

Program EVALPLOT
(Version 2021-1)

by

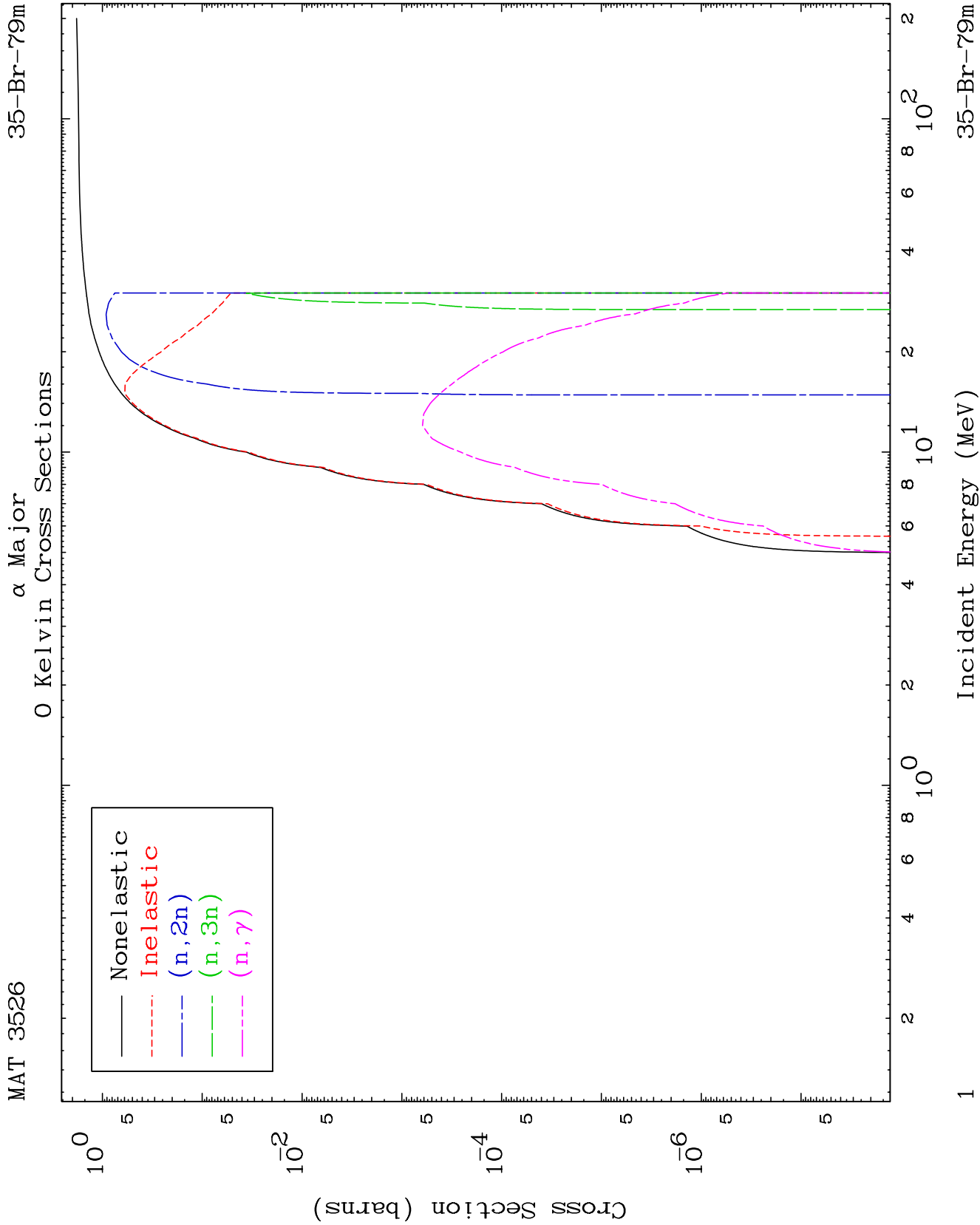
Dermott E. Cullen
(Present Contact Information)

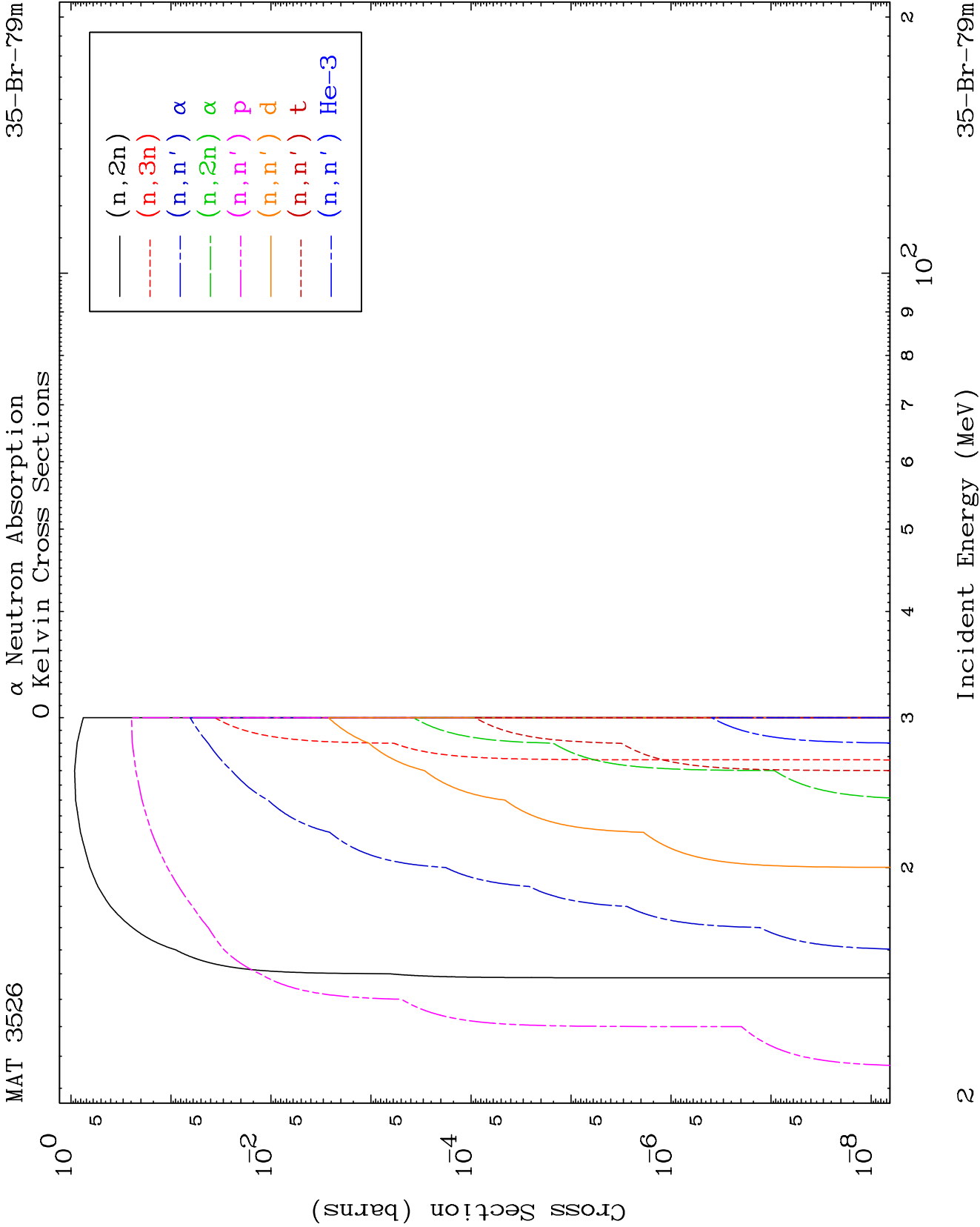
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

