

Program EVALPLOT
(Version 2018-1)

by

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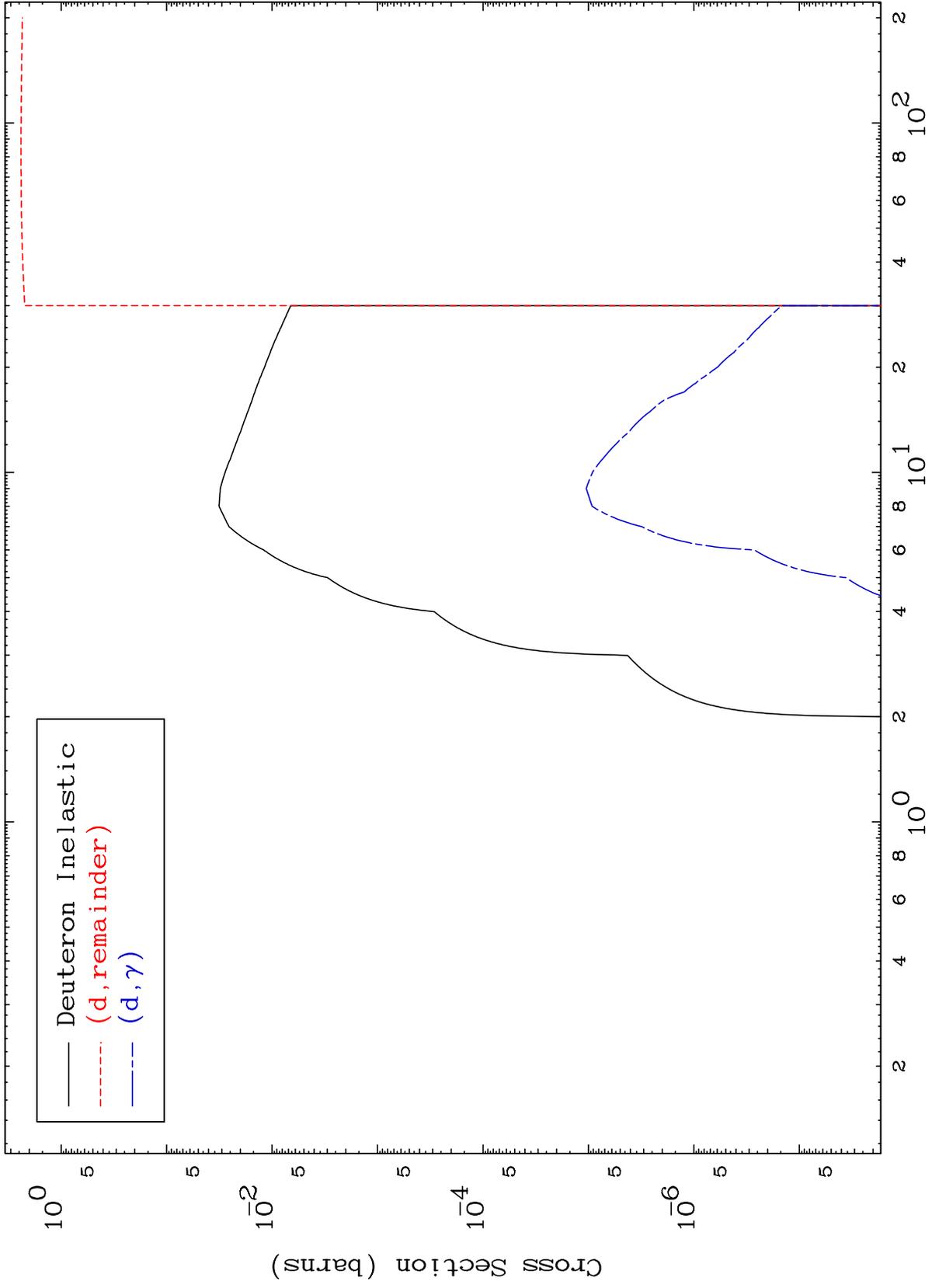
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5058

