

Program EVALPLOT  
(Version 2018-1)

by

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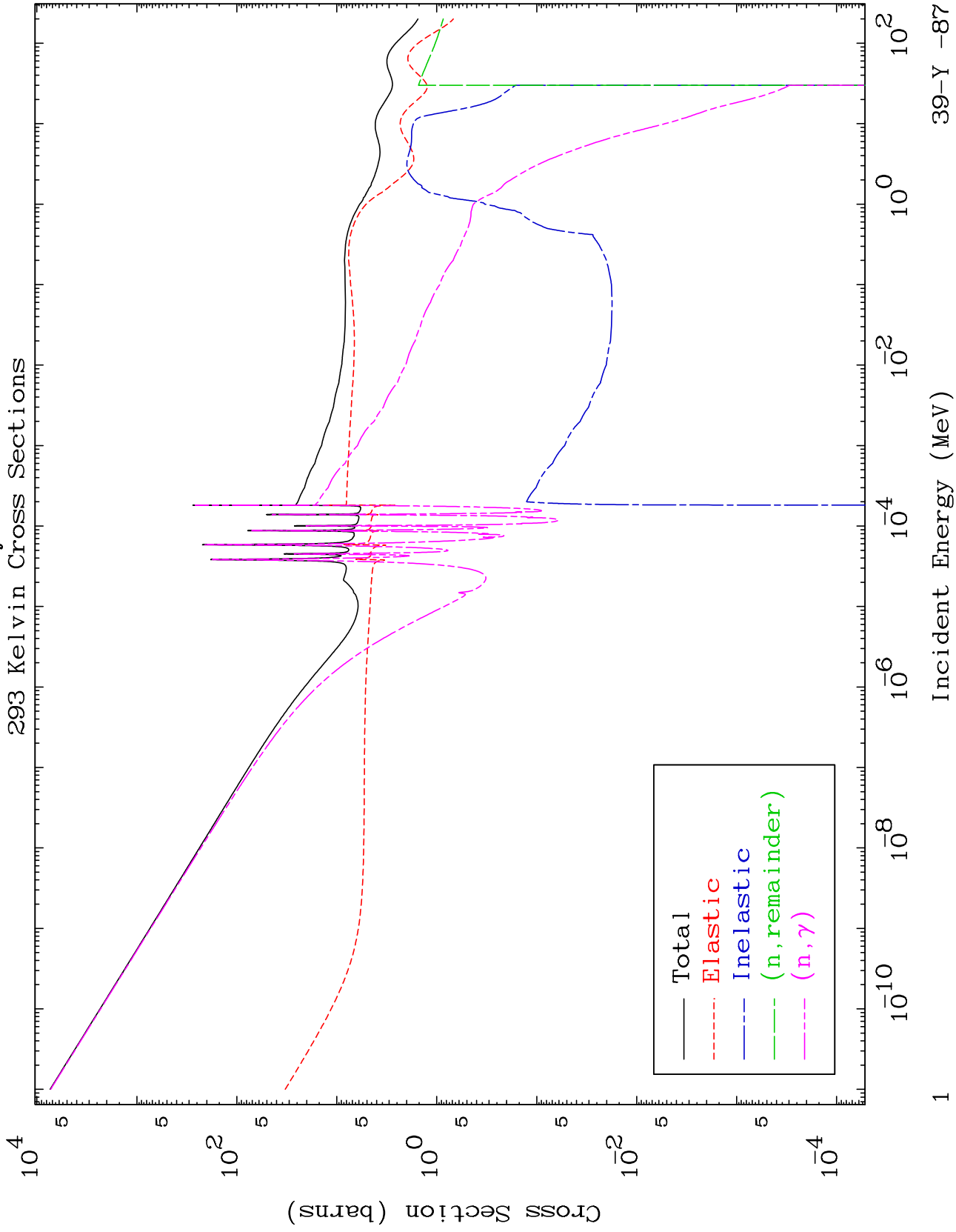
Press Mouse Button to Start

