

Program EVALPLOT
(Version 2021-1)

by

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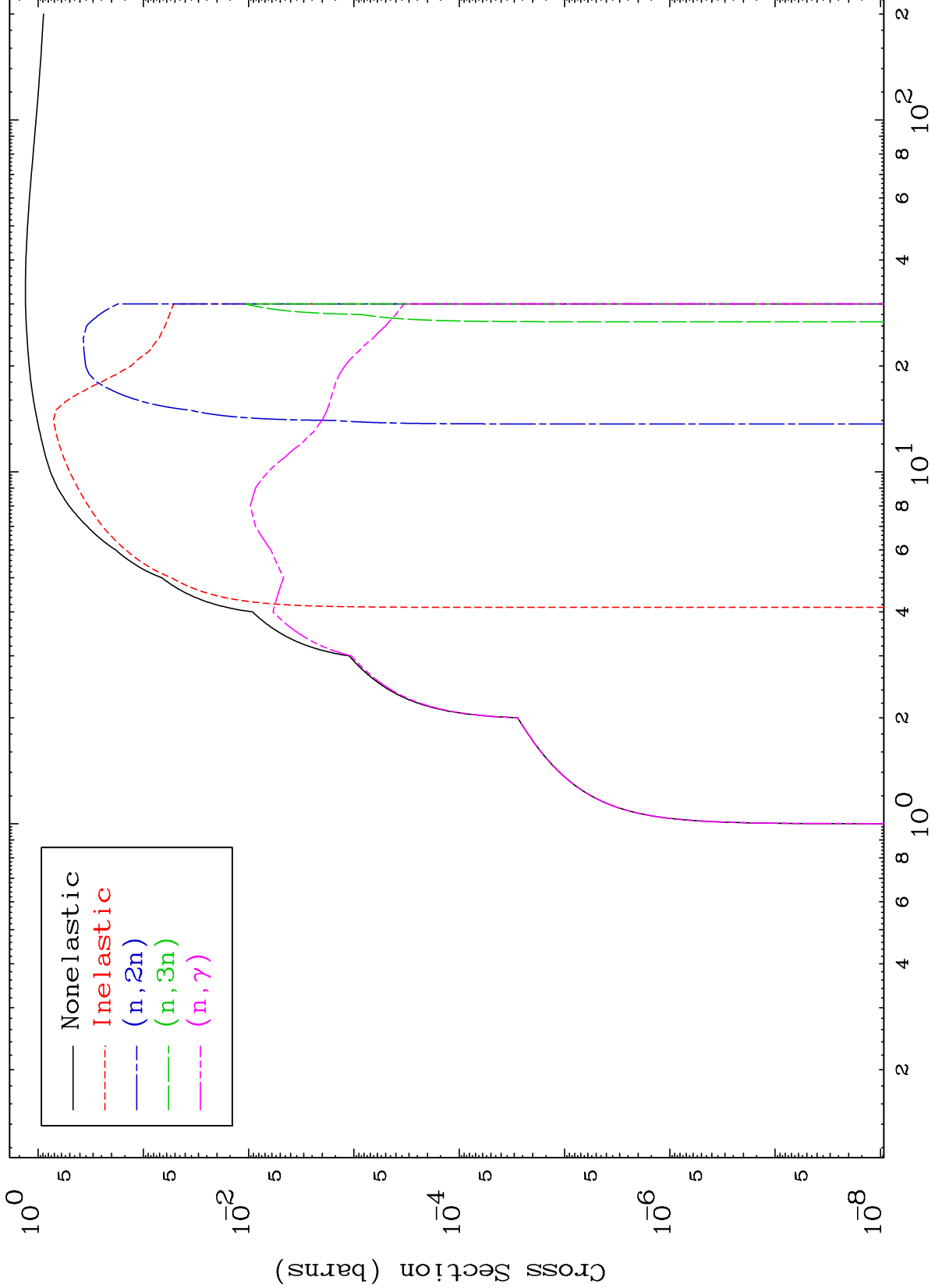
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

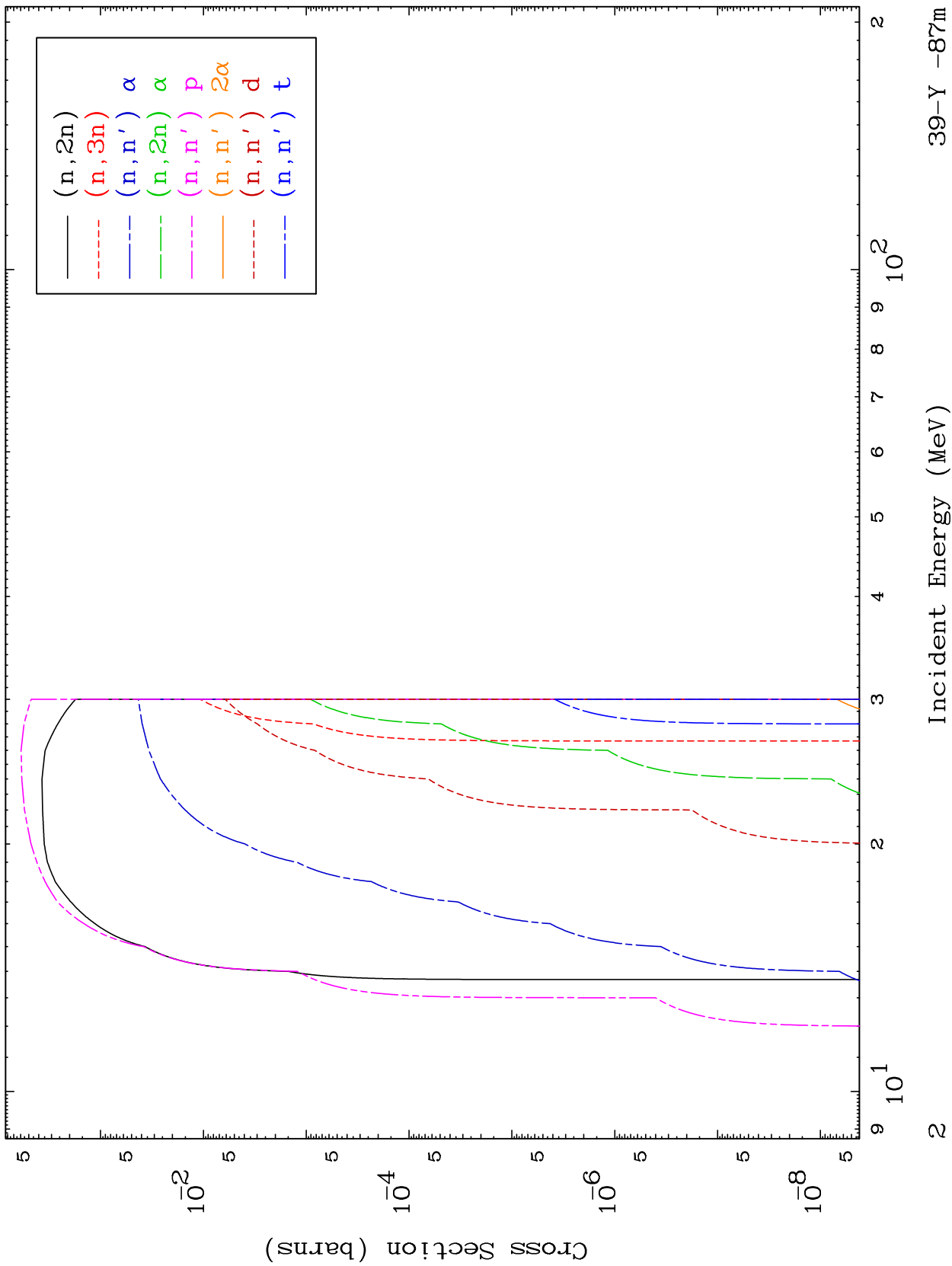
MAT 3920

Proton Major
0 Kelvin Cross Sections

39-Y -87m



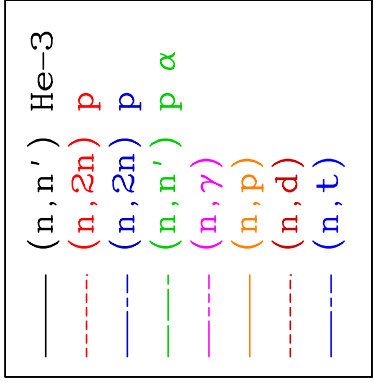
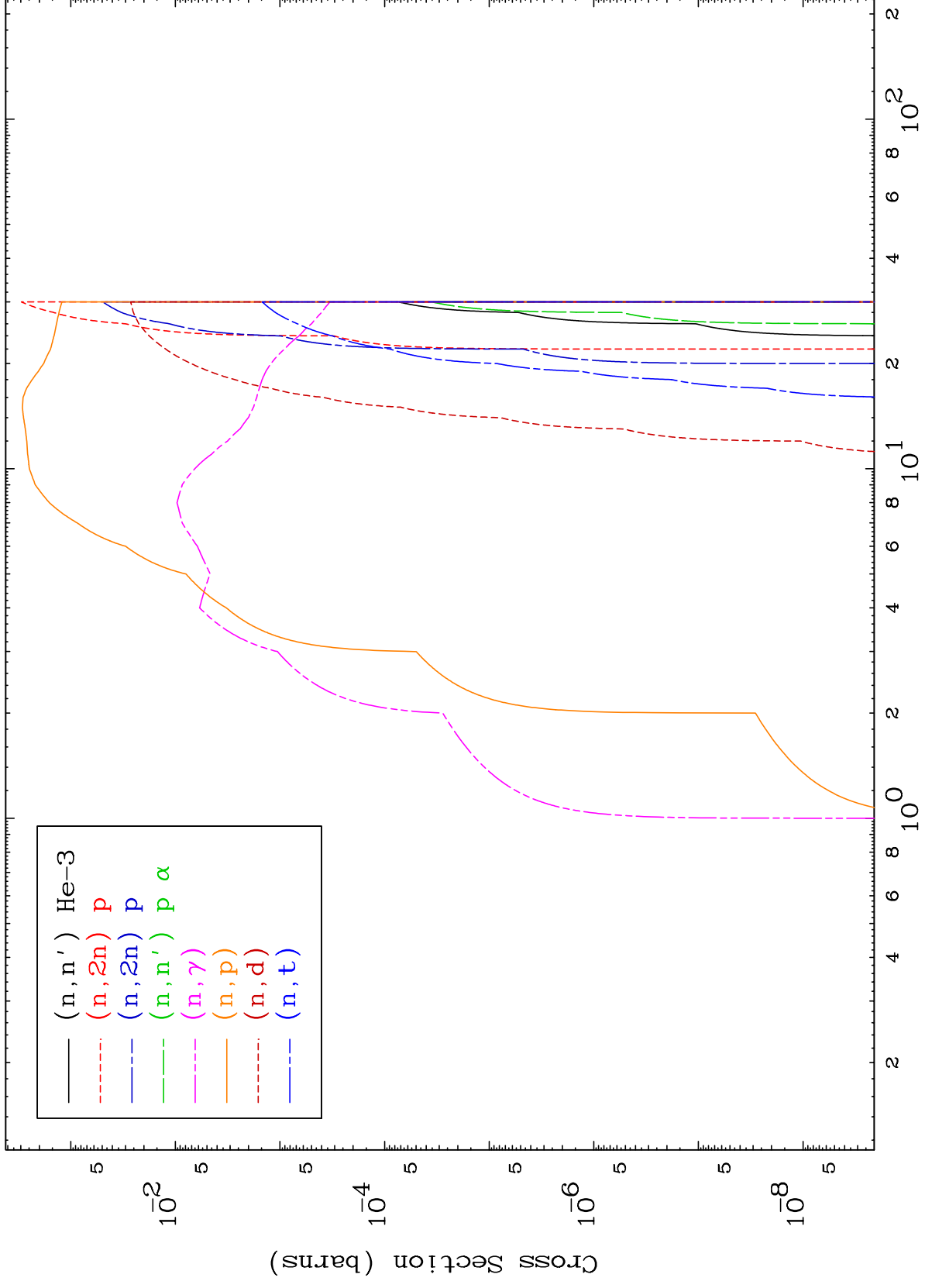
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, 3n)
- - - (n, γ)



