

Program EVALPLOT  
(Version 2021-1)

by

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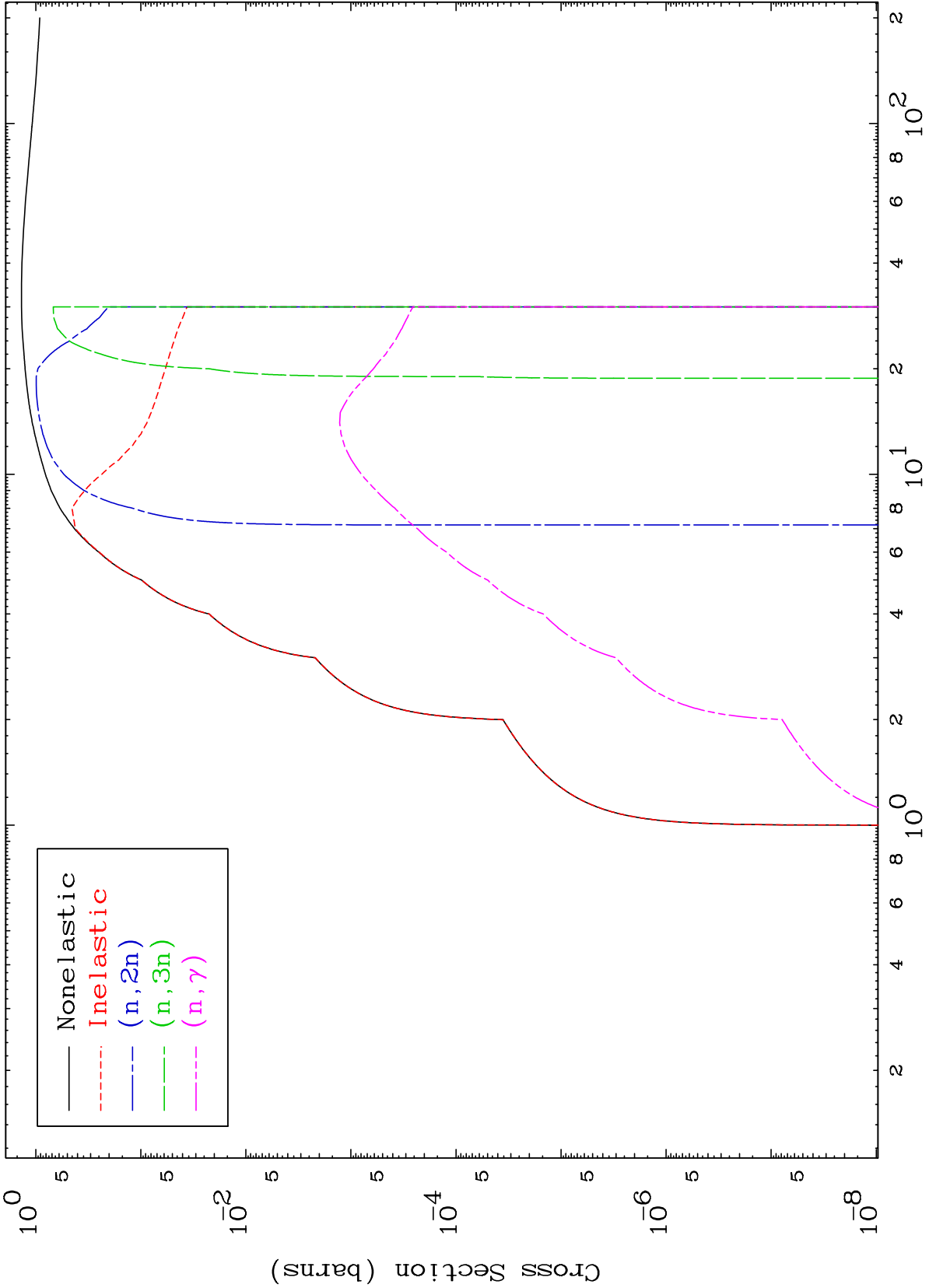
Press Mouse Button to Start