Deuteron Major
0 Kelvin Cross Sections

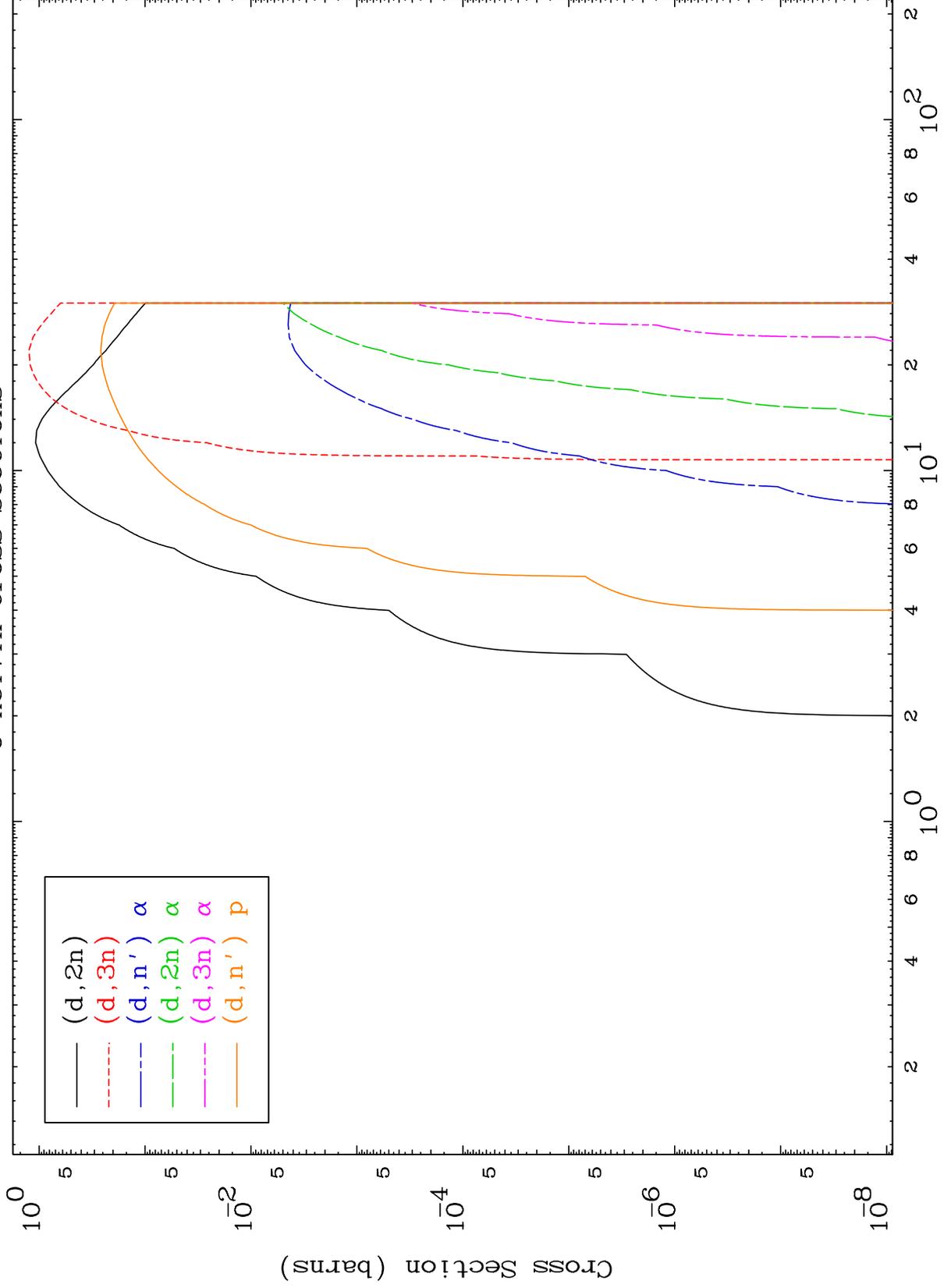
50-Sn-123

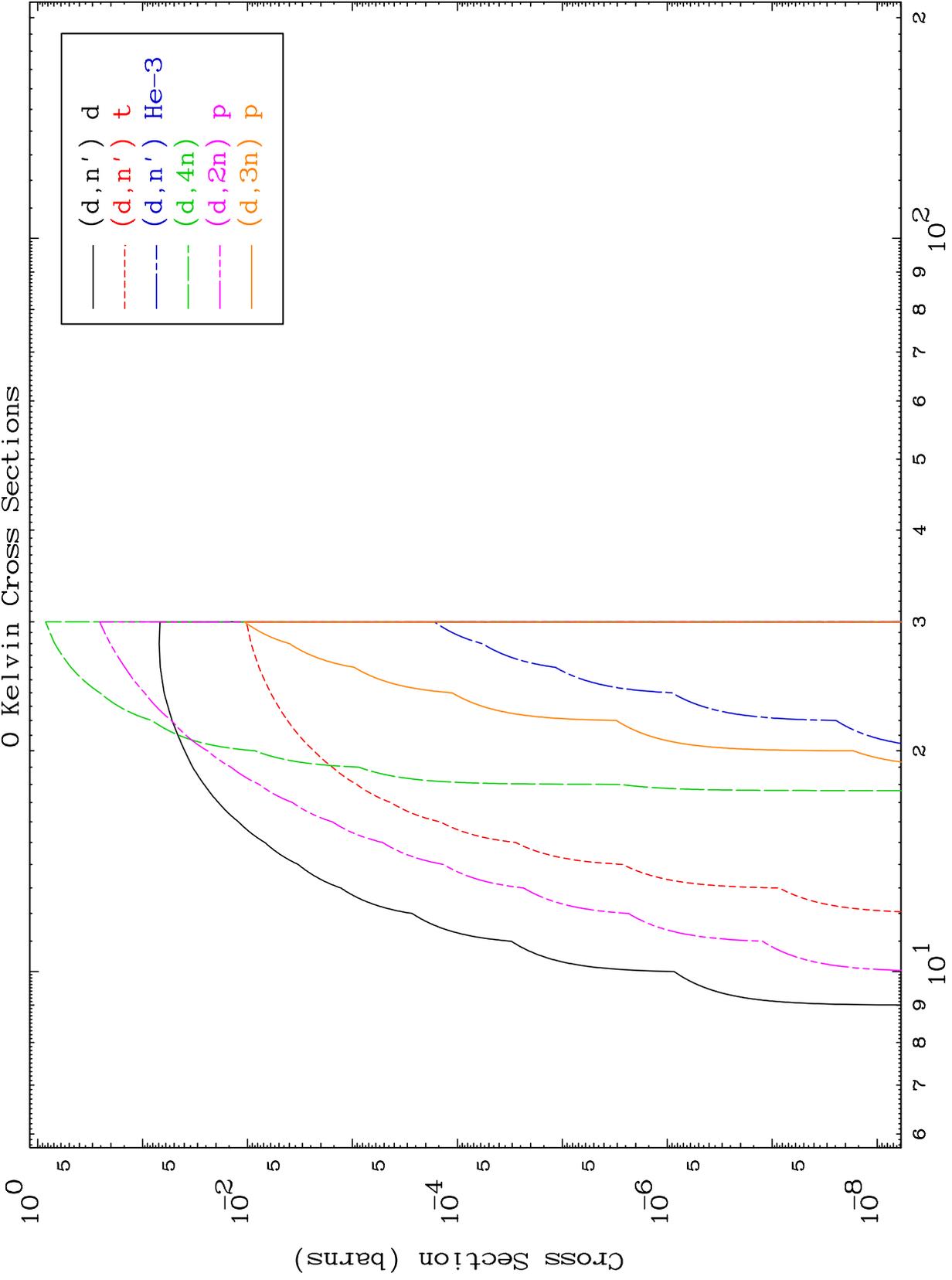


MAT 5058

Deuteron Neutron Production
0 Kelvin Cross Sections

50-Sn-123

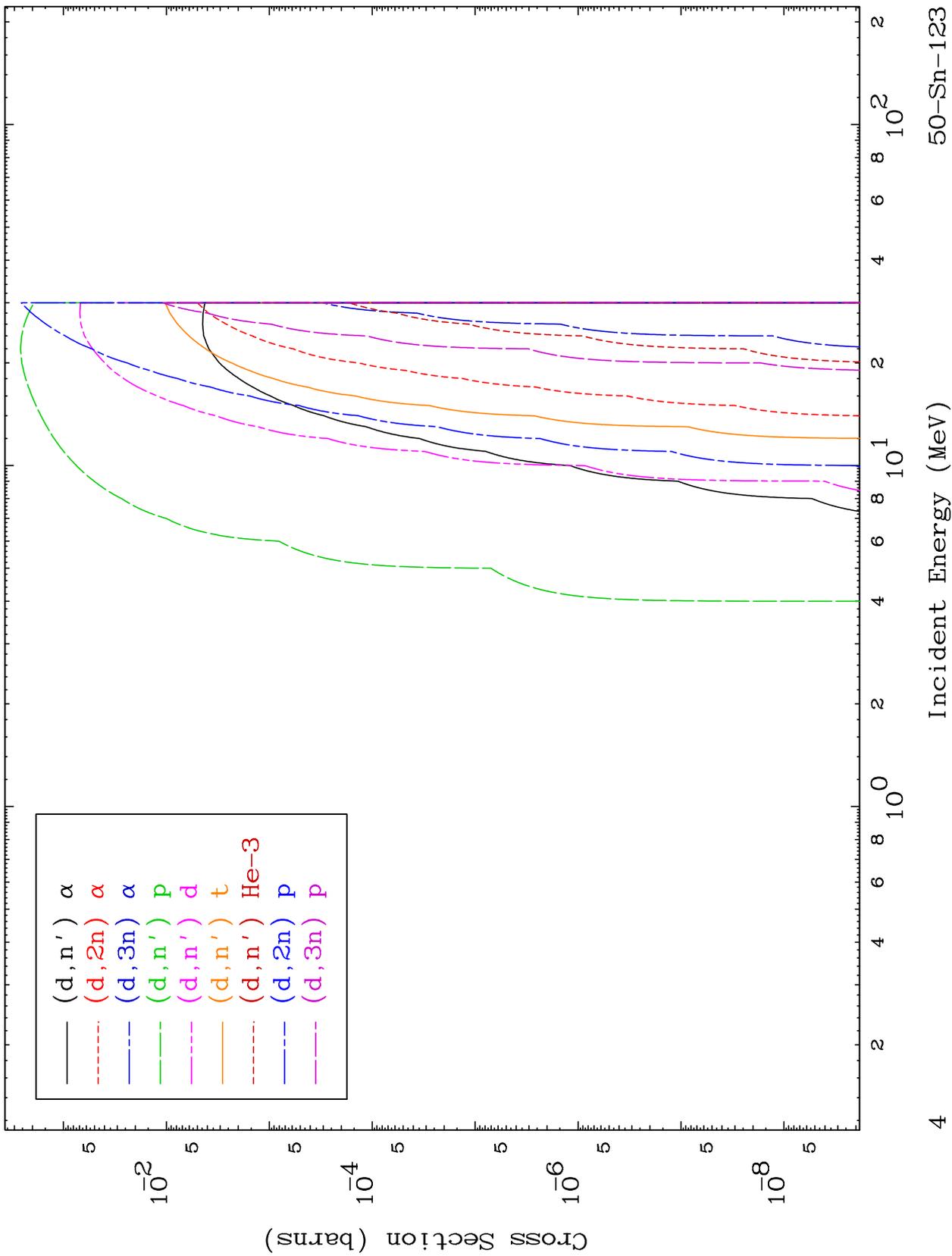


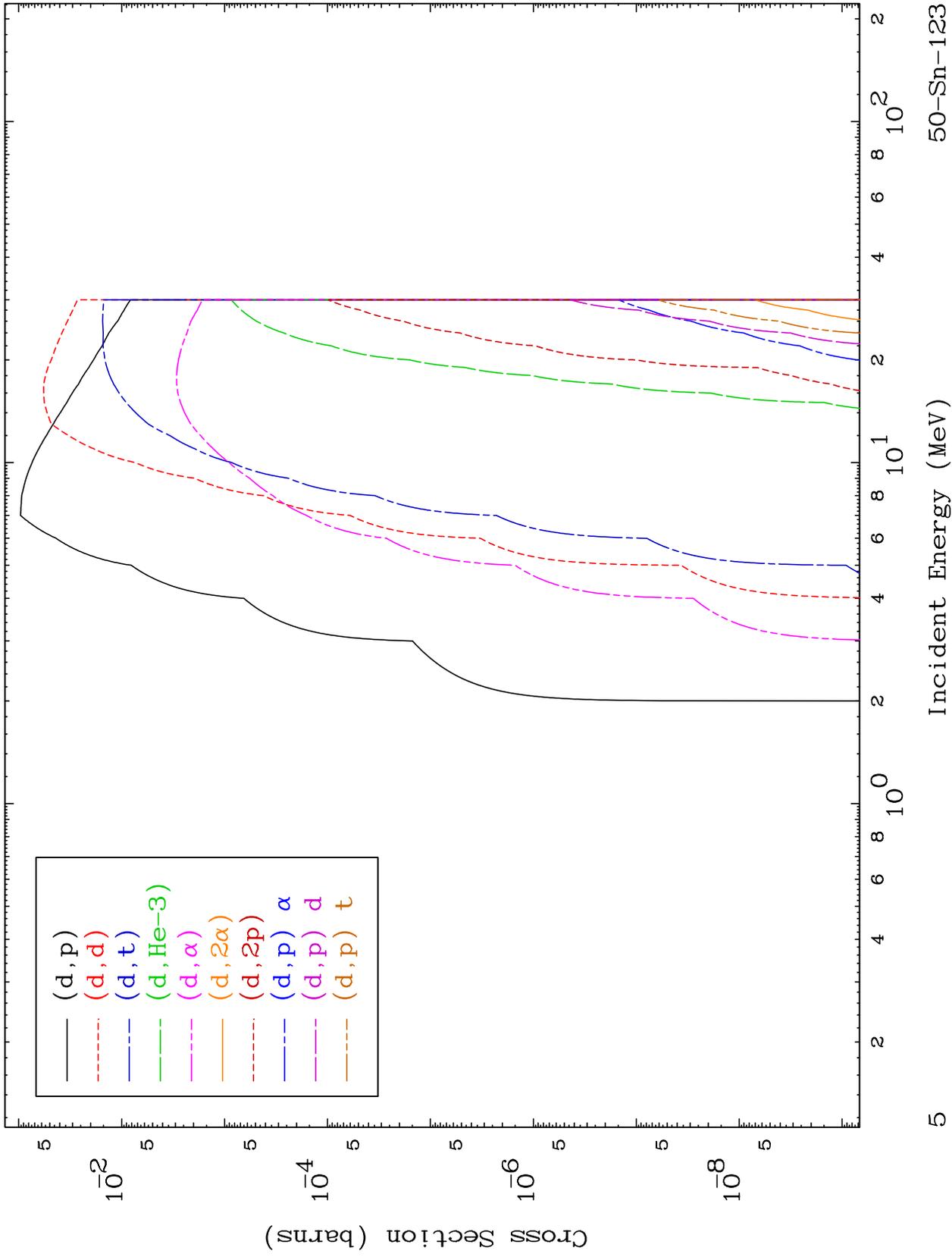


MAT 5058

Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-123



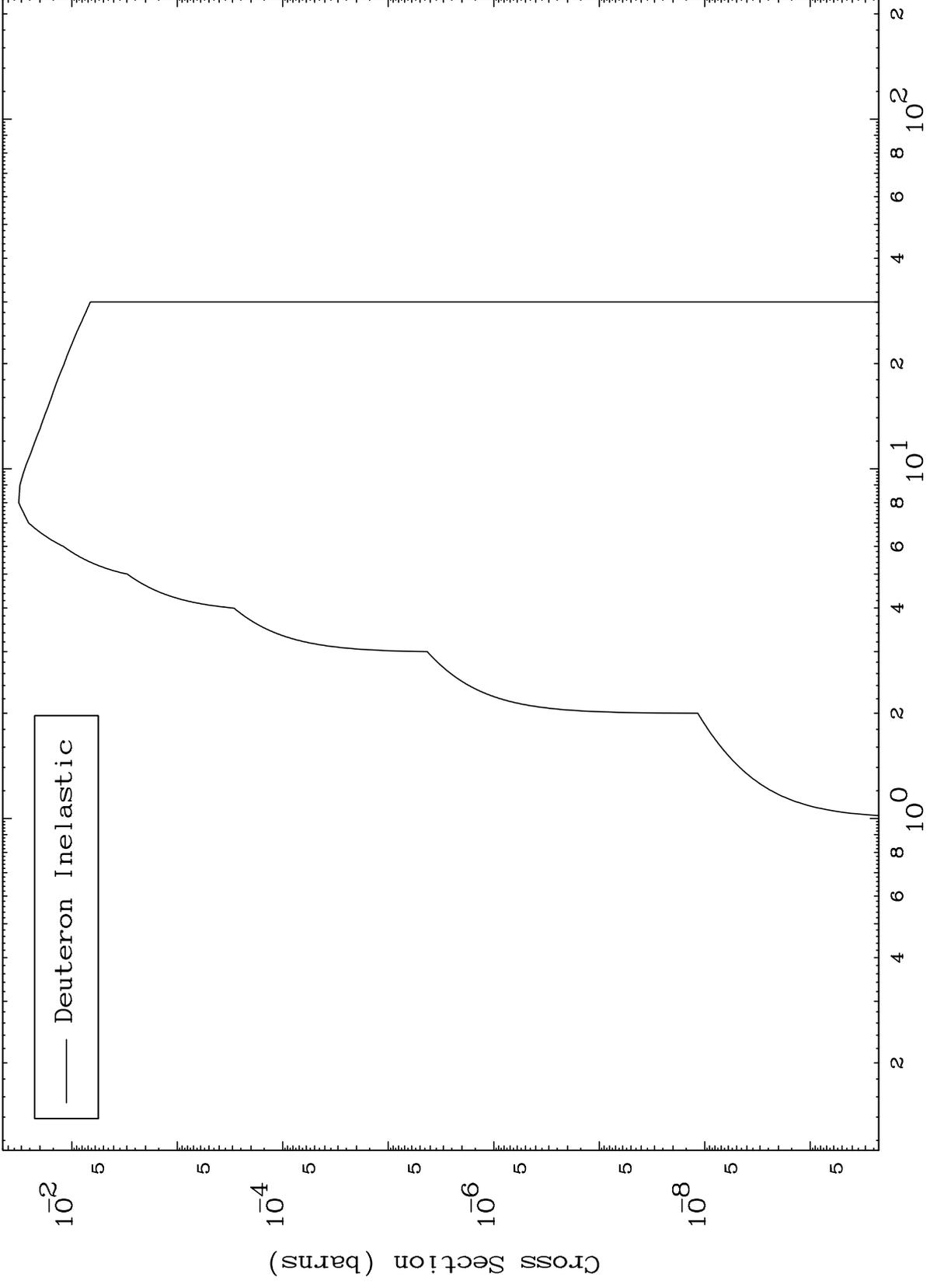


MAT 5058

(d,n') Level

50-Sn-123

0 Kelvin Cross Sections

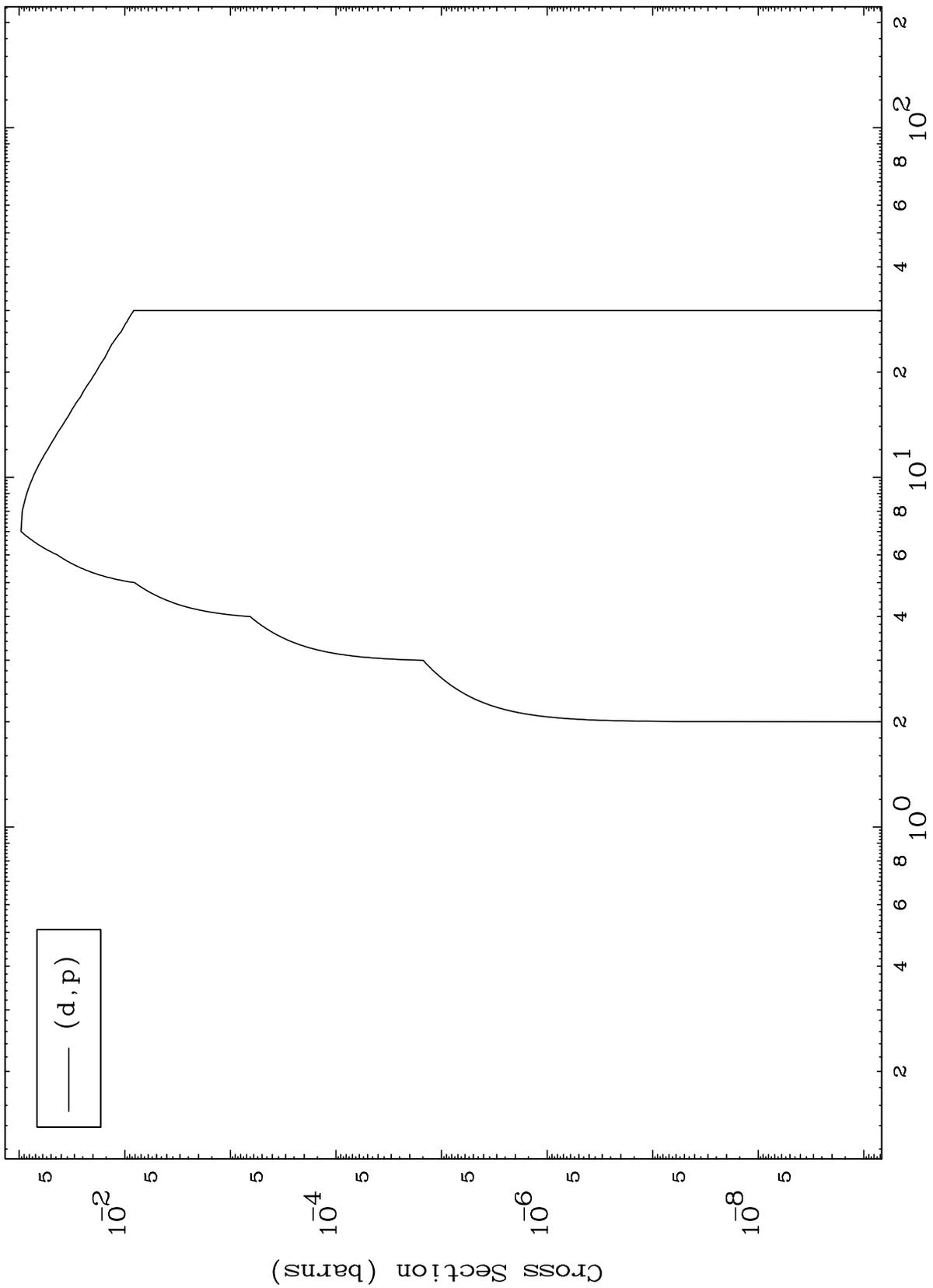


MAT 5058

(d,p) Levels

50-Sn-123

0 Kelvin Cross Sections

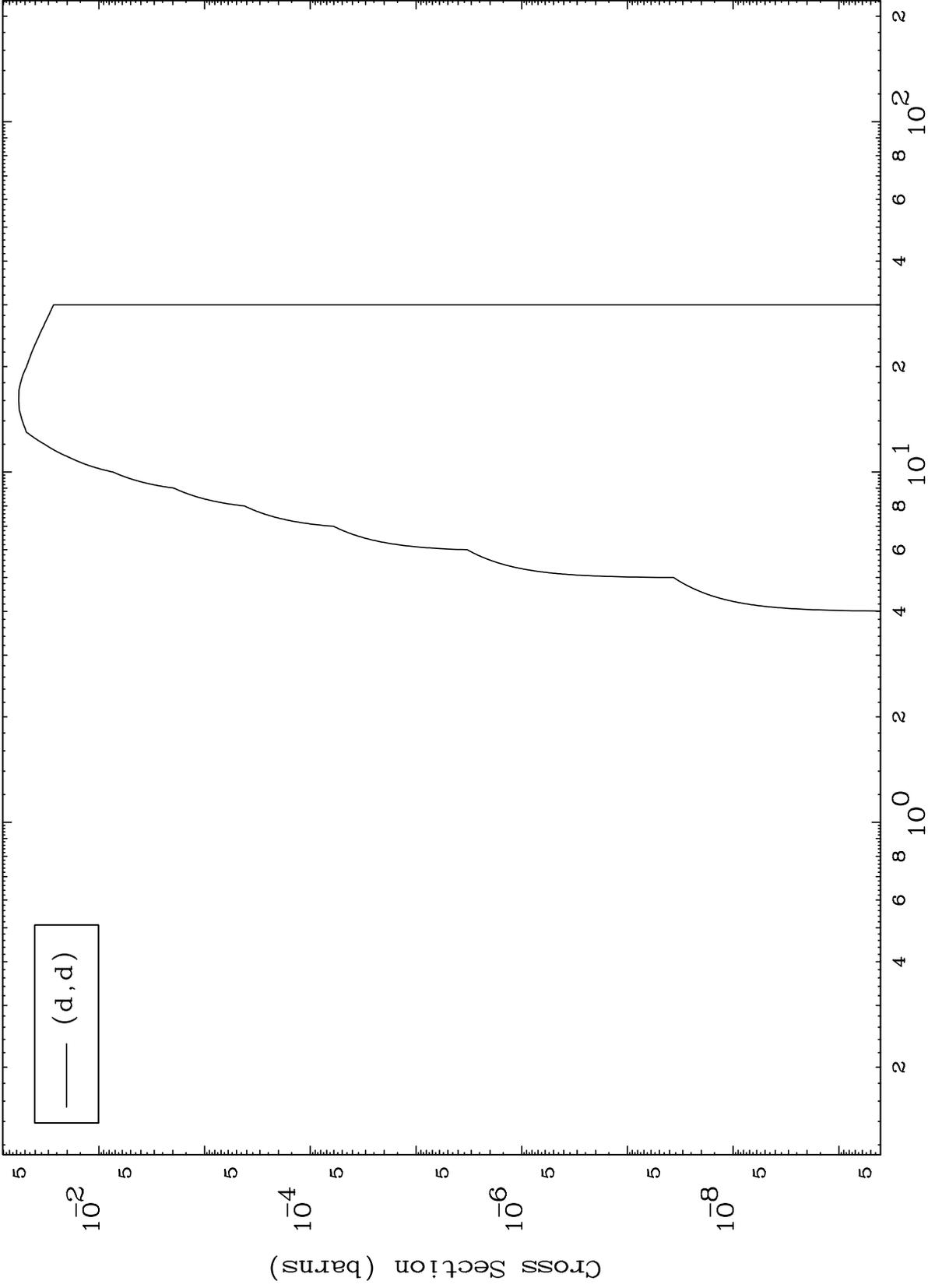