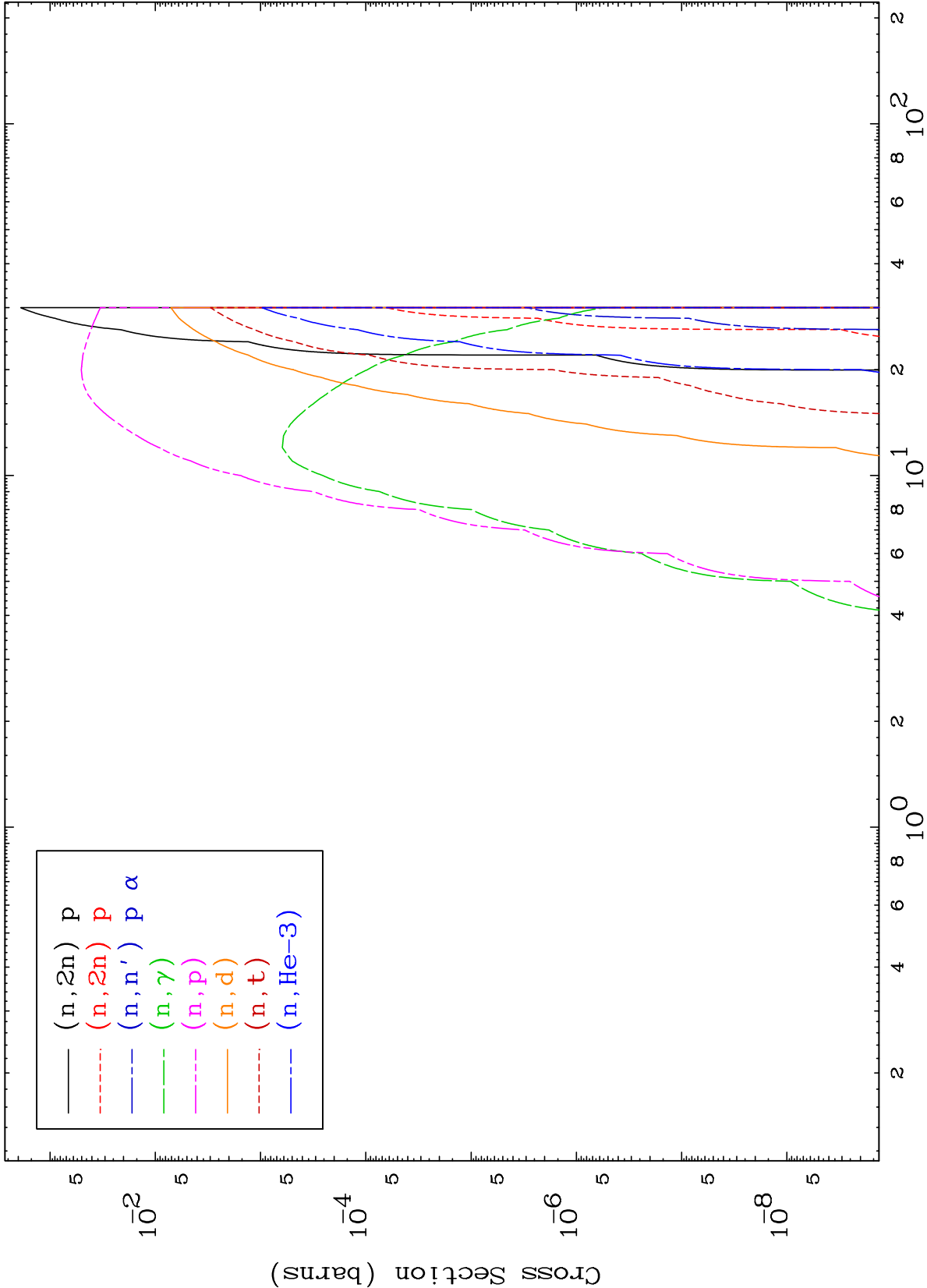
Tele: 925-443-1911

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

Press Mouse Button to Start



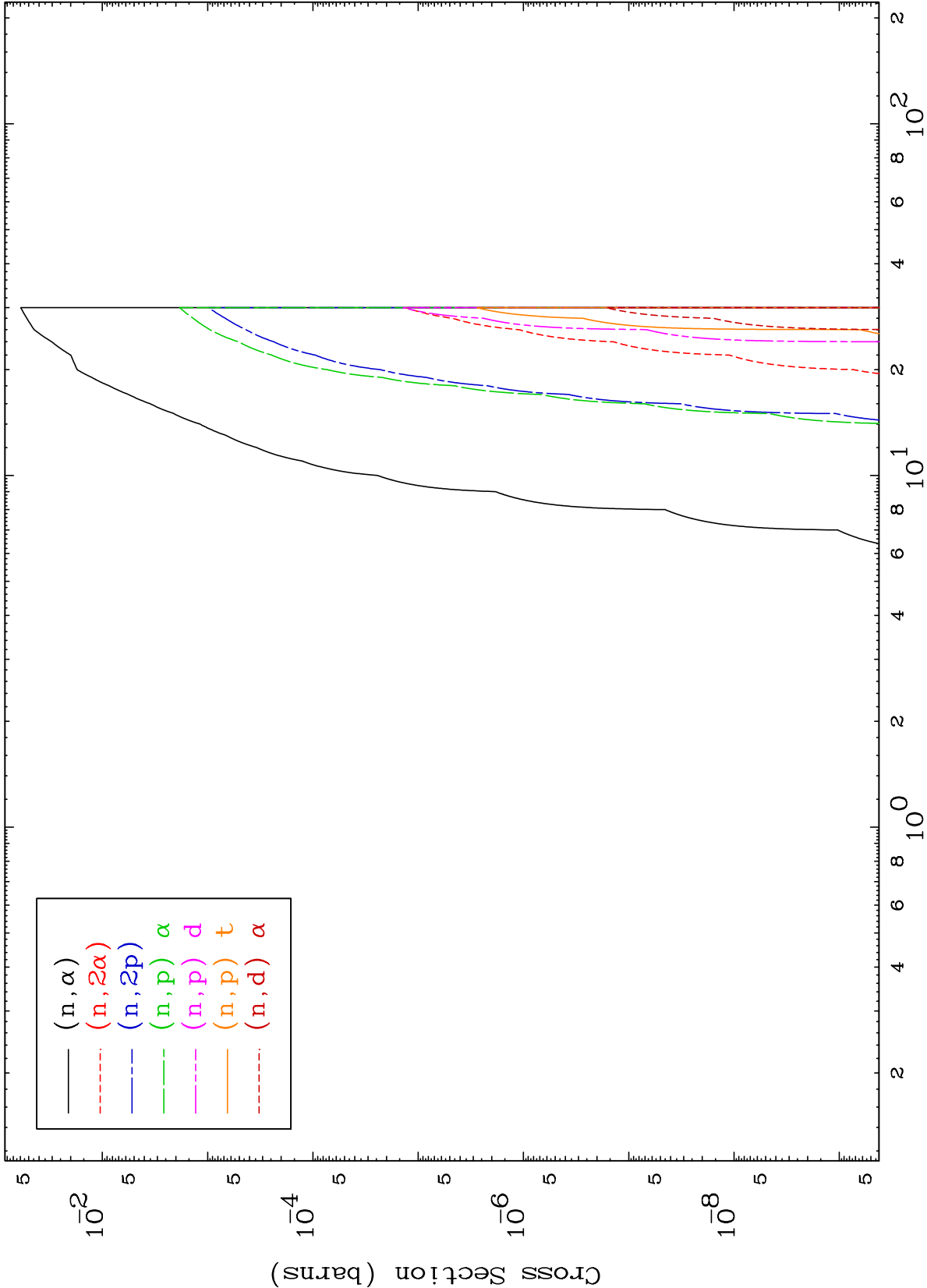




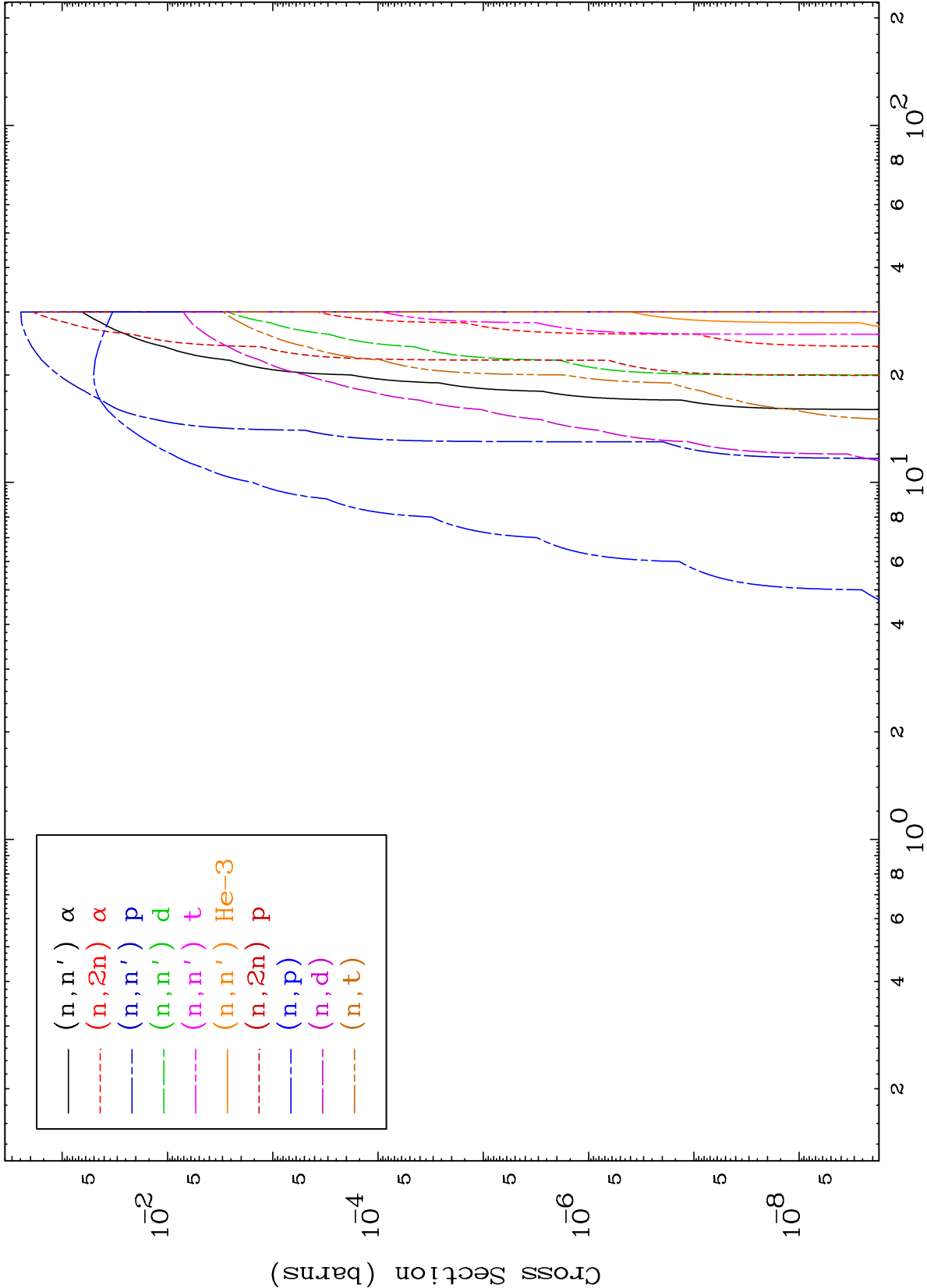
MAT 3526

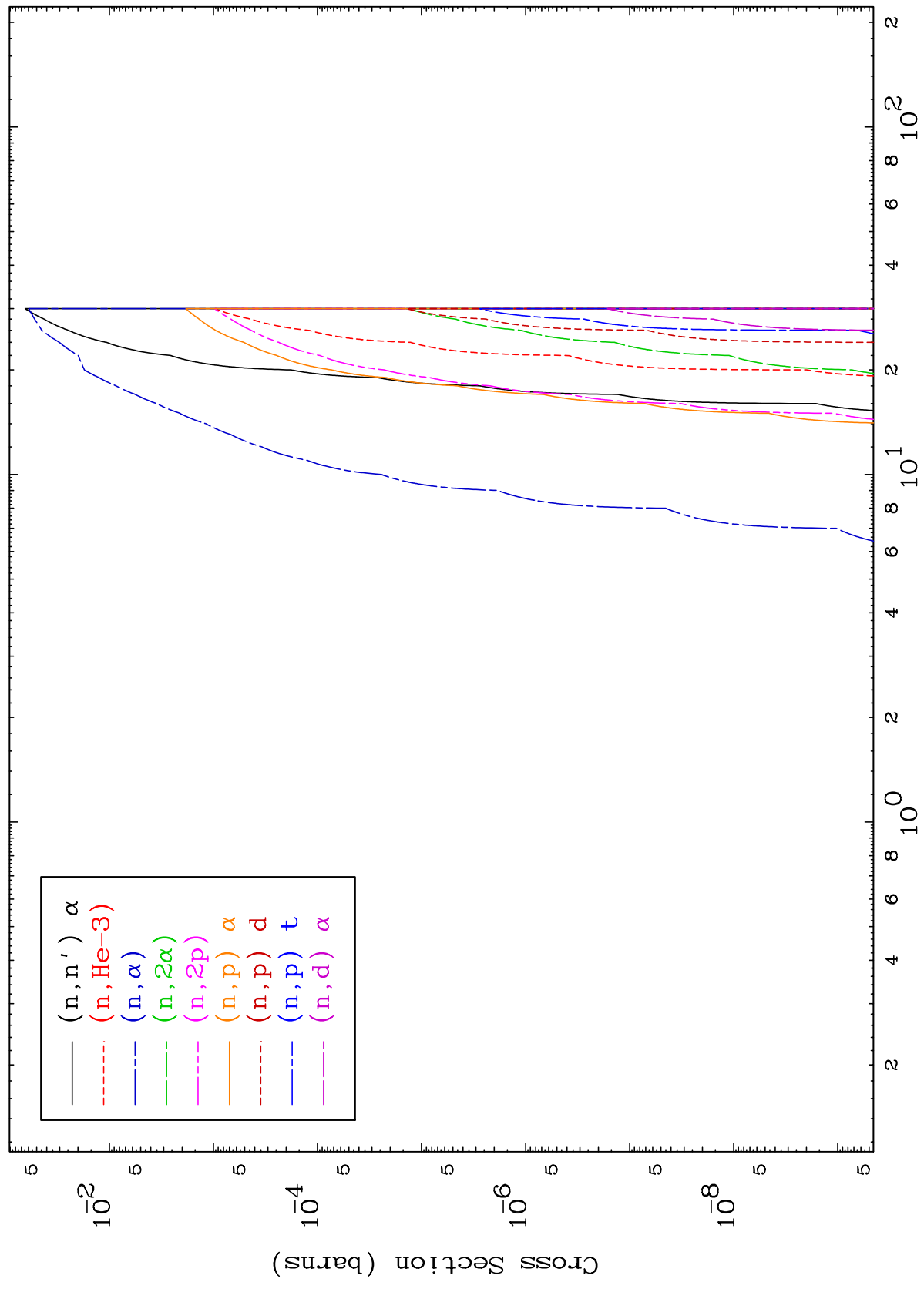
α Neutron Absorption
0 Kelvin Cross Sections

