

Program EVALPLOT
(Version 2021-1)

by

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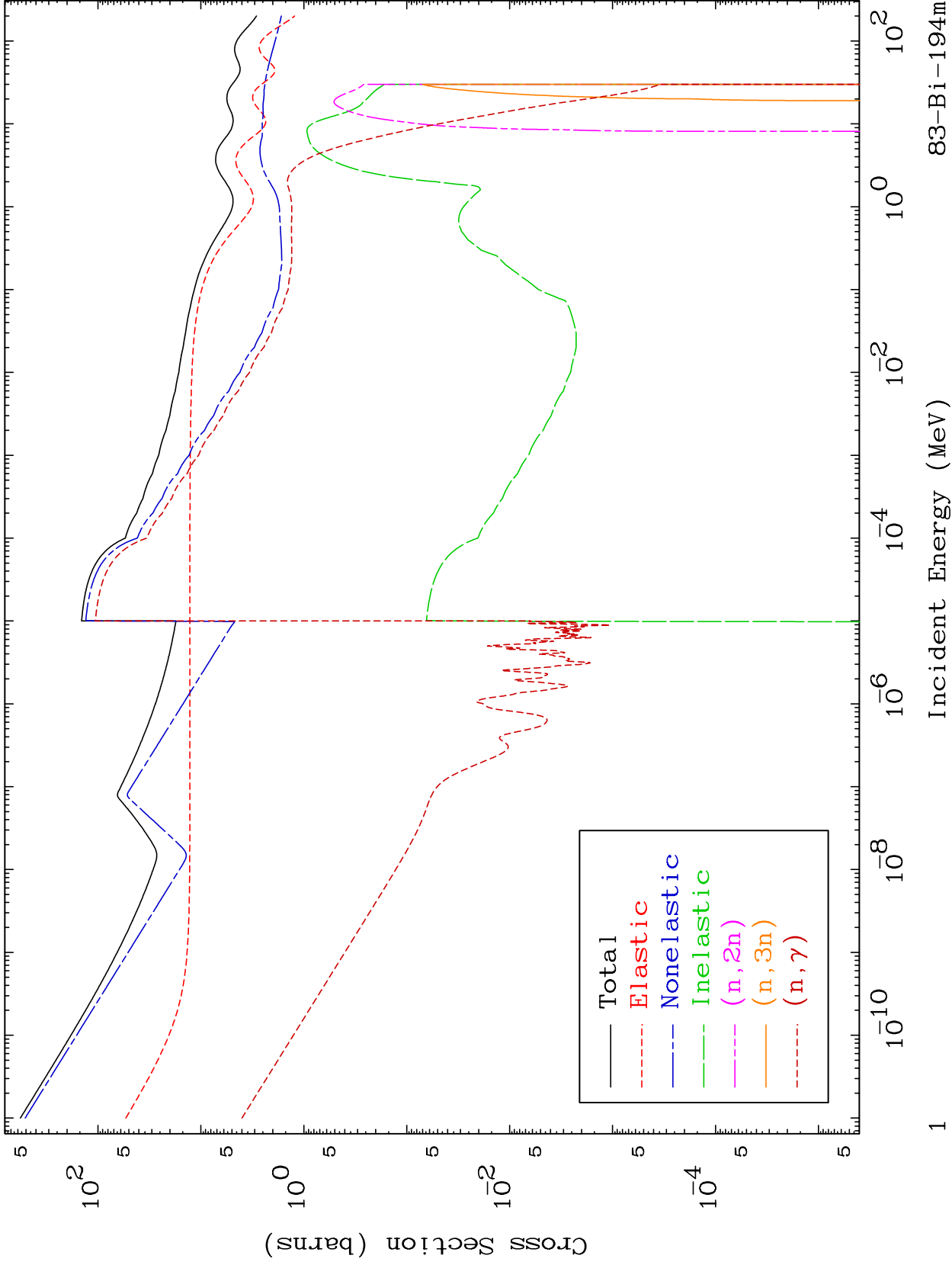
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Press Mouse Button to Start

MAT 8281

Neutron Major
293 Kelvin Cross Sections

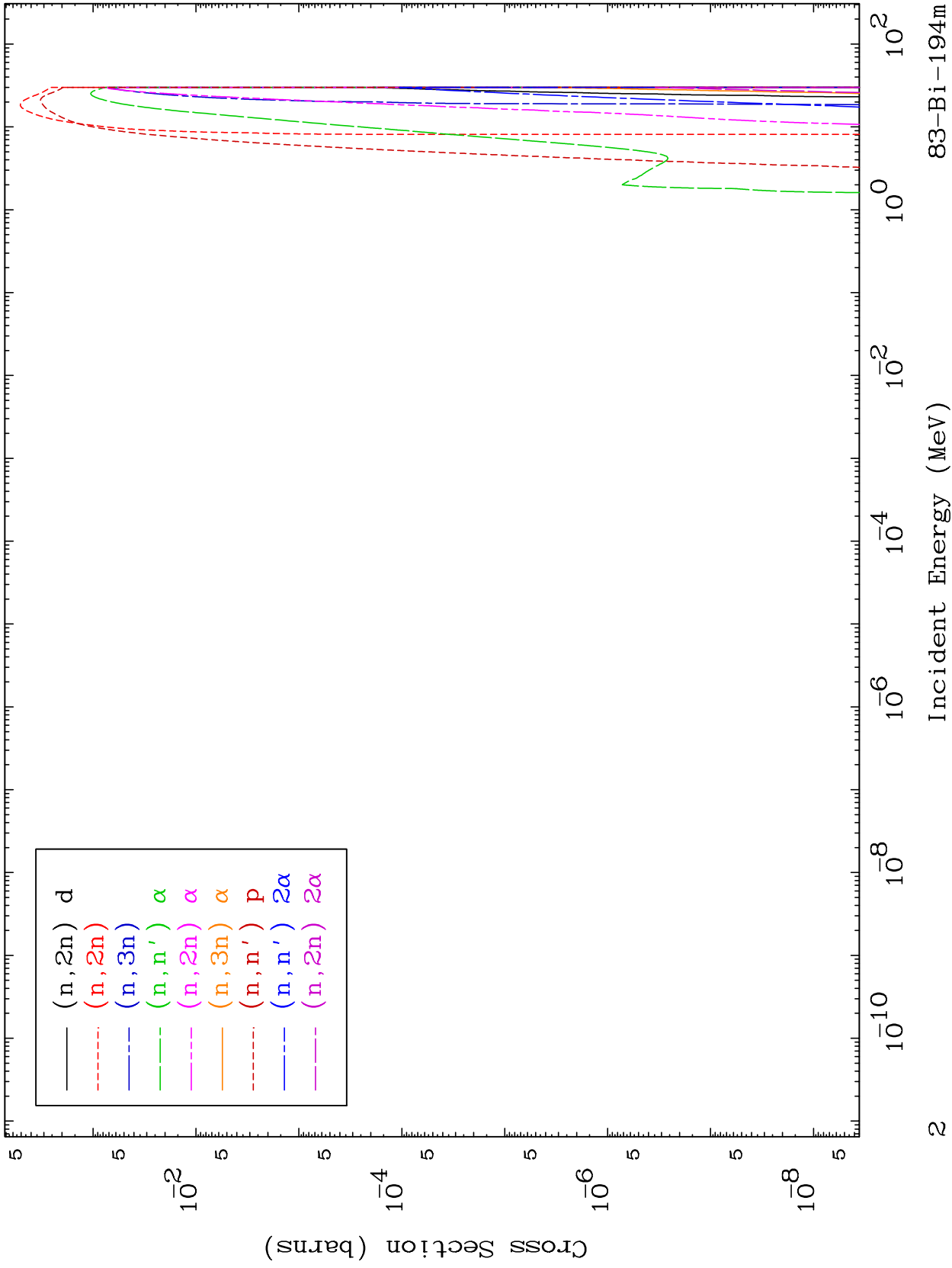
83-Bi-194m



MAT 8281

Neutron Absorption
293 Kelvin Cross Sections

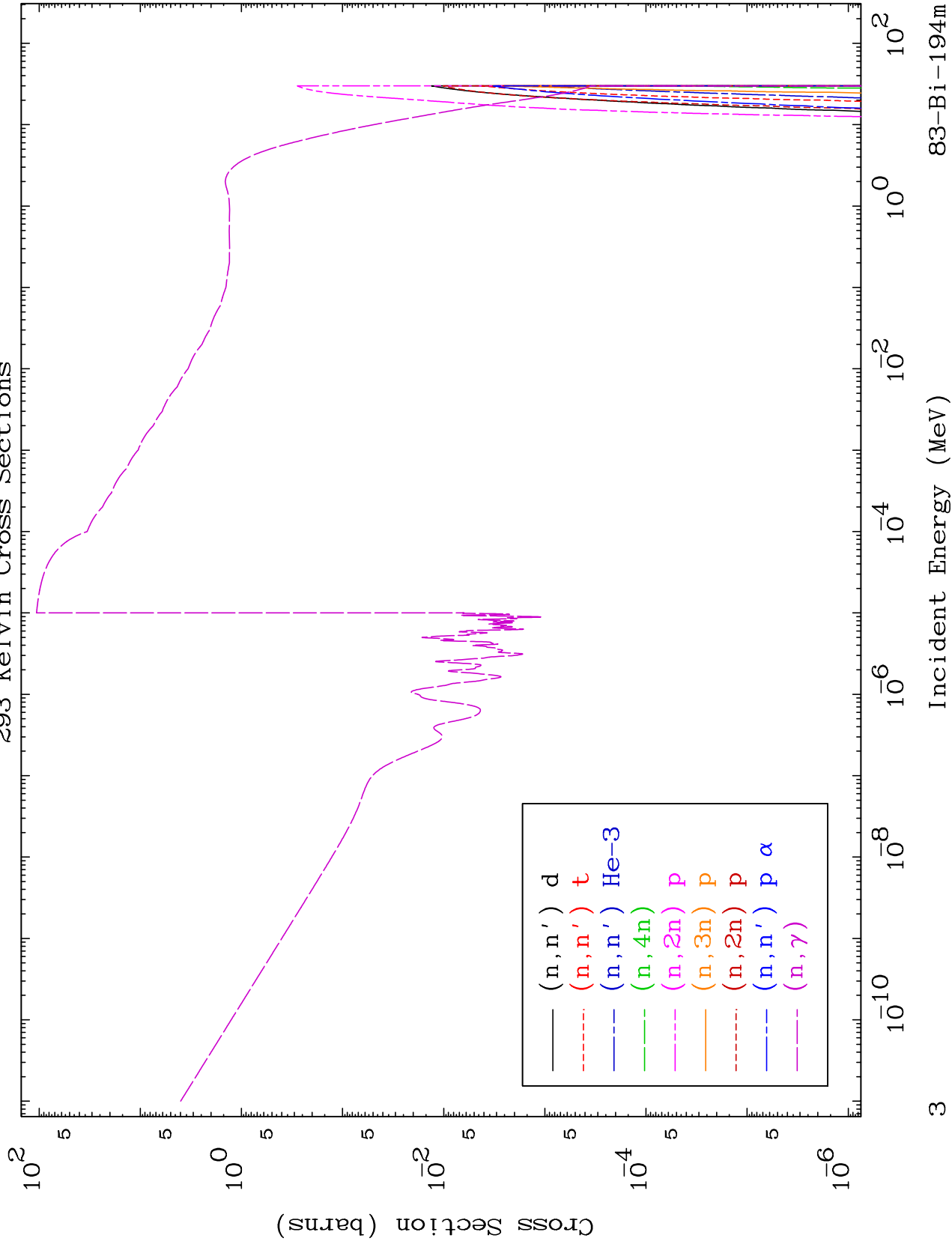
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MAT 8281

Neutron Absorption
293 Kelvin Cross Sections

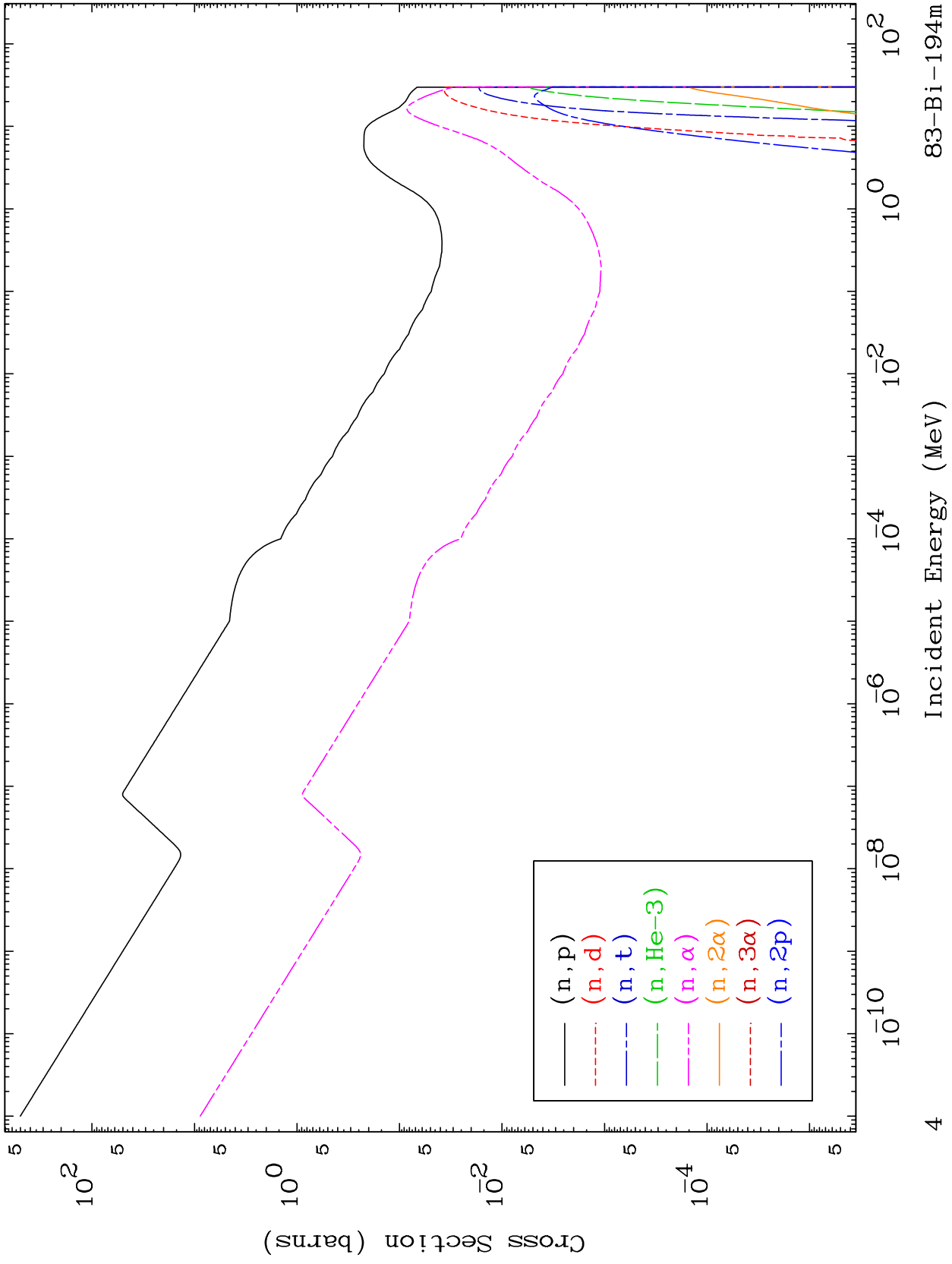
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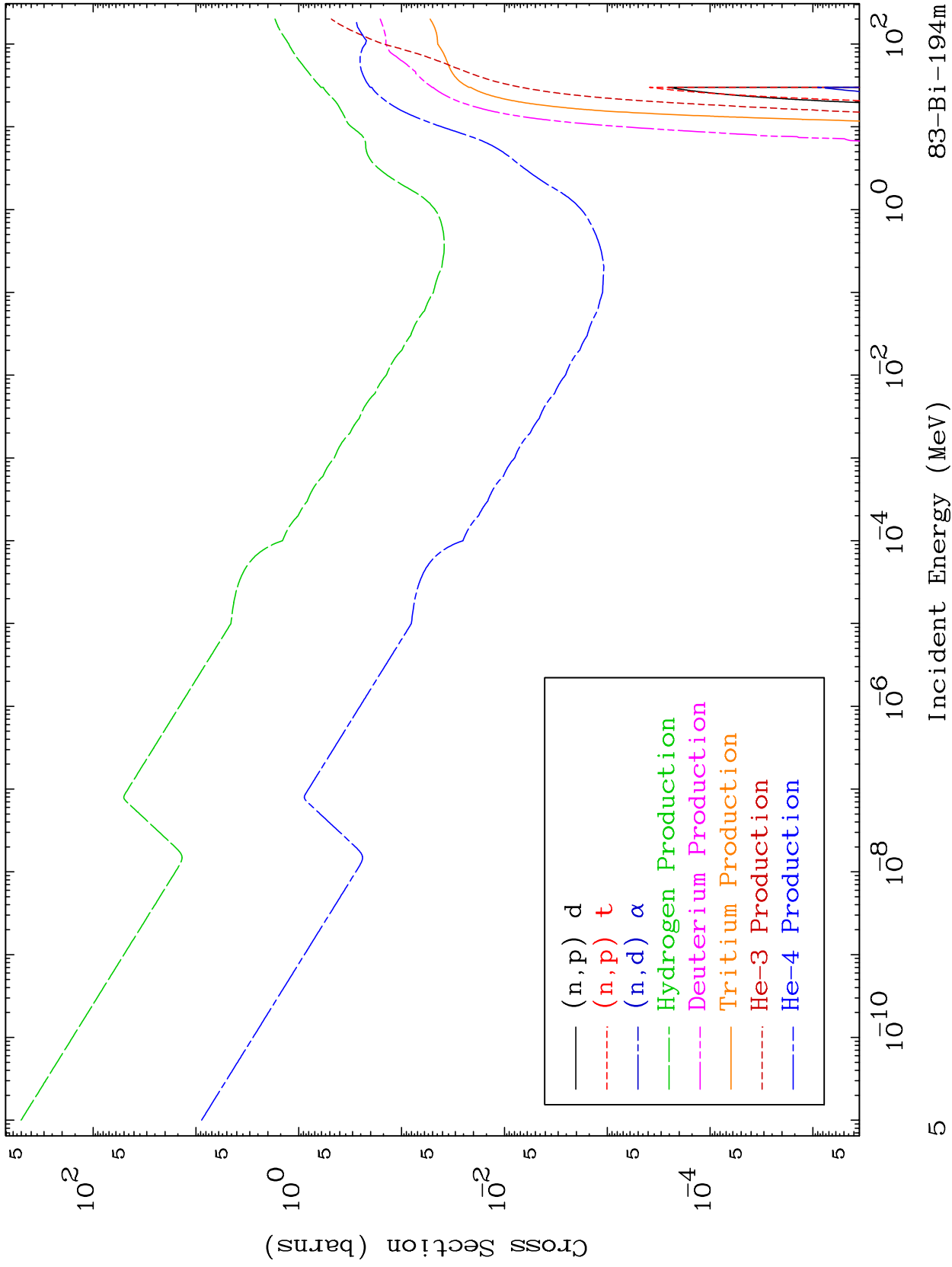


