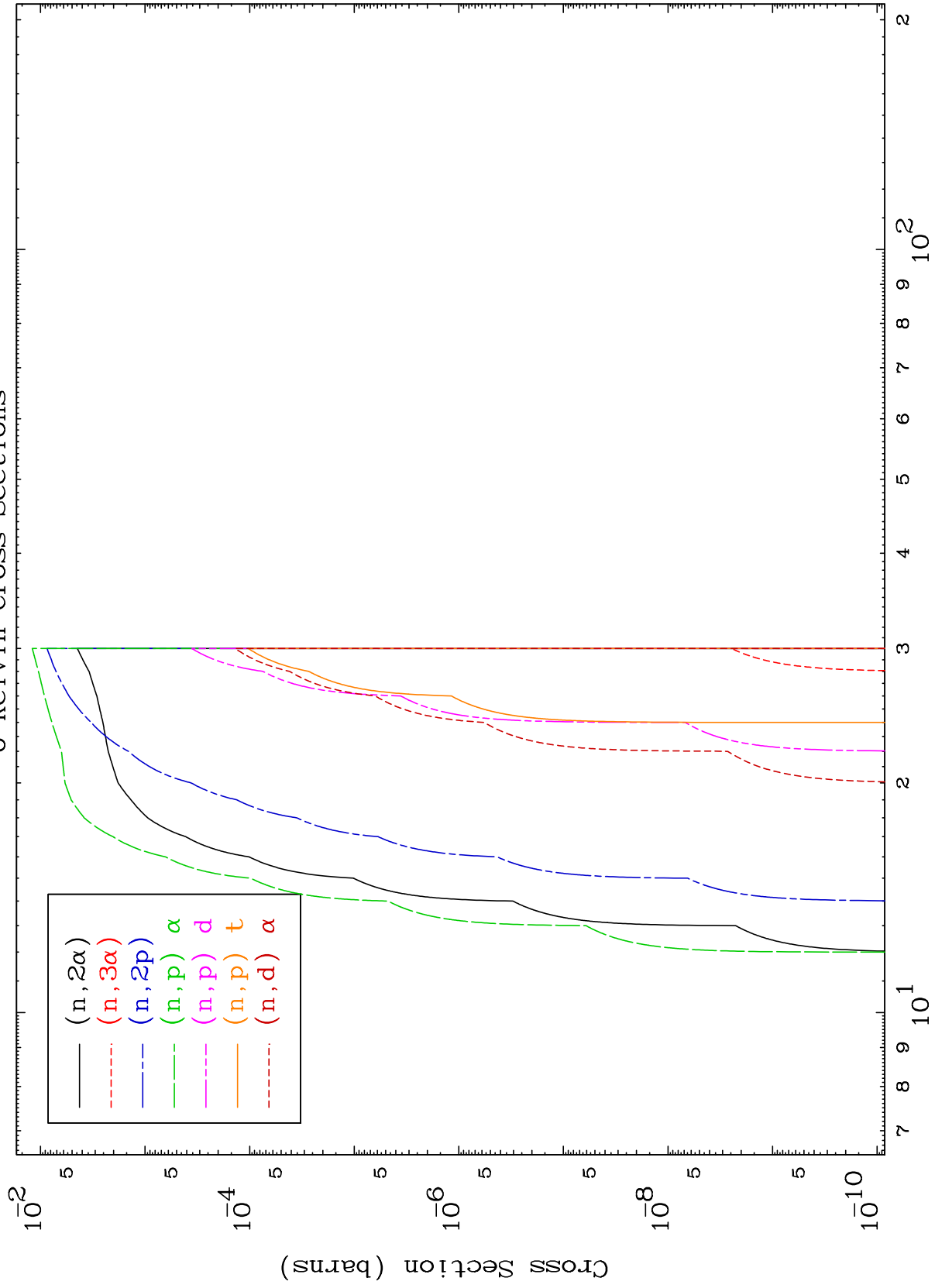


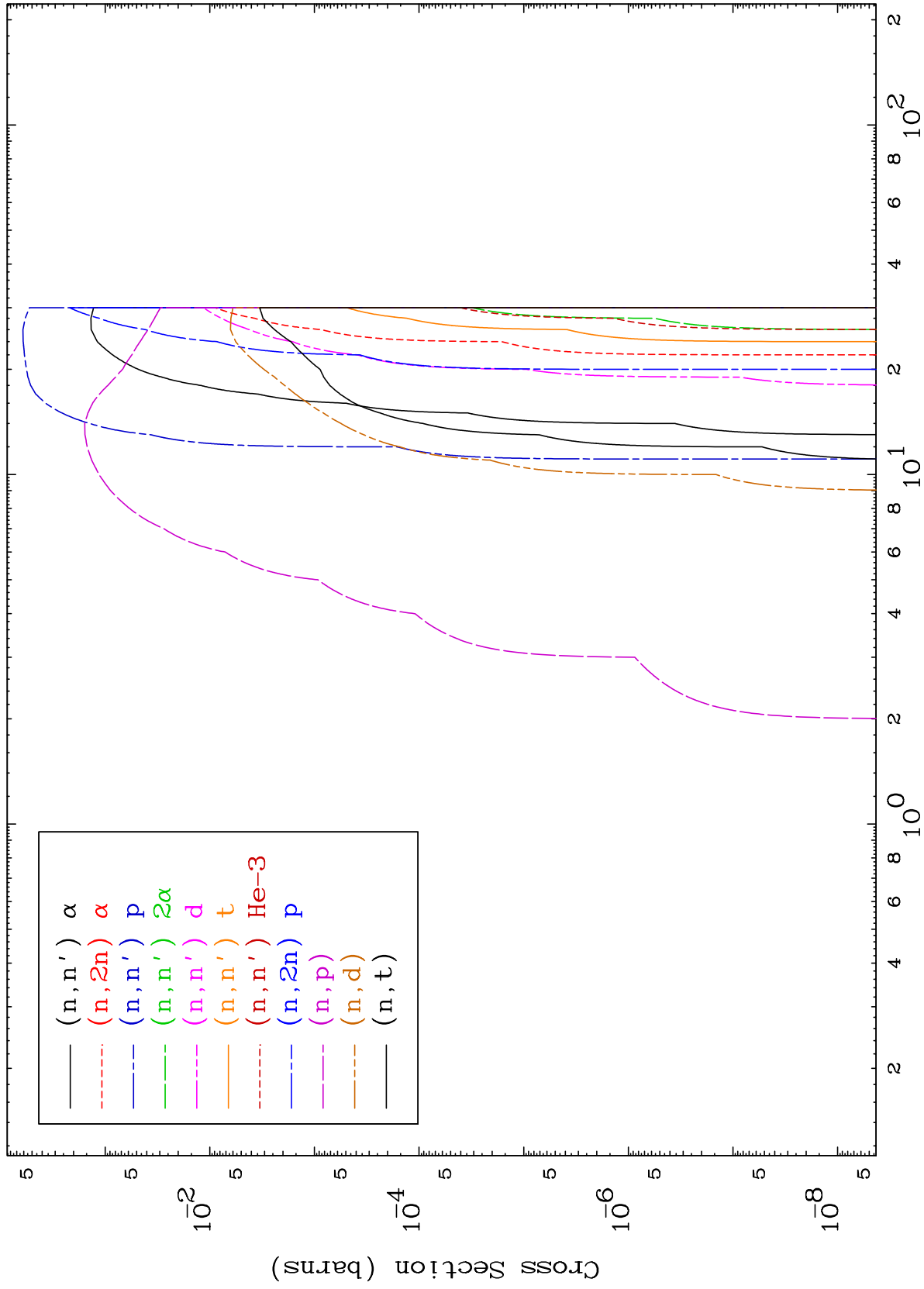