35-Br-79m



0 Kelvin Cross Sections

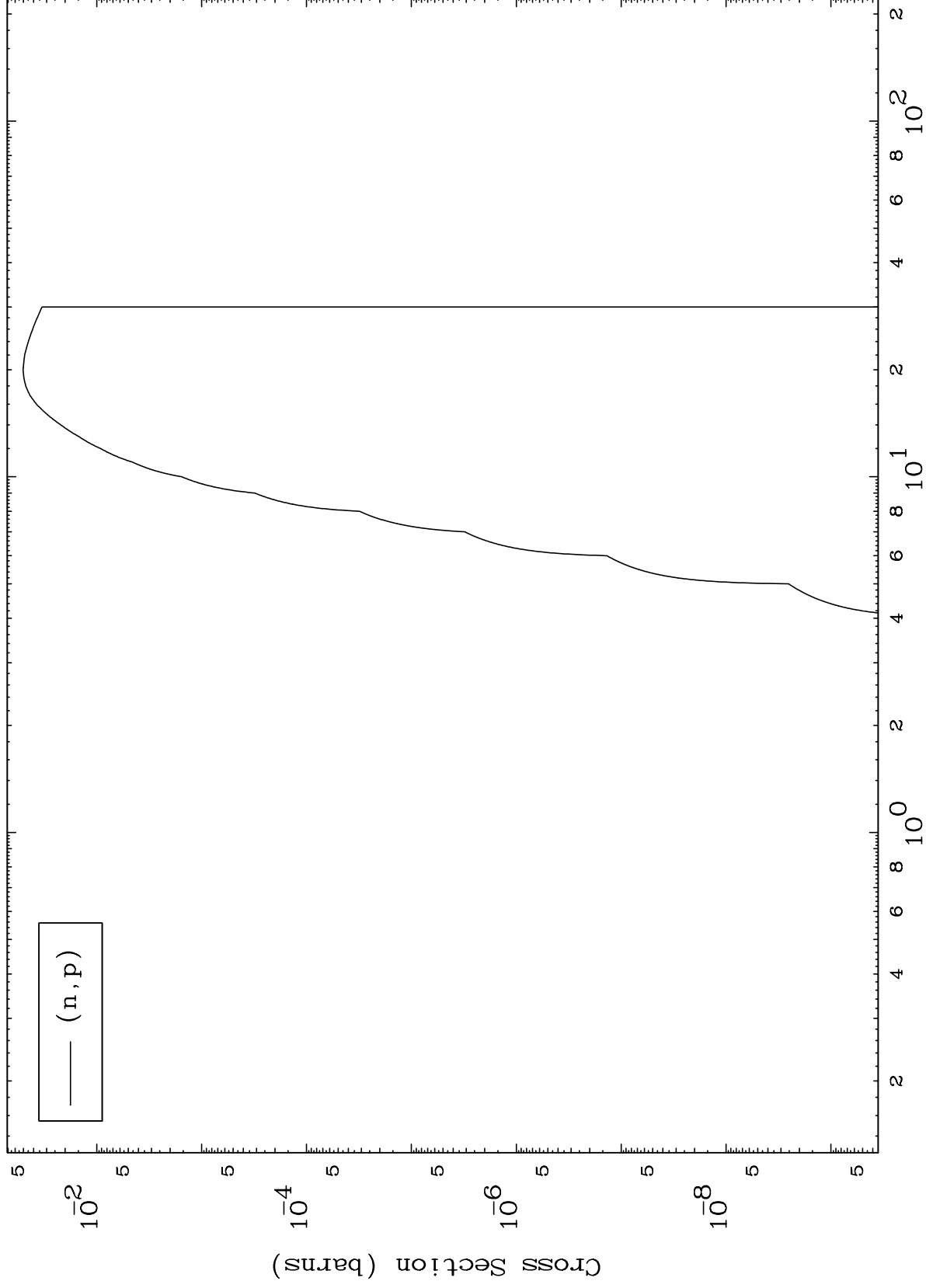




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35-Br-79m

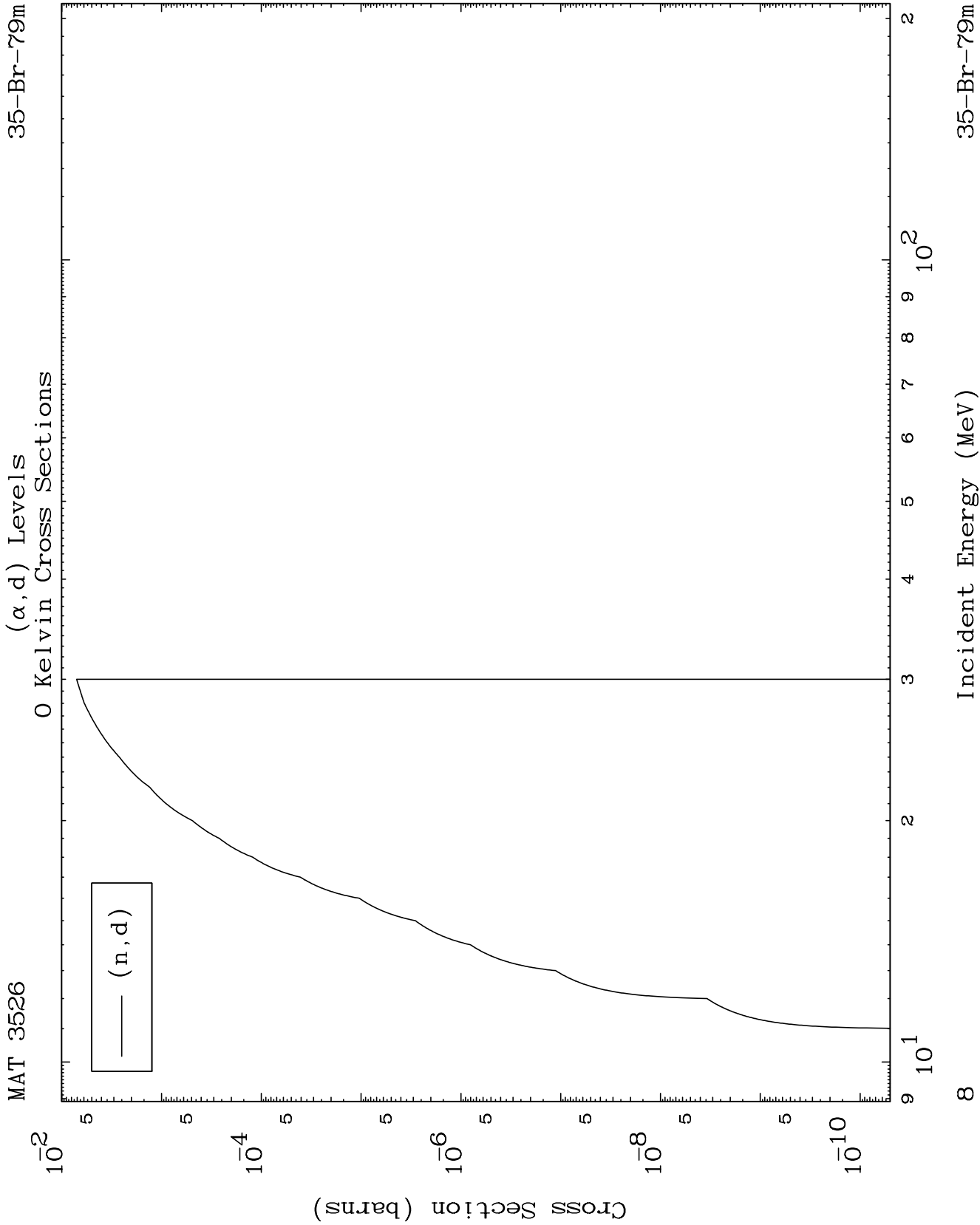
(α, p) Levels
0 Kelvin Cross Sections



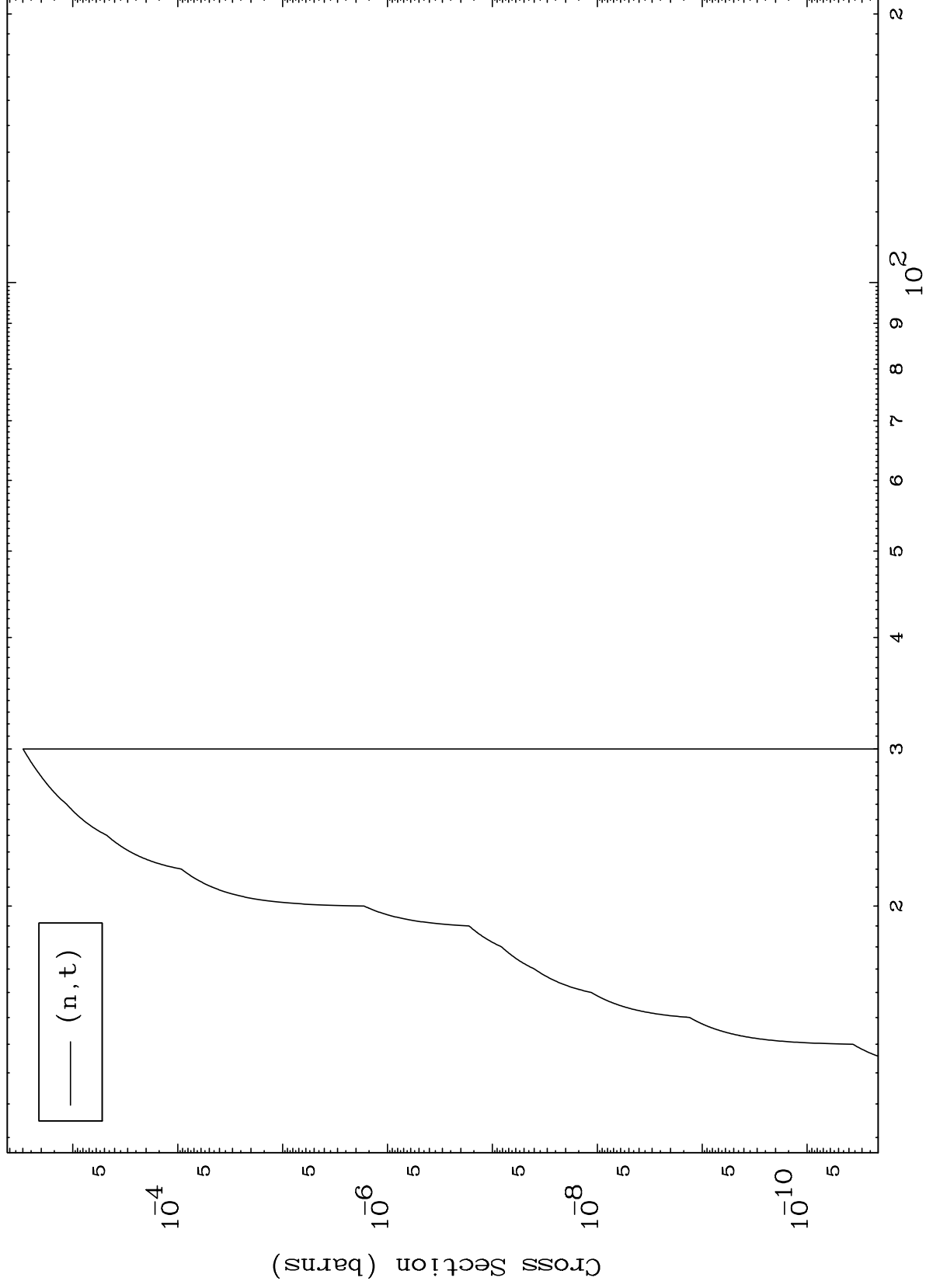
7

Incident Energy (MeV)

