

Program EVALPLOT
(Version 2021-1)

by

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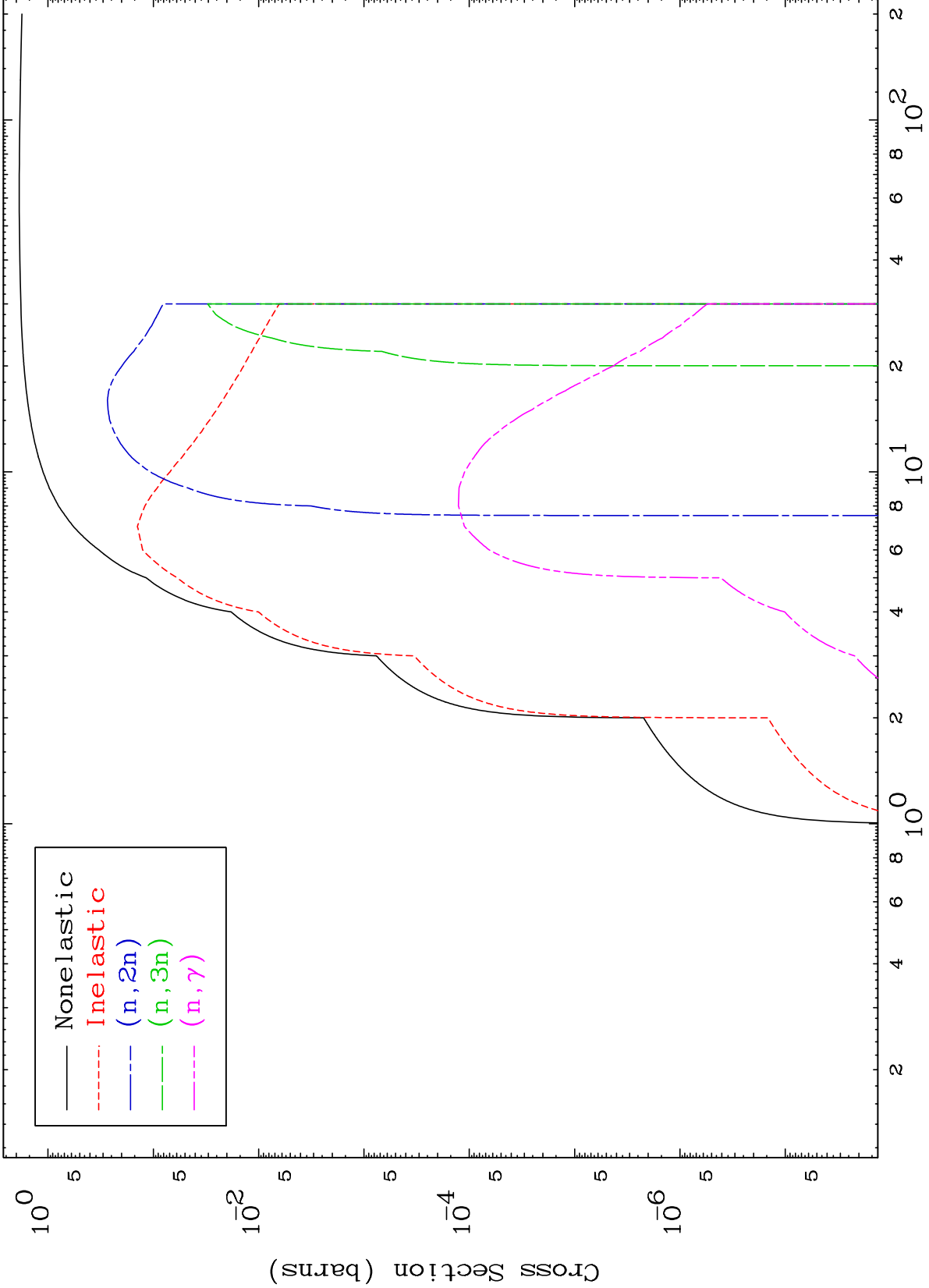
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3823

Deuteron Major
0 Kelvin Cross Sections

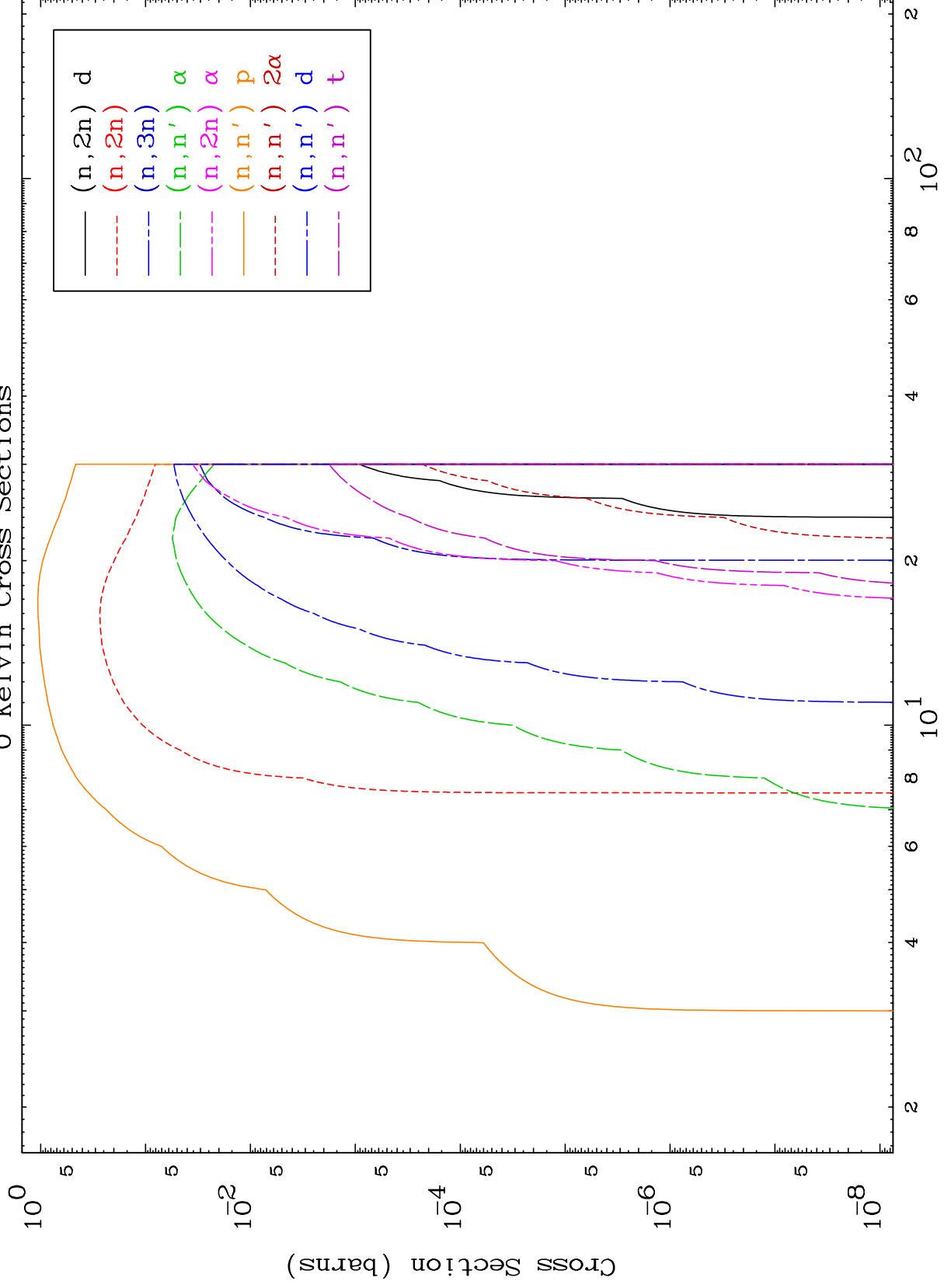
38-Sr-83m



MAT 3823

Deuteron Neutron Absorption
0 Kelvin Cross Sections

38-Sr-83m



2

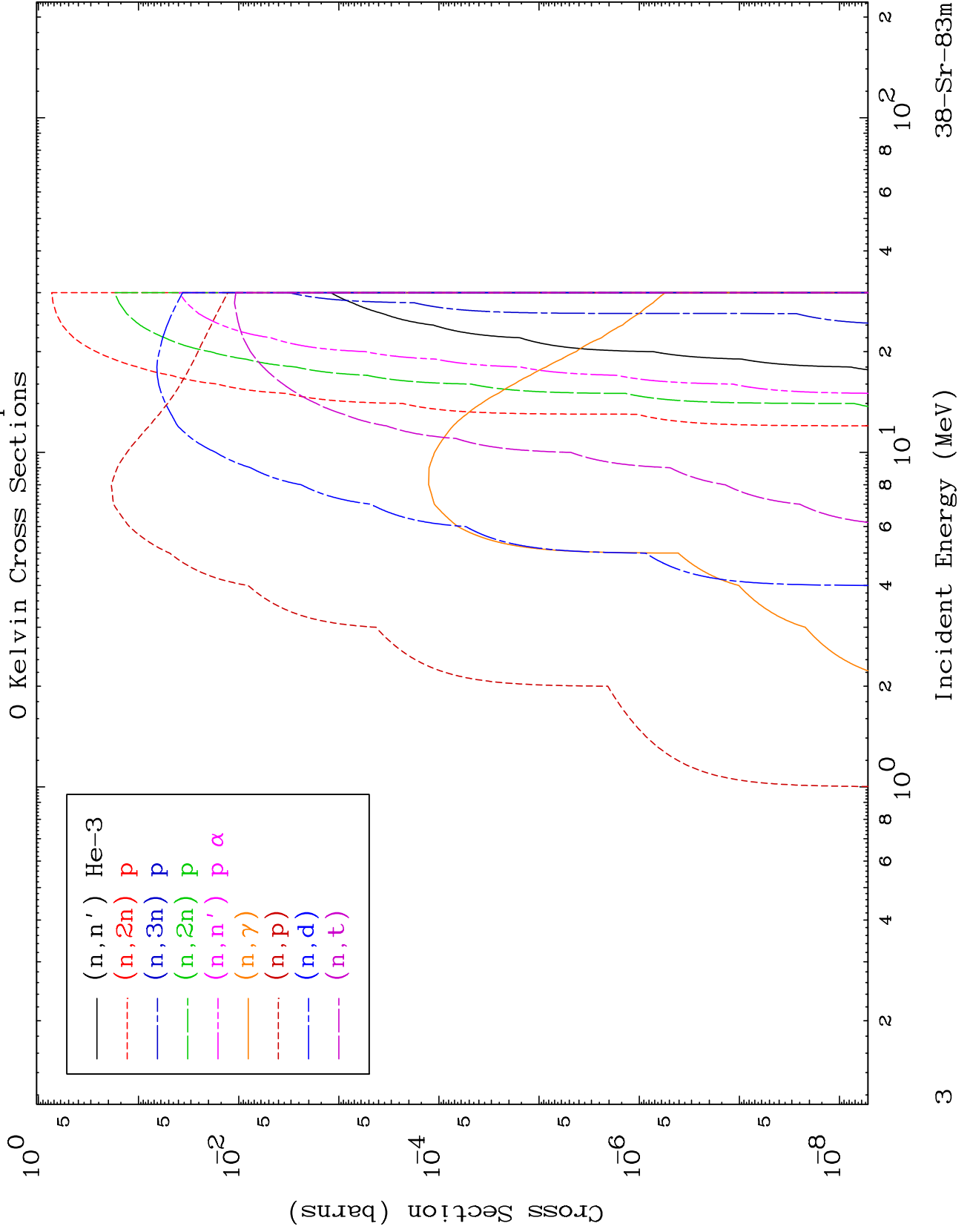
Incident Energy (MeV)

