

Program EVALPLOT
(Version 2018-1)

by

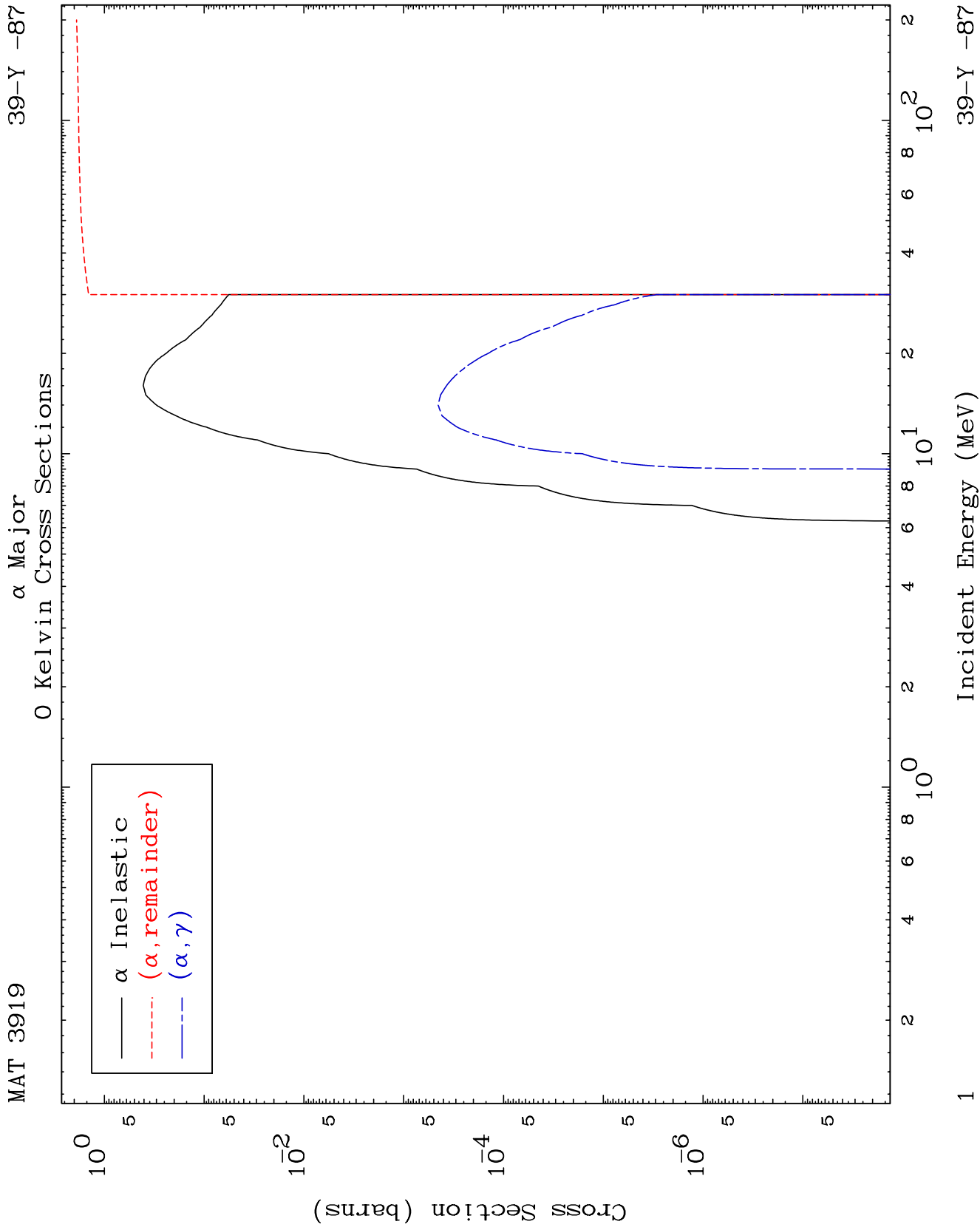
Dermott E. Cullen
(Present Contact Information)

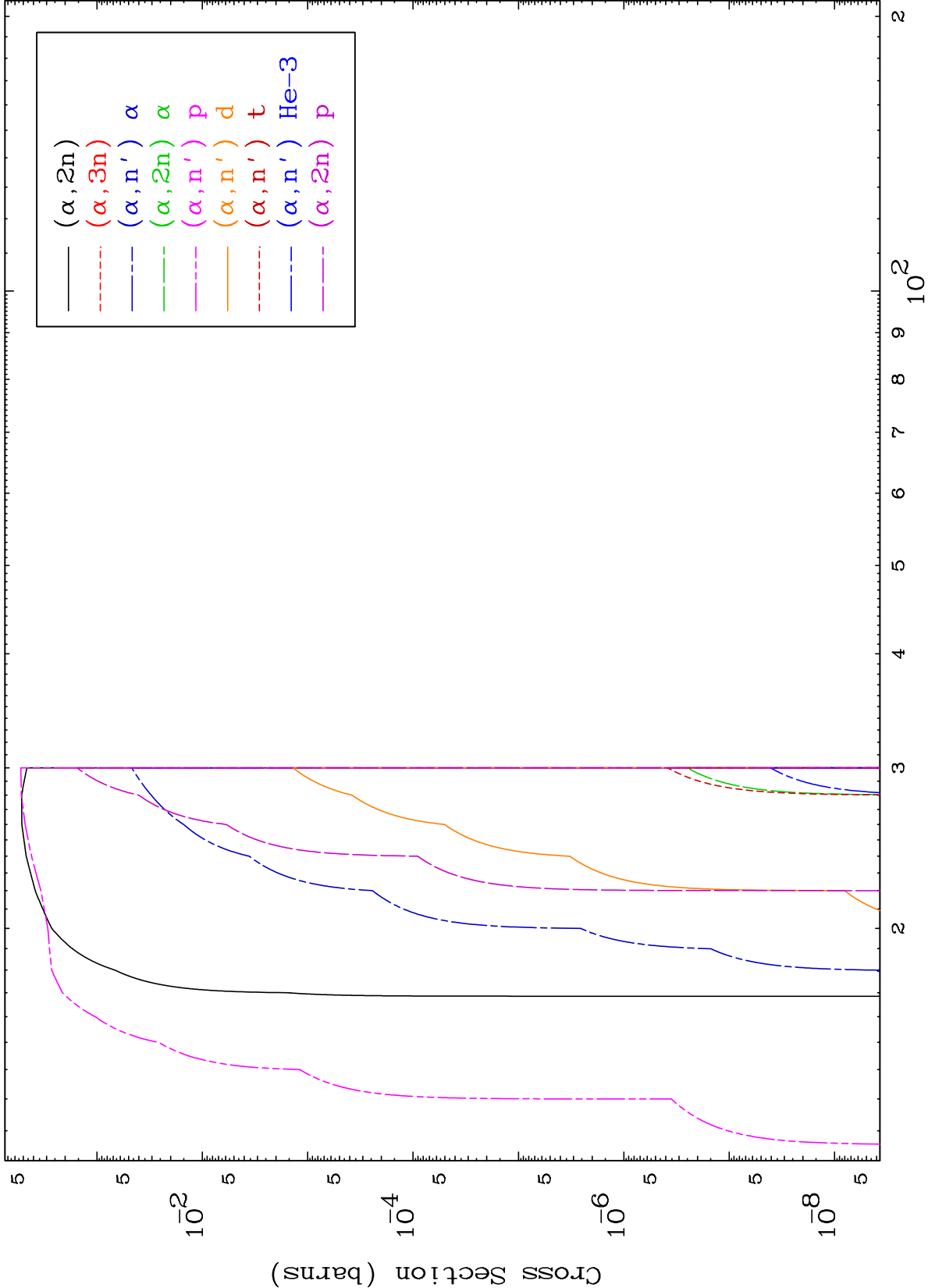
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

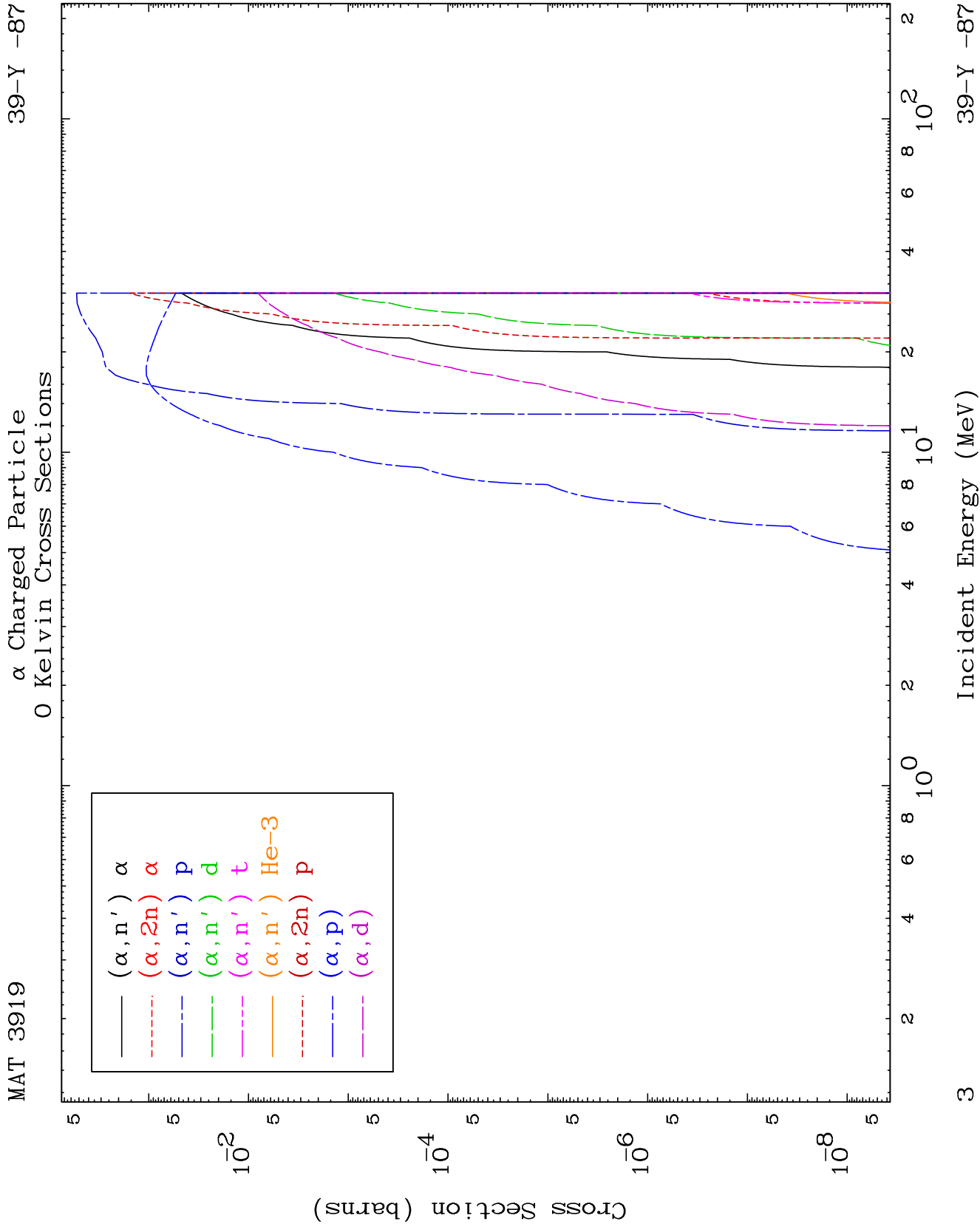
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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Press Mouse Button to Start





