

Program EVALPLOT
(Version 2021-1)

by

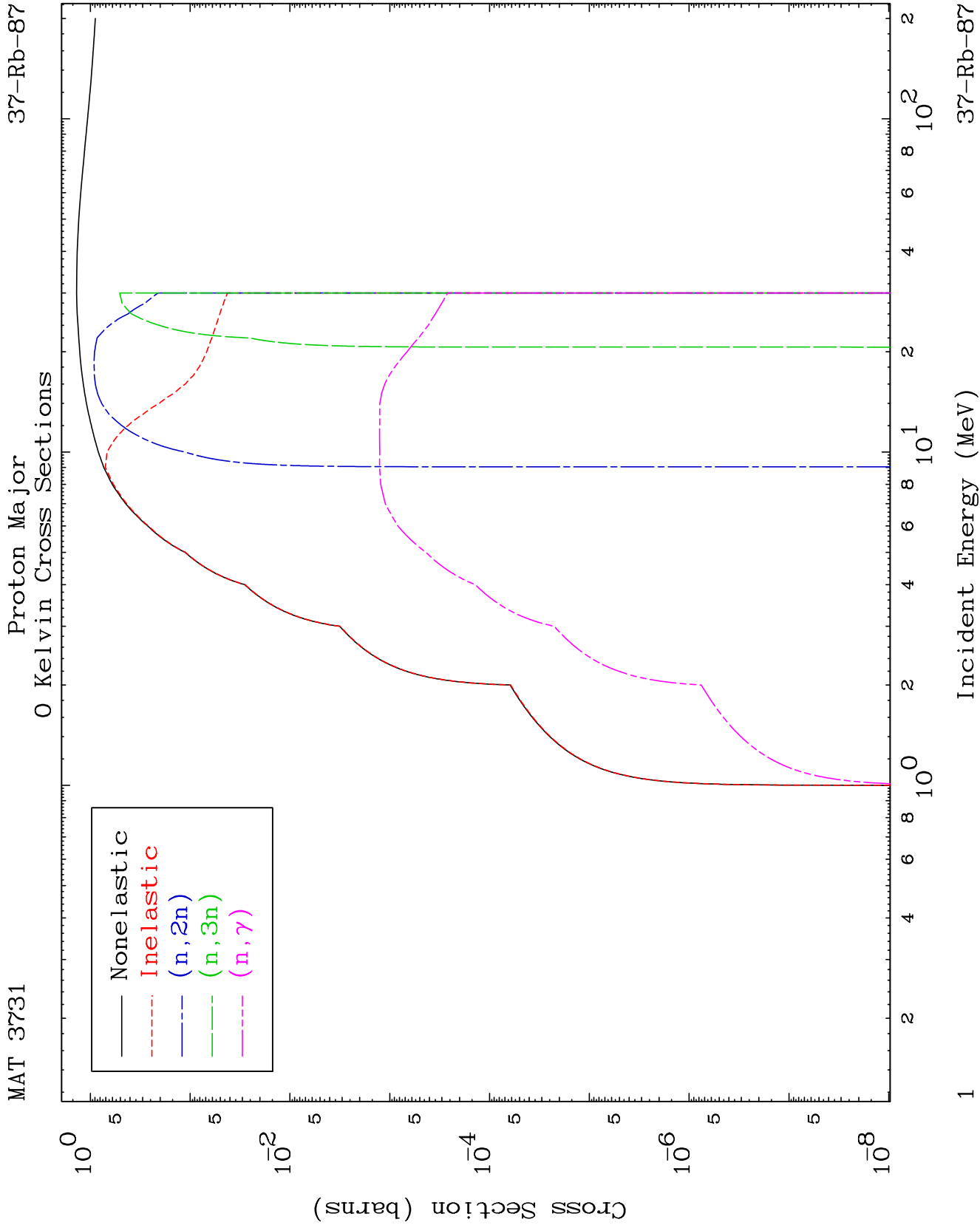
Dermott E. Cullen
(Present Contact Information)

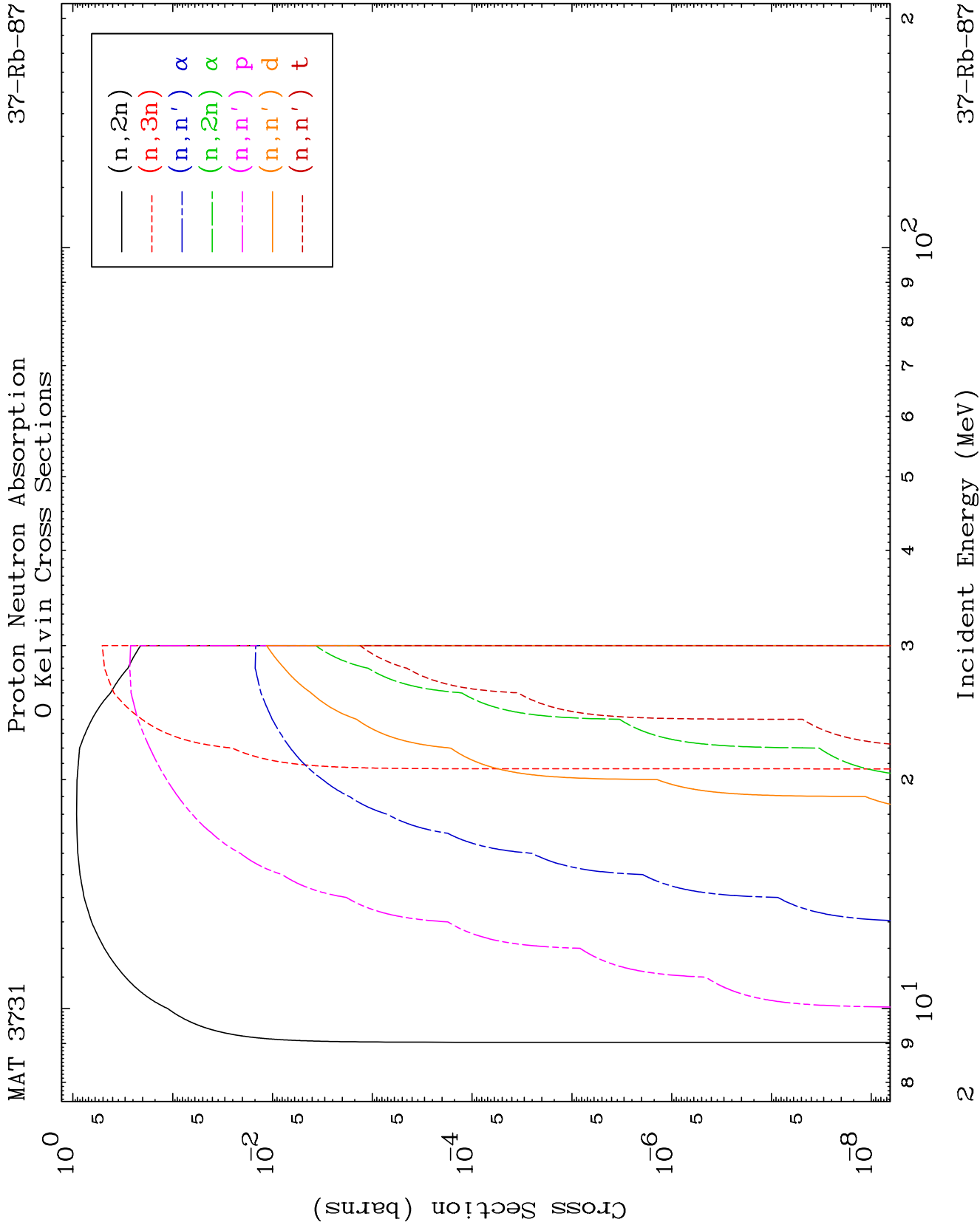
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

