

Program EVALPLOT
(Version 2018-1)

by

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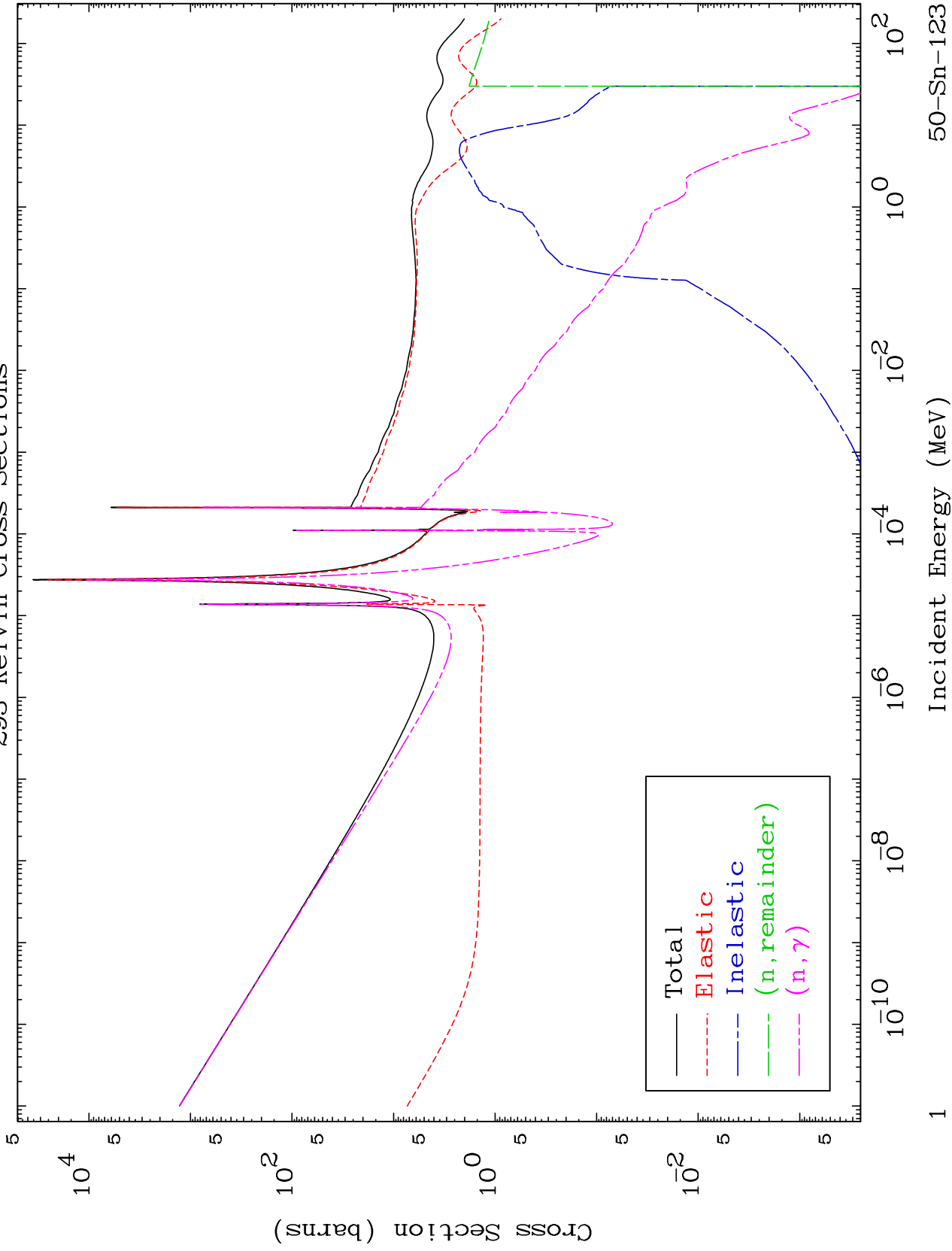
Web: redcullen1.net/HOMEPAGE.NEW