2

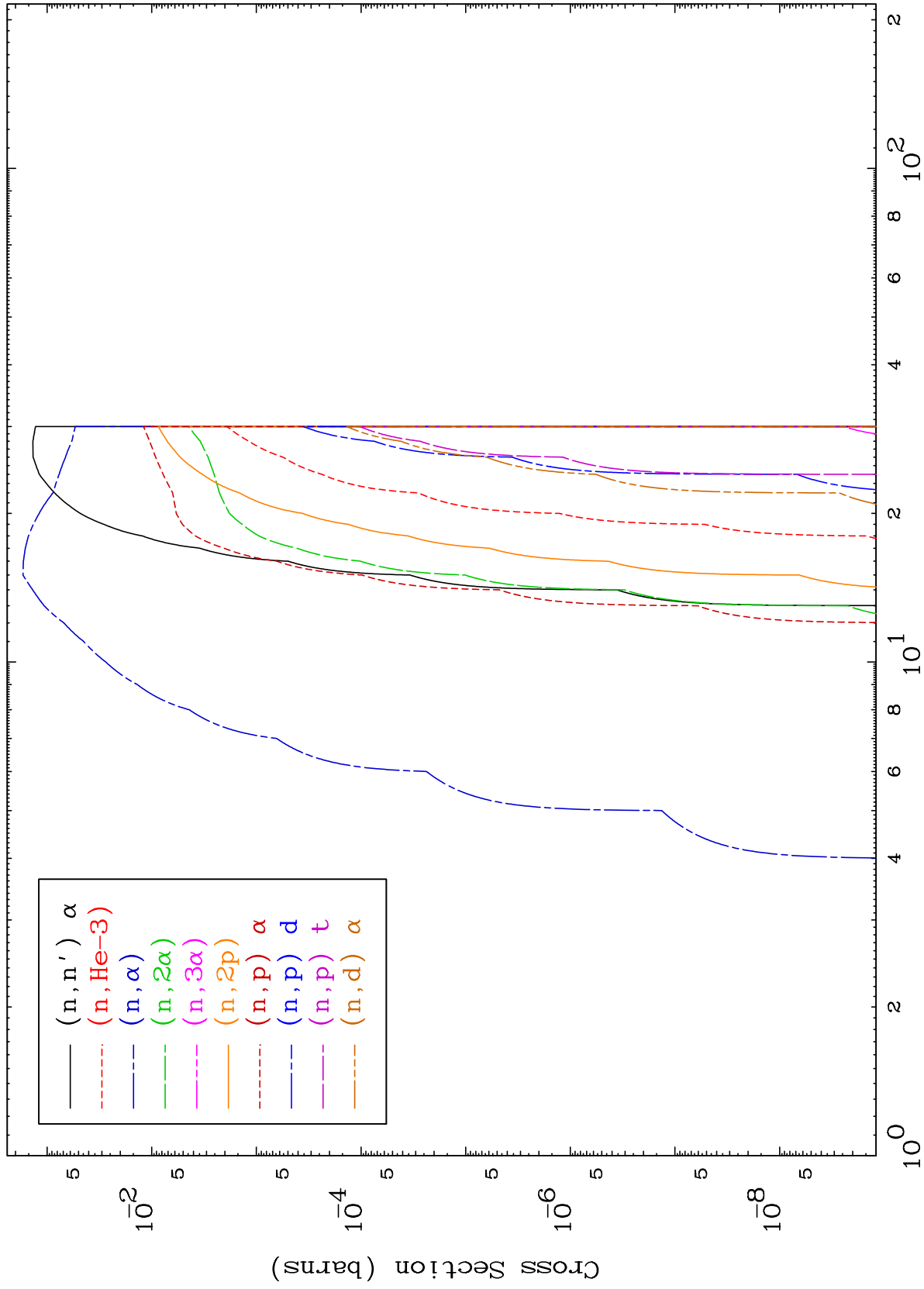
Incident Energy (MeV)

