

Program EVALPLOT
(Version 2015-2)

by

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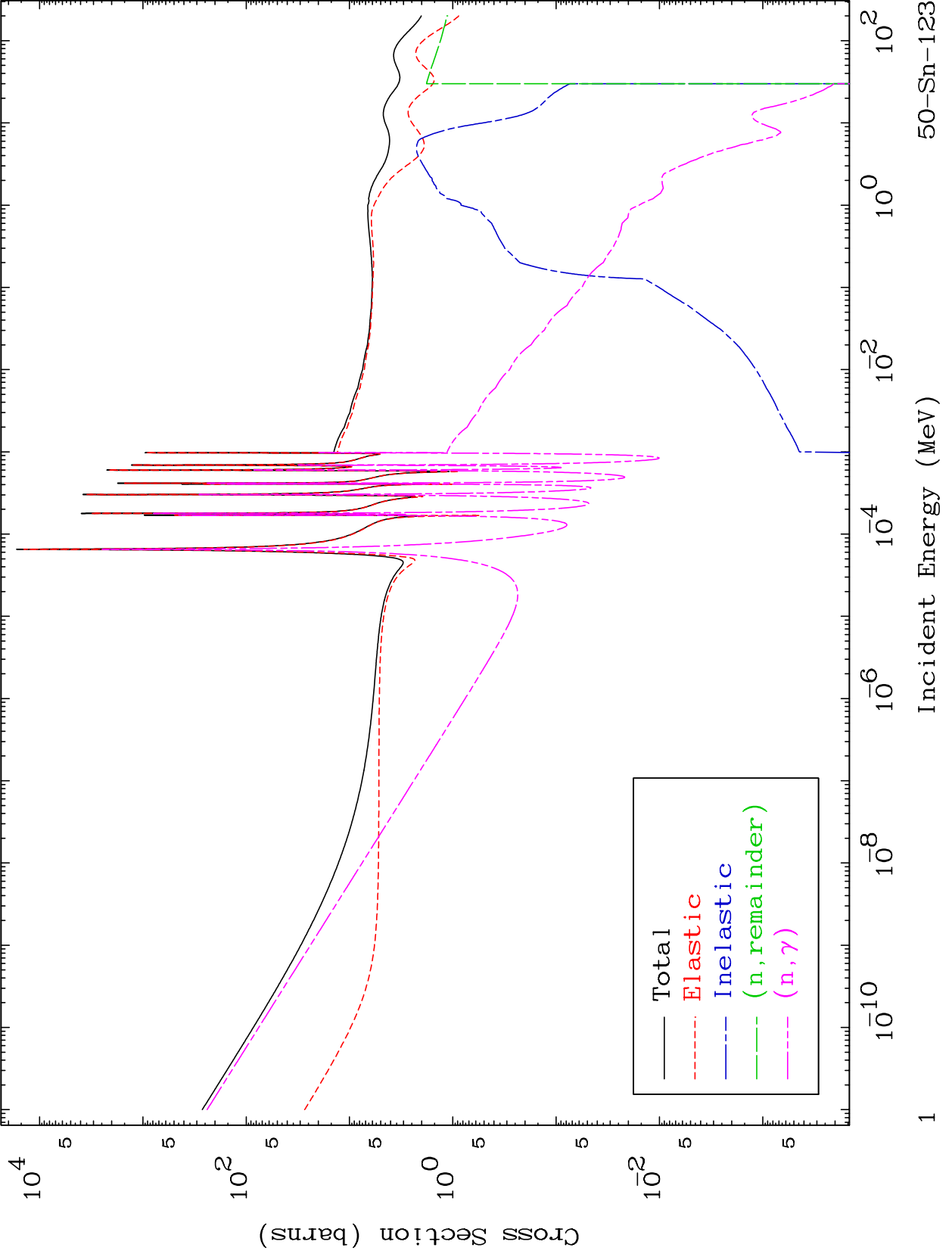
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

