

Program EVALPLOT
(Version 2021-1)

by

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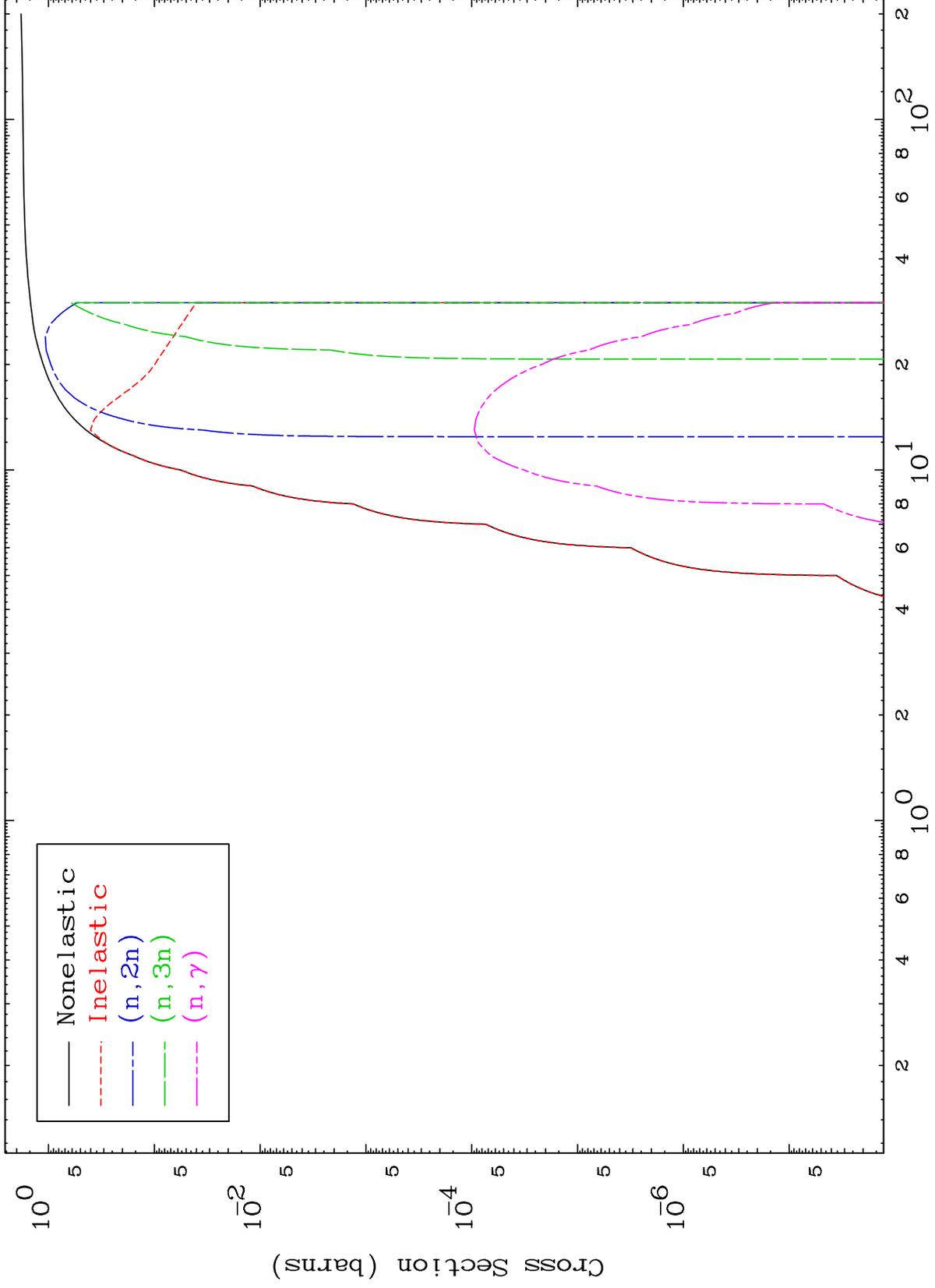
Press Mouse Button to Start

MAT 3441

0 Kelvin

α Major Cross Sections

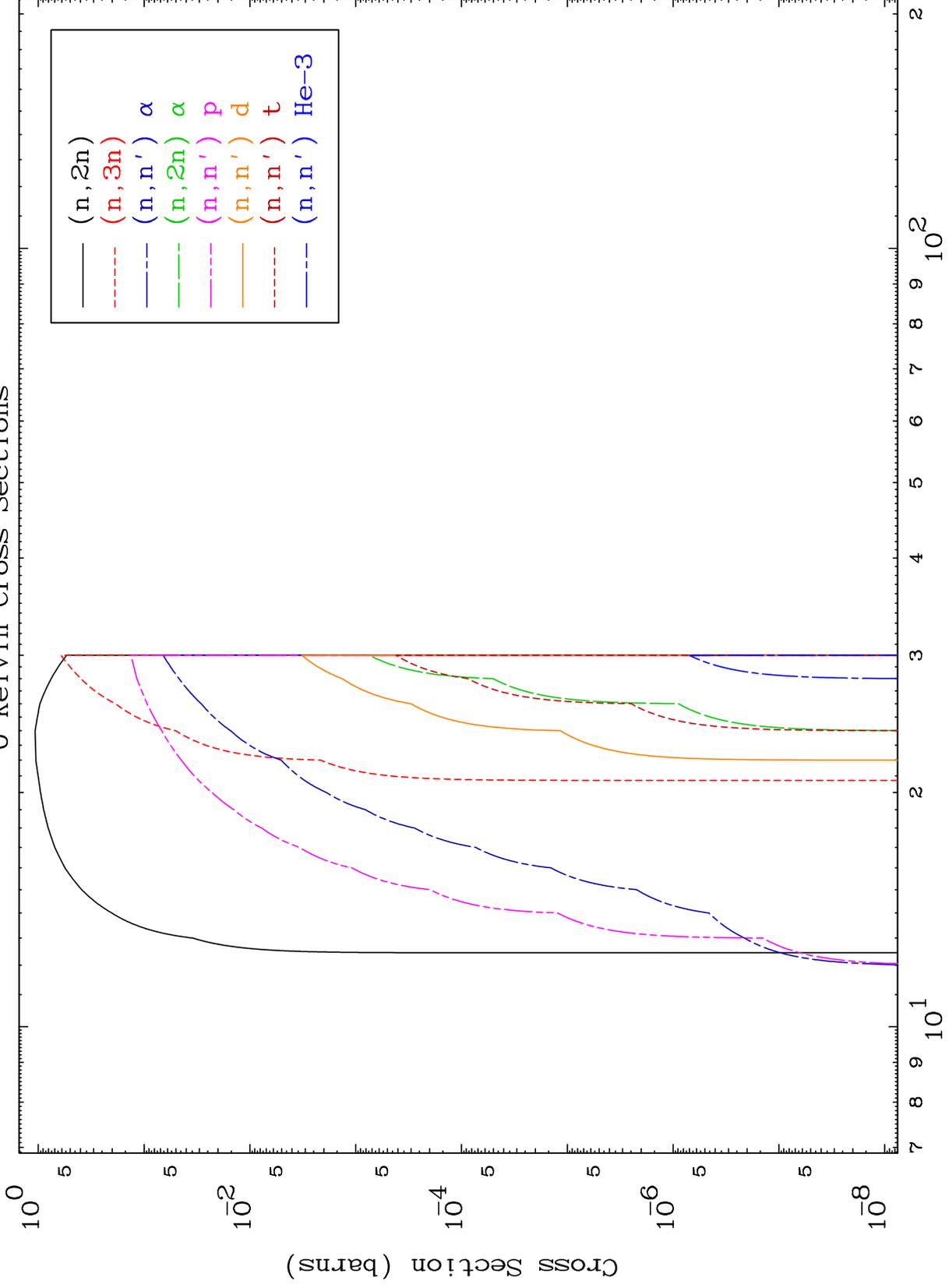
³⁴Se-79m



MAT 3441

α Neutron Absorption
0 Kelvin Cross Sections

$^{34}\text{Se-79m}$



2

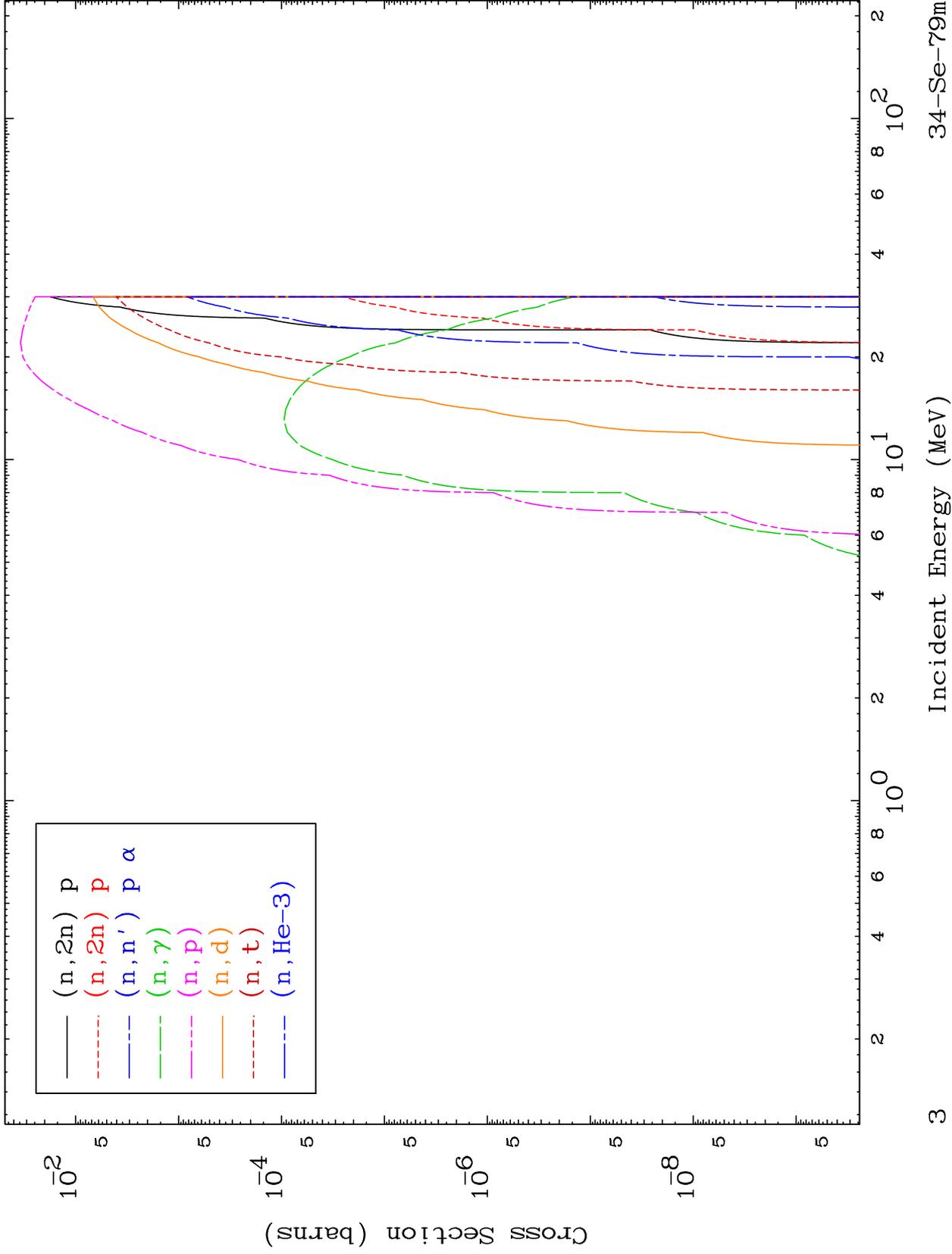
Incident Energy (MeV)

