

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

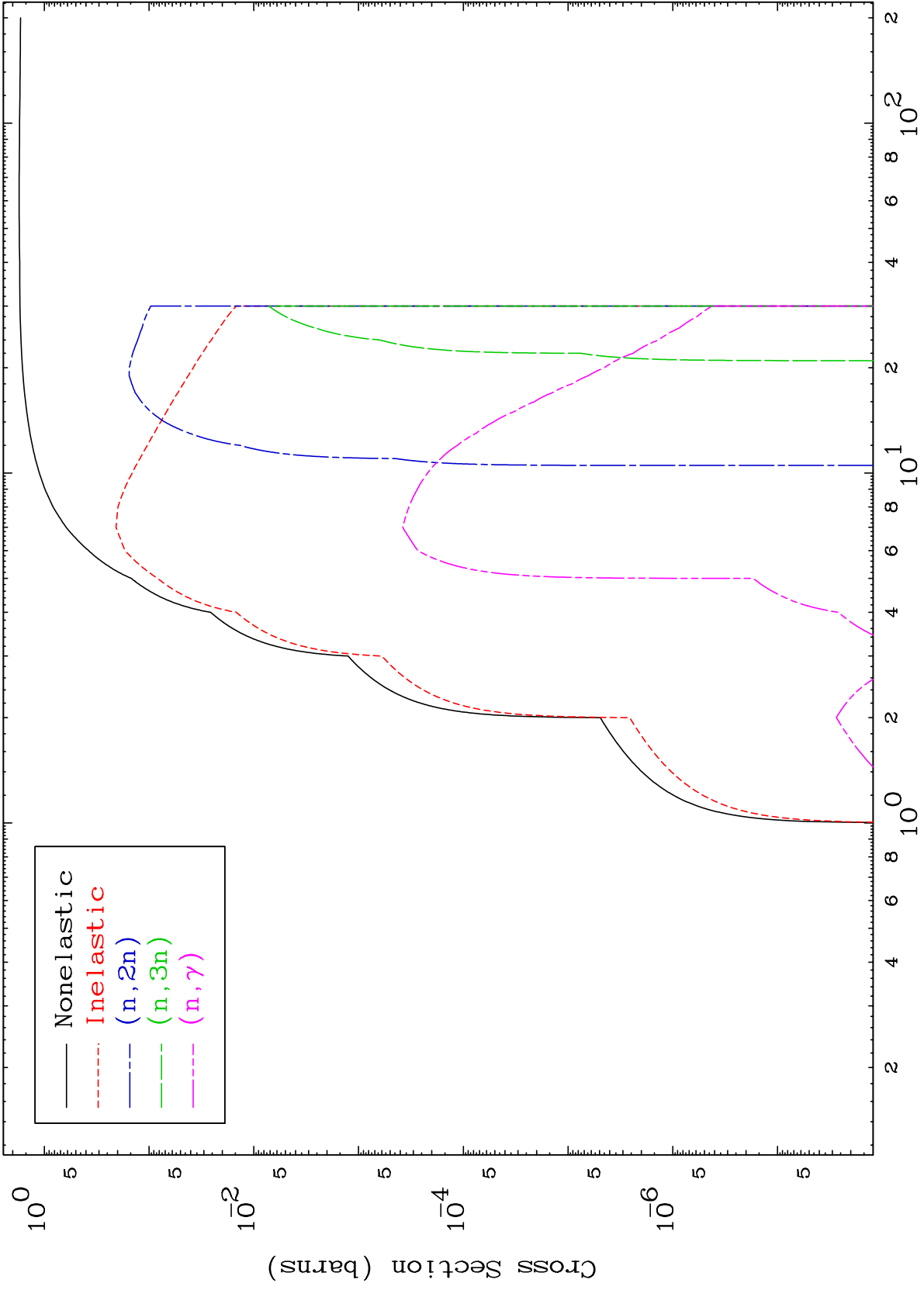
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Livermore, CA 94550
U.S.A.

