

Program EVALPLOT  
(Version 2021-1)

by

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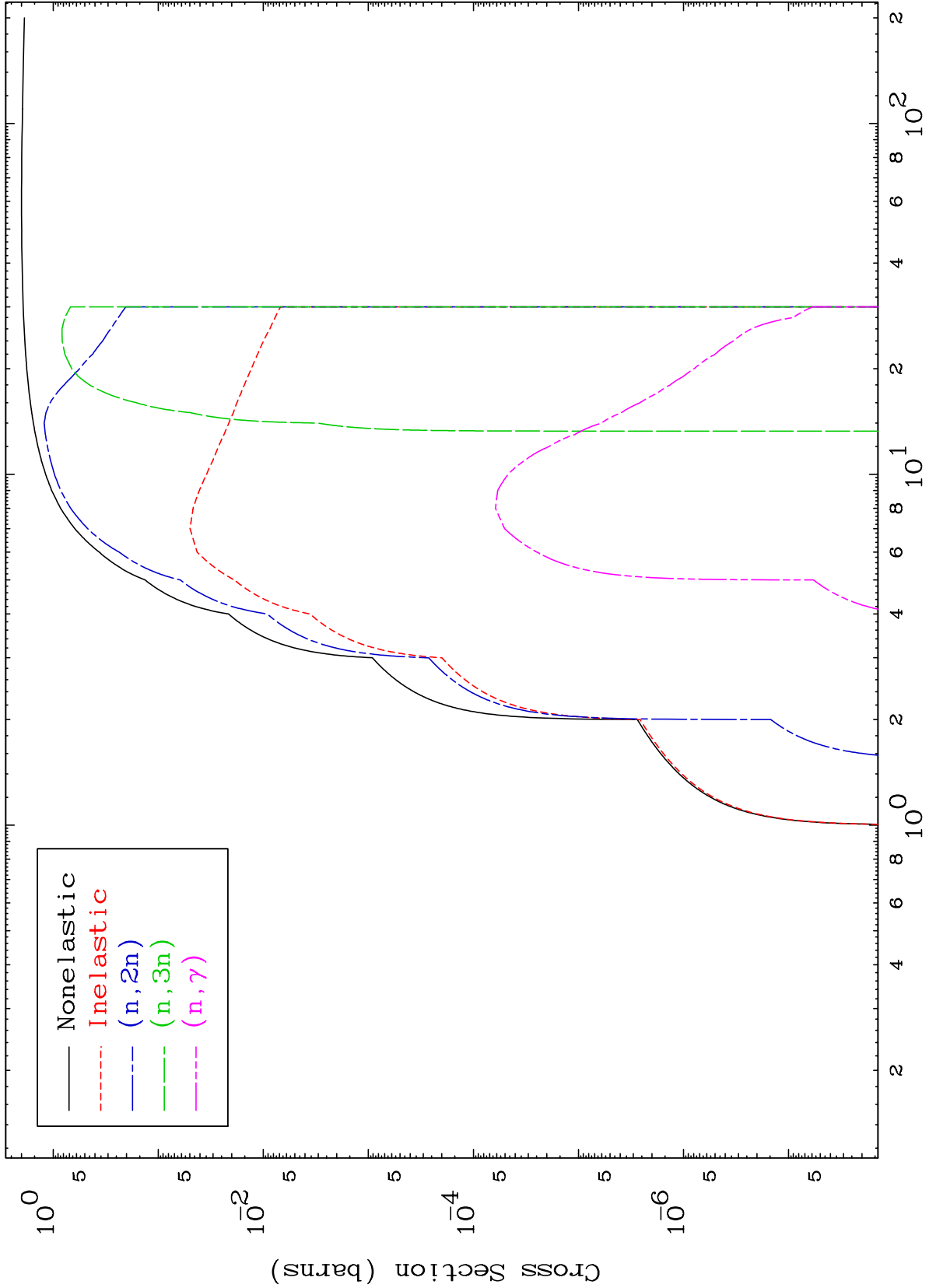
Press Mouse Button to Start

MAT 3840

Deuteron Major

38-Sr-89

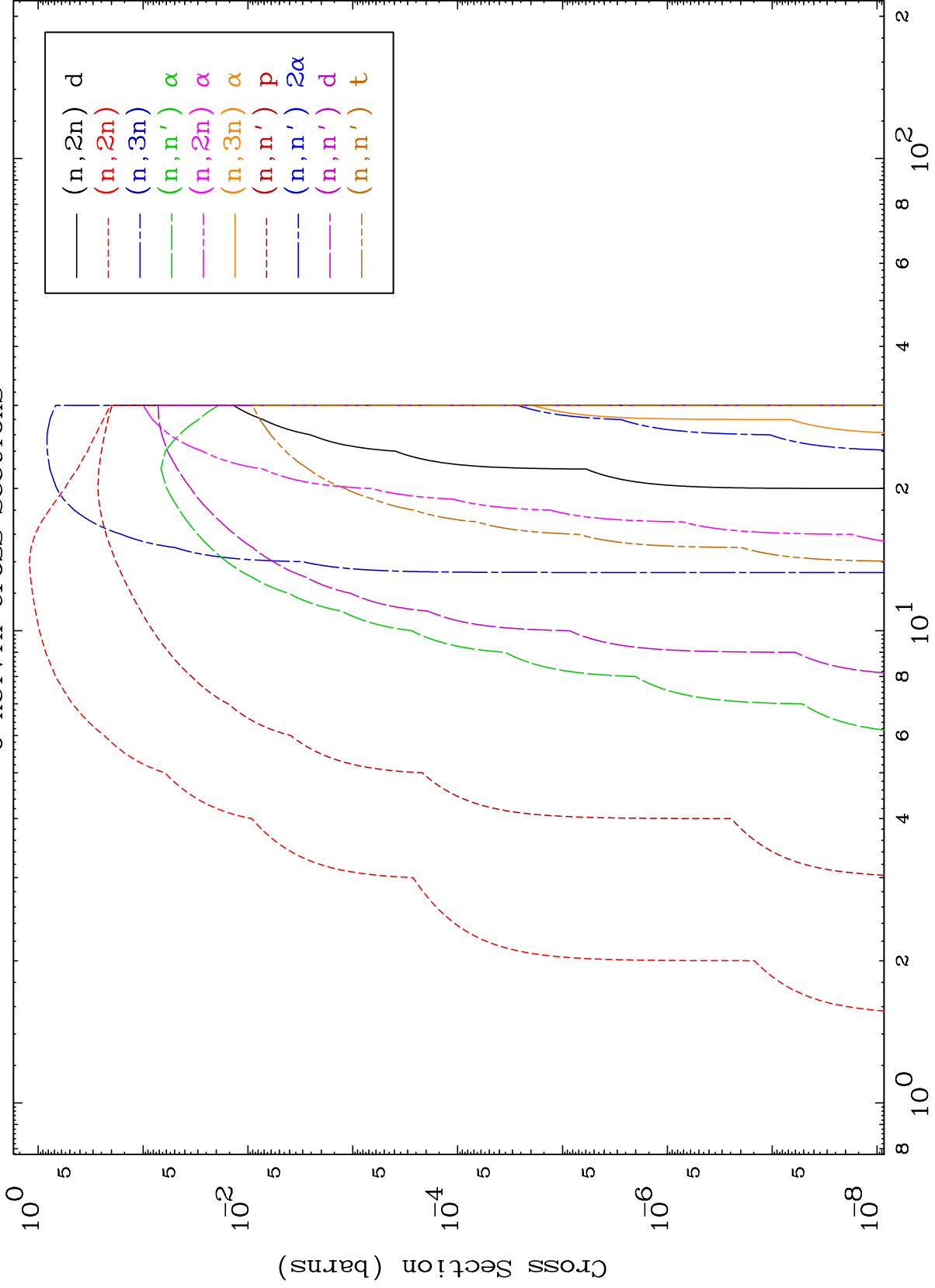
0 Kelvin Cross Sections



MAT 3840

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

38-Sr-89



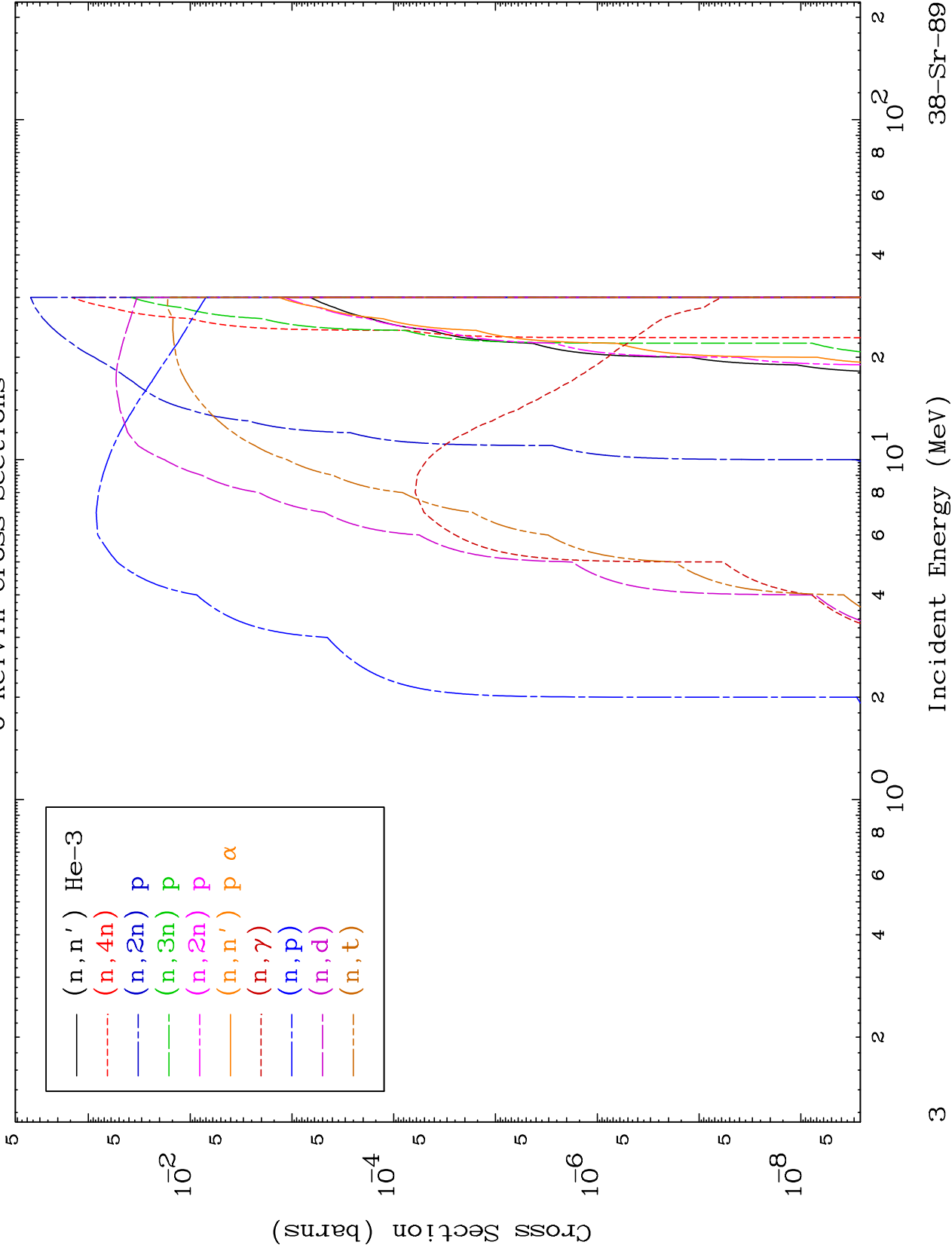
Incident Energy (MeV)

