

Program EVALPLOT
(Version 2021-1)

by

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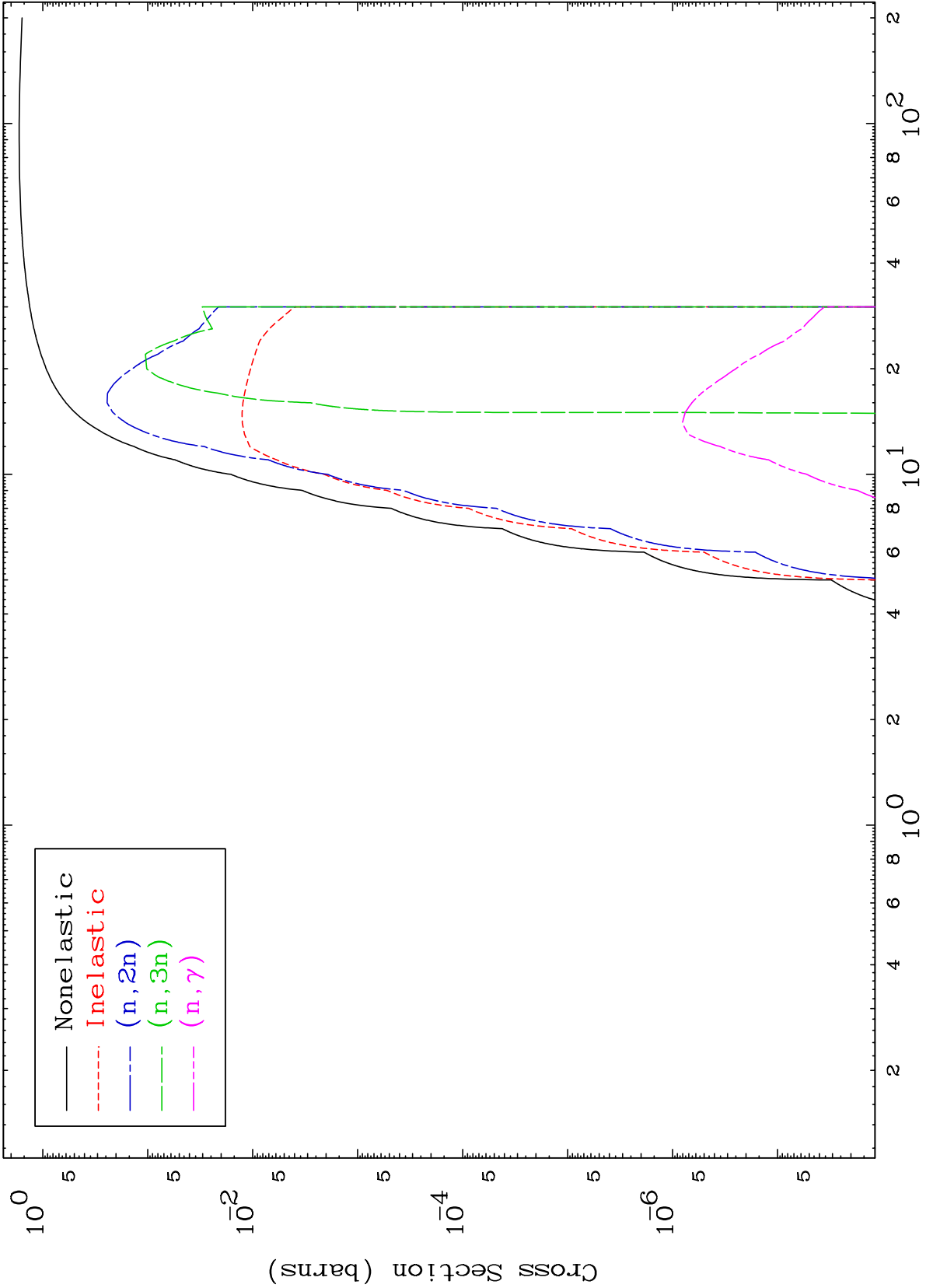
Press Mouse Button to Start