35-Br-79m



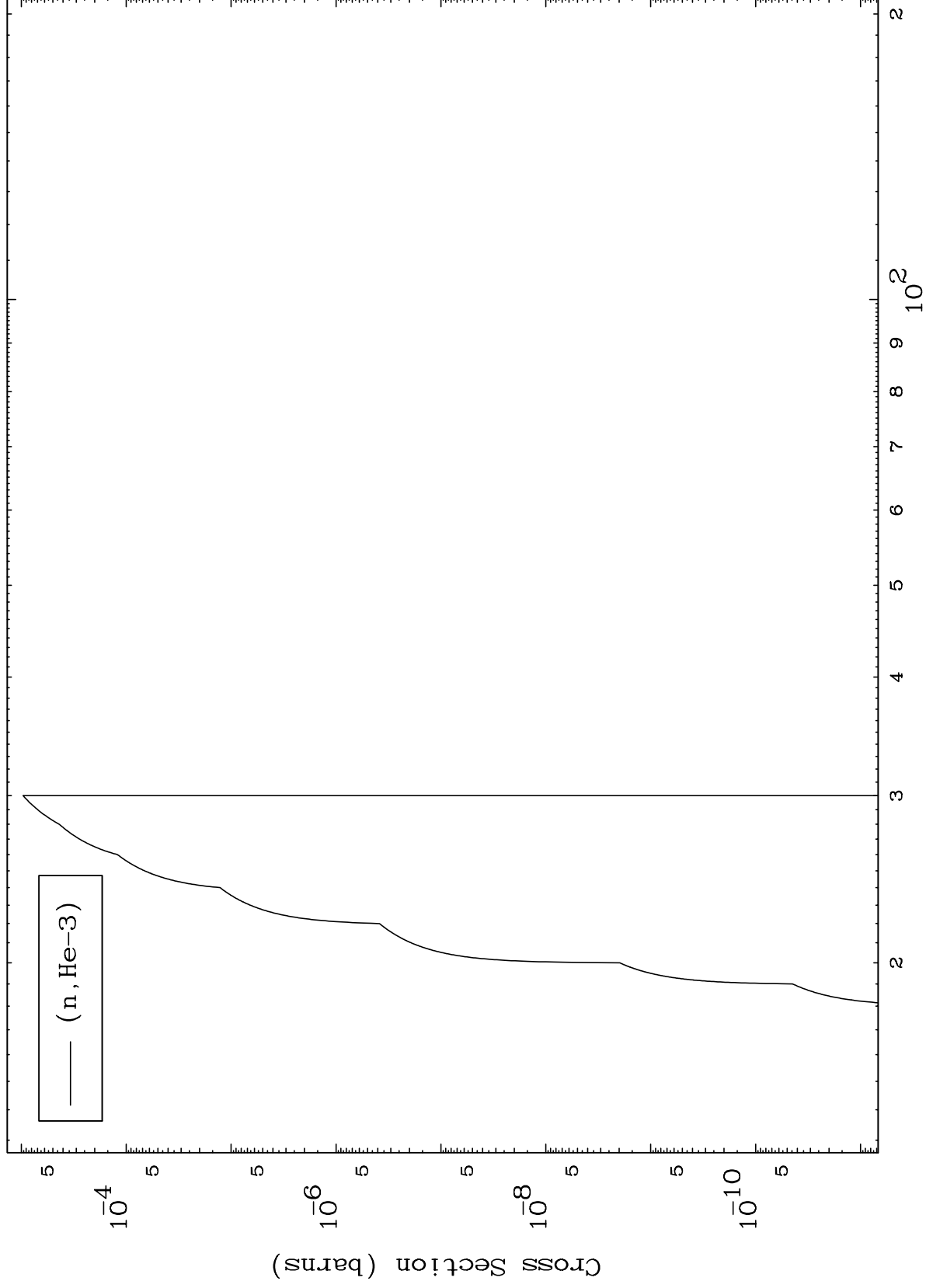
(α, t) Levels
0 Kelvin Cross Sections



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(α ,He3) Levels
0 Kelvin Cross Sections

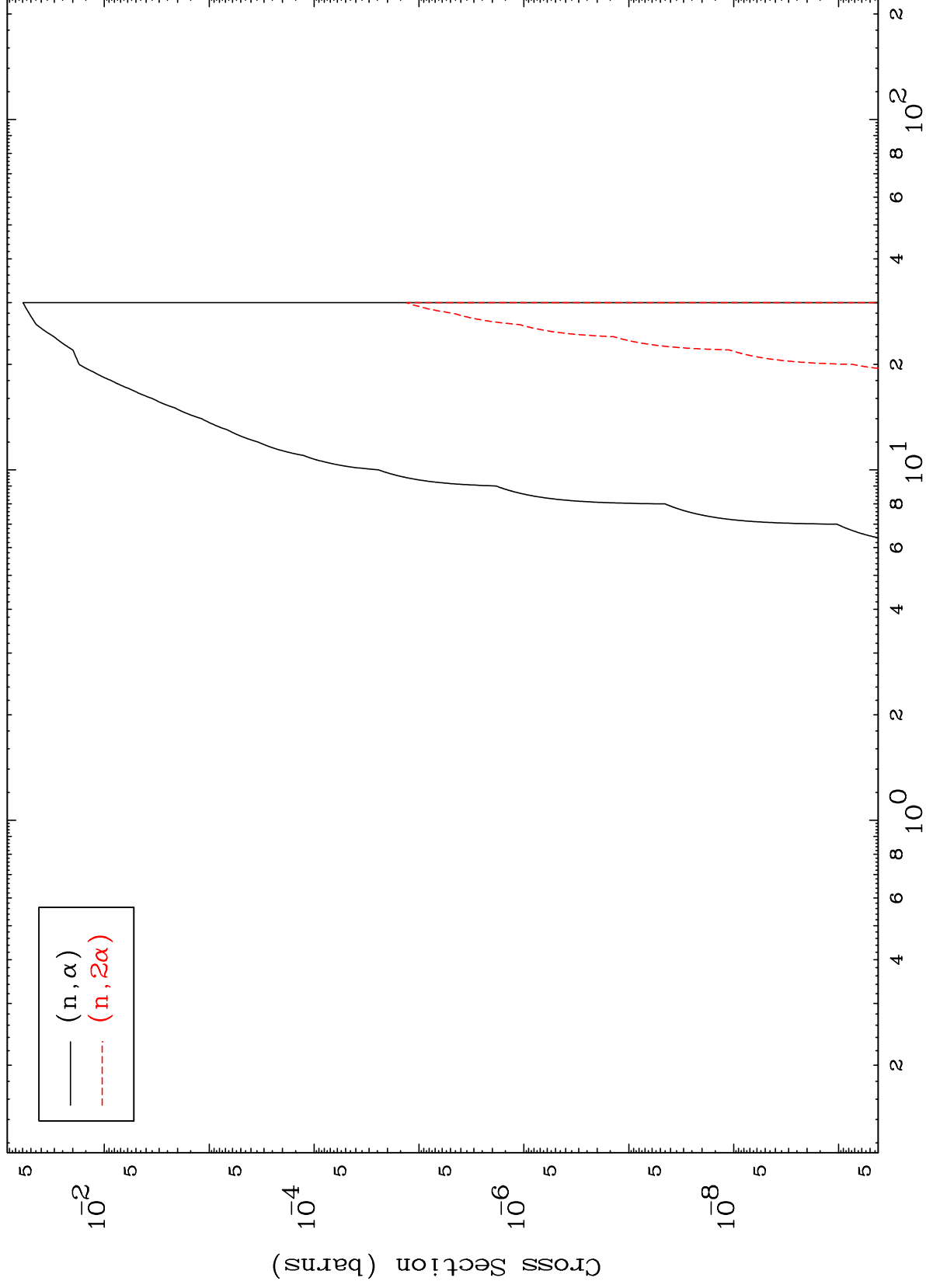
35-Br-79m



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35-Br-79m

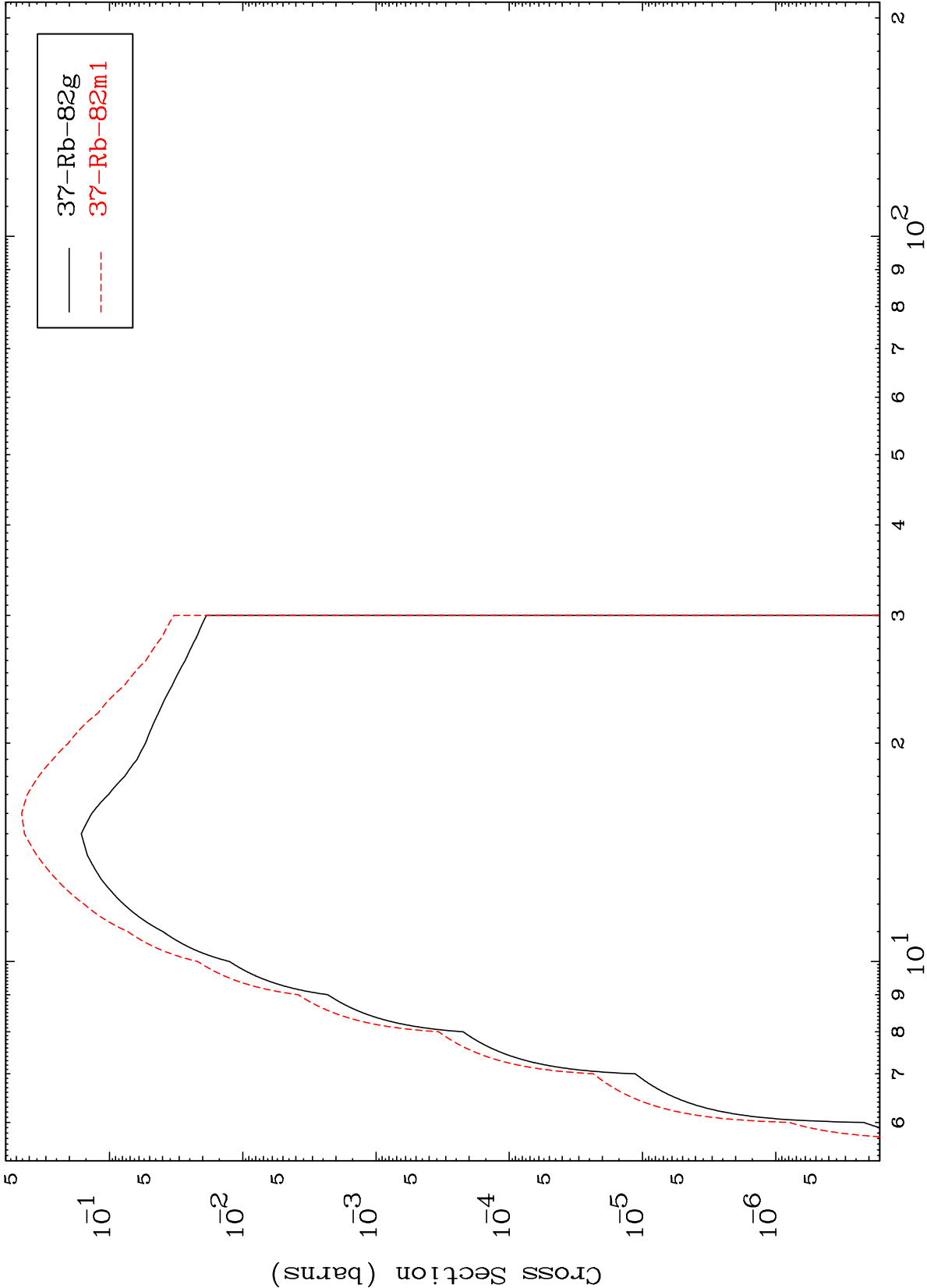
(α, α) Levels
0 Kelvin Cross Sections



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35-Br-79m

Inelastic
Radionuclide Production Cross Section



35-Br-79m

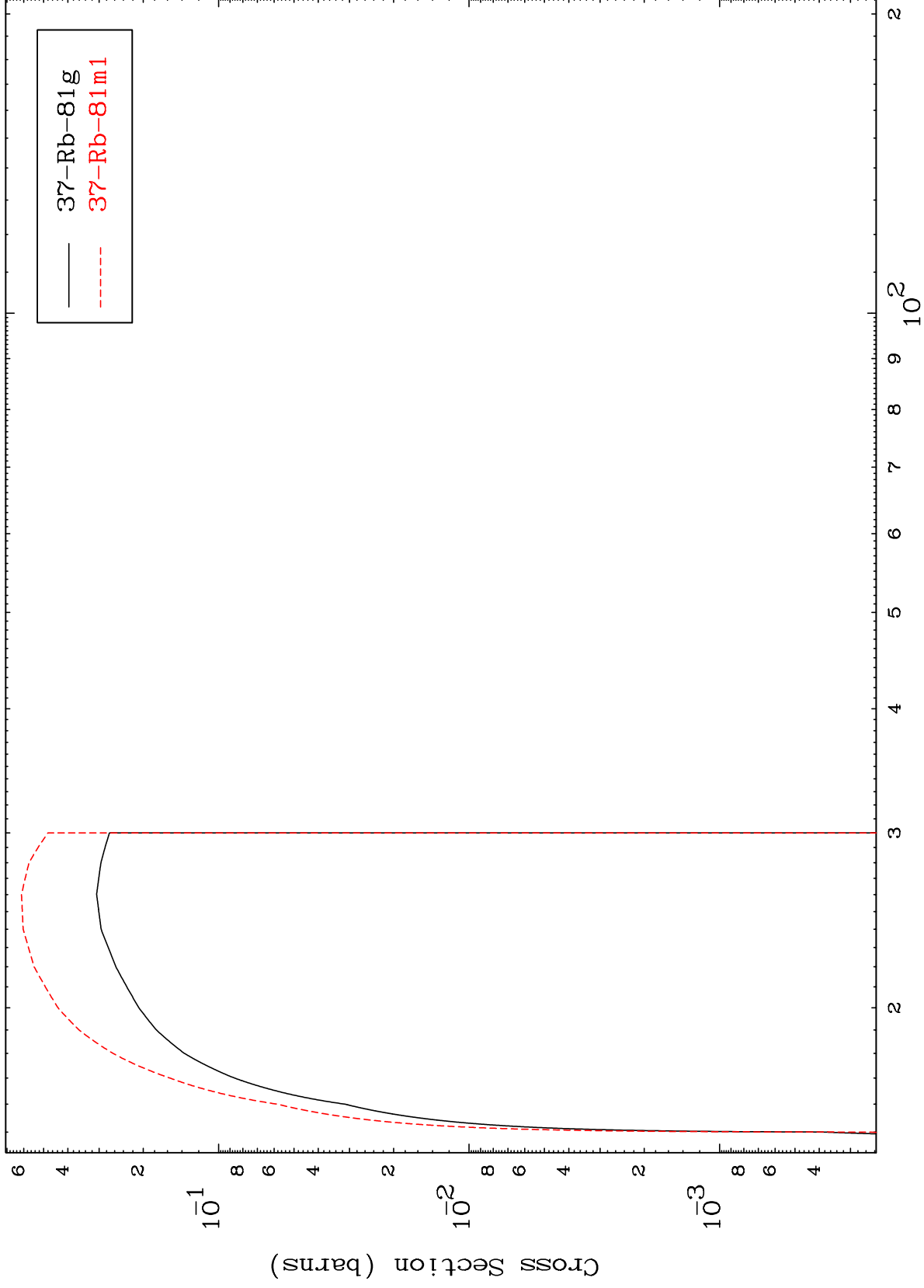
Incident Energy (MeV)

