

Program EVALPLOT
(Version 2021-1)

by

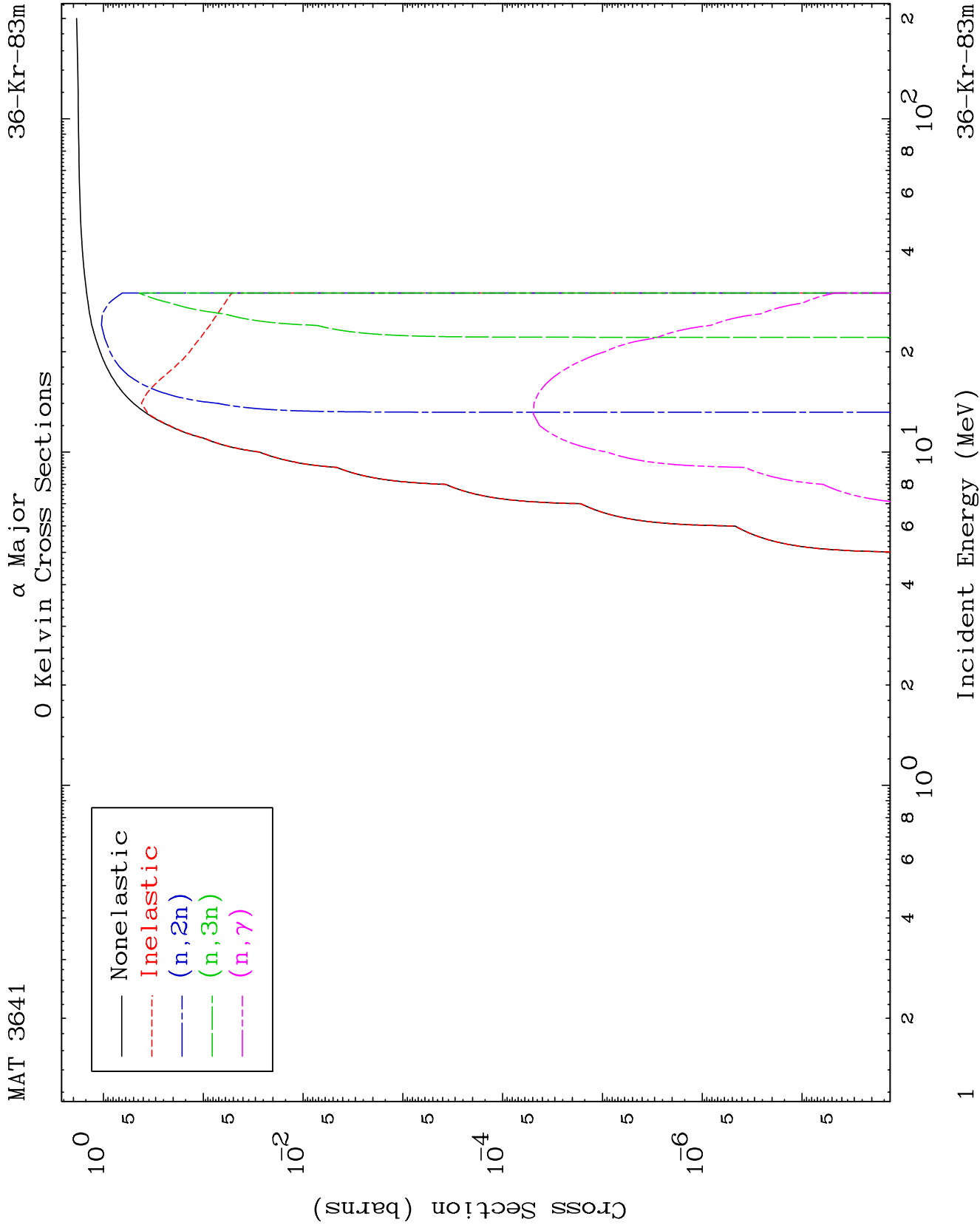
Dermott E. Cullen
(Present Contact Information)

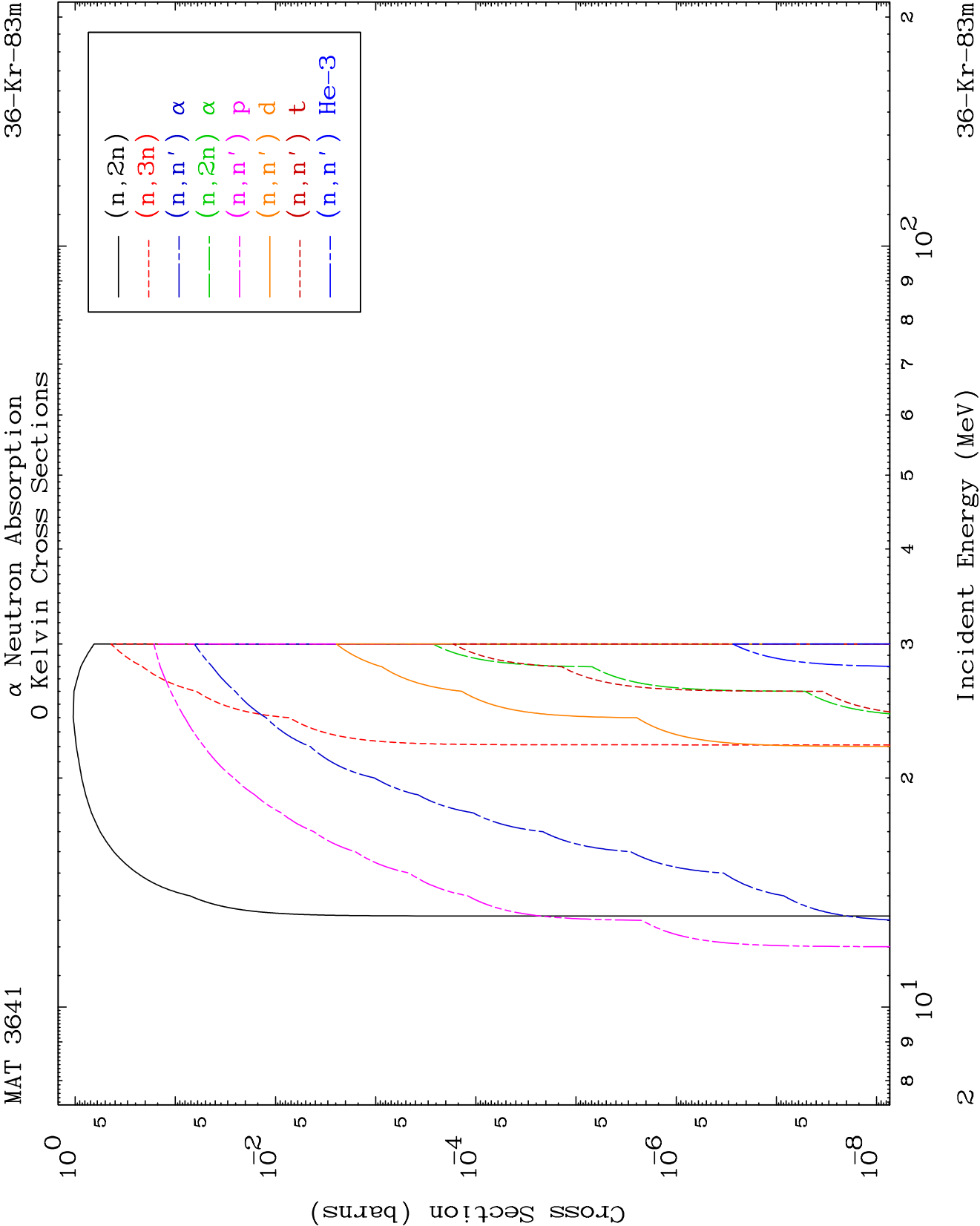
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

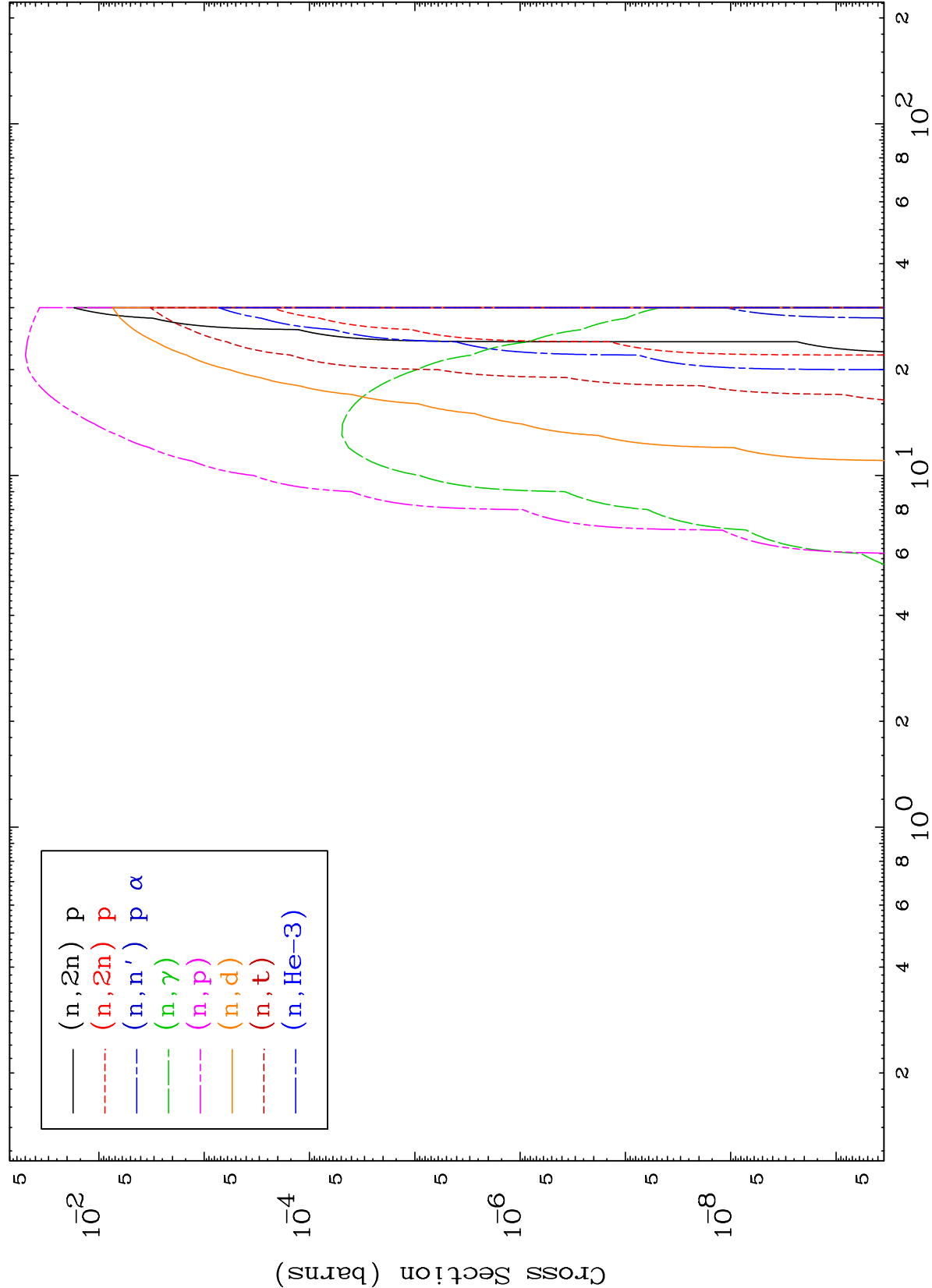
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





