

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

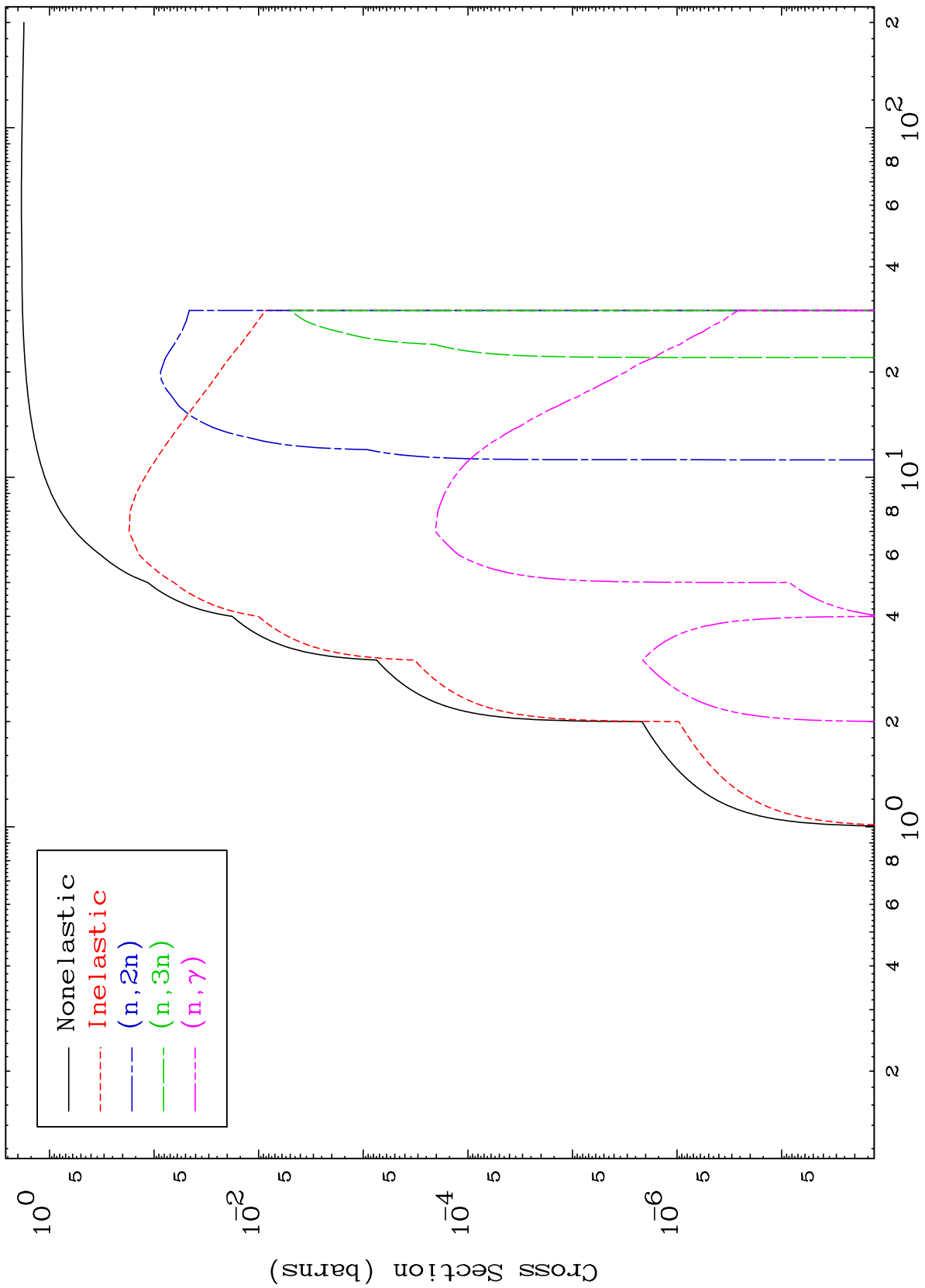
Tele: 925-443-1911

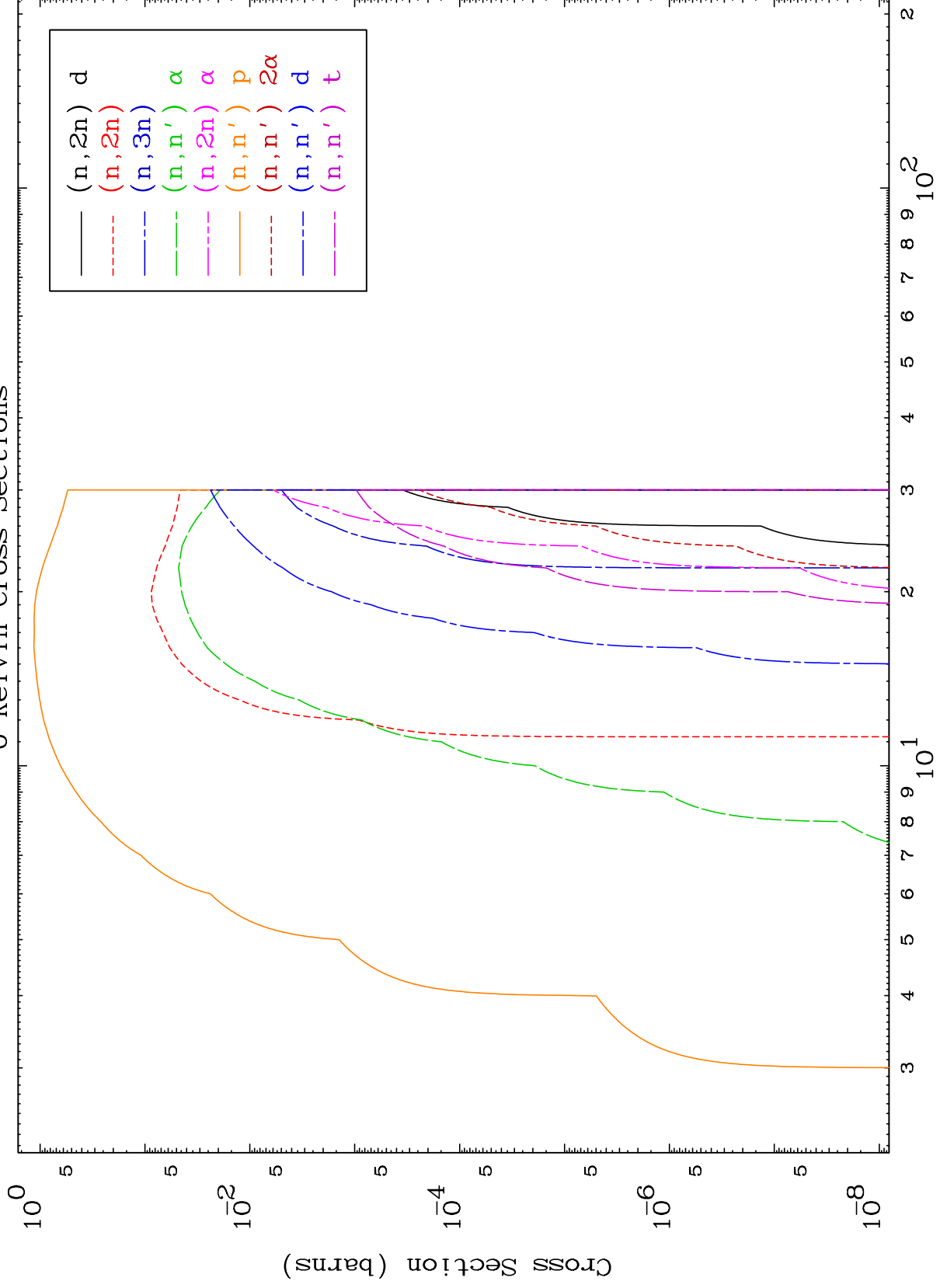
E.Mail:redcullen1@comcast.net