MAT 3920

Proton Neutron Absorption
0 Kelvin Cross Sections

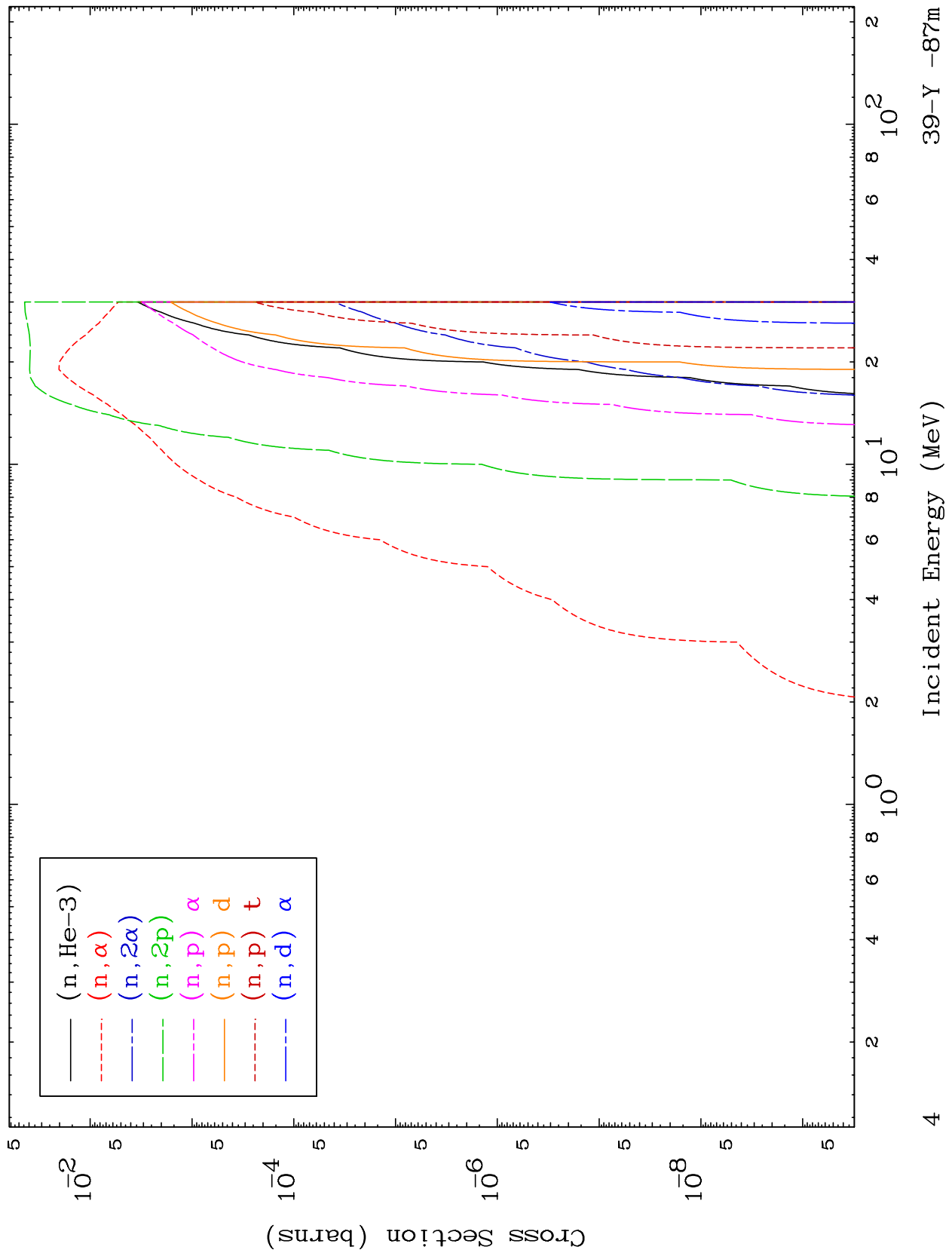
39-Y -87m

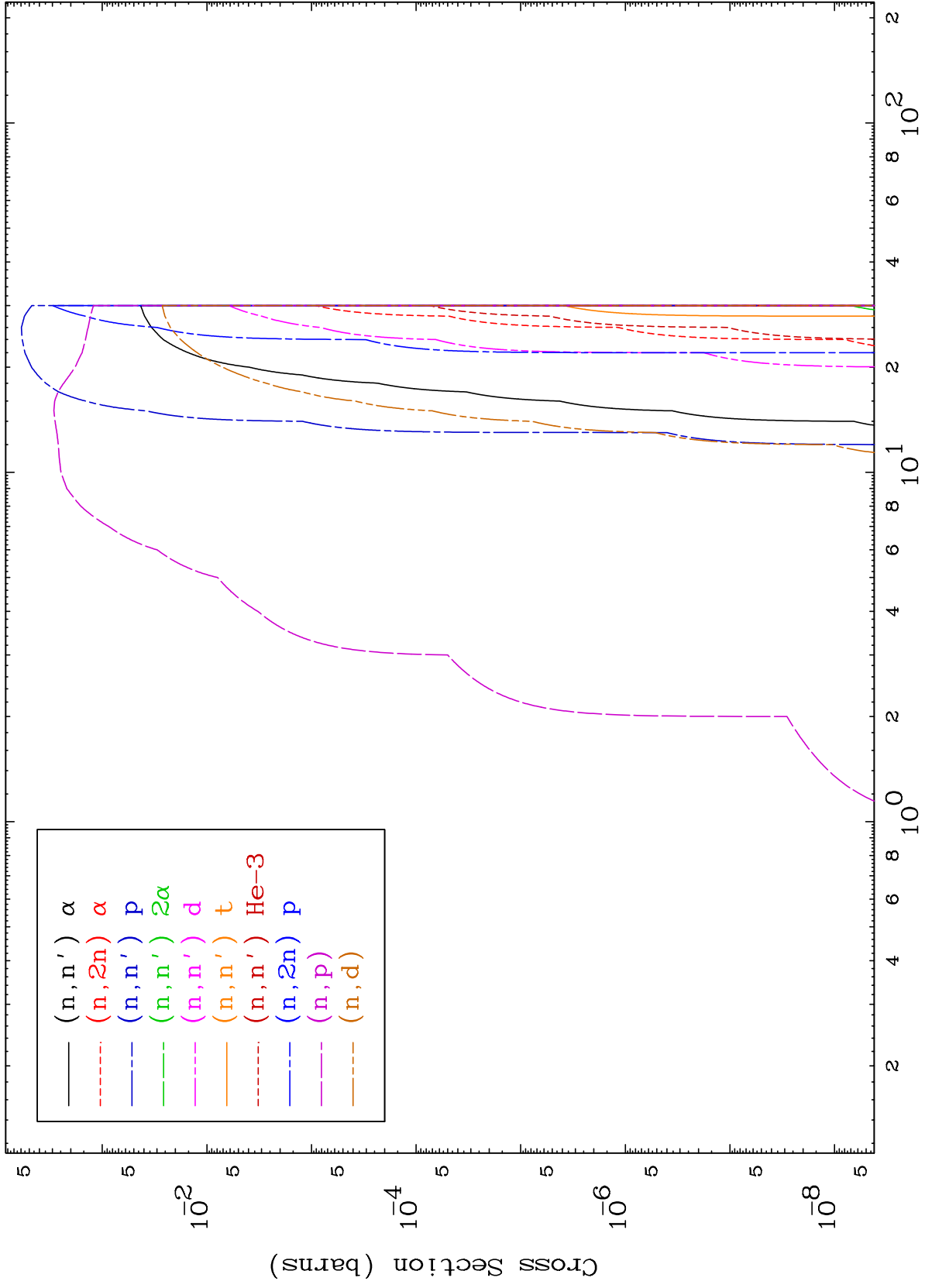


MAT 3920

Proton Neutron Absorption
0 Kelvin Cross Sections

39-Y -87m

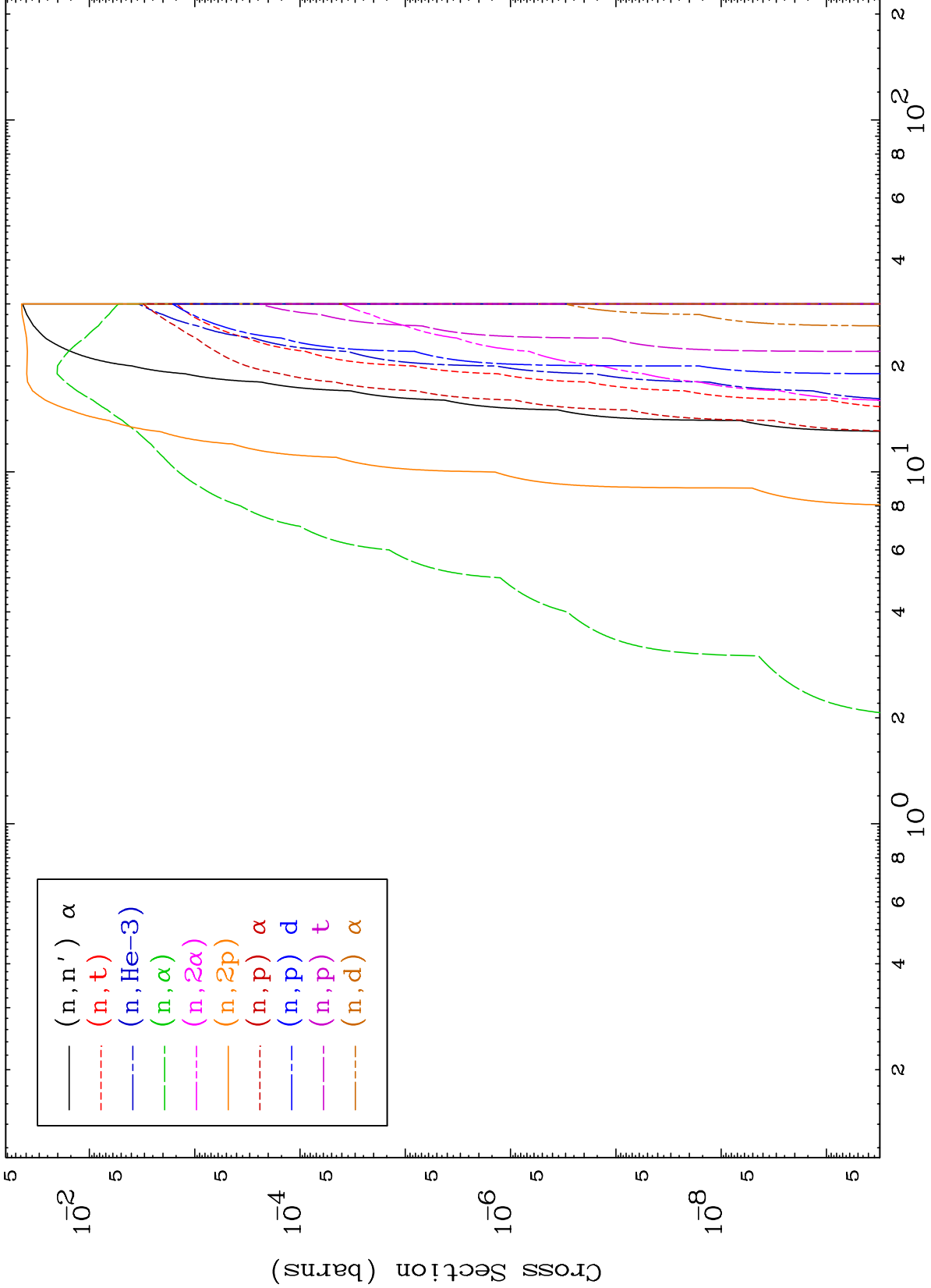




MAT 3920

Proton Charged Particle
0 Kelvin Cross Sections

39-Y -87m

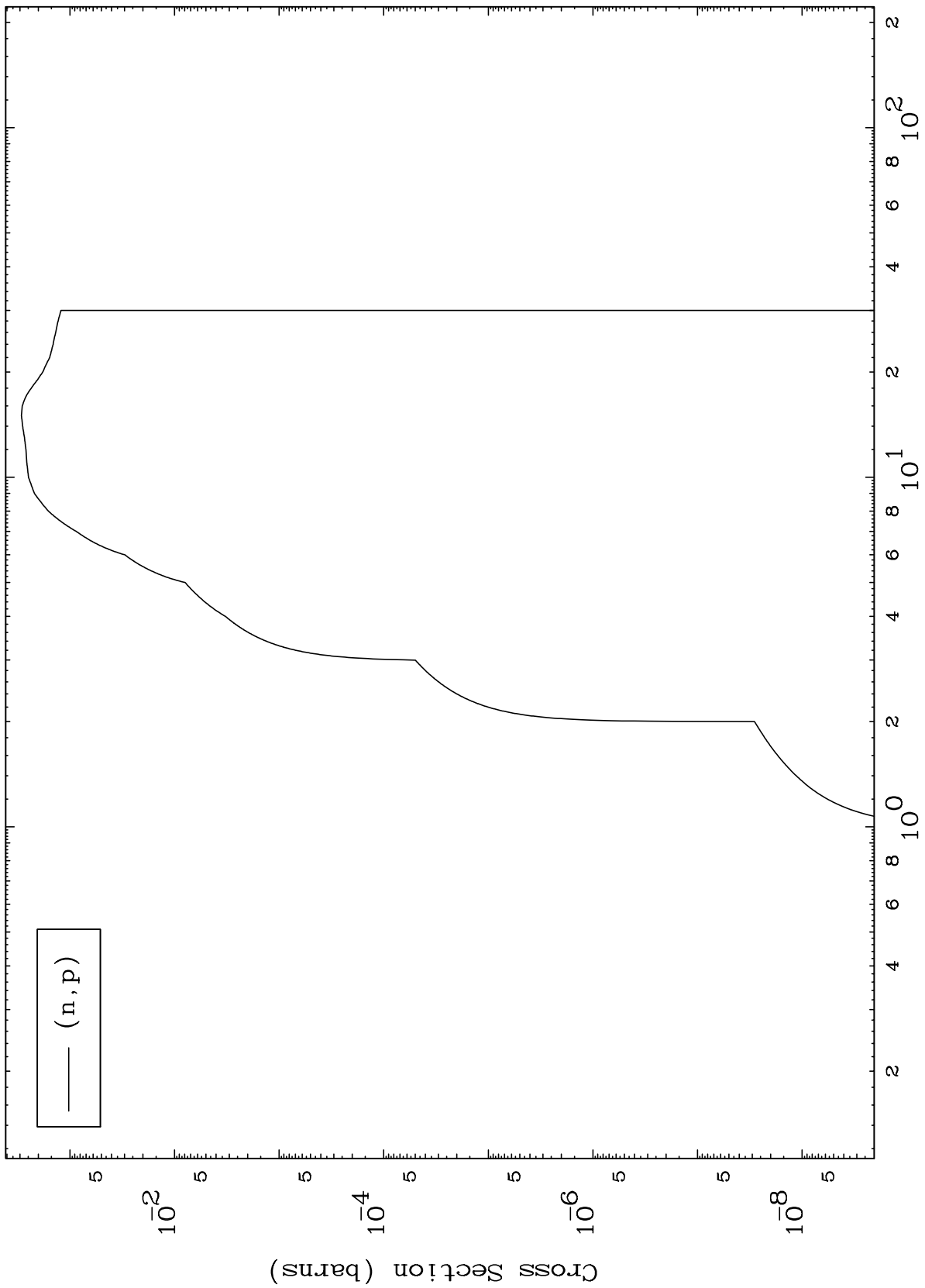


MAT 3920

(p,p) Levels

39-Y -87m

0 Kelvin Cross Sections



(n,p)

