

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

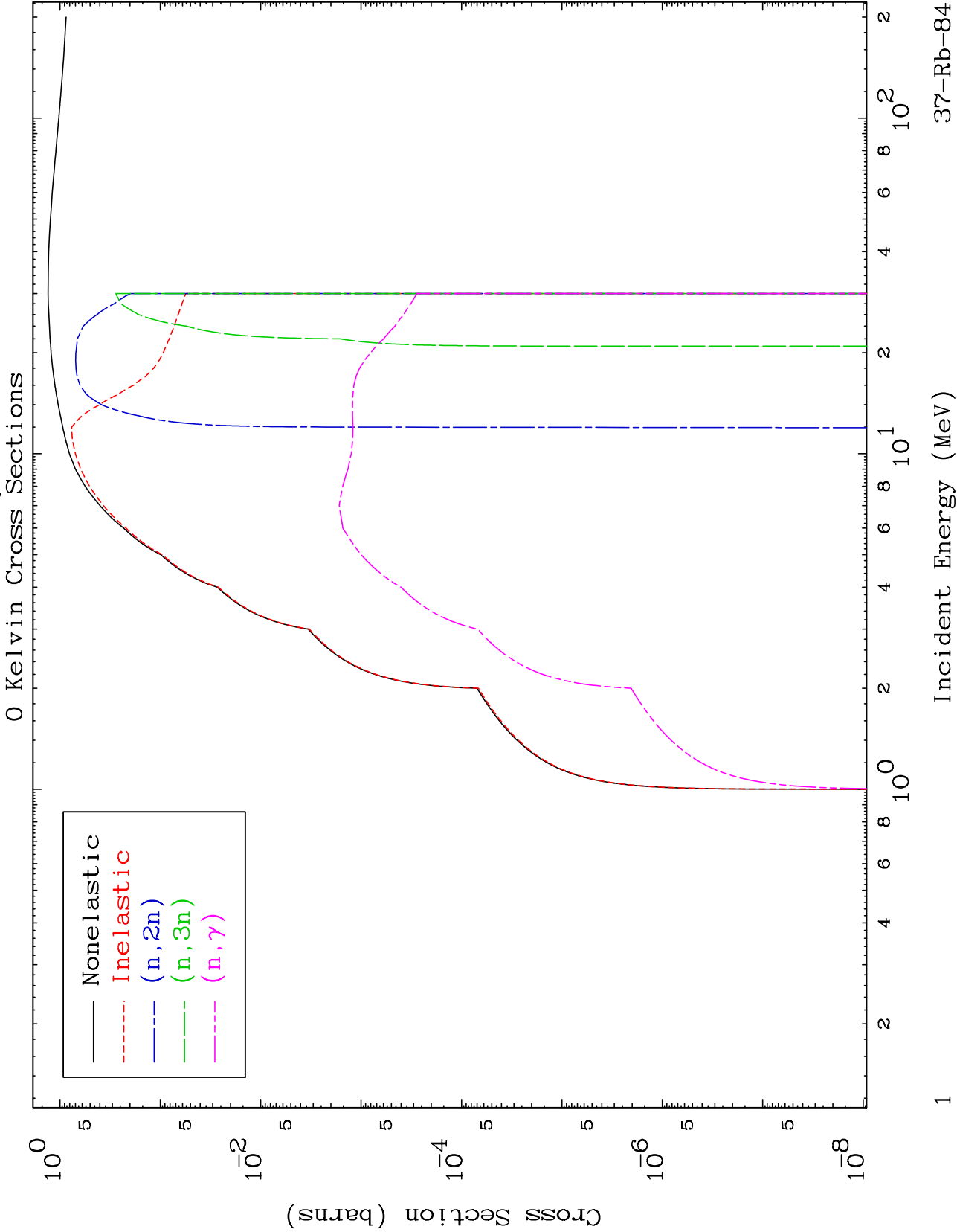
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Tele: 925-443-1911

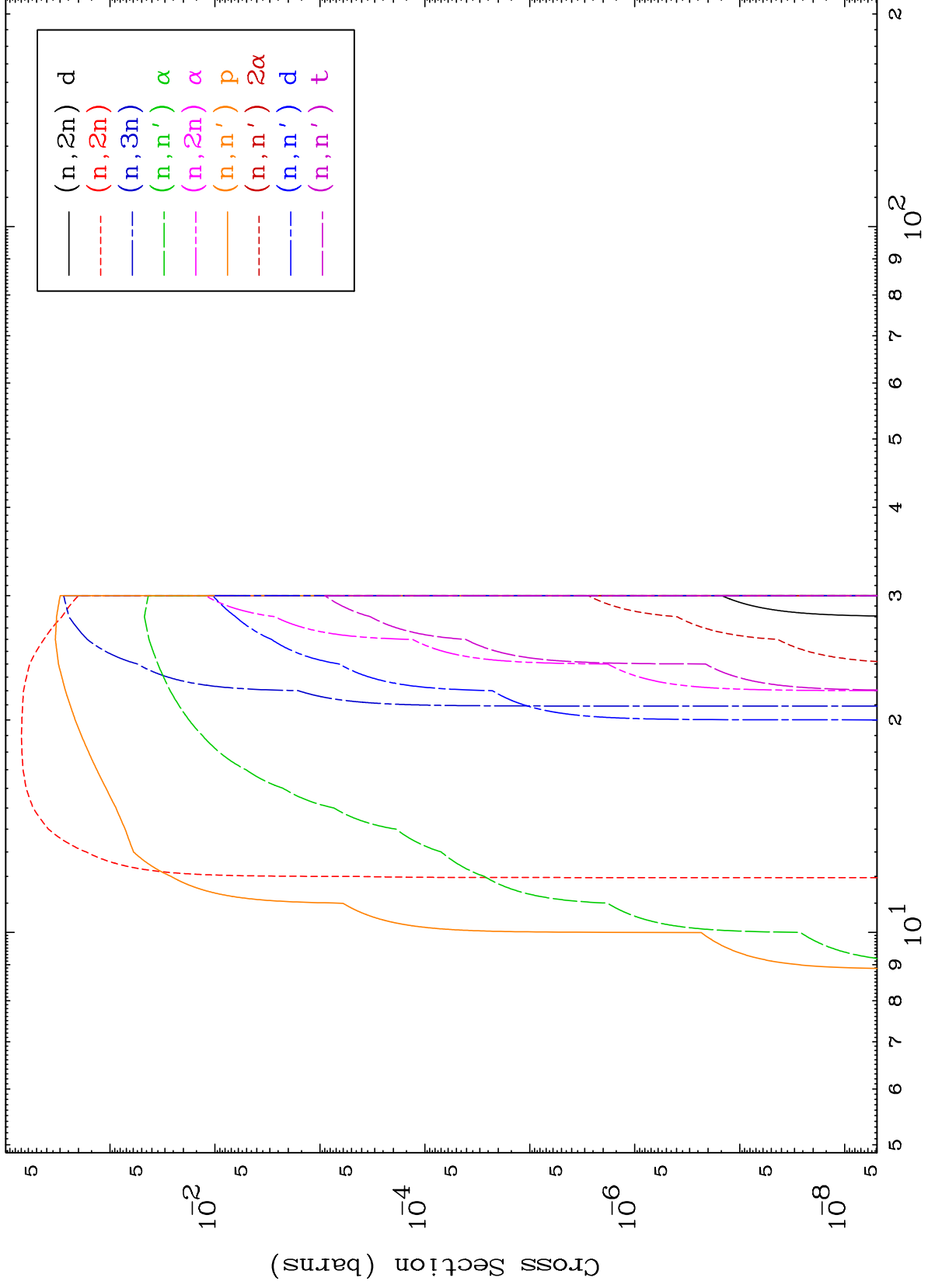
E.Mail:redcullen1@comcast.net

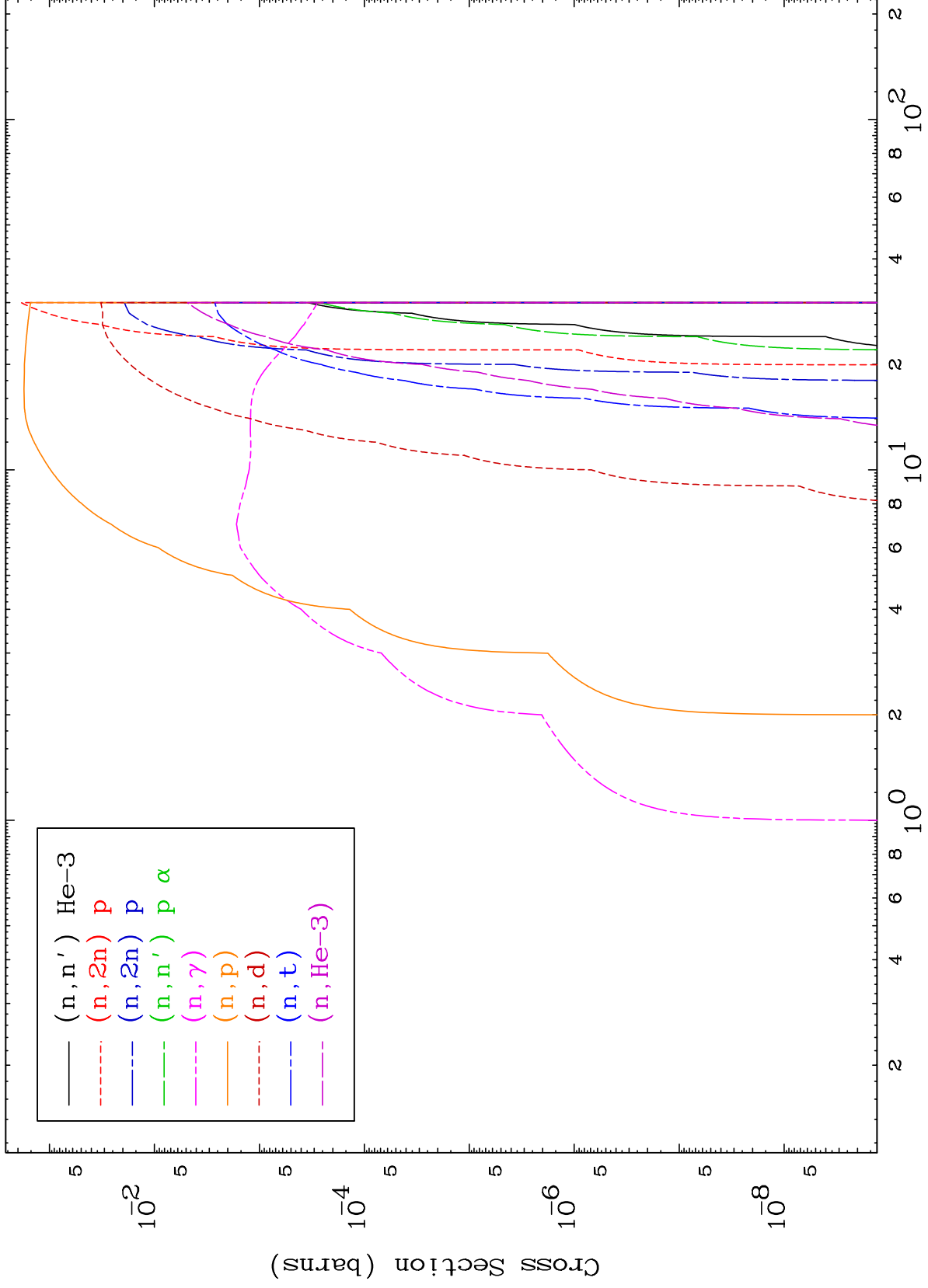
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