MAT 3835

He-3 Major

0 Kelvin Cross Sections

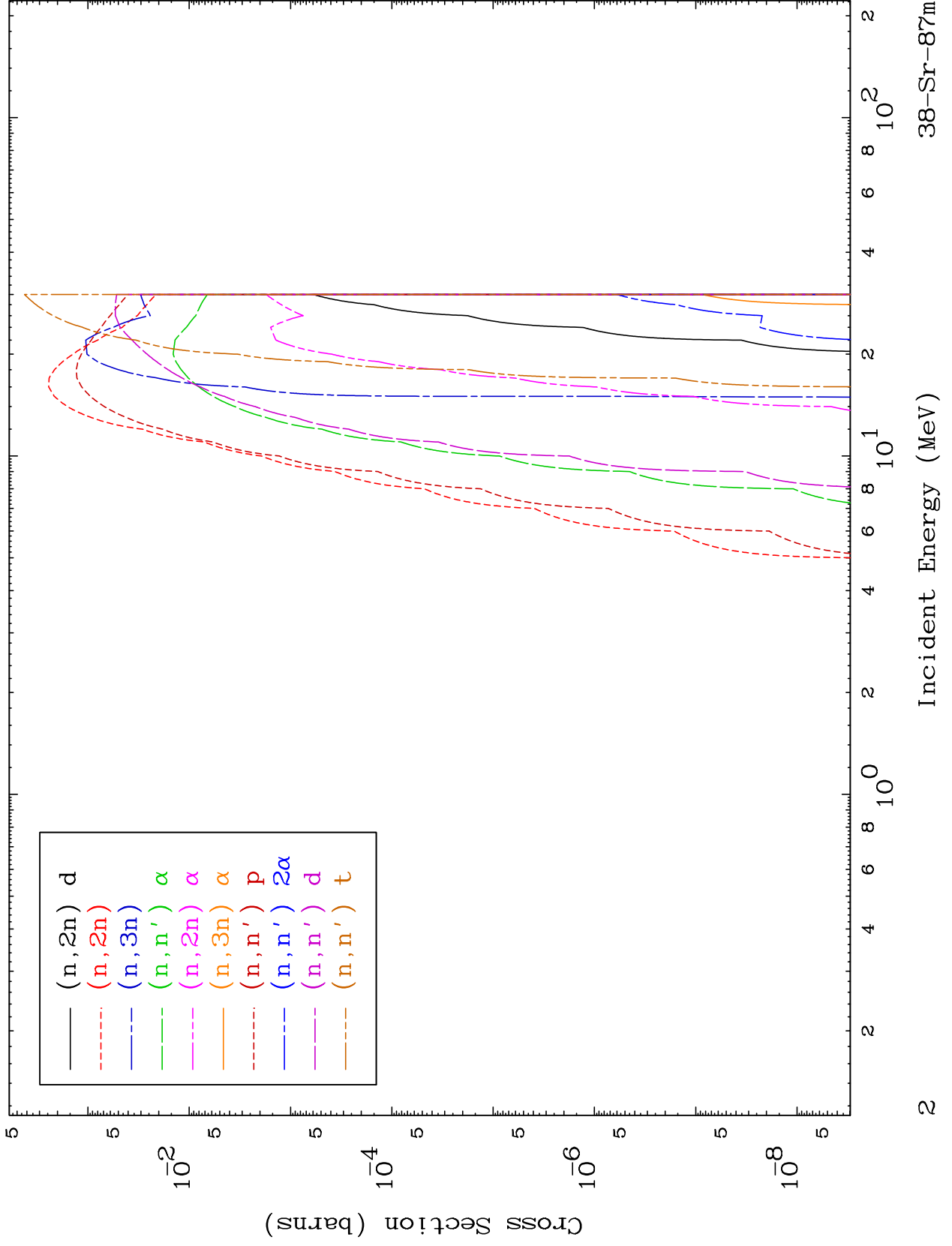
38-Sr-87m



MAT 3835

He-3 Neutron Absorption
0 Kelvin Cross Sections

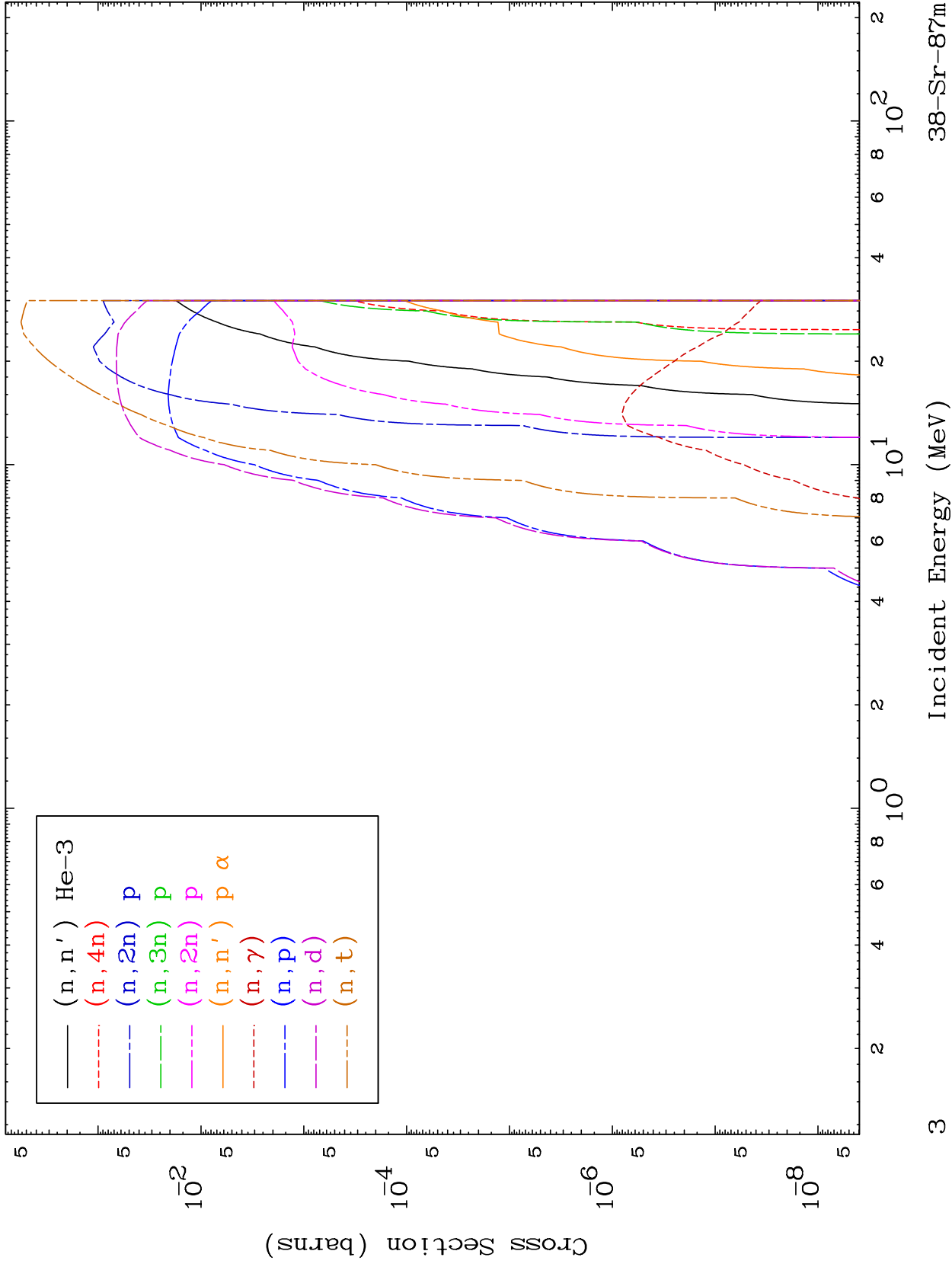
38-Sr-87m



MAT 3835

He-3 Neutron Absorption
0 Kelvin Cross Sections

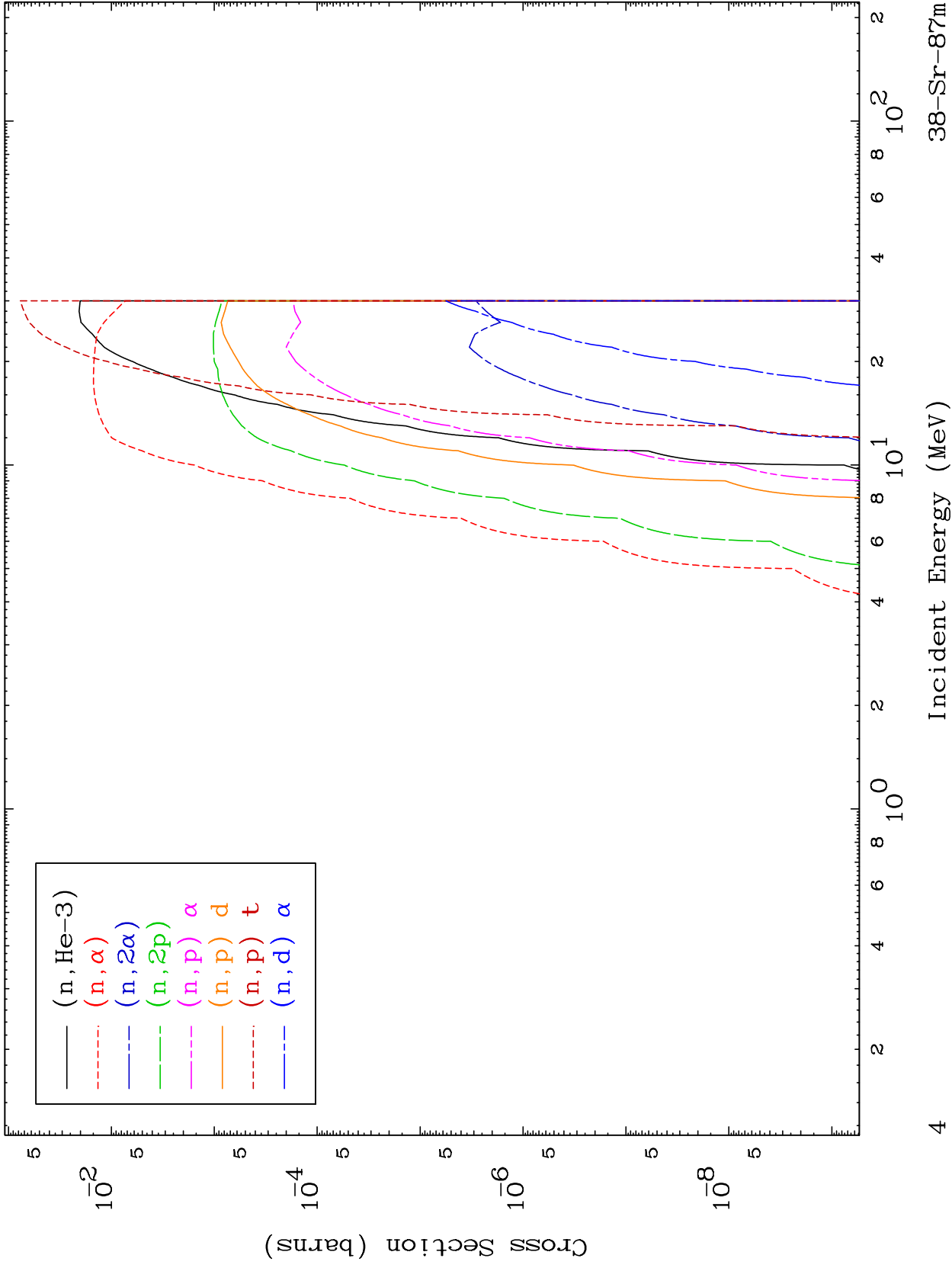
38-Sr-87m



MAT 3835

He-3 Neutron Absorption
0 Kelvin Cross Sections

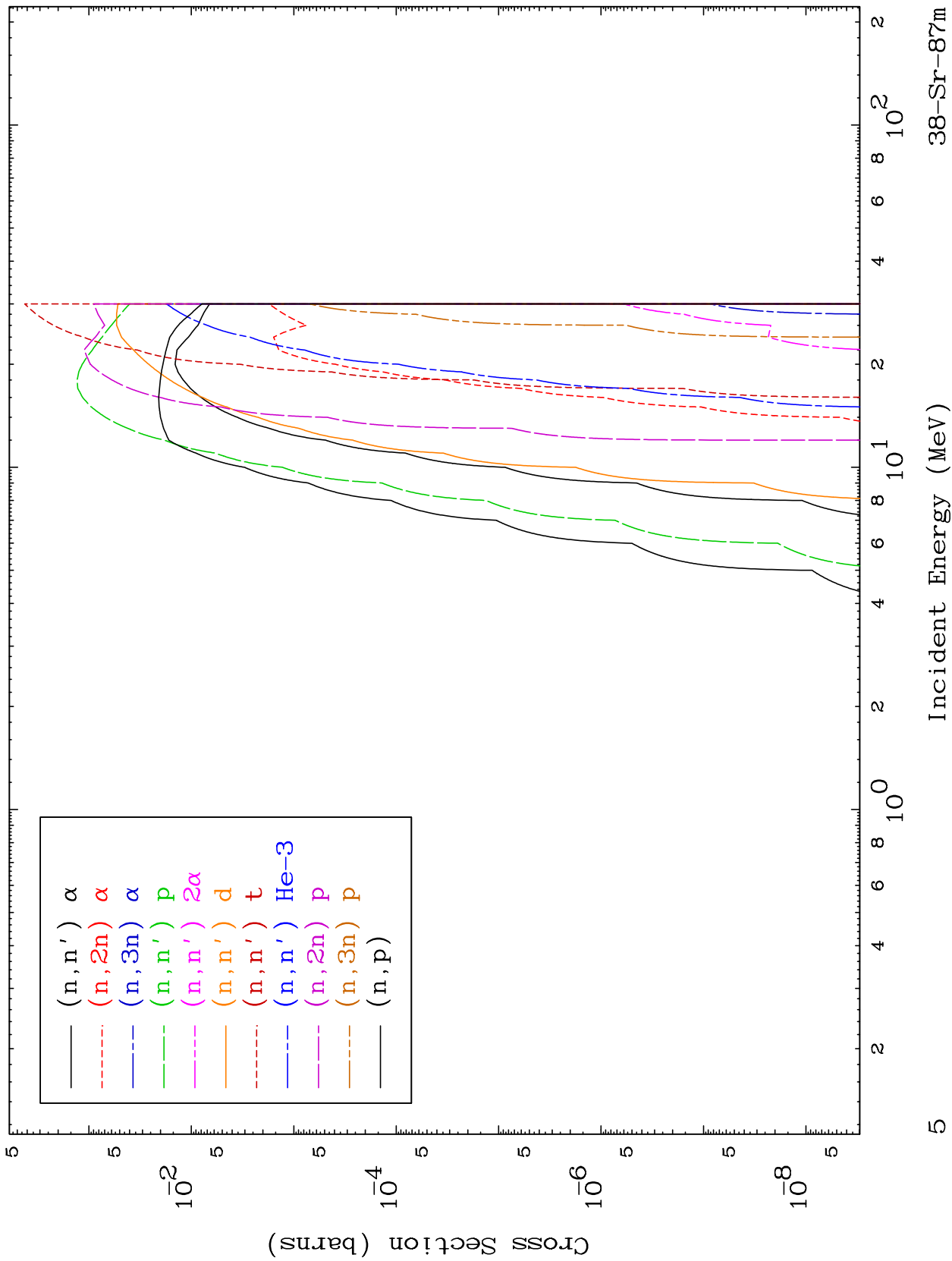
38-Sr-87m



MAT 3835

He-3 Charged Particle
0 Kelvin Cross Sections

38-Sr-87m



5

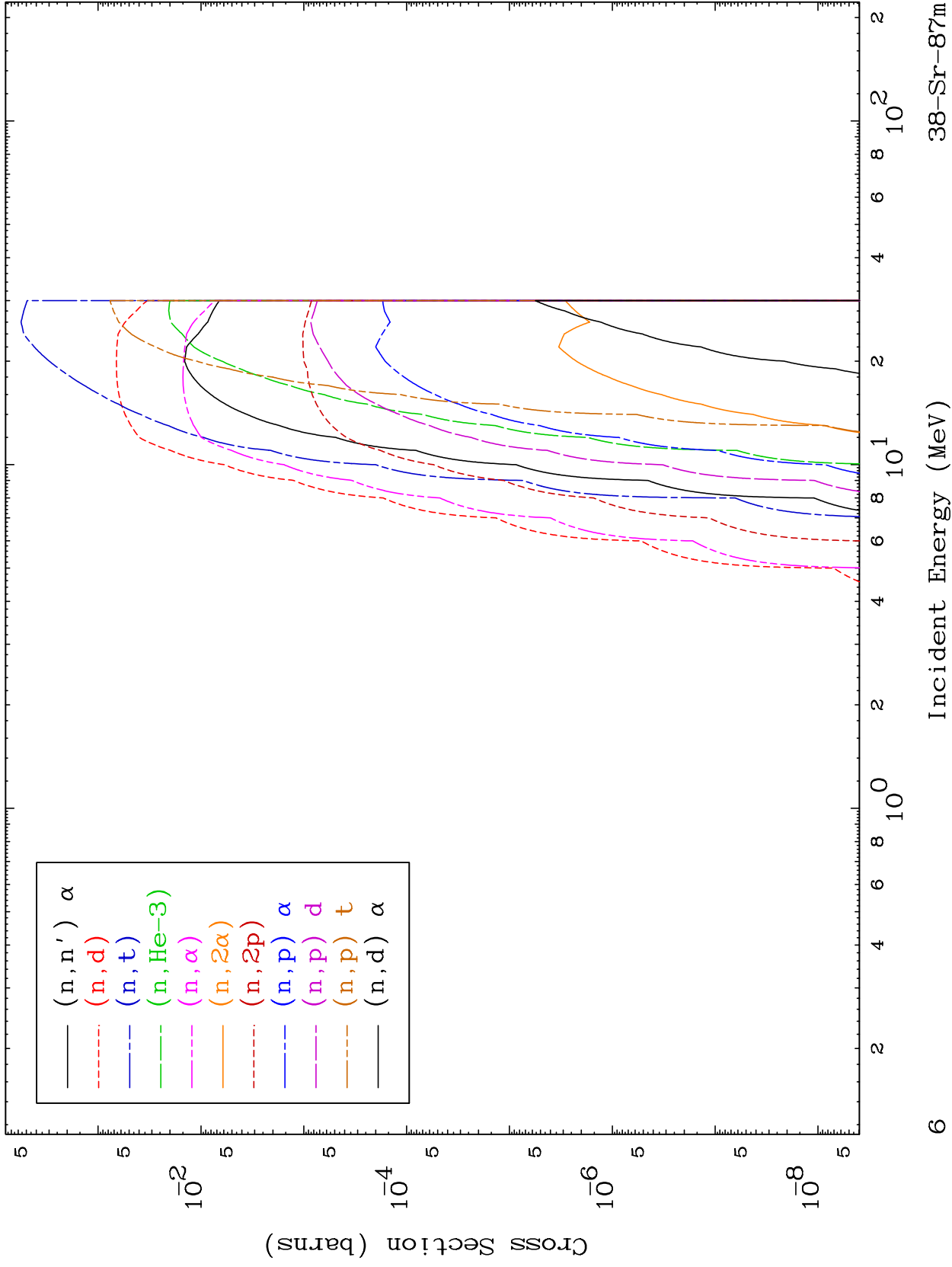
Incident Energy (MeV)