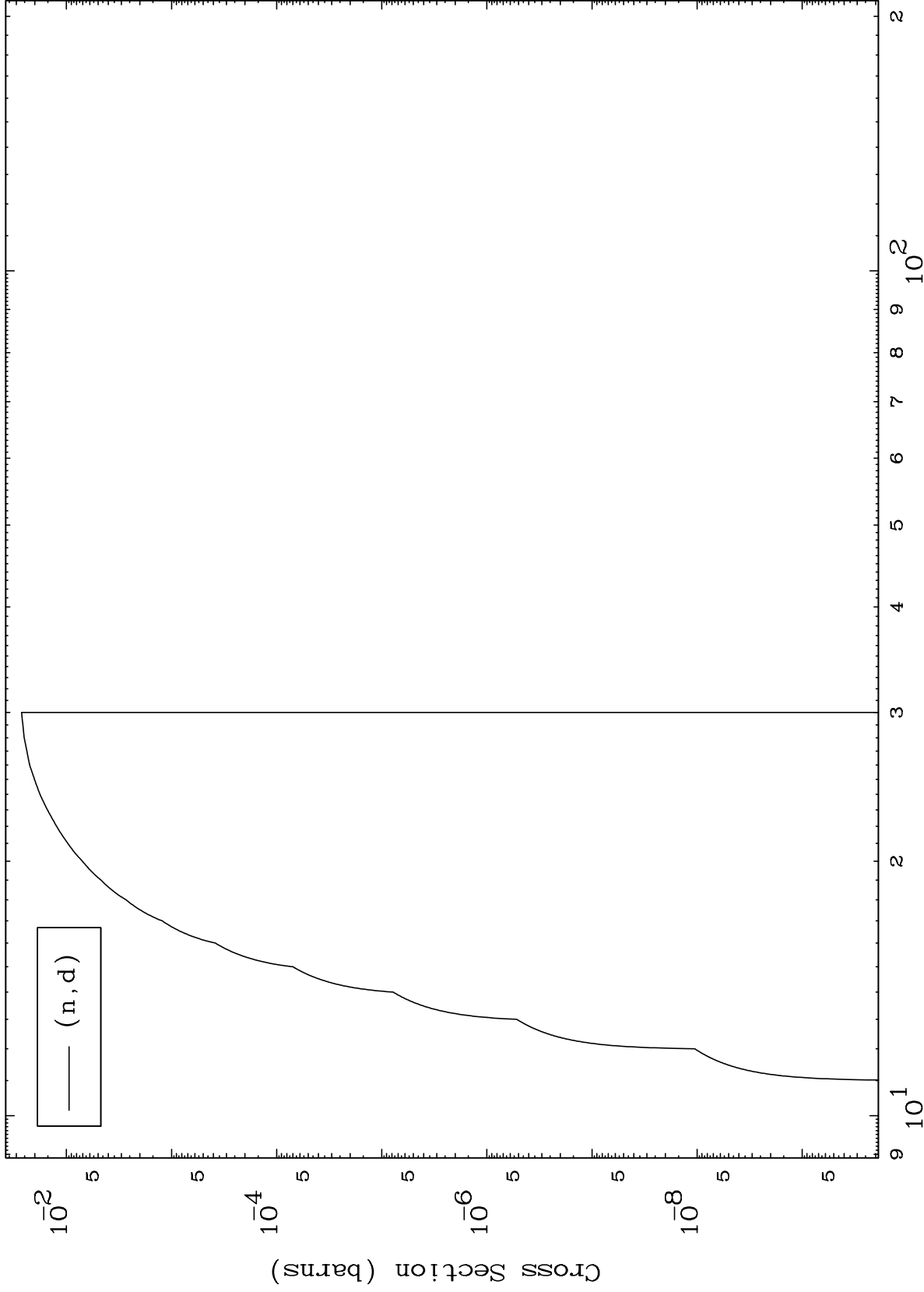
Incident Energy (MeV)

39-Y -87m

MAT 3920

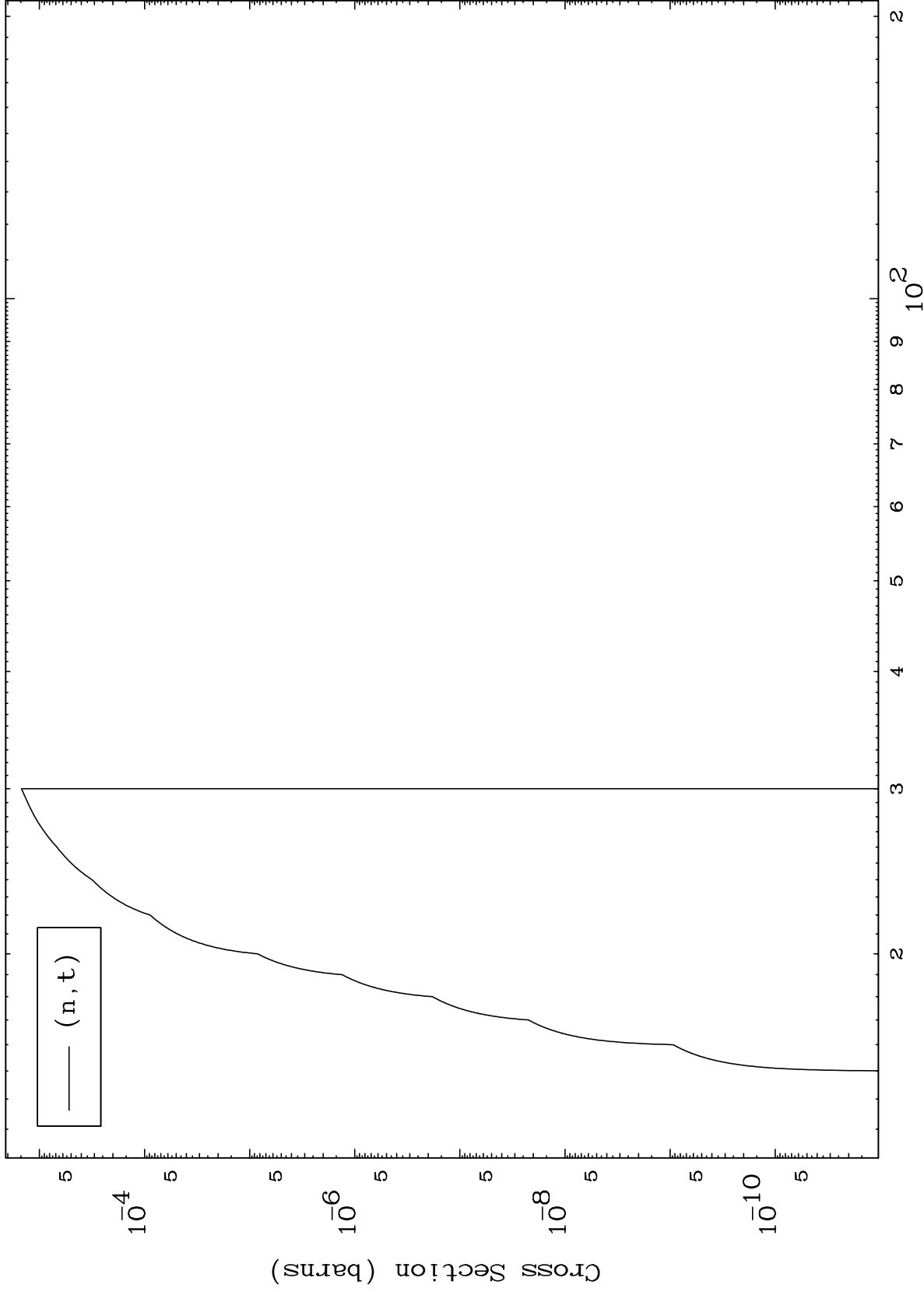
(p,d) Levels
0 Kelvin Cross Sections

39-Y -87m



Incident Energy (MeV)

