

Program EVALPLOT
(Version 2017-1)

by

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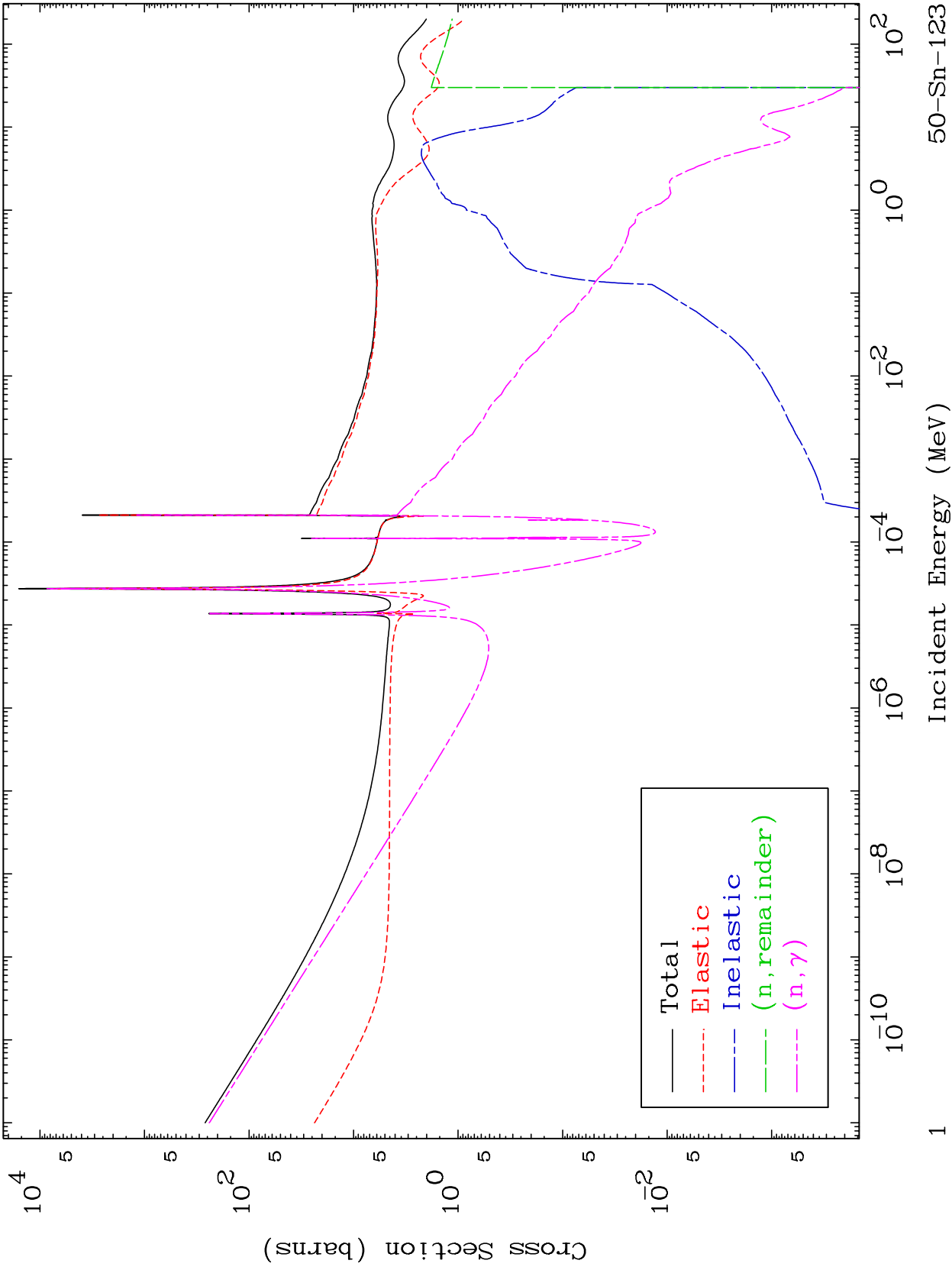
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5059

