

Program EVALPLOT  
(Version 2018-1)

by

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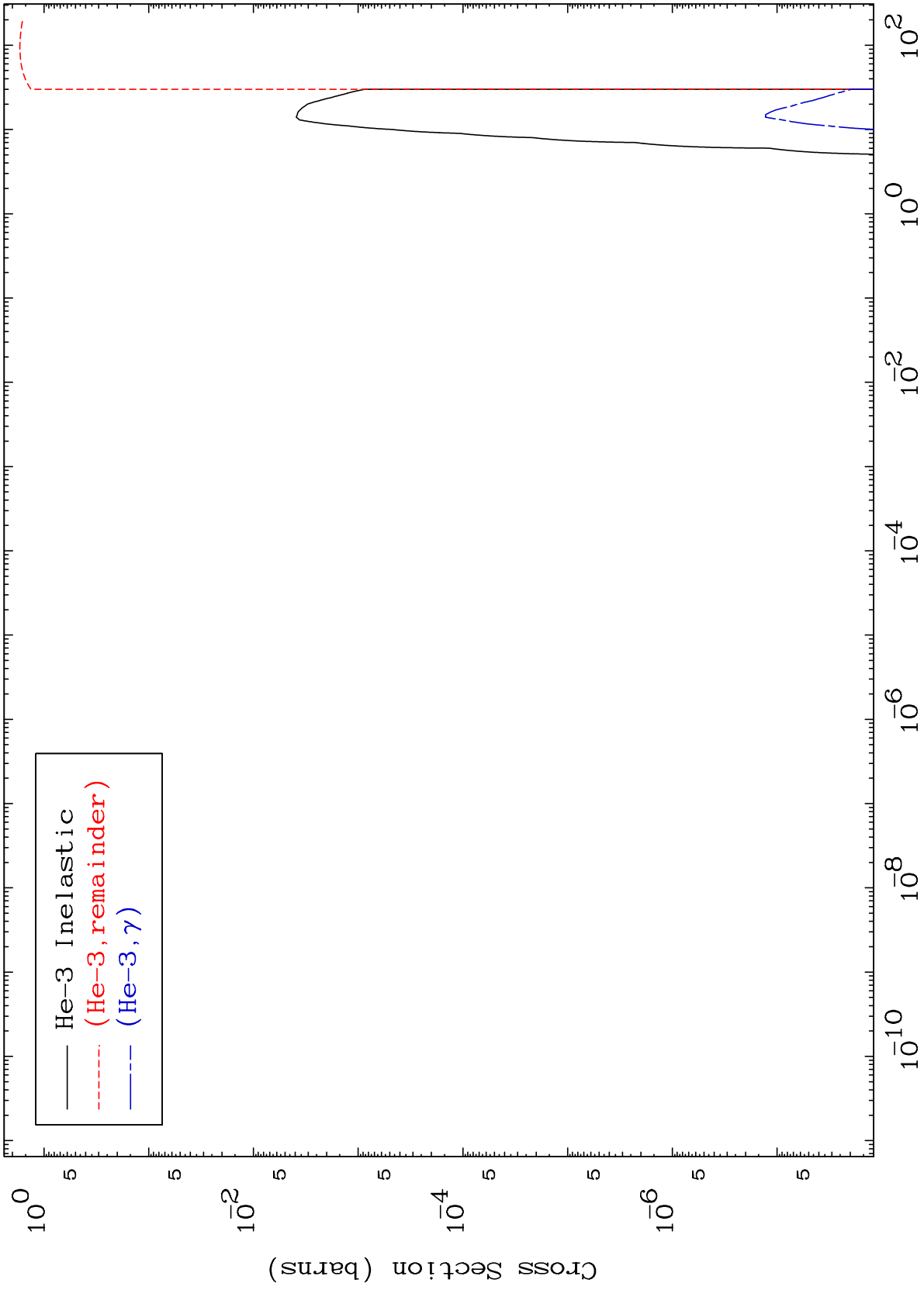
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

He-3 Major  
0 Kelvin Cross Sections

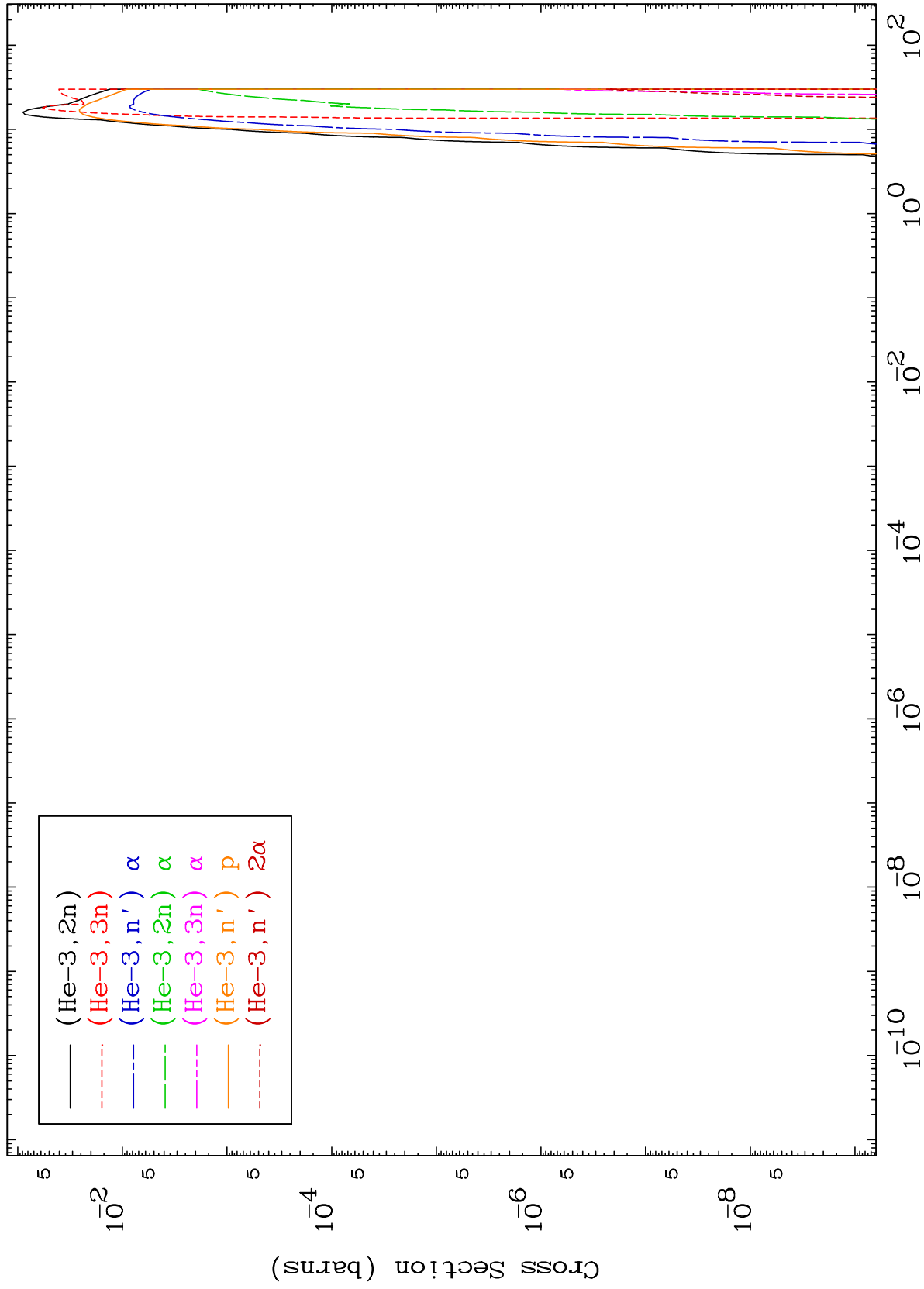
39-Y -90



MAT 3928

### He-3 Neutron Production 0 Kelvin Cross Sections

39-Y -90



2

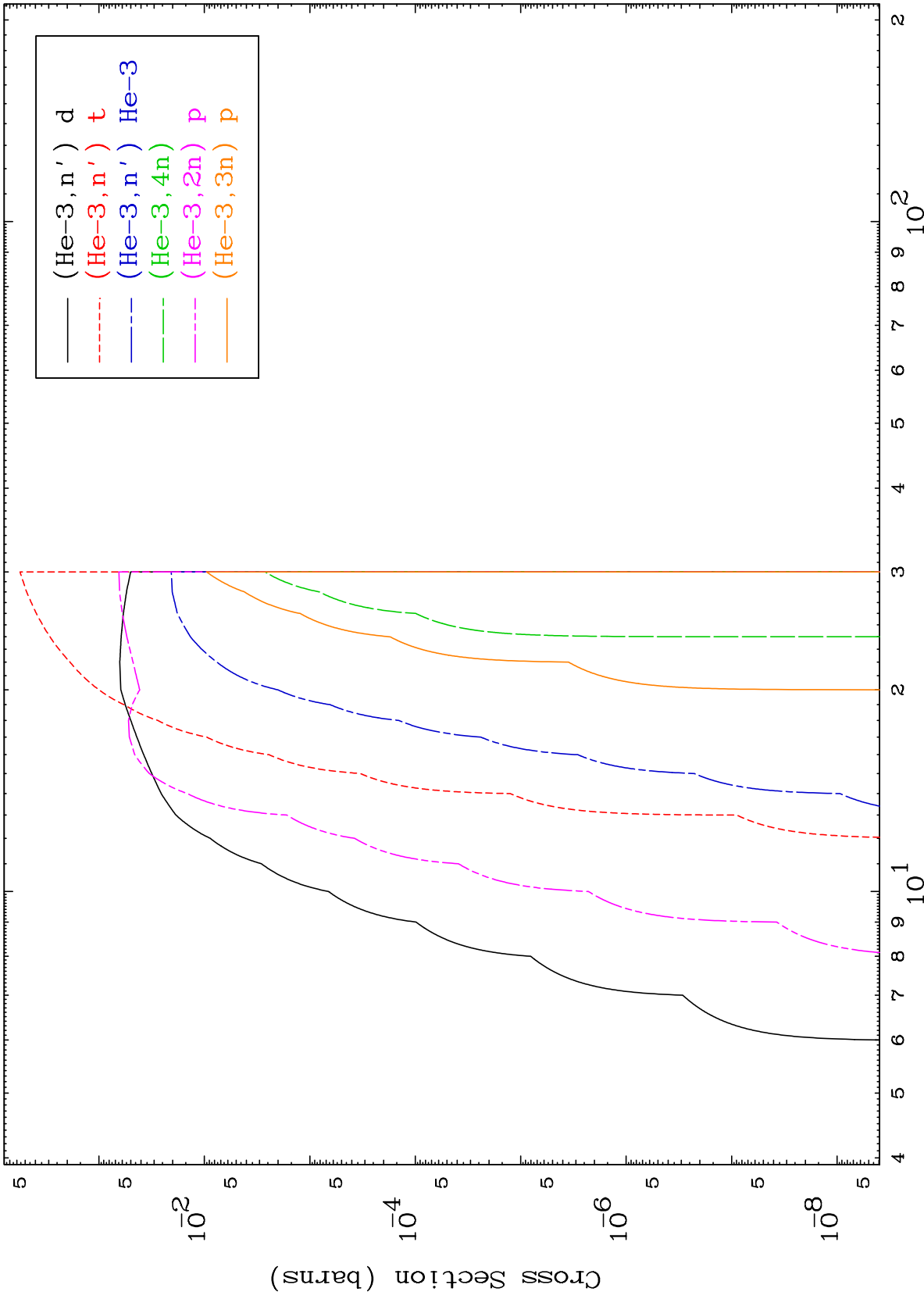
Incident Energy (MeV)

39-Y -90

MAT 3928

He-3 Neutron Production  
0 Kelvin Cross Sections

39-Y -90



3

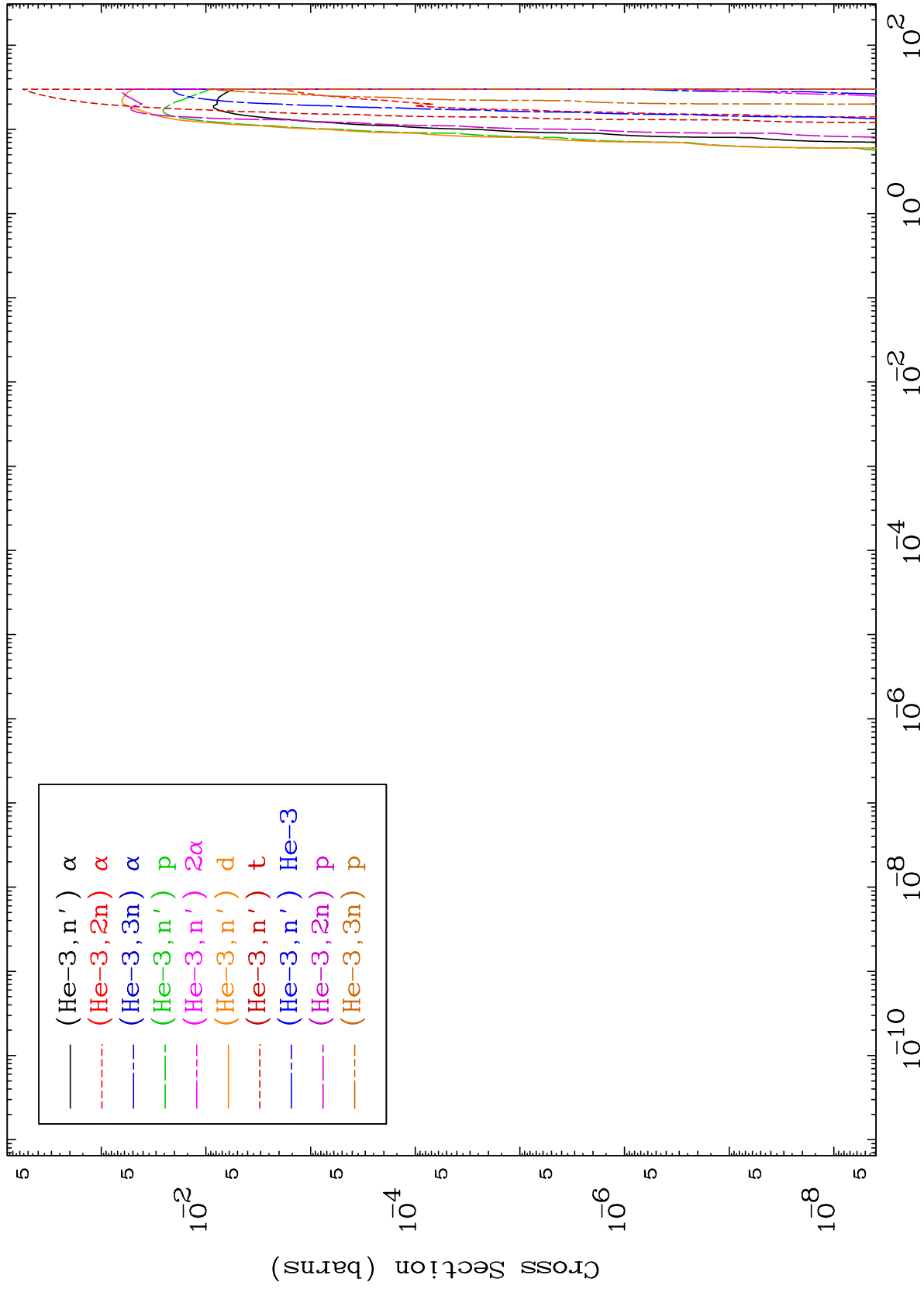
Incident Energy (MeV)