38-Sr-83m

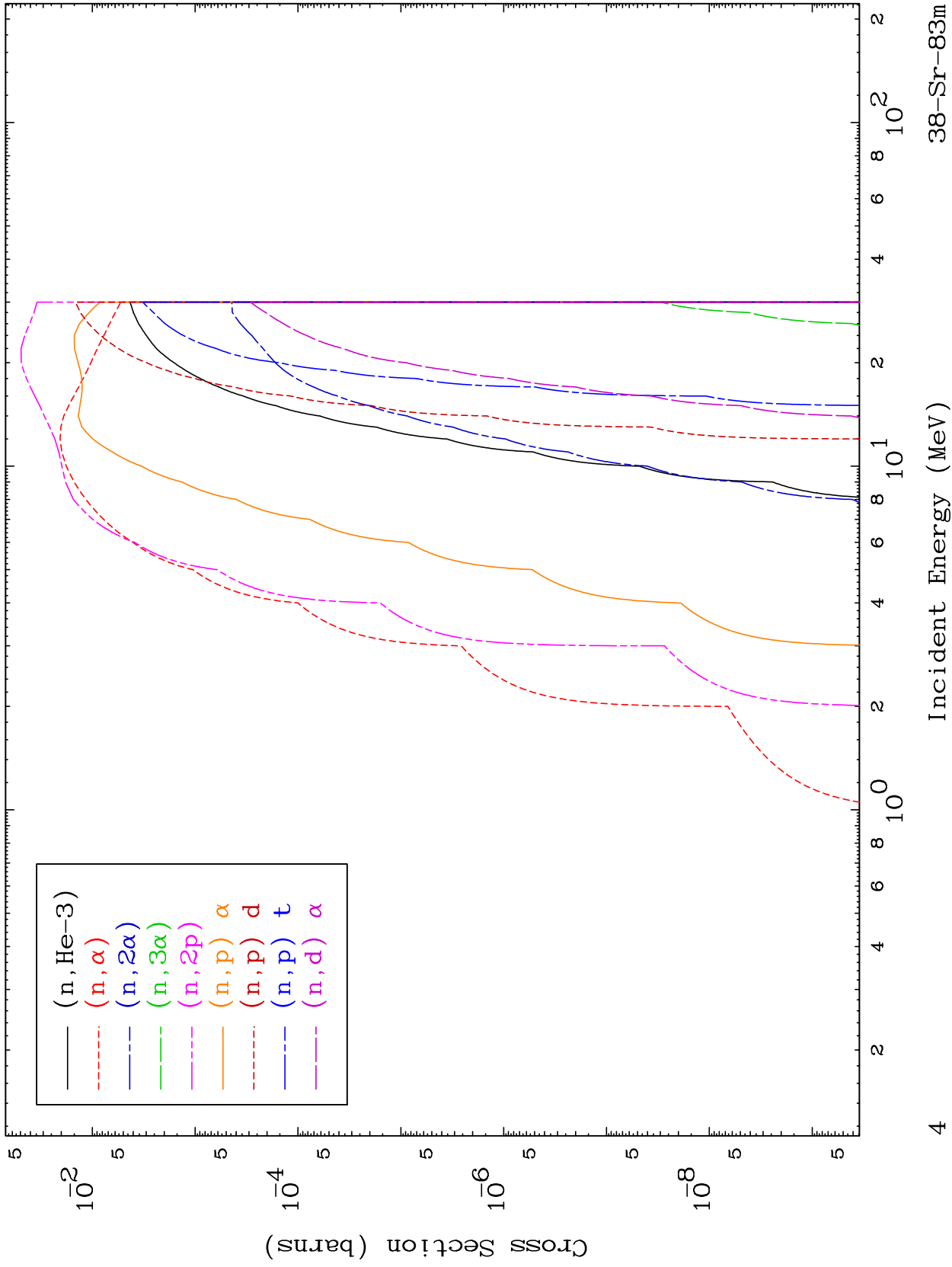
MAT 3823

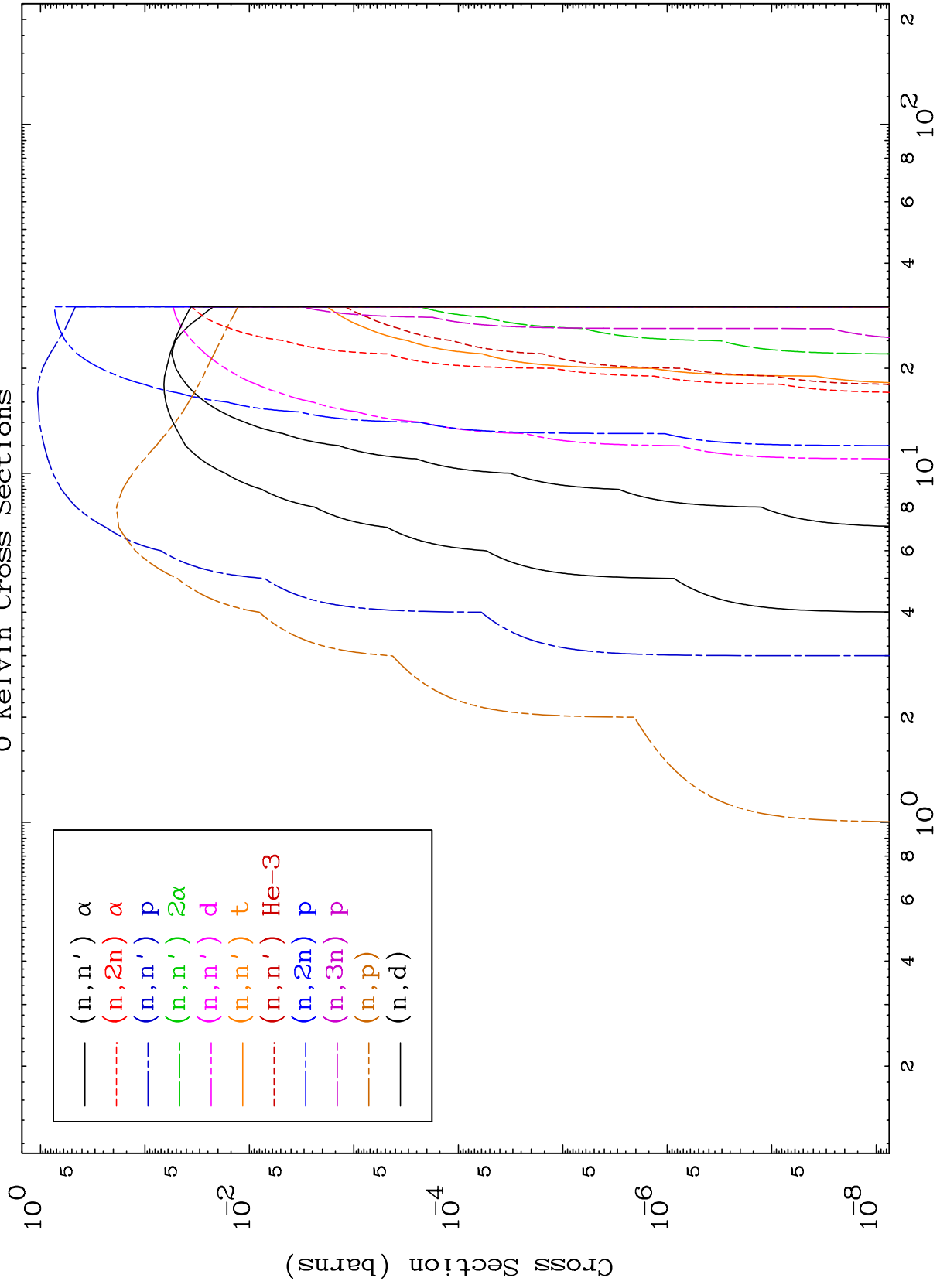
Deuteron Neutron Absorption
0 Kelvin Cross Sections

