

Program EVALPLOT  
(Version 2018-1)

by

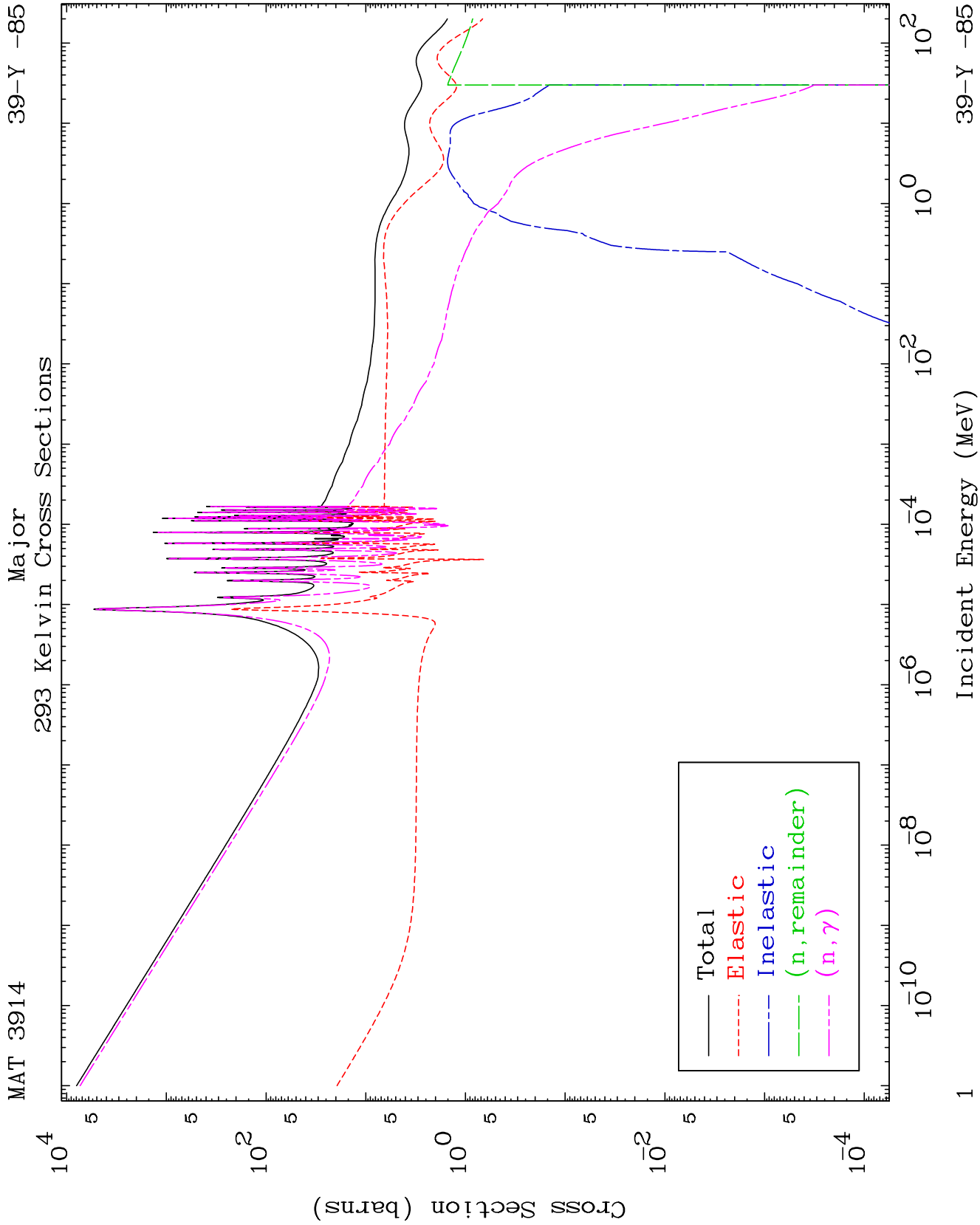
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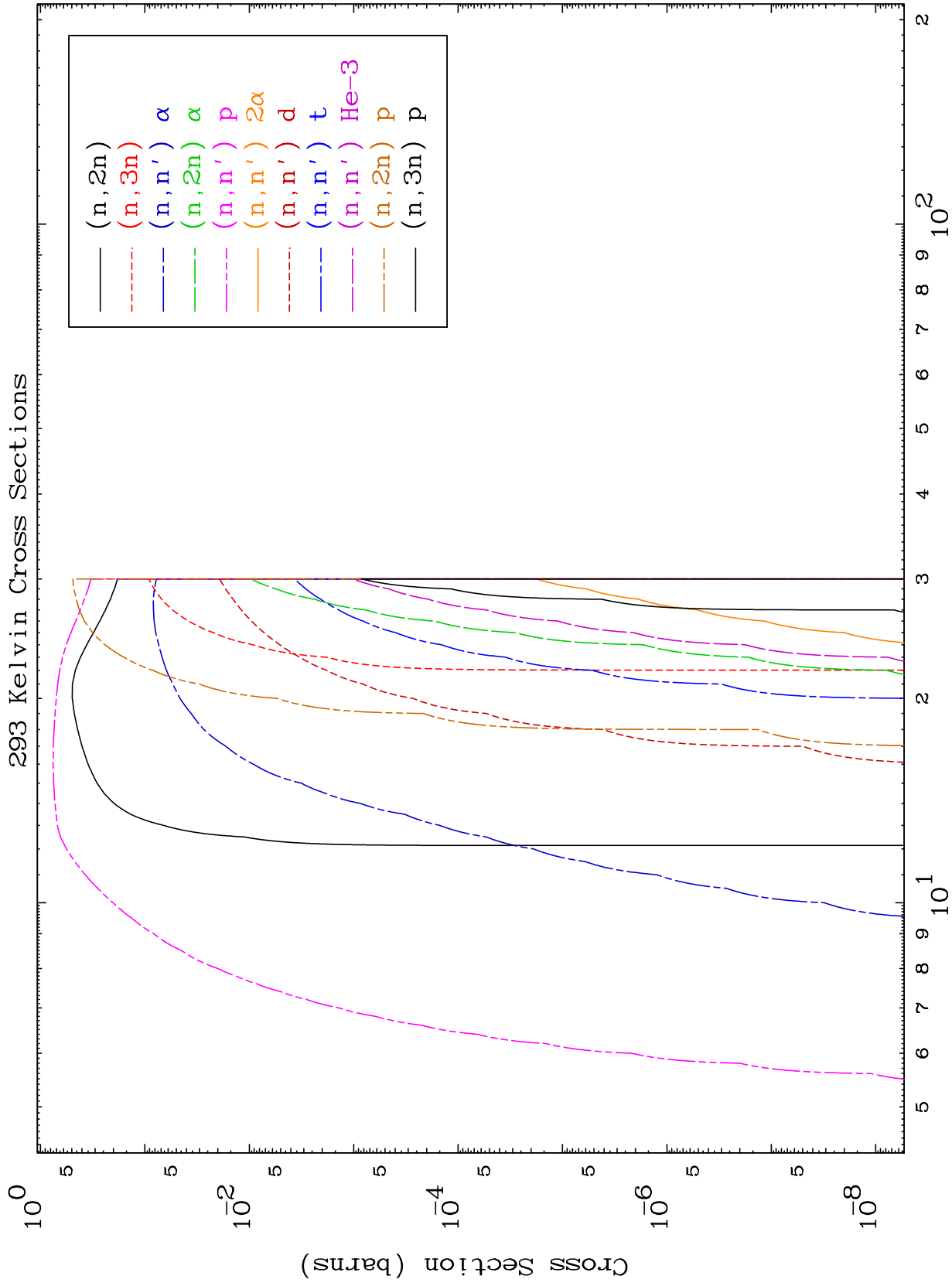
Press Mouse Button to Start



MAT 3914

Neutron Production  
293 Kelvin Cross Sections

39-Y -85



2

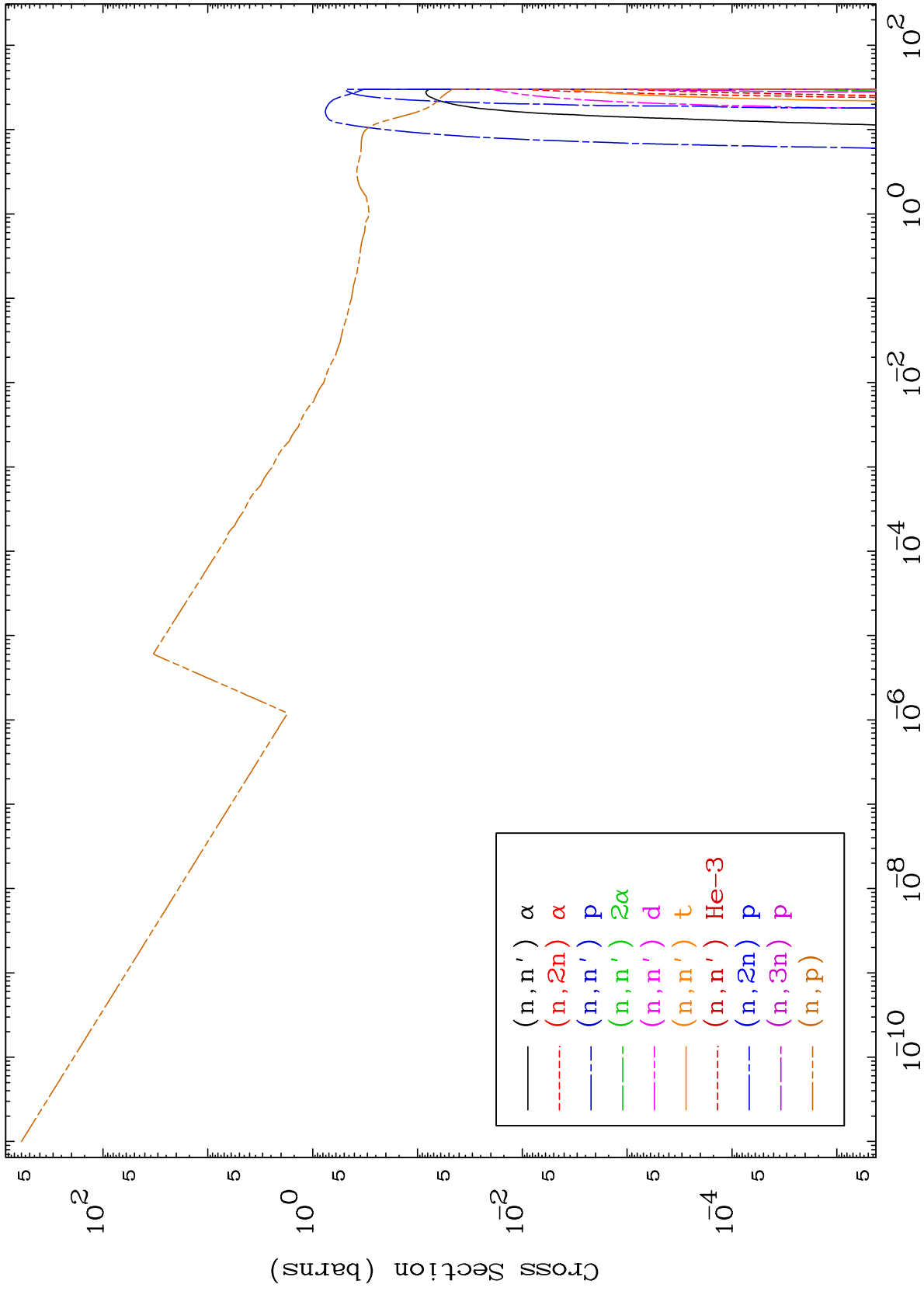
Incident Energy (MeV)

39-Y -85

MAT 3914

Charged Particle  
293 Kelvin Cross Sections

39-Y -85



3

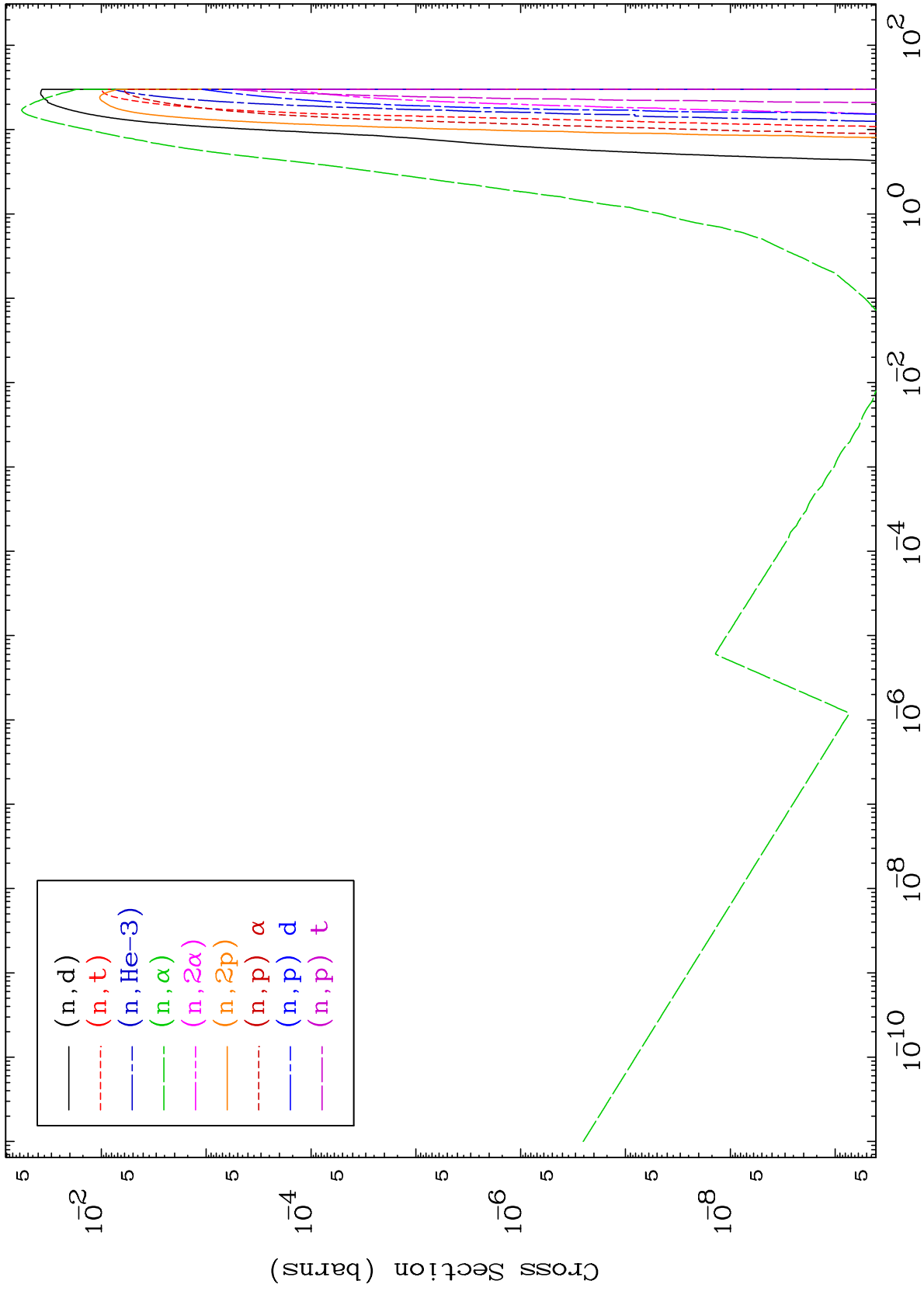
Incident Energy (MeV)

