

Program EVALPLOT
(Version 2021-1)

by

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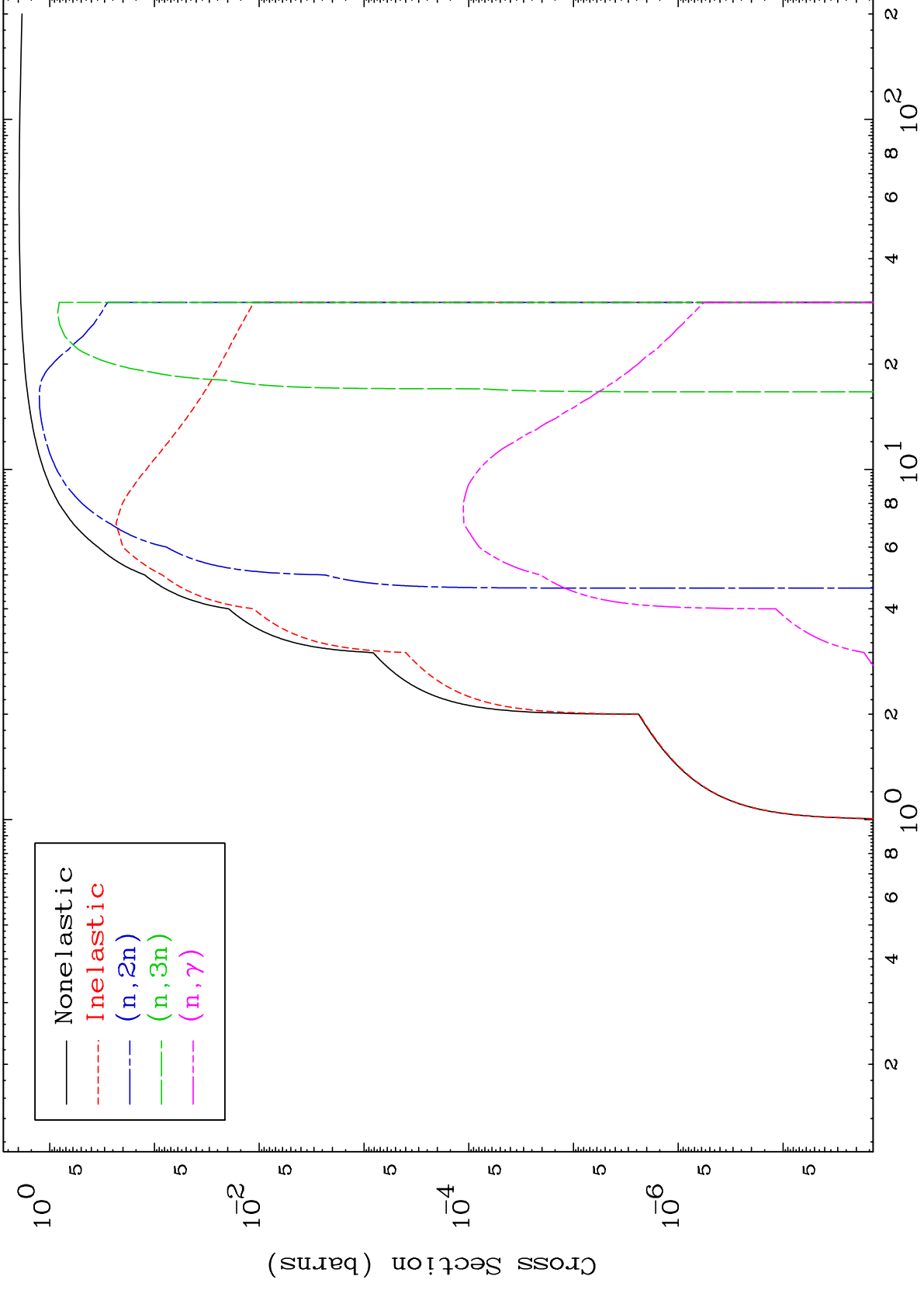
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3835

Deuteron Major
0 Kelvin Cross Sections

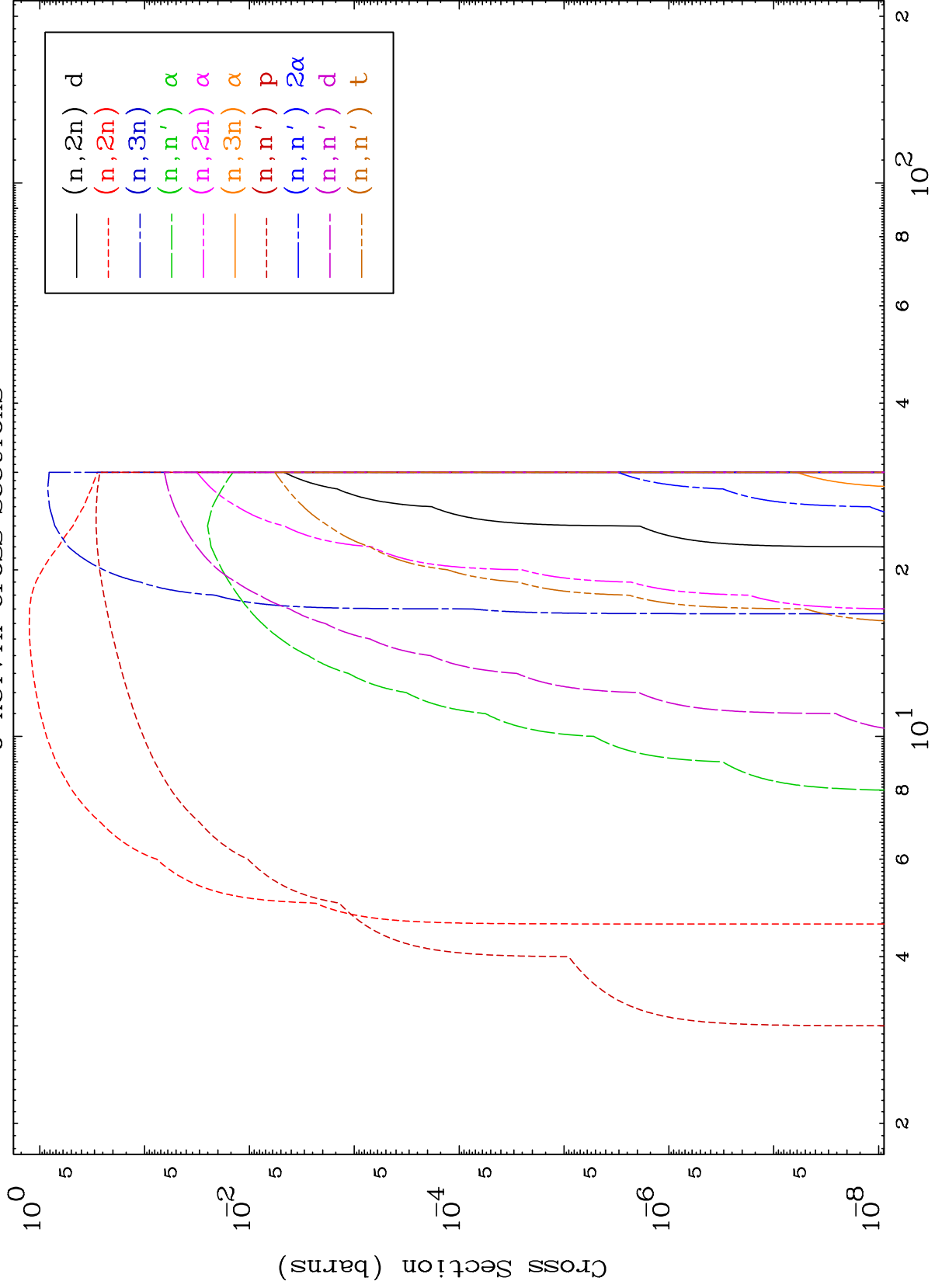
38-Sr-87m



MAT 3835

Deuteron Neutron Absorption
0 Kelvin Cross Sections

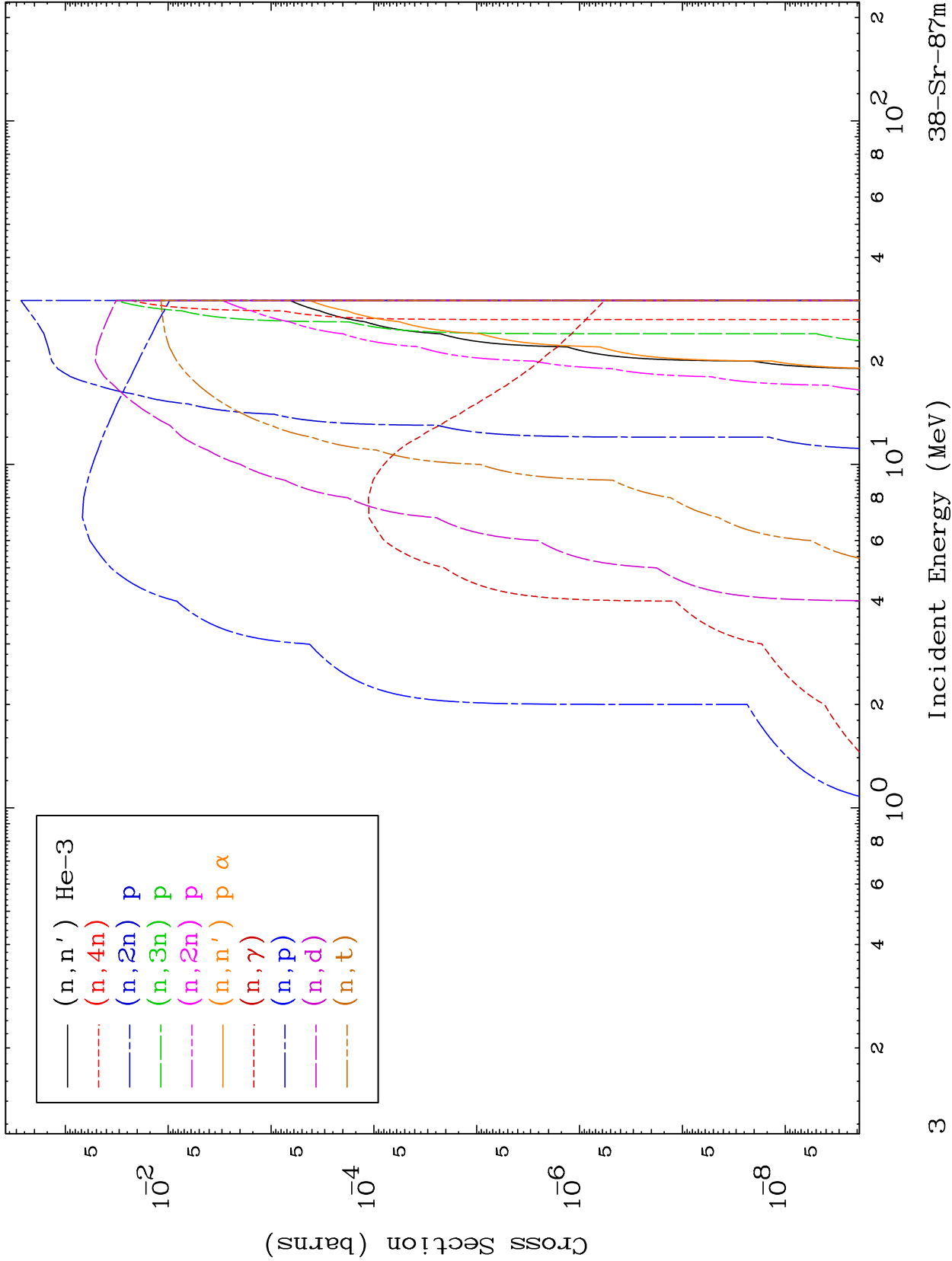
38-Sr-87m



2

Incident Energy (MeV)