38-Sr-89

MAT 3840

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

38-Sr-89



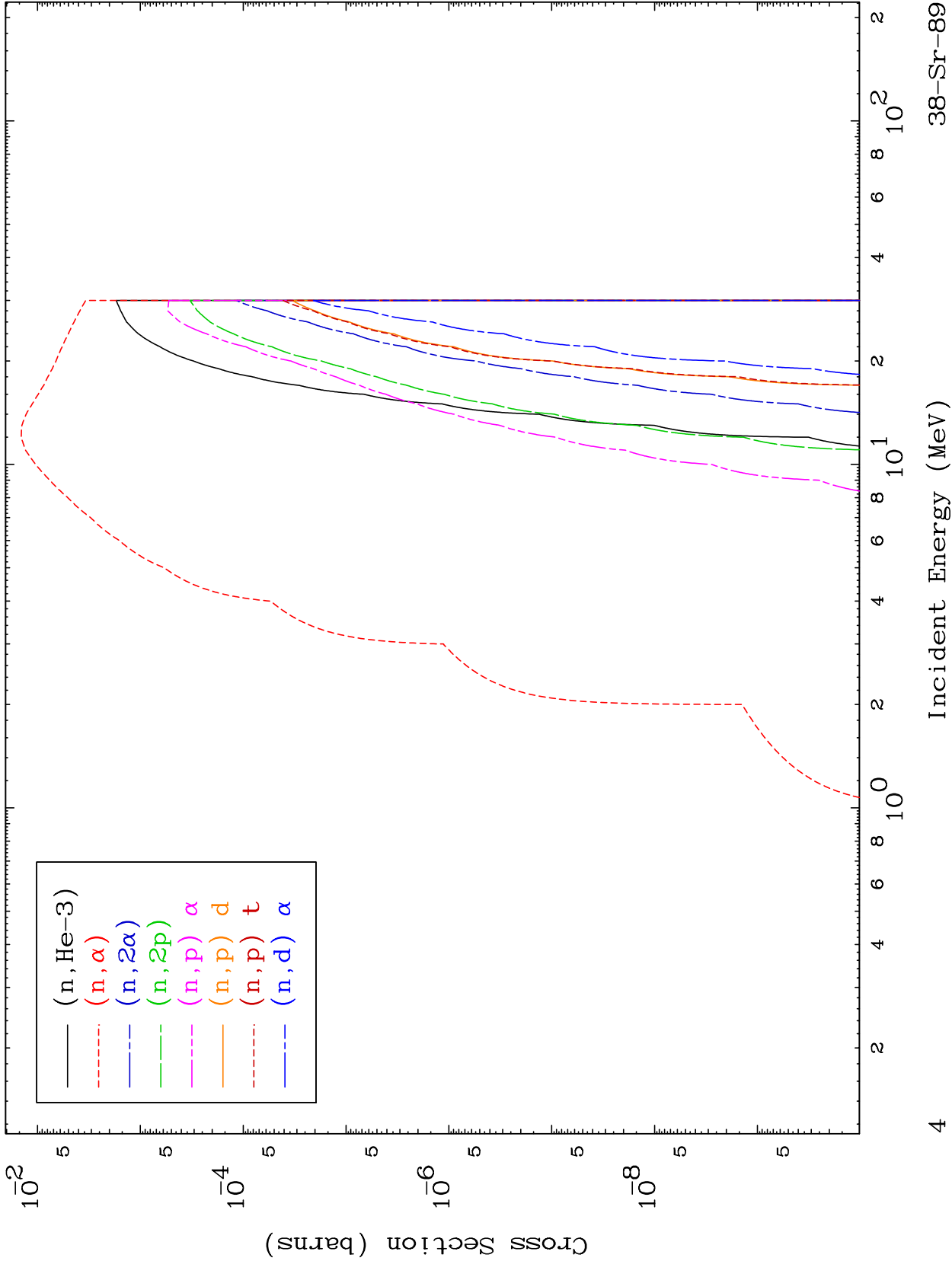
38-Sr-89

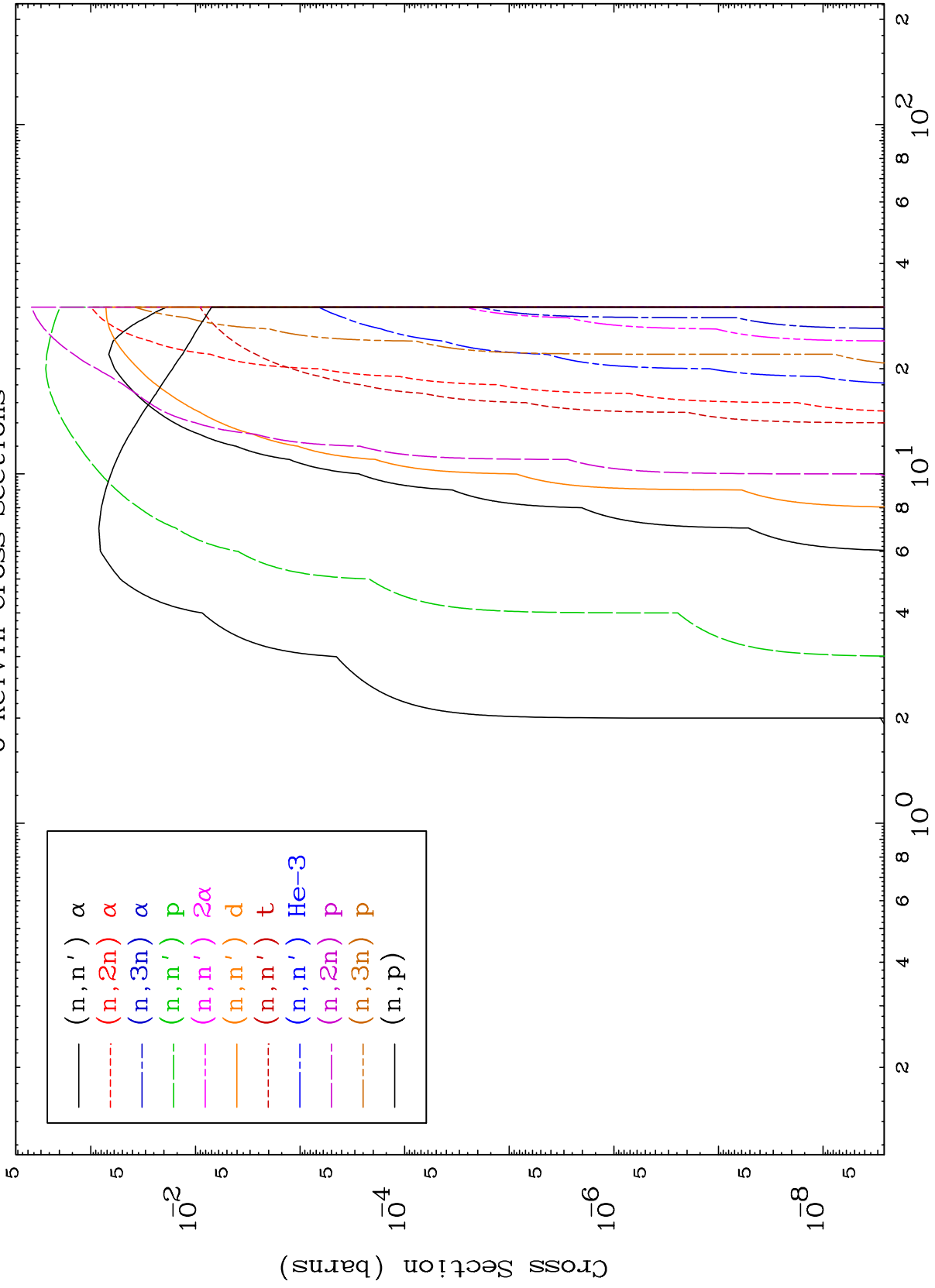
Incident Energy (MeV)