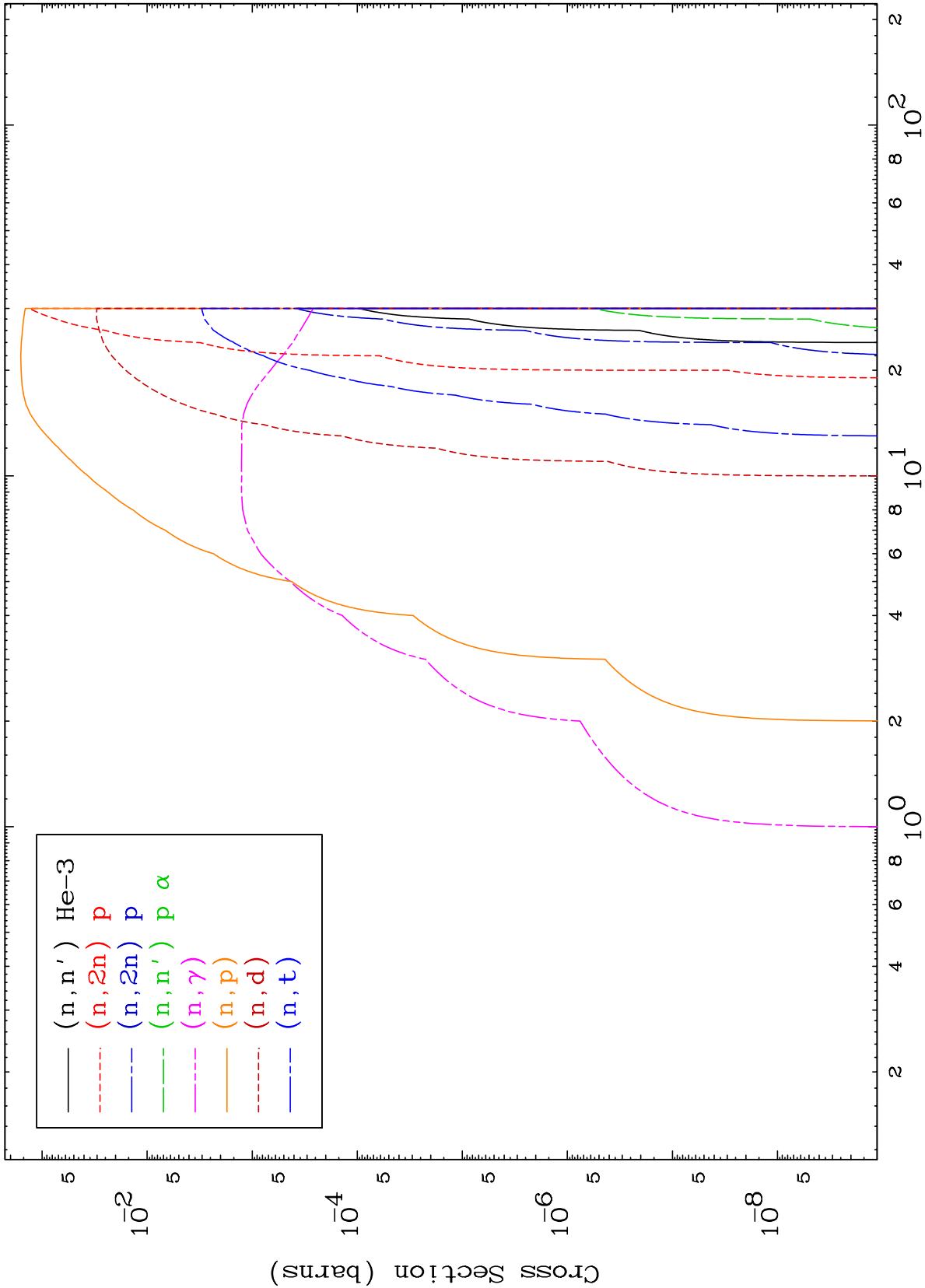
Tele: 925-443-1911

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

Press Mouse Button to Start



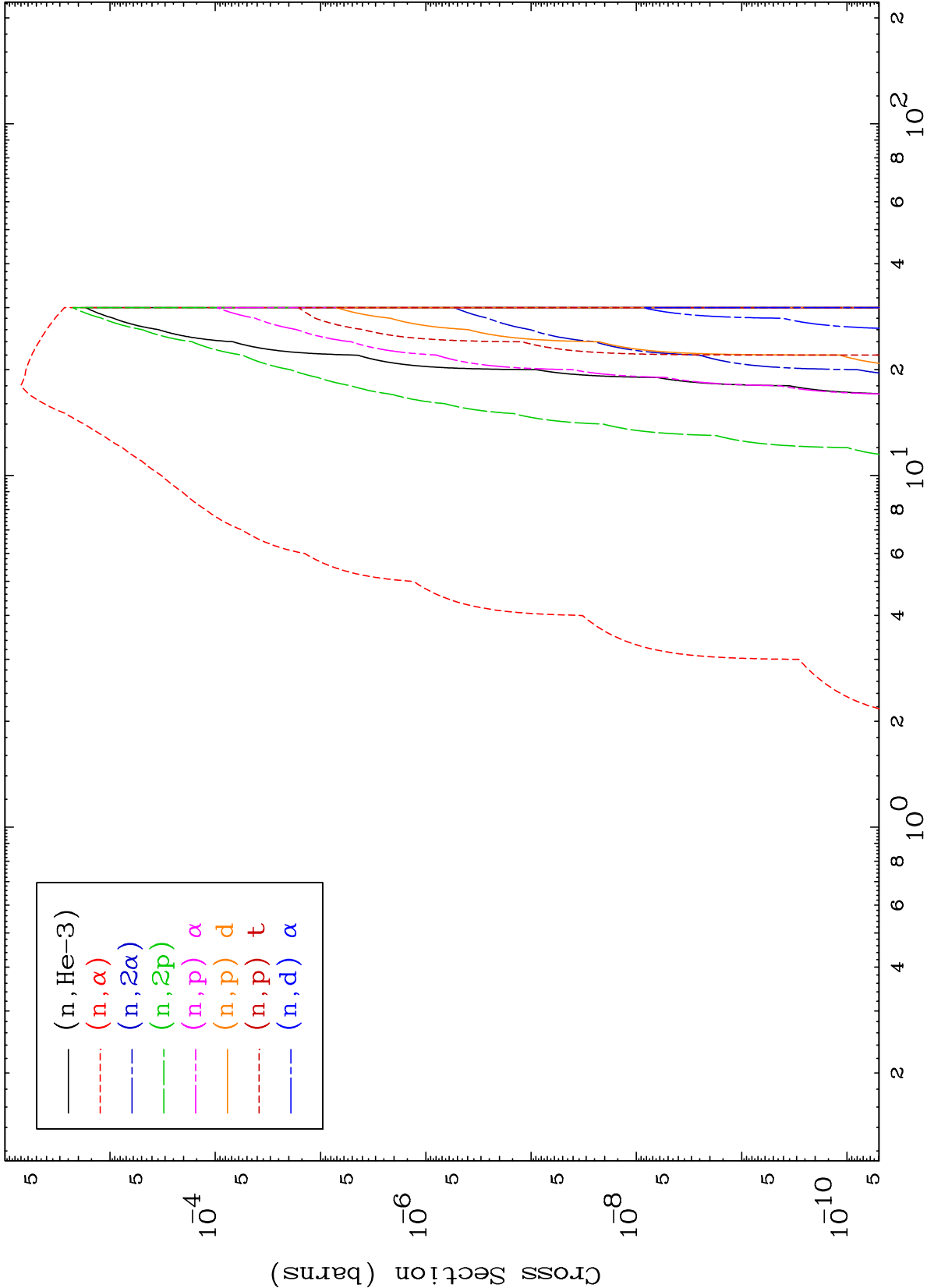




MAT 3731

Proton Neutron Absorption
0 Kelvin Cross Sections

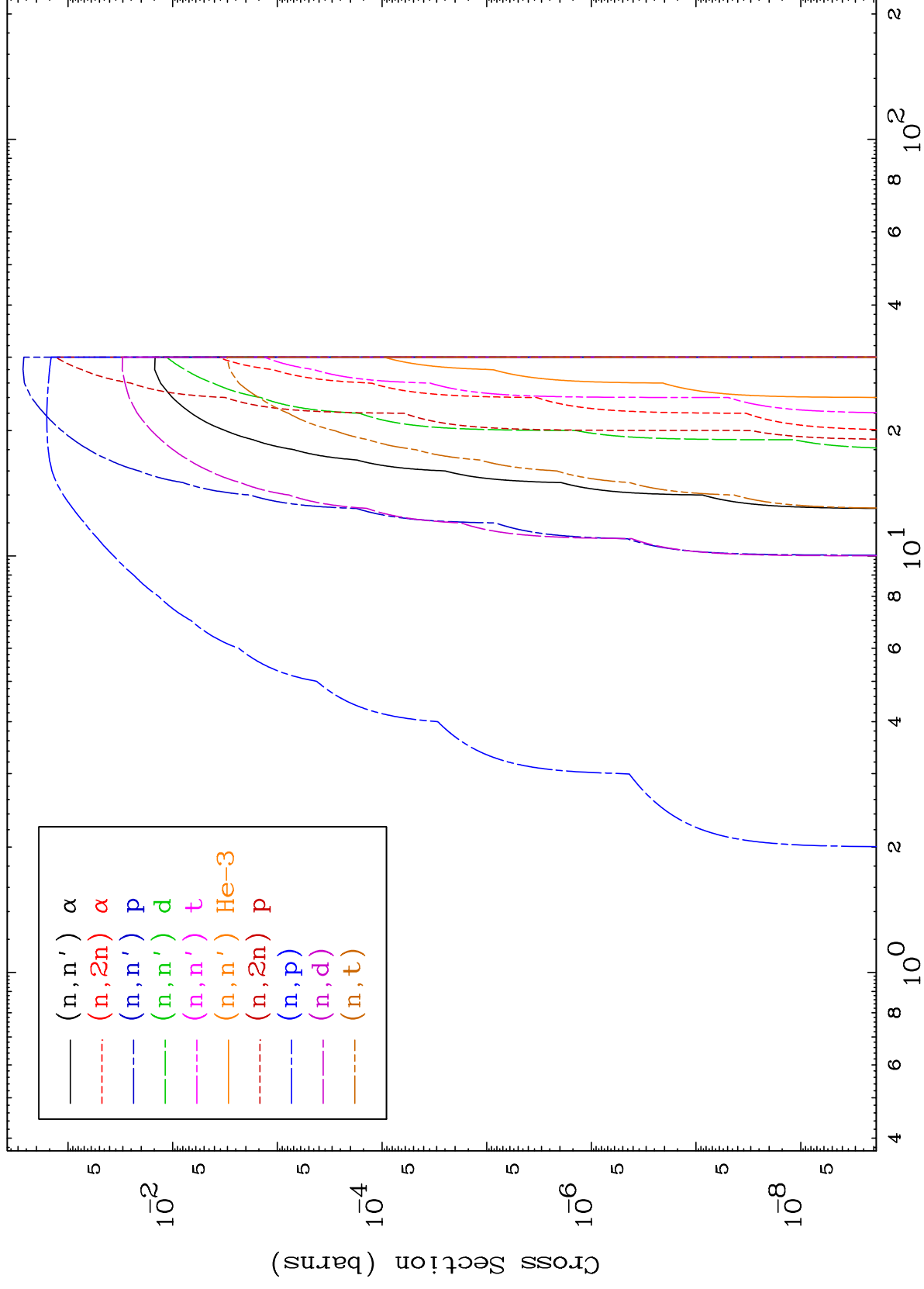
³⁷Rb-87



MAT 3731

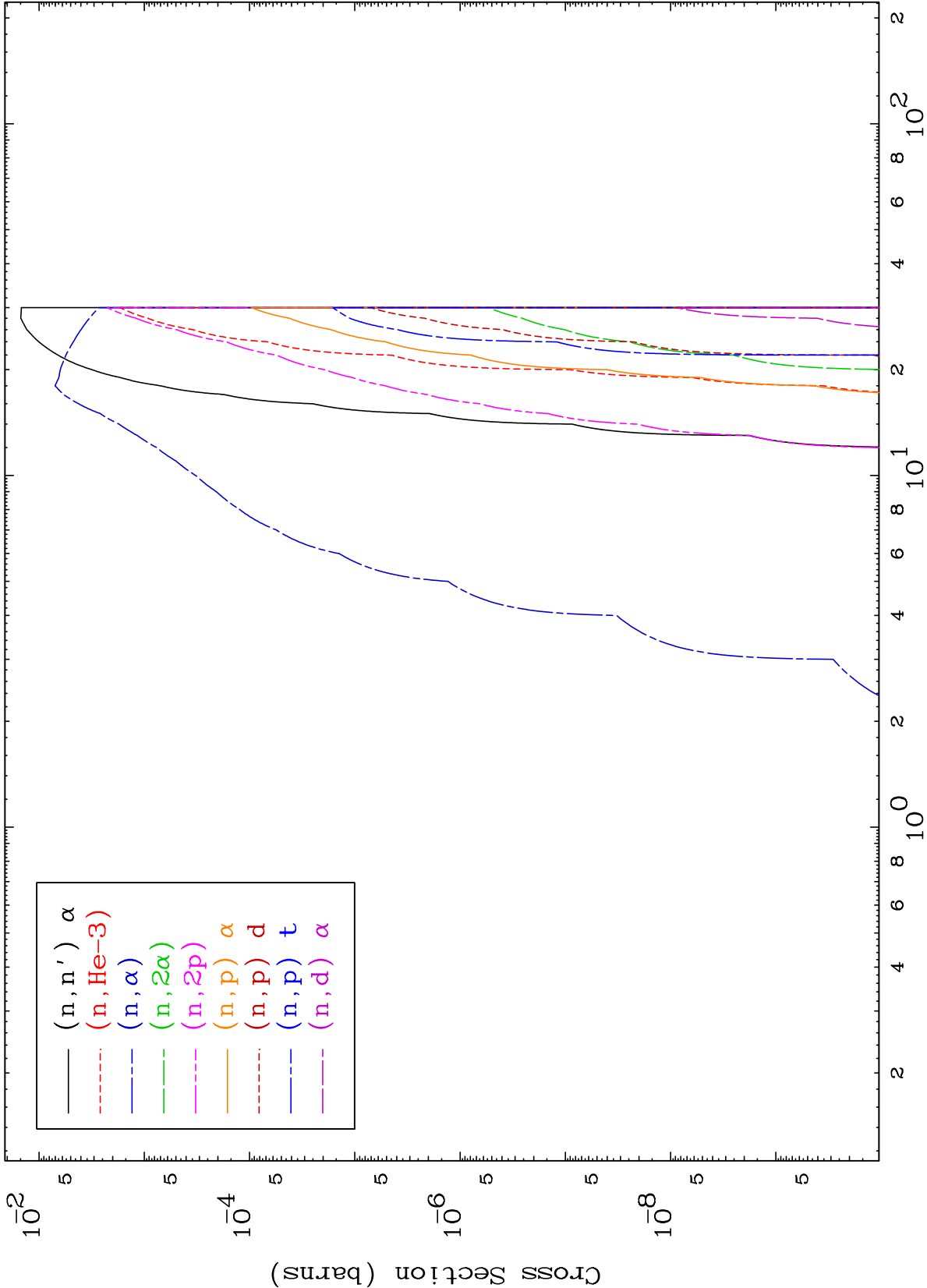
Proton Charged Particle
0 Kelvin Cross Sections