0 Kelvin Cross Sections

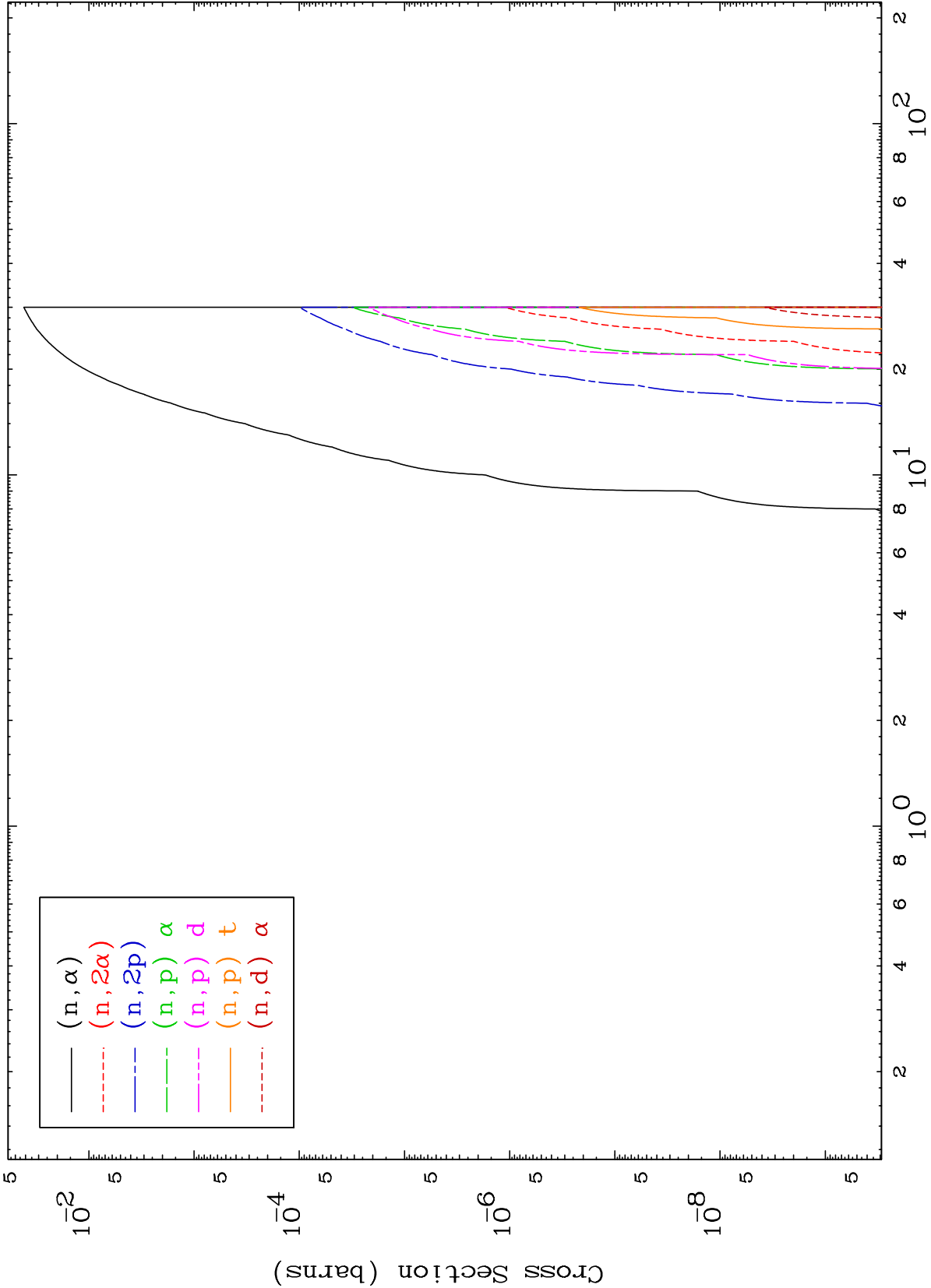


MAT 3641

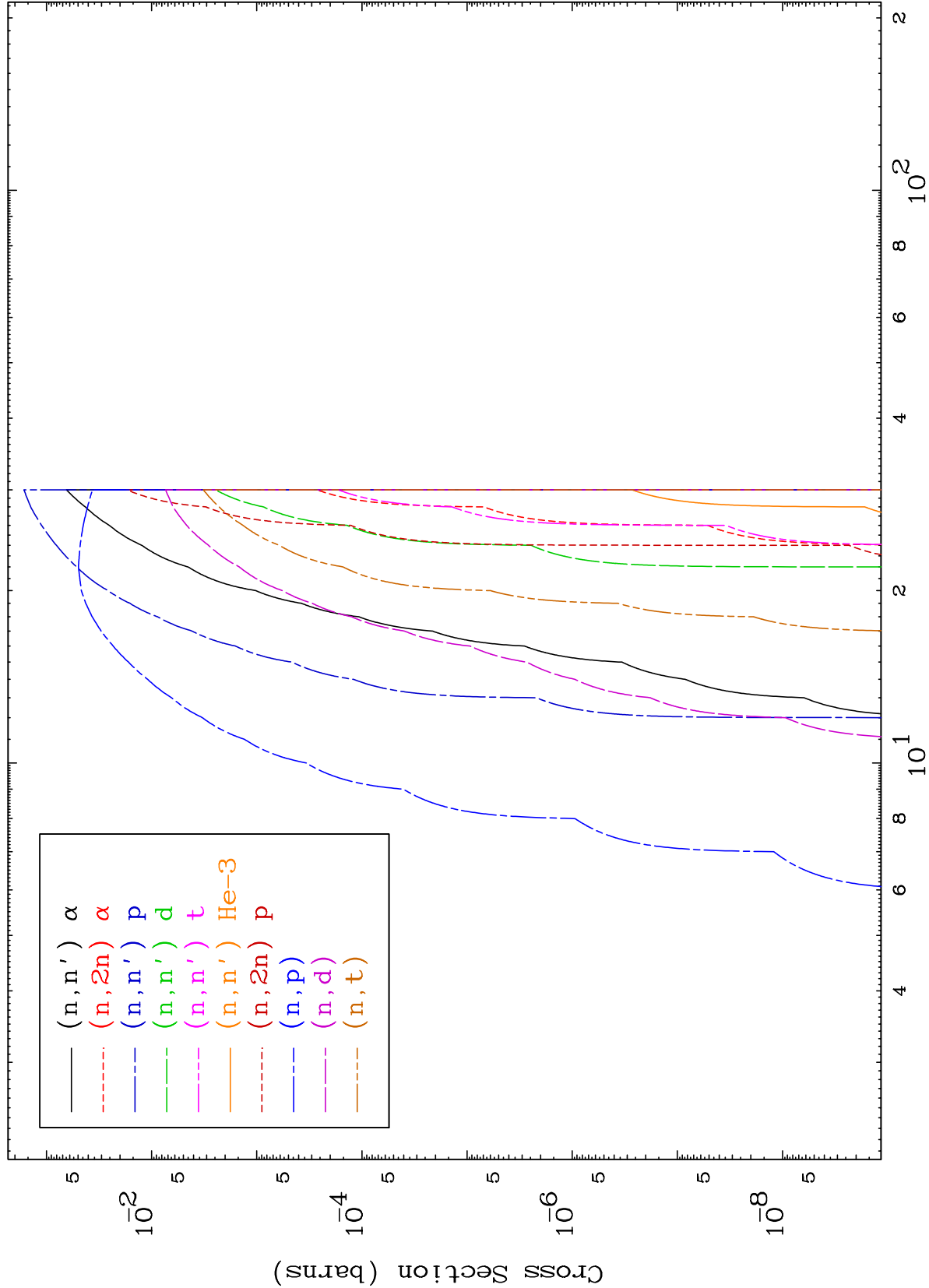
α Neutron Absorption

36-Kr-83m

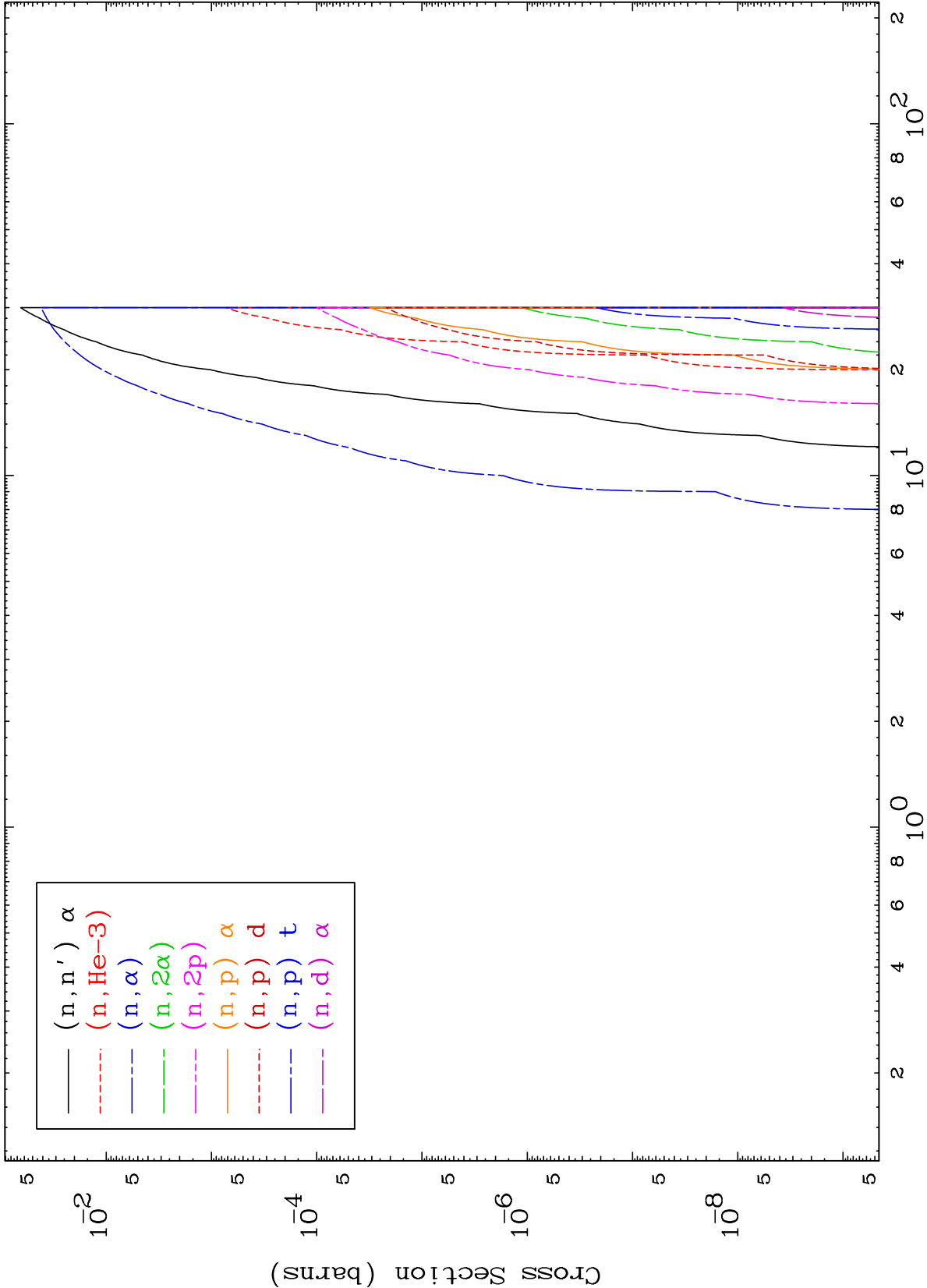
0 Kelvin Cross Sections



0 Kelvin Cross Sections



0 Kelvin Cross Sections