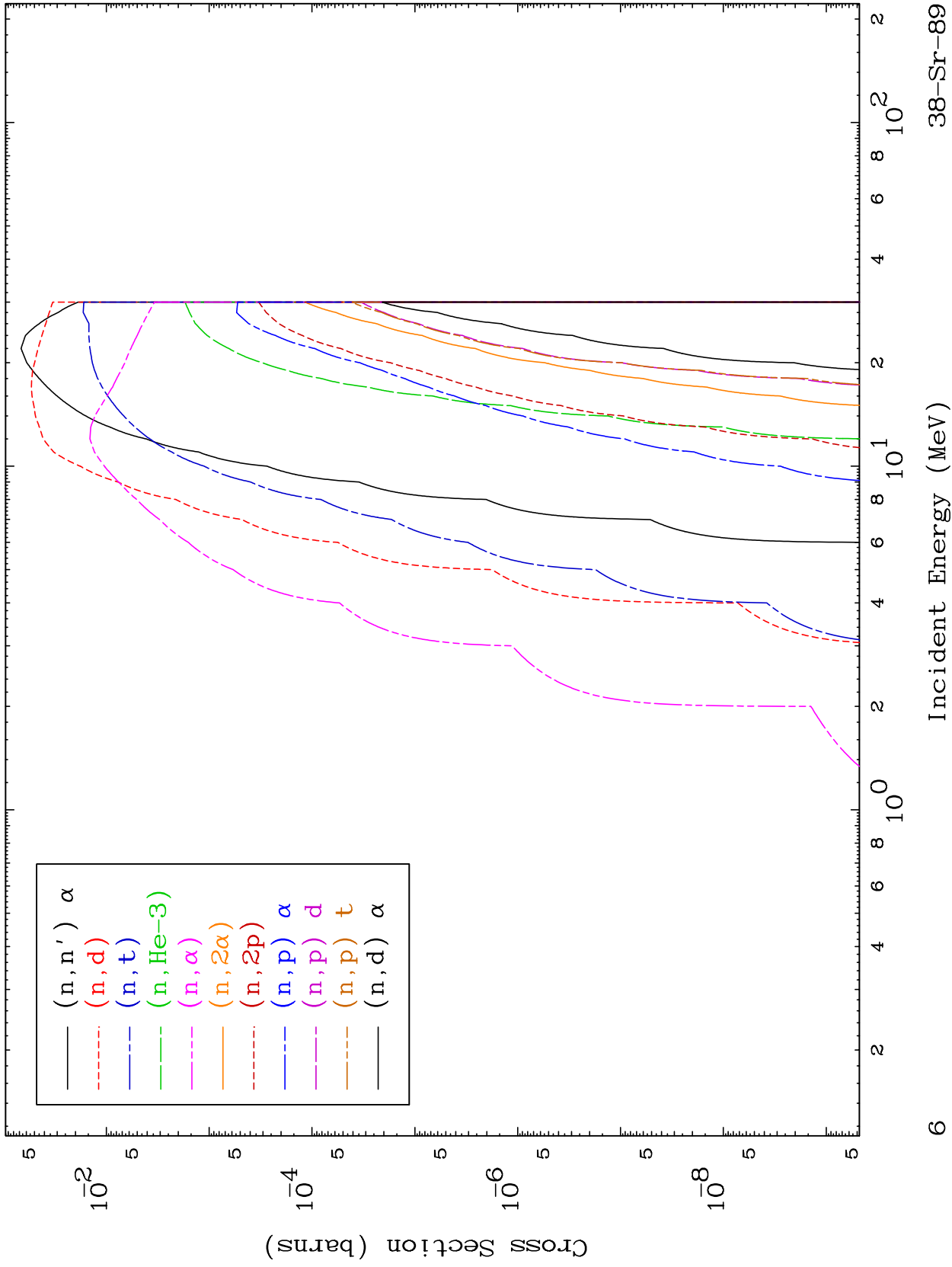
MAT 3840

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

38-Sr-89



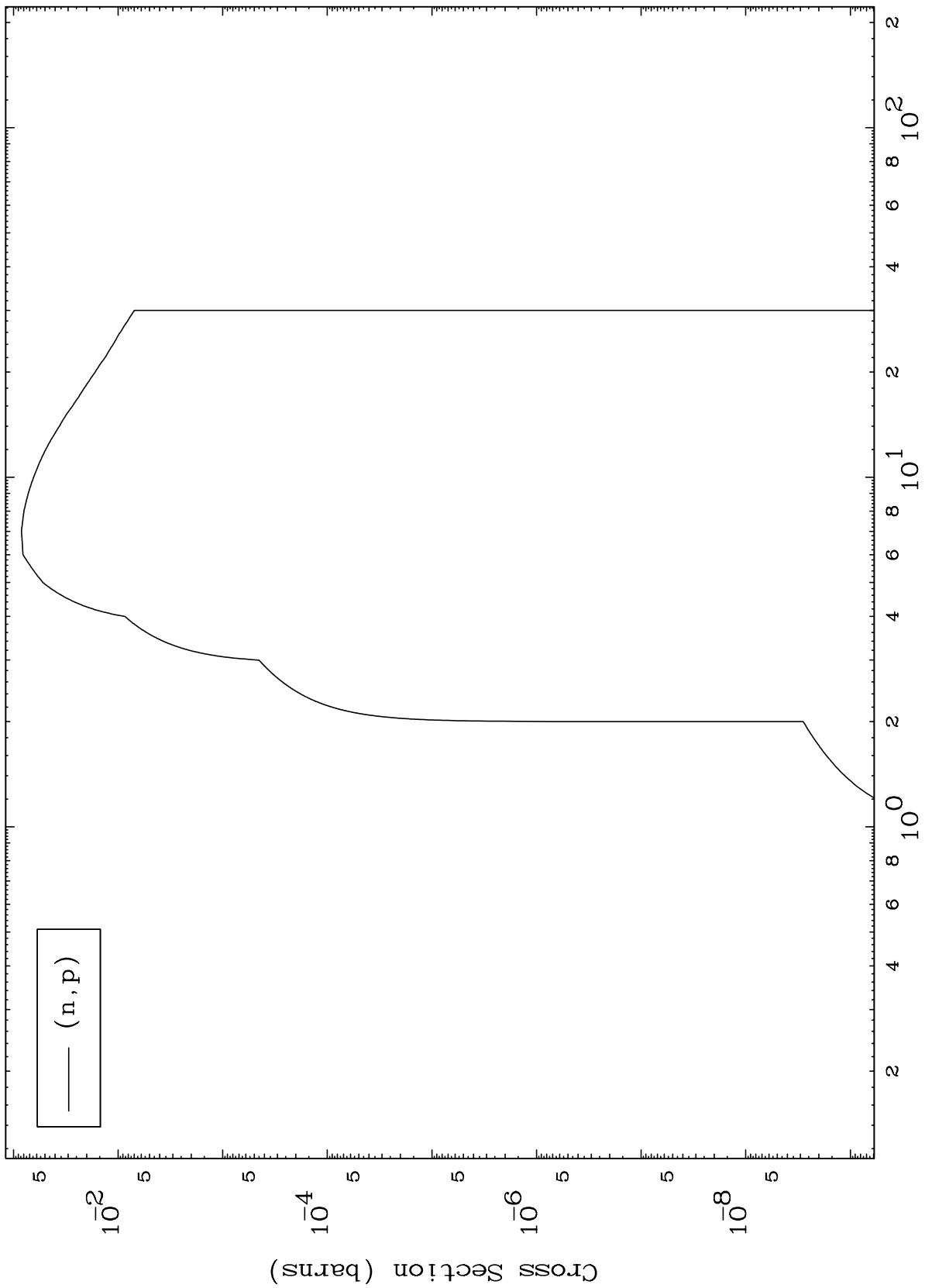




MAT 3840

38-Sr-89

(d,p) Levels  
0 Kelvin Cross Sections



38-Sr-89

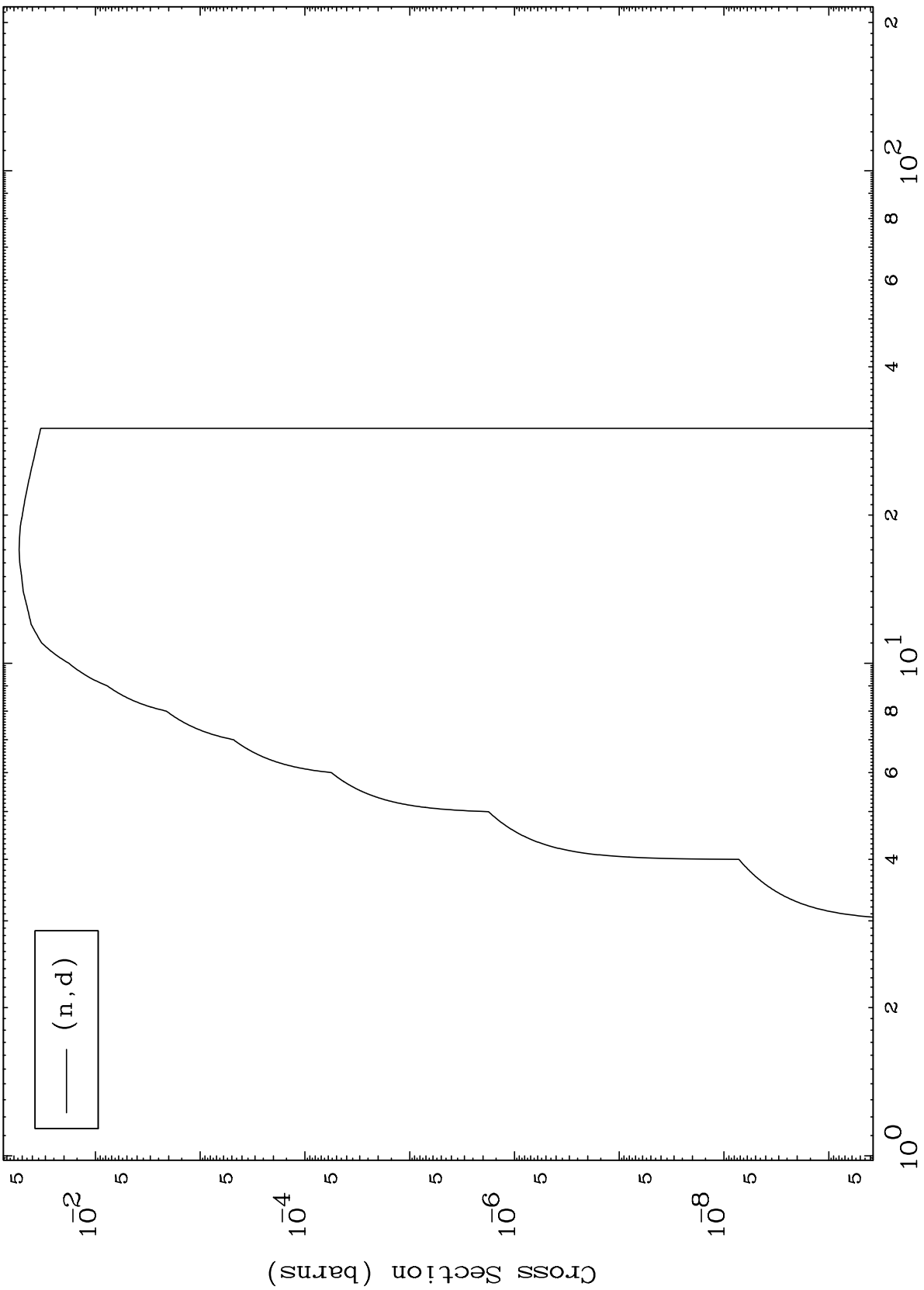
Incident Energy (MeV)



MAT 3840

38-Sr-89

(d,d) Levels  
0 Kelvin Cross Sections



(n,d)

38-Sr-89

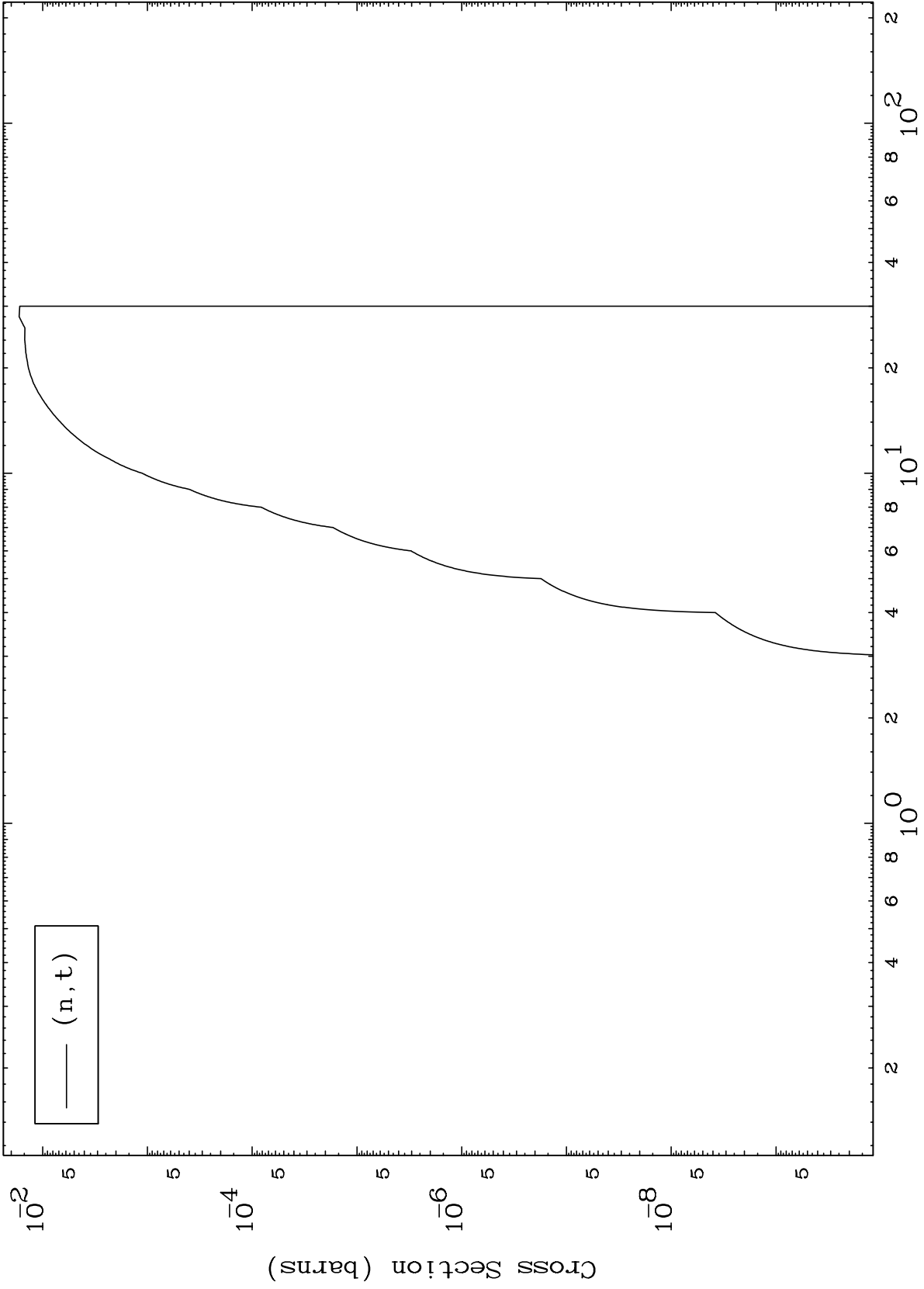
Incident Energy (MeV)