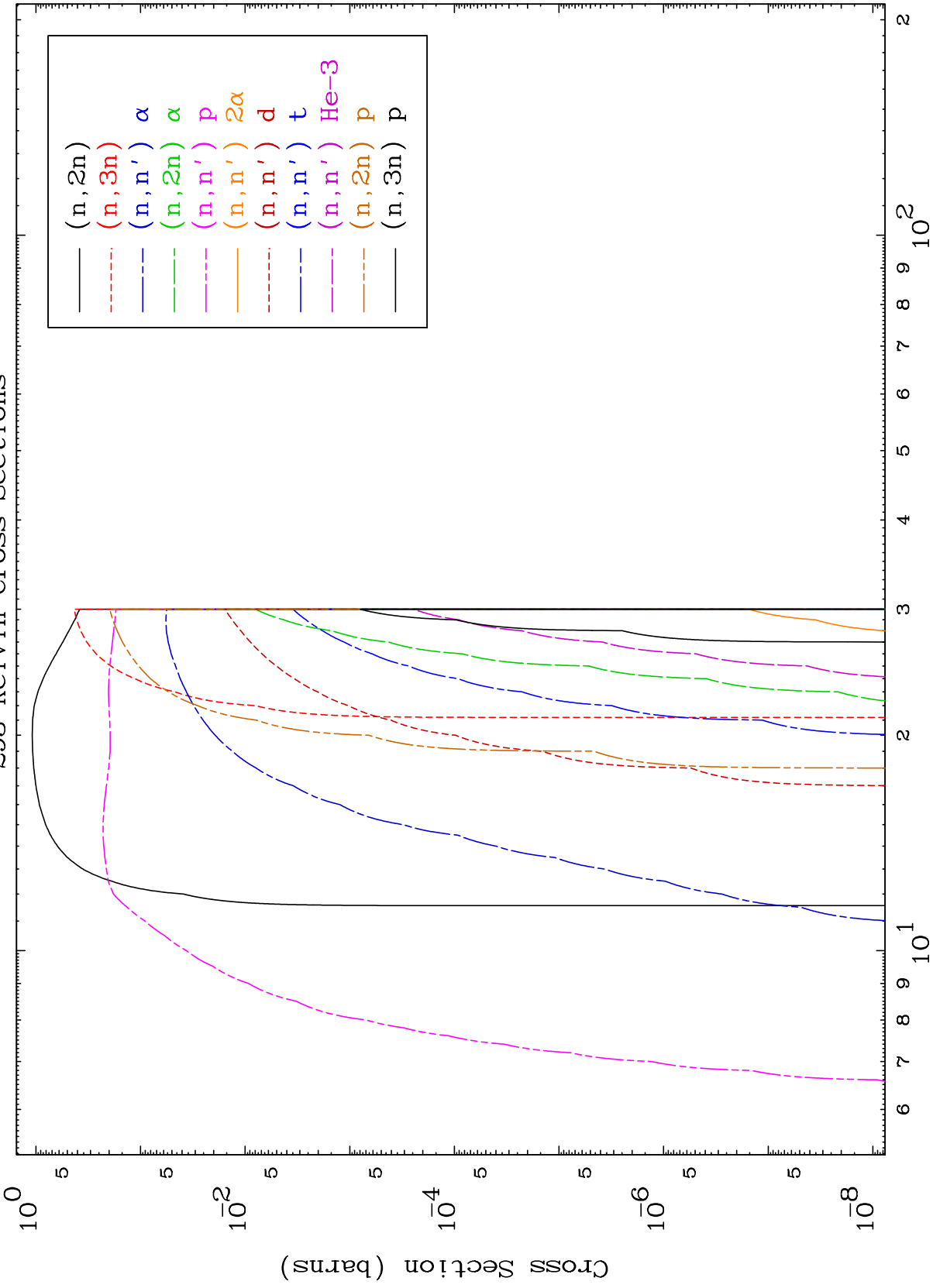
MAT 3920

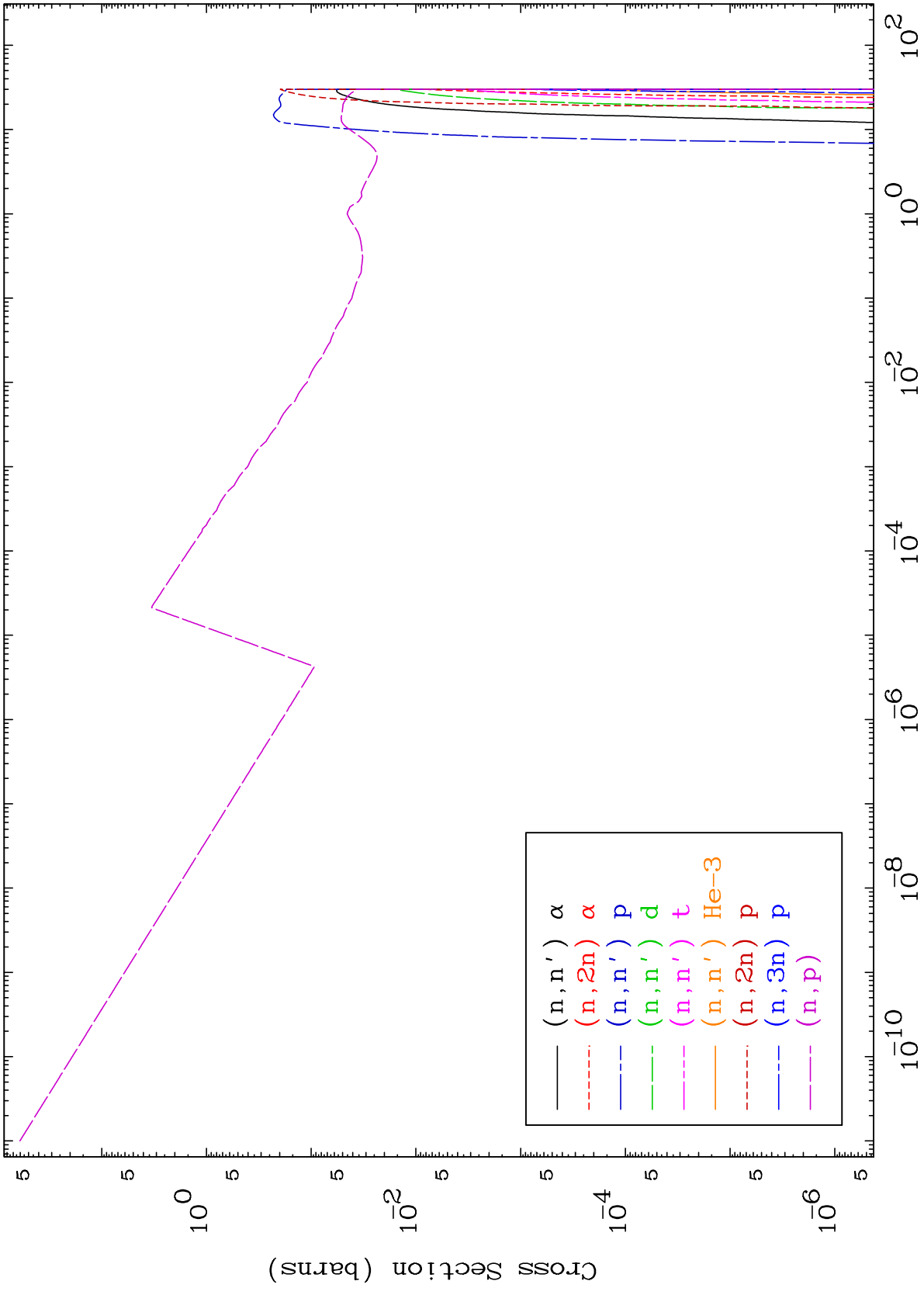
Major

293 Kelvin Cross Sections

39-Y -87



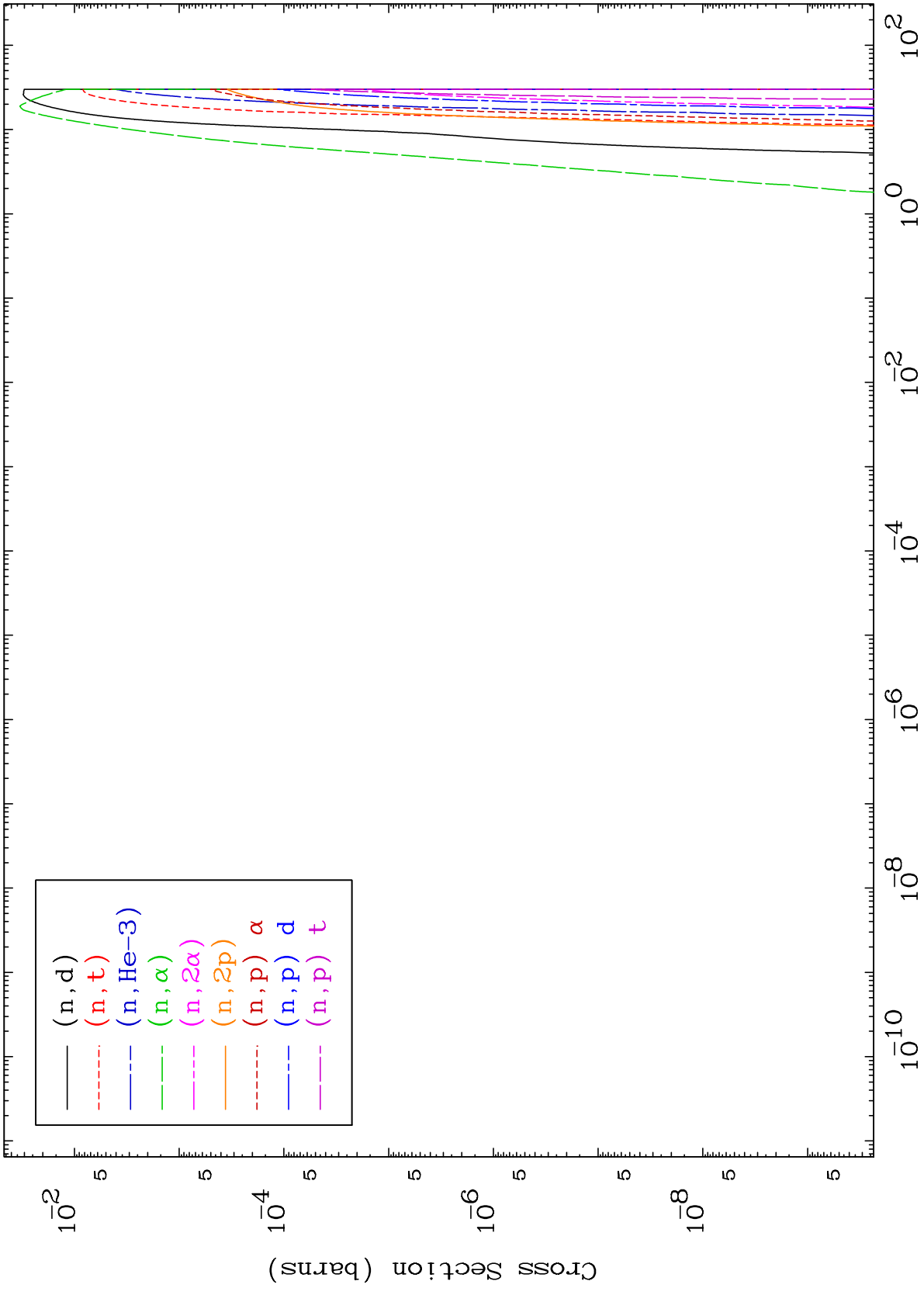




MAT 3920

Charged Particle  
293 Kelvin Cross Sections

39-Y -87

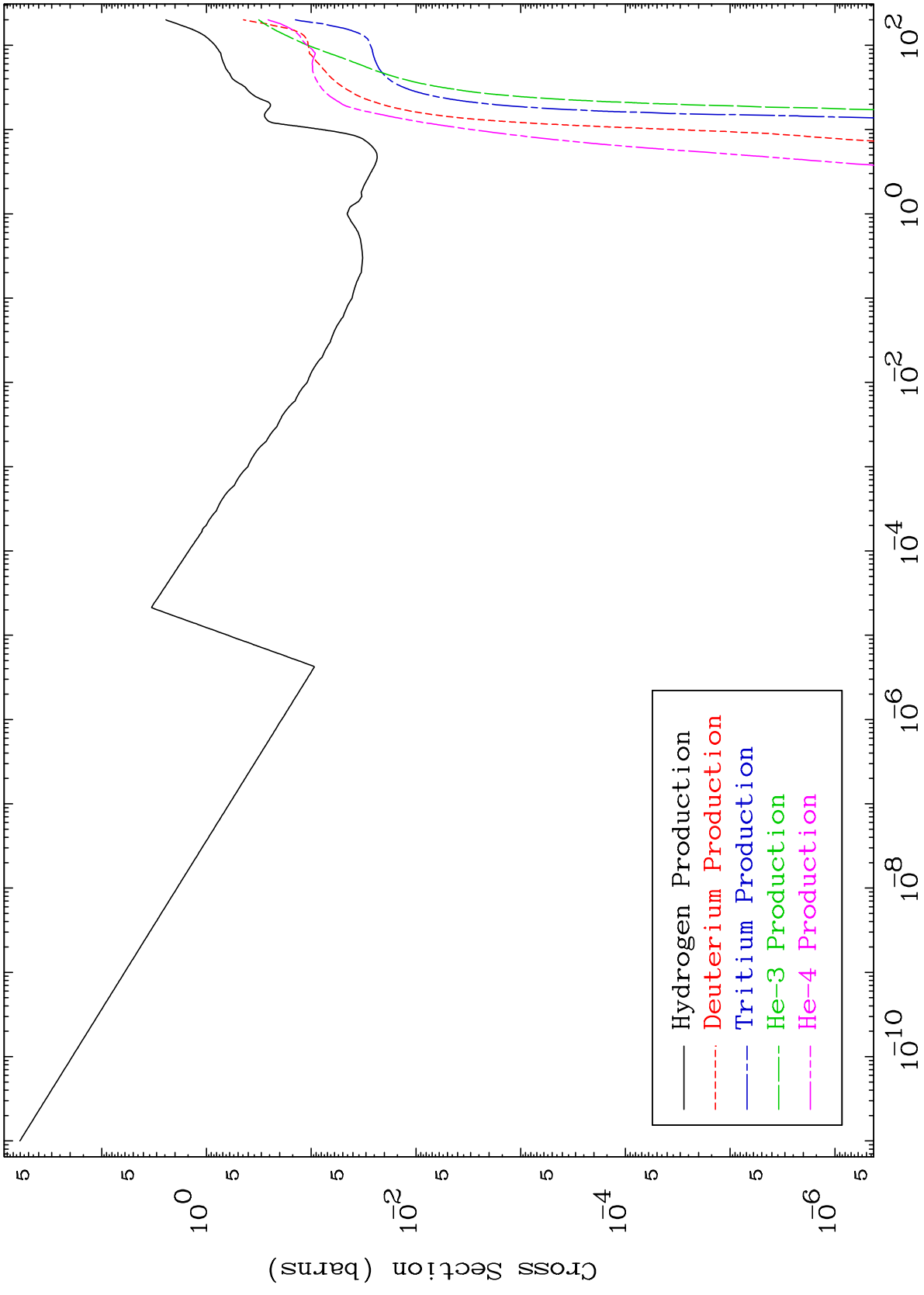


39-Y -87

MAT 3920

Particle Production  
293 Kelvin Cross Sections

39-Y -87



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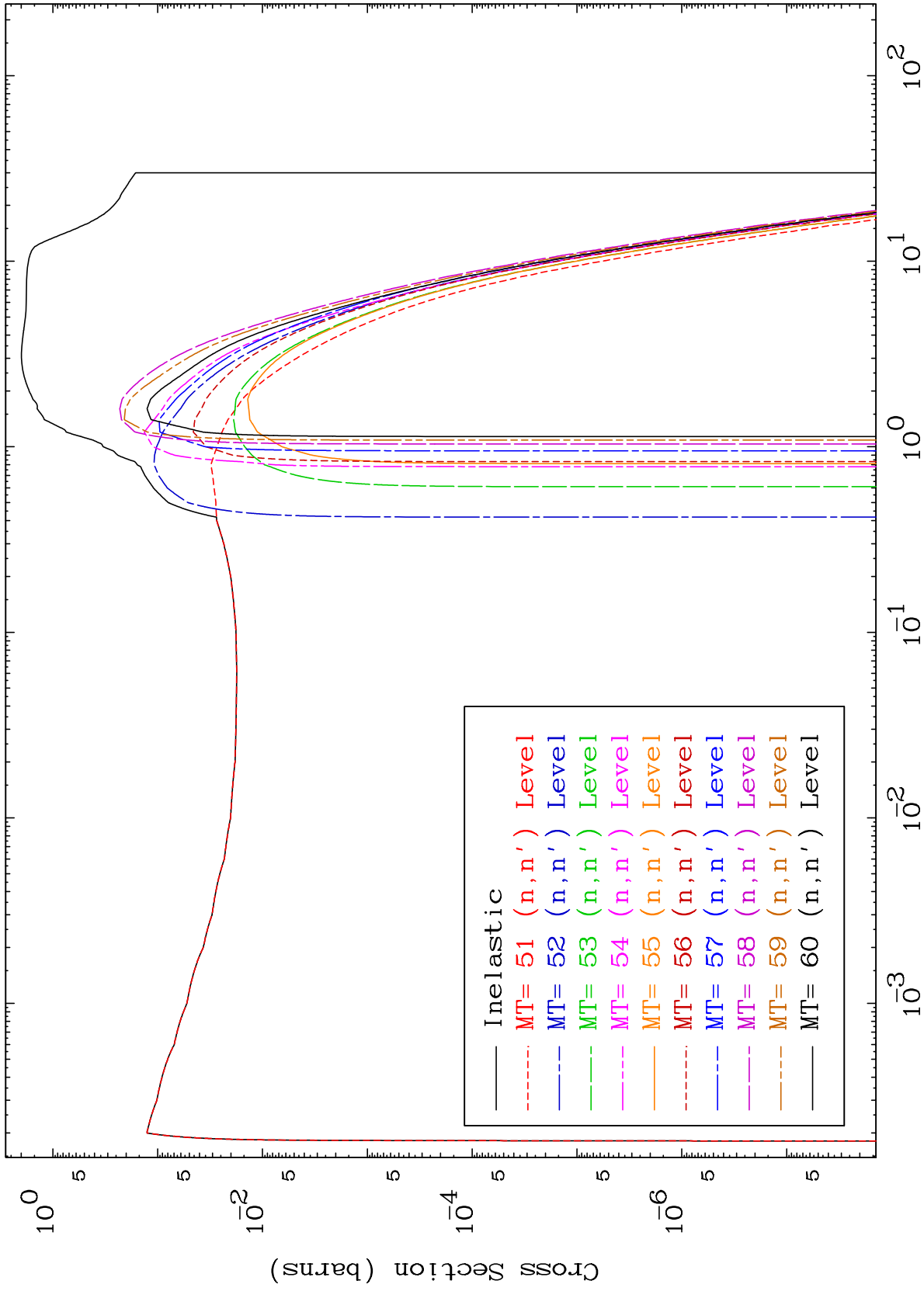
Incident Energy (MeV)

39-Y -87

MAT 3920

(n,n') Level  
293 Kelvin Cross Sections

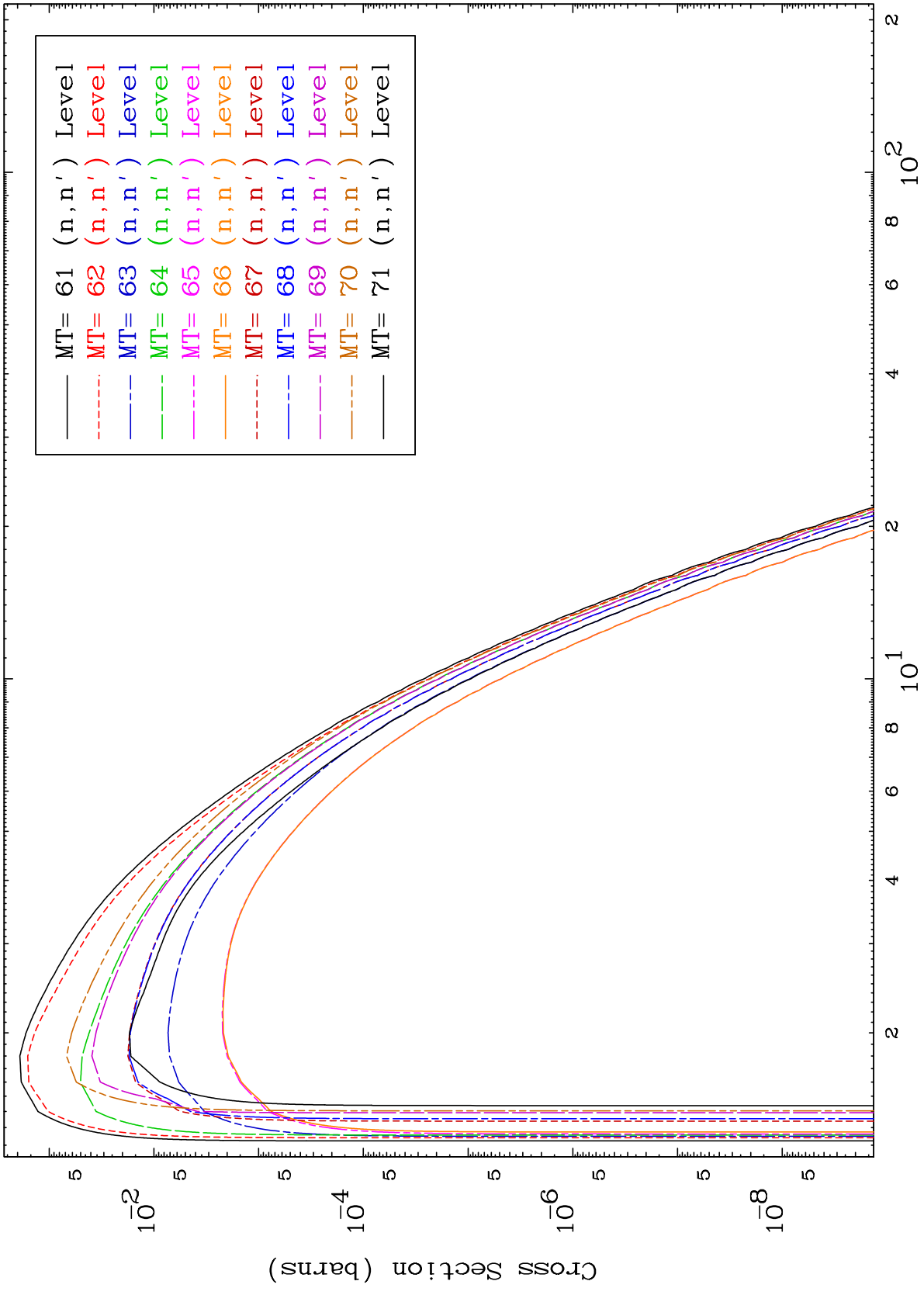
39-Y -87



MAT 3920

(n,n') Level  
293 Kelvin Cross Sections

39-Y -87



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Incident Energy (MeV)