37-Rb-87



Incident Energy (MeV)

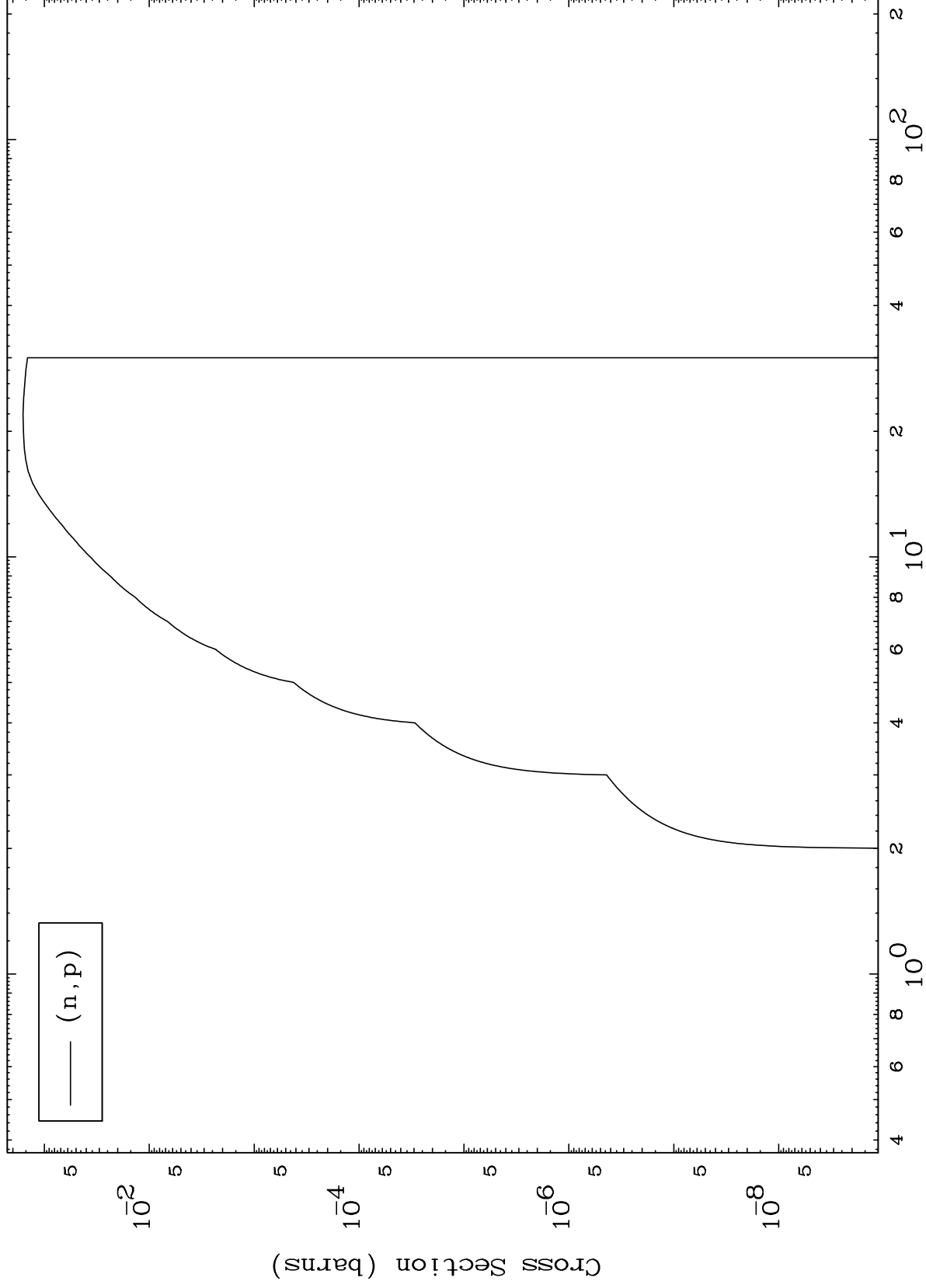
37-Rb-87



MAT 3731

37-Rb-87

(p,p) Levels
0 Kelvin Cross Sections



37-Rb-87

Incident Energy (MeV)