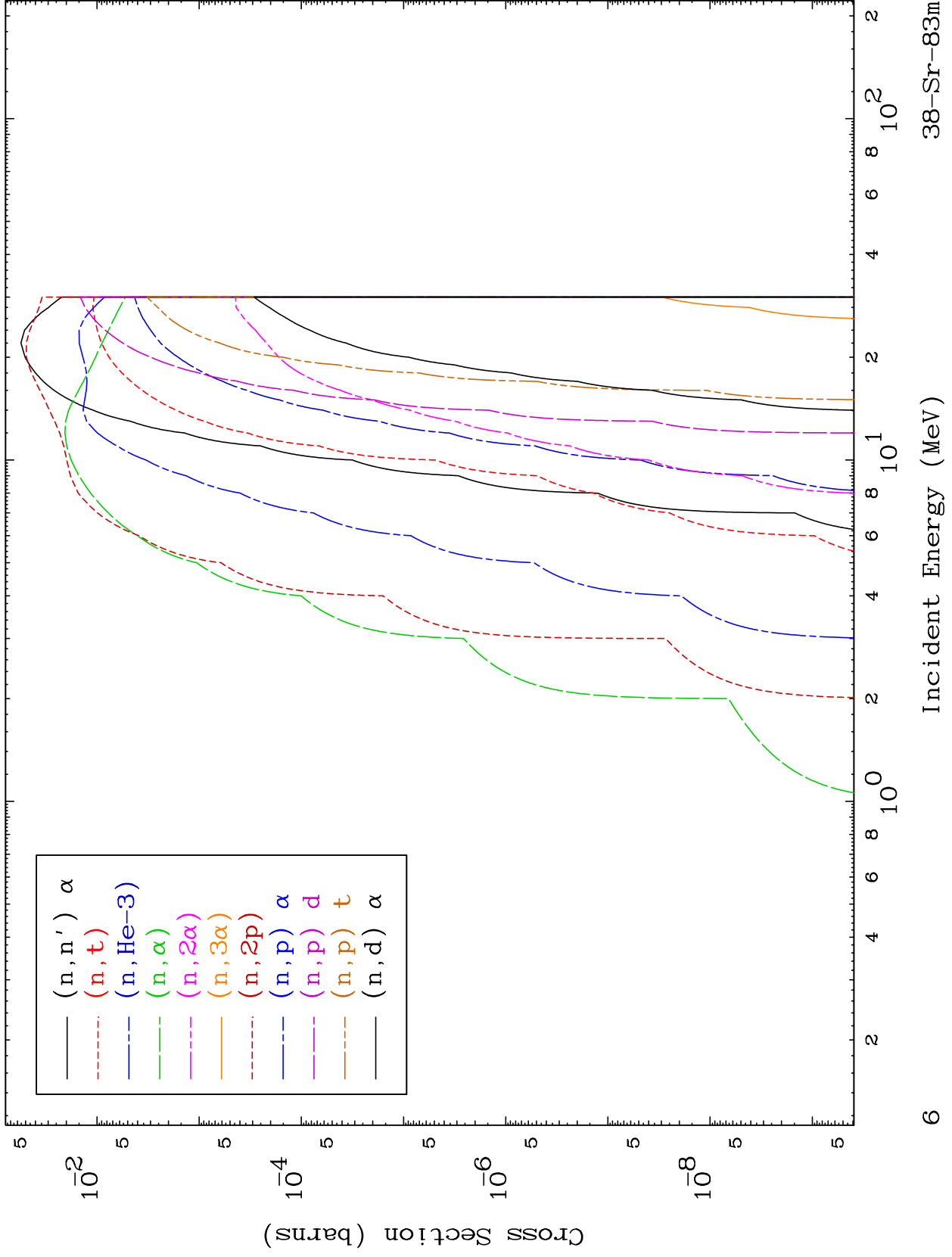
38-Sr-83m



Deuteron Neutron Absorption
0 Kelvin Cross Sections



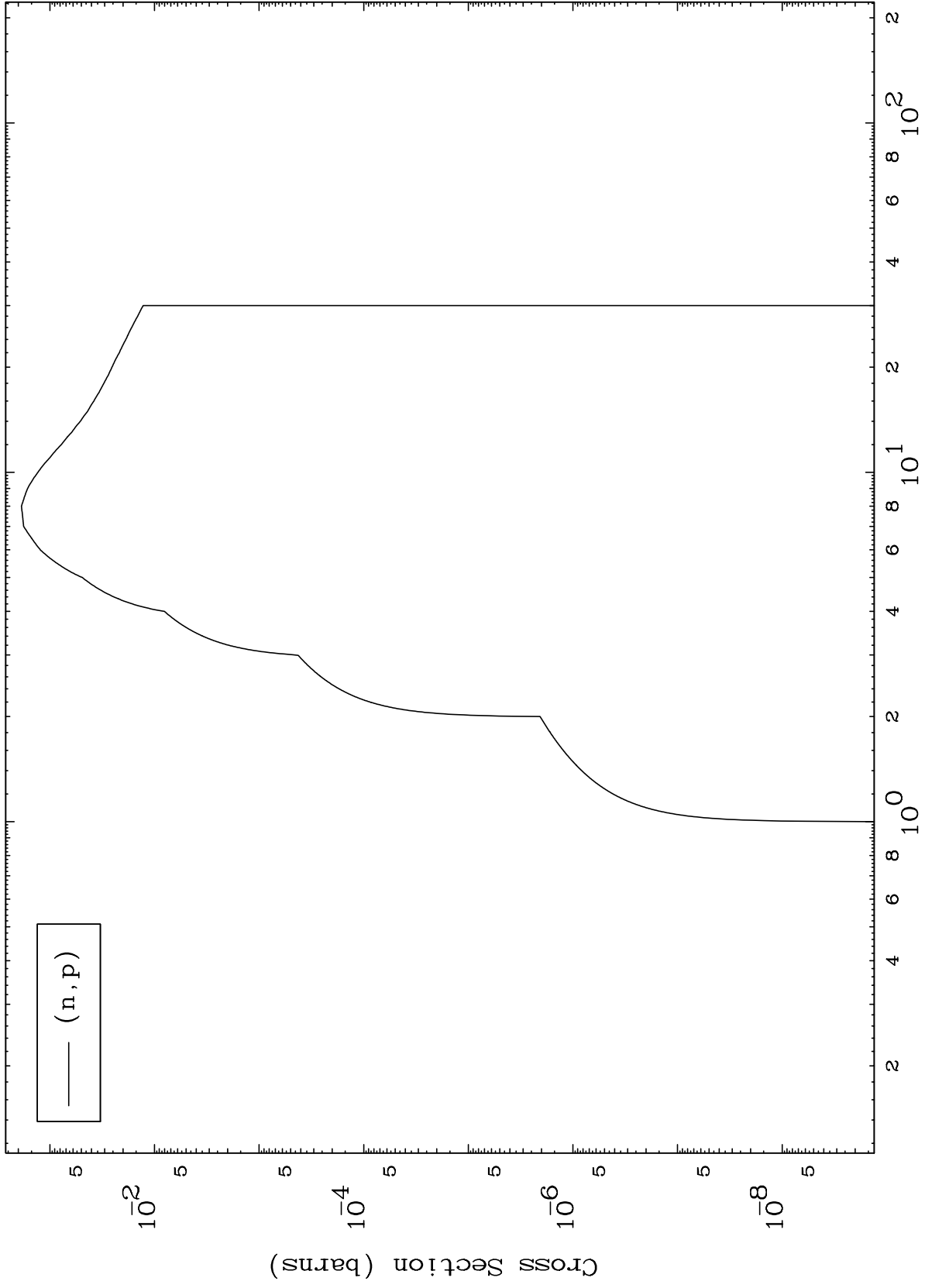




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38-Sr-83m

(d,p) Levels
0 Kelvin Cross Sections



38-Sr-83m

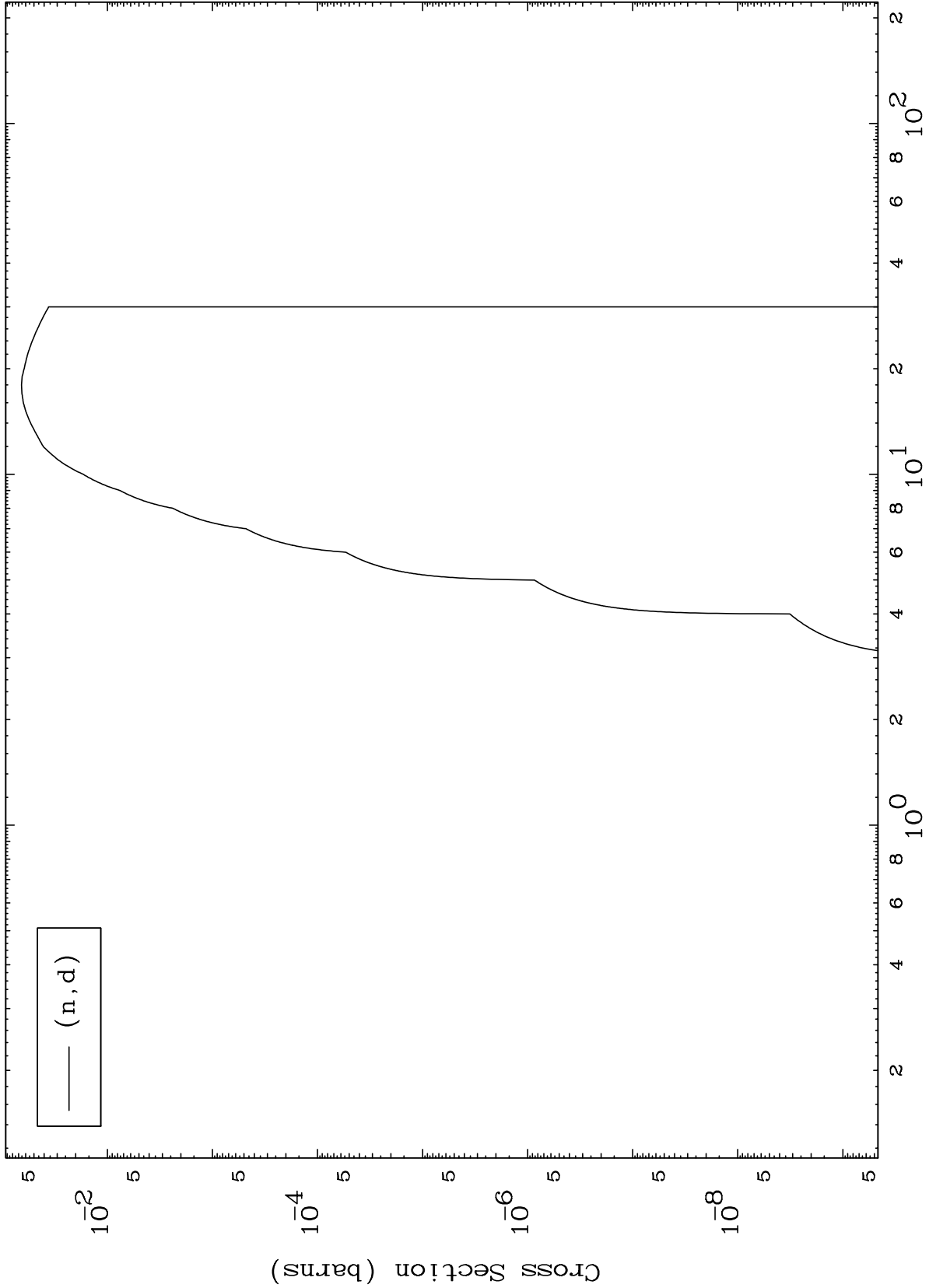
Incident Energy (MeV)

