

Program EVALPLOT
(Version 2021-1)

by

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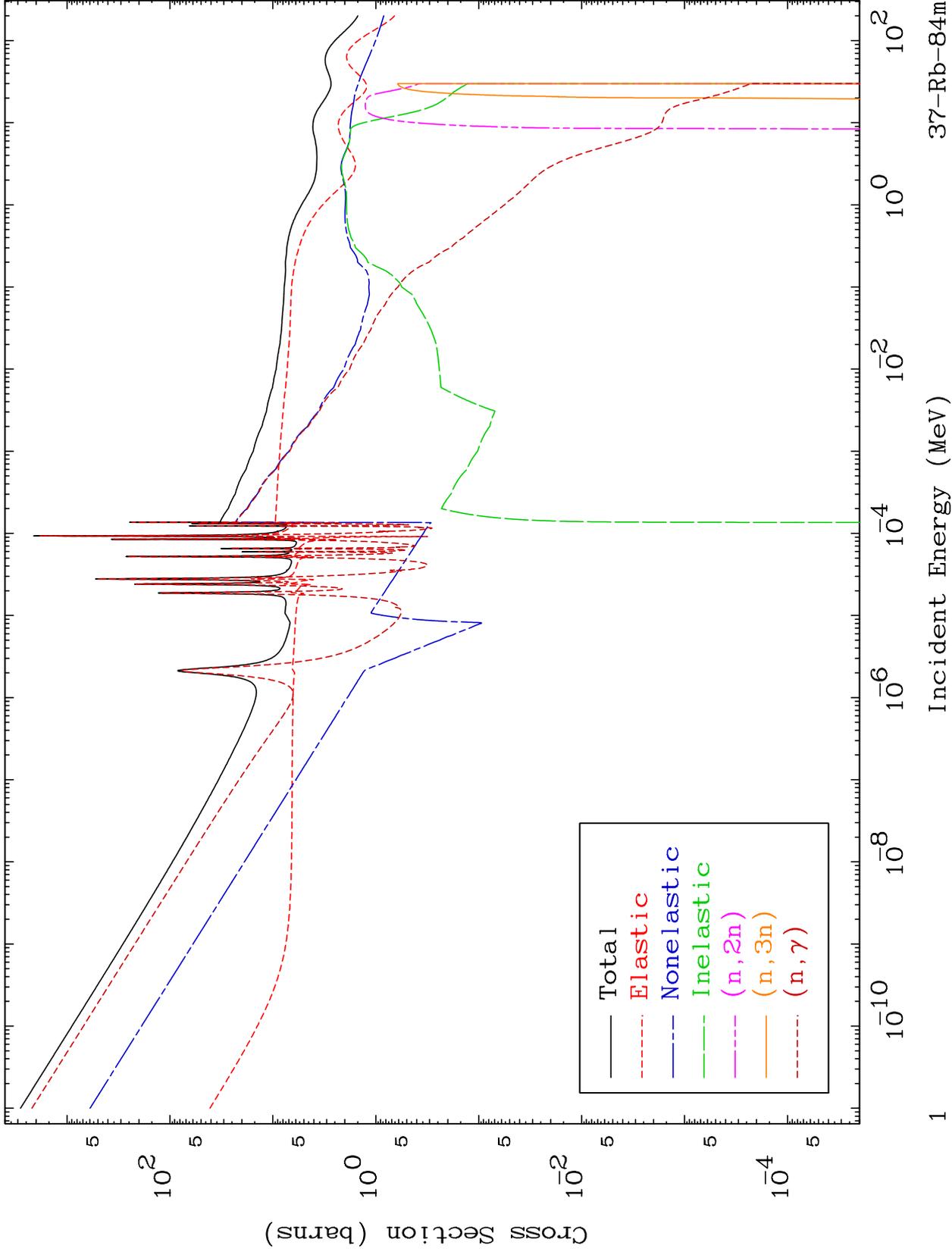
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Press Mouse Button to Start

MAT 3723

Neutron Major
293 Kelvin Cross Sections

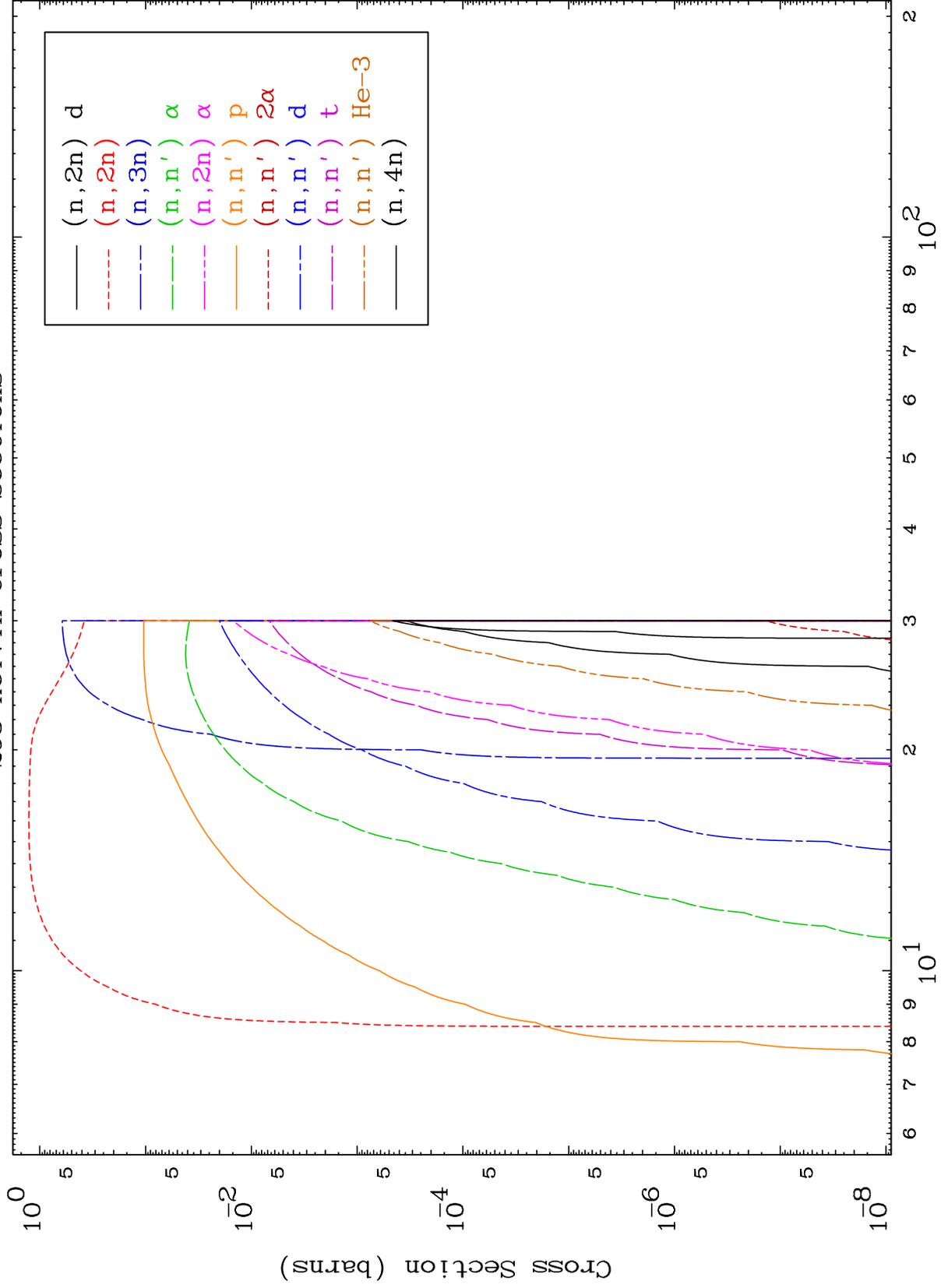
37-Rb-84m



MAT 3723

Neutron Absorption
293 Kelvin Cross Sections

37-Rb-84m



2

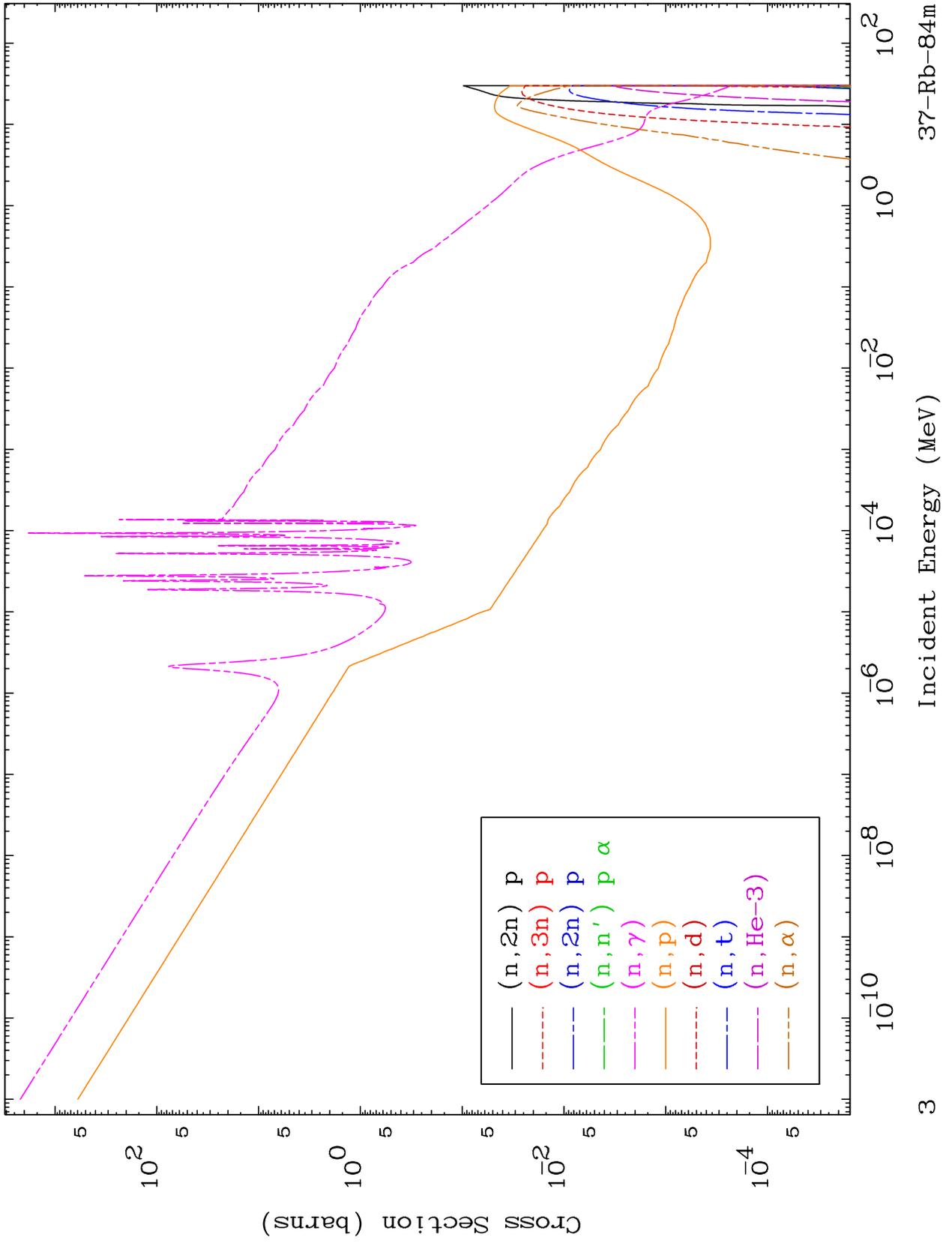
Incident Energy (MeV)