MAT 3840

(d, t) Levels

38-Sr-89

0 Kelvin Cross Sections

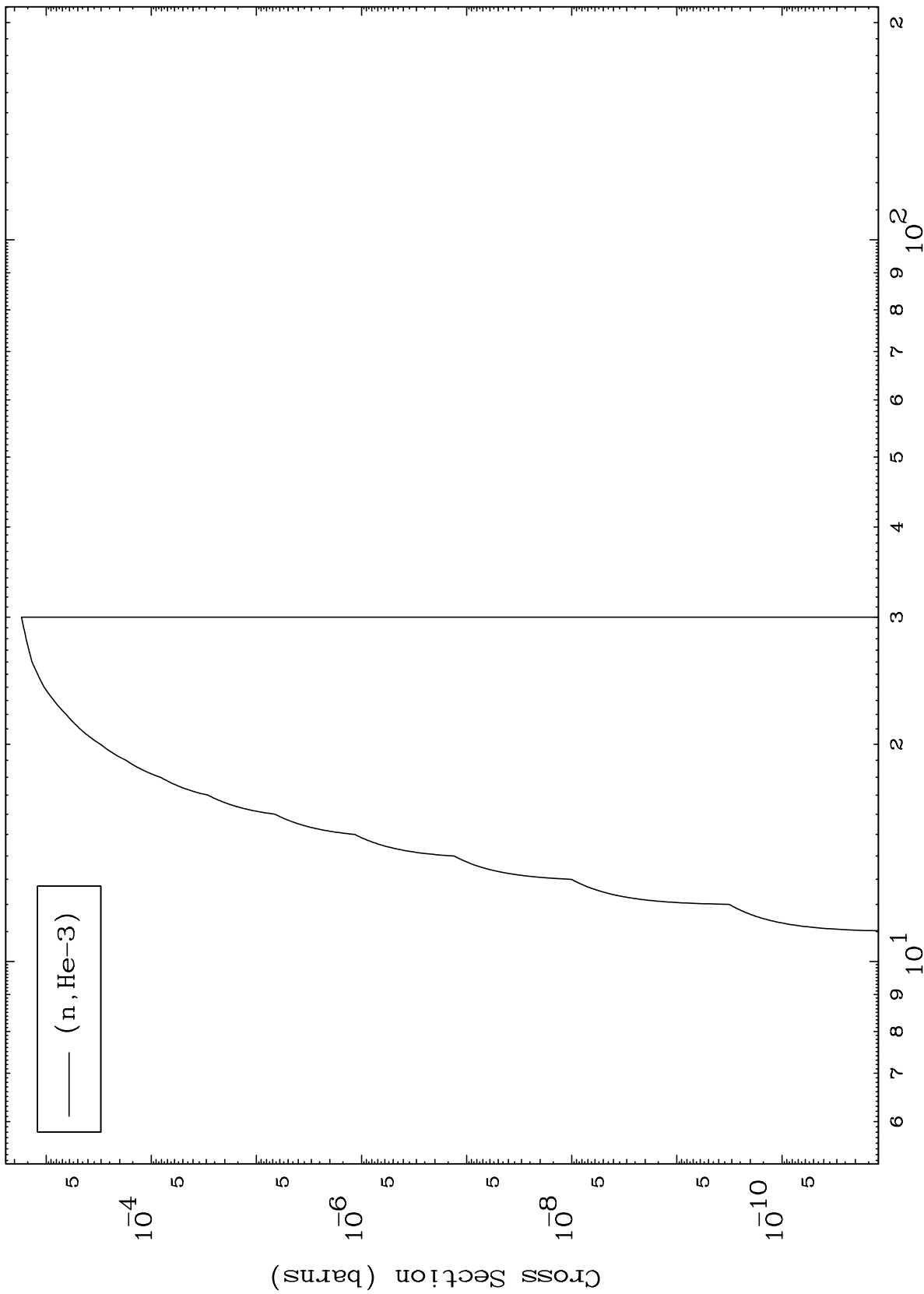


(n, t)

MAT 3840

38-Sr-89

(d,He3) Levels  
0 Kelvin Cross Sections



38-Sr-89

Incident Energy (MeV)