Proton Neutron Absorption
0 Kelvin Cross Sections

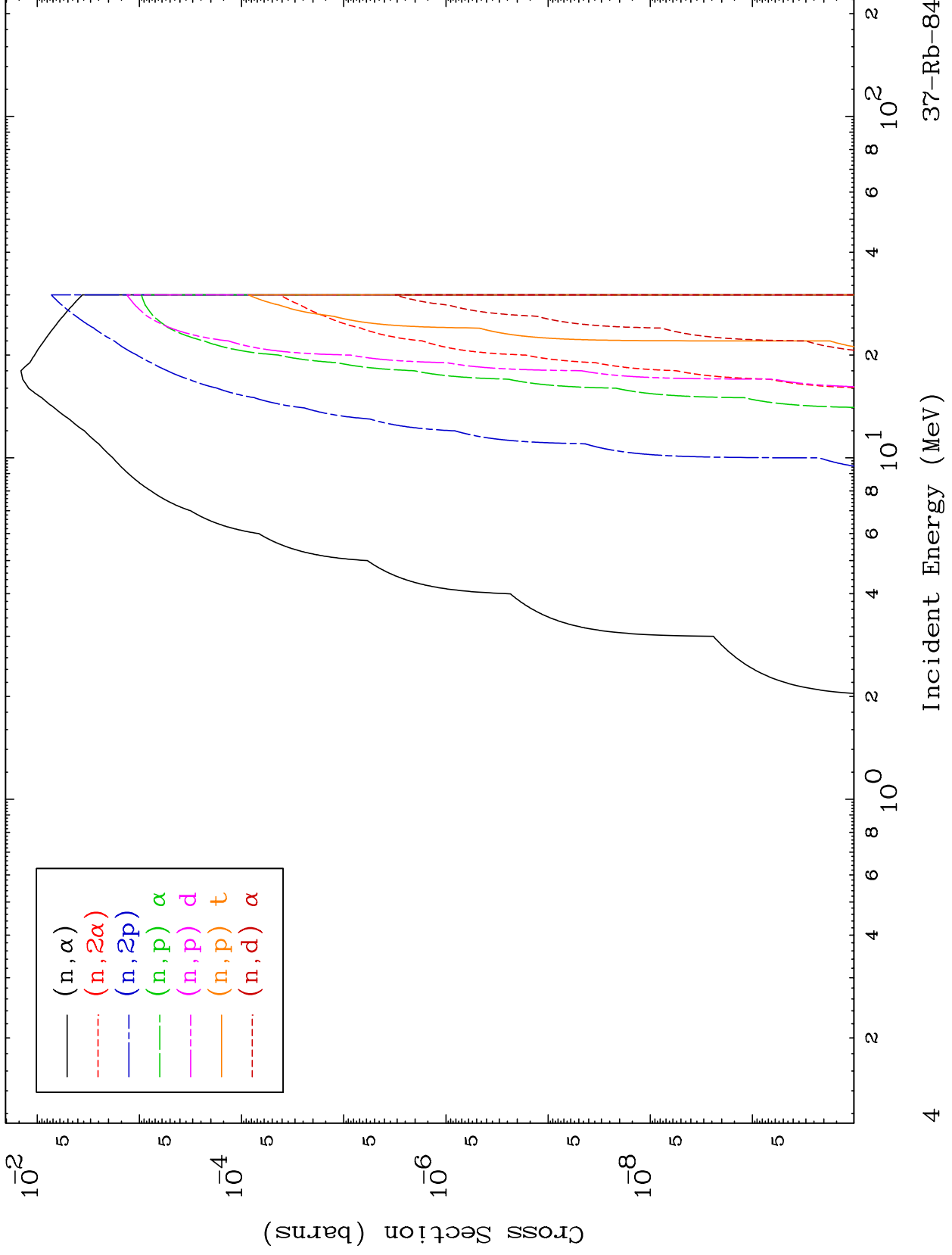


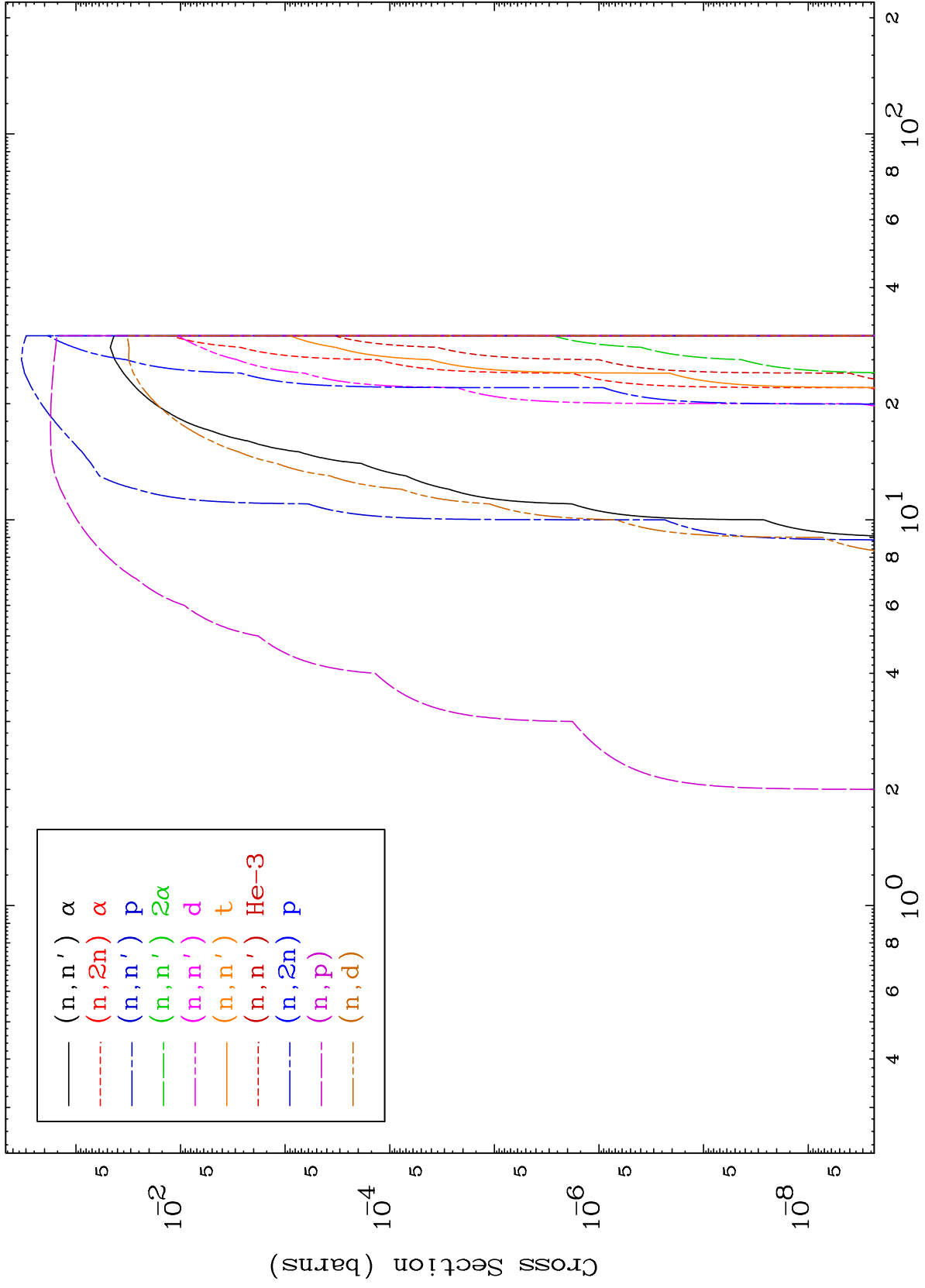


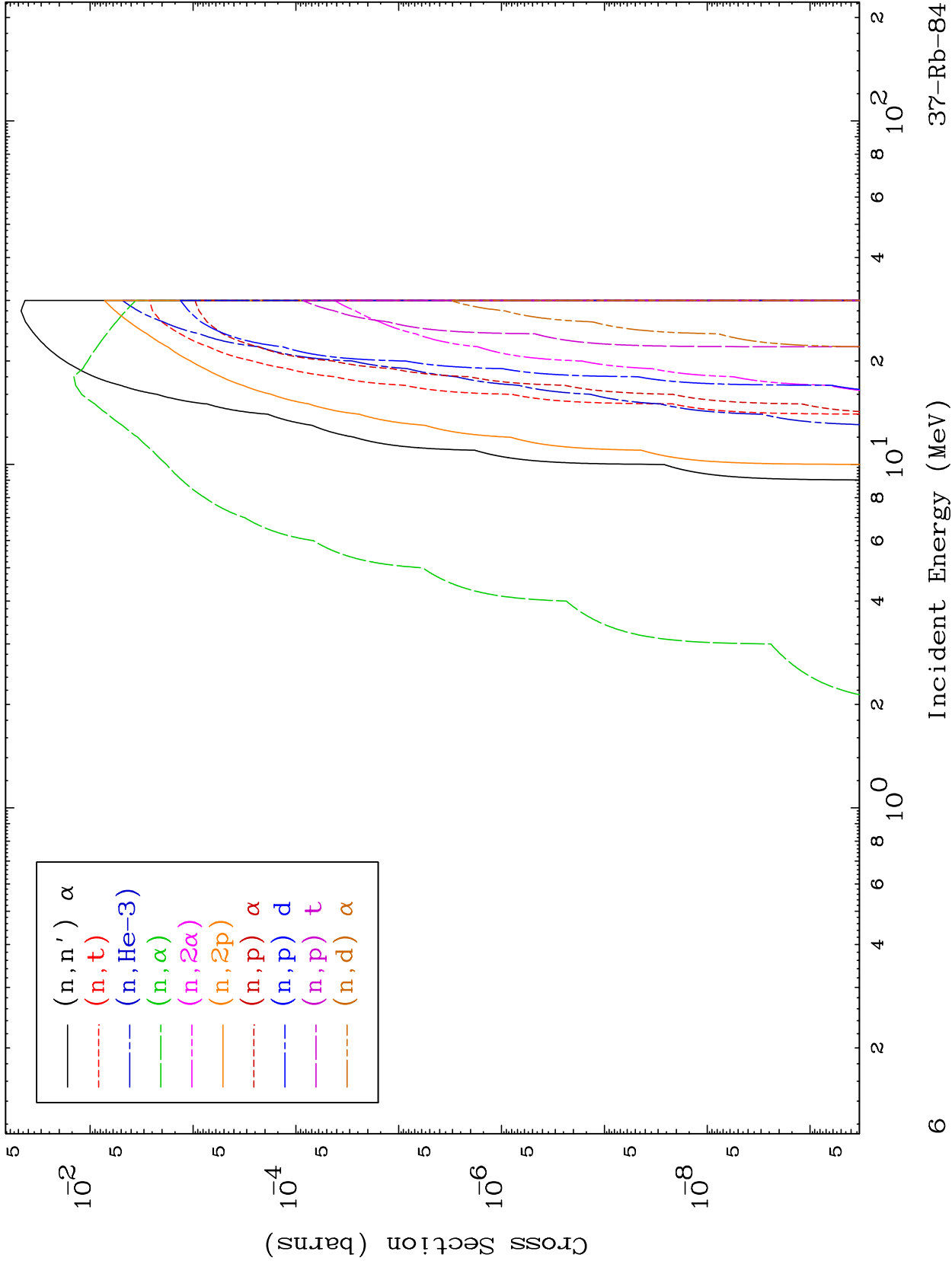
MAT 3722

Proton Neutron Absorption
0 Kelvin Cross Sections

³⁷Rb-84



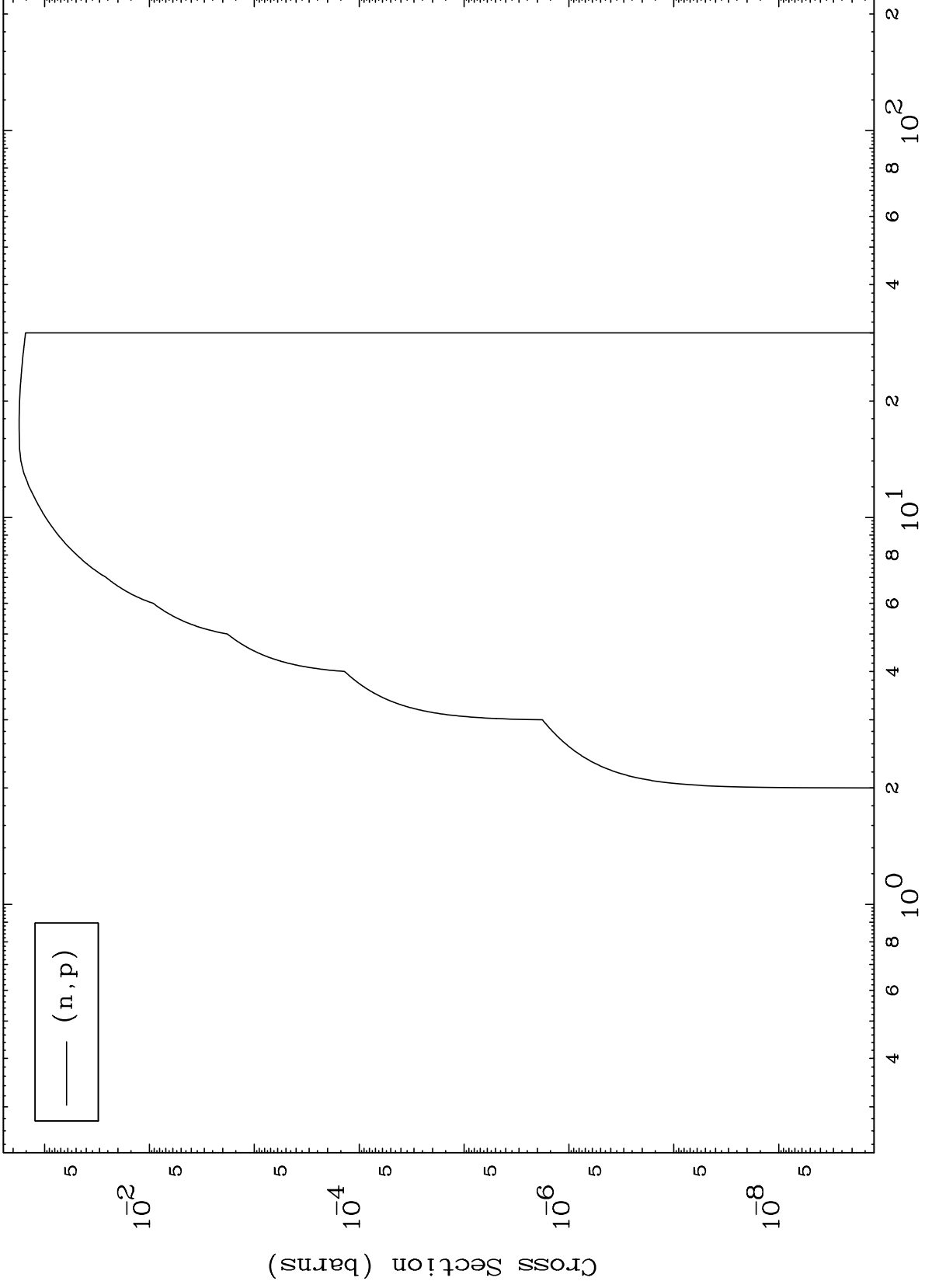




MAT 3722

37-Rb-84

(p,p) Levels
