

Program EVALPLOT
(Version 2021-1)

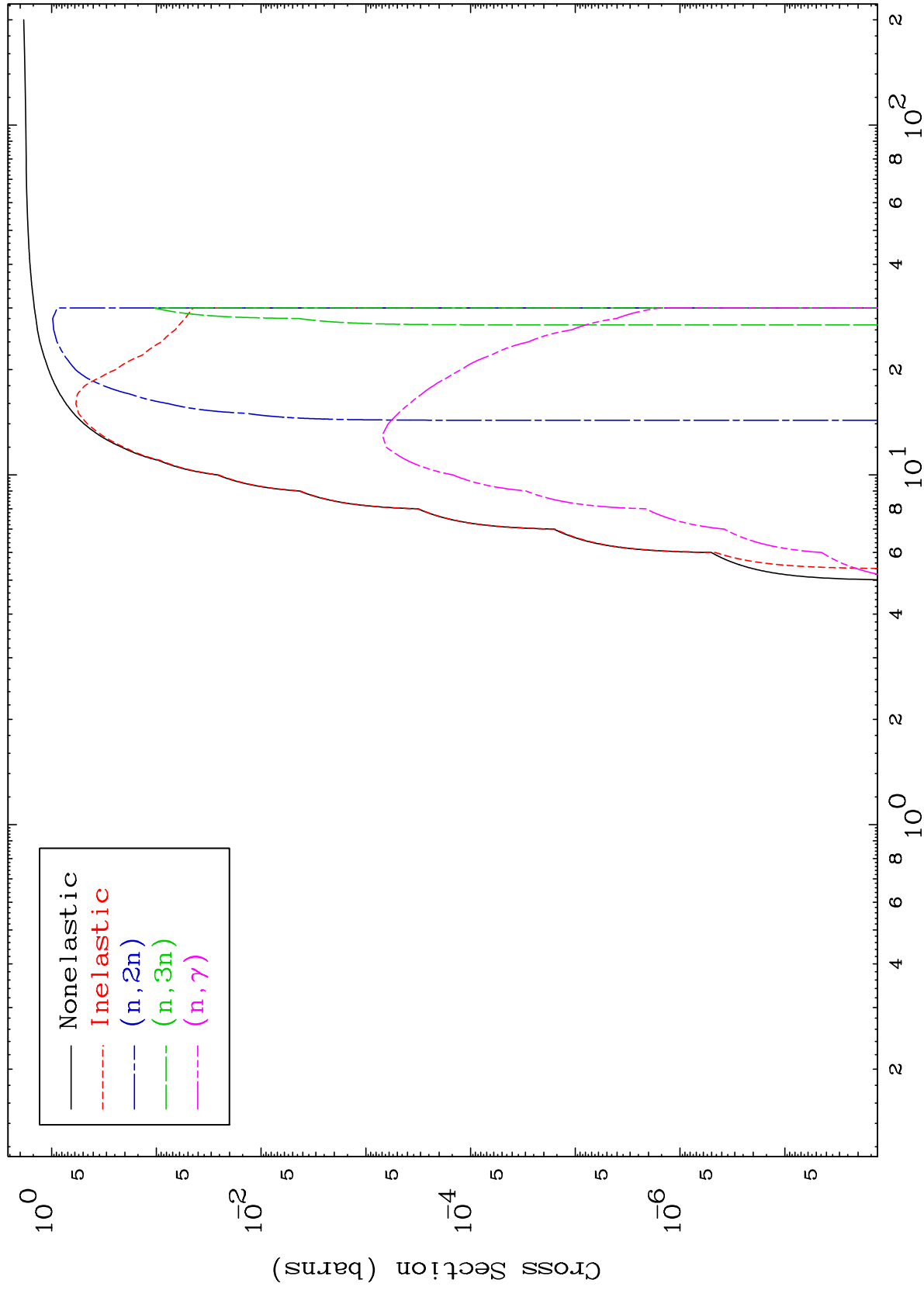
by

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

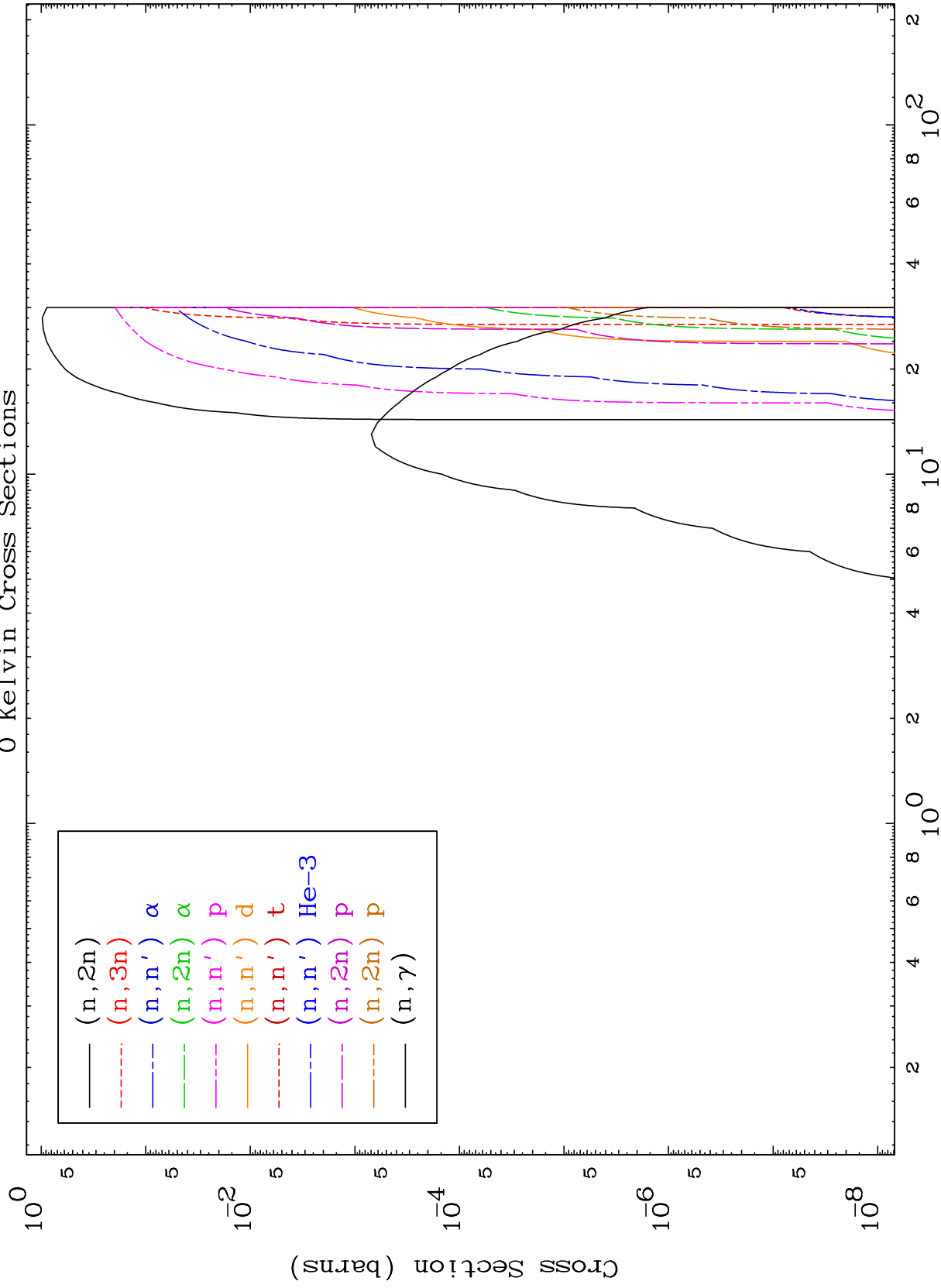
Press Mouse Button to Start