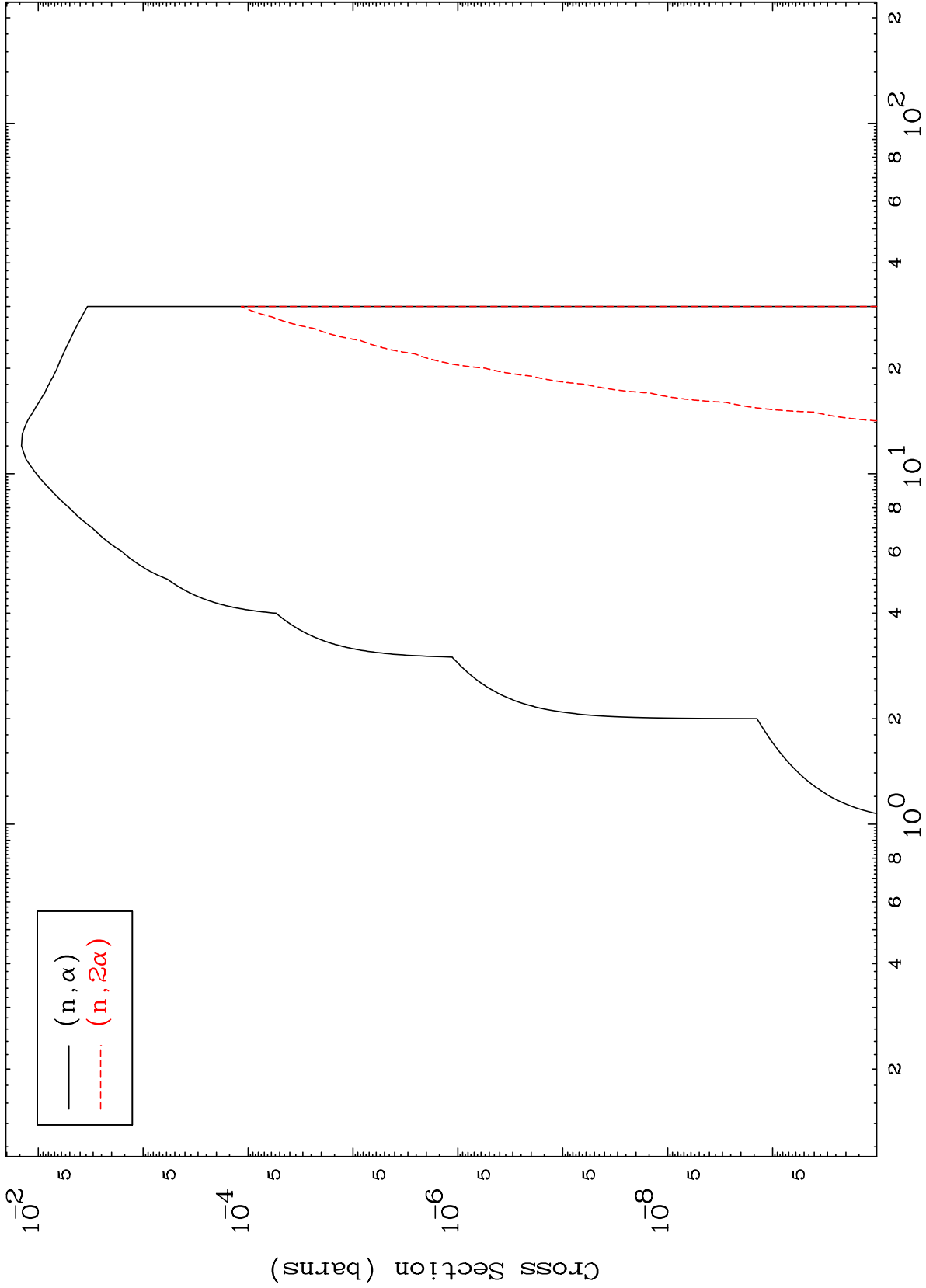
10

MAT 3840

(d,  $\alpha$ ) Levels

38-Sr-89

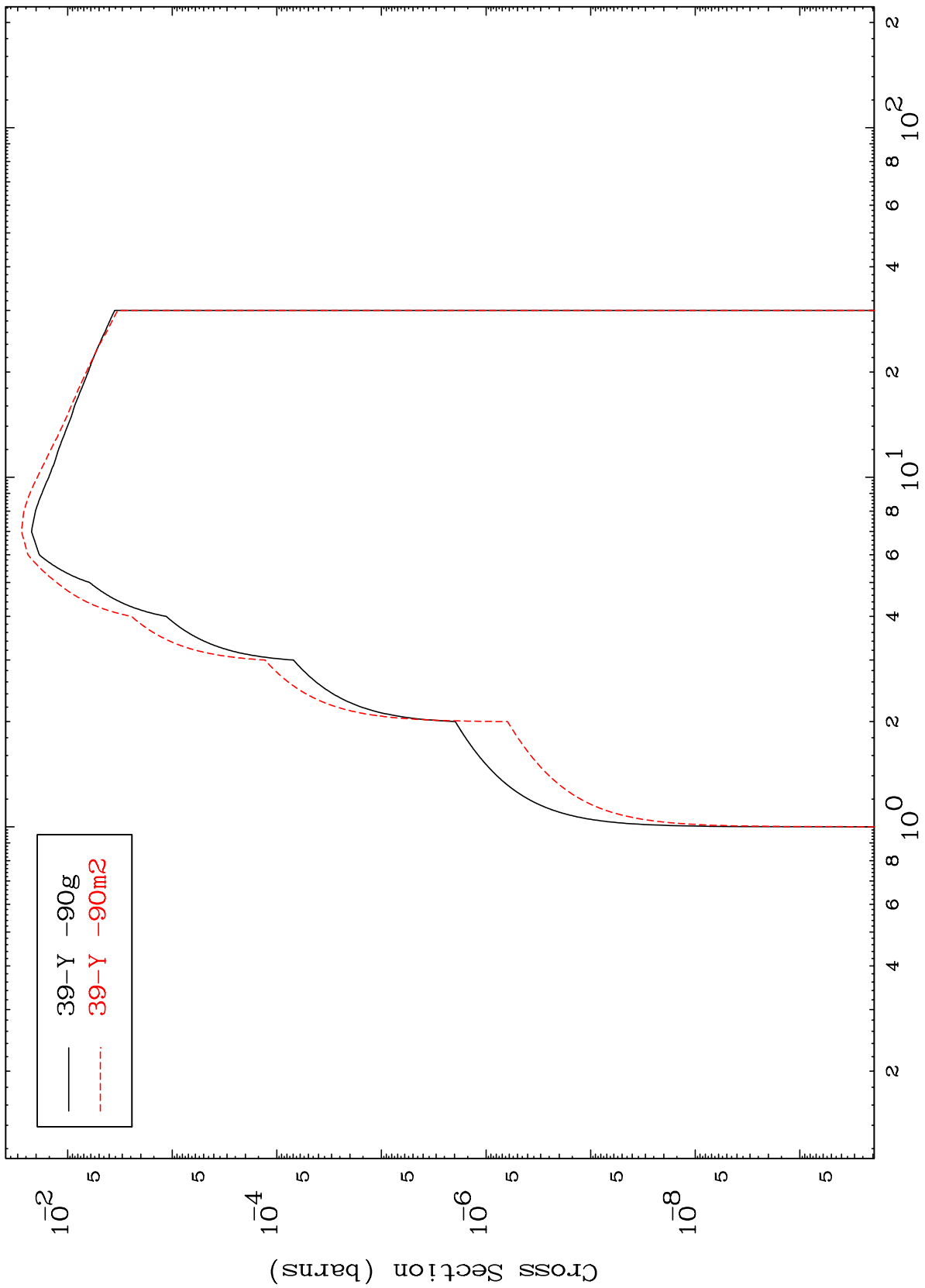
0 Kelvin Cross Sections



MAT 3840

38-Sr-89

Inelastic  
Radionuclide Production Cross Section



— 39-Y -90g  
- - - 39-Y -90m2

12

38-Sr-89

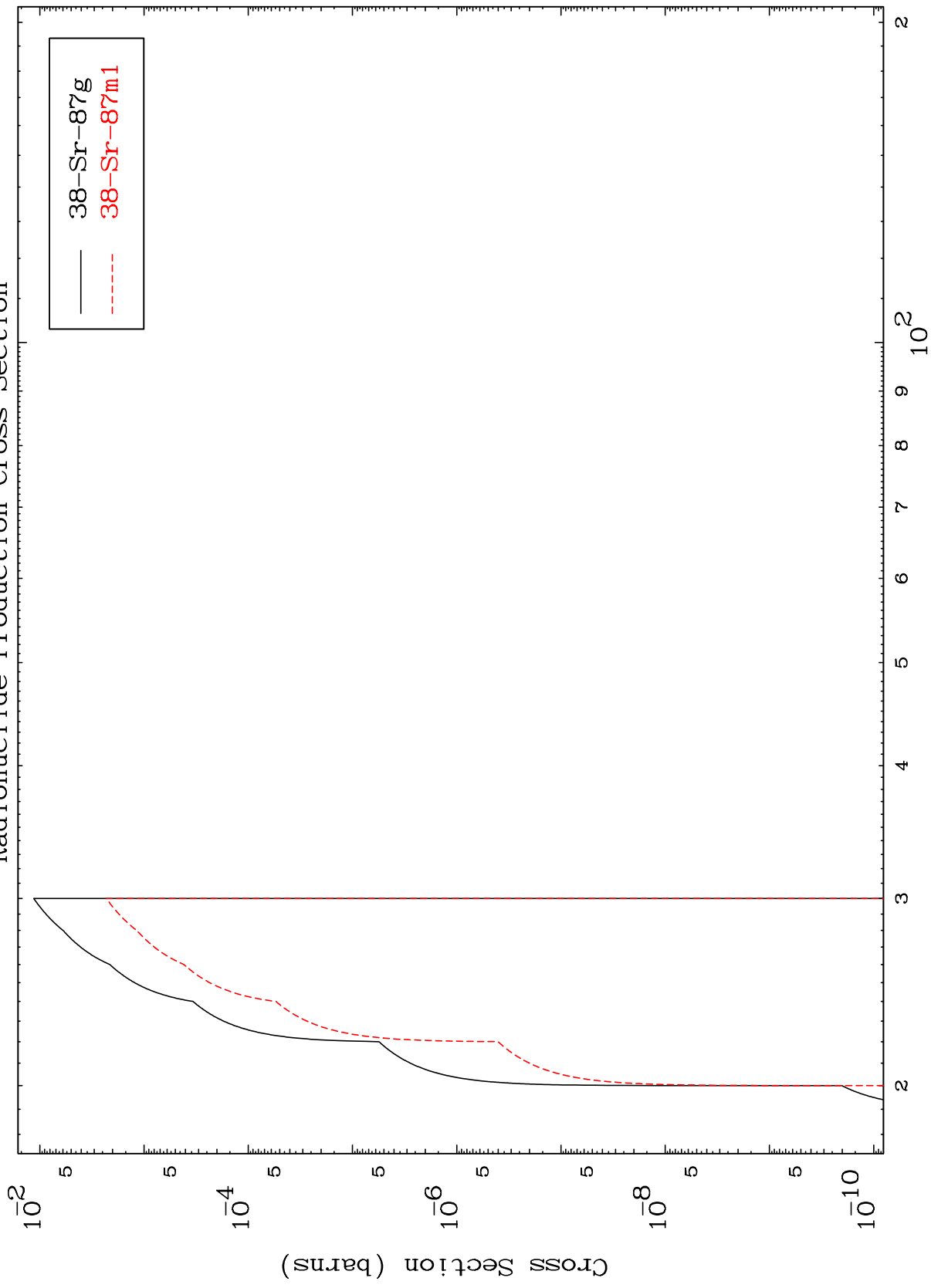
Incident Energy (MeV)

MAT 3840

(n,2n) d

38-Sr-89

Radionuclide Production Cross Section



13

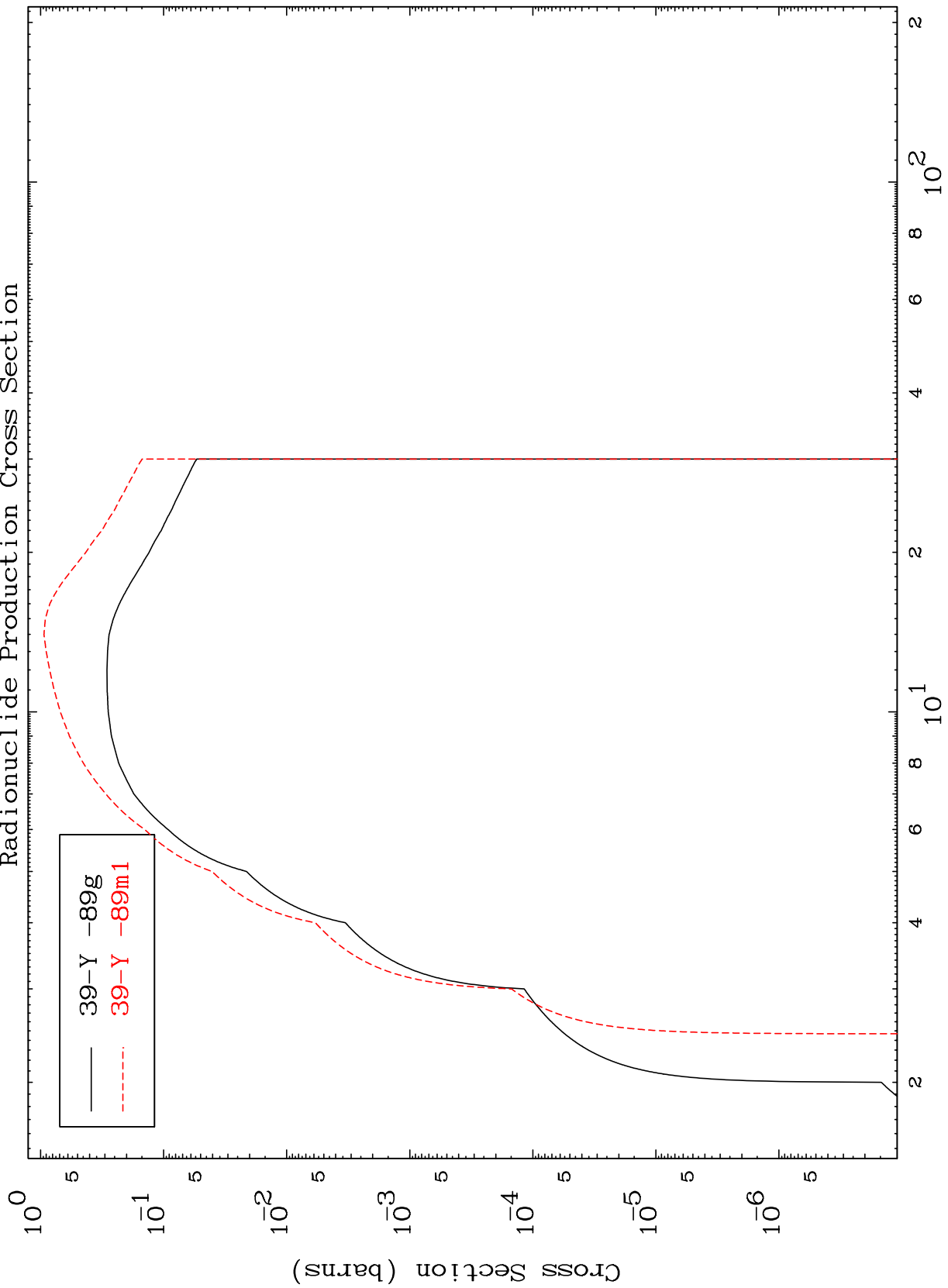
Incident Energy (MeV)

38-Sr-89

MAT 3840

<sup>38</sup>Sr-89

Radionuclide Production Cross Section  
(n,2n)