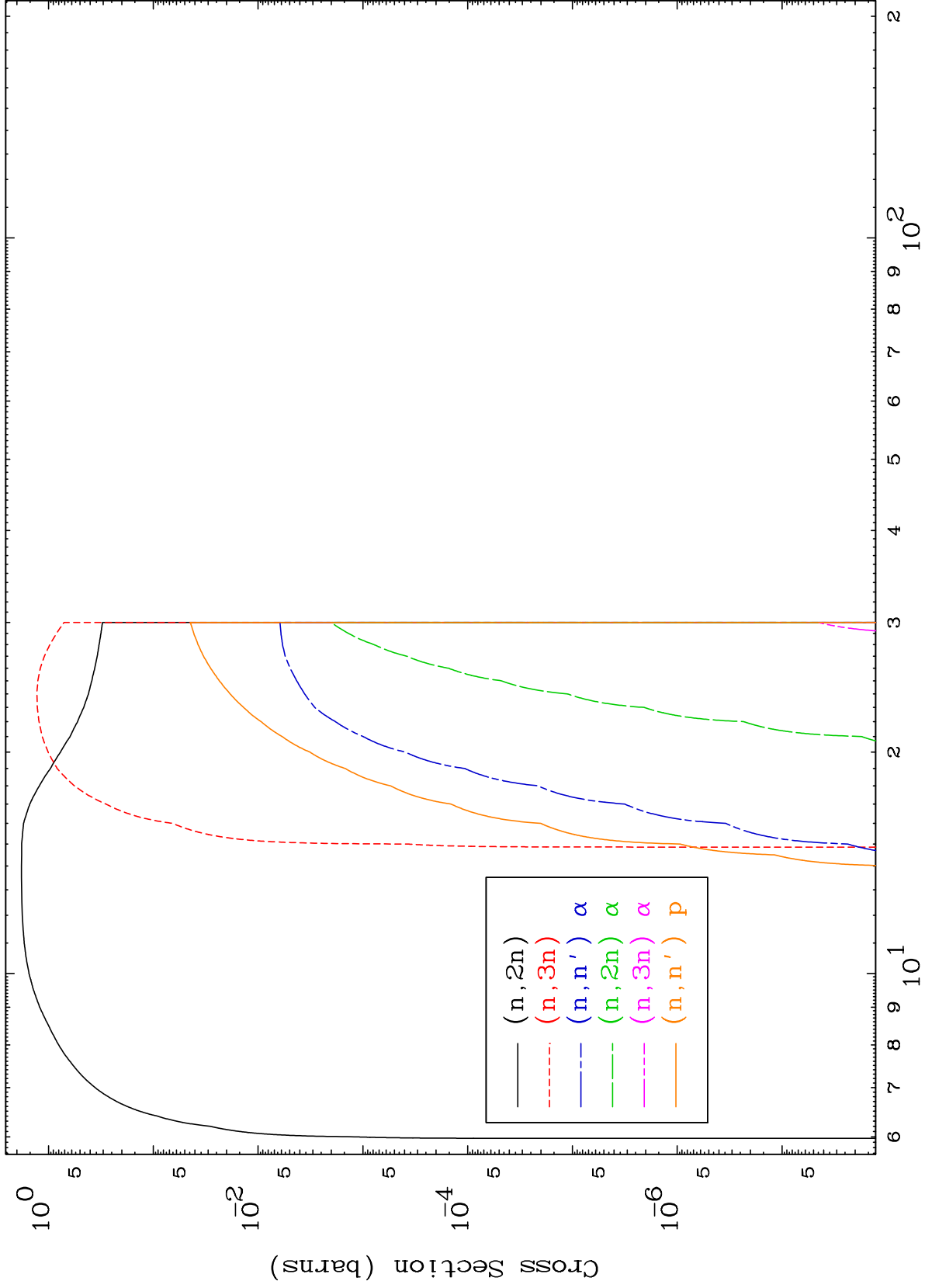
Press Mouse Button to Start

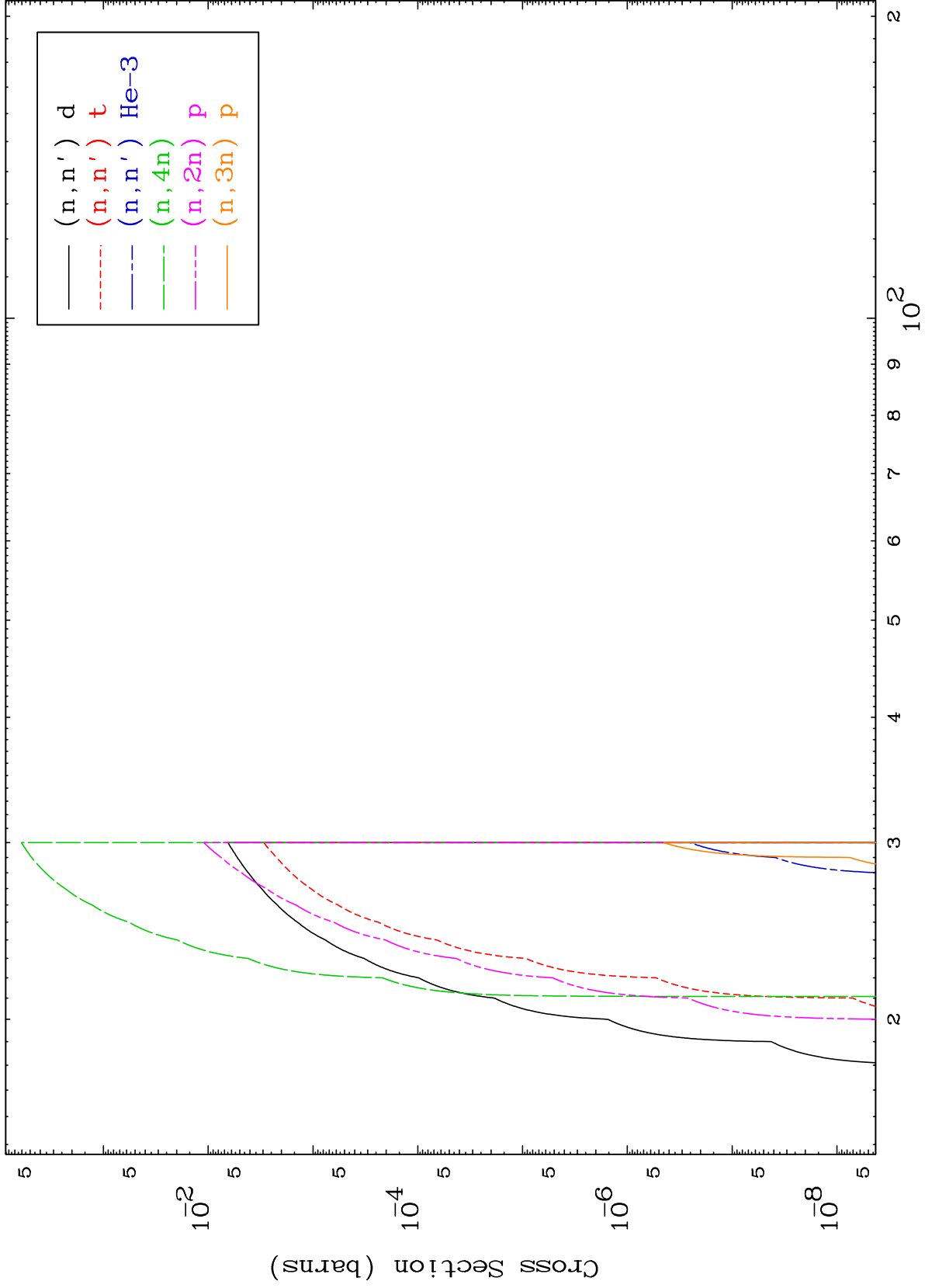
MAT 5059

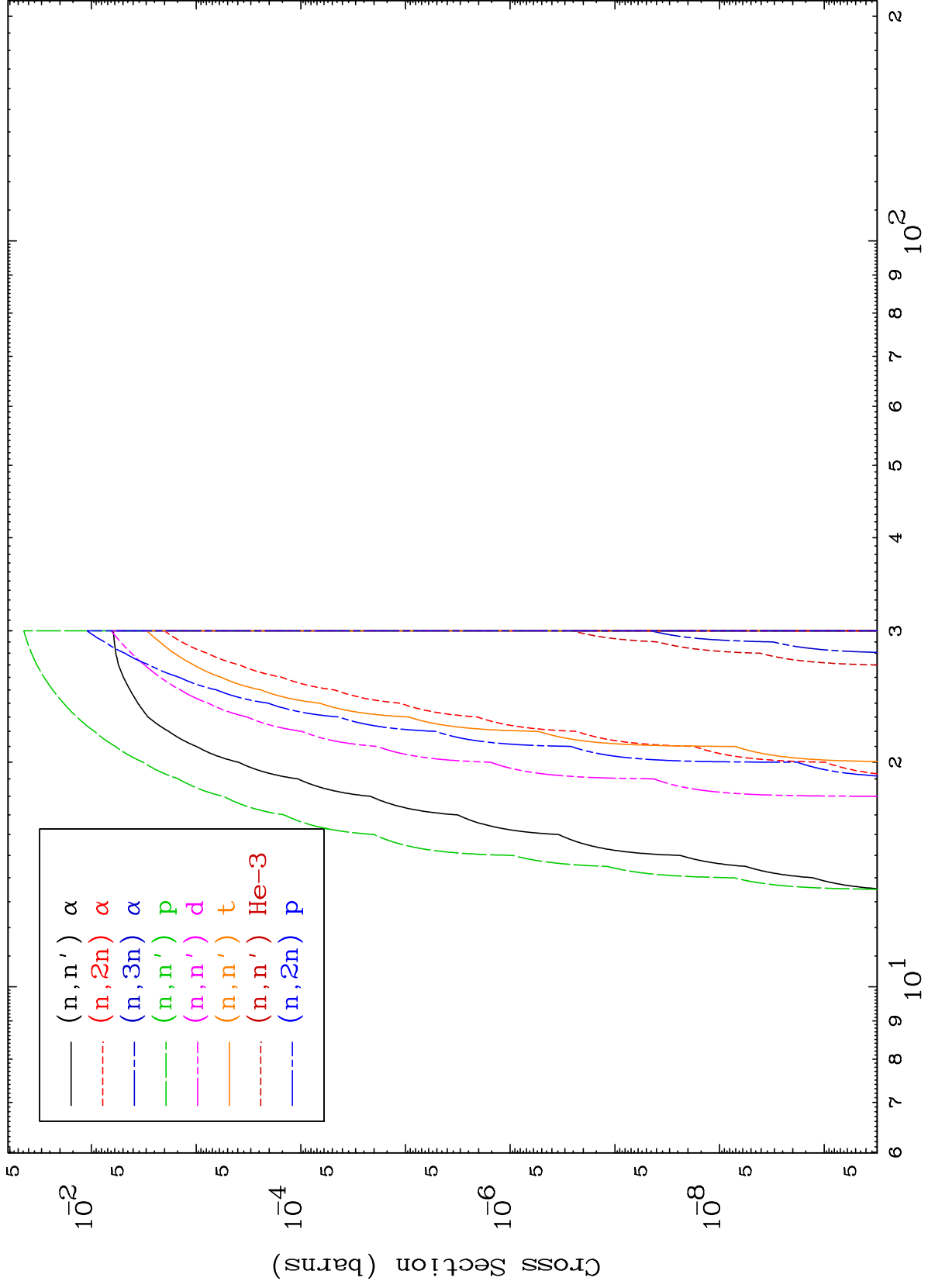
Major
293 Kelvin Cross Sections

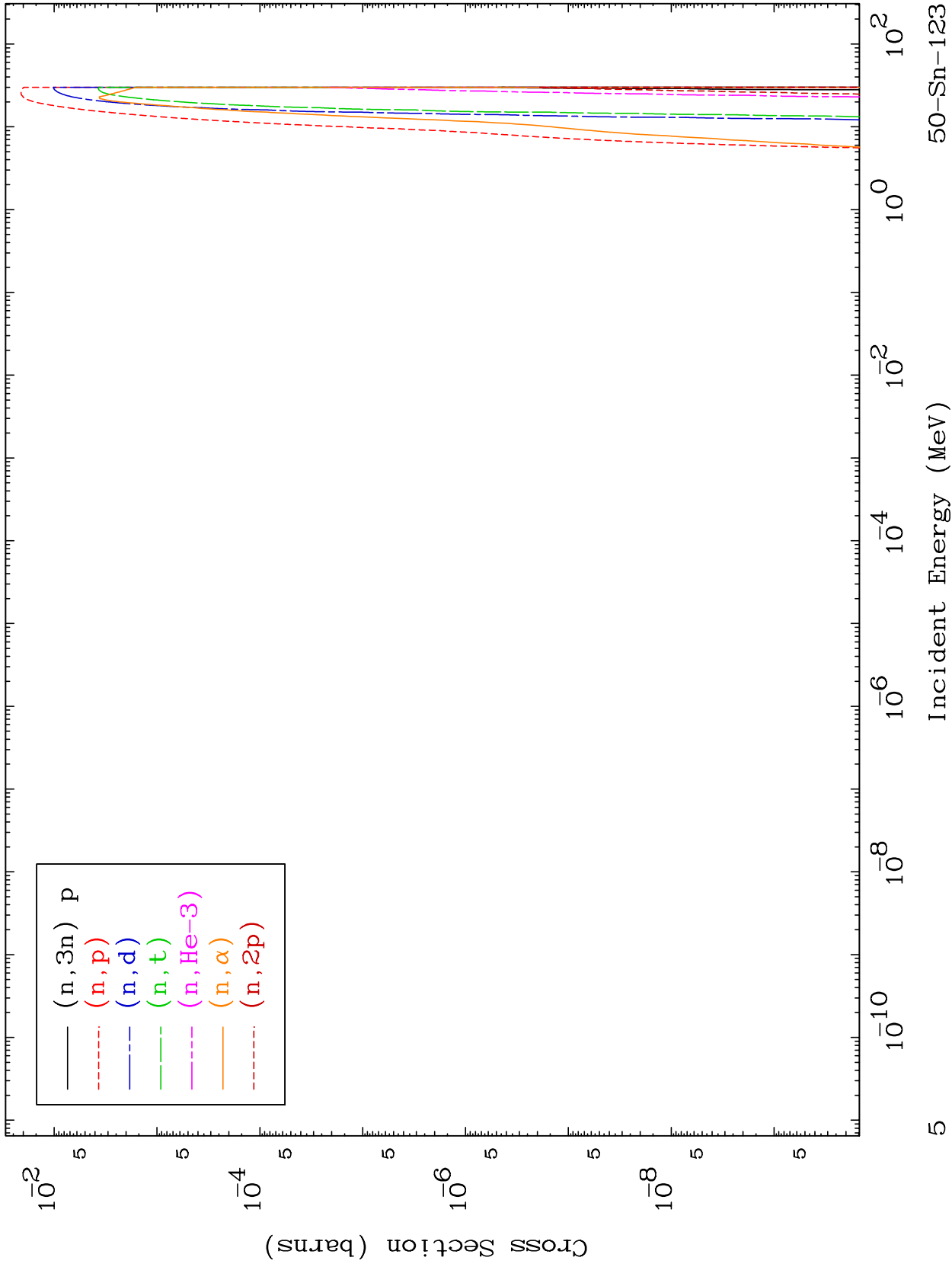
50-Sn-123







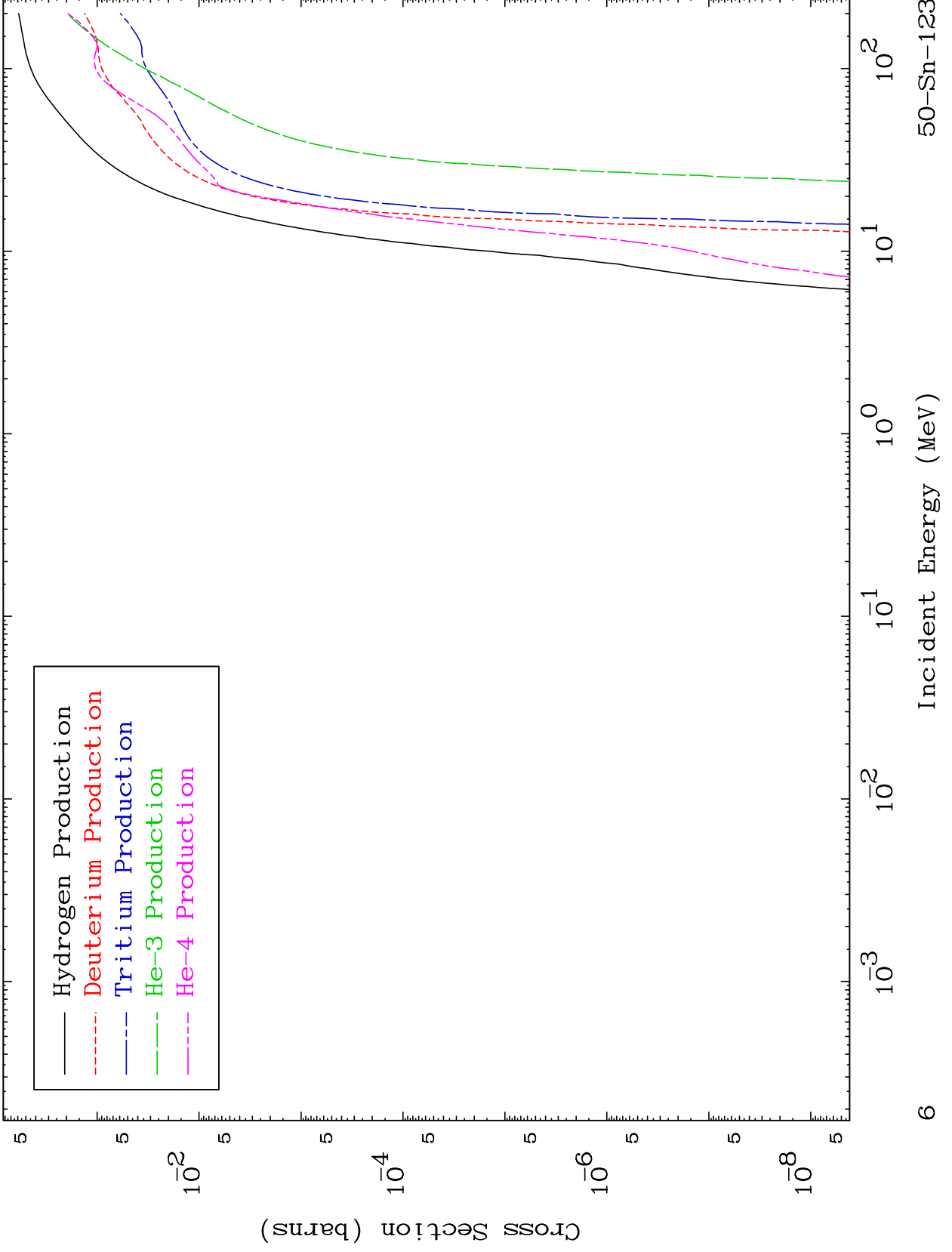




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Particle Production
293 Kelvin Cross Sections

50-Sn-123



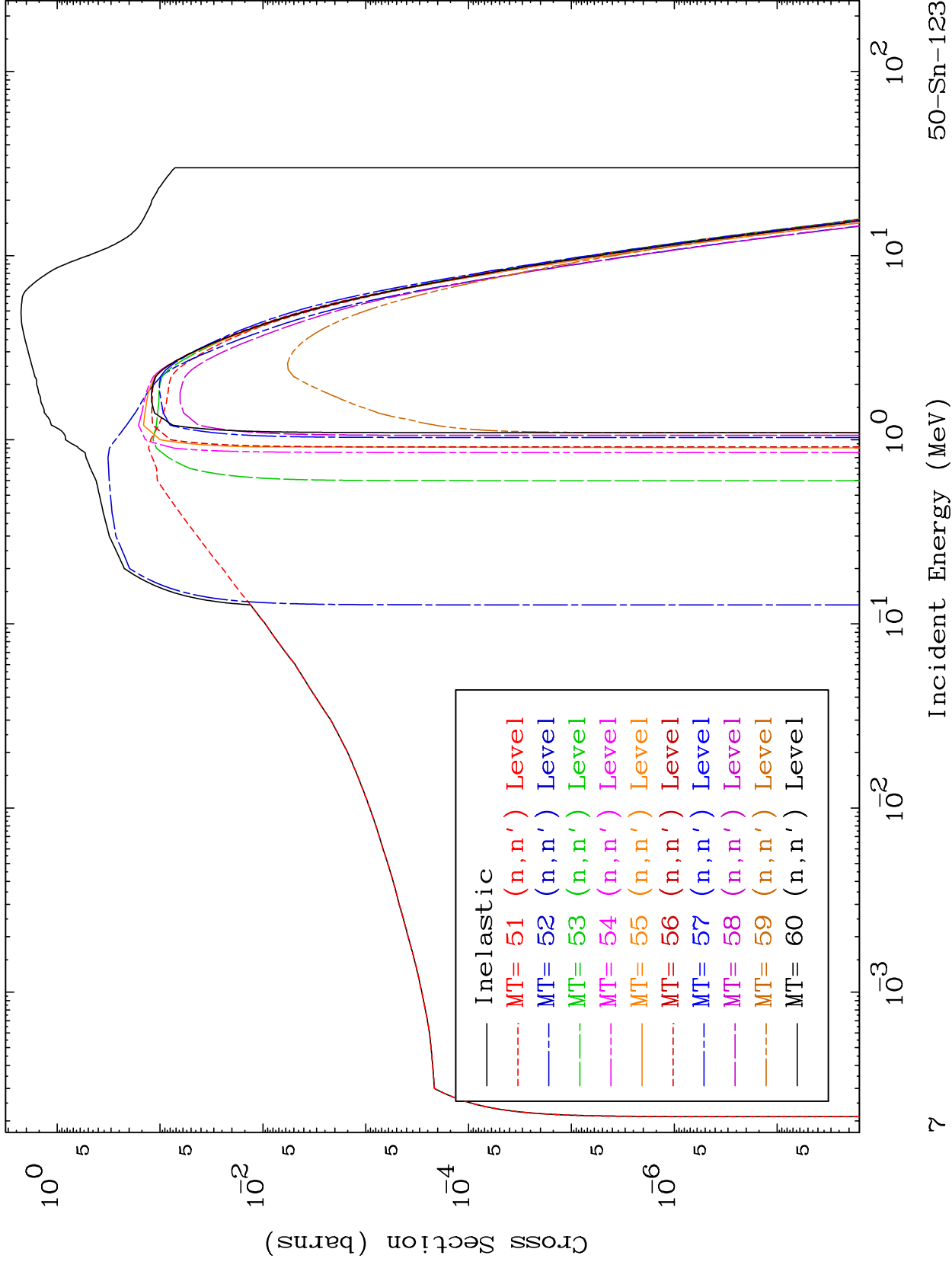
6

50-Sn-123

MAT 5059

(n,n') Level
293 Kelvin Cross Sections

50-Sn-123

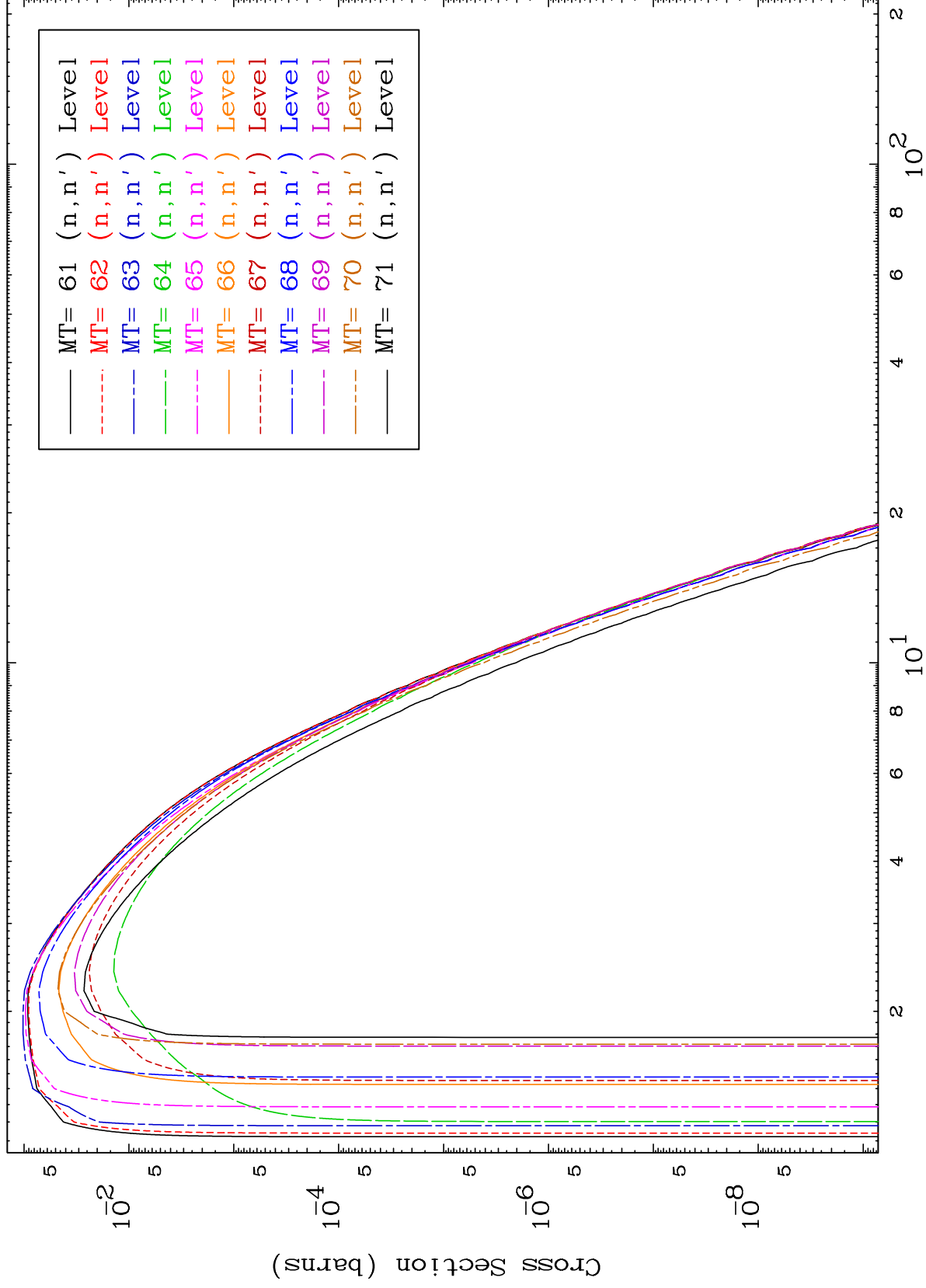


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(n,n') Level

50-Sn-123

293 Kelvin Cross Sections



8

Incident Energy (MeV)