38-Sr-87m

MAT 3835

He-3 Charged Particle
0 Kelvin Cross Sections

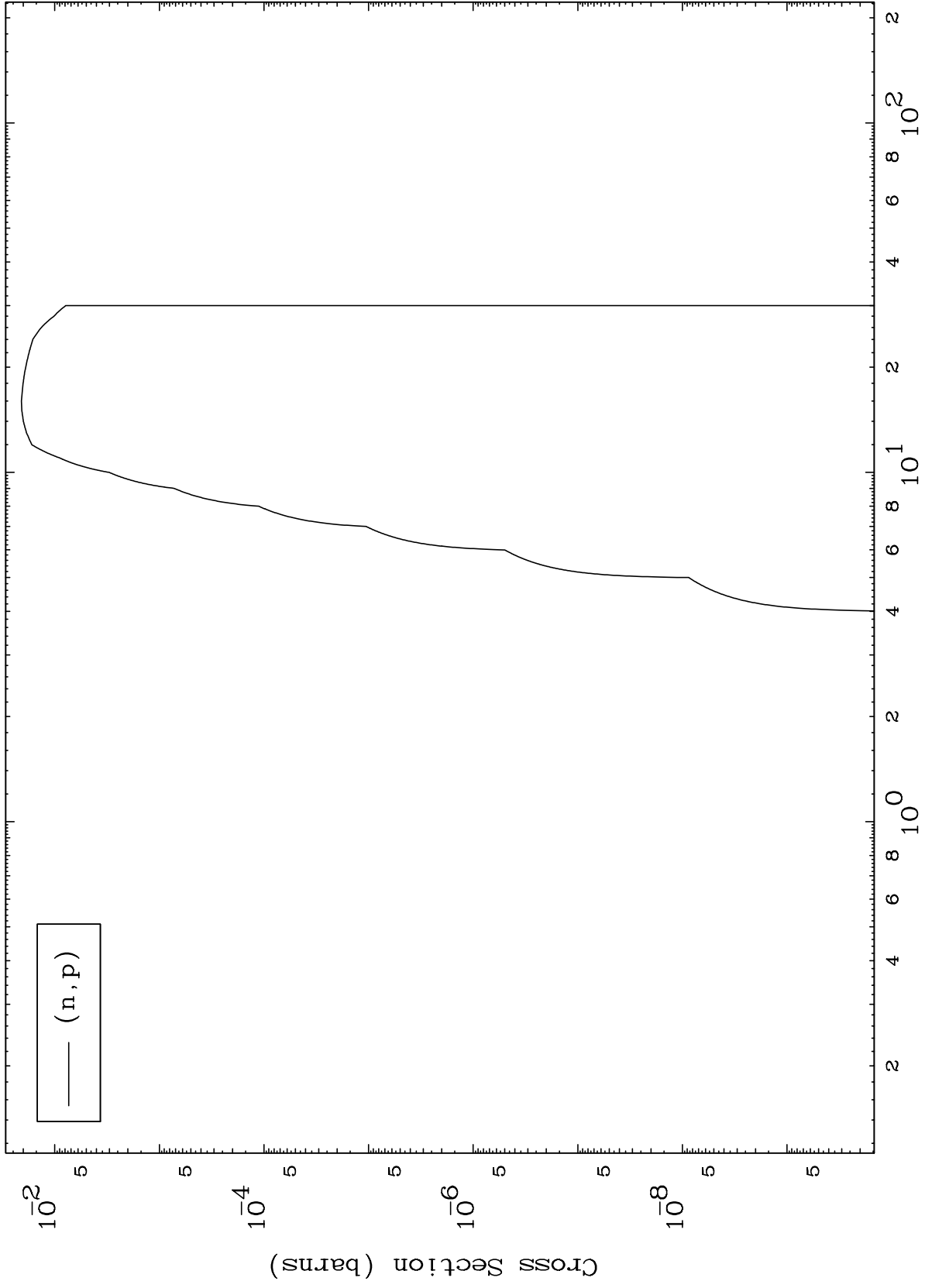
38-Sr-87m



MAT 3835

(He-3,p) Levels
0 Kelvin Cross Sections

38-Sr-87m

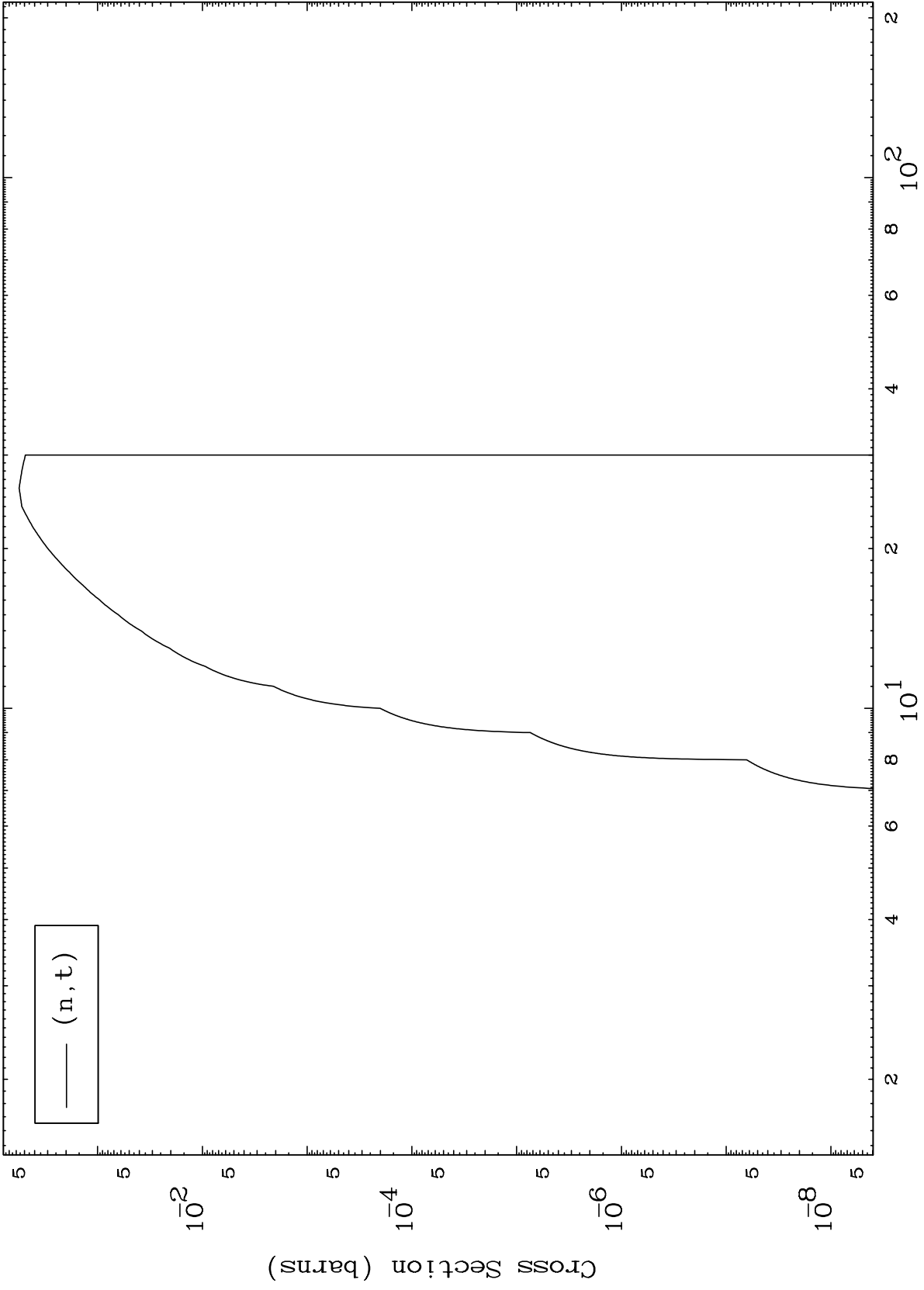


(n,p)