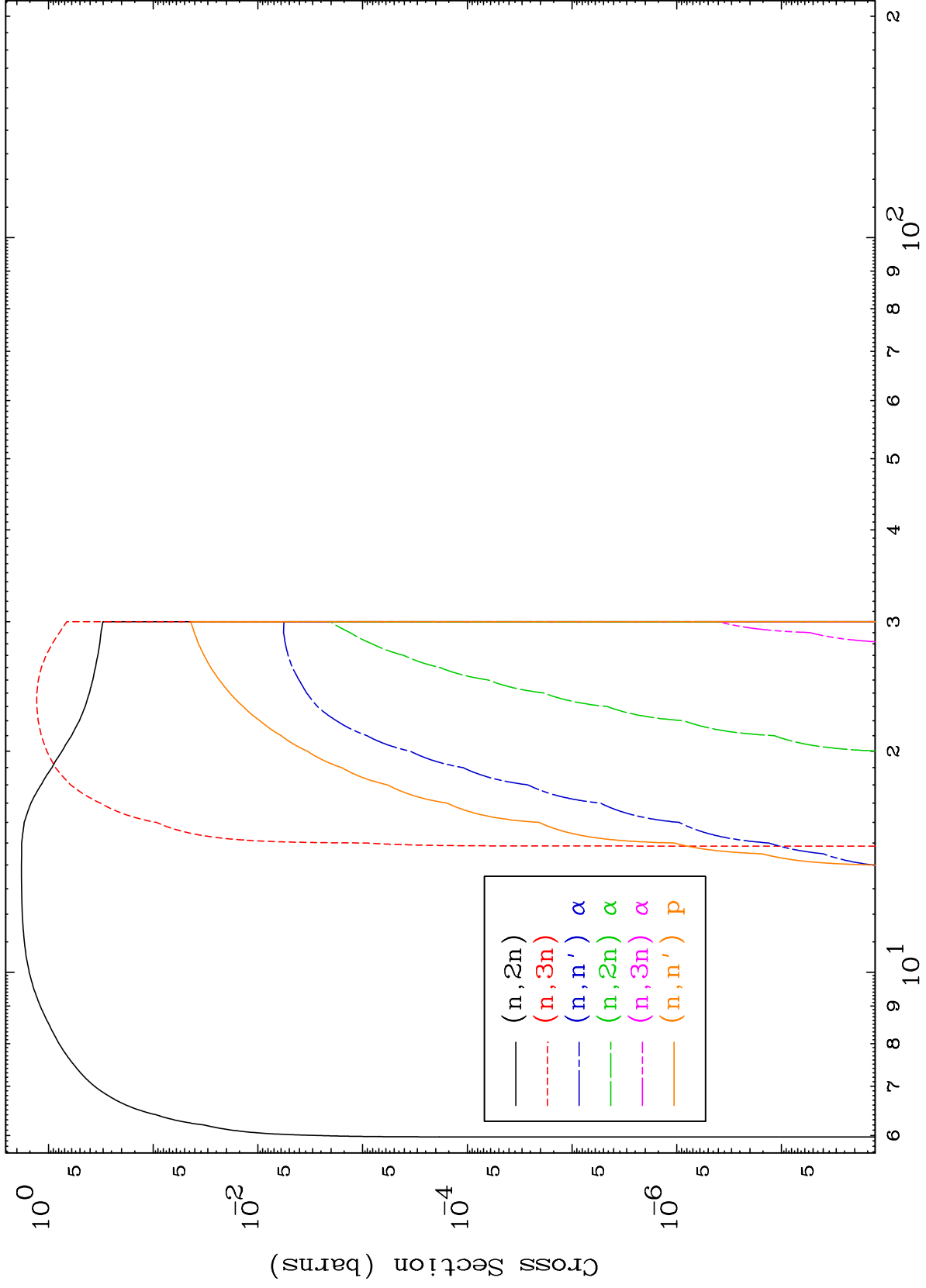
Press Mouse Button to Start

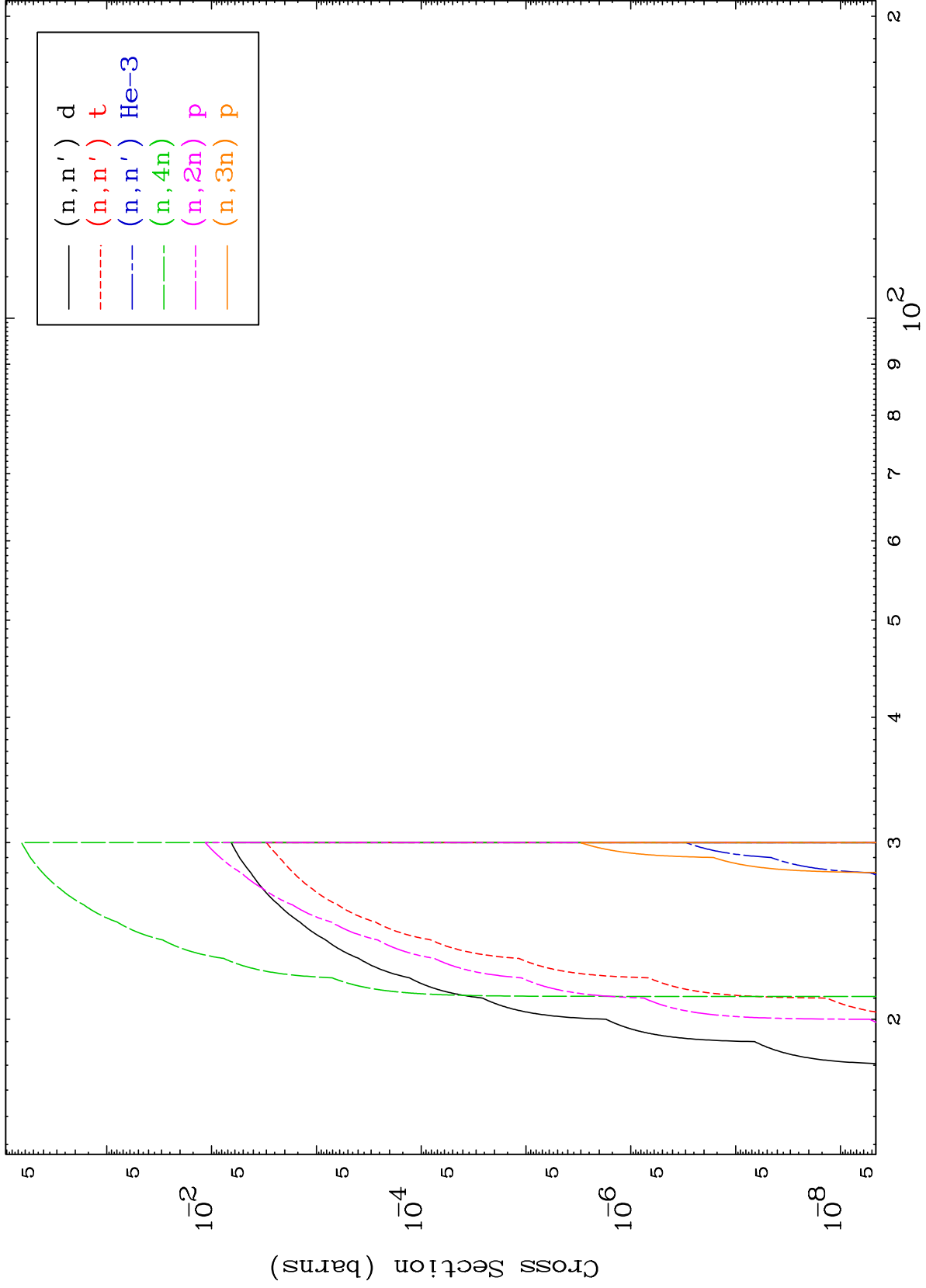
MAT 5059

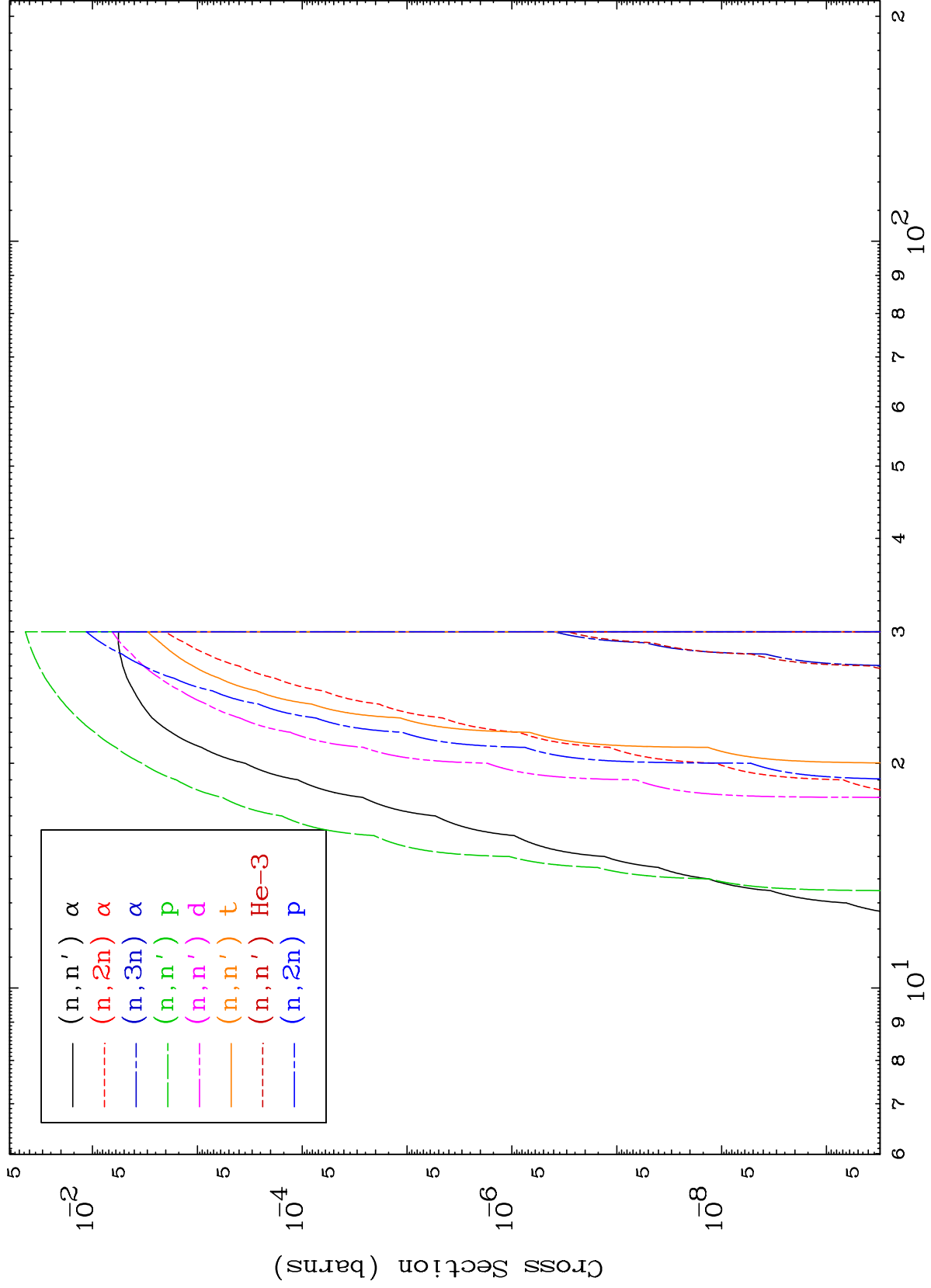
Major
293 Kelvin Cross Sections

50-Sn-123





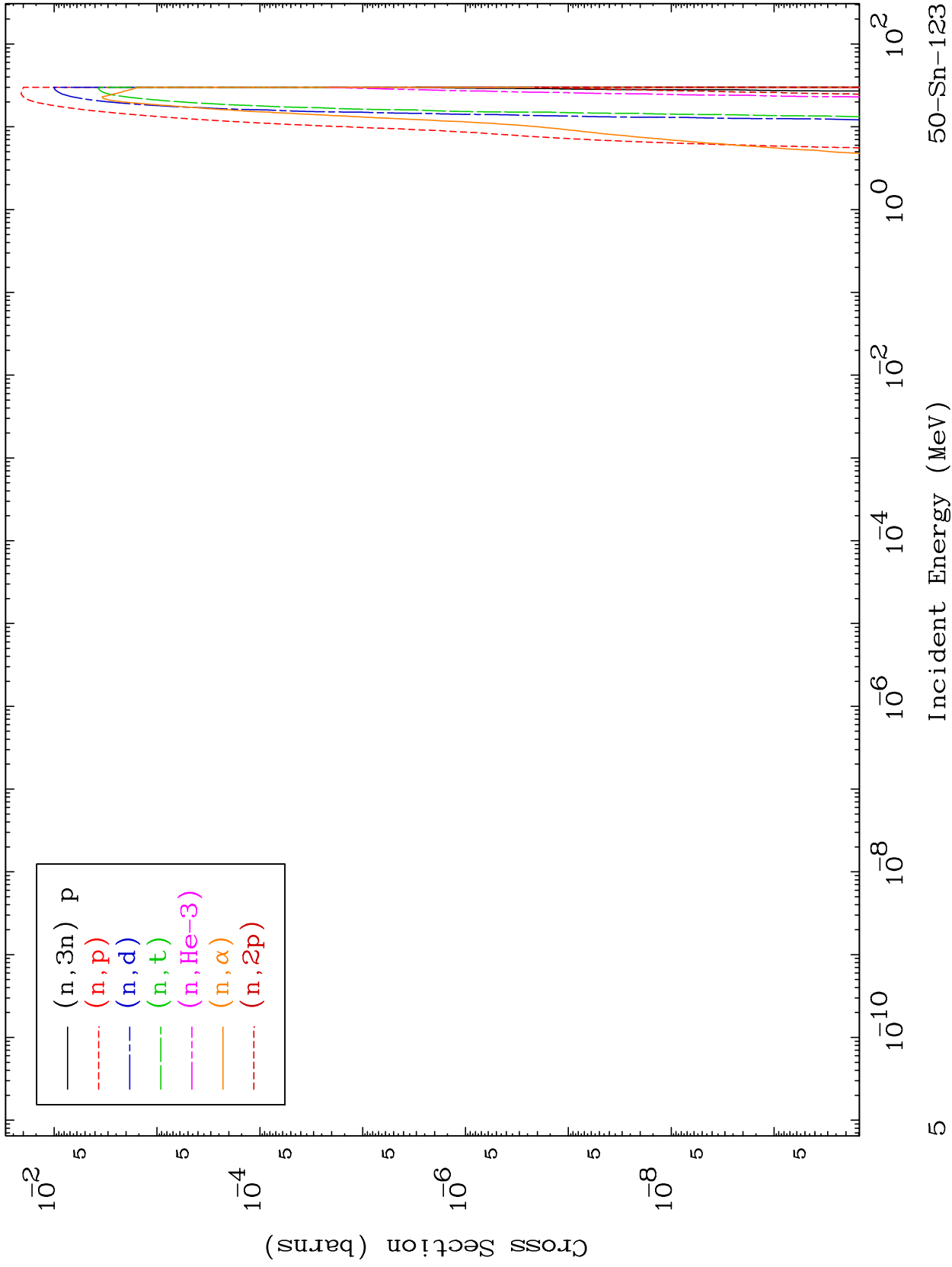




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Charged Particle
293 Kelvin Cross Sections

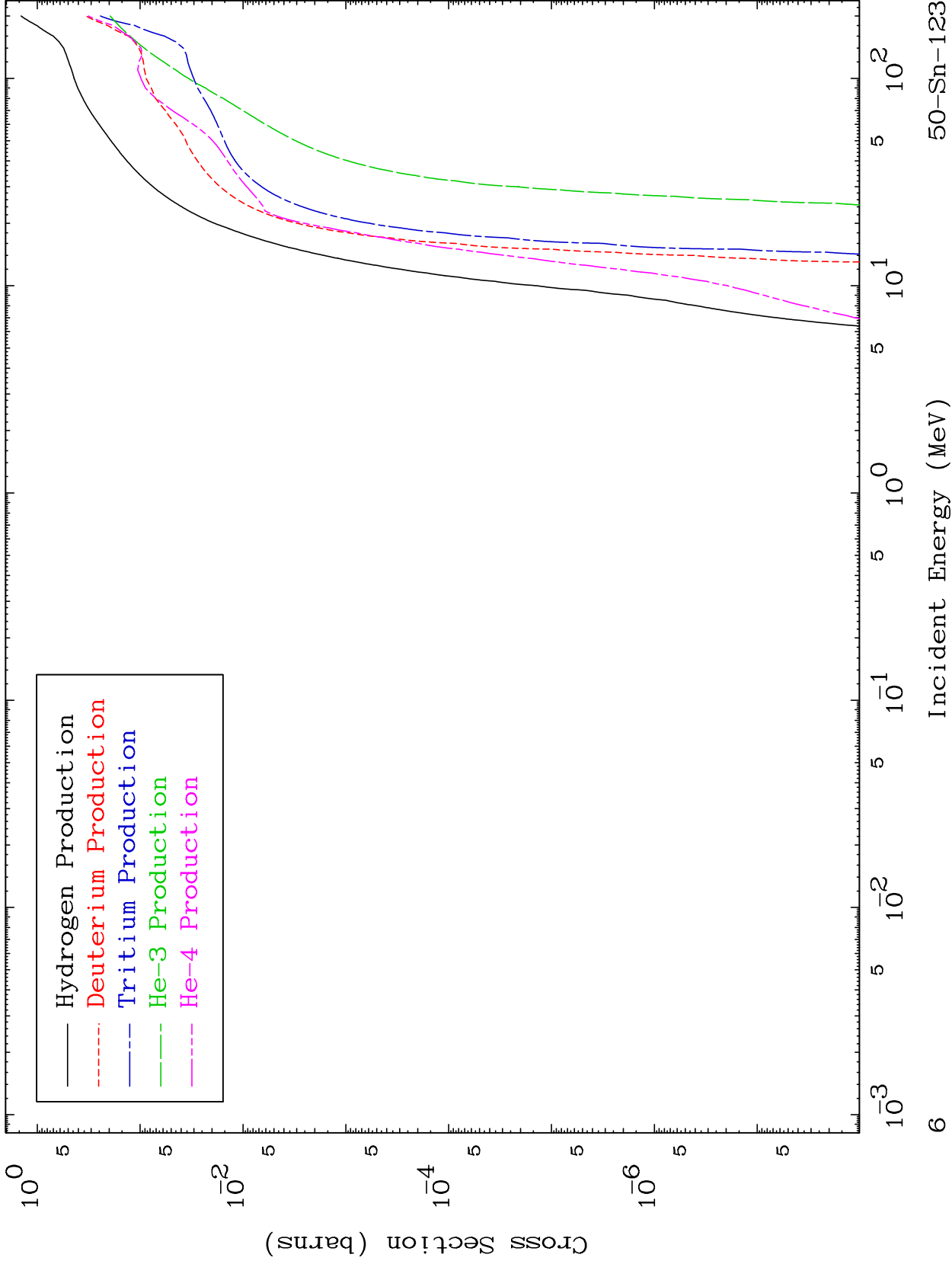
50-Sn-123



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Particle Production
293 Kelvin Cross Sections

50-Sn-123



50-Sn-123

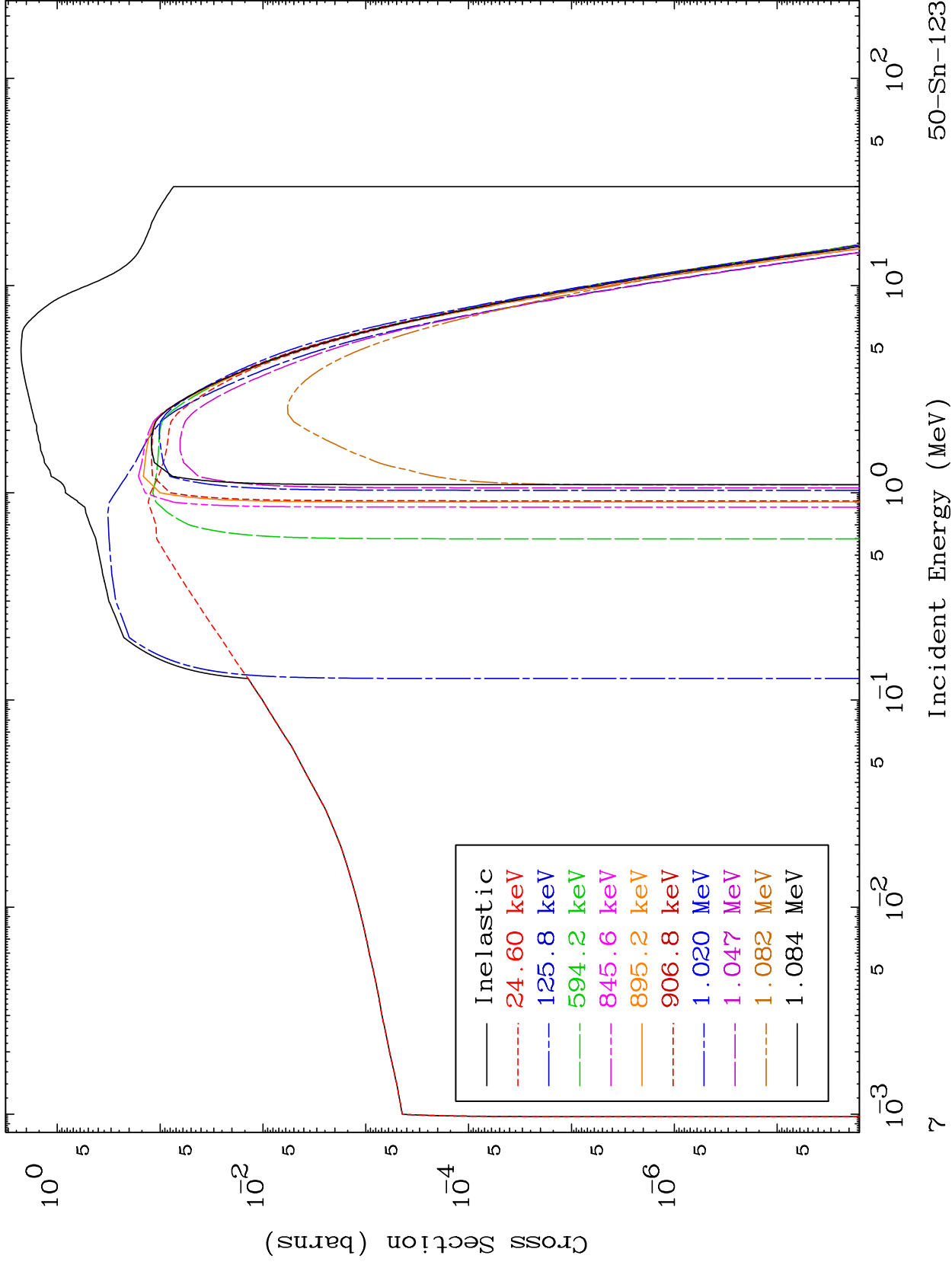
Incident Energy (MeV)

6

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(n,n') Level
293 Kelvin Cross Sections