MAT 3843

Proton Major

38-Sr-90

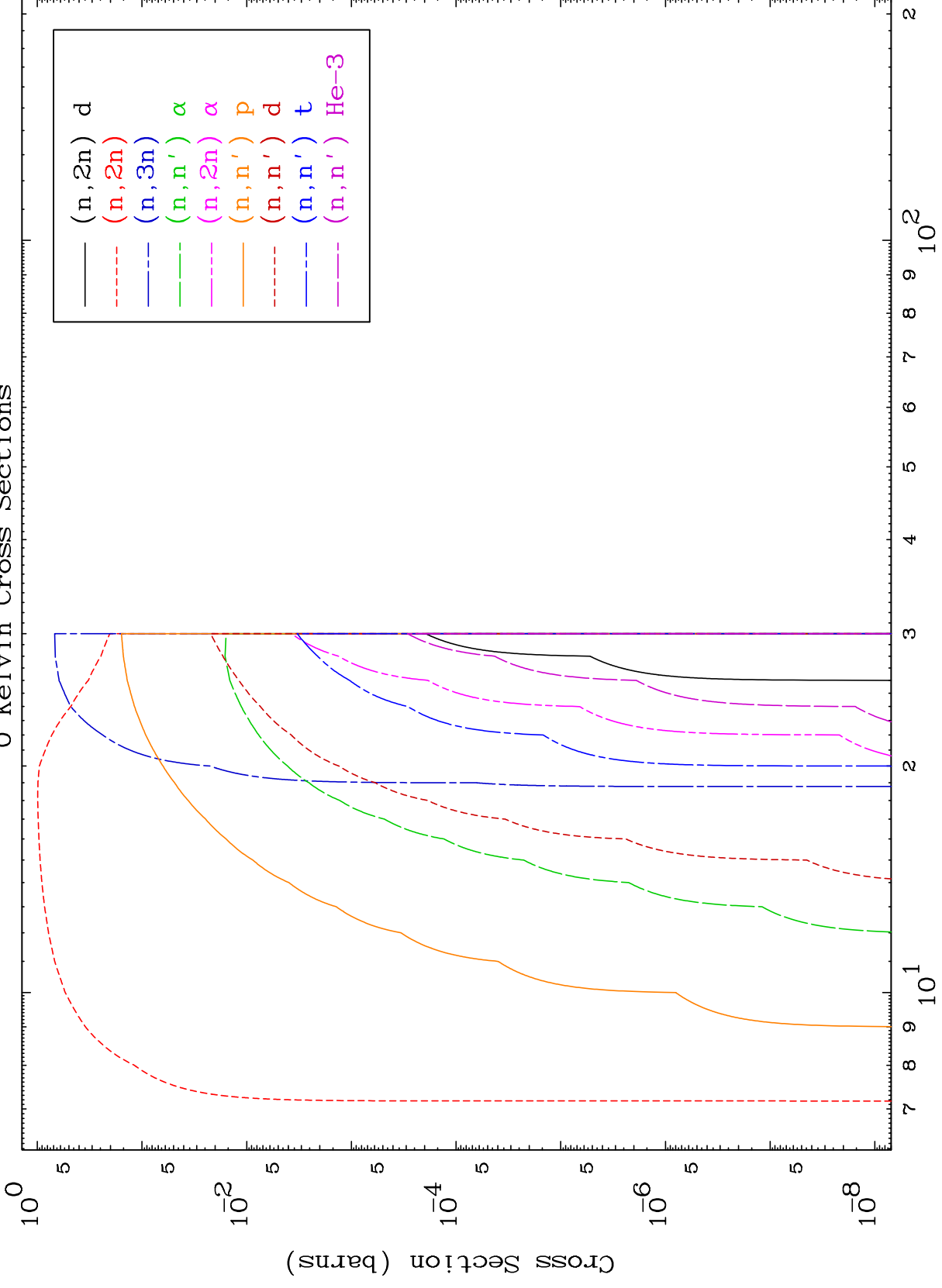
0 Kelvin Cross Sections



MAT 3843

Proton Neutron Absorption  
0 Kelvin Cross Sections

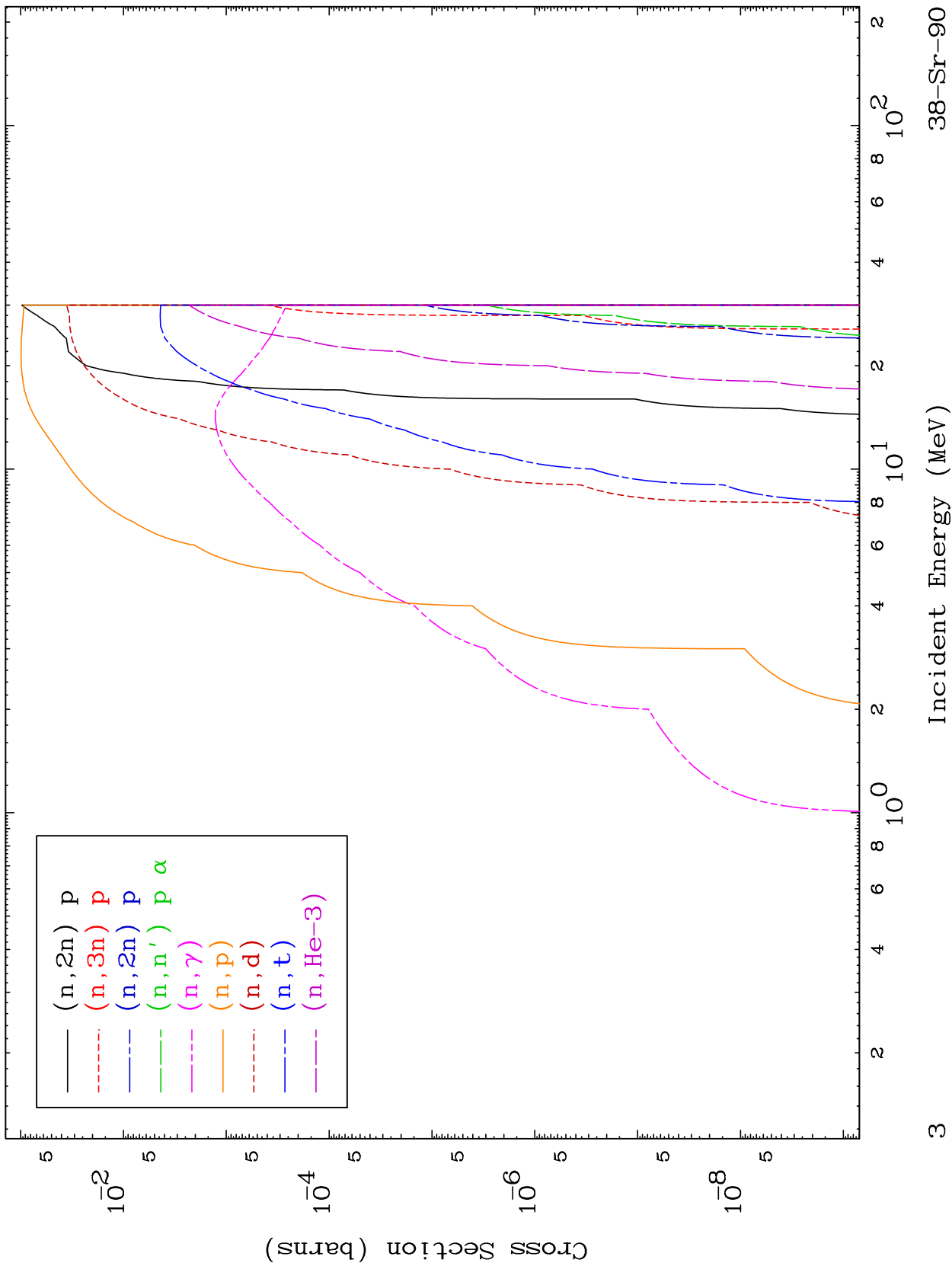
38-Sr-90



2

Incident Energy (MeV)