MAT 3823

(d,d) Levels

38-Sr-83m

0 Kelvin Cross Sections

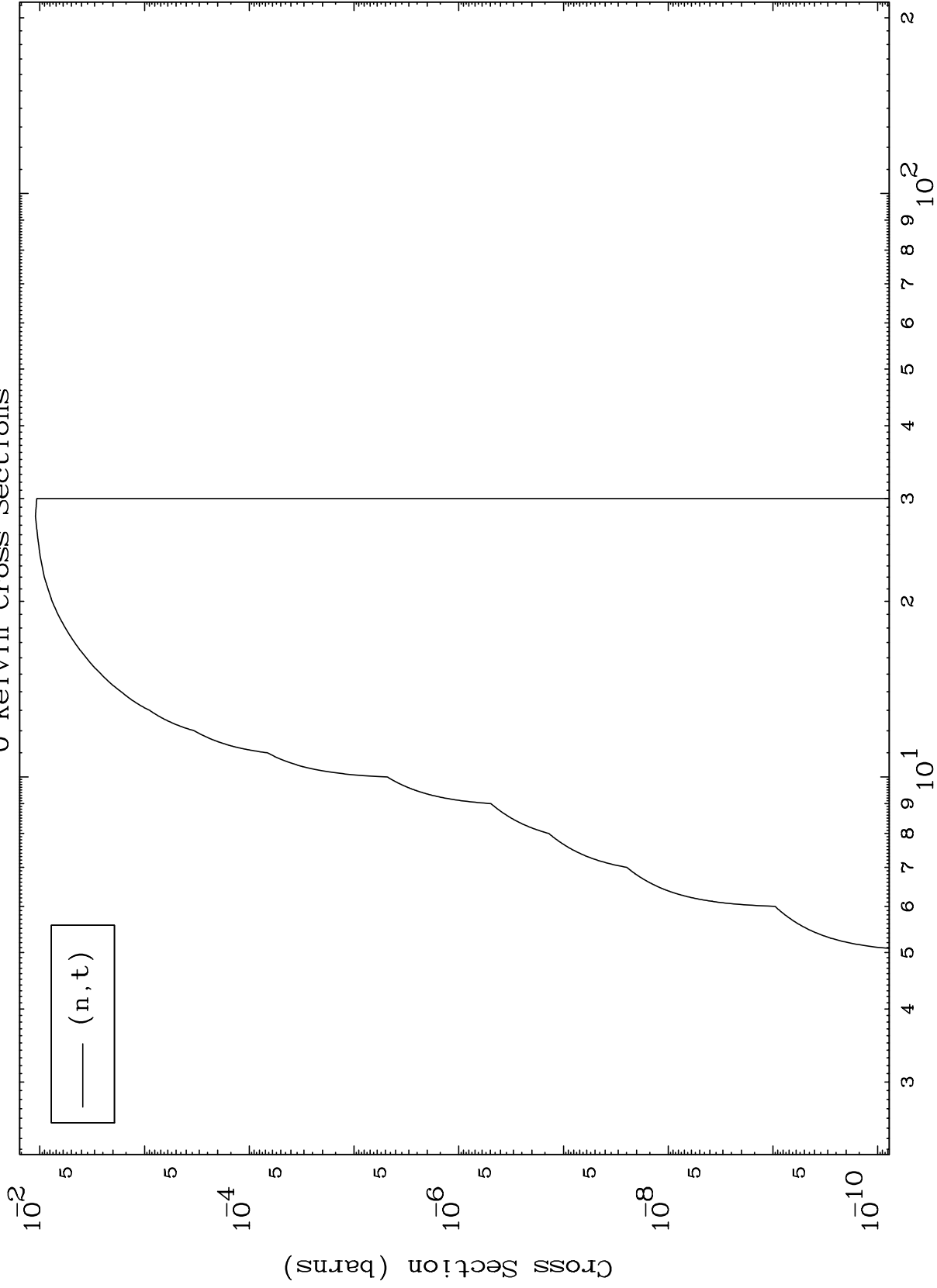


MAT 3823

(d, t) Levels

38-Sr-83m

0 Kelvin Cross Sections

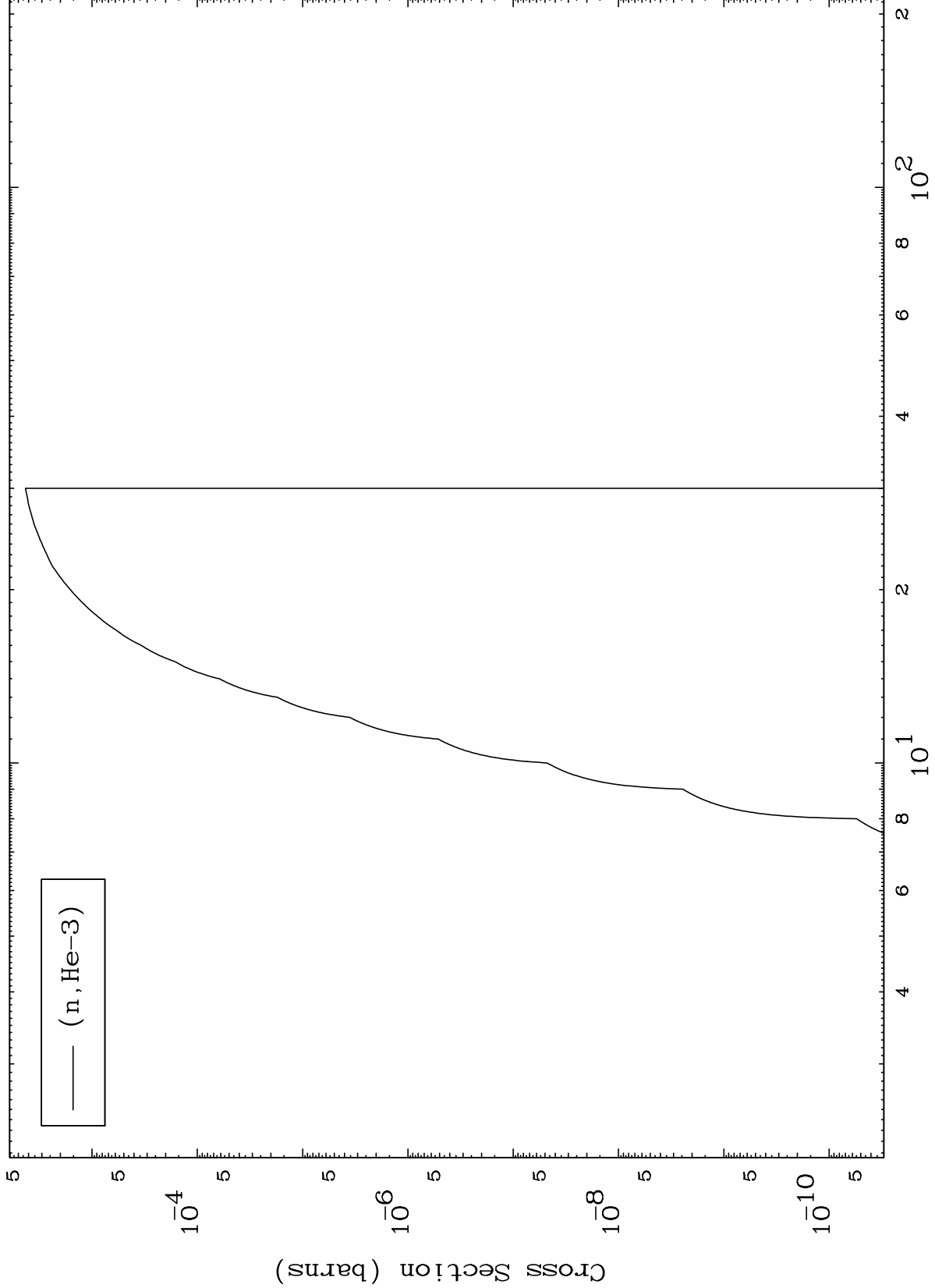


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(d,He3) Levels

38-Sr-83m

0 Kelvin Cross Sections



10

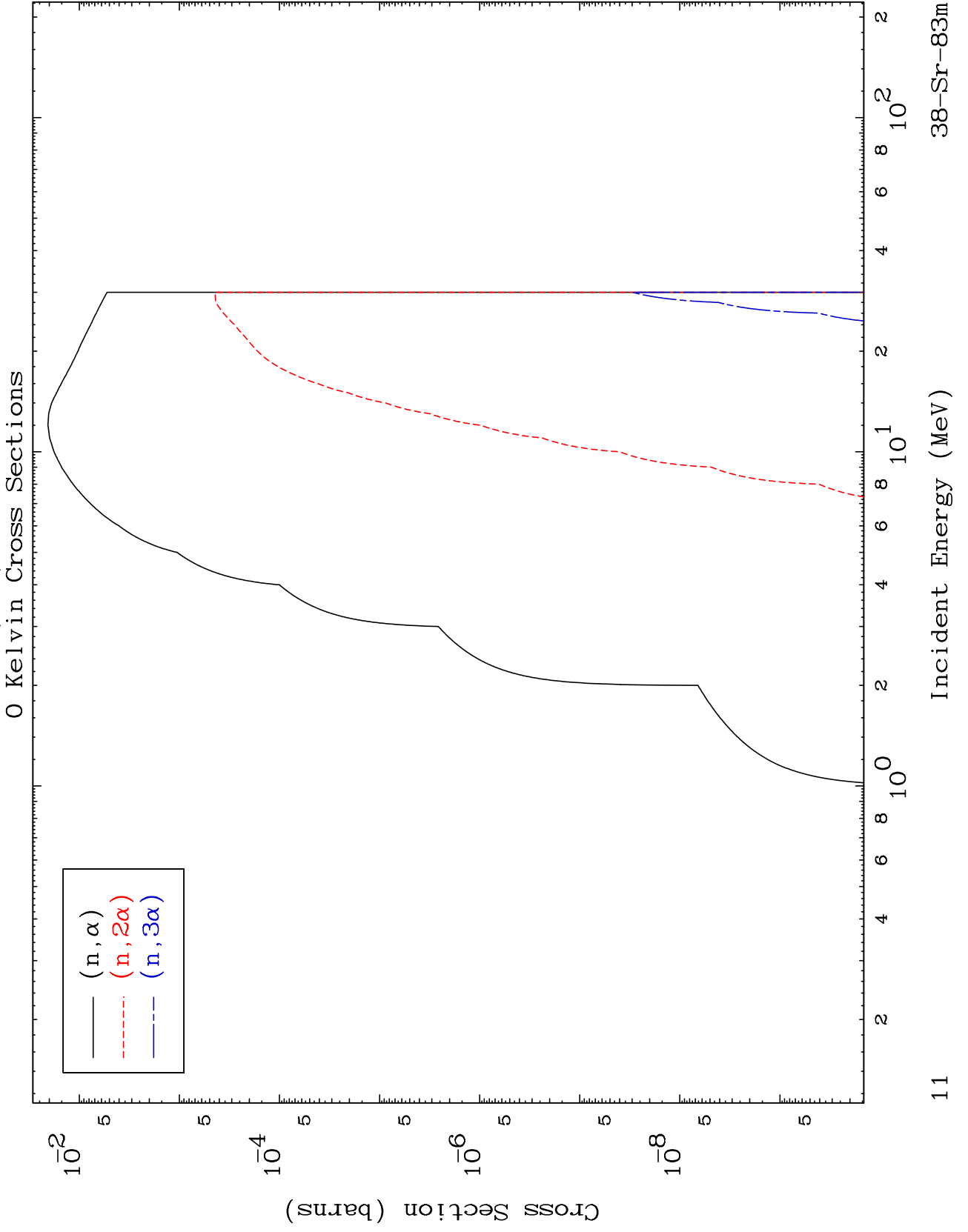
Incident Energy (MeV)

38-Sr-83m

MAT 3823

(d, α) Levels

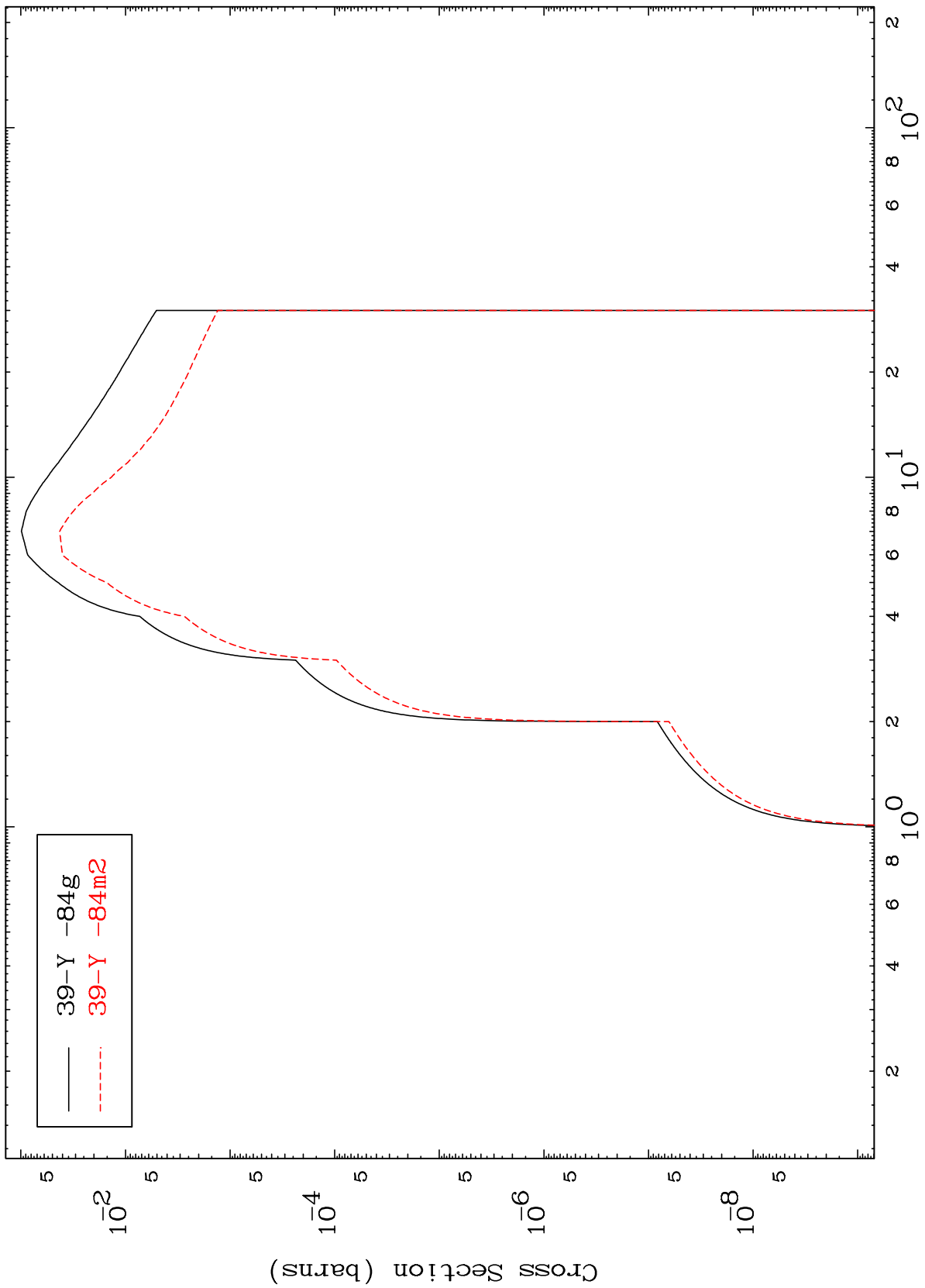
38-Sr-83m



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38-Sr-83m

Inelastic
Radionuclide Production Cross Section



— 39-Y -84g
- - - 39-Y -84m2

38-Sr-83m

Incident Energy (MeV)

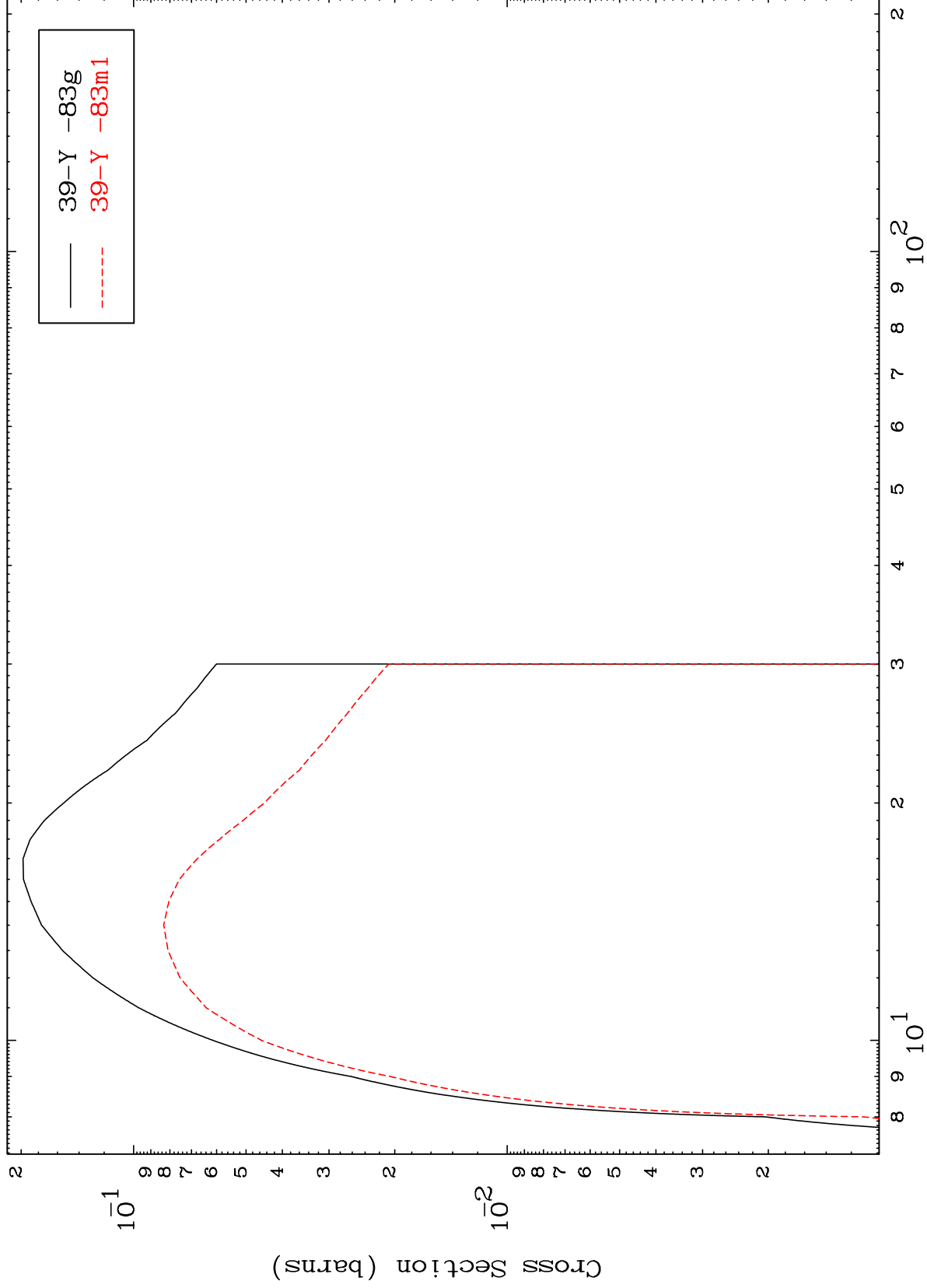
12

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(n,2n)