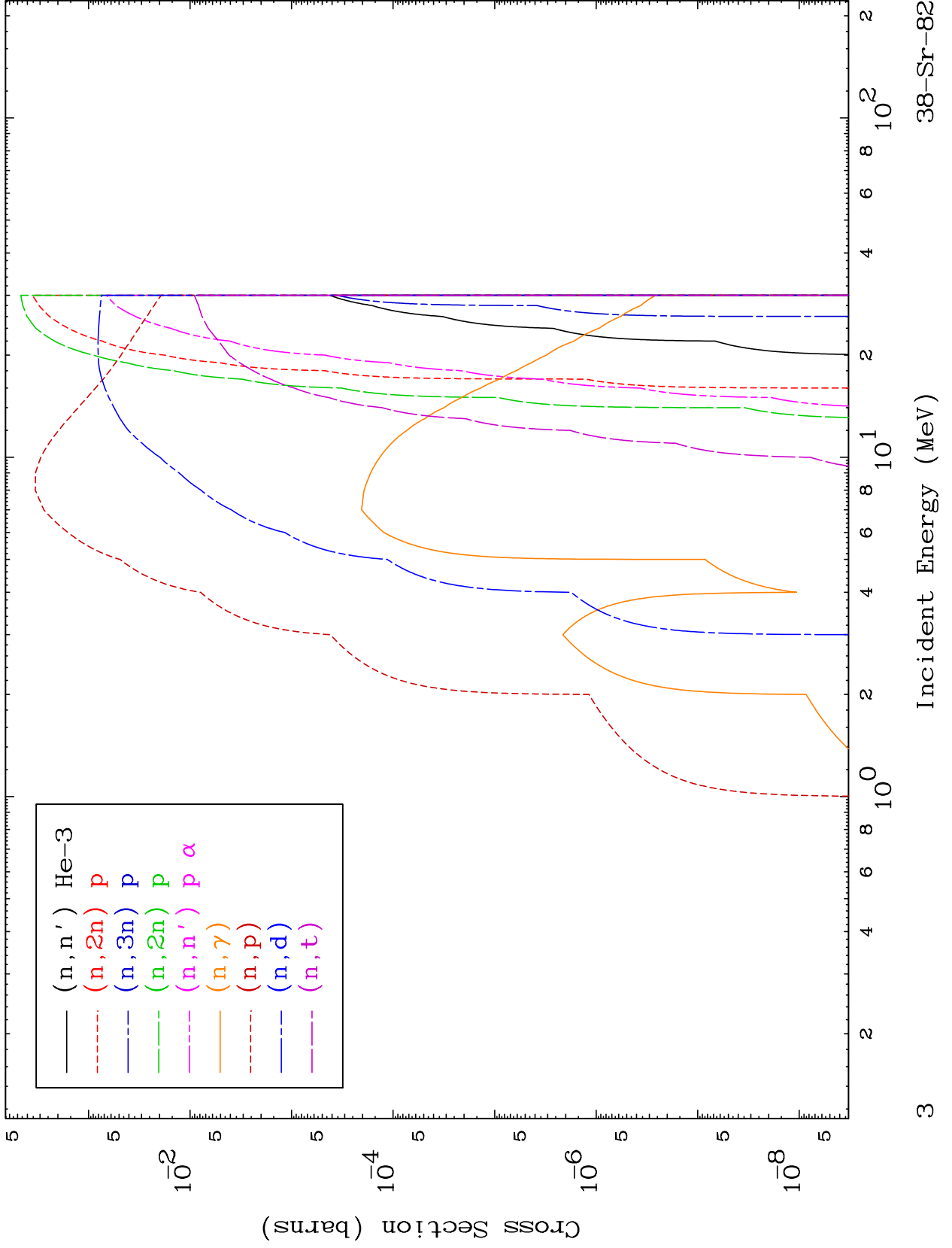
Web:redcullen1.net/HOMEPAGE.NEW

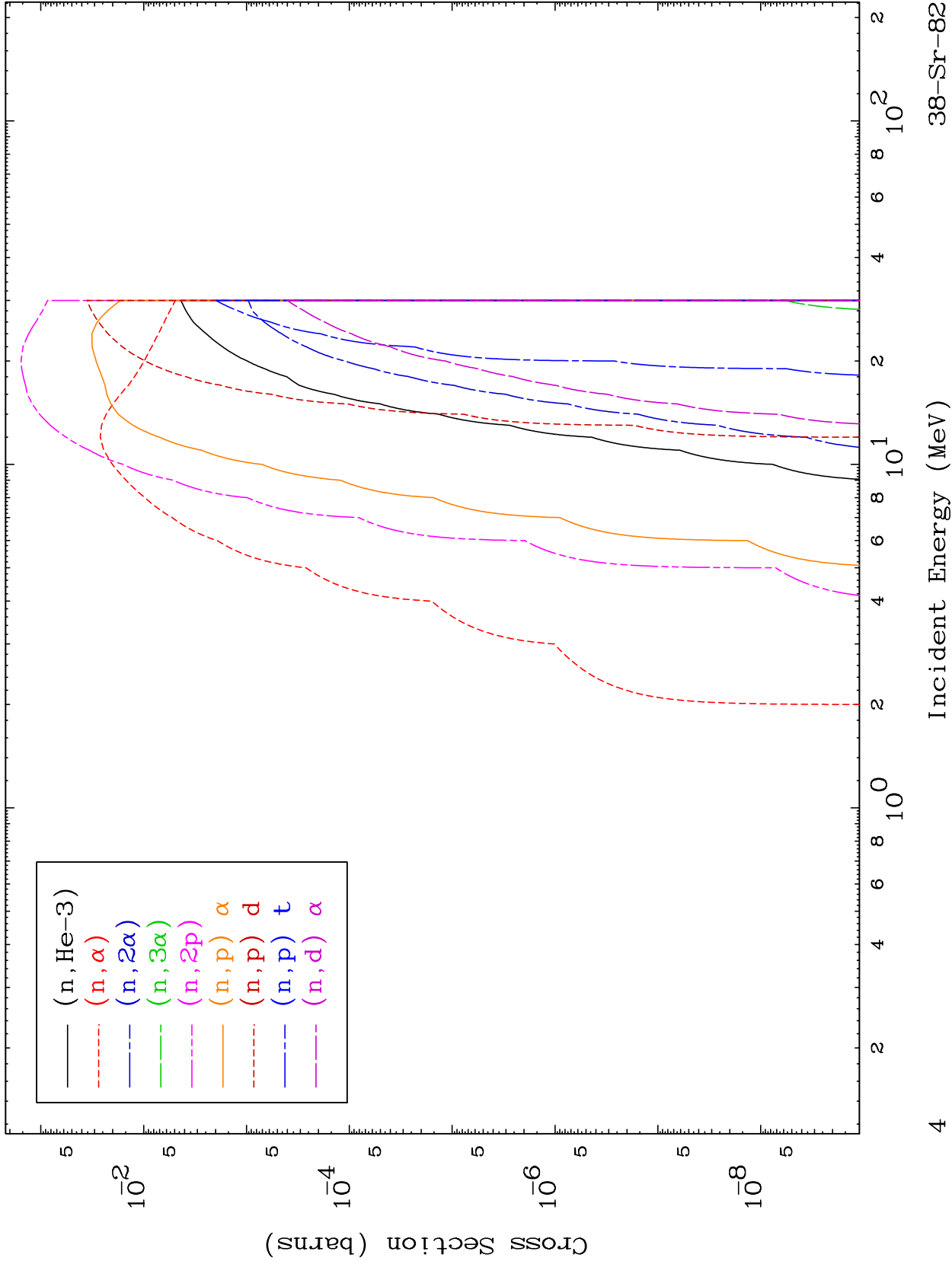
Press Mouse Button to Start

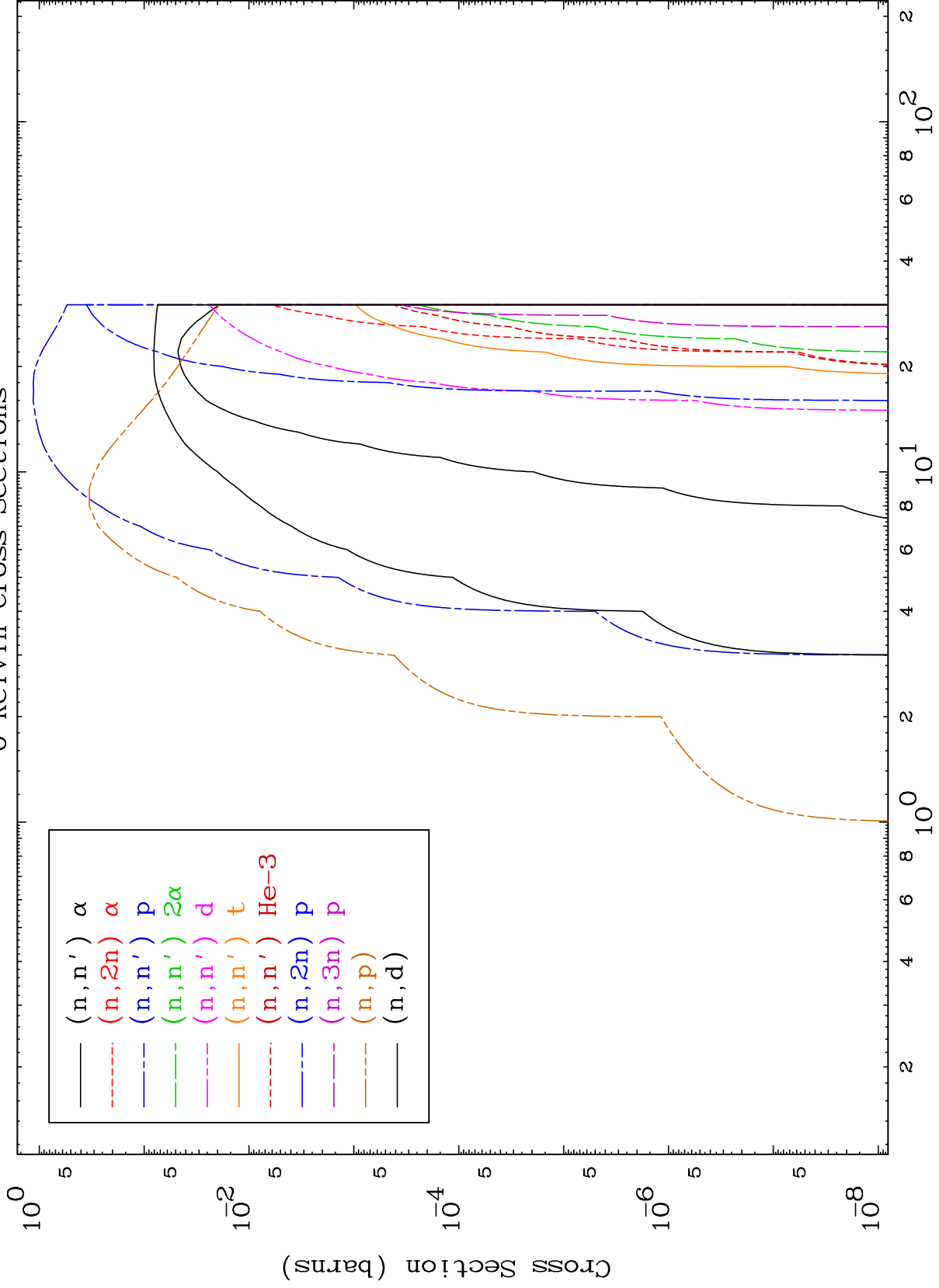
0 Kelvin Cross Sections