MAT 3637

α Neutron Absorption
0 Kelvin Cross Sections

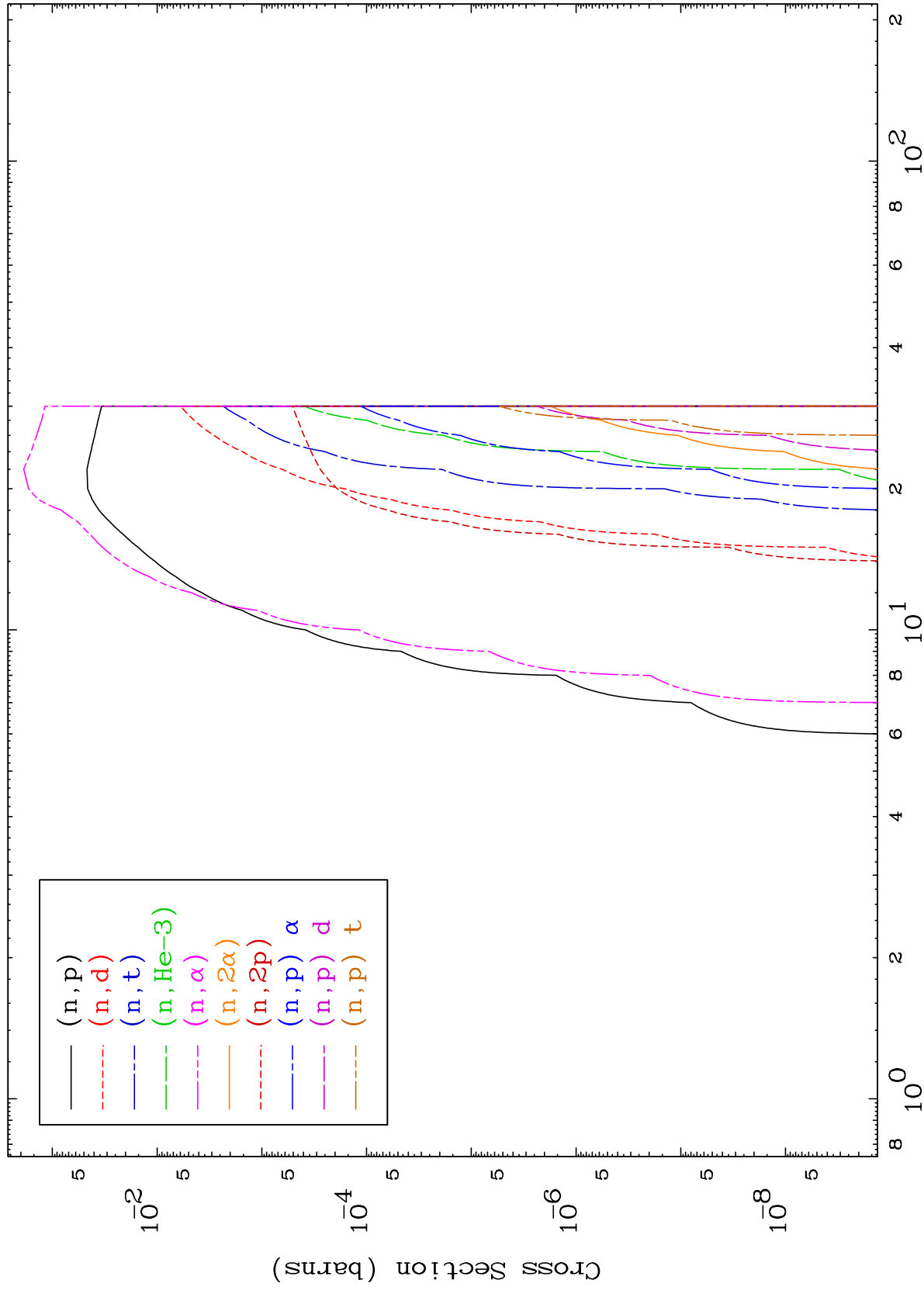
³⁶Kr-82

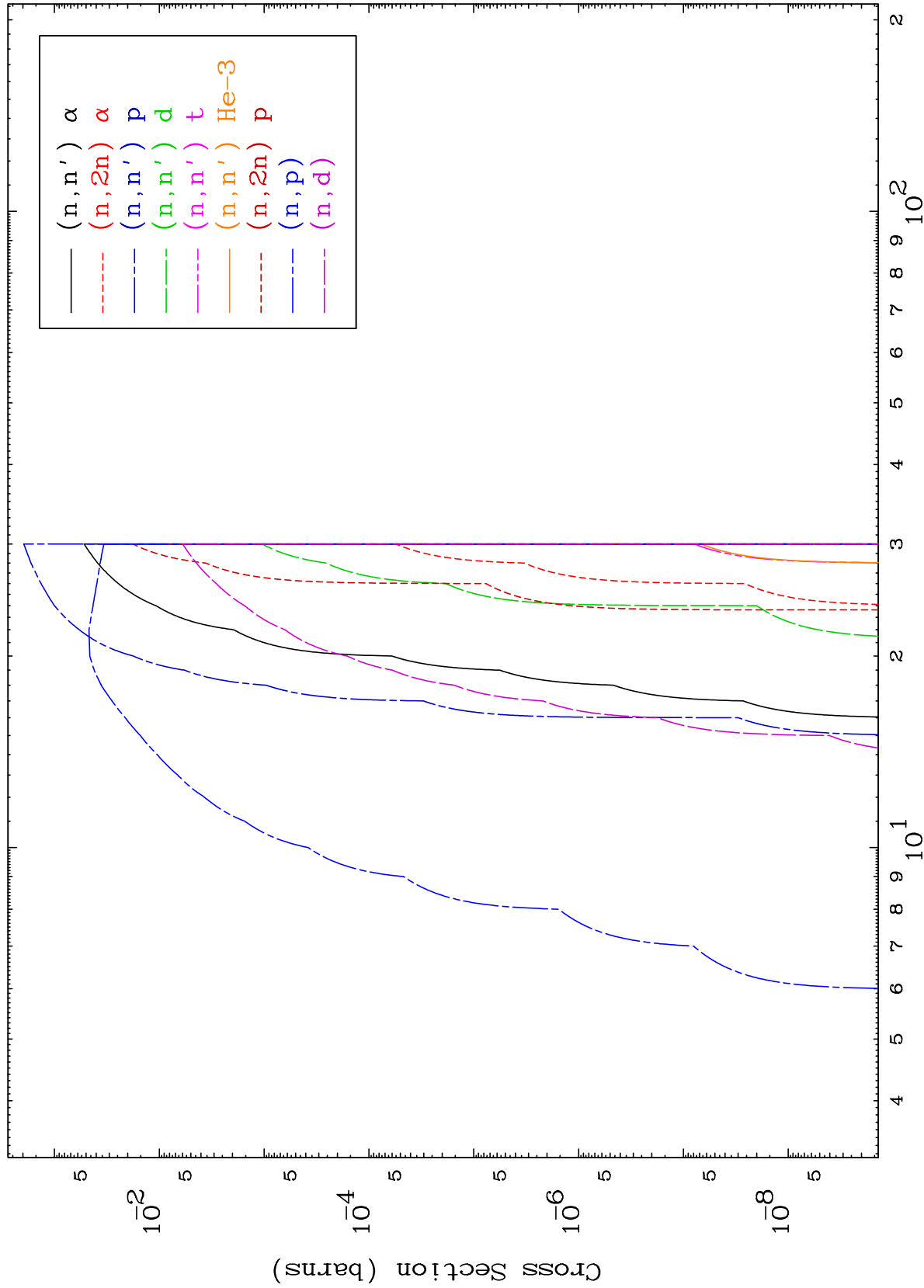


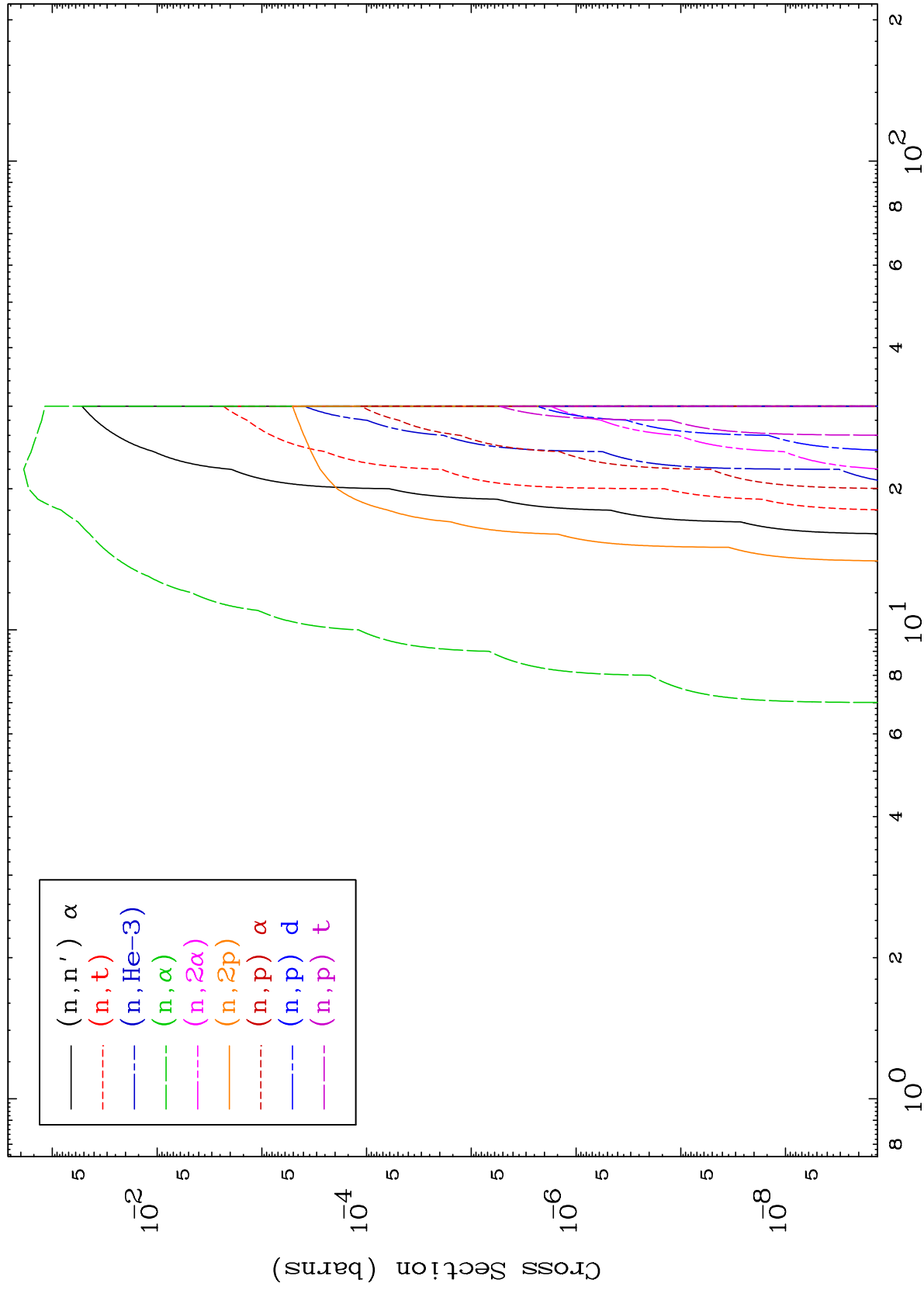
2

Incident Energy (MeV)