38-Sr-83m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

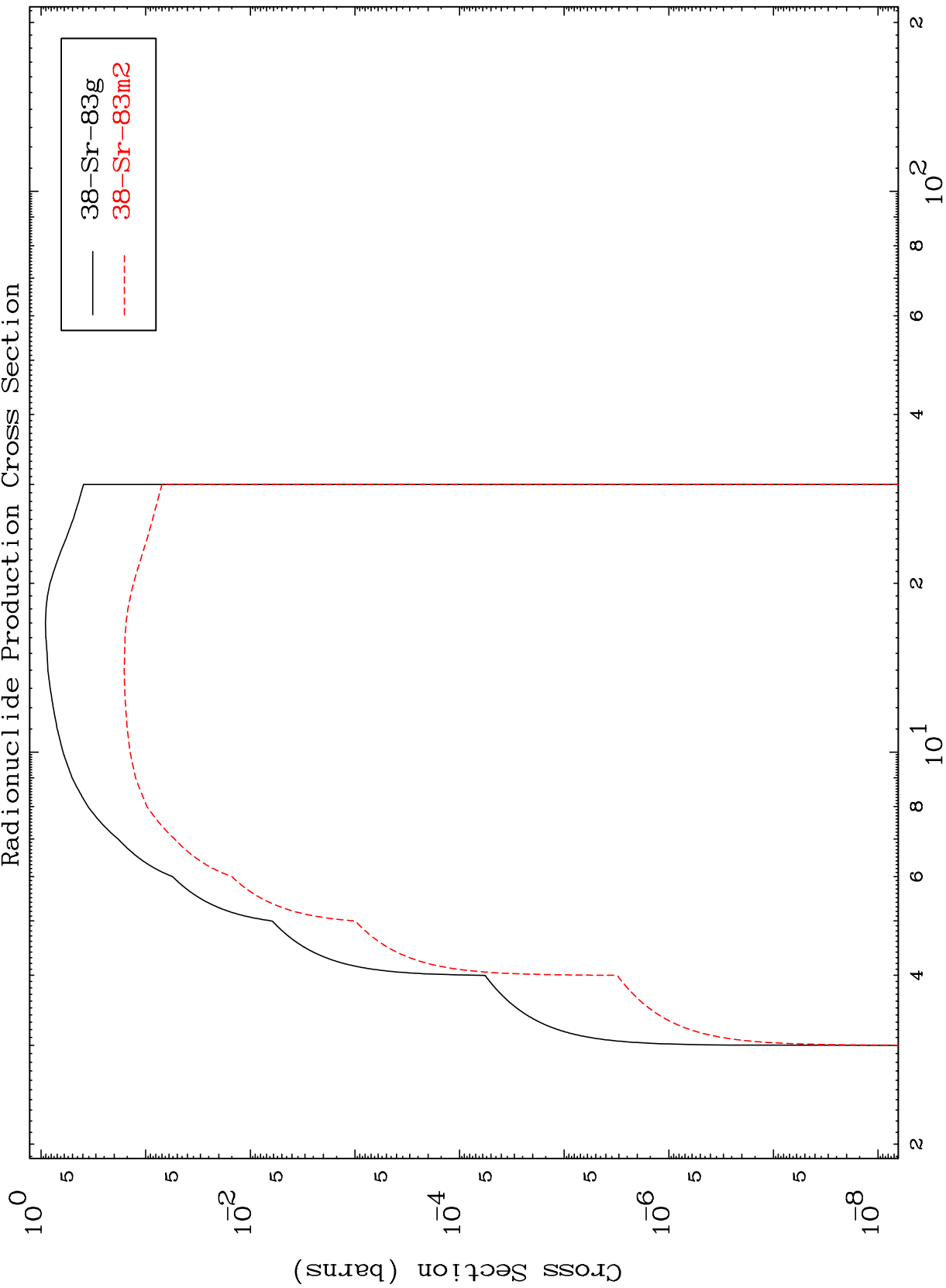
38-Sr-83m

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(n,n') p

³⁸Sr-⁸³m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

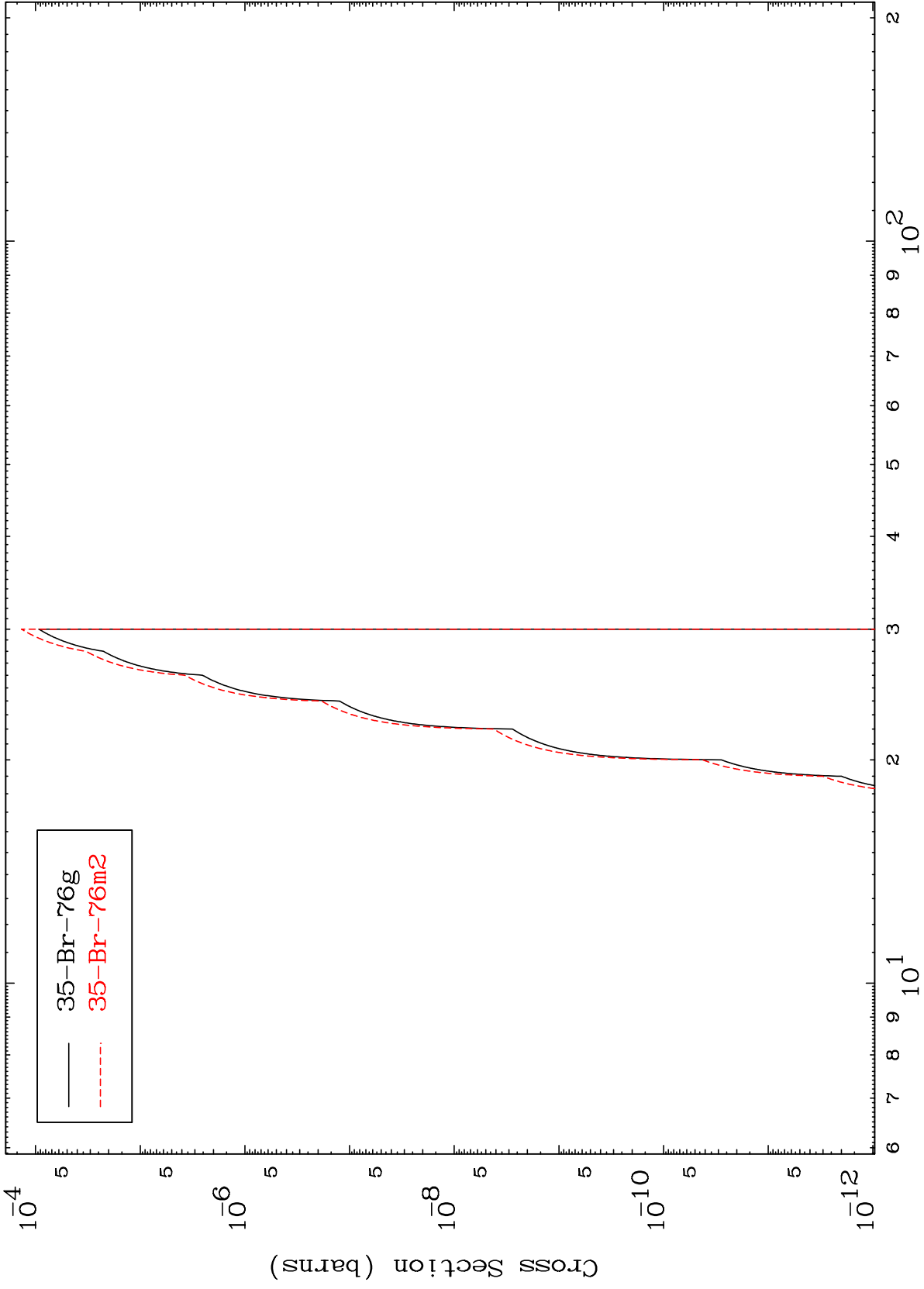
³⁸Sr-⁸³m

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(n,n') 2α

38-Sr-83m

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

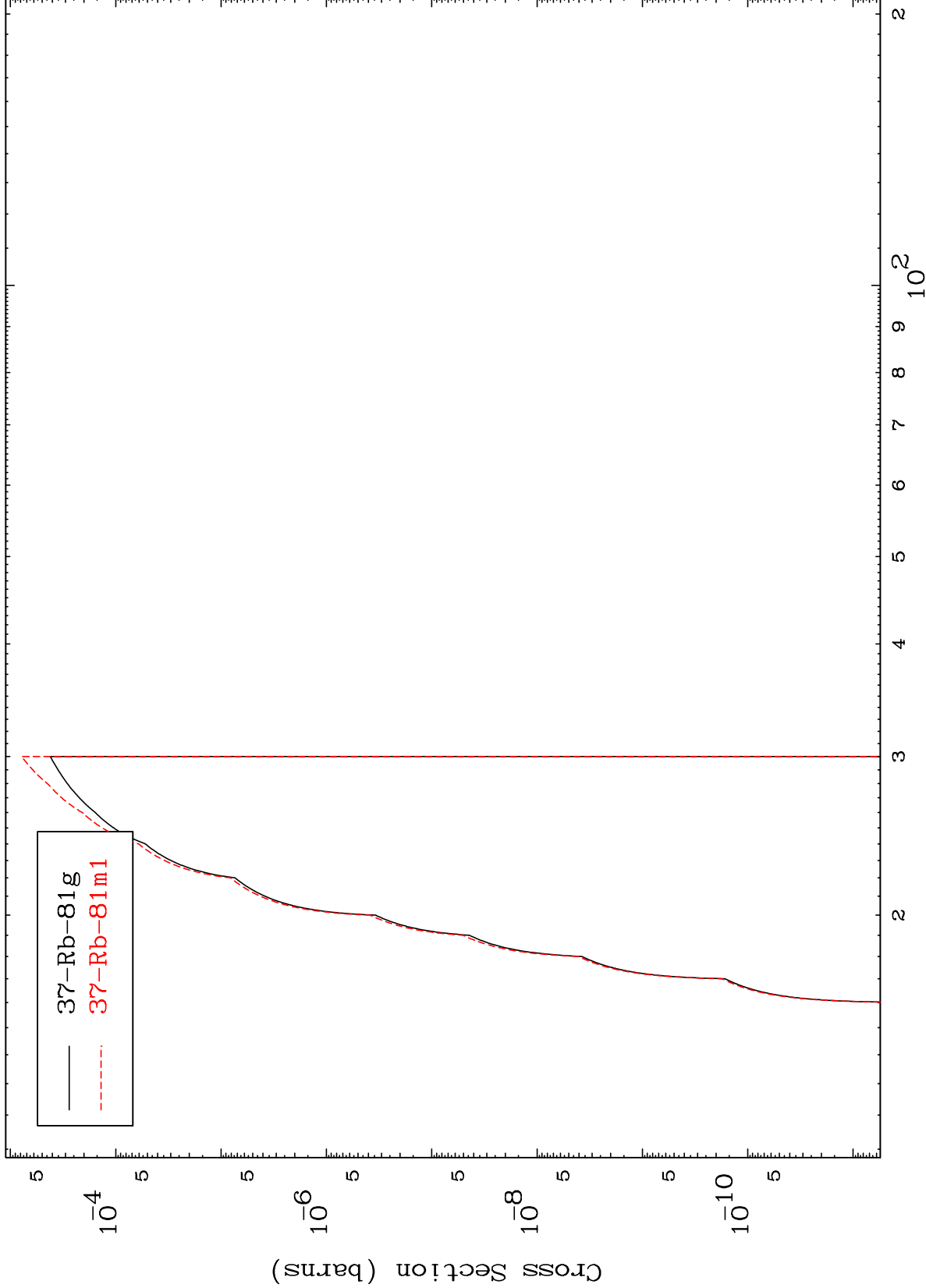
38-Sr-83m

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(n,n') He-3