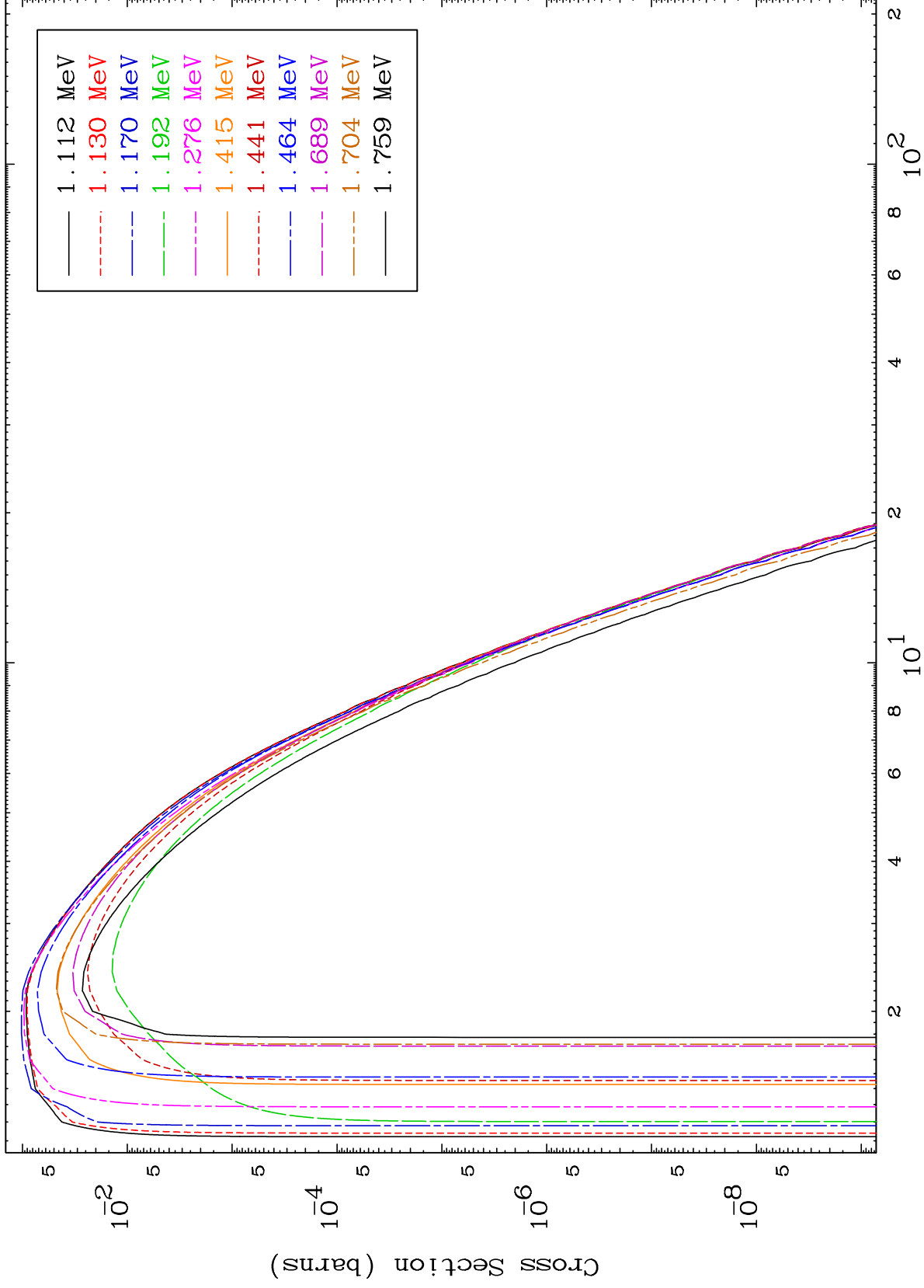
50-Sn-123



MAT 5059

(n,n') Level
293 Kelvin Cross Sections

50-Sn-123



8

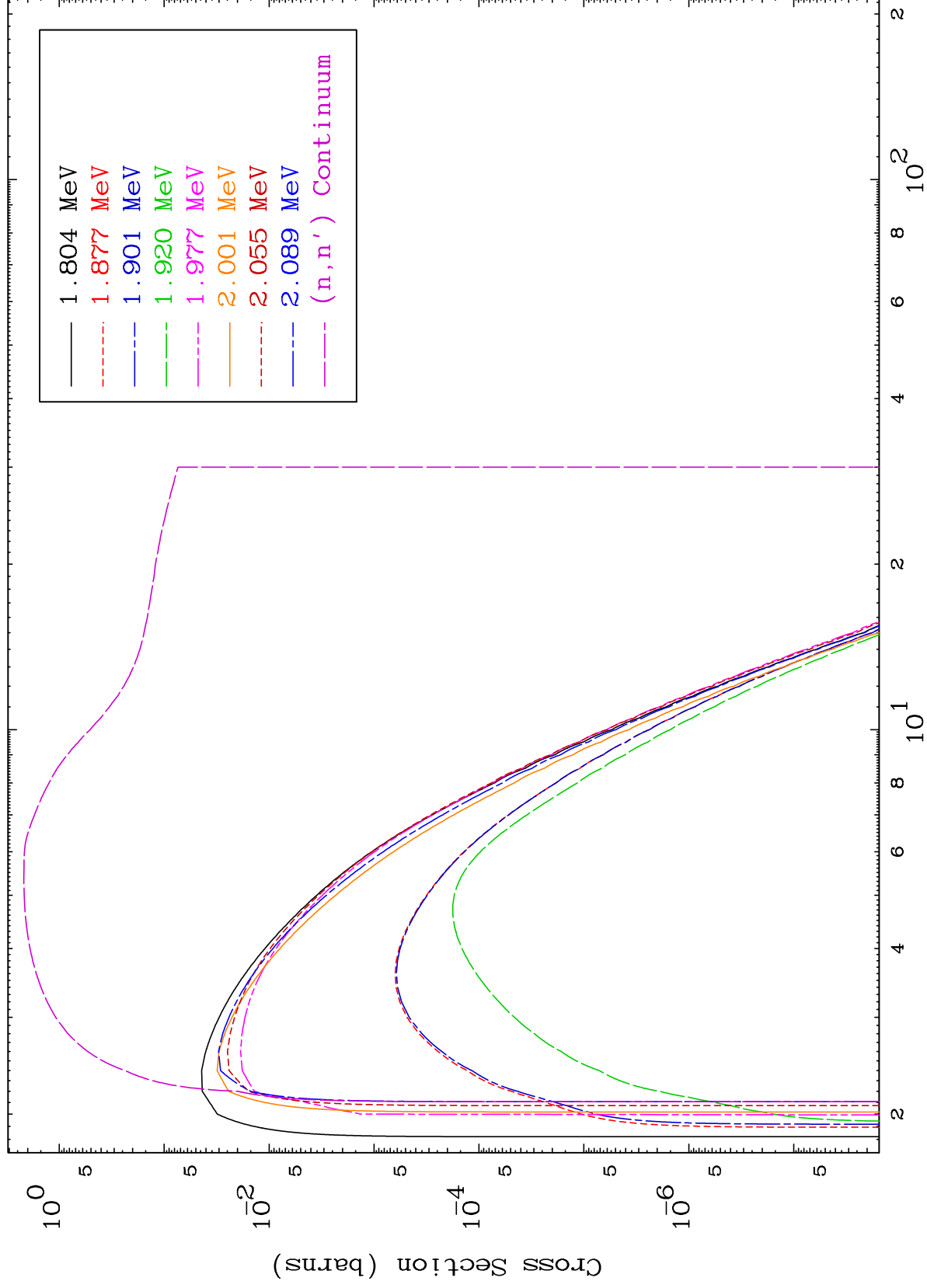
Incident Energy (MeV)

50-Sn-123

MAT 5059

(n,n') Level
293 Kelvin Cross Sections

50-Sn-123



9

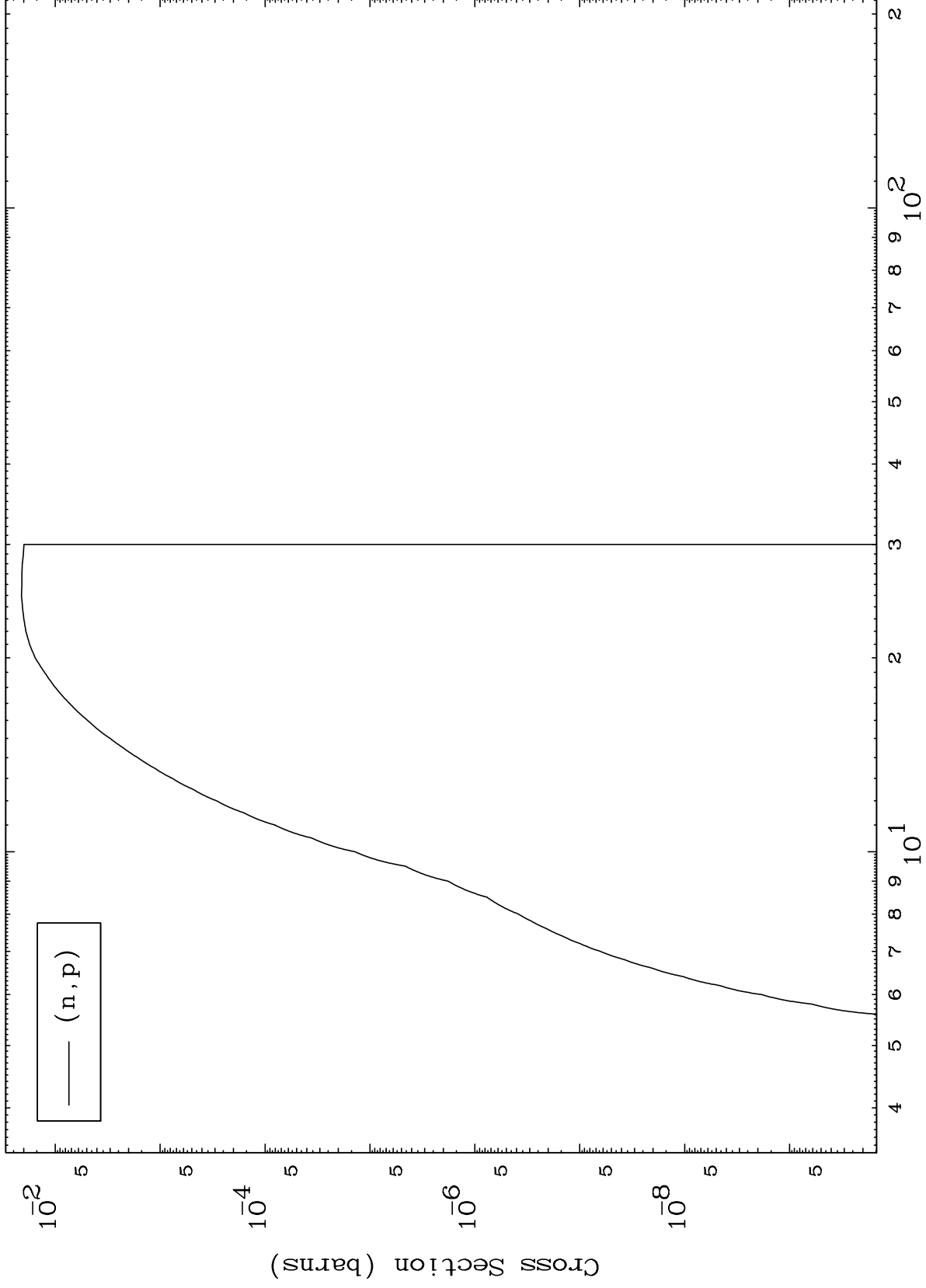
Incident Energy (MeV)

50-Sn-123

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(n,p) Levels
293 Kelvin Cross Sections

50-Sn-123



10

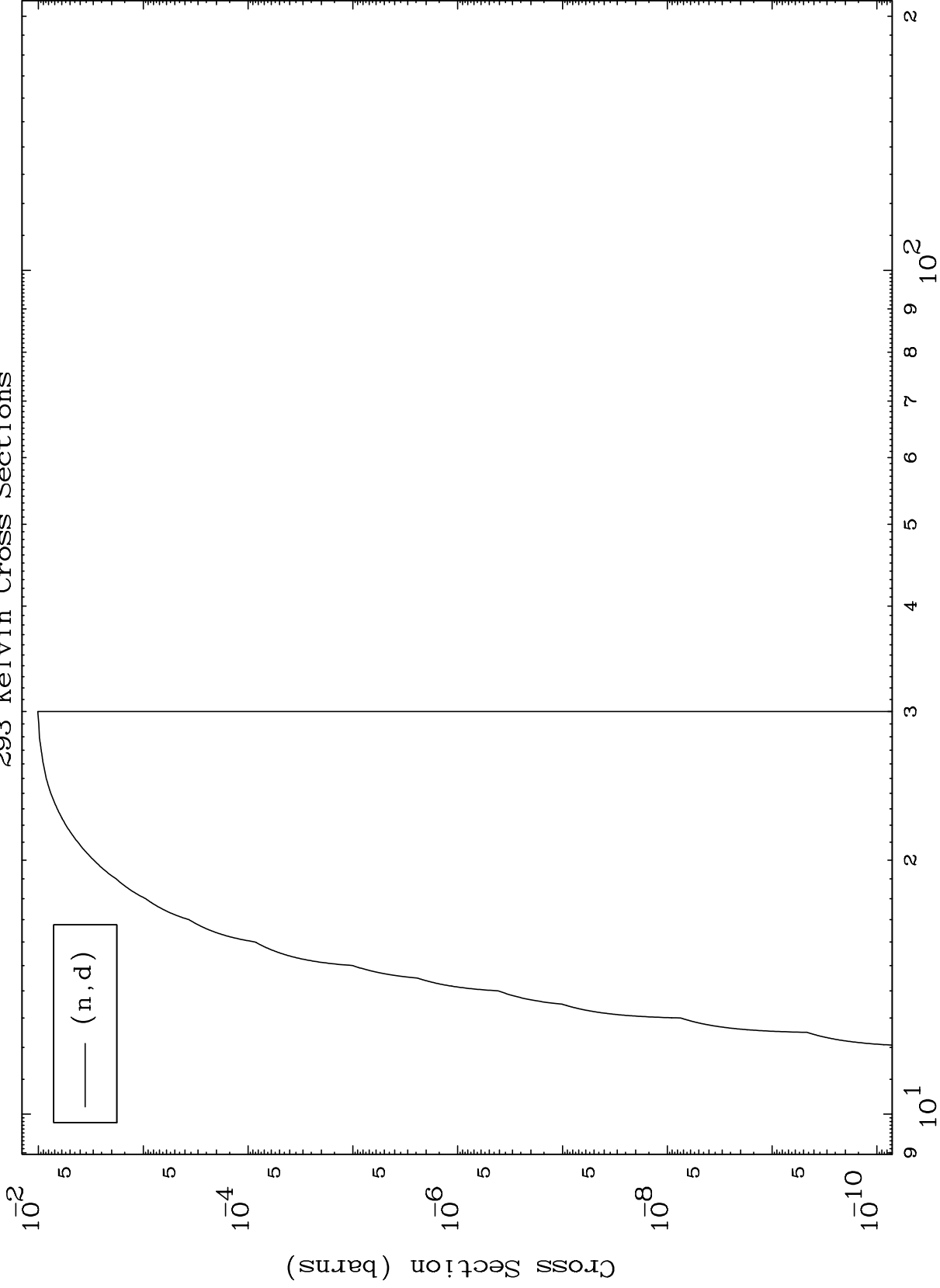
Incident Energy (MeV)

50-Sn-123

MAT 5059

(n,d) Levels
293 Kelvin Cross Sections

50-Sn-123



11

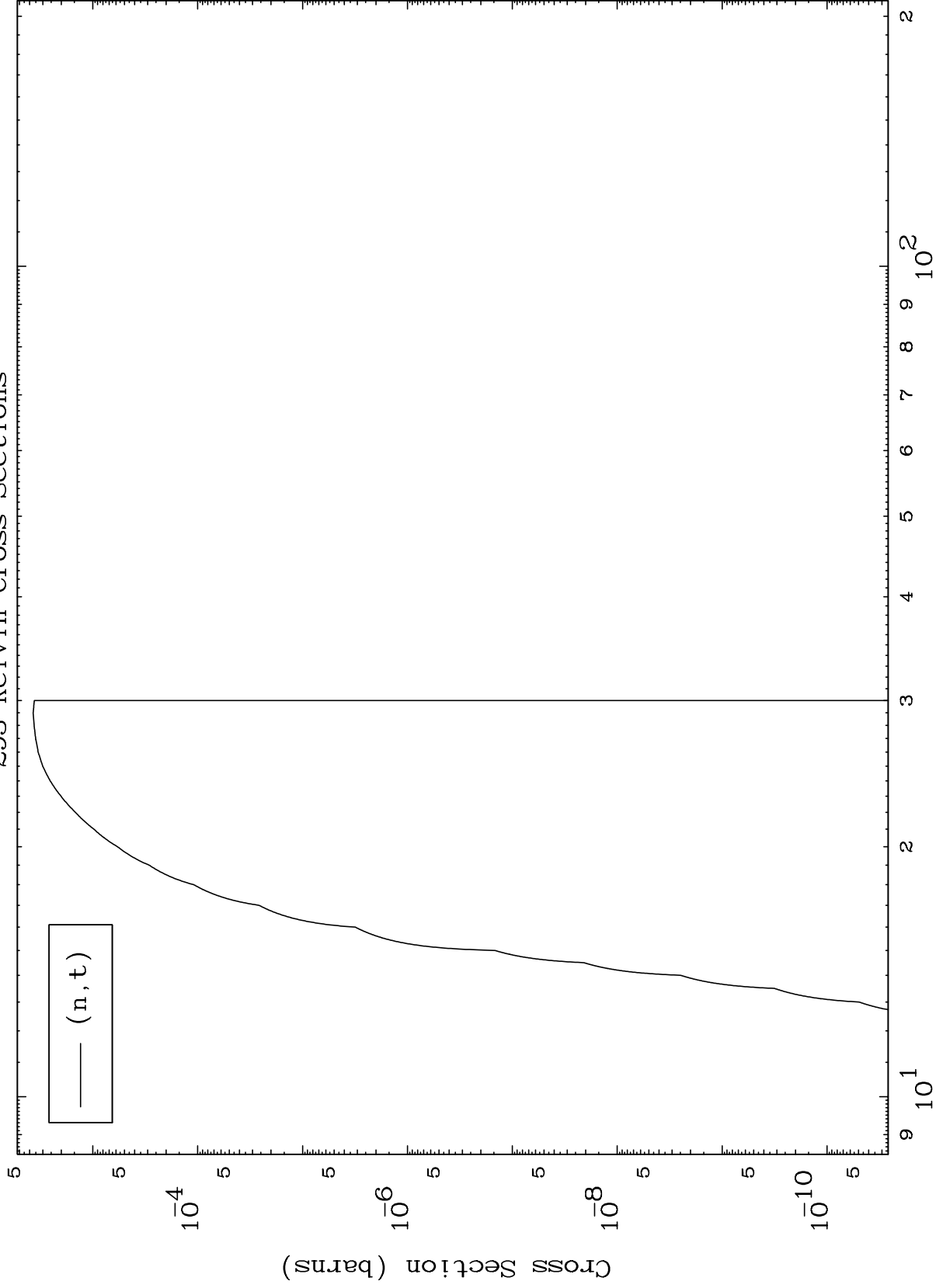
Incident Energy (MeV)