0 Kelvin Cross Sections



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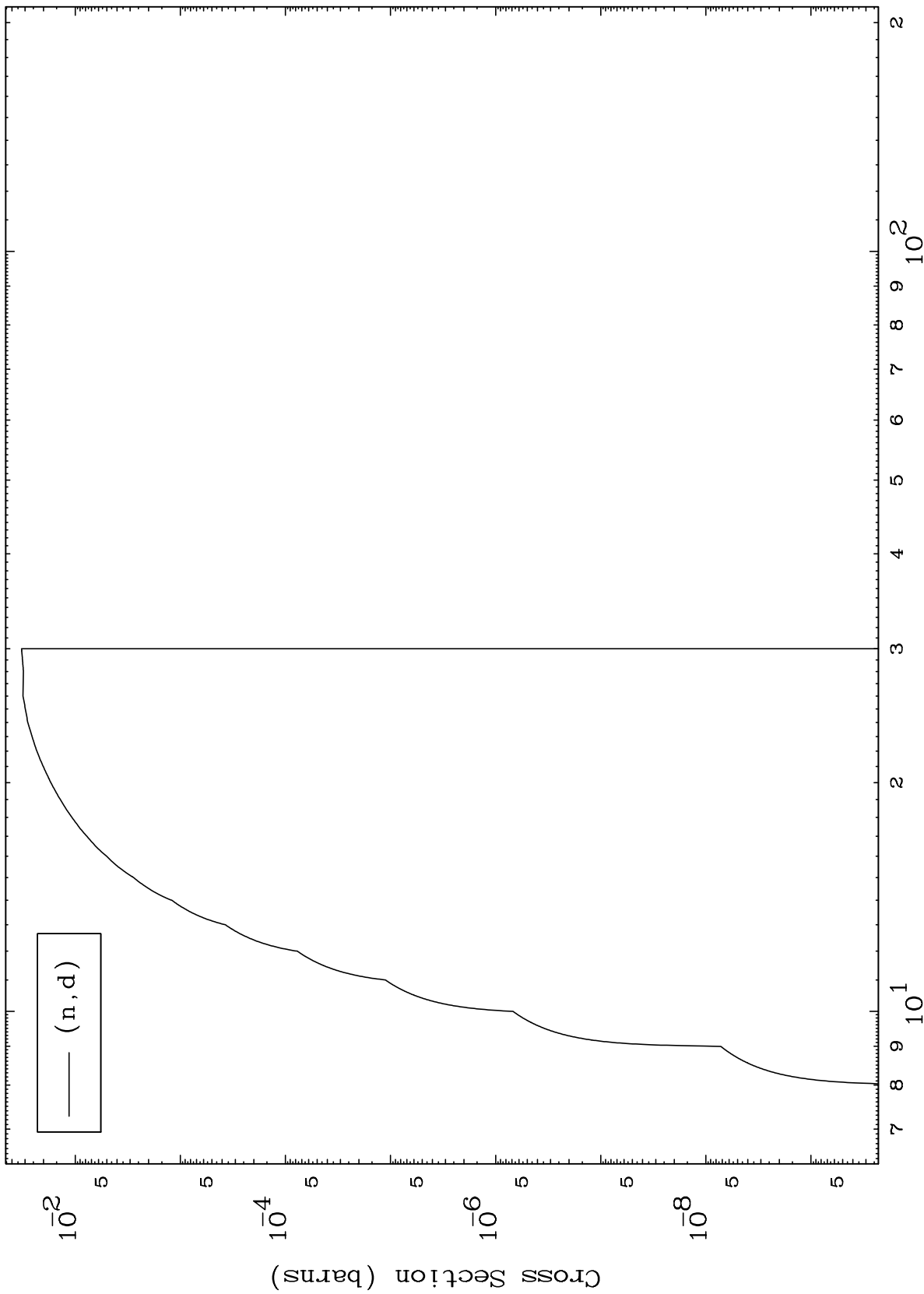
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

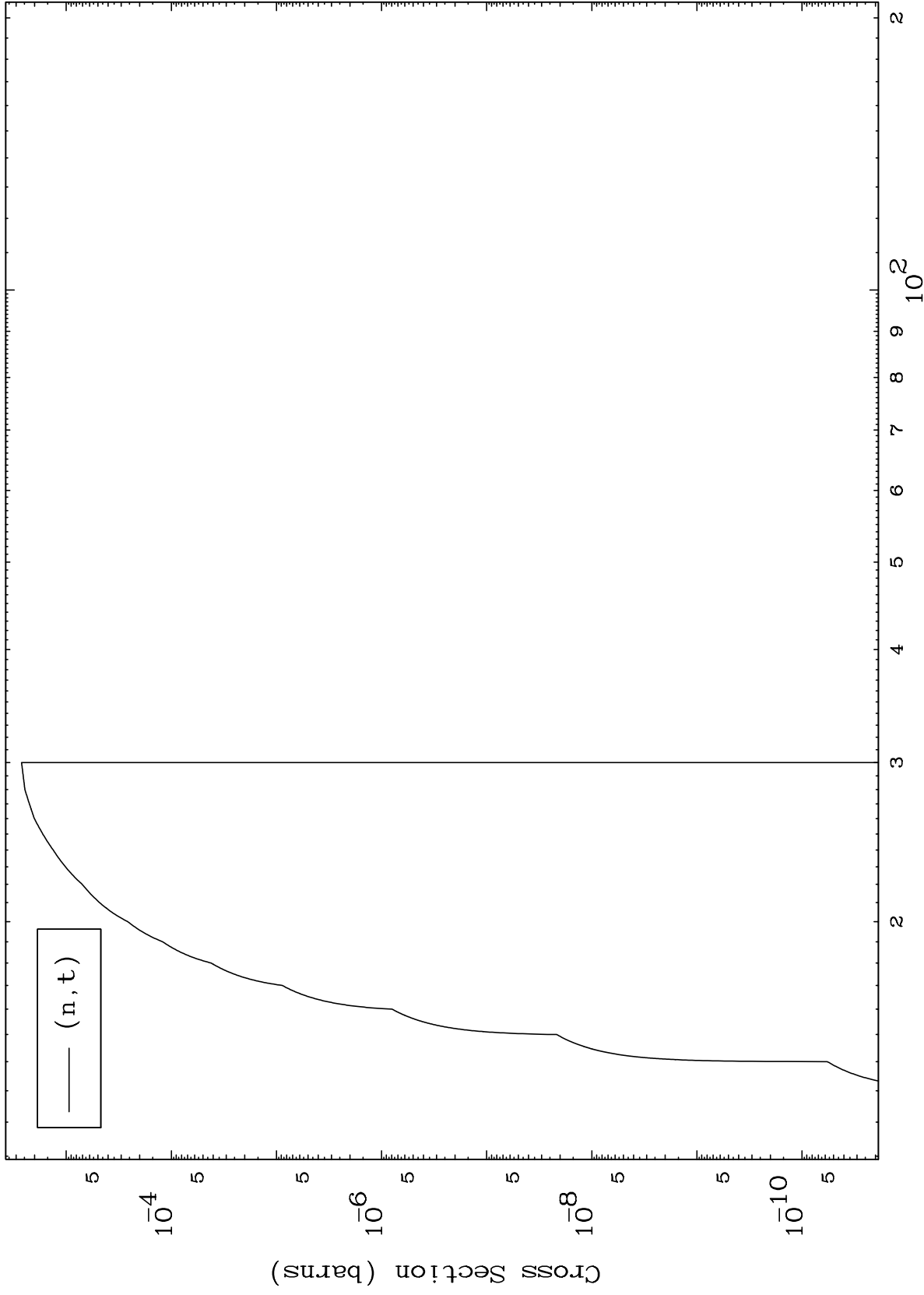
(p,d) Levels
0 Kelvin Cross Sections



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Incident Energy (MeV)

