

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

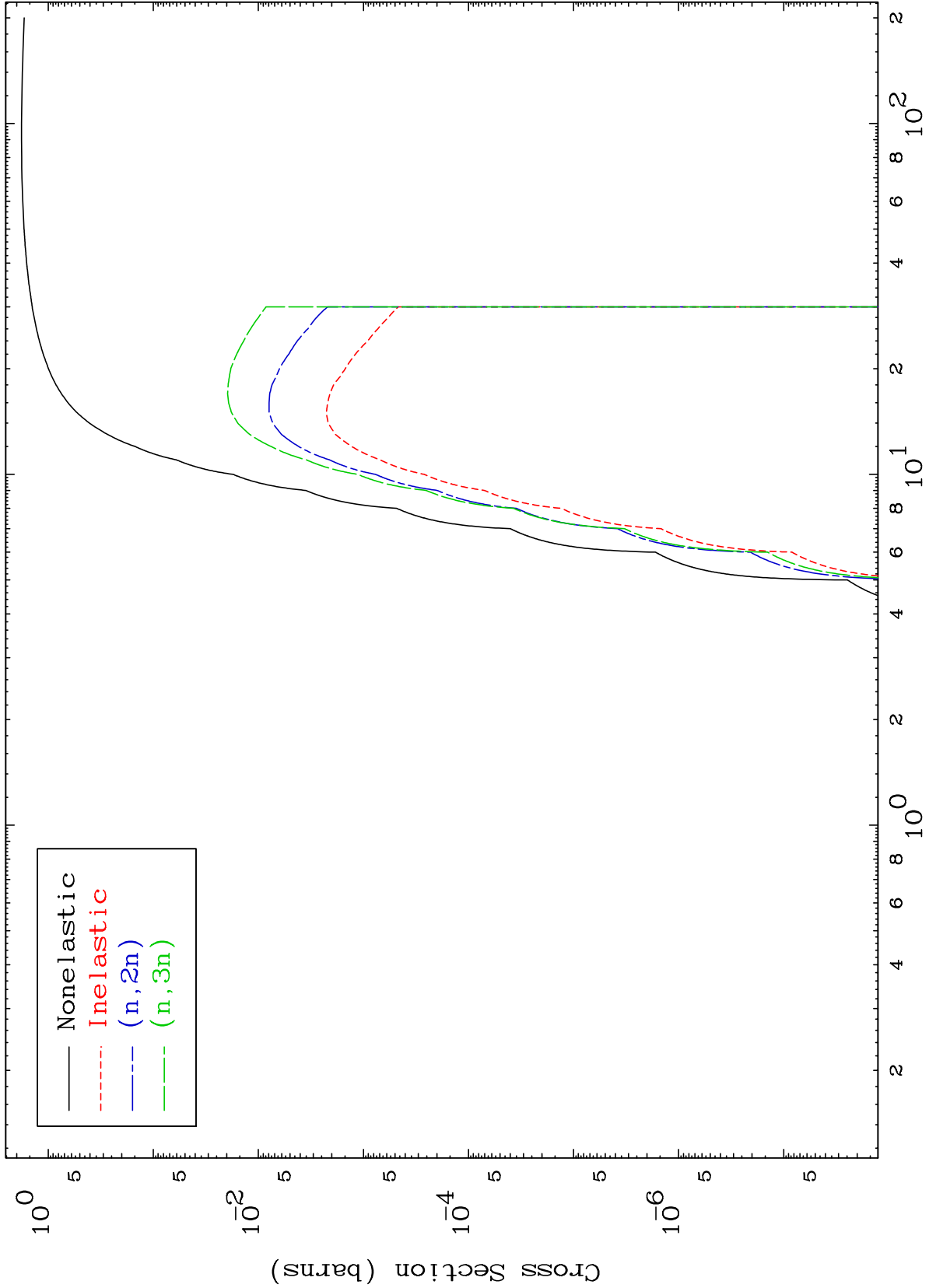
Press Mouse Button to Start

MAT 3955

He-3 Major

0 Kelvin Cross Sections