MAT 5058

(d,d) Levels

50-Sn-123

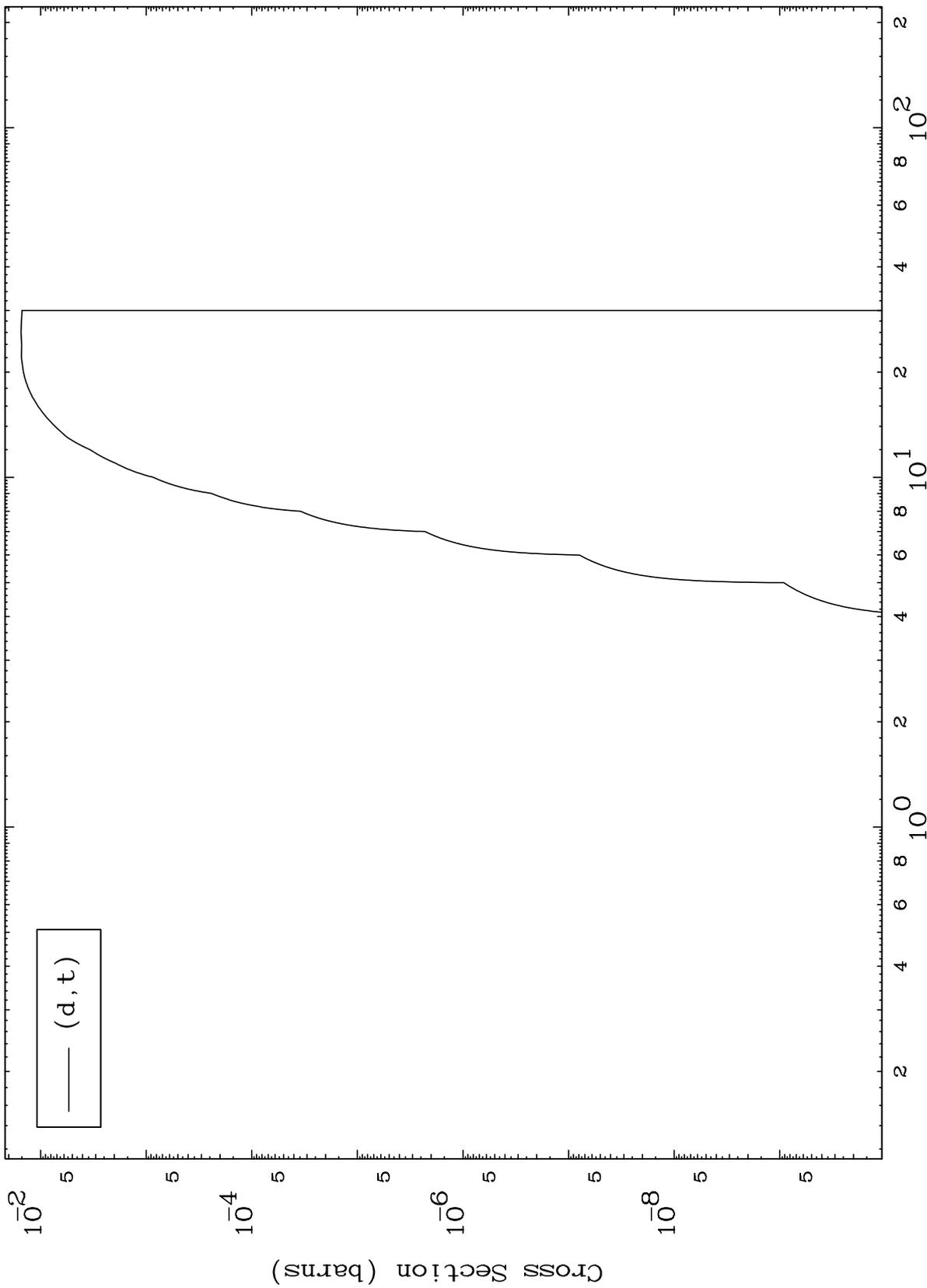
0 Kelvin Cross Sections



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50-Sn-123

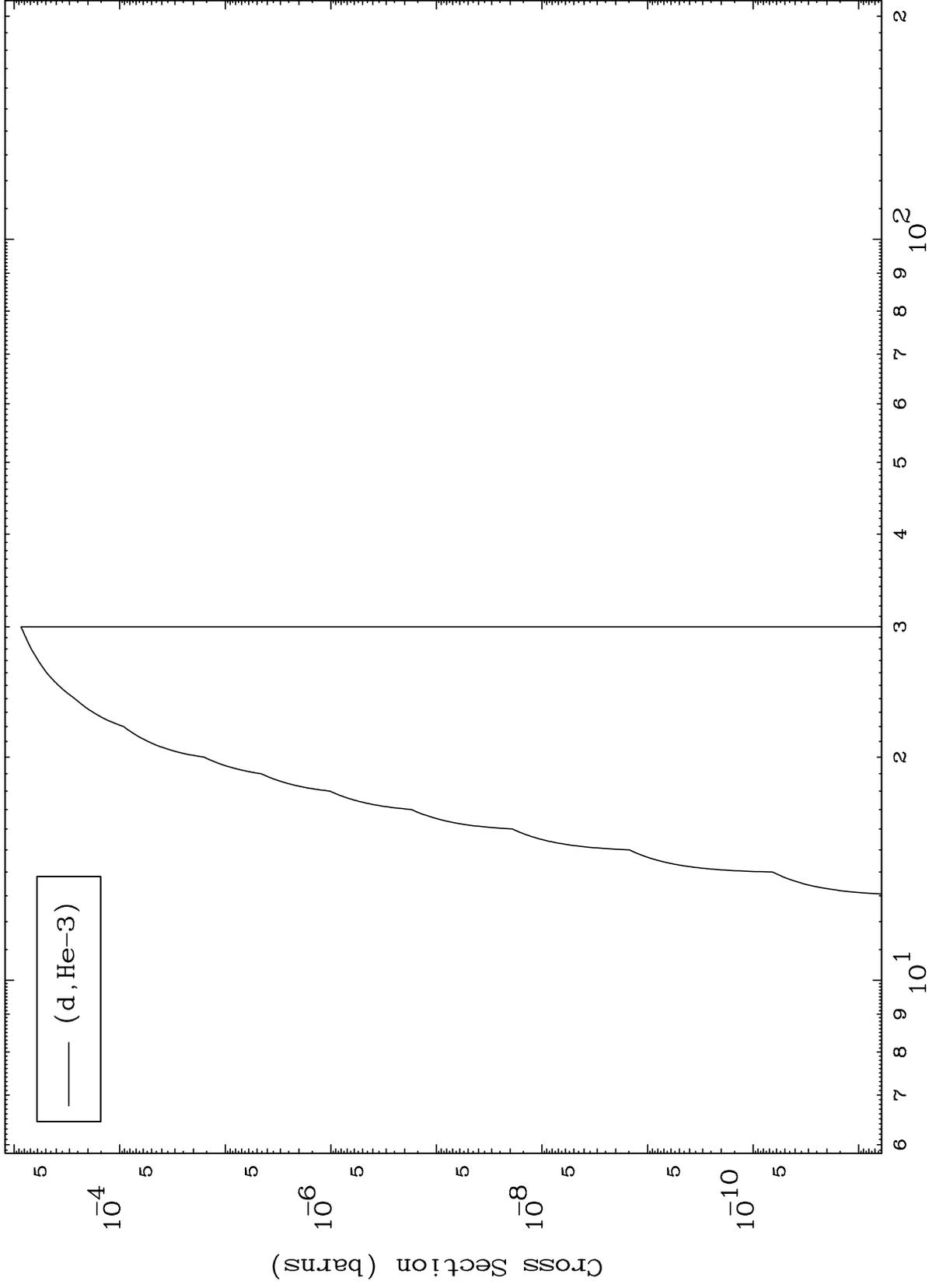
(d,t) Levels
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

50-Sn-123



10

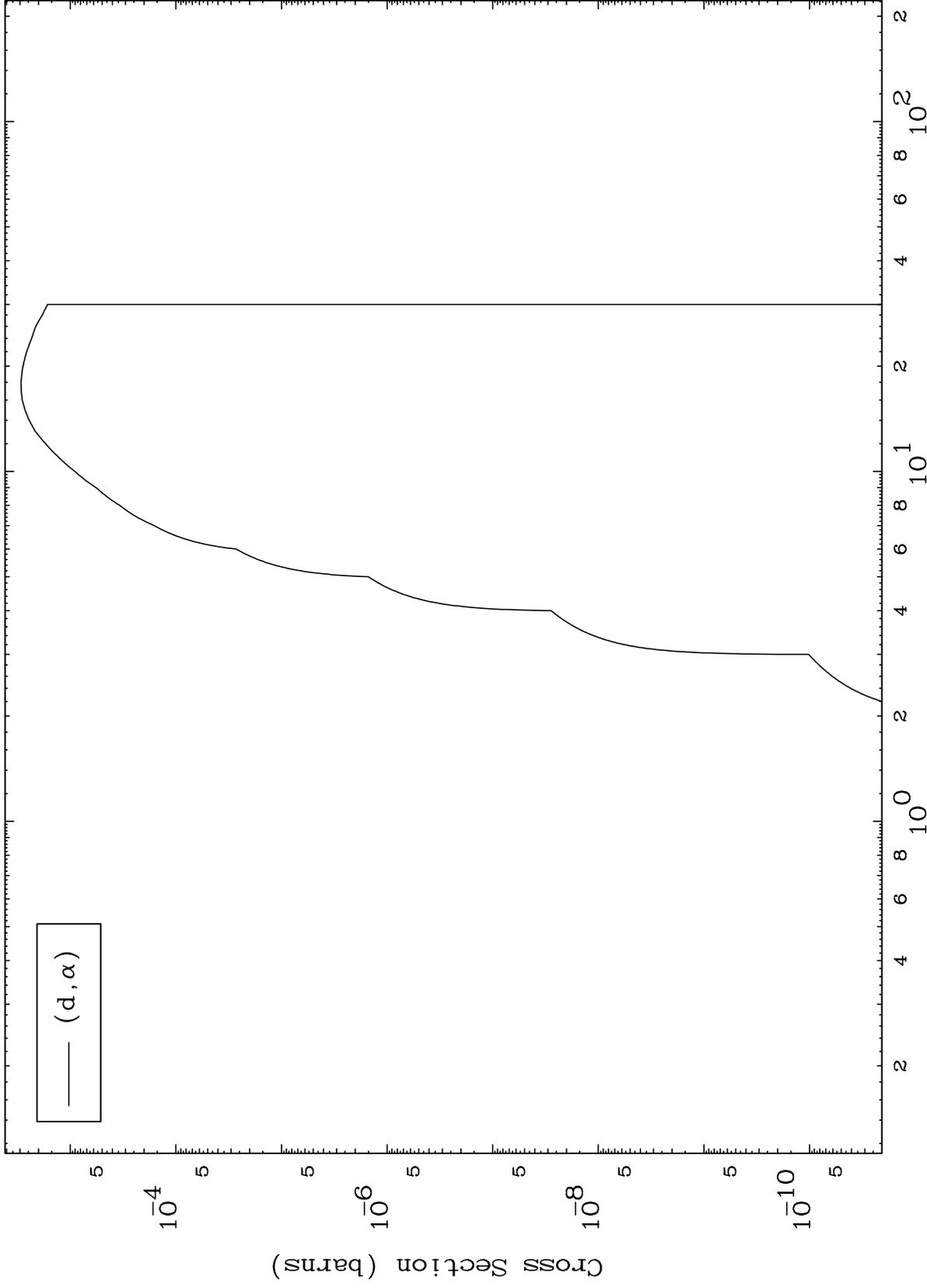
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

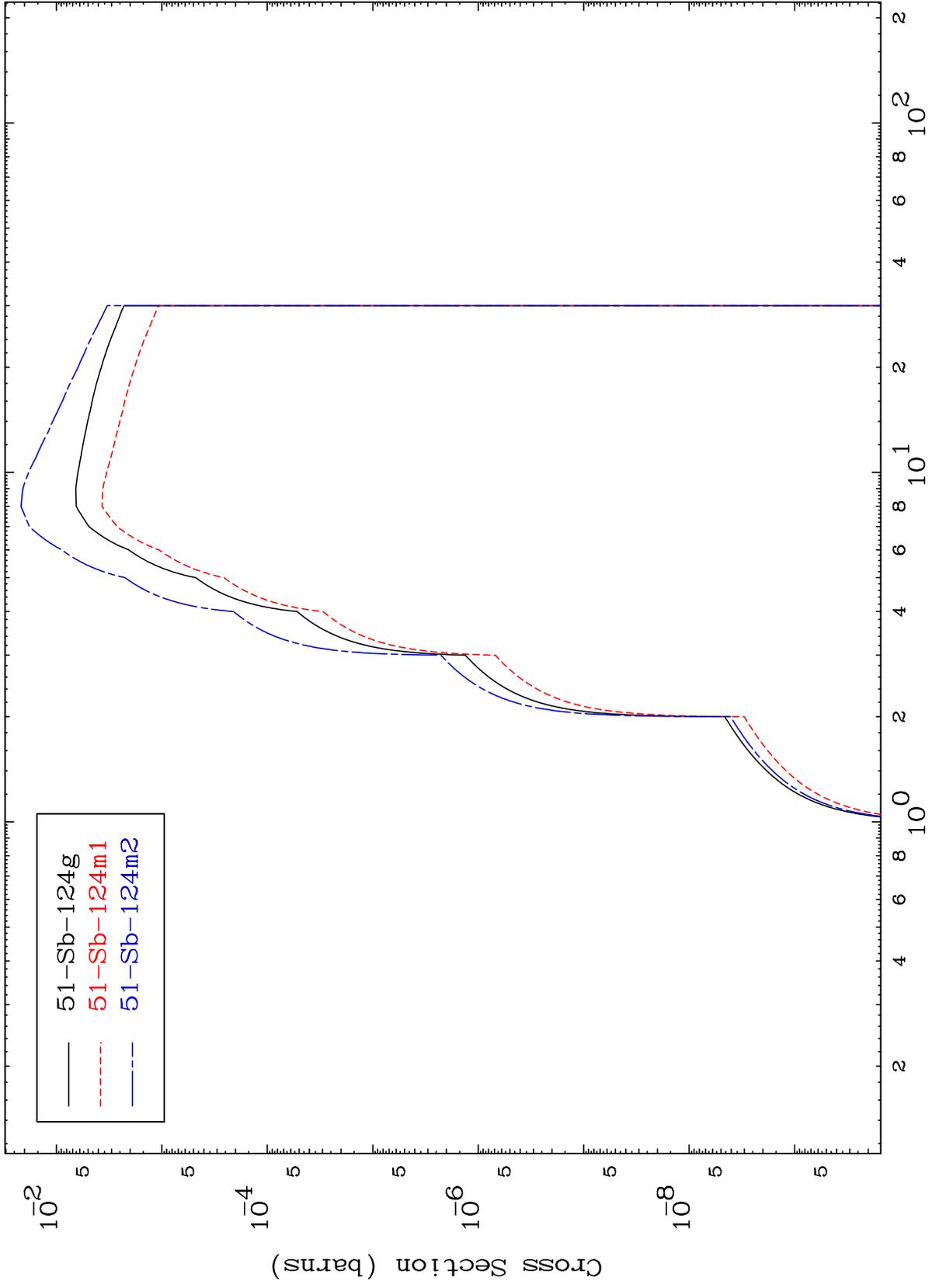
(d, α) Levels
0 Kelvin Cross Sections



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Radionuclide Production Cross Section
Deuteron Inelastic