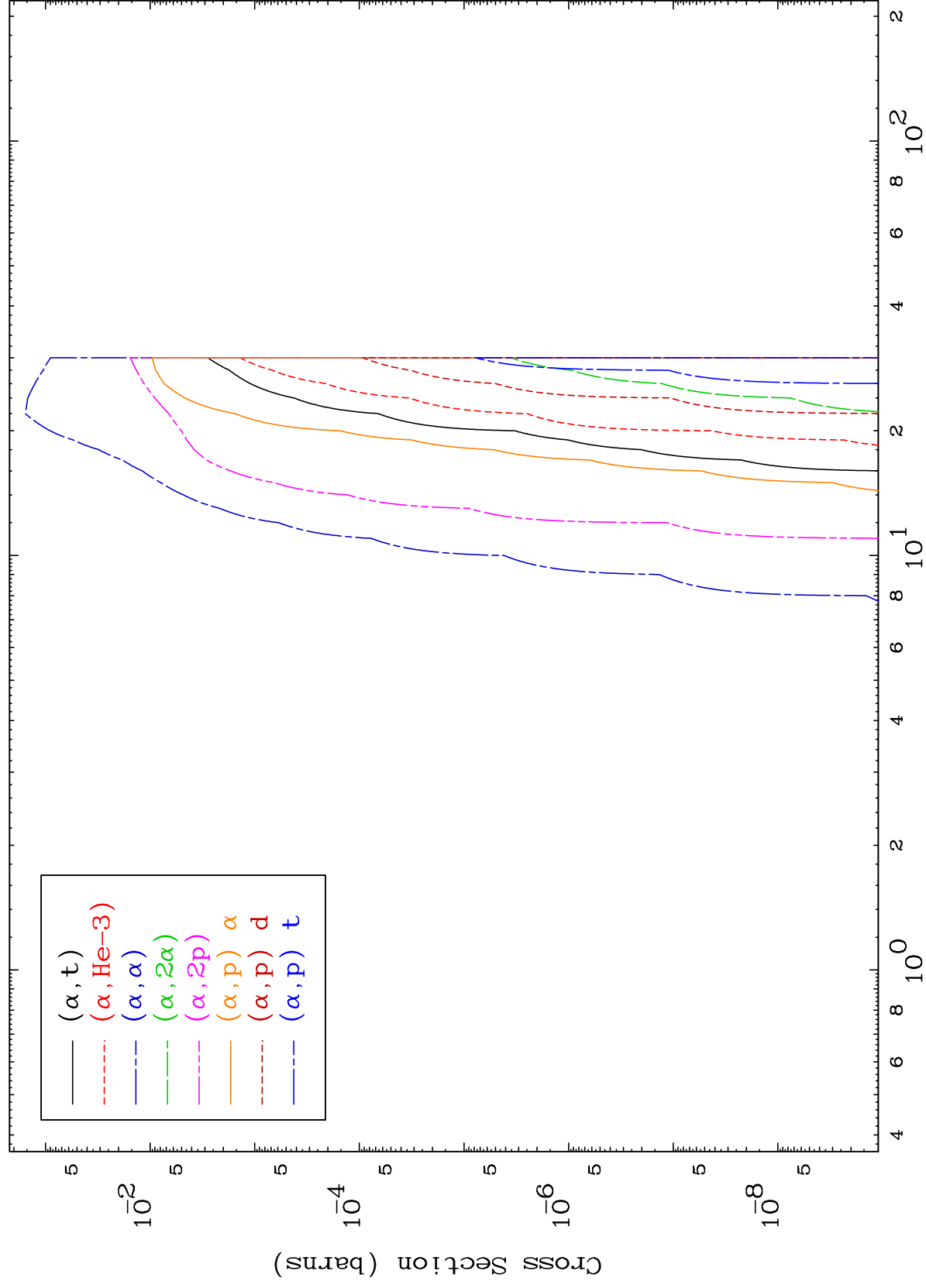


MAT 3919

 α Charged Particle

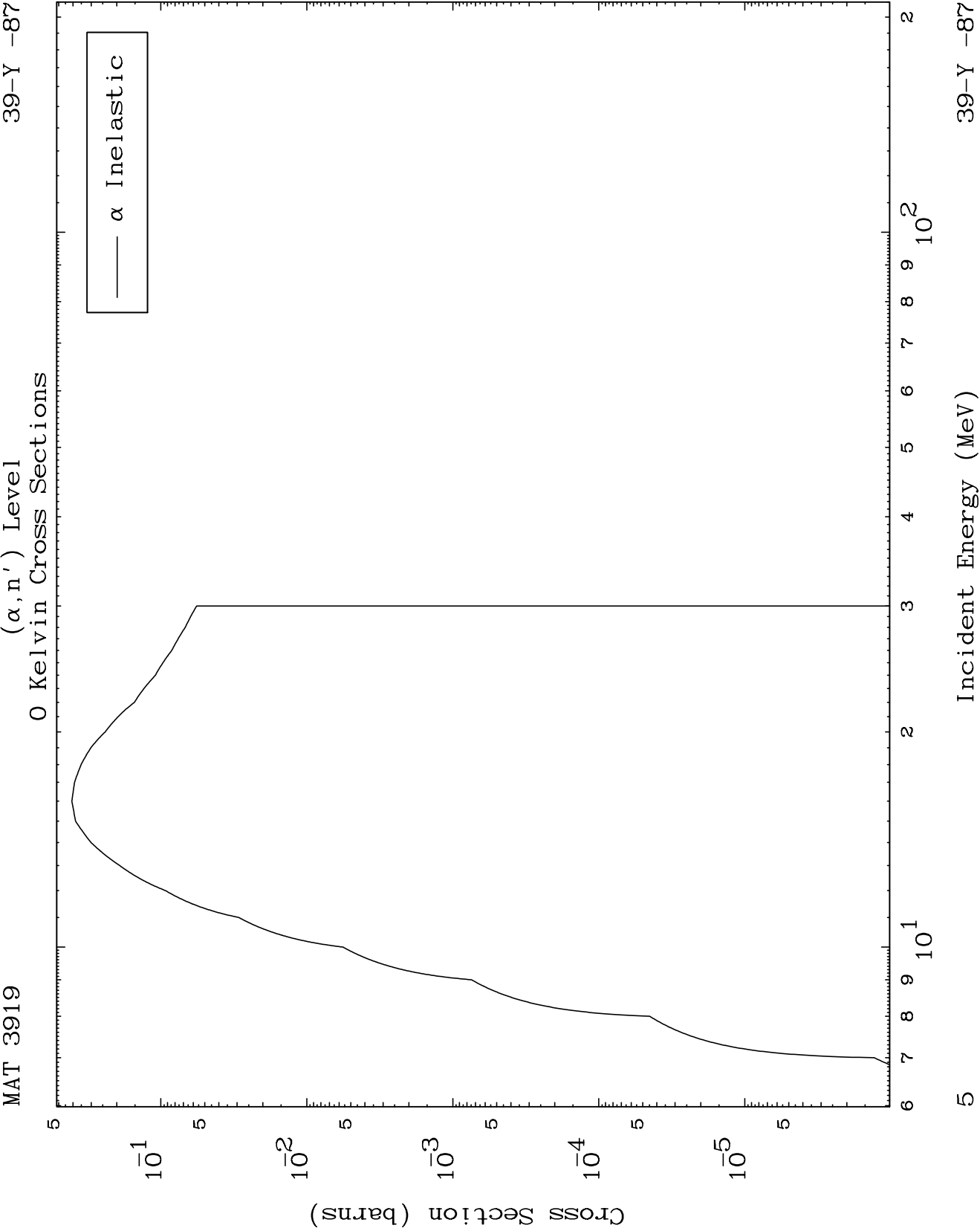
0 Kelvin Cross Sections

39-Y-87



Incident Energy (MeV)