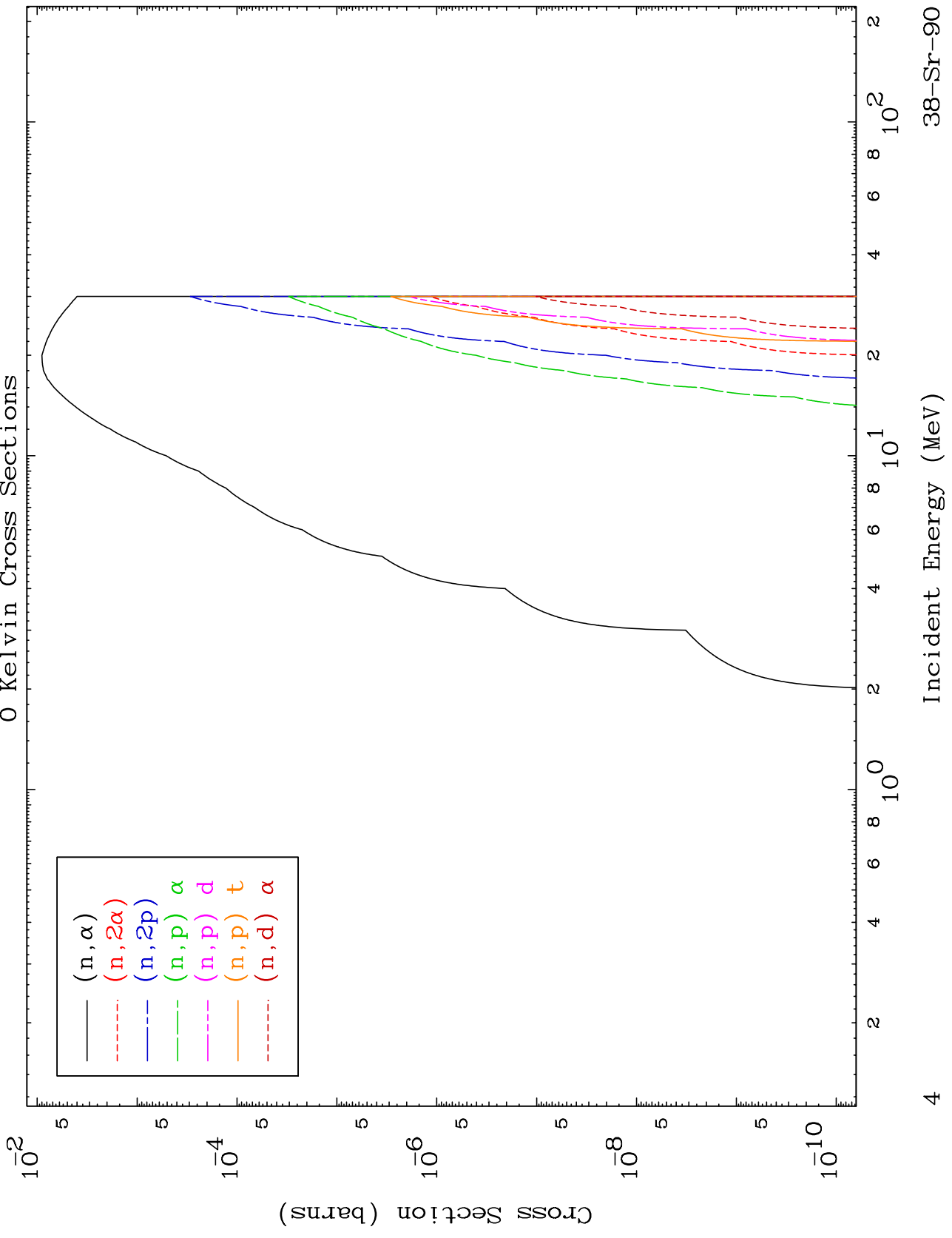
38-Sr-90



MAT 3843

Proton Neutron Absorption  
0 Kelvin Cross Sections

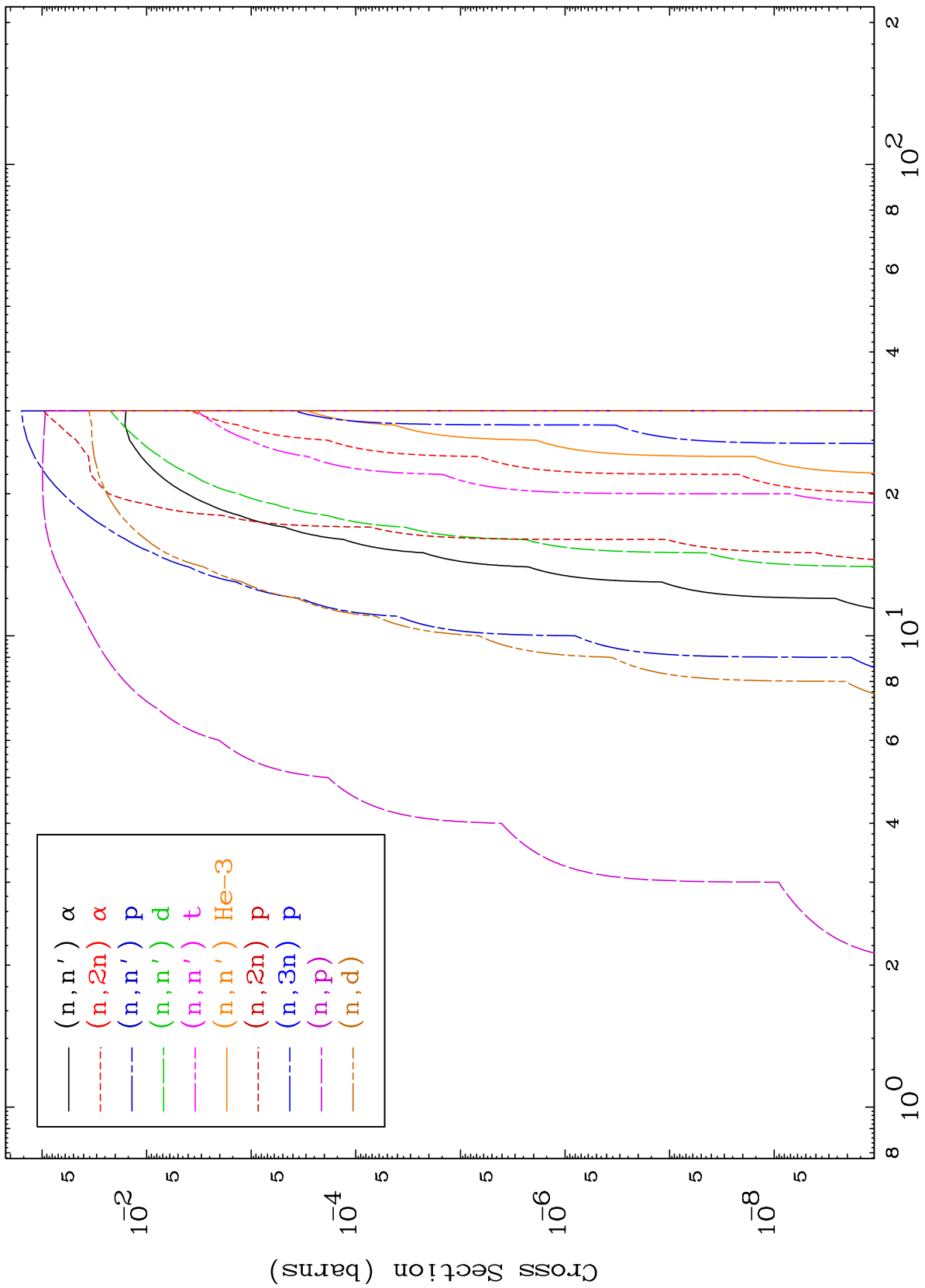
38-Sr-90



MAT 3843

Proton Charged Particle  
0 Kelvin Cross Sections

38-Sr-90



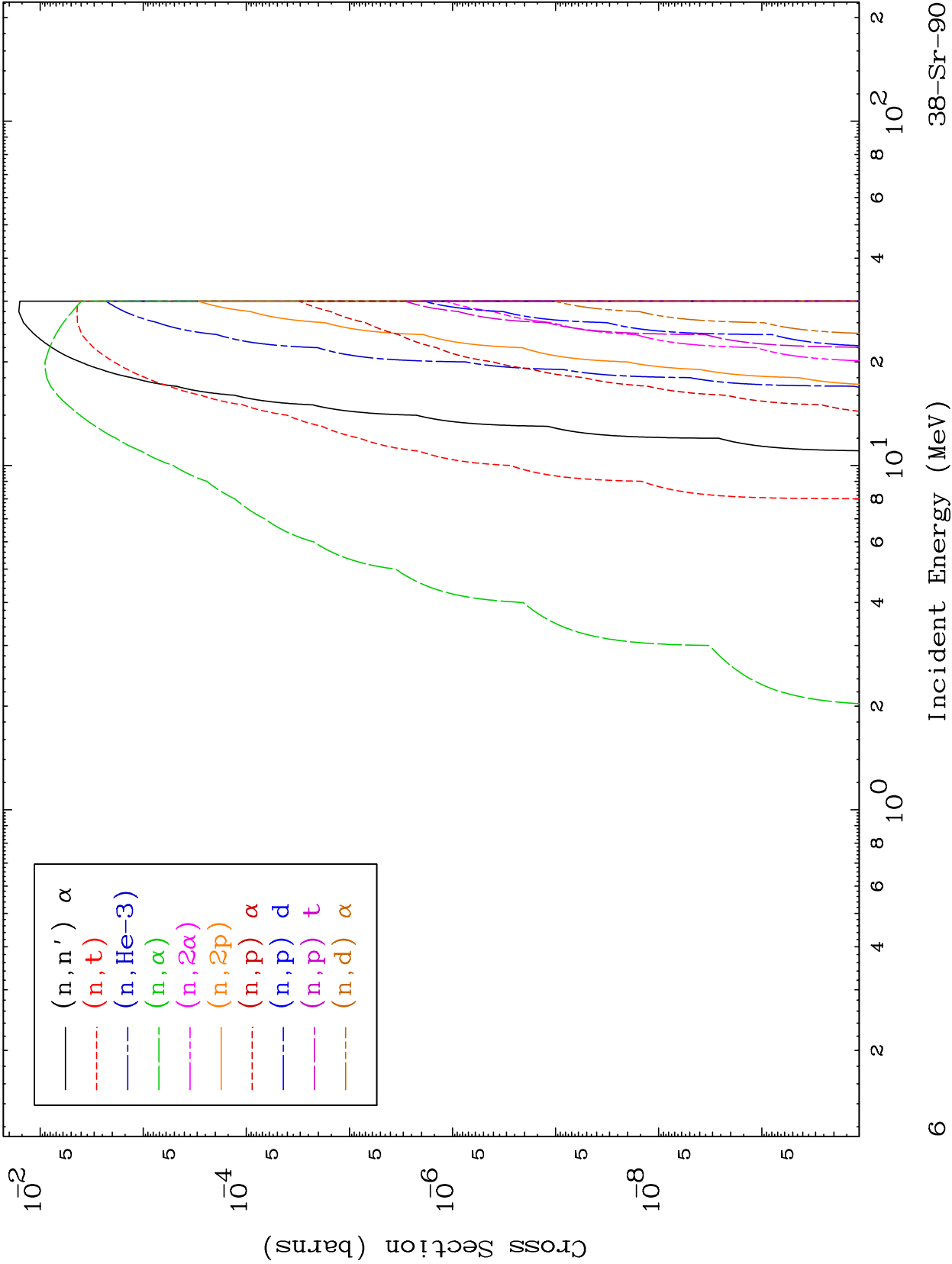
Incident Energy (MeV)

38-Sr-90

MAT 3843

Proton Charged Particle  
0 Kelvin Cross Sections

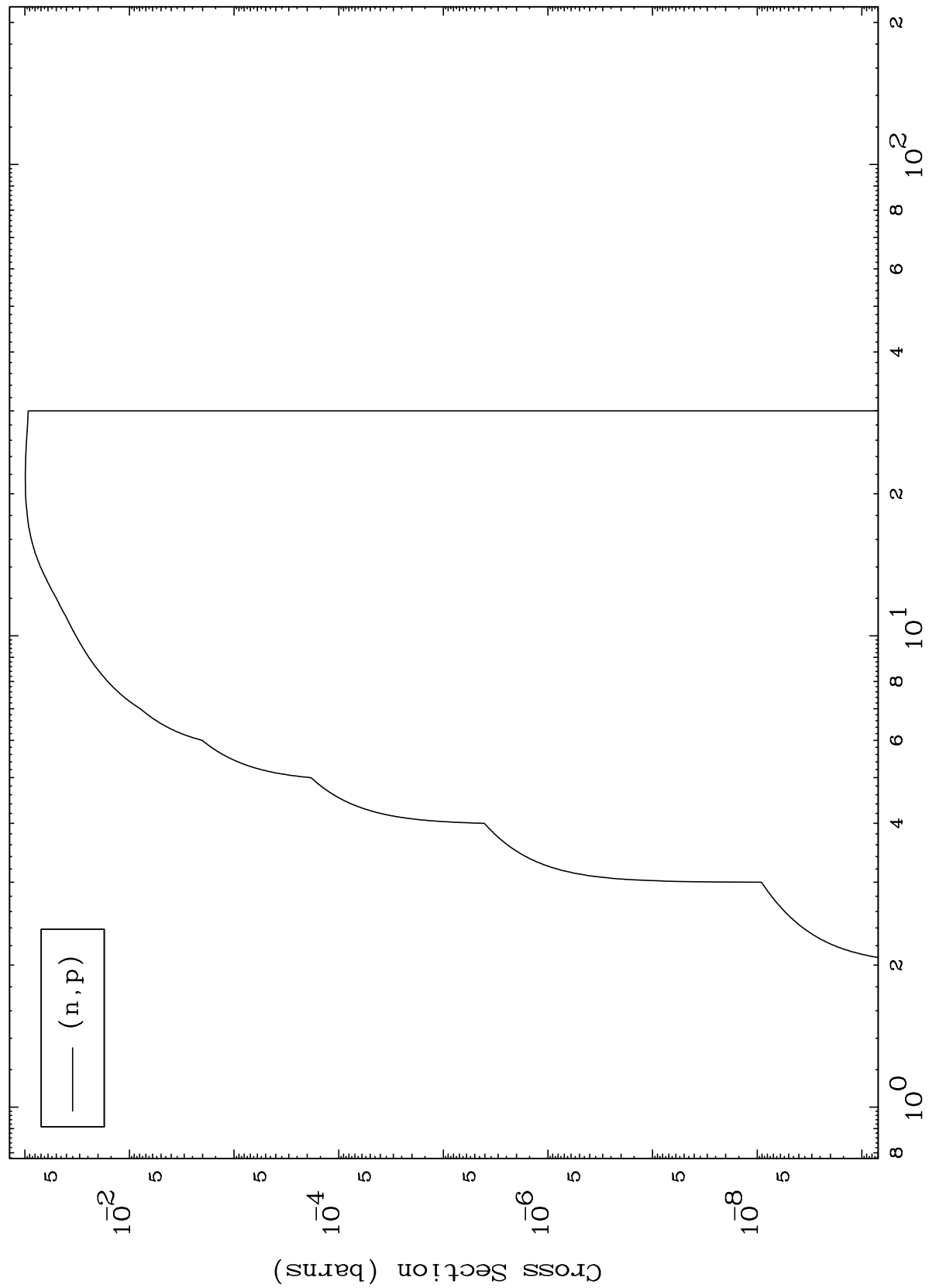
38-Sr-90



MAT 3843

38-Sr-90

(p,p) Levels  
0 Kelvin Cross Sections



38-Sr-90

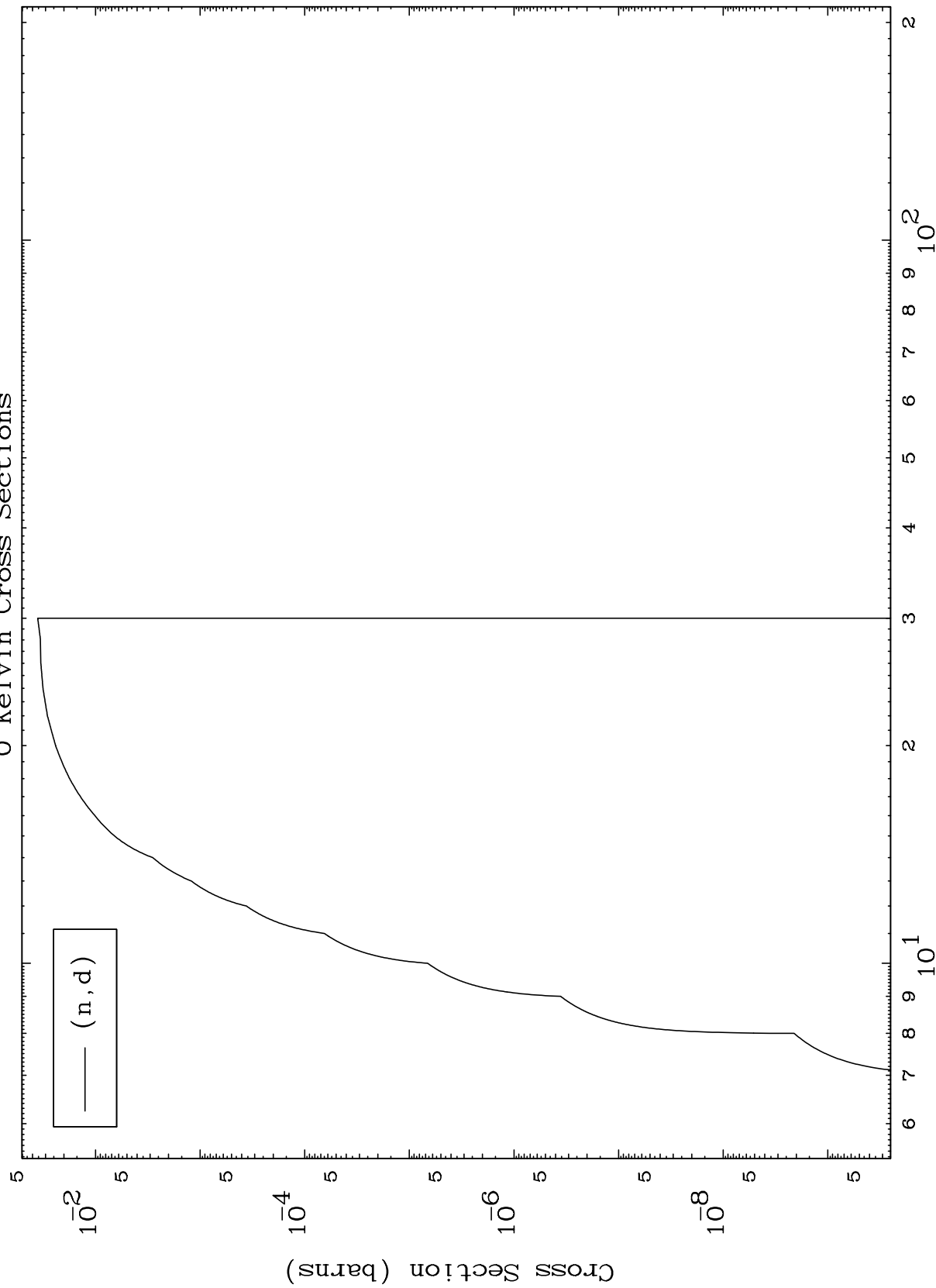
Incident Energy (MeV)