38-Sr-83m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

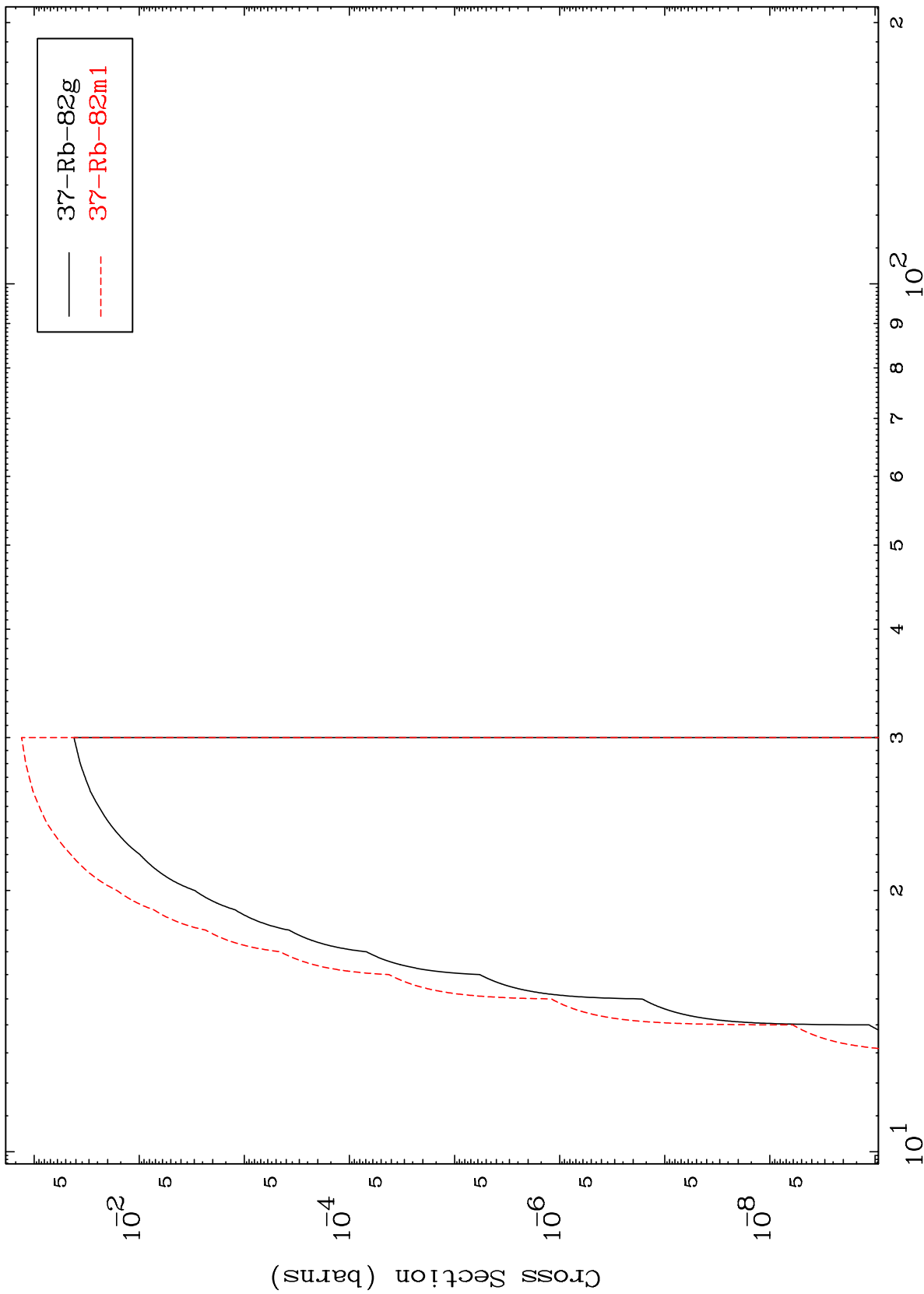
38-Sr-83m

MAT 3823

(n,2n) p

38-Sr-83m

Radionuclide Production Cross Section



Incident Energy (MeV)

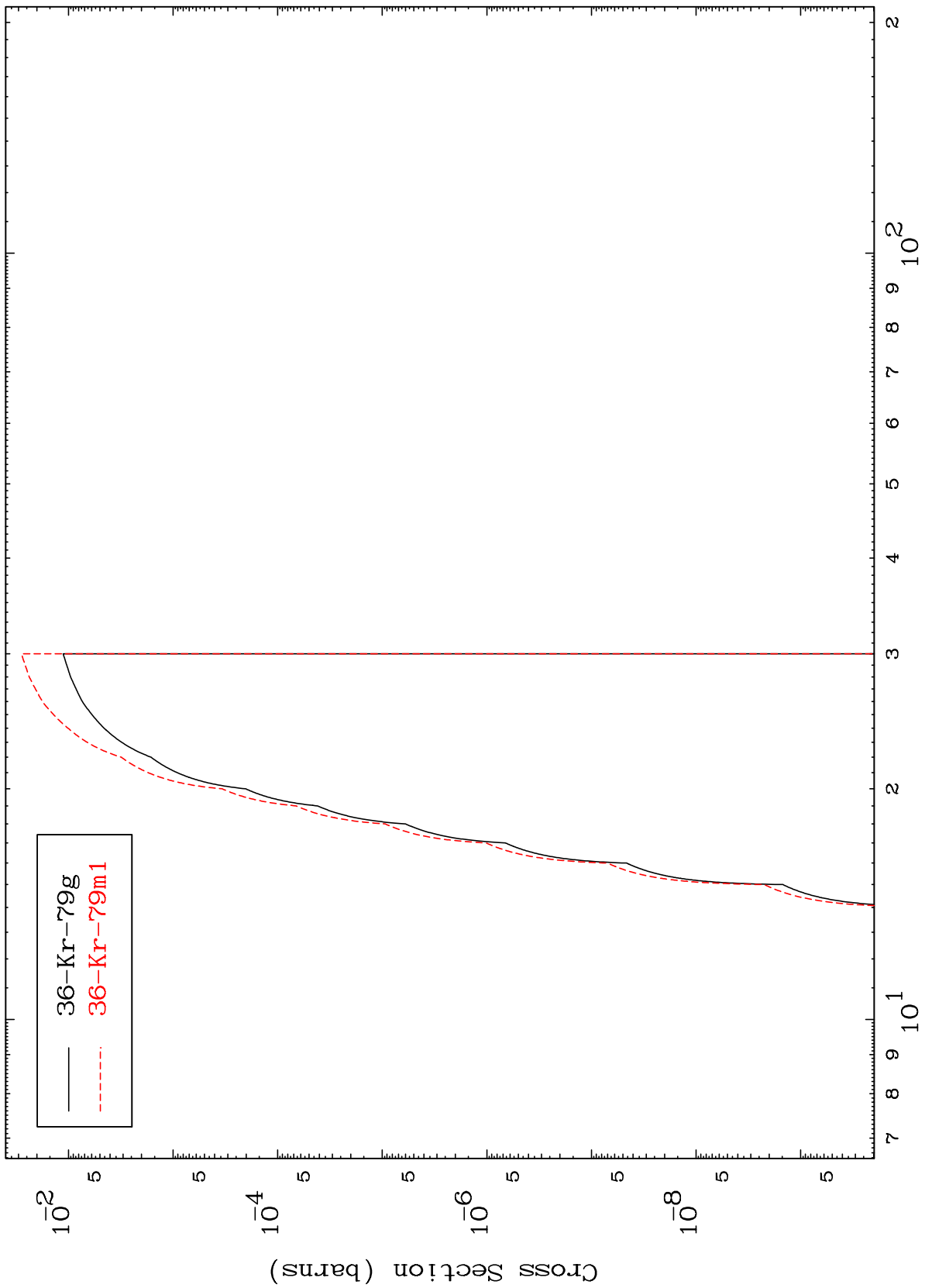
38-Sr-83m

MAT 3823

(n,n') p α

38-Sr-83m

Radionuclide Production Cross Section



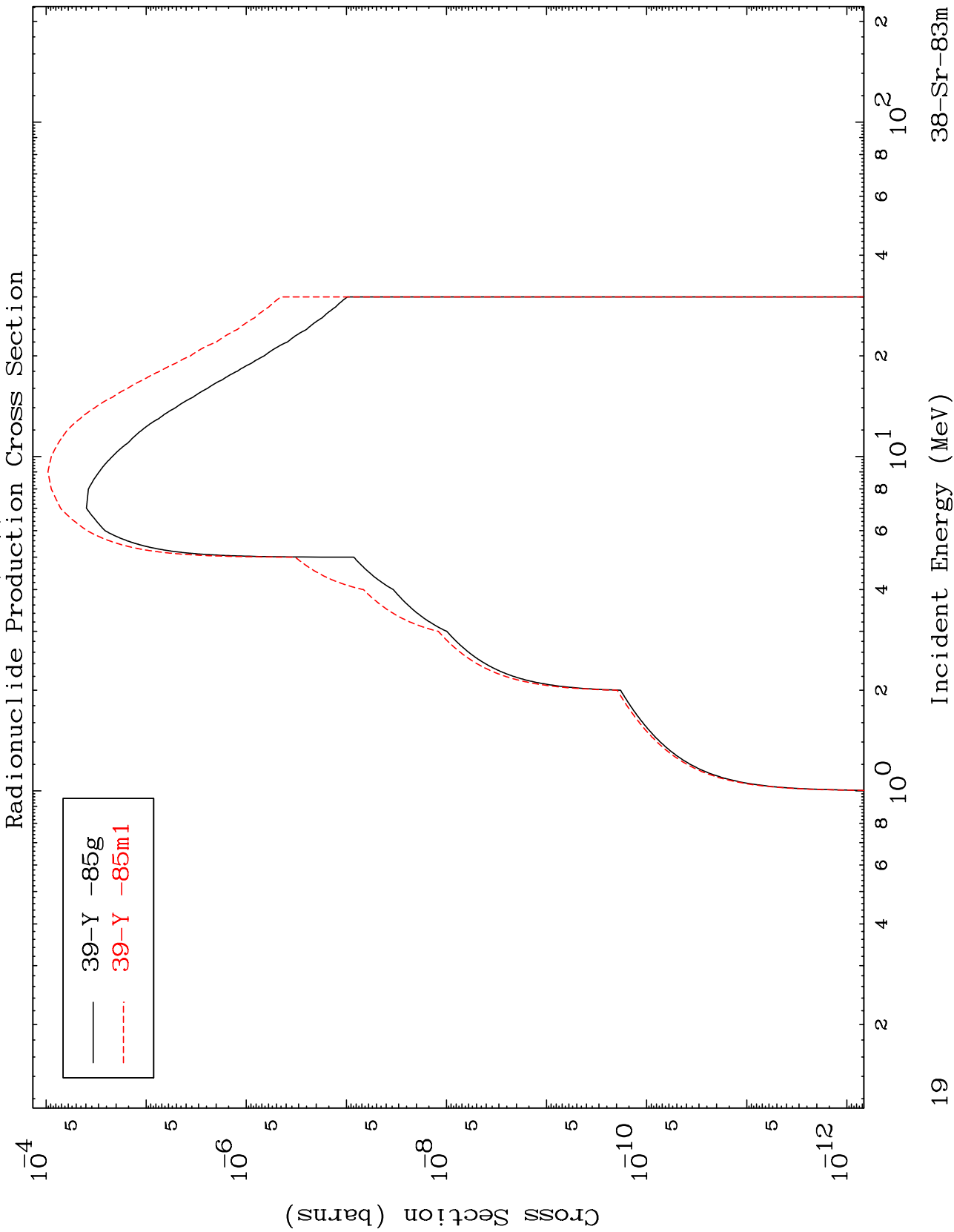
18

Incident Energy (MeV)

38-Sr-83m

MAT 3823

38-Sr-83m

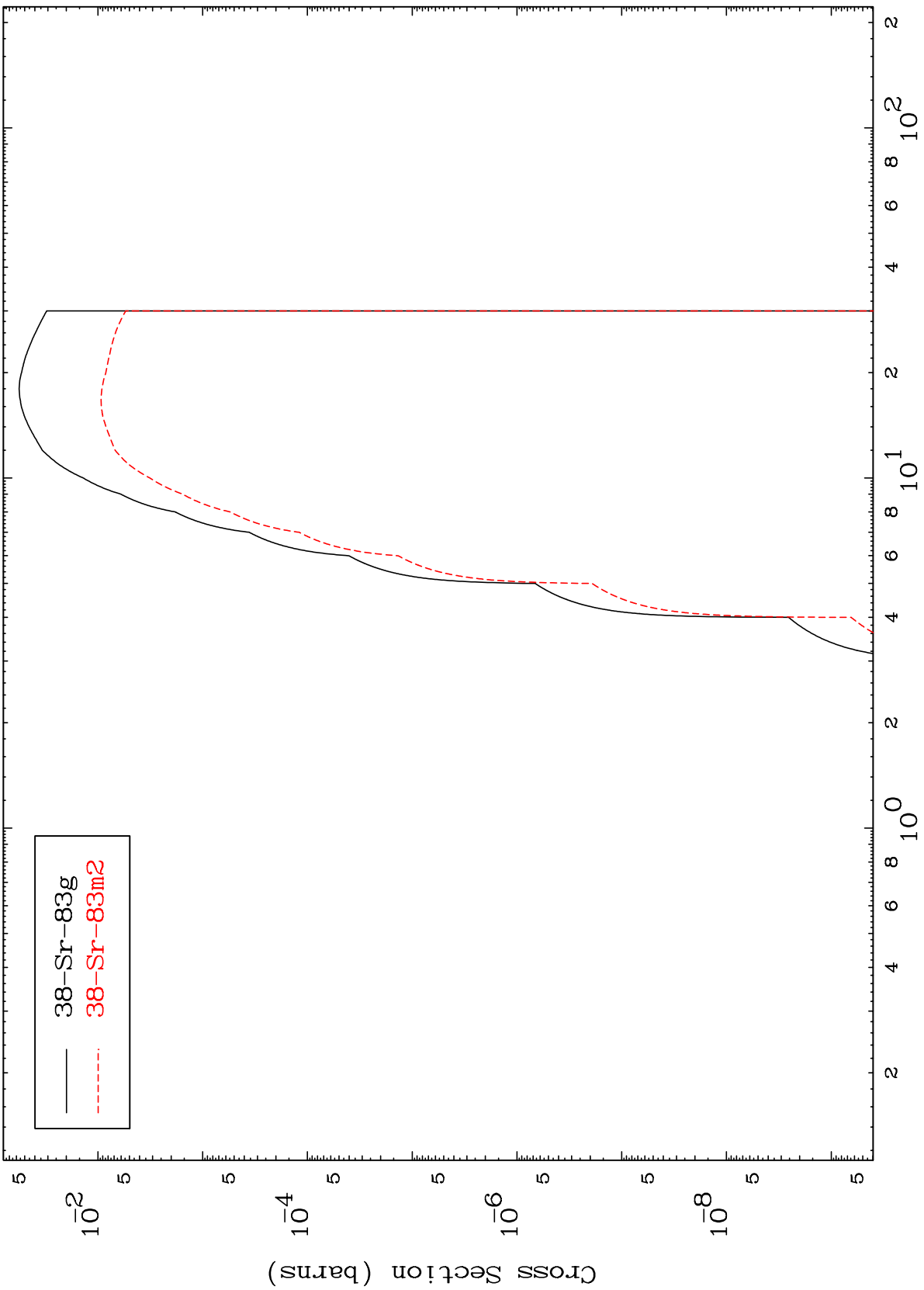


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(n,d)