39-Y -89g  
39-Y -89m1

14

<sup>38</sup>Sr-89

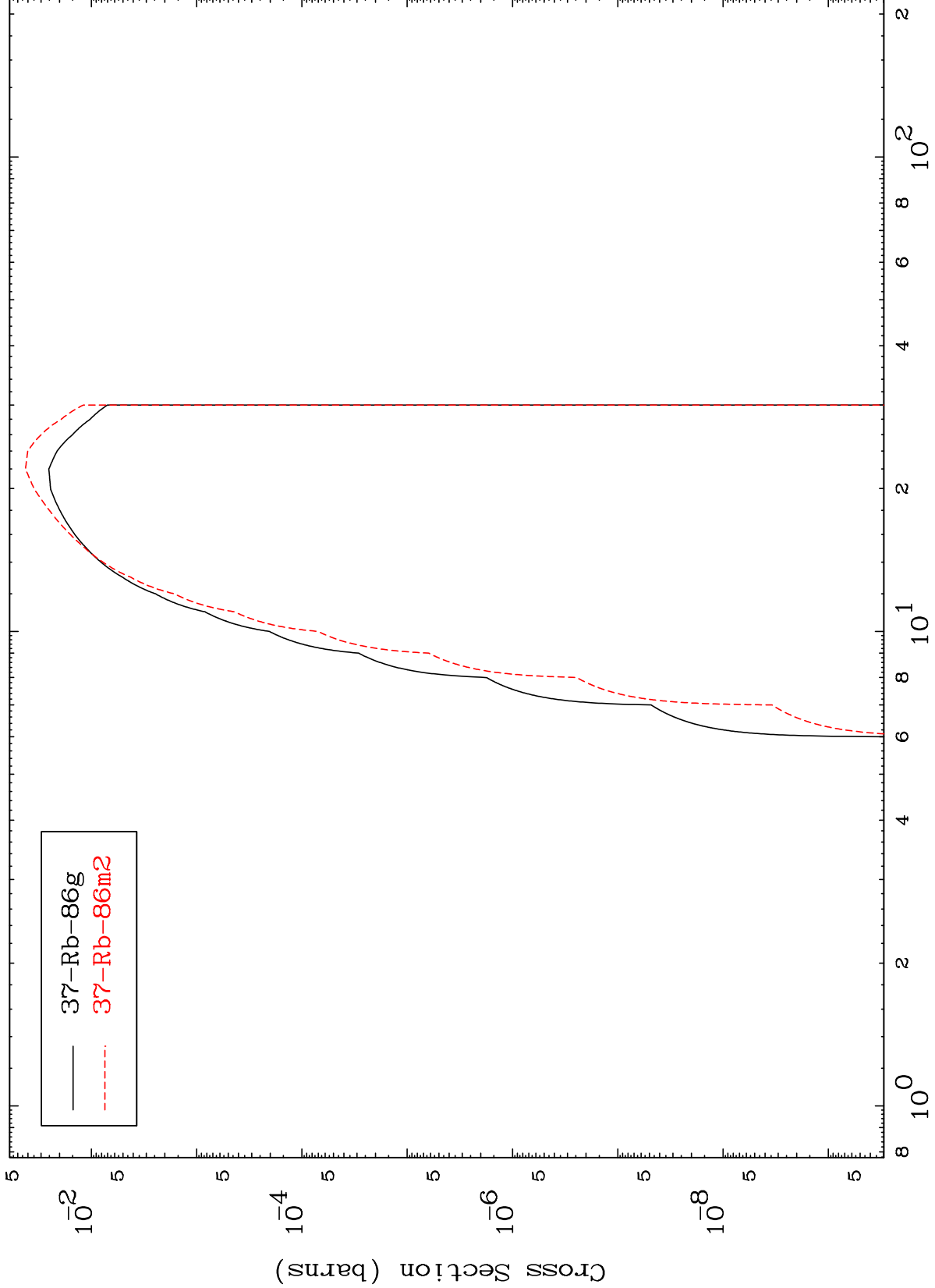
Incident Energy (MeV)

MAT 3840

(n,n')  $\alpha$

38-Sr-89

Radionuclide Production Cross Section



— 37-Rb-86g  
- - - 37-Rb-86m2

15

Incident Energy (MeV)

38-Sr-89

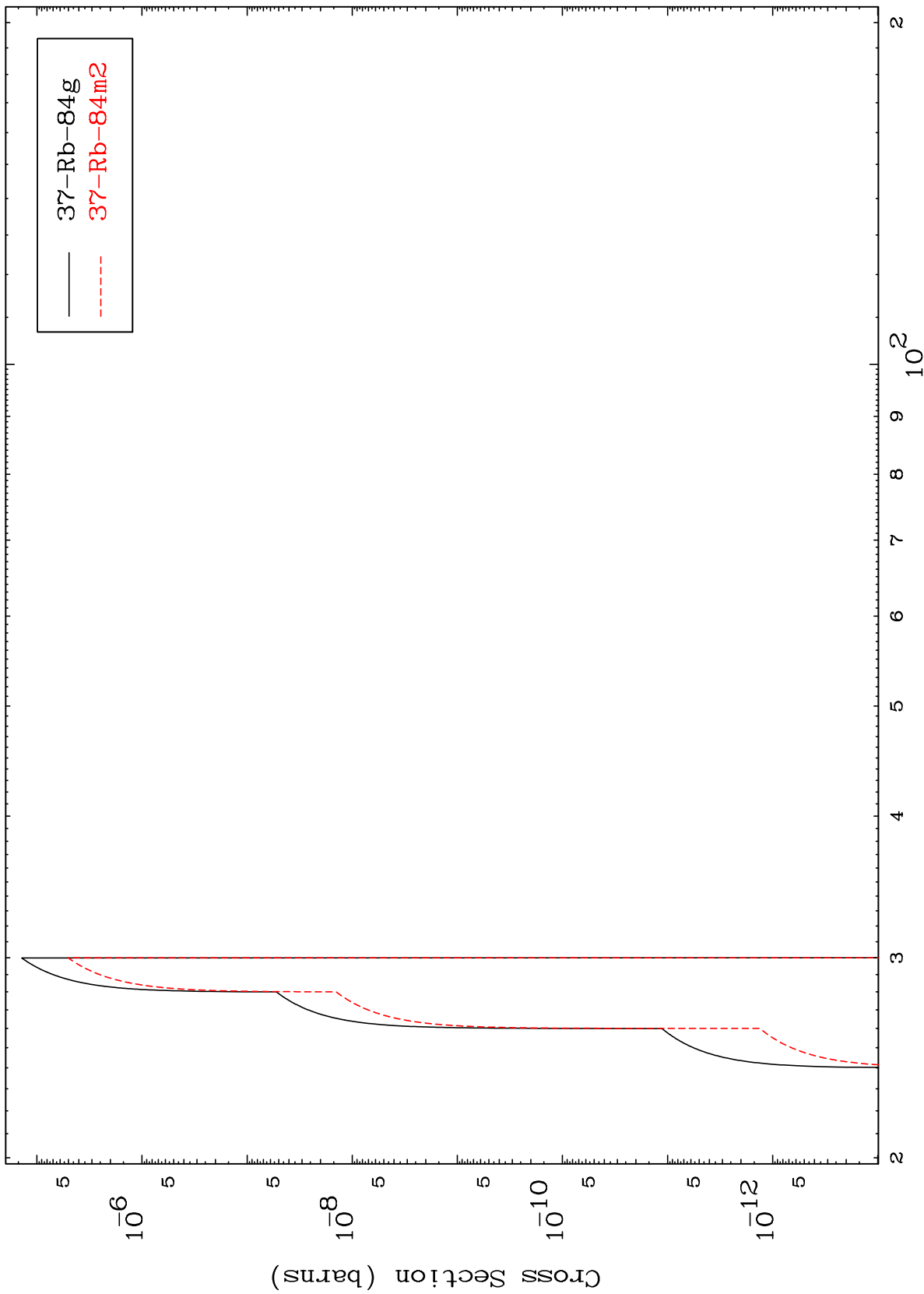


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(n,3n)  $\alpha$

38-Sr-89

Radionuclide Production Cross Section



16

Incident Energy (MeV)