7

MAT 3843

(p,d) Levels  
0 Kelvin Cross Sections

38-Sr-90



8

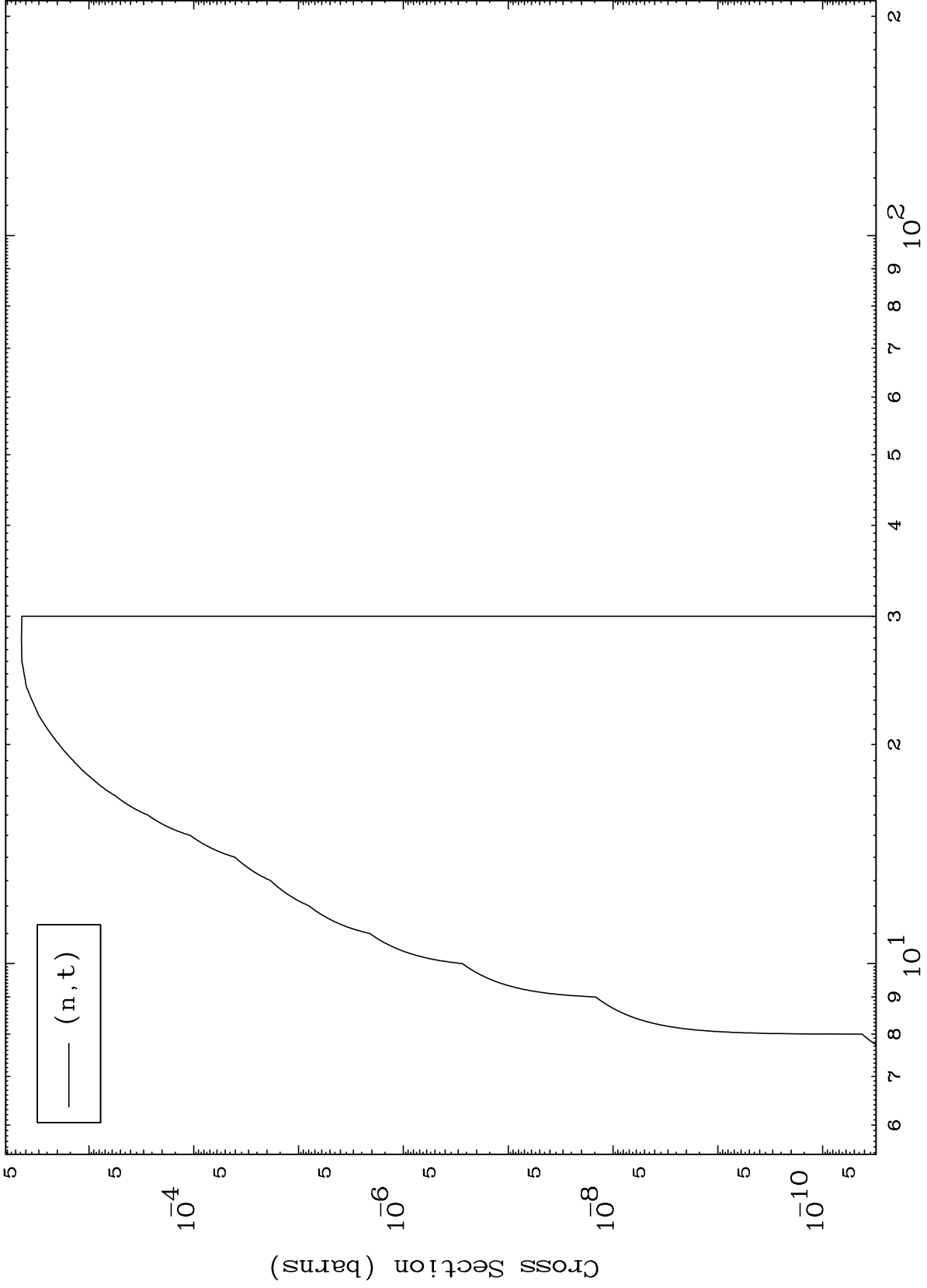
Incident Energy (MeV)

38-Sr-90

MAT 3843

(p,t) Levels  
0 Kelvin Cross Sections

38-Sr-90



9

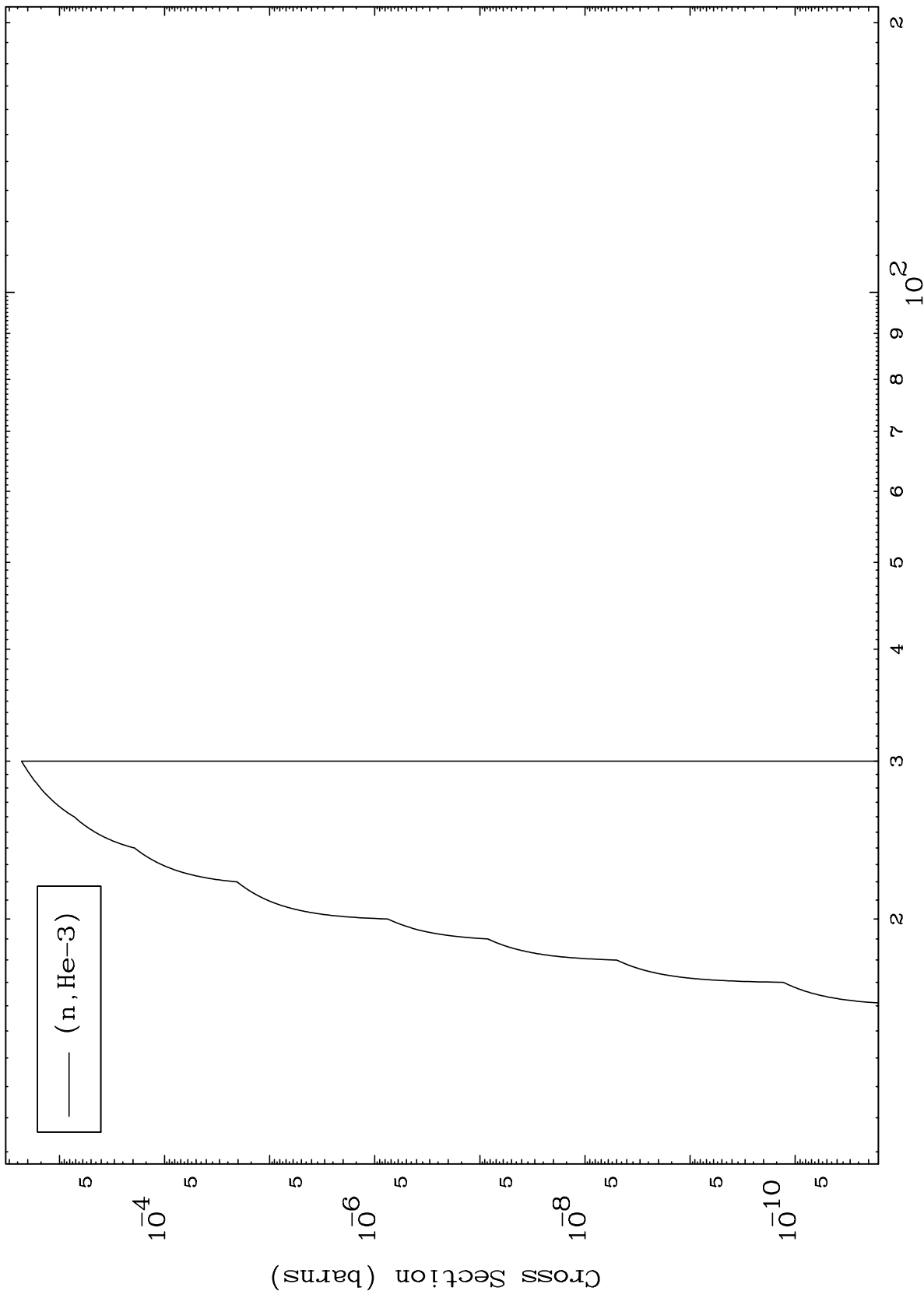
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