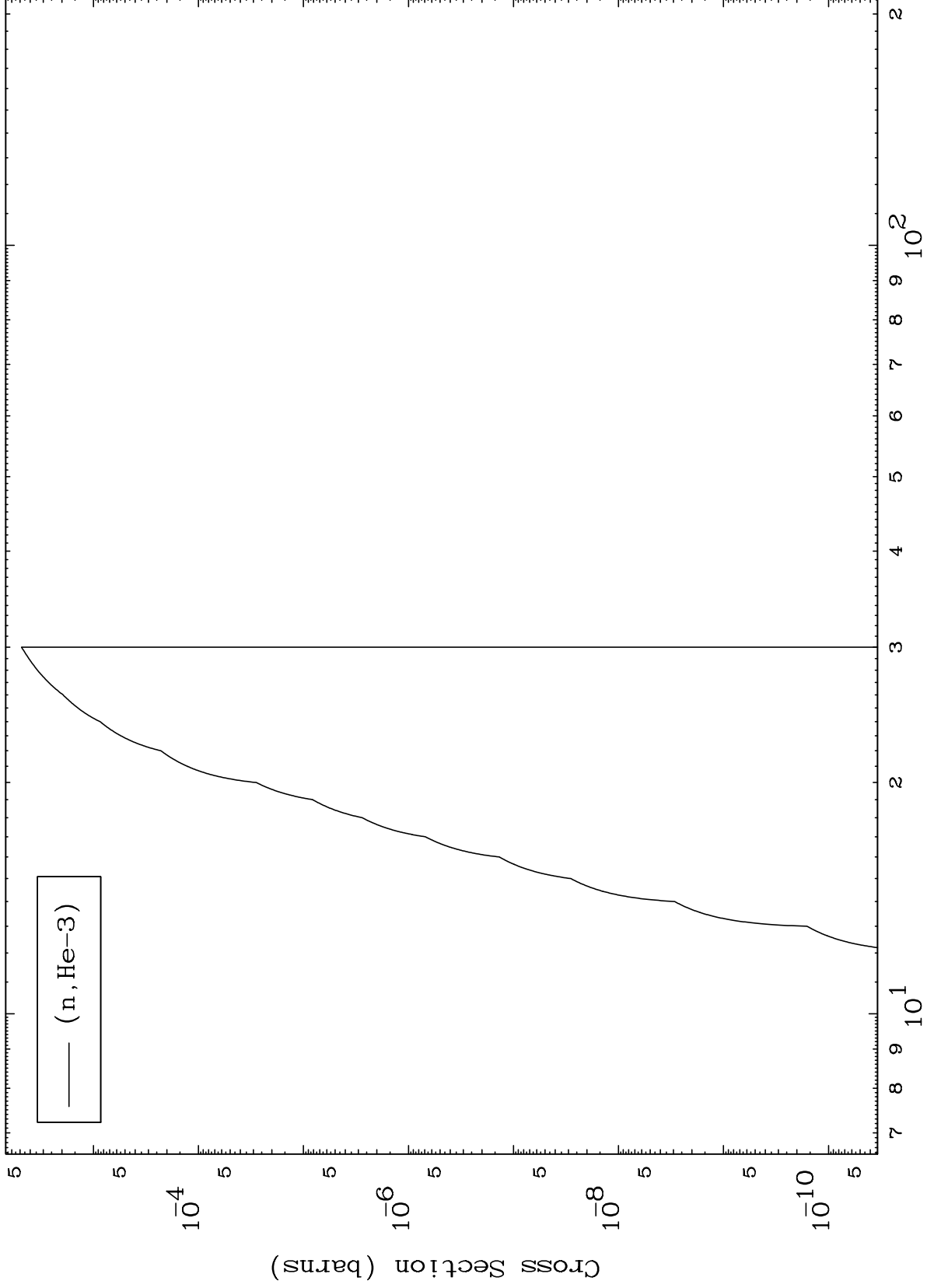
37-Rb-84



MAT 3722

(p,He3) Levels
0 Kelvin Cross Sections

37-Rb-84



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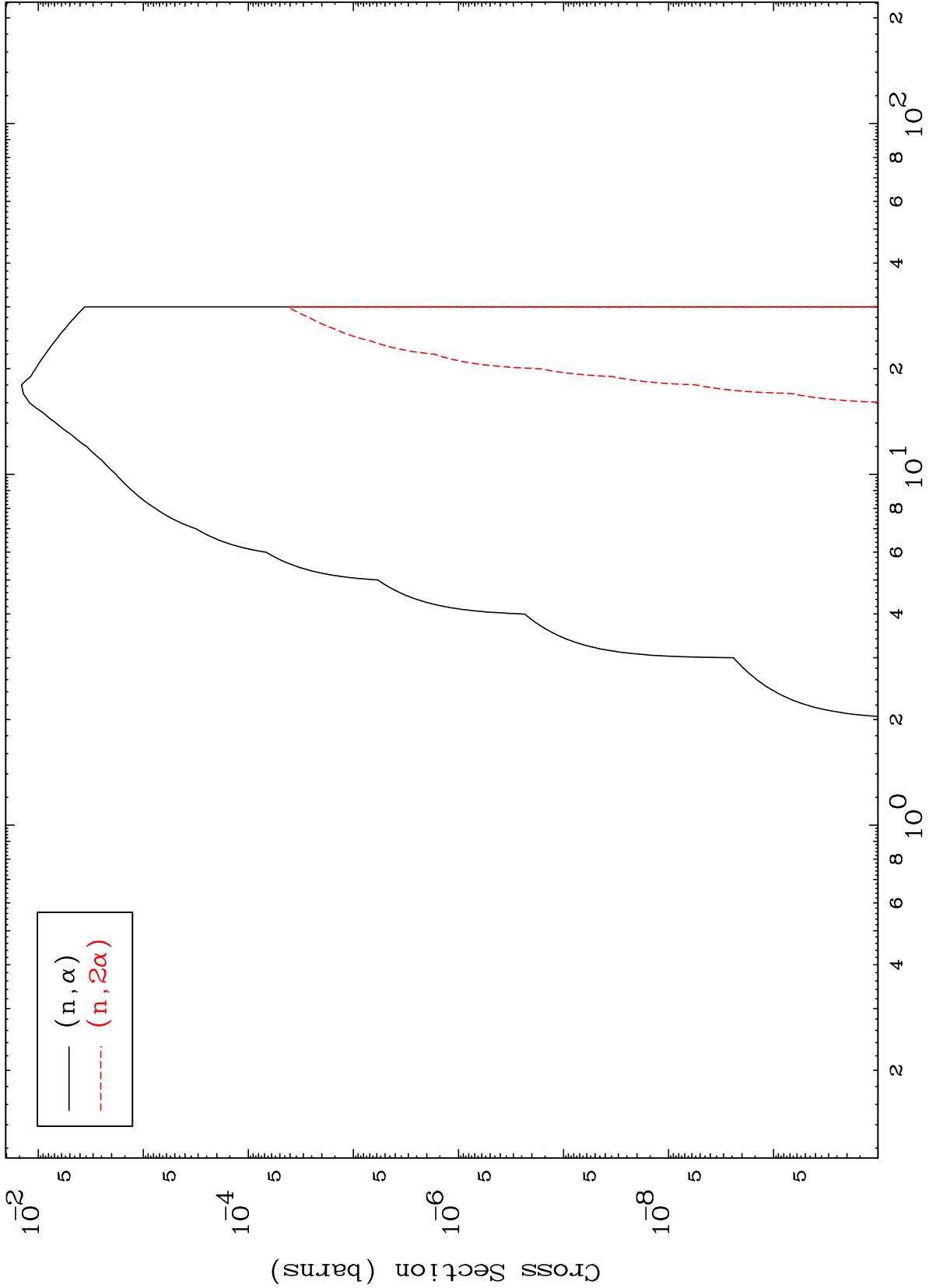
Incident Energy (MeV)

37-Rb-84

MAT 3722

(p, α) Levels
0 Kelvin Cross Sections

³⁷Rb-84



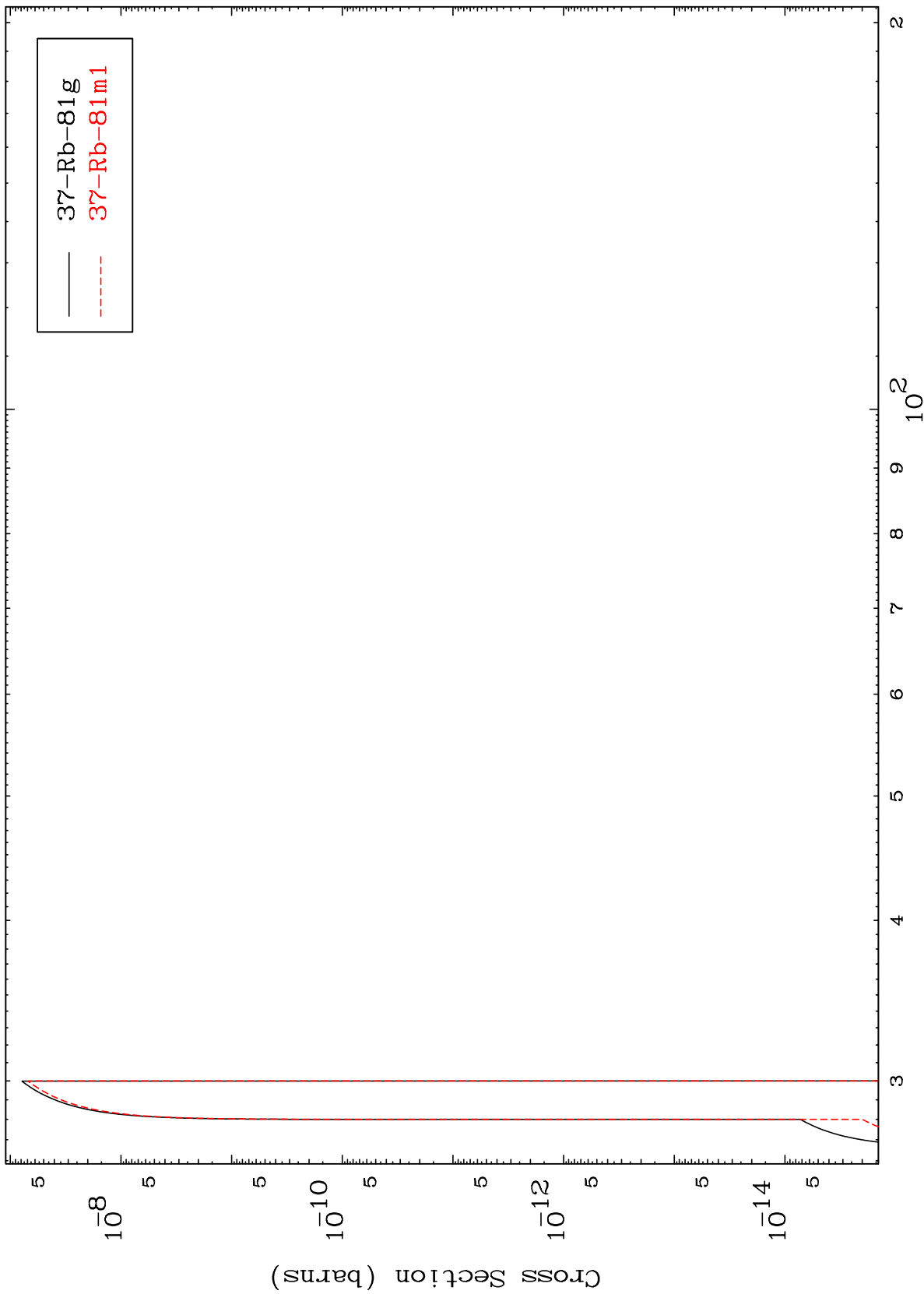
³⁷Rb-84

MAT 3722

(n,2n) d

37-Rb-84

Radionuclide Production Cross Section



12

Incident Energy (MeV)

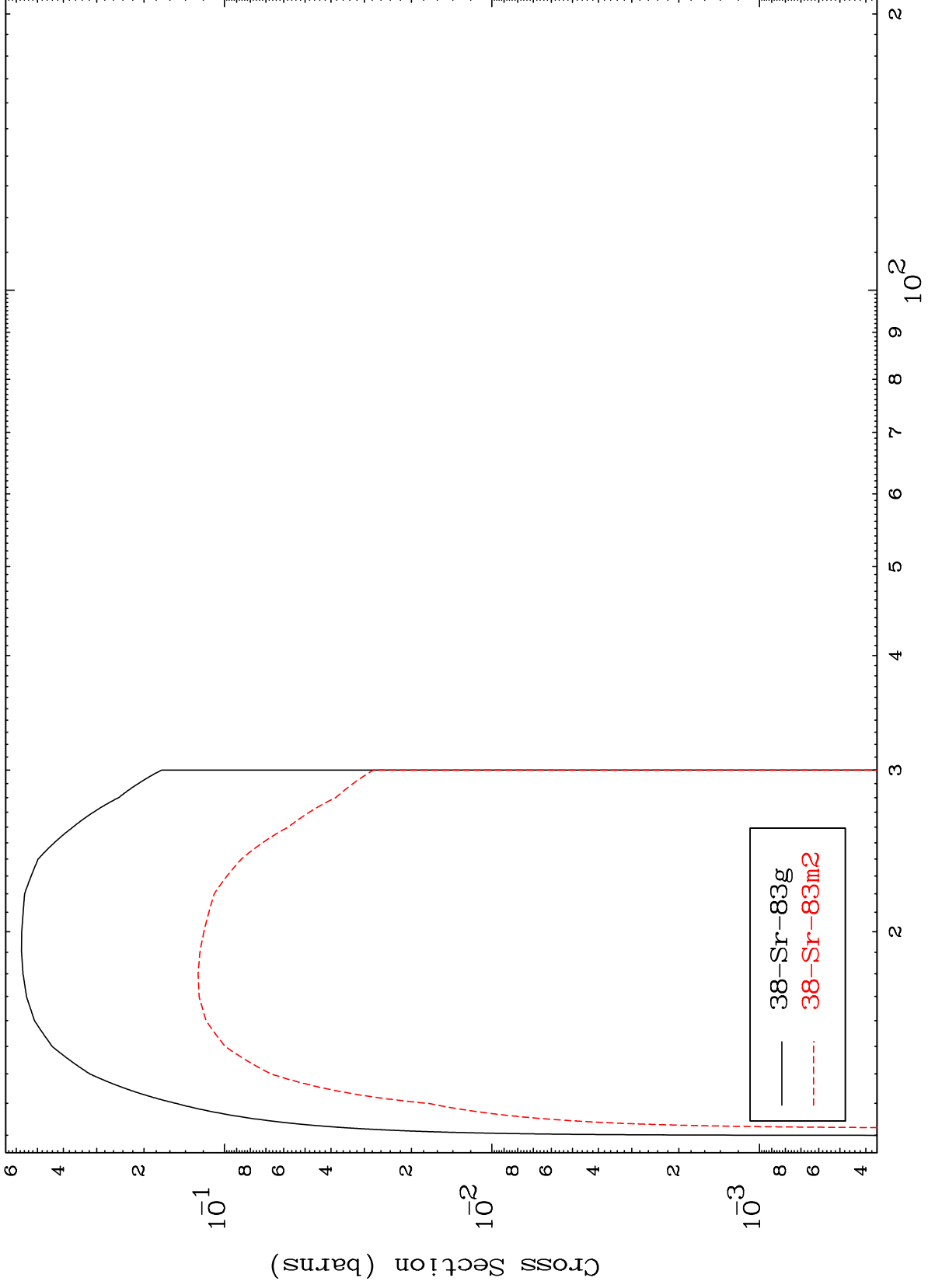
37-Rb-84

MAT 3722

37-Rb-84

Radionuclide Production Cross Section

(n,2n)



13

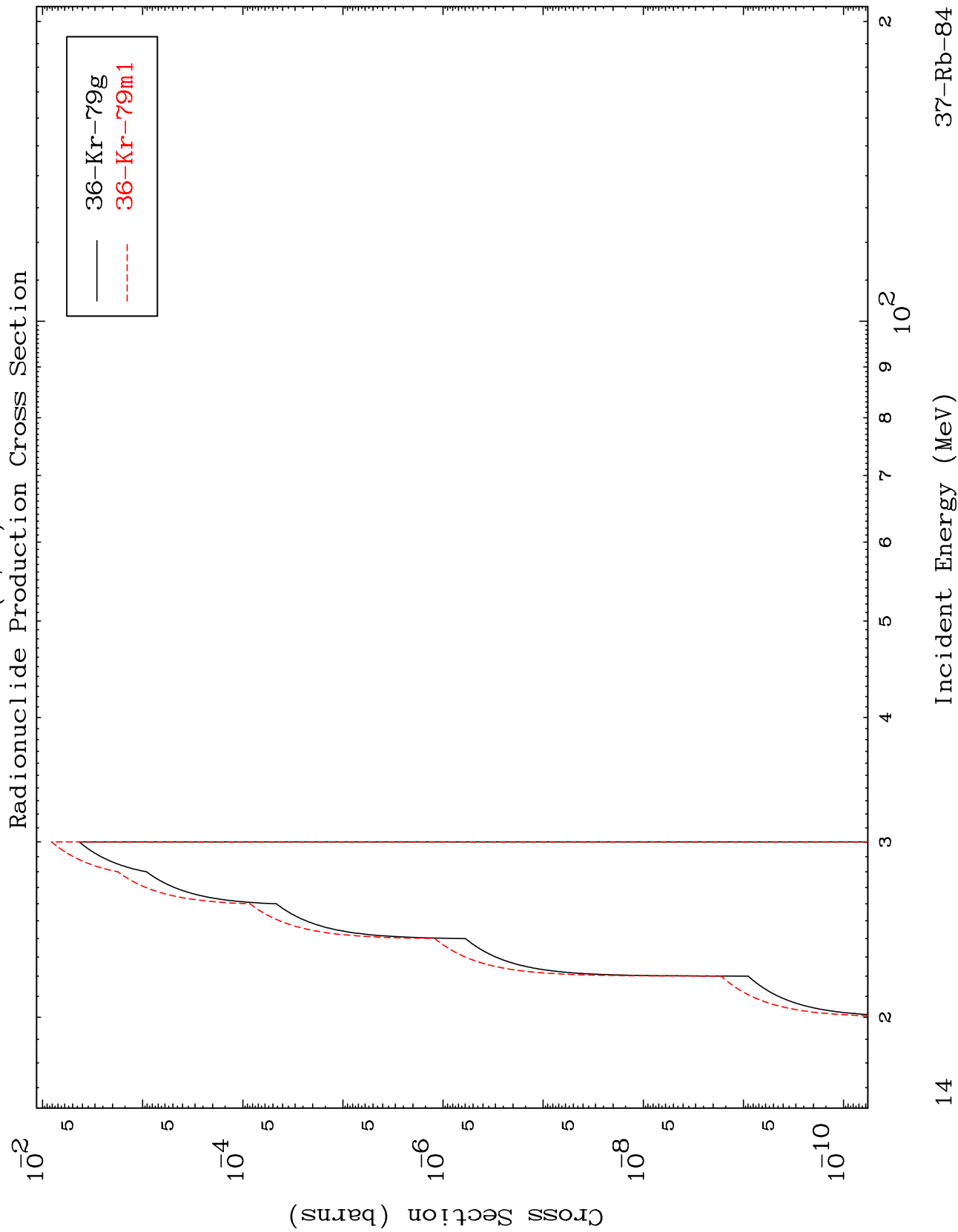
Incident Energy (MeV)