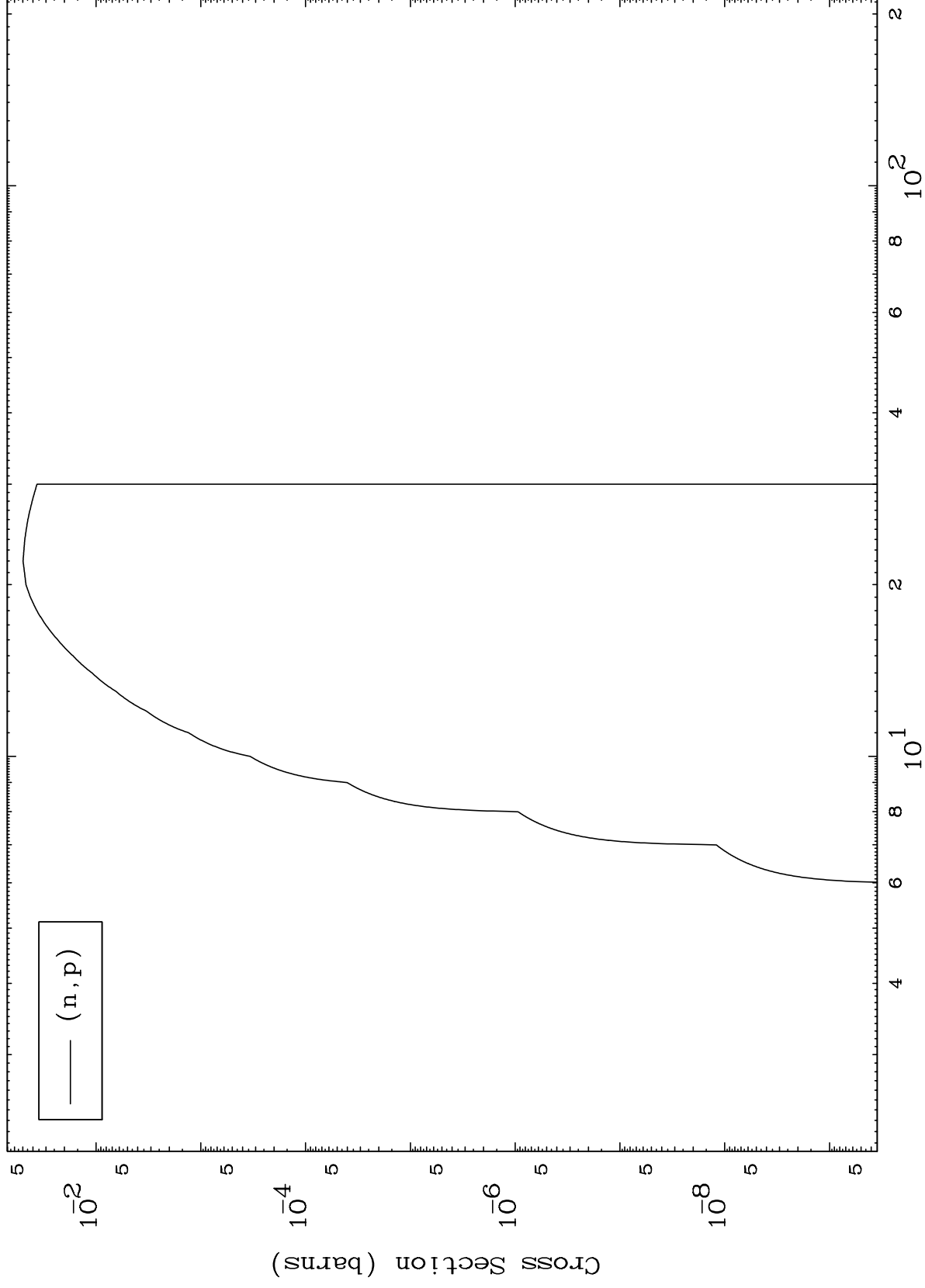


Incident Energy (MeV)

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36-Kr-83m

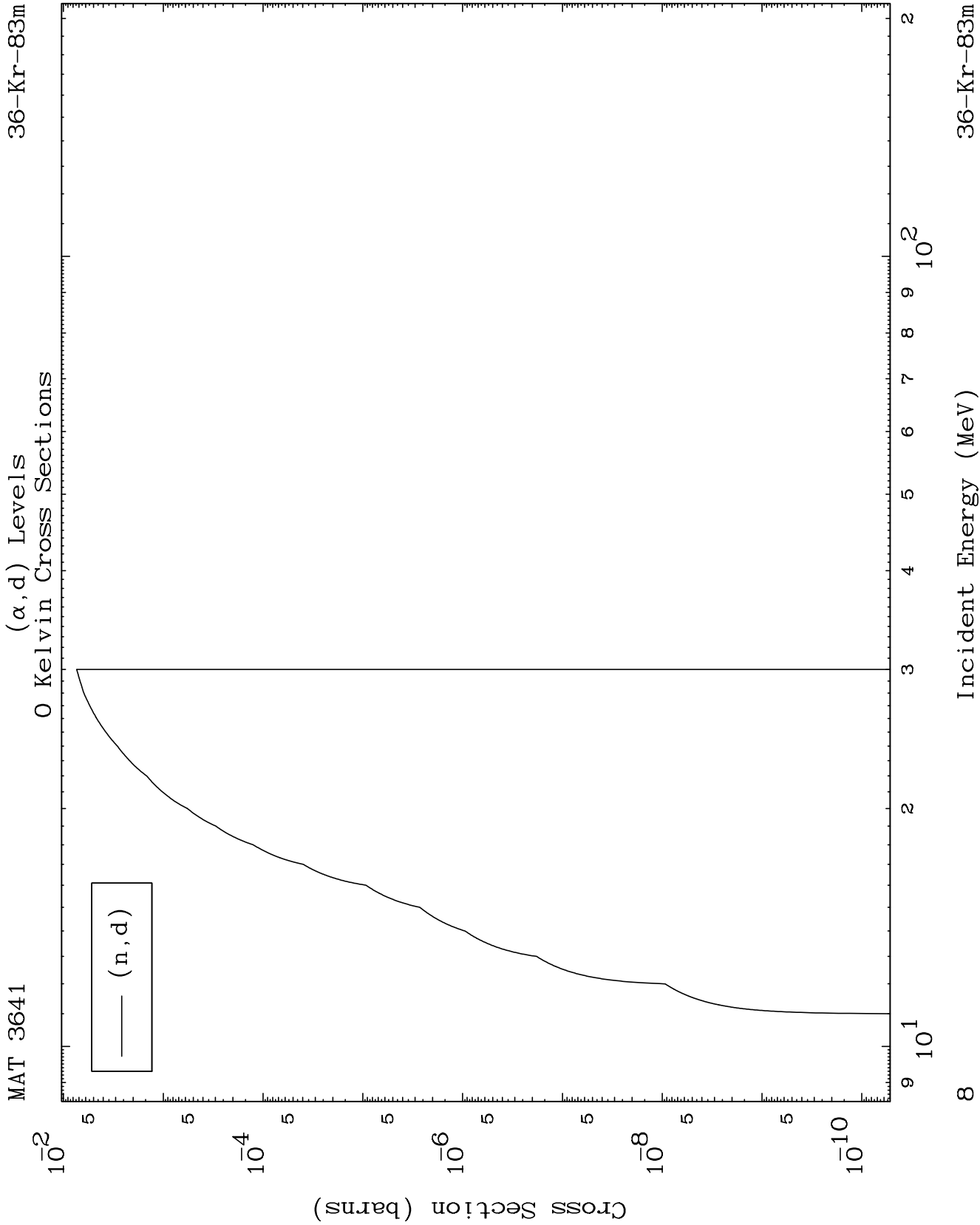
(α, p) Levels
0 Kelvin Cross Sections



7

36-Kr-83m

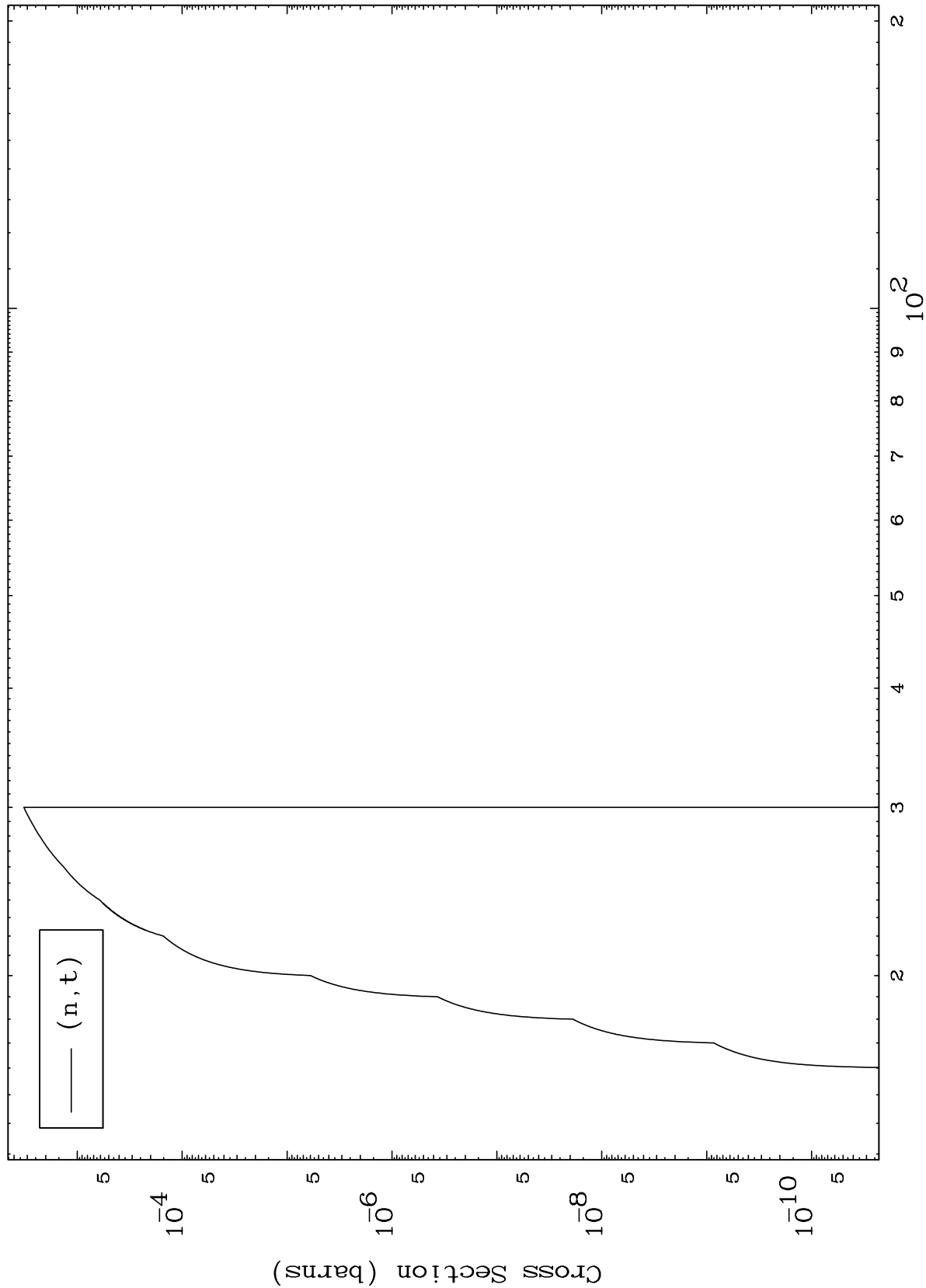
Incident Energy (MeV)