50-Sn-123



12

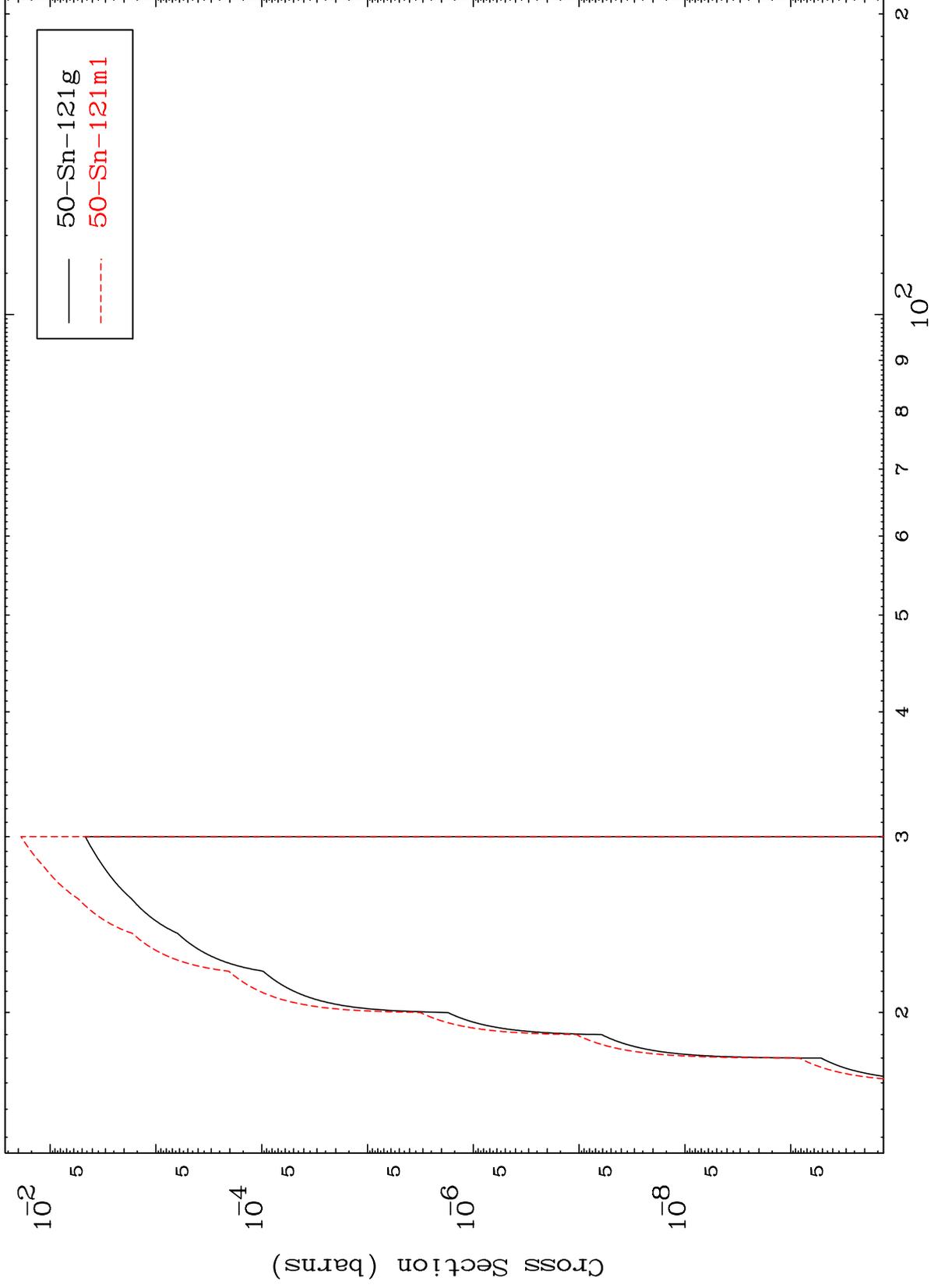
50-Sn-123

MAT 5058

(d,2n) d

50-Sn-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

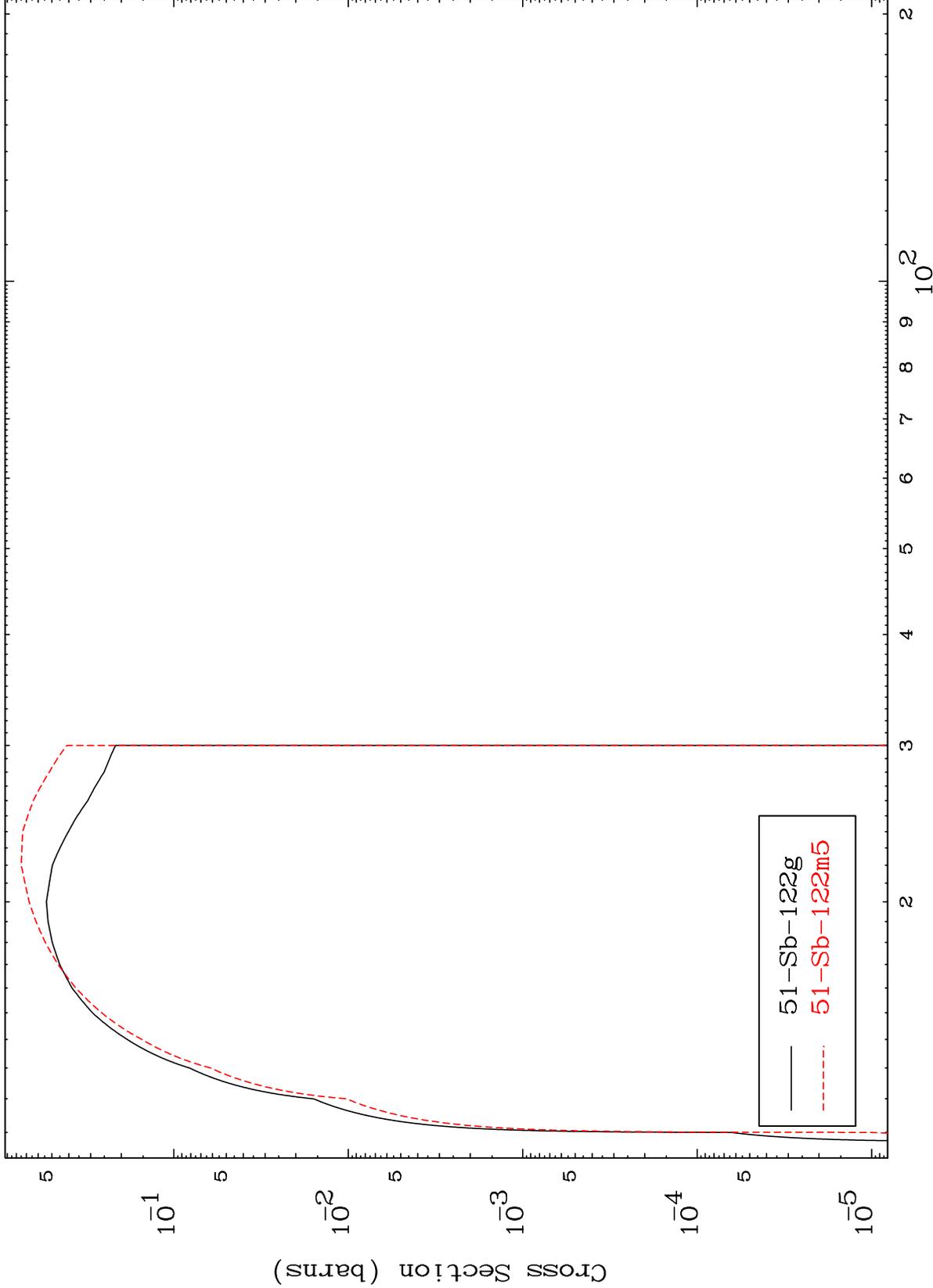
50-Sn-123

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(d,3n)

50-Sn-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

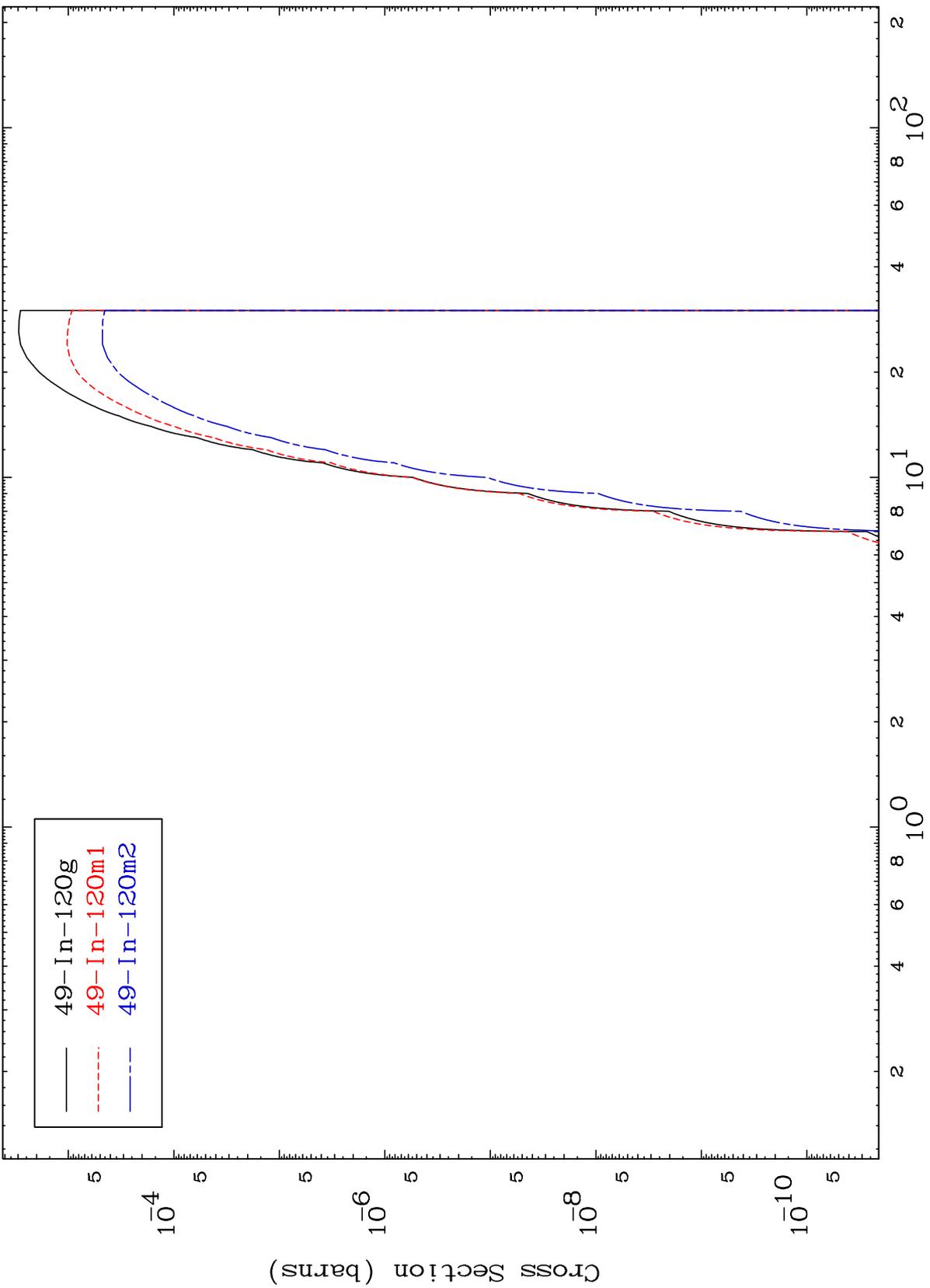
50-Sn-123

MAT 5058

(d,n') α

50-Sn-123

Radionuclide Production Cross Section



15

Incident Energy (MeV)

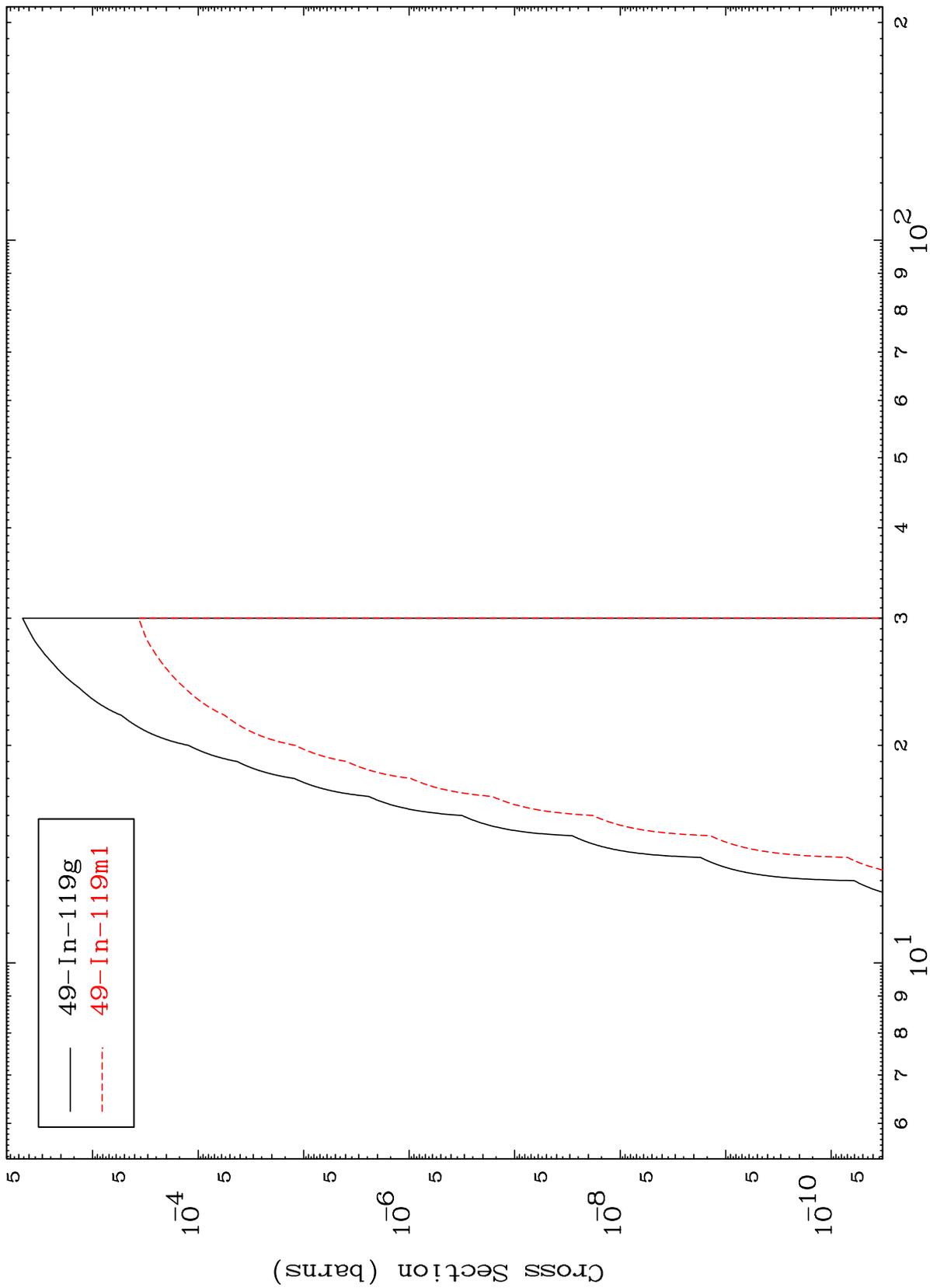
50-Sn-123

MAT 5058

(d,2n) α

50-Sn-123

Radionuclide Production Cross Section



16

Incident Energy (MeV)