39-Y -87

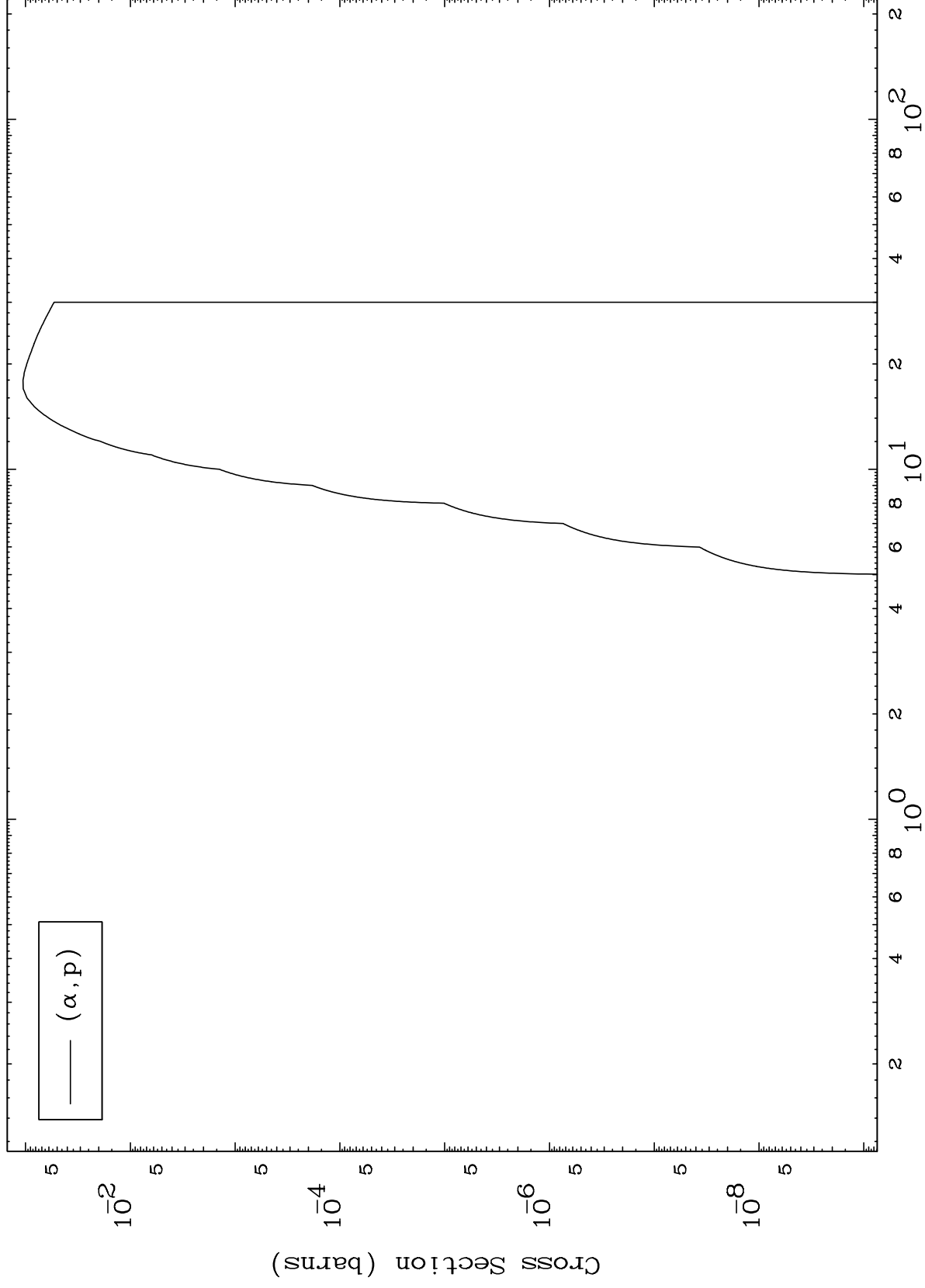


MAT 3919

(α ,p) Levels

39-Y -87

0 Kelvin Cross Sections

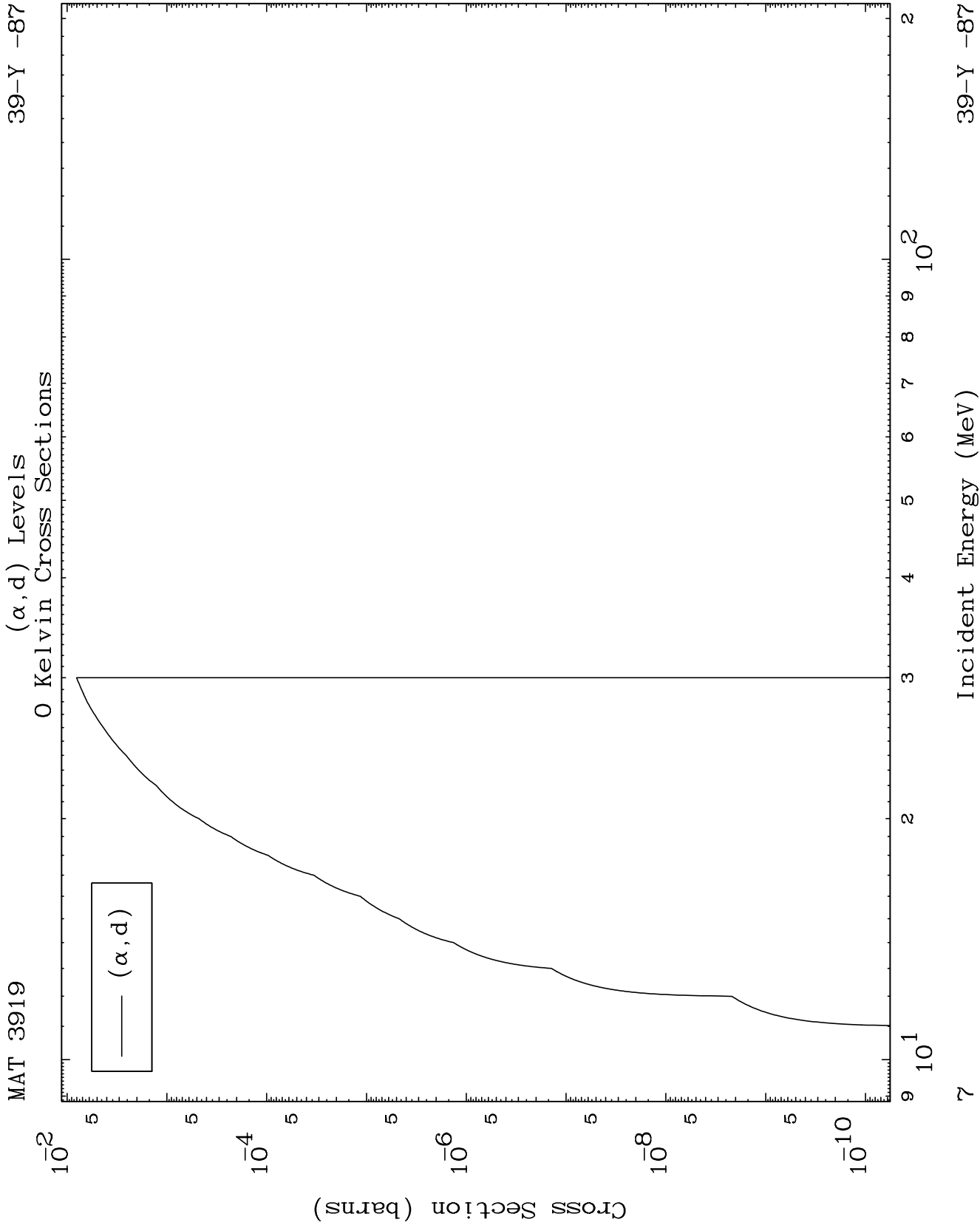


— (α ,p)

6

Incident Energy (MeV)