$^{34}\text{Se-79m}$

MAT 3441

α Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-79m

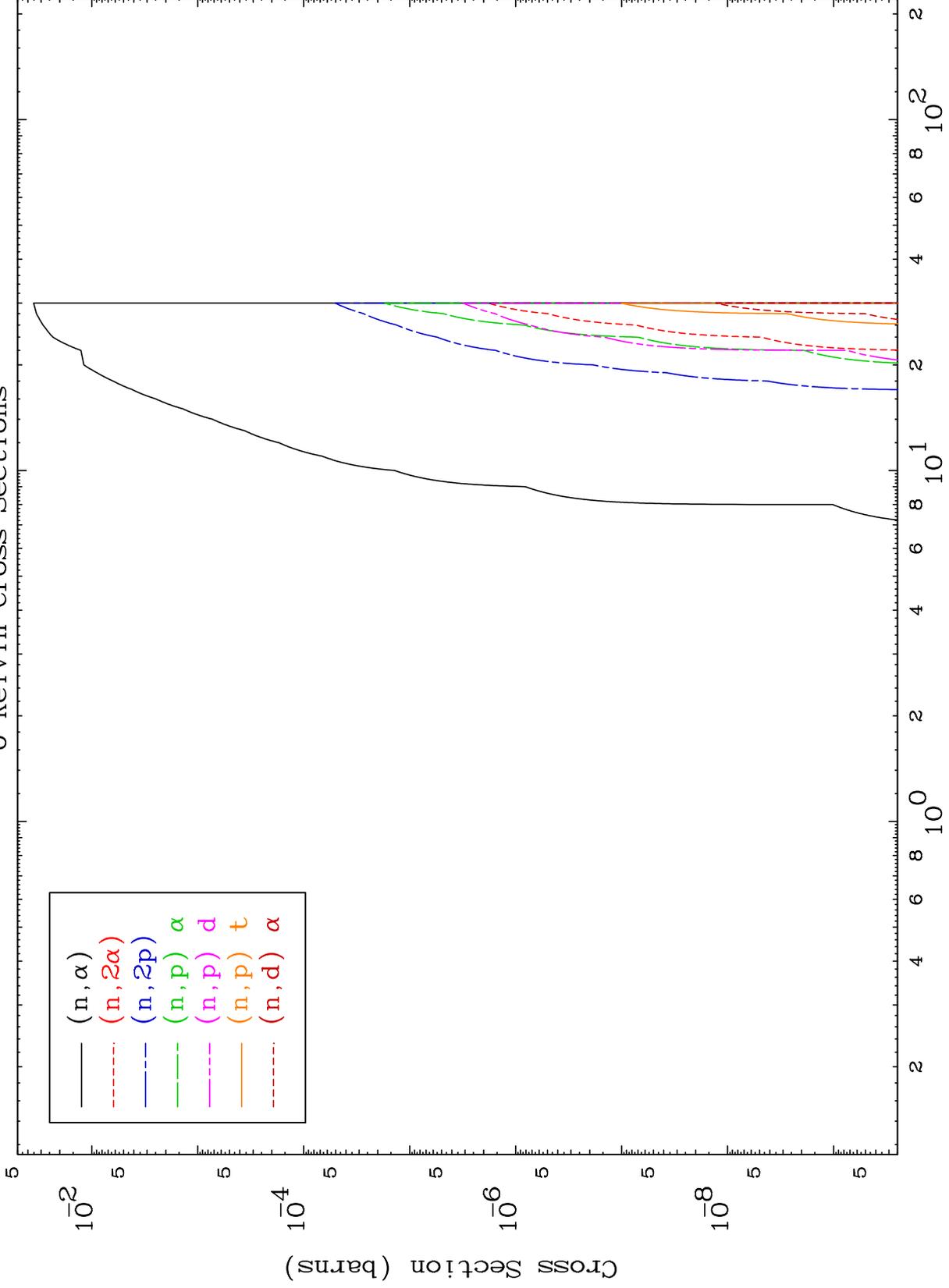


MAT 3441

α Neutron Absorption

34-Se-79m

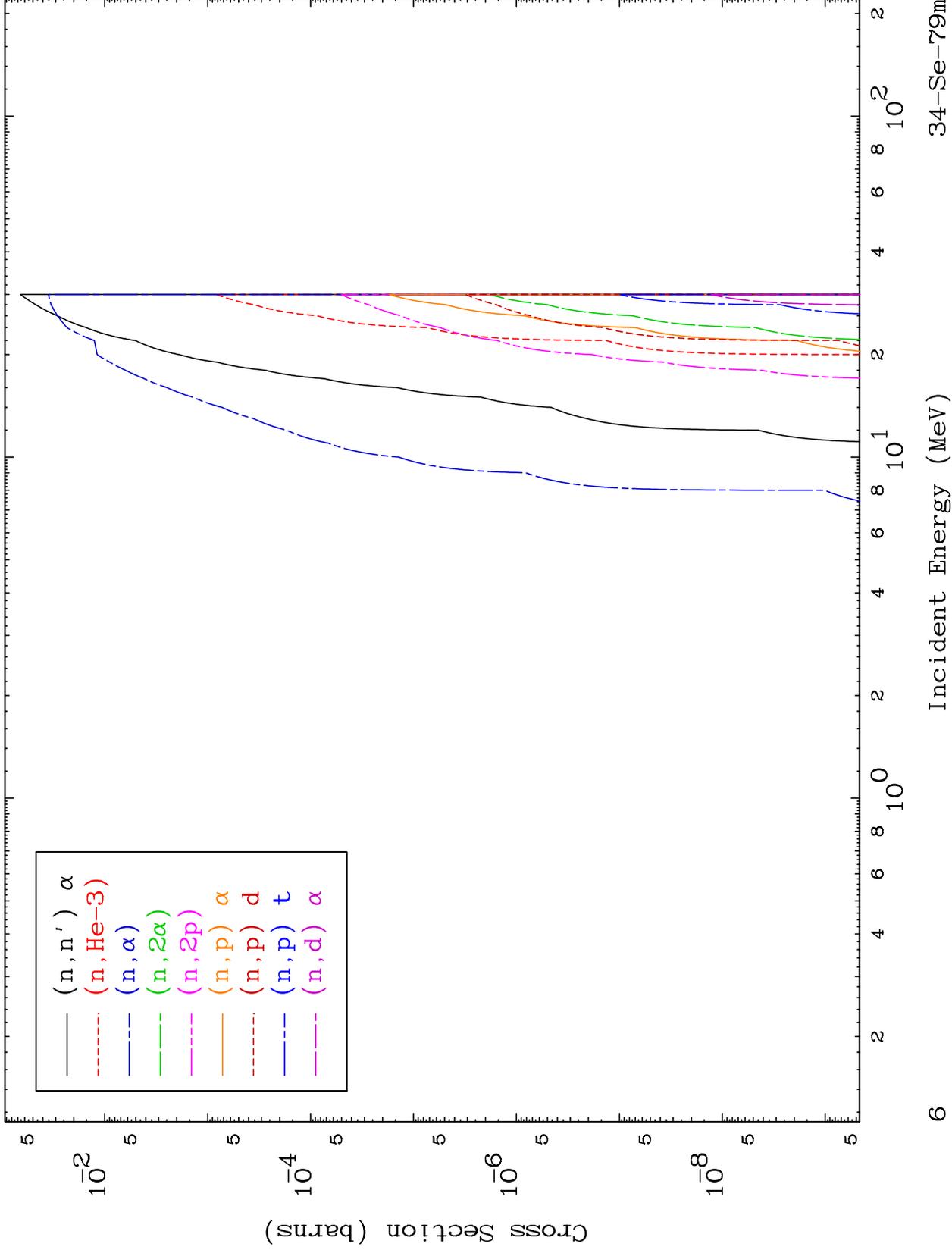
0 Kelvin Cross Sections



MAT 3441

α Charged Particle
0 Kelvin Cross Sections

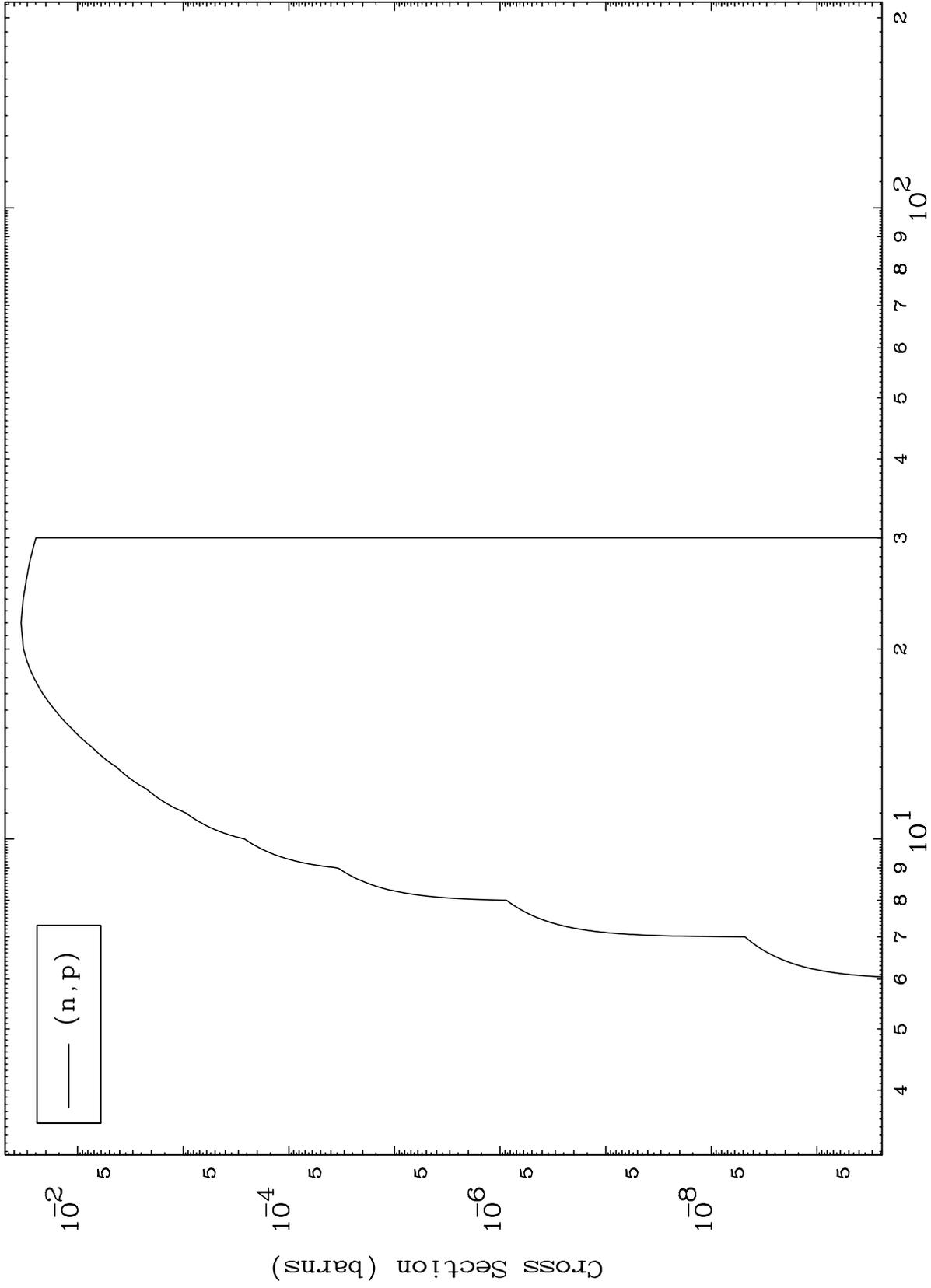
34-Se-79m



MAT 3441

³⁴Se-79m

(α, p) Levels
0 Kelvin Cross Sections



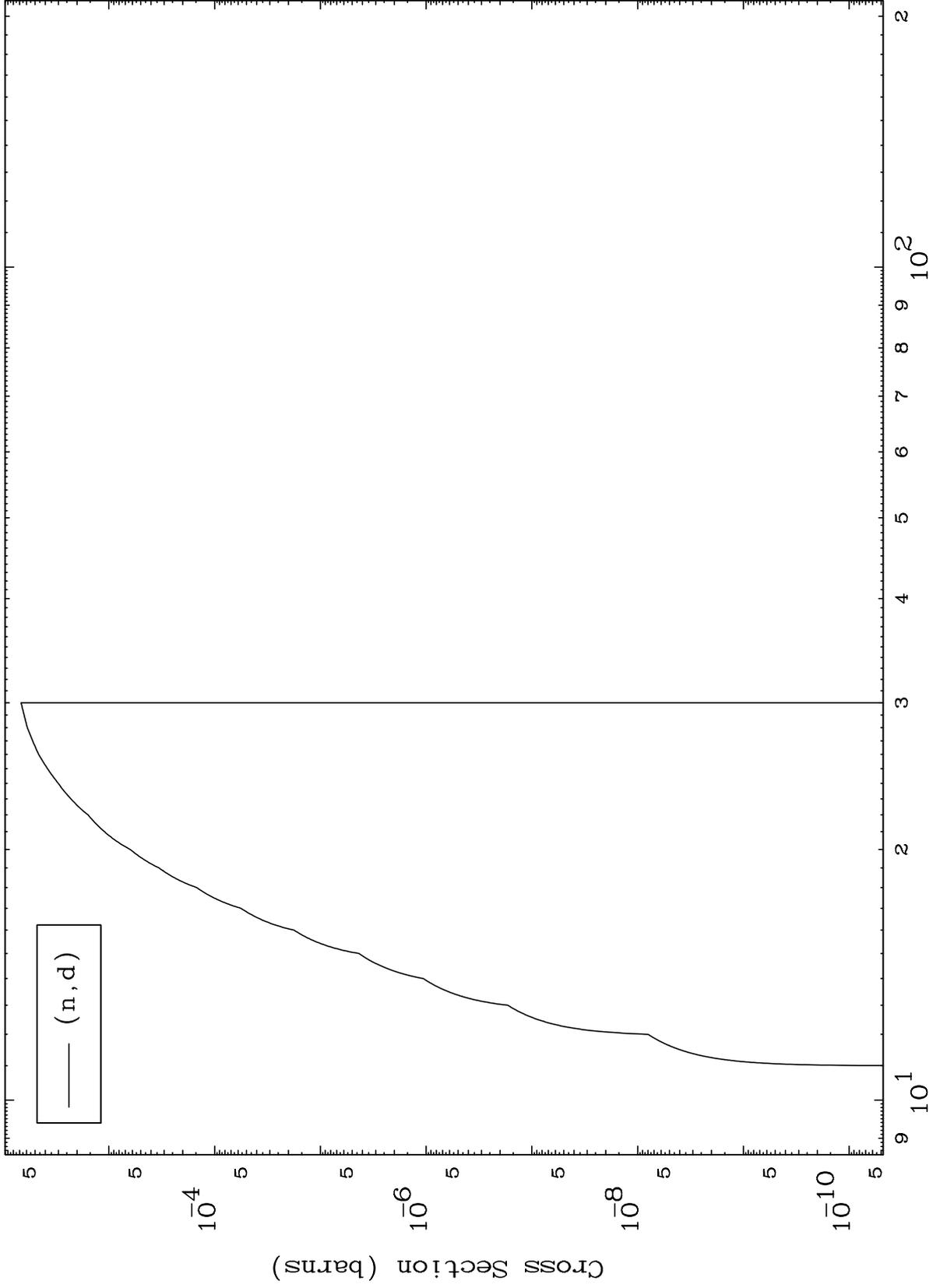
³⁴Se-79m

Incident Energy (MeV)

MAT 3441

(α, d) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-79m}$



Incident Energy (MeV)