37-Rb-84m

MAT 3723

Neutron Absorption
293 Kelvin Cross Sections

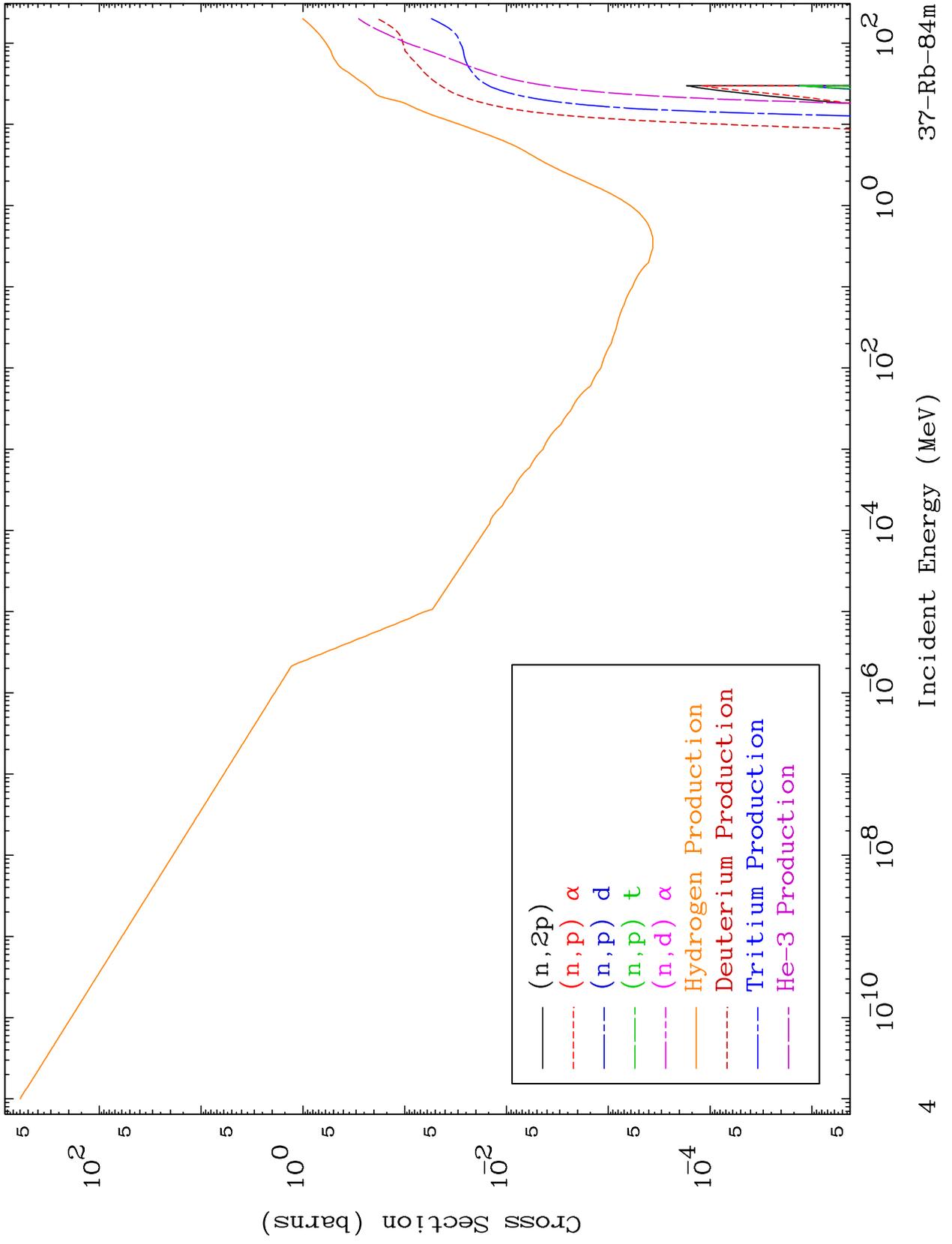
37-Rb-84m



MAT 3723

Neutron Absorption
293 Kelvin Cross Sections

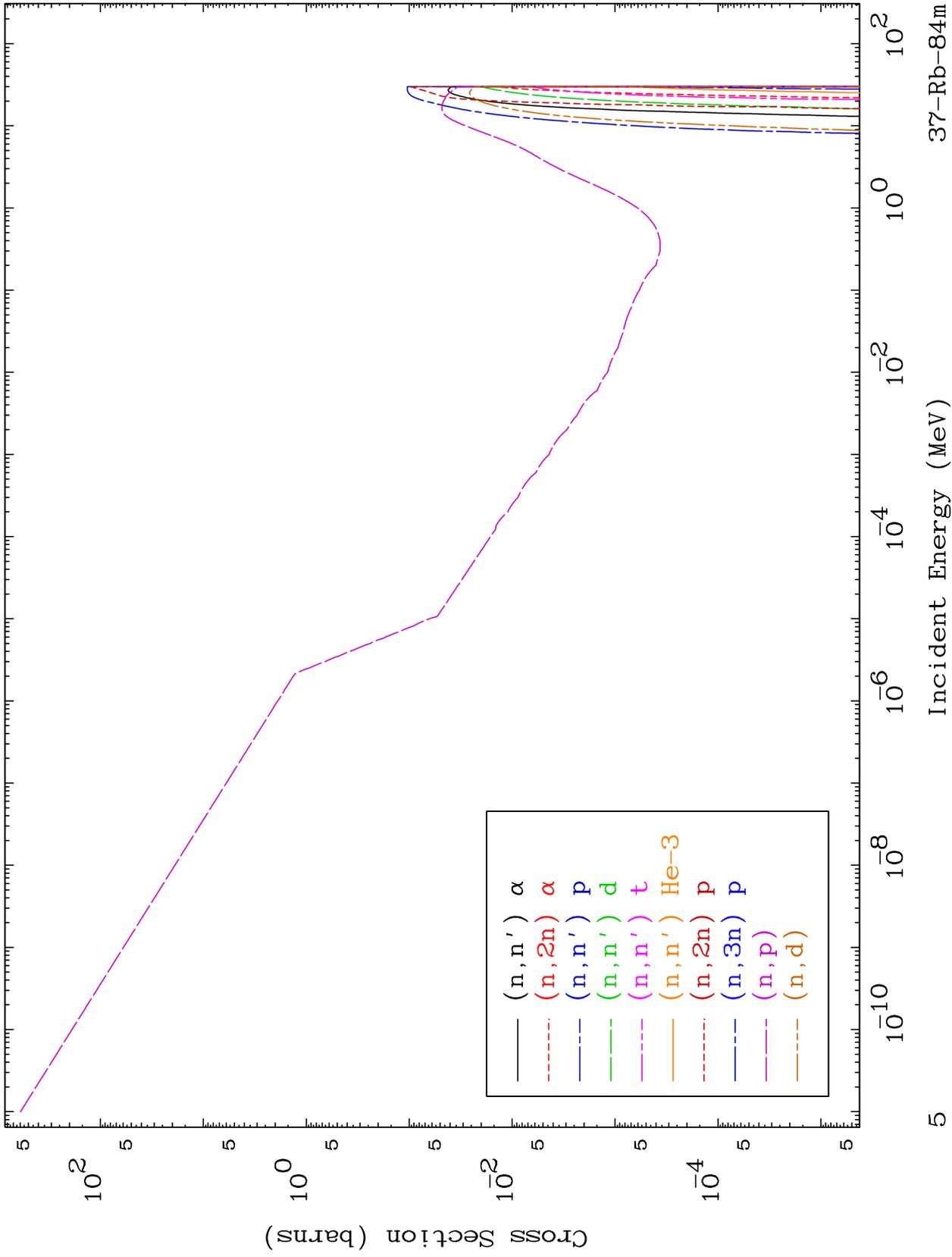
37-Rb-84m



MAT 3723

Charged Particle
293 Kelvin Cross Sections

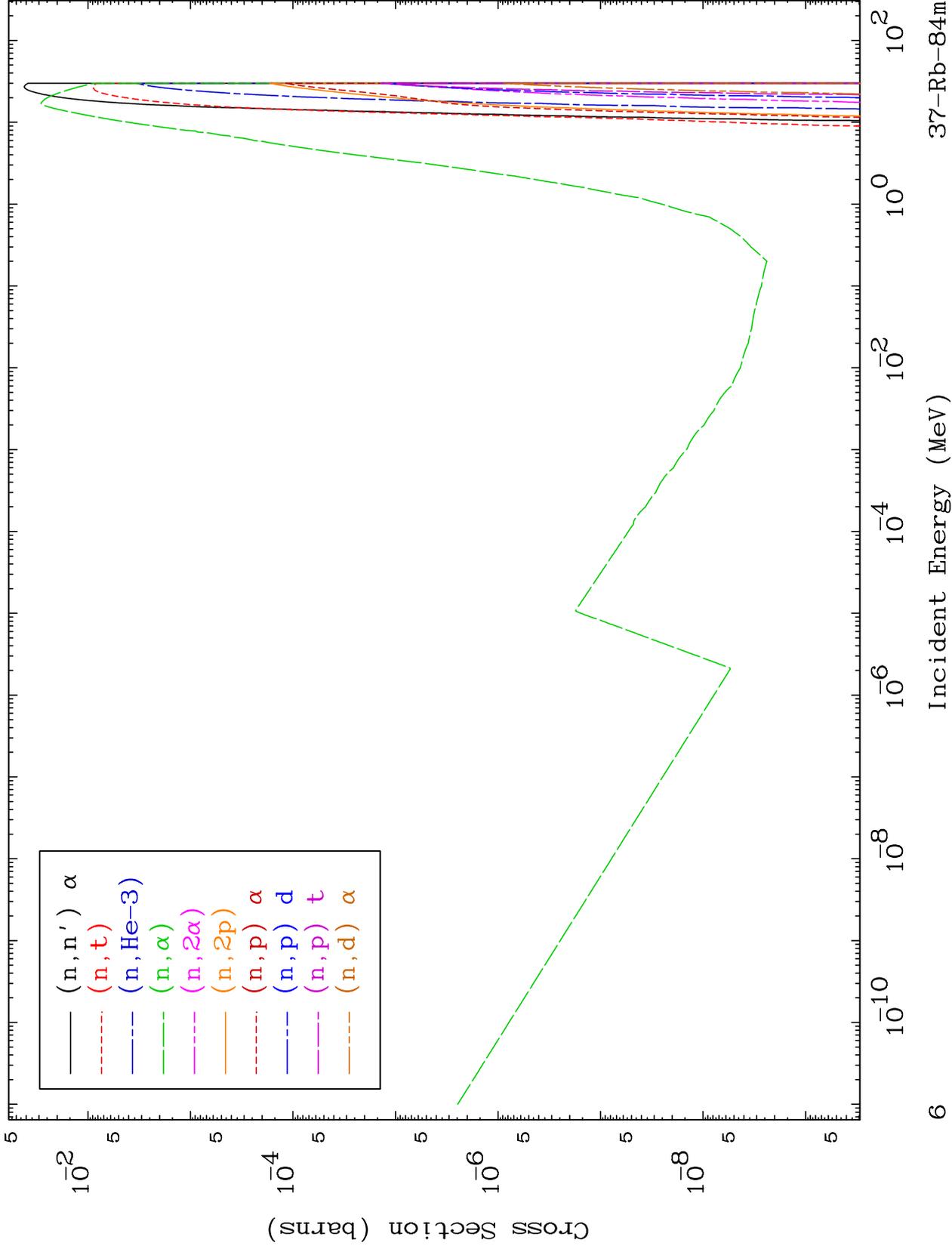
37-Rb-84m



MAT 3723

Charged Particle
293 Kelvin Cross Sections

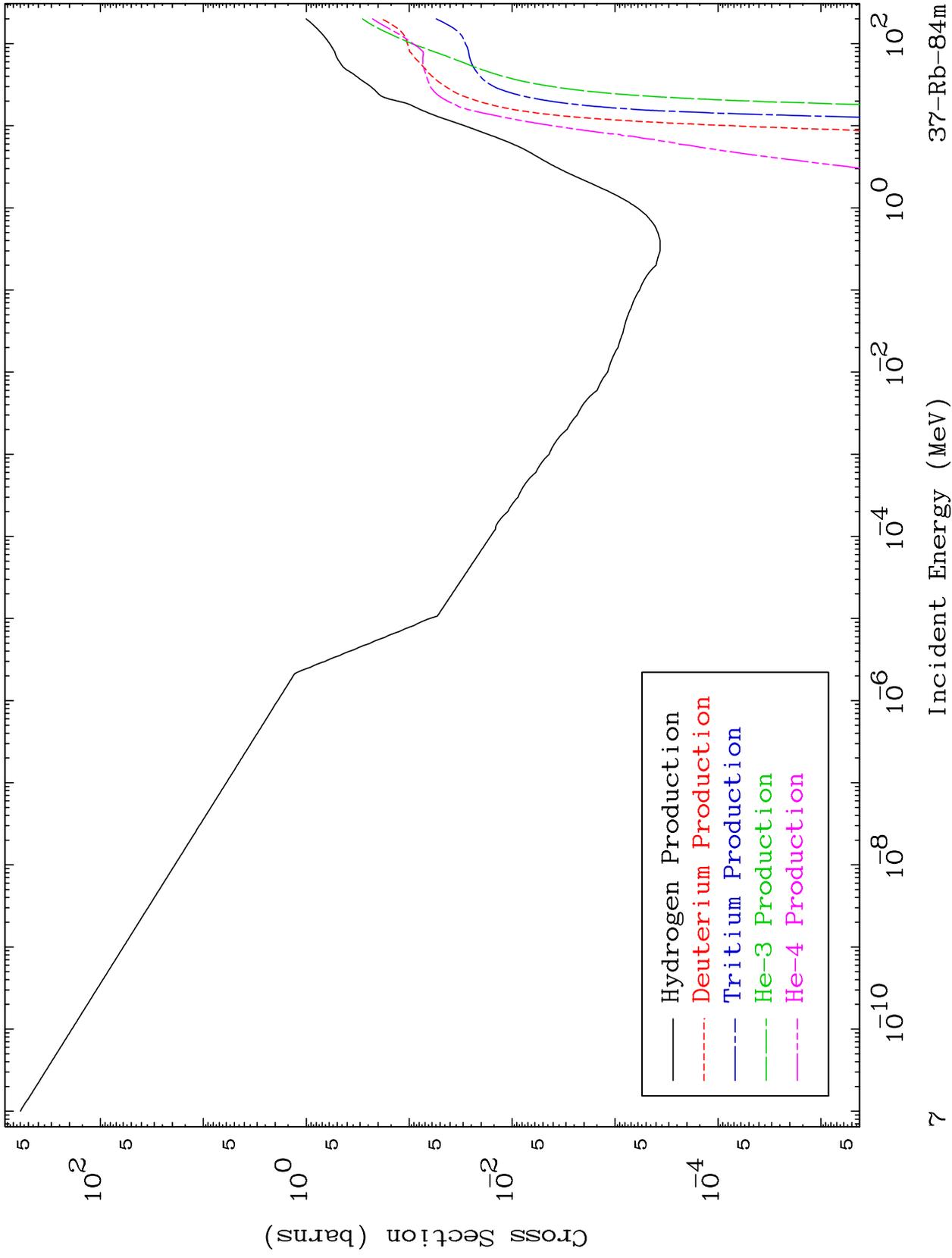
37-Rb-84m



MAT 3723

Particle Production
293 Kelvin Cross Sections

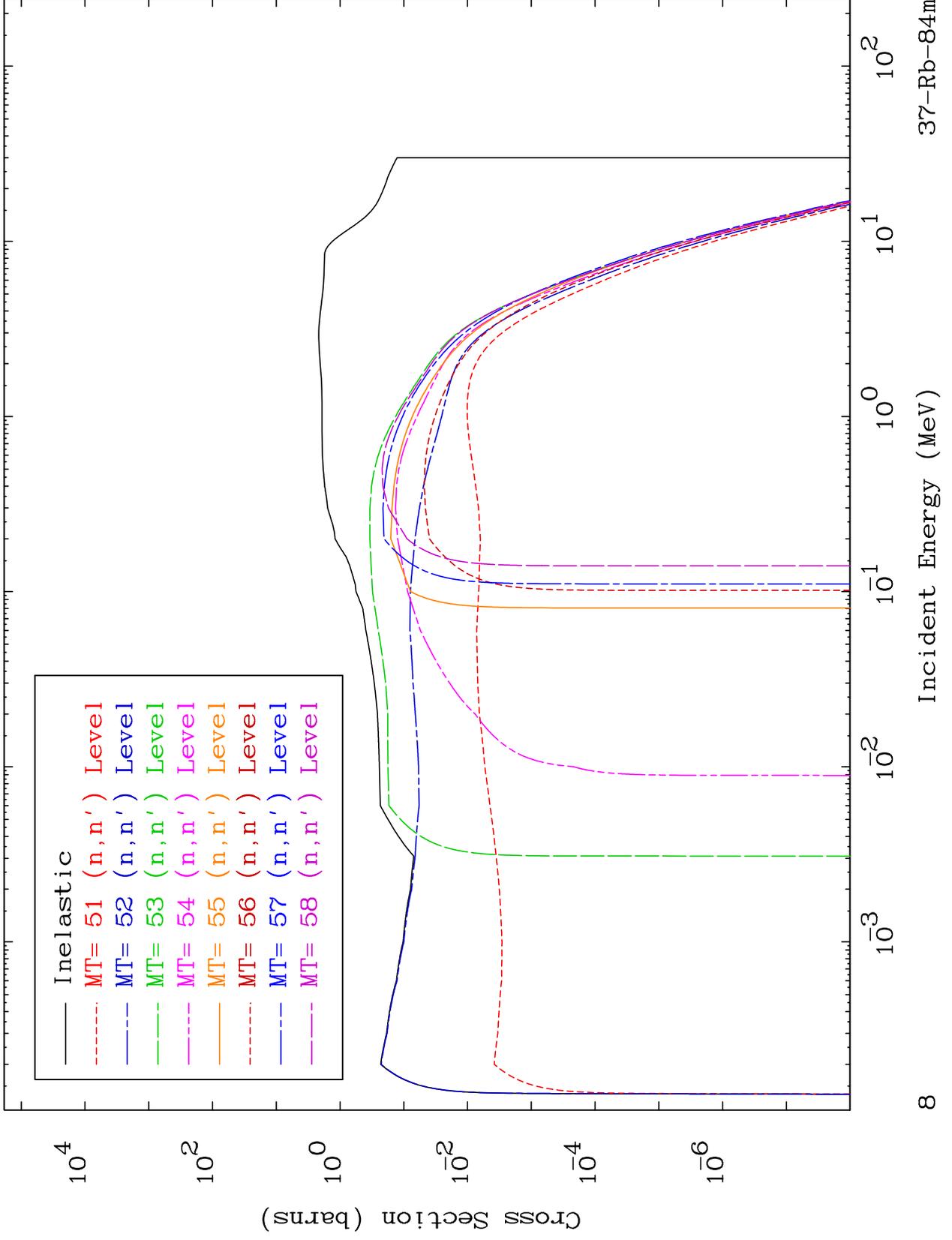