MAT 8281

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-194m

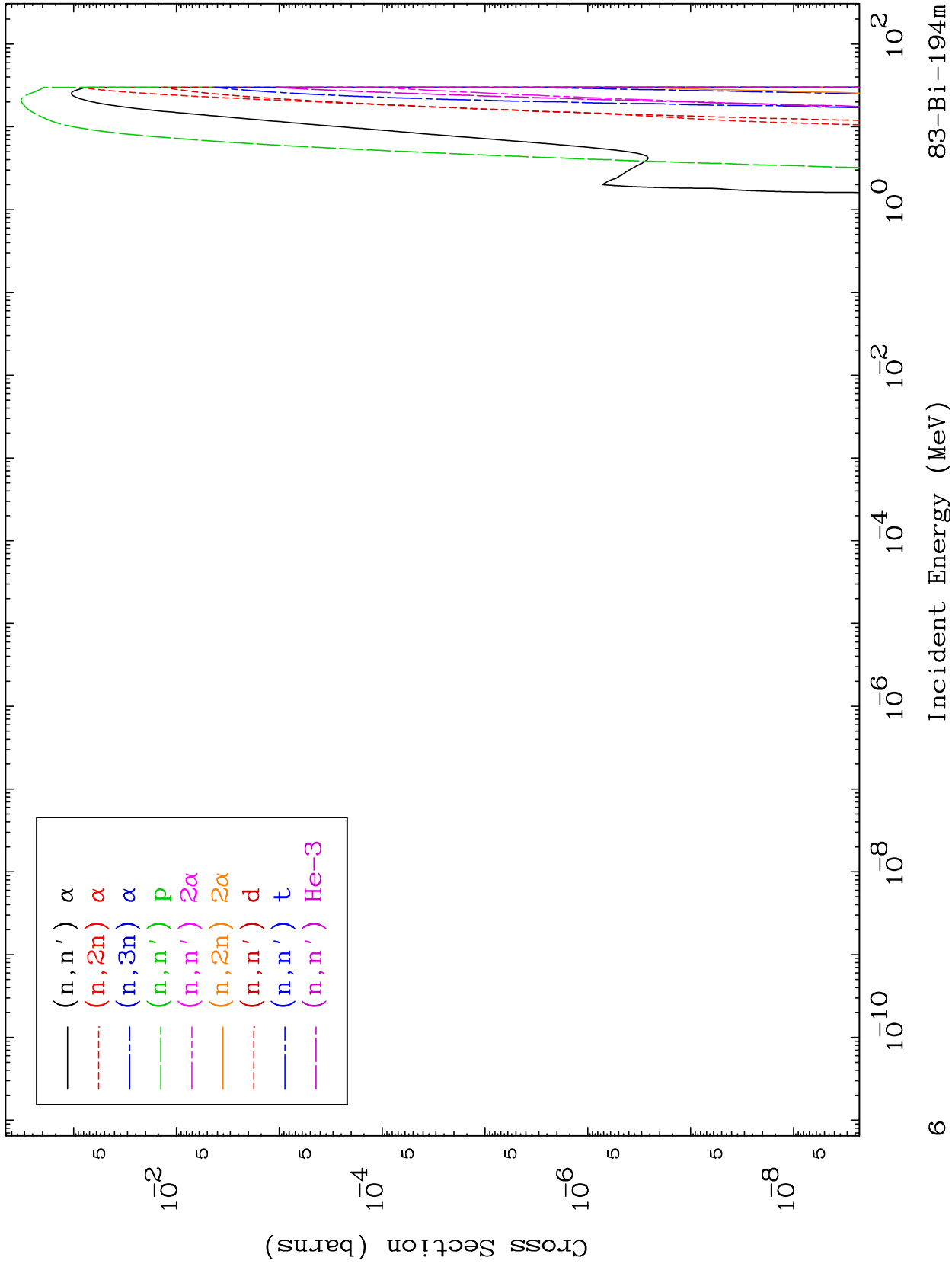




MAT 8281

Charged Particle
293 Kelvin Cross Sections

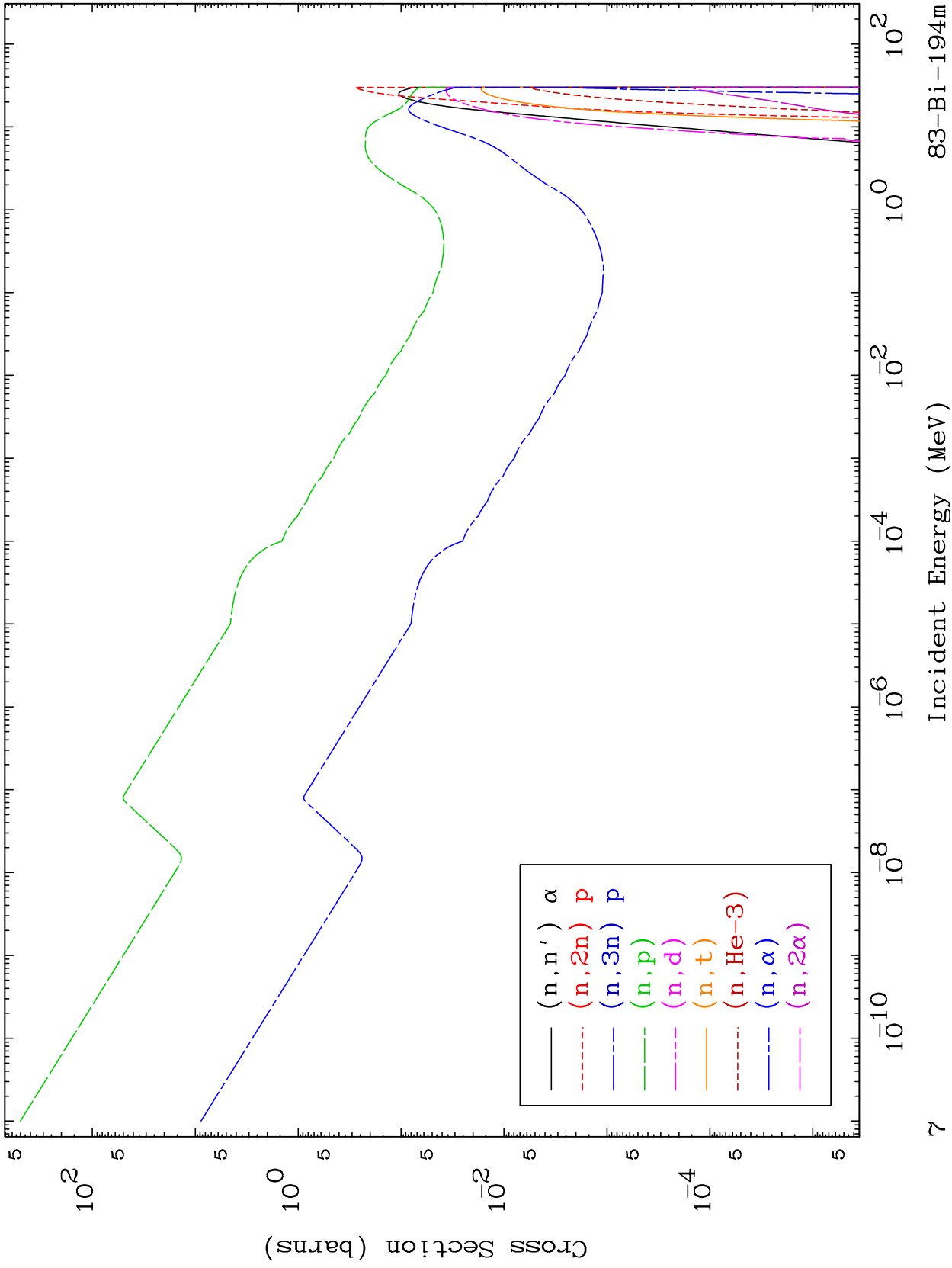
83-Bi-194m



MAT 8281

Charged Particle
293 Kelvin Cross Sections

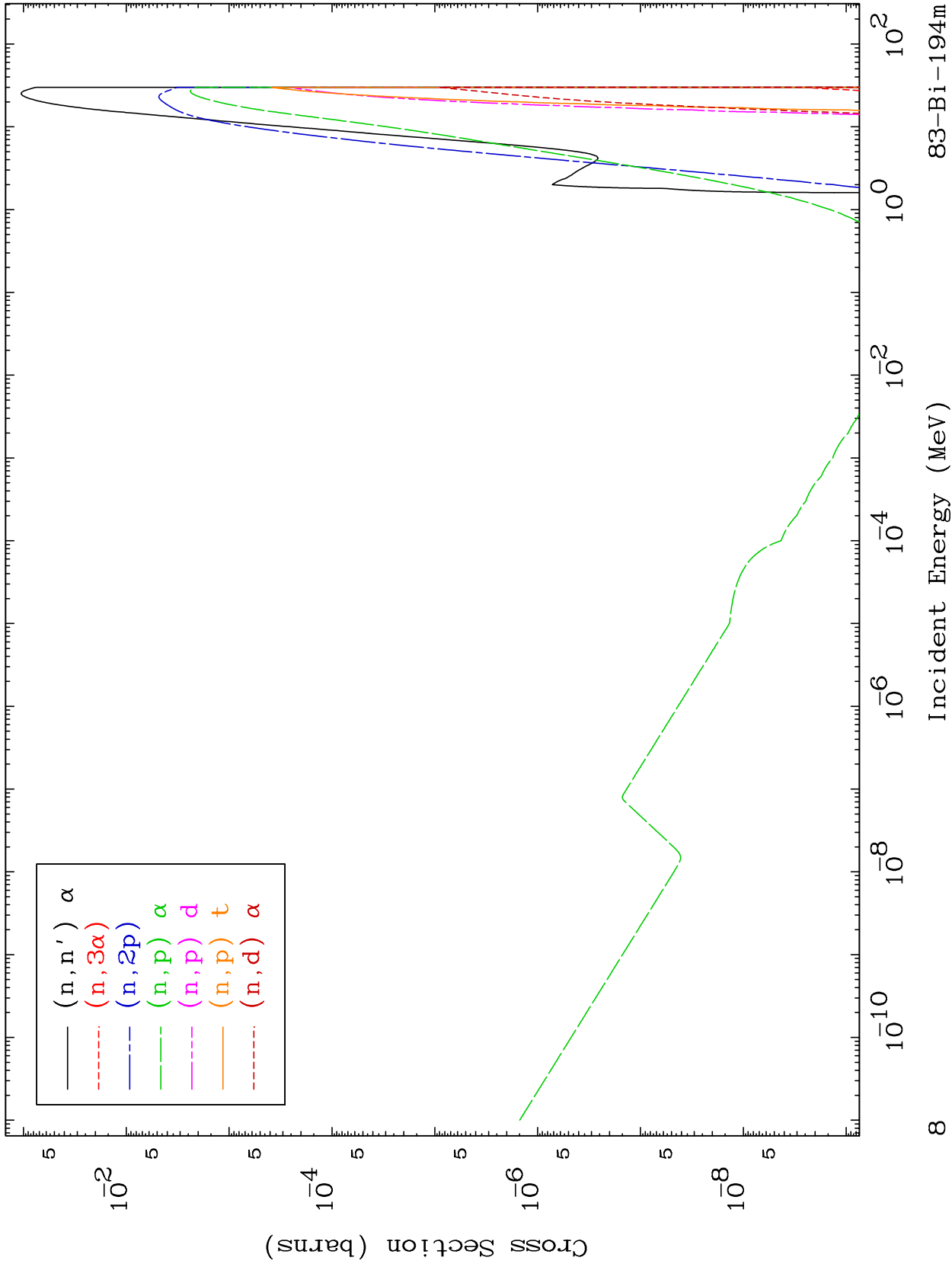
83-Bi-194m



MAT 8281

Charged Particle
293 Kelvin Cross Sections

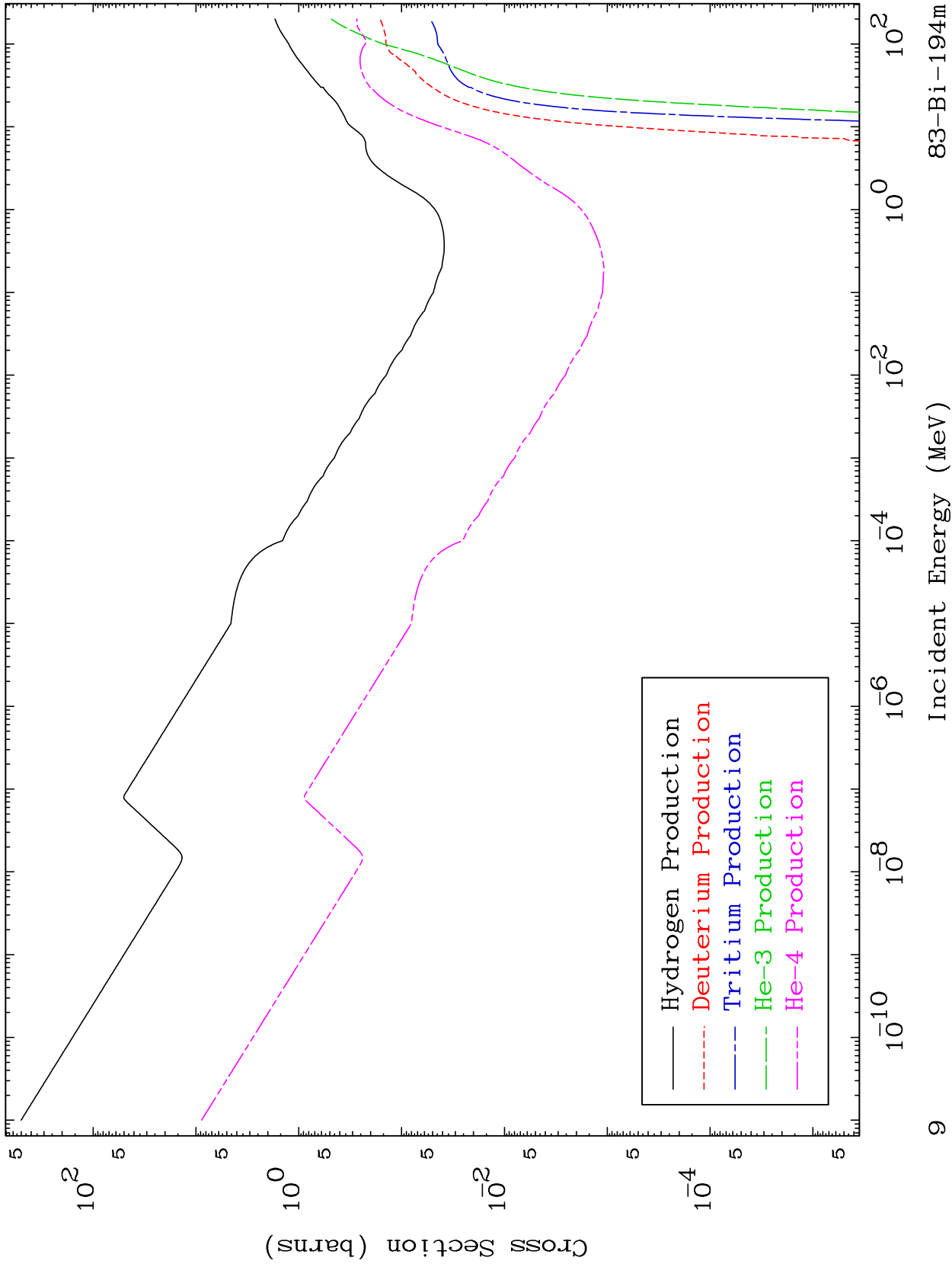
83-Bi-194m



MAT 8281

Particle Production
293 Kelvin Cross Sections

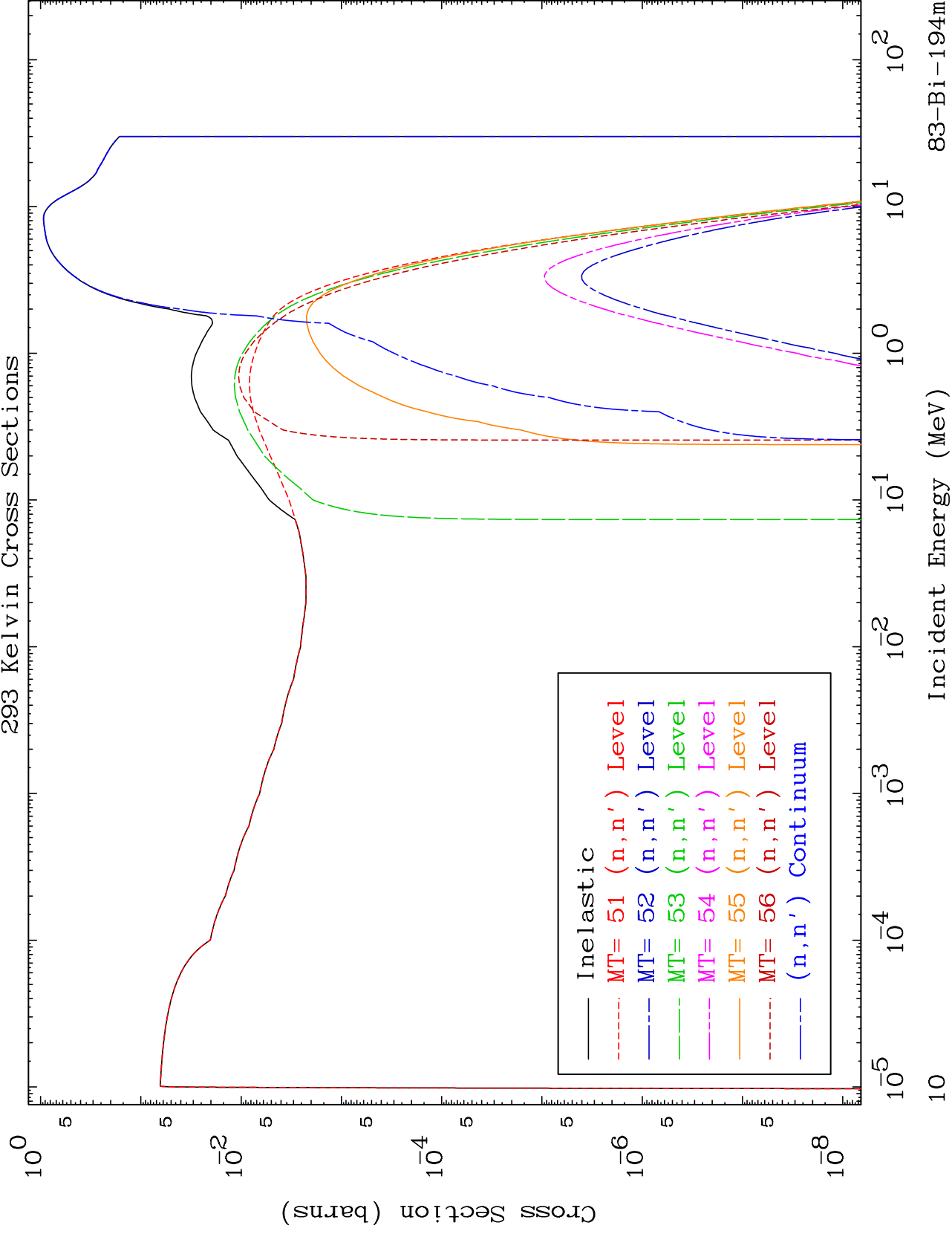
83-Bi-194m



MAT 8281

(n,n') Levels
293 Kelvin Cross Sections

