

Program EVALPLOT
(Version 2021-1)

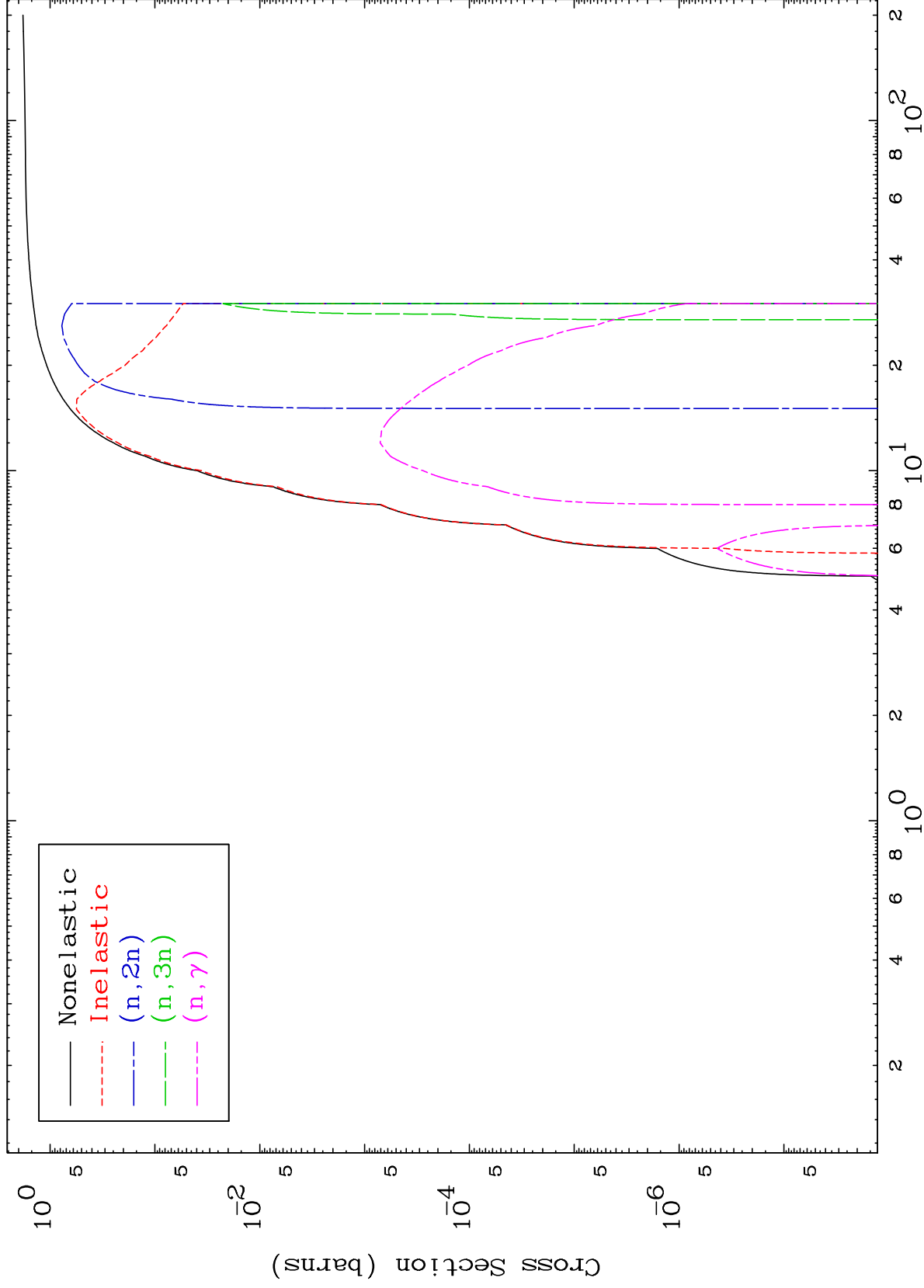
by

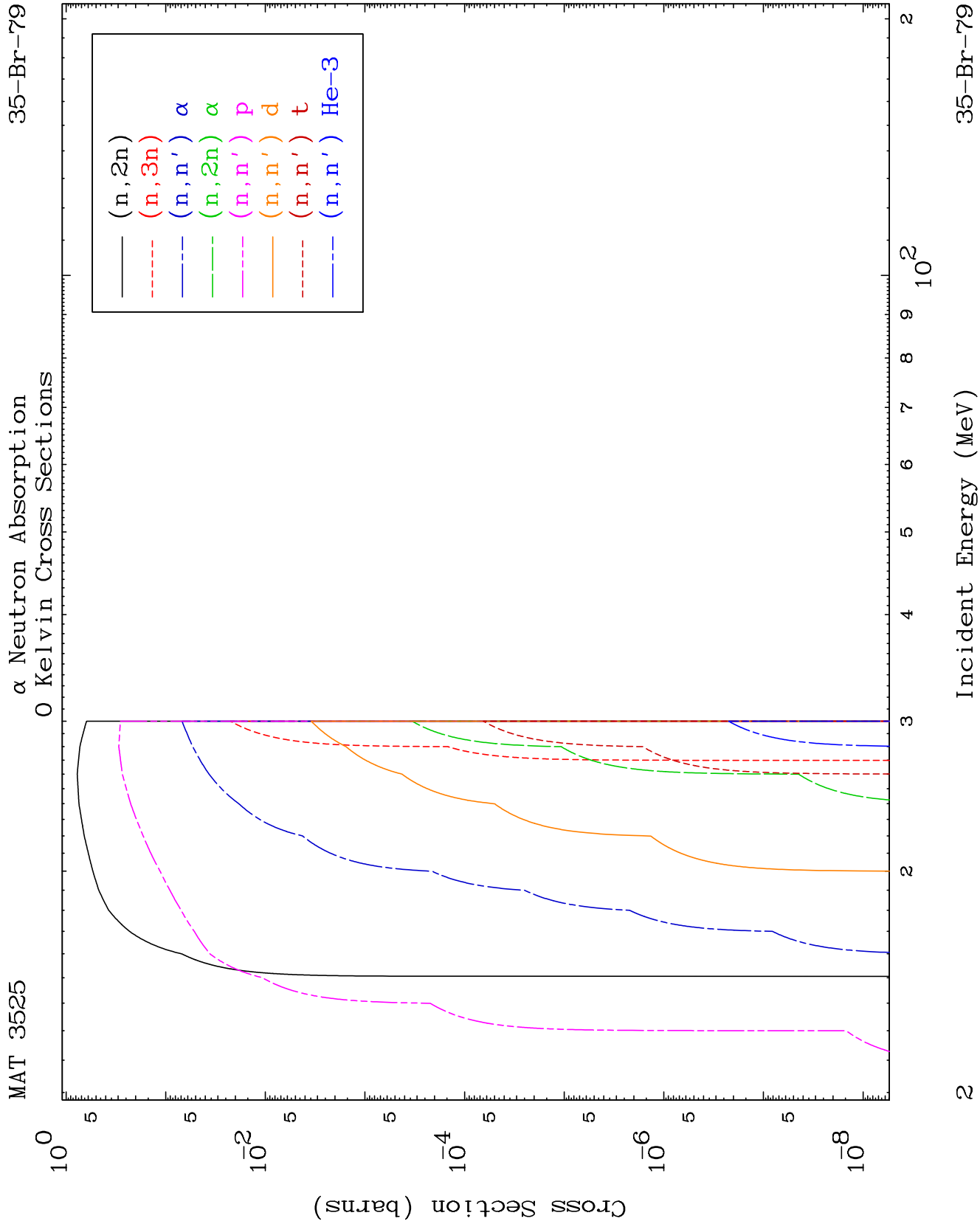
Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