37-Rb-84m



MAT 3723

(n,n') Levels
293 Kelvin Cross Sections

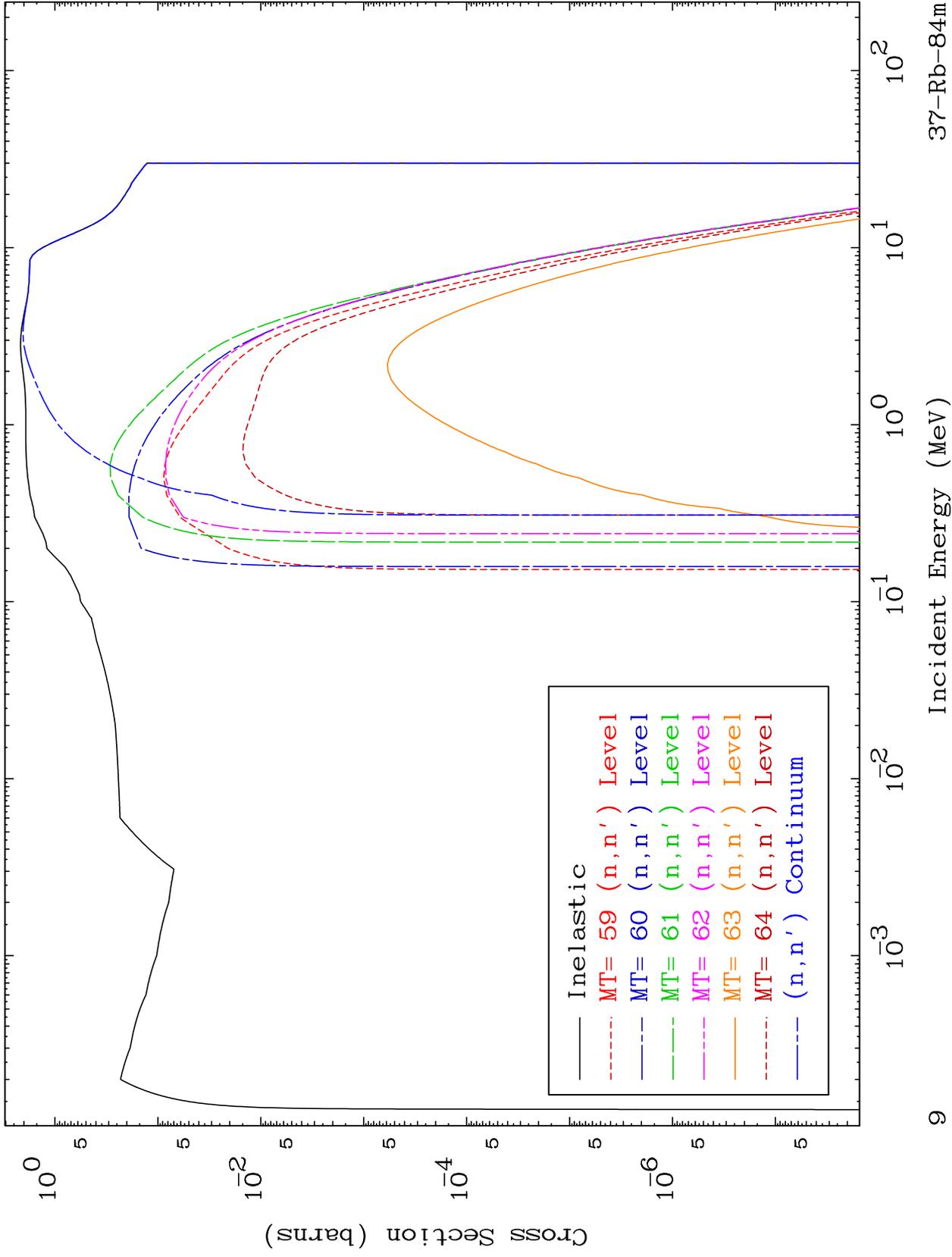
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MAT 3723

(n,n') Levels
293 Kelvin Cross Sections

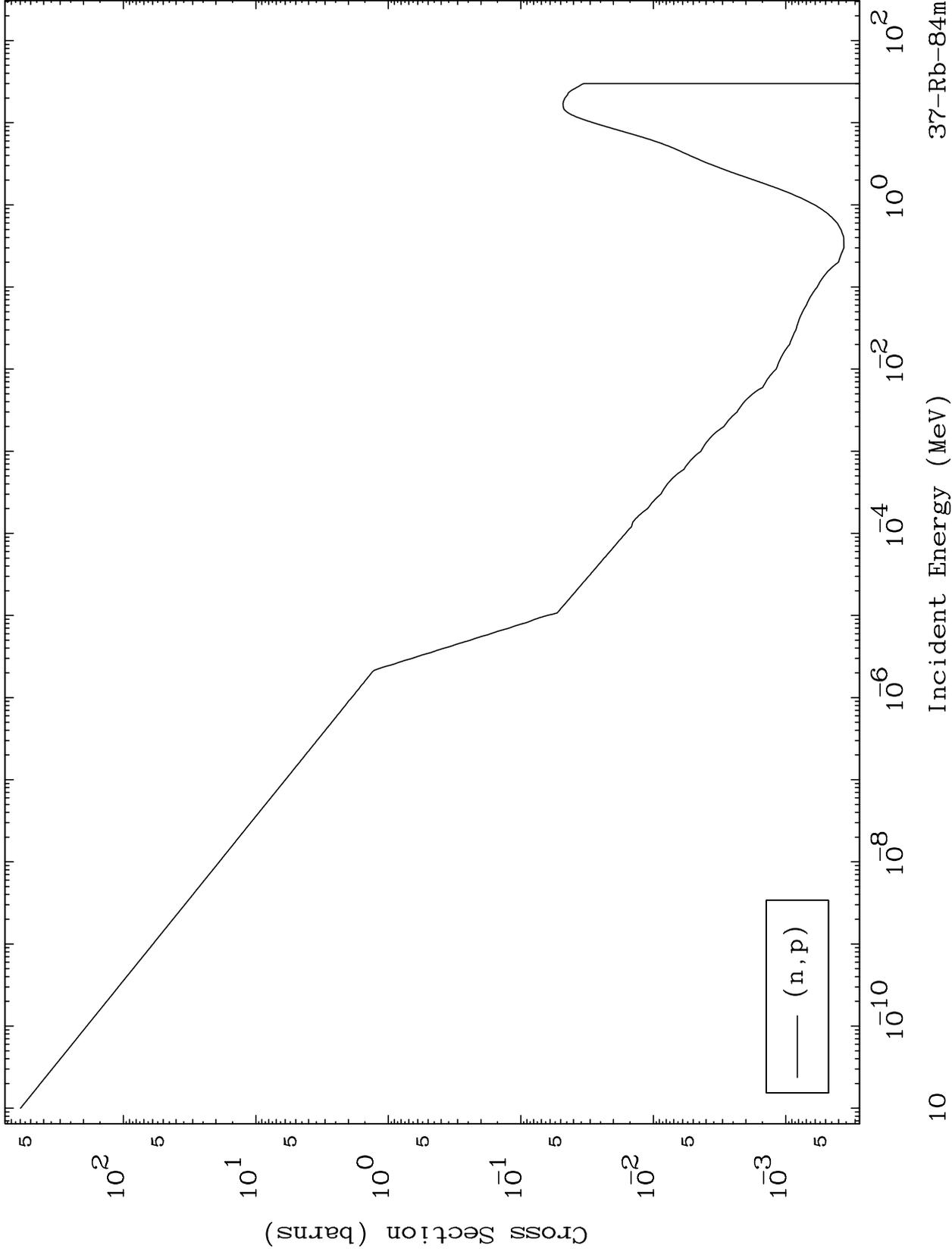
37-Rb-84m



MAT 3723

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-84m



10

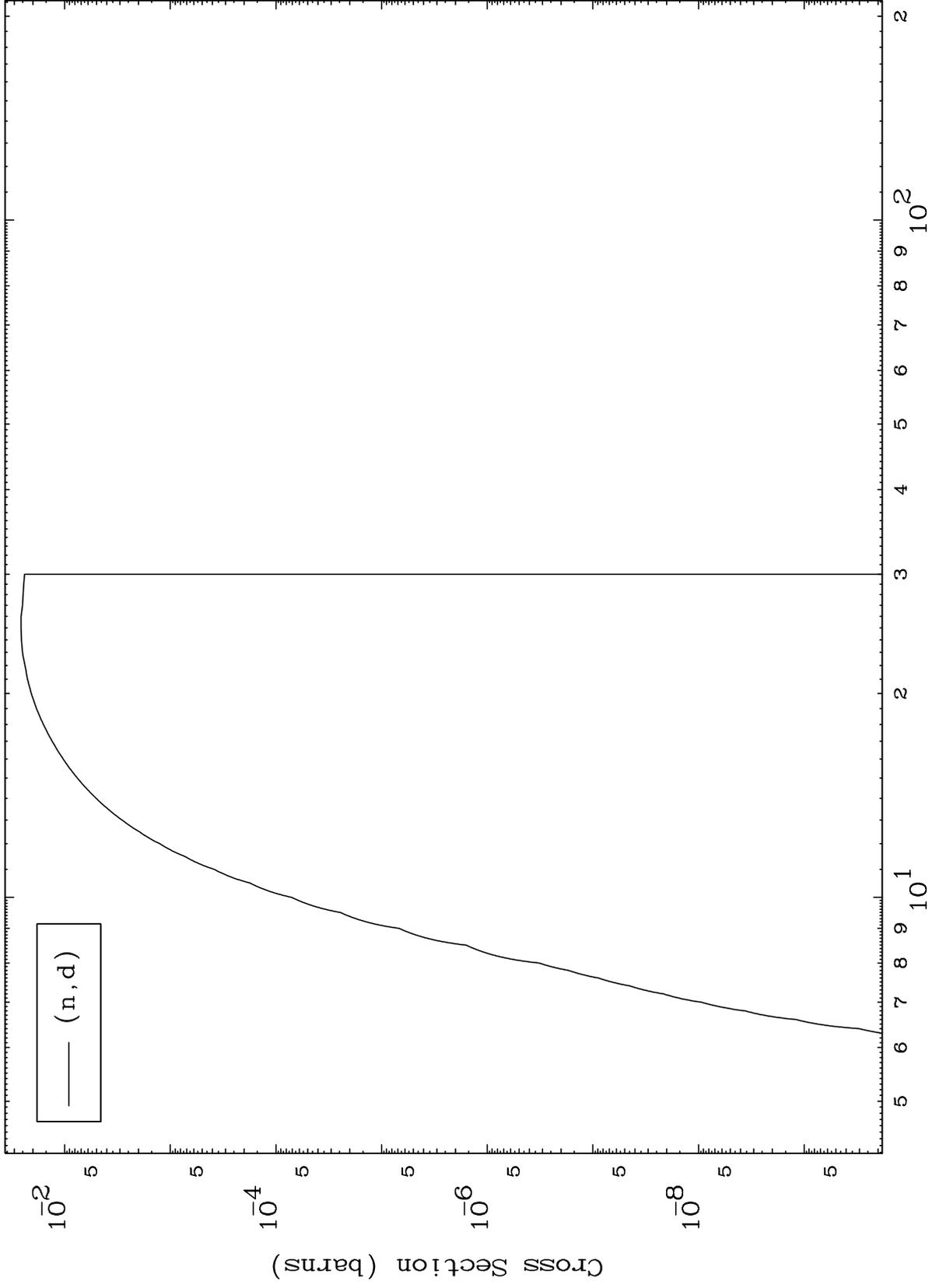
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-84m



11

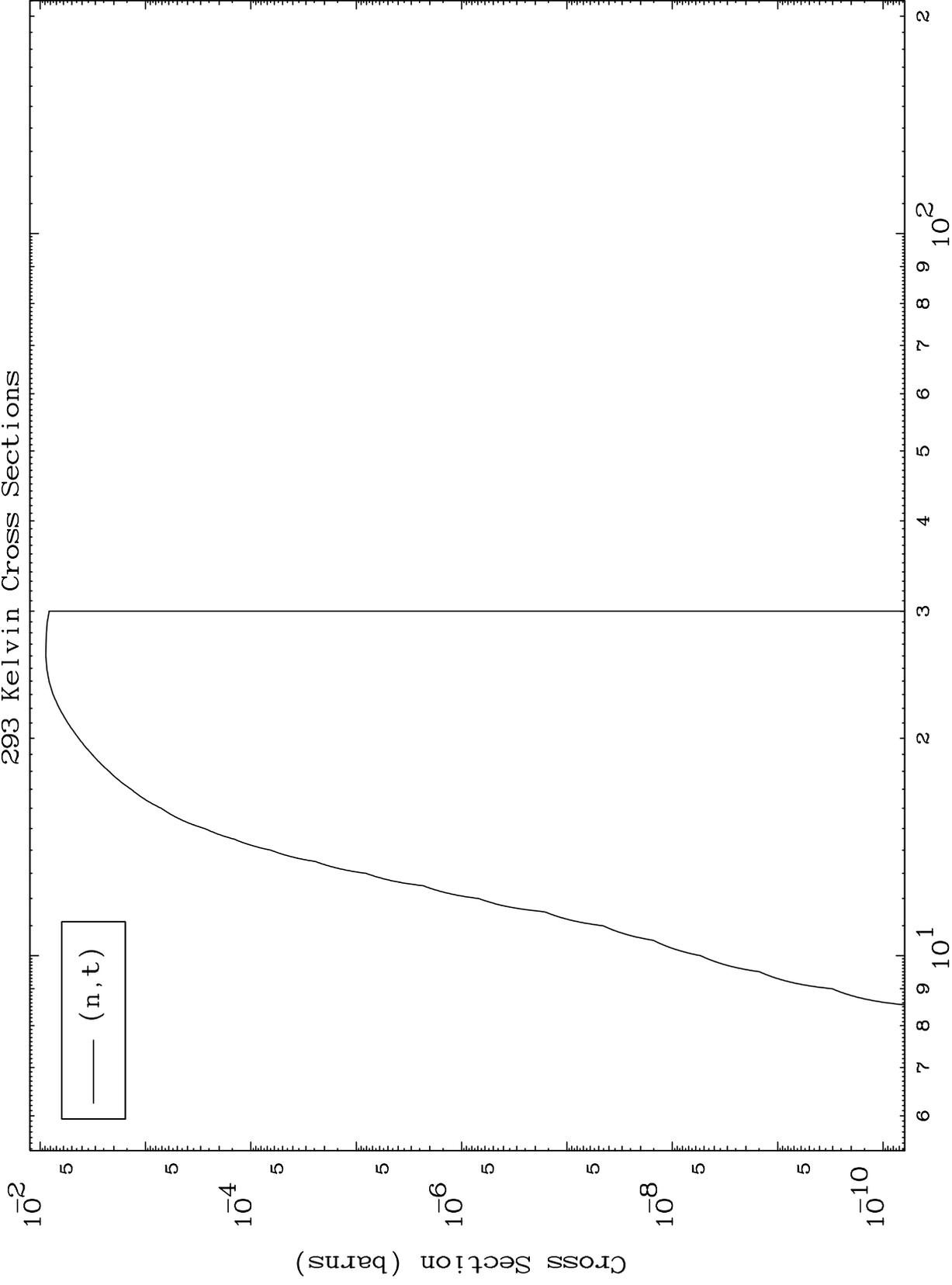
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-84m



