

Program EVALPLOT
(Version 2021-1)

by

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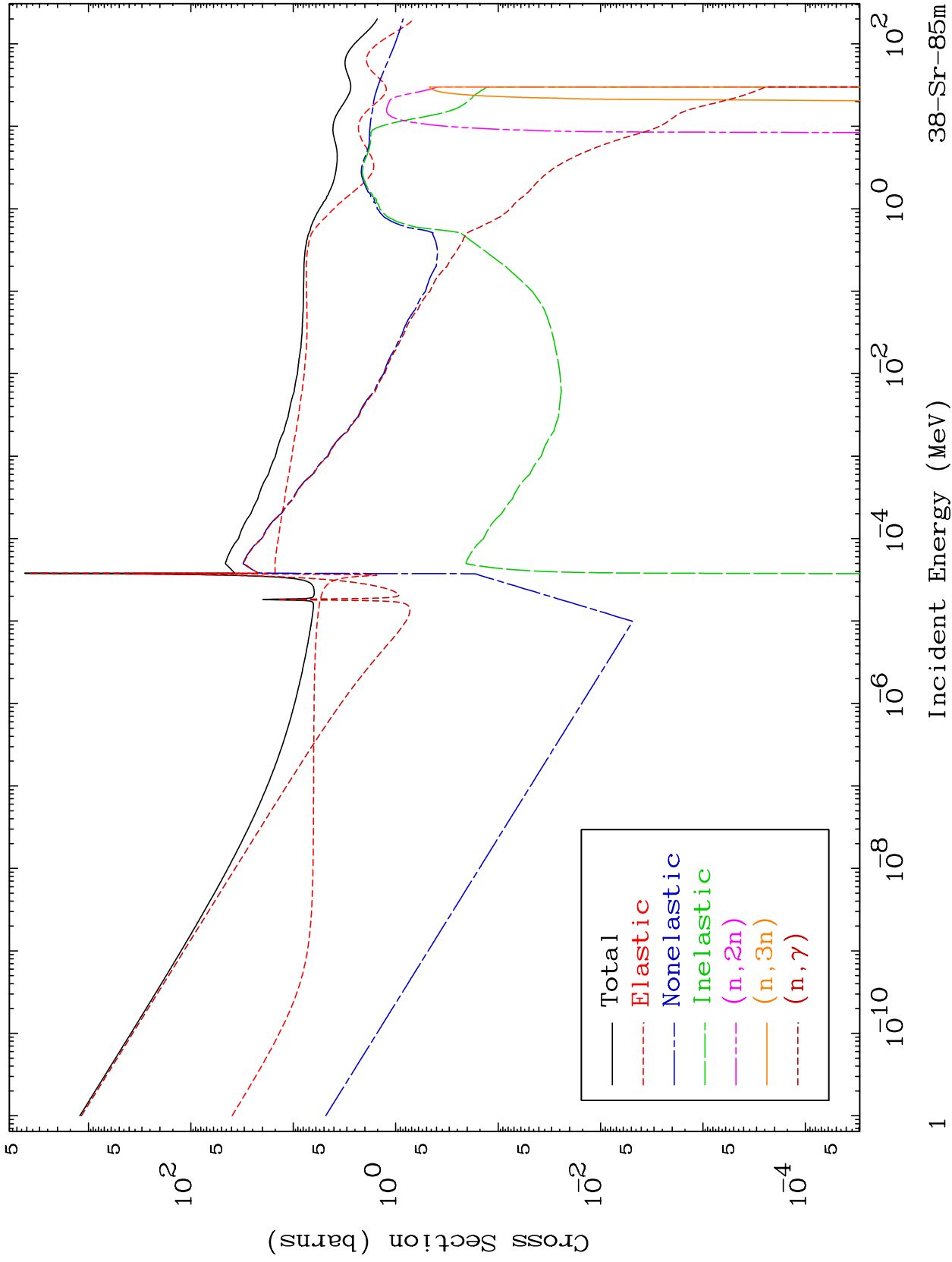
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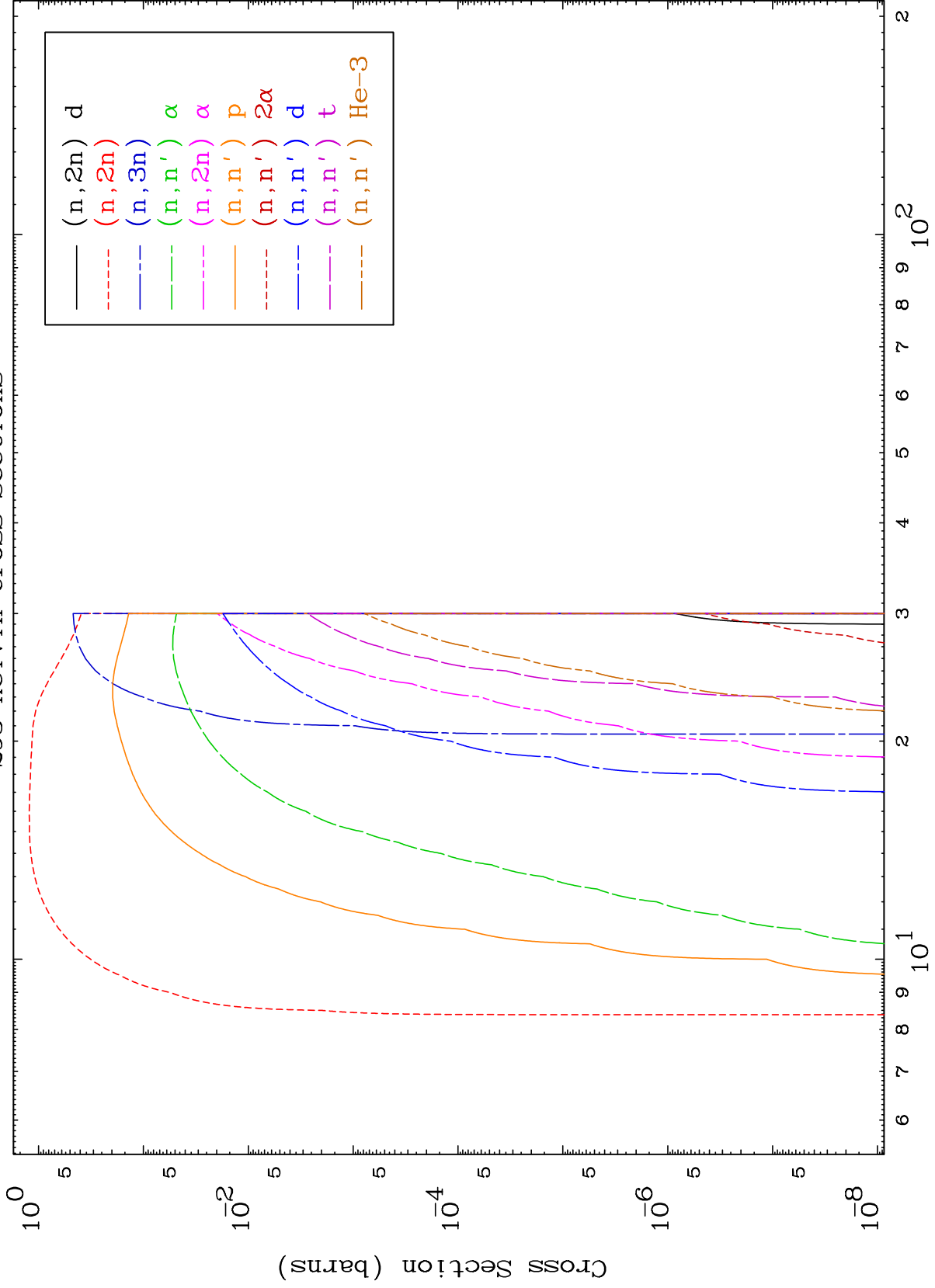
Press Mouse Button to Start