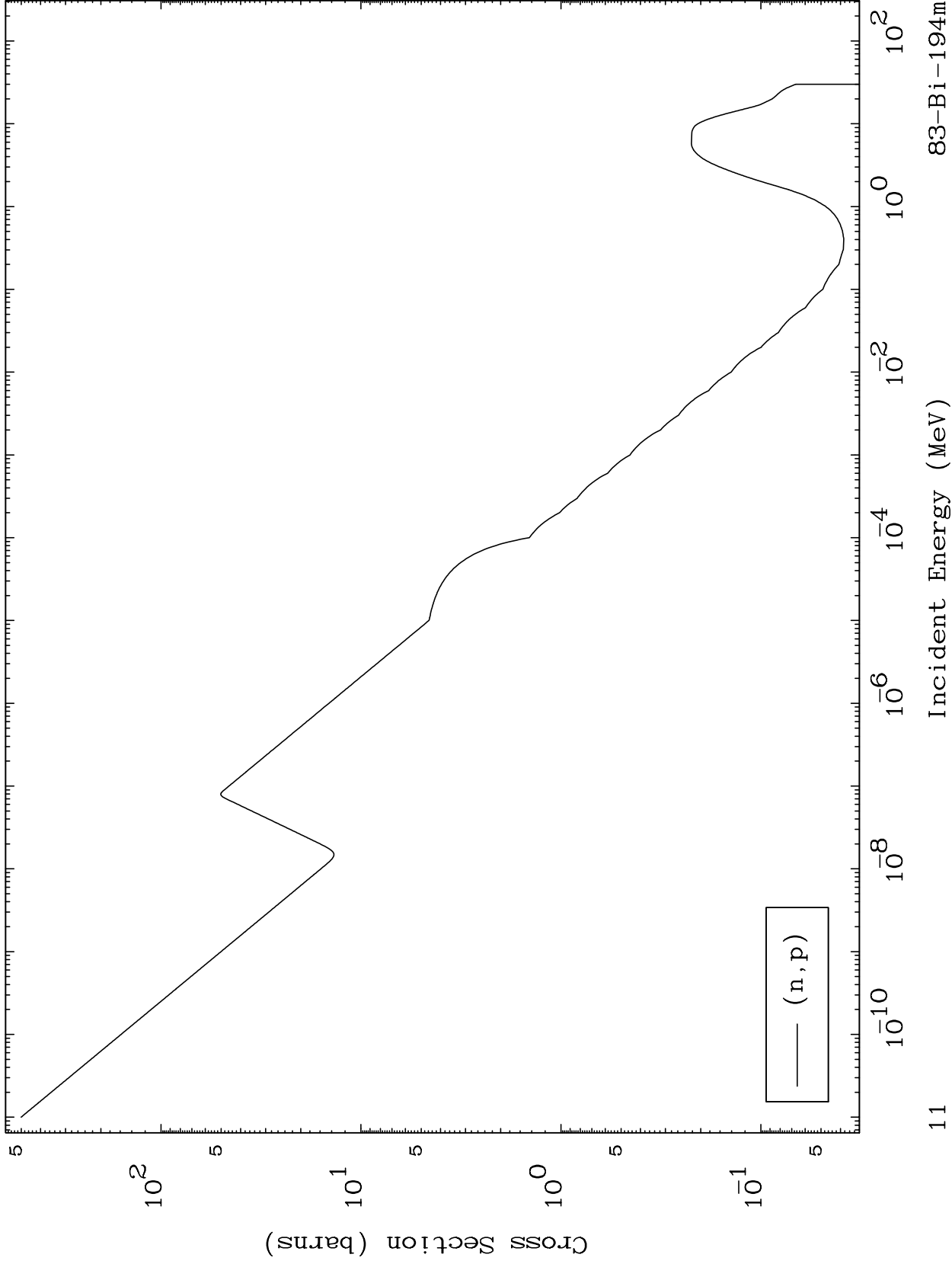
83-Bi-194m



MAT 8281

(n,p) Levels
293 Kelvin Cross Sections

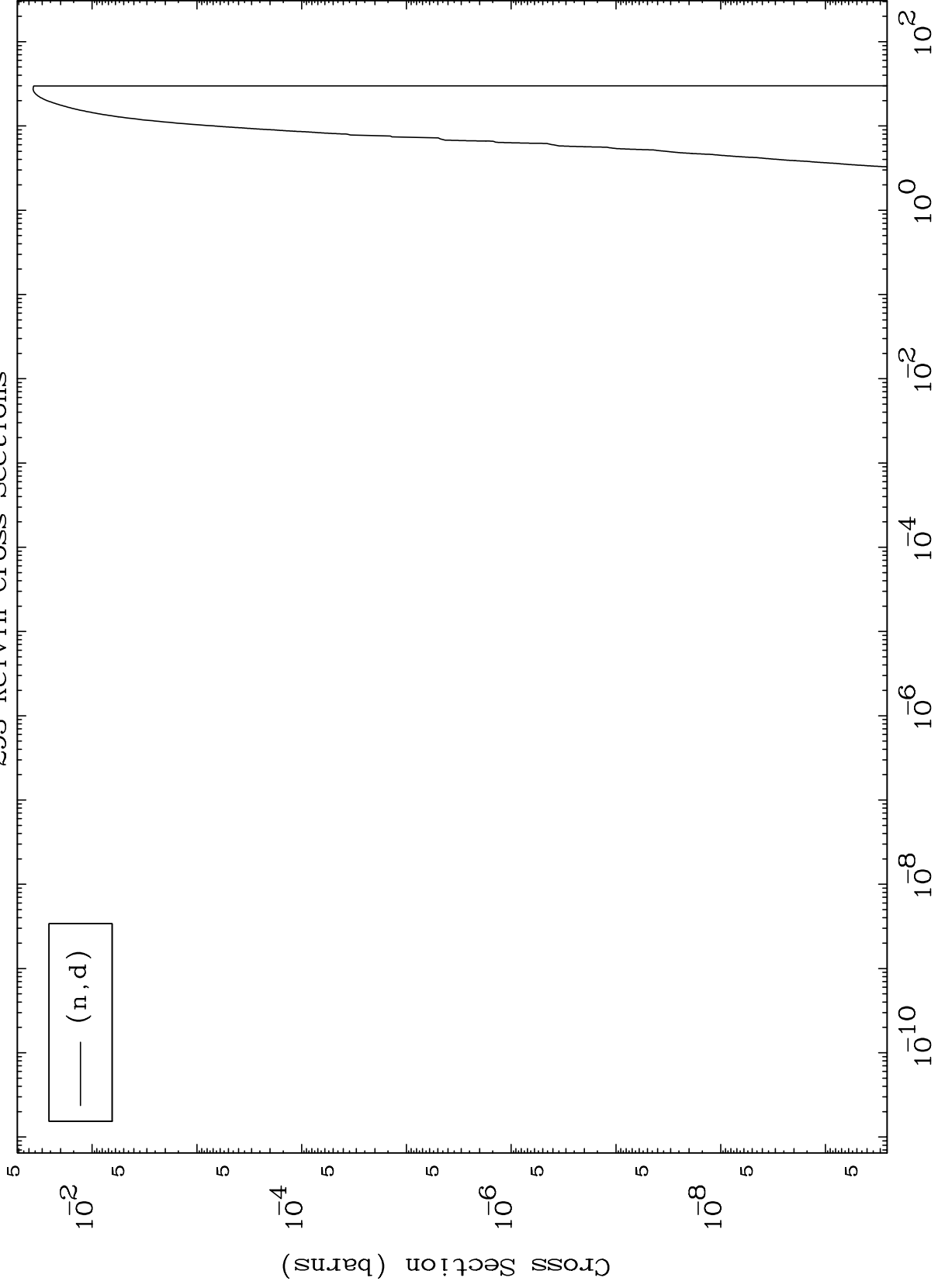
83-Bi-194m



MAT 8281

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-194m



12

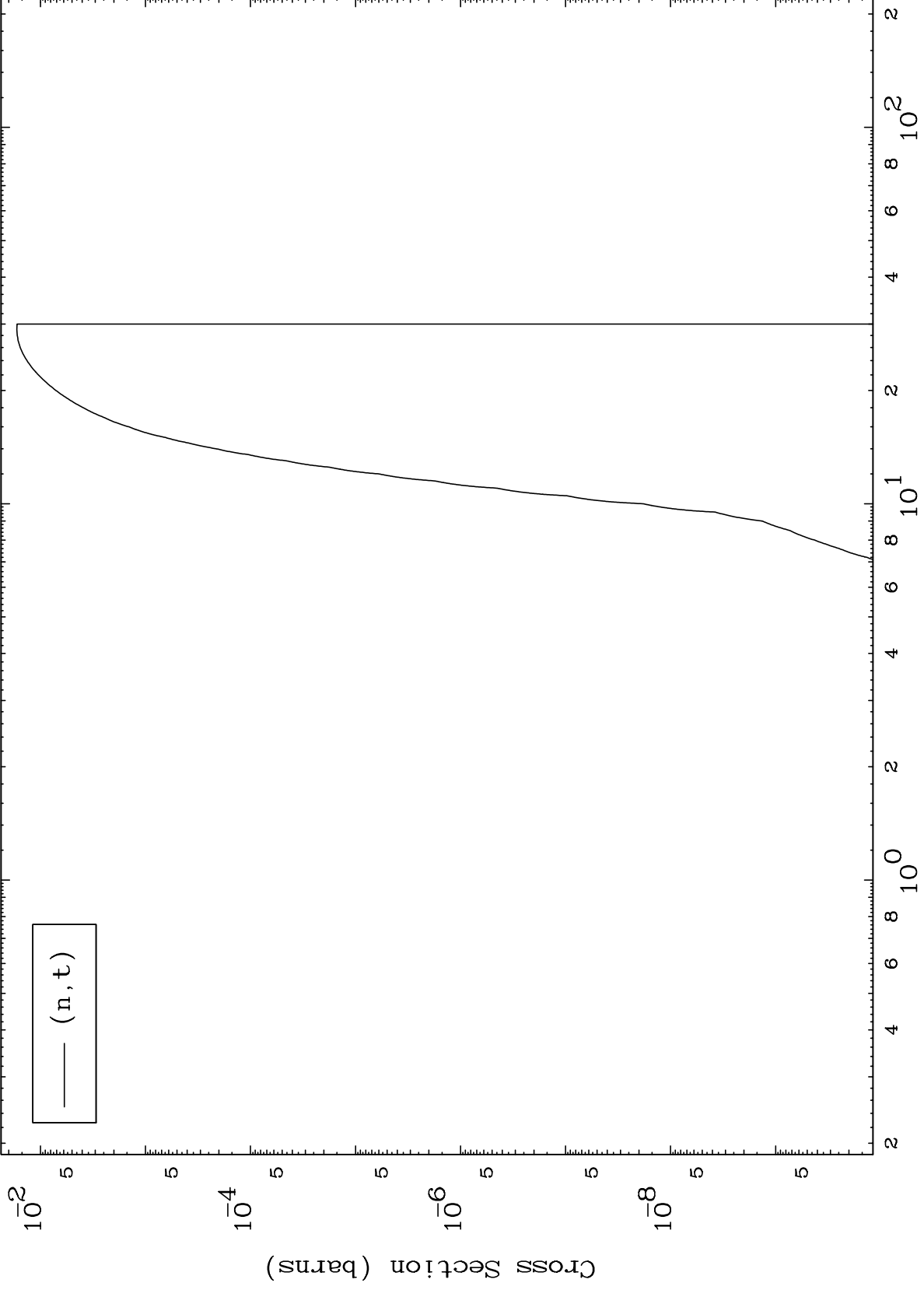
Incident Energy (MeV)

83-Bi-194m

MAT 8281

(n,t) Levels
293 Kelvin Cross Sections

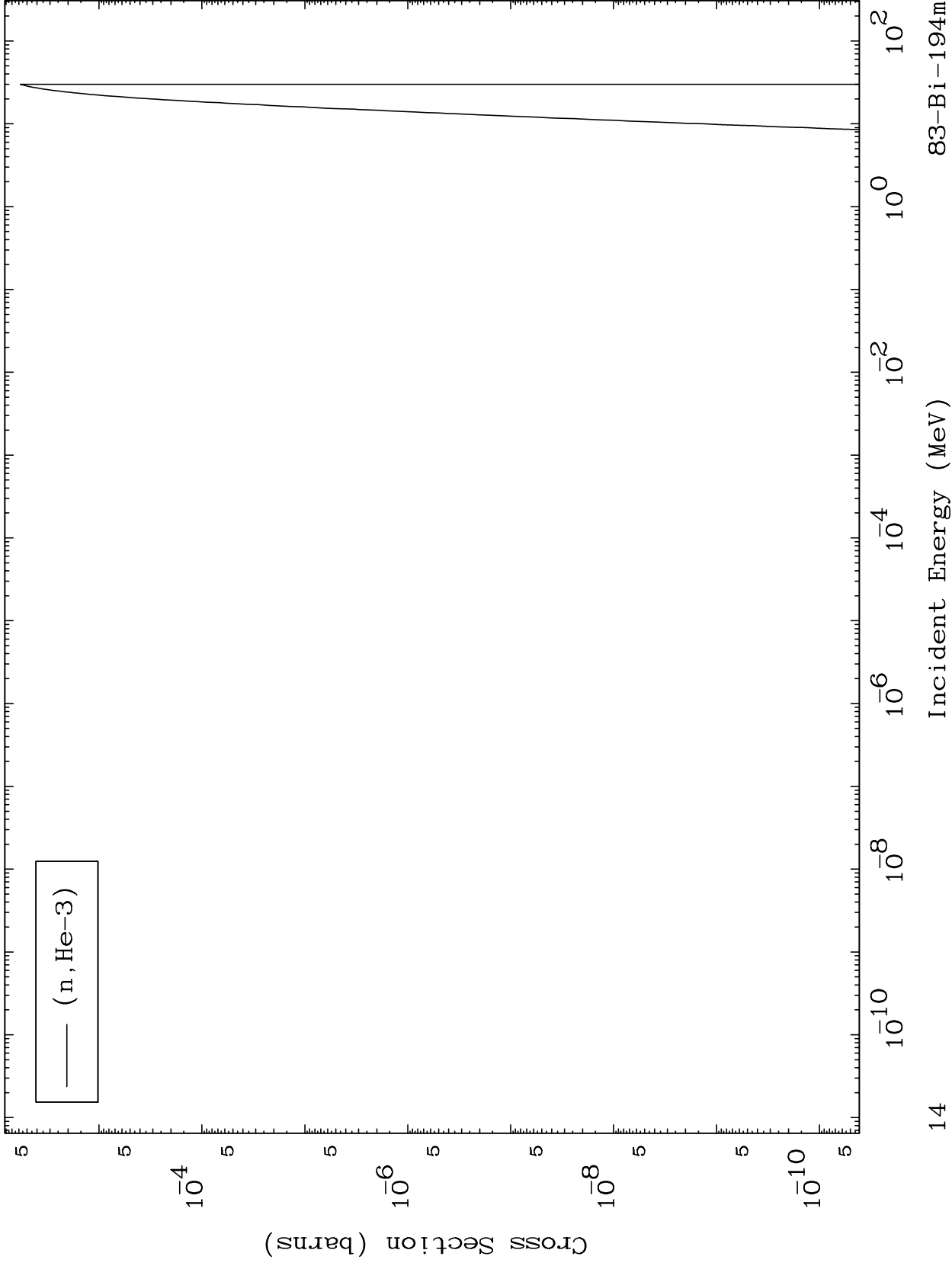
83-Bi-194m



MAT 8281

(n,He3) Levels
293 Kelvin Cross Sections

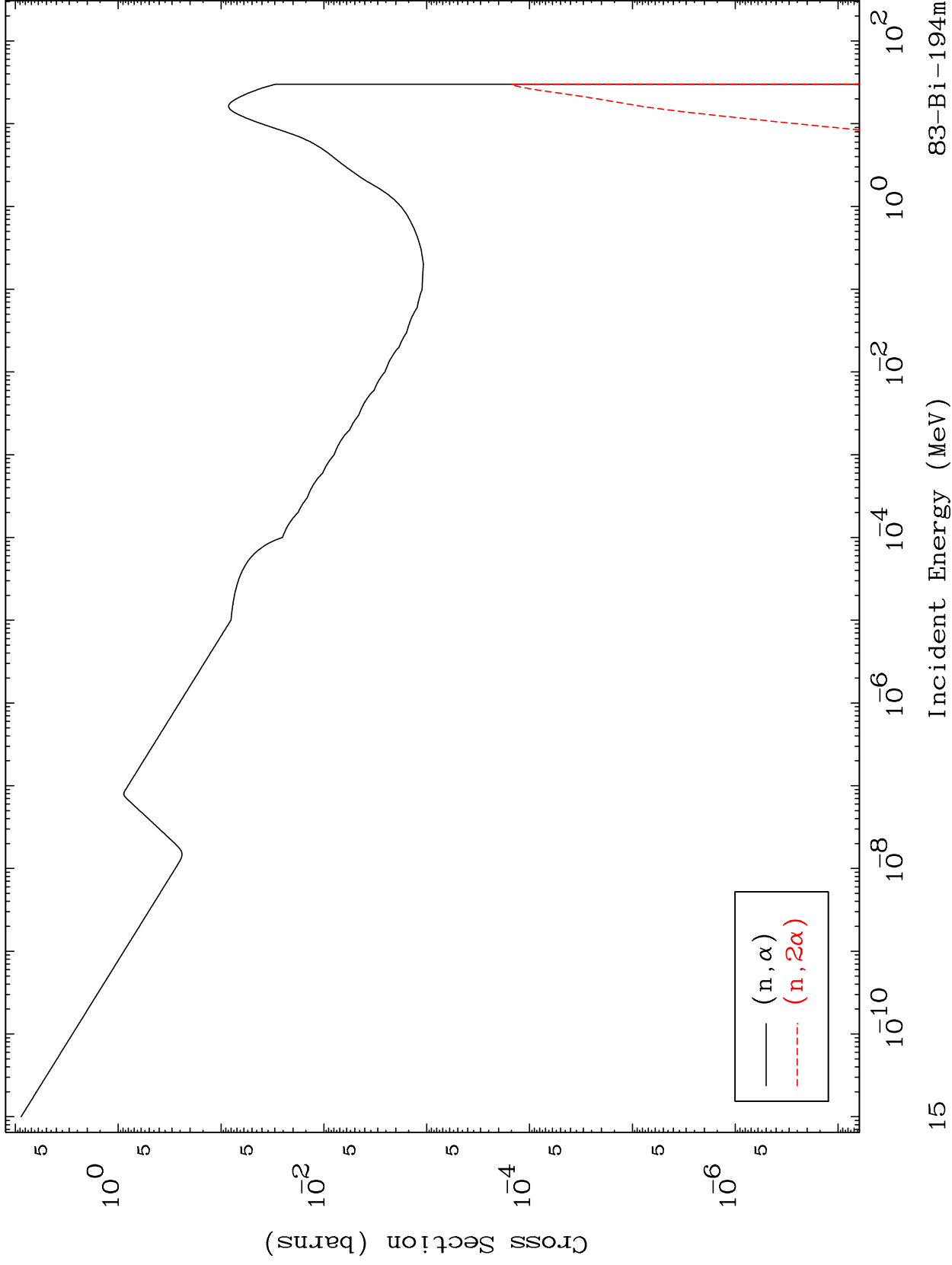
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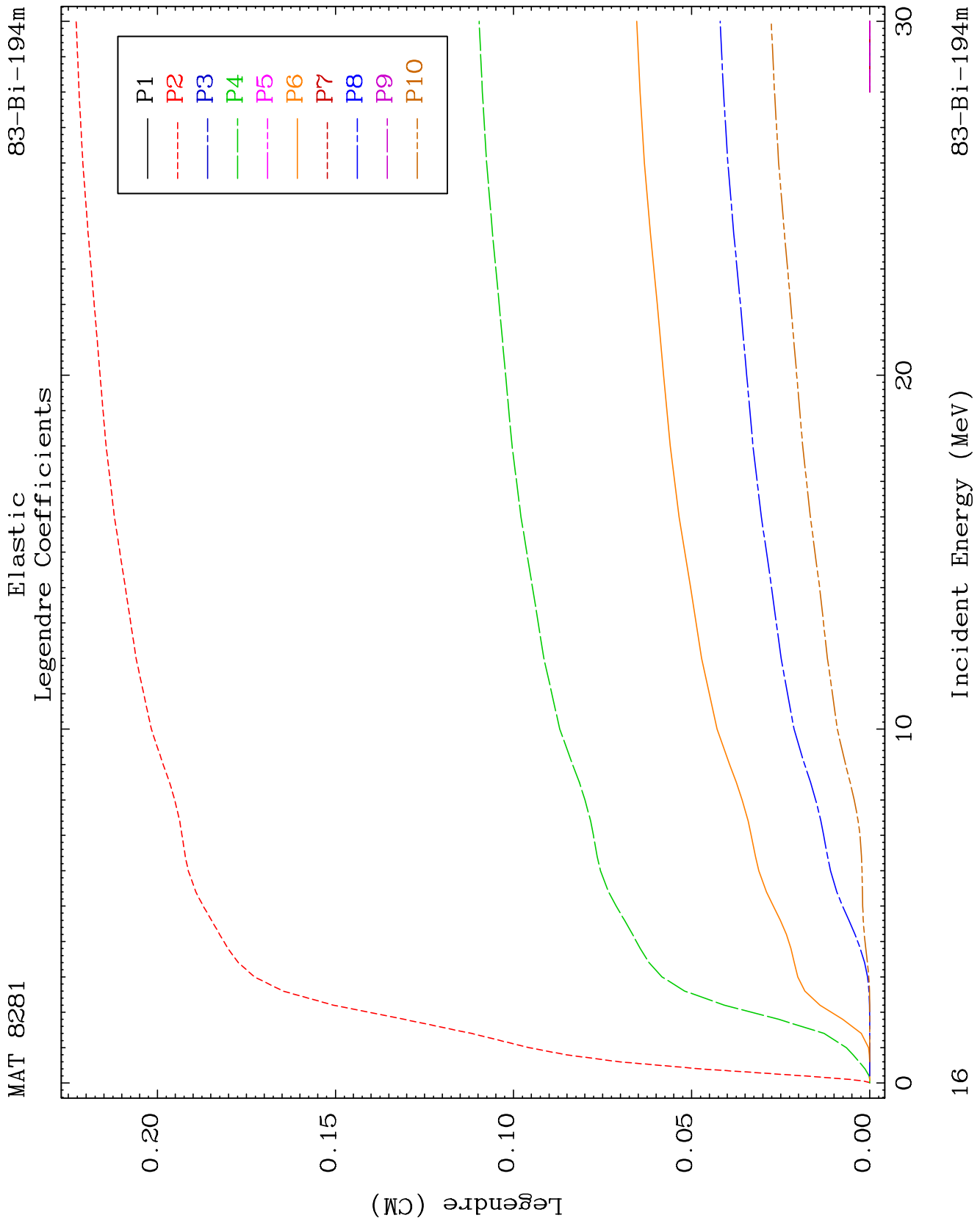