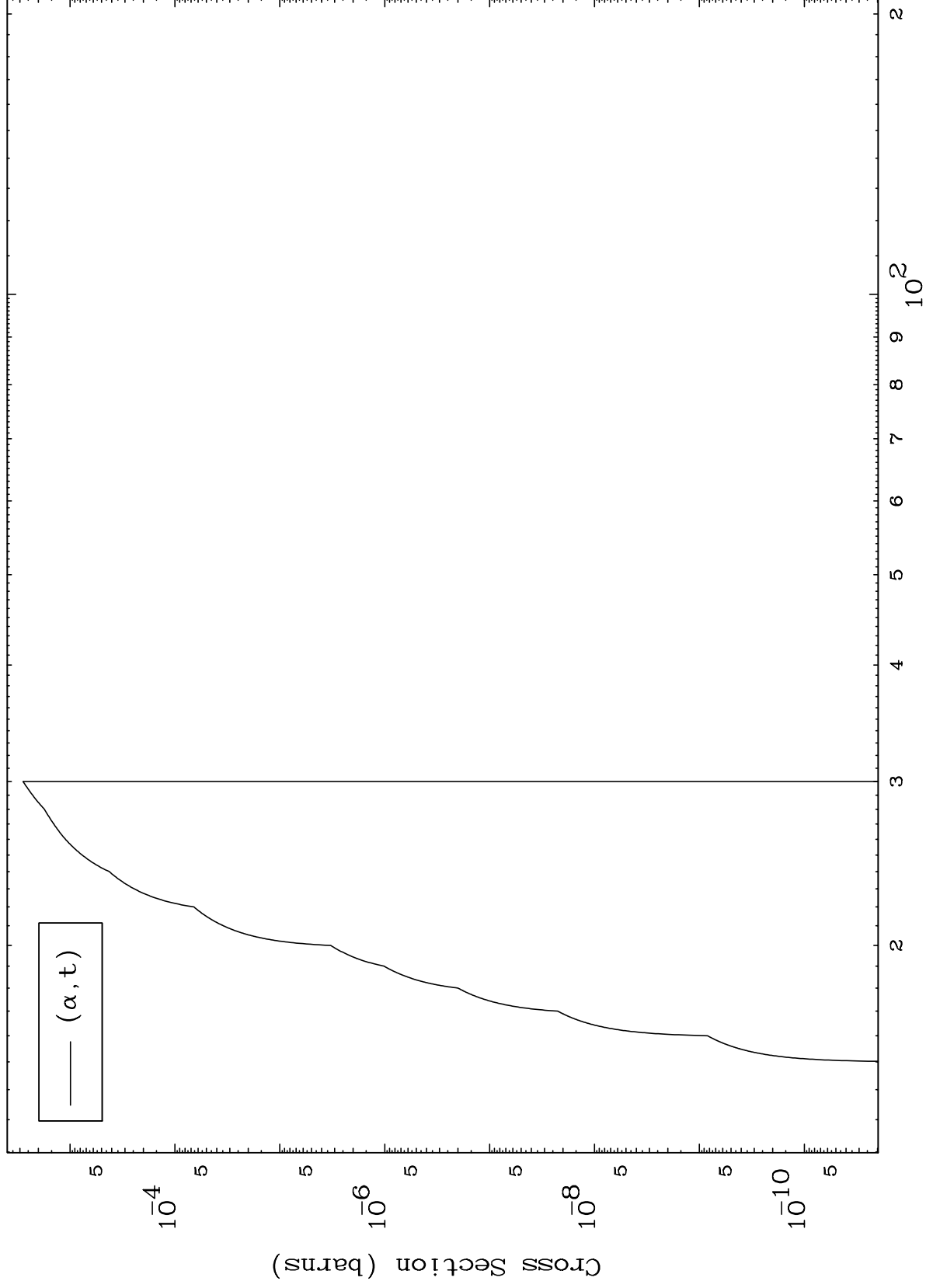
39-Y -87



MAT 3919

39-Y -87

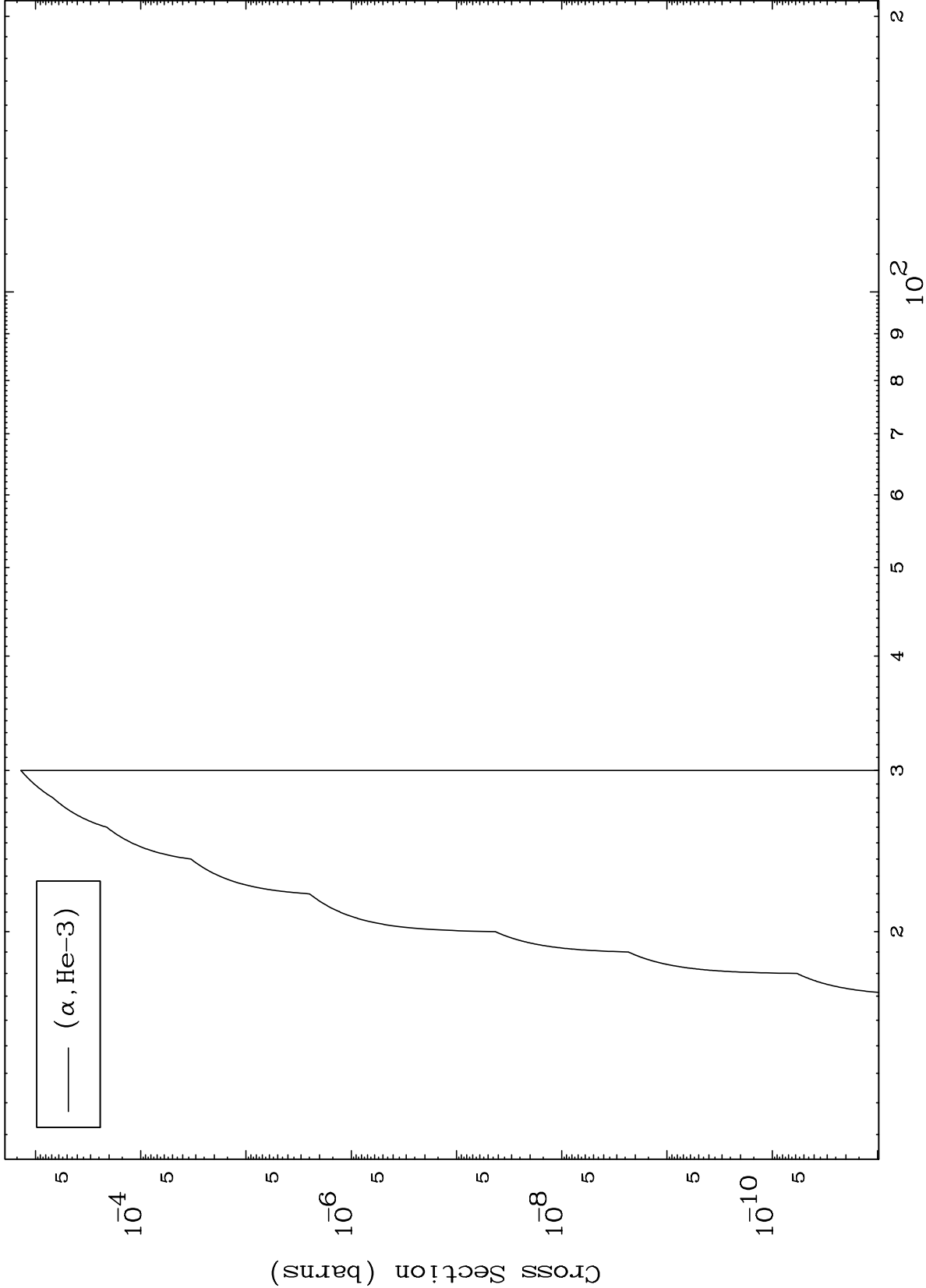
(α, t) Levels
0 Kelvin Cross Sections

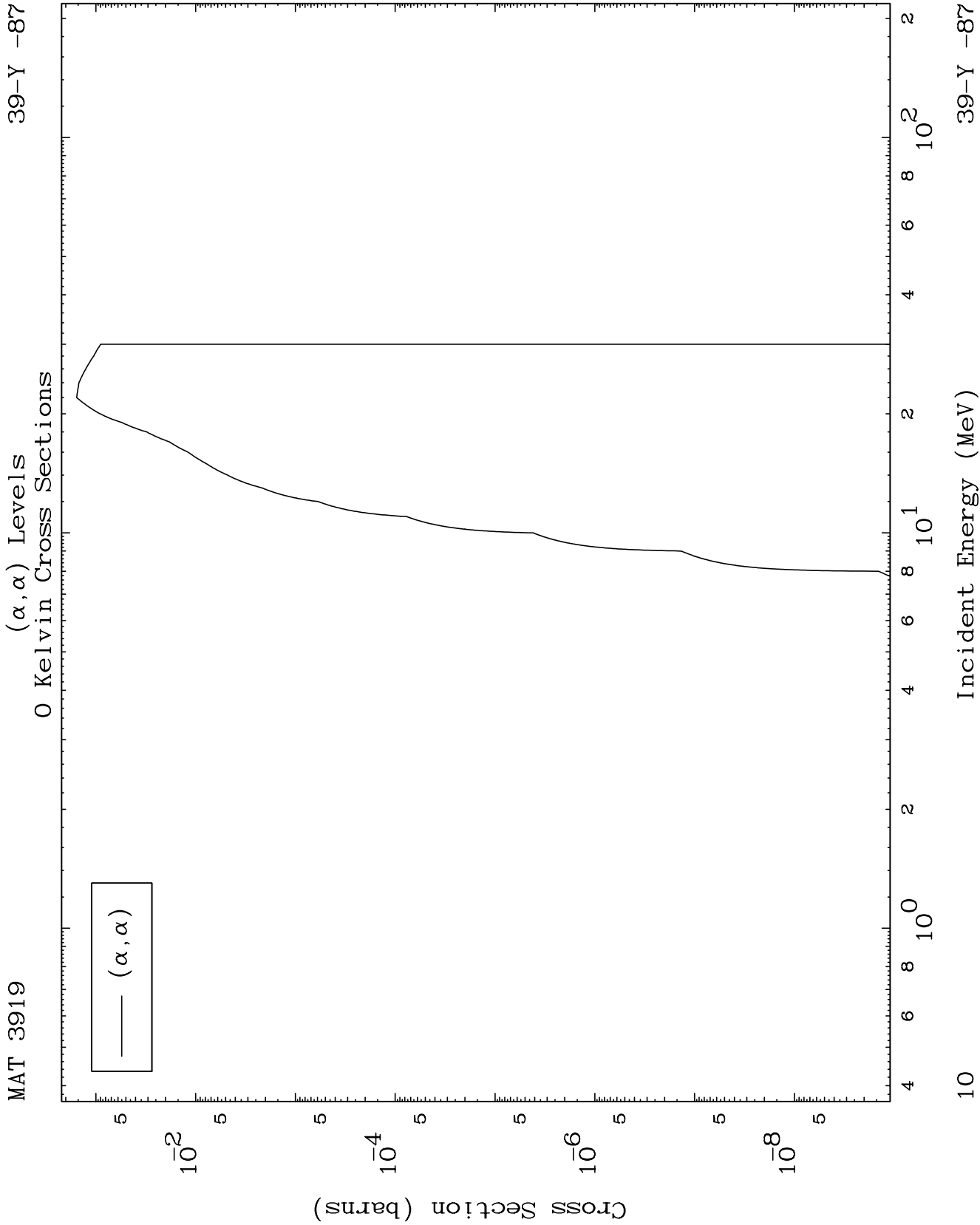


39-Y -87

Incident Energy (MeV)