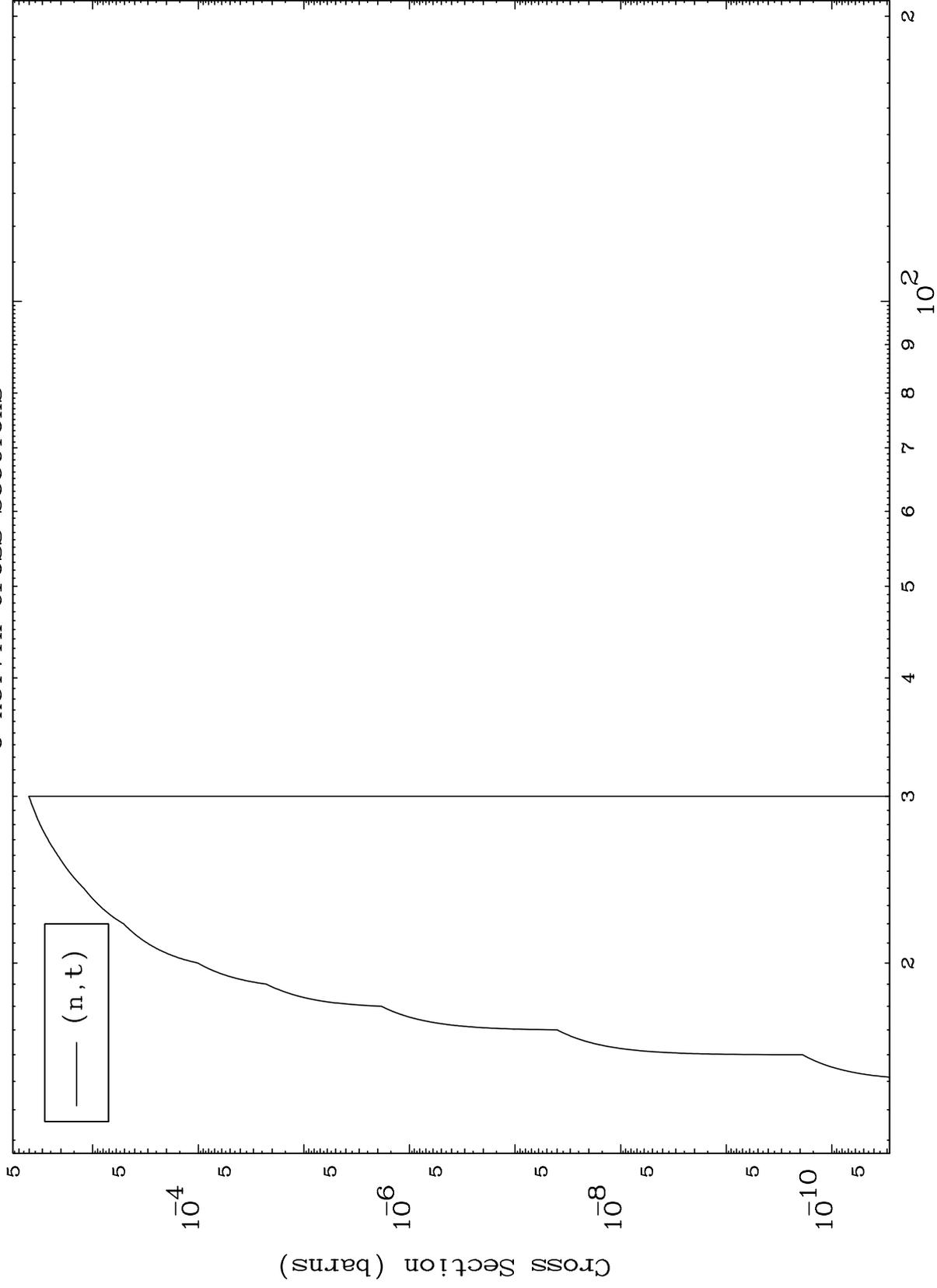
$^{34}\text{Se-79m}$

8

MAT 3441

(α, t) Levels
0 Kelvin Cross Sections

³⁴Se-79m



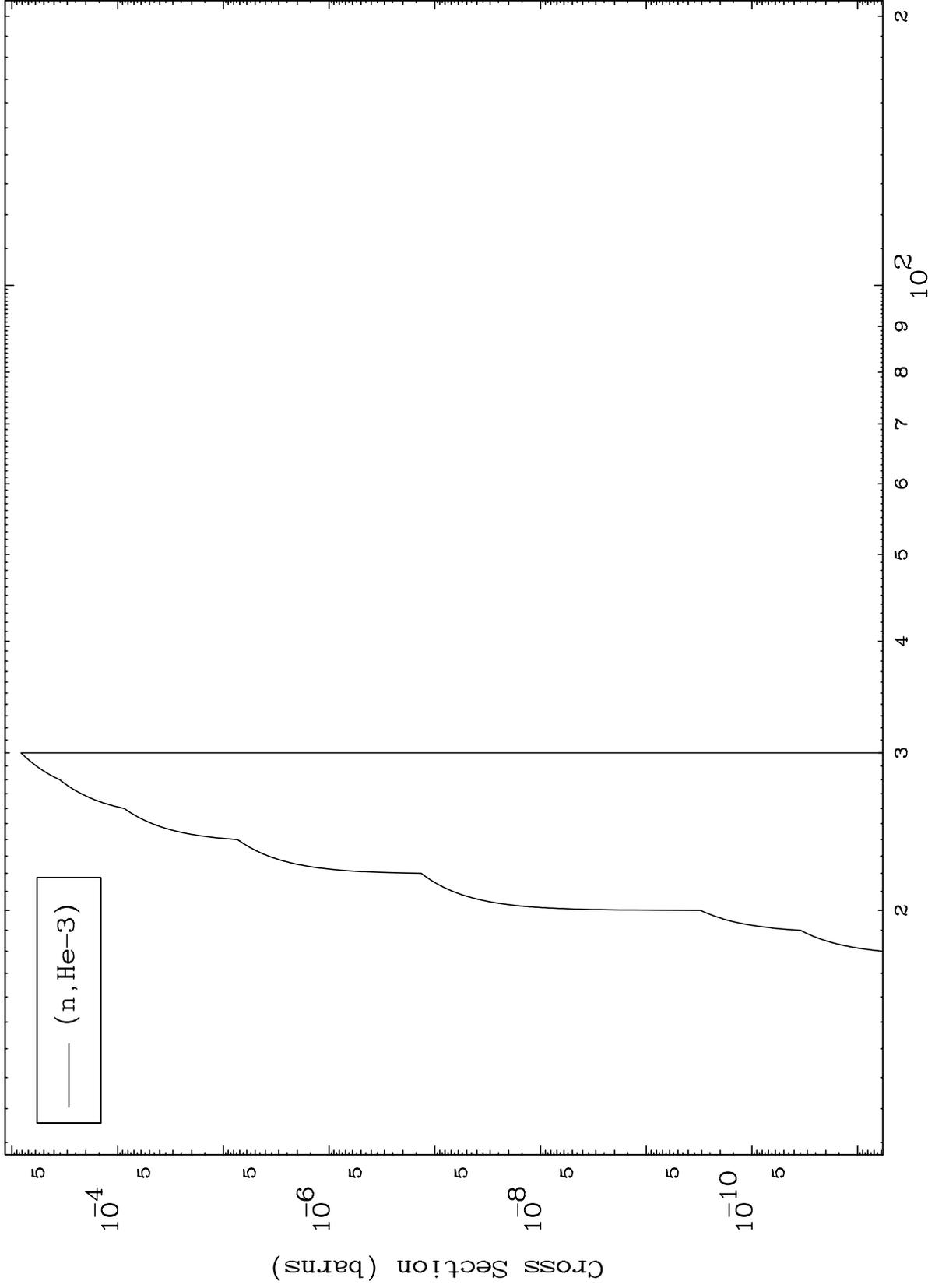
9

³⁴Se-79m

MAT 3441

(α , He3) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-79m}$



10