MAT 3829

Neutron Major
293 Kelvin Cross Sections

38-Sr-85m

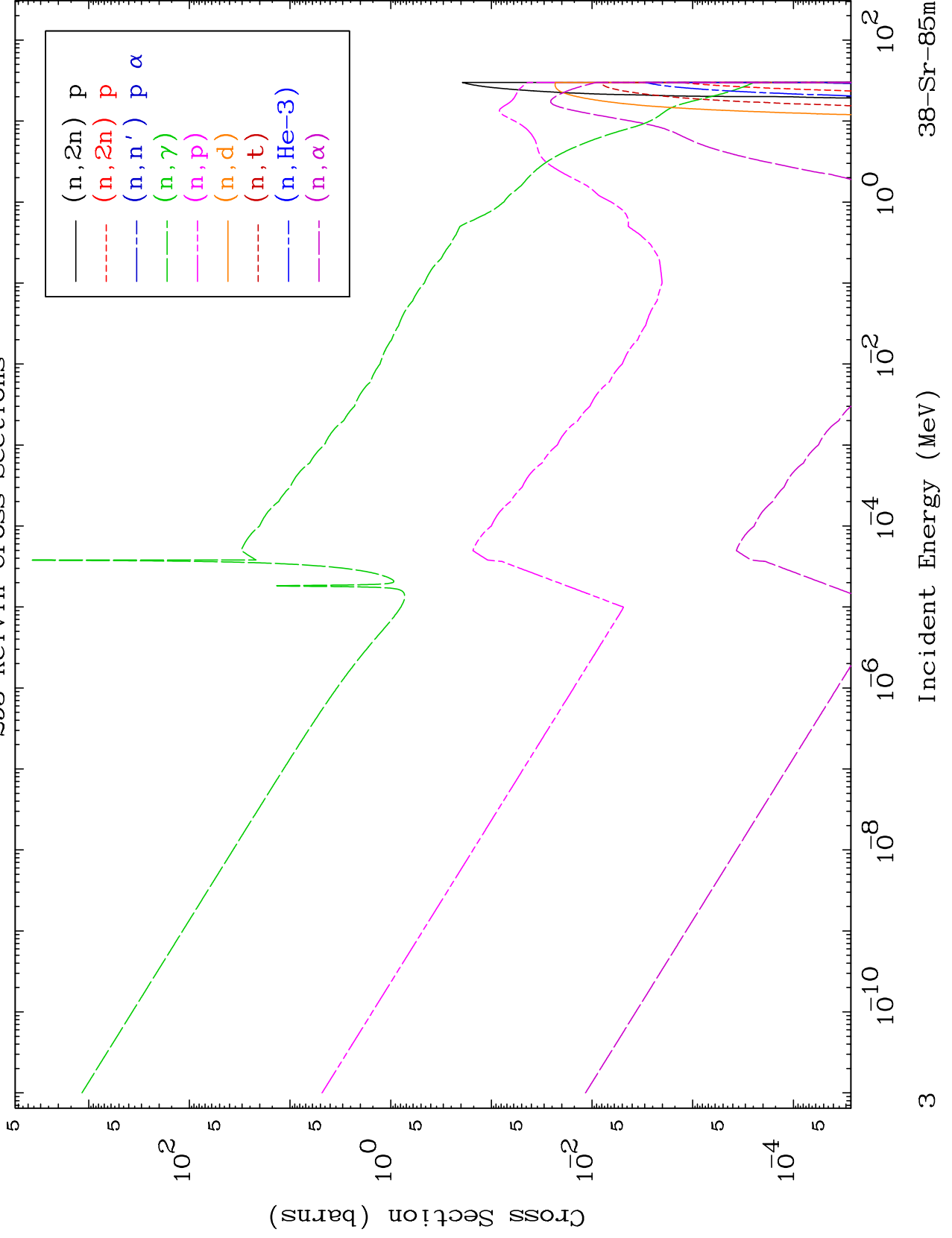


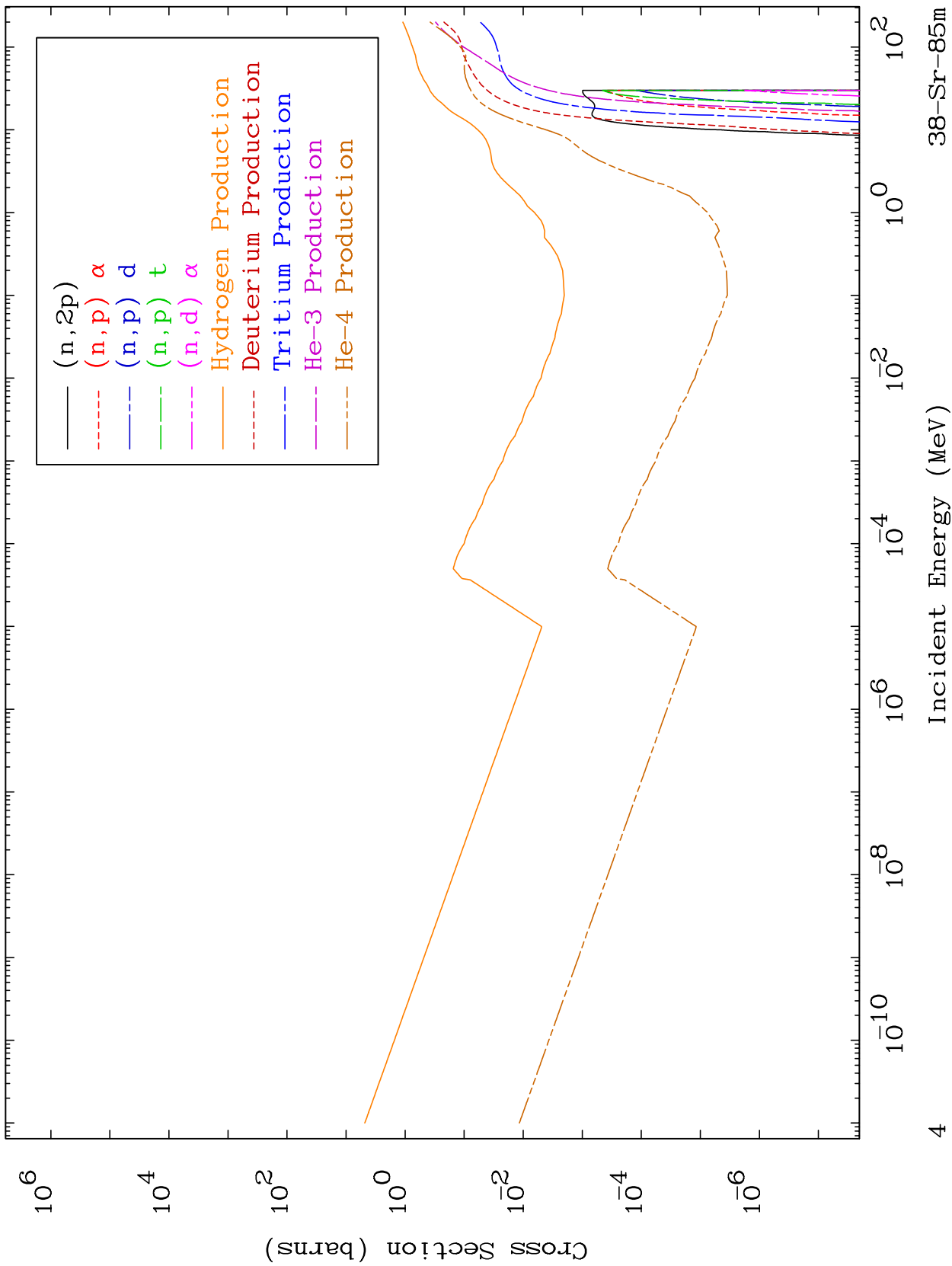


MAT 3829

Neutron Absorption
293 Kelvin Cross Sections

38-Sr-85m

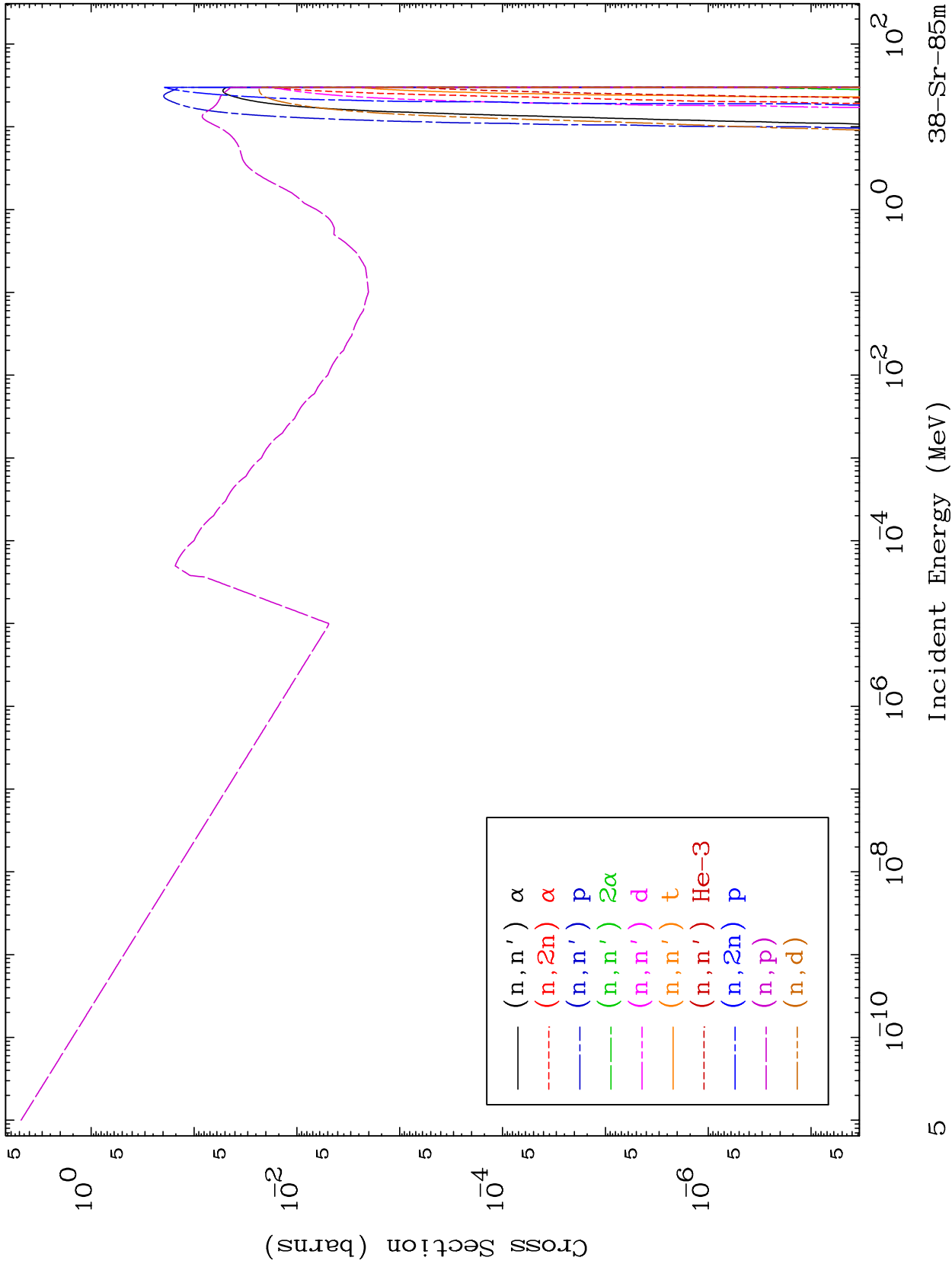




MAT 3829

Charged Particle
293 Kelvin Cross Sections

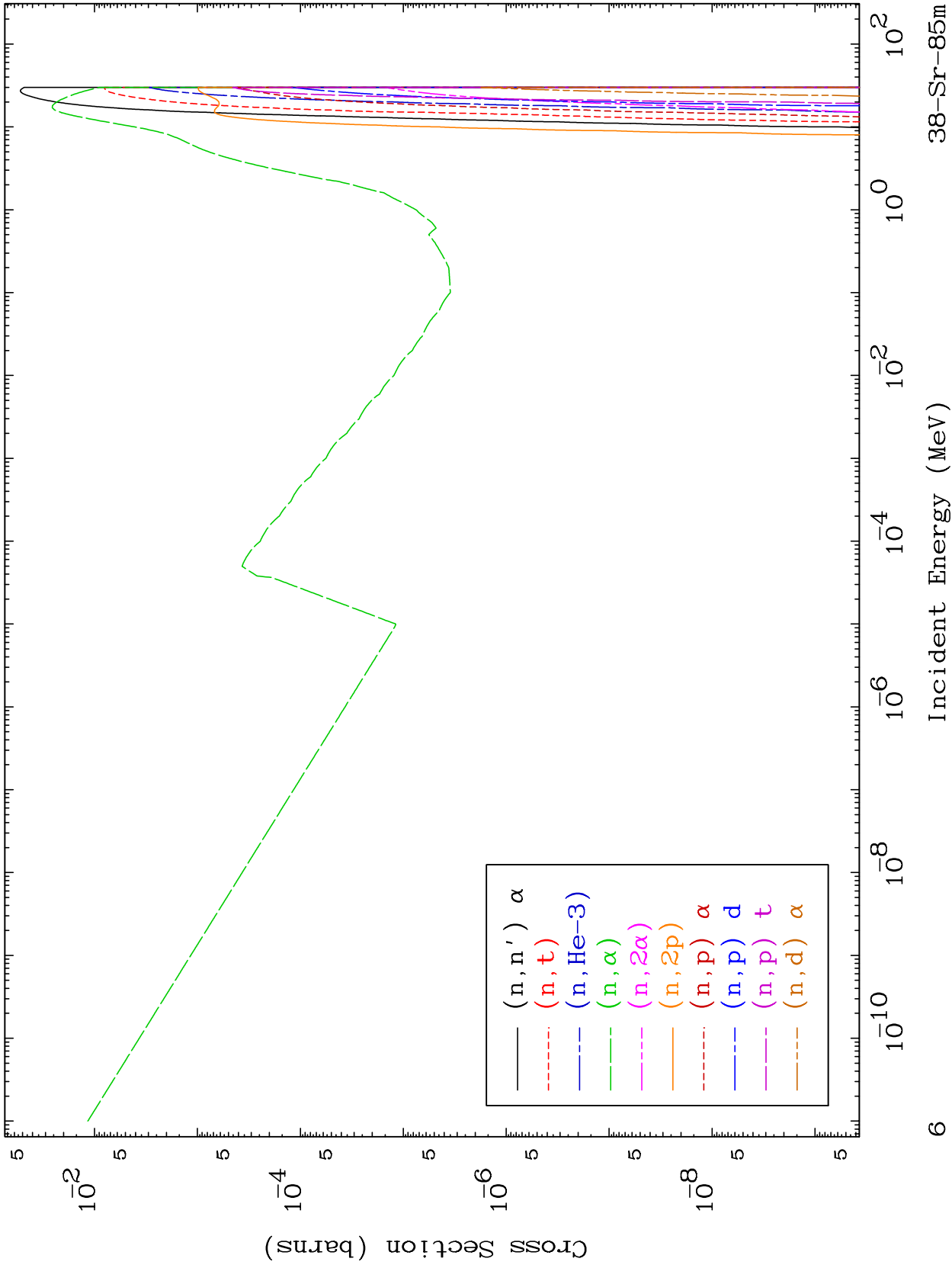
38-Sr-85m



MAT 3829

Charged Particle
293 Kelvin Cross Sections

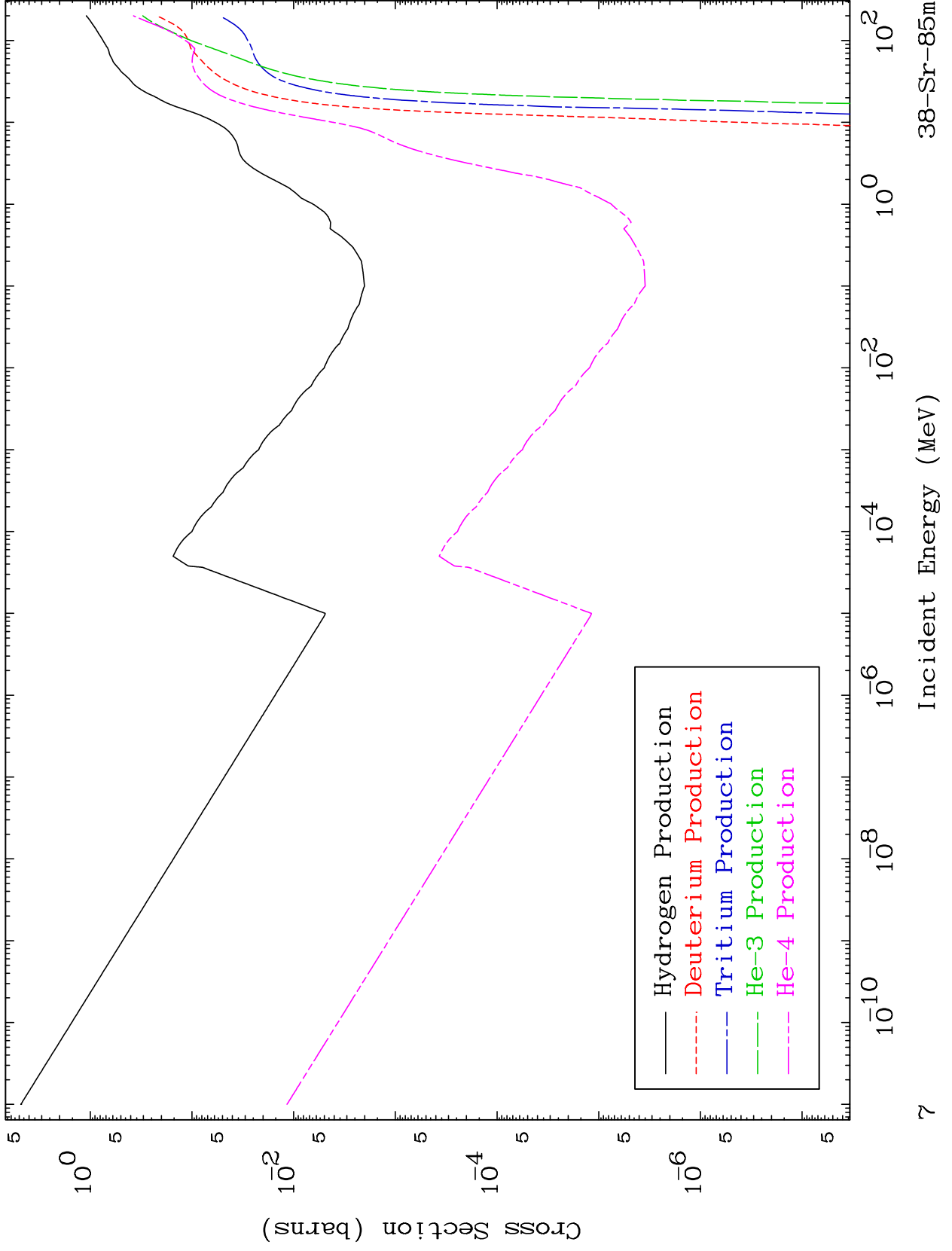