MAT 3835

(He-3,t) Levels
0 Kelvin Cross Sections

38-Sr-87m

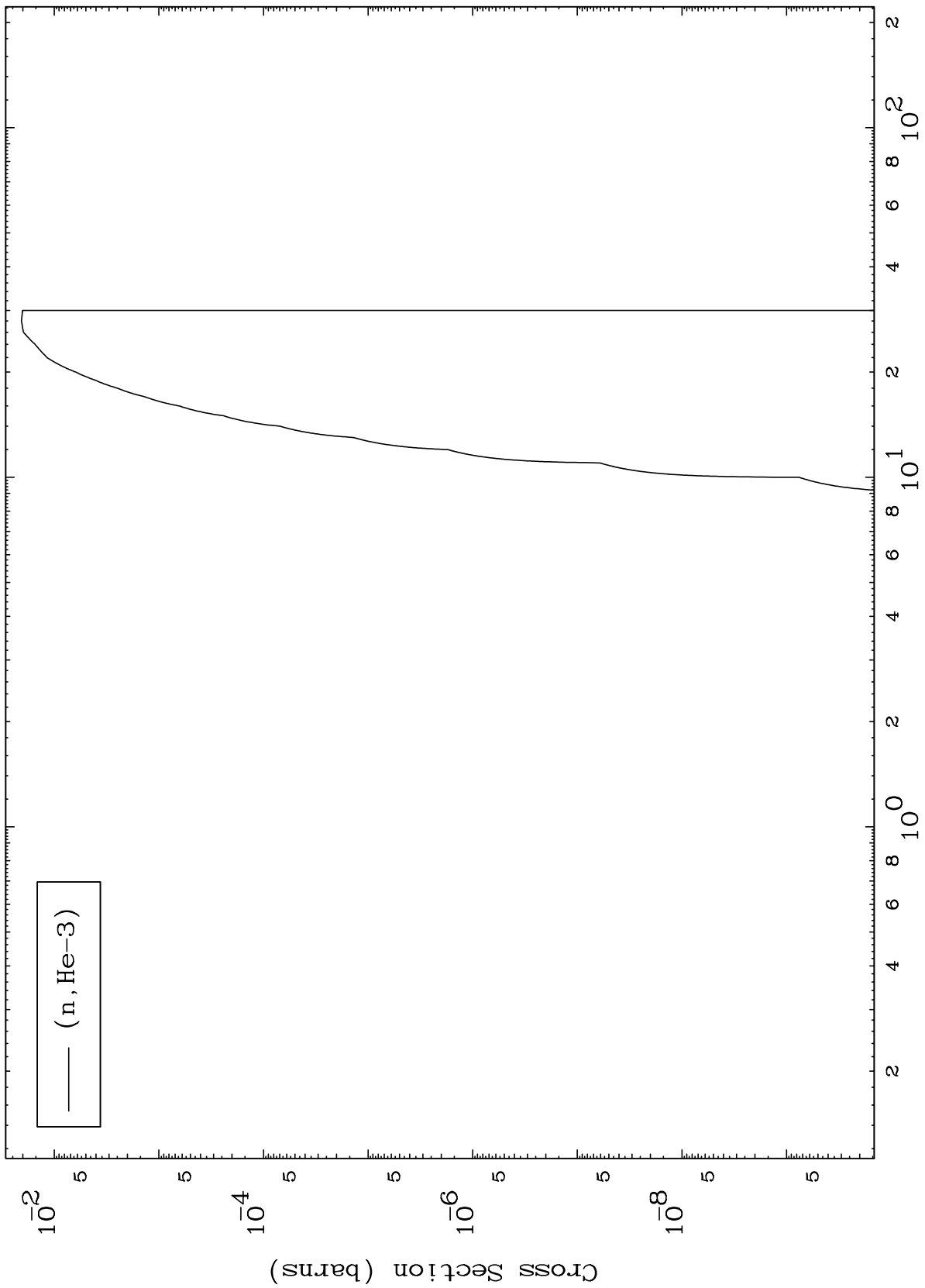


MAT 3835

(He-3, He3) Levels

38-Sr-87m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

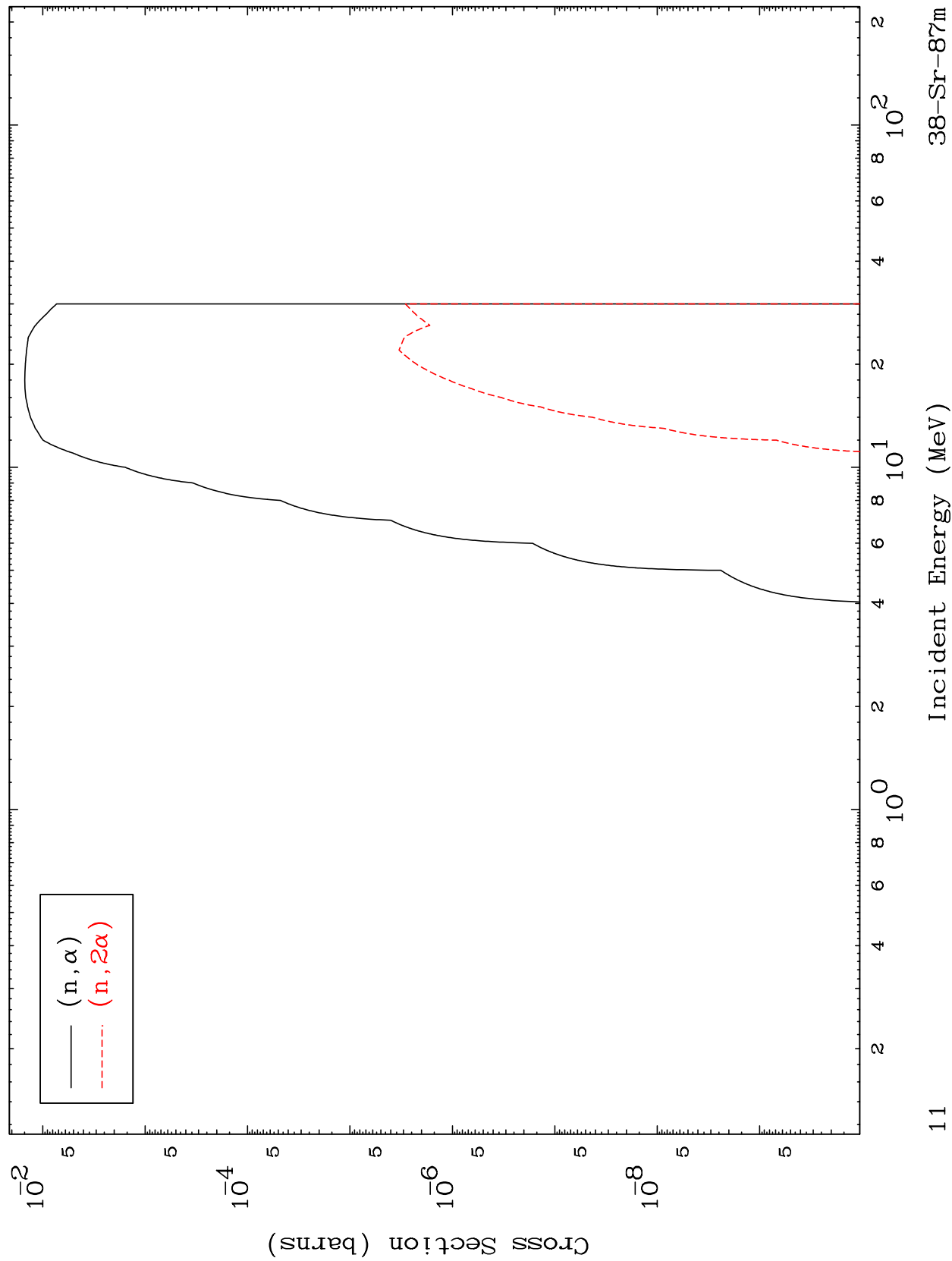
38-Sr-87m

MAT 3835

(He-3, α) Levels

38-Sr-87m

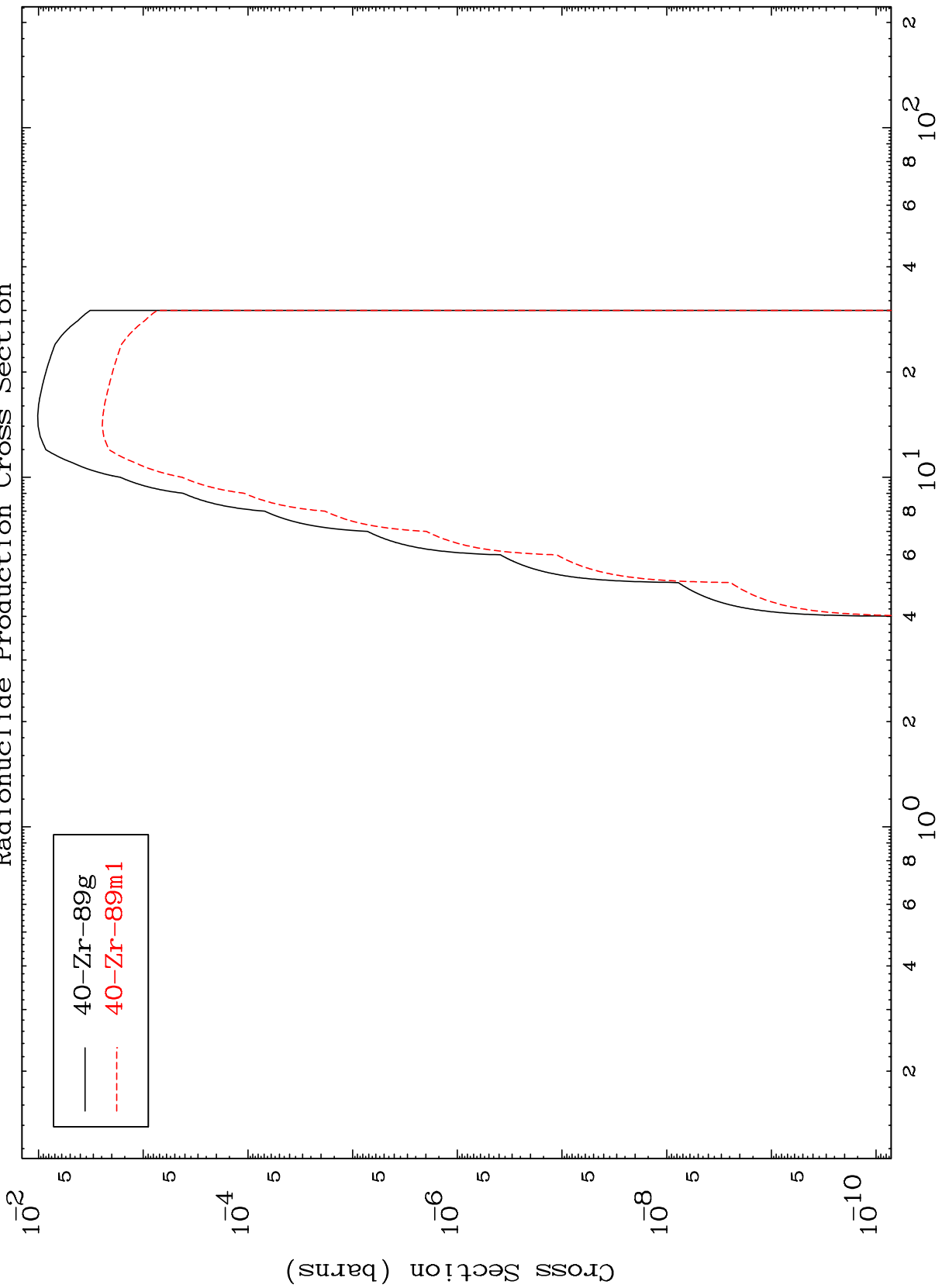
0 Kelvin Cross Sections



MAT 3835

38-Sr-87m

Inelastic
Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1

12

38-Sr-87m

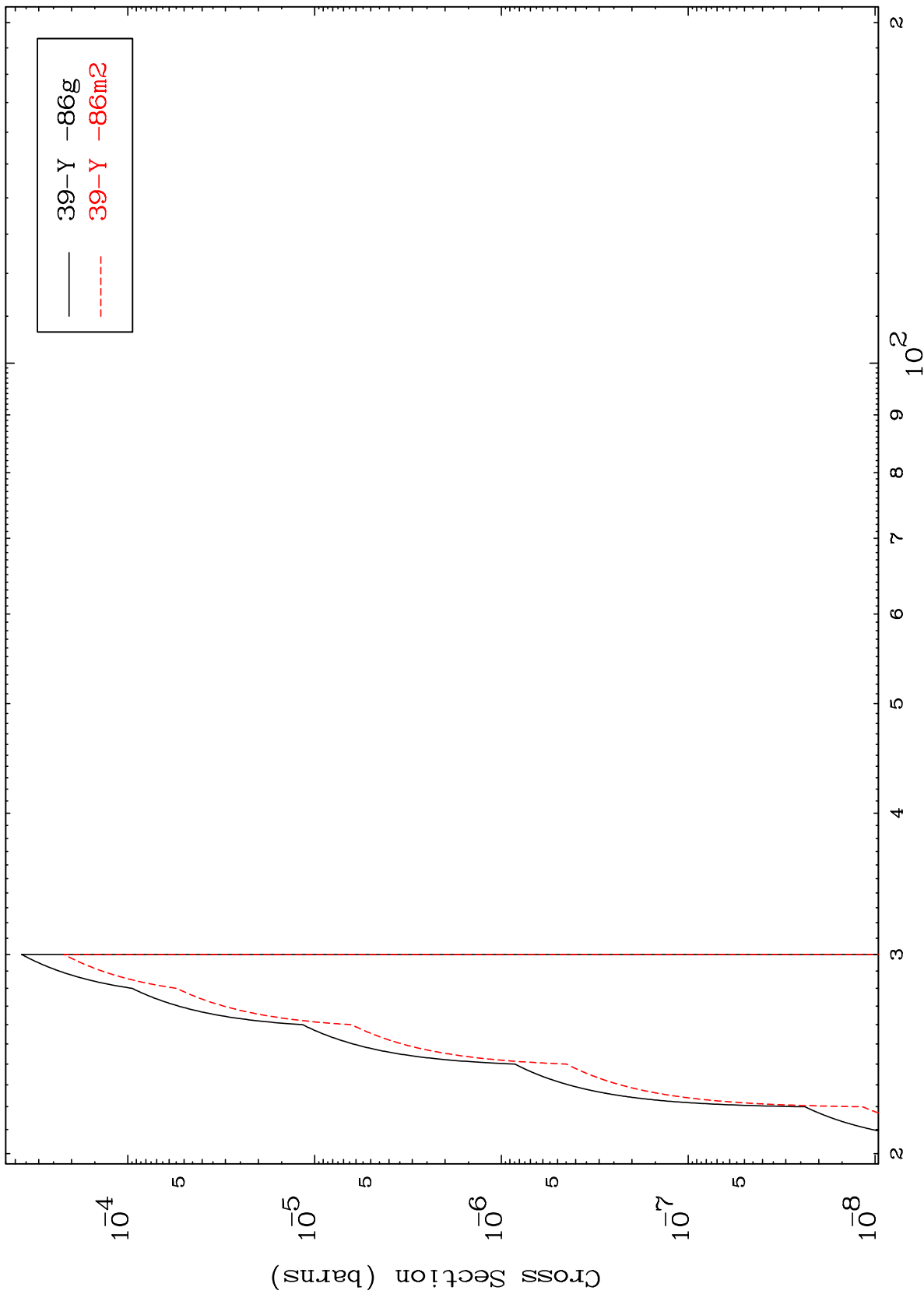
Incident Energy (MeV)

MAT 3835

(n,2n) d

38-Sr-87m

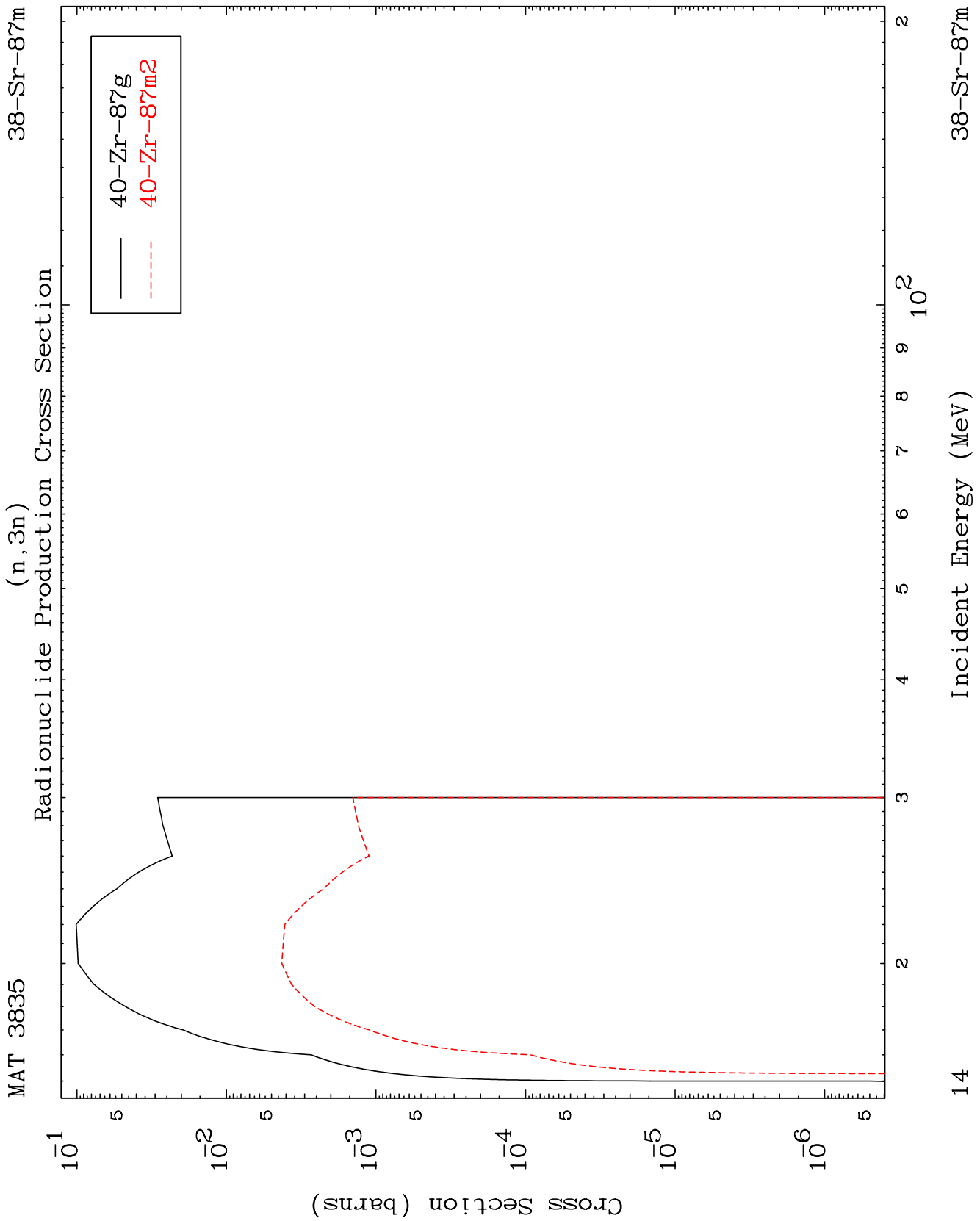
Radionuclide Production Cross Section



13

Incident Energy (MeV)