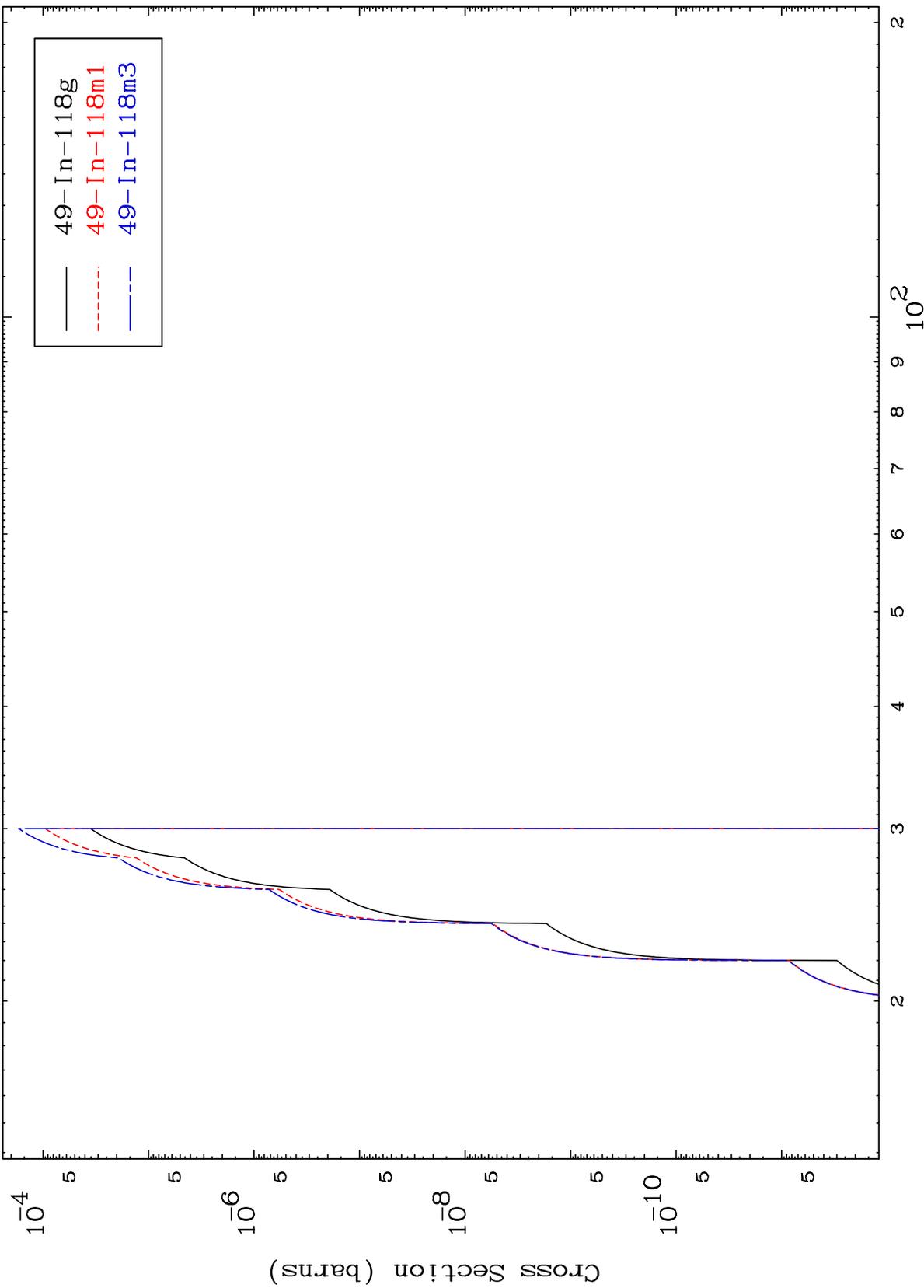
50-Sn-123

MAT 5058

(d,3n) α

50-Sn-123

Radionuclide Production Cross Section



17

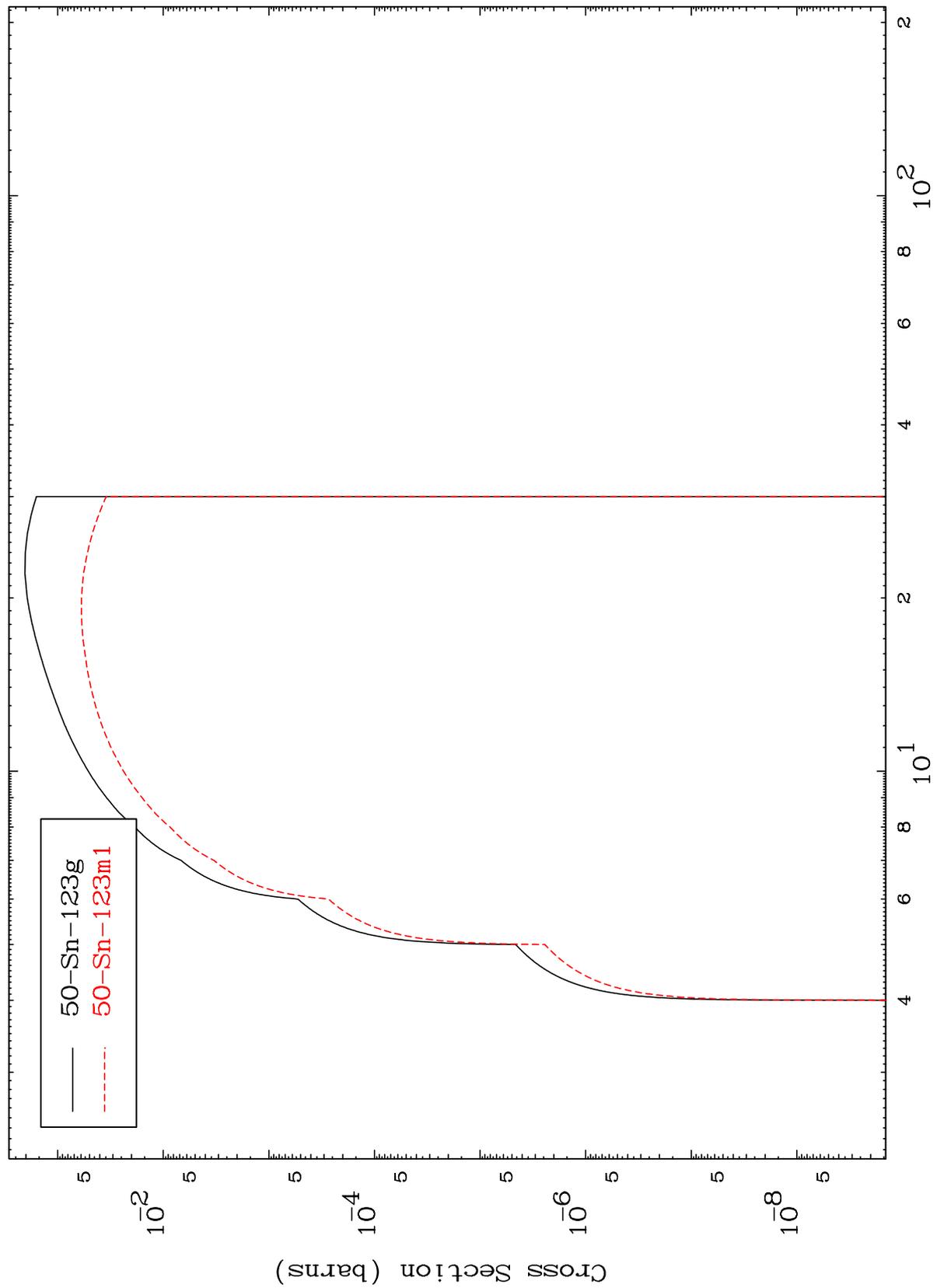
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(d,n') p
Radionuclide Production Cross Section



18

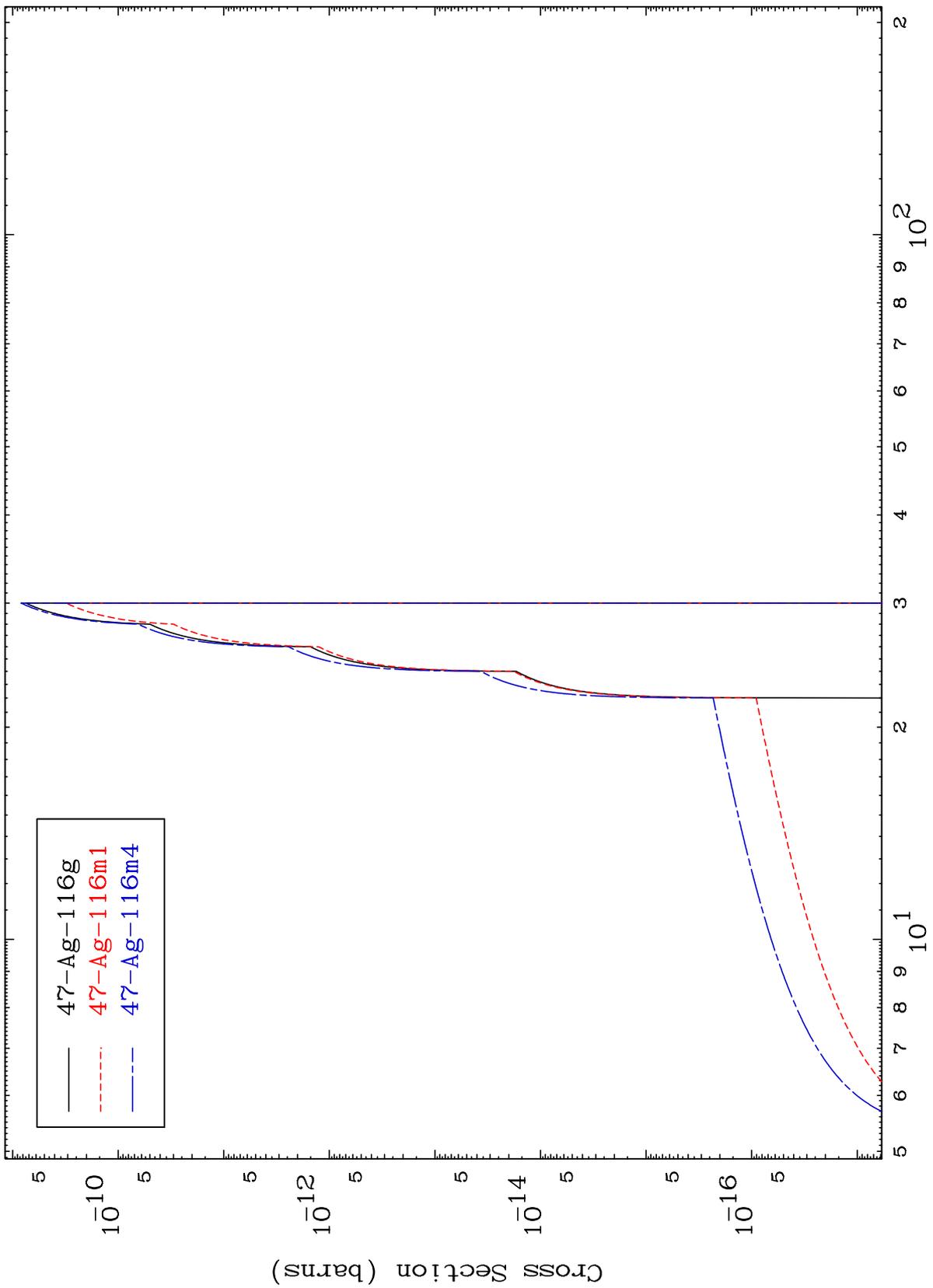
50-Sn-123

Incident Energy (MeV)

MAT 5058

50-Sn-123

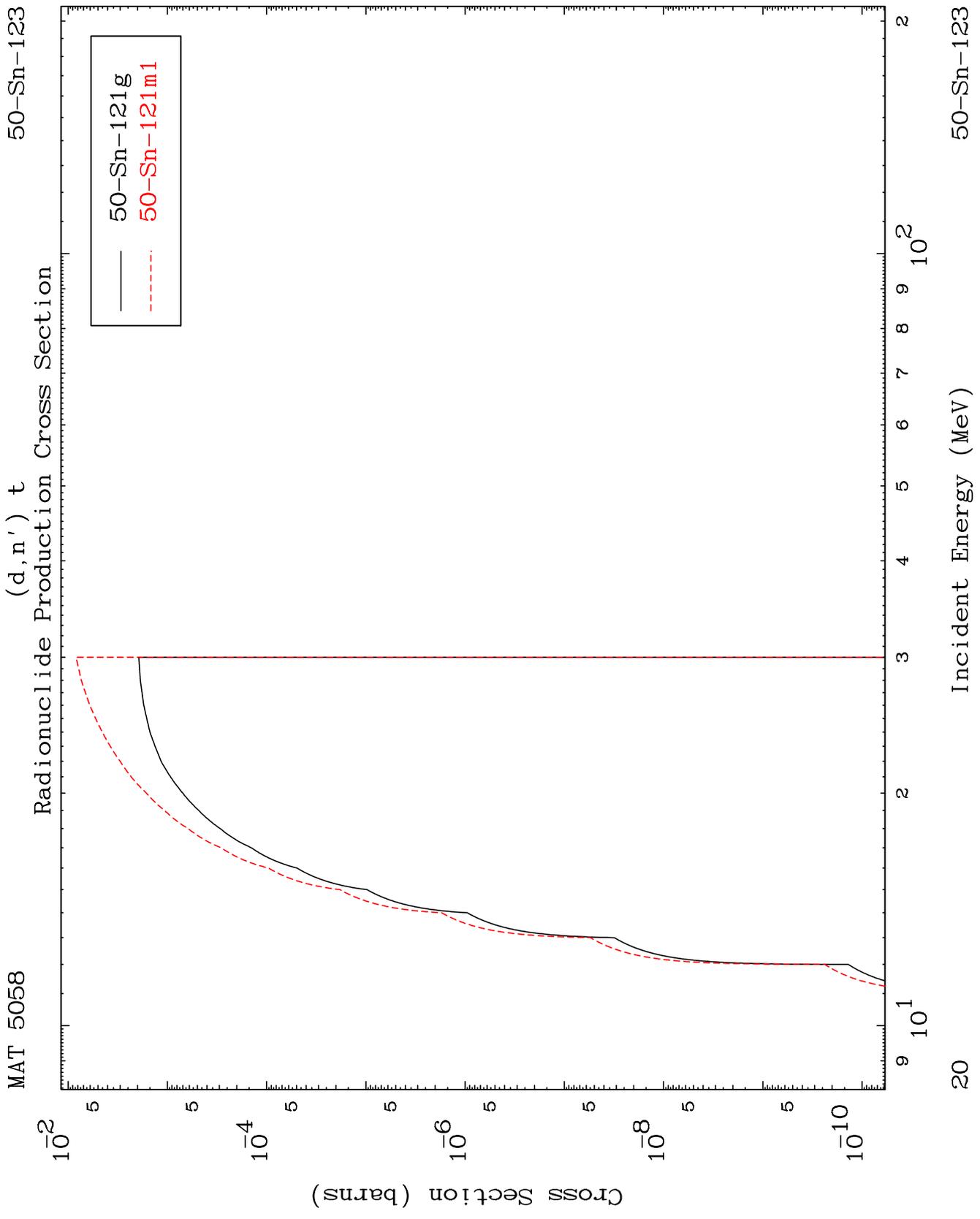
(d,n') 2 α
Radionuclide Production Cross Section