39-Y -85

MAT 3914

Charged Particle  
293 Kelvin Cross Sections

39-Y -85



4

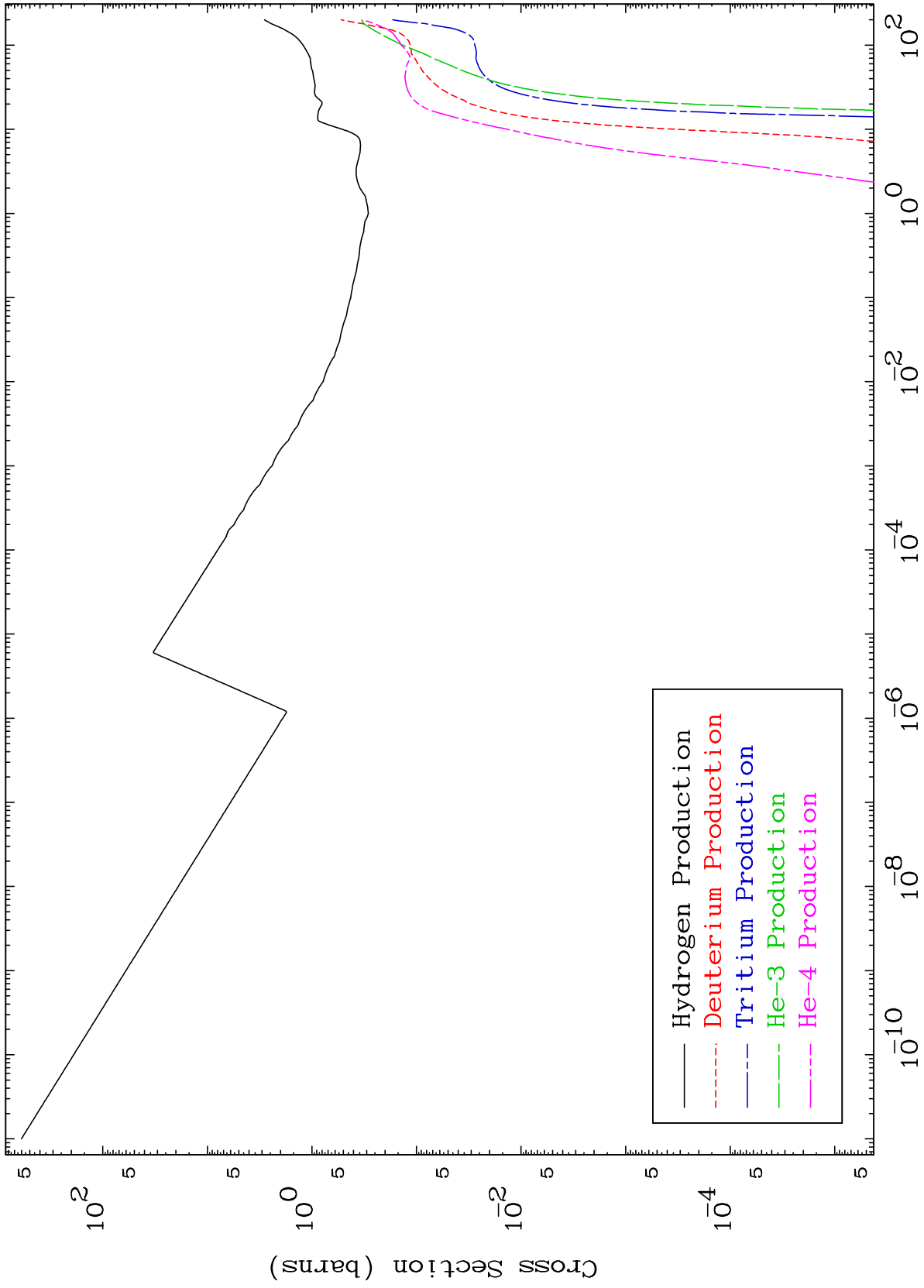
Incident Energy (MeV)

39-Y -85

MAT 3914

Particle Production  
293 Kelvin Cross Sections

39-Y -85



5

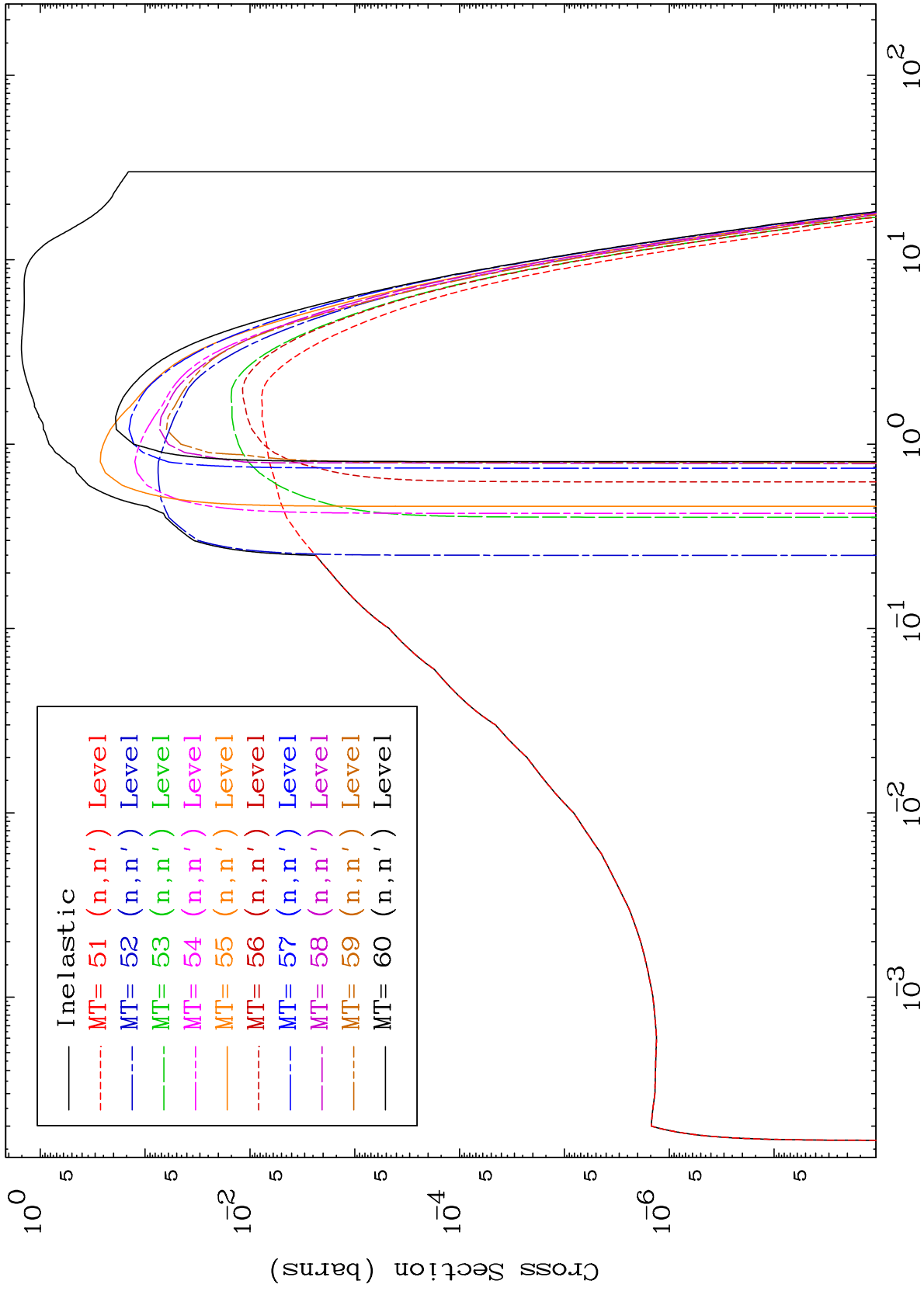
Incident Energy (MeV)

39-Y -85

MAT 3914

293 Kelvin Cross Sections

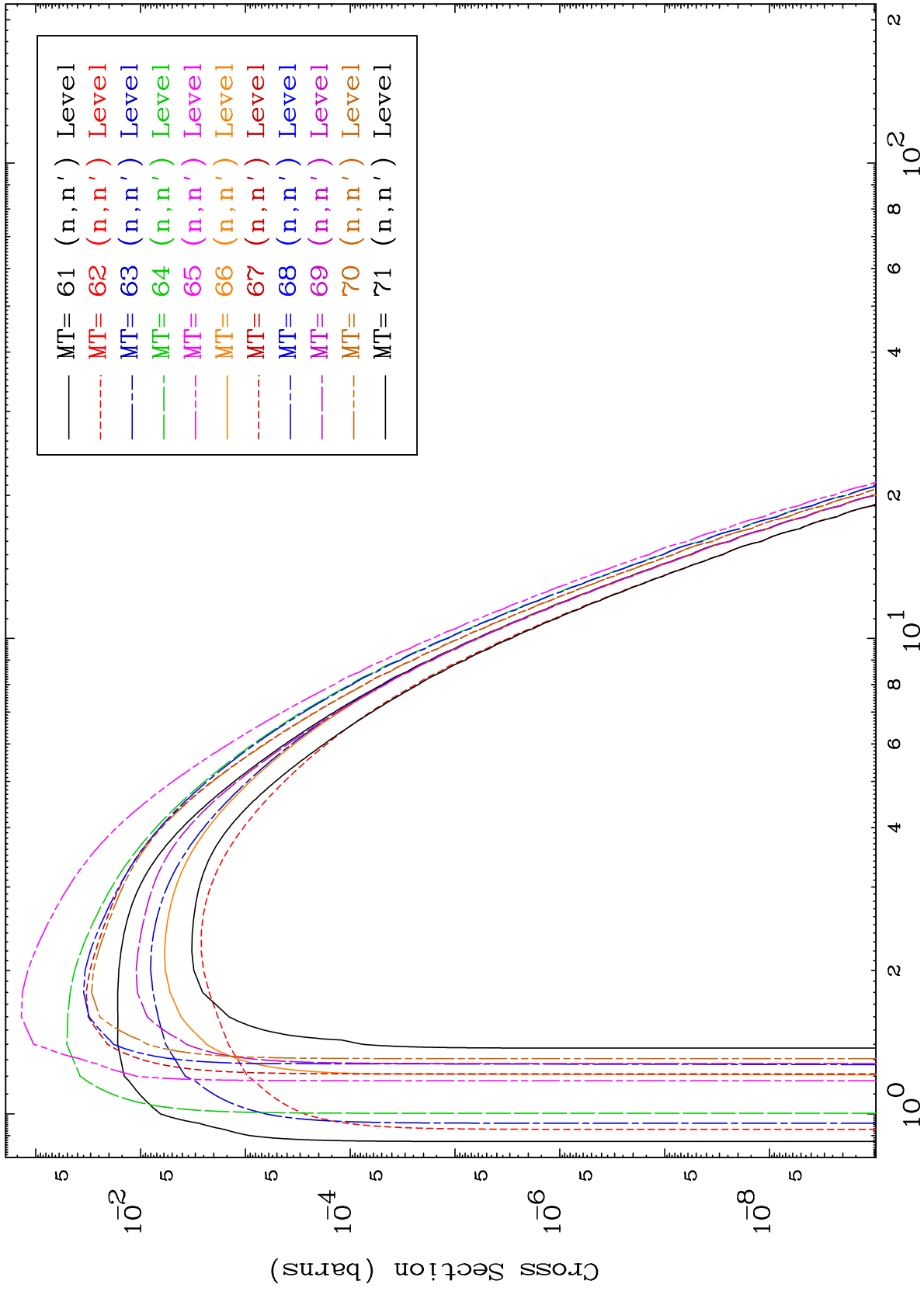
39-Y -85



MAT 3914

(n,n') Level  
293 Kelvin Cross Sections

39-Y -85



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Incident Energy (MeV)