12

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35-Br-79m

(n,2n)
Radionuclide Production Cross Section



13

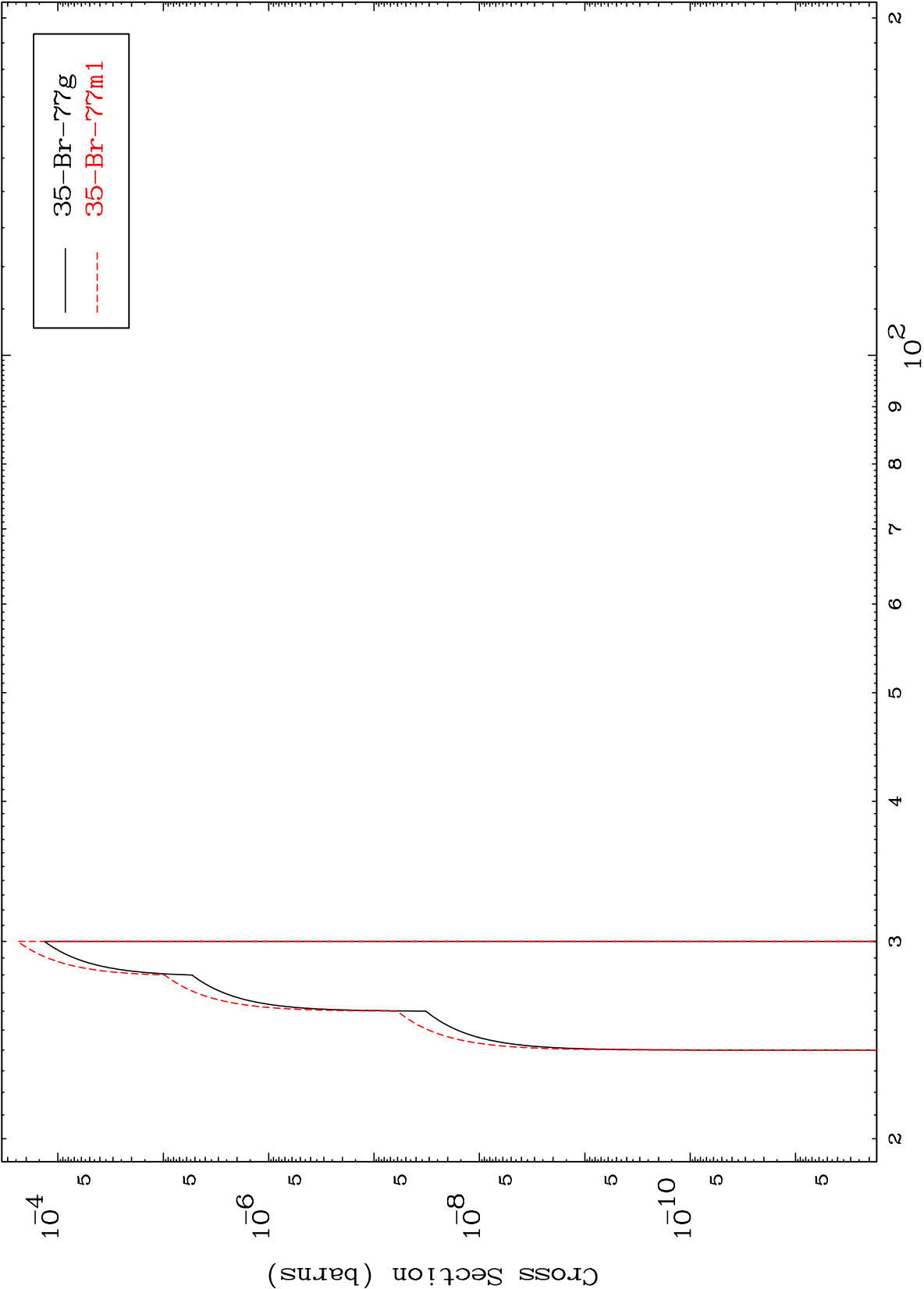
Incident Energy (MeV)

35-Br-79m

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35-Br-79m

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



35-Br-79m

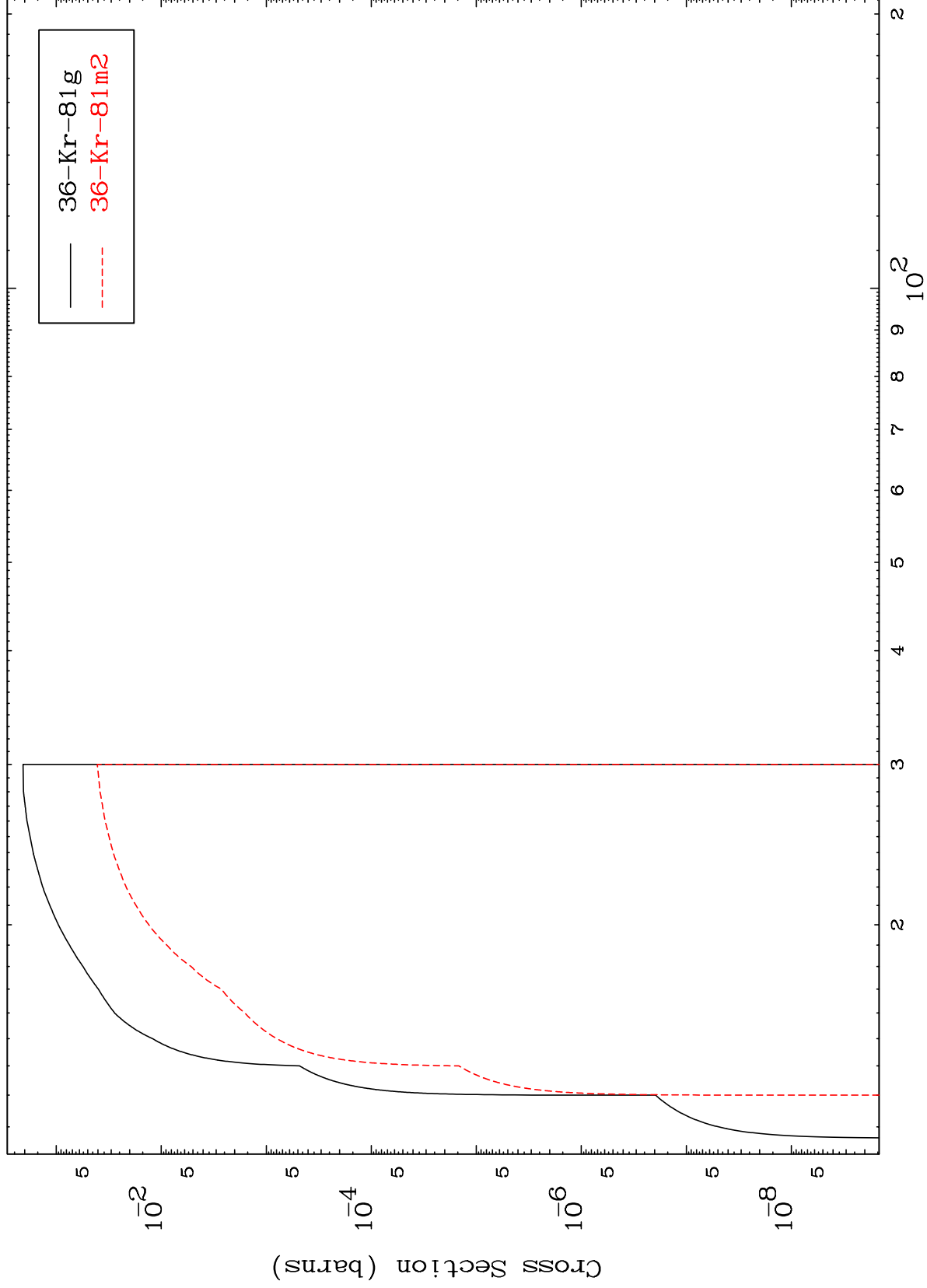
Incident Energy (MeV)

14

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35-Br-79m

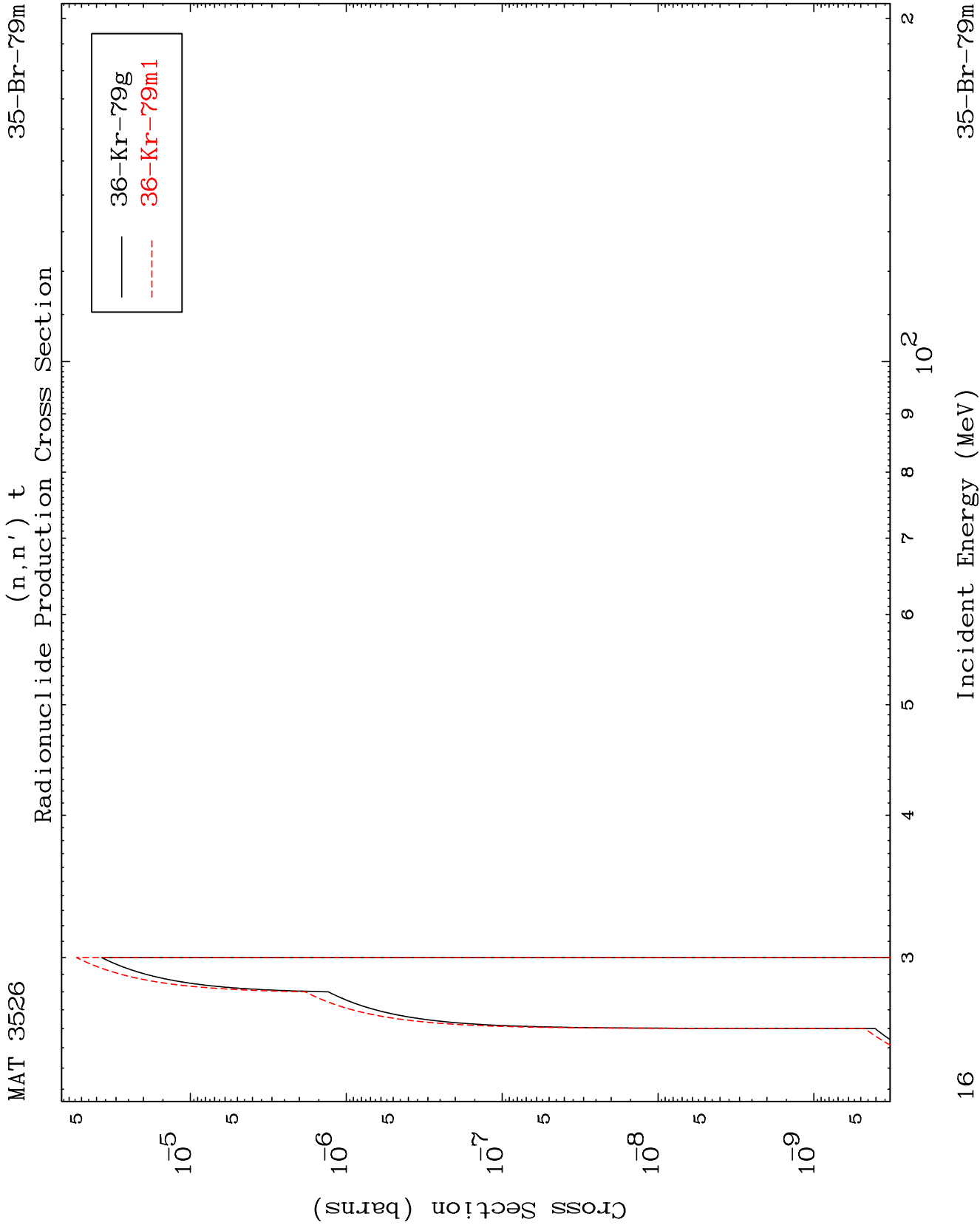
(n,n') p
Radionuclide Production Cross Section