12

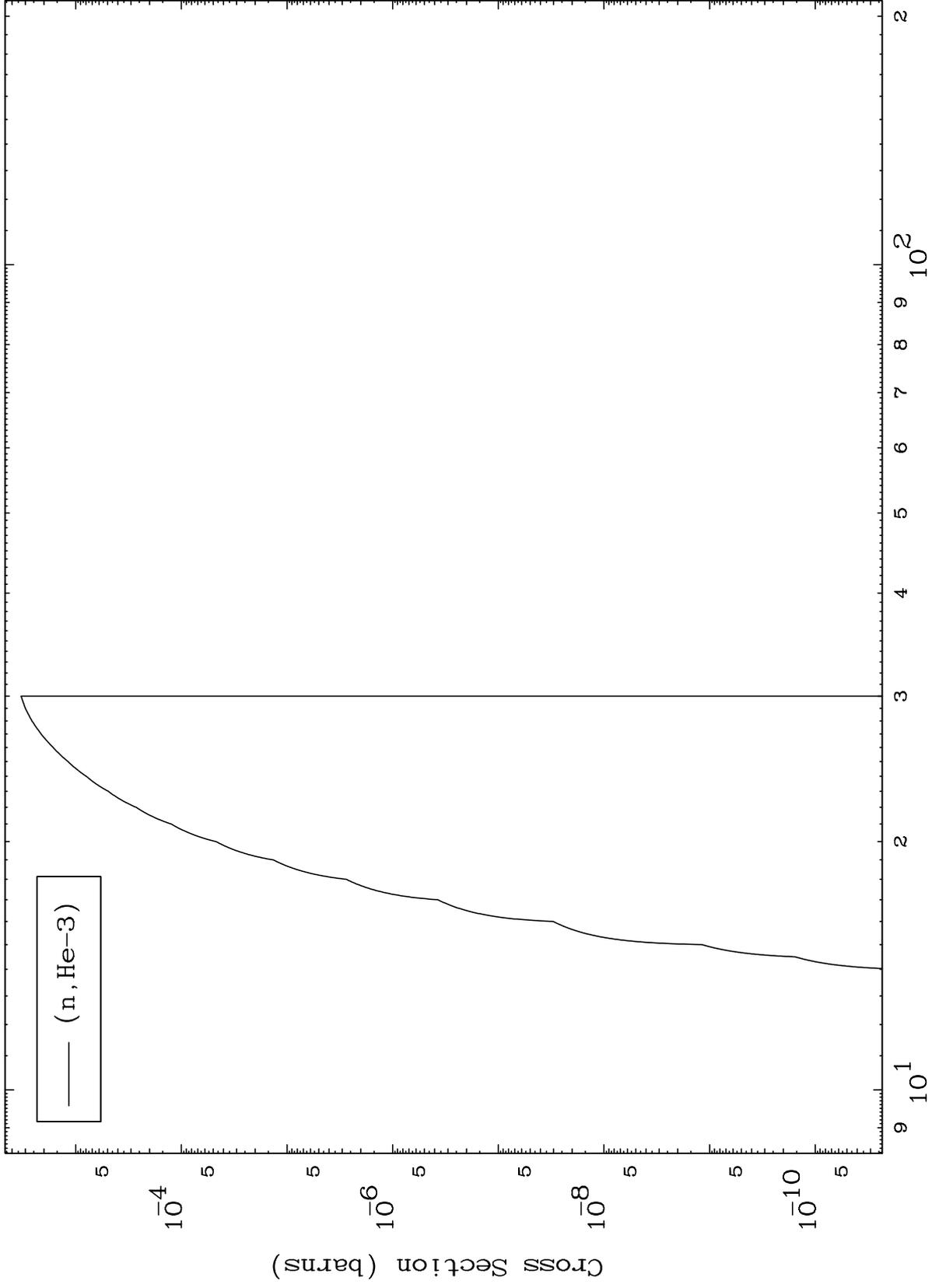
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-84m



13

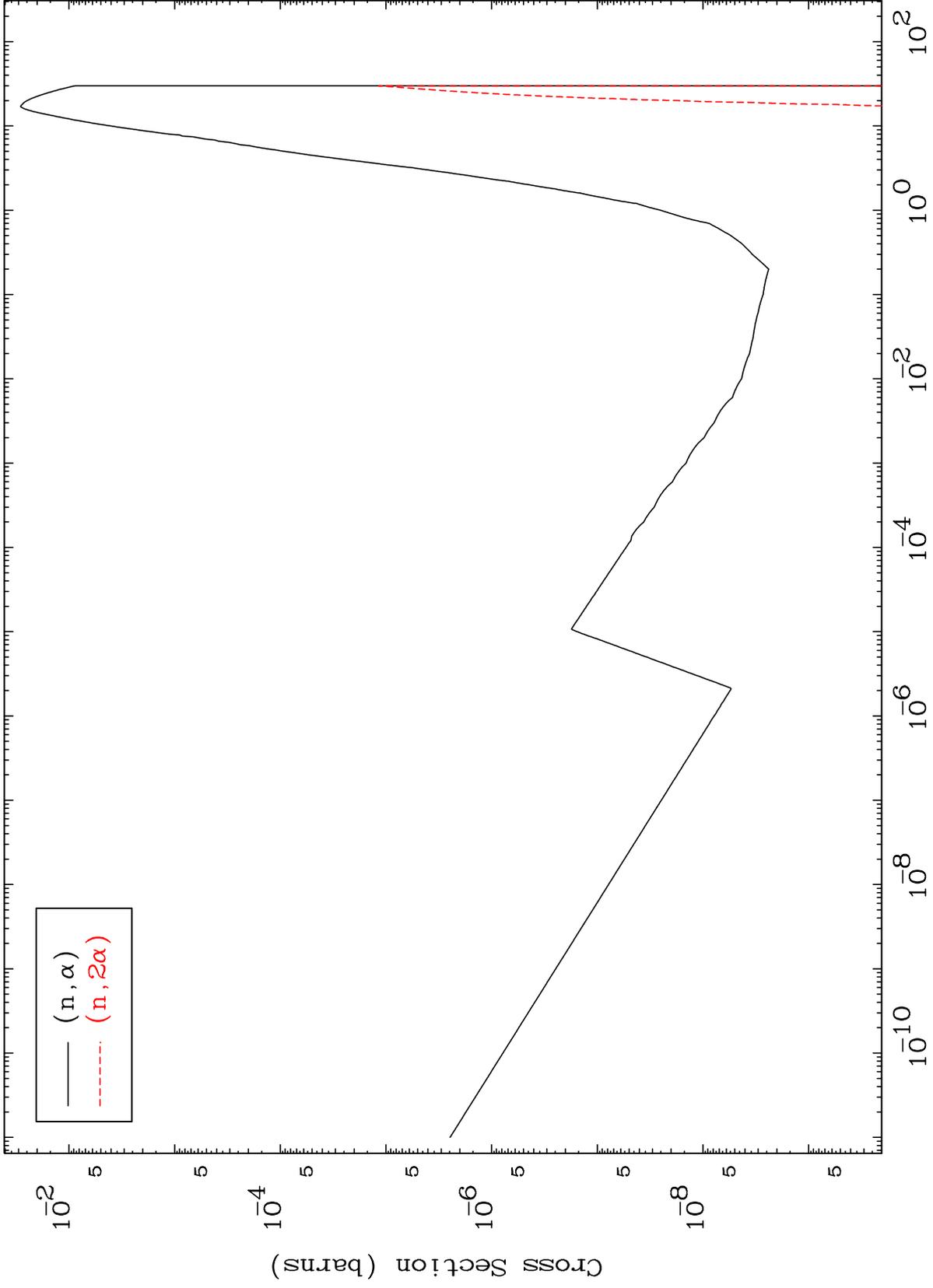
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-84m



14

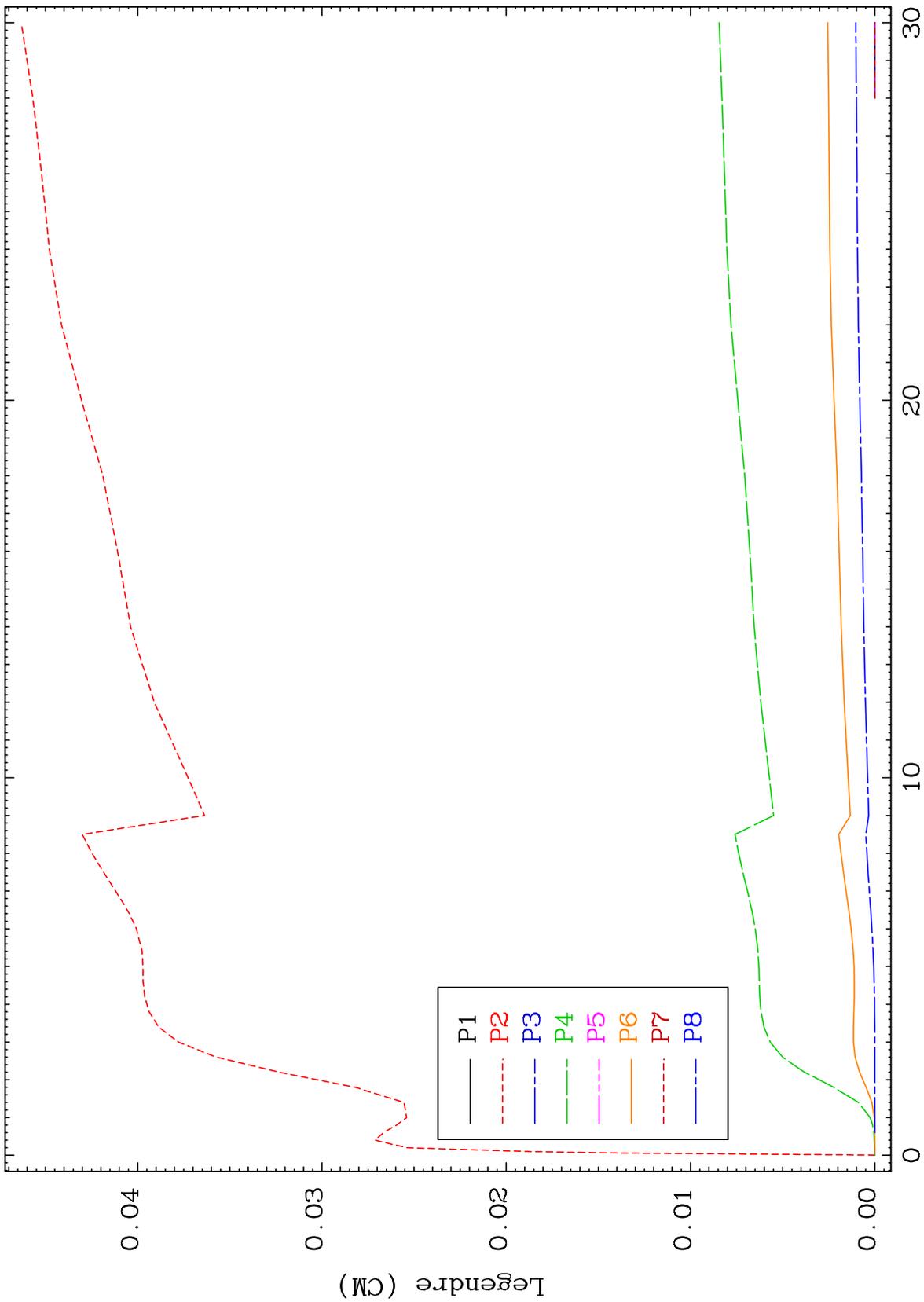
Incident Energy (MeV)

37-Rb-84m

MAT 3723

Elastic Legendre Coefficients

37-Rb-84m



15

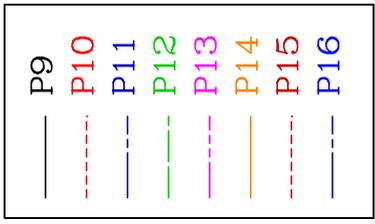
Incident Energy (MeV)

37-Rb-84m

MAT 3723

Elastic Legendre Coefficients

³⁷Rb-84m



16

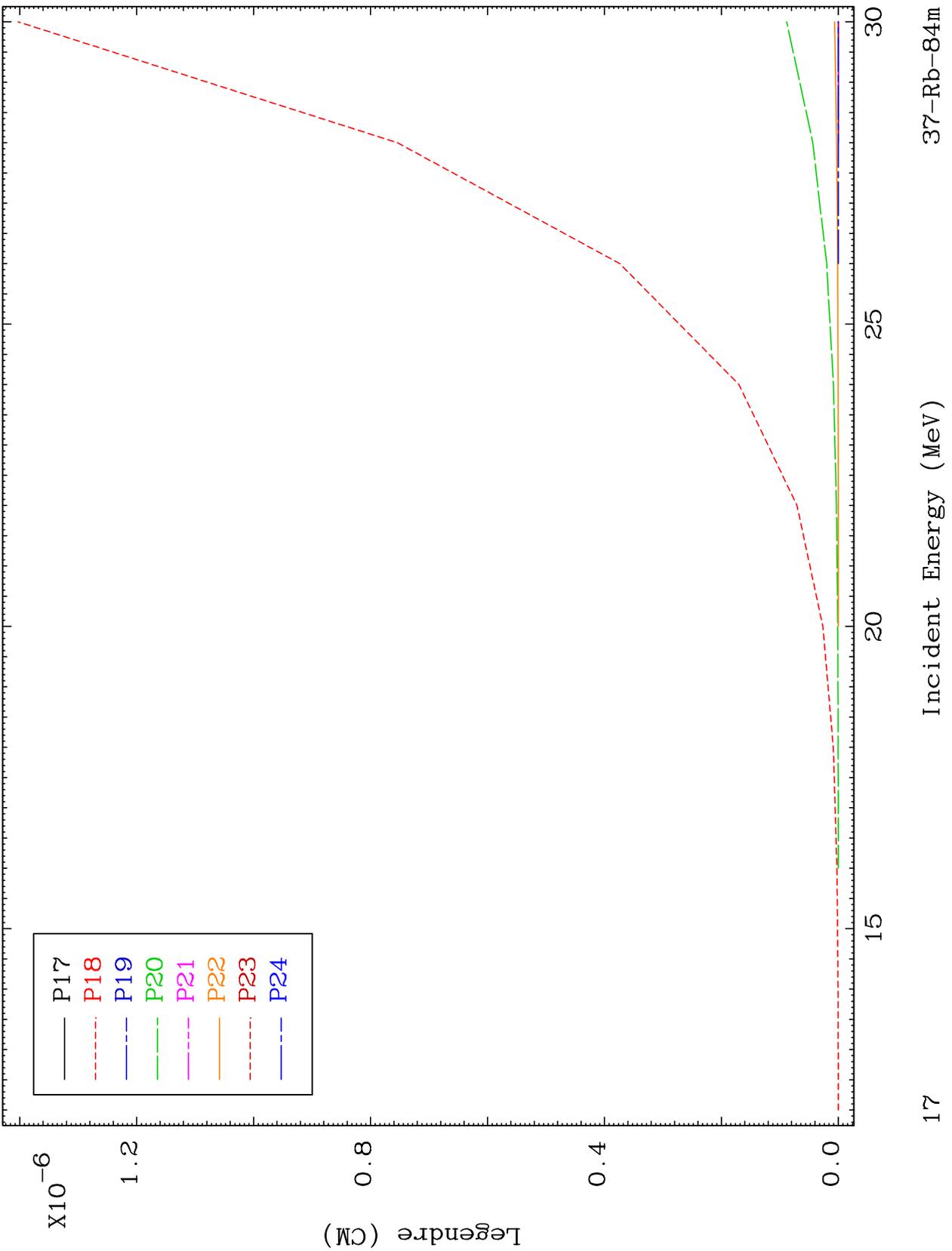
³⁷Rb-84m

Incident Energy (MeV)