39-Y -85

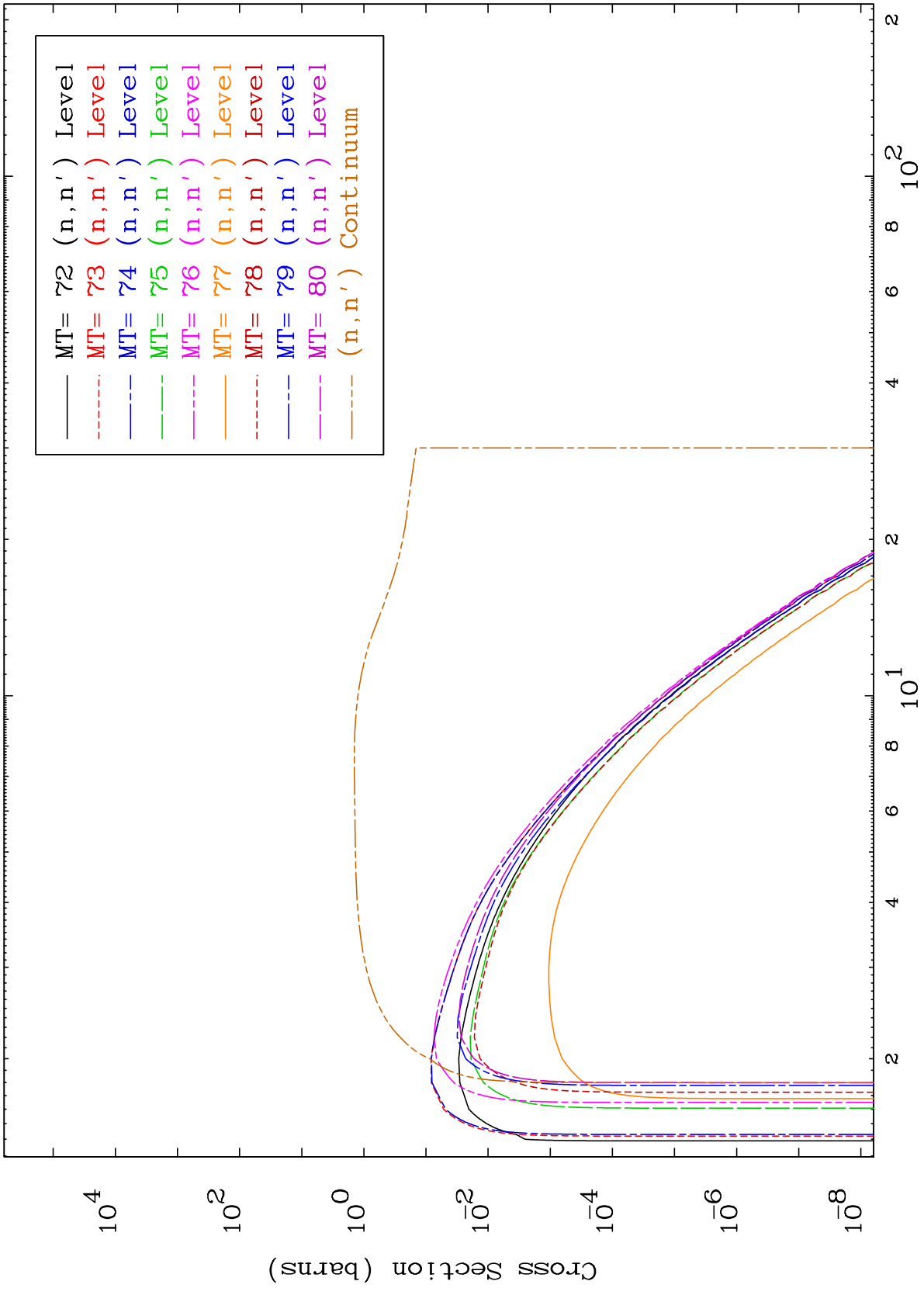


MAT 3914

(n,n') Level

39-Y -85

293 Kelvin Cross Sections



8

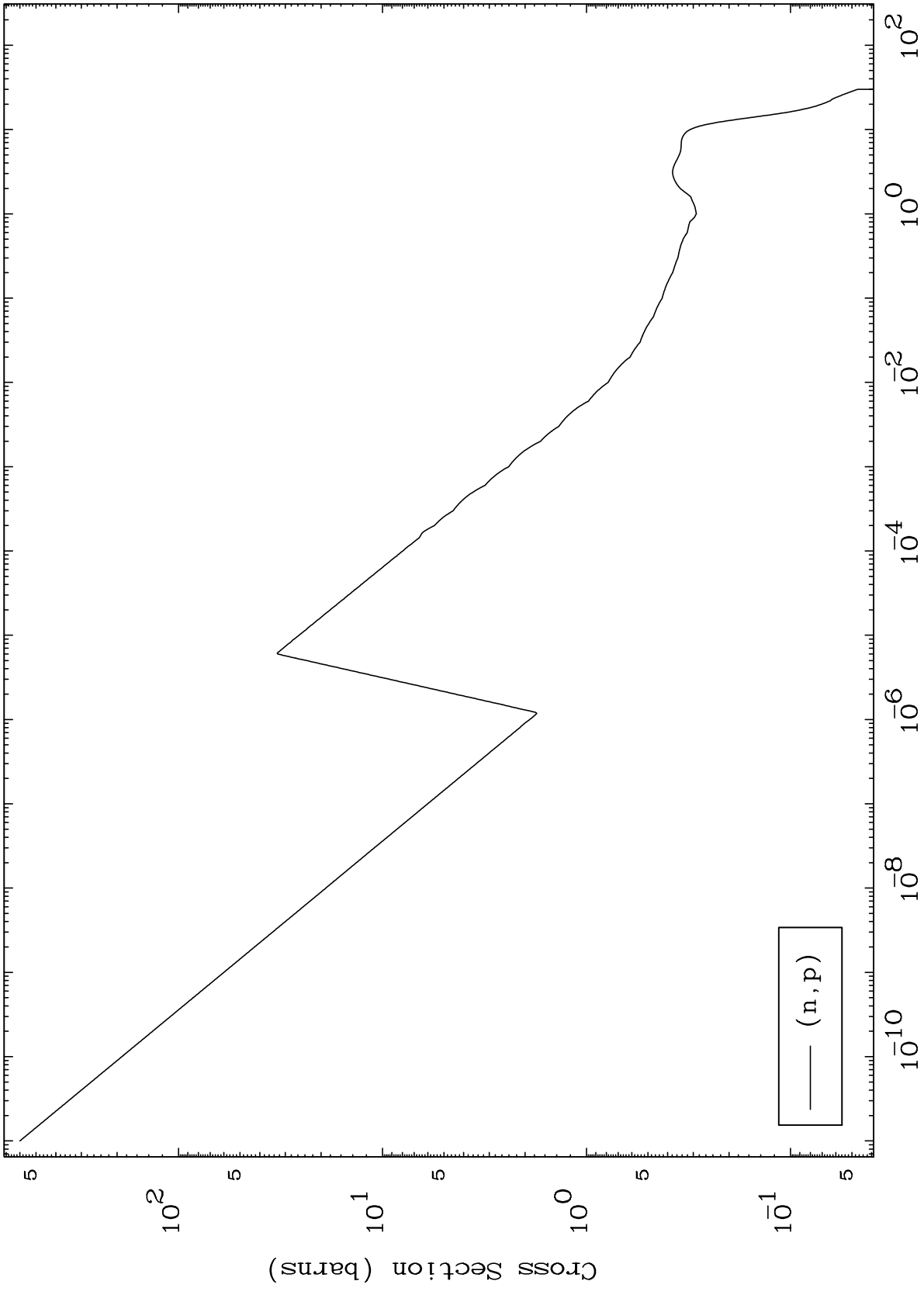
Incident Energy (MeV)

39-Y -85

MAT 3914

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -85

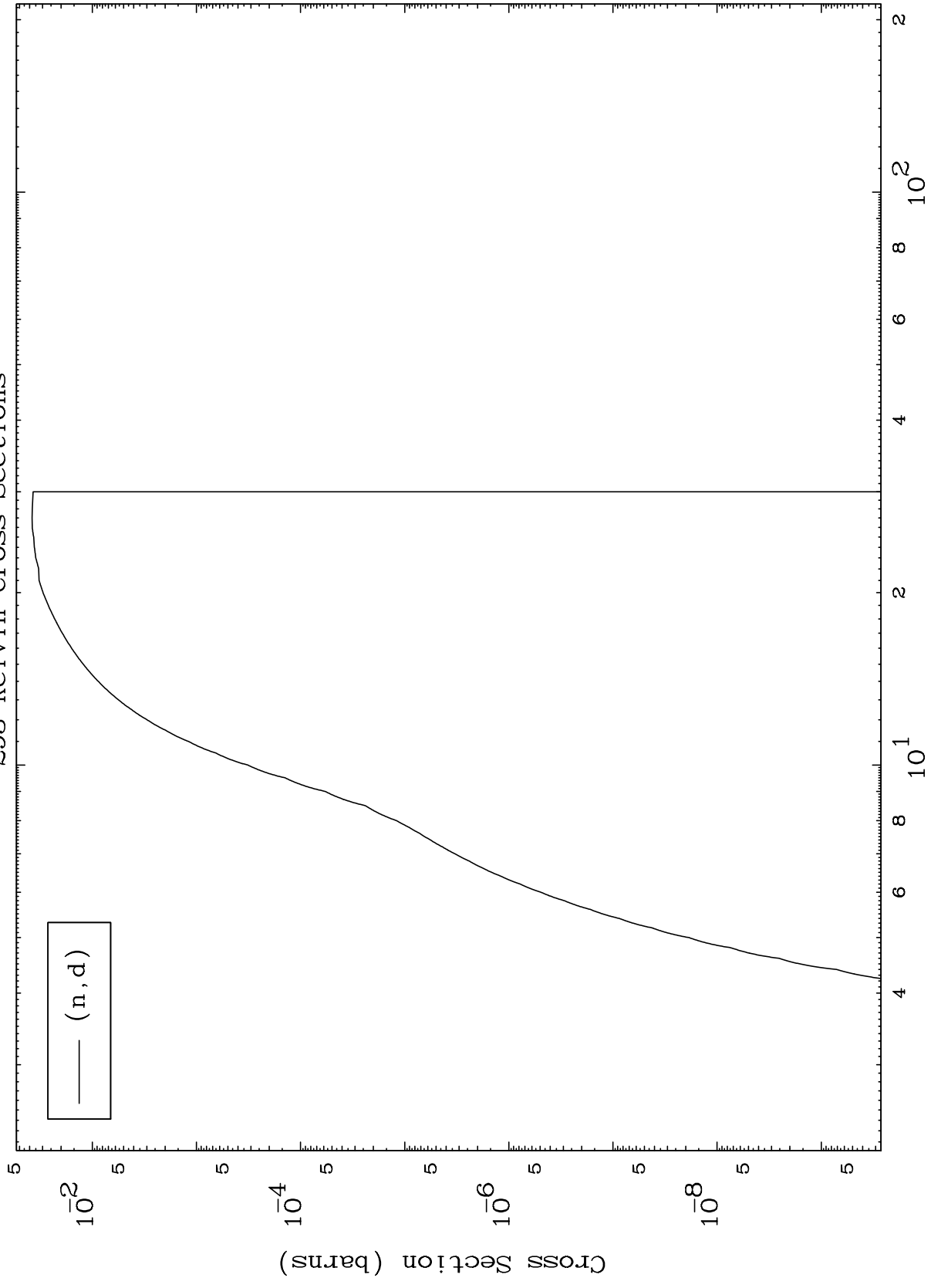


— (n,p)

MAT 3914

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -85



10

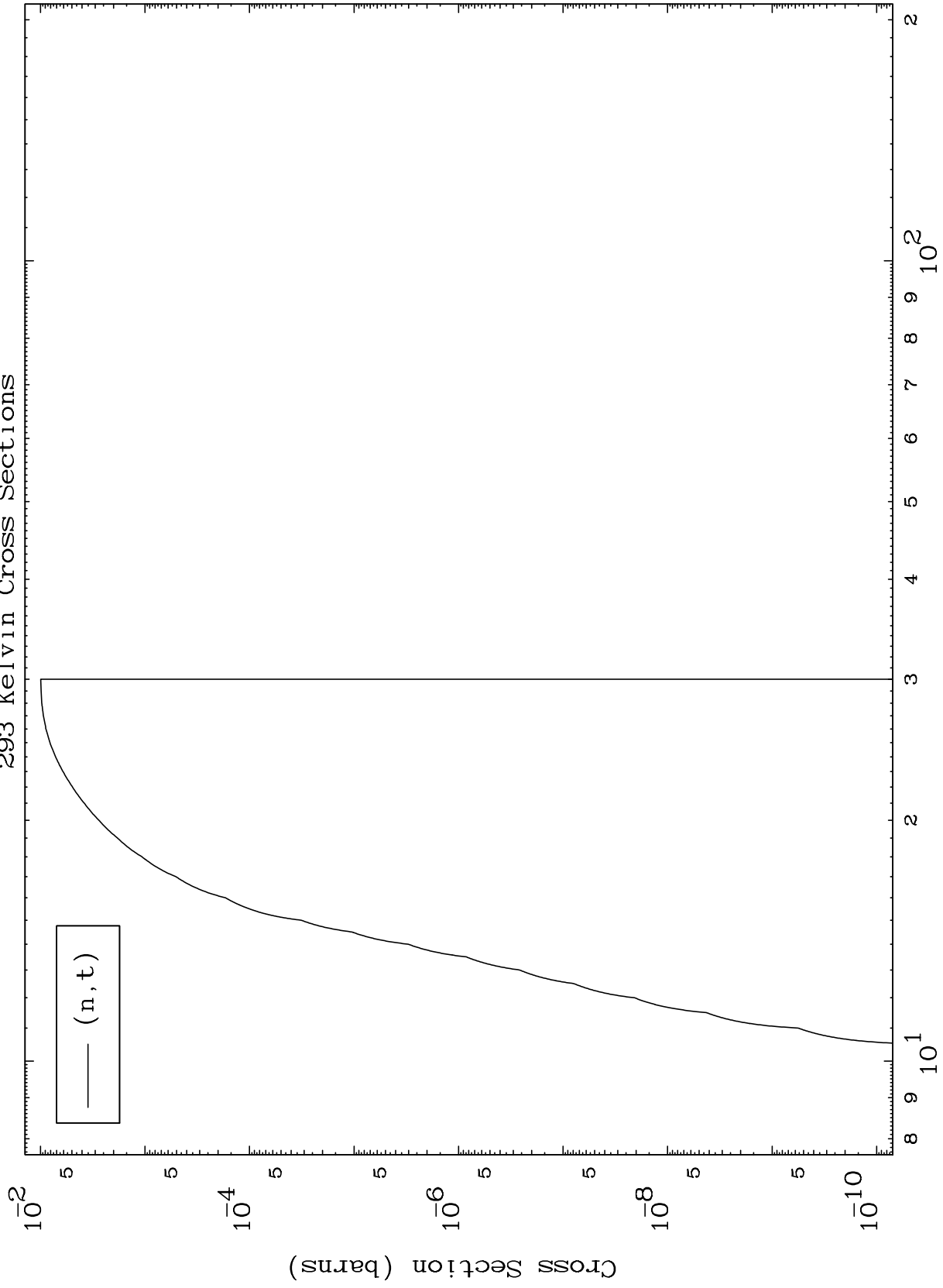
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

(n,t) Levels  
293 Kelvin Cross Sections



11

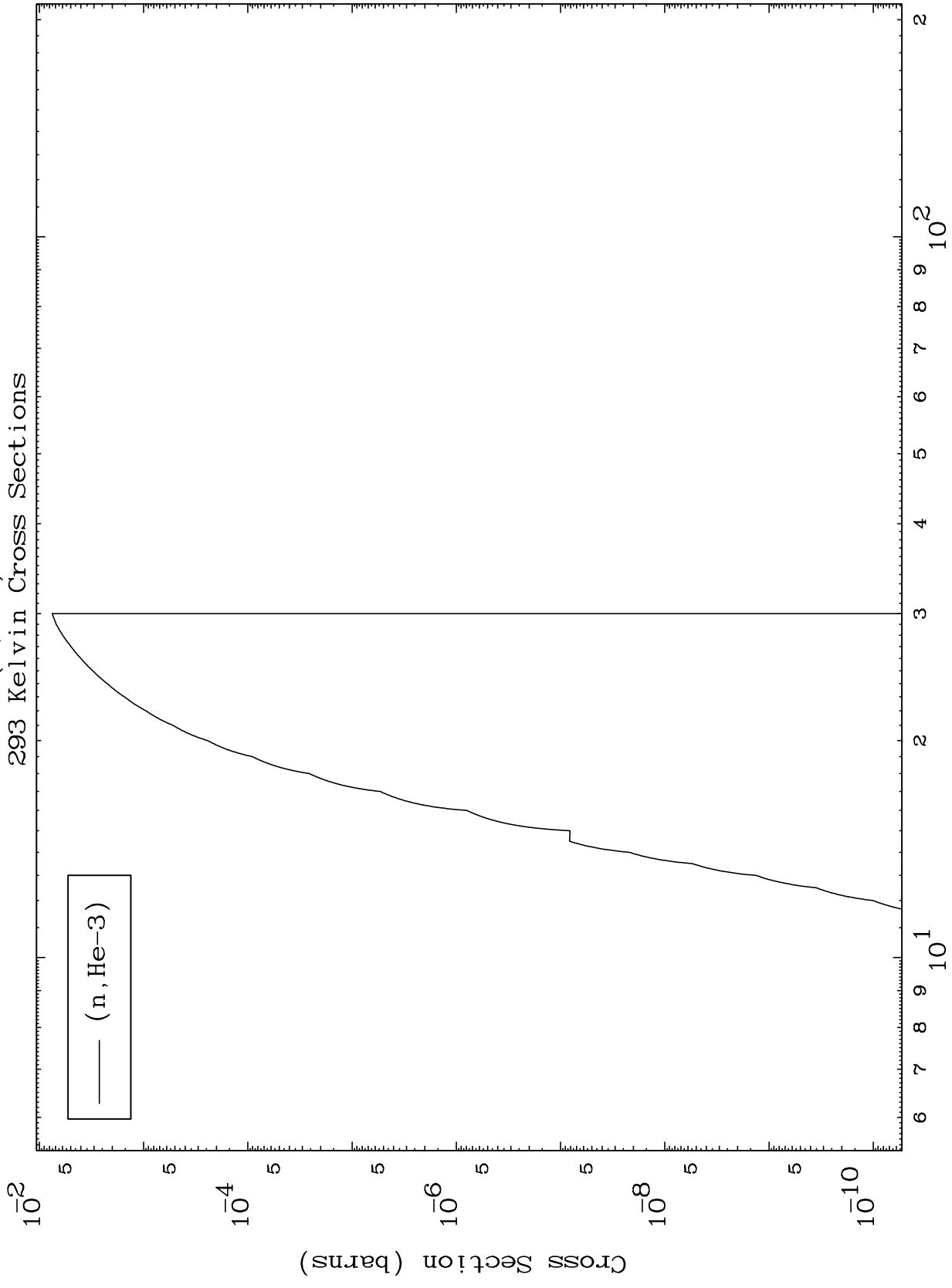
Incident Energy (MeV)