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36-Kr-83m

(α, t) Levels
0 Kelvin Cross Sections



9

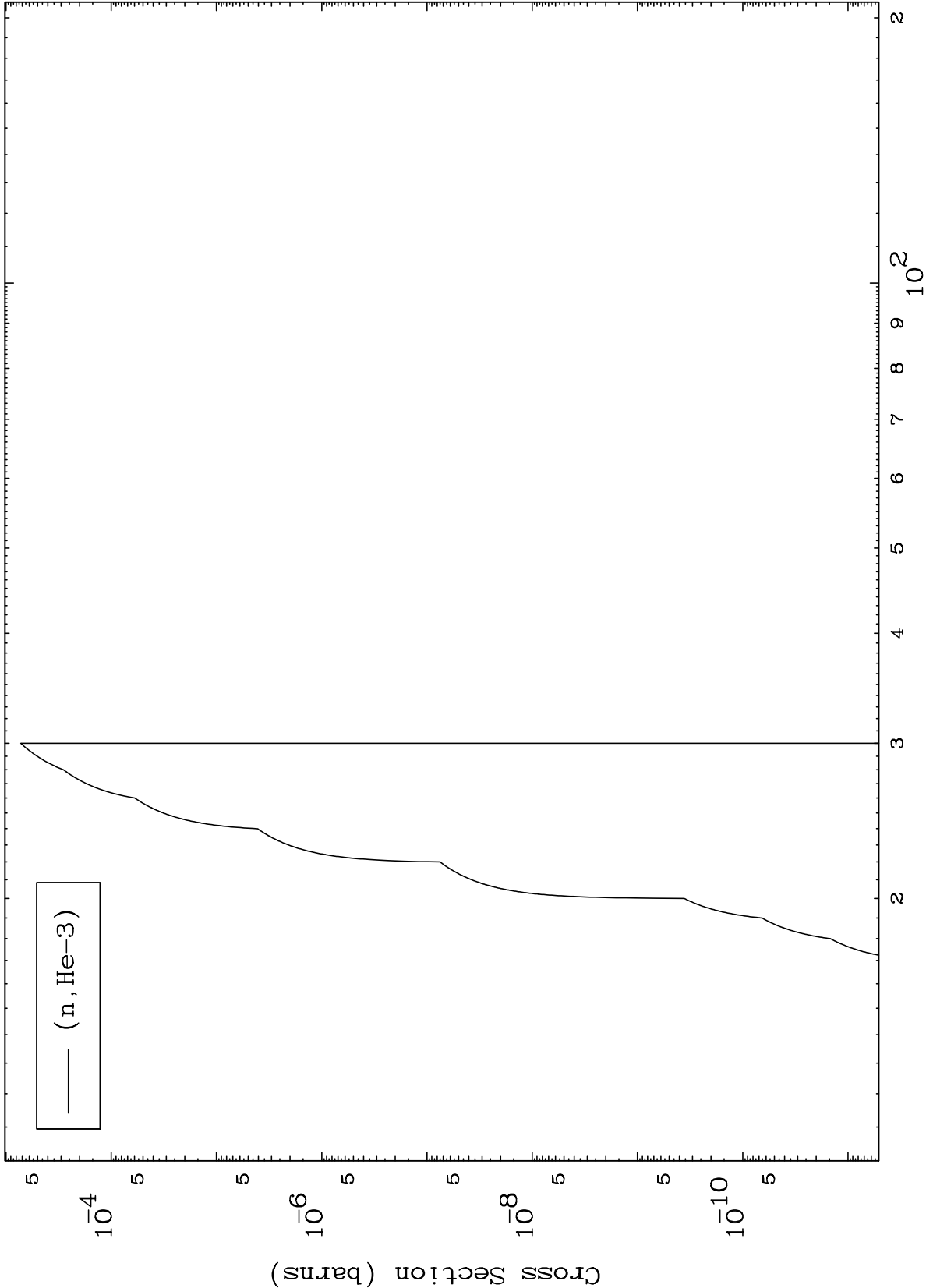
36-Kr-83m

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(α ,He3) Levels

36-Kr-83m

0 Kelvin Cross Sections



— (n, He-3)

10

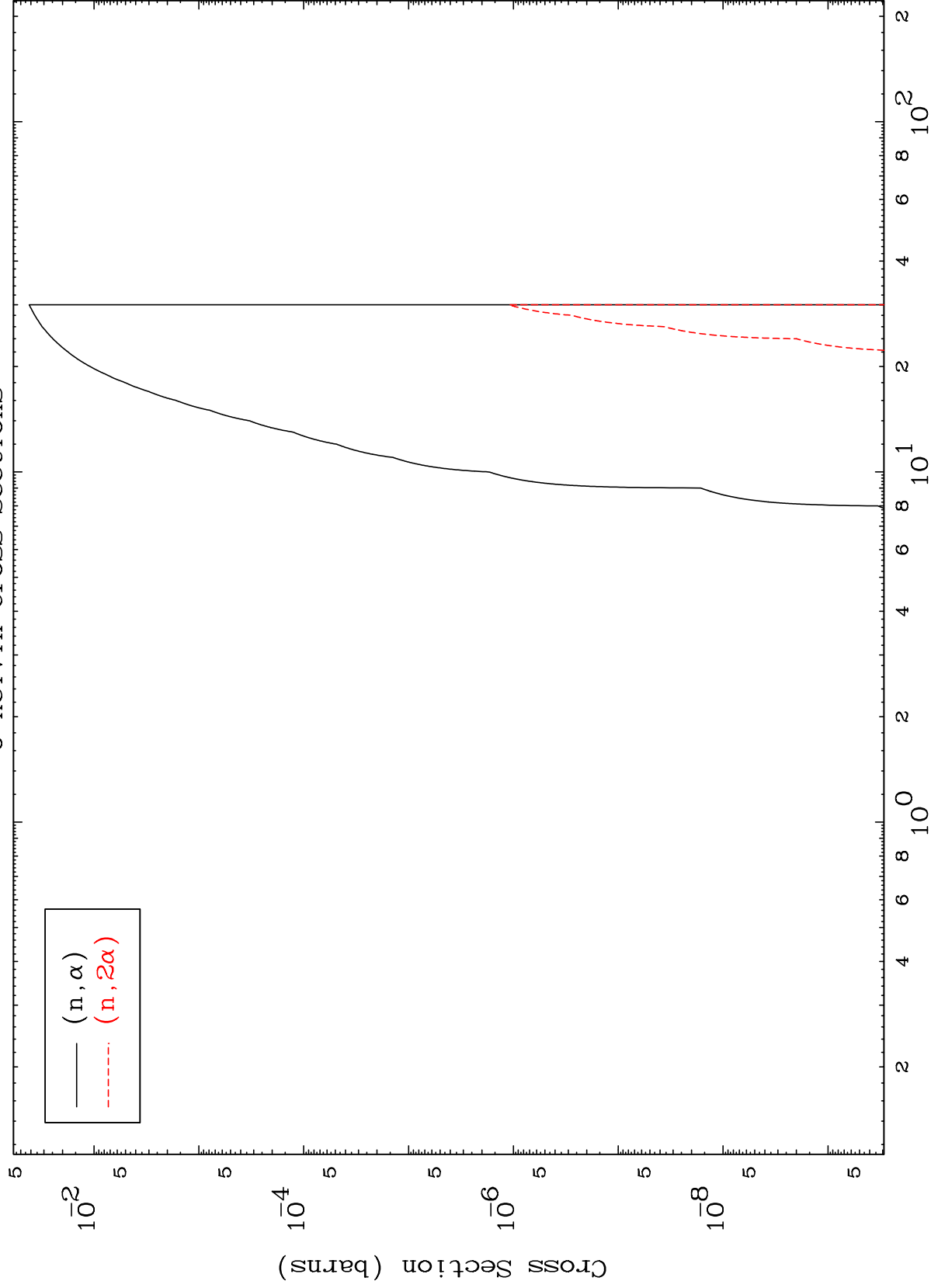
Incident Energy (MeV)