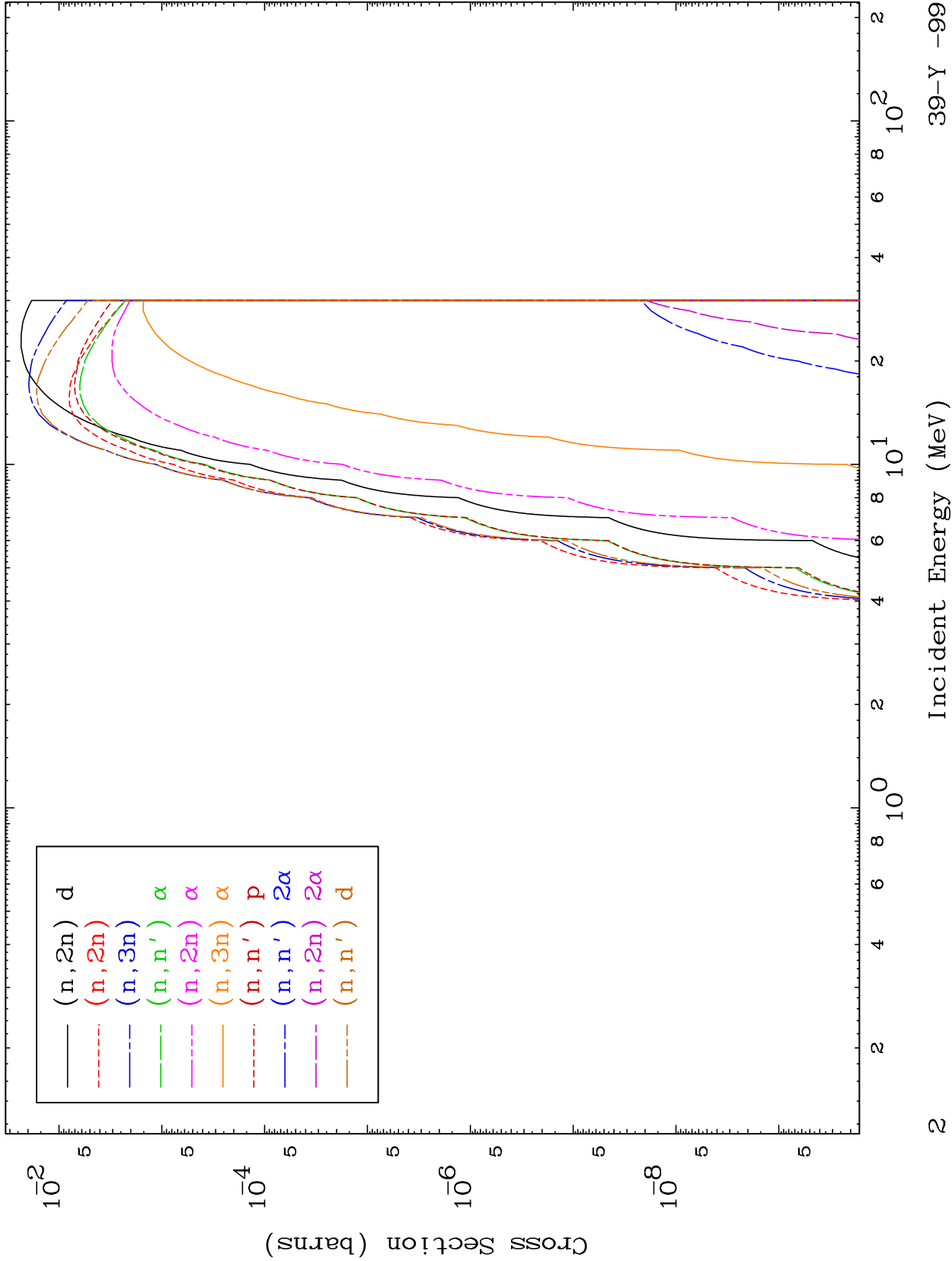
39-Y -99

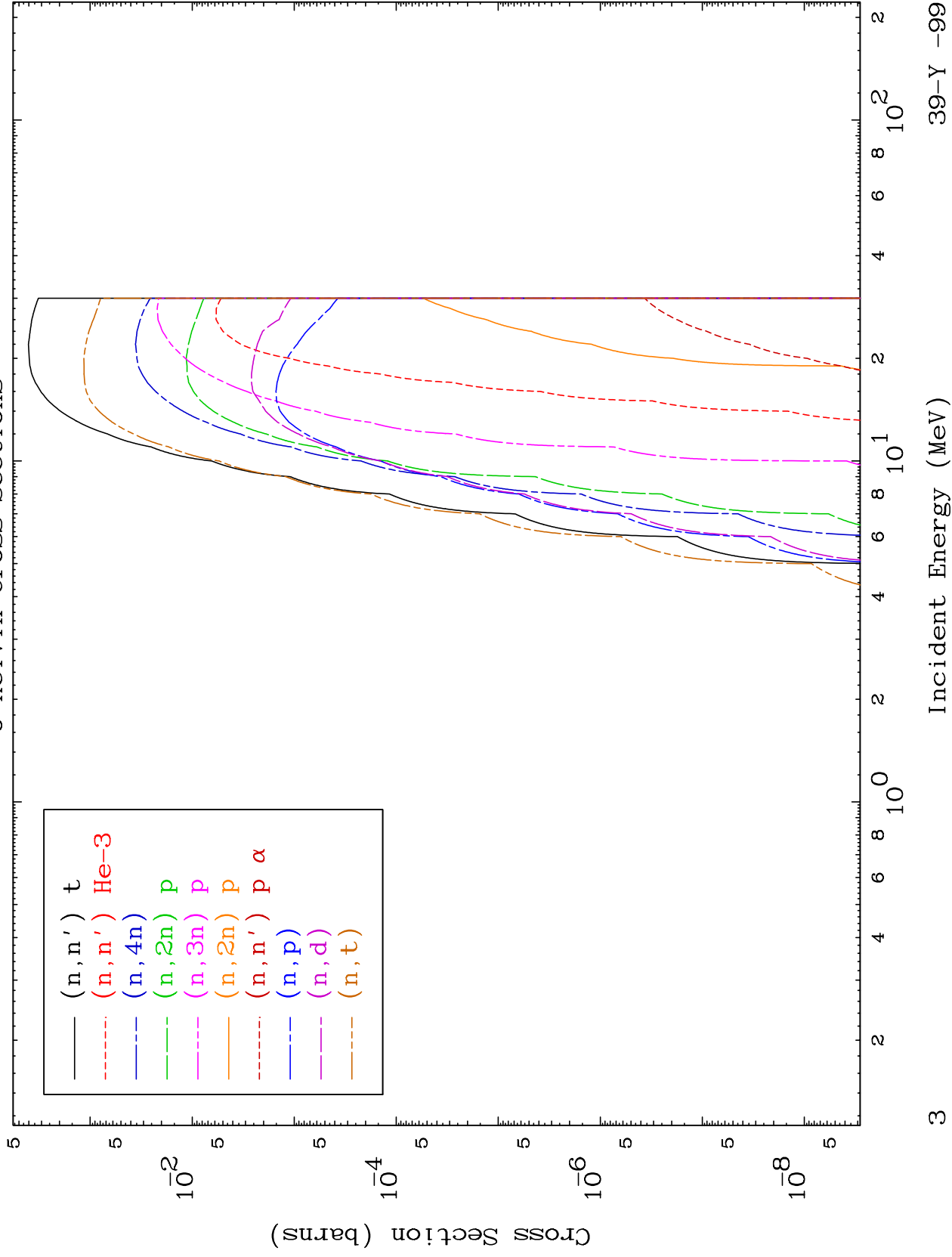


MAT 3955

He-3 Neutron Absorption  
0 Kelvin Cross Sections

39-Y -99

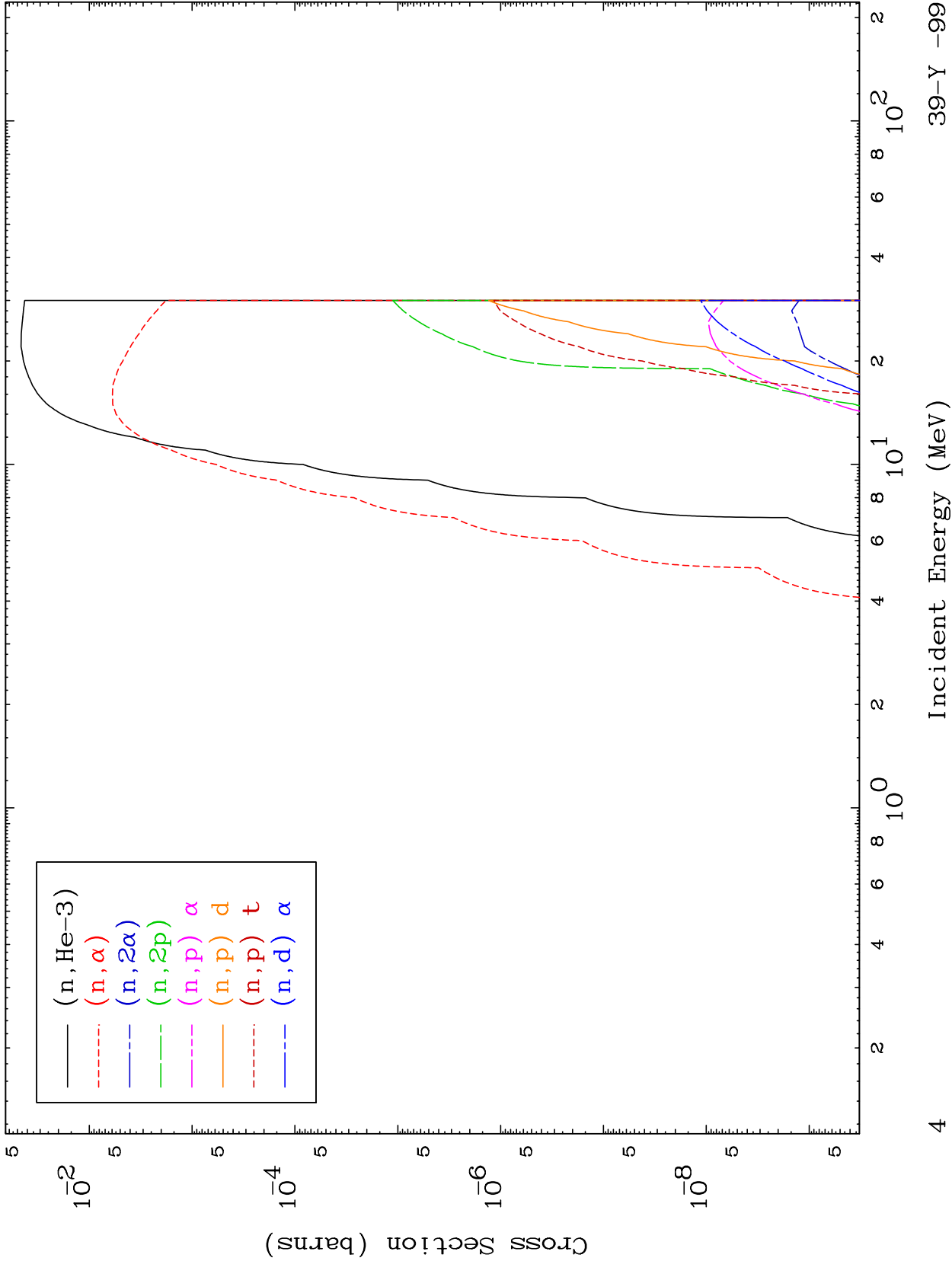