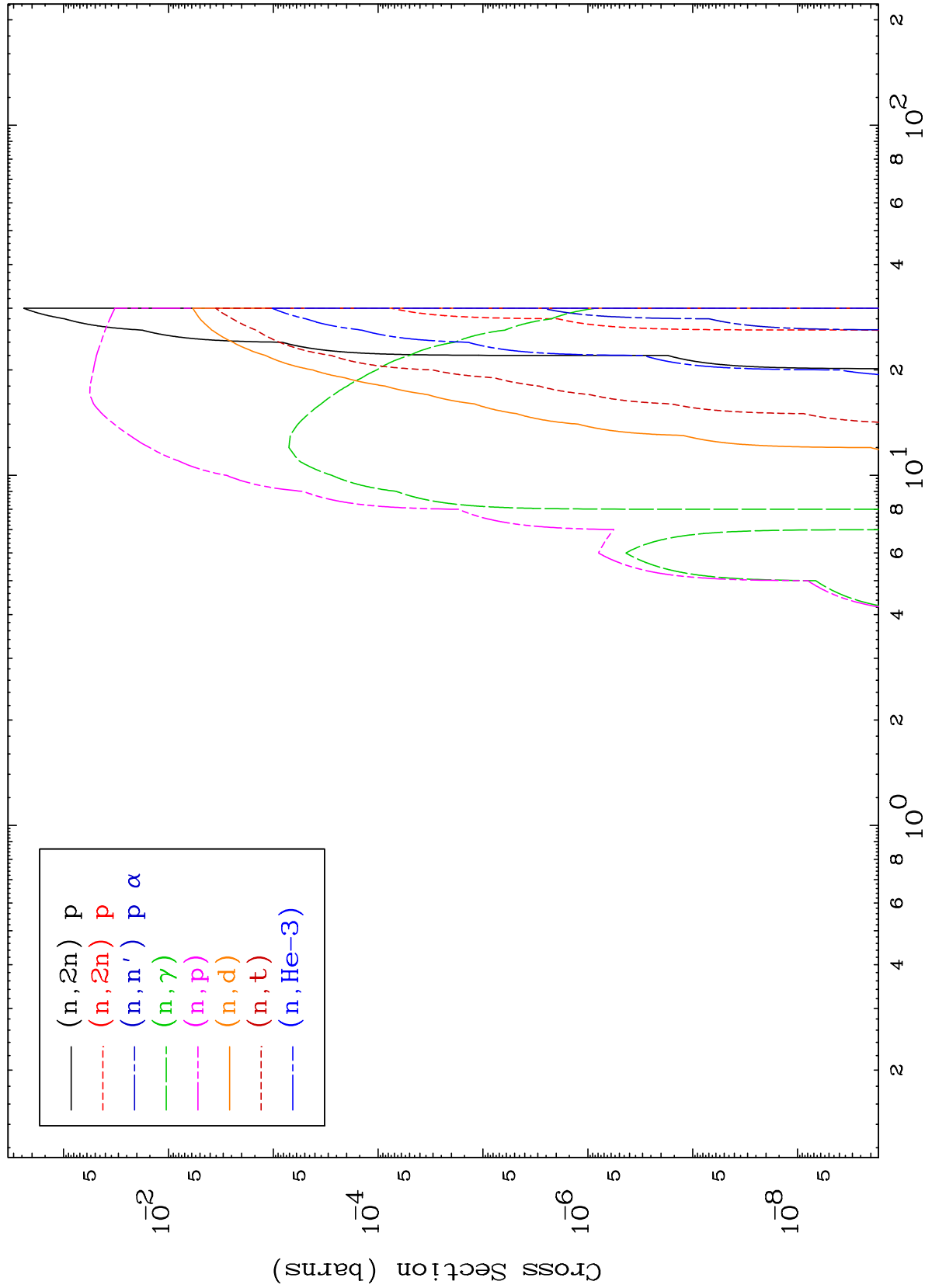
Tele: 925-443-1911

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

Press Mouse Button to Start



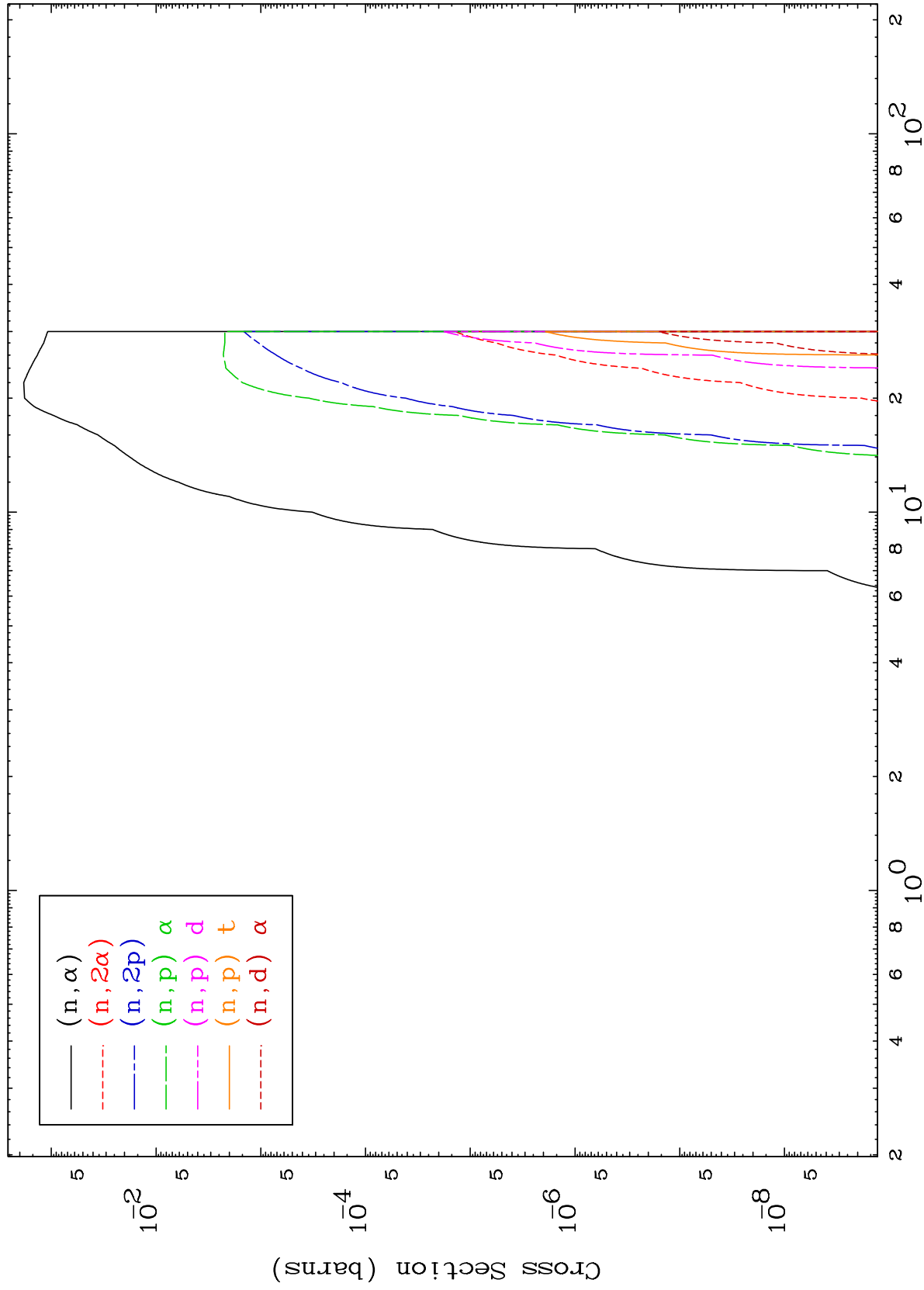




MAT 3525

α Neutron Absorption
0 Kelvin Cross Sections

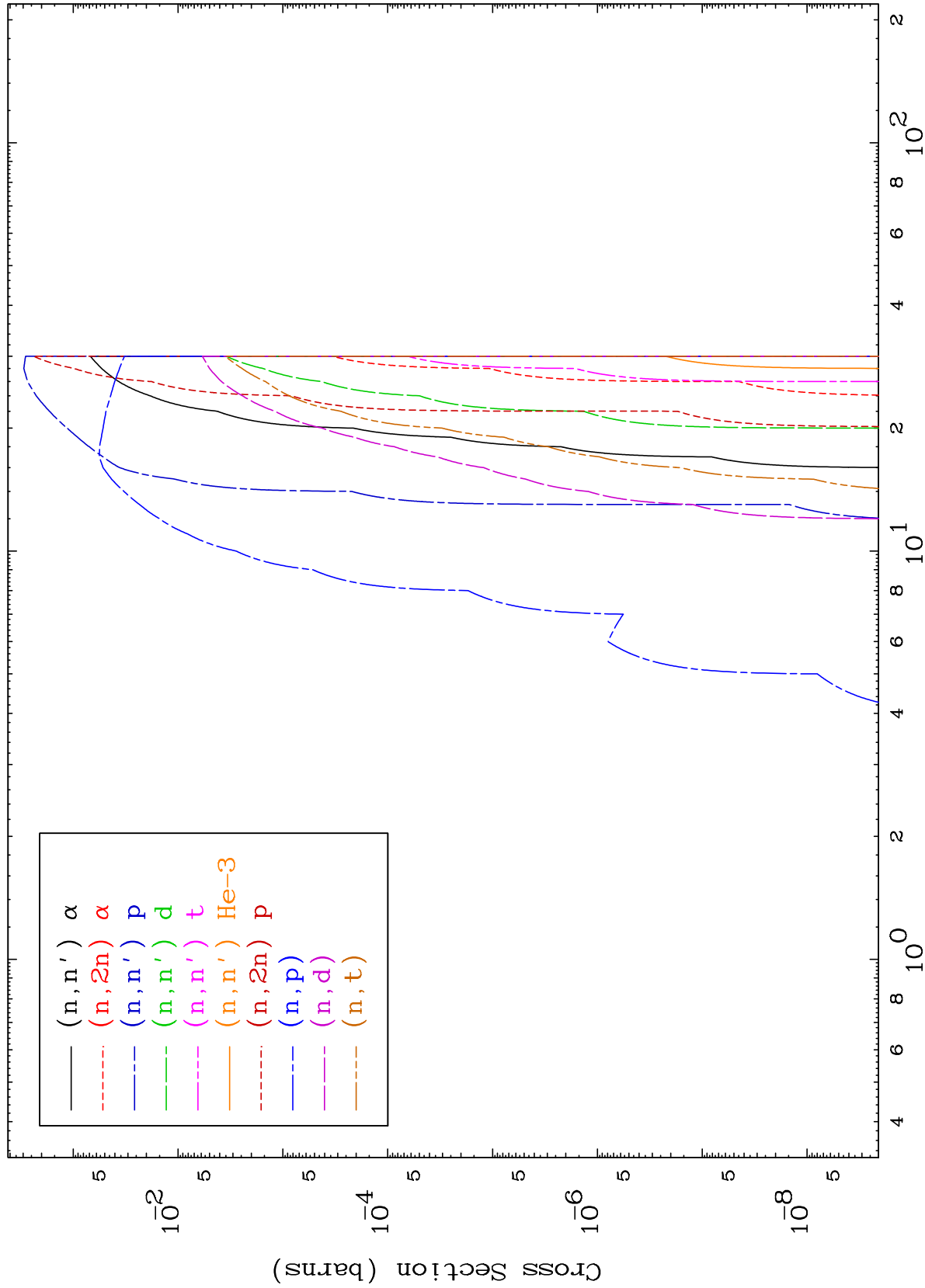
35-Br-79

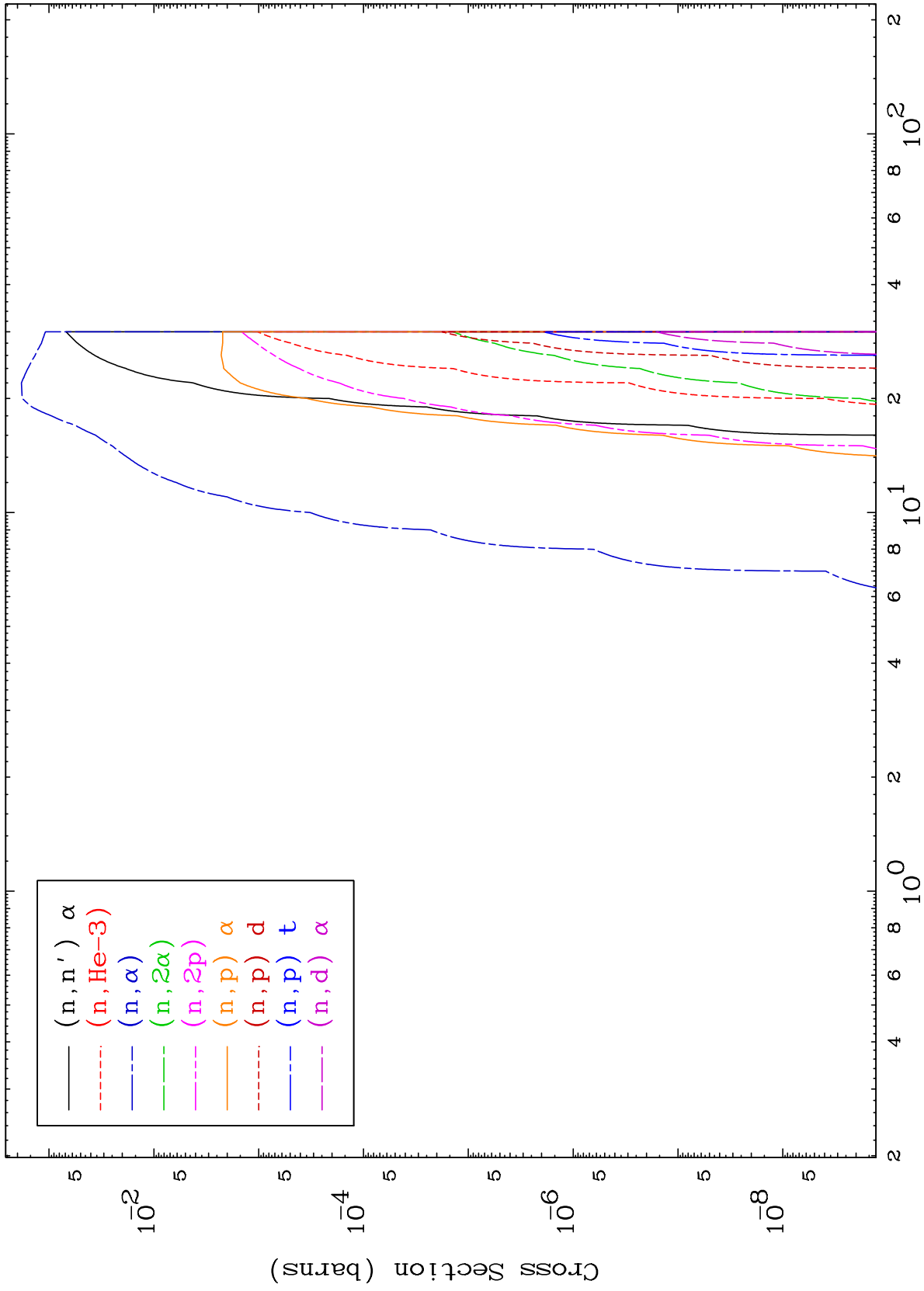


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Incident Energy (MeV)