38-Sr-83m

Radionuclide Production Cross Section



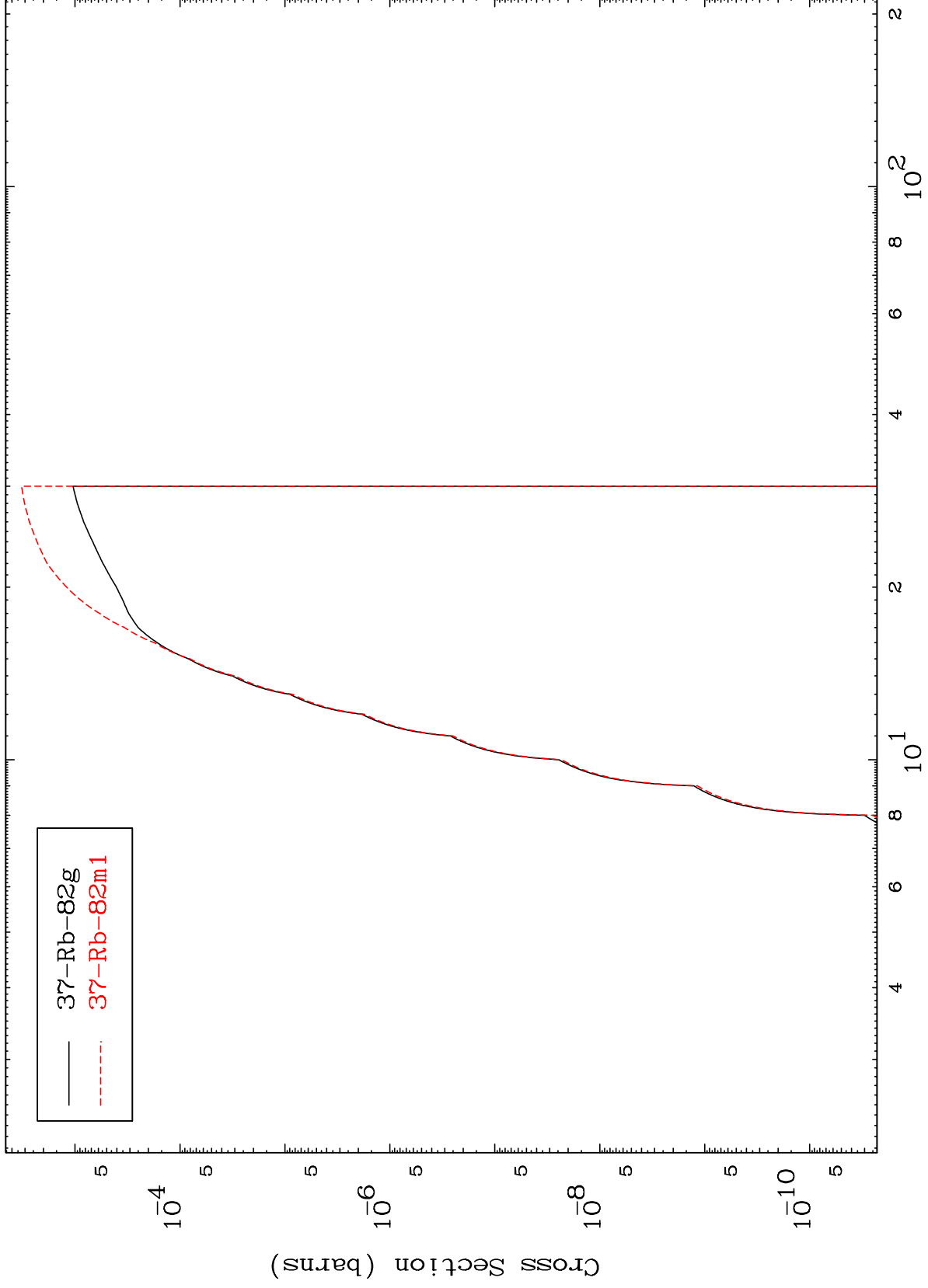
— 38-Sr-83g
- - - 38-Sr-83m2

MAT 3823

(n,He-3)

38-Sr-83m

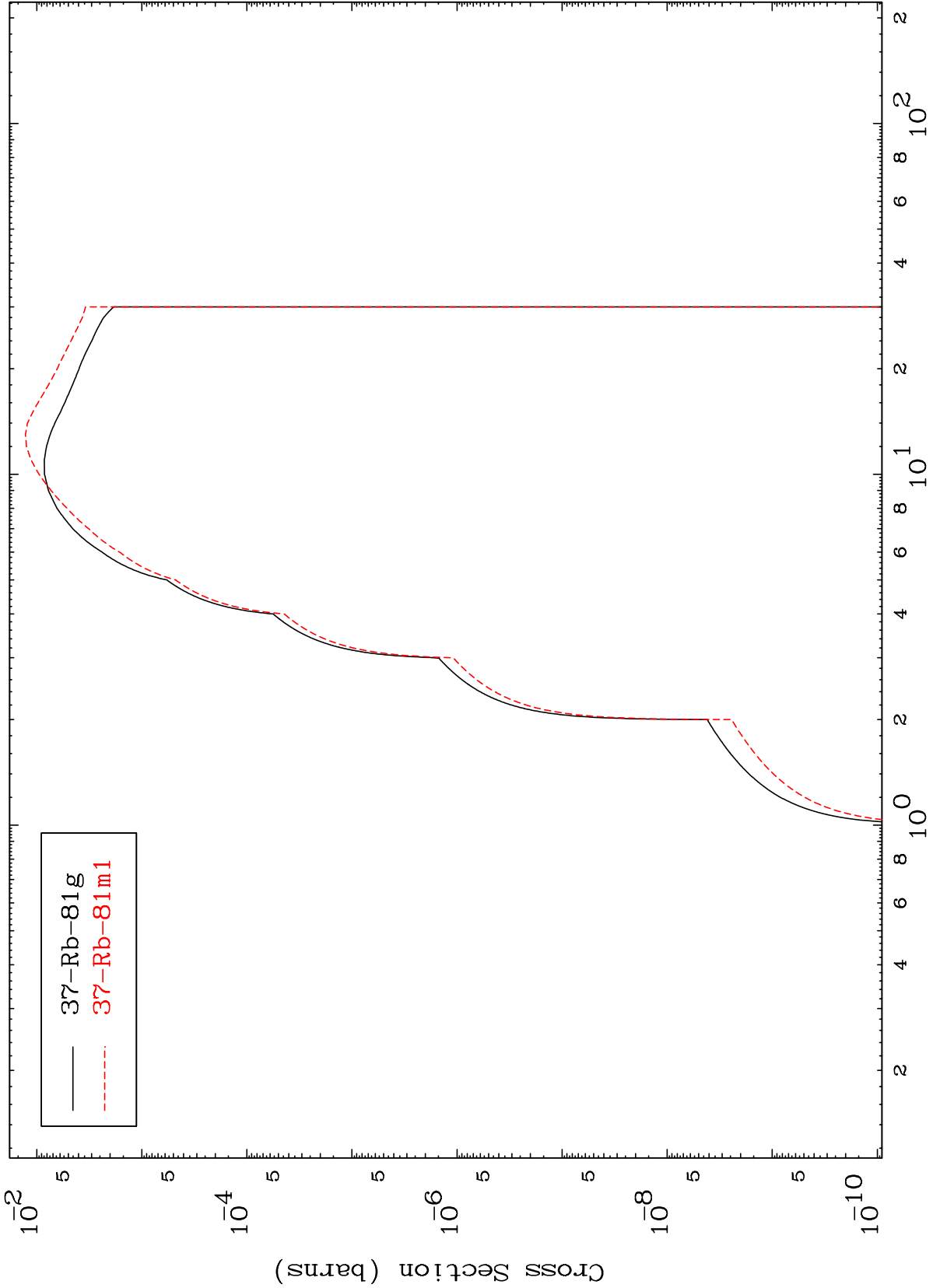
Radionuclide Production Cross Section



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38-Sr-83m

Radionuclide Production Cross Section
(n, α)



— 37-Rb-81g
- - - 37-Rb-81m1

38-Sr-83m

Incident Energy (MeV)

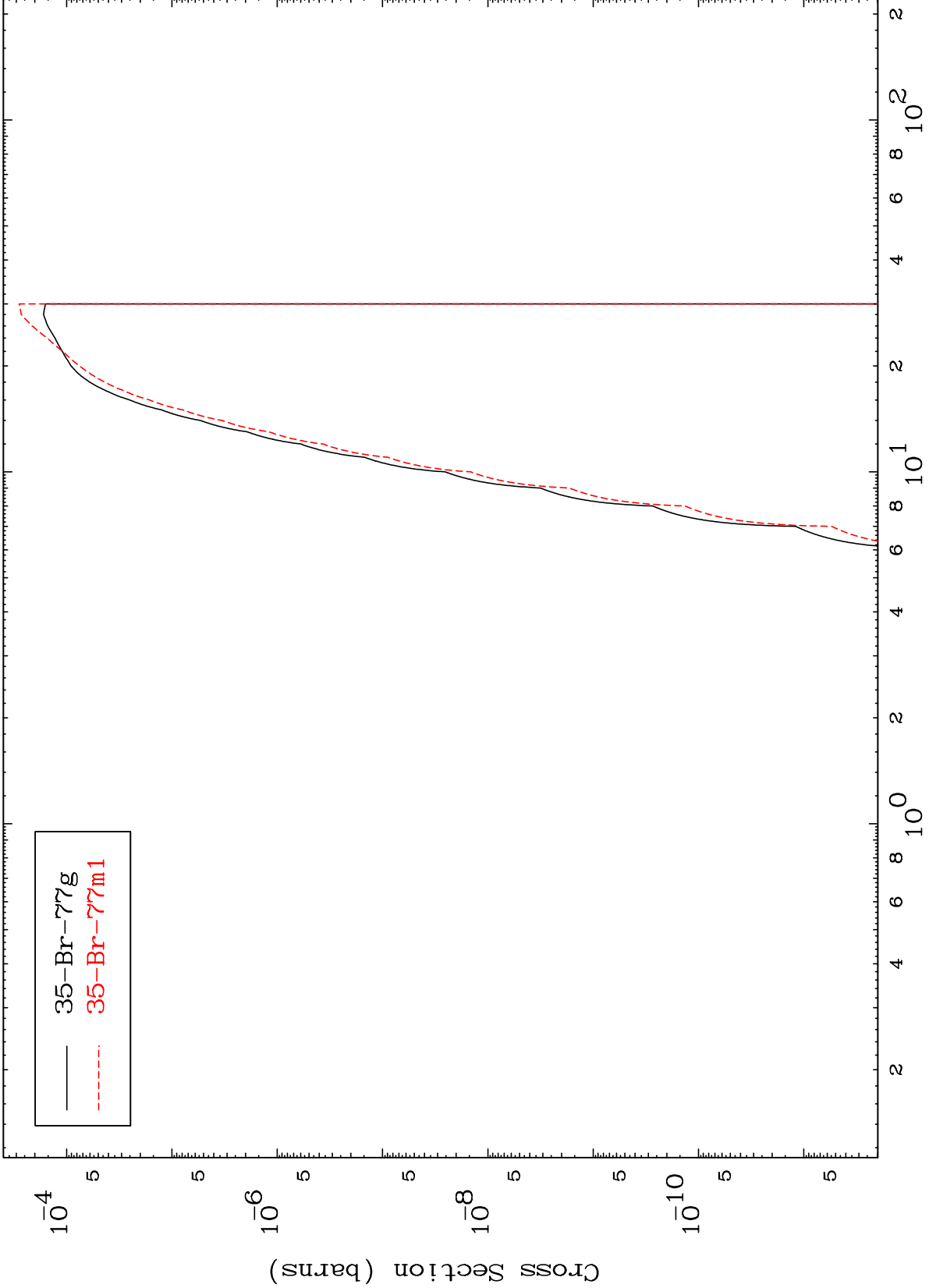
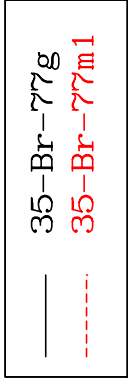
22