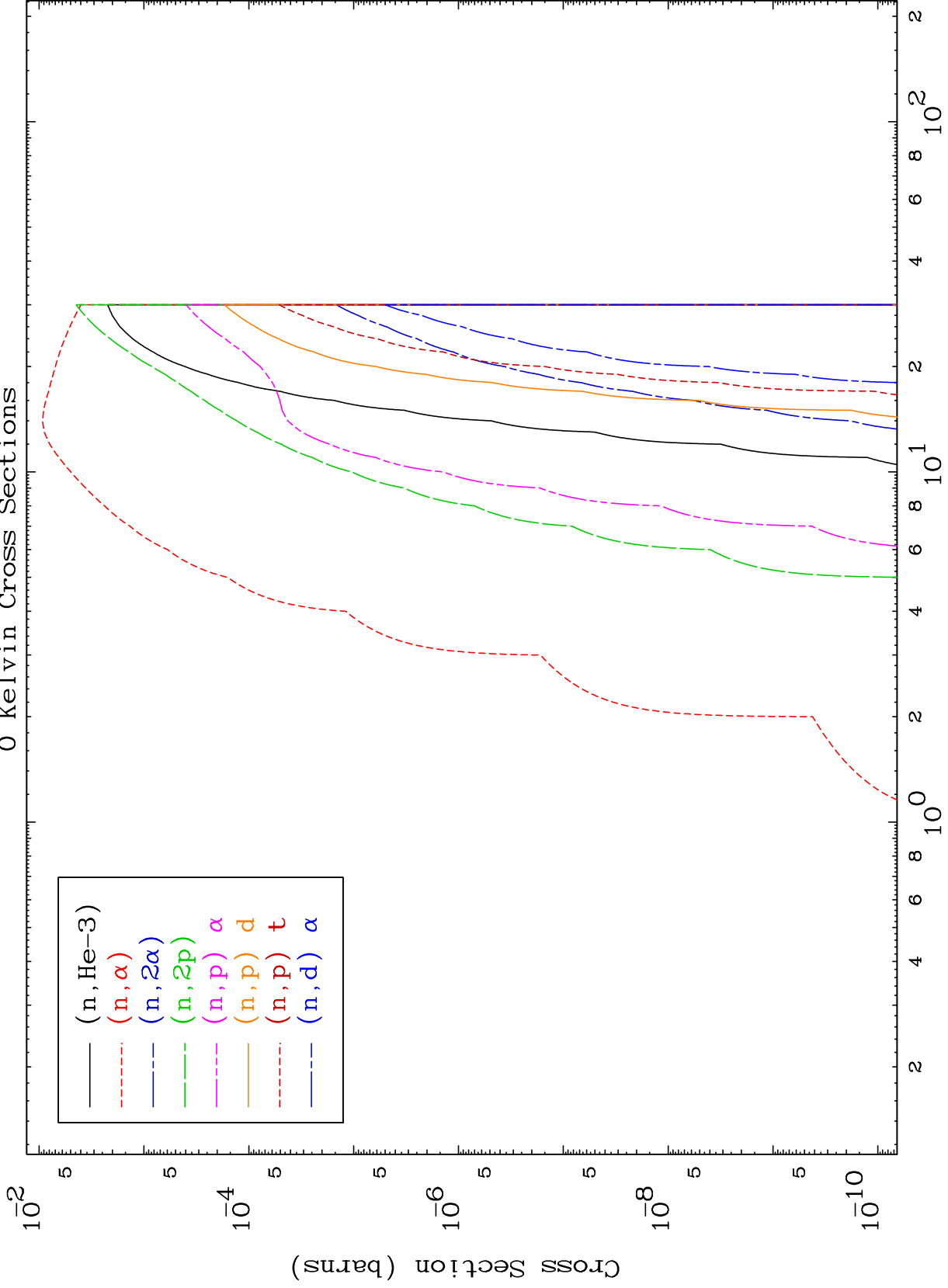
38-Sr-87m

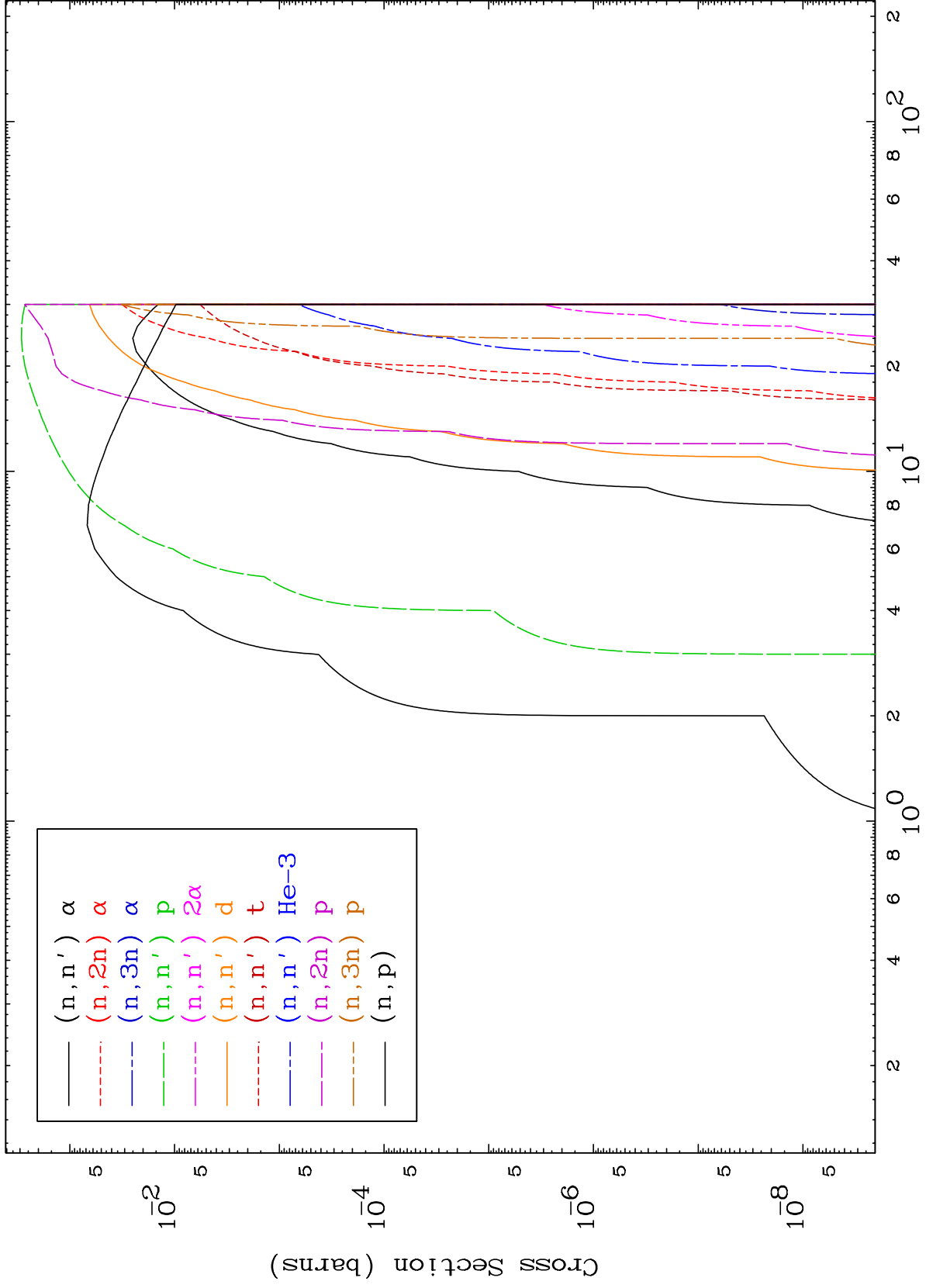


MAT 3835

Deuteron Neutron Absorption
0 Kelvin Cross Sections

38-Sr-87m

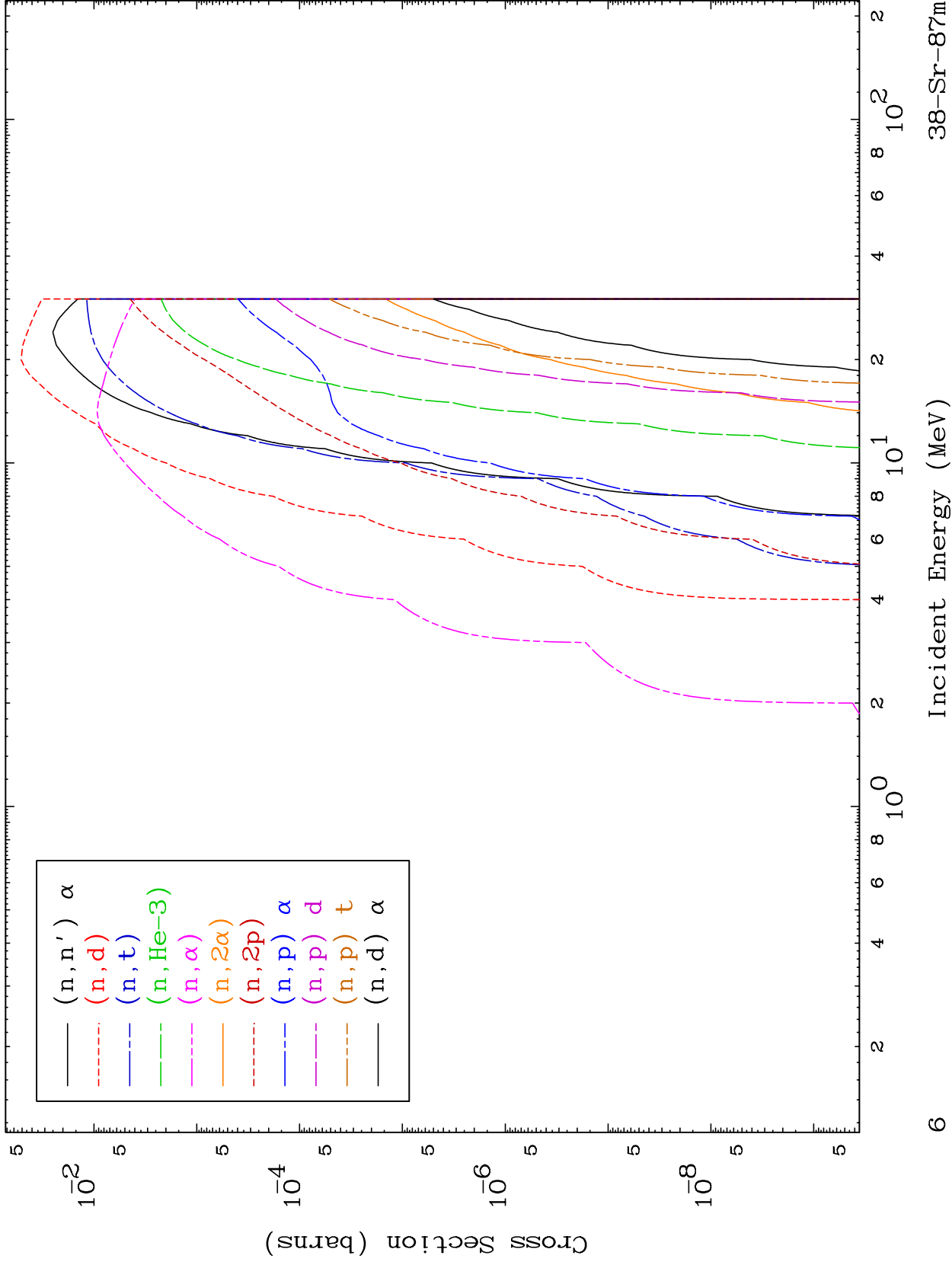




MAT 3835

Deuteron Charged Particle
0 Kelvin Cross Sections

38-Sr-87m

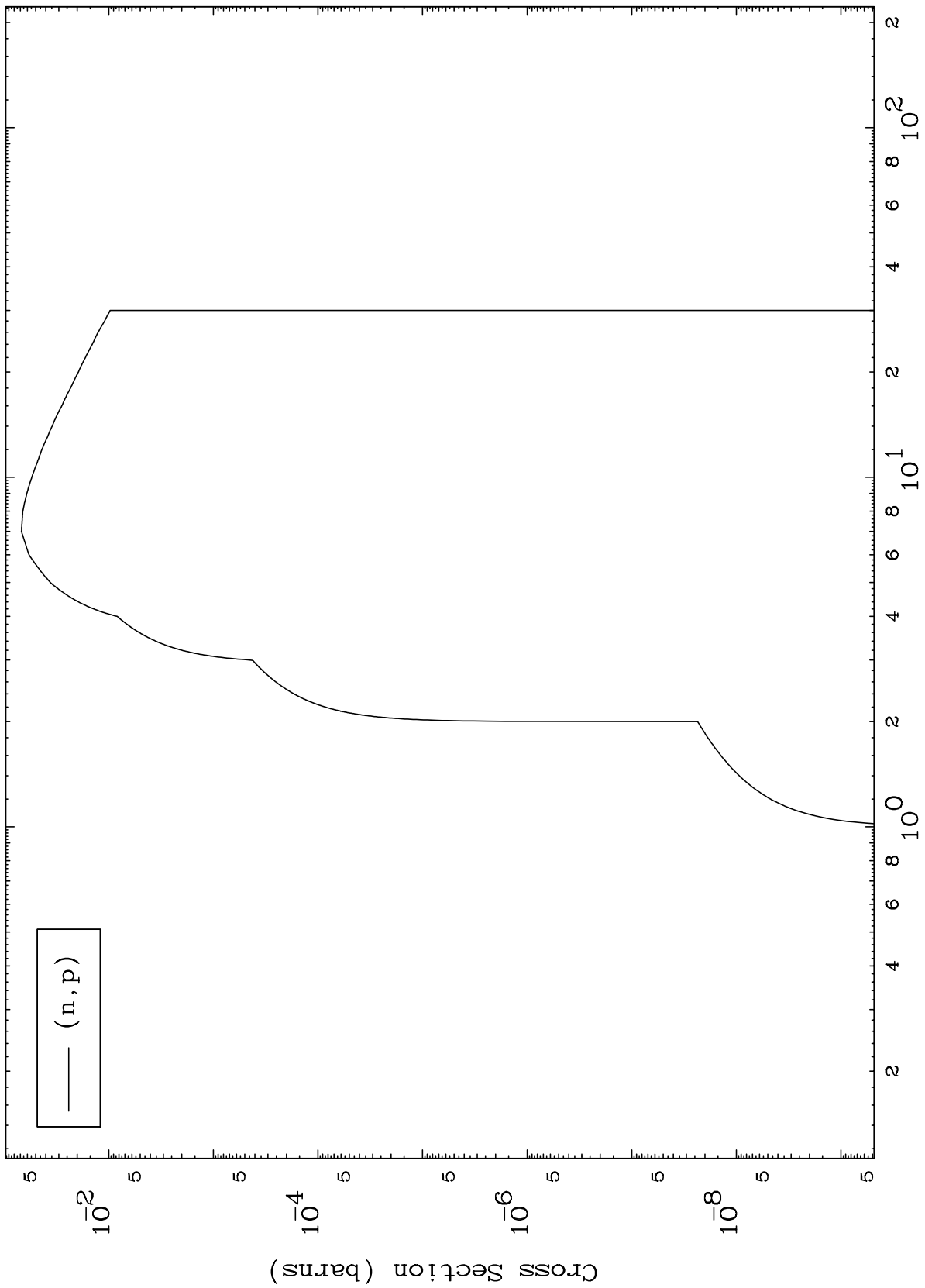


MAT 3835

(d,p) Levels

38-Sr-87m

0 Kelvin Cross Sections