(p,He3) Levels  
0 Kelvin Cross Sections



38-Sr-90

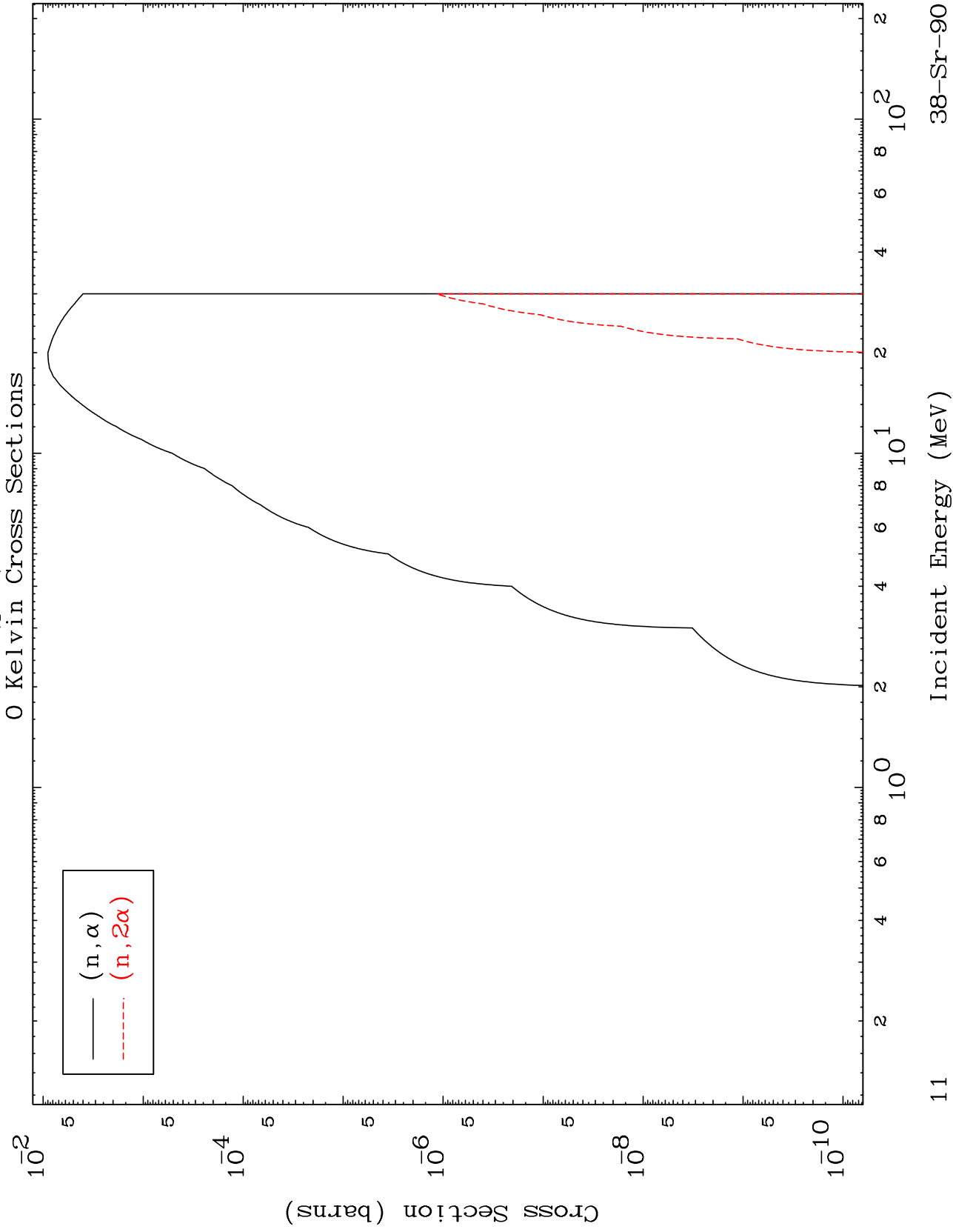
Incident Energy (MeV)