³⁶Kr-82



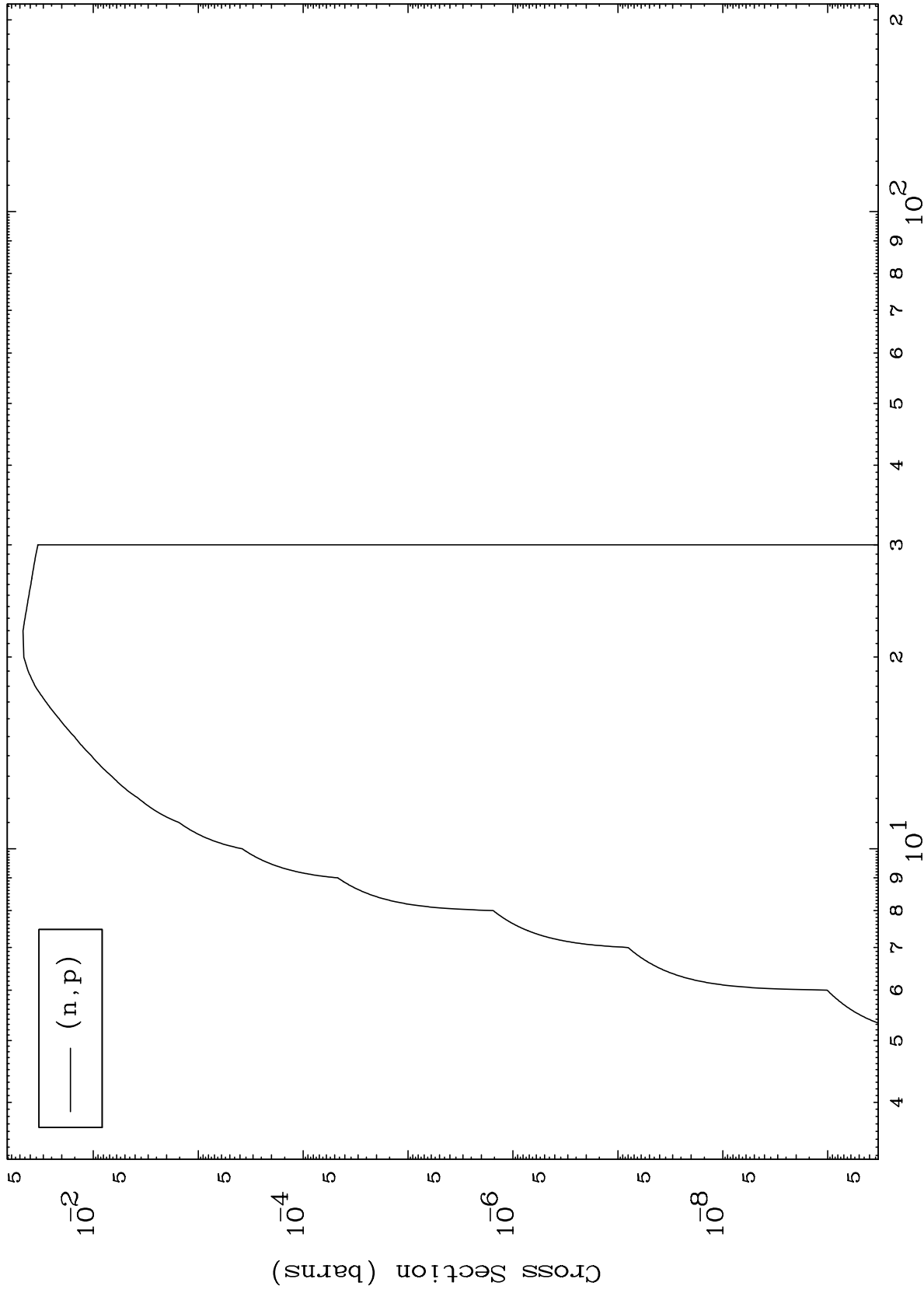




MAT 3637

36-Kr-82

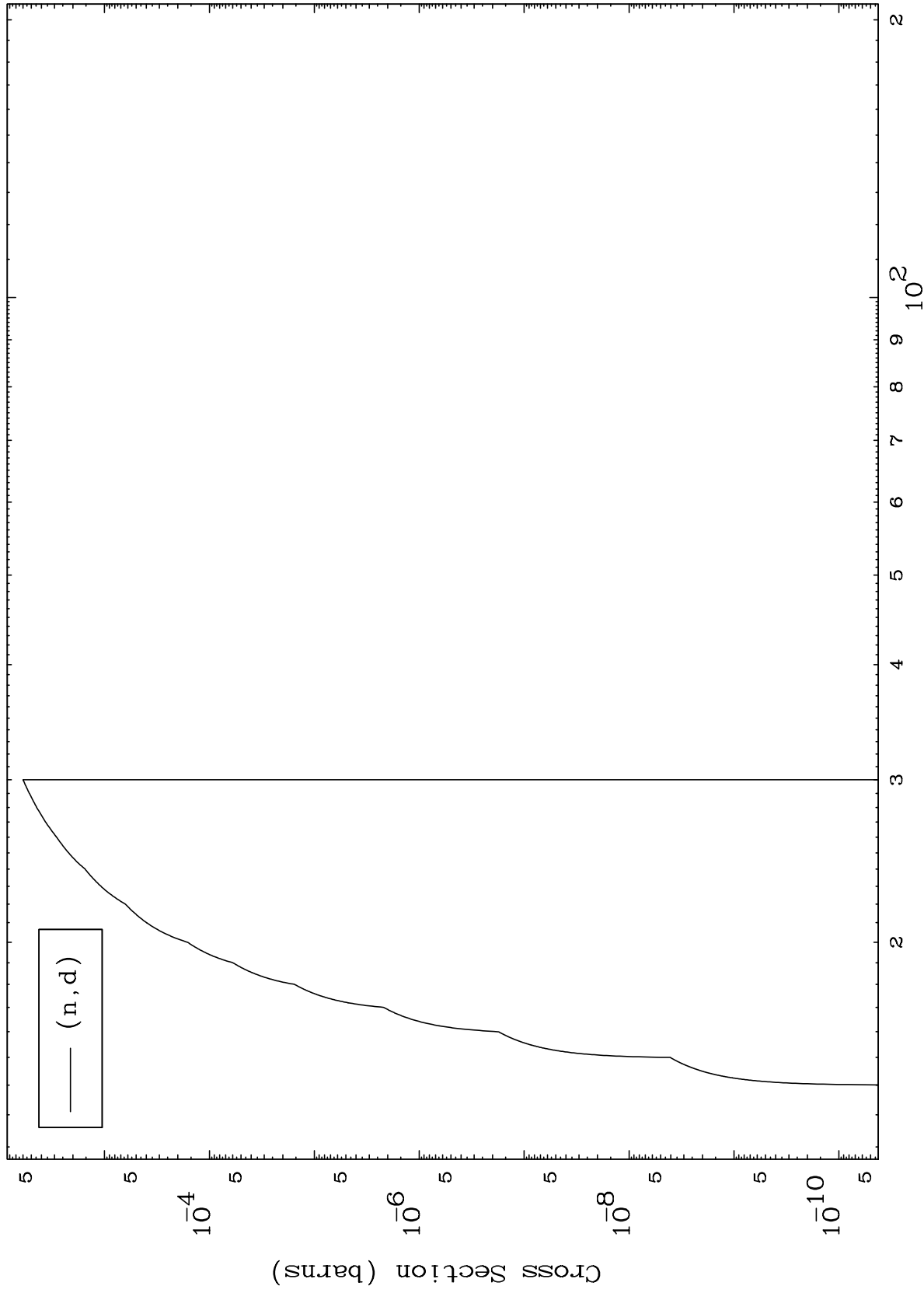
(α, p) Levels
0 Kelvin Cross Sections



MAT 3637

36-Kr-82

(α, d) Levels
0 Kelvin Cross Sections



7

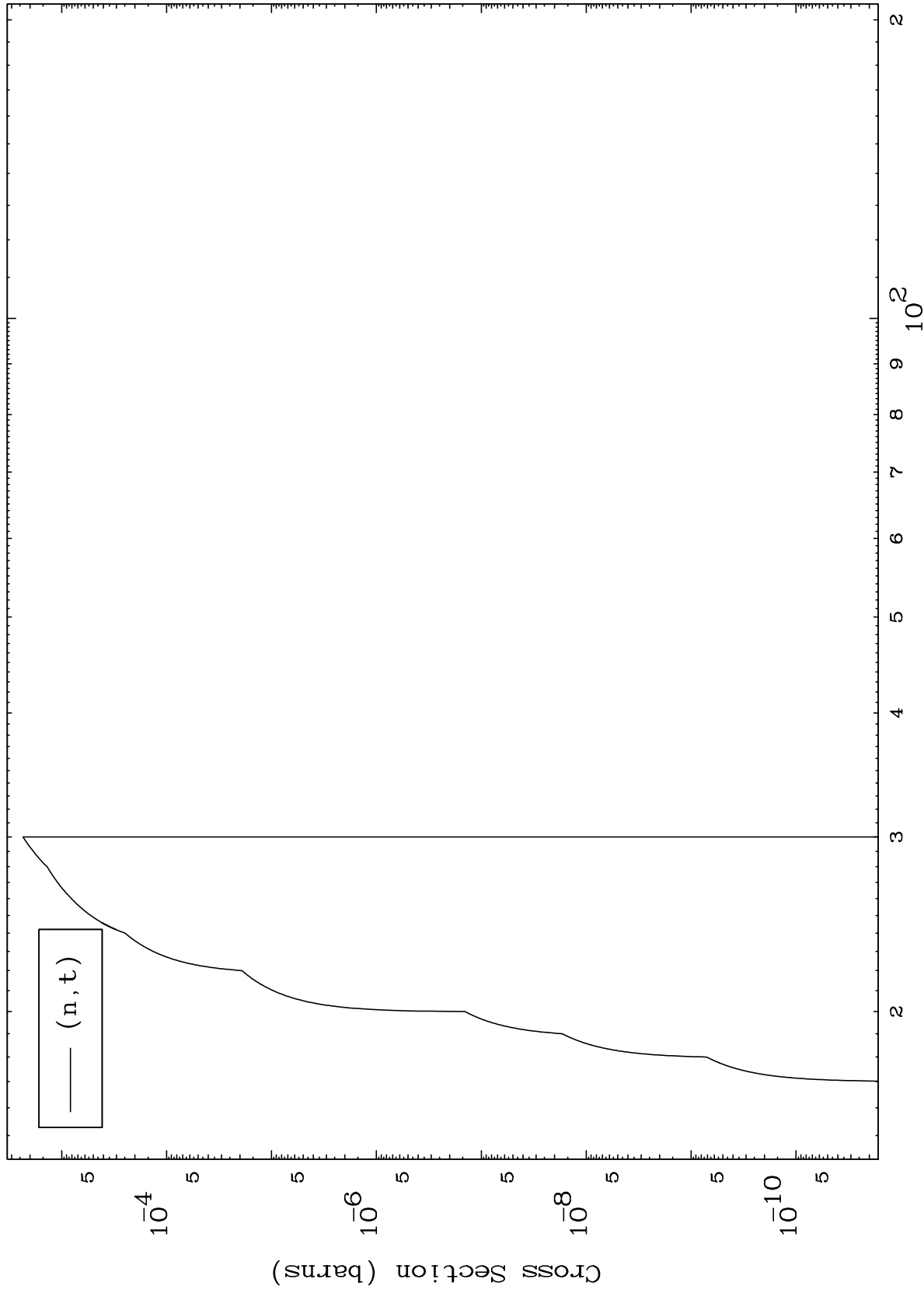