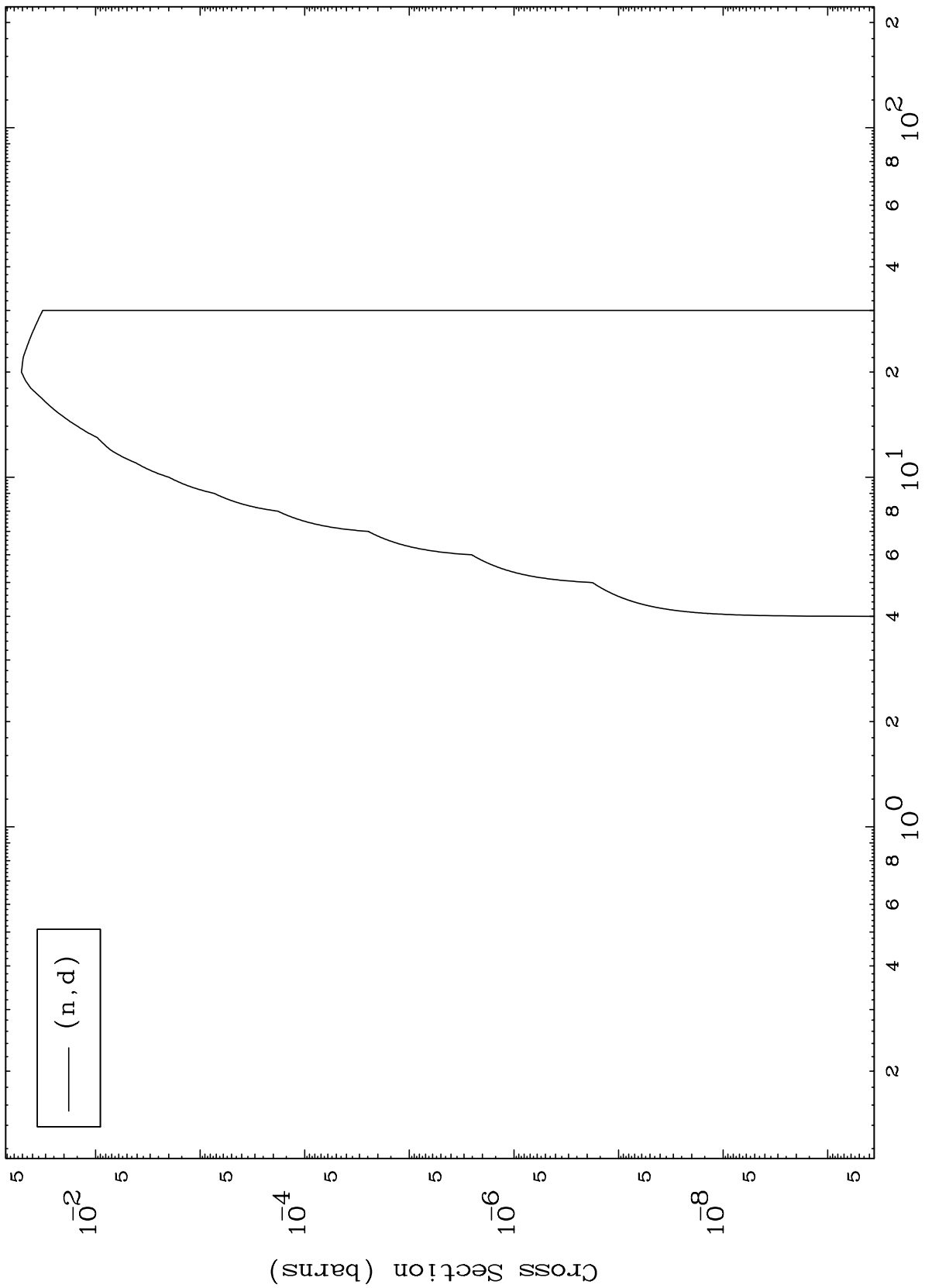


MAT 3835

(d,d) Levels

38-Sr-87m

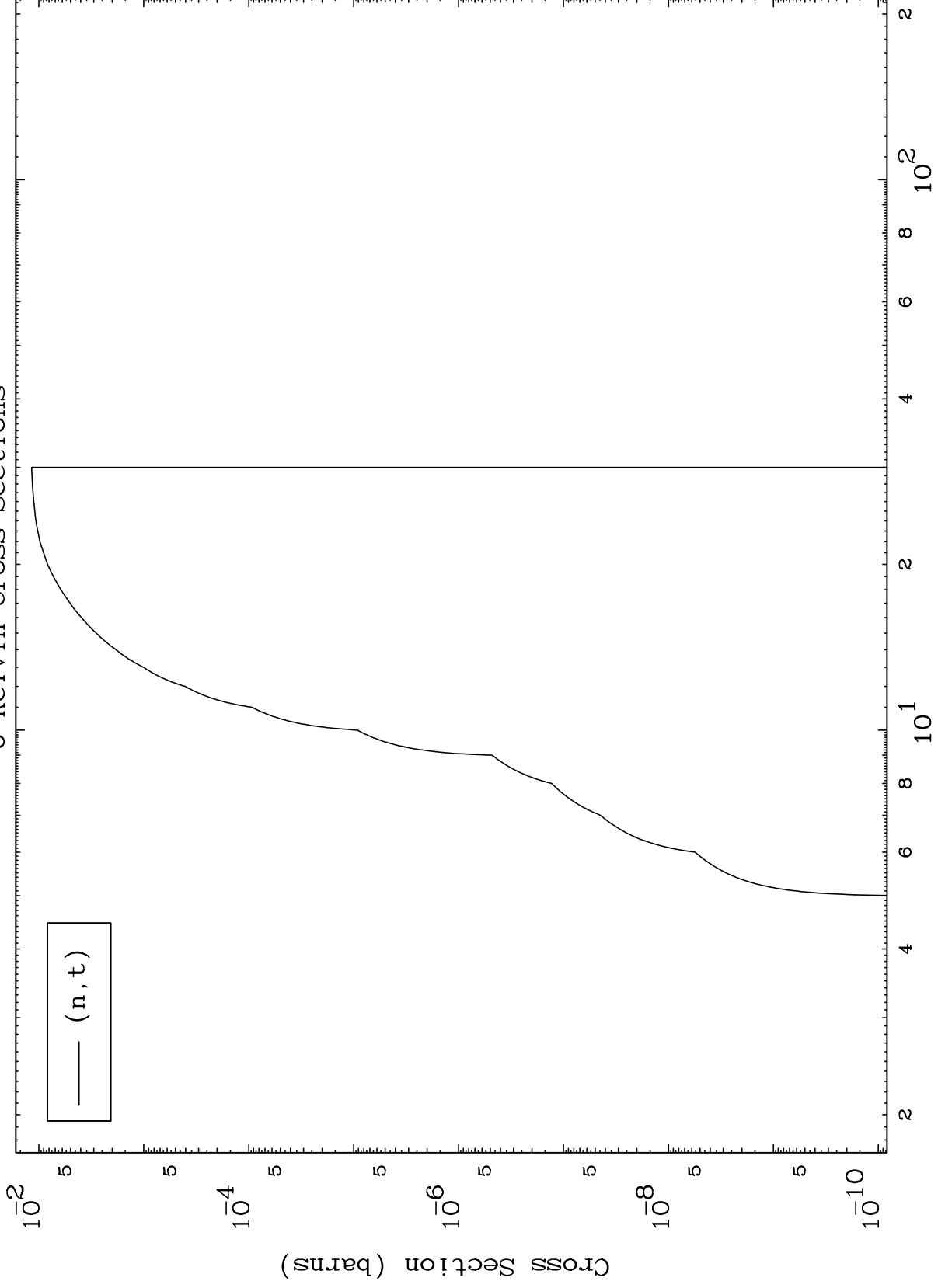
0 Kelvin Cross Sections



MAT 3835

(d,t) Levels
0 Kelvin Cross Sections

38-Sr-87m



9

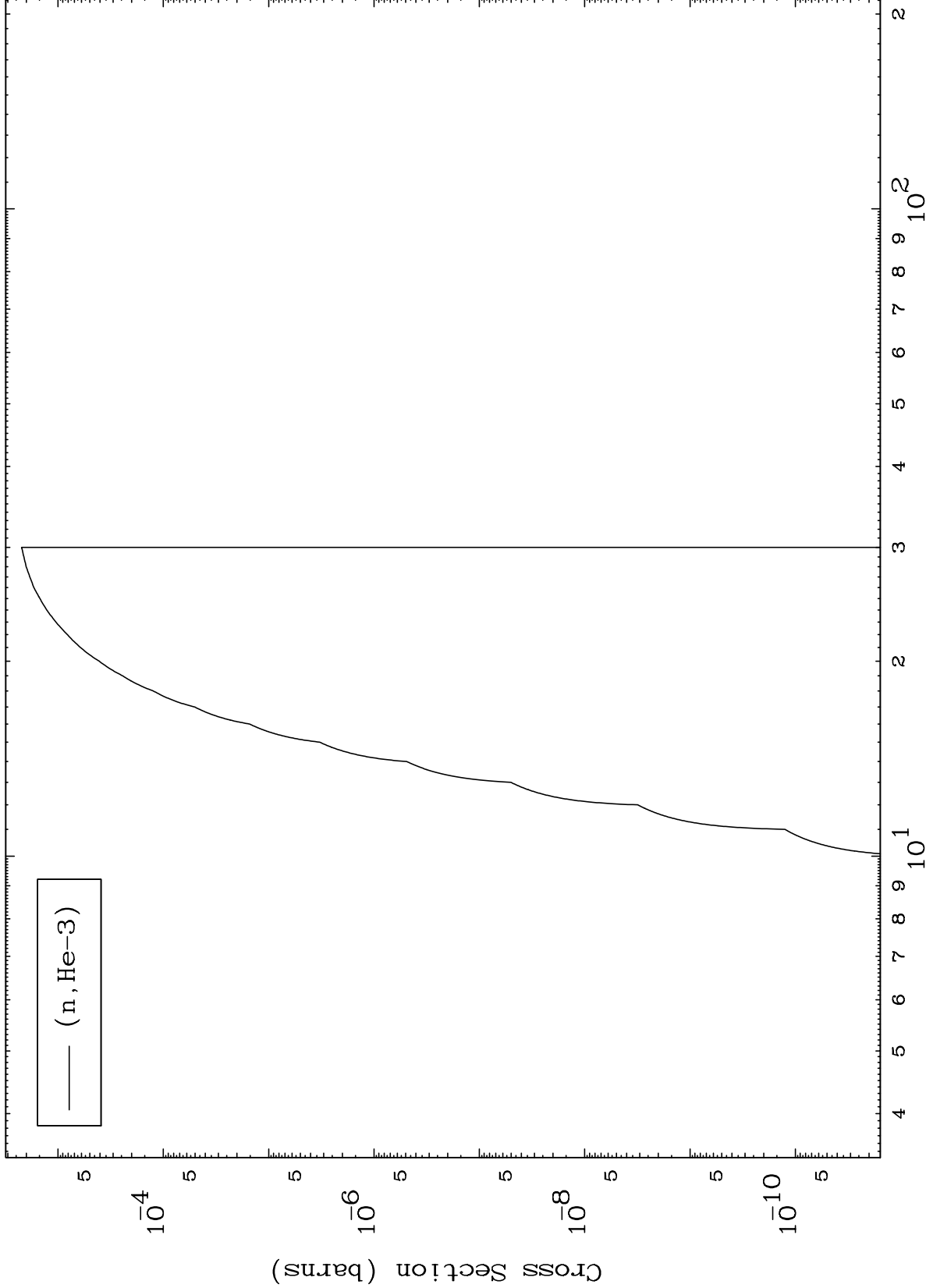
Incident Energy (MeV)

38-Sr-87m

MAT 3835

(d,He3) Levels
0 Kelvin Cross Sections

38-Sr-87m



10

Incident Energy (MeV)