35-Br-79m

Incident Energy (MeV)

15

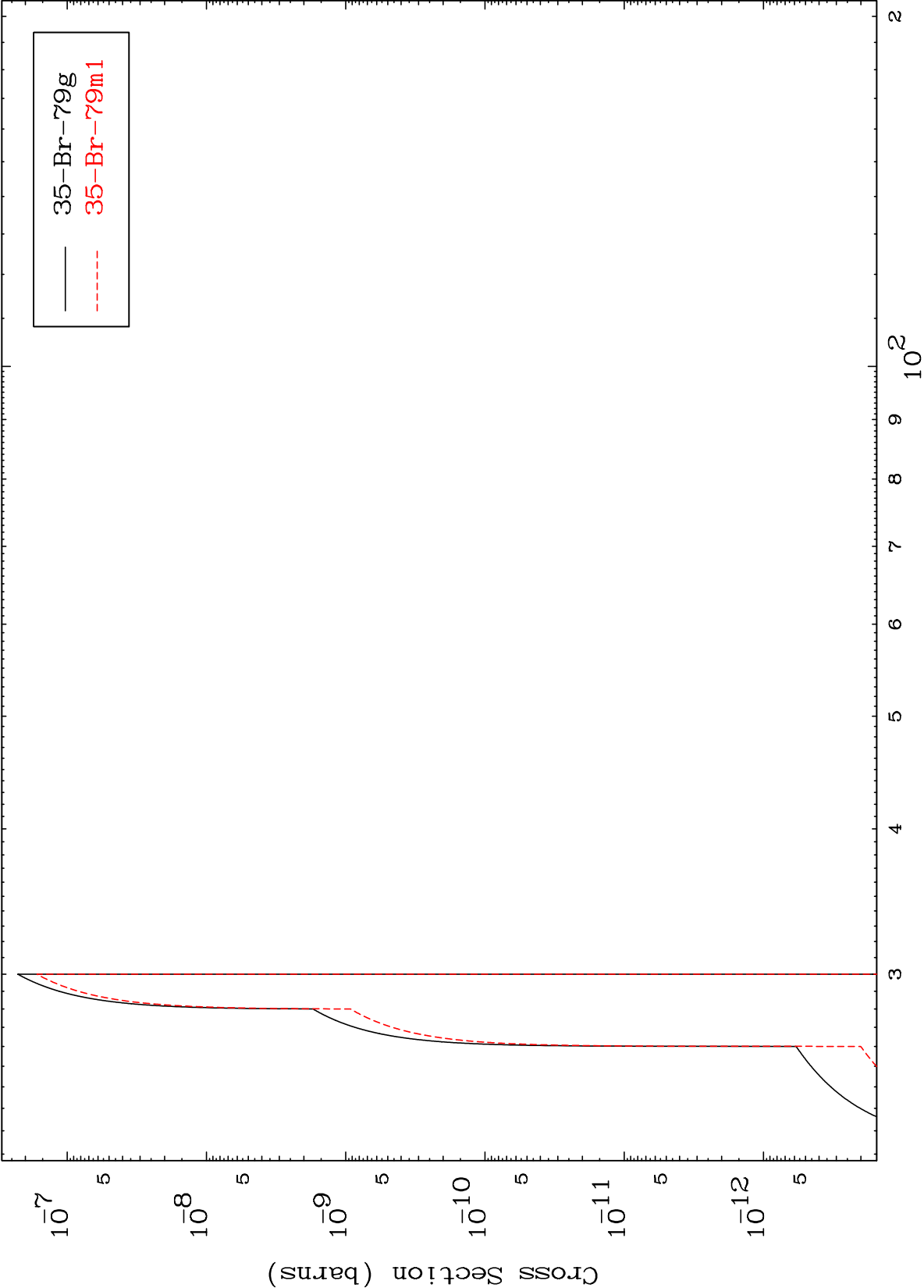


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(n,n') He-3

35-Br-79m

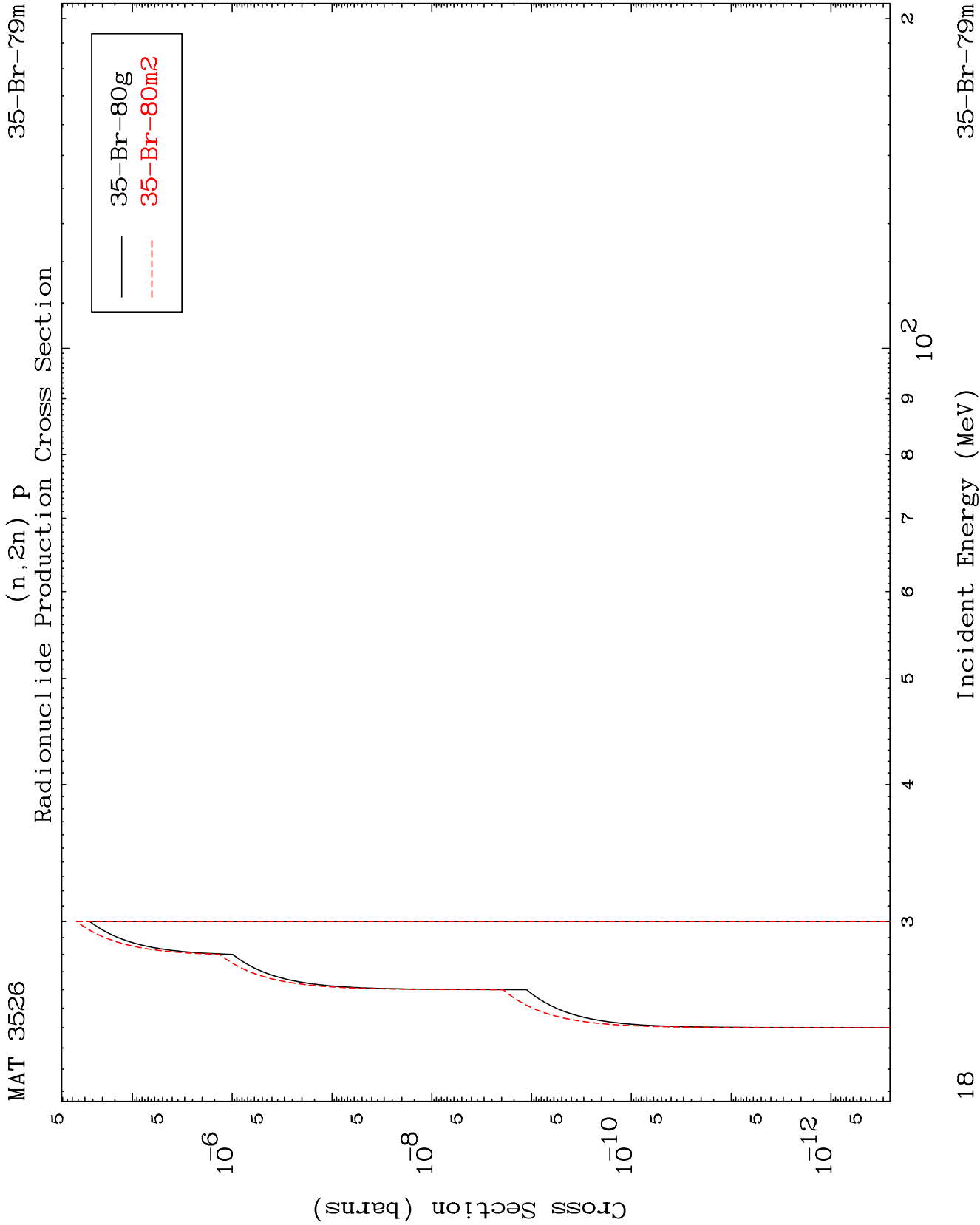
Radionuclide Production Cross Section



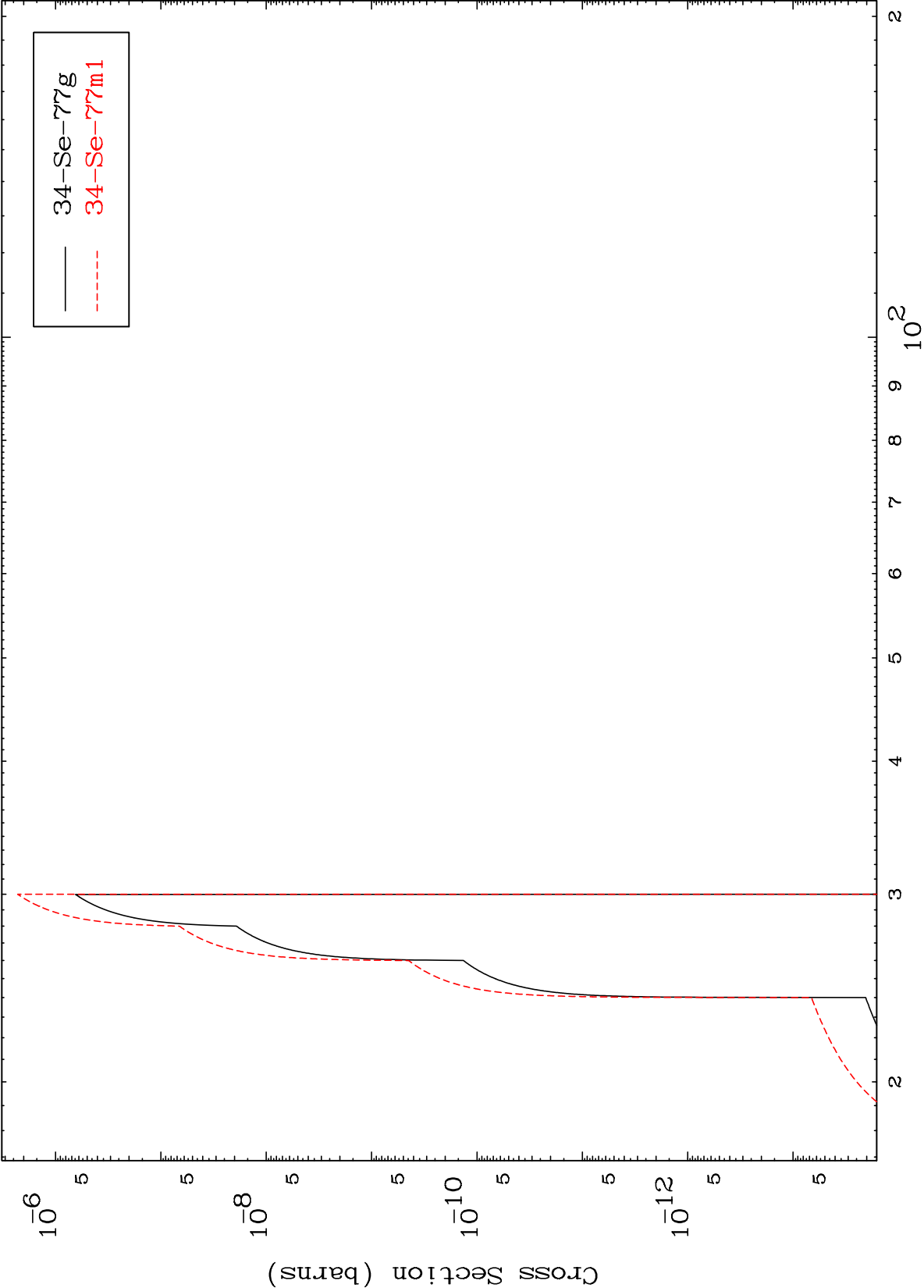
17

Incident Energy (MeV)