8

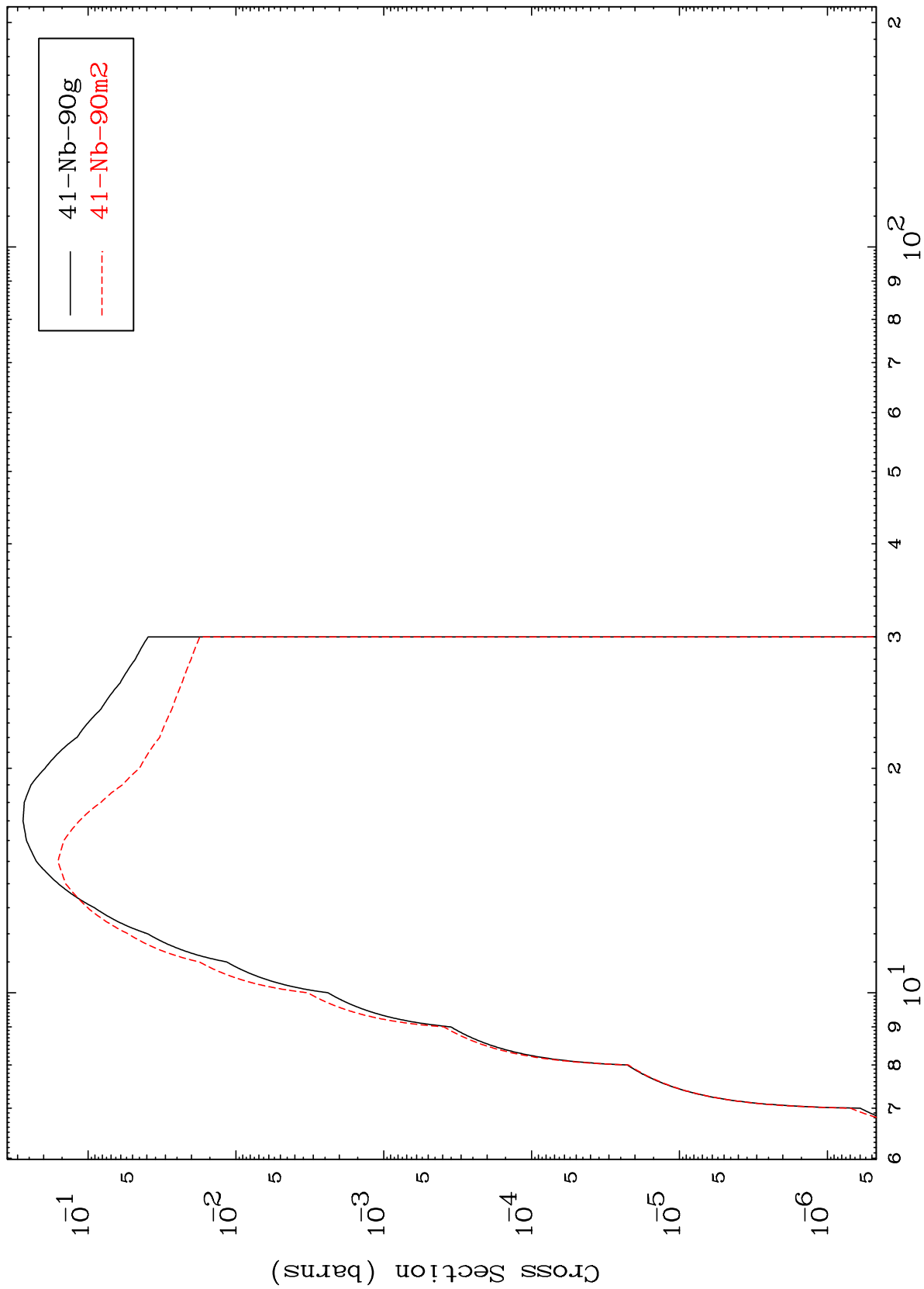




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39-Y -87

α Inelastic
Radionuclide Production Cross Section



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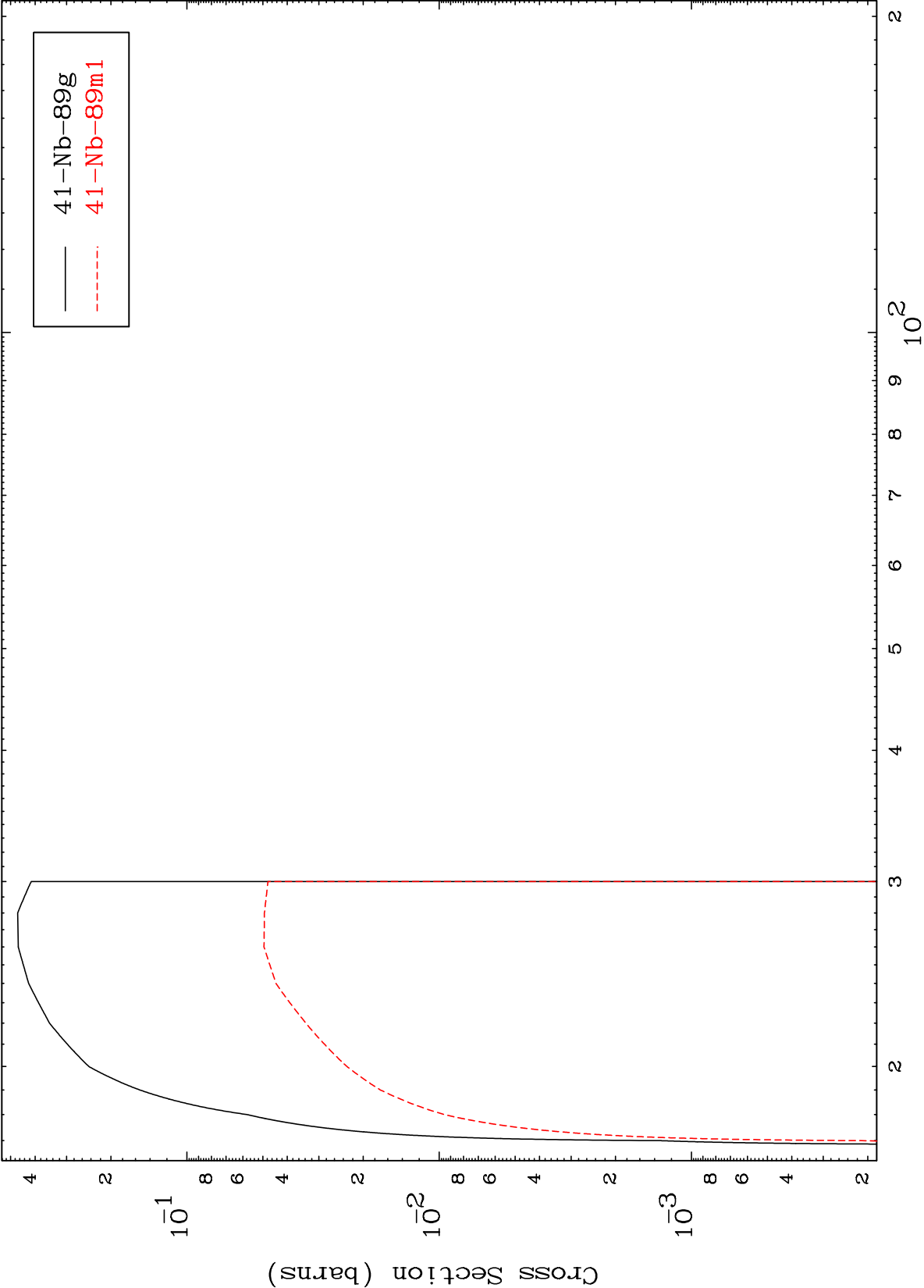
Incident Energy (MeV)

39-Y -87

MAT 3919

39-Y -87

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



12

Incident Energy (MeV)

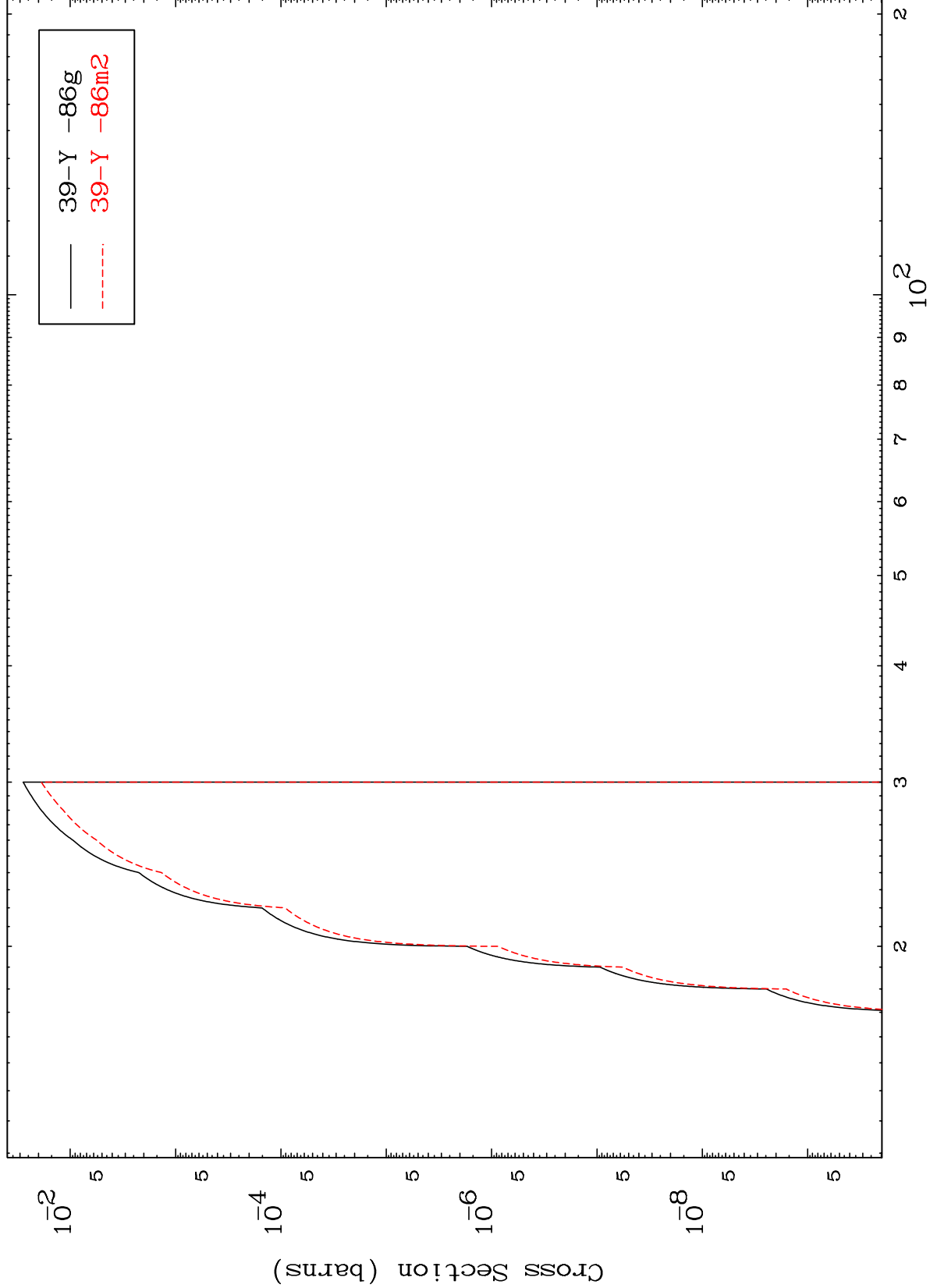
39-Y -87

MAT 3919

(α, n') α

39-Y -87

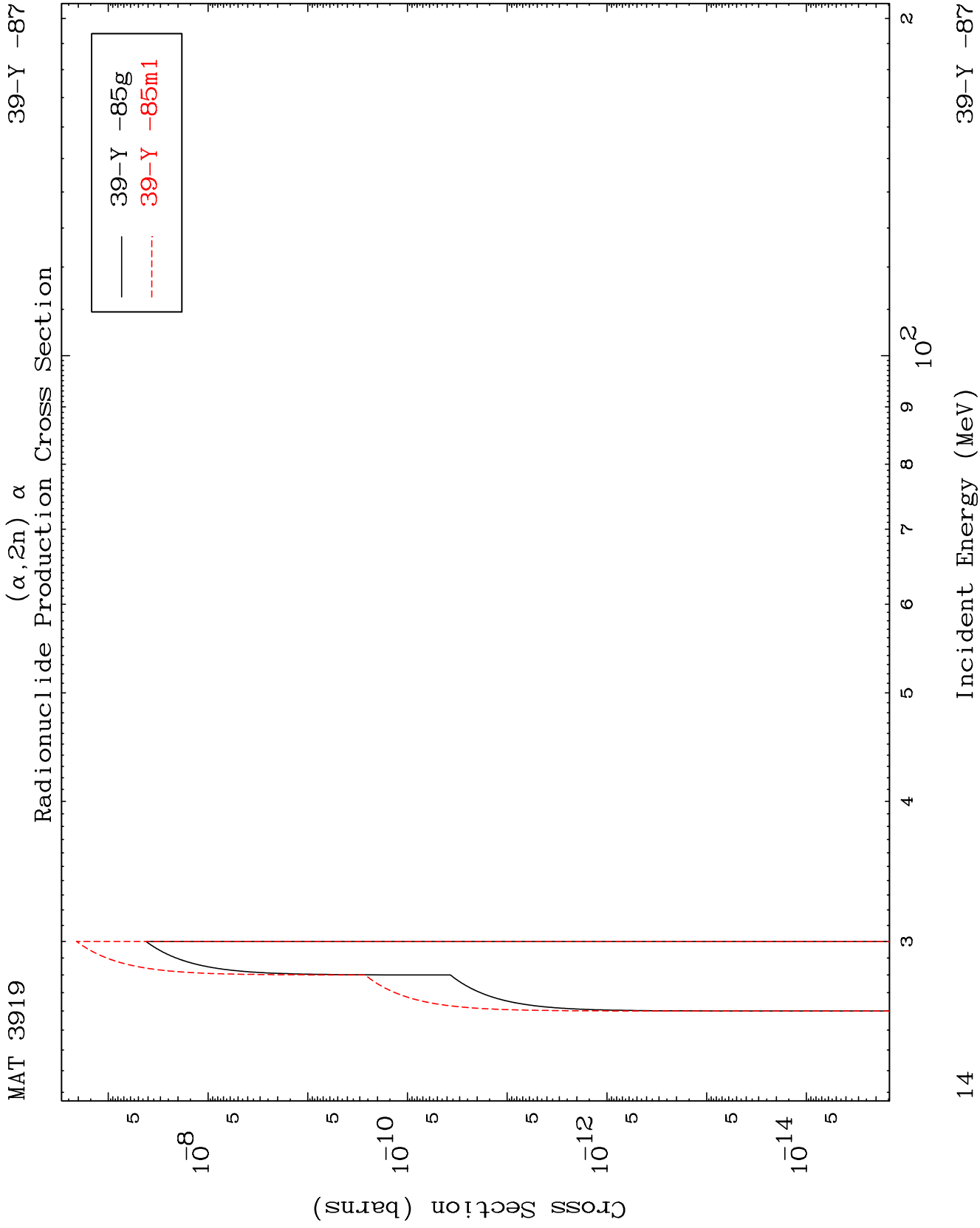
Radionuclide Production Cross Section



13

Incident Energy (MeV)