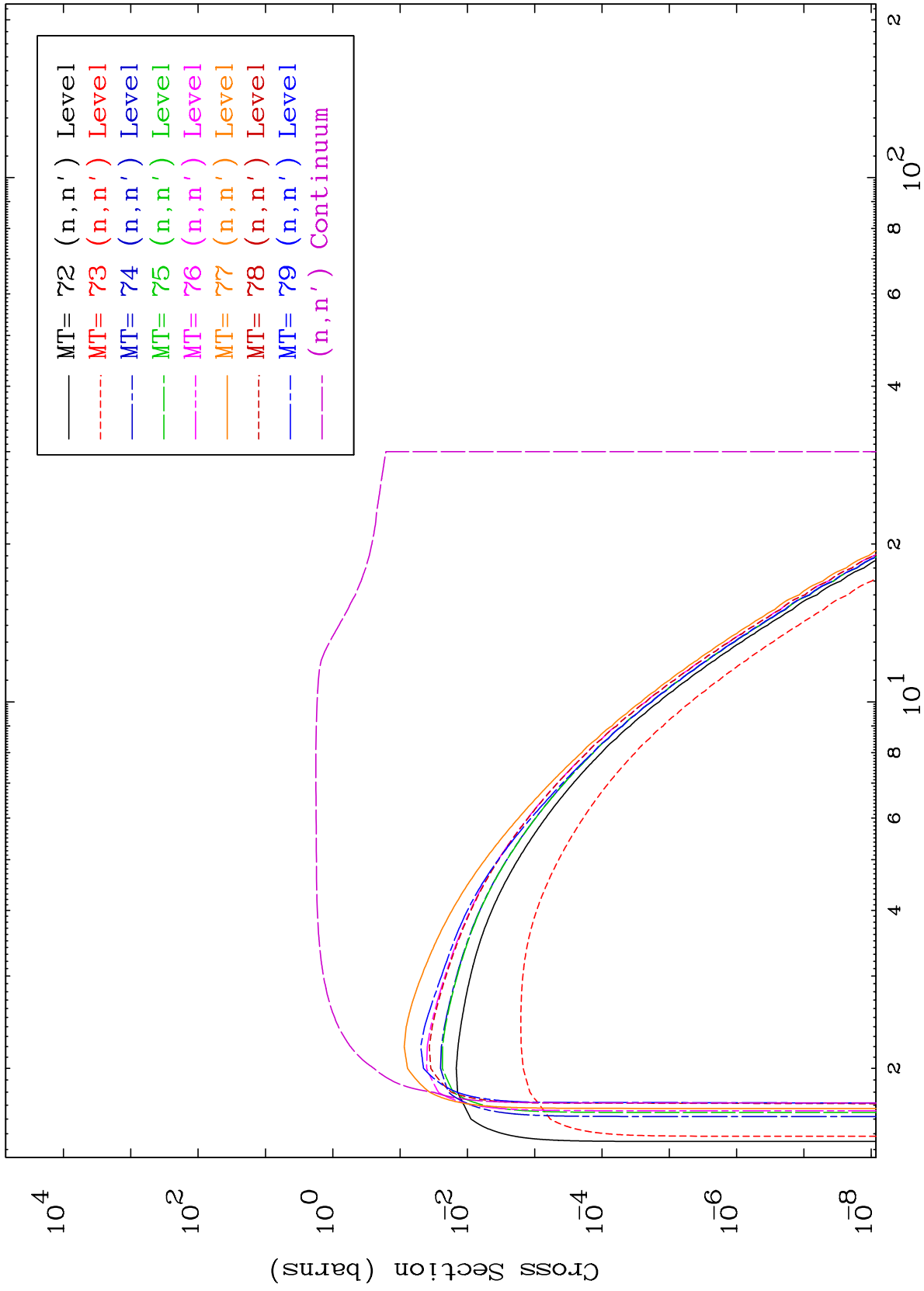
39-Y -87



MAT 3920

(n,n') Level  
293 Kelvin Cross Sections

39-Y -87



8

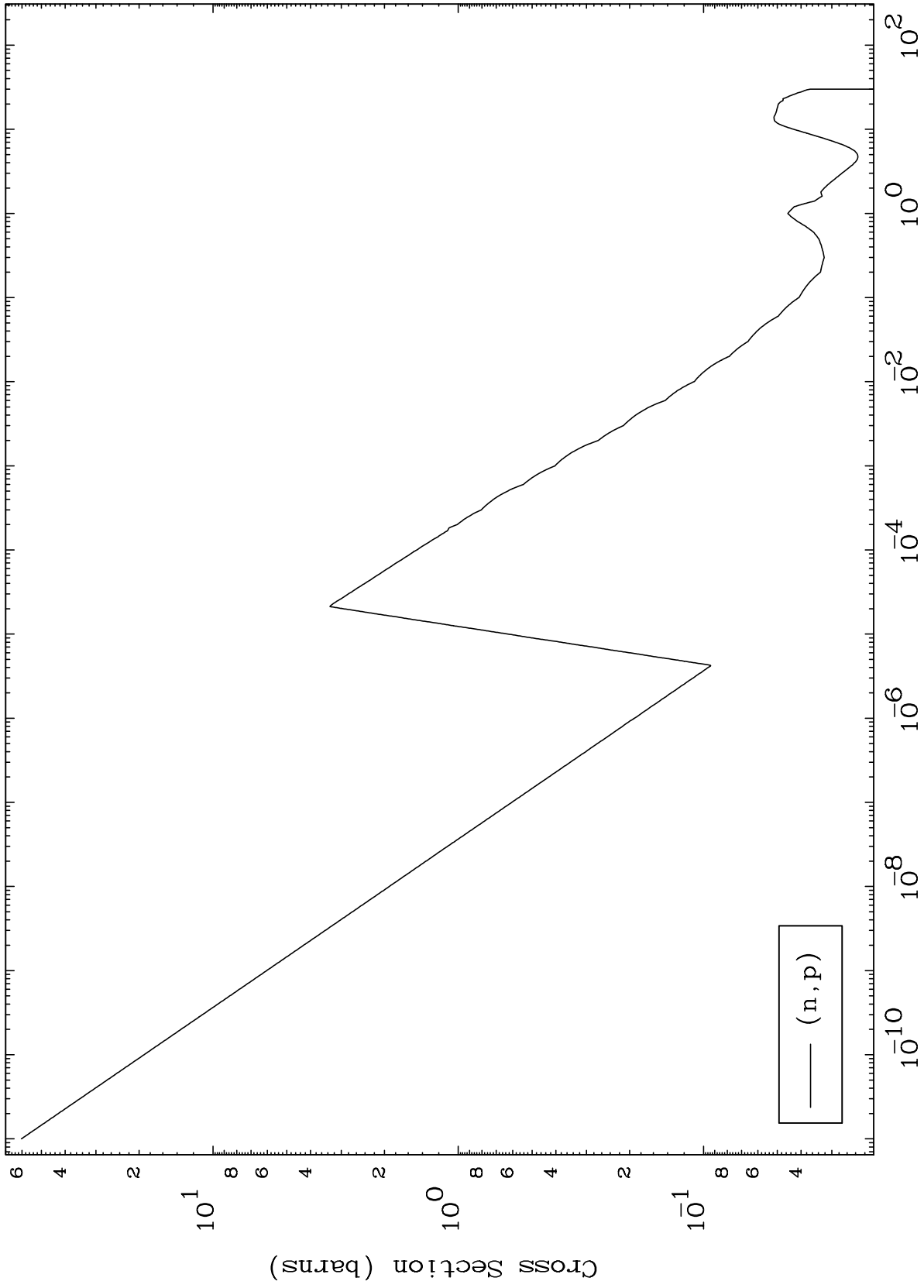
Incident Energy (MeV)

39-Y -87

MAT 3920

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -87



9

Incident Energy (MeV)

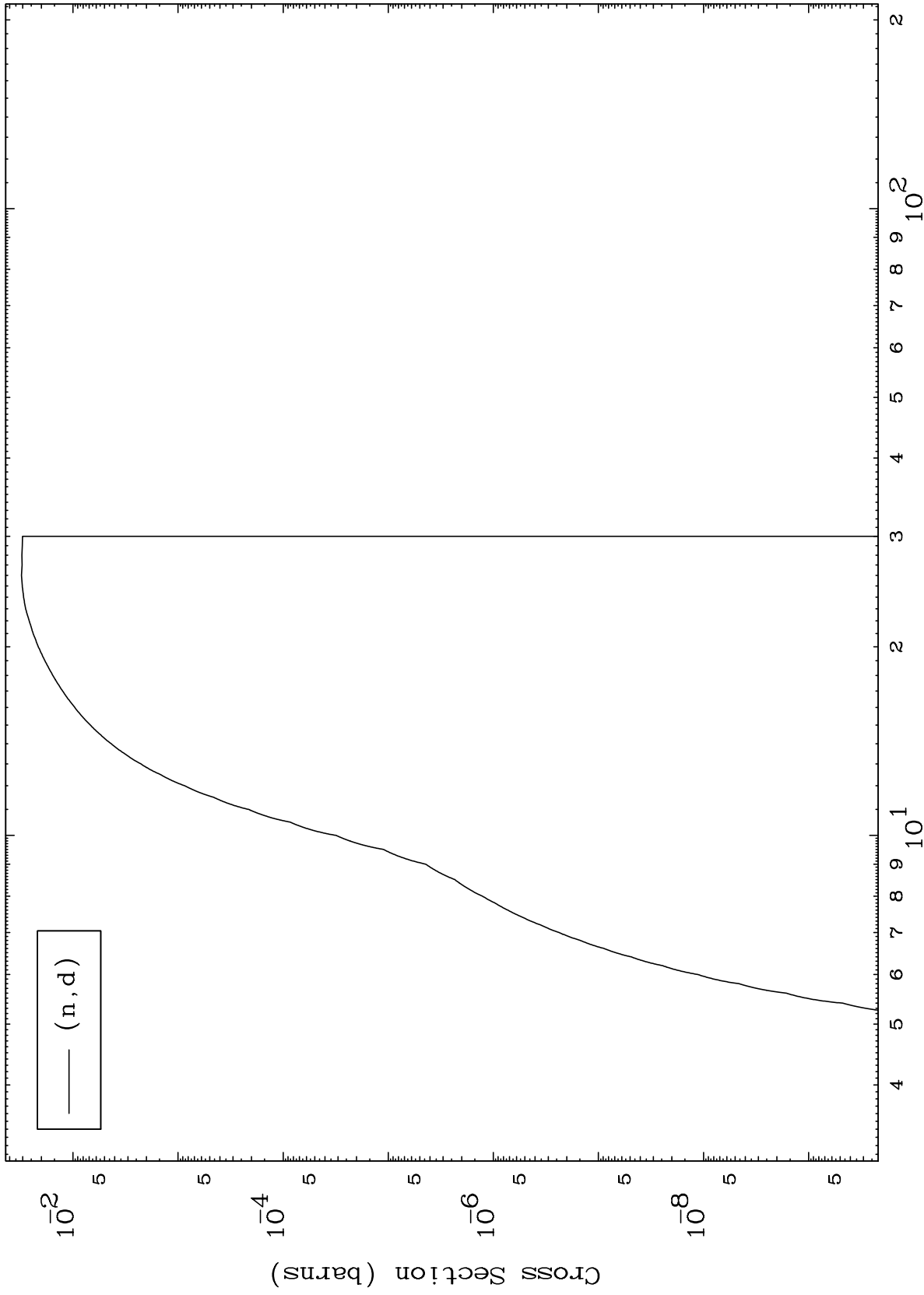
39-Y -87

(n,p)

MAT 3920

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -87



10

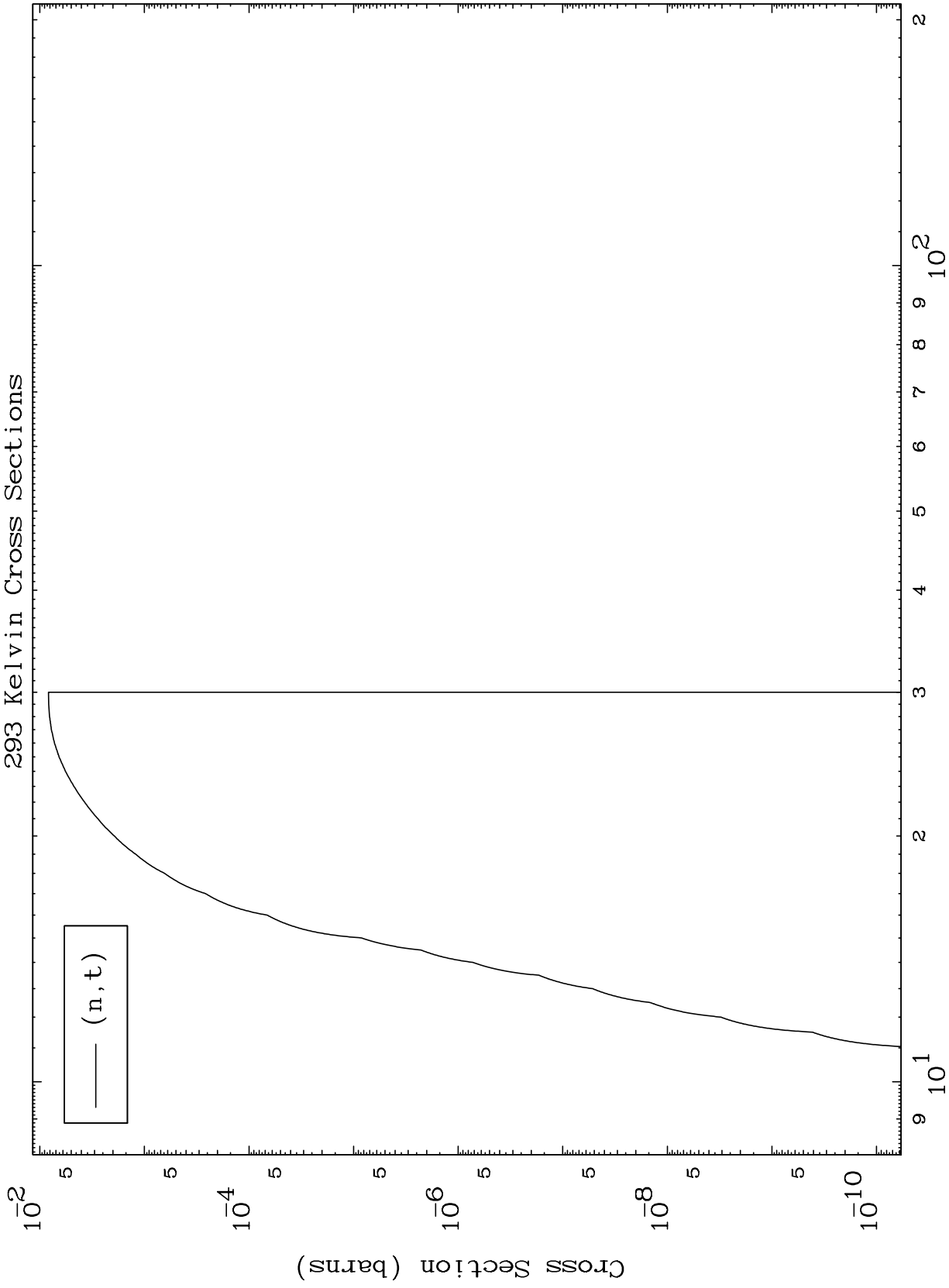
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