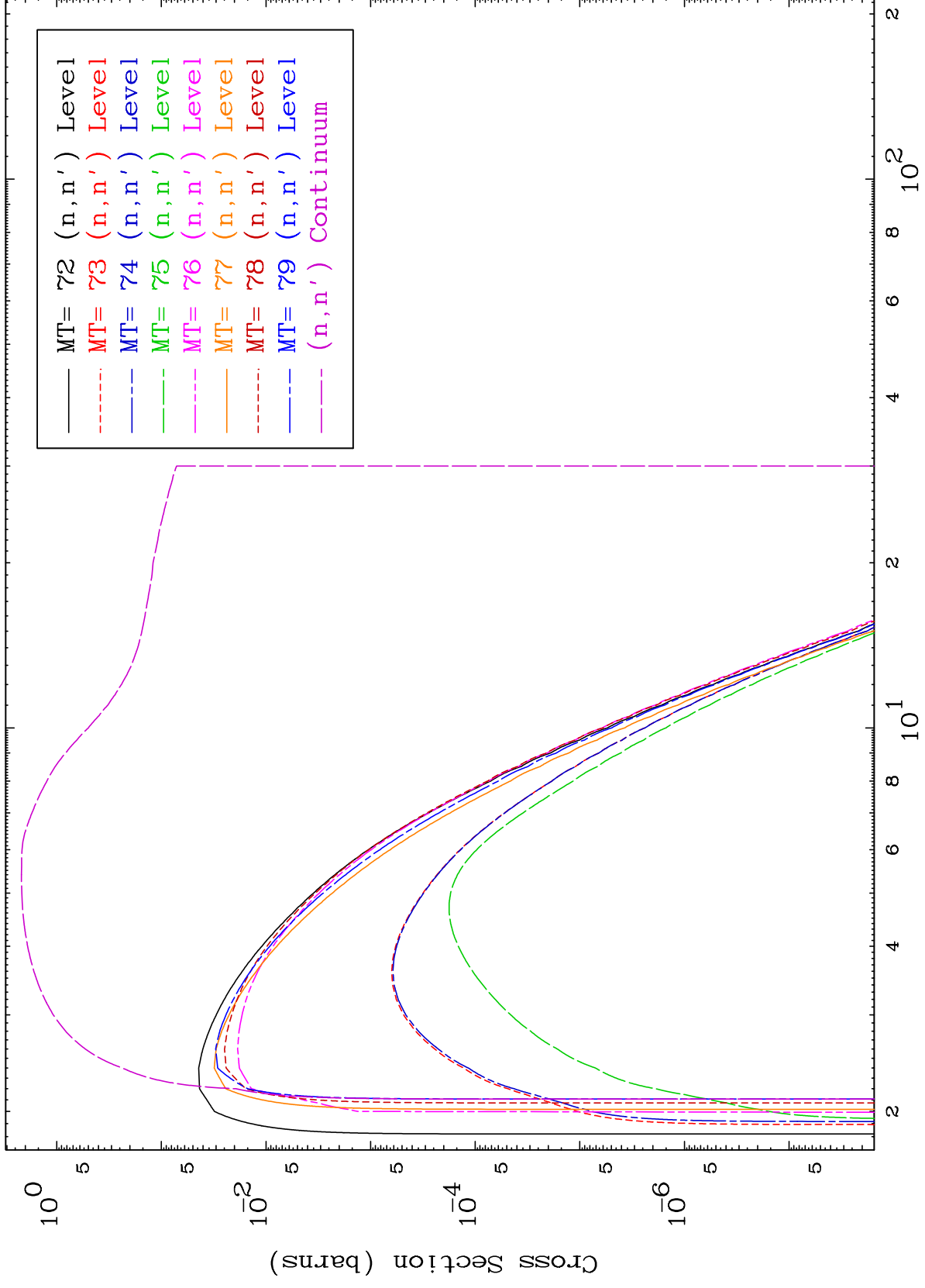
50-Sn-123

MAT 5059

(n,n') Level

50-Sn-123

293 Kelvin Cross Sections



9

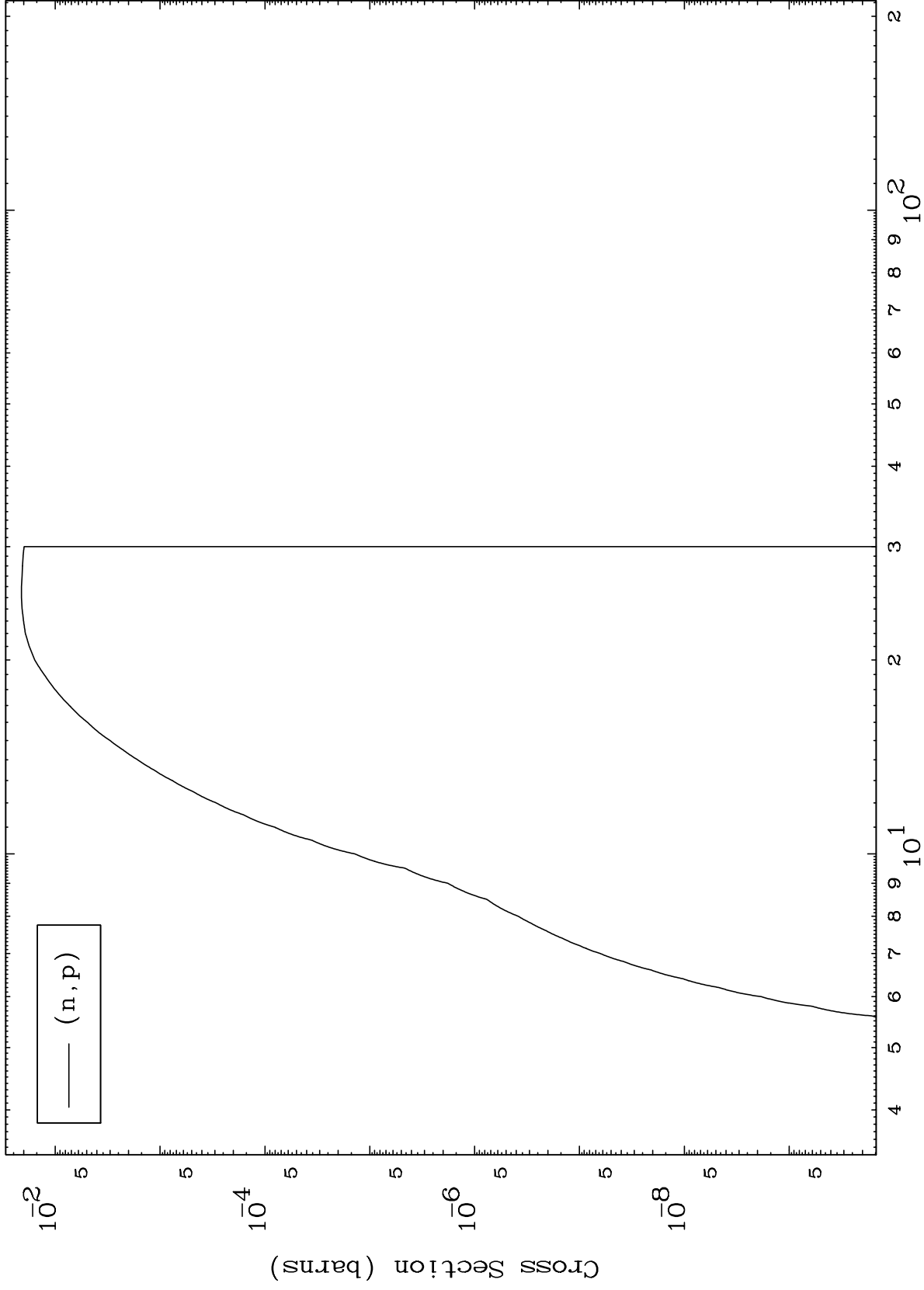
Incident Energy (MeV)

50-Sn-123

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(n,p) Levels
293 Kelvin Cross Sections

50-Sn-123



10

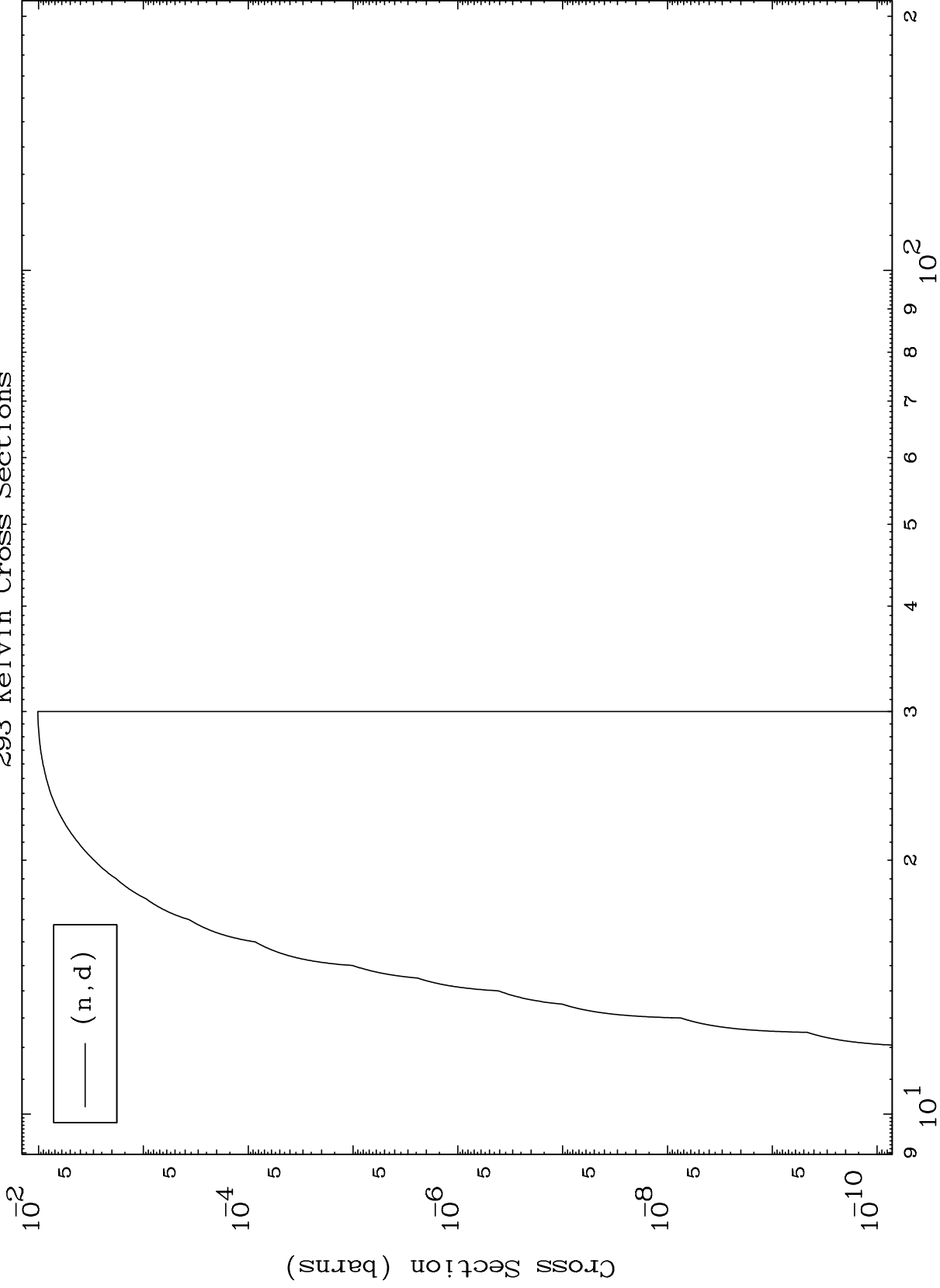
Incident Energy (MeV)

50-Sn-123

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(n,d) Levels
293 Kelvin Cross Sections

50-Sn-123



11

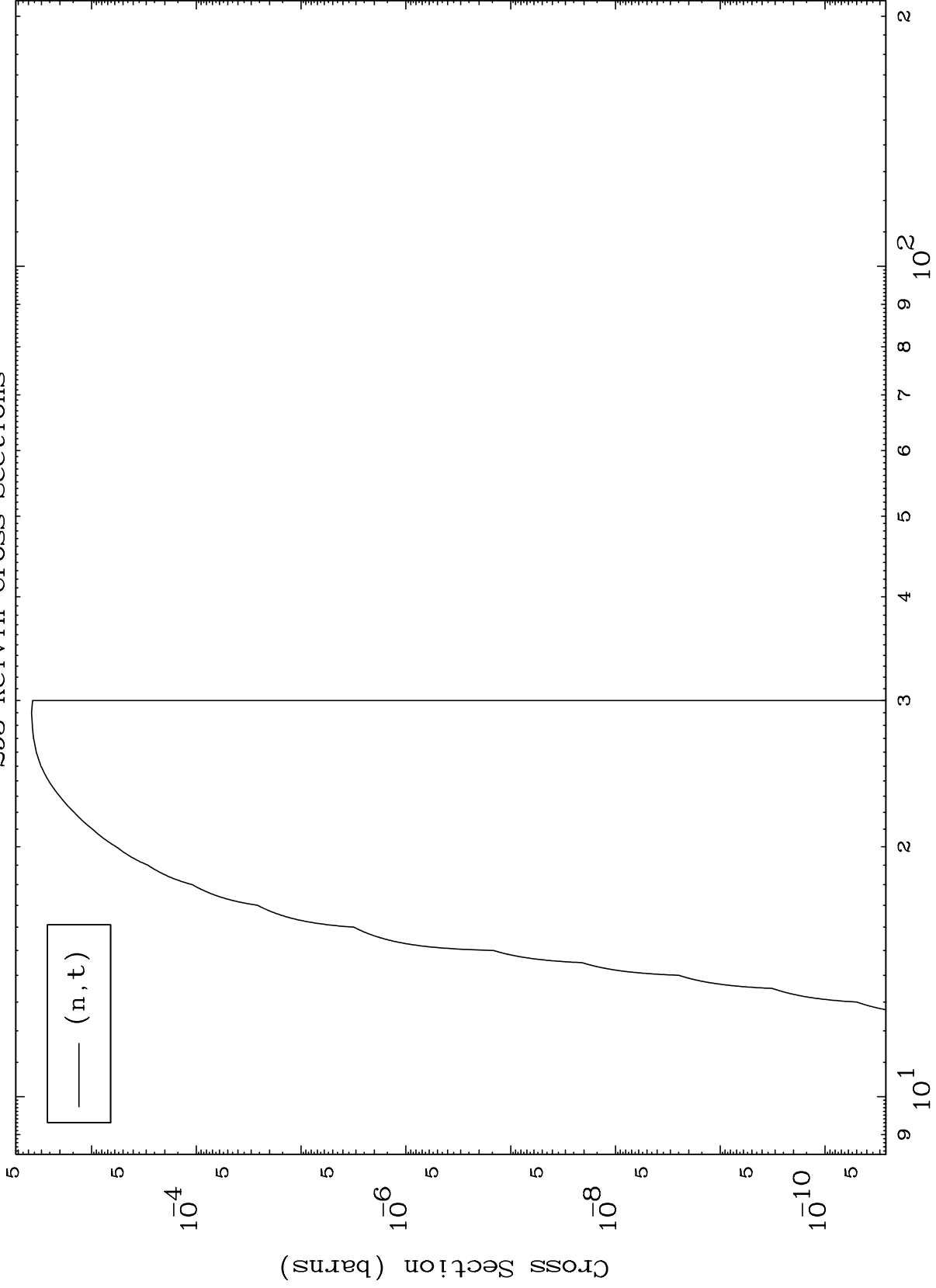
Incident Energy (MeV)