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

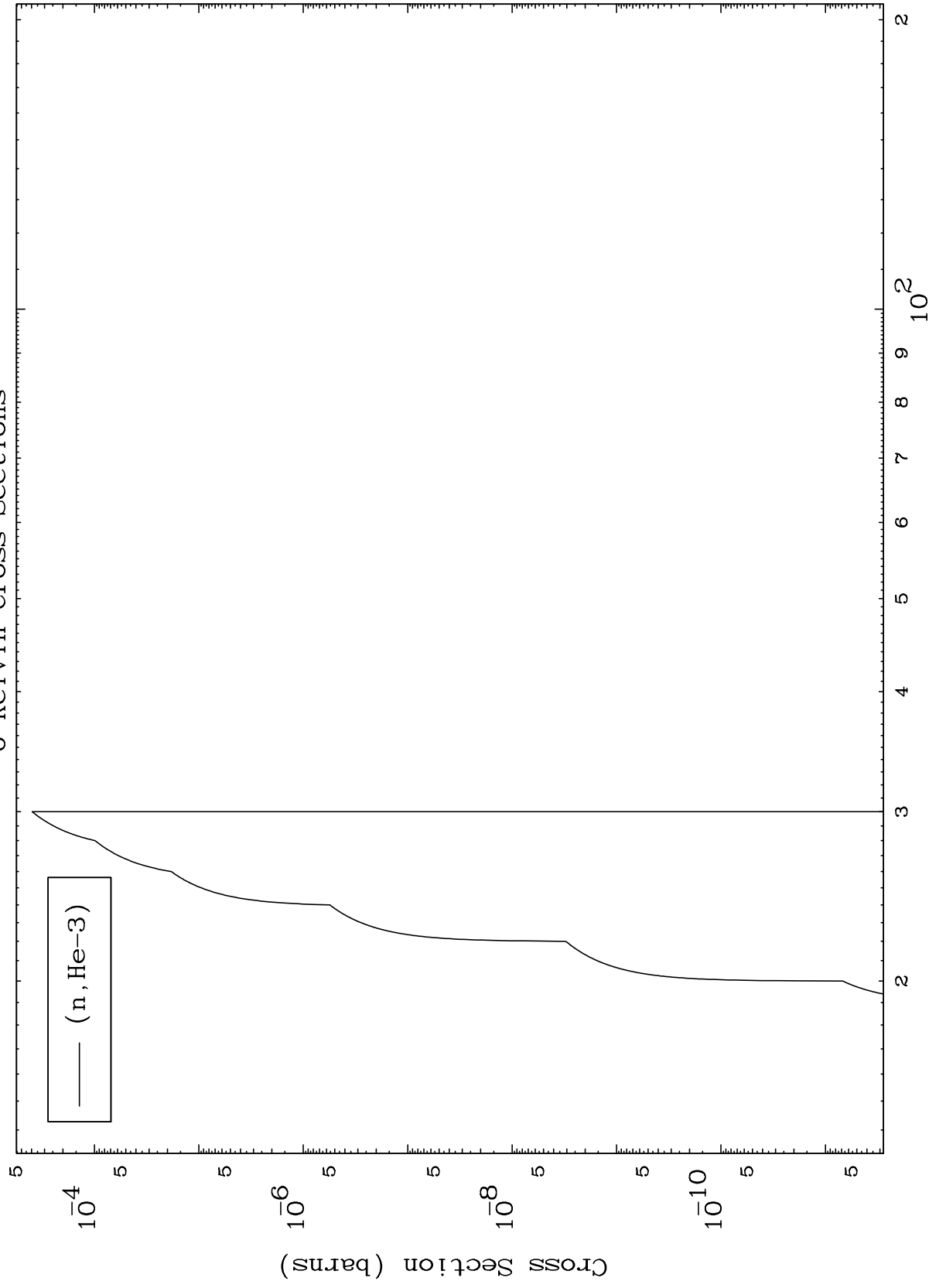
(α, t) Levels
0 Kelvin Cross Sections



8

36-Kr-82

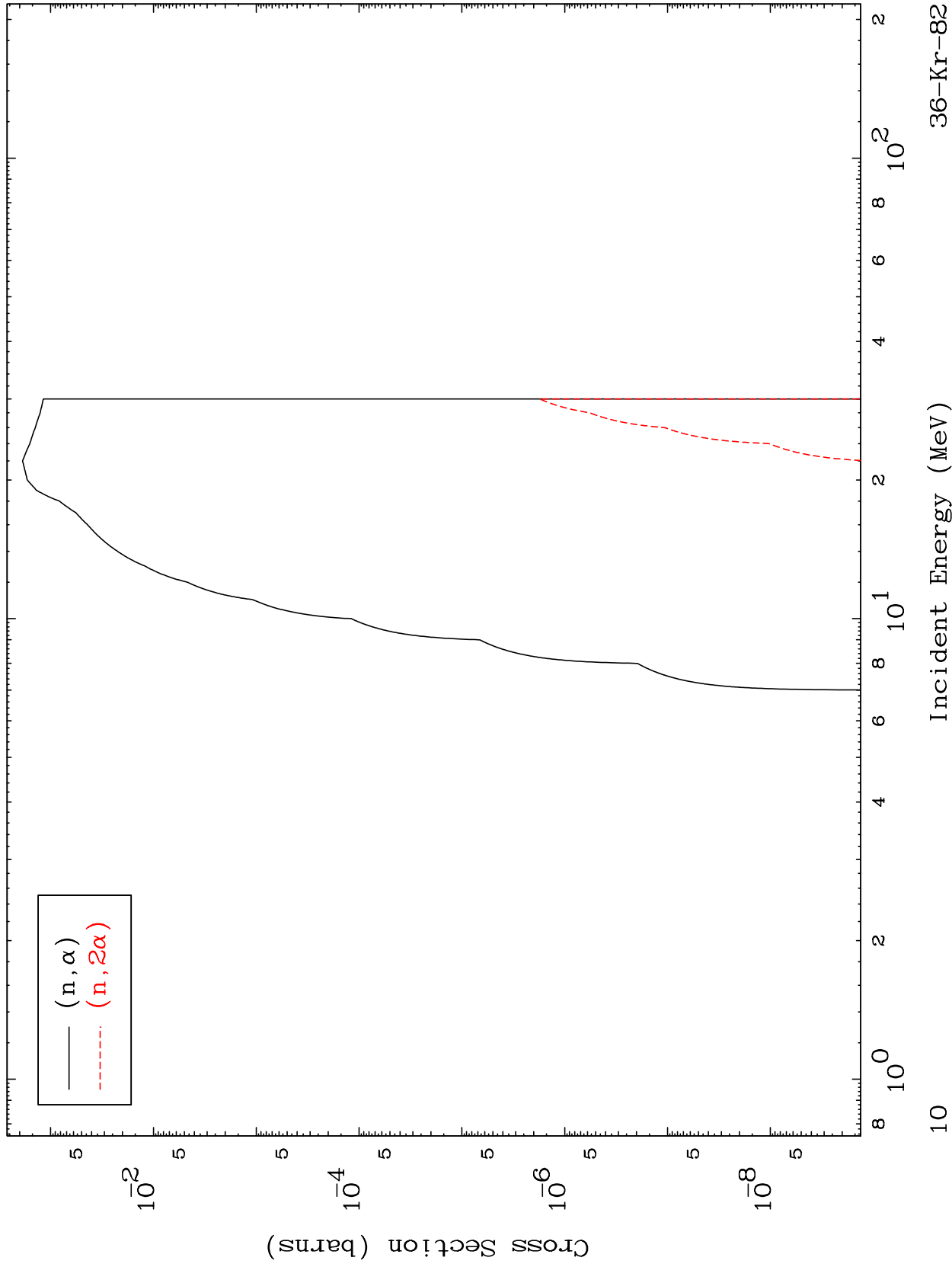
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 3637