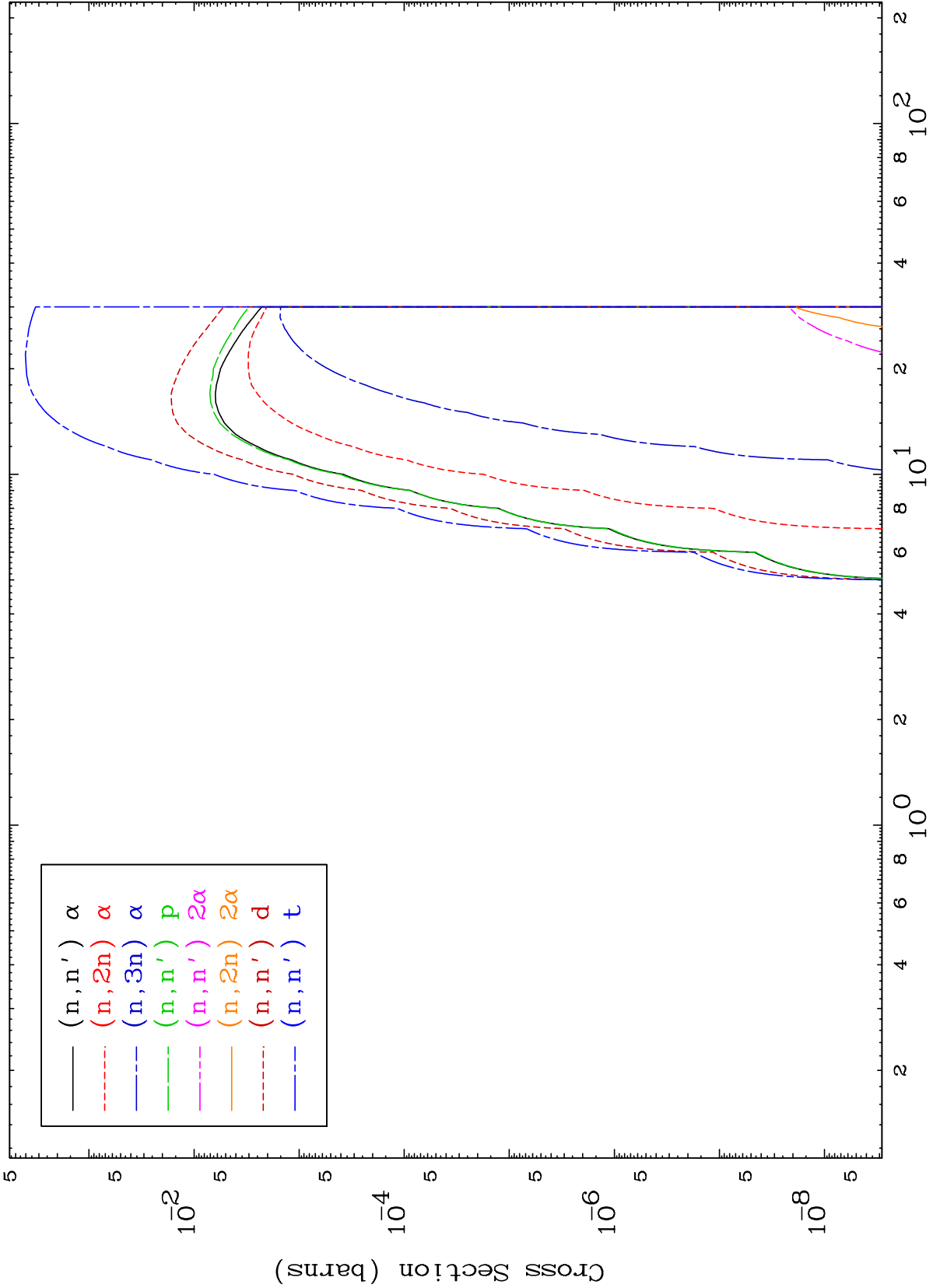


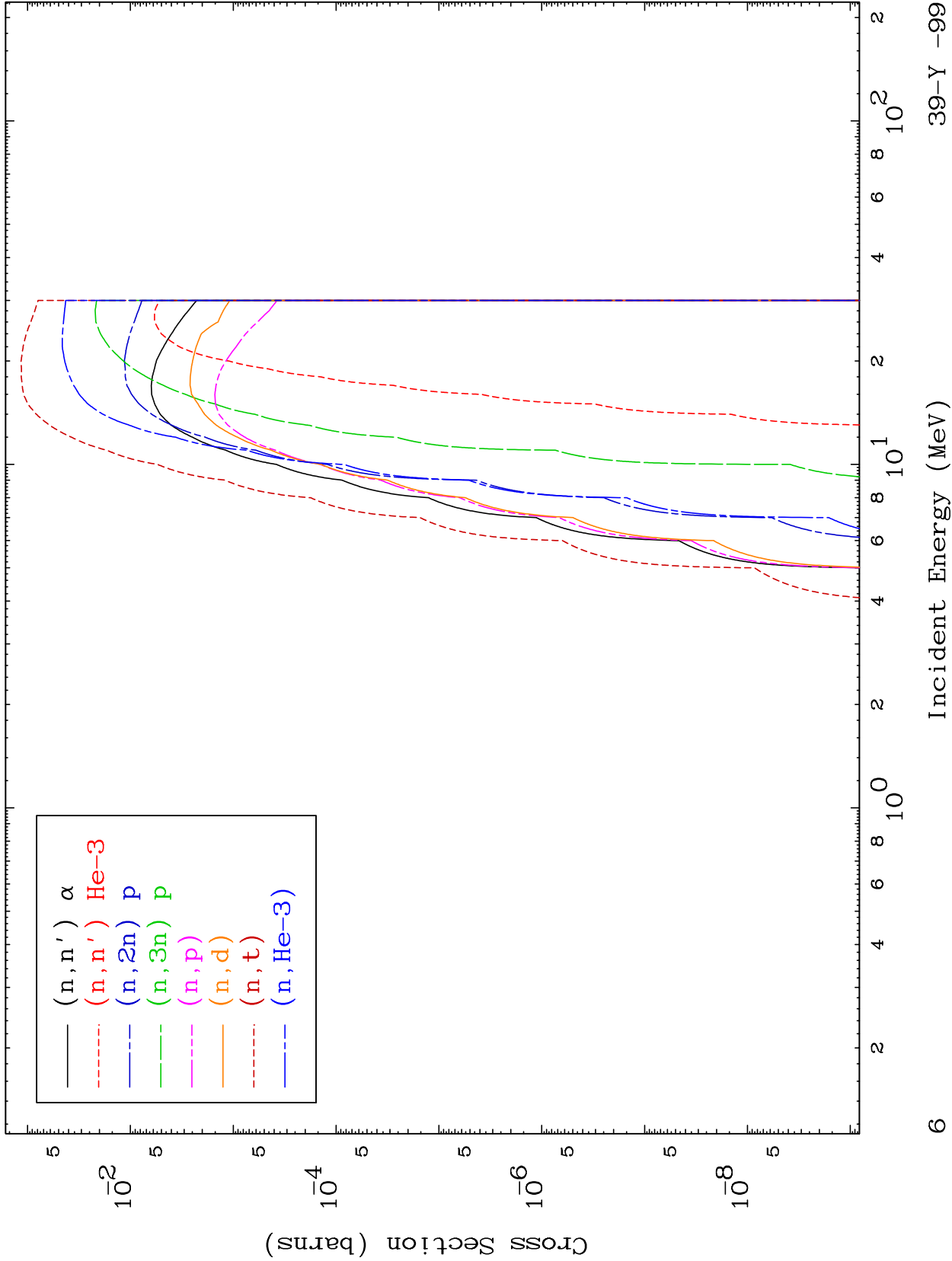
MAT 3955

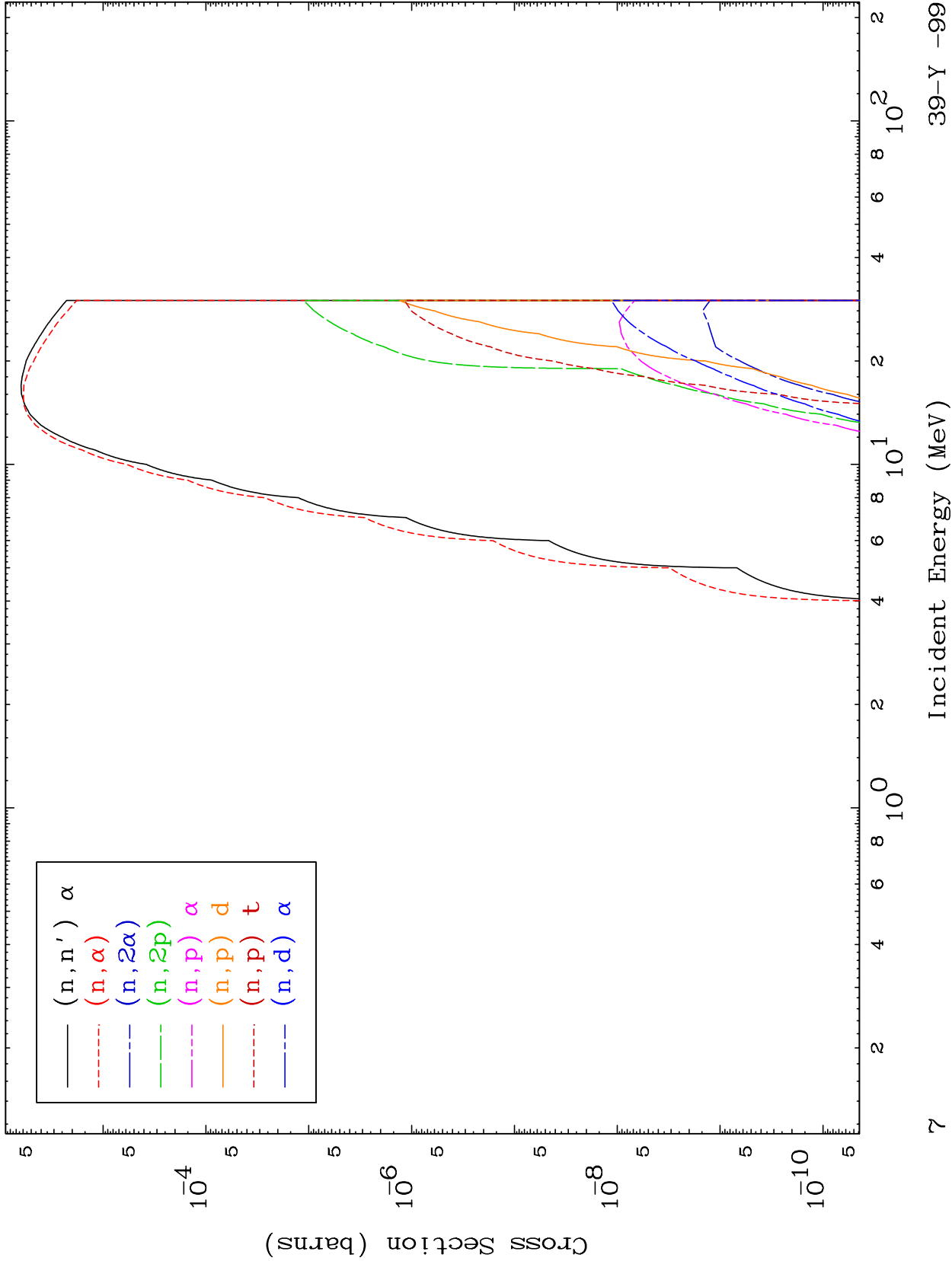
He-3 Neutron Absorption  
0 Kelvin Cross Sections