50-Sn-123

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(n,t) Levels
293 Kelvin Cross Sections

50-Sn-123



Incident Energy (MeV)

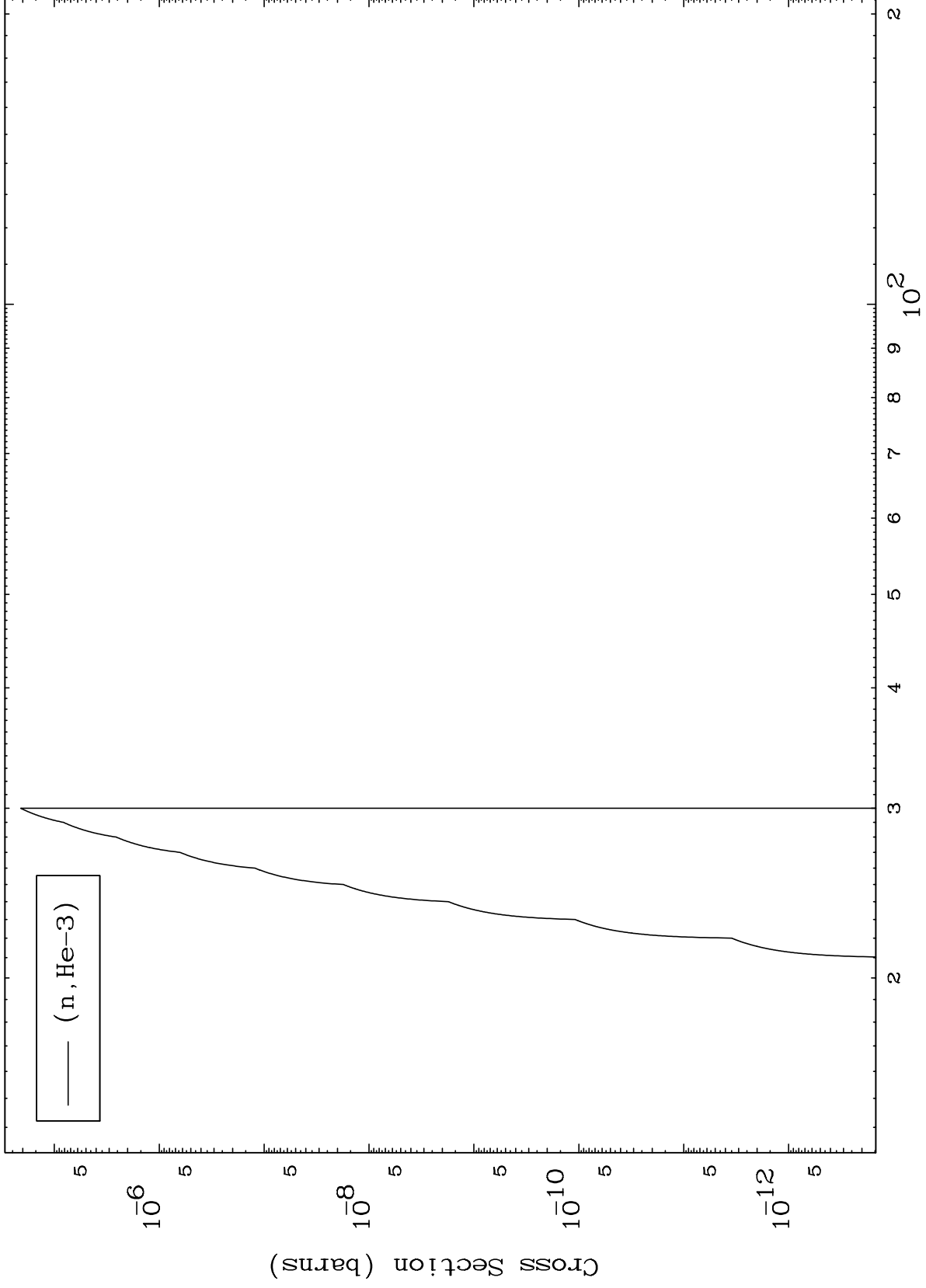
50-Sn-123

12

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(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-123



13

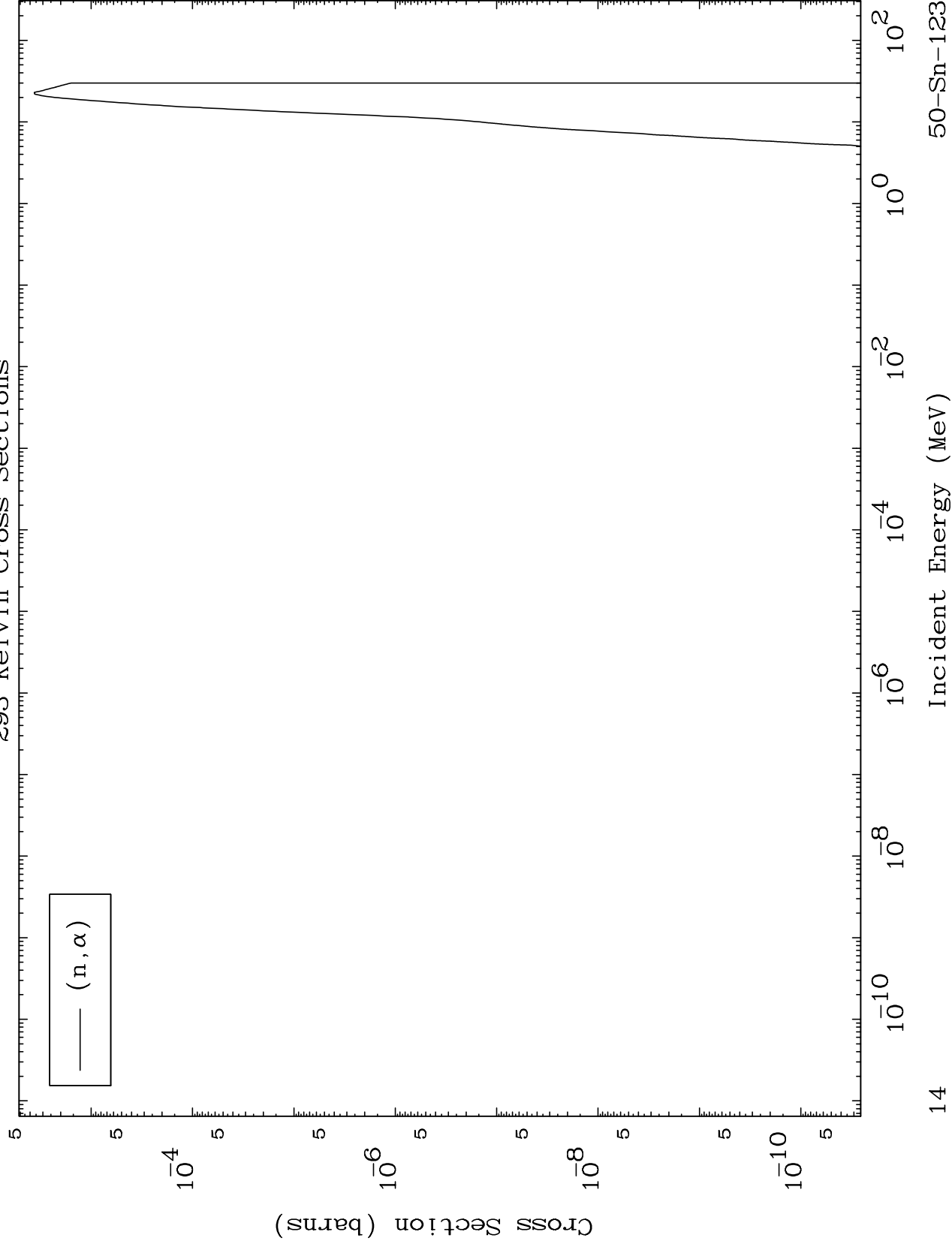
Incident Energy (MeV)

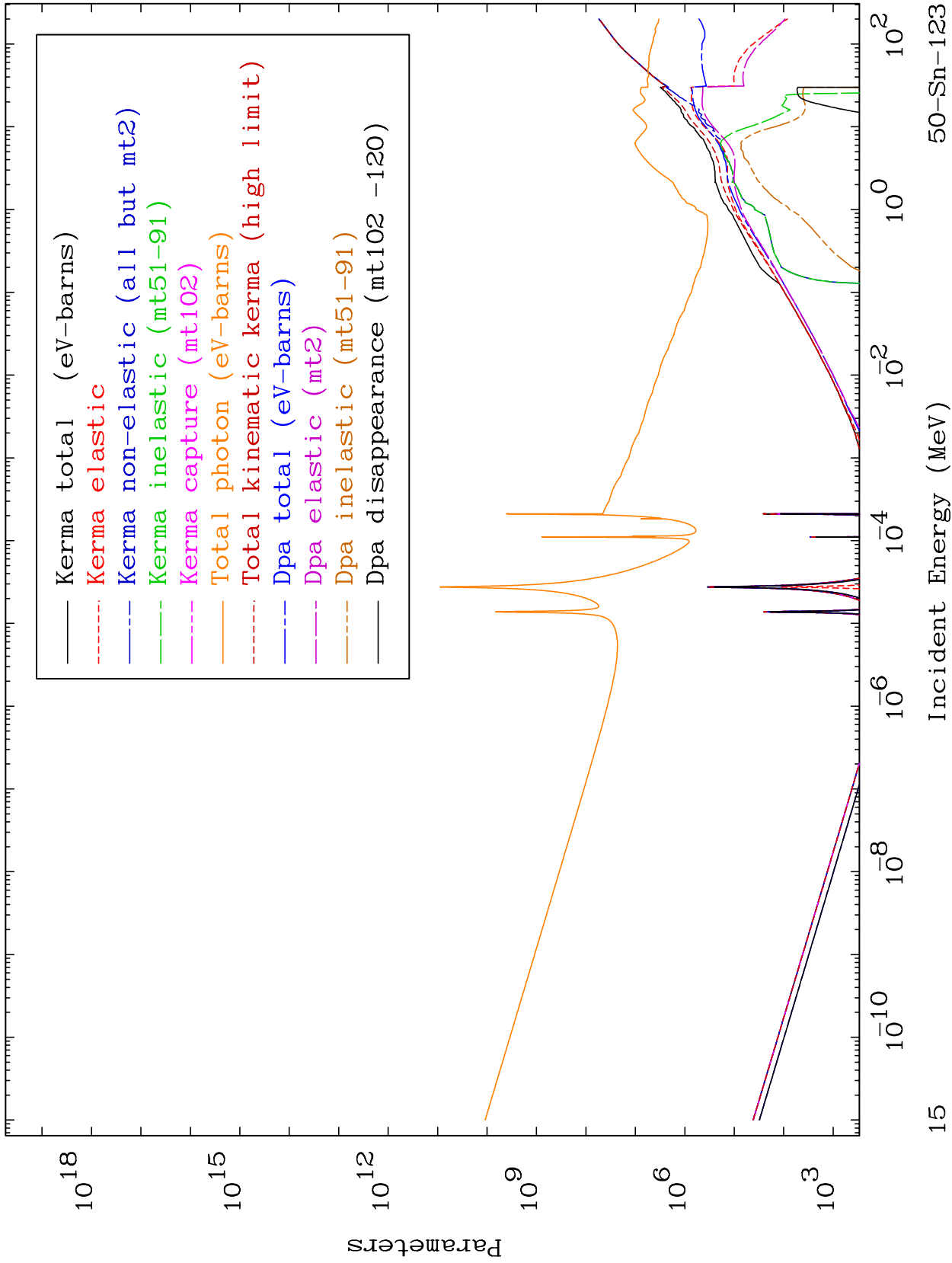
50-Sn-123

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(n, α) Levels
293 Kelvin Cross Sections

50-Sn-123

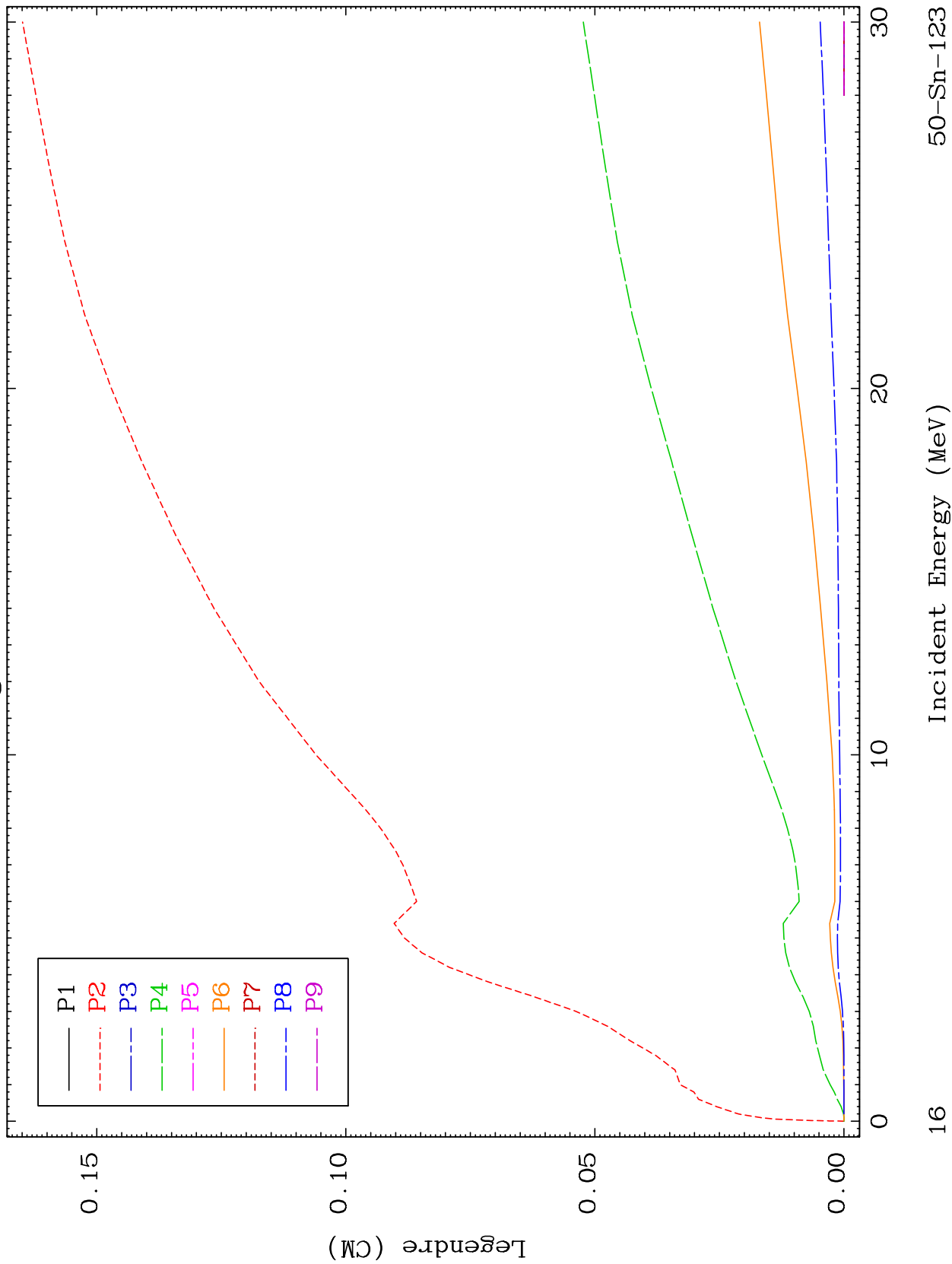




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Elastic Legendre Coefficients

