

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

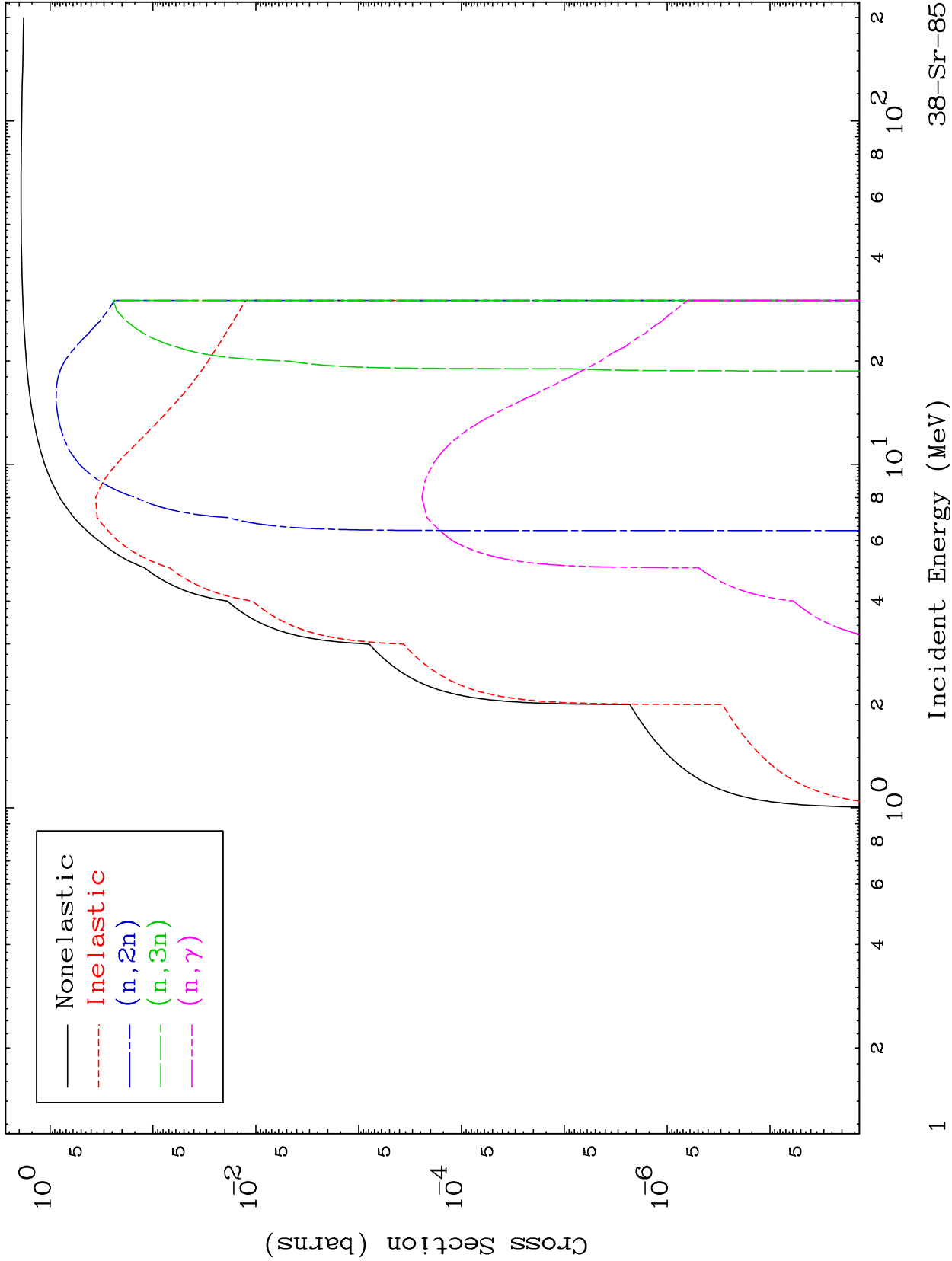
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1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

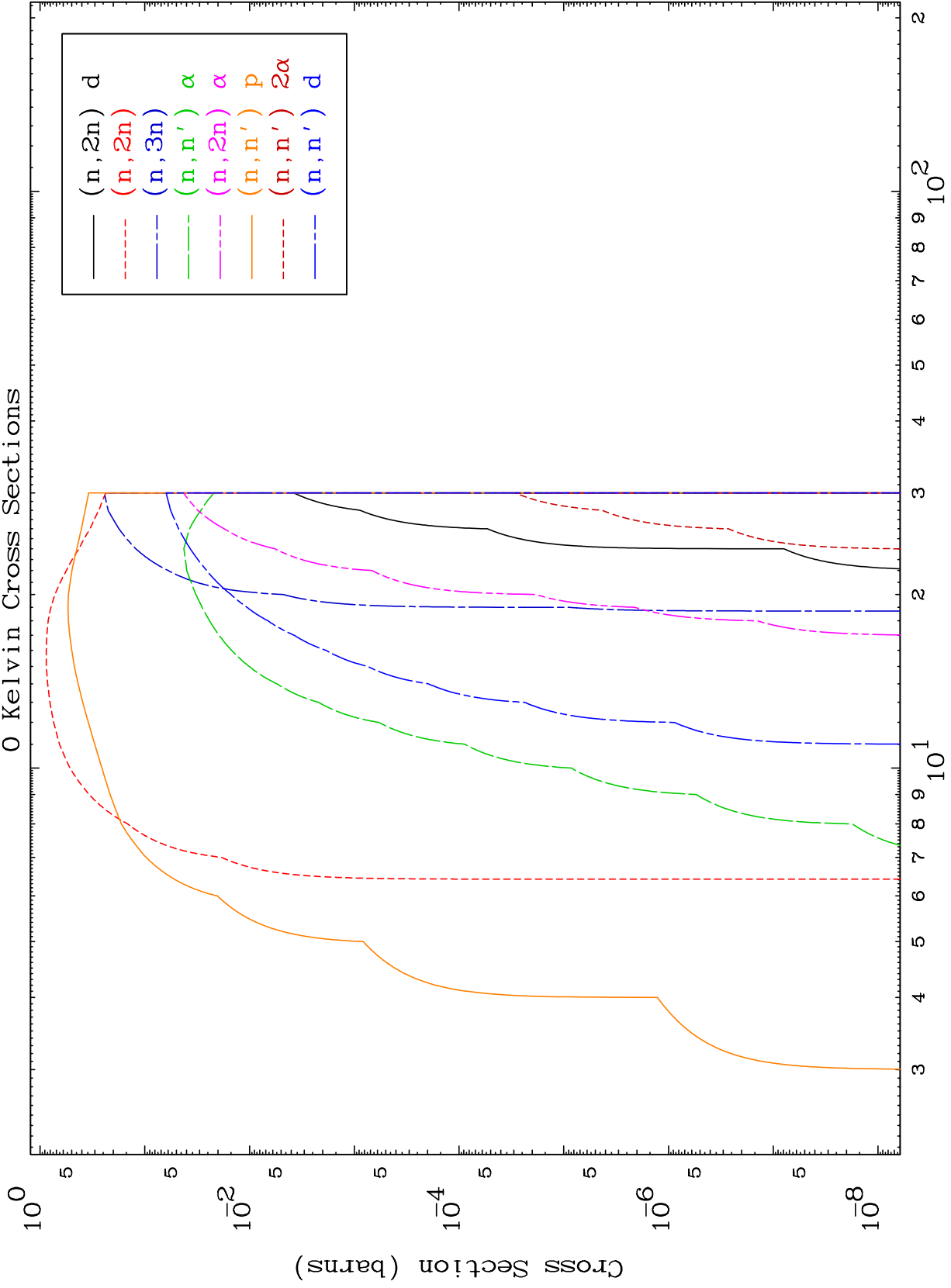
Tele: 925-443-1911

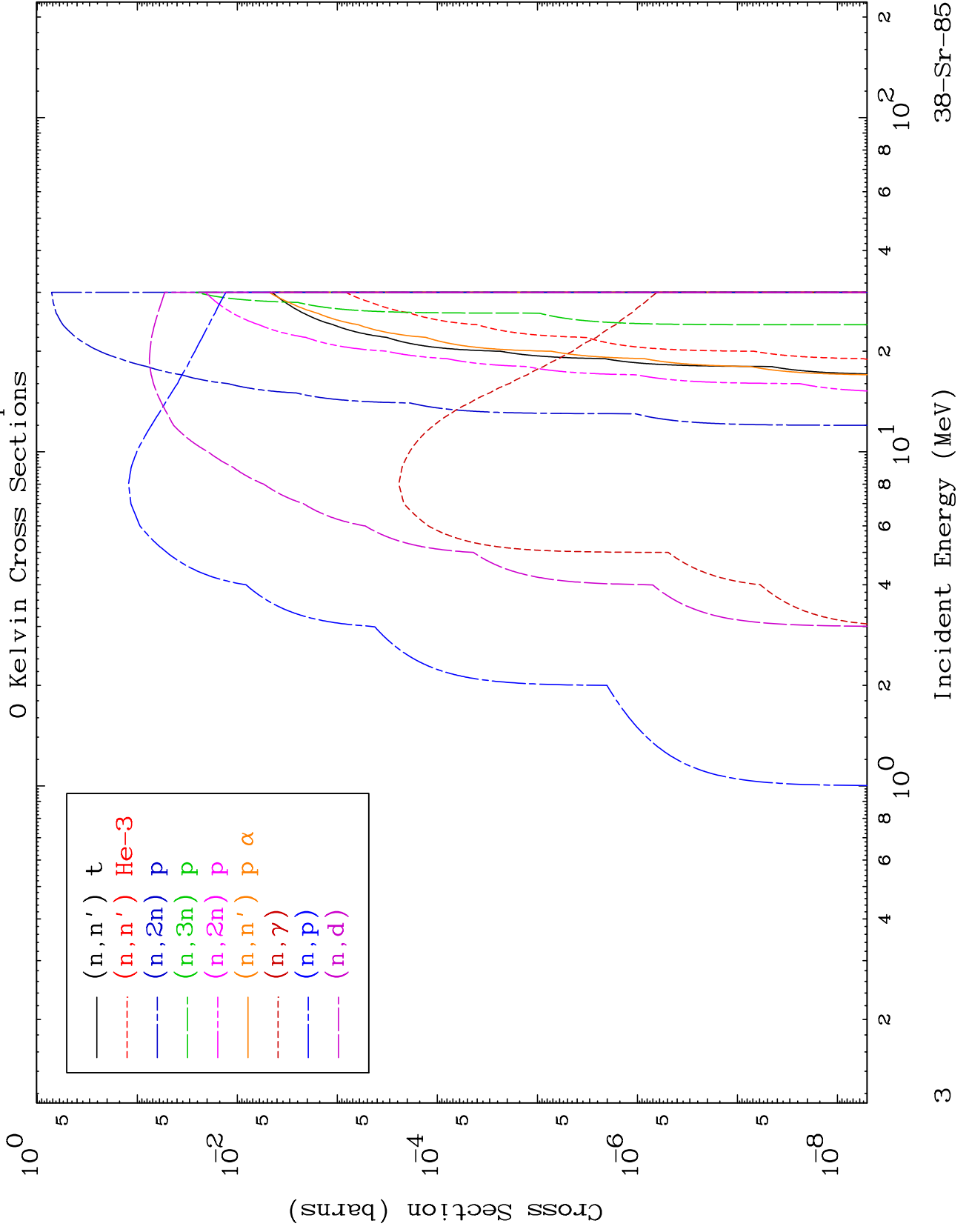
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