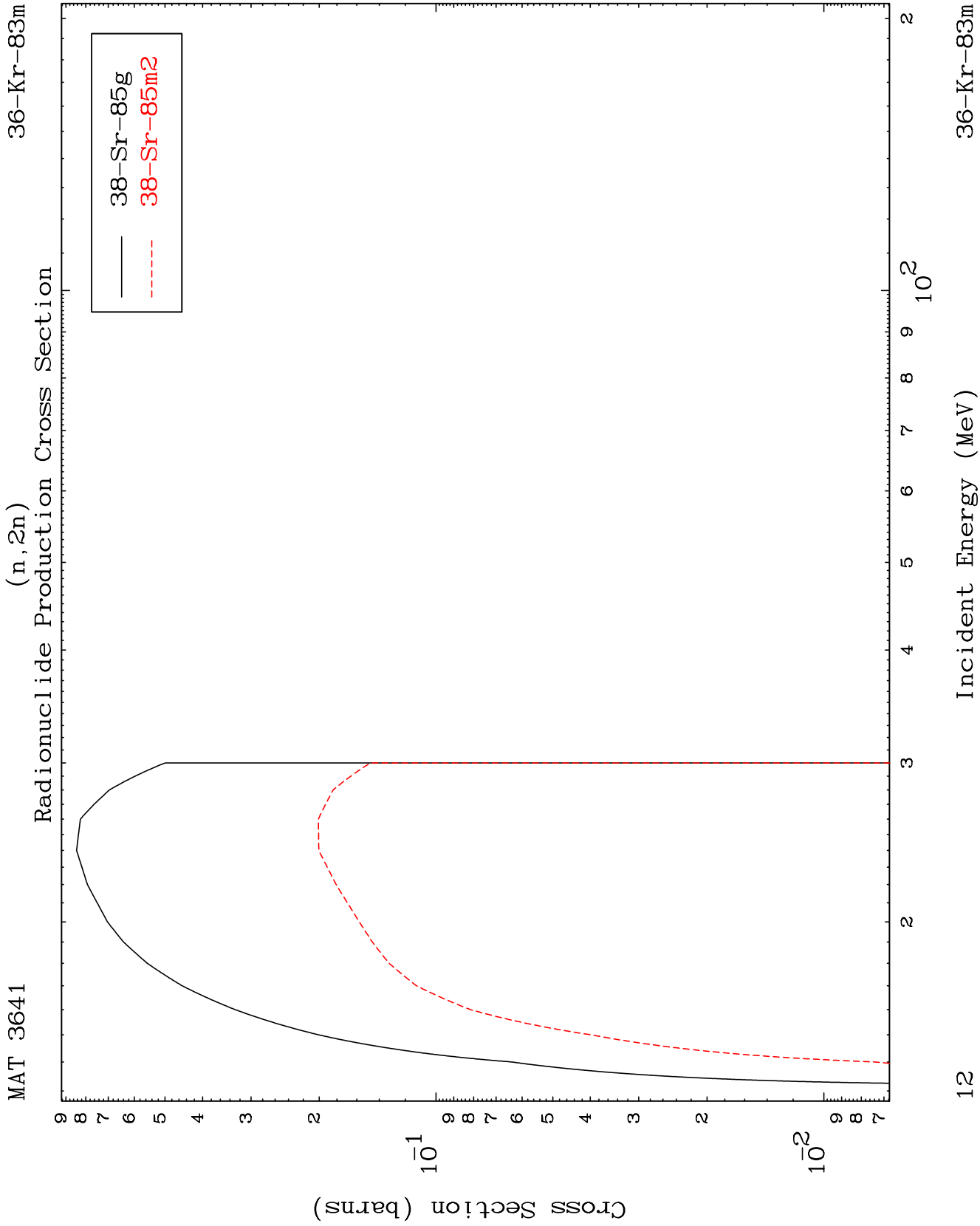
36-Kr-83m

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36-Kr-83m

(α, α) Levels
0 Kelvin Cross Sections

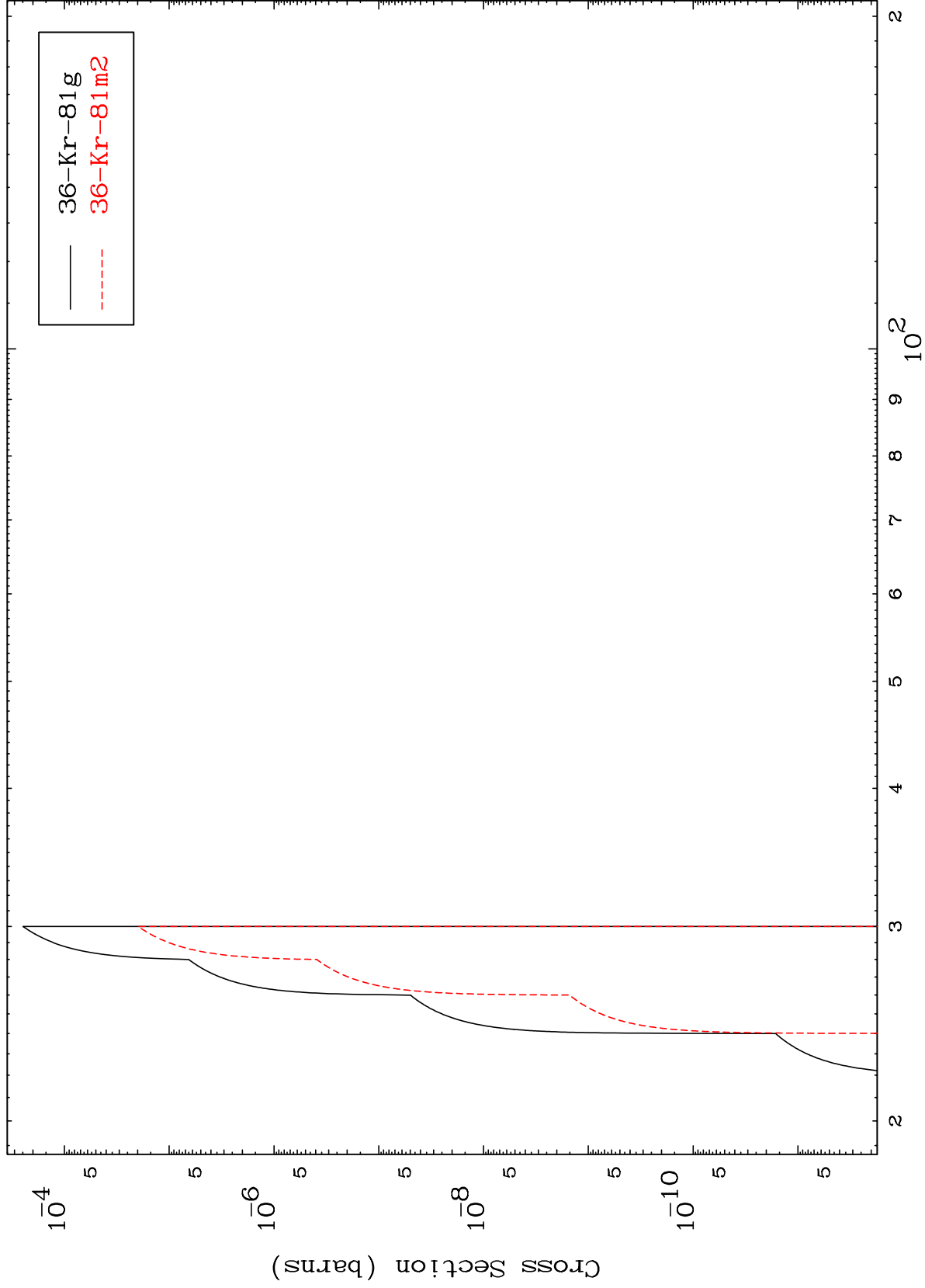




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$^{36}\text{Kr-83m}$

$(n,2n) \alpha$
Radionuclide Production Cross Section