38-Sr-87m

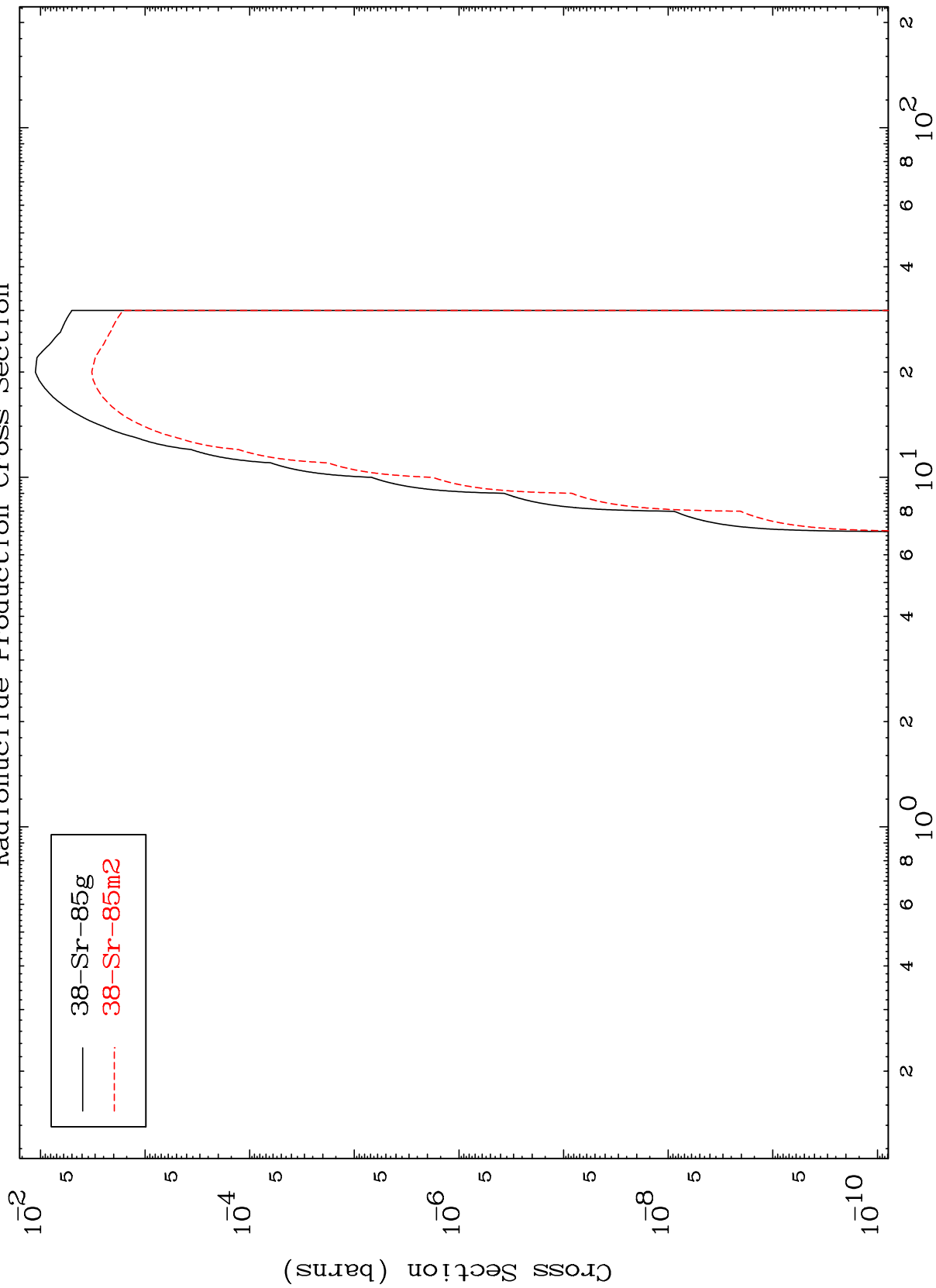


MAT 3835

$(n, n') \alpha$

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

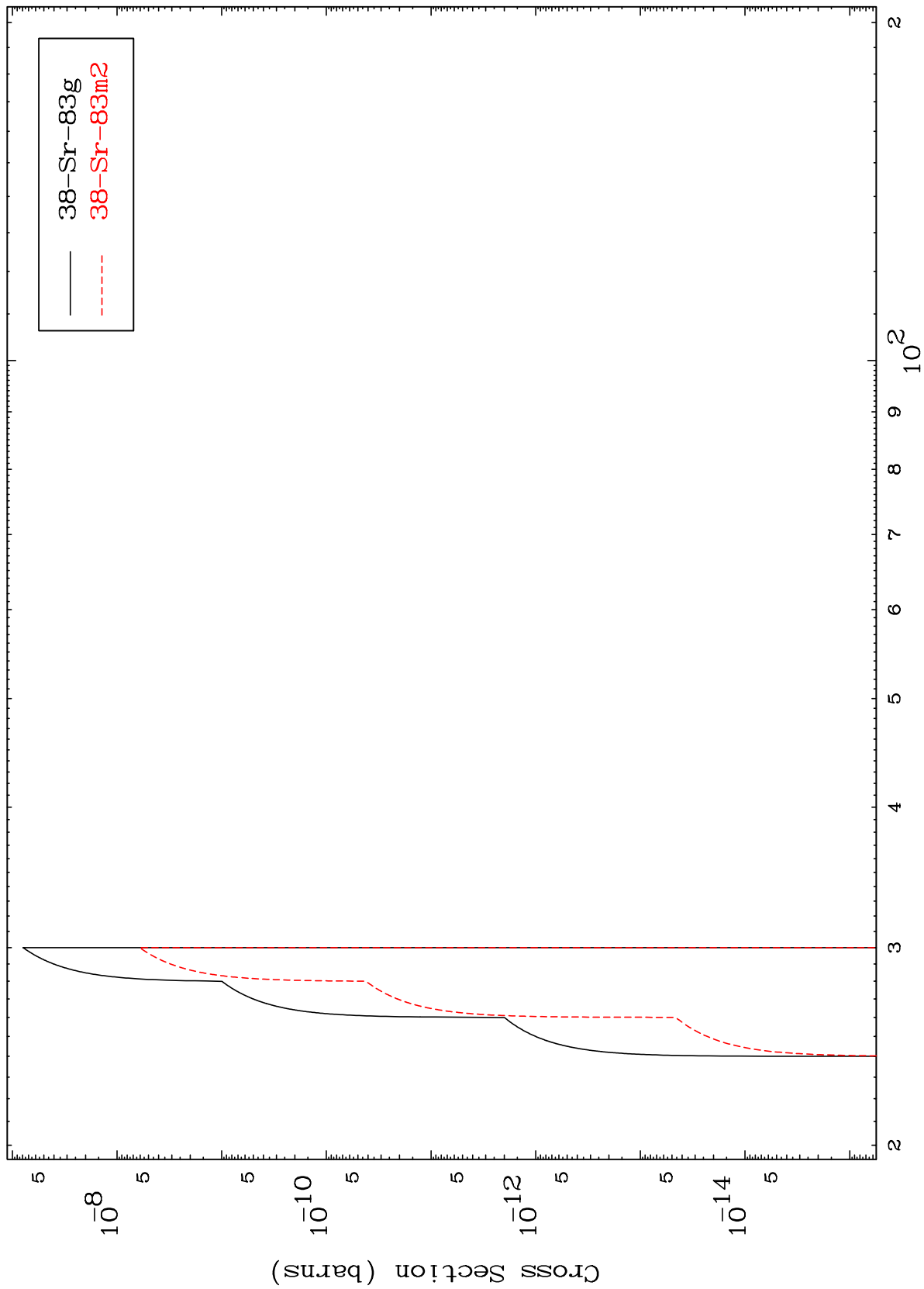
$^{38}\text{Sr-87m}$

MAT 3835

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



16

Incident Energy (MeV)