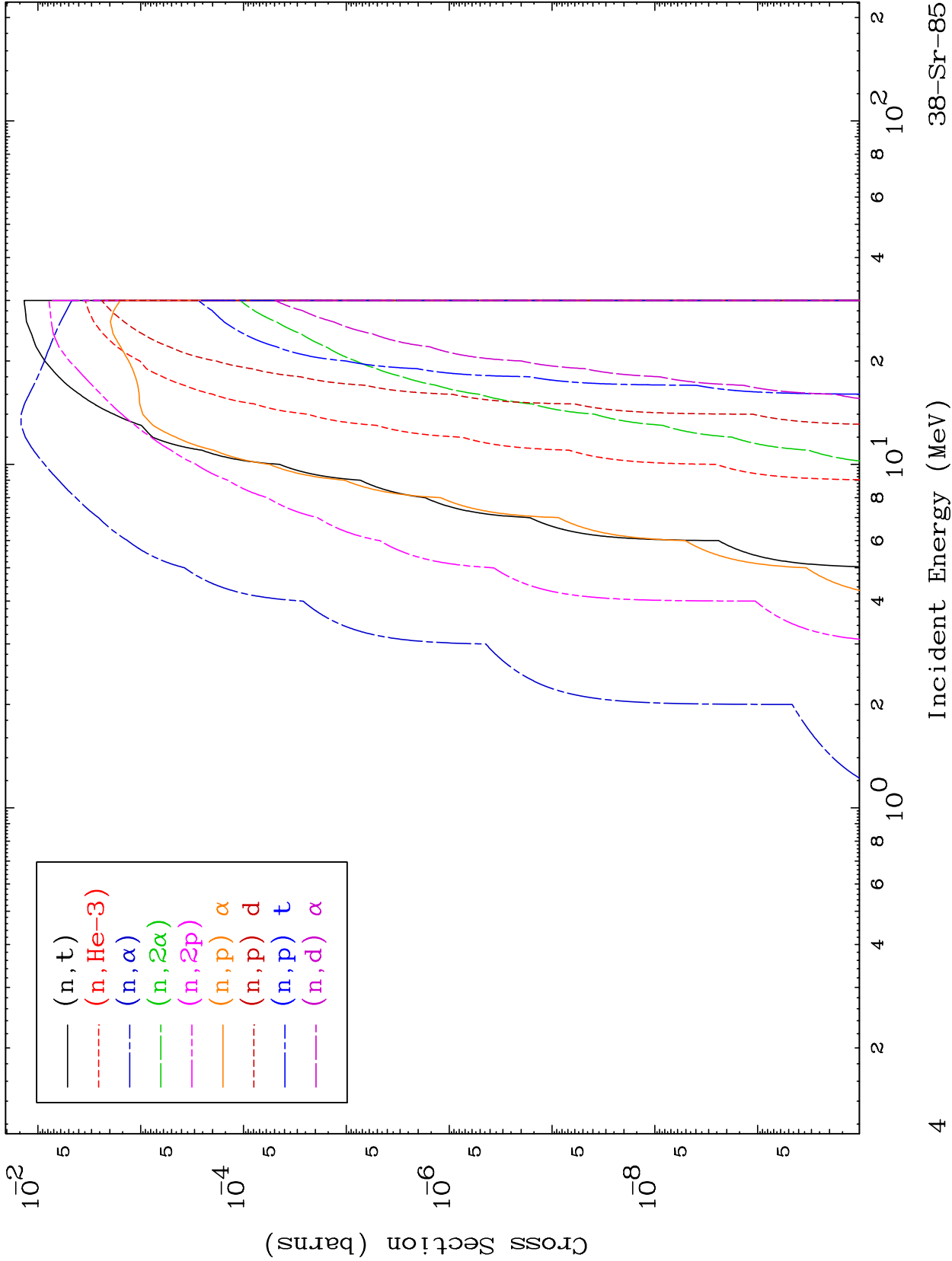




MAT 3828

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

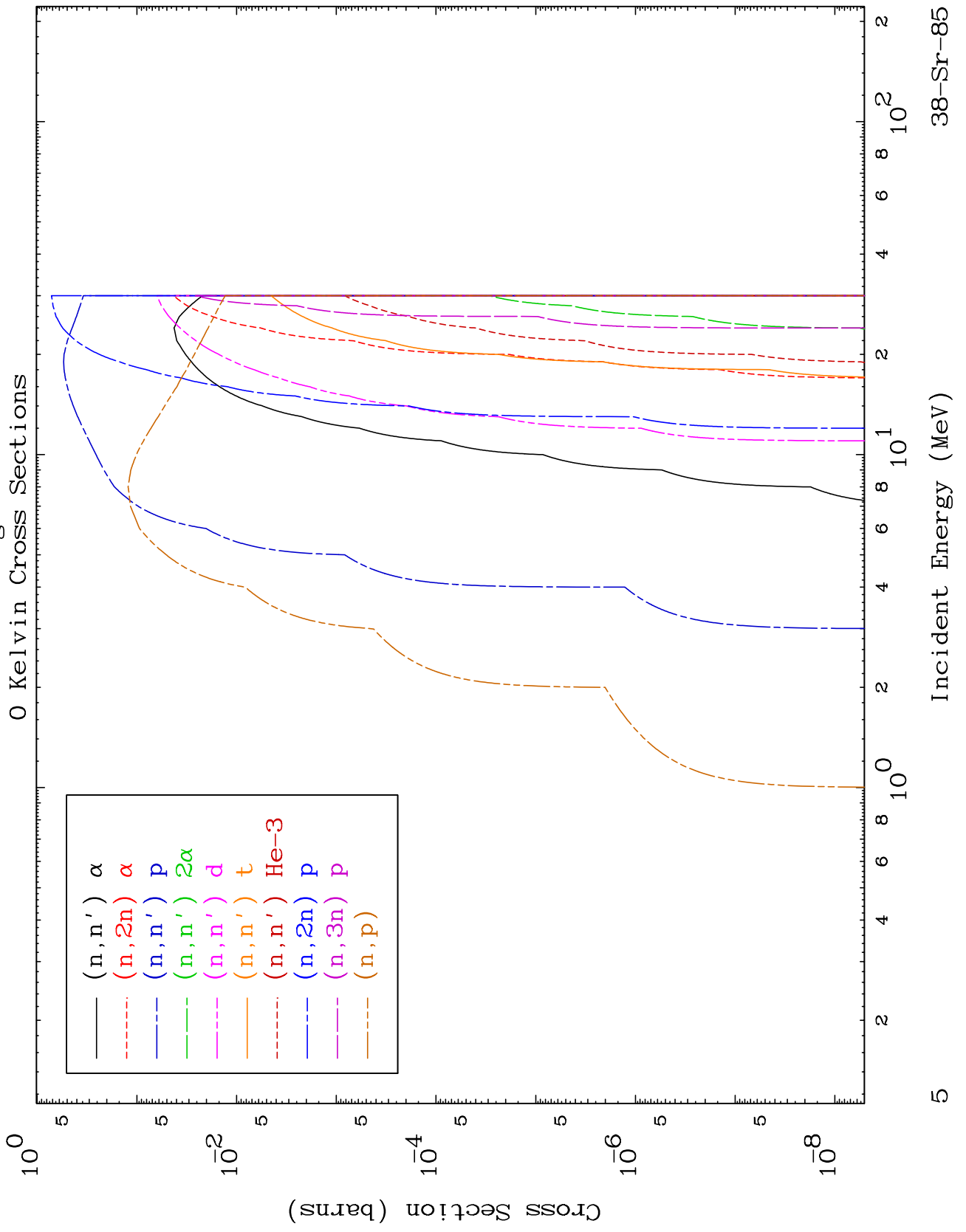
38-Sr-85

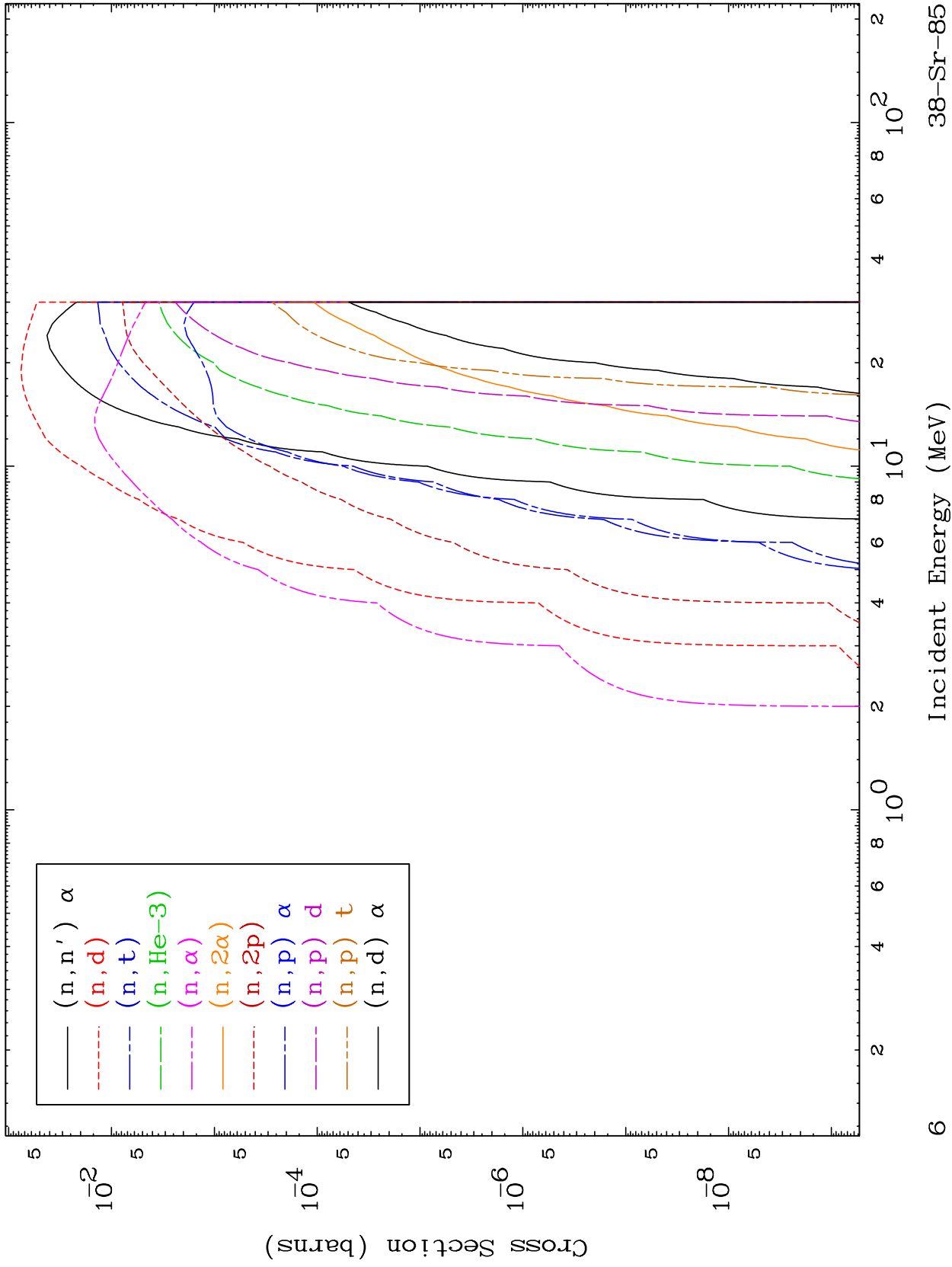


MAT 3828

Deuteron Charged Particle  
0 Kelvin Cross Sections

38-Sr-85

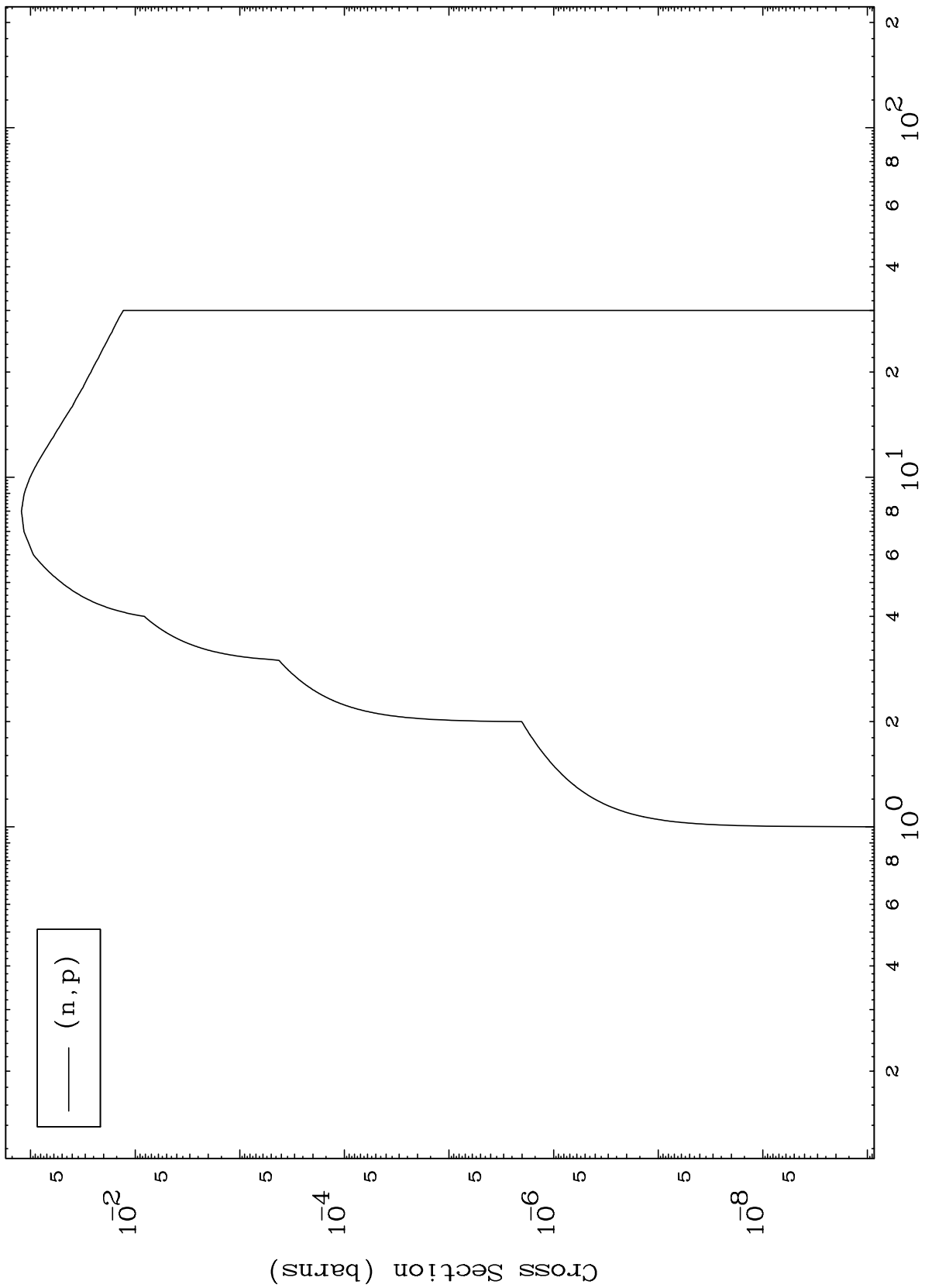




MAT 3828

38-Sr-85

(d,p) Levels  
0 Kelvin Cross Sections