19-K -41





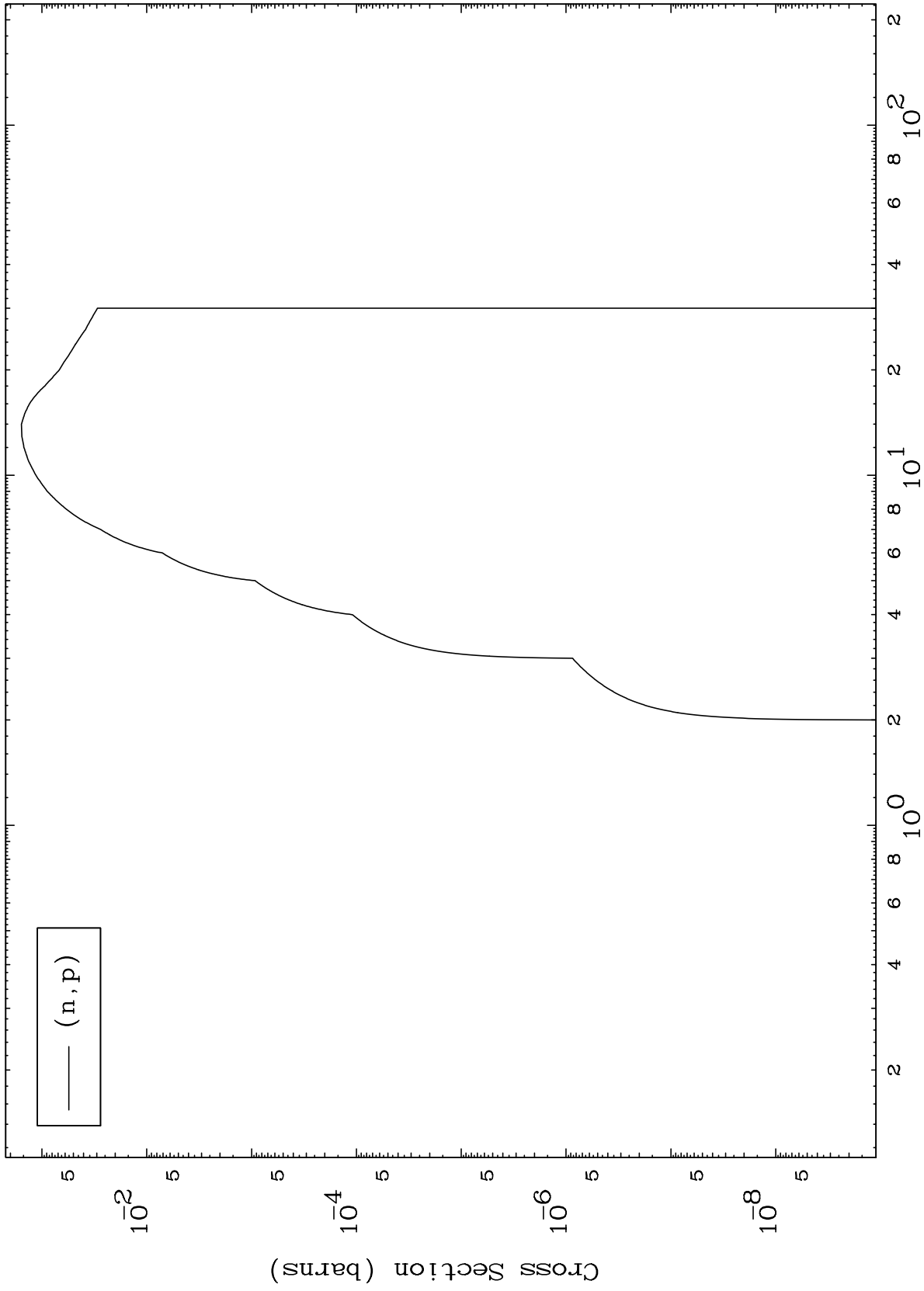




MAT 1931

(α, p) Levels
0 Kelvin Cross Sections

19-K -41



7

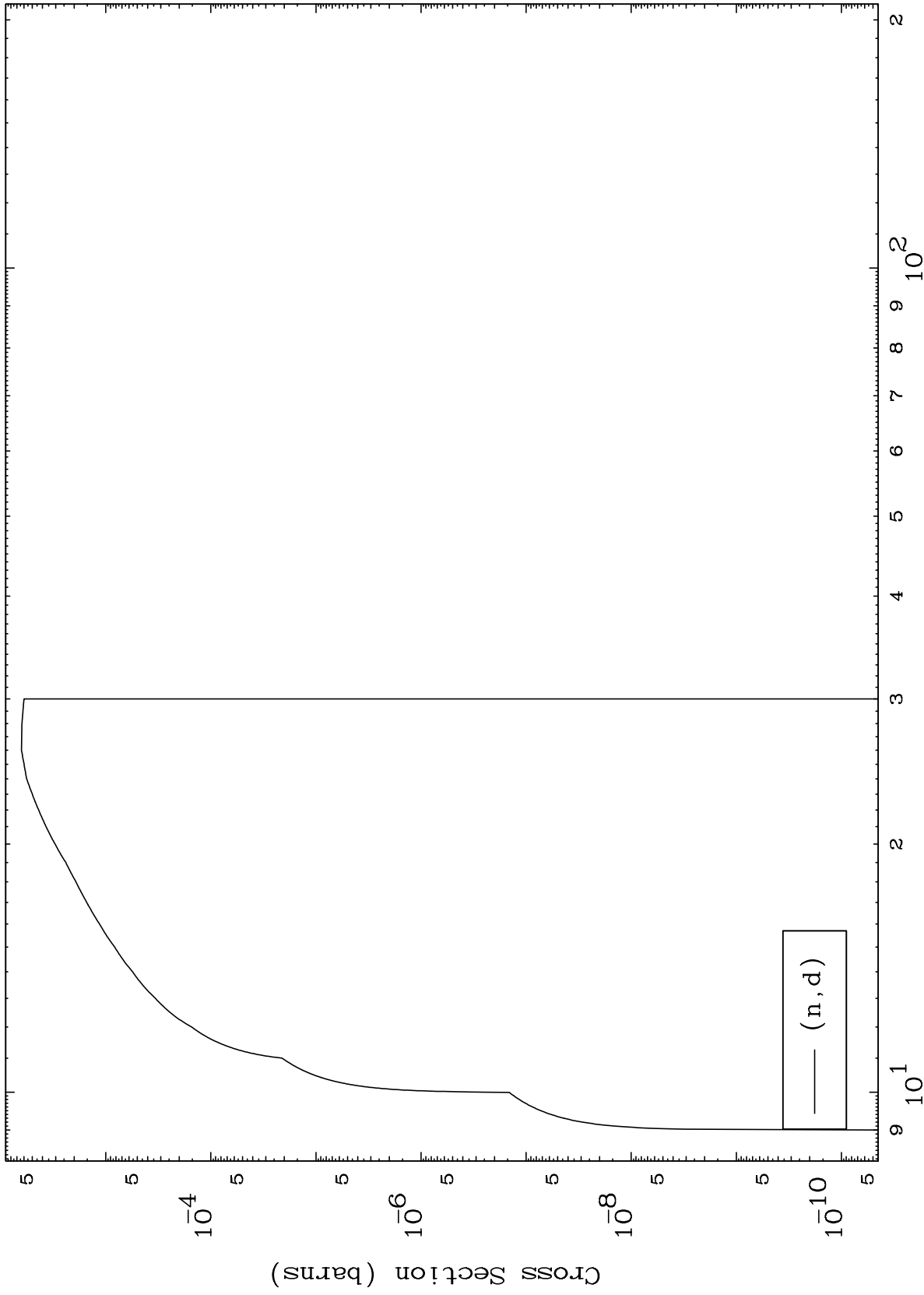
Incident Energy (MeV)