50-Sn-123



50-Sn-123

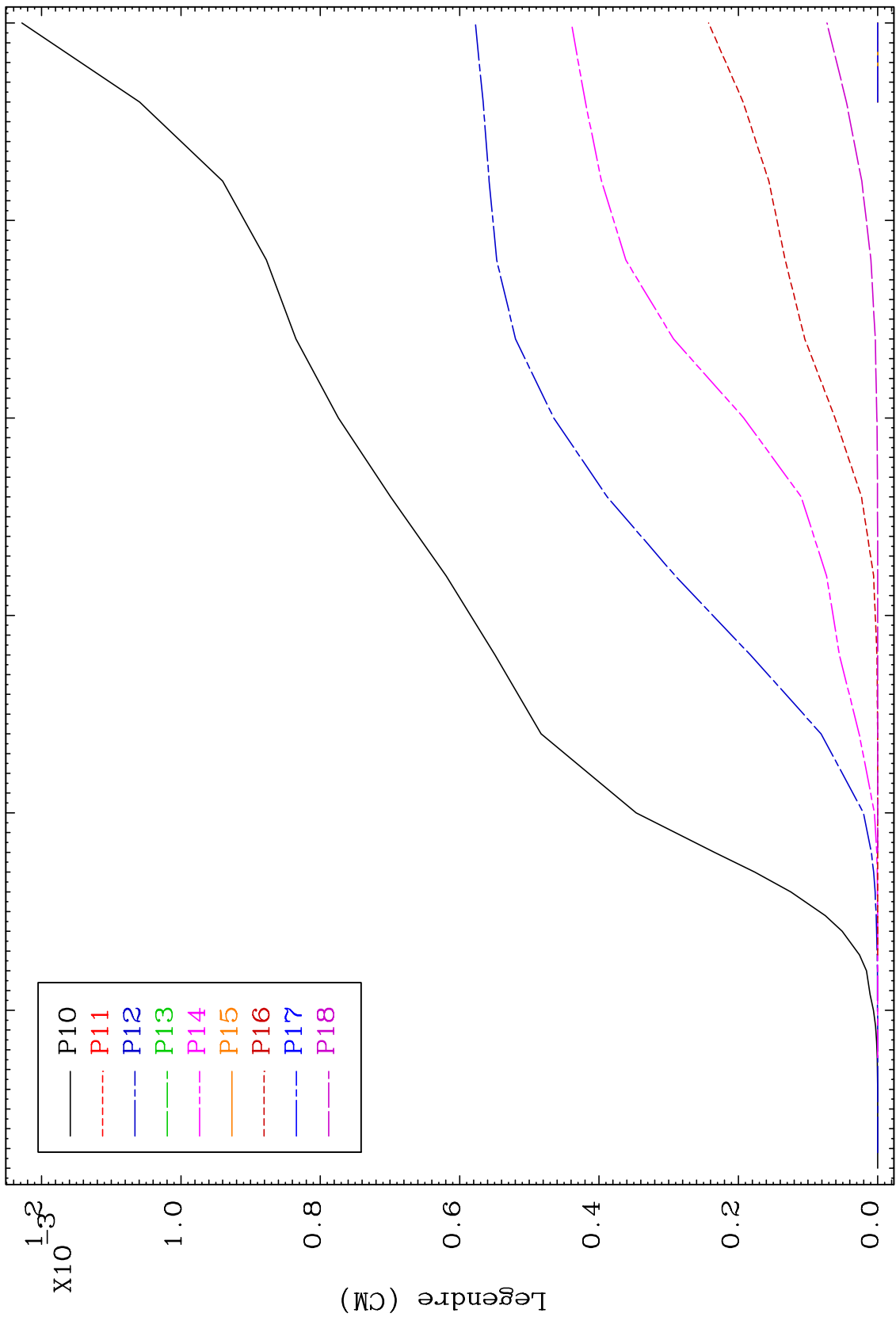
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

50-Sn-123



17

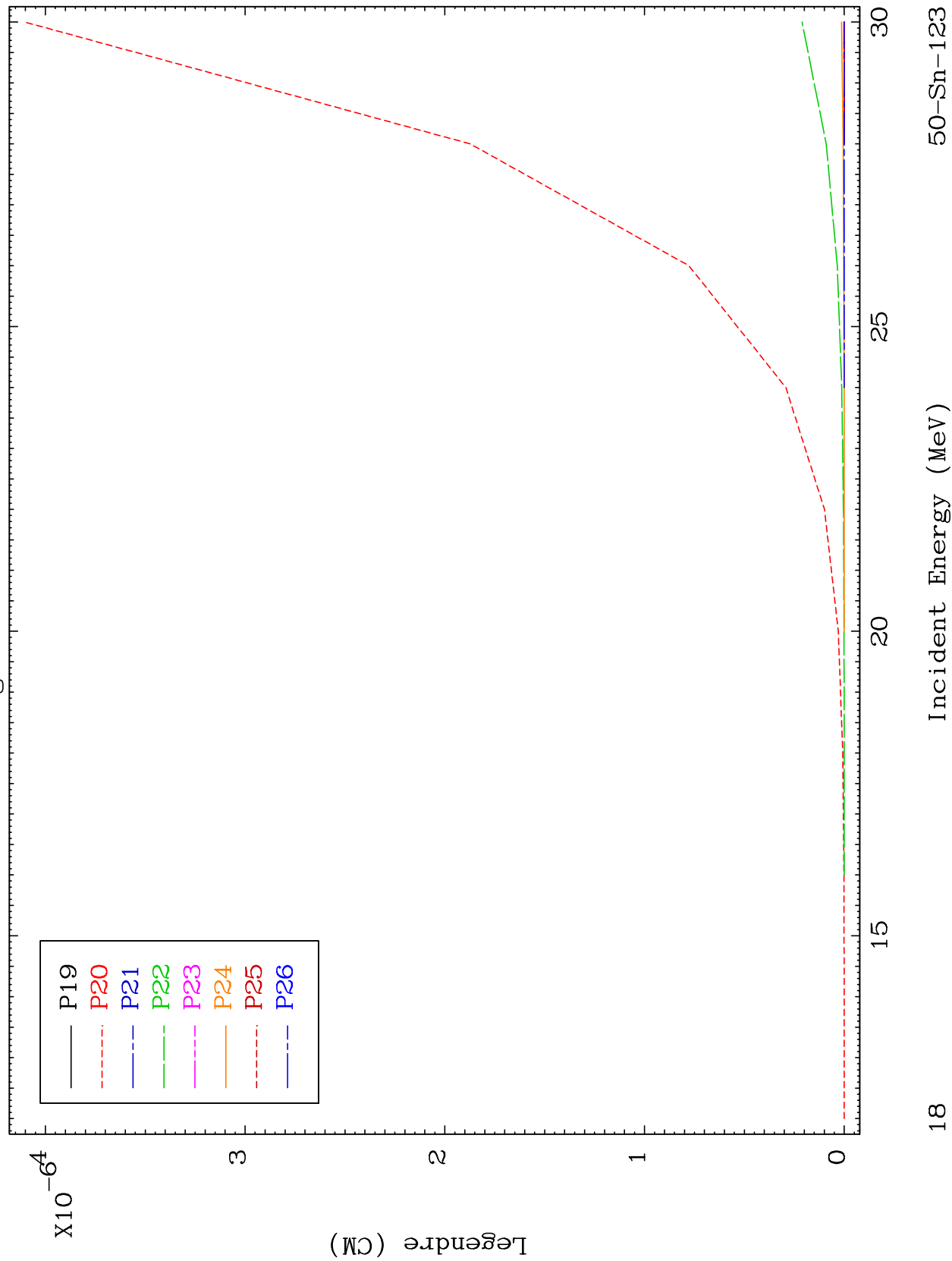
50-Sn-123

Incident Energy (MeV)

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Elastic
Legendre Coefficients

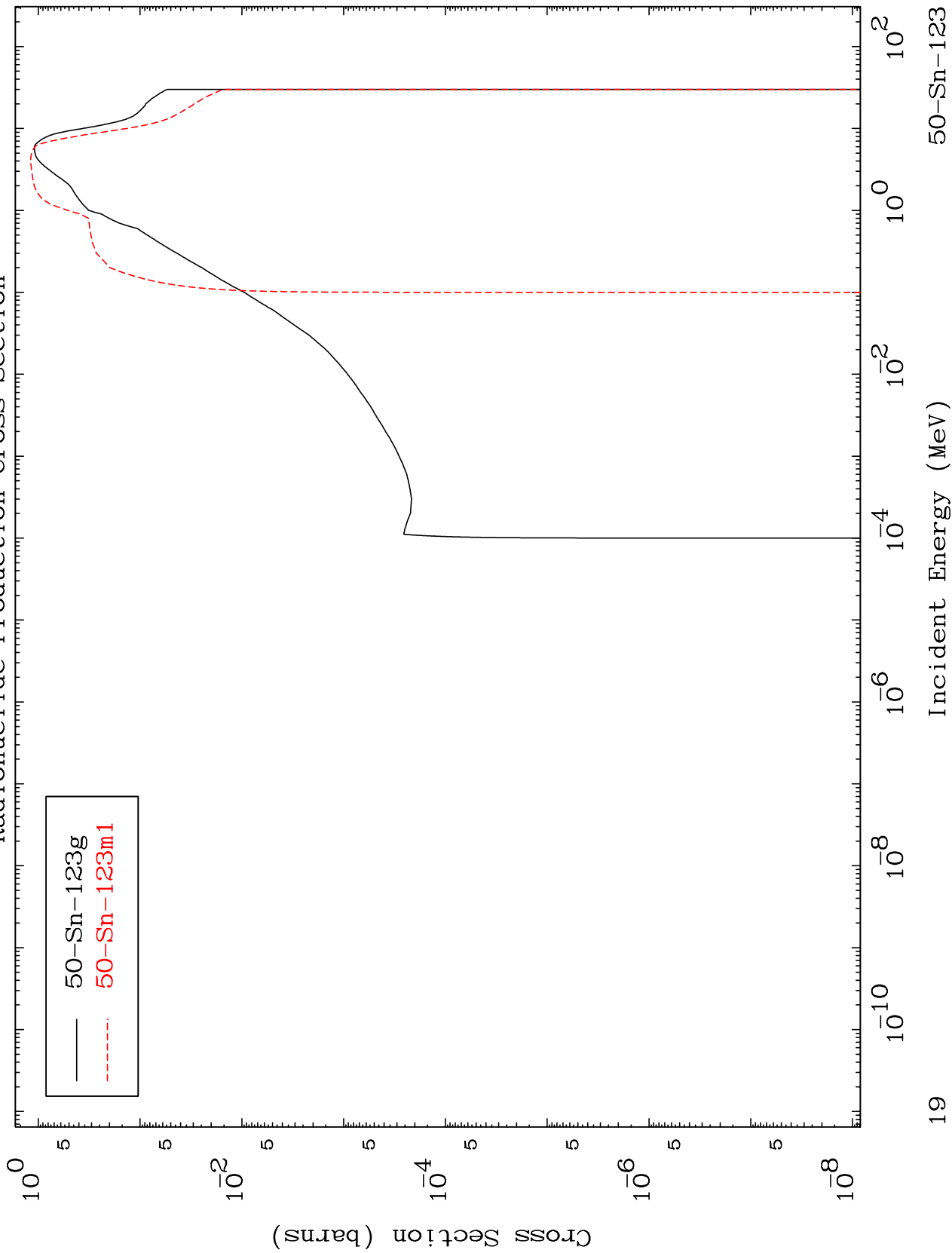
50-Sn-123



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50-Sn-123

Inelastic
Radionuclide Production Cross Section



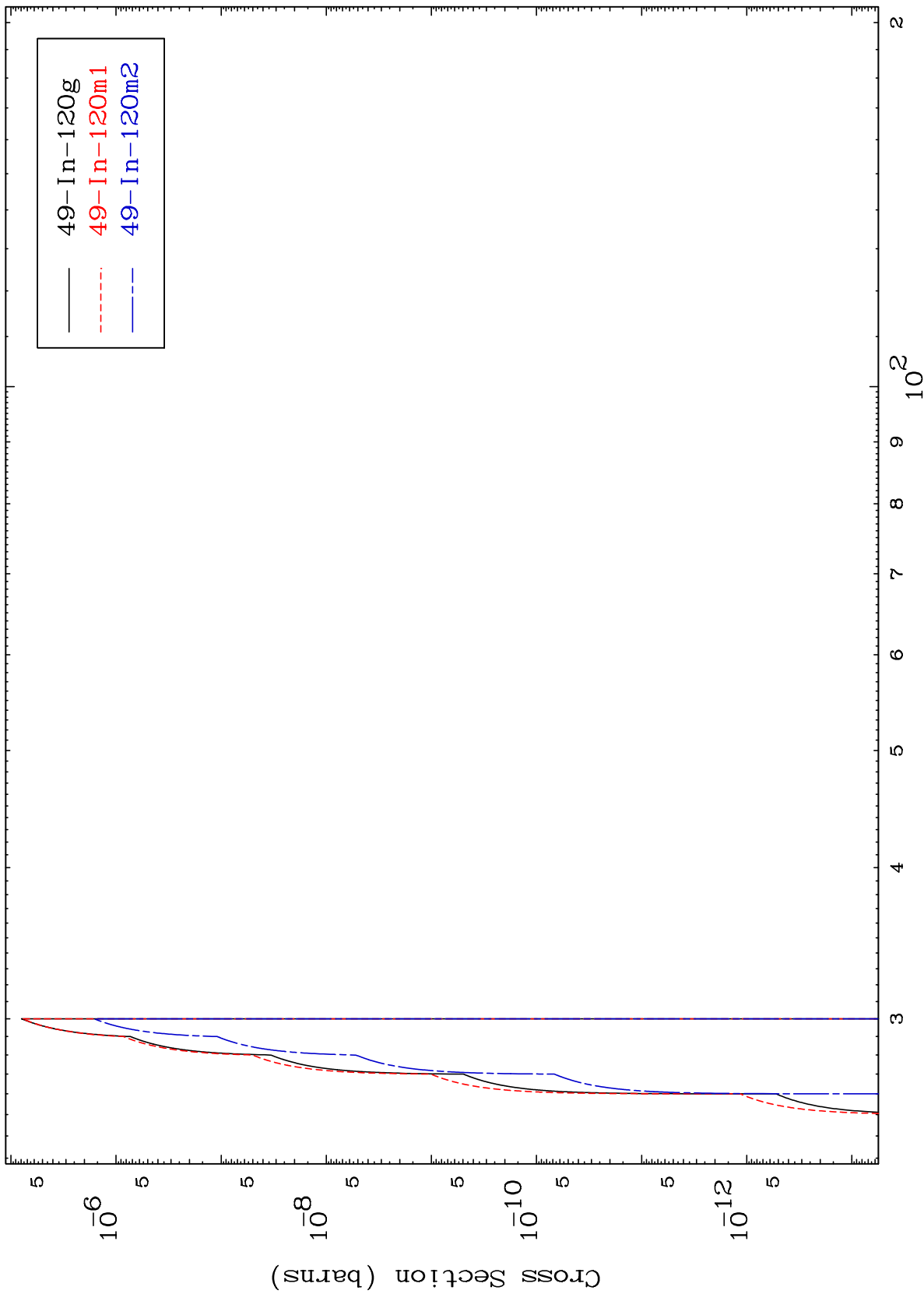
50-Sn-123g
50-Sn-123m1

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(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