37-Rb-84

MAT 3722

$(n,2n) \alpha$

37-Rb-84



14

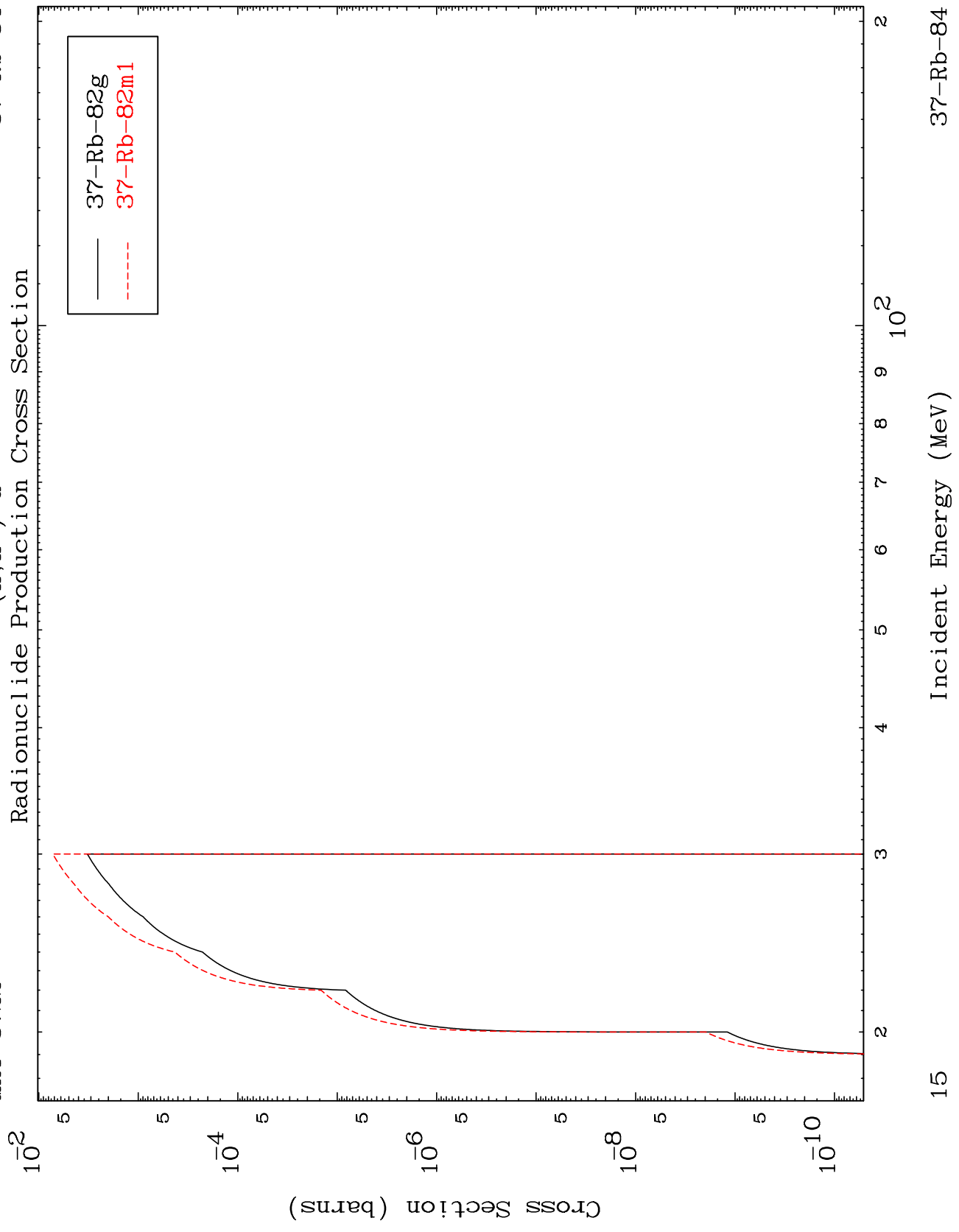
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,n') d