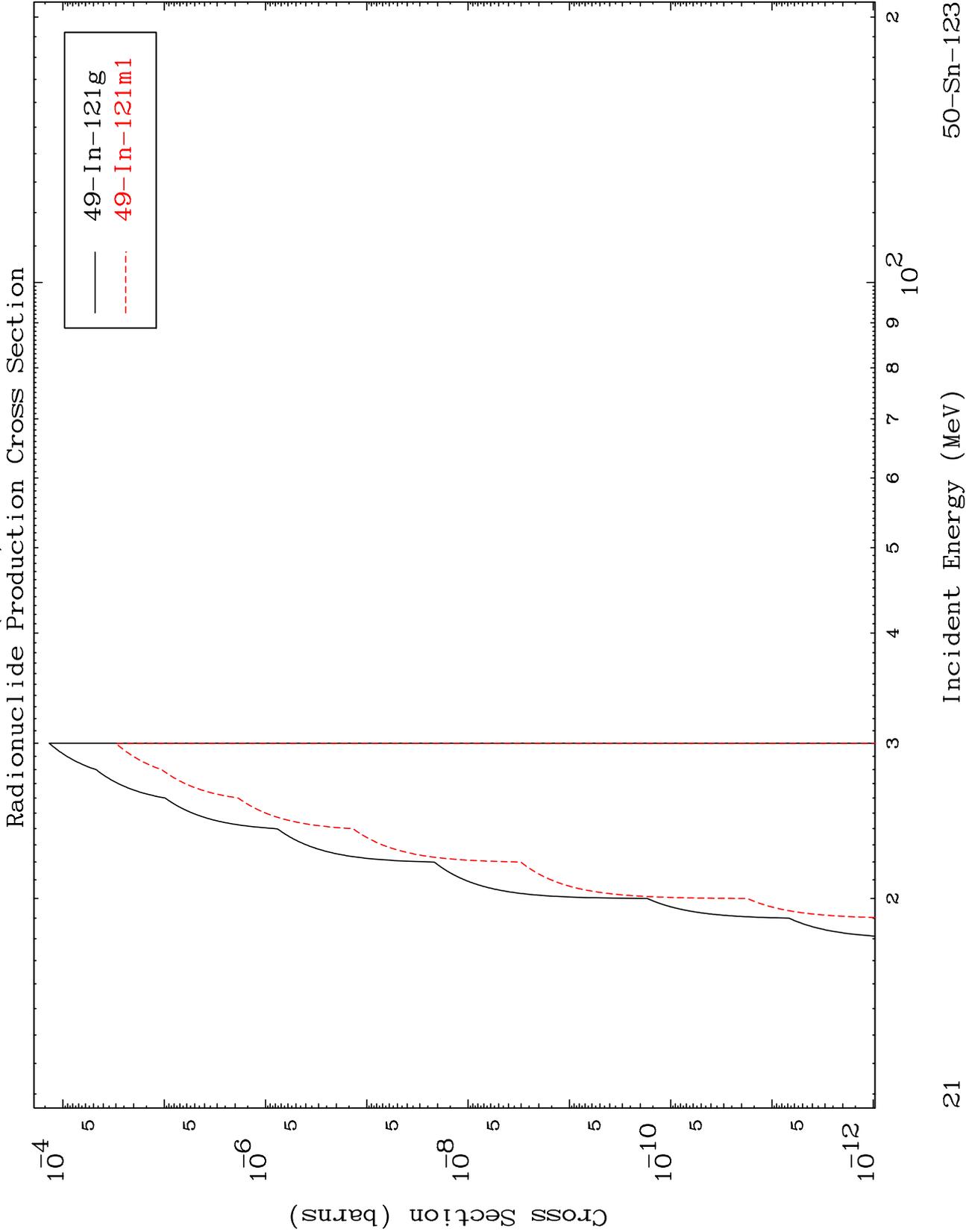


50-Sn-123

Incident Energy (MeV)