10

MAT 3843

(p,  $\alpha$ ) Levels

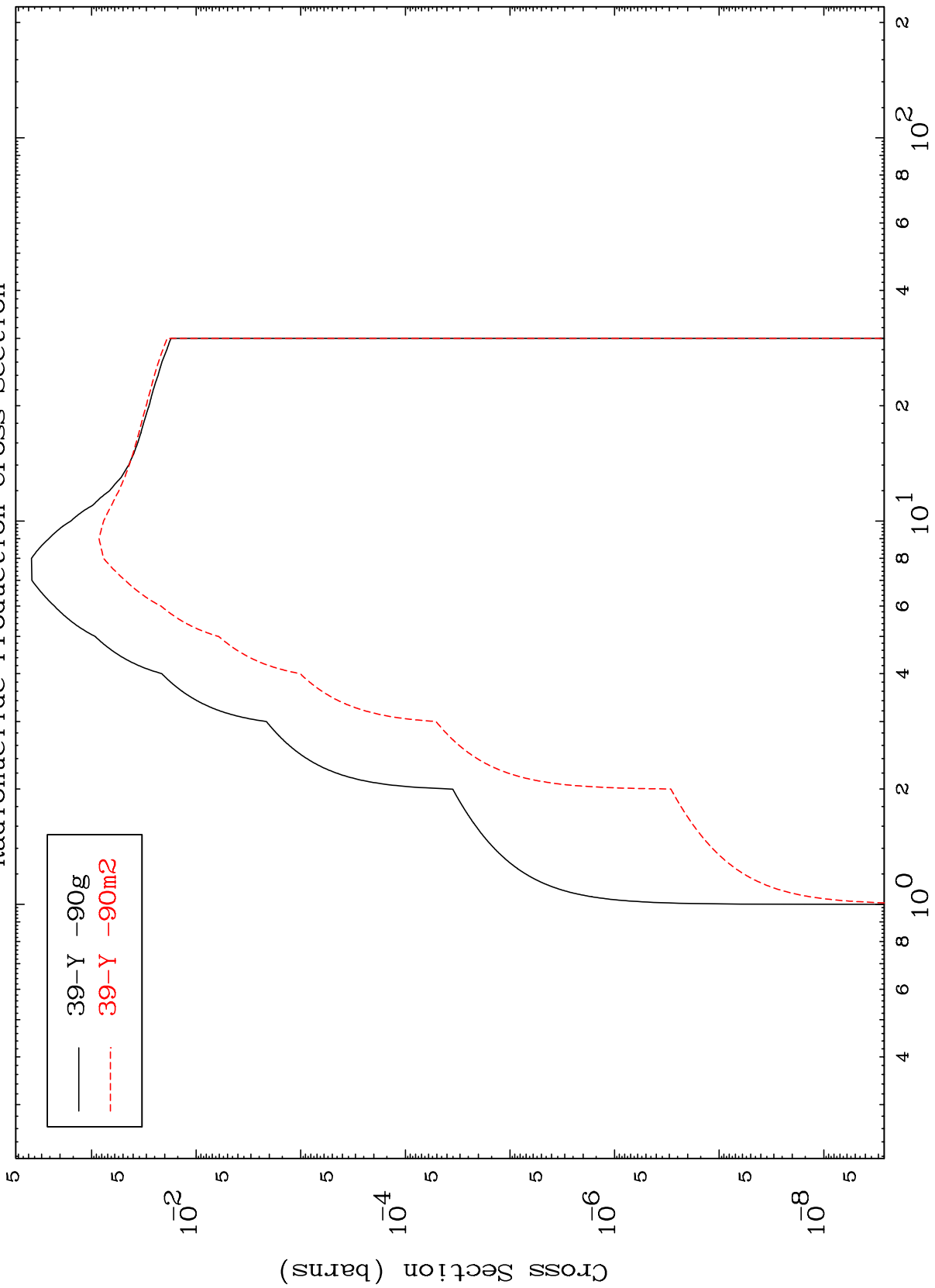
<sup>38</sup>Sr-90



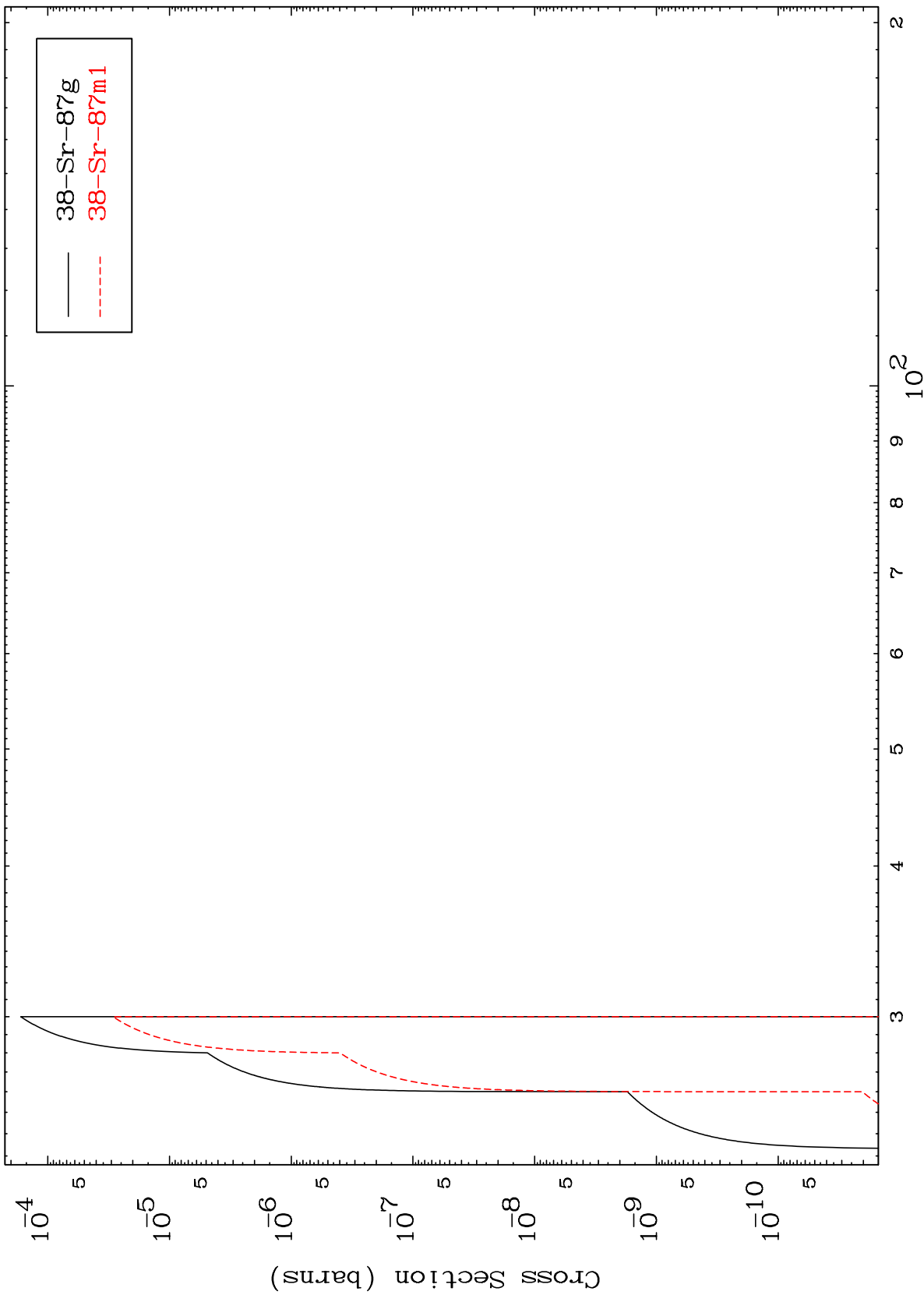
MAT 3843

38-Sr-90

Inelastic  
Radionuclide Production Cross Section



Radionuclide Production Cross Section

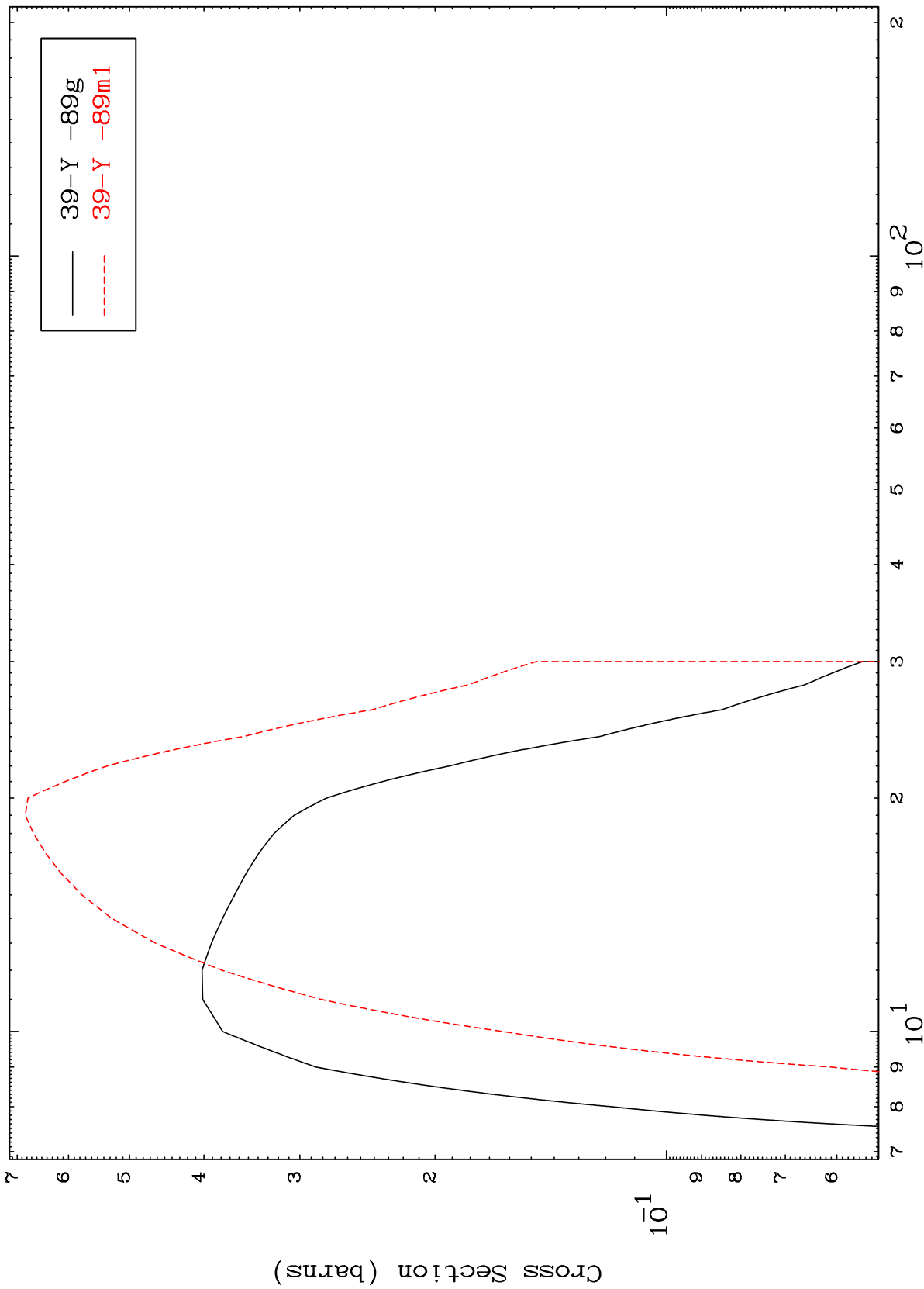


38-Sr-87g  
38-Sr-87m1

MAT 3843

38-Sr-90

(n,2n)  
Radionuclide Production Cross Section



38-Sr-90

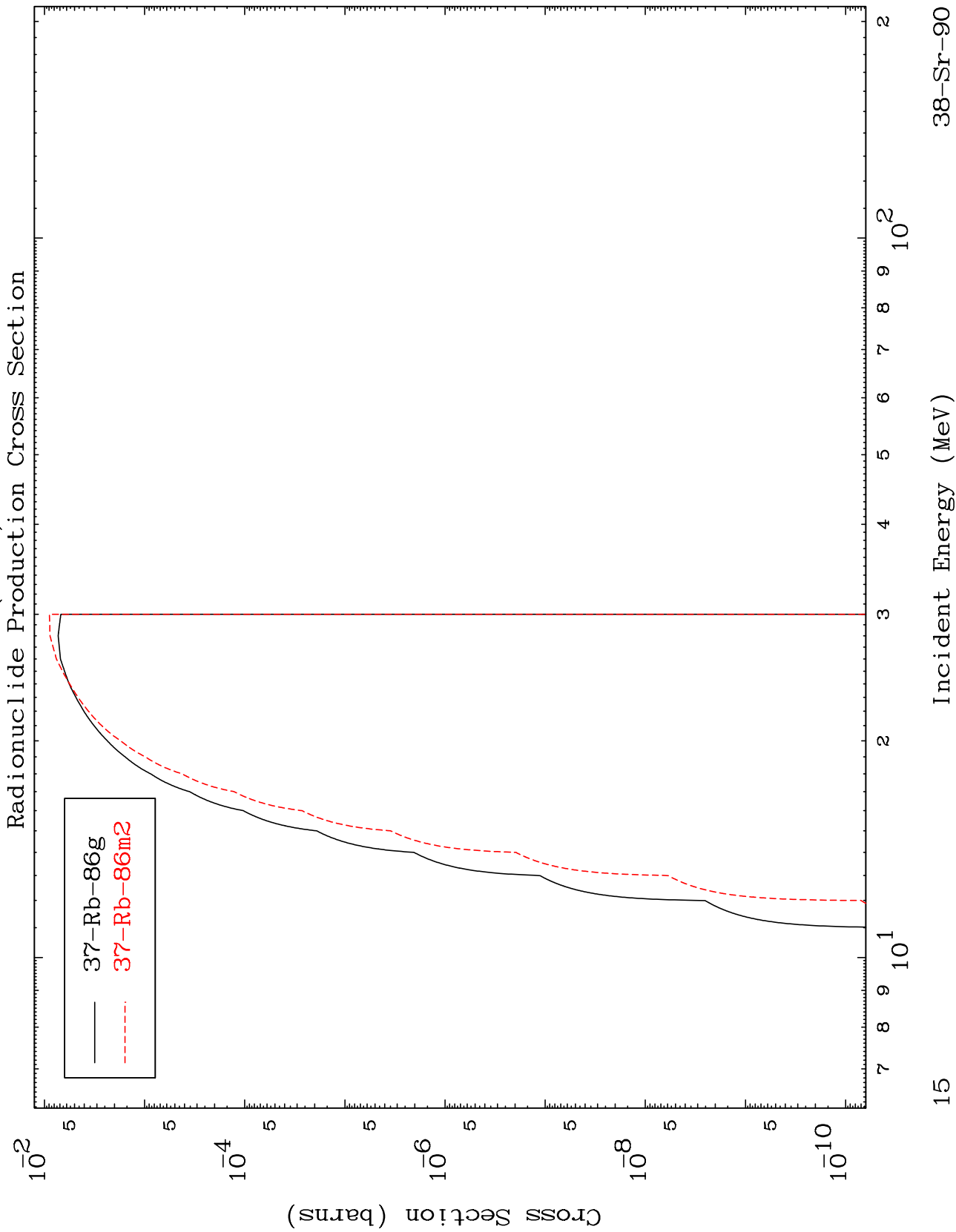
Incident Energy (MeV)