39-Y -90

MAT 3928

He-3 Charged Particle  
0 Kelvin Cross Sections

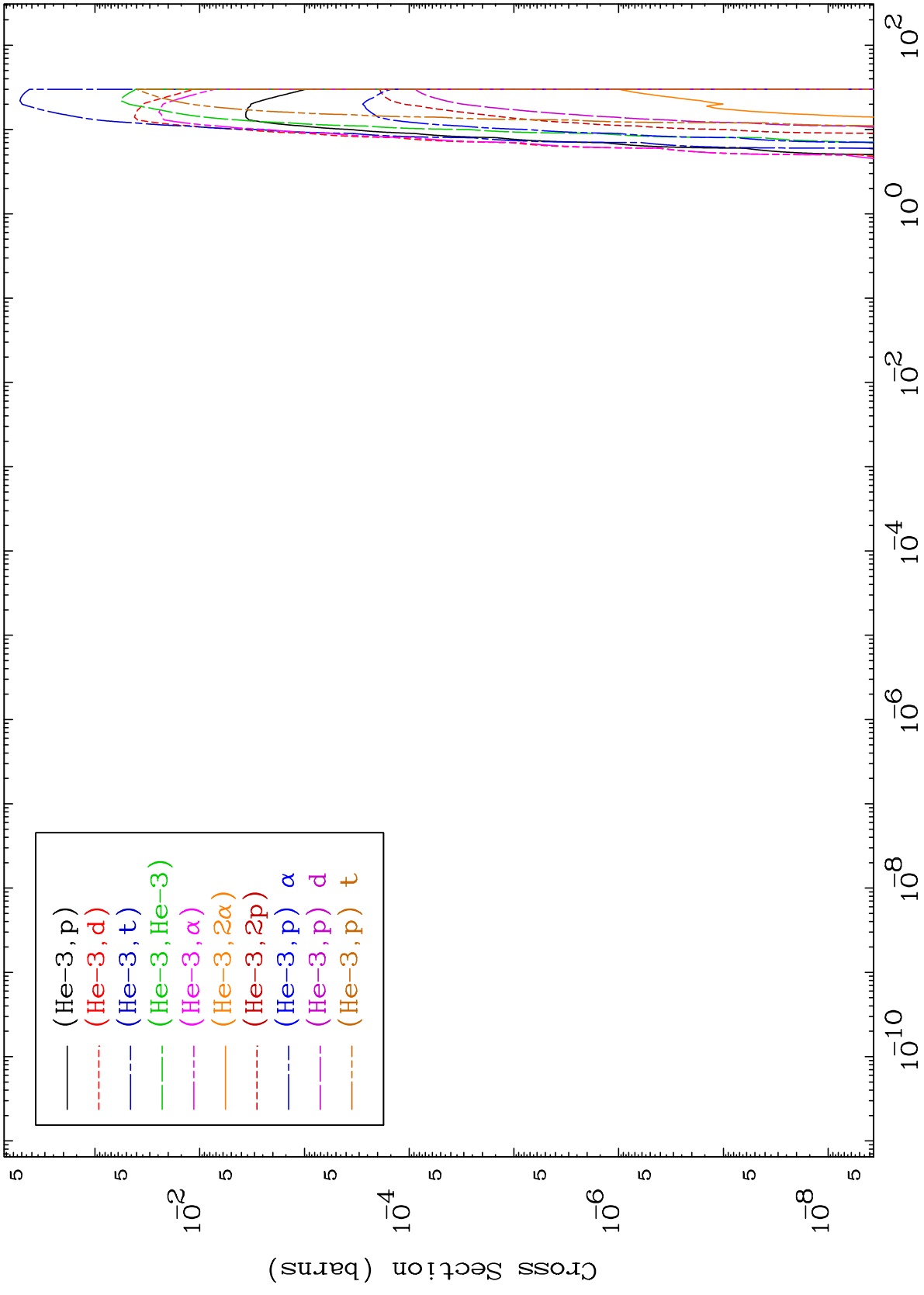
39-Y -90



MAT 3928

He-3 Charged Particle  
0 Kelvin Cross Sections

39-Y -90



5

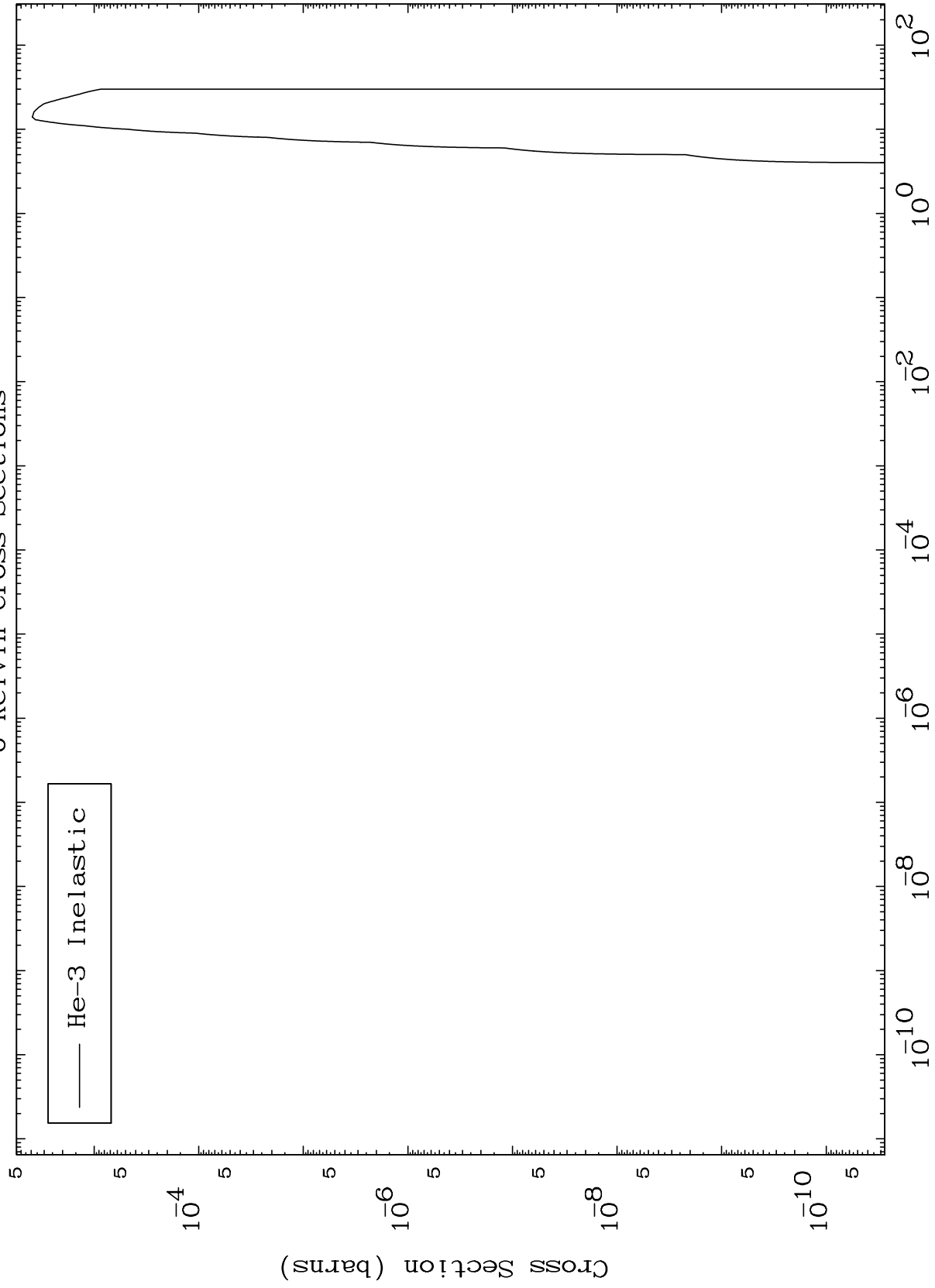
Incident Energy (MeV)

39-Y -90

MAT 3928

(He-3, n') Level  
0 Kelvin Cross Sections

39-Y -90



6

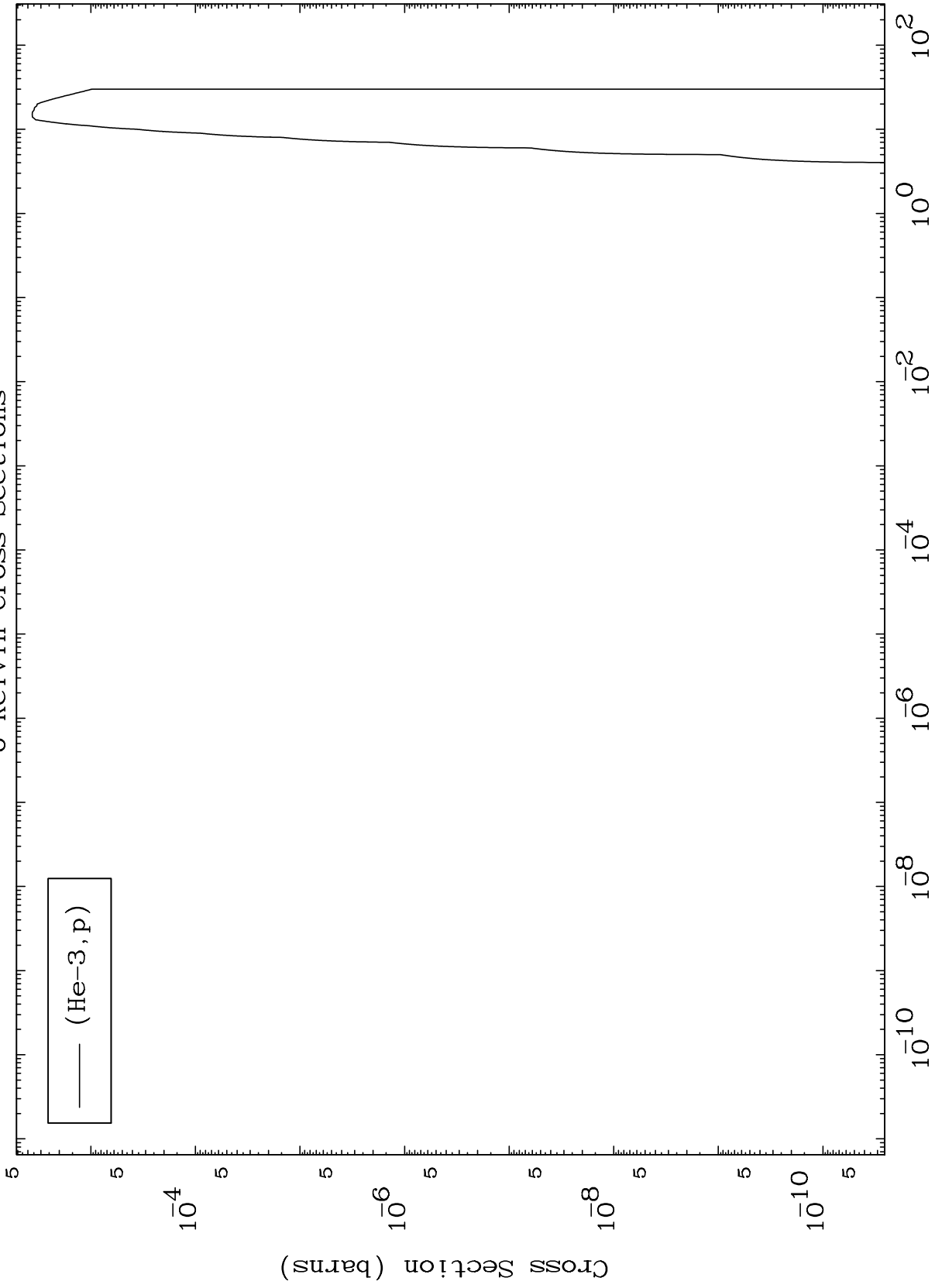
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



7

Incident Energy (MeV)

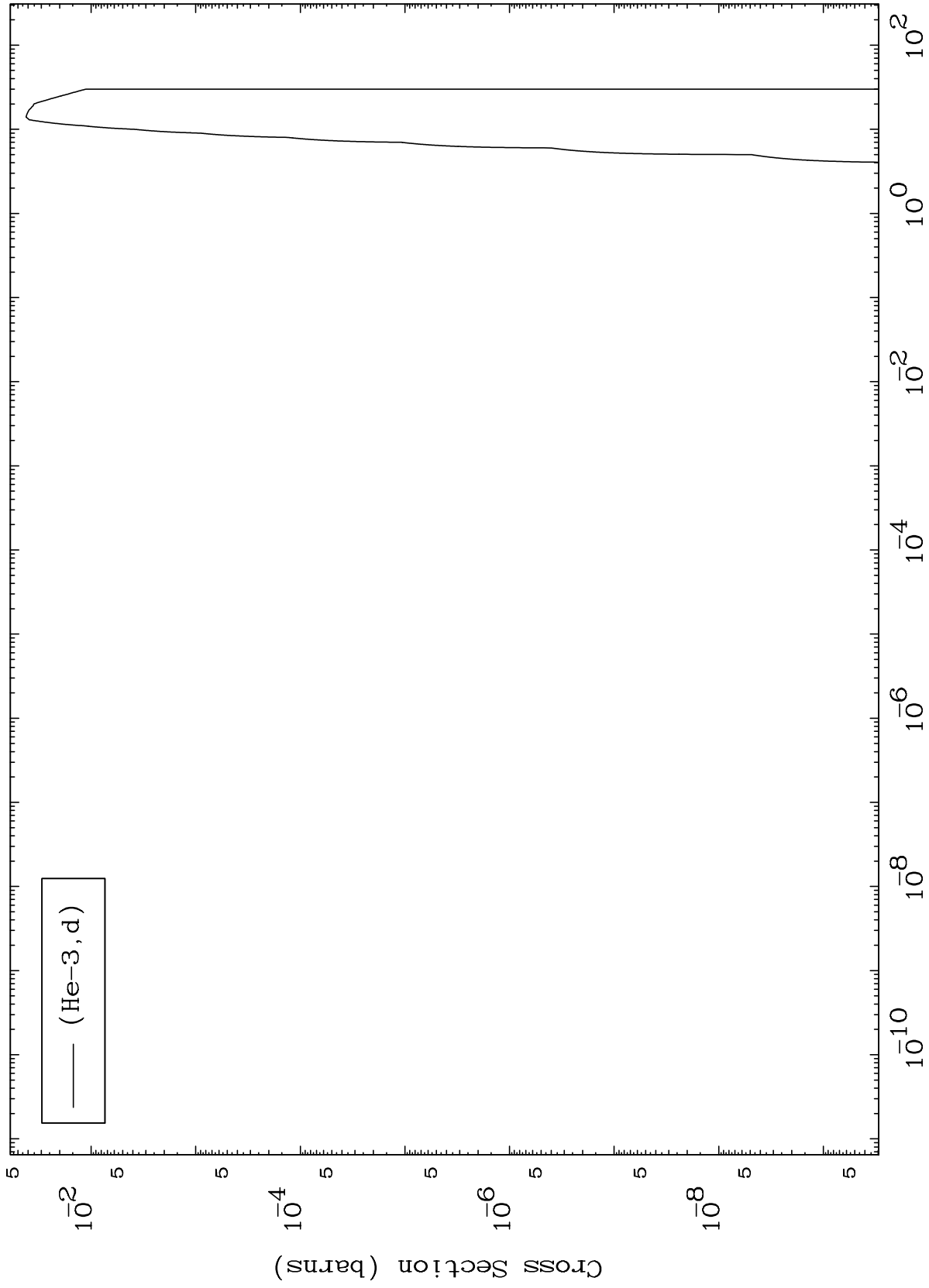
39-Y -90



MAT 3928

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

39-Y -90



8

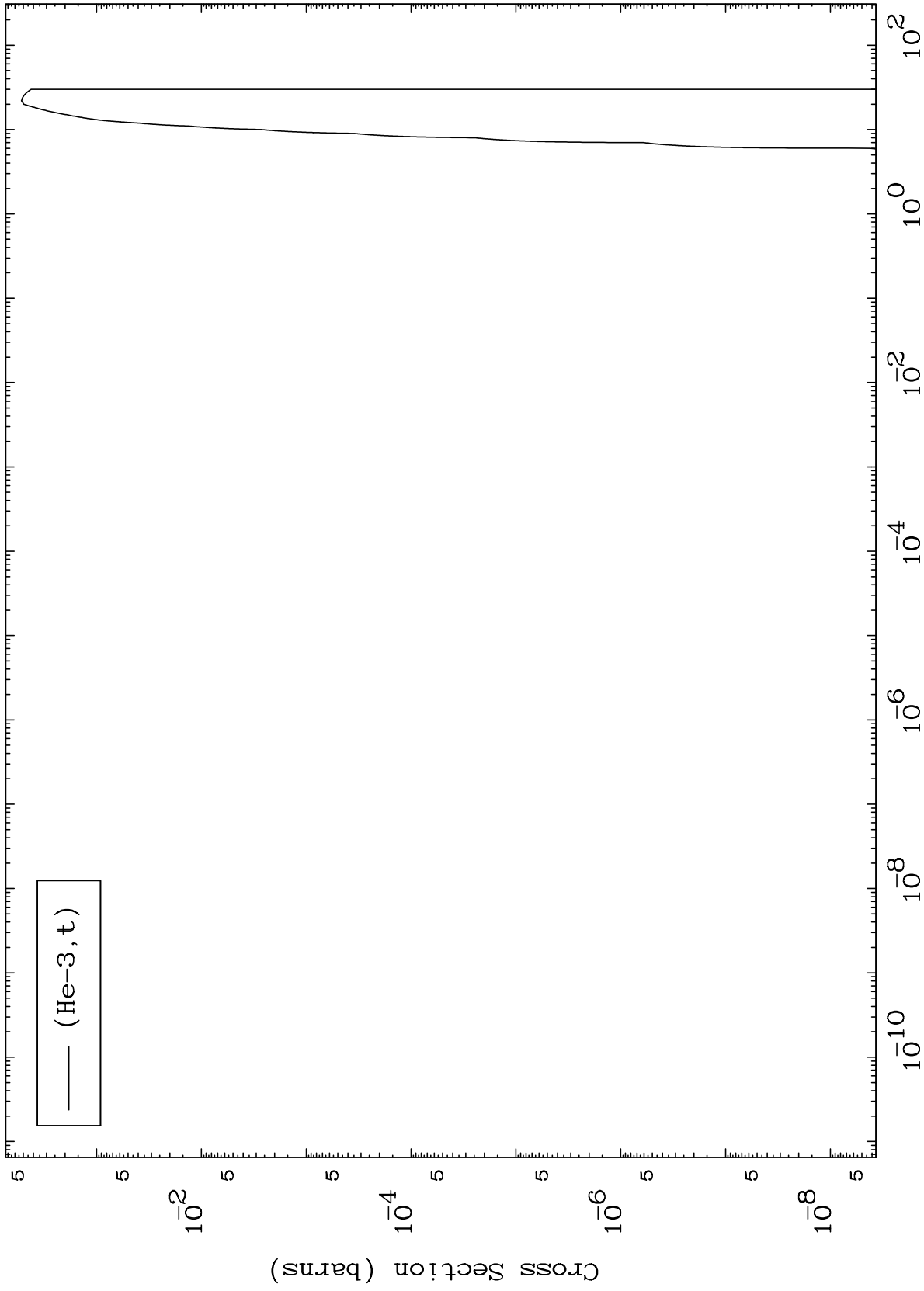
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