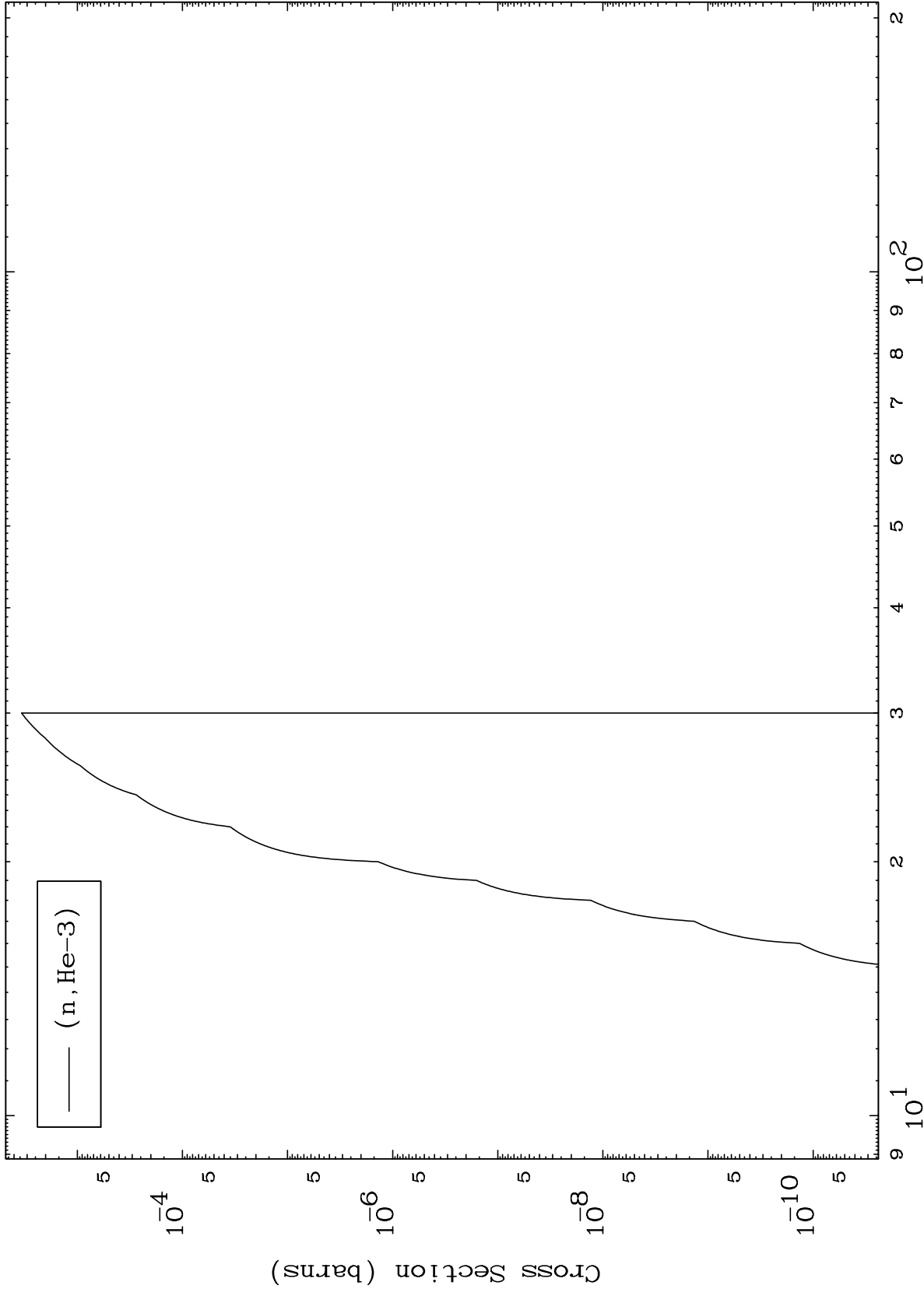
39-Y -87m



MAT 3920

(p,He3) Levels
0 Kelvin Cross Sections

39-Y -87m



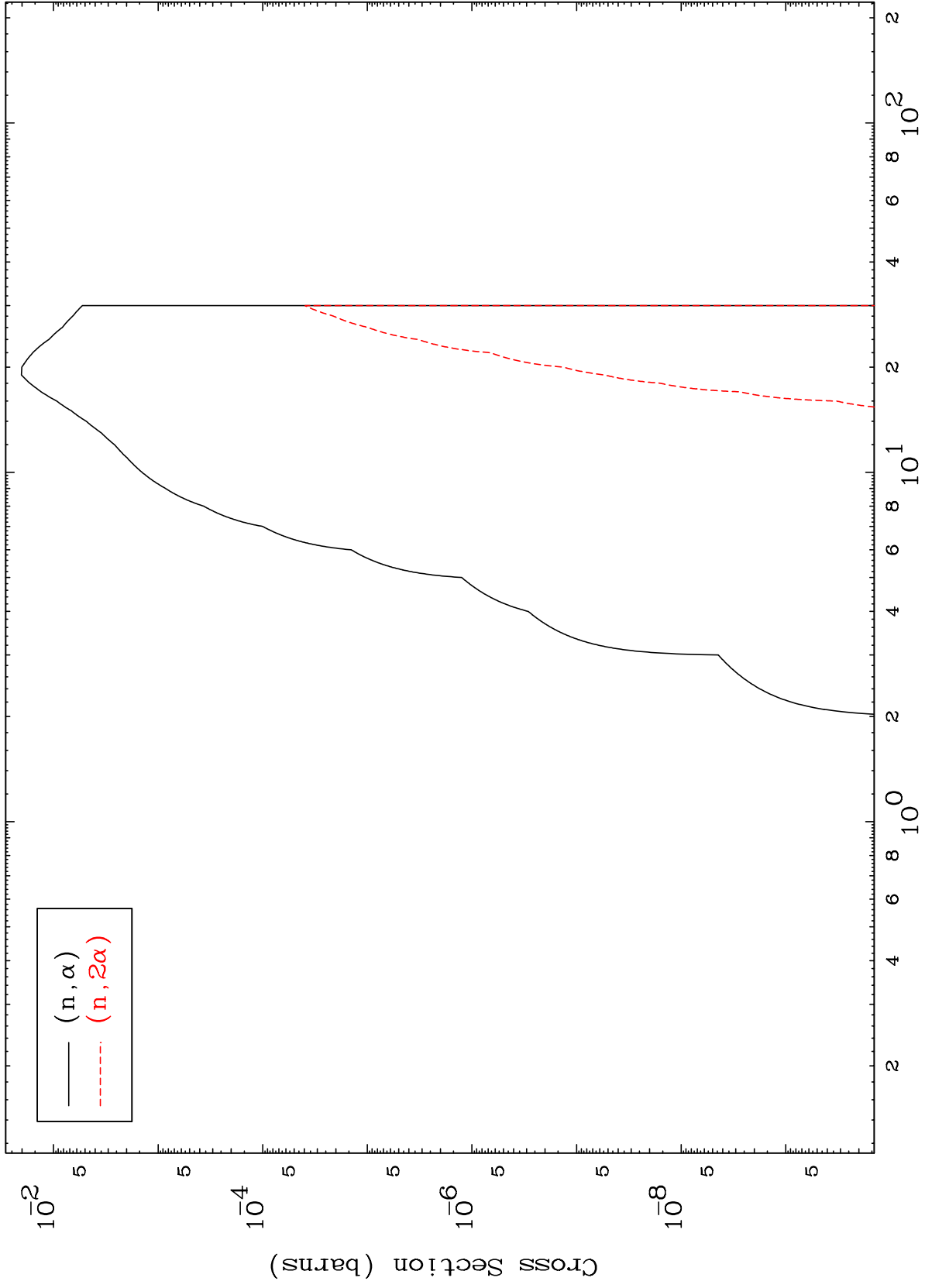
Incident Energy (MeV)

39-Y -87m

MAT 3920

(p, α) Levels
0 Kelvin Cross Sections

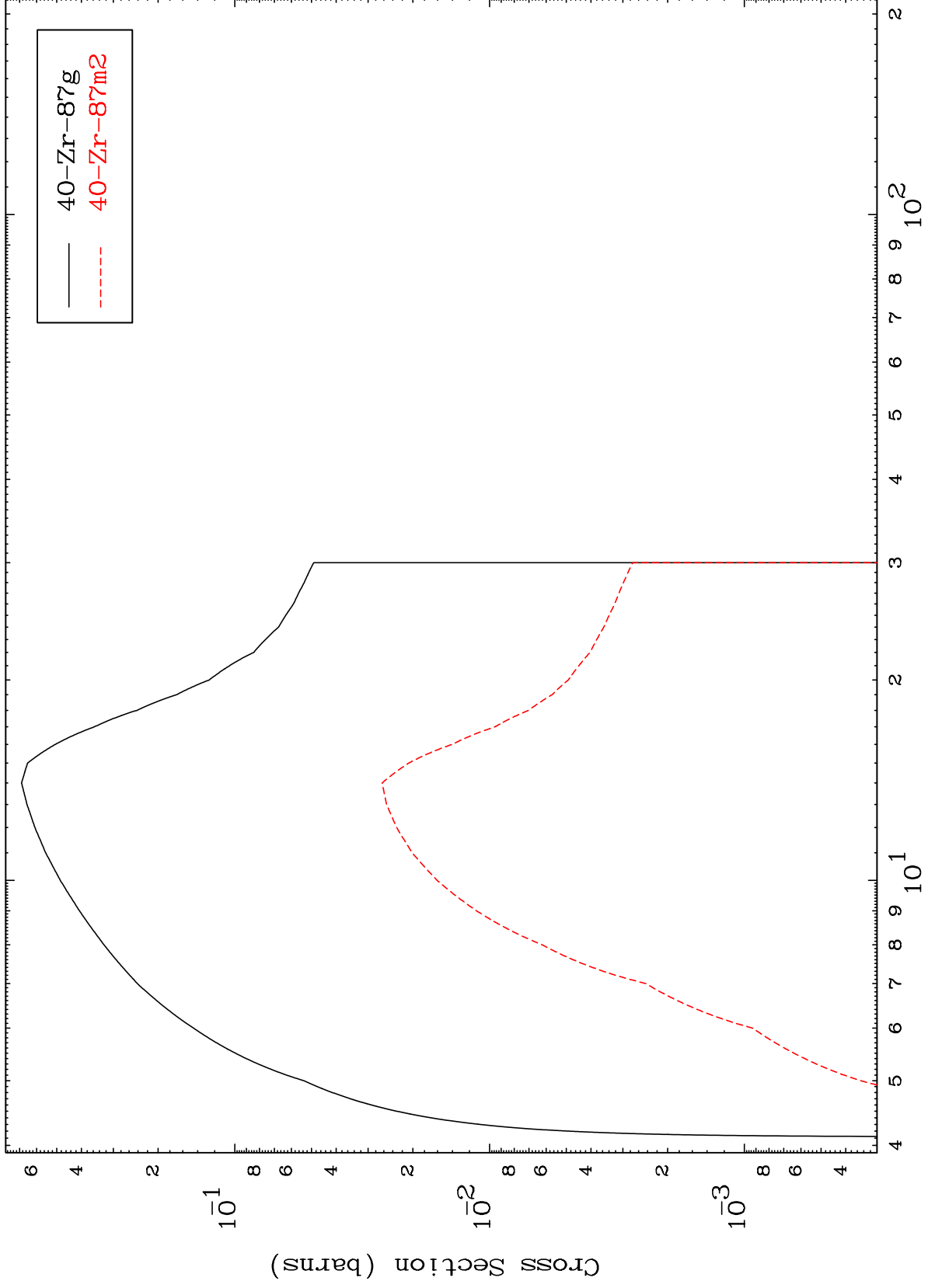
39-Y -87m



MAT 3920

Inelastic
Radionuclide Production Cross Section

39-Y -87m



12

Incident Energy (MeV)

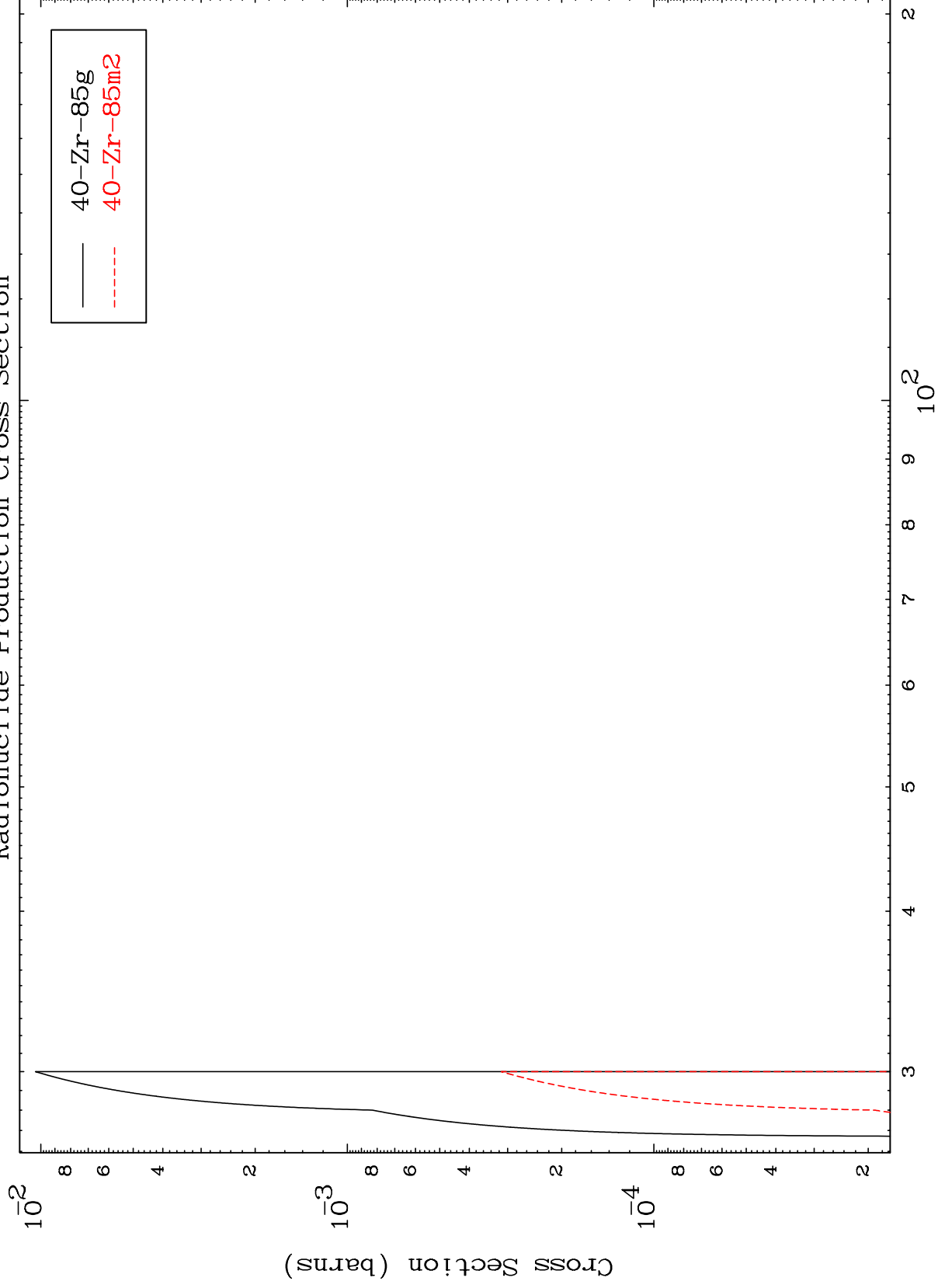
39-Y -87m

MAT 3920

(n,3n)