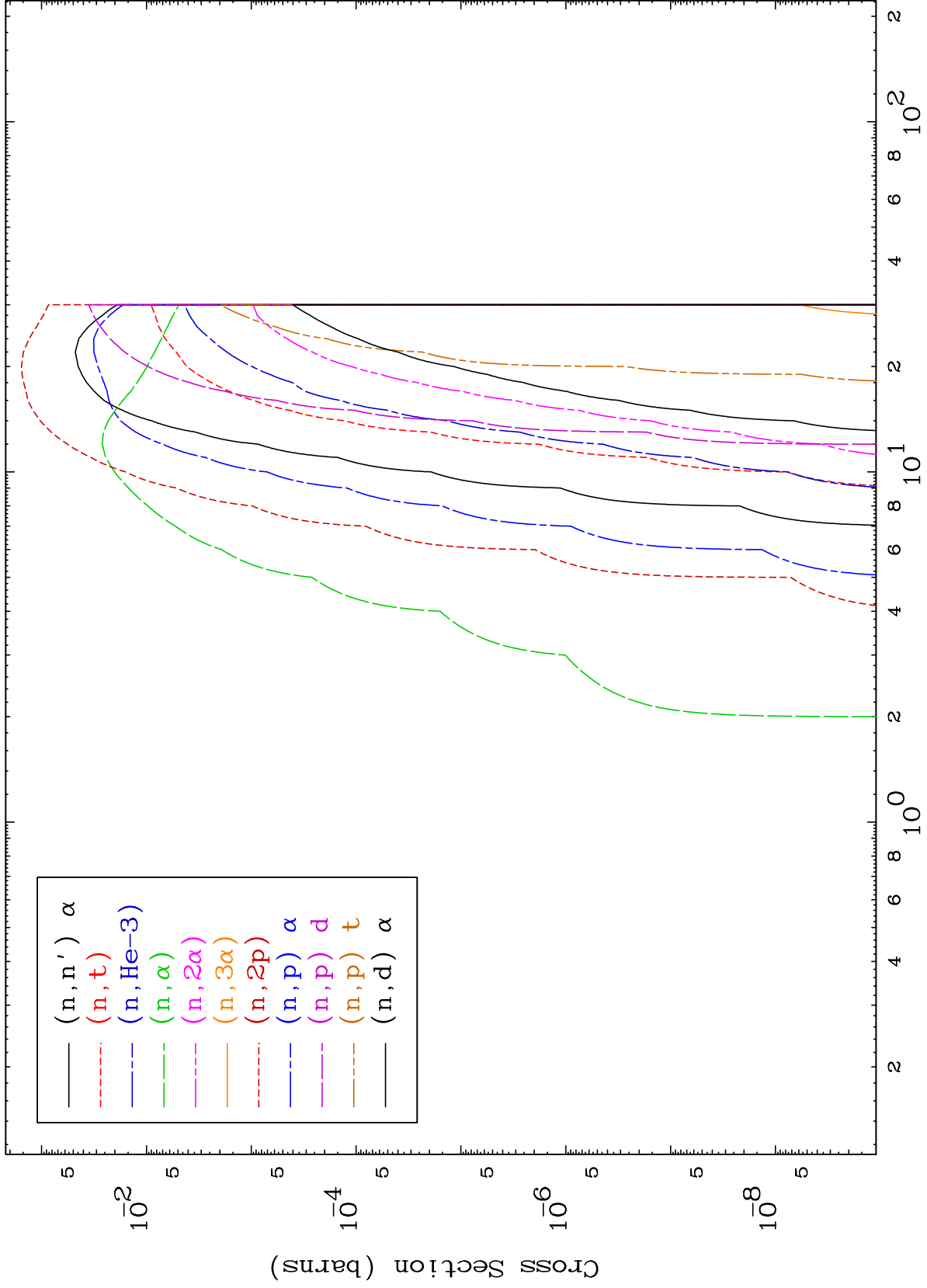








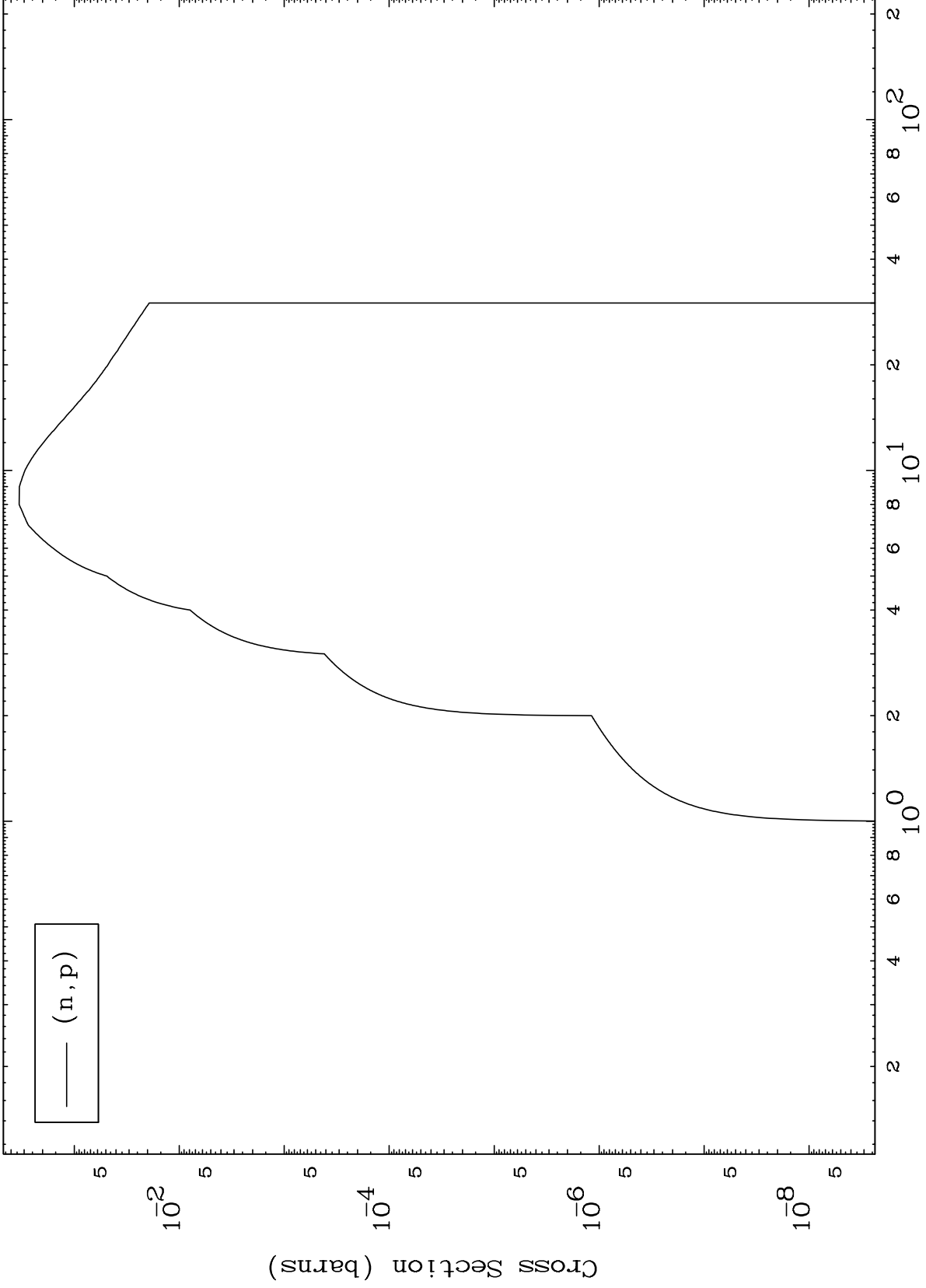




MAT 3819

38-Sr-82

(d,p) Levels
0 Kelvin Cross Sections



7

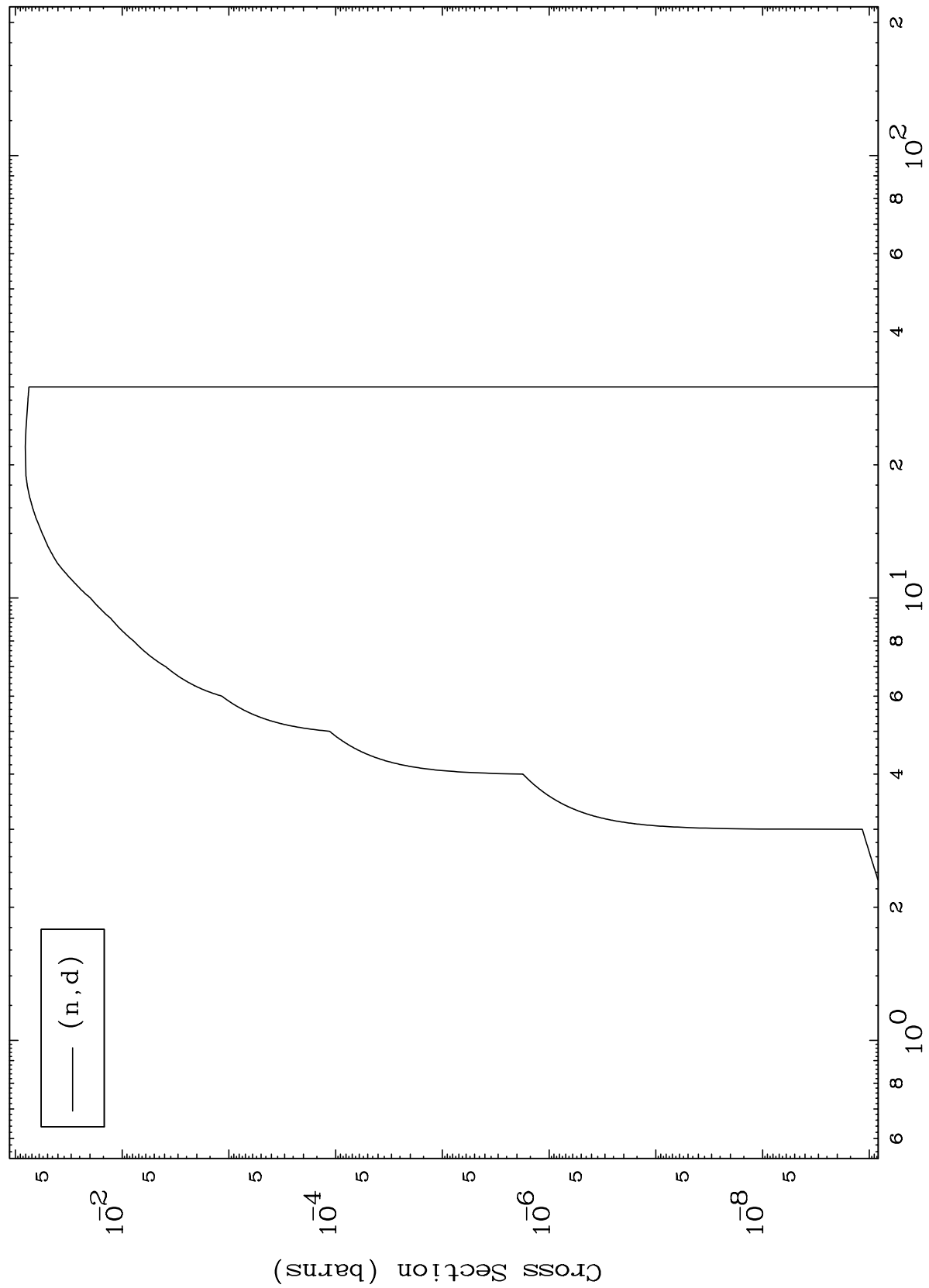
Incident Energy (MeV)