19



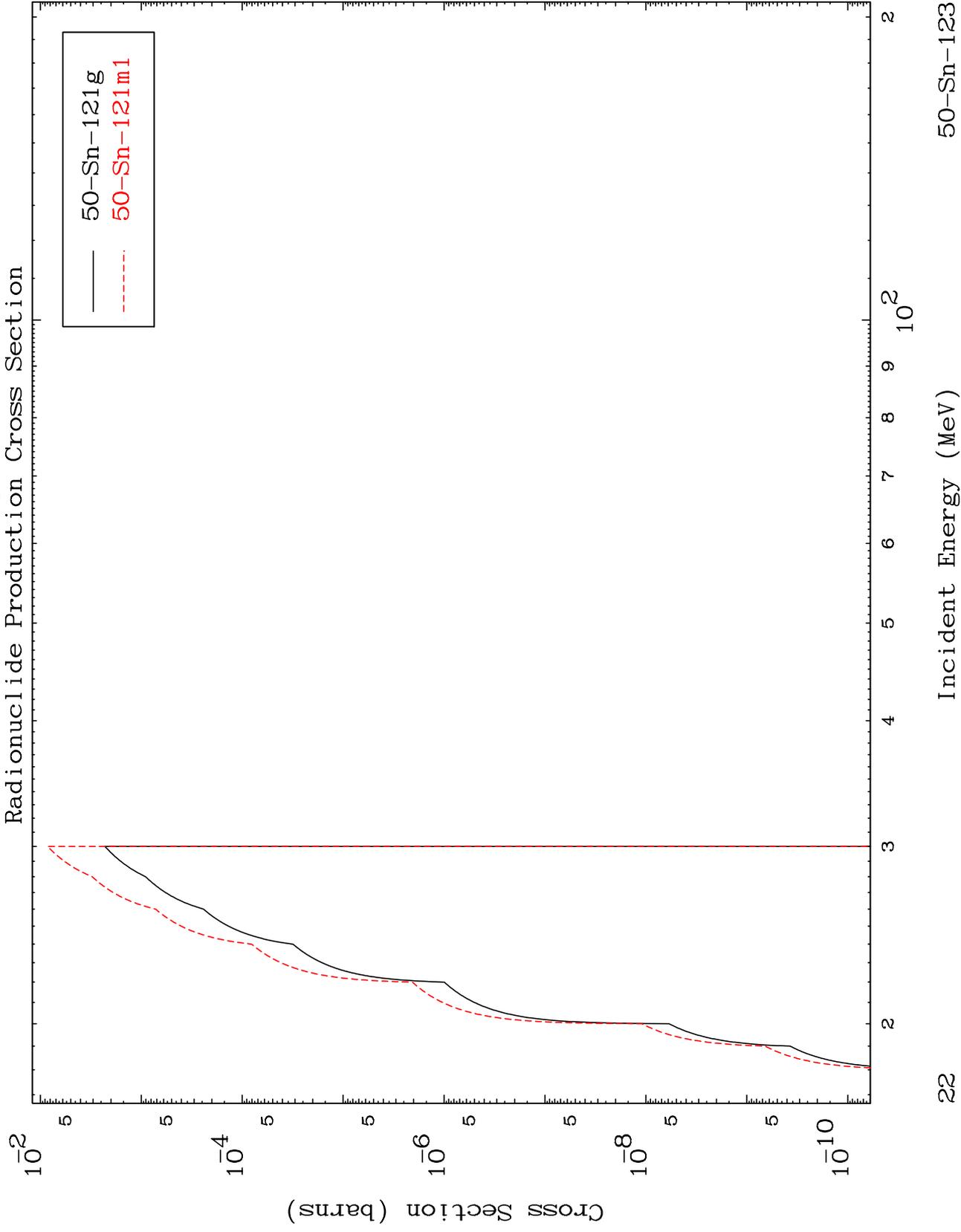


MAT 5058

(d,3n) p

50-Sn-123

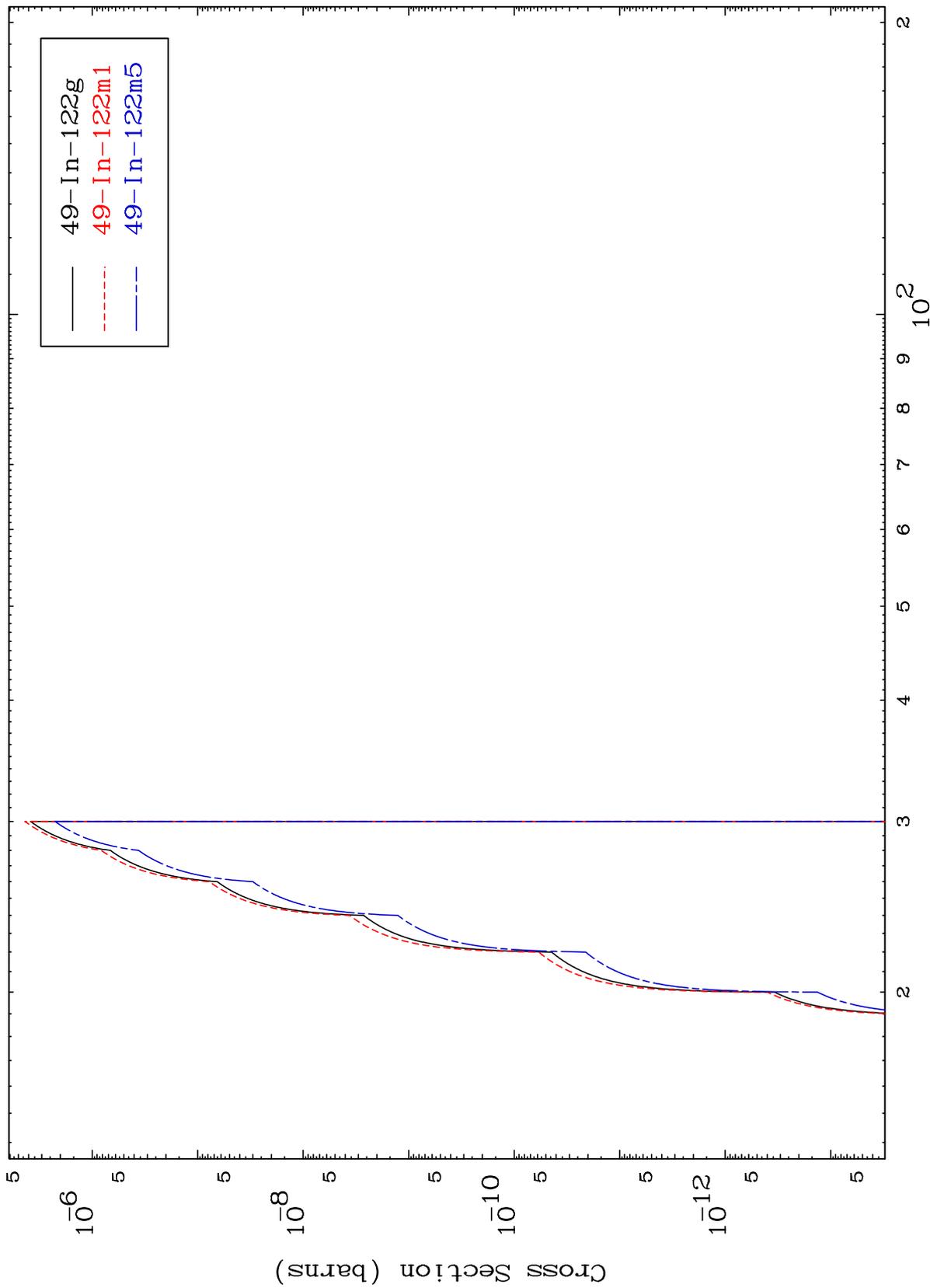
Radionuclide Production Cross Section



22

50-Sn-123

(d,2n) p
Radionuclide Production Cross Section

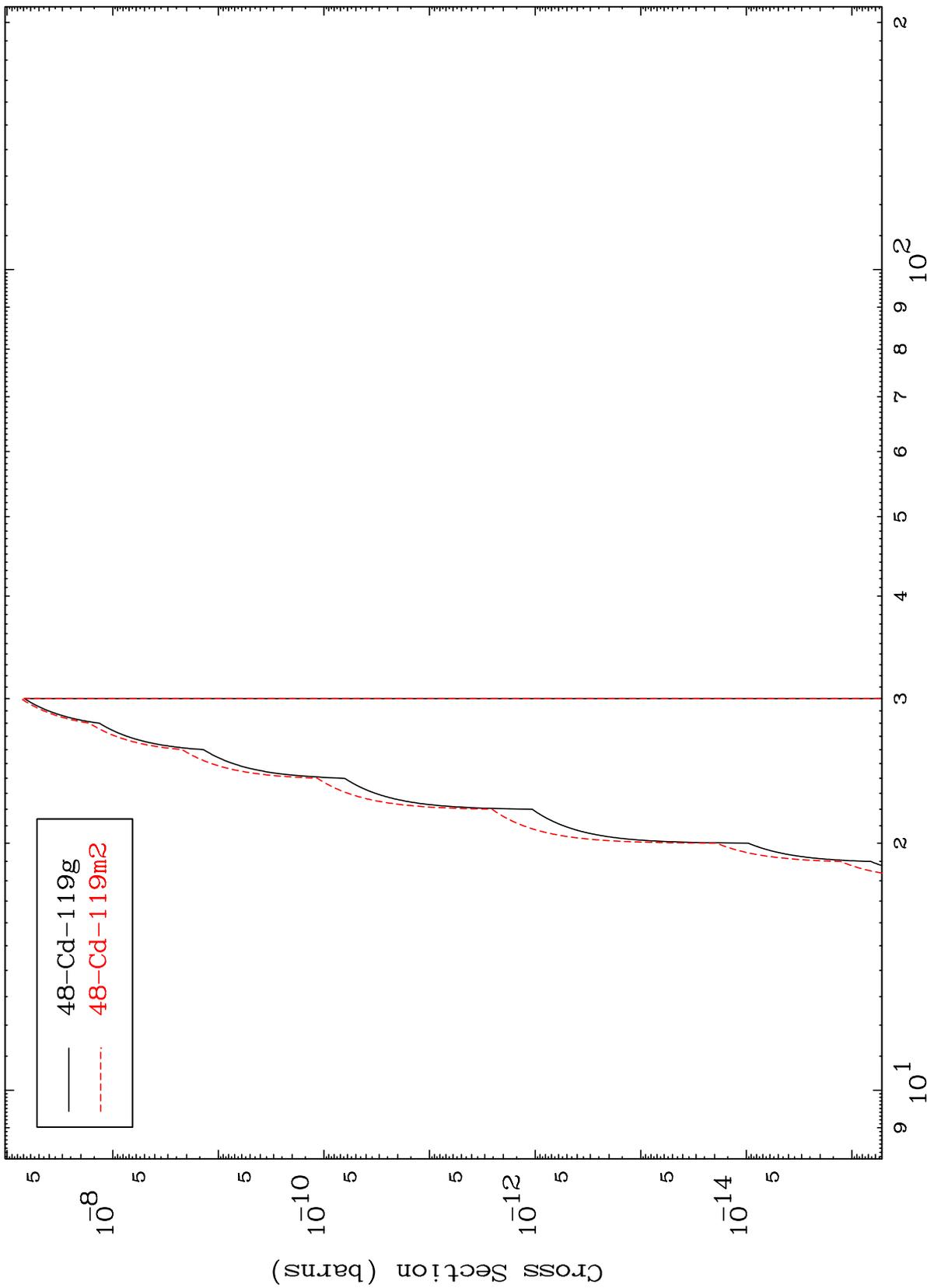


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(d,n') p α

50-Sn-123

Radionuclide Production Cross Section



24

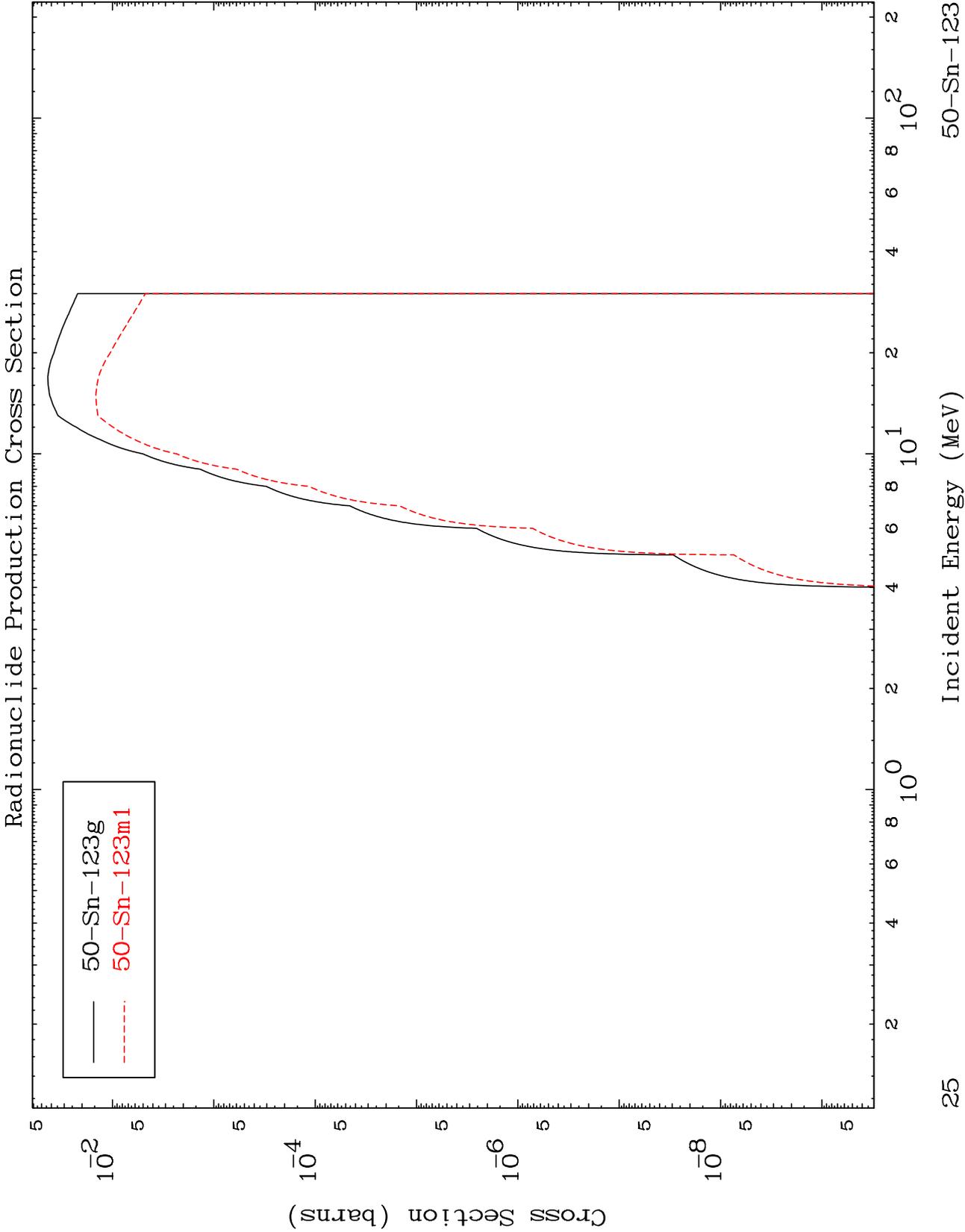
Incident Energy (MeV)

50-Sn-123

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(d, d)

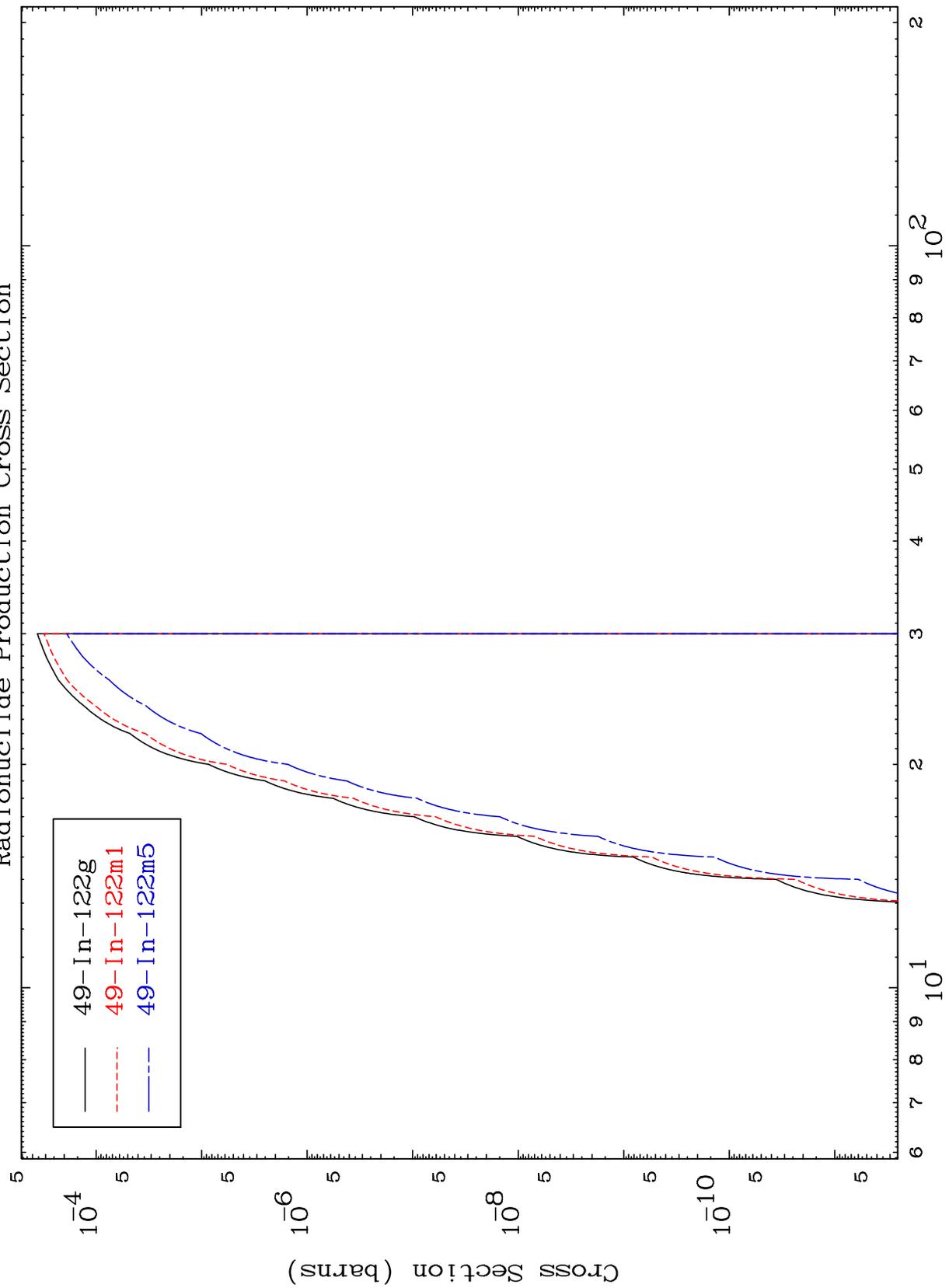
50-Sn-123



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50-Sn-123

Radionuclide Production Cross Section
(d,He-3)



Legend:
— 49-In-122g
- - - 49-In-122m1
- - - 49-In-122m5

26

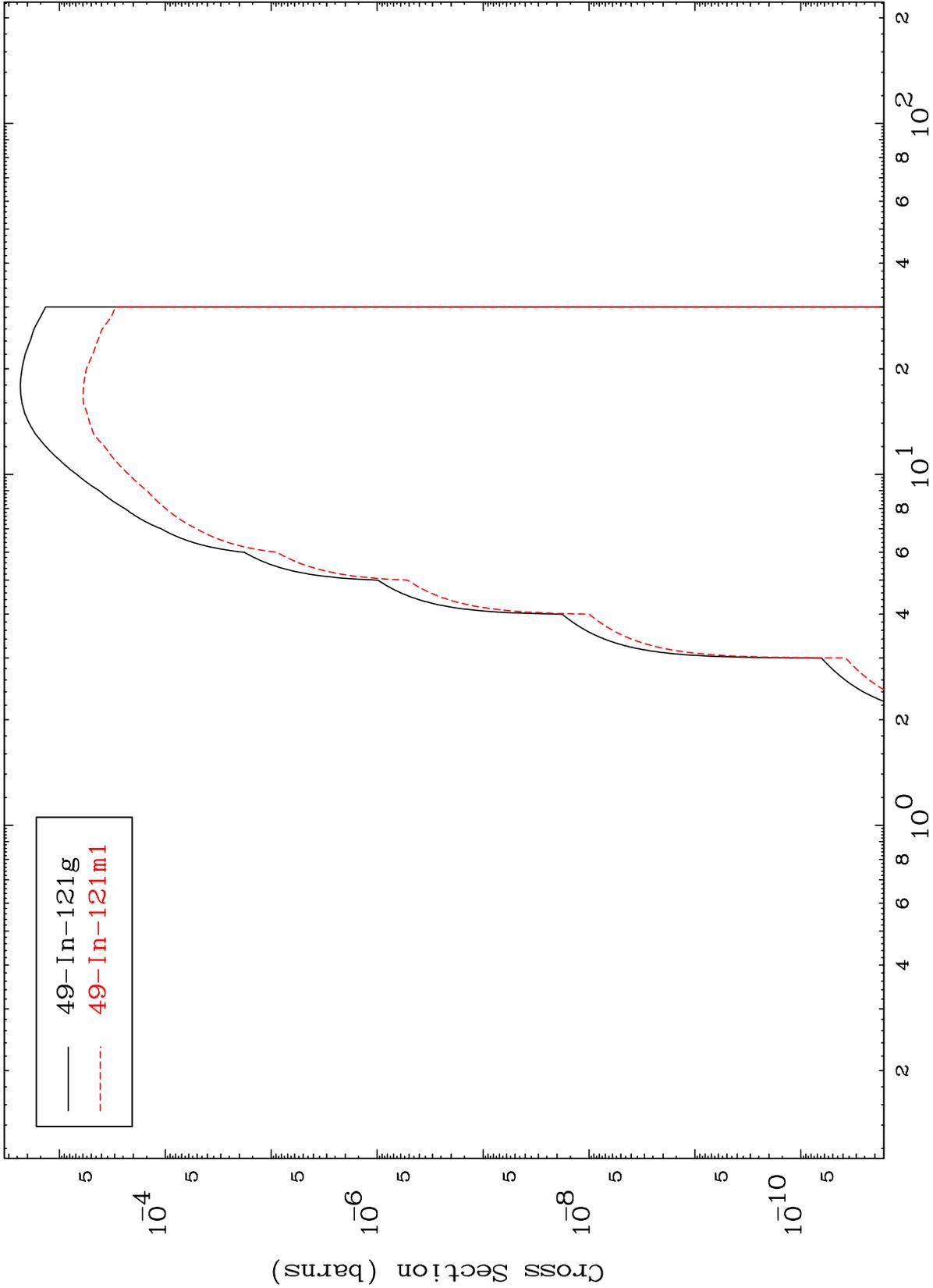
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(d, α)
Radionuclide Production Cross Section



50-Sn-123

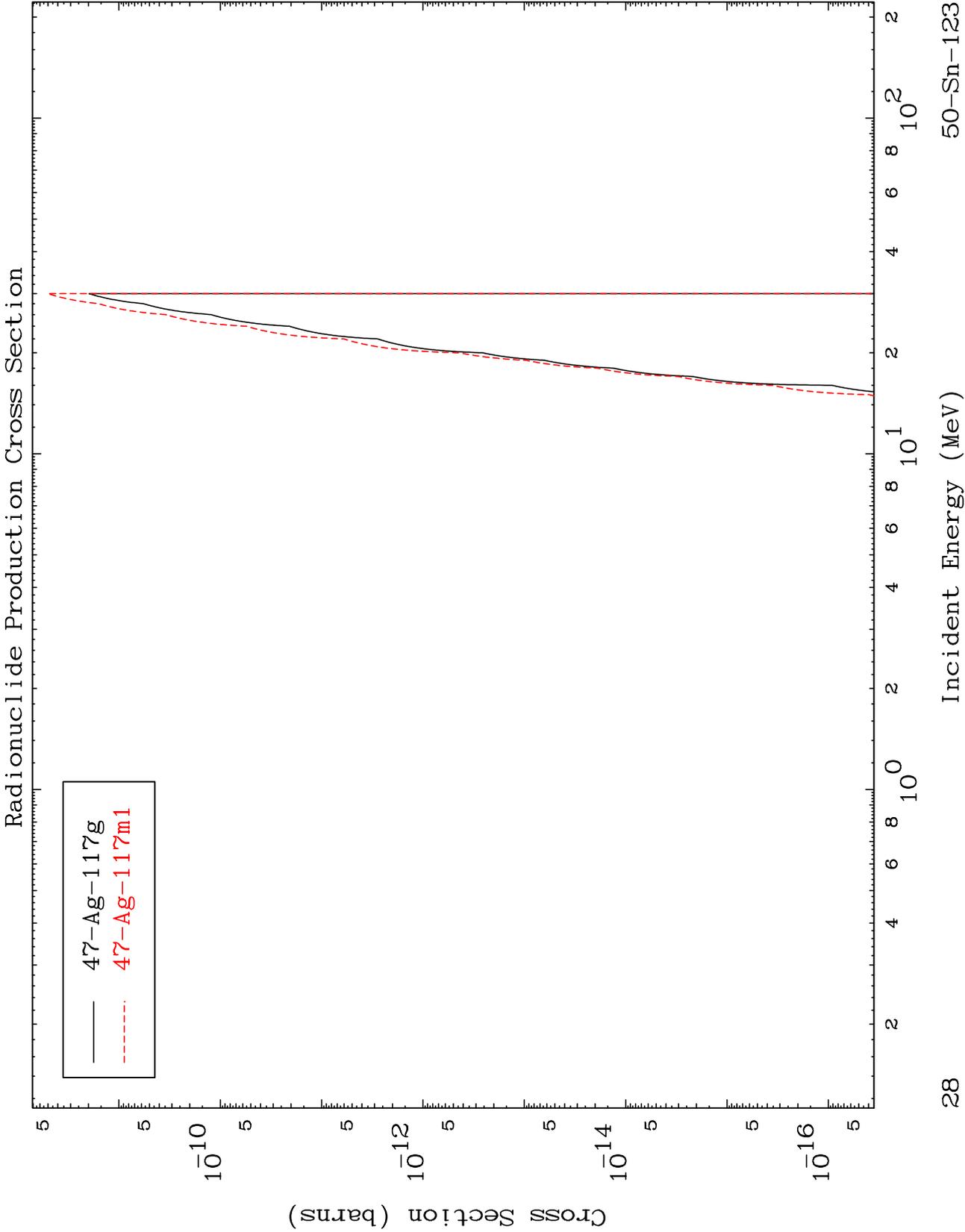
Incident Energy (MeV)