38-Sr-85m



MAT 3829

Particle Production
293 Kelvin Cross Sections

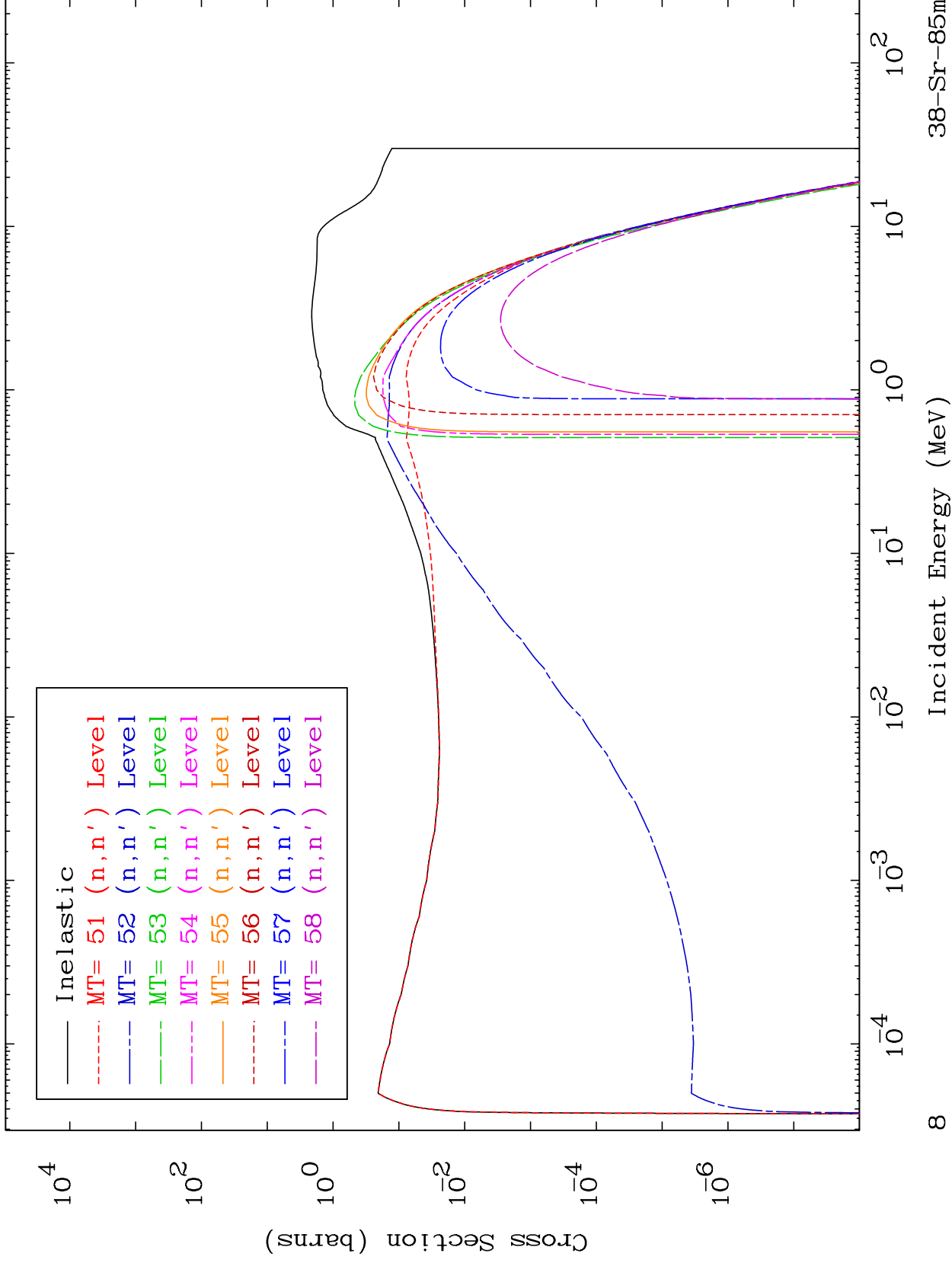
38-Sr-85m



MAT 3829

(n,n') Levels
293 Kelvin Cross Sections

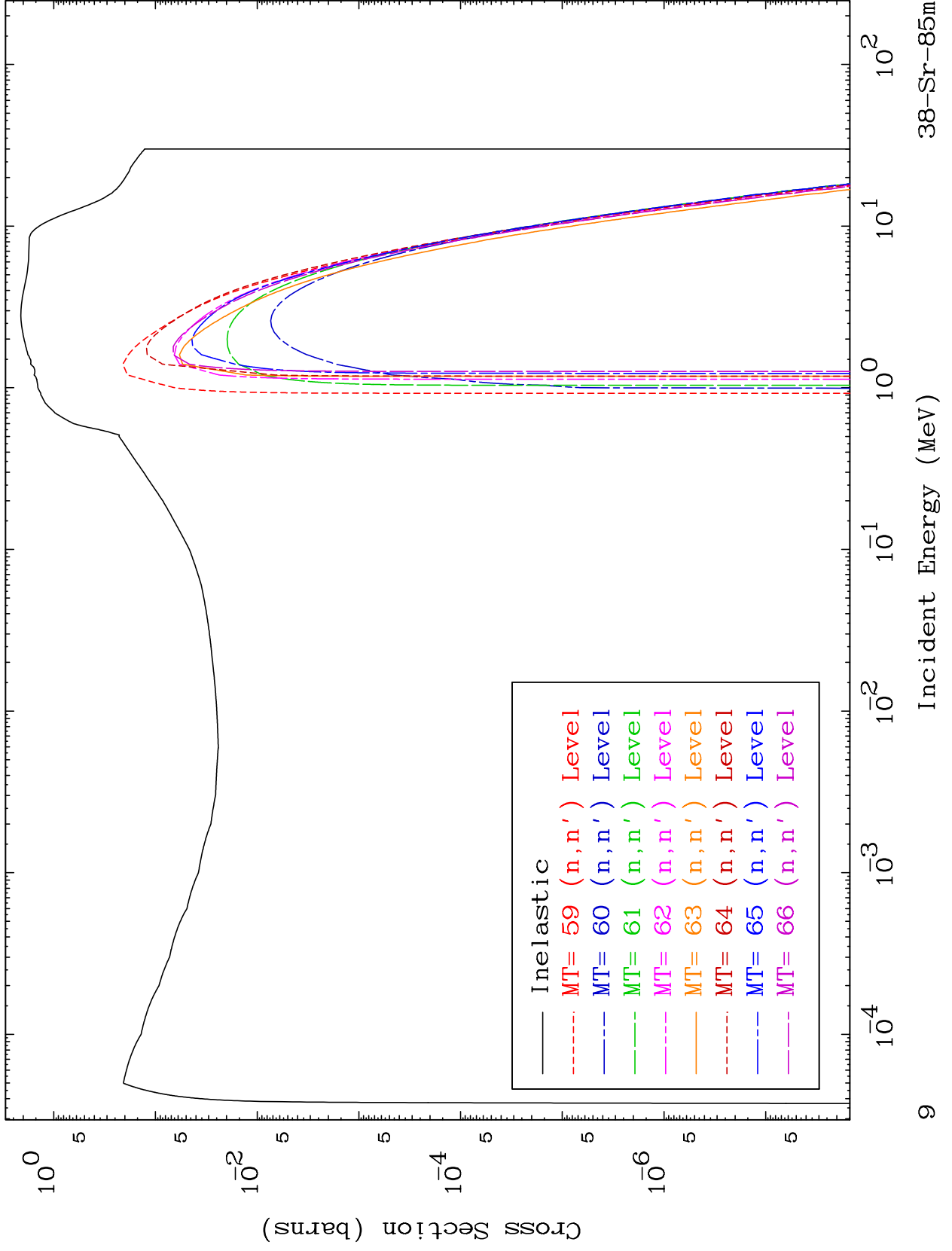
38-Sr-85m



MAT 3829

(n,n') Levels
293 Kelvin Cross Sections

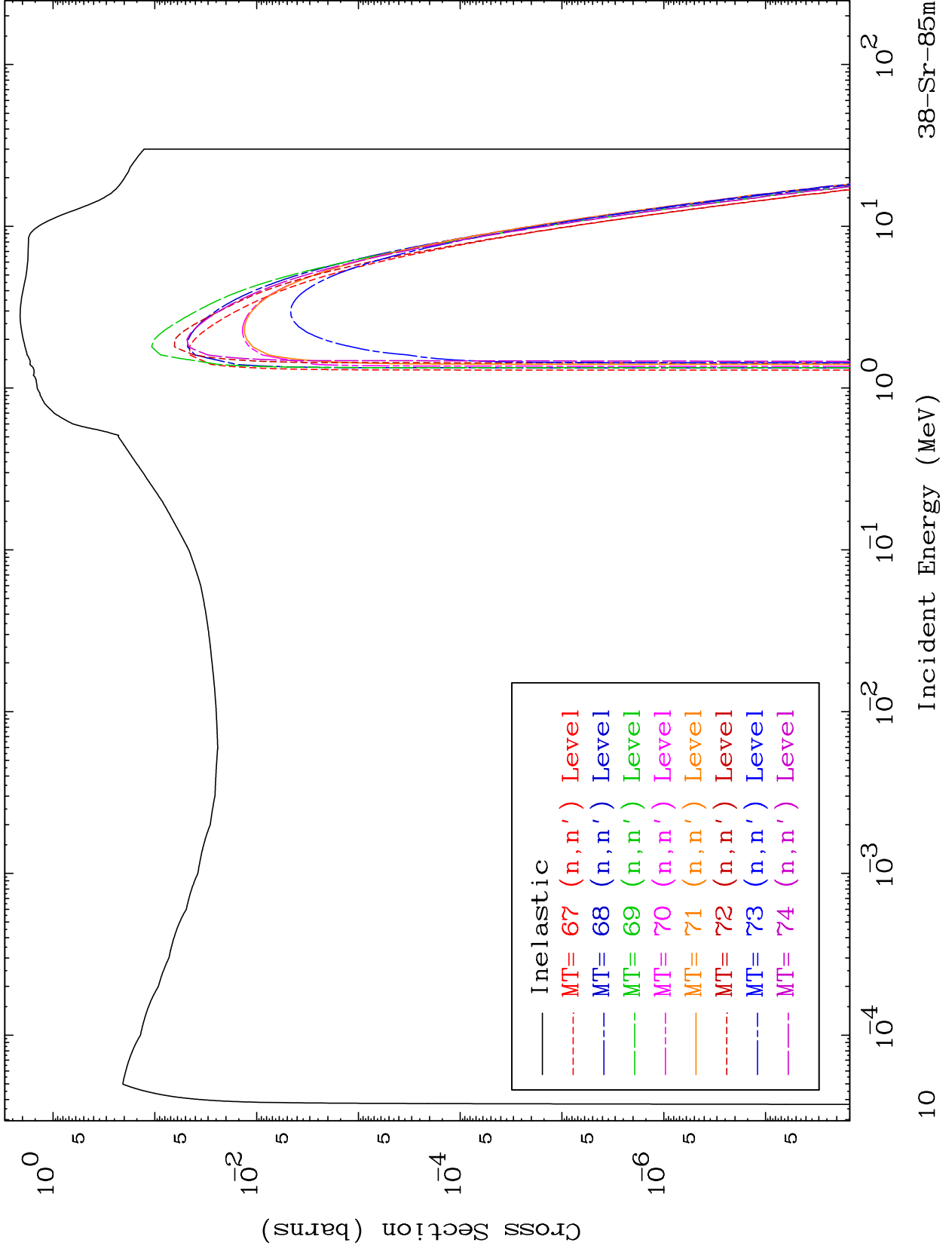
38-Sr-85m



MAT 3829

(n,n') Levels
293 Kelvin Cross Sections

38-Sr-85m



10

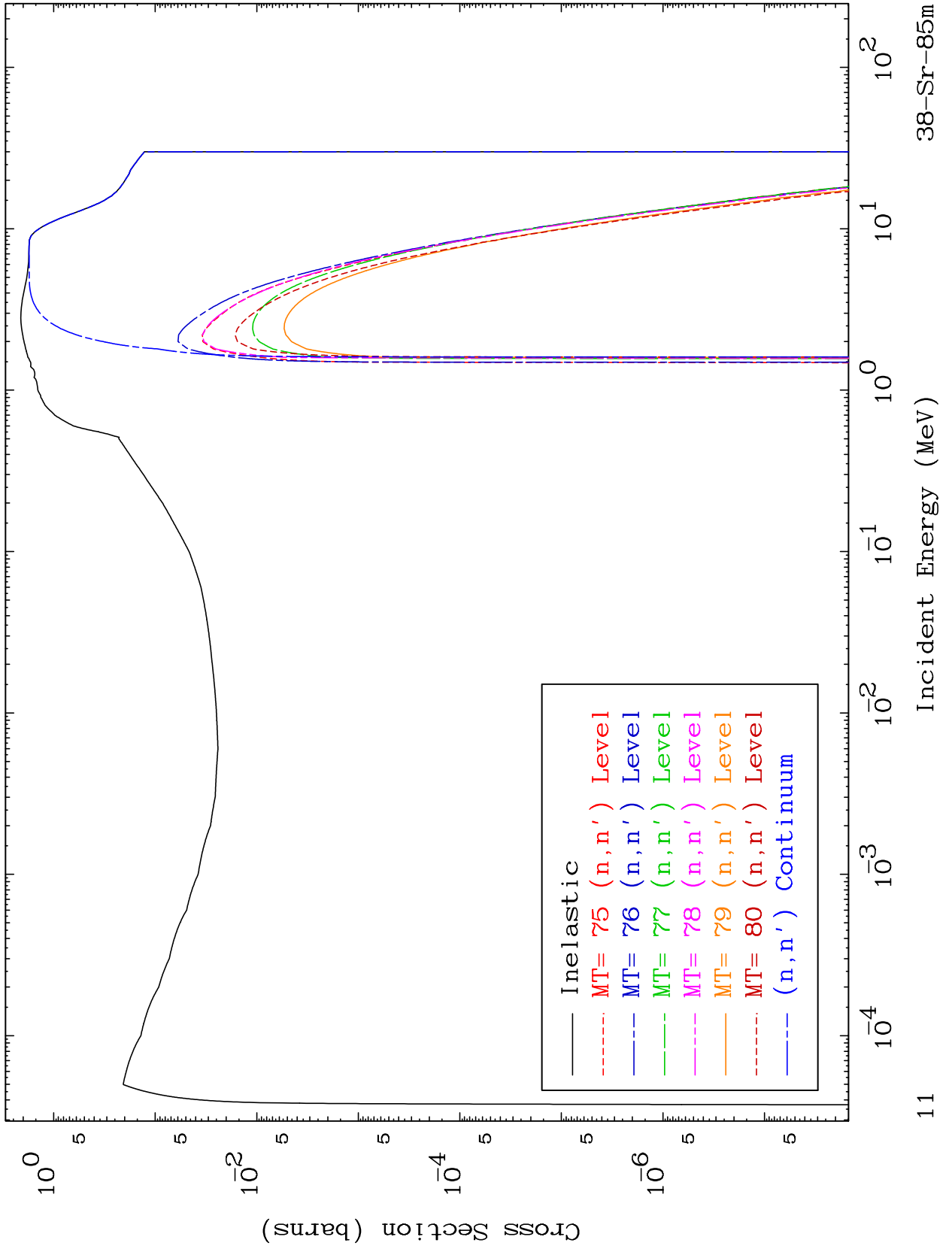
Incident Energy (MeV)