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(n,2α)

38-Sr-83m

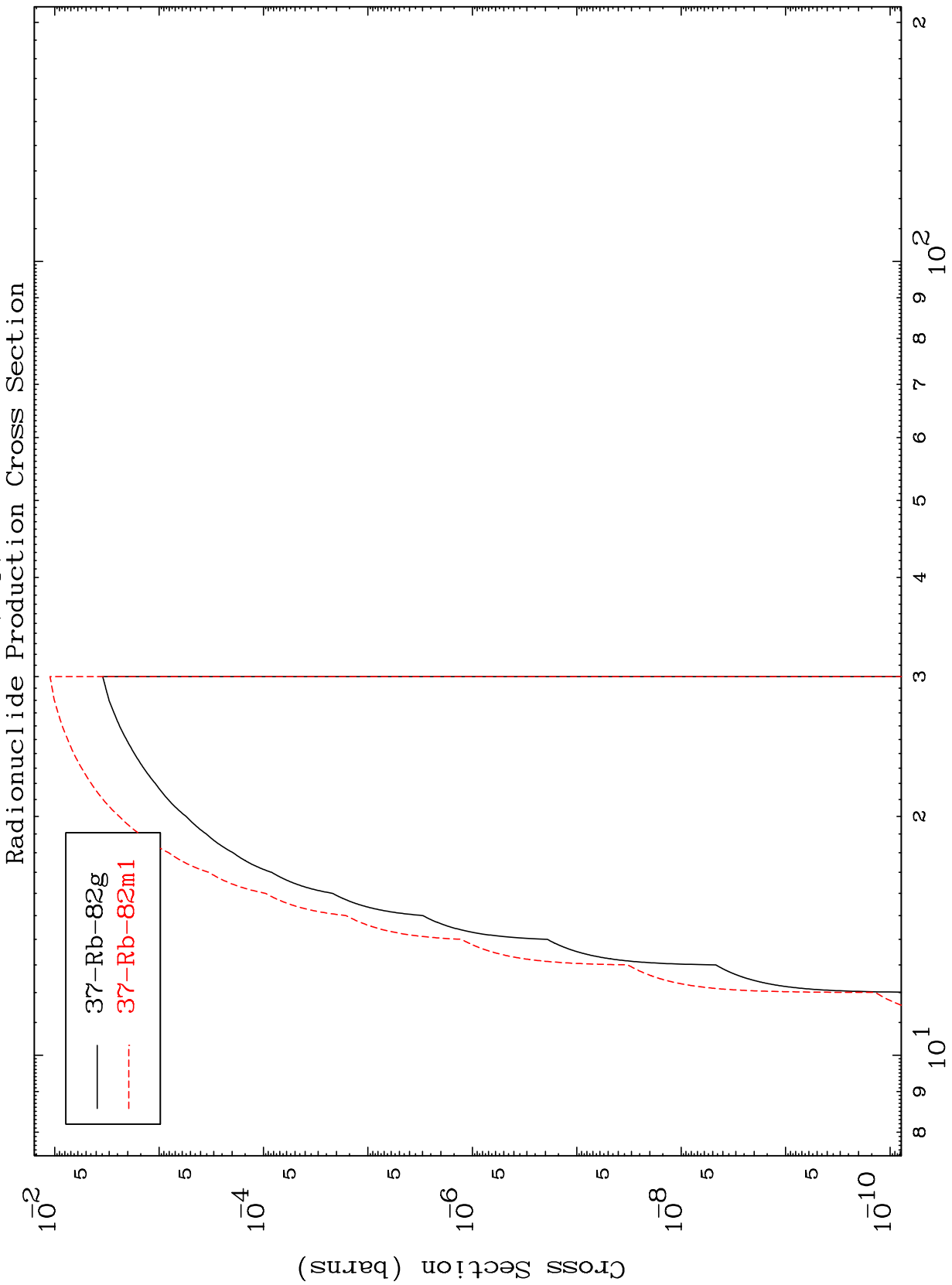
Radionuclide Production Cross Section



MAT 3823

(n,p) d

38-Sr-83m

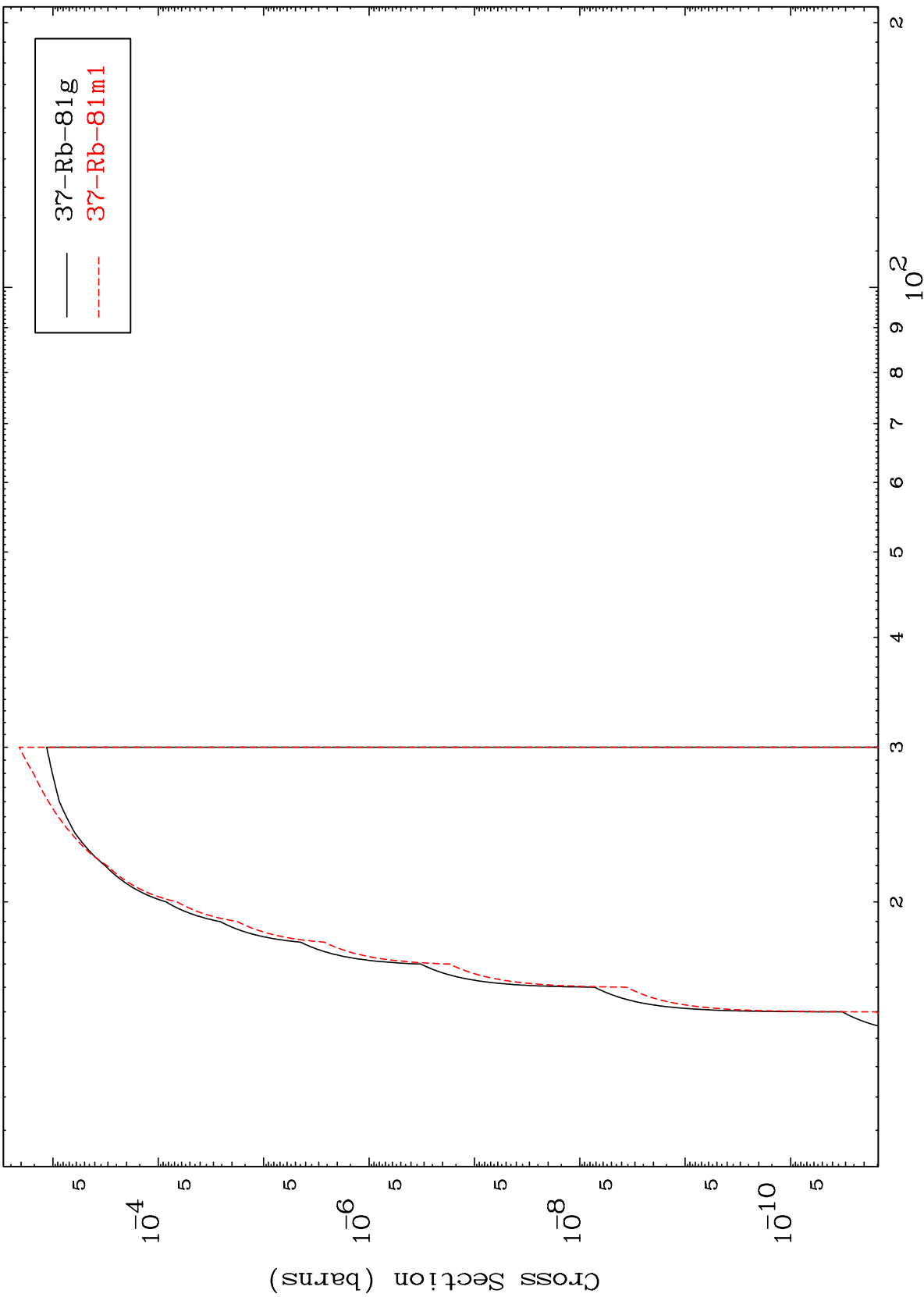


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Incident Energy (MeV)

38-Sr-83m

Radionuclide Production Cross Section

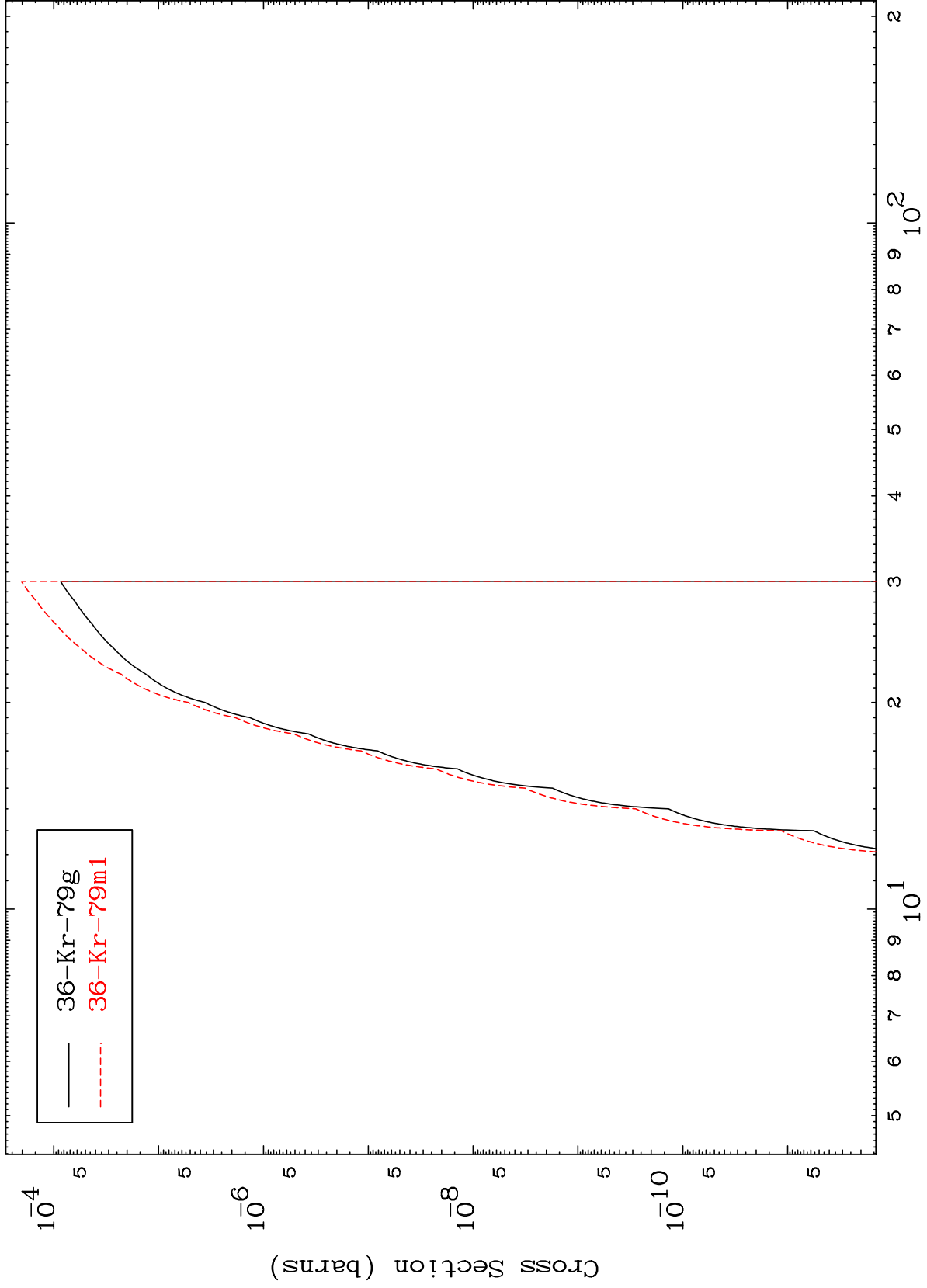


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(n,d) α

38-Sr-83m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

38-Sr-83m