Major
293 Kelvin Cross Sections

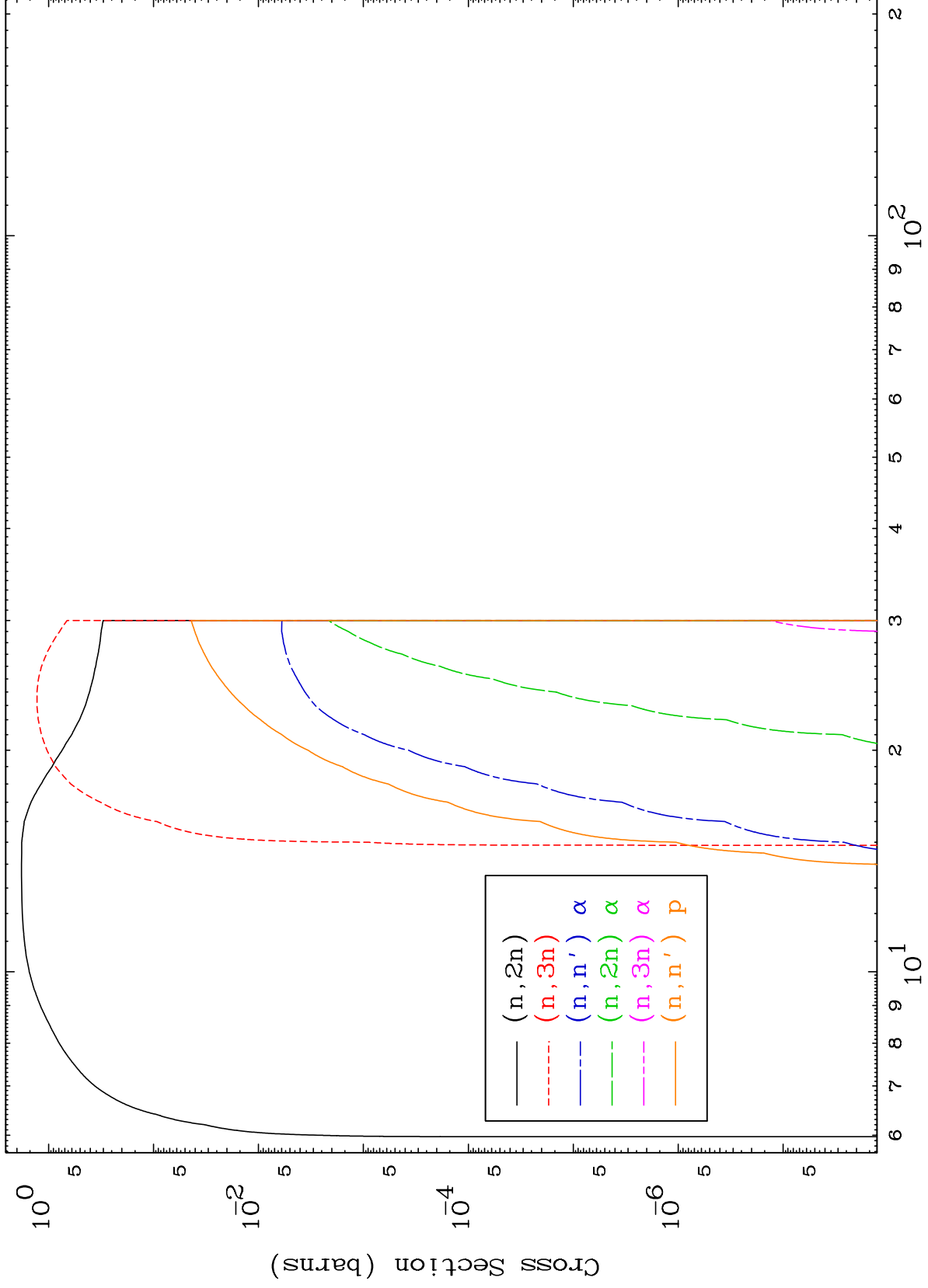
50-Sn-123

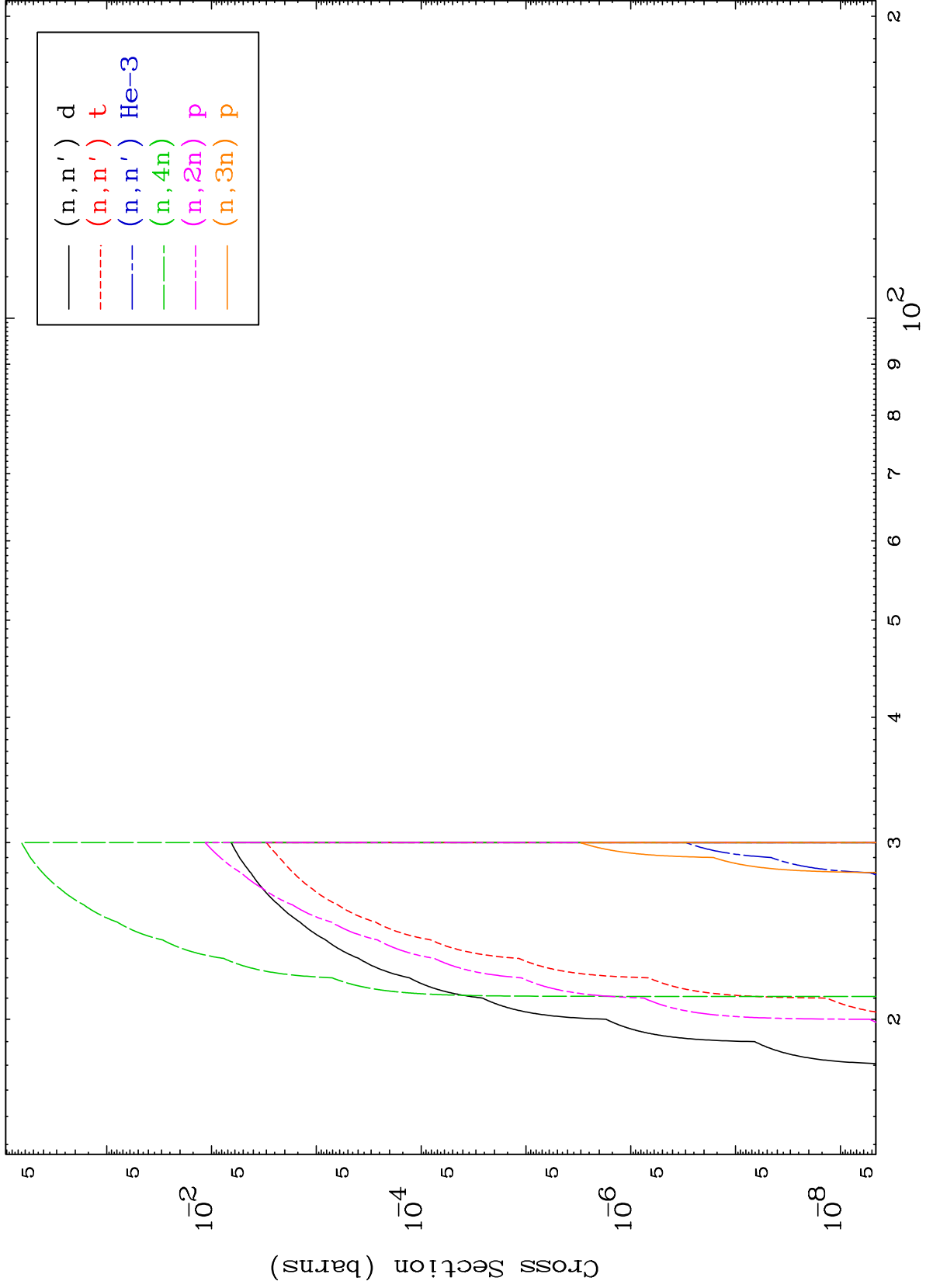


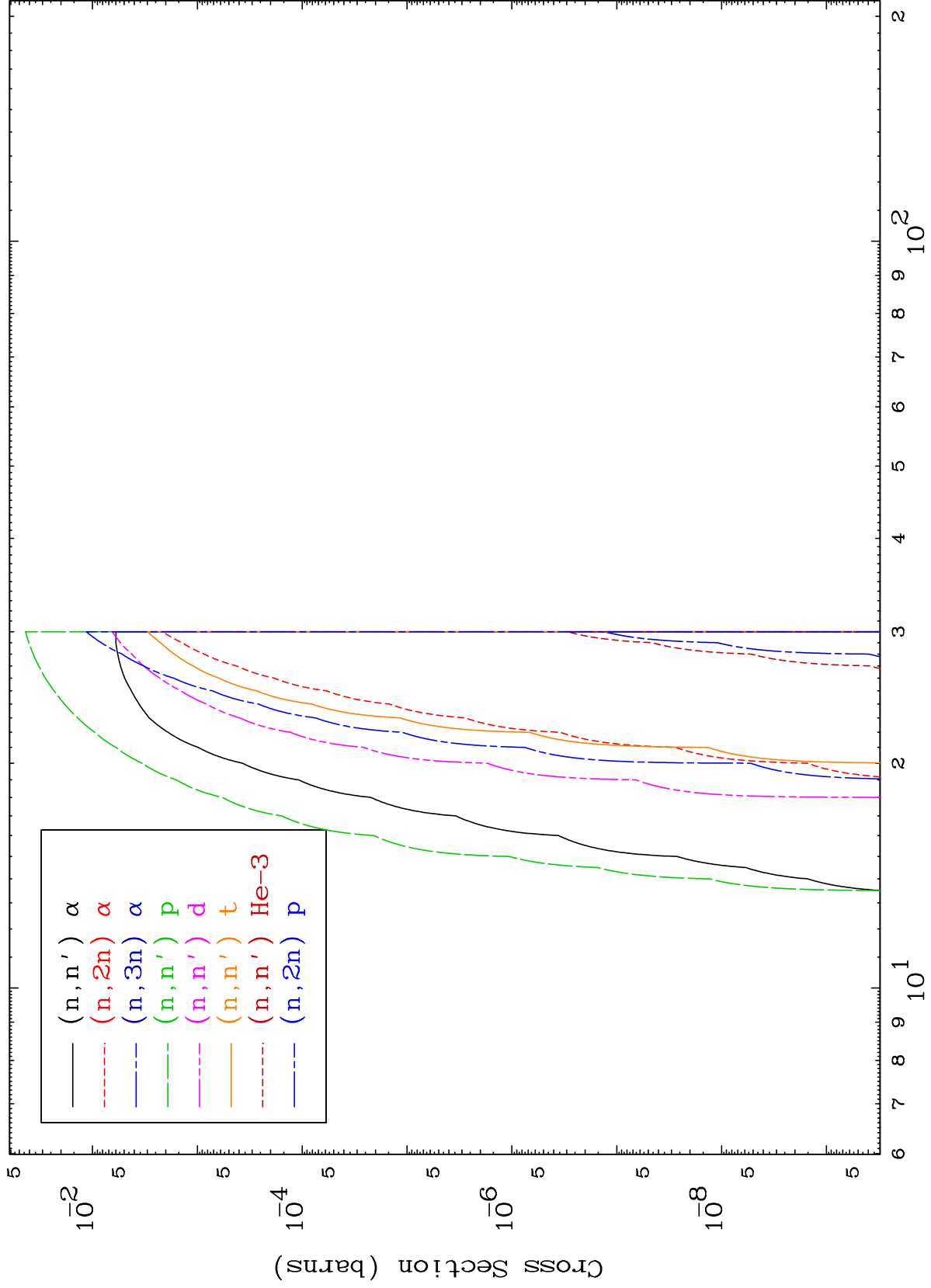
MAT 5059

Neutron Production
293 Kelvin Cross Sections

50-Sn-123



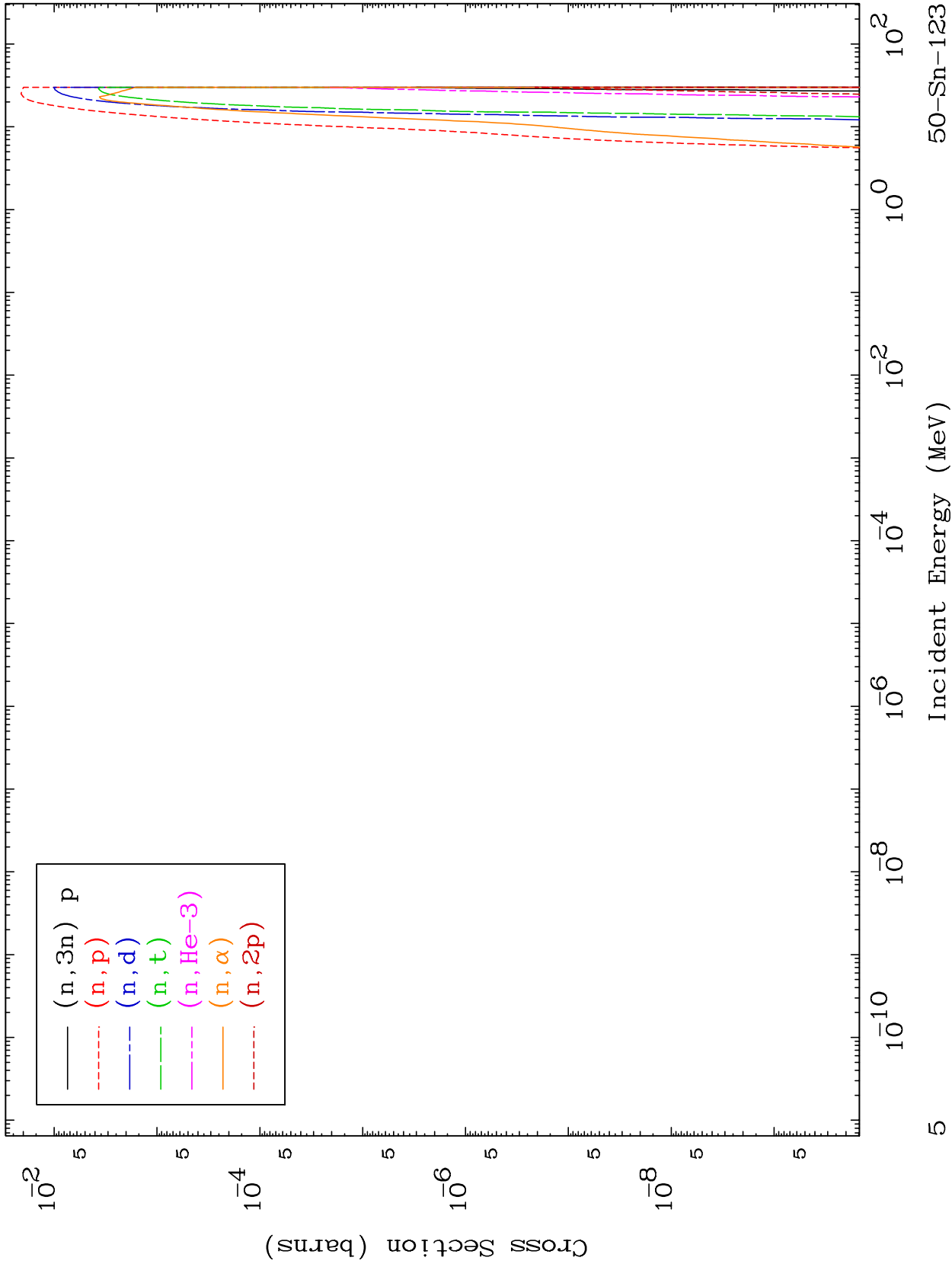




MAT 5059

Charged Particle
293 Kelvin Cross Sections

50-Sn-123

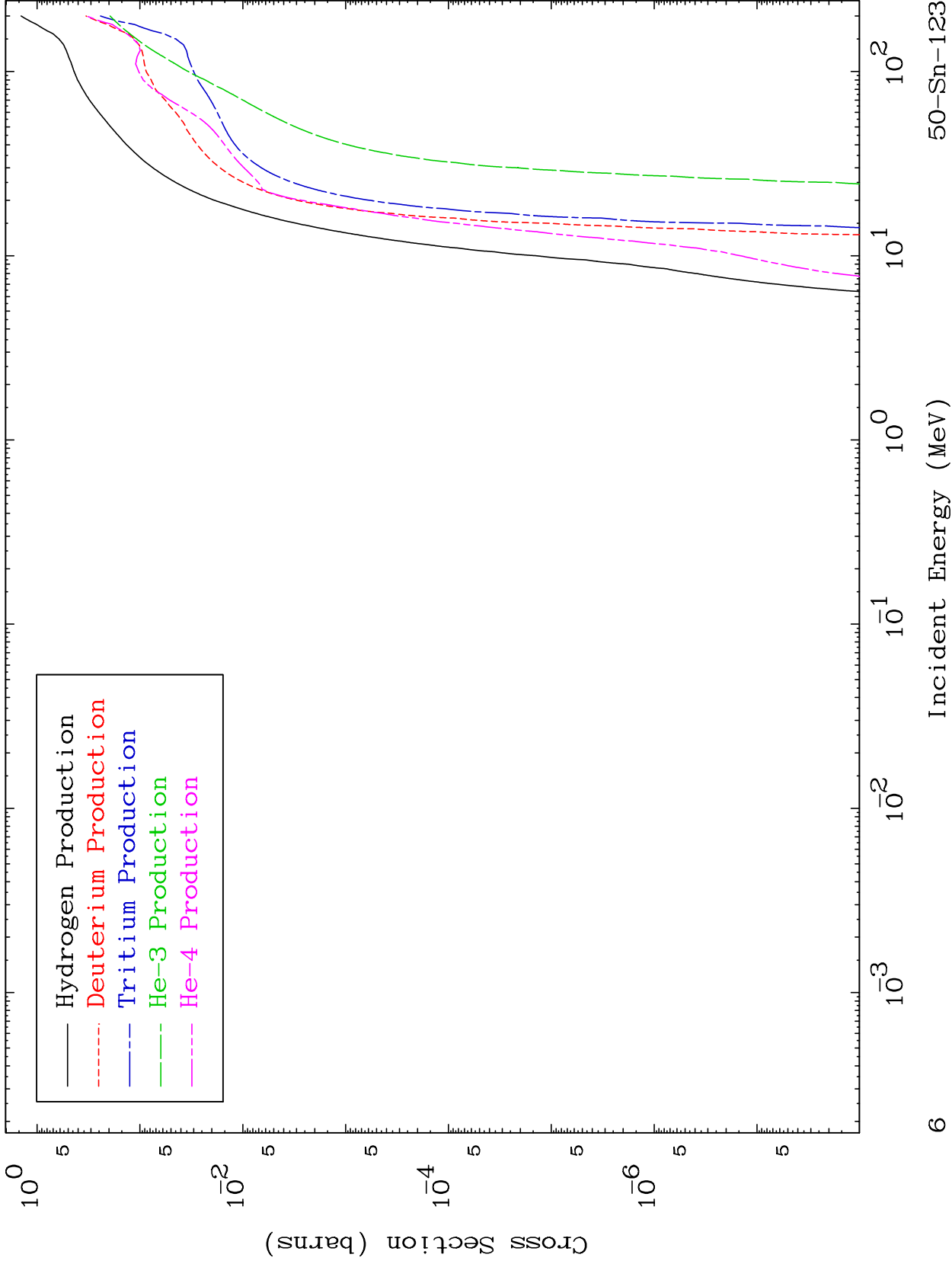


5

MAT 5059

Particle Production
293 Kelvin Cross Sections

50-Sn-123

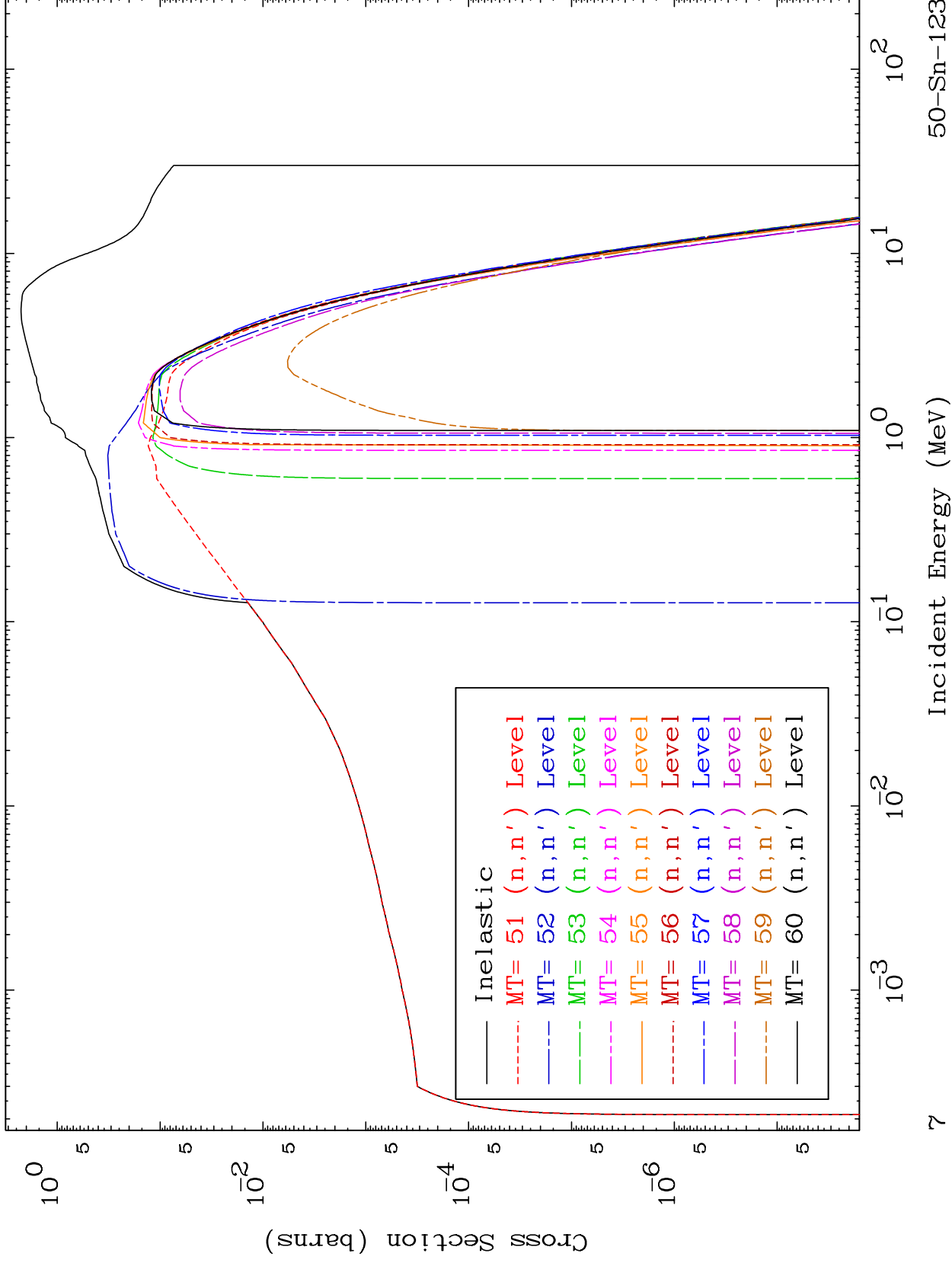


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293 Kelvin Cross Sections

(n,n') Level

50-Sn-123

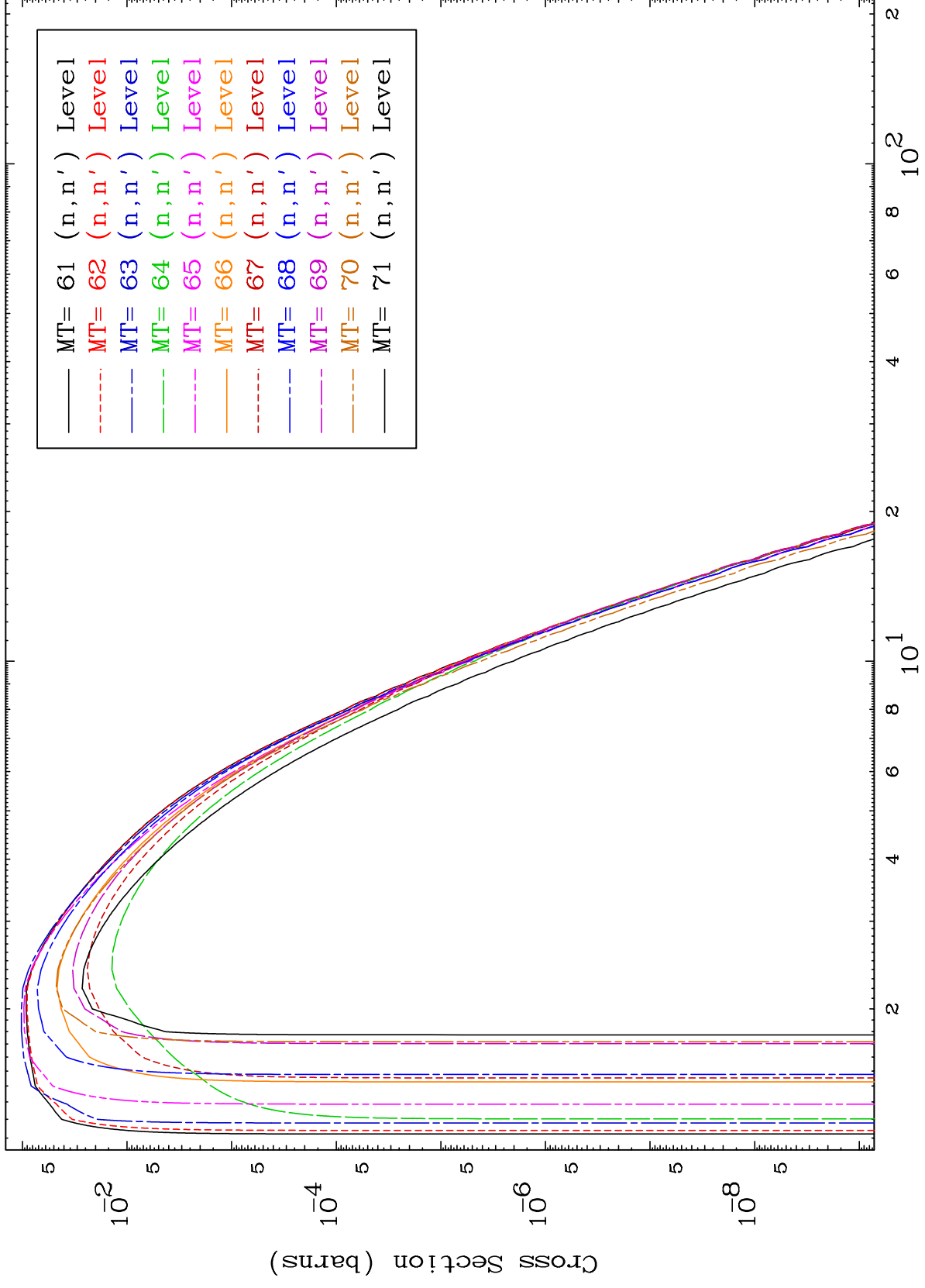


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(n,n') Level

50-Sn-123

293 Kelvin Cross Sections



8

Incident Energy (MeV)