50-Sn-123

MAT 5059

(n,t) Levels
293 Kelvin Cross Sections

50-Sn-123



12

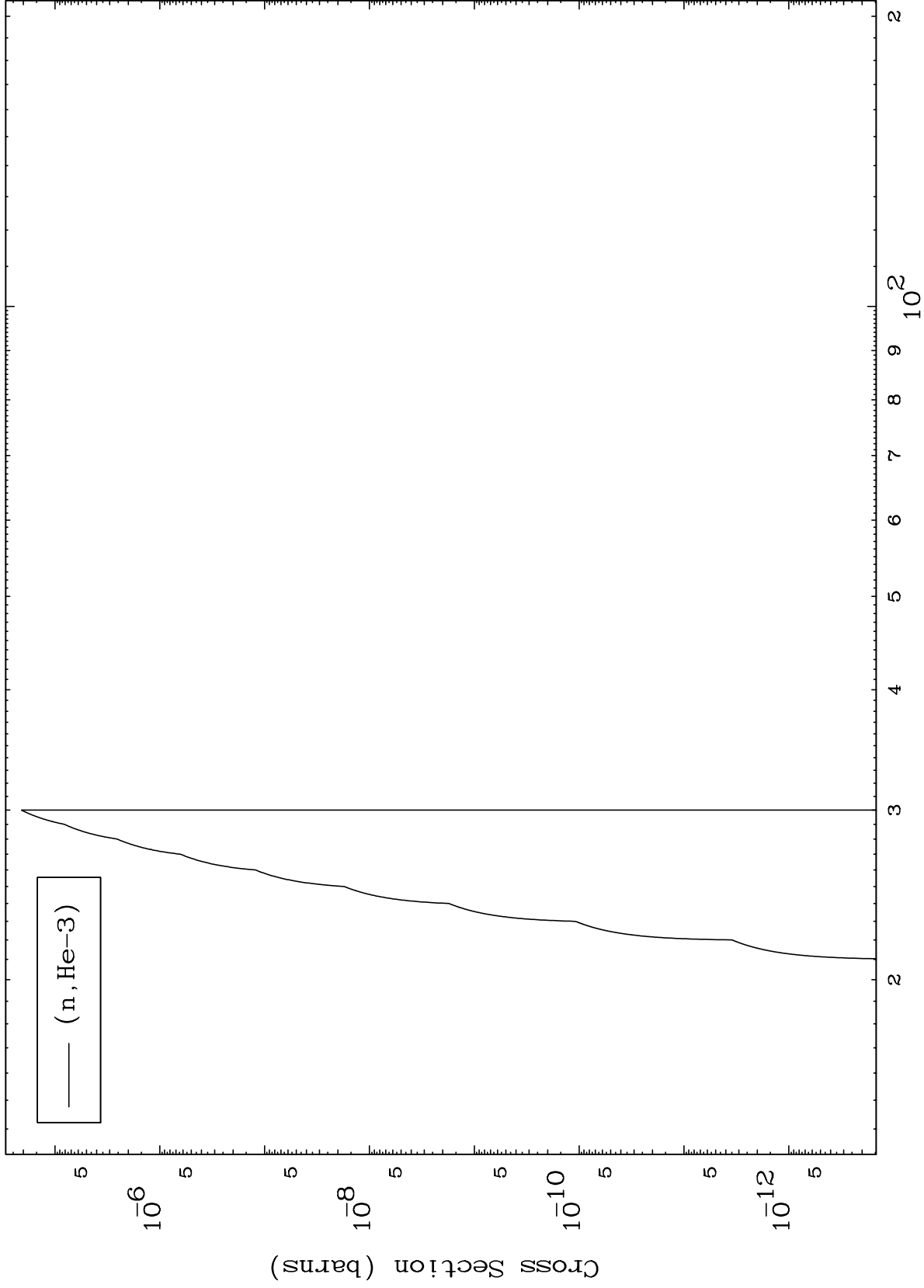
Incident Energy (MeV)

50-Sn-123

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(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-123



13

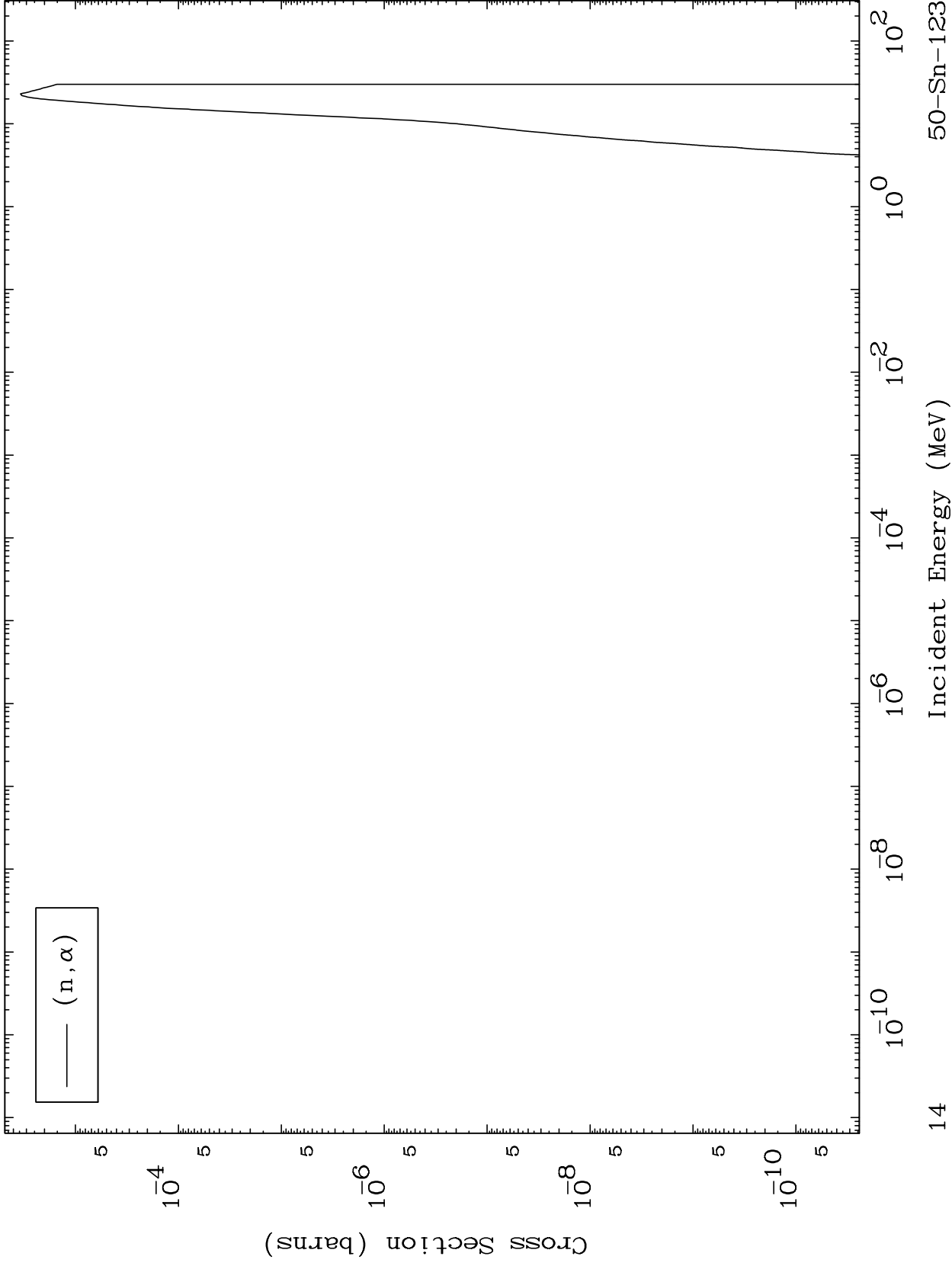
Incident Energy (MeV)

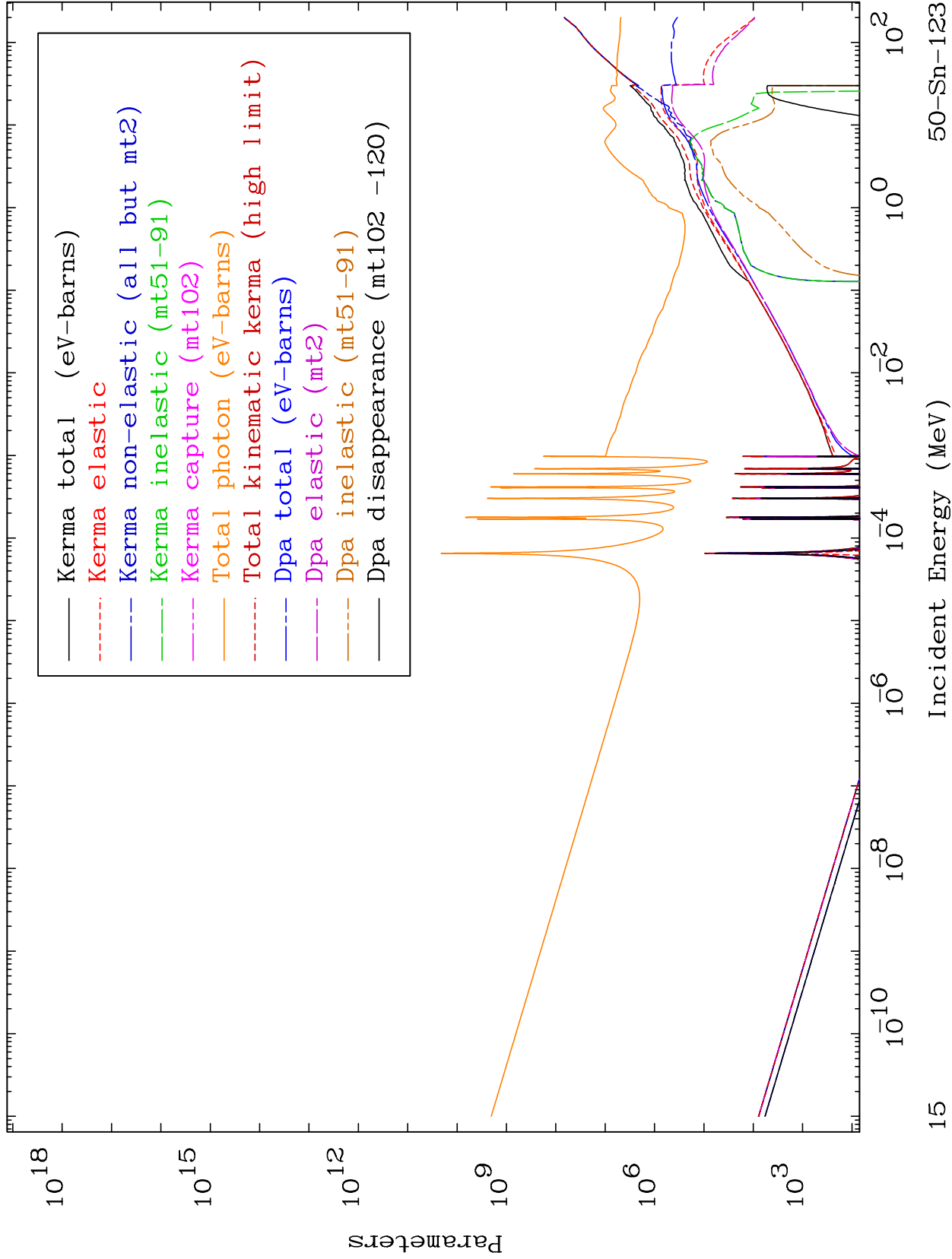
50-Sn-123

MAT 5059

(n, α) Levels
293 Kelvin Cross Sections

50-Sn-123

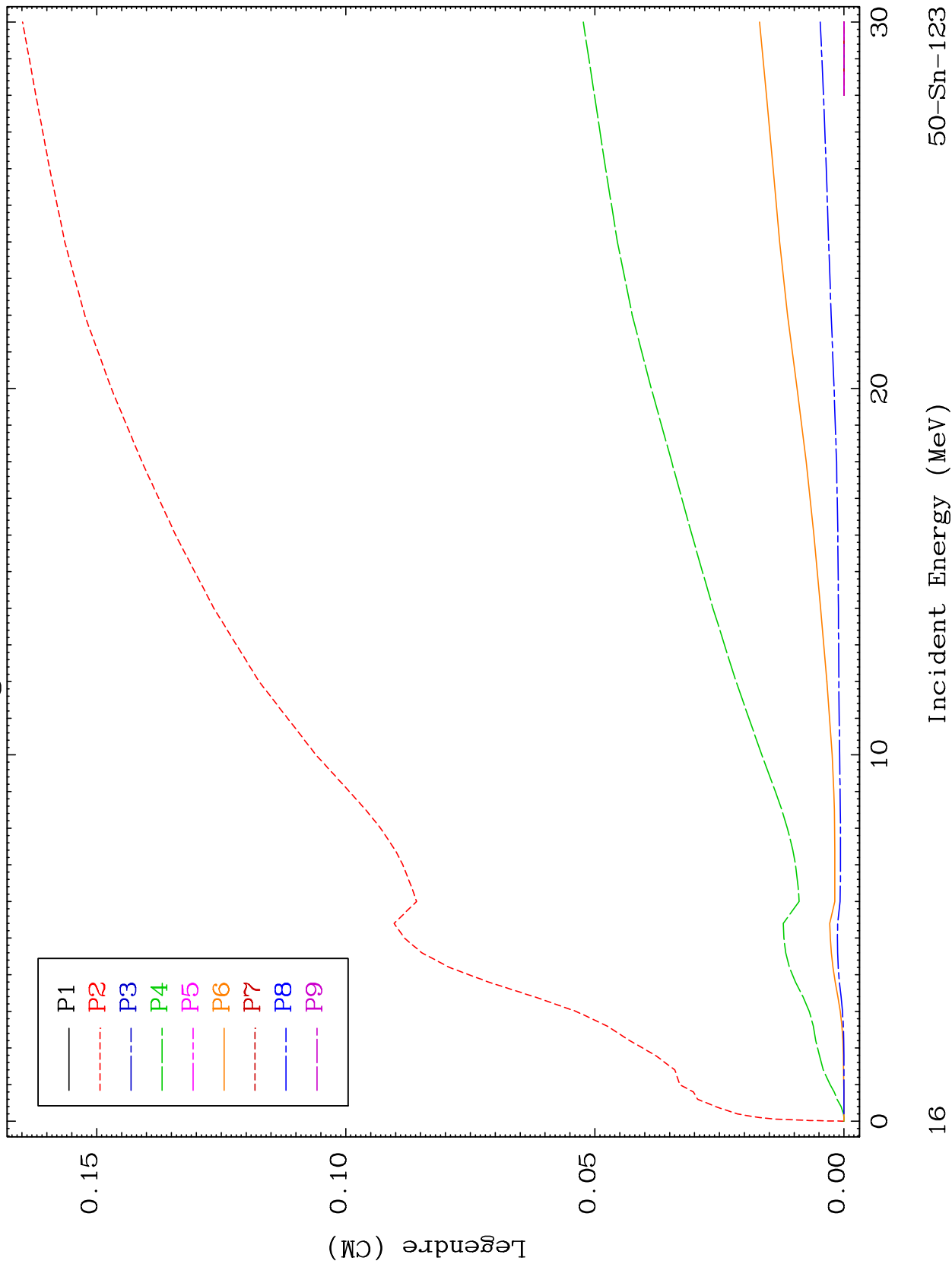




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Elastic Legendre Coefficients