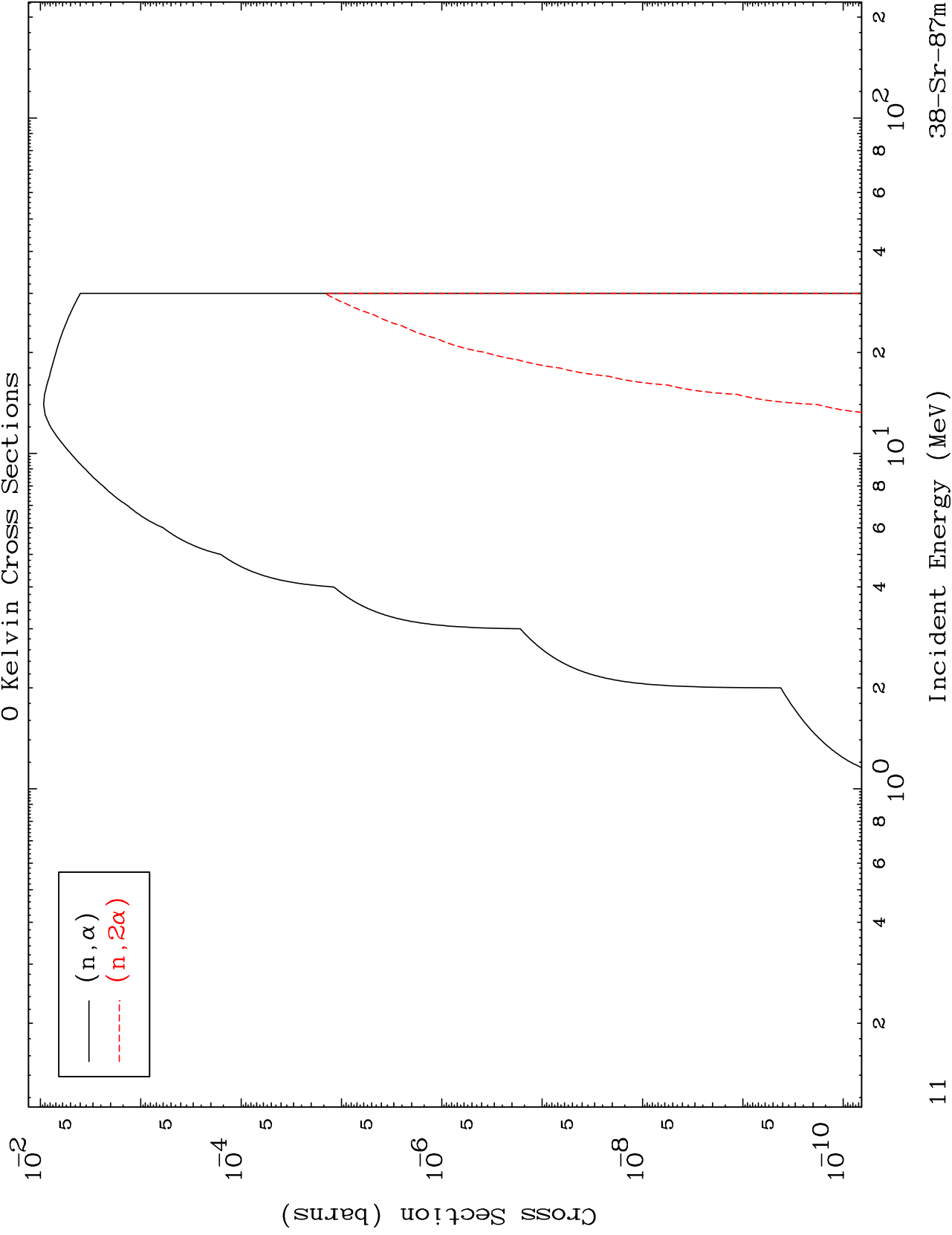
38-Sr-87m

MAT 3835

(d, α) Levels

38-Sr-87m

0 Kelvin Cross Sections

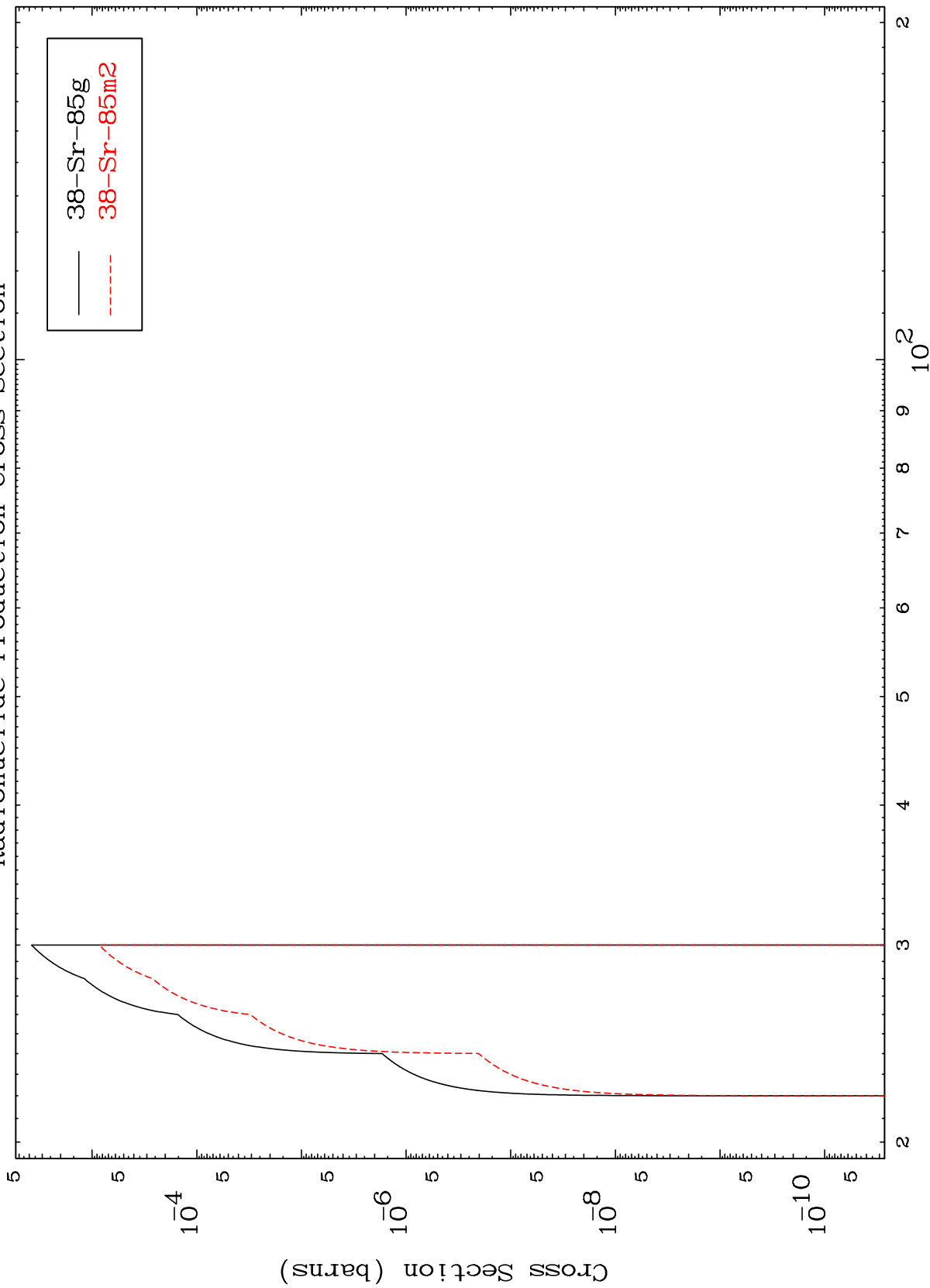


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(n,2n) d

³⁸Sr-⁸⁷m

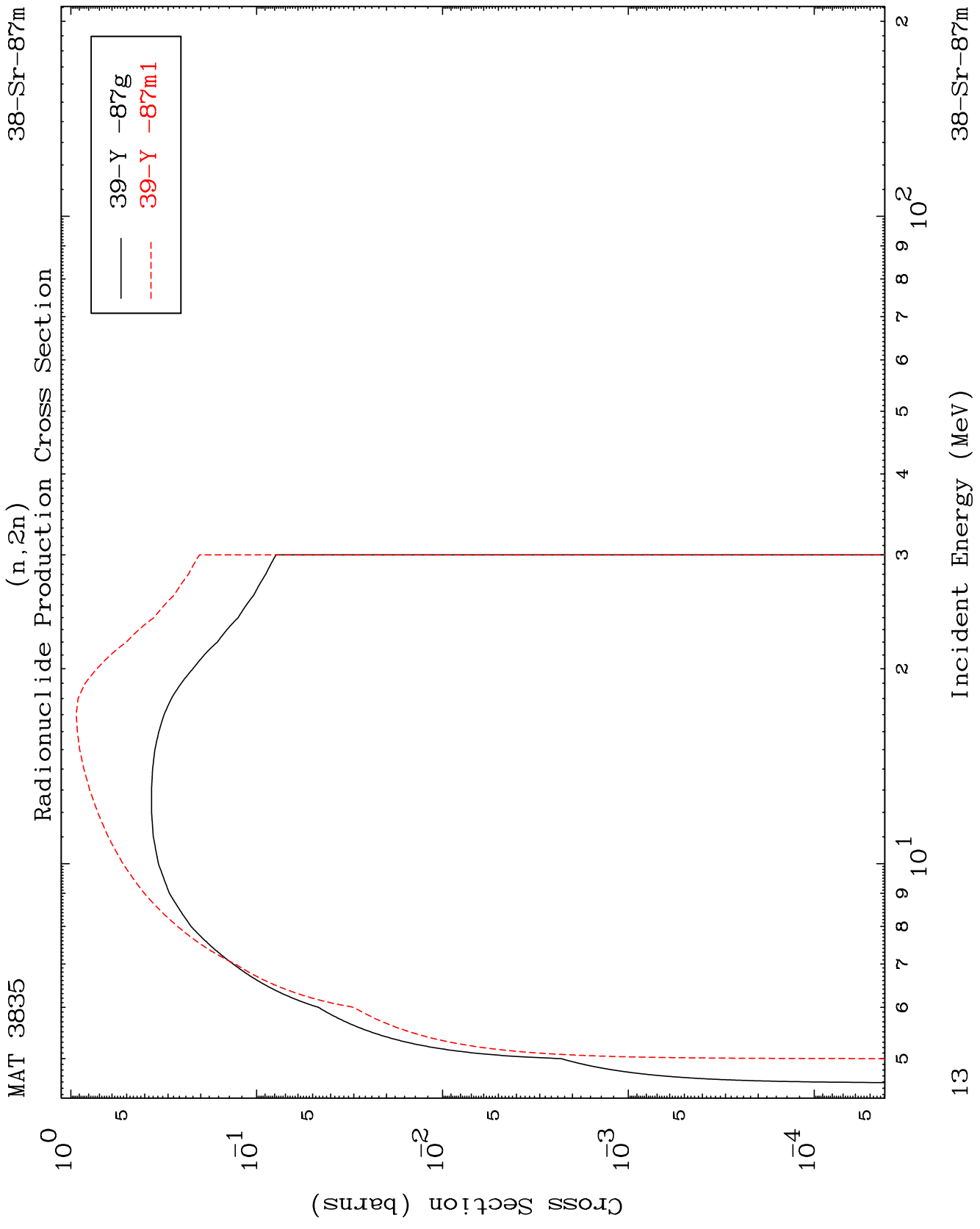
Radionuclide Production Cross Section



12

Incident Energy (MeV)