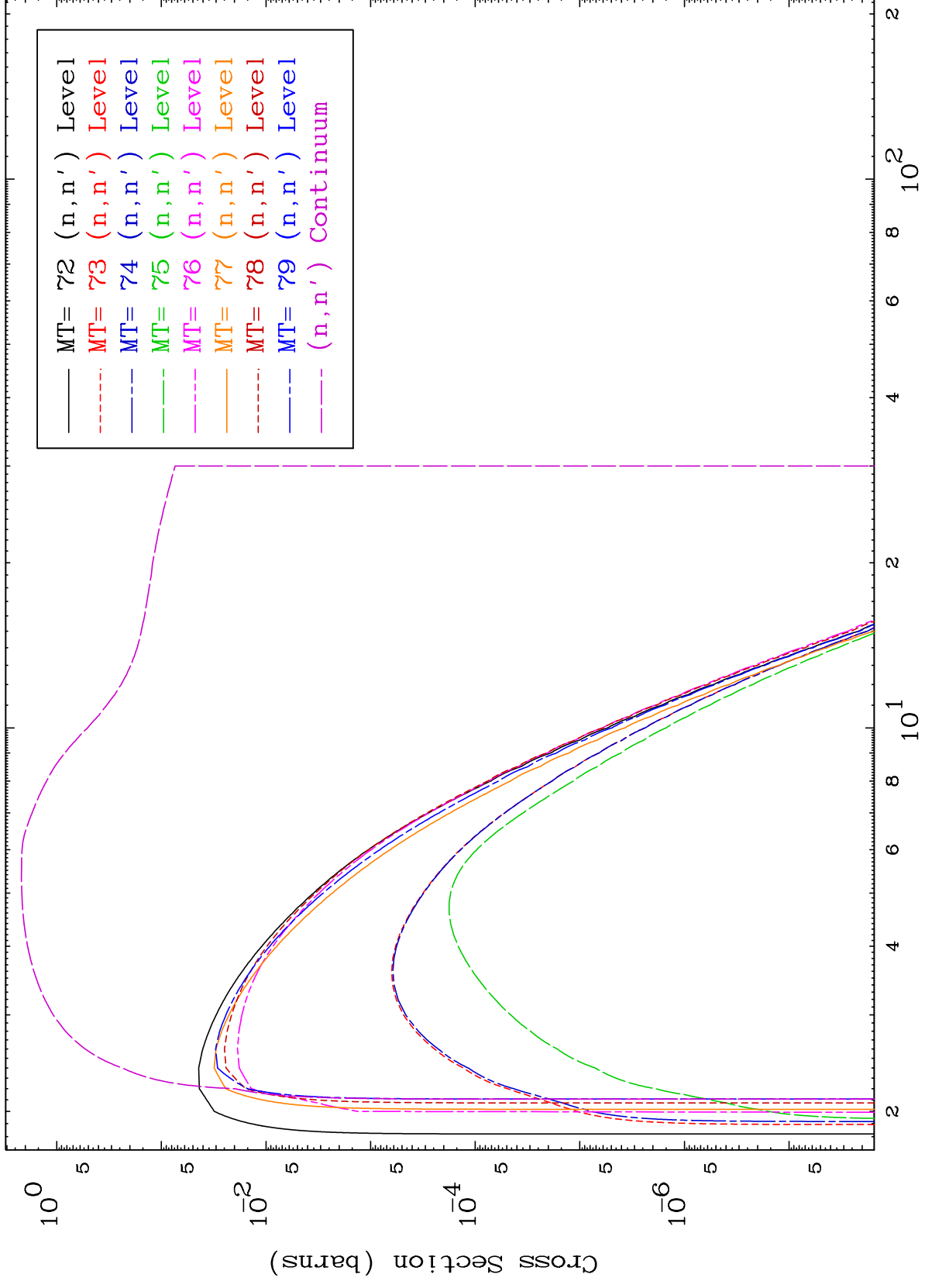
50-Sn-123

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(n,n') Level

50-Sn-123

293 Kelvin Cross Sections



9

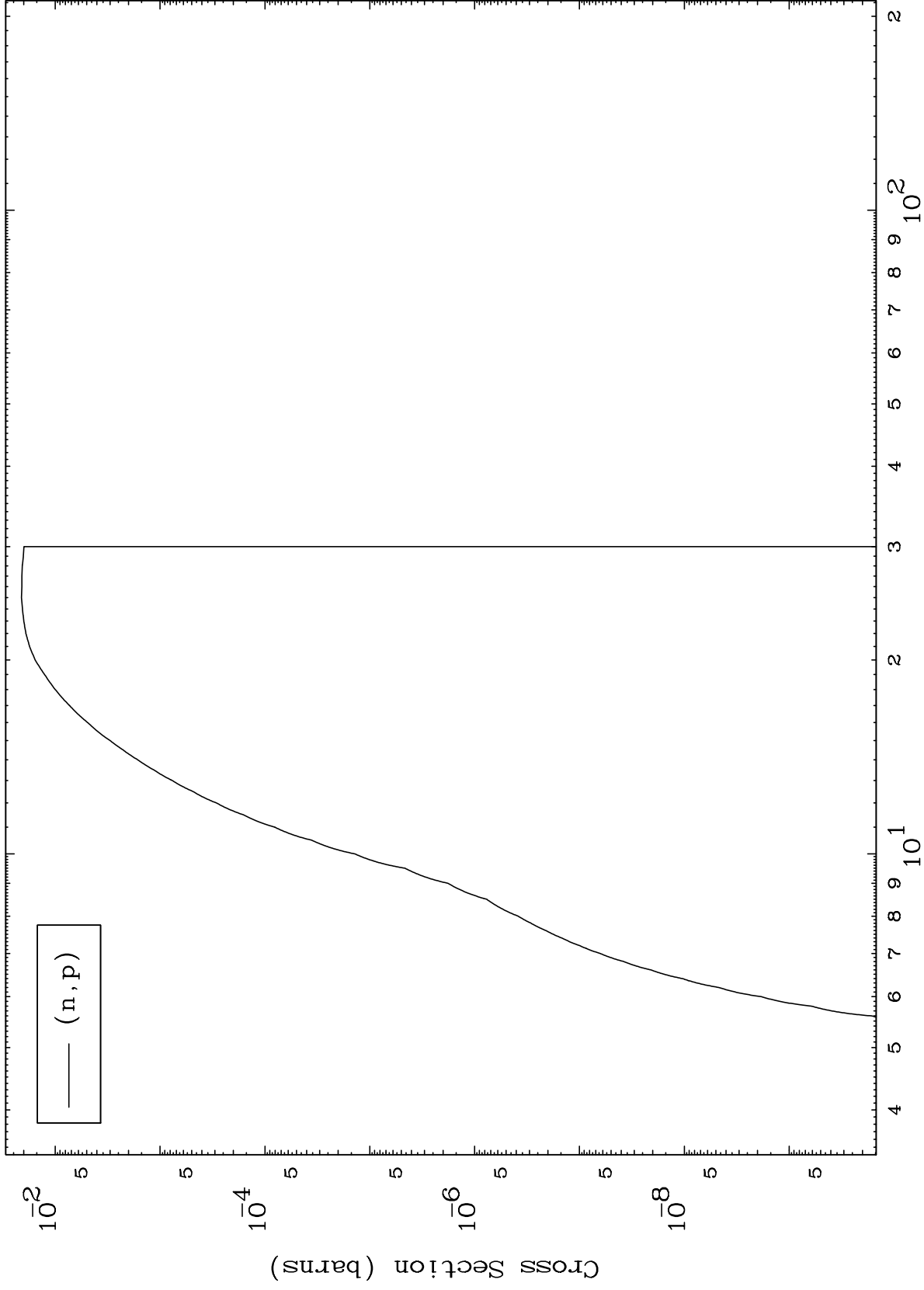
Incident Energy (MeV)

50-Sn-123

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(n,p) Levels
293 Kelvin Cross Sections

50-Sn-123



10

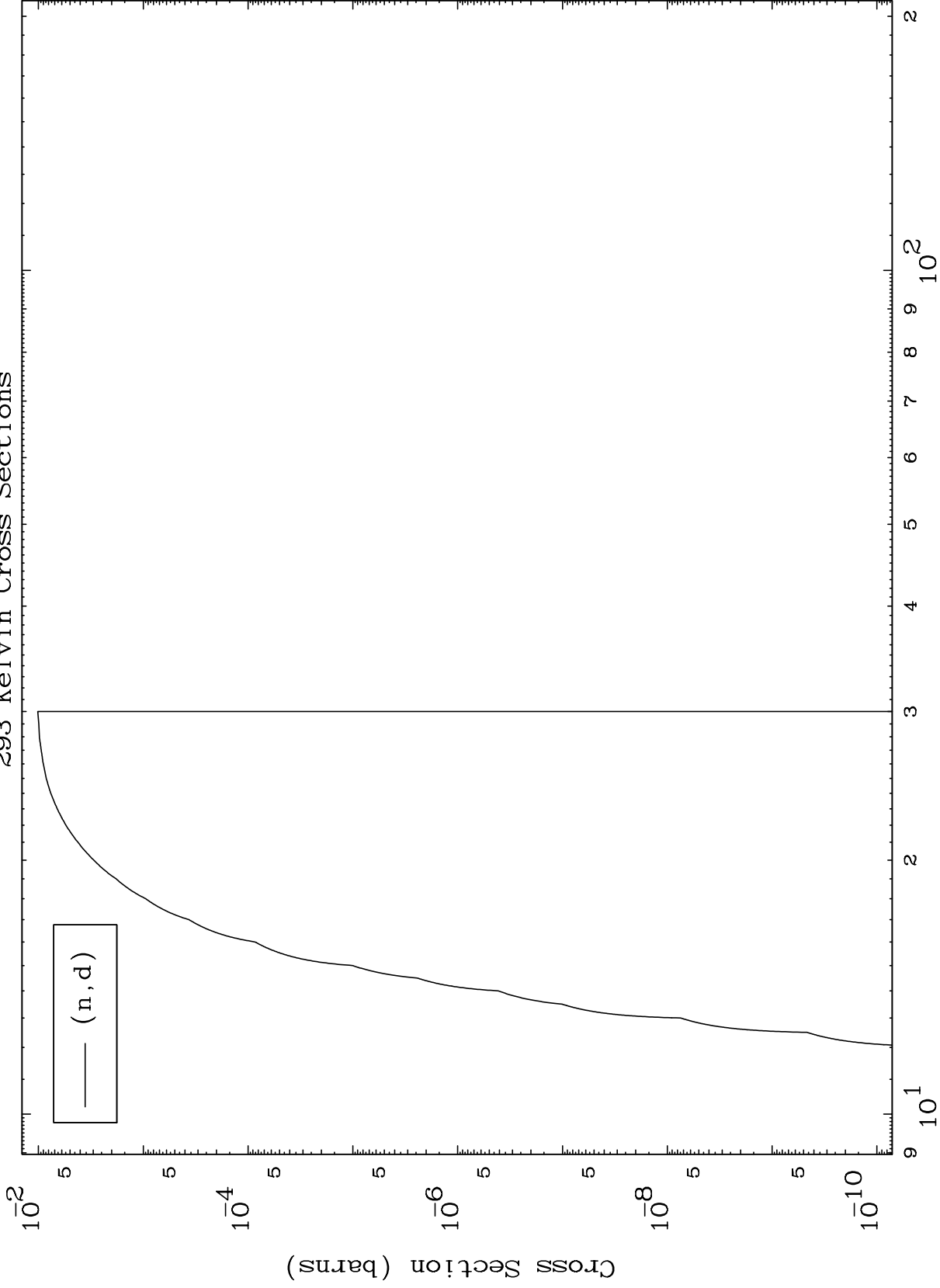
Incident Energy (MeV)

50-Sn-123

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(n,d) Levels
293 Kelvin Cross Sections

50-Sn-123



11

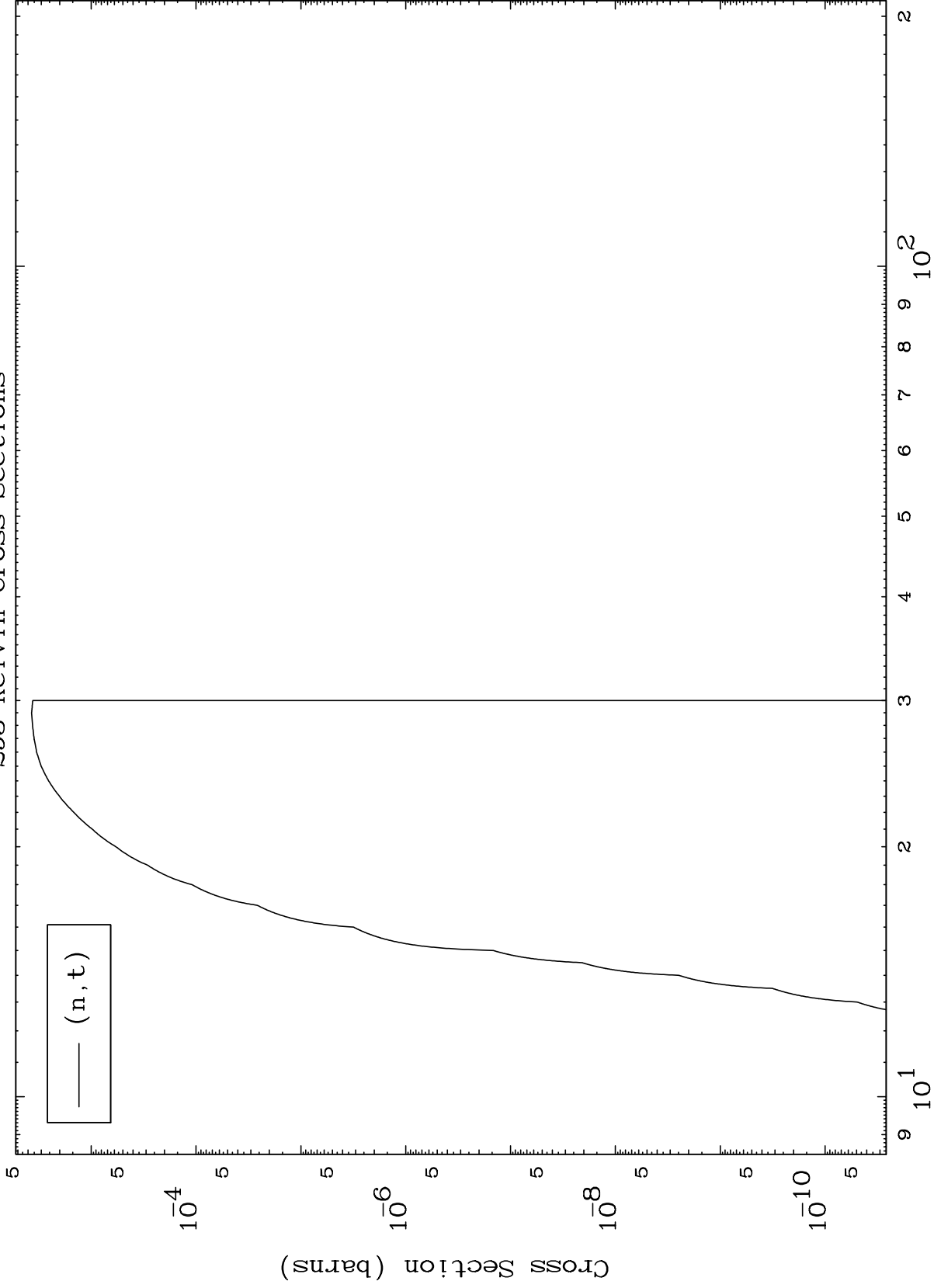
Incident Energy (MeV)