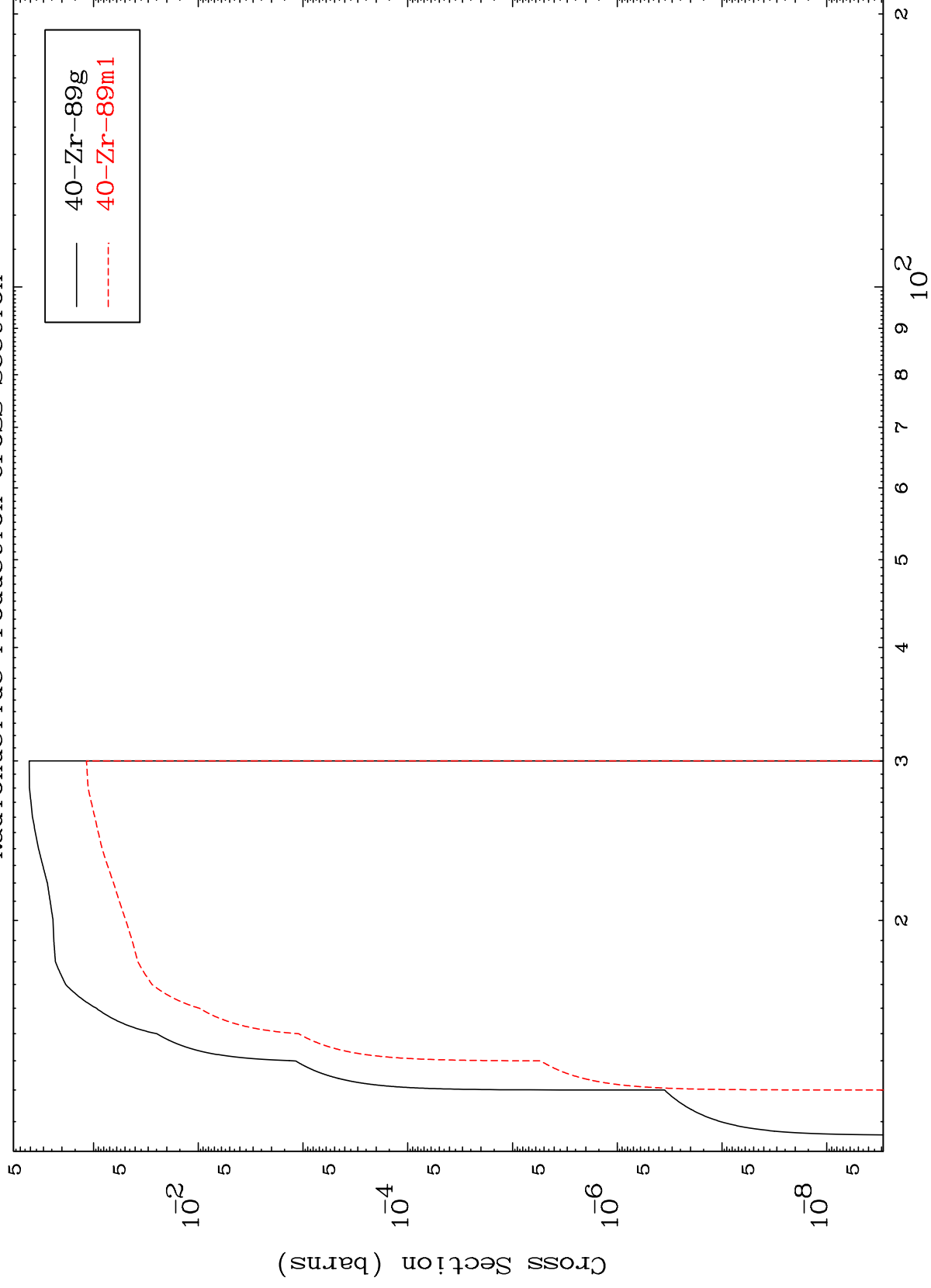
39-Y -87



MAT 3919

(α, n') p 39-Y -87

Radionuclide Production Cross Section

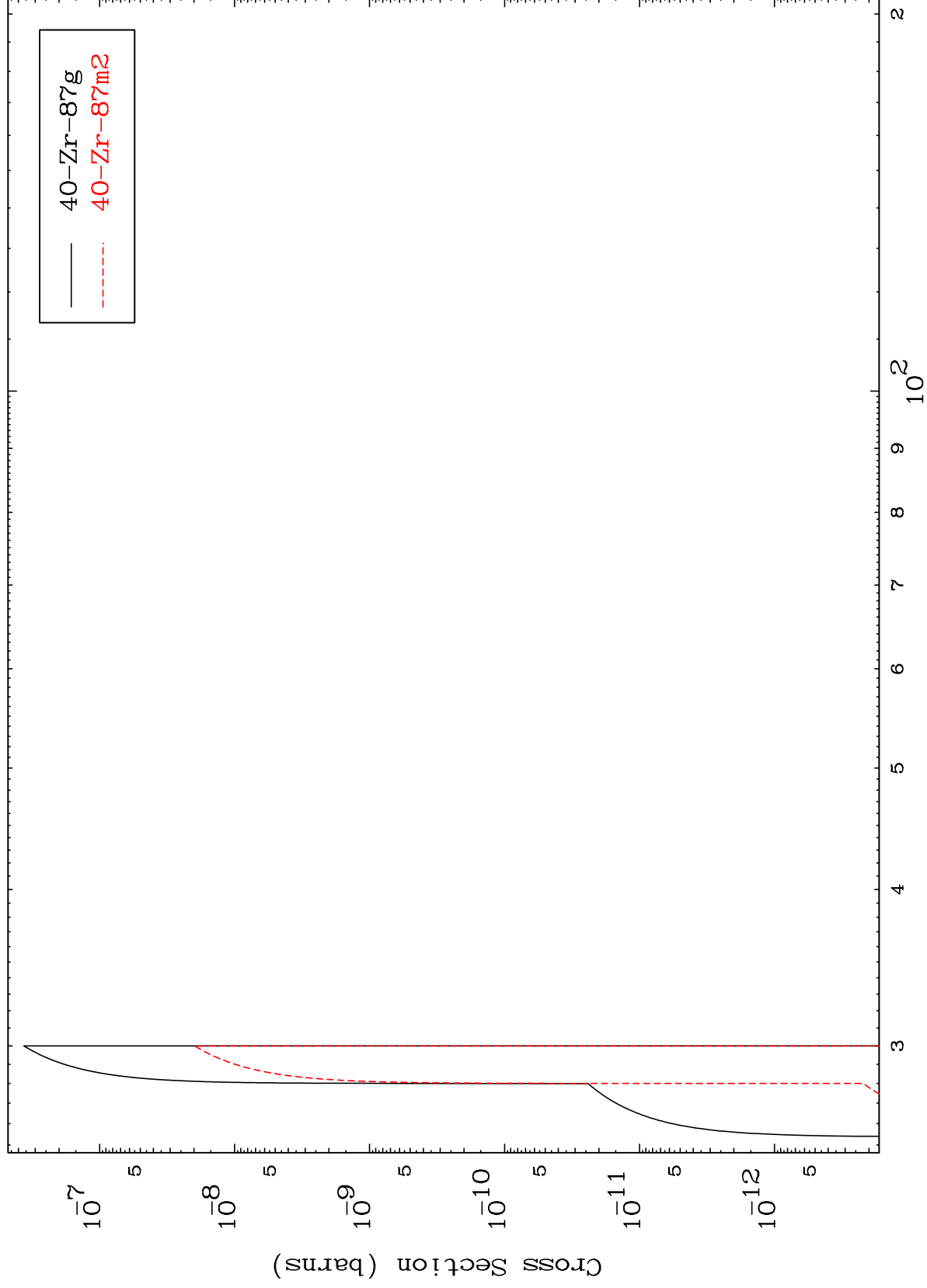


Incident Energy (MeV) 39-Y -87