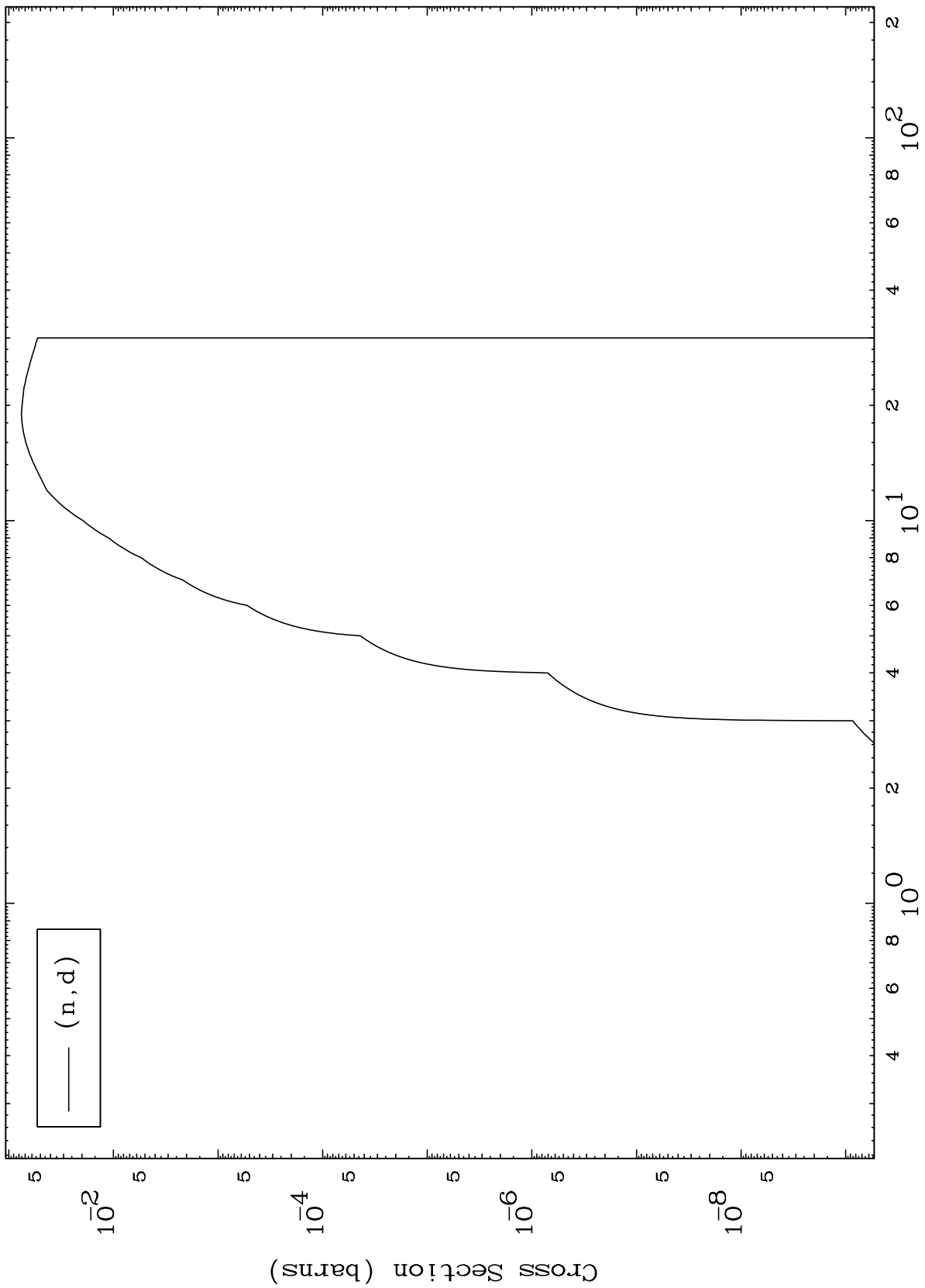




MAT 3828

38-Sr-85

(d,d) Levels  
0 Kelvin Cross Sections

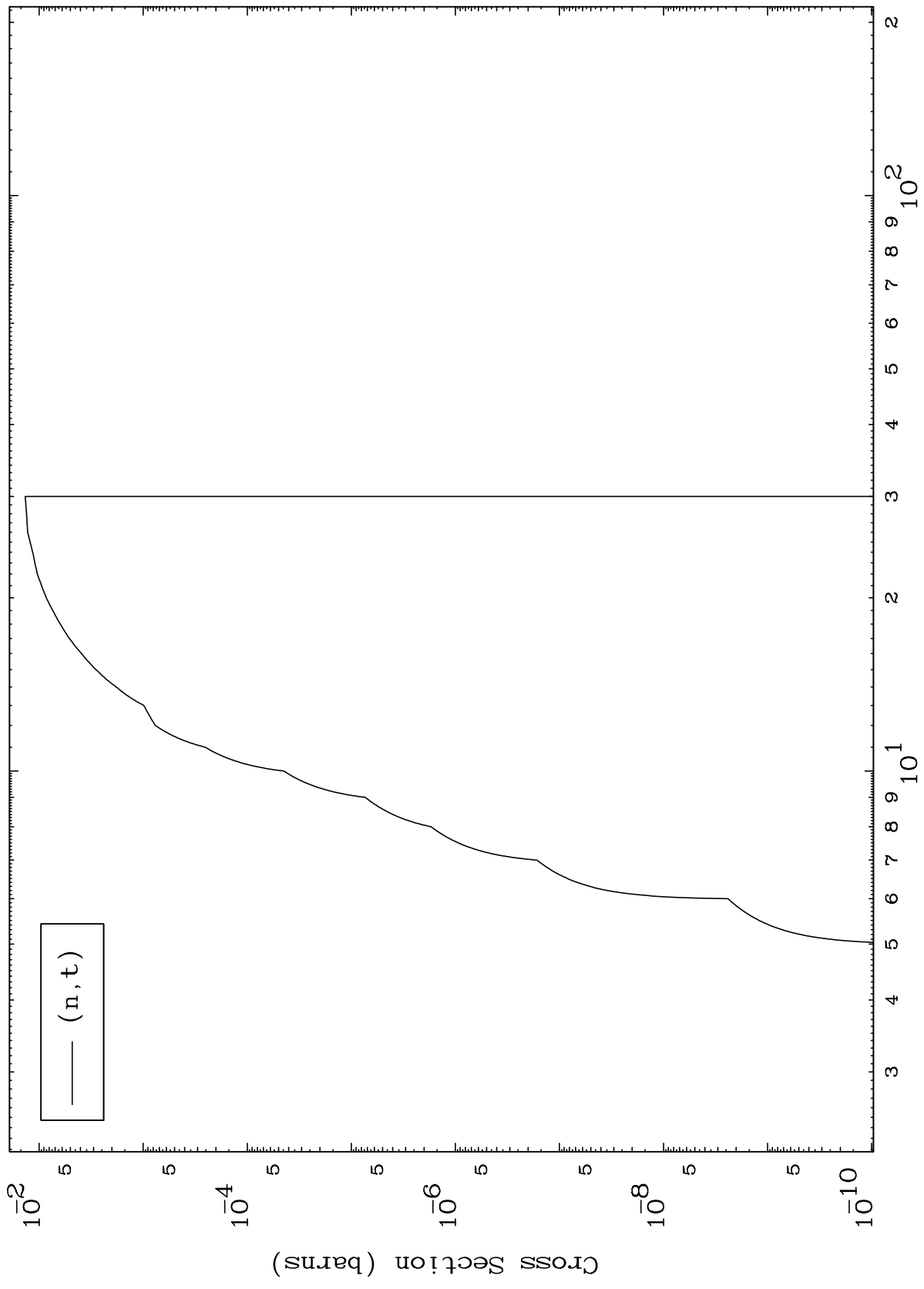


MAT 3828

(d,t) Levels

38-Sr-85

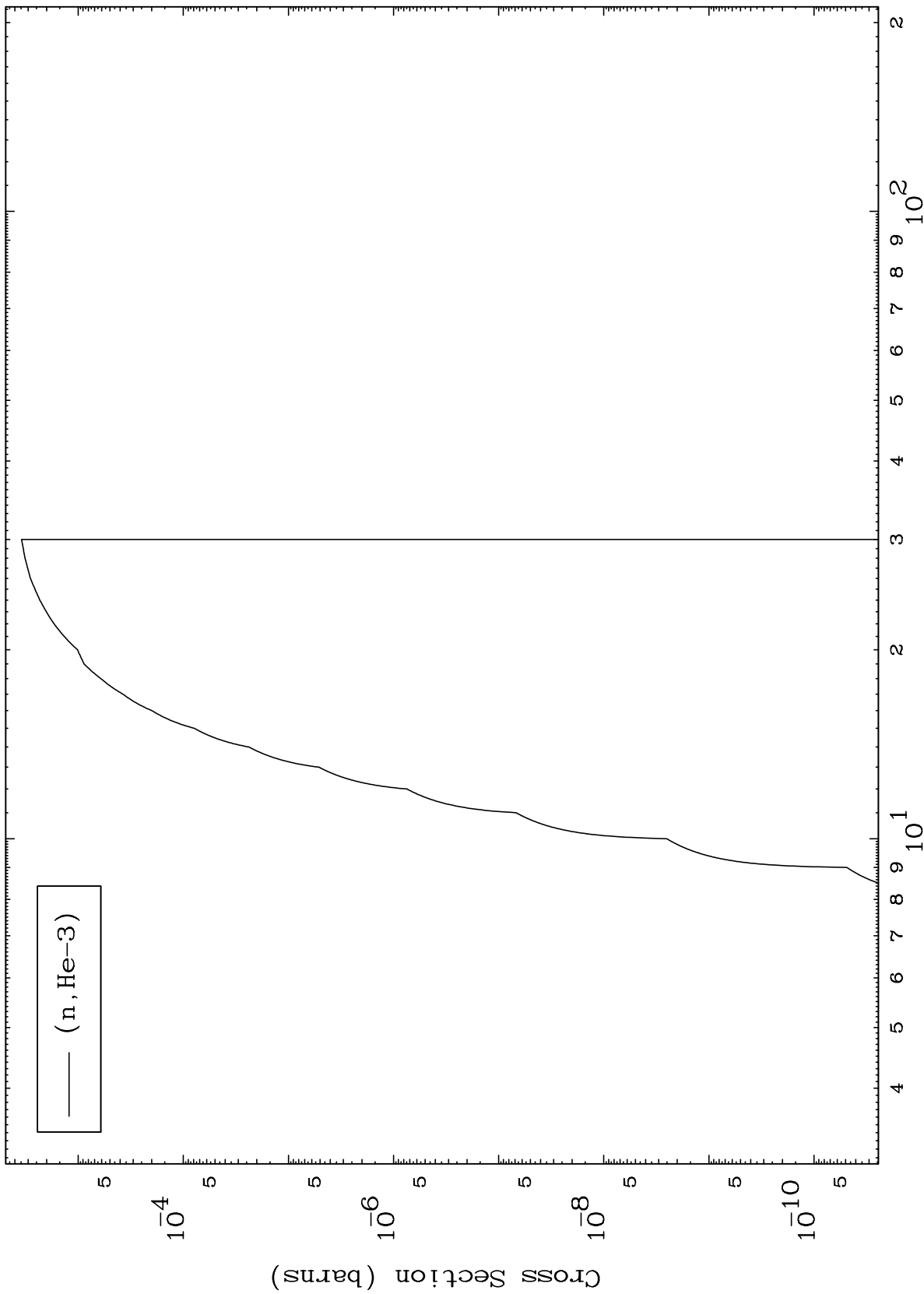
0 Kelvin Cross Sections



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38-Sr-85

(d,He3) Levels  
0 Kelvin Cross Sections



10

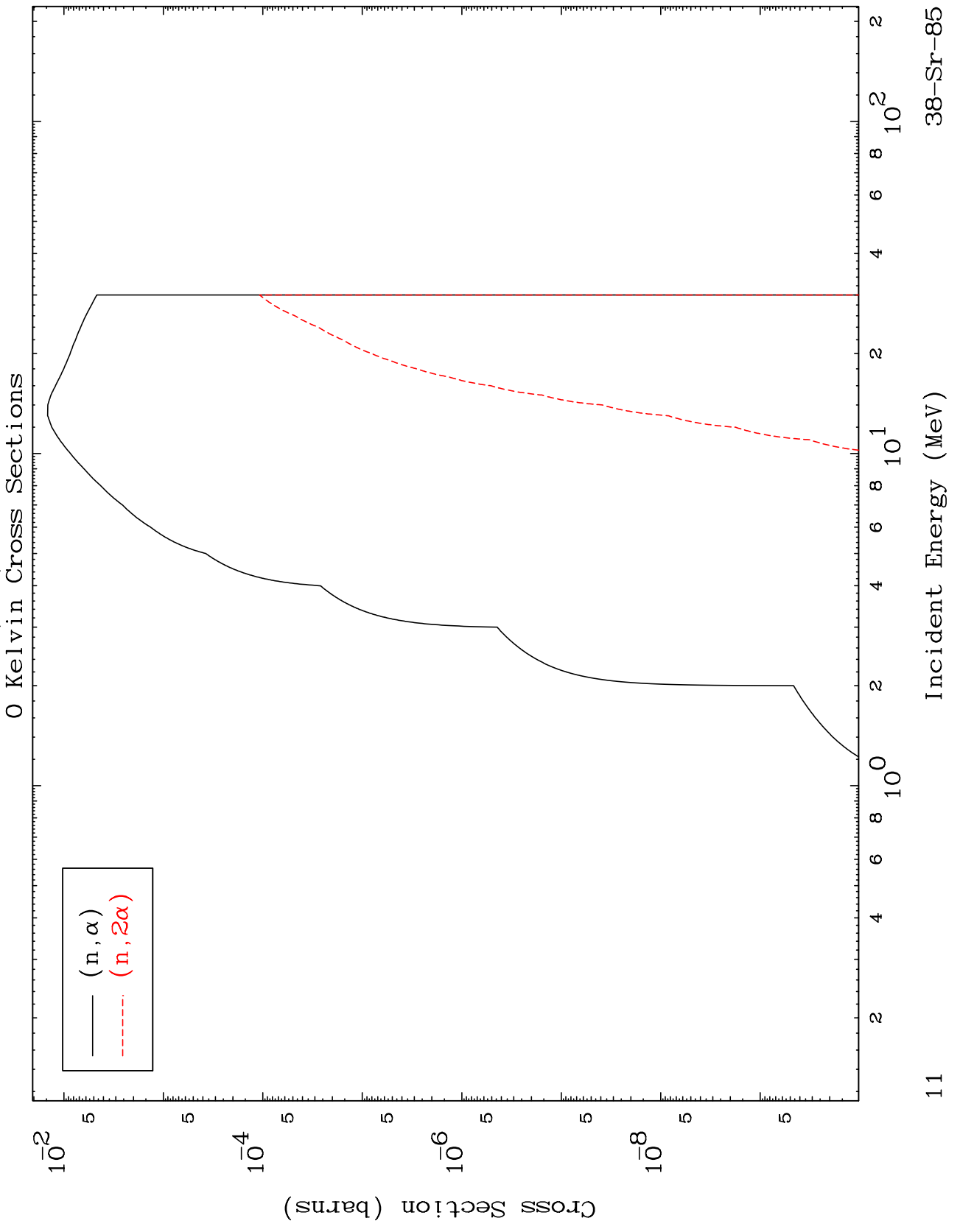
Incident Energy (MeV)