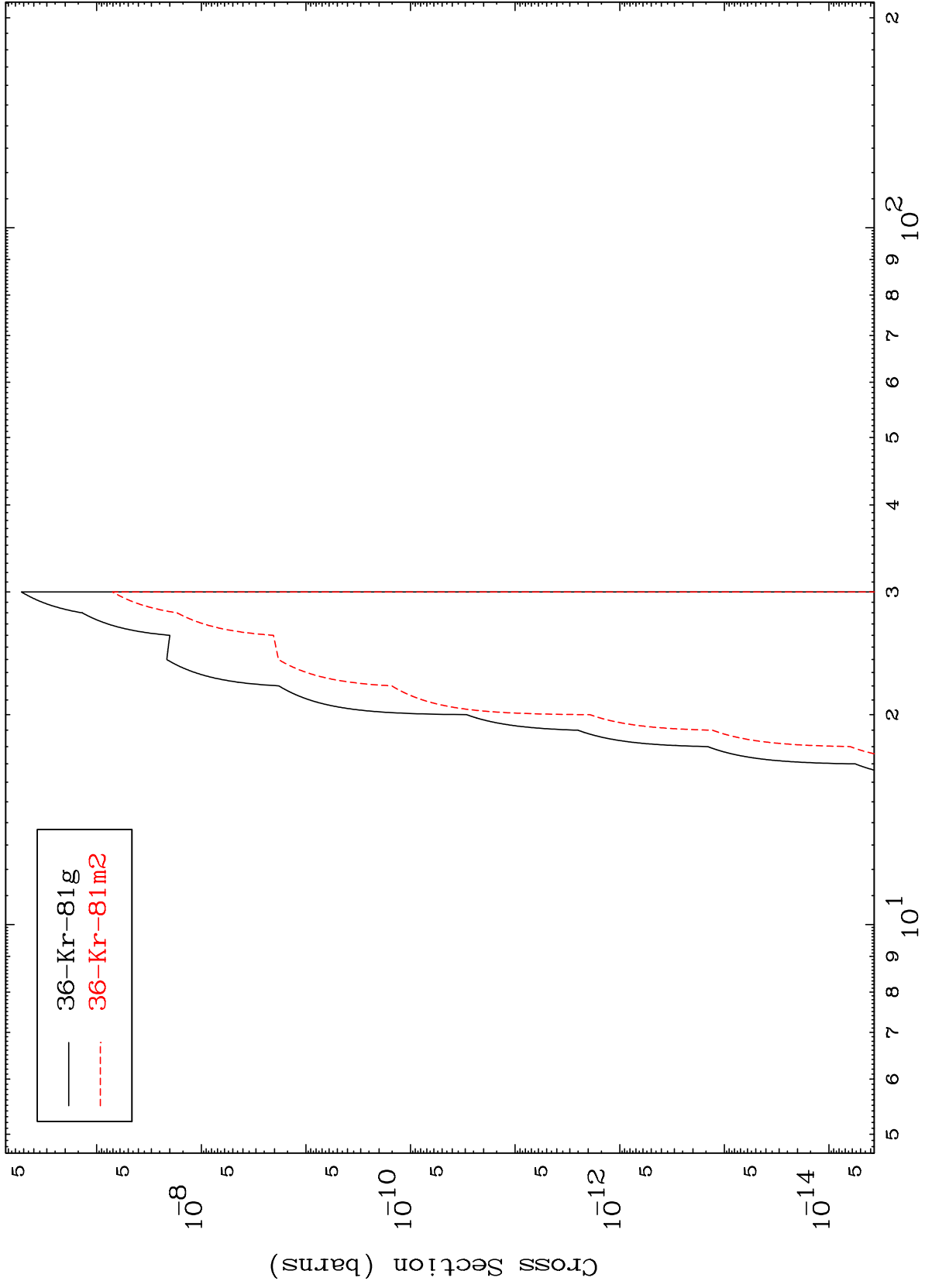
$^{38}\text{Sr}-87\text{m}$

MAT 3835

(n,n') 2α

38-Sr-87m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

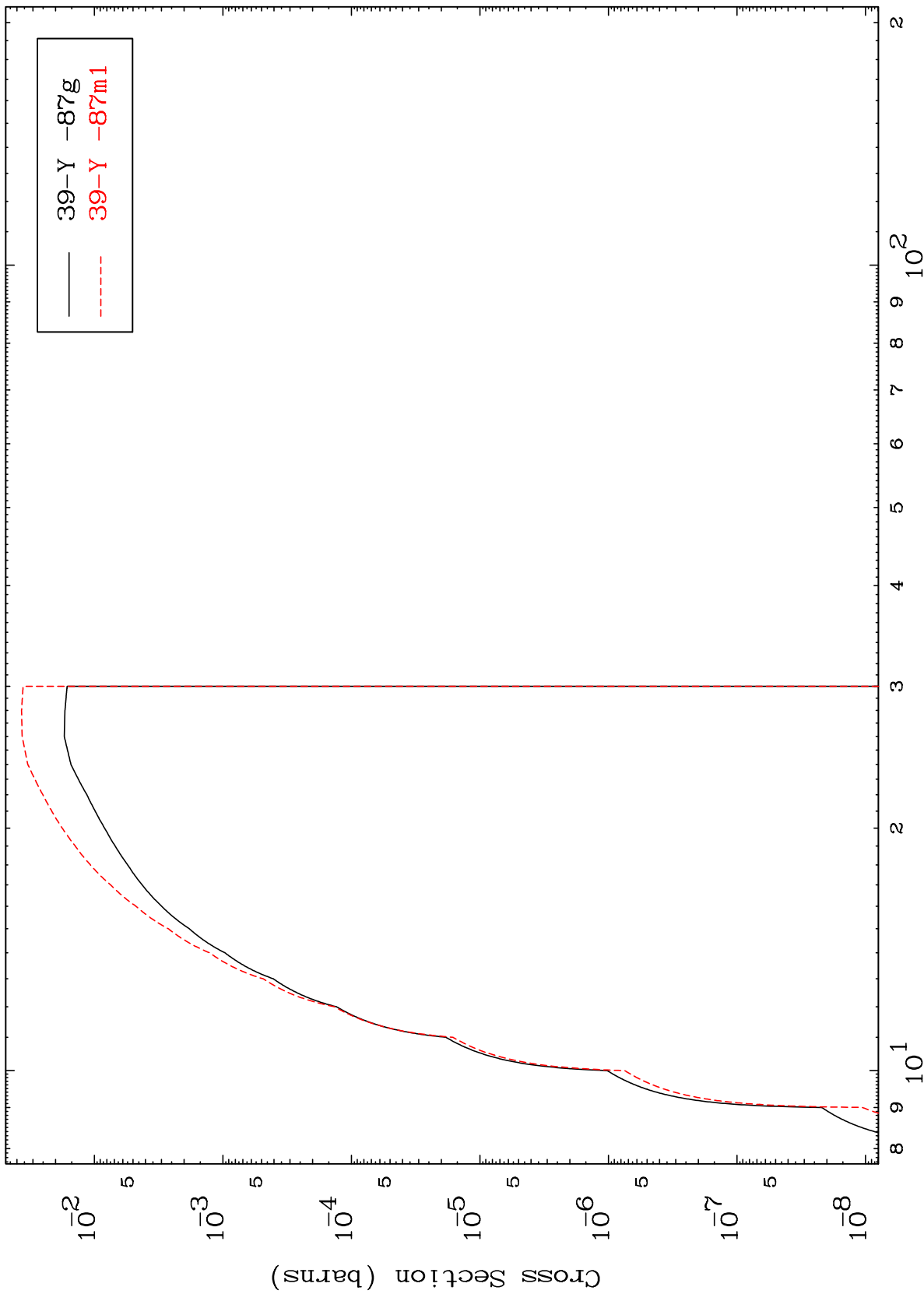
38-Sr-87m

MAT 3835

(n,n') d

³⁸Sr-⁸⁷m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

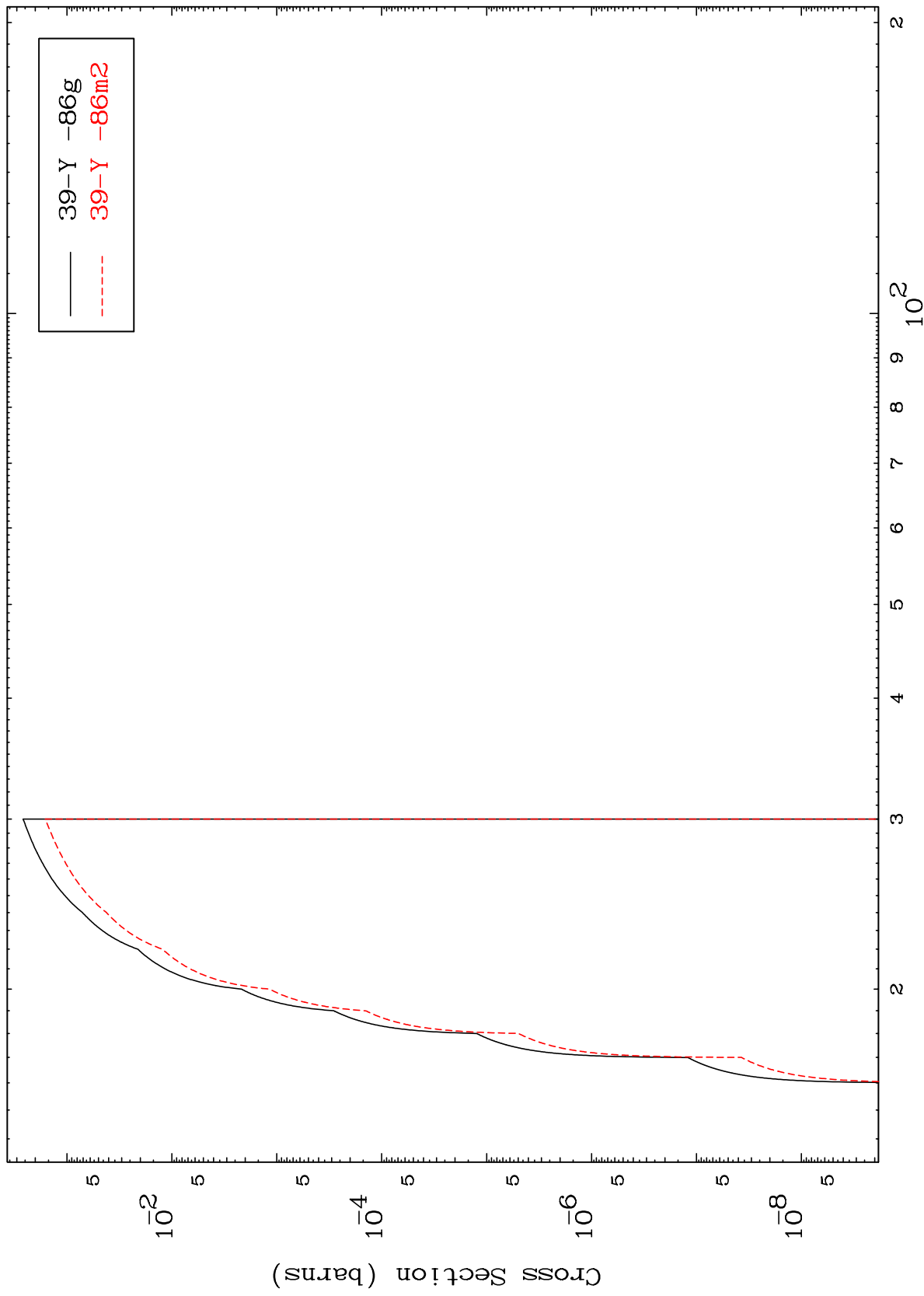
³⁸Sr-⁸⁷m

MAT 3835

(n,n') t

38-Sr-87m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

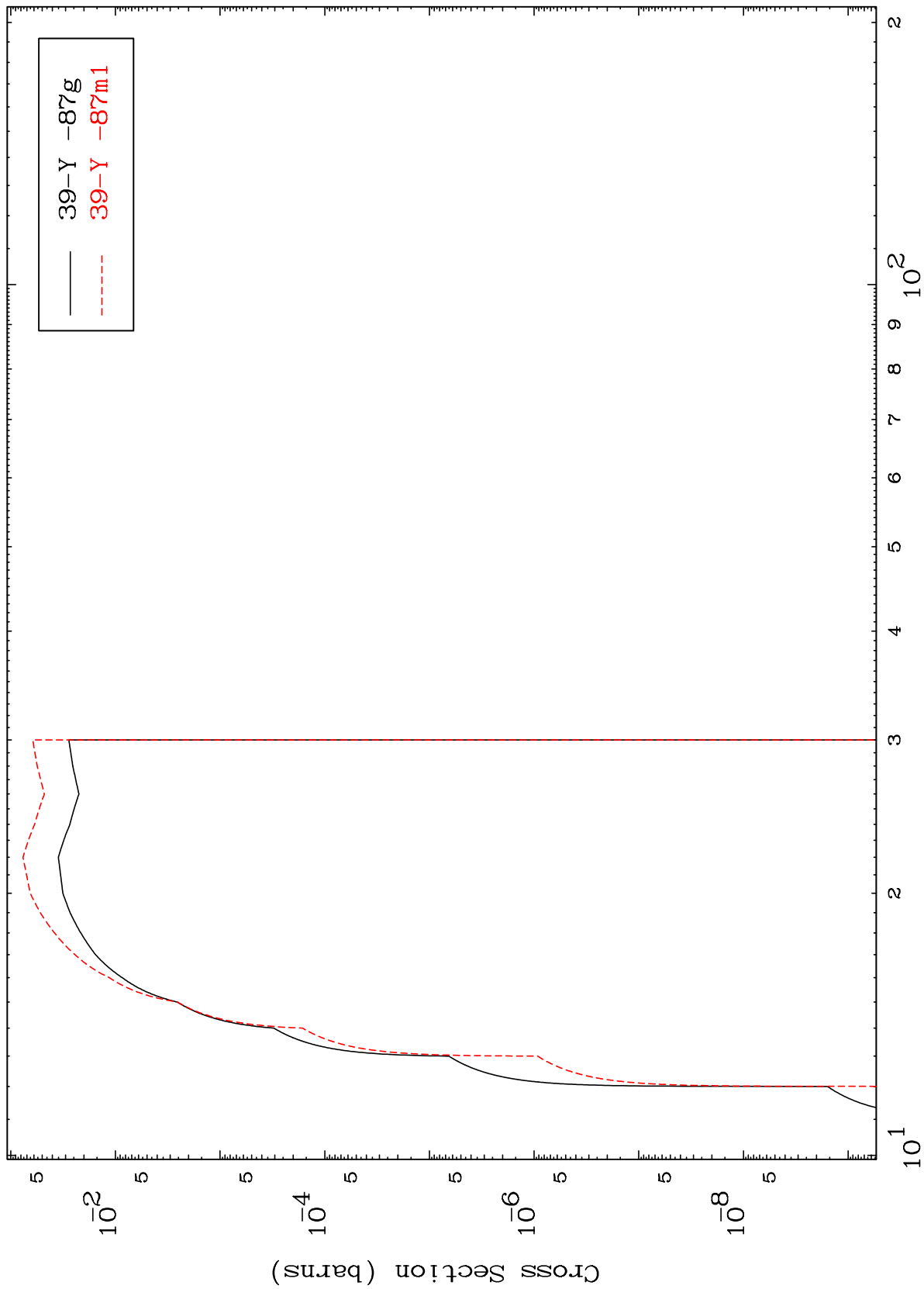
38-Sr-87m

MAT 3835

(n,2n) p

³⁸Sr-⁸⁷m

Radionuclide Production Cross Section



³⁸Sr-⁸⁷m

Incident Energy (MeV)