50-Sn-123

MAT 5059

(n,t) Levels
293 Kelvin Cross Sections

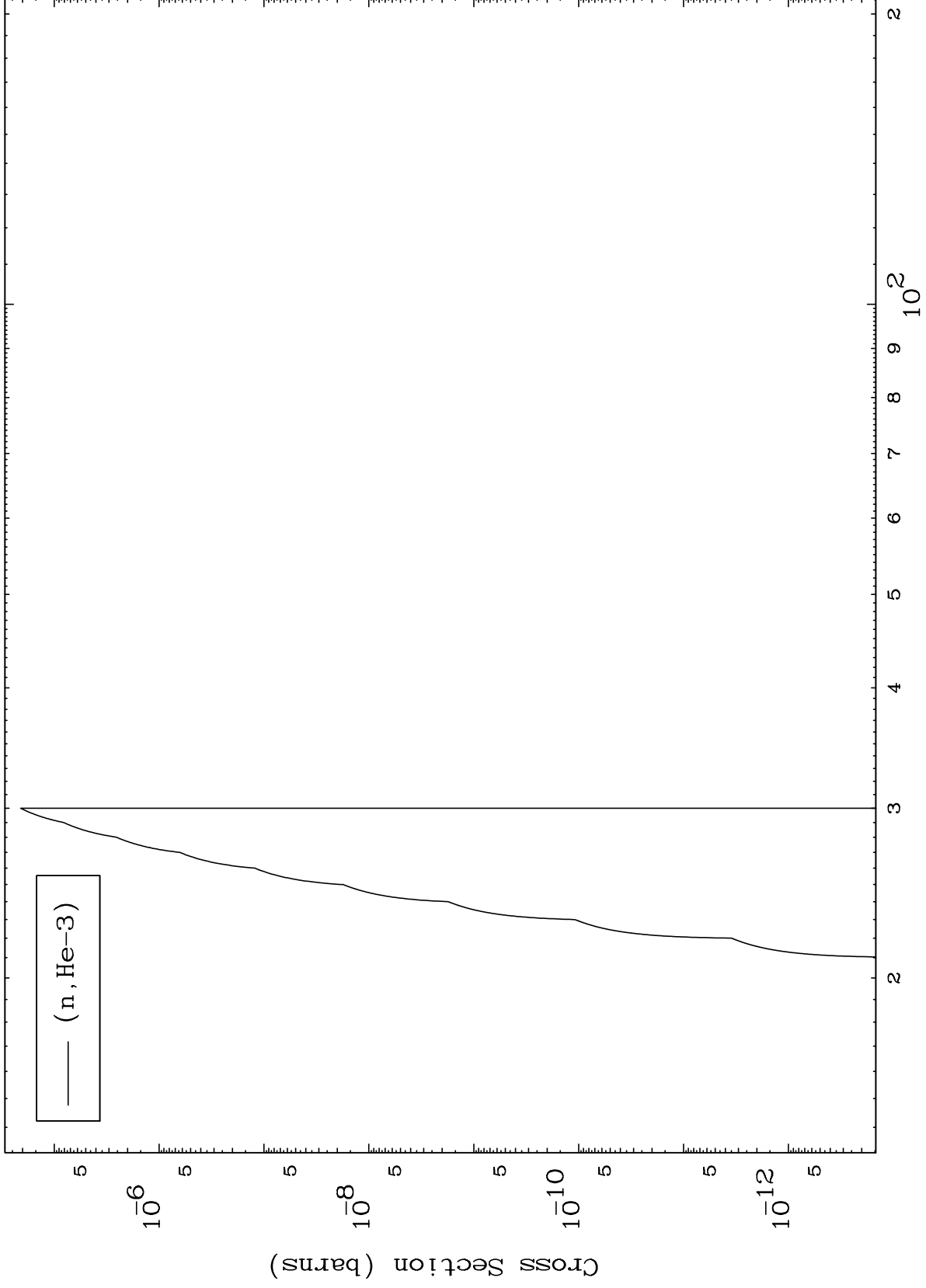
50-Sn-123



12

Incident Energy (MeV)

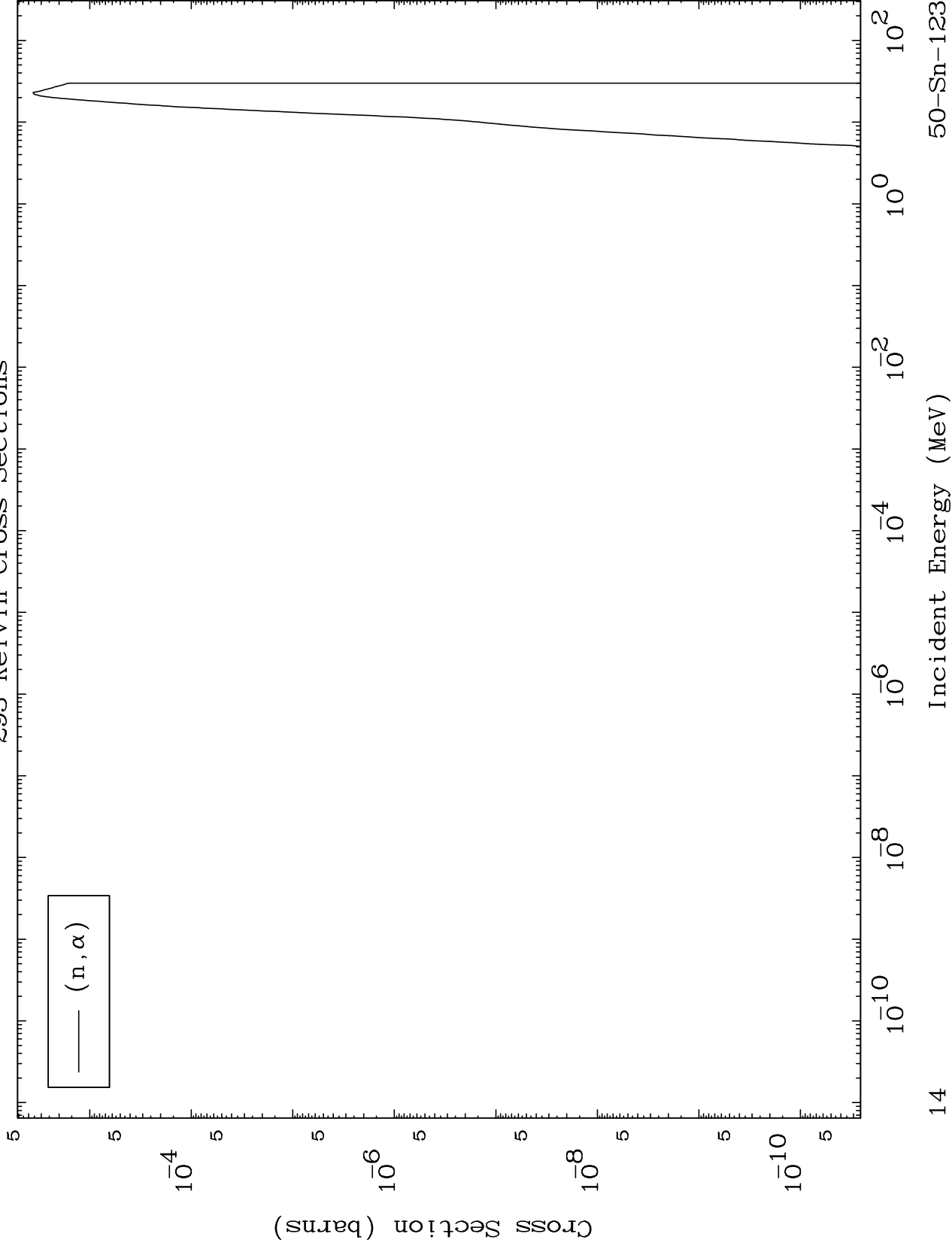
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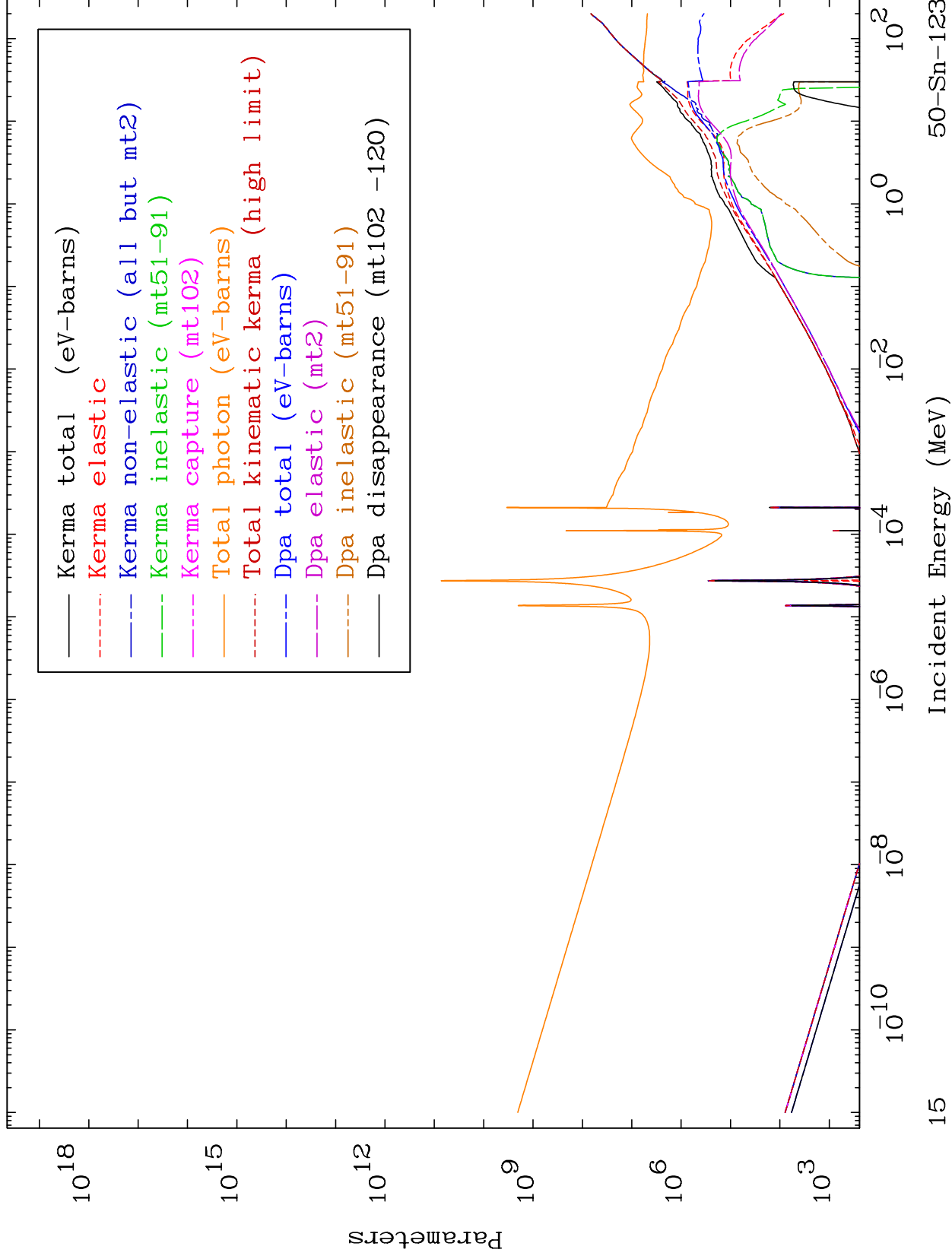


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(n, α) Levels
293 Kelvin Cross Sections

50-Sn-123

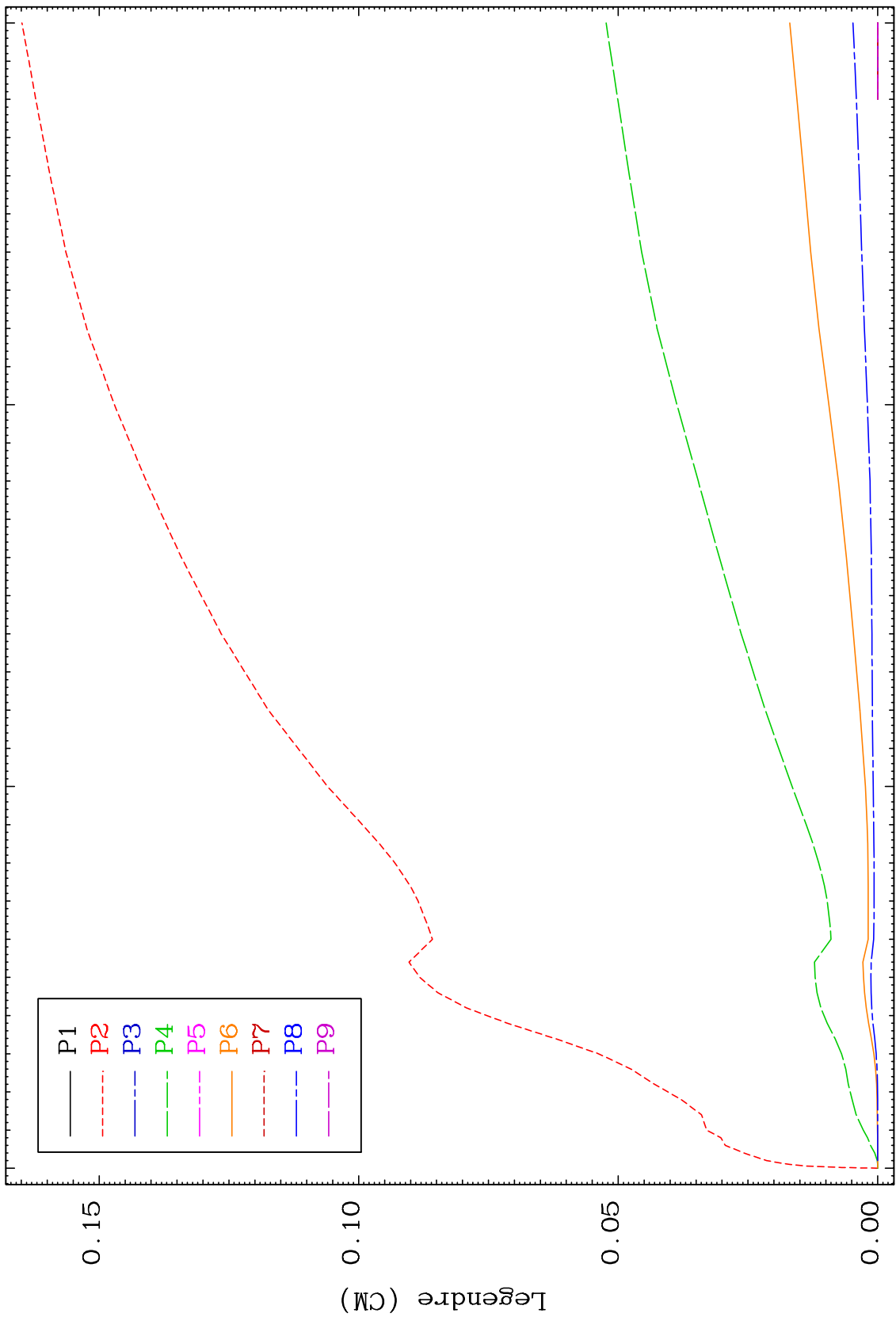




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Elastic Legendre Coefficients