35-Br-79



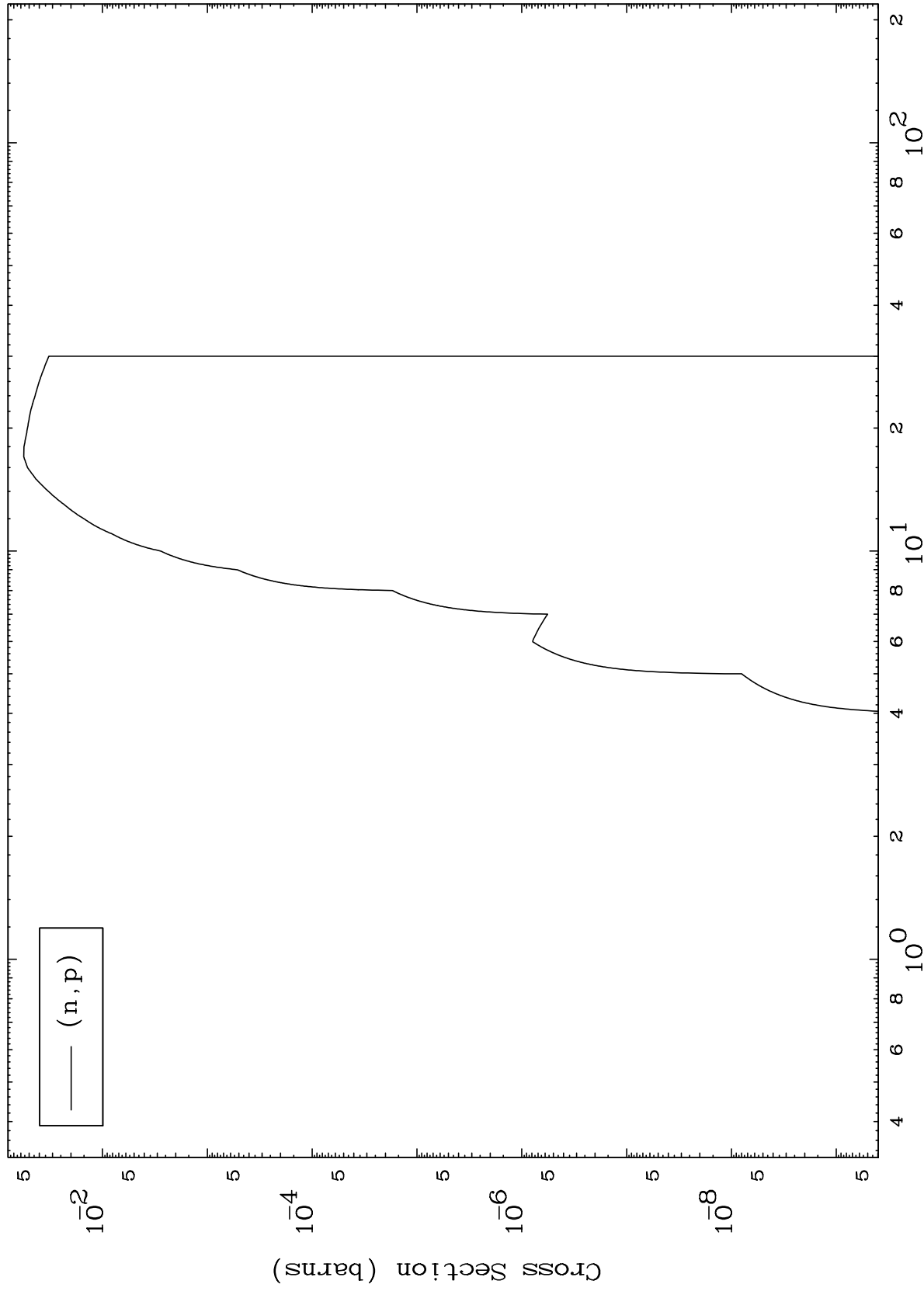


MAT 3525

(α ,p) Levels

35-Br-79

0 Kelvin Cross Sections



7

Incident Energy (MeV)

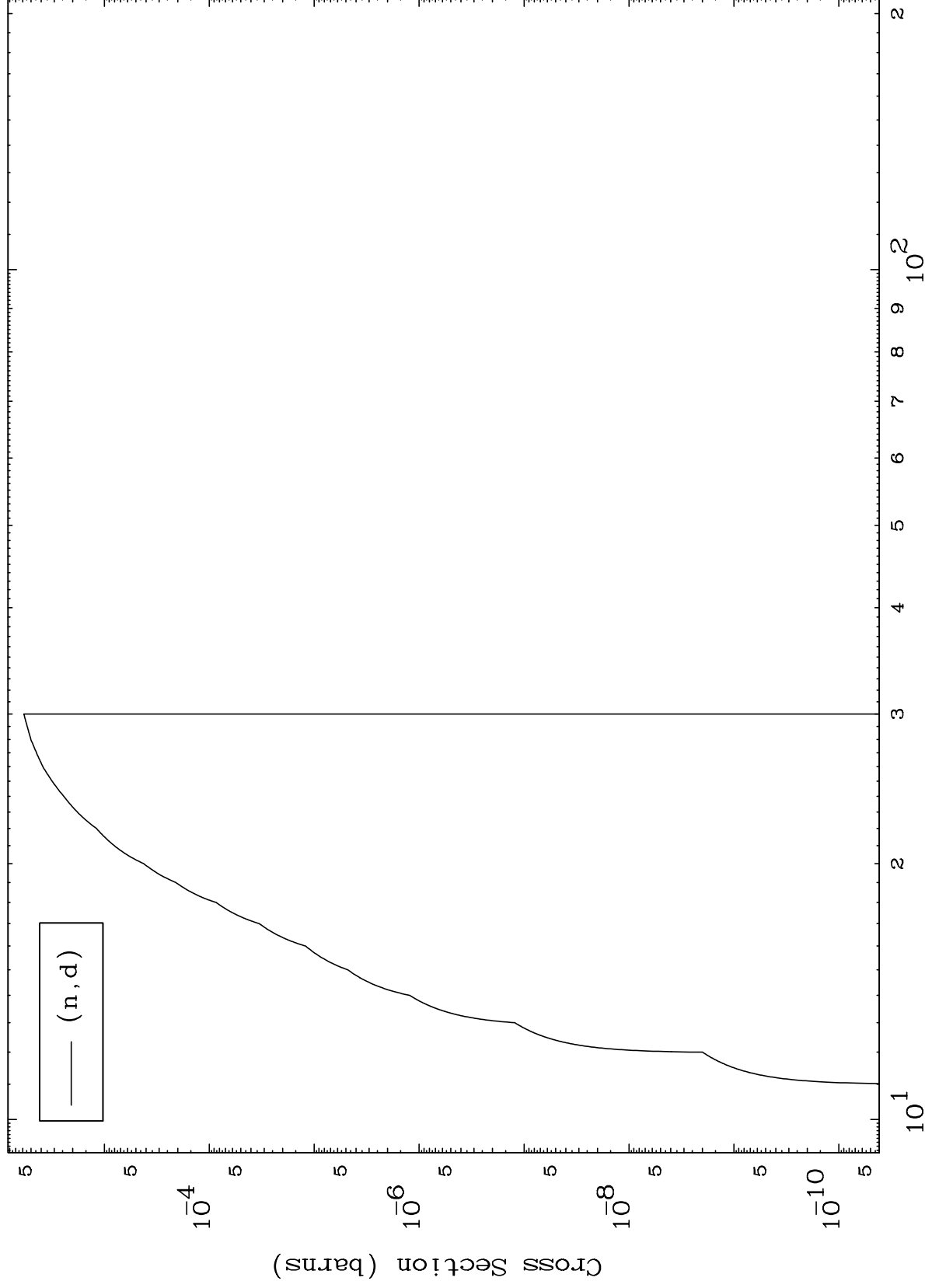
35-Br-79

MAT 3525

(α ,d) Levels

35-Br-79

0 Kelvin Cross Sections



8

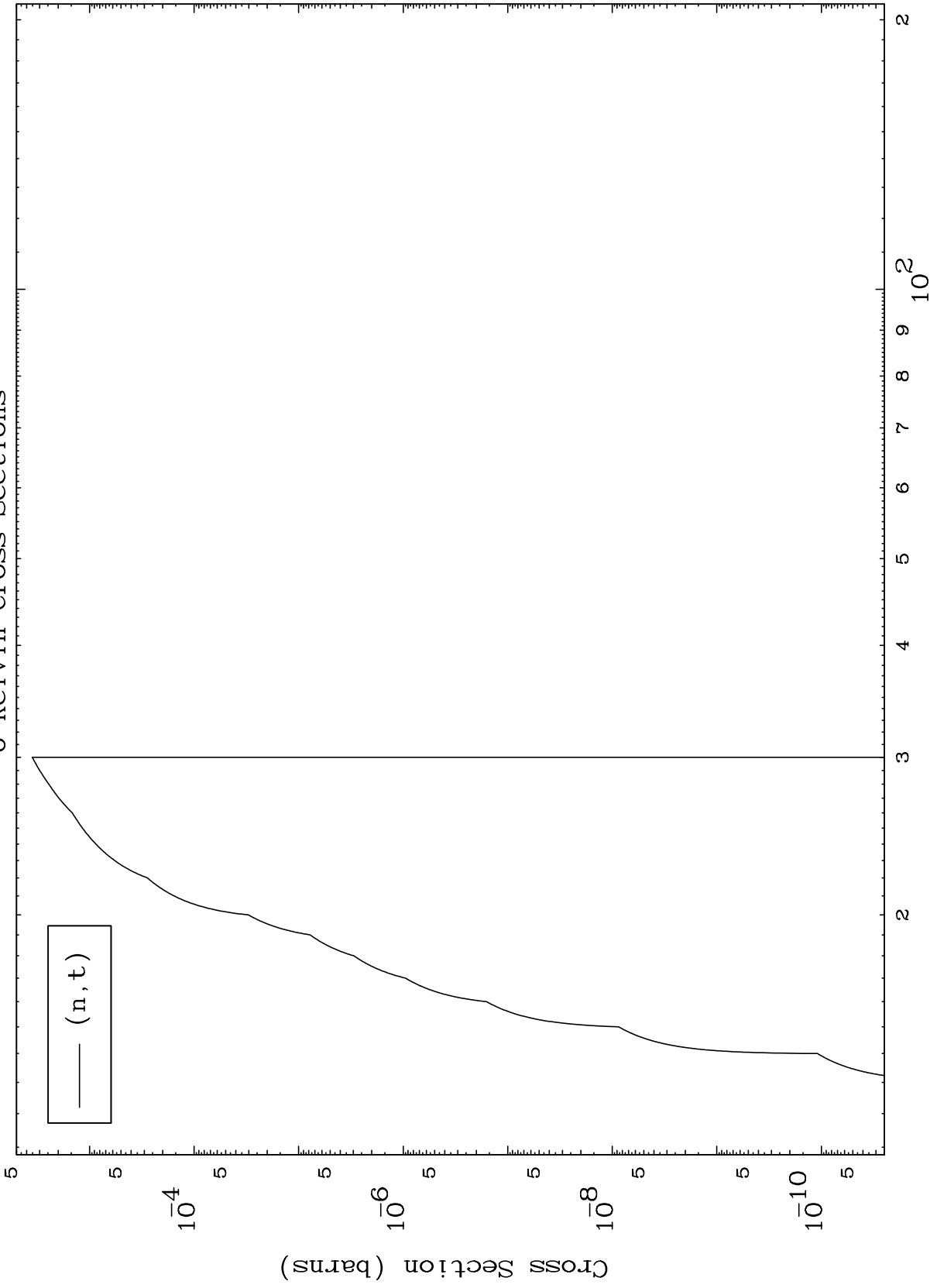
Incident Energy (MeV)