39-Y -85

MAT 3914

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -85



12

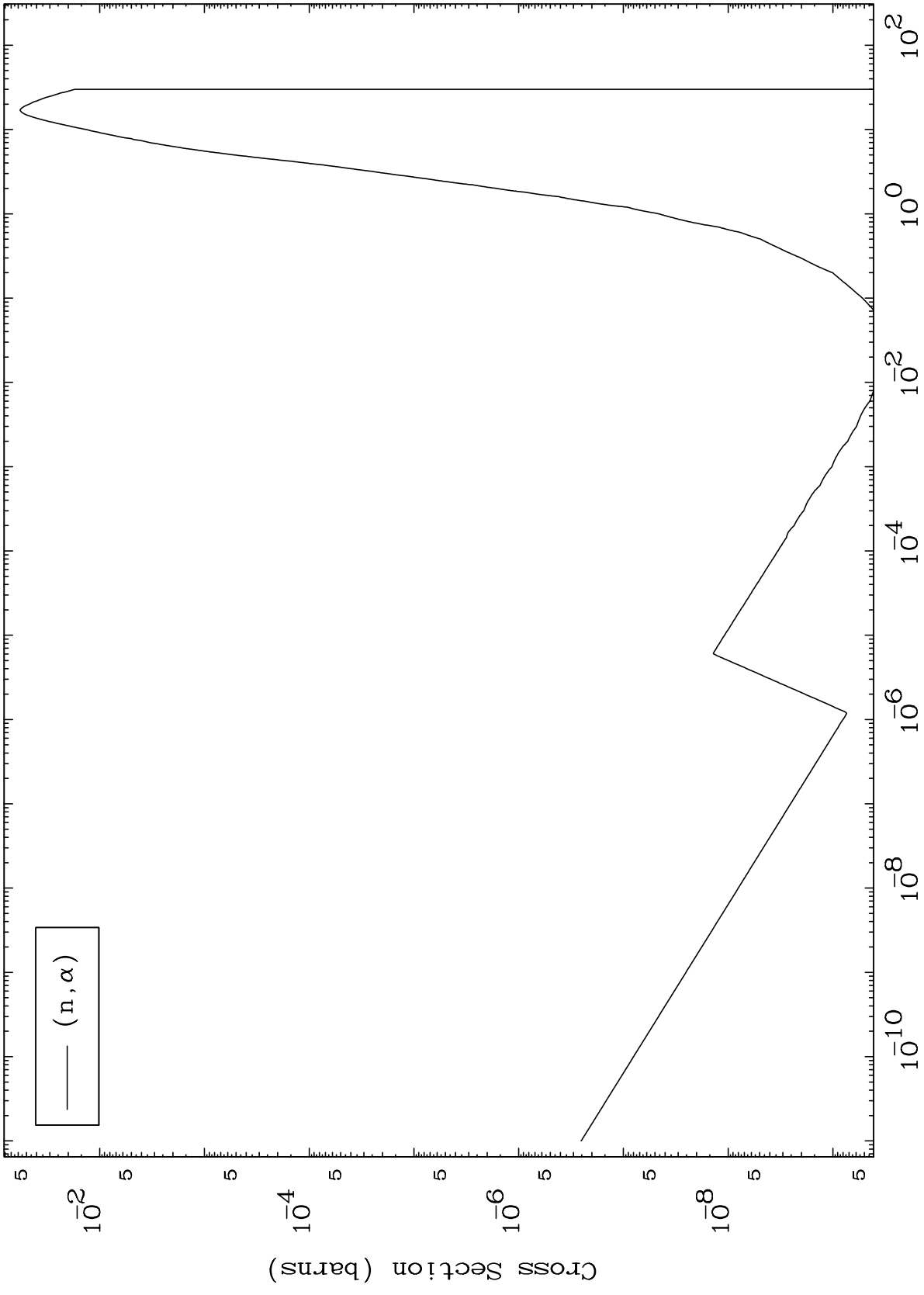
Incident Energy (MeV)

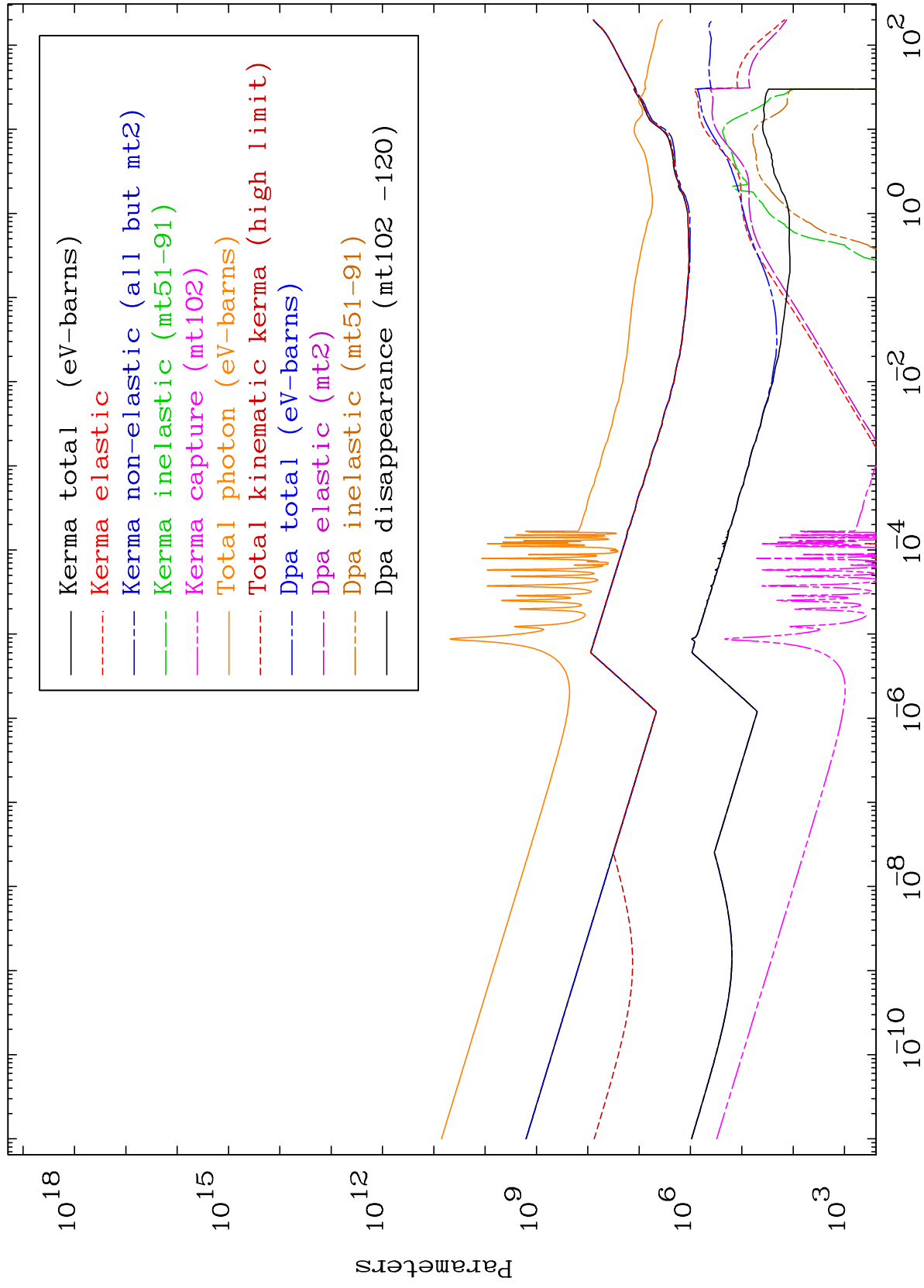
39-Y -85

MAT 3914

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -85





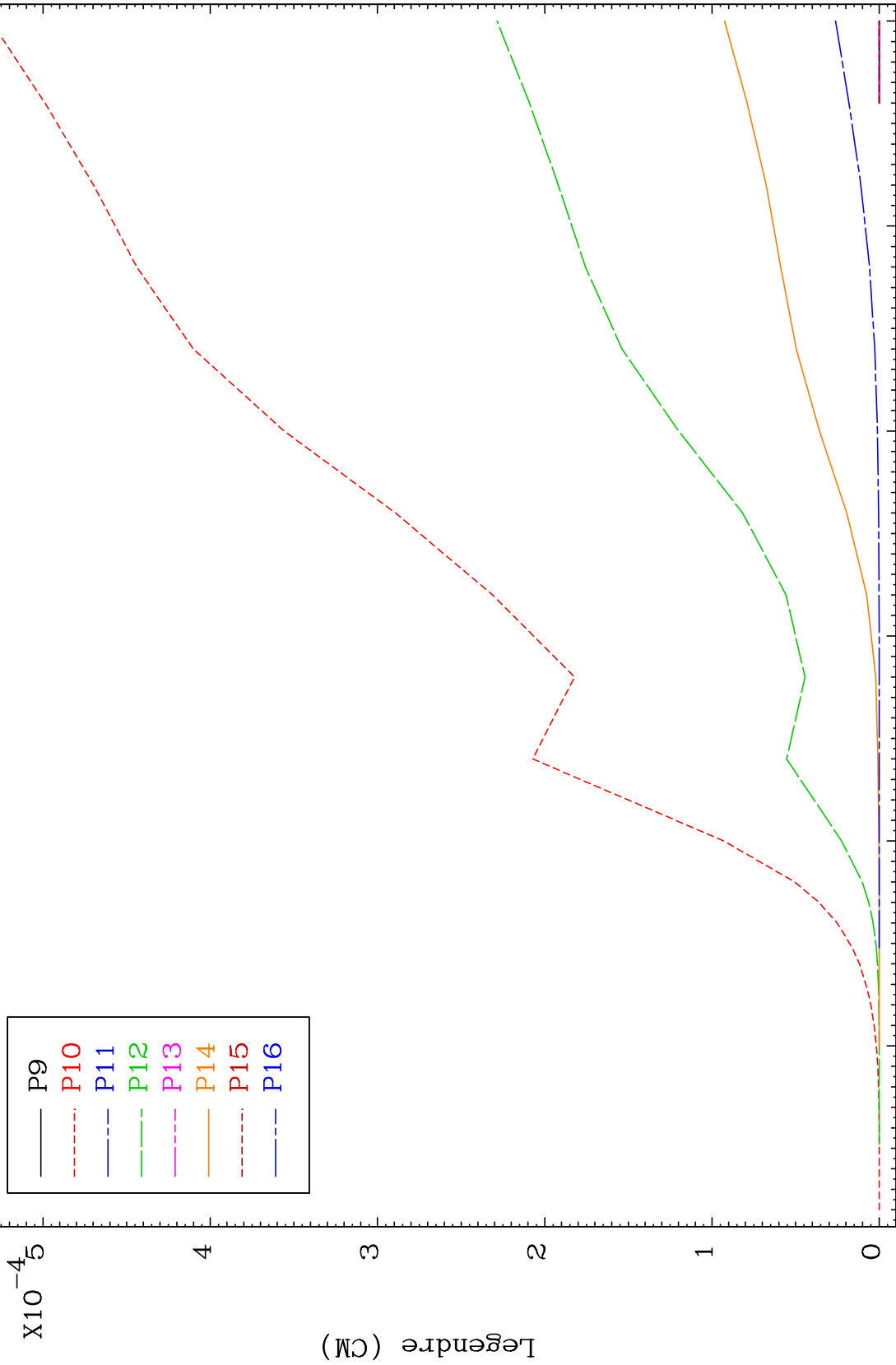
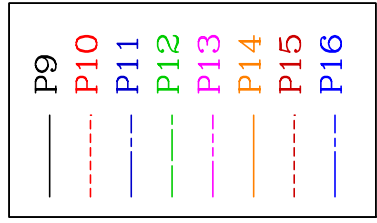




MAT 3914

Elastic Legendre Coefficients

39-Y -85



16

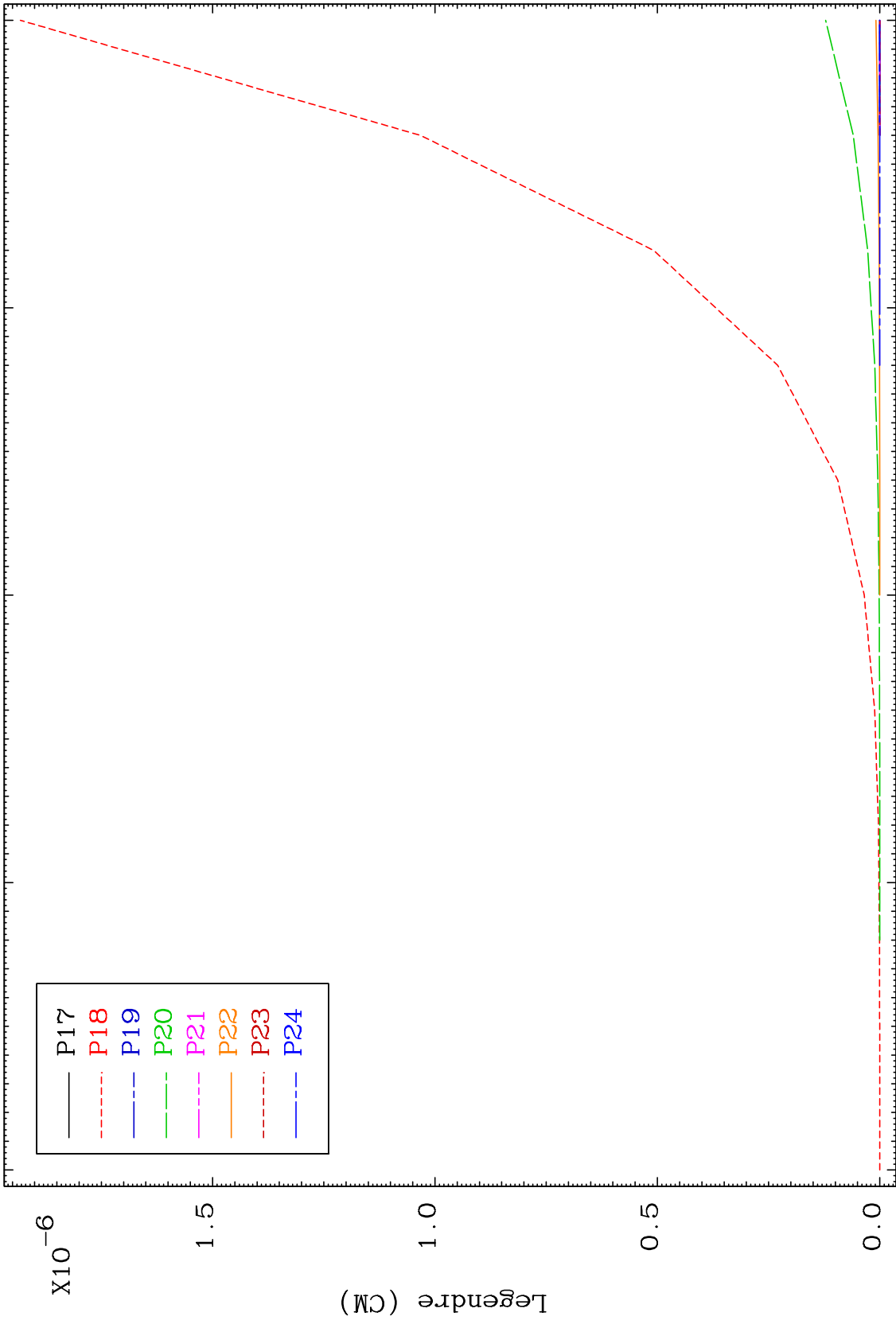
Incident Energy (MeV)