— (He-3, t)

9

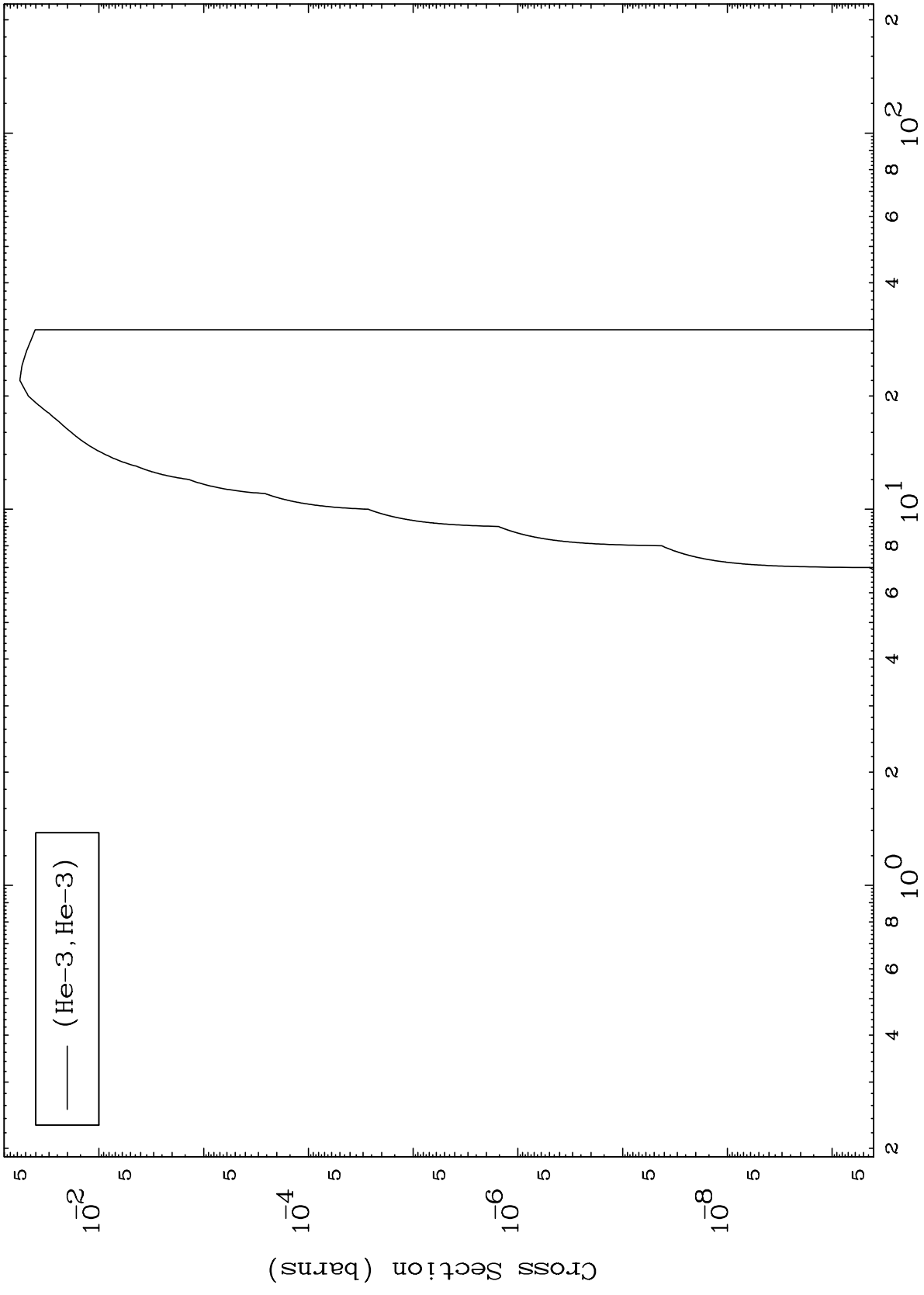
Incident Energy (MeV)

39-Y -90

MAT 3928

(He-3, He3) Levels  
0 Kelvin Cross Sections

39-Y -90



10

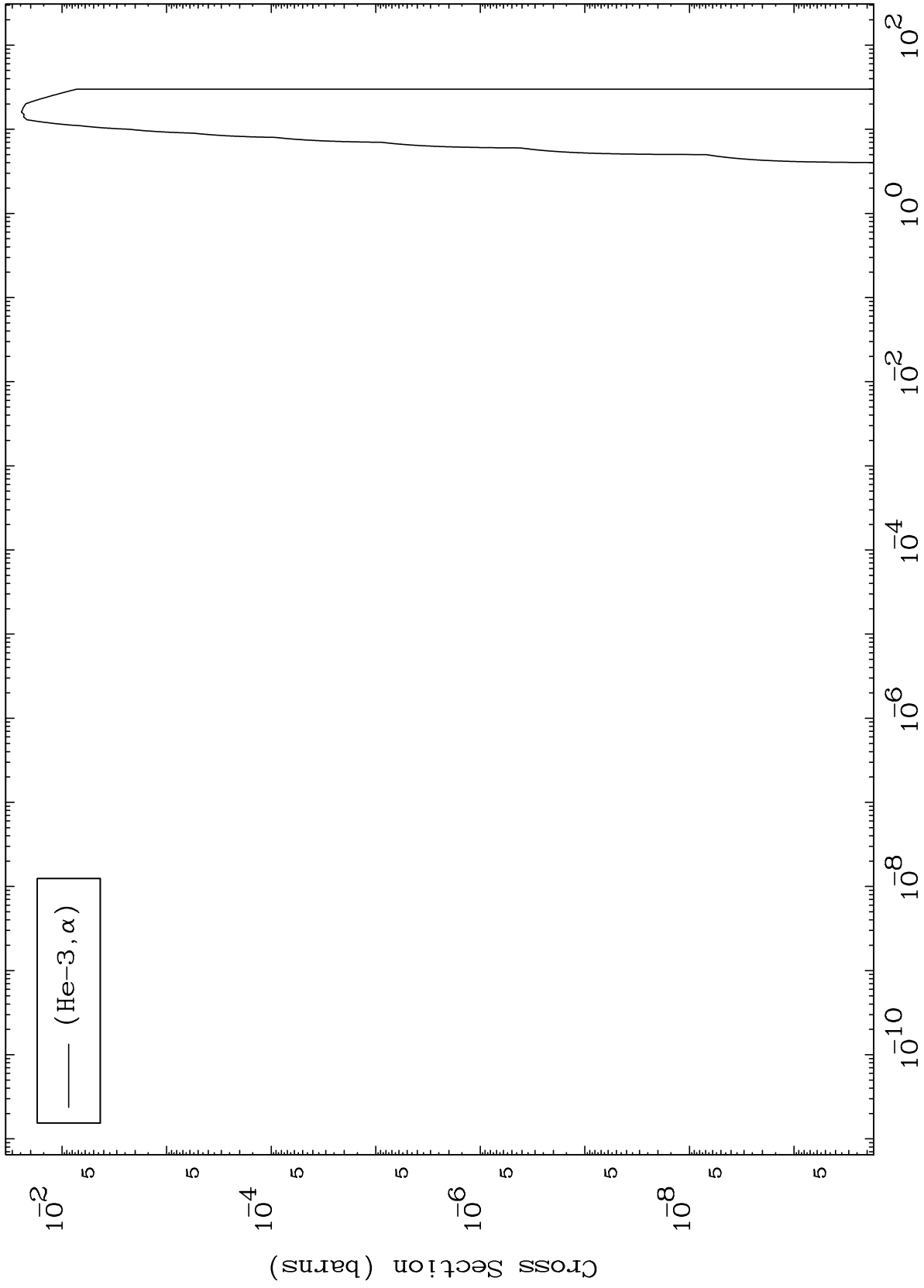
Incident Energy (MeV)

39-Y -90

MAT 3928

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

39-Y -90



11

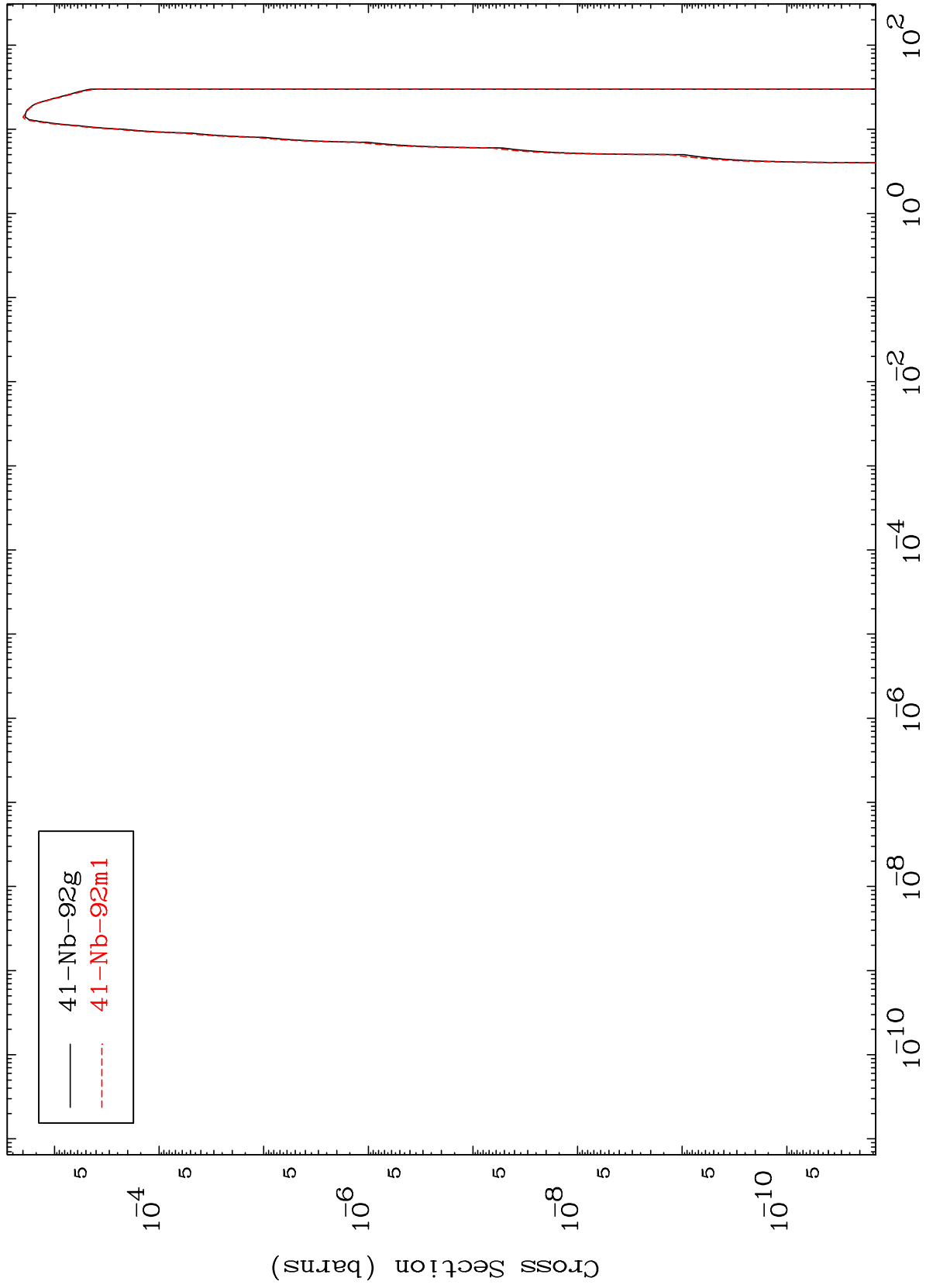
Incident Energy (MeV)