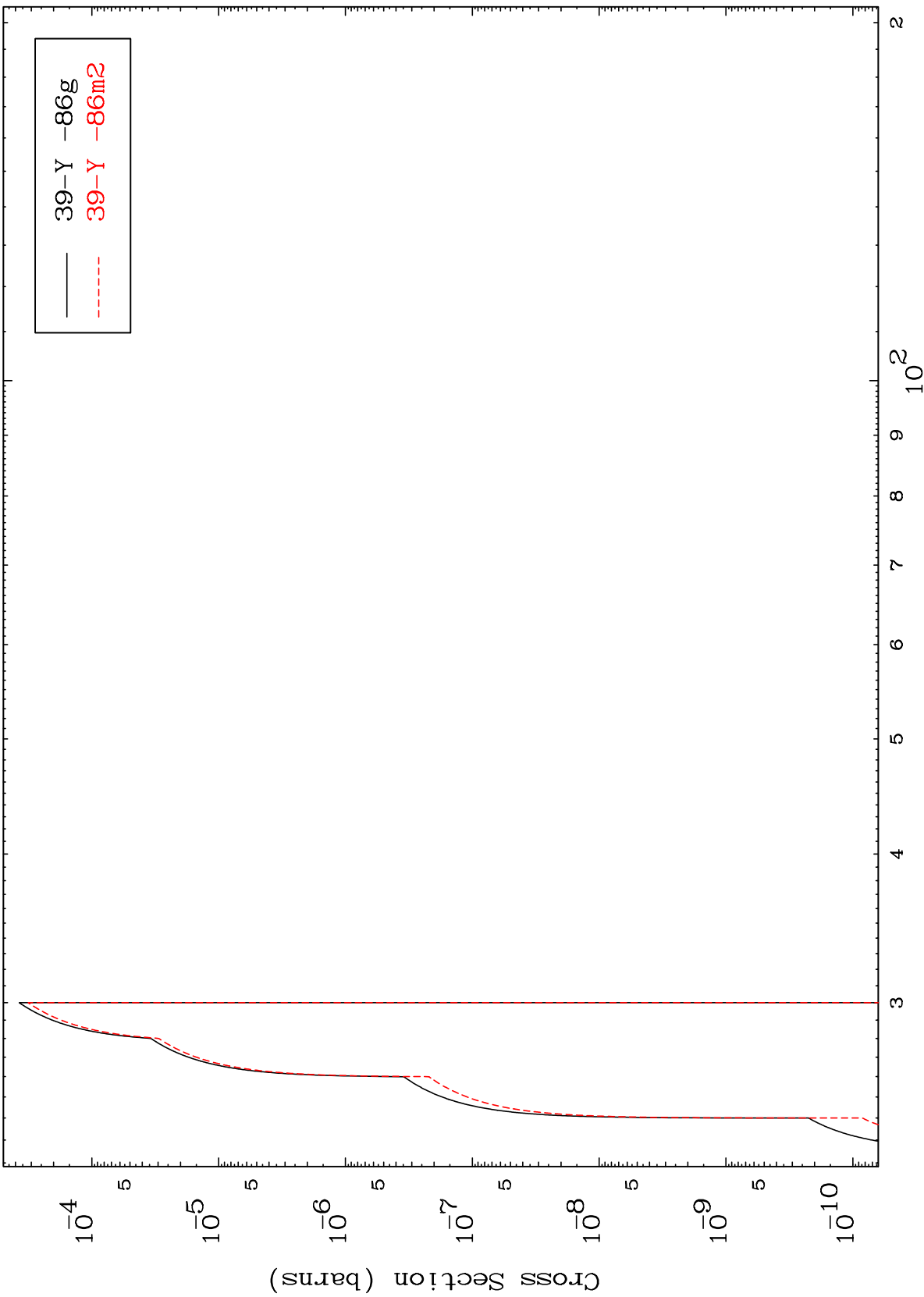
20

MAT 3835

(n,3n) p

³⁸Sr-87m

Radionuclide Production Cross Section



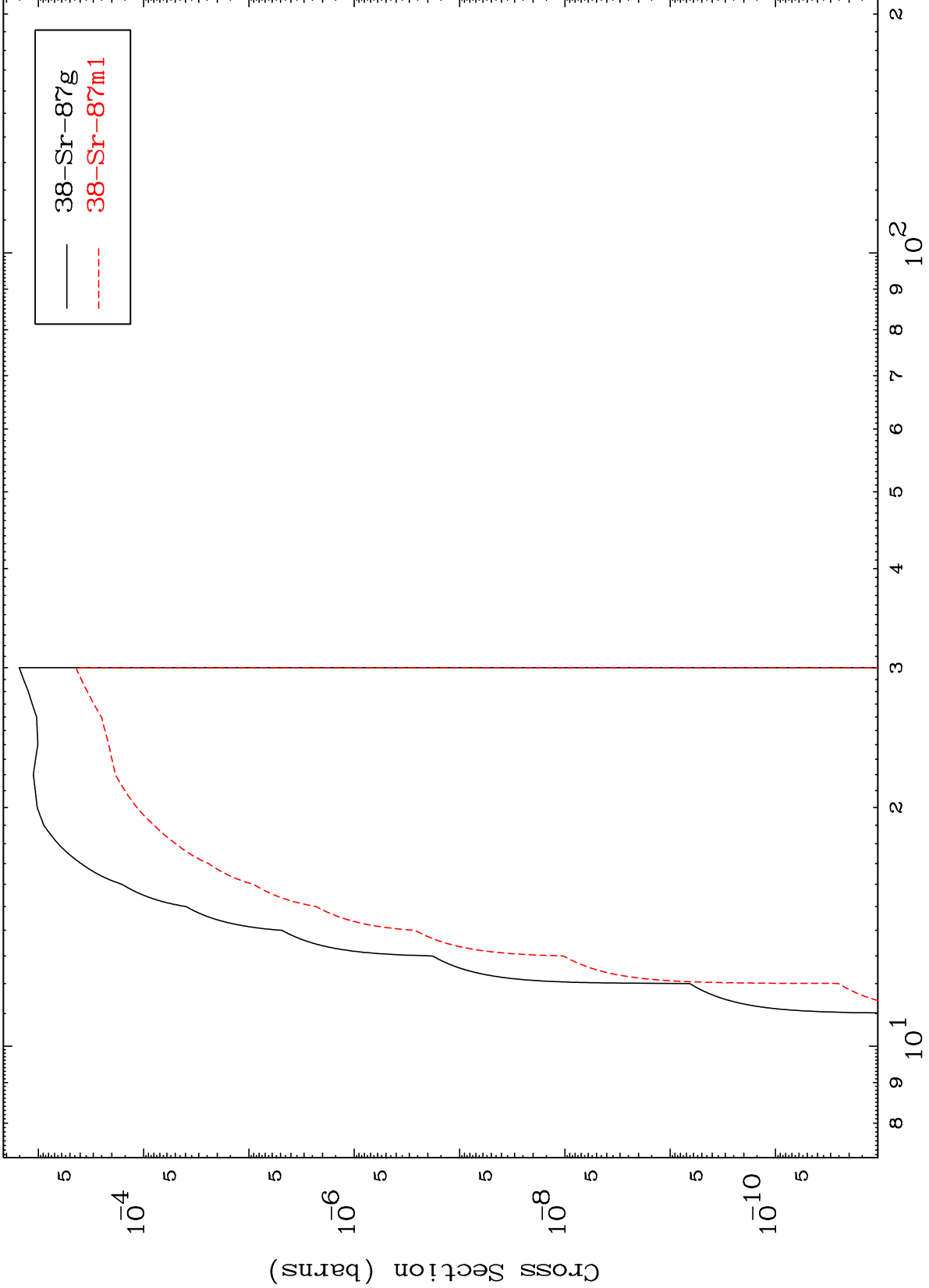
39-Y -86g
39-Y -86m2

MAT 3835

(n,2n) p

38-Sr-87m

Radionuclide Production Cross Section

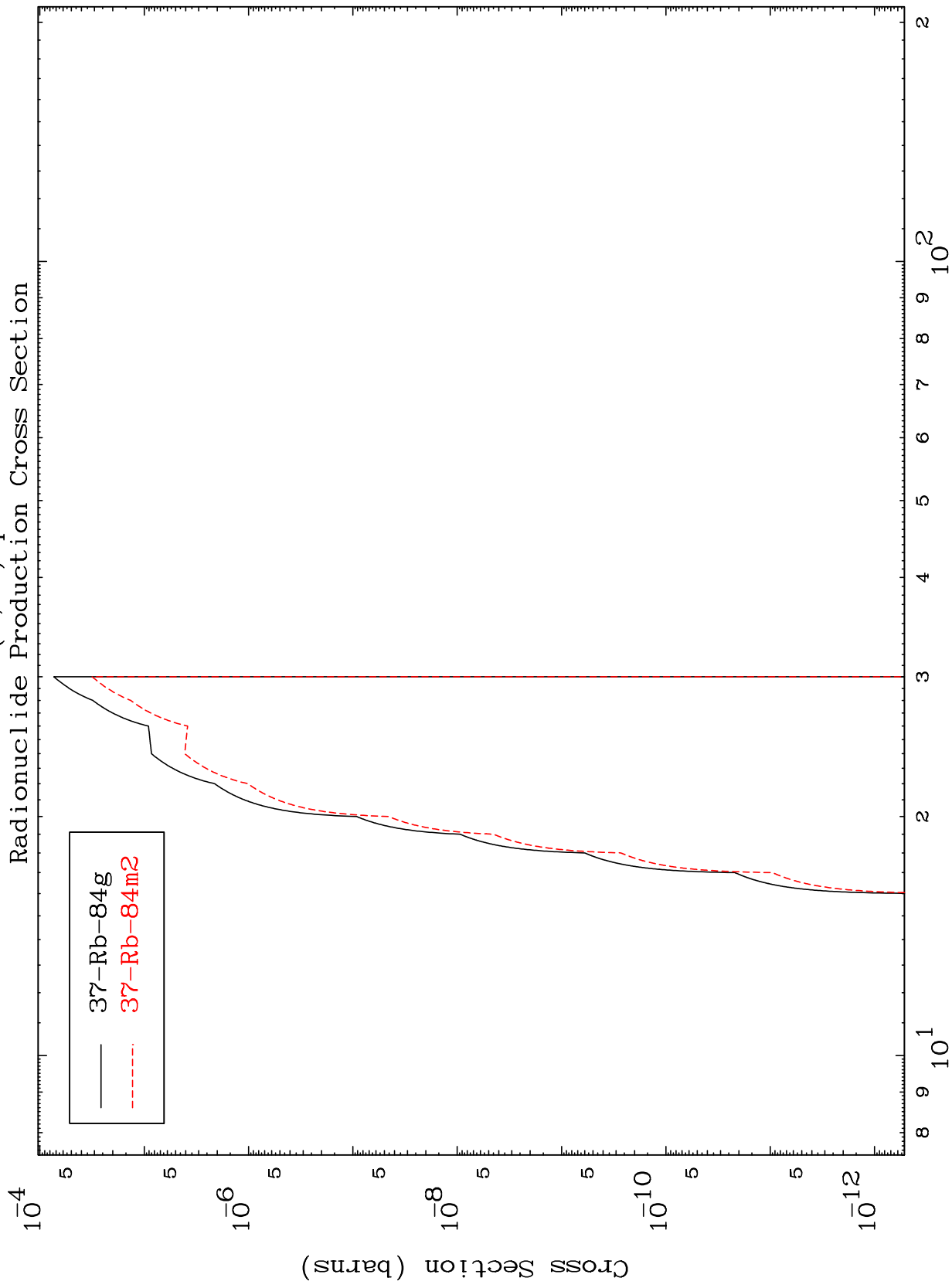


38-Sr-87g
38-Sr-87m1

MAT 3835

(n,n') p α

38-Sr-87m



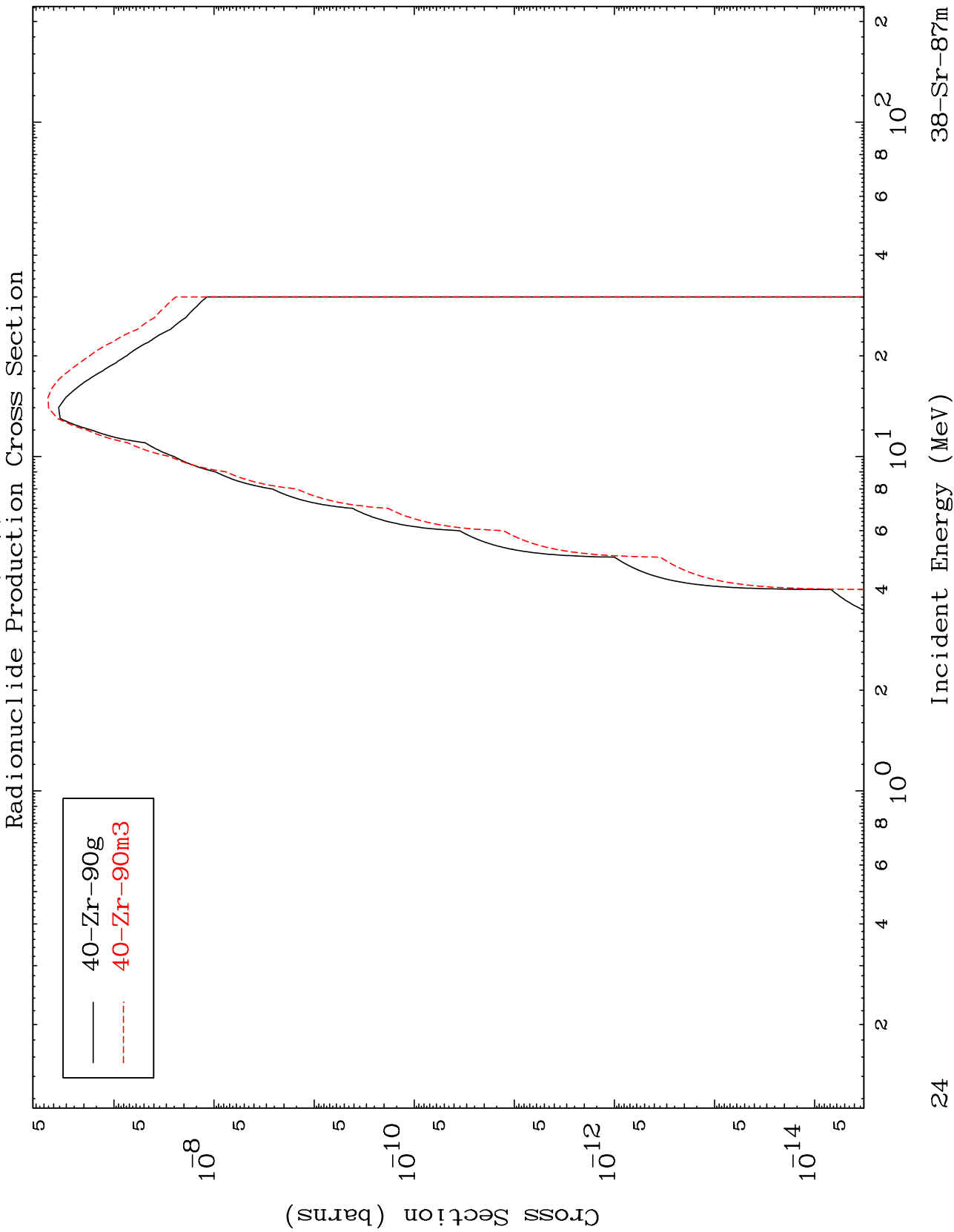
23

Incident Energy (MeV)

38-Sr-87m

MAT 3835

³⁸Sr-⁸⁷m



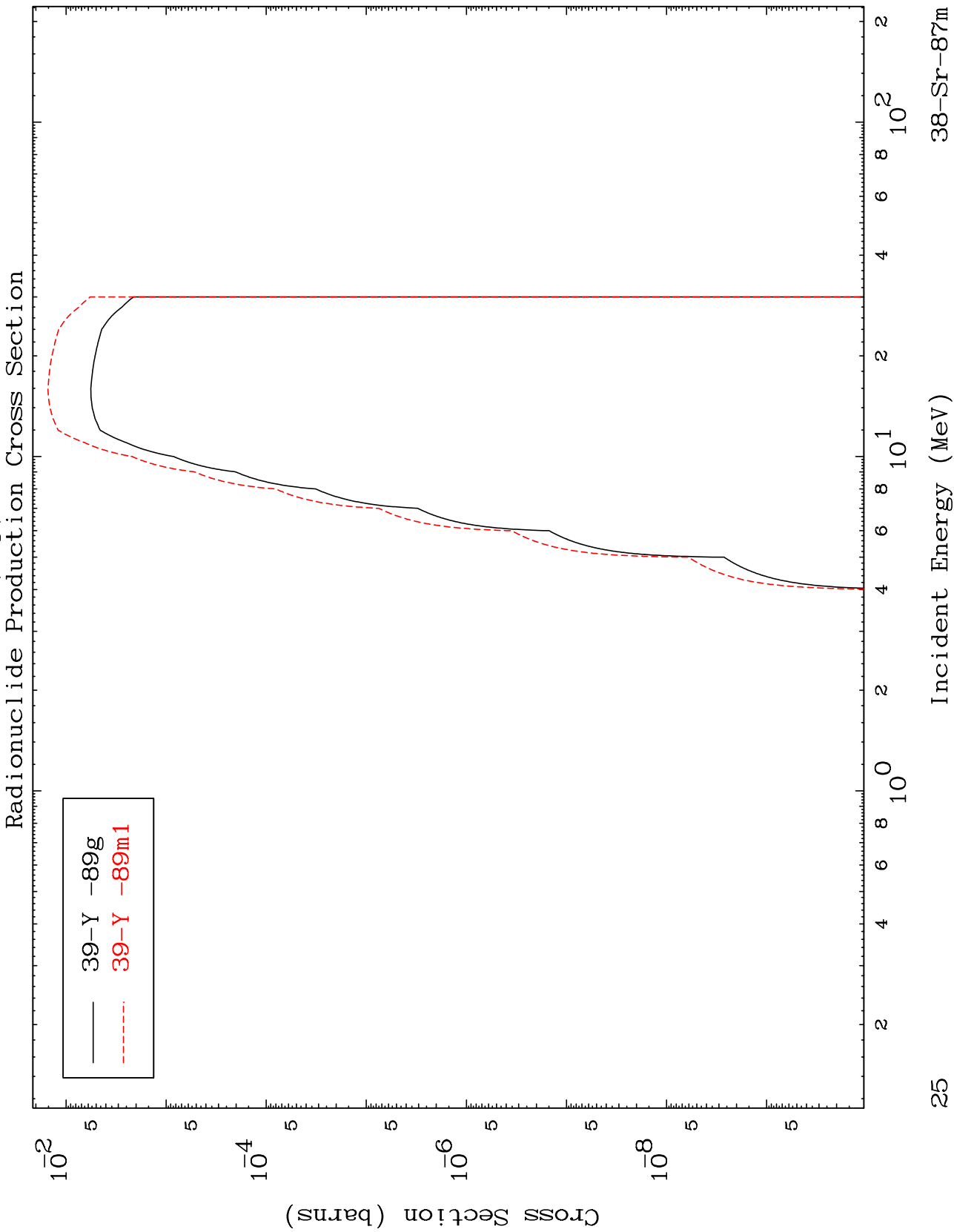
³⁸Sr-⁸⁷m

Incident Energy (MeV)

24

MAT 3835

38-Sr-87m

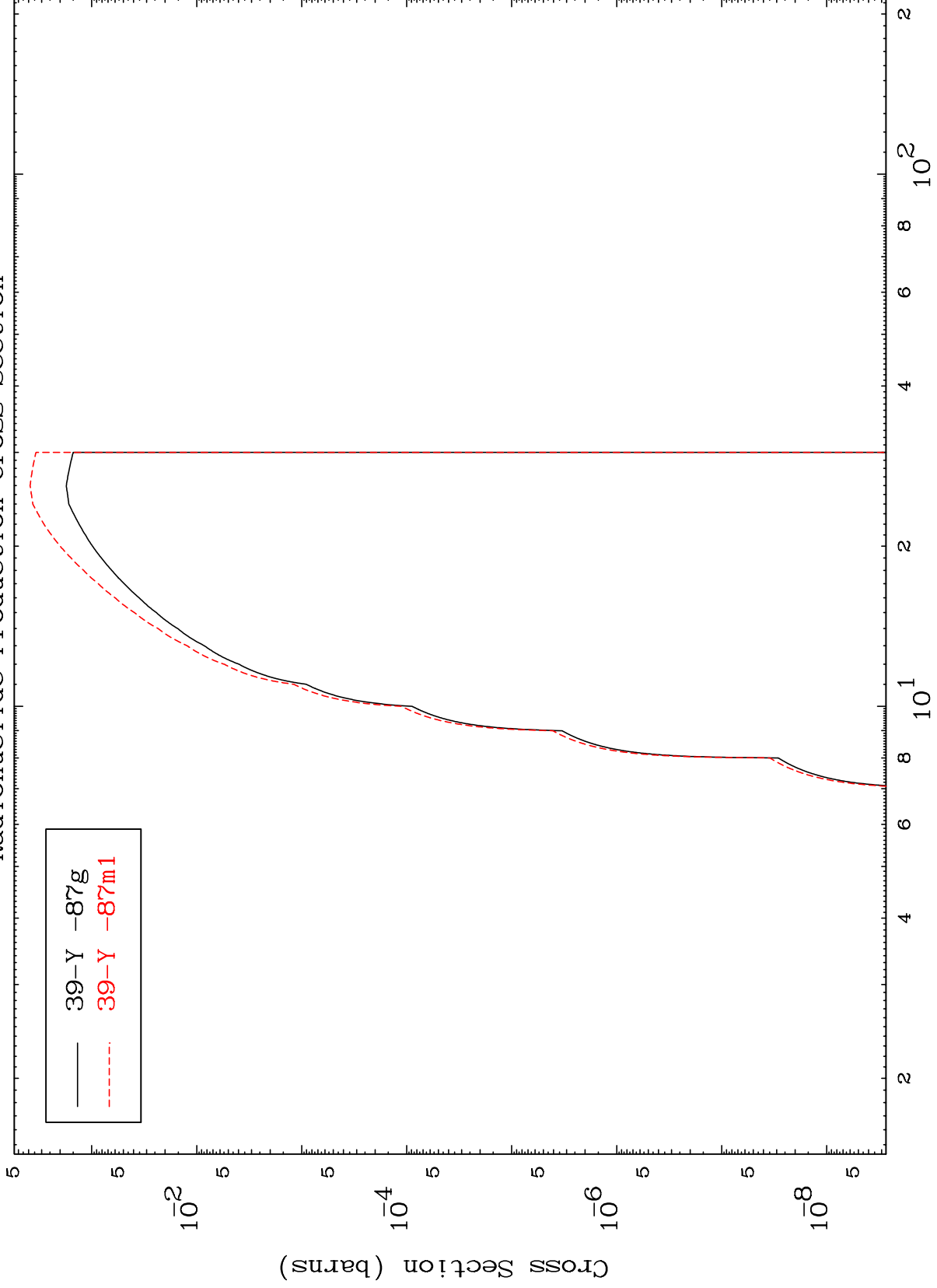


39-Y -89g
39-Y -89m1

MAT 3835

38-Sr-87m

(n,t)
Radionuclide Production Cross Section



26

Incident Energy (MeV)