19-K -41

MAT 1931

(α, d) Levels
0 Kelvin Cross Sections

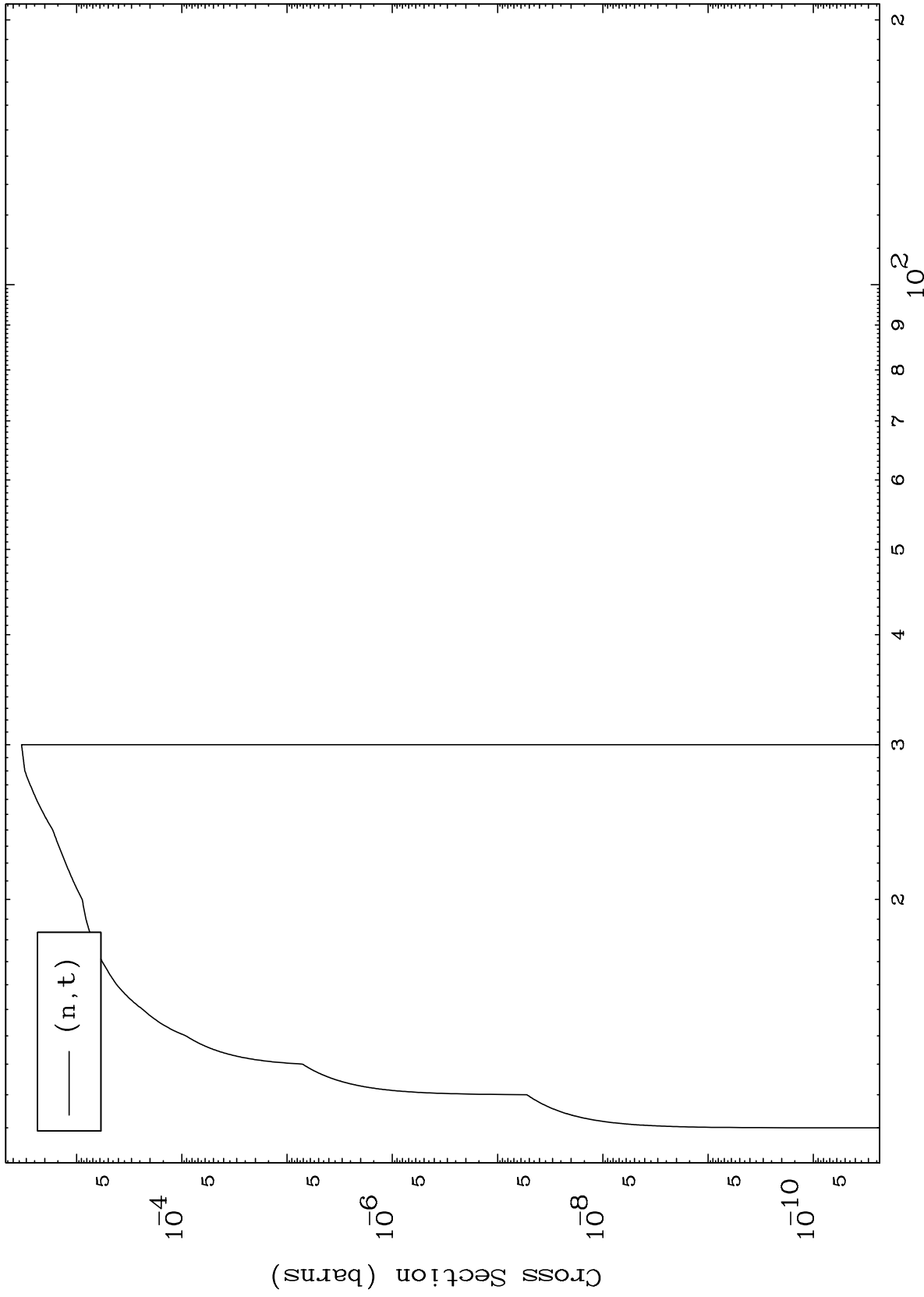
19-K -41



8

Incident Energy (MeV)