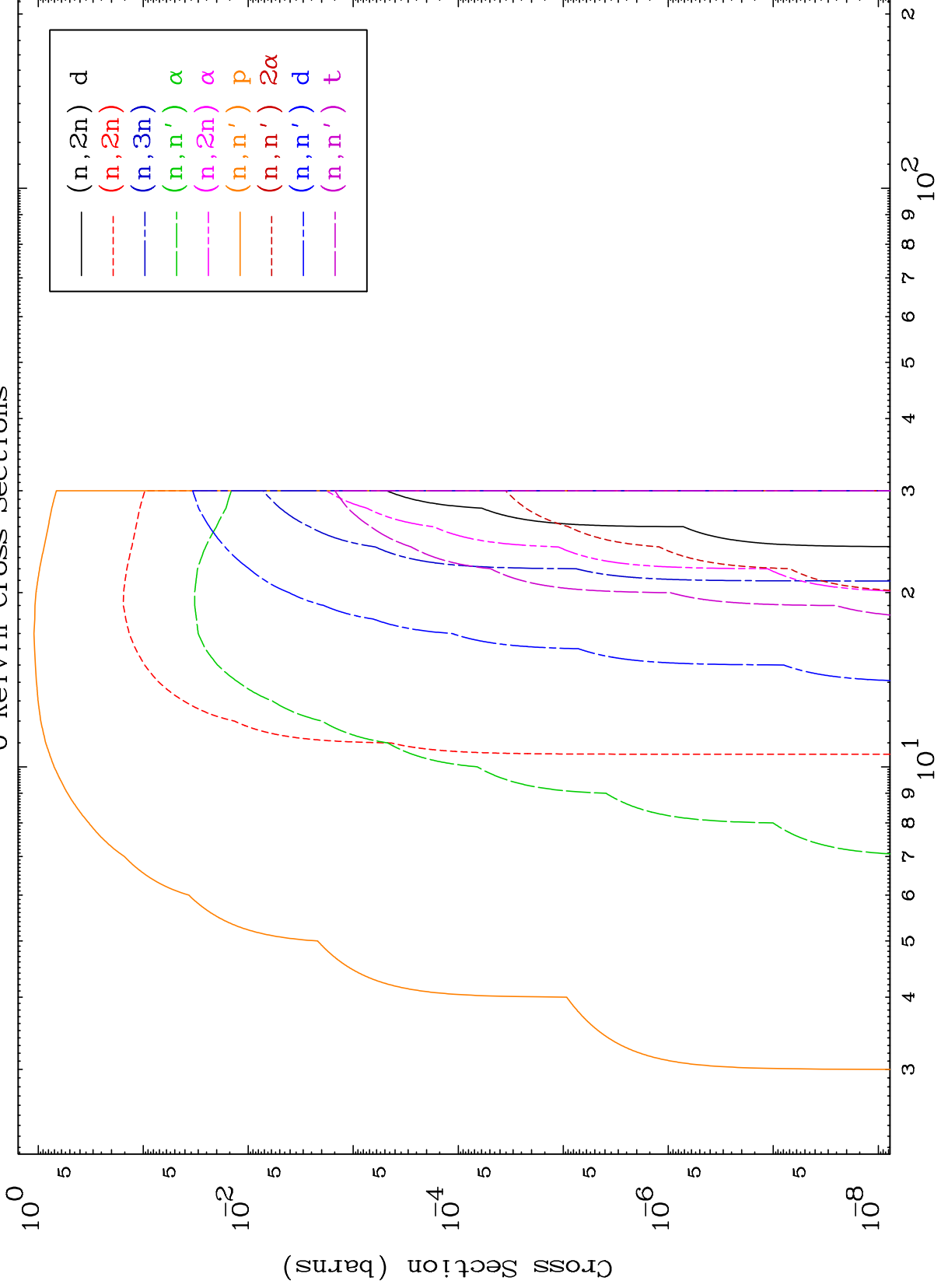
Tele: 925-443-1911

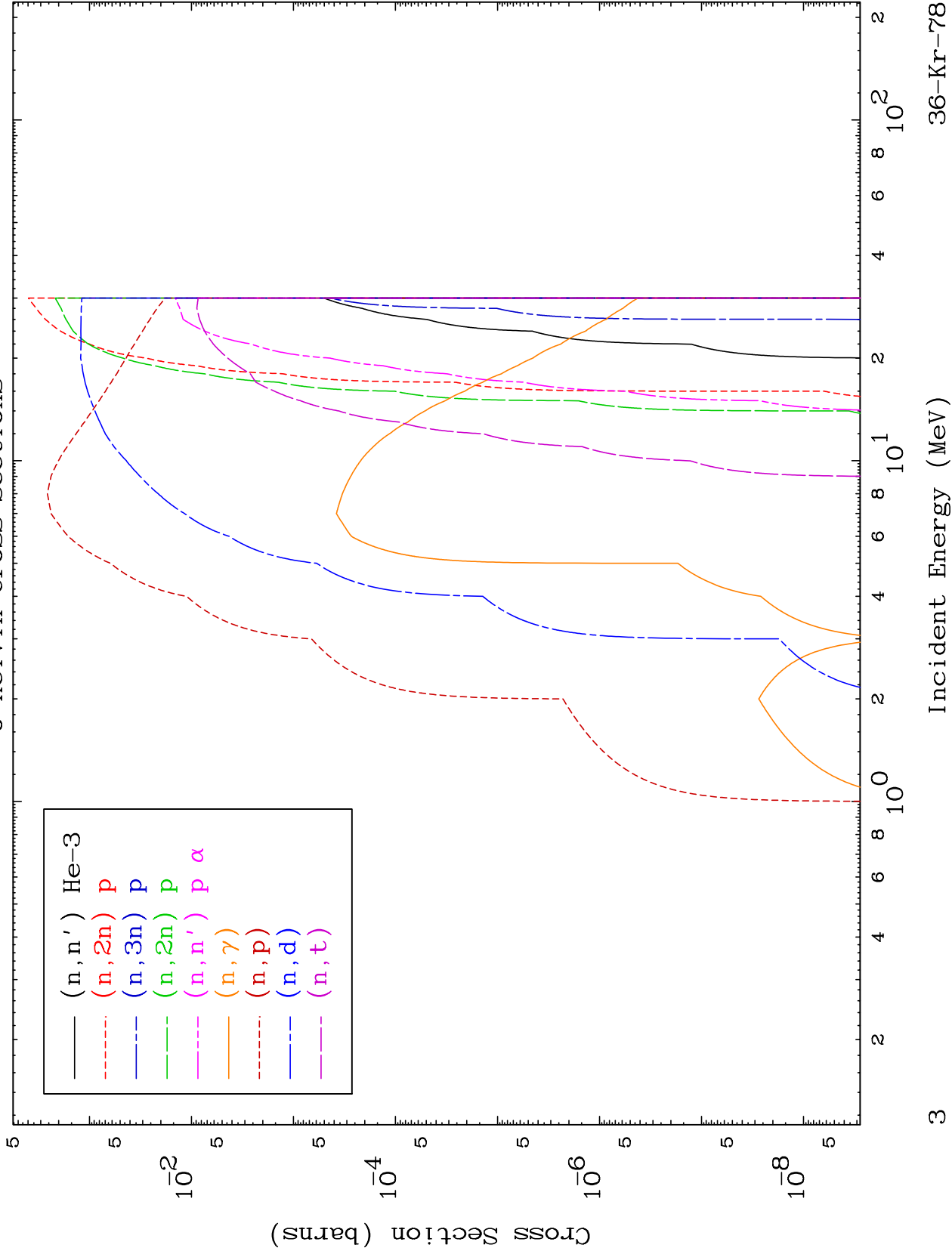
E.Mail: redcullen1@comcast.net

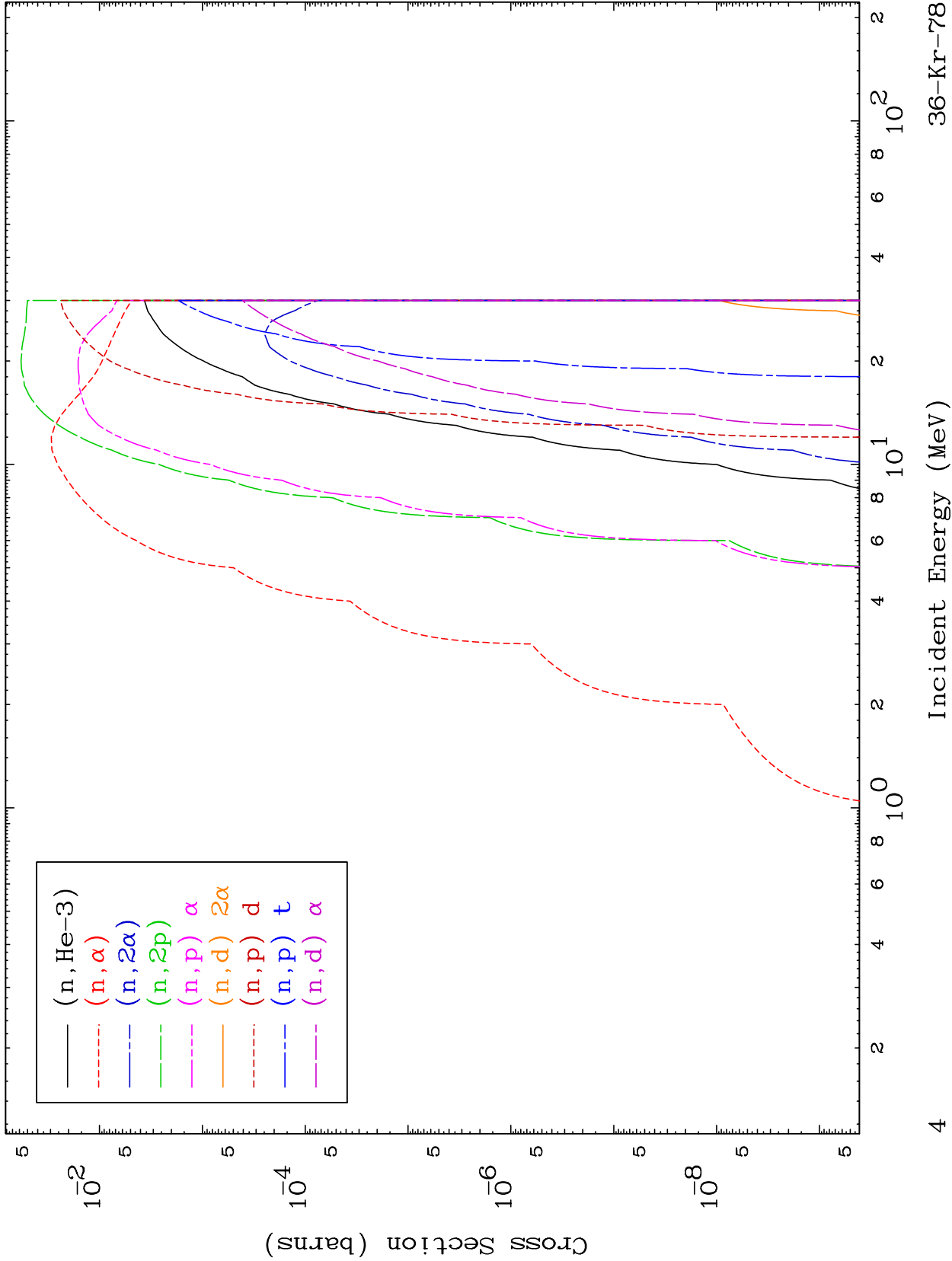
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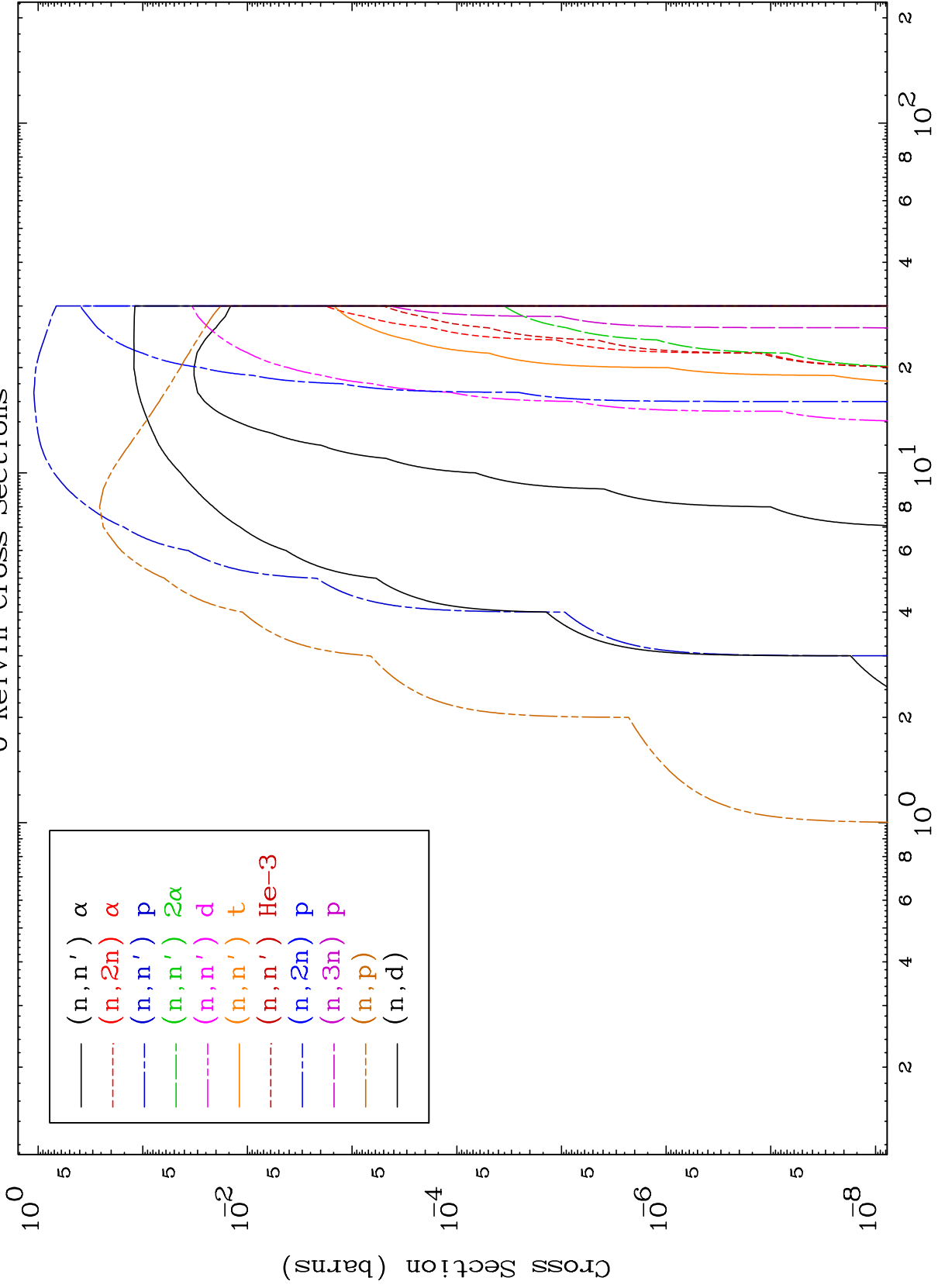
Press Mouse Button to Start