(n,t) Levels  
293 Kelvin Cross Sections



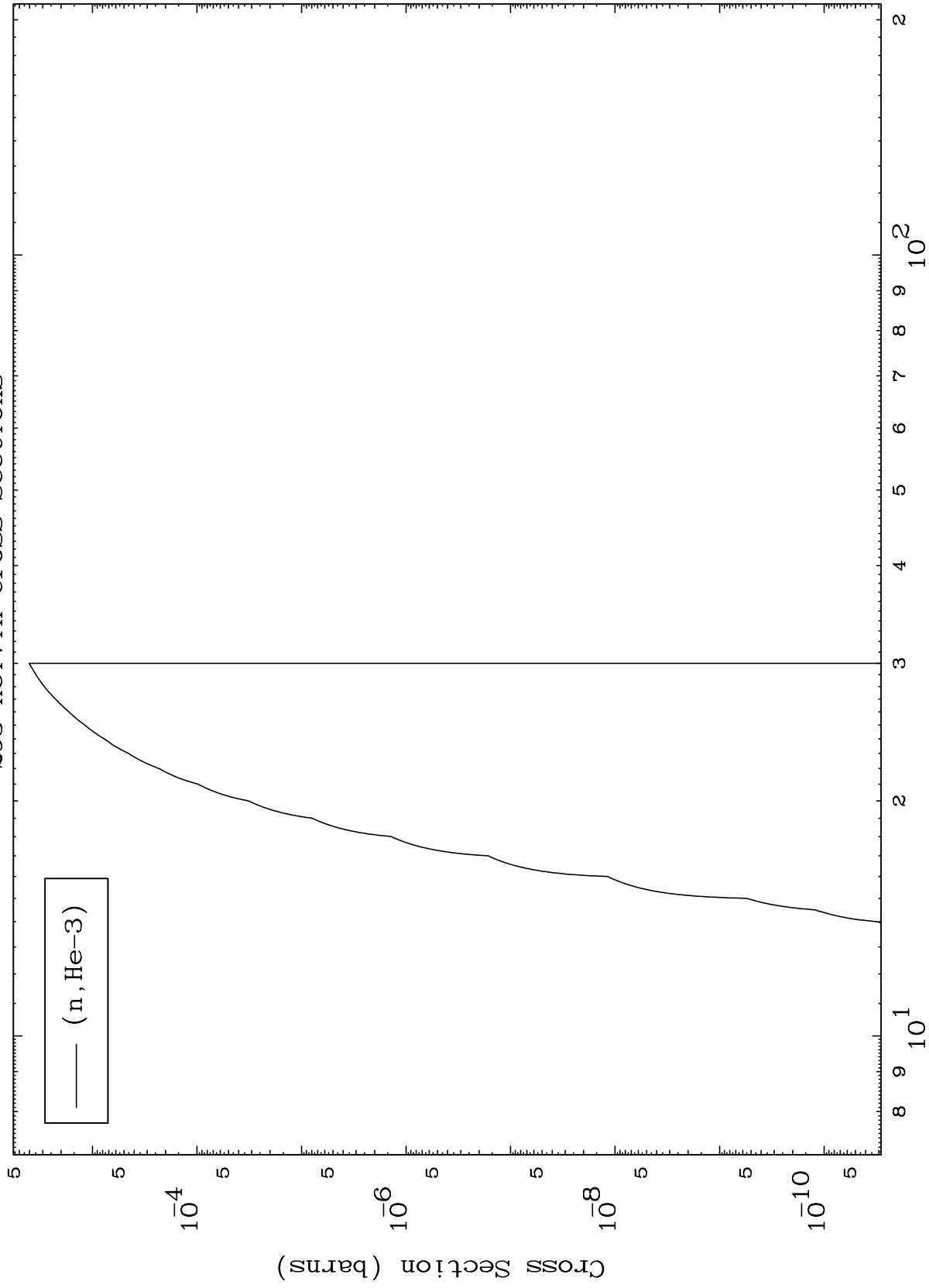
11

39-Y -87

MAT 3920

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -87



12

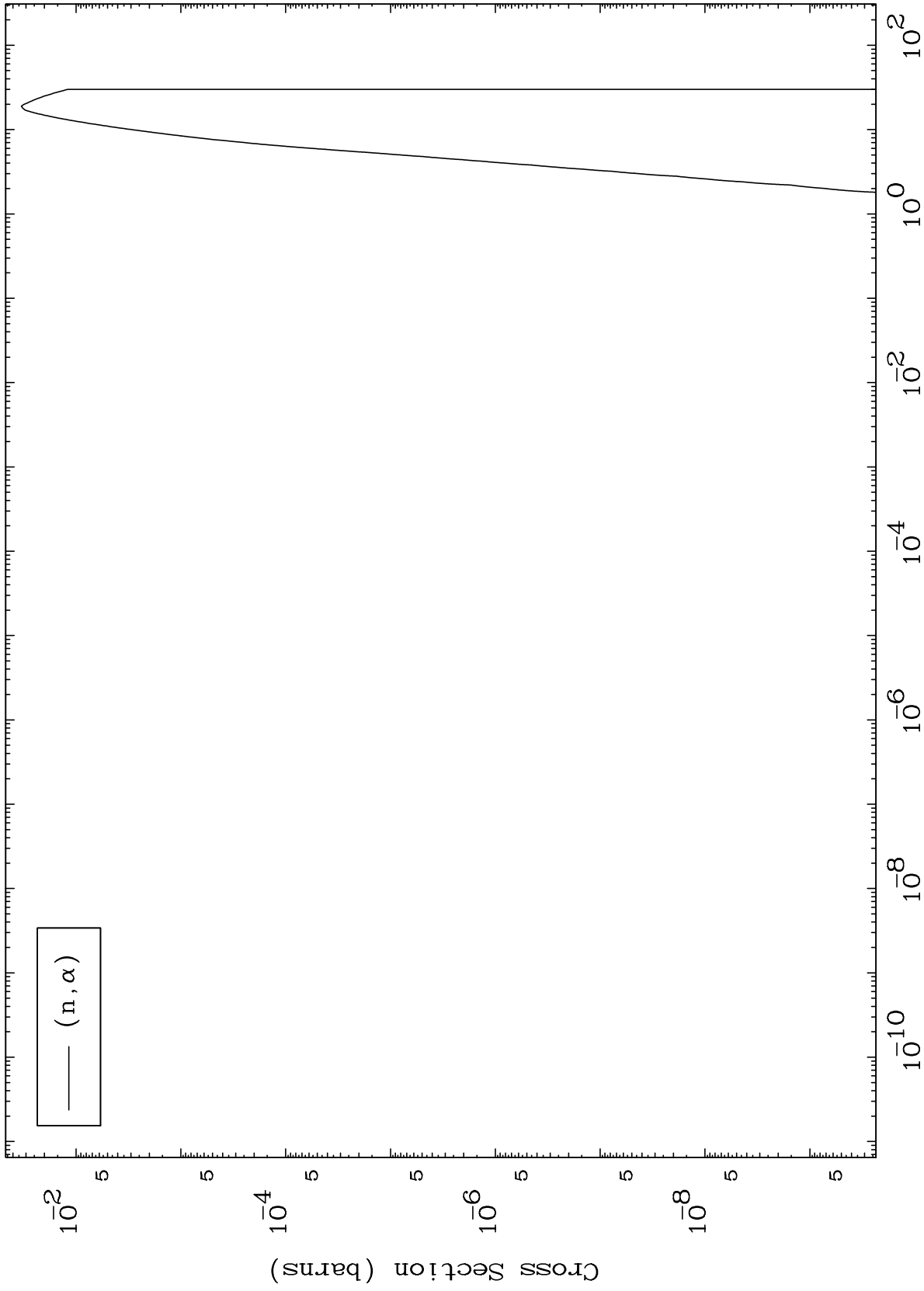
Incident Energy (MeV)

39-Y -87

MAT 3920

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

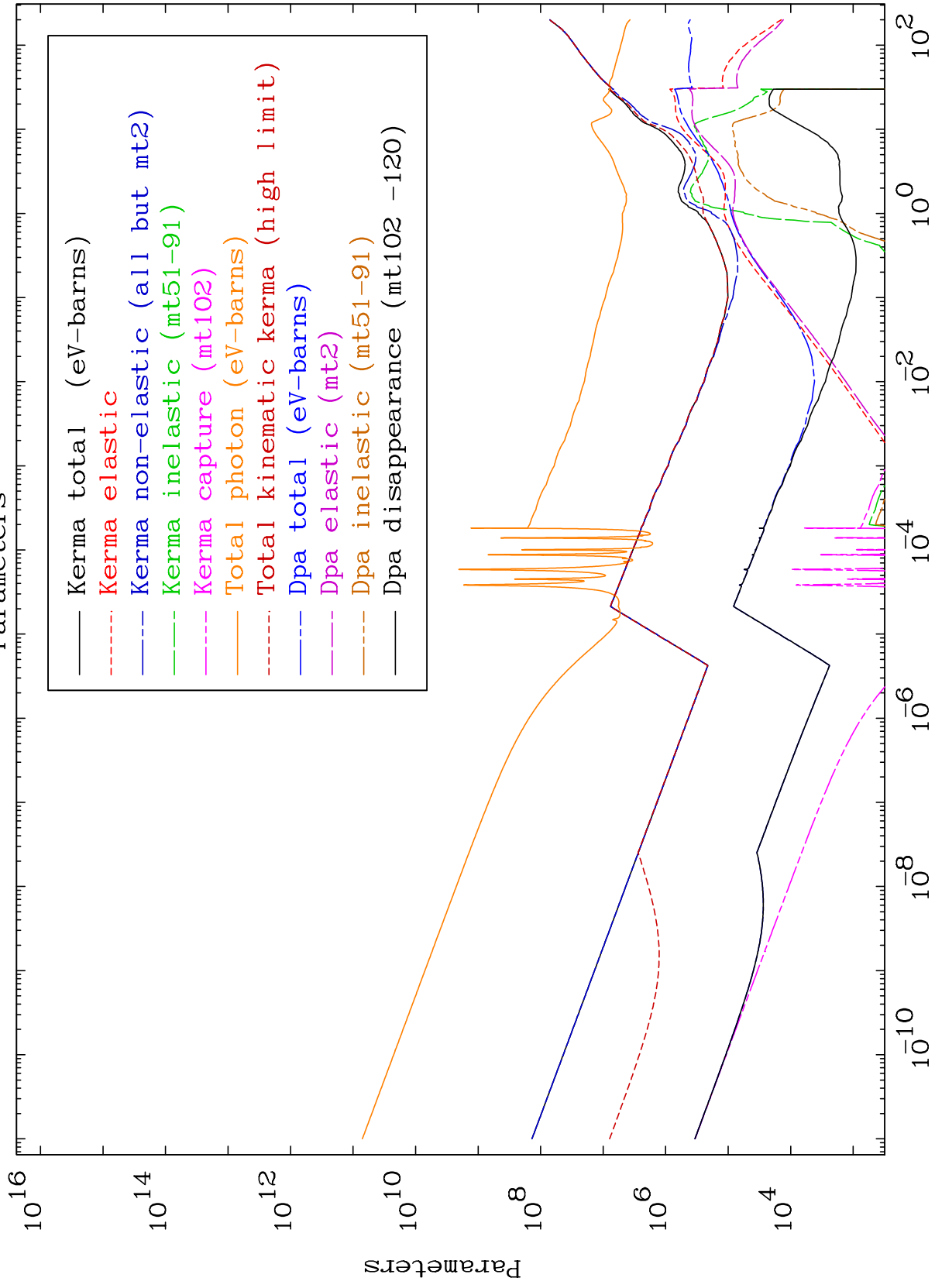
39-Y -87



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Incident Energy (MeV)

39-Y -87



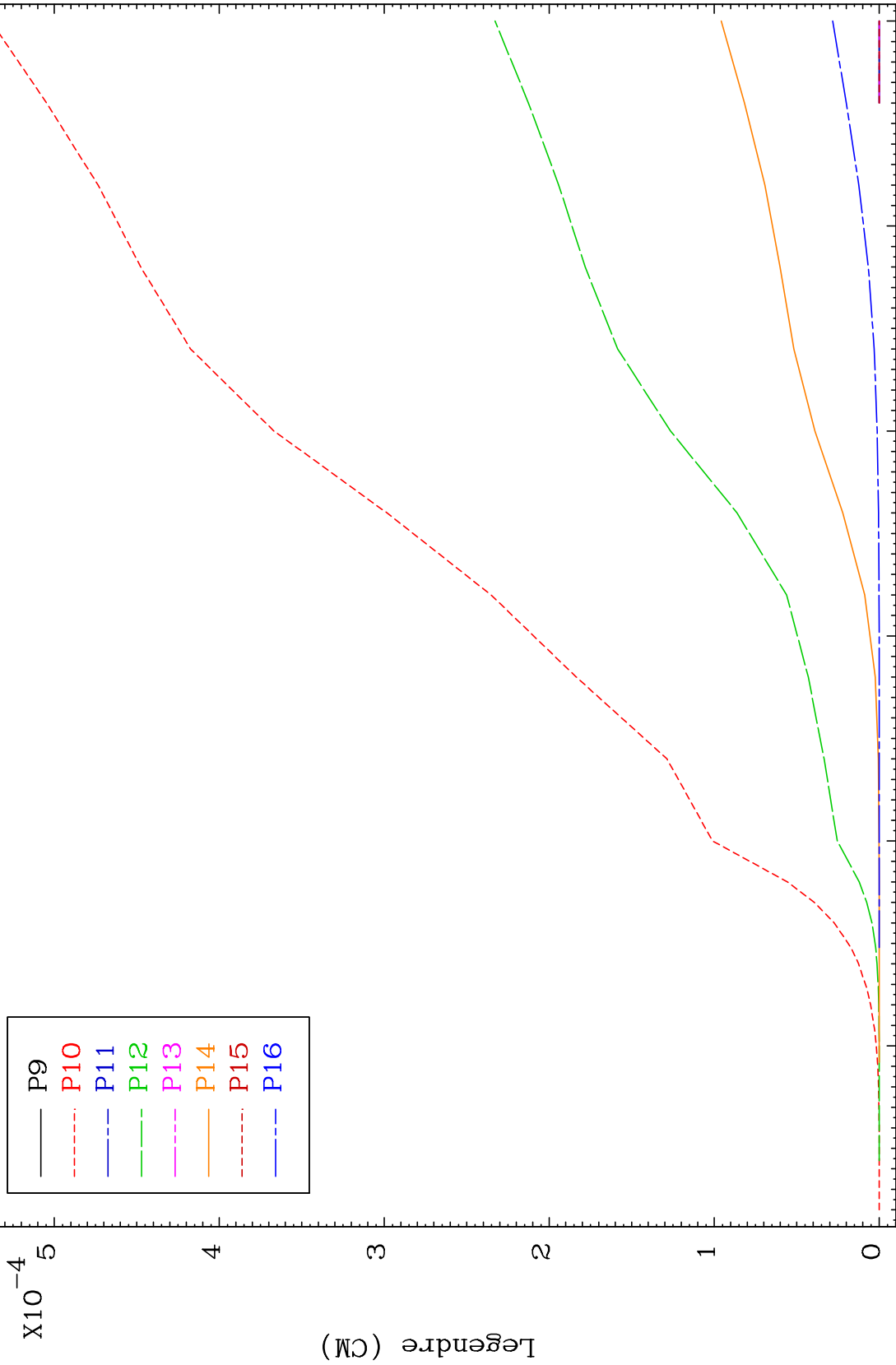
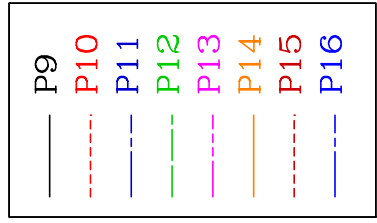




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Elastic Legendre Coefficients

39-Y -87



16

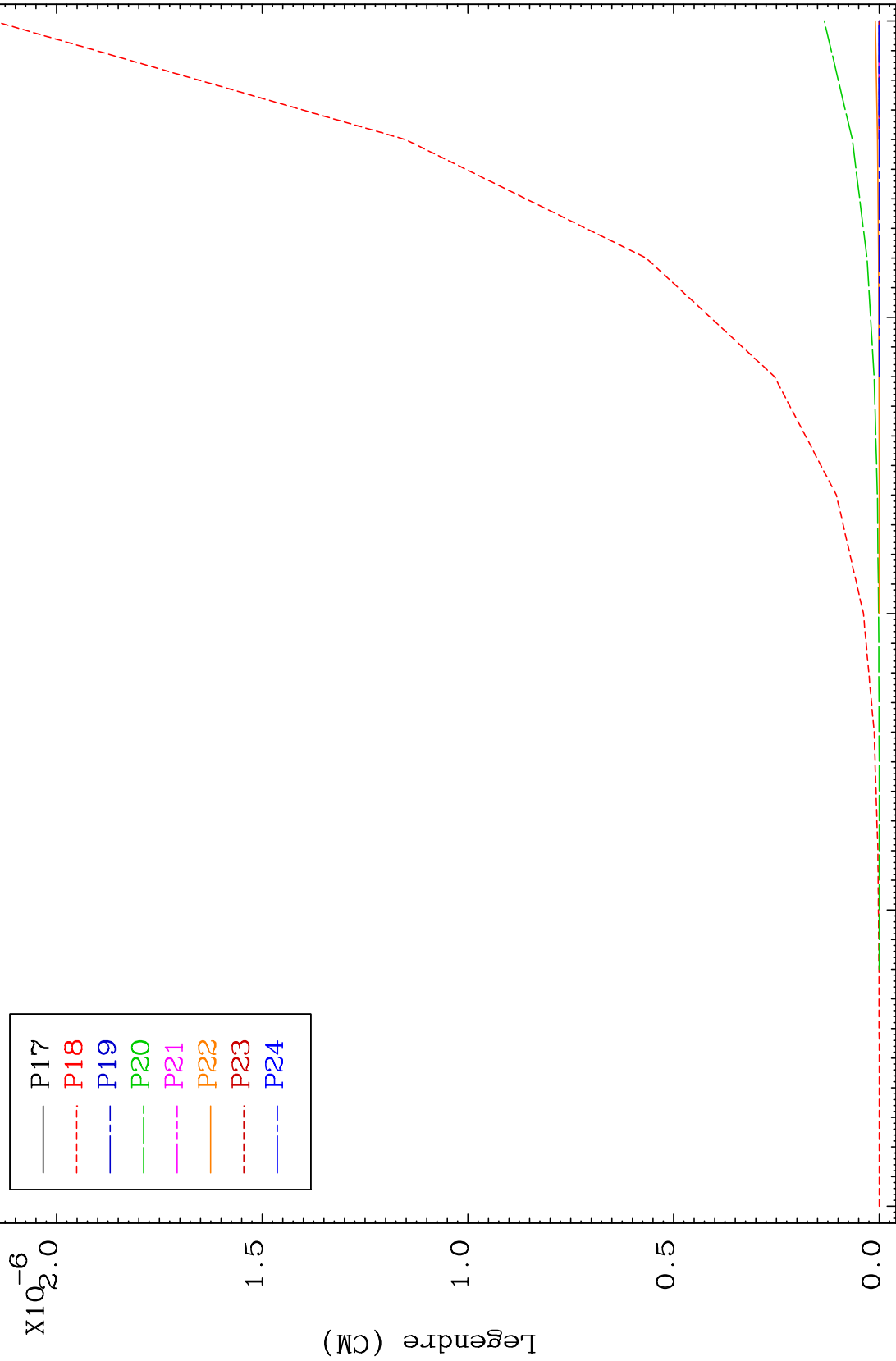
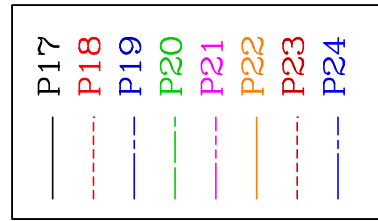
Incident Energy (MeV)