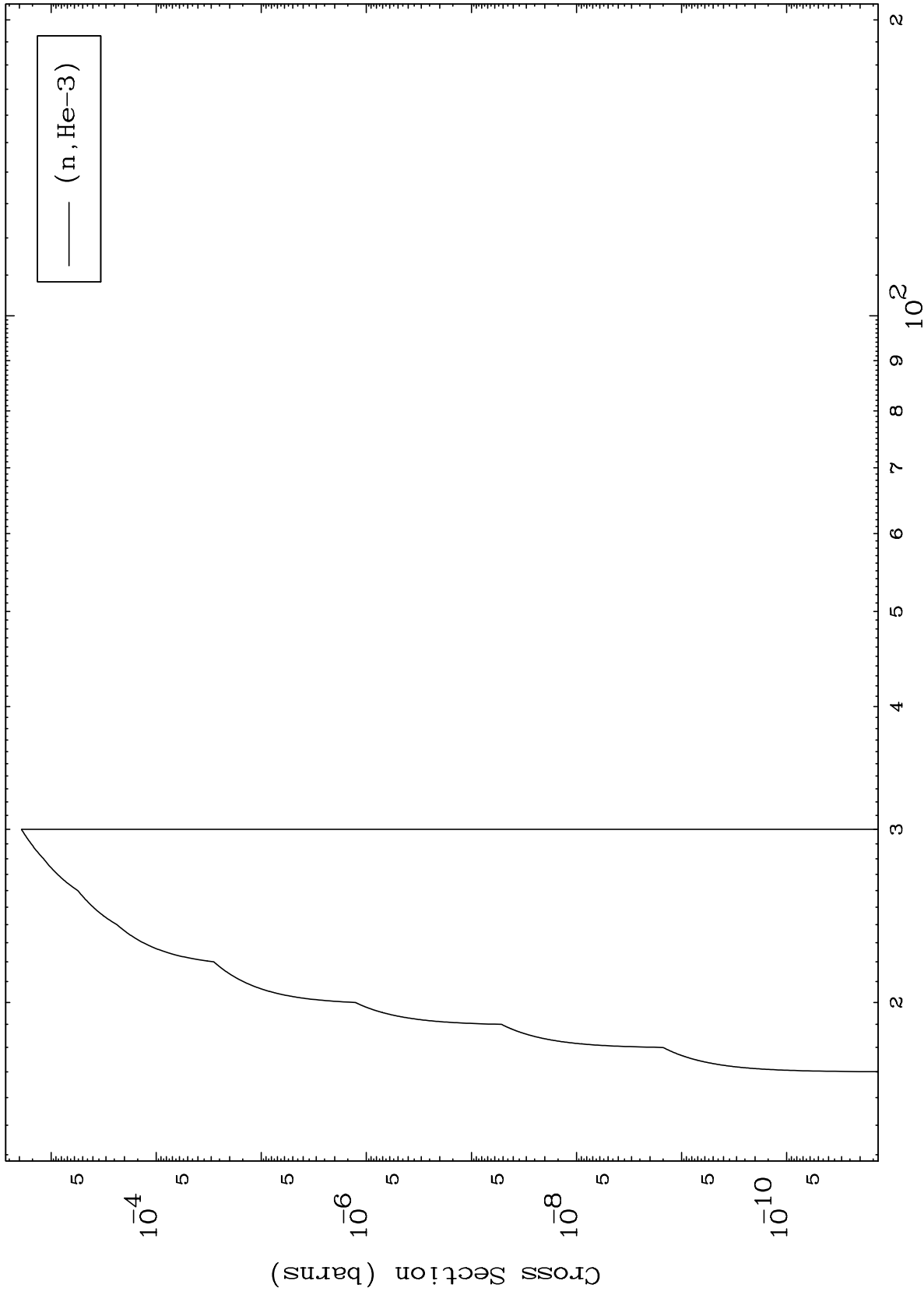
19-K -41



MAT 1931

(α ,He3) Levels
0 Kelvin Cross Sections

19-K -41



10

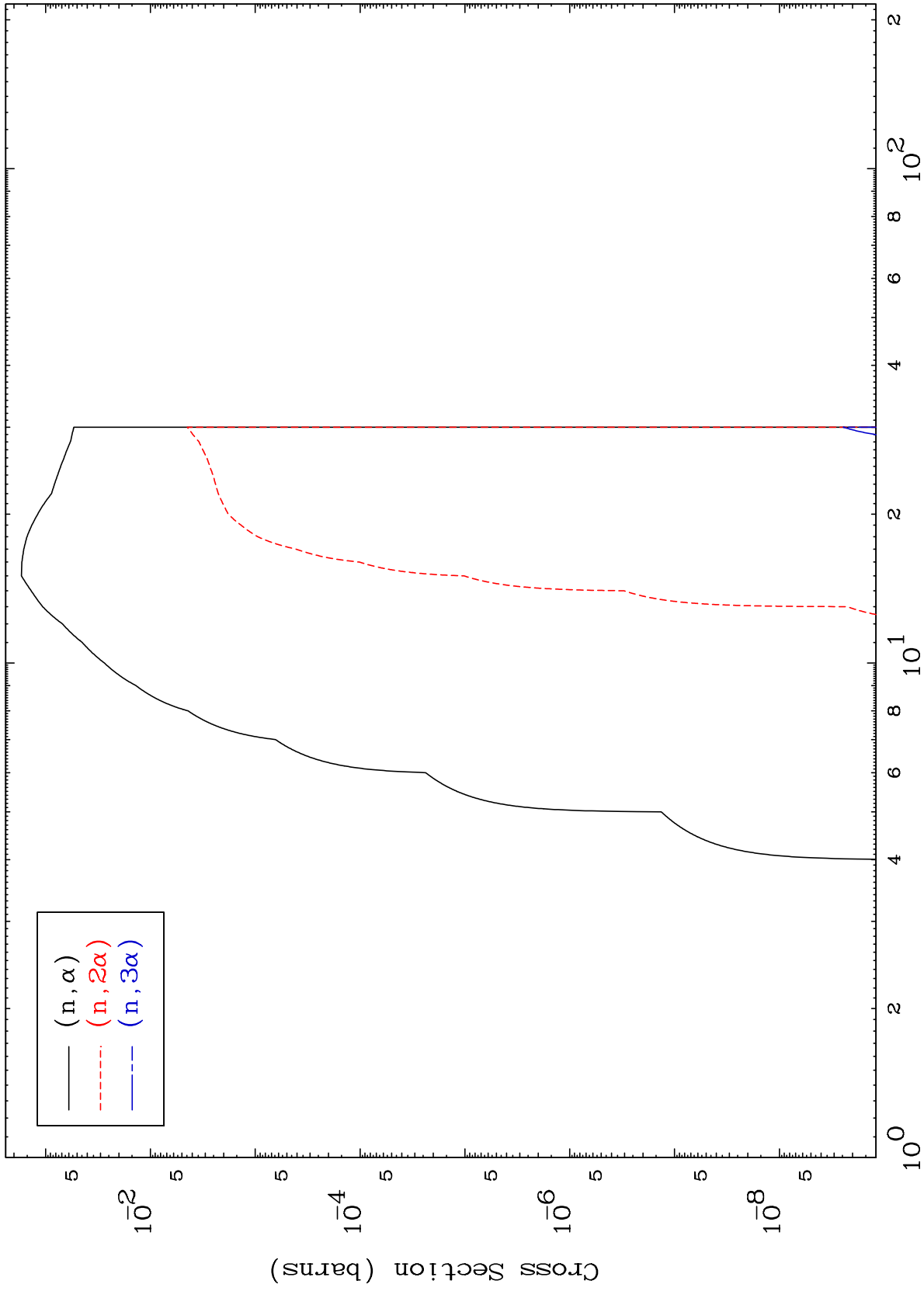
Incident Energy (MeV)