50-Sn-123

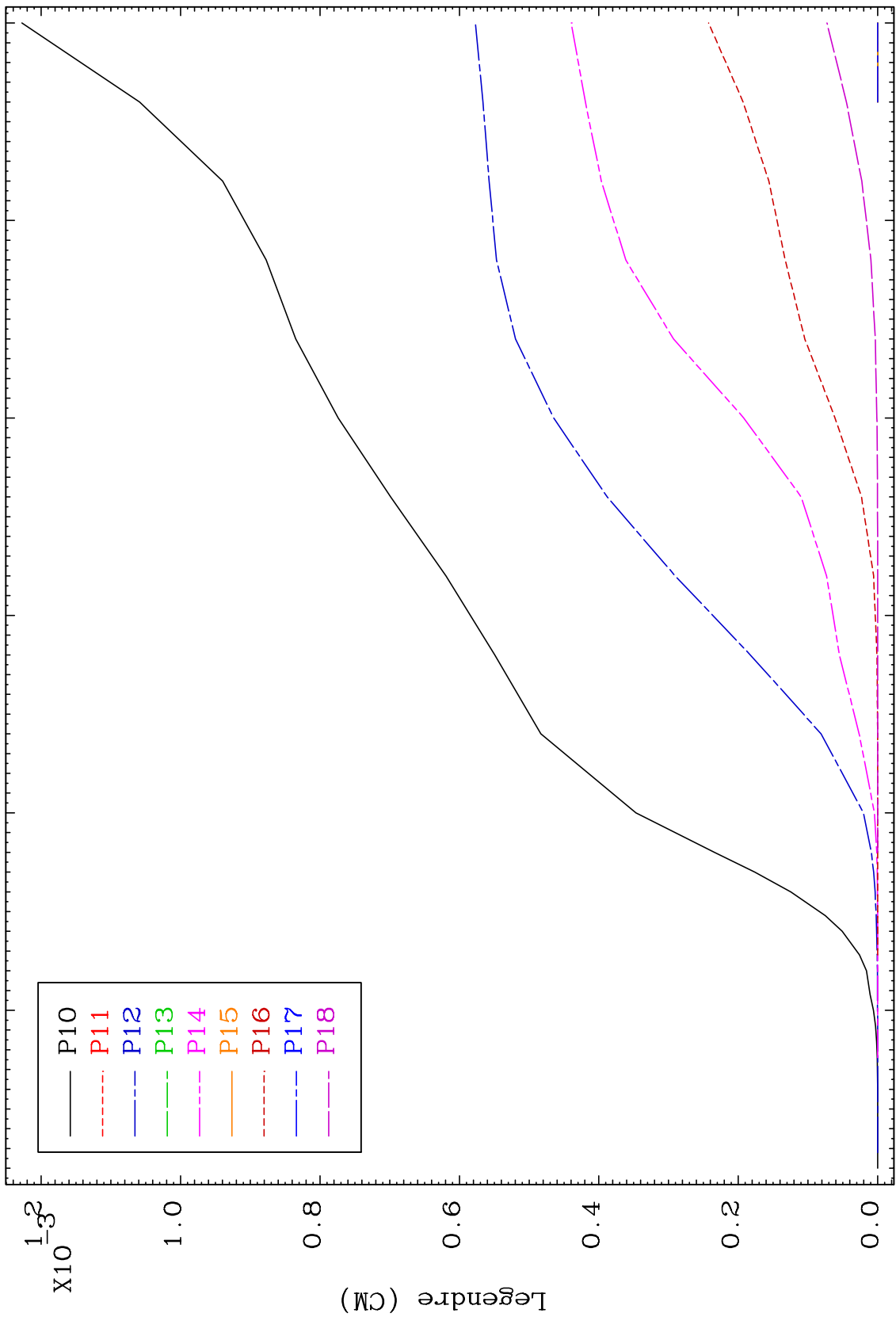


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Incident Energy (MeV)

50-Sn-123

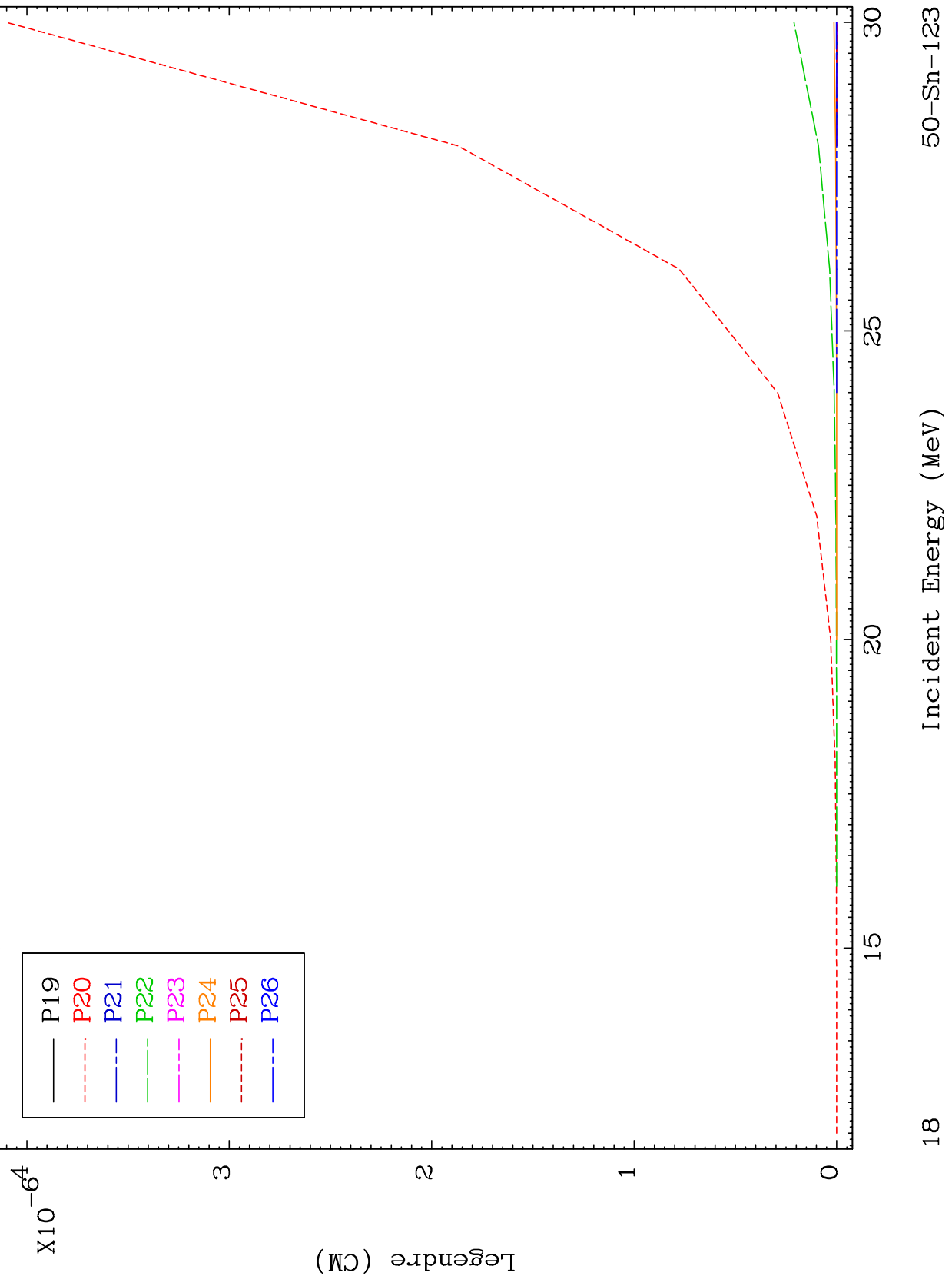
Elastic Legendre Coefficients



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Elastic Legendre Coefficients

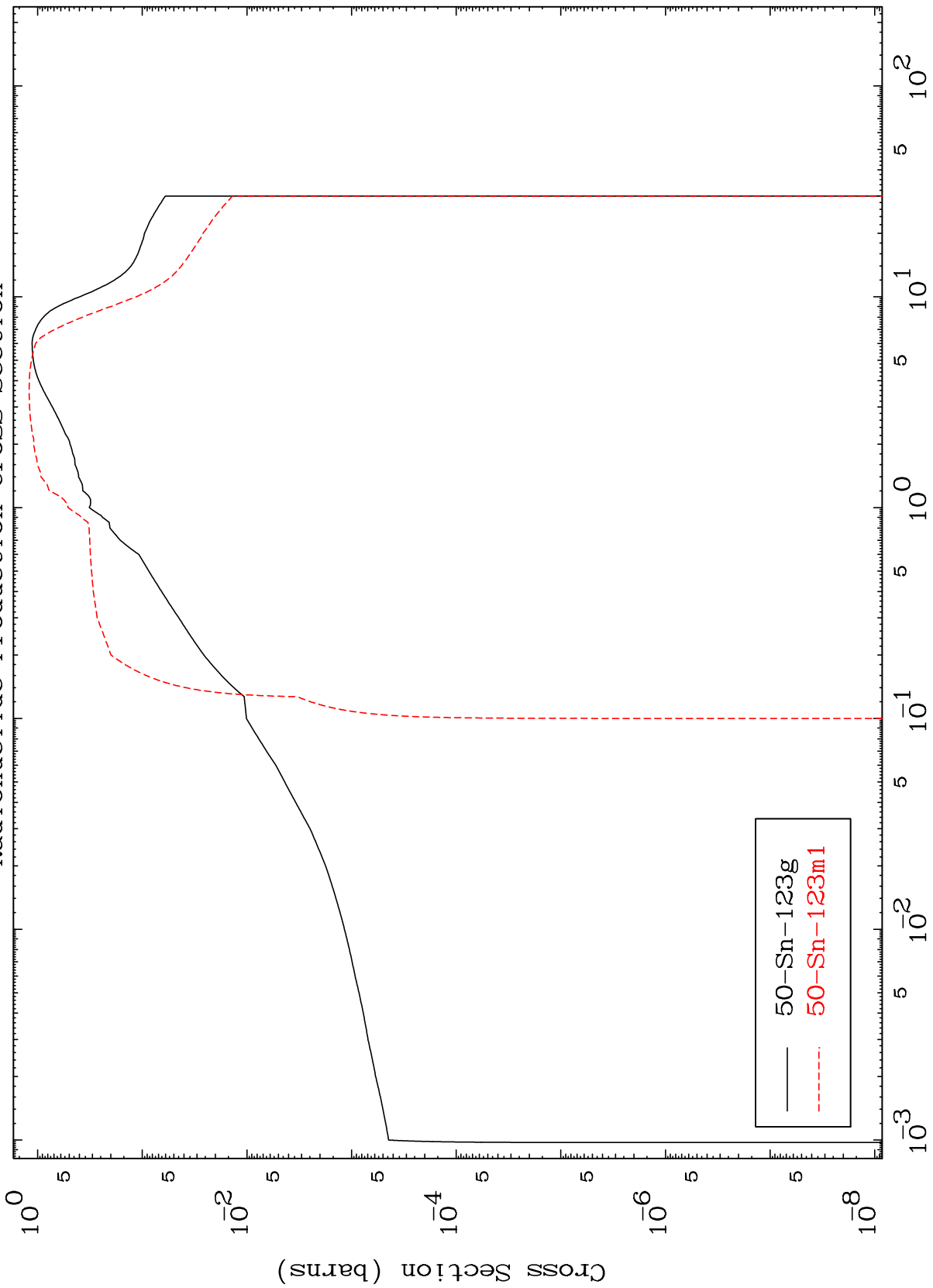
50-Sn-123



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50-Sn-123

Inelastic
Radionuclide Production Cross Section



— 50-Sn-123g
- - - 50-Sn-123m1

19

Incident Energy (MeV)