39-Y -99

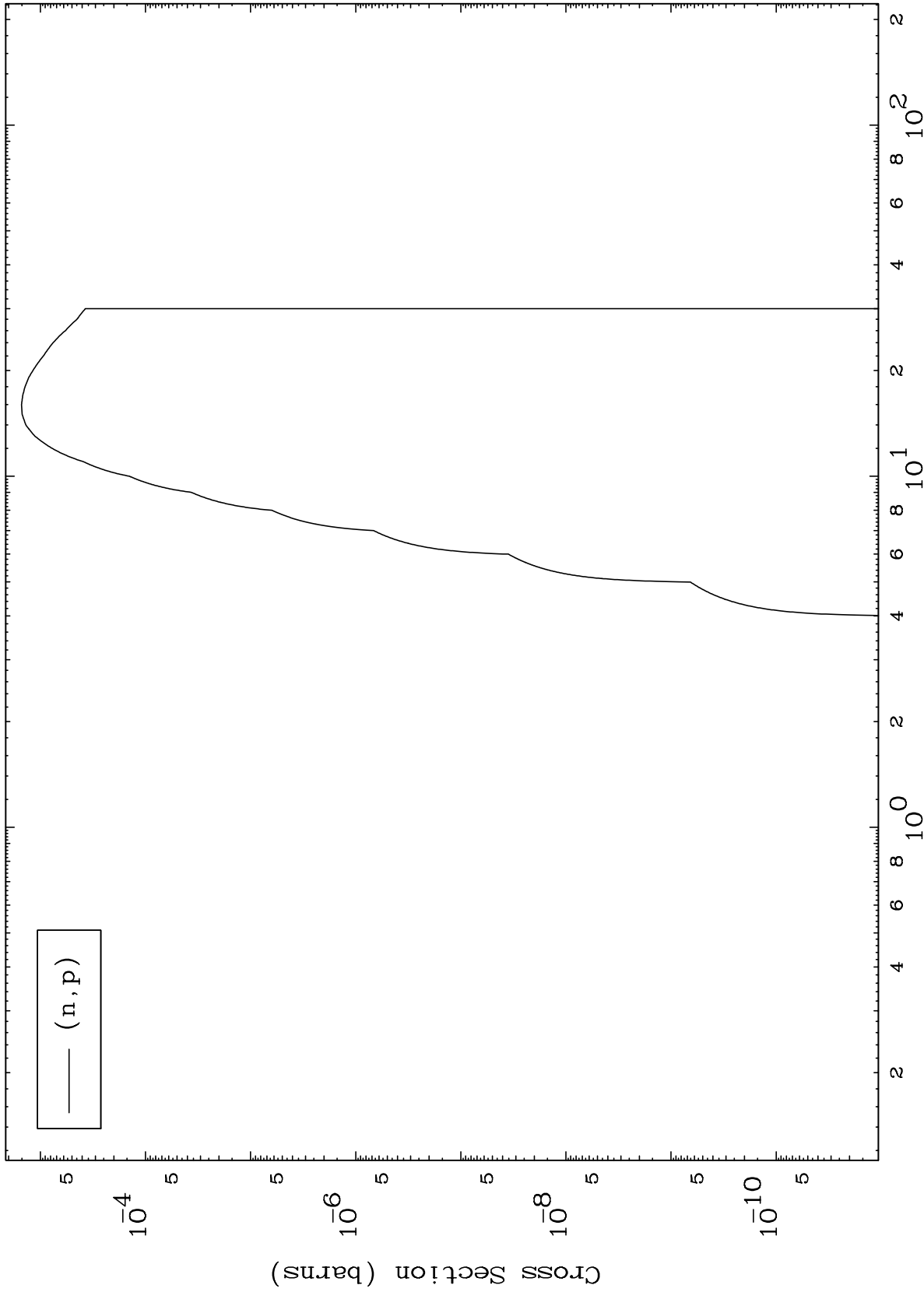




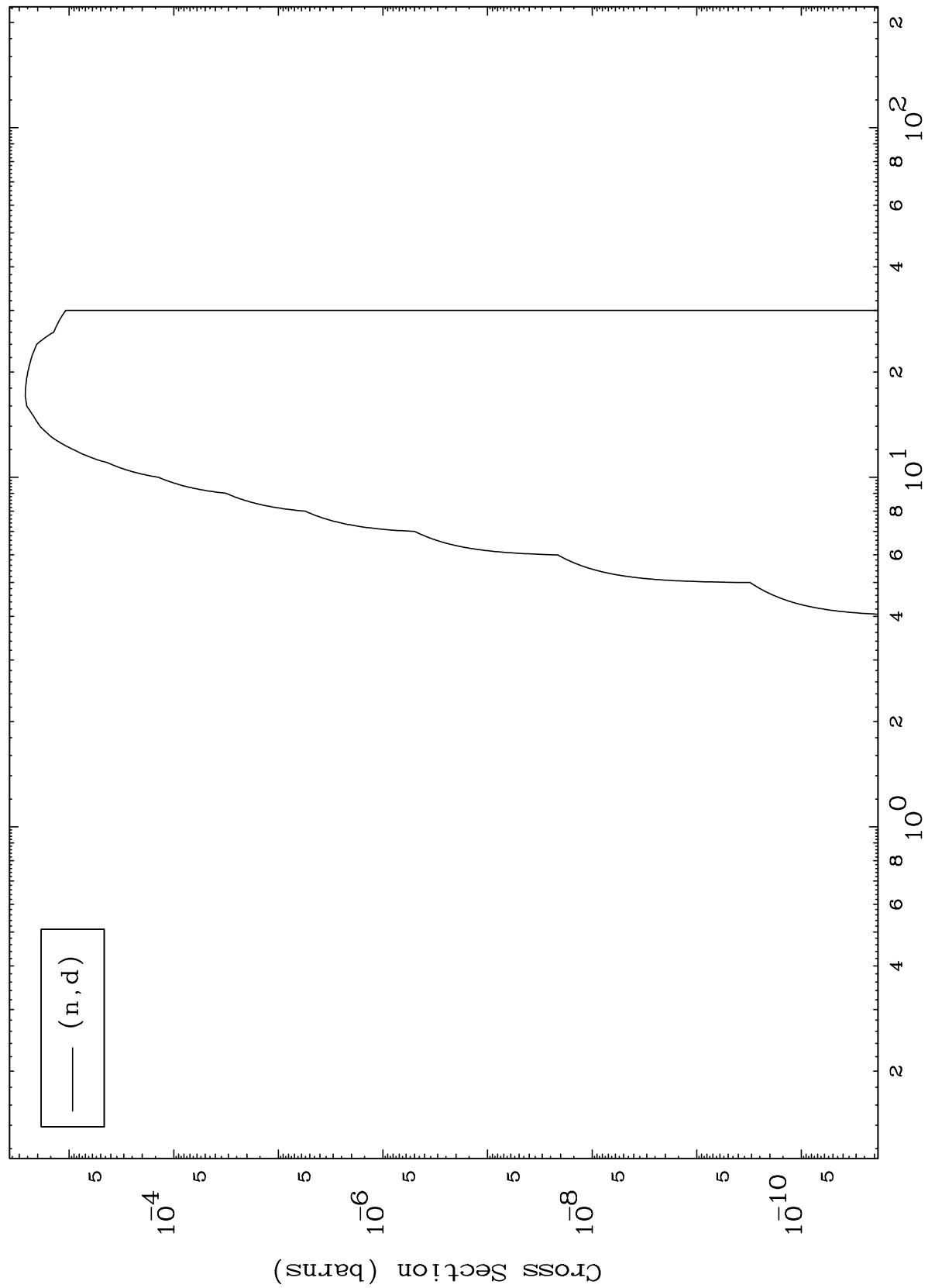








0 Kelvin Cross Sections

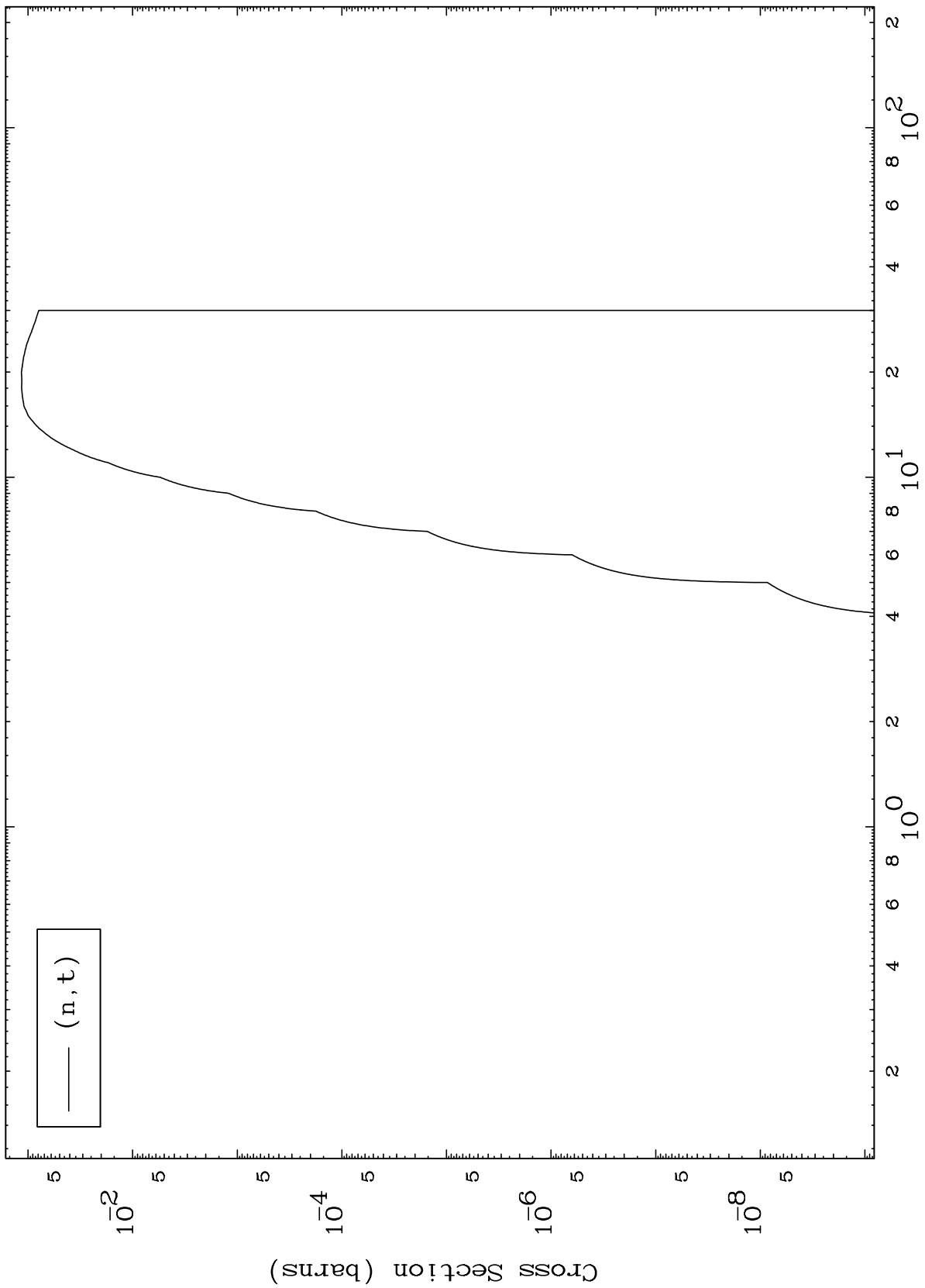


MAT 3955