39-Y -85

MAT 3914

### Elastic Legendre Coefficients

39-Y -85



17

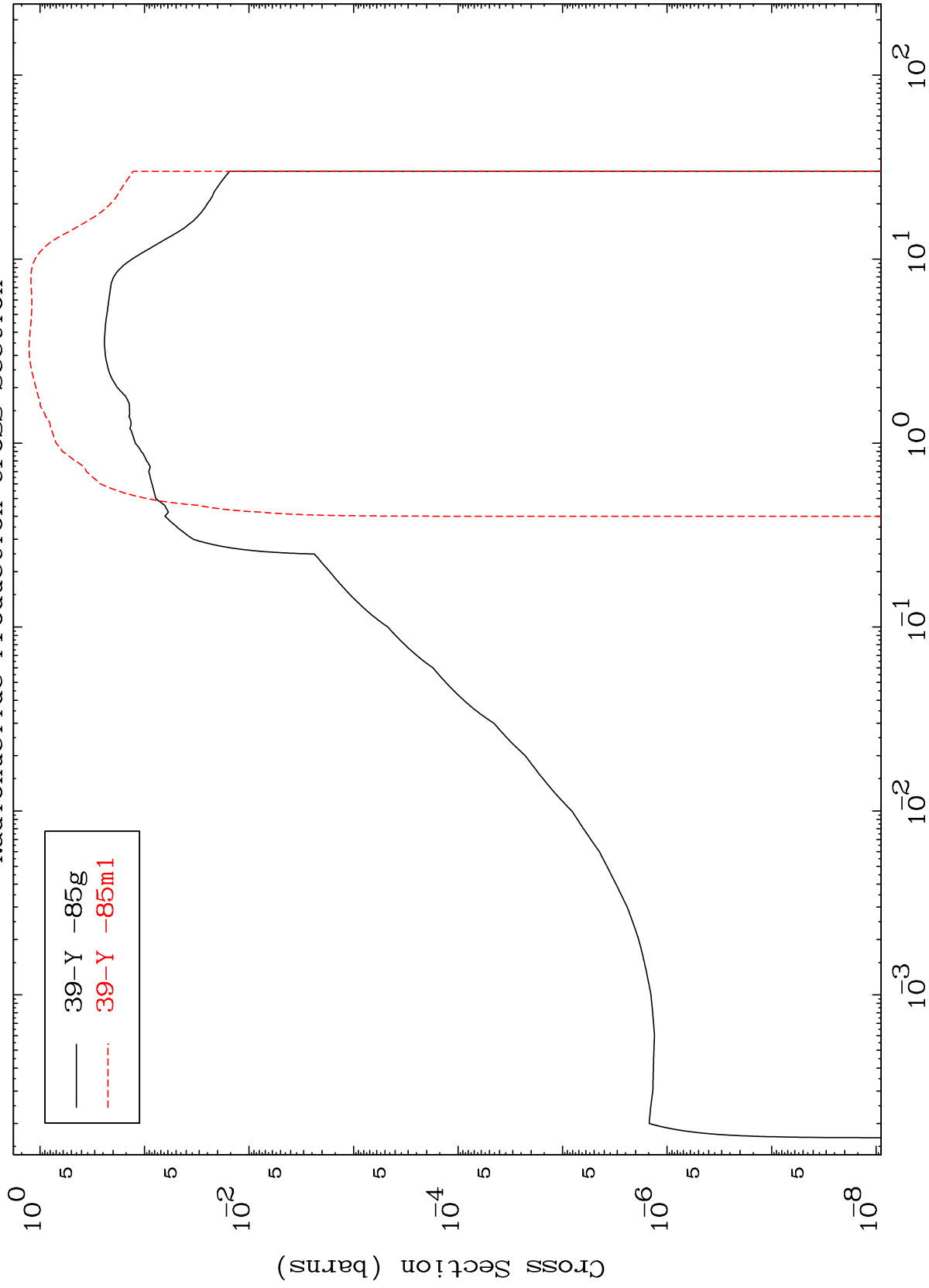
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

Inelastic  
Radionuclide Production Cross Section



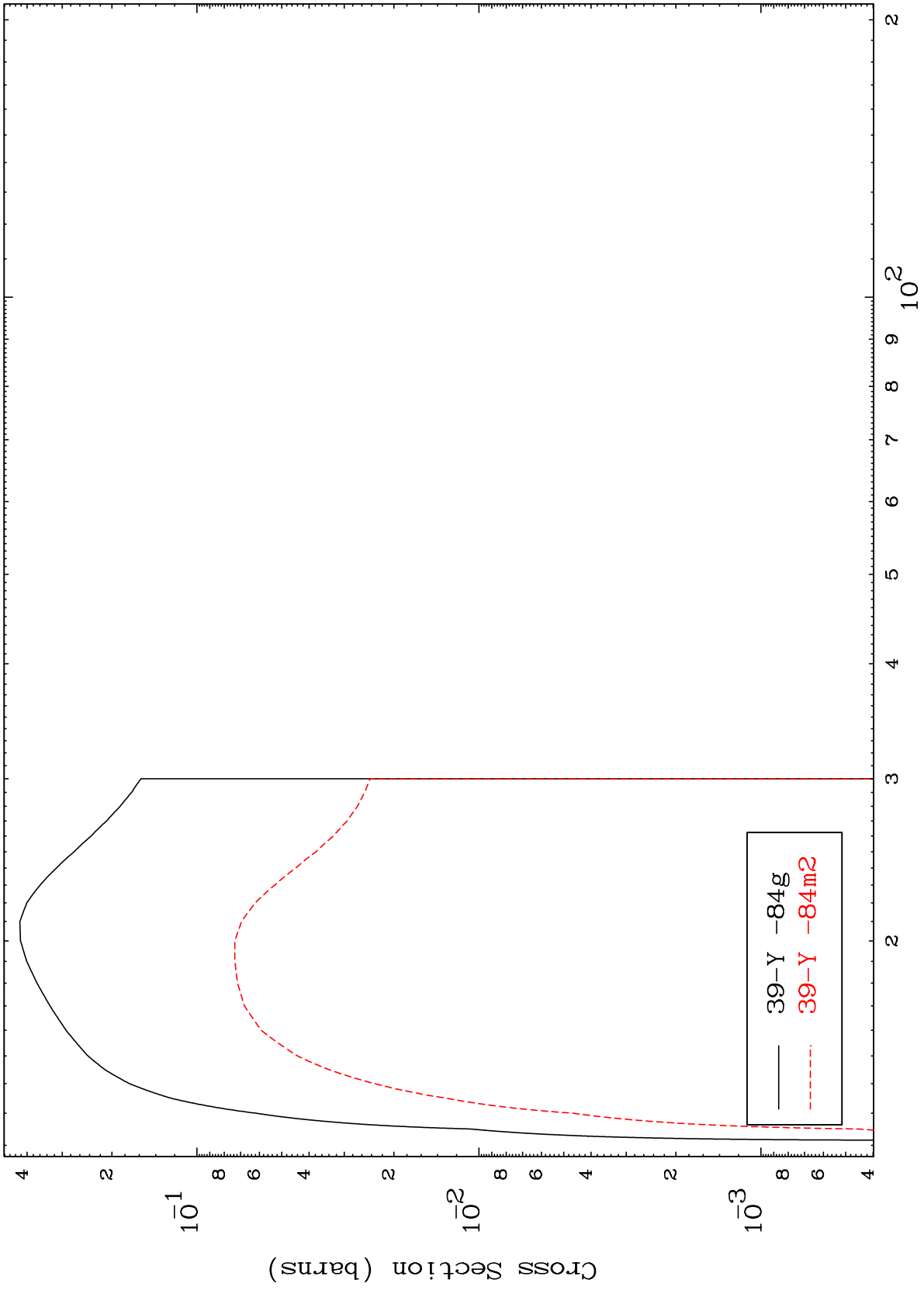
18

39-Y -85

MAT 3914

39-Y -85

Radionuclide Production Cross Section  
(n,2n)



19

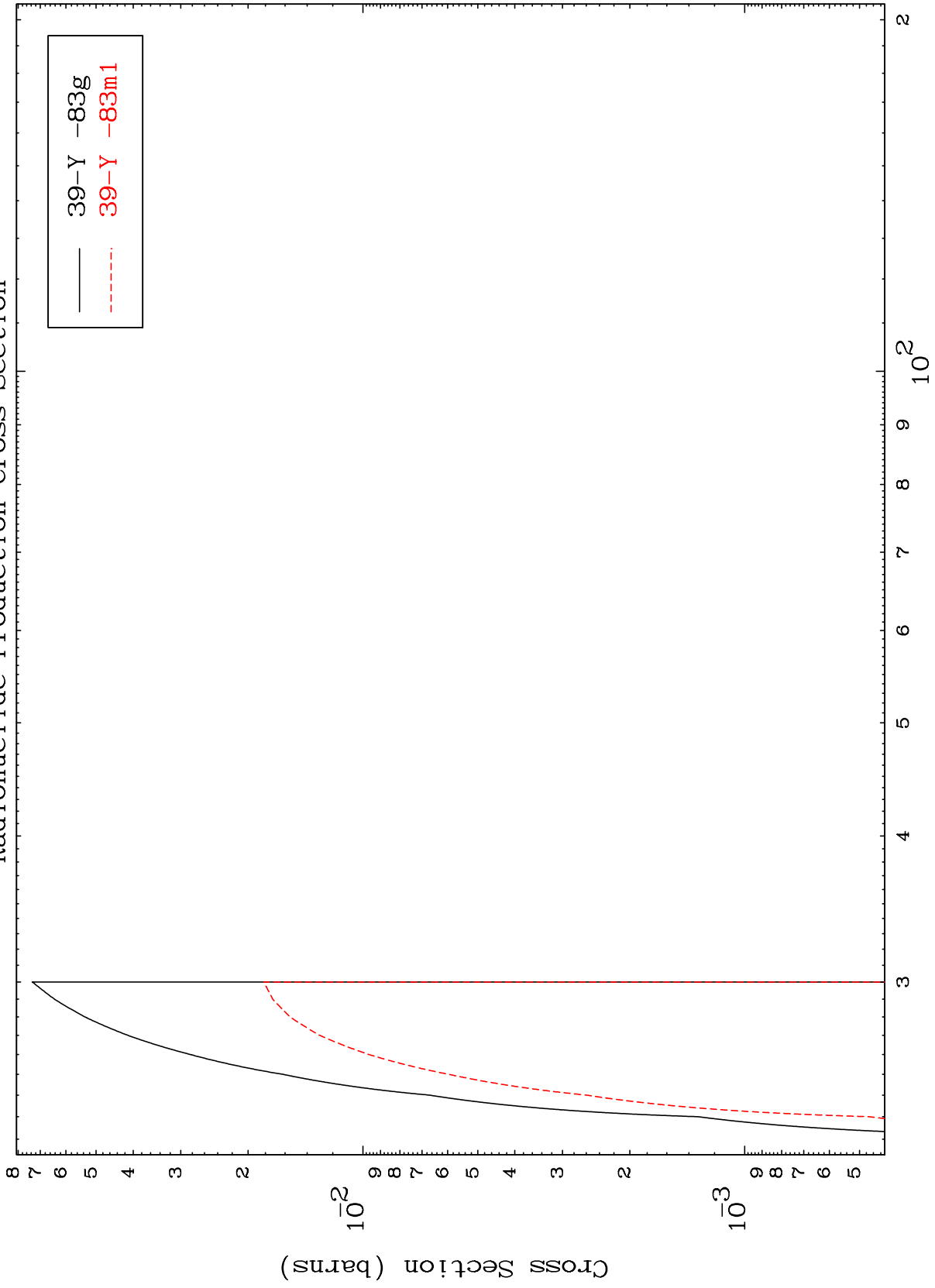
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