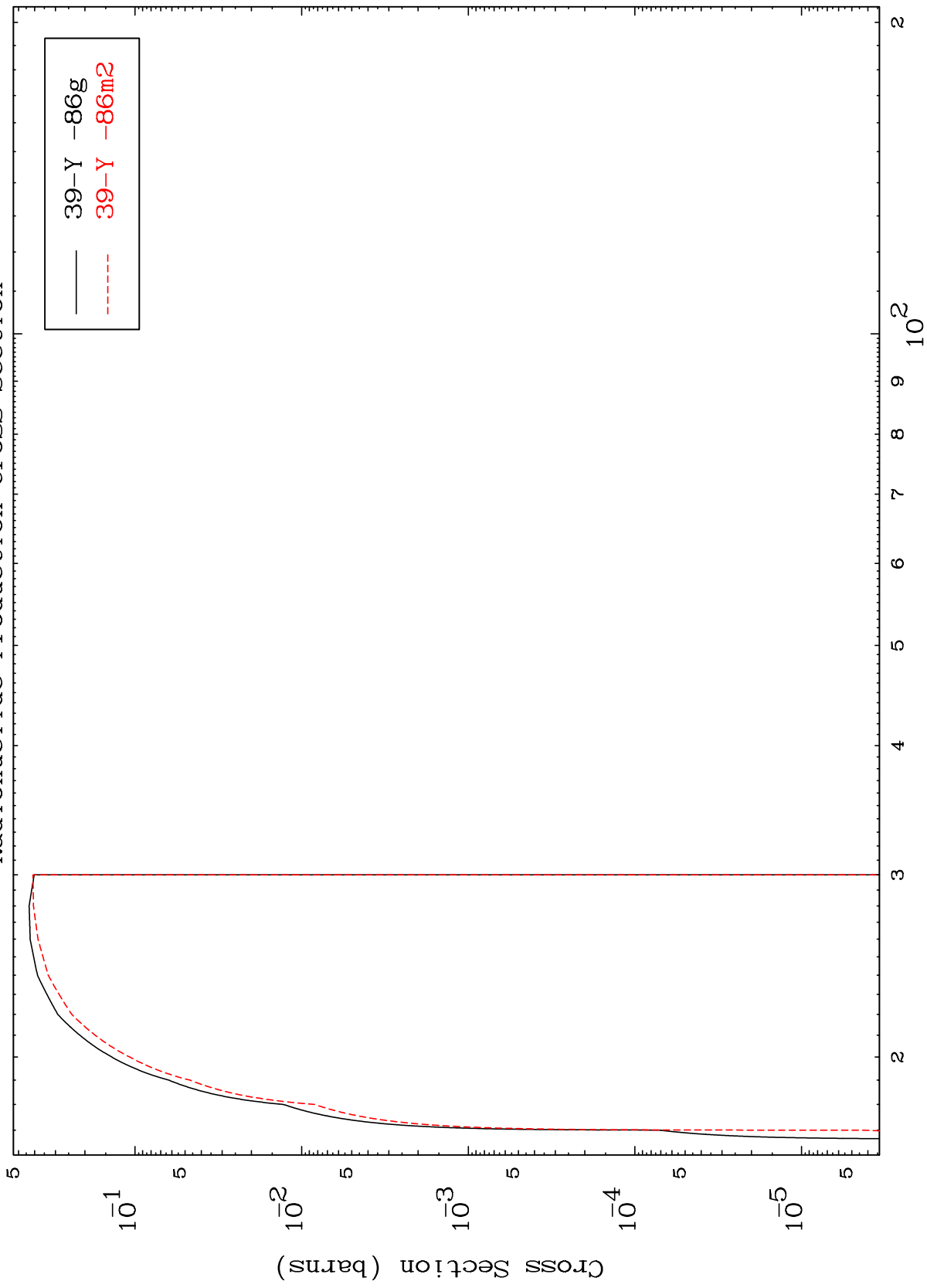
³⁸Sr-⁸⁷m



MAT 3835

38-Sr-87m

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

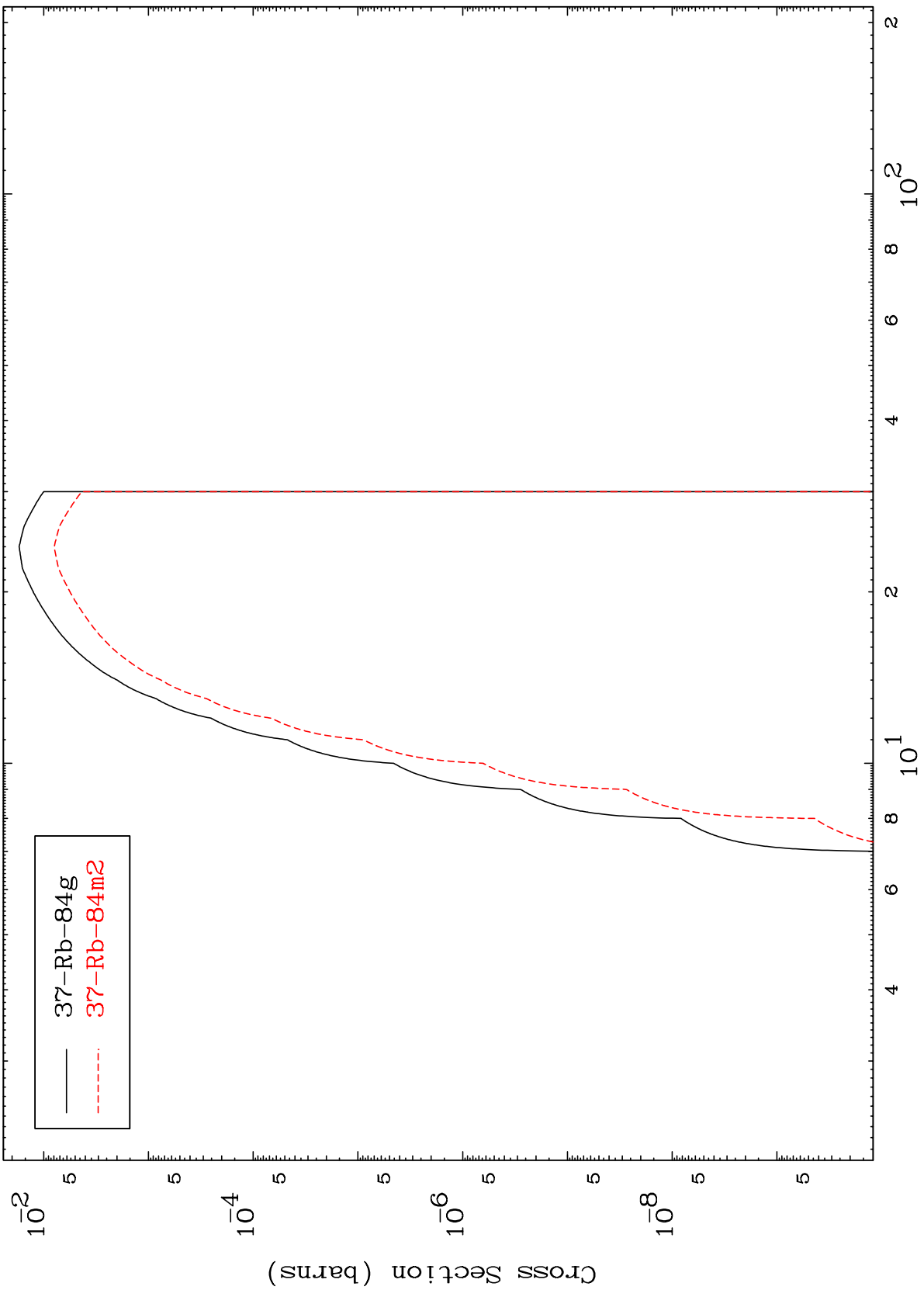
38-Sr-87m

MAT 3835

$(n, n') \alpha$

$^{38}\text{Sr-87m}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

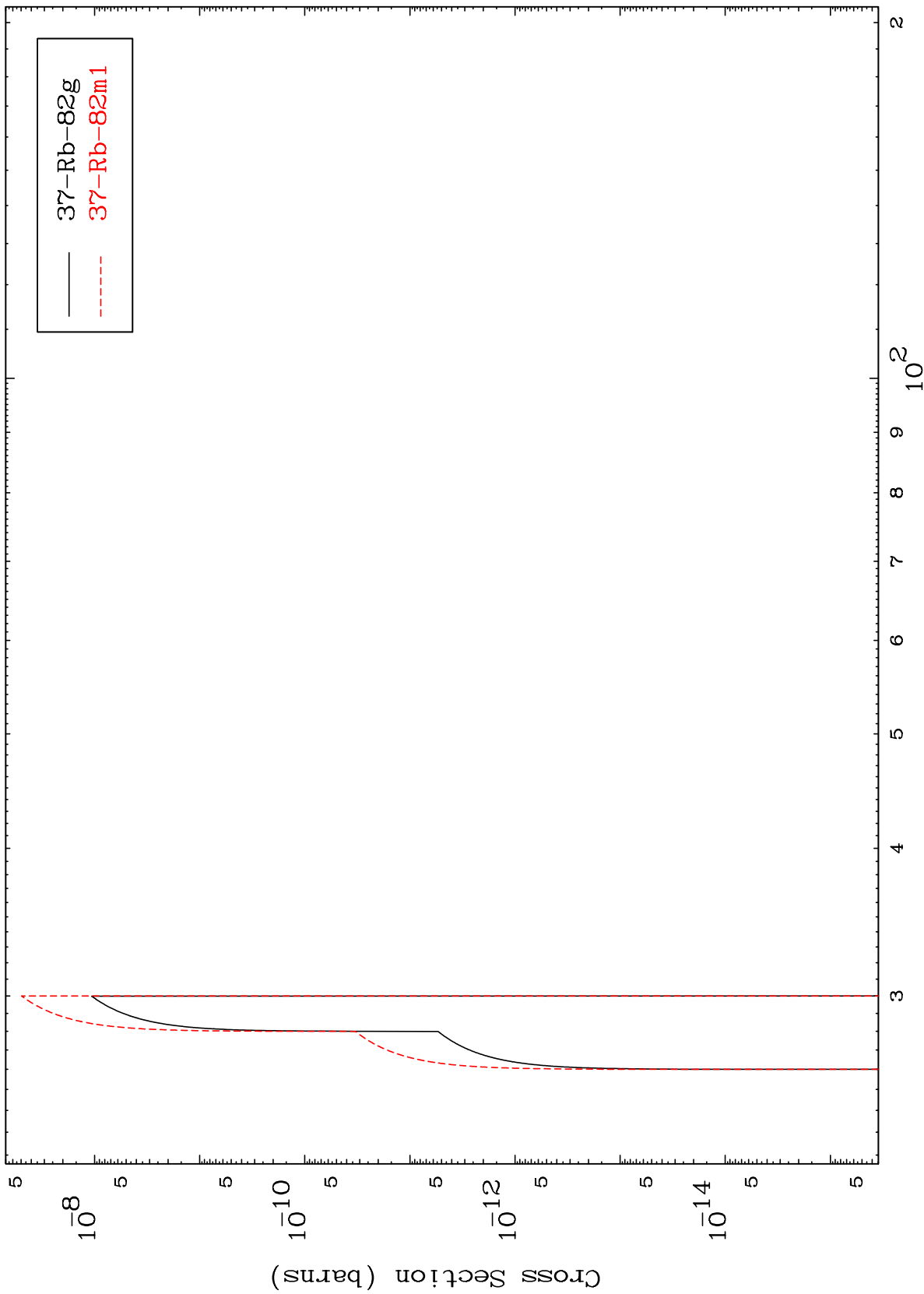
$^{38}\text{Sr-87m}$

MAT 3835

$(n,3n) \alpha$

38-Sr-87m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