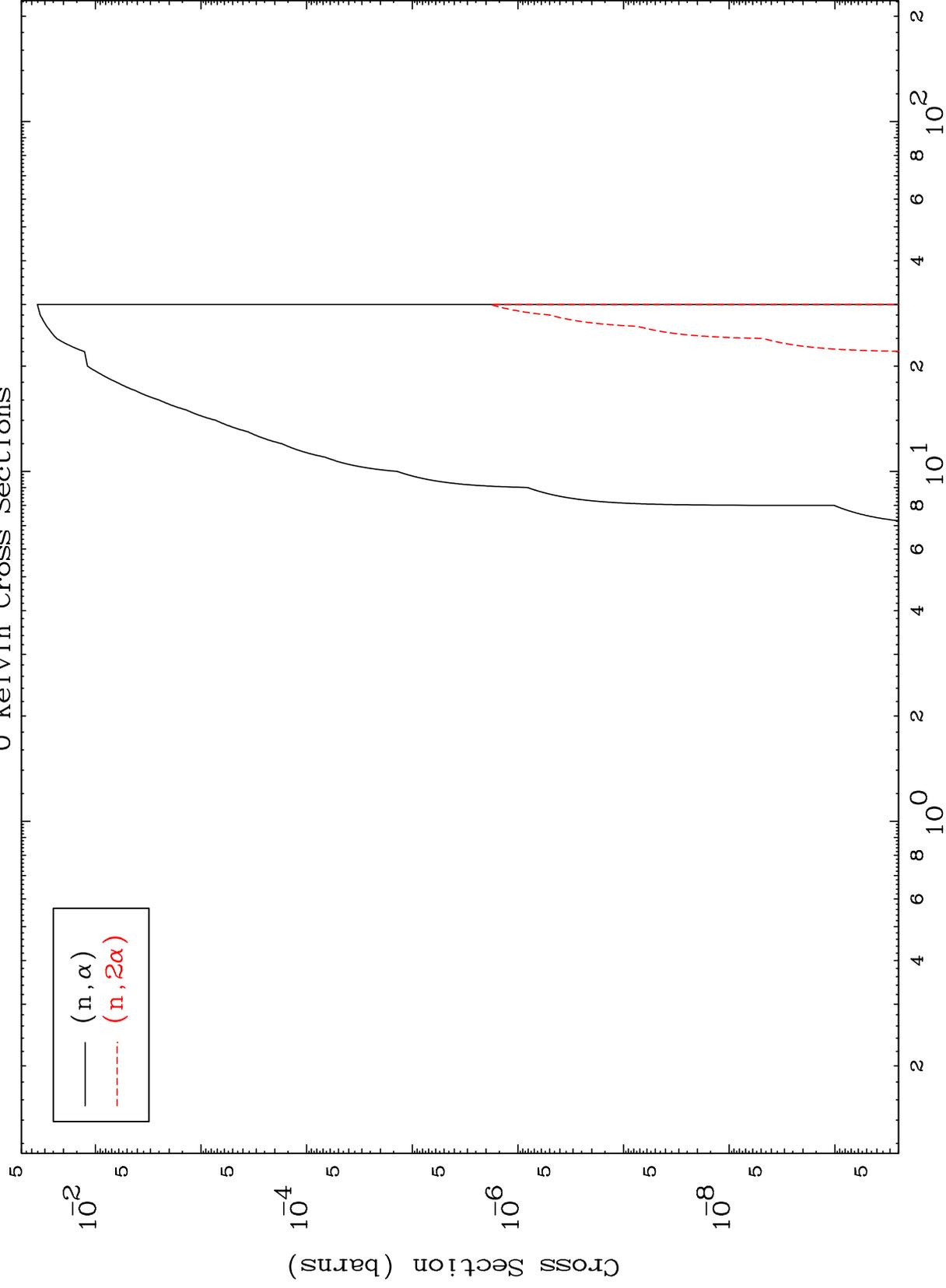
Incident Energy (MeV)

$^{34}\text{Se-79m}$

MAT 3441

34-Se-79m

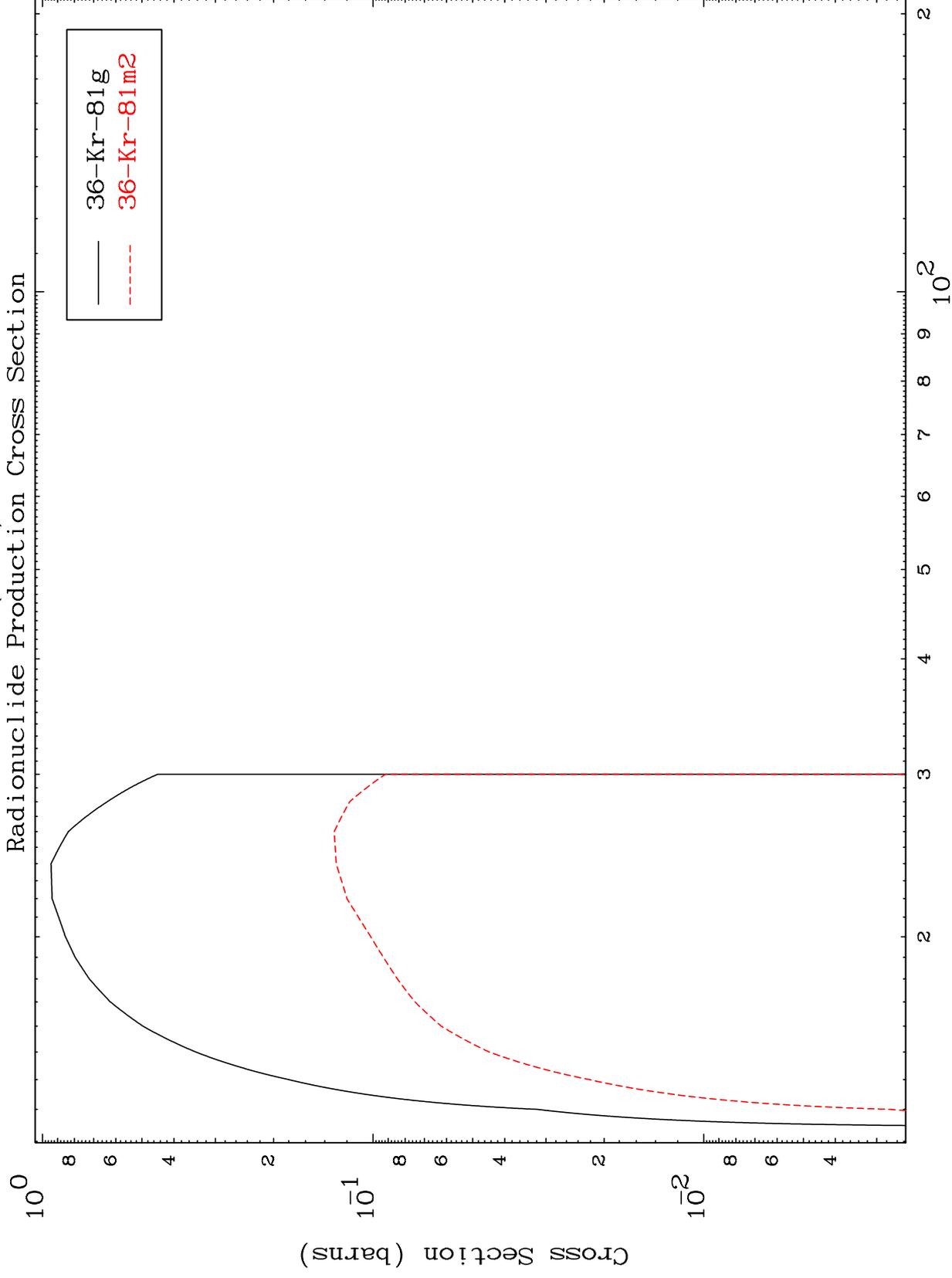
(α, α) Levels
0 Kelvin Cross Sections



MAT 3441

34-Se-79m

(n,2n)
Radionuclide Production Cross Section



34-Se-79m

Incident Energy (MeV)