38-Sr-85m

MAT 3829

(n,n') Levels
293 Kelvin Cross Sections

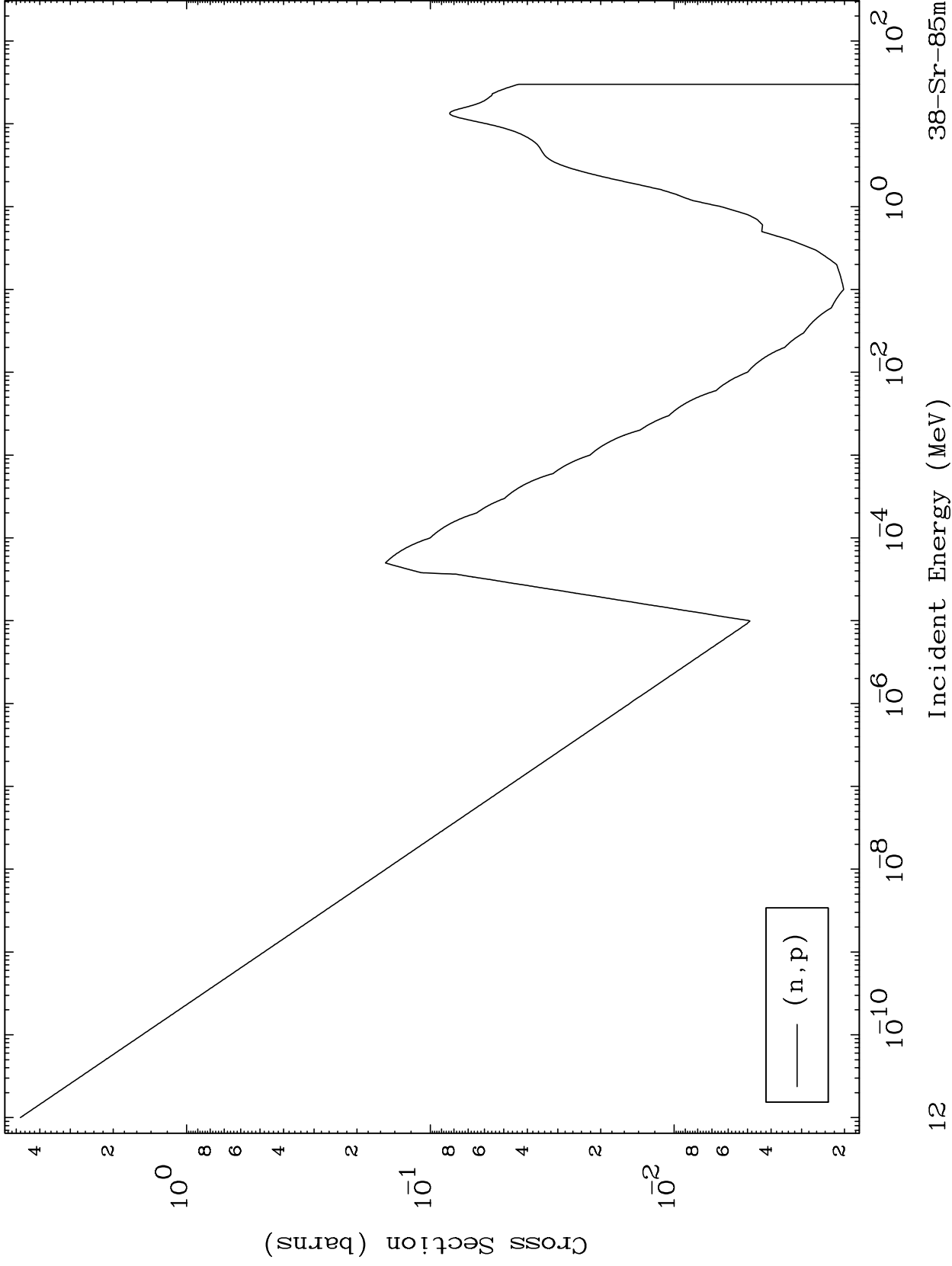
38-Sr-85m



MAT 3829

(n,p) Levels
293 Kelvin Cross Sections

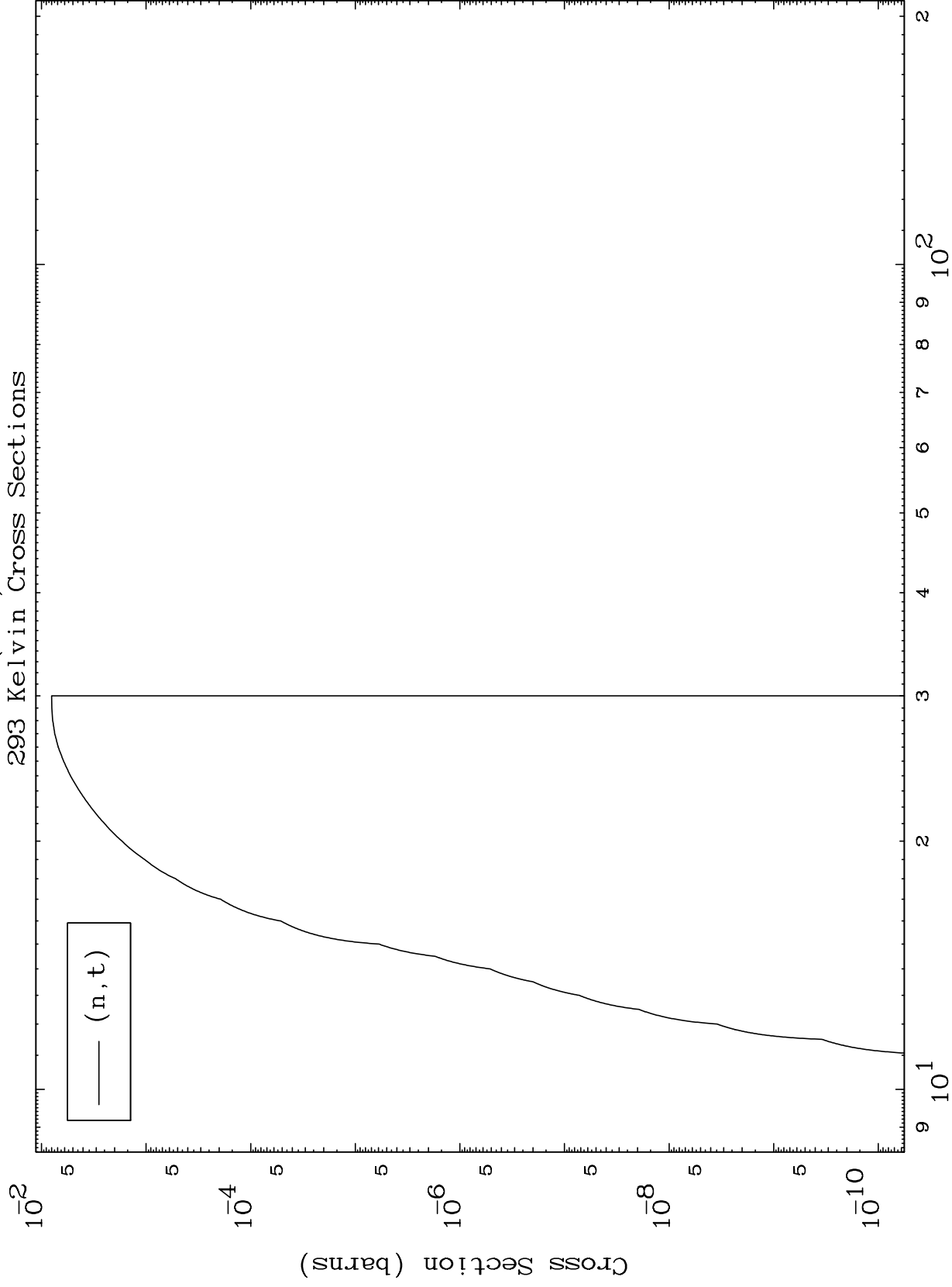
38-Sr-85m



MAT 3829

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-85m



14

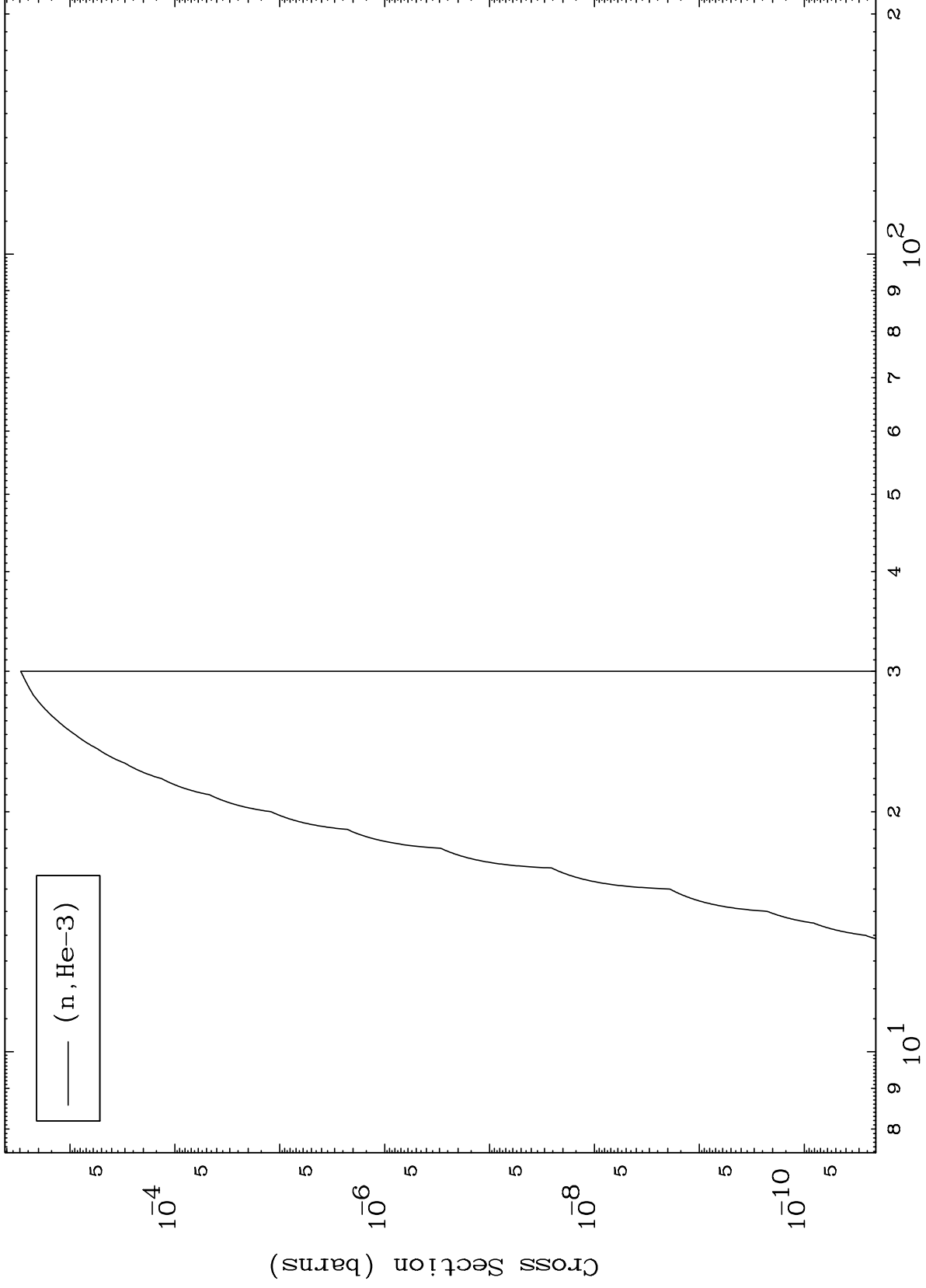
Incident Energy (MeV)

38-Sr-85m

MAT 3829

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-85m



15

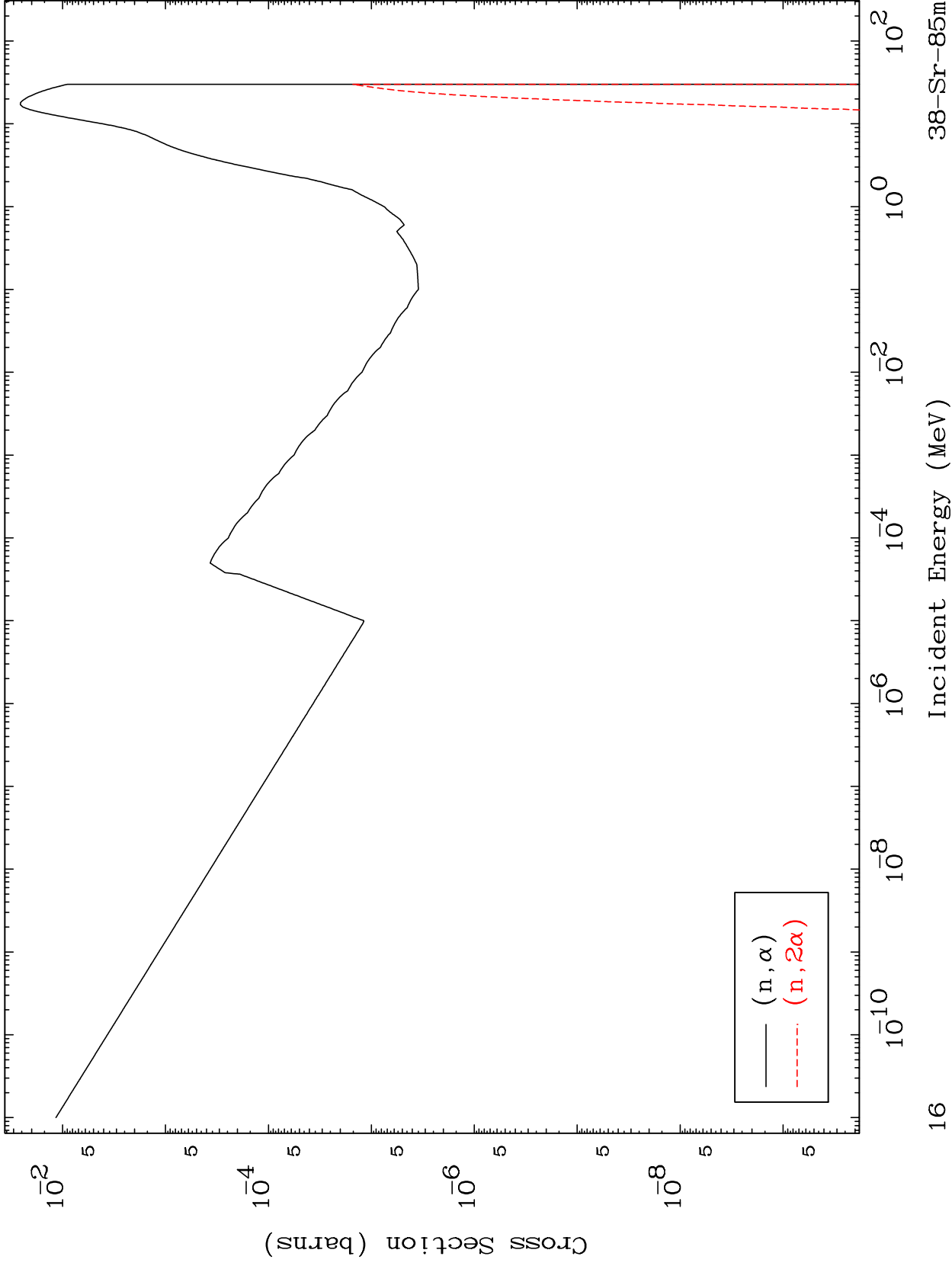
Incident Energy (MeV)