38-Sr-85

MAT 3828

(d,  $\alpha$ ) Levels

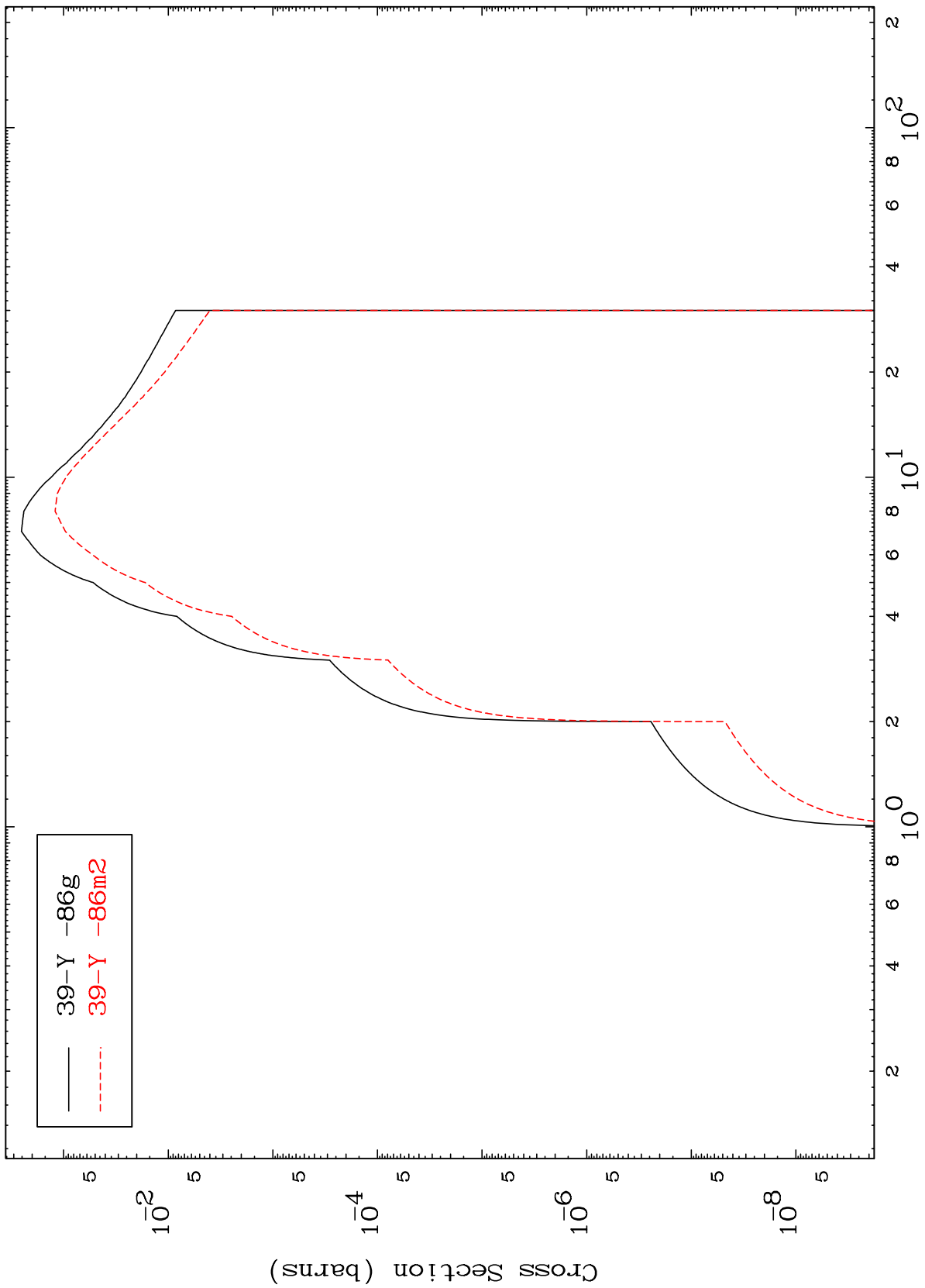
38-Sr-85



MAT 3828

38-Sr-85

Inelastic  
Radionuclide Production Cross Section



38-Sr-85

Incident Energy (MeV)

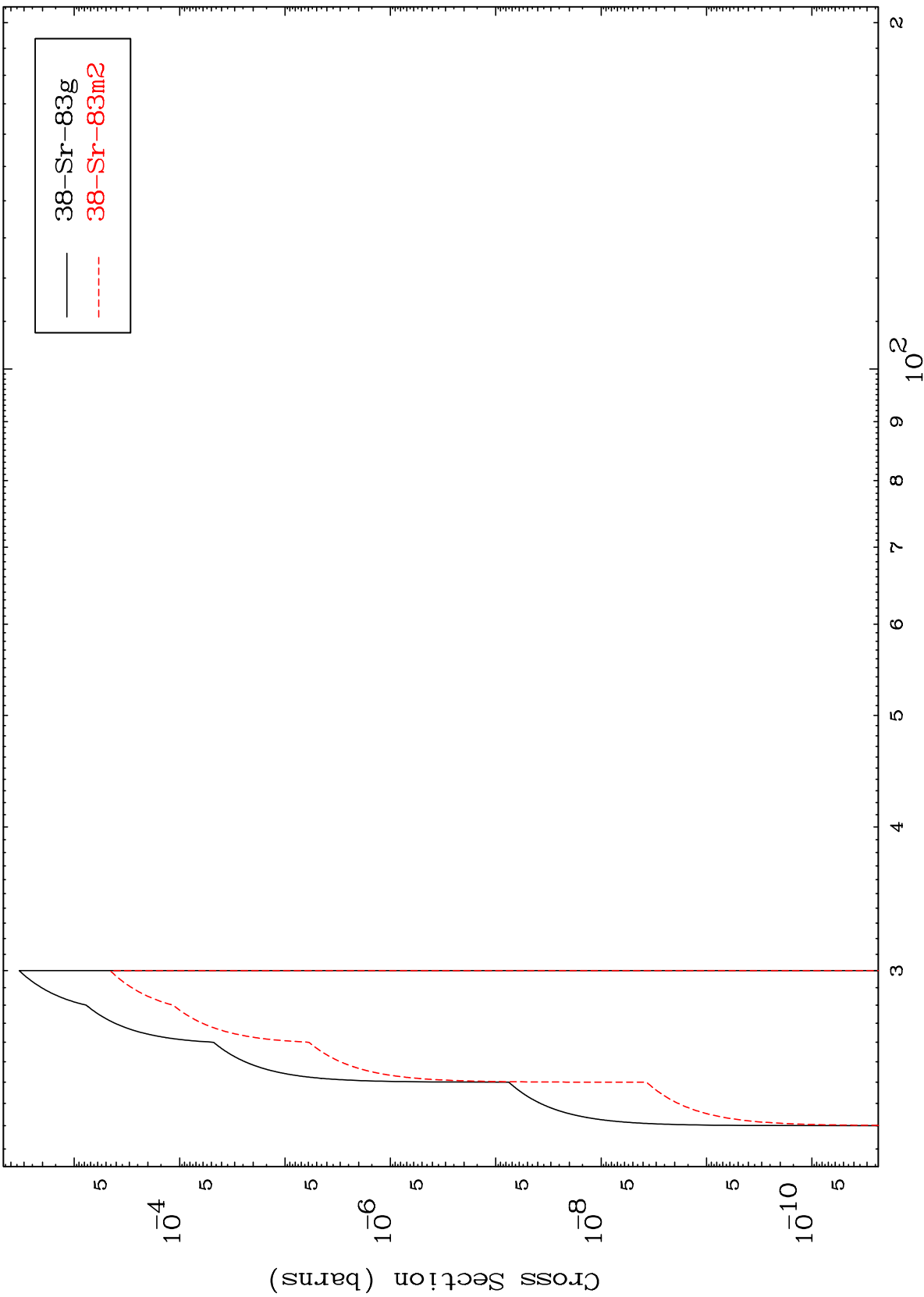
12

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(n,2n) d

38-Sr-85

Radionuclide Production Cross Section



13

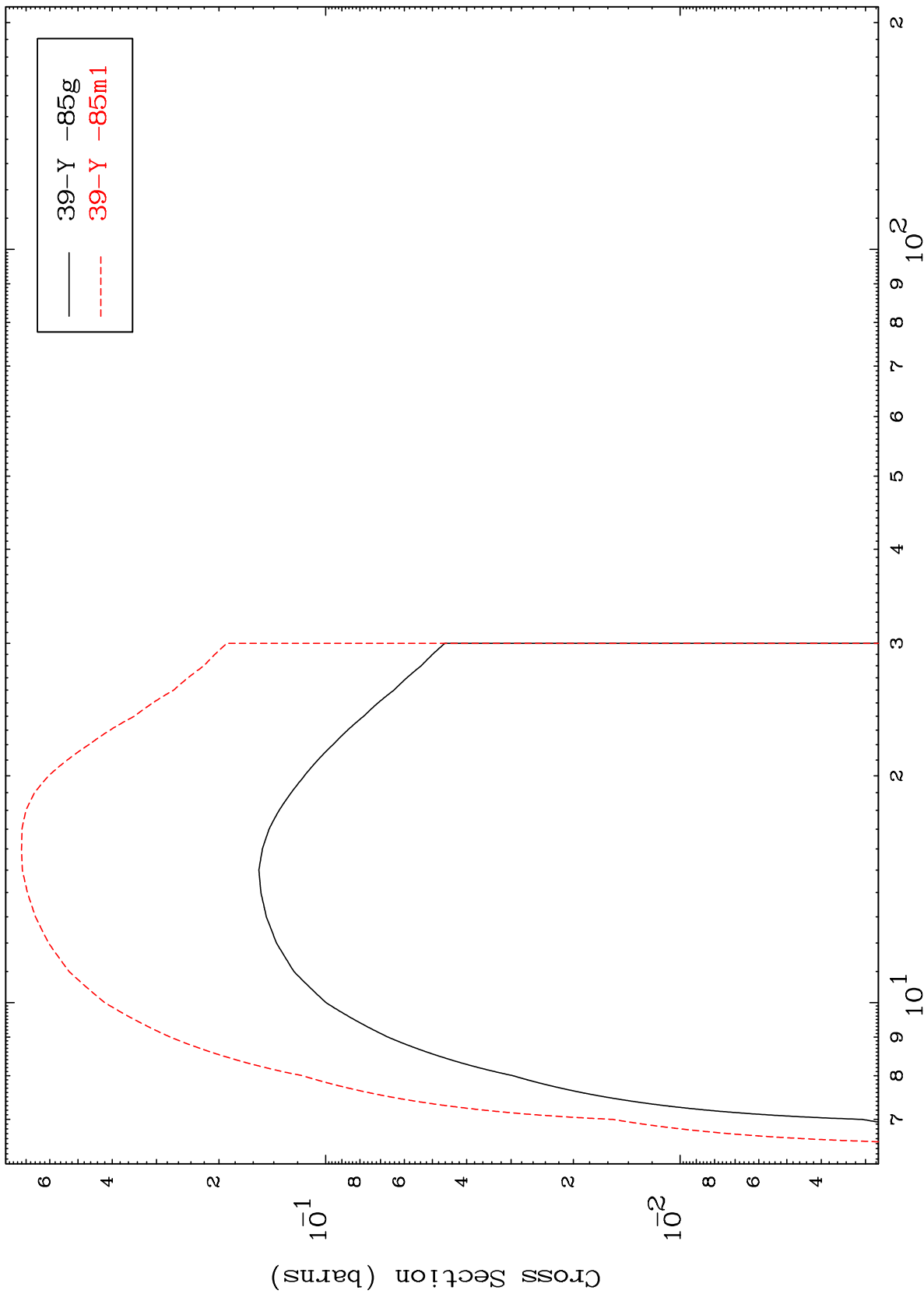
Incident Energy (MeV)