39-Y -87

MAT 3920

### Elastic Legendre Coefficients

39-Y -87



17

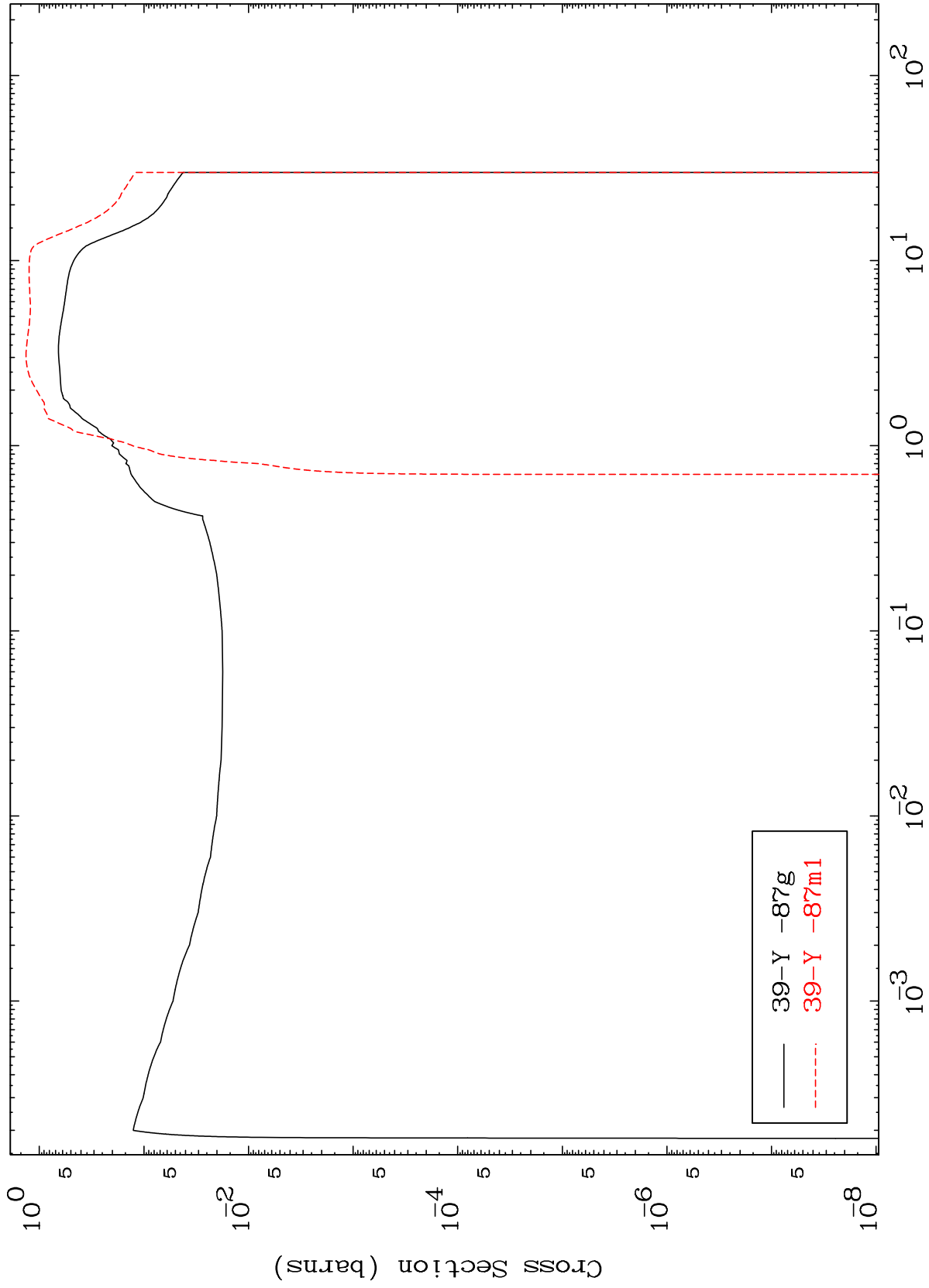
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

### Inelastic Radionuclide Production Cross Section



18

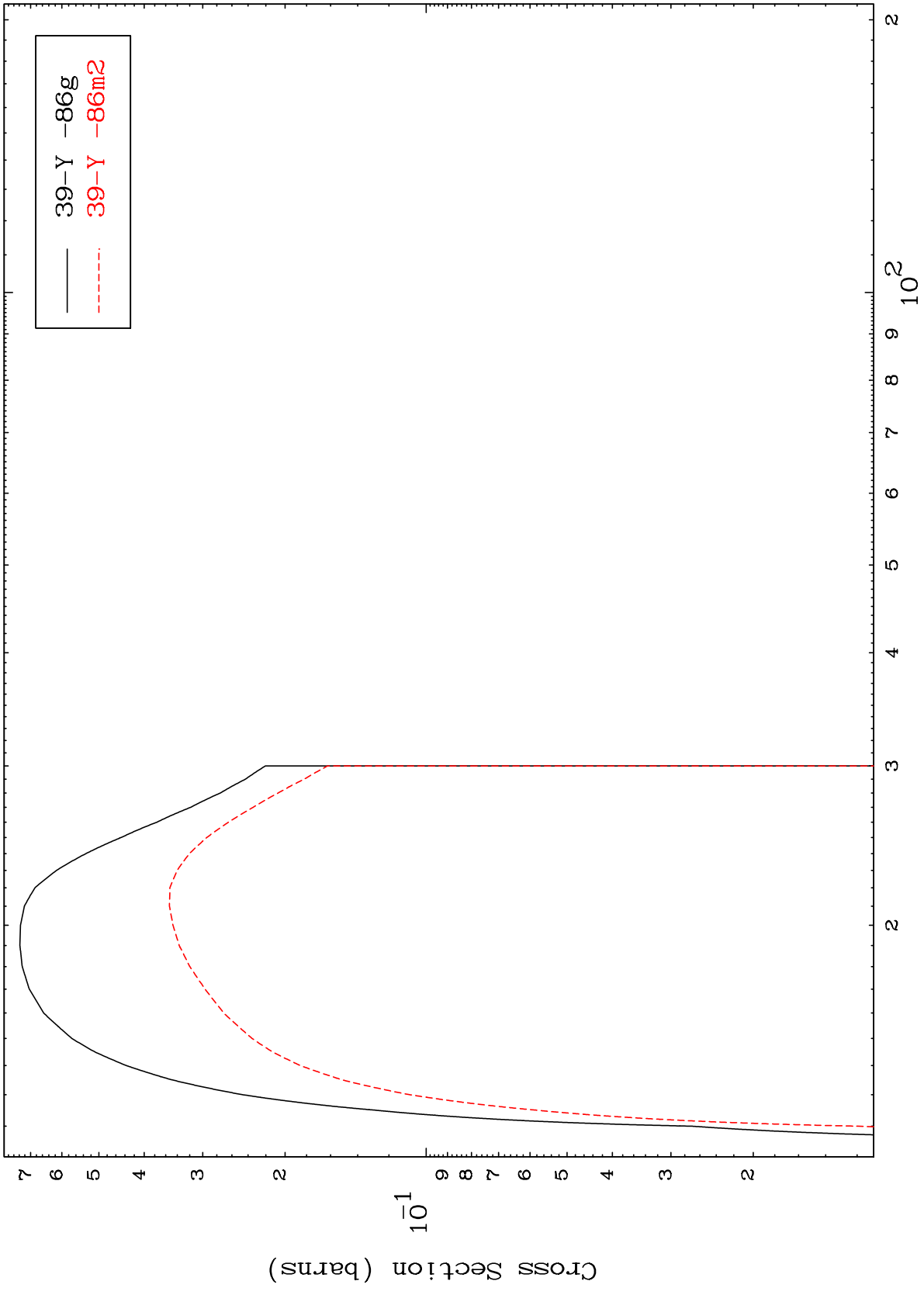
39-Y -87

MAT 3920

(n,2n)

39-Y -87

Radionuclide Production Cross Section



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

19

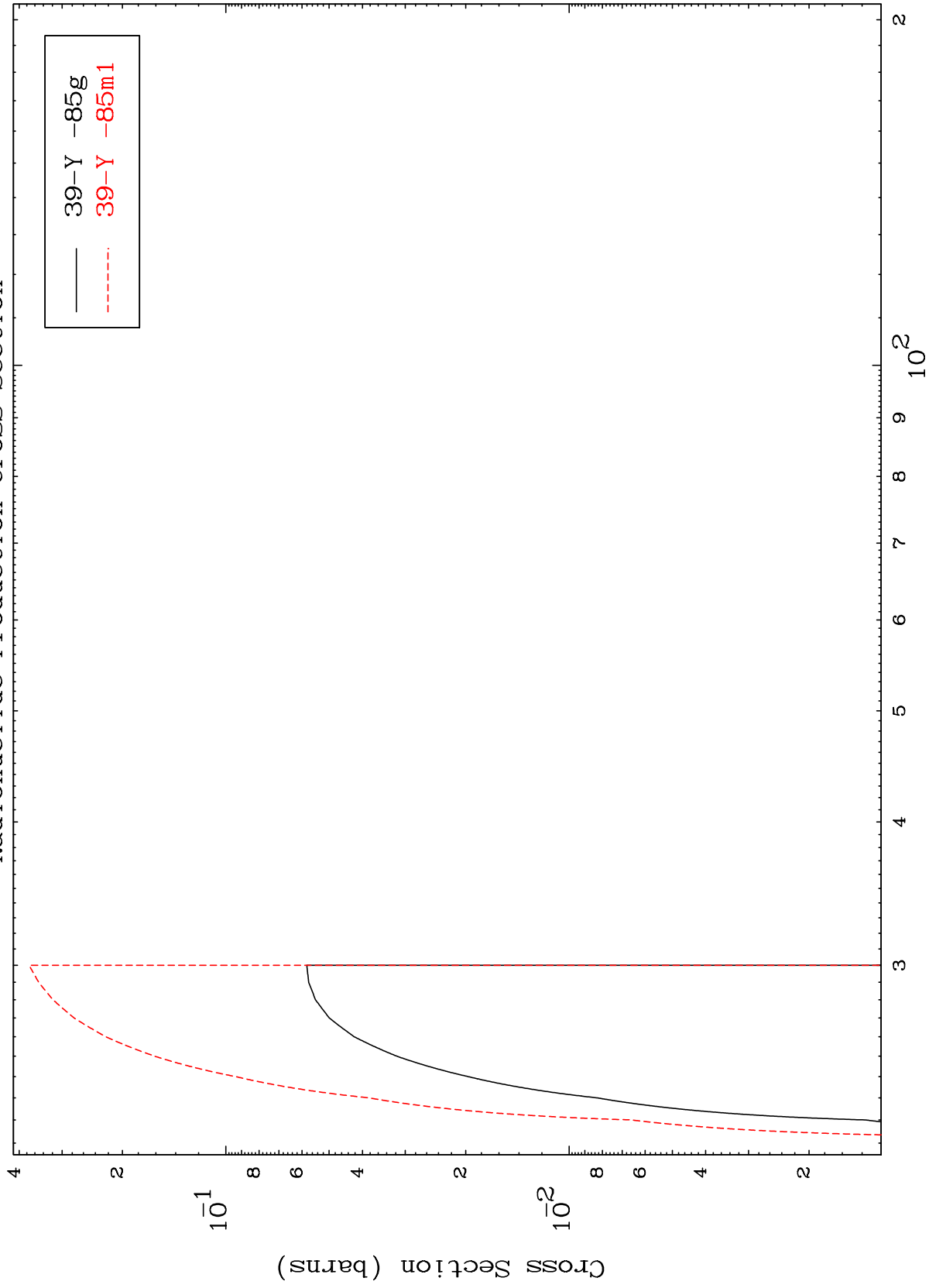
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