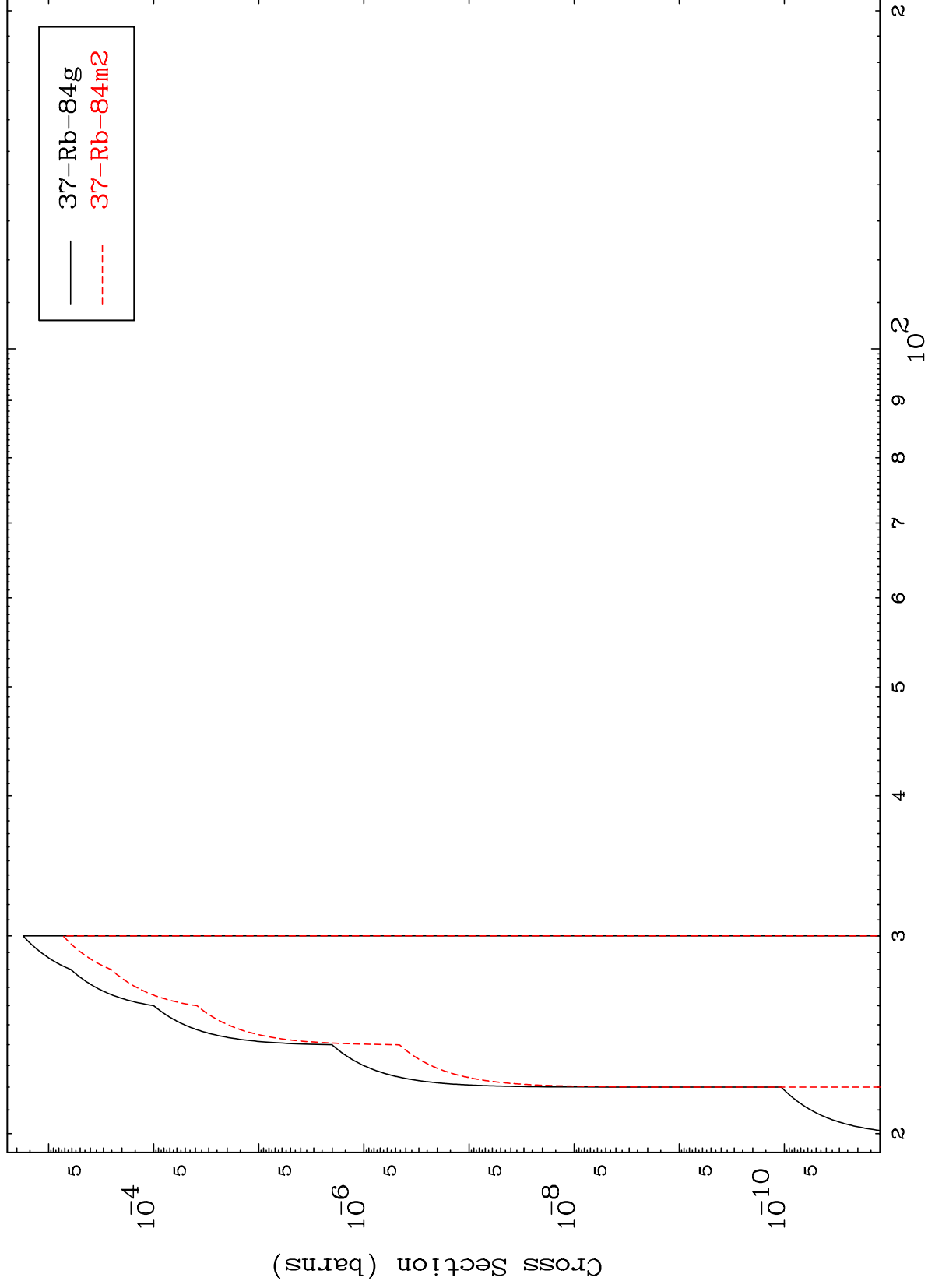
13

$^{36}\text{Kr-83m}$

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³⁶Kr-83m

(n,n') d
Radionuclide Production Cross Section

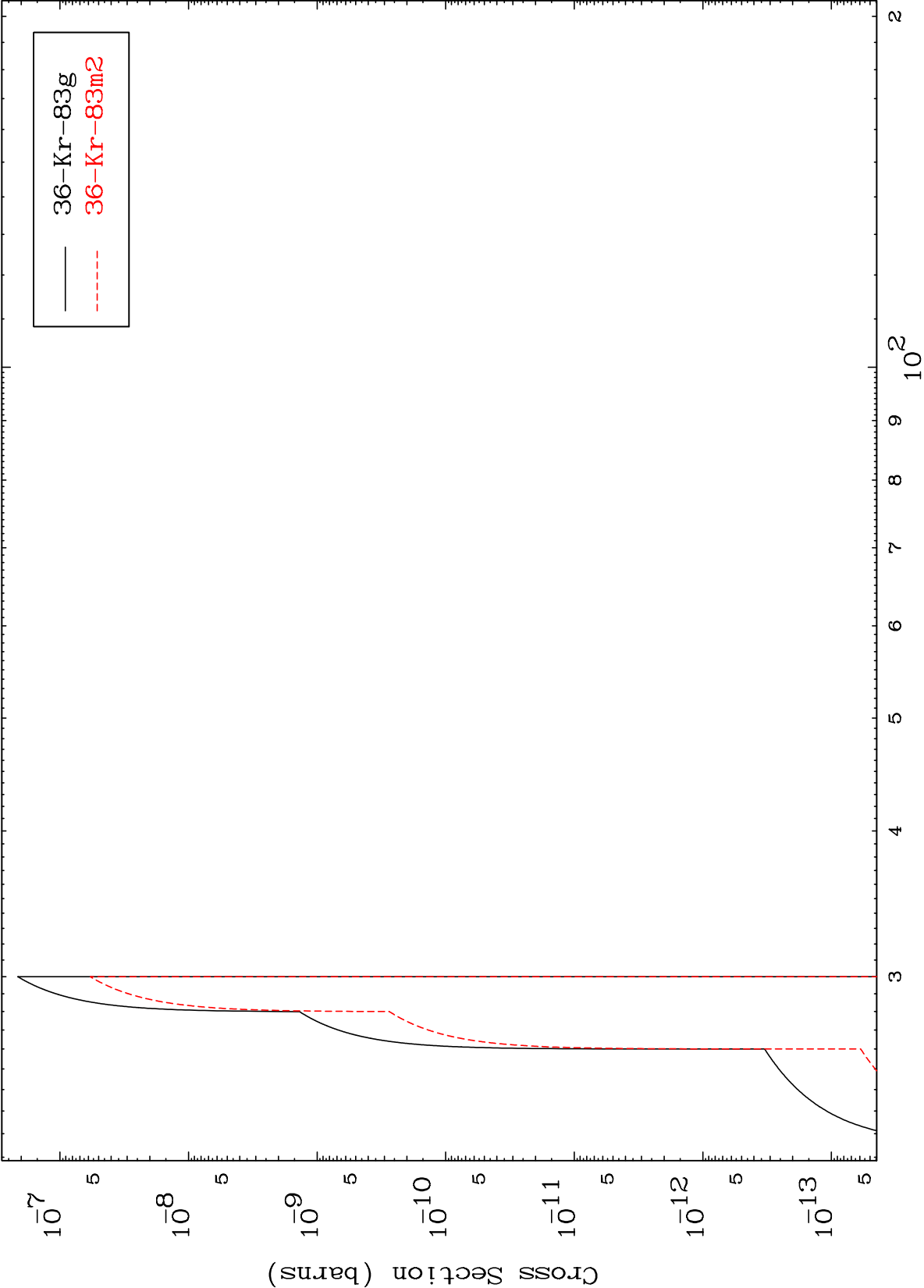


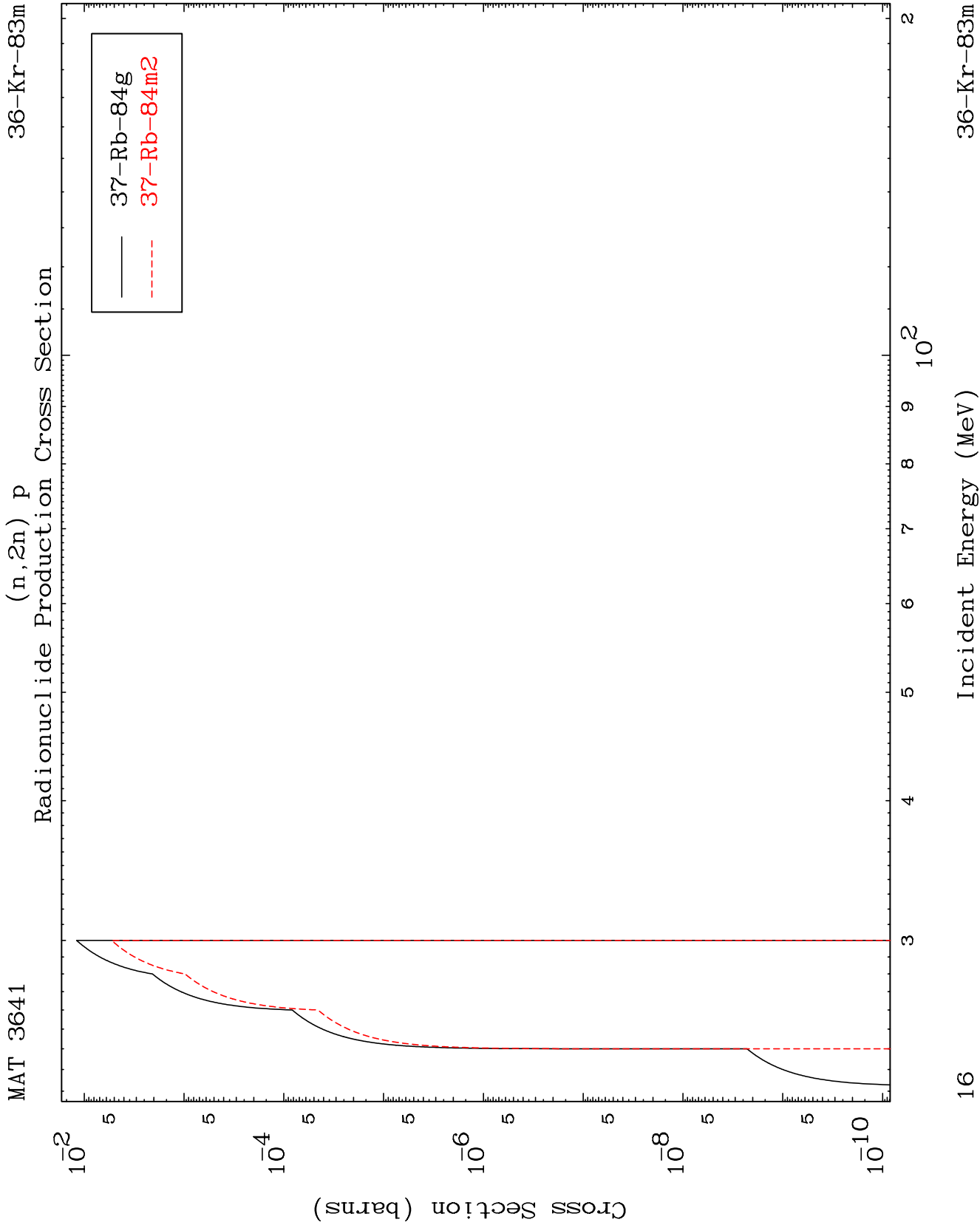
³⁶Kr-83m

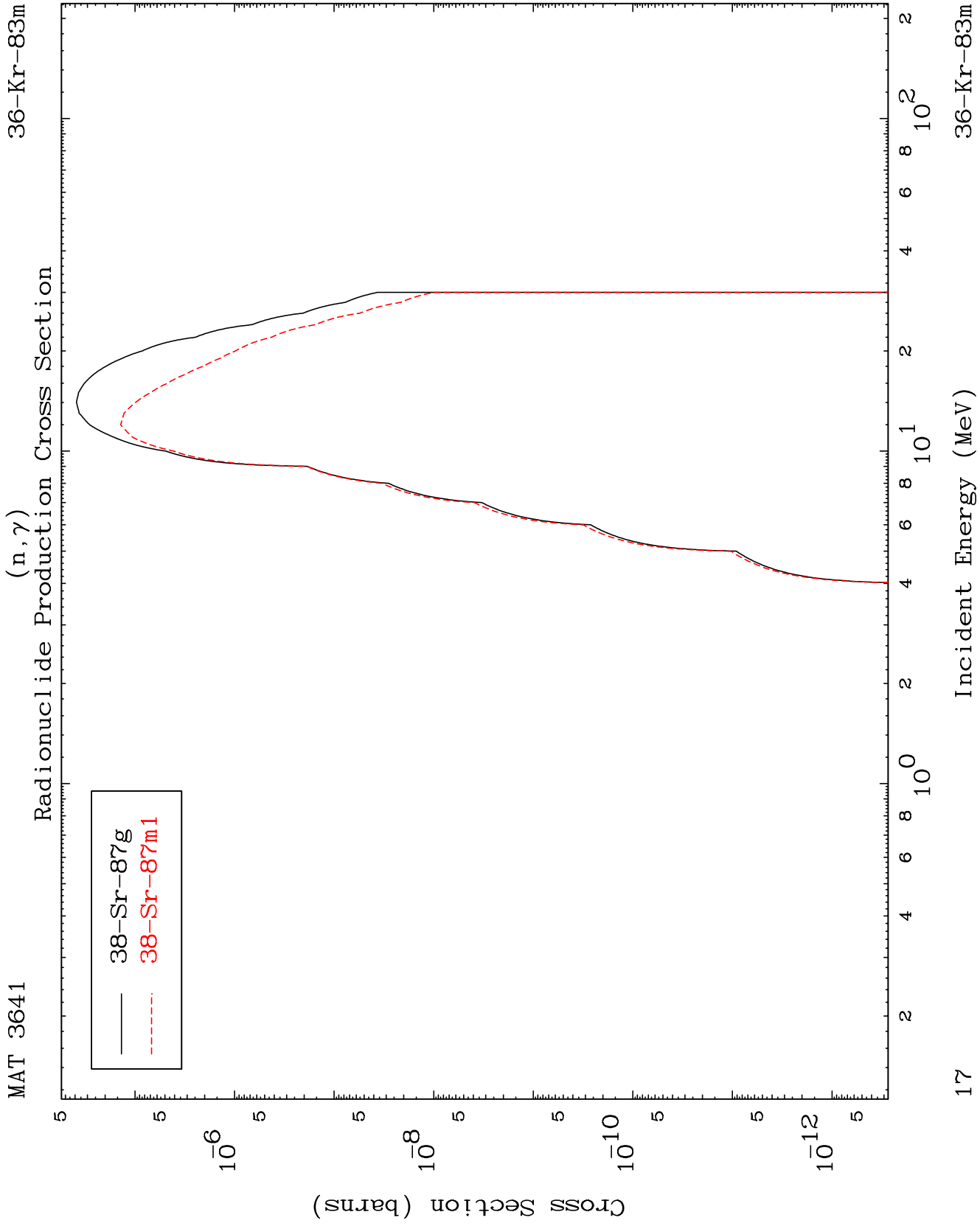
Incident Energy (MeV)