19-K -41

MAT 1931

(α, α) Levels
0 Kelvin Cross Sections

19-K -41



Legend:
— (n, α)
- - $(n, 2\alpha)$
- - $(n, 3\alpha)$

11

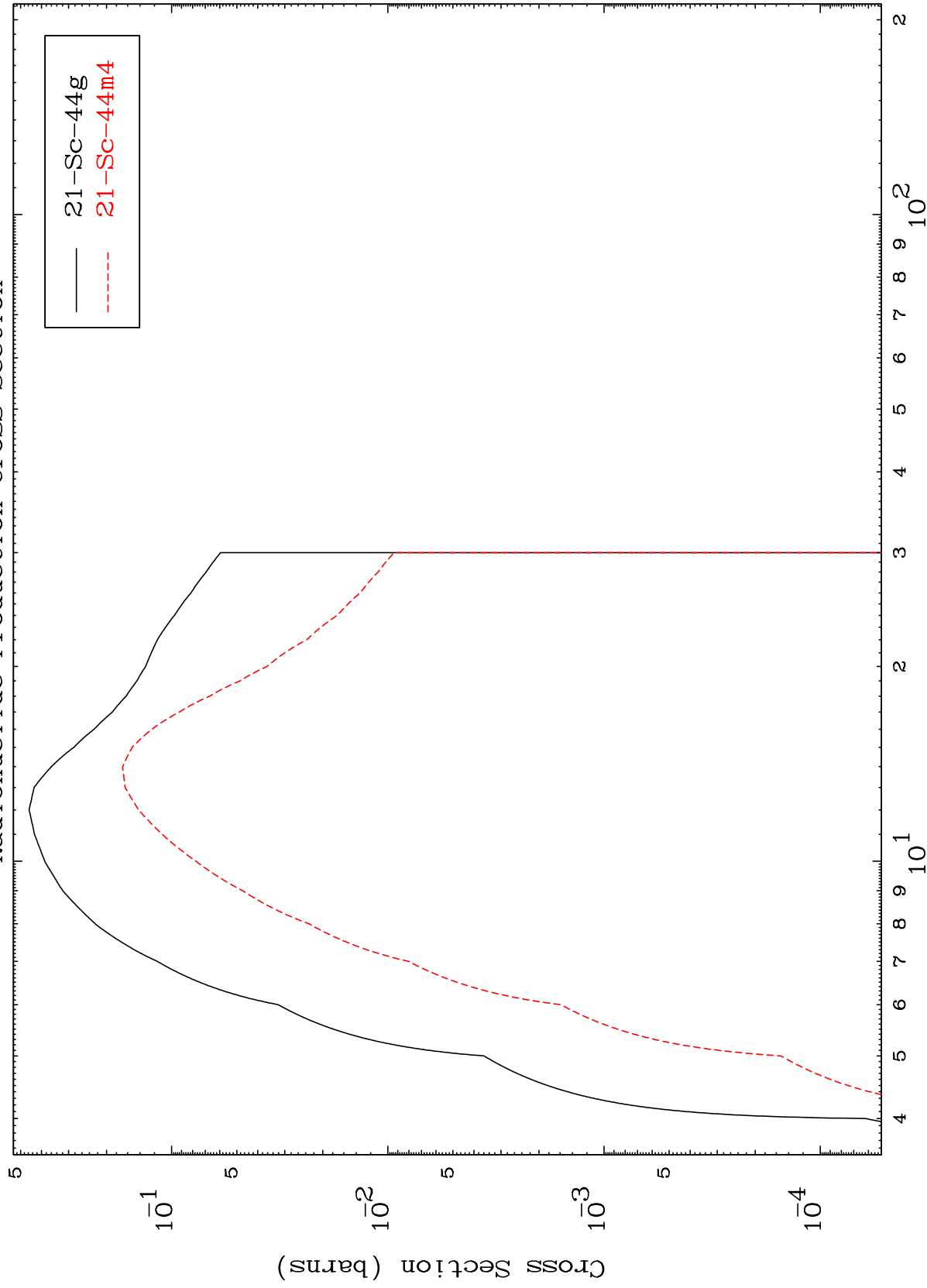