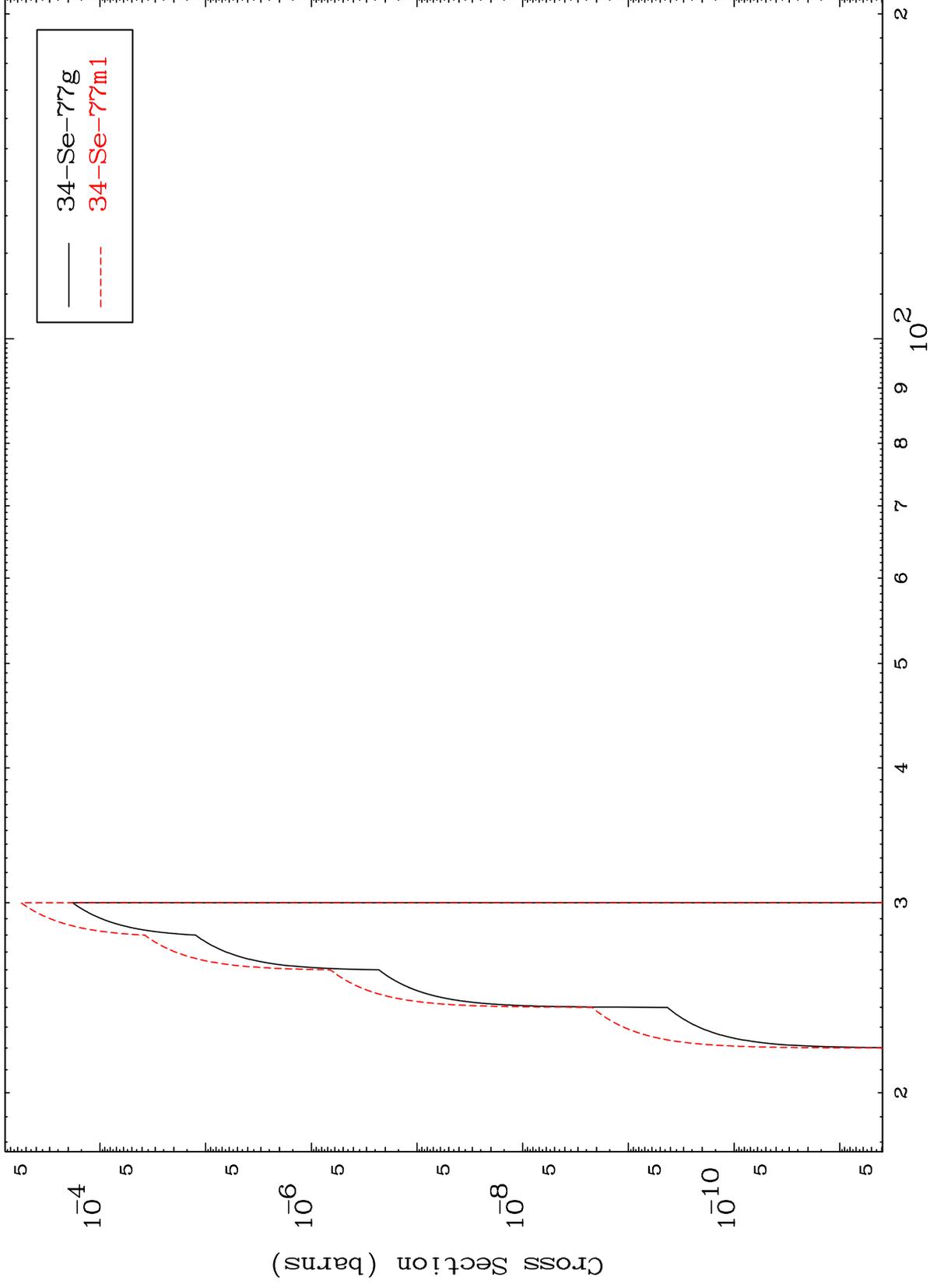
12

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$(n,2n) \alpha$

$^{34}\text{Se-79m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

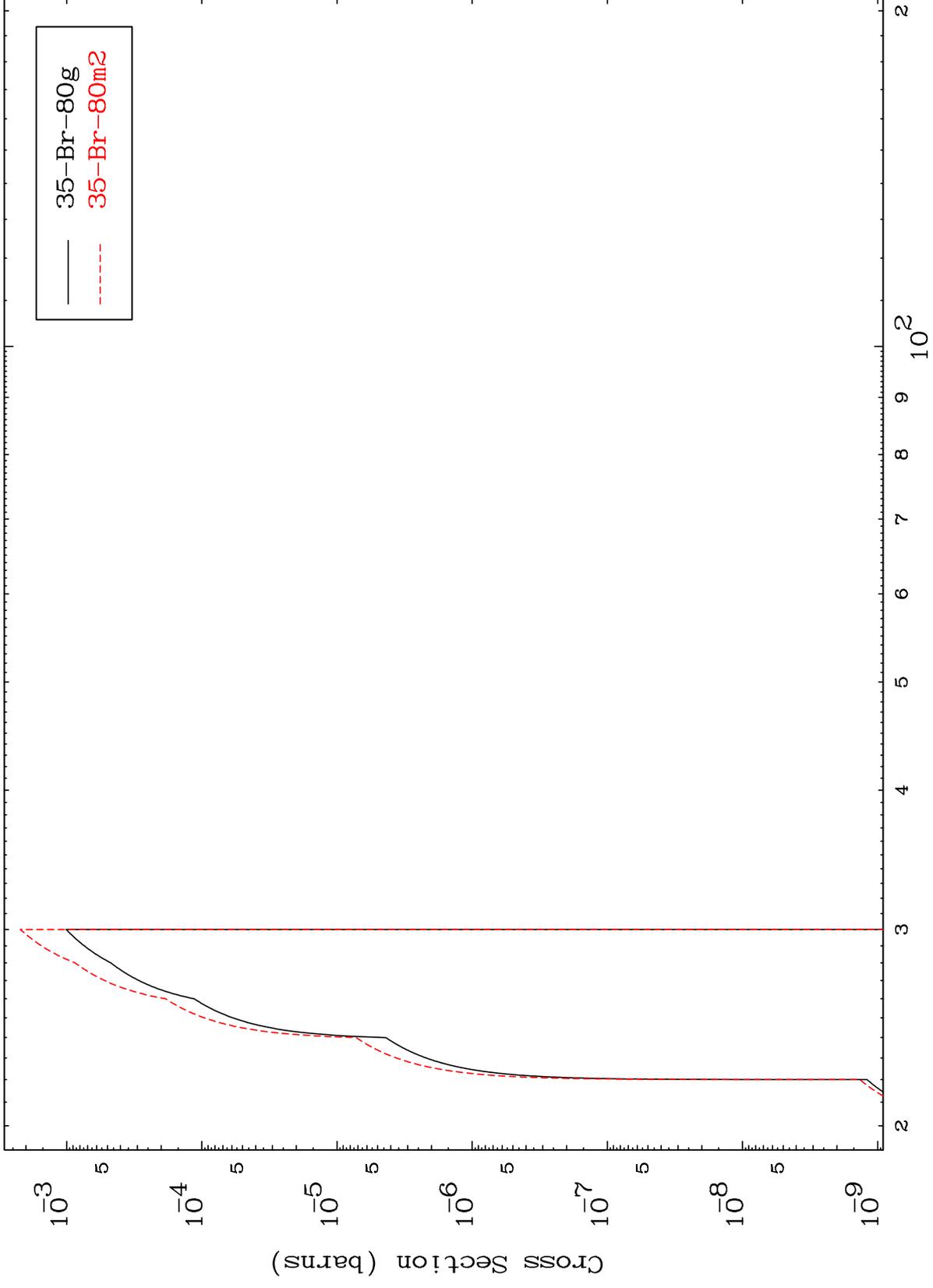
$^{34}\text{Se-79m}$

MAT 3441

(n,n') d

³⁴Se-⁷⁹m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

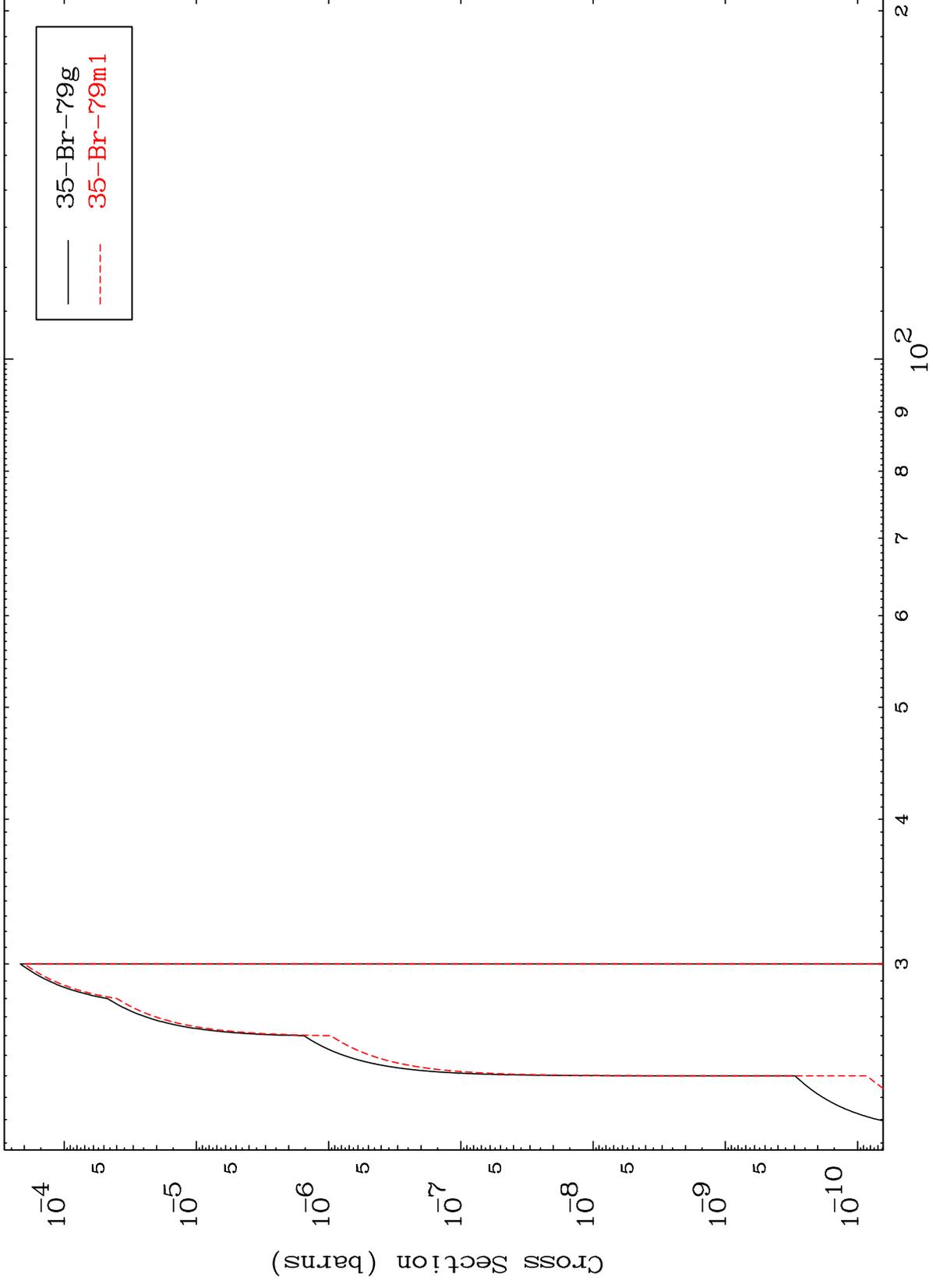
³⁴Se-⁷⁹m

MAT 3441

(n,n') t