39-Y -90

MAT 3928

He-3 Inelastic  
Radionuclide Production Cross Section

39-Y -90

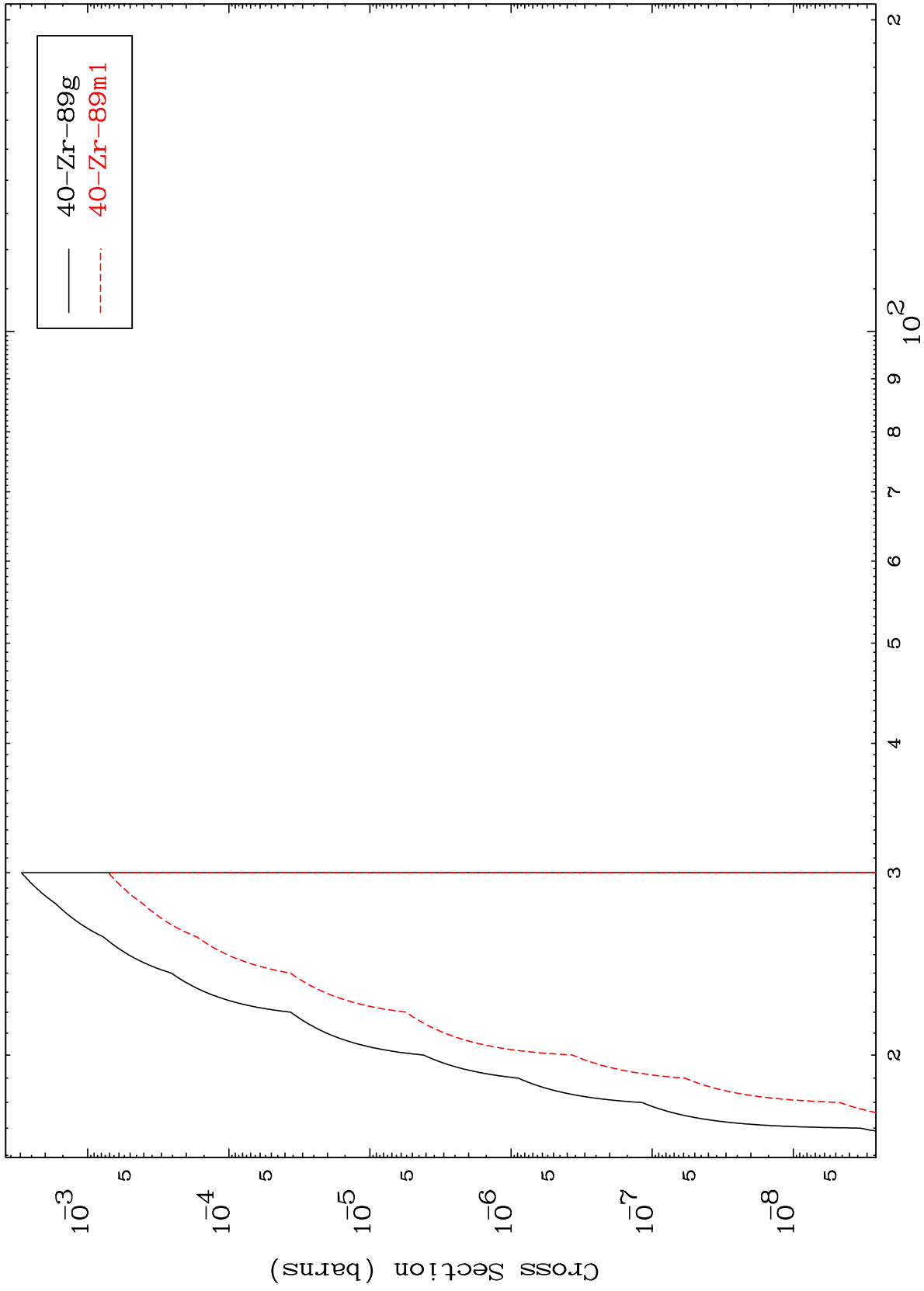


MAT 3928

(He-3,2n) d

39-Y -90

Radionuclide Production Cross Section



13

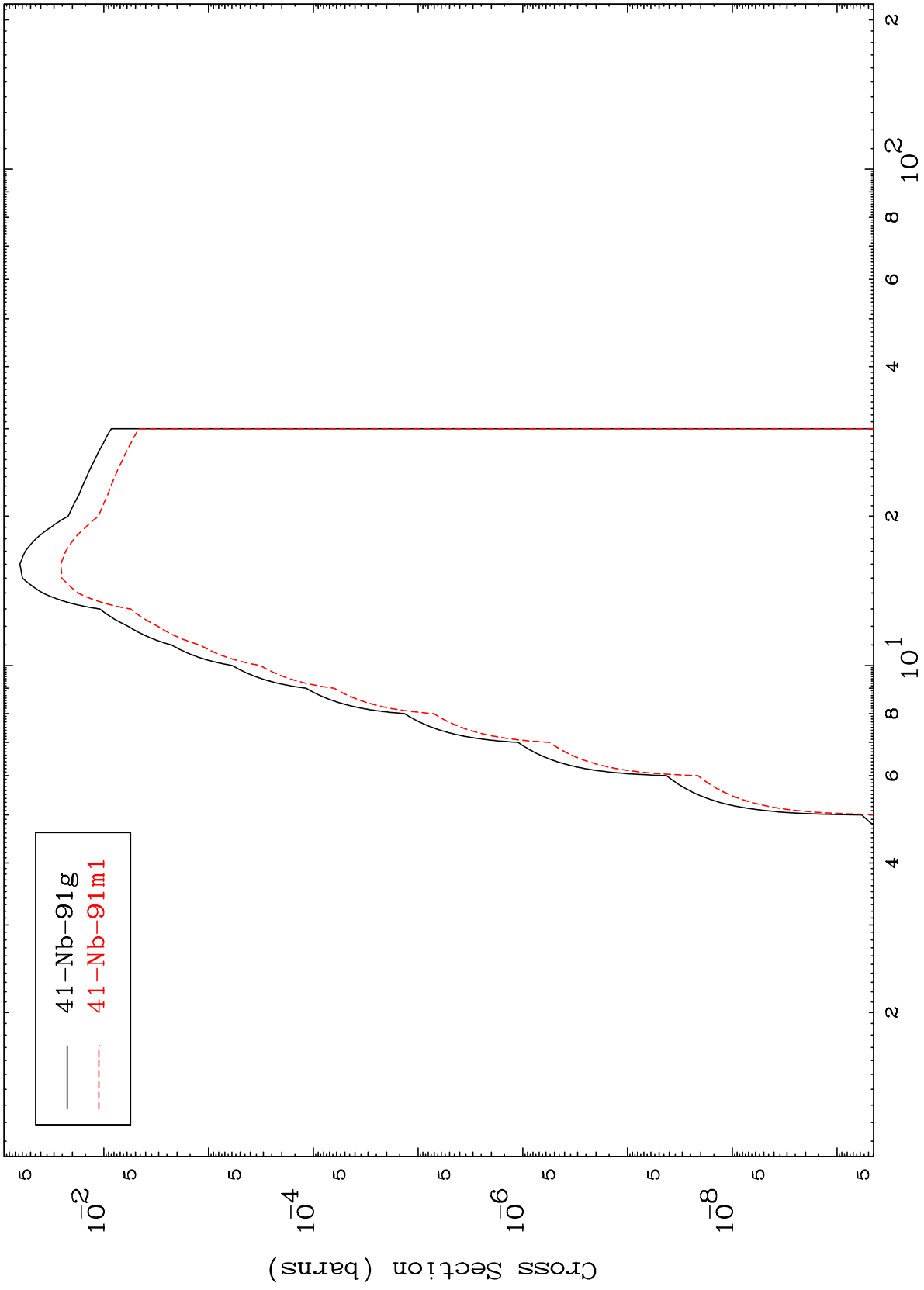
Incident Energy (MeV)

39-Y -90

MAT 3928

Radionuclide Production Cross Section  
(He-3,2n)

39-Y -90



14

Incident Energy (MeV)

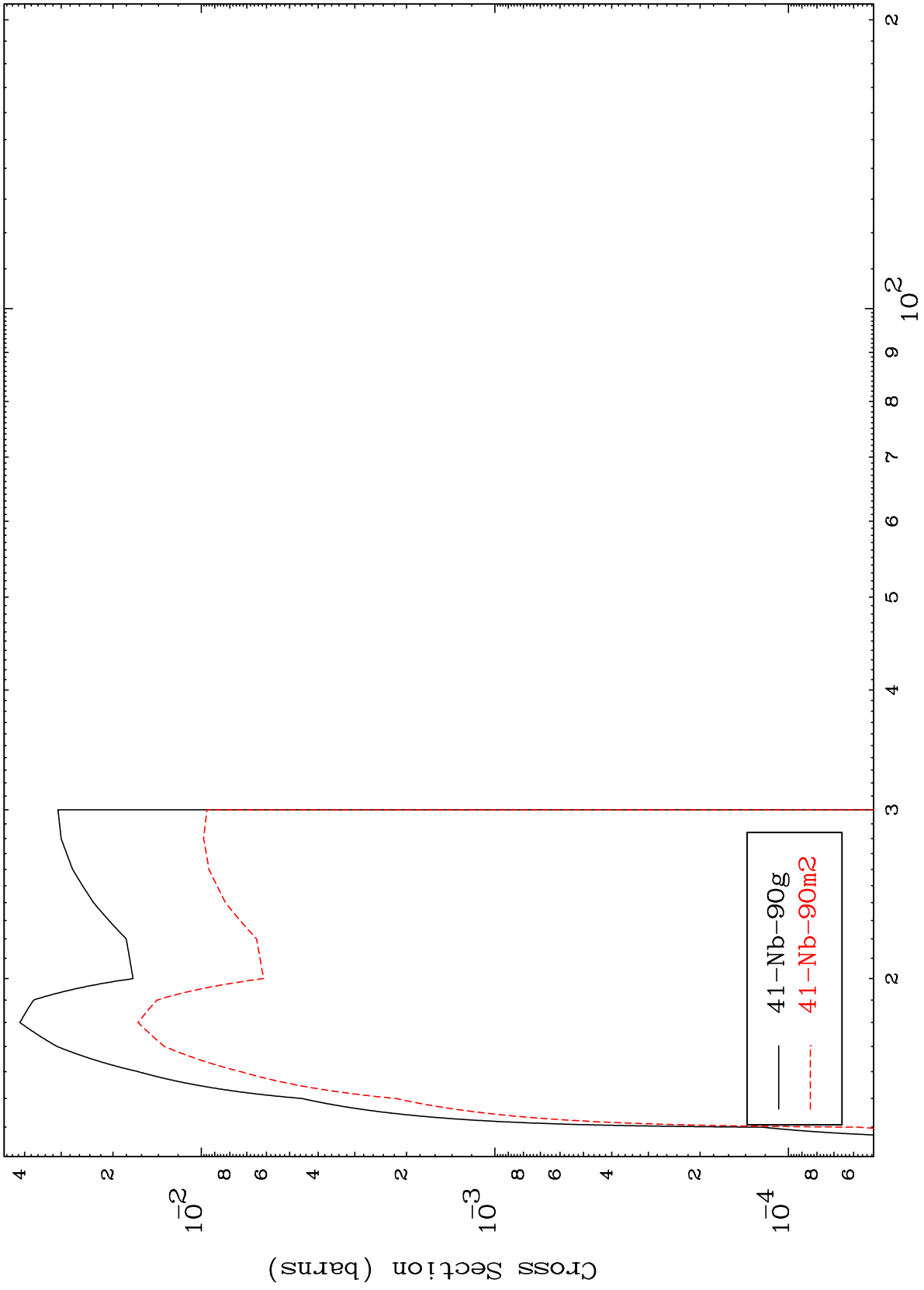
39-Y -90

MAT 3928

(He-3, 3n)

39-Y -90

Radionuclide Production Cross Section

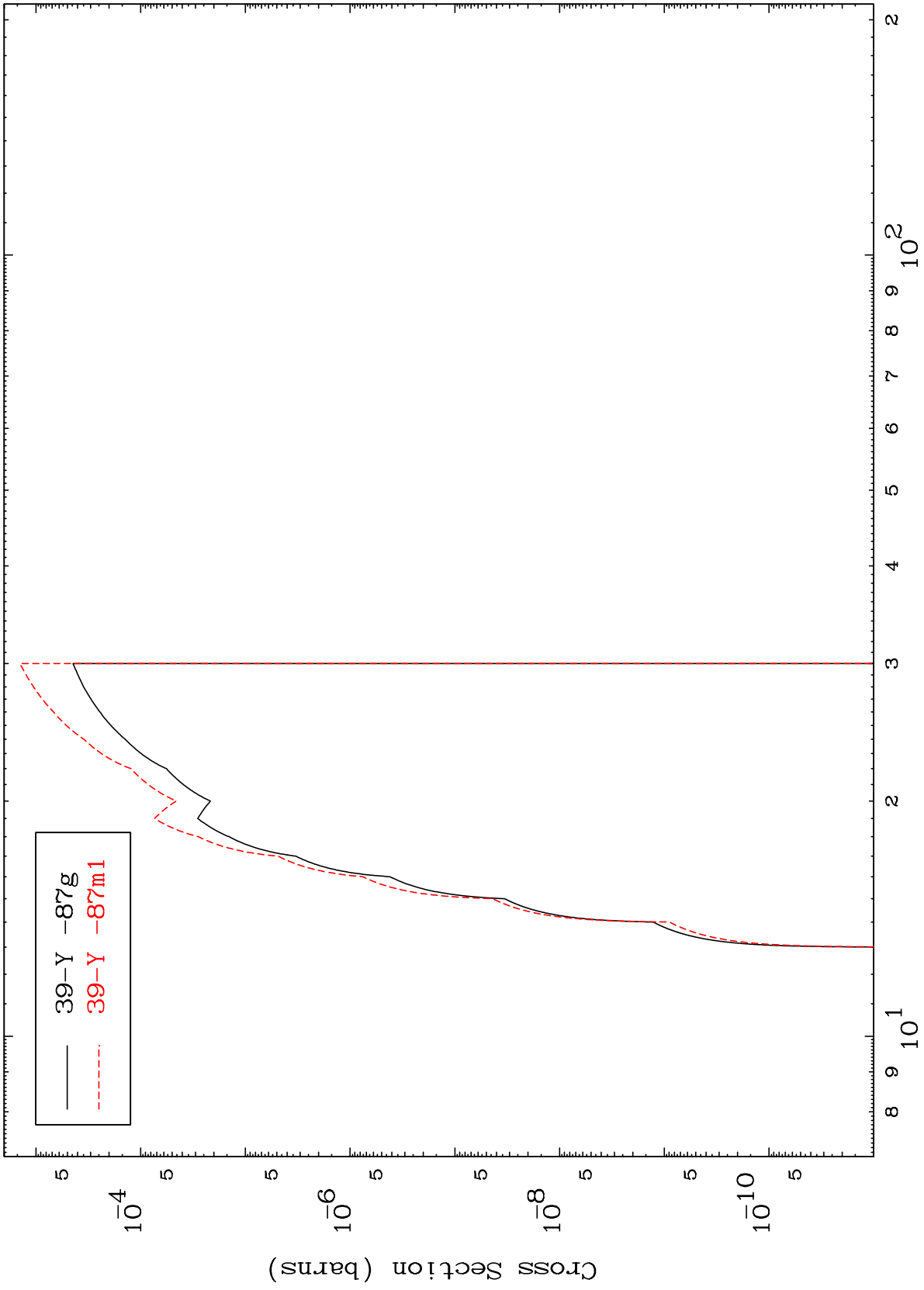




MAT 3928

39-Y -90

(He-3,2n)  $\alpha$   
Radionuclide Production Cross Section



16

Incident Energy (MeV)