35-Br-79

MAT 3525

(α, t) Levels
0 Kelvin Cross Sections

35-Br-79



9

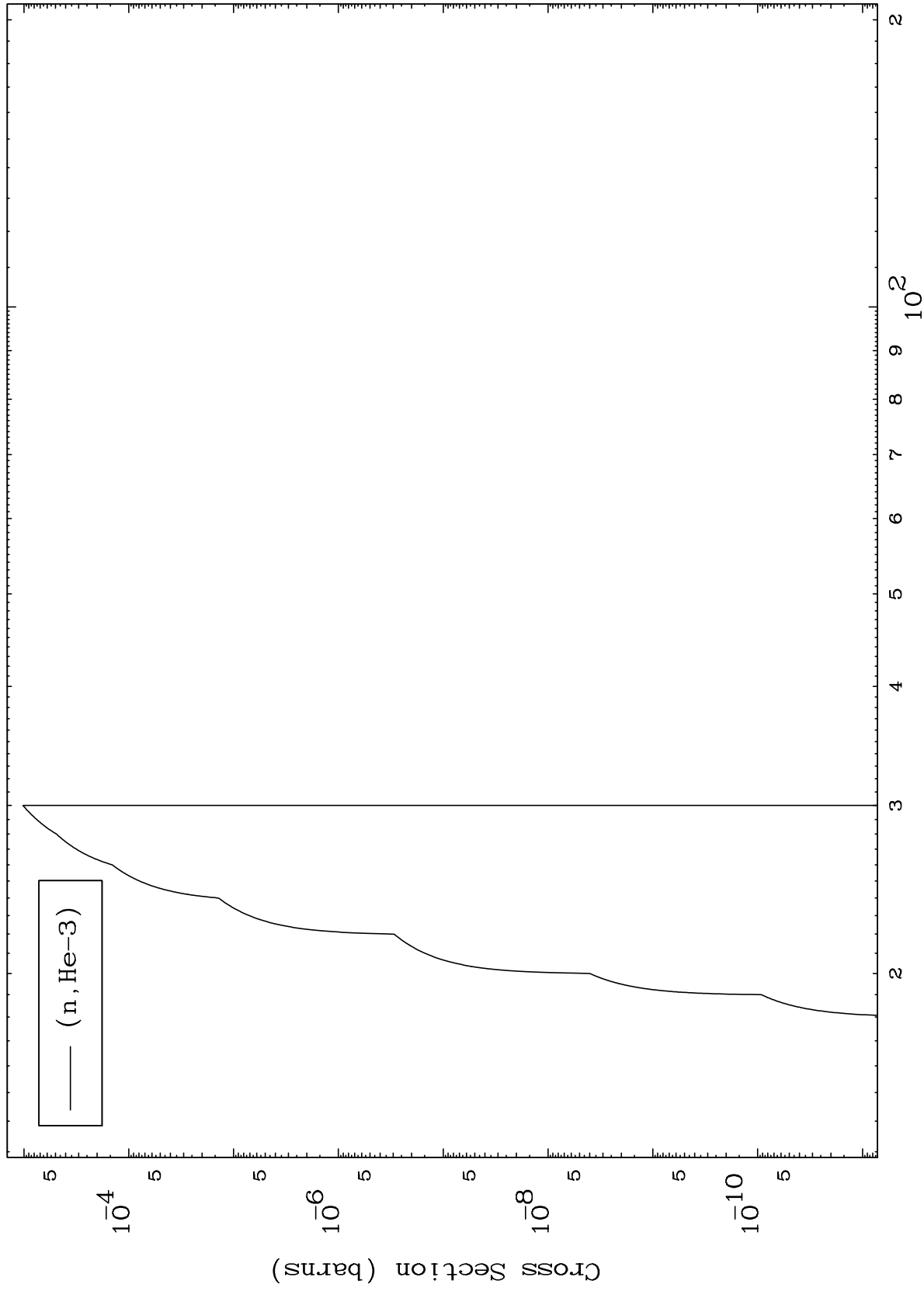
Incident Energy (MeV)

35-Br-79

MAT 3525

(α ,He3) Levels
0 Kelvin Cross Sections

35-Br-79



10

Incident Energy (MeV)

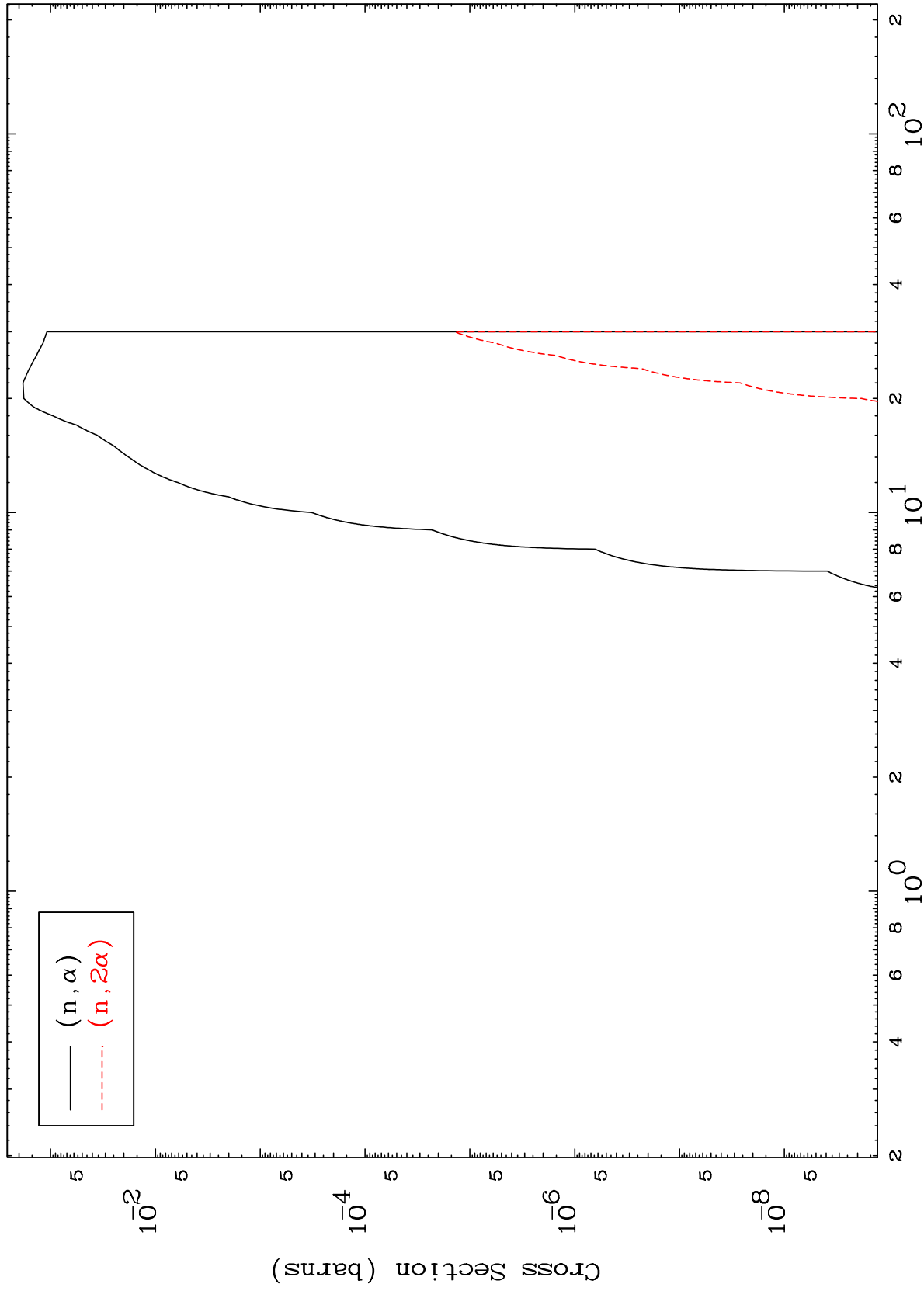
35-Br-79

MAT 3525

(α, α) Levels

35-Br-79

0 Kelvin Cross Sections



11

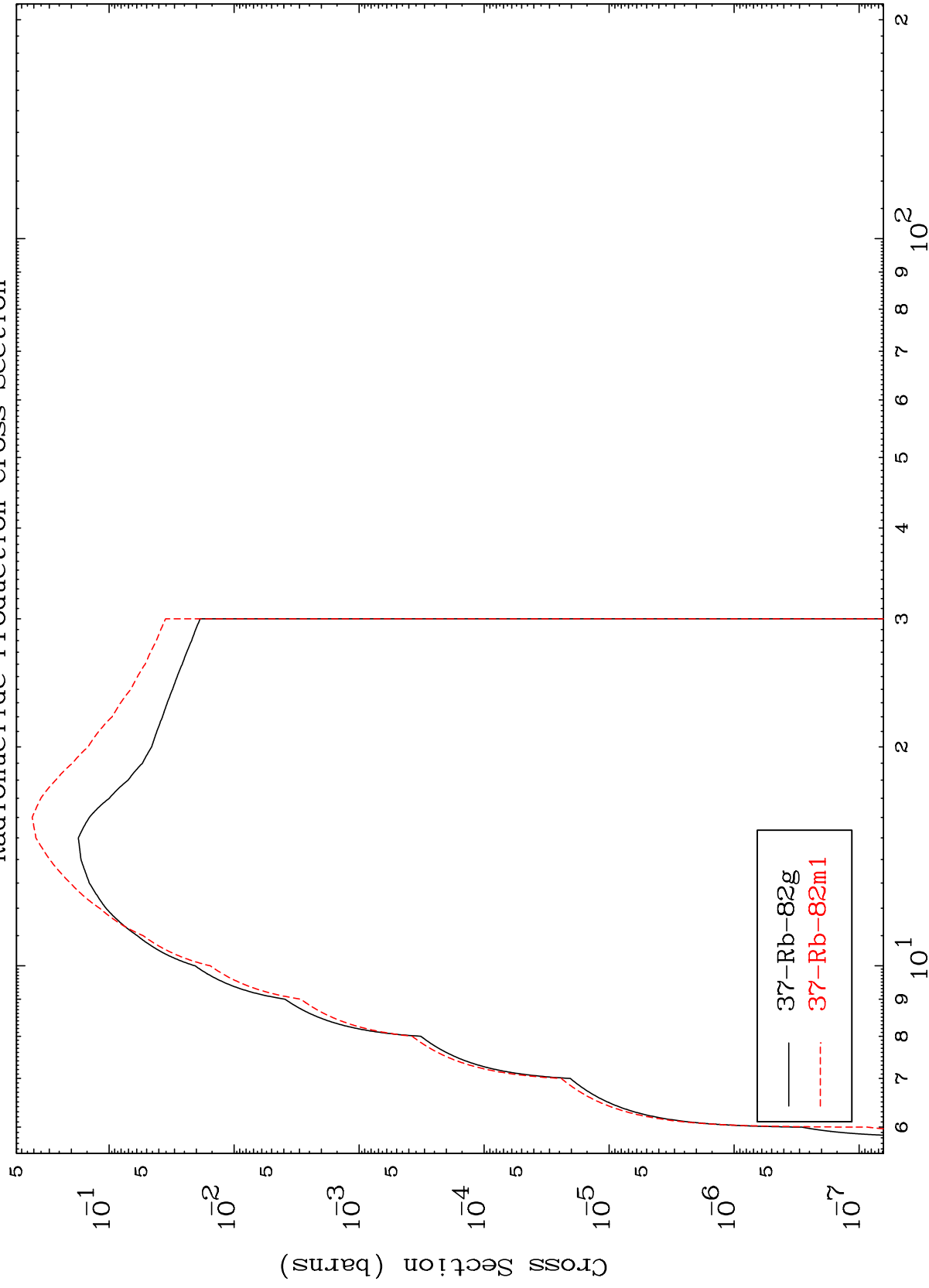
Incident Energy (MeV)