38-Sr-82

MAT 3819

38-Sr-82

(d,d) Levels
0 Kelvin Cross Sections



(n,d)

38-Sr-82

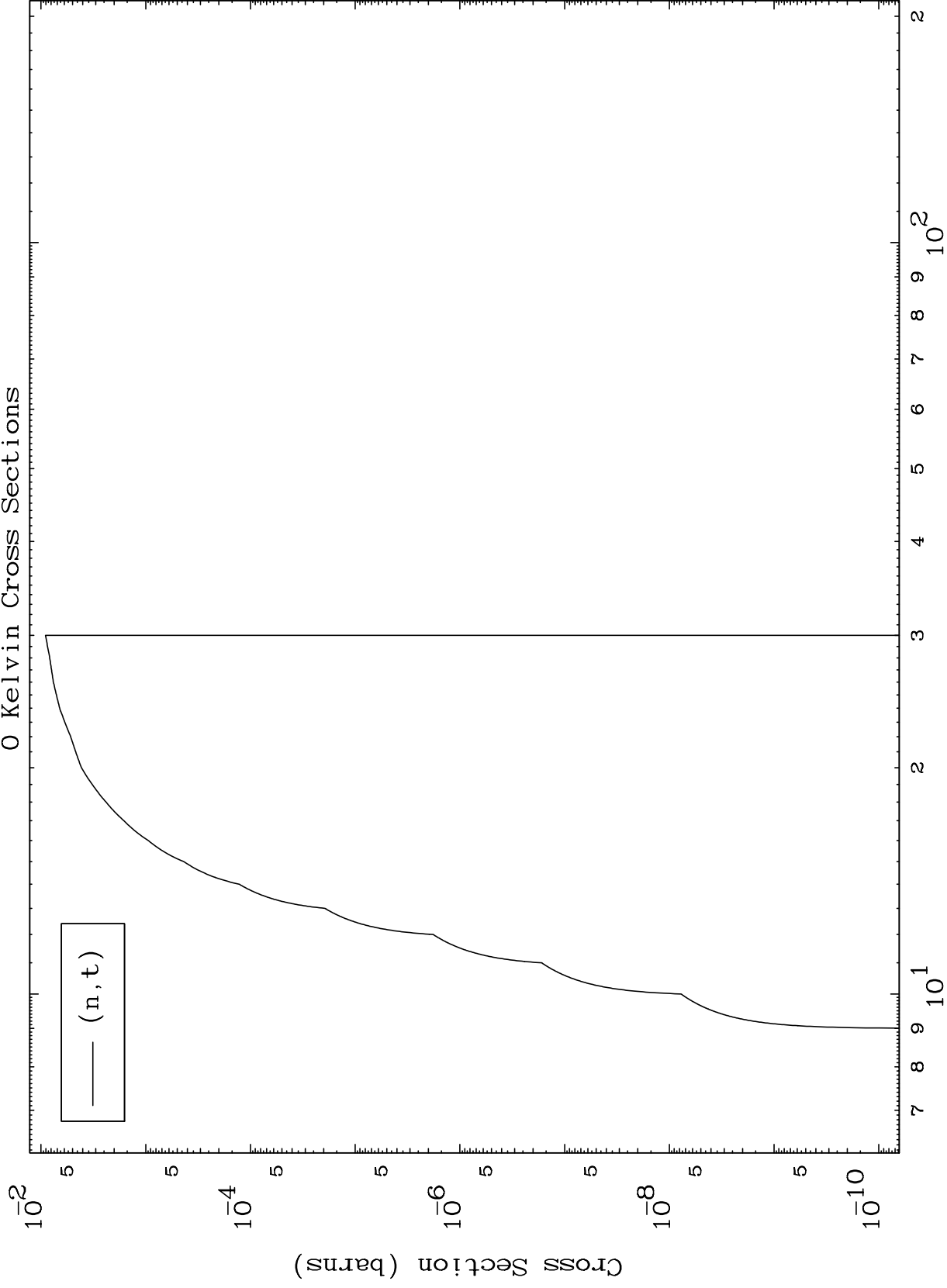
Incident Energy (MeV)

8

MAT 3819

(d, t) Levels
0 Kelvin Cross Sections

38-Sr-82



9

Incident Energy (MeV)