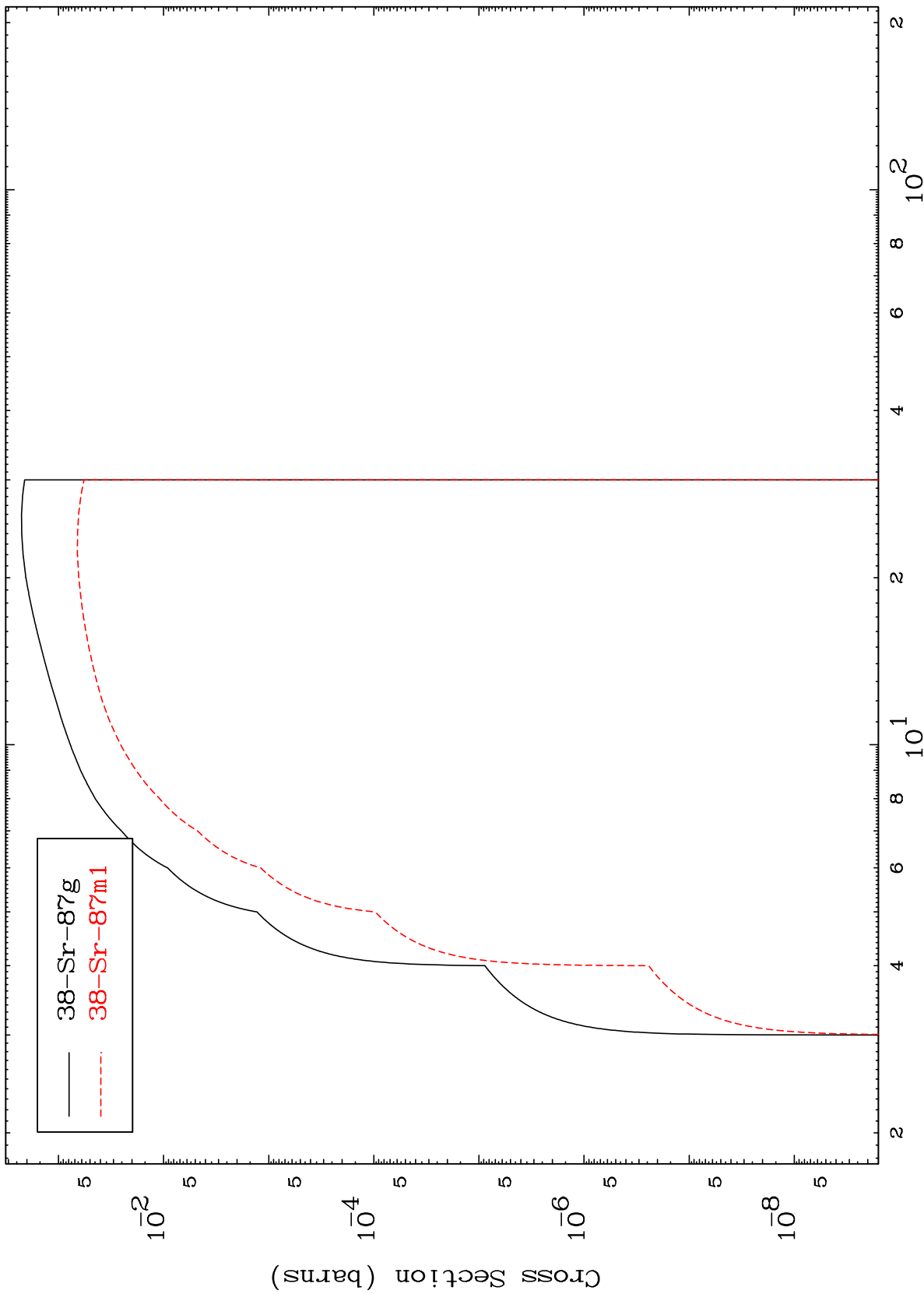
38-Sr-87m

MAT 3835

(n,n') p

³⁸Sr-⁸⁷m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

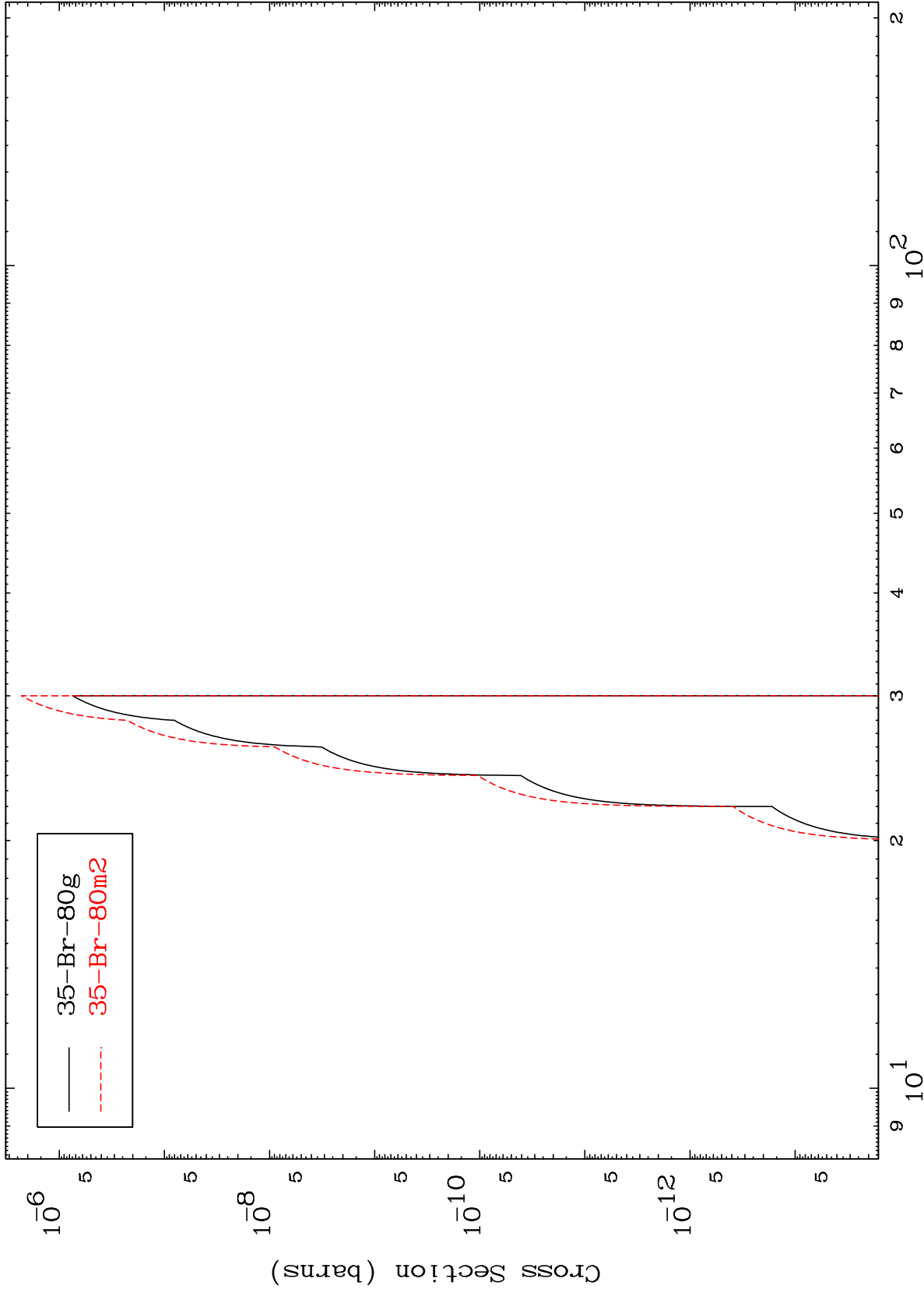
³⁸Sr-⁸⁷m

MAT 3835

(n,n') 2α

38-Sr-87m

Radionuclide Production Cross Section



— 35-Br-80g
- - - 35-Br-80m2

18

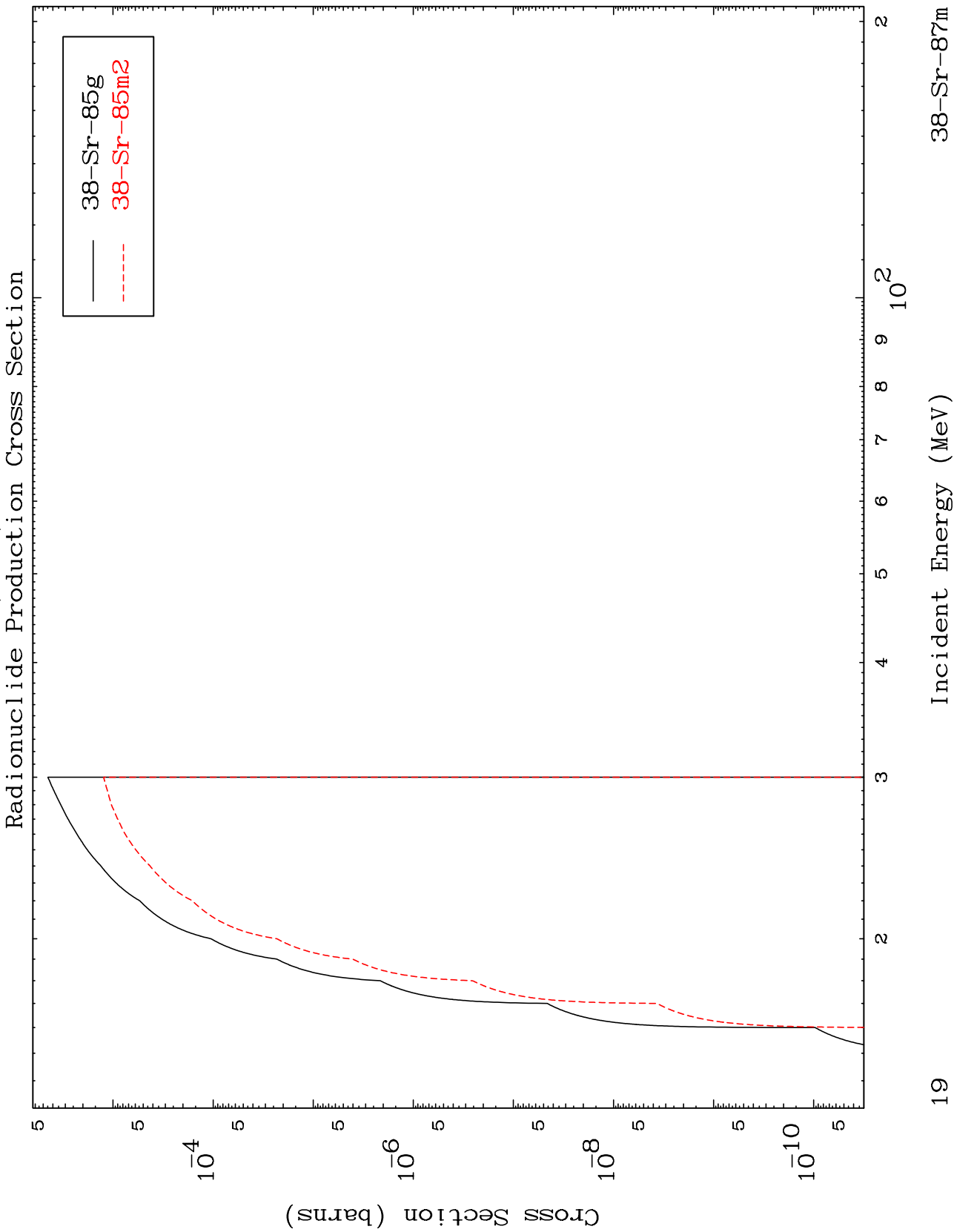
Incident Energy (MeV)

38-Sr-87m

MAT 3835

(n,n') t

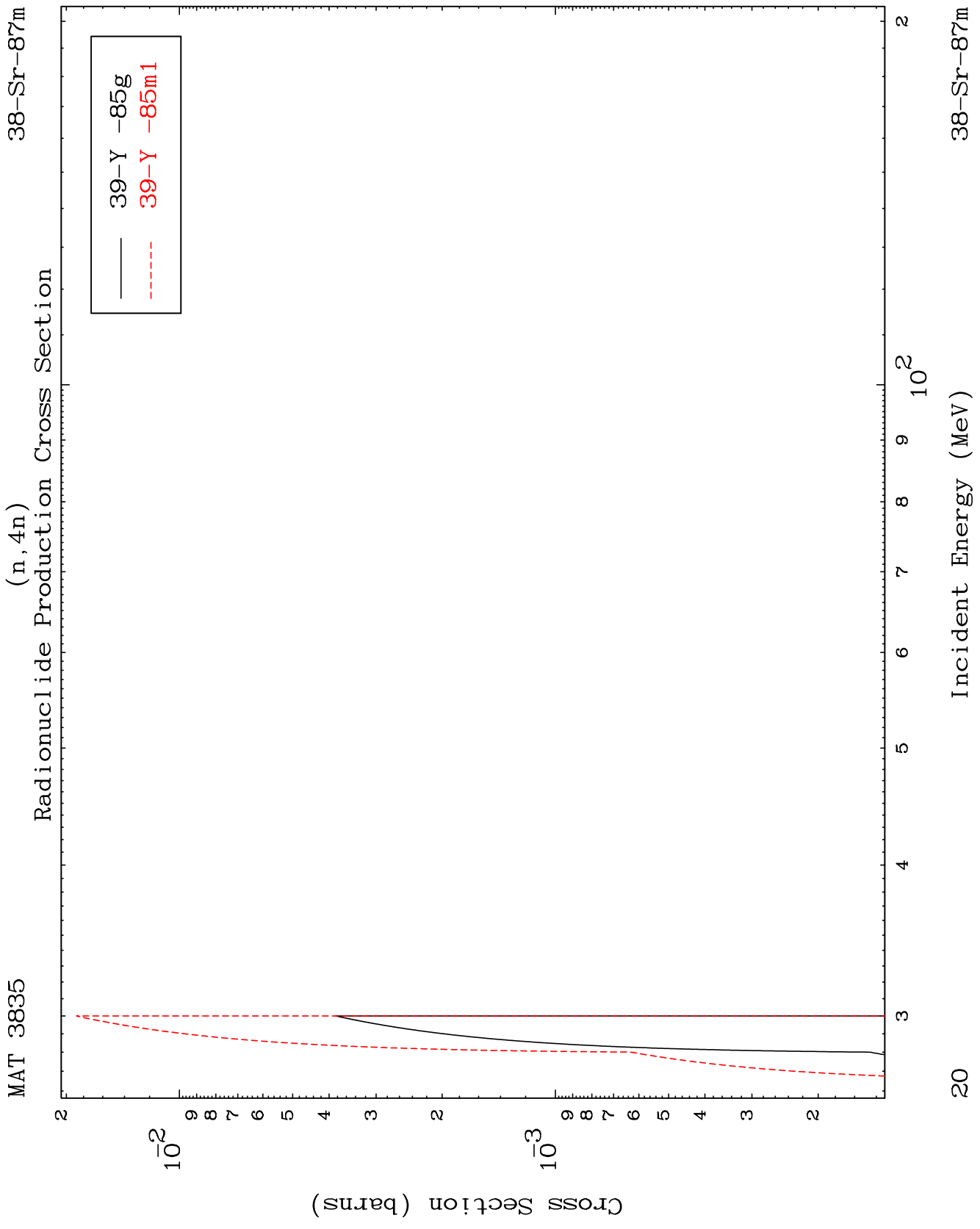
38-Sr-87m



19

Incident Energy (MeV)