39-Y -87m

Radionuclide Production Cross Section



13

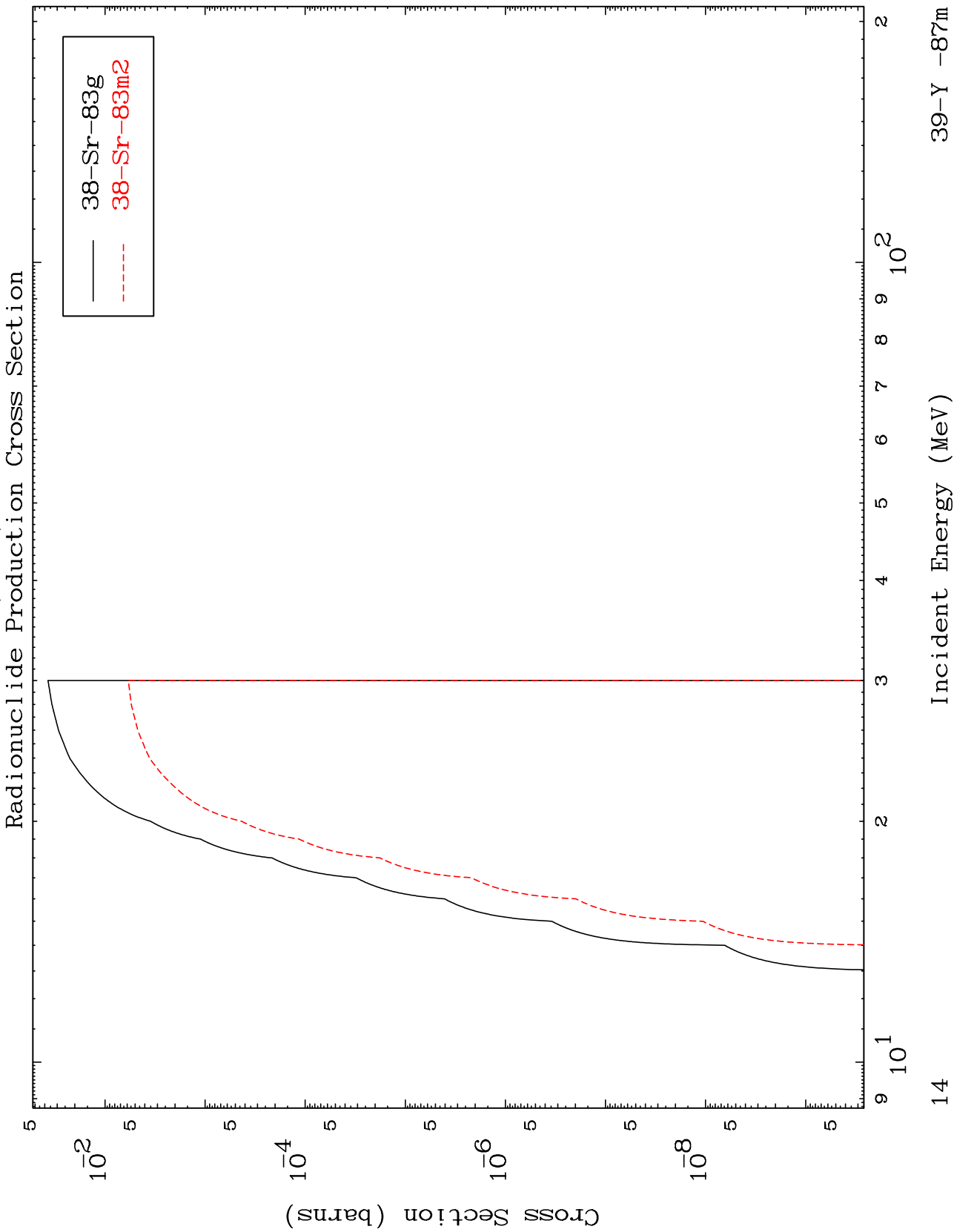
Incident Energy (MeV)

39-Y -87m

MAT 3920

$(n, n') \alpha$

39-Y -87m



9

10¹

Incident Energy (MeV)

10²

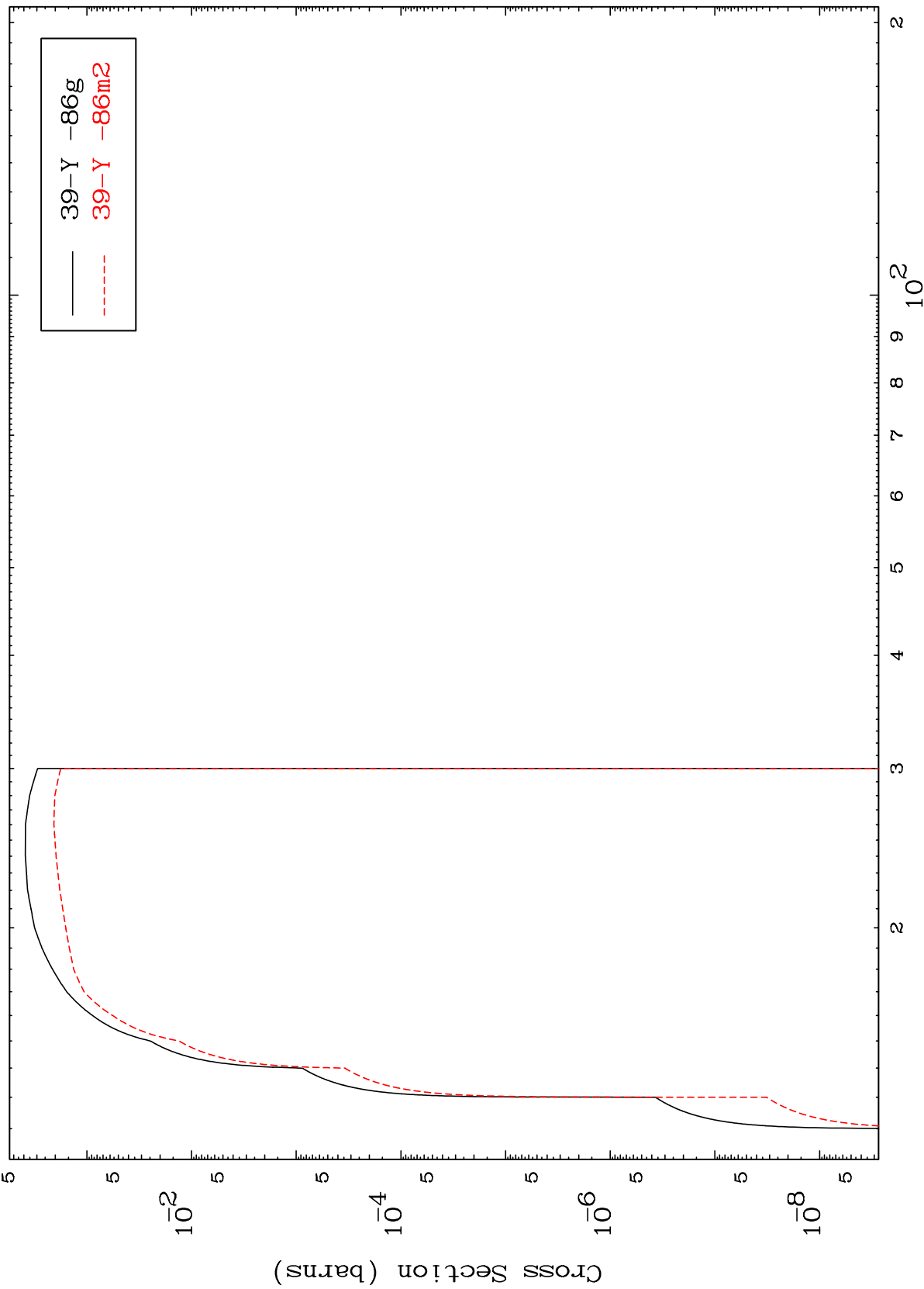
39-Y -87m

MAT 3920

(n,n') p

39-Y -87m

Radionuclide Production Cross Section



15

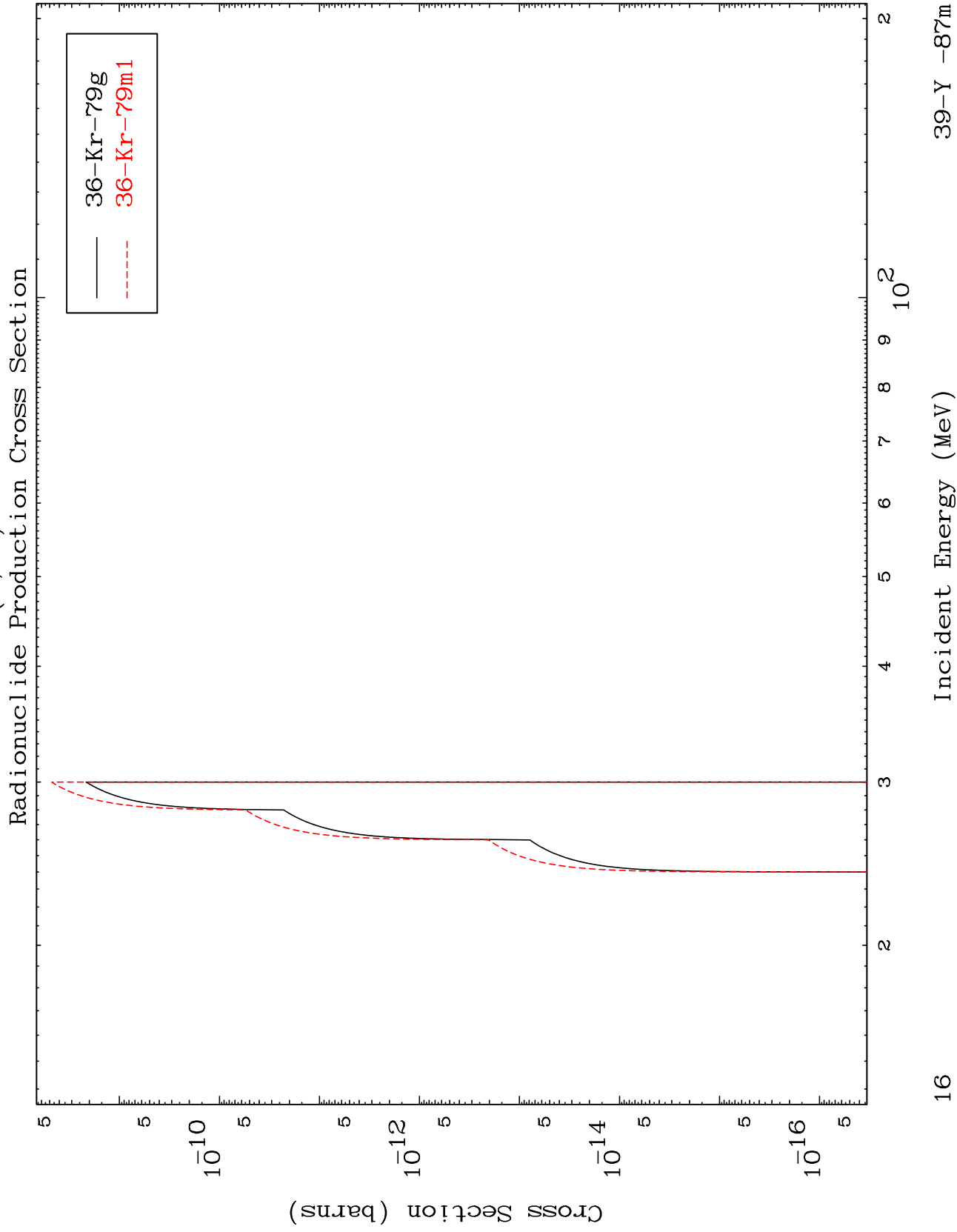
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,n') 2α

39-Y -87m



16

Incident Energy (MeV)