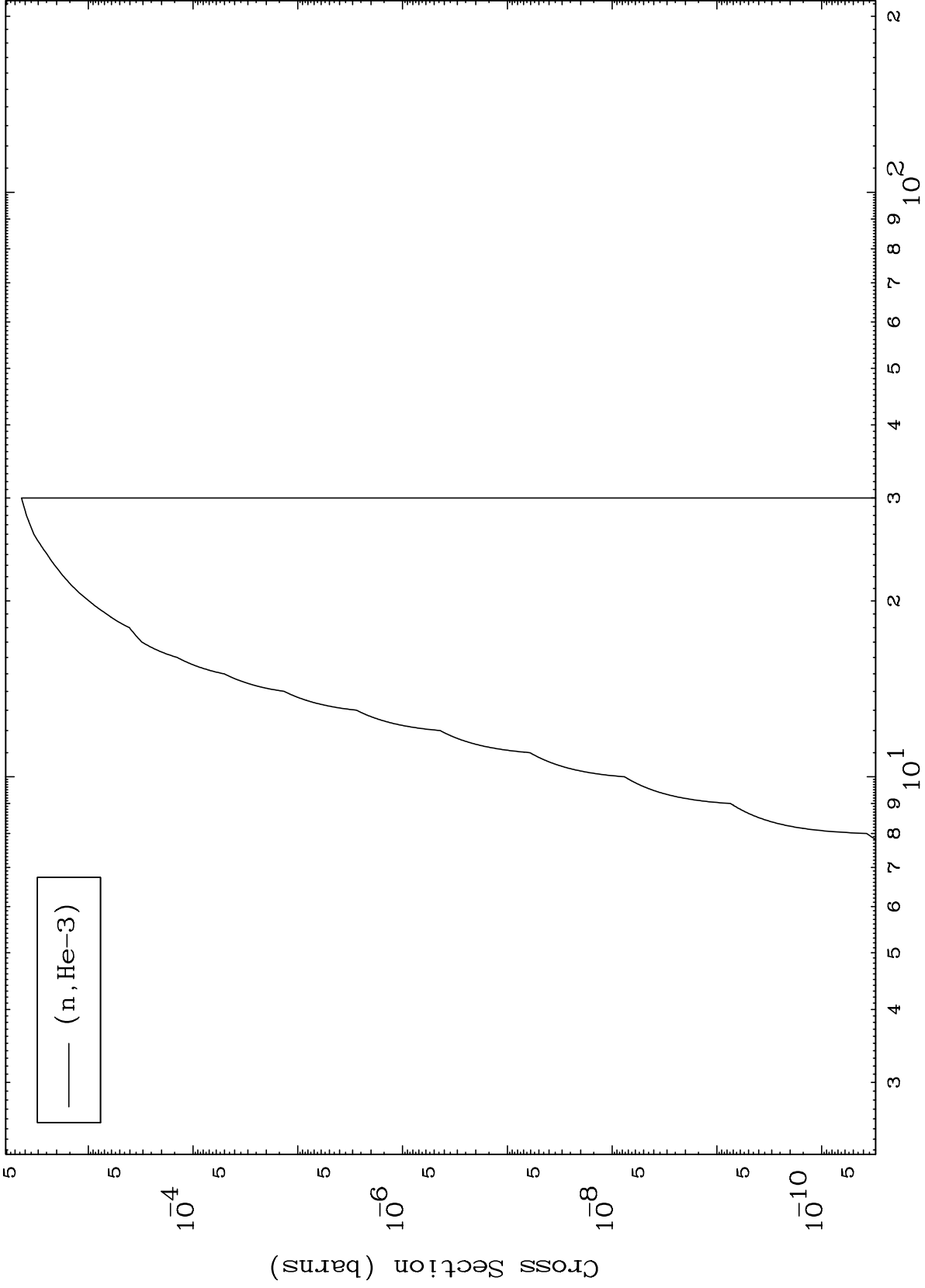
38-Sr-82

MAT 3819

(d,He3) Levels

38-Sr-82

0 Kelvin Cross Sections

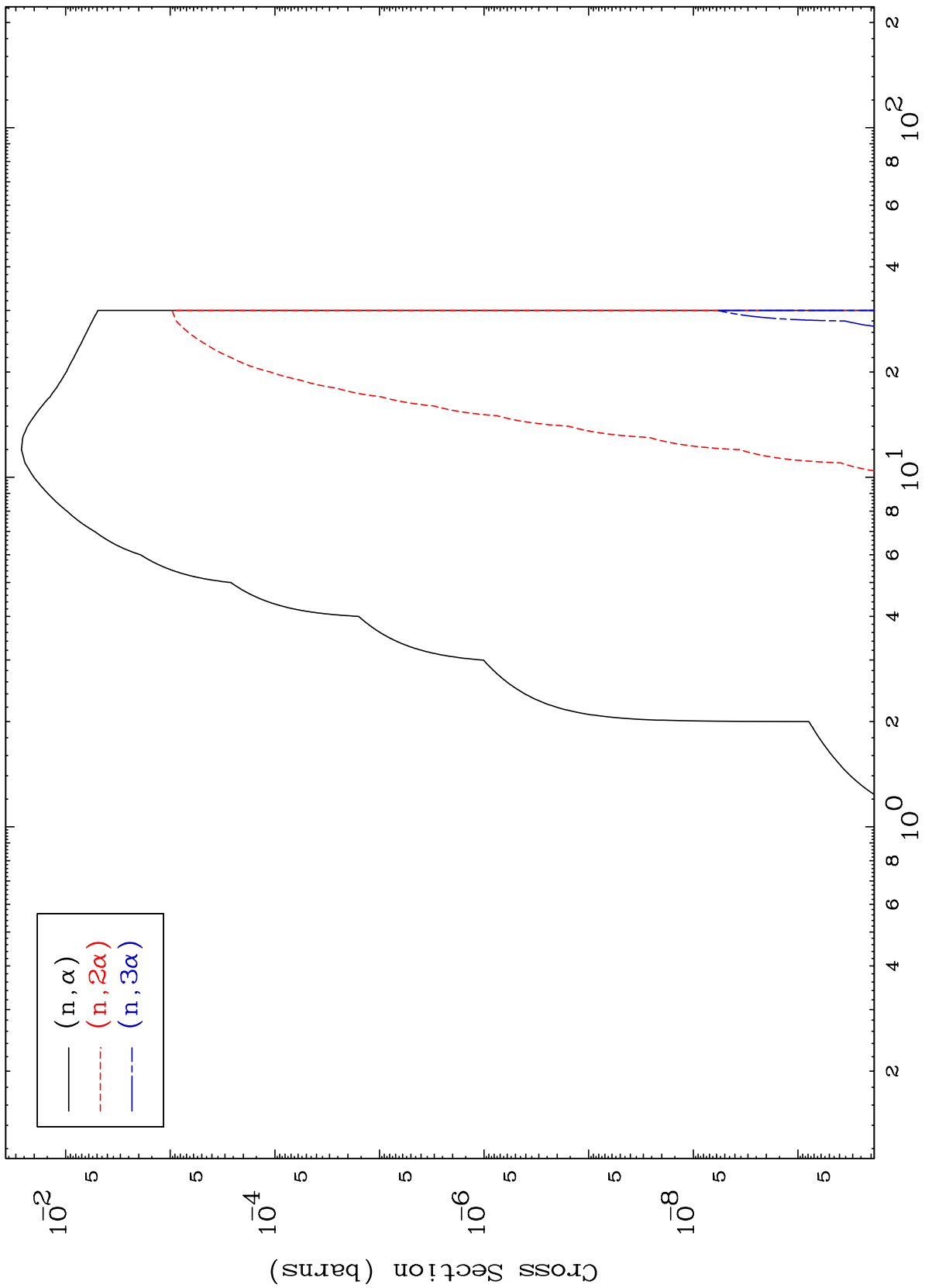


10

Incident Energy (MeV)

38-Sr-82

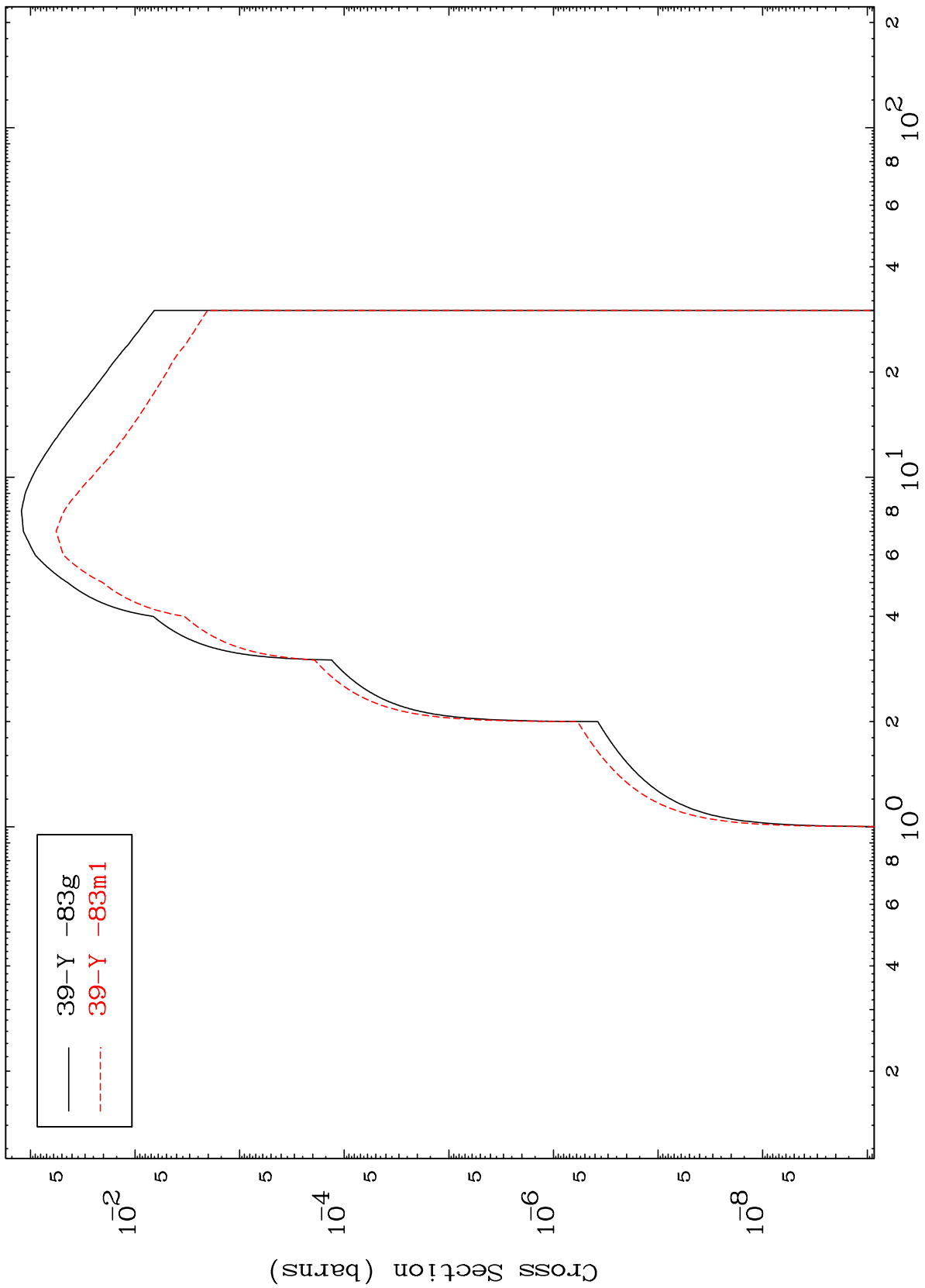
(d, α) Levels
0 Kelvin Cross Sections



MAT 3819

38-Sr-82

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1

38-Sr-82

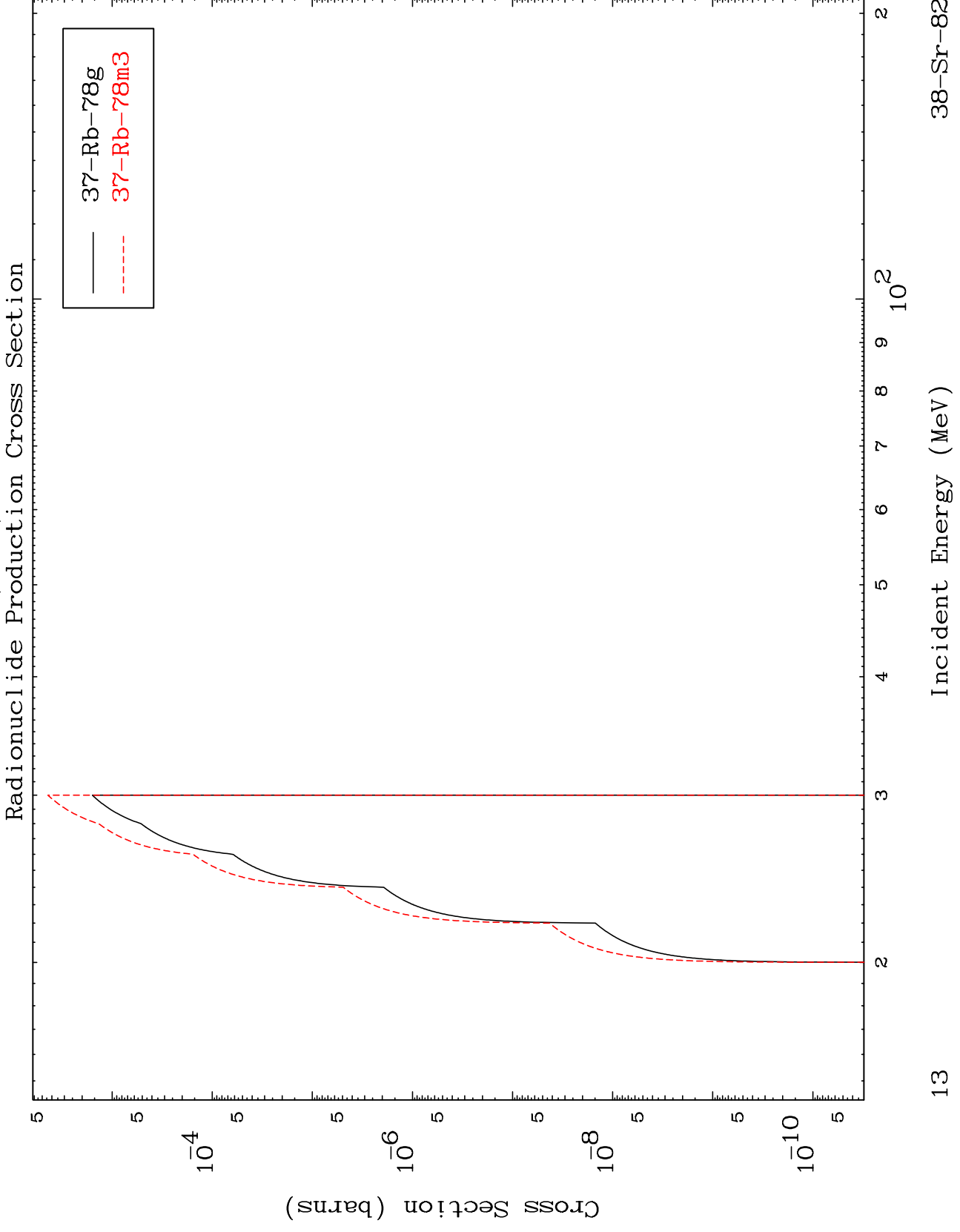
Incident Energy (MeV)