38-Sr-85m

MAT 3829

(n,α) Levels
293 Kelvin Cross Sections

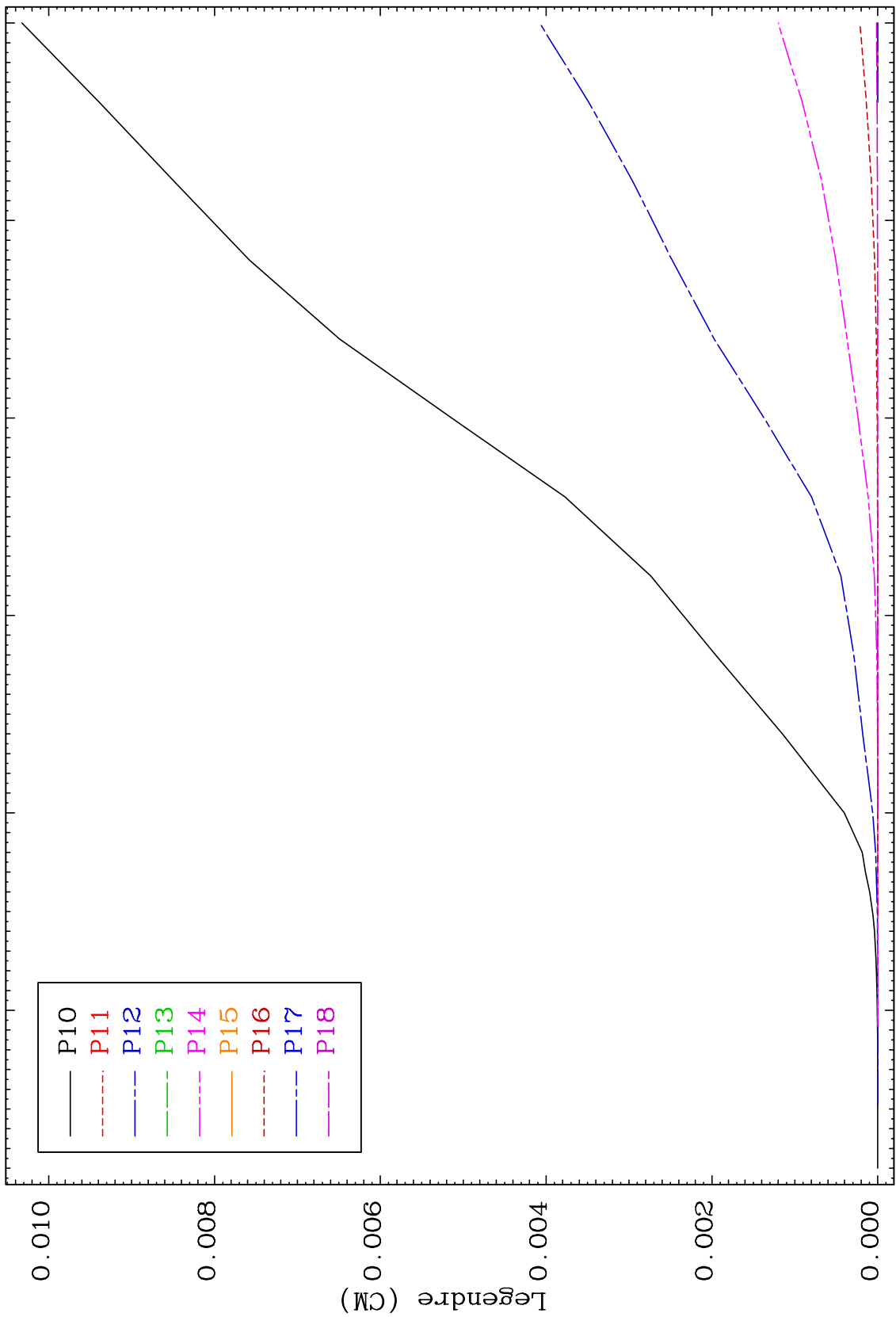
38-Sr-85m



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Elastic Legendre Coefficients

38-Sr-85m



18

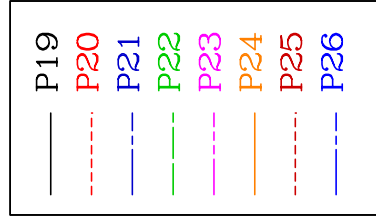
38-Sr-85m

Incident Energy (MeV)

MAT 3829

Elastic
Legendre Coefficients

38-Sr-85m



$\times 10^{-8}$

Legendre (CM)

6

4

2

0

15

20

25

30

19

Incident Energy (MeV)

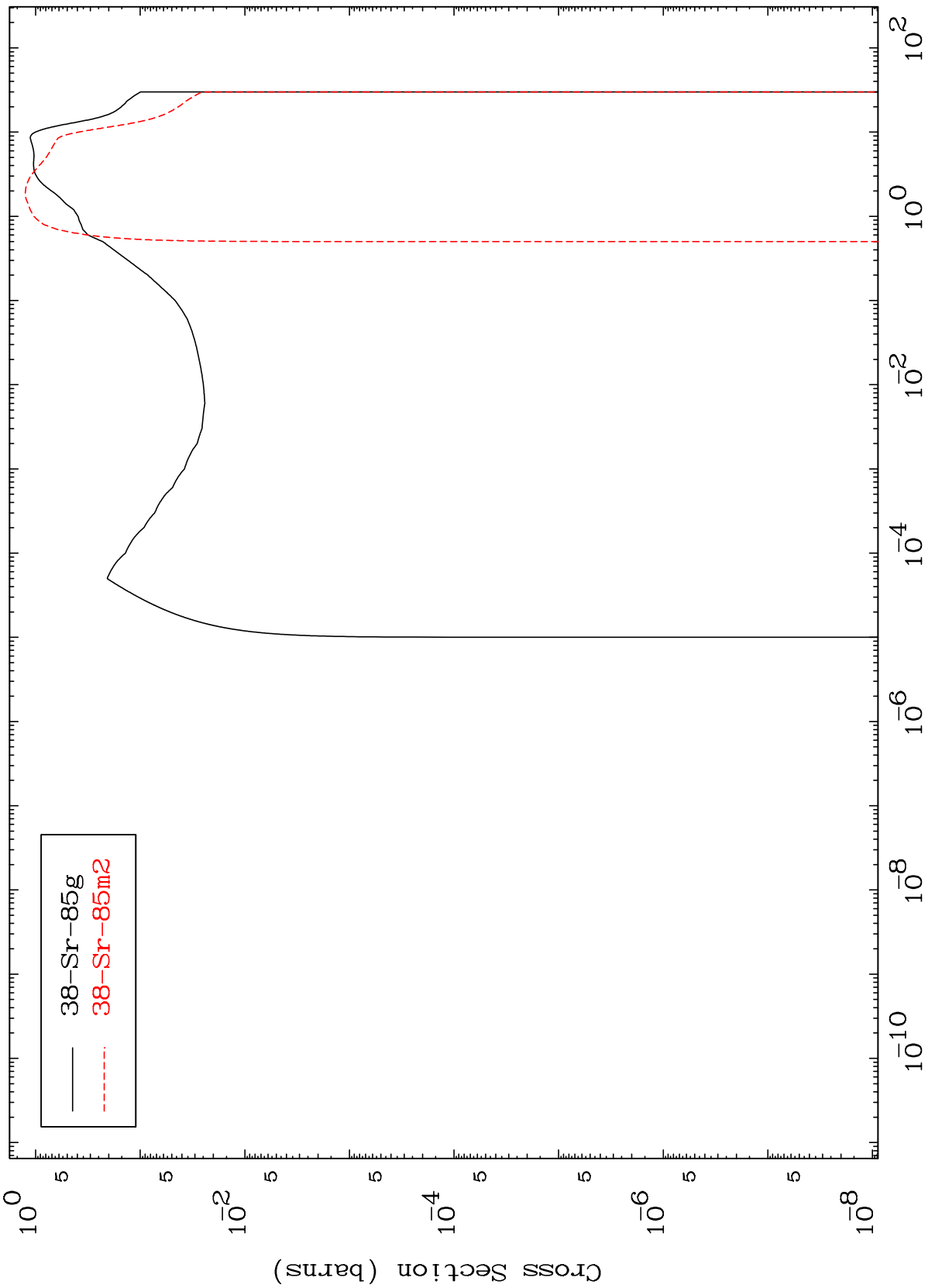
38-Sr-85m



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38-Sr-85m

Inelastic
Radionuclide Production Cross Section



38-Sr-85g
38-Sr-85m2

38-Sr-85m

Incident Energy (MeV)