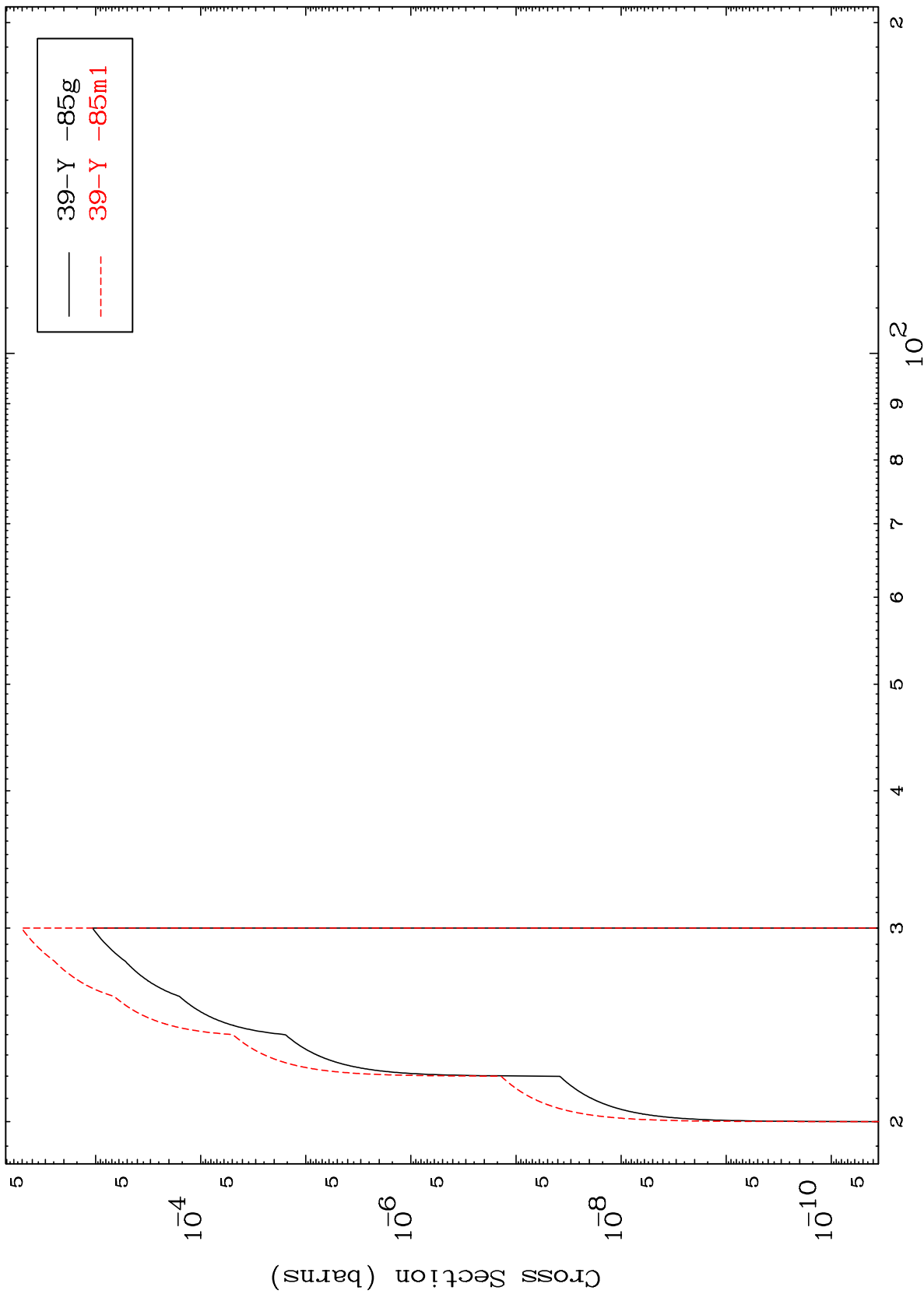
39-Y -87m

MAT 3920

(n,n') d

39-Y -87m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

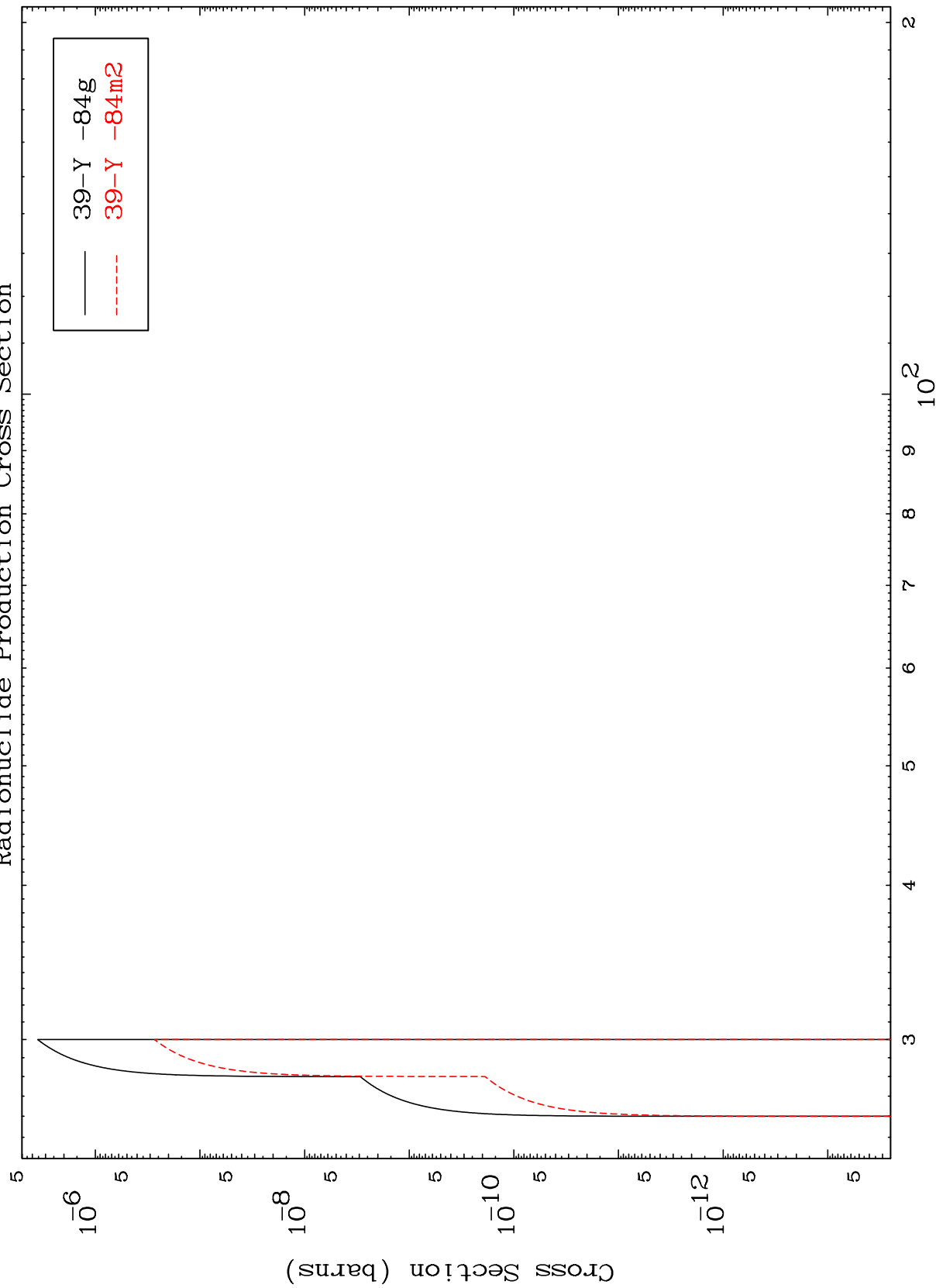
39-Y -87m

MAT 3920

(n,n') t

39-Y -87m

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

18

Incident Energy (MeV)