37-Rb-84



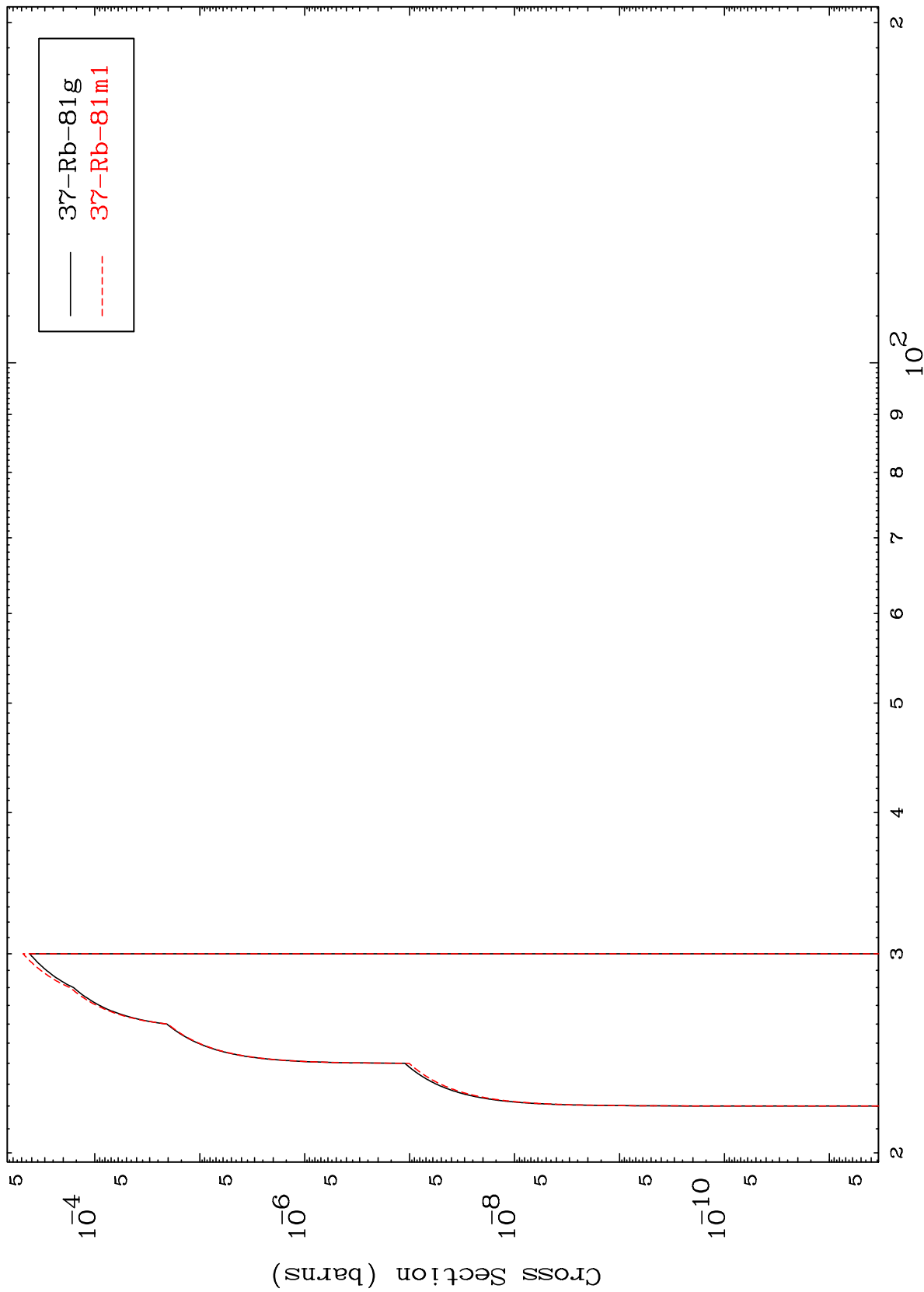
15

MAT 3722

(n,n') t

37-Rb-84

Radionuclide Production Cross Section

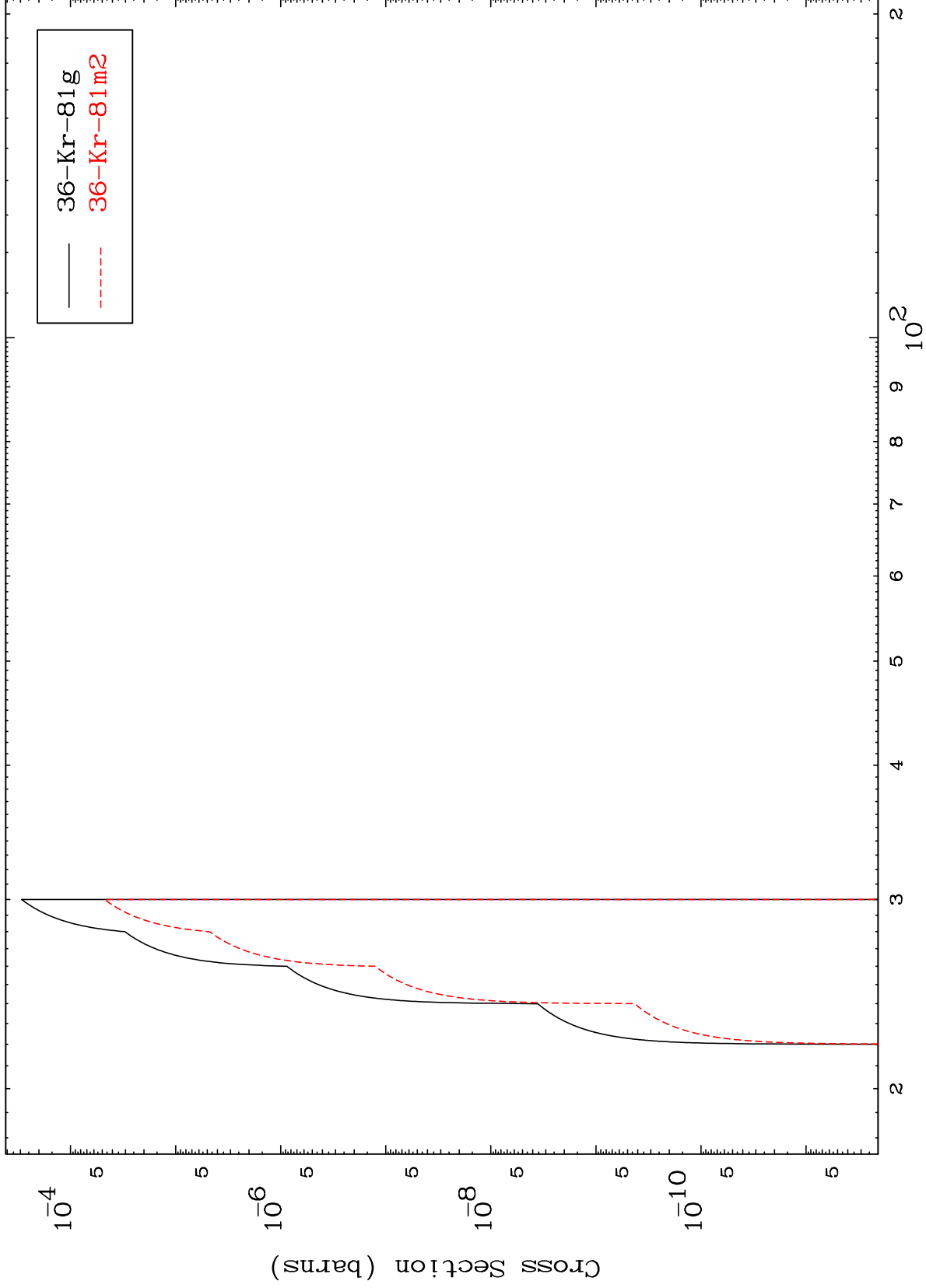


16

Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section



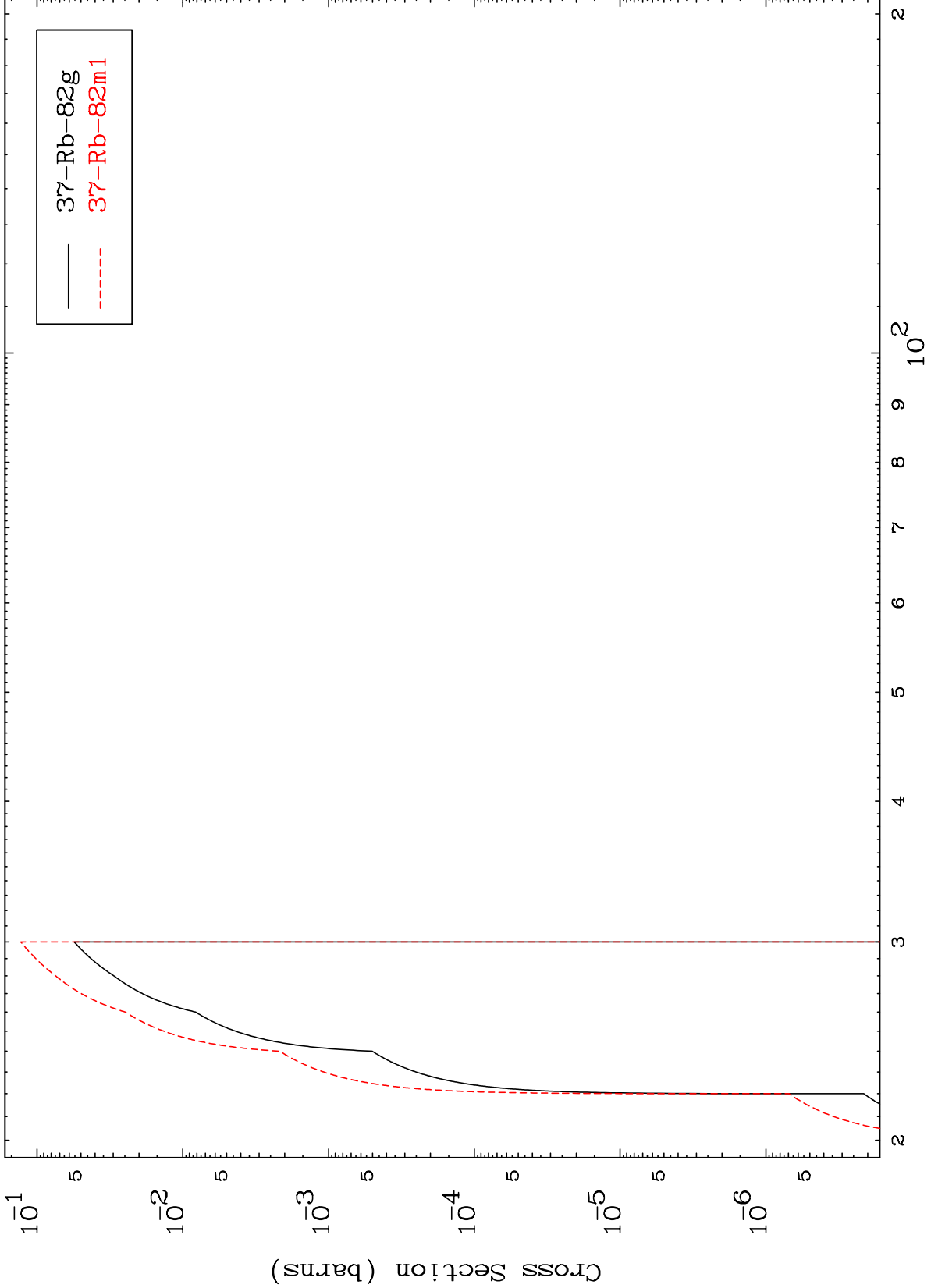
36-Kr-81g
36-Kr-81m2

MAT 3722

(n,2n) p

37-Rb-84

Radionuclide Production Cross Section

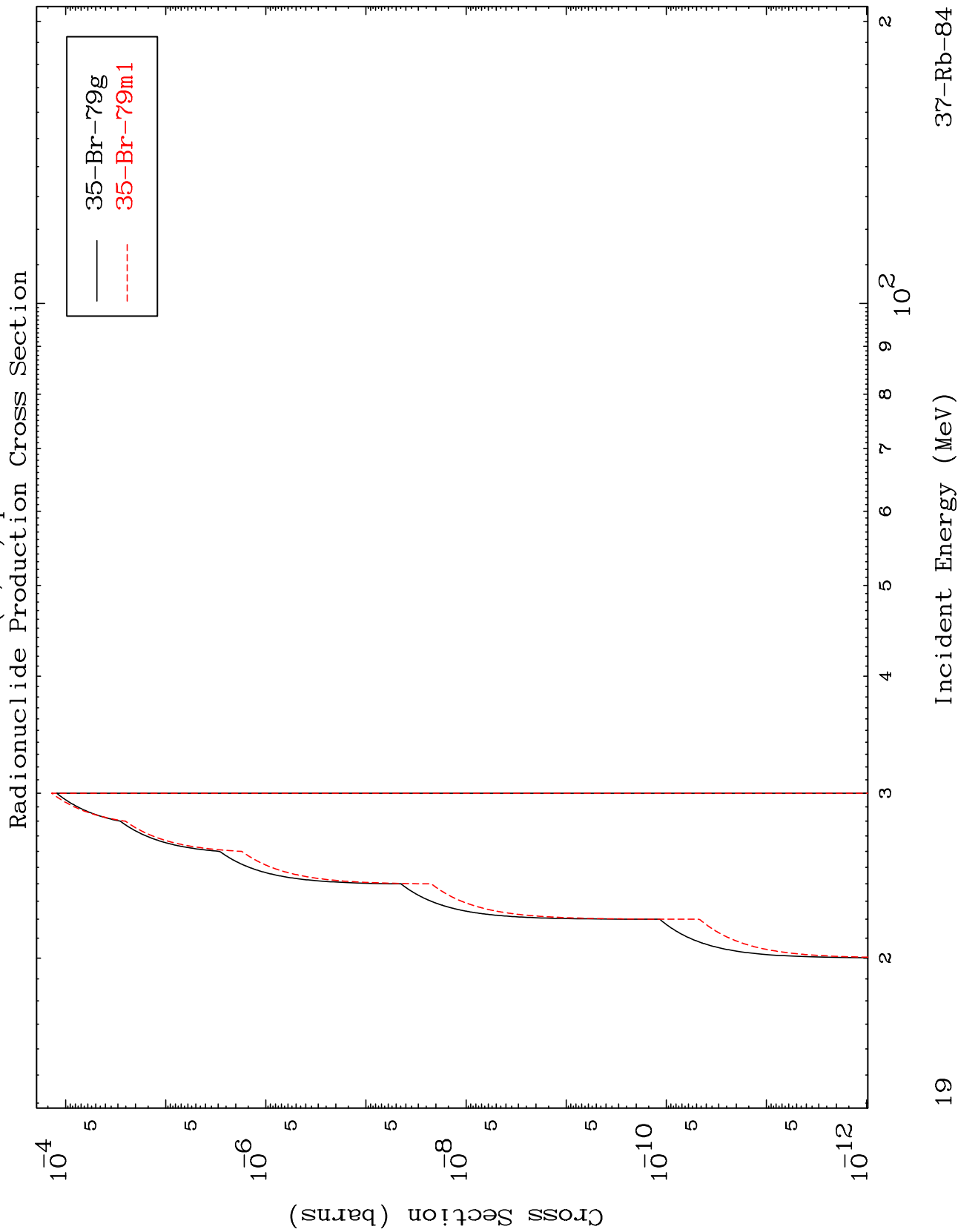


37-Rb-82g
37-Rb-82m1

18

Incident Energy (MeV)