(n,3n)  
Radionuclide Production Cross Section



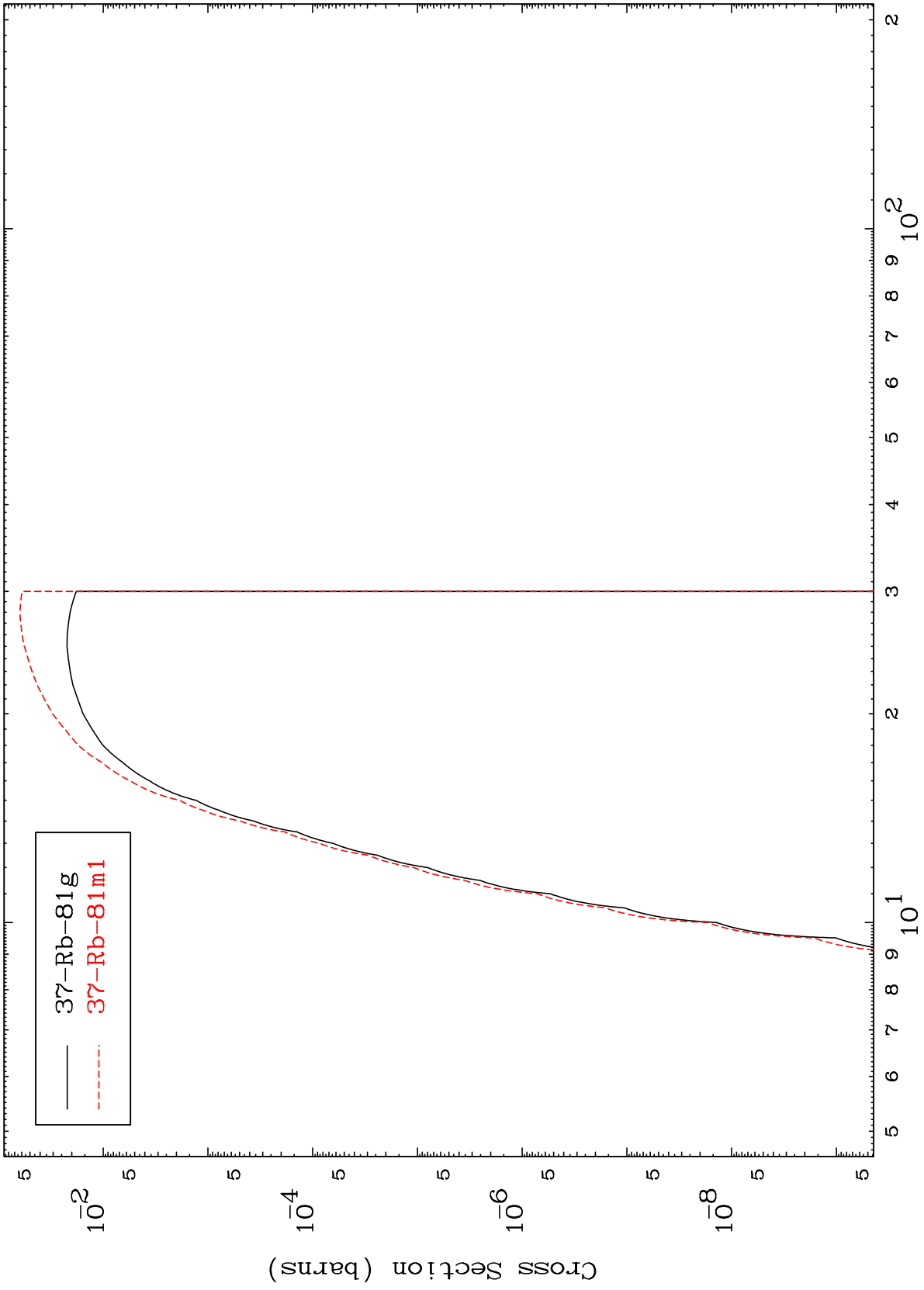
20

39-Y -85

MAT 3914

39-Y -85

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



— 37-Rb-81g  
- - - 37-Rb-81m1

21

Incident Energy (MeV)

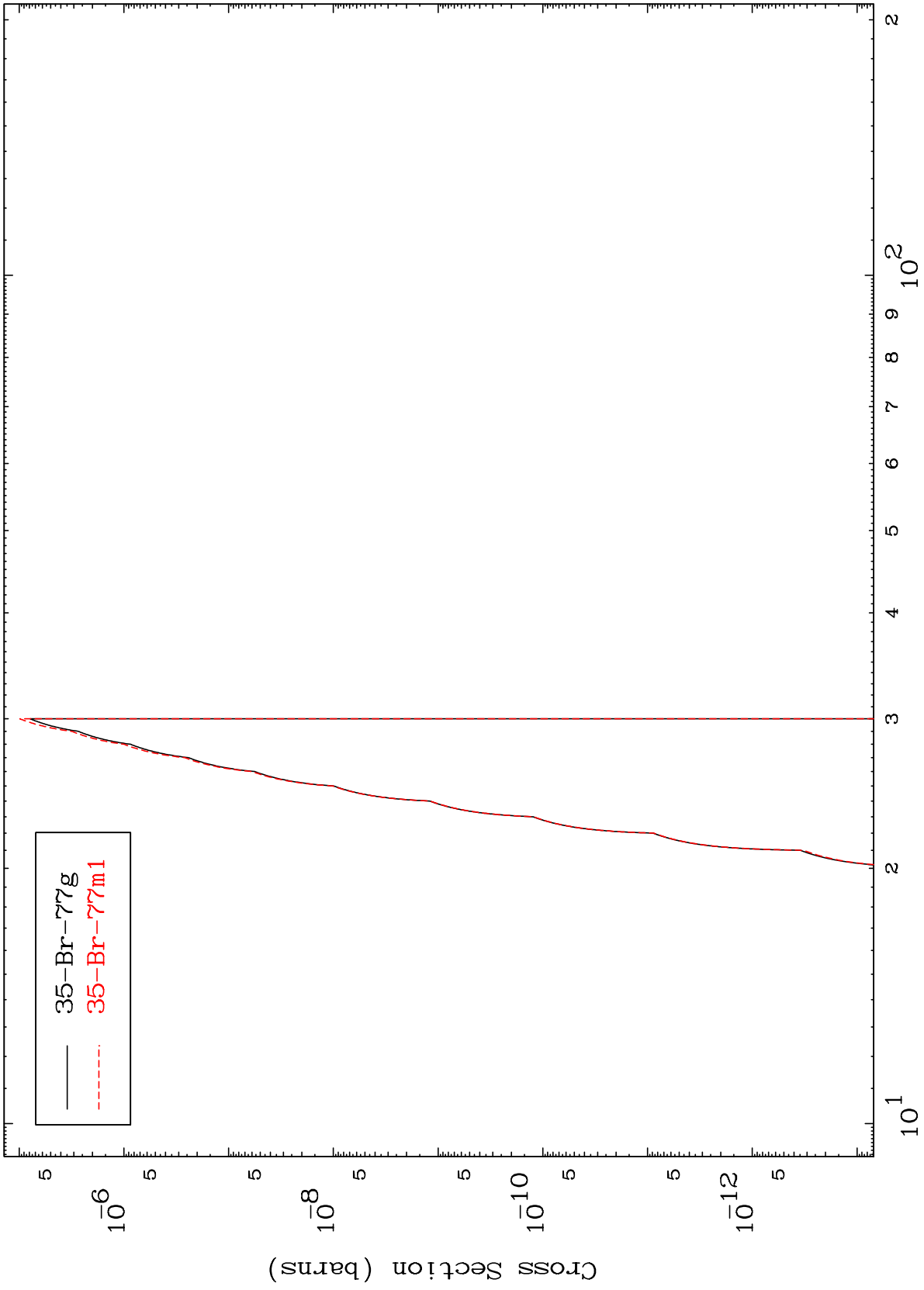
39-Y -85

MAT 3914

(n,n') 2 $\alpha$

39-Y -85

Radionuclide Production Cross Section

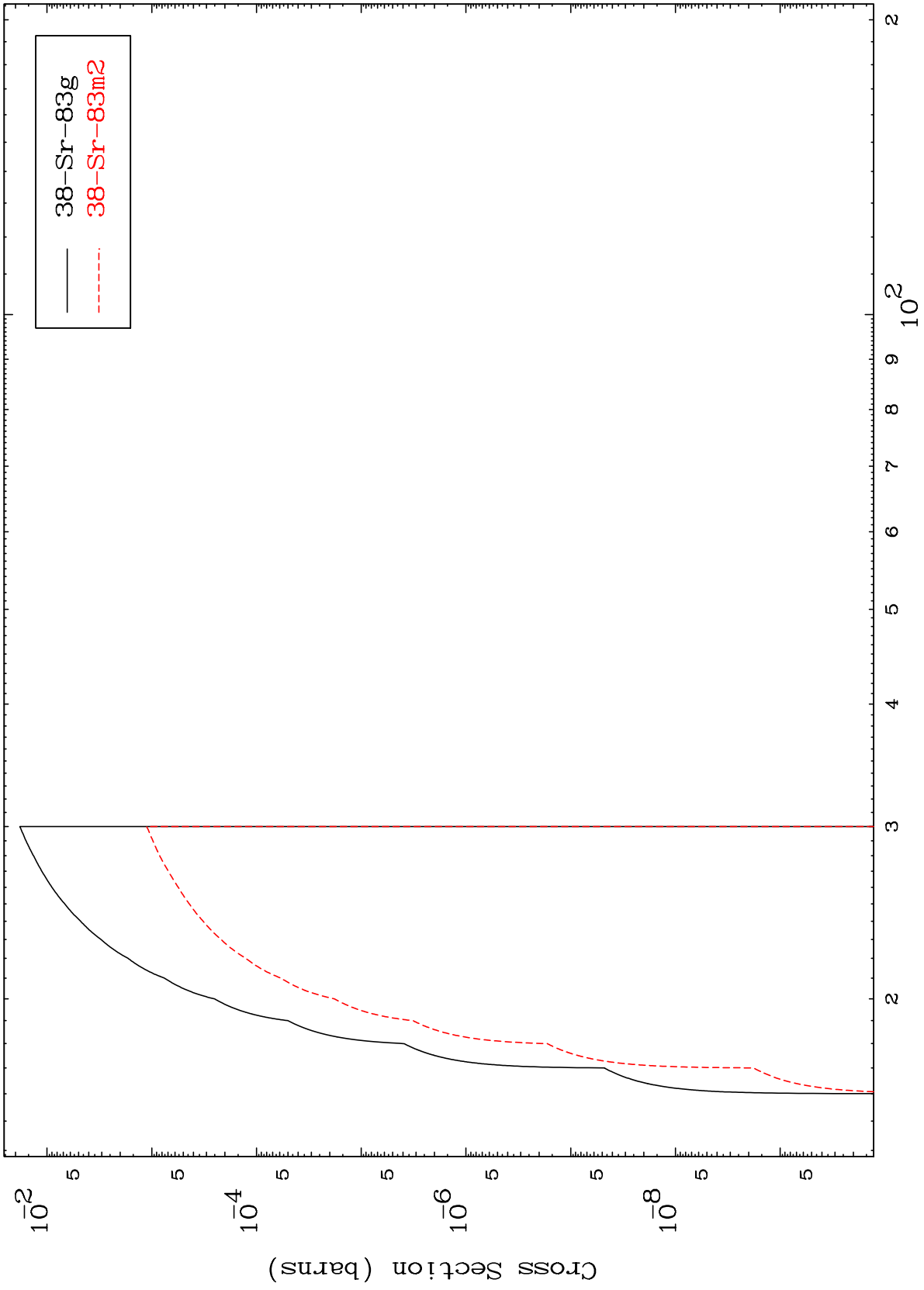


22

Incident Energy (MeV)

39-Y -85

Radionuclide Production Cross Section



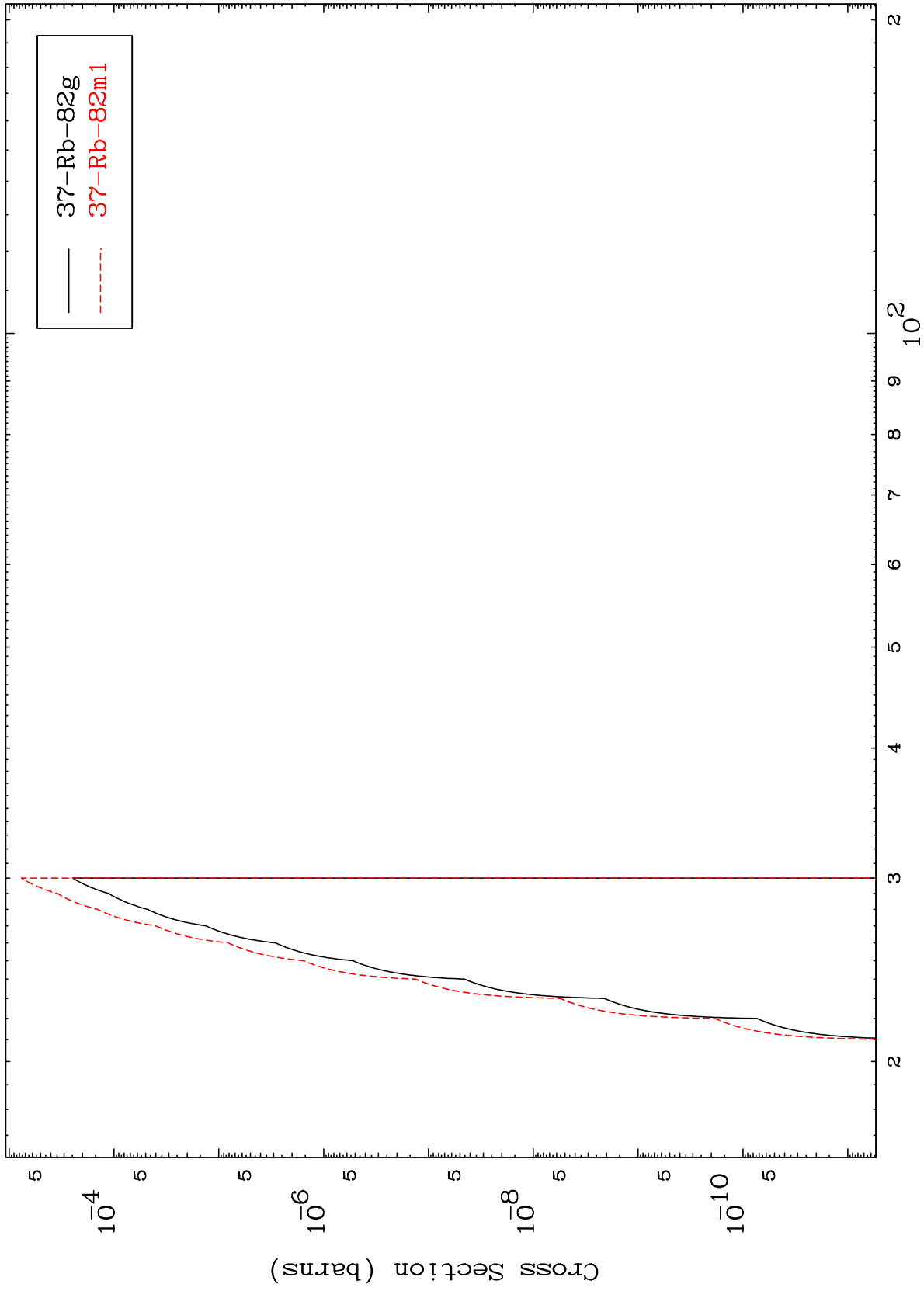


MAT 3914

(n, n') He-3

39-Y -85

Radionuclide Production Cross Section



24

Incident Energy (MeV)