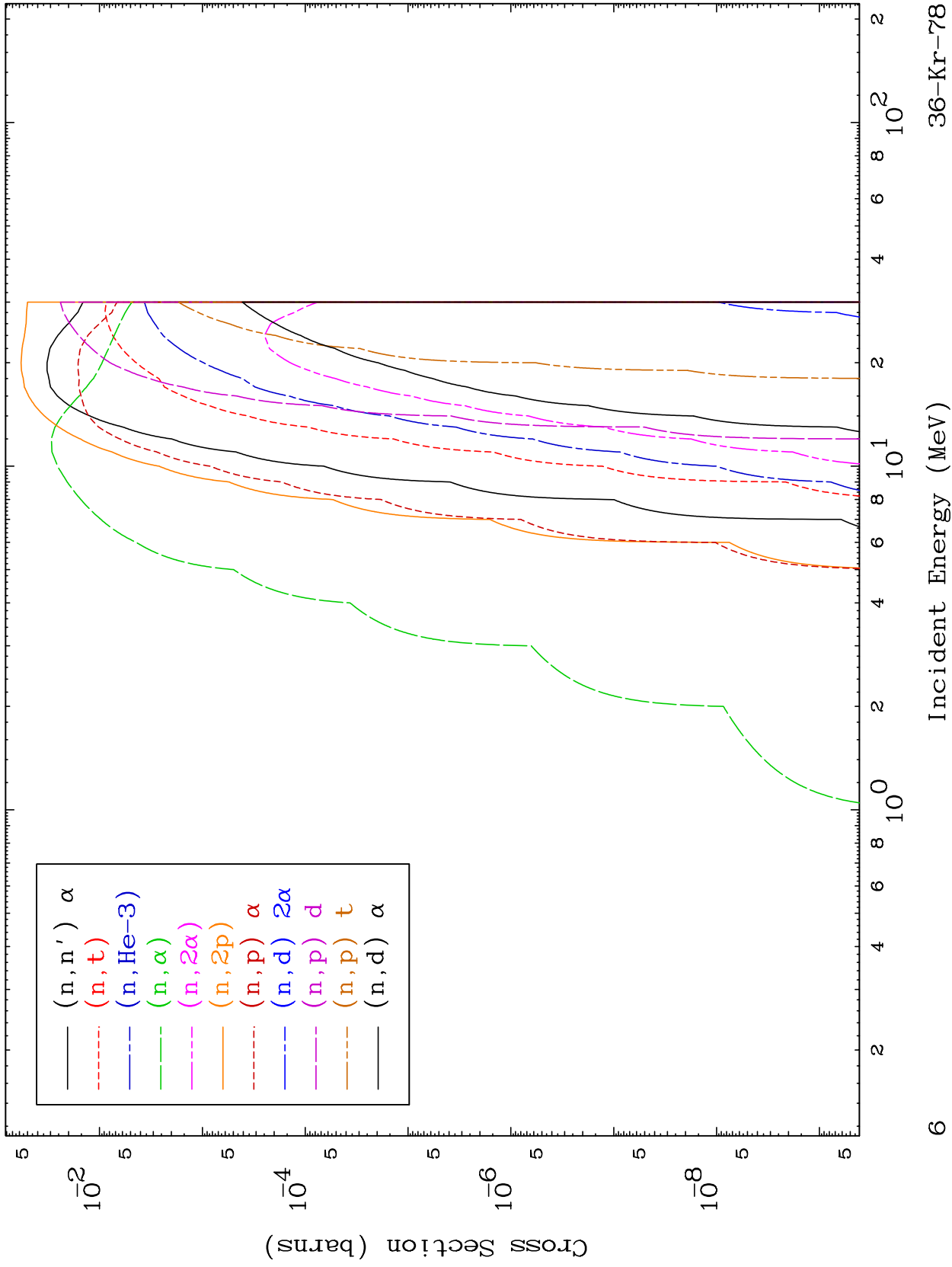








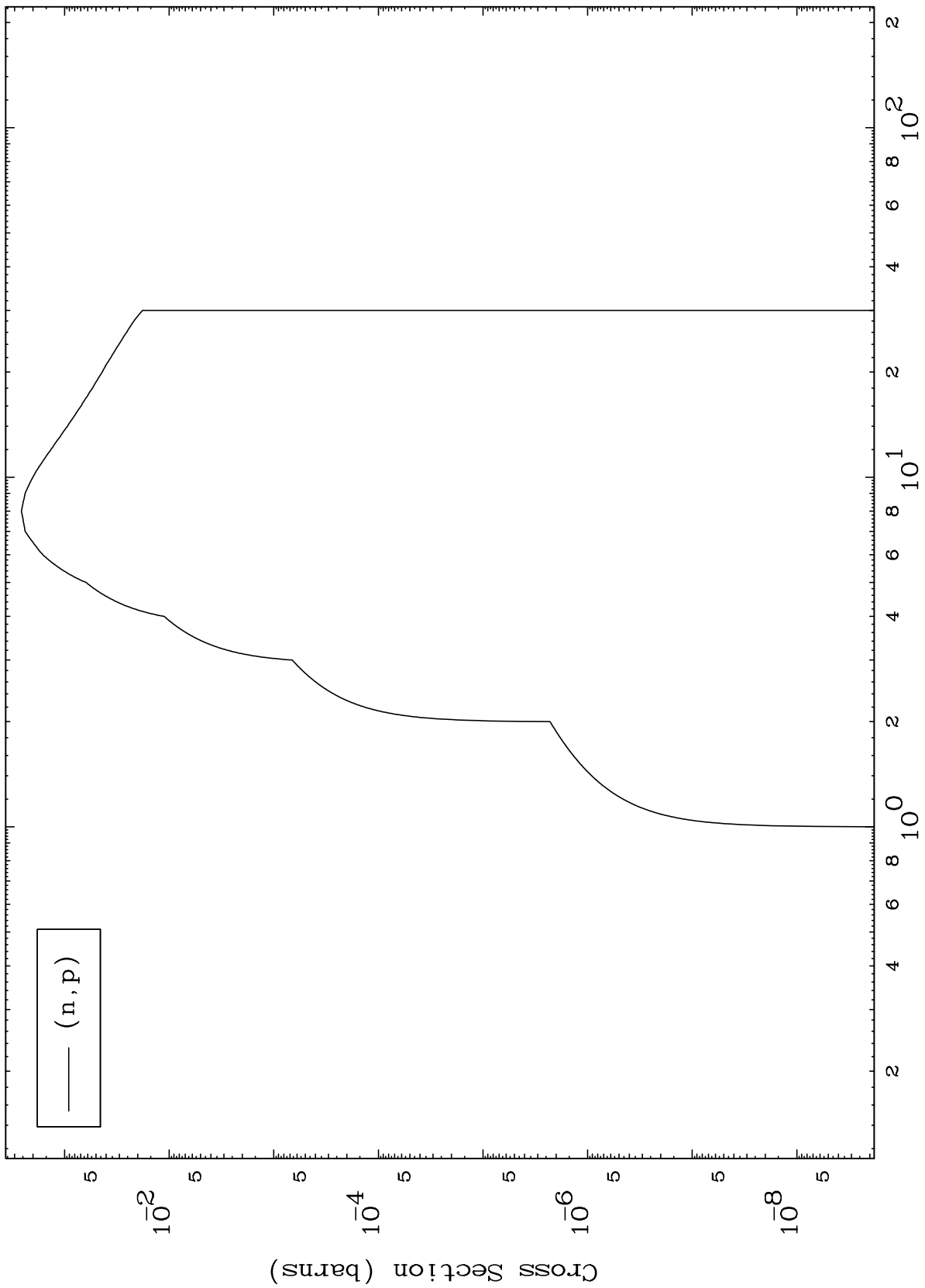




MAT 3625

36-Kr-78

(d,p) Levels
0 Kelvin Cross Sections



36-Kr-78

Incident Energy (MeV)