12

MAT 3819

$(n,2n) \alpha$

38-Sr-82



13

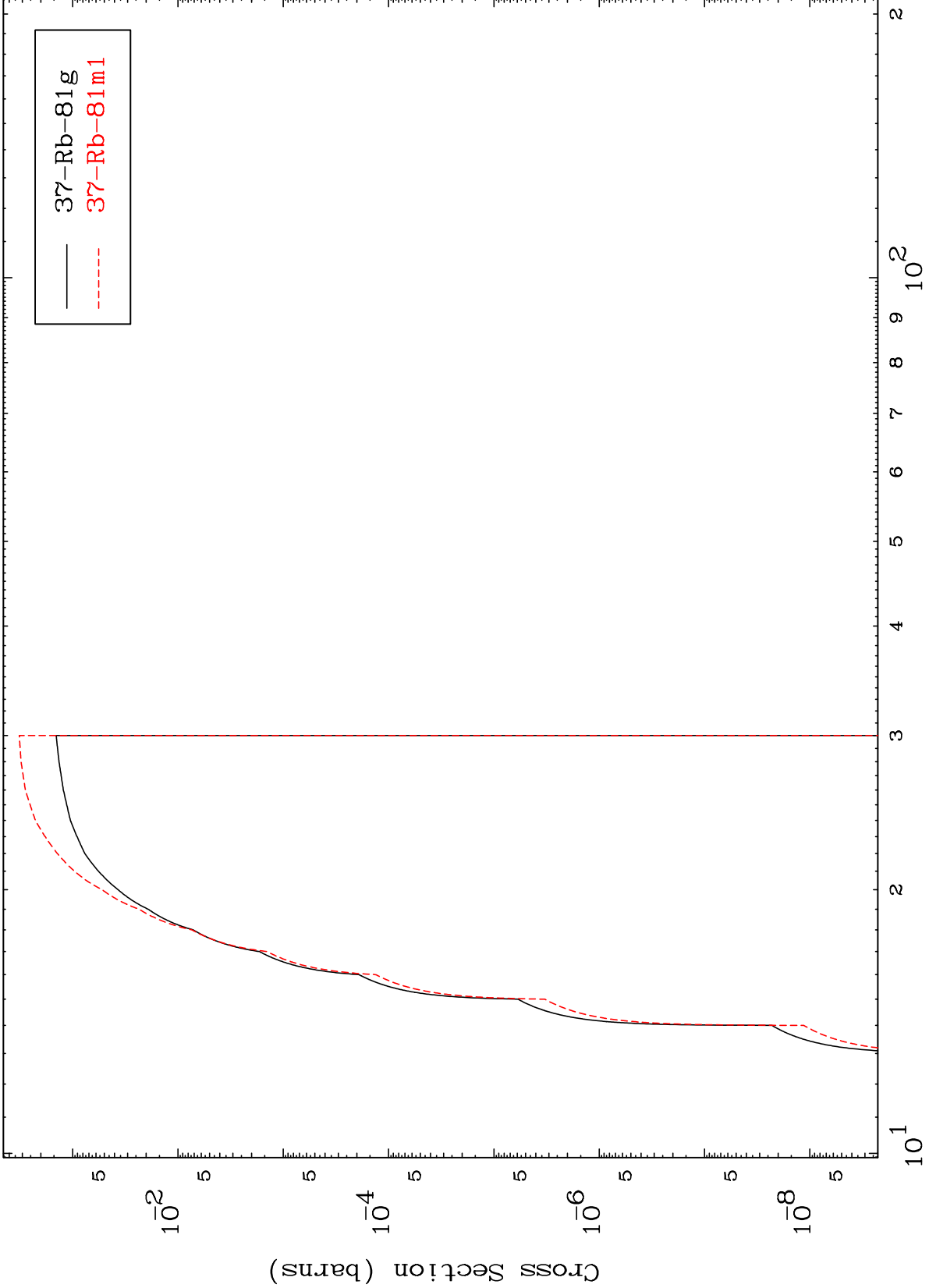
38-Sr-82

MAT 3819

(n,2n) p

38-Sr-82

Radionuclide Production Cross Section



Incident Energy (MeV)

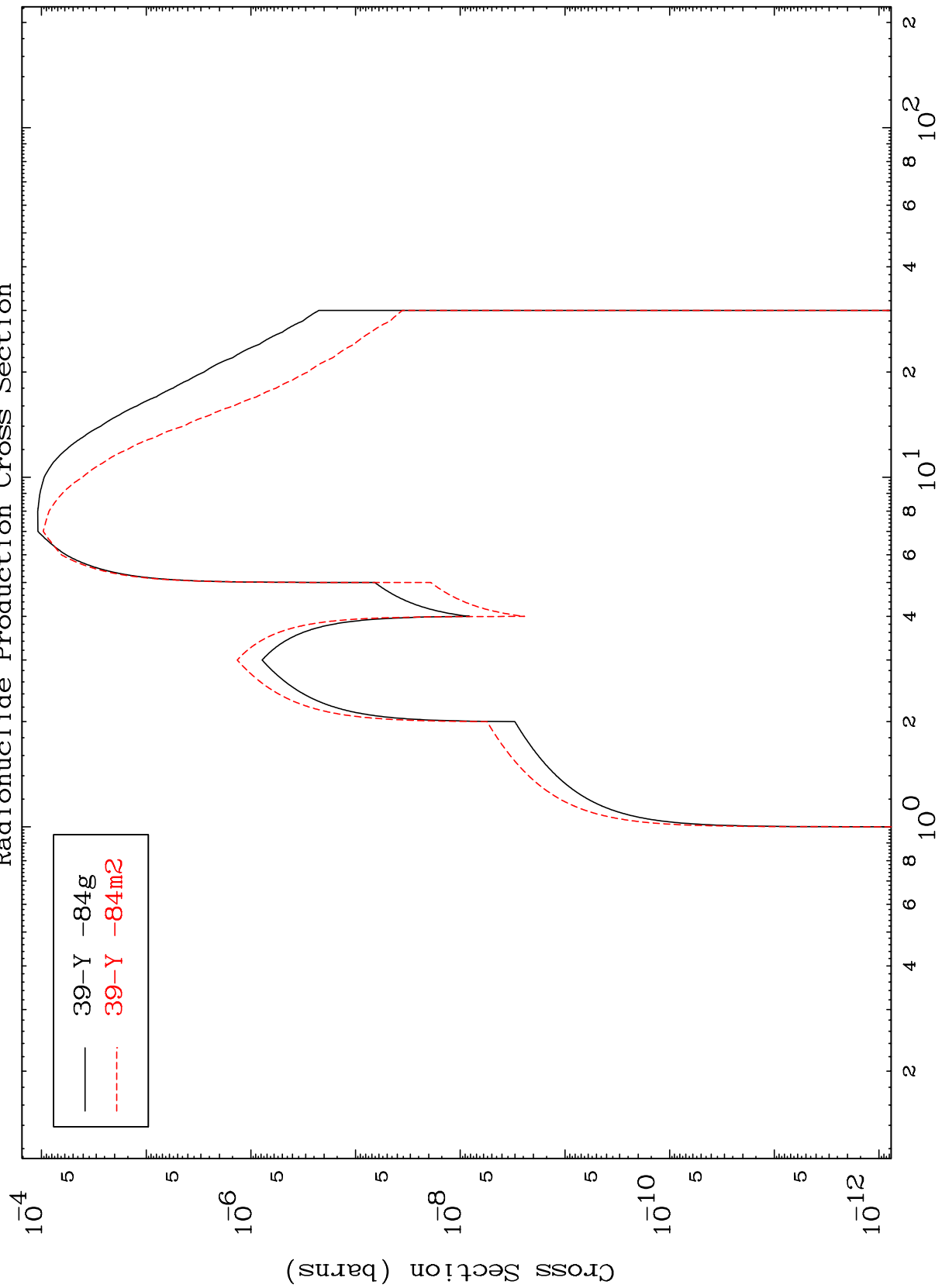
38-Sr-82

14

MAT 3819

38-Sr-82

Radionuclide Production Cross Section



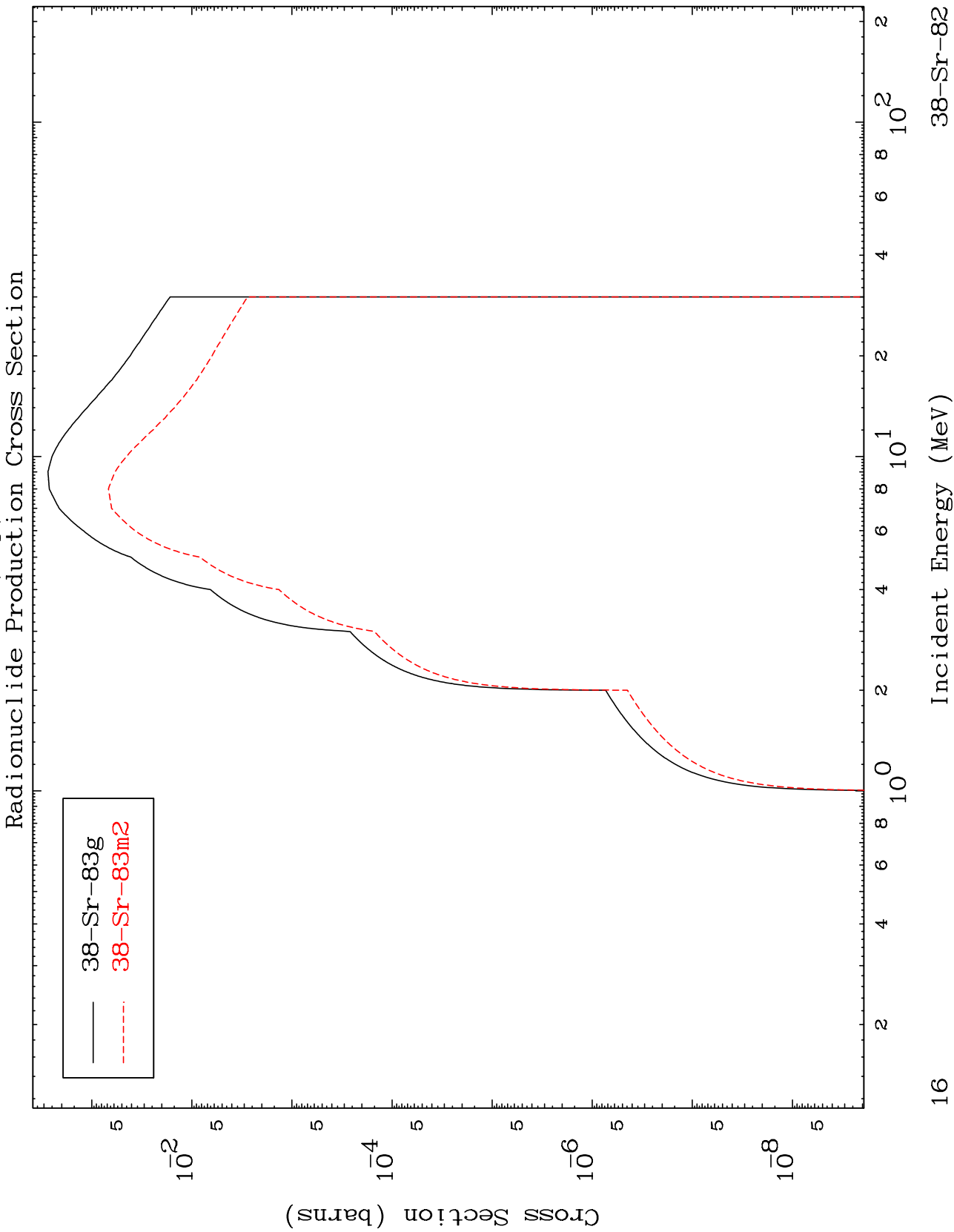
38-Sr-82

Incident Energy (MeV)