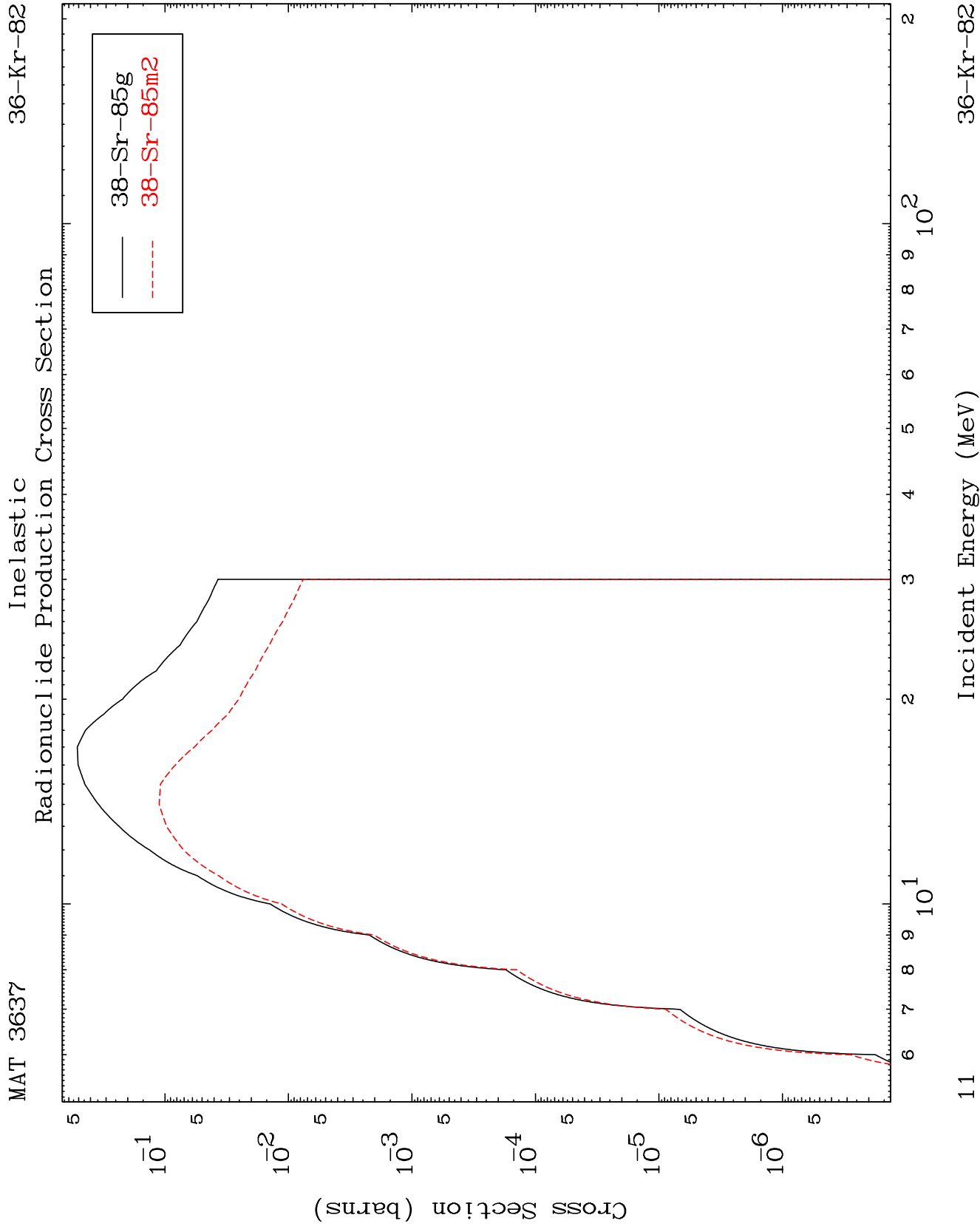
36-Kr-82

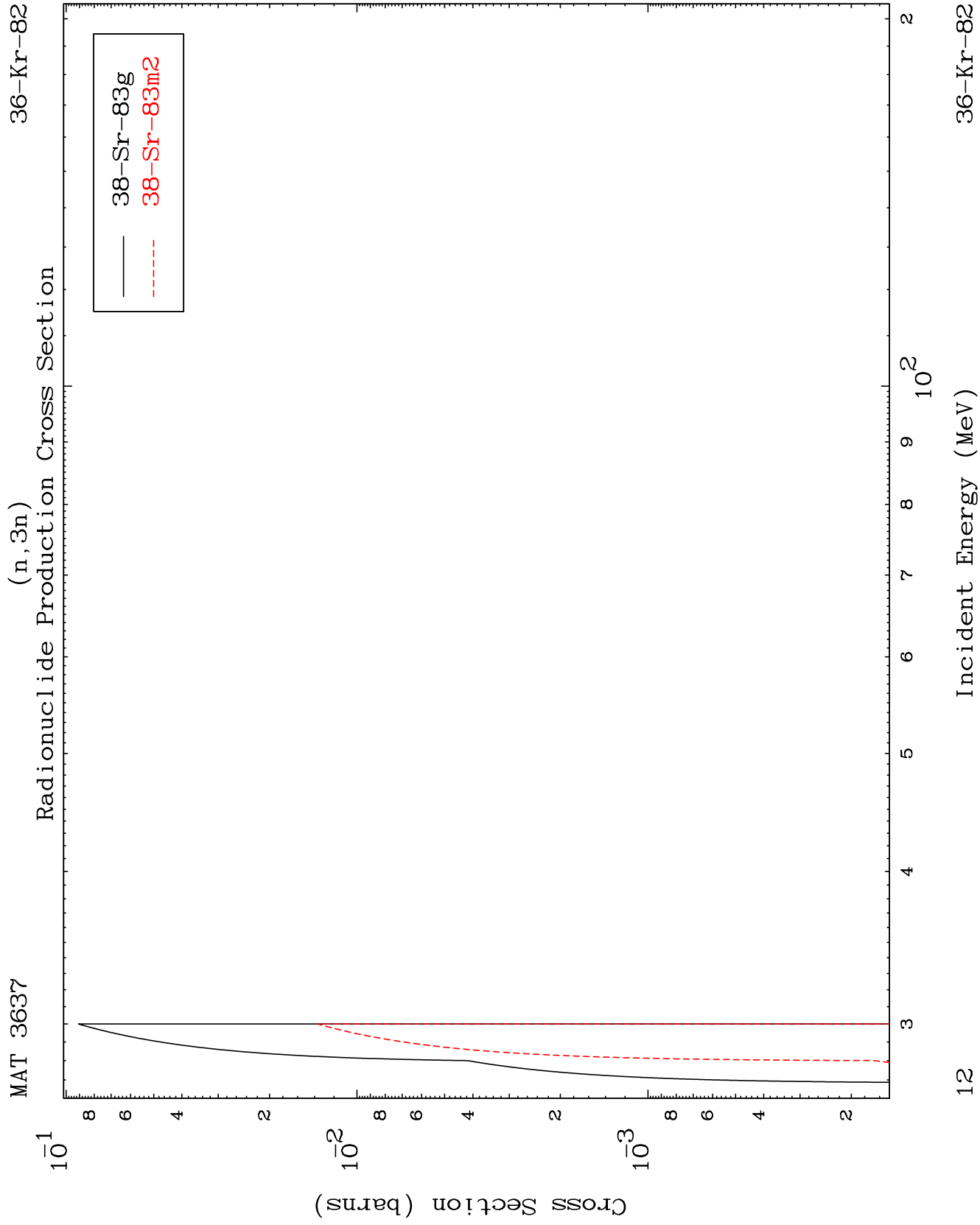
(α, α) Levels
0 Kelvin Cross Sections



MAT 3637

36-Kr-82



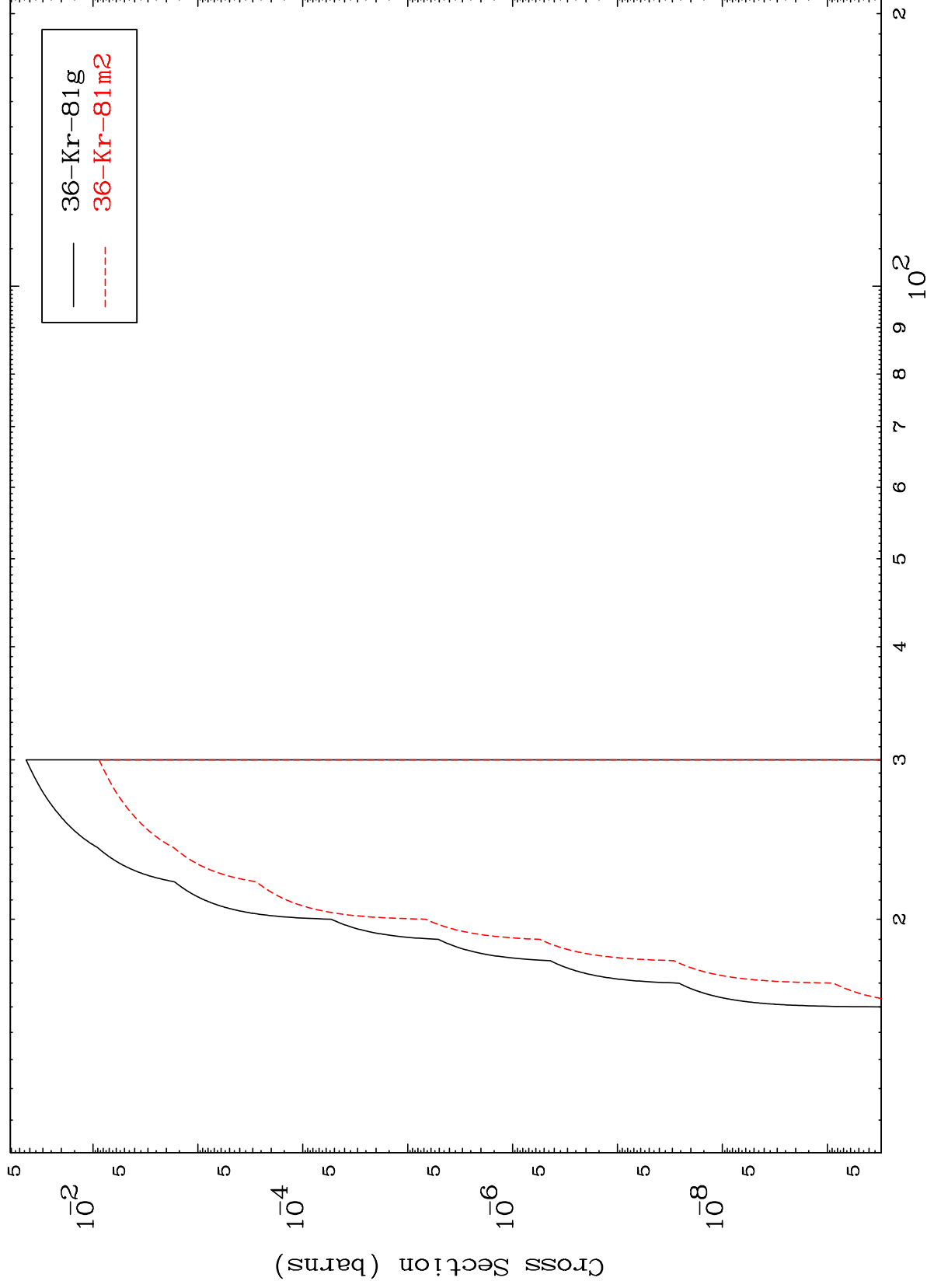