(n,3n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

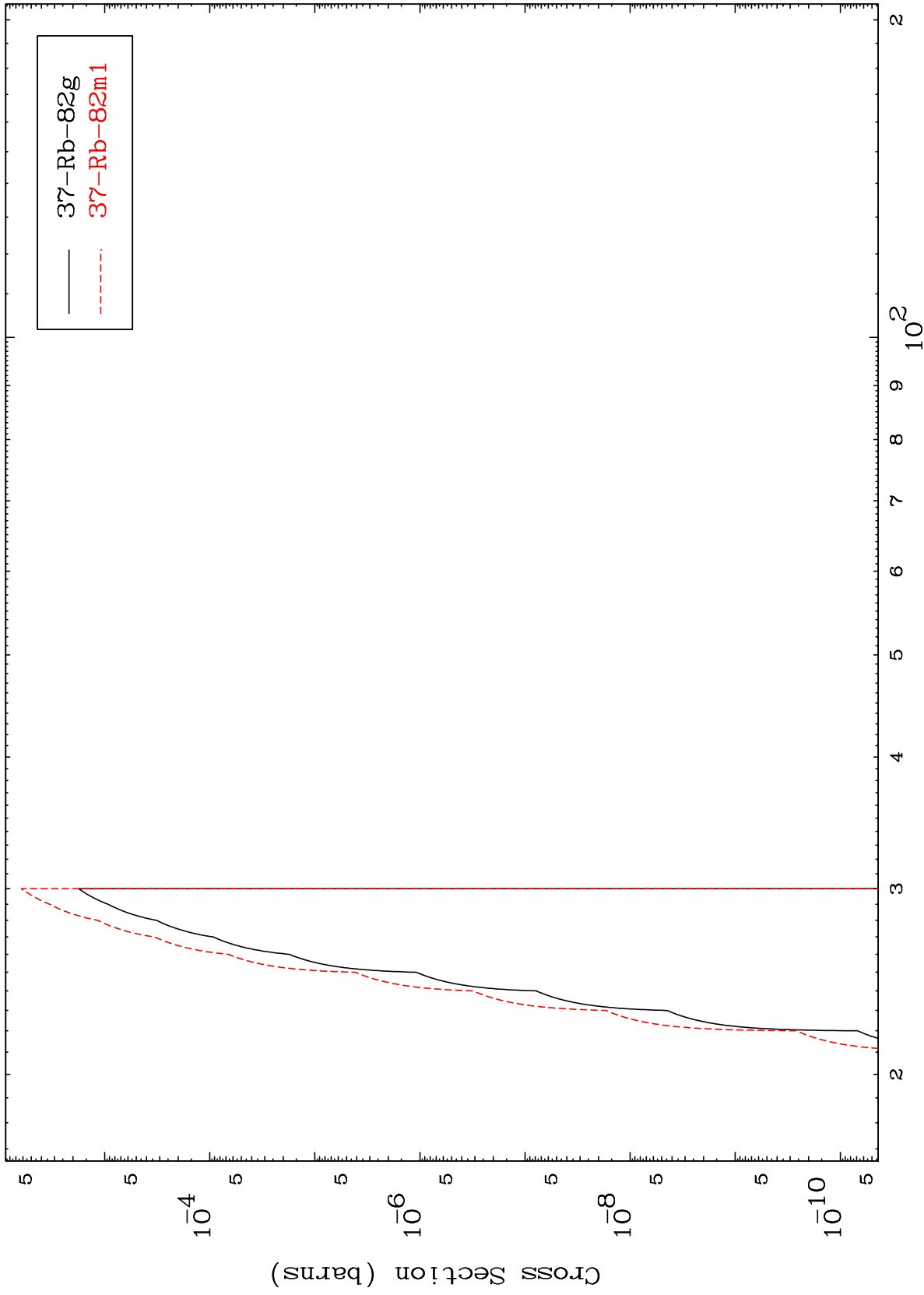
39-Y -87

MAT 3920

(n,2n)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

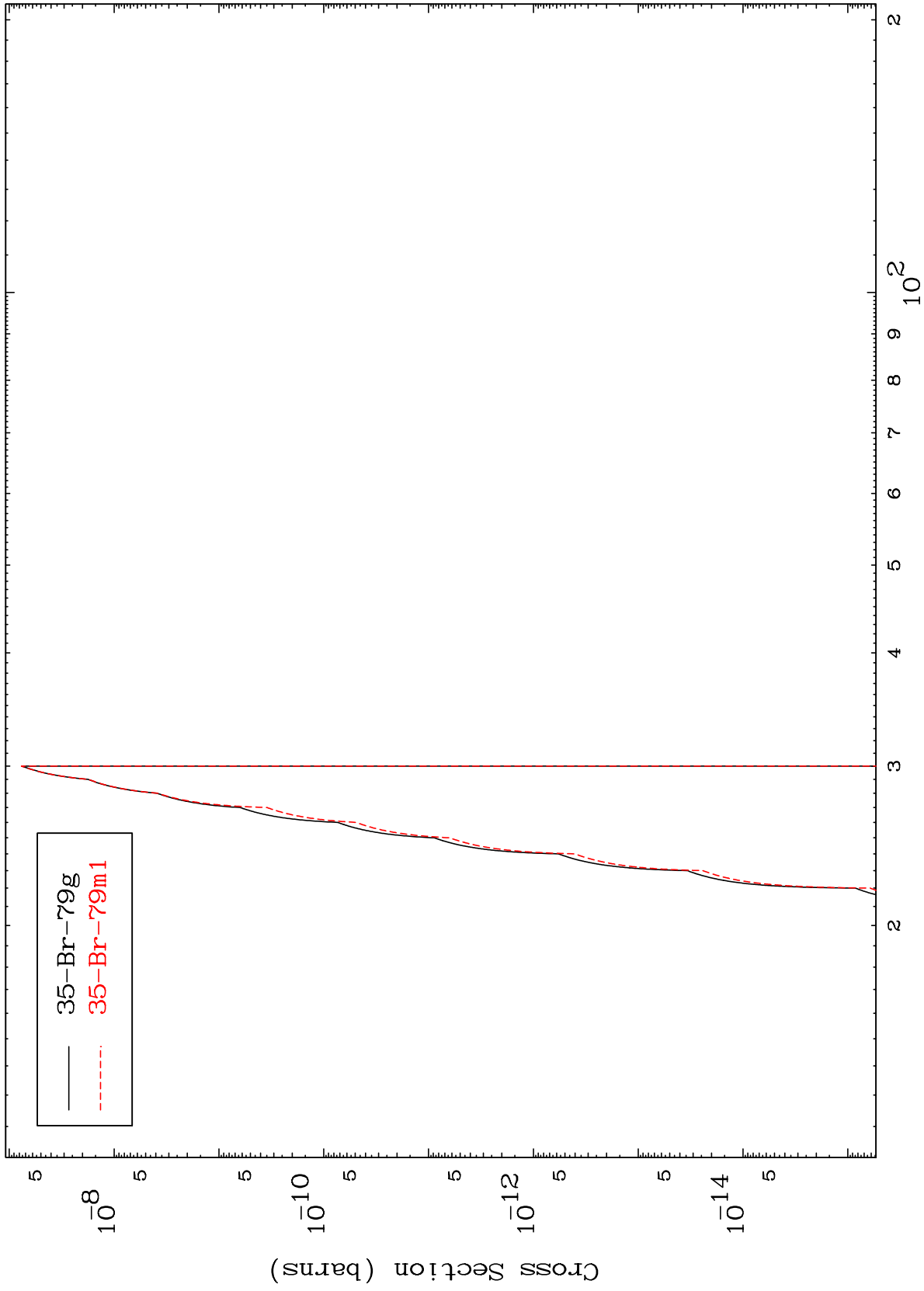
39-Y -87

MAT 3920

(n,n') 2 $\alpha$

39-Y -87

Radionuclide Production Cross Section



22

Incident Energy (MeV)

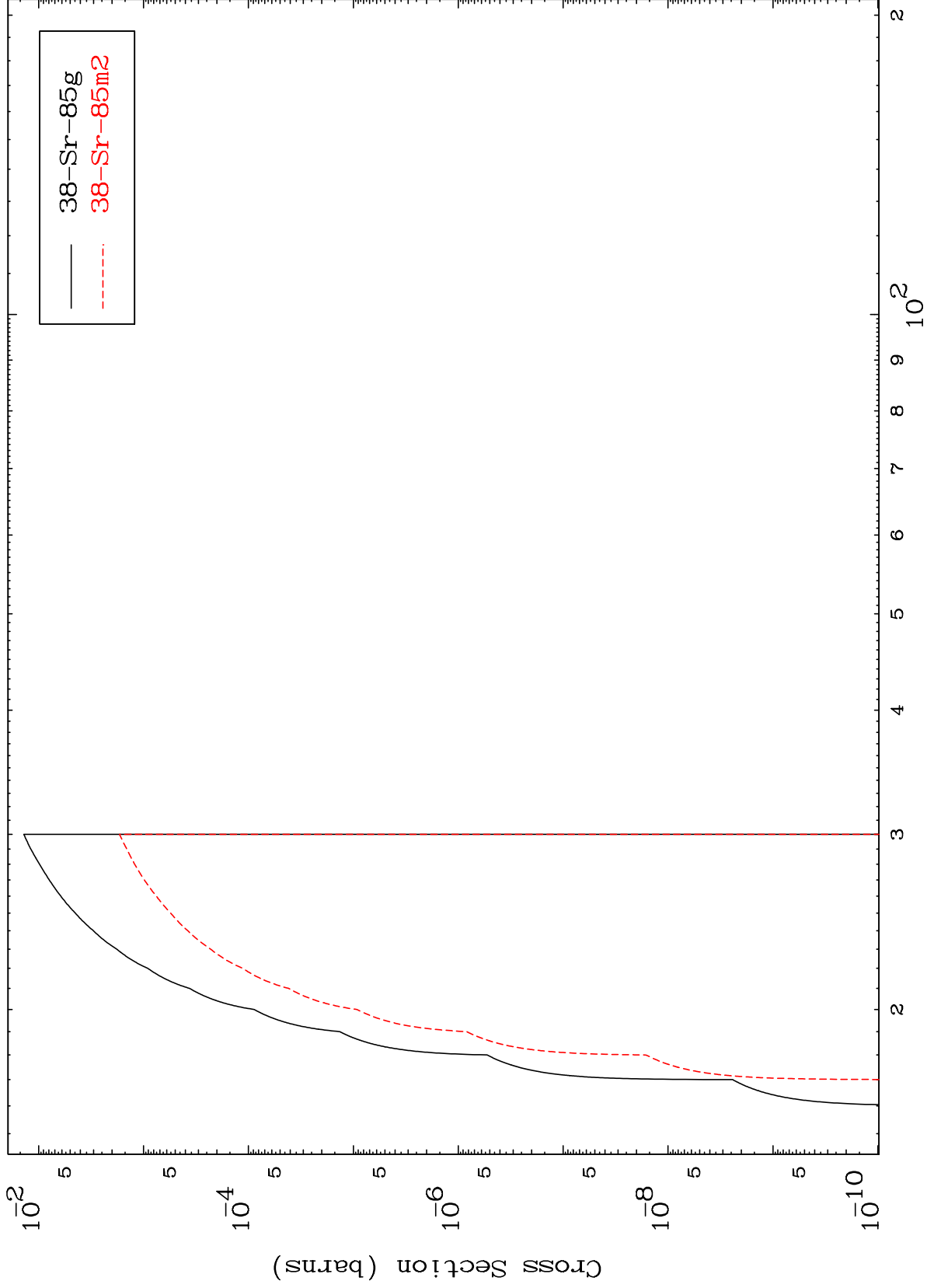
39-Y -87

MAT 3920

(n,n') d

39-Y -87

Radionuclide Production Cross Section



23

Incident Energy (MeV)