15

MAT 3819

38-Sr-82



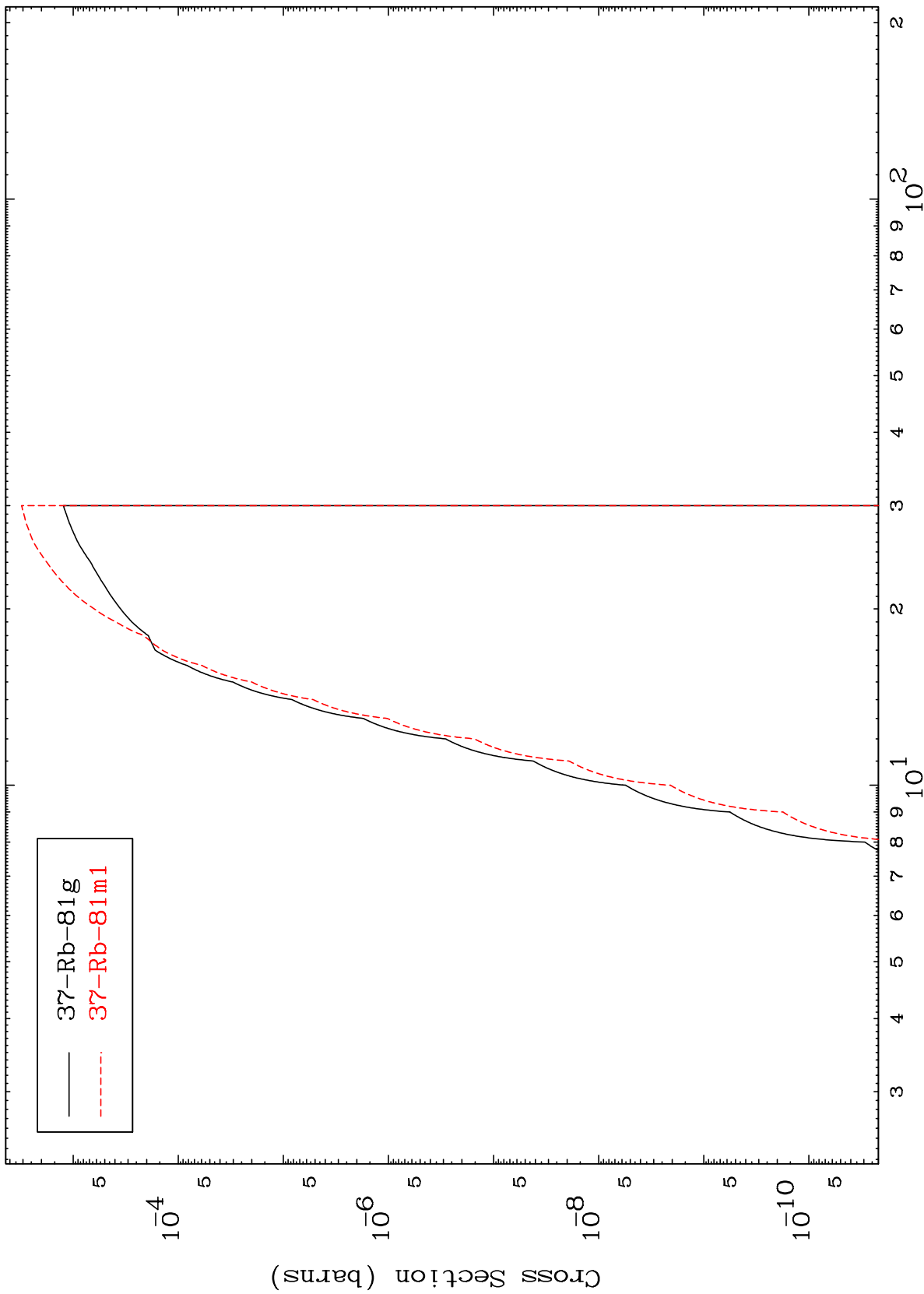
16

38-Sr-82

MAT 3819

38-Sr-82

(n,He-3)
Radionuclide Production Cross Section



17

38-Sr-82

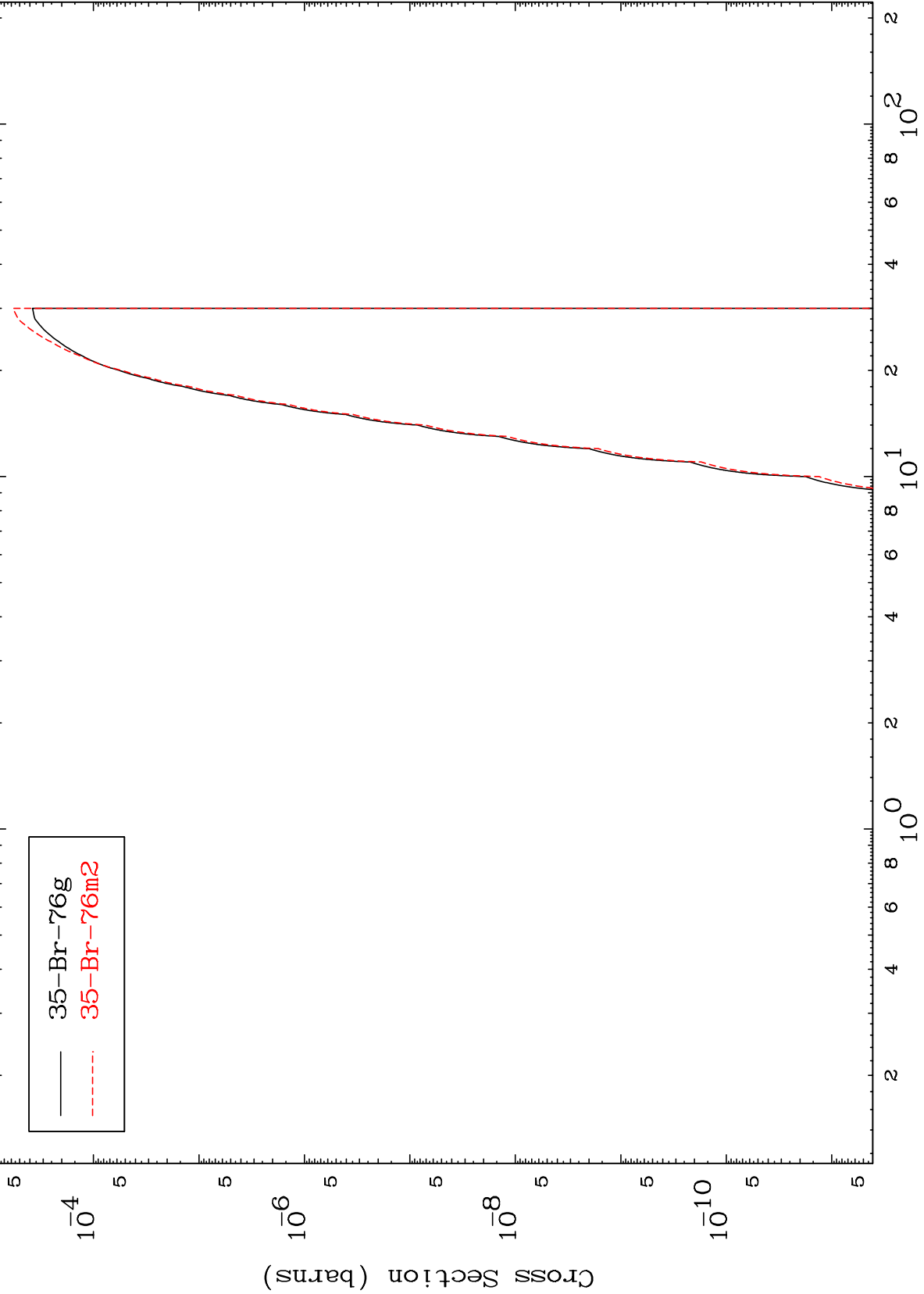
Incident Energy (MeV)

MAT 3819

(n,2α)