(He-3,t) Levels

39-Y -99

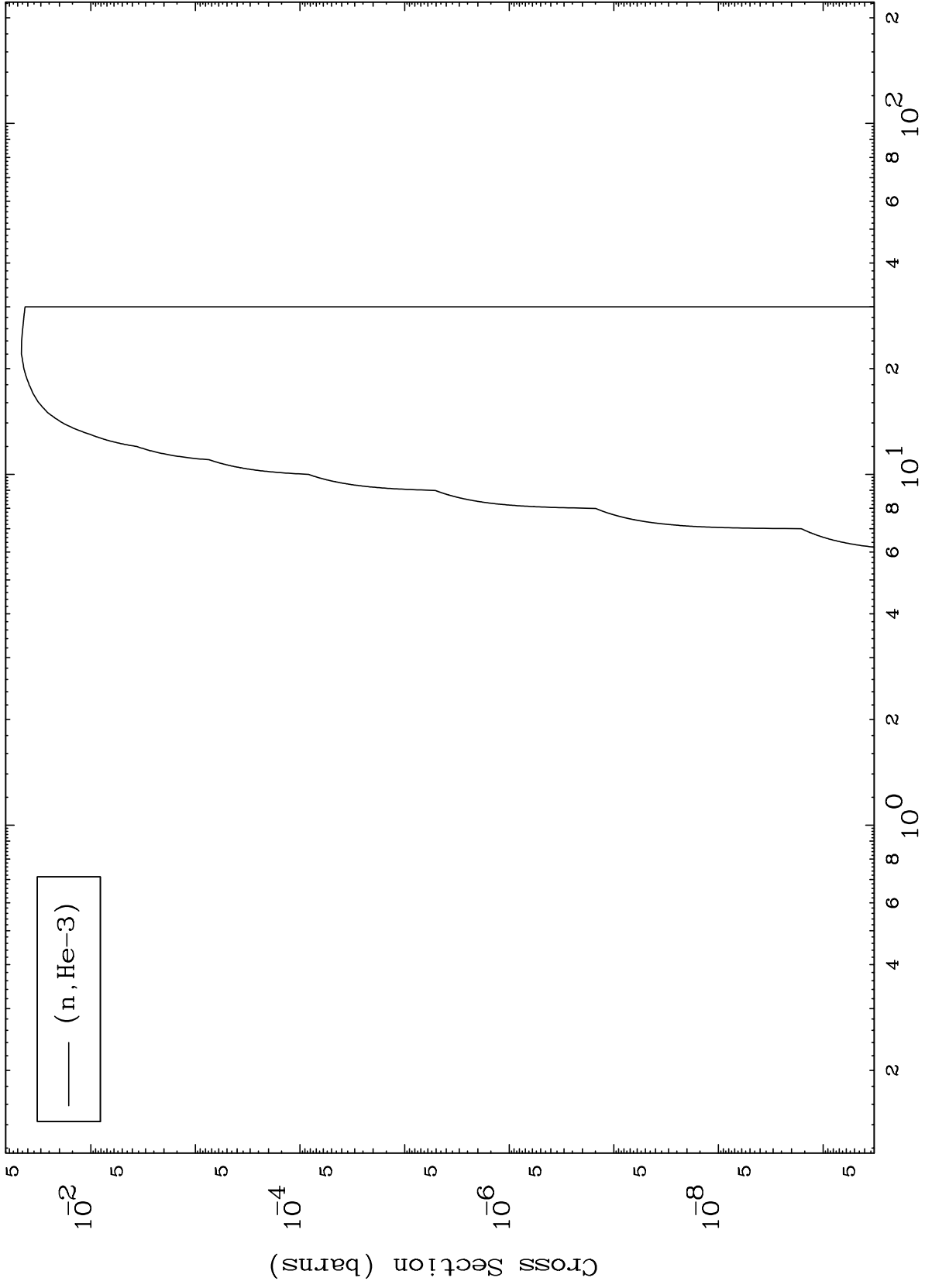
0 Kelvin Cross Sections



10

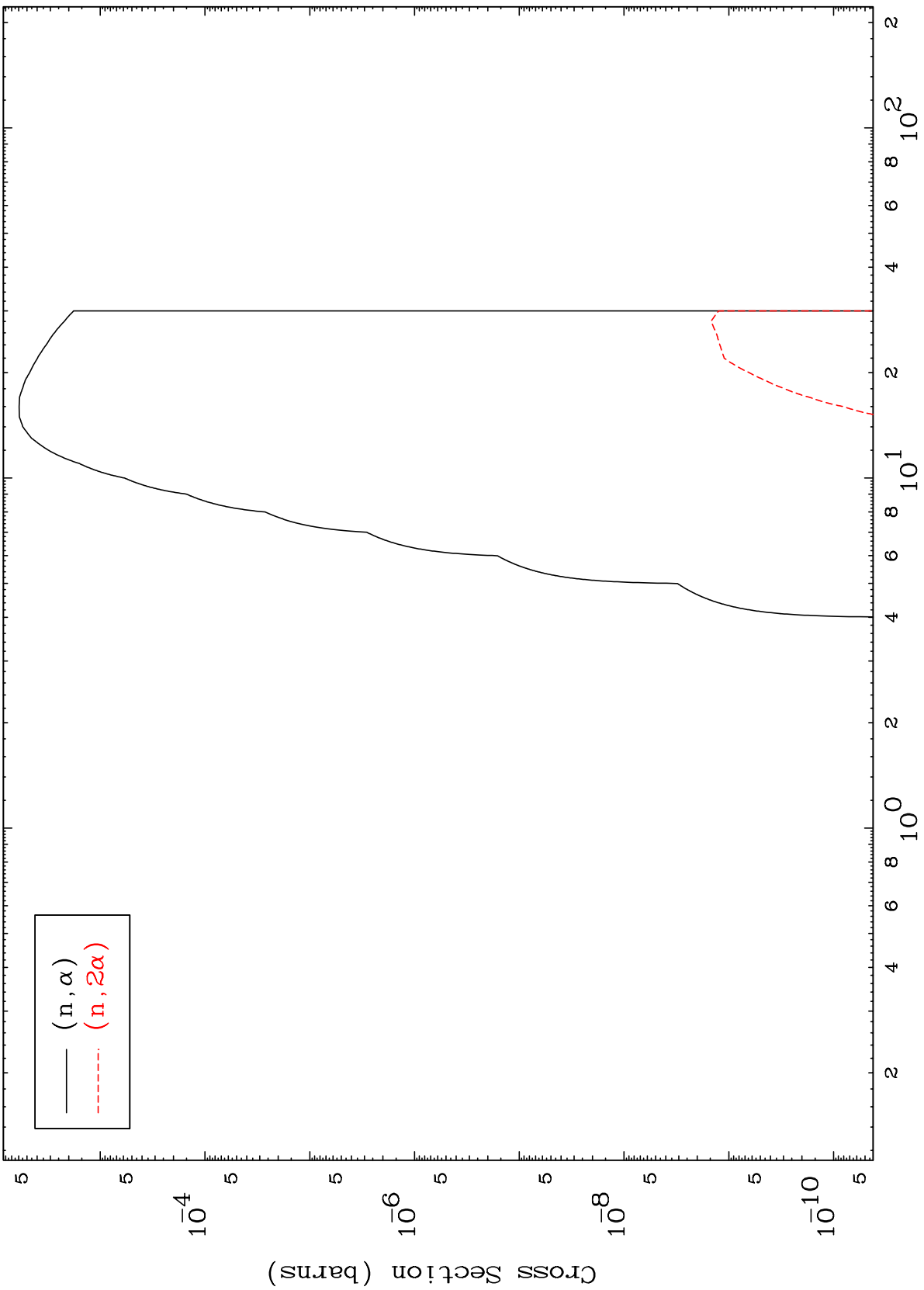
Incident Energy (MeV)

39-Y -99



(n, He-3)