Incident Energy (MeV)

19-K -41

MAT 1931

Inelastic
Radionuclide Production Cross Section

19-K -41



12

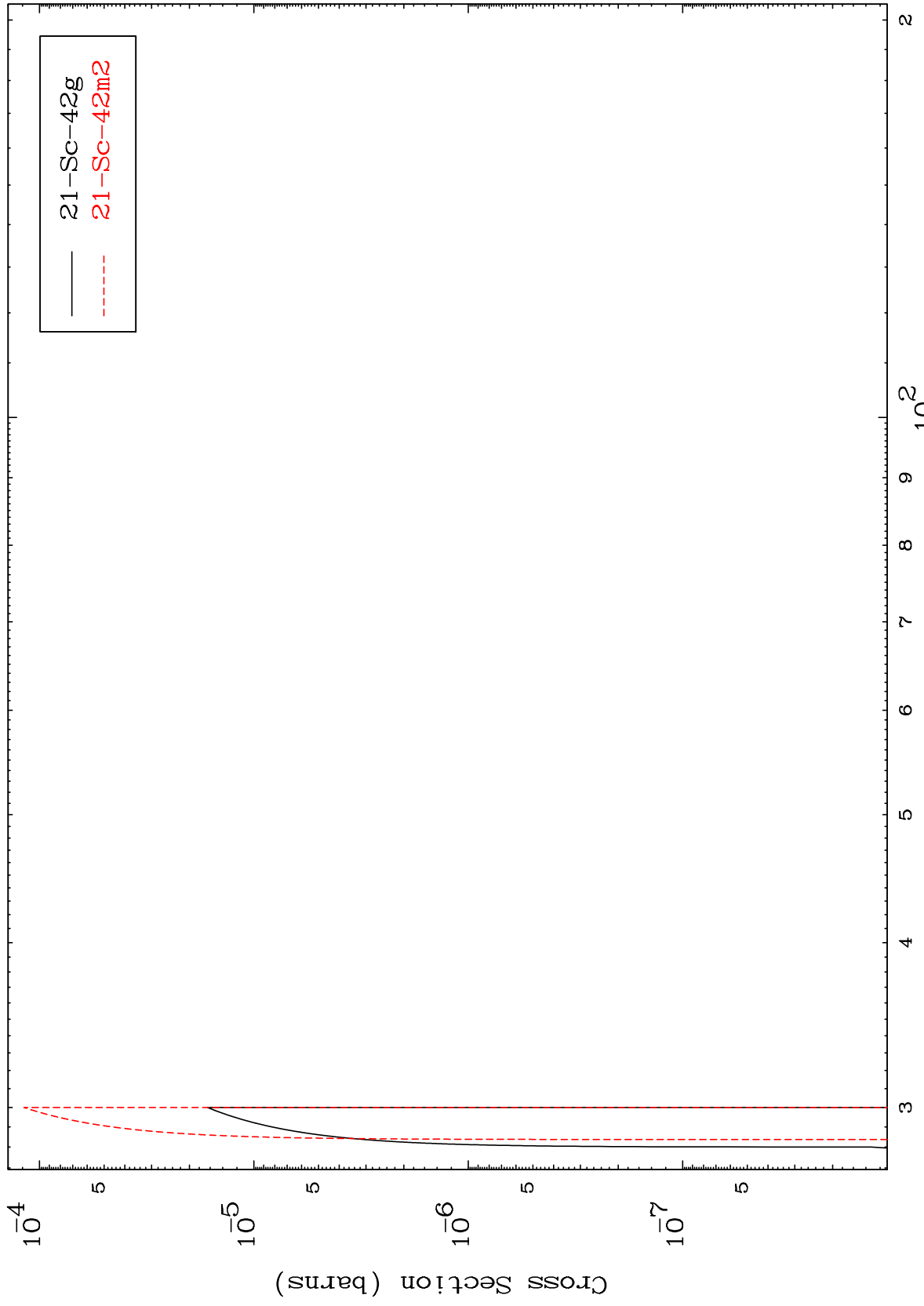
Incident Energy (MeV)