35-Br-79

MAT 3525

35-Br-79

Inelastic
Radionuclide Production Cross Section



12

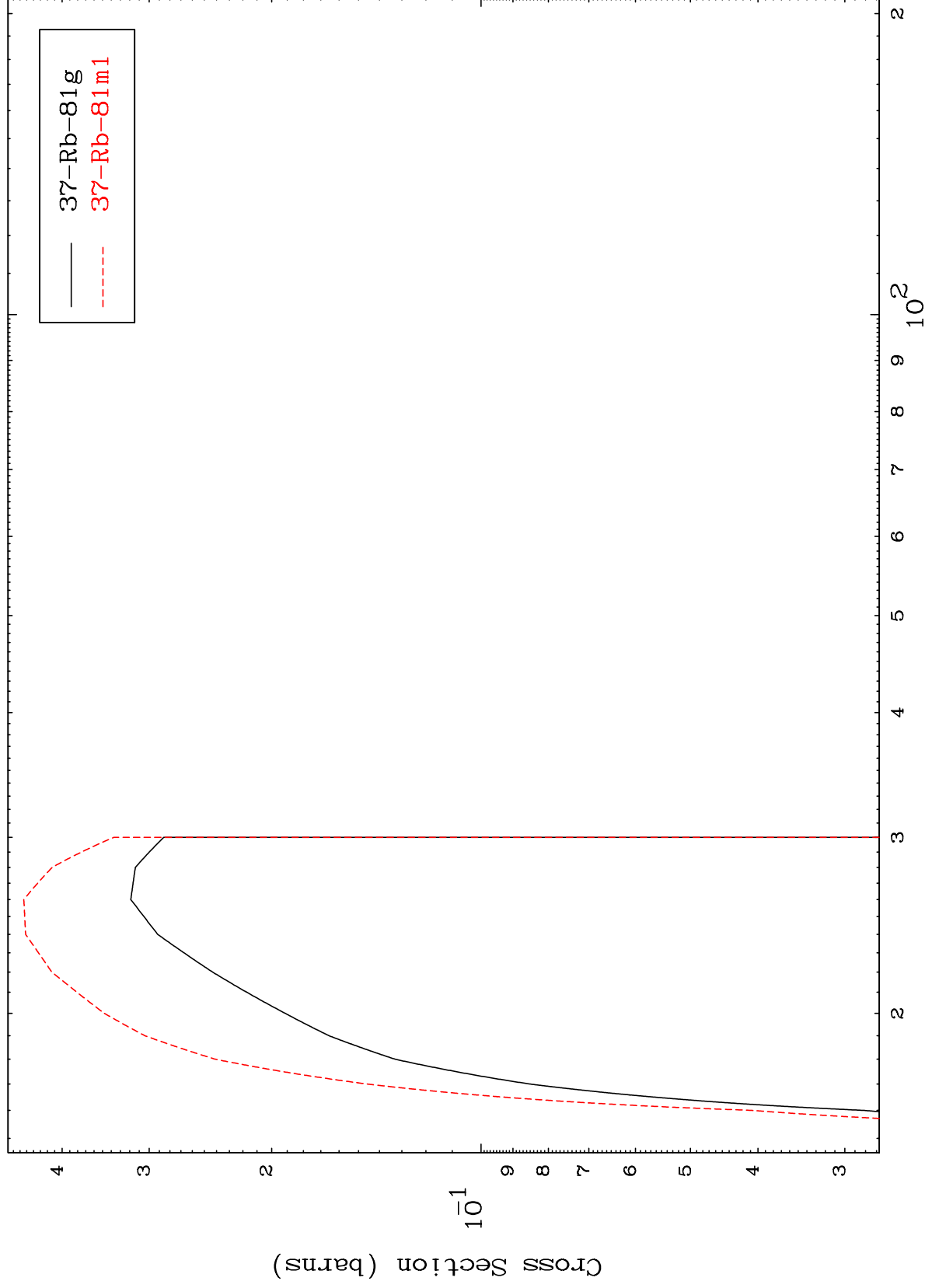
Incident Energy (MeV)

35-Br-79

MAT 3525

35-Br-79

(n,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

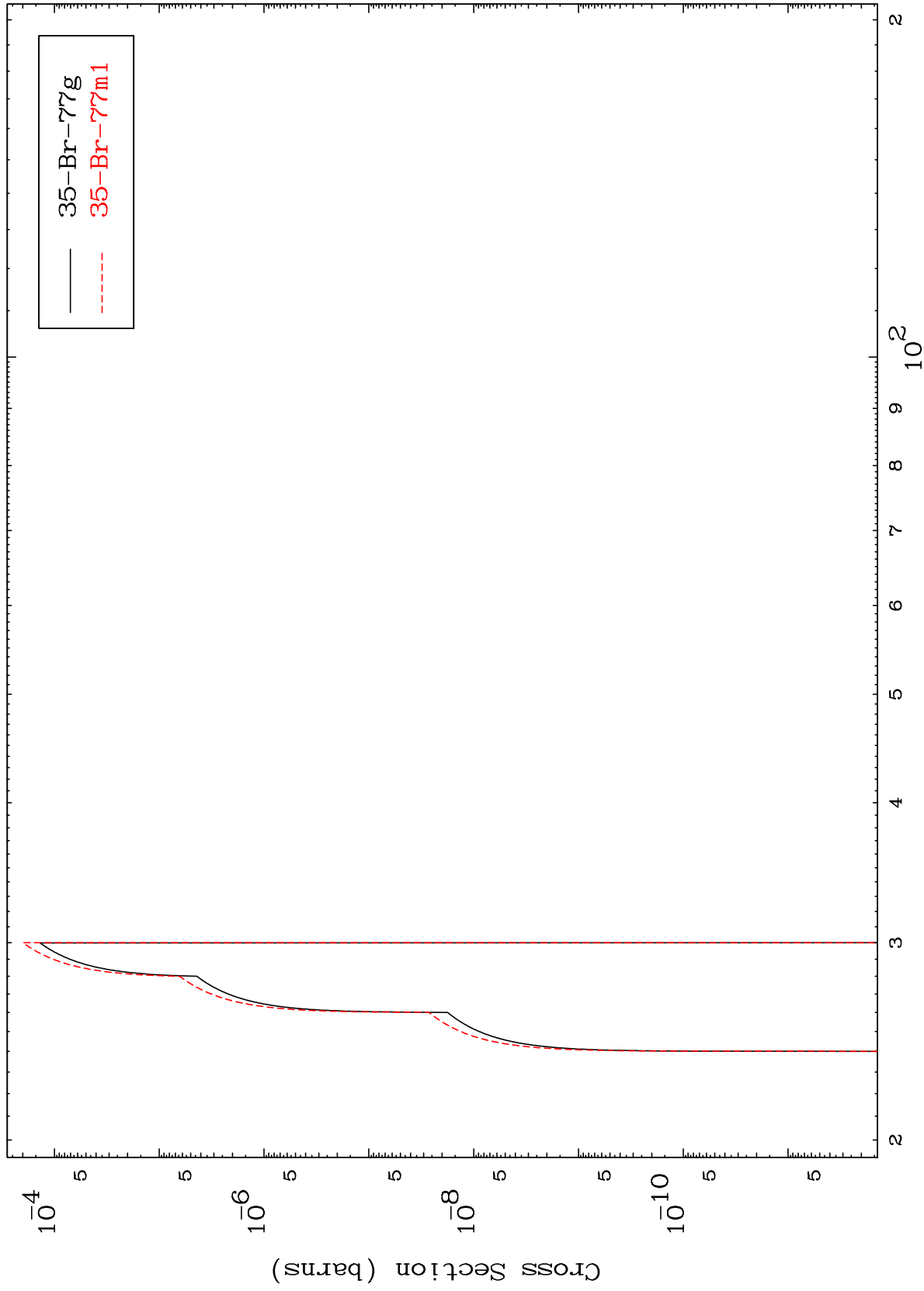
35-Br-79

MAT 3525

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

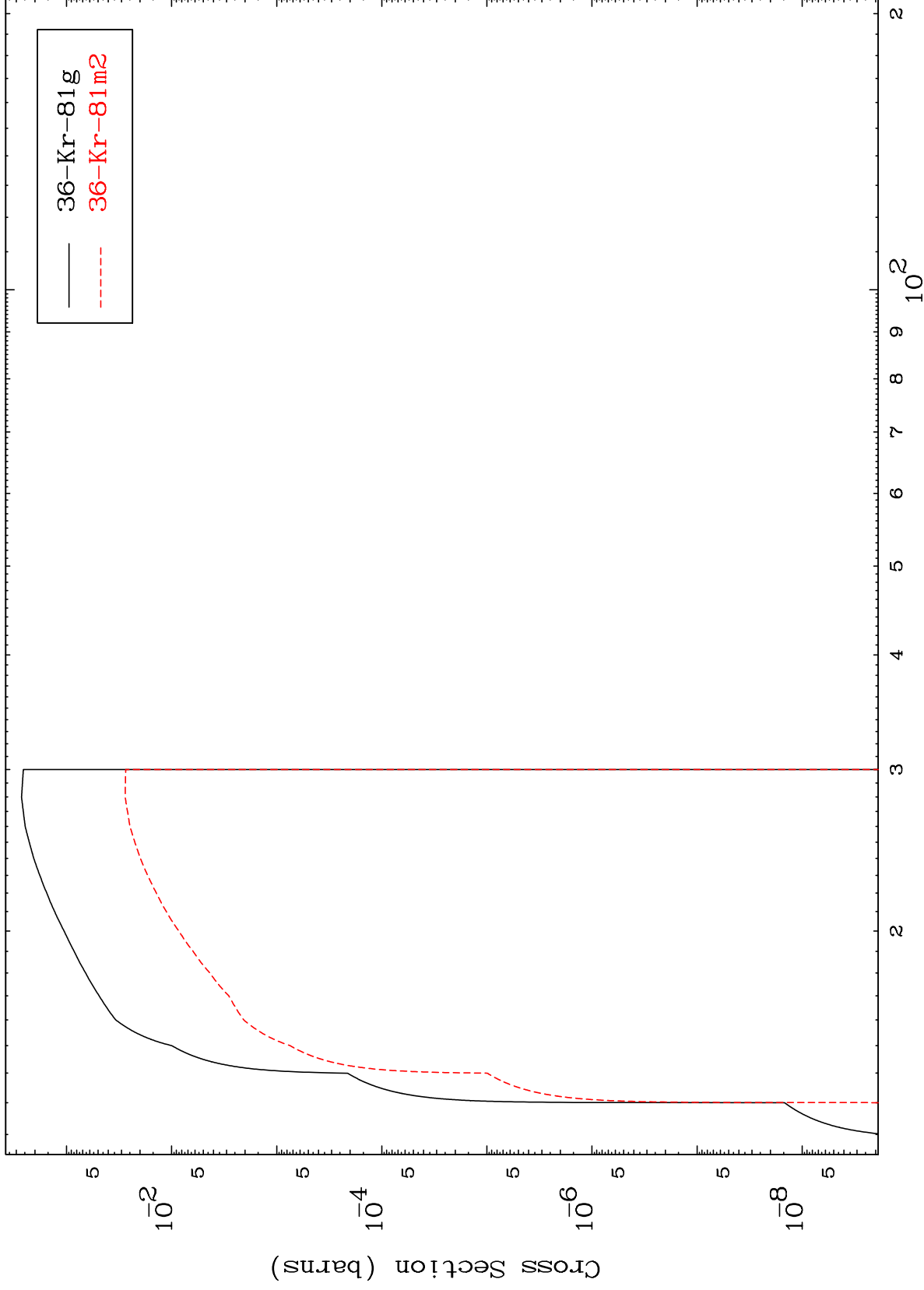
$^{35}\text{Br-79}$

MAT 3525

(n,n') p

35-Br-79

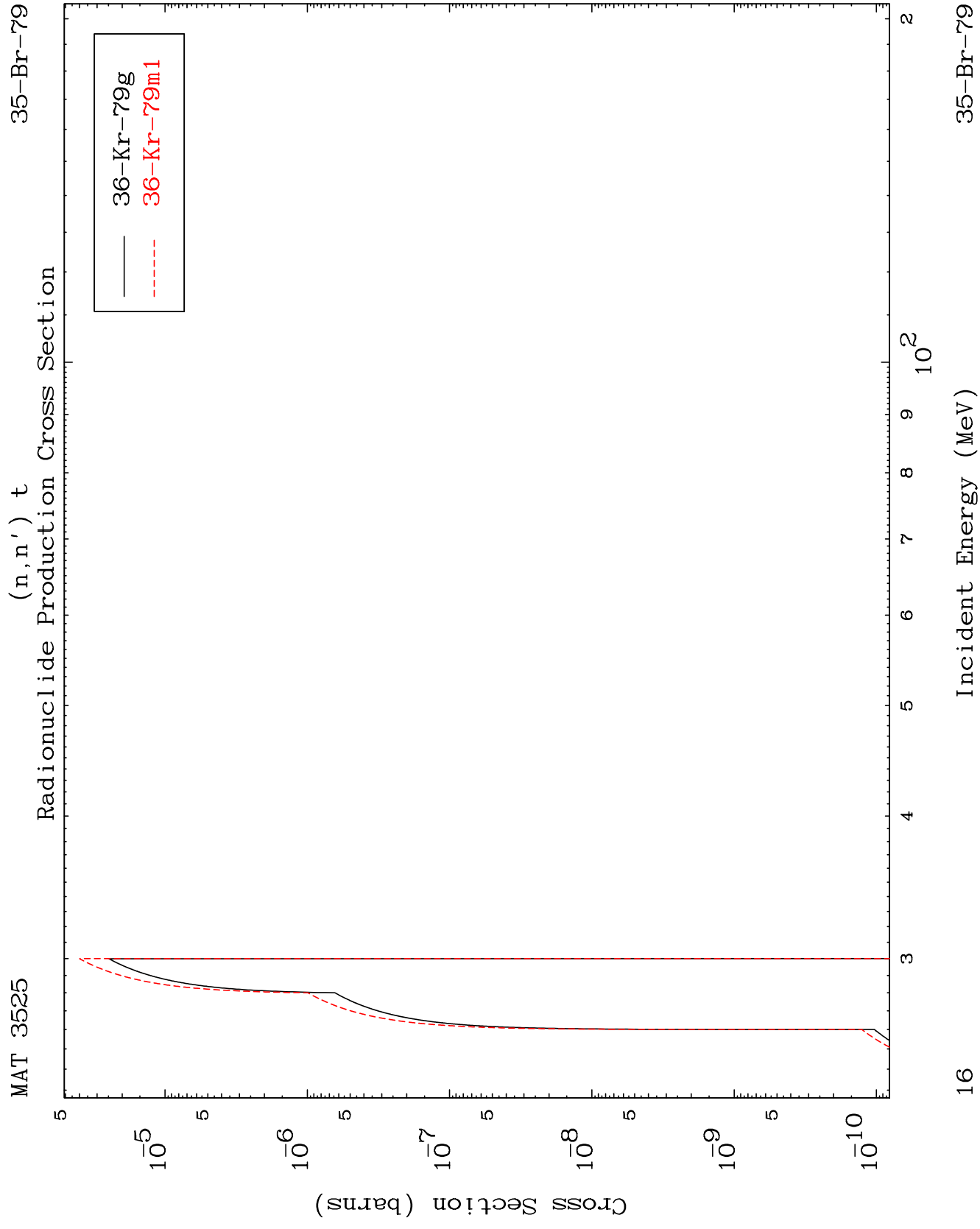
Radionuclide Production Cross Section



15

Incident Energy (MeV)