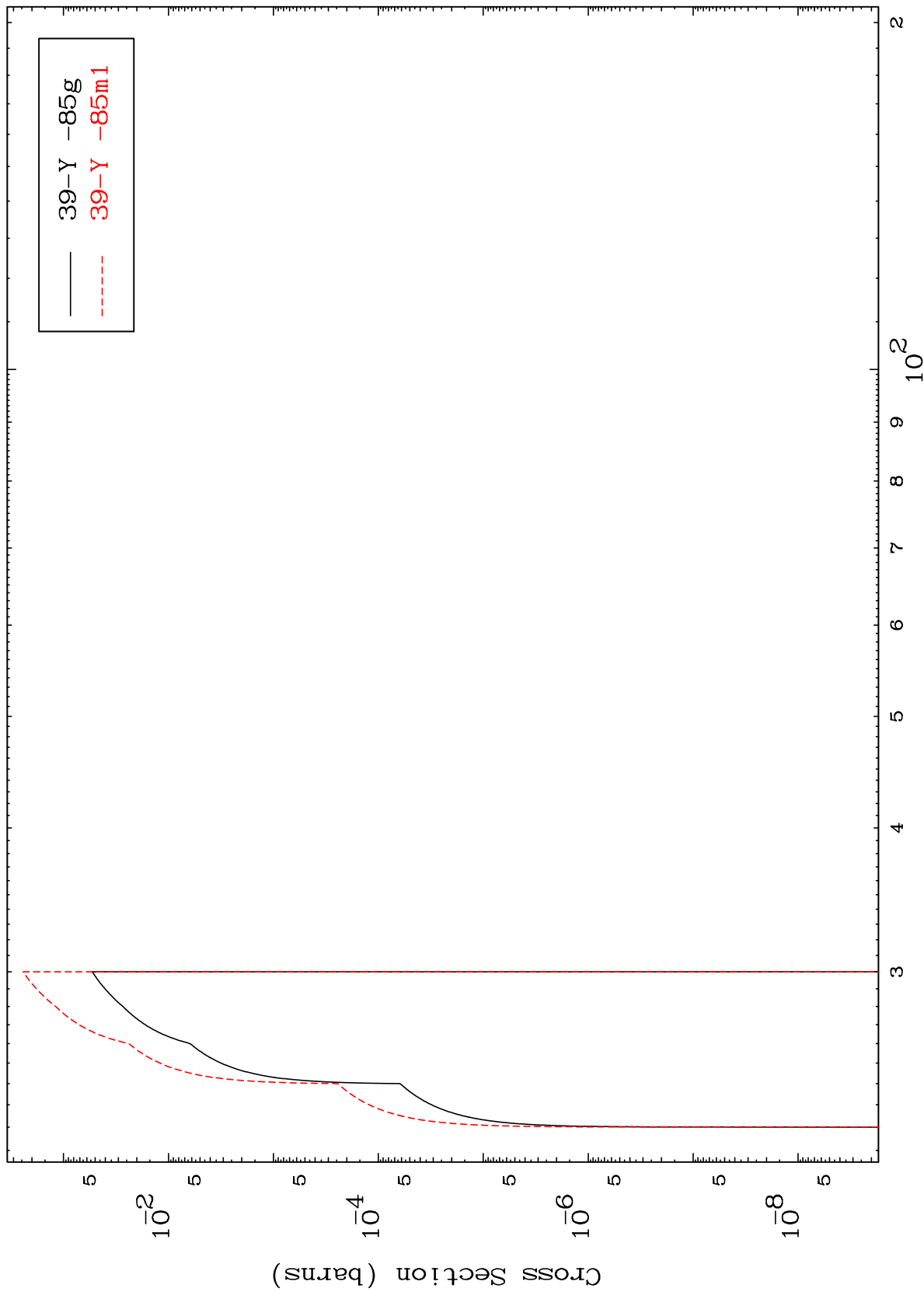
39-Y -87m

MAT 3920

(n,2n) p

39-Y -87m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

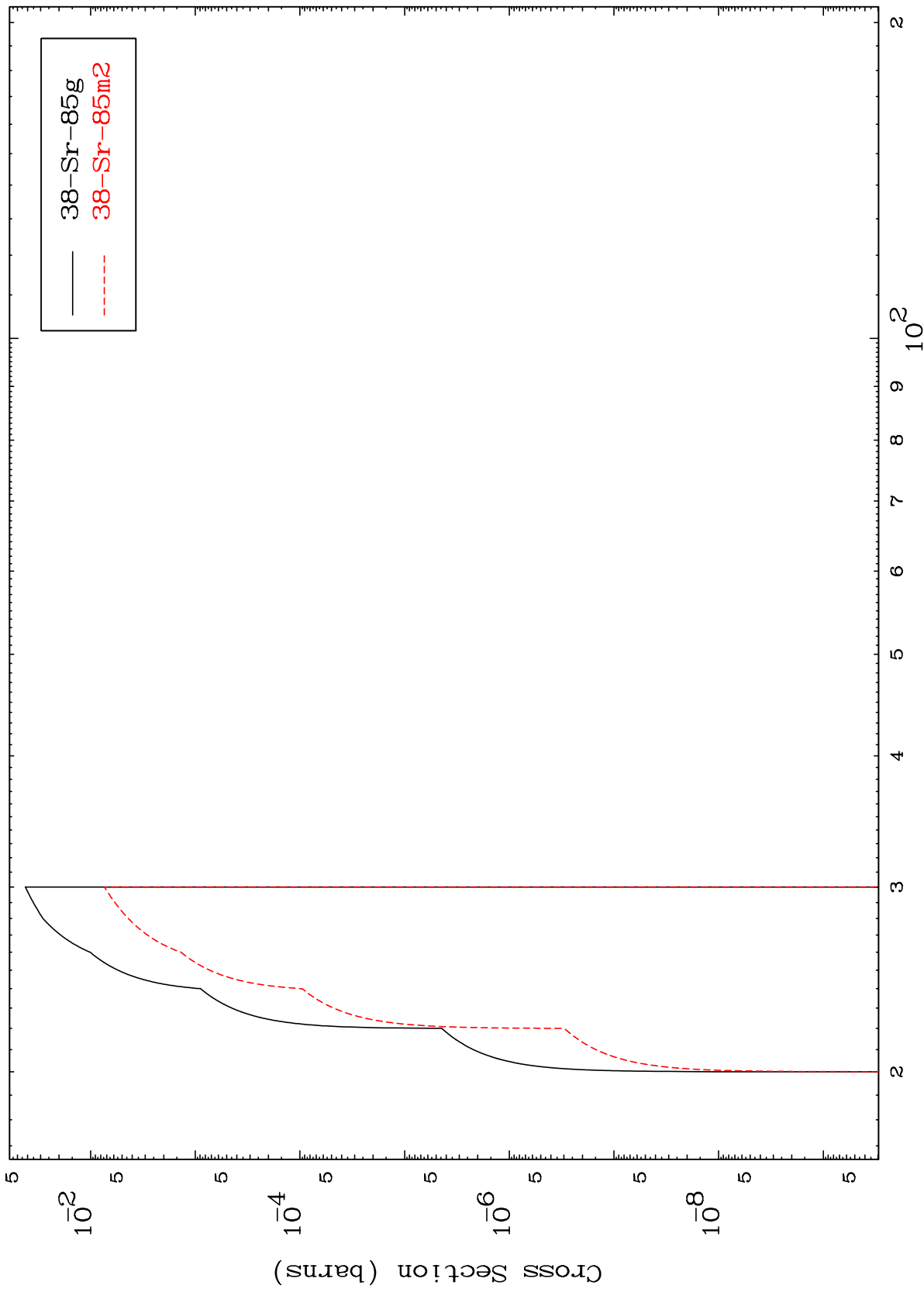
39-Y -87m

MAT 3920

(n,2n) p

39-Y -87m

Radionuclide Production Cross Section

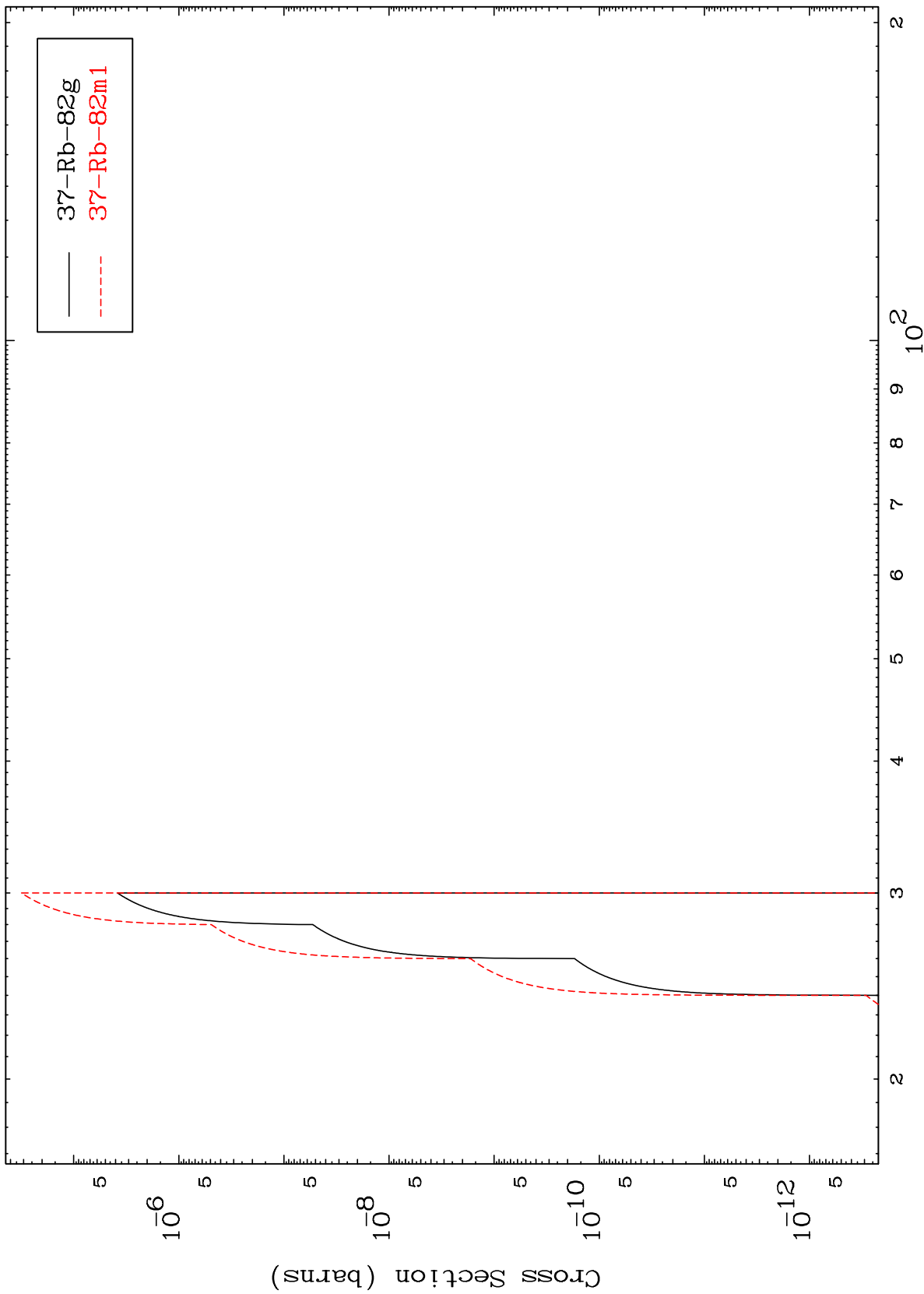


20

Incident Energy (MeV)

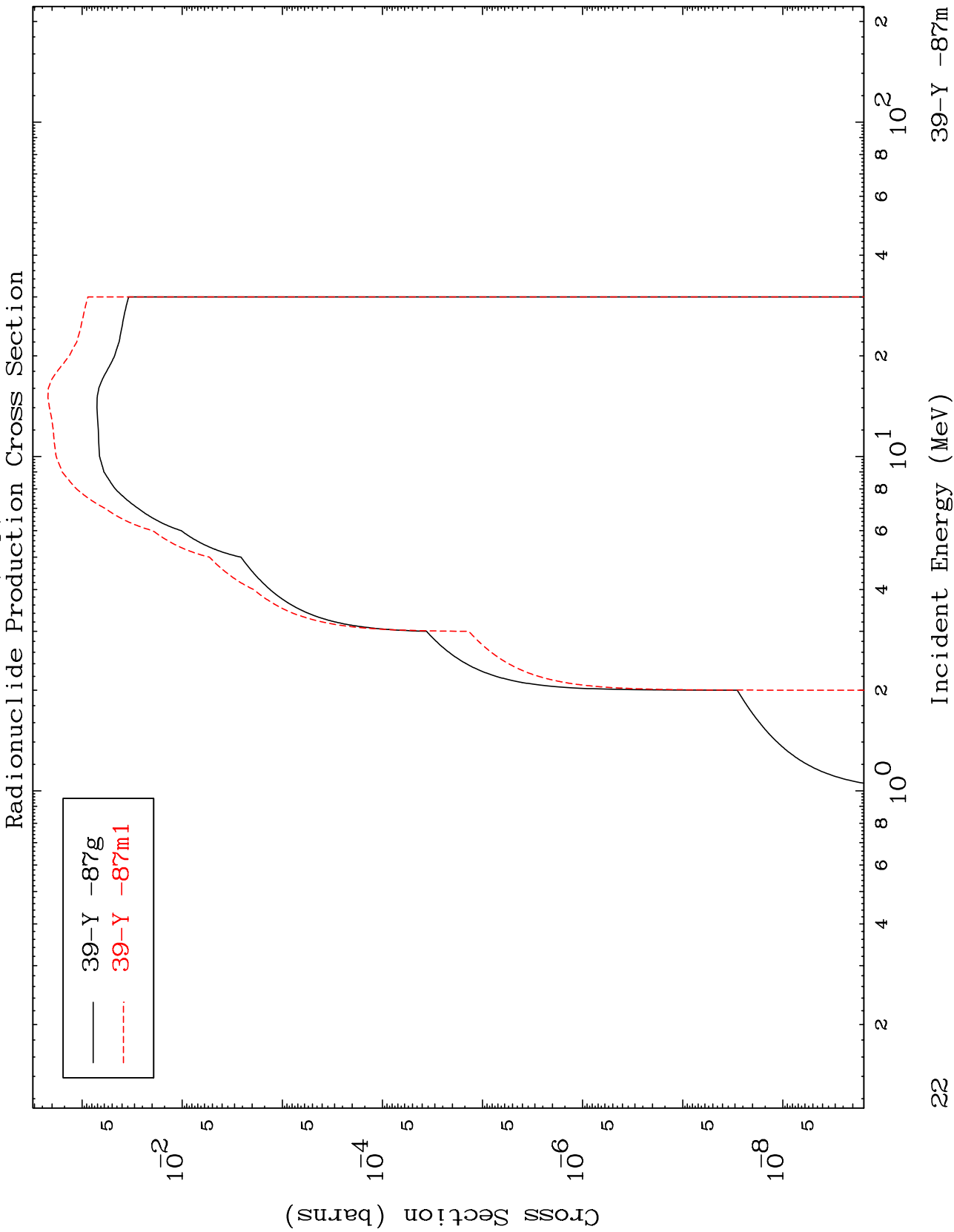
39-Y -87m

Radionuclide Production Cross Section



MAT 3920

39-Y -87m

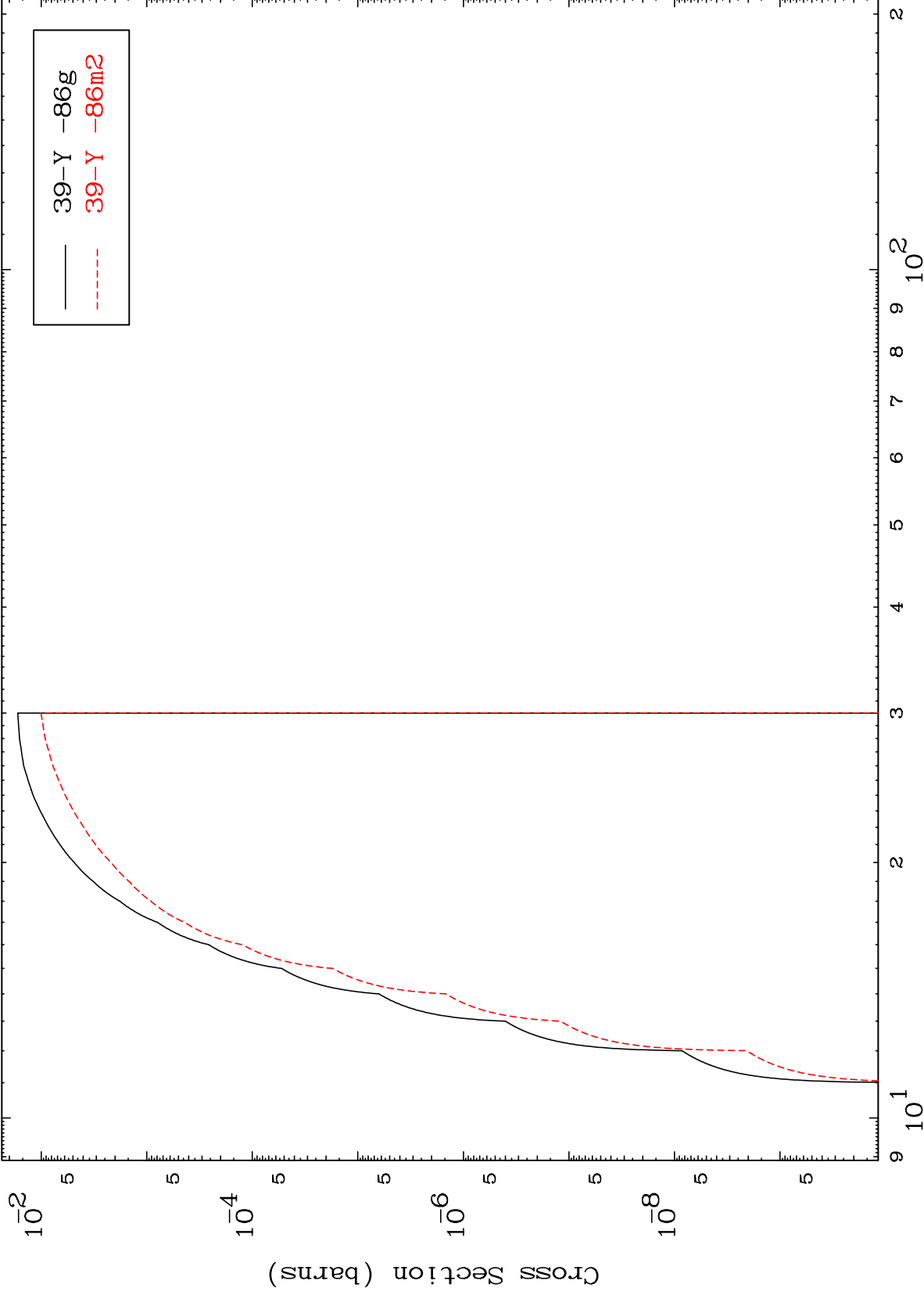


MAT 3920

(n,d)

39-Y -87m

Radionuclide Production Cross Section



23

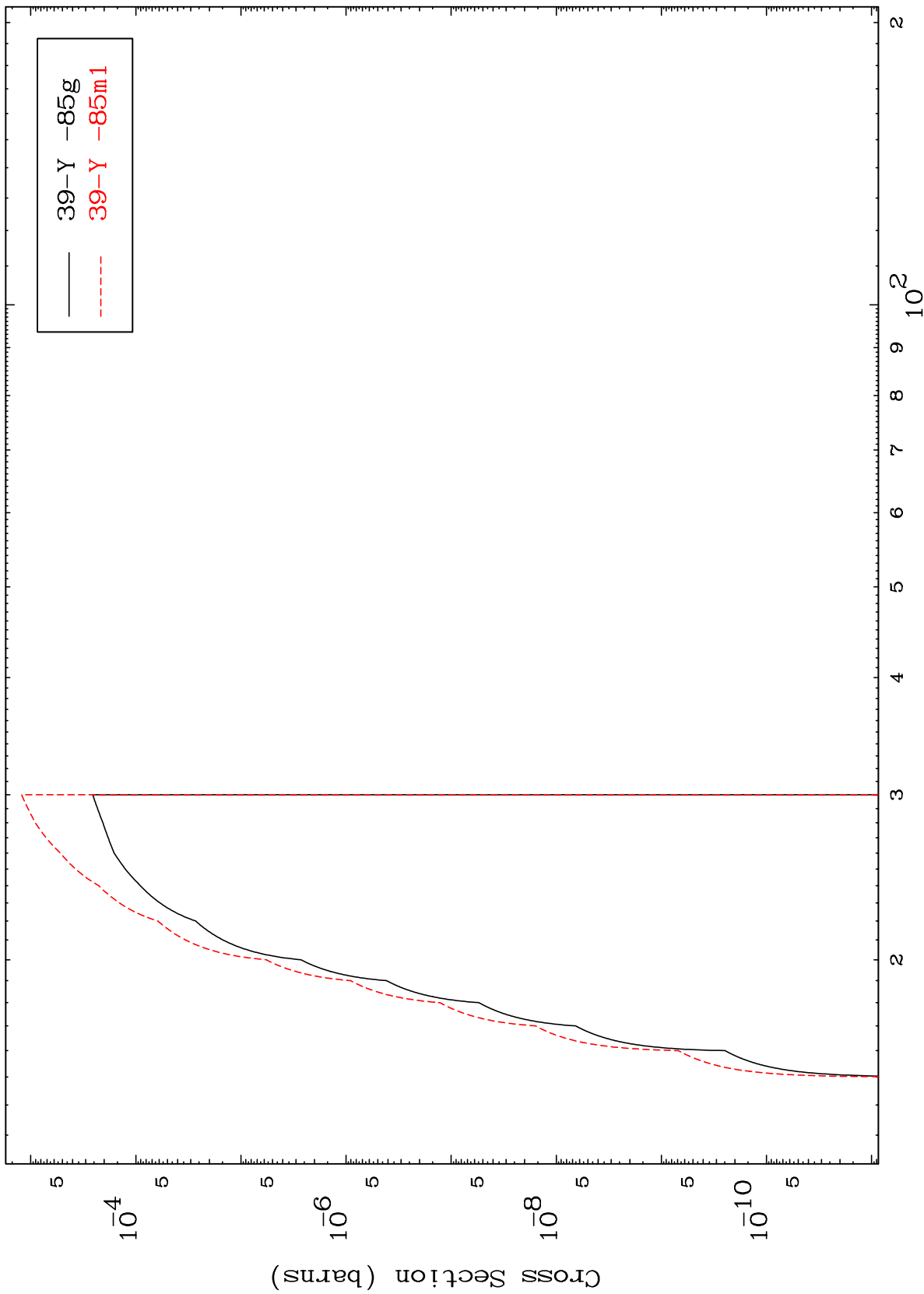
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