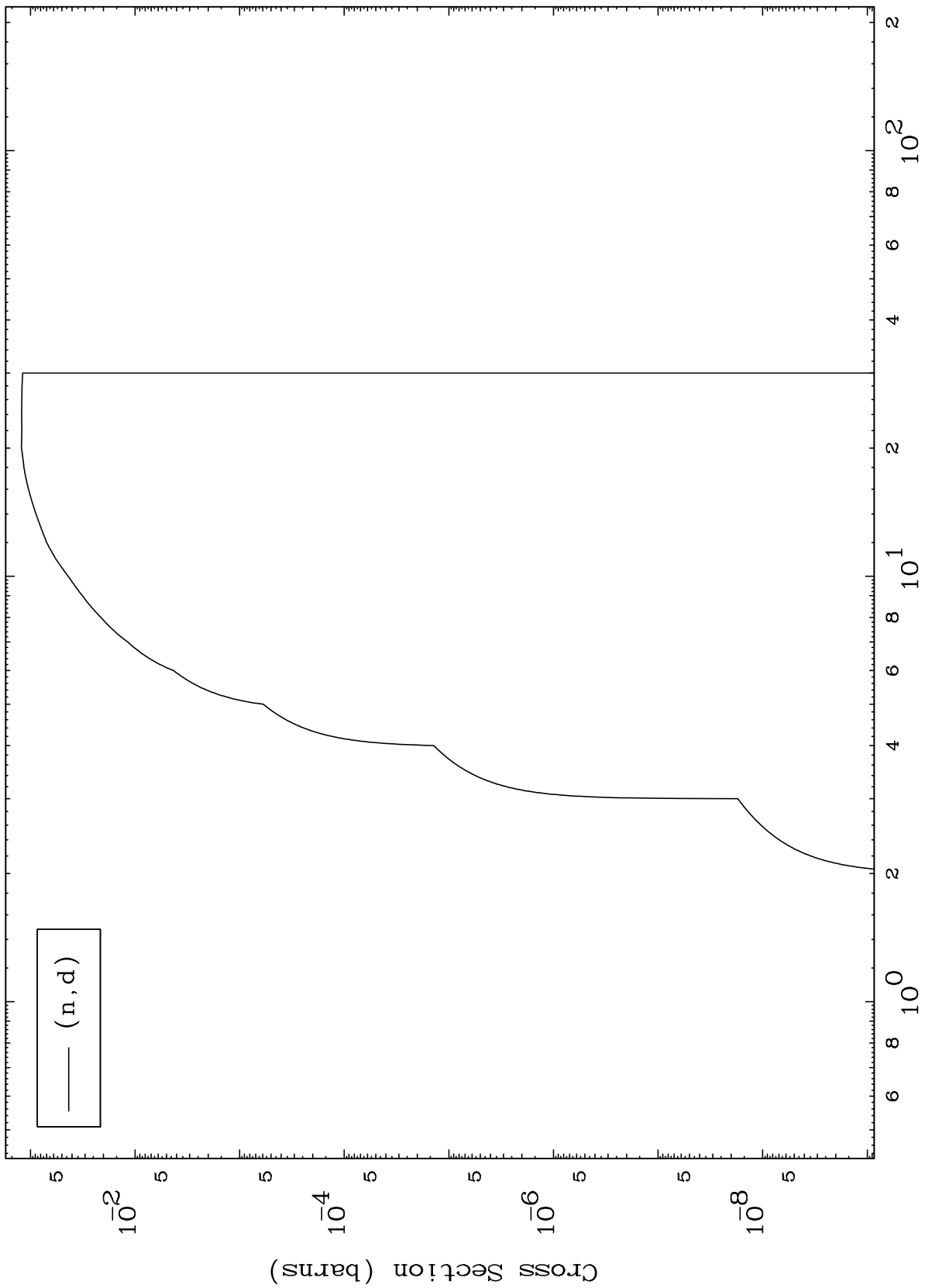
MAT 3625

(d,d) Levels

36-Kr-78

0 Kelvin Cross Sections

(n,d)



8

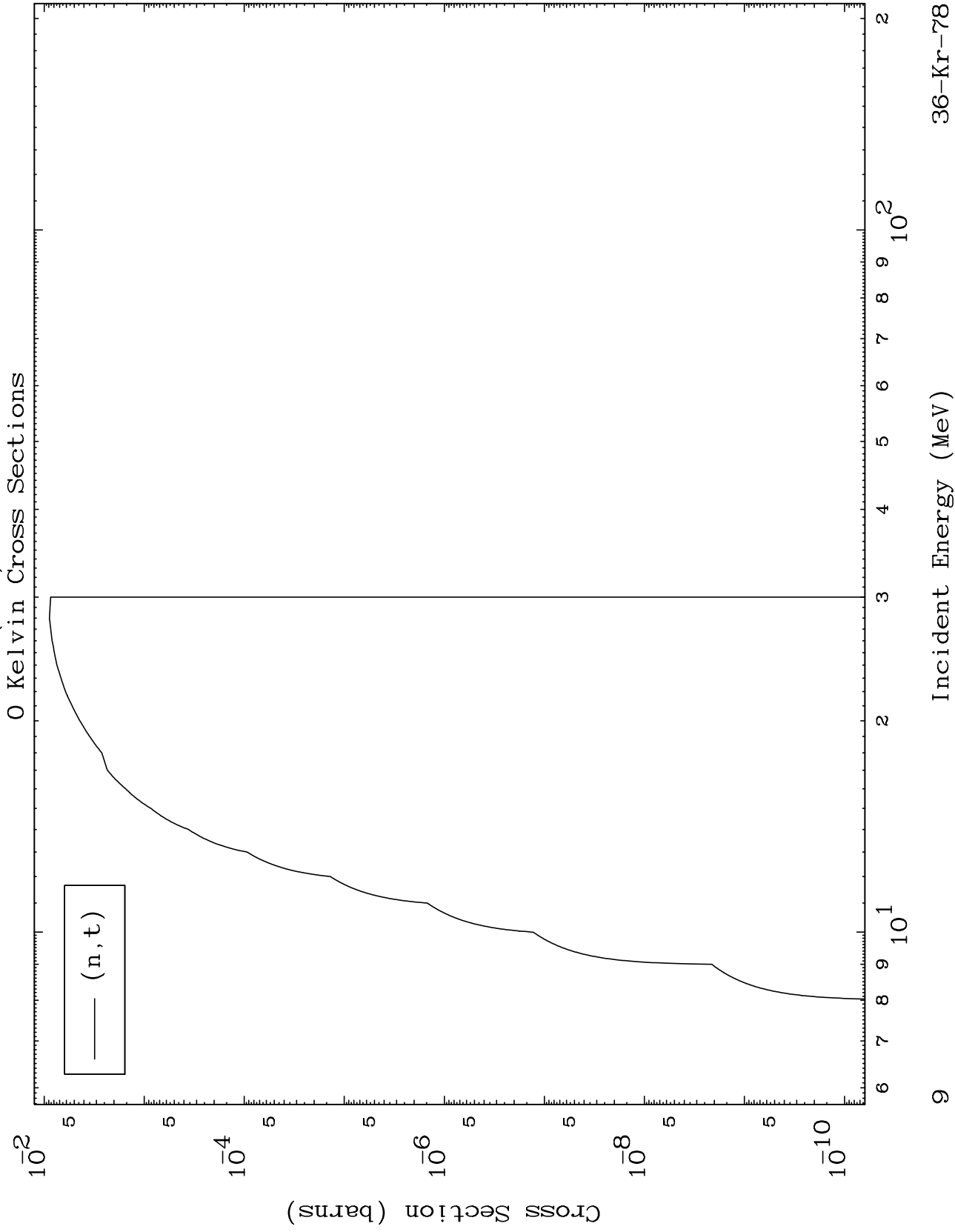
Incident Energy (MeV)