20

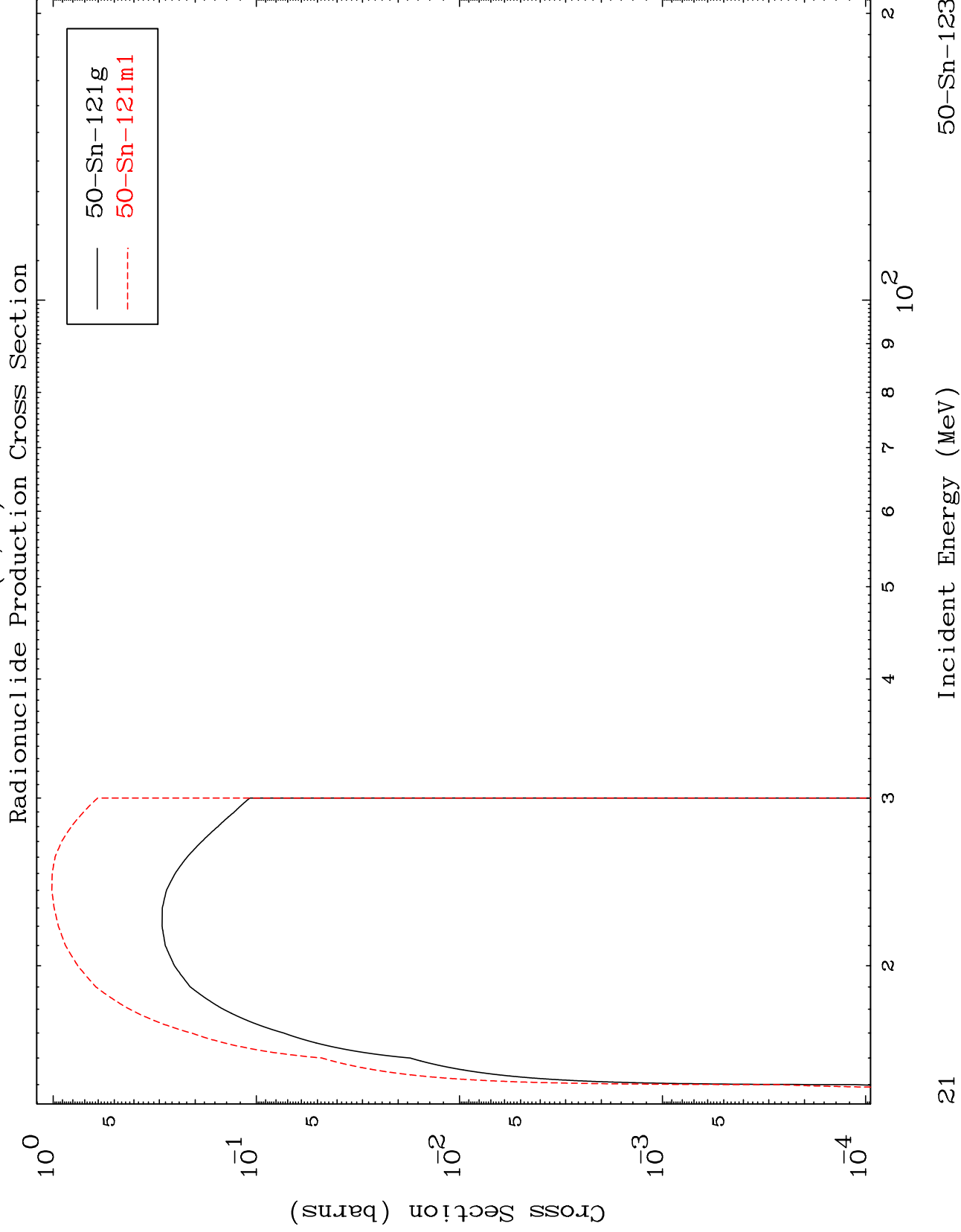
Incident Energy (MeV)

50-Sn-123

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(n,3n)

50-Sn-123



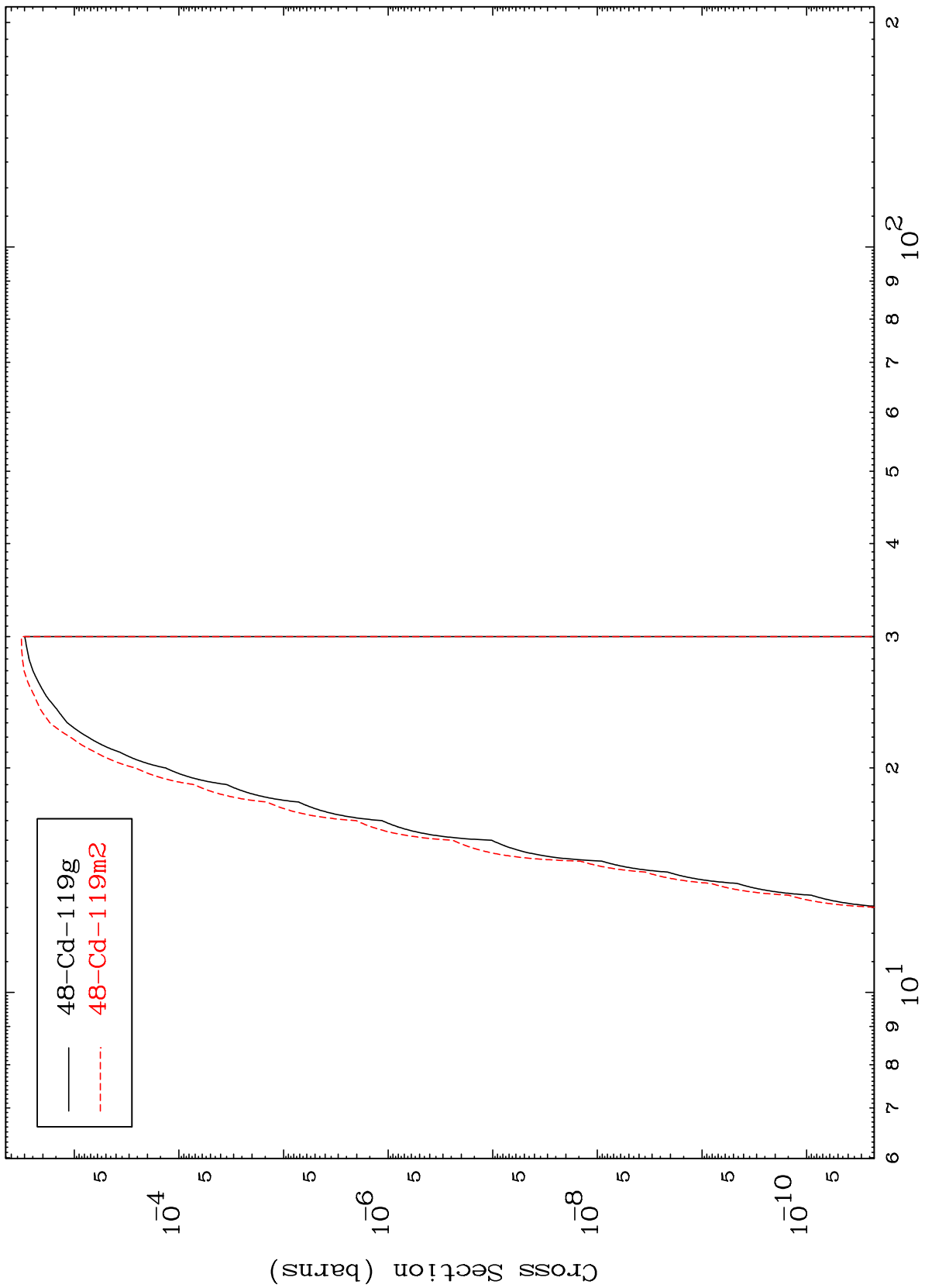
21

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50-Sn-123

(n,n') α

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

22

Incident Energy (MeV)