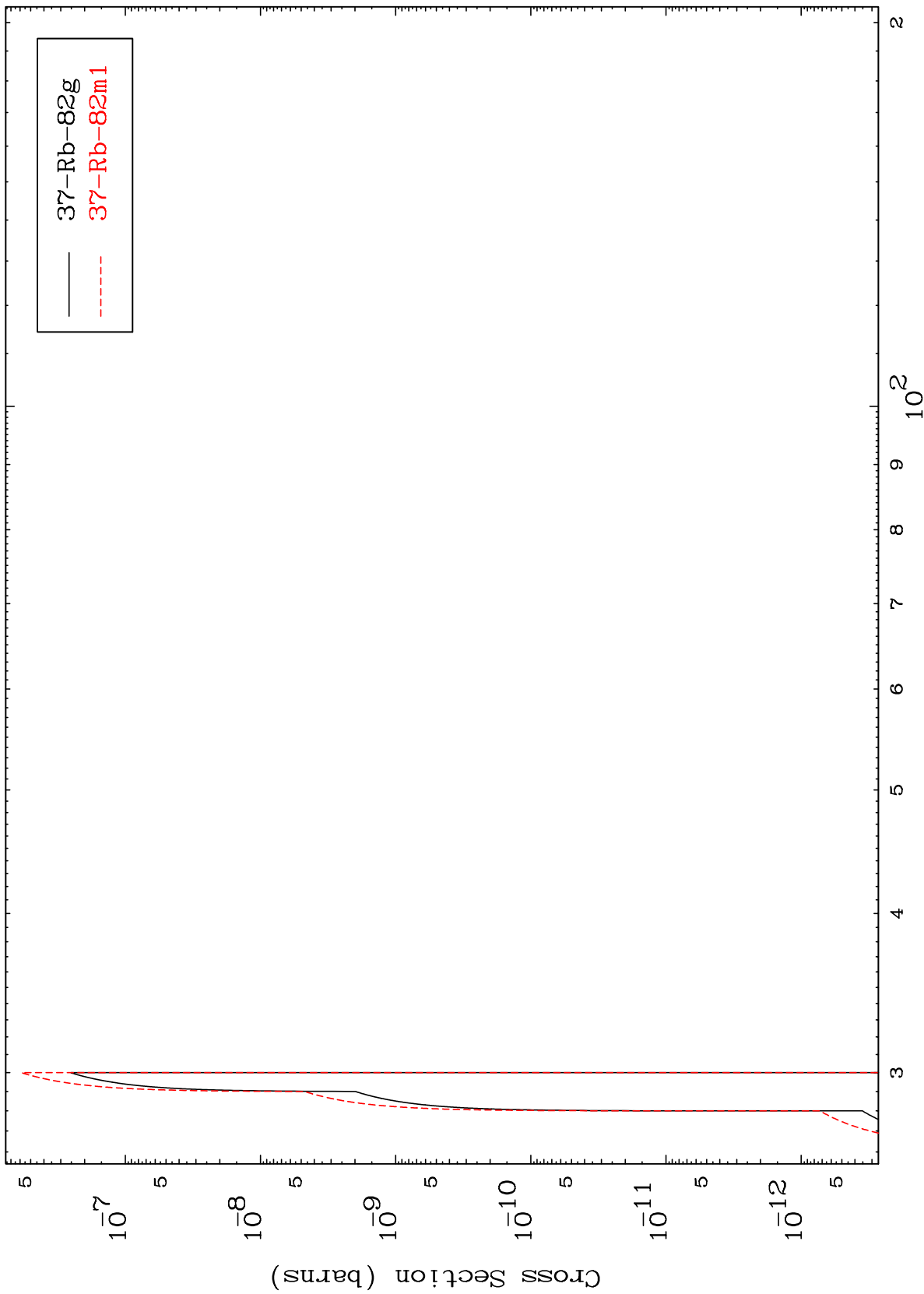
20

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(n,2n) d

38-Sr-85m

Radionuclide Production Cross Section



21

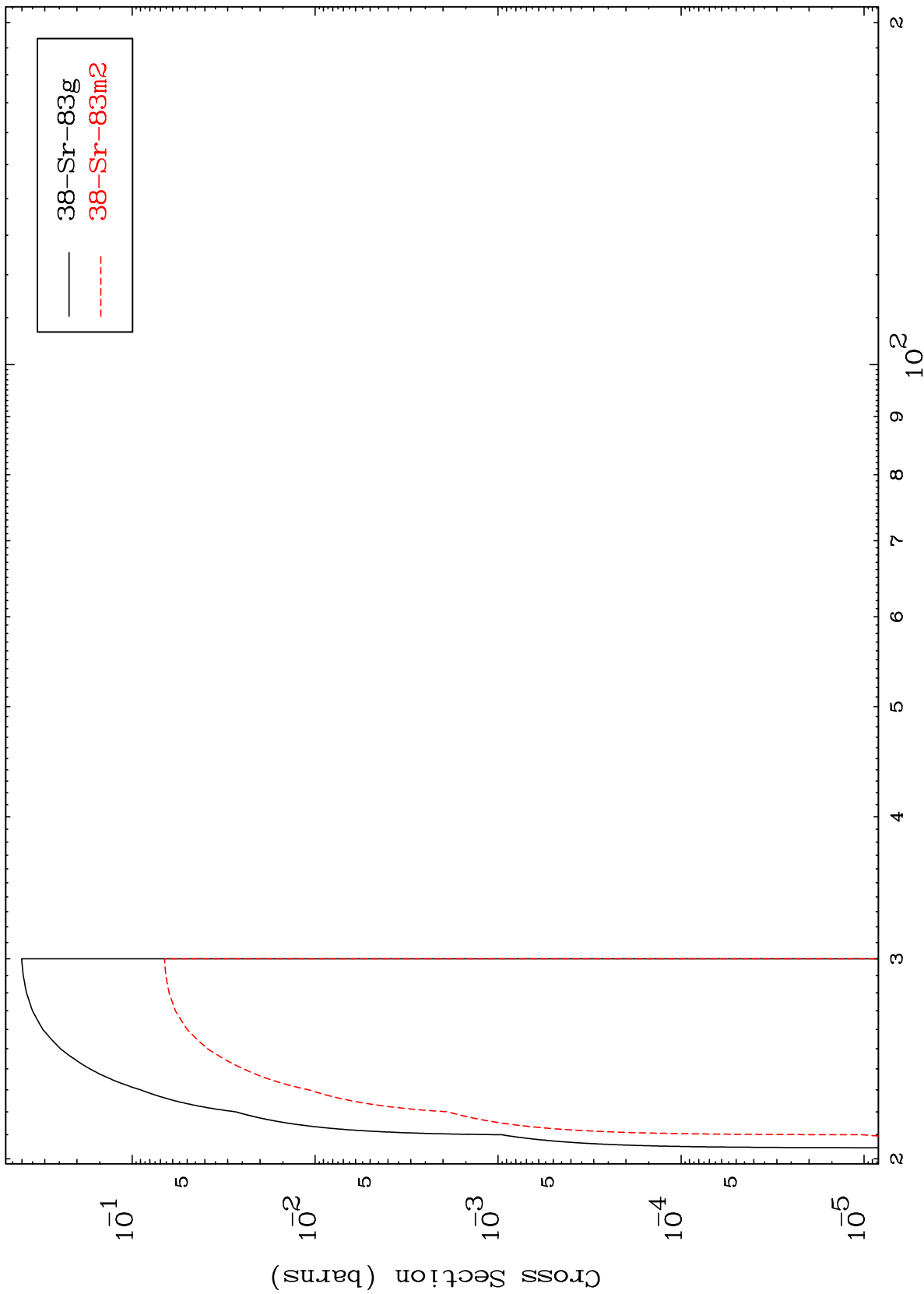
Incident Energy (MeV)

38-Sr-85m

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38-Sr-85m

(n,3n)
Radionuclide Production Cross Section



38-Sr-85m

Incident Energy (MeV)