50-Sn-123



16

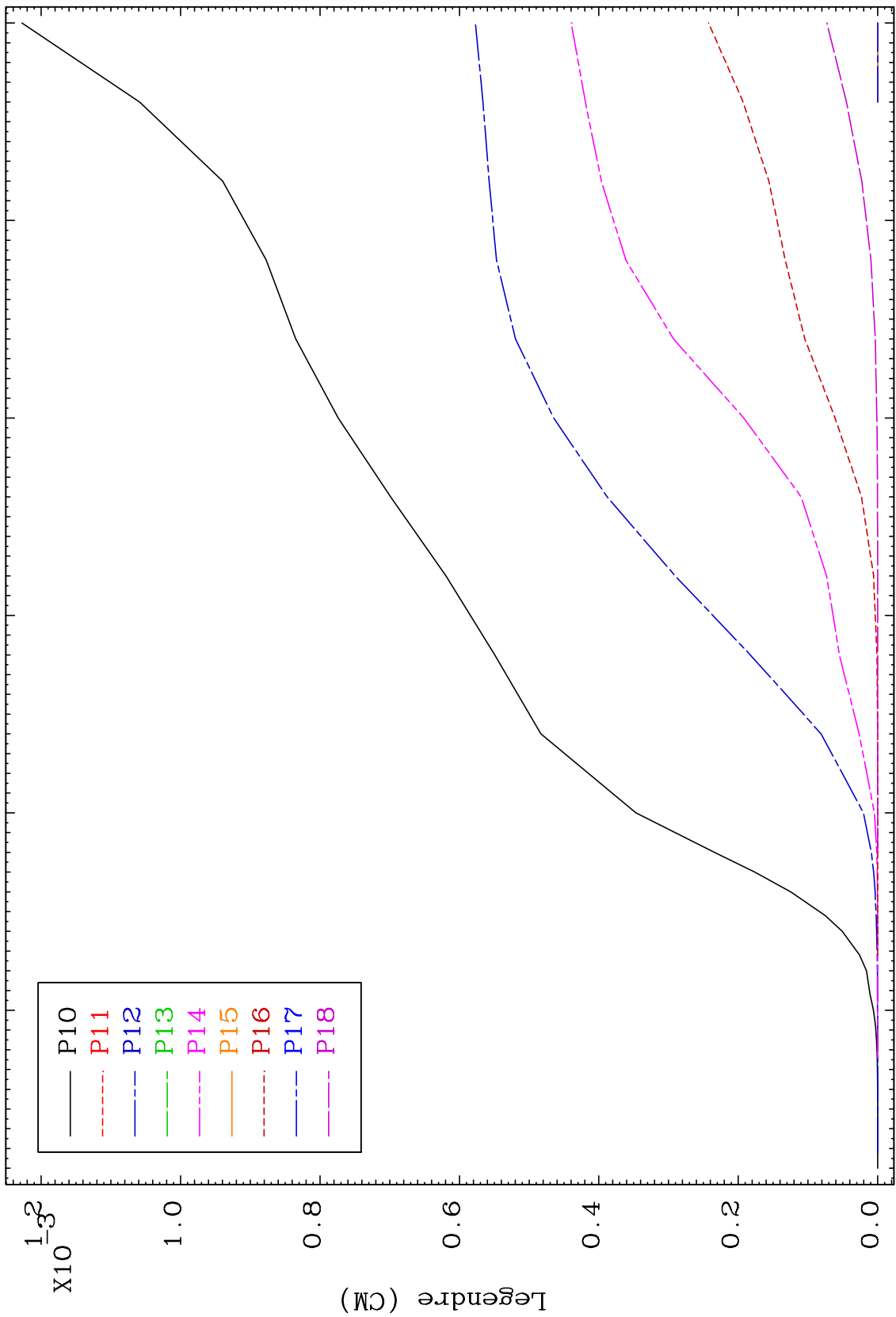
Incident Energy (MeV)

50-Sn-123

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Elastic Legendre Coefficients

50-Sn-123



17

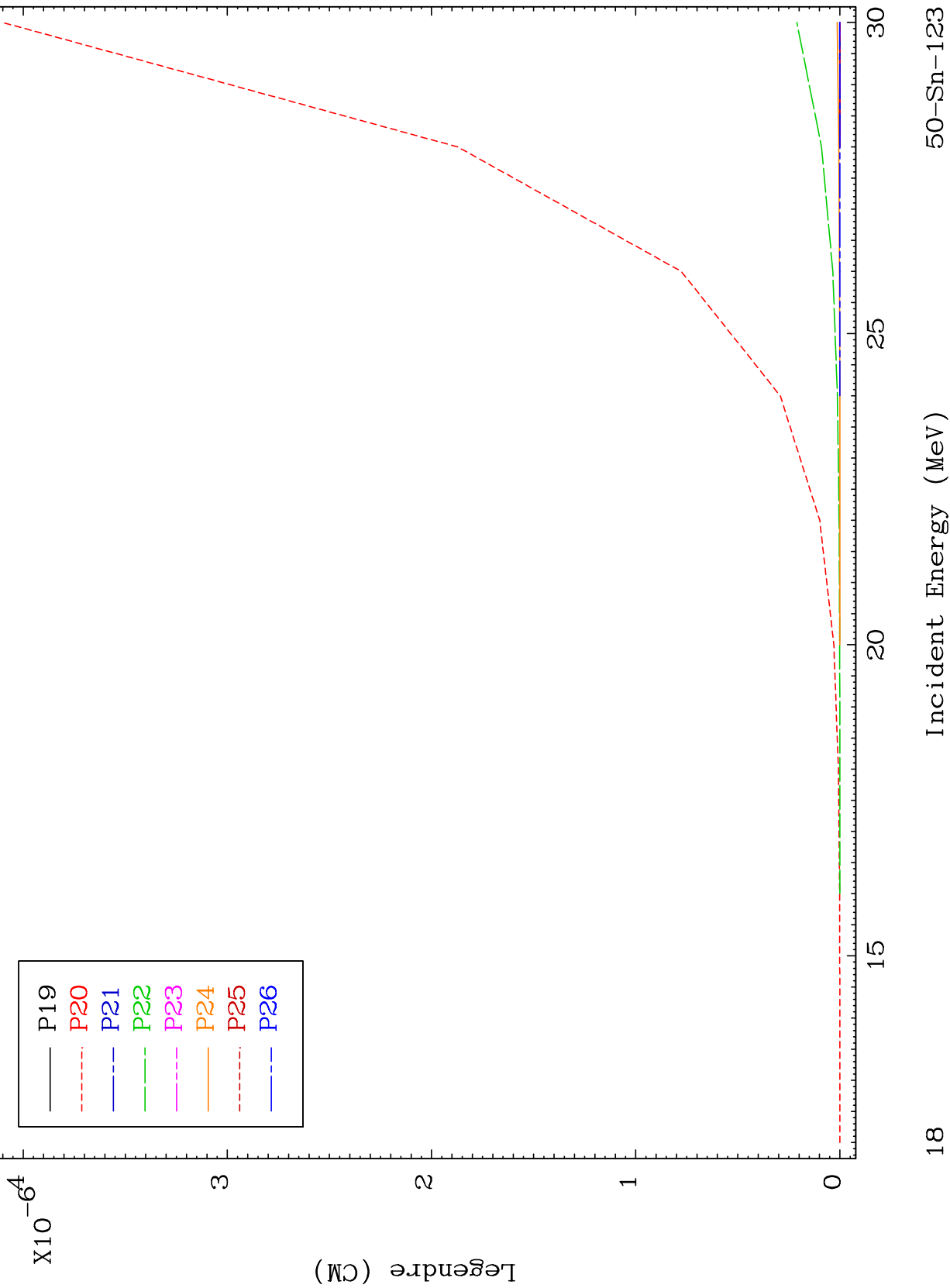
50-Sn-123

Incident Energy (MeV)

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Elastic
Legendre Coefficients

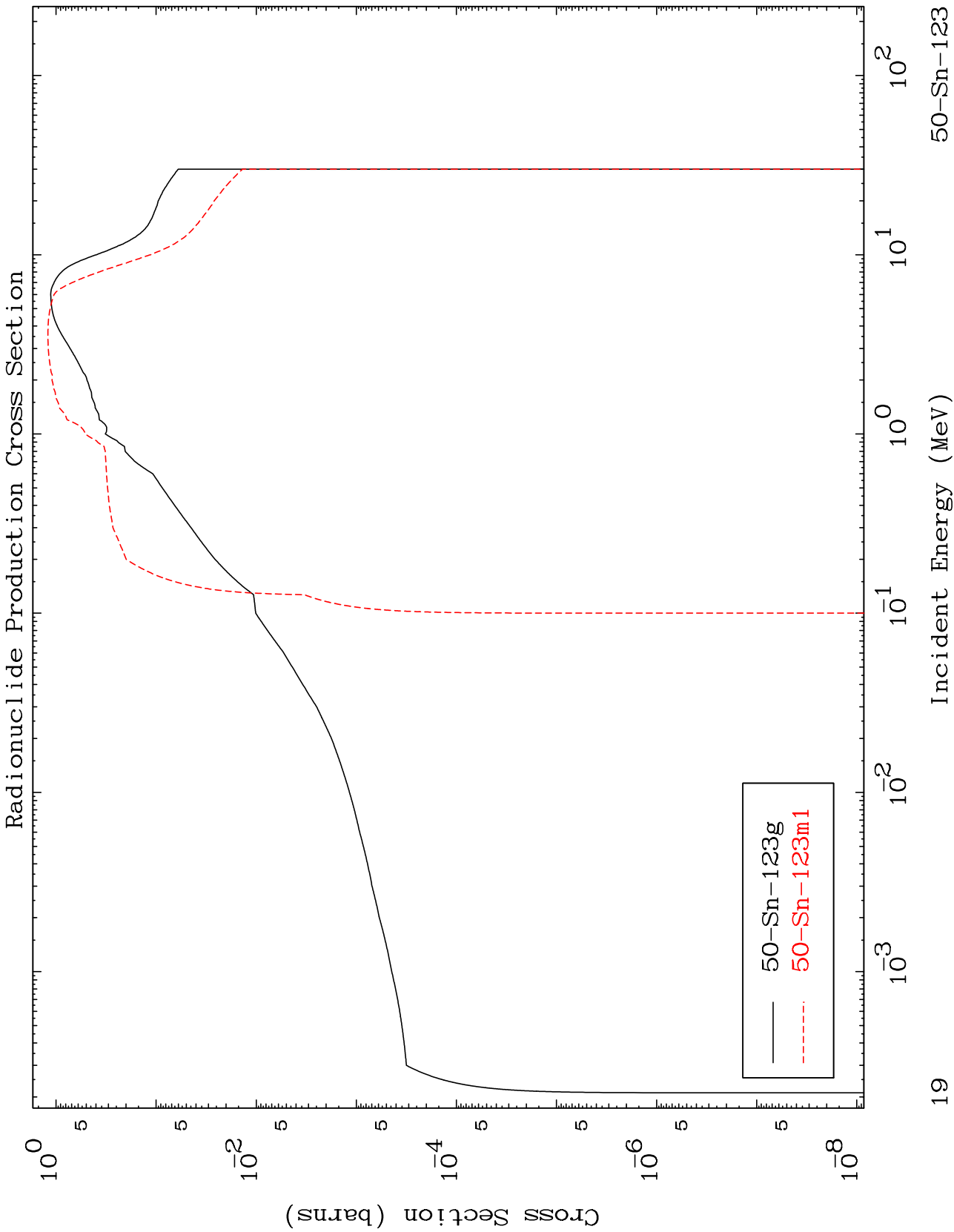
50-Sn-123



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50-Sn-123

Inelastic
Radionuclide Production Cross Section

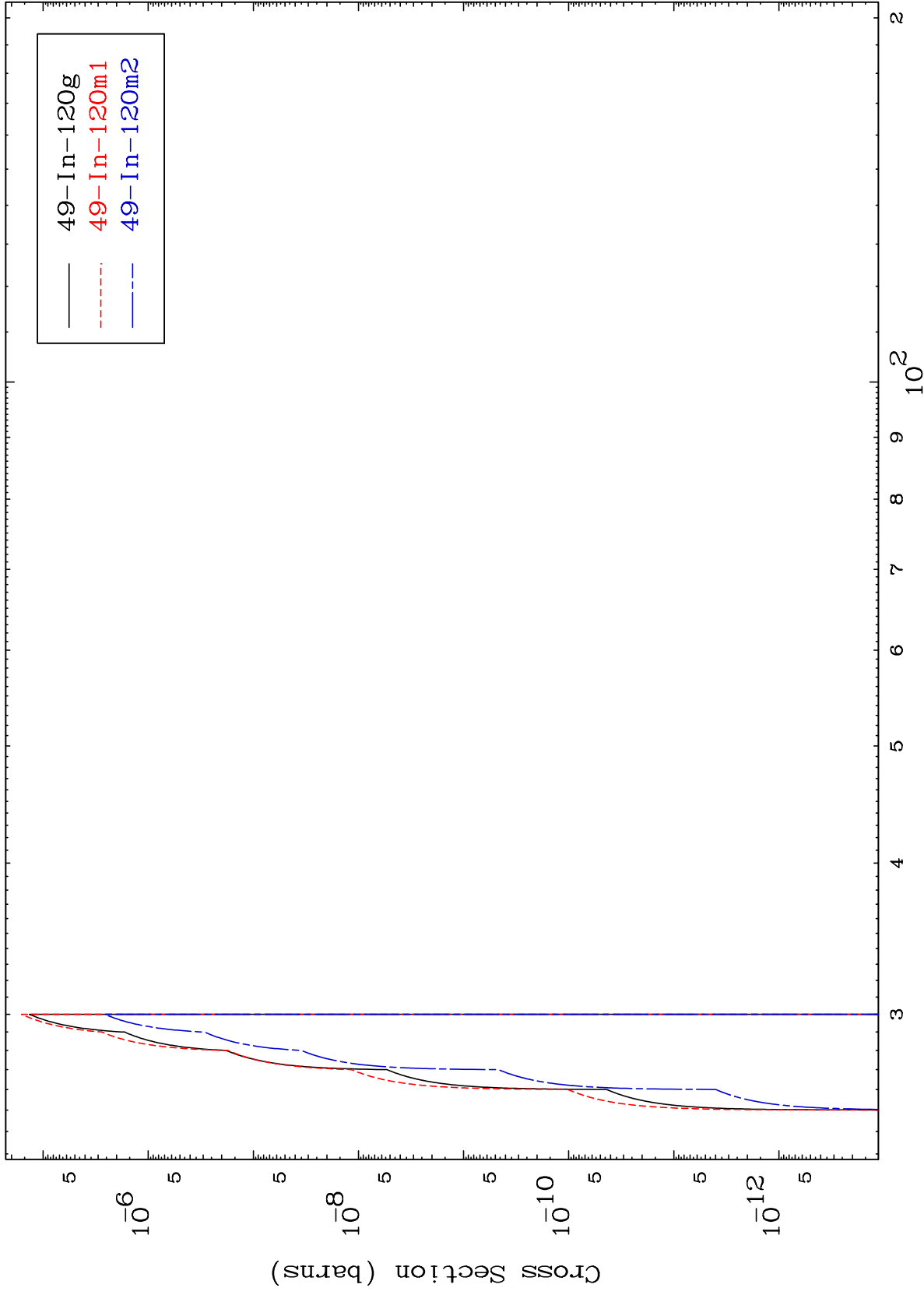


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(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