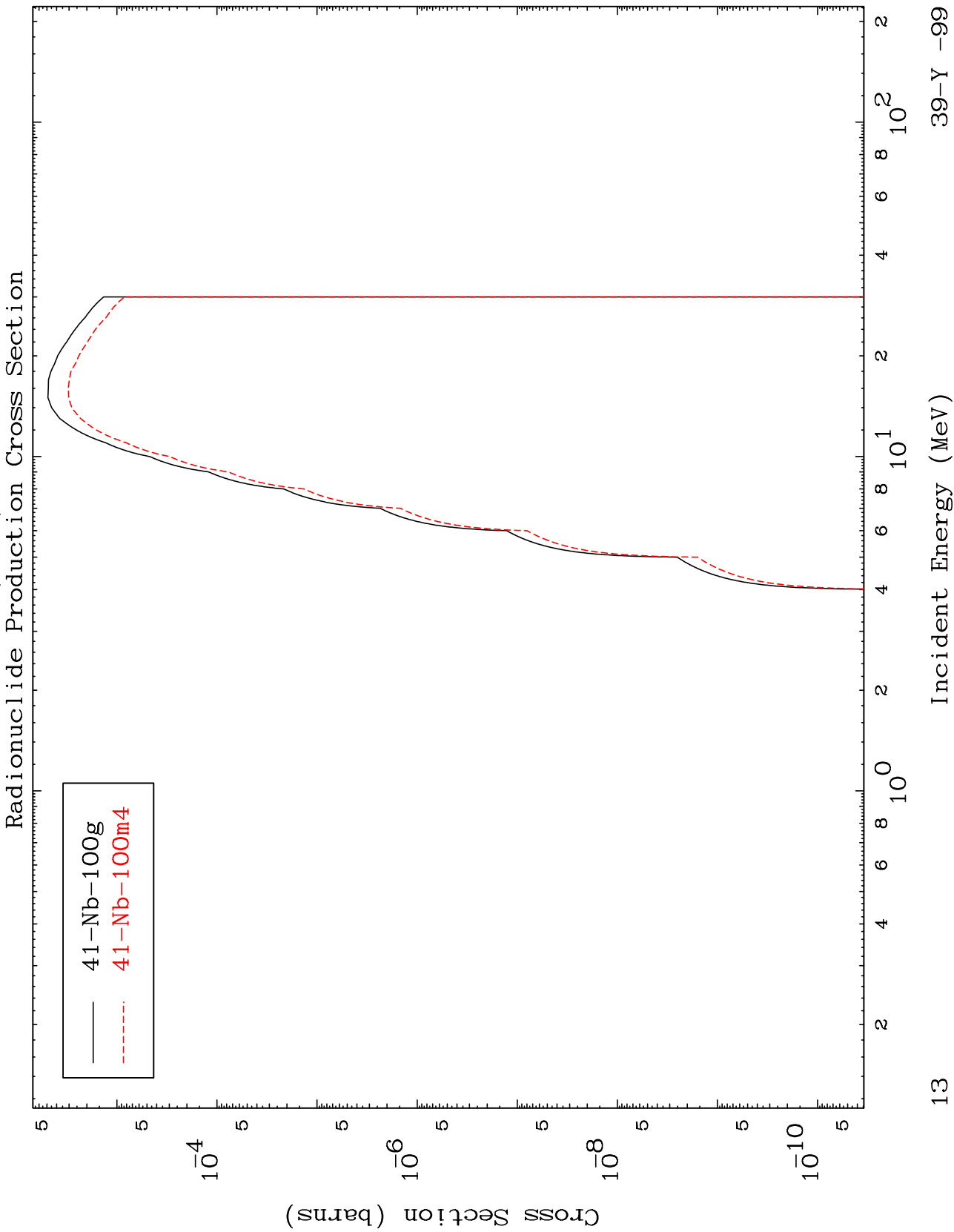
0 Kelvin Cross Sections



—  $(n, \alpha)$   
- - -  $(n, 2\alpha)$

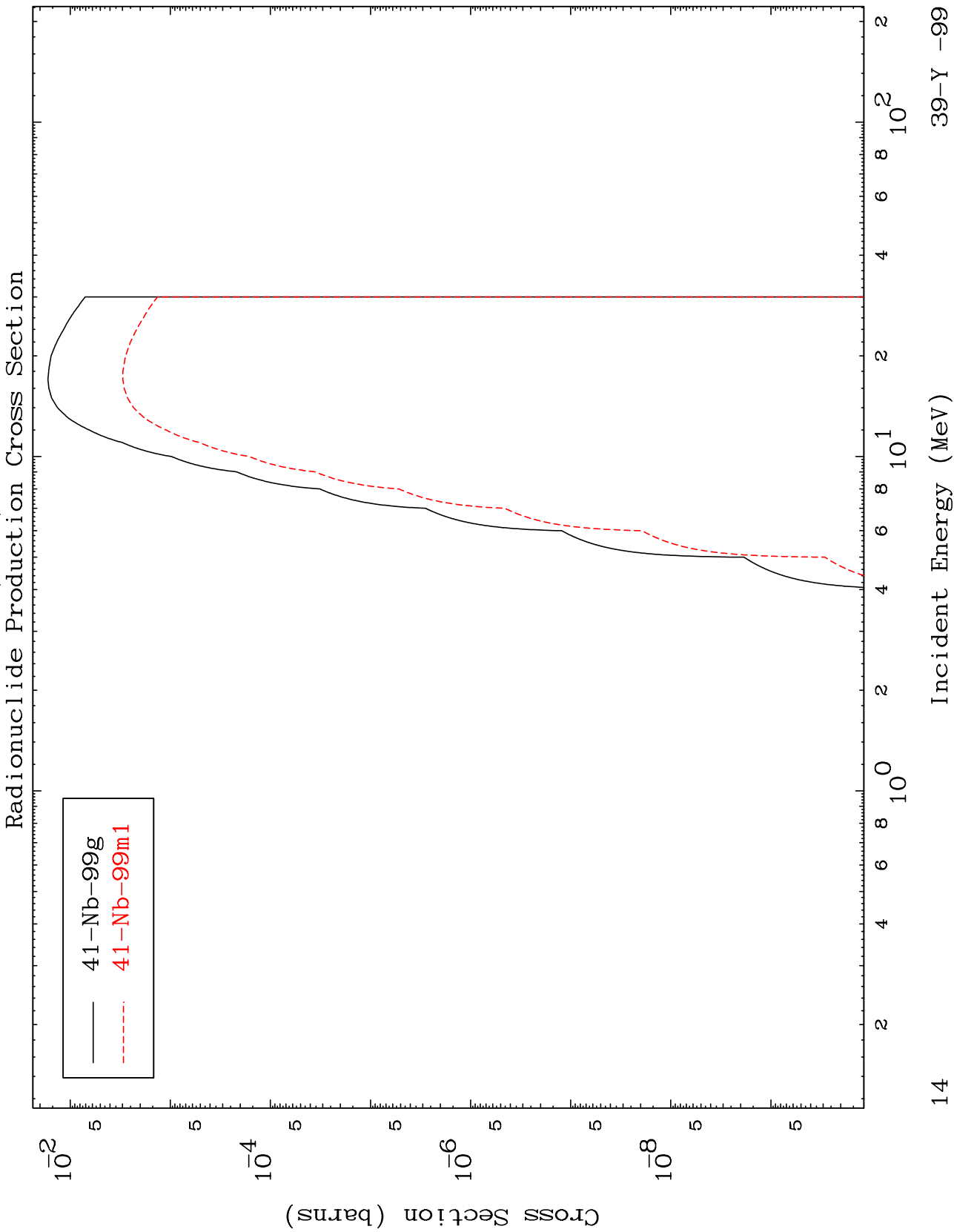
MAT 3955

39-Y -99



MAT 3955

39-Y -99

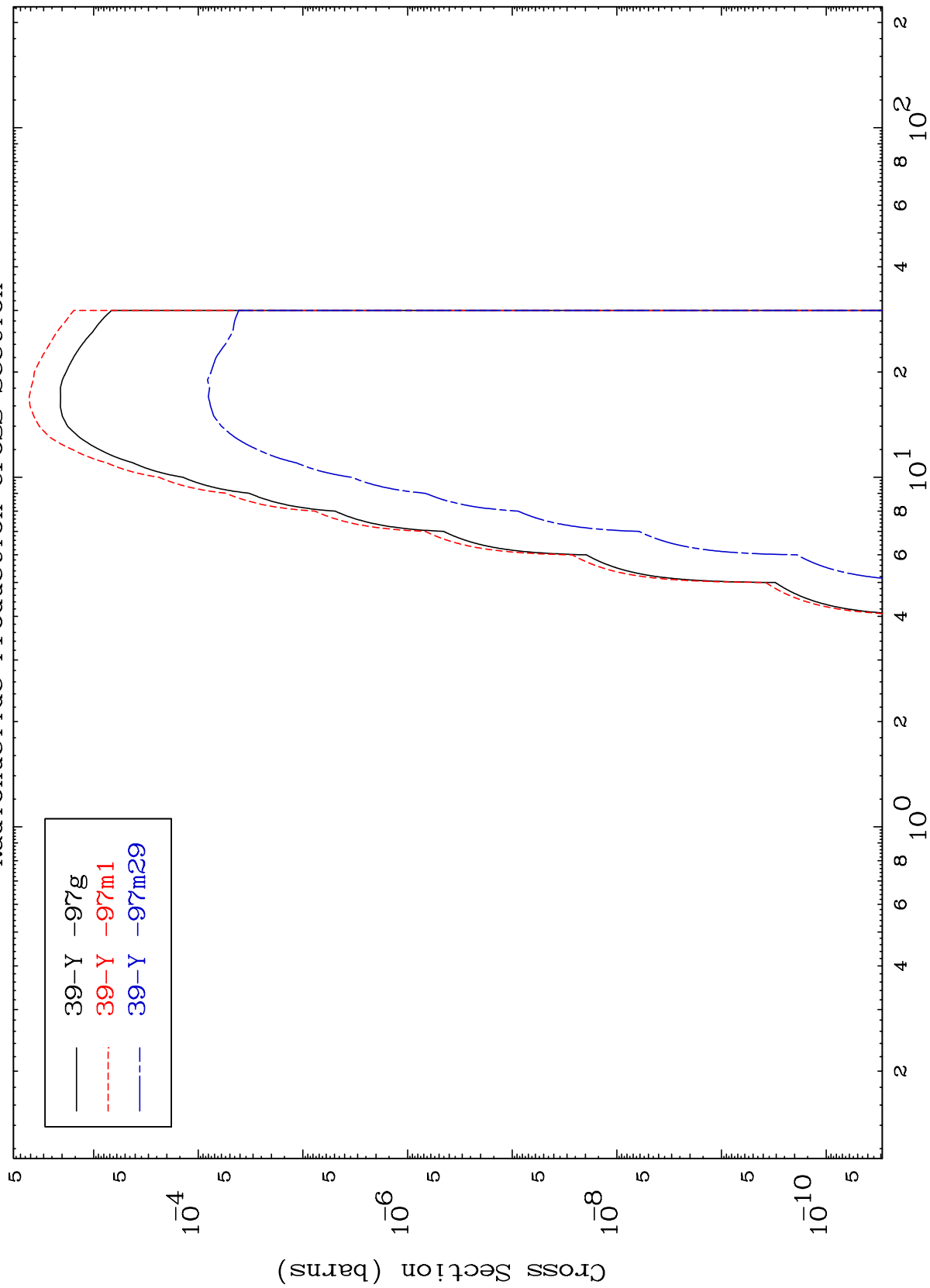


MAT 3955

$(n, n') \alpha$

39-Y -99

Radionuclide Production Cross Section



15

Incident Energy (MeV)