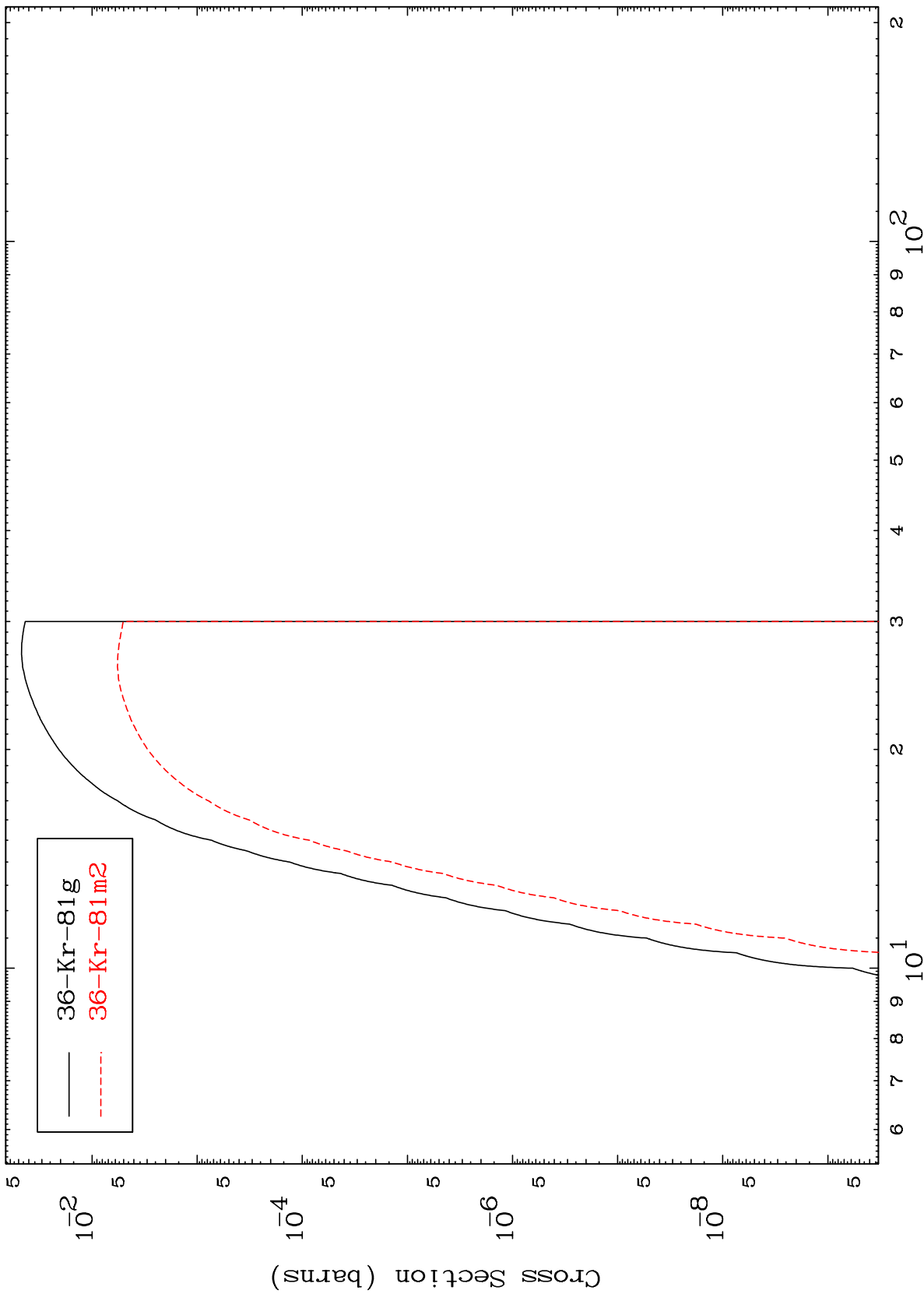
22

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$(n, n') \alpha$

38-Sr-85m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

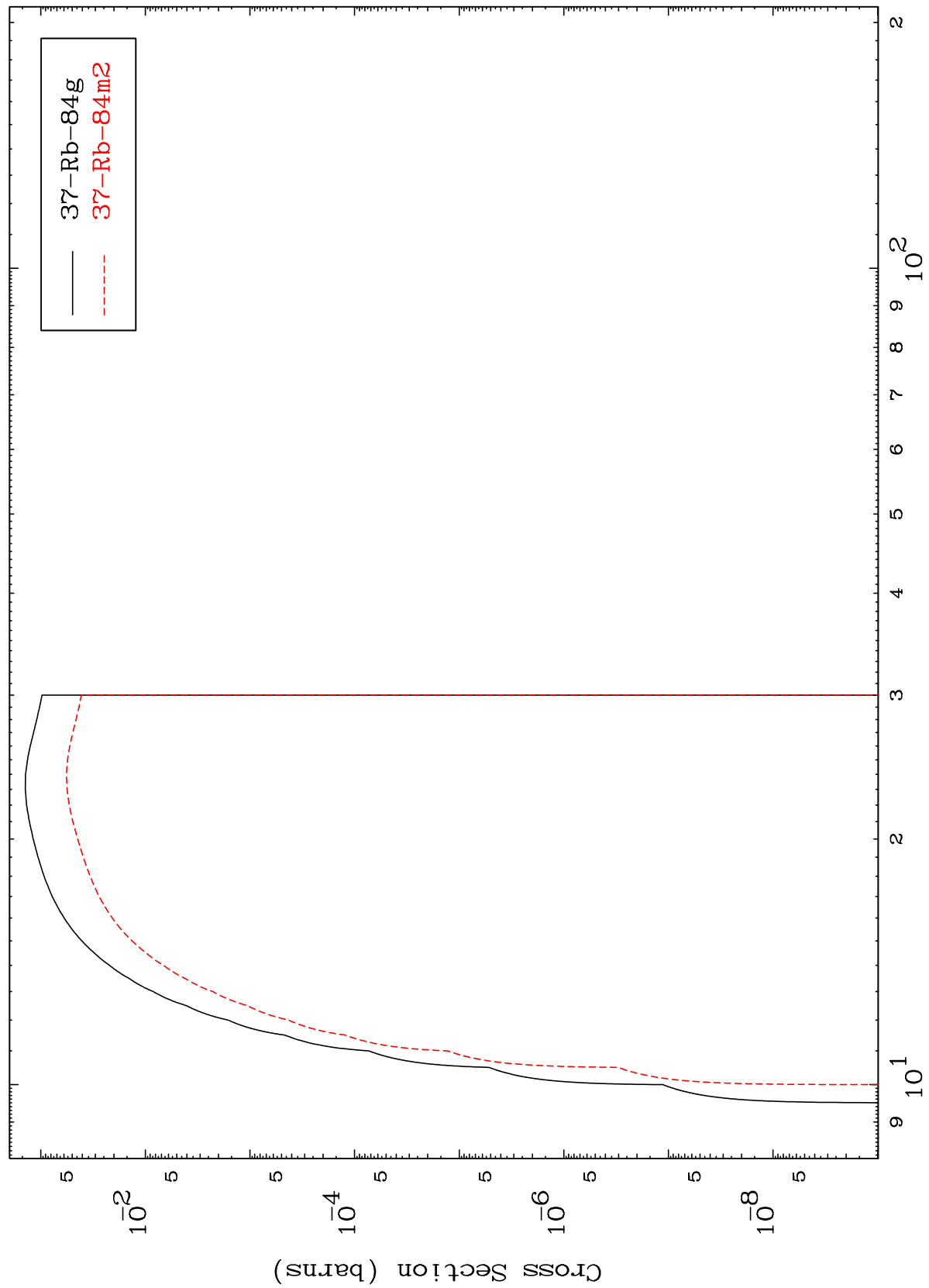
38-Sr-85m

MAT 3829

(n,n') p

38-Sr-85m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

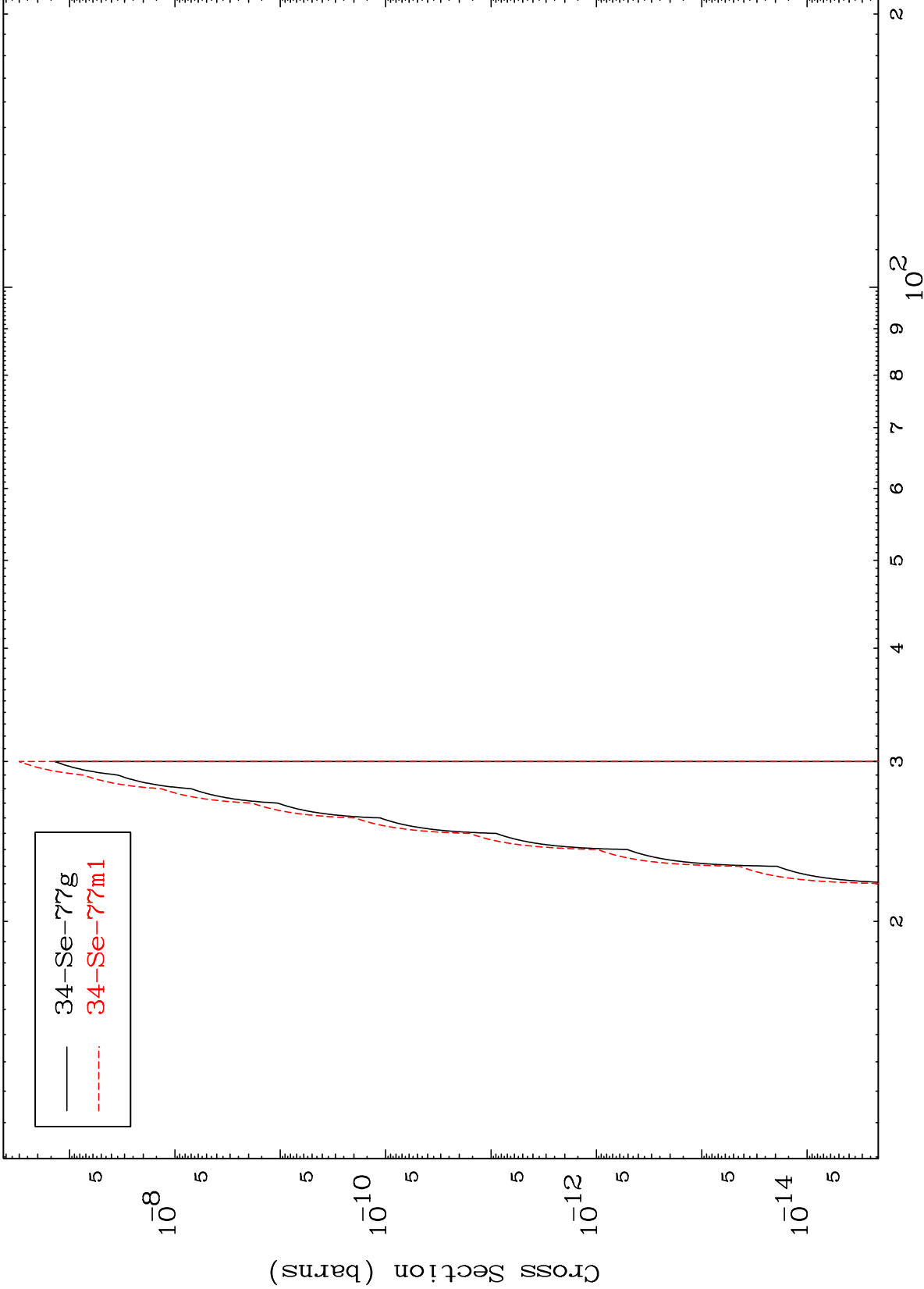
38-Sr-85m

MAT 3829

(n,n') 2α

38-Sr-85m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

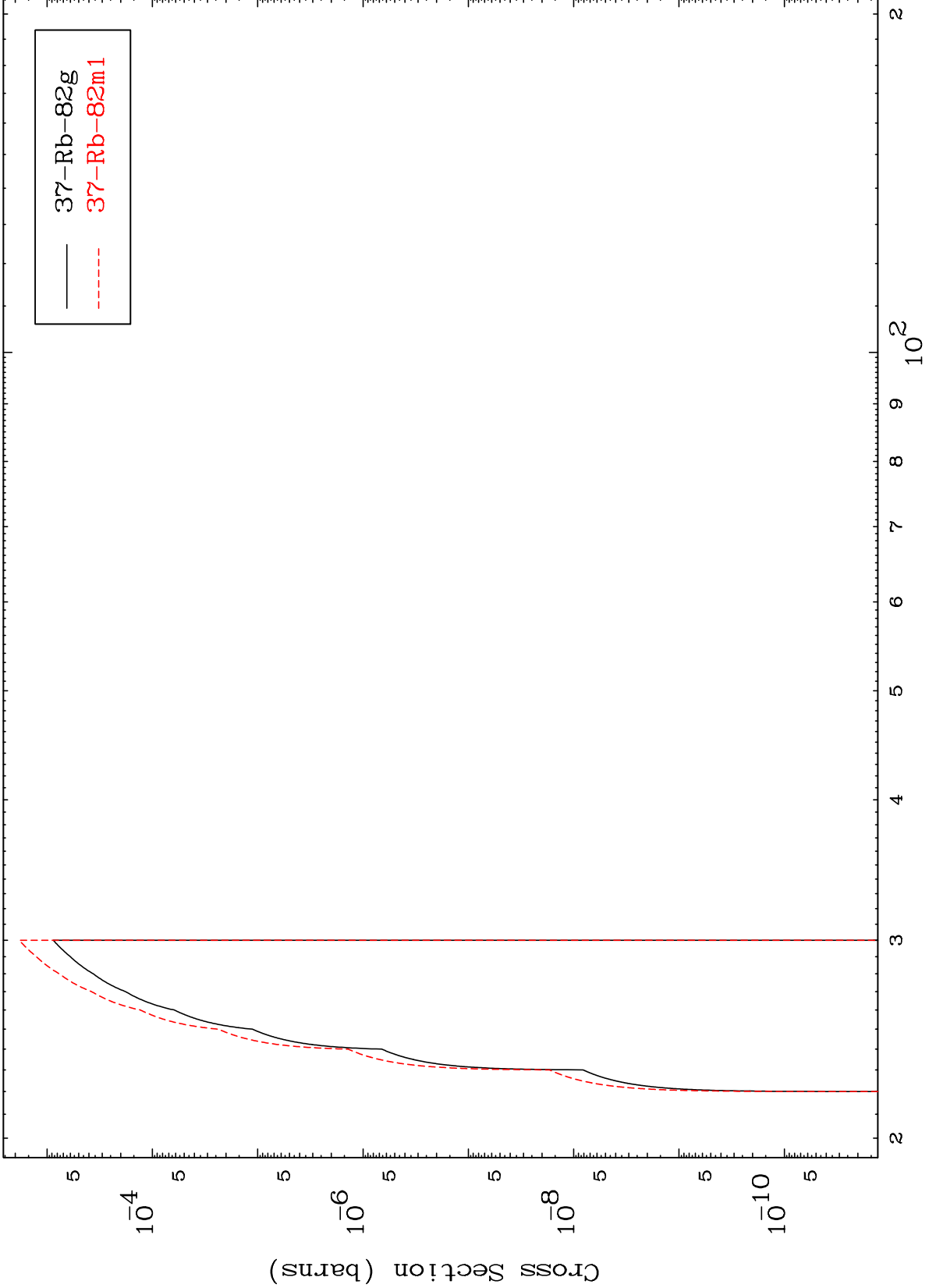
38-Sr-85m

MAT 3829

(n,n') t

38-Sr-85m

Radionuclide Production Cross Section

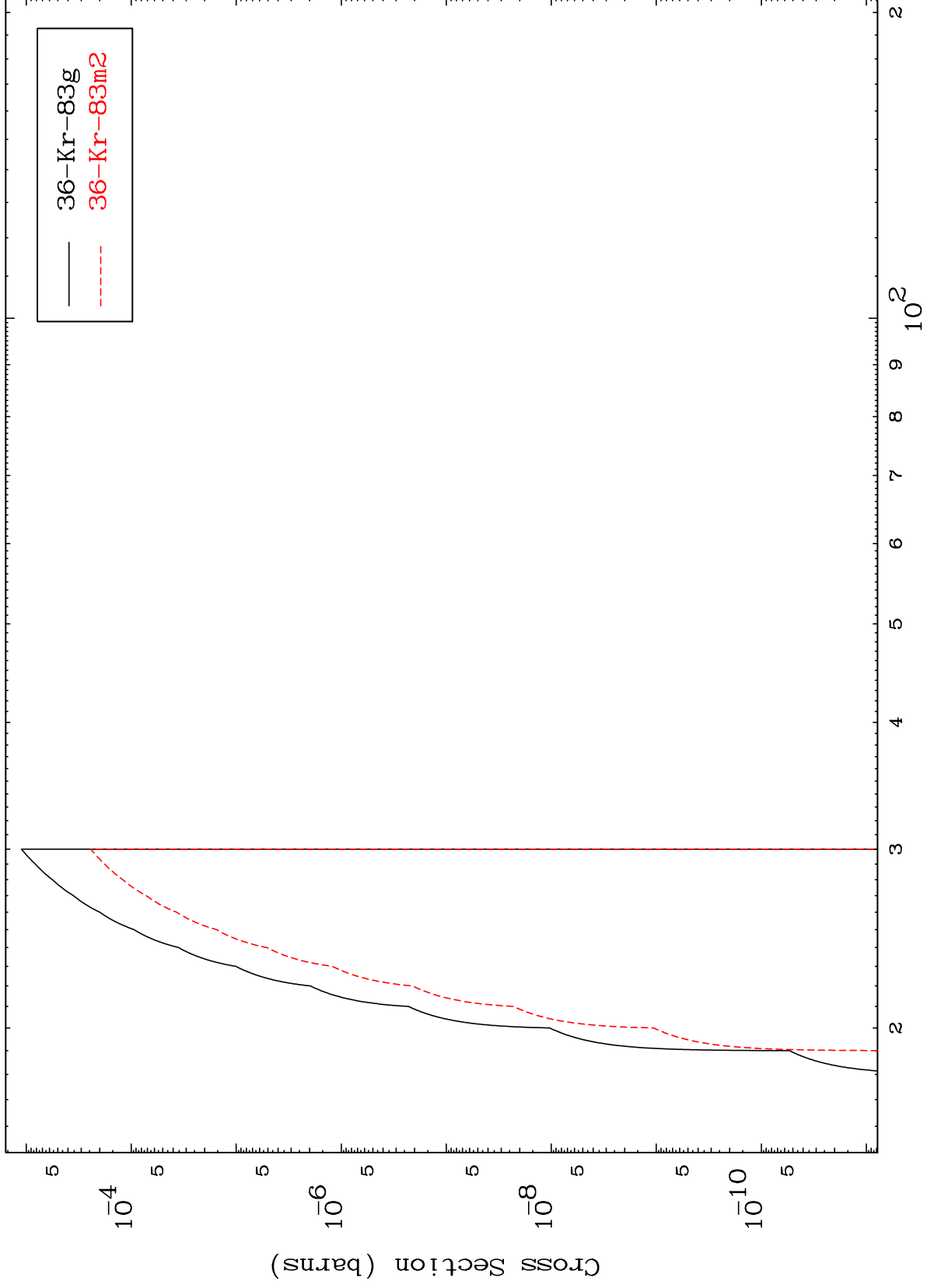


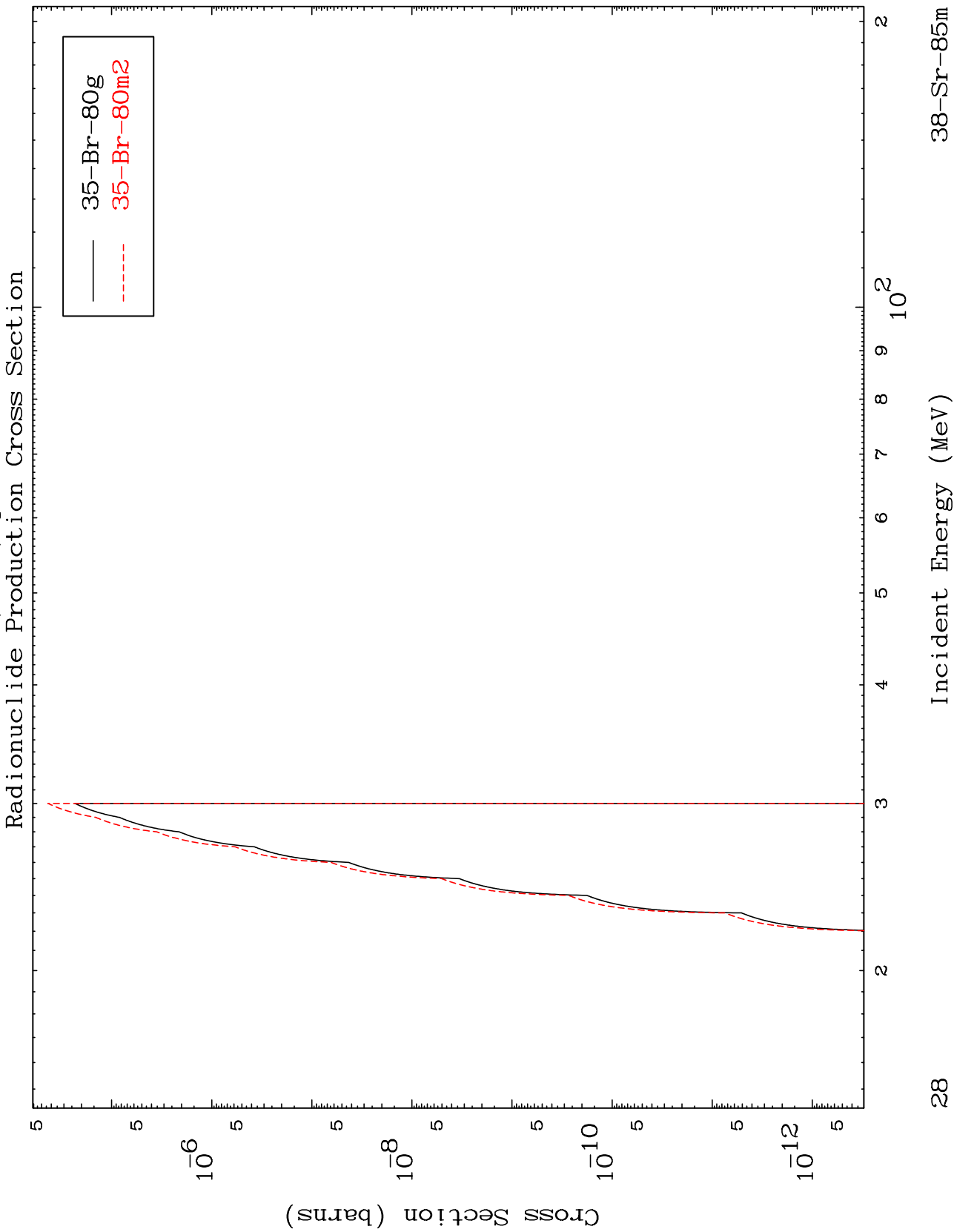
26

Incident Energy (MeV)