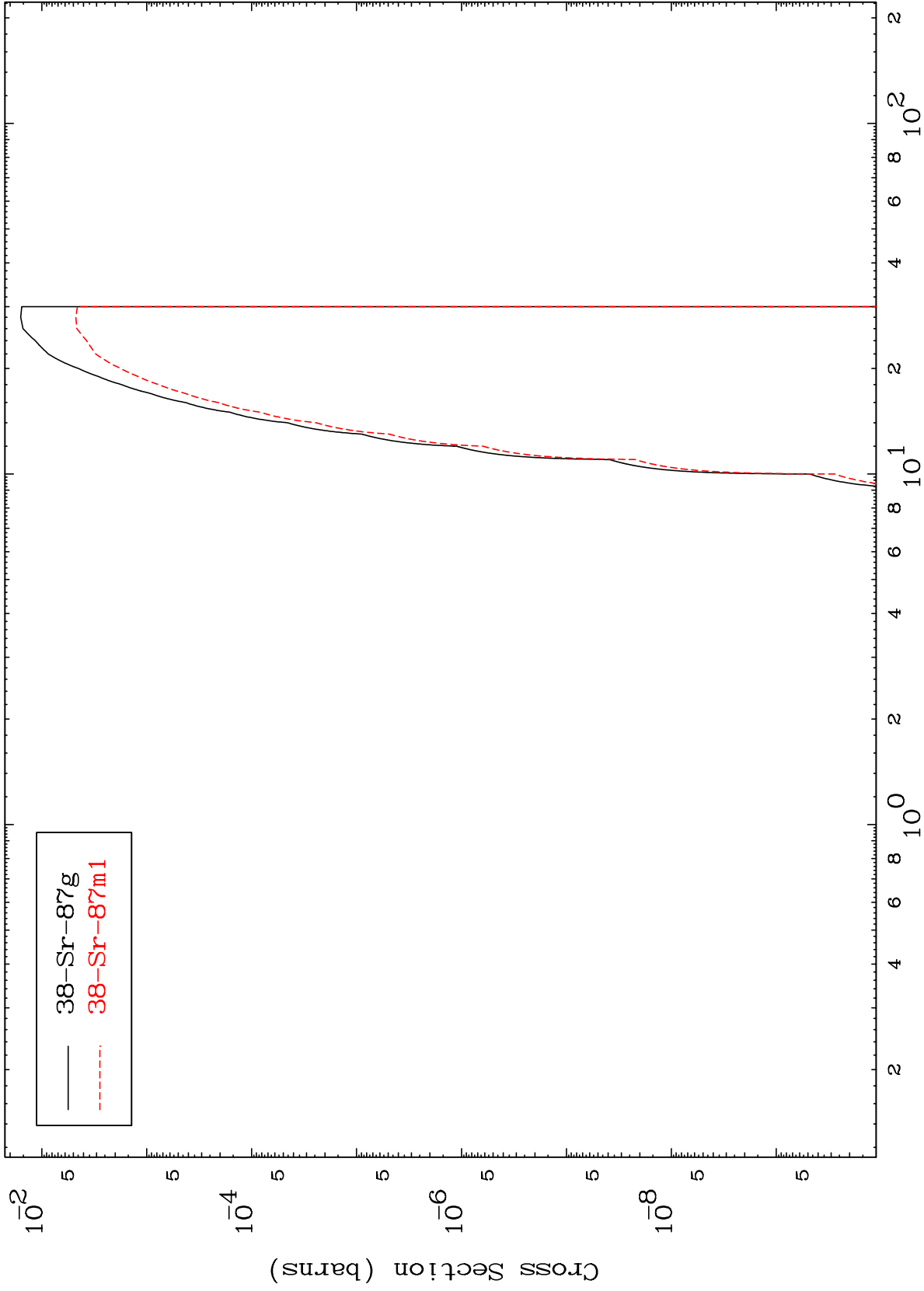
38-Sr-87m

MAT 3835

(n,He-3)

38-Sr-87m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

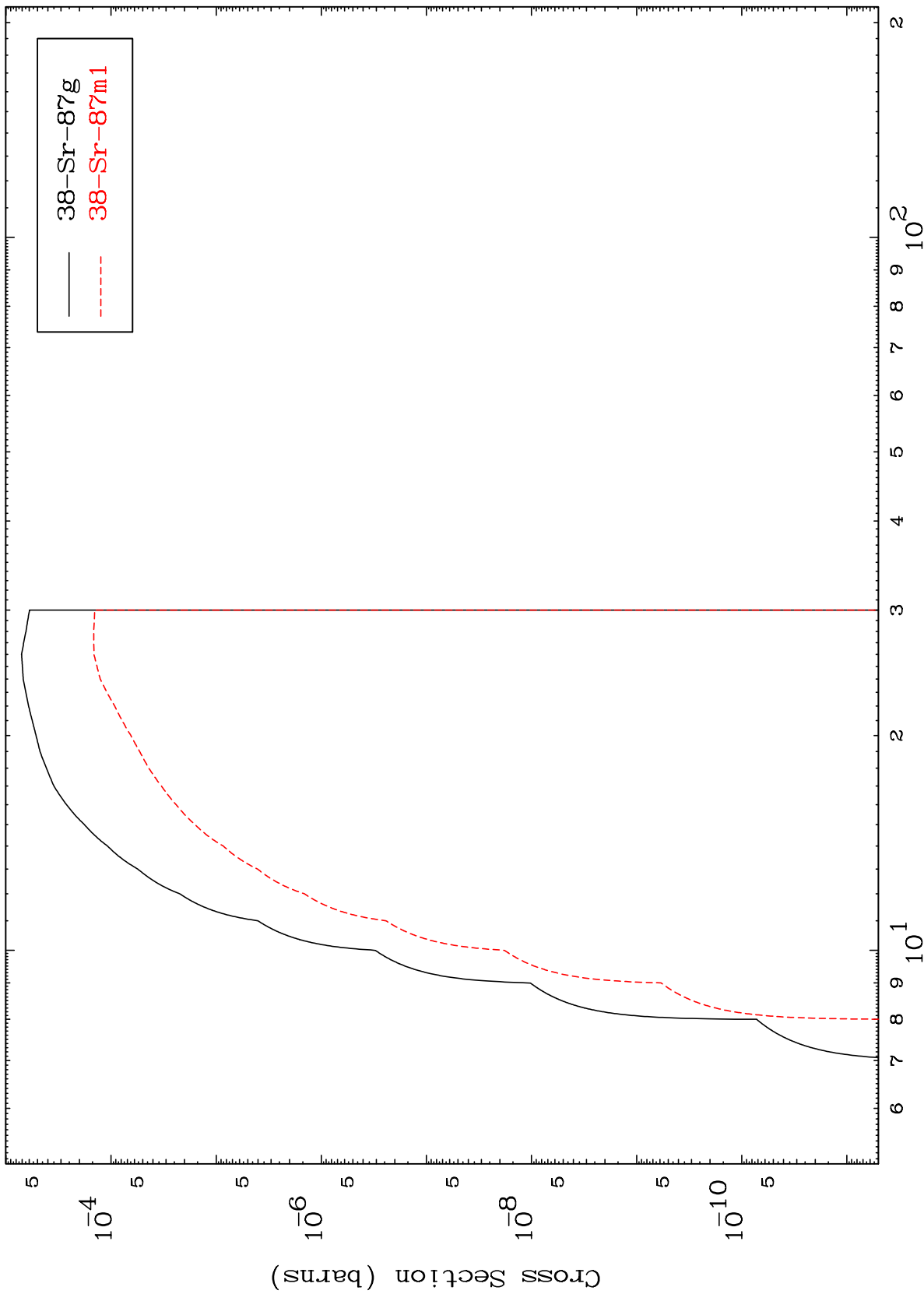
38-Sr-87m

MAT 3835

(n,p) d

38-Sr-87m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

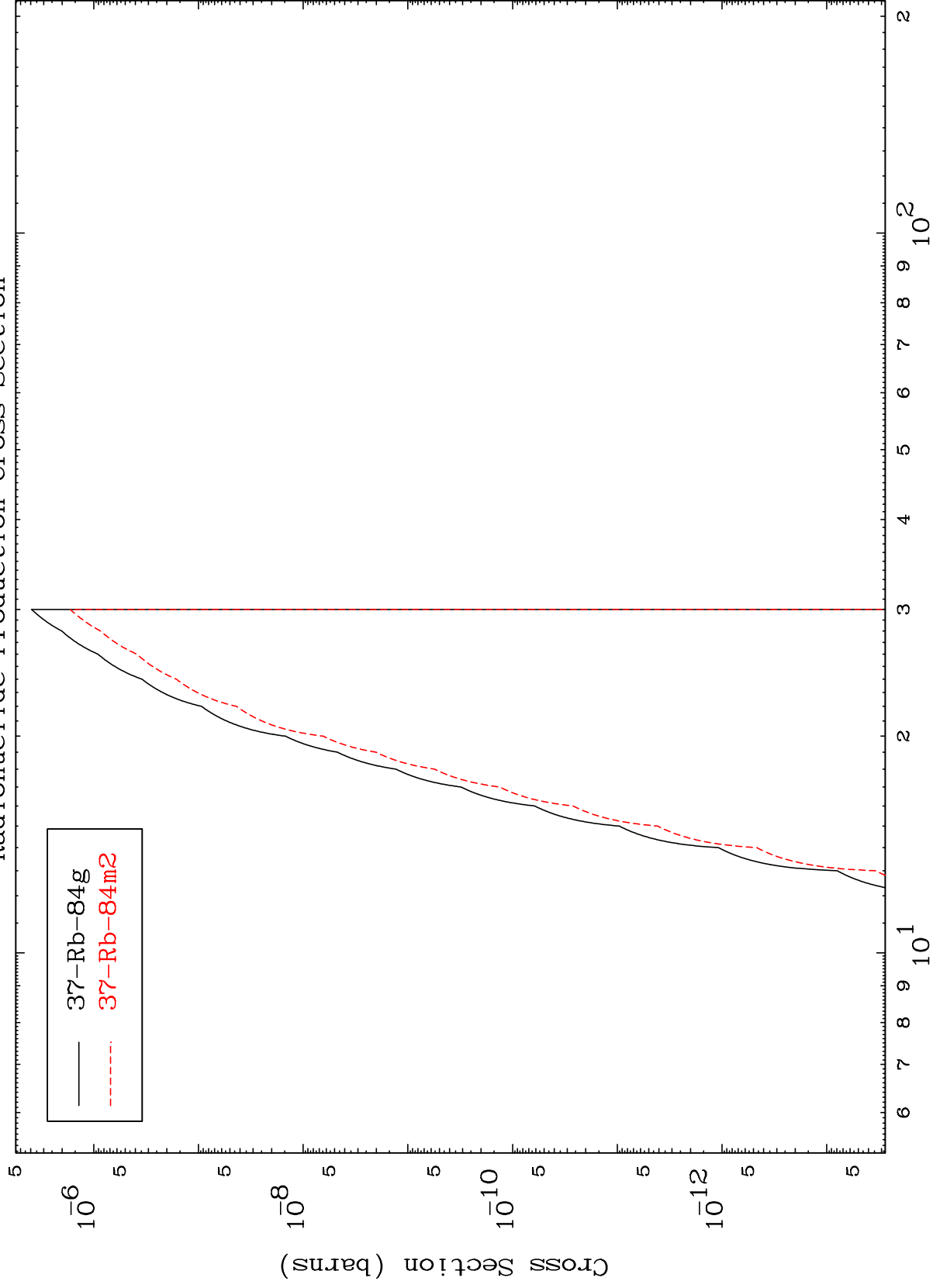
38-Sr-87m

MAT 3835

(n,d) α

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

Radionuclide Production Cross Section



29

Incident Energy (MeV)

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