19-K -41

MAT 1931

19-K -41

(n,3n)
Radionuclide Production Cross Section



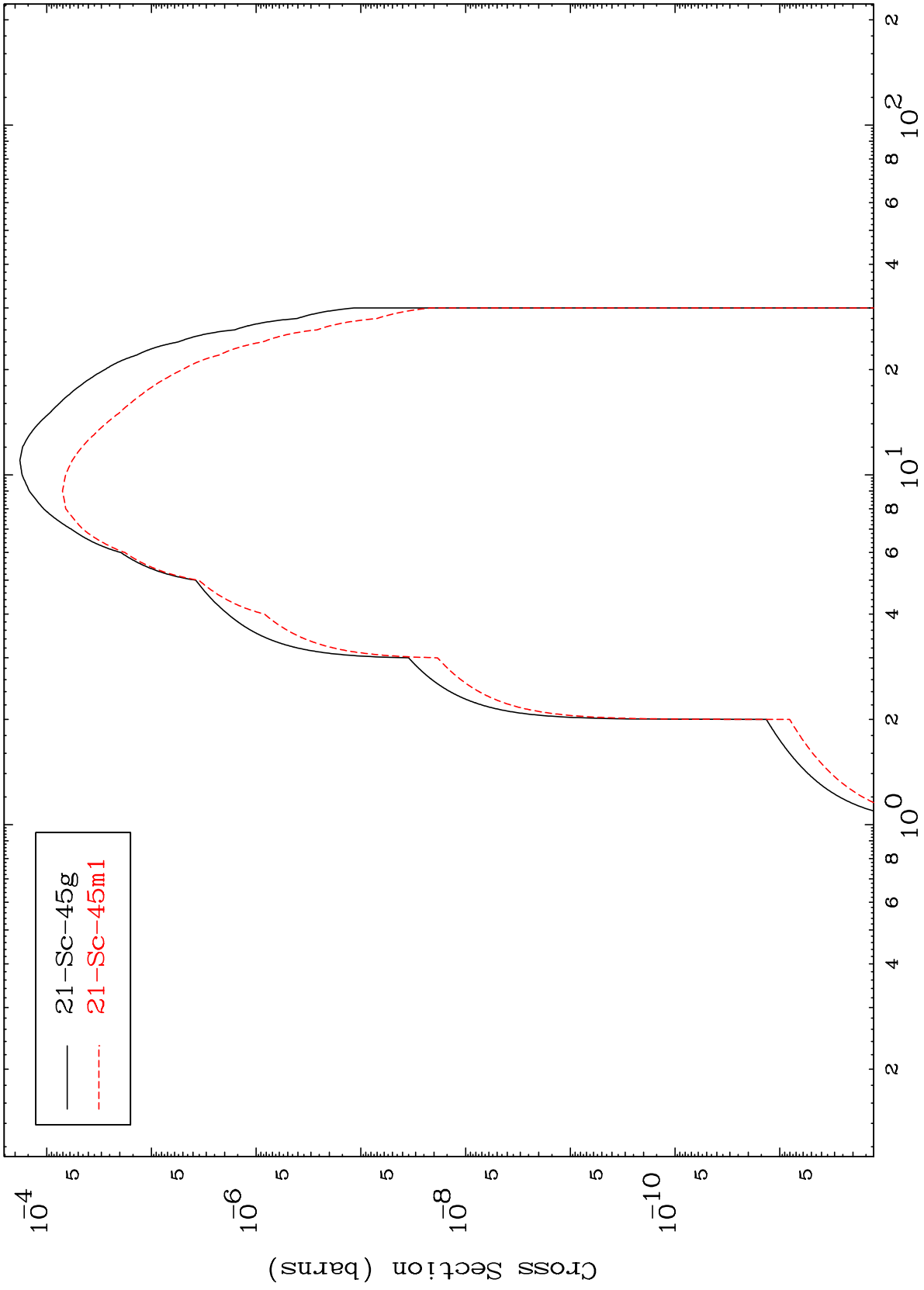
13

19-K -41

MAT 1931

19-K -41

(n,γ)
Radionuclide Production Cross Section



14

19-K -41