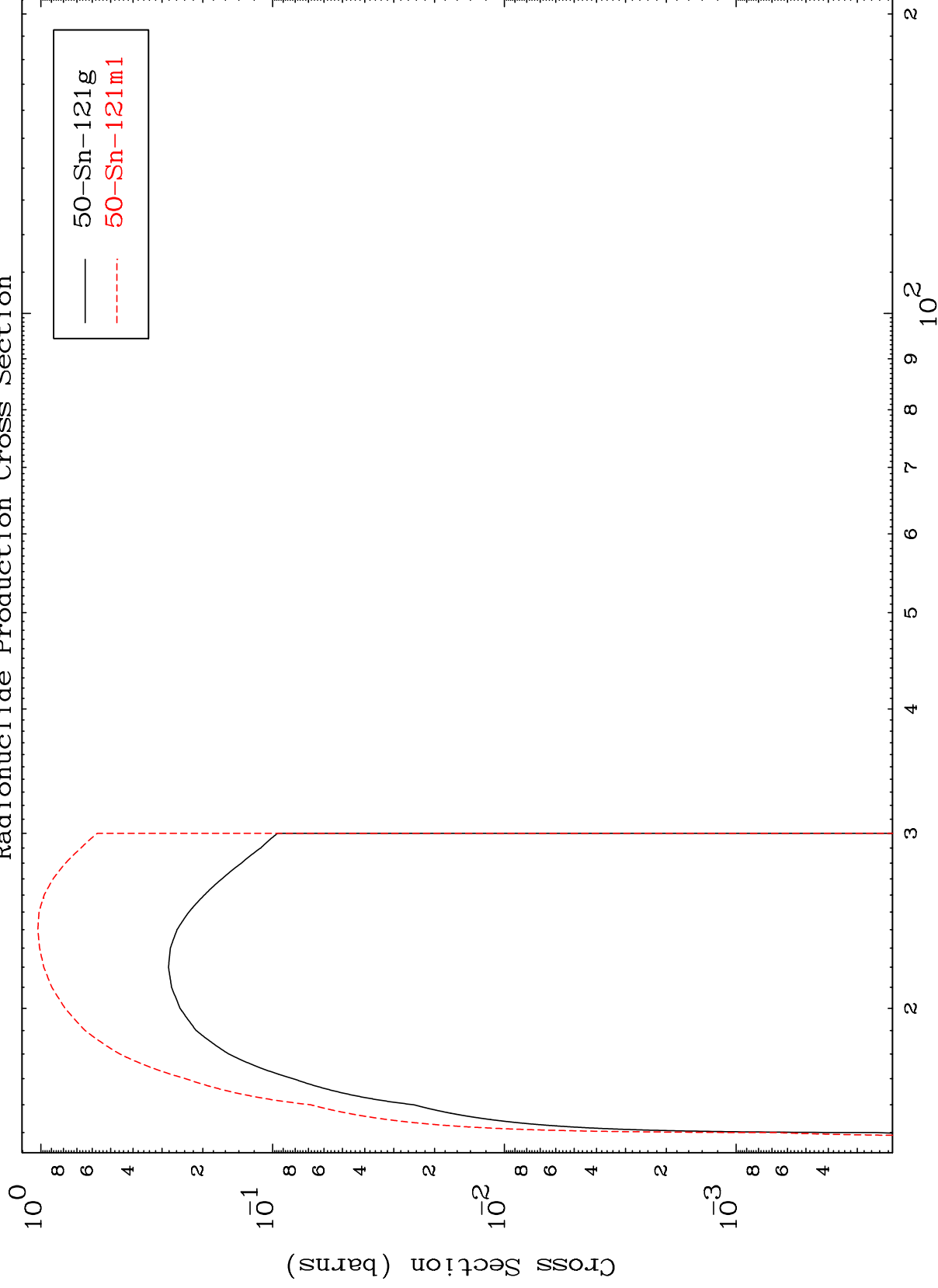
50-Sn-123

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(n,3n)

50-Sn-123

Radionuclide Production Cross Section

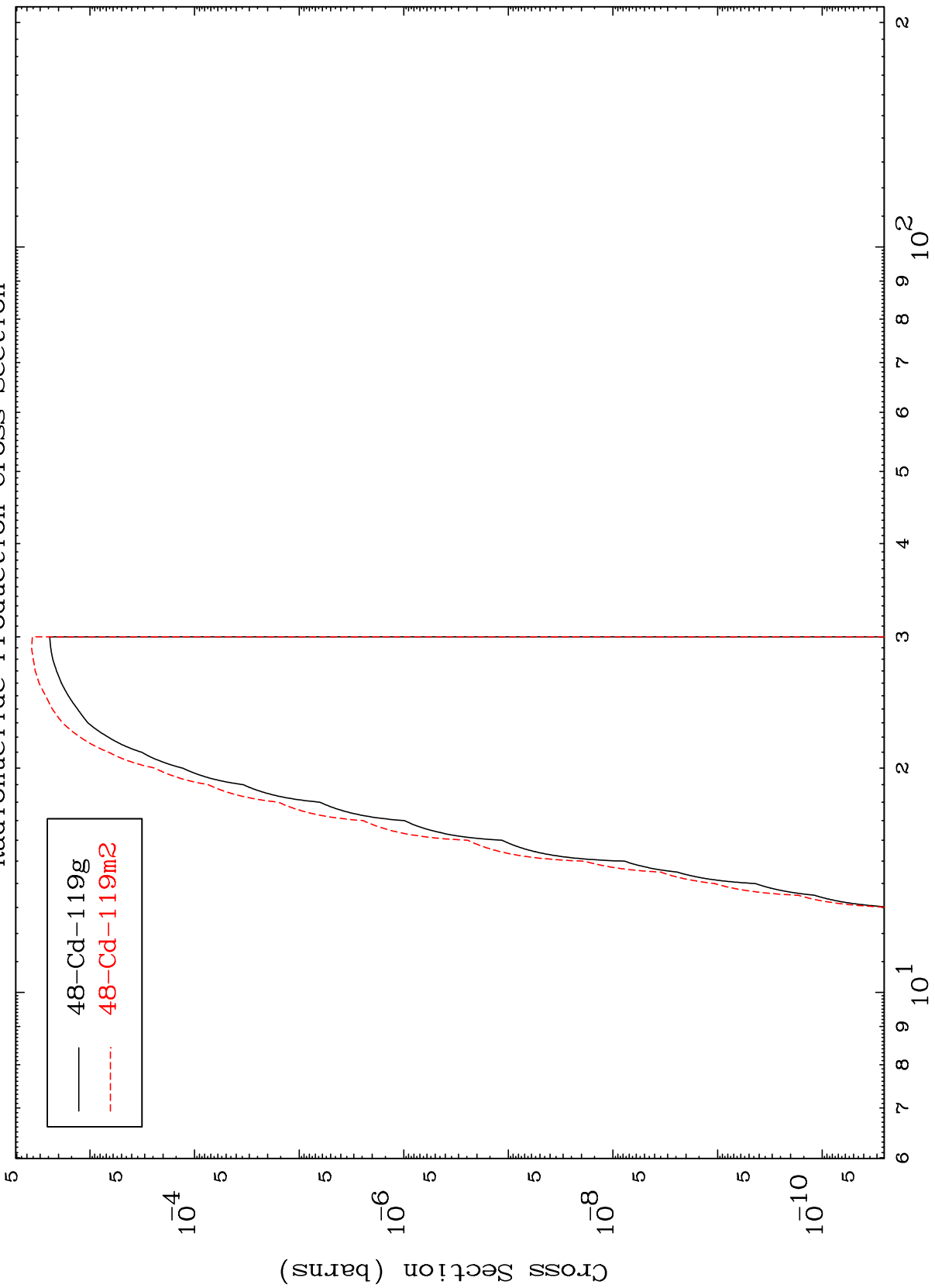


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50-Sn-123

(n,n') α

Radionuclide Production Cross Section



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

50-Sn-123

Incident Energy (MeV)

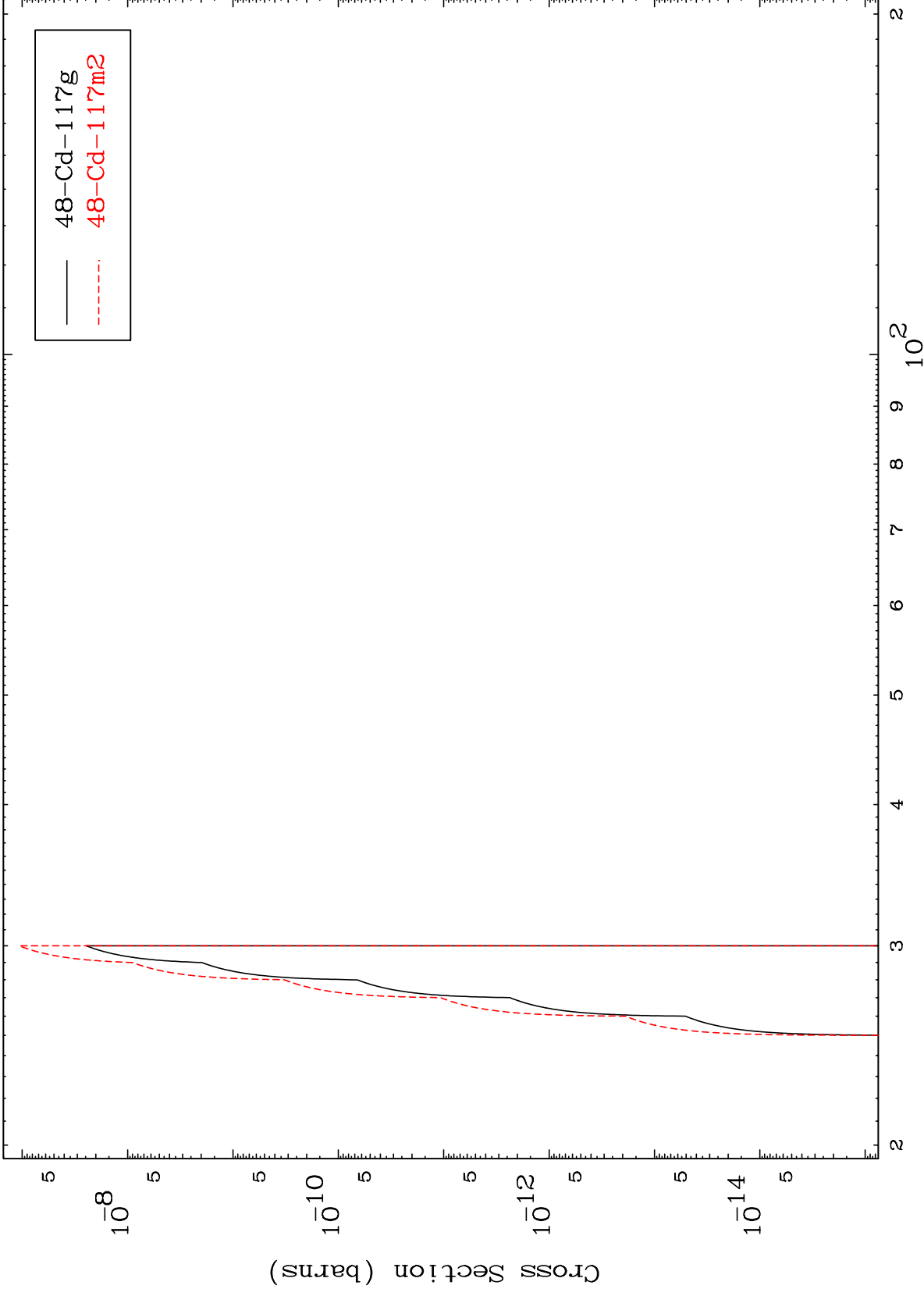
22

MAT 5059

(n,3n) α

50-Sn-123

Radionuclide Production Cross Section



48-Cd-117g
48-Cd-117m2

23

Incident Energy (MeV)