39-Y -87

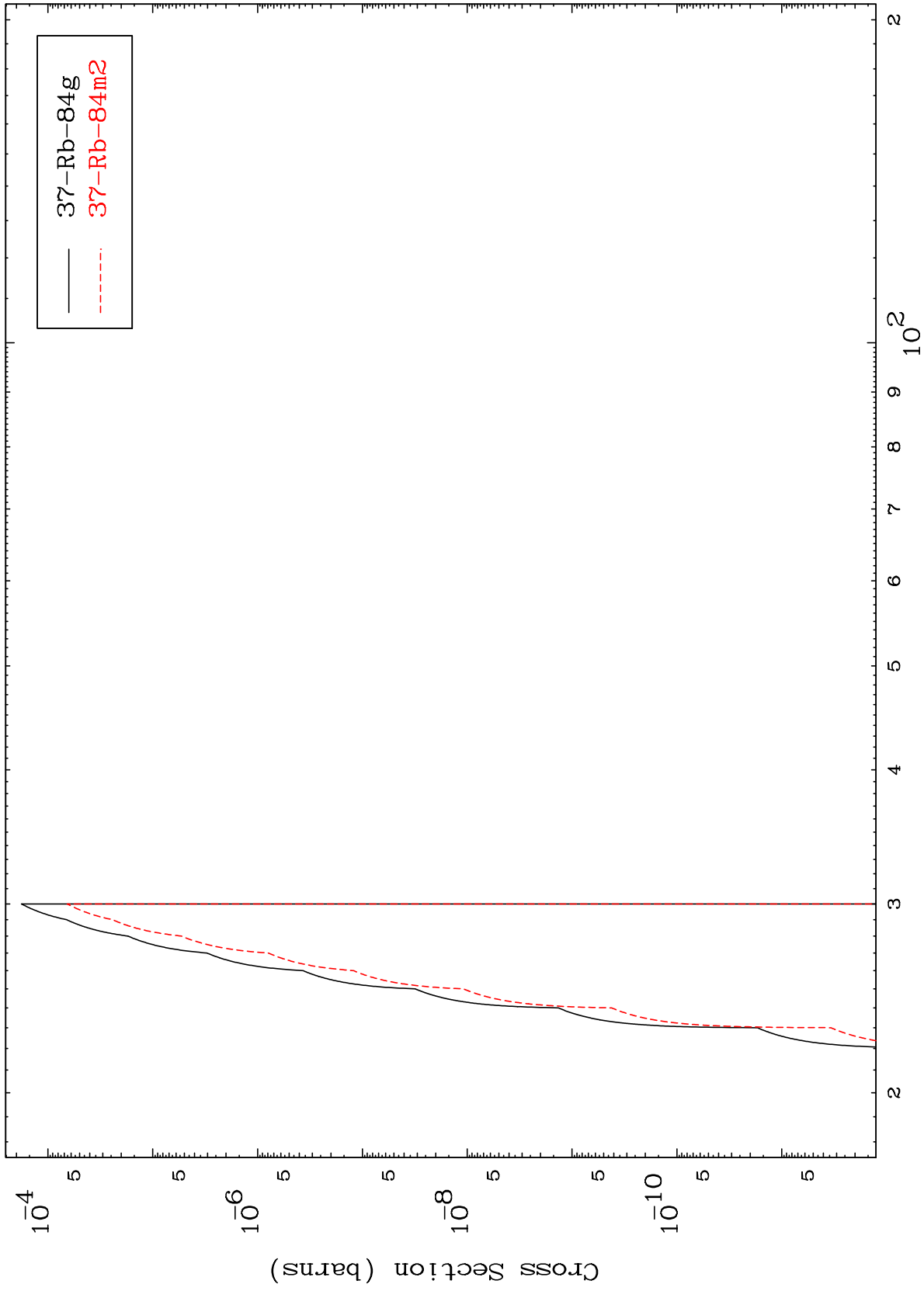


MAT 3920

(n, n') He-3

39-Y -87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

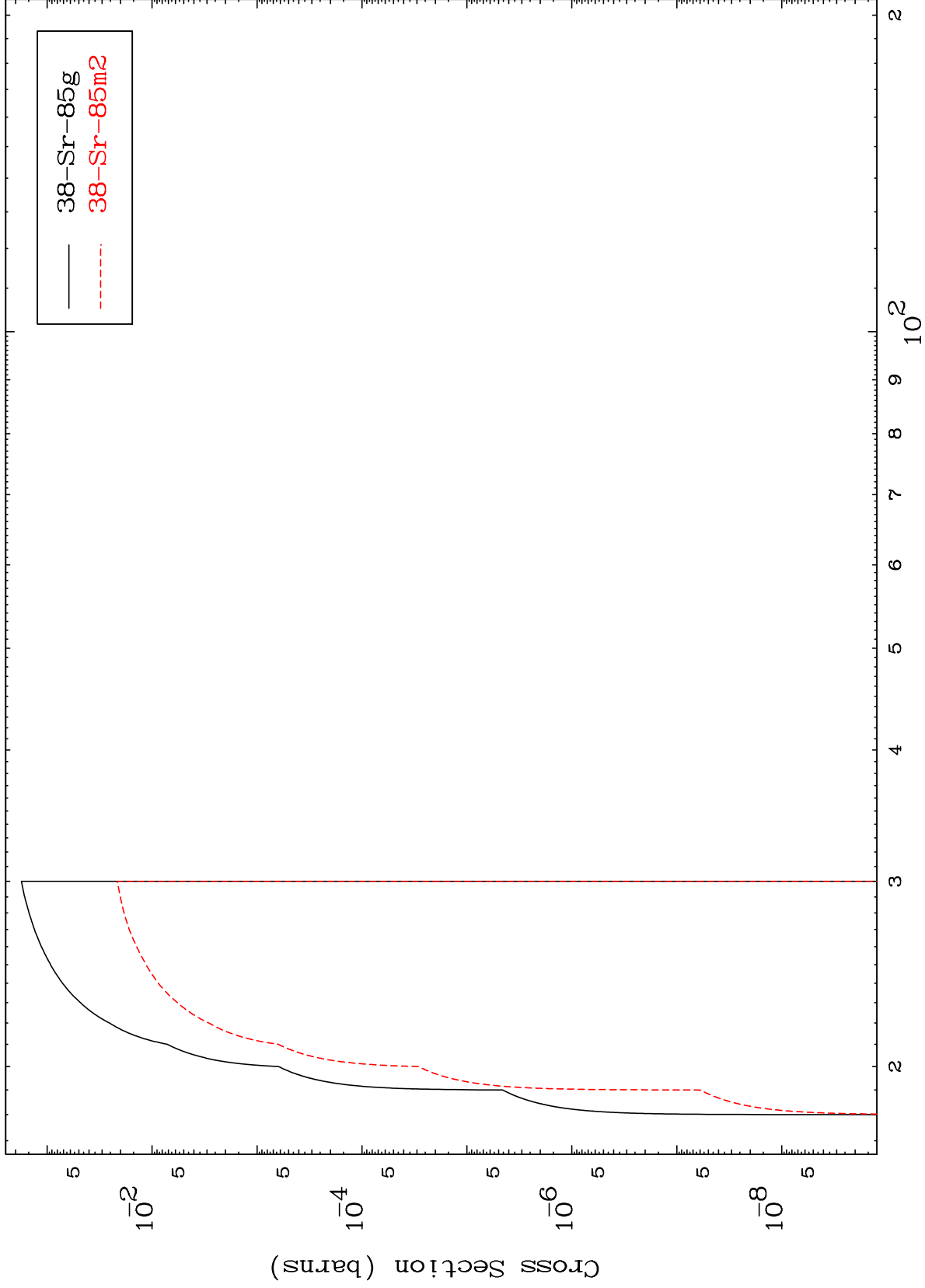
39-Y -87

MAT 3920

(n,2n) p

39-Y -87

Radionuclide Production Cross Section



25

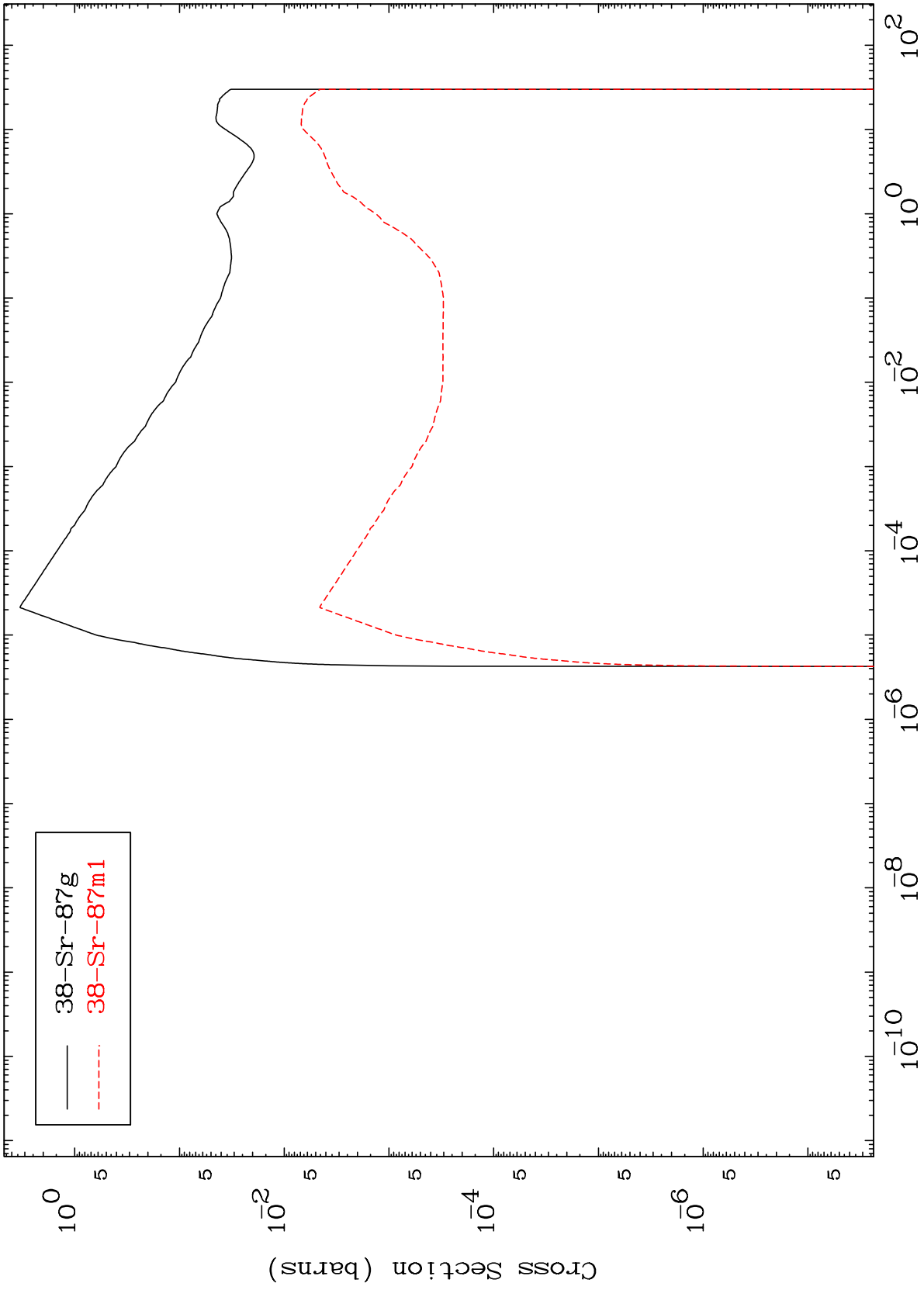
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

(n,p)  
Radionuclide Production Cross Section



— 38-Sr-87g  
- - - 38-Sr-87m1

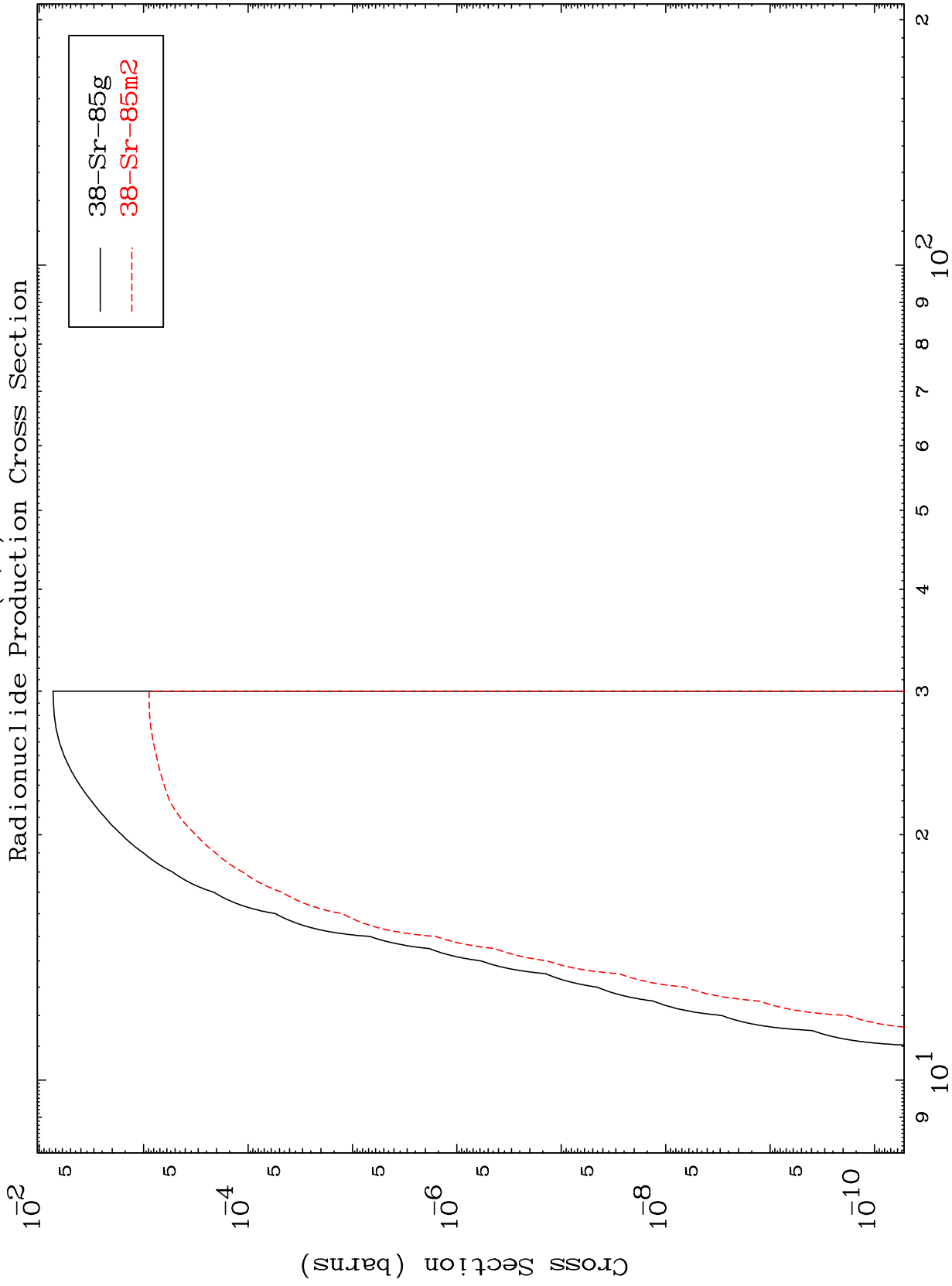
26

39-Y -87

MAT 3920

(n, t)

39-Y -87



39-Y -87

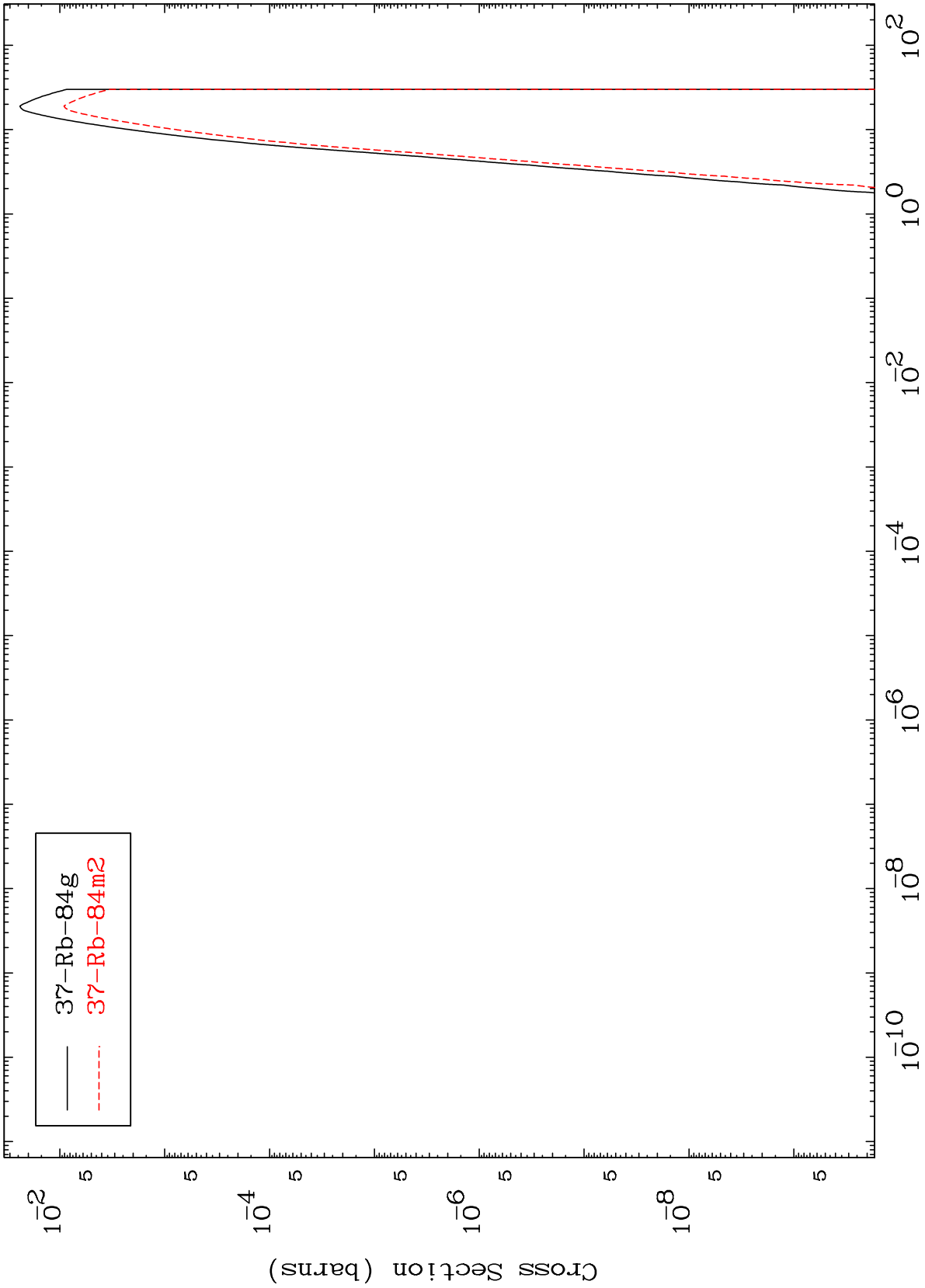
Incident Energy (MeV)