MAT 3637

$(n,n') \alpha$

36-Kr-82

Radionuclide Production Cross Section



13

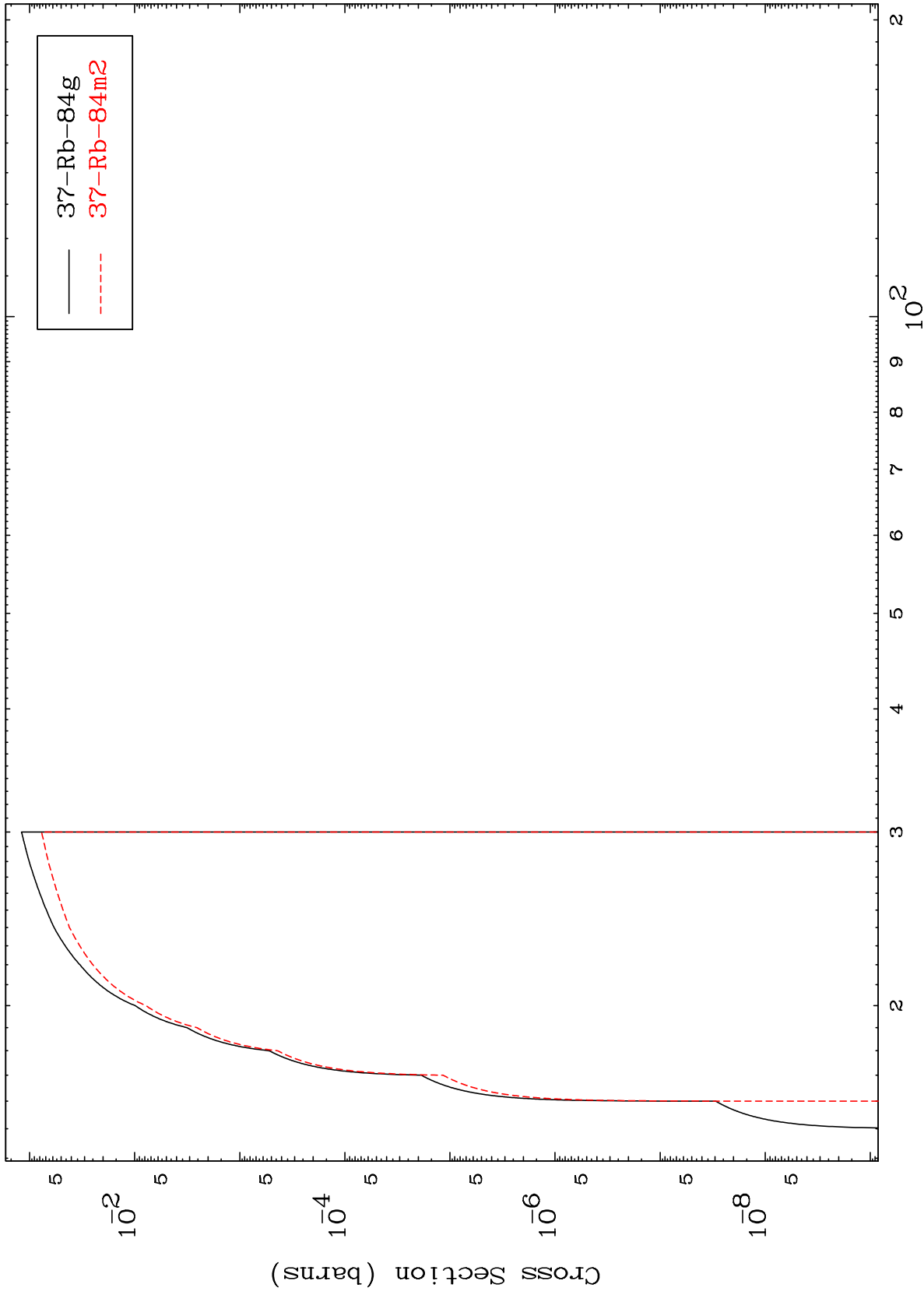
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