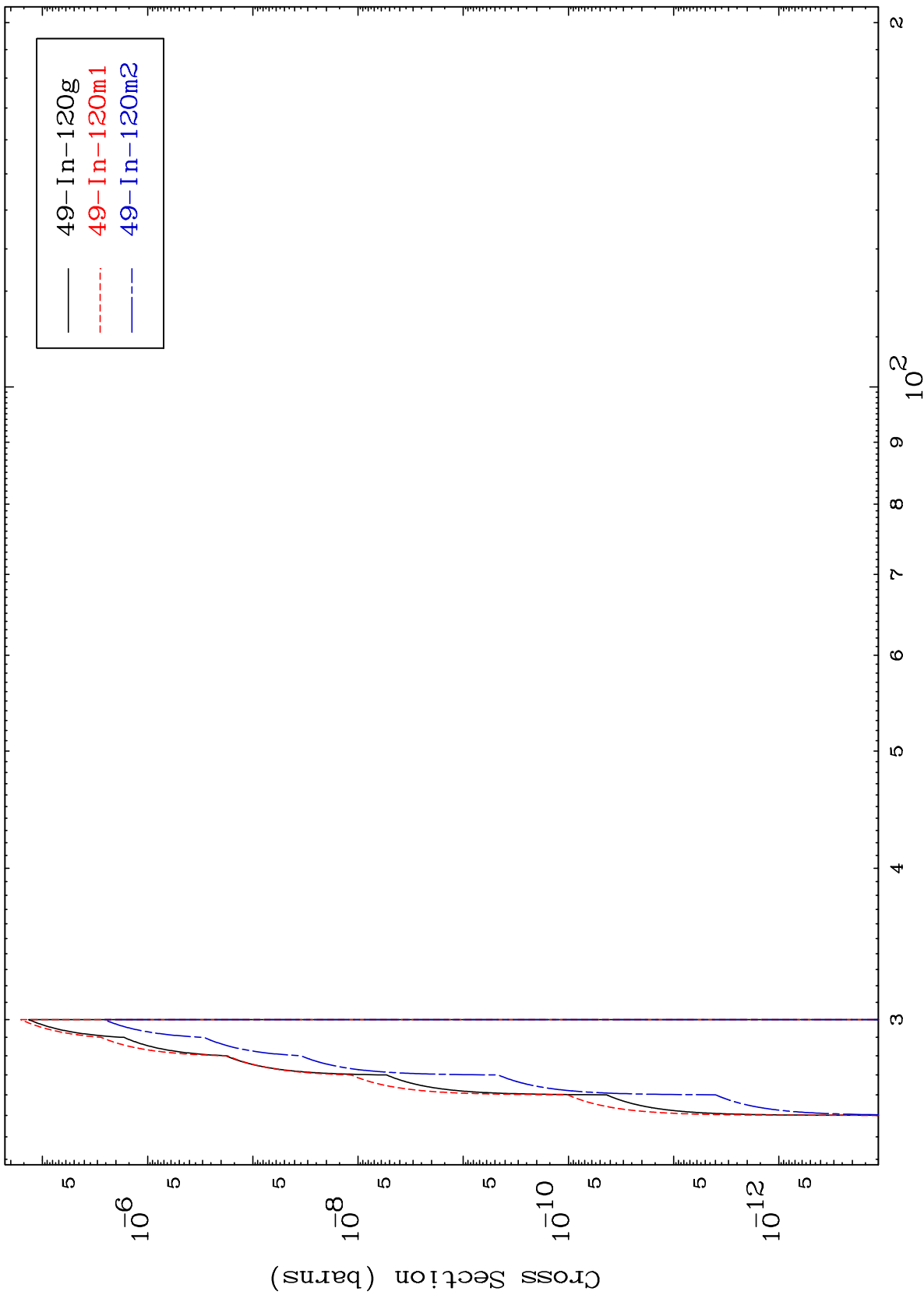
50-Sn-123

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(n,2n) d

50-Sn-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

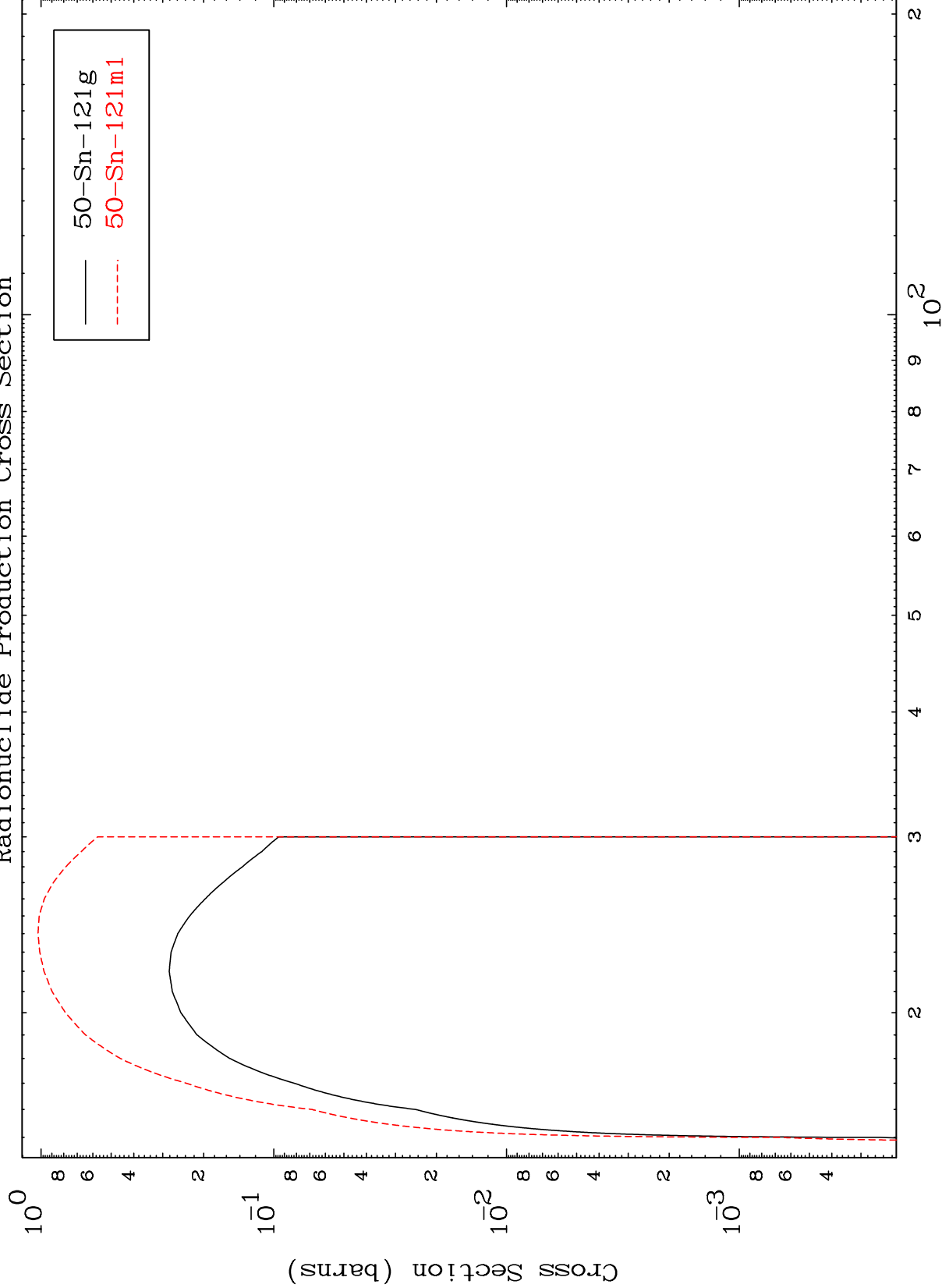
50-Sn-123

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(n,3n)