36-Kr-78

MAT 3625

(d, t) Levels

36-Kr-78

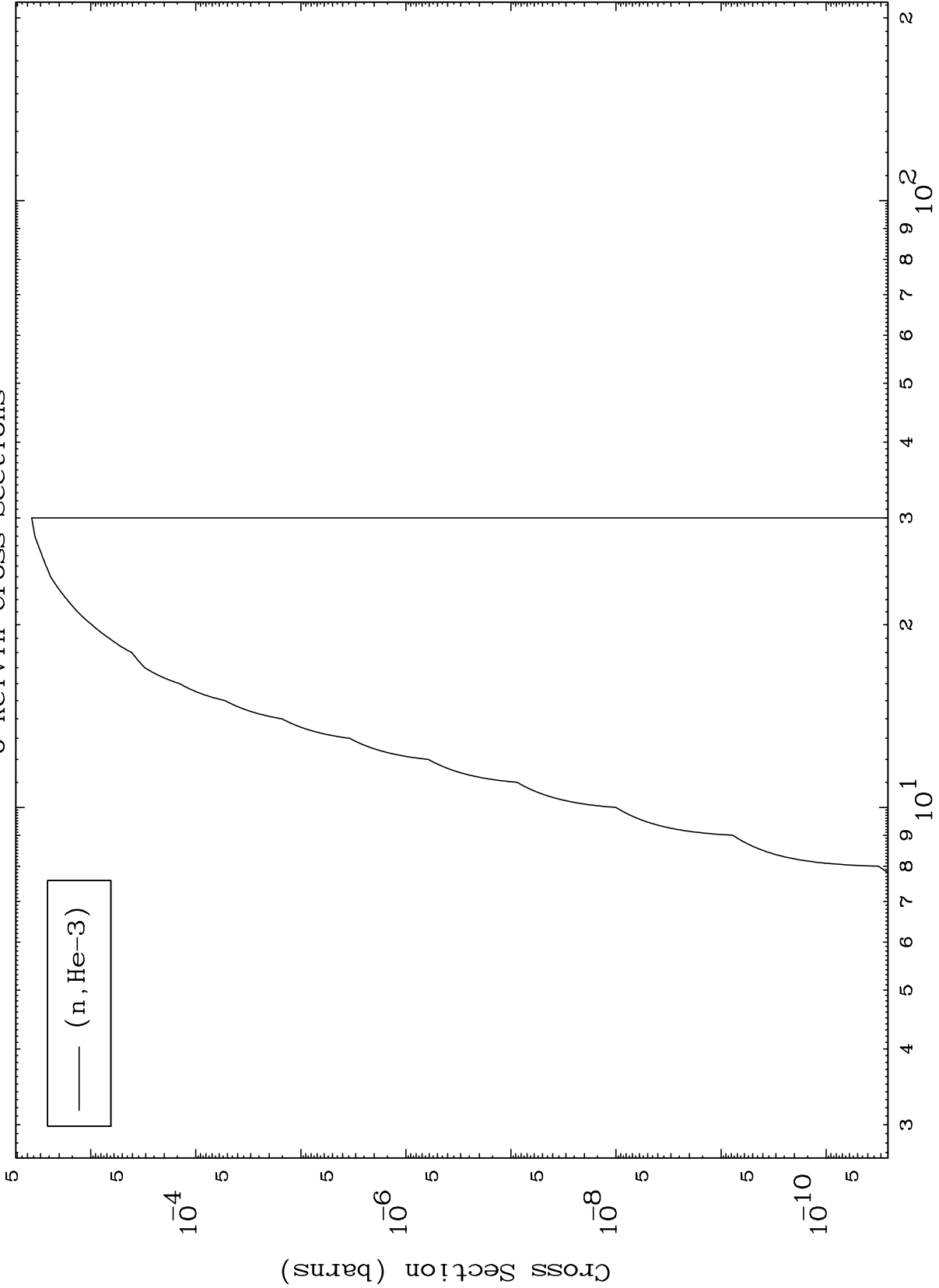


MAT 3625

(d,He3) Levels

36-Kr-78

0 Kelvin Cross Sections



10

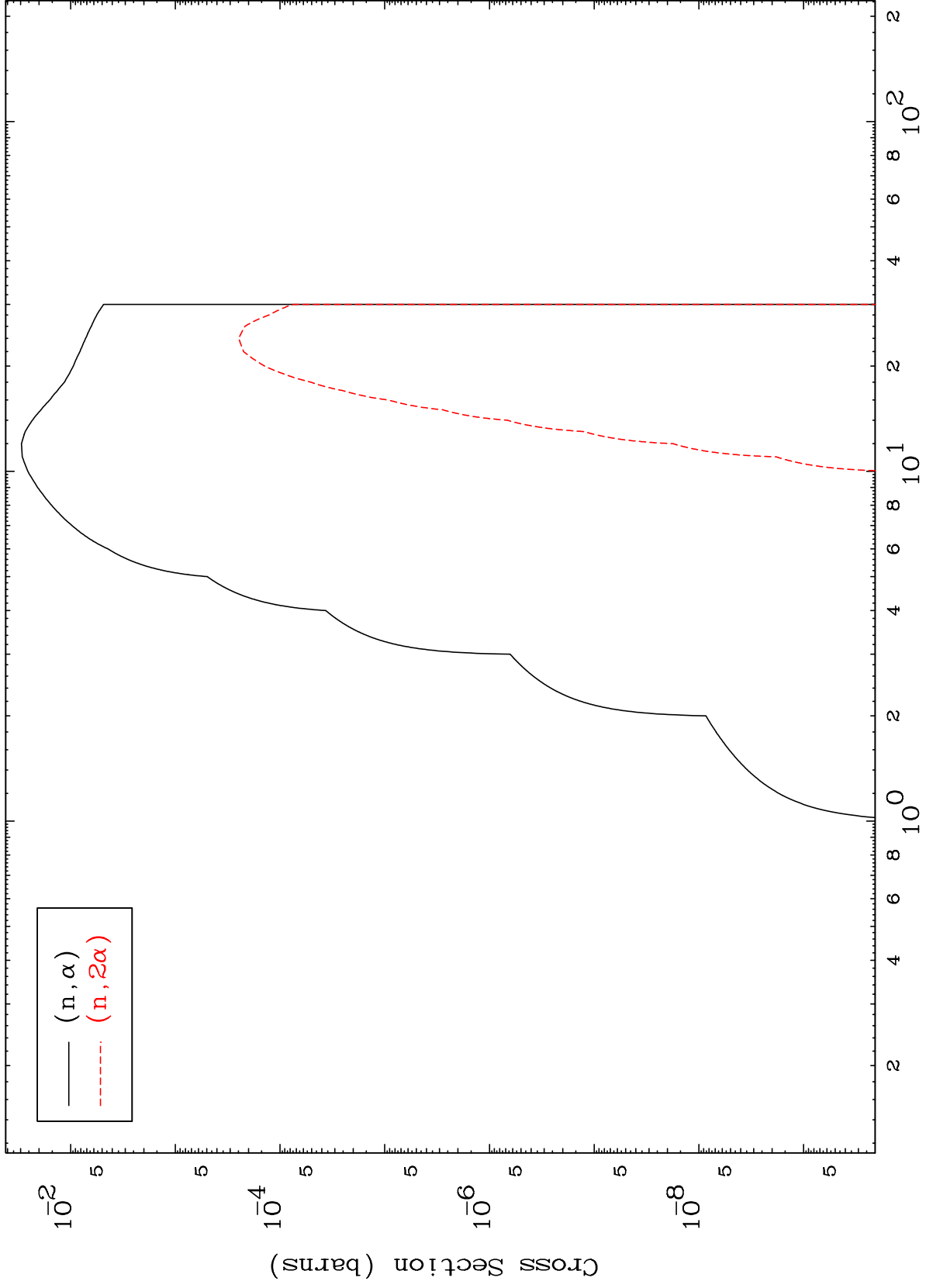
Incident Energy (MeV)