MAT 3723

Elastic Legendre Coefficients

³⁷Rb-84m



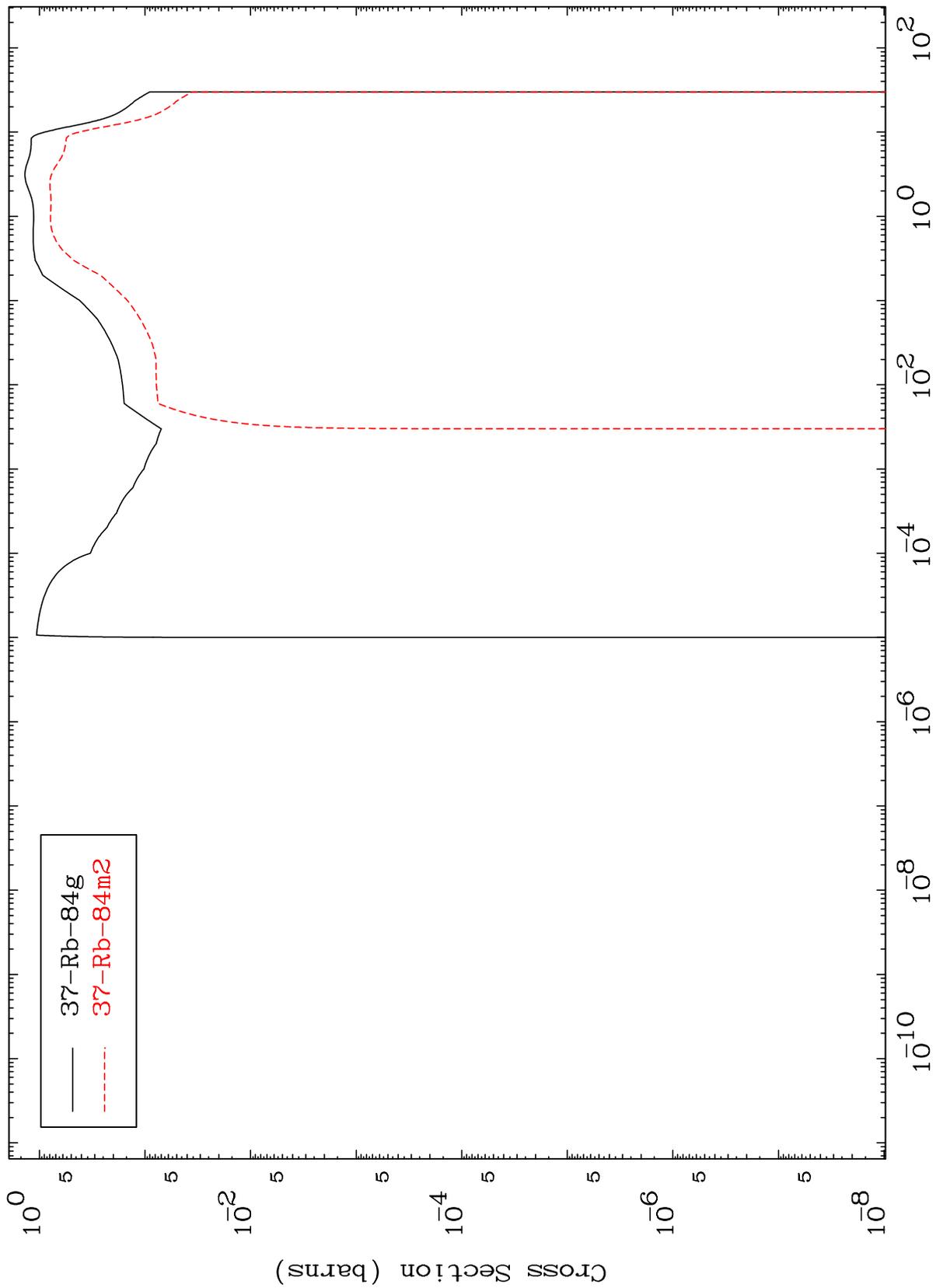
17

³⁷Rb-84m

MAT 3723

³⁷Rb-84m

Inelastic
Radionuclide Production Cross Section



— ³⁷Rb-84g
- - - ³⁷Rb-84m2

³⁷Rb-84m

Incident Energy (MeV)

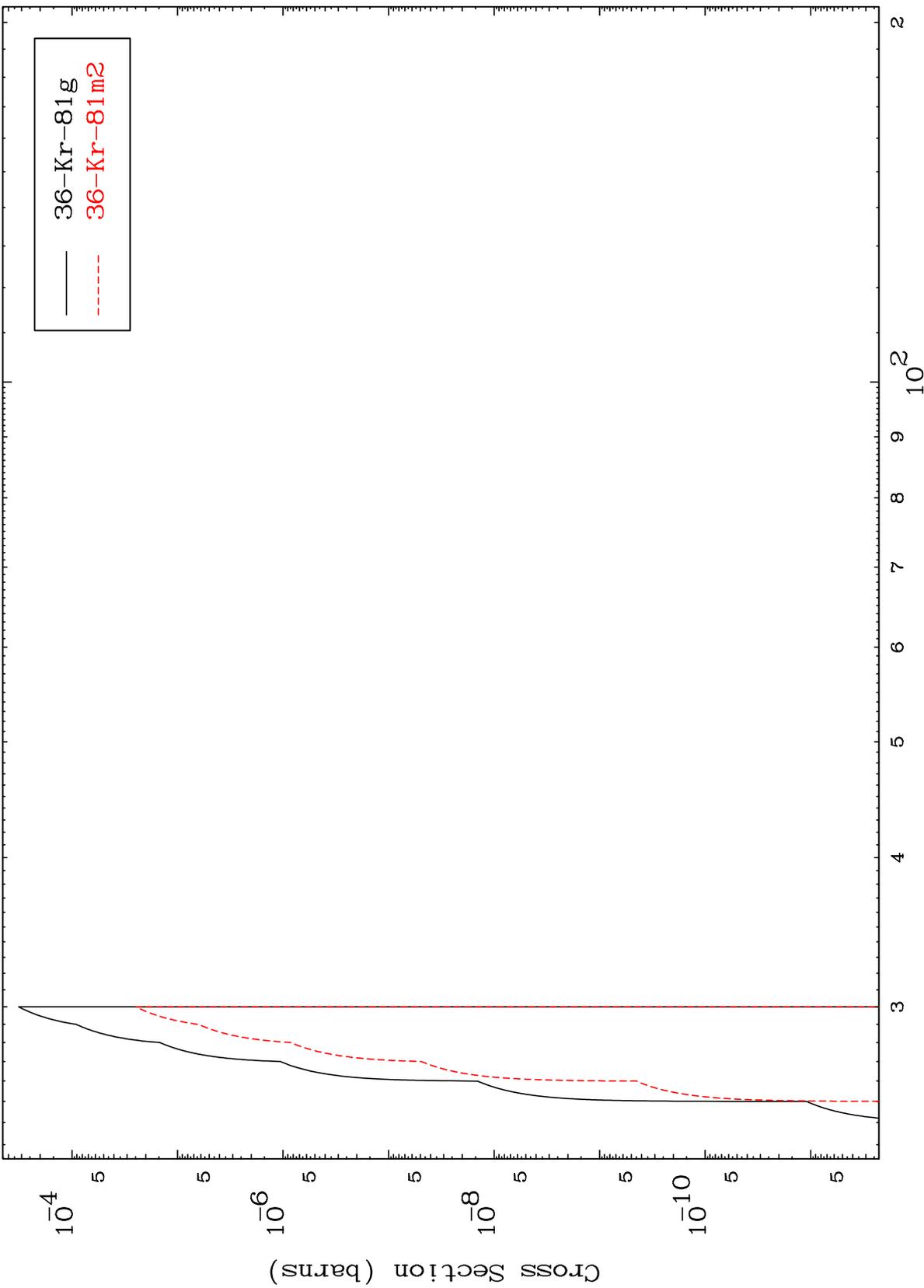
18

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(n,2n) d

37-Rb-84m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

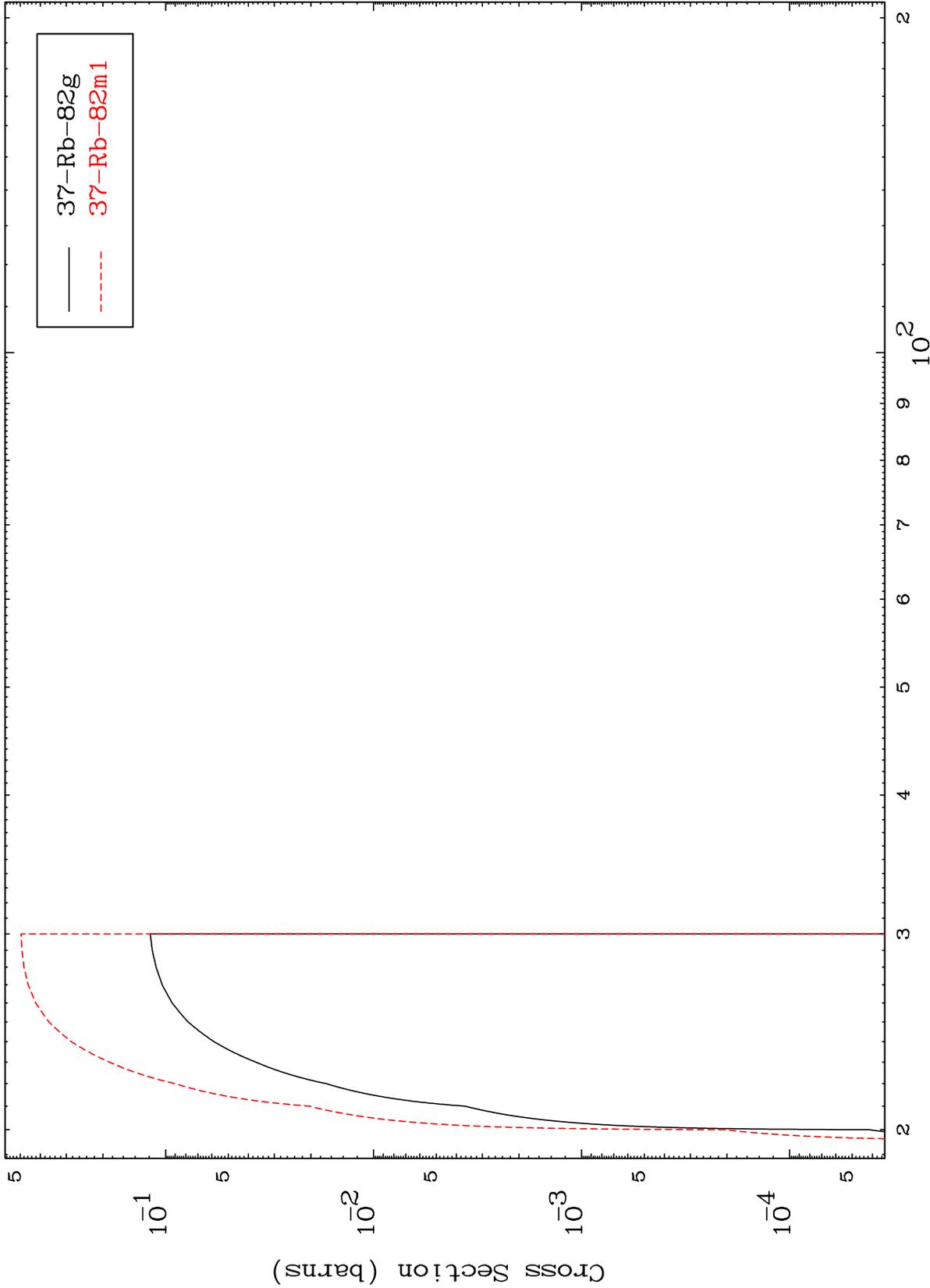
37-Rb-84m

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(n,3n)