27

MAT 3920

(n,α)  
Radionuclide Production Cross Section

39-Y -87



— 37-Rb-84g  
- - - 37-Rb-84m2

28

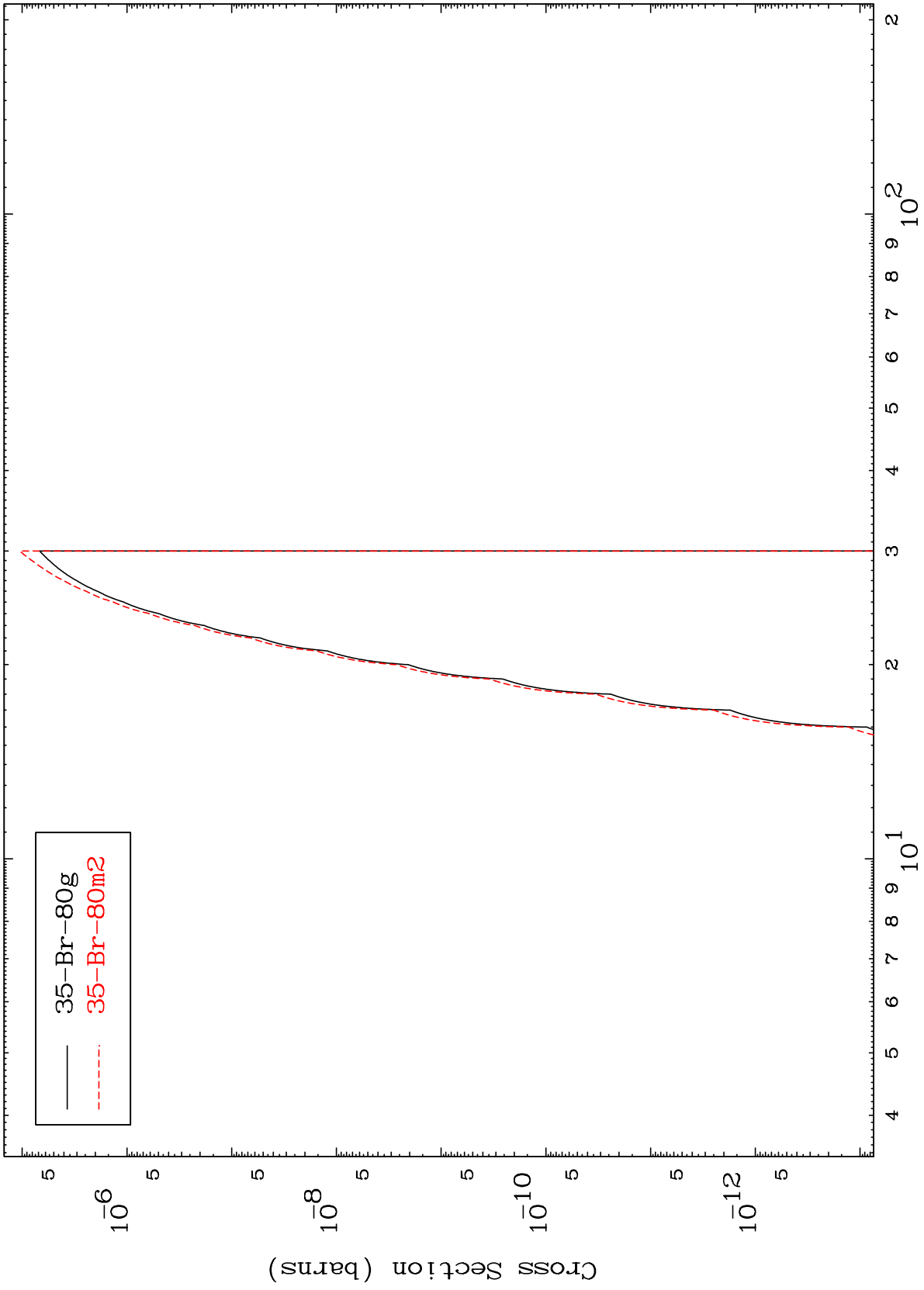
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

Radionuclide Production Cross Section  
(n,2α)



29

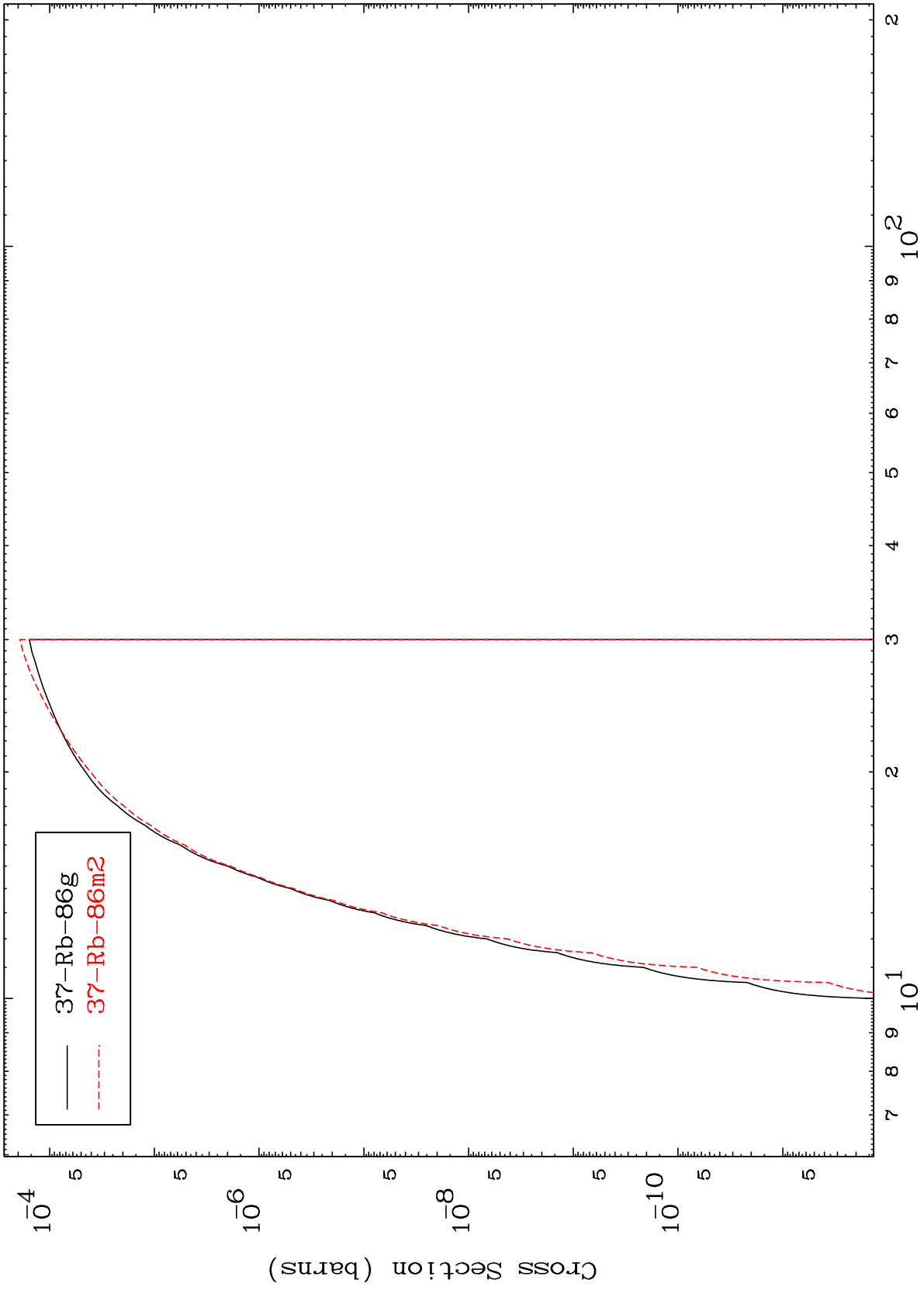
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

Radionuclide Production Cross Section (n,2p)



30

Incident Energy (MeV)

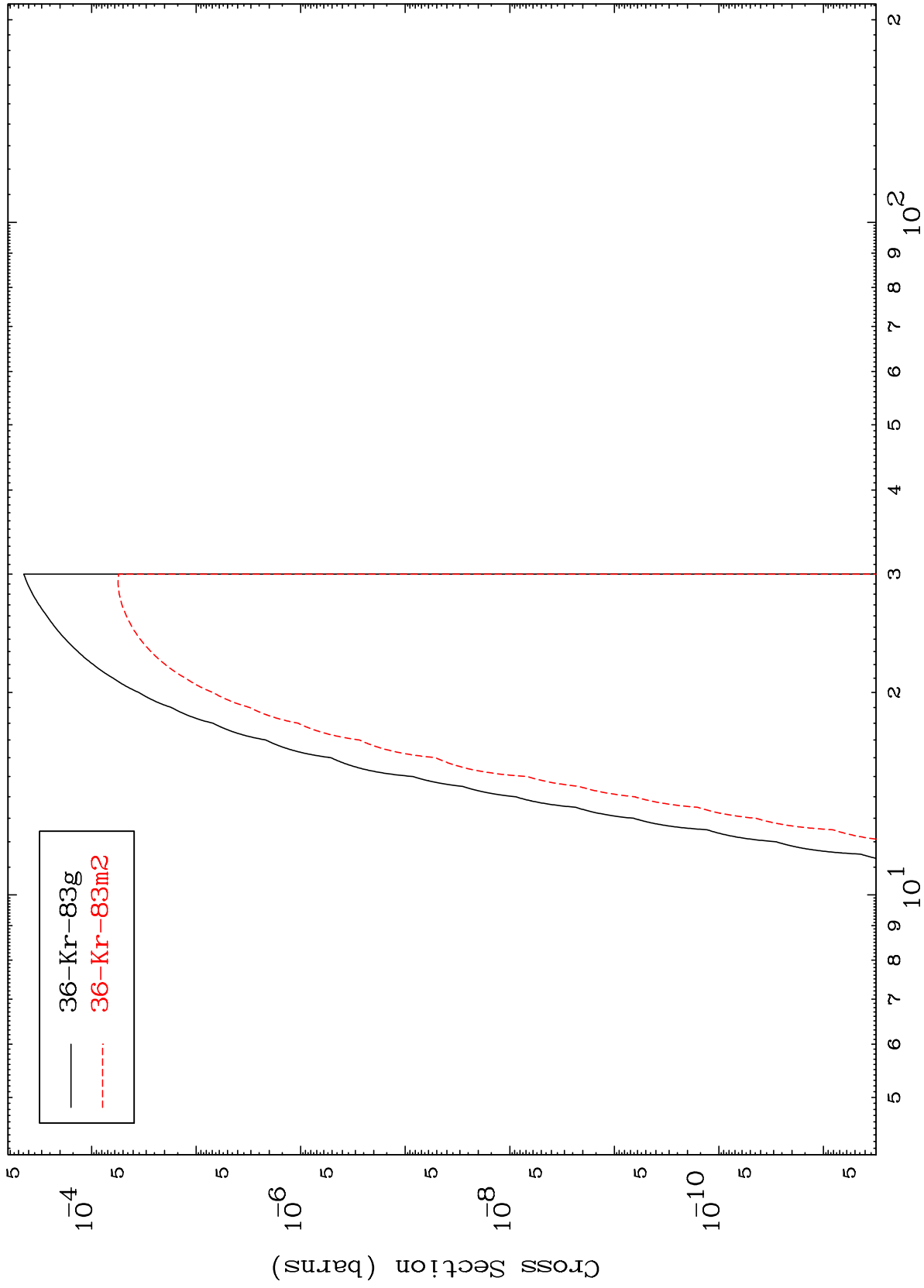
39-Y -87

MAT 3920

(n,p)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



31

Incident Energy (MeV)

39-Y -87

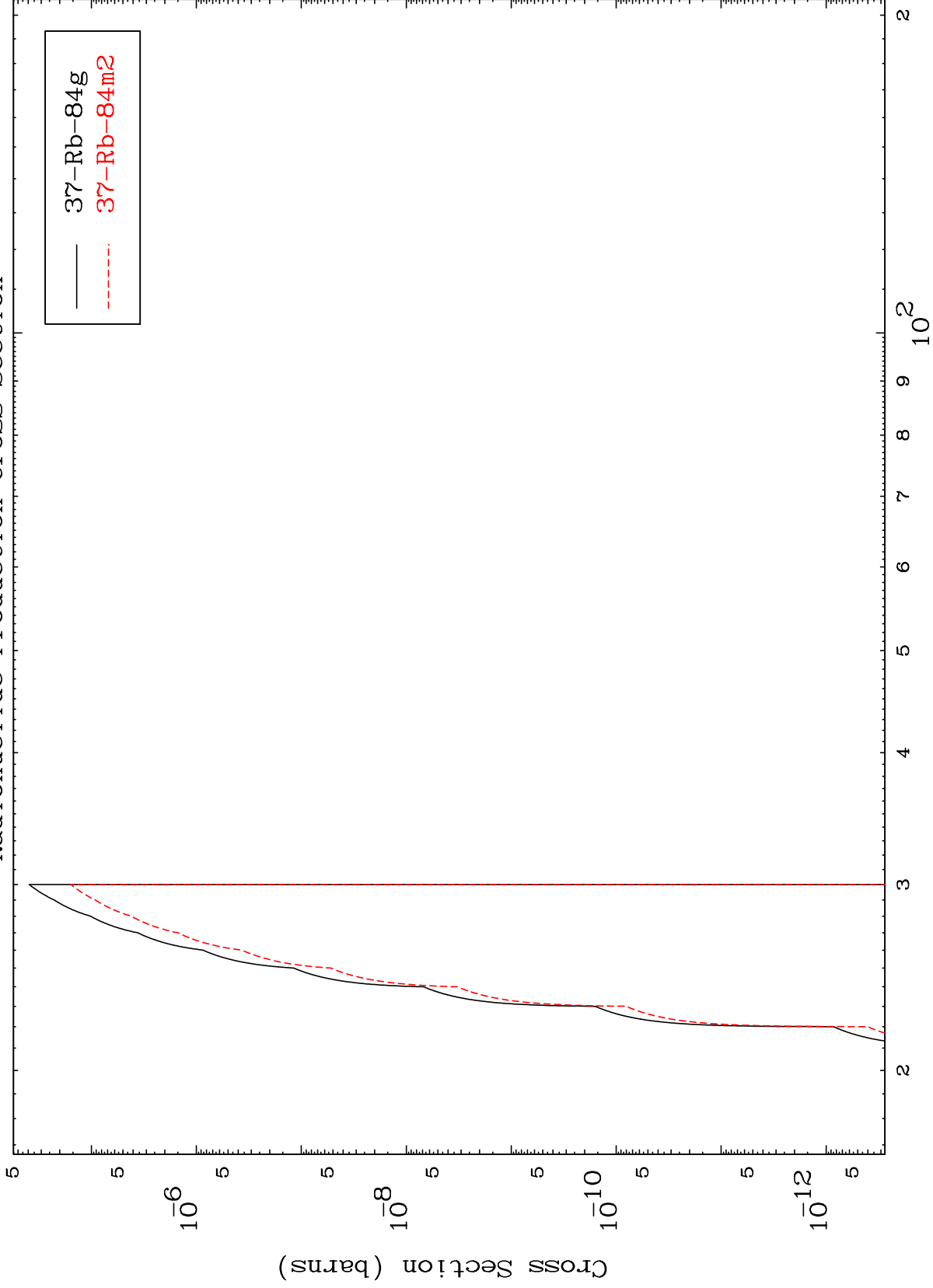


MAT 3920

(n,p) t

39-Y -87

Radionuclide Production Cross Section



32

Incident Energy (MeV)

39-Y -87