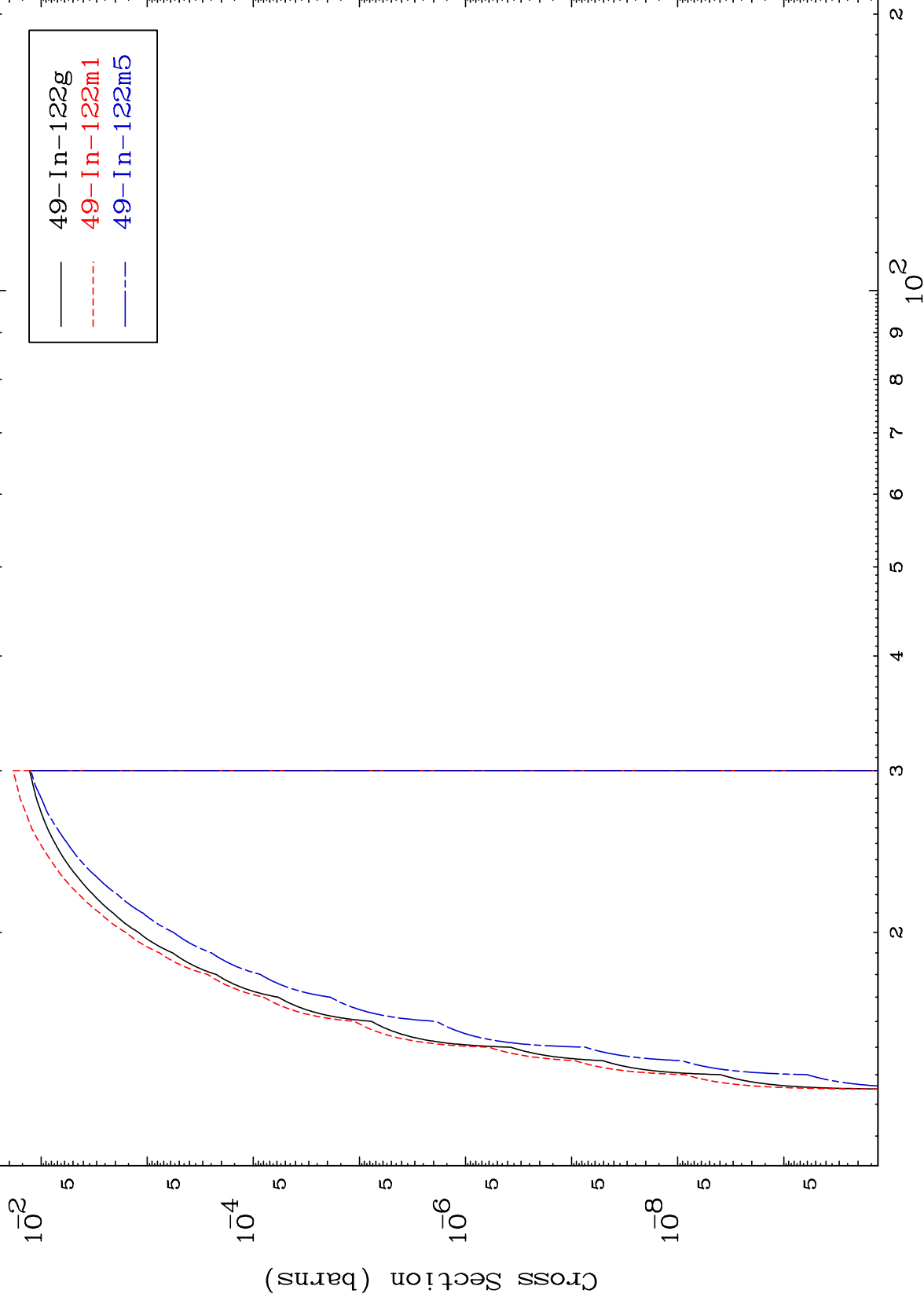
50-Sn-123

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(n,n') p

50-Sn-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

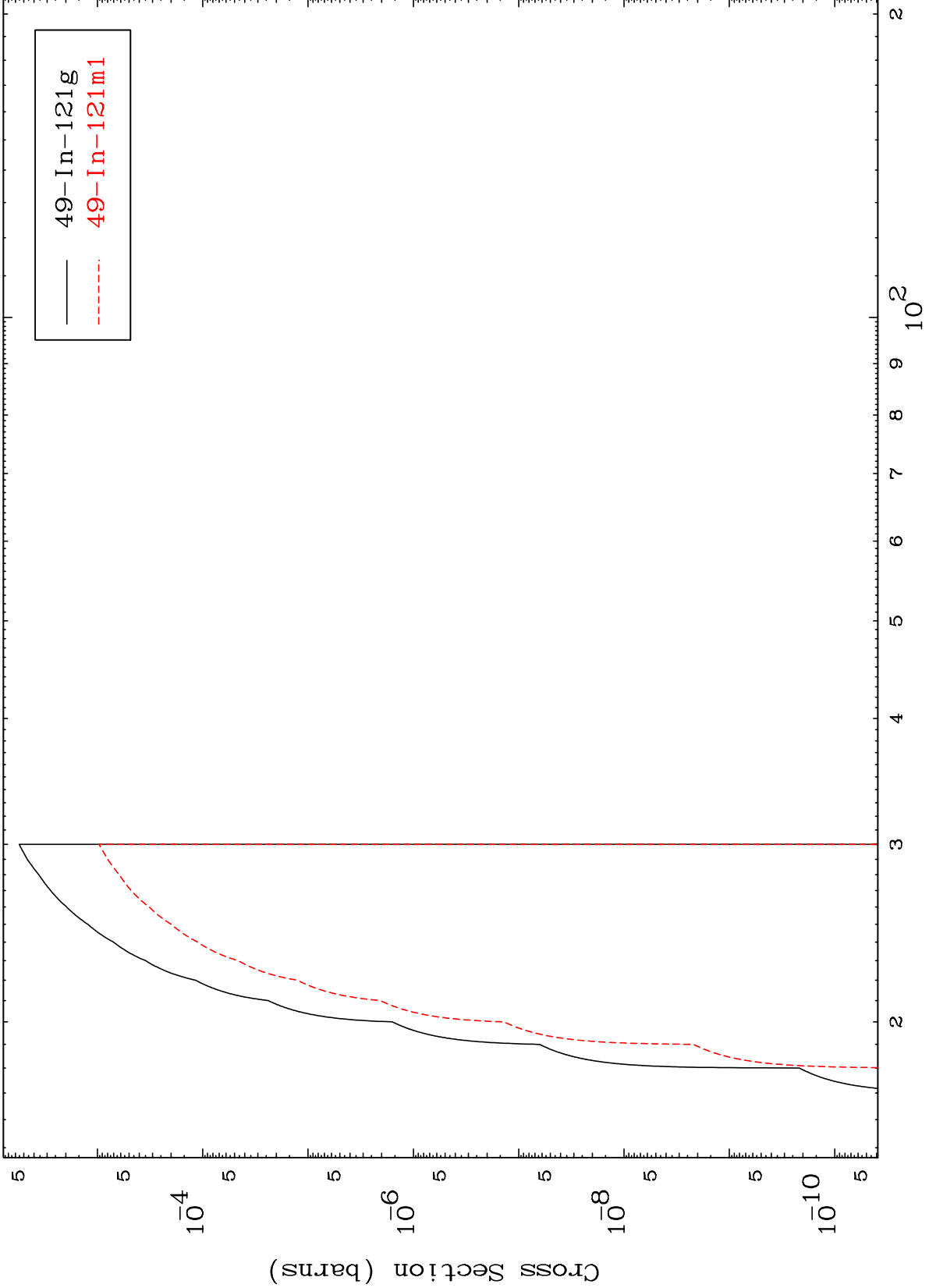
50-Sn-123

MAT 5059

(n,n') d

50-Sn-123

Radionuclide Production Cross Section

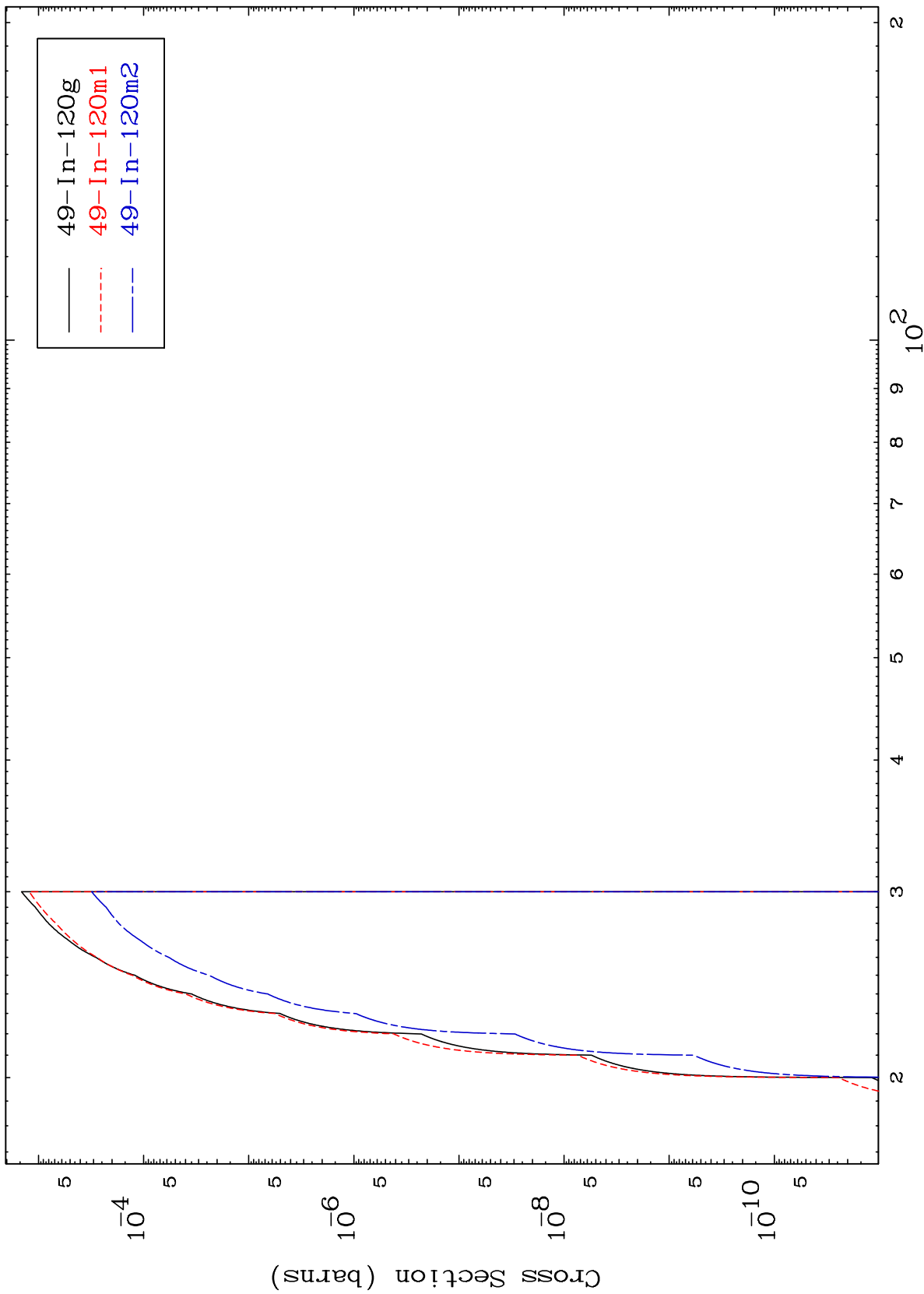


25

Incident Energy (MeV)

50-Sn-123

Radionuclide Production Cross Section

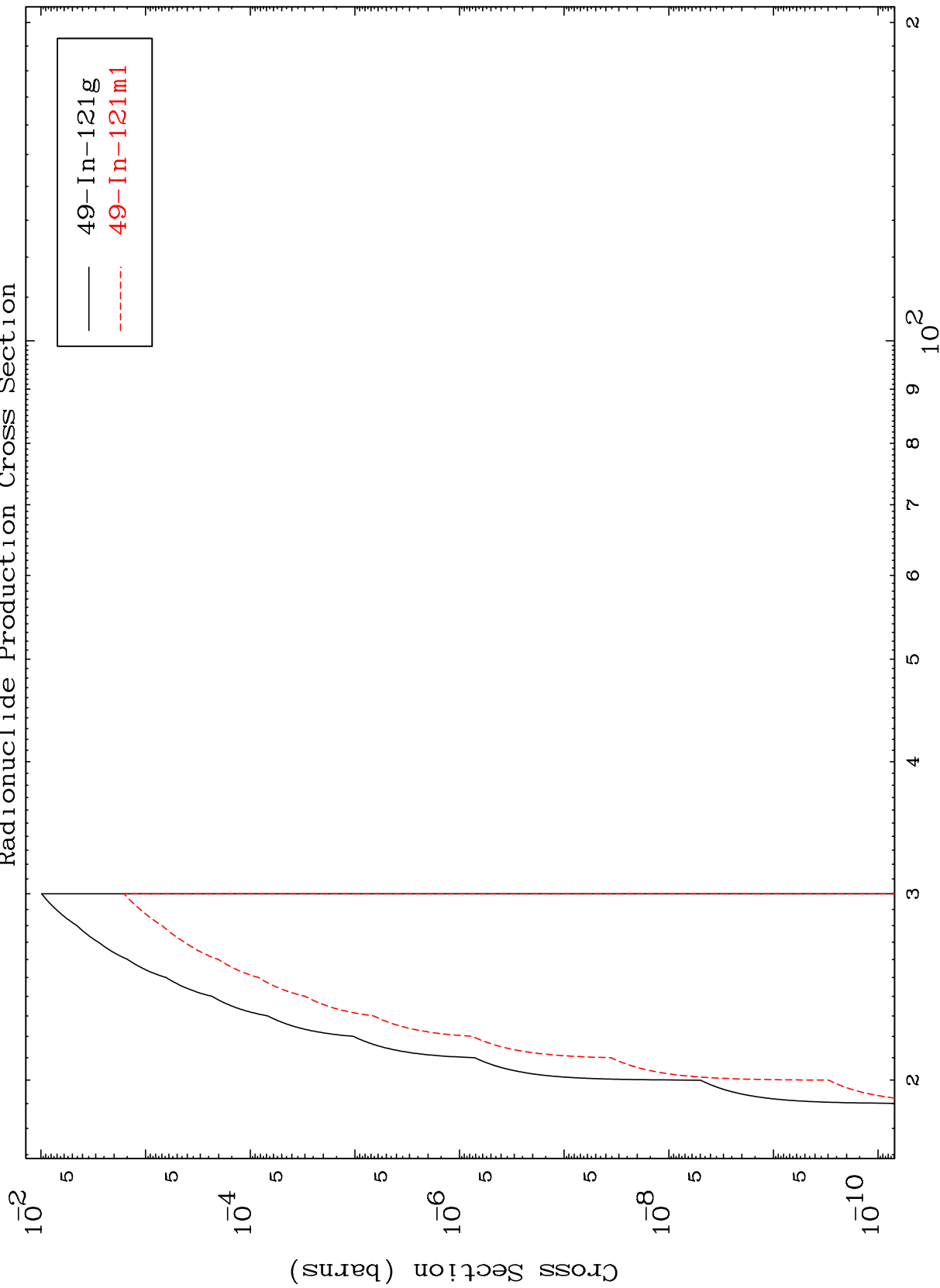


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(n,2n) p

50-Sn-123

Radionuclide Production Cross Section



49-In-121g
49-In-121m1

27

Incident Energy (MeV)