36-Kr-78

MAT 3625

(d, α) Levels
0 Kelvin Cross Sections

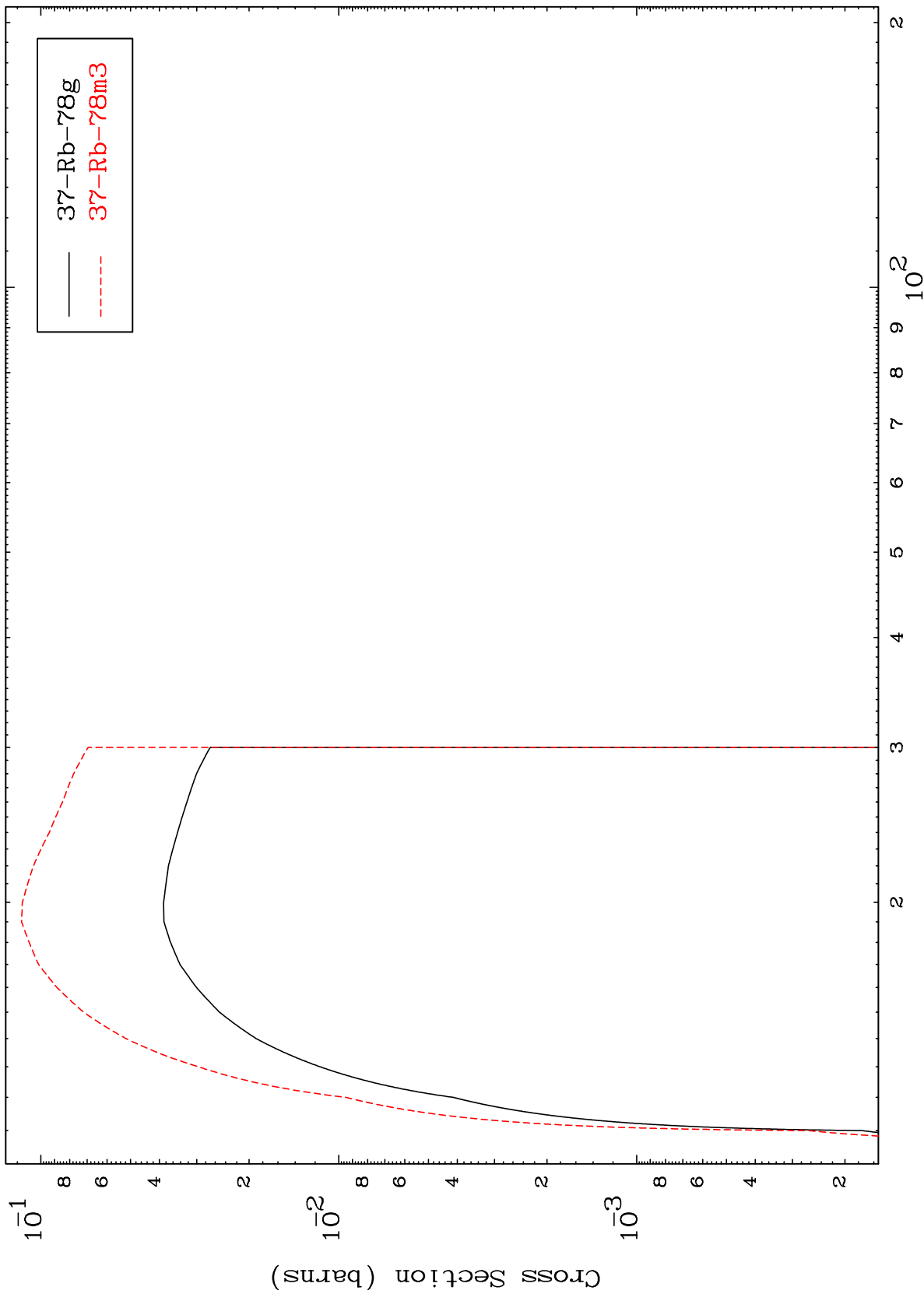
36-Kr-78



MAT 3625

36-Kr-78

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

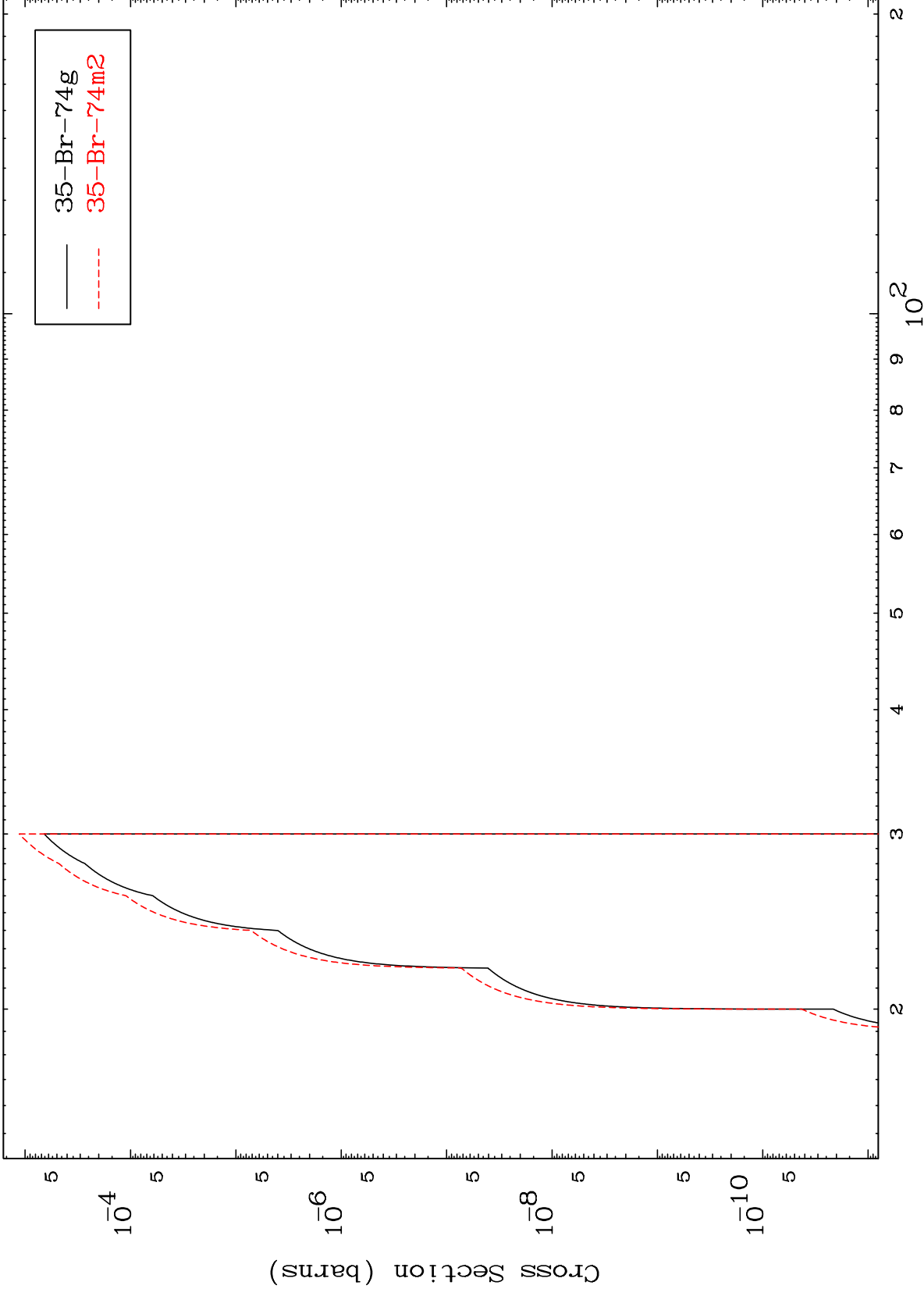
36-Kr-78

MAT 3625

$(n,2n) \alpha$

36-Kr-78

Radionuclide Production Cross Section



13

Incident Energy (MeV)

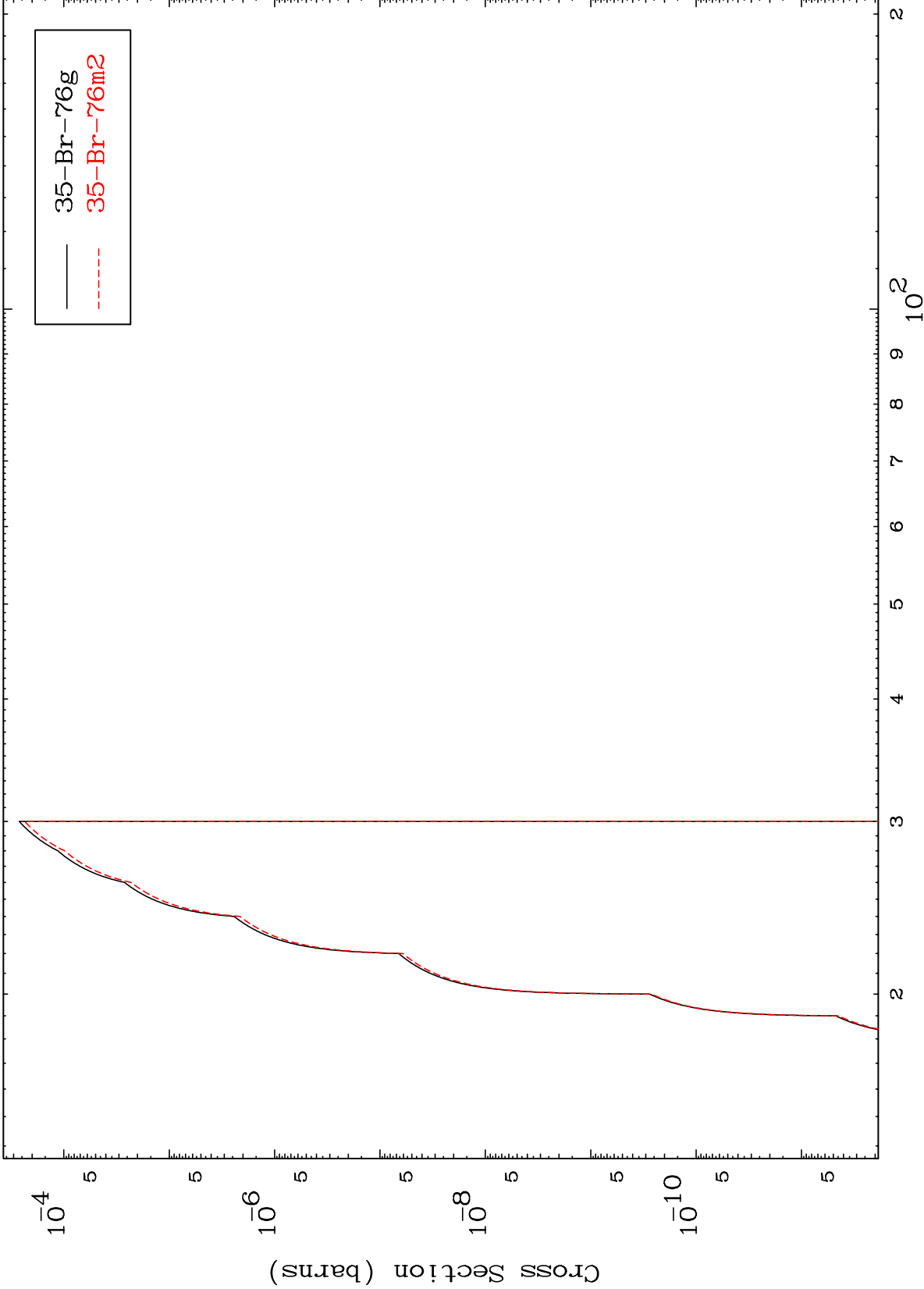
36-Kr-78

MAT 3625

(n,n') He-3

36-Kr-78

Radionuclide Production Cross Section



14

Incident Energy (MeV)