35-Br-79

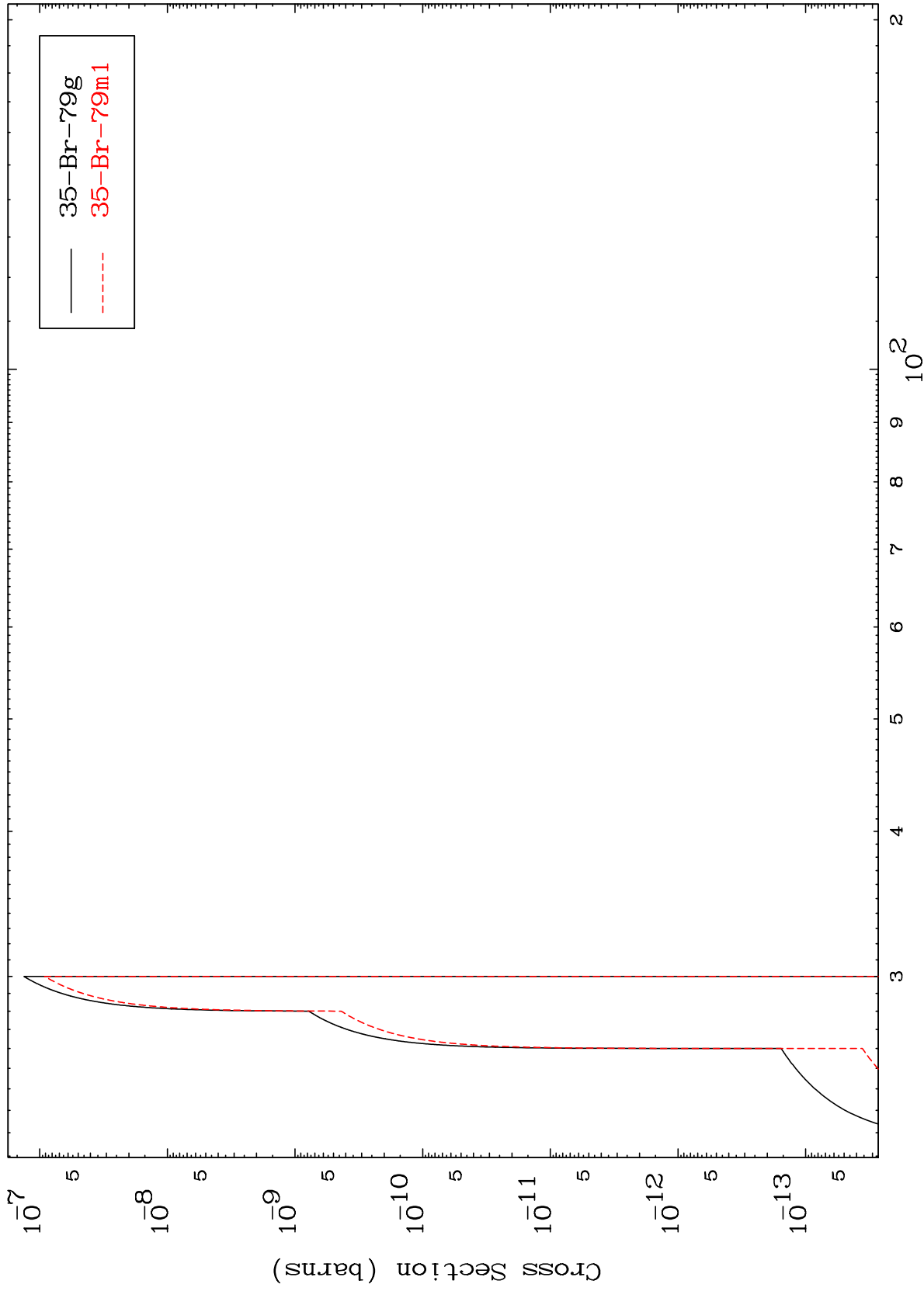


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(n,n') He-3

35-Br-79

Radionuclide Production Cross Section



17

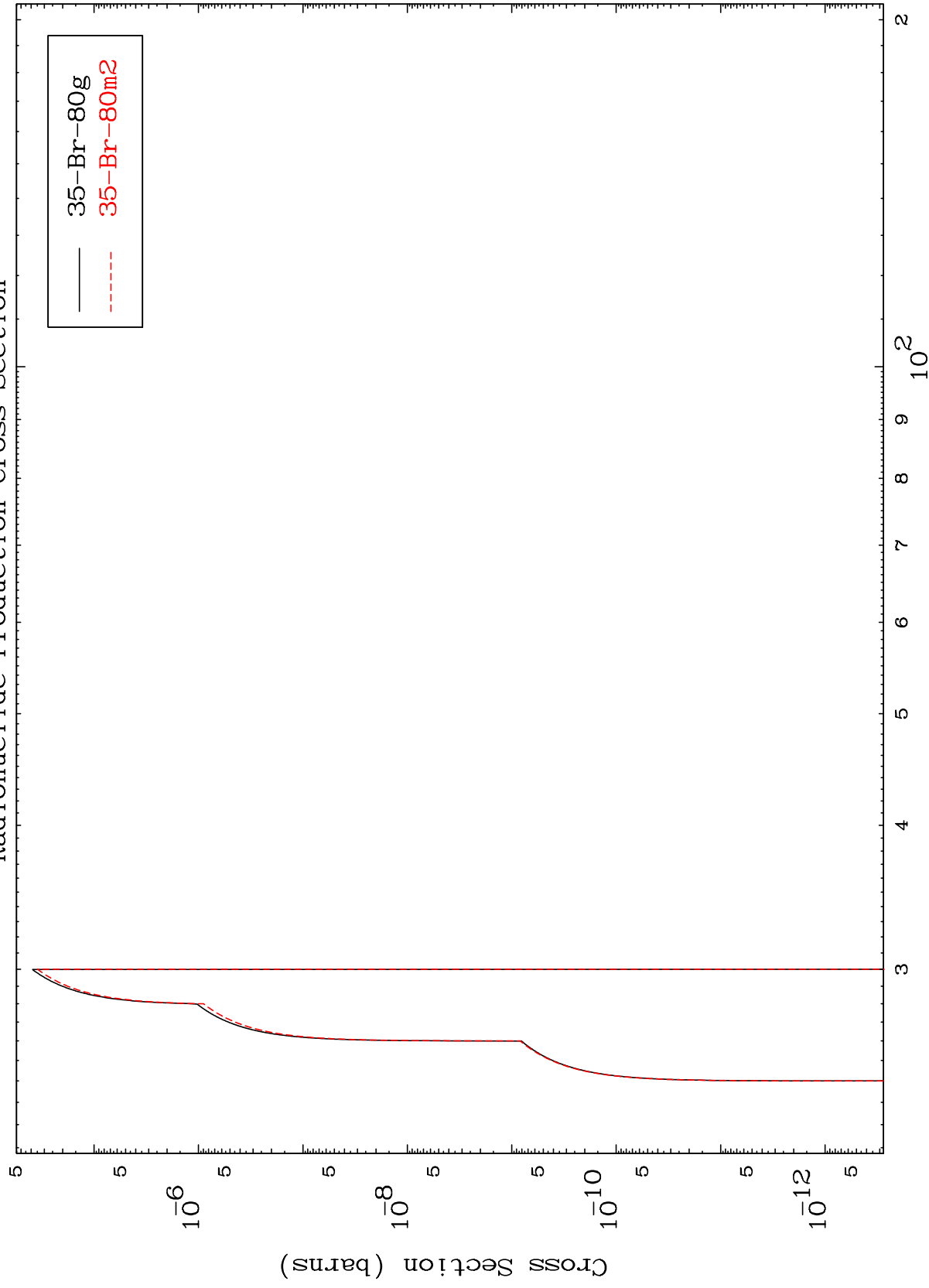
Incident Energy (MeV)

35-Br-79

MAT 3525

35-Br-79

(n,2n) p
Radionuclide Production Cross Section



18

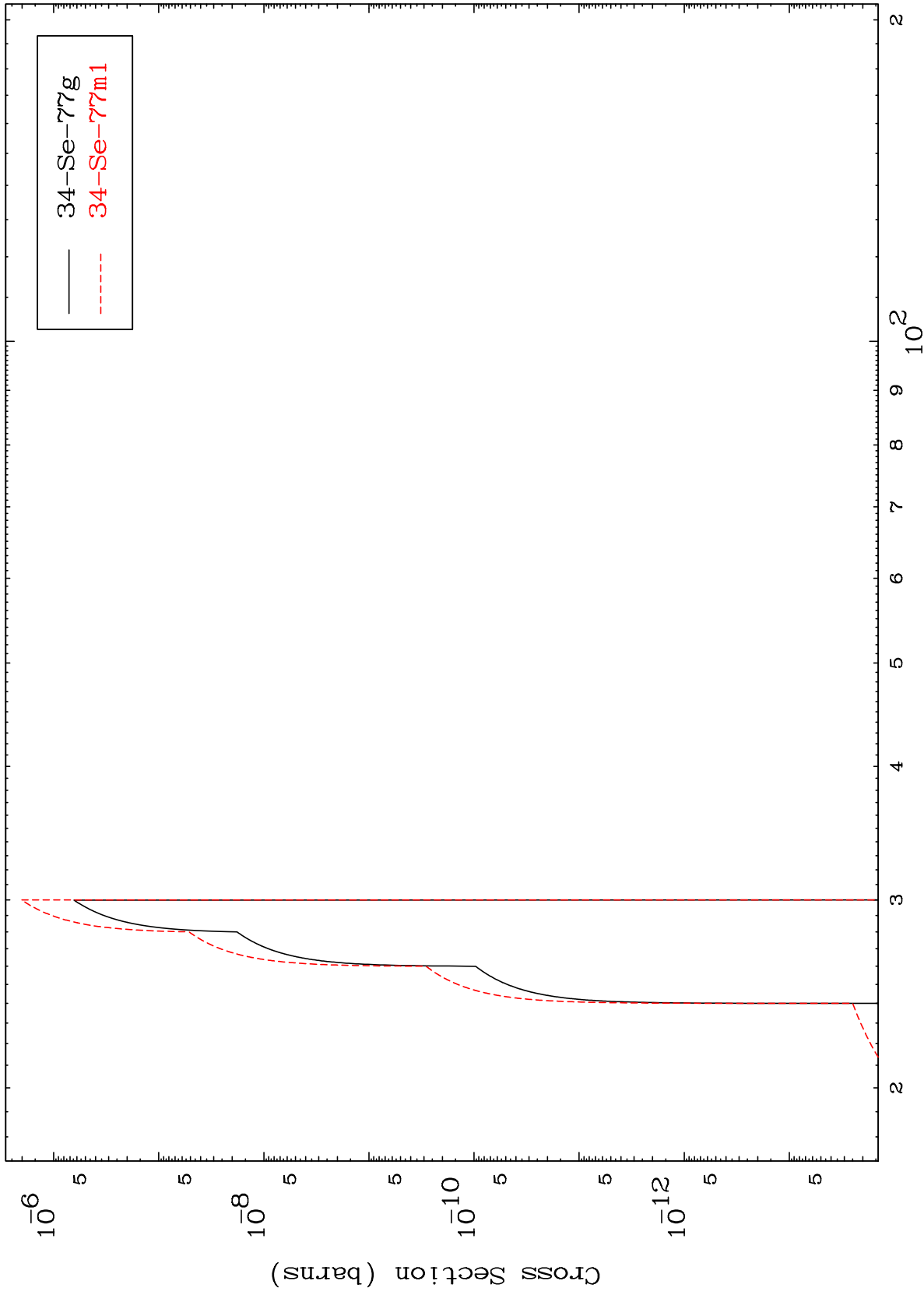
Incident Energy (MeV)