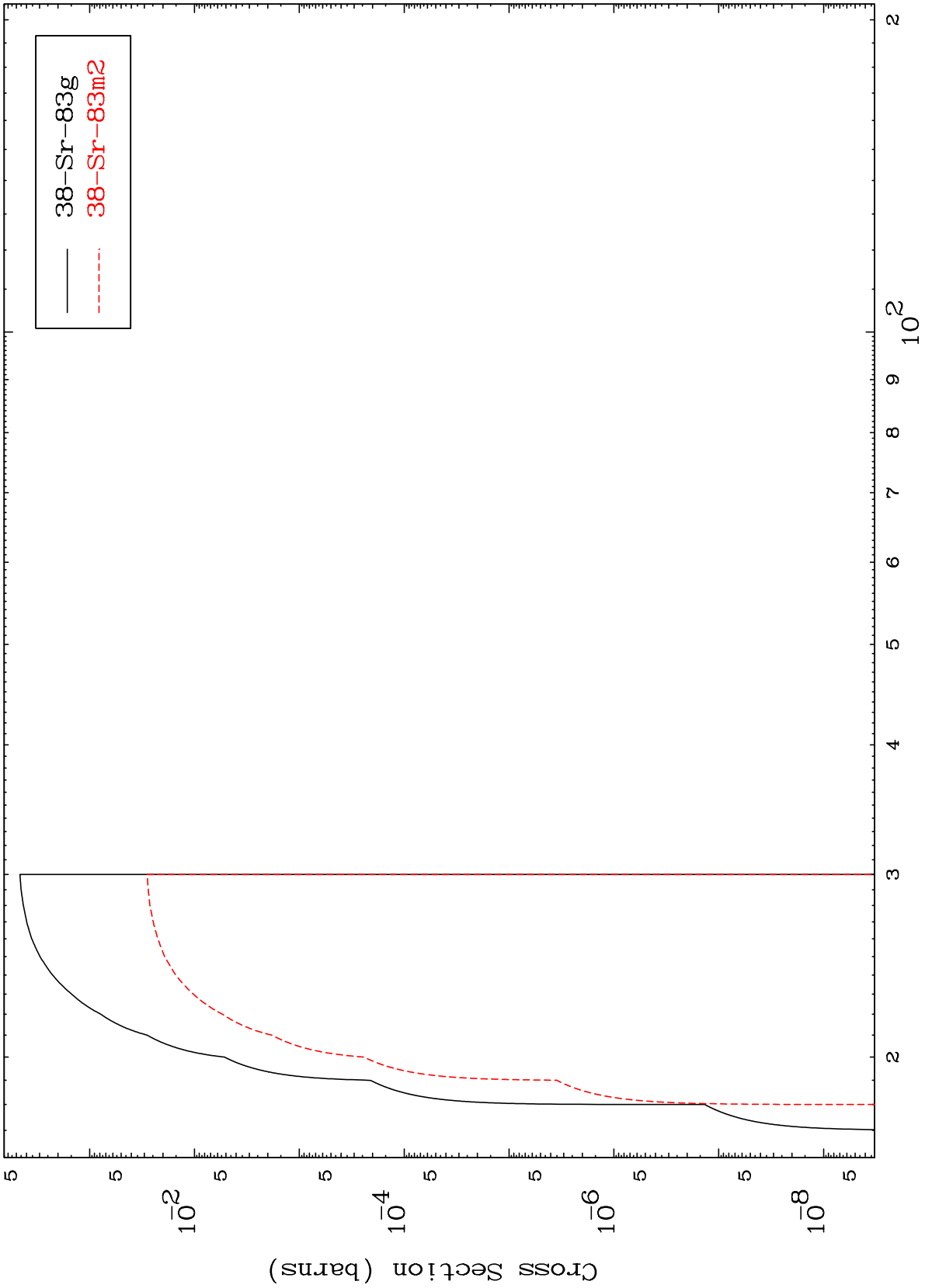
39-Y -85

MAT 3914

(n,2n) p

39-Y -85

Radionuclide Production Cross Section



25

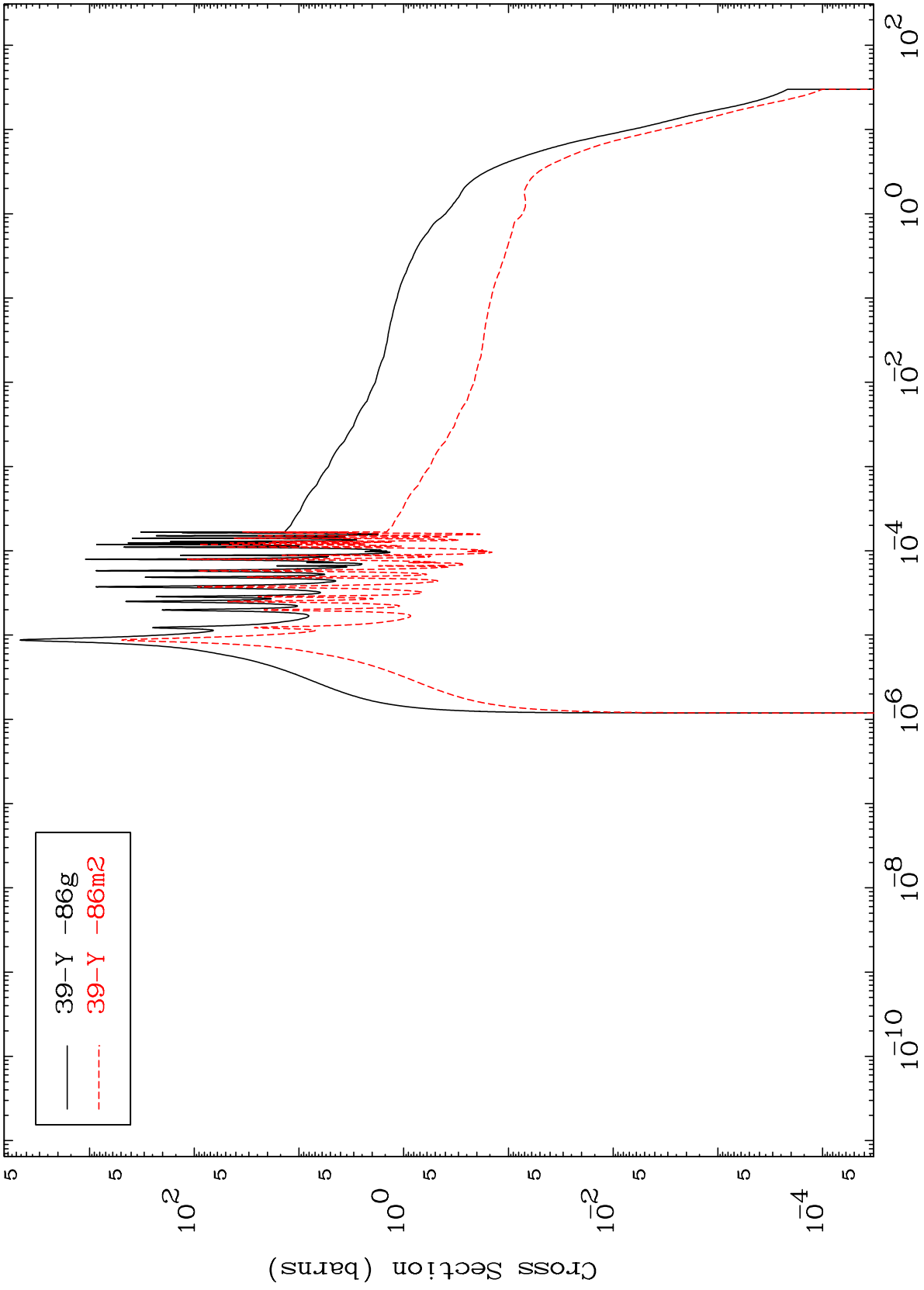
Incident Energy (MeV)

39-Y -85

MAT 3914

39-Y -85

Radionuclide Production Cross Section  
(n,γ)



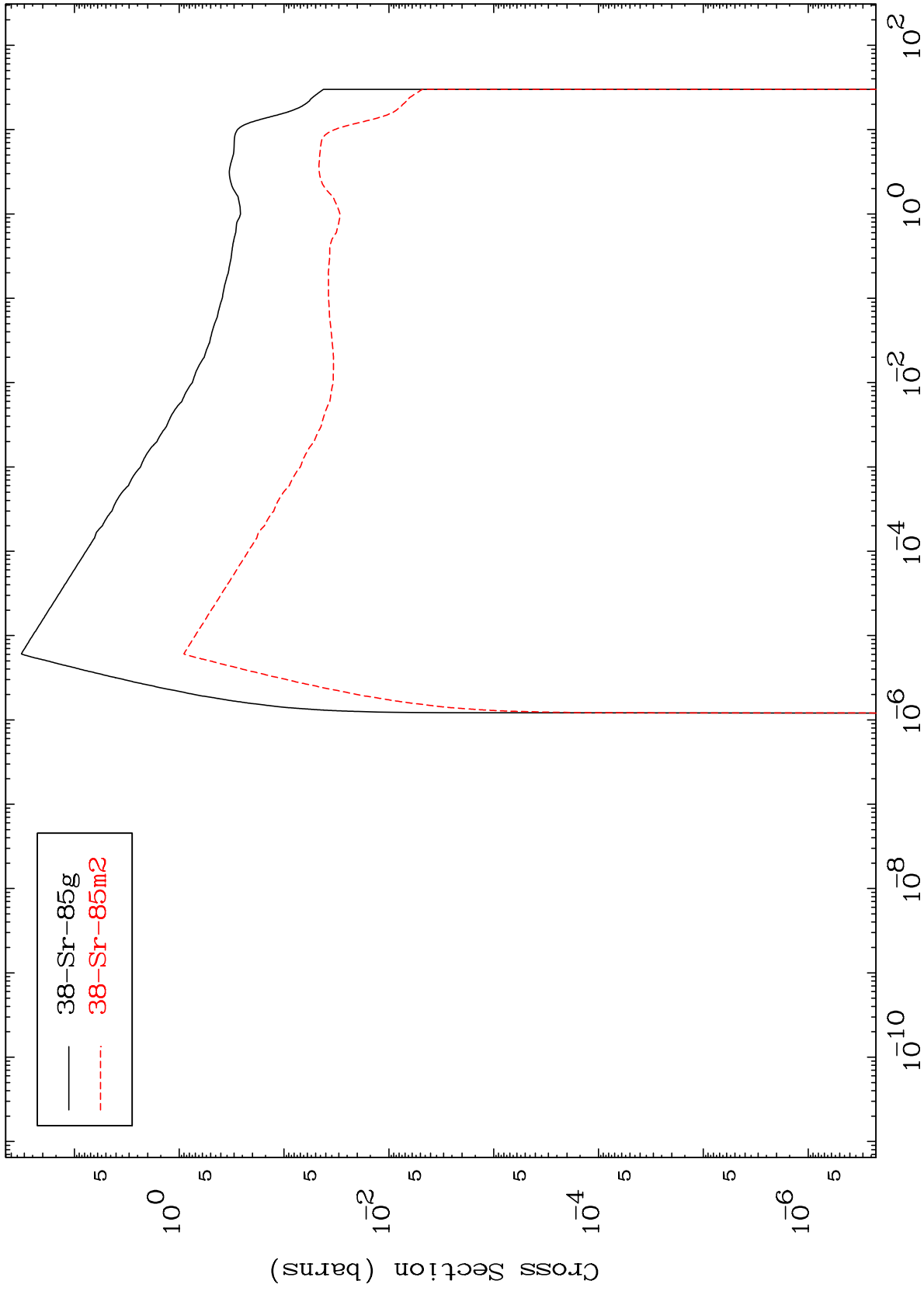
26

39-Y -85

MAT 3914

39-Y -85

Radionuclide Production Cross Section (n,p)