MAT 8281

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-194m

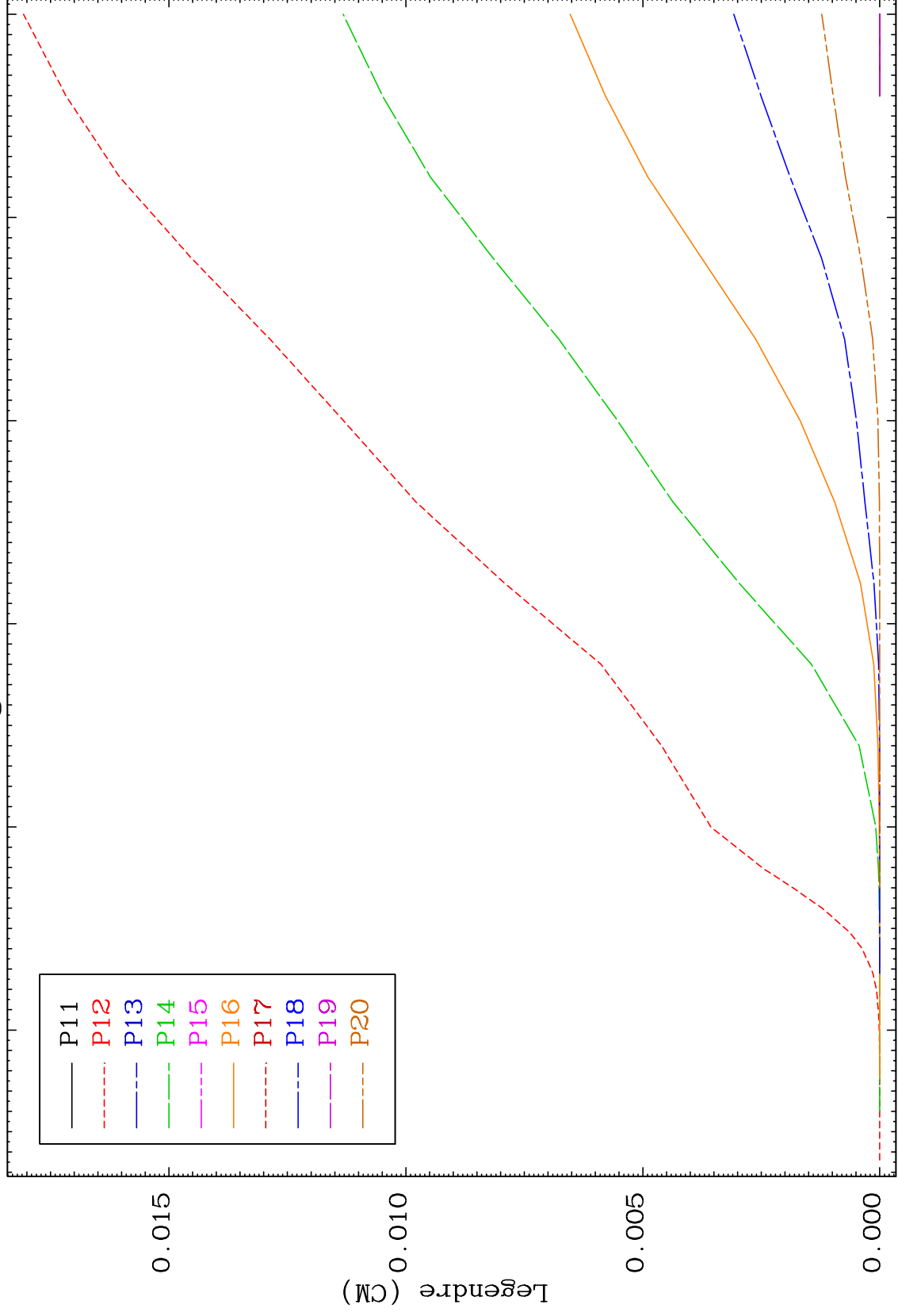




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Elastic Legendre Coefficients

⁸³Bi-194m



17

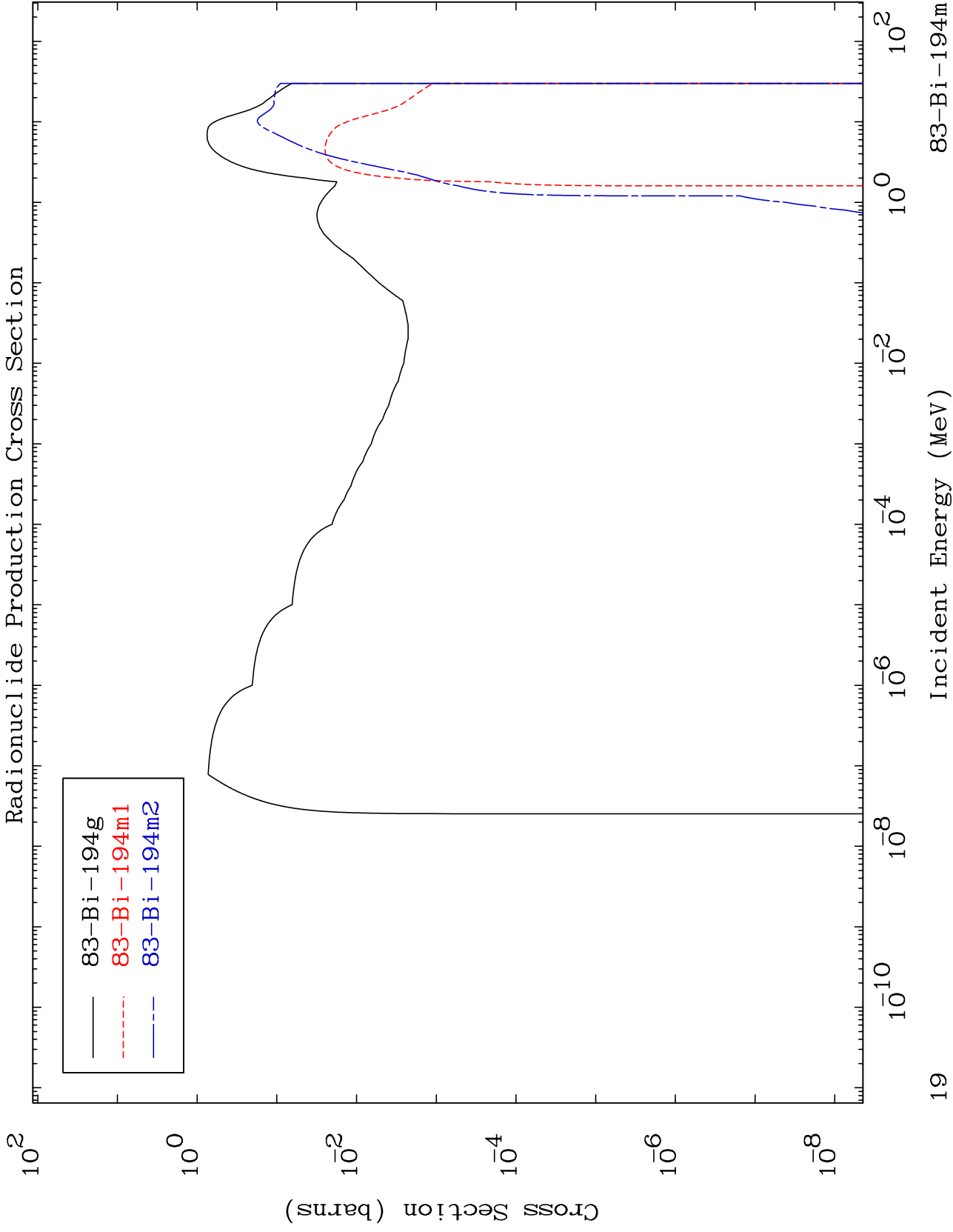
Incident Energy (MeV)

⁸³Bi-194m

MAT 8281

83-Bi-194m

Inelastic
Radionuclide Production Cross Section

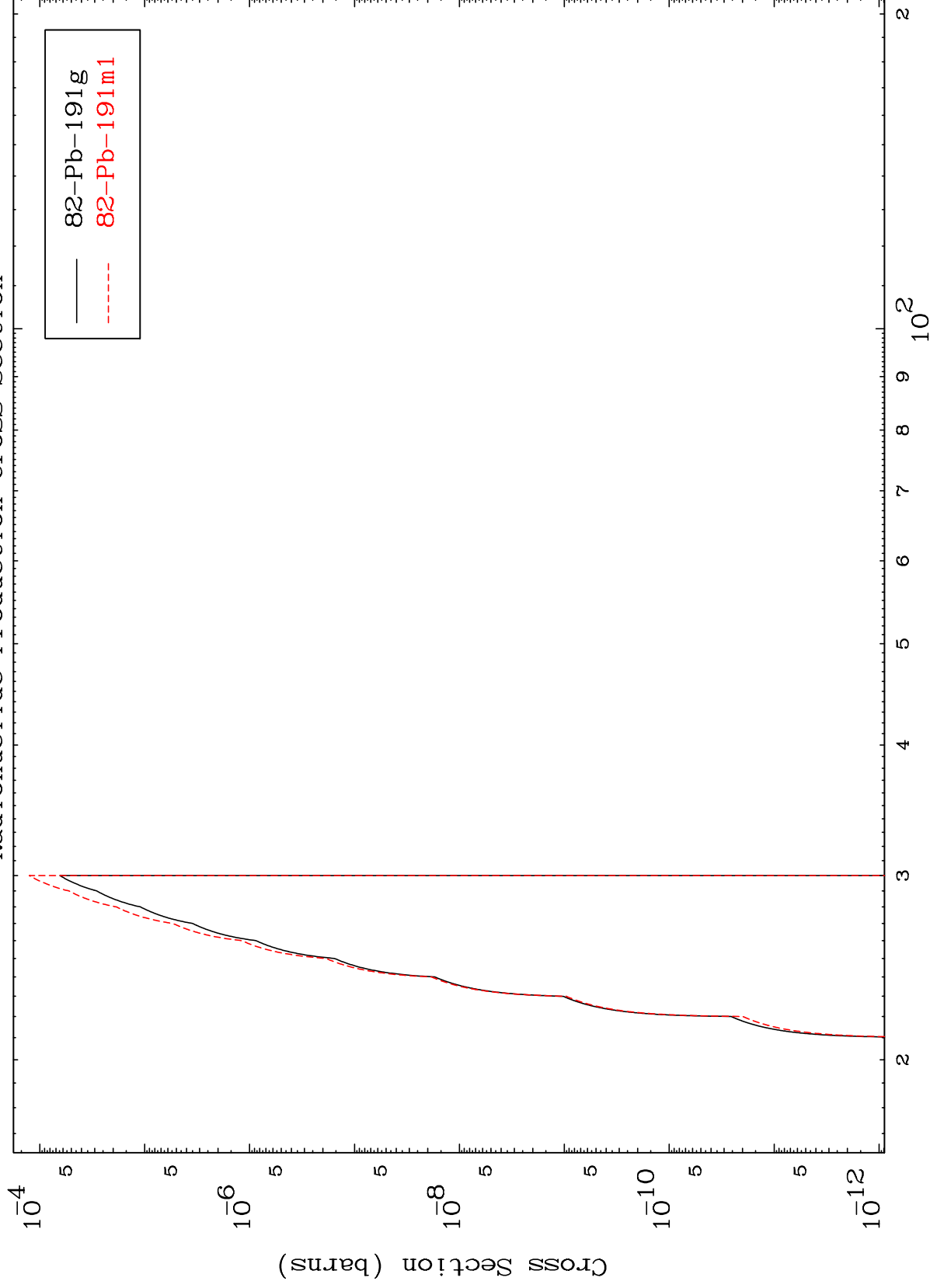


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(n,2n) d

83-Bi-194m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

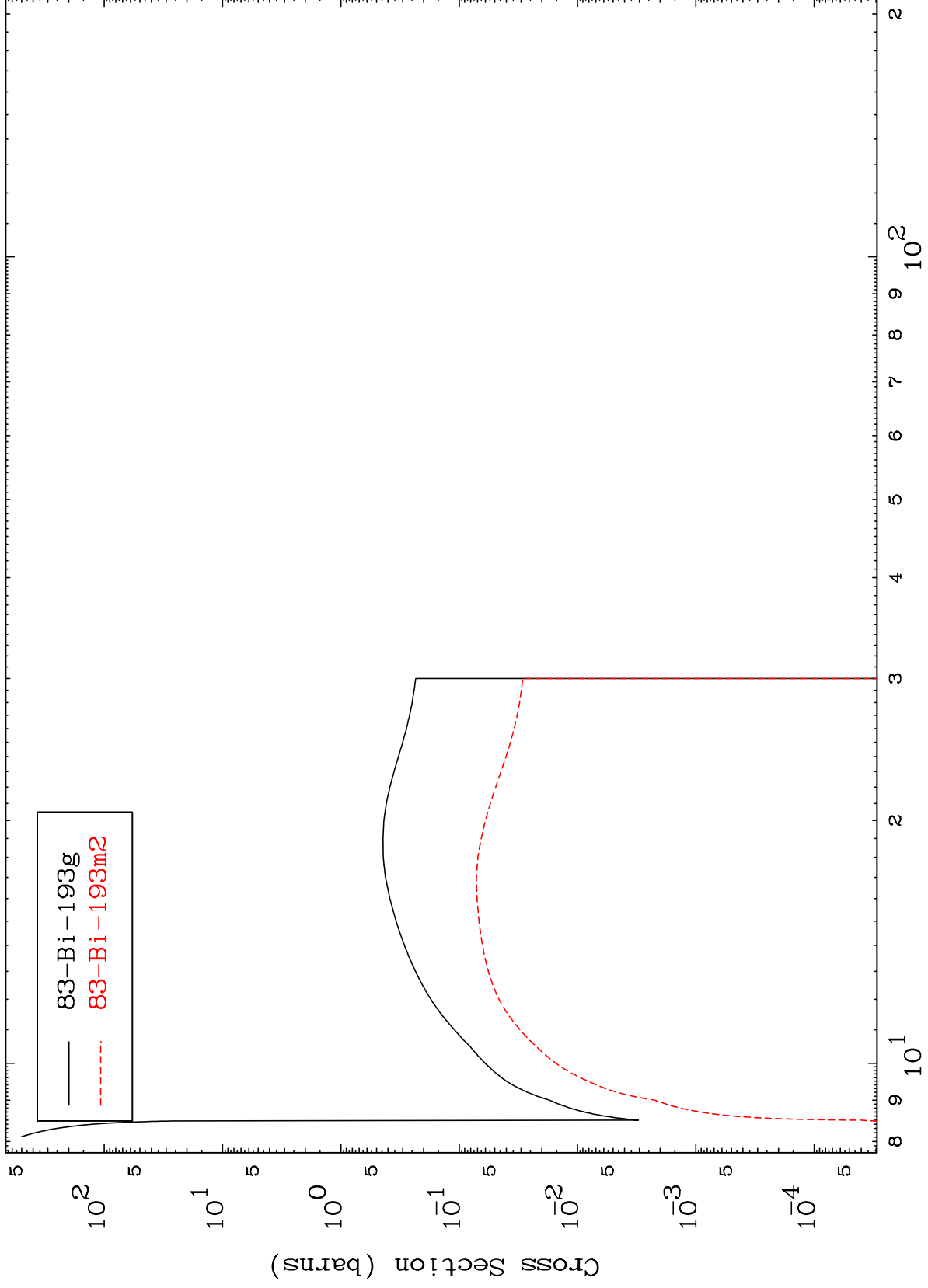
83-Bi-194m

MAT 8281

(n,2n)

⁸³Bi-194m

Radionuclide Production Cross Section



— ⁸³Bi-193g
- - - ⁸³Bi-193m2

Incident Energy (MeV)

⁸³Bi-194m

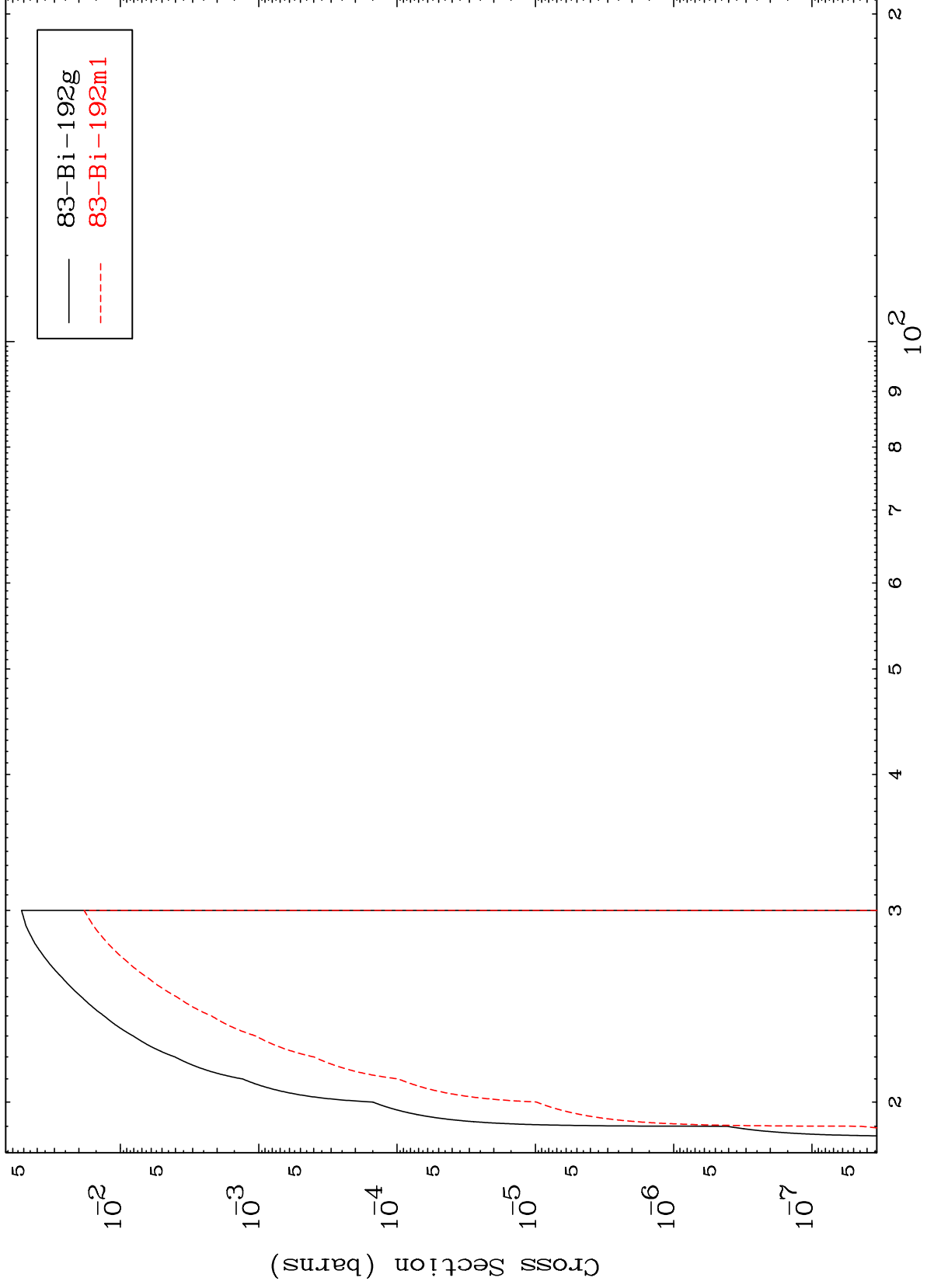
21

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(n,3n)