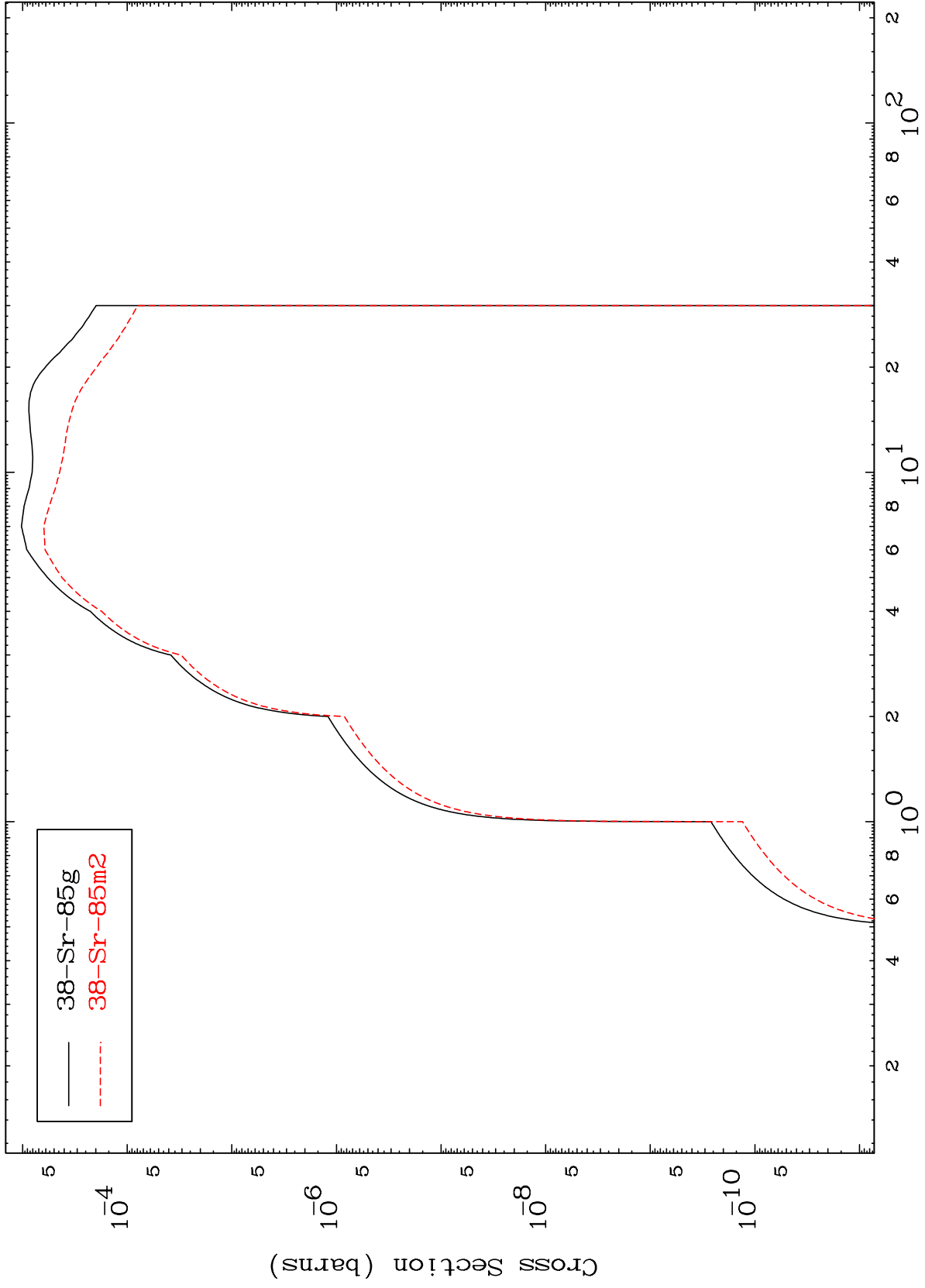
37-Rb-84



MAT 3722

37-Rb-84

(n, γ)
Radionuclide Production Cross Section



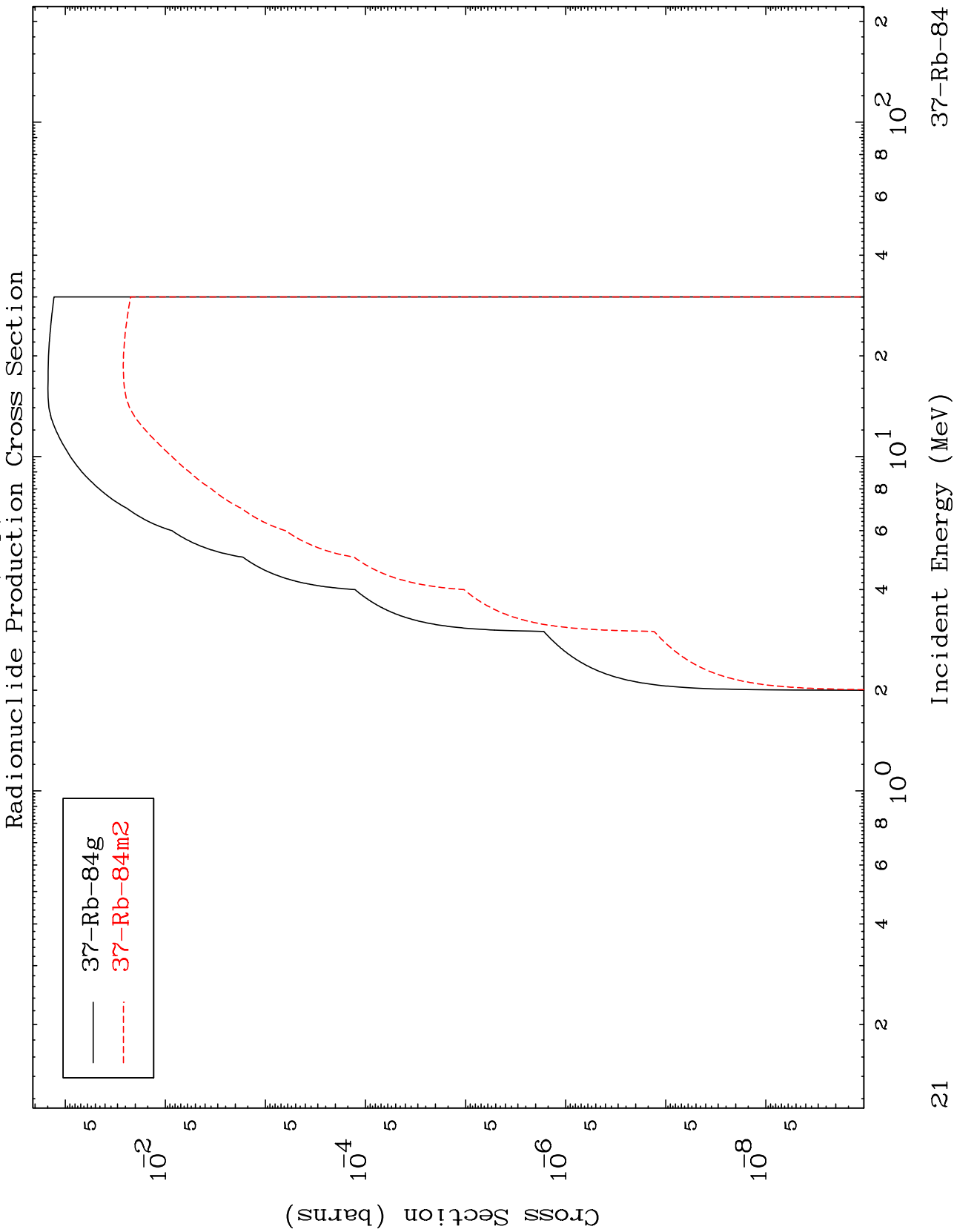
20

Incident Energy (MeV)

37-Rb-84

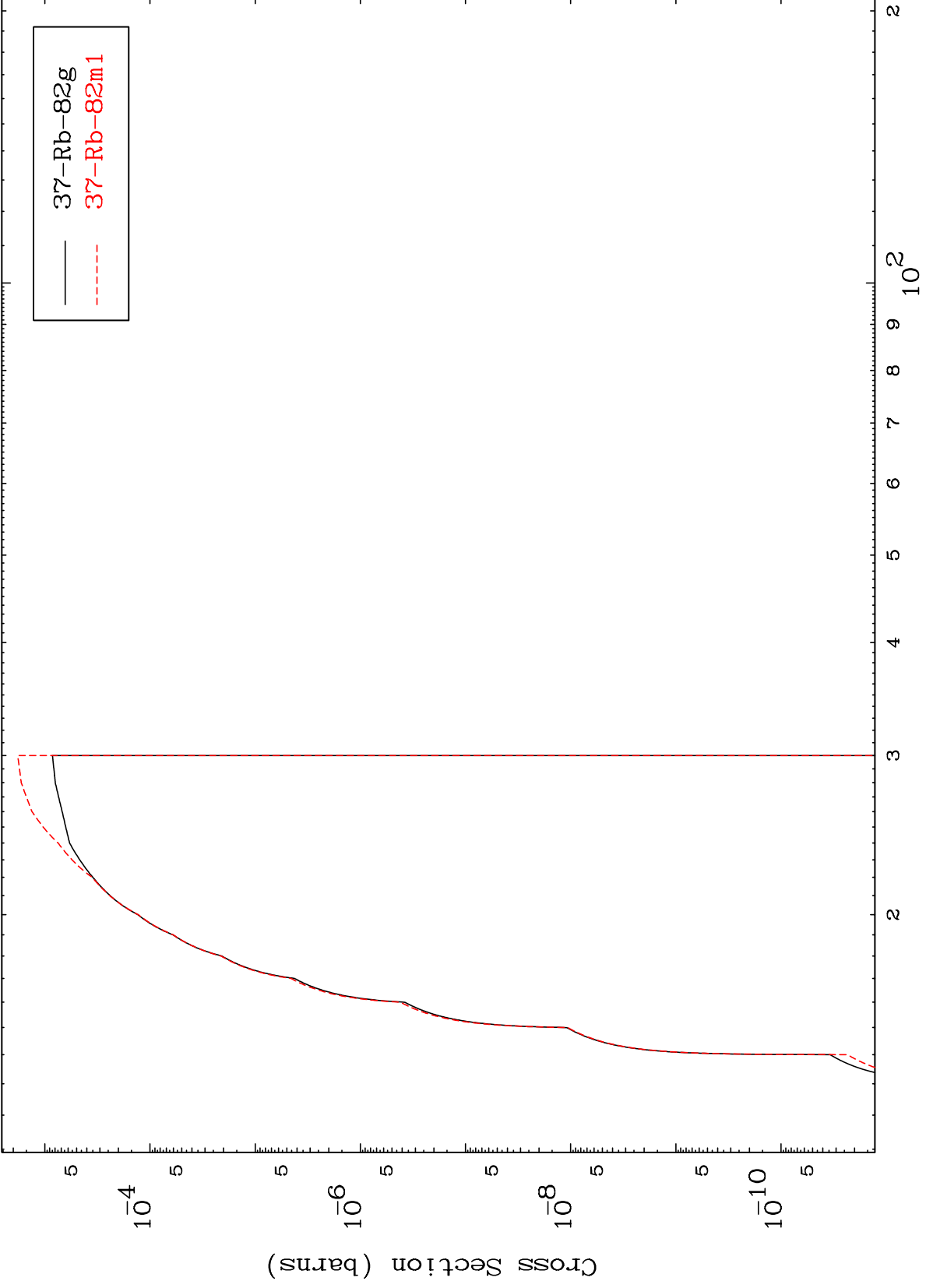
MAT 3722

³⁷Rb-84



³⁷Rb-84

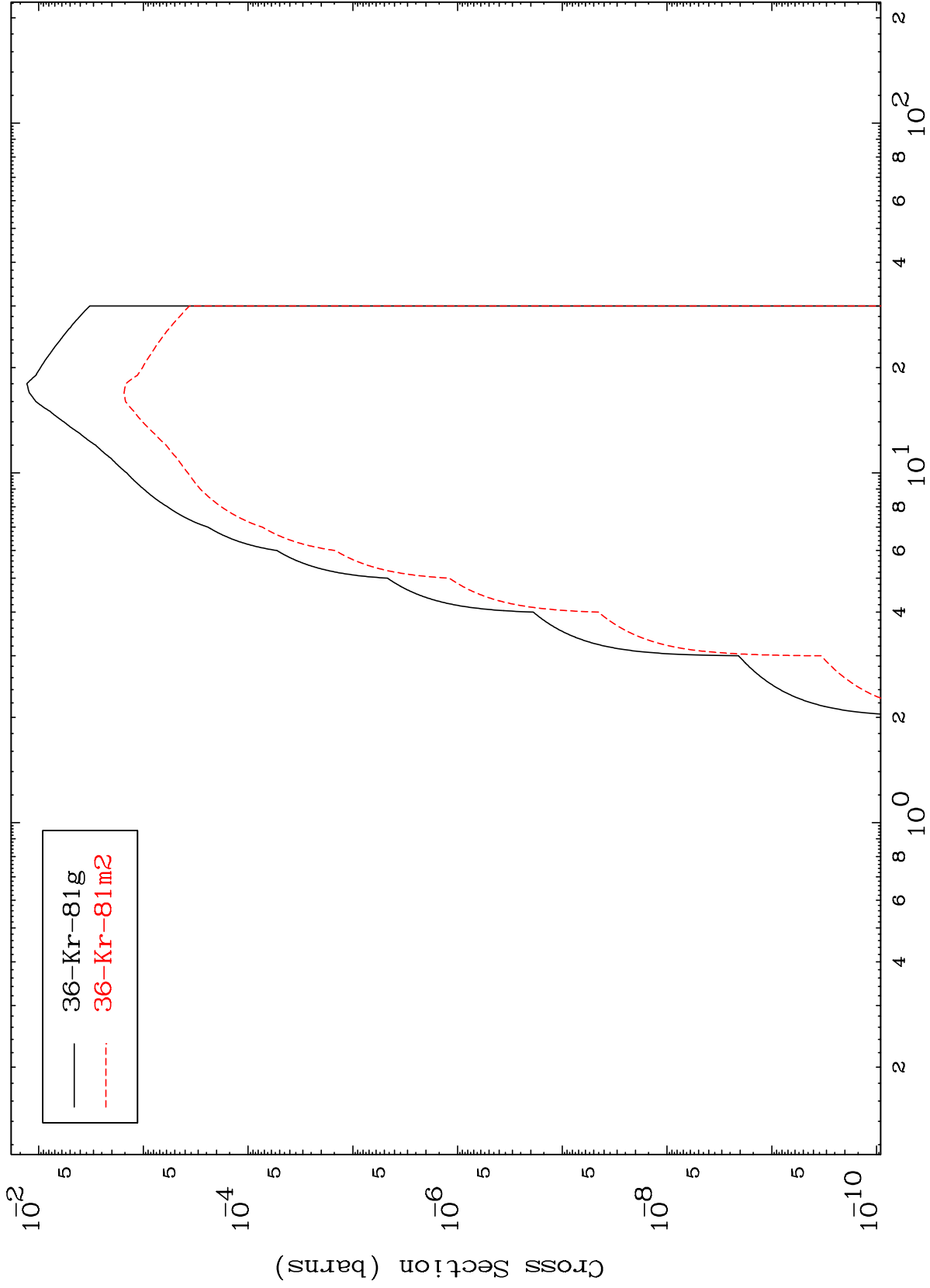
(n, t)
Radionuclide Production Cross Section



MAT 3722

37-Rb-84

Radionuclide Production Cross Section
(n, α)



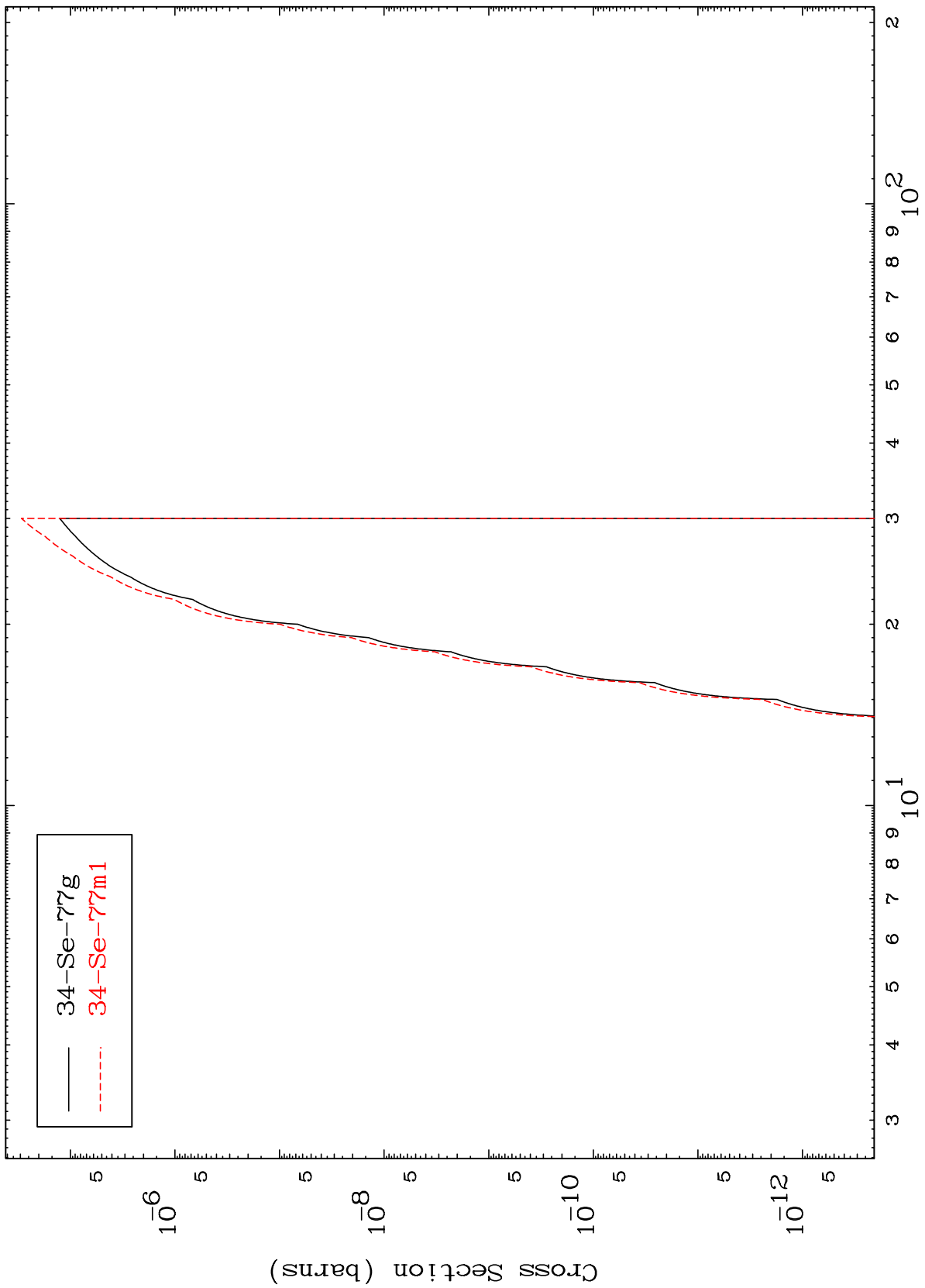
23

37-Rb-84

MAT 3722

37-Rb-84

Radionuclide Production Cross Section
(n,2α)