38-Sr-85

MAT 3828

38-Sr-85

(n,2n)  
Radionuclide Production Cross Section



39-Y -85g  
39-Y -85m1

38-Sr-85

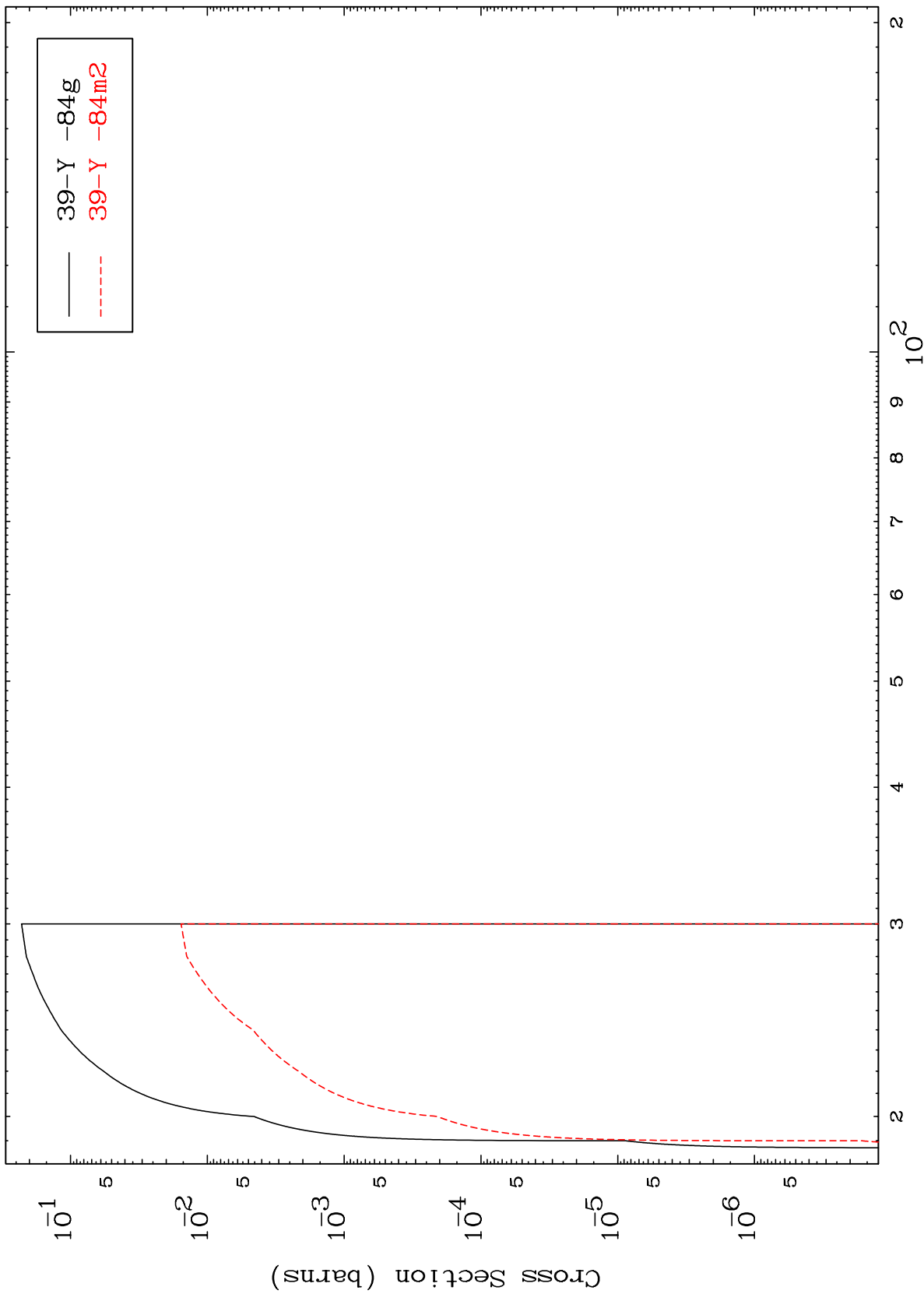
Incident Energy (MeV)

14

MAT 3828

38-Sr-85

(n,3n)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

38-Sr-85

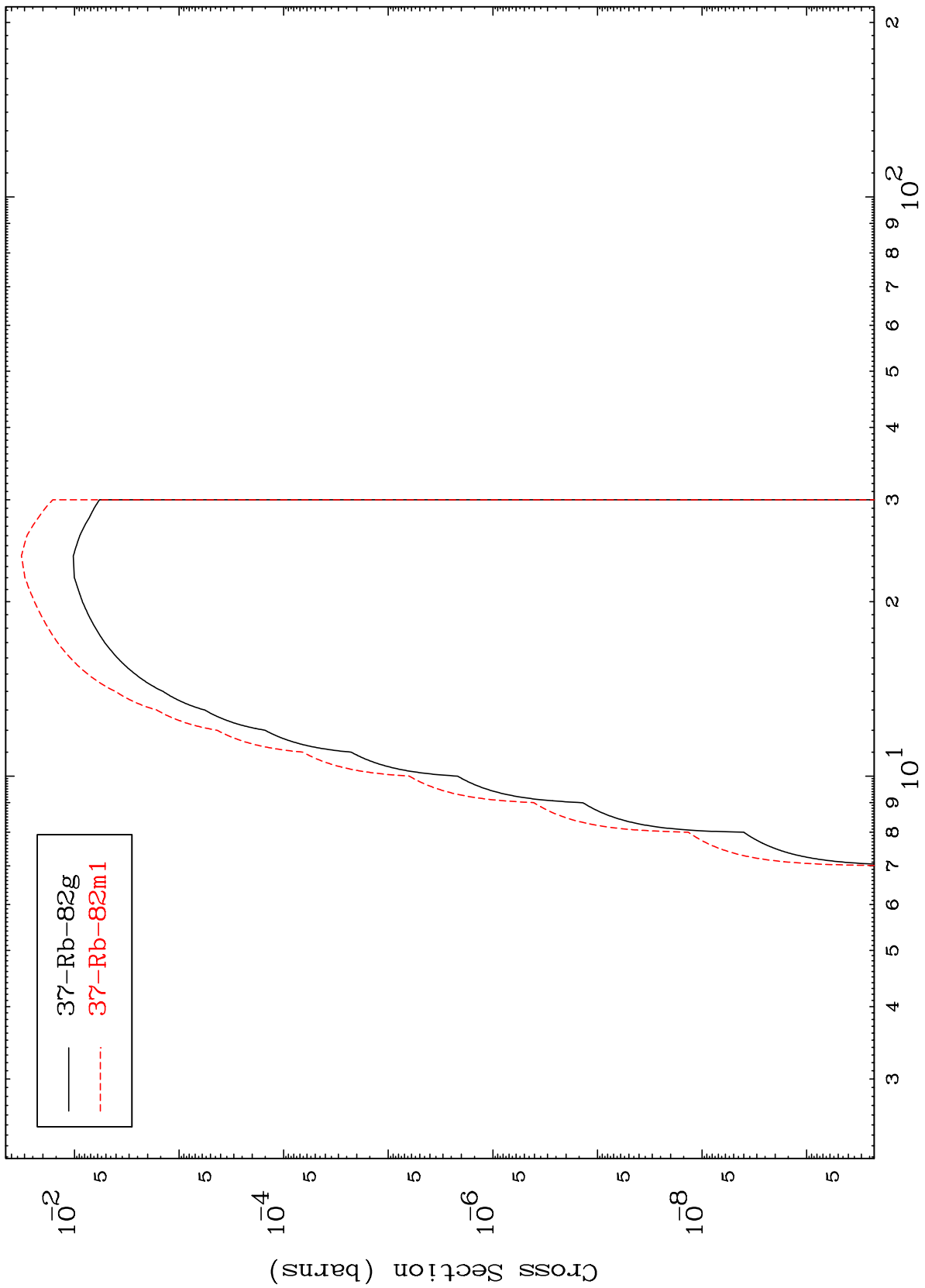


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38-Sr-85

(n,n')  $\alpha$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

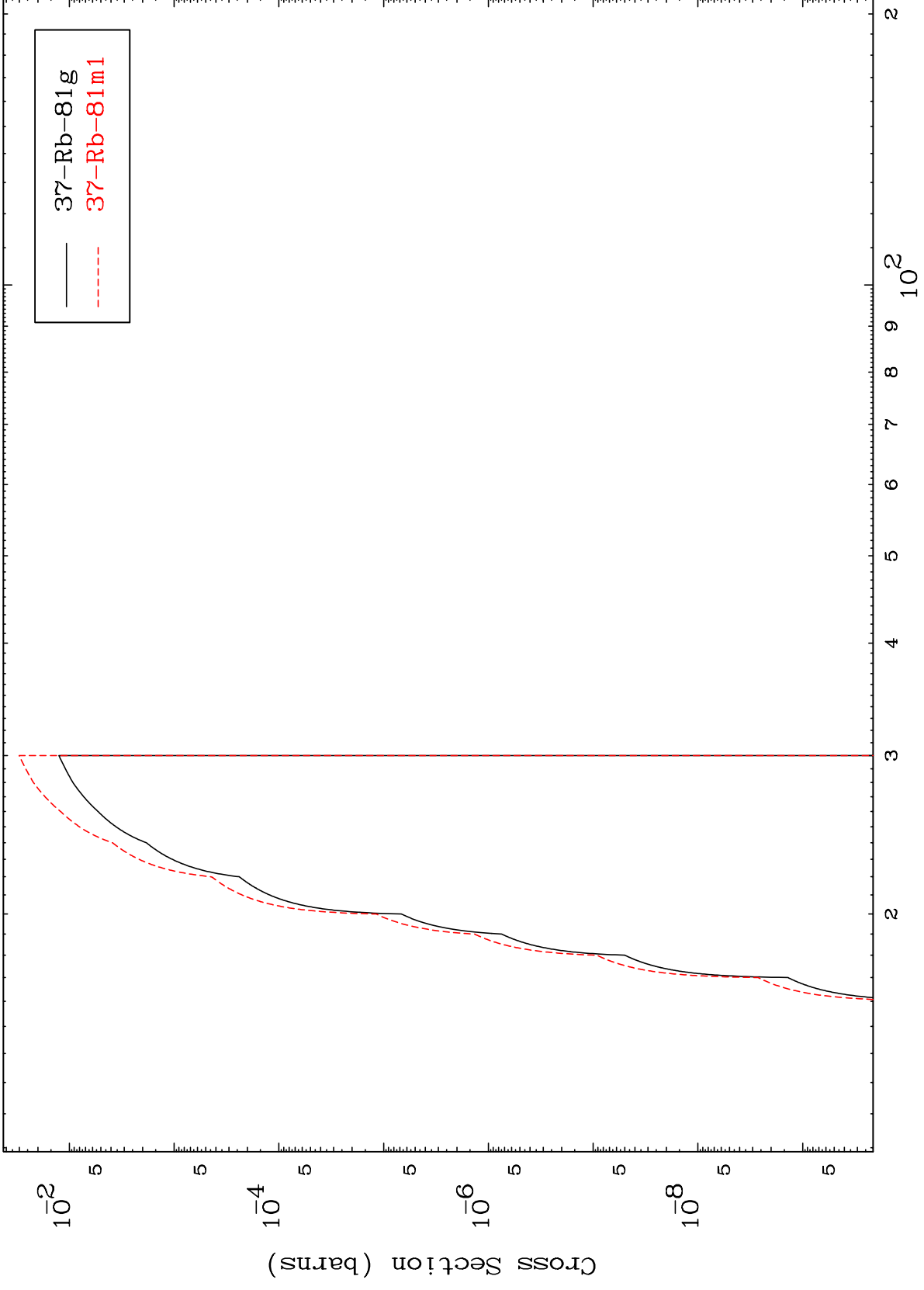
38-Sr-85

MAT 3828

$(n,2n) \alpha$

38-Sr-85

Radionuclide Production Cross Section



37-Rb-81g  
37-Rb-81m1

17

Incident Energy (MeV)