83-Bi-194m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

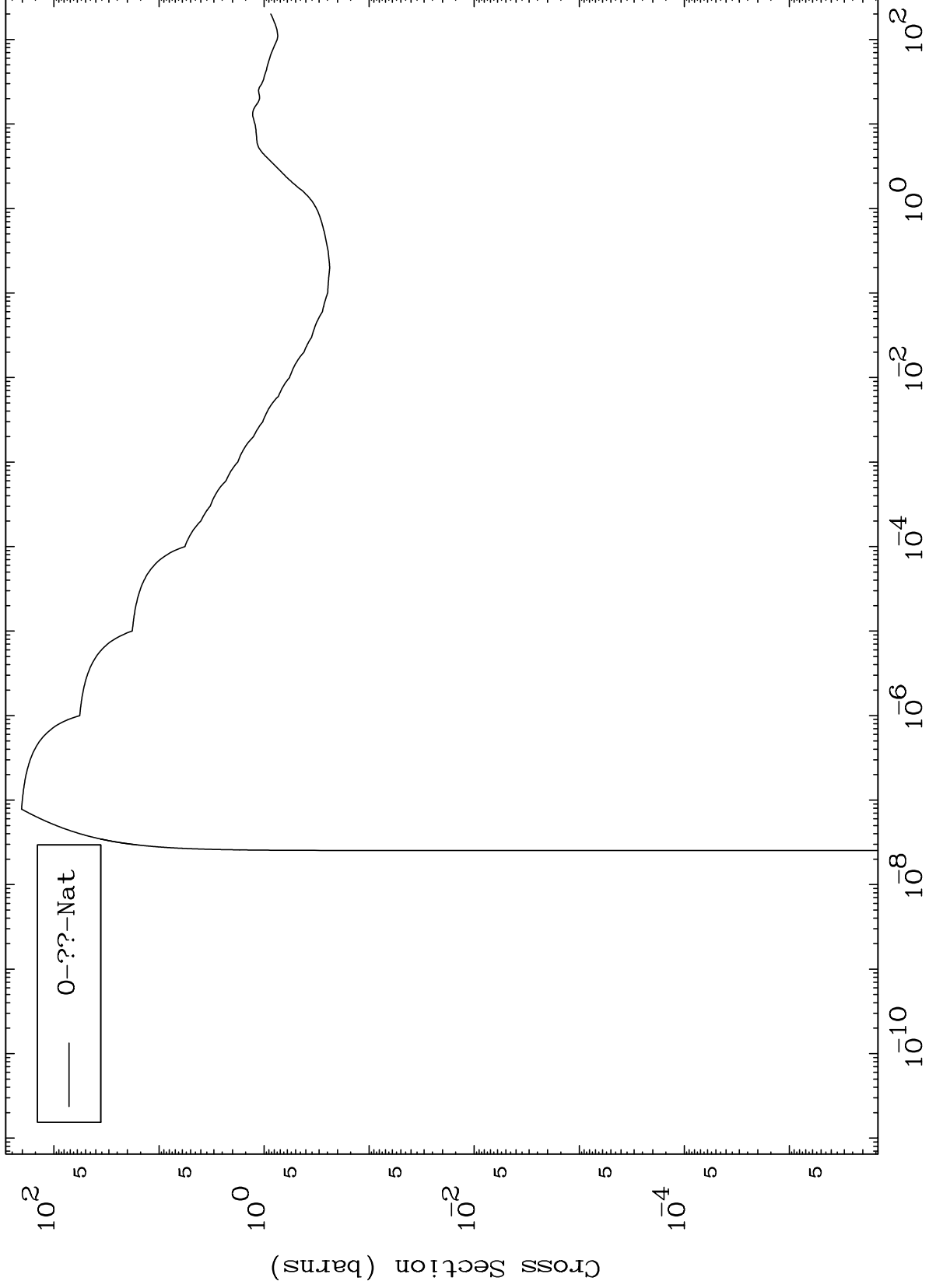
83-Bi-194m

MAT 8281

Fission

⁸³Bi-194m

Radionuclide Production Cross Section

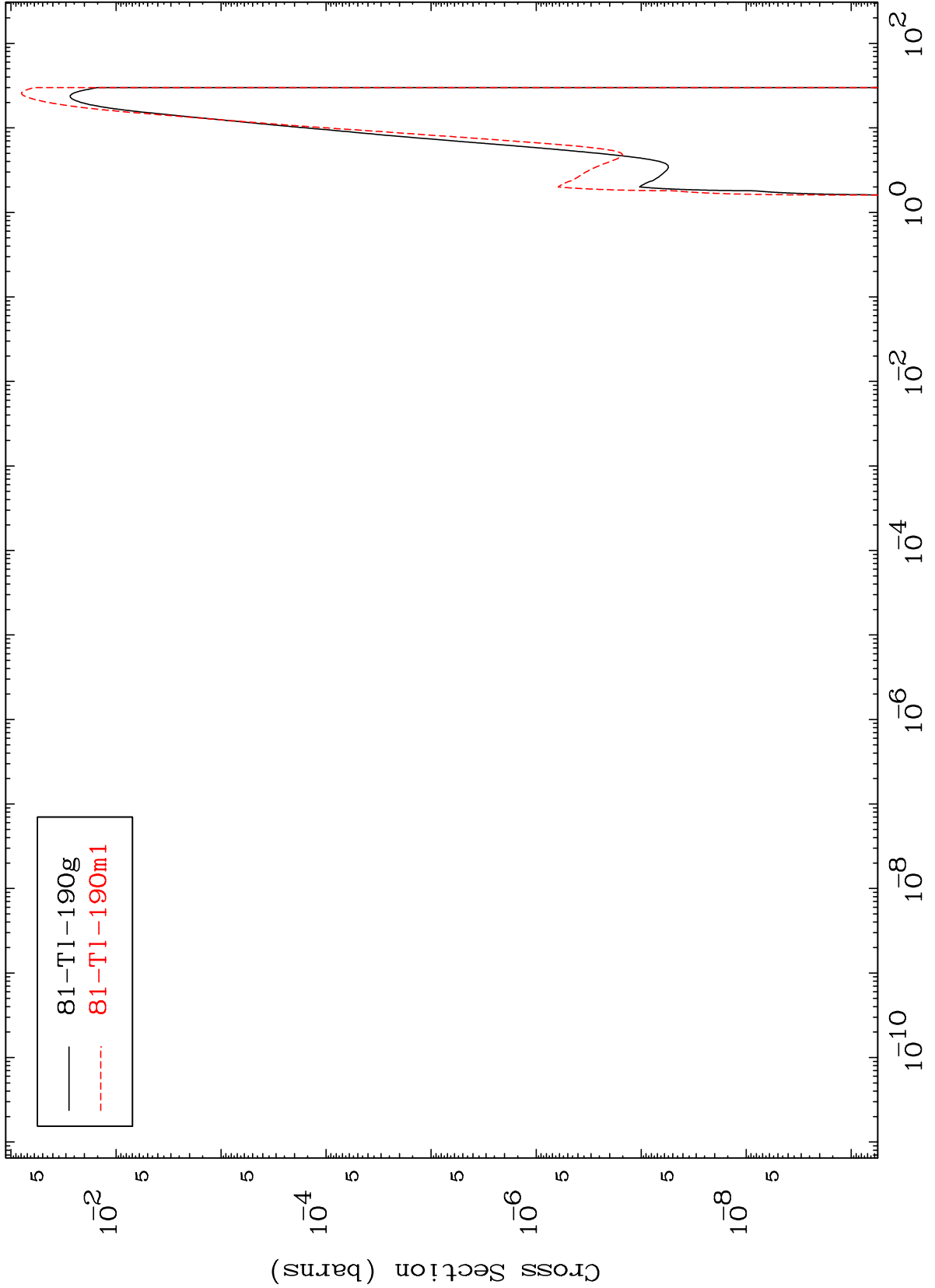


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$(n, n') \alpha$

83-Bi-194m

Radionuclide Production Cross Section

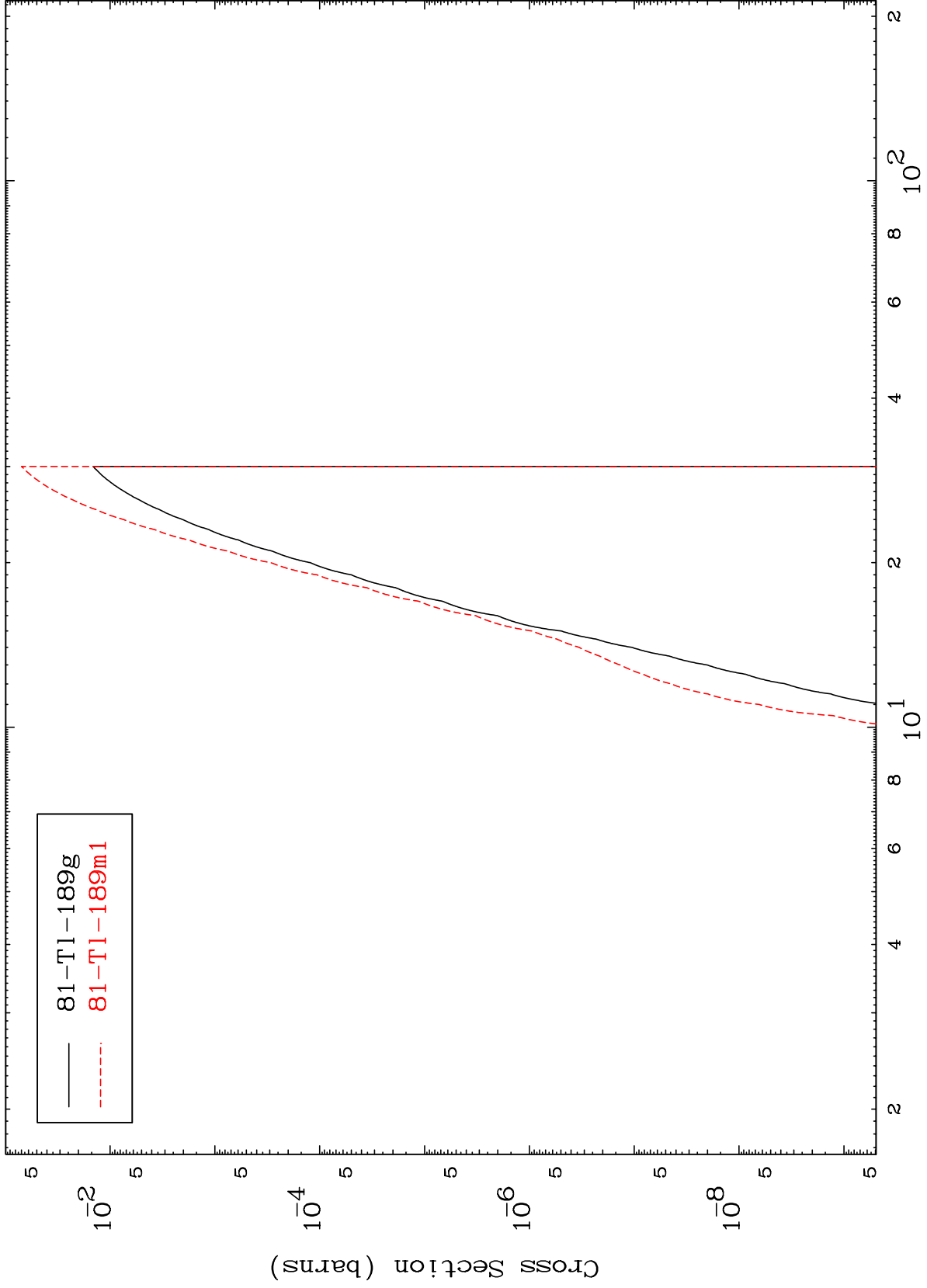


MAT 8281

(n,2n) α

83-Bi-194m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

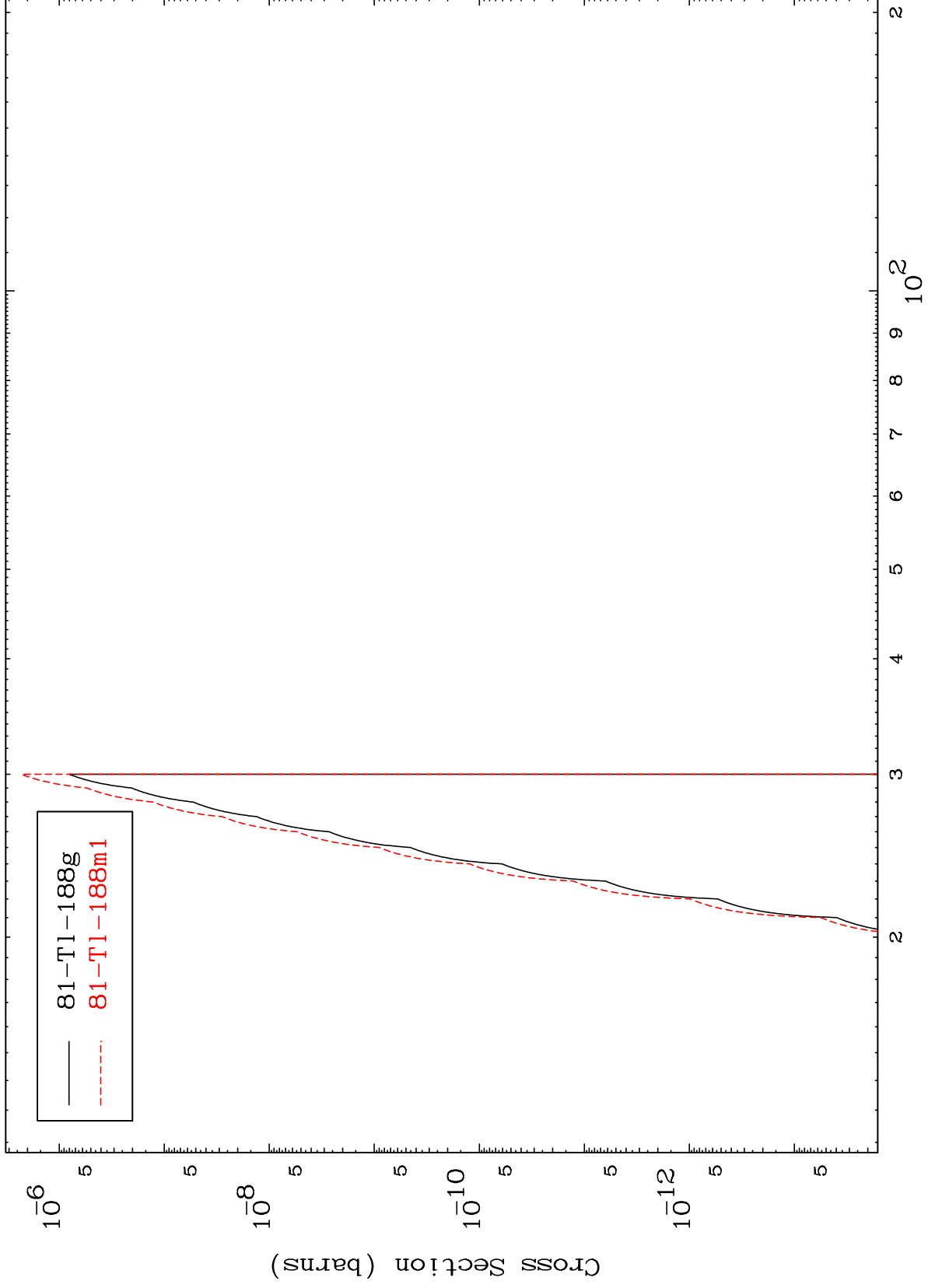
83-Bi-194m

MAT 8281

(n,3n) α

⁸³Bi-194m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

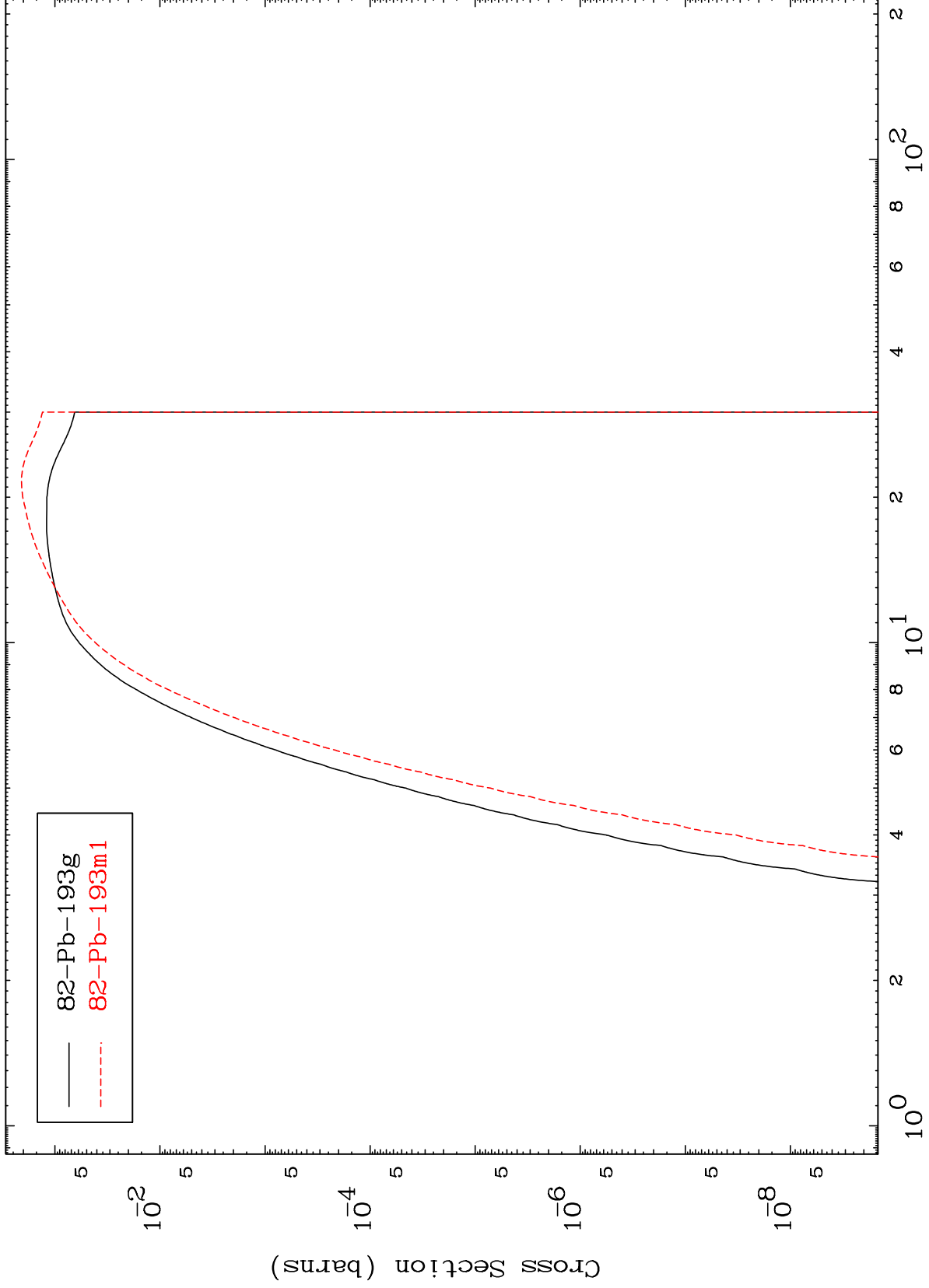