(n,n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

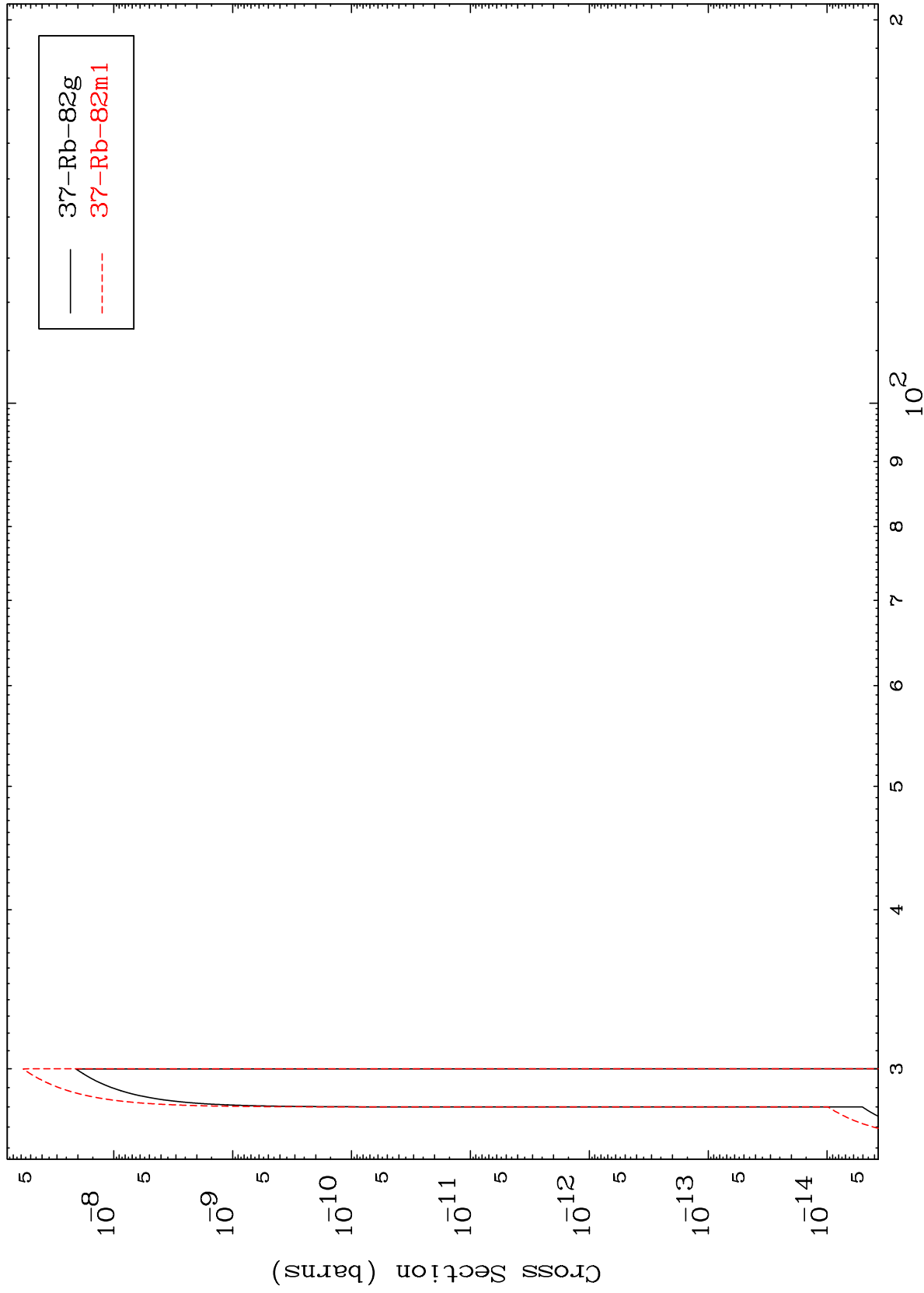
36-Kr-82

MAT 3637

(n,n') t

36-Kr-82

Radionuclide Production Cross Section



15

Incident Energy (MeV)

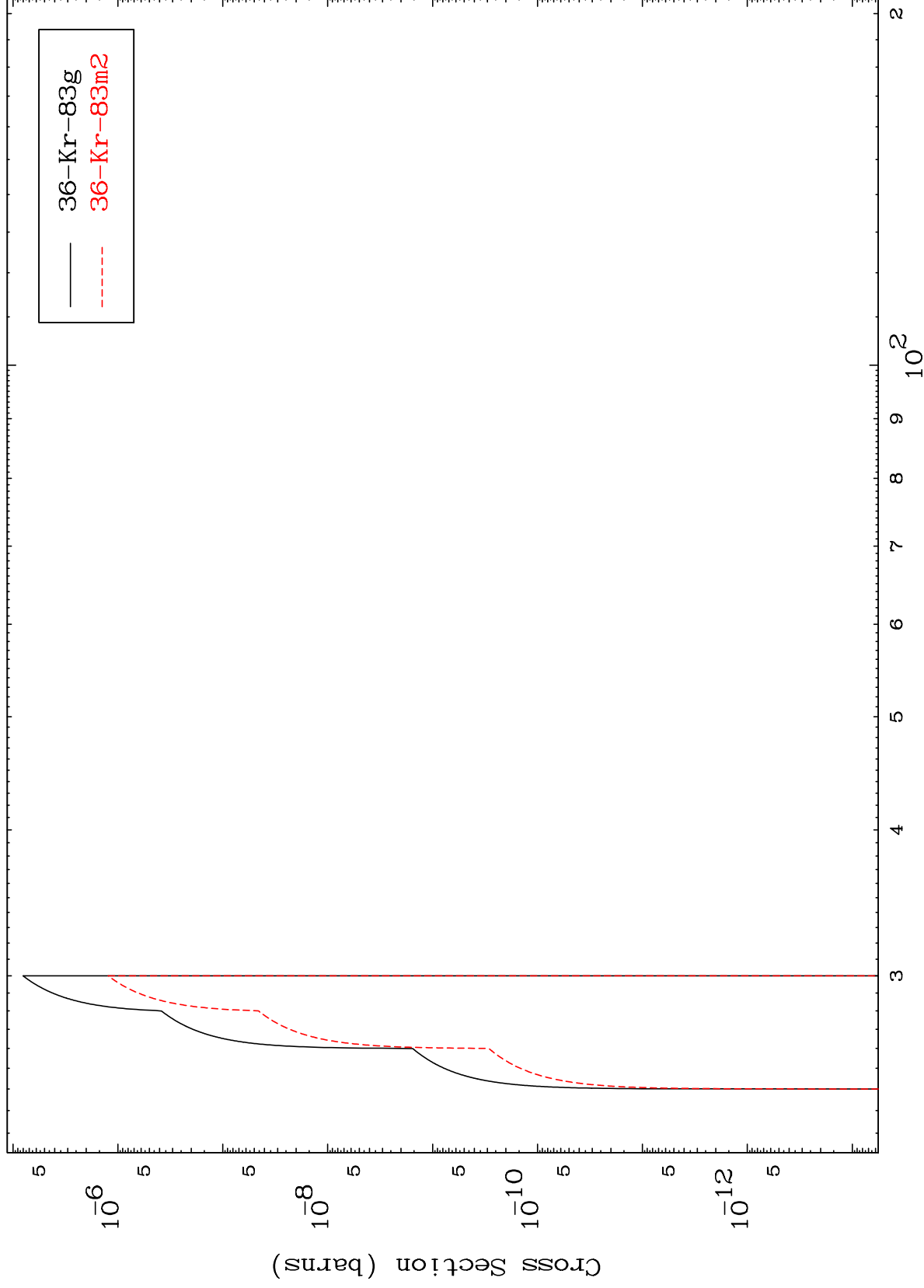
36-Kr-82

MAT 3637

(n,2n) p

36-Kr-82

Radionuclide Production Cross Section



16

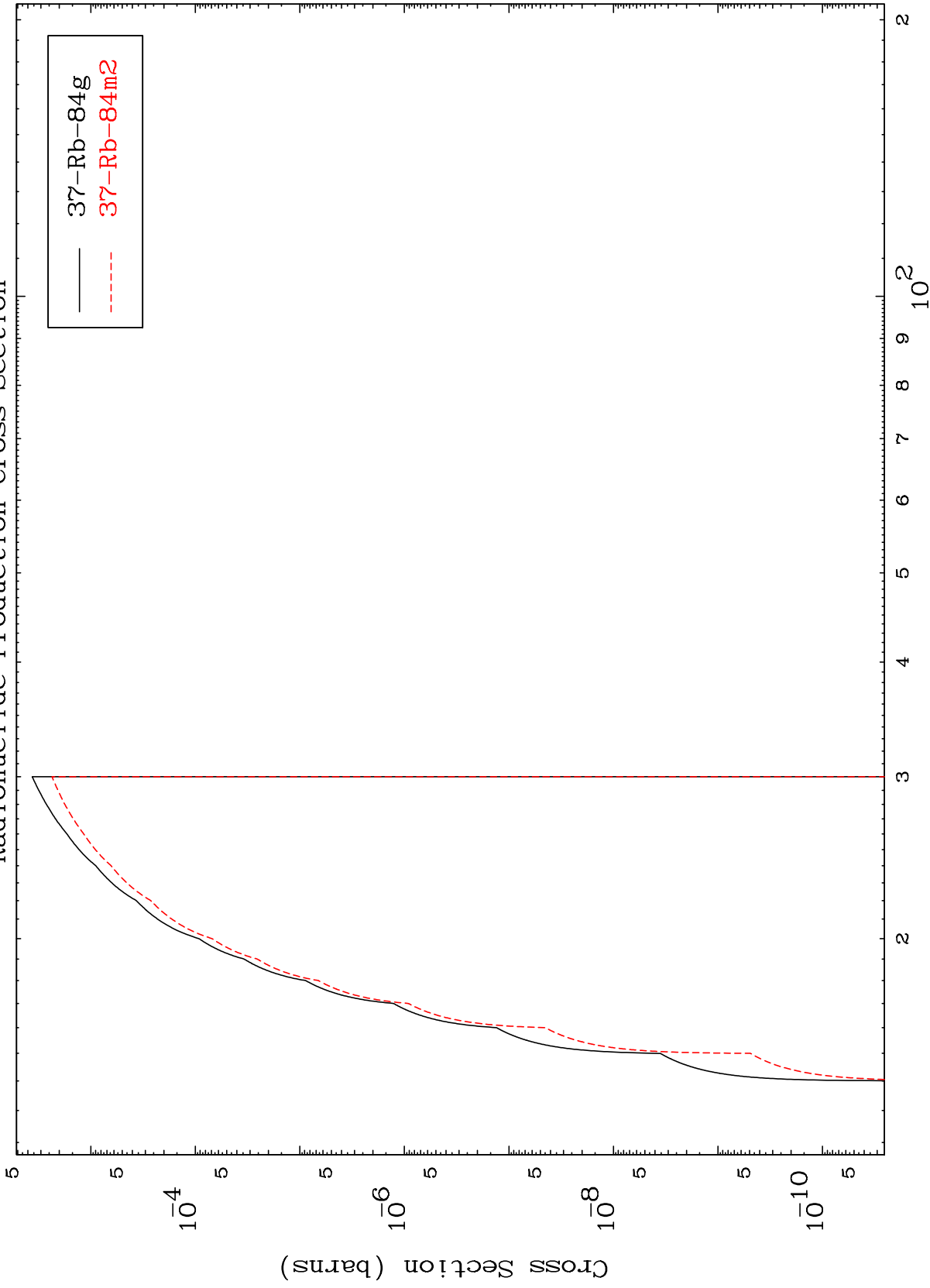
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