(n,t)
Radionuclide Production Cross Section



24

39-Y -87m

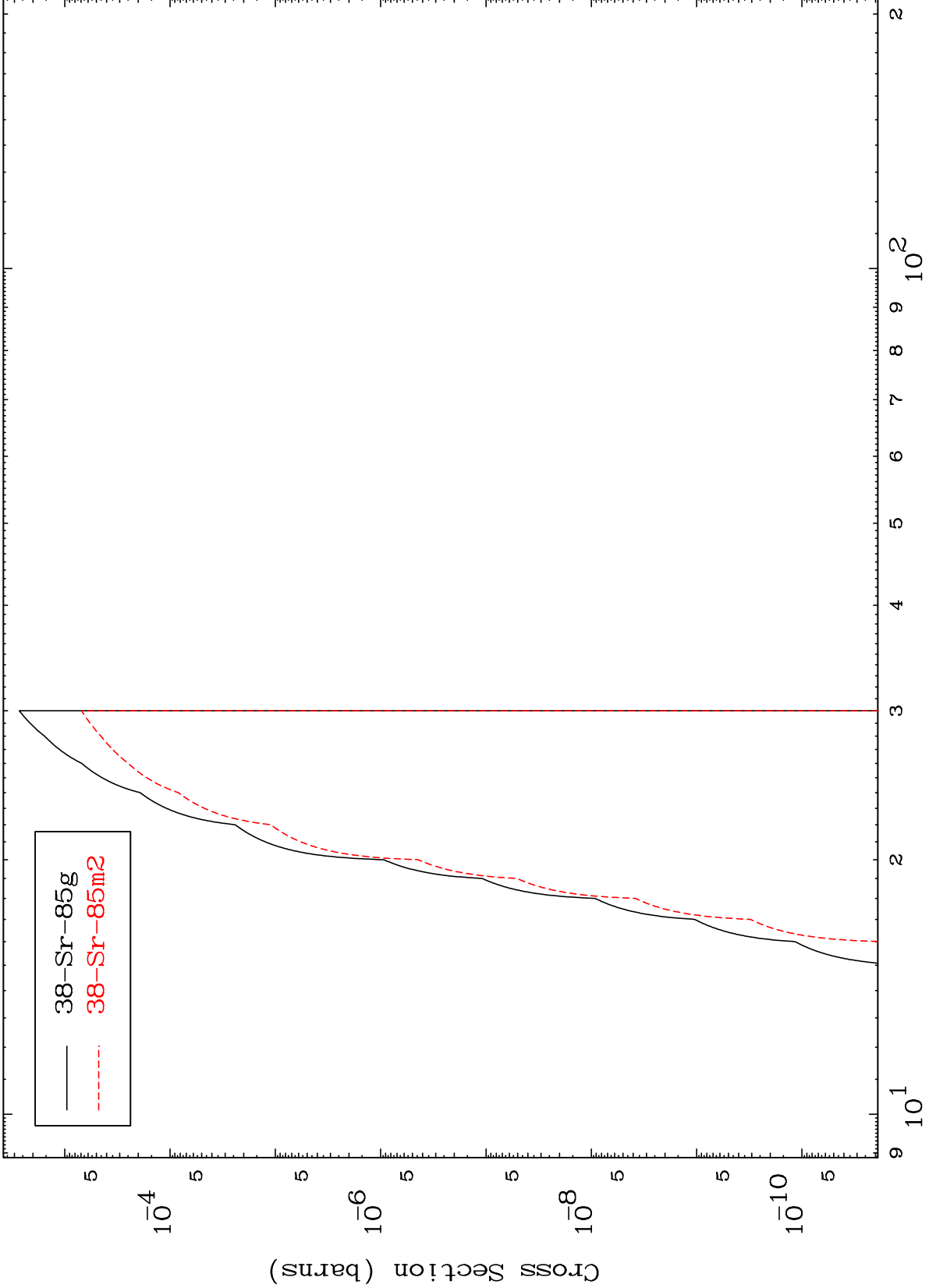
Incident Energy (MeV)

MAT 3920

(n,He-3)

39-Y -87m

Radionuclide Production Cross Section



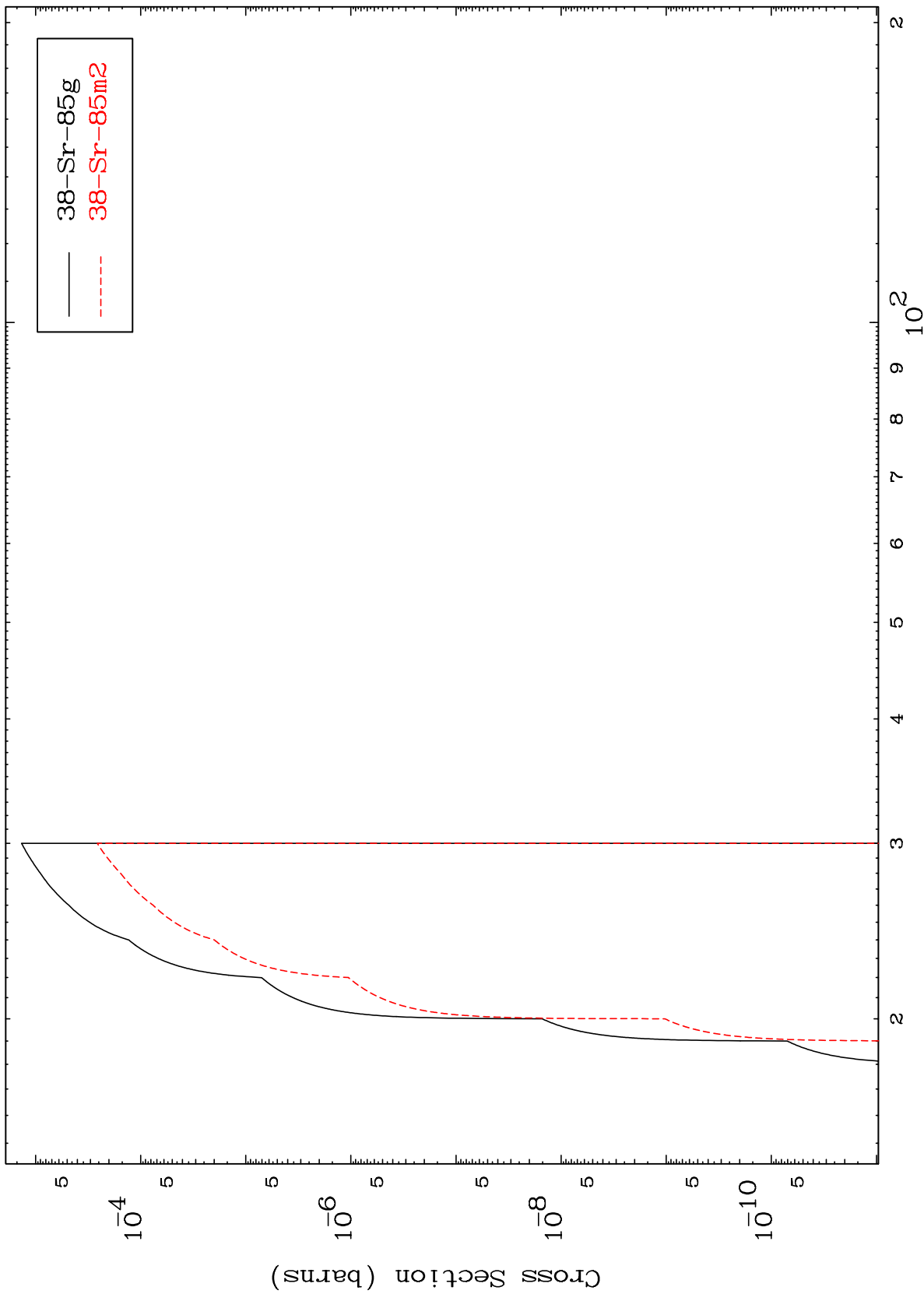
38-Sr-85g
38-Sr-85m2

25

Incident Energy (MeV)

39-Y -87m

Radionuclide Production Cross Section

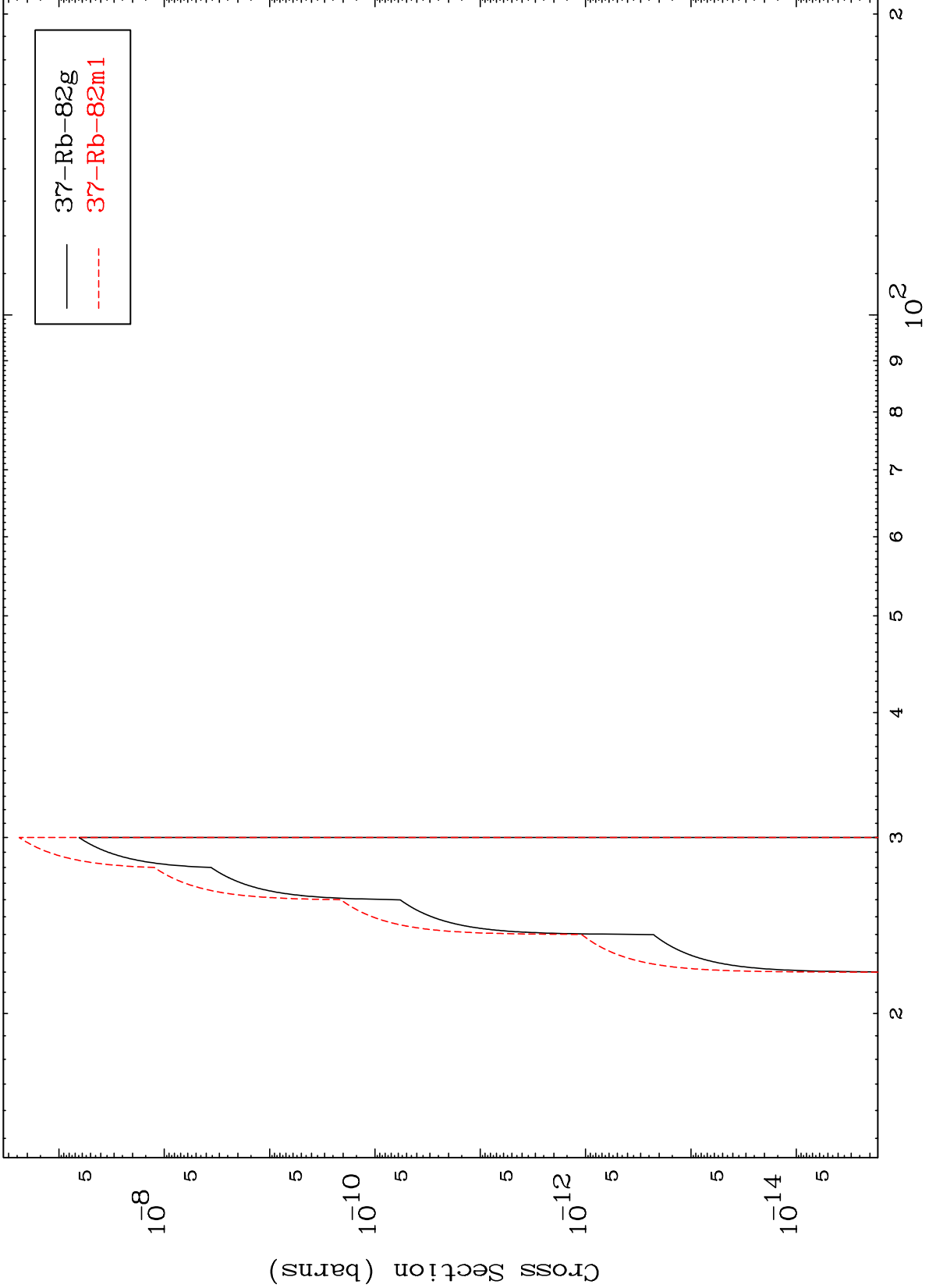


MAT 3920

(n,d) α

39-Y -87m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

39-Y -87m