³⁴Se-⁷⁹m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

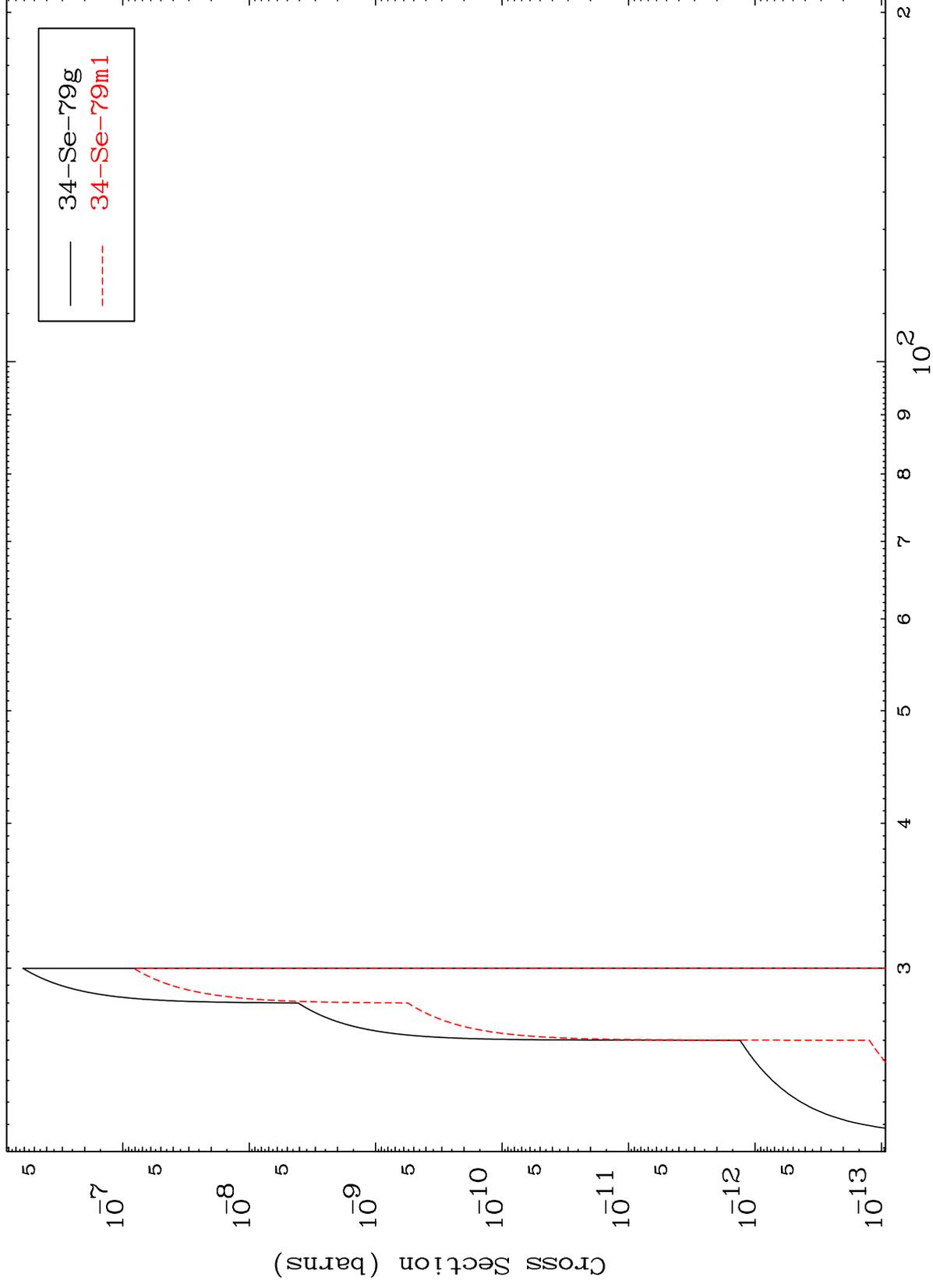
³⁴Se-⁷⁹m

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(n,n') He-3

34-Se-79m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

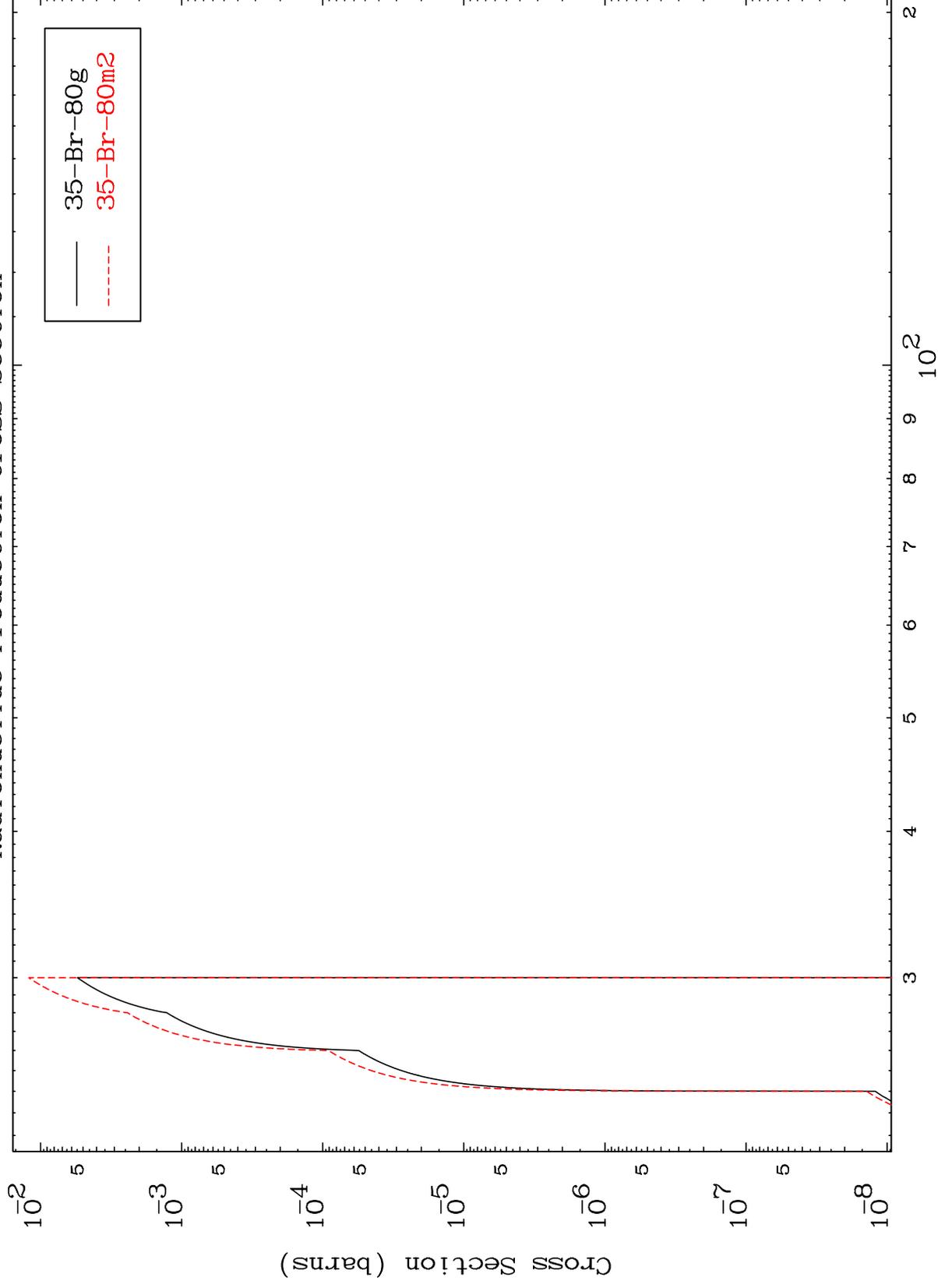
34-Se-79m

MAT 3441

³⁴Se-⁷⁹m

(n,2n) p

Radionuclide Production Cross Section



17

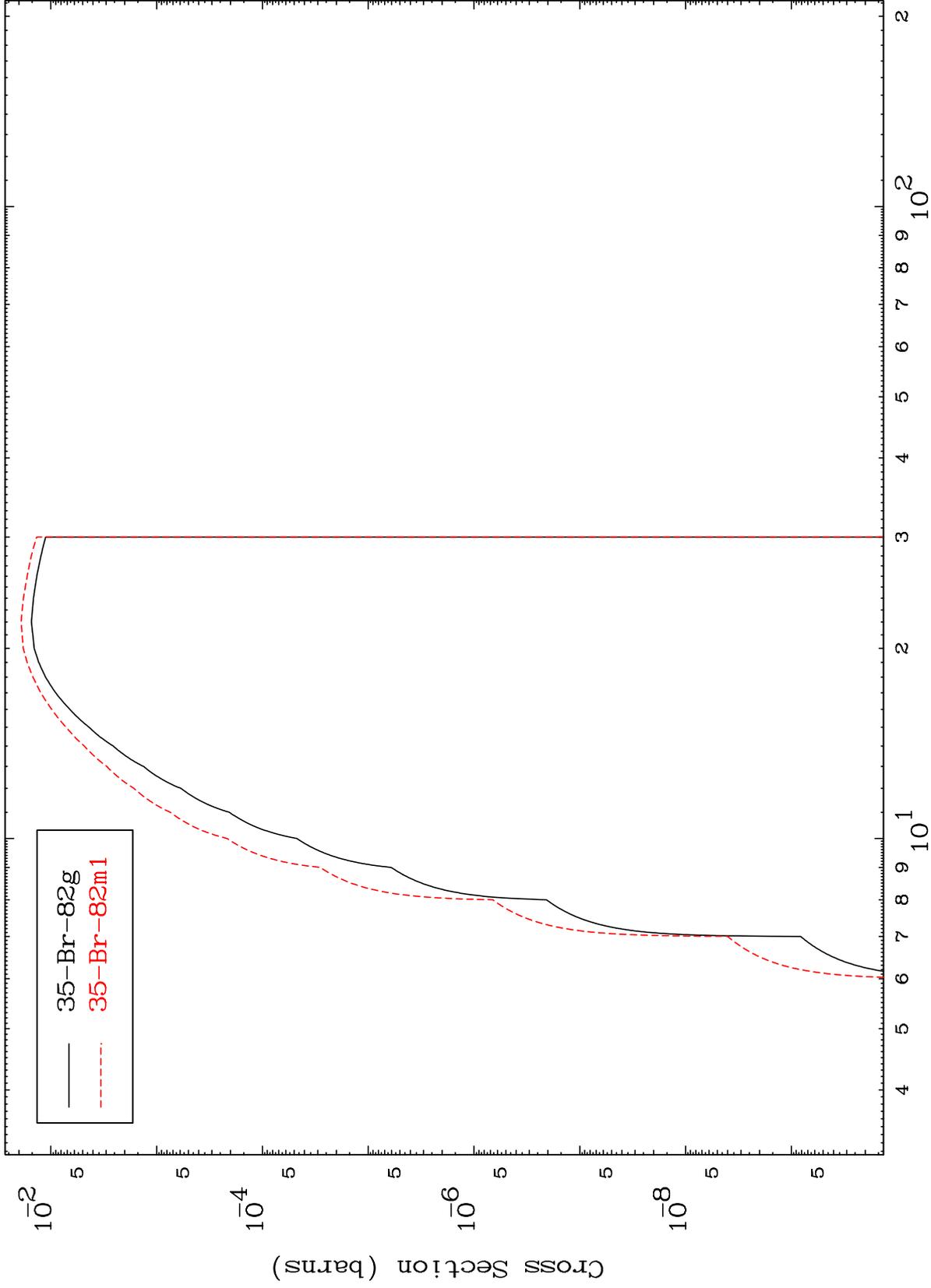
Incident Energy (MeV)