⁸³Bi-194m

MAT 8281

(n,n') p

83-Bi-194m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

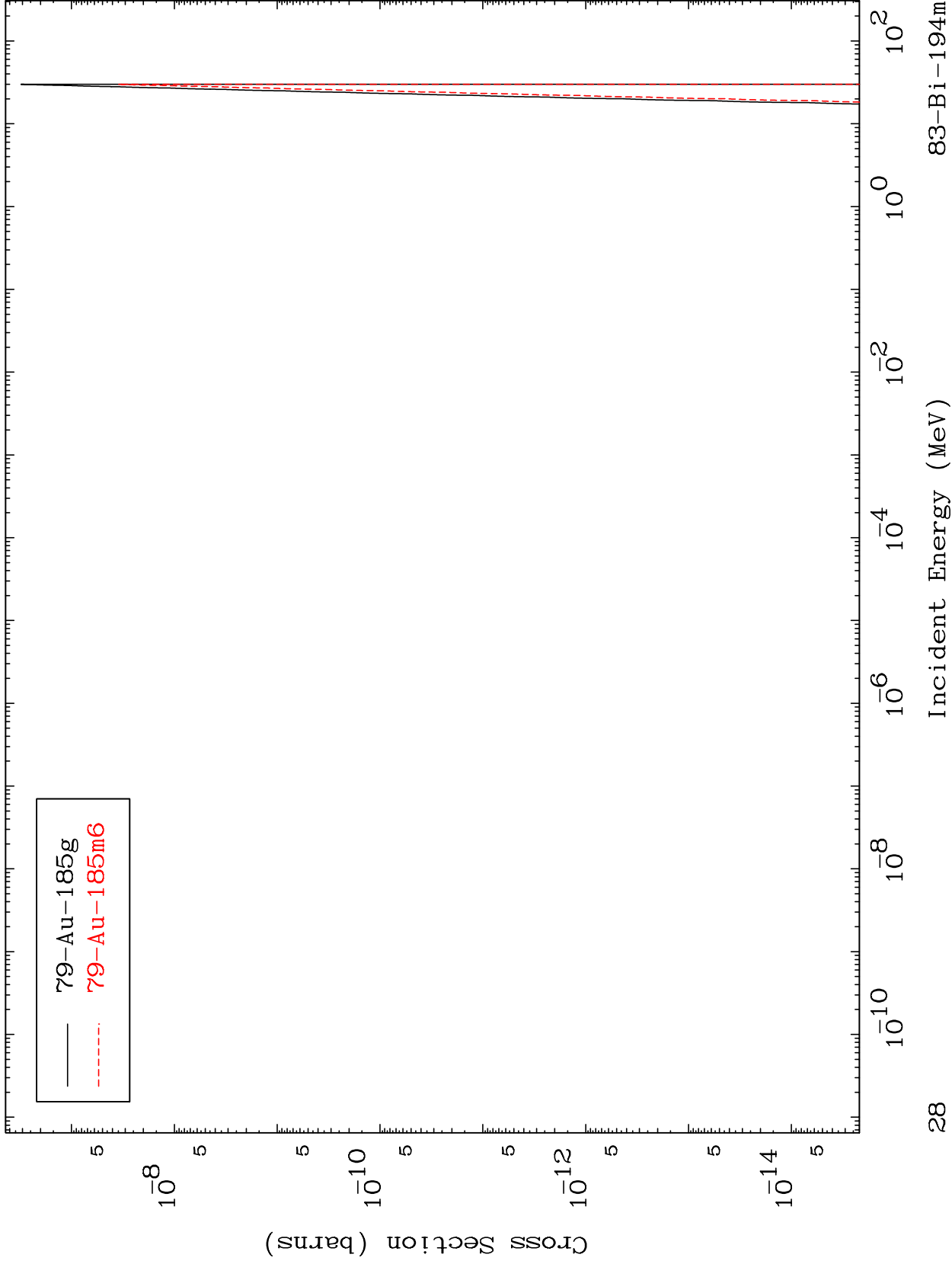
83-Bi-194m

MAT 8281

$(n,2n) 2\alpha$

$^{83}\text{Bi}-194\text{m}$

Radionuclide Production Cross Section

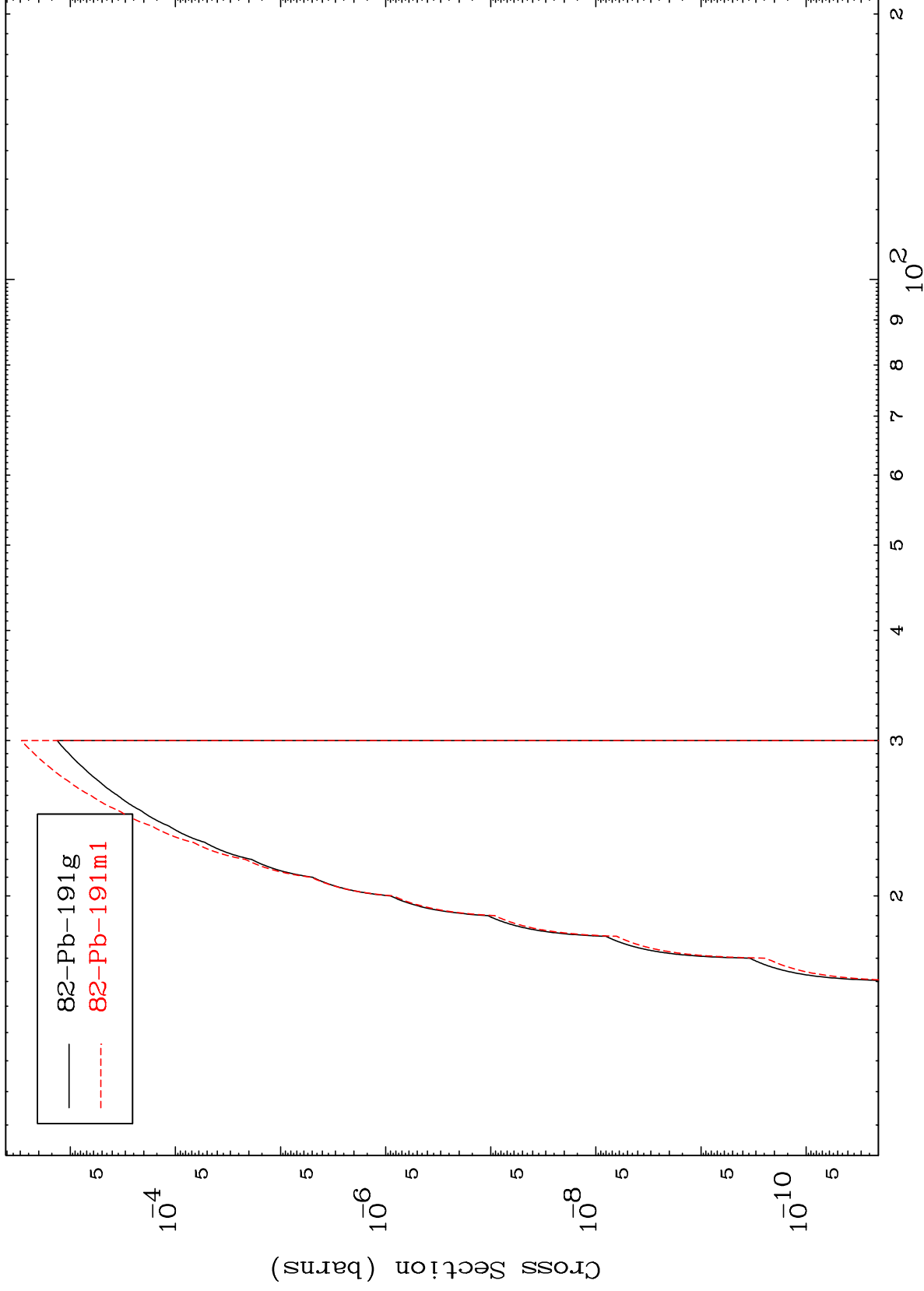


MAT 8281

(n,n') t

83-Bi-194m

Radionuclide Production Cross Section

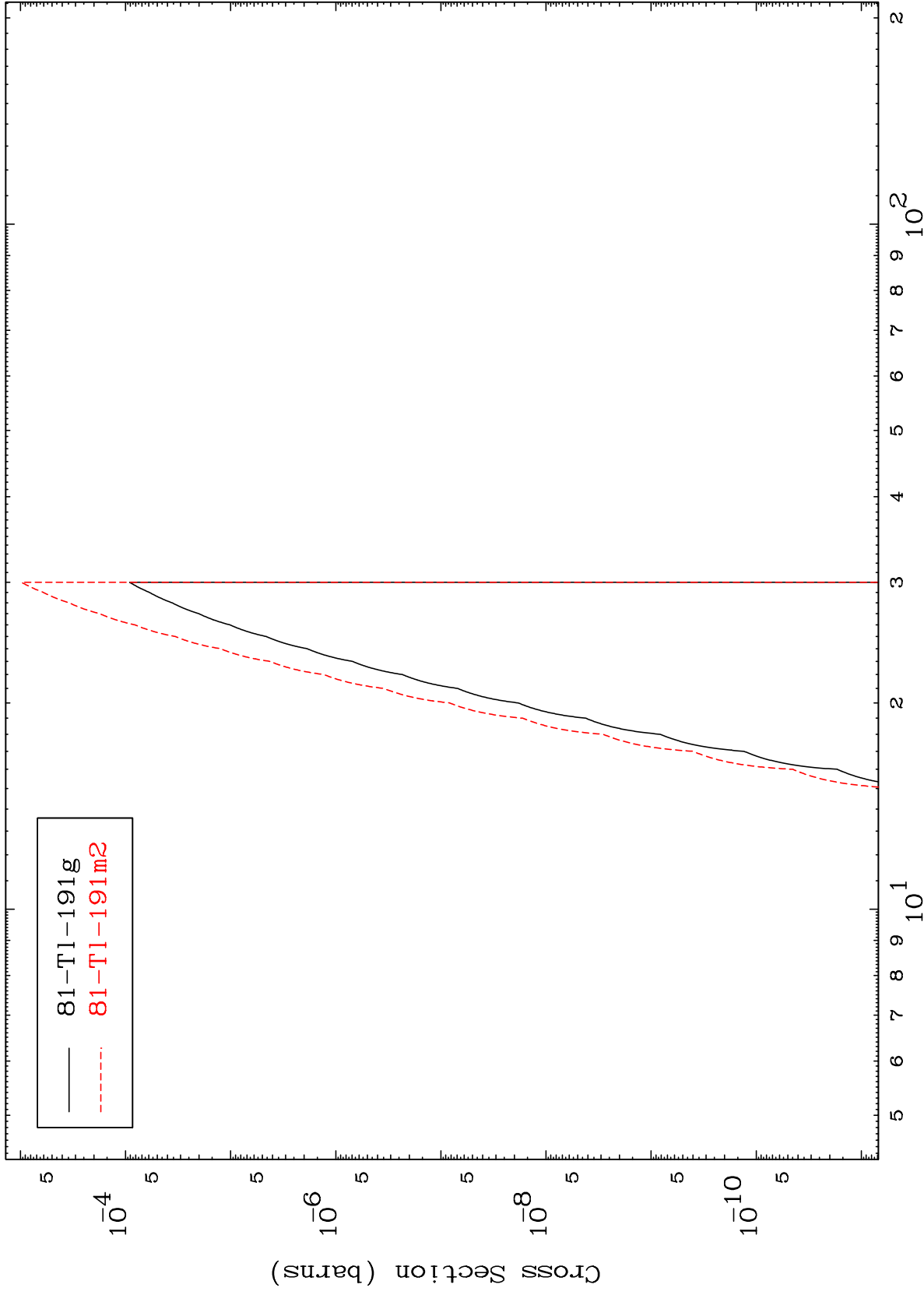


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(n,n') He-3

83-Bi-194m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

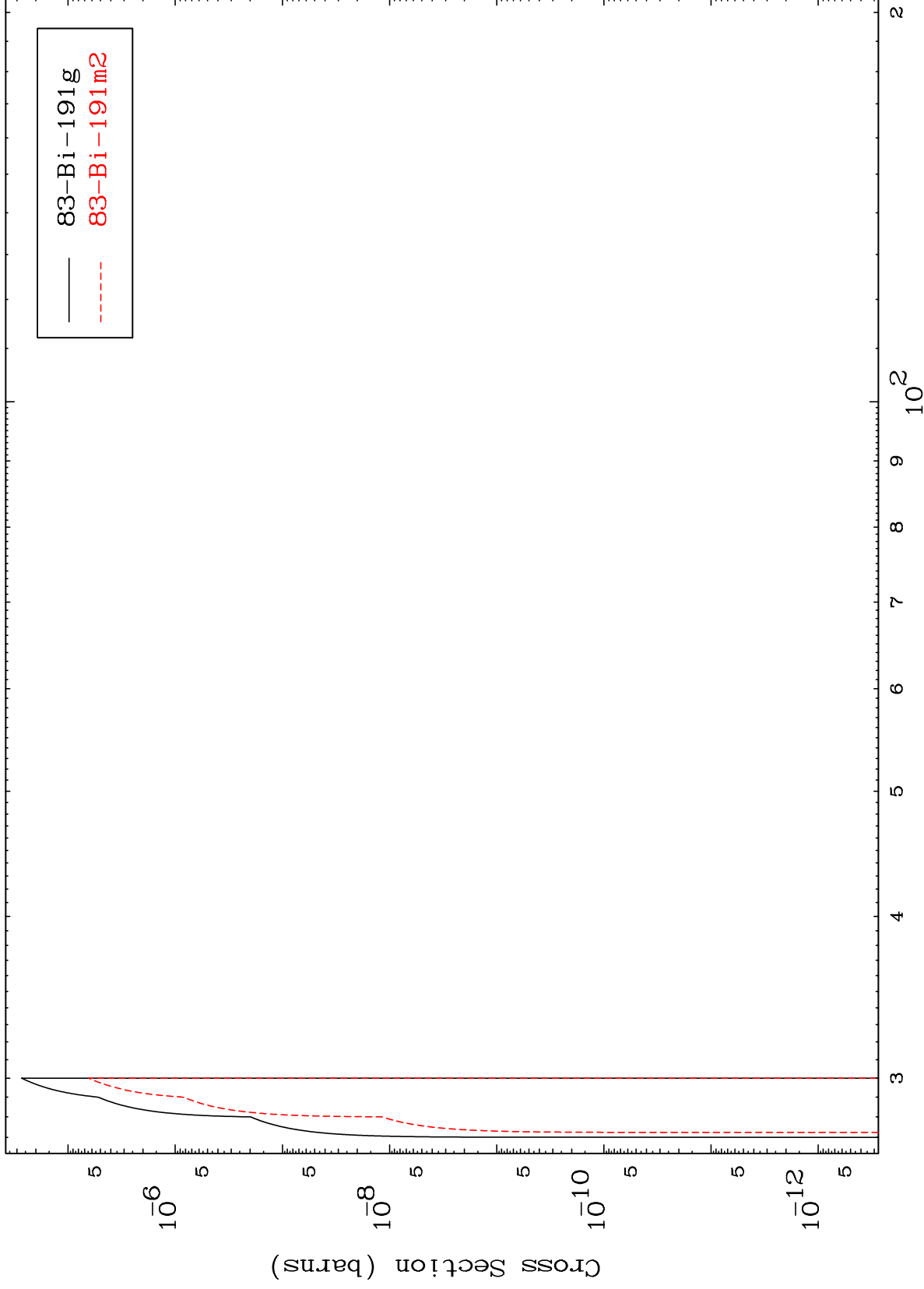
83-Bi-194m

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(n,4n)