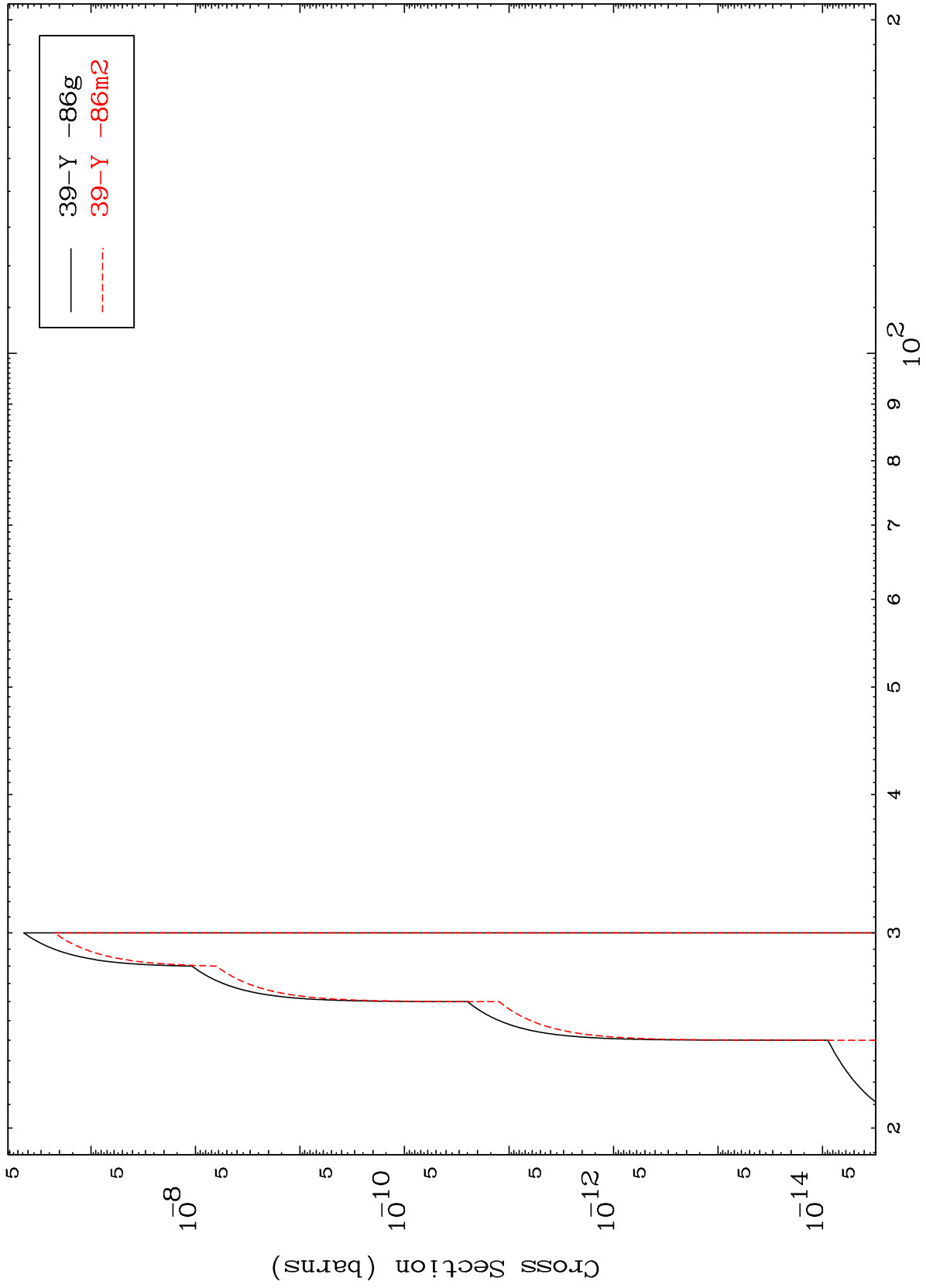
39-Y -90

MAT 3928

(He-3,3n)  $\alpha$

39-Y -90

Radionuclide Production Cross Section



17

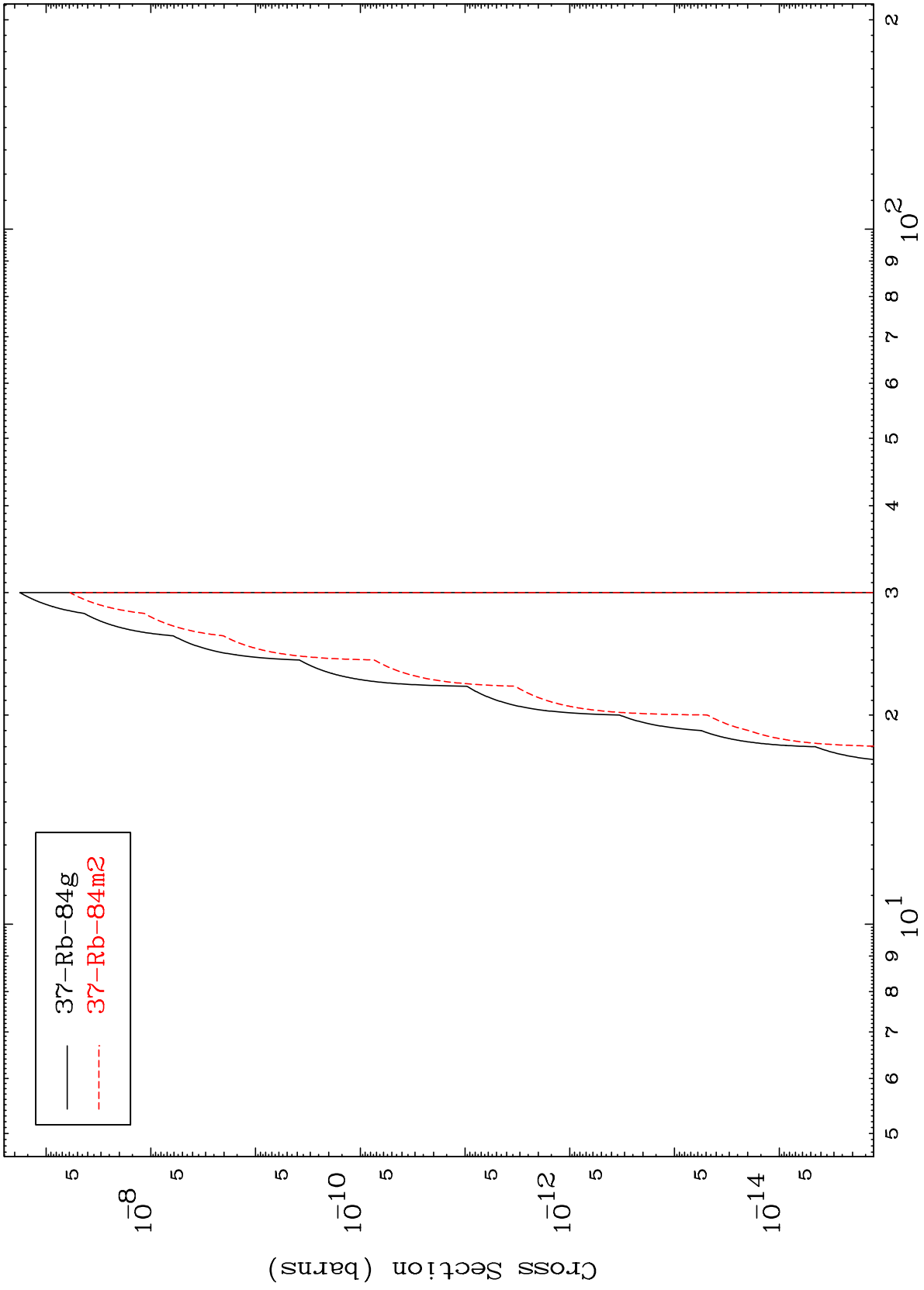
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(He-3, n') 2 $\alpha$   
Radionuclide Production Cross Section



18

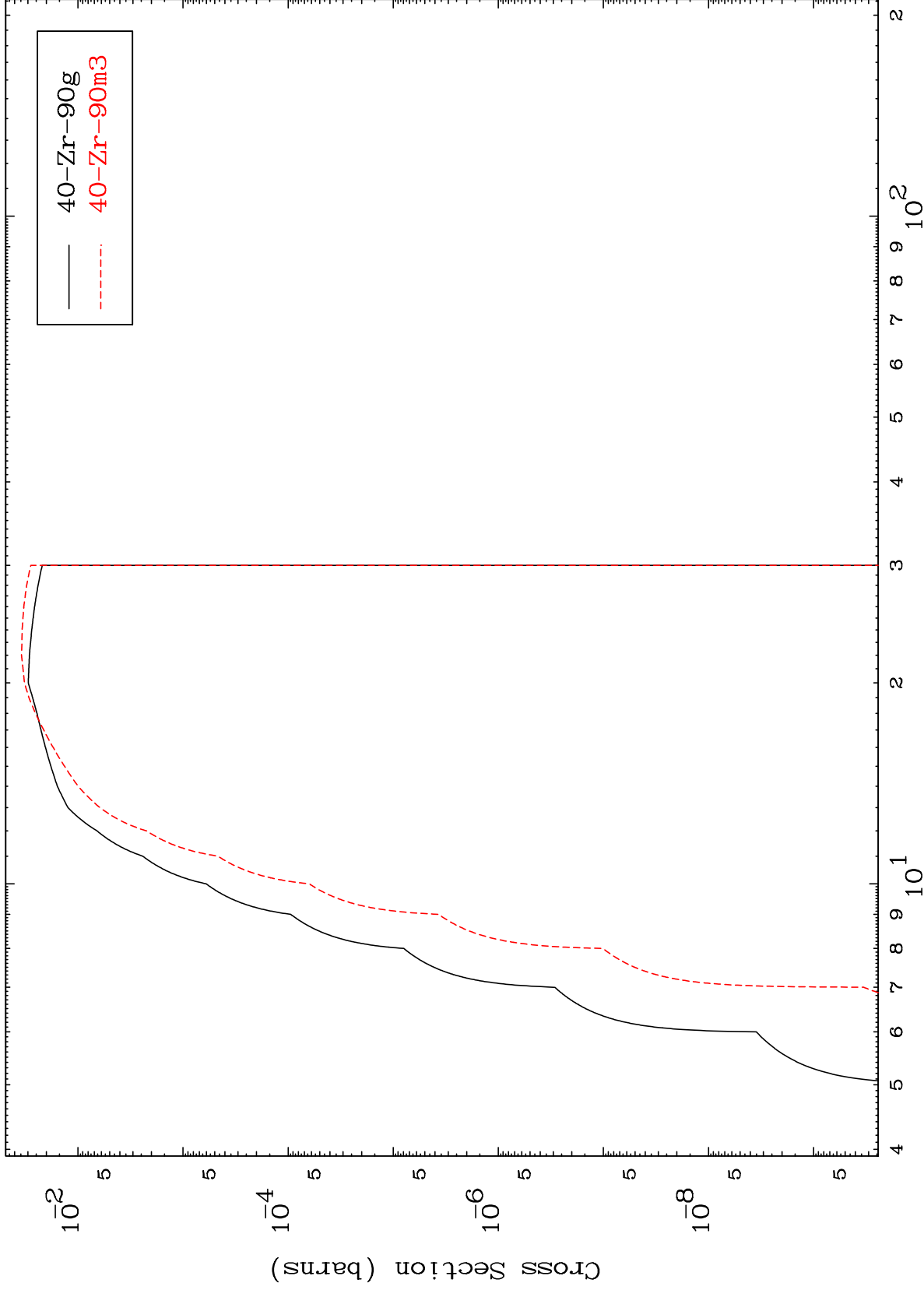
39-Y -90

MAT 3928

(He-3, n') d

39-Y -90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

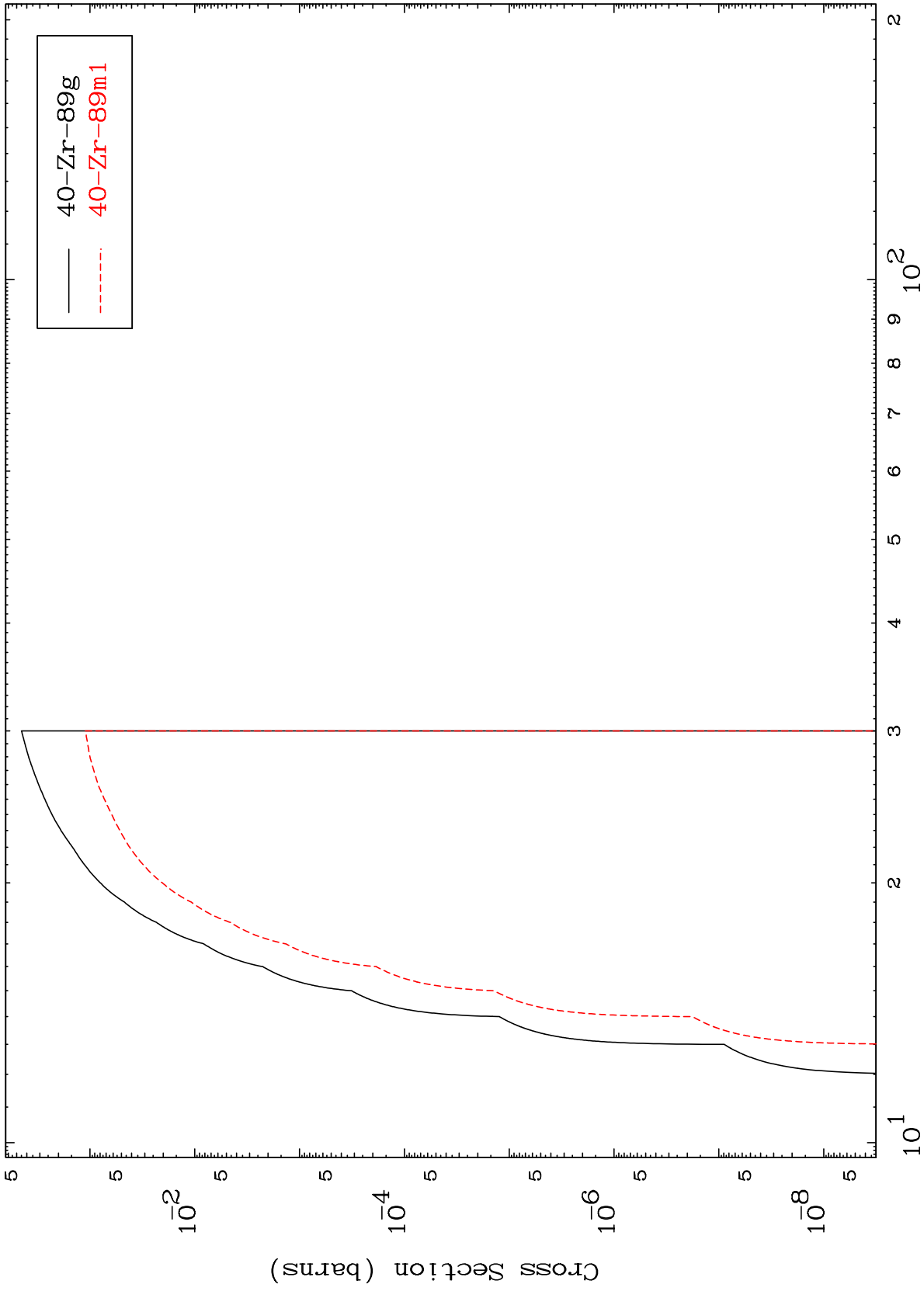
39-Y -90

MAT 3928

(He-3, n') t

39-Y -90

Radionuclide Production Cross Section



Incident Energy (MeV)