³⁴Se-⁷⁹m

MAT 3441

³⁴Se-79m

(n,p)
Radionuclide Production Cross Section



19

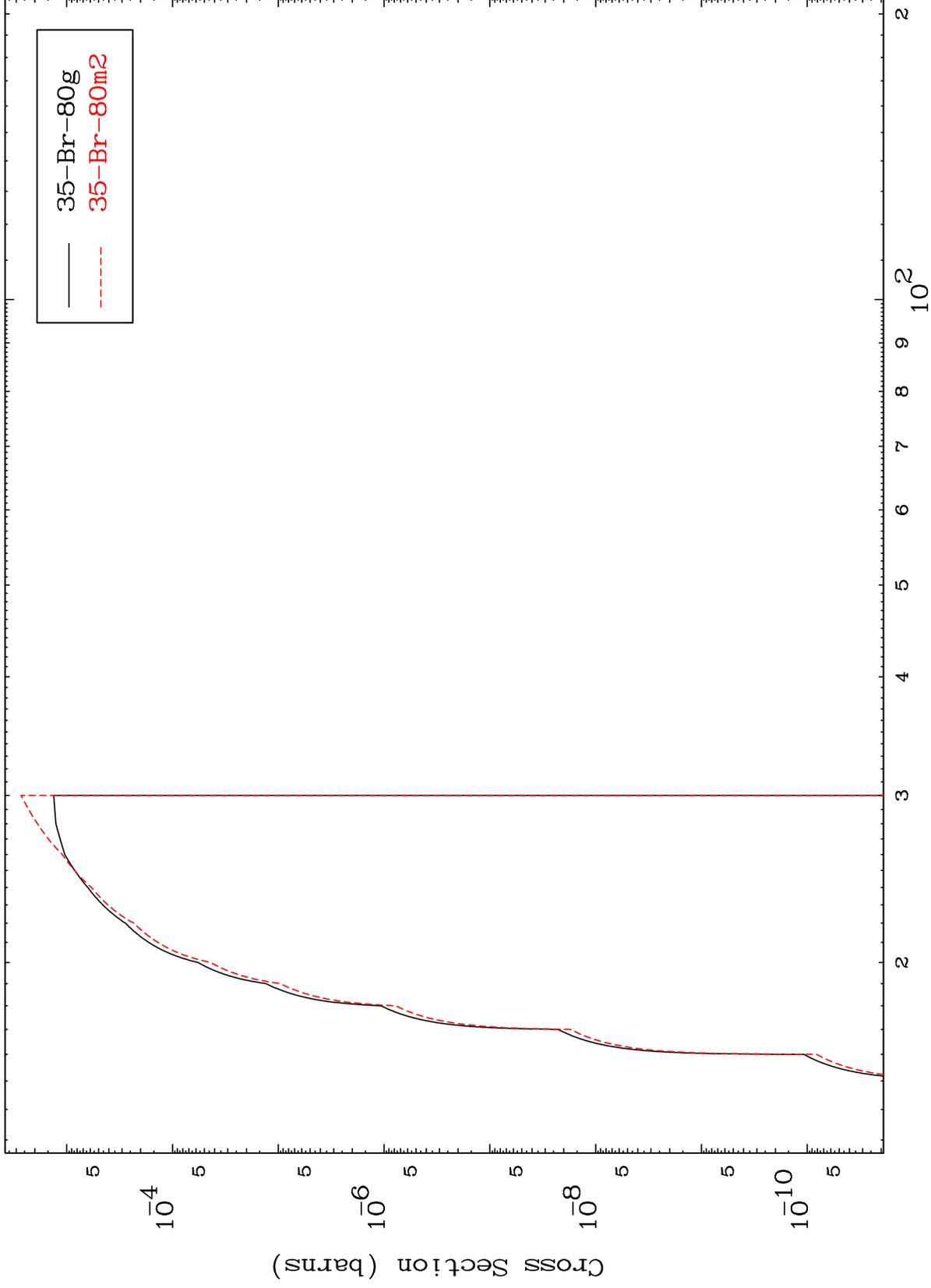
Incident Energy (MeV)

³⁴Se-79m

MAT 3441

34-Se-79m

(n,t)
Radionuclide Production Cross Section



20

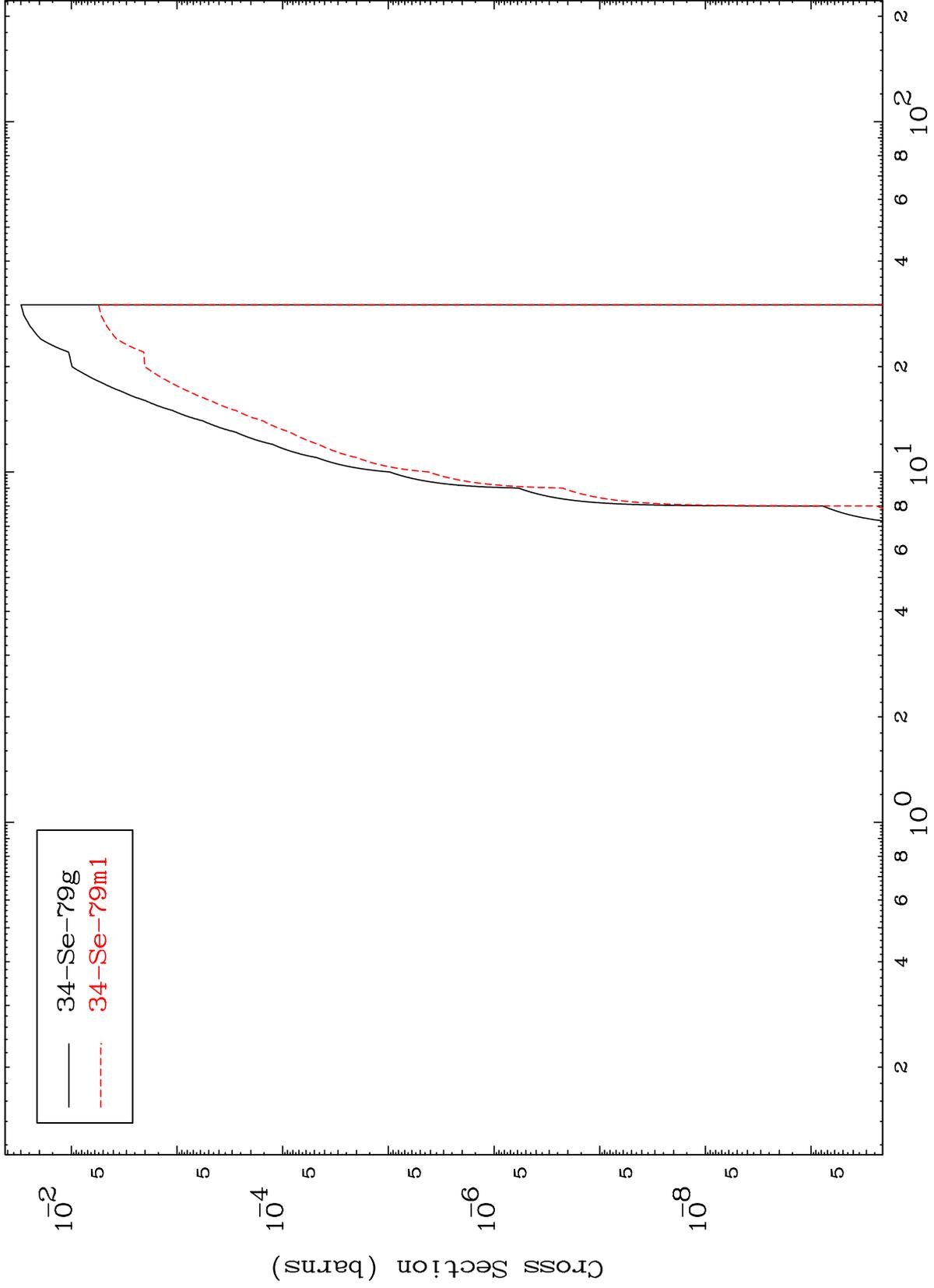
Incident Energy (MeV)