39-Y -99

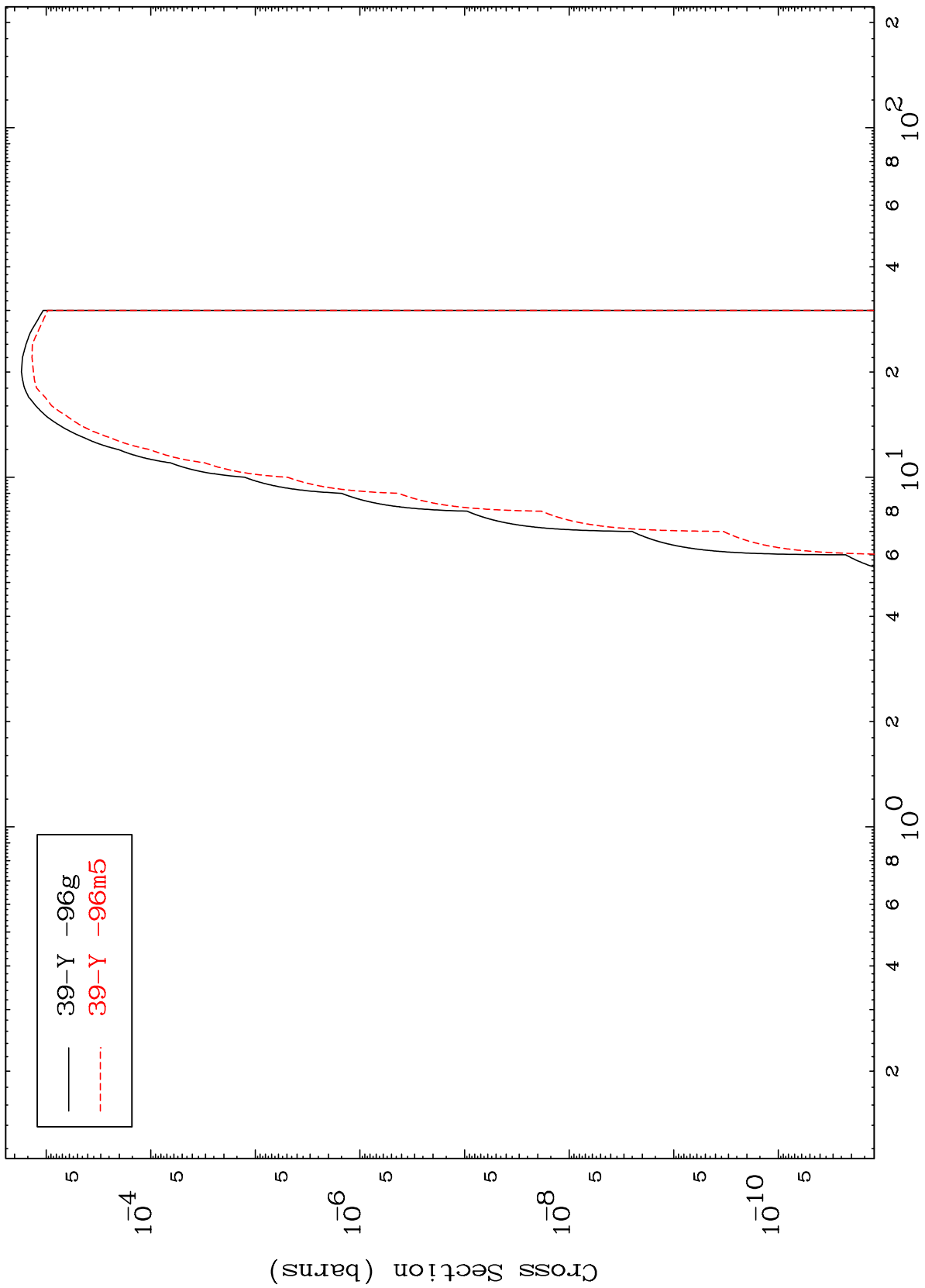


MAT 3955

$^{39}\text{Y}$   $\alpha$

$^{39}\text{Y}$  -99

Radionuclide Production Cross Section

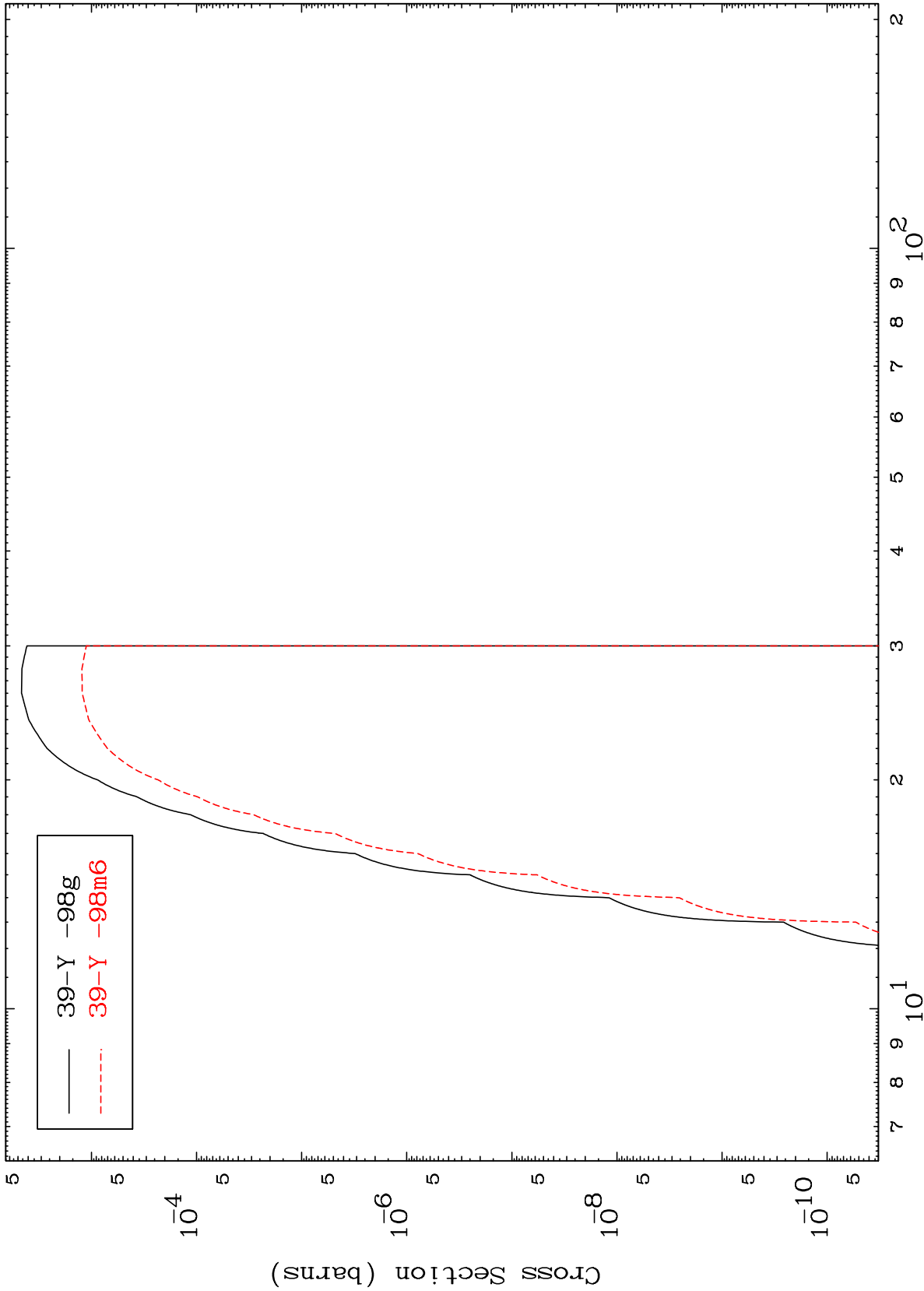


MAT 3955

(n,n') He-3

39-Y -99

Radionuclide Production Cross Section



17

Incident Energy (MeV)