⁸³Bi-194m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

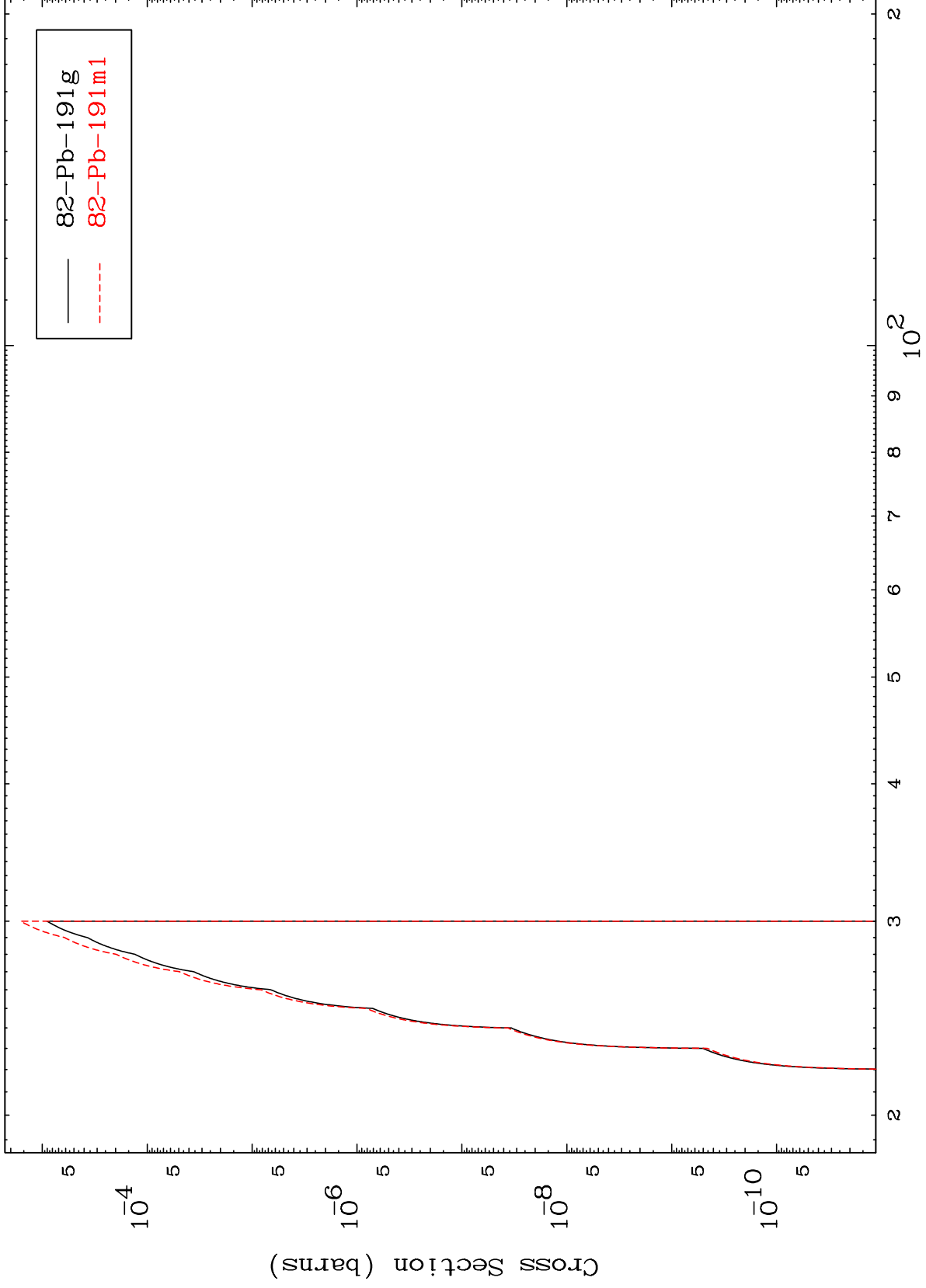
⁸³Bi-194m

MAT 8281

(n,3n) p

83-Bi-194m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

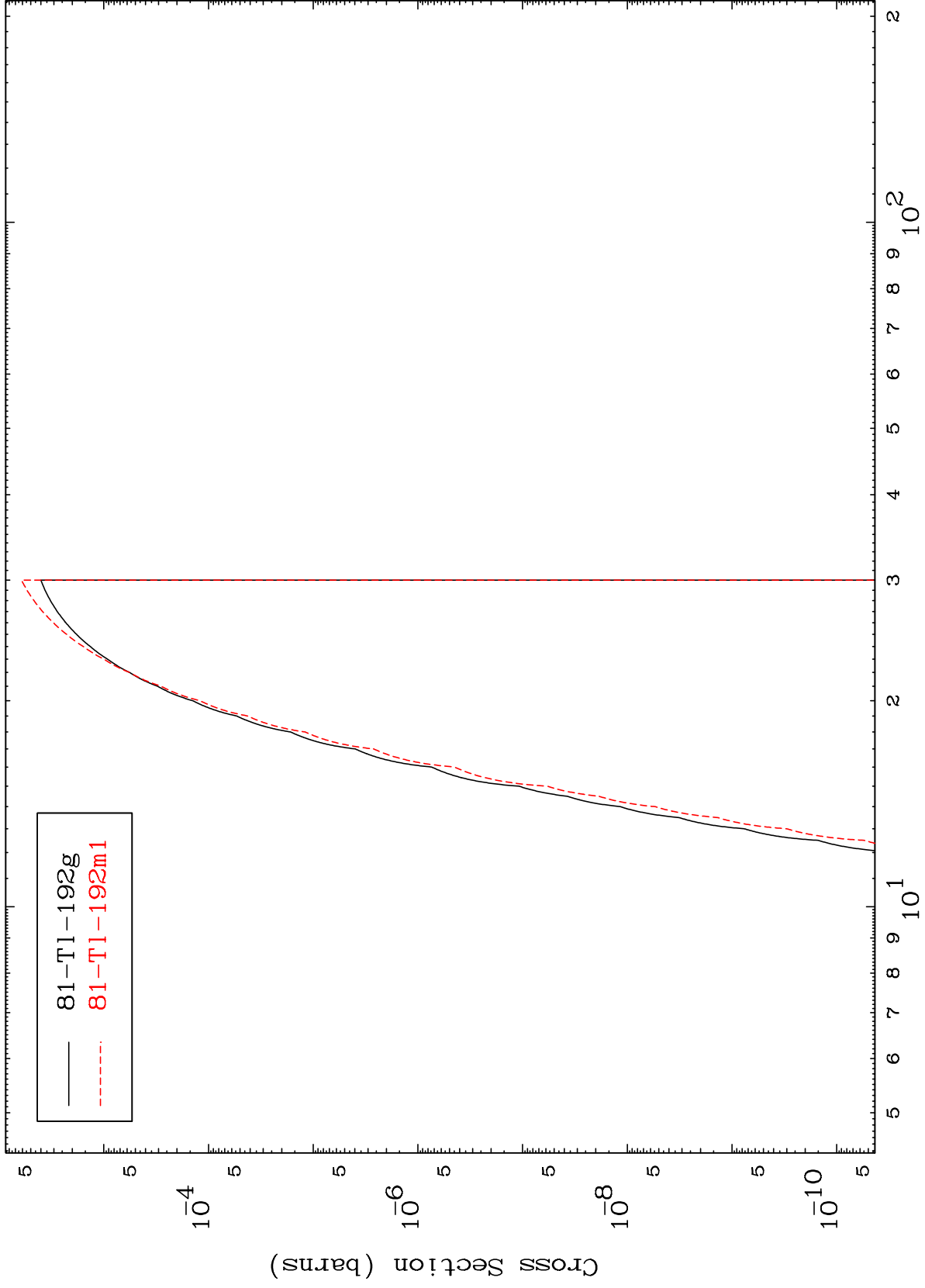
83-Bi-194m

MAT 8281

(n,2n) p

83-Bi-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-194m

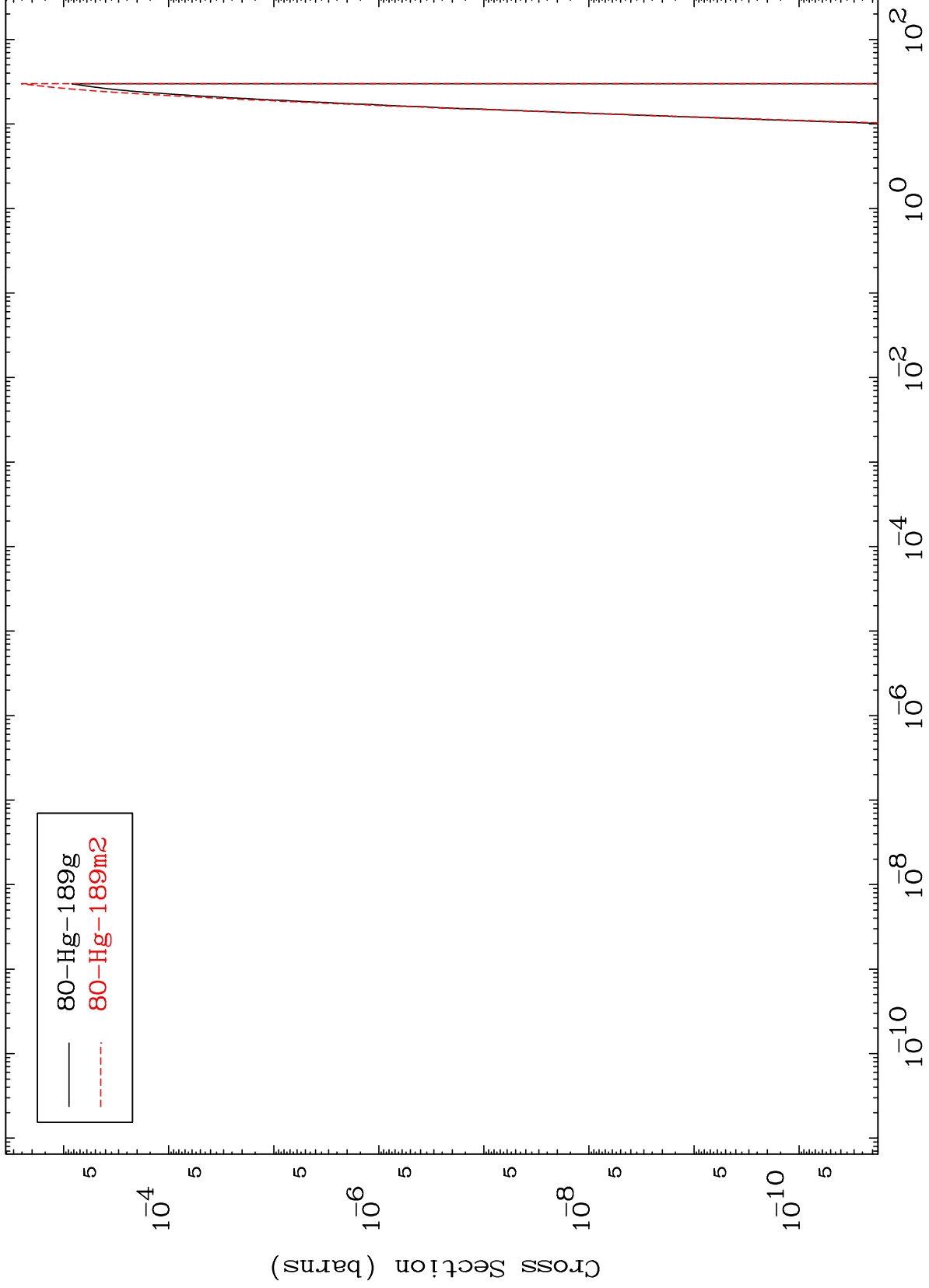
33

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(n,n') p α

83-Bi-194m

Radionuclide Production Cross Section



34

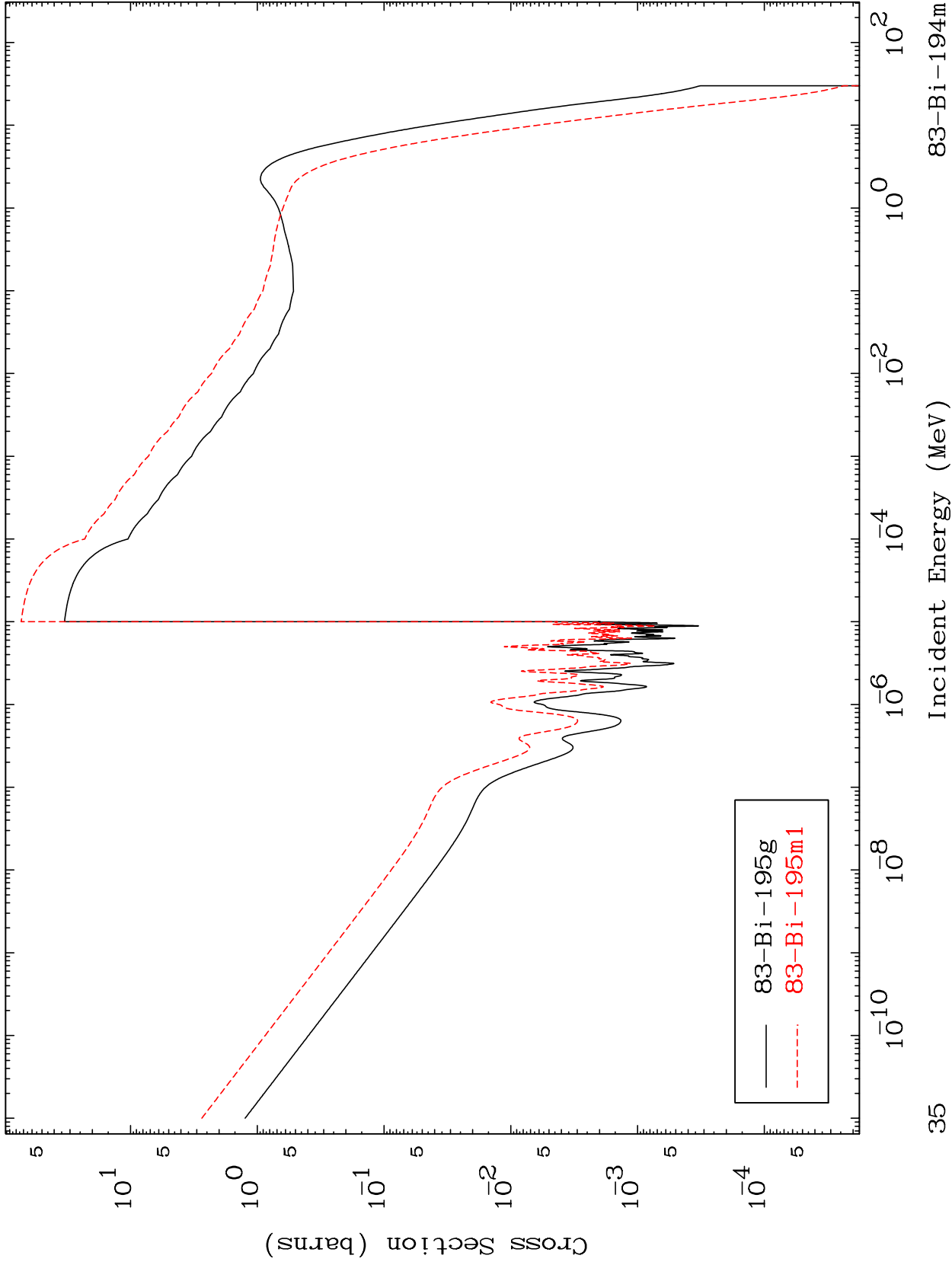
Incident Energy (MeV)

83-Bi-194m

MAT 8281

83-Bi-194m

(n,γ)
Radionuclide Production Cross Section

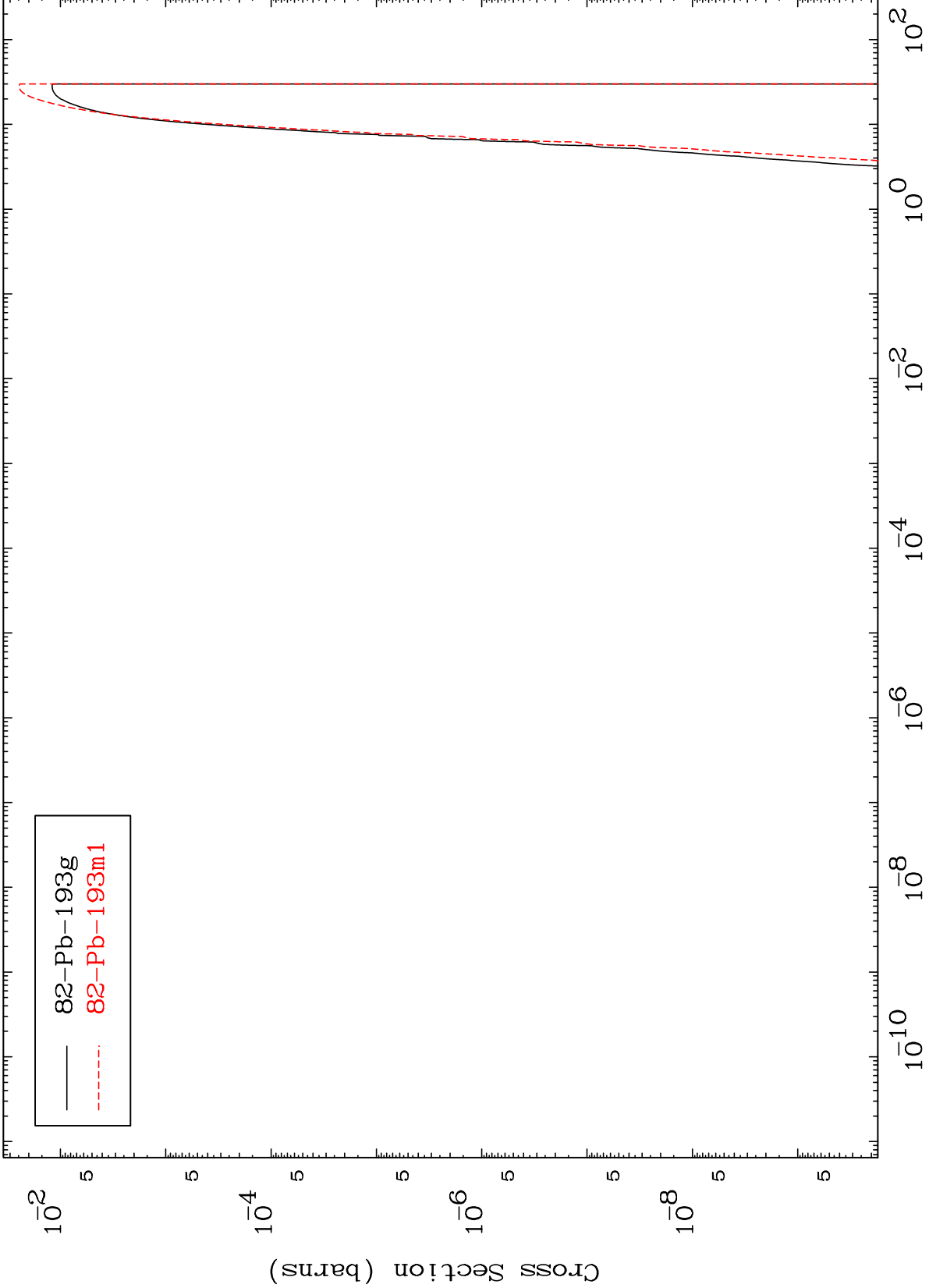
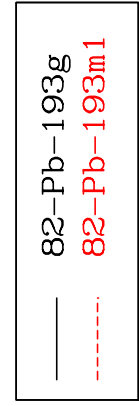


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(n,d)

83-Bi-194m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

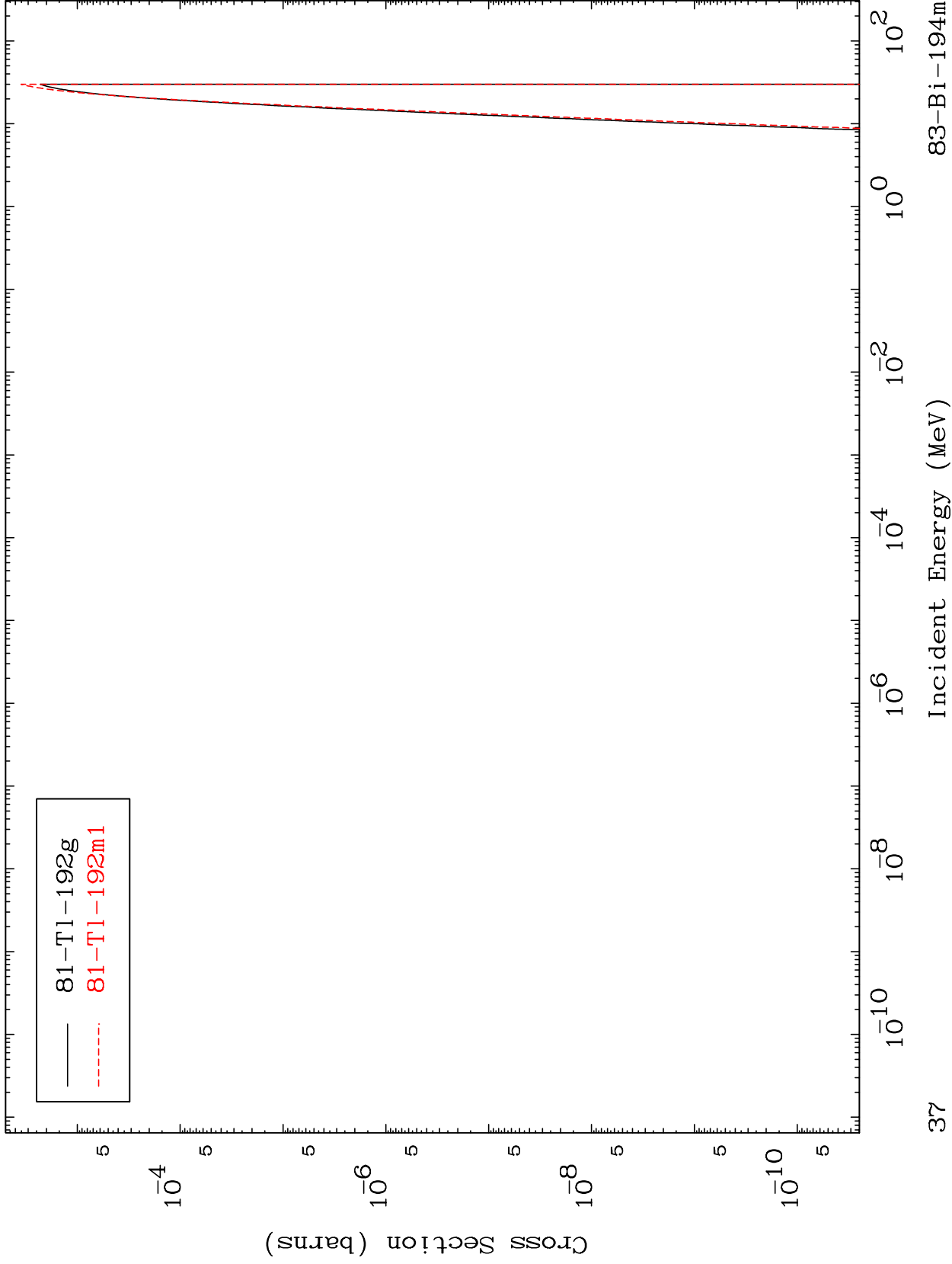
83-Bi-194m

MAT 8281

(n,He-3)