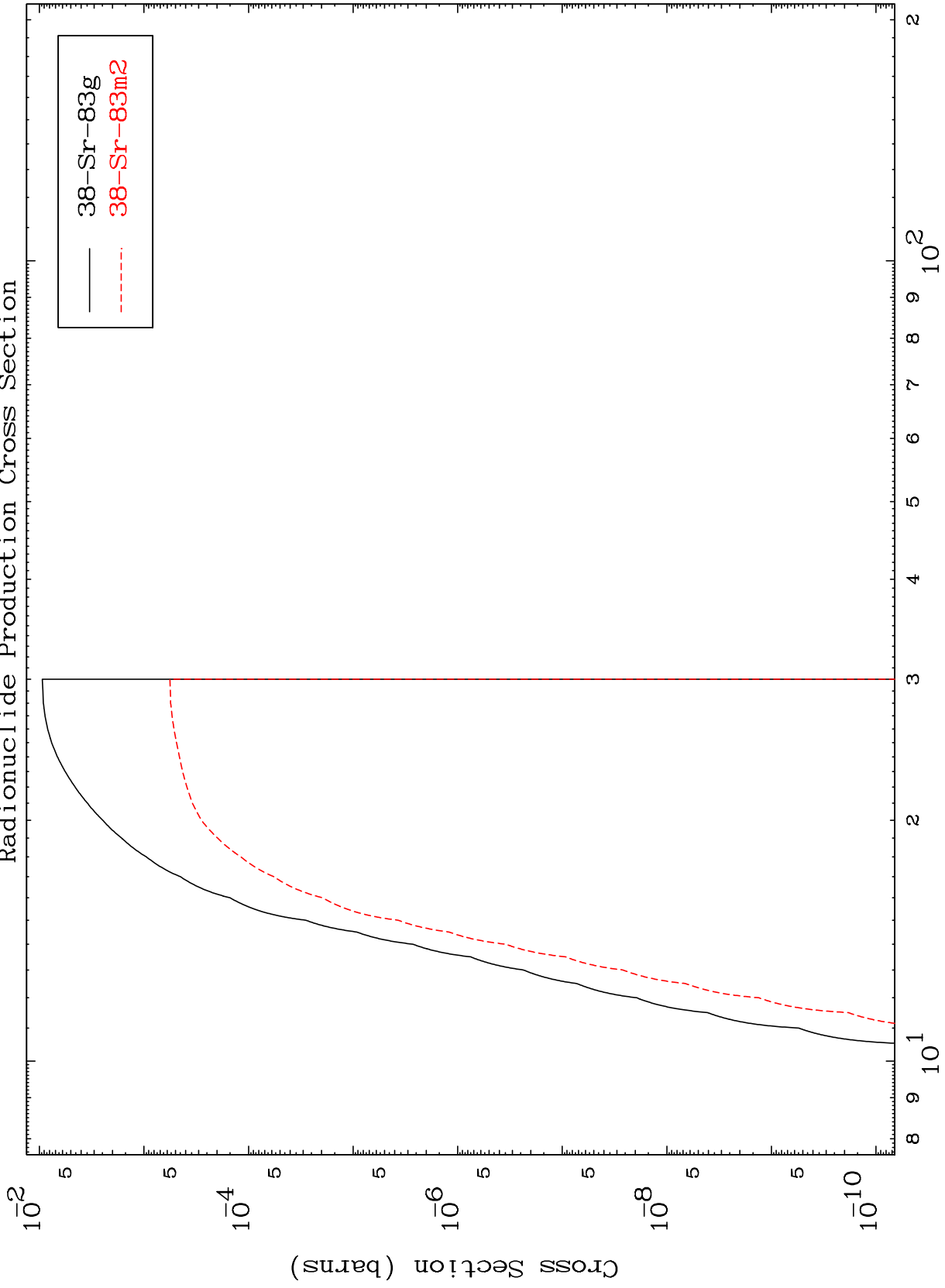


— 38-Sr-85g  
- - - 38-Sr-85m2

MAT 3914

39-Y -85

(n, t)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

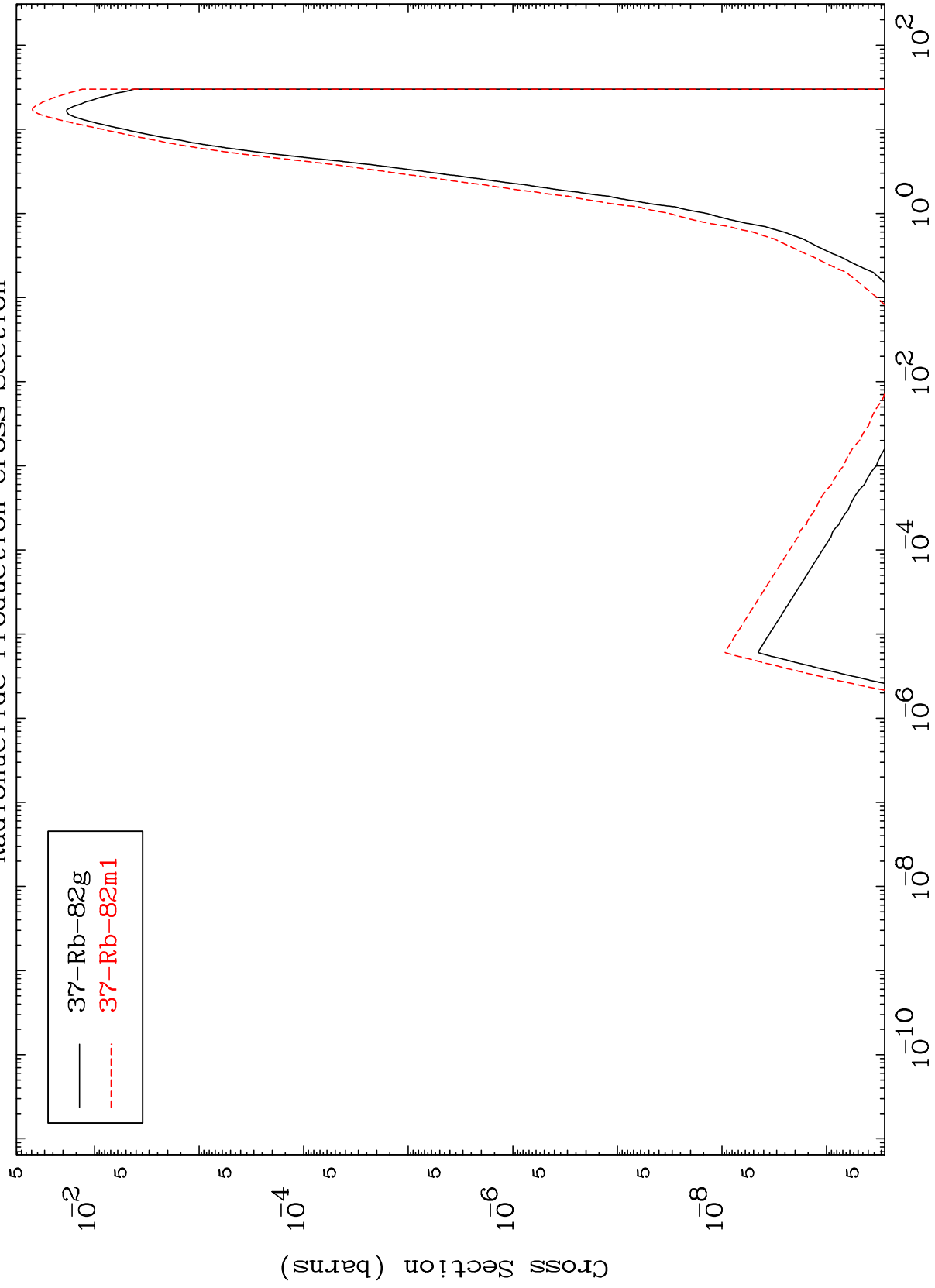
39-Y -85

MAT 3914

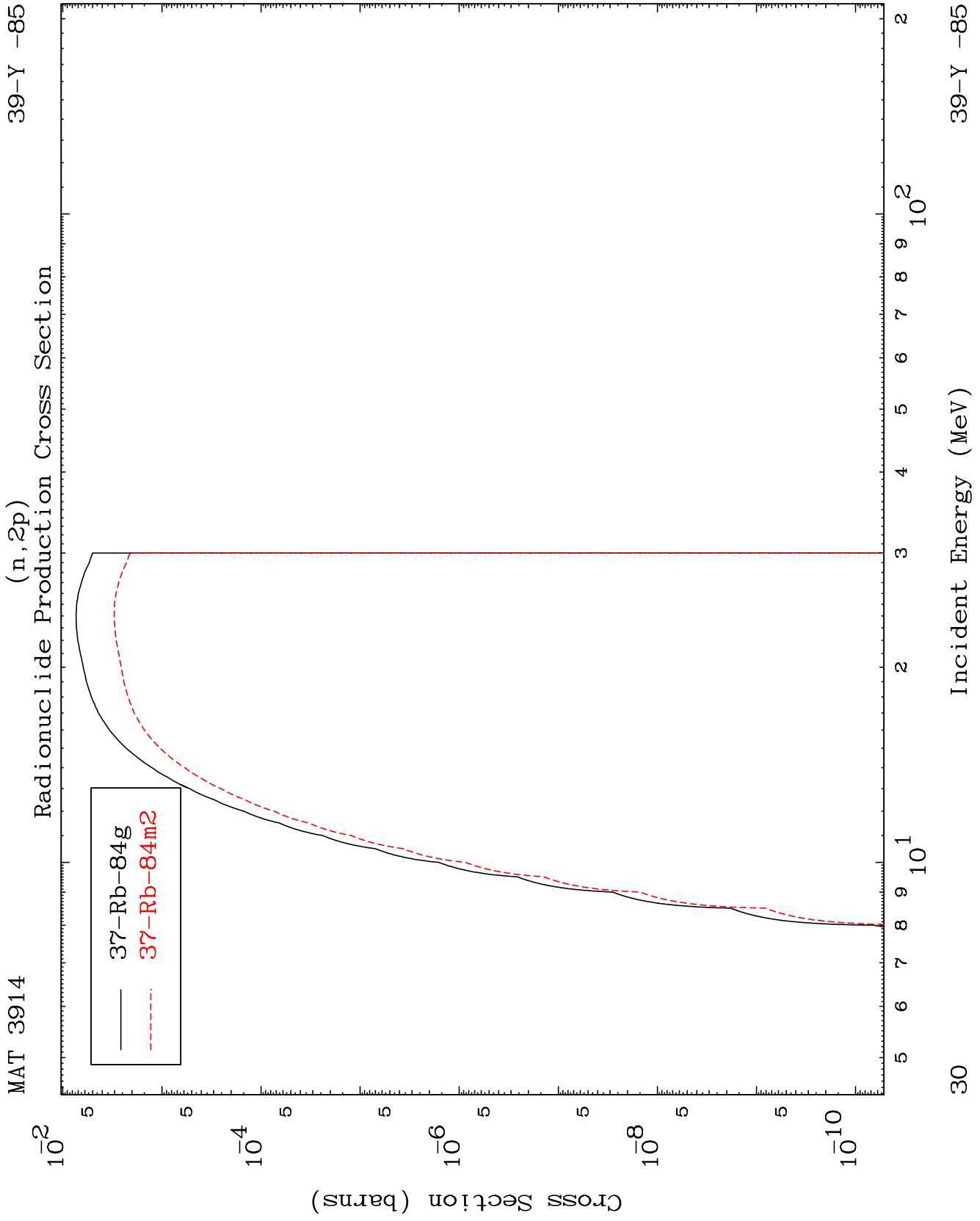
(n,  $\alpha$ )

39-Y -85

Radionuclide Production Cross Section



— 37-Rb-82g  
- - - 37-Rb-82m1

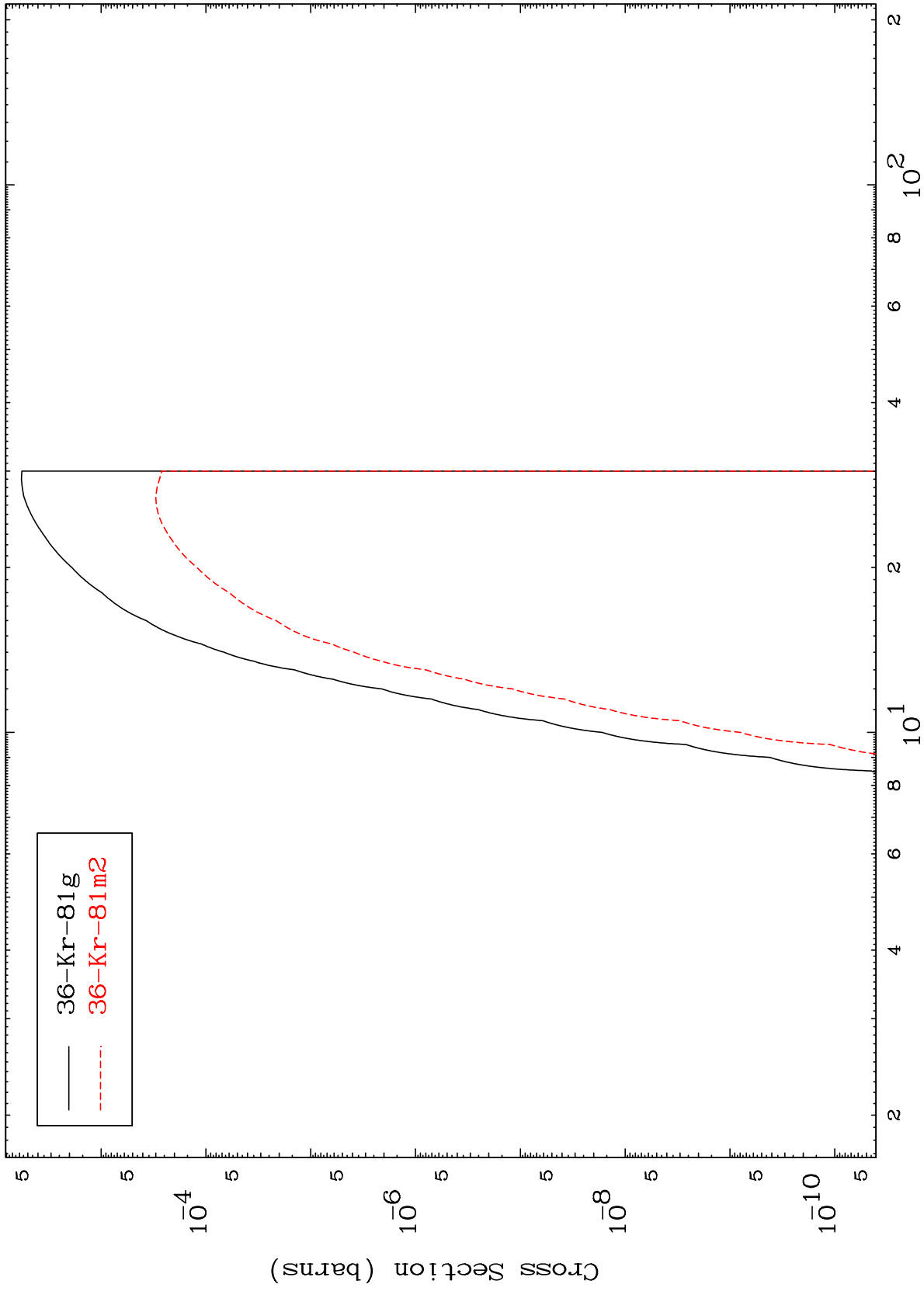


MAT 3914

(n,p)  $\alpha$

39-Y -85

Radionuclide Production Cross Section



31

Incident Energy (MeV)

39-Y -85

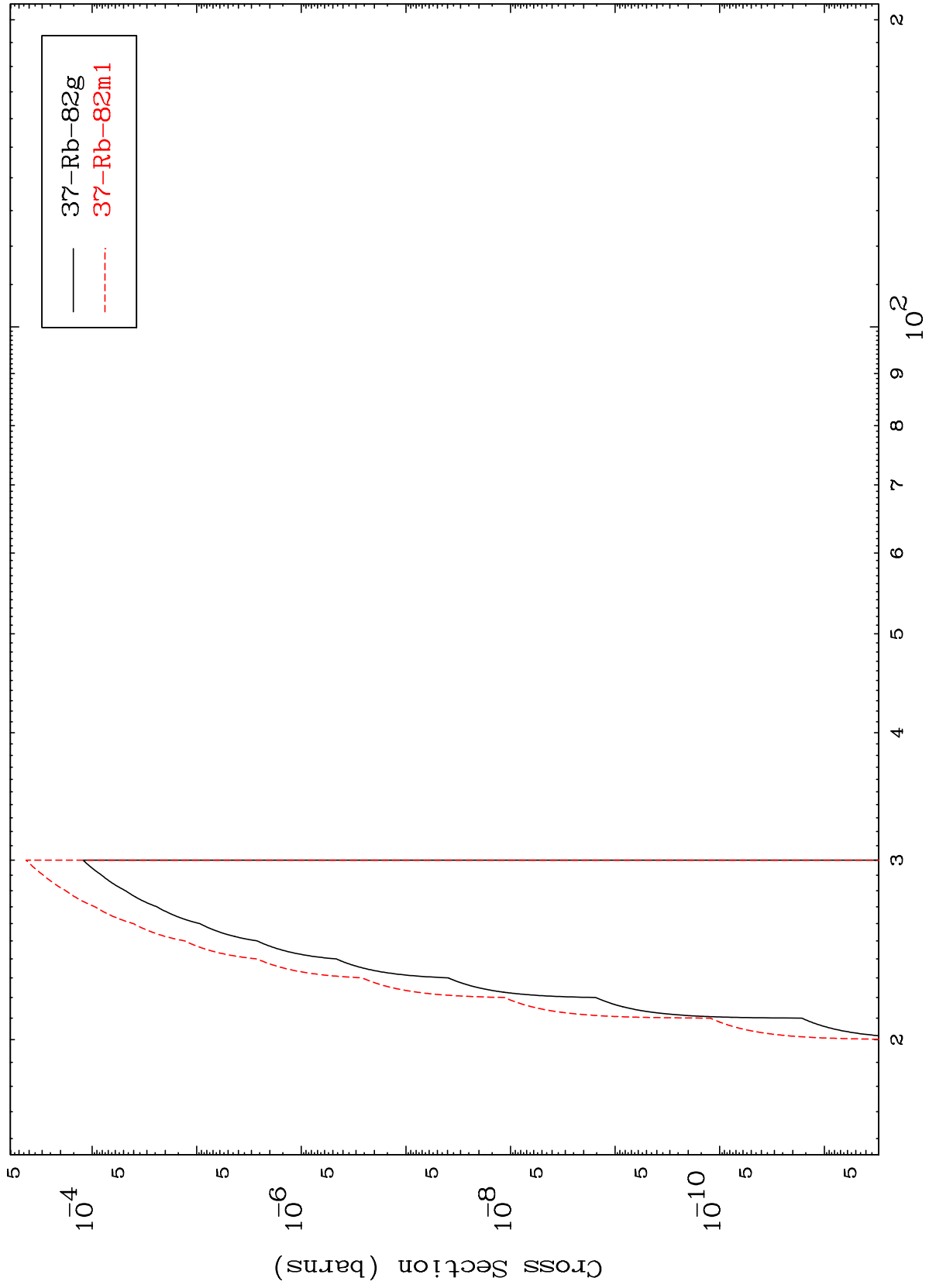


MAT 3914

(n,p) t

39-Y -85

Radionuclide Production Cross Section



32

Incident Energy (MeV)

39-Y -85