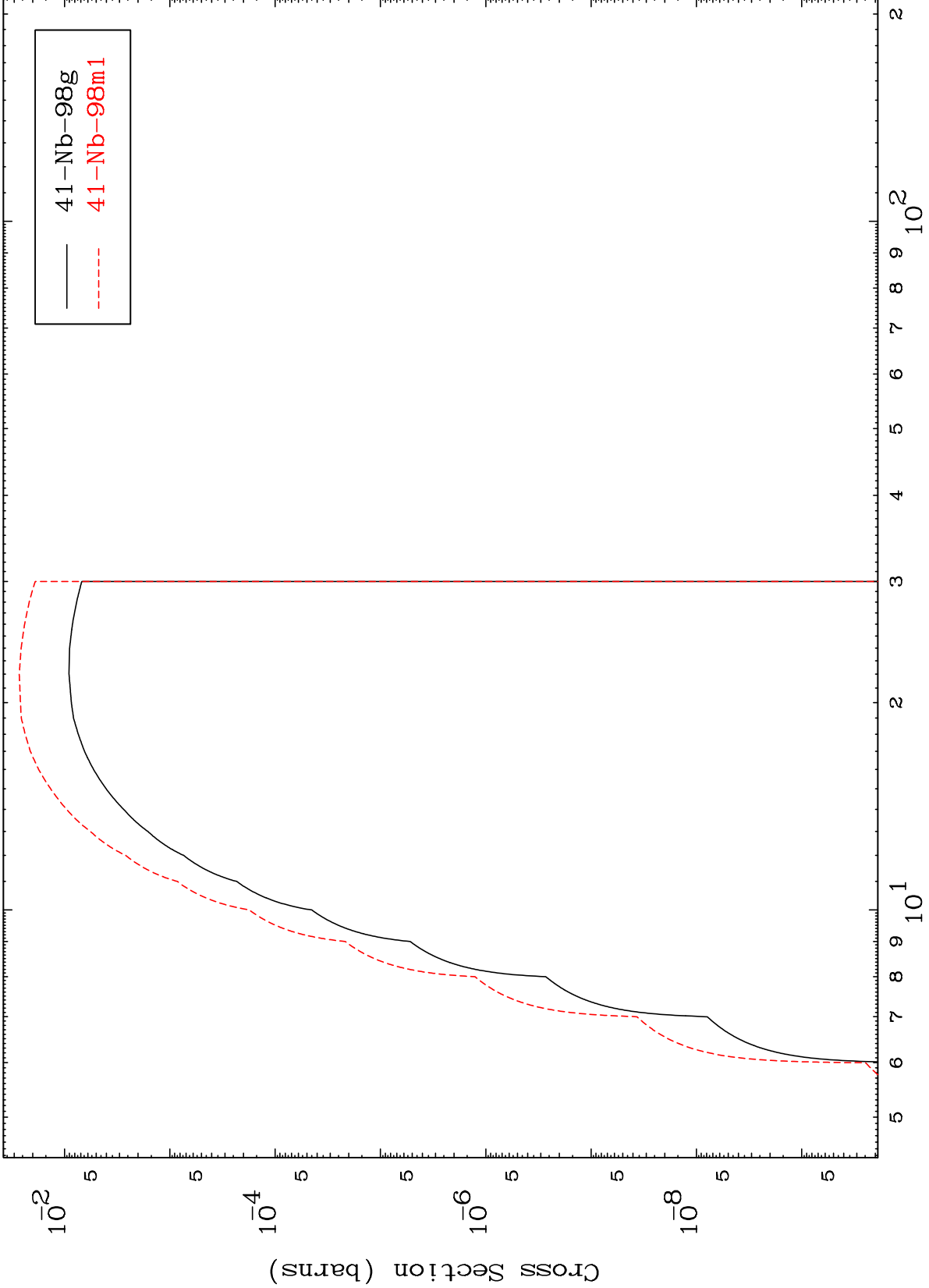
39-Y -99

MAT 3955

(n,4n)

39-Y -99

Radionuclide Production Cross Section



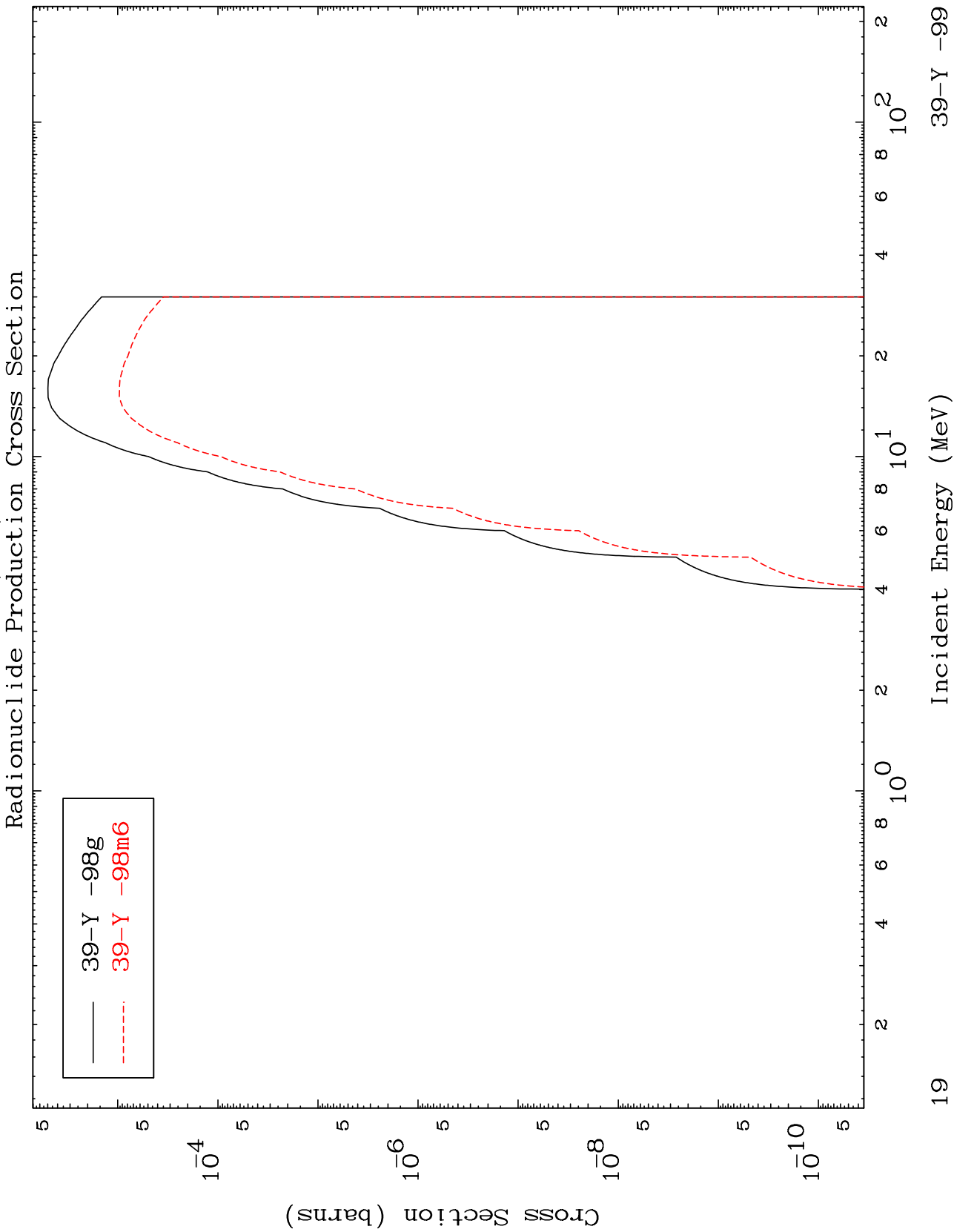
18

Incident Energy (MeV)

39-Y -99

MAT 3955

39-Y -99



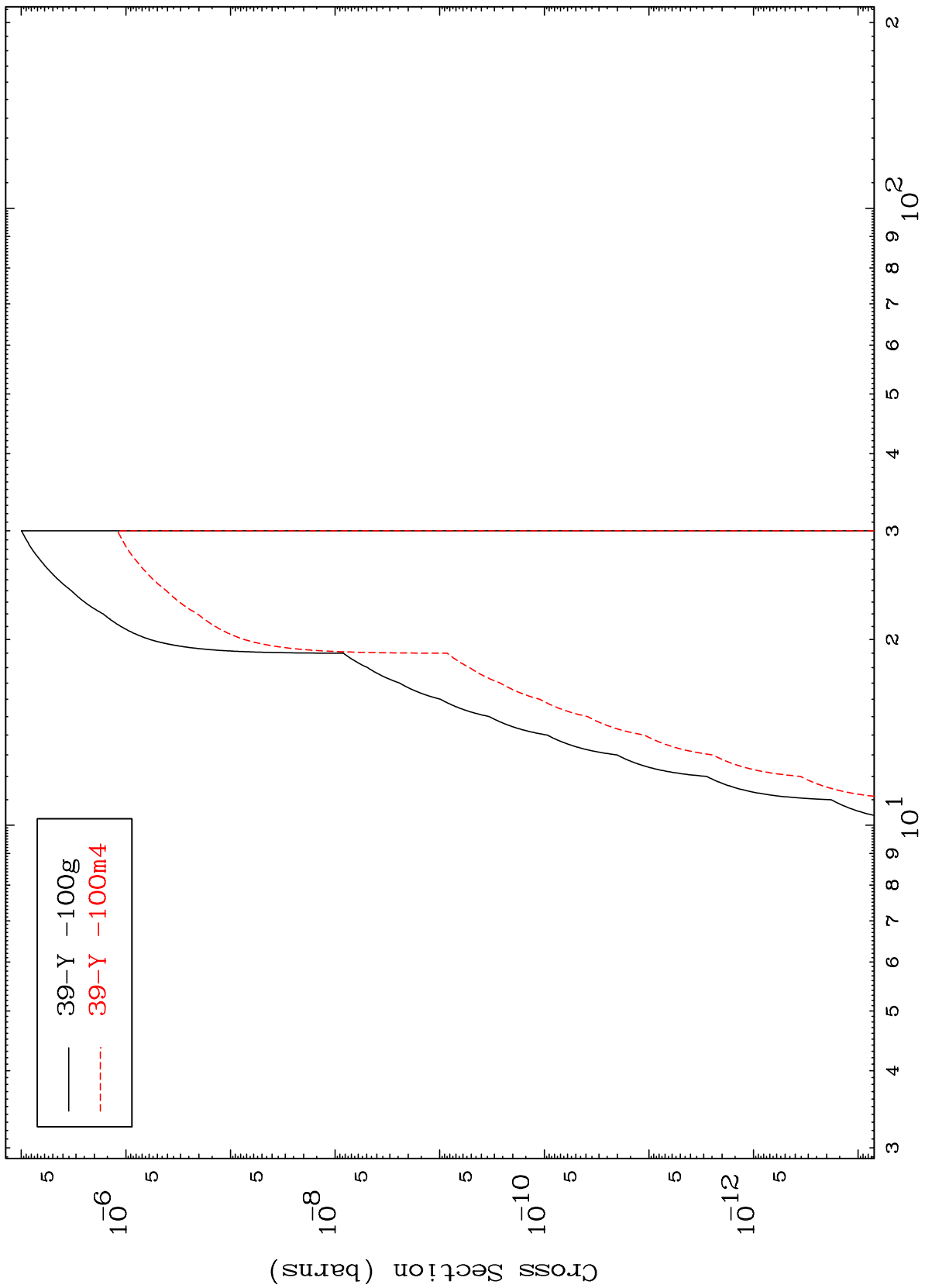
19

39-Y -99

MAT 3955

39-Y -99

(n,2p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -99

MAT 3955

(n,p) t

39-Y -99

Radionuclide Production Cross Section