50-Sn-123

Radionuclide Production Cross Section



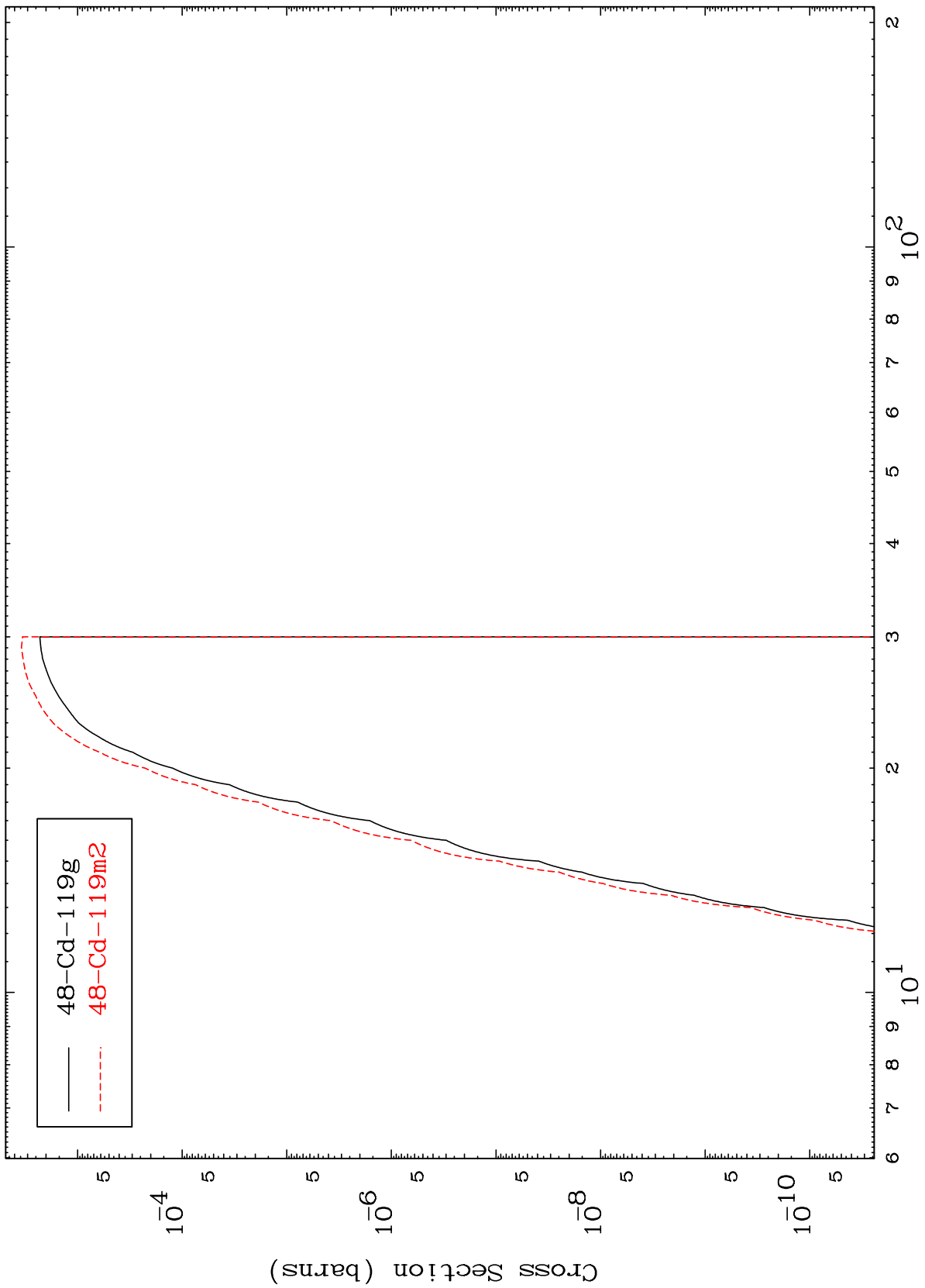
50-Sn-121g
50-Sn-121m1

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50-Sn-123

(n,n') α

Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

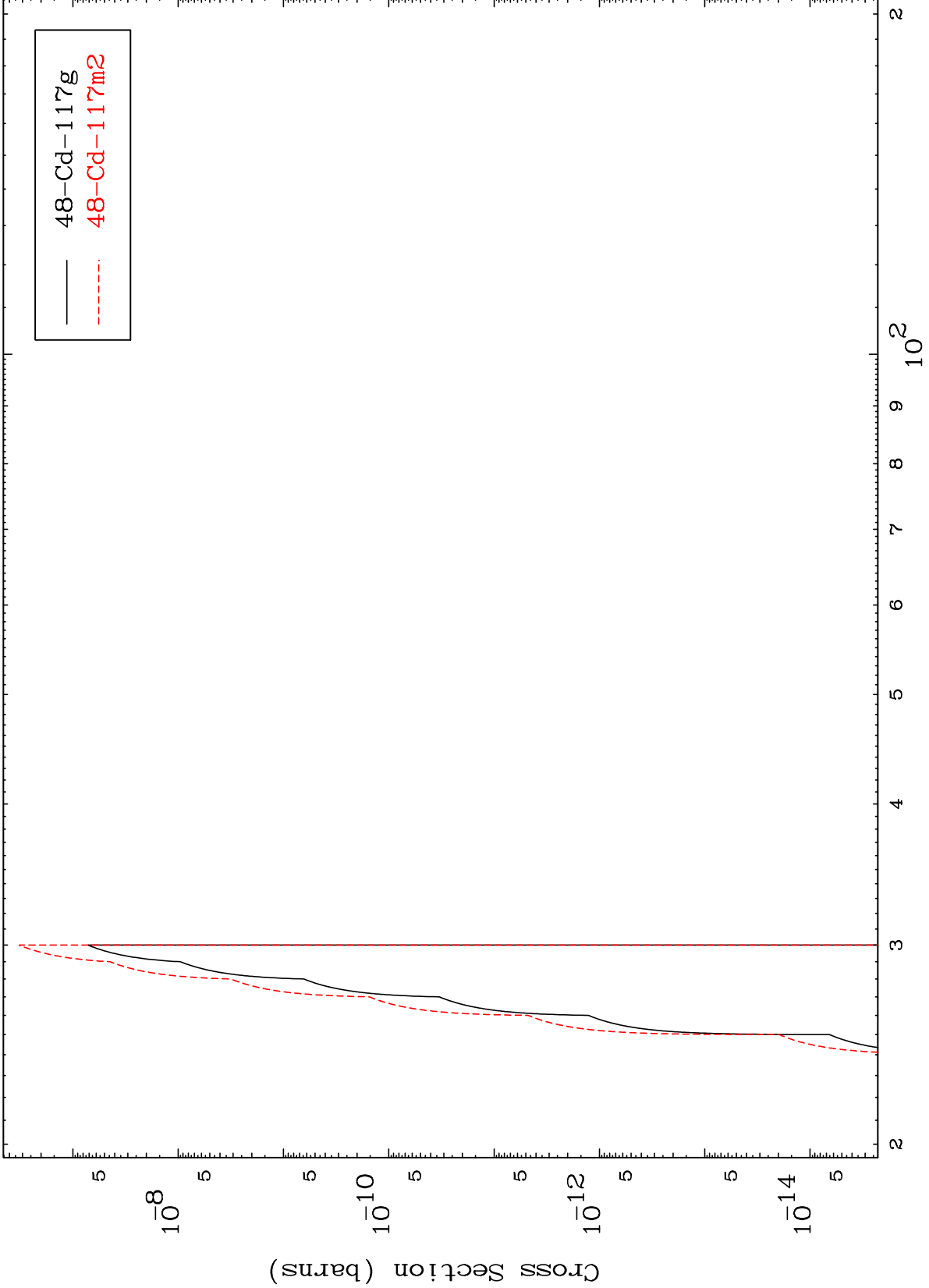
22

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(n,3n) α

50-Sn-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

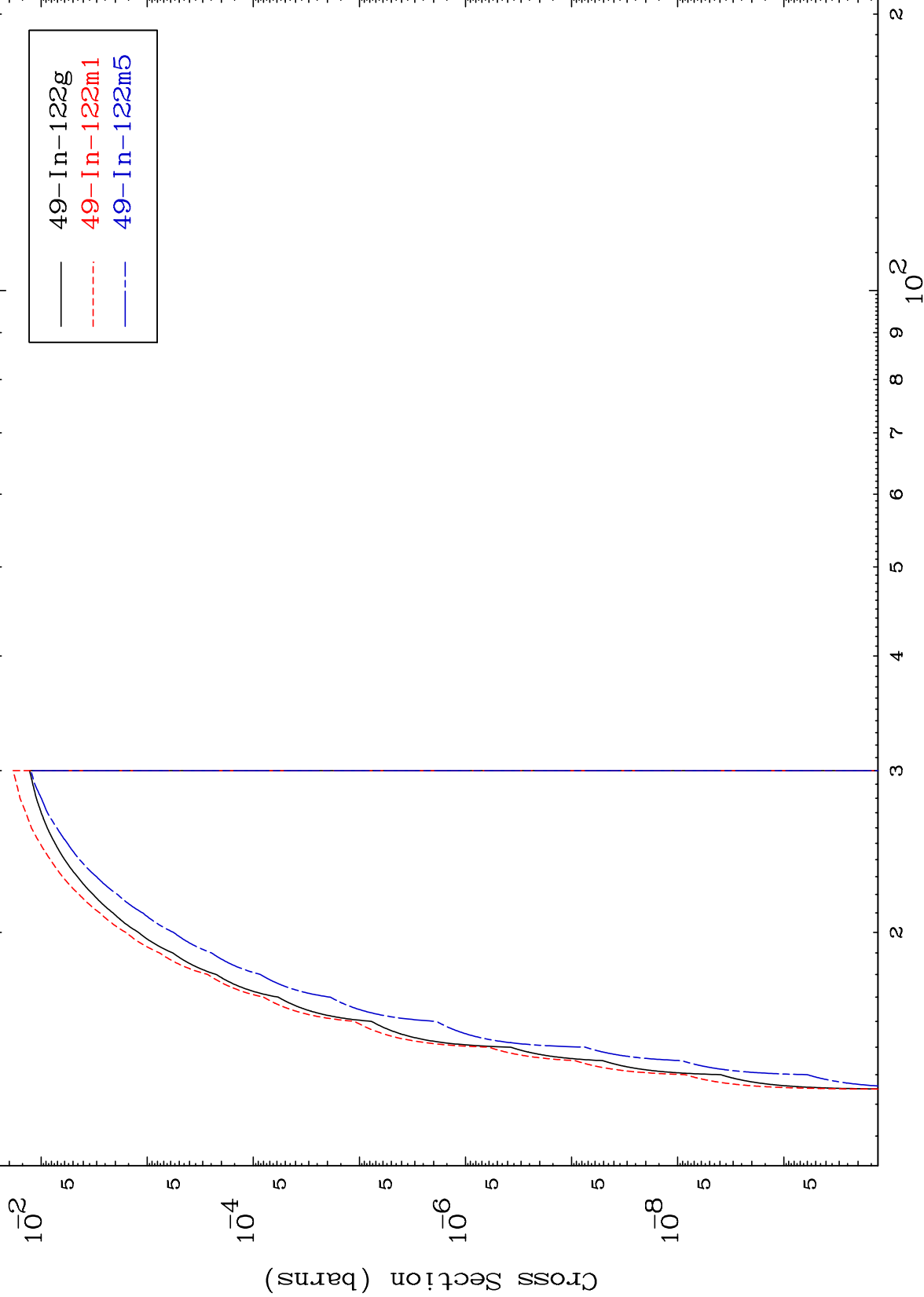
50-Sn-123

MAT 5059

(n,n') p

50-Sn-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

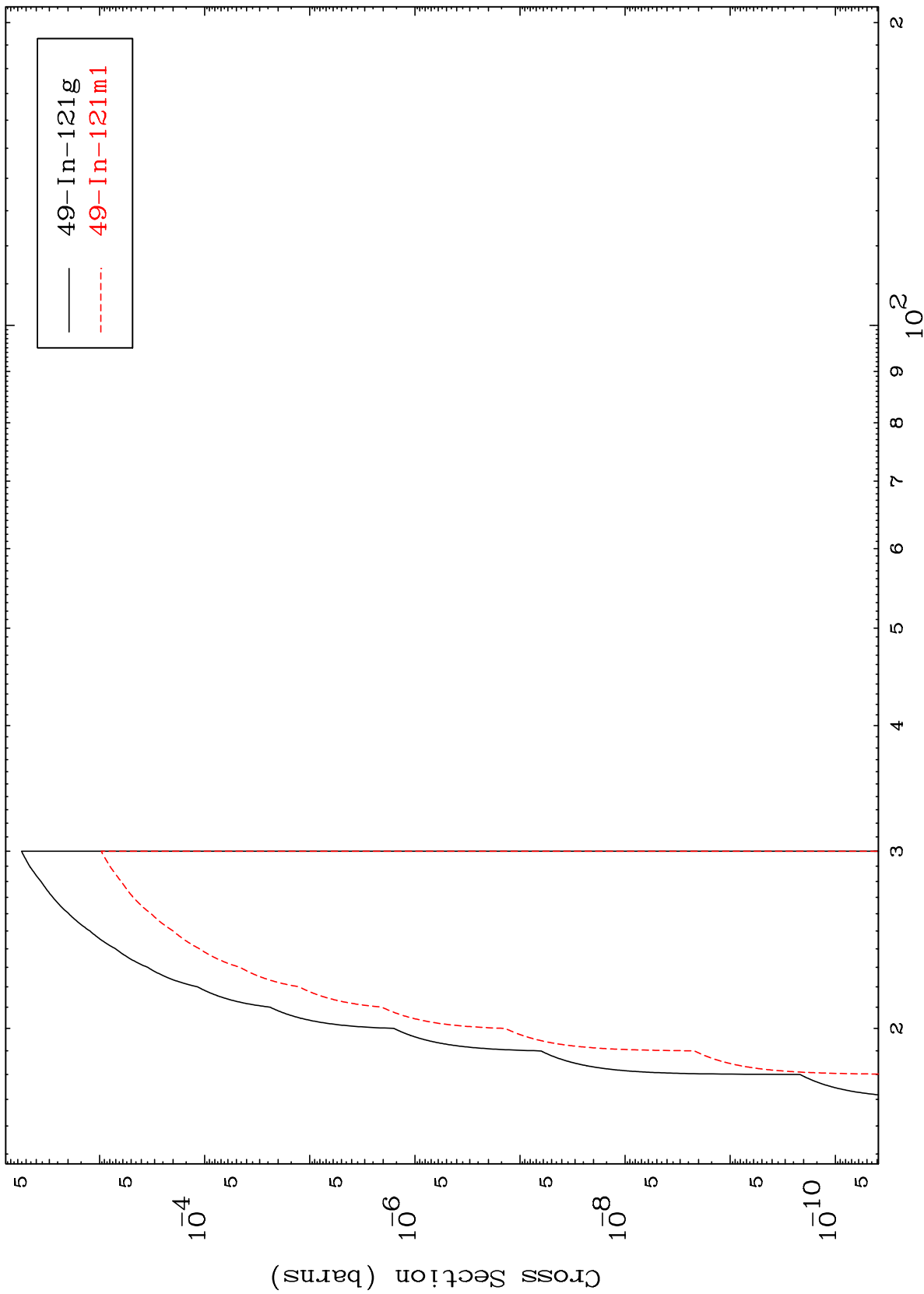
50-Sn-123

MAT 5059

(n,n') d

50-Sn-123

Radionuclide Production Cross Section

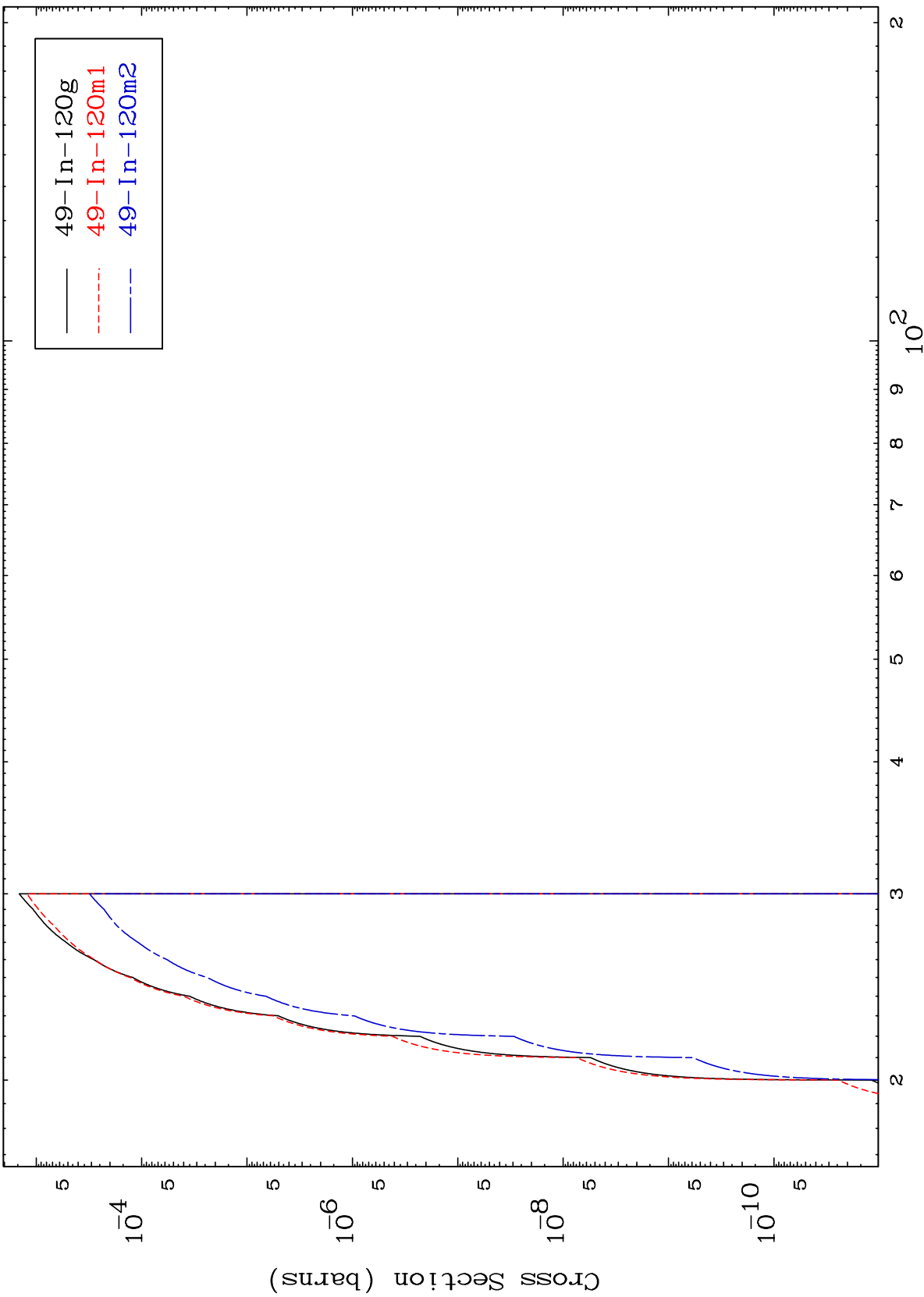


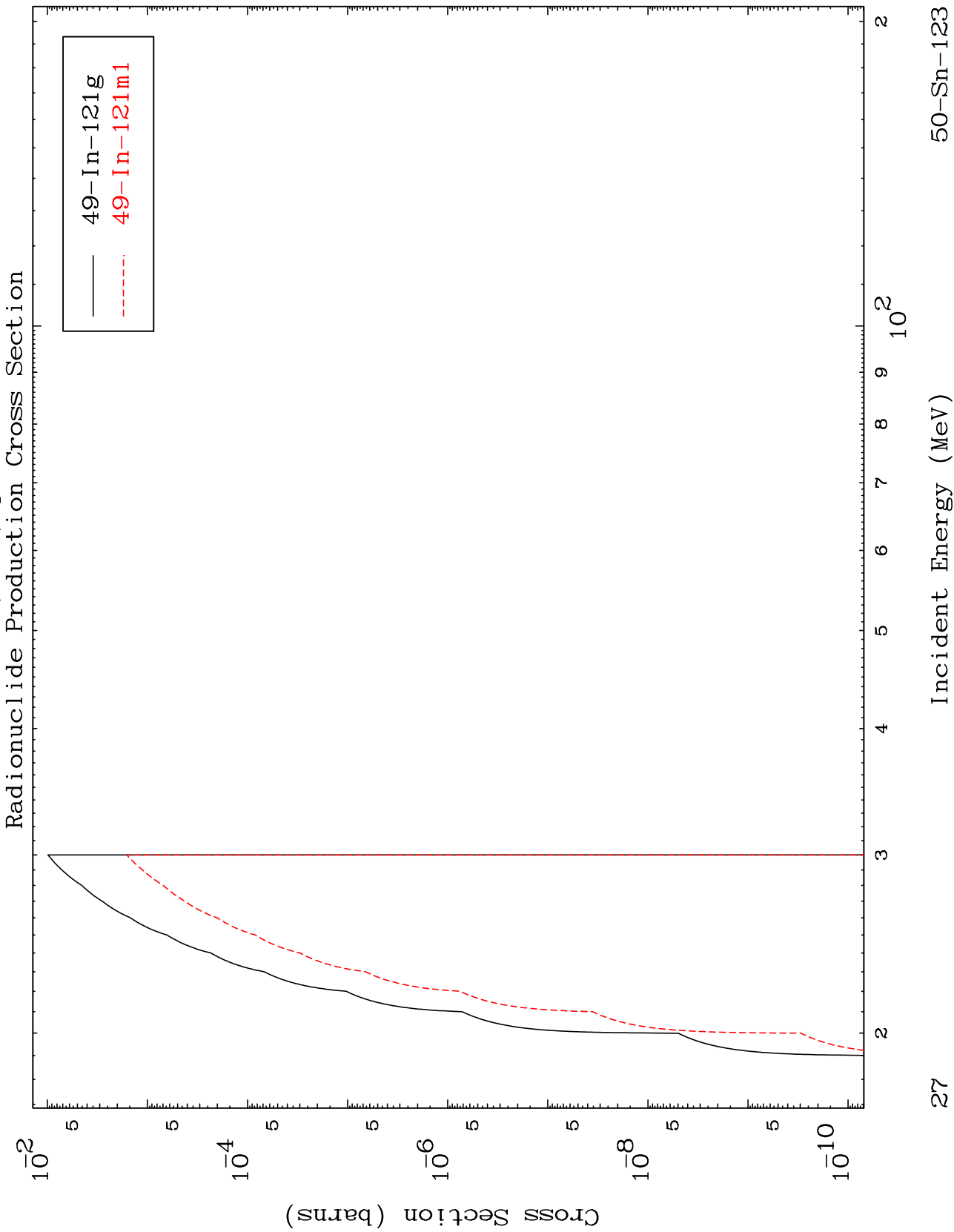
25

Incident Energy (MeV)