38-Sr-85m

Radionuclide Production Cross Section



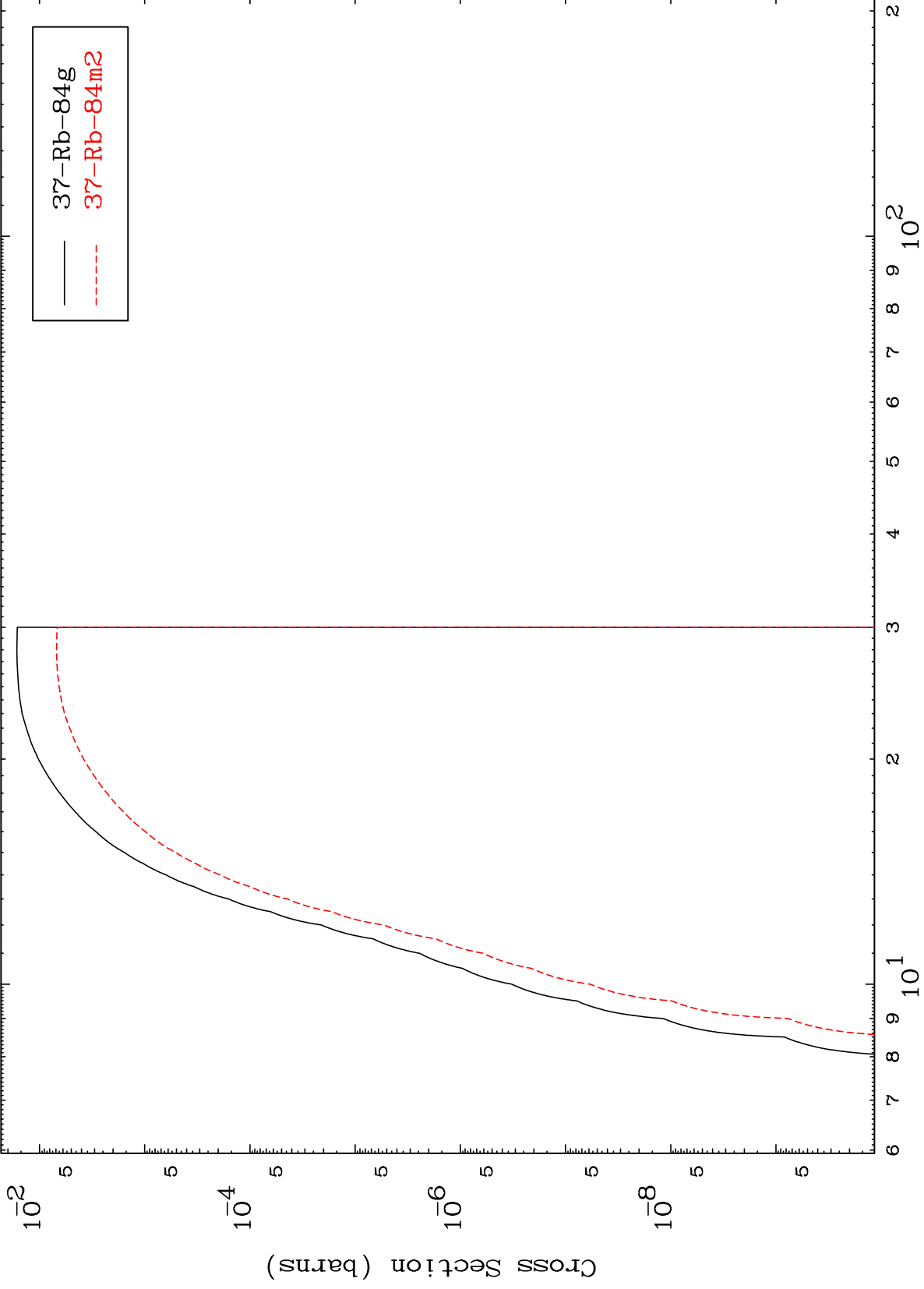


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(n,d)

38-Sr-85m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

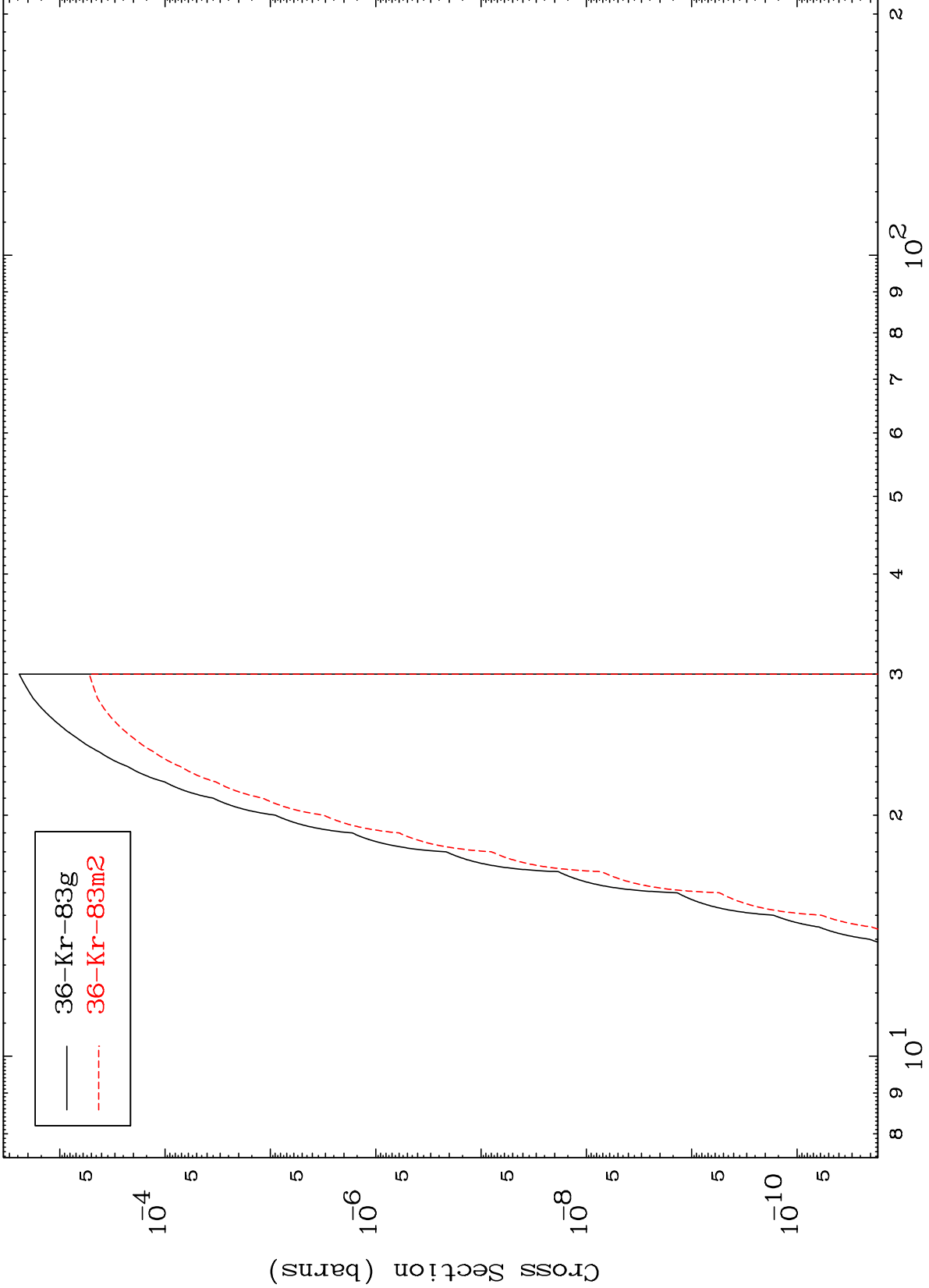
38-Sr-85m

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(n,He-3)

38-Sr-85m

Radionuclide Production Cross Section



36-Kr-83g
36-Kr-83m2

30

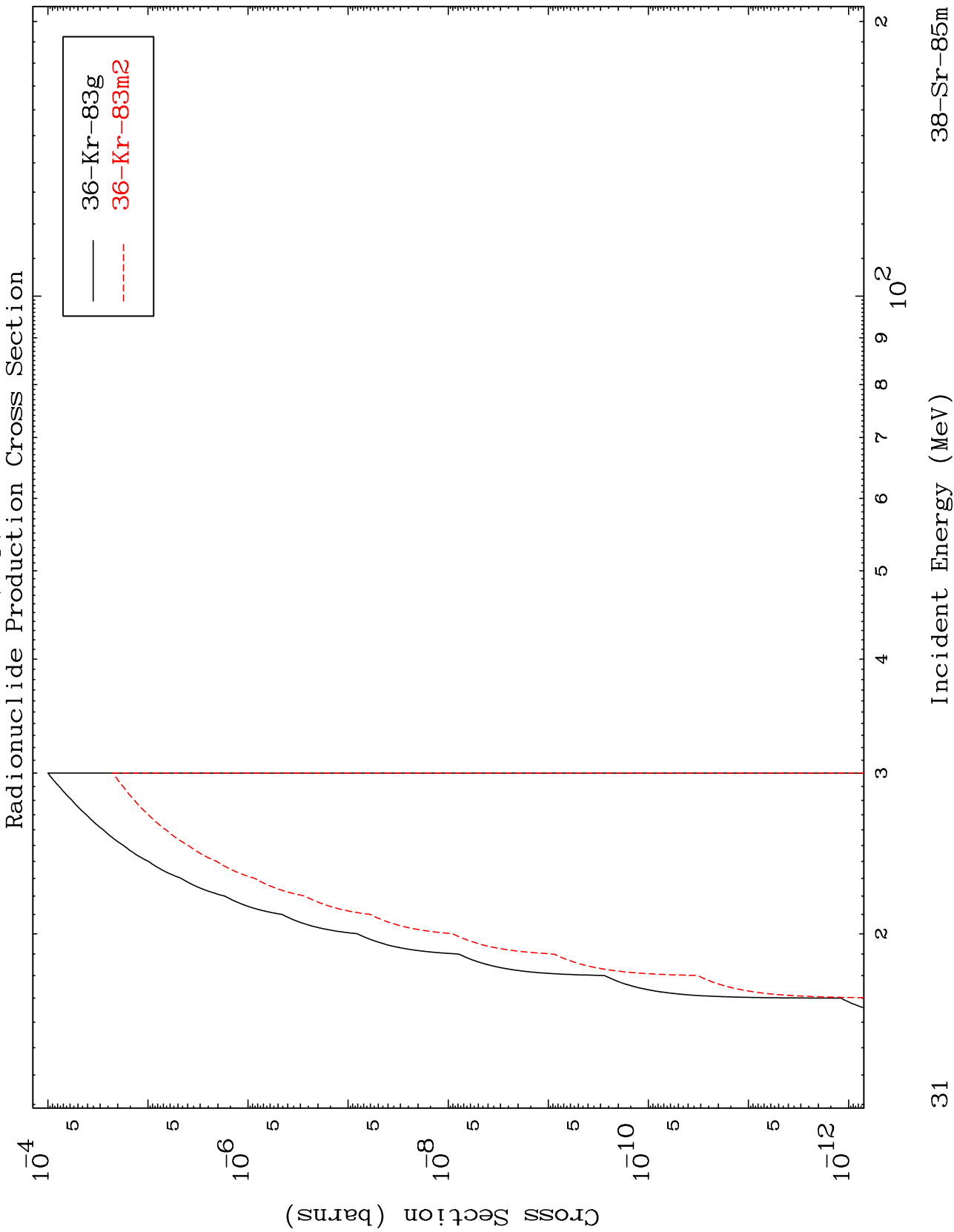
Incident Energy (MeV)

38-Sr-85m

MAT 3829

(n,p) d

38-Sr-85m



31

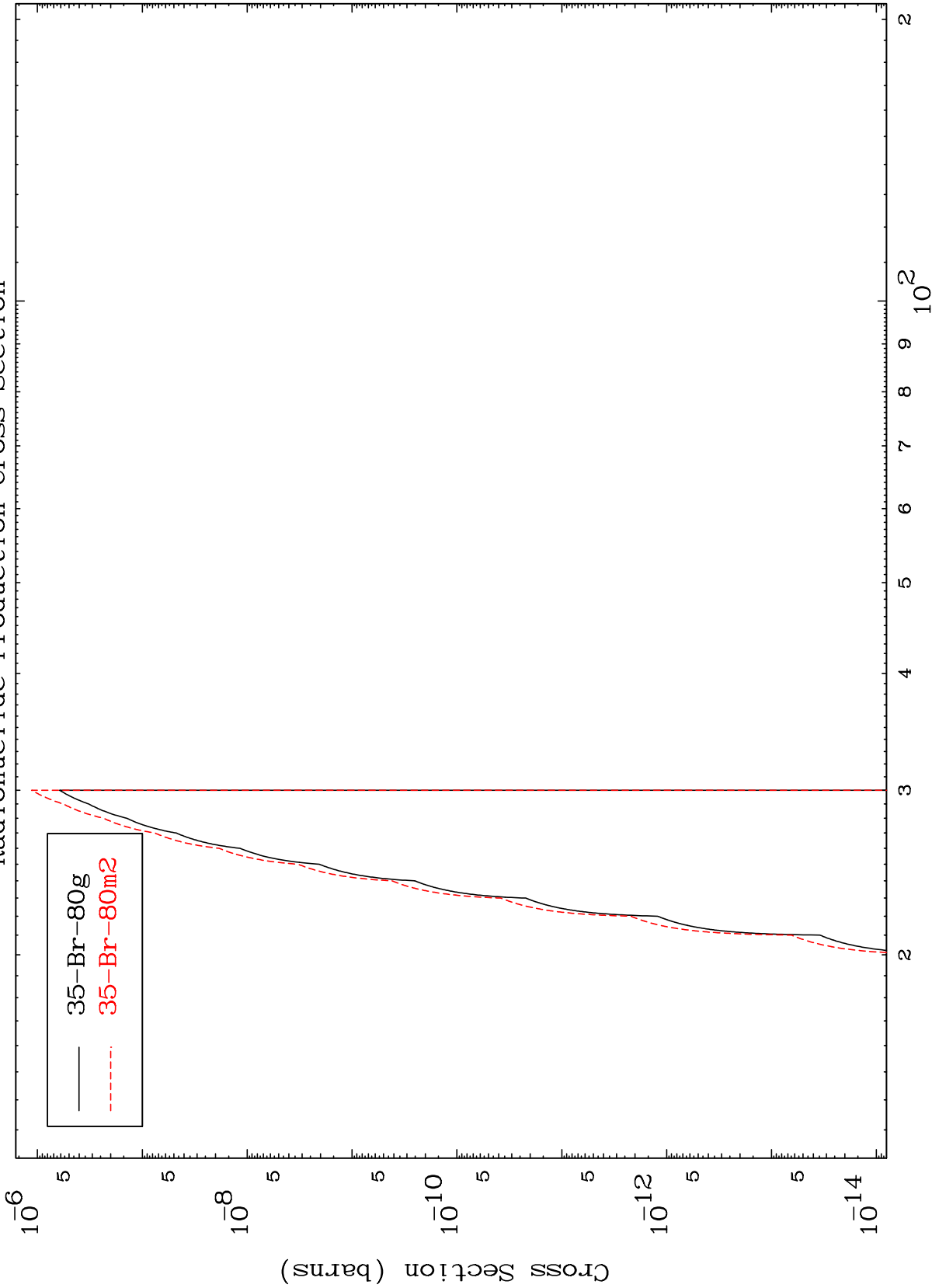
38-Sr-85m

MAT 3829

(n,d) α

38-Sr-85m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

38-Sr-85m