14

Radionuclide Production Cross Section



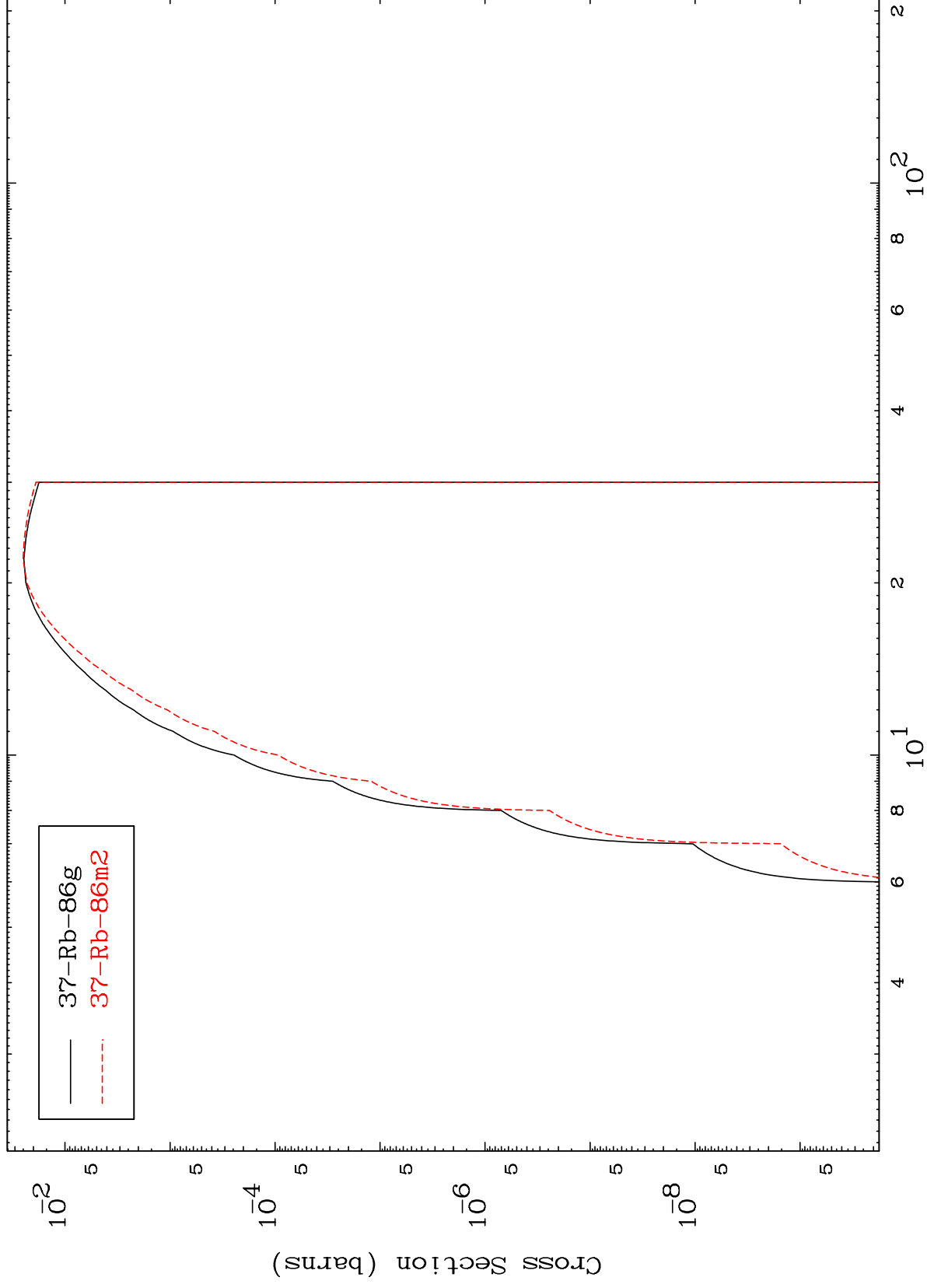




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36-Kr-83m

Radionuclide Production Cross Section (n,p)



18

Incident Energy (MeV)

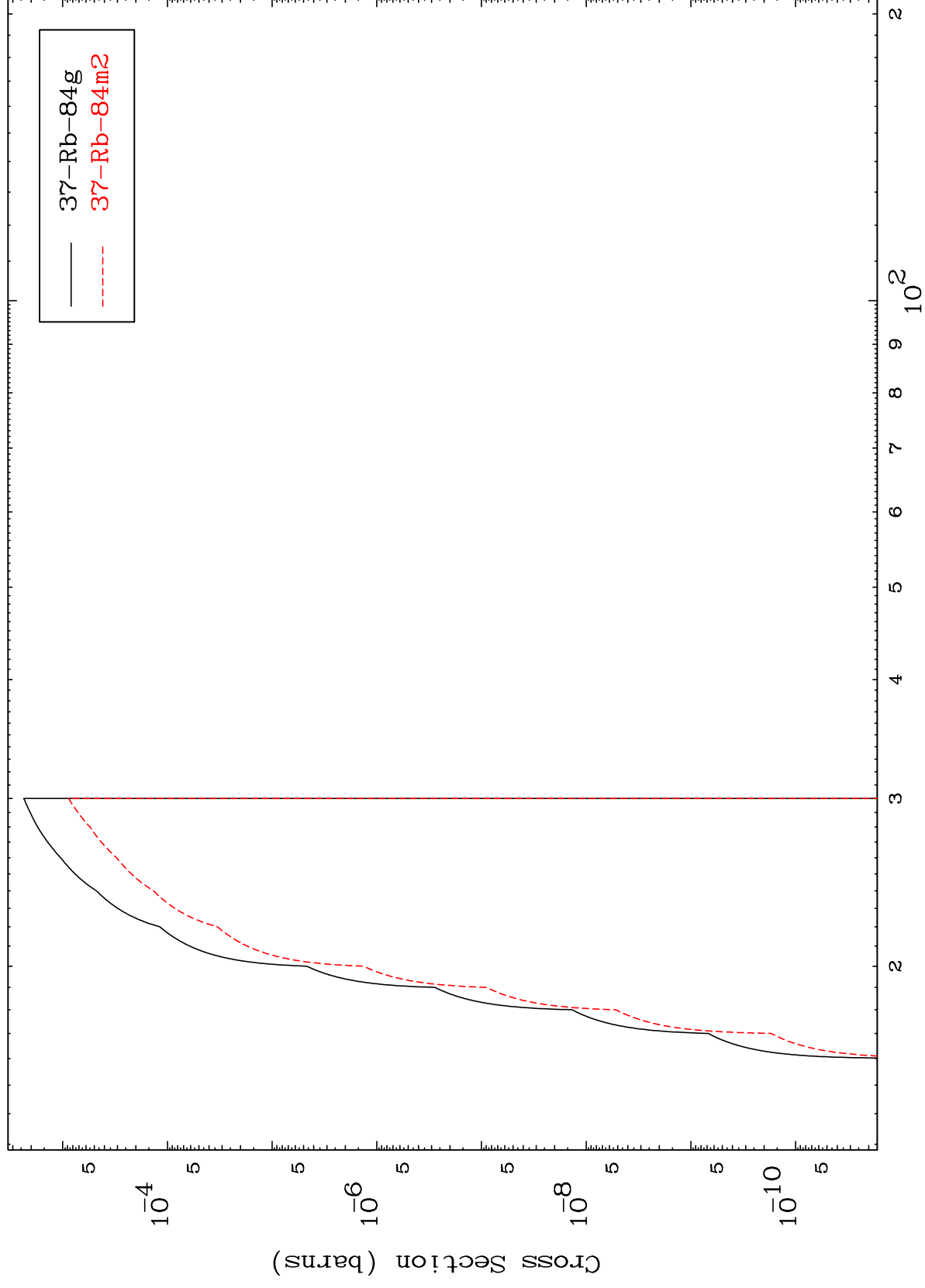
36-Kr-83m

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 (n, t)

36-Kr-83m

Radionuclide Production Cross Section



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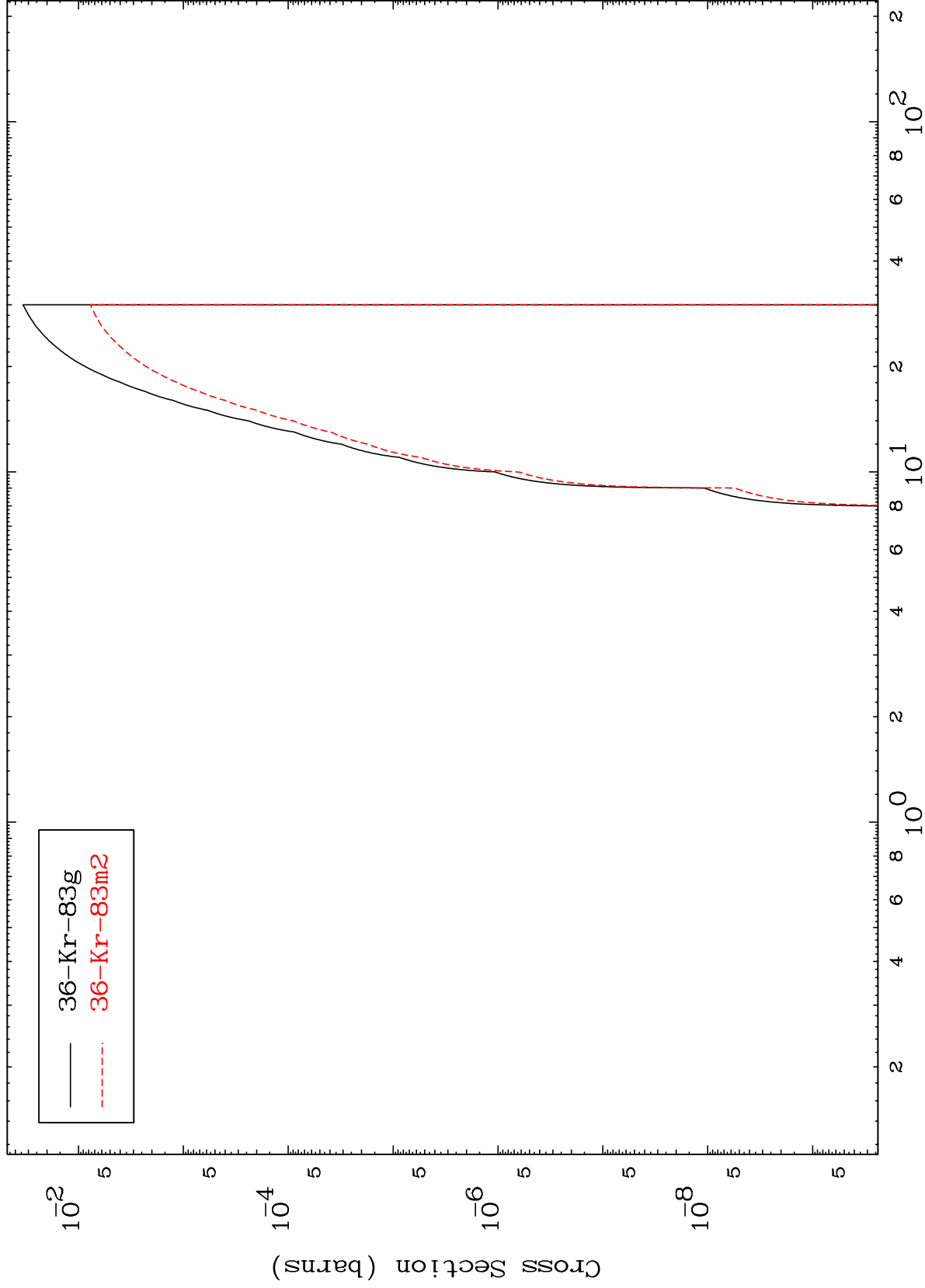
Incident Energy (MeV)