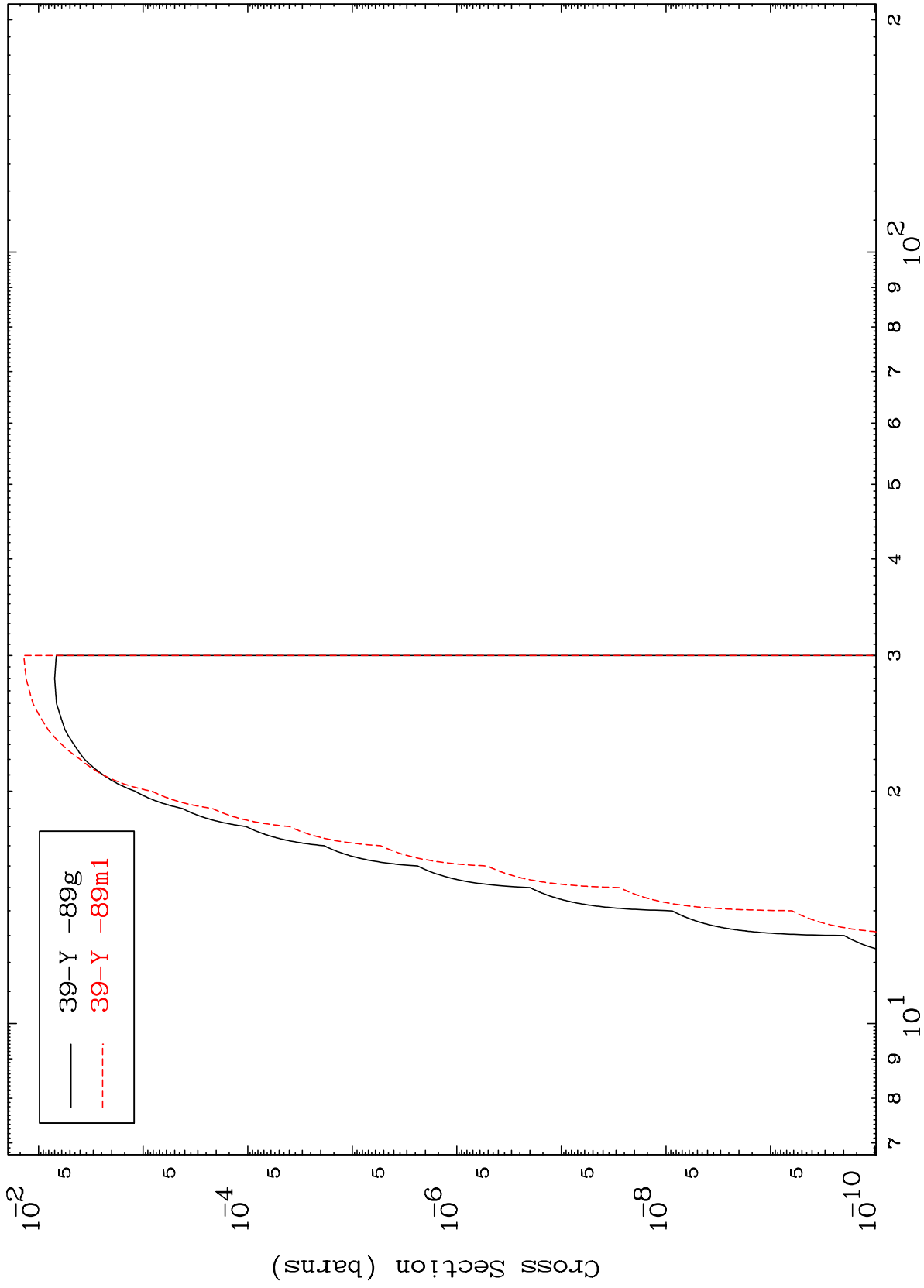
39-Y -90

MAT 3928

(He-3, n') He-3

39-Y -90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

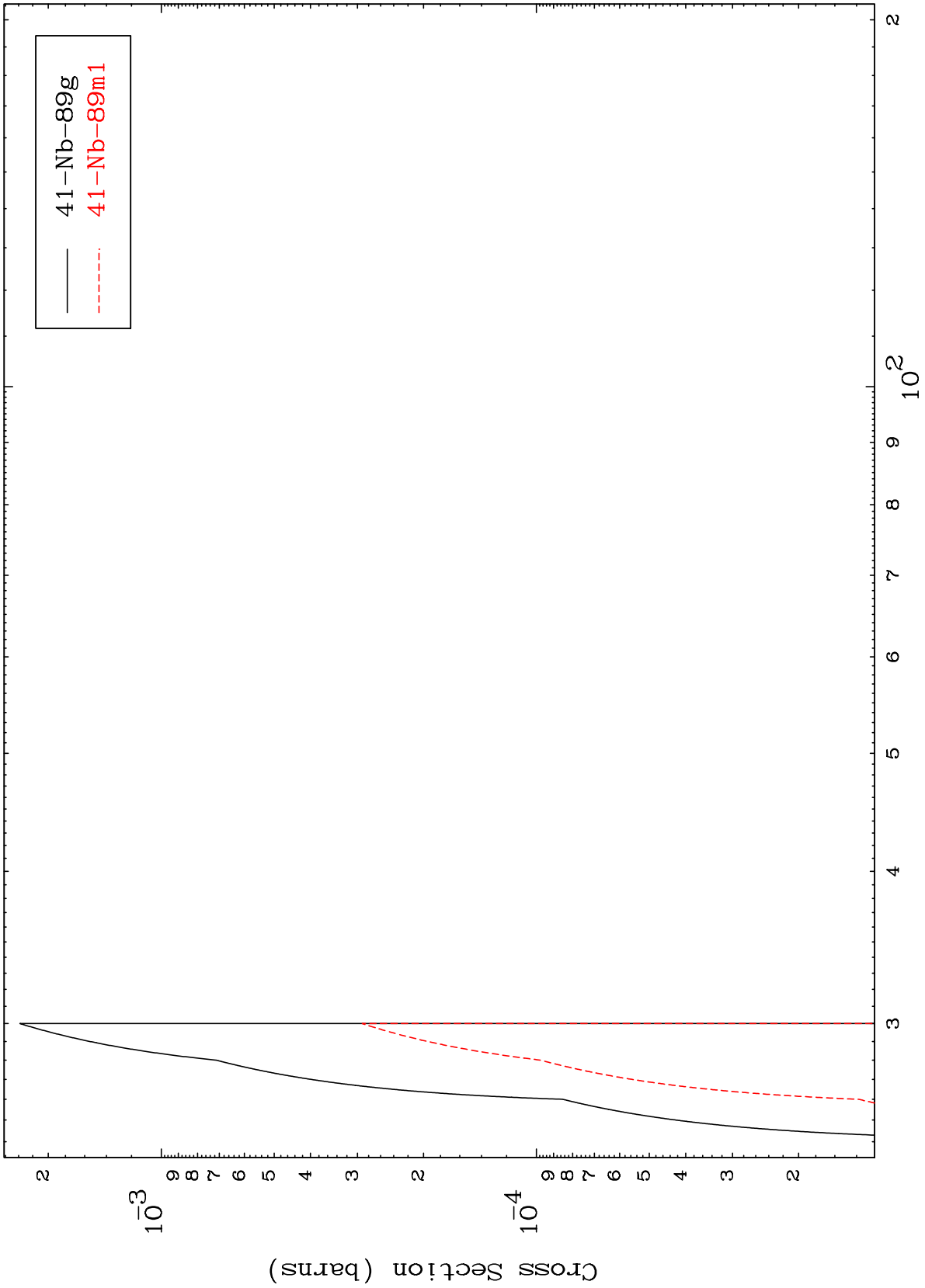
39-Y -90

MAT 3928

(He-3,4n)

39-Y -90

Radionuclide Production Cross Section



22

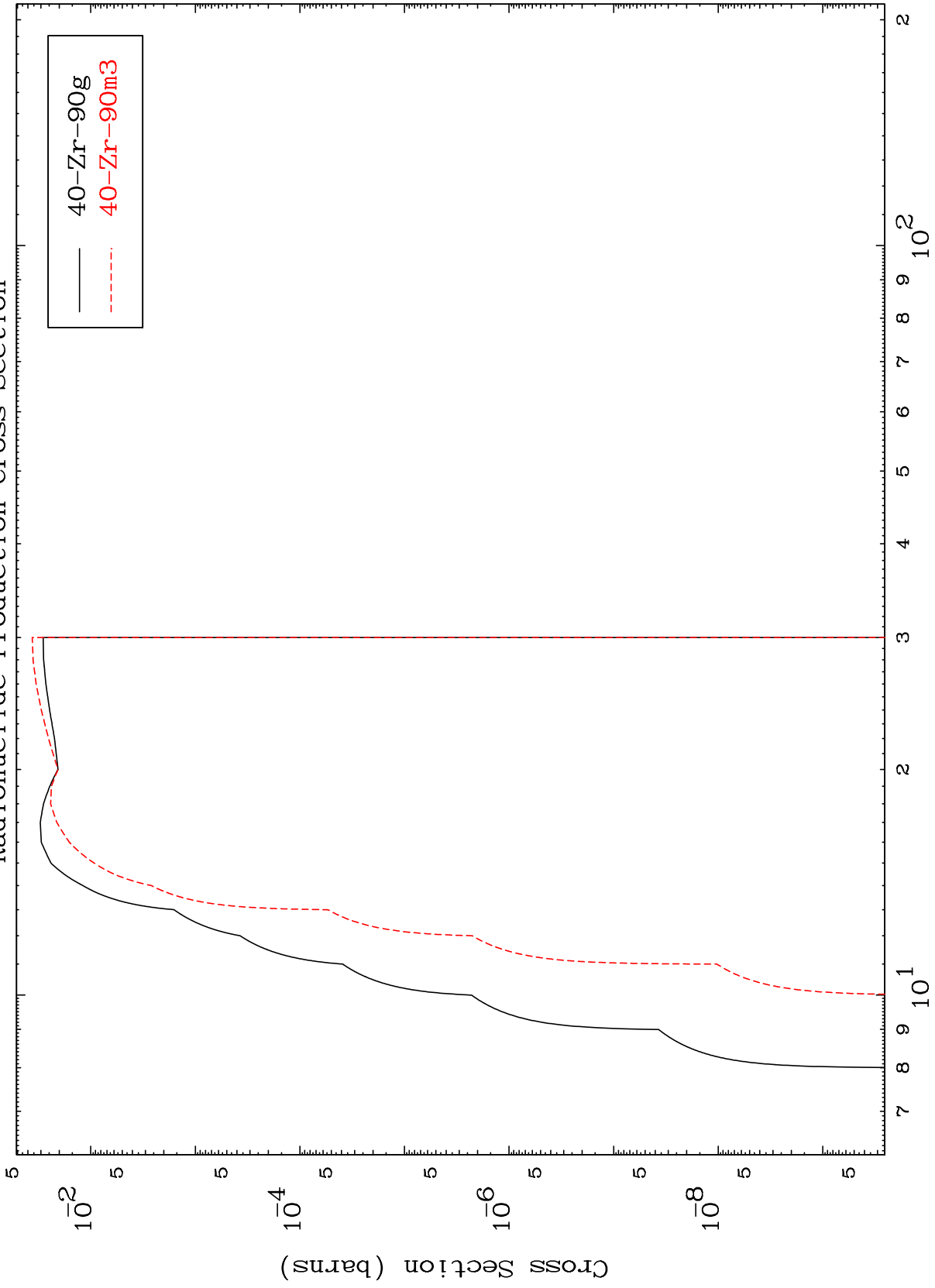
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(He-3,2n) p  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

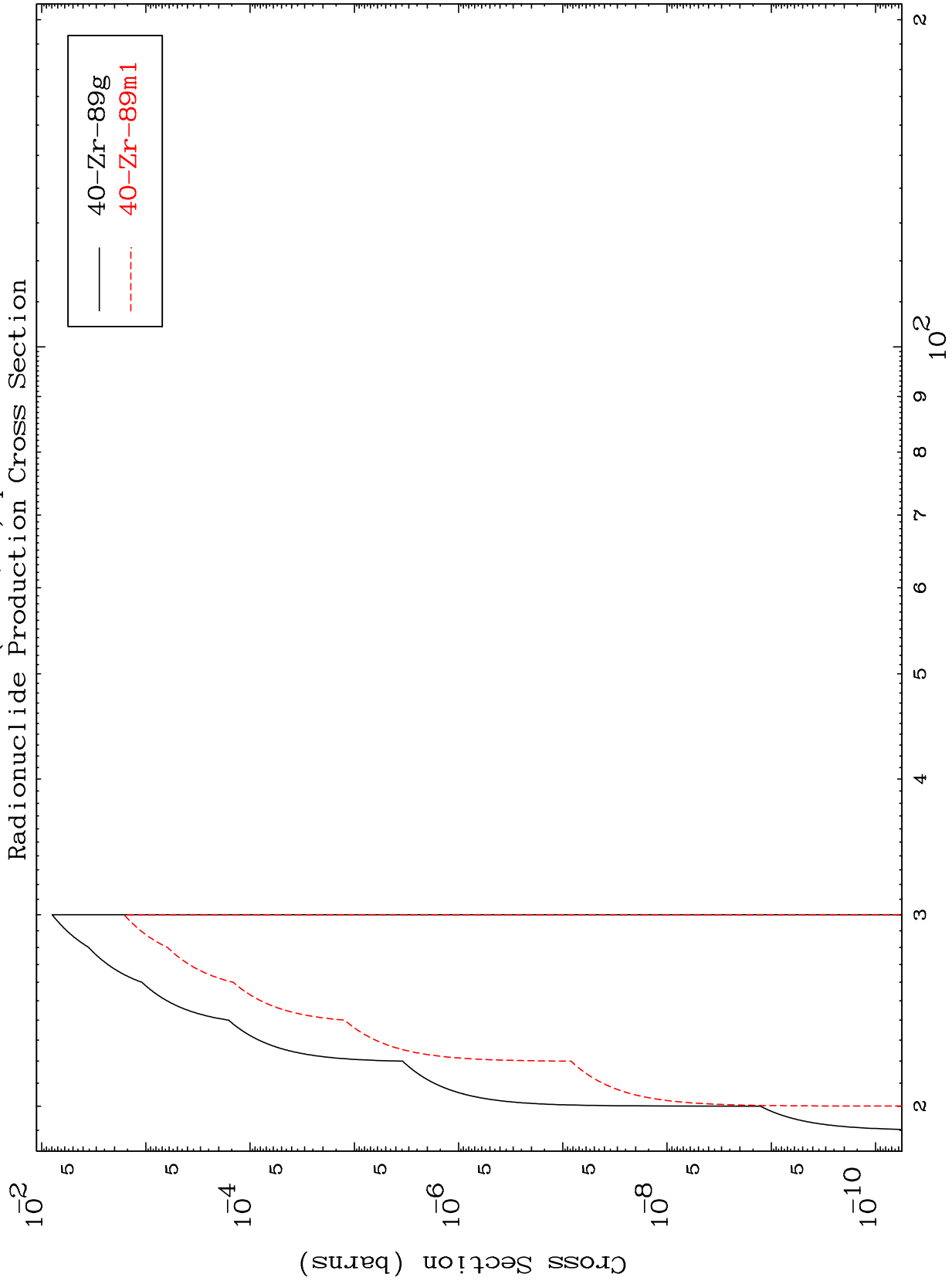
39-Y -90



MAT 3928

(He-3,3n) p

39-Y -90



24

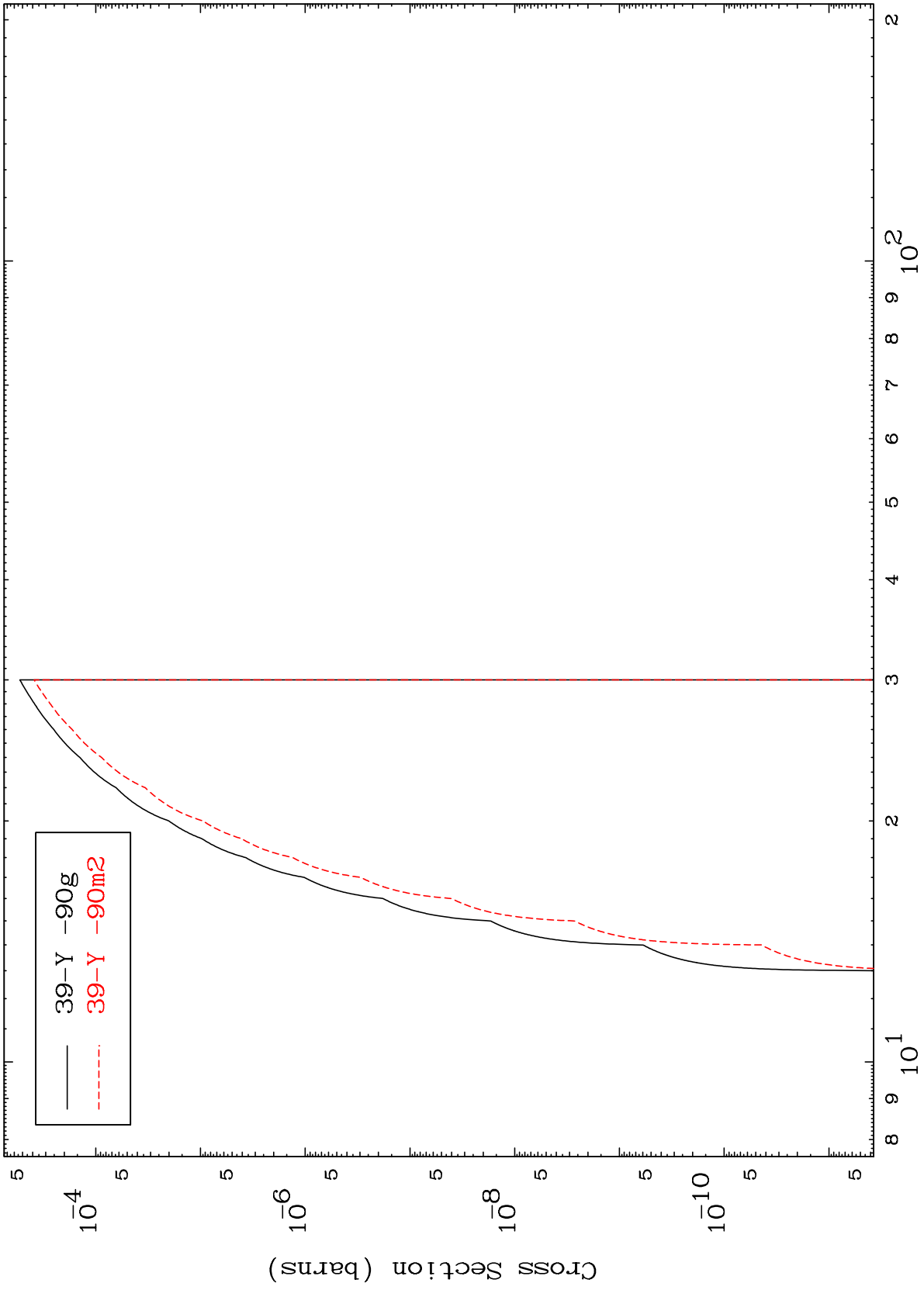
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(He-3,2n) p  
Radionuclide Production Cross Section



39-Y -90g  
39-Y -90m2

25

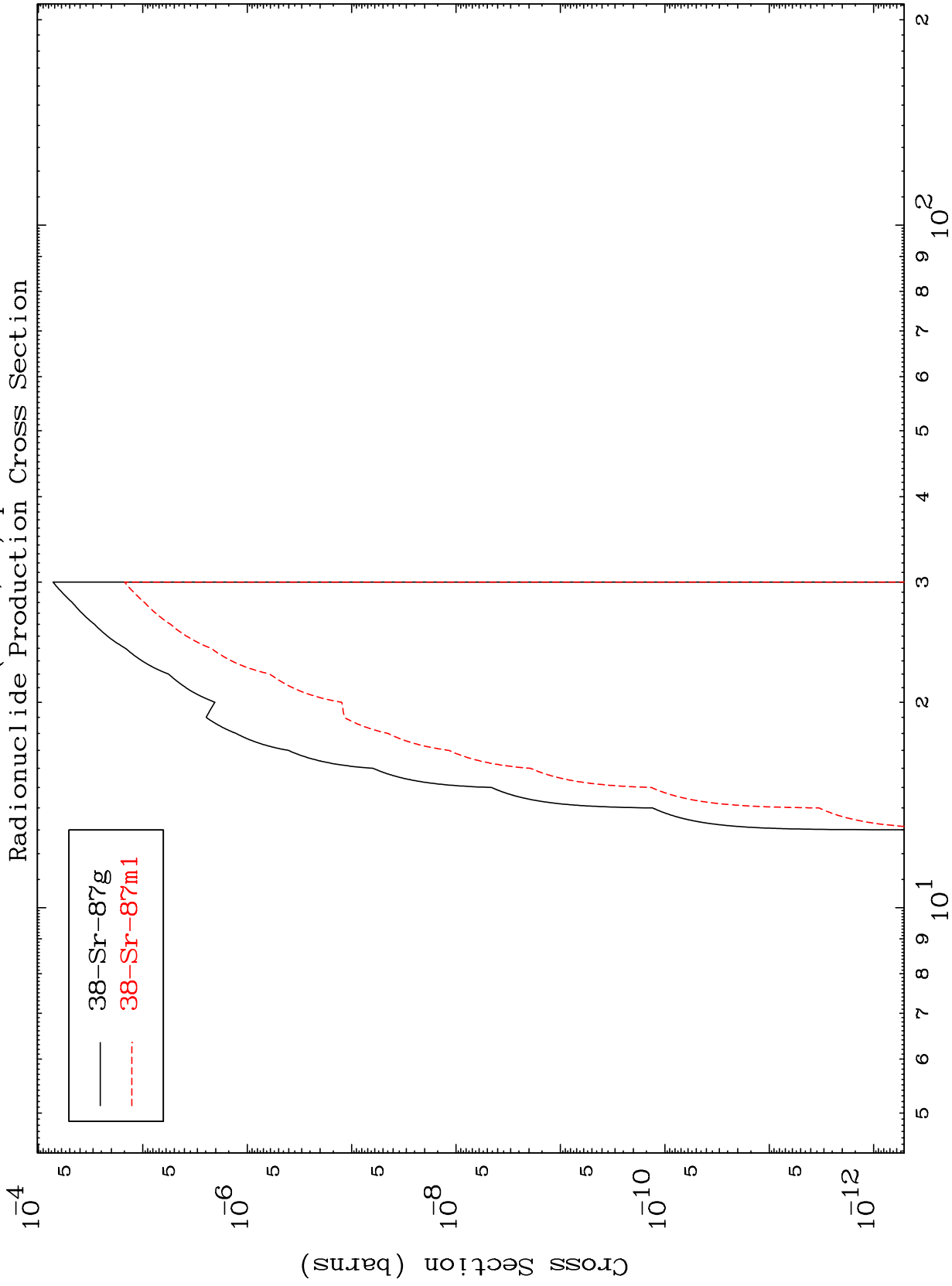
39-Y -90

Incident Energy (MeV)