50-Sn-123

Radionuclide Production Cross Section



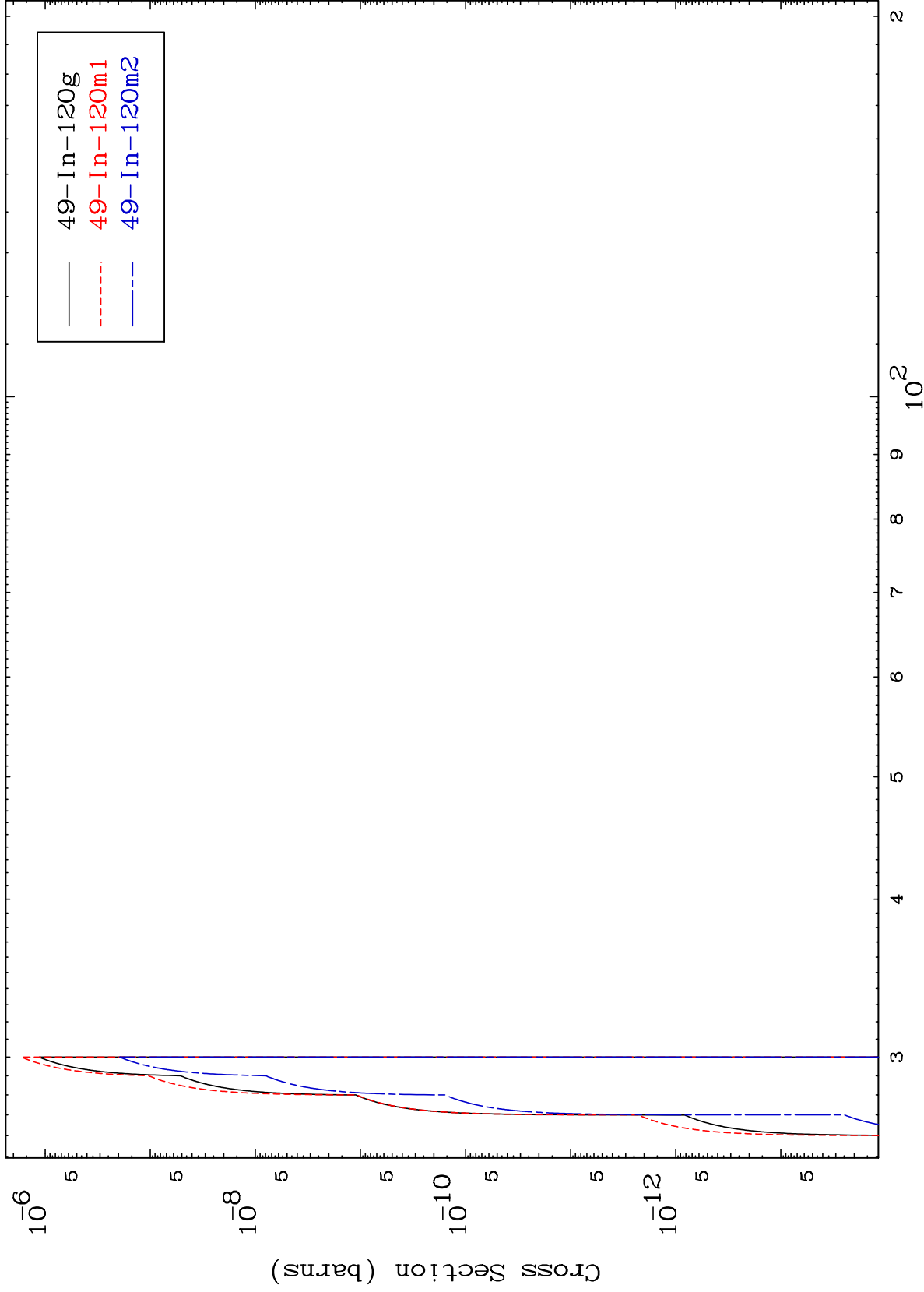


MAT 5059

(n,3n) p

50-Sn-123

Radionuclide Production Cross Section



28

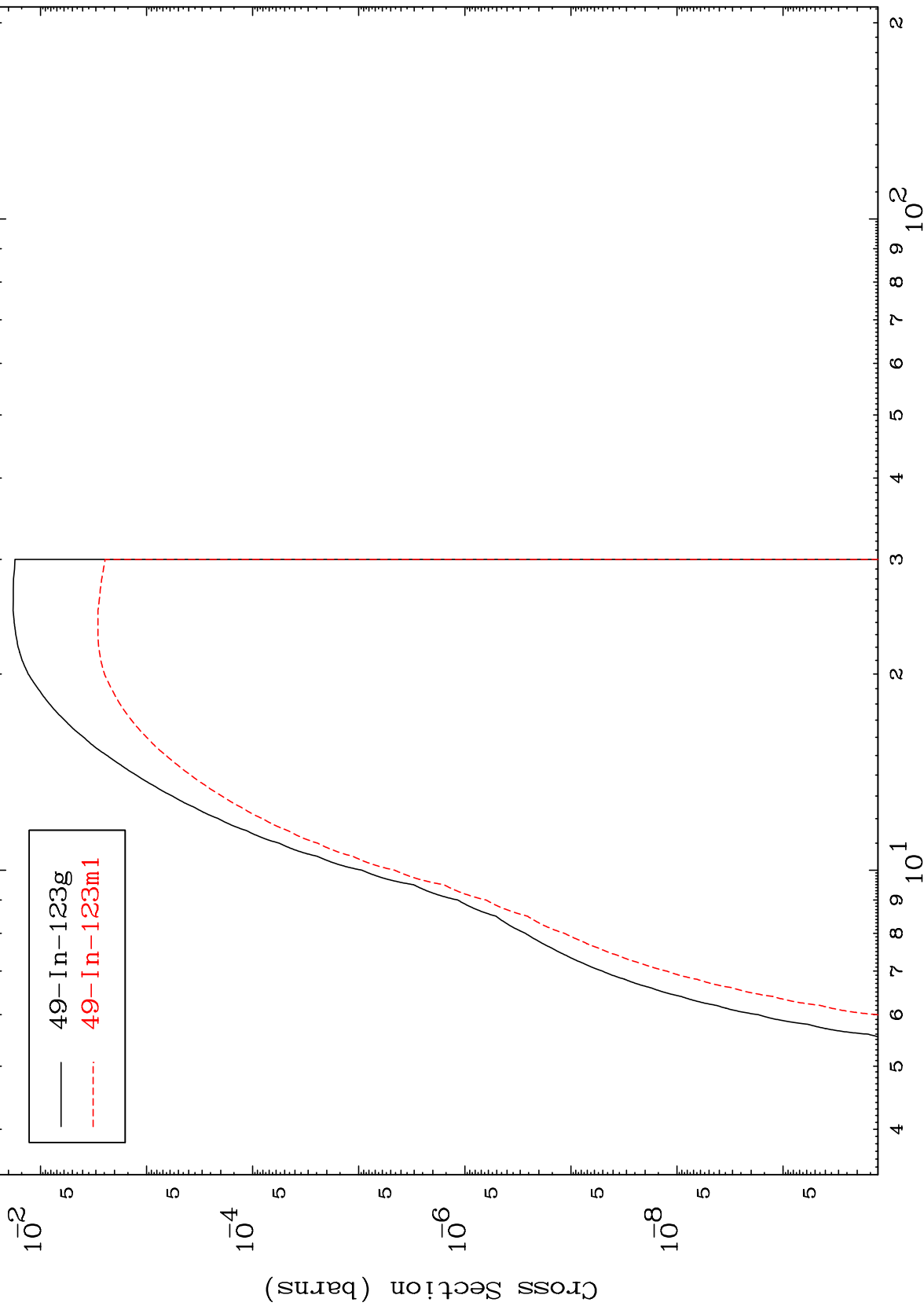
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(n,p)
Radionuclide Production Cross Section



— 49-In-123g
- - - 49-In-123m1

29

Incident Energy (MeV)

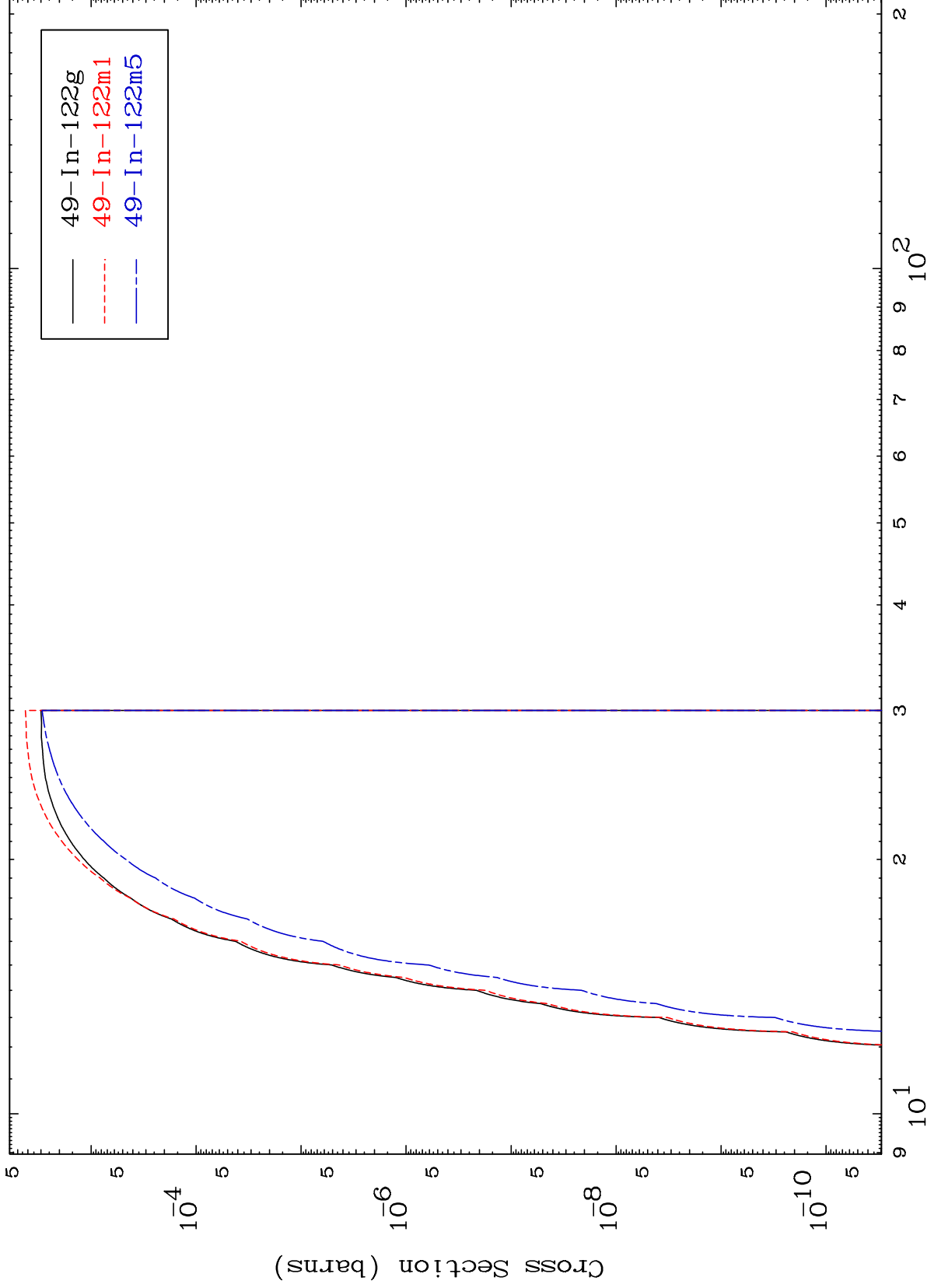
50-Sn-123

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(n,d)

50-Sn-123

Radionuclide Production Cross Section



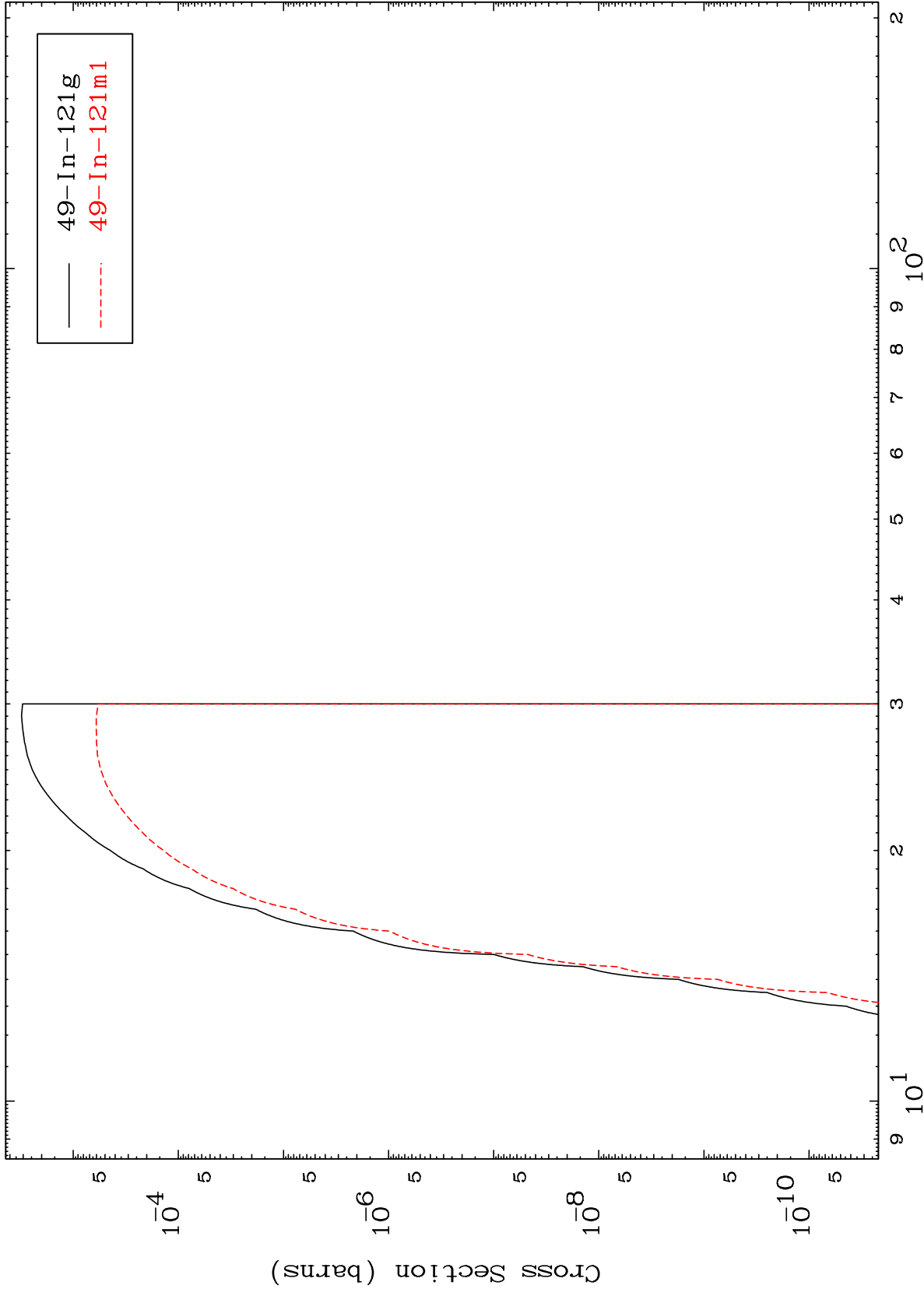
Incident Energy (MeV)

50-Sn-123

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50-Sn-123

(n,t)
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

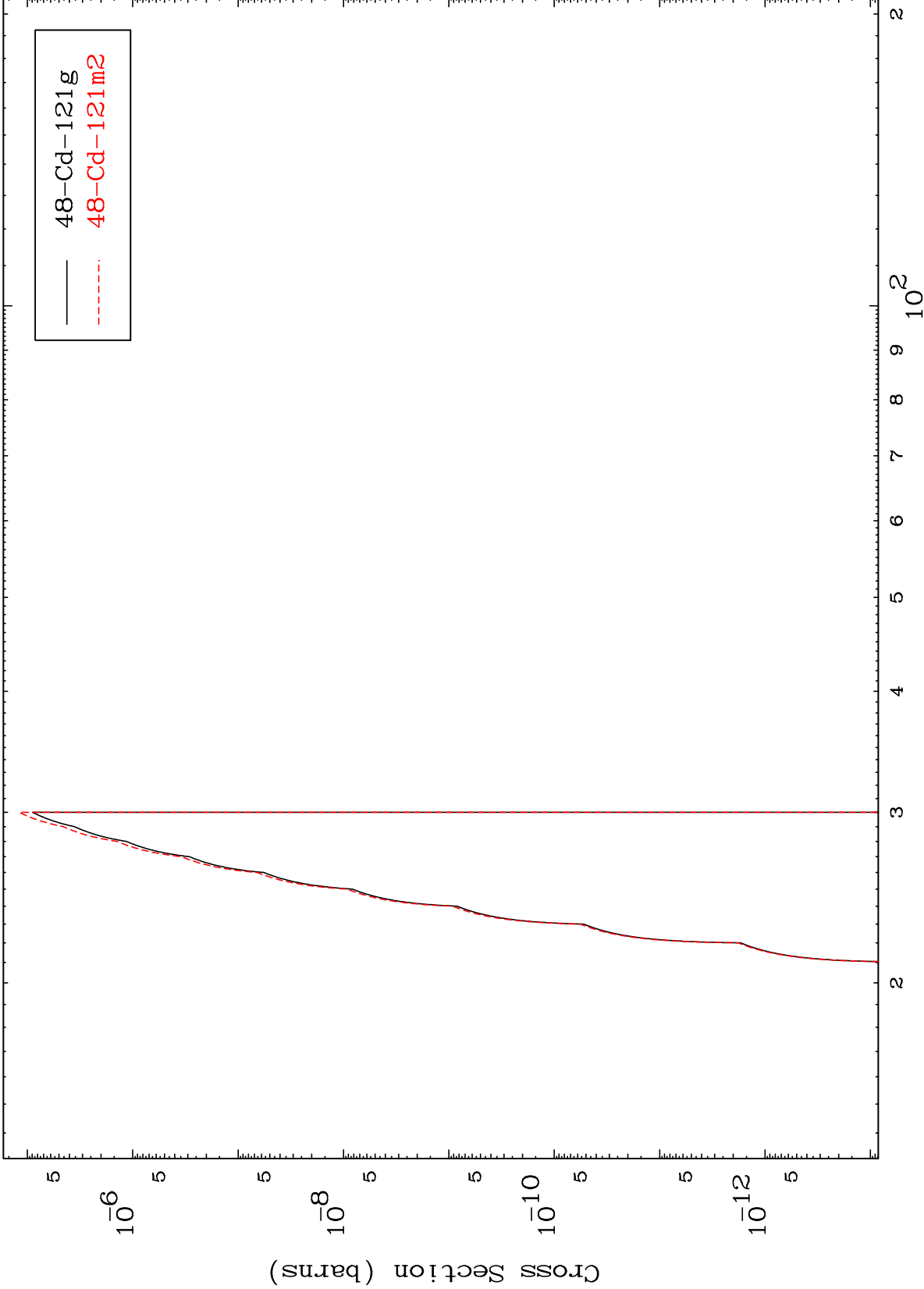
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(n,He-3)

50-Sn-123

Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-123