36-Kr-83m

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36-Kr-83m

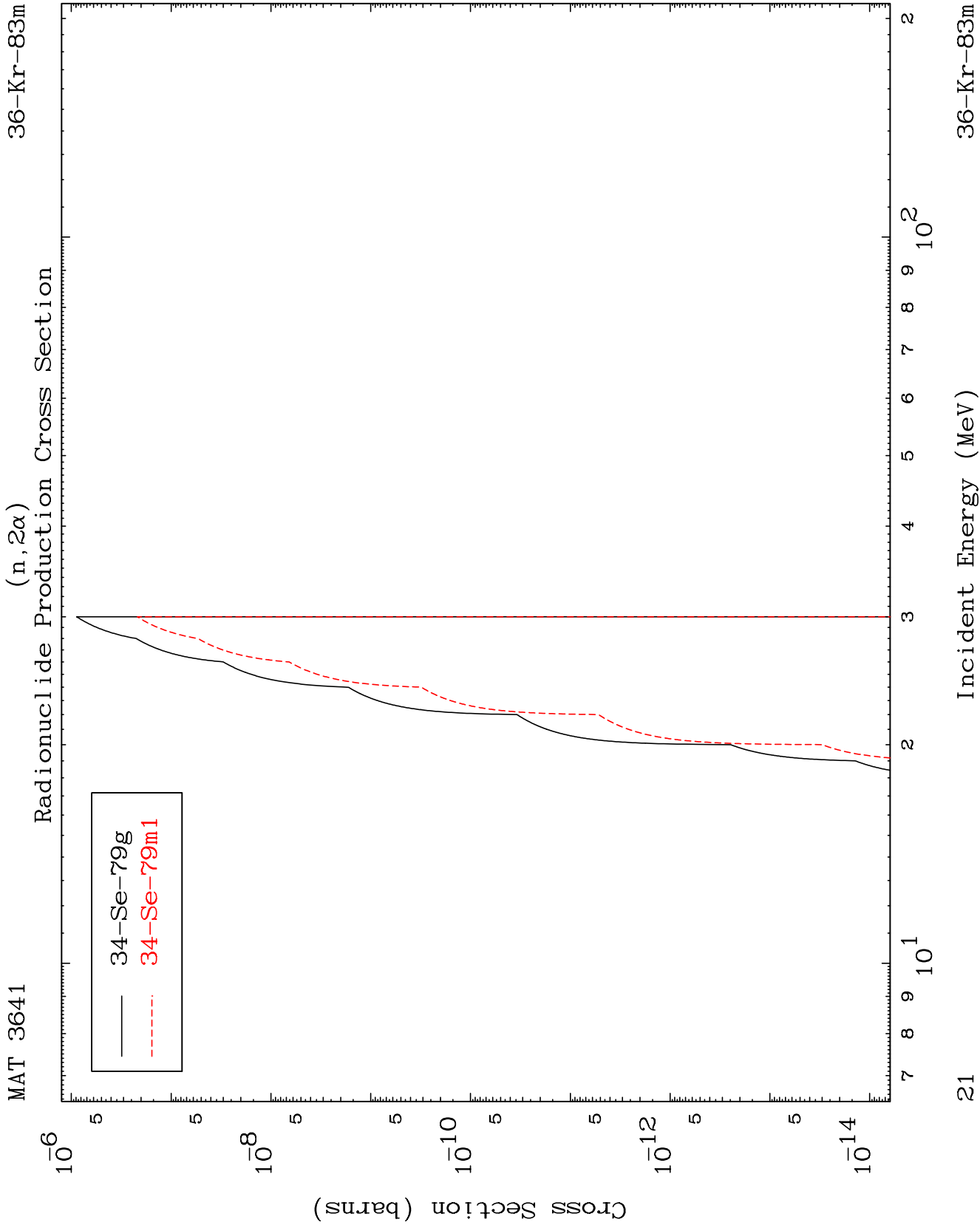
Radionuclide Production Cross Section
(n, α)

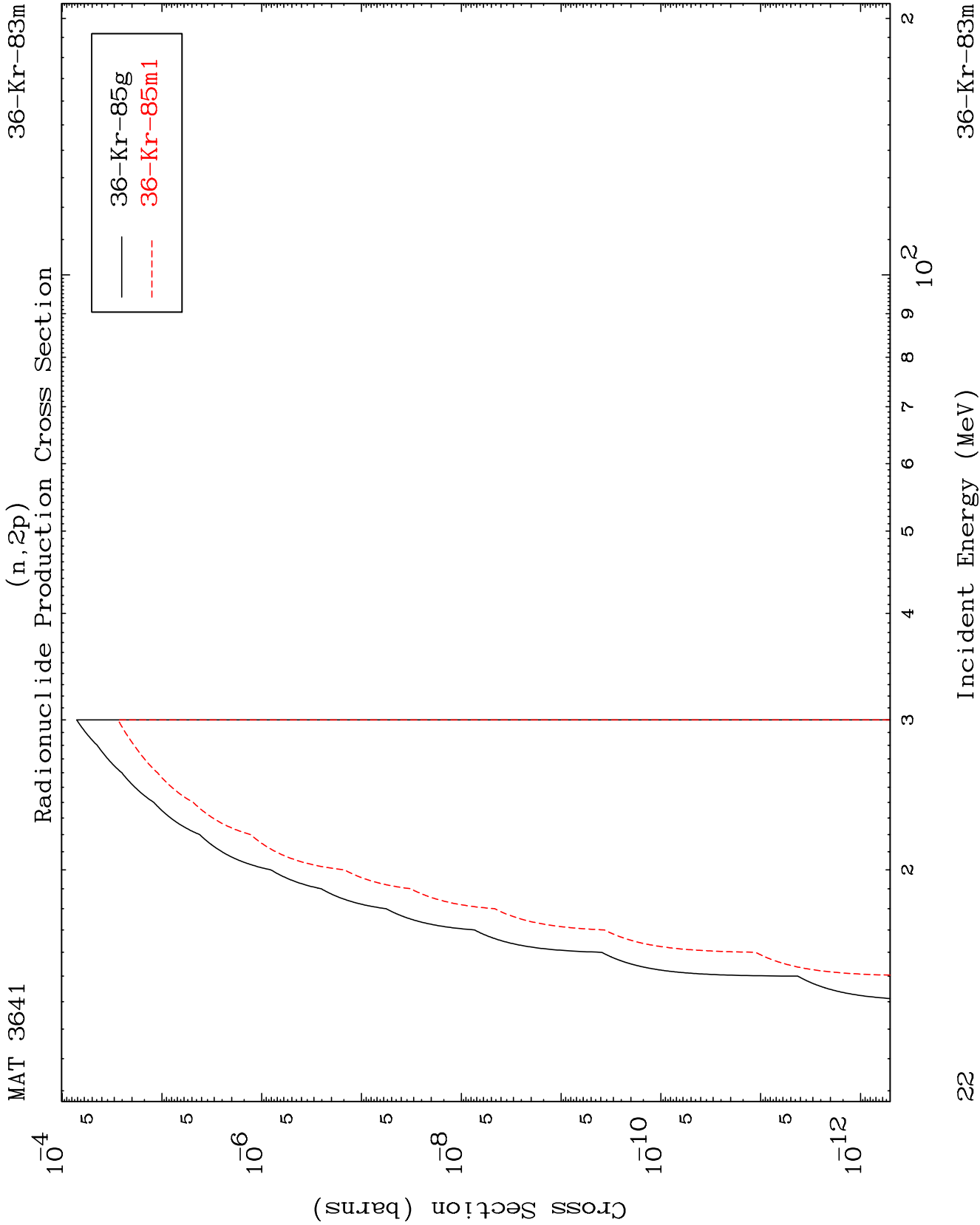


20

Incident Energy (MeV)

36-Kr-83m

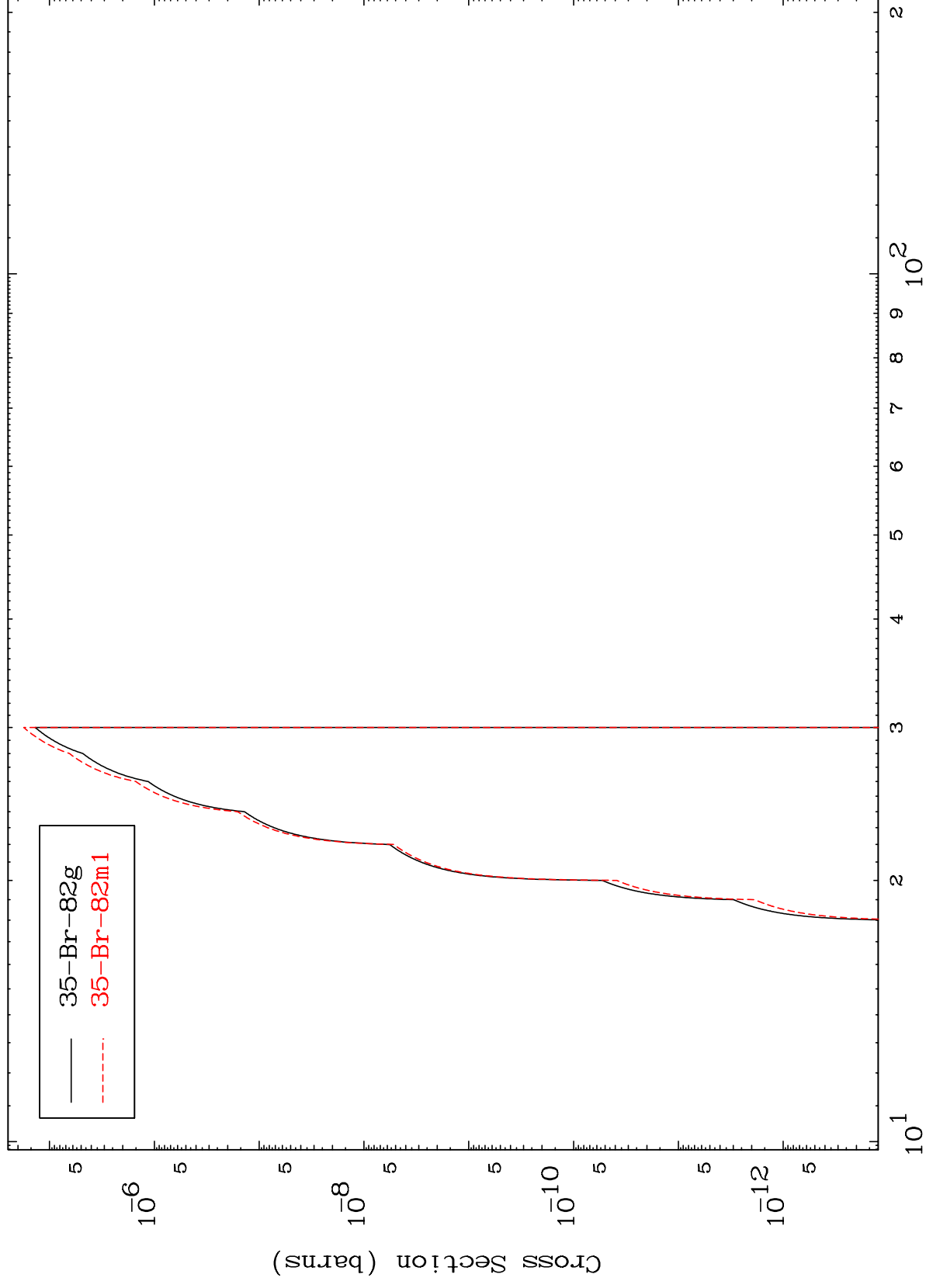




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$^{36}\text{Kr-83m}$

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



$^{36}\text{Kr-83m}$

Incident Energy (MeV)

23

Radionuclide Production Cross Section