35-Br-79m



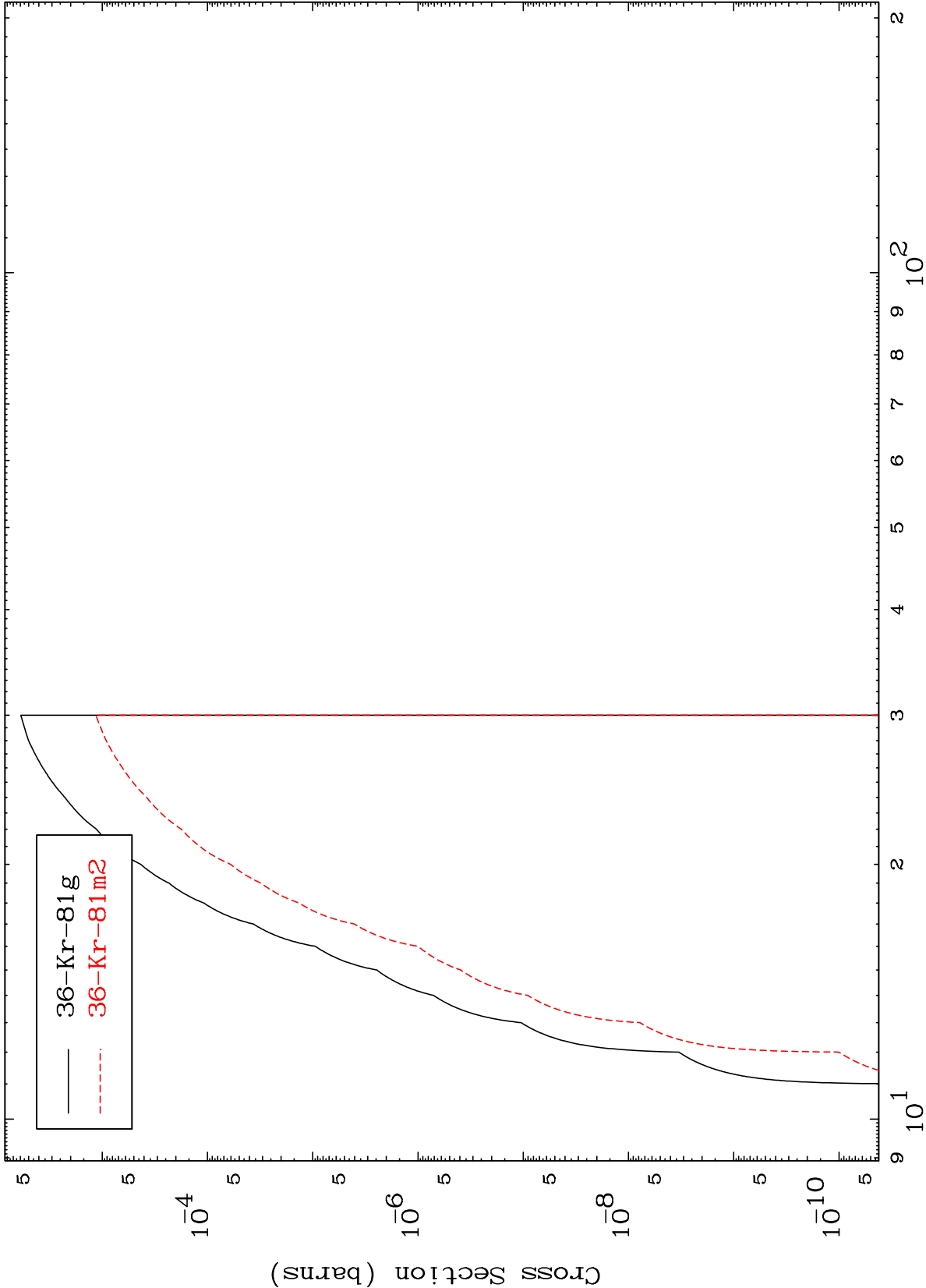
(n,n') p α
Radionuclide Production Cross Section



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35-Br-79m

Radionuclide Production Cross Section
(n,d)



35-Br-79m

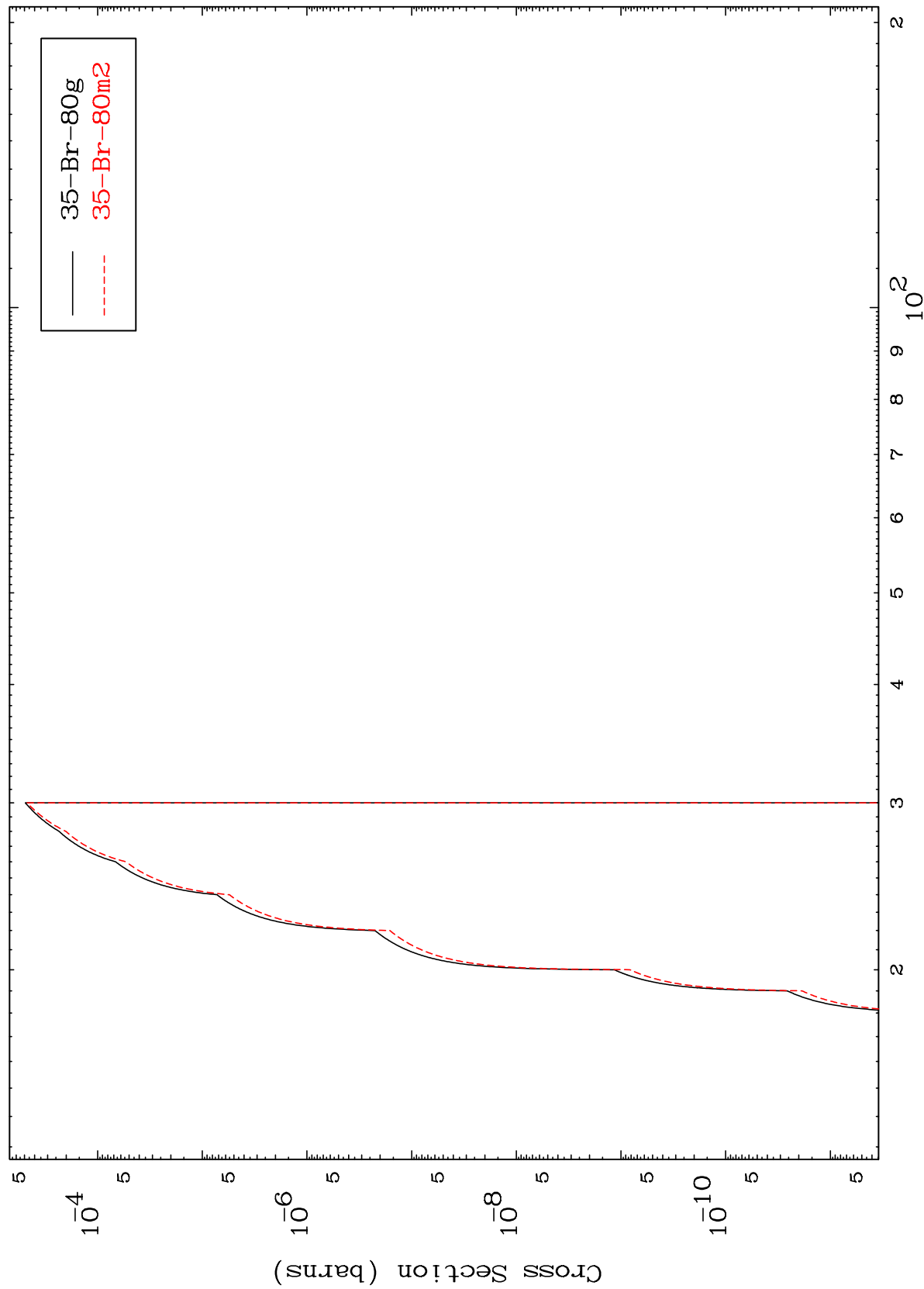
Incident Energy (MeV)

20

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35-Br-79m

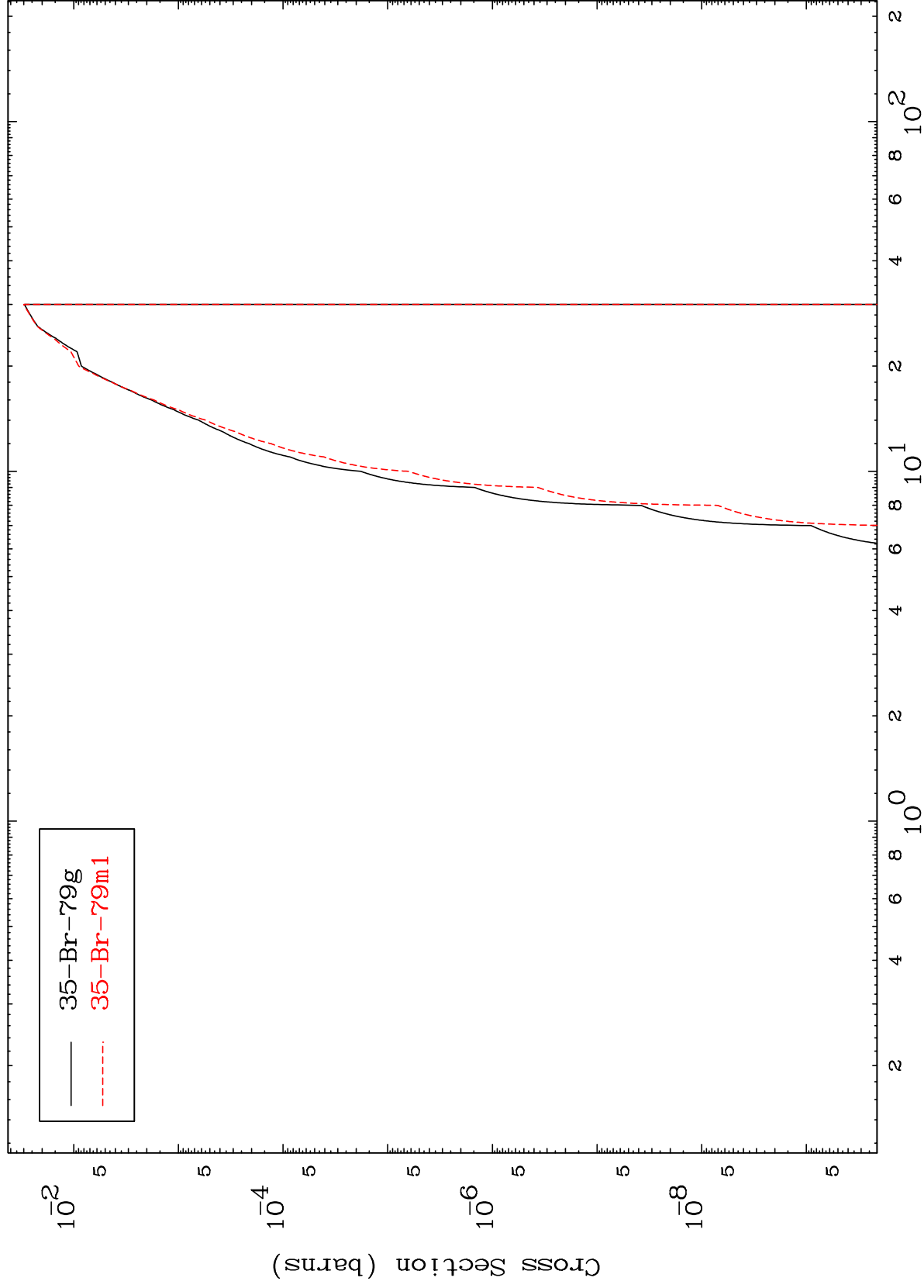
(n,He-3)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