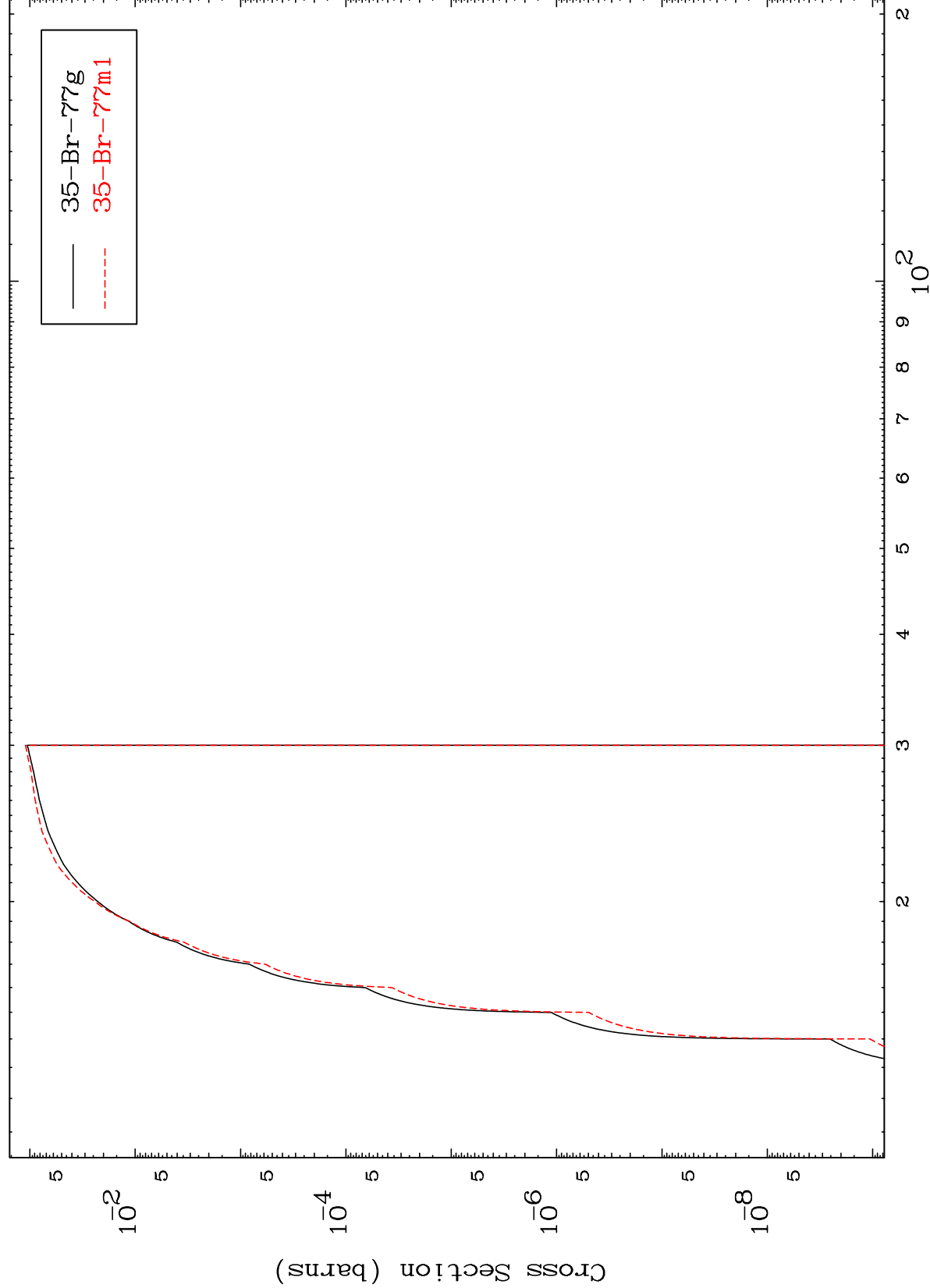
36-Kr-78

MAT 3625

$(n,2n)$ p

$^{36}\text{Kr-78}$

Radionuclide Production Cross Section



15

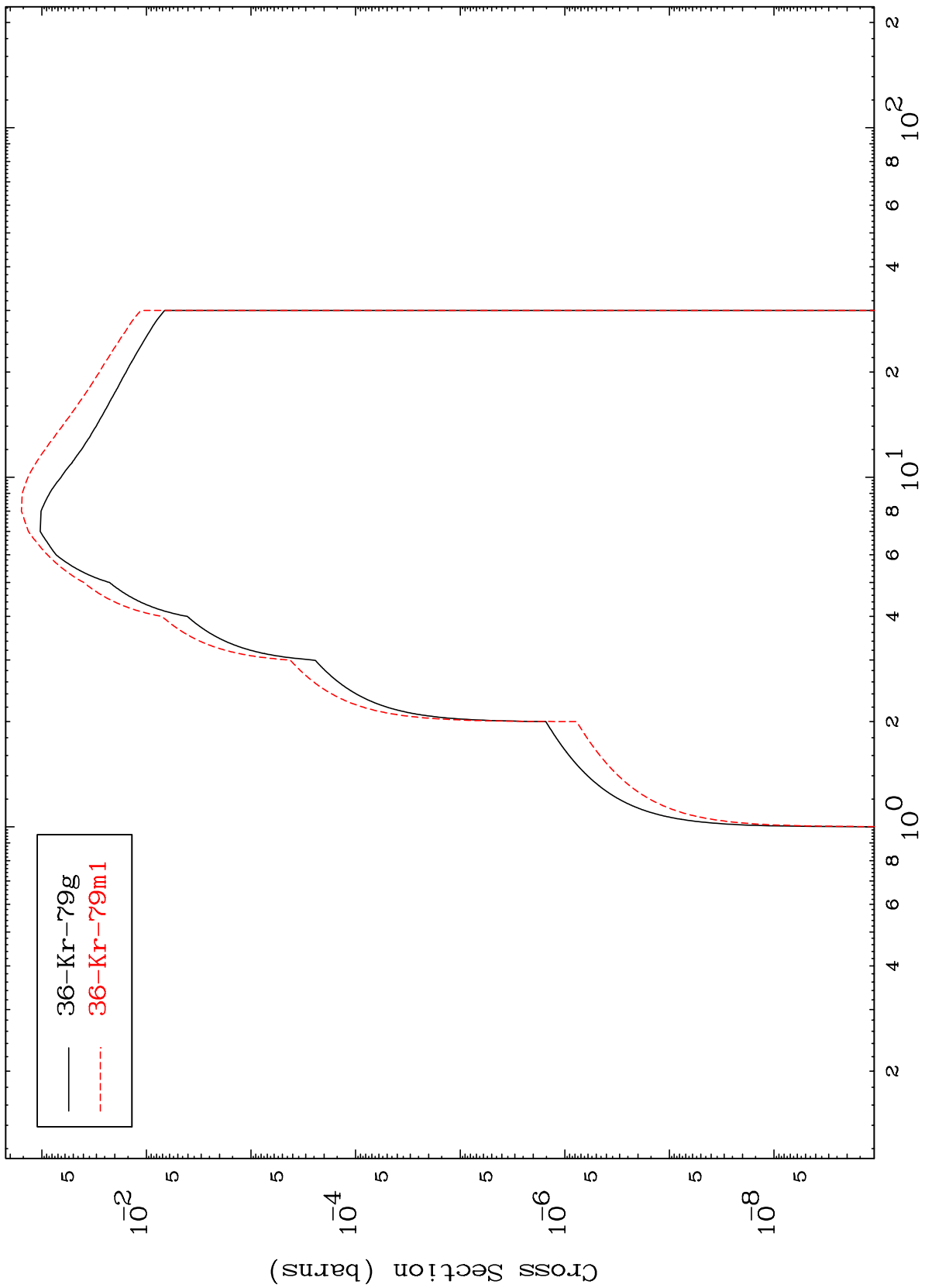
Incident Energy (MeV)

$^{36}\text{Kr-78}$

MAT 3625

³⁶Kr-78

(n,p)
Radionuclide Production Cross Section



— 36-Kr-79g
- - - 36-Kr-79m1

³⁶Kr-78

Incident Energy (MeV)

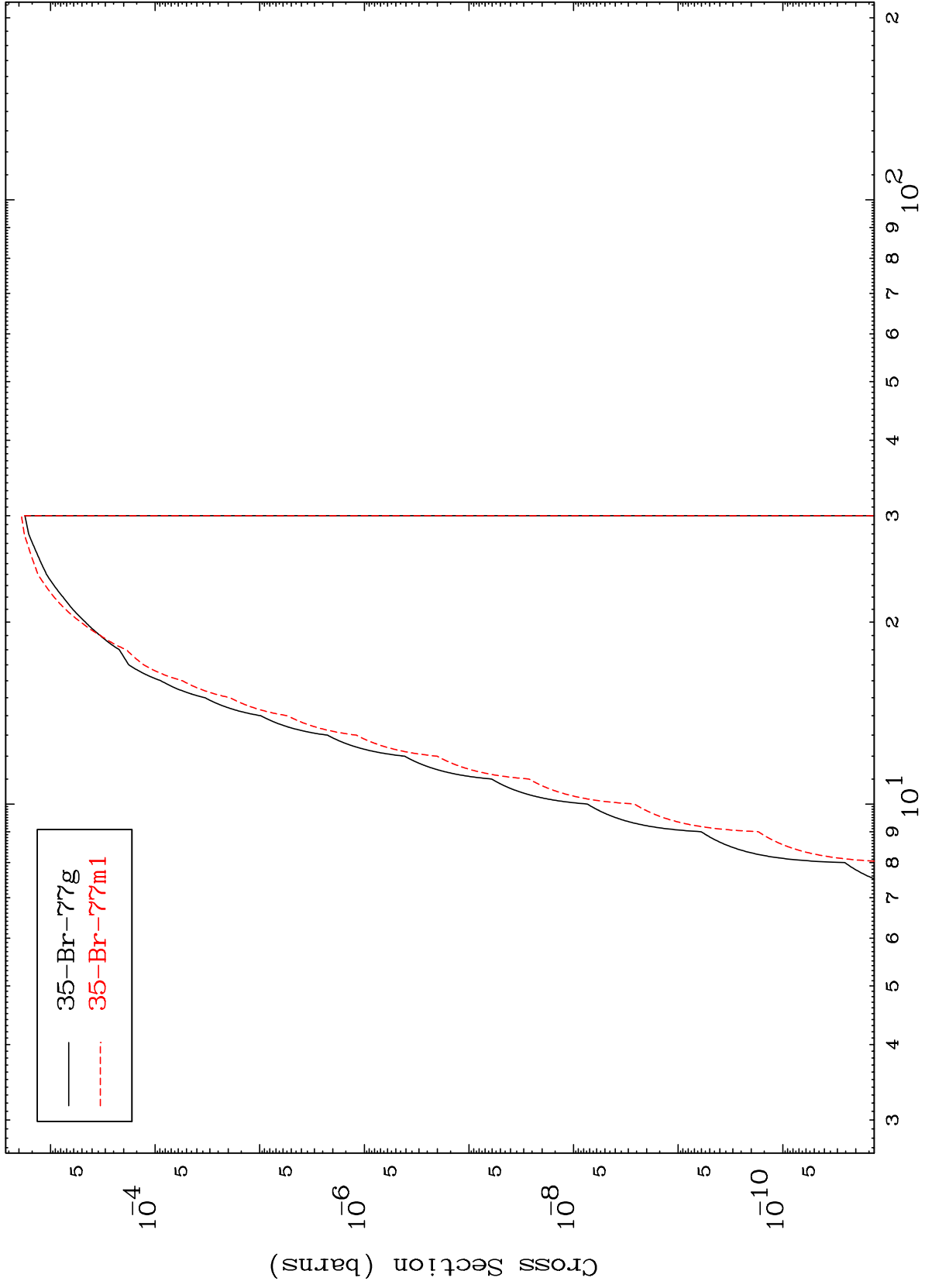
16

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(n,He-3)

36-Kr-78

Radionuclide Production Cross Section



Legend:
— 35-Br-77g
- - - 35-Br-77m1

17

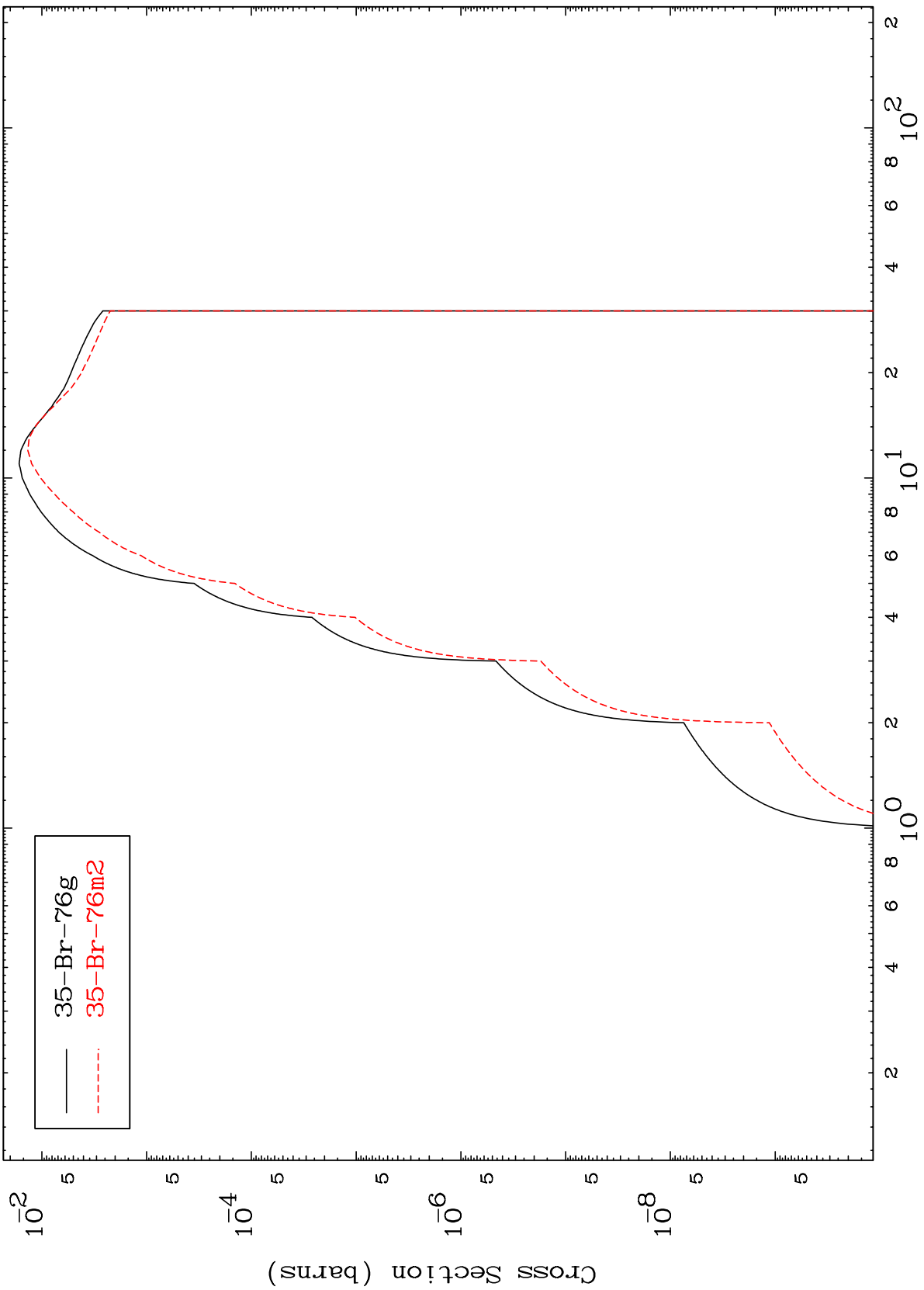
Incident Energy (MeV)