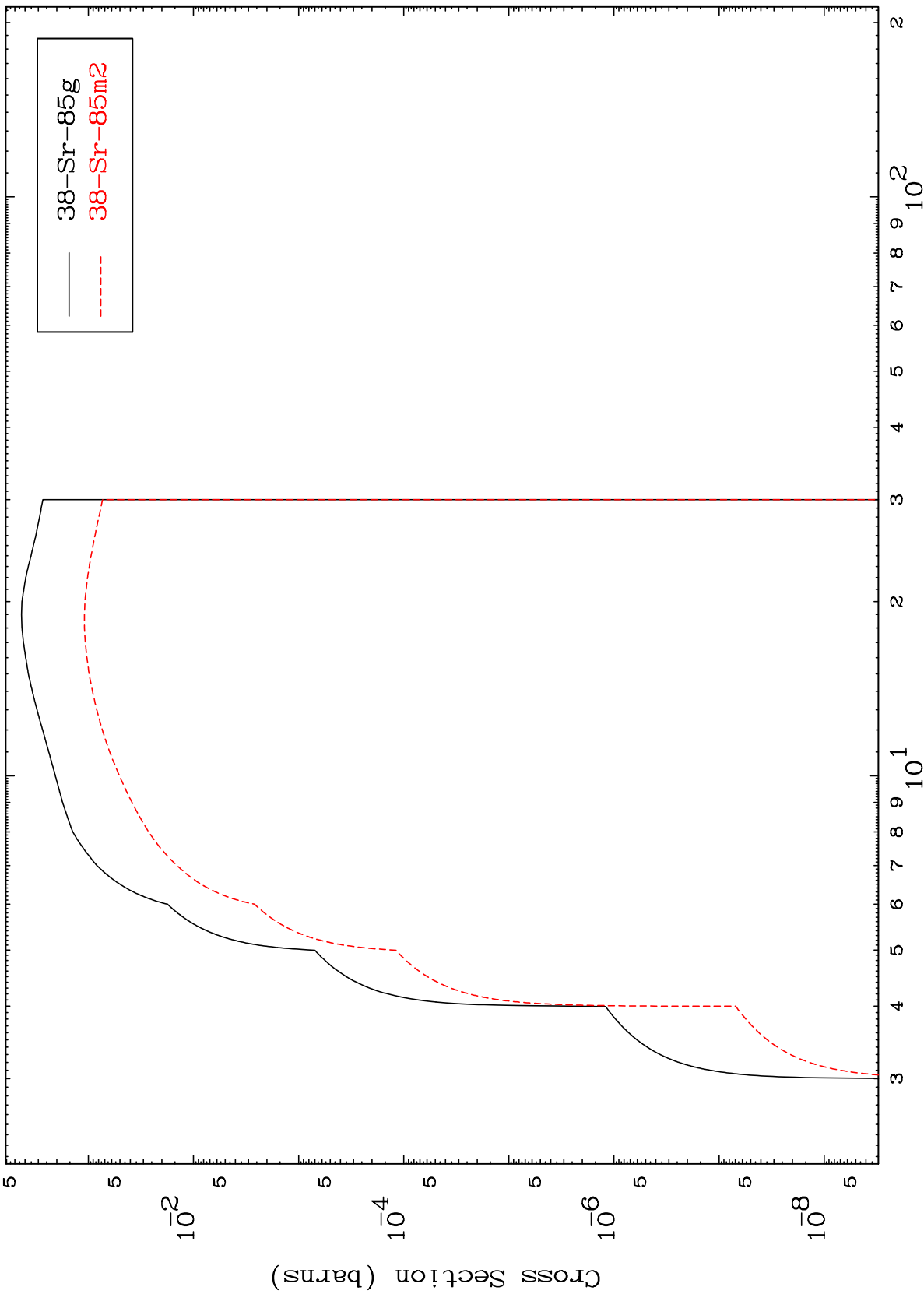
38-Sr-85

MAT 3828

(n,n') p

38-Sr-85

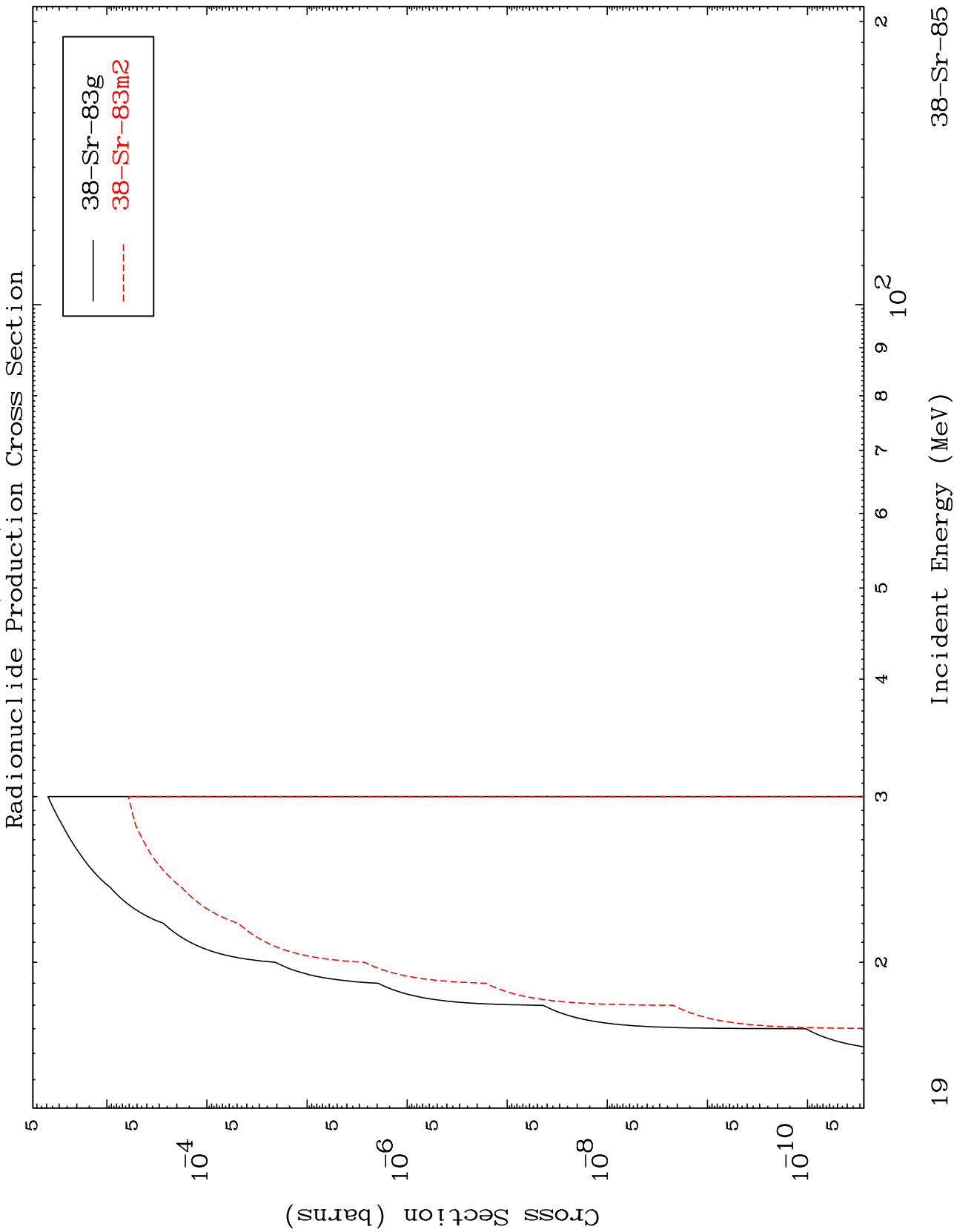
Radionuclide Production Cross Section



18

Incident Energy (MeV)

38-Sr-85

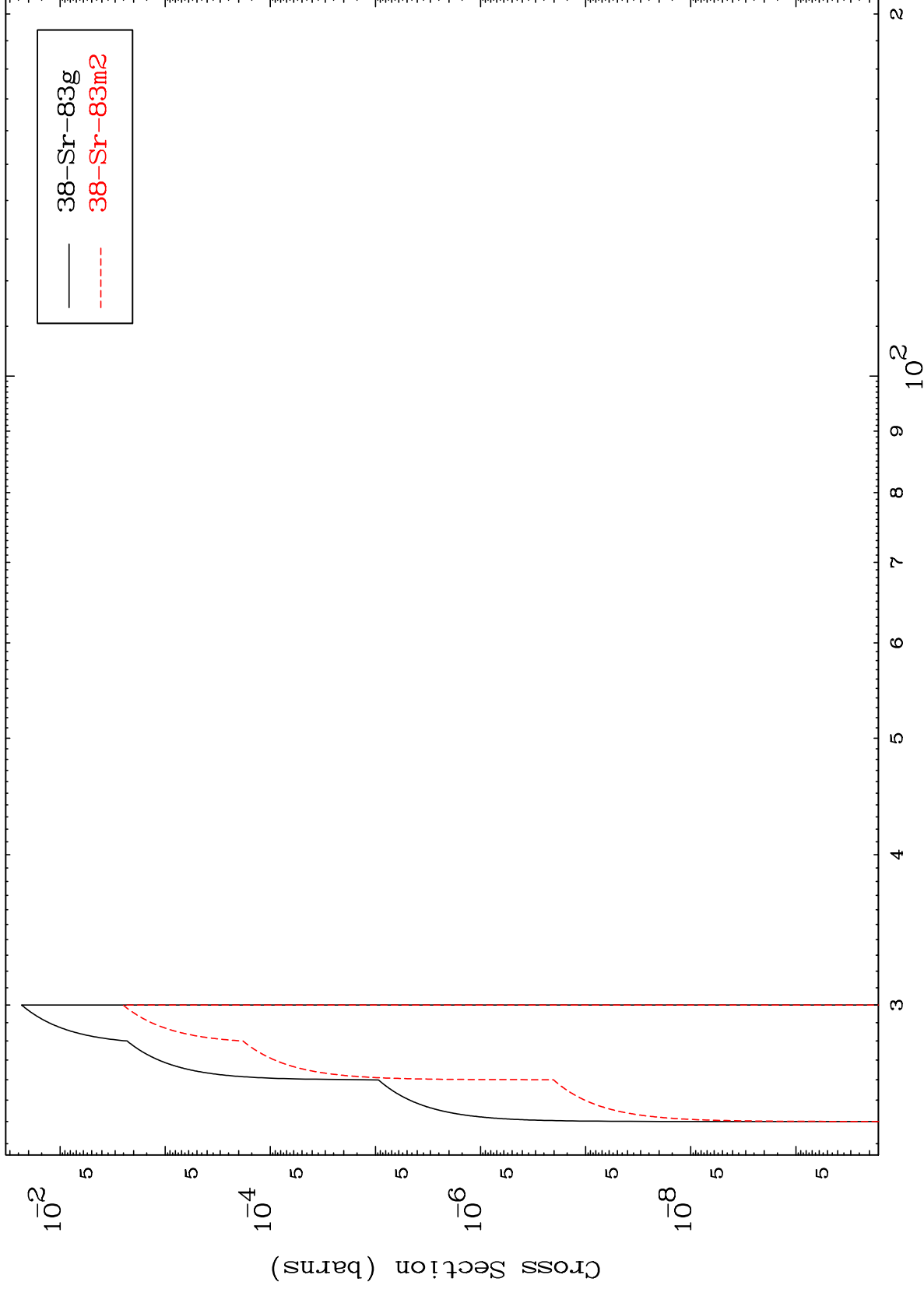


MAT 3828

(n,3n) p

38-Sr-85

Radionuclide Production Cross Section

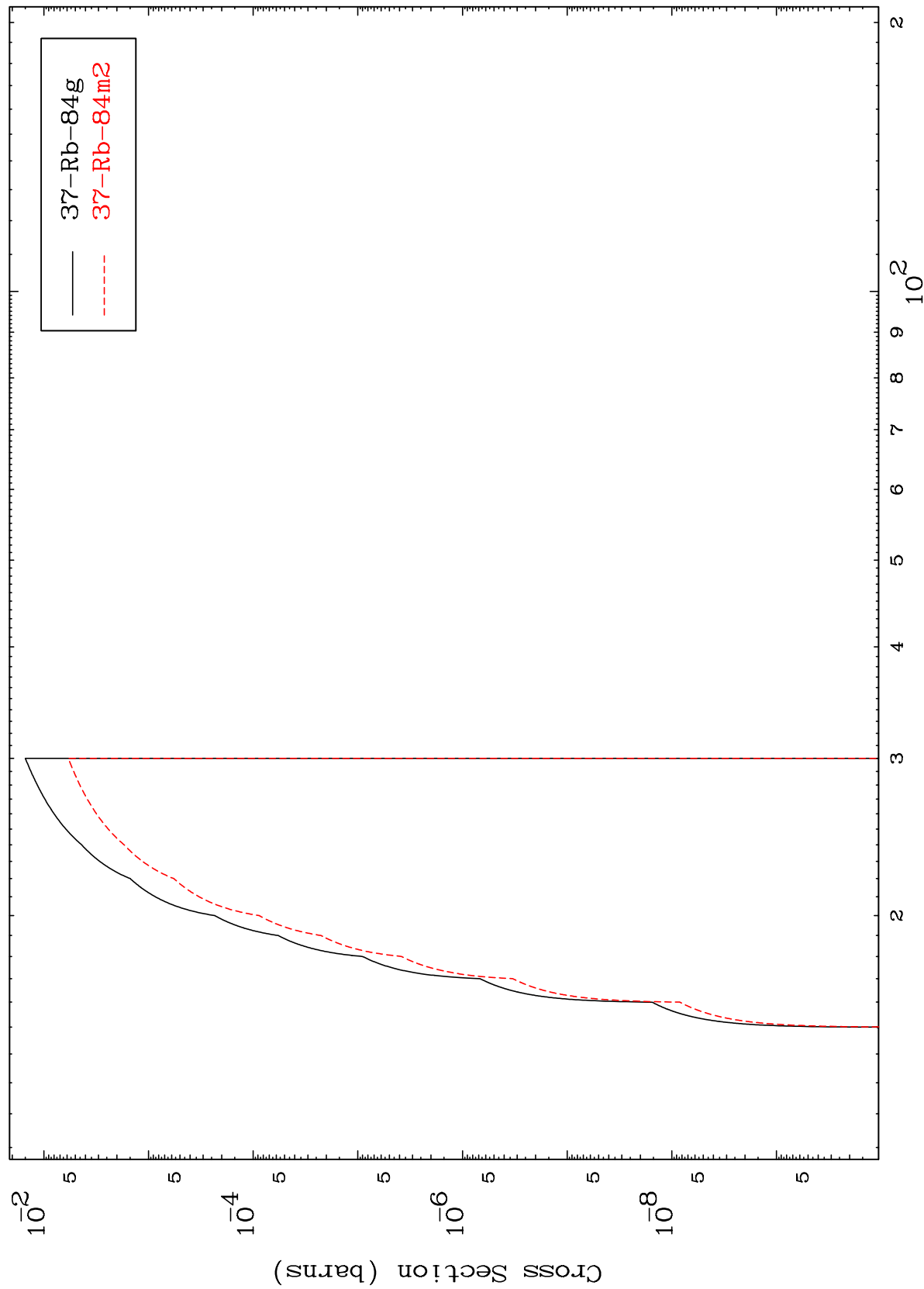


20

Incident Energy (MeV)