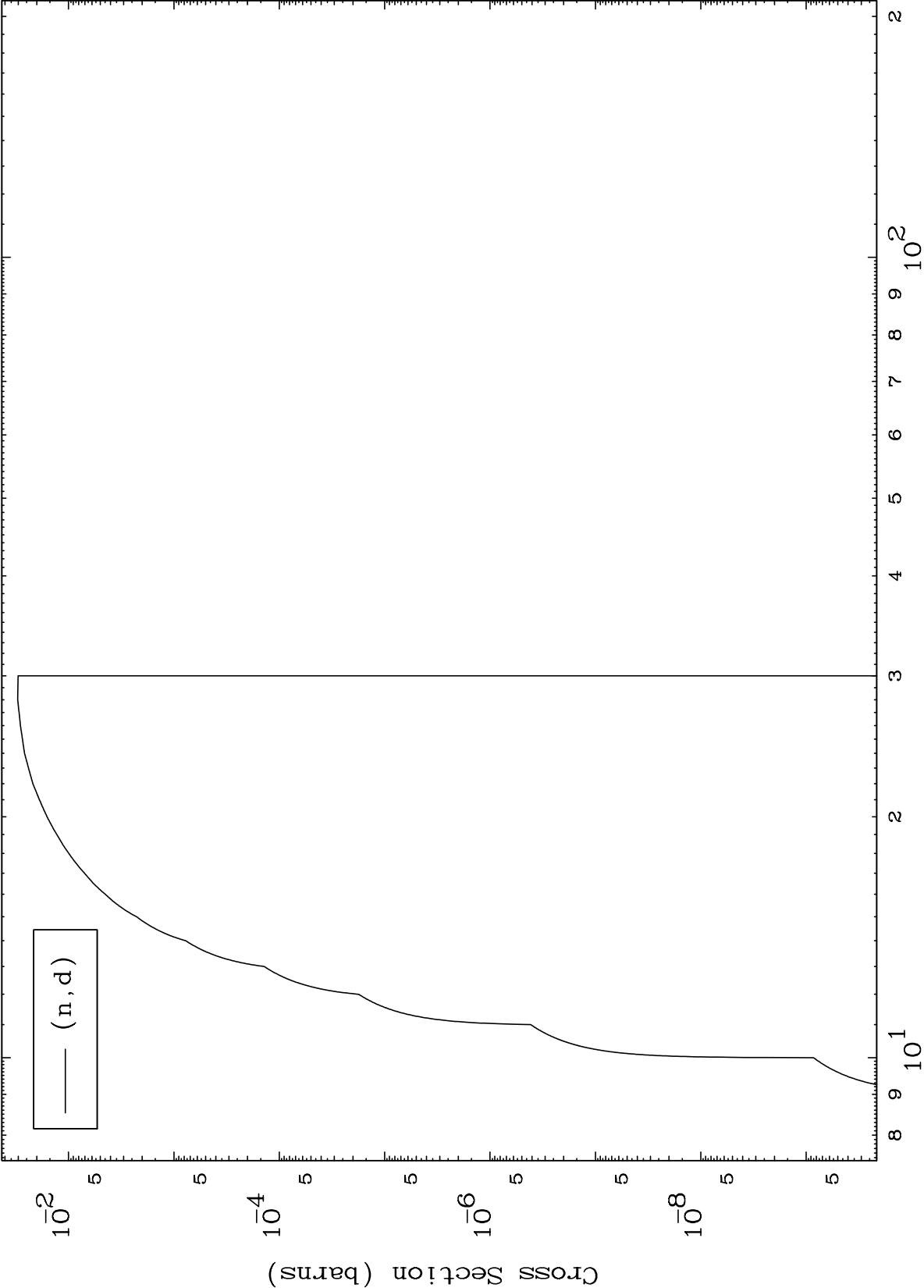
7

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(p,d) Levels

37-Rb-87

0 Kelvin Cross Sections



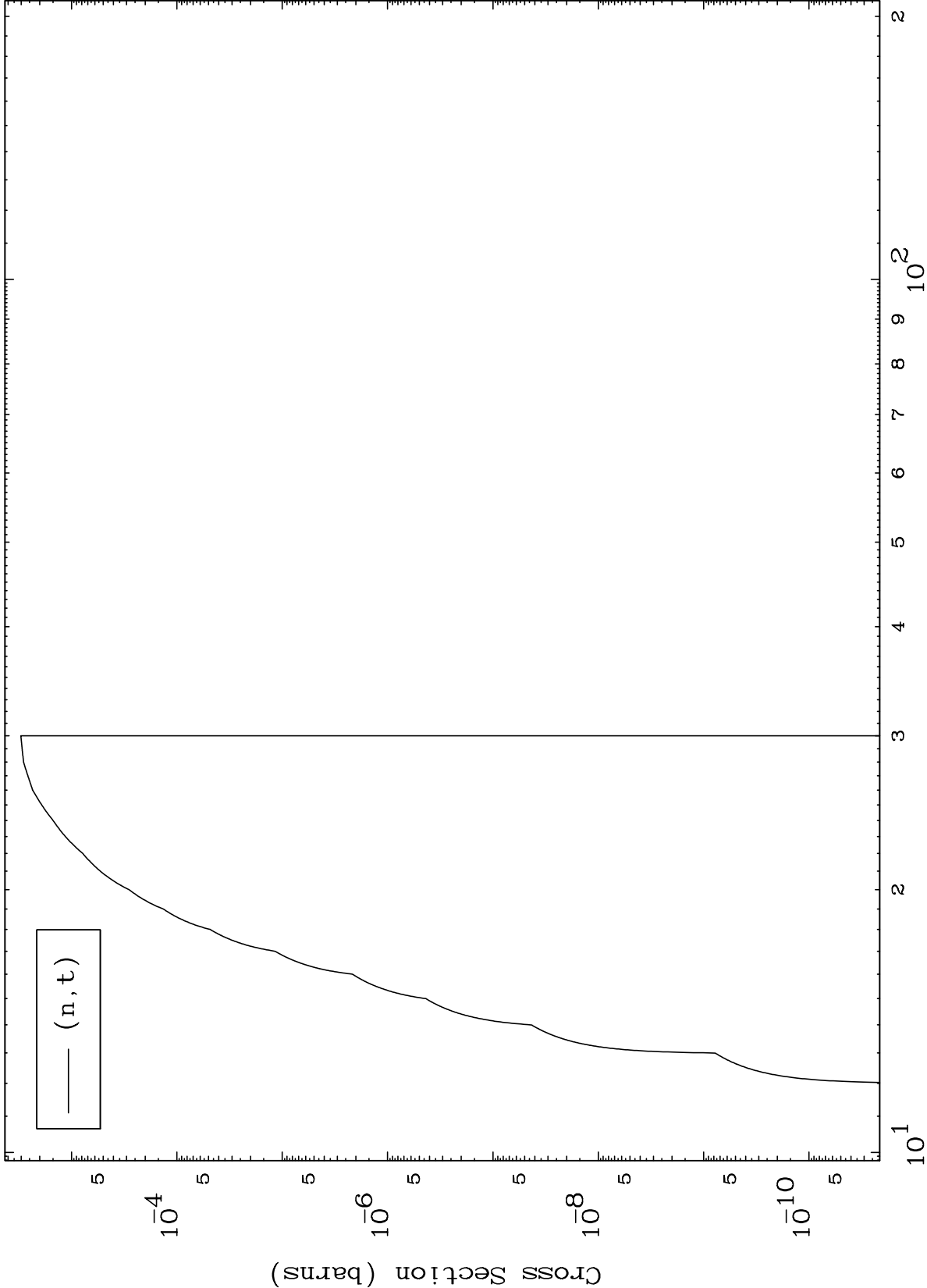
Incident Energy (MeV)

37-Rb-87

MAT 3731

(p,t) Levels
0 Kelvin Cross Sections

37-Rb-87



Incident Energy (MeV)

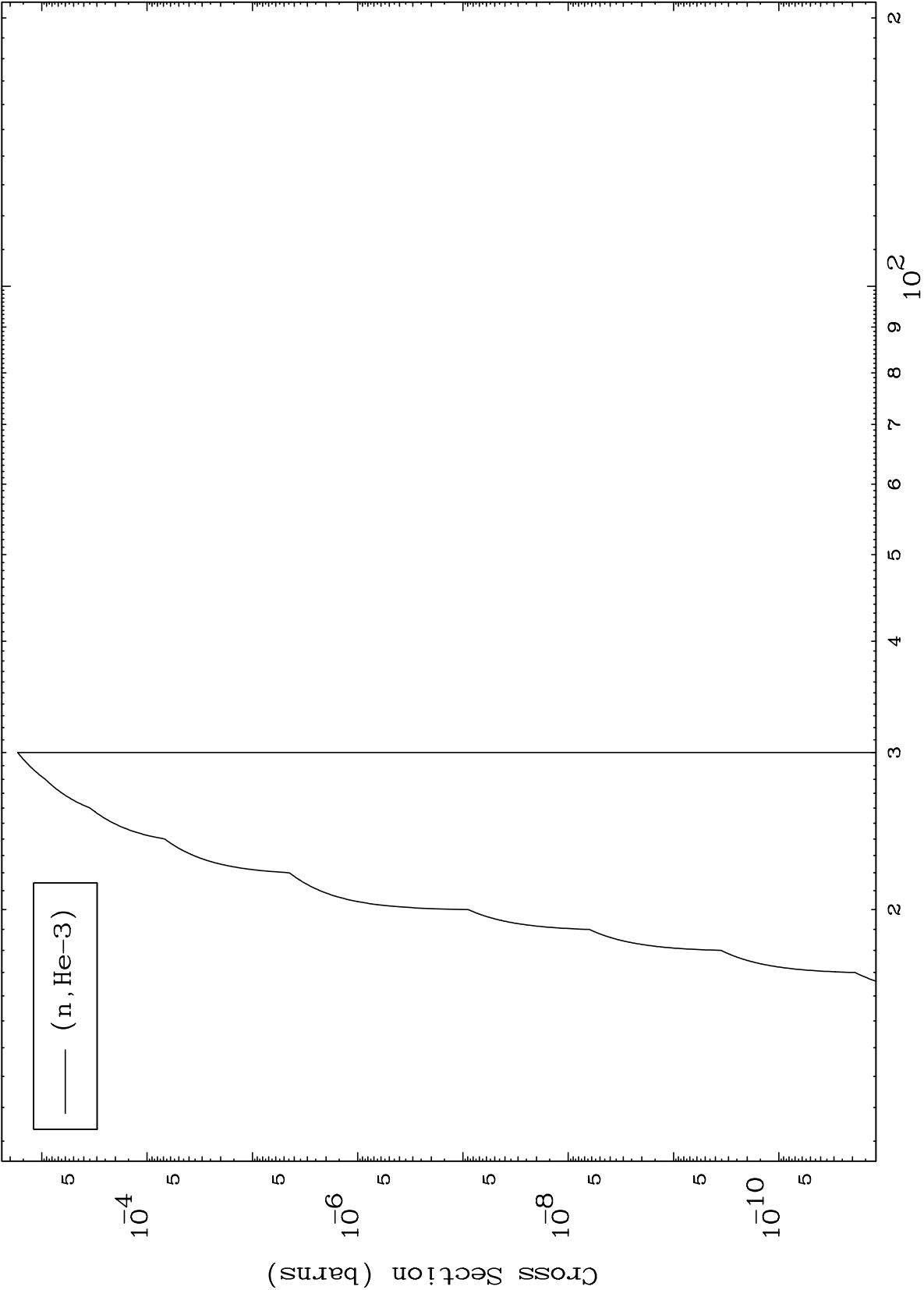
37-Rb-87

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(p,He3) Levels

37-Rb-87

0 Kelvin Cross Sections



10

Incident Energy (MeV)