14

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$(n, n') \alpha$

$^{38}\text{Sr-90}$



15

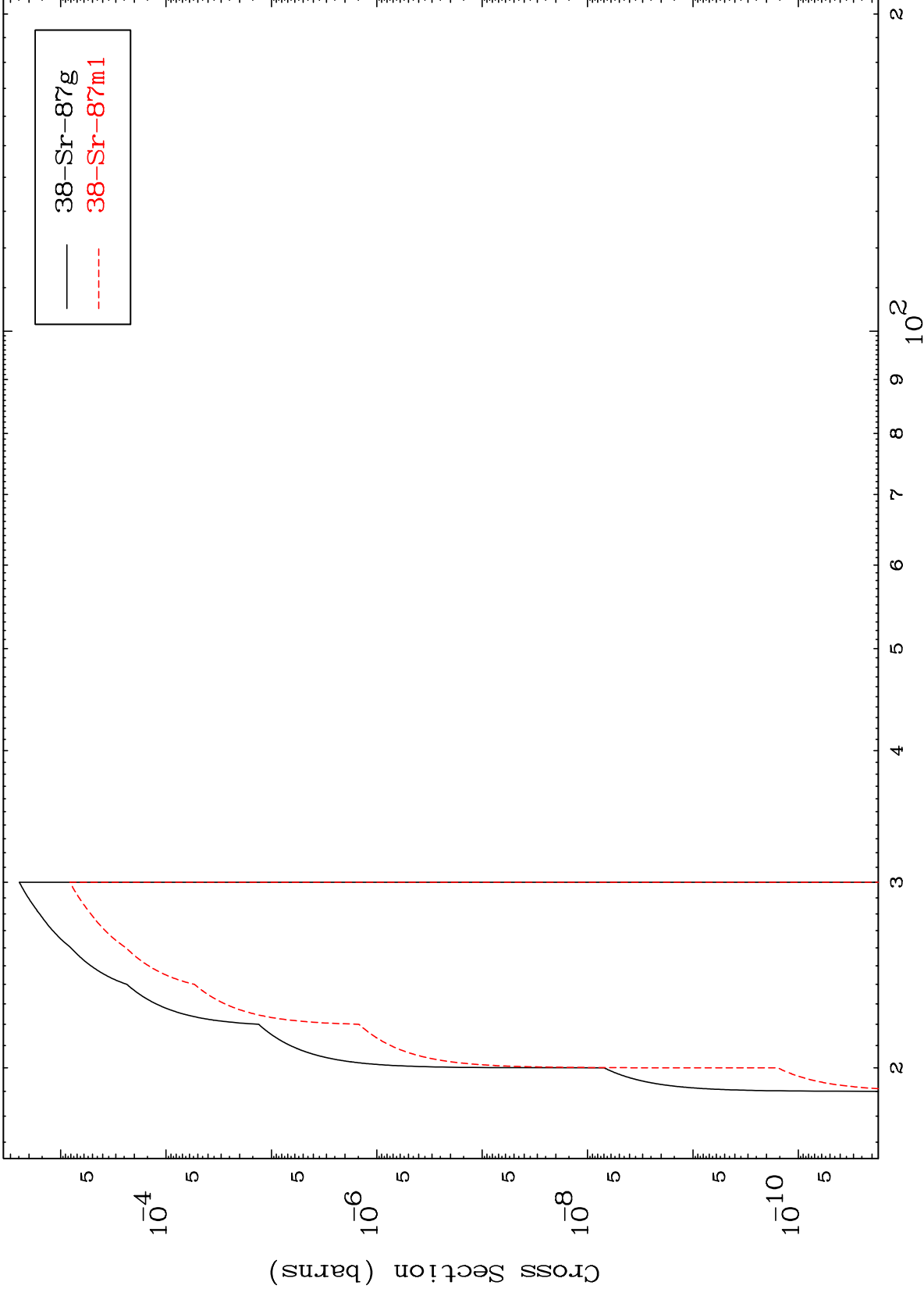
$^{38}\text{Sr-90}$

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(n,n') t

38-Sr-90

Radionuclide Production Cross Section



16

Incident Energy (MeV)

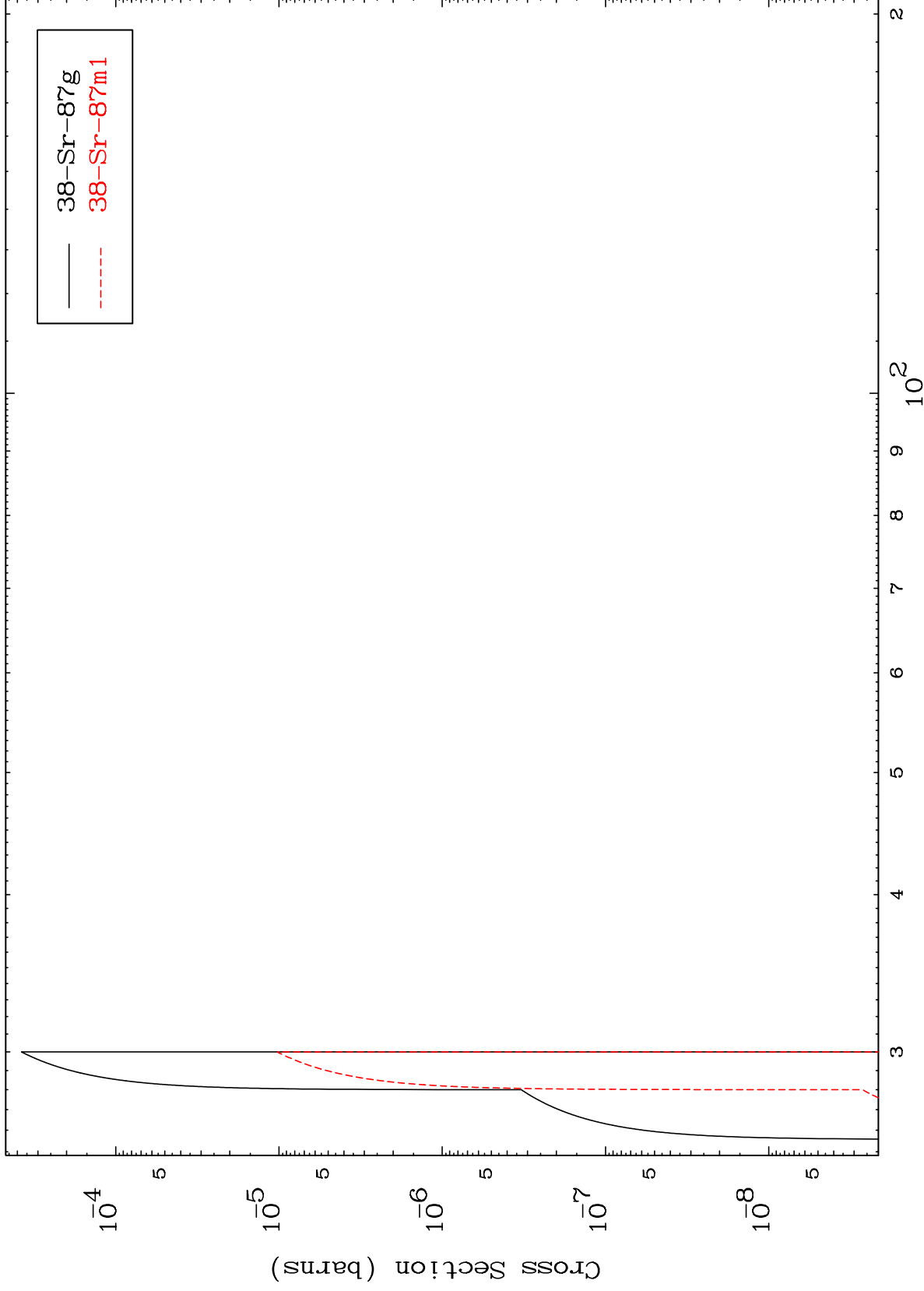
38-Sr-90

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(n,3n) p

38-Sr-90

Radionuclide Production Cross Section



17

Incident Energy (MeV)