34-Se-79m

MAT 3441

³⁴Se-79m

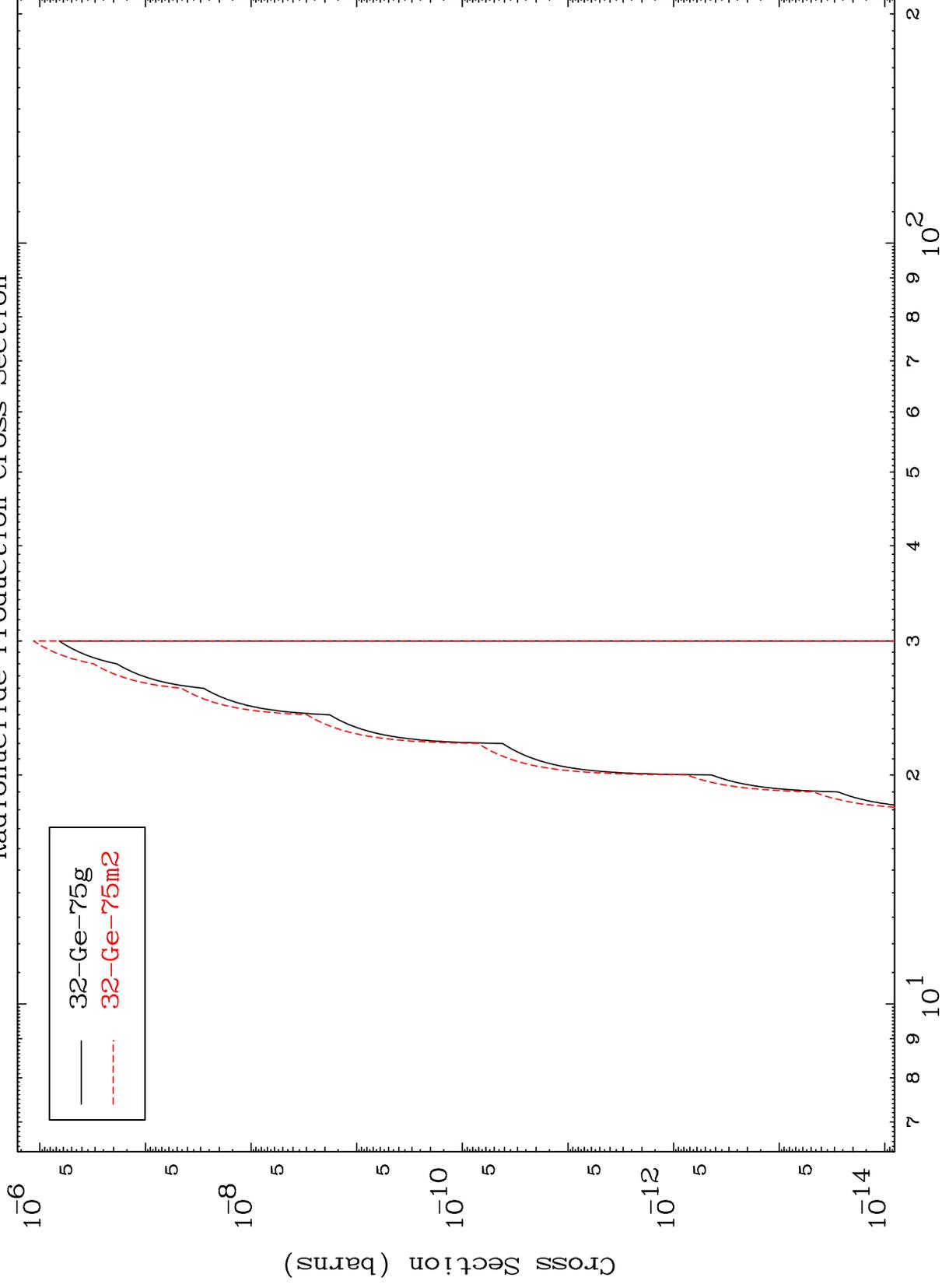
Radionuclide Production Cross Section
(n, α)



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³⁴Se-⁷⁹m

Radionuclide Production Cross Section
(n,2α)



22

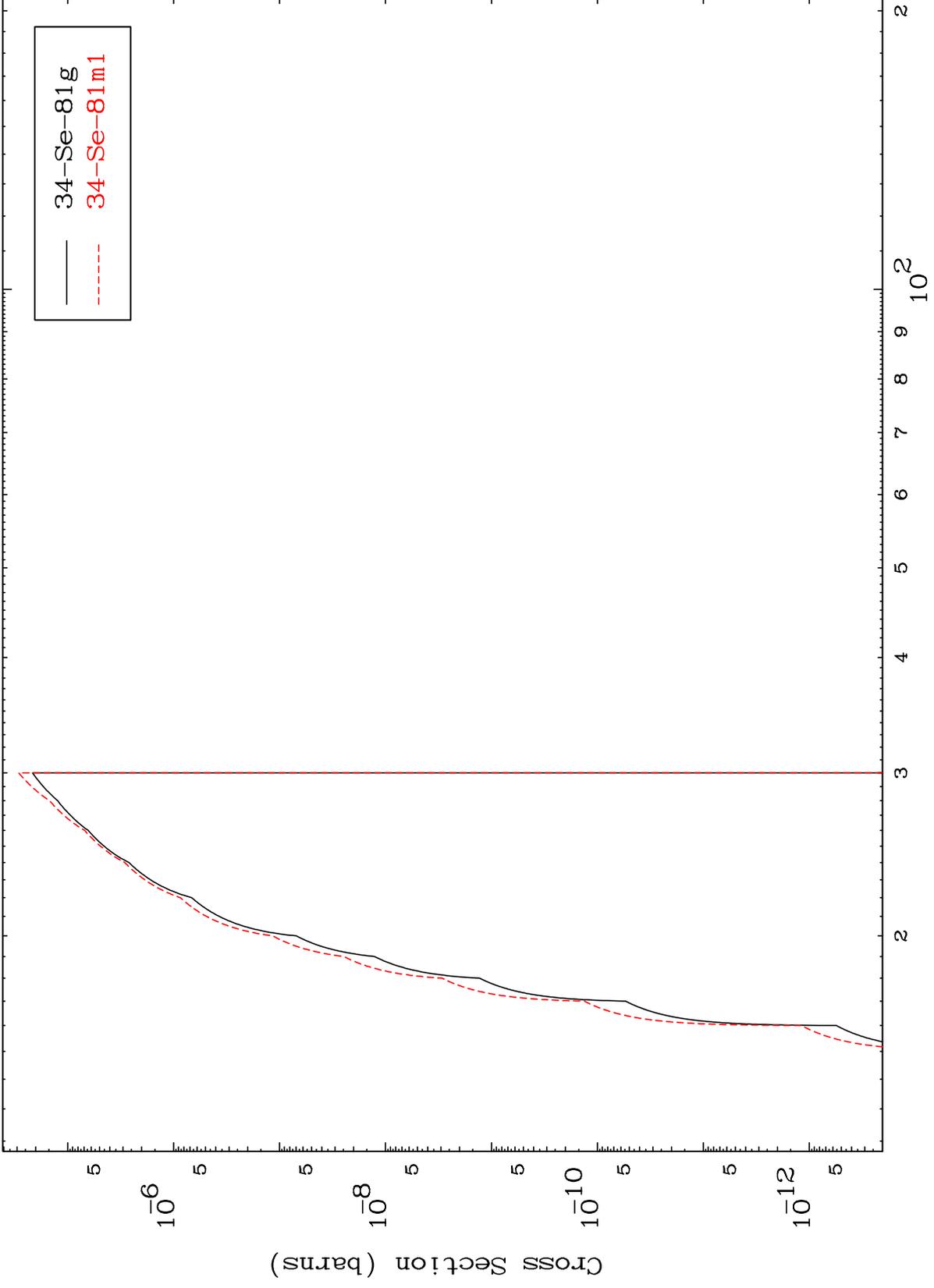
Incident Energy (MeV)

³⁴Se-⁷⁹m

MAT 3441

34-Se-79m

(n,2p)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

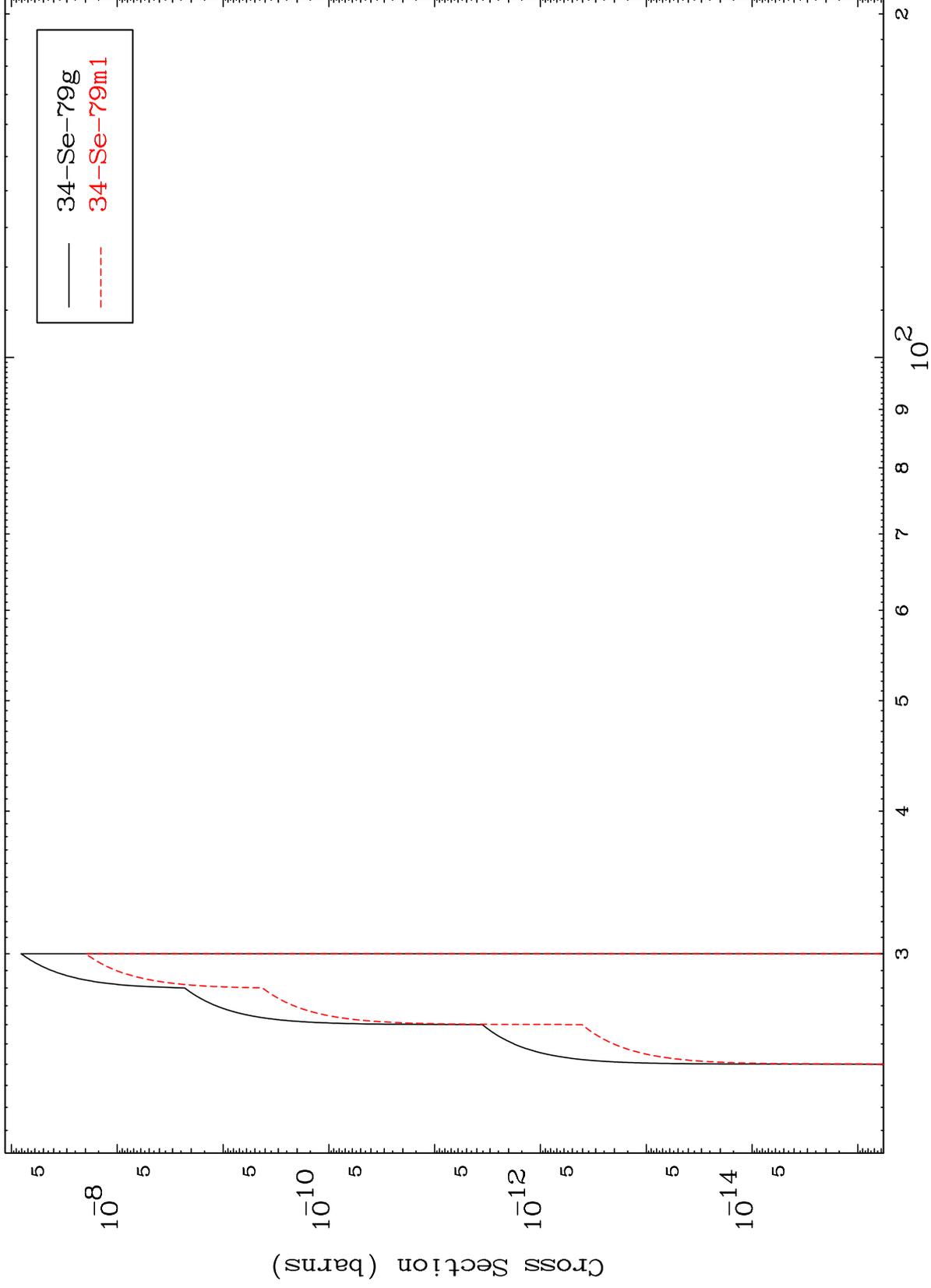
34-Se-79m

MAT 3441

(n,p) t

³⁴Se-⁷⁹m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

³⁴Se-⁷⁹m