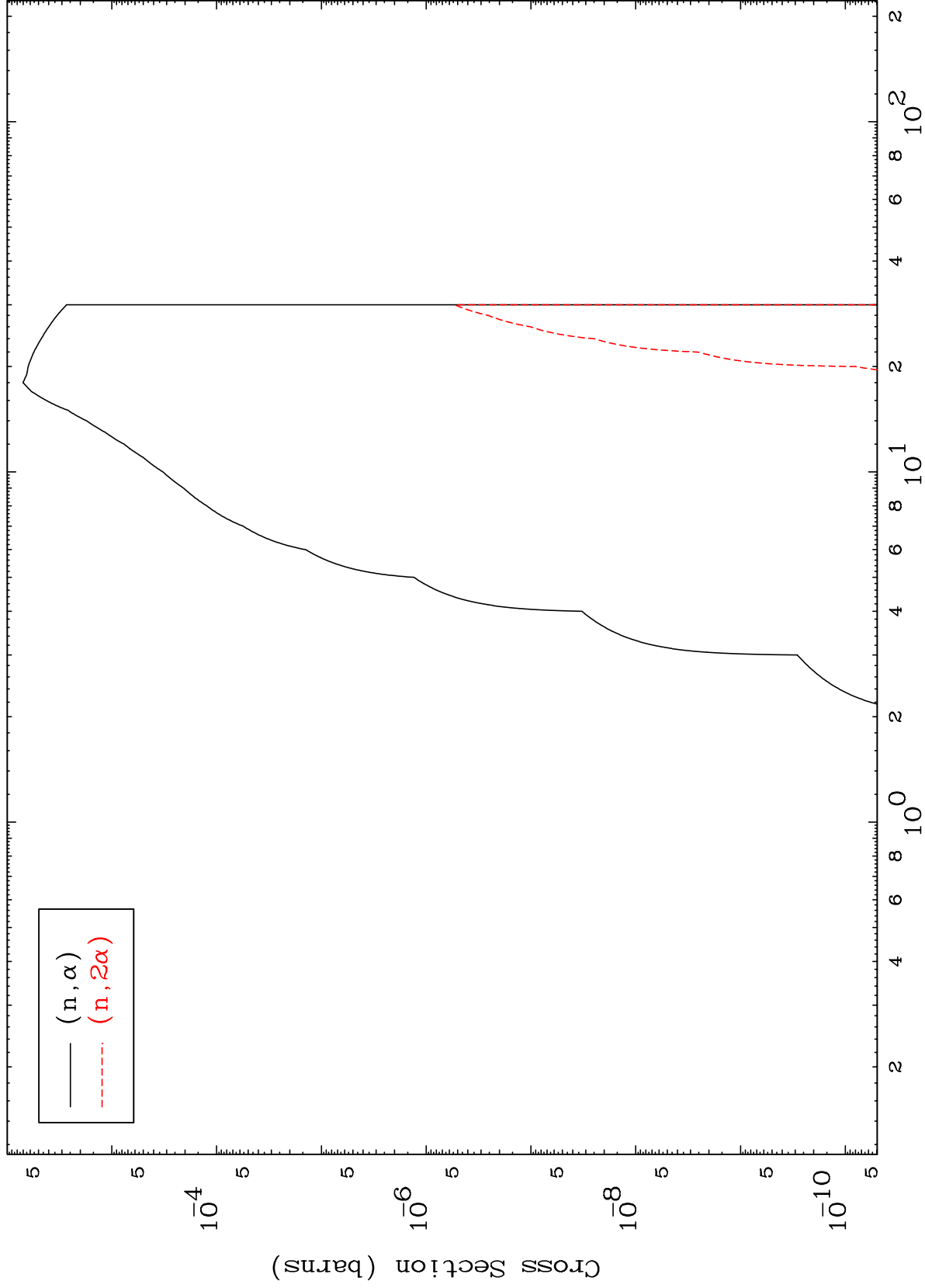
37-Rb-87

MAT 3731

(p, α) Levels

37-Rb-87

0 Kelvin Cross Sections



11

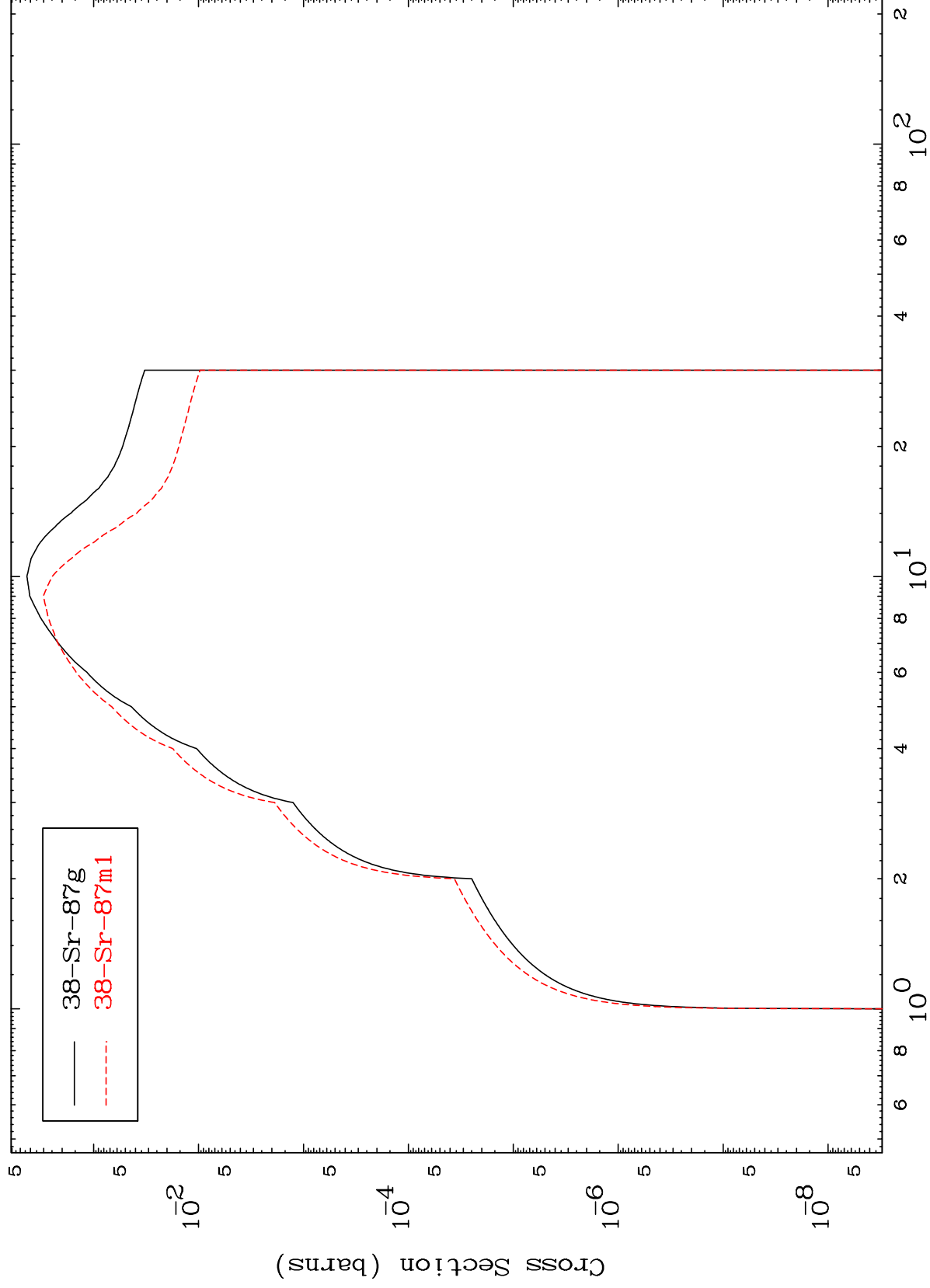
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

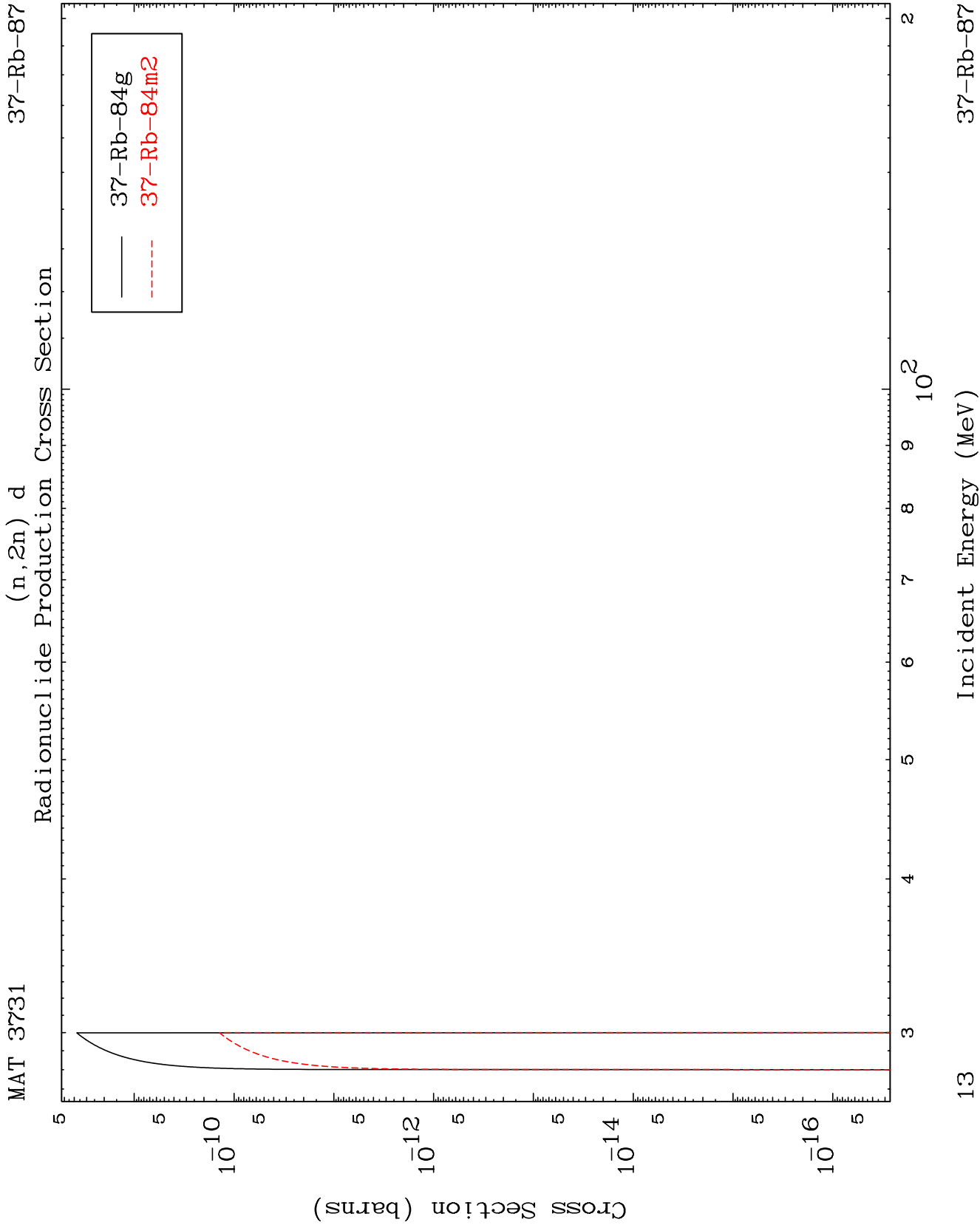
Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-87