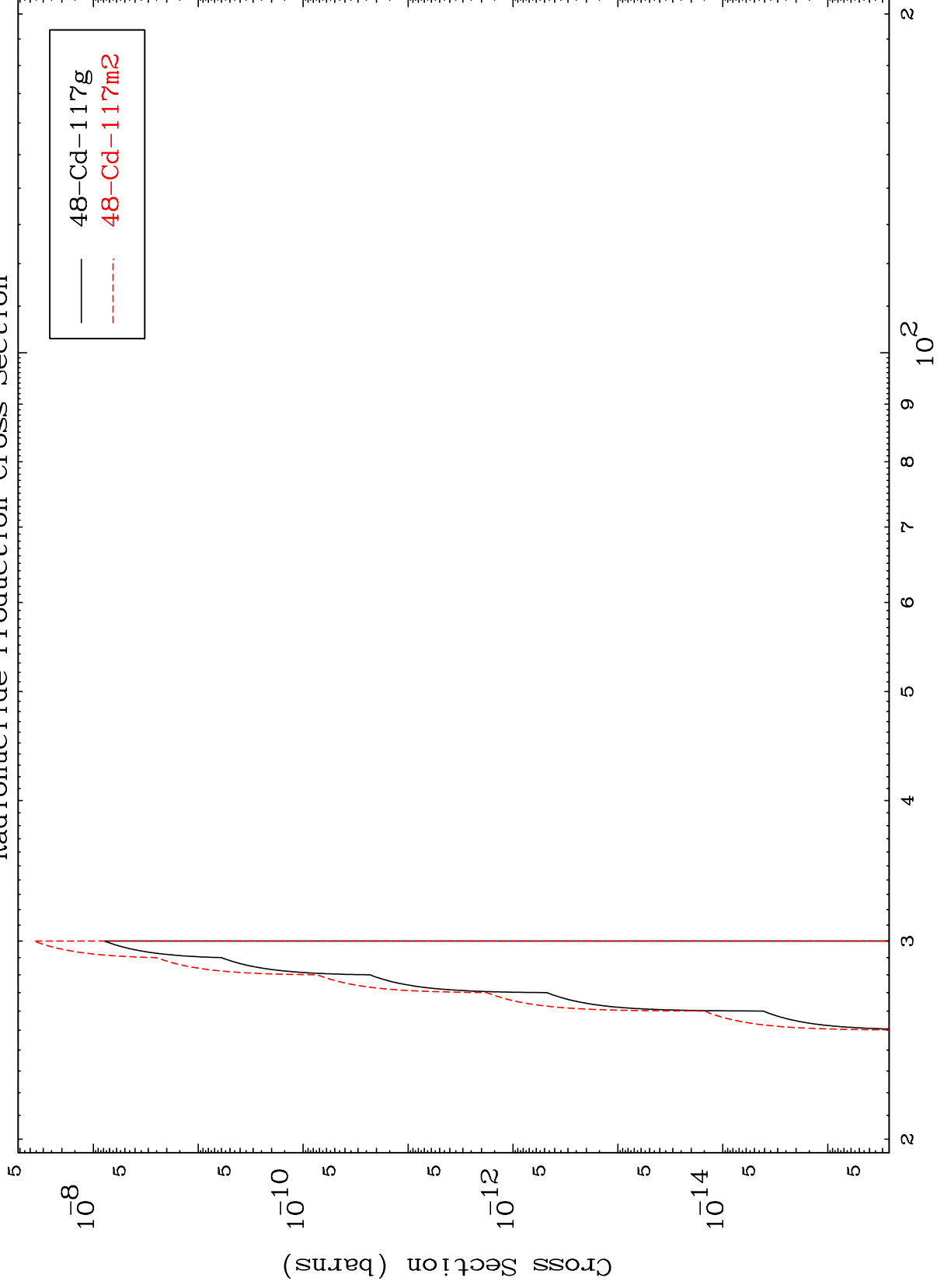
50-Sn-123

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$(n,3n) \alpha$

50-Sn-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

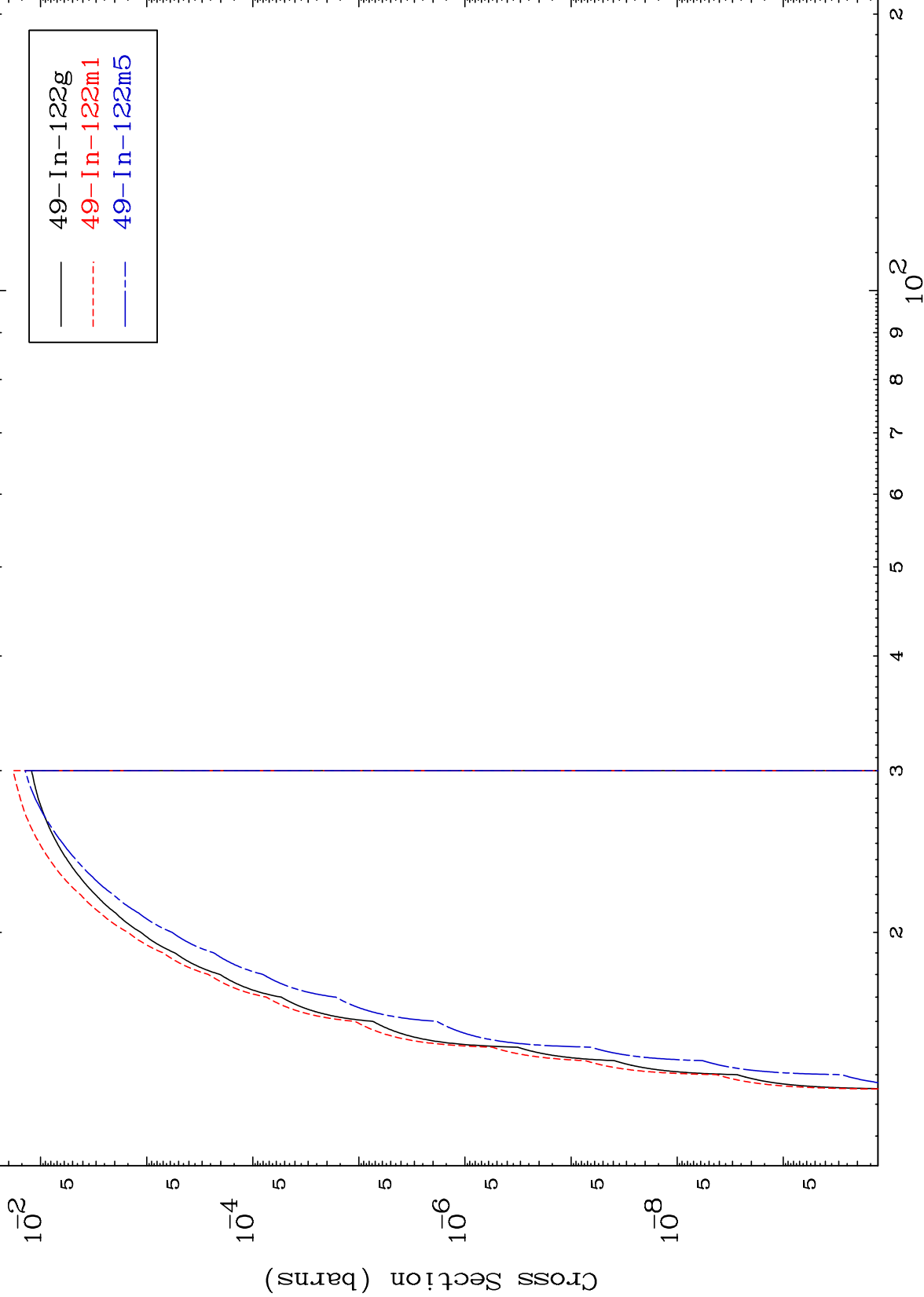
50-Sn-123

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(n,n') p

50-Sn-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

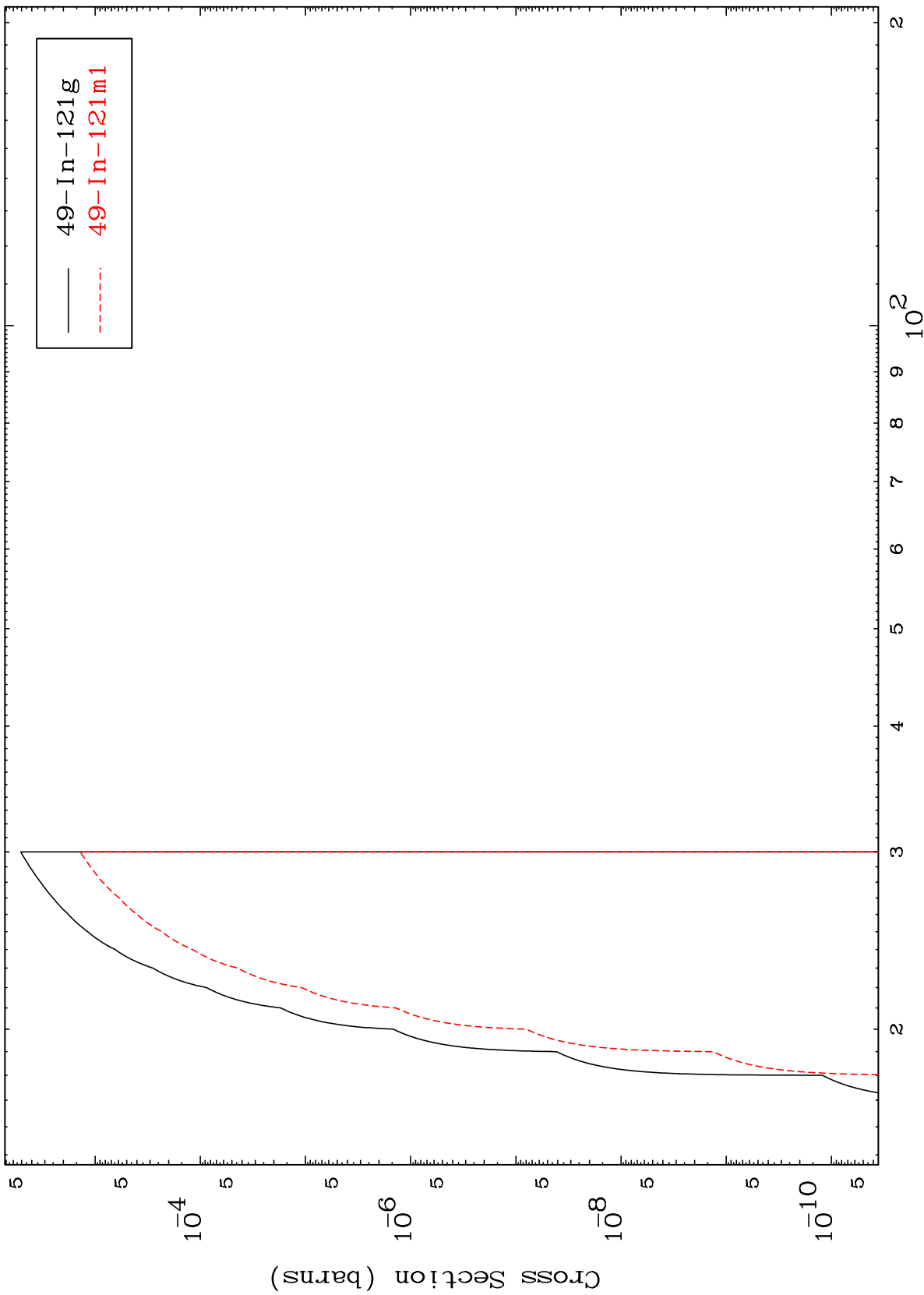
50-Sn-123

MAT 5059

(n,n') d

50-Sn-123

Radionuclide Production Cross Section

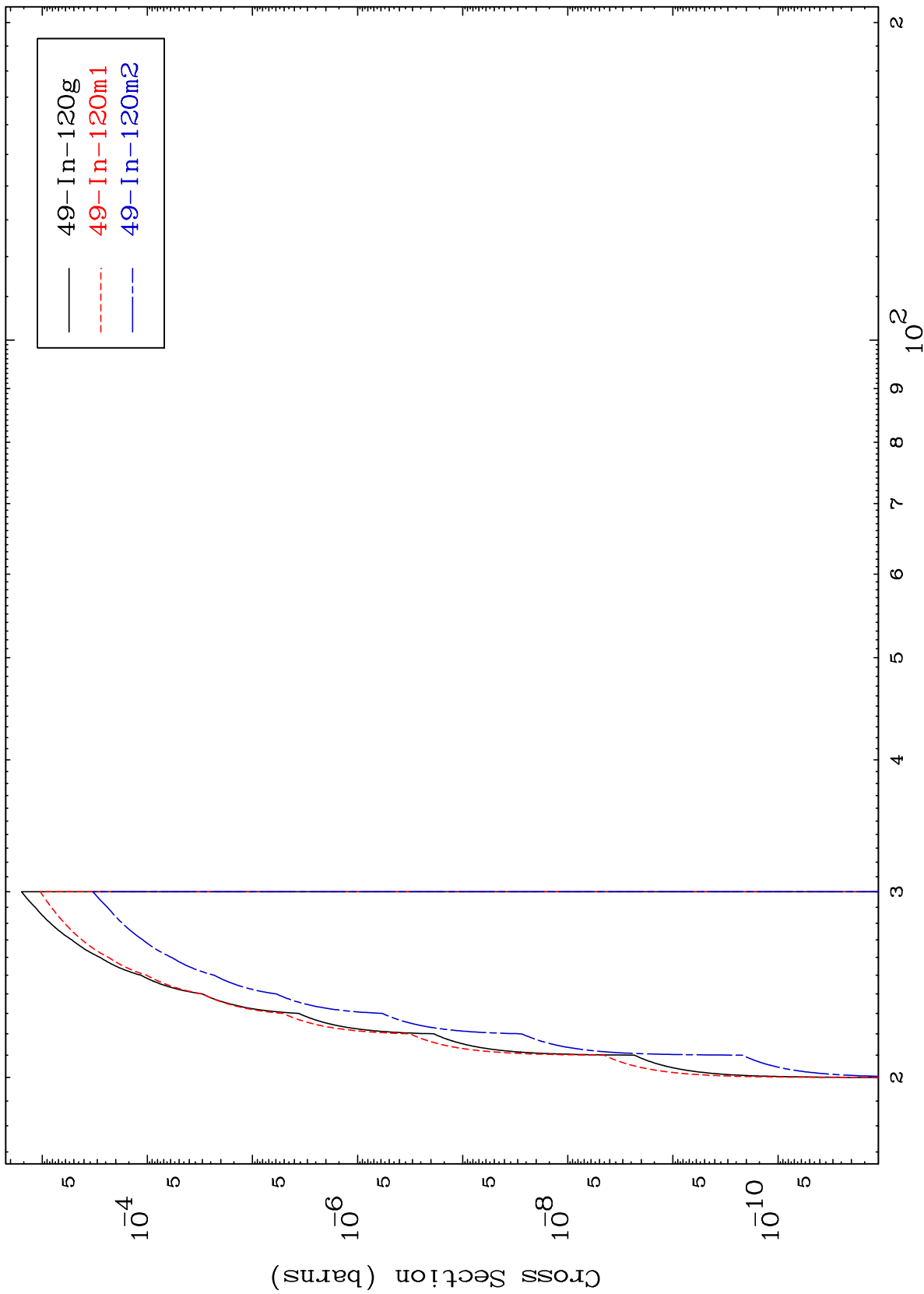


25

Incident Energy (MeV)

50-Sn-123

Radionuclide Production Cross Section

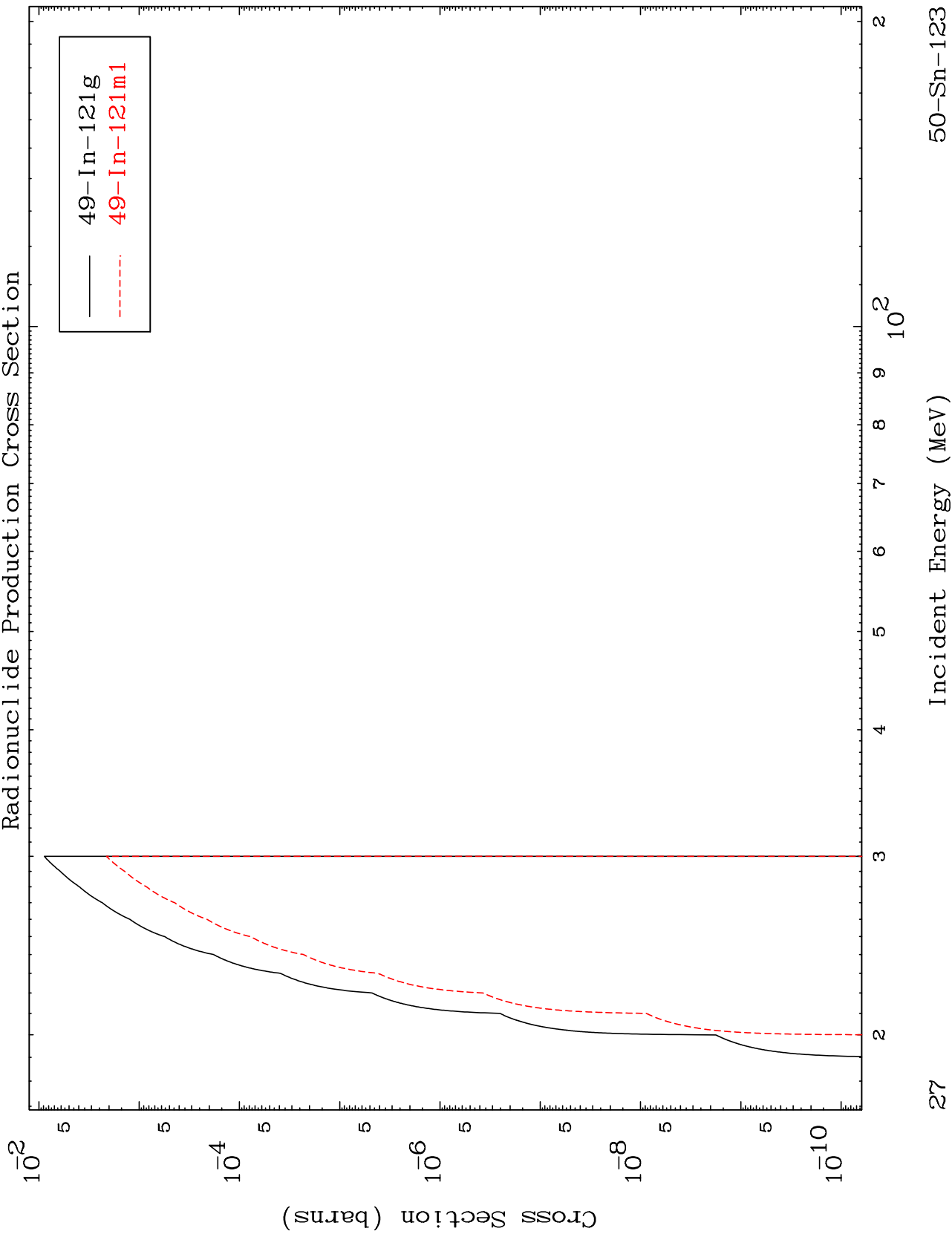


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(n,2n) p

50-Sn-123

Radionuclide Production Cross Section



27

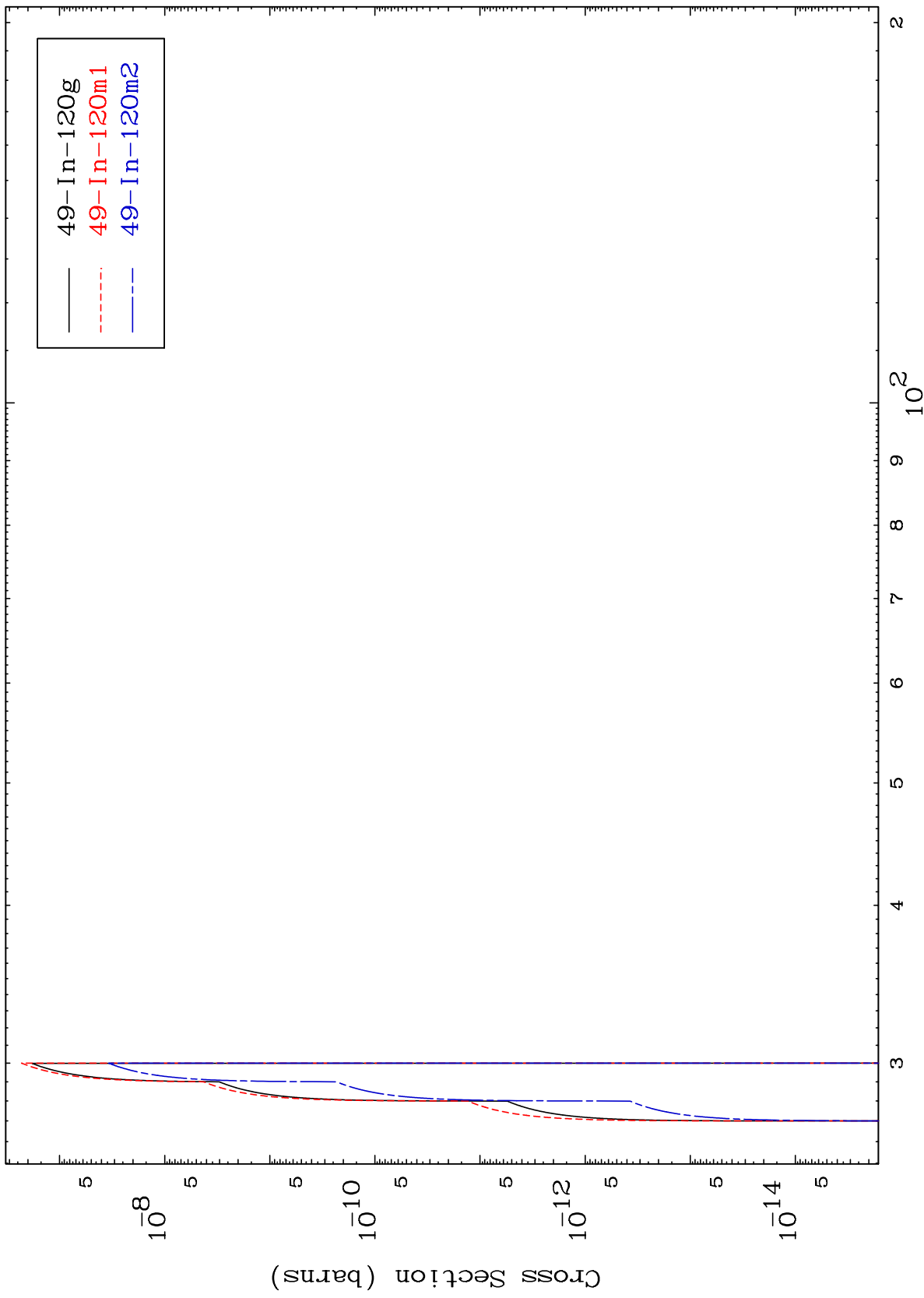
50-Sn-123

Incident Energy (MeV)