38-Sr-87m

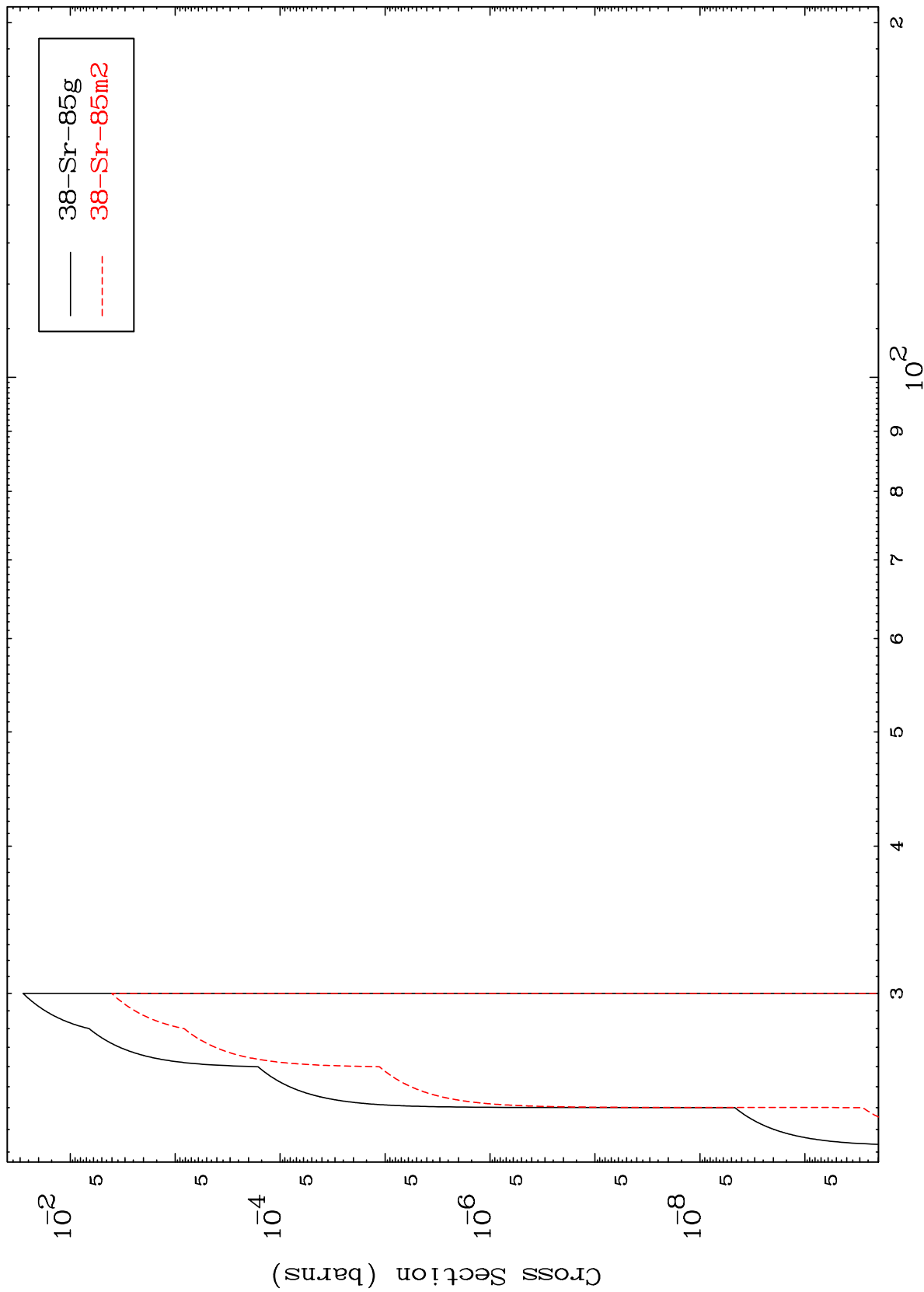


MAT 3835

(n,3n) p

38-Sr-87m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

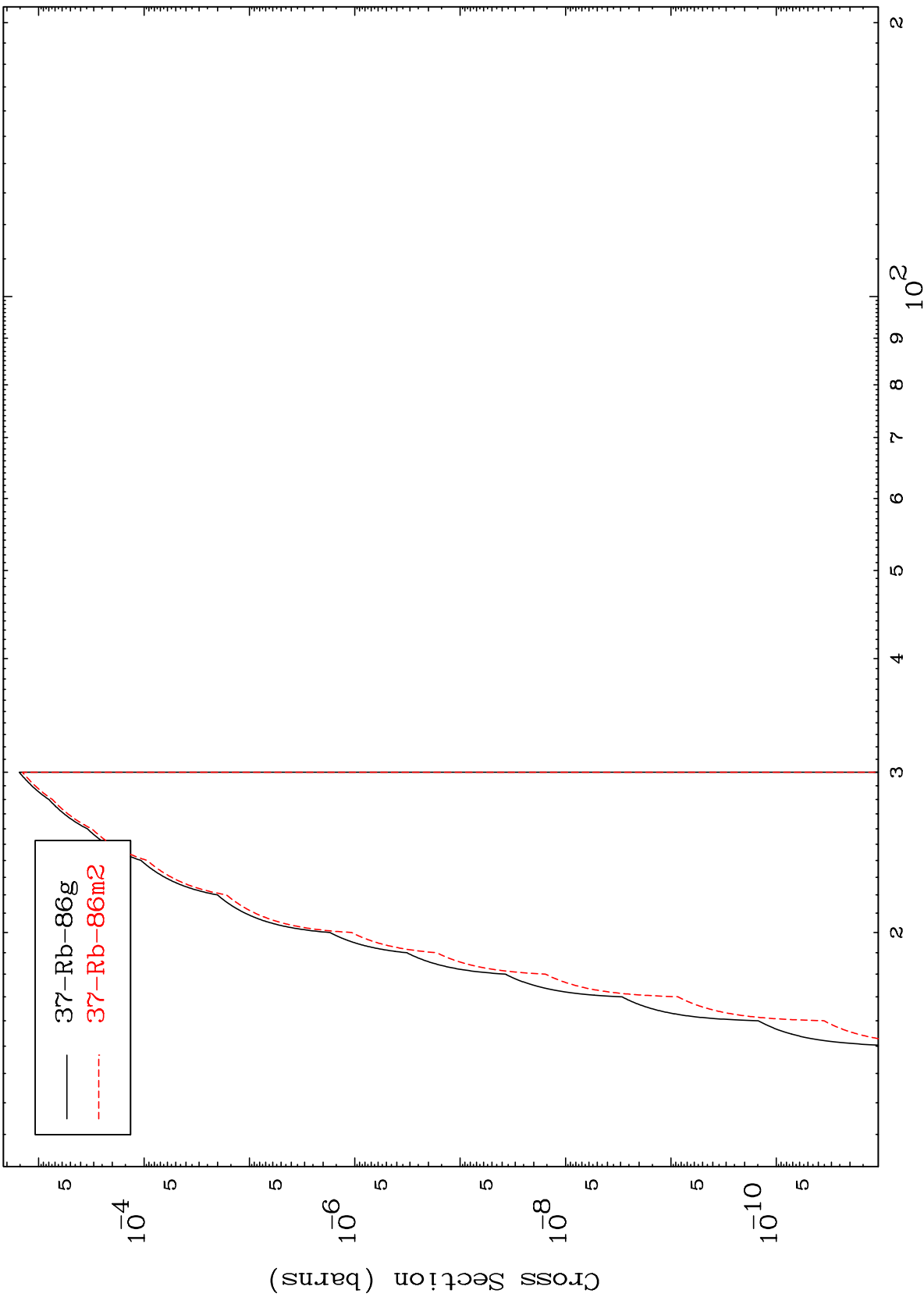
38-Sr-87m

MAT 3835

(n,2n) p

³⁸Sr-⁸⁷m

Radionuclide Production Cross Section



Incident Energy (MeV)

³⁸Sr-⁸⁷m

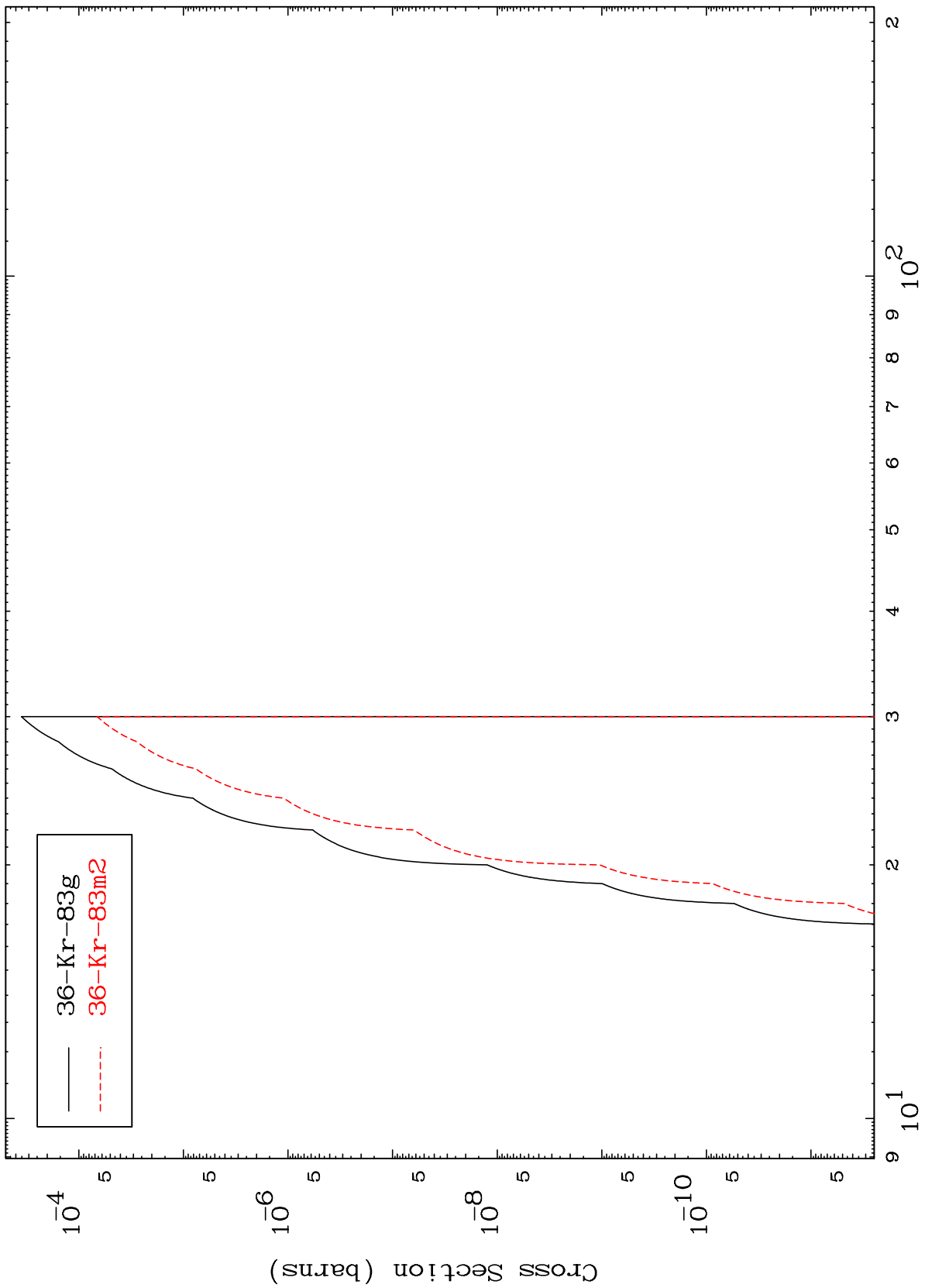
22

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(n,n') p α

38-Sr-87m

Radionuclide Production Cross Section



— 36-Kr-83g
- - - 36-Kr-83m2

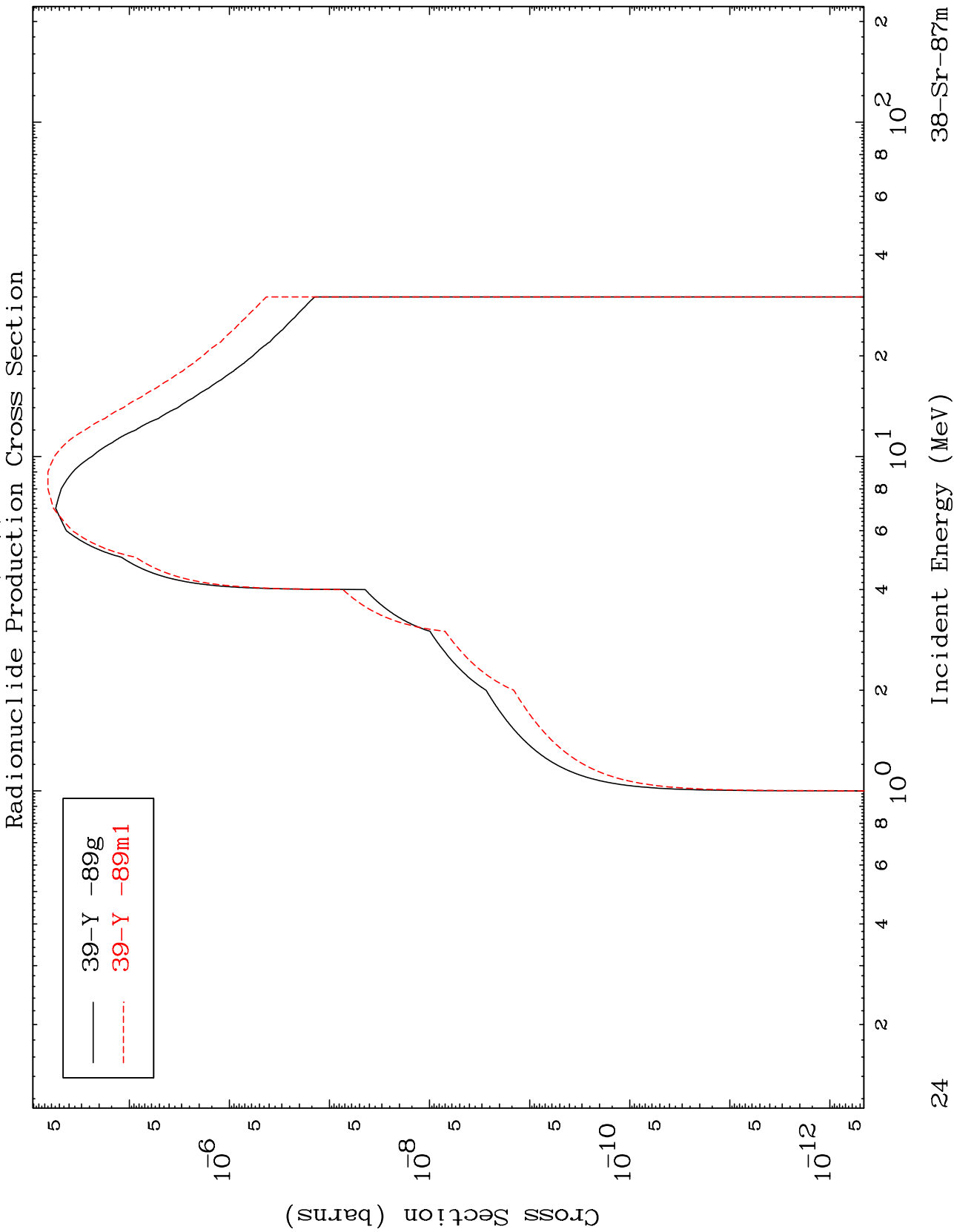
Incident Energy (MeV)

38-Sr-87m

23

MAT 3835

³⁸Sr-87m

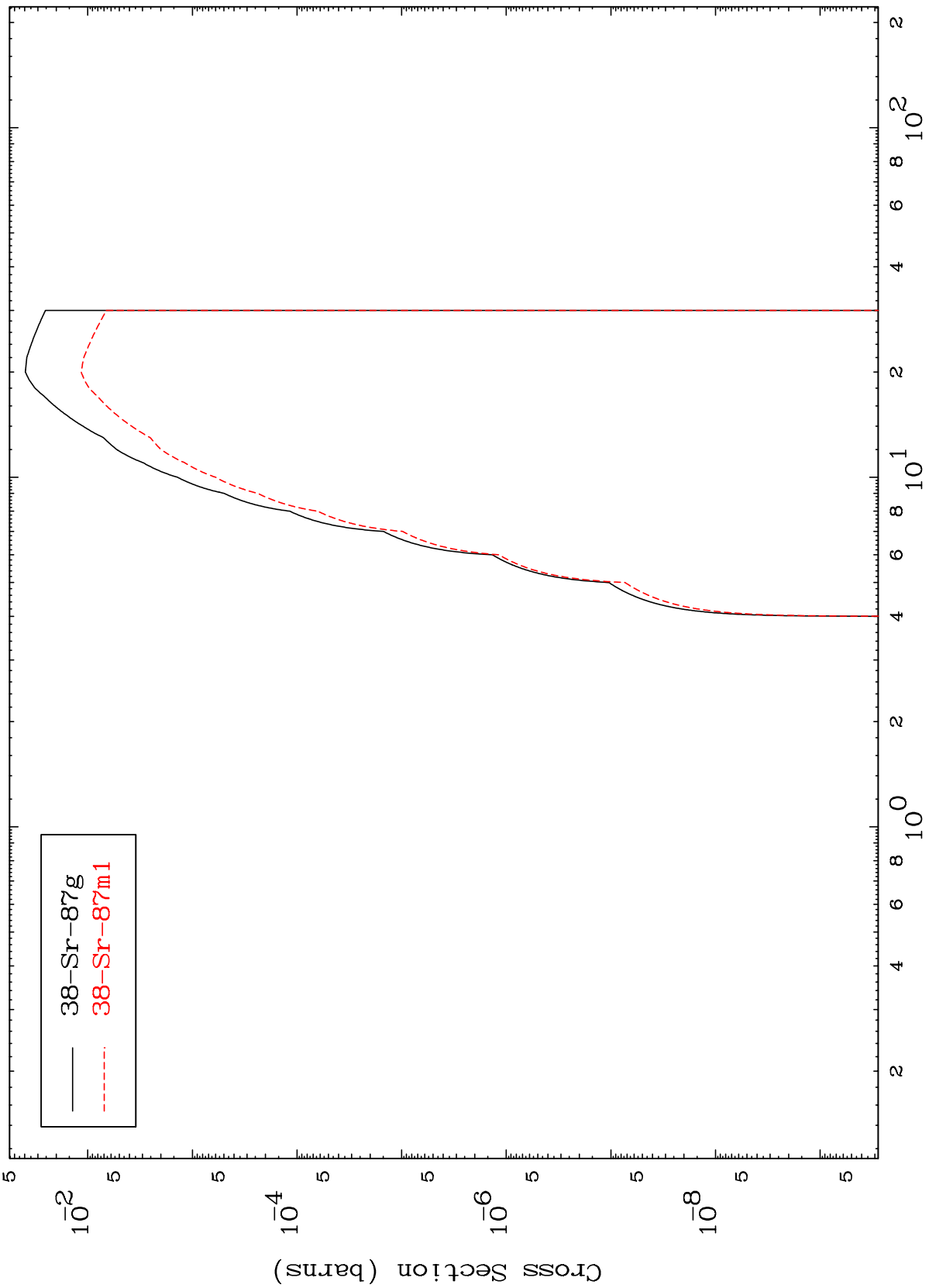


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(n,d)