MAT 3928

(He-3,n') p  $\alpha$

39-Y -90



26

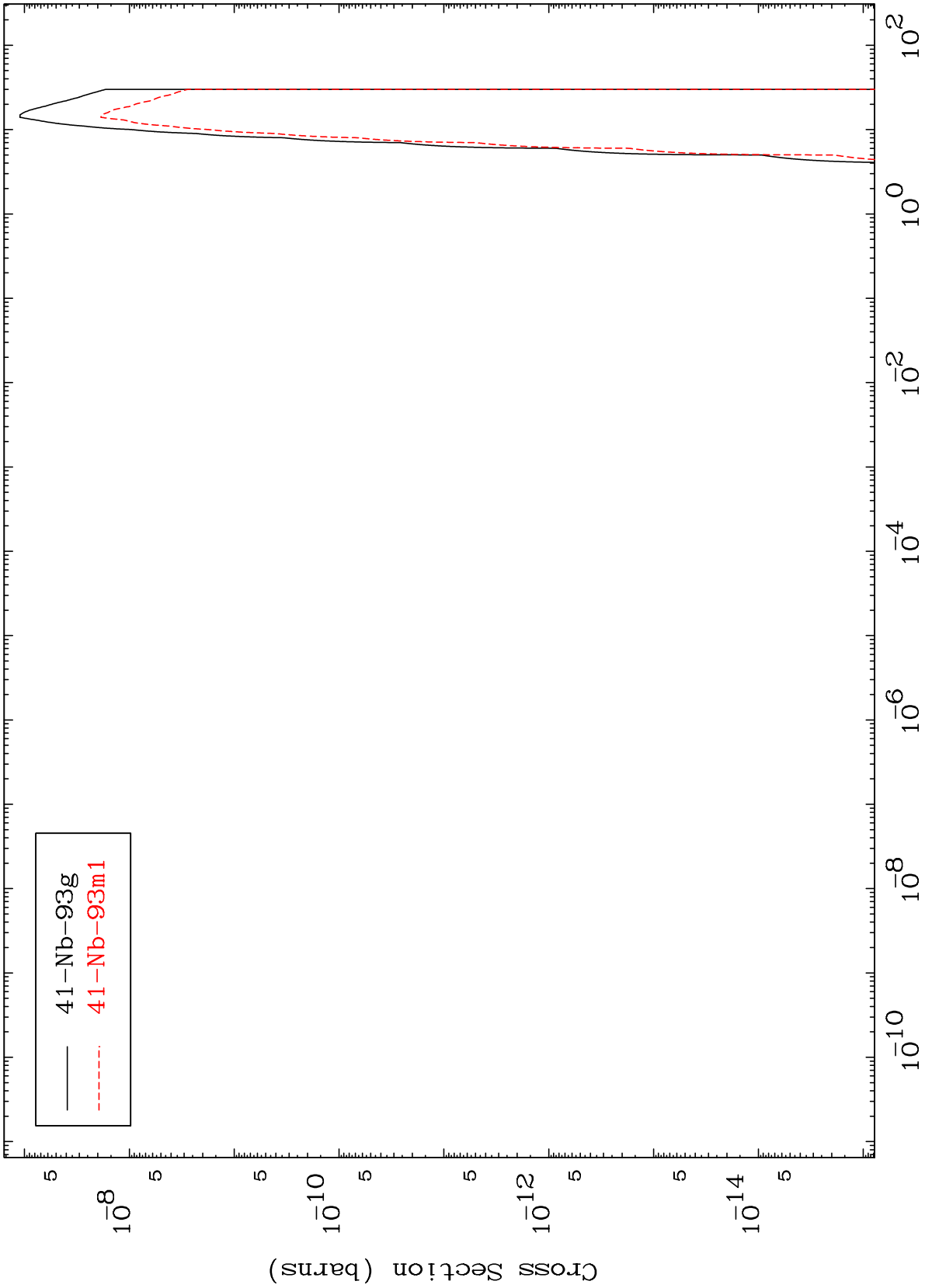
39-Y -90

MAT 3928

(He-3,  $\gamma$ )

39-Y -90

Radionuclide Production Cross Section



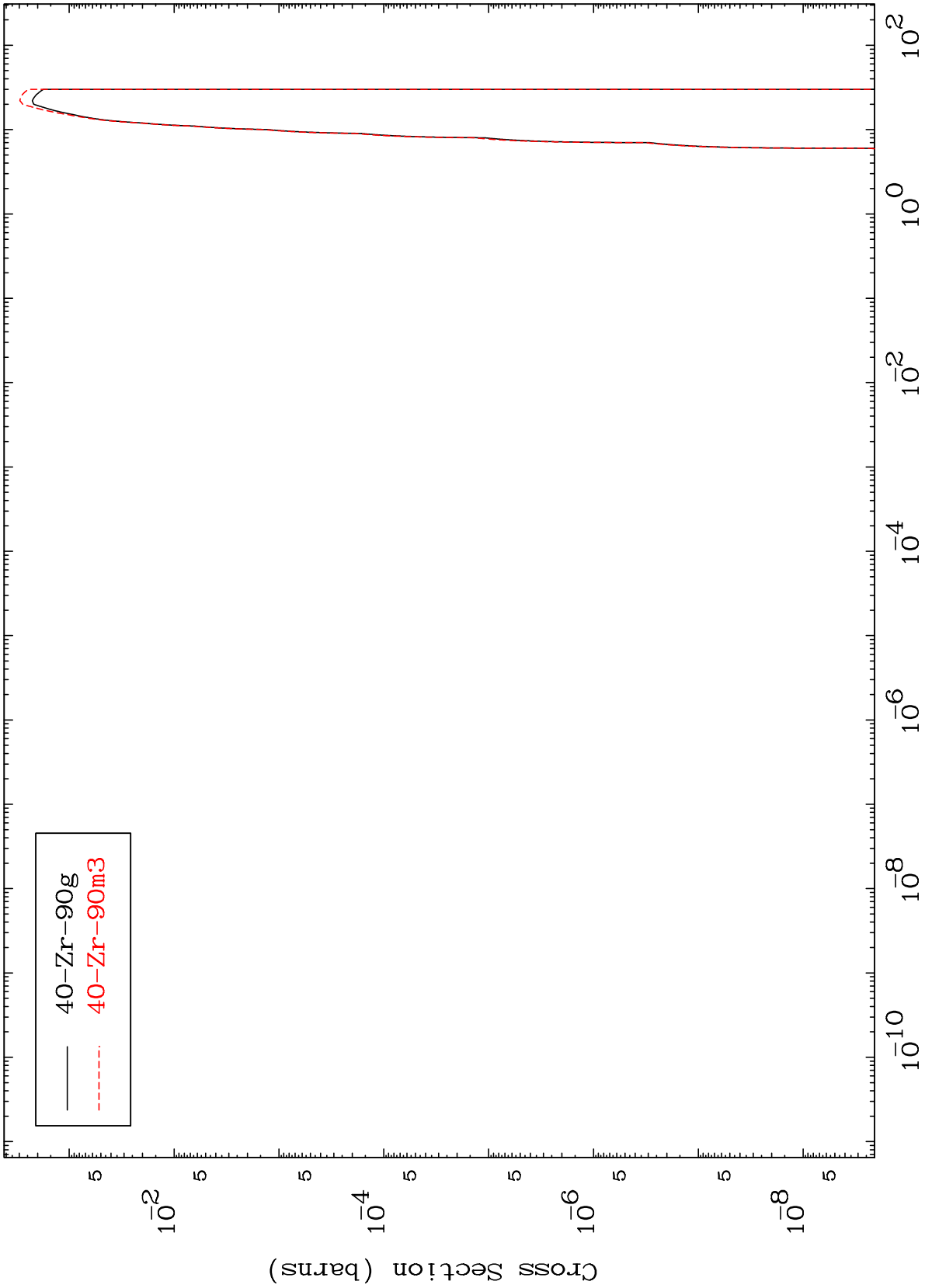
— 41-Nb-93g  
- - - 41-Nb-93m1

MAT 3928

(He-3, t)

39-Y -90

Radionuclide Production Cross Section



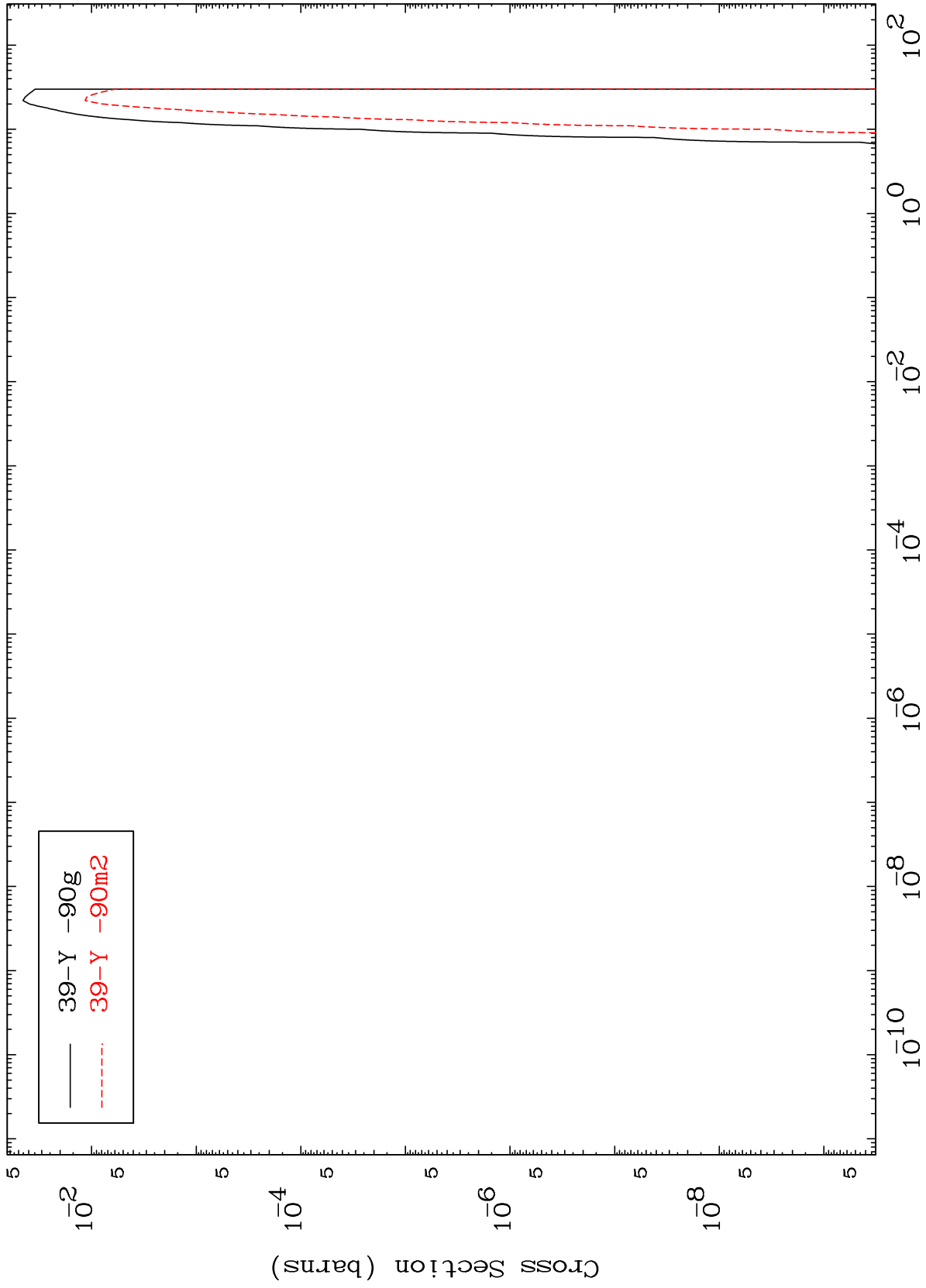
— 40-Zr-90g  
- - - 40-Zr-90m3

MAT 3928

(He-3, He-3)

39-Y -90

Radionuclide Production Cross Section



39-Y -90g  
39-Y -90m2

29

Incident Energy (MeV)

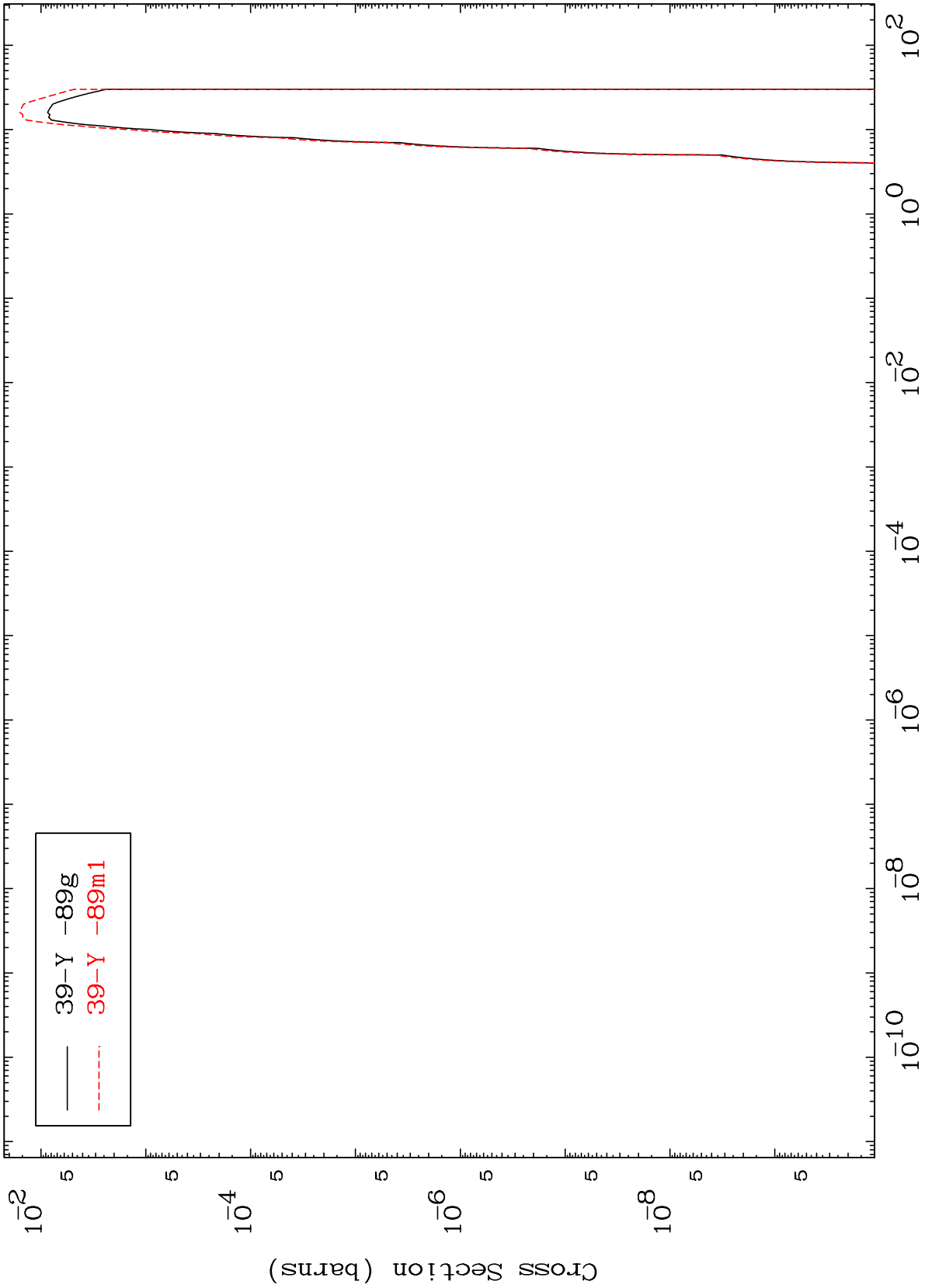
39-Y -90

MAT 3928

(He-3,  $\alpha$ )