38-Sr-85

Radionuclide Production Cross Section



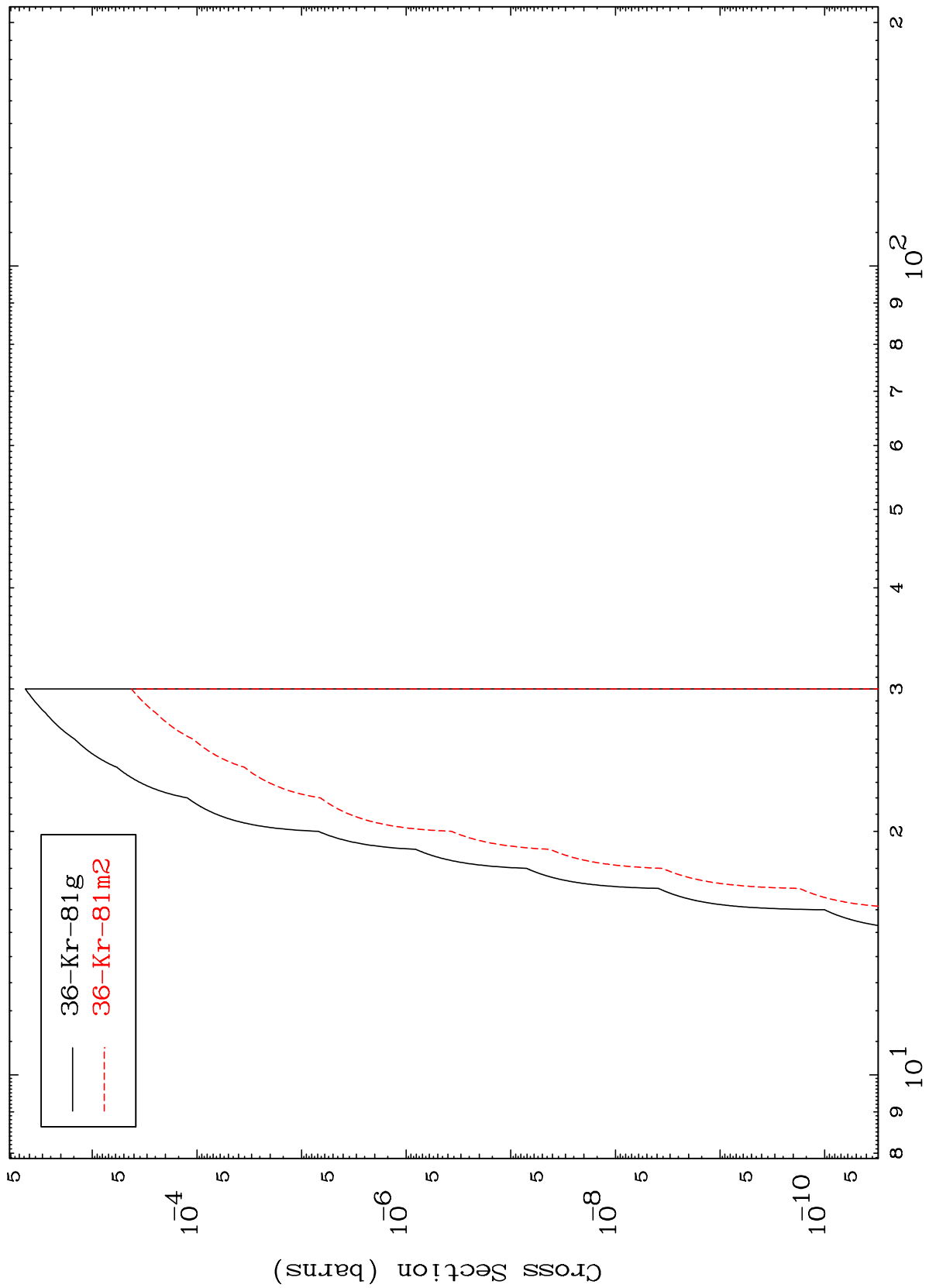
37-Rb-84g  
37-Rb-84m2

MAT 3828

(n,n') p  $\alpha$

38-Sr-85

Radionuclide Production Cross Section



36-Kr-81g  
36-Kr-81m2

22

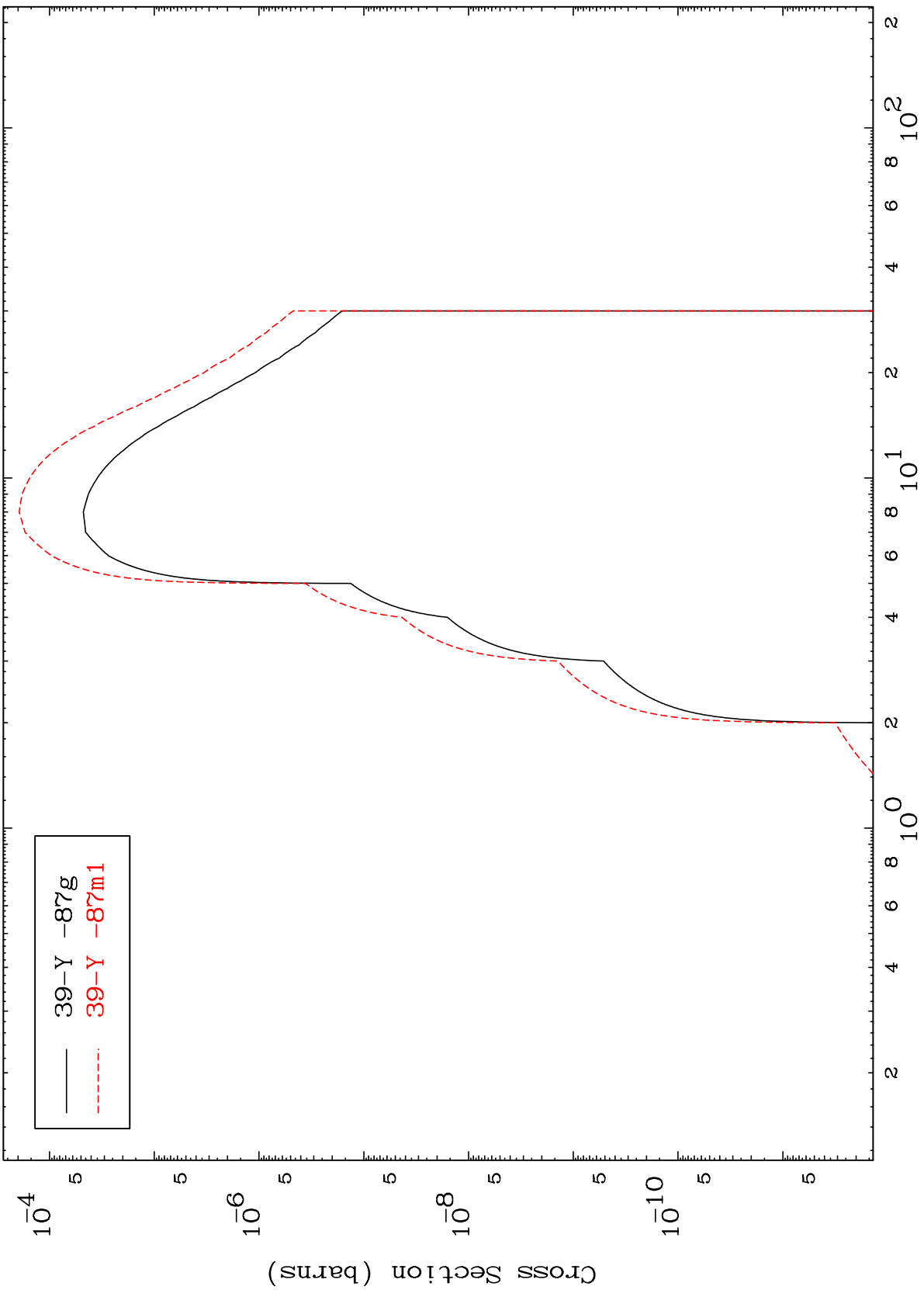
Incident Energy (MeV)

38-Sr-85

MAT 3828

38-Sr-85

(n,γ)  
Radionuclide Production Cross Section

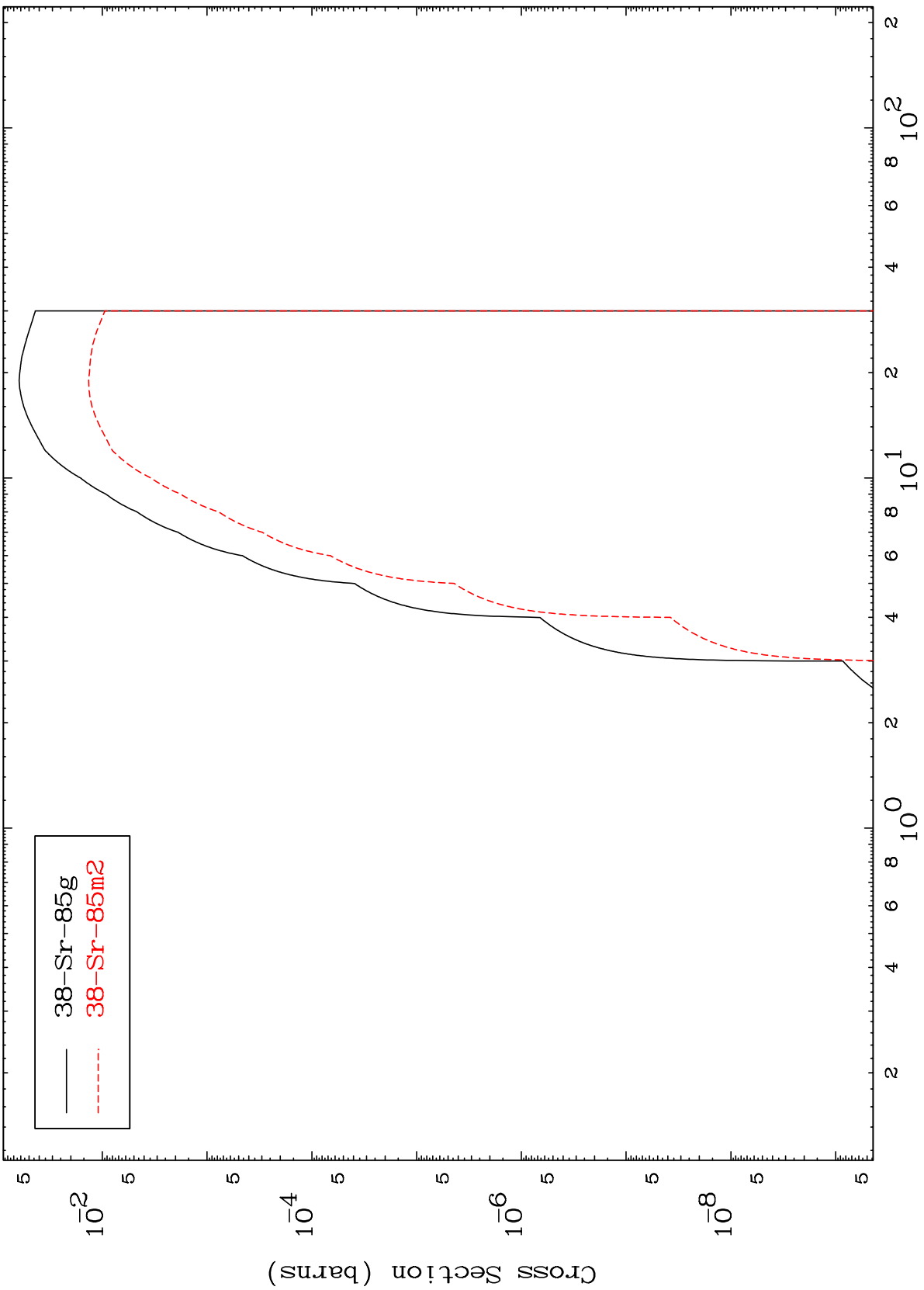




MAT 3828

38-Sr-85

(n,d)  
Radionuclide Production Cross Section



38-Sr-85

Incident Energy (MeV)

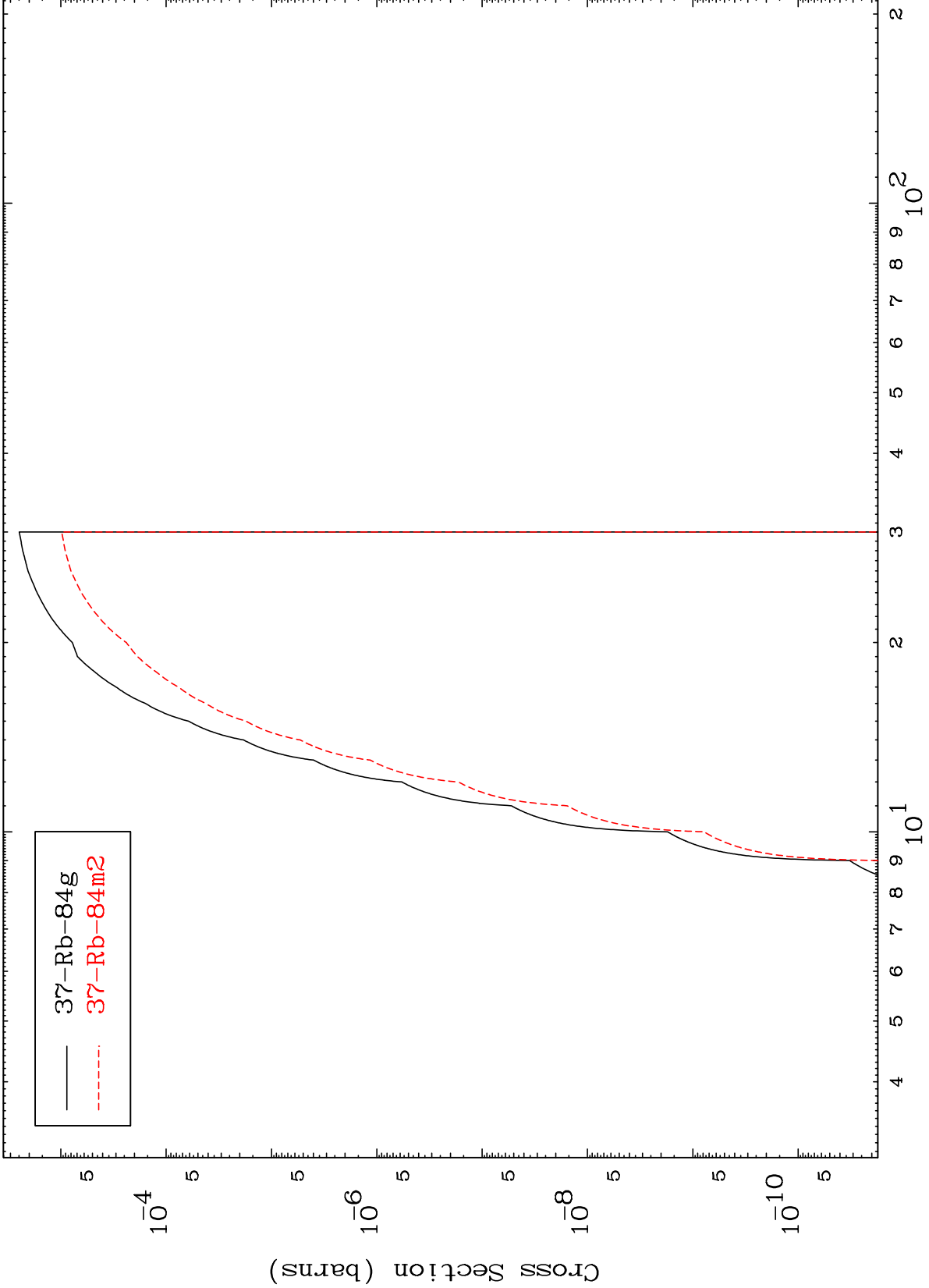
24

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(n,He-3)