27

MAT 5058

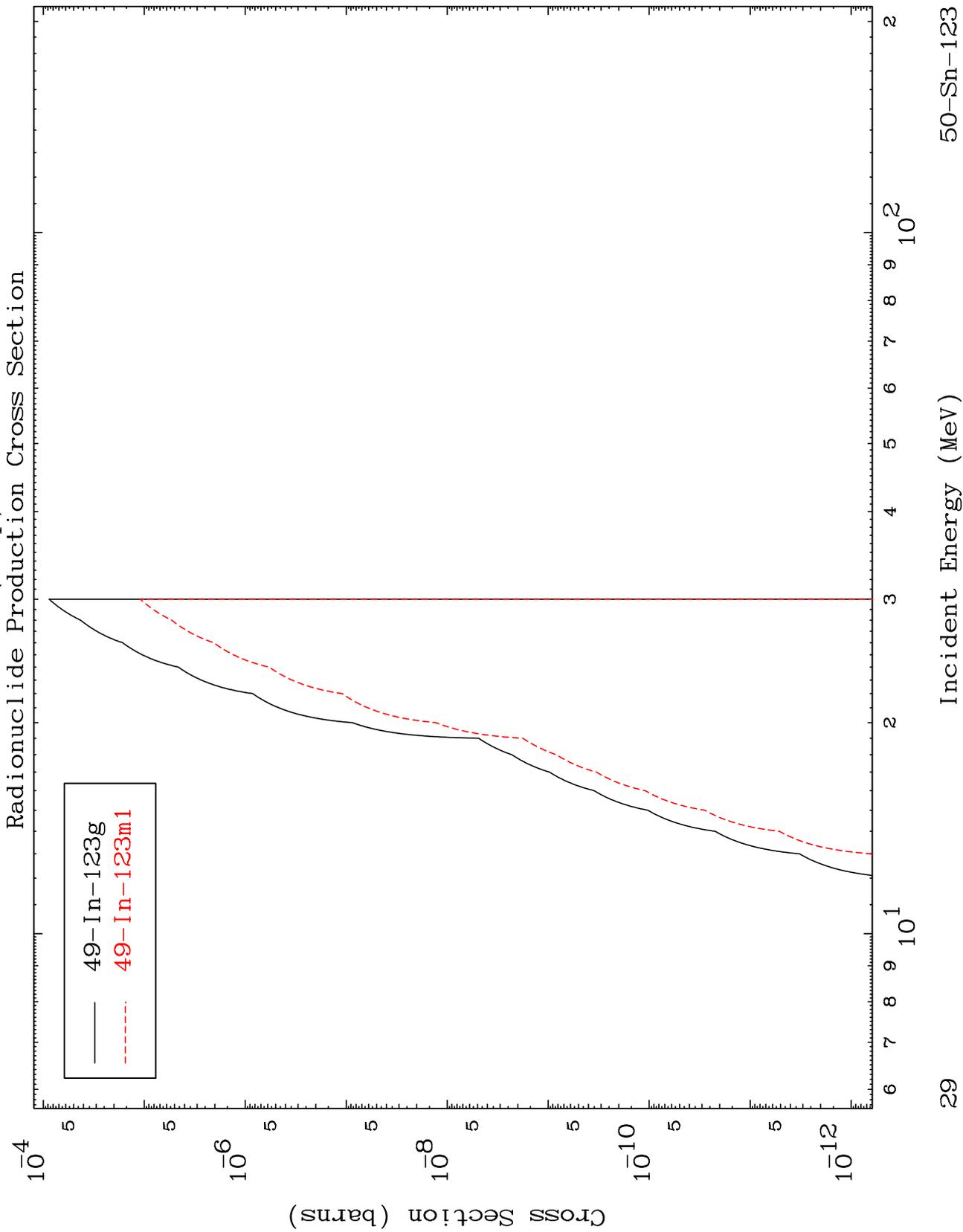
(d,2α)

50-Sn-123



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50-Sn-123



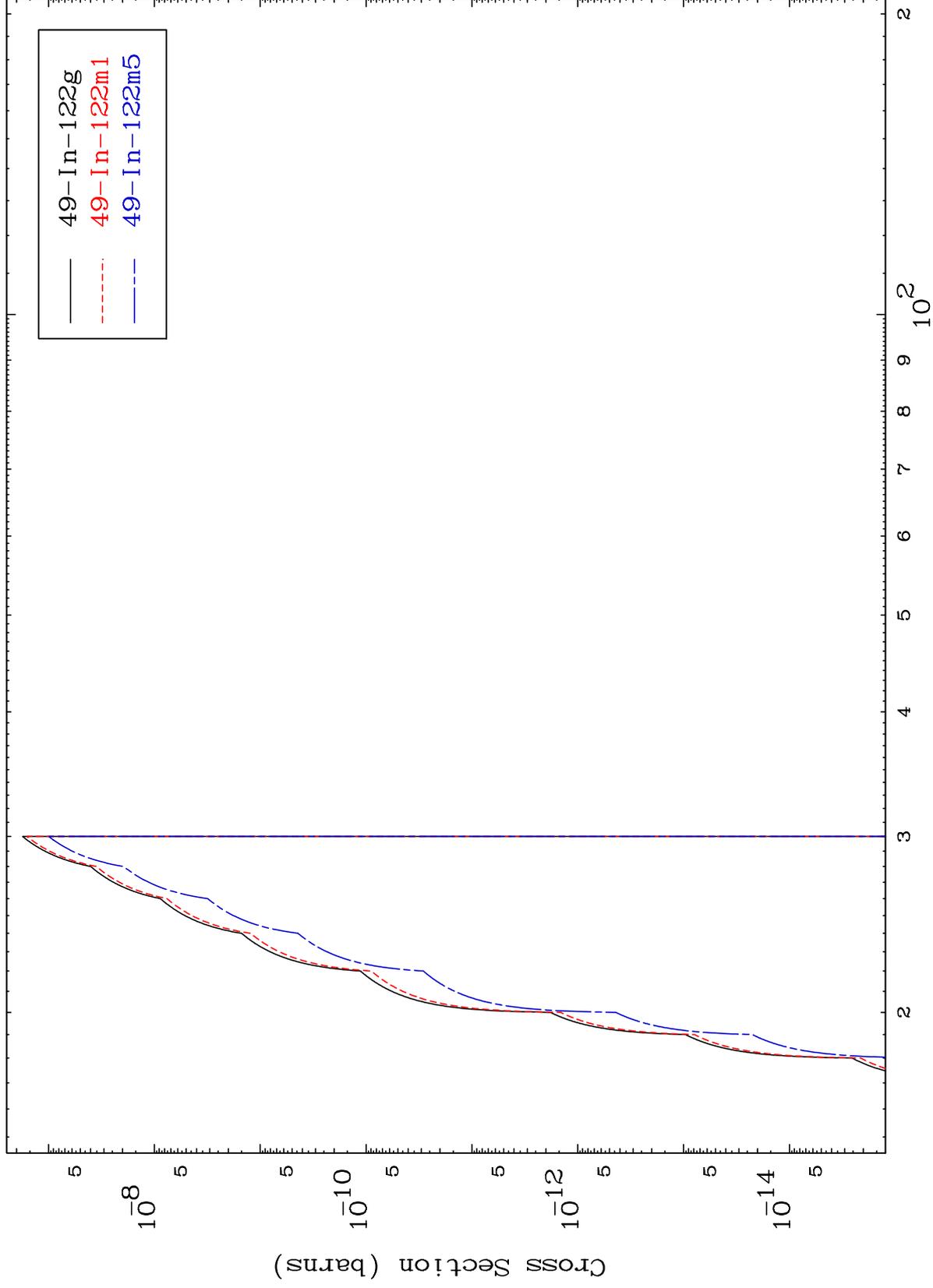
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MAT 5058

(d,p) d

50-Sn-123

Radionuclide Production Cross Section



30

Incident Energy (MeV)

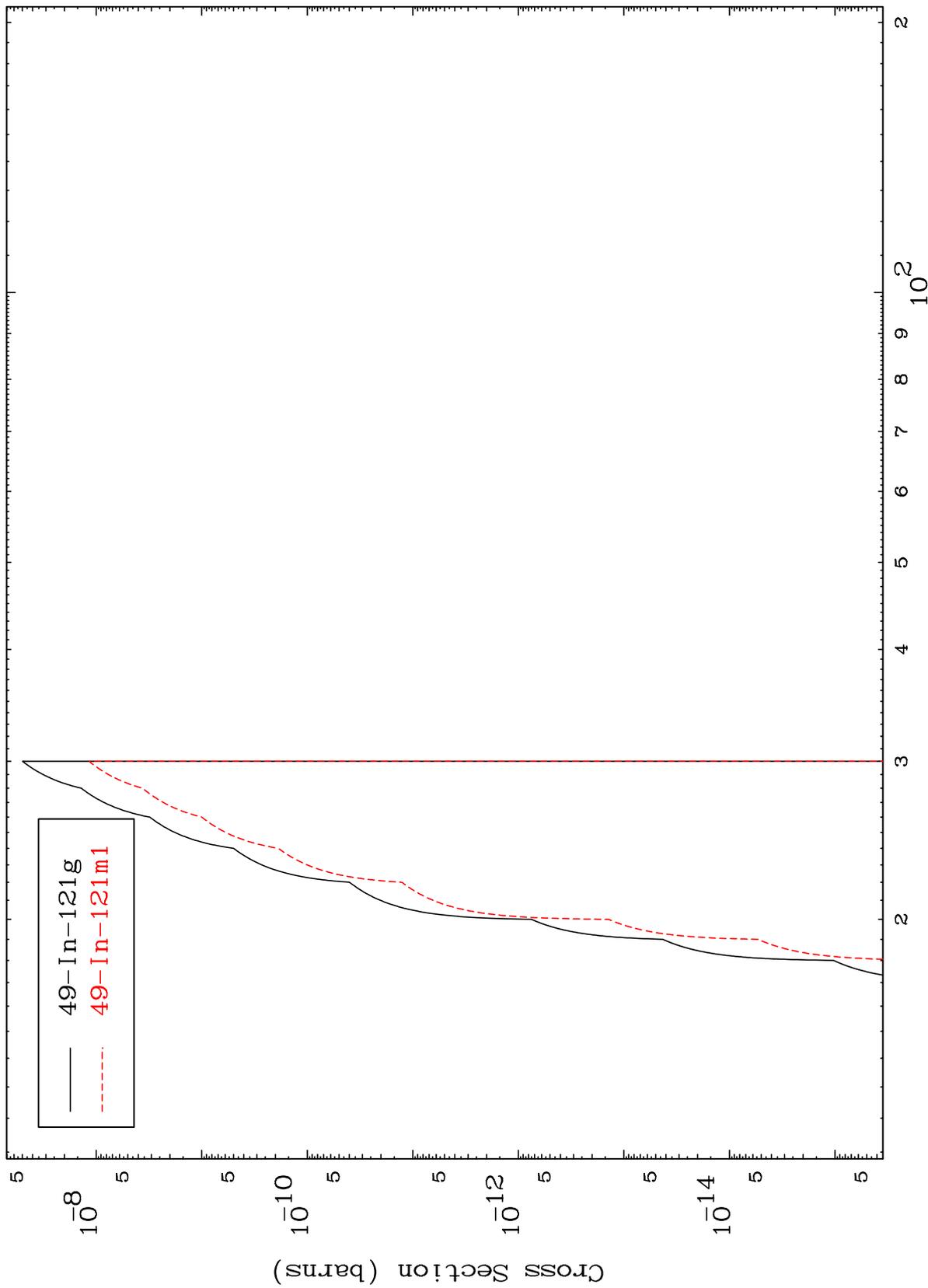
50-Sn-123

MAT 5058

(d,p) t

50-Sn-123

Radionuclide Production Cross Section



Incident Energy (MeV)

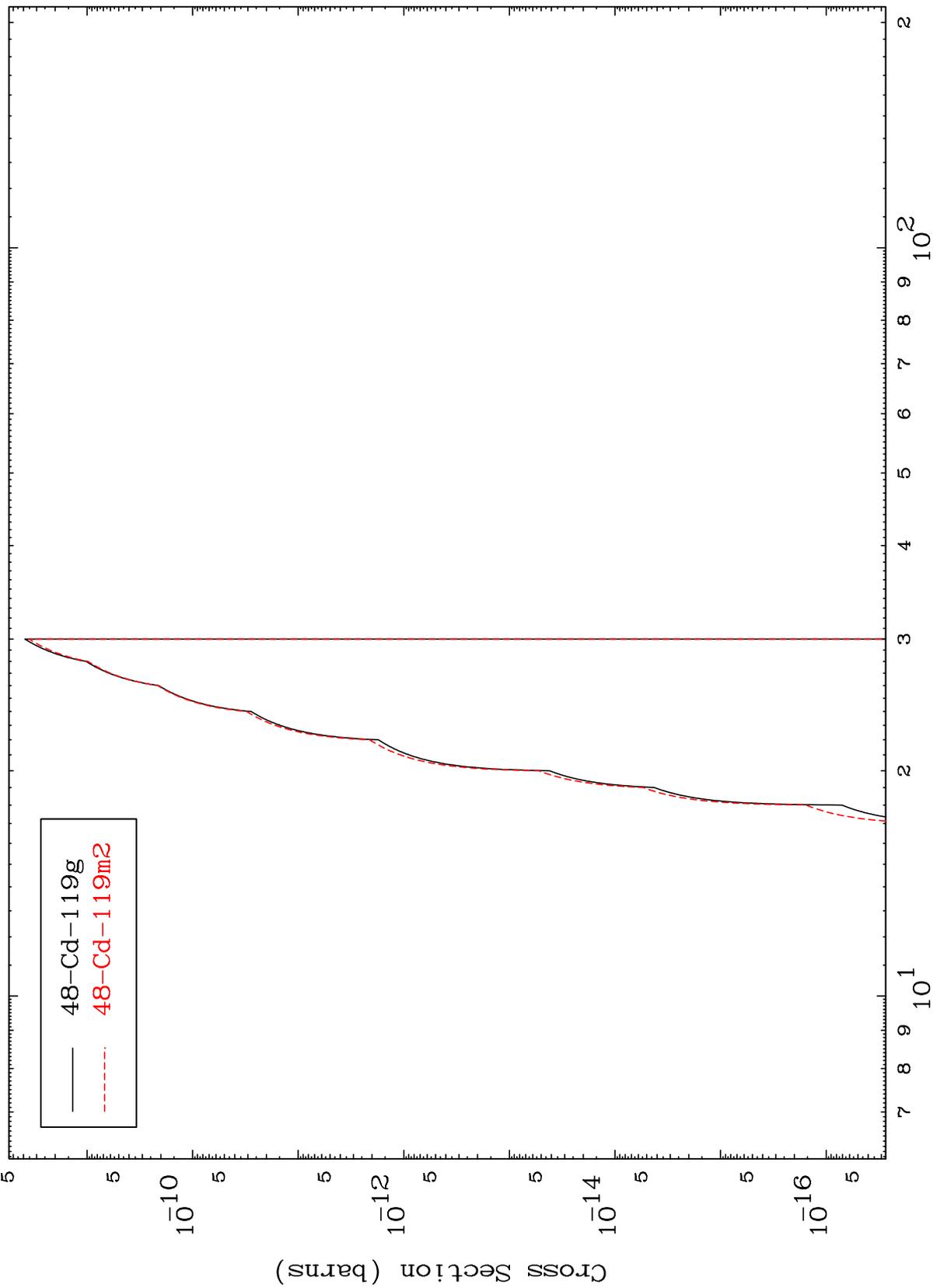
50-Sn-123

MAT 5058

(d,d) α

50-Sn-123

Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-123