MAT 3919

39-Y -87

(α, n') t
Radionuclide Production Cross Section

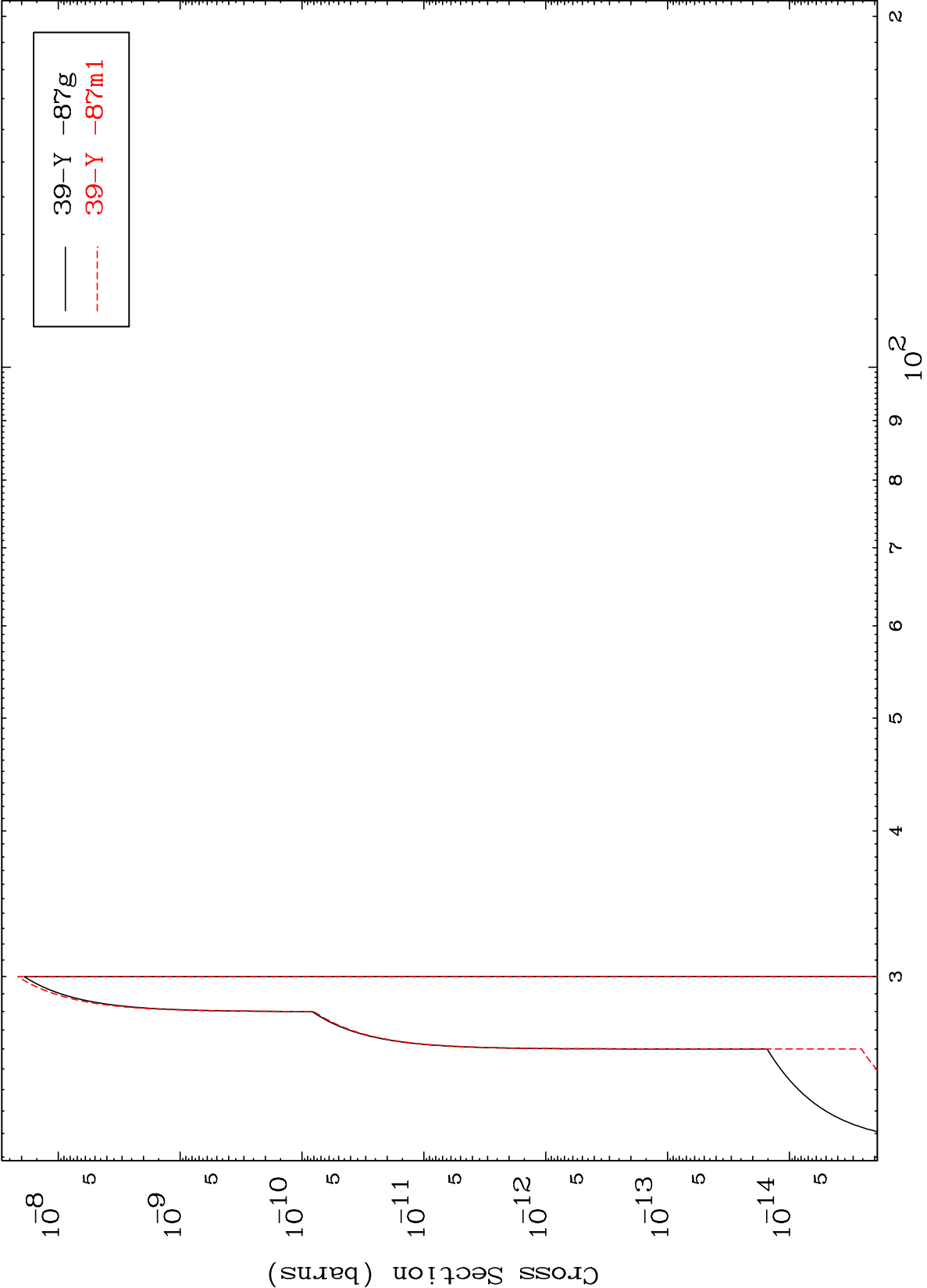


39-Y -87

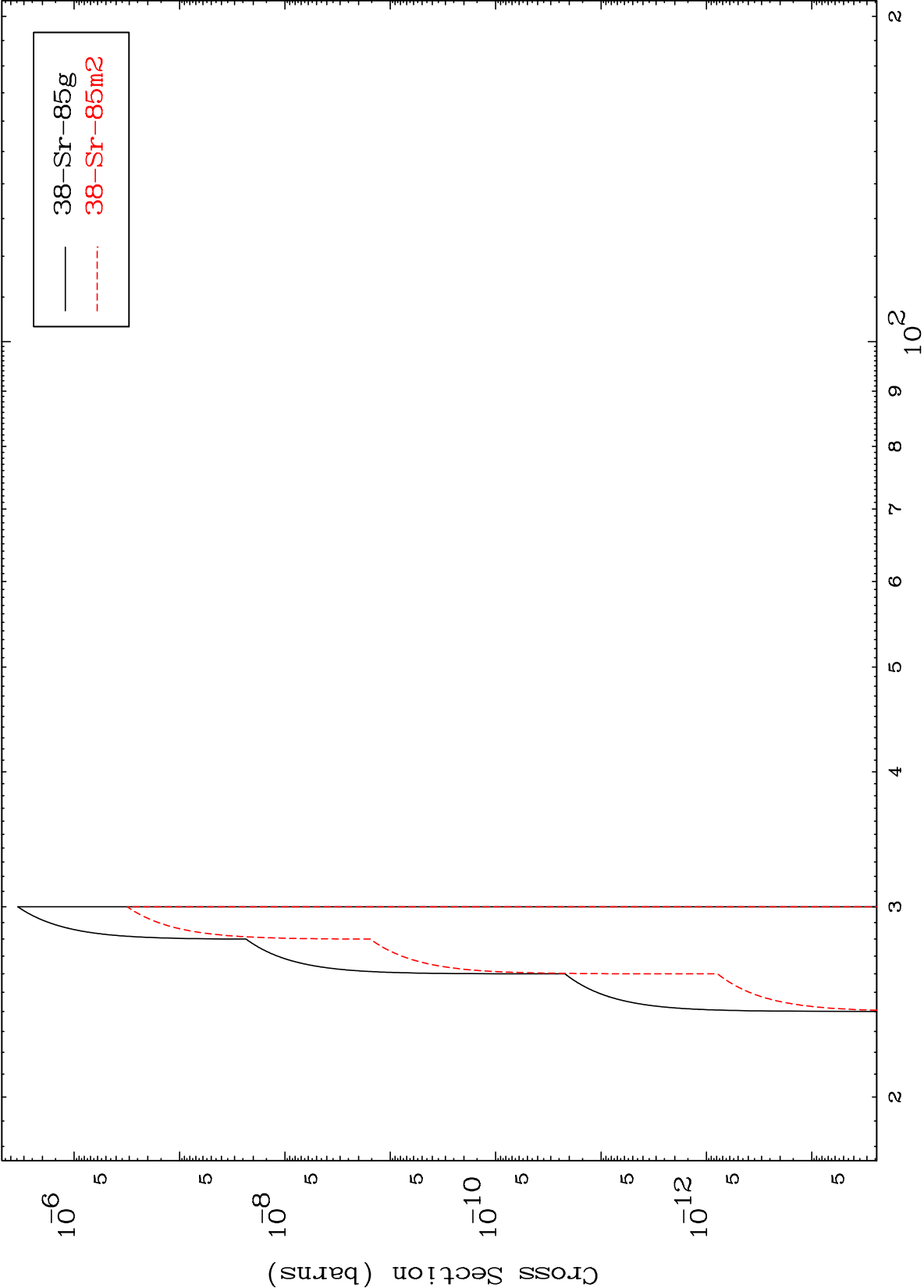
Incident Energy (MeV)