39-Y -90

Radionuclide Production Cross Section



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

30

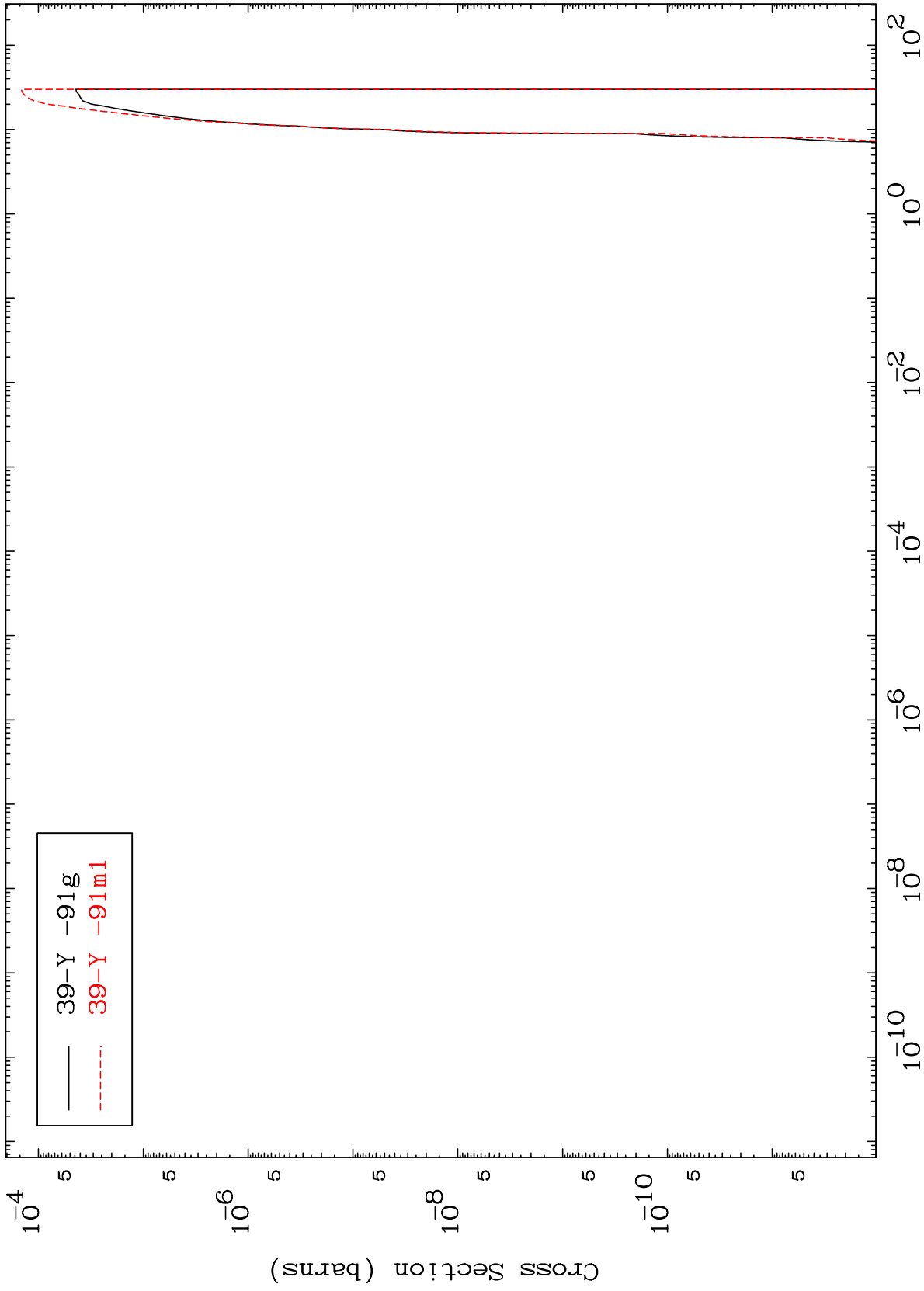
39-Y -90

MAT 3928

(He-3,2p)

39-Y -90

Radionuclide Production Cross Section



39-Y -91g  
39-Y -91m1

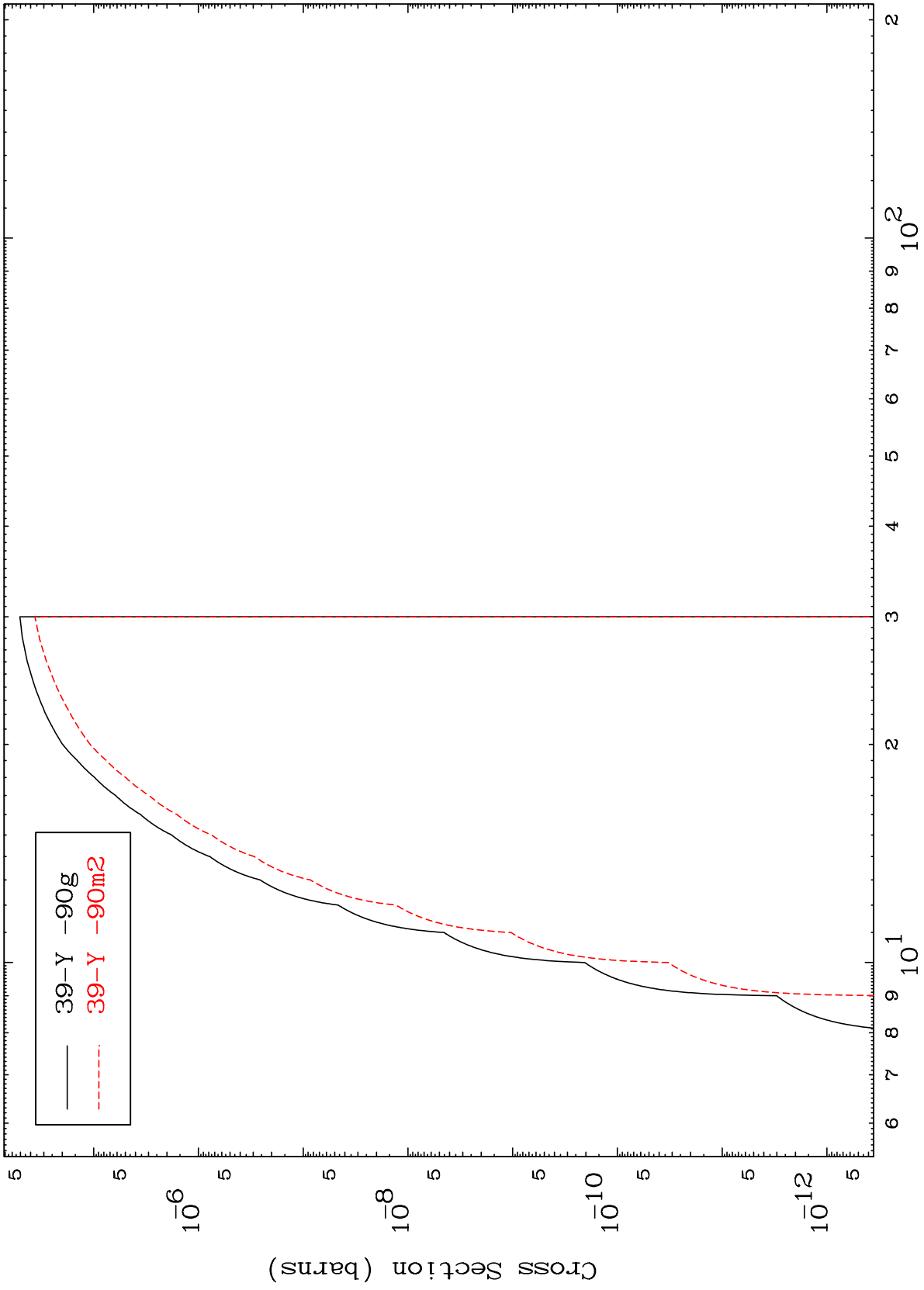


MAT 3928

(He-3,p) d

39-Y -90

Radionuclide Production Cross Section



32

Incident Energy (MeV)

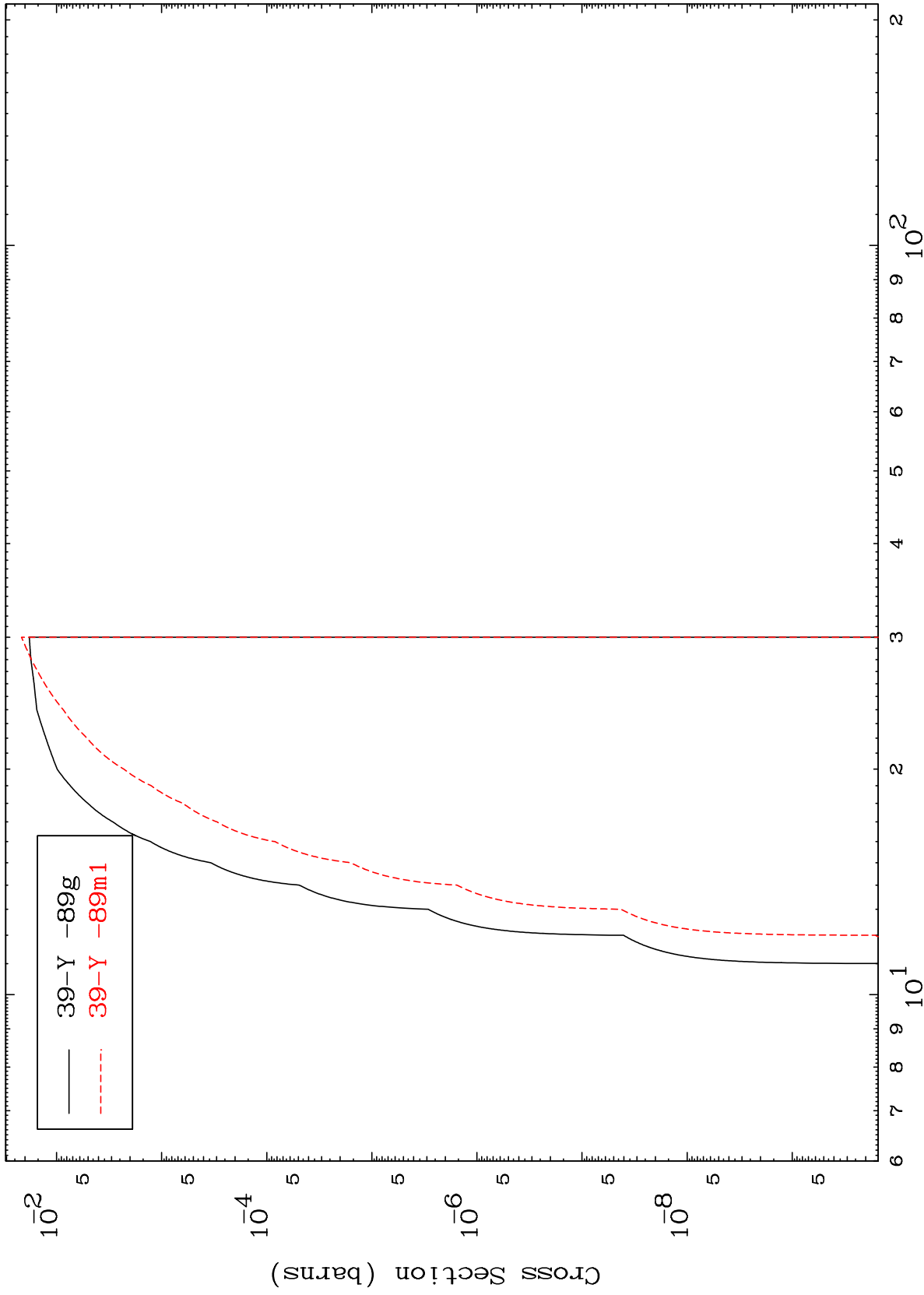
39-Y -90

MAT 3928

(He-3,p) t

39-Y -90

Radionuclide Production Cross Section



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

33

Incident Energy (MeV)

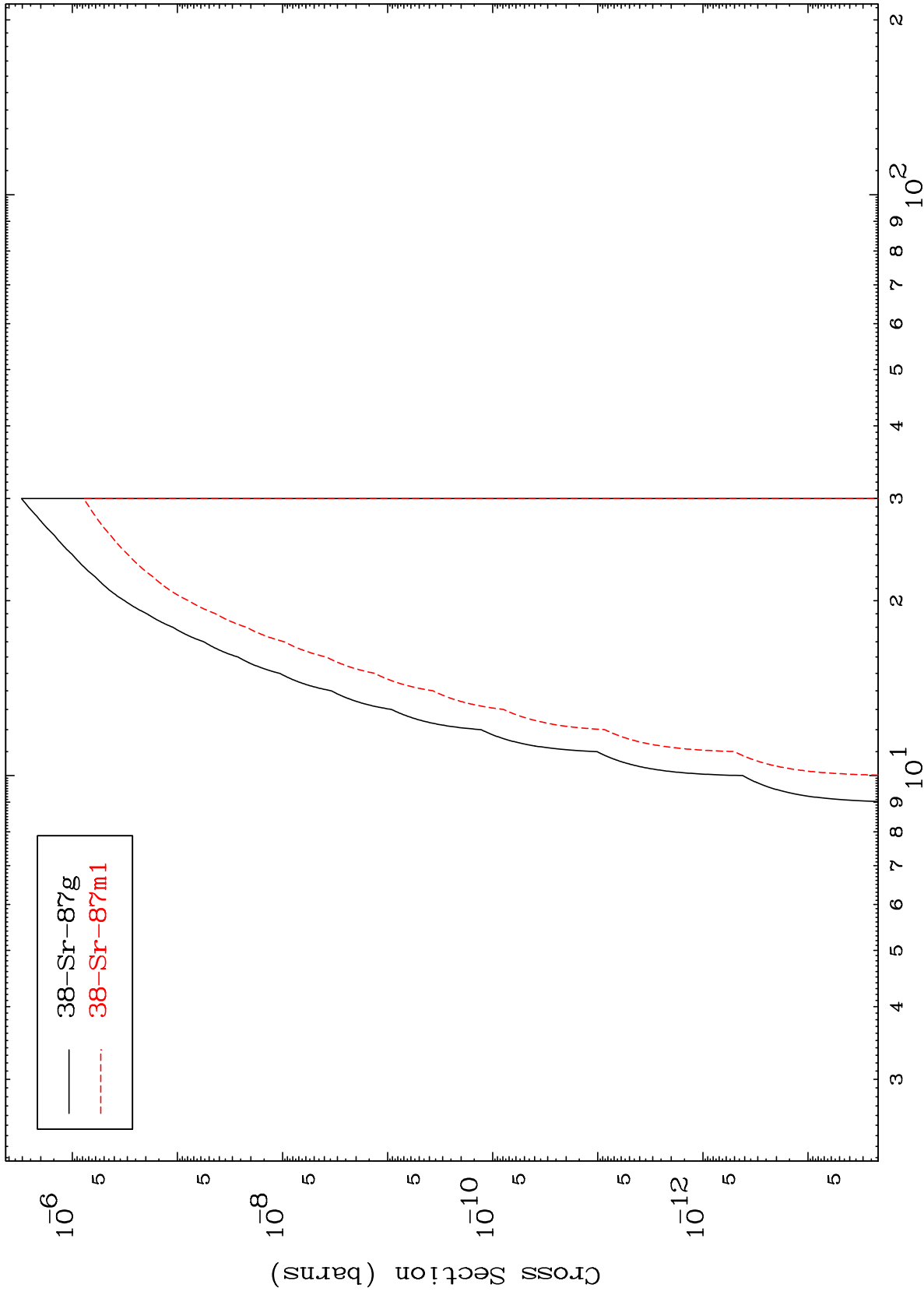
39-Y -90

MAT 3928

(He-3,d)  $\alpha$

39-Y -90

Radionuclide Production Cross Section



34

Incident Energy (MeV)

39-Y -90