37-Rb-84m

Radionuclide Production Cross Section



37-Rb-82g
37-Rb-82m1

20

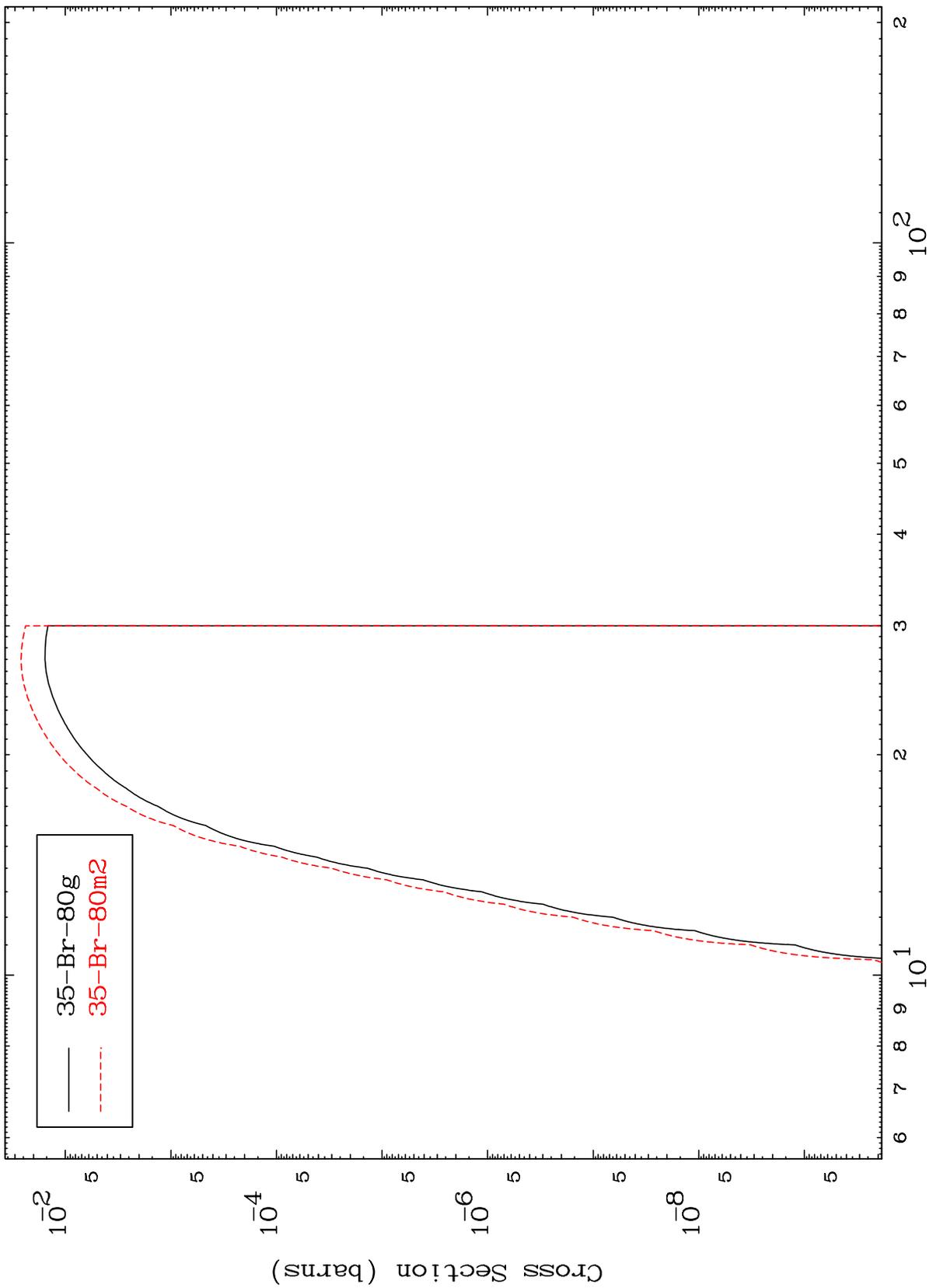
Incident Energy (MeV)

37-Rb-84m

MAT 3723

37-Rb-84m

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



21

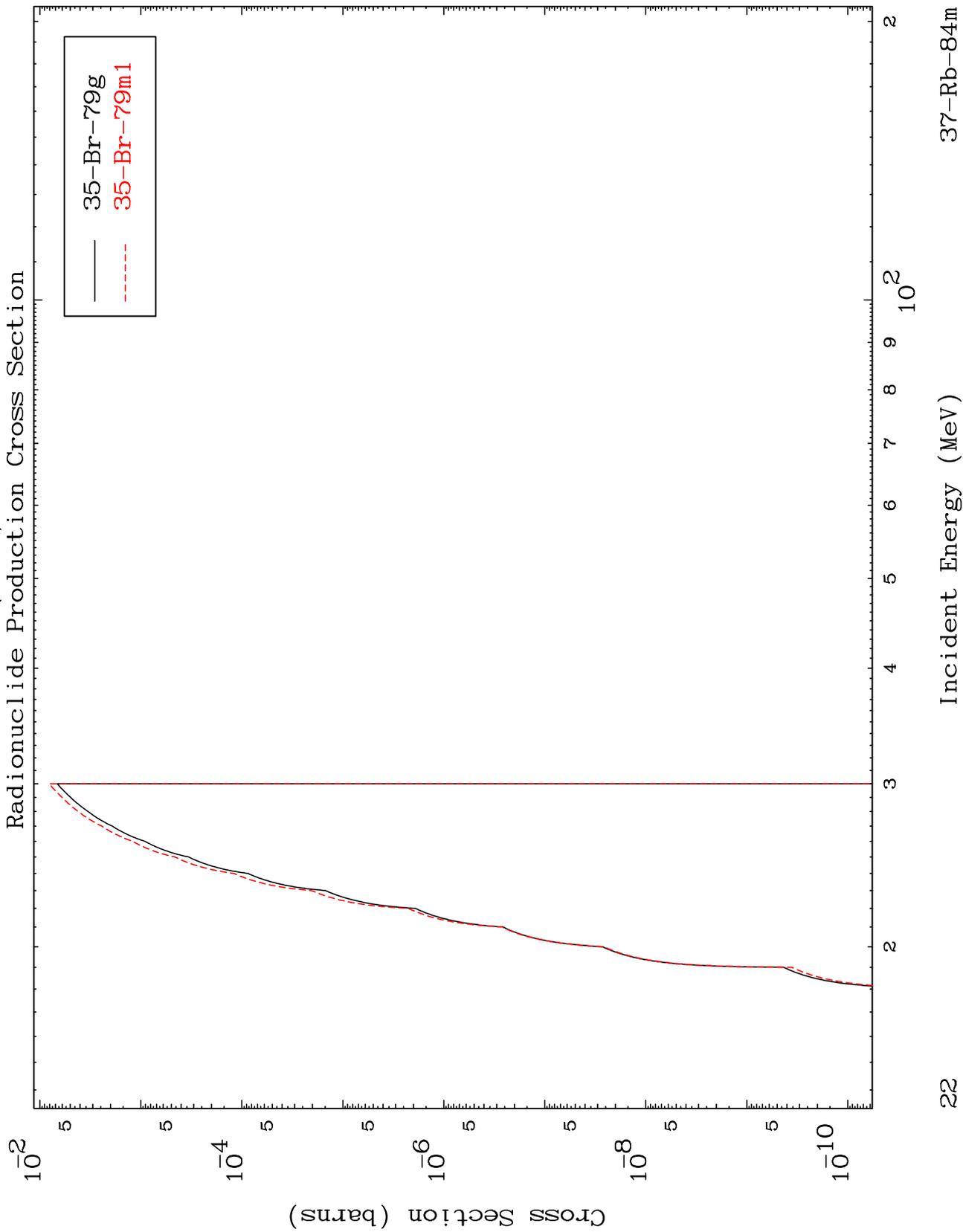
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,2n) α