38-Sr-87m

Radionuclide Production Cross Section



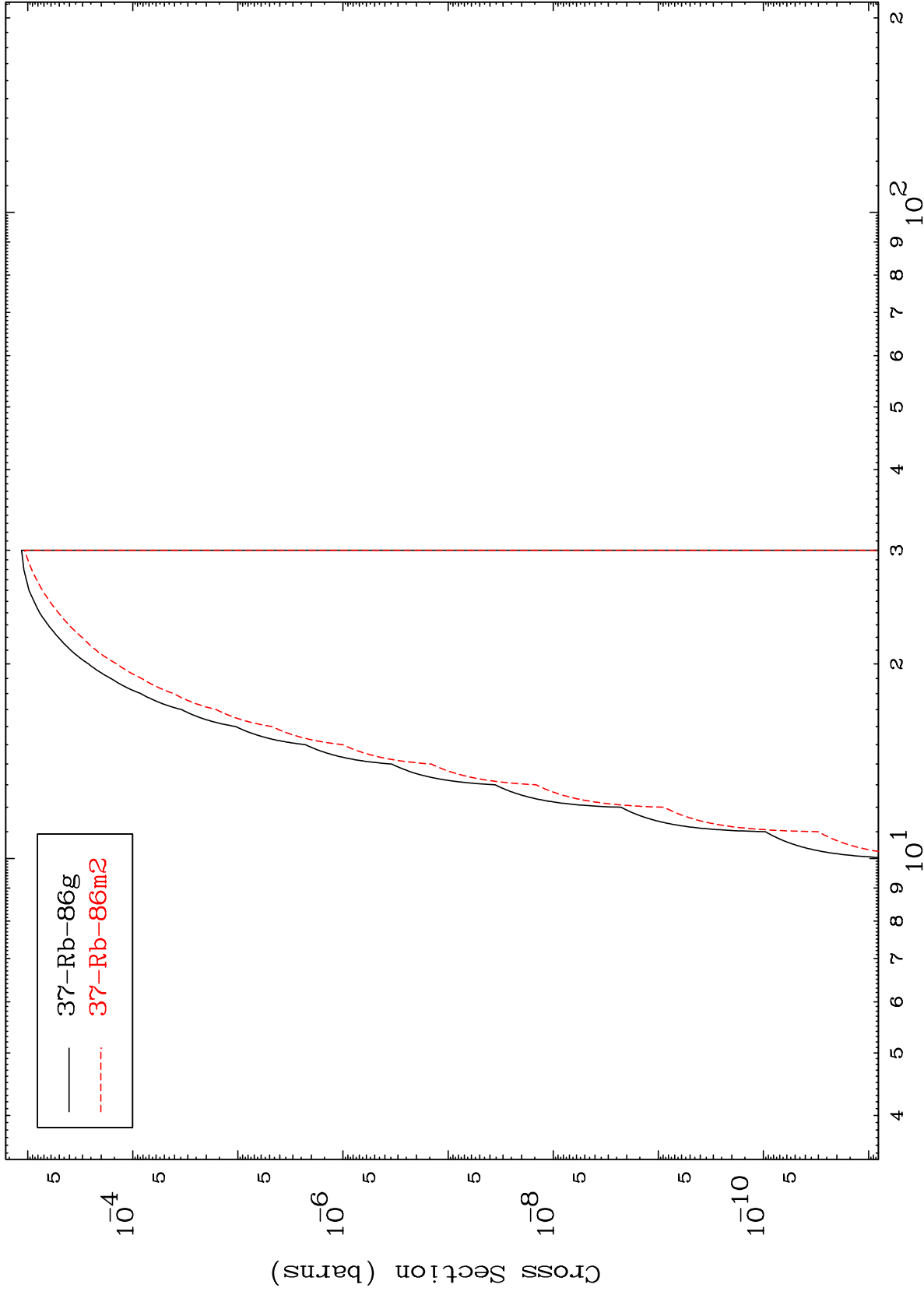
38-Sr-87g
38-Sr-87m1

MAT 3835

(n,He-3)

38-Sr-87m

Radionuclide Production Cross Section



26

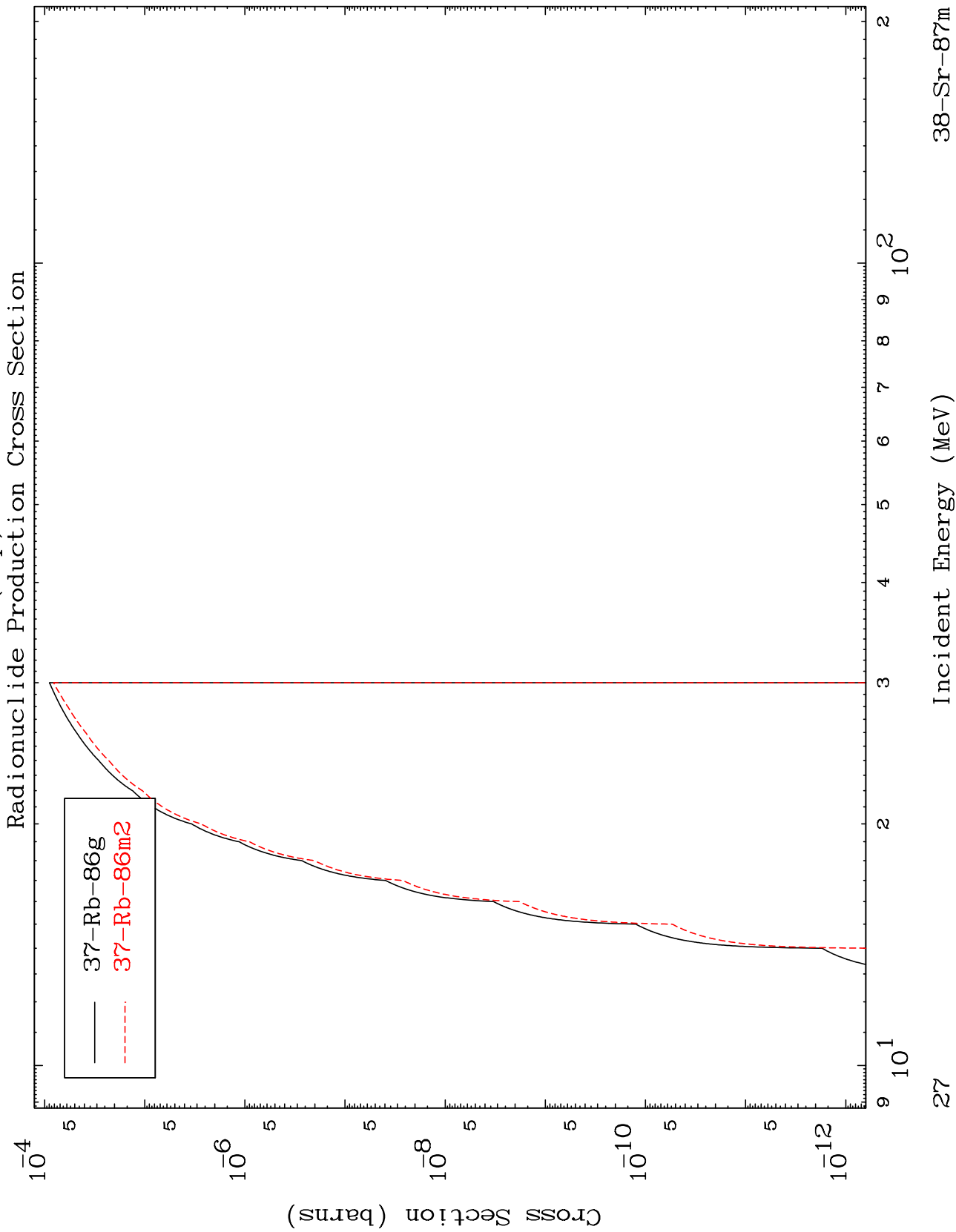
Incident Energy (MeV)

38-Sr-87m

MAT 3835

(n,p) d

³⁸Sr-⁸⁷m



27

Incident Energy (MeV)

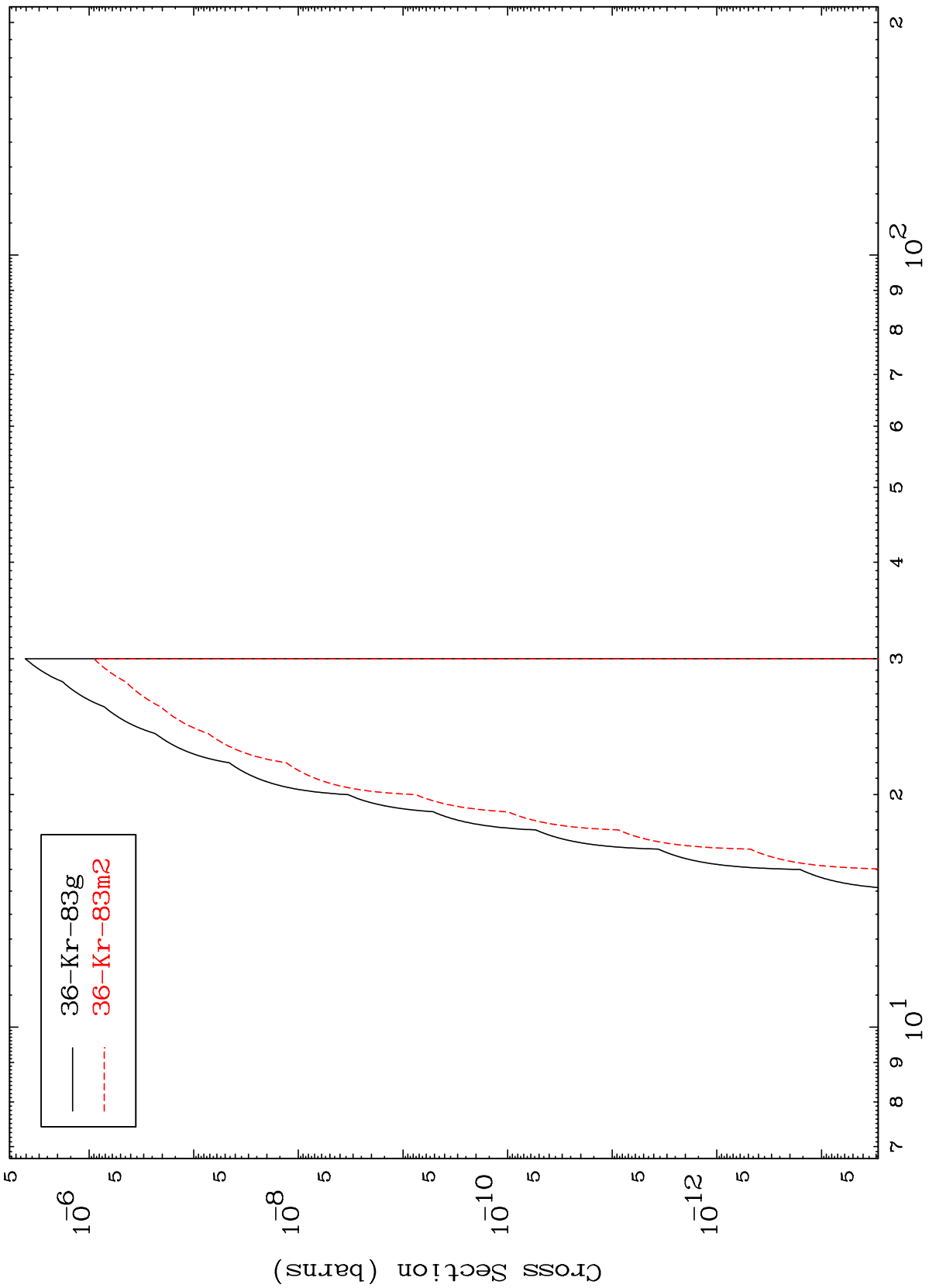
³⁸Sr-⁸⁷m

MAT 3835

(n,d) α

38-Sr-87m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

38-Sr-87m