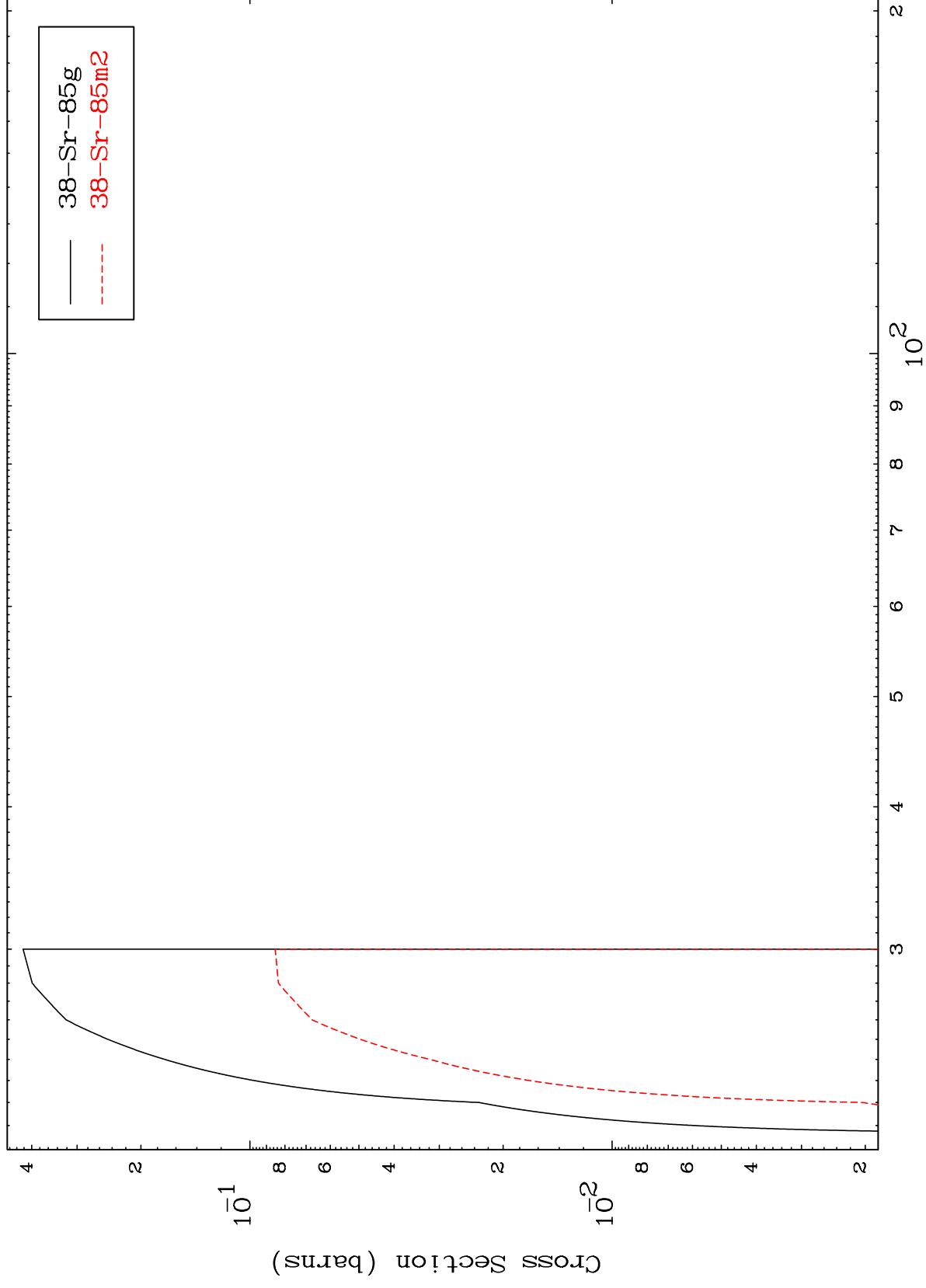
12



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37-Rb-87

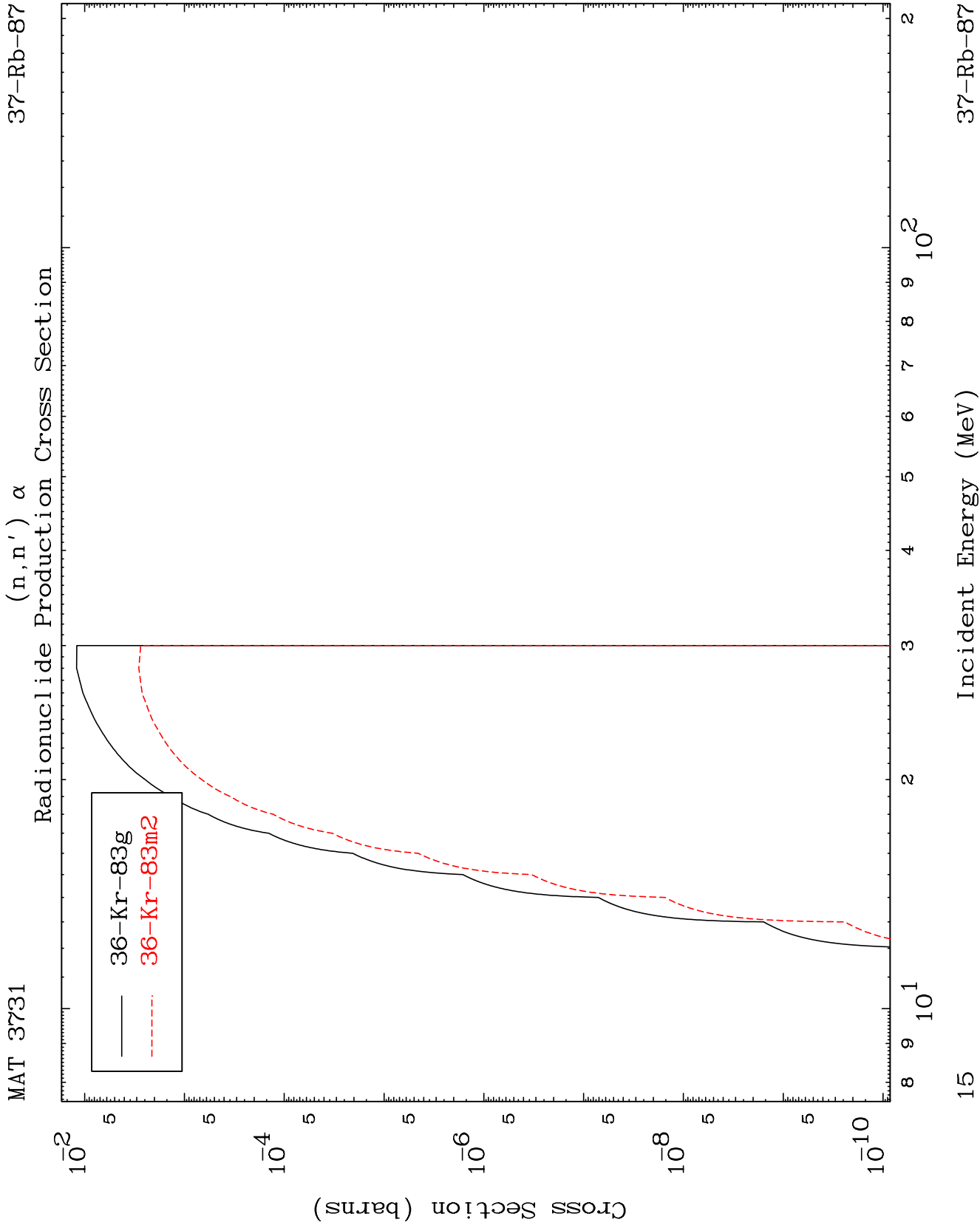
(n,3n)
Radionuclide Production Cross Section

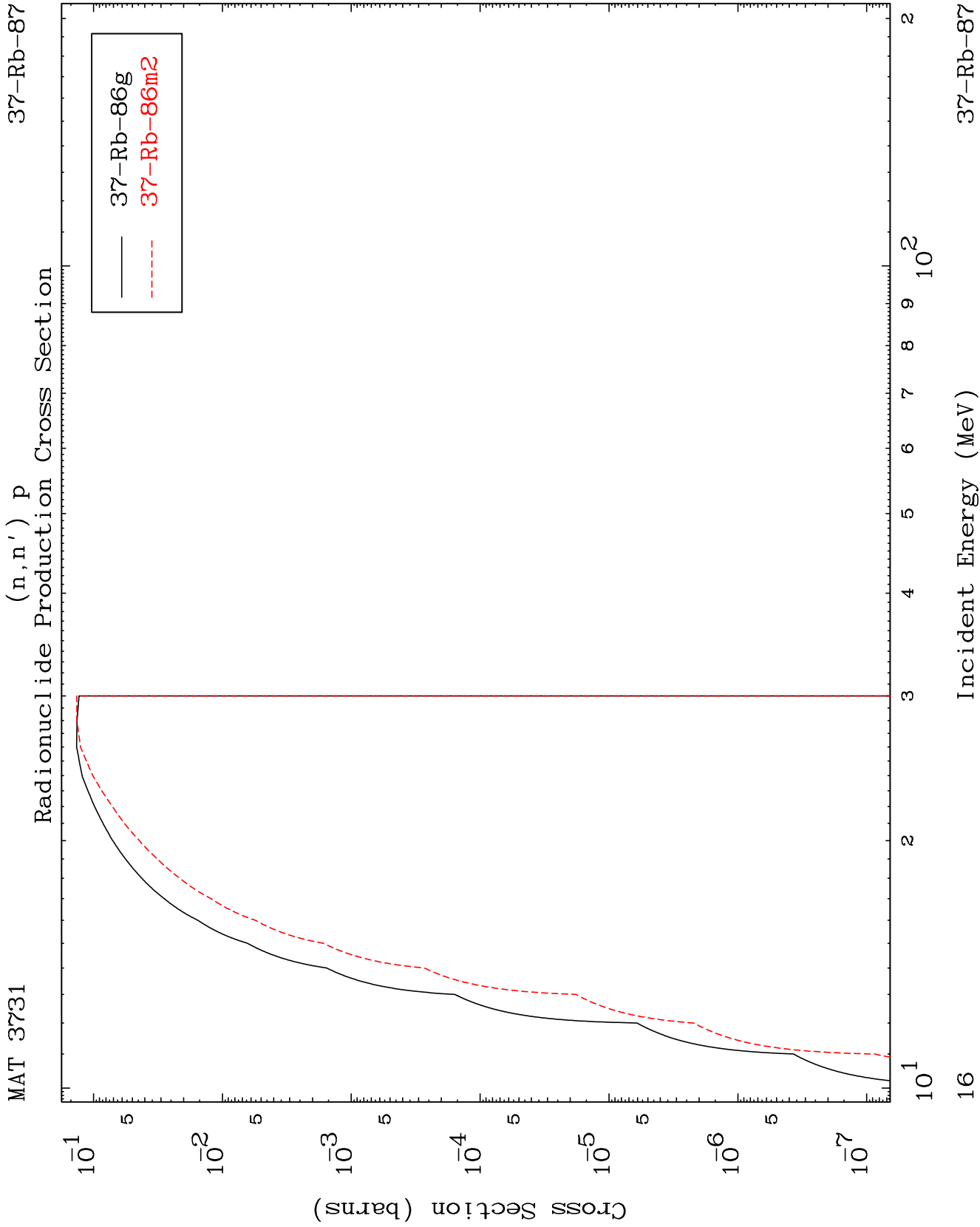


37-Rb-87

Incident Energy (MeV)