16

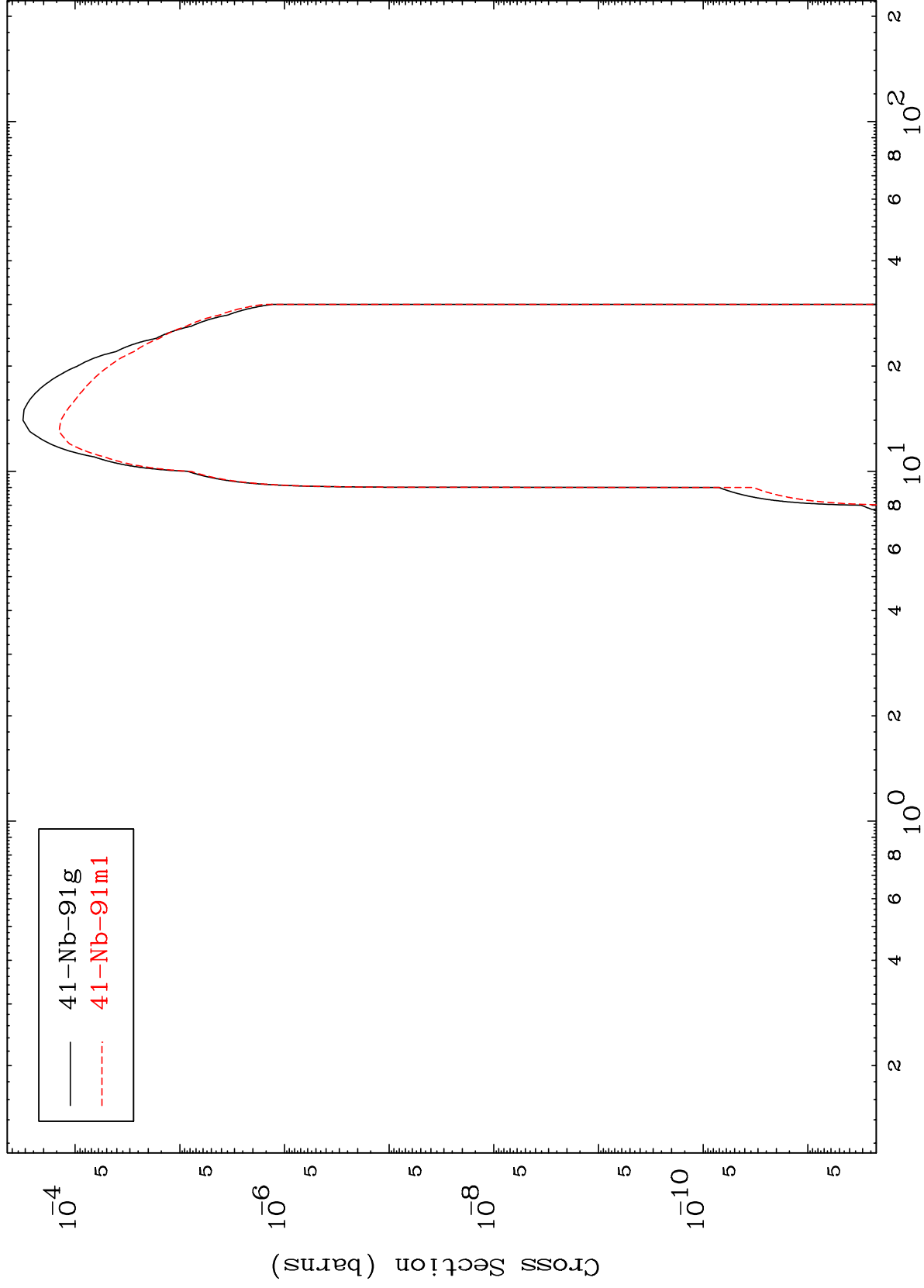
Radionuclide Production Cross Section

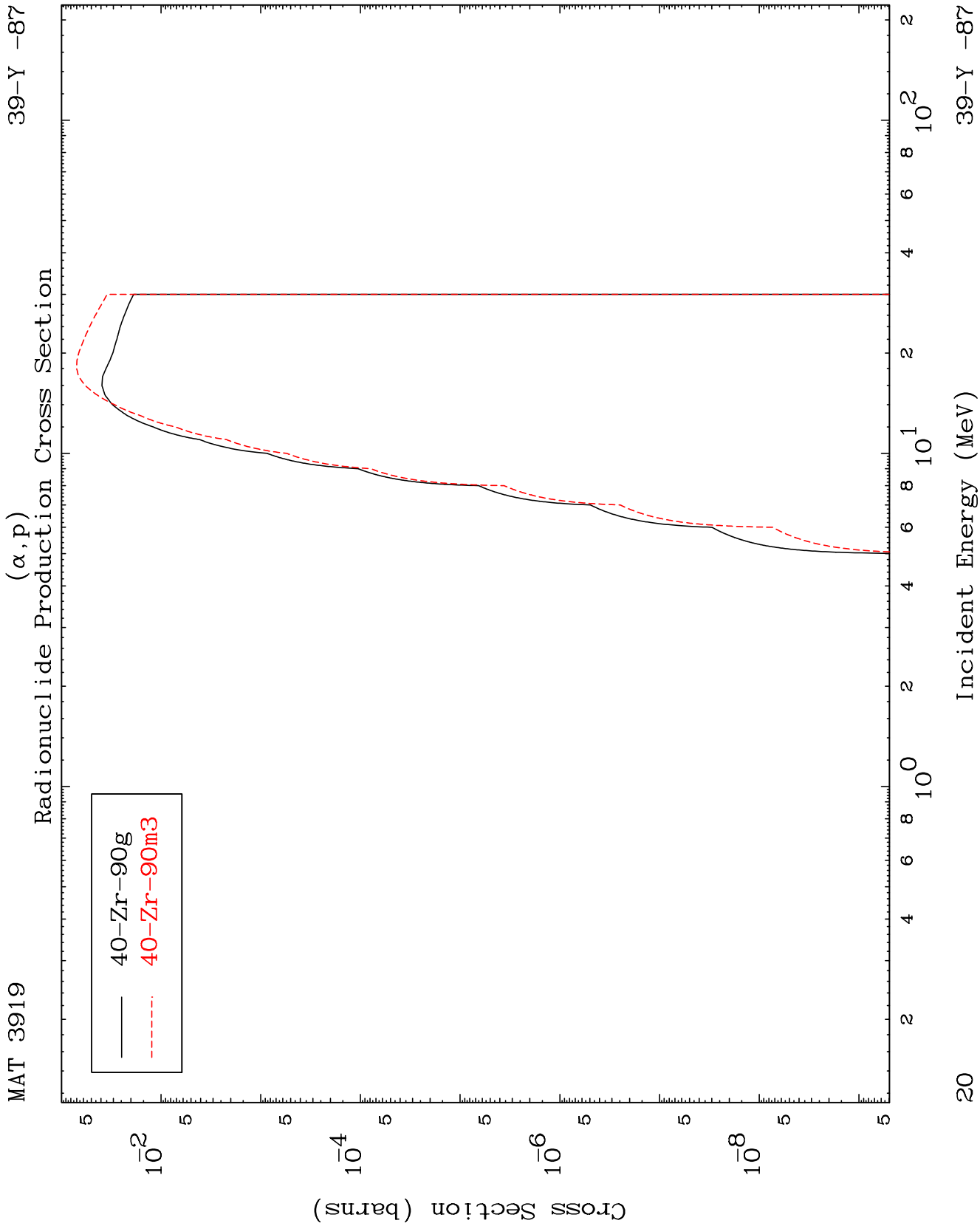


Radionuclide Production Cross Section



Radionuclide Production Cross Section

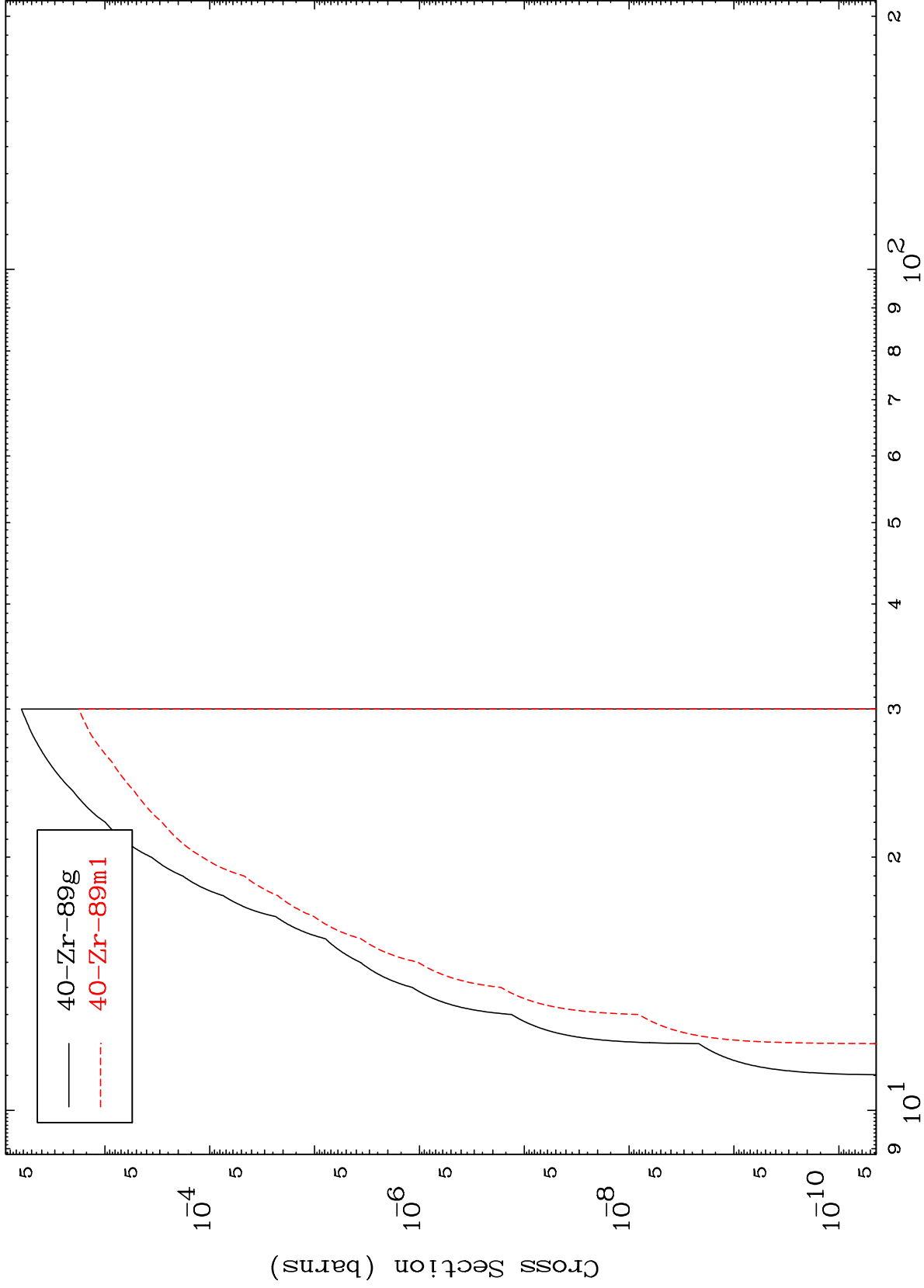




MAT 3919

39-Y -87

(α, d)
Radionuclide Production Cross Section



39-Y -87

Incident Energy (MeV)

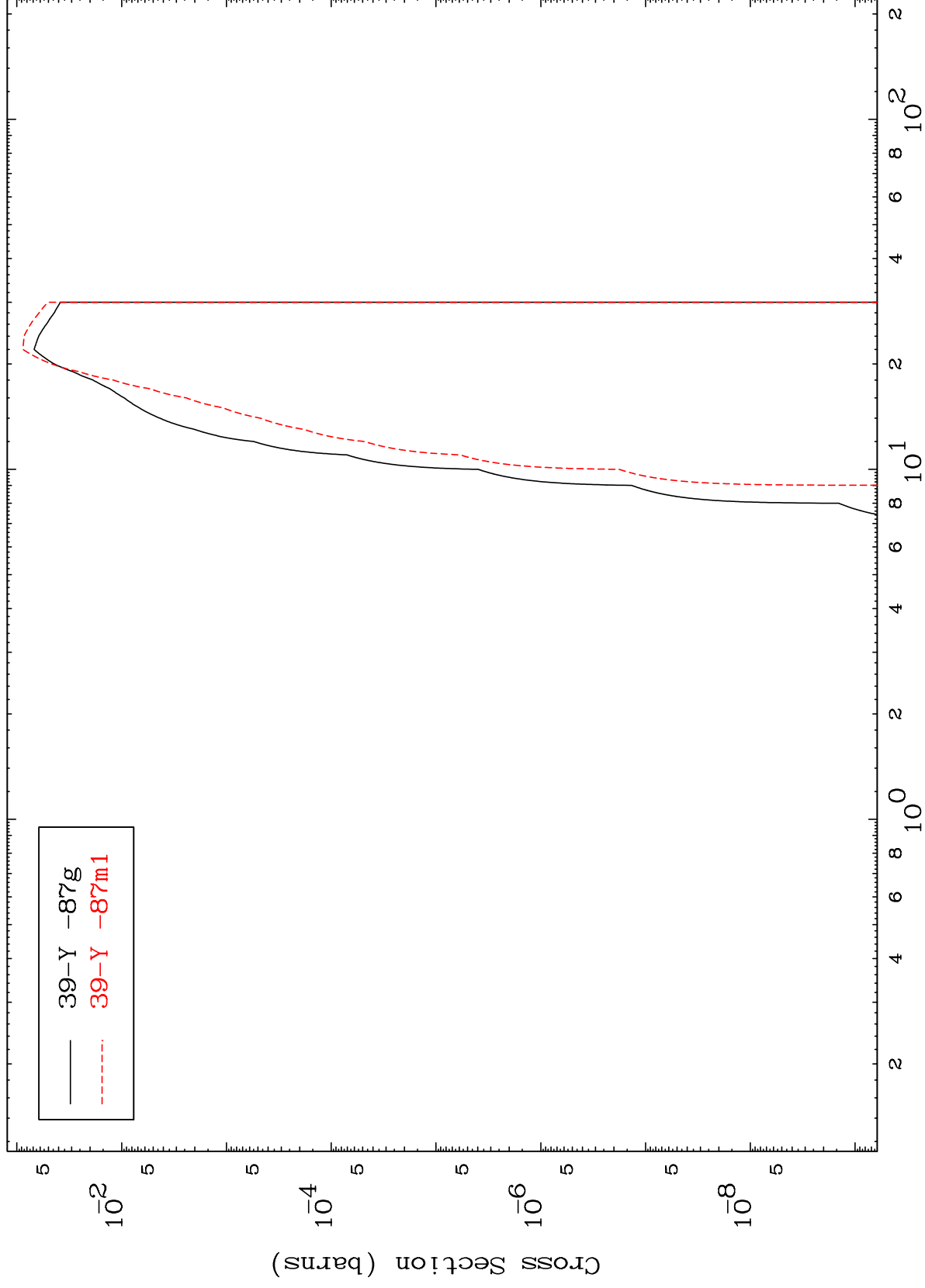
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MAT 3919

(α, α)

39-Y -87

Radionuclide Production Cross Section



22

Incident Energy (MeV)

39-Y -87