37-Rb-84m



22

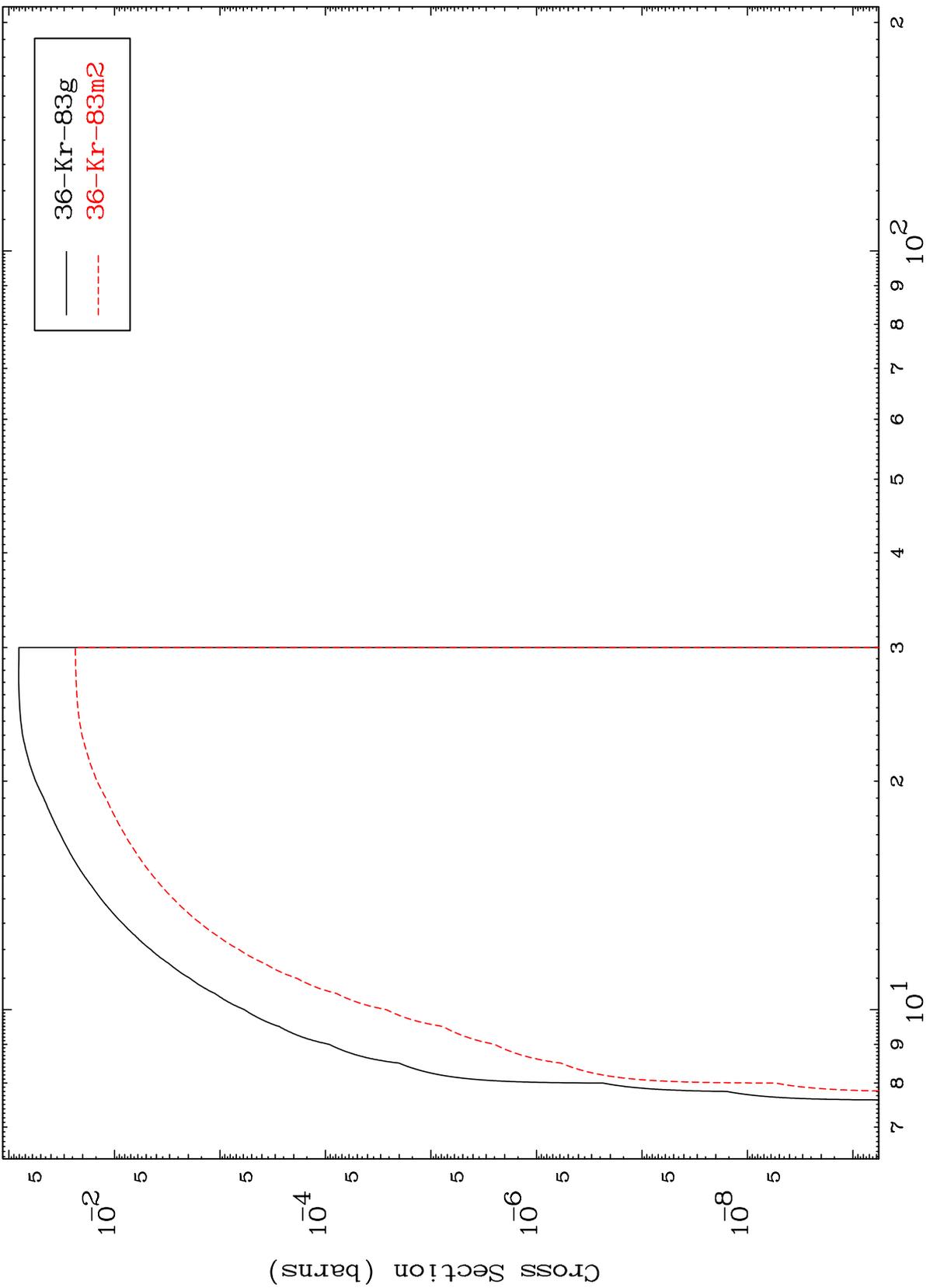
37-Rb-84m

MAT 3723

(n,n') p

37-Rb-84m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

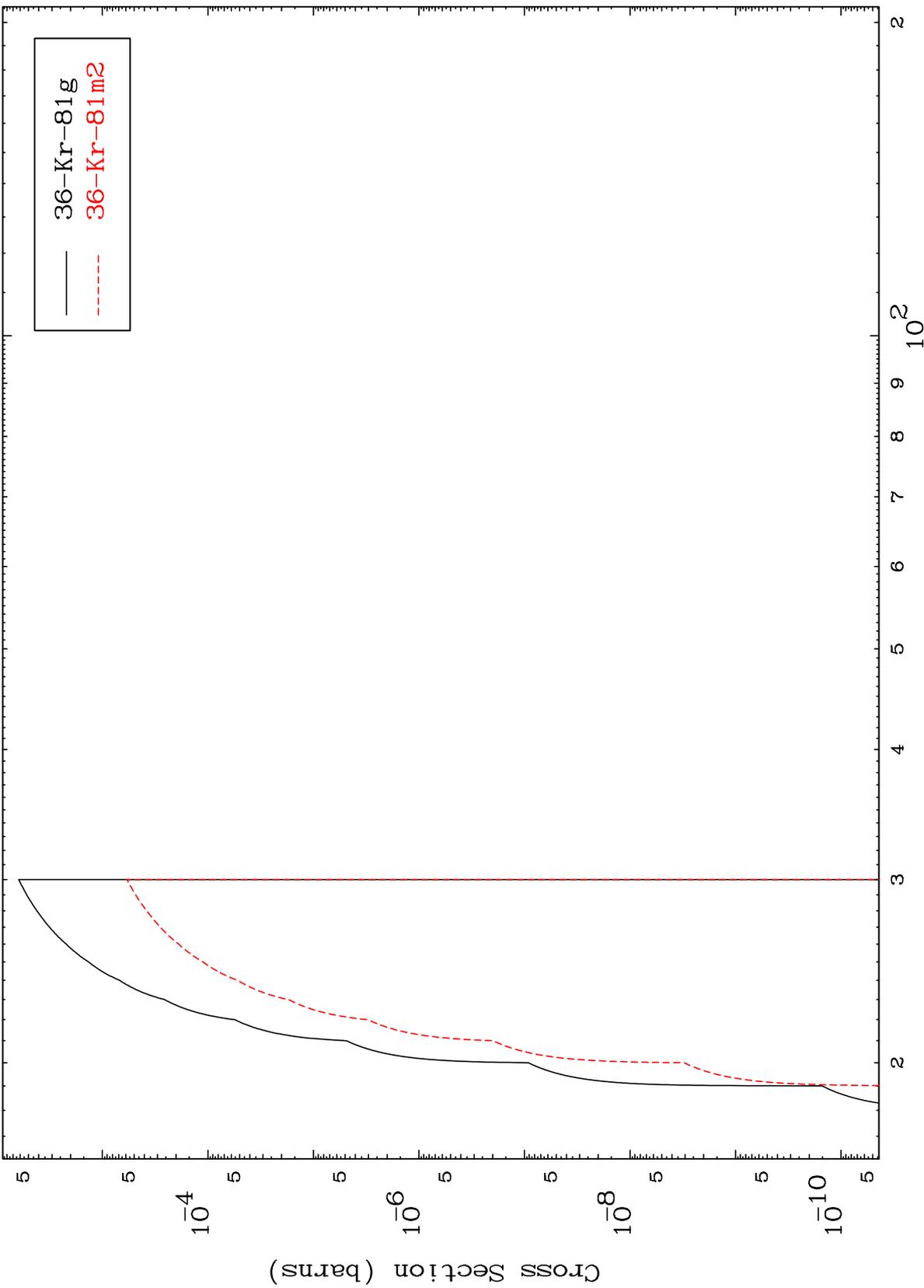
37-Rb-84m

MAT 3723

(n,n') t

37-Rb-84m

Radionuclide Production Cross Section



24

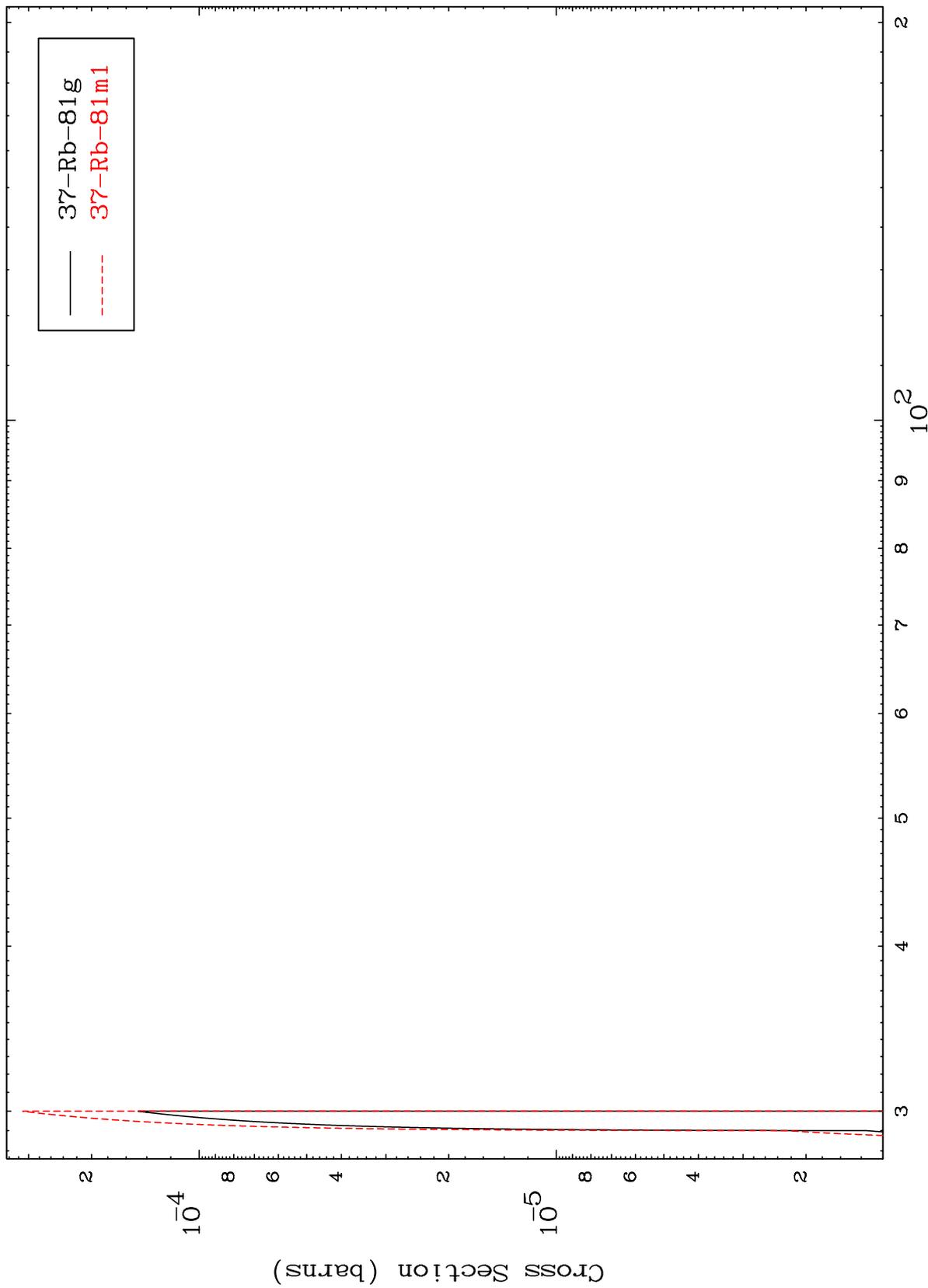
Incident Energy (MeV)

37-Rb-84m

MAT 3723

³⁷Rb-84m

(n,4n)
Radionuclide Production Cross Section



³⁷Rb-84m

Incident Energy (MeV)

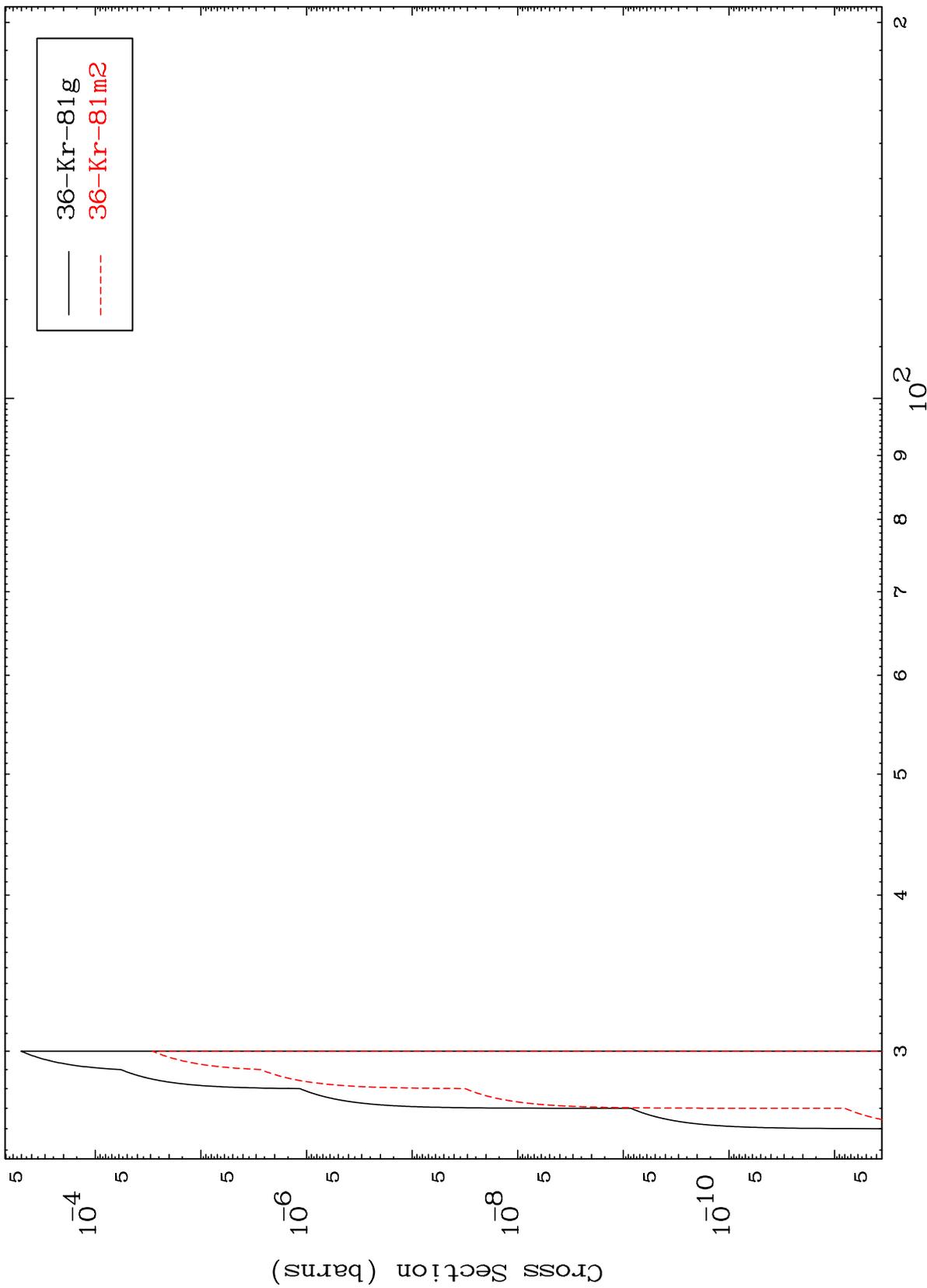
25

MAT 3723

(n,3n) p

37-Rb-84m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

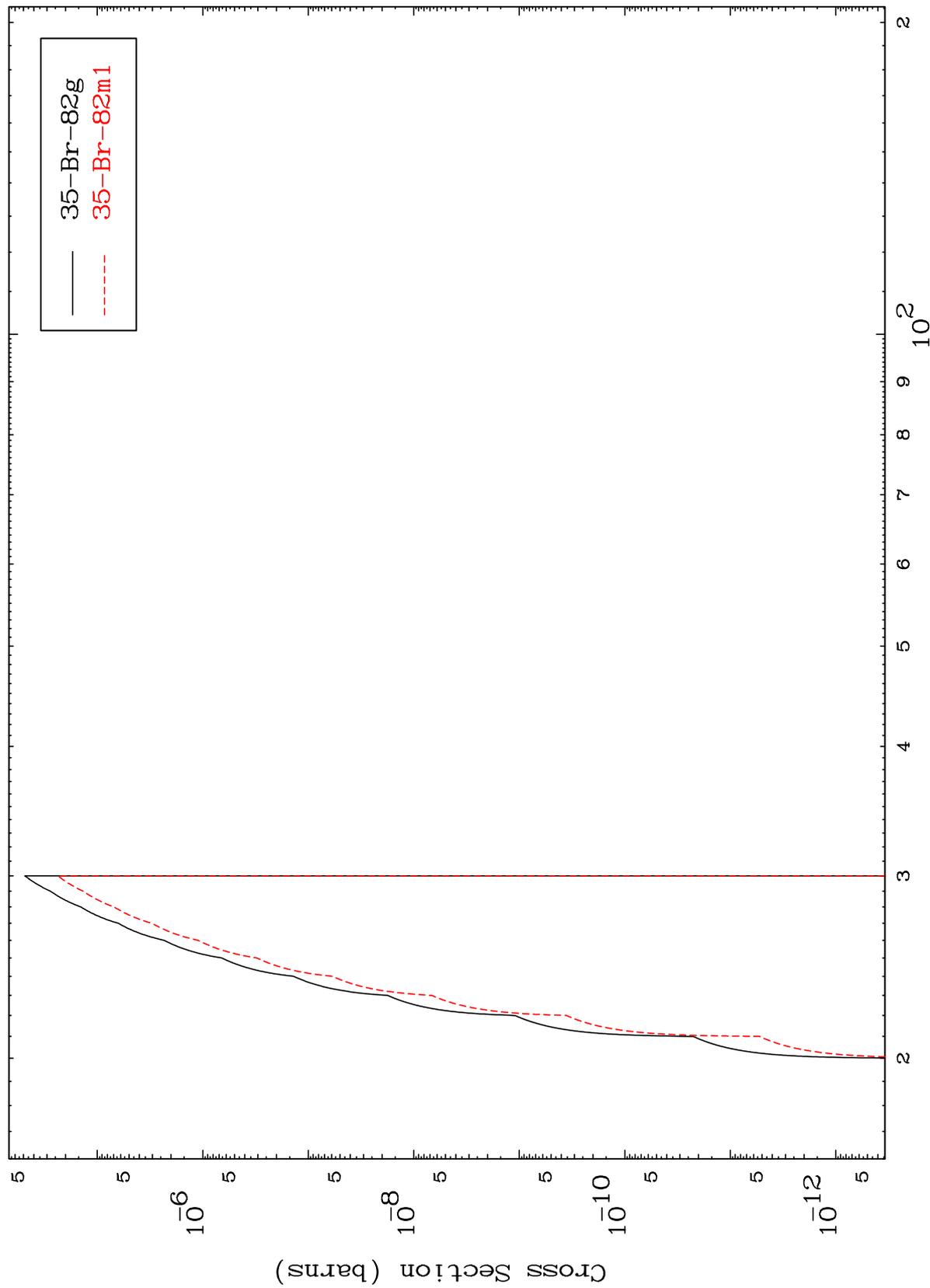
37-Rb-84m

MAT 3723

(n,2n) p

37-Rb-84m

Radionuclide Production Cross Section



27

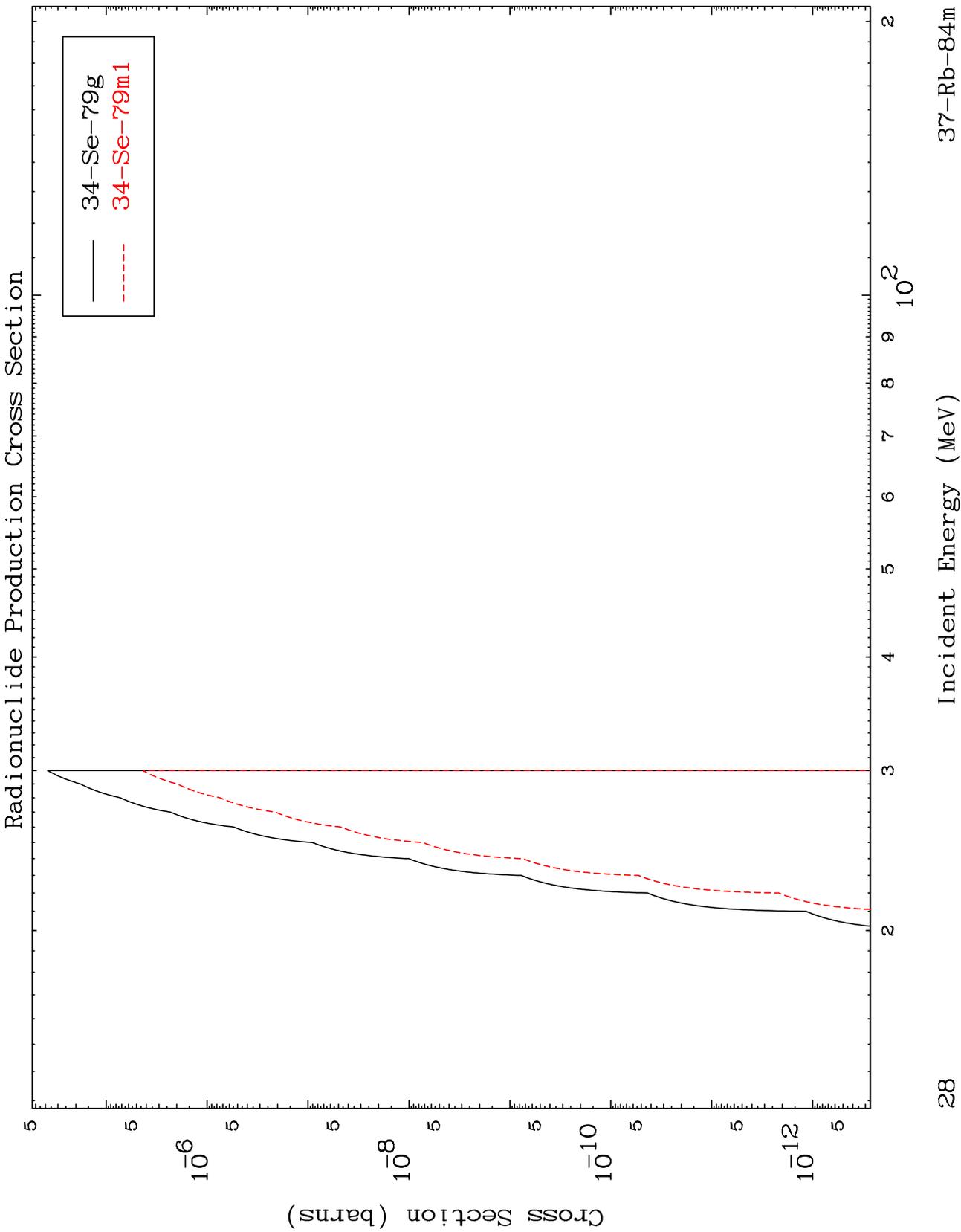
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,n') p α