14



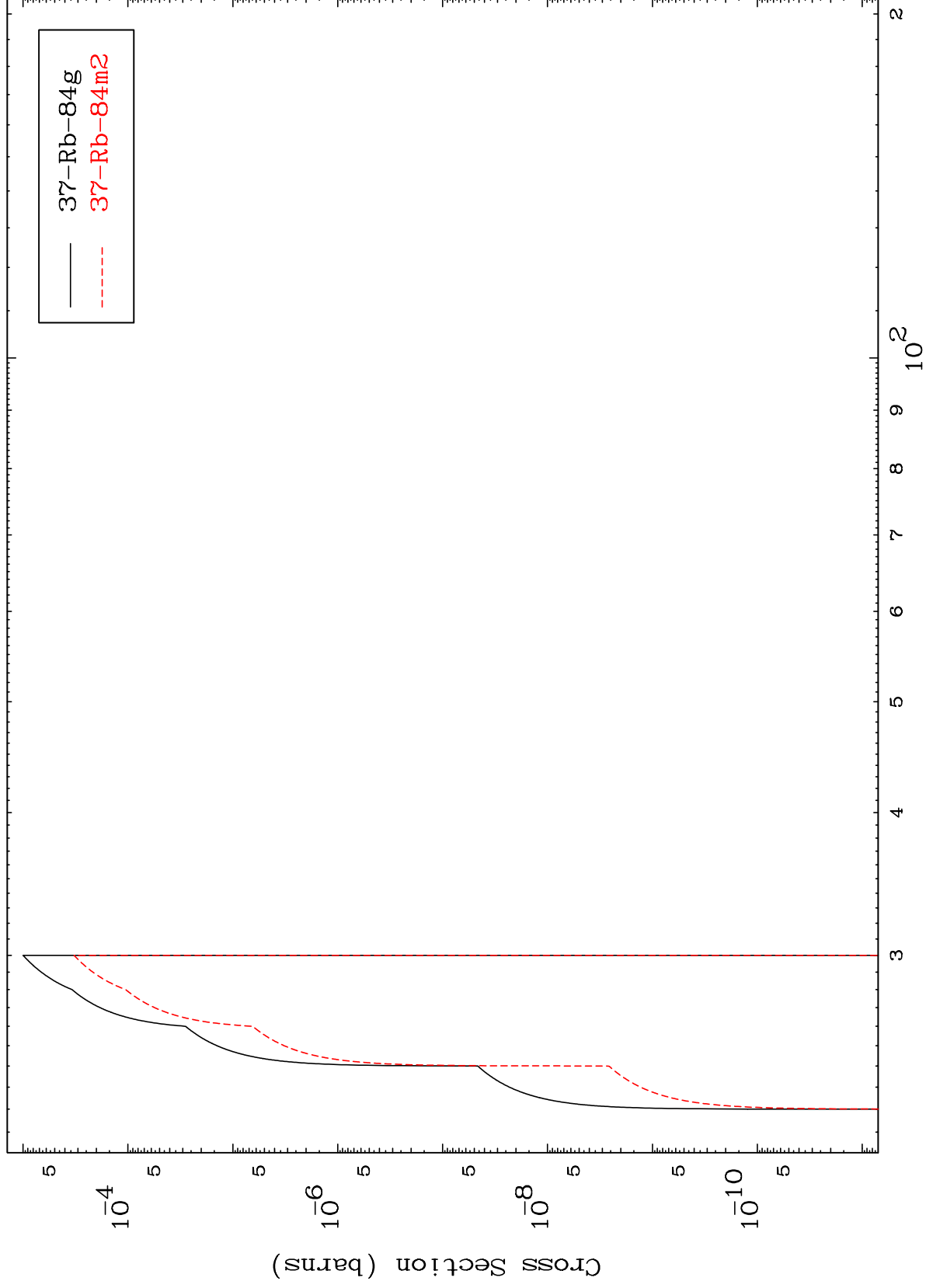


MAT 3731

(n,n') t

37-Rb-87

Radionuclide Production Cross Section

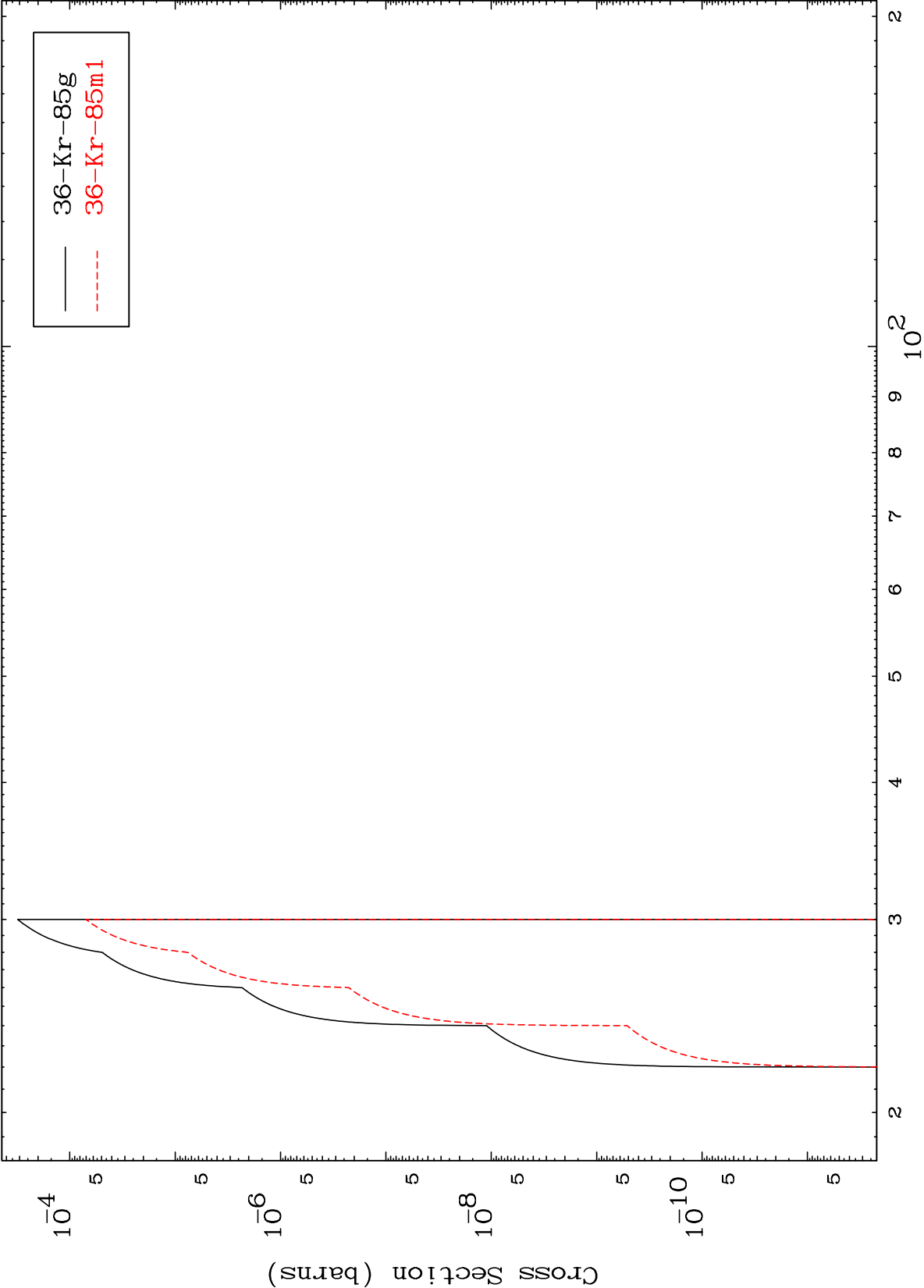


17

Incident Energy (MeV)

37-Rb-87

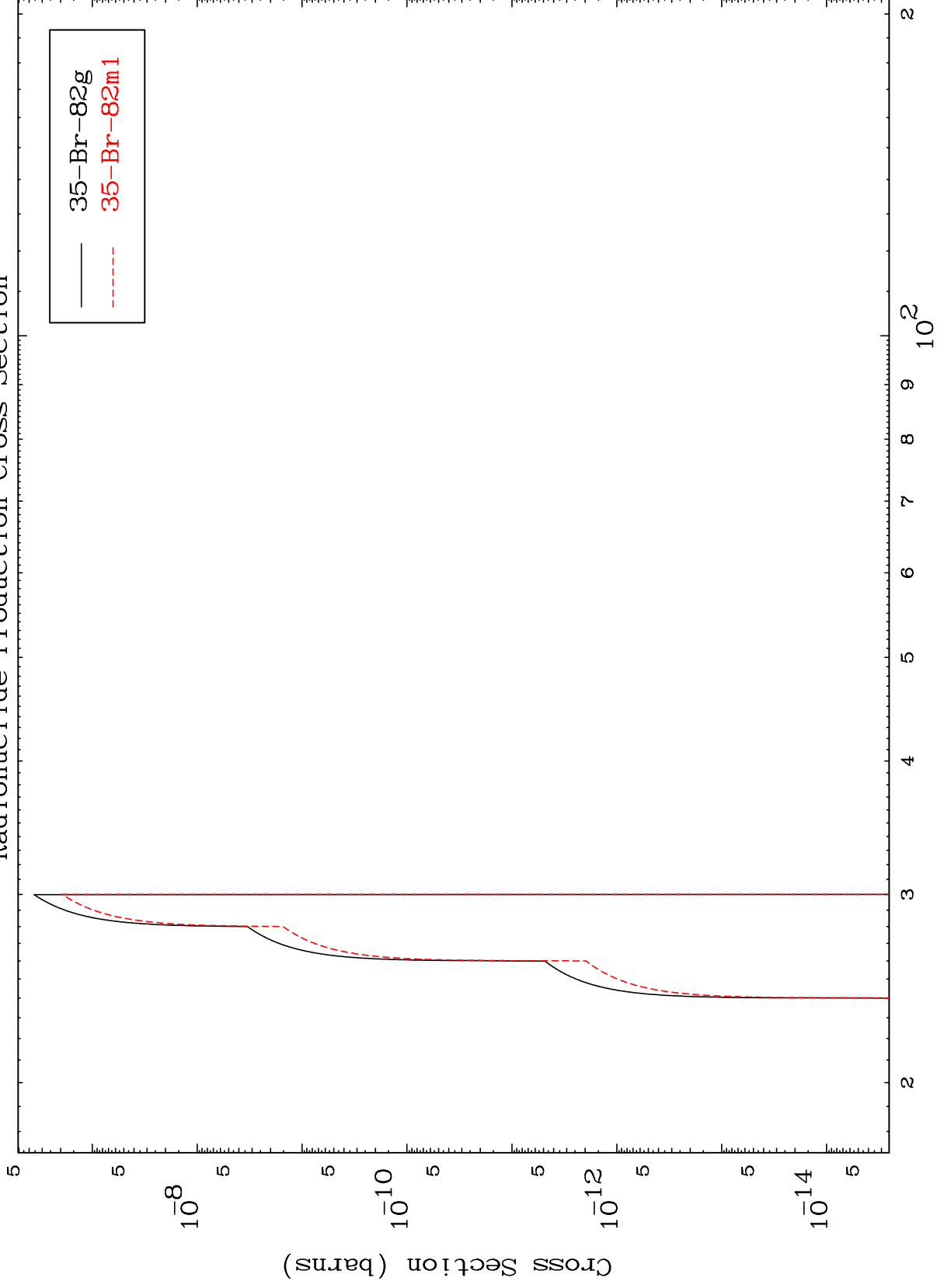
$(n,2n)$ p
Radionuclide Production Cross Section