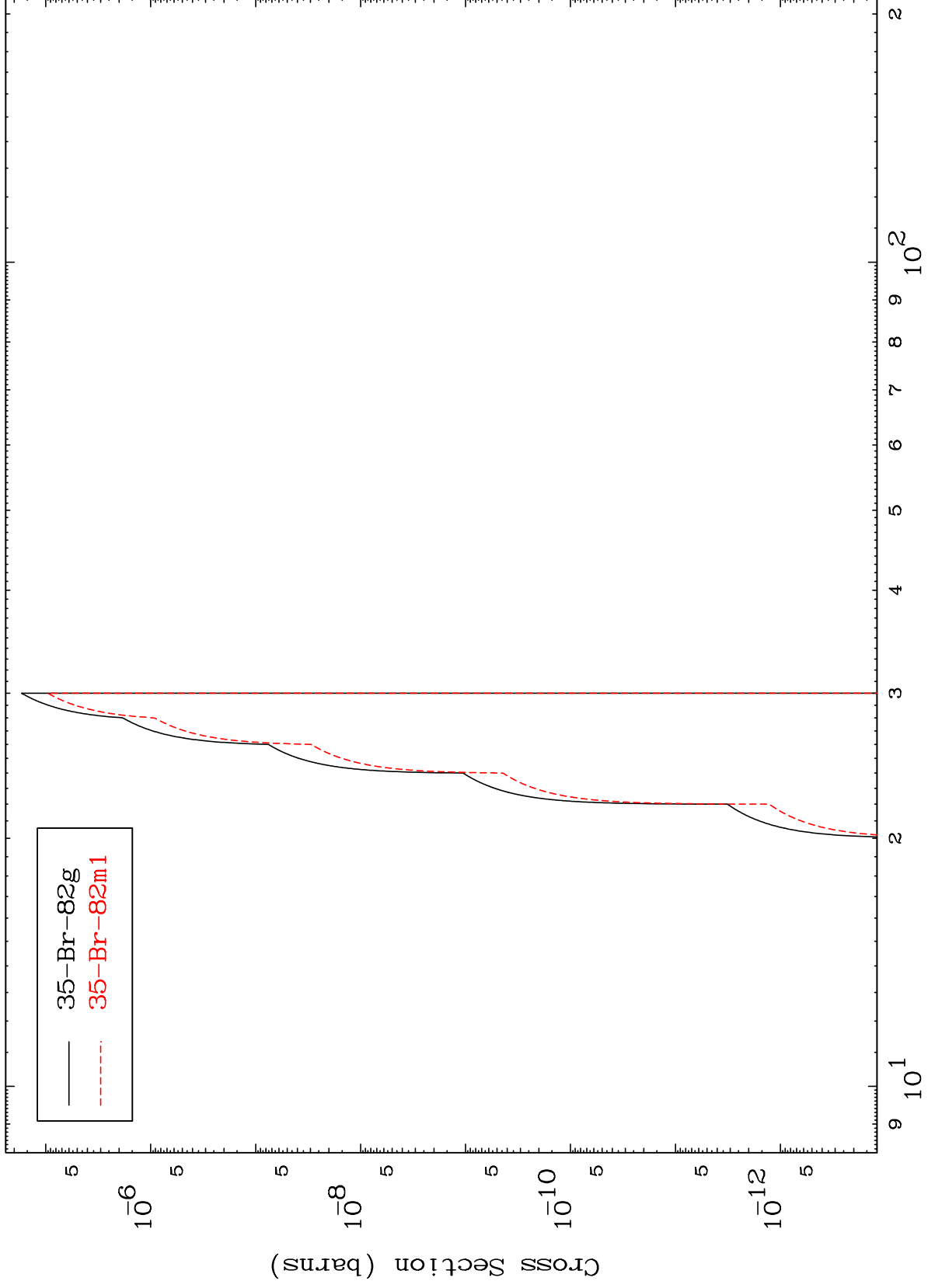
38-Sr-89

MAT 3840

(n,n') 2α

38-Sr-89

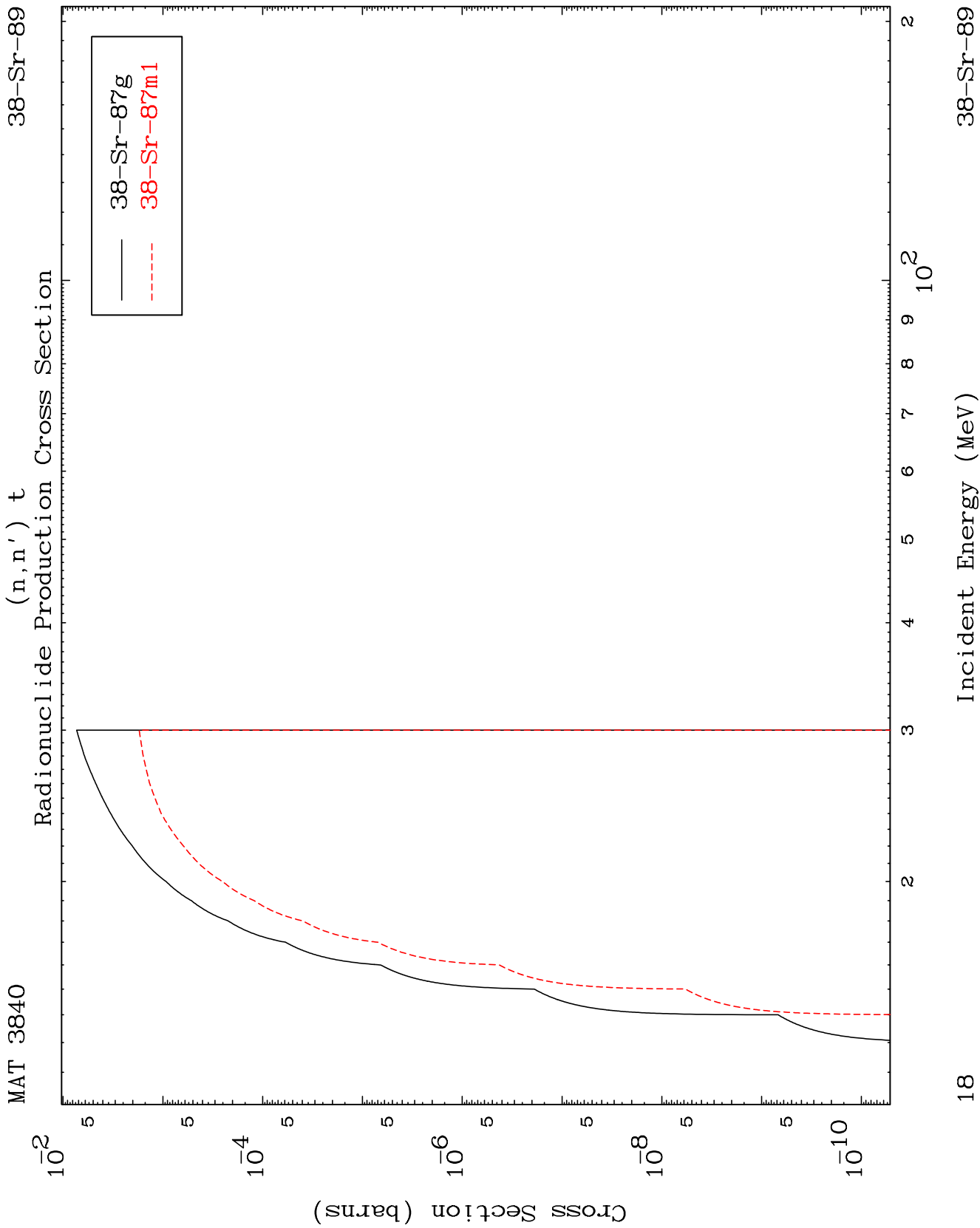
Radionuclide Production Cross Section



17

Incident Energy (MeV)

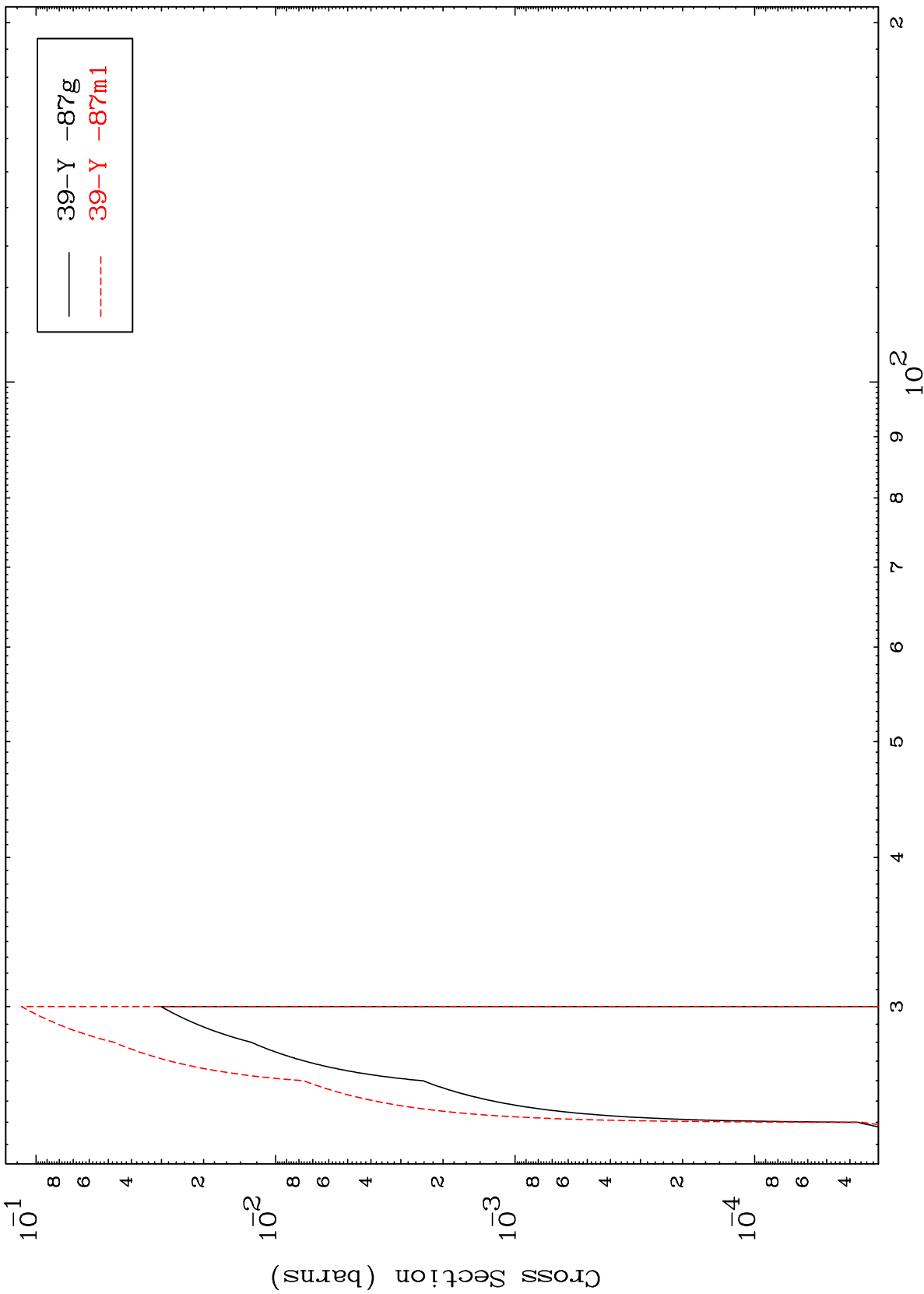
38-Sr-89



MAT 3840

38-Sr-89

(n,4n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

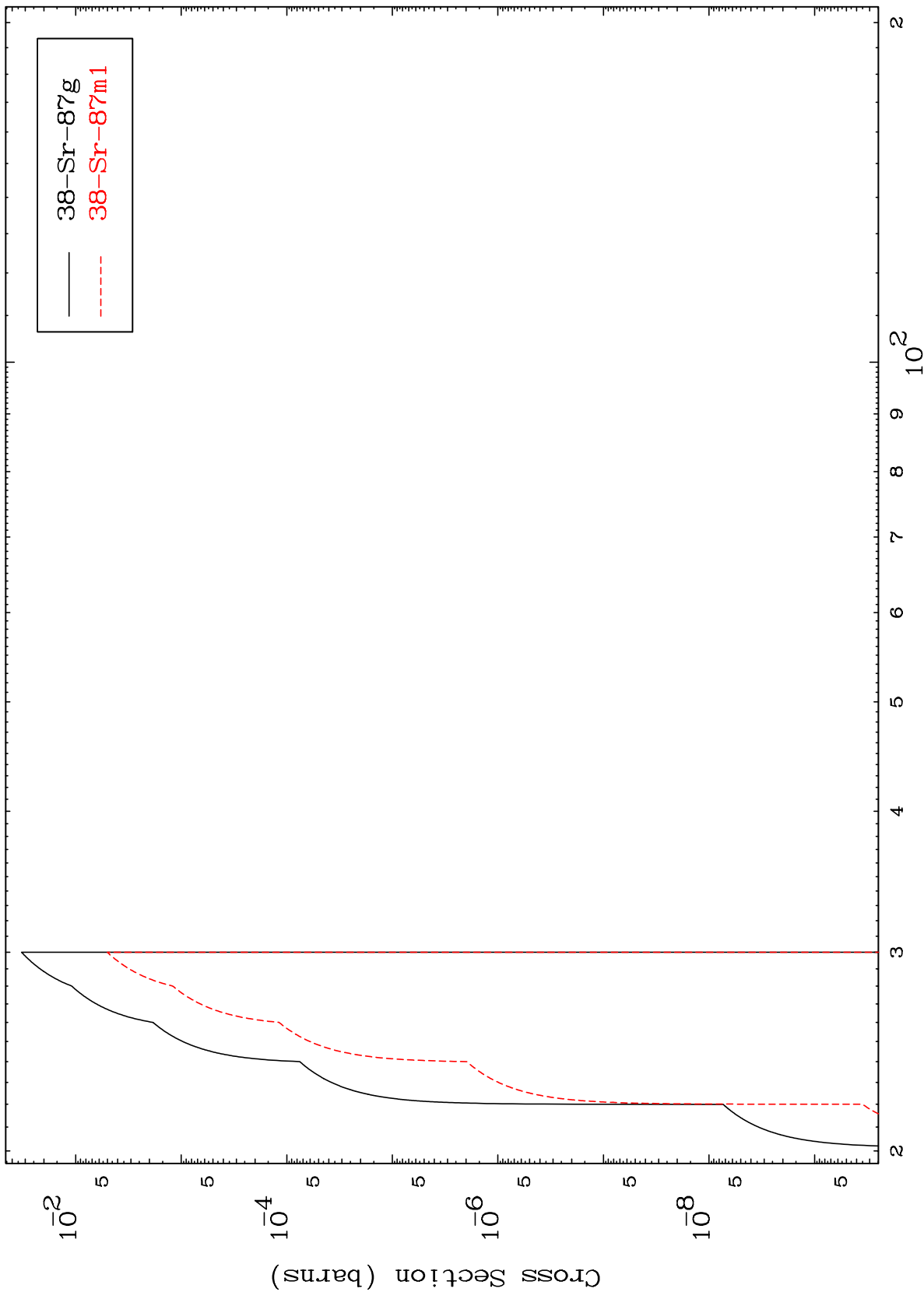
38-Sr-89

MAT 3840

(n,3n) p

38-Sr-89

Radionuclide Production Cross Section



20

Incident Energy (MeV)