37-Rb-84m



28

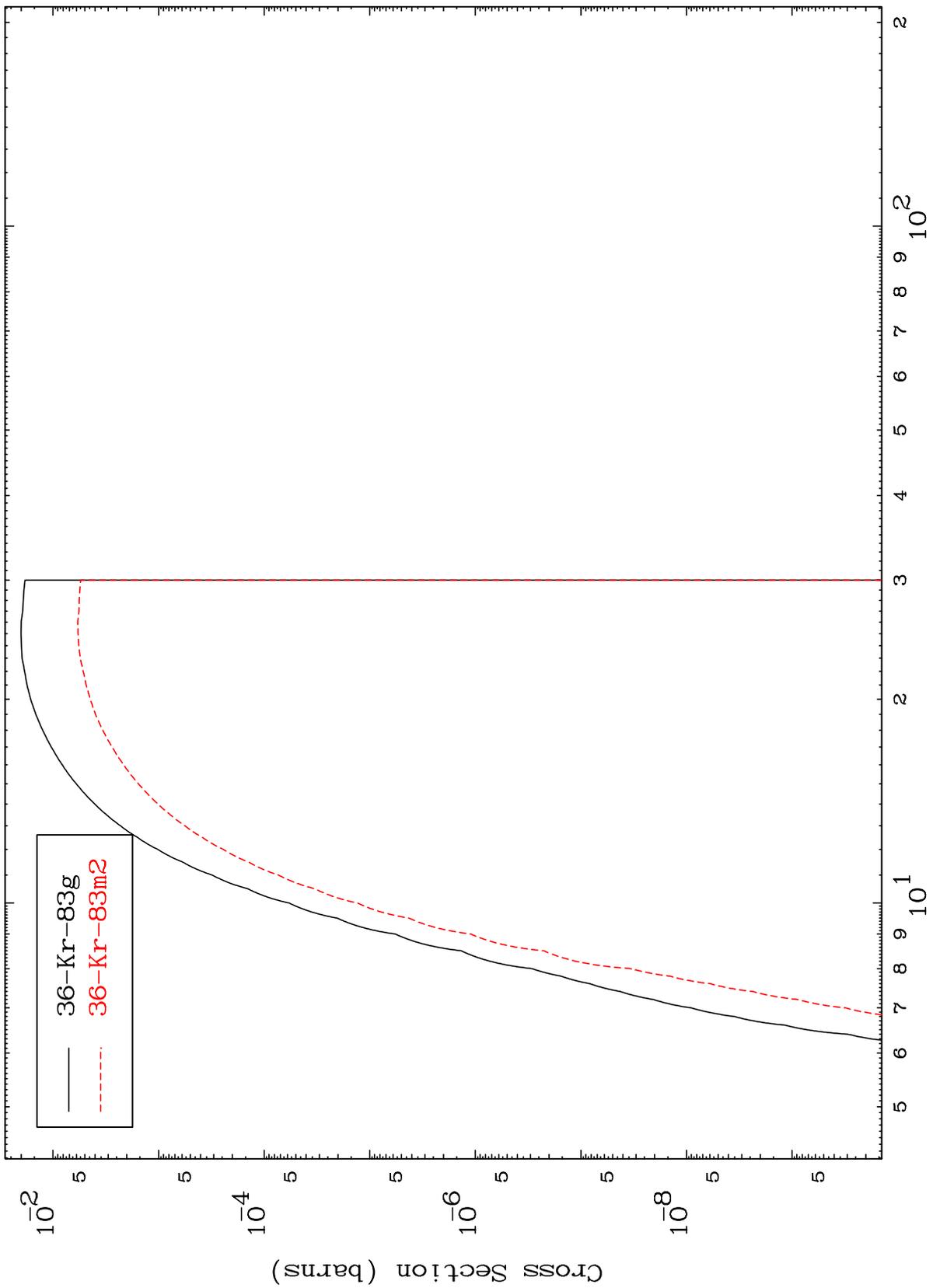
Incident Energy (MeV)

37-Rb-84m

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37-Rb-84m

(n,d)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

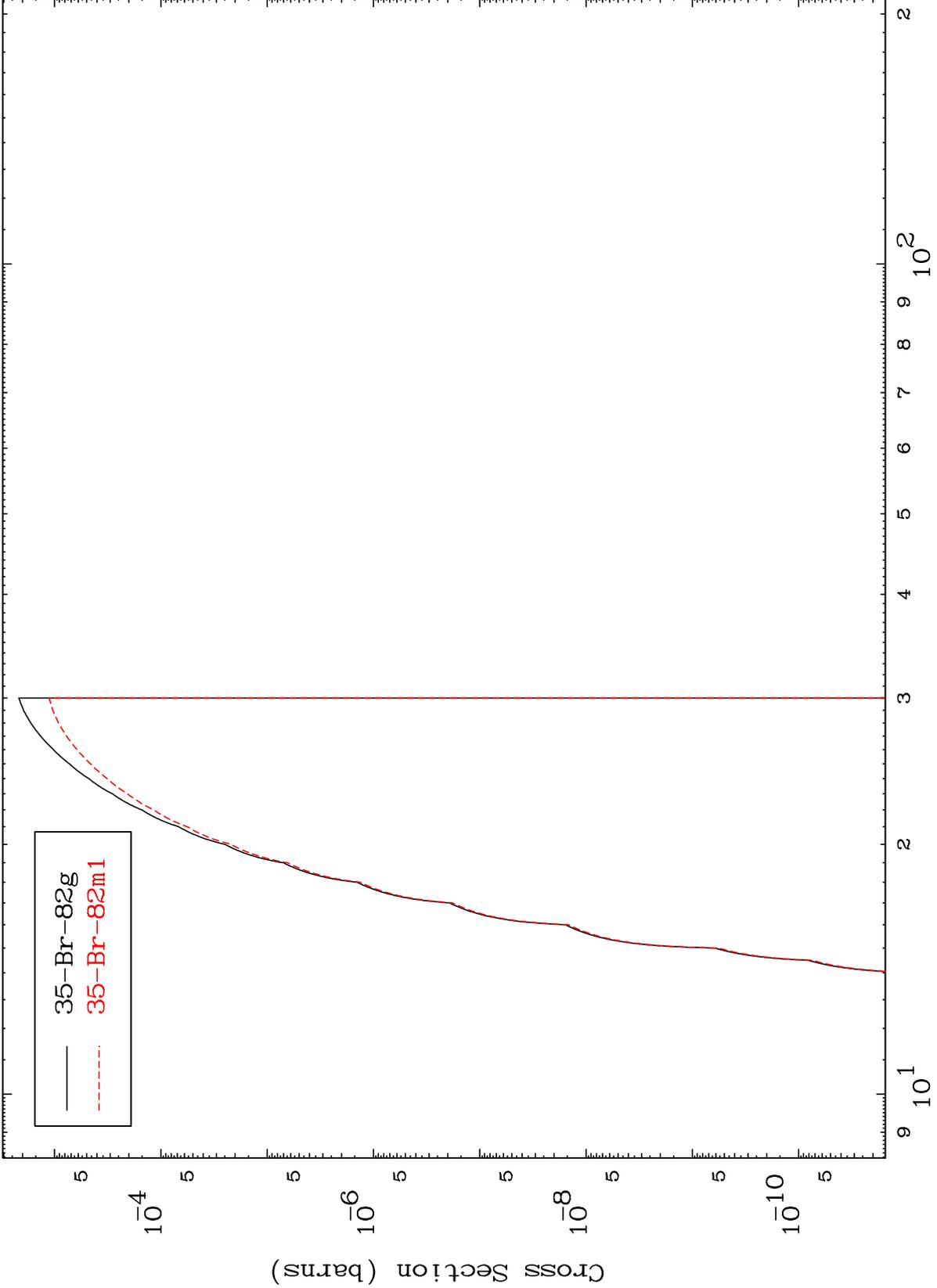
37-Rb-84m

MAT 3723

(n,He-3)

37-Rb-84m

Radionuclide Production Cross Section



30

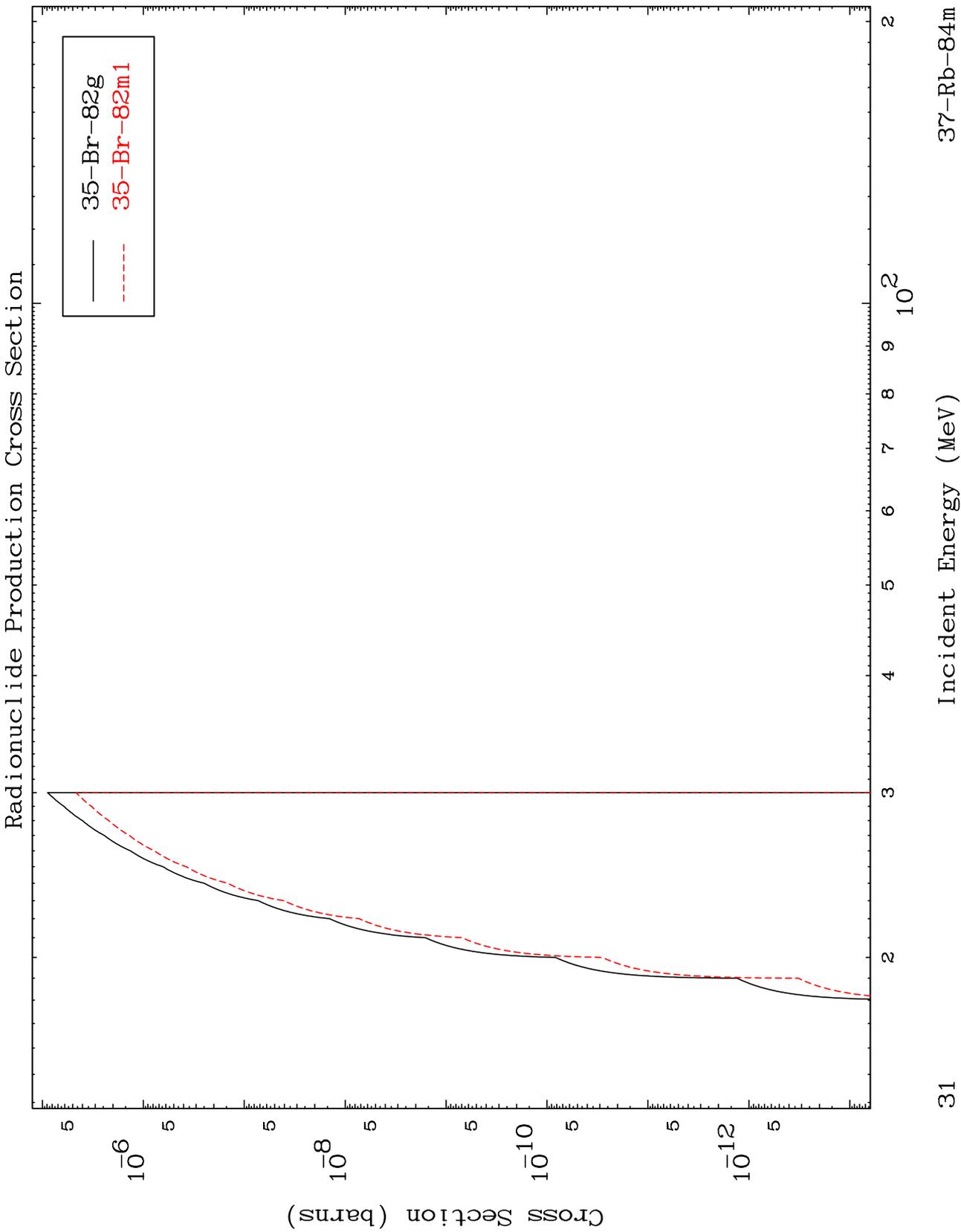
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,p) d

37-Rb-84m



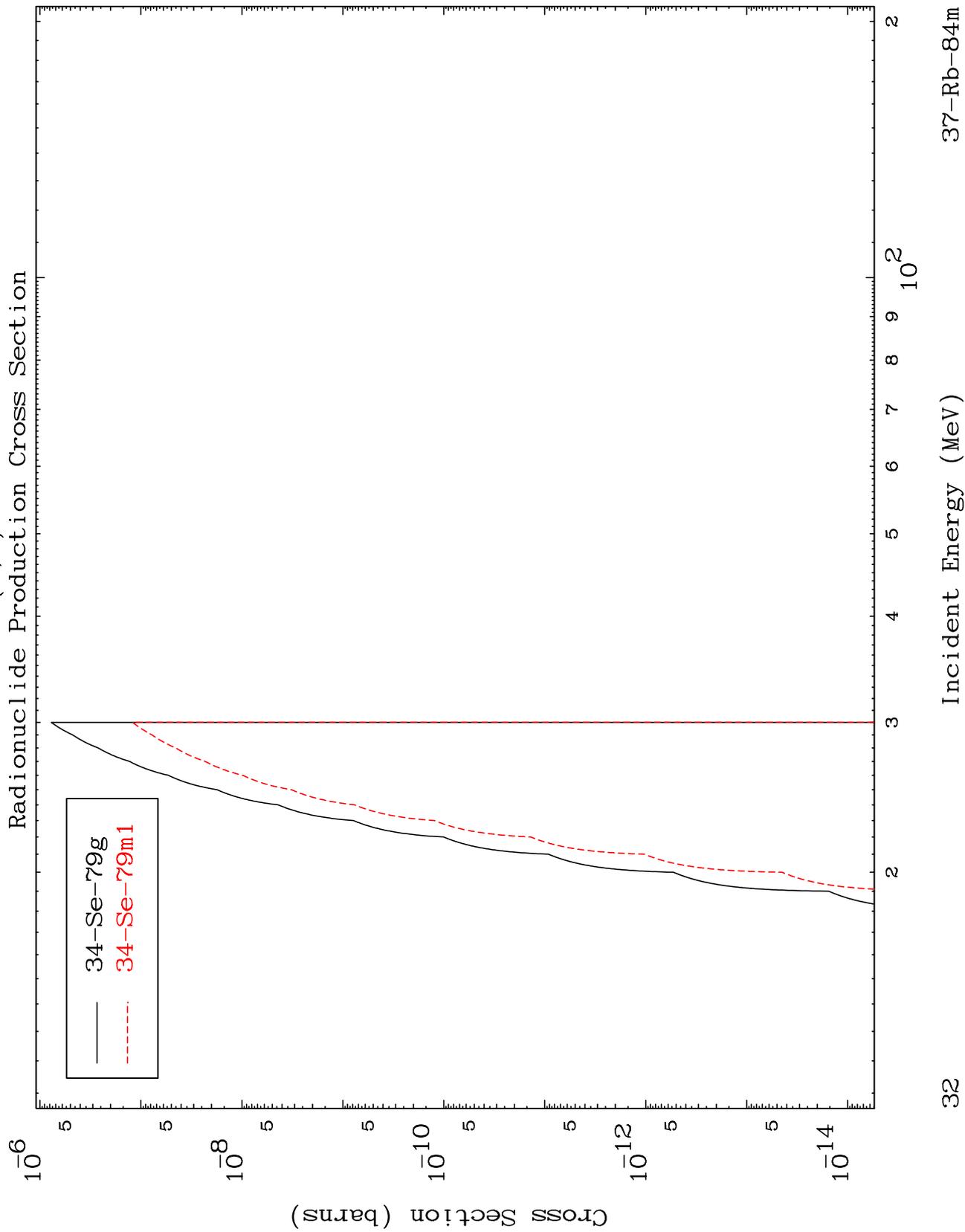
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37-Rb-84m

MAT 3723

(n,d) α

37-Rb-84m



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