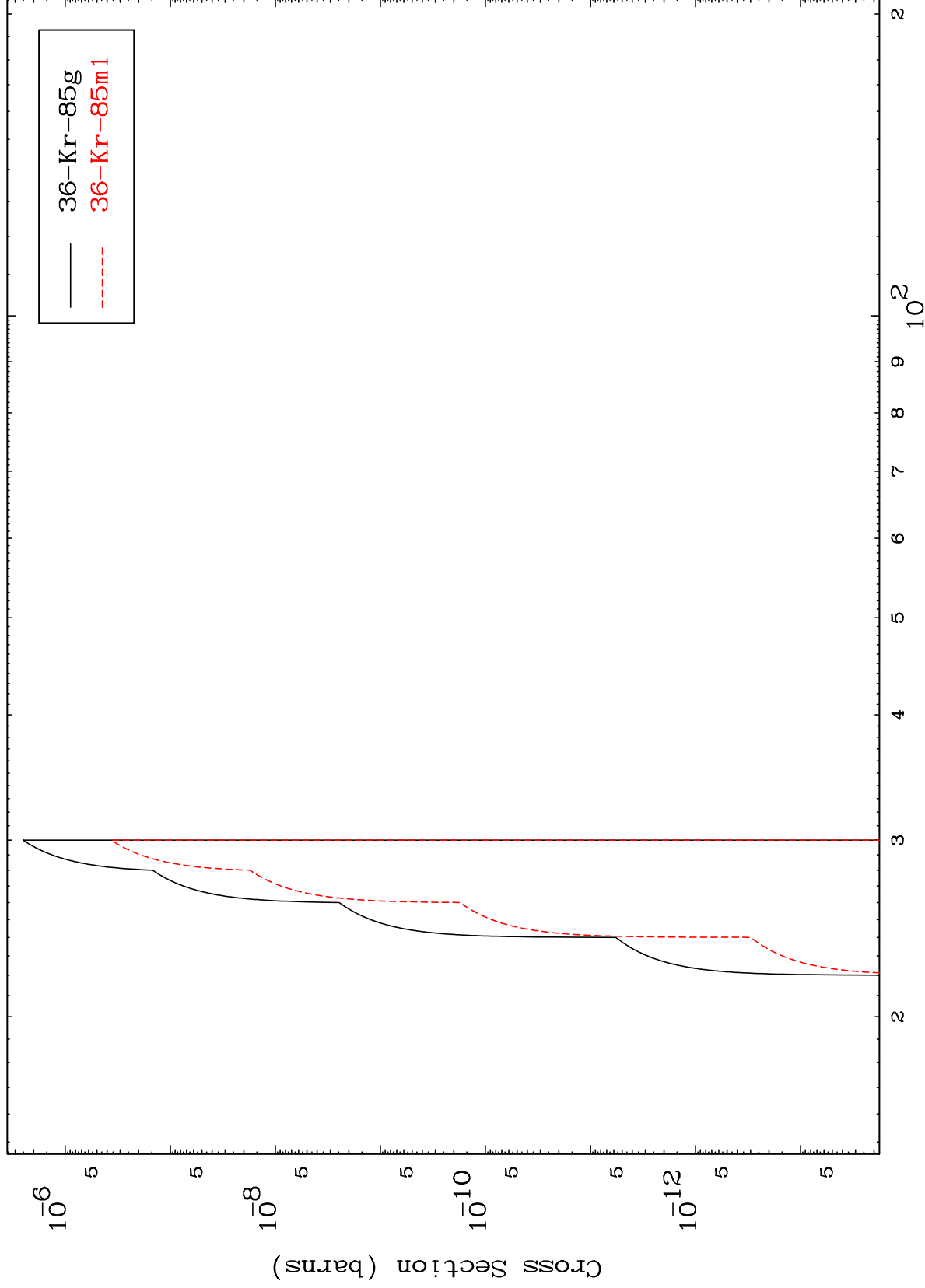
38-Sr-90

MAT 3843

(n,n') p  $\alpha$

38-Sr-90

Radionuclide Production Cross Section



18

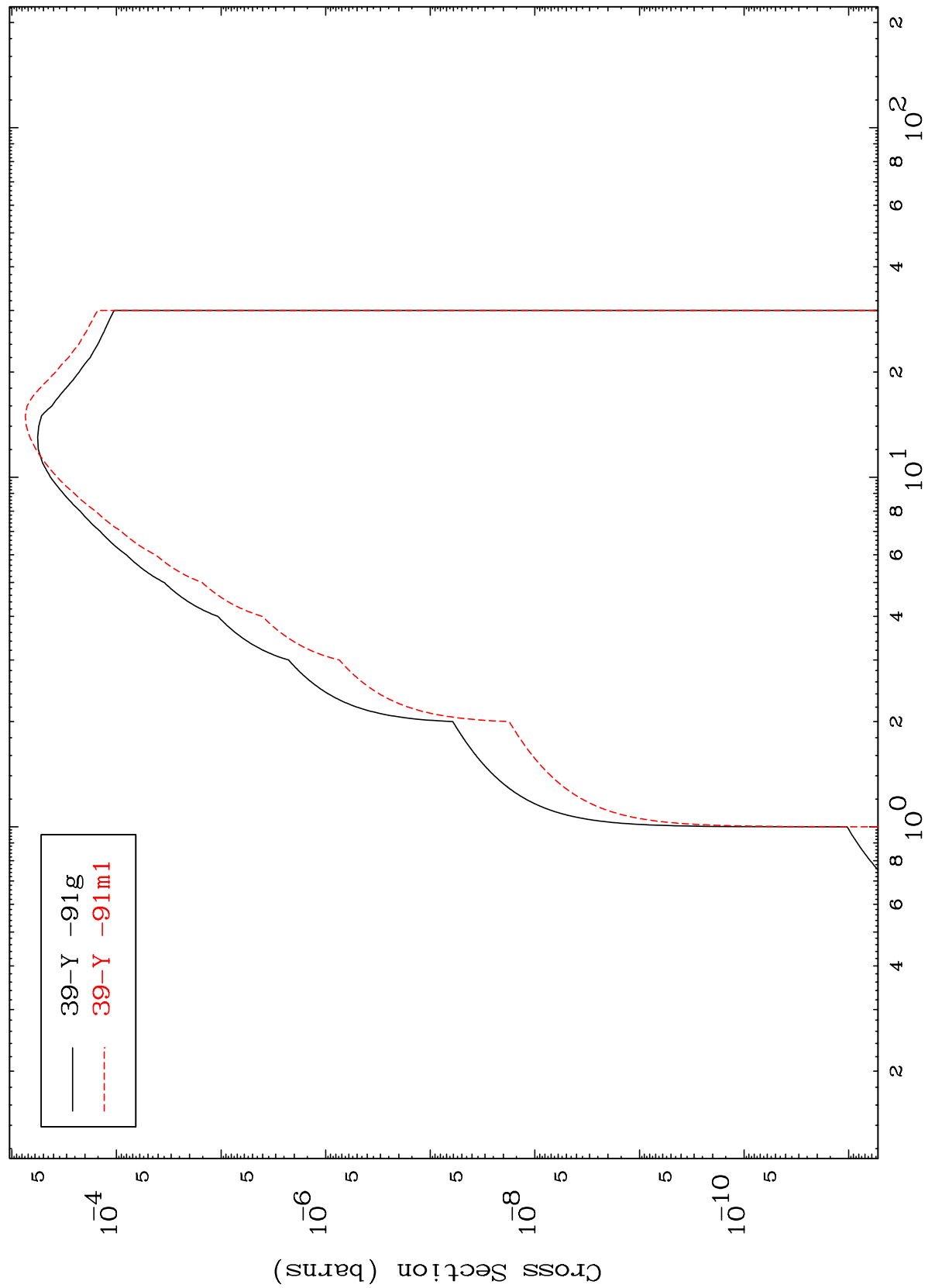
Incident Energy (MeV)

38-Sr-90

MAT 3843

38-Sr-90

(n,γ)  
Radionuclide Production Cross Section



38-Sr-90

Incident Energy (MeV)

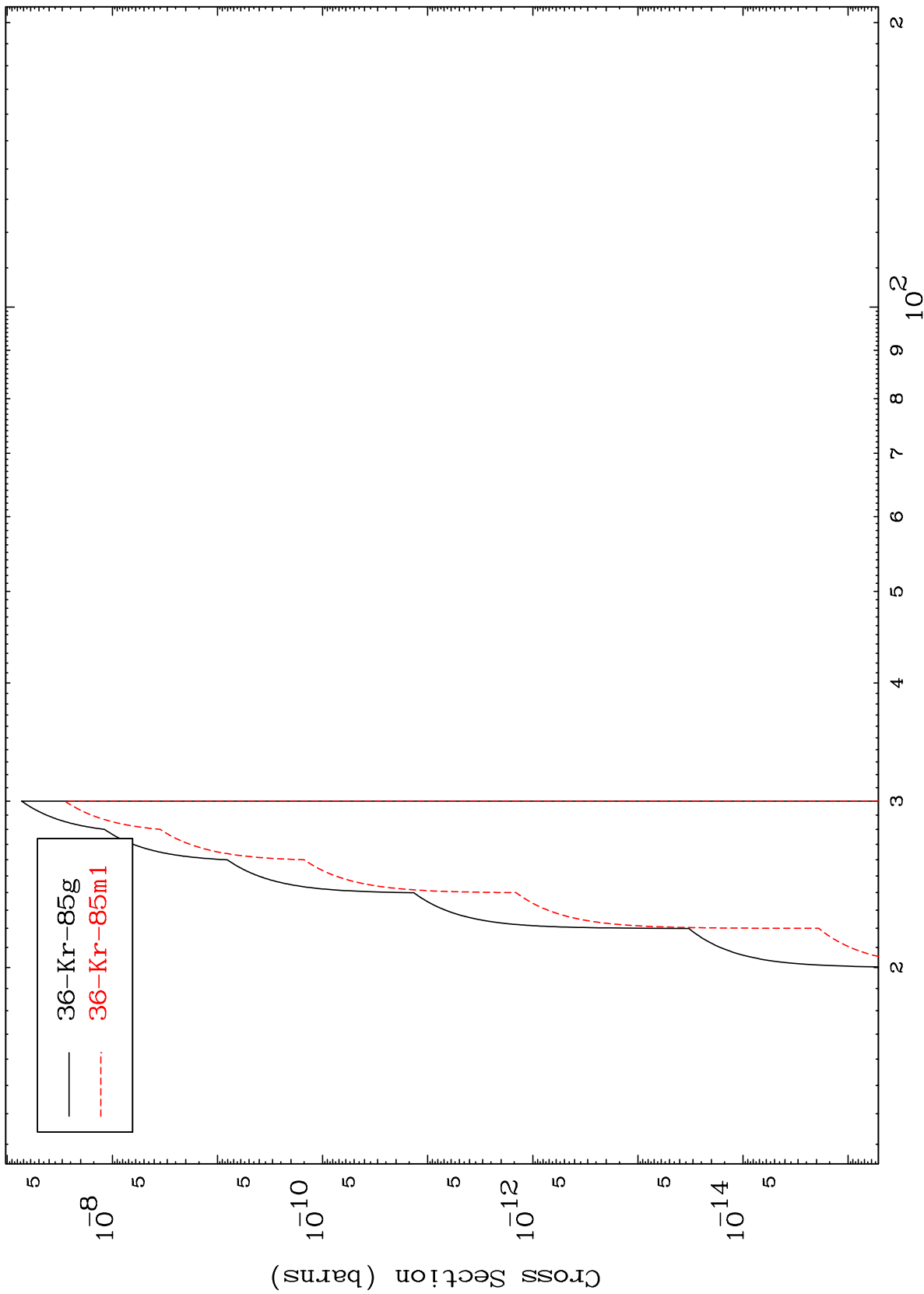
19

MAT 3843

(n,d)  $\alpha$

38-Sr-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

38-Sr-90