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37-Rb-87

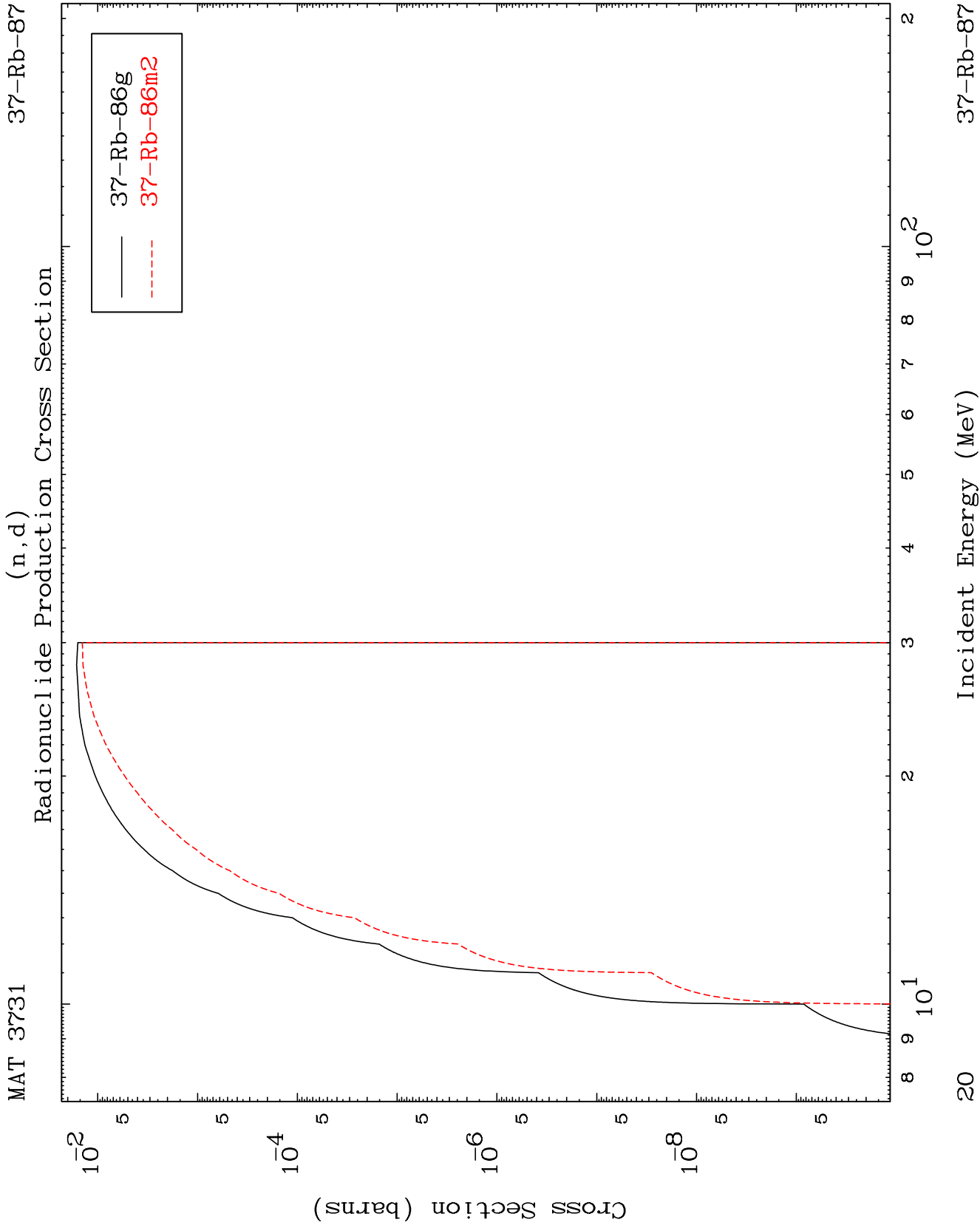
$(n,n')\ p\ \alpha$
Radionuclide Production Cross Section



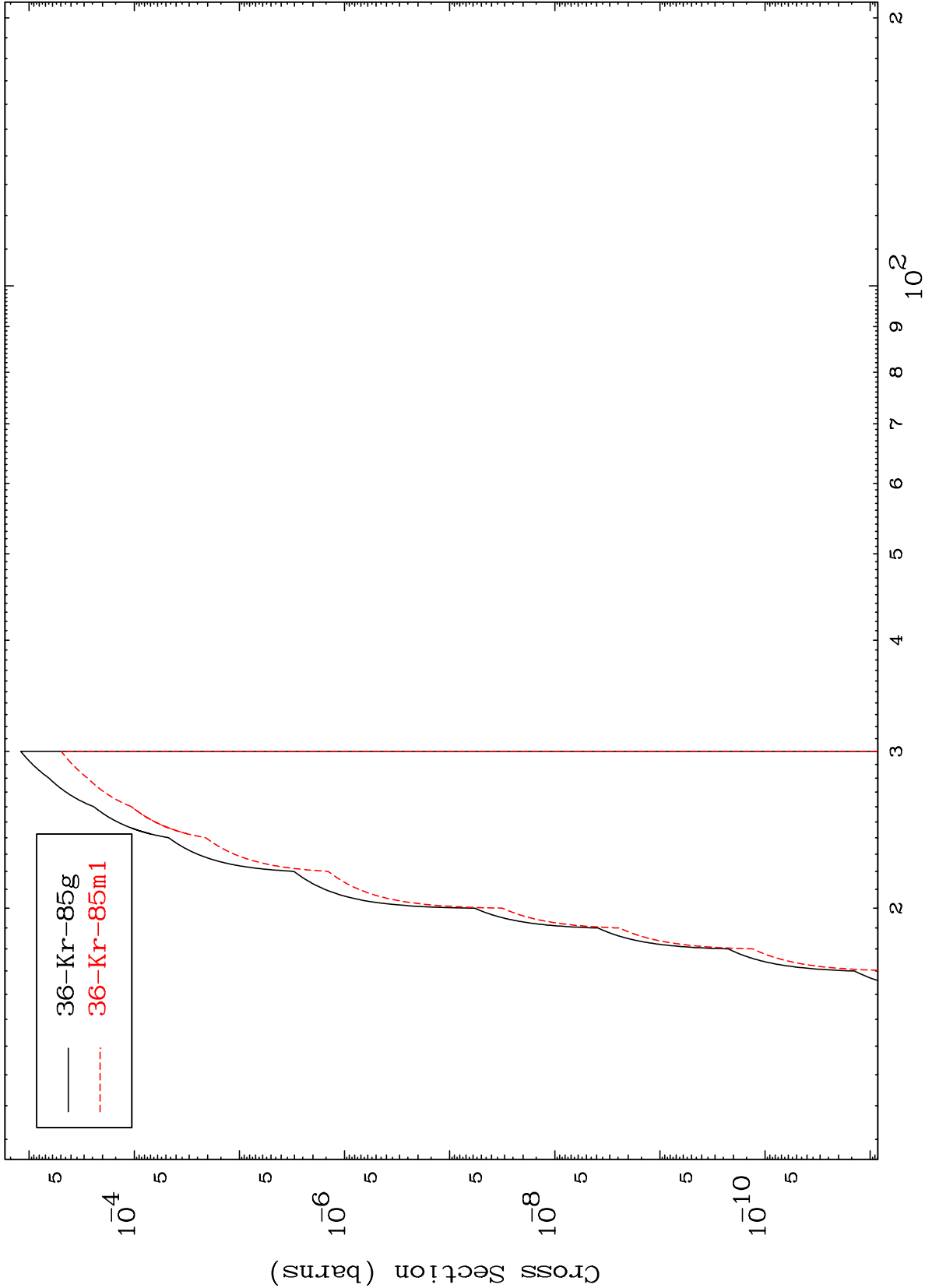
19

Incident Energy (MeV)

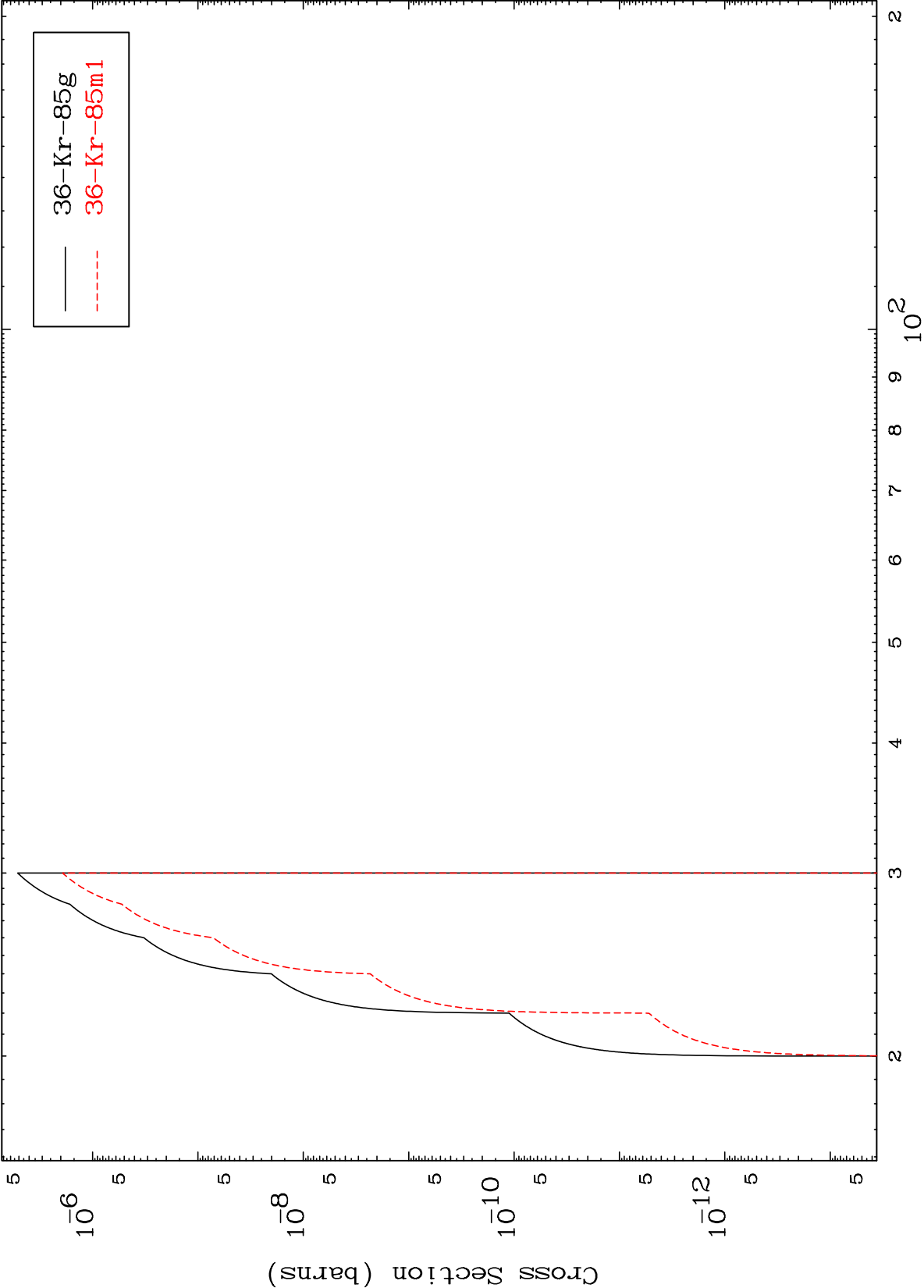
37-Rb-87



Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,d) α