36-Kr-78

MAT 3625

36-Kr-78

Radionuclide Production Cross Section
(n, α)



— 35-Br-76g
- - - 35-Br-76m2

36-Kr-78

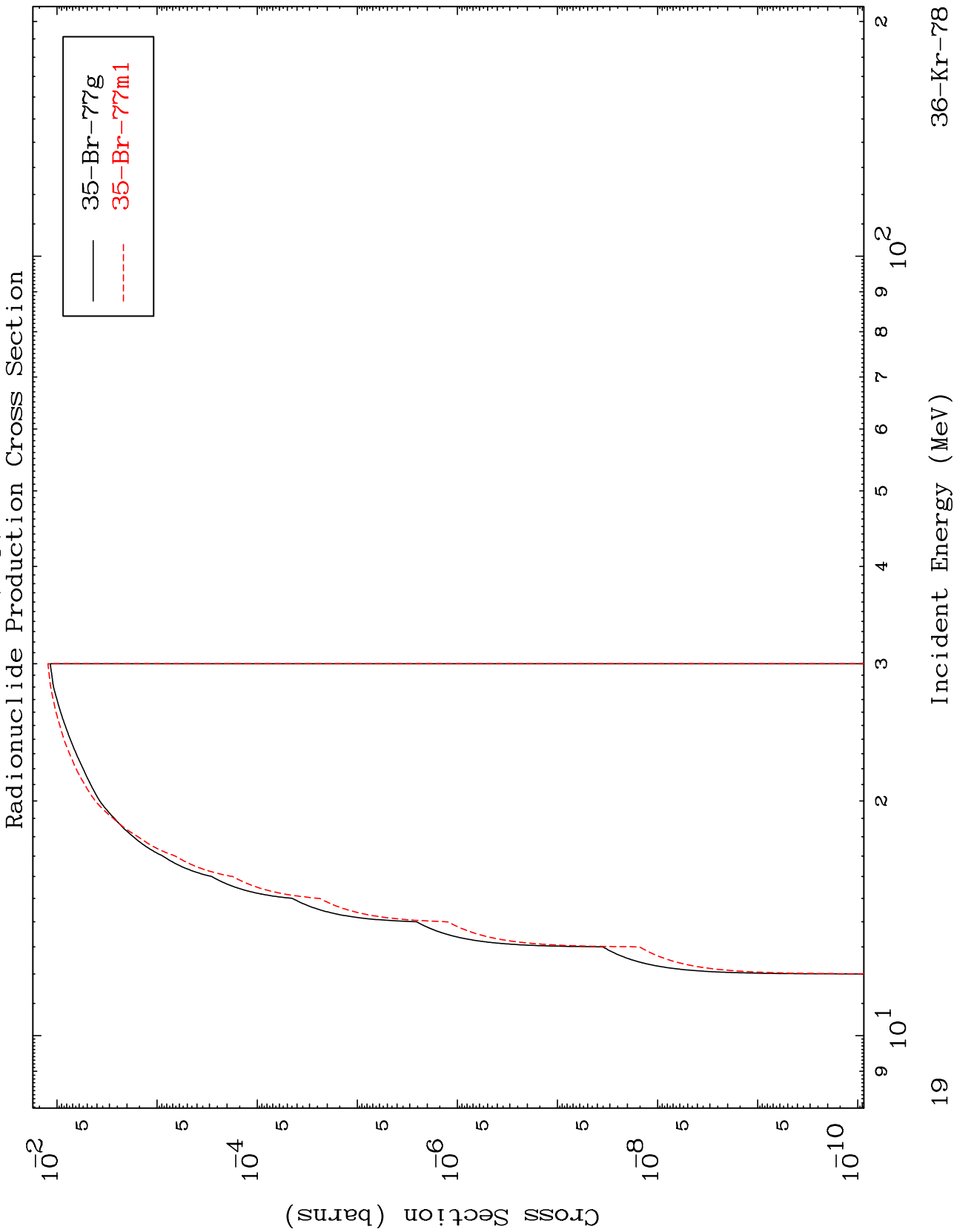
Incident Energy (MeV)

18

MAT 3625

(n,p) d

³⁶Kr-78



19

Incident Energy (MeV)

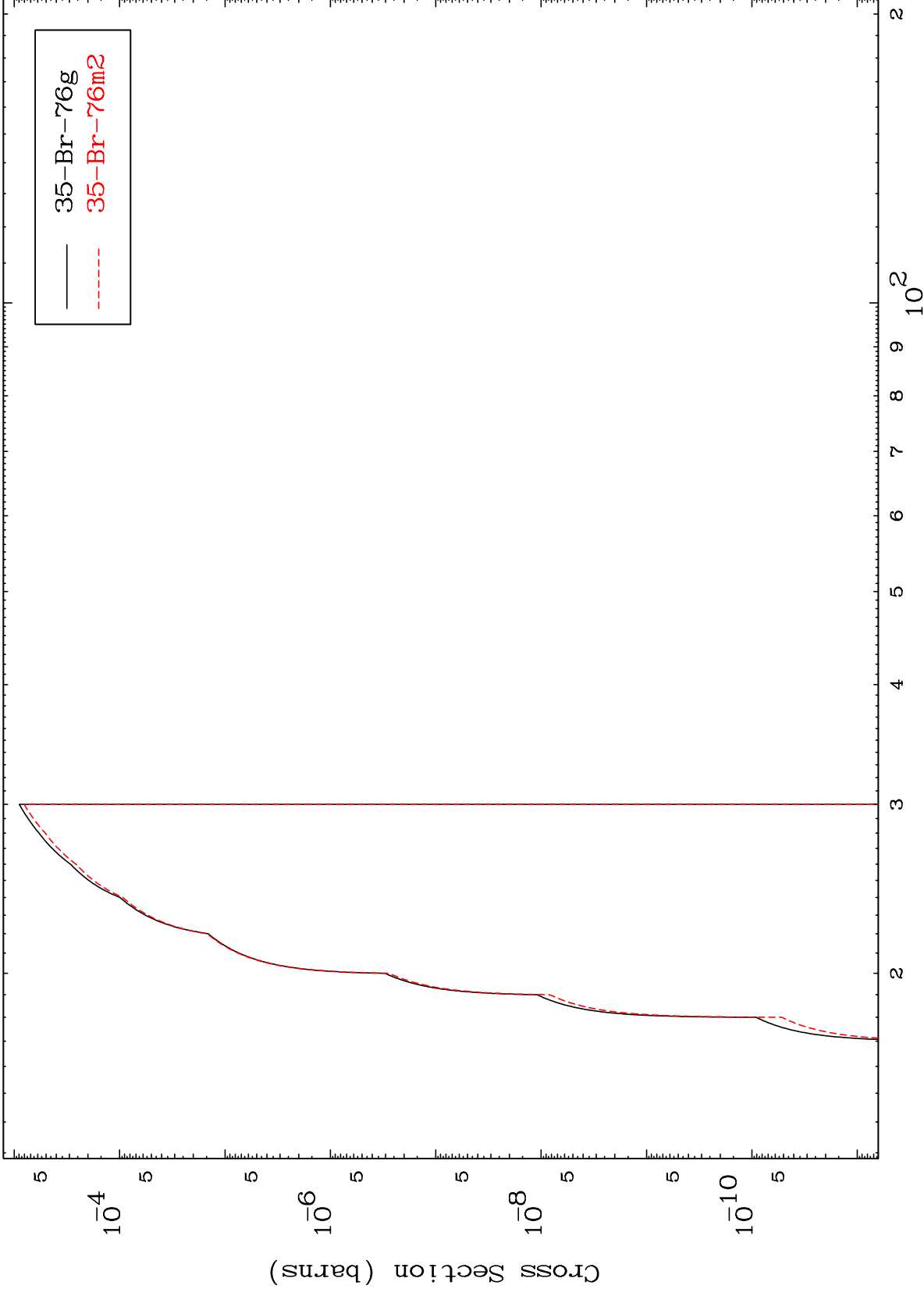
³⁶Kr-78

MAT 3625

(n,p) t

36-Kr-78

Radionuclide Production Cross Section



20

Incident Energy (MeV)

36-Kr-78