38-Sr-82

Radionuclide Production Cross Section

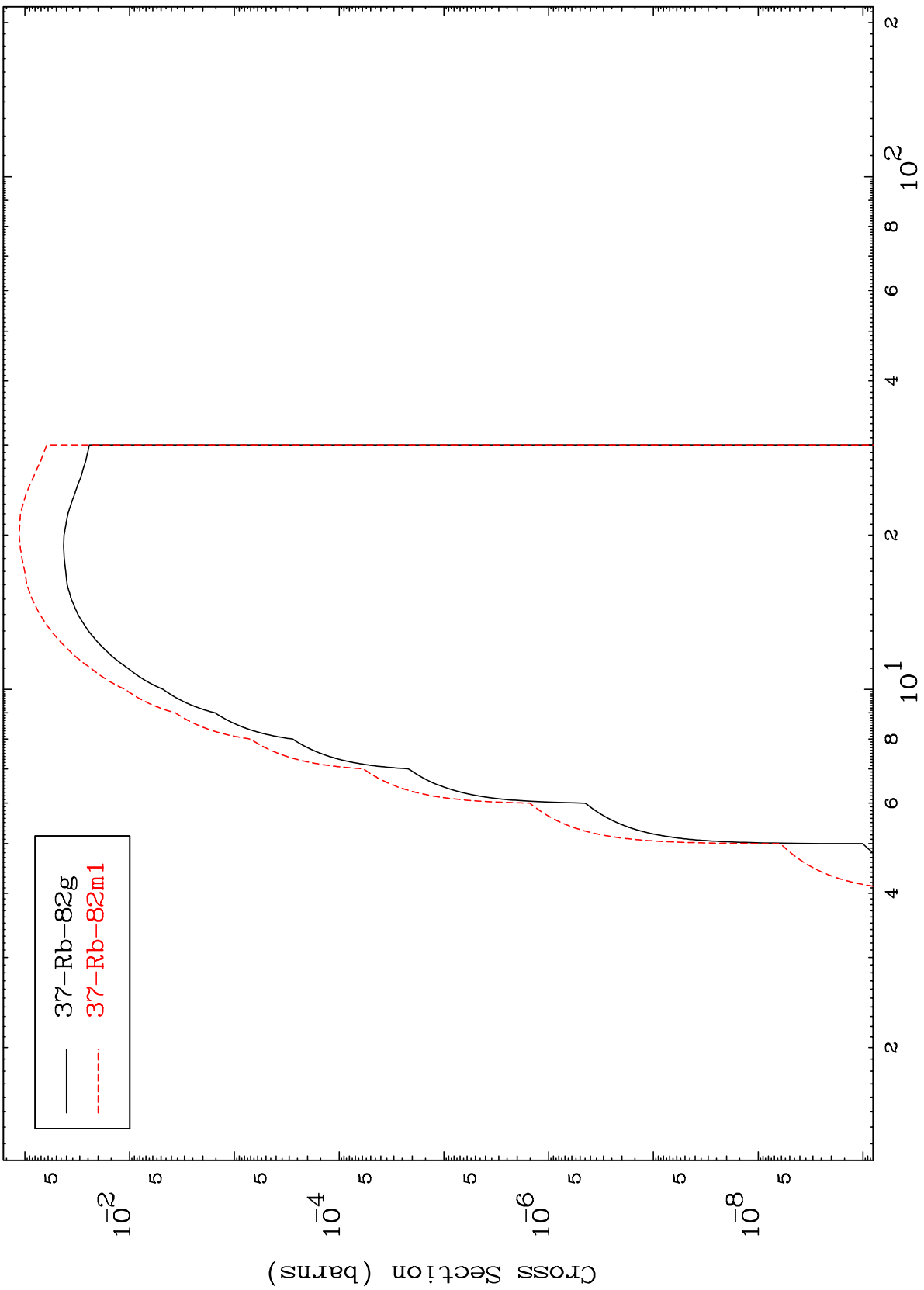


35-Br-76g
35-Br-76m2

MAT 3819

38-Sr-82

(n,2p)
Radionuclide Production Cross Section



19

38-Sr-82

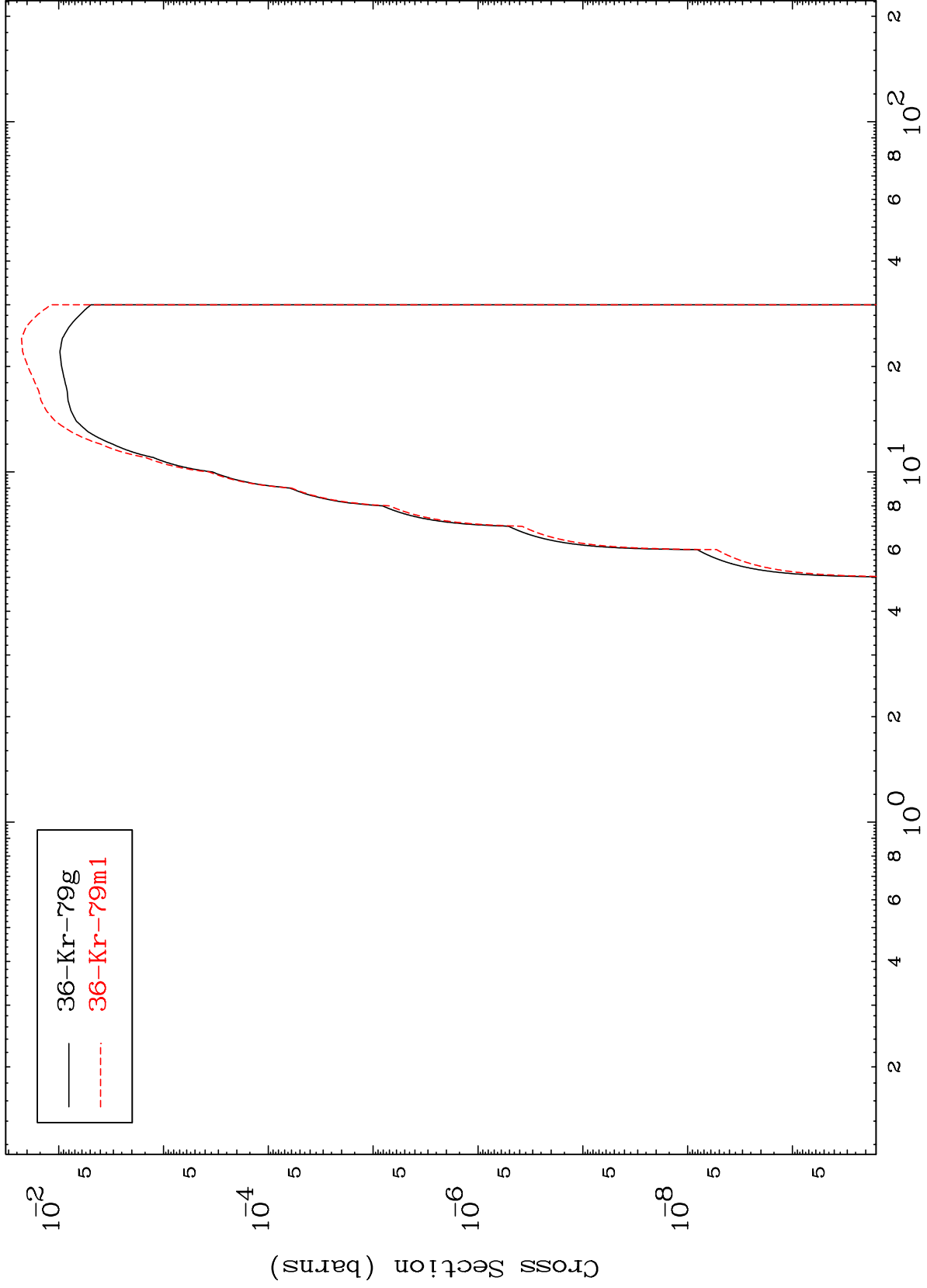
Incident Energy (MeV)

MAT 3819

(n,p) α

³⁸Sr-82

Radionuclide Production Cross Section



20

Incident Energy (MeV)

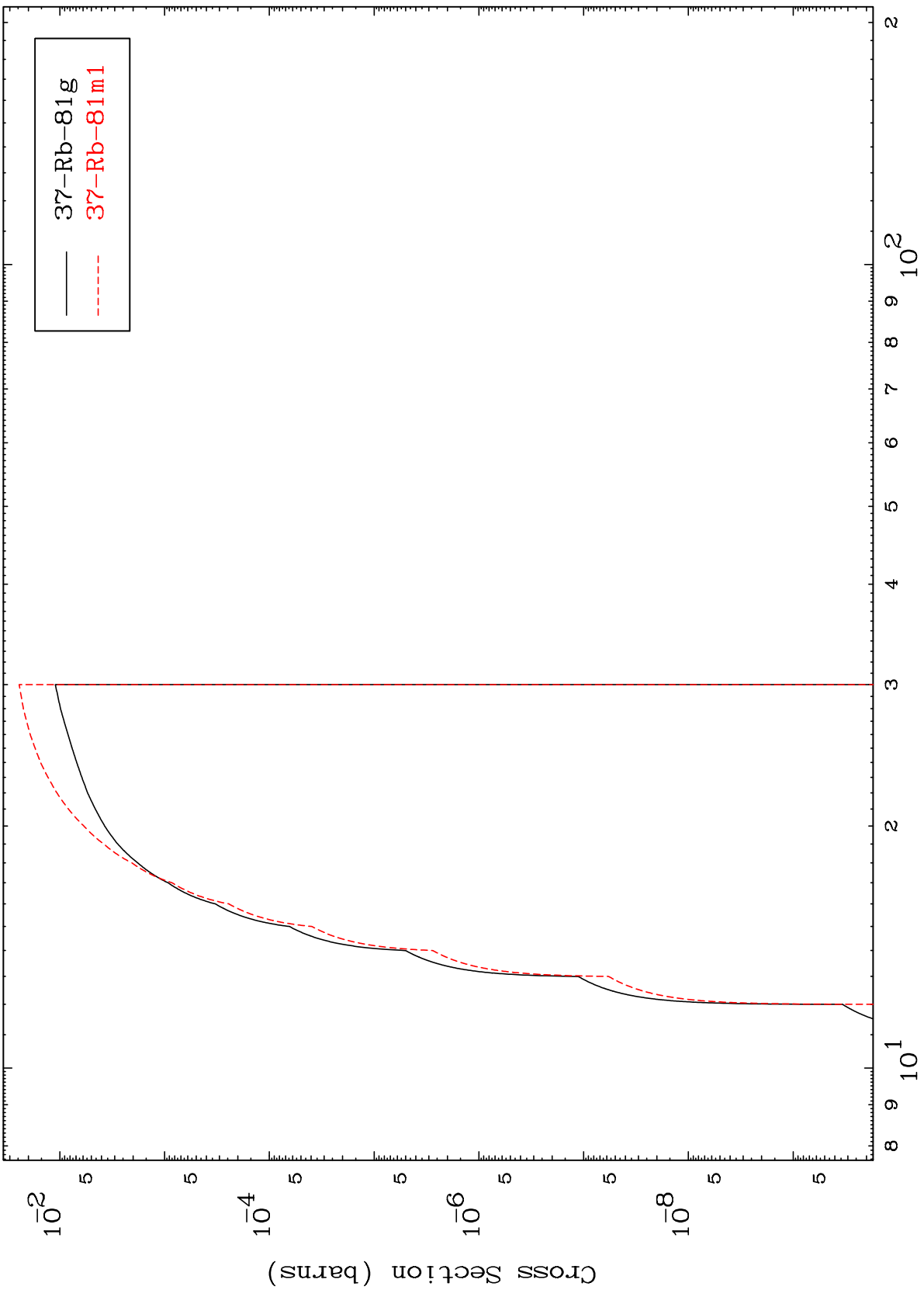
³⁸Sr-82

MAT 3819

(n,p) d

38-Sr-82

Radionuclide Production Cross Section



21

Incident Energy (MeV)

38-Sr-82