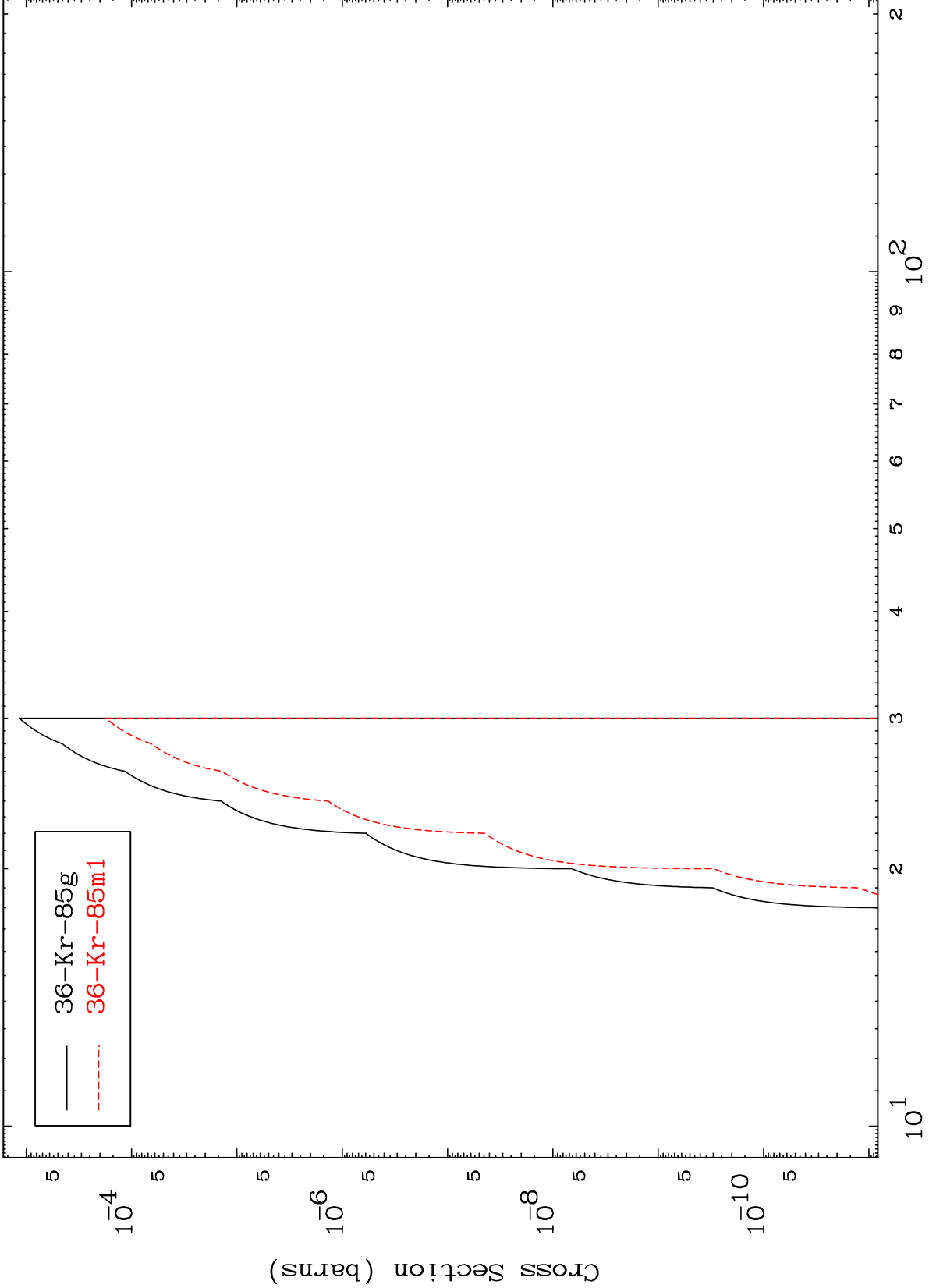
38-Sr-89

MAT 3840

(n,n') p  $\alpha$

38-Sr-89

Radionuclide Production Cross Section



21

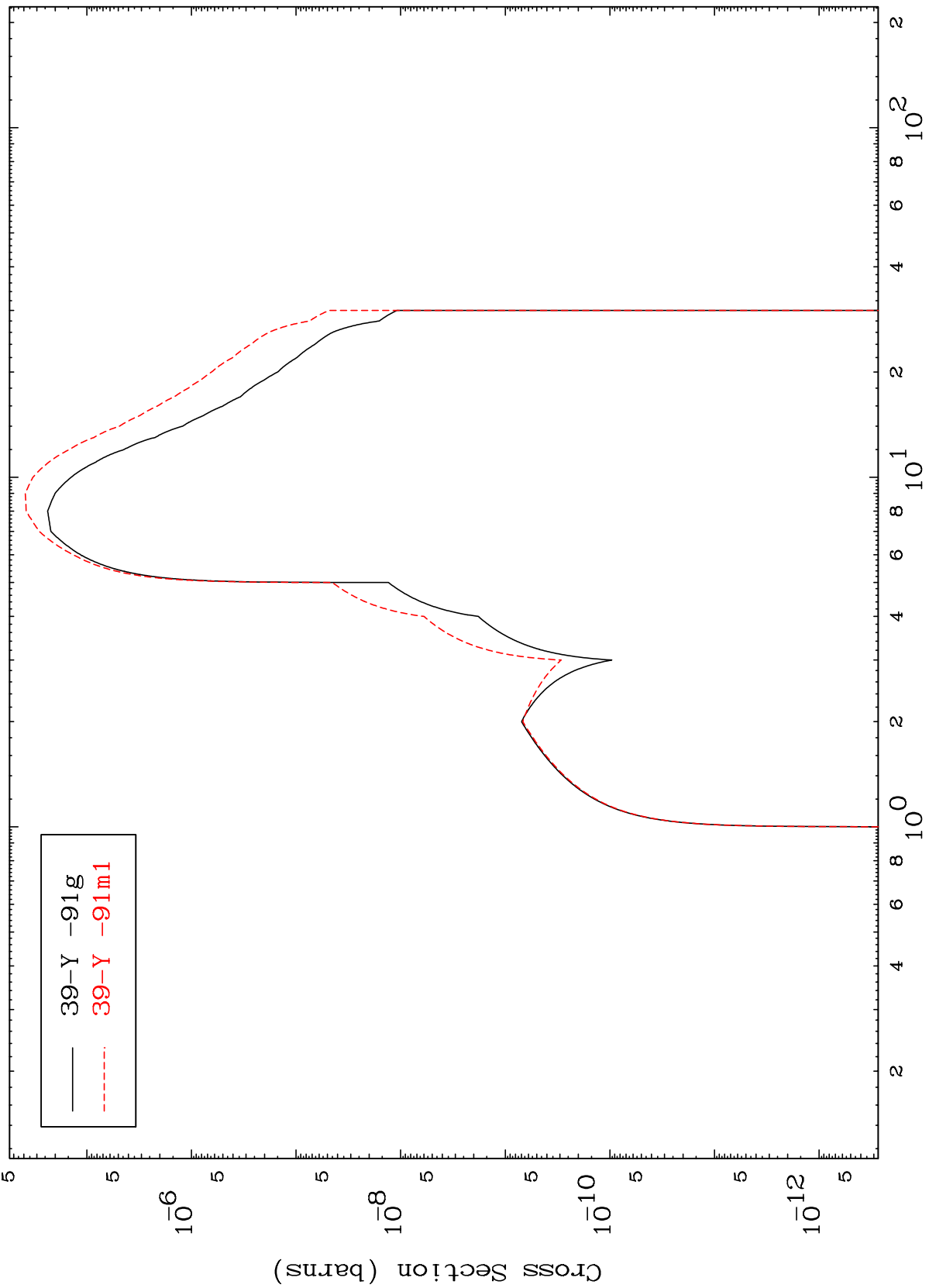
Incident Energy (MeV)

38-Sr-89

MAT 3840

38-Sr-89

(n,γ)  
Radionuclide Production Cross Section



— 39-Y -91g  
- - - 39-Y -91m1

38-Sr-89

Incident Energy (MeV)

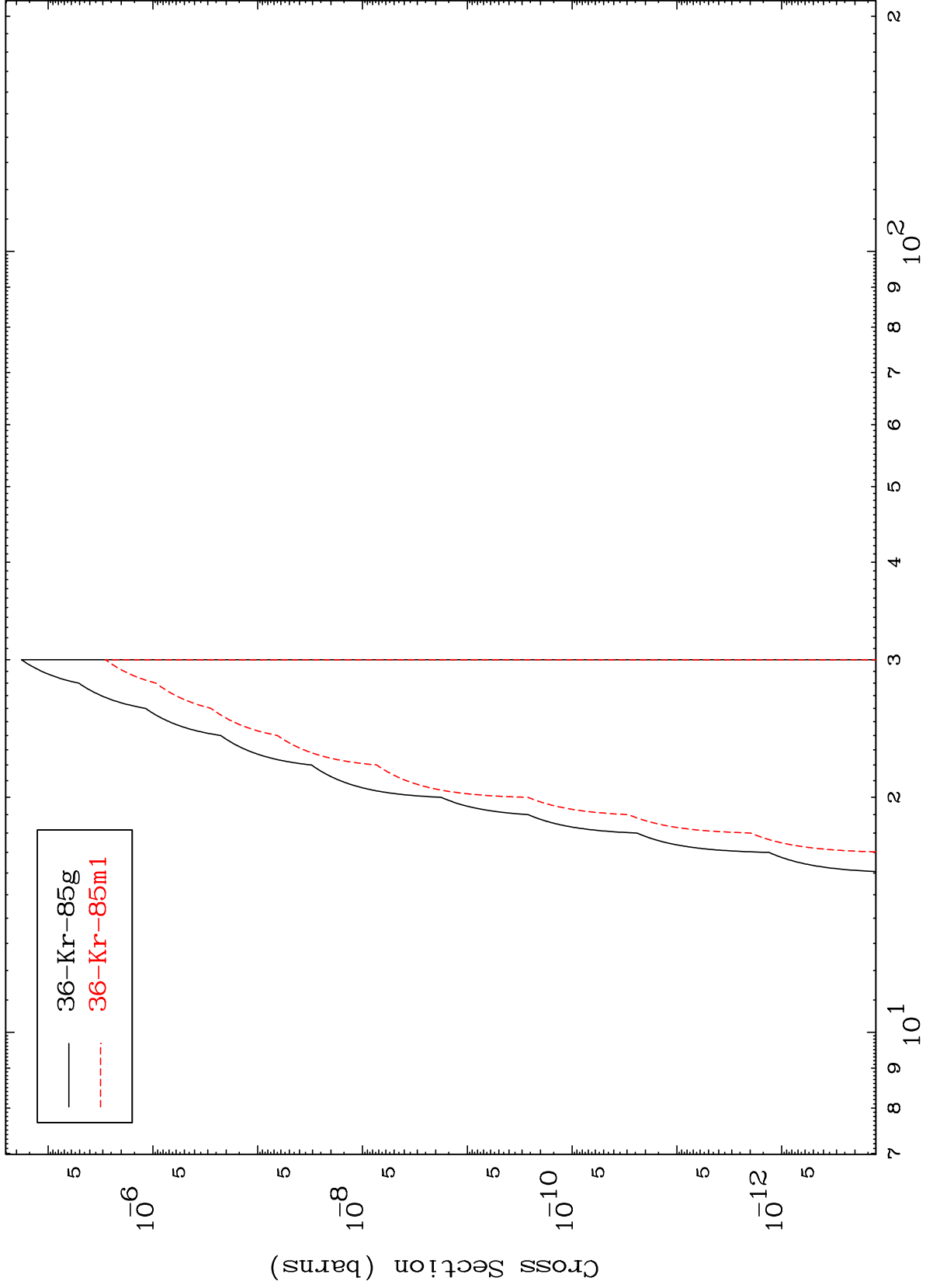
22

MAT 3840

(n,d)  $\alpha$

38-Sr-89

Radionuclide Production Cross Section



23

Incident Energy (MeV)

38-Sr-89