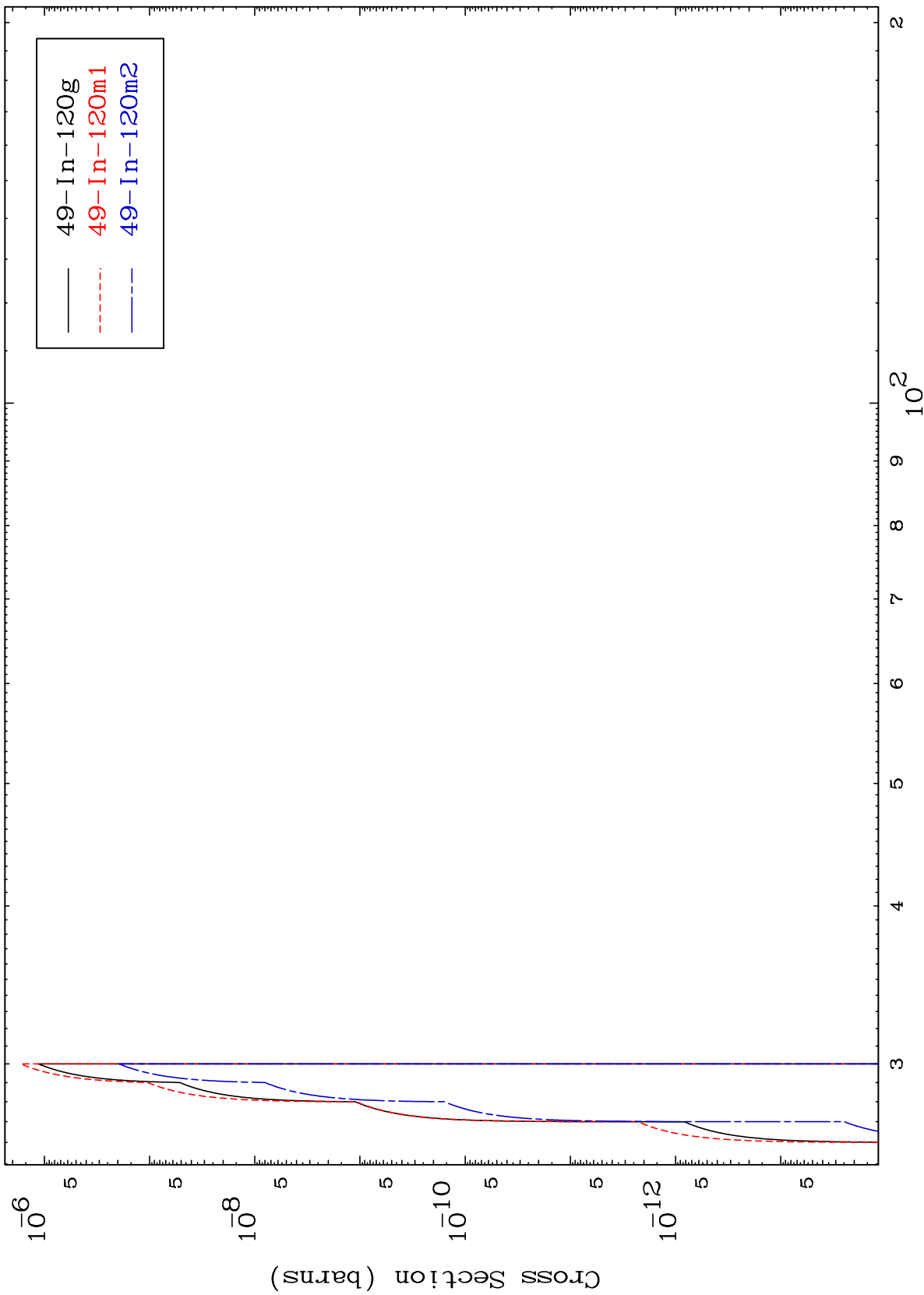
50-Sn-123

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(n,3n) p

50-Sn-123

Radionuclide Production Cross Section



28

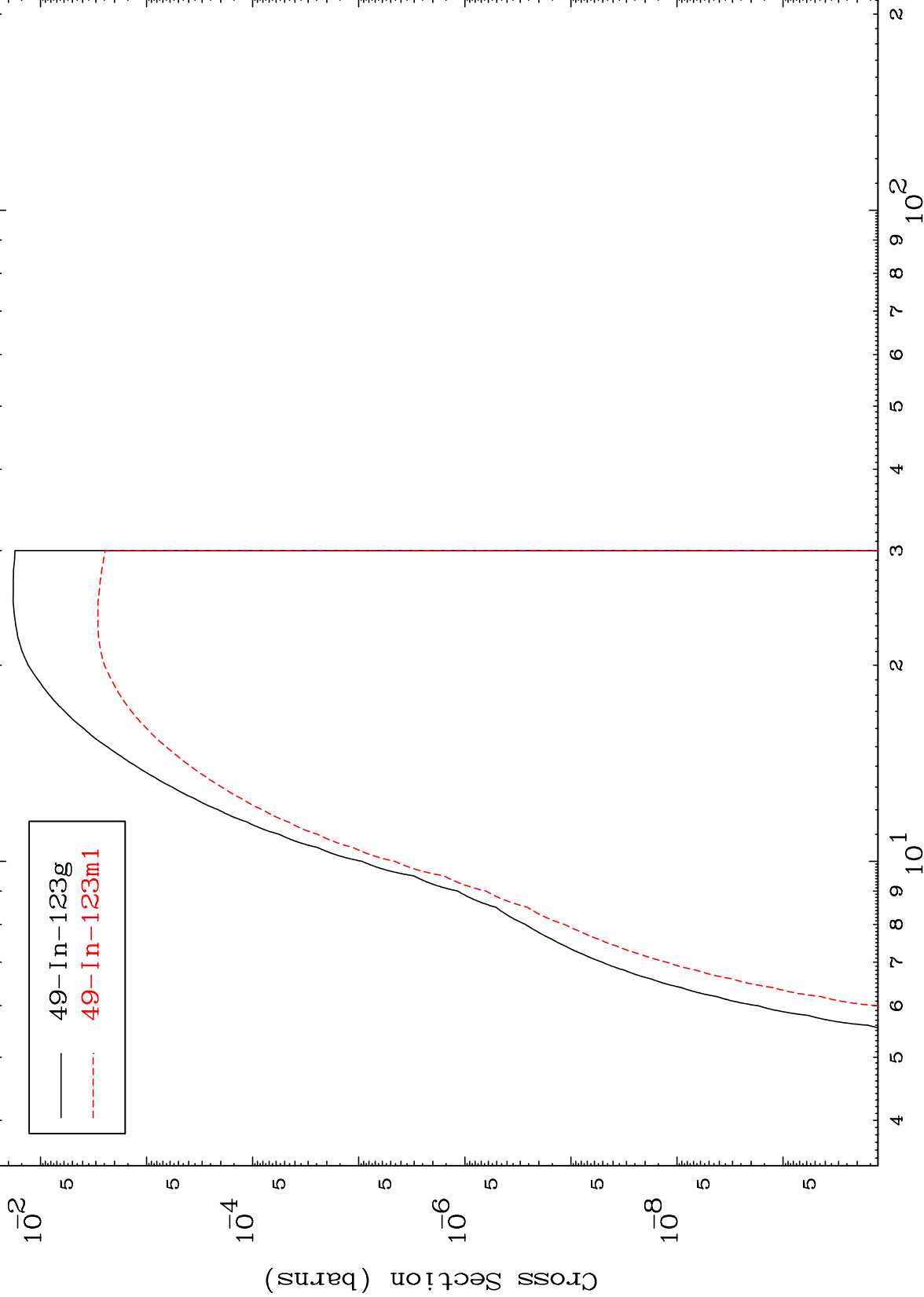
Incident Energy (MeV)

50-Sn-123

MAT 5059

50-Sn-123

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-123

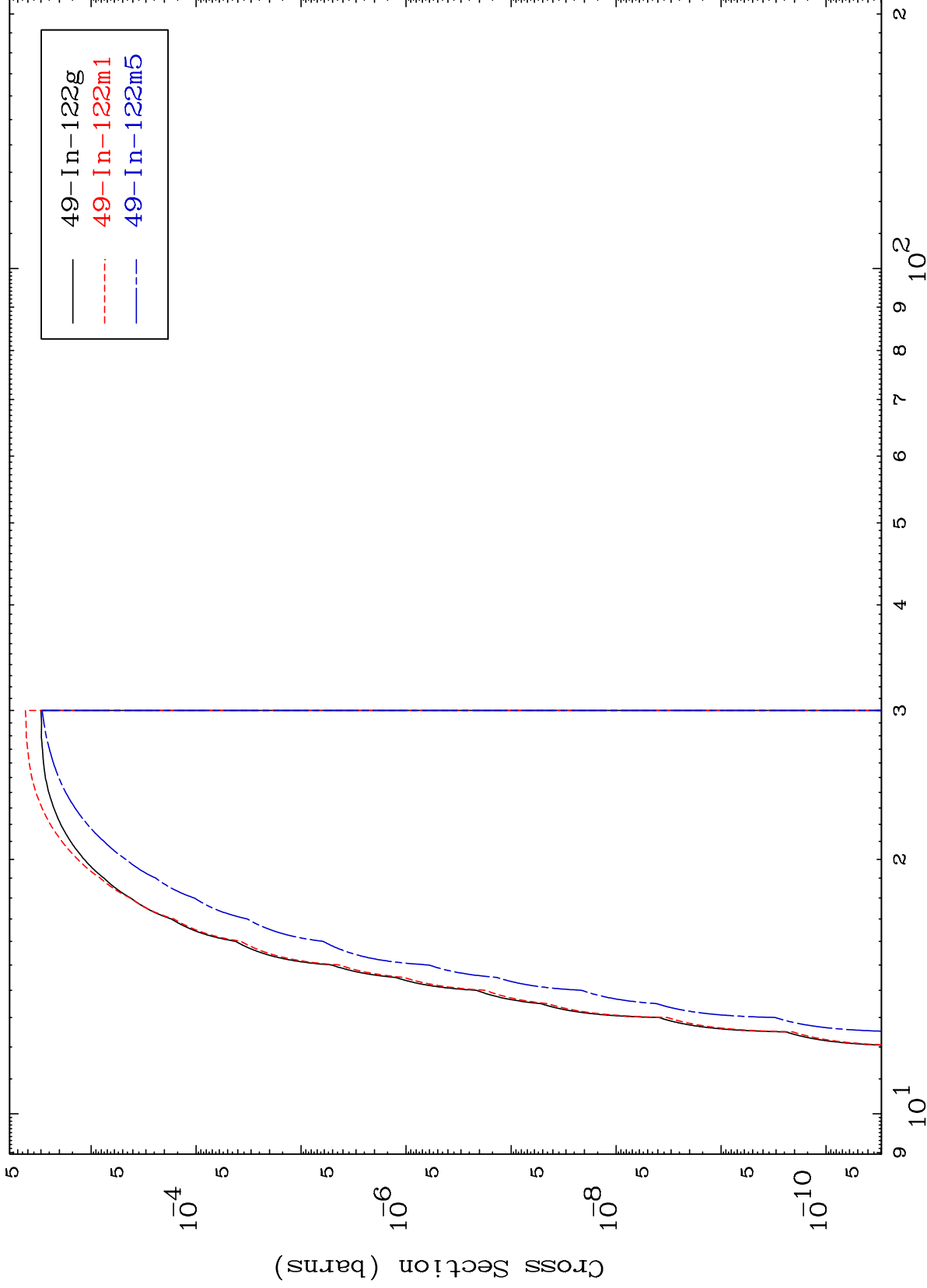
29

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(n,d)

50-Sn-123

Radionuclide Production Cross Section



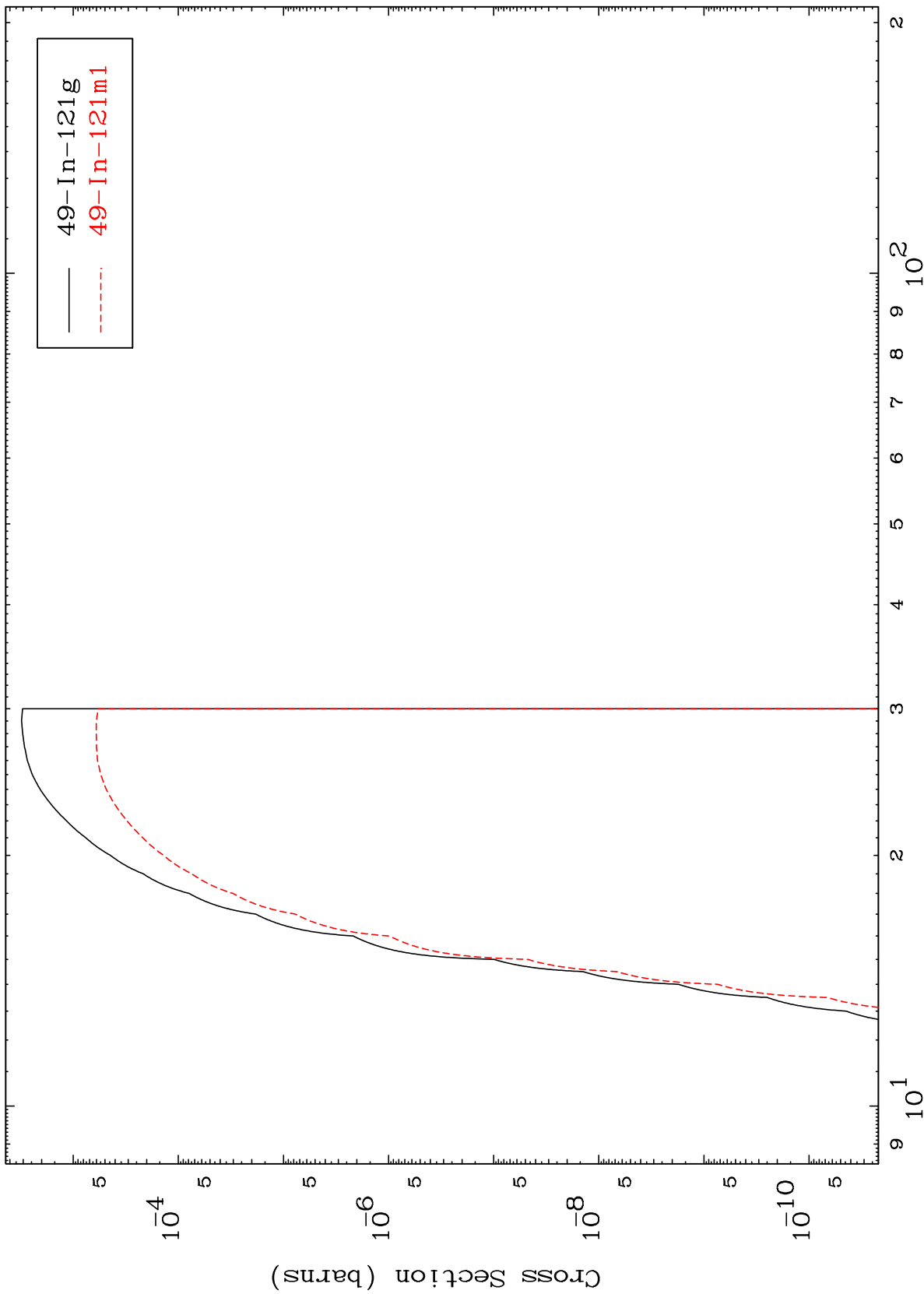
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(n,t)
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

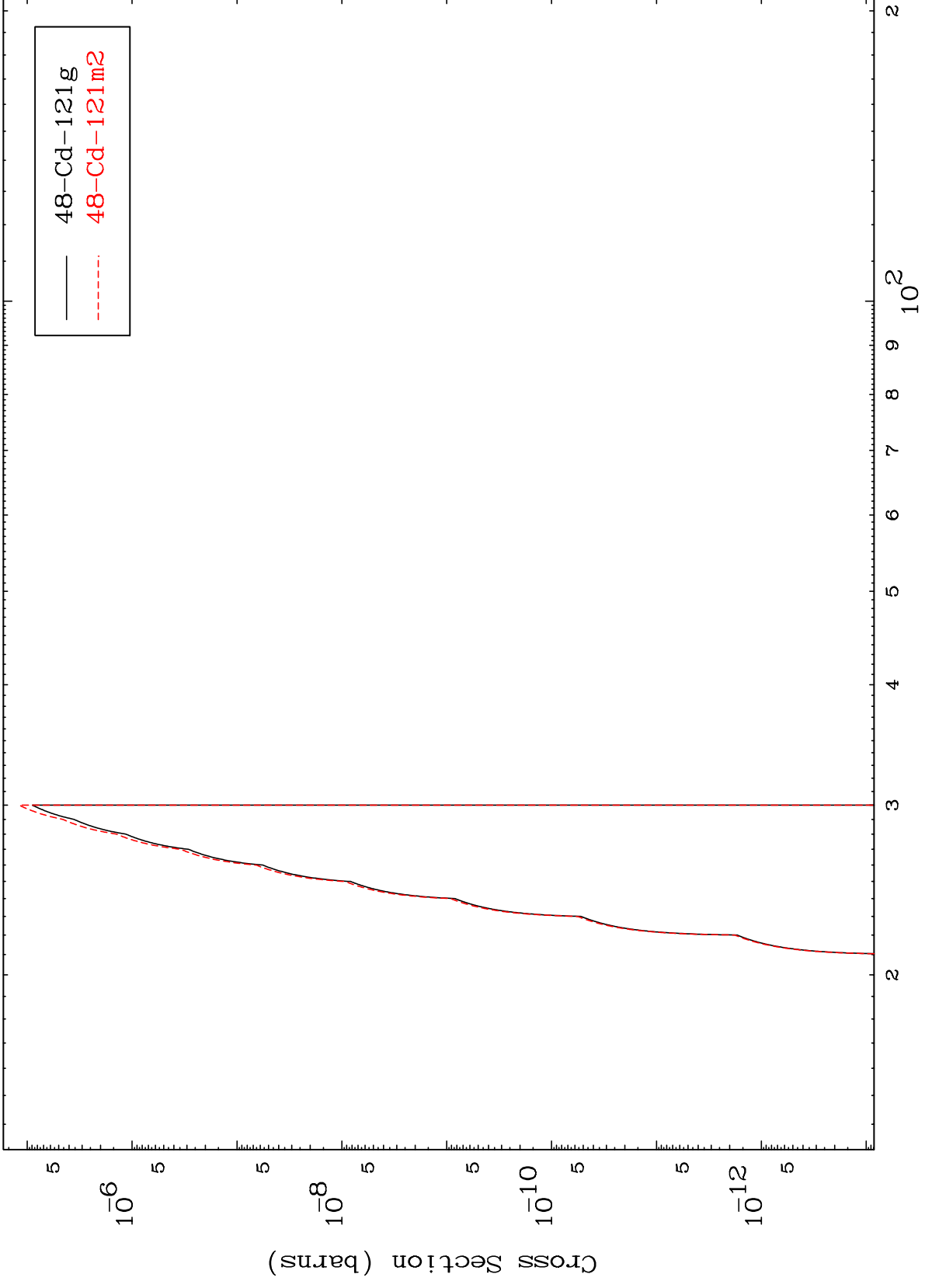
31

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(n,He-3)

50-Sn-123

Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-123