35-Br-79

MAT 3525

35-Br-79

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



19

Incident Energy (MeV)

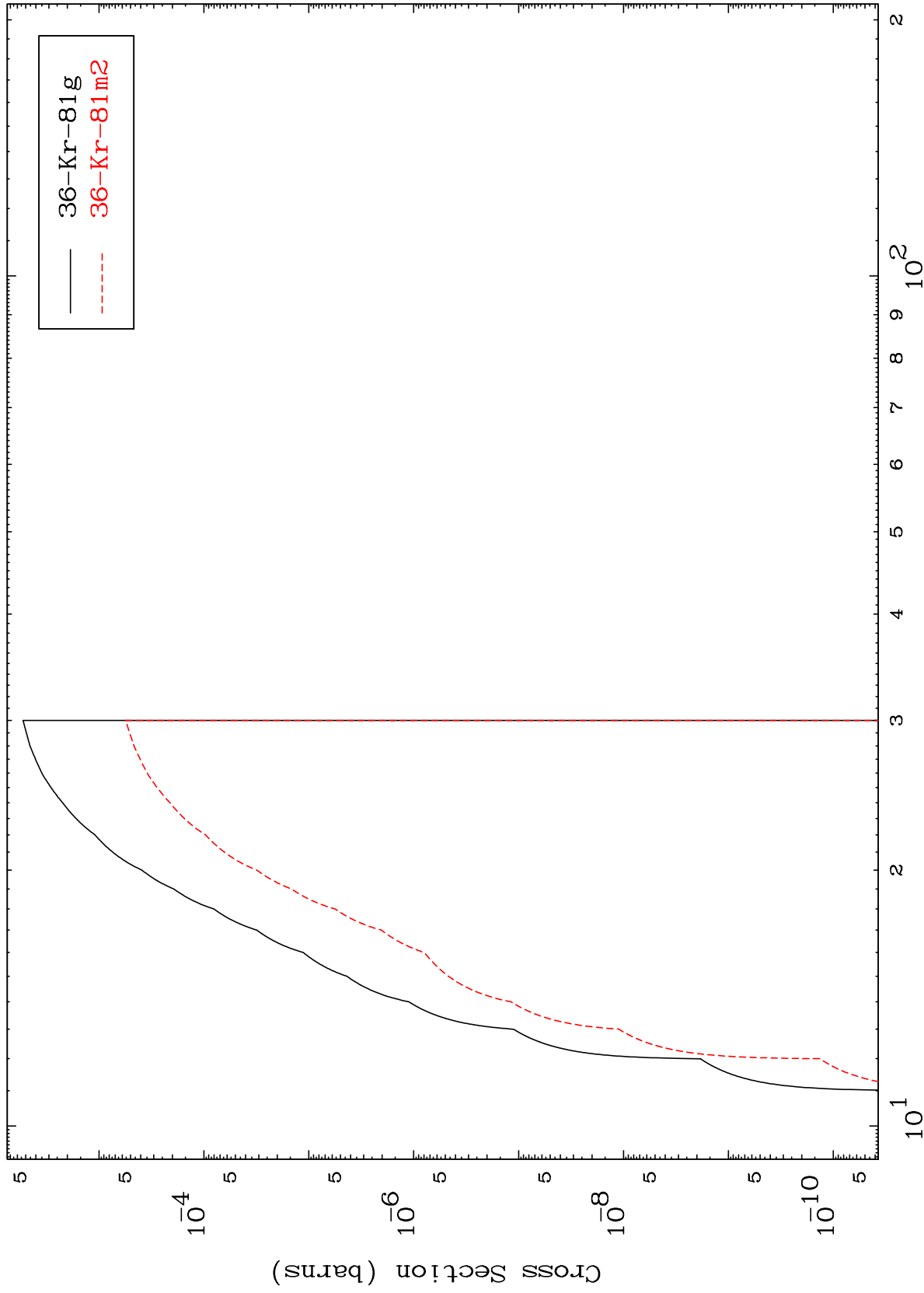
35-Br-79

MAT 3525

(n,d)

35-Br-79

Radionuclide Production Cross Section



20

Incident Energy (MeV)

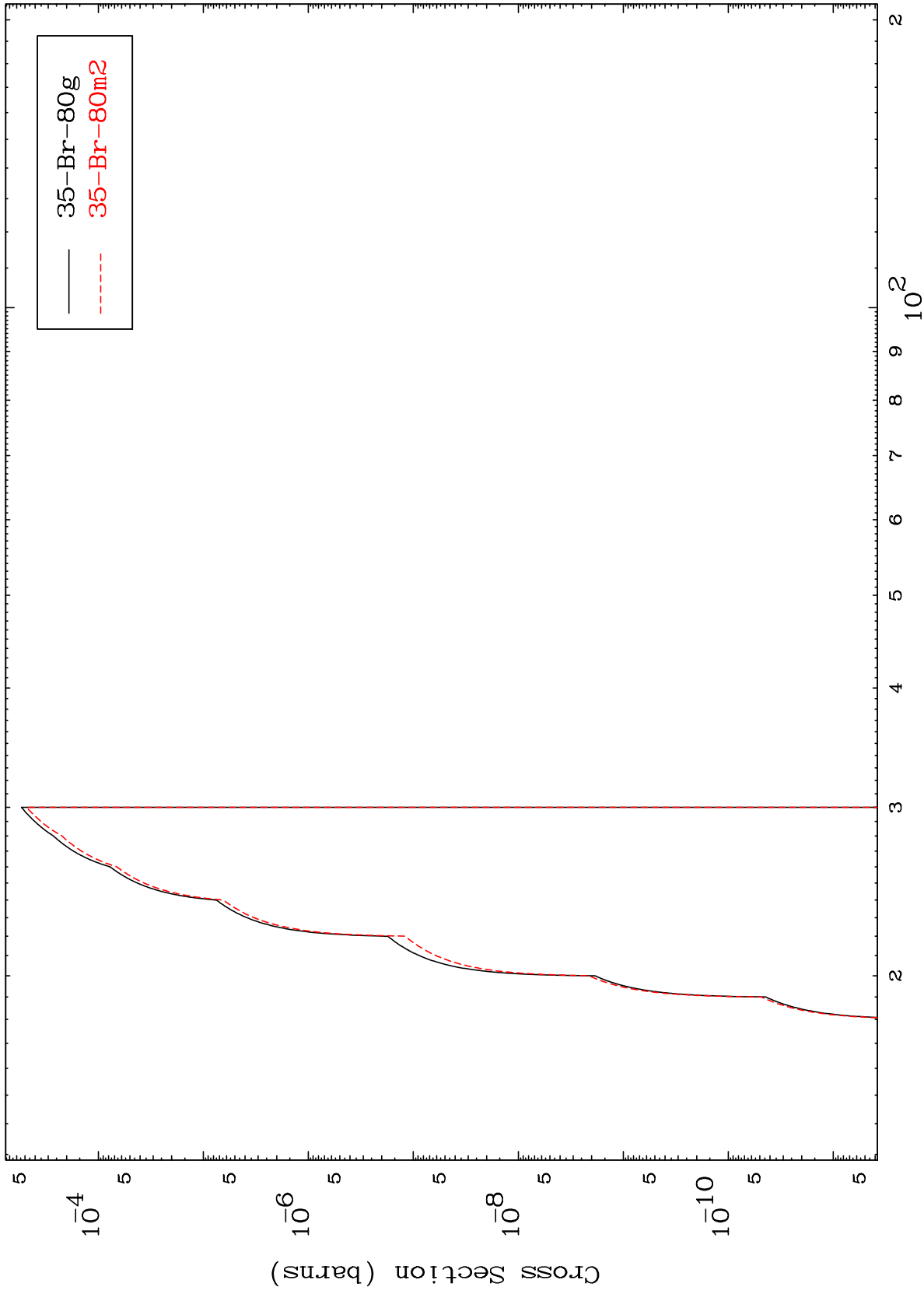
35-Br-79

MAT 3525

(n,He-3)

35-Br-79

Radionuclide Production Cross Section



21

Incident Energy (MeV)

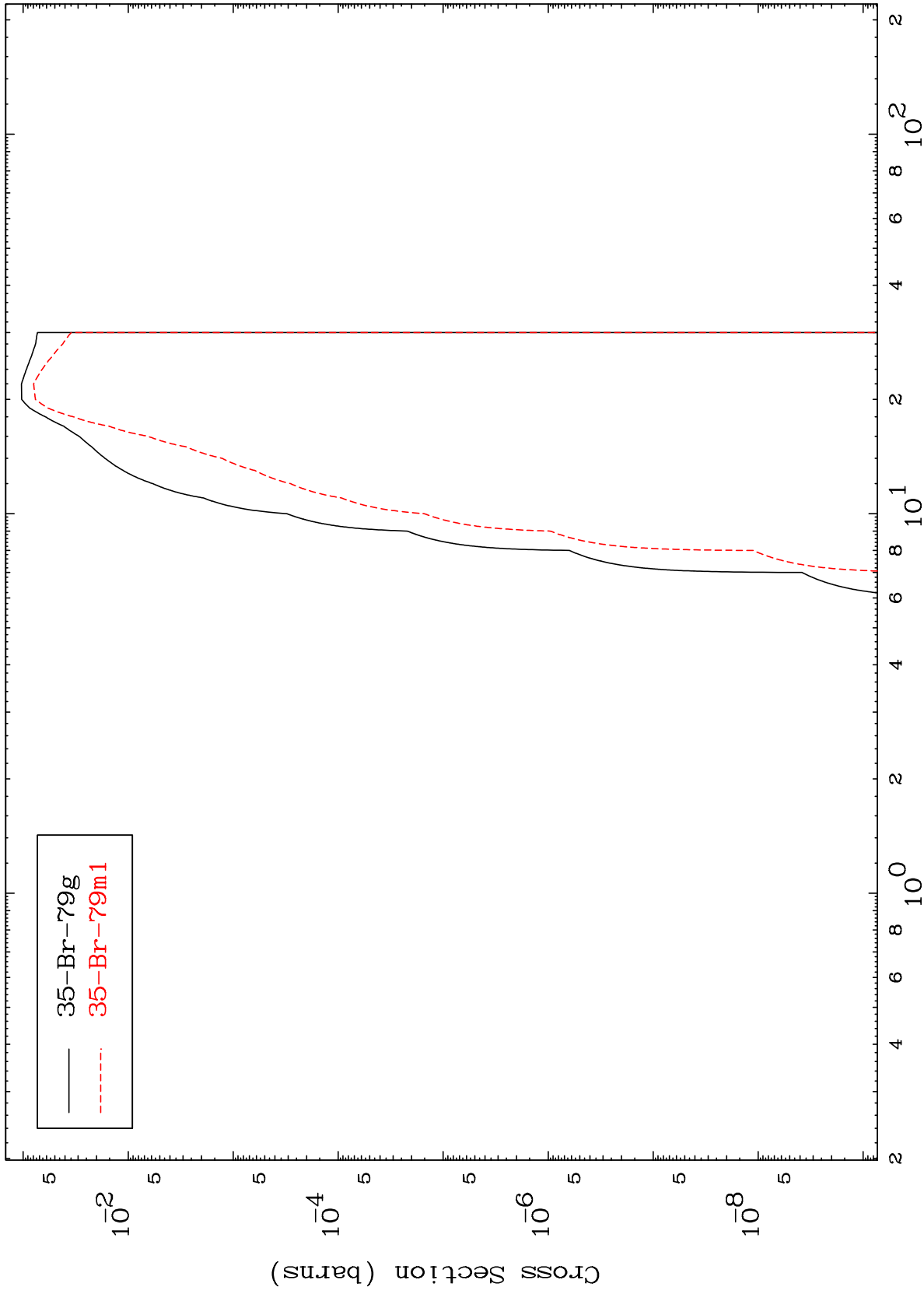
35-Br-79

MAT 3525

(n, α)