38-Sr-85

Radionuclide Production Cross Section



25

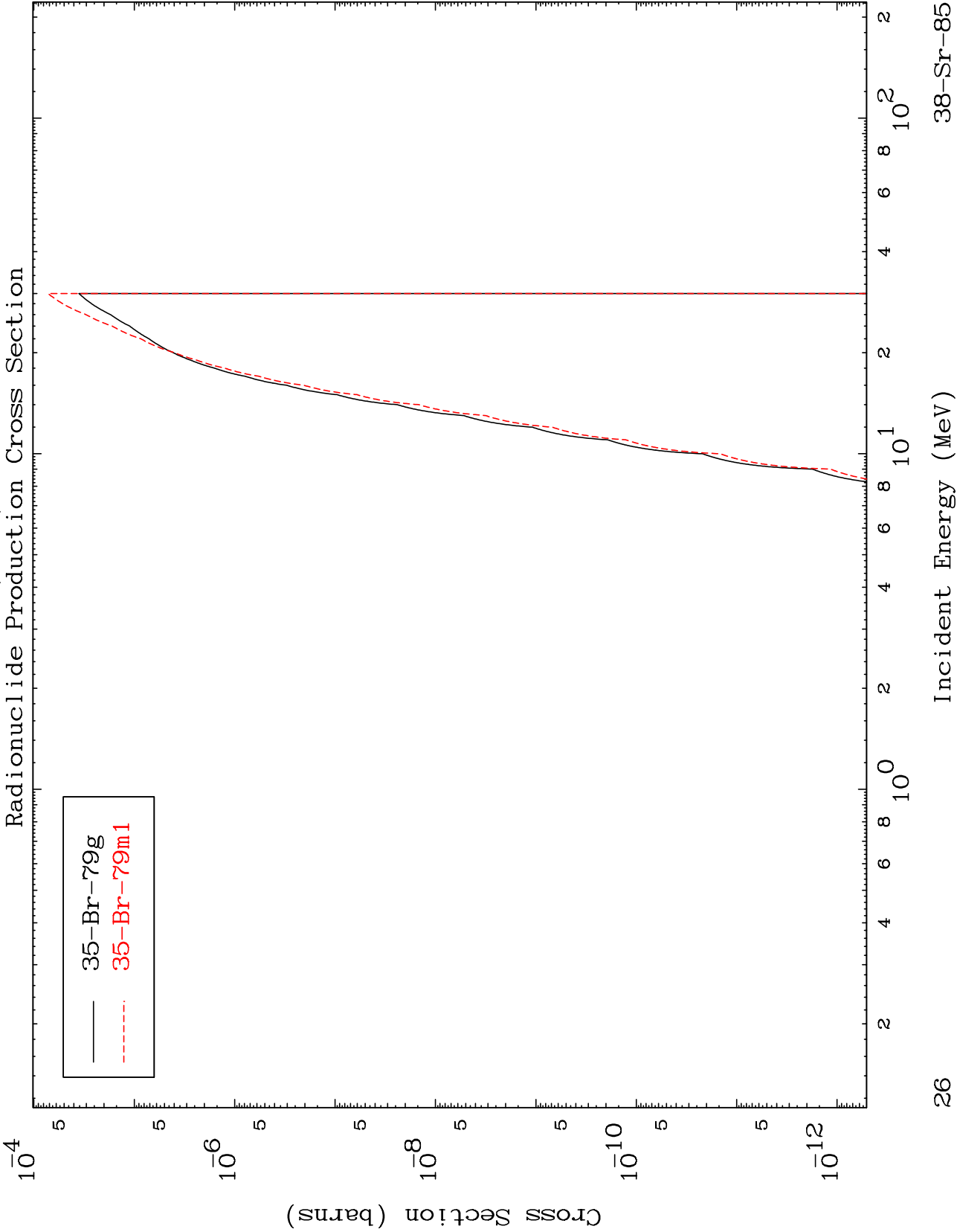
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,2α)

38-Sr-85

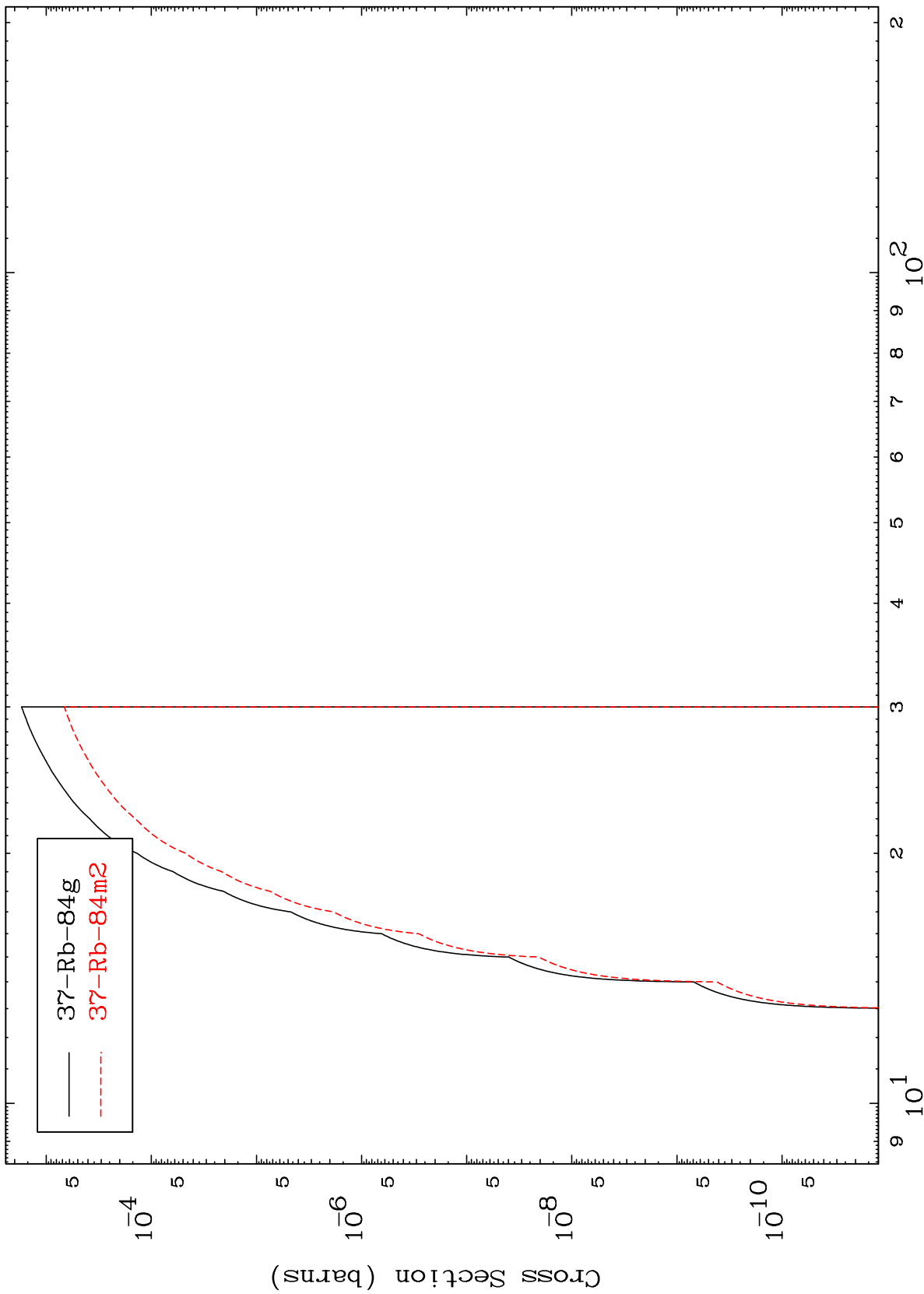


MAT 3828

(n,p) d

38-Sr-85

Radionuclide Production Cross Section



27

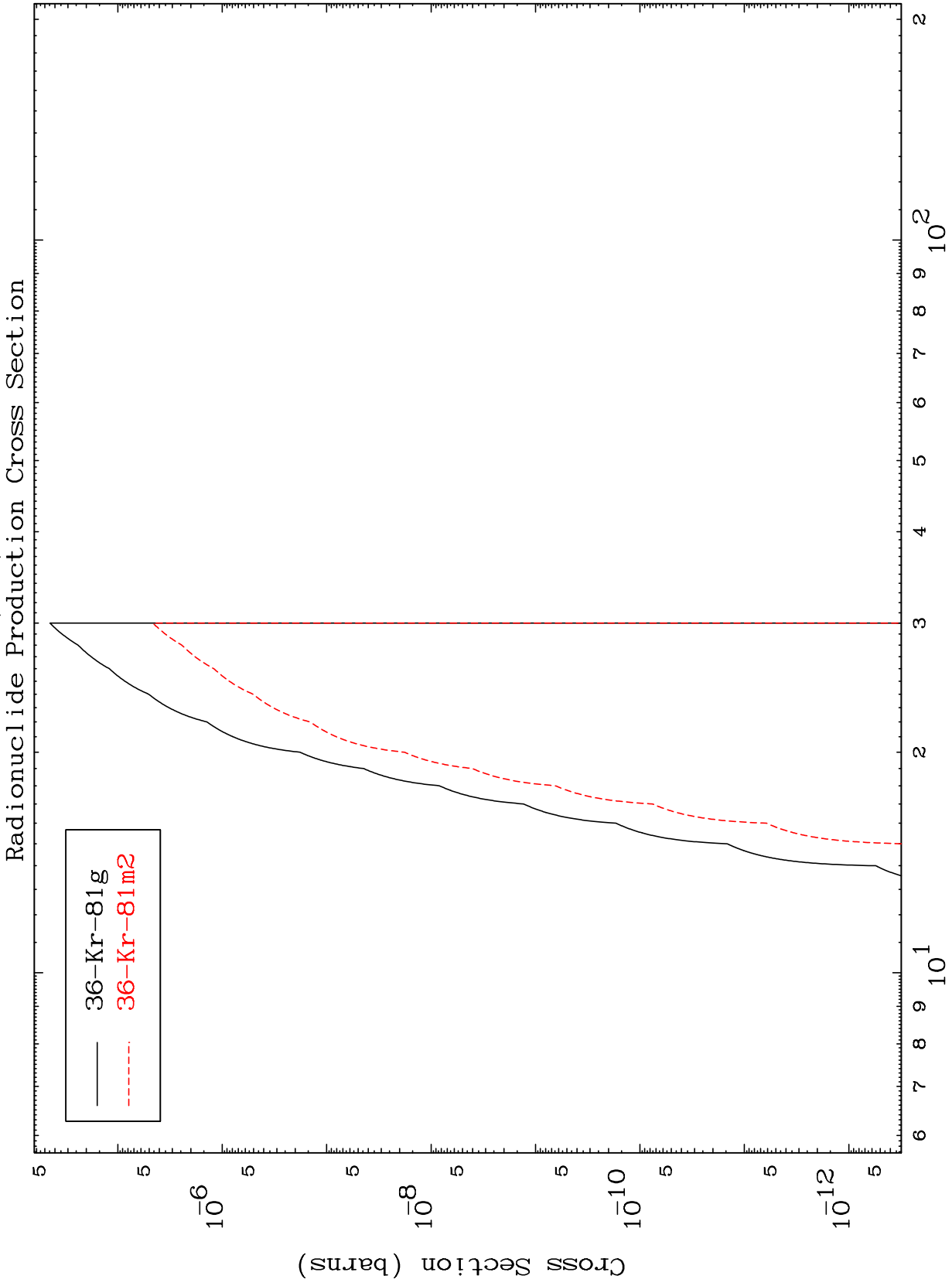
Incident Energy (MeV)

38-Sr-85

MAT 3828

(n,d)  $\alpha$

38-Sr-85



28

Incident Energy (MeV)

38-Sr-85