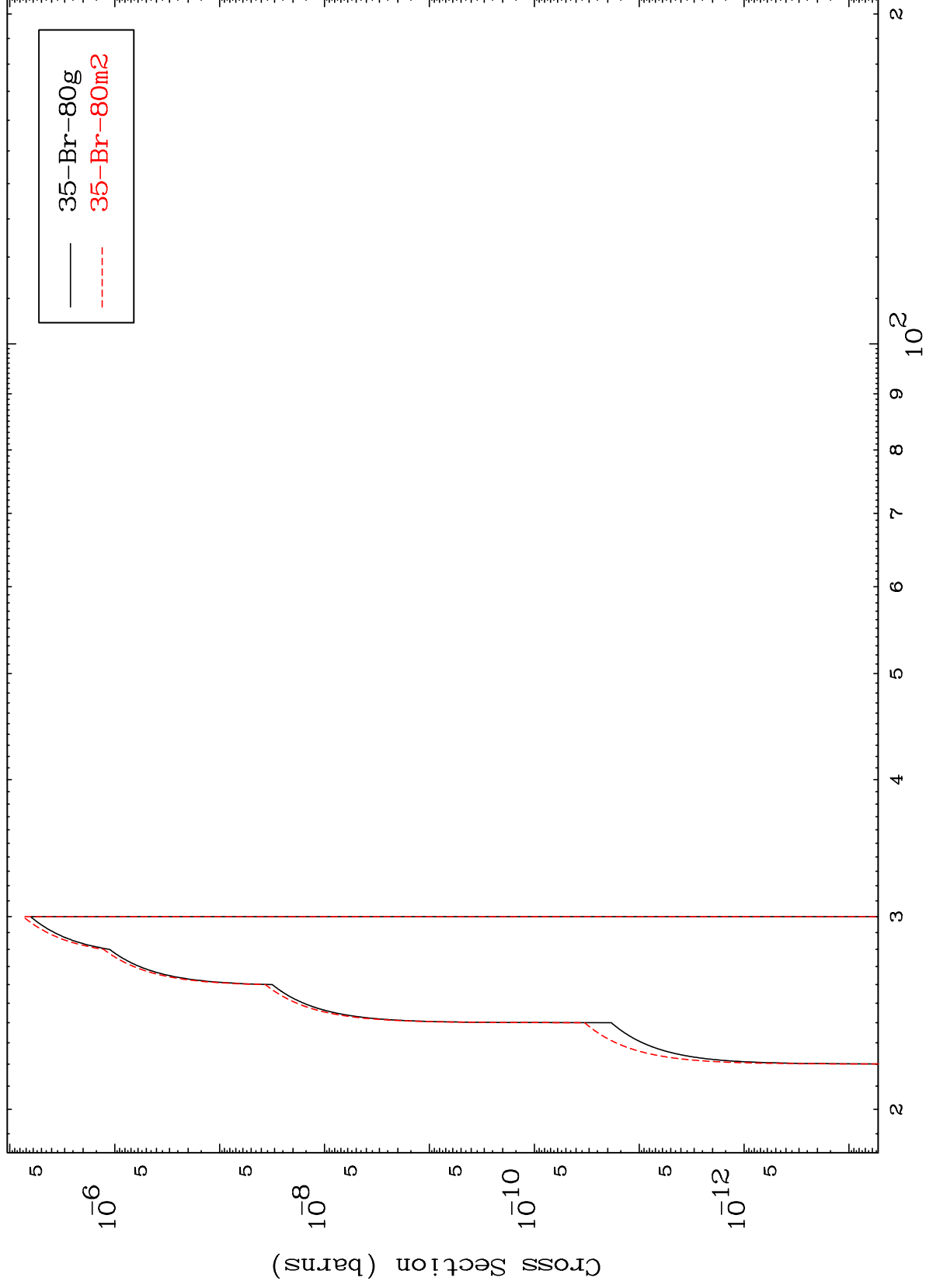
35-Br-79m

Radionuclide Production Cross Section
(n, α)

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$^{35}\text{Br-}^{79}\text{m}$

(n,p) d
Radionuclide Production Cross Section



23

Incident Energy (MeV)

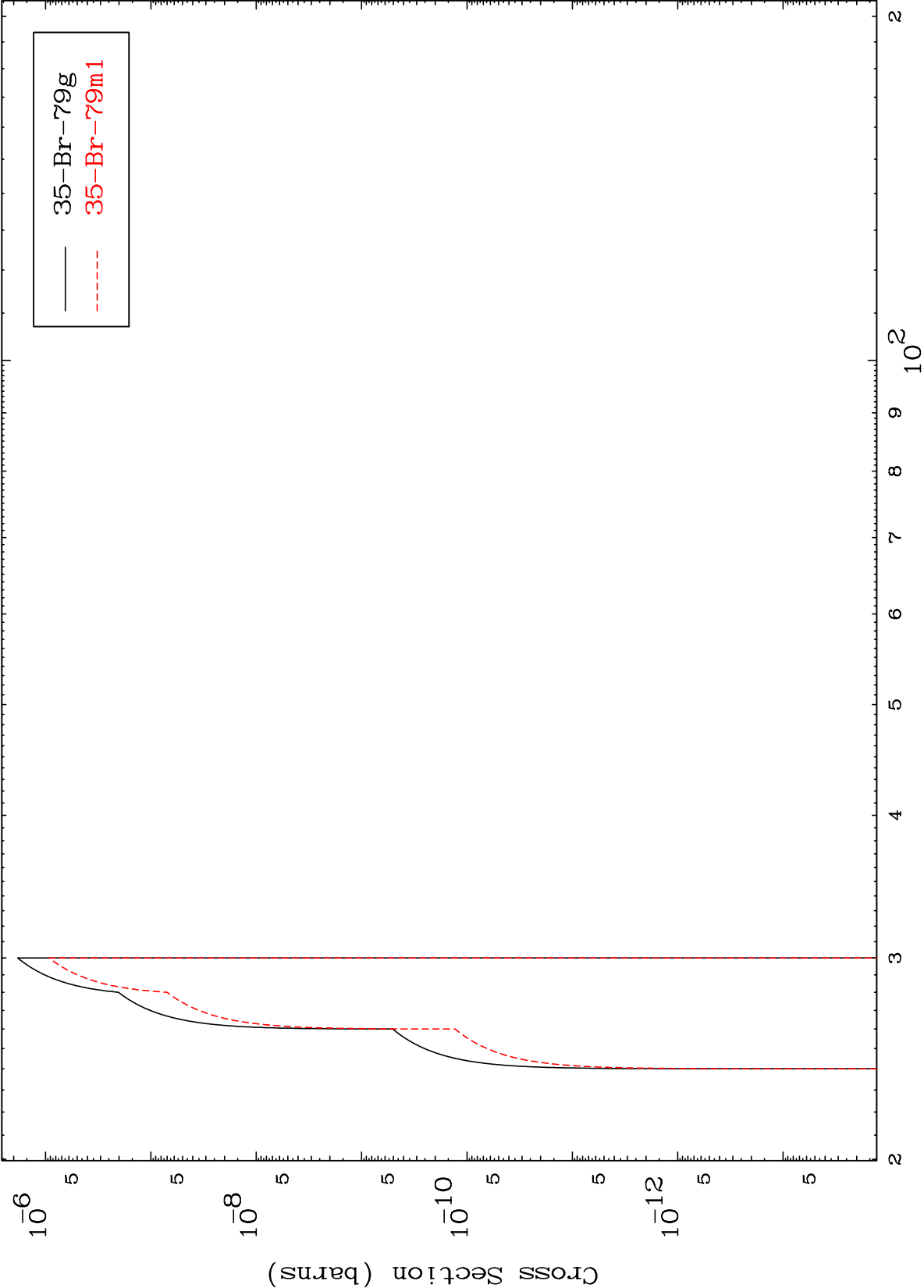
$^{35}\text{Br-}^{79}\text{m}$

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(n,p) t

35-Br-79m

Radionuclide Production Cross Section



Incident Energy (MeV)

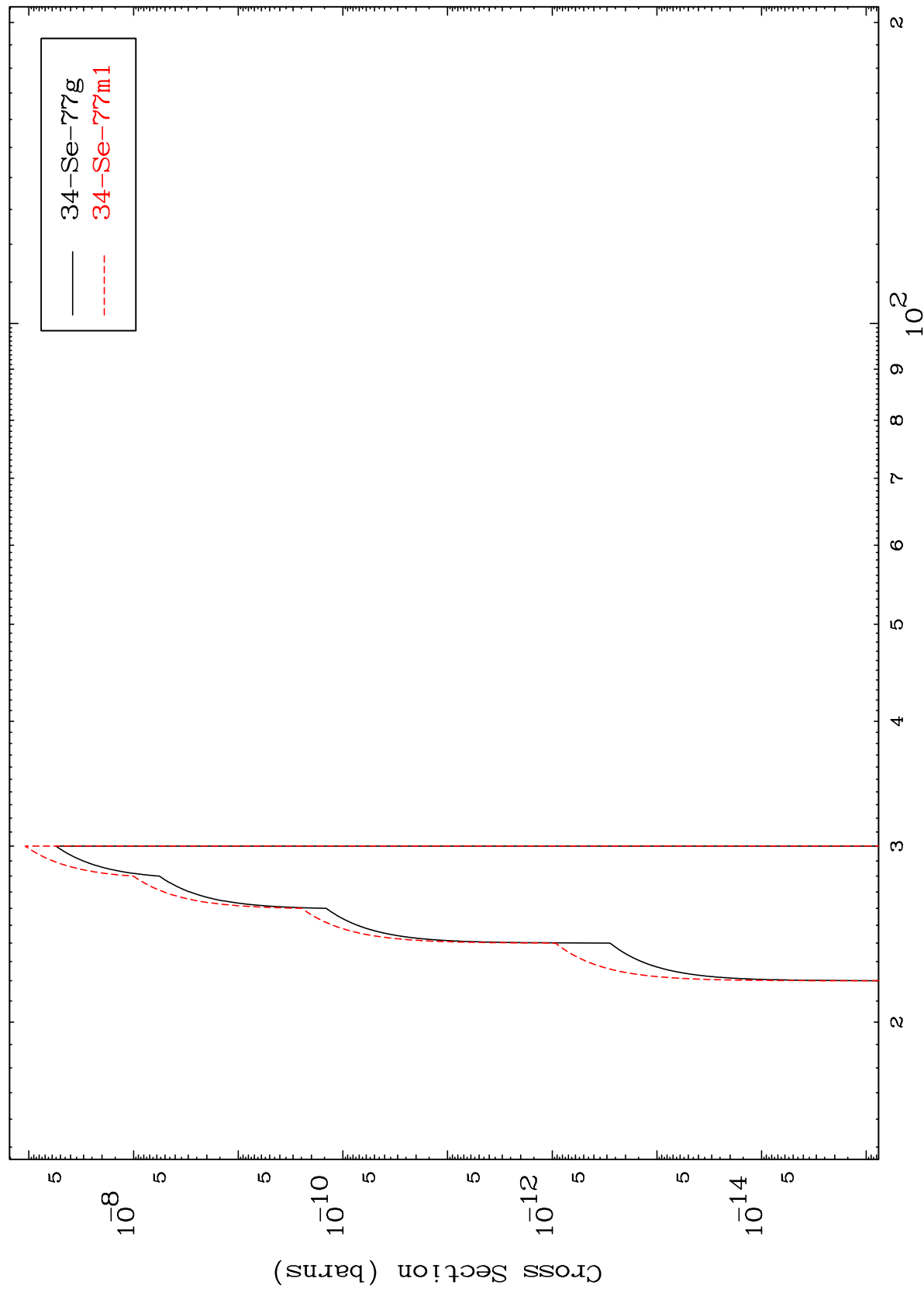
35-Br-79m

24

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35-Br-79m

(n,d) α
Radionuclide Production Cross Section



25

Incident Energy (MeV)

35-Br-79m