(n,d)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

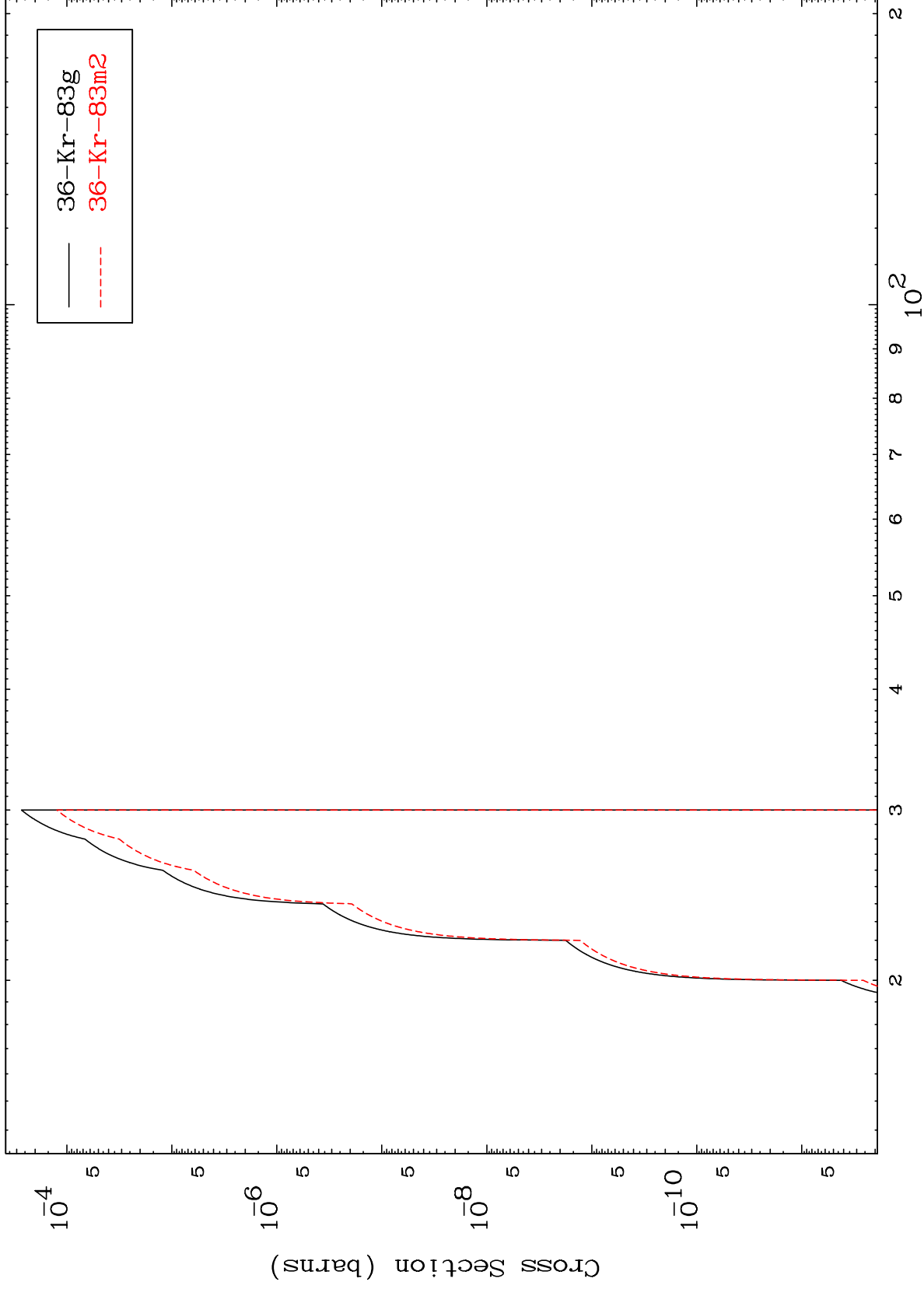
36-Kr-82

MAT 3637

(n,He-3)

36-Kr-82

Radionuclide Production Cross Section



18

Incident Energy (MeV)

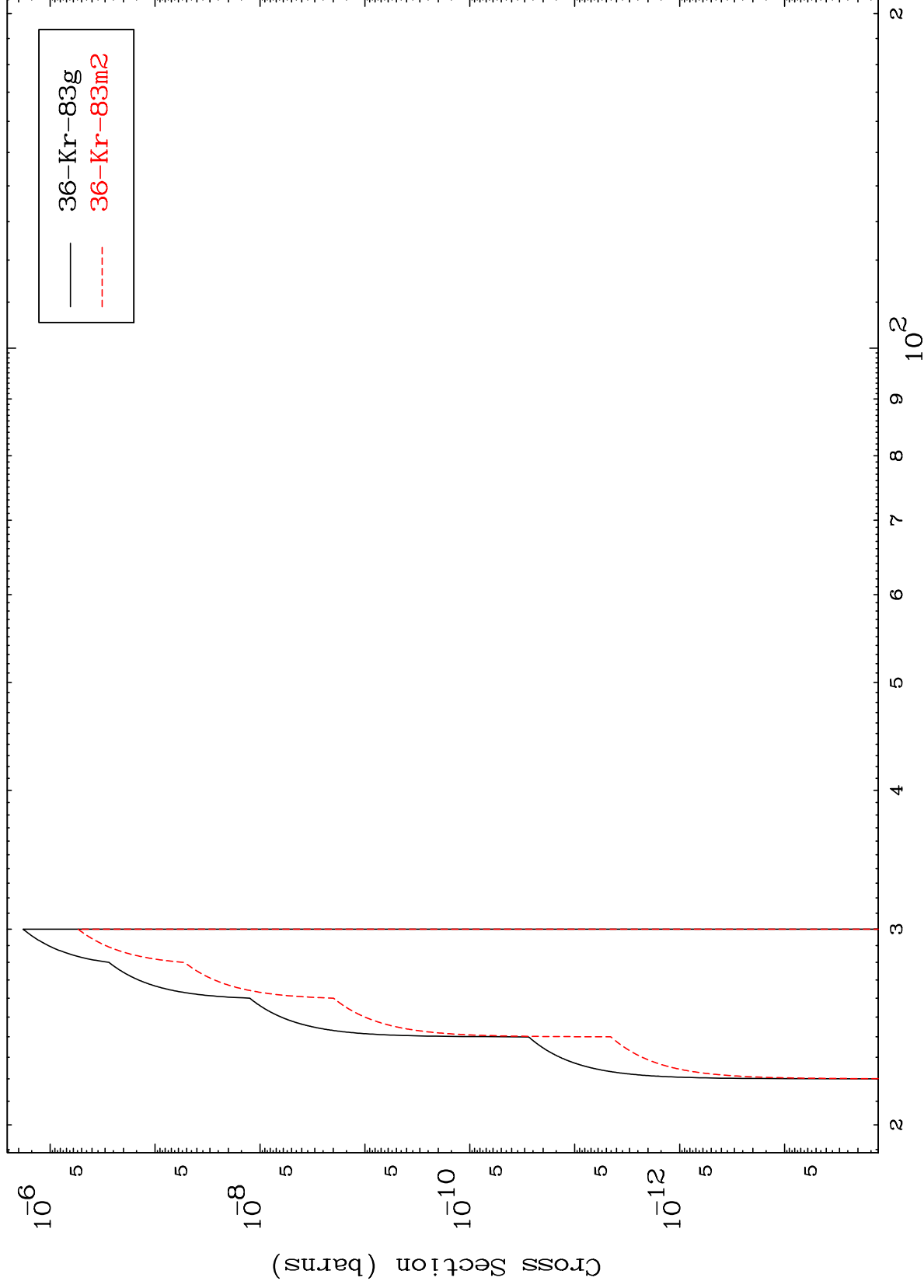
36-Kr-82

MAT 3637

(n,p) d

36-Kr-82

Radionuclide Production Cross Section



19

Incident Energy (MeV)

36-Kr-82