35-Br-79

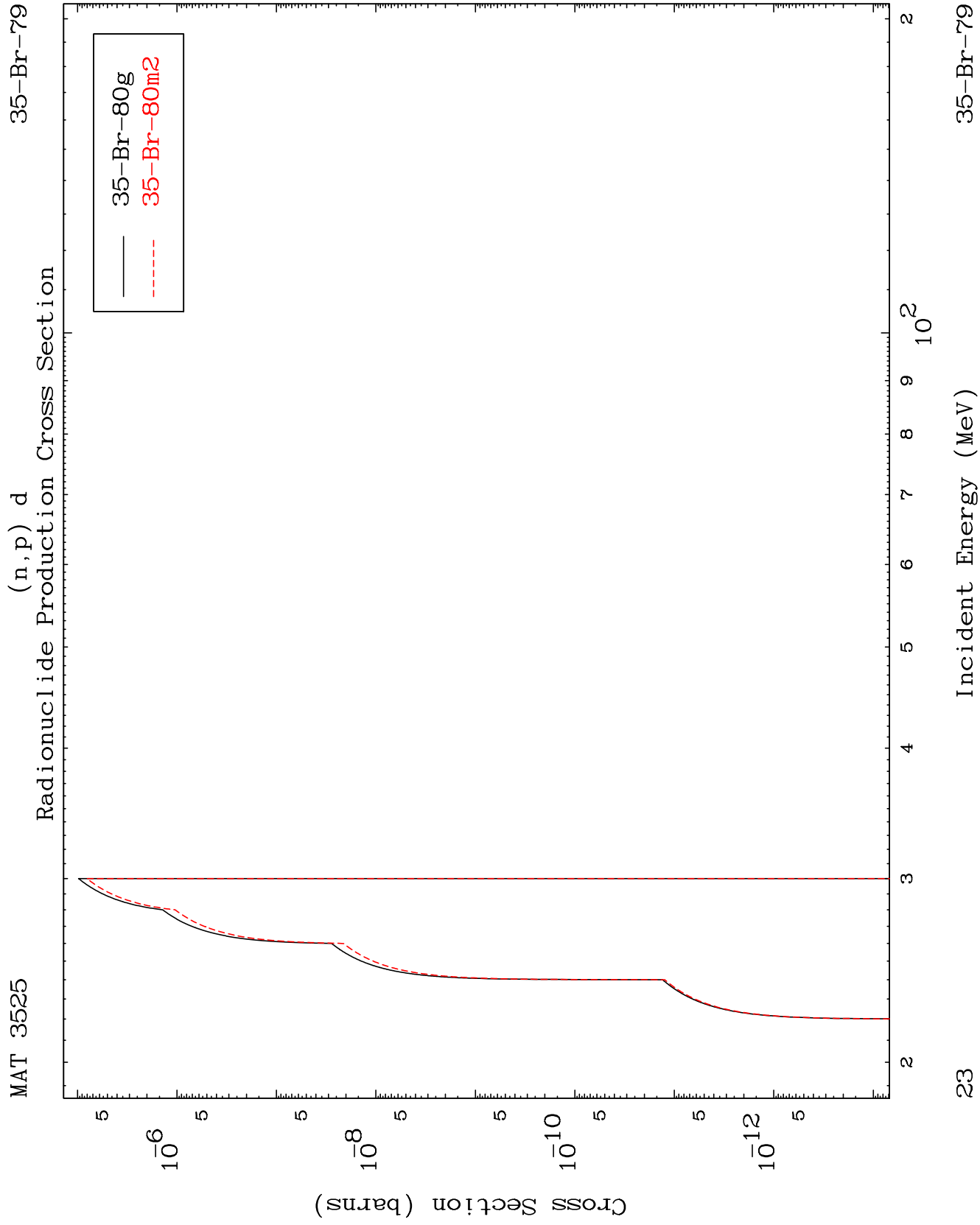
Radionuclide Production Cross Section

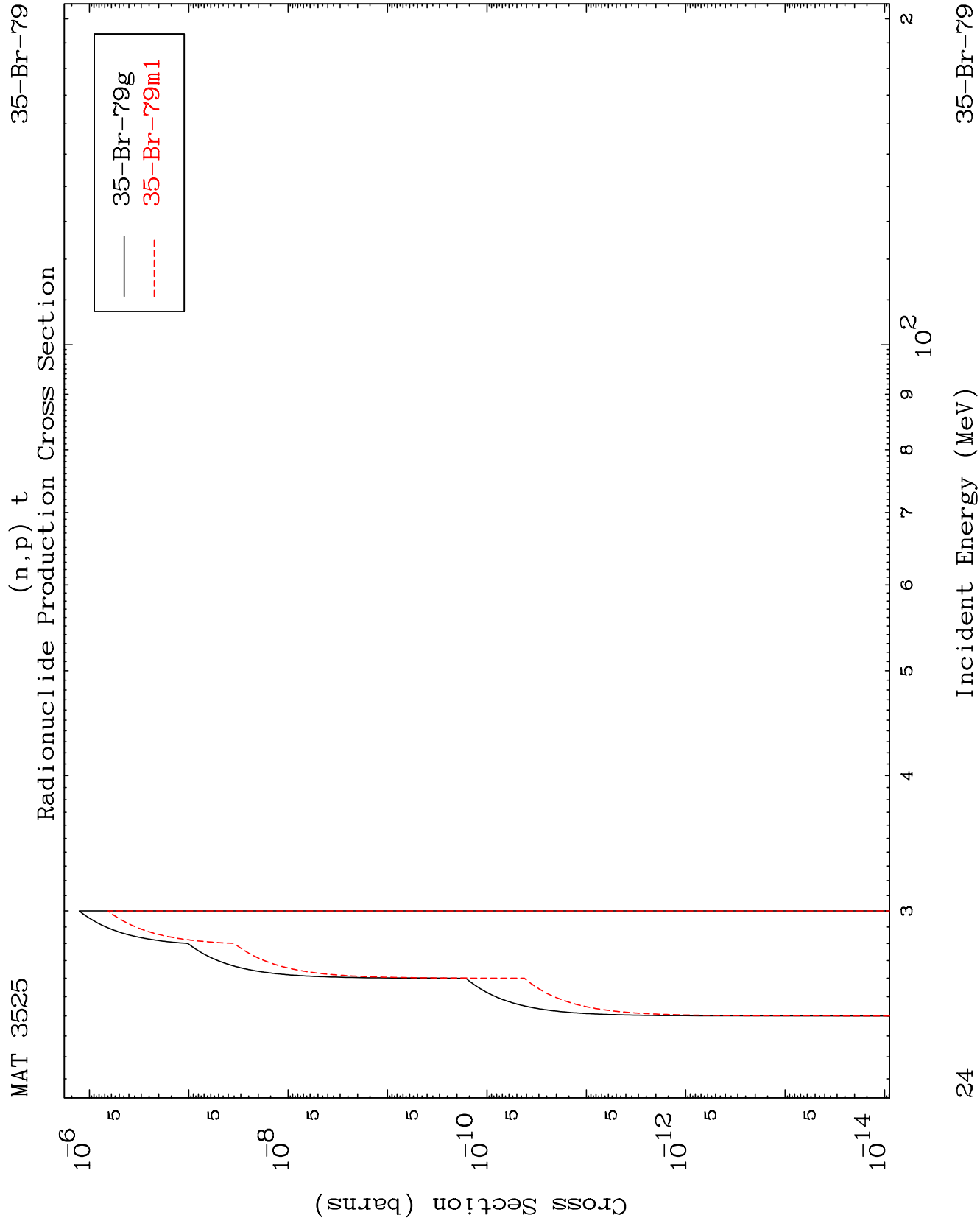


22

Incident Energy (MeV)

35-Br-79

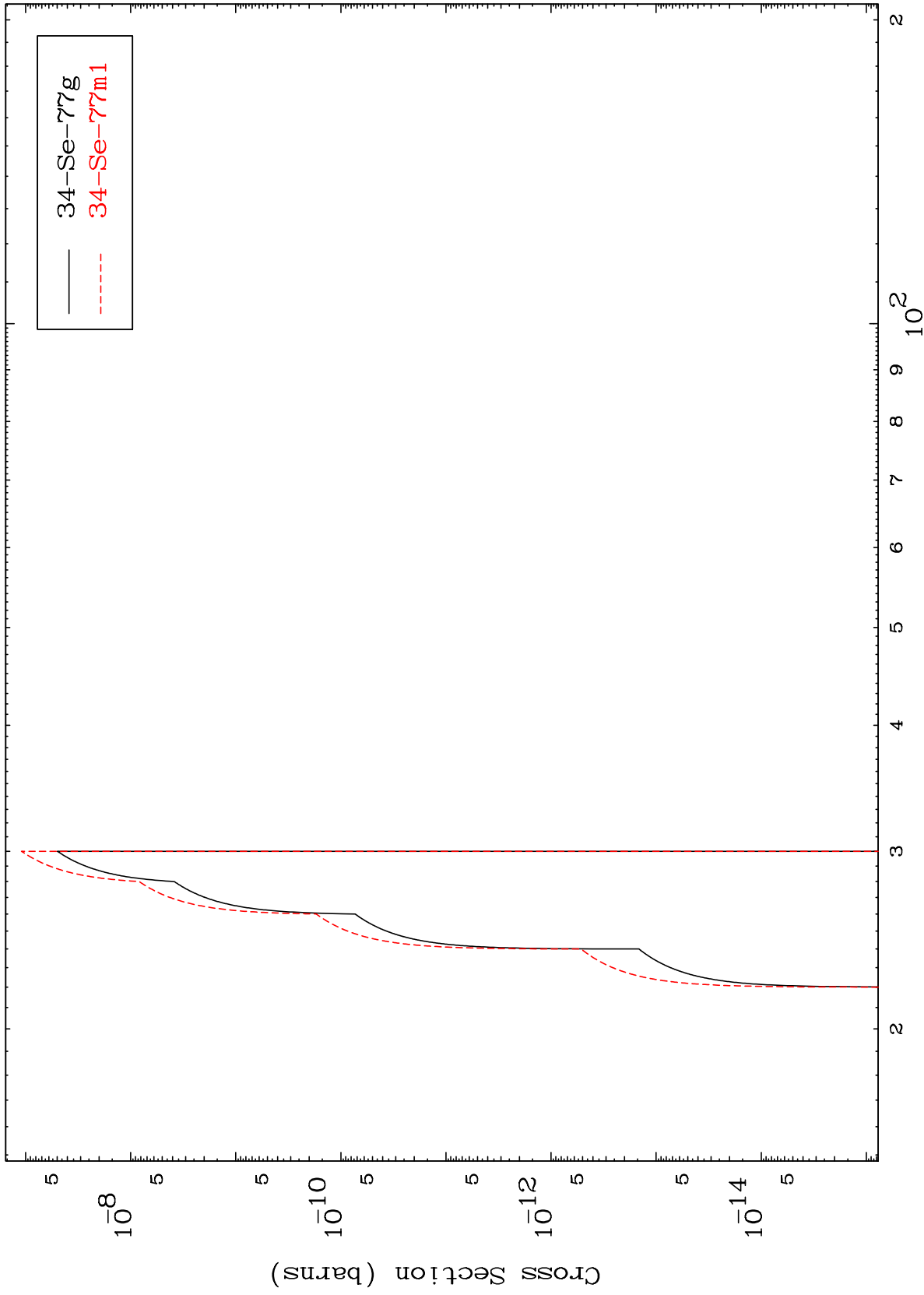




MAT 3525

35-Br-79

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



25

Incident Energy (MeV)

35-Br-79