— 34-Se-77g
- - - 34-Se-77m1

24

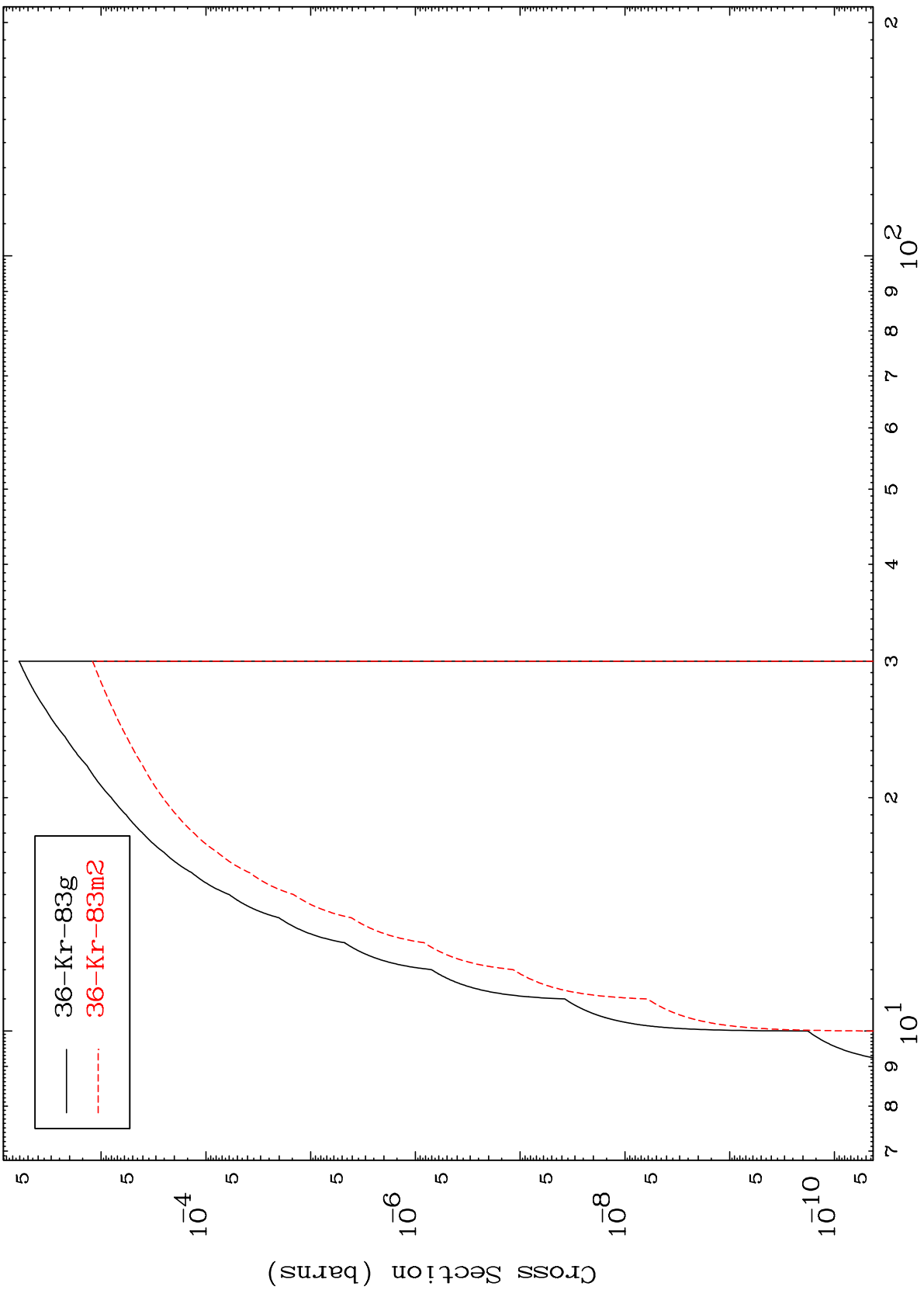
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

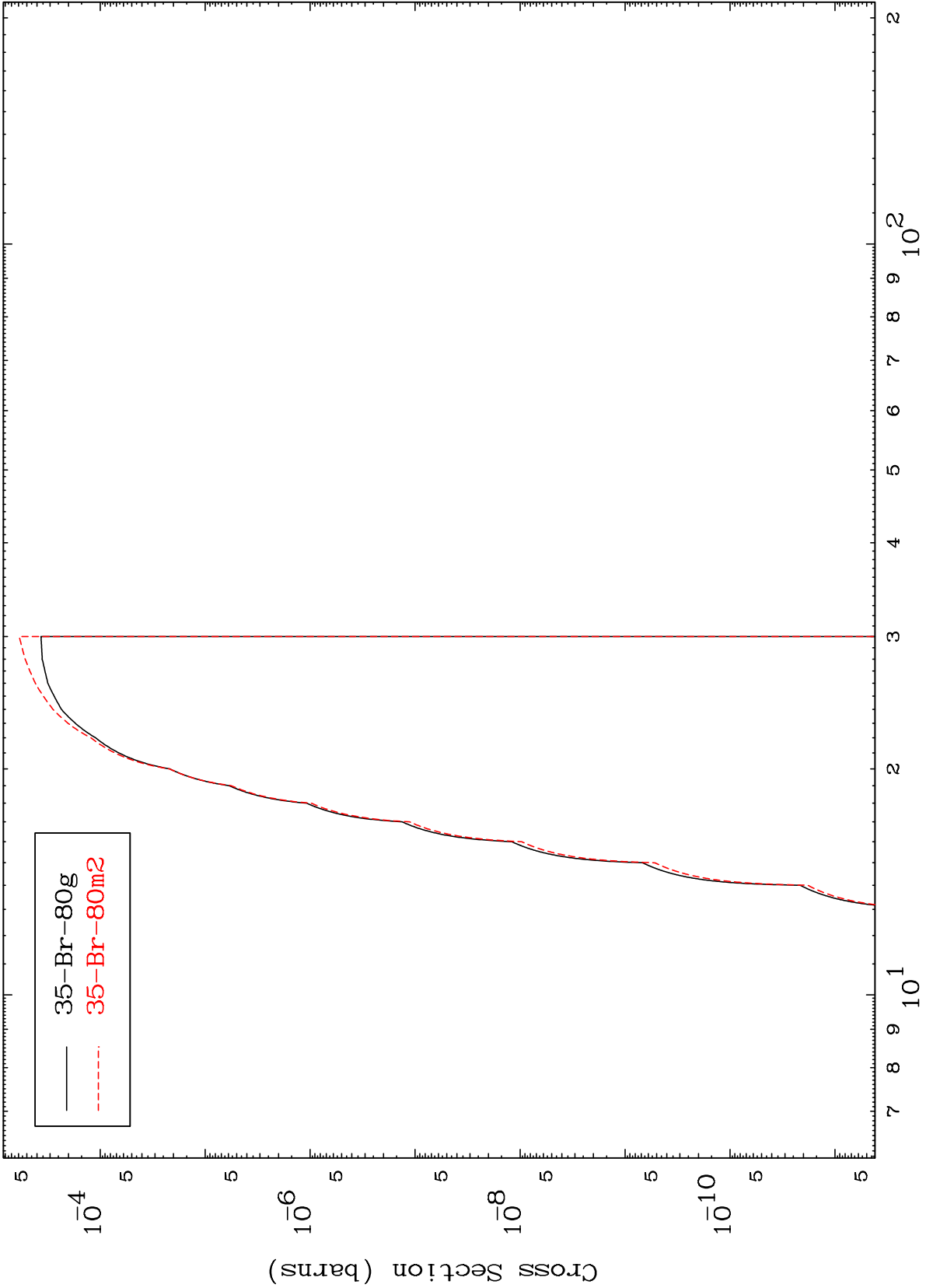
37-Rb-84

MAT 3722

37-Rb-84

(n,p) α

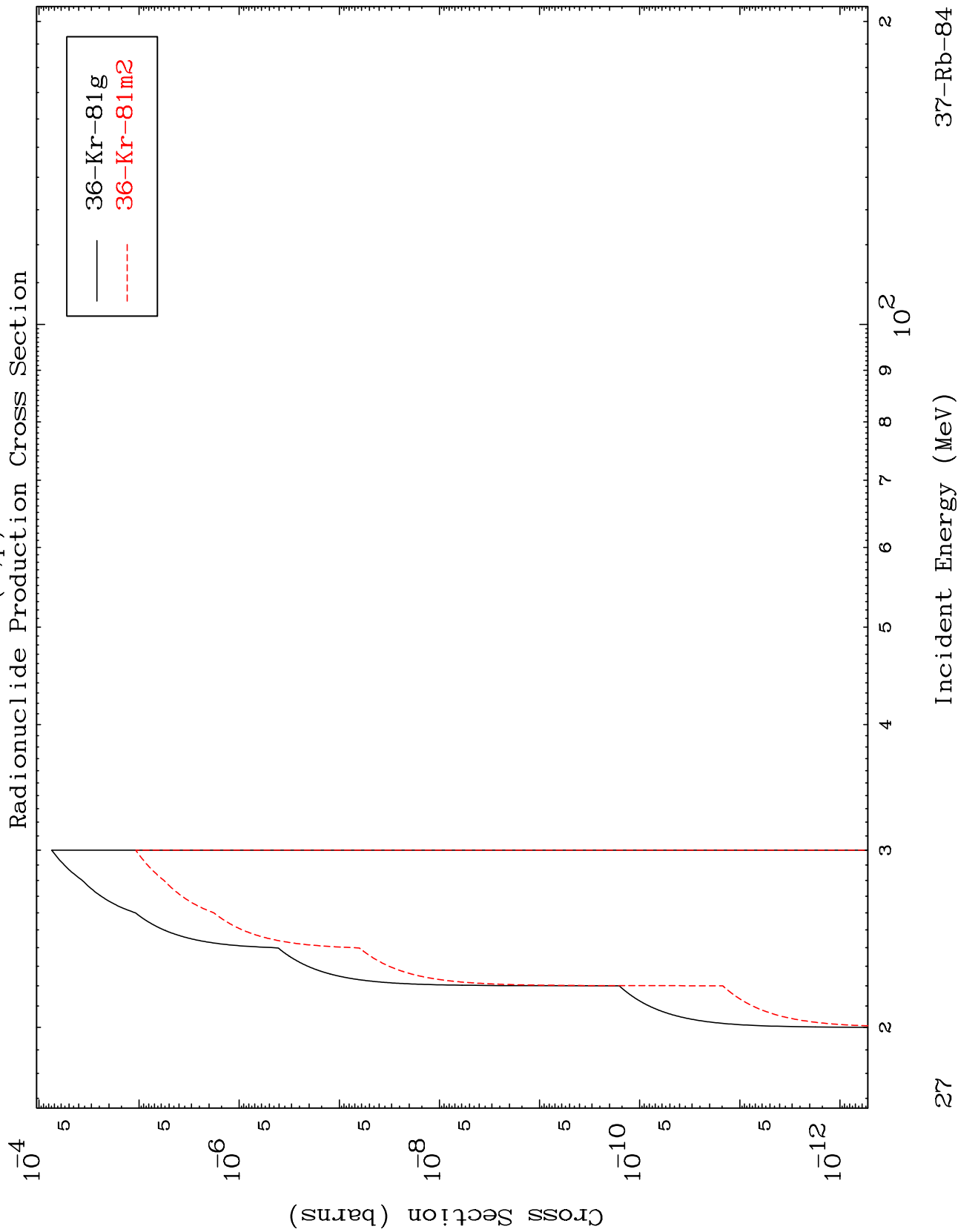
Radionuclide Production Cross Section



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Incident Energy (MeV)

37-Rb-84



Radionuclide Production Cross Section