83-Bi-194m

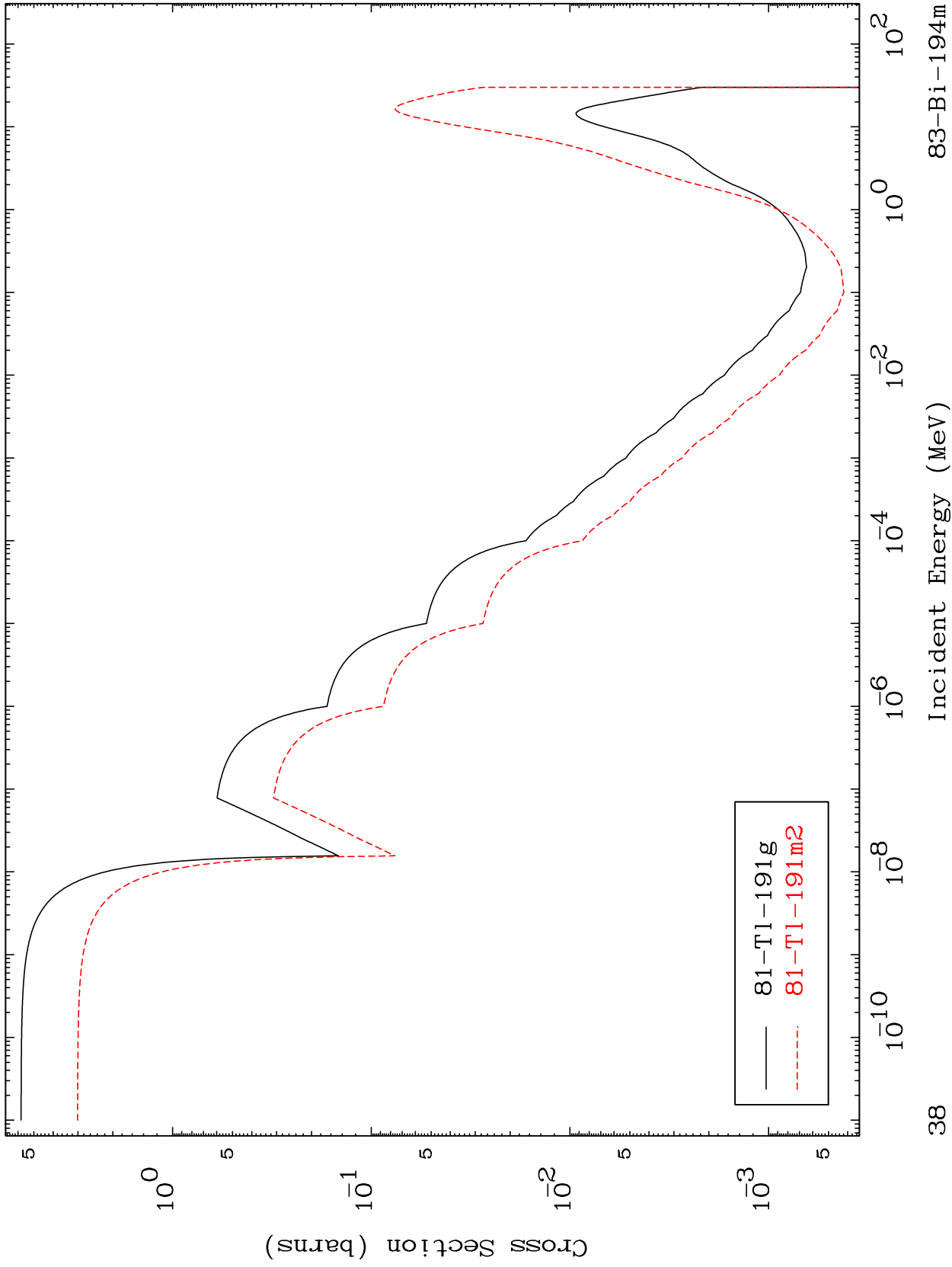
Radionuclide Production Cross Section



MAT 8281

83-Bi-194m

(n, α)
Radionuclide Production Cross Section

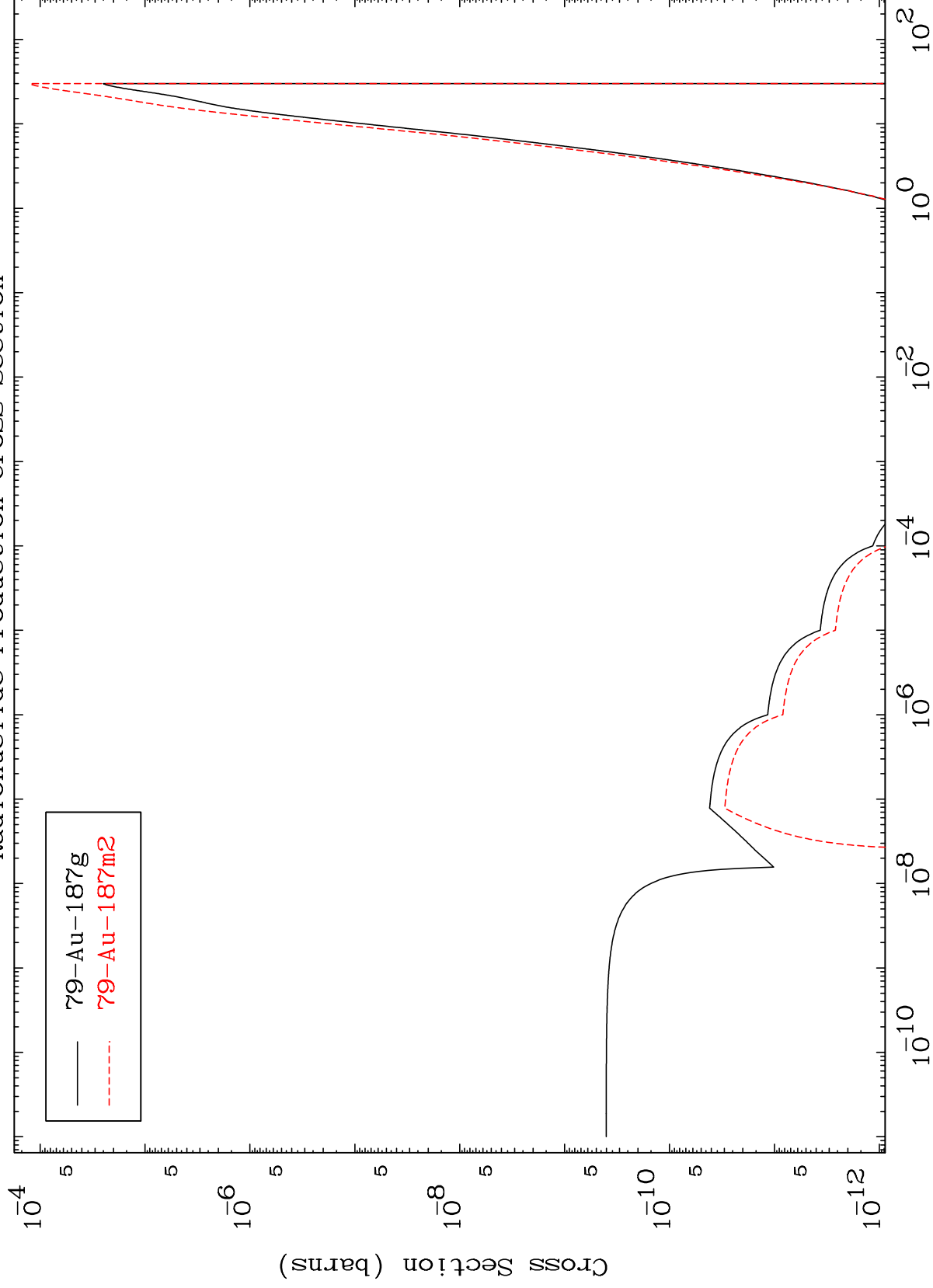


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(n,2α)

⁸³Bi-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁸³Bi-194m

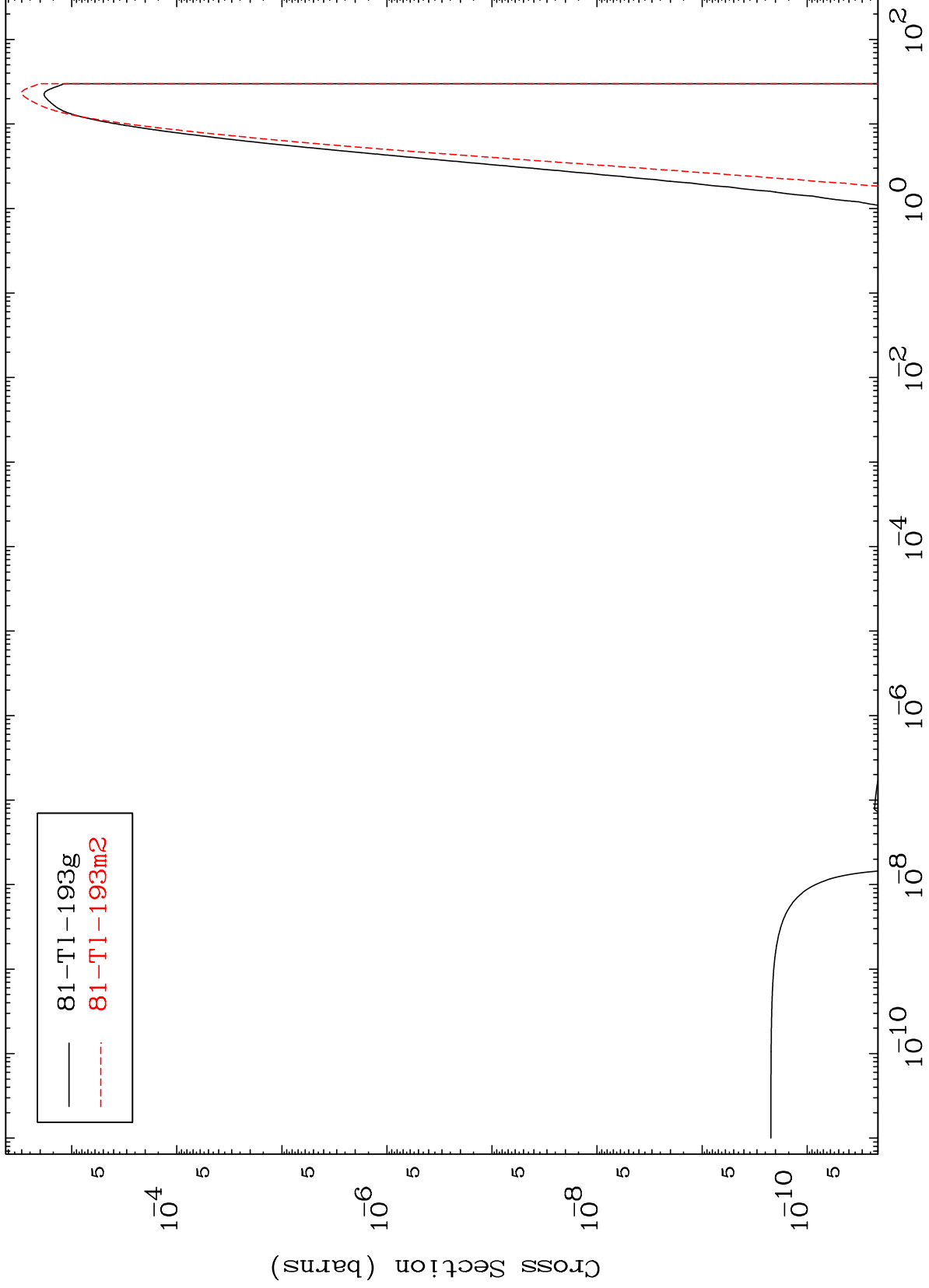
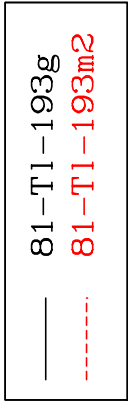
39

MAT 8281

(n,2p)

⁸³Bi-194m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

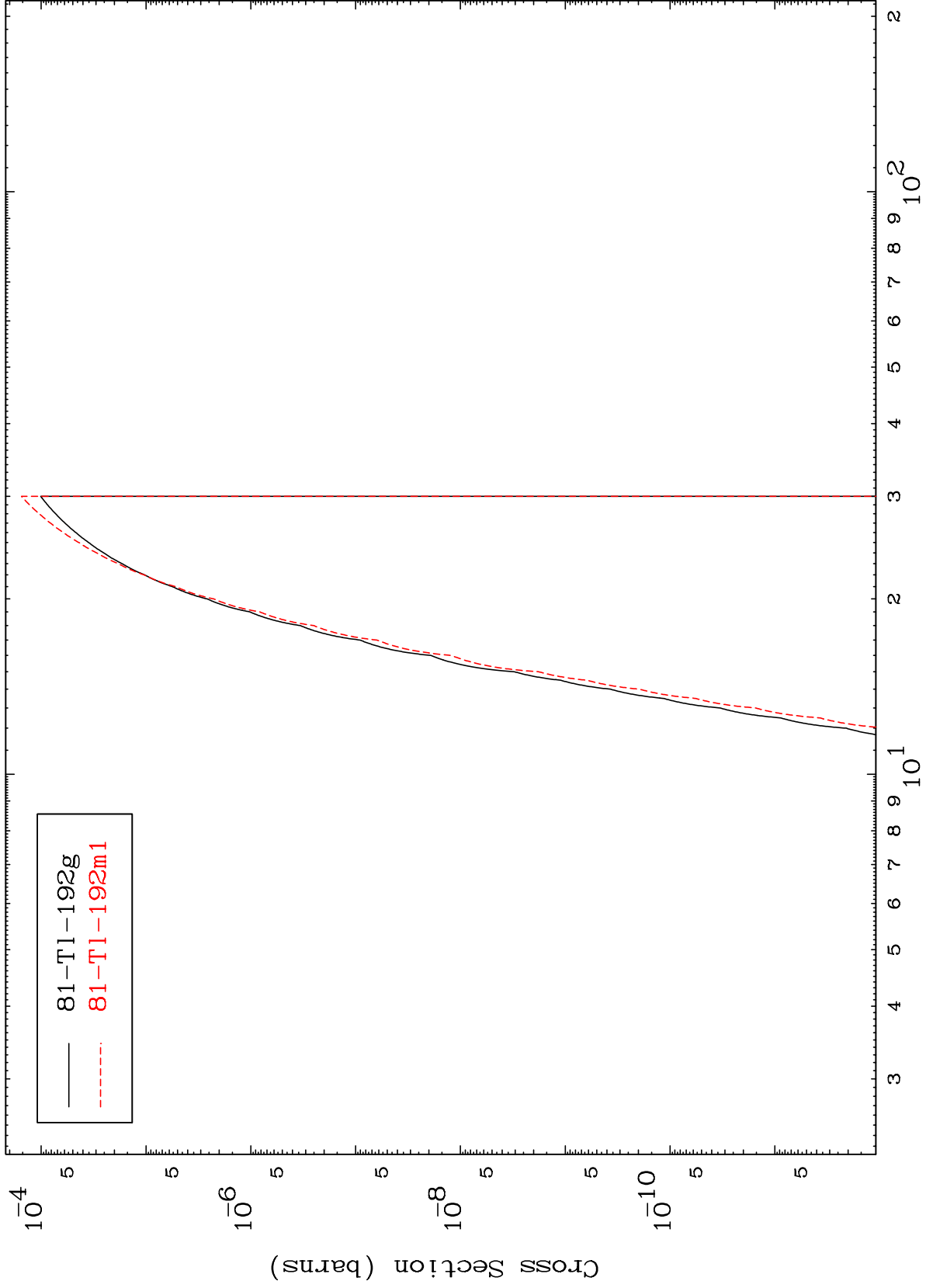
⁸³Bi-194m

MAT 8281

(n,p) d

83-Bi-194m

Radionuclide Production Cross Section



41

Incident Energy (MeV)

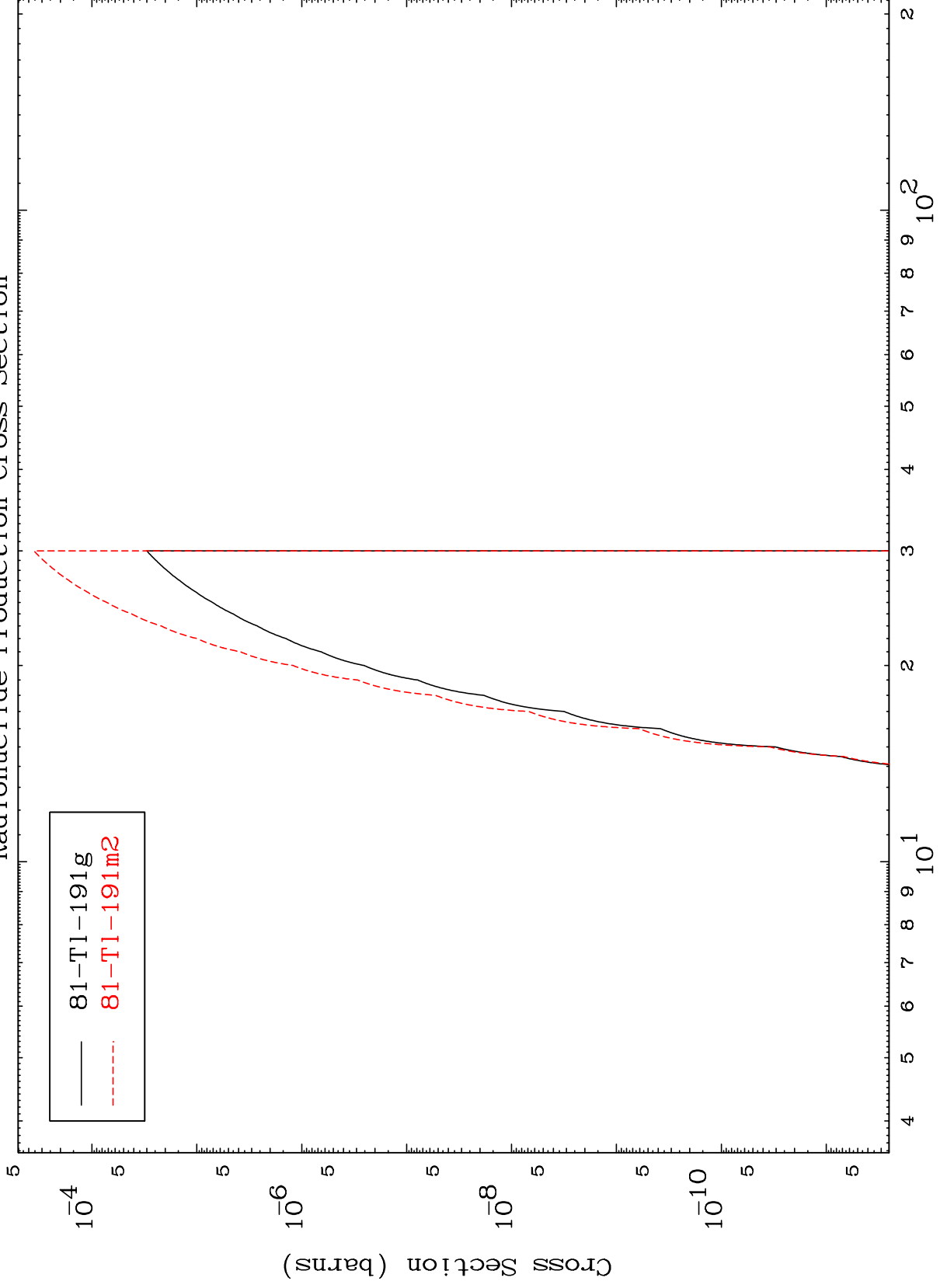
83-Bi-194m

MAT 8281

(n,p) t

83-Bi-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-194m

42

MAT 8281

(n,d) α

83-Bi-194m

Radionuclide Production Cross Section