MAT 5059

50-Sn-123

(n,3n) p
Radionuclide Production Cross Section



50-Sn-123

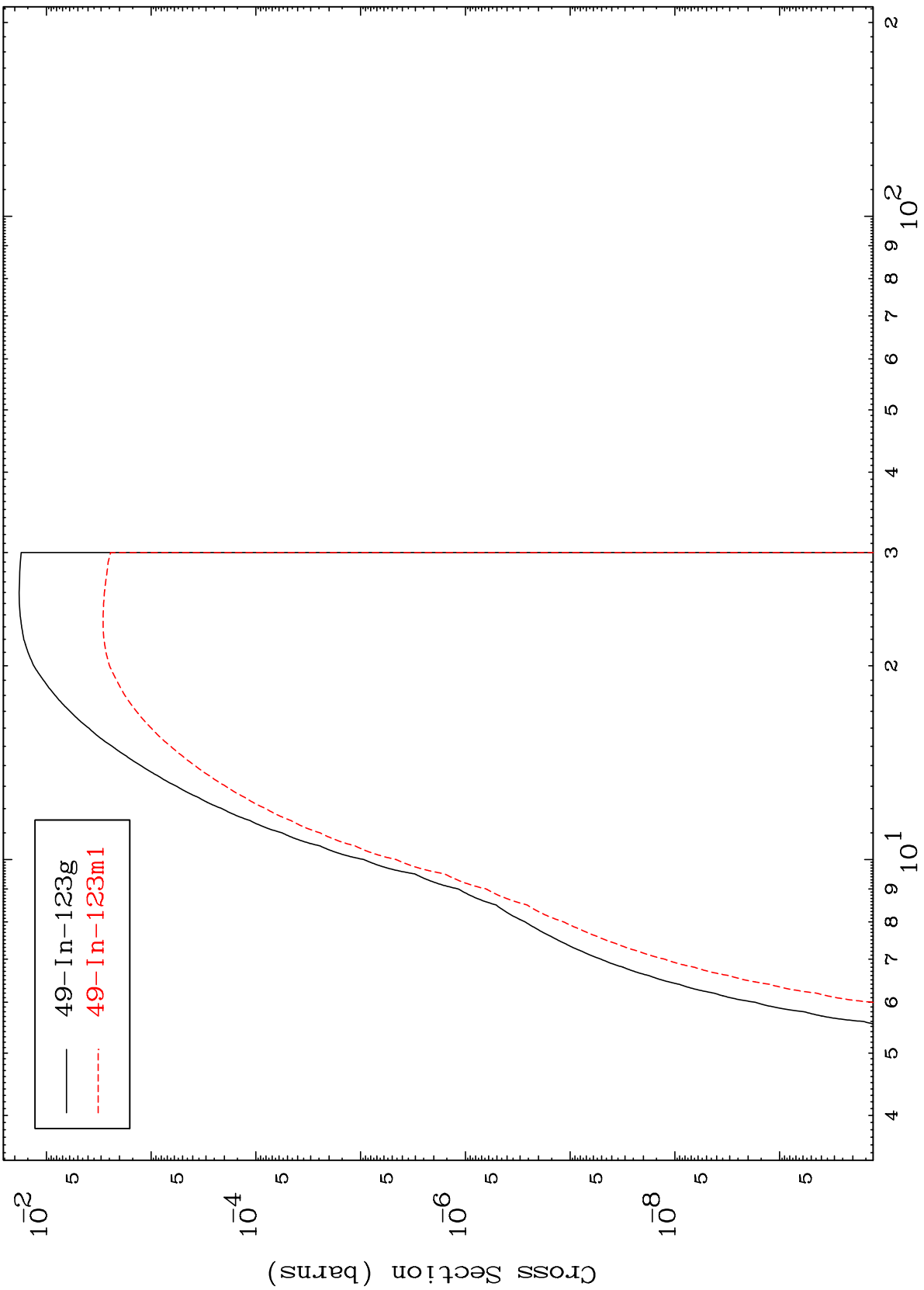
Incident Energy (MeV)

28

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50-Sn-123

(n,p)
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

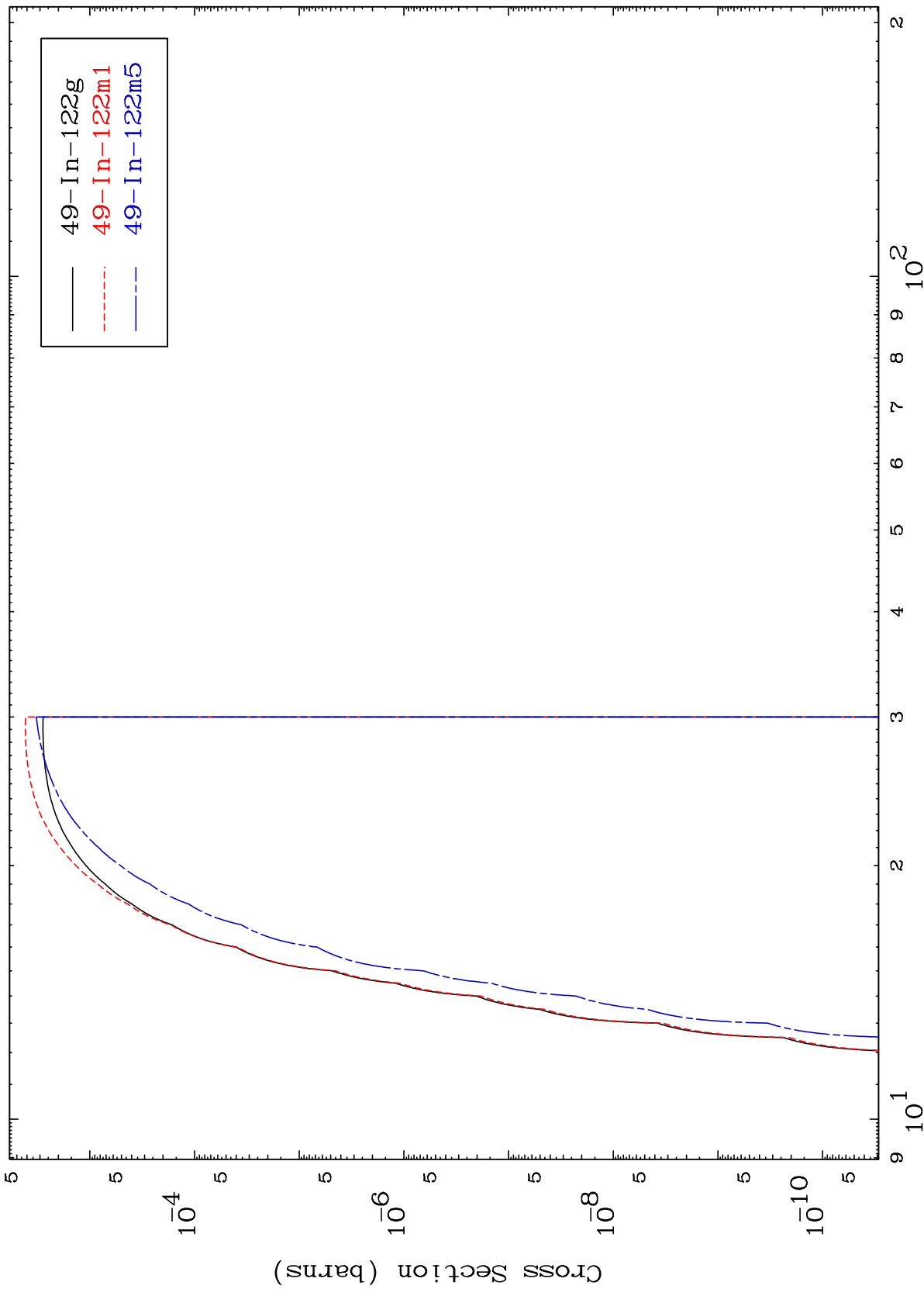
29

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(n,d)

50-Sn-123

Radionuclide Production Cross Section



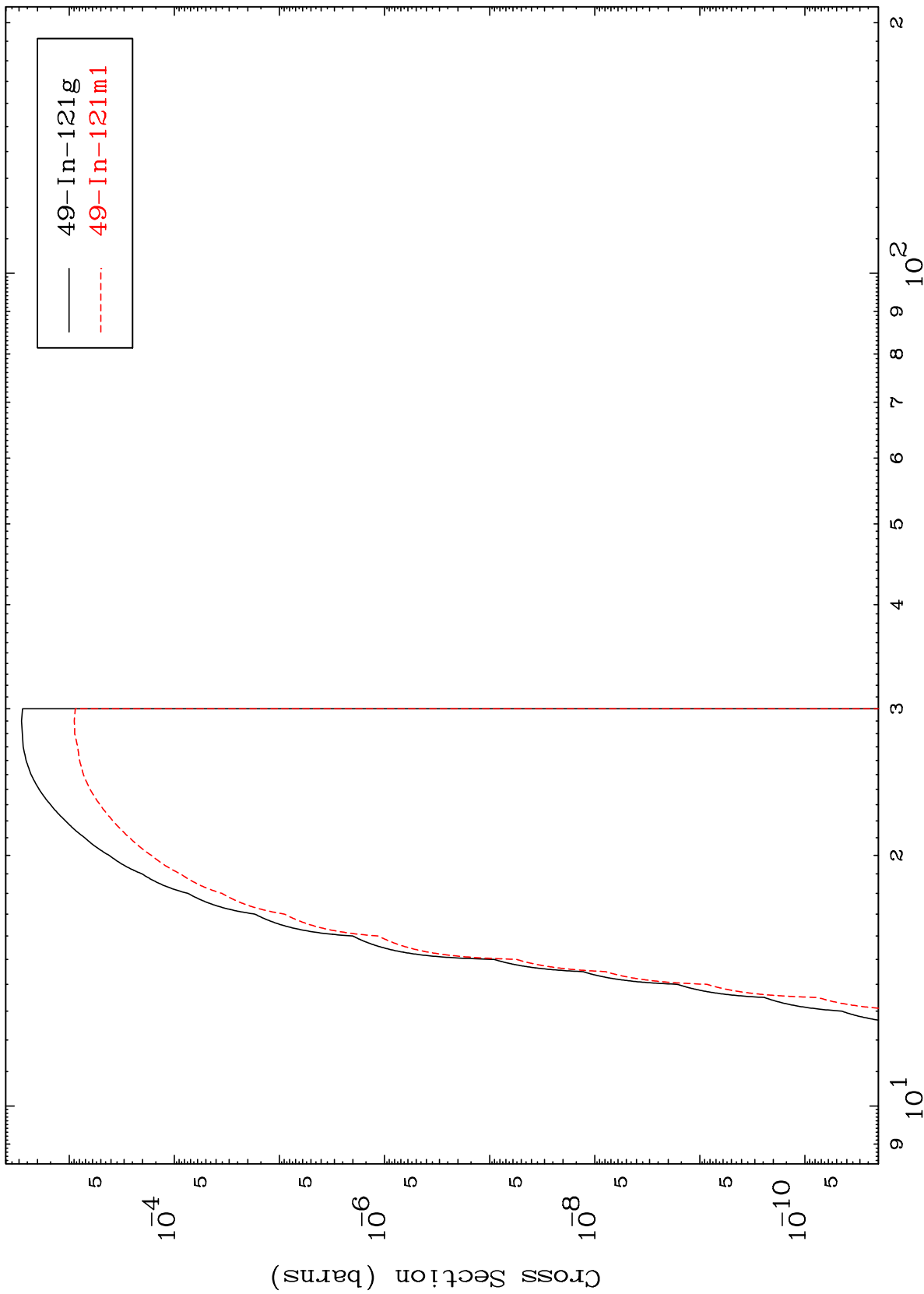
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(n,t)
Radionuclide Production Cross Section



— 49-In-121g
- - - 49-In-121m1

31

Incident Energy (MeV)

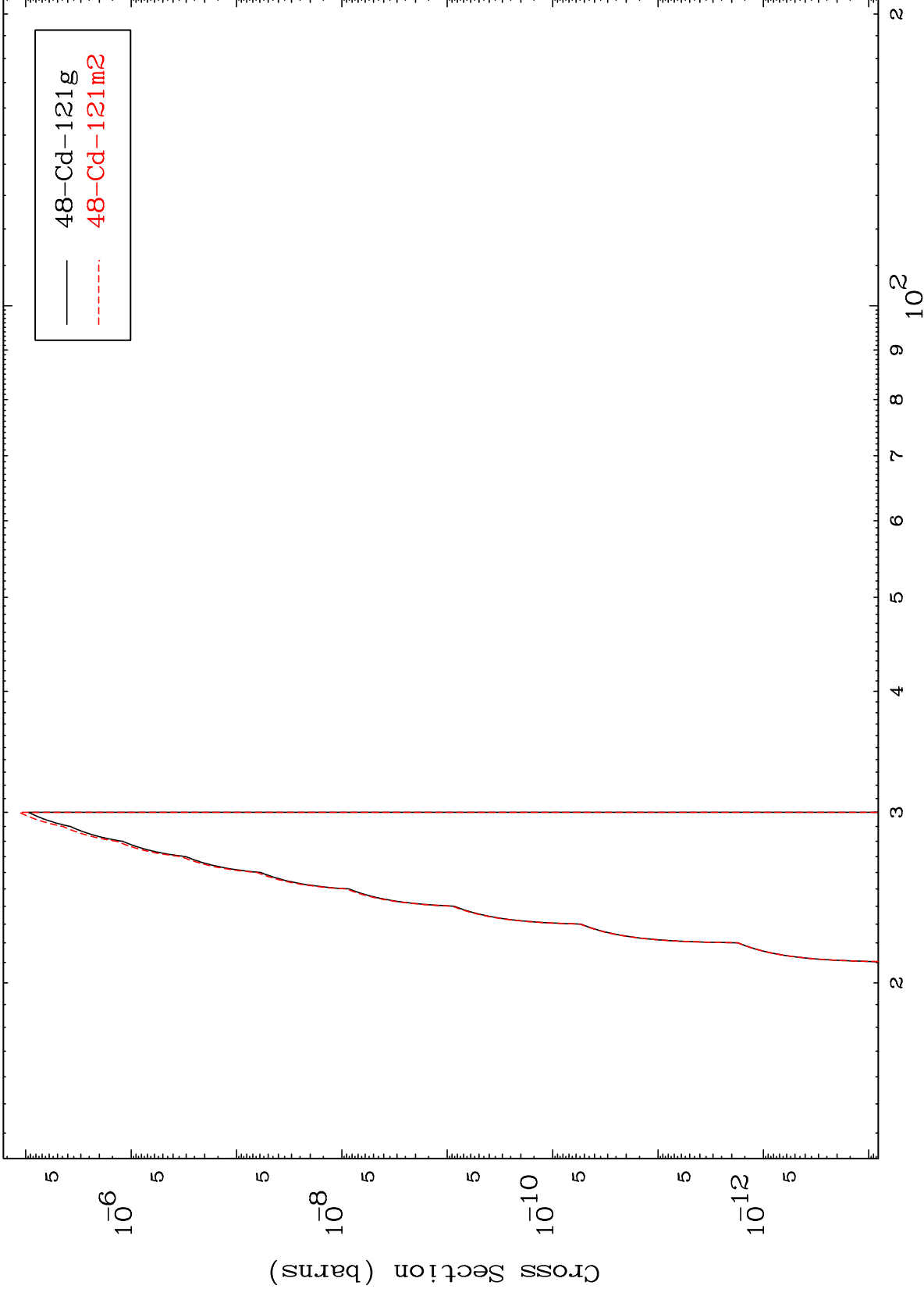
50-Sn-123

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(n,He-3)

50-Sn-123

Radionuclide Production Cross Section



48-Cd-121g
48-Cd-121m2